

```

XTLGRF 200
DESCRP IS
REMARK Pt111_4x4x7_30.0_vac "bridge"-diffusion
FIXATOMS      1      32
CRYSTX      11.16485      11.16485      43.67409      90.00000      90.00000      60.00000
FORMAT ATOM      (a6,lx,i5,lx,a5,lx,a3,lx,a1,lx,a5,3f10.5,lx,a5,i3,i2,lx,f8.5)
HETATM      1 Pt      1.26610      9.27118      14.99394      Pt      1 0      0.00000
HETATM      2 Pt      1.26610      0.89754      14.99394      Pt      1 0      0.00000
HETATM      3 Pt      1.26610      3.68875      14.99394      Pt      1 0      0.00000
HETATM      4 Pt      1.26610      6.47997      14.99394      Pt      1 0      0.00000
HETATM      5 Pt      3.68336      10.66679      14.99394      Pt      1 0      0.00000
HETATM      6 Pt      3.68336      2.29315      14.99394      Pt      1 0      0.00000
HETATM      7 Pt      3.68336      5.08436      14.99394      Pt      1 0      0.00000
HETATM      8 Pt      3.68336      7.87557      14.99394      Pt      1 0      0.00000
HETATM      9 Pt      6.10062      12.06239      14.99394      Pt      1 0      0.00000
HETATM     10 Pt      6.10062      3.68875      14.99394      Pt      1 0      0.00000
HETATM     11 Pt      6.10062      6.47997      14.99394      Pt      1 0      0.00000
HETATM     12 Pt      6.10062      9.27118      14.99394      Pt      1 0      0.00000
HETATM     13 Pt      8.51788      13.45800      14.99394      Pt      1 0      0.00000
HETATM     14 Pt      8.51788      5.08436      14.99394      Pt      1 0      0.00000
HETATM     15 Pt      8.51788      7.87557      14.99394      Pt      1 0      0.00000
HETATM     16 Pt      8.51788      10.66678      14.99394      Pt      1 0      0.00000
HETATM     17 Pt      2.07185      10.66679      17.27296      Pt      1 0      0.00000
HETATM     18 Pt      2.07185      2.29315      17.27296      Pt      1 0      0.00000
HETATM     19 Pt      2.07185      5.08436      17.27296      Pt      1 0      0.00000
HETATM     20 Pt      2.07185      7.87557      17.27296      Pt      1 0      0.00000
HETATM     21 Pt      4.48911      12.06239      17.27296      Pt      1 0      0.00000
HETATM     22 Pt      4.48911      3.68875      17.27296      Pt      1 0      0.00000
HETATM     23 Pt      4.48911      6.47997      17.27296      Pt      1 0      0.00000
HETATM     24 Pt      4.48911      9.27118      17.27296      Pt      1 0      0.00000
HETATM     25 Pt      6.90637      13.45800      17.27296      Pt      1 0      0.00000
HETATM     26 Pt      6.90637      5.08436      17.27296      Pt      1 0      0.00000
HETATM     27 Pt      6.90637      7.87557      17.27296      Pt      1 0      0.00000
HETATM     28 Pt      6.90637      10.66678      17.27296      Pt      1 0      0.00000
HETATM     29 Pt      9.32364      14.85360      17.27296      Pt      1 0      0.00000
HETATM     30 Pt      9.32364      6.47997      17.27296      Pt      1 0      0.00000
HETATM     31 Pt      9.32364      9.27118      17.27296      Pt      1 0      0.00000
HETATM     32 Pt      9.32364      12.06239      17.27296      Pt      1 0      0.00000
HETATM     33 Pt      2.87767      12.06251      19.55007      Pt      1 0      0.00000
HETATM     34 Pt      2.87706      3.68883      19.55232      Pt      1 0      0.00000
HETATM     35 Pt      2.87706      6.47989      19.55232      Pt      1 0      0.00000
HETATM     36 Pt      2.87767      9.27106      19.55007      Pt      1 0      0.00000
HETATM     37 Pt      5.29520      13.45757      19.55232      Pt      1 0      0.00000
HETATM     38 Pt      5.29486      5.08436      19.55250      Pt      1 0      0.00000
HETATM     39 Pt      5.29520      7.87600      19.55232      Pt      1 0      0.00000
HETATM     40 Pt      5.29570      10.66678      19.55189      Pt      1 0      0.00000
HETATM     41 Pt      7.71233      14.85310      19.55232      Pt      1 0      0.00000
HETATM     42 Pt      7.71233      6.48047      19.55232      Pt      1 0      0.00000
HETATM     43 Pt      7.71241      9.27166      19.55370      Pt      1 0      0.00000
HETATM     44 Pt      7.71241      12.06190      19.55370      Pt      1 0      0.00000
HETATM     45 Pt      0.46021      10.66679      19.55007      Pt      1 0      0.00000
HETATM     46 Pt      0.45993      2.29387      19.55189      Pt      1 0      0.00000
HETATM     47 Pt      0.45979      5.08436      19.55370      Pt      1 0      0.00000
HETATM     48 Pt      0.45993      7.87484      19.55189      Pt      1 0      0.00000
HETATM     49 Pt      1.26579      9.27065      21.82661      Pt      1 0      0.00000
HETATM     50 Pt      1.26579      0.89807      21.82661      Pt      1 0      0.00000
HETATM     51 Pt      1.26486      3.68927      21.83325      Pt      1 0      0.00000
HETATM     52 Pt      1.26486      6.47945      21.83325      Pt      1 0      0.00000
HETATM     53 Pt      3.68397      10.66678      21.82661      Pt      1 0      0.00000
HETATM     54 Pt      3.68287      2.29230      21.82900      Pt      1 0      0.00000
HETATM     55 Pt      3.68211      5.08436      21.83068      Pt      1 0      0.00000
HETATM     56 Pt      3.68287      7.87642      21.82900      Pt      1 0      0.00000
HETATM     57 Pt      6.10169      12.06157      21.83325      Pt      1 0      0.00000

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HETATM	58	Pt	6.10124	3.68767	21.83068	Pt	1	0	0.00000
HETATM	59	Pt	6.10124	6.48105	21.83068	Pt	1	0	0.00000
HETATM	60	Pt	6.10169	9.27199	21.83325	Pt	1	0	0.00000
HETATM	61	Pt	8.51805	13.45666	21.83325	Pt	1	0	0.00000
HETATM	62	Pt	8.51885	5.08436	21.82900	Pt	1	0	0.00000
HETATM	63	Pt	8.51805	7.87691	21.83325	Pt	1	0	0.00000
HETATM	64	Pt	8.51788	10.66678	21.83693	Pt	1	0	0.00000
HETATM	65	Pt	2.07185	10.66678	24.09777	Pt	1	0	0.00000
HETATM	66	Pt	2.07019	2.29288	24.10706	Pt	1	0	0.00000
HETATM	67	Pt	2.07011	5.08436	24.11387	Pt	1	0	0.00000
HETATM	68	Pt	2.07019	7.87584	24.10706	Pt	1	0	0.00000
HETATM	69	Pt	4.48971	12.06082	24.10706	Pt	1	0	0.00000
HETATM	70	Pt	4.48847	3.68764	24.10566	Pt	1	0	0.00000
HETATM	71	Pt	4.48847	6.48108	24.10566	Pt	1	0	0.00000
HETATM	72	Pt	4.48971	9.27275	24.10706	Pt	1	0	0.00000
HETATM	73	Pt	6.90724	13.45649	24.11387	Pt	1	0	0.00000
HETATM	74	Pt	6.90766	5.08436	24.10566	Pt	1	0	0.00000
HETATM	75	Pt	6.90724	7.87708	24.11387	Pt	1	0	0.00000
HETATM	76	Pt	6.90760	10.66678	24.11939	Pt	1	0	0.00000
HETATM	77	Pt	9.32469	14.85230	24.10706	Pt	1	0	0.00000
HETATM	78	Pt	9.32469	6.48127	24.10706	Pt	1	0	0.00000
HETATM	79	Pt	9.32302	9.27224	24.11939	Pt	1	0	0.00000
HETATM	80	Pt	9.32302	12.06132	24.11939	Pt	1	0	0.00000
HETATM	81	Pt	2.87473	12.05740	26.37463	Pt	1	0	0.00000
HETATM	82	Pt	2.88020	3.68373	26.38642	Pt	1	0	0.00000
HETATM	83	Pt	2.88020	6.48499	26.38642	Pt	1	0	0.00000
HETATM	84	Pt	2.87473	9.27616	26.37463	Pt	1	0	0.00000
HETATM	85	Pt	5.28922	13.45773	26.38642	Pt	1	0	0.00000
HETATM	86	Pt	5.29487	5.08436	26.38057	Pt	1	0	0.00000
HETATM	87	Pt	5.28922	7.87584	26.38642	Pt	1	0	0.00000
HETATM	88	Pt	5.29505	10.66678	26.39395	Pt	1	0	0.00000
HETATM	89	Pt	7.71518	14.85836	26.38642	Pt	1	0	0.00000
HETATM	90	Pt	7.71518	6.47520	26.38642	Pt	1	0	0.00000
HETATM	91	Pt	7.71093	9.26910	26.40653	Pt	1	0	0.00000
HETATM	92	Pt	7.71093	12.06447	26.40653	Pt	1	0	0.00000
HETATM	93	Pt	0.46611	10.66679	26.37463	Pt	1	0	0.00000
HETATM	94	Pt	0.46026	2.29331	26.39395	Pt	1	0	0.00000
HETATM	95	Pt	0.46275	5.08436	26.40653	Pt	1	0	0.00000
HETATM	96	Pt	0.46026	7.87541	26.39395	Pt	1	0	0.00000
HETATM	97	Pt	1.26930	9.27672	28.66373	Pt	1	0	0.00000
HETATM	98	Pt	1.26930	0.89200	28.66373	Pt	1	0	0.00000
HETATM	99	Pt	1.25674	3.67416	28.69497	Pt	1	0	0.00000
HETATM	100	Pt	1.25674	6.49455	28.69497	Pt	1	0	0.00000
HETATM	101	Pt	3.67696	10.66678	28.66373	Pt	1	0	0.00000
HETATM	102	Pt	3.66995	2.26992	28.64375	Pt	1	0	0.00000
HETATM	103	Pt	3.66736	5.08436	28.73828	Pt	1	0	0.00000
HETATM	104	Pt	3.66995	7.89880	28.64375	Pt	1	0	0.00000
HETATM	105	Pt	6.09266	12.04700	28.69497	Pt	1	0	0.00000
HETATM	106	Pt	6.10862	3.67490	28.73828	Pt	1	0	0.00000
HETATM	107	Pt	6.10862	6.49382	28.73828	Pt	1	0	0.00000
HETATM	108	Pt	6.09266	9.28657	28.69497	Pt	1	0	0.00000
HETATM	109	Pt	8.53519	13.45719	28.69497	Pt	1	0	0.00000
HETATM	110	Pt	8.54470	5.08436	28.64375	Pt	1	0	0.00000
HETATM	111	Pt	8.53519	7.87638	28.69497	Pt	1	0	0.00000
HETATM	112	Pt	8.51788	10.66678	28.68932	Pt	1	0	0.00000
HETATM	113	O	5.29487	5.08436	29.84788	O	1	0	0.00000

UNIT ENERGY kcal
 ENERGY -14462.712554
 END

XTLGRF 200
 DESCRP TS
 REMARK Pt111_4x4x7_30.0_vac "bridge"-diffusion

FIXATOMS	1	32					
CRYSTX	11.16485	11.16485	43.67409	90.00000	90.00000	60.00000	
FORMAT	ATOM	(a6,1x,i5,1x,a5,1x,a3,1x,a1,1x,a5,3f10.5,1x,a5,i3,i2,1x,f8.5)					
HETATM	1	Pt	1.26632	9.27157	14.99394	Pt	1 0 0.00000
HETATM	2	Pt	1.26632	0.89793	14.99394	Pt	1 0 0.00000
HETATM	3	Pt	1.26632	3.68914	14.99394	Pt	1 0 0.00000
HETATM	4	Pt	1.26632	6.48036	14.99394	Pt	1 0 0.00000
HETATM	5	Pt	3.68358	10.66718	14.99394	Pt	1 0 0.00000
HETATM	6	Pt	3.68358	2.29354	14.99394	Pt	1 0 0.00000
HETATM	7	Pt	3.68358	5.08475	14.99394	Pt	1 0 0.00000
HETATM	8	Pt	3.68358	7.87596	14.99394	Pt	1 0 0.00000
HETATM	9	Pt	6.10084	12.06278	14.99394	Pt	1 0 0.00000
HETATM	10	Pt	6.10084	3.68914	14.99394	Pt	1 0 0.00000
HETATM	11	Pt	6.10084	6.48036	14.99394	Pt	1 0 0.00000
HETATM	12	Pt	6.10084	9.27157	14.99394	Pt	1 0 0.00000
HETATM	13	Pt	8.51810	13.45839	14.99394	Pt	1 0 0.00000
HETATM	14	Pt	8.51810	5.08475	14.99394	Pt	1 0 0.00000
HETATM	15	Pt	8.51810	7.87596	14.99394	Pt	1 0 0.00000
HETATM	16	Pt	8.51810	10.66717	14.99394	Pt	1 0 0.00000
HETATM	17	Pt	2.07207	10.66718	17.27296	Pt	1 0 0.00000
HETATM	18	Pt	2.07207	2.29354	17.27296	Pt	1 0 0.00000
HETATM	19	Pt	2.07207	5.08475	17.27296	Pt	1 0 0.00000
HETATM	20	Pt	2.07207	7.87596	17.27296	Pt	1 0 0.00000
HETATM	21	Pt	4.48933	12.06278	17.27296	Pt	1 0 0.00000
HETATM	22	Pt	4.48933	3.68914	17.27296	Pt	1 0 0.00000
HETATM	23	Pt	4.48933	6.48036	17.27296	Pt	1 0 0.00000
HETATM	24	Pt	4.48933	9.27157	17.27296	Pt	1 0 0.00000
HETATM	25	Pt	6.90659	13.45839	17.27296	Pt	1 0 0.00000
HETATM	26	Pt	6.90659	5.08475	17.27296	Pt	1 0 0.00000
HETATM	27	Pt	6.90659	7.87596	17.27296	Pt	1 0 0.00000
HETATM	28	Pt	6.90659	10.66717	17.27296	Pt	1 0 0.00000
HETATM	29	Pt	9.32386	14.85399	17.27296	Pt	1 0 0.00000
HETATM	30	Pt	9.32386	6.48036	17.27296	Pt	1 0 0.00000
HETATM	31	Pt	9.32386	9.27157	17.27296	Pt	1 0 0.00000
HETATM	32	Pt	9.32386	12.06278	17.27296	Pt	1 0 0.00000
HETATM	33	Pt	2.87800	12.06308	19.55122	Pt	1 0 0.00000
HETATM	34	Pt	2.87770	3.68918	19.55256	Pt	1 0 0.00000
HETATM	35	Pt	2.87768	6.48012	19.55221	Pt	1 0 0.00000
HETATM	36	Pt	2.87807	9.27153	19.55069	Pt	1 0 0.00000
HETATM	37	Pt	5.29518	13.45828	19.55256	Pt	1 0 0.00000
HETATM	38	Pt	5.29503	5.08462	19.55256	Pt	1 0 0.00000
HETATM	39	Pt	5.29530	7.87616	19.55175	Pt	1 0 0.00000
HETATM	40	Pt	5.29555	10.66727	19.55176	Pt	1 0 0.00000
HETATM	41	Pt	7.71222	14.85375	19.55221	Pt	1 0 0.00000
HETATM	42	Pt	7.71243	6.48063	19.55174	Pt	1 0 0.00000
HETATM	43	Pt	7.71250	9.27183	19.55237	Pt	1 0 0.00000
HETATM	44	Pt	7.71239	12.06256	19.55253	Pt	1 0 0.00000
HETATM	45	Pt	0.46043	10.66738	19.55067	Pt	1 0 0.00000
HETATM	46	Pt	0.46041	2.29397	19.55175	Pt	1 0 0.00000
HETATM	47	Pt	0.46036	5.08465	19.55255	Pt	1 0 0.00000
HETATM	48	Pt	0.46026	7.87549	19.55170	Pt	1 0 0.00000
HETATM	49	Pt	1.26640	9.27171	21.82654	Pt	1 0 0.00000
HETATM	50	Pt	1.26614	0.89866	21.82877	Pt	1 0 0.00000
HETATM	51	Pt	1.26577	3.68924	21.83198	Pt	1 0 0.00000
HETATM	52	Pt	1.26566	6.47958	21.83164	Pt	1 0 0.00000
HETATM	53	Pt	3.68430	10.66737	21.82878	Pt	1 0 0.00000
HETATM	54	Pt	3.68365	2.29366	21.83179	Pt	1 0 0.00000
HETATM	55	Pt	3.68334	5.08441	21.83230	Pt	1 0 0.00000
HETATM	56	Pt	3.68390	7.87607	21.82952	Pt	1 0 0.00000
HETATM	57	Pt	6.10121	12.06237	21.83198	Pt	1 0 0.00000
HETATM	58	Pt	6.10066	3.68876	21.83229	Pt	1 0 0.00000
HETATM	59	Pt	6.10120	6.48097	21.83045	Pt	1 0 0.00000
HETATM	60	Pt	6.10140	9.27202	21.83142	Pt	1 0 0.00000

HETATM	61	Pt	8.51778	13.45742	21.83163	Pt	1	0	0.00000
HETATM	62	Pt	8.51802	5.08507	21.82953	Pt	1	0	0.00000
HETATM	63	Pt	8.51822	7.87665	21.83151	Pt	1	0	0.00000
HETATM	64	Pt	8.51814	10.66722	21.83328	Pt	1	0	0.00000
HETATM	65	Pt	2.07242	10.66774	24.10291	Pt	1	0	0.00000
HETATM	66	Pt	2.07160	2.29337	24.10952	Pt	1	0	0.00000
HETATM	67	Pt	2.07132	5.08255	24.11179	Pt	1	0	0.00000
HETATM	68	Pt	2.07000	7.87865	24.10269	Pt	1	0	0.00000
HETATM	69	Pt	4.48942	12.06229	24.10952	Pt	1	0	0.00000
HETATM	70	Pt	4.48956	3.68951	24.11269	Pt	1	0	0.00000
HETATM	71	Pt	4.49144	6.48095	24.10789	Pt	1	0	0.00000
HETATM	72	Pt	4.48989	9.27154	24.10898	Pt	1	0	0.00000
HETATM	73	Pt	6.90507	13.45659	24.11180	Pt	1	0	0.00000
HETATM	74	Pt	6.90607	5.08687	24.10790	Pt	1	0	0.00000
HETATM	75	Pt	6.90735	7.87724	24.11127	Pt	1	0	0.00000
HETATM	76	Pt	6.90725	10.66751	24.11395	Pt	1	0	0.00000
HETATM	77	Pt	9.32725	14.85357	24.10270	Pt	1	0	0.00000
HETATM	78	Pt	9.32357	6.48083	24.10897	Pt	1	0	0.00000
HETATM	79	Pt	9.32384	9.27230	24.11395	Pt	1	0	0.00000
HETATM	80	Pt	9.32370	12.06245	24.11521	Pt	1	0	0.00000
HETATM	81	Pt	2.87253	12.05358	26.37918	Pt	1	0	0.00000
HETATM	82	Pt	2.88130	3.67726	26.39046	Pt	1	0	0.00000
HETATM	83	Pt	2.87256	6.49686	26.36474	Pt	1	0	0.00000
HETATM	84	Pt	2.87767	9.27443	26.38217	Pt	1	0	0.00000
HETATM	85	Pt	5.28308	13.45544	26.39046	Pt	1	0	0.00000
HETATM	86	Pt	5.29710	5.08822	26.39304	Pt	1	0	0.00000
HETATM	87	Pt	5.29766	7.87838	26.39129	Pt	1	0	0.00000
HETATM	88	Pt	5.29548	10.66869	26.39119	Pt	1	0	0.00000
HETATM	89	Pt	7.72928	14.85766	26.36466	Pt	1	0	0.00000
HETATM	90	Pt	7.71316	6.48377	26.39129	Pt	1	0	0.00000
HETATM	91	Pt	7.71372	9.27395	26.39367	Pt	1	0	0.00000
HETATM	92	Pt	7.71089	12.06671	26.39991	Pt	1	0	0.00000
HETATM	93	Pt	0.46312	10.66847	26.38217	Pt	1	0	0.00000
HETATM	94	Pt	0.46170	2.29461	26.39119	Pt	1	0	0.00000
HETATM	95	Pt	0.46466	5.08545	26.39990	Pt	1	0	0.00000
HETATM	96	Pt	0.46075	7.87625	26.39294	Pt	1	0	0.00000
HETATM	97	Pt	1.26797	9.27441	28.66704	Pt	1	0	0.00000
HETATM	98	Pt	1.25276	0.88652	28.66771	Pt	1	0	0.00000
HETATM	99	Pt	1.26910	3.68434	28.68677	Pt	1	0	0.00000
HETATM	100	Pt	1.25622	6.48867	28.69589	Pt	1	0	0.00000
HETATM	101	Pt	3.68048	10.64972	28.66771	Pt	1	0	0.00000
HETATM	102	Pt	3.64677	2.22974	28.65523	Pt	1	0	0.00000
HETATM	103	Pt	3.69584	5.06287	28.70205	Pt	1	0	0.00000
HETATM	104	Pt	3.67647	7.86595	28.66087	Pt	1	0	0.00000
HETATM	105	Pt	6.09530	12.06276	28.68676	Pt	1	0	0.00000
HETATM	106	Pt	6.07577	3.68881	28.70207	Pt	1	0	0.00000
HETATM	107	Pt	6.13014	6.53108	28.71206	Pt	1	0	0.00000
HETATM	108	Pt	6.10032	9.28468	28.67469	Pt	1	0	0.00000
HETATM	109	Pt	8.53038	13.45380	28.69590	Pt	1	0	0.00000
HETATM	110	Pt	8.51301	5.07358	28.66088	Pt	1	0	0.00000
HETATM	111	Pt	8.52974	7.88208	28.67469	Pt	1	0	0.00000
HETATM	112	Pt	8.51750	10.66614	28.67854	Pt	1	0	0.00000
HETATM	113	O	4.99367	4.56269	29.98394	O	1	0	0.00000

UNIT ENERGY kcal
ENERGY -14448.821575
END

XTLGRF 200
DESCRP FS
REMARK Pt111_4x4x7_30.0_vac "bridge"-diffusion
FIXATOMS 1 32
CRYSTX 11.16485 11.16485 43.67409 90.00000 90.00000 60.00000
FORMAT ATOM (a6,1x,i5,1x,a5,1x,a3,1x,a1,1x,a5,3f10.5,1x,a5,i3,i2,1x,f8.5)

HETATM	1	Pt	1.26669	9.27220	14.99394	Pt	1	0	0.00000
HETATM	2	Pt	1.26669	0.89856	14.99394	Pt	1	0	0.00000
HETATM	3	Pt	1.26669	3.68977	14.99394	Pt	1	0	0.00000
HETATM	4	Pt	1.26669	6.48099	14.99394	Pt	1	0	0.00000
HETATM	5	Pt	3.68395	10.66781	14.99394	Pt	1	0	0.00000
HETATM	6	Pt	3.68395	2.29417	14.99394	Pt	1	0	0.00000
HETATM	7	Pt	3.68395	5.08538	14.99394	Pt	1	0	0.00000
HETATM	8	Pt	3.68395	7.87659	14.99394	Pt	1	0	0.00000
HETATM	9	Pt	6.10121	12.06341	14.99394	Pt	1	0	0.00000
HETATM	10	Pt	6.10121	3.68977	14.99394	Pt	1	0	0.00000
HETATM	11	Pt	6.10121	6.48099	14.99394	Pt	1	0	0.00000
HETATM	12	Pt	6.10121	9.27220	14.99394	Pt	1	0	0.00000
HETATM	13	Pt	8.51847	13.45902	14.99394	Pt	1	0	0.00000
HETATM	14	Pt	8.51847	5.08538	14.99394	Pt	1	0	0.00000
HETATM	15	Pt	8.51847	7.87659	14.99394	Pt	1	0	0.00000
HETATM	16	Pt	8.51847	10.66780	14.99394	Pt	1	0	0.00000
HETATM	17	Pt	2.07244	10.66781	17.27296	Pt	1	0	0.00000
HETATM	18	Pt	2.07244	2.29417	17.27296	Pt	1	0	0.00000
HETATM	19	Pt	2.07244	5.08538	17.27296	Pt	1	0	0.00000
HETATM	20	Pt	2.07244	7.87659	17.27296	Pt	1	0	0.00000
HETATM	21	Pt	4.48970	12.06341	17.27296	Pt	1	0	0.00000
HETATM	22	Pt	4.48970	3.68977	17.27296	Pt	1	0	0.00000
HETATM	23	Pt	4.48970	6.48099	17.27296	Pt	1	0	0.00000
HETATM	24	Pt	4.48970	9.27220	17.27296	Pt	1	0	0.00000
HETATM	25	Pt	6.90696	13.45902	17.27296	Pt	1	0	0.00000
HETATM	26	Pt	6.90696	5.08538	17.27296	Pt	1	0	0.00000
HETATM	27	Pt	6.90696	7.87659	17.27296	Pt	1	0	0.00000
HETATM	28	Pt	6.90696	10.66780	17.27296	Pt	1	0	0.00000
HETATM	29	Pt	9.32423	14.85462	17.27296	Pt	1	0	0.00000
HETATM	30	Pt	9.32423	6.48099	17.27296	Pt	1	0	0.00000
HETATM	31	Pt	9.32423	9.27220	17.27296	Pt	1	0	0.00000
HETATM	32	Pt	9.32423	12.06341	17.27296	Pt	1	0	0.00000
HETATM	33	Pt	2.87864	12.06418	19.55252	Pt	1	0	0.00000
HETATM	34	Pt	2.87861	3.68977	19.55334	Pt	1	0	0.00000
HETATM	35	Pt	2.87864	6.48022	19.55252	Pt	1	0	0.00000
HETATM	36	Pt	2.87862	9.27220	19.55128	Pt	1	0	0.00000
HETATM	37	Pt	5.29524	13.45938	19.55334	Pt	1	0	0.00000
HETATM	38	Pt	5.29524	5.08502	19.55334	Pt	1	0	0.00000
HETATM	39	Pt	5.29561	7.87634	19.55124	Pt	1	0	0.00000
HETATM	40	Pt	5.29560	10.66806	19.55124	Pt	1	0	0.00000
HETATM	41	Pt	7.71183	14.85462	19.55251	Pt	1	0	0.00000
HETATM	42	Pt	7.71242	6.48099	19.55124	Pt	1	0	0.00000
HETATM	43	Pt	7.71272	9.27220	19.55068	Pt	1	0	0.00000
HETATM	44	Pt	7.71242	12.06341	19.55124	Pt	1	0	0.00000
HETATM	45	Pt	0.46072	10.66818	19.55128	Pt	1	0	0.00000
HETATM	46	Pt	0.46109	2.29443	19.55124	Pt	1	0	0.00000
HETATM	47	Pt	0.46109	5.08513	19.55124	Pt	1	0	0.00000
HETATM	48	Pt	0.46072	7.87622	19.55128	Pt	1	0	0.00000
HETATM	49	Pt	1.26669	9.27220	21.82753	Pt	1	0	0.00000
HETATM	50	Pt	1.26718	0.89967	21.83001	Pt	1	0	0.00000
HETATM	51	Pt	1.26688	3.68977	21.83082	Pt	1	0	0.00000
HETATM	52	Pt	1.26718	6.47988	21.83001	Pt	1	0	0.00000
HETATM	53	Pt	3.68466	10.66879	21.83001	Pt	1	0	0.00000
HETATM	54	Pt	3.68474	2.29554	21.83525	Pt	1	0	0.00000
HETATM	55	Pt	3.68474	5.08400	21.83525	Pt	1	0	0.00000
HETATM	56	Pt	3.68466	7.87561	21.83001	Pt	1	0	0.00000
HETATM	57	Pt	6.10111	12.06358	21.83082	Pt	1	0	0.00000
HETATM	58	Pt	6.09962	3.68977	21.83525	Pt	1	0	0.00000
HETATM	59	Pt	6.10111	6.48082	21.83082	Pt	1	0	0.00000
HETATM	60	Pt	6.10129	9.27220	21.82869	Pt	1	0	0.00000
HETATM	61	Pt	8.51726	13.45889	21.83001	Pt	1	0	0.00000
HETATM	62	Pt	8.51726	5.08551	21.83001	Pt	1	0	0.00000
HETATM	63	Pt	8.51843	7.87666	21.82869	Pt	1	0	0.00000

HETATM	64	Pt	8.51843	10.66774	21.82869	Pt	1	0	0.00000
HETATM	65	Pt	2.07182	10.66673	24.10521	Pt	1	0	0.00000
HETATM	66	Pt	2.07335	2.29686	24.11225	Pt	1	0	0.00000
HETATM	67	Pt	2.07335	5.08269	24.11225	Pt	1	0	0.00000
HETATM	68	Pt	2.07182	7.87767	24.10521	Pt	1	0	0.00000
HETATM	69	Pt	4.49158	12.06554	24.11225	Pt	1	0	0.00000
HETATM	70	Pt	4.48970	3.68977	24.12514	Pt	1	0	0.00000
HETATM	71	Pt	4.49158	6.47885	24.11225	Pt	1	0	0.00000
HETATM	72	Pt	4.48854	9.27220	24.10643	Pt	1	0	0.00000
HETATM	73	Pt	6.90418	13.45846	24.11225	Pt	1	0	0.00000
HETATM	74	Pt	6.90418	5.08594	24.11225	Pt	1	0	0.00000
HETATM	75	Pt	6.90726	7.87711	24.10677	Pt	1	0	0.00000
HETATM	76	Pt	6.90726	10.66729	24.10677	Pt	1	0	0.00000
HETATM	77	Pt	9.32547	14.85462	24.10521	Pt	1	0	0.00000
HETATM	78	Pt	9.32480	6.47998	24.10643	Pt	1	0	0.00000
HETATM	79	Pt	9.32362	9.27220	24.10677	Pt	1	0	0.00000
HETATM	80	Pt	9.32481	12.06442	24.10643	Pt	1	0	0.00000
HETATM	81	Pt	2.87243	12.05343	26.37564	Pt	1	0	0.00000
HETATM	82	Pt	2.88033	3.68977	26.41366	Pt	1	0	0.00000
HETATM	83	Pt	2.87243	6.49097	26.37564	Pt	1	0	0.00000
HETATM	84	Pt	2.87795	9.27220	26.38976	Pt	1	0	0.00000
HETATM	85	Pt	5.29439	13.46086	26.41366	Pt	1	0	0.00000
HETATM	86	Pt	5.29439	5.08354	26.41366	Pt	1	0	0.00000
HETATM	87	Pt	5.29356	7.87923	26.38315	Pt	1	0	0.00000
HETATM	88	Pt	5.29356	10.66517	26.38315	Pt	1	0	0.00000
HETATM	89	Pt	7.72425	14.85462	26.37564	Pt	1	0	0.00000
HETATM	90	Pt	7.71595	6.48066	26.38315	Pt	1	0	0.00000
HETATM	91	Pt	7.71272	9.27220	26.38515	Pt	1	0	0.00000
HETATM	92	Pt	7.71595	12.06374	26.38315	Pt	1	0	0.00000
HETATM	93	Pt	0.46106	10.66759	26.38976	Pt	1	0	0.00000
HETATM	94	Pt	0.45960	2.29121	26.38315	Pt	1	0	0.00000
HETATM	95	Pt	0.45960	5.08834	26.38315	Pt	1	0	0.00000
HETATM	96	Pt	0.46106	7.87681	26.38976	Pt	1	0	0.00000
HETATM	97	Pt	1.26669	9.27220	28.67111	Pt	1	0	0.00000
HETATM	98	Pt	1.25367	0.89780	28.68416	Pt	1	0	0.00000
HETATM	99	Pt	1.23787	3.68977	28.65044	Pt	1	0	0.00000
HETATM	100	Pt	1.25367	6.48174	28.68416	Pt	1	0	0.00000
HETATM	101	Pt	3.68980	10.65615	28.68416	Pt	1	0	0.00000
HETATM	102	Pt	3.68797	2.30114	28.74793	Pt	1	0	0.00000
HETATM	103	Pt	3.68797	5.07841	28.74793	Pt	1	0	0.00000
HETATM	104	Pt	3.68980	7.88825	28.68416	Pt	1	0	0.00000
HETATM	105	Pt	6.11562	12.03845	28.65044	Pt	1	0	0.00000
HETATM	106	Pt	6.09316	3.68977	28.74793	Pt	1	0	0.00000
HETATM	107	Pt	6.11562	6.50595	28.65044	Pt	1	0	0.00000
HETATM	108	Pt	6.10477	9.27220	28.66636	Pt	1	0	0.00000
HETATM	109	Pt	8.52564	13.44812	28.68416	Pt	1	0	0.00000
HETATM	110	Pt	8.52564	5.09628	28.68416	Pt	1	0	0.00000
HETATM	111	Pt	8.51669	7.87968	28.66636	Pt	1	0	0.00000
HETATM	112	Pt	8.51669	10.66472	28.66636	Pt	1	0	0.00000
HETATM	113	O	4.48970	3.68977	29.86819	O	1	0	0.00000
UNIT ENERGY kcal									
ENERGY -14466.437775									
END									