Electronic Supplementary Information (ESI)

for

Leveraging Machine Learning Engineering to Uncover Insights in Heterogeneous Catalyst Design for Oxidative Coupling of Methane

Shun Nishimura[1*], Xinyue Li[1], Junya Ohyama[2] and Keisuke Takahashi[3*]

[1] *Graduate School of Advanced Science and Technology, Japan Advanced Institute of Science and Technology, 1-1 Asahidai, Nomi 923-1292, Japan*
[2] *Faculty of Advanced Science and Technology, Kumamoto University, 2-39-1 Kurokami, Chuo-ku, Kumamoto 860-8555, Japan*
[3] *Department of Chemistry, Hokkaido University, North-10, West-8, Sapporo 060-0810, Japan*

[*] Corresponding authors: s_nishim@jaist.ac.jp (SN), keisuke.takahashi@sci.hokudai.ac.jp (KT)

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List0.csv: Dataset history used as input data for prediction in the present study

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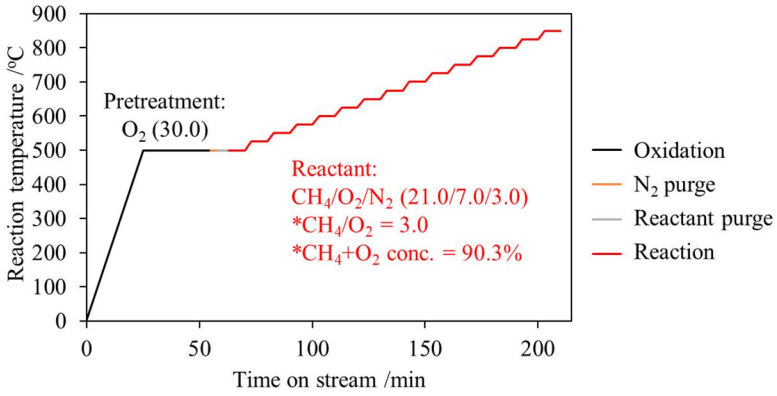

Figure S1 Sequence of reaction temperatures and gas compositions for catalyst evaluation.

It is noteworthy that an N_2 flow (30.0 mL min^{-1}) was done before switching to the reaction atmosphere, and also that $CH_4/O_2/N_2$ flow (21.0/7.0/3.0 mL min^{-1}) was kept for 5 min before starting the reaction protocol. Each temperature is held for 7 min. The ramping rate between temperatures was 3 min. Conversion and yield are found using the following equations:

$$CH_4 \text{ conversion} = \frac{\{(CH_{4\_inlet}/N_{2\_inlet}) - (CH_{4\_outlet}/N_{2\_outlet})\}}{CH_{4\_inlet}/N_{2\_inlet}} \times 100 \ (\%)$$

$$O_2 \text{ conversion} = \frac{\{(O_{2\_inlet}/N_{2\_inlet}) - (O_{2\_outlet}/N_{2\_outlet})\}}{O_{2\_inlet}/N_{2\_inlet}} \times 100 \ (\%)$$

$$H_2 \text{ yield} = \frac{\frac{1}{2}(H_{2\_outlet}/N_{2\_outlet})}{CH_{4\_inlet}/N_{2\_inlet}} \times 100 \ (\%)$$

$$CO \text{ yield} = \frac{CO_{\_outlet}/N_{2\_outlet}}{CH_{4\_inlet}/N_{2\_inlet}} \times 100 \ (\%)$$

$$CO_2 \text{ yield} = \frac{CO_{2\_outlet}/N_{2\_outlet}}{CH_{4\_inlet}/N_{2\_inlet}} \times 100 \ (\%)$$

$$C_2H_6 \text{ yield} = \frac{2(C_2H_{6\_outlet}/N_{2\_outlet})}{CH_{4\_inlet}/N_{2\_inlet}} \times 100 \ (\%)$$

$$C_2H_4 \text{ yield} = \frac{2(C_2H_{4\_outlet}/N_{2\_outlet})}{CH_{4\_inlet}/N_{2\_inlet}} \times 100 \ (\%)$$

$$C_2 \text{ yield} = C_2H_6 \text{ yield} + C_2H_4 \text{ yield} \ (\%)$$

$$C_2 \text{ selectivity} = \frac{C_2 \text{ yield}}{CH_4 \text{ conv.}} \times 100 \ (\%)$$

$$\text{Carbon missing} = CH_4 \text{ conversion} - (\text{sum of } CO, CO_2, C_2H_6 \text{ and } C_2H_4 \text{ yield}) \ (\%)$$

$$\text{Standard deviation } (\sigma) = \sqrt{\frac{(C_2 \text{ yield}_{\text{1st trial}} - C_2 \text{ yield}_{\text{avg}})^2 + (C_2 \text{ yield}_{\text{2nd or 3rd trial}} - C_2 \text{ yield}_{\text{avg}})^2}{2}} \ (\%)$$

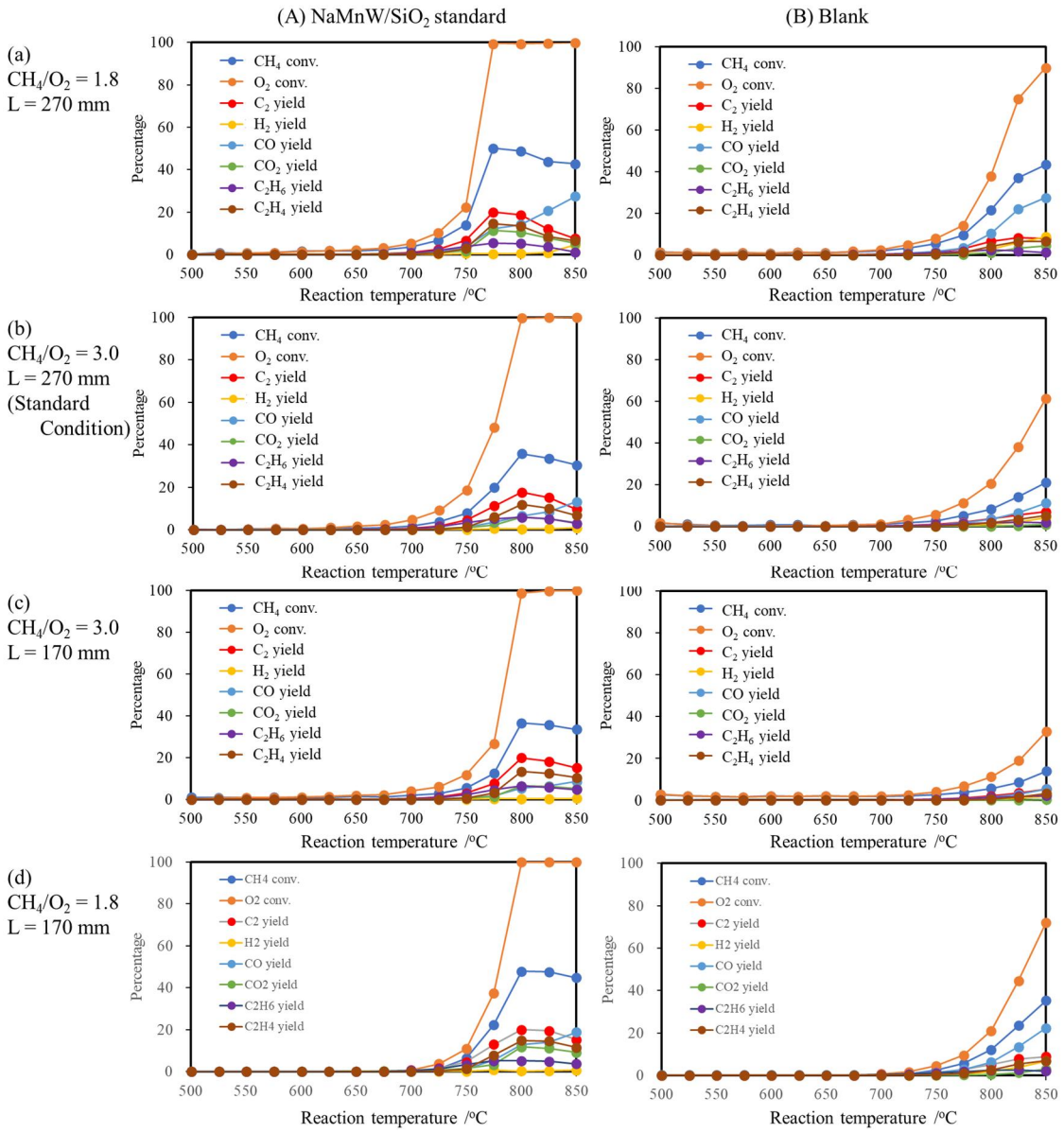

Figure S2 (A) As-prepared NaMnW/SiO_2 standard catalyst and (B) blank performance under different experimentation conditions. Reaction conditions: Cat. 50 mg (or 0 mg), CH_4 + O_2 conc. = 90.3%, 31.0 ml min^{-1} total flow, (a) CH_4/O_2 = 1.8, 270 mm furnace length, (b) CH_4/O_2 = 3.0, 270 mm furnace length, which is the standard condition in this paper, (c) CH_4/O_2 = 3.0, 170 mm furnace length, and (d) CH_4/O_2 = 1.8, 170 mm furnace length.

The best C_2 yield for NaMnW/SiO_2 standard catalyst is changed from 17.6% (800°C) at CH_4/O_2 = 3.0 to 19.9% (775°C) at CH_4/O_2 = 1.8 with an increase of CH_4 conversion value from 35.7% to 50.1% using a 270 mm length furnace. However, overoxidation products such as CO and CO_2 yield are also increased under the O_2-rich condition. Although usage of a shorter 170 mm length of the furnace at CH_4/O_2 = 3.0 also presents a positive effect on the best C_2 yield value affording 19.9% (800°C) for NaMnW/SiO_2 standard. Moreover, at CH_4/O_2 = 1.8 and a 170 mm length of the furnace, the best C_2 yield value was found to be 20.0% (800°C) with a CH_4 conversion value of 47.9%.

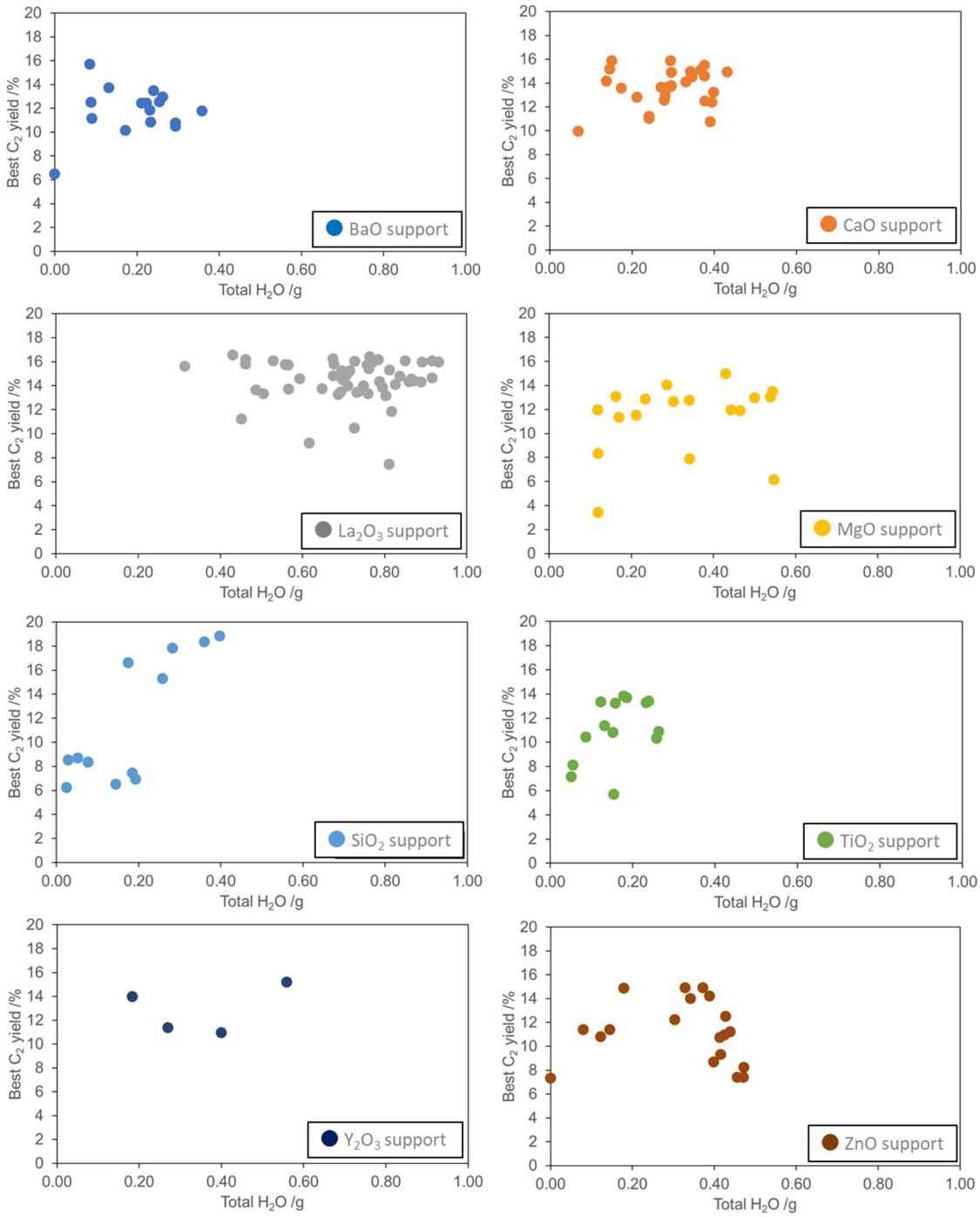

Figure S3 Relations between the sum of H_2O and the best C_2 yield in each support category.

Table S1 List of chemicals

Atomic no.	Element	Salt/Support resource	Supplier	Purity
3	Li	$LiNO_3$	Wako	98.0%
11	Na	$NaNO_3$	Kanto	99.0%
12	Mg	$Mg(NO_3)_2•6H_2O$	Wako	99.0%
		MgO	Kanto	99.99%
14	Si	SiO_2 (60N)	Kanto	-
19	K	KNO_3	Wako	99.0%
20	Ca	$Ca(NO_3)_2•4H_2O$	Wako	98.5%
		CaO	Kanto	99.90%
22	Ti	$Ti(OiPr)_4$	Fujifilm-Wako	95.0%
		TiO_2 (anatase)	Kanto	98.50%
25	Mn	$Mn(NO_3)_2•6H_2O$	Fujifilm-Wako	98.0%
30	Zn	$Zn(NO_3)_2•6H_2O$	Wako	99.0%
		ZnO	Kanto	99.0%
37	Rb	RbCl	Wako	95.0%
38	Sr	$Sr(NO_3)_2$	Fujifilm-Wako	100.0%
39	Y	$Y(NO_3)_3•6H_2O$	Sigma-Aldrich	99.8%
		Y_2O_3	Fujifilm-Wako	99.99%
40	Zr	$ZrO(NO_3)_2•2H_2O$	Wako	97.0%
42	Mo	$(NH_4)_6Mo_7O_{24}•4H_2O$	Kanto	99.0%
50	Sn	$SnCl_2•2H_2O$	Kanto	97.0%
55	Cs	$CsNO_3$	Sigma	99.0%
56	Ba	$Ba(CH_3COO)_2$	Fujifilm-Wako	99.9%
		BaO	Wako	90.00%
57	La	$La(NO_3)_3•6H_2O$	Wako	99.9%
		La_2O_3	Kanto	98.00%
58	Ce	$Ce(NO_3)_3•6H_2O$	Wako	98.0%
60	Nd	$Nd(NO_3)_3•6H_2O$	Sigma	99.9%
62	Sm	$Sm(NO_3)_3•6H_2O$	Aldrich	99.9%
63	Eu	$Eu(NO_3)_3•5H_2O$	Sigma-Aldrich	99.9%
72	Hf	$Cl_2HfO•8H_2O$	STREM	98.0%[a)]
74	W	$5(NH_4)_2O•12WO_3•5H_2O$	Kanto	89.0%
82	Pb	$Pb(NO_3)_2$	Wako	99.5%
83	Bi	$BiCl_3$	Wako	97.0%

a) +1.5% Zr contents

Table S2 OCM performances of standard $NaMnW/SiO_2$ and blank catalysts[a)]

Cat	furnace length /mm	CH_4/O_2 ratio	H_2O /g[b)]	Temp /℃	O_2 Conv. /%	CH_4 Conv. /%	H_2 yield /%	CO yield /%	C_2H_6 yield /%	CO_2 yield /%	C_2H_4 yield /%	C_2 yield /%	C missing /%	C_2 sel /%[c)]
$NaMnW/SiO_2$ (STD)	270	3.0	0.22	500	-0.6	0.0	0.0	0.1	0.1	0.0	0.0	0.1	-0.2	
				525	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	
				550	0.2	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.2	
				575	0.6	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.3	
				600	0.5	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.3	
				625	1.0	0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.7	
				650	1.6	0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.6	
				675	2.4	0.8	0.0	0.0	0.2	0.2	0.0	0.2	0.4	
				700	4.6	1.6	0.0	0.2	0.6	0.4	0.0	0.6	0.5	
				725	9.1	3.8	0.1	0.5	1.5	0.6	0.3	1.7	0.9	
				750	18.6	7.9	0.2	1.2	3.2	1.1	1.3	4.5	1.0	
				775	48.2	19.8	0.5	3.5	5.2	2.3	6.0	11.2	2.8	56.6
				800	99.6	35.7	0.3	6.5	5.8	5.9	11.8	17.6	5.7	49.3
				825	99.8	33.5	0.4	8.5	5.0	5.1	10.1	15.1	4.8	45.1
				850	100	30.4	0.9	13.2	2.9	3.3	6.7	9.7	4.3	31.7
Blank	270	3.0	0.03	500	1.7	1.6	0.0	0.2	0.0	0.0	0.0	0.0	1.4	
				525	0.7	1.1	0.0	0.2	0.0	0.0	0.0	0.0	0.9	
				550	0.4	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.4	
				575	0.1	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.3	
				600	0.2	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.7	
				625	0.3	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.8	
				650	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.2	
				675	0.7	0.9	0.0	0.1	0.1	0.0	0.0	0.1	0.7	
				700	1.1	1.0	0.0	0.1	0.2	0.0	0.0	0.2	0.7	
				725	3.3	2.0	0.1	0.3	0.4	0.0	0.1	0.5	1.1	
				750	5.7	2.7	0.2	0.9	0.9	0.0	0.2	1.1	0.8	
				775	11.4	5.2	0.5	1.8	1.4	0.0	0.7	2.1	1.3	
				800	20.7	8.3	1.1	3.5	1.9	0.1	1.7	3.6	1.1	
				825	38.2	14.3	2.2	6.5	2.1	0.4	3.4	5.6	1.8	38.9
				850	61.3	21.1	4.2	11.2	1.9	0.9	5.2	7.1	1.9	33.7
$NaMnW/SiO_2$ (STD)	270	1.8	0.34	500	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-13.2	
				525	0.5	0.9	0.0	0.2	0.0	0.0	0.0	0.0	0.7	
				550	0.7	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.2	
				575	0.9	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.8	

				600	1.4	1.6	0.0	0.1	0.0	0.0	0.0	0.0	1.5	
				625	1.8	1.8	0.0	0.1	0.0	0.1	0.0	0.0	1.6	
				650	2.1	1.8	0.0	0.1	0.1	0.1	0.0	0.1	1.5	
				675	3.0	2.2	0.0	0.2	0.2	0.3	0.0	0.3	1.5	
				700	5.2	3.6	0.1	0.5	0.7	0.6	0.1	0.8	1.8	
				725	10.2	6.6	0.2	1.3	1.9	0.9	0.6	2.5	1.9	
				750	22.1	13.9	0.4	3.4	3.9	1.7	2.7	6.6	2.2	47.5
				775	99.6	50.1	0.3	12.2	5.4	11.3	14.6	19.9	6.7	39.8
				800	99.5	48.8	0.4	14.1	5.2	10.5	13.4	18.6	5.5	38.2
				825	99.8	43.9	0.9	20.7	3.5	7.6	8.4	11.9	3.6	27.2
				850	100	42.8	4.5	27.4	1.1	5.3	6.5	7.5	2.6	17.6
Blank	270	1.8	0.14	500	1.3	1.3	0.0	0.2	0.0	0.0	0.0	0.0	1.1	
				525	1.1	1.1	0.0	0.2	0.0	0.0	0.0	0.0	0.9	
				550	0.8	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.6	
				575	1.1	1.1	0.0	0.2	0.0	0.0	0.0	0.0	0.9	
				600	0.9	0.7	0.0	0.2	0.0	0.0	0.0	0.0	0.6	
				625	1.3	1.2	0.0	0.1	0.0	0.0	0.0	0.0	1.0	
				650	1.0	1.1	0.1	0.1	0.0	0.0	0.0	0.0	0.9	
				675	1.8	1.5	0.1	0.1	0.1	0.0	0.0	0.1	1.2	
				700	2.4	2.0	0.1	0.1	0.3	0.1	0.0	0.3	1.6	
				725	4.9	3.3	0.3	0.8	0.6	0.1	0.1	0.8	1.6	
				750	7.8	5.5	0.5	1.7	1.1	0.2	0.4	1.5	2.2	
				775	14.2	9.6	1.1	3.4	1.8	0.4	1.2	3.0	2.7	
				800	37.7	21.4	2.8	10.3	2.5	1.1	4.1	6.6	3.5	30.8
				825	75.1	37.1	6.0	22.0	1.9	3.2	6.4	8.4	3.6	22.5
				850	90.0	43.3	8.7	27.5	1.3	4.5	6.5	7.8	3.5	18.1
$NaMnW/SiO_2$ (STD)	170	3.0	0.18	500	0.3	0.9	0.0	0.2	0.0	0.0	0.0	0.0	0.8	
				525	0.5	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.7	
				550	0.9	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.8	
				575	0.9	1.0	0.0	0.1	0.0	0.0	0.0	0.0	0.9	
				600	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	
				625	1.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	
				650	1.9	1.4	0.0	0.0	0.0	0.1	0.0	0.0	1.2	
				675	2.2	1.2	0.0	0.0	0.1	0.2	0.0	0.1	0.9	
				700	4.0	2.0	0.0	0.1	0.4	0.3	0.0	0.4	1.2	
				725	6.1	2.8	0.0	0.3	1.0	0.5	0.1	1.1	0.9	
				750	11.7	5.5	0.1	0.6	2.4	0.7	0.6	3.0	1.1	

				775	26.7	12.5	0.3	1.6	4.6	1.3	3.1	7.7	1.8	61.6
				800	98.6	36.6	0.3	5.4	6.5	6.4	13.4	19.9	4.9	54.2
				825	99.7	35.6	0.4	6.5	5.8	6.2	12.4	18.2	4.7	51.1
				850	99.9	33.5	0.5	8.6	4.7	5.2	10.5	15.1	4.5	45.2
Blank	170	3.0	0.00	500	2.9	2.8	0.0	0.2	0.0	0.0	0.0	0.0	2.6	
				525	2.1	2.0	0.0	0.2	0.0	0.0	0.0	0.0	1.9	
				550	1.8	1.8	0.0	0.1	0.0	0.0	0.0	0.0	1.7	
				575	1.5	1.5	0.0	0.1	0.0	0.0	0.0	0.0	1.4	
				600	1.9	2.0	0.0	0.1	0.0	0.0	0.0	0.0	1.9	
				625	1.8	1.8	0.0	0.1	0.0	0.0	0.0	0.0	1.7	
				650	2.0	2.1	0.0	0.1	0.0	0.0	0.0	0.0	2.0	
				675	1.9	1.9	0.0	0.1	0.1	0.0	0.0	0.1	1.8	
				700	2.1	1.7	0.0	0.1	0.1	0.0	0.0	0.1	1.6	
				725	2.6	2.1	0.0	0.1	0.2	0.0	0.0	0.2	1.8	
				750	4.0	2.7	0.1	0.3	0.4	0.0	0.1	0.5	1.9	
				775	6.7	3.7	0.2	0.7	0.8	0.0	0.2	1.0	2.0	
				800	11.3	5.7	0.4	1.5	1.4	0.0	0.6	2.0	2.2	
				825	19.0	8.7	0.9	2.9	1.9	0.1	1.6	3.5	2.2	
				850	32.9	13.9	2.0	5.4	2.2	0.3	3.2	5.4	2.9	38.8
NaMnW/SiO2	170	1.8	0.26	500	-2.1	-1.1	0.0	0.1	0.0	0.0	0.0	0.0	-1.2	
				525	-1.9	-1.5	0.0	0.2	0.0	0.0	0.0	0.0	-1.7	
				550	-1.9	-1.6	0.0	0.1	0.0	0.0	0.0	0.0	-1.8	
				575	-2.1	-1.7	0.0	0.1	0.0	0.0	0.0	0.0	-1.9	
				600	-1.6	-1.5	0.0	0.1	0.0	0.0	0.0	0.0	-1.7	
				625	-1.5	-1.6	0.0	0.1	0.0	0.1	0.0	0.0	-1.7	
				650	-1.1	-1.4	0.0	0.1	0.0	0.1	0.0	0.0	-1.6	
				675	-0.8	-1.4	0.0	0.1	0.1	0.2	0.0	0.1	-1.8	
				700	0.9	-0.4	0.0	0.2	0.5	0.5	0.0	0.5	-1.7	
				725	3.8	1.4	0.1	0.5	1.4	0.8	0.2	1.7	-1.7	
				750	10.9	6.4	0.2	1.4	3.3	1.4	1.4	4.7	-1.1	
				775	37.6	22.4	0.9	5.5	5.2	3.3	7.8	13.0	0.6	58.2
				800	99.9	47.9	0.3	12.9	5.2	11.8	14.8	20.0	3.2	41.8
				825	99.9	47.6	0.4	13.9	4.9	11.2	14.6	19.6	2.9	41.1
				850	99.9	44.7	0.7	18.9	3.8	9.2	11.5	15.3	1.4	34.2
blank	170	1.8	0.08	500	-0.5	-1.3	0.0	0.2	0.0	0.0	0.0	0.0	-1.4	
				525	-0.7	-0.8	0.0	0.2	0.0	0.0	0.0	0.0	-1.0	
				550	-0.2	-0.3	0.0	0.2	0.0	0.0	0.0	0.0	-0.4	

575	-0.5	-0.4	0.0	0.1	0.0	0.0	0.0	0.0	-0.5	
600	-0.6	-0.6	0.0	0.1	0.0	0.0	0.0	0.0	-0.7	
625	-0.3	-0.4	0.0	0.1	0.0	0.0	0.0	0.0	-0.5	
650	-0.4	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	-0.4	
675	-0.2	-0.4	0.0	0.1	0.1	0.0	0.0	0.1	-0.6	
700	0.7	0.3	0.1	0.1	0.2	0.0	0.0	0.3	-0.1	
725	1.6	0.7	0.2	0.5	0.5	0.0	0.1	0.6	-0.4	
750	4.5	2.5	0.3	1.3	1.0	0.1	0.3	1.3	-0.1	
775	9.5	5.6	0.8	2.8	1.8	0.1	0.9	2.7	-0.1	
800	21.1	12.1	1.7	6.2	2.4	0.4	2.6	5.0	0.5	41.5
825	44.6	23.5	3.7	13.4	2.6	1.2	5.2	7.8	1.1	33.1
850	72.1	35.3	6.7	22.4	2.0	2.9	6.8	8.8	1.2	25.0

[a)]Total flow: 31.0 ml min^{-1}, including N_2 balance (3.0 ml min^{-1}, const.). [b)]H_2O weight collected in the trap located after the reactor tube includes the sum of water production during at pre-treatment and reaction. [c)]When the C_2 yield lower than 5.0%, C_2 selectivity is not displayed.

Table S3 OCM performance of M1-M2-M3/Support catalysts under the flow of $CH_4/O_2/N_2$ = 21.0/7.0/3.0 ml min^{-1}

No.	Resource	M1	M2	M3	Support	H_2O /g[a)]	Temp /℃	O_2 Conv. /%	CH_4 Conv. /%	H_2 yield /%	CO yield /%	C_2H_6 yield /%	CO_2 yield /%	C_2H_4 yield /%	C_2 yield /%[b)]	C missing /%	C_2 sel /%[c)]
1	SVR-1	Na	Ce	W	TiO_2	0.12	500	-0.6	-0.5	0.0	0.1	0.0	0.0	0.0	0.0	-0.6	
							525	0.9	1.1	0.0	0.1	0.0	0.0	0.0	0.0	1.0	
							550	0.4	1.0	0.0	0.1	0.0	0.0	0.0	0.0	1.0	
							575	0.5	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.6	
							600	0.8	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.8	
							625	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	
							650	0.6	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.1	
							675	1.1	0.5	0.1	0.0	0.1	0.1	0.0	0.1	0.3	
							700	2.0	1.1	0.1	0.2	0.2	0.1	0.0	0.2	0.5	
							725	3.4	1.9	0.1	0.3	0.4	0.2	0.0	0.5	0.9	
							750	6.3	2.9	0.1	0.6	1.0	0.2	0.2	1.1	0.9	
							775	12.5	5.3	0.2	1.3	1.9	0.4	0.6	2.5	1.1	
							800	26.7	10.5	0.4	2.9	3.0	0.9	2.1	5.2	1.6	49.0
							825	97.5	30.9	0.7	7.9	4.5	5.8	8.9	**13.3**	3.9	43.1
							850	98.1	31.2	0.9	8.6	4.1	5.5	9.2	**13.2**	3.8	42.5
2	SVR-1	Li	Mn	W	SiO_2	0.18	500	-1.0	-0.4	0.0	0.1	0.0	0.0	0.0	0.0	-0.5	
							525	-0.7	-0.4	0.0	0.1	0.0	0.0	0.0	0.0	-0.5	
							550	-1.3	-1.1	0.0	0.1	0.0	0.0	0.0	0.0	-1.2	
							575	-0.5	-0.4	0.0	0.1	0.0	0.0	0.0	0.0	-0.5	
							600	-0.5	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	
							625	0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	
							650	0.9	-0.1	0.0	0.0	0.1	0.1	0.0	0.1	-0.4	
							675	2.0	-0.1	0.0	0.0	0.2	0.2	0.0	0.3	-0.6	
							700	5.6	1.6	0.1	0.4	0.7	0.4	0.1	0.8	0.0	
							725	10.9	3.7	0.1	0.9	1.7	0.7	0.4	2.2	-0.1	
							750	22.7	9.2	0.3	2.0	3.3	1.0	1.9	5.3	0.9	57.5
							775	55.0	21.4	0.9	5.3	4.6	2.0	7.0	**11.6**	2.5	54.1
							800	99.8	34.8	0.4	8.2	5.0	4.7	11.6	**16.6**	5.3	47.7
							825	99.8	33.9	0.5	9.6	4.5	4.1	10.7	**15.2**	5.1	44.7
							850	99.9	30.4	0.8	12.4	3.2	3.2	8.5	**11.6**	3.1	38.3
3	SVR-1	Li	La	None	MgO	0.23	500	4.4	0.8	0.6	0.8	0.0	0.4	0.0	0.0	-0.5	
							525	9.7	2.9	1.1	1.4	0.0	1.0	0.0	0.0	0.5	
							550	18.7	4.7	2.0	2.5	0.0	2.2	0.0	0.0	0.1	

							575	39.4	9.5	3.9	4.1	0.0	5.2	0.0	0.0	0.1	
							600	86.3	19.6	6.5	5.4	1.0	12.8	0.3	1.3	0.1	
							625	99.0	24.6	5.2	4.0	3.5	14.5	1.9	**5.4**	0.8	21.7
							650	99.8	26.6	4.5	3.2	4.5	14.2	3.4	**7.9**	1.3	29.6
							675	100	27.9	4.1	2.7	4.8	13.9	4.5	**9.3**	2.0	33.5
							700	100	28.8	3.9	2.4	5.0	13.8	5.4	**10.4**	2.3	36.1
							725	100	29.5	3.8	2.2	5.0	13.6	6.1	**11.1**	2.6	37.8
							750	100	30.4	3.8	2.3	4.9	13.3	6.7	**11.7**	3.2	38.3
							775	100	32.2	3.7	2.5	4.9	12.7	7.5	**12.4**	4.6	38.4
							800	99.9	31.6	3.9	2.9	4.8	12.4	8.1	**12.9**	3.5	40.6
							825	99.9	32.7	4.1	3.2	4.4	12.2	8.4	**12.8**	4.5	39.1
							850	100	32.2	4.7	3.8	3.6	12.2	8.5	**12.1**	4.2	37.5
4	SVR-1	Li	Zn	Ce	MgO	0.21	500	1.1	-1.3	0.3	0.1	0.0	0.3	0.0	0.0	-1.7	
							525	5.5	0.4	0.5	0.7	0.0	0.7	0.0	0.0	-1.1	
							550	13.3	2.1	0.8	1.2	0.0	1.8	0.0	0.0	-0.9	
							575	32.5	5.9	1.3	2.3	0.0	4.3	0.0	0.0	-0.6	
							600	66.2	12.9	3.2	3.5	0.4	9.7	0.1	0.5	-0.7	
							625	94.4	21.4	3.9	2.2	3.0	14.6	1.5	4.5	0.0	
							650	99.9	26.0	3.0	0.9	5.1	15.0	4.0	**9.1**	1.1	34.8
							675	100	27.8	2.3	0.8	5.7	14.2	5.1	**10.8**	2.0	38.9
							700	100	28.3	2.0	0.8	5.8	13.8	5.7	**11.5**	2.2	40.6
							725	100	28.3	1.9	0.9	5.7	13.7	5.8	**11.5**	2.2	40.7
							750	100	27.4	1.8	1.0	5.0	13.8	5.6	**10.6**	2.0	38.7
							775	100	25.4	2.3	1.6	3.2	14.1	4.7	**8.0**	1.7	31.5
							800	100	25.6	5.1	4.1	1.2	13.8	4.7	**5.9**	1.8	23.0
							825	100	27.5	8.2	7.1	0.8	13.2	4.9	**5.7**	1.5	20.6
							850	100	31.1	9.5	9.0	0.5	12.1	4.5	**5.0**	5.0	16.0
5	SVR-1	Li	Na	Ce	TiO_2	0.18	500	-0.9	-0.2	0.0	8.4	0.0	0.0	0.0	0.0	-8.5	
							525	-0.9	-0.3	0.0	0.6	0.0	0.0	0.0	0.0	-0.9	
							550	-0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
							575	-0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
							600	-0.8	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	
							625	-0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
							650	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
							675	0.5	0.2	0.1	0.1	0.1	0.1	0.0	0.1	-0.1	
							700	2.0	0.8	0.1	0.2	0.3	0.2	0.0	0.3	0.1	
							725	4.5	1.7	0.2	0.5	0.7	0.3	0.1	0.8	0.0	

							750	9.7	3.3	0.4	1.1	1.5	0.6	0.4	2.0	-0.5	
							775	22.5	8.9	0.7	2.3	2.8	1.1	1.8	4.6	0.8	
							800	53.3	19.5	1.6	5.5	3.9	2.5	6.0	**9.8**	1.7	50.4
							825	99.9	30.9	1.8	6.8	4.7	8.0	9.2	**13.8**	2.4	44.6
							850	100	29.7	2.9	9.0	3.5	7.3	8.0	**11.5**	1.9	38.6
6	SVR-1	Mn	Rb	W	SiO_2	0.28	500	-3.0	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	-1.7	
							525	-2.4	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-1.6	
							550	-2.3	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	-1.4	
							575	-2.5	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	-1.9	
							600	-1.7	-1.1	0.0	0.0	0.0	0.1	0.0	0.0	-1.2	
							625	-1.0	-1.0	0.0	0.0	0.0	0.1	0.0	0.0	-1.2	
							650	0.5	-0.8	0.0	0.0	0.1	0.3	0.0	0.1	-1.2	
							675	3.1	-0.4	0.0	0.2	0.3	0.7	0.0	0.3	-1.6	
							700	10.4	2.0	0.0	0.5	1.1	1.3	0.2	1.3	-1.2	
							725	23.5	6.5	0.1	1.3	3.1	2.4	1.2	4.3	-1.5	
							750	62.6	22.3	0.2	3.2	6.3	4.7	7.0	**13.3**	1.1	59.8
							775	100	33.8	0.2	5.3	6.2	7.2	11.6	**17.8**	3.4	52.7
							800	100	33.4	0.3	6.3	5.6	6.8	10.6	**16.2**	4.1	48.5
							825	100	30.7	0.5	8.8	4.5	5.8	8.8	**13.3**	2.7	43.4
							850	100	27.4	1.4	13.3	2.5	4.0	6.7	**9.3**	0.8	33.9
7	SVR-1	K	Mn	W	SiO_2	0.40	500	-3.1	-3.1	0.0	0.0	0.0	0.0	0.0	0.0	-3.1	
							525	-2.9	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	
							550	-2.5	-2.7	0.0	0.0	0.0	0.0	0.0	0.0	-2.7	
							575	-3.4	-3.2	0.0	0.0	0.0	0.0	0.0	0.0	-3.3	
							600	-1.9	-3.0	0.0	0.0	0.0	0.1	0.0	0.0	-3.1	
							625	-0.7	-2.4	0.0	0.1	0.0	0.3	0.0	0.0	-2.8	
							650	2.1	-1.8	0.0	0.2	0.1	0.6	0.0	0.1	-2.7	
							675	8.5	-0.5	0.0	0.5	0.6	1.3	0.1	0.7	-2.9	
							700	20.8	3.6	0.1	1.1	2.2	2.4	0.6	2.9	-2.7	
							725	48.5	14.9	0.2	2.6	5.3	4.1	4.4	**9.6**	-1.5	64.9
							750	100	33.4	0.2	5.4	6.3	7.1	12.5	**18.8**	2.1	56.4
							775	100	32.6	0.3	6.4	5.8	6.5	12.3	**18.1**	1.6	55.6
							800	100	31.6	0.5	7.5	5.2	6.1	11.5	**16.7**	1.4	52.8
							825	100	29.4	0.7	9.9	4.2	5.2	9.5	**13.7**	0.7	46.5
							850	100	26.4	1.7	13.9	2.4	3.7	7.0	**9.4**	-0.6	35.6
8	SVR-1	Li	Ce	None	CaO	0.40	500	-2.4	-1.0	0.0	0.1	0.0	0.1	0.0	0.0	-1.1	
							525	-0.5	-0.8	0.1	0.1	0.0	0.1	0.0	0.0	-1.1	

							550	0.5	-0.6	0.1	0.1	0.0	0.2	0.0	0.0	-0.9	
							575	2.0	-0.4	0.2	0.1	0.0	0.4	0.0	0.0	-0.9	
							600	4.8	0.5	0.4	0.4	0.0	0.8	0.0	0.0	-0.7	
							625	10.1	1.7	0.6	0.8	0.0	1.4	0.0	0.0	-0.6	
							650	20.1	3.8	0.9	1.5	0.2	2.6	0.0	0.2	-0.4	
							675	32.1	6.7	1.3	2.3	0.7	4.0	0.1	0.8	-0.4	
							700	46.4	10.9	1.7	2.9	2.1	5.7	0.6	2.6	-0.3	
							725	63.6	17.9	2.9	3.1	4.1	8.0	2.6	**6.7**	0.2	37.3
							750	100	29.0	2.1	2.1	5.8	12.5	7.4	**13.2**	1.1	45.6
							775	100	28.9	2.1	2.0	5.6	12.7	7.5	**13.2**	1.1	45.5
							800	100	28.4	2.3	2.2	5.3	12.7	7.5	**12.8**	0.7	45.0
							825	100	27.9	2.8	2.7	4.5	12.8	7.2	**11.8**	0.6	42.1
							850	100	27.1	4.3	4.5	2.9	12.7	6.1	**9.0**	0.9	33.4
9	SVR-1	Na	Mn	W	SiO_2	0.36	500	-1.9	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.0	
							525	-1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	
							550	-1.1	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	
							575	-1.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	
							600	-1.1	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	
							625	-0.4	-0.5	0.0	0.0	0.0	0.1	0.0	0.0	-0.6	
							650	0.5	-0.3	0.0	0.1	0.0	0.2	0.0	0.0	-0.6	
							675	3.0	0.1	0.0	0.2	0.1	0.5	0.0	0.1	-0.7	
							700	8.1	1.3	0.0	0.4	0.5	1.0	0.1	0.5	-0.7	
							725	18.1	4.5	0.1	1.0	1.7	1.9	0.4	2.1	-0.5	
							750	39.5	12.8	0.2	2.2	4.2	3.3	2.8	**7.0**	0.2	55.0
							775	99.5	34.9	0.2	4.8	6.5	7.5	11.9	**18.3**	4.3	52.6
							800	100	33.9	0.3	5.7	5.9	7.0	11.4	**17.3**	3.9	51.0
							825	100	33.3	0.4	7.1	5.1	6.3	10.5	**15.6**	4.2	47.0
							850	100	30.3	0.6	10.3	3.8	4.8	8.6	**12.4**	2.8	41.0
10	SVR-1	Li	Mo	Ce	MgO	0.12	500	-0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
							525	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
							550	0.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
							575	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	
							600	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
							625	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	
							650	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
							675	1.5	1.4	0.0	0.1	0.0	0.1	0.0	0.0	1.2	
							700	2.9	1.4	0.0	0.2	0.1	0.2	0.0	0.1	0.9	

							725	6.2	2.5	0.1		0.6	0.3	0.3	0.0	0.3	1.2	
							750	13.8	3.9	0.2		1.5	0.6	0.8	0.1	0.7	0.8	
							775	32.4	8.2	0.4		3.7	0.9	2.0	0.4	1.4	1.2	
							800	76.3	17.2	0.5		7.6	0.9	5.8	0.8	1.7	2.1	
							825	87.3	19.1	0.6		8.6	0.9	6.7	1.4	2.3	1.5	
							850	94.2	21.5	0.7		9.5	1.0	6.9	2.4	**3.4***	1.7	
11	SVR-1	Na	Rb	W	SiO_2	0.03	500	-0.6	-0.7	0.0		0.0	0.0	0.0	0.0	0.0	-0.8	
							525	-0.1	-0.4	0.0		0.0	0.0	0.0	0.0	0.0	-0.4	
							550	0.2	-0.3	0.0		0.0	0.0	0.0	0.0	0.0	-0.3	
							575	0.4	-0.1	0.0		0.0	0.0	0.0	0.0	0.0	-0.2	
							600	0.1	-0.4	0.0		0.0	0.0	0.0	0.0	0.0	-0.5	
							625	0.4	-0.2	0.0		0.0	0.0	0.0	0.0	0.0	-0.3	
							650	0.4	-0.4	0.0		0.0	0.1	0.0	0.0	0.1	-0.5	
							675	1.2	0.0	0.0		0.0	0.1	0.0	0.0	0.1	-0.2	
							700	1.8	0.2	0.0		0.0	0.2	0.1	0.0	0.2	-0.2	
							725	3.2	0.8	0.0		0.3	0.5	0.1	0.1	0.5	-0.2	
							750	5.7	1.7	0.1		0.6	0.9	0.2	0.2	1.1	-0.2	
							775	11.6	4.1	0.1		1.3	1.6	0.4	0.7	2.2	0.2	
							800	22.6	8.2	0.3		2.6	2.3	0.6	1.8	4.2	0.8	
							825	42.4	14.4	0.5		5.1	2.7	1.2	3.9	**6.6**	1.5	45.8
							850	70.5	21.9	0.6		8.8	2.6	2.2	5.9	**8.5**	2.4	39.0
12	SVR-1	Li	Ce	Eu	MgO	0.12	500	3.1	-1.8	0.2		0.1	0.0	0.8	0.0	0.0	-2.7	
							525	10.0	-0.2	0.2		0.3	0.0	1.8	0.0	0.0	-2.3	
							550	24.1	2.4	0.2		0.6	0.0	3.8	0.0	0.0	-2.1	
							575	52.8	7.4	0.3		1.2	0.1	8.0	0.0	0.1	-1.9	
							600	88.7	15.1	0.9		3.8	1.3	11.7	0.3	1.6	-2.0	
							625	95.3	20.2	3.1		3.2	3.4	13.8	1.4	4.8	-1.6	
							650	99.0	24.3	3.3		2.1	4.9	14.5	3.4	**8.3**	-0.5	34.1
							675	100	26.1	2.8		1.5	5.6	14.2	4.7	**10.3**	0.0	39.6
							700	100	26.9	2.5		1.3	5.9	13.9	5.6	**11.5**	0.3	42.6
							725	100	27.6	2.2		1.2	5.9	13.7	6.1	**12.0**	0.8	43.2
							750	100	26.6	2.1		1.2	5.4	13.6	6.2	**11.6**	0.1	43.5
							775	100	24.7	2.6		1.8	3.8	14.1	5.4	**9.1**	-0.3	37.0
							800	100	23.2	5.2		4.2	1.3	14.3	4.5	**5.8**	-1.1	25.1
							825	100	25.0	8.3		7.2	0.6	13.6	4.4	**5.1**	-0.9	20.4
							850	100	25.8	10.3		9.6	0.4	13.0	4.0	4.4	-1.1	
13	SVR-1	Li	Ba	None	La_2O_3	0.31	500	0.2	1.0	0.1		0.0	0.0	0.1	0.0	0.0	0.9	

							525	0.1	0.4	0.1	0.1	0.0	0.1	0.0	0.0	0.2	
							550	1.3	0.9	0.2	0.1	0.0	0.2	0.0	0.0	0.6	
							575	2.0	1.4	0.3	0.2	0.0	0.4	0.0	0.0	0.8	
							600	2.9	1.2	0.4	0.3	0.1	0.5	0.0	0.1	0.4	
							625	4.8	2.1	0.6	0.4	0.2	0.8	0.0	0.3	0.7	
							650	8.0	2.8	0.9	0.6	0.6	1.2	0.1	0.7	0.3	
							675	12.8	5.0	1.1	0.8	1.5	1.7	0.3	1.8	0.7	
							700	19.0	8.0	1.1	0.7	3.3	2.4	1.0	4.3	0.5	
							725	92.7	30.8	1.7	1.7	6.7	10.7	8.7	**15.4**	3.0	50.0
							750	97.0	31.8	1.9	1.9	6.6	11.2	9.0	**15.6**	3.1	49.0
							775	98.8	31.9	2.0	2.0	6.4	11.5	9.1	**15.5**	2.9	48.5
							800	99.5	31.6	2.2	2.2	6.0	11.8	9.1	**15.1**	2.6	47.6
							825	99.7	31.1	2.6	2.6	5.2	11.9	8.9	**14.1**	2.5	45.4
							850	99.9	29.9	3.7	3.8	4.0	12.0	8.0	**12.0**	2.2	40.1
14	SVR-1	Sr	La	None	La_2O_3	0.81	500	20.8	3.1	0.6	1.0	0.0	3.2	0.0	0.0	-1.1	
							525	98.0	29.3	2.0	2.5	7.1	11.7	7.0	**14.1**	1.0	48.2
							550	98.4	29.4	2.0	2.4	7.3	12.1	7.2	**14.5**	0.5	49.4
							575	98.8	29.9	2.0	2.2	7.3	12.1	7.4	**14.7**	0.9	49.2
							600	99.2	29.9	2.0	2.1	7.3	12.2	7.5	**14.9**	0.7	49.7
							625	99.5	30.3	2.1	2.1	7.3	12.2	7.6	**14.9**	1.2	49.1
							650	99.7	30.3	2.1	2.0	7.3	12.4	7.7	**15.0**	0.9	49.7
							675	99.8	30.4	2.2	1.9	7.2	12.3	7.8	**15.0**	1.1	49.3
							700	99.9	30.6	2.2	1.9	7.2	12.5	8.0	**15.2**	1.0	49.7
							725	100	30.4	2.3	1.9	7.0	12.6	8.2	**15.2**	0.8	50.0
							750	100	30.3	2.4	1.8	6.9	12.7	8.4	**15.3**	0.5	50.4
							775	100	30.4	2.5	1.8	6.5	12.8	8.6	**15.1**	0.6	49.8
							800	100	30.2	2.8	2.0	6.0	12.7	8.8	**14.7**	0.8	48.8
							825	100	29.5	3.2	2.3	5.2	12.8	9.0	**14.2**	0.2	48.1
							850	100	28.7	3.8	3.0	4.1	12.8	8.8	**13.0**	0.0	45.2
15	SVR-1	Na	K	W	SiO_2	0.08	500	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
							525	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
							550	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
							575	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
							600	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
							625	0.6	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	
							650	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
							675	1.3	0.3	0.0	0.1	0.1	0.1	0.0	0.1	0.0	

							700	2.5	0.6	0.0	0.2	0.2	0.1	0.0	0.2	0.1	
							725	3.8	1.5	0.1	0.4	0.5	0.2	0.1	0.5	0.5	
							750	7.0	2.4	0.1	0.8	1.0	0.3	0.2	1.2	0.1	
							775	13.7	4.8	0.2	1.7	1.9	0.4	0.8	2.7	0.0	
							800	28.1	10.4	0.4	3.5	2.6	0.7	2.3	5.0	1.2	47.7
							825	53.8	17.7	0.6	7.1	2.9	1.4	4.6	**7.5**	1.6	42.6
							850	87.1	25.0	0.8	11.7	2.4	2.8	6.0	**8.3**	2.1	33.4
16	SVR-1	Na	Ce	W	SiO_2	0.26	500	-2.5	-1.5	0.0	0.1	0.0	0.0	0.0	0.0	-1.5	
							525	-2.3	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-1.6	
							550	-1.9	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	
							575	-2.1	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-1.7	
							600	-1.7	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.4	
							625	-1.2	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	-1.0	
							650	-1.1	-1.3	0.0	0.0	0.1	0.0	0.0	0.1	-1.4	
							675	0.1	-0.7	0.0	0.0	0.2	0.1	0.0	0.2	-1.0	
							700	2.0	-0.4	0.1	0.5	0.5	0.1	0.1	0.6	-1.5	
							725	6.6	1.7	0.1	1.1	1.2	0.2	0.3	1.5	-1.1	
							750	17.6	5.7	0.3	2.5	2.6	0.4	1.3	3.9	-1.1	
							775	44.4	16.1	0.6	5.7	4.0	1.0	4.8	**8.8**	0.7	54.5
							800	99.8	32.9	0.5	10.7	4.5	3.5	10.8	**15.3**	3.5	46.4
							825	100	31.6	0.8	12.0	3.9	3.3	9.1	**13.0**	3.2	41.3
							850	100	28.3	1.8	14.4	2.4	3.1	6.9	**9.3**	1.5	33.0
17	SVR-1	Li	Mo	Ce	CaO	0.07	500	-3.3	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	-2.4	
							525	-2.7	-2.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.1	
							550	-2.1	-1.8	0.0	0.0	0.0	0.1	0.0	0.0	-1.9	
							575	-1.7	-1.5	0.1	0.0	0.0	0.1	0.0	0.0	-1.7	
							600	-1.8	-2.3	0.1	0.0	0.1	0.2	0.0	0.1	-2.5	
							625	-0.8	-1.7	0.1	0.0	0.1	0.2	0.0	0.1	-2.1	
							650	-0.5	-1.7	0.2	0.1	0.3	0.3	0.0	0.3	-2.4	
							675	0.5	-0.8	0.2	0.2	0.5	0.4	0.0	0.6	-1.9	
							700	1.6	-0.7	0.2	0.3	0.9	0.5	0.1	1.0	-2.5	
							725	5.2	1.1	0.3	0.5	1.5	0.6	0.2	1.8	-1.9	
							750	10.3	2.8	0.4	1.0	2.5	1.0	0.7	3.1	-2.3	
							775	21.8	7.0	0.7	1.9	3.4	1.6	1.9	5.3	-1.8	75.8
							800	43.8	14.3	1.4	4.4	3.9	2.7	4.2	**8.1**	-0.9	56.8
							825	71.7	21.4	2.7	7.7	3.5	4.7	6.4	**9.9**	-0.9	46.4
							850	92.5	25.8	3.4	10.0	2.9	6.5	6.8	**9.7**	-0.4	37.6

18	SVR-1	Na	Zr	Ce	TiO_2	0.24	500	-2.9	-2.8	0.0	0.1	0.0	0.0	0.0	0.0	-2.9	
							525	-2.6	-2.3	0.0	0.1	0.0	0.0	0.0	0.0	-2.4	
							550	-2.1	-1.7	0.0	0.1	0.0	0.0	0.0	0.0	-1.8	
							575	-1.4	-1.5	0.0	0.1	0.0	0.0	0.0	0.0	-1.6	
							600	-1.1	-1.4	0.0	0.1	0.0	0.1	0.0	0.0	-1.5	
							625	-0.7	-1.3	0.1	0.0	0.0	0.1	0.0	0.0	-1.5	
							650	0.4	-0.8	0.1	0.0	0.0	0.2	0.0	0.0	-1.1	
							675	1.7	-0.9	0.2	0.0	0.1	0.4	0.0	0.1	-1.5	
							700	4.1	-0.7	0.3	0.6	0.2	0.7	0.0	0.3	-2.2	
							725	9.6	1.3	0.4	0.9	0.7	1.2	0.1	0.8	-1.5	
							750	18.7	4.0	0.6	1.4	1.8	2.1	0.6	2.3	-1.9	
							775	100	28.3	1.5	4.4	5.2	10.5	8.1	**13.3**	0.1	46.9
							800	100	28.6	1.7	5.0	5.0	10.0	8.4	**13.4**	0.2	46.9
							825	100	28.9	1.9	5.4	4.6	9.7	8.6	**13.2**	0.6	45.7
							850	100	28.8	2.5	6.3	3.9	9.4	8.4	**12.3**	0.8	42.7
19	SVR-1	Li	Na	W	SiO_2	0.18	500	-1.1	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	-0.8	
							525	-1.0	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	
							550	-0.8	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	
							575	-1.2	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	-1.5	
							600	-0.7	-1.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.3	
							625	-0.8	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	-1.5	
							650	-0.2	-1.5	0.0	0.0	0.1	0.0	0.0	0.1	-1.6	
							675	1.1	-1.0	0.1	0.3	0.3	0.1	0.0	0.3	-1.6	
							700	3.9	0.7	0.1	0.7	0.6	0.1	0.1	0.7	-0.8	
							725	9.0	1.8	0.2	1.5	1.2	0.2	0.4	1.6	-1.5	
							750	19.3	5.6	0.5	3.1	1.9	0.3	1.3	3.2	-1.1	
							775	40.8	12.2	0.8	6.2	2.4	0.7	3.1	**5.6**	-0.2	45.4
							800	72.8	20.4	1.2	11.2	2.3	1.6	5.1	**7.4**	0.2	36.5
							825	96.8	25.2	1.2	15.2	1.6	2.3	5.8	**7.5**	0.3	29.5
							850	100	27.0	4.0	17.3	1.0	2.7	6.0	**7.0**	0.0	25.9
20	SVR-1	Li	La	None	La_2O_3	0.57	500	2.3	0.8	0.3	0.2	0.0	0.5	0.0	0.0	0.1	
							525	5.2	1.6	0.6	0.5	0.0	0.9	0.0	0.0	0.2	
							550	11.3	2.7	1.2	1.1	0.0	1.7	0.0	0.0	-0.1	
							575	87.0	25.9	2.6	4.0	5.7	10.2	4.8	**10.6**	1.2	40.7
							600	92.0	27.4	2.5	4.0	6.1	10.8	5.5	**11.6**	1.1	42.3
							625	95.2	28.5	2.4	3.9	6.3	11.1	6.0	**12.3**	1.2	43.2
							650	97.3	29.6	2.4	3.8	6.4	11.3	6.5	**12.9**	1.6	43.7

							675	98.5	30.1	2.3	3.7	6.5	11.4	6.8	**13.3**	1.6	44.3
							700	99.2	30.3	2.3	3.7	6.5	11.4	7.0	**13.5**	1.7	44.6
							725	99.6	30.1	2.4	3.7	6.5	11.6	7.2	**13.7**	1.1	45.6
							750	99.8	30.3	2.5	3.8	6.4	11.6	7.3	**13.7**	1.2	45.2
							775	99.9	30.1	2.7	4.0	6.1	11.6	7.4	**13.5**	1.1	44.7
							800	99.9	30.0	3.2	4.5	5.4	11.5	7.4	**12.8**	1.3	42.6
							825	100	29.0	4.2	5.7	4.3	11.4	6.9	**11.2**	0.7	38.5
							850	100	28.6	6.2	8.2	2.5	10.8	6.2	**8.7**	0.8	30.5
21	SVR-1	Na	Sr	Ce	TiO_2	0.26	500	-3.5	-3.3	0.0	0.1	0.0	0.0	0.0	0.0	-3.4	
							525	-2.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-2.4	
							550	-1.9	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	-2.3	
							575	-1.6	-2.3	0.1	0.0	0.0	0.1	0.0	0.0	-2.4	
							600	-0.7	-1.8	0.1	0.0	0.0	0.1	0.0	0.0	-2.0	
							625	0.6	-1.5	0.3	0.0	0.0	0.2	0.0	0.0	-1.8	
							650	2.9	-0.7	0.5	0.0	0.1	0.5	0.0	0.1	-1.2	
							675	6.5	0.3	0.8	1.0	0.2	0.9	0.0	0.2	-1.8	
							700	12.9	2.0	1.3	1.6	0.5	1.6	0.1	0.6	-1.8	
							725	25.0	5.7	2.1	2.4	1.3	3.1	0.4	1.8	-1.6	
							750	99.9	25.6	2.5	4.2	4.4	12.1	5.5	**9.9**	-0.6	38.5
							775	100	26.0	2.5	4.6	4.4	11.7	5.9	**10.2**	-0.6	39.5
							800	100	26.2	2.7	5.2	4.2	11.3	6.2	**10.3**	-0.7	39.5
							825	100	26.3	3.1	6.0	3.6	10.9	6.2	**9.8**	-0.4	37.3
							850	100	26.3	4.1	7.7	2.6	10.2	6.1	**8.7**	-0.4	33.2
22	SVR-1	La	Eu	None	MgO	0.54	500	10.0	0.7	0.9	1.2	0.0	1.4	0.0	0.0	-1.8	
							525	29.9	5.2	2.0	2.7	0.0	4.0	0.0	0.0	-1.5	
							550	100	28.5	2.9	3.2	6.1	12.7	6.1	**12.2**	0.5	42.8
							575	100	29.1	2.9	3.1	6.4	12.6	6.2	**12.6**	0.7	43.5
							600	100	29.3	2.9	2.9	6.5	12.7	6.3	**12.8**	0.9	43.8
							625	100	29.4	3.0	2.8	6.6	12.8	6.4	**13.0**	0.8	44.1
							650	100	29.6	3.0	2.6	6.6	13.0	6.4	**13.0**	1.0	43.9
							675	100	29.5	3.1	2.4	6.6	13.2	6.4	**13.0**	0.9	44.0
							700	100	29.8	3.2	2.3	6.5	13.3	6.3	**12.8**	1.4	43.2
							725	100	29.9	3.4	2.2	6.4	13.4	6.4	**12.8**	1.6	42.6
							750	100	29.8	3.7	2.4	6.1	13.5	6.7	**12.8**	1.1	42.9
							775	100	30.3	4.2	2.7	5.5	13.4	7.0	**12.6**	1.6	41.5
							800	100	30.0	4.7	3.2	4.6	13.3	7.6	**12.2**	1.3	40.7
							825	100	29.6	5.4	4.0	3.4	13.1	7.6	**11.0**	1.4	37.2

							850	100	28.7	7.1	6.0	1.9	13.0	6.7	**8.6**	1.0	29.9
23	SVR-1	Li	Zn	Eu	MgO	0.17	500	4.1	-0.5	0.5	0.7	0.0	0.6	0.0	0.0	-1.9	
							525	11.6	1.9	0.9	1.4	0.0	1.4	0.0	0.0	-0.9	
							550	26.2	4.9	1.8	2.6	0.0	3.3	0.0	0.0	-1.0	
							575	56.7	11.5	3.9	4.5	0.2	7.8	0.0	0.2	-1.1	
							600	90.6	19.4	5.0	4.7	2.0	13.2	0.6	2.6	-1.1	
							625	99.2	23.4	4.1	3.6	4.1	14.4	1.9	**5.9**	-0.6	25.4
							650	100	25.4	3.7	2.9	4.8	14.1	3.0	**7.8**	0.5	30.9
							675	100	26.5	3.7	2.6	5.4	14.1	4.1	**9.4**	0.4	35.6
							700	100	27.5	3.7	2.4	5.6	13.9	5.1	**10.7**	0.5	38.8
							725	100	27.9	3.7	2.3	5.4	13.7	5.9	**11.3**	0.6	40.6
							750	100	27.6	3.9	2.6	4.8	13.6	6.2	**11.0**	0.4	39.9
							775	100	26.5	5.5	4.0	3.0	13.9	5.6	**8.6**	0.0	32.4
							800	100	25.8	7.5	6.1	1.5	13.7	5.0	**6.5**	-0.4	25.0
							825	100	26.2	9.0	7.8	0.8	13.3	4.7	**5.5**	-0.4	20.9
							850	100	26.8	10.3	9.6	0.4	12.7	4.4	**4.8**	-0.4	18.0
24	SVR-1	Li	Sr	None	La_2O_3	0.46	500	0.4	-2.3	0.2	0.1	0.0	0.4	0.0	0.0	-2.9	
							525	1.7	-2.1	0.4	0.1	0.0	0.7	0.0	0.0	-2.9	
							550	3.8	-1.8	0.6	0.1	0.0	1.0	0.0	0.0	-2.9	
							575	8.0	-0.5	0.9	0.9	0.1	1.4	0.0	0.1	-2.9	
							600	14.2	1.2	1.4	1.5	0.2	2.2	0.0	0.2	-2.6	
							625	22.2	3.7	2.0	2.2	0.8	3.1	0.1	0.9	-2.6	
							650	35.9	8.4	2.8	3.1	2.4	4.6	0.7	3.1	-2.4	
							675	45.6	13.0	2.8	3.1	4.2	5.6	2.1	**6.3**	-2.0	48.3
							700	65.4	21.2	2.8	3.1	5.9	7.2	5.5	**11.4**	-0.5	53.8
							725	88.6	28.5	2.7	3.3	6.6	9.8	8.6	**15.2**	0.2	53.3
							750	94.5	29.9	2.7	3.2	6.6	10.7	9.5	**16.2**	-0.1	54.1
							775	97.3	31.9	2.7	2.9	6.3	11.0	9.8	**16.1**	1.8	50.6
							800	98.5	31.9	2.8	2.9	5.8	11.3	10.1	**15.9**	1.9	49.8
							825	99.2	31.5	3.0	3.0	5.1	11.5	10.2	**15.2**	1.8	48.4
							850	99.4	32.0	4.1	4.6	3.9	12.9	9.5	**13.4**	1.1	41.9
25	SVR-1	Li	Y	Ce	MgO	0.54	500	2.5	0.4	0.3	0.4	0.0	0.3	0.0	0.0	-0.2	
							525	6.3	2.0	0.6	0.7	0.0	0.6	0.0	0.0	0.6	
							550	12.7	3.0	1.1	1.4	0.0	1.6	0.0	0.0	0.1	
							575	36.0	8.1	2.6	2.7	0.1	5.1	0.0	0.1	0.2	
							600	100	29.2	2.0	1.2	6.5	13.5	6.5	**13.0**	1.5	44.6
							625	100	29.4	2.1	1.3	6.5	13.5	6.5	**13.0**	1.6	44.1

							650	100	29.6	2.1	1.3	6.5	13.4	6.6	**13.0**	1.8	44.0
							675	100	29.7	2.0	1.3	6.5	13.4	6.7	**13.2**	1.9	44.4
							700	100	29.8	2.0	1.3	6.5	13.3	6.8	**13.4**	1.8	44.9
							725	100	29.8	2.1	1.3	6.5	13.3	7.0	**13.5**	1.8	45.2
							750	100	29.7	2.1	1.4	6.3	13.2	7.1	**13.4**	1.7	45.2
							775	100	29.9	2.3	1.5	6.0	13.1	7.3	**13.3**	2.0	44.3
							800	100	29.4	2.6	1.9	5.4	13.1	7.6	**13.0**	1.4	44.2
							825	100	29.3	3.0	2.3	4.5	13.0	7.8	**12.4**	1.6	42.2
							850	100	28.8	3.7	2.9	3.4	13.0	7.8	**11.2**	1.7	38.8
26	SVR-1	K	Rb	W	SiO_2	0.05	500	1.9	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.5	
							525	0.5	-0.6	0.0	0.1	0.0	0.0	0.0	0.0	-0.7	
							550	0.5	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	
							575	1.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
							600	1.4	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.3	
							625	1.3	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.3	
							650	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	
							675	2.1	0.7	0.0	0.0	0.1	0.0	0.0	0.1	0.5	
							700	3.1	1.1	0.0	0.0	0.2	0.1	0.0	0.2	0.7	
							725	4.2	1.5	0.0	0.3	0.5	0.1	0.1	0.6	0.5	
							750	7.1	2.3	0.1	0.7	1.0	0.2	0.2	1.2	0.2	
							775	12.4	4.3	0.1	1.4	1.8	0.4	0.7	2.5	0.0	
							800	23.7	9.1	0.2	2.7	2.6	0.6	1.9	4.5	1.4	
							825	45.6	15.5	0.3	5.4	3.0	1.2	4.1	7.1	1.8	46.2
							850	80.4	23.2	0.5	9.6	2.7	2.4	6.0	**8.7**	2.4	37.5
27	SVR-1	Li	Mn	W	BaO	0.23	500	-3.2	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	-2.9	
							525	-1.8	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	-1.9	
							550	-2.3	-2.3	0.0	0.0	0.0	0.1	0.0	0.0	-2.4	
							575	-2.3	-2.7	0.0	0.0	0.0	0.1	0.0	0.0	-2.8	
							600	-1.5	-1.9	0.1	0.0	0.0	0.2	0.0	0.0	-2.2	
							625	-0.5	-1.7	0.1	0.0	0.0	0.3	0.0	0.0	-2.0	
							650	0.9	-1.7	0.2	0.1	0.0	0.6	0.0	0.0	-2.3	
							675	3.0	-1.0	0.4	0.0	0.1	0.9	0.0	0.1	-2.0	
							700	6.2	-0.5	0.6	0.2	0.2	1.5	0.0	0.2	-2.4	
							725	11.8	1.0	0.8	0.0	0.5	2.4	0.1	0.6	-1.9	
							750	20.9	3.7	1.2	0.5	1.2	3.7	0.3	1.6	-2.0	
							775	79.1	19.9	1.4	0.8	4.4	11.0	4.8	**9.2**	-1.2	46.4
							800	89.6	22.7	1.5	0.9	4.4	12.6	5.7	**10.1**	-0.9	44.6

							825	96.6	24.0	1.6	0.9	4.3	13.6	6.4	**10.7**	-1.2	44.7
							850	99.7	25.0	1.7	0.8	4.0	14.1	6.8	**10.8**	-0.6	43.3
28	SVR-1	Li	Ce	None	MgO	0.34	500	1.5	0.5	0.2	0.0	0.0	0.3	0.0	0.0	0.1	
							525	3.9	1.3	0.4	0.3	0.0	0.6	0.0	0.0	0.4	
							550	8.7	2.8	0.8	0.4	0.0	1.4	0.0	0.0	1.0	
							575	20.1	4.6	1.6	0.6	0.0	3.6	0.0	0.0	0.3	
							600	100	23.9	2.8	0.2	4.0	16.3	3.0	**7.0**	0.4	29.3
							625	100	24.7	2.5	0.5	4.4	15.8	3.2	**7.6**	0.8	30.8
							650	100	24.6	2.4	0.7	4.5	15.4	3.3	**7.8**	0.7	31.8
							675	100	25.1	2.2	0.9	4.5	15.1	3.4	**7.9**	1.3	31.4
							700	100	24.8	2.1	1.1	4.4	15.0	3.5	**7.9**	0.9	31.7
							725	100	24.4	2.1	1.2	4.2	14.7	3.5	**7.7**	0.8	31.4
							750	100	24.5	2.1	1.5	3.9	14.6	3.7	**7.6**	0.9	30.8
							775	100	24.6	2.2	1.7	3.5	14.4	3.9	**7.4**	1.0	30.1
							800	100	24.4	2.6	2.2	2.8	14.1	4.3	**7.1**	1.0	29.1
							825	100	24.7	3.5	3.2	1.8	14.0	4.8	**6.5**	1.0	26.5
							850	100.0	26.8	6.6	6.2	0.9	13.2	5.3	**6.1**	1.3	22.8
29	SVR-1	Li	Mn	None	MgO	0.55	500	8.1	0.6	0.0	0.1	0.0	1.4	0.0	0.0	-0.9	
							525	19.9	3.2	0.0	0.0	0.0	3.2	0.0	0.0	-0.1	
							550	100	17.7	0.3	0.4	1.3	16.0	0.4	1.7	-0.4	
							575	100	19.0	0.4	0.5	1.3	15.7	0.5	1.8	1.0	
							600	100	18.5	0.4	0.5	1.3	15.8	0.5	1.8	0.4	
							625	100	19.5	0.4	0.6	1.3	15.6	0.5	1.8	1.5	
							650	100	18.4	0.3	0.3	0.9	15.9	0.3	1.2	0.9	
							675	100	18.9	0.3	0.0	0.8	15.8	0.3	1.1	1.9	
							700	100	19.1	0.4	0.3	1.0	15.9	0.4	1.4	1.6	
							725	100	19.5	0.5	0.4	1.2	15.9	0.6	1.8	1.4	
							750	100	19.7	0.6	0.5	1.5	15.6	0.9	2.3	1.3	
							775	100	20.9	0.8	0.7	1.7	15.3	1.4	3.1	1.8	
							800	100	21.4	1.2	1.0	1.7	15.2	2.3	4.1	1.1	
							825	100	23.1	2.2	2.0	1.6	14.5	3.7	**5.2**	1.4	22.7
							850	100	25.9	4.8	4.4	1.1	13.6	5.0	**6.1**	1.7	23.7
30	SVR-1	Ti	La	None	MgO	0.47	500	0.7	-1.2	0.2	0.4	0.0	0.2	0.0	0.0	-1.8	
							525	3.6	0.5	0.5	0.7	0.0	0.4	0.0	0.0	-0.7	
							550	7.6	1.0	0.8	1.3	0.0	0.8	0.0	0.0	-1.1	
							575	16.1	3.2	1.5	2.4	0.0	1.7	0.0	0.0	-0.9	
							600	35.0	7.8	3.1	4.4	0.0	3.9	0.0	0.0	-0.5	

							625	99.4	28.5	3.7	4.6	4.7	11.9	6.6	**11.3**	0.6	39.9
							650	99.8	28.7	3.7	4.5	4.8	12.0	6.7	**11.5**	0.7	40.1
							675	100	29.0	3.8	4.4	4.9	12.1	6.8	**11.7**	0.8	40.2
							700	100	28.8	3.9	4.2	4.9	12.4	6.9	**11.9**	0.3	41.2
							725	100	29.0	4.0	4.0	4.9	12.6	6.9	**11.8**	0.6	40.7
							750	100	29.2	4.1	3.9	4.8	12.7	7.0	**11.8**	0.8	40.3
							775	100	29.0	4.2	3.8	4.6	12.9	7.1	**11.7**	0.6	40.3
							800	100	29.2	4.5	3.8	4.3	12.9	7.1	**11.5**	1.0	39.2
							825	100	28.9	4.9	4.2	3.8	13.0	7.2	**11.0**	0.7	38.1
							850	100	28.5	5.7	4.9	3.0	13.0	7.1	**10.1**	0.6	35.3
31	SVR-1	Li	K	Ce	CaO	0.30	500	-1.6	-0.7	0.0	0.1	0.0	0.0	0.0	0.0	-0.8	
							525	-1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	
							550	-0.6	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	
							575	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	
							600	0.8	0.3	0.2	0.3	0.0	0.2	0.0	0.0	-0.2	
							625	2.6	0.7	0.4	0.4	0.0	0.4	0.0	0.0	-0.2	
							650	5.3	0.9	0.6	0.7	0.1	0.8	0.0	0.1	-0.7	
							675	9.9	2.2	1.0	1.1	0.5	1.4	0.0	0.5	-0.7	
							700	18.0	4.8	1.4	1.5	1.4	2.4	0.2	1.6	-0.7	
							725	35.1	11.2	2.0	1.8	3.5	4.5	1.4	4.8	0.0	
							750	100	29.5	1.9	1.7	6.0	12.7	7.8	**13.8**	1.3	46.8
							775	100	29.6	2.0	1.9	5.7	12.6	7.8	**13.5**	1.6	45.6
							800	100	29.1	2.1	2.0	5.3	12.7	7.8	**13.2**	1.2	45.3
							825	100	28.6	2.5	2.3	4.7	12.8	7.7	**12.4**	1.1	43.4
							850	100	27.4	3.4	3.2	3.4	13.0	6.7	**10.1**	1.1	36.8
32	SVR-1	Li	K	Ce	MgO	0.16	500	0.4	-1.6	0.1	0.0	0.0	0.2	0.0	0.0	-1.9	
							525	1.8	-0.8	0.2	0.0	0.0	0.5	0.0	0.0	-1.3	
							550	5.5	1.2	0.4	0.0	0.0	1.0	0.0	0.0	0.2	
							575	10.4	1.7	0.8	0.3	0.0	2.0	0.0	0.0	-0.6	
							600	21.9	4.0	1.4	0.4	0.1	4.1	0.0	0.1	-0.6	
							625	47.2	9.1	2.4	0.5	0.5	8.6	0.1	0.6	-0.6	
							650	85.4	19.6	2.9	0.4	3.6	14.1	1.9	**5.5**	-0.4	28.2
							675	100	28.4	1.4	0.2	6.5	14.0	6.3	**12.8**	1.3	45.2
							700	100	28.5	1.3	0.4	6.6	13.7	6.4	**13.1**	1.3	45.8
							725	100	28.3	1.4	0.6	6.4	13.7	6.5	**12.9**	1.1	45.6
							750	100	27.5	1.5	0.8	5.9	13.7	6.4	**12.3**	0.7	44.6
							775	100	25.5	1.4	0.9	4.9	14.1	5.3	**10.2**	0.4	40.0

							800	100	23.8	2.4	1.8	2.9	14.3	4.9	**7.9**	-0.2	33.1
							825	100	25.1	6.4	5.5	1.0	13.8	5.0	**5.9**	-0.2	23.6
							850	100	26.8	9.8	9.1	0.5	12.8	4.8	**5.4**	-0.4	20.0
33	SVR-1	Na	Ce	W	CaO	0.29	500	-3.3	-1.7	0.0	0.1	0.0	0.0	0.0	0.0	-1.8	
							525	-1.5	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.3	
							550	-0.8	-1.4	0.1	0.0	0.0	0.1	0.0	0.0	-1.5	
							575	-0.2	-1.2	0.2	0.0	0.0	0.1	0.0	0.0	-1.4	
							600	0.9	-0.9	0.3	0.4	0.0	0.3	0.0	0.0	-1.5	
							625	2.5	-0.7	0.5	0.6	0.1	0.5	0.0	0.1	-1.8	
							650	5.9	0.4	0.8	0.9	0.2	0.9	0.0	0.2	-1.6	
							675	10.8	2.0	1.2	1.3	0.6	1.5	0.1	0.7	-1.5	
							700	19.4	3.8	1.7	1.7	1.7	2.7	0.4	2.0	-2.7	
							725	46.2	13.8	2.2	2.1	4.4	5.8	2.7	**7.2**	-1.2	51.8
							750	99.5	28.1	2.0	1.4	6.1	13.3	7.6	**13.7**	-0.3	48.8
							775	99.9	27.5	2.3	1.6	5.7	13.4	7.5	**13.2**	-0.8	48.0
							800	100	27.6	2.5	1.9	5.2	13.3	7.6	**12.8**	-0.5	46.3
							825	100	27.1	2.8	2.4	4.4	13.4	7.5	**11.9**	-0.5	44.0
							850	100	25.6	3.8	3.4	3.0	13.5	6.8	**9.8**	-1.2	38.4
34	SVR-1	Ca	La	None	MgO	0.50	500	5.0	1.7	0.4	0.6	0.0	0.5	0.0	0.0	0.6	
							525	11.4	3.8	0.8	1.1	0.0	1.2	0.0	0.0	1.4	
							550	31.8	8.3	1.8	2.7	0.0	3.8	0.0	0.0	1.8	
							575	99.8	31.3	3.1	2.9	6.2	12.6	6.6	**12.8**	3.1	40.8
							600	100	31.7	3.1	2.8	6.2	12.5	6.7	**12.9**	3.5	40.8
							625	100	31.6	3.2	2.7	6.2	12.6	6.8	**13.0**	3.3	41.1
							650	100	31.5	3.3	2.6	6.2	12.9	6.7	**12.9**	3.2	41.0
							675	100	31.3	3.5	2.5	6.1	13.2	6.5	**12.5**	3.1	40.1
							700	100	30.8	3.8	2.6	5.8	13.5	6.0	**11.9**	2.9	38.5
							725	100	30.0	4.3	2.8	5.3	13.8	5.5	**10.8**	2.6	36.0
							750	100	29.2	4.9	3.4	4.2	14.0	5.4	**9.6**	2.3	32.9
							775	100	29.7	5.9	4.2	2.7	13.7	6.6	**9.2**	2.6	31.2
							800	100	30.8	6.6	4.8	1.9	13.1	8.1	**10.0**	2.8	32.6
							825	100	31.5	7.1	5.4	1.5	12.7	8.9	**10.4**	3.0	33.0
							850	100	31.5	7.6	6.0	1.0	12.5	9.0	**10.0**	3.0	31.7
35	SVR-1	Li	Ce	Eu	CaO	0.28	500	-1.1	-1.4	0.0	0.1	0.0	0.0	0.0	0.0	-1.5	
							525	-1.0	-1.7	0.1	0.1	0.0	0.0	0.0	0.0	-1.8	
							550	-0.5	-1.6	0.1	0.0	0.0	0.1	0.0	0.0	-1.7	
							575	1.7	-1.1	0.2	0.3	0.0	0.2	0.0	0.0	-1.6	

							600	2.5	-0.7	0.4		0.6	0.0	0.3	0.0	0.0	-1.6	
							625	5.6	0.1	0.8		1.0	0.1	0.6	0.0	0.1	-1.6	
							650	11.0	1.8	1.2		1.6	0.4	1.2	0.0	0.4	-1.5	
							675	19.8	4.3	1.8		2.3	1.1	2.3	0.2	1.3	-1.6	
							700	37.0	10.2	2.5		3.1	2.9	4.2	1.1	4.0	-1.1	
							725	96.0	28.3	2.6		3.3	6.1	11.6	6.7	**12.8**	0.6	45.2
							750	99.4	28.5	2.6		3.2	5.9	12.3	7.0	**13.0**	0.1	45.4
							775	99.9	28.3	2.9		3.4	5.5	12.4	6.9	**12.3**	0.2	43.6
							800	100	27.3	3.5		4.2	4.5	12.4	6.3	**10.9**	-0.2	39.7
							825	100	26.8	5.1		6.4	2.8	11.9	5.8	**8.6**	-0.3	32.3
							850	100	27.5	7.9		9.5	1.4	11.2	5.9	**7.3**	-0.4	26.4
36	SVR-1	Li	Zn	Ce	CaO	0.24	500	0.0	0.4	0.0		0.0	0.0	0.0	0.0	0.0	0.4	
							525	0.7	0.8	0.0		0.0	0.0	0.0	0.0	0.0	0.7	
							550	0.8	0.7	0.0		0.1	0.0	0.0	0.0	0.0	0.6	
							575	1.1	0.7	0.1		0.1	0.0	0.1	0.0	0.0	0.5	
							600	1.8	1.0	0.1		0.2	0.0	0.1	0.0	0.0	0.7	
							625	2.8	1.2	0.2		0.4	0.0	0.2	0.0	0.0	0.6	
							650	4.2	1.6	0.4		0.6	0.1	0.3	0.0	0.1	0.6	
							675	6.5	2.2	0.6		0.9	0.3	0.5	0.0	0.3	0.5	
							700	9.8	3.3	0.8		1.3	0.7	0.8	0.1	0.8	0.4	
							725	15.2	5.1	1.1		1.8	1.4	1.3	0.4	1.8	0.2	
							750	24.9	8.7	1.5		2.6	2.5	2.0	1.3	3.7	0.4	
							775	48.0	16.2	2.3		4.0	3.5	4.1	3.6	**7.1**	0.9	44.2
							800	87.9	26.3	2.5		4.4	4.2	9.4	6.8	**11.0**	1.5	41.9
							825	94.5	27.3	2.6		4.3	3.8	10.6	7.0	**10.7**	1.7	39.3
							850	98.9	26.9	3.2		4.9	2.8	11.6	6.3	**9.1**	1.3	33.8
37	SVR-2	Li	Mn	None	TiO_2	0.23	500	-0.6	-0.9	0.0		0.1	0.0	0.0	0.0	0.0	-1.0	
							525	-0.2	-0.2	0.0		0.1	0.0	0.0	0.0	0.0	-0.3	
							550	0.1	-0.1	0.0		0.1	0.0	0.0	0.0	0.0	-0.2	
							575	0.3	0.3	0.0		0.0	0.0	0.0	0.0	0.0	0.2	
							600	0.5	0.2	0.0		0.0	0.0	0.1	0.0	0.0	0.1	
							625	1.0	0.2	0.0		0.0	0.0	0.1	0.0	0.0	0.0	
							650	2.0	0.6	0.0		0.0	0.0	0.2	0.0	0.0	0.3	
							675	3.6	0.9	0.0		0.1	0.0	0.4	0.0	0.0	0.3	
							700	7.1	1.7	0.0		0.3	0.1	0.8	0.0	0.1	0.5	
							725	14.0	3.1	0.1		0.6	0.3	1.6	0.0	0.4	0.5	
							750	33.8	7.7	0.2		1.7	1.3	3.8	0.4	1.7	0.5	

							775	92.3	26.4	0.7	4.2	4.8	9.4	6.1	10.8	2.0	41.0
							800	94.1	27.9	0.8	4.9	4.9	8.8	7.5	12.4	1.9	44.3
							825	95.8	29.5	1.0	5.8	4.7	8.0	8.5	13.3	2.4	44.9
							850	97.3	30.1	1.3	7.2	4.2	7.2	8.7	12.9	2.7	43.0
38	SVR-2	Na	Ce	None	CaO	0.28	500	1.0	1.8	0.0	1.2	0.0	0.0	0.0	0.0	0.6	
							525	1.1	1.8	0.0	1.2	0.0	0.0	0.0	0.0	0.5	
							550	1.6	1.5	0.1	0.1	0.0	0.1	0.0	0.0	1.3	
							575	2.7	1.8	0.2	0.2	0.0	0.1	0.0	0.0	1.5	
							600	4.0	2.1	0.3	0.4	0.0	0.3	0.0	0.0	1.4	
							625	6.2	2.8	0.6	0.6	0.1	0.6	0.0	0.1	1.5	
							650	10.5	4.1	0.9	1.0	0.3	1.1	0.0	0.3	1.7	
							675	16.6	5.4	1.4	1.3	1.0	2.0	0.1	1.1	1.0	
							700	28.9	9.7	1.8	1.7	2.4	3.6	0.7	3.2	1.2	
							725	73.2	24.4	2.0	1.8	5.9	8.7	5.5	11.4	2.5	46.7
							750	98.5	29.3	1.6	1.3	5.4	12.6	7.2	12.6	2.8	43.0
							775	100	28.5	1.7	1.1	5.0	13.2	7.0	12.0	2.2	42.2
							800	100	28.3	1.8	1.3	4.7	13.2	7.1	11.8	2.1	41.5
							825	100	28.1	2.1	1.7	4.1	13.0	7.1	11.2	2.2	39.9
							850	100	27.7	2.9	4.5	3.1	13.0	6.9	10.1	0.2	36.3
39	SVR-2	Ti	Cs	W	TiO_2	0.05	500	-0.9	-0.8	0.0	0.2	0.0	0.0	0.0	0.0	-1.0	
							525	-0.8	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	
							550	-0.3	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.2	
							575	-0.3	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	
							600	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
							625	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	
							650	0.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	
							675	0.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
							700	1.4	1.1	0.0	0.0	0.1	0.1	0.0	0.1	0.9	
							725	2.5	1.7	0.0	0.2	0.2	0.1	0.0	0.3	1.1	
							750	4.7	2.1	0.1	0.5	0.6	0.2	0.1	0.6	0.8	
							775	9.6	4.4	0.2	1.0	1.1	0.4	0.3	1.5	1.6	
							800	20.4	7.6	0.3	2.3	2.1	0.8	1.2	3.2	1.2	
							825	48.9	16.3	0.5	5.5	3.0	2.1	3.7	6.6	2.1	40.8
							850	84.7	24.5	0.5	8.9	2.8	4.6	5.3	8.1	2.9	33.0
40	SVR-2	Na	Eu	Hf	MgO	0.44	500	0.4	-1.6	0.3	0.1	0.0	0.2	0.0	0.0	-1.9	
							525	3.1	-0.4	0.6	0.7	0.0	0.4	0.0	0.0	-1.6	
							550	7.3	0.6	1.1	1.4	0.0	0.9	0.0	0.0	-1.7	

							575	16.2	3.1	2.1	2.6	0.0	1.9	0.0	0.0	-1.4	
							600	32.8	7.4	3.8	4.4	0.3	3.9	0.1	0.3	-1.4	
							625	58.1	14.1	5.3	6.0	1.5	7.3	0.6	2.1	-1.3	
							650	81.5	21.5	4.7	5.8	3.6	10.1	2.7	6.3	-0.6	29.1
							675	94.4	26.3	3.4	4.7	4.8	11.4	5.2	10.0	0.2	38.1
							700	98.3	27.6	2.9	4.0	4.8	11.9	6.1	10.9	0.7	39.6
							725	99.5	27.9	2.7	3.6	4.8	12.3	6.6	11.4	0.7	40.9
							750	99.9	28.3	2.7	3.4	4.7	12.3	7.0	11.7	0.9	41.3
							775	100	28.5	2.8	3.3	4.5	12.5	7.5	12.0	0.8	41.9
							800	100	28.6	3.1	3.3	4.1	12.5	7.8	11.9	1.0	41.6
							825	100	28.4	3.6	3.7	3.4	12.5	8.0	11.4	0.8	40.2
							850	100	28.2	4.9	4.7	2.4	12.6	7.6	10.1	0.8	35.8
41	SVR-2	Li	Mn	None	La_2O_3	0.73	500	4.0	1.3	0.4	0.3	0.0	0.8	0.0	0.0	0.2	
							525	97.1	23.7	1.5	3.1	5.5	13.8	3.7	9.2	-2.4	39.0
							550	99.4	24.4	1.4	0.7	5.7	14.3	3.9	9.6	-0.1	39.2
							575	99.8	24.6	1.4	0.6	5.9	14.5	4.0	9.9	-0.5	40.4
							600	100	25.0	1.3	0.6	6.0	14.5	4.1	10.1	-0.3	40.5
							625	100	25.1	1.3	0.7	6.1	14.5	4.2	10.3	-0.3	40.9
							650	100	25.6	1.2	0.7	6.1	14.5	4.2	10.3	0.1	40.3
							675	100	25.5	1.2	0.7	6.2	14.4	4.2	10.4	-0.1	40.7
							700	100	24.9	1.3	0.8	6.2	14.6	4.2	10.5	-0.9	42.0
							725	100	25.1	1.3	0.9	6.2	14.4	4.3	10.4	-0.6	41.5
							750	100	25.4	1.3	0.9	6.1	14.4	4.3	10.4	-0.4	40.9
							775	100	25.6	1.4	1.0	5.8	14.4	4.4	10.2	0.1	39.7
							800	100	25.4	1.4	1.1	5.5	14.7	4.3	9.7	-0.1	38.3
							825	100	24.4	1.8	1.4	4.9	14.3	4.6	9.5	-0.8	38.8
							850	100	24.2	2.3	1.9	4.0	14.3	5.0	9.0	-1.0	37.1
42	SVR-2	Na	Nd	None	CaO	0.21	500	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	
							525	-0.8	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	
							550	-0.5	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	
							575	-0.2	-0.2	0.1	0.1	0.0	0.1	0.0	0.0	-0.4	
							600	0.5	0.0	0.2	0.2	0.0	0.1	0.0	0.0	-0.3	
							625	1.3	-0.1	0.3	0.4	0.0	0.2	0.0	0.0	-0.7	
							650	3.2	0.7	0.4	0.6	0.1	0.3	0.0	0.1	-0.4	
							675	6.0	1.5	0.7	1.0	0.3	0.6	0.0	0.3	-0.4	
							700	10.0	2.5	1.0	1.5	0.7	1.0	0.1	0.8	-0.8	
							725	16.9	4.9	1.4	2.1	1.7	1.6	0.4	2.1	-0.9	

							750	29.3	9.8	1.8	2.8	3.1	2.6	1.7	4.8	-0.4	
							775	81.6	26.0	2.8	5.0	4.8	7.7	7.6	12.4	0.9	47.8
							800	99.7	28.9	2.7	4.2	4.8	11.3	7.9	12.8	0.6	44.2
							825	99.9	28.6	3.2	4.3	4.3	11.6	7.8	12.1	0.6	42.3
							850	100	27.9	4.3	5.1	3.3	11.9	7.4	10.7	0.2	38.3
43	SVR-2	Sr	Ba	None	La_2O_3	0.68	500	7.2	2.0	0.4	0.4	0.0	1.2	0.0	0.0	0.4	
							525	13.3	2.6	1.0	0.7	0.0	2.2	0.0	0.0	-0.4	
							550	36.1	9.3	3.2	2.3	0.5	5.5	0.1	0.6	0.8	
							575	80.7	24.9	3.4	3.4	5.2	9.9	4.1	9.3	2.2	37.5
							600	87.2	26.9	3.1	3.4	6.0	10.5	5.0	11.0	2.0	40.9
							625	92.4	28.8	2.7	3.0	6.4	11.0	6.0	12.4	2.4	43.2
							650	95.9	30.4	2.5	2.6	6.7	11.5	7.0	13.7	2.6	44.9
							675	98.0	31.1	2.3	2.3	6.8	11.8	7.6	14.4	2.7	46.2
							700	99.2	31.5	2.2	2.0	6.7	12.0	8.0	14.8	2.7	46.8
							725	99.7	31.4	2.1	1.9	6.6	12.2	8.2	14.8	2.5	47.2
							750	99.9	31.3	2.1	1.8	6.3	12.3	8.4	14.7	2.5	47.0
							775	100	31.2	2.3	1.7	6.0	12.4	8.5	14.5	2.6	46.5
							800	100	30.8	2.6	2.0	5.4	12.4	8.5	13.9	2.4	45.1
							825	100	29.9	3.4	2.8	4.5	12.5	8.2	12.7	1.9	42.5
							850	100	28.7	5.3	4.7	2.9	12.6	7.2	10.1	1.4	35.2
44	SVR-2	Ba	Eu	None	La_2O_3	0.59	500	4.2	1.3	0.4	0.2	0.0	0.8	0.0	0.0	0.3	
							525	8.9	2.7	0.8	0.5	0.0	1.5	0.0	0.0	0.6	
							550	17.0	3.8	1.7	1.2	0.1	2.8	0.0	0.1	-0.3	
							575	33.0	8.2	3.2	2.6	0.6	5.1	0.1	0.6	-0.1	
							600	52.6	14.1	4.5	3.7	2.4	7.6	0.7	3.1	-0.3	
							625	87.8	27.0	3.1	2.9	6.4	11.0	5.4	11.8	1.3	43.6
							650	92.9	29.1	2.7	2.6	6.6	11.6	6.6	13.2	1.7	45.5
							675	96.1	29.8	2.4	2.3	6.7	11.9	7.3	14.0	1.5	46.9
							700	97.8	30.3	2.3	2.1	6.7	12.2	7.7	14.4	1.7	47.5
							725	98.7	30.4	2.2	1.9	6.5	12.4	8.0	14.6	1.5	47.9
							750	99.2	30.6	2.1	1.9	6.3	12.5	8.2	14.5	1.8	47.5
							775	99.5	30.3	2.1	1.8	6.1	12.6	8.4	14.4	1.4	47.7
							800	99.7	29.8	2.2	1.8	5.7	12.7	8.5	14.2	1.1	47.6
							825	99.8	29.6	2.4	1.9	5.1	12.8	8.6	13.7	1.2	46.2
							850	99.9	29.1	3.0	2.4	4.2	12.9	8.4	12.7	1.1	43.5
45	SVR-2	Sr	Mo	None	BaO	0.09	500	-1.3	-1.2	0.0	0.1	0.0	0.0	0.0	0.0	-1.4	
							525	-0.7	-0.6	0.0	0.1	0.0	0.0	0.0	0.0	-0.8	

							550	-0.6	-0.4	0.0	0.1	0.0	0.0	0.0	0.0	-0.5	
							575	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.2	
							600	0.3	0.5	0.1	0.1	0.0	0.1	0.0	0.0	0.3	
							625	1.2	0.9	0.1	0.1	0.0	0.1	0.0	0.0	0.7	
							650	1.4	0.9	0.2	0.1	0.0	0.2	0.0	0.0	0.7	
							675	2.6	1.5	0.3	0.1	0.1	0.3	0.0	0.1	0.9	
							700	4.1	2.0	0.4	0.2	0.2	0.5	0.0	0.2	1.0	
							725	6.4	3.2	0.6	0.4	0.4	0.8	0.0	0.5	1.5	
							750	10.1	4.0	0.8	0.5	1.0	1.3	0.2	1.1	1.1	
							775	14.6	6.3	1.0	0.8	2.0	1.7	0.6	2.6	1.2	
							800	24.5	10.8	1.3	1.1	3.6	2.4	2.2	5.8	1.5	53.6
							825	95.0	31.9	1.8	2.2	5.0	10.4	10.7	15.7	3.6	49.1
							850	98.7	31.6	1.8	2.0	4.4	11.3	10.4	14.8	3.5	46.8
46	SVR-2	Ba	Eu	None	CaO	0.33	500	-1.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
							525	-0.6	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	
							550	0.0	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.1	
							575	1.0	0.7	0.2	0.2	0.0	0.2	0.0	0.0	0.3	
							600	2.1	0.9	0.4	0.4	0.0	0.3	0.0	0.0	0.2	
							625	3.9	1.4	0.7	0.6	0.1	0.6	0.0	0.1	0.1	
							650	6.9	2.7	1.0	0.8	0.5	1.0	0.0	0.5	0.4	
							675	11.2	4.3	1.4	1.0	1.5	1.6	0.2	1.8	-0.1	
							700	26.1	10.8	2.0	1.3	4.3	3.3	1.6	5.9	0.3	55.0
							725	97.7	30.4	2.4	1.8	5.4	12.2	8.6	14.1	2.4	46.3
							750	98.9	30.2	2.4	1.9	5.3	12.4	8.6	14.0	1.9	46.3
							775	99.8	30.4	2.6	2.0	5.3	12.6	8.6	13.9	1.9	45.8
							800	100	30.4	2.9	2.2	5.0	12.5	8.6	13.5	2.1	44.5
							825	100	30.0	3.4	2.8	4.4	12.6	8.5	12.9	1.7	42.9
							850	100	28.8	5.0	4.4	3.1	12.8	7.3	10.4	1.1	36.3
47	SVR-2	Ba	Eu	Hf	CaO	0.15	500	1.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6	
							525	1.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
							550	1.5	1.4	0.1	0.0	0.0	0.1	0.0	0.0	1.2	
							575	1.6	1.1	0.1	0.0	0.0	0.1	0.0	0.0	1.0	
							600	2.5	1.8	0.2	0.2	0.0	0.2	0.0	0.0	1.4	
							625	3.4	2.1	0.3	0.3	0.1	0.3	0.0	0.1	1.4	
							650	4.4	2.4	0.5	0.4	0.3	0.4	0.0	0.4	1.2	
							675	5.9	3.1	0.6	0.5	0.8	0.5	0.1	0.9	1.1	
							700	8.7	4.8	0.7	0.7	1.7	0.7	0.3	2.0	1.4	

							725	13.2	7.2	0.9	0.9	2.8	0.9	1.1	4.0	1.4	
							750	28.3	13.4	1.3	1.4	4.2	2.1	3.6	7.7	2.2	57.7
							775	96.5	32.6	2.1	1.8	5.0	10.8	10.8	15.9	4.2	48.7
							800	98.3	31.6	2.2	1.8	4.6	11.5	9.9	14.5	3.8	45.9
							825	99.5	31.0	2.7	2.1	4.0	12.1	9.2	13.2	3.6	42.6
							850	99.9	30.1	3.8	3.1	3.3	12.3	8.5	11.8	2.9	39.2
48	SVR-2	Na	Ti	W	SiO_2	0.03	500	-0.8	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.3	
							525	-1.1	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	-0.3	
							550	-0.9	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	-0.4	
							575	-0.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	
							600	-1.1	-0.5	0.0	0.1	0.0	0.0	0.0	0.0	-0.7	
							625	-0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
							650	-0.2	-0.1	0.1	0.0	0.1	0.1	0.0	0.1	-0.2	
							675	0.2	0.0	0.1	0.0	0.1	0.1	0.0	0.1	-0.2	
							700	0.4	0.1	0.1	0.0	0.1	0.1	0.0	0.1	-0.2	
							725	1.0	0.1	0.1	0.2	0.2	0.1	0.0	0.3	-0.5	
							750	2.9	0.9	0.1	0.4	0.4	0.2	0.1	0.5	-0.2	
							775	5.7	1.7	0.2	0.8	0.7	0.3	0.2	0.9	-0.3	
							800	12.6	4.4	0.3	1.8	1.3	0.3	0.7	2.0	0.3	
							825	27.0	8.8	0.5	3.9	1.7	0.5	2.0	3.8	0.6	
							850	60.1	17.7	1.0	9.1	1.8	1.2	4.4	6.2	1.2	35.2
49	SVR-2	Sr	Eu	None	La_2O_3	0.81	500	84.2	24.5	2.8	3.3	2.5	5.7	1.9	4.4	11.2	
							525	86.8	25.5	2.8	3.2	2.7	5.8	2.1	4.9	11.6	
							550	89.7	26.8	2.7	3.1	2.9	6.0	2.4	5.4	12.4	20.1
							575	92.2	27.9	2.6	2.9	3.1	6.0	2.7	5.8	13.1	20.9
							600	94.5	29.1	2.4	2.8	3.3	6.2	3.0	6.3	13.8	21.7
							625	96.3	30.0	2.3	2.6	3.4	6.3	3.3	6.7	14.4	22.2
							650	97.6	30.2	2.2	2.4	3.4	6.4	3.5	7.0	14.4	23.1
							675	98.5	30.6	2.1	2.3	3.4	6.5	3.7	7.1	14.7	23.3
							700	99.1	30.8	2.1	2.1	3.4	6.5	3.9	7.3	14.9	23.6
							725	99.5	30.9	2.1	2.0	3.4	6.6	3.9	7.3	15.0	23.7
							750	99.8	30.9	2.1	1.9	3.4	6.7	4.1	7.4	14.9	24.0
							775	99.9	30.8	2.2	1.8	3.2	6.7	4.1	7.4	14.9	23.9
							800	100	30.8	2.4	2.9	3.0	6.8	4.2	7.2	13.9	23.4
							825	100	30.6	2.9	2.5	2.7	6.8	4.2	6.9	14.4	22.5
							850	100	30.0	4.1	3.7	2.0	6.8	4.0	6.0	13.5	20.1
50	SVR-2	Mg	Sr	None	La_2O_3	0.92	500	96.6	28.6	2.2	2.9	6.5	11.7	5.4	11.9	2.1	41.6

							525	97.0	29.0	2.3	2.8	6.8	11.9	5.7	12.5	1.8	43.1
							550	97.4	29.6	2.5	2.7	6.9	11.9	6.0	12.9	2.0	43.7
							575	97.9	30.0	2.5	2.7	7.0	12.0	6.3	13.3	2.1	44.3
							600	98.4	30.5	2.5	2.6	7.1	12.1	6.5	13.6	2.2	44.6
							625	98.9	30.7	2.5	2.5	7.1	12.2	6.8	13.9	2.1	45.3
							650	99.2	30.8	2.4	2.3	7.1	12.2	7.1	14.2	2.0	46.1
							675	99.5	31.1	2.4	2.3	7.0	12.3	7.4	14.4	2.2	46.3
							700	99.7	31.2	2.4	2.1	6.9	12.4	7.7	14.6	2.1	46.7
							725	99.9	31.1	2.4	2.0	6.7	12.5	7.9	14.6	2.1	47.0
							750	100	31.1	2.4	1.8	6.5	12.6	8.1	14.6	2.0	47.0
							775	100	30.8	2.5	1.8	6.2	12.8	8.3	14.5	1.6	47.2
							800	100	30.5	2.6	1.9	5.8	12.7	8.4	14.2	1.8	46.6
							825	100	30.2	2.9	2.1	5.1	12.7	8.5	13.6	1.8	45.2
							850	100	29.6	3.5	2.6	4.2	12.8	8.6	12.7	1.6	43.0
51	SVR-2	Li	Sm	None	MgO	0.30	500	3.2	0.6	0.5	0.7	0.0	0.5	0.0	0.0	-0.6	
							525	9.5	2.8	1.0	1.3	0.0	1.1	0.0	0.0	0.4	
							550	23.3	5.9	2.1	2.7	0.0	2.9	0.0	0.0	0.3	
							575	75.4	17.4	5.6	5.3	1.0	11.1	0.3	1.4	-0.4	
							600	94.4	24.9	4.8	4.4	4.0	13.4	2.4	6.4	0.7	25.6
							625	97.3	27.1	4.1	3.7	4.9	13.4	3.8	8.7	1.3	32.2
							650	98.5	28.6	3.7	3.2	5.4	13.3	4.9	10.3	1.7	36.0
							675	99.1	29.4	3.5	2.9	5.5	13.2	5.8	11.3	2.0	38.5
							700	99.5	30.2	3.3	2.6	5.6	13.2	6.5	12.0	2.4	39.9
							725	99.7	30.4	3.2	2.4	5.5	13.2	7.0	12.5	2.3	41.1
							750	99.8	30.2	3.2	2.4	5.3	13.1	7.4	12.7	2.0	41.9
							775	99.9	30.3	3.4	2.6	4.9	13.1	7.5	12.4	2.2	40.9
							800	99.9	29.8	4.2	3.4	4.0	13.2	7.2	11.2	2.0	37.7
							825	100	28.6	6.1	5.5	2.5	13.1	6.1	8.6	1.5	29.9
							850	100	40.6	7.1	6.5	1.1	10.1	4.5	5.7	18.4	14.0
52	SVR-2	Na	Eu	Hf	CaO	0.17	500	0.9	1.7	0.0	0.2	0.0	0.0	0.0	0.0	1.5	
							525	1.1	1.3	0.0	0.2	0.0	0.1	0.0	0.0	1.1	
							550	1.5	1.3	0.1	0.1	0.0	0.1	0.0	0.0	1.1	
							575	1.9	1.3	0.2	0.1	0.0	0.2	0.0	0.0	1.0	
							600	2.7	1.7	0.3	0.2	0.1	0.3	0.0	0.1	1.2	
							625	3.7	2.2	0.4	0.3	0.3	0.4	0.0	0.3	1.3	
							650	5.2	2.6	0.5	0.5	0.5	0.5	0.0	0.5	1.2	
							675	7.7	3.3	0.8	1.0	0.6	0.5	0.1	0.7	1.1	

							700	13.1	5.1	1.2	1.8	0.8	0.9	0.1	1.0	1.4	
							725	18.0	6.4	1.5	2.3	1.5	1.4	0.4	1.9	0.8	
							750	25.9	9.6	1.9	2.8	2.6	2.0	1.1	3.7	1.1	
							775	42.5	15.7	2.5	3.9	3.6	3.3	3.3	7.0	1.6	44.3
							800	100	30.9	2.5	4.4	4.8	10.7	8.8	13.6	2.2	43.9
							825	100	30.3	2.9	4.1	4.4	11.3	8.9	13.3	1.7	43.7
							850	100	30.1	3.4	4.2	3.7	11.5	8.8	12.5	1.9	41.5
53	SVR-2	Mg	Ca	Nd	La_2O_3	0.87	500	97.2	27.9	3.2	3.5	5.7	11.9	5.3	10.9	1.6	39.2
							525	98.1	28.9	3.0	3.3	6.0	12.1	6.0	12.0	1.5	41.7
							550	98.6	30.0	2.9	3.1	6.1	12.1	6.5	12.6	2.2	41.9
							575	98.9	30.2	2.8	2.9	6.1	12.2	6.8	12.9	2.2	42.8
							600	99.0	30.6	2.8	5.6	6.2	12.2	7.0	13.2	-0.3	43.0
							625	99.1	30.6	2.8	4.1	6.1	12.2	7.1	13.2	1.2	43.1
							650	99.1	30.8	2.9	2.5	6.0	12.3	7.2	13.1	2.8	42.7
							675	99.2	31.0	2.9	2.5	5.9	12.4	7.2	13.2	2.9	42.5
							700	99.3	31.6	2.9	2.5	6.1	12.5	7.5	13.5	3.1	42.7
							725	99.5	32.3	2.8	2.5	6.2	12.4	7.5	13.7	3.7	42.4
							750	99.9	32.9	2.8	3.9	6.4	12.5	7.6	14.0	2.5	42.6
							775	100	31.7	2.9	2.6	6.5	12.5	8.0	14.4	2.1	45.6
							800	100	31.7	3.3	6.5	6.0	12.3	8.2	14.2	-1.3	44.8
							825	100	31.4	3.8	3.1	5.3	12.4	8.5	13.8	2.1	43.9
							850	100	30.8	4.5	3.7	4.3	12.5	8.4	12.8	1.9	41.6
54	SVR-2	Na	Sm	None	La_2O_3	0.50	500	1.9	1.6	0.1	0.1	0.0	0.2	0.0	0.0	1.3	
							525	3.6	1.9	0.3	0.2	0.0	0.4	0.0	0.0	1.4	
							550	5.8	2.6	0.4	0.4	0.0	0.6	0.0	0.0	1.6	
							575	9.7	3.3	0.7	0.7	0.0	1.2	0.0	0.0	1.4	
							600	17.6	4.7	1.2	1.1	0.2	2.3	0.0	0.2	1.1	
							625	27.2	7.2	1.7	1.5	0.6	3.8	0.1	0.7	1.2	
							650	99.7	30.7	2.4	2.0	6.3	12.5	7.0	13.3	2.8	43.4
							675	99.5	30.6	2.5	2.2	6.2	12.6	6.9	13.1	2.7	42.8
							700	99.8	30.7	2.6	2.1	6.1	12.7	7.1	13.2	2.7	42.9
							725	100	30.7	2.8	2.2	5.9	12.6	7.2	13.1	2.7	42.6
							750	100	30.7	2.9	2.3	5.7	12.8	7.3	13.0	2.6	42.5
							775	100	30.7	3.1	3.2	5.4	12.7	7.5	12.8	2.0	41.8
							800	100	30.8	3.3	5.2	4.9	12.6	7.6	12.6	0.4	40.8
							825	100	30.2	3.7	3.3	4.3	12.4	7.8	12.1	2.5	40.0
							850	100	29.9	4.5	4.1	3.4	12.4	7.7	11.1	2.4	37.2

55	SVR-2	Li	Mn	None	BaO	0.17	500	-0.4	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	
							525	0.0	0.4	0.0	4.3	0.0	0.0	0.0	0.0	-3.9	
							550	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	
							575	0.6	0.7	0.0	0.0	0.0	0.1	0.0	0.0	0.6	
							600	1.2	1.1	0.0	0.0	0.0	0.1	0.0	0.0	1.0	
							625	1.8	1.3	0.1	0.0	0.0	0.2	0.0	0.0	1.0	
							650	2.8	1.7	0.2	0.0	0.0	0.4	0.0	0.0	1.2	
							675	4.9	2.4	0.3	0.0	0.1	0.7	0.0	0.1	1.6	
							700	7.2	2.5	0.4	0.1	0.2	1.1	0.0	0.2	1.0	
							725	11.7	3.8	0.6	0.2	0.5	1.8	0.1	0.5	1.3	
							750	18.2	5.9	0.8	0.3	1.0	2.7	0.2	1.3	1.7	
							775	92.5	25.2	1.3	0.7	4.6	12.8	5.0	9.6	2.1	38.1
							800	99.5	26.1	1.3	0.5	4.5	14.2	5.2	9.7	1.7	37.3
							825	100	26.9	1.3	0.5	4.5	14.1	5.5	10.0	2.2	37.2
							850	100	26.9	1.4	0.7	4.1	14.1	6.0	10.1	2.0	37.6
56	Unpublished	Rb	Ti	Hf	ZnO	0.08	500	-0.9	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
							525	-0.8	-0.1	0.0	0.2	0.0	0.1	0.0	0.0	-0.3	
							550	-0.1	0.2	0.1	0.2	0.0	0.1	0.0	0.0	-0.1	
							575	0.0	0.0	0.1	0.2	0.0	0.2	0.0	0.0	-0.4	
							600	0.7	0.3	0.2	0.2	0.0	0.3	0.0	0.0	-0.2	
							625	1.8	0.5	0.3	0.2	0.0	0.5	0.0	0.0	-0.2	
							650	3.2	0.9	0.4	0.2	0.1	0.7	0.0	0.1	-0.1	
							675	4.6	1.3	0.5	0.2	0.2	0.9	0.0	0.2	-0.1	
							700	6.3	1.7	0.5	0.3	0.5	1.1	0.0	0.5	-0.2	
							725	8.3	2.6	0.5	0.3	1.0	1.3	0.1	1.1	-0.2	
							750	12.4	4.2	0.5	0.4	1.7	1.7	0.4	2.1	0.0	
							775	19.9	6.9	0.5	0.7	2.6	2.3	1.0	3.7	0.2	
							800	37.8	12.6	0.7	1.4	3.7	3.9	3.1	**6.8**	0.5	53.7
							825	99.6	27.3	0.6	3.0	4.7	11.2	6.7	**11.4**	1.8	41.7
							850	92.1	25.8	1.0	5.0	3.7	8.5	6.7	**10.3**	1.9	40.1
57	Unpublished	K	Rb	Nd	ZnO	0.42	500	-0.1	-0.6	0.1	0.1	0.0	0.1	0.0	0.0	-0.8	
							525	0.8	0.1	0.1	0.1	0.0	0.2	0.0	0.0	-0.2	
							550	2.1	0.8	0.2	0.1	0.0	0.4	0.0	0.0	0.3	
							575	4.1	1.4	0.3	0.2	0.0	0.6	0.0	0.0	0.6	
							600	7.3	1.9	0.4	0.2	0.0	1.2	0.0	0.0	0.5	
							625	14.0	3.0	0.6	0.3	0.0	2.3	0.0	0.0	0.4	
							650	96.4	25.7	0.2	0.1	6.9	13.4	4.1	**11.0**	1.2	42.7

							675	98.8	26.1	0.2	0.1	6.7	13.8	4.2	**10.9**	1.3	41.7
							700	99.8	26.2	0.2	0.1	6.5	13.9	4.2	**10.6**	1.6	40.5
							725	100	26.0	0.3	0.2	6.1	14.0	4.2	**10.3**	1.5	39.7
							750	100	25.6	0.4	0.3	5.7	14.0	4.2	**9.9**	1.4	38.6
							775	100	25.8	0.6	0.5	5.1	13.9	4.2	**9.3**	2.1	36.0
							800	100	24.2	0.9	0.8	4.5	14.1	4.2	**8.7**	0.6	36.0
							825	100	23.5	1.2	1.0	3.8	14.3	4.1	**7.9**	0.3	33.5
							850	100	22.2	1.5	1.3	2.2	14.5	3.5	**5.8**	0.6	25.9
58	Unpublished	K	Ti	Nd	ZnO	0.39	500	-2.0	-0.7	0.1	0.1	0.0	0.1	0.0	0.0	-0.8	
							525	-1.8	-0.8	0.1	0.1	0.0	0.1	0.0	0.0	-1.1	
							550	-0.2	-0.5	0.2	0.1	0.0	0.3	0.0	0.0	-0.9	
							575	0.8	-0.4	0.2	0.1	0.0	0.4	0.0	0.0	-0.9	
							600	2.9	0.2	0.4	0.2	0.0	0.8	0.0	0.0	-0.8	
							625	6.6	0.7	0.6	0.3	0.0	1.4	0.0	0.0	-1.0	
							650	15.9	2.6	1.0	0.4	0.1	3.0	0.0	0.1	-0.9	
							675	98.7	26.3	0.5	0.2	7.2	13.7	5.5	**12.7**	-0.3	48.1
							700	99.3	26.7	0.4	0.2	7.3	13.7	5.6	**12.9**	-0.2	48.5
							725	99.9	27.4	0.3	0.1	7.5	13.6	6.0	**13.6**	0.1	49.5
							750	100	28.4	0.3	0.2	7.5	13.3	6.4	**14.0**	0.9	49.2
							775	100	28.5	0.4	0.3	7.3	13.2	6.9	**14.2**	0.8	49.9
							800	100	28.6	0.6	0.4	6.7	13.1	7.3	**14.0**	1.1	48.9
							825	100	27.1	0.8	0.5	5.9	13.4	7.5	**13.5**	-0.3	49.8
							850	100	25.3	1.1	0.8	4.4	13.8	7.0	**11.4**	-0.6	44.9
59	Unpublished	K	Ti	Rb	ZnO	0.14	500	-1.2	-1.9	0.0	0.1	0.0	0.0	0.0	0.0	-2.1	
							525	-1.0	-1.4	0.0	0.1	0.0	0.1	0.0	0.0	-1.6	
							550	-0.7	-1.3	0.0	0.1	0.0	0.1	0.0	0.0	-1.5	
							575	0.0	-0.9	0.1	0.1	0.0	0.2	0.0	0.0	-1.2	
							600	0.9	-0.6	0.1	0.1	0.0	0.3	0.0	0.0	-1.0	
							625	1.8	-0.6	0.2	0.1	0.0	0.5	0.0	0.0	-1.2	
							650	3.9	0.1	0.3	0.1	0.0	0.8	0.0	0.0	-0.9	
							675	6.9	0.4	0.5	0.2	0.1	1.4	0.0	0.1	-1.2	
							700	14.0	1.9	0.9	0.2	0.1	2.7	0.0	0.1	-1.1	
							725	18.6	3.2	1.0	0.3	0.4	3.4	0.0	0.4	-0.9	
							750	23.9	4.7	1.0	0.4	0.9	4.1	0.2	1.1	-0.8	
							775	30.8	7.0	0.9	0.5	2.0	4.8	0.7	2.7	-0.9	
							800	41.7	11.0	0.9	0.7	3.3	5.7	2.1	**5.4**	-0.8	48.9
							825	63.1	18.1	1.0	1.3	4.0	7.7	4.8	**8.8**	0.2	48.9

							850	94.3	24.8	0.9	1.3	4.4	12.1	7.0	**11.4**	0.1	45.8
60	Unpublished	K	Nd	Hf	ZnO	0.47	500	0.6	0.7	0.2	0.1	0.0	0.3	0.0	0.0	0.3	
							525	1.7	0.7	0.3	0.2	0.0	0.4	0.0	0.0	0.1	
							550	3.1	0.9	0.5	0.2	0.0	0.7	0.0	0.0	-0.1	
							575	6.0	1.4	0.6	0.3	0.0	1.2	0.0	0.0	-0.2	
							600	11.6	2.4	0.8	0.4	0.0	2.1	0.0	0.0	-0.2	
							625	37.8	7.2	1.0	0.6	0.6	6.2	0.1	0.6	-0.3	
							650	92.7	21.3	0.3	0.4	4.8	13.7	2.6	**7.4**	-0.2	34.7
							675	96.2	21.9	0.2	0.3	4.6	14.2	2.6	**7.2**	0.2	32.8
							700	98.1	21.5	0.2	0.3	4.3	14.6	2.4	**6.7**	-0.1	31.1
							725	99.2	21.1	0.3	0.4	3.8	15.0	2.2	**6.0**	-0.3	28.4
							750	99.6	20.8	0.4	0.5	3.4	15.2	2.0	**5.4**	-0.3	26.1
							775	99.6	20.0	0.5	0.7	3.2	15.2	2.0	**5.2**	-1.1	26.0
							800	99.7	20.4	0.7	0.9	3.0	15.1	2.0	**5.0**	-0.6	24.4
							825	99.7	19.9	1.0	1.3	2.6	15.1	1.9	**4.5**	-1.0	
							850	99.4	20.0	1.2	2.0	2.2	14.5	2.3	**4.5**	-0.9	
61	Unpublished	Rb	Eu	Hf	ZnO	0.46	500	0.9	-0.7	0.2	0.1	0.0	0.3	0.0	0.0	-1.1	
							525	2.2	-0.1	0.3	0.1	0.0	0.5	0.0	0.0	-0.7	
							550	4.1	0.5	0.3	0.2	0.0	0.8	0.0	0.0	-0.4	
							575	7.8	1.4	0.4	0.3	0.0	1.3	0.0	0.0	-0.1	
							600	14.5	2.6	0.5	0.4	0.0	2.3	0.0	0.0	-0.1	
							625	94.9	21.4	0.2	0.3	4.5	14.0	2.7	**7.2**	-0.1	33.6
							650	97.7	22.3	0.2	0.3	4.6	14.4	2.8	**7.4**	0.2	33.3
							675	98.9	22.6	0.3	0.3	4.6	14.6	2.8	**7.4**	0.3	32.6
							700	99.5	23.1	0.4	0.4	4.5	14.6	2.7	**7.2**	0.9	31.1
							725	99.8	21.8	0.6	0.5	4.4	15.0	2.6	**7.0**	-0.6	31.9
							750	100	21.4	0.8	0.6	4.0	15.1	2.4	**6.4**	-0.7	29.8
							775	100	21.1	1.0	0.9	3.7	15.1	2.2	**5.9**	-0.7	28.0
							800	100	20.8	1.3	1.2	3.2	15.0	2.0	**5.2**	-0.6	25.1
							825	100	20.5	1.7	1.5	2.7	15.1	2.0	**4.7**	-0.9	
							850	100	20.0	1.8	1.7	1.8	15.1	1.9	**3.7**	-0.5	
62	Unpublished	K	Rb	Hf	ZnO	0.47	500	-2.4	-2.4	0.2	0.0	0.0	0.2	0.0	0.0	-2.7	
							525	-1.6	-2.6	0.3	0.1	0.0	0.4	0.0	0.0	-3.0	
							550	0.0	-2.3	0.4	0.1	0.0	0.6	0.0	0.0	-3.0	
							575	2.2	-1.6	0.5	0.2	0.0	1.0	0.0	0.0	-2.7	
							600	6.5	-1.1	0.6	0.2	0.0	1.7	0.0	0.0	-3.0	
							625	17.9	1.1	0.9	0.3	0.1	3.7	0.0	0.1	-3.0	

							650	99.2	20.4	0.2	0.2	5.0	15.1	3.0	**8.0**	-2.9	39.3
							675	100	21.1	0.2	0.2	5.0	15.1	3.3	**8.2**	-2.4	39.0
							700	100	22.1	0.3	0.3	5.0	14.9	3.2	**8.2**	-1.3	37.2
							725	100	21.3	0.5	0.4	4.9	15.1	3.3	**8.2**	-2.3	38.3
							750	100	21.2	0.7	0.6	4.5	15.1	3.2	**7.7**	-2.2	36.4
							775	100	20.7	1.0	0.8	4.0	15.2	3.1	**7.1**	-2.4	34.1
							800	100	19.4	1.4	1.2	3.4	15.4	2.9	**6.4**	-3.6	32.7
							825	100	18.8	1.8	1.7	2.8	15.6	2.8	**5.6**	-4.0	29.6
							850	100	18.3	2.8	2.8	1.6	15.4	2.4	**4.0**	-3.9	
63	Unpublished	Rb	Ba	Eu	ZnO	N/A	500	-2.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	-2.6	
							525	-1.1	-1.5	0.0	0.1	0.0	0.0	0.0	0.0	-1.6	
							550	-0.8	-1.3	0.0	0.1	0.0	0.0	0.0	0.0	-1.4	
							575	-0.2	-1.0	0.1	0.1	0.0	0.1	0.0	0.0	-1.1	
							600	0.1	-1.0	0.1	0.1	0.0	0.1	0.0	0.0	-1.2	
							625	0.9	-0.7	0.2	0.2	0.0	0.2	0.0	0.0	-1.1	
							650	2.0	-0.3	0.4	0.3	0.1	0.4	0.0	0.1	-1.0	
							675	4.1	0.4	0.5	0.4	0.2	0.6	0.0	0.2	-0.8	
							700	6.7	1.0	0.8	0.5	0.5	1.0	0.1	0.6	-1.1	
							725	11.6	2.4	0.9	0.7	1.3	1.8	0.2	1.5	-1.5	
							750	21.8	6.0	1.1	0.7	2.8	3.0	1.0	3.8	-1.5	
							775	97.1	28.2	0.3	0.2	6.9	12.4	8.1	**15.0**	0.6	53.3
							800	99.8	28.6	0.3	0.1	6.9	13.1	7.9	**14.8**	0.7	51.6
							825	100	28.1	0.6	0.2	6.3	13.1	7.7	**14.0**	0.8	49.8
							850	100	26.2	0.8	0.4	5.3	13.4	7.3	**12.6**	-0.2	48.0
64	Unpublished	Ti	Eu	Hf	ZnO	0.30	500	-1.3	-0.5	0.1	0.1	0.0	0.1	0.0	0.0	-0.7	
							525	-0.5	-0.2	0.1	0.1	0.0	0.2	0.0	0.0	-0.4	
							550	-0.1	-0.3	0.2	0.1	0.0	0.3	0.0	0.0	-0.7	
							575	0.6	0.0	0.3	0.1	0.0	0.4	0.0	0.0	-0.4	
							600	1.9	0.4	0.5	0.0	0.0	0.7	0.0	0.0	-0.3	
							625	3.7	0.6	0.7	0.0	0.0	1.1	0.0	0.0	-0.5	
							650	7.0	1.5	1.0	0.1	0.1	1.7	0.0	0.1	-0.3	
							675	12.8	2.7	1.3	0.2	0.3	2.7	0.0	0.3	-0.6	
							700	26.3	6.5	1.5	0.3	1.5	4.7	0.3	1.9	-0.4	
							725	85.7	24.3	0.6	1.2	6.7	10.9	5.1	**11.8**	0.4	48.6
							750	90.9	25.5	0.6	1.4	6.6	11.4	5.6	**12.2**	0.5	48.0
							775	94.9	26.1	0.5	1.6	6.2	11.9	5.9	**12.1**	0.5	46.6
							800	97.1	26.4	0.5	1.8	5.5	12.0	6.0	**11.5**	1.0	43.5

							825	98.5	25.4	0.6	2.5	4.6	12.0	6.0	**10.6**	0.3	41.8
							850	99.5	24.6	0.8	3.9	3.3	11.3	5.8	**9.1**	0.2	37.0
65	Unpublished	K	Ti	Hf	ZnO	0.12	500	-0.7	-0.6	0.0	0.6	0.0	0.0	0.0	0.0	-1.3	
							525	-0.4	-1.0	0.0	0.0	0.0	0.1	0.0	0.0	-1.0	
							550	-0.2	-0.8	0.1	0.0	0.0	0.1	0.0	0.0	-0.9	
							575	0.1	-0.8	0.1	0.0	0.0	0.2	0.0	0.0	-1.0	
							600	0.4	-0.8	0.2	0.0	0.0	0.3	0.0	0.0	-1.1	
							625	1.4	-0.4	0.3	0.0	0.0	0.4	0.0	0.0	-0.9	
							650	2.6	0.0	0.4	0.0	0.1	0.6	0.0	0.1	-0.7	
							675	4.0	0.3	0.5	0.1	0.2	0.8	0.0	0.2	-0.8	
							700	5.6	1.0	0.5	0.1	0.4	1.0	0.0	0.4	-0.6	
							725	7.5	1.7	0.5	0.2	0.8	1.3	0.1	0.9	-0.6	
							750	10.6	2.9	0.5	0.3	1.4	1.5	0.3	1.7	-0.6	
							775	16.8	5.3	0.6	0.6	2.3	2.1	0.7	3.0	-0.4	
							800	32.0	10.1	0.8	1.4	3.4	3.4	2.2	**5.6**	-0.3	55.4
							825	88.7	24.6	0.8	3.3	4.6	9.6	6.2	**10.8**	0.9	44.0
							850	95.5	25.2	0.8	5.4	3.6	9.2	6.1	**9.7**	0.9	38.6
66	Unpublished	K	Rb	Ba	ZnO	0.18	500	-1.9	-1.3	0.0	0.1	0.0	0.0	0.0	0.0	-1.4	
							525	-2.0	-2.1	0.0	0.1	0.0	0.0	0.0	0.0	-2.3	
							550	-1.4	-1.7	0.0	0.1	0.0	0.0	0.0	0.0	-1.9	
							575	-1.3	-1.8	0.0	0.1	0.0	0.1	0.0	0.0	-2.0	
							600	0.0	-0.7	0.1	0.1	0.0	0.2	0.0	0.0	-1.0	
							625	1.2	0.0	0.2	0.1	0.0	0.3	0.0	0.0	-0.4	
							650	2.4	0.2	0.3	0.1	0.1	0.5	0.0	0.1	-0.5	
							675	4.8	0.9	0.5	0.2	0.3	0.9	0.0	0.3	-0.5	
							700	8.0	1.9	0.7	0.3	0.8	1.4	0.1	0.9	-0.7	
							725	14.3	3.9	1.0	0.3	1.7	2.4	0.3	2.0	-0.9	
							750	33.4	9.6	1.6	0.2	3.5	5.3	1.5	**5.0**	-0.9	51.7
							775	98.3	28.4	0.6	0.1	7.1	13.0	7.8	**14.9**	0.4	52.4
							800	99.7	28.6	0.6	0.0	6.8	13.2	8.0	**14.8**	0.6	51.7
							825	100	28.4	0.7	0.2	6.3	13.3	8.1	**14.4**	0.6	50.6
							850	100	27.3	0.8	0.3	5.1	13.5	7.5	**12.6**	0.9	46.0
67	Unpublished	K	Nd	Eu	ZnO	0.41	500	-2.5	-3.4	0.1	0.2	0.0	0.1	0.0	0.0	-3.7	
							525	-1.6	-2.9	0.1	0.2	0.0	0.2	0.0	0.0	-3.3	
							550	-0.2	-2.6	0.2	0.1	0.0	0.4	0.0	0.0	-3.1	
							575	2.1	-1.9	0.4	0.1	0.0	0.8	0.0	0.0	-2.8	
							600	6.9	-0.8	0.5	0.1	0.0	1.6	0.0	0.0	-2.5	

							625	20.2	1.7	0.6	0.2	0.1	3.8	0.0	0.1	-2.5	
							650	96.0	22.7	0.2	0.1	6.7	13.9	3.9	**10.6**	-1.8	46.5
							675	98.6	23.2	0.2	0.1	6.7	14.4	4.0	**10.7**	-2.0	46.2
							700	99.5	23.1	0.3	0.1	6.6	14.6	4.0	**10.6**	-2.2	45.9
							725	99.9	23.2	0.4	0.2	6.3	14.7	4.0	**10.3**	-2.0	44.4
							750	100	22.7	0.6	0.5	6.0	14.7	3.9	**9.9**	-2.4	43.5
							775	100	23.3	0.9	0.2	5.5	14.6	3.9	**9.4**	-0.9	40.3
							800	100	22.7	1.2	1.0	5.0	14.7	3.8	**8.9**	-1.8	39.1
							825	100	21.5	1.7	1.4	4.3	14.8	3.9	**8.2**	-2.9	38.1
							850	100	20.3	2.2	2.0	2.9	14.8	3.6	**6.4**	-3.0	31.7
68	Unpublished	K	Rb	Eu	ZnO	0.44	500	-2.5	-2.0	0.1	0.0	0.0	0.1	0.0	0.0	-2.1	
							525	-1.9	-1.7	0.1	1.1	0.0	0.3	0.0	0.0	-3.1	
							550	-0.4	-1.7	0.2	0.0	0.0	0.5	0.0	0.0	-2.3	
							575	1.9	-1.4	0.4	0.0	0.0	0.9	0.0	0.0	-2.4	
							600	6.5	-0.9	0.5	0.1	0.0	1.8	0.0	0.0	-2.8	
							625	19.8	1.8	0.7	0.2	0.1	4.0	0.0	0.1	-2.5	
							650	99.8	24.2	0.2	0.0	7.0	14.6	4.1	**11.1**	-1.6	45.9
							675	100	24.7	0.3	0.2	7.1	14.6	4.1	**11.2**	-1.2	45.4
							700	100	24.7	0.6	0.4	7.0	14.7	4.2	**11.2**	-1.6	45.4
							725	100	24.6	0.8	0.5	6.6	14.5	4.1	**10.8**	-1.2	43.9
							750	100	23.7	1.1	0.8	6.4	14.7	4.2	**10.7**	-2.4	45.0
							775	100	23.4	1.4	1.1	6.1	14.8	4.3	**10.4**	-2.9	44.4
							800	100	23.0	1.7	1.4	5.3	14.8	4.1	**9.4**	-2.5	40.8
							825	100	22.2	2.1	1.8	4.3	14.9	3.9	**8.2**	-2.6	37.0
							850	100	20.6	2.5	2.3	2.7	15.1	3.2	**5.9**	-2.7	28.5
69	Unpublished	K	Rb	La	ZnO	0.43	500	-0.7	-1.5	0.1	0.1	0.0	0.1	0.0	0.0	-1.7	
							525	0.5	-0.2	0.1	0.2	0.0	0.1	0.0	0.0	-0.5	
							550	1.3	-0.1	0.2	0.1	0.0	0.3	0.0	0.0	-0.4	
							575	2.4	0.1	0.3	0.1	0.0	0.5	0.0	0.0	-0.4	
							600	4.6	0.6	0.5	0.2	0.0	0.8	0.0	0.0	-0.5	
							625	8.5	1.5	0.8	0.4	0.0	1.5	0.0	0.0	-0.5	
							650	17.5	3.5	1.3	0.6	0.2	3.1	0.0	0.2	-0.4	
							675	98.1	26.5	0.5	0.2	7.1	13.5	5.3	**12.5**	0.4	47.1
							700	99.4	26.0	0.5	0.2	7.0	13.9	5.4	**12.3**	-0.4	47.4
							725	99.8	26.3	0.5	0.2	6.9	13.9	5.4	**12.3**	0.0	46.6
							750	100	26.3	0.4	0.2	6.7	13.9	5.5	**12.2**	0.1	46.2
							775	100	26.1	0.5	0.3	6.5	13.9	5.6	**12.1**	-0.2	46.3

							800	100	26.6	0.7	0.5	6.0	13.8	5.6	**11.6**	0.8	43.6
							825	100	24.9	0.9	0.6	5.2	14.1	5.7	**11.0**	-0.8	44.1
							850	100	23.7	1.2	1.0	3.7	14.3	5.3	**9.0**	-0.6	38.0
70	Unpublished	K	Sn	Sm	CaO	0.38	500	-2.0	-1.1	0.1	0.2	0.0	0.1	0.0	0.0	-1.4	
							525	-1.2	-0.9	0.1	0.2	0.0	0.1	0.0	0.0	-1.2	
							550	-0.2	-1.0	0.2	0.1	0.0	0.2	0.0	0.0	-1.3	
							575	1.0	-0.9	0.4	0.4	0.0	0.4	0.0	0.0	-1.7	
							600	3.6	-0.3	0.6	0.7	0.0	0.8	0.0	0.0	-1.8	
							625	8.3	0.7	1.1	1.3	0.1	1.4	0.0	0.1	-2.0	
							650	18.0	2.9	1.9	2.3	0.3	2.6	0.0	0.3	-2.3	
							675	31.0	6.4	2.7	3.4	0.9	4.0	0.2	1.1	-2.1	
							700	45.9	10.9	3.1	4.0	2.4	5.7	0.8	3.2	-2.1	
							725	97.6	25.9	1.0	2.3	5.8	12.1	6.7	**12.5**	-1.0	48.3
							750	99.3	26.2	0.9	1.9	5.5	12.5	6.8	**12.4**	-0.6	47.2
							775	100	26.0	0.8	1.6	5.3	13.0	6.7	**12.0**	-0.6	46.4
							800	100	25.9	1.0	1.5	5.0	13.2	6.6	**11.6**	-0.4	44.9
							825	100	24.7	1.3	1.6	4.6	13.5	6.8	**11.4**	-1.8	46.2
							850	100	24.5	1.7	1.9	3.9	13.5	6.8	**10.8**	-1.6	43.9
71	Unpublished	K	Ti	Eu	ZnO	0.37	500	-0.7	-1.2	0.0	1.1	0.0	0.1	0.0	0.0	-2.4	
							525	-0.3	-1.4	0.1	0.6	0.0	0.1	0.0	0.0	-2.1	
							550	0.9	-0.5	0.1	0.1	0.0	0.2	0.0	0.0	-0.8	
							575	1.5	-0.2	0.2	0.1	0.0	0.3	0.0	0.0	-0.6	
							600	2.7	-0.1	0.2	0.0	0.0	0.5	0.0	0.0	-0.7	
							625	5.1	0.5	0.4	0.1	0.0	0.9	0.0	0.0	-0.5	
							650	9.3	1.3	0.6	0.2	0.0	1.6	0.0	0.0	-0.6	
							675	19.5	3.2	0.9	0.4	0.1	3.3	0.0	0.1	-0.6	
							700	95.2	25.4	0.7	0.3	7.0	13.3	4.8	**11.8**	-0.1	46.6
							725	96.7	26.3	0.6	0.3	7.4	13.3	5.6	**13.0**	-0.3	49.5
							750	98.1	27.6	0.5	0.3	7.7	13.1	6.5	**14.2**	0.0	51.4
							775	99.1	28.5	0.5	0.3	7.7	13.1	7.3	**14.9**	0.2	52.4
							800	99.9	28.6	0.6	0.4	7.2	13.1	7.5	**14.7**	0.4	51.4
							825	100	28.3	0.8	0.5	6.3	13.2	7.1	**13.4**	1.2	47.3
							850	100	25.7	1.1	0.8	4.9	13.7	6.8	**11.7**	-0.5	45.5
72	Unpublished	K	Ba	Nd	ZnO	0.33	500	-2.0	-1.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	
							525	-1.5	-1.3	0.0	0.0	0.0	0.1	0.0	0.0	-1.3	
							550	-1.1	-1.3	0.1	0.0	0.0	0.1	0.0	0.0	-1.5	
							575	-0.1	-0.9	0.1	0.0	0.0	0.2	0.0	0.0	-1.2	

							600	1.2	-0.8	0.2	0.0	0.0	0.5	0.0	0.0	-1.3	
							625	3.6	-0.4	0.3	0.1	0.0	0.9	0.0	0.0	-1.5	
							650	8.1	0.3	0.5	0.2	0.1	1.7	0.0	0.1	-1.7	
							675	16.9	1.8	0.8	0.2	0.5	3.2	0.1	0.6	-2.3	
							700	38.0	8.6	0.9	0.2	3.0	6.1	0.9	4.0	-1.6	
							725	99.6	28.1	0.3	0.0	7.7	13.4	7.2	**14.9**	-0.2	53.1
							750	100	28.1	0.3	0.0	7.6	13.4	7.2	**14.9**	-0.2	53.0
							775	100	28.3	0.4	0.2	7.3	13.3	7.3	**14.6**	0.2	51.7
							800	100	28.1	0.5	0.3	6.8	13.3	7.3	**14.1**	0.5	50.2
							825	100	27.5	0.6	0.4	5.8	13.3	7.2	**13.0**	0.8	47.2
							850	100	23.7	0.8	0.6	4.0	14.1	6.2	**10.2**	-1.2	43.0
73	Unpublished	Ti	Ba	Eu	ZnO	0.34	500	-0.7	-1.0	0.0	0.1	0.0	0.0	0.0	0.0	-1.1	
							525	-0.7	-1.1	0.1	0.1	0.0	0.1	0.0	0.0	-1.3	
							550	0.3	-0.7	0.1	0.1	0.0	0.1	0.0	0.0	-0.9	
							575	1.2	-0.1	0.2	0.1	0.0	0.3	0.0	0.0	-0.4	
							600	2.5	0.1	0.4	0.2	0.0	0.5	0.0	0.0	-0.5	
							625	5.0	1.2	0.6	0.3	0.0	0.9	0.0	0.0	0.0	
							650	8.2	1.8	1.1	0.4	0.1	1.6	0.0	0.1	-0.4	
							675	16.7	3.8	1.7	0.5	0.5	3.2	0.1	0.5	-0.3	
							700	95.9	27.5	0.6	0.1	7.2	12.9	6.7	**14.0**	0.5	50.8
							725	94.8	26.6	0.9	0.2	6.5	13.0	6.5	**13.1**	0.5	49.0
							750	98.9	27.8	0.6	0.0	6.7	13.4	6.9	**13.6**	0.8	48.9
							775	99.8	27.6	0.5	0.1	6.6	13.6	7.0	**13.6**	0.3	49.4
							800	100	27.8	0.5	0.2	6.2	13.5	7.1	**13.2**	0.9	47.6
							825	100	27.2	0.6	0.3	5.2	13.5	6.9	**12.1**	1.2	44.7
							850	100	24.2	0.8	0.5	3.7	14.1	6.2	**9.8**	-0.2	40.5
74	Unpublished	K	Mo	Sm	CaO	0.15	500	-0.8	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	
							525	-0.9	-0.4	0.0	0.0	0.0	0.1	0.0	0.0	-0.5	
							550	-0.3	-0.7	0.1	0.0	0.0	0.1	0.0	0.0	-0.8	
							575	0.1	-0.2	0.1	0.1	0.0	0.1	0.0	0.0	-0.5	
							600	0.7	0.1	0.2	0.2	0.0	0.1	0.0	0.0	-0.3	
							625	1.1	0.2	0.2	0.3	0.0	0.2	0.0	0.0	-0.4	
							650	2.1	0.2	0.3	0.4	0.1	0.2	0.0	0.1	-0.6	
							675	2.5	0.2	0.3	0.5	0.3	0.3	0.0	0.3	-0.8	
							700	3.5	0.9	0.3	0.5	0.6	0.3	0.0	0.6	-0.6	
							725	5.2	1.5	0.3	0.6	1.1	0.4	0.2	1.3	-0.9	
							750	8.3	3.0	0.4	0.8	2.0	0.6	0.5	2.4	-0.8	

							775	14.6	5.8	0.5	1.2	3.1	1.0	1.4	4.5	-0.9	
							800	31.4	12.5	1.0	2.3	4.3	2.0	4.1	**8.4**	-0.2	67.2
							825	89.8	28.8	1.4	3.7	4.6	8.3	10.6	**15.2**	1.6	52.7
							850	100	29.8	1.2	3.4	3.9	10.2	9.8	**13.7**	2.5	46.0
75	Unpublished	K	La	Hf	ZnO	0.42	500	-1.6	-2.4	0.2	0.2	0.0	0.2	0.0	0.0	-2.7	
							525	-0.1	-1.5	0.3	0.2	0.0	0.3	0.0	0.0	-1.9	
							550	1.2	-0.6	0.5	0.1	0.0	0.5	0.0	0.0	-1.2	
							575	3.6	-0.1	0.7	0.4	0.0	0.8	0.0	0.0	-1.3	
							600	7.3	0.8	1.1	0.6	0.0	1.4	0.0	0.0	-1.2	
							625	13.8	2.3	1.5	0.9	0.1	2.5	0.0	0.1	-1.2	
							650	90.7	20.8	0.4	0.4	5.2	13.2	3.2	**8.5**	-1.3	40.8
							675	94.9	22.1	0.3	0.3	5.5	13.6	3.8	**9.3**	-1.1	42.1
							700	97.8	22.4	0.2	0.2	5.4	14.3	3.9	**9.3**	-1.5	41.7
							725	99.0	22.3	0.3	0.3	5.2	14.5	3.8	**9.0**	-1.4	40.2
							750	99.6	22.4	0.4	0.3	4.9	14.6	3.7	**8.6**	-1.2	38.4
							775	99.8	22.4	0.6	0.5	4.5	14.7	3.6	**8.1**	-0.9	36.2
							800	100	21.2	0.8	0.7	3.9	14.9	3.6	**7.5**	-1.9	35.3
							825	100	20.6	1.2	1.1	2.9	14.9	3.3	**6.2**	-1.6	30.1
							850	100	19.1	2.4	2.4	1.2	15.0	2.9	**4.2**	-2.5	
76	Unpublished	Ti	Sm	Bi	BaO	0.24	500	2.5	0.4	0.0	0.2	0.0	0.1	0.0	0.0	0.2	
							525	3.3	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.6	
							550	4.1	1.3	0.0	0.1	0.0	0.2	0.0	0.0	1.0	
							575	5.1	1.5	0.0	0.1	0.0	0.3	0.0	0.0	1.1	
							600	6.9	2.0	0.0	0.1	0.0	0.6	0.0	0.0	1.3	
							625	11.1	4.0	0.0	0.1	0.0	1.0	0.0	0.0	3.0	
							650	17.3	5.9	0.0	0.0	0.1	1.8	0.0	0.1	4.0	
							675	25.1	3.2	0.1	0.1	0.6	3.7	0.1	0.7	-1.3	
							700	21.2	3.3	0.1	0.1	0.8	3.1	0.1	0.9	-0.8	
							725	34.8	7.6	0.1	0.2	2.6	4.9	0.6	3.2	-0.6	
							750	30.7	7.3	0.1	0.2	2.7	4.1	0.7	3.4	-0.4	
							775	56.8	17.1	0.1	0.2	5.6	6.7	4.0	**9.6**	0.6	56.1
							800	87.5	25.4	0.3	0.3	6.4	10.7	7.1	**13.5**	1.0	53.0
							825	91.7	26.1	0.4	0.4	5.9	11.3	7.3	**13.2**	1.2	50.4
							850	95.5	25.7	0.5	0.4	4.8	12.2	7.0	**11.8**	1.3	46.0
77	Unpublished	Y	Sm	Bi	BaO	0.22	500	1.1	-1.0	0.0	0.2	0.0	0.1	0.0	0.0	-1.2	
							525	4.2	1.5	0.0	0.1	0.0	0.1	0.0	0.0	1.3	
							550	3.0	0.9	0.0	0.1	0.0	0.2	0.0	0.0	0.5	

							575	4.2	1.1	0.0	0.1	0.0	0.4	0.0	0.0	0.6	
							600	6.4	1.8	0.0	0.1	0.0	0.7	0.0	0.0	1.1	
							625	9.1	2.4	0.1	0.1	0.0	1.1	0.0	0.0	1.2	
							650	13.9	3.1	0.1	0.1	0.1	1.9	0.0	0.1	1.0	
							675	21.7	5.0	0.1	0.1	0.4	3.0	0.0	0.5	1.4	
							700	28.9	6.4	0.1	0.1	1.2	4.1	0.2	1.4	0.7	
							725	37.2	9.4	0.2	0.2	2.4	5.1	0.7	3.1	1.0	
							750	50.2	13.8	0.2	0.2	4.0	6.5	1.9	5.9	1.2	42.9
							775	63.1	18.8	0.2	0.3	5.3	7.7	3.9	**9.2**	1.6	48.9
							800	83.1	24.8	0.3	0.4	5.7	9.9	6.6	**12.3**	2.1	49.5
							825	90.6	26.2	0.4	0.5	5.2	10.9	7.2	**12.4**	2.4	47.4
							850	95.4	26.1	0.4	0.7	4.2	11.8	6.8	**11.0**	2.7	42.1
78	Unpublished	Sm	W	Bi	BaO	0.21	500	1.3	-0.3	0.0	0.2	0.0	0.1	0.0	0.0	-0.5	
							525	3.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	-0.2	
							550	3.1	0.5	0.0	0.1	0.0	0.3	0.0	0.0	0.1	
							575	5.3	1.0	0.0	0.1	0.0	0.5	0.0	0.0	0.5	
							600	6.3	1.5	0.0	0.1	0.0	0.7	0.0	0.0	0.7	
							625	9.1	2.6	0.0	0.1	0.0	1.2	0.0	0.0	1.3	
							650	13.3	2.3	0.0	0.1	0.2	1.8	0.0	0.2	0.2	
							675	20.6	4.2	0.1	0.1	0.7	2.8	0.1	0.7	0.5	
							700	23.9	5.8	0.1	0.2	1.4	3.2	0.3	1.7	0.8	
							725	29.4	8.3	0.1	0.1	2.6	3.7	0.7	3.3	1.2	
							750	34.4	10.3	0.1	0.2	3.6	4.2	1.3	4.9	1.1	
							775	37.7	12.1	0.1	0.2	4.1	4.5	1.9	**6.0**	1.5	49.4
							800	39.9	12.4	0.1	0.3	4.2	4.6	2.7	**6.9**	0.7	55.5
							825	85.7	26.6	0.4	0.6	5.2	10.0	7.2	**12.4**	3.6	46.8
							850	94.0	26.1	0.5	0.6	4.5	11.7	7.2	**11.7**	2.2	44.6
79	Unpublished	Ti	W	Bi	BaO	0.09	500	1.1	-1.9	0.0	0.0	0.0	0.1	0.0	0.0	-2.0	
							525	2.1	-1.0	0.0	0.1	0.0	0.1	0.0	0.0	-1.1	
							550	3.1	-0.3	0.0	0.1	0.0	0.2	0.0	0.0	-0.5	
							575	3.6	0.6	0.0	0.0	0.0	0.3	0.0	0.0	0.2	
							600	6.2	2.5	0.0	0.1	0.0	0.5	0.0	0.0	2.0	
							625	7.4	1.8	0.0	0.1	0.0	0.8	0.0	0.0	0.9	
							650	10.0	2.1	0.1	0.1	0.1	1.2	0.0	0.1	0.7	
							675	14.6	3.3	0.1	0.1	0.3	1.9	0.0	0.4	0.9	
							700	17.7	4.1	0.1	0.1	0.9	2.3	0.1	1.0	0.6	
							725	19.0	5.3	0.1	0.1	1.7	2.3	0.3	2.0	0.9	

							750	26.4	7.9	0.1	0.1	3.0	3.2	0.9	3.9	0.6	
							775	30.2	9.4	0.1	0.2	3.4	3.4	1.5	4.9	0.9	
							800	37.7	12.1	0.2	0.5	3.8	4.0	2.5	**6.3**	1.3	52.0
							825	67.1	20.7	0.5	0.9	4.8	7.4	5.8	**10.6**	1.8	51.2
							850	90.4	24.5	0.6	1.0	4.3	10.8	6.8	**11.1**	1.6	45.5
80	Unpublished	Sm	Bi	None	BaO	0.25	500	0.9	-0.8	0.0	0.2	0.0	0.1	0.0	0.0	-1.1	
							525	2.1	0.1	0.0	0.1	0.0	0.2	0.0	0.0	-0.2	
							550	3.1	0.5	0.0	0.1	0.0	0.3	0.0	0.0	0.1	
							575	5.0	1.1	0.0	0.1	0.0	0.6	0.0	0.0	0.5	
							600	7.9	1.8	0.0	0.1	0.0	1.0	0.0	0.0	0.7	
							625	13.4	2.5	0.0	0.1	0.0	1.9	0.0	0.0	0.5	
							650	14.6	2.6	0.0	0.1	0.1	2.1	0.0	0.1	0.3	
							675	24.3	4.9	0.0	0.1	0.5	3.5	0.1	0.6	0.6	
							700	30.0	6.8	0.0	0.1	1.3	4.3	0.2	1.5	0.9	
							725	26.6	6.3	0.1	0.2	1.5	3.6	0.3	1.8	0.7	
							750	50.2	14.5	0.1	0.2	4.4	6.4	2.2	**6.6**	1.2	46.0
							775	37.4	11.3	0.1	0.3	3.4	4.6	1.7	**5.1**	1.4	44.8
							800	88.1	26.2	0.3	0.3	5.8	10.8	6.8	**12.5**	2.5	48.0
							825	93.7	26.7	0.3	0.4	5.3	11.8	6.8	**12.1**	2.4	45.3
							850	97.9	26.1	0.4	0.5	4.1	12.7	6.2	**10.3**	2.7	39.4
81	Unpublished	K	Mo	Sm	La_2O_3	0.45	500	-2.4	-0.1	0.0	1.0	0.0	0.0	0.0	0.0	-1.1	
							525	-2.1	-0.4	0.0	0.2	0.0	0.1	0.0	0.0	-0.7	
							550	-1.0	0.0	0.1	0.2	0.0	0.1	0.0	0.0	-0.4	
							575	-0.7	-0.5	0.2	0.1	0.0	0.3	0.0	0.0	-0.9	
							600	1.7	0.5	0.3	0.3	0.0	0.6	0.0	0.0	-0.5	
							625	6.3	1.0	0.5	0.4	0.1	1.4	0.0	0.1	-0.9	
							650	91.6	24.8	0.3	1.0	5.9	12.2	5.3	**11.2**	0.4	45.2
							675	95.0	24.6	0.4	1.3	5.5	12.7	4.8	**10.3**	0.3	41.7
							700	97.4	24.6	0.5	1.4	5.4	13.2	4.6	**10.0**	0.0	40.5
							725	98.9	24.1	0.7	1.6	5.3	13.6	4.5	**9.8**	-0.9	40.7
							750	99.6	24.7	1.0	1.8	5.1	13.8	4.4	**9.5**	-0.5	38.6
							775	99.9	25.9	1.3	1.8	4.7	13.7	4.4	**9.1**	1.2	35.2
							800	99.9	23.6	1.6	2.1	4.3	13.9	4.7	**9.0**	-1.4	38.2
							825	100	23.8	2.1	2.5	3.6	13.8	5.1	**8.8**	-1.3	36.8
							850	100	24.0	3.3	3.9	2.3	13.4	5.5	**7.8**	-1.1	32.4
82	Unpublished	Ti	Y	Sm	BaO	0.23	500	1.9	0.1	0.0	0.2	0.0	0.1	0.0	0.0	-0.1	
							525	2.4	0.6	0.0	0.2	0.0	0.1	0.0	0.0	0.3	

							550	3.2	1.2	0.1		0.1	0.0	0.2	0.0	0.0	0.9	
							575	4.1	1.3	0.1		0.2	0.0	0.3	0.0	0.0	0.9	
							600	5.3	1.8	0.1		0.2	0.0	0.5	0.0	0.0	1.2	
							625	7.3	2.4	0.2		0.2	0.0	0.8	0.0	0.0	1.5	
							650	10.9	3.0	0.3		0.2	0.0	1.4	0.0	0.0	1.4	
							675	16.2	3.9	0.4		0.2	0.1	2.3	0.0	0.1	1.3	
							700	22.6	4.9	0.4		0.2	0.2	3.3	0.0	0.3	1.1	
							725	28.0	6.3	0.4		0.3	1.0	3.9	0.2	1.1	0.9	
							750	30.9	8.3	0.4		0.5	2.2	3.9	0.7	2.9	1.0	
							775	34.8	12.5	0.5		0.8	3.8	3.8	2.0	**5.8**	2.1	46.1
							800	72.3	22.1	0.8		1.5	5.1	8.0	5.9	**11.0**	1.6	49.8
							825	88.4	25.4	1.1		2.0	4.7	9.9	7.2	**11.8**	1.6	46.6
							850	96.0	26.8	1.3		2.8	3.8	10.7	7.1	**10.9**	2.4	40.7
83	Unpublished	Na	Sn	Ba	BaO	0.36	500	2.0	0.2	0.0		0.1	0.0	0.1	0.0	0.0	0.0	
							525	2.9	1.2	0.0		0.1	0.0	0.2	0.0	0.0	0.9	
							550	3.8	1.9	0.0		0.1	0.0	0.2	0.0	0.0	1.5	
							575	4.5	2.2	0.0		0.1	0.0	0.3	0.0	0.0	1.7	
							600	5.9	2.6	0.0		0.1	0.0	0.5	0.0	0.0	2.0	
							625	8.3	3.2	0.1		0.1	0.0	0.9	0.0	0.0	2.1	
							650	12.6	3.7	0.2		0.2	0.1	1.6	0.0	0.1	1.8	
							675	22.5	5.8	0.3		0.2	0.5	3.1	0.1	0.6	1.9	
							700	83.7	24.0	0.6		0.6	5.2	10.8	4.7	**9.9**	2.7	41.3
							725	89.8	25.8	0.7		0.7	5.4	11.4	5.4	**10.8**	3.0	41.8
							750	94.2	26.7	0.7		0.6	5.6	12.0	5.9	**11.5**	2.6	43.0
							775	97.0	27.9	0.7		0.6	5.5	12.4	6.2	**11.8**	3.2	42.2
							800	98.6	29.2	0.7		0.5	5.2	12.5	6.3	**11.5**	4.7	39.3
							825	99.6	28.1	0.9		0.6	4.6	12.9	6.2	**10.8**	3.8	38.6
							850	99.9	26.5	1.3		0.8	3.5	13.3	5.8	**9.4**	3.0	35.4
84	Unpublished	Li	Mo	Sm	CaO	0.24	500	0.3	2.1	0.0		0.1	0.0	0.0	0.0	0.0	1.9	
							525	-0.1	1.2	0.1		0.1	0.0	0.1	0.0	0.0	1.0	
							550	0.1	1.1	0.1		0.1	0.0	0.1	0.0	0.0	0.8	
							575	1.3	1.5	0.2		0.2	0.0	0.2	0.0	0.0	1.0	
							600	2.8	1.8	0.3		0.5	0.0	0.4	0.0	0.0	1.0	
							625	5.3	2.4	0.5		0.8	0.0	0.5	0.0	0.0	1.1	
							650	8.7	3.1	0.8		1.3	0.1	0.8	0.0	0.1	0.9	
							675	12.3	4.0	1.1		2.0	0.3	1.1	0.0	0.3	0.6	
							700	17.0	5.6	1.4		2.5	0.7	1.4	0.1	0.8	0.8	

							725	23.2	7.9	1.6		3.2	1.6	1.7	0.5	2.0	0.9	
							750	35.0	12.0	1.8		4.1	2.9	2.4	1.6	4.5	1.0	
							775	64.4	21.3	1.9		6.1	4.2	4.3	4.7	**8.9**	2.0	42.0
							800	95.7	28.9	2.3		8.6	4.4	6.8	6.8	**11.2**	2.3	38.8
							825	100	28.7	3.8		11.6	2.6	6.5	5.9	**8.5**	2.1	29.7
							850	100	29.2	6.6		14.5	1.2	5.8	5.8	**7.0**	1.8	24.0
85	Unpublished	Ti	Sm	W	BaO	0.13	500	-0.1	-2.2	0.0		0.1	0.0	0.1	0.0	0.0	-2.3	
							525	0.7	-1.3	0.0		0.1	0.0	0.1	0.0	0.0	-1.5	
							550	1.0	-1.2	0.1		0.1	0.0	0.2	0.0	0.0	-1.5	
							575	2.2	-0.7	0.1		0.1	0.0	0.3	0.0	0.0	-1.1	
							600	3.7	-0.4	0.1		0.1	0.0	0.6	0.0	0.0	-1.0	
							625	6.5	0.4	0.2		0.1	0.0	1.0	0.0	0.0	-0.8	
							650	11.4	1.4	0.3		0.1	0.0	1.8	0.0	0.0	-0.5	
							675	15.8	2.1	0.3		0.2	0.1	2.5	0.0	0.1	-0.6	
							700	22.1	3.5	0.3		0.2	0.3	3.4	0.0	0.4	-0.5	
							725	27.8	5.4	0.3		0.2	1.3	4.1	0.2	1.6	-0.4	
							750	27.5	6.8	0.3		0.2	2.6	3.7	0.7	3.3	-0.4	
							775	22.4	7.0	0.3		0.3	3.1	2.6	1.1	4.2	0.0	
							800	45.0	14.8	0.7		0.8	4.7	4.7	4.2	**8.9**	0.4	60.5
							825	83.6	25.2	1.2		1.4	5.1	9.3	8.6	**13.6**	0.9	54.0
							850	92.0	26.6	1.5		1.6	4.5	10.5	9.2	**13.7**	0.7	51.6
86	Unpublished	Li	K	Mo	CaO	0.14	500	-0.7	1.6	0.0		0.1	0.0	0.0	0.0	0.0	1.4	
							525	0.2	1.8	0.0		0.2	0.0	0.0	0.0	0.0	1.6	
							550	0.4	1.8	0.0		0.2	0.0	0.1	0.0	0.0	1.6	
							575	1.1	2.3	0.1		0.1	0.0	0.1	0.0	0.0	2.1	
							600	1.0	1.8	0.1		0.1	0.0	0.1	0.0	0.0	1.6	
							625	1.2	1.7	0.1		0.1	0.1	0.2	0.0	0.1	1.4	
							650	2.1	2.2	0.2		0.2	0.2	0.2	0.0	0.2	1.6	
							675	2.2	2.1	0.2		0.2	0.4	0.3	0.0	0.4	1.2	
							700	3.6	2.7	0.2		0.3	0.7	0.3	0.1	0.8	1.2	
							725	6.3	4.0	0.3		0.6	1.4	0.4	0.2	1.6	1.4	
							750	11.7	6.7	0.4		1.0	2.4	0.7	0.7	3.1	1.9	
							775	21.9	10.3	0.7		1.8	3.5	1.2	2.2	5.7	1.5	55.8
							800	47.9	19.1	1.3		3.7	4.2	2.7	5.9	**10.1**	2.6	52.7
							825	87.1	27.1	1.5		5.3	4.3	7.0	9.8	**14.2**	0.7	52.2
							850	99.8	29.7	1.2		5.1	3.6	9.3	8.1	**11.7**	3.6	39.4
87	Unpublished	K	Sm	Eu	La_2O_3	0.75	500	2.2	0.5	0.4		0.3	0.0	0.6	0.0	0.0	-0.4	

							525	7.1	1.8	0.9	0.9	0.0	1.3	0.0	0.0	-0.4	
							550	97.1	29.1	2.2	2.7	7.0	11.8	6.4	**13.4**	1.2	46.0
							575	98.1	29.2	2.4	2.8	7.0	12.1	6.5	**13.5**	0.9	46.0
							600	98.9	29.5	2.4	2.8	6.9	12.2	6.6	**13.5**	1.0	45.7
							625	99.4	29.7	2.5	2.8	6.8	12.4	6.8	**13.7**	0.9	46.0
							650	99.7	29.8	2.6	2.8	6.8	12.4	7.0	**13.8**	0.9	46.2
							675	99.8	30.0	2.6	2.7	6.7	12.5	7.2	**13.9**	0.8	46.5
							700	99.9	29.8	2.7	2.7	6.6	12.6	7.3	**14.0**	0.5	46.8
							725	100	29.9	2.7	2.8	6.5	12.6	7.4	**13.9**	0.7	46.4
							750	100	30.2	2.9	2.9	6.3	12.6	7.5	**13.8**	1.0	45.7
							775	100	29.9	3.0	3.0	6.0	12.6	7.7	**13.7**	0.6	45.9
							800	100	29.9	3.3	3.2	5.6	12.5	7.9	**13.5**	0.7	45.2
							825	100	29.9	3.7	3.5	4.9	12.4	8.1	**13.0**	0.9	43.6
							850	100	29.6	4.5	4.1	4.0	12.5	8.2	**12.2**	0.8	41.2
88	Unpublished	Na	Ba	Pb	BaO	0.26	500	1.1	-0.7	0.0	0.1	0.0	0.1	0.0	0.0	-0.9	
							525	2.7	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.6	
							550	3.7	0.9	0.0	0.1	0.0	0.3	0.0	0.0	0.6	
							575	4.9	1.0	0.1	0.1	0.0	0.5	0.0	0.0	0.4	
							600	7.6	1.1	0.1	0.1	0.0	1.0	0.0	0.0	0.0	
							625	10.4	1.9	0.1	0.1	0.0	1.4	0.0	0.0	0.4	
							650	14.6	2.6	0.1	0.1	0.1	2.0	0.0	0.1	0.5	
							675	19.7	3.4	0.1	0.0	0.1	2.9	0.0	0.1	0.4	
							700	26.5	4.9	0.1	0.1	0.4	3.9	0.1	0.5	0.4	
							725	29.5	5.6	0.1	0.1	0.9	4.4	0.2	1.1	0.1	
							750	50.2	11.6	0.1	0.1	3.1	7.1	1.2	4.3	0.1	
							775	45.9	13.6	0.2	0.3	4.2	5.7	2.3	**6.4**	1.2	47.2
							800	86.1	25.9	0.5	0.6	5.7	10.4	6.7	**12.4**	2.5	47.7
							825	97.1	27.8	0.6	0.5	5.3	12.1	7.7	**12.9**	2.3	46.6
							850	99.8	26.7	0.6	0.4	4.5	12.6	7.5	**12.0**	1.6	44.9
89	Unpublished	Na	K	Sm	La_2O_3	0.65	500	0.5	1.2	0.3	0.2	0.0	0.4	0.0	0.0	0.6	
							525	2.9	1.6	0.5	0.5	0.0	0.7	0.0	0.0	0.4	
							550	8.7	2.8	1.0	1.0	0.0	1.5	0.0	0.0	0.4	
							575	96.4	28.9	2.1	2.1	6.6	12.2	6.7	**13.3**	1.3	46.0
							600	97.6	29.0	2.4	2.4	6.6	12.4	6.6	**13.2**	0.9	45.5
							625	96.1	28.6	2.6	2.7	6.3	12.3	6.1	**12.4**	1.3	43.2
							650	97.9	28.2	2.7	2.7	6.4	12.6	6.5	**12.9**	0.0	45.6
							675	98.9	30.2	2.8	2.7	6.3	12.7	6.9	**13.2**	1.7	43.6

							700	99.4	29.6	2.8	2.6	6.2	12.7	7.2	**13.5**	0.8	45.4
							725	99.7	30.0	2.8	2.6	6.0	12.6	7.5	**13.6**	1.2	45.2
							750	100	30.1	3.0	2.6	5.8	12.8	7.9	**13.7**	0.9	45.6
							775	100	29.9	3.2	2.6	5.5	12.9	8.0	**13.5**	0.9	45.1
							800	100	29.7	3.5	2.8	5.0	12.9	8.1	**13.2**	0.9	44.2
							825	100	29.5	3.9	3.2	4.4	12.9	8.2	**12.7**	0.7	42.9
							850	100	29.0	4.6	4.0	3.6	12.9	7.9	**11.5**	0.6	39.8
90	Unpublished	K	Sm	Eu	CaO	0.27	500	-0.6	1.4	0.0	0.2	0.0	0.0	0.0	0.0	1.1	
							525	0.1	1.6	0.0	0.1	0.0	0.0	0.0	0.0	1.4	
							550	1.4	2.0	0.1	0.1	0.0	0.1	0.0	0.0	1.8	
							575	3.5	3.7	0.1	0.2	0.0	0.2	0.0	0.0	3.3	
							600	2.9	2.1	0.3	0.3	0.0	0.3	0.0	0.0	1.5	
							625	4.2	2.6	0.5	0.5	0.0	0.5	0.0	0.0	1.5	
							650	7.0	3.0	0.7	0.9	0.1	0.8	0.0	0.1	1.2	
							675	11.6	4.4	1.1	1.3	0.4	1.3	0.0	0.4	1.3	
							700	18.7	6.5	1.6	1.8	1.1	2.2	0.2	1.3	1.2	
							725	32.0	11.0	2.0	2.2	2.7	3.8	1.0	3.7	1.3	
							750	93.4	29.2	2.7	3.2	5.9	11.0	7.0	**12.9**	2.1	44.2
							775	99.4	30.5	2.8	3.5	6.0	11.8	7.6	**13.6**	1.6	44.7
							800	100	31.2	2.9	3.6	5.6	11.7	7.9	**13.5**	2.4	43.3
							825	100	30.7	3.3	3.6	5.0	11.9	8.1	**13.1**	2.0	42.7
							850	100	30.0	4.0	4.2	3.9	12.0	7.8	**11.7**	2.0	39.2
91	Unpublished	Mg	Ti	Sr	La_2O_3	0.83	500	86.8	23.7	3.2	3.7	5.0	11.3	4.5	**9.5**	-0.8	40.1
							525	89.1	24.6	3.2	3.6	5.2	11.7	4.7	**9.9**	-0.7	40.3
							550	90.5	24.3	3.5	3.7	5.2	12.1	4.6	**9.8**	-1.3	40.3
							575	91.6	24.6	3.8	3.8	5.3	12.4	4.4	**9.6**	-1.2	39.1
							600	92.3	21.0	4.3	4.0	5.7	13.4	4.6	**10.3**	-6.7	49.2
							625	93.3	25.4	4.0	3.7	5.5	12.8	4.7	**10.2**	-1.3	40.1
							650	95.6	27.3	3.5	3.2	5.7	12.6	5.8	**11.5**	-0.1	42.2
							675	97.3	27.9	3.3	2.9	6.0	12.9	6.7	**12.6**	-0.5	45.3
							700	98.4	28.3	3.1	2.6	6.0	13.0	7.2	**13.2**	-0.4	46.6
							725	99.1	29.5	2.9	2.4	5.9	13.0	7.6	**13.5**	0.6	45.8
							750	99.5	29.6	2.9	2.3	5.9	13.2	8.0	**13.9**	0.2	46.9
							775	99.8	29.1	2.9	2.3	5.8	13.4	8.3	**14.1**	-0.7	48.5
							800	99.8	29.6	3.1	2.4	5.4	13.1	8.4	**13.8**	0.3	46.5
							825	100	28.7	3.5	2.6	4.8	13.3	8.7	**13.6**	-0.8	47.3
							850	100	28.7	4.0	3.2	4.0	13.3	8.7	**12.7**	-0.5	44.4

92	Unpublished	Li	K	Sn	CaO	0.39	500	-1.7	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.7	
							525	-0.9	0.9	0.1	0.2	0.0	0.1	0.0	0.0	0.6	
							550	-0.4	0.7	0.2	0.2	0.0	0.2	0.0	0.0	0.3	
							575	1.2	1.1	0.3	0.4	0.0	0.3	0.0	0.0	0.4	
							600	4.0	1.9	0.5	0.7	0.0	0.6	0.0	0.0	0.6	
							625	7.5	2.9	0.9	1.1	0.0	1.1	0.0	0.0	0.6	
							650	14.6	4.3	1.6	1.9	0.2	2.1	0.0	0.2	0.2	
							675	26.1	7.0	2.4	2.5	0.6	3.7	0.1	0.7	0.1	
							700	43.2	11.4	2.9	3.1	1.7	6.1	0.5	2.2	0.0	
							725	95.9	27.1	1.0	1.9	5.5	12.1	6.5	**12.0**	1.0	44.4
							750	98.1	27.6	0.9	1.6	5.4	12.5	6.9	**12.2**	1.3	44.3
							775	99.5	28.0	0.8	1.3	5.2	12.9	7.1	**12.4**	1.4	44.2
							800	100	27.7	0.8	1.2	5.0	13.1	7.3	**12.3**	1.1	44.4
							825	100	27.4	1.1	1.3	4.6	13.3	7.3	**11.9**	1.0	43.5
							850	100	26.3	1.5	1.6	3.6	13.6	6.6	**10.3**	0.8	39.1
93	Unpublished	Na	Ba	Sm	BaO	0.29	500	3.5	1.0	0.0	0.1	0.0	0.1	0.0	0.0	0.8	
							525	3.9	1.1	0.1	0.1	0.0	0.2	0.0	0.0	0.7	
							550	4.2	1.2	0.1	0.1	0.0	0.3	0.0	0.0	0.8	
							575	5.1	1.7	0.2	0.1	0.0	0.5	0.0	0.0	1.2	
							600	8.4	0.9	0.3	0.1	0.0	0.8	0.0	0.0	0.0	
							625	10.1	3.4	0.5	0.3	0.0	1.3	0.0	0.0	1.8	
							650	16.7	4.6	0.8	0.4	0.0	2.4	0.0	0.0	1.7	
							675	16.5	4.5	0.5	0.3	0.1	2.3	0.0	0.1	1.7	
							700	31.2	7.0	0.7	0.4	0.4	4.7	0.0	0.4	1.5	
							725	54.8	12.8	0.9	0.6	1.9	8.1	0.5	2.3	1.8	
							750	97.8	26.8	1.0	0.9	5.6	12.9	4.9	**10.5**	2.5	39.1
							775	98.9	27.2	1.5	1.2	5.2	13.0	5.0	**10.3**	2.7	37.8
							800	97.1	25.5	2.2	1.7	4.2	13.1	4.7	**9.0**	1.8	35.1
							825	99.9	26.1	2.3	1.8	3.8	13.4	5.3	**9.1**	1.8	34.7
							850	100	24.6	2.6	2.3	3.0	13.2	5.6	**8.6**	0.4	35.0
94	Unpublished	K	Ba	Sm	CaO	0.30	500	-1.8	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.7	
							525	-0.7	1.5	0.1	0.1	0.0	0.1	0.0	0.0	1.3	
							550	-0.9	0.9	0.1	0.1	0.0	0.1	0.0	0.0	0.6	
							575	0.2	1.0	0.2	0.3	0.0	0.2	0.0	0.0	0.4	
							600	1.0	0.9	0.3	0.4	0.0	0.4	0.0	0.0	0.0	
							625	3.0	1.2	0.5	0.6	0.1	0.7	0.0	0.1	-0.2	
							650	6.9	2.5	0.9	0.8	0.3	1.3	0.0	0.3	0.1	

							675	12.7	4.3	1.3	1.0	1.0	2.1	0.1	1.2	-0.1	
							700	25.9	8.8	1.6	1.2	3.0	3.6	0.9	3.9	0.0	
							725	98.8	31.4	2.4	1.9	6.0	12.4	8.9	**14.9**	2.2	47.4
							750	99.4	31.5	2.6	2.2	5.8	12.4	9.0	**14.9**	2.0	47.3
							775	99.8	31.1	2.8	2.5	5.6	12.3	9.0	**14.6**	1.6	47.0
							800	99.9	30.3	3.3	3.1	5.0	12.4	8.6	**13.6**	1.1	45.0
							825	100	28.9	4.6	4.6	3.7	12.6	7.3	**11.0**	0.8	37.9
							850	100	28.4	7.4	7.4	1.8	12.5	6.3	**8.2**	0.3	28.8
95	Unpublished	Ca	Ti	Sr	La_2O_3	0.84	500	92.9	26.7	3.0	3.2	6.1	12.1	5.5	**11.6**	-0.2	43.4
							525	93.4	27.1	3.0	3.2	6.2	12.1	5.5	**11.7**	0.1	43.2
							550	94.3	26.9	3.0	3.1	6.5	12.3	5.8	**12.3**	-0.7	45.6
							575	94.4	27.4	3.2	3.0	6.6	12.4	5.9	**12.5**	-0.5	45.7
							600	95.7	28.6	3.0	2.9	6.8	12.4	6.4	**13.2**	0.2	46.1
							625	96.8	28.7	2.9	2.7	6.8	12.5	6.8	**13.6**	-0.1	47.6
							650	97.8	29.3	2.9	2.6	6.8	12.6	7.2	**14.0**	0.1	47.7
							675	98.5	29.4	2.9	2.4	6.8	12.8	7.5	**14.3**	-0.1	48.6
							700	99.0	30.2	2.8	2.6	6.7	12.9	7.8	**14.5**	0.1	48.2
							725	99.6	30.5	2.8	2.3	6.6	13.0	8.1	**14.7**	0.5	48.3
							750	99.8	30.6	2.8	2.1	6.5	13.0	8.3	**14.8**	0.8	48.2
							775	99.9	29.6	2.9	2.2	6.2	12.9	8.5	**14.7**	-0.2	49.6
							800	100	29.8	3.1	2.3	5.8	13.0	8.8	**14.6**	-0.2	49.1
							825	100	29.1	3.5	2.6	5.2	13.0	9.0	**14.2**	-0.6	48.6
							850	100	28.6	4.1	3.2	4.3	13.0	9.0	**13.2**	-0.8	46.3
96	Bayesian-1	Na	Ce	W	La_2O_3	0.62	500	-0.2	0.4	0.2	0.2	0.0	0.5	0.0	0.0	-0.2	
							525	2.1	0.6	0.4	0.4	0.0	0.8	0.0	0.0	-0.5	
							550	7.0	1.4	0.9	0.6	0.0	1.7	0.0	0.0	-0.9	
							575	98.8	24.5	2.4	2.4	4.5	13.9	3.2	**7.7**	0.5	31.4
							600	99.1	24.0	2.5	2.7	4.7	14.1	3.4	**8.1**	-0.8	33.5
							625	99.3	24.7	2.5	2.8	4.6	13.8	3.5	**8.1**	0.0	32.8
							650	99.5	23.7	2.5	2.8	4.7	14.0	3.7	**8.4**	-1.5	35.6
							675	99.7	23.6	2.3	2.9	4.7	13.8	3.8	**8.6**	-1.7	36.4
							700	99.7	24.8	2.4	2.9	4.7	13.6	4.0	**8.7**	-0.4	34.9
							725	99.8	24.7	2.4	2.9	4.7	13.8	4.2	**8.9**	-0.9	36.1
							750	99.9	25.0	2.4	3.0	4.5	13.6	4.4	**8.9**	-0.5	35.6
							775	99.9	23.9	2.5	3.1	4.4	13.8	4.8	**9.2**	-2.2	38.3
							800	100	24.2	2.7	3.4	4.1	13.7	5.1	**9.2**	-2.1	38.1
							825	100	24.4	3.0	3.8	3.7	13.5	5.4	**9.1**	-1.9	37.2

							850	100	24.7	4.1	4.9	2.7	12.9	5.6	**8.4**	-1.5	33.8
97	Bayesian-1	Na	Sr	None	La_2O_3	0.77	500	2.9	0.4	0.5	0.4	0.0	0.9	0.0	0.0	-0.8	
							525	8.4	1.7	1.1	0.8	0.0	1.9	0.0	0.0	-1.0	
							550	93.8	28.5	1.8	2.1	7.1	11.6	7.0	**14.1**	0.7	49.4
							575	95.9	29.4	1.9	2.2	7.3	11.9	7.3	**14.6**	0.7	49.7
							600	97.2	29.3	2.0	2.3	7.3	12.1	7.6	**14.9**	0.0	50.9
							625	98.1	29.9	2.1	2.3	7.4	12.3	7.9	**15.2**	0.0	51.0
							650	98.6	30.3	2.3	2.4	7.3	12.3	8.1	**15.4**	0.2	50.8
							675	99.2	30.0	2.4	2.4	7.2	12.4	8.4	**15.6**	-0.4	52.1
							700	99.6	30.7	2.5	2.3	7.1	12.6	8.7	**15.8**	0.1	51.4
							725	99.9	30.8	2.7	2.2	7.0	12.8	8.9	**15.9**	-0.1	51.7
							750	100	30.7	2.8	2.2	6.7	13.0	9.2	**15.9**	-0.3	51.7
							775	100	30.8	3.0	2.2	6.3	12.9	9.4	**15.7**	0.0	50.9
							800	100	30.0	3.2	2.4	5.7	12.9	9.7	**15.4**	-0.7	51.4
							825	100	30.6	3.6	2.7	5.0	12.9	9.9	**14.9**	0.1	48.8
							850	100	30.2	4.2	3.1	4.0	12.9	10.0	**14.0**	0.2	46.4
98	Bayesian-1	Na	Ce	W	BaO	0.29	500	0.2	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.2	
							525	0.7	0.6	0.0	0.0	0.0	0.1	0.0	0.0	0.4	
							550	1.5	1.0	0.1	0.0	0.0	0.2	0.0	0.0	0.8	
							575	2.1	1.2	0.1	0.0	0.0	0.3	0.0	0.0	0.8	
							600	3.6	1.9	0.2	0.1	0.0	0.5	0.0	0.0	1.3	
							625	5.8	2.3	0.3	0.1	0.0	0.9	0.0	0.0	1.3	
							650	9.1	2.5	0.6	0.1	0.0	1.6	0.0	0.0	0.7	
							675	18.1	5.3	0.9	0.3	0.1	2.9	0.0	0.1	2.0	
							700	28.0	6.8	1.4	0.4	0.4	4.8	0.1	0.5	1.1	
							725	79.2	21.3	1.9	0.9	4.6	11.5	3.1	**7.7**	1.2	36.1
							750	90.7	24.9	1.8	0.9	5.4	12.8	4.7	**10.1**	1.0	40.7
							775	94.5	26.2	1.9	1.0	5.2	13.3	5.3	**10.5**	1.4	40.0
							800	98.2	26.2	1.9	1.0	4.8	13.9	6.0	**10.8**	0.6	41.1
							825	99.8	26.2	2.1	1.2	4.2	13.8	6.2	**10.4**	0.7	39.9
							850	100	26.1	2.8	2.4	3.1	13.6	6.2	**9.3**	0.9	35.6
99	Bayesian-1	K	Sm	None	La_2O_3	0.74	500	3.8	2.0	0.5	0.5	0.0	0.7	0.0	0.0	0.8	
							525	10.5	3.7	0.9	0.9	0.0	1.7	0.0	0.0	1.1	
							550	91.8	27.0	2.8	3.1	5.9	11.6	5.2	**11.1**	1.2	41.2
							575	93.7	28.0	2.9	3.1	6.1	12.1	5.4	**11.5**	1.3	41.0
							600	95.4	28.7	2.9	3.1	6.2	12.3	5.7	**11.9**	1.5	41.3
							625	96.9	29.1	2.9	3.0	6.2	12.4	6.1	**12.2**	1.4	42.1

							650	98.0	29.6	2.9	2.9	6.1	12.5	6.4	**12.5**	1.7	42.3
							675	98.8	29.9	2.9	2.8	6.1	12.6	6.7	**12.8**	1.6	42.8
							700	99.4	30.0	2.9	2.8	6.0	12.8	7.1	**13.1**	1.4	43.6
							725	99.7	30.2	3.0	2.8	5.9	12.8	7.3	**13.3**	1.4	43.9
							750	99.9	29.9	3.2	2.8	5.7	13.0	7.6	**13.3**	0.8	44.5
							775	100	30.0	3.4	2.9	5.5	13.1	8.0	**13.5**	0.6	44.8
							800	100	30.6	3.6	3.1	5.0	13.0	8.2	**13.3**	1.2	43.4
							825	100	30.5	4.0	3.4	4.4	12.8	8.4	**12.8**	1.5	42.1
							850	100	30.2	4.6	3.9	3.6	12.7	8.4	**12.0**	1.6	39.9
100	Bayesian-1	Ba	La	None	La_2O_3	0.67	500	2.1	0.6	0.4	0.3	0.0	0.8	0.0	0.0	-0.5	
							525	7.8	1.8	0.7	0.7	0.0	1.5	0.0	0.0	-0.3	
							550	25.3	4.9	1.6	1.9	0.2	3.9	0.0	0.2	-1.0	
							575	92.9	28.8	2.5	2.6	7.4	11.9	6.0	**13.4**	0.8	46.7
							600	96.1	31.6	2.2	2.3	7.6	12.0	6.6	**14.2**	3.1	45.1
							625	97.9	31.0	2.1	2.1	7.9	12.4	7.3	**15.2**	1.3	49.0
							650	99.0	31.1	2.0	1.9	8.0	12.7	7.8	**15.8**	0.7	50.8
							675	99.6	31.7	2.0	1.7	8.0	12.7	8.0	**15.9**	1.4	50.3
							700	99.8	31.3	1.9	1.6	8.0	12.9	8.2	**16.2**	0.6	51.8
							725	99.9	31.8	1.9	1.6	7.8	12.8	8.3	**16.1**	1.3	50.6
							750	100	31.1	2.0	1.6	7.6	13.0	8.5	**16.1**	0.5	51.8
							775	100	31.0	2.1	1.6	7.2	13.0	8.7	**15.9**	0.5	51.2
							800	100	31.3	2.3	1.8	6.5	12.7	8.7	**15.2**	1.6	48.6
							825	100	30.3	2.7	2.1	5.7	13.0	9.1	**14.8**	0.4	49.0
							850	100	29.6	3.5	2.8	4.5	13.0	8.8	**13.3**	0.5	44.9
101	Bayesian-1	Na	Ce	W	ZnO	0.00	500	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
							525	2.2	1.6	0.0	0.1	0.0	0.0	0.0	0.0	1.5	
							550	0.4	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.8	
							575	1.1	1.7	0.0	0.1	0.0	0.0	0.0	0.0	1.6	
							600	1.8	1.8	0.0	0.1	0.0	0.0	0.0	0.0	1.7	
							625	1.2	1.6	0.0	0.1	0.0	0.0	0.0	0.0	1.4	
							650	0.4	1.3	0.0	0.1	0.0	0.1	0.0	0.0	1.1	
							675	1.8	1.6	0.0	0.1	0.1	0.1	0.0	0.1	1.3	
							700	2.3	2.0	0.0	0.2	0.2	0.1	0.0	0.2	1.5	
							725	3.5	2.2	0.0	0.3	0.3	0.2	0.0	0.4	1.4	
							750	5.8	2.9	0.0	0.5	0.7	0.4	0.1	0.7	1.3	
							775	10.8	4.7	0.1	0.9	1.2	0.6	0.3	1.5	1.7	
							800	18.8	6.3	0.2	1.7	2.1	1.1	1.1	3.1	0.4	

							825	37.3	12.8	0.3	3.4	2.7	1.9	2.6	**5.4**	2.2	41.9
							850	61.8	18.8	0.5	6.2	2.8	3.0	4.6	**7.3**	2.3	38.9
102	Bayesian-1	Na	K	None	La_2O_3	0.49	500	0.7	1.4	0.0	0.1	0.0	0.2	0.0	0.0	1.2	
							525	0.9	1.4	0.0	0.0	0.0	0.3	0.0	0.0	1.1	
							550	1.6	1.4	0.1	0.1	0.0	0.4	0.0	0.0	0.9	
							575	3.1	1.7	0.2	0.2	0.0	0.7	0.0	0.0	0.8	
							600	7.9	2.5	0.5	0.4	0.1	1.3	0.0	0.1	0.8	
							625	19.5	5.3	1.1	0.9	0.4	3.2	0.0	0.4	0.9	
							650	96.1	30.2	1.7	2.0	6.3	12.0	6.7	**13.1**	3.1	43.4
							675	97.9	30.1	2.0	2.5	6.2	12.3	7.1	**13.4**	2.0	44.4
							700	98.6	30.1	2.2	2.6	6.1	12.3	7.3	**13.4**	1.8	44.6
							725	99.1	30.6	2.2	2.7	6.0	12.3	7.5	**13.5**	2.2	44.1
							750	99.5	30.8	2.3	2.7	5.8	12.3	7.7	**13.5**	2.3	43.8
							775	99.8	30.3	2.5	2.8	5.6	12.5	8.0	**13.6**	1.3	45.1
							800	99.9	30.5	2.7	2.9	5.3	12.4	8.2	**13.4**	1.7	44.1
							825	100	30.5	3.0	3.1	4.7	12.4	8.5	**13.3**	1.6	43.6
							850	100	29.8	3.9	3.9	3.8	12.4	8.2	**12.0**	1.5	40.2
103	Bayesian-1	K	Sr	None	La_2O_3	0.71	500	3.1	2.0	0.4	0.3	0.0	0.8	0.0	0.0	0.9	
							525	10.1	2.9	1.0	0.7	0.0	2.0	0.0	0.0	0.2	
							550	97.7	30.4	2.2	2.1	7.3	12.5	6.7	**14.0**	1.9	45.9
							575	98.5	30.2	2.4	2.2	7.2	12.9	6.8	**14.0**	1.1	46.4
							600	99.0	30.3	2.5	2.3	7.2	13.0	6.9	**14.1**	0.9	46.5
							625	99.3	30.3	2.6	2.3	7.1	13.0	7.1	**14.2**	0.8	46.8
							650	99.6	30.3	2.6	2.3	7.0	13.1	7.4	**14.4**	0.5	47.7
							675	99.7	32.0	2.6	2.2	6.8	12.8	7.5	**14.2**	2.8	44.5
							700	99.8	31.0	2.6	2.1	6.7	13.0	7.9	**14.6**	1.3	47.2
							725	99.9	30.9	2.6	2.0	6.6	13.1	8.2	**14.8**	1.0	47.8
							750	100	30.8	2.6	2.0	6.4	13.1	8.4	**14.7**	0.9	48.0
							775	100	30.5	2.7	2.0	6.0	13.1	8.5	**14.5**	1.0	47.5
							800	100	30.3	2.8	2.1	5.5	13.0	8.6	**14.1**	1.0	46.7
							825	100	30.1	3.1	2.4	4.8	13.0	8.7	**13.5**	1.2	44.9
							850	100	29.4	4.0	3.1	3.9	13.3	8.6	**12.5**	0.6	42.4
104	Bayesian-1	Na	W	None	La_2O_3	0.69	500	-0.9	-0.5	0.3	0.2	0.0	0.6	0.0	0.0	-1.2	
							525	2.9	0.6	0.6	0.3	0.0	1.1	0.0	0.0	-0.7	
							550	11.2	2.3	1.3	0.8	0.0	2.4	0.0	0.0	-1.0	
							575	95.1	27.9	2.7	3.1	6.5	12.3	6.1	**12.6**	-0.1	45.2
							600	96.6	27.8	2.9	3.3	6.4	12.6	6.2	**12.6**	-0.6	45.2

							625	97.7	28.3	2.9	3.3	6.3	12.7	6.4	**12.7**	-0.4	44.8
							650	98.6	28.7	2.9	3.3	6.2	12.6	6.7	**12.9**	-0.1	44.9
							675	99.2	28.1	2.9	3.3	6.1	12.9	7.1	**13.3**	-1.3	47.2
							700	99.6	28.2	2.8	3.2	5.9	12.8	7.3	**13.2**	-1.0	46.8
							725	99.8	29.2	2.8	3.2	5.6	12.7	7.4	**13.0**	0.2	44.6
							750	100	28.6	2.8	3.2	5.4	12.9	7.6	**13.0**	-0.5	45.4
							775	100	29.4	2.9	3.2	5.0	12.8	7.5	**12.5**	0.9	42.7
							800	100	28.4	3.2	3.3	4.6	13.0	7.7	**12.3**	-0.2	43.3
							825	100	26.9	3.7	3.8	4.1	13.1	7.8	**11.8**	-1.9	44.0
							850	100	27.5	4.8	4.9	3.0	12.9	7.1	**10.2**	-0.5	37.0
105	Bayesian-1	Na	Ce	None	La_2O_3	0.76	500	6.3	1.5	0.7	0.5	0.0	1.3	0.0	0.0	-0.4	
							525	92.0	25.7	2.1	2.1	6.2	12.2	5.7	**11.8**	-0.4	45.9
							550	94.5	26.3	2.3	2.1	6.2	12.8	5.9	**12.2**	-0.7	46.2
							575	96.4	27.3	2.3	2.0	6.3	13.1	6.1	**12.4**	-0.1	45.4
							600	97.8	26.9	2.3	1.9	6.3	13.3	6.3	**12.6**	-0.9	46.8
							625	98.8	27.1	2.3	1.9	6.4	13.6	6.5	**12.9**	-1.3	47.7
							650	99.4	27.5	2.3	1.8	6.4	13.7	6.6	**13.0**	-1.0	47.2
							675	99.7	27.8	2.4	1.8	6.3	13.8	6.7	**13.1**	-0.8	47.0
							700	99.9	28.0	2.4	1.8	6.3	13.6	6.8	**13.1**	-0.6	46.7
							725	99.9	27.4	2.5	1.9	6.3	13.9	7.0	**13.3**	-1.8	48.6
							750	100	28.1	2.6	2.1	6.1	13.8	7.1	**13.2**	-1.0	47.0
							775	100	26.8	2.9	2.4	5.8	13.8	7.3	**13.1**	-2.6	49.0
							800	100	27.2	3.3	2.8	5.2	13.6	7.3	**12.5**	-1.6	45.7
							825	100	27.4	4.1	3.7	4.2	13.6	7.0	**11.2**	-1.1	40.9
							850	100	31.1	5.5	5.1	2.5	12.0	5.9	**8.4**	5.6	27.1
106	Bayesian-1	K	Ti	Ba	CaO	0.34	500	-2.2	0.3	0.0	0.4	0.0	0.0	0.0	0.0	-0.1	
							525	-2.2	-0.6	0.1	0.1	0.0	0.1	0.0	0.0	-0.8	
							550	-0.9	-0.1	0.1	0.1	0.0	0.1	0.0	0.0	-0.4	
							575	0.1	0.4	0.2	0.2	0.0	0.2	0.0	0.0	-0.1	
							600	1.6	1.4	0.3	0.4	0.0	0.4	0.0	0.0	0.6	
							625	3.3	1.5	0.6	0.6	0.0	0.6	0.0	0.0	0.2	
							650	6.4	2.0	0.9	0.9	0.2	1.1	0.0	0.2	-0.2	
							675	12.2	4.2	1.3	1.3	0.6	1.8	0.1	0.6	0.5	
							700	21.2	7.1	1.8	1.7	1.8	3.0	0.4	2.2	0.2	
							725	98.8	31.0	2.2	3.0	5.9	11.6	8.7	**14.5**	1.8	47.0
							750	99.0	30.5	2.3	3.0	5.7	11.8	8.9	**14.6**	1.2	47.8
							775	99.6	29.7	2.5	3.0	5.5	12.1	9.1	**14.6**	0.0	49.2

							800	99.9	30.6	2.6	2.9	5.0	12.1	9.1	**14.2**	1.4	46.3
							825	100	29.5	3.0	3.0	4.6	12.5	9.4	**14.0**	0.0	47.3
							850	100	29.0	3.6	3.4	3.7	12.6	9.1	**12.8**	0.2	44.2
107	Bayesian-1	Na	Mn	W	TiO_2	0.15	500	0.4	1.1	0.0	0.1	0.0	0.0	0.0	0.0	1.0	
							525	0.7	1.6	0.0	0.1	0.0	0.0	0.0	0.0	1.6	
							550	1.0	2.1	0.0	0.1	0.0	0.0	0.0	0.0	2.0	
							575	1.3	2.2	0.0	0.1	0.0	0.0	0.0	0.0	2.2	
							600	1.7	2.6	0.0	0.1	0.0	0.0	0.0	0.0	2.5	
							625	1.8	2.6	0.0	0.1	0.0	0.0	0.0	0.0	2.4	
							650	2.4	2.7	0.0	0.1	0.1	0.1	0.0	0.1	2.4	
							675	3.4	3.0	0.0	0.2	0.3	0.1	0.0	0.3	2.4	
							700	5.7	3.8	0.1	0.4	0.7	0.2	0.1	0.7	2.4	
							725	10.7	6.0	0.1	1.0	1.5	0.4	0.4	1.8	2.8	
							750	20.1	9.3	0.3	2.0	2.5	0.7	1.3	3.8	2.8	
							775	38.8	15.4	0.6	4.1	3.3	1.3	3.2	**6.5**	3.5	42.2
							800	71.4	24.6	1.0	7.5	3.6	2.9	6.2	**9.9**	4.3	40.2
							825	95.0	29.8	0.8	9.7	3.6	4.5	7.2	**10.8**	4.8	36.3
							850	99.7	29.4	1.1	12.4	2.1	3.7	6.1	**8.2**	5.1	28.0
108	Bayesian-1	Na	Ba	Ce	TiO_2	0.26	500	-0.1	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.8	
							525	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	
							550	0.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8	
							575	1.5	2.3	0.0	0.1	0.0	0.0	0.0	0.0	2.2	
							600	1.9	2.5	0.1	0.2	0.0	0.1	0.0	0.0	2.2	
							625	2.6	2.8	0.2	0.3	0.0	0.1	0.0	0.0	2.4	
							650	3.8	3.0	0.3	0.4	0.0	0.2	0.0	0.0	2.3	
							675	6.0	3.7	0.5	0.6	0.1	0.4	0.0	0.1	2.6	
							700	9.3	4.7	0.8	1.0	0.3	0.8	0.0	0.3	2.6	
							725	14.6	6.0	1.2	1.4	0.7	1.4	0.2	0.9	2.3	
							750	26.0	9.5	1.8	2.1	1.7	2.7	0.7	2.4	2.3	
							775	91.6	26.6	2.7	3.5	4.2	10.9	5.9	**10.1**	2.1	37.8
							800	97.6	28.3	2.6	3.7	4.3	11.4	6.5	**10.8**	2.4	38.2
							825	99.6	28.7	2.7	4.3	4.1	11.4	6.8	**10.9**	2.1	38.0
							850	100	28.4	3.3	5.5	3.3	10.9	6.7	**10.0**	2.0	35.1
109	Bayesian-1	K	Eu	None	La_2O_3	0.80	500	4.2	2.0	0.6	0.5	0.0	0.9	0.0	0.0	0.6	
							525	96.3	28.5	2.6	3.0	6.6	11.7	5.9	**12.4**	1.3	43.7
							550	97.5	30.9	2.6	2.9	6.6	12.2	6.0	**12.6**	3.2	40.7
							575	98.4	29.6	2.7	2.9	6.6	12.5	6.2	**12.9**	1.3	43.6

							600	99.1	30.4	2.7	2.8	6.6	12.7	6.4	**13.1**	1.8	43.1
							625	99.5	30.1	2.7	2.8	6.6	12.8	6.7	**13.3**	1.3	44.1
							650	99.8	29.9	2.7	2.7	6.6	12.9	6.9	**13.5**	0.9	45.1
							675	99.9	29.9	2.7	2.7	6.6	13.0	7.1	**13.7**	0.5	45.8
							700	100	30.0	2.8	2.6	6.5	13.2	7.3	**13.8**	0.4	46.2
							725	100	30.1	2.8	2.6	6.4	13.2	7.4	**13.8**	0.6	45.9
							750	100	30.5	2.9	2.6	6.2	13.1	7.6	**13.7**	1.0	45.0
							775	99.9	29.9	2.9	2.8	6.0	13.2	7.8	**13.8**	0.1	46.1
							800	100	30.2	3.1	2.9	5.6	13.2	7.9	**13.5**	0.7	44.6
							825	100	29.8	3.5	3.1	5.0	13.1	8.1	**13.1**	0.6	43.9
							850	100	29.9	4.1	3.6	4.1	13.0	8.1	**12.2**	1.1	40.8
110	Bayesian-1	Ca	La	None	La_2O_3	0.89	500	94.2	27.3	3.4	3.9	5.8	11.9	4.4	**10.2**	1.3	37.4
							525	95.7	27.8	3.3	3.7	6.3	12.4	4.9	**11.3**	0.4	40.5
							550	96.9	29.6	3.2	3.5	6.6	12.5	5.4	**12.0**	1.7	40.5
							575	97.6	29.3	3.0	3.2	6.7	12.5	5.9	**12.7**	0.9	43.3
							600	98.2	29.8	2.9	3.1	6.8	12.5	6.4	**13.2**	1.0	44.3
							625	98.6	29.6	2.8	2.9	7.0	12.7	6.8	**13.8**	0.2	46.7
							650	99.1	30.2	2.7	2.9	6.9	12.7	7.2	**14.1**	0.5	46.6
							675	99.5	30.4	2.6	2.7	6.8	12.9	7.4	**14.2**	0.7	46.7
							700	99.8	29.9	2.6	2.5	6.7	13.0	7.6	**14.3**	0.0	47.9
							725	100	30.3	2.7	2.4	6.5	13.1	7.7	**14.2**	0.5	47.0
							750	100	29.8	2.8	2.4	6.4	13.3	7.9	**14.3**	-0.2	47.9
							775	100	29.3	2.9	2.5	6.2	13.4	8.0	**14.1**	-0.8	48.3
							800	100	29.5	3.2	2.8	5.7	13.3	8.1	**13.8**	-0.3	46.6
							825	100	29.3	3.7	3.1	5.0	13.3	8.2	**13.2**	-0.2	44.9
							850	100	28.9	4.7	4.0	4.0	13.3	8.0	**12.0**	-0.4	41.4
111	Bayesian-1	Na	Mn	W	Y_2O_3	0.27	500	-1.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-0.2	
							525	0.8	1.4	0.0	0.2	0.0	0.0	0.0	0.0	1.2	
							550	-0.1	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.5	
							575	0.6	1.1	0.0	0.1	0.0	0.1	0.0	0.0	0.9	
							600	1.3	1.7	0.1	0.1	0.0	0.2	0.0	0.0	1.4	
							625	1.7	1.4	0.1	0.1	0.0	0.3	0.0	0.0	0.9	
							650	3.7	2.3	0.2	0.1	0.1	0.5	0.0	0.1	1.6	
							675	5.2	2.5	0.2	0.1	0.4	0.8	0.0	0.4	1.2	
							700	9.0	4.0	0.3	0.2	1.0	1.2	0.1	1.1	1.5	
							725	18.9	8.7	0.4	0.4	2.8	2.2	0.8	3.5	2.6	
							750	99.9	28.0	0.5	1.0	5.6	13.0	5.8	**11.4**	2.7	40.5

							775	100	26.9	0.9	1.3	4.7	13.4	4.7	**9.4**	2.8	34.8
							800	100	26.1	1.2	1.7	4.3	13.5	4.5	**8.8**	2.1	33.6
							825	100	26.0	1.7	2.3	3.6	13.2	4.6	**8.1**	2.4	31.3
							850	100	26.7	2.5	3.3	2.6	12.8	5.0	**7.6**	2.9	28.6
112	Bayesian-1	Na	Ce	W	Y_2O_3	0.18	500	-0.9	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	
							525	-1.0	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	-0.3	
							550	0.0	0.6	0.0	0.1	0.0	0.1	0.0	0.0	0.4	
							575	1.1	1.2	0.1	0.0	0.0	0.1	0.0	0.0	1.0	
							600	1.7	1.5	0.1	0.0	0.0	0.2	0.0	0.0	1.2	
							625	2.6	2.3	0.2	0.0	0.1	0.3	0.0	0.1	1.9	
							650	3.8	2.5	0.3	0.1	0.2	0.5	0.0	0.2	1.7	
							675	5.3	3.4	0.4	0.2	0.4	0.7	0.0	0.5	2.1	
							700	7.4	4.3	0.6	0.3	1.0	1.0	0.1	1.1	2.0	
							725	12.3	6.3	0.7	0.4	2.1	1.4	0.4	2.5	2.0	
							750	92.0	29.8	1.0	1.6	5.8	10.4	8.2	**14.0**	3.8	46.8
							775	96.2	29.8	1.4	2.3	5.3	11.1	7.5	**12.9**	3.4	43.2
							800	98.2	29.1	1.6	3.3	5.1	11.2	7.6	**12.7**	1.8	43.8
							825	99.4	29.8	2.1	3.8	4.6	11.0	7.7	**12.3**	2.5	41.5
							850	99.9	29.3	3.2	5.8	3.3	10.5	7.1	**10.4**	2.6	35.3
113	Bayesian-1	Ti	Mn	W	SiO_2	0.19	500	-1.9	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	-0.4	
							525	-1.4	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.3	
							550	-0.6	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.2	
							575	0.0	0.4	0.0	0.1	0.0	0.1	0.0	0.0	0.2	
							600	0.8	0.7	0.0	0.2	0.0	0.1	0.0	0.0	0.4	
							625	1.9	0.9	0.0	0.3	0.0	0.1	0.0	0.0	0.5	
							650	3.3	1.3	0.0	0.5	0.0	0.2	0.0	0.0	0.6	
							675	5.0	1.5	0.1	0.7	0.1	0.2	0.0	0.1	0.5	
							700	8.2	2.3	0.1	1.2	0.2	0.3	0.0	0.2	0.6	
							725	12.7	3.3	0.2	1.9	0.4	0.5	0.1	0.5	0.4	
							750	20.3	5.3	0.4	3.1	0.8	0.7	0.3	1.1	0.3	
							775	32.6	9.2	0.6	5.0	1.4	0.9	0.9	2.3	1.0	
							800	48.5	13.6	1.0	7.5	1.9	1.4	2.0	3.9	0.9	
							825	73.5	20.1	1.5	11.2	2.1	2.2	3.8	**5.9**	0.8	29.1
							850	92.7	25.8	2.2	14.1	1.9	2.7	5.0	**6.9**	2.0	26.8
114	Bayesian-1	Na	Eu	None	La_2O_3	0.70	500	3.0	0.1	0.6	0.5	0.0	0.9	0.0	0.0	-1.3	
							525	9.8	1.7	1.4	1.1	0.0	1.9	0.0	0.0	-1.4	
							550	97.5	28.6	2.5	3.4	6.6	11.6	6.6	**13.3**	0.4	46.3

							575	98.5	28.4	2.5	3.4	6.7	11.9	6.8	**13.5**	-0.3	47.4
							600	99.3	29.1	2.6	3.5	6.8	12.3	7.1	**13.8**	-0.5	47.5
							625	99.8	28.5	2.7	3.3	6.8	12.6	7.3	**14.1**	-1.4	49.3
							650	100	29.6	2.8	3.1	6.8	12.5	7.4	**14.2**	-0.2	48.0
							675	100	28.8	2.9	3.2	6.6	12.9	7.4	**14.0**	-1.3	48.5
							700	100	29.0	3.0	3.0	6.5	12.8	7.7	**14.1**	-0.9	48.7
							725	100	29.3	3.1	2.9	6.3	12.8	7.9	**14.3**	-0.7	48.7
							750	100	28.7	3.3	2.9	6.2	13.1	8.3	**14.5**	-1.8	50.5
							775	100	28.8	3.4	2.9	5.8	13.2	8.5	**14.4**	-1.6	49.8
							800	100	29.0	3.7	3.0	5.3	13.2	8.7	**13.9**	-1.2	48.2
							825	100	28.9	4.1	3.3	4.6	13.1	8.9	**13.5**	-1.0	46.8
							850	100	28.1	4.8	3.9	3.8	13.2	9.0	**12.8**	-1.7	45.4
115	Bayesian-1	Li	Na	None	La_2O_3	0.70	500	-0.4	0.1	0.2	0.2	0.0	0.4	0.0	0.0	-0.5	
							525	2.7	1.1	0.5	0.4	0.0	0.7	0.0	0.0	0.1	
							550	7.2	2.3	1.0	0.7	0.0	1.3	0.0	0.0	0.2	
							575	17.3	4.6	2.0	1.6	0.2	2.8	0.0	0.2	-0.1	
							600	96.2	30.1	2.2	4.0	6.9	10.6	7.9	**14.8**	0.7	49.2
							625	97.9	30.7	2.3	4.1	6.9	10.8	8.1	**15.0**	0.8	48.8
							650	98.9	30.9	2.4	4.6	6.8	10.9	8.2	**15.0**	0.4	48.5
							675	99.5	30.7	2.4	4.0	6.7	11.2	8.5	**15.2**	0.3	49.6
							700	99.8	30.9	2.5	4.0	6.6	11.3	8.6	**15.2**	0.4	49.1
							725	100	30.5	2.7	3.9	6.5	11.5	8.7	**15.2**	-0.1	49.8
							750	100	31.0	2.8	3.9	6.3	11.5	8.7	**15.0**	0.4	48.6
							775	100	30.4	3.0	4.0	6.0	11.6	8.9	**14.9**	-0.2	49.2
							800	100	30.8	3.3	4.6	5.5	11.6	9.0	**14.5**	0.2	47.1
							825	100	30.9	3.7	4.3	4.9	11.7	9.3	**14.2**	0.7	45.8
							850	100	30.8	4.2	4.8	4.0	11.8	9.4	**13.4**	0.8	43.6
116	reference	None	None	None	Y_2O_3	0.40	500	1.5	0.7	0.1	0.3	0.0	0.0	0.0	0.0	0.3	
							525	2.8	1.9	0.3	0.6	0.0	0.1	0.0	0.0	1.2	
							550	5.9	2.9	0.6	1.1	0.0	0.2	0.0	0.0	1.5	
							575	12.6	4.7	1.3	2.3	0.0	0.7	0.0	0.0	1.7	
							600	29.7	9.8	2.7	4.4	0.7	2.4	0.2	0.8	2.2	
							625	40.7	12.7	3.3	5.2	1.7	3.5	0.6	2.3	1.6	
							650	47.7	14.8	3.4	5.5	2.5	4.2	1.2	3.7	1.4	
							675	55.6	18.0	3.4	5.5	3.3	5.0	2.1	**5.5***	2.0	30.4
							700	67.2	21.9	3.1	5.2	4.1	6.3	3.9	**8.0***	2.3	36.7
							725	77.0	24.6	3.0	5.1	4.4	7.5	5.2	**9.6***	2.4	39.2

							750	83.7	26.2	3.1	5.2	4.4	8.3	6.0	**10.4***	2.3	39.8
							775	88.2	27.6	3.3	5.3	4.3	8.9	6.6	**10.9***	2.5	39.5
							800	91.3	28.7	3.5	5.7	4.0	9.1	7.0	**10.9***	3.0	38.1
							825	93.6	28.8	4.0	6.3	3.5	9.1	7.2	**10.7***	2.7	37.0
							850	95.5	29.1	4.7	7.6	2.8	9.0	7.0	**9.8***	2.7	33.7
117	Bayesian-2	Ca	Sr	None	La_2O_3	0.93	500	93.6	27.1	2.5	3.2	6.3	11.9	5.7	**12.0**	0.0	44.3
							525	94.6	27.6	2.4	3.0	6.6	12.1	6.2	**12.8**	-0.3	46.5
							550	95.6	27.9	2.4	2.8	6.8	12.2	6.6	**13.4**	-0.5	48.1
							575	96.3	28.6	2.3	2.6	7.0	12.4	7.0	**14.0**	-0.4	48.9
							600	96.9	29.0	2.3	2.5	7.1	12.5	7.3	**14.4**	-0.4	49.5
							625	97.5	31.2	2.2	2.3	6.9	12.3	7.3	**14.2**	2.5	45.5
							650	98.0	28.8	2.3	2.3	7.2	12.8	7.7	**15.0**	-1.2	51.9
							675	98.5	28.9	2.3	2.2	7.2	12.9	7.9	**15.1**	-1.2	52.3
							700	99.1	29.7	2.4	2.3	7.2	13.0	8.2	**15.4**	-1.0	51.9
							725	99.6	30.1	2.6	2.1	7.1	13.2	8.6	**15.8**	-0.9	52.3
							750	99.9	29.9	2.8	2.1	7.0	13.3	8.9	**15.9**	-1.4	53.1
							775	100	30.3	3.1	2.2	6.6	13.3	9.4	**16.0**	-1.2	52.7
							800	100	30.1	3.6	2.5	5.8	13.3	9.8	**15.6**	-1.3	51.8
							825	100	29.9	4.1	2.9	5.1	13.3	10.0	**15.0**	-1.3	50.3
							850	100	29.4	4.8	3.5	4.1	13.3	9.9	**14.0**	-1.4	47.5
118	Bayesian-2	Ti	La	None	La_2O_3	0.82	500	97.4	26.0	4.8	4.4	5.2	14.1	2.8	**8.0**	-0.5	30.9
							525	97.7	26.0	4.7	4.2	5.3	14.0	3.0	**8.4**	-0.7	32.2
							550	98.0	26.0	4.6	4.3	5.4	14.0	3.3	**8.7**	-1.0	33.6
							575	98.4	26.4	4.4	3.9	5.5	14.0	3.8	**9.4**	-1.0	35.5
							600	98.7	27.1	4.2	3.9	5.6	14.0	4.3	**9.9**	-0.7	36.7
							625	99.1	27.4	4.0	3.5	5.6	13.9	4.8	**10.4**	-0.3	37.7
							650	99.4	27.1	3.9	3.3	5.6	14.0	5.2	**10.8**	-0.9	39.8
							675	99.5	27.8	3.8	3.1	5.6	14.0	5.5	**11.2**	-0.5	40.1
							700	99.7	28.3	3.7	3.0	5.6	13.8	5.7	**11.2**	0.3	39.6
							725	99.7	29.0	3.8	3.1	5.5	13.9	5.8	**11.3**	0.7	39.0
							750	99.8	26.6	4.0	3.4	5.7	14.2	6.1	**11.8**	-2.9	44.5
							775	99.9	28.8	4.2	4.3	5.4	13.8	6.1	**11.5**	-0.8	39.8
							800	99.9	28.7	4.7	4.1	5.0	13.8	6.1	**11.1**	-0.3	38.7
							825	100	28.3	5.7	5.3	4.3	13.7	5.9	**10.2**	-0.9	36.0
							850	100	27.9	7.5	7.4	3.2	13.5	5.1	**8.2**	-1.2	29.6
119	Bayesian-2	Ti	Sr	None	La_2O_3	0.86	500	95.0	26.5	3.7	3.9	5.8	12.5	4.7	**10.6**	-0.5	39.8
							525	95.4	27.2	3.6	3.8	6.1	12.6	5.1	**11.2**	-0.4	41.3

							550	95.9	27.6	3.4	3.5	6.3	12.6	5.6	**11.9**	-0.3	42.9
							575	96.3	28.3	3.2	3.3	6.4	12.5	6.0	**12.4**	0.2	43.7
							600	97.1	28.2	3.0	3.1	6.5	12.6	6.5	**13.0**	-0.5	46.1
							625	97.9	28.1	2.8	2.9	6.6	12.9	6.9	**13.5**	-1.1	48.2
							650	98.7	29.0	2.8	2.7	6.6	13.1	7.3	**14.0**	-0.8	48.3
							675	99.2	29.4	2.8	2.8	6.6	13.2	7.6	**14.2**	-0.7	48.3
							700	99.6	29.2	2.8	2.4	6.5	13.3	7.8	**14.3**	-0.8	48.9
							725	99.8	29.8	2.8	2.3	6.3	13.3	8.0	**14.3**	-0.1	47.9
							750	100	30.1	2.8	2.2	6.1	13.3	8.1	**14.2**	0.4	47.1
							775	100	30.9	2.9	2.2	5.8	13.2	8.1	**14.0**	1.5	45.1
							800	100	28.6	3.3	2.5	5.5	13.6	8.6	**14.1**	-1.6	49.3
							825	100	29.3	3.8	3.3	4.8	13.6	8.6	**13.4**	-1.0	45.6
							850	100	28.8	4.9	4.0	3.7	13.6	8.1	**11.8**	-0.7	40.9
120	Bayesian-2	Li	Sr	None	BaO	0.00	500	-3.5	-2.8	0.1	0.3	0.0	0.0	0.0	0.0	-3.0	
							525	-0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
							550	-2.3	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	
							575	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	
							600	-1.7	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	
							625	-1.0	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.3	
							650	-0.6	0.0	0.1	0.1	0.0	0.1	0.0	0.0	-0.2	
							675	0.2	0.1	0.2	0.1	0.1	0.2	0.0	0.1	-0.4	
							700	2.3	1.0	0.4	0.2	0.3	0.1	0.0	0.4	0.3	
							725	2.4	0.9	0.4	0.3	0.5	0.4	0.0	0.5	-0.4	
							750	4.6	1.7	0.5	0.4	0.8	0.8	0.1	0.9	-0.3	
							775	7.8	3.0	0.6	0.6	1.2	1.1	0.3	1.5	-0.3	
							800	12.6	4.9	1.0	1.0	2.0	1.4	0.8	2.9	-0.3	
							825	22.4	8.4	1.5	1.7	2.5	2.3	1.9	4.4	0.0	
							850	41.5	14.4	2.5	3.2	2.6	4.1	3.9	**6.5**	0.6	45.1
121	Bayesian-2	Li	Ce	W	TiO_2	0.09	500	-3.1	-1.0	0.0	0.1	0.0	0.0	0.0	0.0	-1.1	
							525	-0.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.7	
							550	-1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
							575	-1.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
							600	-1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
							625	-2.9	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	
							650	0.3	2.3	0.0	0.0	0.1	0.0	0.0	0.1	2.2	
							675	0.1	1.8	0.0	0.1	0.1	0.0	0.0	0.1	1.6	
							700	1.0	1.8	0.0	0.2	0.3	0.0	0.0	0.3	1.2	

							725	3.5	2.2	0.1	0.6	0.7	0.1	0.1	0.9	0.7	
							750	9.0	4.4	0.3	1.4	1.4	0.2	0.5	1.9	1.0	
							775	24.0	9.4	0.5	2.8	2.1	0.3	1.4	3.5	2.8	
							800	37.7	14.8	1.0	5.3	2.8	0.7	3.2	**6.0**	2.8	40.6
							825	65.0	22.8	1.5	8.9	3.1	1.5	5.7	**8.8**	3.6	38.7
							850	90.8	28.1	1.9	12.7	3.1	2.5	7.3	**10.4**	2.5	37.1
122	Bayesian-2	K	La	None	La_2O_3	0.73	500	2.1	1.9	0.4	0.6	0.0	0.6	0.0	0.0	0.7	
							525	8.2	3.0	1.0	1.0	0.0	1.4	0.0	0.0	0.6	
							550	98.3	29.9	2.8	2.9	6.7	12.5	6.3	**12.9**	1.6	43.2
							575	98.5	29.9	3.0	3.1	6.6	12.7	6.2	**12.8**	1.4	42.6
							600	98.5	29.5	3.0	3.1	6.5	12.8	6.3	**12.8**	0.8	43.3
							625	99.0	29.9	3.0	3.0	6.4	12.9	6.6	**13.0**	1.0	43.5
							650	99.4	30.1	2.9	2.9	6.4	12.9	6.9	**13.3**	1.0	44.1
							675	99.7	30.1	2.9	2.8	6.3	13.0	7.2	**13.4**	0.9	44.6
							700	99.9	30.0	2.9	2.8	6.1	13.1	7.3	**13.4**	0.7	44.7
							725	100	30.2	3.0	2.7	5.9	13.1	7.4	**13.3**	1.0	44.0
							750	100	29.5	3.1	2.8	5.7	13.3	7.6	**13.3**	0.0	45.2
							775	100	29.7	3.3	2.9	5.4	13.2	7.6	**13.0**	0.5	43.9
							800	100	29.8	3.6	3.1	5.0	13.2	7.7	**12.7**	0.8	42.5
							825	100	29.7	4.1	3.5	4.3	13.1	7.8	**12.1**	1.0	40.7
							850	100	29.5	4.9	4.3	3.5	13.1	7.6	**11.1**	1.0	37.5
123	Bayesian-2	Li	K	Ba	CaO	0.29	500	-3.8	-1.9	0.0	0.2	0.0	0.0	0.0	0.0	-2.1	
							525	-3.5	-1.1	0.0	0.2	0.0	0.0	0.0	0.0	-1.4	
							550	-2.9	-1.1	0.0	0.1	0.0	0.1	0.0	0.0	-1.3	
							575	-3.2	-0.9	0.1	0.1	0.0	0.2	0.0	0.0	-1.2	
							600	-1.5	-0.7	0.2	0.2	0.0	0.3	0.0	0.0	-1.2	
							625	0.0	-0.5	0.3	0.2	0.1	0.5	0.0	0.1	-1.4	
							650	2.2	0.1	0.4	0.3	0.4	0.9	0.0	0.4	-1.4	
							675	5.9	1.3	0.5	0.4	1.0	1.3	0.1	1.1	-1.6	
							700	12.7	4.3	0.6	0.5	2.5	2.1	0.5	3.0	-1.2	
							725	28.5	10.9	0.8	0.7	5.1	3.6	2.5	**7.6**	-0.9	69.4
							750	94.8	30.9	1.2	1.4	6.6	11.4	9.3	**15.9**	2.2	51.3
							775	97.5	29.8	1.7	1.9	6.2	12.1	9.5	**15.7**	0.1	52.6
							800	99.0	29.2	2.0	2.3	5.6	12.2	9.5	**15.2**	-0.5	51.9
							825	99.7	29.0	2.4	2.8	4.9	12.3	9.4	**14.3**	-0.4	49.3
							850	100	27.6	3.3	3.9	3.8	12.4	8.6	**12.3**	-1.0	44.7
124	Bayesian-2	Ca	Ti	Eu	La_2O_3	0.87	500	99.0	29.8	2.6	3.4	6.5	12.4	6.5	**13.0**	1.0	43.6

							525	99.1	30.1	2.6	3.3	6.6	12.5	6.8	**13.3**	0.9	44.3
							550	99.2	29.9	2.6	3.2	6.6	12.5	6.9	**13.5**	0.7	45.1
							575	99.3	29.5	2.5	3.0	6.6	12.7	7.1	**13.7**	0.2	46.2
							600	99.4	29.8	2.6	3.0	6.6	12.7	7.2	**13.8**	0.2	46.2
							625	99.6	30.6	2.6	3.3	6.6	12.7	7.2	**13.8**	0.8	45.1
							650	99.7	29.7	2.6	2.7	6.6	13.0	7.4	**14.0**	0.0	47.2
							675	99.8	30.0	2.6	2.6	6.6	13.0	7.6	**14.2**	0.2	47.4
							700	99.9	29.9	2.7	2.6	6.7	13.2	7.7	**14.4**	-0.3	48.2
							725	100	29.7	2.8	2.5	6.6	13.2	7.7	**14.3**	-0.3	48.2
							750	100	30.5	2.9	2.3	6.4	13.2	7.7	**14.2**	0.9	46.4
							775	100	29.6	3.2	3.0	6.3	13.4	7.9	**14.2**	-1.0	48.0
							800	100	29.9	3.6	3.0	5.7	13.4	7.8	**13.5**	0.0	45.1
							825	100	28.9	4.4	3.8	4.7	13.5	7.5	**12.2**	-0.4	42.0
							850	100	28.0	6.1	5.5	3.0	13.4	6.7	**9.7**	-0.6	34.7
125	Bayesian-2	La	Eu	None	La_2O_3	0.80	500	93.6	23.0	4.9	4.4	4.4	13.2	2.6	**7.0**	-1.5	30.3
							525	98.5	27.2	4.4	3.9	5.2	13.8	3.7	**8.9**	0.6	32.8
							550	99.0	27.4	4.4	3.8	5.3	14.0	3.9	**9.2**	0.4	33.7
							575	99.5	28.1	4.2	3.6	5.4	14.0	4.3	**9.7**	0.8	34.5
							600	99.8	27.3	4.2	3.5	5.4	13.9	4.6	**10.0**	-0.1	36.7
							625	99.9	28.3	4.0	3.4	5.4	13.7	4.9	**10.3**	0.9	36.5
							650	100	29.0	3.8	3.2	5.4	13.5	5.2	**10.7**	1.6	36.7
							675	100	29.6	3.7	3.1	5.5	13.5	5.7	**11.2**	1.9	37.8
							700	100	29.7	3.6	2.9	5.6	13.5	6.2	**11.7**	1.6	39.4
							725	100	30.0	3.6	2.9	5.5	13.4	6.6	**12.2**	1.5	40.5
							750	100	31.1	3.6	2.8	5.4	13.2	7.0	**12.4**	2.7	39.8
							775	100	32.4	3.4	3.0	5.5	13.0	7.4	**12.9**	3.6	39.6
							800	100	30.8	3.7	3.1	5.2	13.4	7.9	**13.1**	1.1	42.7
							825	100	30.5	4.2	3.4	4.7	13.0	8.3	**12.9**	1.0	42.5
							850	100	30.3	4.8	4.0	3.8	13.0	8.5	**12.3**	1.0	40.6
126	Bayesian-2	K	Ba	Eu	CaO	0.34	500	-2.4	0.2	0.0	0.3	0.0	0.0	0.0	0.0	-0.1	
							525	-1.6	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.4	
							550	-1.3	0.5	0.1	0.2	0.0	0.1	0.0	0.0	0.2	
							575	-0.6	0.9	0.1	0.2	0.0	0.1	0.0	0.0	0.5	
							600	0.3	0.9	0.2	0.3	0.0	0.2	0.0	0.0	0.3	
							625	2.1	1.5	0.4	0.5	0.0	0.5	0.0	0.0	0.5	
							650	5.2	2.2	0.7	0.8	0.2	0.9	0.0	0.2	0.4	
							675	10.3	3.7	1.1	1.1	0.6	1.5	0.1	0.7	0.4	

							700	19.5	7.0	1.6	1.4	1.8	2.8	0.4	2.2	0.5	
							725	100	31.0	2.1	2.0	6.3	12.4	8.7	**15.0**	1.7	48.2
							750	100	31.5	2.2	2.0	6.2	12.6	8.7	**14.9**	1.9	47.3
							775	100	30.5	2.4	2.1	5.8	12.8	8.8	**14.6**	1.0	47.9
							800	100	30.1	2.6	2.2	5.3	12.9	8.8	**14.1**	0.8	46.9
							825	100	29.7	3.0	2.5	4.5	12.8	8.7	**13.2**	1.1	44.6
							850	100	29.1	3.7	3.1	3.7	13.1	8.5	**12.2**	0.7	42.0
127	Bayesian-2	K	Ba	La	CaO	0.38	500	-2.3	0.8	0.0	0.3	0.0	0.0	0.0	0.0	0.4	
							525	-2.1	0.4	0.1	0.2	0.0	0.1	0.0	0.0	0.1	
							550	-1.6	0.3	0.1	0.2	0.0	0.1	0.0	0.0	0.0	
							575	-1.0	0.4	0.2	0.3	0.0	0.2	0.0	0.0	-0.1	
							600	0.5	0.8	0.3	0.4	0.0	0.3	0.0	0.0	0.0	
							625	2.8	1.5	0.6	0.7	0.1	0.6	0.0	0.1	0.1	
							650	6.3	1.9	1.0	1.0	0.4	1.1	0.0	0.4	-0.6	
							675	11.6	4.6	1.3	1.3	1.2	1.8	0.2	1.3	0.2	
							700	22.5	8.7	1.8	1.5	3.1	3.1	1.0	4.1	0.1	
							725	99.2	31.8	2.3	1.9	6.2	12.6	9.1	**15.3**	1.9	48.2
							750	99.7	31.7	2.4	2.0	6.2	12.8	9.2	**15.5**	1.4	48.7
							775	100	31.5	2.5	2.1	6.1	12.7	9.4	**15.5**	1.1	49.2
							800	100	31.0	2.7	2.2	5.7	12.6	9.6	**15.3**	0.9	49.4
							825	100	31.1	3.0	2.3	5.0	12.9	9.8	**14.8**	1.1	47.5
							850	100	29.9	3.7	2.8	4.0	13.2	9.6	**13.6**	0.3	45.4
128	Bayesian-2	K	Ca	Ti	La_2O_3	0.69	500	0.8	0.6	0.4	0.2	0.0	0.6	0.0	0.0	-0.3	
							525	5.3	1.4	0.8	0.7	0.0	1.3	0.0	0.0	-0.6	
							550	96.2	27.7	2.5	1.9	6.6	13.0	6.2	**12.8**	0.1	46.1
							575	90.1	25.1	2.9	2.3	5.7	12.6	5.2	**11.0**	-0.8	43.8
							600	92.2	26.3	2.8	2.2	5.9	12.7	5.7	**11.6**	-0.2	44.0
							625	94.6	27.2	2.7	2.2	6.0	13.0	6.2	**12.3**	-0.2	45.1
							650	96.5	28.1	2.7	2.1	6.1	13.1	6.7	**12.8**	0.2	45.3
							675	97.7	28.4	2.7	2.2	6.0	13.1	7.1	**13.1**	-0.1	46.3
							700	98.5	29.0	2.8	2.3	5.9	13.2	7.4	**13.3**	0.3	45.8
							725	99.2	28.8	2.9	2.4	5.7	13.4	7.7	**13.5**	-0.4	46.8
							750	99.7	28.6	3.0	2.5	5.5	13.5	7.9	**13.4**	-0.7	46.7
							775	100	28.2	3.3	2.6	5.2	13.8	8.1	**13.3**	-1.6	47.3
							800	100	28.8	3.8	3.1	4.7	13.5	7.9	**12.6**	-0.4	43.8
							825	100	28.1	4.9	4.2	3.7	13.4	7.5	**11.3**	-0.7	40.1
							850	100	27.8	7.2	6.5	2.3	13.1	6.6	**8.9**	-0.8	31.9

129	Bayesian-2	K	Ba	None	La_2O_3	0.53	500	-2.3	-0.4	0.0	0.1	0.0	0.1	0.0	0.0	-0.5	
							525	-1.9	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	
							550	-1.4	-0.2	0.1	0.1	0.0	0.2	0.0	0.0	-0.6	
							575	0.1	-0.1	0.2	0.1	0.0	0.5	0.0	0.0	-0.7	
							600	3.2	0.7	0.5	0.4	0.0	1.0	0.0	0.0	-0.7	
							625	11.5	3.0	1.2	0.7	0.3	2.3	0.0	0.3	-0.2	
							650	99.8	31.4	1.7	1.3	7.7	13.1	8.3	**16.0**	0.9	51.1
							675	100	31.4	1.9	1.4	7.6	13.1	8.4	**16.0**	0.9	50.9
							700	100	31.3	1.9	1.5	7.3	13.1	8.4	**15.8**	0.9	50.5
							725	100	30.9	2.0	1.5	7.1	13.1	8.5	**15.7**	0.6	50.6
							750	100	31.0	2.1	1.6	6.8	13.2	8.6	**15.4**	0.9	49.5
							775	100	30.1	2.2	1.8	6.4	13.3	8.8	**15.2**	-0.2	50.4
							800	100	29.7	2.4	1.9	5.7	13.3	8.8	**14.5**	0.0	48.9
							825	100	28.9	2.8	2.2	5.0	13.3	9.0	**13.9**	-0.5	48.2
							850	100	28.7	3.4	2.8	4.0	13.2	8.8	**12.7**	0.0	44.4
130	Bayesian-2	Li	Ti	None	La_2O_3	0.79	500	10.9	3.8	1.4	1.2	0.0	1.9	0.0	0.0	0.6	
							525	97.4	30.3	2.3	3.6	6.6	11.4	7.1	**13.7**	1.6	45.2
							550	98.1	30.6	2.3	3.5	6.6	11.6	7.2	**13.8**	1.7	45.2
							575	98.7	30.4	2.3	3.3	6.6	11.9	7.4	**14.0**	1.2	45.9
							600	99.2	30.8	2.3	3.2	6.5	12.1	7.4	**14.0**	1.6	45.4
							625	99.6	30.3	2.4	3.1	6.5	12.3	7.5	**14.0**	0.9	46.1
							650	99.8	30.9	2.5	3.0	6.4	12.4	7.4	**13.8**	1.6	44.8
							675	100	30.3	2.6	3.0	6.5	12.7	7.5	**14.0**	0.7	46.2
							700	100	30.4	2.8	2.9	6.4	12.8	7.6	**14.1**	0.7	46.3
							725	100	30.8	3.0	2.9	6.4	12.9	7.8	**14.3**	0.8	46.3
							750	100	31.0	3.3	2.9	6.2	12.9	8.1	**14.3**	0.9	46.1
							775	100	30.8	3.6	3.1	5.8	13.0	8.2	**14.0**	0.7	45.6
							800	100	30.5	4.1	3.4	5.2	13.1	8.2	**13.4**	0.5	44.0
							825	100	30.0	5.1	4.3	4.1	13.0	7.8	**11.9**	0.8	39.7
							850	100	29.3	7.0	6.3	2.7	13.0	6.9	**9.6**	0.5	32.7
131	Bayesian-2	Li	K	Sm	CaO	0.29	500	-1.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-0.3	
							525	-2.3	-1.0	0.1	0.1	0.0	0.1	0.0	0.0	-1.2	
							550	-1.9	-1.2	0.1	0.1	0.0	0.1	0.0	0.0	-1.4	
							575	-0.9	-0.9	0.2	0.3	0.0	0.2	0.0	0.0	-1.3	
							600	2.0	0.5	0.4	0.5	0.0	0.4	0.0	0.0	-0.3	
							625	3.7	0.3	0.7	0.9	0.1	0.6	0.0	0.1	-1.3	
							650	7.4	1.6	1.1	1.3	0.3	1.1	0.0	0.3	-1.2	

							675	14.0	3.9	1.6	1.9	0.9	1.9	0.1	1.0	-0.9	
							700	25.6	7.5	2.2	2.5	2.1	3.3	0.6	2.7	-1.0	
							725	56.9	17.9	2.7	3.2	4.8	6.8	3.5	**8.3**	-0.4	46.6
							750	96.4	28.8	2.8	3.8	6.0	11.5	7.6	**13.6**	-0.2	47.4
							775	99.0	29.2	2.9	4.1	5.7	11.8	7.9	**13.6**	-0.2	46.5
							800	99.7	28.8	3.2	4.4	5.1	12.0	7.8	**13.0**	-0.5	45.0
							825	99.9	27.9	4.1	5.3	4.0	12.1	7.1	**11.1**	-0.6	39.9
							850	100	27.6	6.3	7.7	2.3	11.7	6.3	**8.6**	-0.4	31.2
132	Bayesian-2	Mg	Ca	Ti	La_2O_3	0.87	500	93.3	28.0	2.7	3.8	6.4	11.7	6.1	**12.5**	0.0	44.6
							525	94.0	29.1	2.5	3.5	6.5	11.6	6.3	**12.8**	1.2	44.1
							550	94.9	29.4	2.4	3.6	6.7	11.9	6.7	**13.4**	0.6	45.5
							575	95.9	29.4	2.4	3.3	6.7	12.0	6.8	**13.5**	0.5	46.0
							600	96.8	29.6	2.5	2.9	6.8	12.3	6.9	**13.7**	0.7	46.2
							625	97.7	29.6	2.6	3.0	6.7	12.4	6.9	**13.6**	0.6	45.9
							650	98.3	29.8	2.7	2.8	6.7	12.7	7.0	**13.8**	0.4	46.2
							675	98.5	30.8	2.7	2.6	6.6	12.6	7.1	**13.7**	1.9	44.5
							700	98.8	30.6	2.8	2.9	6.6	12.8	7.4	**14.0**	0.9	45.9
							725	99.3	30.9	2.8	2.9	6.6	12.9	7.6	**14.2**	0.9	46.0
							750	99.6	30.5	2.9	2.8	6.5	13.1	7.9	**14.5**	0.2	47.4
							775	99.8	30.0	3.2	2.9	6.3	13.1	8.2	**14.5**	-0.6	48.3
							800	99.9	30.9	3.5	3.2	5.7	13.0	8.3	**14.1**	0.6	45.5
							825	100	30.7	4.2	3.7	5.0	13.1	8.4	**13.4**	0.5	43.7
							850	100	30.2	5.3	5.1	4.0	13.2	8.2	**12.2**	-0.3	40.4
133	Bayesian-2	Li	Ce	Sm	CaO	0.38	500	-3.2	0.1	0.1	0.2	0.0	0.1	0.0	0.0	-0.1	
							525	-3.3	-1.3	0.2	0.2	0.0	0.1	0.0	0.0	-1.6	
							550	-3.3	-2.6	0.3	0.2	0.0	0.2	0.0	0.0	-3.0	
							575	1.7	-0.5	0.5	0.7	0.0	0.5	0.0	0.0	-1.6	
							600	3.0	-0.9	0.8	1.1	0.0	0.8	0.0	0.0	-2.8	
							625	9.6	2.0	1.4	1.8	0.1	1.5	0.0	0.1	-1.5	
							650	18.7	4.0	2.2	2.8	0.4	2.4	0.0	0.4	-1.6	
							675	29.6	7.2	2.8	3.7	1.3	3.7	0.3	1.5	-1.8	
							700	51.2	13.4	3.3	4.3	3.5	6.3	1.7	**5.2**	-2.4	38.7
							725	98.2	28.3	2.5	3.8	6.4	12.0	7.8	**14.1**	-1.7	50.0
							750	99.9	28.5	2.5	3.3	6.4	12.6	8.2	**14.6**	-1.9	51.1
							775	100	29.6	2.7	3.2	6.1	12.7	8.3	**14.4**	-0.7	48.6
							800	100	27.9	3.0	3.2	5.6	12.9	8.4	**14.0**	-2.3	50.3
							825	100	27.9	3.5	3.7	4.8	13.0	8.1	**12.9**	-1.7	46.2

							850	100	27.0	4.9	5.6	3.3	13.0	6.9	**10.2**	-1.8	37.8
134	Bayesian-2	Ca	Ti	Ba	La_2O_3	0.76	500	10.0	2.7	1.0	0.5	0.0	2.0	0.0	0.0	0.2	
							525	95.2	29.1	2.2	2.1	7.1	12.1	6.8	**13.9**	1.0	47.6
							550	96.2	29.7	2.2	2.1	7.2	12.3	7.0	**14.2**	1.1	47.7
							575	96.3	30.4	2.3	2.2	7.2	12.3	7.2	**14.4**	1.5	47.3
							600	96.8	30.7	2.2	2.1	7.2	12.4	7.4	**14.6**	1.6	47.6
							625	97.7	31.1	2.2	1.9	7.1	12.4	7.6	**14.7**	2.1	47.3
							650	98.7	30.4	2.1	1.8	7.1	12.7	8.0	**15.1**	0.9	49.5
							675	99.3	30.1	2.1	1.7	7.0	12.8	8.1	**15.2**	0.4	50.4
							700	99.7	30.3	2.1	1.6	7.0	13.2	8.4	**15.4**	0.1	50.8
							725	99.9	30.0	2.1	1.5	6.9	13.3	8.5	**15.3**	-0.2	51.1
							750	100	30.1	2.2	1.6	6.7	13.4	8.5	**15.2**	-0.1	50.7
							775	100	29.6	2.3	1.7	6.4	13.4	8.7	**15.1**	-0.5	50.9
							800	100	29.4	2.6	1.8	6.0	13.4	8.8	**14.8**	-0.7	50.4
							825	100	30.1	2.9	2.1	5.3	13.2	8.9	**14.2**	0.6	47.2
							850	100	29.4	3.6	2.7	4.4	13.4	9.1	**13.5**	-0.1	46.0
135	Bayesian-2	Li	Ca	None	La_2O_3	0.68	500	1.6	1.0	0.3	0.2	0.0	0.6	0.0	0.0	0.3	
							525	3.7	1.0	0.5	0.3	0.0	1.1	0.0	0.0	-0.4	
							550	10.5	3.1	1.1	0.8	0.1	2.0	0.0	0.1	0.3	
							575	23.8	6.4	2.4	2.0	0.5	3.9	0.1	0.6	-0.1	
							600	88.2	28.7	2.2	3.5	6.9	10.1	6.6	**13.6**	1.5	47.3
							625	94.5	30.6	2.1	3.4	7.3	10.9	7.4	**14.7**	1.6	48.1
							650	97.1	31.6	2.1	3.4	7.4	11.2	7.8	**15.2**	1.7	48.3
							675	98.6	31.9	2.1	3.3	7.4	11.5	8.2	**15.6**	1.5	48.8
							700	99.4	31.8	2.1	3.1	7.4	11.7	8.4	**15.8**	1.2	49.6
							725	99.8	32.6	2.1	3.2	7.2	11.7	8.5	**15.7**	2.0	48.2
							750	100	32.0	2.2	3.1	6.9	11.9	8.7	**15.7**	1.4	48.9
							775	100	32.5	2.3	3.1	6.4	11.8	8.8	**15.2**	2.3	46.9
							800	100	31.4	2.7	3.4	5.9	11.9	8.9	**14.8**	1.3	47.0
							825	100	31.0	3.3	4.0	5.0	11.9	8.9	**13.9**	1.3	44.8
							850	100	30.2	4.5	5.4	3.7	11.9	8.4	**12.2**	0.6	40.4
136	Bayesian-2	Ca	Ba	None	La_2O_3	0.57	500	2.1	0.5	0.3	0.1	0.0	0.7	0.0	0.0	-0.3	
							525	6.9	1.4	0.6	0.5	0.0	1.3	0.0	0.0	-0.3	
							550	13.8	3.3	1.4	1.0	0.1	2.4	0.0	0.1	-0.2	
							575	27.0	7.1	2.7	2.0	0.7	4.4	0.1	0.8	-0.1	
							600	40.4	11.5	3.7	2.7	2.3	6.2	0.7	3.0	-0.4	
							625	55.0	17.5	3.8	2.7	4.7	7.8	2.5	**7.2**	-0.2	41.2

							650	88.8	28.5	2.0	2.0	7.2	11.1	7.2	**14.4**	1.0	50.4
							675	93.1	29.8	2.0	1.9	7.2	11.7	7.9	**15.1**	1.0	50.9
							700	95.8	30.4	1.9	1.7	7.2	12.1	8.4	**15.6**	1.0	51.2
							725	97.8	30.7	1.9	1.7	7.0	12.4	8.7	**15.7**	0.9	51.2
							750	98.9	31.1	2.0	1.6	6.8	12.7	8.9	**15.7**	1.1	50.4
							775	99.5	30.8	2.1	1.7	6.4	12.8	9.0	**15.4**	1.0	50.0
							800	99.8	30.3	2.3	1.8	6.0	13.0	9.2	**15.1**	0.3	50.0
							825	99.9	29.9	2.5	2.1	5.2	13.0	9.2	**14.4**	0.5	48.2
							850	99.9	29.5	3.1	2.4	4.2	13.0	9.3	**13.5**	0.5	45.8
137	Bayesian-3	Ca	Sr	Ba	La_2O_3	0.79	500	7.2	2.5	0.7	0.6	0.0	1.3	0.0	0.0	0.6	
							525	94.3	29.7	2.3	2.8	7.0	11.2	6.1	**13.1**	2.5	44.1
							550	95.5	30.7	2.1	2.5	7.3	11.7	6.8	**14.1**	2.4	45.9
							575	96.8	30.8	2.0	2.3	7.6	12.1	7.5	**15.1**	1.3	49.0
							600	97.7	31.1	1.8	2.1	7.7	12.3	8.0	**15.7**	1.0	50.6
							625	98.5	32.1	1.7	1.8	7.6	12.3	8.2	**15.8**	2.1	49.4
							650	98.8	32.0	1.6	1.6	7.5	12.4	8.4	**15.9**	2.0	49.7
							675	99.3	31.1	1.6	1.5	7.5	12.8	8.6	**16.2**	0.6	51.9
							700	99.6	31.2	1.6	1.5	7.4	13.0	8.7	**16.1**	0.7	51.4
							725	99.7	30.7	1.7	1.4	7.2	13.2	8.7	**15.9**	0.2	51.8
							750	99.8	30.5	1.8	1.5	7.1	13.6	8.9	**16.0**	-0.5	52.4
							775	100	30.1	1.9	1.6	6.7	13.5	9.0	**15.6**	-0.6	52.0
							800	100	29.9	2.1	1.6	6.1	13.4	9.1	**15.2**	-0.3	50.6
							825	100	29.8	2.5	1.8	5.4	13.4	9.2	**14.6**	0.0	49.0
							850	100	29.8	3.2	2.4	4.4	13.3	9.3	**13.7**	0.4	45.9
138	Bayesian-3	Mg	Ca	Ba	La_2O_3	0.73	500	2.3	1.1	0.4	0.2	0.0	0.8	0.0	0.0	0.2	
							525	7.8	1.8	1.0	0.7	0.0	1.6	0.0	0.0	-0.4	
							550	90.5	27.8	2.4	2.5	7.0	11.8	5.8	**12.8**	0.8	46.0
							575	93.9	29.2	2.3	2.4	7.4	12.2	6.5	**13.9**	0.8	47.4
							600	96.1	30.3	2.2	2.6	7.6	12.4	7.0	**14.6**	0.7	48.1
							625	97.7	30.7	2.1	2.0	7.8	12.8	7.5	**15.3**	0.6	49.8
							650	98.7	31.0	2.0	1.8	7.9	13.0	7.8	**15.7**	0.6	50.5
							675	99.4	31.4	2.0	1.7	7.8	13.1	8.0	**15.8**	0.9	50.3
							700	99.8	31.5	1.9	1.6	7.7	13.3	8.2	**16.0**	0.6	50.8
							725	99.9	31.3	2.0	1.5	7.6	13.4	8.4	**16.0**	0.3	51.2
							750	100	31.0	2.0	1.5	7.2	13.2	8.3	**15.5**	0.8	50.1
							775	100	30.4	2.1	2.0	7.0	13.6	8.7	**15.7**	-0.9	51.7
							800	100	30.7	2.3	2.0	6.3	13.3	8.7	**15.0**	0.3	49.0

							825	100	30.0	2.6	2.0	5.6	13.5	9.0	**14.6**	-0.1	48.8
							850	100	29.7	3.2	2.5	4.5	13.5	9.0	**13.6**	0.2	45.7
139	Bayesian-3	Mg	Ca	Sr	La_2O_3	0.89	500	98.9	30.5	1.9	2.3	7.5	12.7	6.9	**14.4**	1.1	47.3
							525	99.1	30.4	1.9	2.1	7.6	12.7	7.1	**14.7**	0.9	48.4
							550	97.3	26.9	2.2	2.6	8.0	13.8	7.6	**15.6**	-5.0	58.0
							575	99.6	30.7	1.8	2.4	7.5	12.9	7.5	**15.1**	0.3	49.2
							600	99.7	30.0	1.9	1.9	7.7	13.2	7.8	**15.5**	-0.5	51.6
							625	99.8	30.6	1.9	1.7	7.6	13.1	7.8	**15.4**	0.4	50.3
							650	99.9	30.9	2.0	1.7	7.6	13.2	7.9	**15.5**	0.4	50.3
							675	99.9	31.3	2.1	1.7	7.6	13.1	8.0	**15.5**	0.9	49.7
							700	100	31.5	2.3	1.7	7.5	13.2	8.3	**15.8**	0.7	50.3
							725	100	31.6	2.4	1.7	7.4	13.3	8.5	**15.9**	0.6	50.5
							750	100	31.8	2.4	1.7	7.1	13.2	8.6	**15.8**	1.0	49.7
							775	100	31.1	2.6	1.8	6.9	13.5	9.0	**15.9**	-0.1	51.2
							800	100	31.0	2.8	2.0	6.2	13.3	9.2	**15.5**	0.2	50.0
							825	100	30.6	3.2	2.3	5.4	13.2	9.4	**14.8**	0.3	48.4
							850	100	30.6	3.9	2.8	4.2	13.2	9.5	**13.7**	0.9	44.7
140	Bayesian-3	Ca	Ba	Eu	La_2O_3	0.76	500	4.3	1.4	0.6	0.3	0.0	1.1	0.0	0.0	0.0	
							525	13.5	3.1	1.4	1.0	0.0	2.5	0.0	0.0	-0.4	
							550	94.3	28.3	2.1	2.4	7.3	12.2	6.5	**13.9**	-0.2	49.0
							575	96.1	29.1	2.0	2.2	7.6	12.5	7.0	**14.6**	-0.1	50.1
							600	97.7	29.6	2.0	2.1	7.7	12.6	7.5	**15.2**	-0.3	51.3
							625	98.8	30.3	1.9	1.9	7.8	12.9	7.9	**15.7**	-0.2	51.9
							650	99.5	30.2	1.9	1.7	7.8	13.1	8.2	**16.0**	-0.6	53.0
							675	99.8	30.2	1.9	1.7	7.9	13.4	8.5	**16.4**	-1.3	54.3
							700	99.9	32.8	1.8	1.4	7.5	13.0	8.4	**15.9**	2.5	48.4
							725	100	30.5	1.9	1.5	7.6	13.5	8.6	**16.2**	-0.7	53.2
							750	100	30.9	1.9	1.4	7.3	13.5	8.6	**15.9**	0.1	51.5
							775	100	30.7	2.0	1.4	6.9	13.5	8.7	**15.6**	0.2	50.9
							800	100	30.1	2.2	1.5	6.5	13.6	9.0	**15.4**	-0.5	51.4
							825	100	29.6	2.5	1.7	5.7	13.6	9.2	**14.9**	-0.7	50.3
							850	100	29.3	3.1	2.2	4.6	13.6	9.3	**13.9**	-0.4	47.5
141	Bayesian-3	Ca	Ba	Nd	La_2O_3	0.92	500	88.6	26.4	2.6	2.7	5.9	11.5	5.0	**10.9**	1.2	41.3
							525	92.0	27.9	2.5	2.5	6.4	12.0	5.7	**12.1**	1.3	43.3
							550	94.3	28.4	2.4	2.7	6.8	12.3	6.3	**13.1**	0.3	46.0
							575	95.8	29.1	2.2	2.4	7.1	12.5	6.8	**13.9**	0.3	47.6
							600	97.0	30.2	2.1	2.4	7.2	12.4	7.1	**14.2**	1.1	47.2

							625	97.7	29.6	2.0	2.1	7.5	12.8	7.6	**15.1**	-0.4	51.0
							650	98.3	30.7	1.9	2.0	7.5	12.7	7.7	**15.2**	0.8	49.4
							675	98.7	31.4	1.8	1.9	7.6	12.9	7.9	**15.5**	1.1	49.3
							700	99.1	31.3	1.8	2.0	7.6	13.0	8.0	**15.6**	0.7	49.8
							725	99.5	30.5	1.8	1.6	7.7	13.2	8.2	**15.9**	-0.2	52.1
							750	99.9	30.7	1.9	1.8	7.6	13.5	8.5	**16.1**	-0.6	52.3
							775	100	31.3	2.1	2.3	7.2	13.4	8.6	**15.8**	-0.2	50.6
							800	100	31.1	2.4	1.6	6.7	13.3	9.0	**15.6**	0.6	50.2
							825	100	30.6	2.8	2.0	5.8	13.2	9.2	**15.0**	0.3	49.1
							850	100	30.7	3.6	2.6	4.6	13.2	9.2	**13.9**	1.0	45.1
142	Bayesian-3	Na	Ba	None	La_2O_3	0.43	500	-3.6	-3.5	0.1	0.2	0.0	0.1	0.0	0.0	-3.8	
							525	-3.2	-3.1	0.1	0.2	0.0	0.2	0.0	0.0	-3.5	
							550	-1.9	-2.3	0.2	0.2	0.0	0.3	0.0	0.0	-2.7	
							575	-1.5	-3.3	0.3	0.1	0.0	0.5	0.0	0.0	-3.9	
							600	1.9	-1.0	0.6	0.3	0.1	0.9	0.0	0.1	-2.2	
							625	6.3	0.5	1.0	0.5	0.4	1.5	0.0	0.4	-1.9	
							650	14.5	2.9	1.5	0.8	1.3	2.8	0.2	1.5	-2.2	
							675	99.3	29.8	1.7	1.2	7.5	13.1	8.9	**16.4**	-0.9	55.1
							700	99.7	30.0	2.0	1.4	7.5	13.2	8.8	**16.3**	-0.9	54.5
							725	99.9	29.0	2.1	1.6	7.4	13.5	9.1	**16.5**	-2.6	57.0
							750	100	29.1	2.2	2.5	7.1	13.6	9.2	**16.3**	-3.3	55.9
							775	100	29.1	2.3	4.2	6.7	13.6	9.3	**16.0**	-4.6	54.8
							800	100	28.4	2.4	2.7	6.0	13.6	9.3	**15.3**	-3.2	53.9
							825	100	27.9	2.7	3.3	5.3	13.7	9.5	**14.7**	-3.8	52.8
							850	100	27.5	3.2	2.7	4.3	13.6	9.4	**13.7**	-2.5	49.7
143	Bayesian-3	K	Ca	Ba	La_2O_3	0.46	500	-4.0	-2.5	0.0	0.1	0.0	0.1	0.0	0.0	-2.7	
							525	-3.1	-2.1	0.1	0.2	0.0	0.1	0.0	0.0	-2.4	
							550	-1.8	-1.4	0.2	0.2	0.0	0.3	0.0	0.0	-1.9	
							575	-1.5	-2.7	0.3	0.1	0.0	0.5	0.0	0.0	-3.3	
							600	1.7	-2.4	0.5	0.3	0.1	0.9	0.0	0.1	-3.7	
							625	6.7	0.2	1.0	0.5	0.4	1.7	0.0	0.4	-2.4	
							650	16.1	2.9	1.6	0.9	1.4	3.2	0.2	1.6	-2.7	
							675	99.1	28.8	1.5	1.1	7.3	13.5	8.5	**15.8**	-1.6	54.9
							700	99.4	28.6	2.3	1.6	6.9	13.6	8.7	**15.6**	-2.2	54.6
							725	99.8	29.8	2.4	4.1	6.7	13.6	8.8	**15.5**	-3.4	52.1
							750	99.9	29.9	2.6	2.4	6.5	13.6	9.0	**15.5**	-1.6	51.8
							775	100	28.6	2.8	2.0	6.0	13.5	9.2	**15.2**	-2.1	53.2

							800	100	29.2	3.0	2.3	5.5	13.5	9.4	**14.9**	-1.5	51.0
							825	100	29.5	3.3	3.5	4.8	13.4	9.7	**14.4**	-1.9	49.0
							850	100	29.1	4.0	3.5	3.9	13.4	9.7	**13.6**	-1.4	46.7
144	Bayesian-3	Li	Ca	Ba	MgO	0.43	500	2.6	2.6	0.1	0.4	0.0	0.1	0.0	0.0	2.1	
							525	3.7	4.1	0.3	0.6	0.0	0.2	0.0	0.0	3.3	
							550	6.4	4.9	0.6	1.0	0.0	0.4	0.0	0.0	3.5	
							575	11.0	6.3	1.1	1.6	0.0	0.9	0.0	0.0	3.9	
							600	18.4	8.3	2.0	2.4	0.1	1.8	0.0	0.1	4.0	
							625	30.5	9.6	3.4	3.4	0.5	3.8	0.1	0.5	1.9	
							650	93.6	32.2	2.7	2.1	6.7	11.7	7.5	**14.3**	4.2	44.2
							675	96.7	33.2	2.7	2.0	6.8	12.4	8.2	**15.0**	3.9	45.0
							700	98.2	33.3	2.7	1.8	6.5	12.4	8.4	**14.9**	4.1	44.9
							725	99.0	33.6	2.7	1.6	6.3	12.6	8.7	**15.0**	4.5	44.4
							750	99.5	33.6	2.7	1.7	6.1	12.7	8.8	**14.9**	4.4	44.3
							775	99.8	33.2	2.9	2.3	5.8	12.7	8.9	**14.7**	3.5	44.3
							800	100	32.6	3.0	2.1	5.4	12.8	9.1	**14.5**	3.2	44.5
							825	100	34.8	3.2	2.4	4.6	12.2	8.8	**13.5**	6.6	38.8
							850	100	31.8	4.0	3.3	3.8	12.8	8.9	**12.7**	3.0	40.0
145	Bayesian-3	Na	Ce	W	CaO	0.35	500	-2.1	-1.3	0.0	0.1	0.0	0.0	0.0	0.0	-1.5	
							525	-2.5	-0.9	0.1	0.2	0.0	0.1	0.0	0.0	-1.1	
							550	-3.6	-3.1	0.1	0.1	0.0	0.1	0.0	0.0	-3.3	
							575	-2.3	-2.6	0.2	0.1	0.0	0.3	0.0	0.0	-3.0	
							600	-1.1	-3.0	0.4	0.1	0.0	0.5	0.0	0.0	-3.6	
							625	1.4	-2.6	0.7	0.1	0.1	0.9	0.0	0.1	-3.7	
							650	5.6	-1.5	1.0	1.0	0.4	1.5	0.0	0.4	-4.4	
							675	12.2	-1.1	1.4	1.3	1.2	2.7	0.2	1.4	-6.6	
							700	28.9	3.9	1.8	1.6	3.5	5.1	1.2	4.8	-7.6	
							725	100	26.8	1.7	1.1	6.6	14.4	7.9	**14.5**	-3.3	54.1
							750	100	25.9	2.0	1.4	6.2	14.6	7.6	**13.8**	-3.9	53.2
							775	100	26.4	2.2	1.8	5.8	14.4	7.7	**13.5**	-3.4	51.3
							800	100	26.8	2.4	2.2	5.2	14.0	7.9	**13.1**	-2.5	48.9
							825	100	25.8	2.8	2.7	4.6	14.0	8.2	**12.8**	-3.6	49.4
							850	100	23.3	3.4	3.3	3.7	14.3	8.5	**12.2**	-6.5	52.4
146	Bayesian-3	K	Ca	None	La_2O_3	0.72	500	1.0	0.2	0.3	0.1	0.0	0.6	0.0	0.0	-0.5	
							525	4.1	0.3	0.7	0.5	0.0	1.1	0.0	0.0	-1.2	
							550	11.3	1.7	1.5	1.1	0.0	2.3	0.0	0.0	-1.7	
							575	96.6	28.8	1.9	2.7	7.1	12.0	7.3	**14.5**	-0.4	50.2

							600	97.8	29.1	2.0		2.8	7.1	12.2	7.5	**14.7**	-0.6	50.5
							625	98.6	29.4	2.0		2.6	7.1	12.3	7.6	**14.7**	-0.2	50.0
							650	99.2	29.6	2.1		2.6	7.0	12.4	7.7	**14.7**	-0.1	49.8
							675	99.5	29.4	2.2		2.6	7.1	12.7	7.8	**15.0**	-0.9	50.9
							700	99.8	29.4	2.3		2.7	7.0	12.8	7.9	**14.9**	-1.0	50.7
							725	99.9	28.4	2.4		2.7	7.1	13.3	8.1	**15.2**	-2.8	53.7
							750	100	28.9	2.6		2.7	6.8	13.2	8.1	**14.9**	-1.8	51.6
							775	100	30.6	2.8		2.7	6.4	13.1	8.3	**14.7**	0.1	48.0
							800	100	28.8	3.2		3.0	6.0	13.2	8.6	**14.6**	-2.1	50.9
							825	100	28.4	3.7		3.4	5.2	13.2	8.8	**14.0**	-2.3	49.4
							850	100	28.0	4.8		4.4	3.9	13.2	8.5	**12.4**	-2.1	44.5
147	Bayesian-3	Na	Mg	Ce	TiO_2	0.19	500	-0.7	0.5	0.0		0.2	0.0	0.0	0.0	0.0	0.4	
							525	0.2	1.2	0.0		0.2	0.0	0.0	0.0	0.0	1.0	
							550	0.7	1.8	0.0		0.1	0.0	0.0	0.0	0.0	1.7	
							575	1.6	2.2	0.0		0.1	0.0	0.0	0.0	0.0	2.1	
							600	1.4	2.2	0.0		0.1	0.0	0.0	0.0	0.0	2.1	
							625	1.7	2.2	0.0		0.1	0.0	0.1	0.0	0.0	2.0	
							650	2.5	2.6	0.1		0.2	0.0	0.1	0.0	0.0	2.3	
							675	3.1	2.9	0.1		0.3	0.1	0.2	0.0	0.1	2.4	
							700	4.8	3.3	0.2		0.5	0.2	0.3	0.0	0.2	2.3	
							725	8.3	4.7	0.4		0.9	0.4	0.5	0.1	0.5	2.8	
							750	14.1	6.6	0.7		1.5	1.0	1.0	0.3	1.3	2.8	
							775	27.6	11.1	1.3		2.6	2.3	2.1	1.3	3.6	2.9	
							800	99.2	32.4	1.7		4.5	5.0	9.9	8.7	**13.7**	4.3	42.2
							825	99.4	32.2	1.9		5.1	4.6	9.6	8.8	**13.3**	4.2	41.4
							850	99.8	31.2	2.4		6.2	3.9	9.3	8.5	**12.4**	3.2	39.8
148	Bayesian-3	Li	Ba	None	MgO	0.29	500	-0.4	-0.7	0.2		0.3	0.0	0.1	0.0	0.0	-1.1	
							525	3.8	2.8	0.3		0.6	0.0	0.2	0.0	0.0	2.1	
							550	6.5	3.9	0.6		1.1	0.0	0.4	0.0	0.0	2.4	
							575	10.9	5.2	1.1		1.7	0.0	0.8	0.0	0.0	2.7	
							600	18.0	7.1	1.9		2.6	0.0	1.6	0.0	0.0	2.9	
							625	30.6	9.8	3.2		3.9	0.2	3.3	0.0	0.2	2.4	
							650	58.1	16.8	4.8		5.1	1.6	7.6	0.5	2.1	2.0	
							675	94.3	29.9	3.7		3.4	5.9	12.1	5.5	**11.4**	3.1	38.1
							700	98.3	31.5	3.4		3.0	6.2	12.6	6.7	**12.9**	2.9	41.1
							725	99.5	32.2	3.2		2.6	6.2	12.8	7.7	**13.8**	3.0	43.0
							750	99.8	32.8	3.0		2.3	5.9	12.8	8.1	**14.0**	3.7	42.8

							775	100.0	32.4	2.9	2.1	5.5	12.8	8.3	**13.9**	3.6	42.8
							800	100.0	32.1	3.0	2.2	4.9	13.0	8.4	**13.3**	3.6	41.6
							825	100.0	31.0	3.4	2.5	3.9	13.1	8.6	**12.5**	2.9	40.4
							850	100.0	30.8	4.0	3.1	2.8	13.1	8.3	**11.1**	3.4	36.2
149	Bayesian-3	Na	Ca	None	La_2O_3	0.56	500	-3.6	-3.4	0.1	0.2	0.0	0.2	0.0	0.0	-3.8	
							525	-2.0	-3.2	0.3	0.1	0.0	0.5	0.0	0.0	-3.8	
							550	0.7	-2.5	0.6	0.1	0.0	0.9	0.0	0.0	-3.6	
							575	5.8	-1.2	1.2	0.1	0.1	1.8	0.0	0.1	-3.2	
							600	18.1	3.4	2.3	1.5	0.7	3.5	0.1	0.8	-2.4	
							625	99.0	29.4	2.0	2.4	7.5	12.7	8.2	**15.7**	-1.4	53.5
							650	99.5	29.5	2.1	2.5	7.5	12.7	8.2	**15.7**	-1.3	53.1
							675	99.8	29.4	2.1	2.5	7.4	12.8	8.3	**15.7**	-1.6	53.5
							700	100	29.5	2.2	2.4	7.3	12.9	8.3	**15.6**	-1.4	52.8
							725	100	29.5	2.3	2.2	7.1	13.2	8.3	**15.5**	-1.4	52.5
							750	100	28.6	2.5	2.2	6.9	13.5	8.5	**15.4**	-2.6	53.9
							775	100	28.7	2.6	2.4	6.5	13.4	8.4	**14.9**	-1.9	51.9
							800	100	28.1	2.8	2.5	5.9	13.5	8.6	**14.5**	-2.4	51.8
							825	100	27.9	3.1	2.9	5.2	13.5	8.8	**14.0**	-2.4	50.0
							850	100	27.5	3.7	3.4	4.2	13.4	8.7	**12.9**	-2.2	46.9
150	Bayesian-3	Mg	K	Ba	CaO	0.37	500	-3.2	-1.9	0.0	0.1	0.0	0.0	0.0	0.0	-2.0	
							525	-2.6	-1.3	0.0	0.1	0.0	0.0	0.0	0.0	-1.4	
							550	-2.0	-1.0	0.1	0.1	0.0	0.1	0.0	0.0	-1.2	
							575	-1.2	-0.9	0.1	0.1	0.0	0.2	0.0	0.0	-1.2	
							600	0.3	-0.7	0.3	0.1	0.0	0.3	0.0	0.0	-1.1	
							625	3.5	1.1	0.5	0.4	0.1	0.6	0.0	0.1	0.1	
							650	5.9	1.4	0.8	0.7	0.2	1.2	0.0	0.2	-0.6	
							675	11.8	2.6	1.2	1.0	0.8	2.1	0.1	0.9	-1.4	
							700	22.8	5.6	1.7	1.3	2.6	3.7	0.7	3.3	-2.7	
							725	99.4	28.9	2.0	1.8	6.1	13.1	8.9	**15.0**	-0.9	51.9
							750	99.8	29.2	2.1	2.0	6.0	13.0	9.2	**15.1**	-0.9	51.7
							775	100	29.3	2.2	2.2	5.8	12.9	9.3	**15.1**	-0.9	51.5
							800	100	29.2	2.4	2.4	5.5	13.0	9.4	**15.0**	-1.2	51.3
							825	100	28.6	2.8	2.7	5.0	13.1	9.5	**14.5**	-1.8	50.6
							850	100	27.8	3.7	3.5	3.9	13.3	9.0	**12.9**	-1.8	46.3
151	Bayesian-3	Li	Ca	Sm	MgO	0.34	500	6.7	3.5	0.7	1.0	0.0	0.6	0.0	0.0	1.9	
							525	15.0	6.5	1.5	1.7	0.0	1.5	0.0	0.0	3.3	
							550	30.1	9.8	2.9	3.2	0.0	3.8	0.0	0.0	2.7	

							575	62.2	17.1	5.3	4.9	0.5	8.9	0.1	0.6	2.6	
							600	87.4	23.3	5.7	4.8	2.3	13.2	0.8	3.2	2.1	
							625	95.8	26.9	4.8	3.9	4.0	14.1	2.4	**6.4**	2.5	23.8
							650	98.1	29.0	4.0	3.1	4.8	14.0	4.0	**8.7**	3.0	30.2
							675	99.0	30.1	3.7	2.6	4.9	13.9	5.1	**10.0**	3.6	33.3
							700	99.4	30.8	3.5	2.3	4.9	14.0	6.1	**11.0**	3.5	35.6
							725	99.7	31.5	3.5	2.1	4.7	13.9	7.0	**11.7**	3.9	37.0
							750	99.8	33.2	3.4	2.0	4.4	13.4	7.6	**12.1**	5.6	36.4
							775	99.8	33.4	3.4	2.3	4.3	13.2	8.4	**12.7**	5.3	38.1
							800	99.7	33.1	3.5	2.5	3.9	12.9	8.7	**12.6**	5.1	38.1
							825	99.9	32.6	3.8	2.9	3.4	12.8	8.7	**12.2**	4.8	37.2
							850	100	32.2	4.5	3.7	2.7	12.8	8.5	**11.1**	4.4	34.6
152	Bayesian-3	Ba	La	None	CaO	0.43	500	-5.7	-5.3	0.1	0.0	0.0	0.1	0.0	0.0	-5.4	
							525	-2.2	-2.3	0.1	0.0	0.0	0.1	0.0	0.0	-2.5	
							550	-2.2	-2.8	0.2	0.3	0.0	0.3	0.0	0.0	-3.4	
							575	-0.4	-2.5	0.5	0.5	0.0	0.5	0.0	0.0	-3.5	
							600	3.0	-1.8	0.8	0.9	0.0	1.0	0.0	0.0	-3.6	
							625	8.9	-0.3	1.5	1.6	0.1	1.8	0.0	0.1	-3.8	
							650	20.3	2.7	2.6	2.6	0.5	3.4	0.1	0.6	-3.9	
							675	97.1	27.1	2.2	2.2	7.0	12.0	7.6	**14.6**	-1.7	54.0
							700	98.1	27.3	2.3	2.2	6.9	13.3	7.7	**14.7**	-2.8	53.7
							725	98.9	27.4	2.5	2.2	6.9	14.2	8.0	**14.9**	-4.0	54.4
							750	98.9	27.2	2.8	2.4	6.2	13.6	8.3	**14.5**	-3.3	53.3
							775	99.8	27.1	3.0	2.5	5.4	13.8	8.8	**14.2**	-3.4	52.5
							800	100	27.6	3.2	2.4	5.1	13.8	9.1	**14.3**	-2.9	51.7
							825	100	26.9	3.7	2.7	4.3	14.0	9.5	**13.8**	-3.6	51.2
							850	100	26.5	4.3	3.3	3.4	14.1	9.4	**12.7**	-3.7	48.1
153	Bayesian-3	Ba	Sm	None	La_2O_3	0.85	500	3.2	-1.5	0.6	0.1	0.0	1.2	0.0	0.0	-2.7	
							525	94.4	26.0	2.1	2.3	7.1	12.4	6.3	**13.4**	-2.1	51.7
							550	95.6	26.9	2.0	2.1	7.4	12.7	6.7	**14.1**	-2.0	52.3
							575	96.9	28.2	1.9	1.9	7.5	12.9	7.1	**14.6**	-1.2	51.7
							600	98.0	27.8	1.9	1.8	7.7	13.2	7.4	**15.1**	-2.3	54.4
							625	98.8	29.5	1.9	1.7	7.6	13.1	7.5	**15.1**	-0.4	51.4
							650	99.3	29.2	1.9	1.6	7.8	13.4	7.8	**15.5**	-1.4	53.3
							675	99.7	29.2	1.9	1.5	7.7	13.4	7.8	**15.5**	-1.3	53.2
							700	99.9	29.1	2.0	1.6	7.7	13.7	8.0	**15.7**	-1.8	53.9
							725	99.9	28.7	2.1	1.6	7.6	13.8	8.1	**15.7**	-2.3	54.6

							750	99.9	27.0	2.2	1.7	7.6	14.2	8.5	**16.0**	-4.9	59.5
							775	100	29.2	2.3	1.8	6.9	13.6	8.3	**15.3**	-1.4	52.2
							800	100	29.3	2.5	1.9	6.3	13.5	8.4	**14.7**	-0.9	50.2
							825	100	28.1	3.0	2.3	5.6	13.9	8.8	**14.4**	-2.5	51.2
							850	100	28.2	3.6	2.9	4.4	13.6	8.7	**13.1**	-1.5	46.4
154	Bayesian-3	Mg	Sr	Ba	La_2O_3	0.76	500	6.7	-1.9	1.1	0.8	0.0	2.4	0.0	0.0	-5.0	
							525	91.0	22.6	2.3	2.7	6.5	12.4	5.2	**11.6**	-4.2	51.6
							550	92.9	23.5	2.3	2.6	6.6	12.9	5.7	**12.3**	-4.2	52.2
							575	95.0	24.7	2.2	2.3	6.9	13.2	6.2	**13.2**	-4.0	53.3
							600	96.6	25.3	2.1	2.2	7.2	13.3	6.7	**13.9**	-4.1	55.0
							625	97.7	26.2	2.0	2.0	7.7	13.6	7.2	**14.8**	-4.2	56.7
							650	98.5	26.6	1.9	1.8	7.7	13.7	7.5	**15.2**	-4.1	57.1
							675	99.1	26.8	1.9	1.7	7.6	13.9	7.7	**15.3**	-4.1	57.0
							700	99.5	27.1	1.9	1.6	7.6	14.1	7.9	**15.5**	-4.1	57.0
							725	99.8	27.1	2.0	1.6	7.5	14.1	8.0	**15.5**	-4.1	57.3
							750	100	27.0	2.1	1.6	7.5	14.3	8.2	**15.7**	-4.6	58.1
							775	100	26.7	2.3	1.7	7.0	14.3	8.4	**15.4**	-4.7	57.6
							800	100	26.8	2.5	1.9	6.4	14.3	8.6	**15.0**	-4.3	55.9
							825	100	25.9	3.0	2.2	5.6	14.2	8.8	**14.4**	-4.9	55.6
							850	100	25.4	3.8	3.0	4.3	14.3	8.8	**13.1**	-5.0	51.6
155	Bayesian-3	Na	Ce	Nd	TiO_2	0.13	500	0.8	1.7	0.0	0.2	0.0	0.0	0.0	0.0	1.5	
							525	1.8	3.1	0.0	0.2	0.0	0.0	0.0	0.0	2.9	
							550	1.8	2.9	0.0	0.1	0.0	0.0	0.0	0.0	2.8	
							575	2.8	3.8	0.0	0.1	0.0	0.0	0.0	0.0	3.7	
							600	2.7	3.4	0.0	0.1	0.0	0.0	0.0	0.0	3.3	
							625	3.1	3.8	0.0	0.0	0.0	0.1	0.0	0.0	3.7	
							650	3.6	3.5	0.1	0.1	0.0	0.1	0.0	0.0	3.2	
							675	5.0	4.0	0.1	0.2	0.1	0.2	0.0	0.1	3.5	
							700	6.9	4.5	0.2	0.4	0.1	0.4	0.0	0.1	3.6	
							725	10.2	5.6	0.4	0.8	0.4	0.7	0.0	0.4	3.7	
							750	16.9	7.7	0.7	1.4	0.8	1.3	0.2	1.0	4.0	
							775	32.2	11.5	1.3	2.7	1.9	2.9	1.0	2.9	3.0	
							800	100	30.4	1.9	4.1	4.6	11.2	6.5	**11.1**	4.0	36.7
							825	100	30.4	2.1	4.6	4.4	10.9	7.0	**11.4**	3.5	37.3
							850	100	29.9	2.8	5.7	3.6	10.5	6.8	**10.4**	3.3	34.8
156	Bayesian-3	Na	Ce	Sm	TiO_2	0.16	500	0.2	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.6	
							525	1.5	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.7	

							550	1.5	1.7	0.0		0.1	0.0	0.0	0.0	0.0	1.6	
							575	1.6	1.6	0.0		0.1	0.0	0.0	0.0	0.0	1.5	
							600	1.7	1.4	0.0		0.1	0.0	0.0	0.0	0.0	1.3	
							625	2.6	2.1	0.0		0.1	0.0	0.1	0.0	0.0	2.0	
							650	3.5	2.1	0.1		0.1	0.0	0.1	0.0	0.0	1.8	
							675	4.6	3.1	0.2		0.3	0.1	0.2	0.0	0.1	2.6	
							700	6.9	3.8	0.3		0.5	0.2	0.4	0.0	0.2	2.7	
							725	10.4	4.3	0.5		0.9	0.5	0.8	0.1	0.6	1.9	
							750	18.2	6.6	0.9		1.5	1.3	1.6	0.4	1.7	1.8	
							775	36.7	13.1	1.6		2.7	2.7	3.5	1.8	4.6	2.3	
							800	100	30.8	1.8		4.0	5.2	10.9	8.1	**13.2**	2.6	43.0
							825	100	30.7	2.1		4.8	4.7	10.4	8.2	**12.9**	2.5	42.0
							850	100	30.1	3.0		10.8	3.6	9.8	7.4	**11.0**	-1.6	36.7
157	Bayesian-3	Ba	La	None	Y_2O_3	0.56	500	1.2	1.0	0.1		0.1	0.0	0.1	0.0	0.0	0.8	
							525	3.1	2.1	0.3		0.4	0.0	0.2	0.0	0.0	1.5	
							550	6.4	3.1	0.6		0.8	0.0	0.6	0.0	0.0	1.7	
							575	16.4	5.7	1.7		2.1	0.1	1.7	0.0	0.1	1.9	
							600	40.2	11.9	3.6		3.8	1.3	5.2	0.4	1.7	1.2	
							625	91.8	29.6	2.4		2.3	6.9	11.7	7.1	**14.0**	1.6	47.3
							650	94.0	29.6	2.4		2.1	7.1	12.2	7.6	**14.7**	0.6	49.5
							675	95.9	30.5	2.4		2.0	7.0	12.4	7.8	**14.8**	1.3	48.6
							700	97.3	31.1	2.4		1.9	6.9	12.6	8.0	**14.8**	1.9	47.7
							725	98.3	30.5	2.4		1.8	6.8	12.8	8.2	**15.0**	0.9	49.3
							750	98.8	32.1	2.4		2.0	6.7	12.9	8.5	**15.1**	2.1	47.1
							775	99.2	30.8	2.7		2.1	6.4	12.9	8.8	**15.2**	0.6	49.4
							800	99.4	31.8	2.8		2.0	5.9	12.8	8.9	**14.8**	2.2	46.5
							825	99.6	31.5	3.1		2.2	5.3	12.9	9.1	**14.4**	2.1	45.5
							850	99.8	31.2	3.7		2.7	4.3	12.9	9.0	**13.3**	2.2	42.7
158	Bayesian-3	Na	Mg	W	TiO_2	0.05	500	-0.3	0.0	0.0		0.1	0.0	0.0	0.0	0.0	-0.1	
							525	0.4	0.4	0.0		0.1	0.0	0.0	0.0	0.0	0.3	
							550	1.3	1.4	0.0		0.1	0.0	0.0	0.0	0.0	1.3	
							575	1.5	2.2	0.0		0.1	0.0	0.0	0.0	0.0	2.1	
							600	2.0	2.7	0.0		0.1	0.0	0.0	0.0	0.0	2.6	
							625	2.3	2.7	0.0		0.1	0.0	0.0	0.0	0.0	2.6	
							650	2.5	3.1	0.0		0.0	0.0	0.0	0.0	0.0	3.0	
							675	3.0	3.2	0.0		0.0	0.1	0.0	0.0	0.1	3.0	
							700	3.4	3.0	0.0		0.0	0.2	0.1	0.0	0.2	2.6	

							725	4.7	3.3	0.1	0.3	0.5	0.1	0.1	0.5	2.4	
							750	7.5	4.4	0.1	0.7	0.9	0.2	0.2	1.1	2.5	
							775	11.9	5.3	0.3	1.4	1.6	0.2	0.7	2.3	1.4	
							800	21.6	8.6	0.5	2.7	2.2	0.3	1.7	3.9	1.6	
							825	37.9	15.2	0.9	5.0	2.5	0.6	3.3	**5.7**	3.8	37.7
							850	61.7	21.6	1.3	8.7	2.2	1.2	5.0	**7.2**	4.5	33.1
159	Refernce	None	None	None	TiO_2	0.15	500	-2.5	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	-3.0	
							525	-2.0	-2.2	0.0	0.0	0.0	0.0	0.0	0.0	-2.3	
							550	-0.9	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	
							575	-0.9	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-1.5	
							600	-0.6	-1.4	0.1	0.0	0.0	0.0	0.0	0.0	-1.5	
							625	0.6	-1.0	0.1	0.0	0.0	0.0	0.0	0.0	-1.1	
							650	2.6	-0.5	0.3	0.8	0.0	0.1	0.0	0.0	-1.4	
							675	6.2	0.7	0.5	1.5	0.1	0.1	0.0	0.1	-1.1	
							700	13.4	2.8	0.8	2.9	0.3	0.2	0.1	0.4	-0.7	
							725	27.9	7.1	1.5	5.6	0.7	0.6	0.3	1.0	-0.1	
							750	56.8	14.2	2.8	10.9	1.0	1.5	0.9	1.8	0.0	
							775	95.2	23.2	4.0	17.2	0.8	3.1	1.7	2.5	0.4	
							800	100	25.7	4.3	17.9	1.0	3.1	3.2	4.2	0.5	
							825	100	27.4	5.3	18.1	1.0	3.2	4.5	5.4	0.7	19.8
							850	100	28.9	6.8	18.8	0.8	3.2	4.9	5.7	1.1	19.7
160	Refernce	None	None	None	SiO_2	0.14	500	-0.8	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	
							525	-1.2	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	
							550	-0.8	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	
							575	-0.6	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	
							600	-0.2	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	
							625	1.3	-0.1	0.0	0.0	0.1	0.0	0.0	0.1	-0.3	
							650	3.4	0.3	0.1	0.6	0.3	0.1	0.0	0.3	-0.6	
							675	8.0	1.8	0.3	1.3	0.7	0.1	0.2	0.8	-0.4	
							700	15.0	4.7	0.5	2.4	1.1	0.2	0.5	1.7	0.5	
							725	22.0	7.2	0.7	3.7	1.5	0.3	1.1	2.6	0.7	
							750	28.2	9.5	0.9	4.7	1.7	0.4	1.6	3.3	1.1	
							775	33.1	11.7	1.2	5.5	1.8	0.4	2.1	3.9	1.8	
							800	38.9	13.7	1.5	6.5	1.9	0.5	2.5	4.4	2.2	
							825	49.3	16.2	2.2	8.6	2.0	0.8	3.4	5.4	1.4	33.3
							850	67.8	21.1	3.6	12.1	1.8	1.4	4.7	6.5	1.1	30.9
161	Refernce	None	None	None	MgO	0.12	500	-2.6	-3.4	0.0	0.2	0.0	0.0	0.0	0.0	-3.6	

							525	-2.7	-3.3	0.0	0.2	0.0	0.0	0.0	0.0	-3.5	
							550	-2.5	-3.2	0.1	0.2	0.0	0.0	0.0	0.0	-3.4	
							575	-1.8	-2.6	0.1	0.1	0.0	0.1	0.0	0.0	-2.8	
							600	-0.9	-2.5	0.2	0.1	0.0	0.1	0.0	0.0	-2.7	
							625	0.7	-1.9	0.3	0.1	0.0	0.2	0.0	0.0	-2.2	
							650	2.6	-1.0	0.4	0.1	0.0	0.3	0.0	0.0	-1.4	
							675	5.0	-0.6	0.6	1.1	0.1	0.5	0.0	0.1	-2.3	
							700	8.6	0.4	0.8	1.6	0.1	0.8	0.0	0.1	-2.1	
							725	13.6	1.6	1.0	2.2	0.3	1.2	0.1	0.3	-2.2	
							750	19.9	3.6	1.2	2.8	0.6	1.7	0.2	0.8	-1.6	
							775	27.8	6.0	1.6	3.6	1.1	2.4	0.5	1.7	-1.6	
							800	38.2	9.9	2.2	4.4	1.8	3.4	1.4	3.2	-1.1	
							825	59.2	16.3	3.0	5.5	2.5	5.5	3.5	6.0	-0.8	37.0
							850	84.4	22.8	3.7	6.7	2.6	8.2	5.7	8.3	-0.4	36.5
162	Refernce	None	None	None	CaO	0.39	500	-2.0	-1.5	0.0	0.1	0.0	0.1	0.0	0.0	-1.6	
							525	-1.9	-2.2	0.1	0.0	0.0	0.1	0.0	0.0	-2.4	
							550	-0.7	-1.8	0.2	0.0	0.0	0.2	0.0	0.0	-2.0	
							575	1.4	-1.5	0.4	0.0	0.0	0.5	0.0	0.0	-2.0	
							600	5.7	-0.9	0.7	0.0	0.0	1.0	0.0	0.0	-1.9	
							625	15.4	1.6	1.3	0.9	0.0	2.1	0.0	0.0	-1.5	
							650	46.4	8.2	3.6	3.0	0.4	6.9	0.1	0.4	-2.1	
							675	74.7	16.4	4.3	4.1	2.6	10.9	1.4	3.9	-2.5	
							700	89.9	22.7	3.3	3.6	4.5	12.5	4.4	8.9	-2.3	39.3
							725	93.5	23.5	3.3	3.5	4.6	13.9	4.8	9.4	-3.2	39.8
							750	96.2	24.6	3.2	3.3	4.6	12.9	5.3	9.9	-1.5	40.2
							775	97.7	24.9	3.2	3.2	4.5	13.0	5.6	10.2	-1.3	40.7
							800	98.8	25.5	3.3	3.1	4.4	13.2	6.2	10.6	-1.3	41.4
							825	99.7	26.3	3.5	3.2	4.0	13.2	6.7	10.8	-0.9	40.9
							850	100	26.1	4.0	3.7	3.4	13.2	7.1	10.5	-1.3	40.4
163	Refernce	None	None	None	La_2O_3	0.71	500	2.4	-1.4	0.5	0.1	0.0	1.0	0.0	0.0	-2.5	
							525	81.3	20.8	3.0	4.6	4.8	9.6	3.8	8.7	-2.1	41.7
							550	84.3	22.1	3.0	4.5	5.4	10.2	4.4	9.8	-2.4	44.4
							575	87.0	23.7	2.9	4.3	5.8	10.5	4.9	10.7	-1.8	45.1
							600	89.6	24.9	2.8	4.2	6.0	10.7	5.4	11.4	-1.4	46.1
							625	92.2	25.8	2.8	4.0	6.3	11.1	5.9	12.2	-1.5	47.5
							650	94.5	26.3	2.8	3.9	6.4	11.5	6.4	12.9	-1.9	48.9
							675	96.4	27.2	2.8	3.8	6.5	11.7	6.8	13.3	-1.5	48.7

							700	97.7	27.9	2.8	3.6	6.4	11.9	7.1	13.5	-1.2	48.4
							725	96.5	27.6	2.9	3.6	6.2	12.0	7.1	13.3	-1.3	48.4
							750	98.7	27.9	3.0	3.5	6.3	12.4	7.6	13.9	-2.0	50.0
							775	99.5	28.1	3.2	3.5	6.1	12.4	7.9	14.0	-1.8	49.7
							800	99.8	28.2	3.5	3.7	5.6	12.5	8.2	13.8	-1.8	49.0
							825	99.9	28.2	3.9	4.0	5.0	12.5	8.3	13.3	-1.7	47.3
							850	100	27.7	4.7	4.6	4.0	12.5	8.3	12.3	-1.8	44.6
164	Refernce	None	None	None	BaO	0.09	500	-2.0	-1.2	0.0	0.1	0.0	0.0	0.0	0.0	-1.3	
							525	-1.7	-1.1	0.0	0.1	0.0	0.0	0.0	0.0	-1.2	
							550	-1.2	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	-0.4	
							575	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
							600	-0.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	
							625	0.2	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.3	
							650	1.2	0.9	0.1	0.0	0.0	0.2	0.0	0.0	0.6	
							675	2.6	1.1	0.2	0.0	0.1	0.4	0.0	0.1	0.6	
							700	5.4	1.9	0.3	0.0	0.2	0.8	0.0	0.2	0.9	
							725	10.2	3.0	0.5	0.0	0.4	1.6	0.0	0.4	1.0	
							750	18.4	5.2	0.8	0.4	0.8	2.7	0.2	1.0	1.0	
							775	20.1	6.1	1.0	0.6	1.6	2.8	0.5	2.2	0.5	
							800	23.1	9.5	1.4	1.1	2.9	2.5	1.8	4.7	1.2	
							825	87.5	27.4	2.5	2.6	4.4	10.3	8.1	12.5	2.0	45.6
							850	96.0	29.2	2.9	2.9	3.8	11.5	8.6	12.5	2.3	42.7
165	Refernce	None	None	None	ZnO	0.40	500	-2.2	-4.1	0.2	0.1	0.0	0.2	0.0	0.0	-4.5	
							525	-0.3	-2.6	0.3	0.0	0.0	0.4	0.0	0.0	-3.1	
							550	0.5	-2.6	0.3	0.0	0.0	0.6	0.0	0.0	-3.2	
							575	2.6	-1.9	0.4	0.1	0.0	0.9	0.0	0.0	-2.9	
							600	5.7	-1.3	0.5	0.2	0.0	1.4	0.0	0.0	-2.9	
							625	11.9	-0.2	0.6	0.3	0.1	2.3	0.0	0.1	-2.9	
							650	24.6	2.1	0.7	0.4	0.3	4.3	0.0	0.3	-2.9	
							675	57.8	11.1	0.4	0.4	3.2	9.0	0.9	4.1	-2.4	
							700	97.8	21.0	0.1	0.3	5.5	14.5	3.2	8.7	-2.5	41.3
							725	99.8	21.2	0.2	0.3	5.1	14.8	3.1	8.2	-2.1	38.5
							750	100	20.6	0.3	0.4	4.6	15.0	2.9	7.5	-2.3	36.3
							775	100	20.2	0.6	0.6	4.0	15.2	2.5	6.5	-2.1	32.3
							800	100	20.0	0.9	0.8	3.2	15.2	2.1	5.3	-1.3	26.7
							825	100	18.2	1.3	1.3	2.5	15.5	1.9	4.3	-2.9	
							850	100	17.3	2.1	2.2	1.5	15.5	1.7	3.2	-3.7	

[a)]H_2O weight collected in the trap located after the reactor tube includes the sum of water production during pre-treatment and reaction. [b)]**Bold C_2 yield** values were applied as input data for the next ML prediction; careless data managements such as missing and/or duplication into the input dataset are highlighted by blue color. Also, **asterisk (*)** values are selected as input data because none/Y_2O_3 and LiMoCe/MgO is rare-support and significantly-inactive catalyst, respectively. Exact dataset for ML can be seen in the **List 0.csv**, in ESI. [c)]When the C_2 yield lower than 5.0%, C_2 selectivity is not displayed.

Table S4 Reproducibility tests of the OCM performance of M1-M2-M3/Support catalysts (in part) under the flow of $CH_4/O_2/N_2$ = 21.0/7.0/3.0 ml min^{-1}

Cat. No.	M1	M2	M3	Support	H_2O /g	Temp /℃	O_2 Conv. /%	CH_4 Conv. /%	H_2 yield /%	CO yield /%	C_2H_6 yield /%	CO_2 yield /%	C_2H_4 yield /%	C_2 yield /%	C missing /%	C_2 sel /%	σ /%	|Diff in C_2 yield| /%
66	K	Rb	Ba	ZnO	0.21	500	-3.7	-3.6	0.0	0.0	0.0	0.0	0.0	0.0	-3.6		0.0	0.0
						525	-3.3	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	-3.1		0.0	0.0
						550	-3.3	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	-3.0		0.0	0.0
						575	-2.7	-2.8	0.0	0.0	0.0	0.1	0.0	0.0	-2.9		0.0	0.0
						600	-2.4	-2.9	0.1	0.0	0.0	0.2	0.0	0.0	-3.1		0.0	0.0
						625	-1.3	-2.4	0.2	0.0	0.0	0.3	0.0	0.0	-2.7		0.0	0.0
						650	0.0	-2.1	0.3	0.1	0.1	0.5	0.0	0.1	-2.9		0.0	0.0
						675	2.1	-1.6	0.5	0.2	0.3	0.9	0.0	0.3	-3.0		0.0	0.0
						700	6.0	-0.3	0.7	0.3	0.9	1.5	0.1	1.0	-3.0		0.1	0.1
						725	13.0	1.9	1.0	0.4	1.8	2.5	0.4	2.3	-3.2		0.1	0.2
						750	31.9	7.6	1.6	0.4	3.3	5.2	1.8	5.1	-3.1	66.9	0.1	0.1
						775	95.8	26.0	0.8	0.2	6.6	13.0	8.1	14.7	-1.9	56.6	0.1	0.2
						800	99.0	26.9	0.7	0.1	6.5	13.5	8.1	14.6	-1.3	54.3	0.1	0.2
						825	99.8	25.8	0.7	3.8	5.9	13.8	8.0	13.9	-5.8	54.1	0.2	0.5
						850	100	23.8	0.9	2.3	4.5	14.3	7.2	11.6	-4.5	48.9	0.5	0.9
76	Ti	Sm	Bi	BaO	0.22	500	1.5	-0.3	0.0	0.1	0.0	0.1	0.0	0.0	-0.4		0.0	0.0
						525	2.5	1.4	0.0	0.1	0.0	0.1	0.0	0.0	1.2		0.0	0.0
						550	3.0	1.8	0.0	0.1	0.0	0.2	0.0	0.0	1.5		0.0	0.0
						575	3.8	1.9	0.0	0.1	0.0	0.3	0.0	0.0	1.5		0.0	0.0
						600	5.1	2.1	0.0	0.1	0.0	0.5	0.0	0.0	1.6		0.0	0.0
						625	7.7	2.6	0.0	0.1	0.0	0.9	0.0	0.0	1.7		0.0	0.0
						650	11.8	3.2	0.0	0.0	0.1	1.6	0.0	0.1	1.5		0.0	0.0
						675	22.5	5.7	0.1	0.0	0.6	3.2	0.1	0.7	1.7		0.0	0.0
						700	21.5	5.7	0.1	0.1	0.9	3.0	0.1	1.0	1.6		0.1	0.1
						725	36.8	10.6	0.1	0.1	2.9	4.9	1.1	4.0	1.6		0.4	0.8
						750	31.0	9.3	0.1	0.1	2.7	4.0	0.9	3.6	1.5		0.1	0.3
						775	71.4	22.3	0.2	0.3	5.5	8.5	5.5	11.0	2.6	49.2	0.7	1.4
						800	80.4	24.8	0.3	0.4	5.4	9.7	6.4	11.8	2.8	47.8	0.8	1.6
						825	86.3	24.5	0.4	0.6	5.1	10.7	7.0	12.1	1.2	49.2	0.5	1.1
						850	93.2	25.0	0.5	0.8	4.2	11.8	6.9	11.0	1.3	44.1	0.4	0.8
80	Sm	Bi	None	BaO	0.25	500	1.4	0.5	0.0	0.1	0.0	0.1	0.0	0.0	0.3		0.0	0.0
						525	2.5	1.3	0.0	0.1	0.0	0.2	0.0	0.0	1.1		0.0	0.0
						550	3.7	2.0	0.0	0.1	0.0	0.3	0.0	0.0	1.5		0.0	0.0
						575	5.4	2.4	0.0	0.1	0.0	0.6	0.0	0.0	1.8		0.0	0.0

						600	8.0	2.7	0.0	0.1	0.0	1.0	0.0	0.0	1.6		0.0	0.0
						625	14.6	3.9	0.0	0.1	0.0	2.0	0.0	0.0	1.8		0.0	0.0
						650	13.2	3.6	0.0	0.1	0.1	1.8	0.0	0.1	1.7		0.0	0.0
						675	47.3	11.1	0.0	0.1	2.0	6.9	0.5	2.5	1.6		1.0	2.0
						700	21.8	5.5	0.1	0.1	0.6	3.1	0.1	0.7	1.7		0.4	0.8
						725	37.1	9.5	0.1	0.2	2.1	5.2	0.5	2.6	1.5		0.4	0.8
						750	27.6	8.0	0.1	0.2	2.0	3.7	0.5	2.4	1.8		2.1	4.2
						775	52.1	16.7	0.1	0.2	4.9	6.4	2.9	7.8	2.3	46.7	1.4	2.7
						800	85.4	26.2	0.2	0.3	5.9	10.5	6.4	12.3	3.1	47.0	0.1	0.2
						825	91.7	26.9	0.4	0.3	5.5	11.5	6.6	12.2	3.0	45.2	0.0	0.1
						850	96.0	67.5	0.2	0.1	1.9	5.0	2.4	4.4	57.9	6.5	3.0	5.9
85	Ti	Sm	W	BaO	0.21	500	3.3	2.0	0.0	0.0	0.0	0.1	0.0	0.0	1.9		0.0	0.0
						525	1.9	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.4		0.0	0.0
						550	3.7	2.0	0.1	0.0	0.0	0.3	0.0	0.0	1.7		0.0	0.0
						575	4.8	2.2	0.1	0.0	0.0	0.4	0.0	0.0	1.8		0.0	0.0
						600	6.1	2.5	0.2	0.0	0.0	0.7	0.0	0.0	1.8		0.0	0.0
						625	9.0	3.1	0.2	0.1	0.0	1.1	0.0	0.0	1.8		0.0	0.0
						650	14.7	4.0	0.4	0.1	0.0	2.1	0.0	0.0	1.7		0.0	0.0
						675	20.0	4.9	0.4	0.1	0.1	2.9	0.0	0.1	1.8		0.0	0.0
						700	26.6	6.5	0.4	0.1	0.3	3.9	0.0	0.4	2.1		0.0	0.0
						725	32.2	8.4	0.4	0.2	1.4	4.5	0.3	1.7	1.9		0.1	0.1
						750	32.3	10.3	0.4	0.3	2.8	4.1	0.9	3.7	2.2		0.2	0.4
						775	26.9	10.5	0.5	0.5	3.3	2.8	1.4	4.7	2.6		0.3	0.5
						800	79.9	26.8	1.2	1.5	5.3	8.5	7.9	13.3	3.5	49.4	2.2	4.3
						825	90.2	29.4	1.3	1.5	5.1	9.9	8.9	14.0	4.0	47.6	0.2	0.4
						850	95.4	30.0	1.6	2.0	4.4	10.9	8.6	12.9	4.2	43.1	0.4	0.8
88	Na	Ba	Pb	BaO	0.27	500	1.4	0.1	0.0	0.1	0.0	0.1	0.0	0.0	-0.1		0.0	0.0
						525	3.1	0.3	0.0	0.1	0.0	0.2	0.0	0.0	0.0		0.0	0.0
						550	4.6	2.1	0.0	0.1	0.0	0.4	0.0	0.0	1.7		0.0	0.0
						575	6.7	2.2	0.1	0.0	0.0	0.7	0.0	0.0	1.4		0.0	0.0
						600	10.4	2.4	0.1	0.0	0.0	1.3	0.0	0.0	1.0		0.0	0.0
						625	15.1	5.5	0.1	0.0	0.0	1.7	0.0	0.0	3.8		0.0	0.0
						650	16.6	4.2	0.0	0.0	0.1	2.2	0.0	0.1	1.9		0.0	0.0
						675	12.5	3.3	0.0	0.0	0.1	1.6	0.0	0.1	1.6		0.0	0.1
						700	20.3	4.1	0.1	0.0	0.3	3.0	0.0	0.4	0.7		0.1	0.1
						725	42.4	11.4	0.0	0.1	1.6	5.8	0.4	2.0	3.5		0.5	1.0
						750	55.2	14.1	0.1	0.1	3.7	7.1	1.7	5.4	1.5	38.3	0.6	1.1

						775	51.3	16.1	0.3	0.4	4.6	6.2	2.8	7.5	2.0	46.4	0.5	1.0
						800	84.5	25.9	0.5	0.7	6.1	10.1	6.6	12.7	2.4	49.2	0.2	0.4
						825	96.3	27.2	0.7	0.8	5.6	11.8	7.6	13.2	1.5	48.4	0.1	0.2
						850	99.5	26.2	0.8	0.9	4.2	12.7	6.7	11.0	1.7	41.9	0.5	1.0
91	Mg	Ti	Sr	La_2O_3	0.86	500	97.1	28.5	2.9	3.3	6.9	12.4	5.5	12.4	0.3	43.6	1.5	2.9
						525	96.9	28.2	3.1	3.4	6.9	12.5	5.2	12.2	0.1	43.1	1.1	2.2
						550	96.0	28.8	3.3	3.4	6.9	12.4	5.0	11.8	1.2	41.0	1.0	2.0
						575	90.6	26.1	3.5	3.5	6.1	11.8	4.5	10.5	0.2	40.4	0.4	0.9
						600	93.3	27.4	3.2	3.3	6.5	12.0	5.3	11.8	0.3	43.0	0.7	1.5
						625	95.4	28.2	3.0	3.0	6.6	12.2	6.0	12.7	0.3	44.9	1.2	2.5
						650	96.9	28.8	2.8	2.8	6.6	12.4	6.5	13.2	0.5	45.6	0.8	1.6
						675	97.9	29.1	2.7	2.7	6.6	12.5	7.0	13.6	0.4	46.5	0.5	0.9
						700	98.6	28.6	2.6	2.5	6.5	12.6	7.3	13.8	-0.3	48.2	0.3	0.6
						725	99.1	29.7	2.6	2.5	6.4	12.8	7.6	13.9	0.6	46.9	0.2	0.4
						750	99.5	29.5	2.7	2.4	6.2	12.8	7.7	13.9	0.3	47.3	0.0	0.1
						775	99.7	29.5	2.8	2.5	6.0	12.9	7.9	13.8	0.4	46.9	0.1	0.3
						800	99.8	29.4	3.0	2.6	5.6	12.9	8.1	13.7	0.2	46.5	0.1	0.1
						825	99.9	29.2	3.4	2.9	5.0	13.0	8.2	13.2	0.2	45.1	0.2	0.4
						850	100	23.9	4.5	3.9	4.2	13.4	8.5	12.7	-6.0	53.0	0.0	0.0
95	Ca	Ti	Sr	La_2O_3	0.86	500	89.0	25.5	2.8	3.4	5.8	11.3	5.2	11.0	-0.3	43.3	0.3	0.5
						525	90.5	26.2	2.7	3.2	6.2	11.6	5.8	12.0	-0.7	46.0	0.2	0.3
						550	91.9	26.8	2.5	3.0	6.5	11.6	6.2	12.6	-0.5	47.1	0.2	0.4
						575	93.0	27.2	2.5	2.9	6.7	11.8	6.4	13.1	-0.6	48.1	0.3	0.6
						600	94.2	27.7	2.5	2.8	6.8	12.0	6.7	13.5	-0.5	48.6	0.1	0.3
						625	90.7	25.9	3.4	3.9	5.6	11.5	5.6	11.2	-0.7	43.2	1.2	2.4
						650	92.9	27.0	3.3	3.6	5.8	11.7	6.3	12.2	-0.4	45.0	0.9	1.8
						675	95.2	27.8	3.1	3.3	6.0	12.1	7.1	13.1	-0.7	47.1	0.6	1.2
						700	97.0	28.7	3.1	3.0	6.1	12.4	7.6	13.6	-0.3	47.5	0.4	0.9
						725	98.4	29.1	3.1	2.8	6.1	12.8	7.9	14.1	-0.5	48.3	0.3	0.7
						750	99.1	29.4	3.1	2.7	6.0	12.9	8.1	14.1	-0.3	48.0	0.3	0.7
						775	99.6	28.9	3.3	2.8	5.7	13.1	8.3	14.1	-1.0	48.6	0.3	0.6
						800	99.8	28.6	3.6	3.1	5.3	13.2	8.5	13.8	-1.6	48.4	0.4	0.8
						825	99.9	28.6	4.2	3.5	4.6	13.2	8.6	13.2	-1.3	46.2	0.5	0.9
						850	100	28.1	5.4	4.7	3.6	13.1	8.3	11.9	-1.5	42.2	0.7	1.4
95	Ca	Ti	Sr	La_2O_3	0.81	500	86.8	24.0	3.5	3.5	5.7	11.6	4.2	9.9	-1.1	41.5	0.8	1.6
						525	86.0	22.6	4.2	3.8	5.4	12.0	3.5	8.8	-2.0	39.1	1.4	2.9
						550	87.3	23.5	4.4	3.9	5.5	12.2	3.5	8.9	-1.5	38.1	1.7	3.3

						575	87.5	23.8	4.2	3.8	5.5	12.1	3.8	9.3	-1.4	39.3	1.6	3.2
						600	91.5	26.2	3.6	3.5	6.4	12.2	5.3	11.7	-1.2	44.5	0.8	1.5
						625	94.2	27.9	3.2	3.2	6.7	12.2	6.3	13.0	-0.6	46.7	0.3	0.6
						650	95.8	28.4	3.0	3.0	6.6	12.1	6.9	13.6	-0.3	47.8	0.2	0.4
						675	97.2	28.7	2.9	2.6	6.8	12.6	7.7	14.5	-1.0	50.5	0.1	0.2
						700	98.3	29.7	2.8	2.5	6.7	12.8	8.2	14.9	-0.4	50.1	0.2	0.3
						725	99.0	29.6	2.9	2.4	6.5	12.7	8.3	14.8	-0.2	50.0	0.0	0.1
						750	99.5	29.6	3.0	2.3	6.4	13.0	8.8	15.2	-0.8	51.2	0.2	0.4
						775	99.7	30.0	3.1	2.4	6.1	13.0	9.0	15.1	-0.5	50.3	0.2	0.4
						800	99.8	30.2	3.4	2.6	5.6	13.0	9.1	14.7	-0.1	48.7	0.0	0.1
						825	100	28.9	4.0	3.0	5.0	13.2	9.1	14.1	-1.5	48.9	0.0	0.0
						850	100	28.8	4.9	4.0	3.9	13.1	8.6	12.5	-0.8	43.4	0.4	0.8
147	Na	Mg	Ce	TiO_2	0.15	500	-0.9	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	-0.9		0.0	0.0
						525	0.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1		0.0	0.0
						550	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4		0.0	0.0
						575	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3		0.0	0.0
						600	0.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9		0.0	0.0
						625	0.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9		0.0	0.0
						650	1.4	1.3	0.1	0.0	0.0	0.1	0.0	0.0	1.1		0.0	0.0
						675	2.1	1.0	0.1	0.2	0.1	0.2	0.0	0.1	0.6		0.0	0.0
						700	3.6	1.3	0.2	0.4	0.2	0.3	0.0	0.2	0.5		0.0	0.0
						725	6.2	2.0	0.4	0.8	0.4	0.5	0.0	0.4	0.2		0.0	0.0
						750	12.0	3.8	0.7	1.4	1.0	1.0	0.2	1.2	0.2		0.1	0.1
						775	24.3	8.4	1.2	2.5	2.2	2.0	1.0	3.1	0.8		0.2	0.4
						800	99.2	29.6	1.9	4.4	4.8	10.7	8.2	13.1	1.4	44.1	0.3	0.6
						825	100	29.5	2.0	5.0	4.6	10.6	8.5	13.2	0.8	44.7	0.1	0.1
						850	100	29.2	2.5	6.5	4.0	9.7	8.4	12.4	0.6	42.4	0.0	0.0
156	Na	Ce	Sm	TiO_2	0.20	500	-3.1	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	-2.6		0.0	0.0
						525	-1.7	-1.0	0.0	0.1	0.2	0.0	0.0	0.2	-1.3		0.1	0.2
						550	-0.9	-0.4	0.0	0.1	0.0	0.2	0.0	0.0	-0.6		0.0	0.0
						575	-1.0	-0.5	0.0	0.1	0.0	0.1	0.0	0.0	-0.7		0.0	0.0
						600	-0.8	-0.3	0.0	0.1	0.0	0.1	0.0	0.0	-0.5		0.0	0.0
						625	-0.1	0.0	0.0	0.1	0.0	2.0	0.0	0.0	-2.1		0.0	0.0
						650	0.5	0.3	0.1	0.1	0.0	0.7	0.0	0.0	-0.5		0.0	0.0
						675	1.4	0.5	0.1	0.0	0.0	0.2	0.0	0.0	0.2		0.0	0.0
						700	3.0	0.8	0.2	0.4	0.2	0.5	0.0	0.2	-0.3		0.0	0.0
						725	6.3	1.8	0.4	0.7	0.7	0.9	0.1	0.7	-0.6		0.1	0.1

750	12.6	4.1	0.7	1.2	1.3	1.4	0.2	1.5	-0.2		0.1	0.1
775	24.8	7.8	1.2	2.1	2.2	2.8	1.0	3.2	-0.3		0.7	1.4
800	100	29.5	1.7	4.0	5.2	11.2	8.0	13.2	1.1	44.7	0.0	0.1
825	100	29.6	2.0	4.5	5.0	10.9	8.4	13.5	0.7	45.5	0.3	0.6
850	100	28.8	2.6	5.6	4.2	10.5	8.0	12.2	0.5	42.3	0.6	1.1

The |Diff in C_2 yield| represents an absolute value of difference in C_2 yield between the 1st and 2nd (or 3rd) test data, and which might be attributed to the heterogeneity of thermal conduction in a furnace and/or gas flow through the powder catalyst bed. Also, the sum of H_2O weight collected in the trap located after the reactor tube seems to be not so far value from the 1st run (or 3rd) one. Accordingly, it is expected that comparing the basis of the best C_2 yield value and sum of H_2O is meaningful for discussion in this study.