Supporting Information

Thermal Transport in $SrSnO_3$ Revealed by First-principles Theory, Raman Thermometry and Machine Learning

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Table S1 Rietveld refinement parameters (a, b, c, χ^2, R_p, R_{wp}, and R_{exp}) for the XRD patterns and mass density calculated from Archimedes' method for $SrSnO_3$.

Parameters	Symbol	Value for $SrSnO_3$
Lattice Parameter	a	5.7 (Å)
Lattice Parameter	b	5.7 (Å)
Lattice Parameter	c	8.07 (Å)
Goodness of Fit	χ^2	5.77
Fit residuals profile factor	R_p	7.44 (%)
Fit residuals weighted profile factor	R_{wp}	6.3 (%)
Fit residuals expected profile factor	R_{exp}	2.62 (%)
Physical Property	Density	6.44 (gm/cm^3)

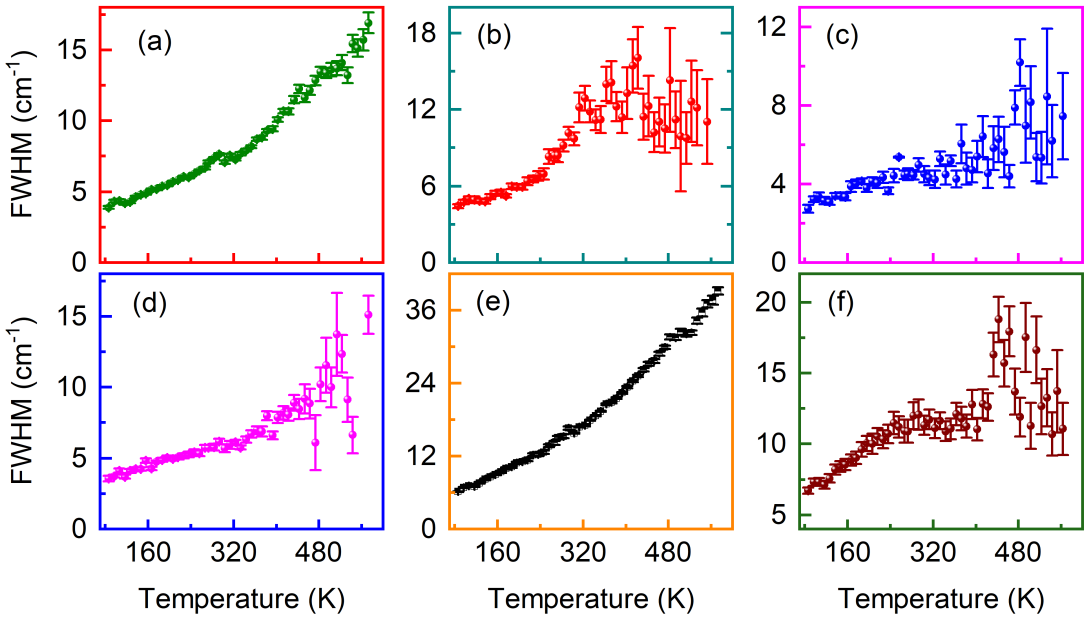

Fig. S1. Temperature-dependent full-width at half-maximum for the Raman modes (a) A_g^1, (b) B_{2g}, (c) B_{1g}, (d) A_g^2, (e) A_g^3, and (f) B_{3g} of $SrSnO_3$.

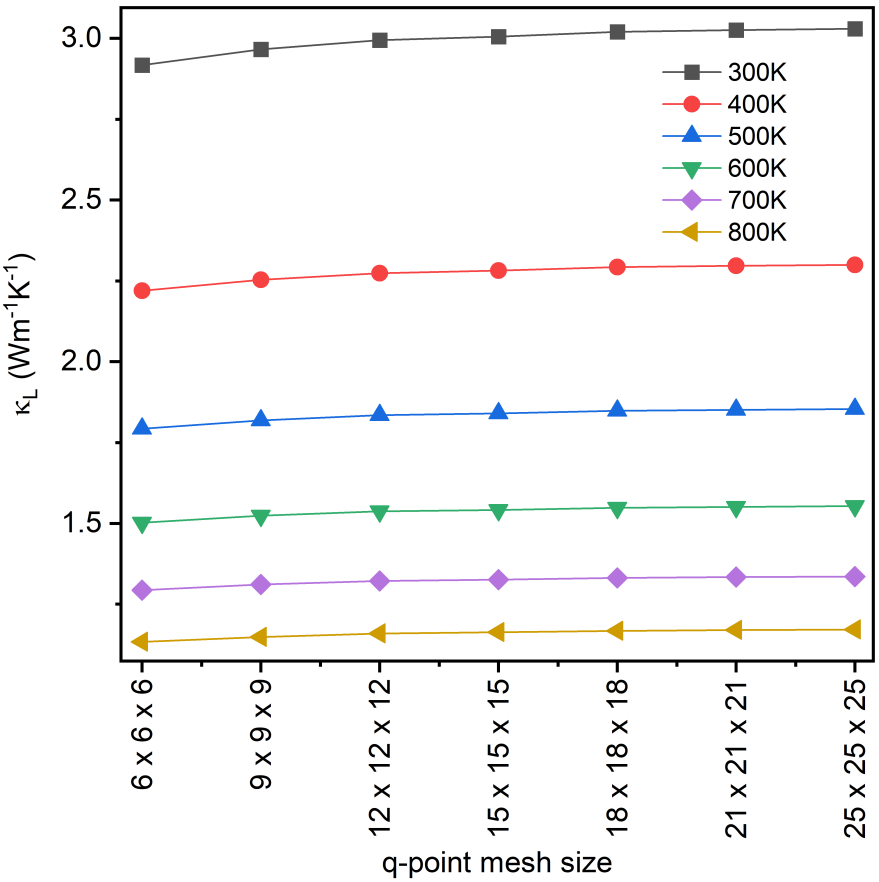

Fig. S2: Variation of lattice thermal conductivity with the q-point mesh size for $SrSnO_3$.

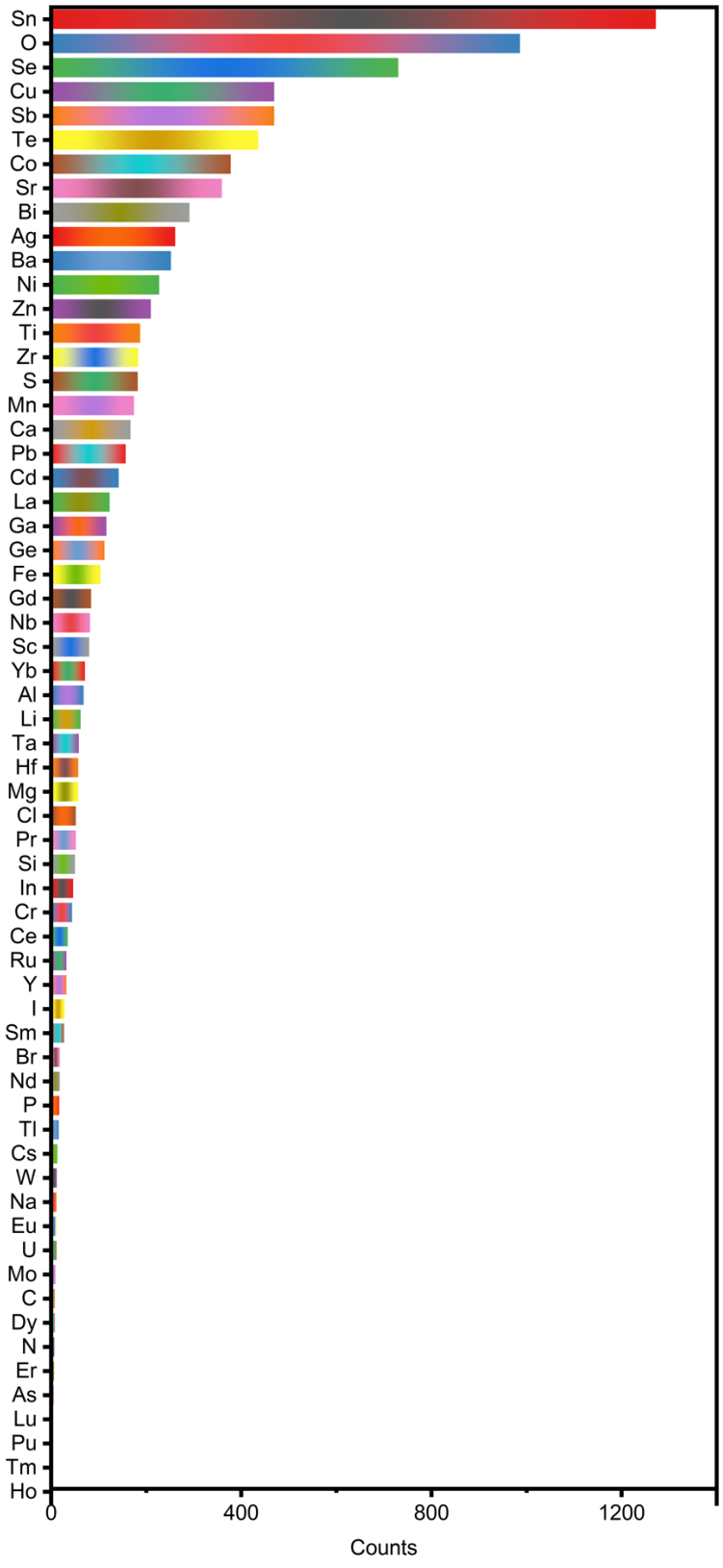

Fig. S3: Frequency of each element in the collected thermoelectric materials.

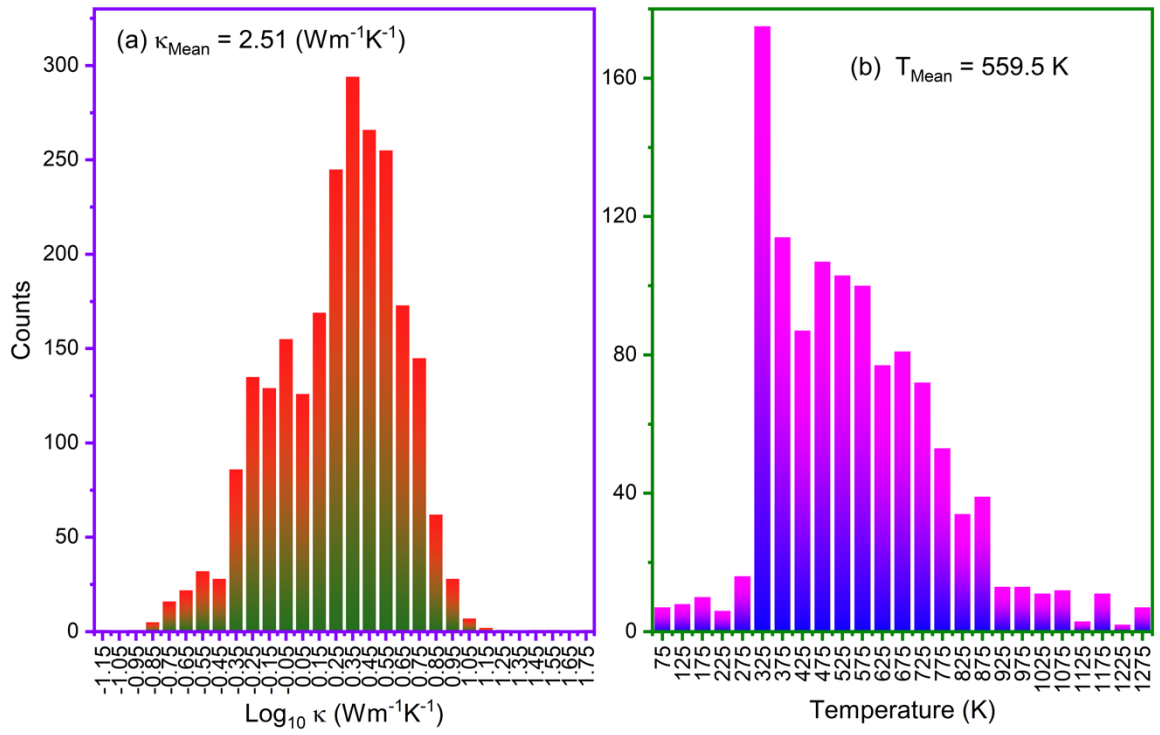

Fig. S4. Distribution of thermoelectric parameters, (a) thermal conductivity, (b) temperature of different compounds.

Table S2 Physical meanings and definitions of the machine learning descriptors.

Descriptor Label	Physical Meaning / Definition
0 norm	Number of non-zero elemental fractions in the compound.
2 norm	Euclidean distribution of elemental fractions.
3, 5, 7 norm	Higher-order mathematical norms that emphasize dominant elemental fractions.
Yang omega	Mixing thermochemistry feature capturing competitive effects of entropy and enthalpy.
Yang delta	Atomic size mismatch among constituent elements in the material.
LUMO_energy	Energy of the Lowest Unoccupied Molecular Orbital (LUMO) of the material.
LUMO_element_O	Indicates that the LUMO is primarily localized on/associated with the oxygen (O) atoms.
DemlData maximum boiling_point	Highest elemental boiling point among all constituent elements.
DemlData range boiling_point	Difference between the maximum and minimum elemental boiling points.
DemlData mean boiling_point	Composition-weighted average boiling point of all constituent elements.
DemlData range heat_fusion	Difference between the maximum and minimum elemental heats of fusion.
DemlData mean heat_fusion	Composition-weighted average heat of fusion of all constituent elements.

DemlData std_dev melting_point	Standard deviation of melting points of the constituent elements.
DemlData maximum atom_num	Largest atomic number among the constituent elements.
DemlData std_dev atom_num	Standard deviation of atomic numbers among the constituent elements.
DemlData std_dev atom mass / atom_mass	Standard deviation of atomic masses of the constituent elements.
DemlData std_dev atom_radius	Standard deviation of atomic radii of the constituent elements.
DemlData mean row_num	Composition-weighted average periodic table row number (period).
DemlData minimum first_ioniz	Smallest first ionization energy among all constituent elements.
MagpieData mean AtomicWeight	Composition-weighted average atomic mass.
MagpieData avg_dev AtomicWeight	Average deviation of atomic weights among the constituent elements.
MagpieData avg_dev Number / number	Average deviation of atomic numbers among the constituent elements.
MagpieData minimum CovalentRadius	Smallest covalent radius among all constituent elements in the compound.
MagpieData maximum SpaceGroupNumber	Highest elemental space group number among all constituent elements.
MagpieData mean SpaceGroupNumber	Composition-weighted average of the elemental space group numbers.

MagpieData range SpaceGroupNumber	Difference between the maximum and minimum elemental space group numbers.
MagpieData avg_dev SpaceGroupNumber	Average deviation of elemental space group numbers from their composition-weighted mean.
MagpieData avg_dev Row	Average deviation of periodic table row numbers among the constituent elements.
MagpieData mean NUnfilled	Composition-weighted average number of unfilled valence electrons.
MagpieData maximum NpUnfilled	Maximum number of unfilled p-orbital electrons among constituent elements.
MagpieData range NpUnfilled	Difference between the maximum and minimum number of unfilled p-orbital electrons.
MagpieData ave_dev NpUnfilled	Average deviation in the number of unfilled p-orbital electrons.
MagpieData mode Npvalence	Most common (mode) number of valence p electrons among constituent elements.
MagpieData ave_dev NpValence	Average deviation in the number of valence p electrons.
MagpieData maximum NdUnfilled	Maximum number of unfilled d-orbital electrons among constituent elements.
MagpieData avg_dev NfValence	Average deviation in the number of valence f electrons among constituent elements.

Table S3: Thermal conductivity of different compounds measured at various temperatures.

Formula	T(K)	κ ($Wm^{-1}K^{-1}$)		Formula	T(K)	κ ($Wm^{-1}K^{-1}$)
SnS	300	3.28		Ba1.9Bi0.1CoRuO6	518	1.37
SnS	423	2.16		Ba1.9Bi0.1CoRuO6	618	1.31
SnS	573	1.47		Ca0.1BaGd1.9NiO5	421	2.42
SnS	723	1.03		Ca0.1BaGd1.9NiO5	532	2.2
SnS	873	0.73		Ca0.1BaGd1.9NiO5	636	2.06
SnS	300	1.41		Ca0.1BaGd1.9NiO5	736	1.98
SnS	400	1.09		Ca0.1BaGd1.9NiO5	839	1.92
SnS	500	0.88		Ca0.1BaGd1.9NiO5	939	1.88
SnS	600	0.79		Ca0.1BaGd1.9NiO5	1037	1.83
SnS	700	0.75		Ca0.1BaGd1.9NiO5	1134	1.76
SnS	800	0.7		Ca0.2BaGd1.8NiO5	489	1.65
SrO	300	12		Ca0.2BaGd1.8NiO5	587	1.65
SrO	450	9.56		Ca0.2BaGd1.8NiO5	693	1.66
SrO	700	6.77		Ca0.2BaGd1.8NiO5	796	1.63
SrO	950	5.06		Ca0.2BaGd1.8NiO5	897	1.58
SrO	550	7.56		Ca0.2BaGd1.8NiO5	999	1.53
SrO	750	6.11		Ca0.2BaGd1.8NiO5	1095	1.51
SrO	650	6.88		Ca0.2BaGd1.8NiO5	1188	1.54
SrO	850	5.79		Ca0.2BaGd1.8NiO5	1275	1.63
SnTe	300	7.95		LiCo0.85Ni0.15O2	323	1.69
SnTe	400	7.37		LiCo0.85Ni0.15O2	423	2.03
SnTe	500	6.55		LiCo0.85Ni0.15O2	523	2.05
SnTe	600	5.61		LiCo0.85Ni0.15O2	623	1.94
SnTe	298	6.5		LiCo0.85Ni0.15O2	723	1.67
SnTe	373	6		LiCo0.85Ni0.15O2	823	1.48
SnTe	473	5.39		LiCo0.85Ni0.15O2	923	1.45
SnTe	573	5.2		LiCo0.85Ni0.15O2	1023	1.4
SnTe	673	4.79		LiCo0.92Ni0.08O2	423	1.41
SnTe	773	4.09		LiCo0.92Ni0.08O2	523	1.57
SnTe	873	3.6		LiCo0.92Ni0.08O2	623	1.48

SnSe	323	0.88		LiCo0.92Ni0.08O2	723	1.41
SnSe	373	0.77		LiCo0.92Ni0.08O2	823	1.2
SnSe	423	0.69		LiCo0.92Ni0.08O2	923	1.23
SnSe	523	0.6		LiCo0.92Ni0.08O2	1023	1.4
SnSe	573	0.62		LiCo0.96Ni0.04O2	323	2.03
SnSe	473	0.67		LiCo0.96Ni0.04O2	423	2.23
SnSe	623	0.59		LiCo0.96Ni0.04O2	523	1.98
SnSe	673	0.51		LiCo0.96Ni0.04O2	623	1.77
SnSe	723	0.58		LiCo0.96Ni0.04O2	723	1.76
SnSe	773	0.56		LiCo0.96Ni0.04O2	823	1.58
SnTe	323	10.29		LiCo0.96Ni0.04O2	923	1.47
SnTe	373	9.84		LiCo0.96Ni0.04O2	1023	1.61
SnTe	423	9.3		LiCo0.98Ni0.02O2	323	2.25
SnTe	473	8.85		LiCo0.98Ni0.02O2	423	2.49
SnTe	523	8.3		LiCo0.98Ni0.02O2	523	2.41
SnTe	573	7.67		LiCo0.98Ni0.02O2	623	2.3
SnTe	623	6.95		LiCo0.98Ni0.02O2	723	2.07
SnTe	673	6.22		LiCo0.98Ni0.02O2	823	1.97
SnTe	723	5.53		LiCo0.98Ni0.02O2	923	1.58
SnTe	773	4.87		LiCo0.98Ni0.02O2	1023	1.41
SnSe	300	1.4		Ag8Sn0.4Ga0.6Se6	328	0.21
SnSe	373	1.15		Ag8Sn0.4Ga0.6Se6	376	0.23
SnSe	423	1.02		Ag8Sn0.4Ga0.6Se6	474	0.27
SnSe	473	0.9		Ag8Sn0.4Ga0.6Se6	573	0.28
SnSe	573	0.73		Ag8Sn0.4Ga0.6Se6	671	0.3
SnSe	673	0.62		Ag8Sn0.4Ga0.6Se6	710	0.29
SnSe	723	0.61		Ag8Sn0.4Ga0.6Se6	720	0.31
SnSe	823	0.64		Ag8Sn0.5Ga0.5Se6	313	0.21
SnSe	873	0.64		Ag8Sn0.5Ga0.5Se6	388	0.22
SnTe	323	8.59		Ag8Sn0.5Ga0.5Se6	477	0.25
SnTe	423	7.27		Ag8Sn0.5Ga0.5Se6	576	0.27
SnTe	523	5.89		Ag8Sn0.5Ga0.5Se6	673	0.3

SnTe	623	4.56		Ag8Sn0.5Ga0.5Se6	702	0.29
SnTe	673	3.96		Ag8Sn0.5Ga0.5Se6	732	0.3
SnTe	723	3.44		Ag8Sn0.6Ga0.4Se6	330	0.21
SnTe	773	3.03		Ag8Sn0.6Ga0.4Se6	426	0.25
SnTe	330	8.07		Ag8Sn0.6Ga0.4Se6	523	0.26
SnTe	421	6.95		Ag8Sn0.6Ga0.4Se6	601	0.3
SnTe	519	5.67		Ag8Sn0.6Ga0.4Se6	640	0.3
SnTe	616	4.43		Ag8Sn0.6Ga0.4Se6	691	0.3
SnTe	714	3.33		Ag8Sn0.7Ga0.3Se6	313	0.22
SnTe	763	2.93		Ag8Sn0.7Ga0.3Se6	426	0.24
SnSe	300	2.33		Ag8Sn0.7Ga0.3Se6	474	0.26
SnSe	373	1.77		Ag8Sn0.7Ga0.3Se6	572	0.28
SnSe	473	1.29		Ag8Sn0.7Ga0.3Se6	640	0.32
SnSe	573	1.05		Ag8Sn0.7Ga0.3Se6	673	0.36
SnSe	673	0.89		Ag8Sn0.7Ga0.3Se6	694	0.38
SnSe	773	0.6		Ti0.995Al0.005O2	296	7
TiO2	296	6.3		CaMn0.98Nb0.02O3	380	2.55
SnSe	300	1.73		CaMn0.98Nb0.02O3	430	2.41
SnSe	373	1.41		CaMn0.98Nb0.02O3	480	2.24
SnSe	473	1.08		CaMn0.98Nb0.02O3	530	2.09
SnSe	573	0.9		CaMn0.98Nb0.02O3	580	1.97
SnSe	673	0.74		CaMn0.98Nb0.02O3	630	1.89
SnSe	773	0.63		CaMn0.98Nb0.02O3	680	1.8
SnSe	373	0.76		CaMn0.95Nb0.05O3	380	2.77
SnSe	473	0.6		CaMn0.95Nb0.05O3	430	2.75
SnSe	573	0.51		CaMn0.95Nb0.05O3	480	2.68
SnSe	673	0.43		CaMn0.95Nb0.05O3	530	2.59
SnSe	773	0.38		CaMn0.95Nb0.05O3	580	2.54
SnSe	873	0.28		CaMn0.95Nb0.05O3	630	2.45
SnSe	373	0.76		CaMn0.95Nb0.05O3	680	2.37
SnSe	473	0.61		CaMn0.92Nb0.08O3	380	2
SnSe	573	0.5		CaMn0.92Nb0.08O3	430	1.95

SnSe	673	0.43		CaMn0.92Nb0.08O3	480	1.94
SnSe	773	0.38		CaMn0.92Nb0.08O3	530	1.89
SnSe	873	0.38		CaMn0.92Nb0.08O3	580	1.86
SnSe	325	1.11		CaMn0.92Nb0.08O3	630	1.79
SnSe	335	1.07		CaMn0.92Nb0.08O3	680	1.72
SnSe	345	1.04		Pr1.8Sr0.2CoFeO6	380	0.66
SnSe	355	1.01		Pr1.8Sr0.2CoFeO6	480	0.59
SnSe	365	0.98		Pr1.8Sr0.2CoFeO6	580	0.56
SnSe	400	0.87		Pr1.8Sr0.2CoFeO6	680	0.55
SnSe	430	0.81		Pr1.6Sr0.4CoFeO6	380	0.63
SnSe	460	0.76		Pr1.6Sr0.4CoFeO6	480	0.61
SnSe	500	0.71		Pr1.6Sr0.4CoFeO6	580	0.64
SnSe	550	0.66		Pr1.6Sr0.4CoFeO6	680	0.69
SnSe	600	0.62		Ba0.95Sr0.05TiO3	300	2.35
SnSe	650	0.59		Ba0.85Sr0.15TiO3	300	3.72
SnSe	700	0.56		Sr0.95La0.05SnO3	300	4.25
ZrO2	550	4.83		Sr0.95La0.05SnO3	480	3.36
ZrO2	600	4.62		Sr0.95La0.05SnO3	580	3.12
ZrO2	650	4.42		Sr0.95La0.05SnO3	680	3.07
ZrO2	700	4.31		Sr0.95La0.05SnO3	780	2.89
YPO4	373	7.16		Sr0.97La0.03SnO3	300	4.48
YPO4	473	5.8		Sr0.97La0.03SnO3	480	3.77
YPO4	573	4.85		Sr0.97La0.03SnO3	580	3.46
YPO4	673	4.17		Sr0.97La0.03SnO3	680	3.27
YPO4	773	3.67		Sr0.97La0.03SnO3	780	3.25
HfO2	300	2.3		La0.83Sr0.17MnO3	100	3.91
SiO2	300	1.4		La0.83Sr0.17MnO3	150	3.88
TiO2	300	2.8		La0.83Sr0.17MnO3	200	3.43
TiO2	340	2.73		La0.83Sr0.17MnO3	250	2.98
TiO2	390	2.56		La0.83Sr0.17MnO3	300	2.2
TiO2	440	2.45		La0.95Ag0.05MnO3	300	9.8
TiO2	490	2.43		La0.85Ag0.15MnO3	300	10.22

TiO2	540	2.45		La0.75Ag0.25MnO3	300	11.71
BaUO3	300	1		Pr1.5Sr0.5FeCrO6	300	0.85
BaUO3	370	1		Pr1.5Sr0.5FeCrO6	380	0.82
BaUO3	470	1.09		Pr1.5Sr0.5FeCrO6	460	0.8
BaUO3	570	1.045		Pr1.5Sr0.5FeCrO6	520	0.78
BaUO3	680	1.04		Pr1.5Sr0.5FeCrO6	580	0.76
BaUO3	780	1.13		Pr1.5Sr0.5FeCrO6	640	0.75
BaUO3	880	1.09		Pr1.5Sr0.5FeCrO6	700	0.75
BaUO3	980	1.27		Cu2.05Cd0.95SnSe4	300	2.34
BaUO3	1070	1.18		Cu2.05Cd0.95SnSe4	350	1.95
BaUO3	1160	1.22		Cu2.05Cd0.95SnSe4	400	1.68
BaUO3	1260	1.18		Cu2.05Cd0.95SnSe4	450	1.39
SrCO3	260	10.88		Cu2.05Cd0.95SnSe4	500	1.15
SrCO3	400	9.24		Cu2.05Cd0.95SnSe4	550	0.96
SrCO3	500	7.44		Cu2.05Cd0.95SnSe4	600	0.83
SrCO3	620	6.65		Cu2.05Cd0.95SnSe4	650	0.7
SrCO3	660	6.38		Cu2.05Cd0.95SnSe4	700	0.61
SrCO3	720	6.08		Cu2Sn0.95Zn0.05S3	323	1.59
SrCO3	820	5.74		Cu2Sn0.95Zn0.05S3	423	1.21
SrCO3	920	5.25		Cu2Sn0.95Zn0.05S3	523	0.96
LaPO4	300	3.54		Cu2Sn0.95Zn0.05S3	623	0.76
LaPO4	350	3.24		Cu2Sn0.95Zn0.05S3	723	0.49
LaPO4	400	2.91		Bi0.92Ag0.08CuSeO	323	0.53
LaPO4	450	2.63		Bi0.92Ag0.08CuSeO	373	0.53
LaPO4	500	2.39		Bi0.92Ag0.08CuSeO	423	0.48
LaPO4	550	2.21		Bi0.92Ag0.08CuSeO	473	0.45
LaPO4	600	2.08		Bi0.92Ag0.08CuSeO	523	0.44
GdPO4	373	2.57		Bi0.92Ag0.08CuSeO	573	0.43
GdPO4	473	2.12		Bi0.92Ag0.08CuSeO	673	0.43
GdPO4	573	1.85		Bi0.92Ag0.08CuSeO	723	0.41
GdPO4	673	1.73		Bi0.92Ag0.08CuSeO	773	0.4
GdPO4	773	1.71		Bi0.94Ag0.06CuSeO	323	0.55

Fe2O3	300	7		Bi0.94Ag0.06CuSeO	373	0.55
LaCoO3	300	0.43		Bi0.94Ag0.06CuSeO	423	0.52
CaTiO3	321	4.69		Bi0.94Ag0.06CuSeO	473	0.5
CaTiO3	538	3.67		Bi0.94Ag0.06CuSeO	523	0.49
CaTiO3	432	4.03		Bi0.94Ag0.06CuSeO	573	0.48
CaTiO3	640	3.46		Bi0.94Ag0.06CuSeO	673	0.49
CaTiO3	740	3.35		Bi0.96Ag0.04CuSeO	323	0.58
CaTiO3	840	3.14		Bi0.96Ag0.04CuSeO	373	0.57
CaTiO3	1016	2.75		Bi0.96Ag0.04CuSeO	423	0.54
TiNiSn	297	4.7		Bi0.96Ag0.04CuSeO	473	0.53
TiNiSn	398	4.69		Bi0.96Ag0.04CuSeO	523	0.52
TiNiSn	498	4.8		Bi0.96Ag0.04CuSeO	573	0.51
TiNiSn	598	5.09		Bi0.96Ag0.04CuSeO	623	0.52
TiNiSn	697	5.26		Bi0.96Ag0.04CuSeO	723	0.49
TiNiSn	797	5.68		Bi0.96Ag0.04CuSeO	823	0.47
TiNiSn	871	6.32		Bi0.96Ag0.04CuSeO	873	0.47
LiCoO2	423	7.59		Cu5Sn2S6.65Cl0.35	300	2.84
LiCoO2	523	5.9		Cu5Sn2S6.65Cl0.35	415	2.4
LiCoO2	623	4.55		Cu5Sn2S6.65Cl0.35	515	2.13
LiCoO2	723	4.01		Cu5Sn2S6.65Cl0.35	617	1.85
LiCoO2	823	3.32		Cu5Sn2S6.65Cl0.35	667	1.74
LiCoO2	923	2.67		Bi0.95Ba0.05CuSeO	319	0.93
LiCoO2	1023	2.72		Bi0.95Ba0.05CuSeO	420	0.77
TiNiSn	323	4.38		Bi0.95Ba0.05CuSeO	522	0.7
TiNiSn	424	4.1		Bi0.95Ba0.05CuSeO	623	0.65
TiNiSn	526	4.05		Bi0.95Ba0.05CuSeO	725	0.63
TiNiSn	630	4.02		Bi0.95Ba0.05CuSeO	825	0.6
TiNiSn	735	4.14		Cu1.85Ag0.15SnSe3	300	0.98
ZrNiSn	376	4.22		Cu1.85Ag0.15SnSe3	400	0.7
ZrNiSn	474	3.74		Cu1.85Ag0.15SnSe3	500	0.54
ZrNiSn	573	3.57		Cu1.85Ag0.15SnSe3	600	0.41
ZrNiSn	673	3.49		Cu1.85Ag0.15SnSe3	700	0.35

ZrNiSn	771	3.59		Cu1.85Ag0.15SnSe3	800	0.31
ZrNiSn	873	3.71		Bi0.98Pb0.02CuSeO	50	3.91
ZrNiSn	972	3.95		Bi0.98Pb0.02CuSeO	100	2.64
SrHfO3	300	5.27		Bi0.98Pb0.02CuSeO	150	2.1
SrHfO3	370	4.09		Bi0.98Pb0.02CuSeO	250	1.72
SrHfO3	460	3.5		Bi0.96Pb0.04CuSeO	50	2.79
SrHfO3	570	3.18		Bi0.96Pb0.04CuSeO	100	2.34
SrHfO3	670	2.95		Bi0.96Pb0.04CuSeO	150	2.05
SrHfO3	770	2.81		Bi0.96Pb0.04CuSeO	250	1.71
SrHfO3	860	2.63		Bi0.94Pb0.06CuSeO	50	2.17
SrHfO3	960	2.72		Bi0.94Pb0.06CuSeO	100	2.17
SrHfO3	1060	2.9		Bi0.94Pb0.06CuSeO	150	1.94
SrHfO3	1160	3		Bi0.94Pb0.06CuSeO	250	1.72
SrHfO3	1250	3.04		Bi0.92Pb0.08CuSeO	50	2
SrRuO3	300	6.04		Bi0.92Pb0.08CuSeO	100	2.1
SrRuO3	370	5.86		Bi0.92Pb0.08CuSeO	150	2.05
SrRuO3	480	5.95		Bi0.92Pb0.08CuSeO	250	2
SrRuO3	580	6		Mg2Sn0.995Sb0.005	350	5.11
SrRuO3	670	6.22		Mg2Sn0.995Sb0.005	444	4.08
SrRuO3	770	6.59		Mg2Sn0.995Sb0.005	544	4.11
SrRuO3	880	6.86		Mg2Sn0.995Sb0.005	646	4.3
SrRuO3	980	7.45		GeTe80(AgSnSe2)20	300	0.51
SrRuO3	1080	8.04		Sr14.1Ga29.6Ge56.3	367	1.47
SrRuO3	1180	8.36		Sr14.1Ga29.6Ge56.3	774	1.89
SrRuO3	1260	8.63		Sr14.1Ga29.6Ge56.3	463	1.51
SrTiO3	300	9		Sr14.1Ga29.6Ge56.3	568	1.74
SrTiO3	330	8.63		Sr14.1Ga29.6Ge56.3	669	1.62
SrTiO3	370	8.01		Sr14.5Ga29.2Ge56.3	367	1.6
SrTiO3	450	6.84		Sr14.5Ga29.2Ge56.3	463	1.57
SrTiO3	560	5.95		Sr14.5Ga29.2Ge56.3	564	1.8
SrTiO3	660	5.27		Sr14.5Ga29.2Ge56.3	669	1.68
SrTiO3	760	4.9		Sr14.5Ga29.2Ge56.3	774	1.75

SrTiO3	870	4.5		Sr14.7Ga28.7Ge56.6	563	1.74
SrTiO3	970	4.18		Sr14.7Ga28.7Ge56.6	666	1.53
SrTiO3	1060	3.68		Sr14.7Ga28.7Ge56.6	772	1.51
BaZrO3	290	5.24		Sr14.8Ga28.6Ge56.6	408	2.15
BaZrO3	380	4.21		Sr14.8Ga28.6Ge56.6	510	2.16
BaZrO3	490	3.54		Sr14.8Ga28.6Ge56.6	613	2.41
BaZrO3	590	3.26		Sr14.8Ga28.6Ge56.6	711	2.23
BaZrO3	690	3.02		Ca0.05BaGd1.95NiO5	526	1.86
BaZrO3	790	2.85		Ca0.05BaGd1.95NiO5	632	1.68
BaZrO3	890	2.66		Ca0.05BaGd1.95NiO5	736	1.57
BaZrO3	990	2.58		Ca0.05BaGd1.95NiO5	839	1.5
BaZrO3	1090	2.56		Ca0.05BaGd1.95NiO5	939	1.44
BaZrO3	1190	2.66		Ca0.05BaGd1.95NiO5	1037	1.38
BaZrO3	1290	2.77		Ca0.05BaGd1.95NiO5	1134	1.3
BaCeO3	290	1.71		Ca0.05BaGd1.95NiO5	1230	1.28
BaCeO3	370	1.51		Ca0.15BaGd1.85NiO5	392	2.3
BaCeO3	470	1.27		Ca0.15BaGd1.85NiO5	513	2.04
BaCeO3	570	1.21		Ca0.15BaGd1.85NiO5	611	1.95
BaCeO3	680	1.13		Ca0.15BaGd1.85NiO5	716	1.86
BaCeO3	780	1.17		Ca0.15BaGd1.85NiO5	811	1.78
BaCeO3	880	1.13		Ca0.15BaGd1.85NiO5	907	1.72
BaCeO3	980	1.09		Ca0.15BaGd1.85NiO5	1000	1.66
SrZrO3	473	2.86		Ca0.15BaGd1.85NiO5	1084	1.62
SrZrO3	500	2.82		Ca0.15BaGd1.85NiO5	1179	1.6
SrZrO3	550	2.69		Ca0.15BaGd1.85NiO5	1275	1.57
SrZrO3	600	2.58		Ca0.25BaGd1.75NiO5	486	1.27
BaPuO3	300	1		Ca0.25BaGd1.75NiO5	579	1.3
BaPuO3	470	1.04		Ca0.25BaGd1.75NiO5	687	1.33
BaPuO3	670	1.02		Ca0.25BaGd1.75NiO5	791	1.35
BaPuO3	870	0.96		Ca0.25BaGd1.75NiO5	891	1.31
Ba3SiO	300	1.01		Ca0.25BaGd1.75NiO5	987	1.28
Ba3SiO	330	0.96		Ca0.25BaGd1.75NiO5	1087	1.26

Ba3SiO	350	0.87		Ca0.25BaGd1.75NiO5	1179	1.28
Ba3SiO	380	0.86		Ca0.25BaGd1.75NiO5	1275	1.25
Ba3SiO	400	0.84		Sn1.03Se0.08Te0.92	323	6.31
Ba3SiO	420	0.82		Sn1.03Se0.08Te0.92	423	5.43
Ba3SiO	450	0.81		Sn1.03Se0.08Te0.92	523	4.38
Ba3SiO	470	0.8		Sn1.03Se0.08Te0.92	623	3.44
Ba3SiO	500	0.7		Sn1.03Se0.08Te0.92	723	2.7
Ba3SiO	520	0.77		Sn1.03Se0.08Te0.92	823	2.52
Ba3SiO	550	0.75		Sn1.03Se0.12Te0.88	323	5.16
Ba3SiO	570	0.72		Sn1.03Se0.12Te0.88	423	4.46
Ba3SiO	600	0.71		Sn1.03Se0.12Te0.88	523	3.65
Ba3GeO	300	0.83		Sn1.03Se0.12Te0.88	623	2.89
Ba3GeO	330	0.77		Sn1.03Se0.12Te0.88	723	2.3
Ba3GeO	350	0.72		Sn1.03Se0.12Te0.88	823	2.23
Ba3GeO	380	0.68		Sn1.03Se0.15Te0.85	323	4.87
Ba3GeO	400	0.63		Sn1.03Se0.15Te0.85	423	4.28
Ba3GeO	430	0.6		Sn1.03Se0.15Te0.85	523	3.53
Ba3GeO	450	0.56		Sn1.03Se0.15Te0.85	623	2.79
Ba3GeO	470	0.53		Sn1.03Se0.15Te0.85	723	2.25
Ba3GeO	500	0.5		Sn1.03Se0.15Te0.85	823	2.17
Ba3GeO	520	0.47		Cu2Zn0.2Fe0.8SnSe4	373	1.74
Ba3GeO	540	0.45		Cu2Zn0.2Fe0.8SnSe4	473	1.28
Ba3GeO	570	0.42		Cu2Zn0.2Fe0.8SnSe4	573	0.93
Ba3GeO	600	0.42		Cu2Zn0.2Fe0.8SnSe4	673	0.78
CaZrO3	560	2.24		Cu2Zn0.2Fe0.8SnSe4	773	0.69
CaZrO3	630	2.15		Cu2Zn0.4Fe0.6SnSe4	373	1.92
CaZrO3	690	2.1		Cu2Zn0.4Fe0.6SnSe4	473	1.43
CaZrO3	750	2.07		Cu2Zn0.4Fe0.6SnSe4	573	1.06
CsSnI3	85	0.88		Cu2Zn0.4Fe0.6SnSe4	673	0.86
CsSnI3	100	0.84		Cu2Zn0.4Fe0.6SnSe4	773	0.71
CsSnI3	120	0.75		Cu2Zn0.6Fe0.4SnSe4	373	2.49
CsSnI3	150	0.53		Cu2Zn0.6Fe0.4SnSe4	473	1.76

Y2SiO5	300	3.47		Cu2Zn0.6Fe0.4SnSe4	573	1.28
Y2SiO5	470	2.54		Cu2Zn0.6Fe0.4SnSe4	673	1.03
Y2SiO5	670	2.07		Cu2Zn0.6Fe0.4SnSe4	773	0.85
BaTiO3	300	2.24		Cu2Zn0.8Fe0.2SnSe4	373	2.5
LaCrO3	300	4.2		Cu2Zn0.8Fe0.2SnSe4	473	1.54
LaCrO3	400	3.45		Cu2Zn0.8Fe0.2SnSe4	573	1.04
LaCrO3	500	2.89		Cu2Zn0.8Fe0.2SnSe4	673	0.81
LaCrO3	600	2.71		Cu2Zn0.8Fe0.2SnSe4	773	0.67
LaCrO3	700	2.47		Cu2Sn0.95Fe0.05Se3	323	3.43
Cu2SnS3	323	2.38		Cu2Sn0.95Fe0.05Se3	423	2.7
Cu2SnS3	423	1.63		Cu2Sn0.95Fe0.05Se3	523	2.31
Cu2SnS3	523	1.23		Cu2Sn0.95Fe0.05Se3	623	2.02
Cu2SnS3	623	0.98		Cu2Sn0.95Fe0.05Se3	723	1.93
Cu2SnS3	723	0.79		Cu2Sn0.95Fe0.05Se3	823	1
BiCuSeO	773	0.48		(Zr0.5Hf0.5)3Y4O12	373	1.86
BiCuSeO	323	0.61		(Zr0.5Hf0.5)3Y4O12	473	1.75
BiCuSeO	523	0.5		(Zr0.5Hf0.5)3Y4O12	573	1.69
BiCuSeO	723	0.45		(Zr0.5Hf0.5)3Y4O12	673	1.67
BiCuSeO	923	0.42		(Zr0.5Hf0.5)3Y4O12	773	1.67
BiCuSeO	323	0.81		(Sm0.5La0.5)2Zr2O7	300	1.04
BiCuSeO	373	0.72		(Sm0.5La0.5)2Zr2O7	473	1.03
BiCuSeO	423	0.66		(Sm0.5La0.5)2Zr2O7	673	0.96
BiCuSeO	473	0.61		(Sm0.5La0.5)2Zr2O7	873	0.95
BiCuSeO	523	0.57		Ba0.875Sr0.125TiO3	300	3.71
BiCuSeO	573	0.54		Pr1.75Sr0.25FeCrO6	300	0.78
BiCuSeO	623	0.52		Pr1.75Sr0.25FeCrO6	380	0.79
BiCuSeO	673	0.49		Pr1.75Sr0.25FeCrO6	460	0.77
BiCuSeO	723	0.48		Pr1.75Sr0.25FeCrO6	520	0.76
BiCuSeO	873	0.44		Pr1.75Sr0.25FeCrO6	580	0.74
BiCuSeO	319	0.78		Pr1.75Sr0.25FeCrO6	640	0.72
BiCuSeO	420	0.69		Pr1.75Sr0.25FeCrO6	700	0.7
BiCuSeO	522	0.58		Pr1.25Sr0.75FeCrO6	300	0.87

BiCuSeO	623	0.55		Pr1.25Sr0.75FeCrO6	380	0.87
BiCuSeO	725	0.54		Pr1.25Sr0.75FeCrO6	460	0.86
BiCuSeO	825	0.53		Pr1.25Sr0.75FeCrO6	520	0.85
BiCuSeO	347	0.6		Pr1.25Sr0.75FeCrO6	580	0.84
BiCuSeO	446	0.54		Pr1.25Sr0.75FeCrO6	640	0.84
BiCuSeO	542	0.5		Cu2.025Cd0.975SnSe4	300	2.67
BiCuSeO	639	0.46		Cu2.025Cd0.975SnSe4	350	2.24
BiCuSeO	737	0.38		Cu2.025Cd0.975SnSe4	400	1.88
BiCuSeO	839	0.38		Cu2.025Cd0.975SnSe4	450	1.56
BiCuSeO	100	2.85		Cu2.025Cd0.975SnSe4	500	1.31
BiCuSeO	150	2.1		Cu2.025Cd0.975SnSe4	550	1.13
BiCuSeO	250	1.54		Cu2.025Cd0.975SnSe4	600	0.99
Cs2MoO4	200	0.53		Cu2.025Cd0.975SnSe4	650	0.85
Cs2MoO4	250	0.46		Cu2.025Cd0.975SnSe4	700	0.75
Cs2MoO4	300	0.41		Bi0.985Na0.015CuSeO	300	0.81
Cs2MoO4	350	0.38		Bi0.985Na0.015CuSeO	923	0.5
Cs2MoO4	400	0.35		Sn0.87Mn0.1Bi0.03Te	323	4.24
Cs2MoO4	450	0.33		Sn0.87Mn0.1Bi0.03Te	373	4.08
Cs2MoO4	500	0.32		Sn0.87Mn0.1Bi0.03Te	423	4
Cs2MoO4	550	0.31		Sn0.87Mn0.1Bi0.03Te	473	3.85
Cs2MoO4	600	0.31		Sn0.87Mn0.1Bi0.03Te	523	3.66
CeTa3O9	370	1.95		Sn0.87Mn0.1Bi0.03Te	623	3.37
CeTa3O9	470	1.96		Sn0.87Mn0.1Bi0.03Te	773	2.67
CeTa3O9	570	2.1		Cu22Sn9.25Sb0.75S32	300	2.86
CeTa3O9	670	2.19		Cu22Sn9.25Sb0.75S32	400	2.45
NdTa3O9	370	2.01		Cu22Sn9.25Sb0.75S32	500	2.15
NdTa3O9	470	2.08		Cu22Sn9.25Sb0.75S32	600	1.89
NdTa3O9	570	2.13		Cu22Sn9.25Sb0.75S32	700	1.66
NdTa3O9	670	2.17		Li1.1Co0.85Ni0.15O2	323	1.94
SmTa3O9	370	1.59		Li1.1Co0.85Ni0.15O2	423	2.8
SmTa3O9	470	1.61		Li1.1Co0.85Ni0.15O2	523	2.72
SmTa3O9	570	1.73		Li1.1Co0.85Ni0.15O2	623	2.45

SmTa3O9	670	1.79		Li1.1Co0.85Ni0.15O2	723	2.19
EuTa3O9	370	1.5		Li1.1Co0.85Ni0.15O2	823	1.91
EuTa3O9	470	1.55		Li1.1Co0.85Ni0.15O2	923	1.61
EuTa3O9	570	1.6		Li1.1Co0.85Ni0.15O2	1023	1.32
EuTa3O9	670	1.67		Bi0.825Ba0.175CuSeO	319	0.77
Lu2SiO5	300	3.32		Bi0.825Ba0.175CuSeO	420	0.68
Lu2SiO5	470	2.43		Bi0.825Ba0.175CuSeO	522	0.63
Lu2SiO5	670	1.98		Bi0.825Ba0.175CuSeO	623	0.6
Ca3Co4O9	300	2.87		Bi0.825Ba0.175CuSeO	725	0.59
Ca3Co4O9	500	2.6		Bi0.825Ba0.175CuSeO	825	0.55
Ca3Co4O9	700	2.4		Bi0.875Ba0.125CuSeO	319	0.96
Ca3Co4O9	900	2.26		Bi0.875Ba0.125CuSeO	420	0.86
Ca3Co4O9	1000	2.21		Bi0.875Ba0.125CuSeO	522	0.78
Cu5Sn2S7	300	5.51		Bi0.875Ba0.125CuSeO	623	0.74
Cu5Sn2S7	422	4.24		Bi0.875Ba0.125CuSeO	725	0.72
Cu5Sn2S7	524	3.64		Bi0.875Ba0.125CuSeO	825	0.69
Cu5Sn2S7	627	3.13		Cu1.875Ag0.125SnSe3	300	1.1
Cu5Sn2S7	678	2.89		Cu1.875Ag0.125SnSe3	400	0.78
Cu2SnSe3	300	2.91		Cu1.875Ag0.125SnSe3	500	0.63
Cu2SnSe3	372	2.2		Cu1.875Ag0.125SnSe3	600	0.51
Cu2SnSe3	473	1.68		Cu1.875Ag0.125SnSe3	700	0.42
Cu2SnSe3	523	1.5		Cu1.875Ag0.125SnSe3	800	0.32
Cu2SnSe3	622	1.28		Cu1.925Ag0.075SnSe3	300	1.61
Cu2SnSe3	723	1.1		Cu1.925Ag0.075SnSe3	400	1.09
Sn1.03Te	323	9.18		Cu1.925Ag0.075SnSe3	500	0.83
Sn1.03Te	423	7.86		Cu1.925Ag0.075SnSe3	600	0.68
Sn1.03Te	523	6.28		Cu1.925Ag0.075SnSe3	700	0.57
Sn1.03Te	623	4.95		Cu1.925Ag0.075SnSe3	800	0.55
Sn1.03Te	723	3.7		Sn0.9Pb0.09Zn0.01Se	300	1.27
Sn1.03Te	823	2.86		Sn0.9Pb0.09Zn0.01Se	373	0.98
Cu2SnSe3	300	2.33		Sn0.9Pb0.09Zn0.01Se	473	0.75
Cu2SnSe3	400	1.38		Sn0.9Pb0.09Zn0.01Se	573	0.64

Cu2SnSe3	500	1.06		Sn0.9Pb0.09Zn0.01Se	673	0.56
Cu2SnSe3	600	0.9		Sn0.9Pb0.09Zn0.01Se	773	0.48
Cu2SnSe3	700	0.8		Bi2.15Sr1.96Co2O7.7	300	1.95
Cu2SnSe3	800	0.74		Bi2.15Sr1.96Co2O7.7	350	1.95
Ag8SnSe6	330	0.21		Bi2.15Sr1.96Co2O7.7	400	1.97
Ag8SnSe6	426	0.26		Bi2.15Sr1.96Co2O7.7	450	2.01
Ag8SnSe6	523	0.31		Bi2.15Sr1.96Co2O7.7	500	2.07
Ag8SnSe6	601	0.36		Bi2.15Sr1.96Co2O7.7	550	2.09
Ag8SnSe6	640	0.41		Bi2.15Sr1.96Co2O7.7	600	2.12
Ag8SnSe6	650	0.43		Bi2.15Sr1.96Co2O7.7	650	2.11
Tl4SnTe3	323	0.52		Bi2.15Sr1.96Co2O7.7	700	2.12
Tl4SnTe3	373	0.46		Bi2.15Sr1.96Co2O7.7	750	2.13
Tl4SnTe3	423	0.45		Bi2.15Sr1.96Co2O7.7	800	2.15
Tl4SnTe3	473	0.45		Bi2.33Sr2.14Co2O7.7	300	1.74
Tl4SnTe3	523	0.47		Bi2.33Sr2.14Co2O7.7	350	1.73
Tl4SnTe3	623	0.49		Bi2.33Sr2.14Co2O7.7	400	1.74
Tl4SnTe3	673	0.5		Bi2.33Sr2.14Co2O7.7	450	1.78
Cu2SnSe3	323	2.83		Bi2.33Sr2.14Co2O7.7	500	1.79
Cu2SnSe3	423	2.05		Bi2.33Sr2.14Co2O7.7	550	1.81
Cu2SnSe3	523	1.61		Bi2.33Sr2.14Co2O7.7	600	1.84
Cu2SnSe3	623	1.31		Bi2.33Sr2.14Co2O7.7	650	1.87
Cu2SnSe3	723	1.14		Bi2.33Sr2.14Co2O7.7	700	1.89
Cu2SnSe3	823	0.9		Bi2.33Sr2.14Co2O7.7	750	1.92
Sn1.05Se	325	1.14		Bi2.33Sr2.14Co2O7.7	800	1.95
Sn1.05Se	335	1.09		Y0.148Zr0.852O1.926	300	3.01
Sn1.05Se	345	1.07		Y0.148Zr0.852O1.926	350	2.92
Sn1.05Se	355	1.03		Y0.148Zr0.852O1.926	400	2.81
Sn1.05Se	365	1		Y0.148Zr0.852O1.926	450	2.77
Sn1.05Se	400	0.88		Y0.148Zr0.852O1.926	500	2.72
Sn1.05Se	430	0.83		Y0.148Zr0.852O1.926	550	2.67
Sn1.05Se	460	0.77		Y0.148Zr0.852O1.926	600	2.62
Sn1.05Se	500	0.73		Y0.148Zr0.852O1.926	650	2.6

Sn1.05Se	550	0.65		Y0.148Zr0.852O1.926	700	2.55
Sn1.05Se	600	0.6		Sn0.91Mn0.08Bi0.01Te	323	4.31
Sn1.05Se	650	0.56		Sn0.91Mn0.08Bi0.01Te	373	4.23
Sn1.05Se	700	0.54		Sn0.91Mn0.08Bi0.01Te	423	4.1
Sn0.95Se	325	1.16		Sn0.91Mn0.08Bi0.01Te	473	3.97
Sn0.95Se	335	1.12		Sn0.91Mn0.08Bi0.01Te	523	3.78
Sn0.95Se	345	1.09		Sn0.91Mn0.08Bi0.01Te	773	2.48
Sn0.95Se	355	1.05		Sn0.92Ge0.04As0.04Te	328	7.48
Sn0.95Se	365	1.02		Sn0.92Ge0.04As0.04Te	470	6.63
Sn0.95Se	400	0.91		Sn0.92Ge0.04As0.04Te	620	5.23
Sn0.95Se	430	0.85		Sn0.92Ge0.04As0.04Te	769	3.86
Sn0.95Se	460	0.8		Sn0.92Ge0.04As0.04Te	869	3.53
Sn0.95Se	500	0.74		Ba7.97Ga15.95Sn30.05	300	0.99
Sn0.95Se	550	0.67		Ba7.97Ga15.95Sn30.06	340	0.92
Sn0.95Se	600	0.61		Ba7.97Ga15.95Sn30.07	580	1.23
Sn0.95Se	650	0.57		Ba7.97Ga15.95Sn30.08	540	1.02
Sn0.95Se	700	0.52		Ba7.97Ga15.95Sn30.09	500	0.9
Gd2Zr2O7	300	1.97		Ba7.97Ga15.95Sn30.10	460	0.87
Gd2Zr2O7	350	1.92		ZrNiPb0.9Sn0.8Bi0.02	303	6.44
Gd2Zr2O7	400	1.88		ZrNiPb0.9Sn0.8Bi0.02	475	5.87
Gd2Zr2O7	450	1.87		ZrNiPb0.9Sn0.8Bi0.02	673	5.66
Gd2Zr2O7	500	1.83		ZrNiPb0.9Sn0.8Bi0.02	771	5.63
Gd2Zr2O7	550	1.8		ZrNiPb0.9Sn0.8Bi0.02	871	5.9
Gd2Zr2O7	600	1.78		Cu2ZnSn0.95Ag0.05Se4	323	4.21
Gd2Zr2O7	650	1.76		Cu2ZnSn0.95Ag0.05Se4	373	3.53
Gd2Zr2O7	700	1.73		Cu2ZnSn0.95Ag0.05Se4	473	3.12
Zr3Y4O12	373	2.25		Cu2ZnSn0.95Ag0.05Se4	573	2.56
Zr3Y4O12	473	2.12		Cu2ZnSn0.95Ag0.05Se4	673	2.13
Zr3Y4O12	573	2.02		Cu2ZnSn0.98Ag0.02Se4	323	4.36
Zr3Y4O12	673	1.93		Cu2ZnSn0.98Ag0.02Se4	373	3.84
Zr3Y4O12	773	1.89		Cu2ZnSn0.98Ag0.02Se4	473	3.64
Yb2Sn2O7	300	2.98		Cu2ZnSn0.98Ag0.02Se4	573	3.18

Yb2Sn2O7	350	2.88		Cu2ZnSn0.98Ag0.02Se4	673	2.91
Yb2Sn2O7	400	2.78		Li1.01Co0.85Ni0.15O2	323	0.32
Yb2Sn2O7	450	2.67		Li1.01Co0.85Ni0.15O2	423	0.98
Yb2Sn2O7	500	2.59		Li1.01Co0.85Ni0.15O2	523	1.29
Yb2Sn2O7	550	2.5		Li1.01Co0.85Ni0.15O2	623	1.17
Yb2Sn2O7	600	2.42		Li1.01Co0.85Ni0.15O2	723	1
La2Ce2O7	300	2.91		Li1.01Co0.85Ni0.15O2	823	0.92
La2Ce2O7	473	2.25		Li1.01Co0.85Ni0.15O2	923	0.96
La2Ce2O7	673	1.91		Li1.01Co0.85Ni0.15O2	1023	0.86
La2Ce2O7	873	1.73		Li1.04Co0.85Ni0.15O2	323	1.92
La2Zr2O7	560	3.38		Li1.04Co0.85Ni0.15O2	423	2.01
La2Zr2O7	590	3.21		Li1.04Co0.85Ni0.15O2	523	1.91
La2Zr2O7	630	2.93		Li1.04Co0.85Ni0.15O2	623	1.69
La2Zr2O7	660	2.86		Li1.04Co0.85Ni0.15O2	723	1.42
La2Zr2O7	680	2.7		Li1.04Co0.85Ni0.15O2	823	1.33
La2Zr2O7	740	2.58		Li1.04Co0.85Ni0.15O2	923	1.19
Sm2Zr2O7	300	1.95		Li1.04Co0.85Ni0.15O2	1023	0.87
Sm2Zr2O7	473	1.82		Cu2.2Sn0.8Sb0.2Se3.2	300	3.49
Sm2Zr2O7	673	1.75		Cu2.2Sn0.8Sb0.2Se3.2	372	3.27
Sm2Zr2O7	873	1.69		Cu2.2Sn0.8Sb0.2Se3.2	473	2.97
La2Zr2O7	370	3.3		Cu2.2Sn0.8Sb0.2Se3.2	523	2.8
La2Zr2O7	470	3.25		Cu2.2Sn0.8Sb0.2Se3.2	622	2.57
WNb12O33	373	2.02		Cu2.2Sn0.8Sb0.2Se3.2	723	2.2
WNb12O33	473	1.98		Cu2.5Sn0.5Sb0.5Se3.5	300	5.31
WNb12O33	573	1.94		Cu2.5Sn0.5Sb0.5Se3.5	372	5.03
WNb12O33	673	1.92		Cu2.5Sn0.5Sb0.5Se3.5	473	4.64
Ca3Co4O9	325	2.31		Cu2.5Sn0.5Sb0.5Se3.5	523	4.48
Ca3Co4O9	375	2.17		Cu2.5Sn0.5Sb0.5Se3.5	622	4.06
Ca3Co4O9	425	2.14		Cu2.5Sn0.5Sb0.5Se3.5	723	3.49
Ca3Co4O9	475	2.09		Cu2.8Sn0.2Sb0.8Se3.8	300	5.74
Ca3Co4O9	525	2.02		Cu2.8Sn0.2Sb0.8Se3.8	372	5.24
Ca3Co4O9	575	1.97		Cu2.8Sn0.2Sb0.8Se3.8	473	4.55

Ca3Co4O9	625	1.96		Cu2.8Sn0.2Sb0.8Se3.8	523	4.25
Ca3Co4O9	675	1.92		Cu2.8Sn0.2Sb0.8Se3.8	622	3.74
Ca3Co4O9	725	1.9		Cu2.8Sn0.2Sb0.8Se3.8	723	3.03
Ba2CoRuO6	318	1.48		Bi0.8Pb0.1Yb0.1CuSeO	347	0.78
Ba2CoRuO6	418	1.46		Bi0.8Pb0.1Yb0.1CuSeO	446	0.7
Ba2CoRuO6	518	1.46		Bi0.8Pb0.1Yb0.1CuSeO	543	0.63
BaGd2NiO5	426	2.38		Bi0.8Pb0.1Yb0.1CuSeO	640	0.56
BaGd2NiO5	532	2.03		Bi0.8Pb0.1Yb0.1CuSeO	744	0.51
BaGd2NiO5	638	1.8		Bi0.8Pb0.1Yb0.1CuSeO	847	0.48
BaGd2NiO5	750	1.66		Sn0.93Pb0.06Zn0.01Se	300	0.85
BaGd2NiO5	862	1.56		Sn0.93Pb0.06Zn0.01Se	373	0.71
BaGd2NiO5	975	1.5		Sn0.93Pb0.06Zn0.01Se	473	0.59
BaGd2NiO5	1074	1.44		Sn0.93Pb0.06Zn0.01Se	573	0.52
BaGd2NiO5	1179	1.42		Sn0.93Pb0.06Zn0.01Se	673	0.43
BaGd2NiO5	1272	1.38		Sn0.93Pb0.06Zn0.01Se	773	0.34
SnAgSbSe2	600	5.15		Sn0.96Pb0.03Zn0.01Se	300	1.12
SnAgSbSe2	650	4.66		Sn0.96Pb0.03Zn0.01Se	373	0.85
SnAgSbSe2	700	4.18		Sn0.96Pb0.03Zn0.01Se	473	0.66
SnAgSbSe2	750	3.77		Sn0.96Pb0.03Zn0.01Se	573	0.56
SnAgSbSe2	800	3.37		Sn0.96Pb0.03Zn0.01Se	673	0.47
Cu5Sn2Se7	300	5.28		Sn0.96Pb0.03Zn0.01Se	773	0.36
Cu5Sn2Se7	400	4.77		Sn0.97Pb0.02Zn0.01Se	300	1.28
Cu5Sn2Se7	500	4.3		Sn0.97Pb0.02Zn0.01Se	373	1.07
Cu5Sn2Se7	598	3.86		Sn0.97Pb0.02Zn0.01Se	473	0.95
Cu5Sn2Se7	698	3.31		Sn0.97Pb0.02Zn0.01Se	573	0.85
BaDyCo4O7	368	0.61		Sn0.97Pb0.02Zn0.01Se	673	0.7
BaErCo4O7	368	0.62		Sn0.97Pb0.02Zn0.01Se	773	0.57
BaHoCo4O7	368	0.58		Sn0.98Pb0.01Zn0.01Se	300	1.23
BaLuCo4O7	368	0.59		Sn0.98Pb0.01Zn0.01Se	373	1.08
BaTmCo4O7	368	0.56		Sn0.98Pb0.01Zn0.01Se	473	0.91
SrFe4Sb12	310	3.19		Sn0.98Pb0.01Zn0.01Se	573	0.77
SrFe4Sb12	340	3.25		Sn0.98Pb0.01Zn0.01Se	673	0.67

SrFe4Sb12	370	3.3		Sn0.98Pb0.01Zn0.01Se	773	0.55
SrFe4Sb12	390	3.34		(Sm0.75La0.25)2Zr2O7	300	1.9
SrFe4Sb12	420	3.39		(Sm0.75La0.25)2Zr2O7	473	1.48
SrFe4Sb12	440	3.45		(Sm0.75La0.25)2Zr2O7	673	1.31
SrFe4Sb12	470	3.5		(Sm0.75La0.25)2Zr2O7	873	1.24
SrFe4Sb12	490	3.53		(Sm0.25La0.75)2Zr2O7	300	2.4
SrFe4Sb12	520	3.58		(Sm0.25La0.75)2Zr2O7	473	2.16
SrFe4Sb12	540	3.61		(Sm0.25La0.75)2Zr2O7	673	2.04
SrFe4Sb12	570	3.65		(Sm0.25La0.75)2Zr2O7	873	1.96
SrFe4Sb12	590	3.68		(Bi0.05Ca0.95)3Co4O9	290	2.32
SrFe4Sb12	620	3.72		(Bi0.05Ca0.95)3Co4O9	373	2.03
SrFe4Sb12	640	3.79		(Bi0.05Ca0.95)3Co4O9	573	1.89
SrFe4Sb12	670	3.83		Zn0.9Cd0.1Sc0.02O1.03	300	7.83
SrFe4Sb12	740	4.05		Zn0.9Cd0.1Sc0.02O1.03	373	6.5
SrFe4Sb12	800	4.27		Zn0.9Cd0.1Sc0.02O1.03	473	5.5
Ba2ErAlO5	400	1.47		Zn0.9Cd0.1Sc0.02O1.03	573	5
Ba2ErAlO5	450	1.42		Zn0.9Cd0.1Sc0.02O1.03	673	4.34
Ba2ErAlO5	500	1.38		Zn0.9Cd0.1Sc0.02O1.03	773	3.83
Ba2ErAlO5	550	1.35		Zn0.9Cd0.1Sc0.02O1.03	873	3.58
Ba2ErAlO5	600	1.3		Zn0.9Cd0.1Sc0.02O1.03	973	3.26
Pr2CoFeO6	380	1.03		Zn0.9Cd0.1Sc0.02O1.03	1073	3.1
Pr2CoFeO6	480	0.91		Zn0.9Cd0.1Sc0.02O1.03	1173	2.83
Pr2CoFeO6	580	0.82		Zn0.9Cd0.1Sc0.04O1.06	300	8
Pr2CoFeO6	680	0.71		Zn0.9Cd0.1Sc0.04O1.06	373	6.8
W4Nb26O77	373	2.08		Zn0.9Cd0.1Sc0.04O1.06	473	5.7
W4Nb26O77	473	2.05		Zn0.9Cd0.1Sc0.04O1.06	573	4.95
W4Nb26O77	573	2.03		Zn0.9Cd0.1Sc0.04O1.06	673	4.38
W4Nb26O77	673	2		Zn0.9Cd0.1Sc0.04O1.06	773	3.95
W3Nb14O44	373	1.84		Zn0.9Cd0.1Sc0.04O1.06	873	3.56
W3Nb14O44	473	1.85		Zn0.9Cd0.1Sc0.04O1.06	973	3.25
W3Nb14O44	573	1.84		Zn0.9Cd0.1Sc0.04O1.06	1073	2.95
W3Nb14O44	673	1.83		Zn0.9Cd0.1Sc0.04O1.06	1173	2.7

Pr2FeCrO6	300	1.29		Sn0.96Pb0.01Cd0.035Se	300	0.88
Pr2FeCrO6	380	1.2		Sn0.96Pb0.01Cd0.035Se	373	0.67
Pr2FeCrO6	460	1.09		Sn0.96Pb0.01Cd0.035Se	423	0.57
Pr2FeCrO6	520	1.03		Sn0.96Pb0.01Cd0.035Se	473	0.51
Pr2FeCrO6	580	1.02		Sn0.96Pb0.01Cd0.035Se	573	0.41
Pr2FeCrO6	640	1		Sn0.96Pb0.01Cd0.035Se	673	0.34
Pr2FeCrO6	700	0.98		Sn0.96Pb0.01Cd0.035Se	723	0.34
Cu2CdSnSe4	300	2.78		Sn0.96Pb0.01Cd0.035Se	823	0.36
Cu2CdSnSe4	350	2.35		Sn0.96Pb0.01Cd0.035Se	873	0.34
Cu2CdSnSe4	400	2.02		Sn0.97Pb0.01Cd0.025Se	300	1.13
Cu2CdSnSe4	450	1.74		Sn0.97Pb0.01Cd0.025Se	373	0.88
Cu2CdSnSe4	500	1.52		Sn0.97Pb0.01Cd0.025Se	423	0.79
Cu2CdSnSe4	550	1.37		Sn0.97Pb0.01Cd0.025Se	473	0.7
Cu2CdSnSe4	600	1.25		Sn0.97Pb0.01Cd0.025Se	573	0.56
Cu2CdSnSe4	650	1.12		Sn0.97Pb0.01Cd0.025Se	673	0.48
Cu2CdSnSe4	700	1.01		Sn0.97Pb0.01Cd0.025Se	723	0.48
Cu2ZnSnSe4	323	4.57		Sn0.97Pb0.01Cd0.025Se	823	0.5
Cu2ZnSnSe4	373	3.99		Sn0.97Pb0.01Cd0.025Se	873	0.48
Cu2ZnSnSe4	473	3.76		ZrNiPb0.92Sn0.6Bi0.02	303	5.9
Cu2ZnSnSe4	573	3.3		ZrNiPb0.92Sn0.6Bi0.02	475	5.84
Cu2ZnSnSe4	673	3.02		ZrNiPb0.92Sn0.6Bi0.02	673	5.85
Sr14MgBi11	326	1.25		ZrNiPb0.92Sn0.6Bi0.02	771	5.9
Sr14MgBi11	424	1.27		ZrNiPb0.92Sn0.6Bi0.02	871	5.97
Sr14MgBi11	521	1.33		ZrNiPb0.94Sn0.4Bi0.02	303	5.92
Sr14MgBi11	621	1.34		ZrNiPb0.94Sn0.4Bi0.02	475	5.58
Sr14MgBi11	717	1.34		ZrNiPb0.94Sn0.4Bi0.02	673	5.31
Sr14MgBi11	817	1.33		ZrNiPb0.94Sn0.4Bi0.02	771	5.33
Sr14MgBi11	914	1.35		ZrNiPb0.94Sn0.4Bi0.02	871	5.51
Sr14MgBi11	1013	1.4		ZrNiPb0.96Sn0.2Bi0.02	303	6.6
Cu5SnSbSe7	300	5.27		ZrNiPb0.96Sn0.2Bi0.02	475	6.34
Cu5SnSbSe7	373	5.03		ZrNiPb0.96Sn0.2Bi0.02	673	5.95
Cu5SnSbSe7	473	4.63		ZrNiPb0.96Sn0.2Bi0.02	771	6.05

Cu5SnSbSe7	573	4.28		ZrNiPb0.96Sn0.2Bi0.02	871	6.26
Cu5SnSbSe7	673	3.8		Ag0.01Sn0.99Se0.8S0.2	322	0.2
Cu5SnSbSe7	723	3.47		Ag0.01Sn0.99Se0.8S0.2	418	0.17
La2SrAl2O7	300	6.07		Ag0.01Sn0.99Se0.8S0.2	518	0.16
La2SrAl2O7	380	4.95		Ag0.01Sn0.99Se0.8S0.2	567	0.16
La2SrAl2O7	480	4.52		Ag0.01Sn0.99Se0.8S0.2	616	0.16
La2SrAl2O7	580	4.2		Ag0.01Sn0.99Se0.8S0.2	666	0.18
La2SrAl2O7	680	3.89		Ag0.01Sn0.99Se0.8S0.2	763	0.18
La2SrAl2O7	780	3.68		Ag0.01Sn0.99Se0.8S0.2	813	0.15
La2SrAl2O7	880	3.51		Ag0.01Sn0.99Se0.9S0.1	322	0.33
Nd2SrAl2O7	300	4.08		Ag0.01Sn0.99Se0.9S0.1	418	0.26
Nd2SrAl2O7	380	3.81		Ag0.01Sn0.99Se0.9S0.1	518	0.2
Nd2SrAl2O7	480	3.48		Ag0.01Sn0.99Se0.9S0.1	567	0.19
Nd2SrAl2O7	580	3.16		Ag0.01Sn0.99Se0.9S0.1	616	0.21
Nd2SrAl2O7	680	2.98		Ag0.01Sn0.99Se0.9S0.1	666	0.24
Nd2SrAl2O7	780	2.84		Ag0.01Sn0.99Se0.9S0.1	763	0.22
Nd2SrAl2O7	880	2.76		Ag0.01Sn0.99Se0.9S0.1	813	0.18
Sm2SrAl2O7	300	3.74		(GeTe)0.7(AgSnSe2)0.3	323	1.23
Sm2SrAl2O7	380	3.51		(GeTe)0.7(AgSnSe2)0.3	423	1.38
Sm2SrAl2O7	480	3.38		(GeTe)0.7(AgSnSe2)0.3	523	1.38
Sm2SrAl2O7	580	3.34		(GeTe)0.7(AgSnSe2)0.3	623	1.34
Sm2SrAl2O7	680	3.18		(GeTe)0.8(AgSnSe2)0.2	323	2.03
Sm2SrAl2O7	780	3.05		(GeTe)0.8(AgSnSe2)0.2	423	2.31
Sm2SrAl2O7	880	2.9		(GeTe)0.8(AgSnSe2)0.2	523	2.6
Eu2SrAl2O7	300	3.74		(GeTe)0.8(AgSnSe2)0.2	623	2.51
Eu2SrAl2O7	380	3.61		(GeTe)0.9(AgSnSe2)0.1	323	2.71
Eu2SrAl2O7	480	3.46		(GeTe)0.9(AgSnSe2)0.1	423	2.99
Eu2SrAl2O7	580	3.25		(GeTe)0.9(AgSnSe2)0.1	523	3.52
Eu2SrAl2O7	680	3.07		(GeTe)0.9(AgSnSe2)0.1	623	3.19
Eu2SrAl2O7	780	2.92		(SnTe)0.9(CuSbTe2)0.1	321	3.73
Eu2SrAl2O7	880	2.78		(SnTe)0.9(CuSbTe2)0.1	427	3.62
Gd2SrAl2O7	300	3.4		(SnTe)0.9(CuSbTe2)0.1	525	3.11

Gd2SrAl2O7	380	3.28		(SnTe)0.9(CuSbTe2)0.1	622	2.35
Gd2SrAl2O7	480	3.17		(SnTe)0.9(CuSbTe2)0.1	723	2.02
Gd2SrAl2O7	580	3.08		(SnTe)0.9(CuSbTe2)0.1	824	1.55
Gd2SrAl2O7	680	2.93		Tl0.7Co4Sn0.75Sb11.25	50	2.61
Gd2SrAl2O7	780	2.82		Tl0.7Co4Sn0.75Sb11.25	150	2.33
Gd2SrAl2O7	880	2.69		Tl0.7Co4Sn0.75Sb11.25	200	2.29
Dy2SrAl2O7	300	2.83		Tl0.7Co4Sn0.75Sb11.25	250	2.38
Dy2SrAl2O7	380	2.72		Sr0.11Ba0.18Co4Sb12.09	300	4.64
Dy2SrAl2O7	480	2.6		Sr0.11Ba0.18Co4Sb12.09	350	4.45
Dy2SrAl2O7	580	2.54		Sr0.11Ba0.18Co4Sb12.09	400	4.25
Dy2SrAl2O7	680	2.52		Sr0.11Ba0.18Co4Sb12.09	450	4.16
Dy2SrAl2O7	780	2.48		Sr0.11Ba0.18Co4Sb12.09	500	4.06
Dy2SrAl2O7	880	2.43		Sr0.11Ba0.18Co4Sb12.09	550	4
PrSrFeCrO6	300	0.92		Sr0.11Ba0.18Co4Sb12.09	600	3.93
PrSrFeCrO6	380	0.92		Sr0.11Ba0.18Co4Sb12.09	650	3.9
PrSrFeCrO6	460	0.92		Sr0.11Ba0.18Co4Sb12.09	700	3.87
PrSrFeCrO6	580	0.93		Sr0.11Ba0.18Co4Sb12.09	750	3.9
PrSrFeCrO6	700	0.94		Sr0.11Ba0.18Co4Sb12.09	800	3.93
BiCu0.90SeO	323	1.19		Sr0.11Ba0.18Co4Sb12.09	850	3.97
BiCu0.90SeO	523	0.91		Sr0.16Yb0.03Co4Sb11.82	300	4.05
BiCu0.90SeO	723	0.71		Sr0.16Yb0.03Co4Sb11.82	350	3.9
BiCu0.90SeO	923	0.65		Sr0.16Yb0.03Co4Sb11.82	400	3.74
CrO0.09N0.9	50	1.22		Sr0.16Yb0.03Co4Sb11.82	450	3.63
CrO0.09N0.9	100	3.06		Sr0.16Yb0.03Co4Sb11.82	500	3.5
CrO0.09N0.9	150	4.19		Sr0.16Yb0.03Co4Sb11.82	550	3.45
CrO0.09N0.9	200	4.59		Sr0.16Yb0.03Co4Sb11.82	600	3.4
CrO0.09N0.9	250	4.39		Sr0.16Yb0.03Co4Sb11.82	650	3.4
CrO0.09N0.9	275	2.68		Sr0.16Yb0.03Co4Sb11.82	700	3.41
CrO0.09N0.9	300	2.75		Sr0.16Yb0.03Co4Sb11.82	750	3.46
Cu22Sn10S32	300	3.51		Sr0.16Yb0.03Co4Sb11.82	800	3.5
Cu22Sn10S32	400	3.03		Sr0.16Yb0.03Co4Sb11.82	850	3.62
Cu22Sn10S32	500	2.64		Sr0.21Yb0.03Co4Sb12.12	300	4.23

Cu22Sn10S32	600	2.34		Sr0.21Yb0.03Co4Sb12.12	350	4.08
Cu22Sn10S32	700	2.04		Sr0.21Yb0.03Co4Sb12.12	400	3.94
SnSe0.9S0.1	300	1.42		Sr0.21Yb0.03Co4Sb12.12	450	3.85
SnSe0.9S0.1	373	1.17		Sr0.21Yb0.03Co4Sb12.12	500	3.77
SnSe0.9S0.1	473	0.92		Sr0.21Yb0.03Co4Sb12.12	550	3.72
SnSe0.9S0.1	573	0.8		Sr0.21Yb0.03Co4Sb12.12	600	3.68
SnSe0.9S0.1	673	0.69		Sr0.21Yb0.03Co4Sb12.12	650	3.64
SnSe0.9S0.1	773	0.59		Sr0.21Yb0.03Co4Sb12.12	700	3.6
SnSe0.8S0.2	300	1.27		Sr0.21Yb0.03Co4Sb12.12	750	3.64
SnSe0.8S0.2	373	1.29		Sr0.21Yb0.03Co4Sb12.12	800	3.67
SnSe0.8S0.2	473	0.87		Sr0.21Yb0.03Co4Sb12.12	850	3.7
SnSe0.8S0.2	573	0.79		Hf0.5Ti0.5CoSb0.8Sn0.2	305	2.53
SnSe0.8S0.2	673	0.71		Hf0.5Ti0.5CoSb0.8Sn0.2	377	2.51
SnSe0.8S0.2	773	0.58		Hf0.5Ti0.5CoSb0.8Sn0.2	473	2.51
BaNd2Ti3O10	300	1.2		Hf0.5Ti0.5CoSb0.8Sn0.2	575	2.51
BaNd2Ti3O10	350	1.13		Hf0.5Ti0.5CoSb0.8Sn0.2	676	2.47
BaNd2Ti3O10	400	1.1		Hf0.5Ti0.5CoSb0.8Sn0.2	779	2.47
BaNd2Ti3O10	450	1.1		Hf0.5Ti0.5CoSb0.8Sn0.2	885	2.49
BaNd2Ti3O10	500	1.08		Hf0.5Ti0.5CoSb0.8Sn0.2	989	2.57
BaNd2Ti3O10	550	1.04		Hf0.7Ti0.3CoSb0.8Sn0.2	305	2.78
BaNd2Ti3O10	600	1.02		Hf0.7Ti0.3CoSb0.8Sn0.2	377	2.8
BiCu0.925SeO	323	1.4		Hf0.7Ti0.3CoSb0.8Sn0.2	473	2.81
BiCu0.925SeO	523	1.1		Hf0.7Ti0.3CoSb0.8Sn0.2	575	2.83
BiCu0.925SeO	723	0.93		Hf0.7Ti0.3CoSb0.8Sn0.2	676	2.84
BiCu0.925SeO	923	0.87		Hf0.7Ti0.3CoSb0.8Sn0.2	779	2.85
BiCu0.975SeO	323	0.79		Hf0.7Ti0.3CoSb0.8Sn0.2	885	2.86
BiCu0.975SeO	523	0.57		Hf0.7Ti0.3CoSb0.8Sn0.2	989	2.87
BiCu0.975SeO	723	0.46		Hf0.7Ti0.3CoSb0.8Sn0.2	1088	2.9
BiCu0.975SeO	923	0.48		Hf0.8Ti0.2CoSb0.8Sn0.2	305	2.76
Sn0.8Ge0.2Te	373	4.84		Hf0.8Ti0.2CoSb0.8Sn0.2	377	2.8
Sn0.8Ge0.2Te	473	4.72		Hf0.8Ti0.2CoSb0.8Sn0.2	480	2.79
Sn0.8Ge0.2Te	573	4.37		Hf0.8Ti0.2CoSb0.8Sn0.2	580	2.8

Sn0.8Ge0.2Te	673	3.66		Hf0.8Ti0.2CoSb0.8Sn0.2	682	2.73
Sn0.8Ge0.2Te	773	3.45		Hf0.8Ti0.2CoSb0.8Sn0.2	784	2.68
Sn0.8Ge0.2Te	873	3.1		Hf0.8Ti0.2CoSb0.8Sn0.2	885	2.67
Cu22Sn9SbS32	300	2.8		Hf0.8Ti0.2CoSb0.8Sn0.2	987	2.67
Cu22Sn9SbS32	400	2.29		Hf0.8Ti0.2CoSb0.8Sn0.2	1088	2.75
Cu22Sn9SbS32	500	1.93		Hf0.9Ti0.1CoSb0.8Sn0.2	305	3.45
Cu22Sn9SbS32	600	1.68		Hf0.9Ti0.1CoSb0.8Sn0.2	377	3.39
Cu22Sn9SbS32	700	1.47		Hf0.9Ti0.1CoSb0.8Sn0.2	473	3.38
Cu5SnSbSe6.3	300	2.74		Hf0.9Ti0.1CoSb0.8Sn0.2	575	3.35
Cu5SnSbSe6.3	373	2.67		Hf0.9Ti0.1CoSb0.8Sn0.2	676	3.3
Cu5SnSbSe6.3	473	2.38		Hf0.9Ti0.1CoSb0.8Sn0.2	779	3.24
Cu5SnSbSe6.3	573	2.28		Hf0.9Ti0.1CoSb0.8Sn0.2	885	3.24
Cu5SnSbSe6.3	673	2.06		Hf0.9Ti0.1CoSb0.8Sn0.2	989	3.29
Cu5SnSbSe6.3	723	1.86		Hf0.9Ti0.1CoSb0.8Sn0.2	1088	3.31
Sr0.4Co4Sb12	300	2.69		Zn0.9Cd0.1Sc0.01O1.015	300	8.17
Sr0.4Co4Sb12	350	2.47		Zn0.9Cd0.1Sc0.01O1.015	473	5.7
Sr0.4Co4Sb12	400	2.19		Zn0.9Cd0.1Sc0.01O1.015	573	4.94
Sr0.4Co4Sb12	450	1.86		Zn0.9Cd0.1Sc0.01O1.015	673	4.39
Sr0.4Co4Sb12	500	1.52		Zn0.9Cd0.1Sc0.01O1.015	773	4
Sr0.4Co4Sb12	550	1.22		Zn0.9Cd0.1Sc0.03O1.045	300	7.91
Sr0.4Co4Sb12	600	0.97		Zn0.9Cd0.1Sc0.03O1.045	373	6.6
Sr0.4Co4Sb12	650	0.72		Zn0.9Cd0.1Sc0.03O1.045	473	5.62
Sr0.4Co4Sb12	700	0.55		Zn0.9Cd0.1Sc0.03O1.045	573	4.93
Sr0.4Co4Sb12	750	0.39		Zn0.9Cd0.1Sc0.03O1.045	673	4.38
ZnSc0.02O1.03	300	52.17		Zn0.9Cd0.1Sc0.03O1.045	773	3.94
ZnSc0.02O1.03	373	37.1		Zn0.9Cd0.1Sc0.03O1.045	873	3.61
ZnSc0.02O1.03	473	26.08		Zn0.9Cd0.1Sc0.03O1.045	973	3.3
ZnSc0.02O1.03	573	19.58		Zn0.9Cd0.1Sc0.03O1.045	1073	3.02
ZnSc0.02O1.03	673	15.08		Zn0.9Cd0.1Sc0.03O1.045	1173	2.76
ZnSc0.02O1.03	773	12.08		(Sn0.8Ge0.2)0.8Mn0.2Te	298	2.23
ZnSc0.02O1.03	873	10		(Sn0.8Ge0.2)0.8Mn0.2Te	373	1.98
ZnSc0.02O1.03	973	8.08		(Sn0.8Ge0.2)0.8Mn0.2Te	473	1.74

ZnSc0.02O1.03	1073	6.75		(Sn0.8Ge0.2)0.8Mn0.2Te	573	1.68
ZnSc0.02O1.03	1173	5.7		(Sn0.8Ge0.2)0.8Mn0.2Te	673	1.57
SnS0.88Se0.12	300	2.37		(Sn0.8Ge0.2)0.8Mn0.2Te	773	1.56
SnS0.88Se0.12	423	1.82		(Sn0.8Ge0.2)0.8Mn0.2Te	873	1.51
SnS0.88Se0.12	573	1.27		Sn0.965Pb0.01Cd0.025Se	300	1.02
SnS0.88Se0.12	872	1		Sn0.965Pb0.01Cd0.025Se	373	0.78
SnS0.88Se0.12	723	0.99		Sn0.965Pb0.01Cd0.025Se	423	0.7
SnS0.91Se0.09	300	2.3		Sn0.965Pb0.01Cd0.025Se	473	0.62
SnS0.91Se0.09	423	1.71		Sn0.965Pb0.01Cd0.025Se	573	0.5
SnS0.91Se0.09	573	1.22		Sn0.965Pb0.01Cd0.025Se	673	0.41
SnS0.91Se0.09	723	0.87		Sn0.965Pb0.01Cd0.025Se	723	0.41
SnS0.91Se0.09	873	0.63		Sn0.965Pb0.01Cd0.025Se	823	0.42
SnS0.94Se0.06	300	2.55		Sn0.965Pb0.01Cd0.025Se	873	0.41
SnS0.94Se0.06	423	1.81		Sn0.975Pb0.01Cd0.015Se	300	1.24
SnS0.94Se0.06	573	1.33		Sn0.975Pb0.01Cd0.015Se	373	0.96
SnS0.94Se0.06	723	1.03		Sn0.975Pb0.01Cd0.015Se	423	0.85
SnS0.94Se0.06	873	0.67		Sn0.975Pb0.01Cd0.015Se	473	0.76
SnS0.97Se0.03	300	2.92		Sn0.975Pb0.01Cd0.015Se	573	0.62
SnS0.97Se0.03	423	2.19		Sn0.975Pb0.01Cd0.015Se	673	0.52
SnS0.97Se0.03	573	1.49		Sn0.975Pb0.01Cd0.015Se	723	0.52
Zn0.96Al0.04O	373	5.83		Sn0.975Pb0.01Cd0.015Se	823	0.53
Zn0.96Al0.04O	473	4.52		Sn0.975Pb0.01Cd0.015Se	873	0.52
Zn0.96Al0.04O	573	3.7		Ti0.9Mn0.1NiSn0.9Sb0.1	297	6.86
Zn0.96Al0.04O	673	2.67		Ti0.9Mn0.1NiSn0.9Sb0.1	398	6.4
Zn0.97Al0.03O	373	7.4		Ti0.9Mn0.1NiSn0.9Sb0.1	498	6.09
Zn0.97Al0.03O	473	6.7		Ti0.9Mn0.1NiSn0.9Sb0.1	598	5.86
Zn0.97Al0.03O	573	5.96		Ti0.9Mn0.1NiSn0.9Sb0.1	697	5.65
Zn0.97Al0.03O	673	5.38		Ti0.9Mn0.1NiSn0.9Sb0.1	797	5.55
Cu5SnSbSe6.58	300	4.17		Ti0.9Mn0.1NiSn0.9Sb0.1	871	5.55
Cu5SnSbSe6.58	373	3.96		Cu2ZnSn0.925Ag0.075Se4	323	3.94
Cu5SnSbSe6.58	473	3.62		Cu2ZnSn0.925Ag0.075Se4	373	3.31
Cu5SnSbSe6.58	573	3.38		Cu2ZnSn0.925Ag0.075Se4	473	2.9

Cu5SnSbSe6.58	673	2.95		Cu2ZnSn0.925Ag0.075Se4	573	2.33
Cu5SnSbSe6.58	723	2.6		Cu2ZnSn0.925Ag0.075Se4	673	1.87
Cu5SnSbSe6.79	300	4.72		Nb0.8Ta0.2CoSn0.9Sb0.1	338	4.92
Cu5SnSbSe6.79	373	4.52		Nb0.8Ta0.2CoSn0.9Sb0.1	430	4.73
Cu5SnSbSe6.79	473	4.17		Nb0.8Ta0.2CoSn0.9Sb0.1	530	4.49
Cu5SnSbSe6.79	573	3.82		Nb0.8Ta0.2CoSn0.9Sb0.1	628	4.35
Cu5SnSbSe6.79	673	3.44		Nb0.8Ta0.2CoSn0.9Sb0.1	728	4.19
Cu5SnSbSe6.79	723	3.16		Nb0.8Ta0.2CoSn0.9Sb0.1	826	4
(SnTe)8Sb2Te3	323	2.05		Nb0.8Ta0.2CoSn0.9Sb0.1	924	3.86
(SnTe)8Sb2Te3	423	1.89		Nb0.9Ta0.1CoSn0.9Sb0.1	338	5.32
(SnTe)8Sb2Te3	523	1.71		Nb0.9Ta0.1CoSn0.9Sb0.1	430	5.02
(SnTe)8Sb2Te3	623	1.65		Nb0.9Ta0.1CoSn0.9Sb0.1	530	4.81
(SnTe)8Sb2Te3	673	1.66		Nb0.9Ta0.1CoSn0.9Sb0.1	628	4.54
(SnTe)8Sb2Te3	723	1.73		Nb0.9Ta0.1CoSn0.9Sb0.1	728	4.35
(SnTe)8Sb2Te3	773	1.83		Nb0.9Ta0.1CoSn0.9Sb0.1	826	4.21
TiZr0.005NiSn	323	2.93		Nb0.9Ta0.1CoSn0.9Sb0.1	924	4.09
TiZr0.005NiSn	423	2.67		La1.7Gd0.15Yb0.15Zr2O7	540	2.25
TiZr0.005NiSn	522	2.58		La1.7Gd0.15Yb0.15Zr2O7	560	2.1
TiZr0.005NiSn	626	2.68		La1.7Gd0.15Yb0.15Zr2O7	600	2
TiZr0.005NiSn	729	3.02		La1.7Gd0.15Yb0.15Zr2O7	650	1.89
TiZr0.015NiSn	323	2.57		La1.7Gd0.15Yb0.15Zr2O7	700	1.86
TiZr0.015NiSn	423	2.38		Zn0.85Cd0.15Sc0.02O1.03	300	7.58
TiZr0.015NiSn	522	2.37		Zn0.85Cd0.15Sc0.02O1.03	373	6.58
TiZr0.015NiSn	626	2.46		Zn0.85Cd0.15Sc0.02O1.03	473	5.75
TiZr0.015NiSn	729	2.74		Zn0.85Cd0.15Sc0.02O1.03	573	5
TiZr0.025NiSn	323	3.08		Zn0.85Cd0.15Sc0.02O1.03	673	4.42
TiZr0.025NiSn	424	2.78		Zn0.85Cd0.15Sc0.02O1.03	773	4.08
TiZr0.025NiSn	526	2.68		Zn0.85Cd0.15Sc0.02O1.03	873	3.8
TiZr0.025NiSn	630	2.69		Zn0.85Cd0.15Sc0.02O1.03	973	3.33
TiZr0.025NiSn	736	2.99		Zn0.85Cd0.15Sc0.02O1.03	1073	3.25
Sr0.12Co4Sb12	300	5.16		Zn0.85Cd0.15Sc0.02O1.03	1173	3.15
Sr0.12Co4Sb12	350	4.58		Zn0.95Cd0.05Sc0.02O1.03	300	11.5

Sr0.12Co4Sb12	400	4.11		Zn0.95Cd0.05Sc0.02O1.03	373	9.75
Sr0.12Co4Sb12	450	3.69		Zn0.95Cd0.05Sc0.02O1.03	473	8
Sr0.12Co4Sb12	500	3.25		Zn0.95Cd0.05Sc0.02O1.03	573	6.75
Sr0.12Co4Sb12	550	2.86		Zn0.95Cd0.05Sc0.02O1.03	673	5.92
Sr0.12Co4Sb12	600	2.64		Zn0.95Cd0.05Sc0.02O1.03	773	5.2
Sr0.12Co4Sb12	650	2.39		Zn0.95Cd0.05Sc0.02O1.03	873	4.58
Sr0.12Co4Sb12	700	2.33		Zn0.95Cd0.05Sc0.02O1.03	973	4.08
Sr0.12Co4Sb12	750	2.28		Zn0.95Cd0.05Sc0.02O1.03	1073	3.75
Sr0.17Co4Sb12	300	4.64		Zn0.95Cd0.05Sc0.02O1.03	1173	3.43
Sr0.17Co4Sb12	350	4.11		Zn0.9Cd0.1Sc0.006O1.009	300	8.44
Sr0.17Co4Sb12	400	3.66		Zn0.9Cd0.1Sc0.006O1.009	773	4.23
Sr0.17Co4Sb12	450	3.33		Zn0.9Cd0.1Sc0.006O1.009	973	3.4
Sr0.17Co4Sb12	500	3		Zn0.9Cd0.1Sc0.006O1.009	1073	3.2
Sr0.17Co4Sb12	550	2.64		Zn0.9Cd0.1Sc0.006O1.009	1173	2.92
Sr0.17Co4Sb12	600	2.39		Cu5.133Sn1.866S6.3Cl0.7	327	2
Sr0.17Co4Sb12	650	2.19		Cu5.133Sn1.866S6.3Cl0.7	426	1.76
Sr0.17Co4Sb12	700	1.91		Cu5.133Sn1.866S6.3Cl0.7	529	1.55
Sr0.17Co4Sb12	750	1.89		Cu5.133Sn1.866S6.3Cl0.7	633	1.4
Sr0.22Co4Sb12	300	4.16		Cu5.133Sn1.866S6.3Cl0.7	685	1.33
Sr0.22Co4Sb12	350	3.69		Ag0.01Sn0.99Se0.65S0.35	322	0.29
Sr0.22Co4Sb12	400	3.28		Ag0.01Sn0.99Se0.65S0.35	418	0.23
Sr0.22Co4Sb12	450	2.89		Ag0.01Sn0.99Se0.65S0.35	518	0.19
Sr0.22Co4Sb12	500	2.55		Ag0.01Sn0.99Se0.65S0.35	567	0.18
Sr0.22Co4Sb12	550	2.33		Ag0.01Sn0.99Se0.65S0.35	616	0.18
Sr0.22Co4Sb12	600	1.97		Ag0.01Sn0.99Se0.65S0.35	666	0.19
Sr0.22Co4Sb12	650	1.78		Ag0.01Sn0.99Se0.65S0.35	763	0.21
Sr0.22Co4Sb12	700	1.58		Ag0.01Sn0.99Se0.65S0.35	813	0.18
Sr0.22Co4Sb12	750	1.44		Ag0.01Sn0.99Se0.85S0.15	322	0.21
Sr0.28Co4Sb12	300	3.5		Ag0.01Sn0.99Se0.85S0.15	418	0.19
Sr0.28Co4Sb12	350	3.14		Ag0.01Sn0.99Se0.85S0.15	518	0.16
Sr0.28Co4Sb12	400	2.8		Ag0.01Sn0.99Se0.85S0.15	567	0.14
Sr0.28Co4Sb12	450	2.5		Ag0.01Sn0.99Se0.85S0.15	616	0.13

Sr0.28Co4Sb12	500	2.25		Ag0.01Sn0.99Se0.85S0.15	666	0.14
Sr0.28Co4Sb12	550	1.91		Ag0.01Sn0.99Se0.85S0.15	763	0.13
Sr0.28Co4Sb12	600	1.75		Ag0.01Sn0.99Se0.85S0.15	813	0.12
Sr0.28Co4Sb12	650	1.5		Sn0.91Mn0.09Te0.97I0.03	331	3.53
Sr0.28Co4Sb12	700	1.3		Sn0.91Mn0.09Te0.97I0.03	424	3.18
Sr0.28Co4Sb12	750	1.19		Sn0.91Mn0.09Te0.97I0.03	524	2.75
AgSn5.0BiTe7.0	300	1.61		Sn0.91Mn0.09Te0.97I0.03	622	2.41
AgSn5.0BiTe7.0	400	1.63		Sn0.91Mn0.09Te0.97I0.03	720	1.92
AgSn5.0BiTe7.0	600	2.13		Sn0.91Mn0.09Te0.97I0.03	818	1.56
AgSn5.0BiTe7.0	500	1.82		Sn0.91Mn0.09Te0.97I0.03	867	1.53
LaCo0.5Fe0.5O3	300	0.22		Sn0.91Mn0.09Te0.97I0.03	891	1.55
LaCo0.9Fe0.1O3	300	0.26		Sn0.91Mn0.09Te0.98I0.02	331	3.37
LaCo0.9Ni0.1O3	300	0.43		Sn0.91Mn0.09Te0.98I0.02	424	3.02
La0.1Ca0.9TiO3	538	3.5		Sn0.91Mn0.09Te0.98I0.02	524	2.57
La0.1Ca0.9TiO3	640	3.24		Sn0.91Mn0.09Te0.98I0.02	622	2.28
La0.1Ca0.9TiO3	740	3.03		Sn0.91Mn0.09Te0.98I0.02	720	1.8
La0.1Ca0.9TiO3	840	2.94		Sn0.91Mn0.09Te0.98I0.02	818	1.49
La0.2Ca0.8TiO3	321	4.27		Sn0.91Mn0.09Te0.98I0.02	867	1.47
La0.2Ca0.8TiO3	432	3.78		Sn0.91Mn0.09Te0.98I0.02	891	1.48
La0.2Ca0.8TiO3	538	3.41		Sn0.91Mn0.09Te0.99I0.01	331	3.76
La0.2Ca0.8TiO3	740	2.96		Sn0.91Mn0.09Te0.99I0.01	424	3.46
La0.2Ca0.8TiO3	840	2.85		Sn0.91Mn0.09Te0.99I0.01	524	3.05
La0.2Ca0.8TiO3	1016	2.61		Sn0.91Mn0.09Te0.99I0.01	622	2.87
Sn0.98In0.02Se	373	0.8		Sn0.91Mn0.09Te0.99I0.01	720	2.27
Sn0.98In0.02Se	423	0.72		Sn0.91Mn0.09Te0.99I0.01	818	1.8
Sn0.98In0.02Se	473	0.67		Sn0.91Mn0.09Te0.99I0.01	867	1.64
Sn0.98In0.02Se	523	0.63		Sn0.91Mn0.09Te0.99I0.01	891	1.6
Sn0.98In0.02Se	573	0.62		(SnTe)0.84(CuSbTe2)0.16	325	3.94
Sn0.98In0.02Se	623	0.62		(SnTe)0.84(CuSbTe2)0.16	432	3.79
Sn0.98In0.02Se	673	0.63		(SnTe)0.84(CuSbTe2)0.16	529	3.06
Sn0.98In0.02Se	723	0.64		(SnTe)0.84(CuSbTe2)0.16	625	2.46
Sn0.98In0.02Se	773	0.67		(SnTe)0.84(CuSbTe2)0.16	719	2.09

Sn0.97Ce0.03Te	323	4.18		(SnTe)0.84(CuSbTe2)0.16	818	1.71
Sn0.97Ce0.03Te	423	3.5		(SnTe)0.86(CuSbTe2)0.14	324	3.39
Sn0.97Ce0.03Te	523	2.83		(SnTe)0.86(CuSbTe2)0.14	432	3.16
Sn0.97Ce0.03Te	623	2.25		(SnTe)0.86(CuSbTe2)0.14	524	2.81
Sn0.97Ce0.03Te	723	2		(SnTe)0.86(CuSbTe2)0.14	625	2.29
Sn0.98Ce0.02Te	323	5		(SnTe)0.86(CuSbTe2)0.14	723	2.11
Sn0.98Ce0.02Te	423	4.15		(SnTe)0.86(CuSbTe2)0.14	818	1.83
Sn0.98Ce0.02Te	523	3.33		(SnTe)0.88(CuSbTe2)0.12	323	3.52
Sn0.98Ce0.02Te	623	2.54		(SnTe)0.88(CuSbTe2)0.12	427	3.21
Sn0.98Ce0.02Te	723	2.09		(SnTe)0.88(CuSbTe2)0.12	525	2.77
Sn0.99Ce0.01Te	323	6.15		(SnTe)0.88(CuSbTe2)0.12	622	2.24
Sn0.99Ce0.01Te	423	5.32		(SnTe)0.88(CuSbTe2)0.12	726	2.05
Sn0.99Ce0.01Te	523	4.34		(SnTe)0.88(CuSbTe2)0.12	818	1.78
Sn0.99Ce0.01Te	623	3.35		(SnTe)0.92(CuSbTe2)0.08	323	3.93
Sn0.99Ce0.01Te	723	2.6		(SnTe)0.92(CuSbTe2)0.08	430	3.79
Ag0.01Sn0.99Se	322	0.53		(SnTe)0.92(CuSbTe2)0.08	526	3.04
Ag0.01Sn0.99Se	418	0.41		(SnTe)0.92(CuSbTe2)0.08	620	2.45
Ag0.01Sn0.99Se	518	0.29		(SnTe)0.92(CuSbTe2)0.08	719	2.09
Ag0.01Sn0.99Se	567	0.29		(SnTe)0.92(CuSbTe2)0.08	818	1.74
Ag0.01Sn0.99Se	616	0.29		(SnTe)0.94(CuSbTe2)0.06	320	4.43
Ag0.01Sn0.99Se	666	0.29		(SnTe)0.94(CuSbTe2)0.06	427	4.24
Ag0.01Sn0.99Se	763	0.27		(SnTe)0.94(CuSbTe2)0.06	525	3.81
Ag0.01Sn0.99Se	813	0.23		(SnTe)0.94(CuSbTe2)0.06	621	3.06
SnTe0.1AgSbSe2	300	2.45		(SnTe)0.94(CuSbTe2)0.06	722	2.44
SnTe0.1AgSbSe2	400	2.44		(SnTe)0.94(CuSbTe2)0.06	818	1.95
SnTe0.1AgSbSe2	500	2.29		(SnTe)0.96(CuSbTe2)0.04	321	5.63
SnTe0.1AgSbSe2	600	2.06		(SnTe)0.96(CuSbTe2)0.04	430	5.03
SnTe0.1AgSbSe2	650	1.97		(SnTe)0.96(CuSbTe2)0.04	525	4.39
SnTe0.1AgSbSe2	700	1.9		(SnTe)0.96(CuSbTe2)0.04	620	3.45
SnTe0.1AgSbSe2	750	1.88		(SnTe)0.96(CuSbTe2)0.04	722	2.77
SnTe0.1AgSbSe2	800	1.91		(SnTe)0.96(CuSbTe2)0.04	818	2.14
SnTe0.2AgSbSe2	300	1.29		(SnTe)0.98(CuSbTe2)0.02	320	6.99

SnTe0.2AgSbSe2	400	1.27		(SnTe)0.98(CuSbTe2)0.02	427	6.23
SnTe0.2AgSbSe2	500	1.2		(SnTe)0.98(CuSbTe2)0.02	524	5.2
SnTe0.2AgSbSe2	600	1.09		(SnTe)0.98(CuSbTe2)0.02	625	4.02
SnTe0.2AgSbSe2	650	1.08		(SnTe)0.98(CuSbTe2)0.02	722	3.09
SnTe0.2AgSbSe2	800	1.21		(SnTe)0.98(CuSbTe2)0.02	818	2.61
NbCoSn0.9Sb0.1	338	6.71		Bi0.84Pb0.08Yb0.08CuSeO	347	0.73
NbCoSn0.9Sb0.1	430	6.18		Bi0.84Pb0.08Yb0.08CuSeO	446	0.66
NbCoSn0.9Sb0.1	530	5.79		Bi0.84Pb0.08Yb0.08CuSeO	543	0.58
NbCoSn0.9Sb0.1	628	5.4		Bi0.84Pb0.08Yb0.08CuSeO	640	0.52
NbCoSn0.9Sb0.1	728	5.06		Bi0.84Pb0.08Yb0.08CuSeO	741	0.47
NbCoSn0.9Sb0.1	826	4.77		Bi0.84Pb0.08Yb0.08CuSeO	847	0.45
NbCoSn0.9Sb0.1	924	4.53		Bi0.88Pb0.06Yb0.06CuSeO	347	0.65
(SnTe)10Sb2Te3	323	2.37		Bi0.88Pb0.06Yb0.06CuSeO	446	0.57
(SnTe)10Sb2Te3	423	2.19		Bi0.88Pb0.06Yb0.06CuSeO	543	0.52
(SnTe)10Sb2Te3	523	1.9		Bi0.88Pb0.06Yb0.06CuSeO	640	0.48
(SnTe)10Sb2Te3	623	1.67		Bi0.88Pb0.06Yb0.06CuSeO	741	0.43
(SnTe)10Sb2Te3	673	1.62		Bi0.88Pb0.06Yb0.06CuSeO	850	0.41
(SnTe)10Sb2Te3	723	1.66		Bi0.92Pb0.04Yb0.04CuSeO	350	0.71
(SnTe)10Sb2Te3	773	1.76		Bi0.92Pb0.04Yb0.04CuSeO	450	0.64
(SnTe)12Sb2Te3	323	2.91		Bi0.92Pb0.04Yb0.04CuSeO	548	0.57
(SnTe)12Sb2Te3	423	2.7		Bi0.92Pb0.04Yb0.04CuSeO	645	0.51
(SnTe)12Sb2Te3	523	2.33		Bi0.92Pb0.04Yb0.04CuSeO	747	0.45
(SnTe)12Sb2Te3	623	2		Bi0.92Pb0.04Yb0.04CuSeO	847	0.43
(SnTe)12Sb2Te3	673	1.9		Bi0.96Pb0.02Yb0.02CuSeO	343	0.8
(SnTe)12Sb2Te3	723	1.88		Bi0.96Pb0.02Yb0.02CuSeO	446	0.74
(SnTe)12Sb2Te3	773	1.95		Bi0.96Pb0.02Yb0.02CuSeO	543	0.66
(SnTe)15Sb2Te3	323	3.54		Bi0.96Pb0.02Yb0.02CuSeO	640	0.58
(SnTe)15Sb2Te3	423	3.3		Bi0.96Pb0.02Yb0.02CuSeO	747	0.52
(SnTe)15Sb2Te3	523	2.88		Bi0.96Pb0.02Yb0.02CuSeO	847	0.49
(SnTe)15Sb2Te3	623	2.39		La(Mg0.25Al0.5Ta0.25)O3	300	2.07
(SnTe)15Sb2Te3	673	2.18		La(Mg0.25Al0.5Ta0.25)O3	350	2.04
(SnTe)15Sb2Te3	723	2.11		La(Mg0.25Al0.5Ta0.25)O3	400	2.01

(SnTe)15Sb2Te3	773	2.13		La(Mg0.25Al0.5Ta0.25)O3	450	1.95
(SnTe)20Sb2Te3	323	4.24		La(Mg0.25Al0.5Ta0.25)O3	500	1.87
(SnTe)20Sb2Te3	423	3.98		La(Mg0.25Al0.5Ta0.25)O3	550	1.82
(SnTe)20Sb2Te3	523	3.42		La(Mg0.25Al0.5Ta0.25)O3	600	1.81
(SnTe)20Sb2Te3	623	2.81		(Sn0.8Ge0.2)0.82Mn0.18Te	300	2.13
(SnTe)20Sb2Te3	673	2.51		(Sn0.8Ge0.2)0.82Mn0.18Te	673	1.54
(SnTe)20Sb2Te3	723	2.37		(Sn0.8Ge0.2)0.82Mn0.18Te	773	1.54
(SnTe)20Sb2Te3	773	2.31		(Sn0.8Ge0.2)0.82Mn0.18Te	873	1.51
(SnTe)25Sb2Te3	323	4.28		(Sn0.8Ge0.2)0.85Mn0.15Te	373	1.98
(SnTe)25Sb2Te3	423	4		(Sn0.8Ge0.2)0.85Mn0.15Te	473	1.73
(SnTe)25Sb2Te3	523	3.46		(Sn0.8Ge0.2)0.85Mn0.15Te	573	1.64
(SnTe)25Sb2Te3	623	2.81		(Sn0.8Ge0.2)0.85Mn0.15Te	673	1.55
(SnTe)25Sb2Te3	673	2.54		(Sn0.8Ge0.2)0.85Mn0.15Te	773	1.41
(SnTe)25Sb2Te3	723	2.31		(Sn0.8Ge0.2)0.85Mn0.15Te	873	1.38
(SnTe)25Sb2Te3	773	2.17		(Sn0.8Ge0.2)0.88Mn0.12Te	298	2.56
(SnTe)40Sb2Te3	323	5.53		(Sn0.8Ge0.2)0.88Mn0.12Te	373	2.49
(SnTe)40Sb2Te3	423	5.09		(Sn0.8Ge0.2)0.88Mn0.12Te	473	2.06
(SnTe)40Sb2Te3	523	4.39		(Sn0.8Ge0.2)0.88Mn0.12Te	573	1.95
(SnTe)40Sb2Te3	623	3.56		(Sn0.8Ge0.2)0.88Mn0.12Te	673	1.83
(SnTe)40Sb2Te3	673	3.16		(Sn0.8Ge0.2)0.88Mn0.12Te	773	1.74
(SnTe)40Sb2Te3	723	2.8		(Sn0.8Ge0.2)0.88Mn0.12Te	873	1.68
(SnTe)40Sb2Te3	773	2.59		(Sn0.8Ge0.2)0.91Mn0.09Te	373	2.53
Sn0.91Mn0.09Te	331	3.93		(Sn0.8Ge0.2)0.91Mn0.09Te	473	2.21
Sn0.91Mn0.09Te	424	3.67		(Sn0.8Ge0.2)0.91Mn0.09Te	573	2.11
Sn0.91Mn0.09Te	524	3.29		(Sn0.8Ge0.2)0.91Mn0.09Te	773	1.94
Sn0.91Mn0.09Te	622	3		(Sn0.8Ge0.2)0.94Mn0.06Te	373	2.88
Sn0.91Mn0.09Te	720	2.58		(Sn0.8Ge0.2)0.94Mn0.06Te	473	2.58
Sn0.91Mn0.09Te	769	2.38		(Sn0.8Ge0.2)0.94Mn0.06Te	573	2.46
Sn0.95Mn0.05Te	332	5.66		(Sn0.8Ge0.2)0.94Mn0.06Te	673	2.21
Sn0.95Mn0.05Te	424	5.32		(Sn0.8Ge0.2)0.94Mn0.06Te	773	2.05
Sn0.95Mn0.05Te	524	4.75		(Sn0.8Ge0.2)0.94Mn0.06Te	873	1.88
Sn0.95Mn0.05Te	622	4.11		(Sn0.8Ge0.2)0.97Mn0.03Te	573	2.98

Sn0.95Mn0.05Te	720	3.46		(Sn0.8Ge0.2)0.97Mn0.03Te	673	2.679
Sn0.95Mn0.05Te	769	3.17		(Sn0.8Ge0.2)0.97Mn0.03Te	773	2.36
Sn0.97Mn0.03Te	331	6.34		(Sn0.8Ge0.2)0.97Mn0.03Te	873	2.04
Sn0.97Mn0.03Te	426	5.8		LaCo0.5(Ni0.5Fe0.5)0.5O3	300	0.07
Sn0.97Mn0.03Te	527	5.03		LaCo0.8(Ni0.5Fe0.5)0.2O3	300	0.16
Sn0.97Mn0.03Te	625	4.22		LaCo0.9(Ni0.5Fe0.5)0.1O3	300	0.48
Sn0.97Mn0.03Te	723	3.42		Ba8Ga15.88Zn0.007Sn30.12	300	1
Sn0.97Mn0.03Te	772	3.05		Ba8Ga15.88Zn0.007Sn30.12	340	0.94
Sn0.99Mn0.01Te	332	8.46		Ba8Ga15.88Zn0.007Sn30.12	380	0.91
Sn0.99Mn0.01Te	424	7.51		Ba8Ga15.88Zn0.007Sn30.12	580	1.25
Sn0.99Mn0.01Te	524	6.34		Ba8Ga15.88Zn0.007Sn30.12	420	0.89
Sn0.99Mn0.01Te	621	5.18		Ba8Ga15.88Zn0.007Sn30.12	540	1.03
Sn0.99Mn0.01Te	719	4.11		Ba8Ga15.88Zn0.007Sn30.12	460	0.89
Sn0.99Mn0.01Te	768	3.62		Ba8Ga15.88Zn0.007Sn30.12	500	0.92
Ti0.95Al0.05O2	296	5.67		Nb0.75Ta0.25CoSn0.9Sb0.1	338	4.6
Ti0.96Al0.04O2	296	5.72		Nb0.75Ta0.25CoSn0.9Sb0.1	430	4.49
Ti0.97Al0.03O2	296	5.81		Nb0.75Ta0.25CoSn0.9Sb0.1	530	4.35
Ti0.98Al0.02O2	296	5.88		Nb0.75Ta0.25CoSn0.9Sb0.1	628	4.19
Ti0.99Al0.01O2	296	6.24		Nb0.75Ta0.25CoSn0.9Sb0.1	728	3.91
Tl0.8Co4SnSb11	50	2.28		Nb0.75Ta0.25CoSn0.9Sb0.1	826	3.72
Tl0.8Co4SnSb11	100	2.58		Nb0.75Ta0.25CoSn0.9Sb0.1	924	3.56
Tl0.8Co4SnSb11	150	2.22		Nb0.85Ta0.15CoSn0.9Sb0.1	338	4.98
Tl0.8Co4SnSb11	200	2.24		Nb0.85Ta0.15CoSn0.9Sb0.1	430	4.8
Tl0.8Co4SnSb11	250	2.26		Nb0.85Ta0.15CoSn0.9Sb0.1	530	4.7
NbCo0.9Ni0.1Sn	382	9.26		Nb0.85Ta0.15CoSn0.9Sb0.1	628	4.43
NbCo0.9Ni0.1Sn	492	8.1		Nb0.85Ta0.15CoSn0.9Sb0.1	728	4.26
NbCo0.9Ni0.1Sn	600	7.27		Nb0.85Ta0.15CoSn0.9Sb0.1	826	4.12
NbCo0.9Ni0.1Sn	703	6.69		Nb0.85Ta0.15CoSn0.9Sb0.1	924	3.96
NbCo0.9Ni0.1Sn	803	6.19		Nb0.95Ta0.05CoSn0.9Sb0.1	338	5.56
NbCo0.9Ni0.1Sn	902	5.83		Nb0.95Ta0.05CoSn0.9Sb0.1	430	5.25
NbCo0.9Ni0.1Sn	1001	5.5		Nb0.95Ta0.05CoSn0.9Sb0.1	530	4.96
Ba0.9Sr0.1ZrO3	300	1.21		Nb0.95Ta0.05CoSn0.9Sb0.1	628	4.77

Ba0.8Sr0.2ZrO3	300	0.81		Nb0.95Ta0.05CoSn0.9Sb0.1	728	4.55
Ba0.7Sr0.3ZrO3	300	0.63		Nb0.95Ta0.05CoSn0.9Sb0.1	826	4.34
Ba0.6Sr0.4ZrO3	300	0.58		Nb0.95Ta0.05CoSn0.9Sb0.1	924	4.24
Ba0.9Ca0.1ZrO3	300	0.89		Sn1.03Se0.12Te0.87Br0.01	323	4.61
Ba0.8Ca0.2ZrO3	300	0.83		Sn1.03Se0.12Te0.87Br0.01	423	3.92
Ba0.7Ca0.3ZrO3	300	0.86		Sn1.03Se0.12Te0.87Br0.01	523	3.2
Ba0.6Ca0.4ZrO3	300	0.85		Sn1.03Se0.12Te0.87Br0.01	623	2.51
BaZr0.9Ti0.1O3	300	0.846		Sn1.03Se0.12Te0.87Br0.01	723	2.11
BaZr0.8Ti0.2O3	300	0.937		Sn1.03Se0.12Te0.87Br0.01	823	2.17
BaZr0.7Ti0.3O3	300	0.58		Zn0.1Ca0.1Sr0.4Ba0.4ZrO3	290	1.44
BaZr0.6Ti0.4O3	300	0.49		Zn0.1Ca0.1Sr0.4Ba0.4ZrO3	373	1.53
BaZr0.9Ce0.1O3	300	0.88		Zn0.1Ca0.1Sr0.4Ba0.4ZrO3	473	1.53
BaZr0.8Ce0.2O3	300	1.04		Zn0.1Ca0.1Sr0.4Ba0.4ZrO3	573	1.56
BaZr0.7Ce0.3O3	300	0.42		Zn0.1Ca0.1Sr0.4Ba0.4ZrO3	673	1.6
BaZr0.6Ce0.4O3	300	0.34		Pr1.8Sr0.2CoFe0.9Ni0.1O6	323	0.88
Ca0.8Sr0.2ZrO3	290	3.22		Pr1.8Sr0.2CoFe0.9Ni0.1O6	373	0.91
Ca0.8Sr0.2ZrO3	370	2.86		Pr1.8Sr0.2CoFe0.9Ni0.1O6	473	0.81
Ca0.8Sr0.2ZrO3	470	2.6		Pr1.8Sr0.2CoFe0.9Ni0.1O6	573	0.83
Ca0.8Sr0.2ZrO3	570	2.48		Pr1.8Sr0.2CoFe0.9Ni0.1O6	673	0.85
Ca0.8Sr0.2ZrO3	670	2.32		Zn0.875Cd0.125Sc0.02O1.03	300	6.75
Ca0.6Sr0.4ZrO3	290	3.17		Zn0.875Cd0.125Sc0.02O1.03	373	5.67
Ca0.6Sr0.4ZrO3	370	2.82		Zn0.875Cd0.125Sc0.02O1.03	473	5.08
Ca0.6Sr0.4ZrO3	470	2.64		Zn0.875Cd0.125Sc0.02O1.03	573	4.25
Ca0.6Sr0.4ZrO3	570	2.46		Zn0.875Cd0.125Sc0.02O1.03	673	3.83
Ca0.6Sr0.4ZrO3	670	2.29		Zn0.875Cd0.125Sc0.02O1.03	773	3.58
Ca0.4Sr0.6ZrO3	290	3.02		Zn0.875Cd0.125Sc0.02O1.03	873	3.3
Ca0.4Sr0.6ZrO3	370	2.71		Zn0.875Cd0.125Sc0.02O1.03	973	3
Ca0.4Sr0.6ZrO3	470	2.49		Zn0.875Cd0.125Sc0.02O1.03	1073	2.85
Ca0.4Sr0.6ZrO3	570	2.34		Zn0.875Cd0.125Sc0.02O1.03	1173	2.58
Ca0.4Sr0.6ZrO3	670	2.81		Cu5.133Sn1.866S6.65Cl0.35	300	2.33
Ca0.2Sr0.8ZrO3	290	3		Cu5.133Sn1.866S6.65Cl0.35	415	1.94
Ca0.2Sr0.8ZrO3	370	2.77		Cu5.133Sn1.866S6.65Cl0.35	515	1.69

Ca0.2Sr0.8ZrO3	470	2.47		Cu5.133Sn1.866S6.65Cl0.35	617	1.5
Ca0.2Sr0.8ZrO3	570	2.32		Cu5.133Sn1.866S6.65Cl0.35	667	1.44
Ca0.2Sr0.8ZrO3	670	2.22		(Cu3SnS4)0.85(Ga2Te3)0.15	331	1.78
La0.8Sr0.2CoO3	325	1.66		(Cu3SnS4)0.85(Ga2Te3)0.15	429	1.63
La0.8Sr0.2CoO3	375	1.71		(Cu3SnS4)0.85(Ga2Te3)0.15	527	1.43
La0.8Sr0.2CoO3	425	1.73		(Cu3SnS4)0.85(Ga2Te3)0.15	624	1.24
La0.8Sr0.2CoO3	475	1.75		(Cu3SnS4)0.85(Ga2Te3)0.15	674	1.2
La0.8Sr0.2CoO3	525	1.73		(Cu3SnS4)0.85(Ga2Te3)0.15	741	1.04
La0.8Sr0.2CoO3	575	1.72		(Cu3SnS4)0.85(Ga2Te3)0.15	800	0.72
La0.8Sr0.2CoO3	625	1.72		In4Pb0.01Sn0.03Se2.9Cl0.02	323	0.95
Ba0.8Sr0.2TiO3	300	4.84		In4Pb0.01Sn0.03Se2.9Cl0.02	373	0.85
Ba0.7Sr0.3TiO3	300	6.98		In4Pb0.01Sn0.03Se2.9Cl0.02	473	0.74
Pr0.5Sr0.5MnO3	100	1.74		In4Pb0.01Sn0.03Se2.9Cl0.02	523	0.69
Pr0.5Sr0.5MnO3	200	2.74		In4Pb0.01Sn0.03Se2.9Cl0.02	623	0.59
Pr0.5Sr0.5MnO3	300	2.26		In4Pb0.01Sn0.03Se2.9Cl0.02	673	0.57
La0.7Ag0.3MnO3	300	12.85		In4Pb0.01Sn0.03Se2.9Cl0.02	723	0.56
Cu2.1Cd0.9SnSe4	300	2.05		In4Pb0.01Sn0.03Se2.9Cl0.04	323	0.91
Cu2.1Cd0.9SnSe4	350	1.71		In4Pb0.01Sn0.03Se2.9Cl0.04	623	0.58
Cu2.1Cd0.9SnSe4	400	1.45		In4Pb0.01Sn0.03Se2.9Cl0.04	673	0.55
Cu2.1Cd0.9SnSe4	450	1.22		In4Pb0.01Sn0.03Se2.9Cl0.04	723	0.54
Cu2.1Cd0.9SnSe4	500	1.01		In4Pb0.01Sn0.03Se2.9Cl0.06	323	0.94
Cu2.1Cd0.9SnSe4	550	0.83		In4Pb0.01Sn0.03Se2.9Cl0.06	373	0.84
Cu2.1Cd0.9SnSe4	600	0.72		In4Pb0.01Sn0.03Se2.9Cl0.06	423	0.77
Cu2.1Cd0.9SnSe4	650	0.6		In4Pb0.01Sn0.03Se2.9Cl0.06	523	0.67
Cu2.1Cd0.9SnSe4	700	0.5		In4Pb0.01Sn0.03Se2.9Cl0.06	473	0.72
Ca3Co3.7Ti0.3O9	300	2.3		In4Pb0.01Sn0.03Se2.9Cl0.06	573	0.61
Ca3Co3.7Ti0.3O9	500	2.17		In4Pb0.01Sn0.03Se2.9Cl0.06	623	0.57
Ca3Co3.7Ti0.3O9	700	2.01		In4Pb0.01Sn0.03Se2.9Cl0.06	673	0.54
Ca3Co3.7Ti0.3O9	900	1.89		In4Pb0.01Sn0.03Se2.9Cl0.06	723	0.53
Ca3Co3.7Ti0.3O9	1000	1.79		Ba8.01Ga15.89Zn0.006Sn30.1	300	0.99
Ca3Co3.8Ti0.2O9	300	2.49		Ba8.01Ga15.89Zn0.006Sn30.1	340	0.93
Ca3Co3.8Ti0.2O9	500	2.31		Ba8.01Ga15.89Zn0.006Sn30.1	380	0.9

Ca3Co3.8Ti0.2O9	700	2.11		Ba8.01Ga15.89Zn0.006Sn30.1	580	1.25
Ca3Co3.8Ti0.2O9	900	1.99		Ba8.01Ga15.89Zn0.006Sn30.1	420	0.88
Ca3Co3.8Ti0.2O9	1000	1.92		Ba8.01Ga15.89Zn0.006Sn30.1	460	0.87
Ca3Co3.9Ti0.1O9	300	2.59		Ba8.01Ga15.89Zn0.006Sn30.1	540	1.02
Ca3Co3.9Ti0.1O9	500	2.43		Ba8.01Ga15.89Zn0.006Sn30.1	500	0.91
Ca3Co3.9Ti0.1O9	700	2.26		Ti0.95Mn0.05NiSn0.95Sb0.05	297	6.7
Ca3Co3.9Ti0.1O9	900	2.12		Ti0.95Mn0.05NiSn0.95Sb0.05	398	6.33
Ca3Co3.9Ti0.1O9	1000	2.03		Ti0.95Mn0.05NiSn0.95Sb0.05	498	6.05
Cu2Sn0.8Zn0.2S3	323	2.58		Ti0.95Mn0.05NiSn0.95Sb0.05	598	5.86
Cu2Sn0.8Zn0.2S3	423	2.26		Ti0.95Mn0.05NiSn0.95Sb0.05	697	5.64
Cu2Sn0.8Zn0.2S3	523	1.86		Ti0.95Mn0.05NiSn0.95Sb0.05	797	5.6
Cu2Sn0.8Zn0.2S3	623	1.55		Ti0.95Mn0.05NiSn0.95Sb0.05	871	5.72
Cu2Sn0.8Zn0.2S3	723	1.28		Ti0.97Mn0.03NiSn0.97Sb0.03	297	5.94
Cu2Sn0.9Zn0.1S3	323	1.88		Ti0.97Mn0.03NiSn0.97Sb0.03	398	5.63
Cu2Sn0.9Zn0.1S3	423	1.59		Ti0.97Mn0.03NiSn0.97Sb0.03	498	5.46
Cu2Sn0.9Zn0.1S3	523	1.37		Ti0.97Mn0.03NiSn0.97Sb0.03	598	5.4
Cu2Sn0.9Zn0.1S3	623	1.16		Ti0.97Mn0.03NiSn0.97Sb0.03	697	5.4
Cu2Sn0.9Zn0.1S3	723	0.83		Ti0.97Mn0.03NiSn0.97Sb0.03	797	5.48
Bi0.9Ag0.1CuSeO	323	0.56		Ti0.97Mn0.03NiSn0.97Sb0.03	871	5.54
Bi0.9Ag0.1CuSeO	373	0.56		Ti0.98Mn0.02NiSn0.98Sb0.02	297	6.13
Bi0.9Ag0.1CuSeO	423	0.55		Ti0.98Mn0.02NiSn0.98Sb0.02	398	5.8
Bi0.9Ag0.1CuSeO	473	0.53		Ti0.98Mn0.02NiSn0.98Sb0.02	498	5.6
Bi0.9Ag0.1CuSeO	523	0.52		Ti0.98Mn0.02NiSn0.98Sb0.02	598	5.58
Bi0.9Ag0.1CuSeO	573	0.5		Ti0.98Mn0.02NiSn0.98Sb0.02	697	5.56
Bi0.9Ag0.1CuSeO	623	0.5		Ti0.98Mn0.02NiSn0.98Sb0.02	797	5.64
Bi0.9Ag0.1CuSeO	673	0.48		Ti0.98Mn0.02NiSn0.98Sb0.02	871	5.85
Bi0.9Ag0.1CuSeO	723	0.46		Ti0.99Mn0.01NiSn0.99Sb0.01	297	6.23
Bi0.9Ag0.1CuSeO	773	0.45		Ti0.99Mn0.01NiSn0.99Sb0.01	398	5.83
Bi0.9Ag0.1CuSeO	823	0.44		Ti0.99Mn0.01NiSn0.99Sb0.01	498	5.52
Bi0.9Ag0.1CuSeO	873	0.43		Ti0.99Mn0.01NiSn0.99Sb0.01	598	5.46
SnTe0.15AgSbSe2	300	2.19		Ti0.99Mn0.01NiSn0.99Sb0.01	697	5.39
SnTe0.15AgSbSe2	400	2.16		Ti0.99Mn0.01NiSn0.99Sb0.01	797	5.6

SnTe0.15AgSbSe2	500	2.01		Ti0.99Mn0.01NiSn0.99Sb0.01	871	5.89
SnTe0.15AgSbSe2	600	1.8		Sn1.03Se0.12Te0.865Br0.015	323	4.58
SnTe0.15AgSbSe2	650	1.76		Sn1.03Se0.12Te0.865Br0.015	423	3.88
SnTe0.15AgSbSe2	700	1.71		Sn1.03Se0.12Te0.865Br0.015	523	3.1
SnTe0.15AgSbSe2	800	1.72		Sn1.03Se0.12Te0.865Br0.015	623	2.43
SnTe0.25AgSbSe2	300	1.85		Sn1.03Se0.12Te0.865Br0.015	723	2.08
SnTe0.25AgSbSe2	400	1.83		Sn1.03Se0.12Te0.865Br0.015	823	2.11
SnTe0.25AgSbSe2	500	1.71		Sn1.03Se0.12Te0.875Br0.005	323	4.96
SnTe0.25AgSbSe2	600	1.61		Sn1.03Se0.12Te0.875Br0.005	423	4.2
SnTe0.25AgSbSe2	650	1.59		Sn1.03Se0.12Te0.875Br0.005	523	3.34
SnTe0.25AgSbSe2	700	1.62		Sn1.03Se0.12Te0.875Br0.005	623	2.6
SnTe0.25AgSbSe2	750	1.66		Sn1.03Se0.12Te0.875Br0.005	723	2.18
SnTe0.25AgSbSe2	800	1.74		Sn1.03Se0.12Te0.875Br0.005	823	2.2
Bi0.8Ba0.2CuSeO	319	0.89		(Zr0.5Hf0.5)0.87Y0.13O1.93	373	1.52
Bi0.8Ba0.2CuSeO	420	0.8		(Zr0.5Hf0.5)0.87Y0.13O1.93	473	1.5
Bi0.8Ba0.2CuSeO	522	0.74		(Zr0.5Hf0.5)0.87Y0.13O1.93	573	1.5
Bi0.8Ba0.2CuSeO	623	0.71		(Zr0.5Hf0.5)0.87Y0.13O1.93	673	1.5
Bi0.8Ba0.2CuSeO	725	0.69		(Zr0.5Hf0.5)0.87Y0.13O1.93	773	1.52
Bi0.8Ba0.2CuSeO	825	0.69		Ba8.01Ga15.83Zn0.019Sn30.15	300	0.86
Cu1.9Ag0.1SnSe3	300	1.19		Ba8.01Ga15.83Zn0.019Sn30.15	340	0.83
Cu1.9Ag0.1SnSe3	400	0.97		Ba8.01Ga15.83Zn0.019Sn30.15	380	0.79
Cu1.9Ag0.1SnSe3	500	0.73		Ba8.01Ga15.83Zn0.019Sn30.15	580	1.27
Cu1.9Ag0.1SnSe3	600	0.63		Ba8.01Ga15.83Zn0.019Sn30.15	540	1.03
Cu1.9Ag0.1SnSe3	700	0.52		Ba8.01Ga15.83Zn0.019Sn30.15	420	0.76
Cu1.9Ag0.1SnSe3	800	0.41		Ba8.01Ga15.83Zn0.019Sn30.15	500	0.86
Bi0.9Pb0.1CuSeO	50	2.04		Ba8.01Ga15.83Zn0.019Sn30.15	460	0.78
Bi0.9Pb0.1CuSeO	100	2.17		Ba8.01Ga15.88Zn0.009Sn30.11	300	0.95
Bi0.9Pb0.1CuSeO	150	2.17		Ba8.01Ga15.88Zn0.009Sn30.11	340	0.88
Bi0.9Pb0.1CuSeO	250	2.1		Ba8.01Ga15.88Zn0.009Sn30.11	380	0.85
Mg2Sn0.99Sb0.01	350	6		Ba8.01Ga15.88Zn0.009Sn30.11	420	0.83
Mg2Sn0.99Sb0.01	444	4.78		Ba8.01Ga15.88Zn0.009Sn30.11	580	1.19
Mg2Sn0.99Sb0.01	544	4.65		Ba8.01Ga15.88Zn0.009Sn30.11	460	0.82

Mg2Sn0.99Sb0.01	646	4.43		Ba8.01Ga15.88Zn0.009Sn30.11	540	0.97
Mg2Sn0.98Sb0.02	350	7.1		Ba8.01Ga15.88Zn0.009Sn30.11	500	0.86
Mg2Sn0.98Sb0.02	444	5.73		(Cu3SnS4)0.875(Ga2Te3)0.125	331	2.41
Mg2Sn0.98Sb0.02	544	5.17		(Cu3SnS4)0.875(Ga2Te3)0.125	429	2.19
Mg2Sn0.98Sb0.02	646	4.67		(Cu3SnS4)0.875(Ga2Te3)0.125	527	1.93
La1.7Gd0.3Zr2O7	573	2.84		(Cu3SnS4)0.875(Ga2Te3)0.125	624	1.68
La1.7Gd0.3Zr2O7	600	2.68		(Cu3SnS4)0.875(Ga2Te3)0.125	674	1.53
La1.7Gd0.3Zr2O7	650	2.59		(Cu3SnS4)0.875(Ga2Te3)0.125	741	1.38
La1.7Gd0.3Zr2O7	673	2.5		(Cu3SnS4)0.895(Ga2Te3)0.105	331	2.95
La1.7Gd0.3Zr2O7	700	2.43		(Cu3SnS4)0.895(Ga2Te3)0.105	405	2.89
La1.7Yb0.3Zr2O7	550	2.67		(Cu3SnS4)0.895(Ga2Te3)0.105	479	2.64
La1.7Yb0.3Zr2O7	580	2.35		(Cu3SnS4)0.895(Ga2Te3)0.105	554	2.36
La1.7Yb0.3Zr2O7	620	2.23		(Cu3SnS4)0.895(Ga2Te3)0.105	627	2.27
La1.7Yb0.3Zr2O7	673	2.24		(Cu3SnS4)0.895(Ga2Te3)0.105	700	2.18
La1.7Yb0.3Zr2O7	710	2.16		(Cu3SnS4)0.895(Ga2Te3)0.105	746	1.48
Ca2.5Bi0.5Co4O9	310	1.11		(Cu3SnS4)0.895(Ga2Te3)0.105	798	0.83
Ca2.5Bi0.5Co4O9	380	1.14		(Cu3SnS4)0.915(Ga2Te3)0.085	331	3.84
Ca2.5Bi0.5Co4O9	480	1.15		(Cu3SnS4)0.915(Ga2Te3)0.085	405	3.74
Ca2.5Bi0.5Co4O9	580	1.22		(Cu3SnS4)0.915(Ga2Te3)0.085	479	3.43
Ca2.5Bi0.5Co4O9	680	1.19		(Cu3SnS4)0.915(Ga2Te3)0.085	554	3.18
Ca3Co3.8Fe0.2O9	330	1.48		(Cu3SnS4)0.915(Ga2Te3)0.085	627	3.15
Ca3Co3.8Fe0.2O9	480	1.45		(Cu3SnS4)0.915(Ga2Te3)0.085	700	2.77
Ca3Co3.8Fe0.2O9	600	1.42		(Cu3SnS4)0.915(Ga2Te3)0.085	741	1.98
Ca3Co3.8Fe0.2O9	730	1.4		(Cu3SnS4)0.915(Ga2Te3)0.085	798	0.93
Bi2Sr1.8Co2O7.7	473	0.8		Ge0.6Sb0.2Te0.8(AgSnSe2)0.2	323	0.83
Na0.03Sn0.965Se	300	0.6		Ge0.6Sb0.2Te0.8(AgSnSe2)0.2	423	0.84
Na0.03Sn0.965Se	330	0.57		Ge0.6Sb0.2Te0.8(AgSnSe2)0.2	523	0.81
Na0.03Sn0.965Se	370	0.48		Ge0.6Sb0.2Te0.8(AgSnSe2)0.2	623	0.79
Na0.03Sn0.965Se	430	0.42		Ge0.6Sb0.2Te0.8(AgSnSe2)0.2	723	0.93
Na0.03Sn0.965Se	480	0.36		Mg2.16(Si0.4Sn0.6)0.97Bi0.03	300	2.77
Na0.03Sn0.965Se	530	0.32		Mg2.16(Si0.4Sn0.6)0.97Bi0.03	400	2.55
Na0.03Sn0.965Se	580	0.28		Mg2.16(Si0.4Sn0.6)0.97Bi0.03	500	2.39

Na0.03Sn0.965Se	630	0.24		Mg2.16(Si0.4Sn0.6)0.97Bi0.03	600	2.3
Na0.03Sn0.965Se	680	0.22		Mg2.16(Si0.4Sn0.6)0.97Bi0.03	700	2.28
Sr0.21Co4Sb12.25	300	4.87		Mg2.16(Si0.4Sn0.6)0.97Bi0.03	800	2.33
Sr0.21Co4Sb12.25	350	4.58		Mg2.16(Si0.4Sn0.6)0.98Bi0.02	300	2.77
Sr0.21Co4Sb12.25	400	4.29		Mg2.16(Si0.4Sn0.6)0.98Bi0.02	400	2.52
Sr0.21Co4Sb12.25	450	4.11		Mg2.16(Si0.4Sn0.6)0.98Bi0.02	500	2.37
Sr0.21Co4Sb12.25	500	3.92		Mg2.16(Si0.4Sn0.6)0.98Bi0.02	600	2.29
Sr0.21Co4Sb12.25	550	3.8		Mg2.16(Si0.4Sn0.6)0.98Bi0.02	700	2.27
Sr0.21Co4Sb12.25	600	3.68		Mg2.16(Si0.4Sn0.6)0.98Bi0.02	800	2.31
Sr0.21Co4Sb12.25	650	3.65		Mg2.16(Si0.4Sn0.6)0.99Bi0.01	300	2.55
Sr0.21Co4Sb12.25	700	3.62		Mg2.16(Si0.4Sn0.6)0.99Bi0.01	400	2.24
Sr0.21Co4Sb12.25	750	3.65		Mg2.16(Si0.4Sn0.6)0.99Bi0.01	500	2.05
Sr0.21Co4Sb12.25	800	3.68		Mg2.16(Si0.4Sn0.6)0.99Bi0.01	600	1.99
Sr0.21Co4Sb12.25	850	3.8		Mg2.16(Si0.4Sn0.6)0.99Bi0.01	800	2.2
AgSn15.0BiTe17.0	300	2.6		Mg2.16(Si0.4Sn0.6)0.99Bi0.01	700	2.04
AgSn15.0BiTe17.0	400	2.41		Ge0.55Sb0.25Te0.8(AgSnSe2)0.2	323	0.76
AgSn15.0BiTe17.0	500	2.09		Ge0.55Sb0.25Te0.8(AgSnSe2)0.2	423	0.76
AgSn15.0BiTe17.0	600	1.77		Ge0.55Sb0.25Te0.8(AgSnSe2)0.2	523	0.72
AgSn25.0BiTe27.0	300	3.41		Ge0.55Sb0.25Te0.8(AgSnSe2)0.2	623	0.74
AgSn25.0BiTe27.0	400	3.19		Ge0.55Sb0.25Te0.8(AgSnSe2)0.2	723	0.88
AgSn25.0BiTe27.0	500	2.87		Ge0.58Sb0.22Te0.8(AgSnSe2)0.2	323	0.74
AgSn25.0BiTe27.0	600	2.53		Ge0.58Sb0.22Te0.8(AgSnSe2)0.2	423	0.74
Sr15Ga29.5Ge55.6	375	1.02		Ge0.58Sb0.22Te0.8(AgSnSe2)0.2	523	0.69
Sr15Ga29.5Ge55.6	774	1.56		Ge0.58Sb0.22Te0.8(AgSnSe2)0.2	623	0.71
Sr15Ga29.5Ge55.6	468	1.05		Ge0.58Sb0.22Te0.8(AgSnSe2)0.2	723	0.86
Sr15Ga29.5Ge55.6	568	1.21		(Sn0.9Pb0.1Se)0.6(AgSbTe2)0.4	523	0.68
Sr15Ga29.5Ge55.6	669	1.22		Mg2.16(Si0.4Sn0.6)0.985Bi0.015	300	2.68
LaCo0.75Fe0.25O3	300	0.31		Mg2.16(Si0.4Sn0.6)0.985Bi0.015	400	2.44
LaCo0.75Ni0.25O3	300	0.33		Mg2.16(Si0.4Sn0.6)0.985Bi0.015	500	2.27
LaCo0.95Fe0.05O3	300	0.29		Mg2.16(Si0.4Sn0.6)0.985Bi0.015	600	2.19
LaCo0.95Ni0.05O3	300	0.55		Mg2.16(Si0.4Sn0.6)0.985Bi0.015	700	2.19
La0.15Ca0.85TiO3	432	3.85		Mg2.16(Si0.4Sn0.6)0.985Bi0.015	800	2.27

La0.15Ca0.85TiO3	538	3.5		Mg2.16(Si0.4Sn0.6)0.995Bi0.005	300	2.26
La0.15Ca0.85TiO3	640	3.21		Mg2.16(Si0.4Sn0.6)0.995Bi0.005	520	1.77
La0.15Ca0.85TiO3	740	3.04		Mg2.16(Si0.4Sn0.6)0.995Bi0.005	760	2.04
La0.25Ca0.75TiO3	321	4.06		Mg2.16(Si0.4Sn0.6)0.995Bi0.005	620	1.74
La0.25Ca0.75TiO3	432	3.66		Ti0.925Mn0.075NiSn0.925Sb0.075	297	7.13
La0.25Ca0.75TiO3	538	3.3		Ti0.925Mn0.075NiSn0.925Sb0.075	398	6.77
La0.25Ca0.75TiO3	640	3.07		Ti0.925Mn0.075NiSn0.925Sb0.075	498	6.45
La0.25Ca0.75TiO3	740	2.97		Ti0.925Mn0.075NiSn0.925Sb0.075	598	6.22
La0.25Ca0.75TiO3	840	2.9		Ti0.925Mn0.075NiSn0.925Sb0.075	697	5.97
La0.25Ca0.75TiO3	1016	2.65		Ti0.925Mn0.075NiSn0.925Sb0.075	797	5.9
Mg2.16Si0.4Sn0.6	620	1.7		Ti0.925Mn0.075NiSn0.925Sb0.075	871	5.89
Mg2.16Si0.4Sn0.6	760	2.41		(Sn0.985In0.015Te)0.9(AgCl)0.1	323	3.89
Cu5.133Sn1.866S7	300	6.56		(Sn0.985In0.015Te)0.9(AgCl)0.1	423	3.58
Cu5.133Sn1.866S7	415	5.21		(Sn0.985In0.015Te)0.9(AgCl)0.1	523	3.32
Cu5.133Sn1.866S7	515	4.28		(Sn0.985In0.015Te)0.9(AgCl)0.1	623	3
Cu5.133Sn1.866S7	617	3.64		(Sn0.985In0.015Te)0.9(AgCl)0.1	723	2.62
Cu5.133Sn1.866S7	667	3.35		(Sn0.985In0.015Te)0.9(AgCl)0.1	823	2.26
ZrNiSn0.98Bi0.02	303	9.72		(Sn0.985In0.015Te)0.95(AgCl)0.05	323	5.57
ZrNiSn0.98Bi0.02	475	7.84		(Sn0.985In0.015Te)0.95(AgCl)0.05	423	5.19
ZrNiSn0.98Bi0.02	673	6.85		(Sn0.985In0.015Te)0.95(AgCl)0.05	523	4.7
ZrNiSn0.98Bi0.02	771	6.75		(Sn0.985In0.015Te)0.95(AgCl)0.05	623	4.03
ZrNiSn0.98Bi0.02	871	7		(Sn0.985In0.015Te)0.95(AgCl)0.05	723	3.63
Cu2.075Sn0.925S3	300	4.33		(Sn0.985In0.015Te)0.85(AgCl)0.15	323	4
Cu2.075Sn0.925S3	400	3.77		(Sn0.985In0.015Te)0.85(AgCl)0.15	423	3.59
Cu2.075Sn0.925S3	500	3.27		(Sn0.985In0.015Te)0.85(AgCl)0.15	523	3.37
Cu2.075Sn0.925S3	600	2.86		(Sn0.985In0.015Te)0.85(AgCl)0.15	623	2.98
Cu2.075Sn0.925S3	700	2.51		(Sn0.985In0.015Te)0.85(AgCl)0.15	723	2.58
Ba1.4Bi0.6CoRuO6	318	1.2		(Sn0.985In0.015Te)0.85(AgCl)0.15	823	2.18
Ba1.4Bi0.6CoRuO6	418	1.17		(Ag0.1Sb0.1Sn0.8)(S0.1Se0.1Te0.8)	303	1.81
Ba1.4Bi0.6CoRuO6	518	1.14		(Ag0.1Sb0.1Sn0.8)(S0.1Se0.1Te0.8)	434	1.7
Ba1.4Bi0.6CoRuO6	618	1.09		(Ag0.1Sb0.1Sn0.8)(S0.1Se0.1Te0.8)	593	1.39
Ba1.6Bi0.4CoRuO6	318	1.32		(Ag0.1Sb0.1Sn0.8)(S0.1Se0.1Te0.8)	755	1.43

Ba1.6Bi0.4CoRuO6	418	1.28		(Ag0.1Sb0.1Sn0.8)(S0.1Se0.1Te0.8)	825	1.5
Ba1.6Bi0.4CoRuO6	518	1.25		(Ag0.05Sb0.05Sn0.9)(S0.05Se0.05Te0.9)	303	3.39
Ba1.6Bi0.4CoRuO6	618	1.2		(Ag0.05Sb0.05Sn0.9)(S0.05Se0.05Te0.9)	434	3.18
Ba1.7Bi0.3CoRuO6	518	1.3		(Ag0.05Sb0.05Sn0.9)(S0.05Se0.05Te0.9)	594	2.5
Ba1.8Bi0.2CoRuO6	318	1.42		(Ag0.05Sb0.05Sn0.9)(S0.05Se0.05Te0.9)	755	2.15
Ba1.8Bi0.2CoRuO6	418	1.36		(Ag0.05Sb0.05Sn0.9)(S0.05Se0.05Te0.9)	823	2.07
Ba1.8Bi0.2CoRuO6	518	1.32		(Ag0.15Sb0.15Sn0.7)(S0.15Se0.15Te0.7)	303	1.27
Ba1.8Bi0.2CoRuO6	318	1.39		(Ag0.15Sb0.15Sn0.7)(S0.15Se0.15Te0.7)	432	1.19
Ba1.8Bi0.2CoRuO6	418	1.33		(Ag0.15Sb0.15Sn0.7)(S0.15Se0.15Te0.7)	593	1.07
Ba1.9Bi0.1CoRuO6	318	1.44		(Ag0.15Sb0.15Sn0.7)(S0.15Se0.15Te0.7)	753	1.19
Ba1.9Bi0.1CoRuO6	418	1.43		(Ag0.15Sb0.15Sn0.7)(S0.15Se0.15Te0.7)	823	1.27