

Phase	Energy (eV/atom)	Material ID
Al8Si38	-4.900932	mp-1203554
AlSi	-4.317739	mp-1021666
Al4Si	-3.979999	mp-1228120
Al2Sc8	-5.293660	mp-1209129
Al3Sc	-4.754045	mp-999204
Al4Sc2	-5.094762	mp-813
Al2Sc4	-5.821119	mp-11220
AlSc3	-5.933306	mp-978498
Al2Sc2	-5.374474	mp-999206
Al3Sc	-4.847230	mp-2121
AlSc	-5.485326	mp-331
Al2Sc6	-5.954622	mp-862259
Al4Ti2	-5.555976	mp-11809
Al3Ti	-5.180595	mp-542915
AlTi	-6.227478	mp-1953
AlTi2	-5.939697	mp-1008753
Al8Ti4	-5.558130	mp-567705
Al3Ti	-5.156099	mp-998981
Al5Ti3	-5.711777	mp-1217092
AlTi3	-6.983619	mp-1217072
Al3Ti	-5.026131	mp-1217027
AlTi	-6.085044	mp-1061123
AlTi	-6.071895	mp-1217008
AlTi3	-7.017158	mp-999027
Al5Ti3	-5.699485	mp-1217081
Al2Ti6	-7.137170	mp-1823
Al11Ti5	-5.447921	mp-1217111
Al41V4	-4.309939	mp-1229052
Al2V6	-7.883567	mp-1387
AlV2	-7.448458	mp-1228006
Al3V	-5.368293	mp-2554
Al16V10	-6.001815	mp-1214872
Al16V10	-6.019879	mp-1228763
Al3V	-5.230424	mp-1008554
Al46V8	-4.703240	mp-30335
Al40V4	-4.323765	mp-16722
Al45V7	-4.616772	mp-567919

Al54V2	-2.891096	mp-1215157
Al16Cr10	-6.057907	mp-19954
Al45Cr7	-4.657418	mp-31019
Al3Cr	-5.362823	mp-867780
AlCr2	-7.805398	mp-1699
AlCr2B2	-7.747847	mp-7692
AlCr3B4	-7.873384	mp-637575
Al16Mn10	-6.025797	mp-1194040
Al12Mn	-4.254079	mp-1104165
Al12Mn2	-4.693051	mp-173
AlMn	-6.726081	mp-771
AlMn	-6.678378	mp-12067
AlMn3	-7.845302	mp-973149
Al108Mn48	-5.576749	mp-1212295
Al20Mn6	-5.223390	mp-16511
Al114Mn24	-4.873312	mp-30526
Al12Mn8	-6.157855	mp-1180309
Al11Mn4	-5.466940	mp-2856
AlMn2B2	-7.555652	mp-7892
AlFe	-5.646776	mp-985578
Al2Fe4	-6.996899	mp-31184
AlFe3	-7.487803	mp-1183162
Al12Fe2	-4.616341	mp-570001
Al12Fe7	-5.764752	mp-1214901
Al6Fe2	-5.080749	mp-984873
AlFe2	-7.036544	mp-985579
Al16Fe10	-5.843102	mp-1193259
AlFe3	-7.483391	mp-2018
AlFe	-6.434686	mp-2658
AlFe2B2	-7.209734	mp-3805
AlFe3B	-7.313497	mp-1206715
Al2Co6	-6.416561	mp-1080667
AlCo3	-6.399692	mp-1018101
Al18Co4	-4.688867	mp-16488
Al20Co8	-5.167264	mp-196
Al38Co12	-4.942831	mp-1215090
AlCo	-6.037209	mp-284
Al78Co24	-4.924339	mp-30751

AlCo4	-6.465240	mp-1228933
Al78Co24	-4.922854	mp-1198336
Al20Co3B6	-4.604728	mp-1214905
Al3Co20B6	-6.958444	mp-505537
AlNi	-5.420265	mp-1487
Al2Ni6	-5.692930	mp-1183232
Al4Ni6	-5.508038	mp-1229048
Al4Ni15	-5.621717	mp-1228713
Al3Ni2	-5.172480	mp-1057
AlNi3	-5.651862	mp-672232
Al32Ni24	-5.245956	mp-16515
AlNi3	-5.704697	mp-2593
Al3Ni5	-5.583064	mp-16514
AlNi	-5.175037	mp-1228854
Al12Ni4	-4.659130	mp-622209
Al2Ni4	-5.603326	mp-1025044
Al5Ni41B12	-6.165650	mp-1228559
Al6Ni72B48	-6.354844	mp-866315
Al2Ni18B16	-6.352939	mp-1194505
AlNi20B14	-6.361389	mp-505473
Al3Ni20B6	-6.158603	mp-505472
Al2Ni21B6	-6.173675	mp-1214897
Al16Cu36	-4.198489	mp-593
AlCu3	-4.192293	mp-1008555
Al4Cu2	-4.028987	mp-998
Al2Cu6	-4.200238	mp-12802
Al2Cu6	-4.193491	mp-1183216
Al3Cu2	-4.045343	mp-10886
Al4Cu16	-4.143739	mp-1182885
Al2Cu	-4.041519	mp-985806
Al2Cu	-3.887021	mp-12794
Al3Cu	-3.923967	mp-985825
Al3Cu	-3.871287	mp-1183161
Al4Cu15	-4.122540	mp-1228752
AlCu3	-4.175101	mp-12777
Al5Cu5	-4.135819	mp-2500
AlCu	-4.061751	mp-1022721
Al3Zn	-3.099151	mp-983585

Al2Zn	-2.909079	mp-1206713
Al3Ga	-3.536609	mp-983594
AlGa3	-3.162323	mp-1183208
AlGe3	-4.140312	mp-1183203
Al3Ge	-3.867452	mp-1183195
Al12Ge10	-4.096868	mp-1190320
Al6Y2	-3.916728	mp-11232
Al9Y3	-4.859743	mp-2451
Al4Y2	-5.183873	mp-2322
AlY3	-5.971279	mp-30338
Al2Y2	-5.524369	mp-11228
Al6Y2	-4.863663	mp-865527
AlY	-5.519813	mp-11229
Al3Y	-4.850721	mp-11231
Al8Y12	-5.732640	mp-16723
Al2Y8	-5.460475	mp-1207806
Al4Y8	-5.874208	mp-11230
Al2Zr4	-7.264698	mp-12773
Al6Zr2	-5.433041	mp-395
Al6Zr10	-7.119898	mp-16724
Al8Zr10	-6.831730	mp-570774
Al6Zr4	-6.187819	mp-1482
Al3Zr	-5.410448	mp-569775
AlZr3	-7.643173	mp-1471
Al8Zr12	-7.028754	mp-13470
Al3Zr	-5.408416	mp-1065309
Al6Zr10	-7.101202	mp-2044
Al8Zr4	-5.884104	mp-2772
Al3Zr4	-6.948831	mp-12752
Al2Zr6	-7.632697	mp-1188018
Al2Zr2	-6.609014	mp-11233
Al2Zr4	-7.305066	mp-2557
Al3Nb	-5.763088	mp-1842
AlNb4	-8.939346	mp-1220481
Al10Nb20	-8.275864	mp-18427
Al2Nb6	-8.686148	mp-796
AlNb2B6	-7.584868	mp-1220697
Al50Mo10	-5.169672	mp-569049

Al ₂ Mo ₆	-9.312089	mp-259
Al ₁₂ Mo ₄	-5.841680	mp-571247
Al ₁₀ Mo ₂	-5.167236	mp-571053
Al ₁₆ Mo ₂₄	-7.940673	mp-1198386
Al ₃₄ Mo ₈	-5.360120	mp-570651
Al ₁₂ Mo	-4.405566	mp-550
Al ₈ Mo ₃	-6.017707	mp-2733
Al ₄₄ Mo ₁₀	-5.369183	mp-568153
Al ₁₀ Mo ₂	-5.171499	mp-568607
Al ₁₂ Mo ₃	-5.417204	mp-30180
Al ₂ Mo ₂ B ₂	-7.540176	mp-7574
Al ₃ Tc ₂	-6.555168	mp-1070275
Al ₁₂ Tc	-4.416374	mp-16719
Al ₃ Tc	-5.718143	mp-867347
Al ₁₂ Tc ₃	-5.440880	mp-1104047
AlTc ₂	-8.568266	mp-1018166
Al ₂ Tc ₆	-8.819373	mp-1183188
Al ₁₂ Tc ₂	-4.962777	mp-16718
Al ₄ Ru ₂	-6.307354	mp-10910
AlRu	-7.182717	mp-542569
Al ₄₈ Ru ₄	-4.215731	mp-1198296
Al ₂ Ru	-6.274353	mp-1009834
Al ₃ Ru ₂	-6.423835	mp-1069983
Al ₃ Ru ₂	-6.661742	mp-1070580
Al ₃₉ Ru ₁₂	-5.583091	mp-17880
Al ₁₂ Ru ₄	-5.514722	mp-1188814
Al ₁₂ Ru ₂	-4.864785	mp-16529
Al ₂ Ru ₃ B ₂	-7.424517	mp-29674
Al ₆ Ru ₈ B ₄	-7.448551	mp-541849
Al ₂ Rh ₆	-6.931956	mp-1183306
Al ₁₈ Rh ₄	-4.906086	mp-1645
Al ₂₀ Rh ₈	-5.520511	mp-1791
AlRh	-6.643694	mp-364
Al ₄ Pd ₄	-5.376750	mp-7189
Al ₆ Pd ₁₀	-5.493639	mp-16523
Al ₂ Pd	-4.840721	mp-16522
Al ₄ Pd ₈	-5.532941	mp-2824
Al ₄₂ Pd ₁₆	-4.696632	mp-1498

Al4Pd20	-5.403495	mp-605663
Al3Pd2	-5.091957	mp-10901
Al13Pd13	-5.367277	mp-669546
Al3Pd	-4.449526	mp-1183127
AlPd	-5.338166	mp-829
AlPd3	-5.431140	mp-1183143
Al8Pd120B56	-5.829254	mp-1195438
Ag15Al5	-3.134605	mp-1228988
Ag3Al	-3.046252	mp-1228927
Ag4Al2	-3.212373	mp-985805
Ag4Al	-3.002182	mp-1228947
AgAl	-3.328773	mp-1228901
AgAl3	-3.474366	mp-1183130
AgAlB	-3.569282	mp-631568
AlCd3	-1.513240	mp-1183215
Al3Cd	-2.903079	mp-1183140
AlInB	-3.337573	mp-631543
Al3Sn	-3.639070	mp-1183200
Al3Sn	-3.653221	mp-1183131
Al2Sn	-3.515174	mp-1206714
AlSn	-3.670484	mp-7760
Al6Hf2	-5.693772	mp-568718
Al3Hf	-5.685032	mp-2614
Al3Hf4	-7.688917	mp-1025223
Al6Hf4	-6.656065	mp-846
Al3Hf	-5.670554	mp-1007730
Al6Hf10	-7.919504	mp-2361
Al2Hf2	-7.245615	mp-249
Al2Hf4	-8.149439	mp-12772
Al8Hf4	-6.257433	mp-12657
Al8Hf12	-7.803107	mp-8462
Al2Hf6	-8.625285	mp-1184670
Al8Ta22	-9.870541	mp-1217804
Al69Ta39	-6.922682	mp-1217883
Al12Ta17	-8.642499	mp-1194073
Al10Ta20	-9.229666	mp-639874
Al3Ta	-6.091828	mp-869
Al10Ta20	-9.401430	mp-1193531

Al38Ta48	-8.538763	mp-1208546
Al6Ta10B	-8.984006	mp-1217788
AlTa3B8	-8.224509	mp-1217997
Al10W2	-5.441767	mp-30337
Al12W	-4.531355	mp-11227
Al12W3	-5.740636	mp-30336
Al6W3	-6.851921	mp-12524
Al2W2B2	-8.099035	mp-1070916
Al5Re24	-11.019662	mp-1192984
Al12Re	-4.543249	mp-1648
AlRe2	-9.807775	mp-10909
Al2Re2	-8.410831	mp-1228815
Al11Re4	-6.406856	mp-1214889
AlRe	-8.105466	mp-10908
Al12Re2	-5.193931	mp-16528
Al8Re24B2	-5.853962	mp-1215160
Al8Re12B4	-8.336255	mp-18503
Al3Os2	-7.226928	mp-16521
AlOs	-7.887310	mp-875
Al13Os4	-5.949797	mp-567929
Al2Os	-6.801600	mp-7188
Al18Ir4	-5.196508	mp-12003
Al24Ir8	-5.585139	mp-1200220
AlIr	-7.250983	mp-1885
Al6Ir2	-5.683441	mp-2294
Al2Pt6	-6.168729	mp-1079182
Al2Pt6	-6.179844	mp-1080448
Al4Pt12	-5.998055	mp-1182870
Al6Pt10	-6.106814	mp-1501
Al2Pt	-5.414720	mp-1502
Al84Pt20	-4.417861	mp-1215027
Al6Pt4	-5.314288	mp-569916
AlPt	-5.840046	mp-10903
Al8Pt16	-6.148353	mp-16960
Al4Pt4	-5.949653	mp-10904
AlPt3	-6.170188	mp-188
Al4Pt12	-6.182260	mp-607111
Al3Pt2	-5.670032	mp-10905

Al3Pt	-4.767467	mp-1183175
Al4Pt8	-6.149455	mp-16526
Al42Pt16	-5.143652	mp-1982
Al4Au16	-3.579163	mp-1490
Al12Au32	-3.669122	mp-16480
Al2Au	-4.011386	mp-2647
AlAu2	-3.737363	mp-1018179
Al2Au6	-3.589715	mp-1183223
Al4Au4	-3.903741	mp-1399
Al3Au	-3.741634	mp-1183189
AlAu4	-3.504228	mp-1228956
Al4Au8	-3.747749	mp-569558
AlAu	-3.753053	mp-10871
Al10Au20	-3.744227	mp-30550
Al3Ti	-3.115139	mp-983584
AlPb3	-3.564783	mp-1183278
Al2Pb6	-3.523952	mp-1183279
AlPbB2	-3.430857	mp-631514
Sc10Si6	-6.760327	mp-7822
ScSi2	-6.097781	mp-2841
Sc2Si2	-6.715525	mp-9969
Sc10Si6	-6.282099	mp-1190215
Sc20Si16	-6.693799	mp-1209086
ScSi	-5.385628	mp-1009752
Ti4Si4	-7.429248	mp-7092
Ti24Si8	-7.773545	mp-980420
Ti3Si	-7.597310	mp-998986
Ti2Si4	-6.802589	mp-2582
Ti20Si16	-7.588184	mp-505527
TiSi2	-6.630489	mp-570991
Ti2Si	-6.596664	mp-1008689
TiSi	-7.188514	mp-22558
Ti6Si2	-7.738917	mp-1187525
TiSi	-7.188124	mp-1065146
Ti10Si6	-7.739208	mp-2108
Ti2Si4	-6.810095	mp-1077503
Ti6BSi2	-7.867426	mp-11750
V3Si	-7.514168	mp-571211

V10Si6	-8.261649	mp-1188102
V3Si6	-7.128898	mp-11190
V12Si10	-7.962994	mp-976
V10Si6	-8.295046	mp-568671
V3Si6	-7.128901	mp-10711
V6Si2	-8.632217	mp-2567
V10Si6	-8.242028	mp-570483
V10B4Si2	-8.717744	mp-10126
V10B2Si4	-8.260850	mp-1188856
V10BSi6	-8.278554	mp-1216643
Cr4Si4	-7.826760	mp-7576
Cr10Si6	-8.374717	mp-7506
Cr6Si2	-8.936769	mp-729
Cr3Si6	-7.193849	mp-1222
CrSi2	-7.206802	mp-8937
Cr3Si6	-7.193857	mp-11191
Mn44Si76	-7.222023	mp-567968
Mn40Si16	-8.289600	mp-608655
Mn30Si52	-7.219977	mp-752
Mn40Si16	-8.280439	mp-1198479
Mn3Si	-8.527416	mp-20211
Mn4Si4	-7.731072	mp-1431
Mn16Si28	-7.216905	mp-568121
Mn28Si46	-6.610087	mp-650285
Mn16Si28	-7.216967	mp-680339
Mn10Si6	-8.104696	mp-1111
Mn3Si	-8.453484	mp-1221697
FeSi2	-6.824542	mp-20738
Fe20Si12	-7.534378	mp-1196624
Fe4Si2	-7.835411	mp-22787
Fe4Si2	-7.628670	mp-1225186
Fe2Si	-7.714201	mp-1225177
Fe8Si16	-6.883188	mp-1714
Fe10Si6	-7.633828	mp-449
Fe4Si4	-7.459149	mp-871
Fe3Si	-8.028494	mp-2199
Fe11Si5	-7.868144	mp-19800
Fe4Si	-7.531687	mp-1225135

Fe3Si	-7.933042	mp-1225210
Co8Si12	-6.423886	mp-1105498
CoSi2	-6.455067	mp-2379
CoSi	-6.680391	mp-22746
Co8Si4	-7.000177	mp-19905
Co6Si2	-6.961660	mp-1079393
Co4Si4	-6.882678	mp-7577
Ni8Si4	-6.211323	mp-1118
Ni25Si9	-6.151857	mp-1209041
Ni4Si4	-6.004847	mp-1095177
Ni24Si16	-6.161512	mp-29667
Ni3Si	-5.858855	mp-1219285
NiSi2	-5.896287	mp-2291
Ni3Si	-6.149760	mp-828
Ni4Si4	-6.102424	mp-351
Ni31Si12	-6.171578	mp-27276
Ni2Si2	-6.055889	mp-999192
Ni4Si2	-6.163829	mp-507
Ni6BSi2	-6.280118	mp-4720
Cu30Si8	-4.452792	mp-14266
Cu6Si2	-4.489867	mp-867317
Cu7Si2	-4.401104	mp-1206157
Cu7Si6	-1.966445	mp-1213668
Cu3Si	-4.471076	mp-972828
Zn3Si	-2.122322	mp-1187936
ZnSi3	-3.915501	mp-971761
ZnSi3	-3.918591	mp-1187941
GaSi3	-4.359809	mp-983359
Ga6Si2	-3.421090	mp-1184029
GaSi3	-4.364445	mp-1184252
Ga3Si	-3.434772	mp-1183982
Ga3Si	-3.422609	mp-1183973
GeSi3	-4.697193	mp-972751
GeSi	-4.996426	mp-1219182
Ge16Si16	-4.954431	mp-1096549
GeSi7	-5.317015	mp-1094056
Ge3Si	-4.402472	mp-1187004
Ge2Si2	-4.983024	mp-978534

Y2Si4	-6.320253	mp-12769
Y3Si3	-6.017582	mp-1077026
YSi2	-6.298487	mp-2568
Y10Si6	-6.796101	mp-2538
Y3Si	-6.443218	mp-1187788
Y20Si16	-6.775240	mp-1199890
Y20Si16	-6.771310	mp-1198133
Y4Si12	-6.038367	mp-1189560
Y2Si2	-6.798026	mp-9972
Y10B16Si4	-7.117923	mp-1207750
Y10BSi6	-6.763511	mp-1216165
Zr5Si3	-7.797683	mp-1215348
Zr4Si2	-8.283501	mp-1278
Zr6Si2	-8.118136	mp-1188035
Zr4Si4	-7.919846	mp-893
Zr20Si16	-8.064659	mp-1304
Zr24Si8	-8.334078	mp-1200912
Zr2Si2	-7.035888	mp-1066771
Zr2Si2	-7.918836	mp-11322
Zr2Si4	-7.113904	mp-1515
Zr10Si6	-8.196832	mp-568115
Zr6Si4	-8.181941	mp-1207024
Nb10Si6	-9.027028	mp-13686
Nb6Si4	-8.875787	mp-1078996
Nb6Si2	-9.273316	mp-10229
Nb3Si	-9.132438	mp-1220588
Nb3Si6	-7.533223	mp-12104
Nb10Si6	-8.927091	mp-567871
Nb3Si6	-7.533219	mp-2478
Nb3Si	-9.165550	mp-1004
Nb10Si6	-8.982482	mp-567996
Nb24Si8	-9.371007	mp-17848
Nb10B4Si2	-9.313086	mp-1209930
Nb10B2Si6	-8.853026	mp-1106165
Nb10B3Si3	-9.229662	mp-1220752
Mo6Si4	-8.945788	mp-1087230
MoSi	-8.435064	mp-972845
Mo6Si2	-9.805074	mp-1275

Mo10Si6	-9.213253	mp-1332
Mo2Si6	-6.534068	mp-978525
Mo3Si6	-7.701678	mp-8938
MoSi2	-7.730392	mp-2592
Mo10B4Si2	-9.529847	mp-4984
Tc6Si2	-9.235902	mp-972784
Tc4Si	-9.220503	mp-1219219
Tc4Si4	-8.416091	mp-1079910
Tc16Si28	-7.792530	mp-1203760
Ru16Si24	-7.599200	mp-22192
RuSi3	-6.230590	mp-978509
Ru8Si12	-7.577565	mp-20191
RuSi	-7.989226	mp-381
Ru16Si12	-8.174526	mp-510412
Ru10Si6	-8.284862	mp-1105935
RuSi2	-6.963153	mp-12874
Ru8Si16	-7.252072	mp-569815
Ru4Si4	-7.998941	mp-189
Ru8Si4	-8.396379	mp-10025
Ru16Si24	-7.364088	mp-669501
RuSi2	-7.124636	mp-7754
Rh20Si13	-7.346051	mp-1219339
Rh4Si4	-7.210682	mp-818
Rh8Si4	-7.434474	mp-20418
Rh10Si6	-7.385362	mp-21012
Rh3Si2	-7.398577	mp-1207013
Rh4Si4	-7.177718	mp-1483
Rh12Si16	-6.963966	mp-540791
Rh8Si10	-7.018518	mp-568792
Rh4Si4	-7.193255	mp-2287
RhSi	-6.926664	mp-10110
Rh3Si	-7.220863	mp-978552
Pd6Si3	-5.951366	mp-697068
Pd4Si4	-5.708682	mp-1079083
Pd4Si4	-5.841487	mp-389
Pd4Si	-5.491825	mp-1219217
Pd12Si4	-5.847991	mp-20622
Pd6Si3	-5.477637	mp-569278

Pd36Si8	-5.676439	mp-505071
Ag3Si	-3.313639	mp-1219243
Ag8Si4	-3.183873	mp-1095654
Ag6Si2	-3.305504	mp-1187005
Ag2Si6	-4.207176	mp-978806
Ag2Si6	-4.330666	mp-1248087
AgSi3	-4.231134	mp-978524
In6Si2	-3.125697	mp-1184934
In3Si	-3.117832	mp-1184853
SnSi18	-4.483234	mp-1094080
SnSi	-4.560945	mp-1009813
Sn3Si	-4.042100	mp-1187081
Sn3Si	-4.025449	mp-978494
Hf6Si4	-8.942892	mp-2105
Hf4Si2	-9.190290	mp-9938
Hf2Si4	-7.498474	mp-1069
Hf4Si4	-8.509284	mp-1042
Hf10Si6	-9.002270	mp-15965
Hf6Si2	-9.085258	mp-1184668
Hf20Si16	-8.746658	mp-17216
Ta10Si6	-10.012655	mp-570287
Ta4Si2	-10.270088	mp-2783
Ta10Si6	-10.063402	mp-1989
Ta24Si8	-10.688300	mp-568646
Ta3Si6	-8.046882	mp-11192
Ta3Si6	-8.046877	mp-517
Ta10Si6	-9.949215	mp-10203
WSi2	-8.282252	mp-1620
W2Si6	-6.907959	mp-972748
W10Si6	-10.307961	mp-31219
W3Si	-9.735877	mp-570334
W6Si4	-9.942948	mp-1079377
W3Si6	-8.214407	mp-8939
W10B3Si3	-10.559429	mp-1219326
ReSi2	-7.959048	mp-12605
Re6Si2	-10.545283	mp-974425
Re4Si7	-8.179861	mp-1219555
Re16Si8	-9.993099	mp-669547

Re8Si14	-8.309957	mp-568595
Re4Si4	-9.234498	mp-7948
OsSi3	-6.620242	mp-1252369
OsSi3	-6.604291	mp-978508
OsSi	-8.663153	mp-10015
Os8Si12	-8.167144	mp-16609
Os4Si4	-8.690220	mp-2488
Os16Si24	-8.197629	mp-16608
Os2Si4	-7.778039	mp-1072645
Os8Si16	-7.808967	mp-17123
Ir12Si16	-7.558342	mp-15656
Ir8Si4	-8.189251	mp-1103038
IrSi2	-7.071108	mp-1206741
Ir3Si2	-7.670245	mp-1219241
Ir2Si6	-6.212464	mp-569802
Ir6Si2	-8.379554	mp-1841
Ir4Si2	-8.032131	mp-1206308
Ir4Si4	-7.830362	mp-1128
Ir24Si40	-7.335515	mp-2084
Ir2Si6	-6.194095	mp-29663
Pt4Si4	-6.412281	mp-696
Pt2Si	-6.569418	mp-1299
Pt48Si20	-6.460056	mp-567618
Pt2Si6	-5.656927	mp-972763
Pt12Si4	-6.410084	mp-21163
Pt4Si6	-6.201056	mp-10744
Pt6Si3	-6.466948	mp-1024071
Pt6Si2	-6.362730	mp-1079269
Pt6Si2	-6.416276	mp-13363
Pt12Si10	-6.456471	mp-29661
Pt12Si5	-6.435344	mp-16317
Au6Si2	-3.645407	mp-972868
Au20Si6	-3.721586	mp-1219349
Au3Si	-3.647449	mp-1186998
AuBSi	-4.220430	mp-631562
Hg3Si	-1.168748	mp-978533
Hg6Si2	-1.174660	mp-978652
Tl3Si	-2.762617	mp-1187496

Tl3Si	-2.776351	mp-1187550
Tl3Si	-2.781697	mp-972082
Pb6Si2	-3.795176	mp-1187017
Pb3Si	-3.791823	mp-1187007
PbBSi	-3.859537	mp-631526
Sc6V2	-6.821477	mp-1186979
Cr4Sc8B24	-7.663216	mp-510306
Mn8Sc4	-8.361446	mp-2039
Fe4Sc2	-7.882635	mp-540
Fe8Sc4	-8.014240	mp-1095443
Fe24Sc116	-6.740438	mp-30702
Fe16Sc8	-7.892422	mp-1190697
Fe6Sc2	-7.906859	mp-1186986
Co8Sc24	-6.748638	mp-27162
Co4Sc2	-7.201592	mp-253
Co2Sc4	-6.851726	mp-30562
CoSc	-7.090778	mp-2212
Co21Sc2B6	-7.227831	mp-1193429
Co3ScB2	-7.381994	mp-4938
Ni8Sc16	-6.504845	mp-867501
NiSc	-6.563451	mp-11521
Ni3Sc	-6.316179	mp-1186985
Ni5Sc	-6.155576	mp-570673
Ni6Sc2	-6.307375	mp-1186988
Ni28Sc8	-6.292136	mp-1197416
Ni4Sc2	-6.485169	mp-850
Ni21Sc2B6	-6.384795	mp-647205
Ni4Sc4B16	-7.036802	mp-21081
Ni20Sc3B6	-6.461537	mp-1194311
Cu2Sc	-5.103144	mp-1018149
Cu3Sc	-4.812951	mp-973100
Cu3Sc	-4.821620	mp-973092
CuSc	-5.496633	mp-1169
Sc2Zn6	-2.841059	mp-862260
Sc12Zn72	-2.218633	mp-1219746
ScZn3	-2.823420	mp-973143
ScZn	-4.177672	mp-11566
Sc4Zn8	-3.296395	mp-13503

ScZn12	-1.786530	mp-11567
Sc12Zn68	-2.257967	mp-569900
Ga3Sc	-4.354837	mp-932
Ga18Sc22	-5.430151	mp-1220009
Ga6Sc10	-5.615758	mp-17332
Ga16Sc24	-5.583792	mp-30666
Ga6Sc10	-5.622882	mp-1179520
Ga4Sc2	-4.673670	mp-11413
Ga20Sc12	-4.868273	mp-1200767
Ga2Sc6	-5.840673	mp-1186968
Ga2Sc2	-5.282475	mp-11411
Ga20Sc22	-5.343379	mp-1209233
Ga4Sc2	-4.694517	mp-11412
Sc2Ge4	-5.765066	mp-10212
Sc10Ge6	-6.534870	mp-17190
ScGe	-5.224514	mp-1009753
Sc22Ge20	-6.340166	mp-1196279
Sc2Ge2	-6.253321	mp-9970
Sc20Ge16	-6.416595	mp-1198803
ScY	-6.348379	mp-1215893
ScZr	-7.442044	mp-1215201
Sc4Zr2	-7.092844	mp-1077791
Sc2Zr6	-8.024313	mp-1188062
NbSc3	-7.174943	mp-1186972
NbSc	-8.030368	mp-973229
Sc6Tc2	-7.409748	mp-861889
ScTc3	-9.467003	mp-867262
Ru26Sc114	-7.165305	mp-1210377
Ru8Sc4	-8.683818	mp-567750
Ru3Sc	-8.589062	mp-973022
Ru14Sc88	-6.948057	mp-1209947
Ru3Sc	-8.584624	mp-973004
RuSc	-8.346507	mp-30867
Ru8Sc22	-7.521478	mp-1194143
Ru16Sc4B16	-8.263786	mp-1200617
Rh26Sc114	-6.944456	mp-30863
Rh3Sc	-7.713190	mp-635
RhSc	-7.878891	mp-1780

Rh68Sc16B48	-7.609779	mp-1200575
Rh3ScB	-7.774142	mp-569875
Rh4Sc8B24	-7.402378	mp-569116
Rh15Sc5B	-7.716464	mp-1219416
Rh10Sc6B4	-7.796037	mp-542020
PdSc	-6.663946	mp-2781
Pd8Sc16	-6.609387	mp-1190862
Pd3Sc	-6.323612	mp-2677
Pd3ScB	-6.254571	mp-1017631
Ag3Sc	-3.890137	mp-1186973
Ag4Sc	-3.730539	mp-30354
AgSc	-4.869526	mp-11237
Ag2Sc	-4.301338	mp-1018128
Cd14Sc2	-1.705695	mp-31502
Cd6Sc2	-2.488881	mp-30494
Cd2Sc6	-5.111378	mp-972876
CdSc	-3.917842	mp-1211
InSc3	-5.724426	mp-570428
In2Sc4	-5.513035	mp-31348
In2Sc6	-5.732707	mp-19713
In3Sc	-3.945216	mp-20539
In4Sc2	-4.299859	mp-1206268
InSc	-4.962316	mp-1207100
InSc3B	-6.081131	mp-19726
Sc6Sn2	-6.202652	mp-1186976
ScSn	-5.611717	mp-1206765
ScSn	-4.758264	mp-1009747
Sc3Sn	-6.186729	mp-1186970
ScSn3	-4.843824	mp-981383
Sc2Sn6	-4.836744	mp-972889
Sc4Sn8	-5.252219	mp-2398
Sc12Sn10	-5.943084	mp-1209024
Sc10Sn6	-6.145050	mp-17695
Sc3SnB	-6.545797	mp-10139
HfSc	-8.129685	mp-1224300
Hf6Sc2	-9.052249	mp-1184681
Hf5Sc	-9.362168	mp-976128
Re8Sc4	-10.755330	mp-11557

Re24Sc5	-11.615324	mp-11558
Os3Sc	-9.899291	mp-1186989
Os8Sc22	-8.008527	mp-12305
Os14Sc88	-7.201947	mp-568623
Os3Sc	-9.904603	mp-981384
Os8Sc4	-9.975812	mp-567612
Os2Sc6	-7.729412	mp-1186981
Os4Sc4B8	-8.410091	mp-1189073
Os6Sc2B8	-8.792221	mp-10504
Ir8Sc22	-7.695615	mp-12304
Ir2Sc8	-6.700055	mp-1209069
Ir3Sc	-8.833036	mp-12593
Ir14Sc88	-7.048822	mp-1200708
Ir26Sc114	-7.289613	mp-1201561
Ir8Sc16	-7.932241	mp-1190979
IrSc	-8.643918	mp-1129
Ir4Sc2	-8.760567	mp-2263
Ir3ScB2	-8.321328	mp-1077776
Ir3ScB	-8.562454	mp-10113
Ir6Sc2B8	-8.031286	mp-10114
Pt3Sc	-7.176427	mp-481
Pt4Sc8	-7.221942	mp-11550
PtSc	-7.429184	mp-892
Pt26Sc114	-6.852680	mp-1196981
Pt3ScB	-6.881145	mp-1018627
Au3Sc	-4.620220	mp-1186977
Au2Sc	-5.110991	mp-1018148
Au4Sc	-4.431801	mp-1068446
AuSc	-5.611276	mp-11256
Au6Sc2	-4.628632	mp-972895
HgSc3	-5.042832	mp-1186967
HgSc	-3.746465	mp-11471
Hg2Sc6	-5.049373	mp-861910
Hg6Sc2	-2.041617	mp-30722
Sc6Ti2	-5.548375	mp-1186974
Sc3TiB	-5.963034	mp-10140
Pb6Sc10	-5.818797	mp-510209
PbSc3	-5.952224	mp-978531

Pb3Sc	-4.466950	mp-1186990
Pb10Sc12	-5.576788	mp-672313
PbSc3B	-6.398252	mp-10133
TiV	-8.371092	mp-1216646
Ti4V	-8.011222	mp-1217117
TiVB4	-8.178899	mp-1216667
Cr4Ti2	-9.169605	mp-1425
Cr16Ti8	-9.169682	mp-568636
Cr8Ti4	-9.152805	mp-1589
CrTi4	-8.155084	mp-1217156
CrTiB4	-8.062135	mp-1216966
Mn7Ti5	-8.875251	mp-1217189
Mn8Ti4	-9.011217	mp-1949
Mn50Ti42	-8.838724	mp-1202079
Fe8Ti16	-8.301502	mp-1192216
FeTi4	-8.014012	mp-1217161
Fe8Ti4	-8.497765	mp-2454
FeTi	-8.603317	mp-305
Co3Ti	-7.564062	mp-608
Co8Ti16	-7.917585	mp-1191331
Co4Ti2	-7.673084	mp-695
Co16Ti8	-7.675506	mp-1191422
CoTi	-7.900304	mp-823
Co6Ti2	-7.517123	mp-1079863
Co2Ti4	-7.176699	mp-30566
Co21Ti2B6	-7.369383	mp-1193707
Co10Ti6B4	-7.814778	mp-504617
Co20Ti3B6	-7.398939	mp-1193476
Co3Ti20B6	-7.772713	mp-1208329
Ni2Ti2	-7.216265	mp-603347
Ni3Ti3	-6.937209	mp-1216890
Ni9Ti9	-7.208906	mp-2716
Ni2Ti2	-7.231663	mp-1067248
Ni2Ti2	-7.233669	mp-1048
NiTi	-7.167028	mp-998945
Ni2Ti2	-7.161501	mp-1067475
NiTi	-7.184966	mp-571
Ni8Ti8	-7.196886	mp-1190013

Ni6Ti6	-7.214477	mp-640189
Ni8Ti16	-7.467576	mp-1808
Ni2Ti6	-7.443307	mp-1187671
Ni8Ti6	-7.099701	mp-567653
Ni9Ti9	-7.210966	mp-597
NiTi3	-7.445556	mp-981209
Ni12Ti4	-6.791757	mp-1409
Ni20Ti3B6	-6.610527	mp-1193912
Ni21Ti2B6	-6.475719	mp-1193180
Cu8Ti16	-6.650670	mp-1192264
CuTi2	-6.747727	mp-742
Cu6Ti4	-5.734751	mp-622570
Cu8Ti20	-6.716227	mp-1208489
Cu4Ti3	-5.851864	mp-2643
Cu4Ti2	-5.464553	mp-1077023
Cu6Ti2	-5.141528	mp-12546
Cu16Ti4	-4.942194	mp-1188441
CuTi3	-6.925612	mp-11365
Cu2Ti2	-6.132820	mp-2078
CuTi	-6.050140	mp-11364
Cu3Ti2	-5.692009	mp-30599
CuTiB	-6.434555	mp-1100413
Ti3Zn	-6.342885	mp-1187474
Ti4Zn8	-3.635856	mp-30882
TiZn3	-3.118828	mp-21289
Ti2Zn32	-1.714389	mp-2327
Ti3Zn	-6.343608	mp-866186
Ti2Zn	-5.839108	mp-1014229
Ti2Zn6	-3.112756	mp-1187531
TiZn	-4.770546	mp-1014230
Ti12Zn88	-2.177837	mp-1208498
GaTi3	-6.988501	mp-972069
Ga2Ti4	-6.675700	mp-30671
GaTi	-5.933426	mp-2767
Ga6Ti10	-6.478684	mp-30674
Ga6Ti4	-5.434448	mp-30673
GaTi3	-6.468730	mp-672250
Ga8Ti10	-6.171277	mp-30675

GaTi2	-5.848427	mp-1008726
Ga2Ti6	-7.000013	mp-30672
GaTi3	-6.870737	mp-998988
Ga8Ti4	-5.088236	mp-571342
Ga3Ti	-4.618507	mp-2731
Ti20Ge16	-7.126767	mp-1198692
Ti3Ge	-7.348963	mp-998987
Ti12Ge10	-7.070958	mp-1365
Ti2Ge	-6.354914	mp-1008727
Ti12Ge4	-7.521731	mp-1189044
Ti2Ge4	-6.132718	mp-567889
Ti10Ge6	-7.364123	mp-568151
Ti6BGe2	-7.655389	mp-1080829
TiY	-6.816506	mp-999484
TiZr	-8.133234	mp-1215236
Ti4Zr2	-7.927421	mp-1080389
Ti6Zr2	-8.027291	mp-1183046
Ti2Zr	-8.080293	mp-1008568
TiZr	-8.141960	mp-1215200
TiZrB4	-8.196588	mp-1215178
NbTi3	-8.364985	mp-981232
NbTi	-8.963540	mp-1216634
NbTi3	-8.391522	mp-1217091
NbTi3	-8.362490	mp-980945
Nb2Ti6	-8.369060	mp-1187514
NbTiB2	-8.649062	mp-1216709
NbTiB4	-8.343013	mp-1216692
Mo2Ti2	-8.669843	mp-998968
Mo2Ti	-9.950038	mp-1216675
Mo3Ti	-10.255361	mp-1017983
MoTiB2	-8.840124	mp-1217028
MoTi3B4	-8.487273	mp-1217095
MoTiB4	-8.260064	mp-1217026
Mo3Ti3B4	-8.961477	mp-1217082
TcTi	-9.624628	mp-11573
RuTi	-9.347573	mp-592
RuTi4	-8.301839	mp-1217110
Ru3Ti	-9.137991	mp-998947

RhTi2	-8.339706	mp-1018124
RhTi	-8.371272	mp-2583
Rh3Ti	-8.115061	mp-1152
RhTi	-8.351155	mp-11563
Rh10Ti6	-8.339380	mp-17413
Rh6Ti2B	-8.080395	mp-571126
Pd5Ti3	-6.496614	mp-1080070
Pd3Ti	-6.499579	mp-636328
Pd2Ti6	-7.563096	mp-1079796
PdTi	-7.010836	mp-11546
Pd2Ti	-6.715125	mp-1018121
PdTi	-7.069830	mp-1056985
PdTi2	-7.439620	mp-13164
Pd2Ti2	-7.082597	mp-979261
Pd5Ti3	-6.815128	mp-570199
Pd2Ti	-6.716624	mp-1061861
Pd12Ti4	-6.508437	mp-1105911
PdTi4	-7.576670	mp-1217168
Pd6Ti4	-6.870783	mp-30840
Pd2Ti2	-7.081650	mp-980094
Ag2Ti2	-5.429487	mp-1017985
AgTi2	-6.265120	mp-979115
AgTi3	-6.528073	mp-621131
AgTi	-5.267008	mp-1961
CdTi3	-6.103695	mp-1187466
Cd6Ti2	-2.619336	mp-1187478
Cd2Ti2	-4.460969	mp-30500
CdTi2	-5.640891	mp-30501
InTi	-5.466646	mp-1216825
InTi3	-6.723309	mp-1187665
In8Ti6	-4.986198	mp-20433
In2Ti6	-6.736477	mp-866046
InTi3	-6.641250	mp-998979
In10Ti4	-4.185712	mp-637377
InTi2	-5.644782	mp-1008702
In20Ti32	-6.022378	mp-1205133
Sn10Ti12	-6.500761	mp-20382
Sn6Ti2	-4.878401	mp-972318

Sn12Ti8	-5.871908	mp-637255
Sn10Ti12	-6.480092	mp-568232
Sn2Ti4	-6.933318	mp-30875
Sn2Ti6	-7.221035	mp-21030
SnTi3	-7.118153	mp-998982
SnTi2	-6.331938	mp-1008688
Sn2Ti6	-7.223651	mp-1079460
Sn6Ti10	-6.786367	mp-20847
SnTi3	-7.185525	mp-570691
Hf2Ti6	-8.389255	mp-1184672
HfTi	-8.871507	mp-1224258
HfTiB4	-8.453060	mp-1224263
TaTi3	-8.788553	mp-1187256
TaTi	-9.816037	mp-1217887
TaTi3	-8.788473	mp-1187253
TaTi3	-8.791096	mp-1187250
TaTiB4	-8.627983	mp-1217898
Ta3TiB4	-9.610193	mp-1217975
TiW	-10.446184	mp-1216621
TiWB2	-9.335452	mp-1217023
ReTi	-10.567948	mp-2179
ReTi2	-9.729218	mp-1018125
Re24Ti5	-11.882868	mp-518
Re2Ti4B4	-9.150477	mp-10136
Os8Ti4	-10.314811	mp-1101941
OsTi3	-9.060443	mp-865899
OsTi	-10.267983	mp-291
Os3Ti	-10.525241	mp-980203
Ir3Ti	-9.335621	mp-1089
IrTi	-9.224575	mp-1235
Ir2Ti6	-8.707508	mp-544
IrTi	-9.138175	mp-12594
Pt2Ti2	-7.903547	mp-998949
Pt3Ti	-7.371295	mp-12107
Pt12Ti4	-7.373404	mp-1189793
Pt21Ti7	-7.375983	mp-569708
Pt10Ti6	-7.695619	mp-30851
Pt2Ti6	-8.085950	mp-2339

PtTi	-7.767860	mp-11552
Pt8Ti	-6.708306	mp-30852
Pt6Ti2	-7.365417	mp-972220
Pt42Ti13	-6.424890	mp-1238909
Au2Ti	-5.234187	mp-1018123
Au2Ti2	-5.971968	mp-998985
Au4Ti	-4.476528	mp-12635
AuTi	-5.904441	mp-11259
AuTi	-5.733442	mp-1217014
Au3Ti	-4.706275	mp-1187512
Au2Ti	-3.148641	mp-1172831
Au2Ti6	-7.093421	mp-1786
Au2Ti2	-6.007172	mp-998972
AuTi3	-6.969799	mp-11260
Hg2Ti6	-6.100150	mp-2354
HgTi3	-6.029302	mp-2560
HgTi	-4.108493	mp-1526
Ti3Ti	-6.505215	mp-865900
TiTi3	-3.445713	mp-1100771
Pb2Ti6	-6.910235	mp-866184
Pb3Ti13	-7.139521	mp-1217515
Cr3V	-9.564872	mp-1187696
CrV3	-9.254715	mp-1187695
CrV	-9.410036	mp-1216394
Cr3V3B8	-8.496592	mp-1216493
CrVB2	-8.710192	mp-1216398
Cr3V9B8	-8.910467	mp-1216445
CrVB4	-8.112829	mp-1216375
MnV	-9.258025	mp-1221550
MnV	-9.406920	mp-316
MnV3	-9.249998	mp-864984
FeV	-8.880569	mp-1216347
Fe2V6	-9.100375	mp-1079399
FeV3	-9.070323	mp-1187697
Fe3V	-8.679020	mp-1216352
Fe3V	-8.751097	mp-866134
FeV	-8.905105	mp-1335
Fe4V	-8.637265	mp-1216329

FeV11B8	-8.795078	mp-1216907
Co2V6	-8.786228	mp-1585
Co4V	-7.452594	mp-1216400
Co6V2	-7.767886	mp-1095057
Co18V6	-7.774700	mp-542614
Co3V	-7.462335	mp-1216405
Co3V	-7.769373	mp-1017529
CoV	-8.141213	mp-1002109
Co18V6	-6.543092	mp-680599
Co20V3B6	-7.496718	mp-1193521
Co21V2B6	-7.400797	mp-1193908
Co2V2B6	-7.861465	mp-10057
Ni12V18	-7.949935	mp-1216708
NiV	-7.444400	mp-1216313
Ni2V	-7.123645	mp-11531
Ni3V	-6.848223	mp-171
Ni3V	-6.630613	mp-1216317
Ni3V	-6.701634	mp-1216314
Ni2V6	-8.414195	mp-7226
Ni21V2B6	-6.470310	mp-1207902
Ni20V3B6	-6.615907	mp-1192799
CuV3	-7.679191	mp-979283
CuV3	-7.689997	mp-1187753
VZn3	-3.267664	mp-11578
V4Zn5	-4.783522	mp-30883
Ga10V4	-4.989566	mp-20405
Ga8V12	-6.773191	mp-1189774
Ga41V8	-4.197795	mp-21965
Ga2V6	-7.744055	mp-22568
Ga14V12	-6.001195	mp-1216505
GaV3	-7.650897	mp-1216480
Ga14V12	-5.972658	mp-1216501
GaV	-6.181462	mp-1216325
Ga10V12	-6.542208	mp-571557
V2Ge6	-5.521176	mp-672337
V3Ge6	-6.278513	mp-1084800
V6Ge2	-8.303711	mp-1221
V68Ge124	-6.403042	mp-680383

V10Ge6	-7.721752	mp-20916
V10B2Ge6	-7.787869	mp-1106398
V4Y4B16	-7.746165	mp-1191641
V2Zr6	-8.465354	mp-1188058
V4Zr2	-8.853467	mp-258
NbVB4	-8.355603	mp-1220351
MoV	-9.620889	mp-995205
MoV3	-9.591391	mp-972071
TcV	-10.094462	mp-2540
RuV4	-9.211517	mp-1216449
Ru4V	-8.959357	mp-1216276
Ru6V2	-9.344464	mp-971788
RuV	-9.412854	mp-1395
RuV3	-9.410868	mp-865382
Ru3V	-9.241347	mp-1216264
Ru2V2B4	-8.425626	mp-1216407
RhV	-8.584655	mp-1251
Rh2V2	-8.610269	mp-971751
Rh6V2	-8.174150	mp-866161
Rh5V3	-8.368382	mp-1216486
Rh3V	-8.159201	mp-1185
Rh2V6	-8.975749	mp-1578
Pd2V6	-8.240648	mp-1664
Pd2V	-6.760943	mp-11549
Pd3V	-6.390017	mp-568711
Pd4V	-6.106232	mp-1216296
Pd3V	-6.401433	mp-873
Pd3V	-6.312841	mp-1216290
Pd6V2	-6.388723	mp-979980
AgV3	-7.147347	mp-1187719
AgV3	-7.150485	mp-971703
Cd2V6	-6.711960	mp-568564
Cd2V6	-6.710869	mp-983607
CdV3	-6.678465	mp-11312
In6V2	-4.054182	mp-1188006
Sn2V6	-7.840637	mp-22211
Sn8V4	-5.755791	mp-20887
Sn2V6	-7.880429	mp-21342

Sn6V2	-4.938519	mp-1187826
Hf2V4	-9.339270	mp-1043
Hf2V4	-9.338845	mp-1077017
Hf2V4	-9.338924	mp-1071274
Ta2V4	-10.110272	mp-567276
TaV	-10.384293	mp-1217812
TaVB4	-8.636739	mp-1217818
VW	-11.089553	mp-1216231
VW3	-12.076149	mp-1187702
ReV3	-10.190373	mp-865385
ReV11B8	-9.011749	mp-1216792
Re11VB4	-11.038447	mp-1216295
ReV3B4	-9.016221	mp-1216475
OsV	-10.388540	mp-12778
OsV	-10.155497	mp-1216312
OsV4	-9.618711	mp-1216444
OsV3	-9.975384	mp-866121
OsVB4	-8.135334	mp-1216395
Ir16V16	-9.478817	mp-1204410
Ir6V2	-9.418394	mp-865496
Ir4V4	-9.477332	mp-1079131
Ir2V2	-9.495856	mp-569250
IrV4	-9.173995	mp-1216454
Ir2V6	-9.521163	mp-2006
Ir4V4	-9.479215	mp-1079582
Ir16V16	-9.479759	mp-1178808
Ir4V4	-9.484265	mp-982070
Ir3V	-9.395905	mp-1082
Ir16V16	-9.479991	mp-1178810
IrV	-9.467421	mp-1281
PtV	-8.127846	mp-2678
Pt8V	-6.666051	mp-1079997
Pt3V	-7.267778	mp-2705
Pt2V	-7.618812	mp-12108
Pt2V2	-8.127579	mp-1017531
Pt3V	-7.258827	mp-372
PtV3	-8.567266	mp-636331
Pt3V	-7.112614	mp-1216270

PtV	-7.877125	mp-1216236
Pt2V6	-8.757828	mp-2211
Au4V	-4.428999	mp-1069697
Au6V2	-4.559724	mp-1187741
Au4V2	-5.129788	mp-30423
AuV	-5.964729	mp-1216391
AuV3	-7.566762	mp-570698
Au2V6	-7.667560	mp-839
Hg6V2	-1.996177	mp-1187732
Tl3V	-3.514492	mp-1187482
Tl3V	-3.353702	mp-981210
Pb2V6	-7.493040	mp-30830
CrMn	-9.340674	mp-1221647
CrMnB2	-8.529129	mp-1221636
Cr3Fe	-9.186190	mp-1008282
CrFe4	-8.289539	mp-1226230
CrFe	-8.801324	mp-1226211
Cr3Fe	-9.094644	mp-1008285
Cr4Fe2	-8.947067	mp-1077708
CrFe3	-8.668010	mp-1018081
CrFe3	-8.700483	mp-1018067
Cr3Fe	-9.082948	mp-1017511
Cr9FeB6	-8.867849	mp-1226337
Cr2Fe2B4	-8.227480	mp-1226310
CrFe3B2	-8.312403	mp-1226213
Co2Cr4	-8.516623	mp-1077706
CoCr	-8.227122	mp-1010071
Co3Cr	-7.681558	mp-1008280
Co3Cr	-7.660324	mp-1226209
Co12Cr18	-8.552764	mp-1226444
Co2Cr6	-8.764741	mp-1025503
Co6Cr2	-7.720331	mp-1087479
Co21Cr2B6	-7.364856	mp-542727
Co2Cr2B2	-8.073079	mp-1226217
CrNi	-7.564784	mp-1226232
Cr4Ni	-8.788023	mp-1226243
CrNi3	-6.636591	mp-1007974
Cr4Ni2	-8.092542	mp-1077252

CrNi3	-6.761855	mp-1007923
Cr3Ni	-8.533512	mp-1008278
Cr2Ni4	-6.810230	mp-1077077
CrNi2	-7.089559	mp-784631
CrNi3	-6.693569	mp-1226338
CrNi	-7.457728	mp-1226196
CrNi3	-6.637399	mp-1007975
Cr3Ni	-8.495649	mp-1008284
Cr3Ni	-8.444940	mp-1008275
Cr2Ni3B6	-7.299977	mp-1226092
Cr3NiB6	-7.838356	mp-1226349
Cr3Cu	-7.970024	mp-984711
CrCuB	-6.532219	mp-1100441
CrZn3	-3.252962	mp-1187923
Cr3Zn	-7.321585	mp-971752
Cr6Ga2	-8.038625	mp-1231
Cr13Ga13	-6.356028	mp-1182452
Cr9Ga12	-5.892100	mp-18654
CrGa4	-4.509414	mp-1070544
Cr4Ge4	-7.064523	mp-20861
Cr44Ge76	-6.478554	mp-579963
Cr6Ge2	-8.482478	mp-20685
Cr10Ge6	-7.747549	mp-568324
Cr44Ge32	-7.492945	mp-571123
Cr4Y4B16	-7.791815	mp-20450
Cr16Zr8	-9.312536	mp-570608
Cr4Zr2	-9.314295	mp-903
Cr8Zr4	-9.296936	mp-1919
CrNb3	-9.600176	mp-999446
Cr3Nb	-9.405870	mp-999392
Cr16Nb8	-9.601978	mp-1220609
Cr3Nb	-9.244189	mp-999393
CrNb3	-9.713548	mp-999441
Cr4Nb2	-9.829479	mp-548
Cr8Nb4	-9.812679	mp-1095643
Cr16Nb8	-9.822445	mp-1191777
Cr2Nb4	-9.154634	mp-1077258
Cr3Nb	-9.664979	mp-999390

CrNb3	-9.886426	mp-999439
Cr2Nb4B4	-9.269983	mp-1079560
CrMoB4	-8.146963	mp-1226227
CrMoB4	-8.166260	mp-1226219
CrMoB2	-8.939332	mp-1226228
Cr2Mo4B4	-9.383285	mp-1206931
Cr3Mo3B4	-9.116186	mp-1226327
CrRu	-9.334039	mp-1226177
Cr3Ru	-9.381039	mp-1226223
Cr6Ru2	-9.471643	mp-1272
Cr2Ru2B4	-8.367741	mp-1226273
CrRh	-8.504848	mp-1226170
CrRh3	-8.045031	mp-12585
Cr6Rh2	-9.001253	mp-958
Cr3Rh25B12	-7.578245	mp-1226568
CrPd3	-6.372208	mp-865786
CrPd	-7.152485	mp-1226166
Ag3Cr	-4.269663	mp-1183721
CrIn3	-4.091009	mp-1226295
Cr2In6	-4.166221	mp-1183750
Cr4Sn8	-5.742233	mp-609
Cr16Hf8	-9.854622	mp-973904
Cr8Hf4	-9.838187	mp-569624
Cr4Hf2	-9.855031	mp-819
Cr8Ta4	-10.489278	mp-570963
Cr4Ta2	-10.499782	mp-2385
Cr2Ta4B4	-10.049319	mp-1080757
CrTaB4	-8.547791	mp-1217958
CrWB2	-9.425391	mp-1226242
CrRe3	-11.613557	mp-1183703
CrRe5B2	-10.861504	mp-1226226
CrRe13B6	-10.813802	mp-1226393
CrRe3B4	-9.411837	mp-1226262
Cr6Os2	-10.016947	mp-416
Cr3Os	-9.852594	mp-1226294
Cr8Os4B12	-8.722519	mp-1226478
CrIr3	-9.146000	mp-1226316
CrIr	-9.388411	mp-1226229

Cr6Ir2	-9.510806	mp-1609
CrIr3	-9.282679	mp-12083
Cr2Ir6	-9.277438	mp-1183749
Cr8Ir4B8	-8.682218	mp-1188995
Cr8Ir4B8	-8.669100	mp-569911
CrPt4	-6.877194	mp-1226207
Cr6Pt2	-8.752506	mp-1183705
CrPt	-7.812638	mp-1226164
Cr6Pt2	-8.760835	mp-446
CrPt3	-7.008800	mp-2515
CrPt	-7.966560	mp-1206750
AuCr	-5.991682	mp-1226221
Au4Cr	-4.521869	mp-1070789
CrHg3	-2.279515	mp-1183693
Cr2Ti6	-3.735084	mp-972130
Cr2Pb4	-5.185528	mp-1072023
Fe4Mn	-8.568650	mp-1221635
FeMn3	-8.967713	mp-999545
Fe6Mn14	-8.866271	mp-1221991
FeMn	-8.723459	mp-1009134
Fe3Mn	-8.576745	mp-1221628
Fe3Mn	-8.591676	mp-999542
Fe2Mn2B2	-8.372600	mp-1221654
CoMn	-7.695375	mp-1009133
Co2Mn6	-8.664664	mp-1185970
Co3Mn	-7.579124	mp-999543
Co6Mn2	-7.518207	mp-1186063
Co21Mn2B6	-7.297382	mp-1194187
Co2Mn2B2	-7.901015	mp-1221661
Co2Mn2B4	-7.776670	mp-1221680
Co20Mn3B6	-7.352923	mp-1193450
MnNi	-7.424317	mp-1221603
MnNi3	-6.737203	mp-11501
MnNi	-7.512274	mp-11500
MnNi	-7.364687	mp-1221588
MnNi	-7.511255	mp-1797
Mn2Ni21B6	-6.353916	mp-1193061
Mn3Ni20B6	-6.462704	mp-1194237

CuMn4	-8.015898	mp-1221725
Cu6Mn2	-5.271976	mp-974747
MnZn13	-1.845718	mp-1210567
MnZn	-5.148129	mp-11503
Mn2Zn6	-3.055673	mp-975079
MnZn13	-1.760454	mp-1210582
Mn3Zn	-6.980814	mp-973181
MnZn3	-3.179550	mp-1221532
MnZn3	-3.264694	mp-11504
MnZn	-5.043402	mp-1221543
MnZn3	-3.157436	mp-1221570
Mn3Zn	-6.993197	mp-1185979
Ga58Mn12	-4.223578	mp-1196402
GaMn	-6.235341	mp-1001836
GaMn3	-7.550451	mp-1221828
GaMn3	-7.477269	mp-1210627
GaMn3	-7.489065	mp-1221851
Ga4Mn	-4.429972	mp-1069288
Ga10Mn4	-4.782269	mp-607225
Ga10Mn16	-6.712695	mp-1194466
Ga2Mn6	-7.519714	mp-1078584
Ga13Mn13	-6.000138	mp-636105
GaMn4	-7.829665	mp-1221812
GaMn	-5.988016	mp-1221639
GaMn3	-7.612455	mp-999550
Mn4Ge4	-6.854212	mp-1078464
Mn6Ge2	-8.080662	mp-1078873
Mn10Ge4	-7.867884	mp-632686
Mn3Ge	-8.040445	mp-20139
Mn12Ge20	-6.388237	mp-1097859
Mn2Ge4	-6.152408	mp-1094140
Mn30Ge12	-7.747090	mp-704981
Mn3Ge	-7.795551	mp-1222005
Mn4Ge2	-7.684341	mp-20473
Mn3Ge	-8.148916	mp-865027
Mn44Ge32	-7.181550	mp-654223
MnGe3	-5.429412	mp-1186709
Mn2Ge	-7.516129	mp-1008920

Mn10Ge6	-7.566610	mp-617291
Mn23Y6	-8.507872	mp-1355
Mn12Y	-8.956314	mp-22508
Mn2Y	-7.511901	mp-1062072
Mn4Y2	-8.102440	mp-558
Mn2Y6B14	-7.447240	mp-1192224
Mn4Y4B16	-7.691443	mp-1191988
Mn16Zr8	-9.125959	mp-1015
MnZr3	-8.561824	mp-1188027
Mn4Zr2	-9.144659	mp-2116
Mn8Zr4	-9.127886	mp-1014
Mn9Zr3	-9.061613	mp-1215293
Mn6Zr2	-8.862453	mp-1188045
MnZr3	-8.561042	mp-1188041
Mn8Nb4	-9.617478	mp-12659
MnMo3	-8.976576	mp-1180144
Mn2Mo4B4	-9.253952	mp-1092278
MnMo3B4	-9.005187	mp-1221732
Mn3Mo3B4	-9.098469	mp-1221842
Mn2MoB4	-8.364358	mp-1078108
Mn2Ru6	-9.245740	mp-865045
MnRu	-9.170859	mp-1221551
MnRh	-8.441454	mp-417
Mn3Rh	-8.644381	mp-2577
Mn3Pd5	-6.925613	mp-1078895
Mn7Pd9	-6.951635	mp-1210958
MnPd	-7.363197	mp-1902
Mn11Pd21	-6.774029	mp-758104
Mn2Pd6	-6.404346	mp-31138
MnPd	-7.370653	mp-238
Mn2Pd6	-6.385358	mp-1186013
MnPd3	-6.263597	mp-1221576
Cd3Mn	-2.807042	mp-1185991
CdMn3	-6.575030	mp-1185933
In3Mn	-3.792333	mp-1186012
In13Mn39	-7.336963	mp-1225318
Mn32Sn20	-7.090215	mp-1213259
Mn2Sn4	-5.579091	mp-20086

Mn2Sn2	-6.026571	mp-999507
Mn6Sn2	-7.364569	mp-22389
Mn4Sn2	-6.757803	mp-22514
Mn2Sn6	-5.018253	mp-974906
MnSn	-6.257300	mp-1018145
Mn12Sn8	-7.028762	mp-600428
MnSn	-6.275702	mp-1009206
Mn3Sn	-7.650828	mp-1018023
MnSn	-5.765689	mp-1018155
MnSn3	-5.031342	mp-1186041
Hf16Mn8	-9.798077	mp-1192157
Hf8Mn16	-9.676199	mp-1190880
Hf4Mn8	-9.681847	mp-11449
Hf12Mn12	-9.747617	mp-1191460
Mn8Ta4	-10.284159	mp-12678
Mn2TaB4	-8.717349	mp-1077930
Mn2WB4	-8.615699	mp-1077988
Mn2W4B4	-10.046211	mp-19789
MnW3B4	-9.735026	mp-1221699
Mn3WB4	-8.832980	mp-1221797
Mn3Re	-9.922829	mp-1185924
Mn2Re6B4	-10.195902	mp-1221607
Mn2Re2B4	-9.017977	mp-1221600
Mn6Os2	-9.683203	mp-1185935
Mn2Os6	-10.742770	mp-1186060
Ir2Mn6	-9.231192	mp-864735
IrMn	-9.157905	mp-2728
IrMn	-9.053832	mp-1221583
Ir6Mn2	-9.037431	mp-865022
MnPt2	-7.291267	mp-1221567
Mn3Pt	-8.325273	mp-30785
MnPt	-7.962776	mp-1670
MnPt	-7.624235	mp-1221545
MnPt3	-7.197499	mp-1180
Au31Mn9	-4.251457	mp-30411
Au6Mn2	-4.801153	mp-1186010
Au2Mn	-5.347252	mp-11252
Au3Mn	-4.337654	mp-1221687

AuMn	-6.229283	mp-12675
Au4Mn	-4.417848	mp-1221711
Au4Mn	-4.529058	mp-12565
Au3Mn	-4.191701	mp-1206376
Au3Mn9	-6.949656	mp-640079
Au5Mn2	-5.036801	mp-30410
AuMn2	-7.019032	mp-30409
AuMn	-6.227738	mp-12674
Hg3Mn	-2.223850	mp-1185994
Hg10Mn4	-2.208847	mp-30720
HgMn	-4.396592	mp-2222
HgMn3	-6.519754	mp-975467
MnTl3	-3.671884	mp-1186009
Mn3Tl	-6.974386	mp-972987
Mn2Tl6	-3.672281	mp-975059
CoFe7	-8.322061	mp-1080603
Co5Fe11	-8.100967	mp-601848
Co3Fe	-7.413814	mp-1225083
Co9Fe	-6.640348	mp-1096987
CoFe3	-8.177329	mp-601820
CoFe15	-8.395746	mp-18695
Co3Fe13	-8.246870	mp-641526
Co3Fe5	-7.970696	mp-1084832
CoFe	-7.805625	mp-1225016
CoFe	-7.857093	mp-2090
Co7Fe9	-7.942042	mp-601842
Co3Fe	-7.437617	mp-1007852
Co6Fe6B4	-7.552136	mp-1225207
Co2Fe2B4	-7.605051	mp-1224999
Co2Fe2B2	-7.586485	mp-1224984
Fe3Ni	-7.462781	mp-1007853
FeNi	-7.192302	mp-2213
FeNi3	-6.301425	mp-1007855
Fe2Ni6	-6.526020	mp-1079337
FeNi	-7.123482	mp-1224976
FeNi3	-6.542367	mp-1418
Fe3Ni	-7.673687	mp-1224780
FeNi3	-6.326763	mp-1225078

Fe2Ni4	-6.573168	mp-1072076
Fe4Ni2	-7.394833	mp-1077745
FeNi3	-6.175074	mp-1007854
Fe3Ni	-7.747480	mp-999189
Fe3Ni	-7.664787	mp-1007862
Fe3Ni	-7.588118	mp-1224827
Fe2Ni	-7.528879	mp-1224697
Fe6Ni4	-7.131547	mp-1225009
FeNi	-7.109070	mp-1224965
Fe2Ni2B2	-7.228797	mp-1224960
Fe8Ni4B4	-7.423597	mp-1184343
Fe3Ni20B6	-6.445342	mp-1193589
Fe6Ni6B4	-7.107130	mp-1224887
Fe8Ni4B4	-7.508537	mp-1105860
CuFe3	-7.245043	mp-1184311
CuFe3	-7.193113	mp-1184260
Cu6Fe2	-5.010651	mp-1184444
CuFe3	-7.306905	mp-1225131
Cu3Fe	-5.086397	mp-1224953
Cu4Fe	-4.828140	mp-1224977
CuFe	-6.112784	mp-1224945
Fe8Zn18	-3.314715	mp-1215884
FeZn13	-1.680822	mp-1215649
Fe8Zn18	-3.516993	mp-1207450
FeZn13	-1.805580	mp-1722
Fe6Zn20	-2.889077	mp-1215735
FeZn	-4.873542	mp-1215473
Fe2Ga	-6.662913	mp-1224880
Fe3Ga	-7.244858	mp-19870
Fe9Ga12	-5.398905	mp-540538
Fe2Ga	-6.565977	mp-1224826
Fe12Ga10	-5.944654	mp-570920
Fe3Ga	-7.207004	mp-672661
Fe4Ga12	-4.626824	mp-636368
Fe3Ga	-7.109994	mp-1224892
FeGa	-5.807757	mp-1224926
Fe4Ga	-7.375723	mp-1224889
Fe6Ga2	-7.229077	mp-1078766

Fe3Ge2	-6.728076	mp-1225239
Fe3Ge	-7.612195	mp-20711
Fe4Ge2	-7.221886	mp-20432
Fe2Ge	-6.928558	mp-568258
Fe14Ge8	-7.147231	mp-1212970
Fe3Ge2	-6.836172	mp-1225197
Fe4Ge4	-6.500419	mp-22510
Fe2Ge6	-5.064784	mp-1184472
Fe4Ge4	-6.558195	mp-21255
Fe2Ge4	-5.909975	mp-21117
Fe6Ge2	-7.603640	mp-21078
Fe13Ge3	-7.827318	mp-601833
Fe3Ge	-7.607847	mp-20344
Fe7Ge4	-7.133096	mp-1225358
Fe3Ge3	-6.570903	mp-22478
Fe8Ge16	-5.909529	mp-640708
Fe12Ge10	-6.747493	mp-636946
Fe23Y6	-8.097084	mp-30641
Fe4Y2	-7.864172	mp-1570
Fe5Y	-8.178648	mp-11385
Fe18Y6	-7.827819	mp-1192321
Fe29Y3	-8.285123	mp-13412
Fe17Y2	-8.265763	mp-1105569
Fe34Y4	-8.003287	mp-1196012
Fe20Y10	-7.862460	mp-1178773
Fe64Y32	-7.863121	mp-1178900
Fe62Y3B14	-7.994405	mp-28618
Fe2YB2	-7.789941	mp-12077
Fe2Y6B14	-7.373676	mp-14542
FeY2B	-6.362832	mp-631661
Fe56Y8B4	-8.237519	mp-5434
Fe4Y4B16	-7.544856	mp-1207634
Fe4Zr2	-8.635003	mp-1718
Fe23Zr6	-8.652664	mp-582924
Fe2Zr4	-8.656585	mp-1159
Fe8Zr16	-8.602043	mp-17682
Fe16Zr8	-8.744636	mp-1190681
Fe2Zr6	-8.636559	mp-31205

FeNb3	-9.484007	mp-999438
Fe3Nb	-8.843820	mp-1065741
Fe2Nb4	-8.733526	mp-1071283
FeNb3	-9.406018	mp-999440
Fe20Nb19	-9.373056	mp-1221162
Fe13Nb13	-9.393866	mp-1221111
Fe8Nb4	-9.121174	mp-568901
Fe4Nb2	-9.102437	mp-1077790
FeNb3	-9.662749	mp-999395
Fe3Nb	-8.848045	mp-999391
Fe16Nb8	-9.143125	mp-1192350
Fe3Nb	-8.927534	mp-999389
Fe2Nb4B4	-8.970577	mp-1086660
FeNbB	-8.540284	mp-7705
Fe3Nb3B3	-8.955998	mp-1080817
Fe20Nb3B6	-8.528727	mp-21666
Fe4Mo	-8.642276	mp-1225226
Fe25Mo4	-8.703669	mp-1193426
Fe6Mo2	-8.976687	mp-985475
FeMo2	-9.838419	mp-1224941
Fe7Mo6	-9.537701	mp-569594
Fe8Mo4	-9.221854	mp-1095682
Fe26Mo18	-9.428704	mp-1213182
Fe2Mo4B4	-8.151140	mp-20278
Fe2Mo4B4	-9.075023	mp-1078299
Fe2MoB4	-8.161090	mp-15722
FeRu	-8.743885	mp-1224803
Fe3Rh	-8.215798	mp-1184364
FeRh	-7.886129	mp-1224847
FeRh	-7.958501	mp-1918
Fe2Rh6	-7.525115	mp-1184368
Fe9Rh3B4	-8.027063	mp-1225075
Fe2Rh12B6	-7.452585	mp-1225537
FePd2	-6.026444	mp-1224793
FePd3	-6.110639	mp-21845
FePd3	-5.818521	mp-1224883
Fe2Pd	-6.927566	mp-1224694
Fe3Pd	-7.196675	mp-30635

Fe3Pd	-7.405997	mp-1224754
FePd	-6.888642	mp-2831
AgFe	-5.241885	mp-1224956
AgFe3	-6.718626	mp-1184230
Ag3Fe	-3.895150	mp-973533
Ag6Fe2	-3.893145	mp-1184294
Cd3Fe	-2.304217	mp-1183630
Fe3Sn3	-6.060266	mp-21260
Fe6Sn4	-6.687573	mp-27505
Fe2Sn4	-5.374478	mp-22752
Fe4Sn2	-6.784659	mp-510164
Fe6Sn2	-6.930652	mp-20883
Fe3Sn	-7.226886	mp-1225154
Fe3Sn	-7.270360	mp-22461
Fe2Sn2	-5.927515	mp-20512
Fe2Sn6	-4.545791	mp-1184775
Fe4Hf2	-9.175265	mp-333
Fe8Hf4	-9.223511	mp-956096
Fe16Hf8	-9.230326	mp-1191401
Fe8Hf16	-9.643947	mp-2754
Fe8Ta4	-9.778620	mp-568077
Fe13Ta13	-10.354661	mp-1218218
Fe4Ta8	-10.364954	mp-1102936
Fe2Ta4B4	-9.756540	mp-1095076
Fe3Ta3B3	-9.622803	mp-1080089
Fe6W2	-9.515404	mp-1184280
Fe7W6	-10.526691	mp-1473
Fe74W13	-8.953073	mp-1227244
Fe3W	-9.527192	mp-1184225
Fe8W4	-9.948509	mp-20868
Fe2W4B4	-9.877920	mp-613327
FeW2B2	-9.975833	mp-1068296
Fe22WB6	-8.443180	mp-1224794
FeRe	-10.361761	mp-973534
Fe6Re2	-9.467445	mp-865212
Fe2Re6	-11.436316	mp-1184298
Fe8Re12	-10.865998	mp-639789
FeI3	-8.780889	mp-10596

FeIr	-8.639424	mp-1224967
FeIr3	-8.819399	mp-1184336
Fe2Ir6	-8.749740	mp-1184374
Fe9Ir3B4	-8.304314	mp-1225266
Fe3Pt	-7.593295	mp-11798
Fe3Pt	-7.489978	mp-1224766
Fe2Pt	-7.467012	mp-1224692
FePt3	-6.581127	mp-649
FePt	-7.502573	mp-2260
Fe3Pt	-7.607820	mp-1649
AuFe3	-7.029071	mp-1184272
Au2Fe6	-7.017425	mp-1184413
AuFe	-5.621343	mp-1224962
Au3Fe	-4.419230	mp-973557
Fe2Hg6	-1.888992	mp-1184346
FeTi3	-3.296242	mp-978962
CoNi3	-6.101325	mp-1183751
CoNi	-6.338231	mp-1226063
Co2Ni6	-6.097082	mp-1183785
CoNi	-6.437827	mp-1226076
CoNi	-6.289417	mp-1006883
Co3Ni	-6.775266	mp-1008349
Co3Ni	-6.778542	mp-1226559
Co6Ni2	-6.802061	mp-1183837
Co3Cu	-6.068376	mp-1183752
CoZn3	-2.776713	mp-981215
Co7Zn53	-2.031710	mp-1215897
Co2Zn6	-2.773858	mp-1187993
Co4Zn22	-2.250530	mp-1192361
Co9Zn51	-2.222360	mp-1207538
Co3Zn	-5.598900	mp-1187951
CoZn3	-2.758463	mp-971948
Co2Zn	-5.018494	mp-1215431
CoZn	-4.147382	mp-1187978
Co3Zn	-5.594865	mp-971744
CoZn13	-1.734605	mp-30568
Co4Ga12	-4.314409	mp-20559
Co3Ga	-6.127310	mp-1184006

Co4Ga	-6.248943	mp-1224812
Co6Ga2	-6.100428	mp-1184009
CoGa	-5.350056	mp-1121
Co21Ga2B6	-6.938296	mp-1194289
Co4Ge4	-6.083095	mp-21237
Co4Ge	-6.322025	mp-1226010
Co4Ge4	-6.077328	mp-10692
Co4Ge8	-5.604599	mp-30045
Co5Ge7	-5.276055	mp-22732
Co3Ge2	-6.226811	mp-1226445
Co7Ge4	-6.311595	mp-1226096
Co4Ge	-5.617940	mp-1226058
Co4Ge2	-6.339669	mp-1667
Co21B6Ge2	-7.053585	mp-1193515
Co2Y2	-6.984404	mp-865373
Co14Y4	-7.028422	mp-1188333
Co2Y2	-6.980868	mp-8053
Co5Y	-6.973569	mp-2827
Co4Y2	-7.047883	mp-1294
Co4Y12	-6.771137	mp-1105598
Co8Y12	-6.888381	mp-616512
Co9Y12	-6.890427	mp-1216292
Co20Y32	-6.884853	mp-573425
Co34Y4	-6.937509	mp-570718
Co4Y12	-6.769581	mp-1189329
Co18Y6	-7.053842	mp-1192425
Co9Y3	-7.039849	mp-2588
Co2YB2	-7.369568	mp-3515
Co8Y2B2	-7.179583	mp-10463
Co4Y4B16	-7.296841	mp-1207600
Co3YB2	-7.342761	mp-5019
Co56Y8B4	-7.027874	mp-1200125
Co12YB6	-7.287264	mp-1188251
Co2Y8B26	-7.116707	mp-504861
Co2Zr4	-8.325201	mp-628
Co23Zr6	-7.630908	mp-30569
Co4Zr2	-7.899504	mp-929
Co6Zr2	-7.597435	mp-1188034

Co2Zr6	-8.066961	mp-1079065
Co2Zr6	-8.398567	mp-30619
CoZr	-8.119539	mp-2283
Co8Zr16	-8.266079	mp-1191437
Co21Zr2B6	-7.396073	mp-541854
Co9Zr3B6	-7.773496	mp-618324
Co3ZrB2	-7.761856	mp-10059
Co7Nb6	-7.860327	mp-622633
Co16Nb8	-8.254207	mp-1191009
Co7Nb6	-8.653246	mp-7250
Co18Nb6	-7.924502	mp-570557
Co6Nb2	-8.015894	mp-977426
Co18Nb6	-7.888253	mp-1220660
CoNb	-8.574032	mp-1009264
Co3Nb	-8.002361	mp-1018021
Co4Nb2	-8.250326	mp-670
Co8Nb6B14	-8.121627	mp-4212
Co4Nb4B8	-8.251408	mp-20877
Co10Nb6B4	-8.229080	mp-1209993
Co21Nb2B6	-7.489050	mp-1192832
CoMo	-8.721005	mp-1006884
Co7Mo6	-8.859521	mp-567747
Co13Mo13	-9.002710	mp-1226395
CoMo3	-9.710253	mp-1183707
CoMo	-8.772255	mp-1226002
Co4Mo6	-9.150757	mp-1182516
Co3Mo	-8.043123	mp-1008279
Co6Mo2	-8.087027	mp-1139
Co21Mo2B6	-7.489663	mp-542728
Co4Mo4B4	-8.649182	mp-21347
CoMo2B2	-8.920185	mp-1069105
Co2MoB4	-7.800222	mp-10055
CoTc	-8.642352	mp-1225992
Co2Tc6	-9.610023	mp-865733
Co4Ru	-7.276425	mp-1226024
CoRu	-8.040371	mp-1225997
Co6Ru2	-7.481458	mp-1183807
CoRh	-7.153510	mp-1226026

Co3Rh	-6.902287	mp-1226422
CoRh3	-7.199226	mp-1183704
Co2Rh12B6	-7.338656	mp-1226641
CoPd3	-5.617375	mp-1183687
CoPd	-6.047139	mp-1226001
Co2Pd6	-5.460353	mp-1183847
Co2Pd	-6.143344	mp-1226439
Co2In6	-3.774734	mp-1224185
Co4In8	-4.171249	mp-20296
Co4In12	-3.852379	mp-22236
Co22InB6	-6.974879	mp-1194097
Co20In3B6	-6.680230	mp-1193971
Co21In2B6	-6.856902	mp-1194164
Co4Sn2	-5.920036	mp-571365
Co4Sn12	-4.836340	mp-1183777
Co8Sn24	-4.839513	mp-985707
Co6Sn2	-6.239639	mp-1183774
Co3Sn3	-5.667374	mp-20536
Co2Sn4	-5.102655	mp-20155
Co21Sn2B6	-6.969003	mp-542739
Co2Hf2	-8.928893	mp-1064981
CoHf3	-9.113225	mp-1184654
Co14Hf4	-7.936528	mp-1205422
Co8Hf16	-9.298023	mp-1190841
Co4Hf2	-8.426622	mp-2337
Co23Hf6	-7.946169	mp-1192795
Co6Hf2	-8.015650	mp-1184721
CoHf	-8.929545	mp-2027
CoHf3	-9.124598	mp-1184729
Co7Hf2	-7.996444	mp-1079776
Co9Hf3B6	-8.038386	mp-1106407
Co21Hf2B6	-7.513142	mp-1194066
Co3HfB2	-8.020692	mp-7804
Co6Ta2	-8.529019	mp-1095124
Co8Ta4	-8.904632	mp-570430
Co4Ta2	-8.905433	mp-1799
Co16Ta8	-8.910839	mp-570463
Co13Ta13	-9.730704	mp-1218179

Co9Ta3	-8.442594	mp-1218093
Co2Ta4	-10.522904	mp-574
Co9Ta3	-8.534389	mp-7851
Co18Ta6	-8.387222	mp-1218185
CoTa	-9.558471	mp-1009826
Co3Ta	-8.524025	mp-11358
Co4Ta8	-10.054778	mp-1102370
Co10Ta10B10	-9.165849	mp-1193187
Co104Ta11B30	-7.668624	mp-1217955
Co10Ta6B4	-8.834866	mp-1189575
Co21Ta2B6	-7.628191	mp-1193985
CoW3	-11.238754	mp-1183680
Co3W	-8.618493	mp-1008274
CoW	-9.735640	mp-1007819
Co6W2	-8.647622	mp-2157
CoW2B2	-9.735124	mp-7573
Co2W6B6	-9.874853	mp-27768
Co4W4B4	-9.348200	mp-22759
Co21W2B6	-7.643699	mp-672221
Co2Re6	-11.177795	mp-865960
CoRe	-9.699561	mp-1225995
Co4Re10B8	-9.599164	mp-1226558
Co3ReB4	-7.864009	mp-1226435
Co6Re8B8	-9.133786	mp-1213771
Co3Re25B12	-10.549523	mp-1226569
Co21Re2B6	-7.578712	mp-541852
Co4Re4B4	-9.018695	mp-21464
Co4Os	-7.668987	mp-1226016
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Co3Os	-8.015151	mp-1183718
CoIr	-7.884876	mp-1226027
Co3Ir	-7.495426	mp-1226447
CoIr	-7.879161	mp-1226007
Co3Ir	-7.434543	mp-1183698
CoPt	-6.675433	mp-949
CoPt3	-6.359227	mp-1226089
Co3Pt	-6.823098	mp-1226436
CoPt3	-6.384231	mp-922

Co6Pt2	-6.673275	mp-865193
Co3Pt	-6.803633	mp-1226450
Co4Pt8	-5.814482	mp-1245822
CoPt	-6.616719	mp-1225998
Au4Co	-3.889184	mp-1226077
Au3Co	-3.916061	mp-1206590
CoHg3	-1.530663	mp-985285
CoPb3	-3.986707	mp-1183900
CuNi	-4.920796	mp-1225687
CuNi3	-5.327969	mp-1184054
CuNi3	-5.267746	mp-1225694
CuNi	-4.910395	mp-1184069
Cu3Ni	-4.468930	mp-1225698
CuNi	-4.874624	mp-1225695
Ni4Zn22	-2.117516	mp-11532
Ni3Zn22	-1.931195	mp-1207504
NiZn3	-2.558696	mp-971941
Ni32Zn106	-2.501154	mp-581951
Ni3Zn	-4.764630	mp-971804
Ni3Zn	-4.754999	mp-971758
NiZn	-3.763474	mp-1486
NiZn	-3.774674	mp-429
Ni4Zn	-4.904995	mp-1215582
Ni2Zn6	-2.553924	mp-1187948
NiZn	-2.692143	mp-567903
Ni21Zn2B20	-6.249689	mp-1197569
Ni20Zn3B6	-5.780566	mp-10131
GaNi	-4.767943	mp-1941
Ga2Ni4	-5.189708	mp-570904
GaNi3	-5.381333	mp-815
Ga21Ni5	-3.572044	mp-1225030
GaNi2	-4.965972	mp-1224858
Ga32Ni24	-4.603116	mp-30655
Ga3Ni5	-5.123779	mp-11398
GaNi3	-5.369241	mp-1184034
Ga10Ni2	-3.658180	mp-1095578
Ga3Ni2	-4.537173	mp-11397
Ga2Ni6	-5.375724	mp-1184058

Ga9Ni13	-5.043715	mp-21589
Ga14Ni6	-4.172764	mp-16852
Ga2Ni21B6	-6.080208	mp-1193255
Ga2Ni18B16	-6.279992	mp-1194536
Ga3Ni20B6	-6.012055	mp-977324
Ga6Ni72B48	-6.280878	mp-1213377
Ga6Ni54B28	-6.198633	mp-1204832
Ni19Ge12	-5.642510	mp-30082
Ni30Ge12	-5.728774	mp-1200317
Ni4Ge2	-5.669196	mp-1594
NiGe3	-4.651516	mp-976774
Ni4Ge8	-5.172683	mp-29900
NiGe3	-4.640323	mp-1186341
Ni4Ge4	-5.506555	mp-1099
Ni10Ge6	-5.657232	mp-1428
Ni4Ge	-5.467087	mp-1220076
Ni7Ge4	-5.624717	mp-1219818
Ni3Ge	-5.780308	mp-21008
Ni8Ge4	-5.697585	mp-17383
Ni6BGe2	-5.932437	mp-1078540
Ni43B12Ge3	-6.161306	mp-1220773
Ni16B6Ge4	-6.129090	mp-22703
Ni21B6Ge2	-6.168196	mp-1209988
Ni5Y	-6.213235	mp-2152
Ni32Y48	-6.547900	mp-582134
Ni14Y4	-6.313054	mp-574339
Ni4Y4	-6.555106	mp-1364
Ni2Y8	-6.078521	mp-1207883
Ni4Y2	-6.426281	mp-1019
Ni34Y4	-6.046537	mp-1196175
Ni28Y8	-6.300847	mp-1201276
Ni32Y15	-6.421164	mp-1200338
Ni9Y3	-6.346760	mp-569196
Ni4Y12	-6.534223	mp-1105633
Ni2Y8B26	-7.041191	mp-1201729
Ni60Y8B36	-6.552706	mp-1204725
Ni4Y2B4	-6.834657	mp-1079994
Ni13Y3B2	-6.410488	mp-567863

Ni ₂₄ Y ₂ B ₁₂	-6.494685	mp-1202784
Ni ₈ Y ₂ B ₂	-6.527129	mp-7559
Ni ₄ Y ₄ B ₁₆	-7.065887	mp-1190178
Ni ₁₉ Y ₃ B ₁₀	-6.550411	mp-1199550
Ni ₁₄ Zr ₄	-6.818653	mp-1188069
Ni ₇ Zr ₂	-6.821148	mp-2717
Ni ₅ Zr	-6.558803	mp-2439
Ni ₂ Zr ₆	-7.830216	mp-1188073
Ni ₂₃ Zr ₆	-6.707082	mp-1194271
Ni ₆ Zr ₂	-6.930210	mp-485
Ni ₂ Zr ₂	-7.618746	mp-556
Ni ₁₁ Zr ₉	-7.404354	mp-30814
Ni ₂₀ Zr ₁₄	-7.368264	mp-636525
Ni ₂ Zr ₄	-7.946762	mp-328
Ni ₄₀ Zr ₂₈	-7.362869	mp-680655
Ni ₂₁ Zr ₈	-6.977789	mp-30260
Ni ₄ Zr ₂	-7.114643	mp-2250
Ni ₆₁ Zr ₈ B ₁₈	-6.627452	mp-1216773
Ni ₂₀ Zr ₃ B ₆	-6.702298	mp-1193952
Ni ₂₁ Zr ₂ B ₆	-6.528820	mp-5172
NbNi ₃	-6.990784	mp-999188
Nb ₁₃ Ni ₁₃	-8.143997	mp-1220799
NbNi ₃	-6.981286	mp-999378
Nb ₈ Ni ₁₆	-7.404806	mp-1191285
Nb ₆ Ni ₇	-7.985308	mp-1105044
Nb ₂ Ni ₆	-7.153048	mp-1451
Nb ₂₀ Ni ₄	-9.242107	mp-669699
Nb ₃ Ni	-8.919542	mp-999394
Nb ₃ Ni	-8.912765	mp-999437
Nb ₂ Ni ₄	-7.400533	mp-1077429
NbNi ₃	-7.144638	mp-11513
Nb ₃ Ni	-8.988230	mp-999396
Nb ₂ Ni ₂₁ B ₆	-6.581881	mp-1210179
Nb ₅ Ni ₄₁ B ₁₂	-6.671141	mp-1220806
Nb ₂ Ni ₂ B ₂	-8.080295	mp-9985
Nb ₃ Ni ₂₀ B ₆	-6.763591	mp-1210153
MoNi ₄	-6.876098	mp-11507
Mo ₂ Ni ₆	-7.139551	mp-11506

MoNi2	-7.545183	mp-784630
Mo2NiB2	-8.644440	mp-9999
NiTc	-7.997002	mp-1217408
Ni2Tc6	-9.319916	mp-867357
NiRu	-7.371515	mp-1219922
Ni4Ru	-6.374370	mp-1220081
NiRh	-6.501886	mp-1220054
Ni6Rh2	-6.139205	mp-1186347
NiPd	-5.421513	mp-1220057
Ni2Pd6	-5.239696	mp-973983
Ag3Ni	-3.379810	mp-976772
Ag3Ni	-3.384484	mp-976762
AgNi3	-4.810030	mp-1100764
Cd12Ni12	-2.967951	mp-11310
Cd12Ni12	-3.363403	mp-985556
Cd3Ni	-2.051444	mp-1183624
Cd40Ni8	-1.686073	mp-1229280
In2Ni4	-4.783984	mp-21092
In3Ni	-3.270439	mp-1184852
In3Ni2	-4.113748	mp-21385
InNi	-4.347951	mp-20997
In3Ni3	-4.440626	mp-19876
In2Ni6	-5.086628	mp-22469
InNi3	-5.064353	mp-22784
In9Ni13	-4.650302	mp-641509
In3Ni	-3.292488	mp-1184929
In12Ni28	-4.954310	mp-1213091
In14Ni6	-3.790524	mp-1212307
InNi22B6	-6.088895	mp-1224500
InNi22B6	-6.032723	mp-1224119
In2Ni21B6	-6.019955	mp-21551
Ni6Sn2	-5.522700	mp-20112
Ni3Sn	-5.522226	mp-11522
Ni16Sn16	-5.127109	mp-680646
Ni12Sn8	-5.332730	mp-669720
Ni3Sn4	-4.991165	mp-20174
Ni3Sn	-5.473249	mp-11523
Ni32Sn24	-5.279815	mp-1221030

Ni6Sn2	-5.513819	mp-1080147
Ni21Sn2B6	-6.125174	mp-21573
Ni20Sn3B6	-6.052885	mp-29724
Hf3Ni9	-7.360490	mp-7285
Hf2Ni7	-7.171118	mp-1205858
Hf6Ni14	-7.535188	mp-27166
Hf6Ni2	-8.873917	mp-1184747
Hf8Ni21	-7.427524	mp-27165
Hf4Ni2	-8.904397	mp-861
Hf14Ni20	-8.016269	mp-1198091
Hf3Ni	-8.876848	mp-1184570
HfNi5	-6.819688	mp-569516
Hf10Ni30	-7.362340	mp-12174
Hf2Ni2	-8.385740	mp-1018056
Hf2Ni4	-7.656190	mp-30708
Hf3Ni20B6	-6.851667	mp-1193581
Hf2Ni21B6	-6.708985	mp-1194313
Ni4Ta20	-10.736810	mp-1191664
Ni12Ta4	-7.657989	mp-569776
Ni4Ta8	-9.717845	mp-1101992
Ni13Ta13	-9.076895	mp-1217954
Ni2Ta	-8.139155	mp-1157
Ni6Ta2	-7.657149	mp-891
Ni3Ta	-7.660323	mp-570491
Ni2Ta4	-10.066998	mp-1867
Ni20Ta3B6	-6.969814	mp-1194177
Ni21Ta2B6	-6.714789	mp-1192512
Ni4Ta4B8	-8.383734	mp-22709
Ni2Ta2B2	-8.722442	mp-1076987
Ni4W	-7.323462	mp-30811
Ni2W6B6	-9.664733	mp-1104181
NiW2B2	-9.446369	mp-1070761
Ni2Re6	-10.887878	mp-862604
Ir3Ni	-8.080318	mp-1186350
IrNi	-7.296747	mp-1220071
NiPt3	-6.052197	mp-1186117
Ni3Pt	-5.921352	mp-12798
NiPt	-6.012418	mp-945

NiPt	-5.955236	mp-1220052
Ni3Pt	-5.921802	mp-1100766
Au6Ni2	-3.811514	mp-976806
AuNi3	-5.056106	mp-976818
Au3Ni	-3.811525	mp-976784
Au2Ni6	-5.019693	mp-976838
HgNi	-2.822429	mp-1057320
HgNi3	-4.189772	mp-973884
Hg4Ni	-1.372290	mp-570835
HgNi	-2.823068	mp-1008
Hg2Ni6	-4.213563	mp-976935
Ni2Ti2	-3.843325	mp-11524
Ni3Pb	-5.124595	mp-976830
Ni2Pb2	-4.658985	mp-569446
CuZn	-2.731919	mp-1215462
Cu3Zn	-3.410764	mp-1215518
Cu2Zn	-3.185607	mp-1215401
CuZn	-2.769850	mp-987
Cu3Zn	-3.409728	mp-1215529
Cu17Zn35	-2.289258	mp-1216020
Cu10Zn16	-2.450893	mp-1368
CuZn3	-1.968551	mp-1215483
Cu2Zn6	-2.050213	mp-972042
Cu3Ga	-3.926056	mp-1183995
CuGa2	-3.460669	mp-11359
Cu4Ga2	-3.720008	mp-1077001
Cu6Ga2	-3.921682	mp-865798
CuGa3	-3.236722	mp-984518
Cu4Ga	-3.859190	mp-1224832
Cu36Ga16	-3.877688	mp-1197621
Cu3Ga	-3.922442	mp-1184001
Cu6Ge2	-4.208861	mp-19724
Cu3Ge	-4.094768	mp-1225745
Cu2Ge6	-4.163899	mp-1184147
Cu6Ge2	-4.232756	mp-1184021
Cu2Ge6	-4.186349	mp-1025440
CuGe3	-4.169115	mp-1184183
Cu5Ge2	-4.180121	mp-1225769

Cu5Ge2	-4.183066	mp-1225722
CuY	-5.527766	mp-712
Cu4Y4	-5.541368	mp-1080443
Cu5Y	-4.683859	mp-2797
Cu4Y2	-5.149354	mp-2698
Cu4Y2	-5.043249	mp-1077241
Cu4Zr4	-6.450873	mp-1080022
Cu51Zr14	-5.220478	mp-1216441
CuZr3	-7.402646	mp-580287
Cu8Zr16	-7.129679	mp-583800
CuZr	-6.426954	mp-2210
Cu6Zr2	-5.287540	mp-1188040
Cu2Zr4	-7.139906	mp-1077372
Cu5Zr	-4.957075	mp-30603
Cu2Zr2	-6.448502	mp-1067210
CuZr2	-7.197253	mp-193
Cu4Zr2	-5.699664	mp-1072655
Cu20Zr14	-6.089254	mp-1188077
CuZrB	-6.674985	mp-1100435
CuNb3	-8.429684	mp-1186214
CuRu3	-7.705729	mp-1184121
Cu6Ru2	-5.120252	mp-1184026
Cu3Rh	-4.874696	mp-1184028
CuRh	-5.658442	mp-1225704
Cu6Rh2	-4.869558	mp-1184027
Cu6Pd4	-4.636181	mp-1225751
Cu21Pd7	-4.473850	mp-672265
Cu21Pd7	-4.471286	mp-680639
CuPd3	-4.975779	mp-1184119
Cu3Pd	-4.473959	mp-580357
CuPd	-4.731684	mp-1225701
CuPd	-4.762300	mp-1018029
Cu16Pd4	-4.384232	mp-30594
CuPd	-4.675106	mp-1225656
Ag6Cu2	-3.063511	mp-984351
AgCu3	-3.692080	mp-1184011
CdCu3	-3.225043	mp-1183623
Cd4Cu8	-3.023013	mp-16775

Cd20Cu8	-1.808831	mp-30696
Cd8Cu16	-3.032900	mp-568315
Cu11In9	-3.482753	mp-1188928
Cu6In2	-3.743044	mp-1184858
Cu28In12	-3.701482	mp-21985
Cu4In2	-3.551185	mp-12118
Cu2In6	-2.911873	mp-974023
Cu2In4	-3.064726	mp-1072518
Cu2In2	-3.364828	mp-1018053
Cu2In4	-3.016196	mp-1018730
CuIn3	-2.898242	mp-1184480
Cu36In16	-3.667716	mp-683917
Cu20In14	-3.543187	mp-646039
Cu20Sn16	-4.069002	mp-845
Cu81Sn22	-4.063820	mp-1227576
Cu6Sn2	-4.076474	mp-13138
Cu6Sn2	-4.070261	mp-581786
Cu20Sn6	-3.885592	mp-569339
Cu19Sn16	-4.063131	mp-1225980
Cu20Sn6	-4.063257	mp-30597
Cu3Sn	-4.014835	mp-838
Cu12Sn10	-4.071582	mp-1233
Cu2Sn6	-3.806001	mp-1184173
CuSn3	-3.797876	mp-1184132
Cu82Sn22	-4.062666	mp-1213530
Cu2Sn2	-4.077701	mp-10598
Cu20Sn6	-4.067333	mp-568495
Cu15Sn12	-4.065076	mp-568524
Cu30Sn10	-4.061597	mp-1195862
Cu32Hf12	-5.863369	mp-7353
CuHf2	-8.162313	mp-30581
Cu51Hf14	-5.516688	mp-1224756
Cu3Hf	-5.651967	mp-865176
Cu3Hf	-5.653469	mp-1184704
Cu20Hf14	-6.689668	mp-1200988
CuTa3	-9.753192	mp-1187227
Cu3W	-5.873180	mp-1183970
Cu2Ir4B3	-7.261121	mp-1225826

Cu4Ir4B4	-6.726971	mp-28896
CuPt3	-3.165519	mp-1213433
CuPt	-5.241630	mp-644311
Cu3Pt	-4.730923	mp-12086
CuPt7	-5.868321	mp-12608
Cu3Pt9B5	-6.112372	mp-1105186
AuCu	-3.734544	mp-522
Au4Cu	-3.425604	mp-1225742
Au10Cu10	-3.724423	mp-582681
AuCu3	-3.929099	mp-2258
AuCu4	-3.869339	mp-1225761
Au3Cu	-3.497660	mp-2103
AuCu	-3.662503	mp-1225677
Au3Cu	-3.492511	mp-1184018
Au6Cu2	-3.488374	mp-1184004
Cu14Hg12	-1.999820	mp-628808
CuTi3	-2.506815	mp-1187546
CuTi3	-2.510390	mp-1187519
CuPb3	-3.542213	mp-1184185
CuPb3	-3.554600	mp-1184128
Ga3Zn	-2.549984	mp-971720
ZnGe3	-3.499912	mp-971753
Zn3Ge	-1.982961	mp-971928
Zn2Ge6	-3.484132	mp-1188050
Y6Zn23	-2.662370	mp-1192854
YZn5	-2.423209	mp-30885
Y2Zn17	-2.057109	mp-17639
Y4Zn8	-3.338291	mp-1095495
Y6Zn30	-2.412524	mp-1202791
YZn12	-1.846090	mp-30886
Y4Zn12	-2.933072	mp-30884
Y3Zn11	-2.721820	mp-1103536
YZn	-3.951262	mp-179
YZn	-4.228973	mp-2516
Y2Zn4	-3.346344	mp-1072382
ZnZr	-5.188167	mp-570276
Zn4Zr2	-3.980039	mp-1401
ZnZr2	-6.295972	mp-1018105

Zn44Zr2	-1.646626	mp-30888
ZnZr	-4.760564	mp-614444
Zn2Zr8	-6.472899	mp-1207459
ZnZr3	-6.849978	mp-972088
Zn32Zr2	-1.781676	mp-1016109
Zn8Zr12	-5.822391	mp-1207421
Zn6Zr2	-3.371494	mp-864889
NbZn3	-3.633953	mp-953
Nb2Zn32	-1.826114	mp-640041
Nb8Zn16	-4.368700	mp-30798
MoZn7	-2.482941	mp-644500
Mo3Zn	-8.274505	mp-977997
MoZn6	-2.672476	mp-972048
TcZn7	-2.463365	mp-1206378
Ru36Zn216	-2.548587	mp-1205290
Ru2Zn6	-3.414928	mp-1380
Rh3Zn	-6.007553	mp-971779
Rh4Zn22	-2.448179	mp-13448
RhZn13	-1.825830	mp-13447
RhZn	-4.696373	mp-6938
RhZn3	-3.118135	mp-865342
Rh2Zn6	-3.106373	mp-980200
Rh17Zn15B6	-5.274985	mp-1215838
Rh14Zn10B6	-5.625685	mp-510697
Rh36Zn22B16	-5.827055	mp-1207530
Rh8Zn5B4	-5.829588	mp-569759
Pd3Zn5	-3.154819	mp-1215488
Pd4Zn2	-4.287825	mp-1215509
Pd16Zn122	-1.896498	mp-1208176
Pd4Zn	-4.626360	mp-1215579
Pd8Zn16	-3.003979	mp-1215714
Pd6Zn2	-4.518743	mp-971909
Pd3Zn	-4.517648	mp-1187913
PdZn	-3.793404	mp-1652
Pd8Zn4	-4.335362	mp-1103252
Pd6Zn20	-2.500048	mp-1215779
Pd3Zn	-4.535294	mp-865425
PdZn3	-2.604540	mp-865357

Ag ₄ Zn ₈	-1.827645	mp-1093999
AgZn	-2.054871	mp-1215437
Ag ₉ Zn ₉	-2.089838	mp-1215724
AgZn	-2.095621	mp-1912
Ag ₃ Zn	-2.460416	mp-1187946
Ag ₃ Zn	-2.467686	mp-864794
Ag ₂ Zn ₆	-1.694136	mp-1187969
AgZn ₃	-1.681019	mp-1215497
Ag ₆ Zn ₂	-2.463100	mp-1187952
AgZn	-2.084558	mp-1187974
Ag ₁₀ Zn ₁₆	-1.920654	mp-30361
CdZn ₃	-1.103748	mp-981200
In ₃ Zn	-2.256271	mp-1187954
In ₂ Zn ₆	-1.521549	mp-972175
In ₆ Zn ₂	-2.275345	mp-981211
In ₃ Zn	-2.280369	mp-971832
InZn ₃	-1.526420	mp-971934
In ₂ Zn ₆	-1.566263	mp-1188074
Sn ₃ Zn	-3.184995	mp-1187976
Sn ₃ Zn	-3.177418	mp-980905
SnZn ₃	-1.822968	mp-971950
Sn ₆ Zn ₂	-3.209346	mp-971919
Sn ₂ Zn ₆	-1.848385	mp-1188070
Hf ₂ Zn ₄	-4.373308	mp-514
Hf ₂ Zn ₄₄	-1.687530	mp-1201271
Hf ₂ Zn	-7.235730	mp-1014231
HfZn	-5.807669	mp-1014219
Hf ₂ Zn ₃₂	-1.843870	mp-1016106
Hf ₂ Zn ₆	-3.638254	mp-866108
TaZn ₃	-3.975073	mp-1187257
Ta ₈ Zn ₁₆	-4.881703	mp-862679
Ta ₆ Zn ₇	-6.236323	mp-1105040
ReZn	-6.627679	mp-1187983
OsZn ₃	-3.643040	mp-971960
Os ₆ Zn ₂	-8.335352	mp-1187960
OsZn	-6.016491	mp-1187910
IrZn	-5.243091	mp-1206819
Ir ₄ Zn ₂₂	-2.623986	mp-30747

IrZn3	-3.384687	mp-865362
Ir14Zn10B6	-6.161699	mp-1238725
Ir11Zn6B5	-6.553946	mp-1215752
Ir11Zn6B6	-6.569989	mp-1178665
Ir14Zn10B6	-5.977644	mp-607369
Ir12Zn12B6	-5.674187	mp-28787
Ir8Zn2B6	-7.355162	mp-579677
Ir2ZnB2	-6.774441	mp-28786
Pt3Zn	-5.180806	mp-30856
PtZn3	-2.862140	mp-865355
Pt29Zn49	-3.541290	mp-569514
PtZn	-4.230722	mp-894
Pt14Zn24	-3.519849	mp-30857
Au8Zn24	-1.936464	mp-30424
Au12Zn4	-2.918095	mp-1755
Au40Zn24	-2.694807	mp-1207512
AuZn	-2.482530	mp-1684
Au24Zn8	-2.908204	mp-669566
Au2Zn6	-1.916688	mp-1188000
Au4Zn	-2.930836	mp-1215575
Hg3Zn	-0.414601	mp-971803
Hg2Zn6	-0.918545	mp-972095
Hg3Zn	-0.420940	mp-971757
Hg3Zn	-0.427271	mp-971767
Tl3Zn	-1.951540	mp-1187551
Tl3Zn	-1.950965	mp-1187498
TlZn3	-1.321932	mp-1187566
Tl3Zn	-1.956012	mp-981380
Pb3Zn	-2.988730	mp-1187949
Pb3Zn	-2.978648	mp-971775
Pb6Zn2	-2.987328	mp-971901
Ga2Ge6	-3.969679	mp-1184140
GaGe3	-3.970490	mp-1183975
Ga3Ge	-3.329234	mp-973875
GaGe3	-3.950133	mp-1183985
Ga6Ge2	-3.331038	mp-1184355
GaGe	-3.662887	mp-1224769
Ga16Y24	-5.664879	mp-1204352

Ga6Y10	-5.682818	mp-510521
Ga3Y	-4.425435	mp-979423
GaY3	-5.844898	mp-1187766
Ga2Y	-4.837988	mp-1914
Ga12Y20	-5.701256	mp-672256
Ga2Y2	-5.415247	mp-11420
Ga6Y2	-4.425013	mp-865598
Ga12Y2	-3.829793	mp-30681
Ga4Zr2	-5.434936	mp-30683
Ga3Zr	-4.889159	mp-30685
Ga4Zr6	-6.883643	mp-30684
Ga2Zr4	-7.172677	mp-569833
GaZr3	-7.495040	mp-1188008
Ga6Zr10	-6.983274	mp-1106169
Ga6Zr2	-4.897004	mp-1080001
Ga4Zr4	-6.414309	mp-30682
Ga6Zr4	-5.850735	mp-30686
Ga8Zr10	-6.646301	mp-1188336
Ga10Zr6	-5.700131	mp-1207393
Ga4Nb6	-7.635002	mp-11393
Ga2Nb6	-8.504984	mp-2670
Ga3Nb	-5.104864	mp-1973
Ga6Nb10	-7.535654	mp-30704
Ga8Nb10	-7.305656	mp-18032
Ga13Nb5	-5.235188	mp-1072
Ga6Nb10	-7.780939	mp-570293
Ga6Nb10	-7.693371	mp-1105552
Ga80Nb64	-6.507458	mp-1195396
Ga2Mo6	-9.056653	mp-2377
Ga62Mo12	-4.431720	mp-1203833
Ga41Mo8	-4.437761	mp-1195805
Ga3Tc	-4.918547	mp-1183998
GaTc	-6.787478	mp-867841
Ga12Ru4	-4.976758	mp-672204
Ga4Ru2	-5.523566	mp-1072429
GaRu	-6.452009	mp-22320
GaRh	-5.876020	mp-2444
Ga18Rh4	-4.158648	mp-1190908

GaRh3	-6.600471	mp-1184265
Ga12Rh4	-4.533717	mp-1188977
Ga10Rh6	-5.252016	mp-30923
Ga6Rh2	-4.332430	mp-1184314
Ga68Rh40	-5.232593	mp-30665
Ga18Rh4	-4.161626	mp-31312
Ga32Rh6	-4.005057	mp-1200062
Ga42Rh8	-4.021797	mp-1200191
Ga4Pd8	-5.108030	mp-1869
Ga8Pd20	-5.130597	mp-405
GaPd3	-5.096141	mp-1184209
Ga2Pd6	-5.096492	mp-1184278
GaPd	-4.644324	mp-1224802
GaPd3	-5.084594	mp-1184254
Ga14Pd6	-4.105662	mp-1106289
Ga3Pd7	-5.122027	mp-31467
GaPd	-4.680704	mp-1212609
Ga5Pd13	-5.131536	mp-31485
Ga6Pd10	-5.009586	mp-2408
Ga10Pd2	-3.634588	mp-30660
Ga4Pd4	-4.766613	mp-1078526
AgGa	-2.878602	mp-11478
AgGa3	-2.917845	mp-1184226
Ag3Ga	-2.897153	mp-1224795
Ag13Ga5	-2.913775	mp-1224870
Ag2Ga6	-2.916324	mp-1184301
Ag3Ga	-2.888939	mp-1183967
Ag6Ga2	-2.889857	mp-1184036
AgGa3	-2.950550	mp-1184257
Ag6Ga3	-2.946823	mp-578
Cd6Ga2	-1.397030	mp-1183662
Cd3Ga	-1.395537	mp-1183646
GaIn3	-2.764281	mp-1184904
GaIn3	-2.774479	mp-974309
Ga6In2	-2.893330	mp-1184811
Ga3In	-2.905573	mp-1184785
Ga3Sn	-3.217927	mp-1183978
Ga3Sn	-3.231416	mp-1184031

GaSn3	-3.704232	mp-1184266
Ga2Sn6	-3.700578	mp-1184285
Ga3Sn	-3.228779	mp-1183986
GaSn3	-3.673811	mp-1184236
Ga8Hf4	-5.791293	mp-11440
Ga2Hf4	-8.045602	mp-30572
Ga6Hf4	-6.294983	mp-11441
GaHf3	-8.451007	mp-1184650
Ga6Hf10	-7.800331	mp-22337
Ga3Hf	-5.145436	mp-11387
Ga20Hf22	-7.150303	mp-30703
Ga12Hf12	-6.999345	mp-510188
Ga6Ta10	-8.712418	mp-30668
Ga6Ta10	-8.801137	mp-568376
Ga3Ta	-5.404584	mp-11416
Ga4Ta6	-8.603730	mp-16756
Ga10Ta12	-8.049964	mp-1190774
Ga6Ta10B2	-8.760444	mp-1208348
Ga10W4	-5.807056	mp-1103522
GaRe	-7.621350	mp-1224777
Ga12Re4	-5.476750	mp-1188393
Ga4Os2	-5.925612	mp-570875
Ga12Os4	-5.346102	mp-570844
Ga12Ir4	-4.834324	mp-1189634
GaIr	-6.332183	mp-11388
Ga20Ir12	-5.689467	mp-1212680
Ga12Ir6	-5.415744	mp-31253
Ga18Ir4	-4.395452	mp-31311
Ga18Ir4	-4.393748	mp-1191262
Ga32Ir16B4	-5.538300	mp-28924
Ga2Pt6	-5.754536	mp-862621
Ga32Pt16	-4.614301	mp-571406
Ga8Pt16	-5.589793	mp-2223
Ga40Pt8	-3.840971	mp-1199016
Ga3Pt	-3.953845	mp-1184218
Ga3Pt	-3.941594	mp-1184210
Ga6Pt2	-3.937644	mp-1184308
Ga4Pt12	-5.749759	mp-623066

Ga4Pt4	-5.179584	mp-1025551
GaPt3	-5.741281	mp-11407
Ga14Pt6	-4.469150	mp-1188512
Ga3Pt2	-4.842134	mp-21400
Ga2Pt6	-5.740439	mp-1078666
Ga3Pt5	-5.484786	mp-30663
Ga2Pt	-4.623486	mp-22095
Ga6Pt18B8	-6.044529	mp-28869
Au4Ga4	-3.378823	mp-30379
Au4Ga8	-3.212134	mp-1103431
AuGa3	-3.108380	mp-983412
AuGa3	-3.129758	mp-1184296
Au21Ga6	-3.312882	mp-571598
AuGa2	-3.348137	mp-2776
Au2Ga6	-3.112082	mp-1184316
Au4Ga8	-3.250046	mp-1102090
Au8Ga4	-3.325608	mp-30380
Ga6Hg2	-2.259917	mp-1184289
GaHg3	-0.918199	mp-1184013
GaHg3	-0.915560	mp-1183987
Ga2Hg6	-0.919700	mp-1184024
Ga3Hg	-2.264849	mp-1184268
GaTi3	-2.431755	mp-1187539
GaPb3	-3.503976	mp-1184014
Ga2Pb6	-3.462688	mp-1184450
Ga3Pb	-3.108142	mp-1184425
Ga3Pb	-3.105588	mp-1184361
Ga3Pb	-3.106283	mp-1184344
Y22Ge20	-6.412062	mp-1207826
Y20Ge16	-6.526577	mp-13360
Y2Ge3	-5.858026	mp-1216102
Y3Ge	-6.296224	mp-1187786
Y10Ge6	-6.608377	mp-17751
Y2Ge4	-5.769987	mp-10213
Y6Ge10	-6.035490	mp-17118
Y2Ge6	-5.544260	mp-29772
Y6Ge8	-6.218060	mp-17381
Y2Ge2	-6.387144	mp-9971

Y6Ge2	-6.303965	mp-1187802
Zr20Ge16	-7.648081	mp-1200749
Zr2Ge4	-6.459028	mp-2430
Zr24Ge8	-8.113462	mp-1203324
Zr6Ge2	-7.928376	mp-1188039
Zr10Ge6	-7.877628	mp-17706
Zr4Ge4	-7.390462	mp-1025513
Nb30Ge21	-7.654285	mp-29735
Nb12Ge4	-8.888152	mp-1189187
Nb6Ge2	-8.998055	mp-1373
Nb24Ge8	-9.049796	mp-1198302
Nb20Ge16	-8.018262	mp-21681
Nb30Ge21	-8.302058	mp-1204207
Nb3Ge6	-6.792479	mp-363
Nb10Ge6	-8.245077	mp-569891
Nb10Ge6	-8.464582	mp-17910
Nb12Ge4	-8.831090	mp-1220710
Nb3Ge	-8.917174	mp-571322
Nb10Ge6	-8.521235	mp-16842
Nb10B2Ge6	-8.458929	mp-1105818
Mo6Ge2	-9.439819	mp-494
MoGe2	-6.842718	mp-10201
Mo4Ge8	-6.863440	mp-13688
Mo10Ge6	-8.625952	mp-17094
Mo52Ge92	-6.997951	mp-569901
MoGe3	-5.752386	mp-1184671
TcGe3	-5.649727	mp-972077
Tc3Ge	-8.864081	mp-1187385
Tc6Ge2	-8.862423	mp-1187415
Ru4Ge4	-7.231490	mp-1025397
Ru8Ge12	-6.833647	mp-706531
Ru16Ge24	-6.836330	mp-21945
Rh34Ge44	-6.296300	mp-1203373
Rh6Ge2	-6.903514	mp-1184788
Rh10Ge6	-6.804587	mp-624221
Rh4Ge4	-6.496779	mp-20866
Rh4Ge4	-6.538790	mp-22239
Rh8Ge4	-6.908608	mp-22585

RhGe3	-5.217999	mp-973883
Rh3Ge12	-5.361722	mp-1104286
PdGe3	-4.695950	mp-1184682
Pd6Ge3	-5.533064	mp-423
Pd25Ge9	-5.485542	mp-15843
Pd42Ge16	-5.475648	mp-582201
Pd4Ge4	-5.362621	mp-1424
Ag3Ge	-3.196392	mp-1229108
AgGe3	-3.890126	mp-1183245
Ag3Ge	-3.179976	mp-985283
Ag3Ge	-3.180443	mp-985282
Cd2Ge6	-3.406568	mp-1183666
CdGe3	-3.409994	mp-1183649
Cd3Ge	-1.720810	mp-1183644
In6Ge2	-3.070618	mp-1184915
InGe3	-3.866916	mp-975524
In3Ge	-3.089839	mp-974310
InGe3	-3.837424	mp-1184752
InGe3	-3.864415	mp-1184781
In2BGe	-3.283600	mp-631527
Sn3Ge	-3.994535	mp-1187030
SnGe3	-4.151951	mp-979254
Sn3Ge	-3.984301	mp-1187023
SnGe3	-4.155124	mp-1187066
SnGe	-3.824278	mp-995181
Sn3Ge	-4.014756	mp-1187027
Hf24Ge8	-9.093658	mp-1202616
Hf4Ge2	-8.208287	mp-1072256
Hf6Ge4	-8.517949	mp-976273
Hf10Ge6	-8.634790	mp-1739
Hf20Ge16	-8.290073	mp-737
Hf4Ge2	-8.830069	mp-9939
Hf3Ge	-8.872516	mp-1184664
Hf2Ge4	-6.803754	mp-13683
HfB2Ge	-5.702784	mp-631549
Ta12Ge4	-10.309409	mp-17728
Ta10Ge6	-9.419797	mp-17013
Ta10Ge6	-9.491164	mp-17615

Ta10Ge6	-9.507442	mp-17593
Ta3Ge6	-7.256585	mp-7558
Ta24Ge8	-10.324178	mp-639805
Ta10B2Ge6	-9.318322	mp-1189895
Ta10B4Ge2	-10.246273	mp-1105309
W4Ge8	-7.365676	mp-1101810
WGe2	-7.335235	mp-542595
Re3Ge	-10.108853	mp-974445
Re6Ge14	-6.980155	mp-29141
Re6Ge2	-10.117723	mp-1186900
Re2Ge4	-7.229906	mp-1025067
Re16Ge28	-7.436646	mp-1201064
Os2Ge4	-6.907840	mp-10032
Os8Ge12	-7.327630	mp-510032
Os16Ge24	-7.335687	mp-16610
OsGe3	-5.819196	mp-1184652
Ir3Ge12	-5.641099	mp-489
Ir16Ge20	-6.847679	mp-541844
Ir4Ge4	-7.058797	mp-208
Ir6Ge14	-6.158556	mp-505780
IrGe3	-5.467799	mp-1184667
Pt8Ge12	-5.614634	mp-542587
Pt6Ge3	-5.932182	mp-20061
Pt2Ge4	-5.445843	mp-1543
Pt24Ge16	-5.919235	mp-21673
Pt6Ge2	-6.019393	mp-16315
Pt2Ge6	-4.911680	mp-1184728
Pt4Ge4	-5.815606	mp-542640
Pt6Ge4	-5.915285	mp-20576
Au6Ge2	-3.539551	mp-1184712
Au3Ge	-3.548628	mp-1184584
AuGe3	-4.047277	mp-1184646
Au3Ge	-3.529004	mp-1224335
Hg2Ge6	-3.194251	mp-1184726
Hg6Ge2	-1.128344	mp-1184688
HgGe3	-3.200887	mp-1184571
Tl6Ge2	-2.755253	mp-981310
Tl3Ge	-2.761872	mp-1187554

Tl3Ge	-2.749546	mp-1187495
Pb3Ge	-3.796820	mp-1184782
YZr	-7.394485	mp-971933
MoYB2	-8.047110	mp-1215920
Mo12Y4B28	-8.352381	mp-504874
Mo4Y4B16	-7.956514	mp-7691
Tc8Y4	-9.239295	mp-1102030
Ru4Y12	-7.474542	mp-1207781
Ru8Y4	-8.651835	mp-568186
Ru3Y	-8.366436	mp-1187866
Ru3YB2	-8.409187	mp-4382
Ru4Y4B16	-7.699098	mp-1190832
Ru16Y4B16	-8.301590	mp-10138
Ru4Y8B24	-7.583067	mp-1196778
Rh6Y14	-7.332175	mp-1189474
RhY	-7.745258	mp-191
Rh4Y12	-7.198118	mp-1207780
Rh28Y42	-7.561403	mp-1196999
Rh5Y	-7.506904	mp-11565
Rh4Y2	-7.796654	mp-921
Rh18Y6	-7.702897	mp-1191413
Rh9Y2B6	-7.649857	mp-1216181
Rh8Y2B8	-7.535372	mp-5984
Rh3YB2	-7.683971	mp-1024941
Rh4Y4B16	-7.360823	mp-13341
Rh3YB	-7.820744	mp-29725
Rh15Y5B4	-7.785411	mp-1216199
Pd3Y	-6.363378	mp-559
Pd8Y6	-6.655964	mp-1104019
Pd2Y	-6.210862	mp-1062893
Pd4Y12	-6.617843	mp-1207777
Pd2Y2	-6.733322	mp-1066136
Pd6Y9	-6.682334	mp-1104388
Pd28Y4B10	-6.114082	mp-4597
Pd3YB	-6.360853	mp-1018643
Pd7YB2	-5.976701	mp-13560
AgY	-4.979367	mp-2474
Ag3Y	-3.968431	mp-1187811

Ag51Y14	-3.864743	mp-1216365
Ag3Y	-3.972002	mp-1187816
Ag2Y	-4.371003	mp-999544
Cd90Y22	-2.253729	mp-1199736
Cd2Y	-3.102542	mp-1331
CdY	-4.050420	mp-915
CdY3	-5.176818	mp-1100773
Cd116Y26	-2.140290	mp-582709
Cd3Y	-2.581504	mp-571059
Cd6Y2	-2.601826	mp-2349
CdYB	-4.754155	mp-1100401
In2Y4	-5.615027	mp-21294
In2Y6	-5.806161	mp-1187884
InY	-5.093355	mp-22704
In10Y6	-4.625328	mp-1105835
In3Y	-4.098862	mp-20131
In20Y12	-4.560768	mp-1199503
Sn6Y10	-6.315189	mp-567412
Sn3Y	-5.011346	mp-1094248
Sn20Y22	-6.070351	mp-1199133
Sn3Y	-4.796758	mp-1094257
SnY3	-6.087416	mp-1094256
SnY3	-6.246600	mp-1187805
Sn3Y	-5.057616	mp-11571
SnY	-5.817072	mp-1094705
Sn4Y2	-5.438638	mp-13010
Sn6Y2	-4.997933	mp-1080522
Sn2Y6	-6.258586	mp-982243
W2Y6B14	-7.774050	mp-14373
Re8Y4	-10.670062	mp-570923
Re2Y6B14	-7.477828	mp-569002
Re4Y8B24	-7.888718	mp-504560
Re4Y4B16	-8.183690	mp-865727
Re2Y6B14	-7.751347	mp-7625
Re8Y2B8	-9.411722	mp-1188833
Os6Y2	-9.598090	mp-1187883
Os8Y4	-9.936437	mp-570670
Os4Y12	-7.894269	mp-1188757

Os4Y8B24	-7.779819	mp-1201886
Os8Y3B6	-9.152424	mp-571209
Os4Y4B16	-7.971109	mp-980205
Ir4Y12	-7.628282	mp-1207785
IrY	-8.429707	mp-30746
Ir12Y20	-8.135328	mp-1198712
Ir28Y42	-8.185995	mp-1204272
Ir4Y2	-8.859327	mp-2762
Ir9Y3	-8.833767	mp-1095497
Ir8Y2B8	-8.176500	mp-981396
Ir3YB2	-8.411397	mp-31098
Ir4Y2B4	-8.244071	mp-14622
Pt6Y10	-7.299379	mp-1178745
Pt16Y20	-7.431968	mp-12175
Pt4Y12	-7.072620	mp-7343
Pt4Y2	-7.287023	mp-2674
Pt4Y4	-7.525112	mp-1025448
Pt4Y8	-7.261405	mp-1102657
Pt3Y	-7.138952	mp-2403
Pt6Y3B3	-7.323330	mp-5971
Pt3YB	-7.003778	mp-1018644
Au2Y	-5.196627	mp-1018113
Au6Y2	-4.785194	mp-1079467
Au4Y6	-5.899672	mp-1080493
Au2Y2	-5.755853	mp-1066254
AuY	-5.734806	mp-11261
Au4Y8	-6.048914	mp-979911
Hg2Y	-2.756803	mp-30725
HgY	-3.901355	mp-2399
Hg6Y2	-2.206696	mp-30726
HgYB	-4.535052	mp-1100402
Tl3Y	-3.639018	mp-2393
Tl6Y10	-5.279927	mp-1188434
TlY	-4.783337	mp-11575
Tl2Y6	-5.627824	mp-1187822
Tl10Y6	-4.220280	mp-1207757
PbY3	-6.053885	mp-1187881
Pb16Y20	-5.416861	mp-672188

Pb4Y2	-5.024292	mp-636614
Pb3Y	-4.695309	mp-20291
Pb6Y10	-6.022116	mp-1188292
NbZr	-9.213675	mp-1215202
NbZrB2	-8.715182	mp-1215223
NbZrB4	-8.408333	mp-1215211
Mo2Zr8	-8.097365	mp-1207454
Mo6Zr2	-10.043515	mp-30790
Mo2Zr	-10.021678	mp-1215231
MoZr	-9.592073	mp-1215206
Mo4Zr2	-10.218245	mp-2049
MoZrB4	-8.308206	mp-1215250
Mo8Zr18B2	-9.198821	mp-1192463
Tc8Zr4	-10.071200	mp-1095545
RuZr	-9.553852	mp-214
Ru8Zr4	-9.403622	mp-569979
Ru6Zr2	-9.226956	mp-1188033
Ru3Zr	-9.243350	mp-1017544
Rh4Zr4	-8.753025	mp-669917
RhZr	-8.701342	mp-1215257
Rh4Zr12	-8.668057	mp-1188413
Rh4Zr4	-8.751711	mp-567181
RhZr3	-8.487532	mp-1188054
Rh2Zr4	-8.702475	mp-571664
Rh10Zr6	-8.605192	mp-2626
Rh3Zr	-8.333576	mp-229
RhZr	-8.706990	mp-2808
Rh2Zr2	-8.702145	mp-1017545
Rh3ZrB	-8.201950	mp-1068661
PdZr2	-7.913118	mp-266
Pd2Zr	-7.057378	mp-1018102
Pd11Zr9	-7.339226	mp-1207436
Pd2Zr2	-7.515523	mp-13495
Pd8Zr6	-7.317955	mp-12712
PdZr4	-8.150074	mp-1215363
Pd12Zr4	-6.841182	mp-30842
PdZr	-7.444449	mp-13496
Pd3Zr	-6.816314	mp-1017543

Ag ₂ Zr	-4.785229	mp-1008601
AgZr ₃	-7.095852	mp-30362
Ag ₂ Zr ₂	-5.811435	mp-11239
AgZr ₂	-6.748478	mp-2221
AgZrB	-5.134430	mp-961701
CdZr ₃	-6.717977	mp-1188029
Cd ₃ Zr	-2.932772	mp-11313
CdZr ₂	-6.123742	mp-1018104
Cd ₂ Zr ₃	-2.628416	mp-1178625
Cd ₂ Zr ₂	-4.845667	mp-1017540
CdZr ₃	-6.713338	mp-1188030
Cd ₂ Zr ₃	-4.325597	mp-636095
InZr ₃	-7.340812	mp-20695
In ₈ Zr ₄	-4.950947	mp-20800
In ₃ Zr	-4.409124	mp-570578
InZr	-5.964160	mp-1207380
In ₆ Zr ₂	-4.406932	mp-1078602
InZr	-5.810799	mp-1215265
Sn ₄ Zr ₄	-6.469376	mp-1094268
SnZr ₅	-7.976061	mp-1094254
Sn ₄ Zr ₂	-5.948800	mp-755328
Sn ₆ Zr ₆	-6.566171	mp-1094269
Sn ₅ Zr ₅	-6.598755	mp-1094544
SnZr	-6.536072	mp-1094874
Sn ₆ Zr ₆	-6.567610	mp-1094289
Sn ₈ Zr ₈	-6.477943	mp-1094283
Sn ₄ Zr ₄	-6.401314	mp-1094261
Sn ₆ Zr ₈	-6.811159	mp-1094226
Sn ₈ Zr ₈	-6.539374	mp-1094542
Sn ₂ Zr ₂	-6.615136	mp-1094898
Sn ₁₂ Zr ₁₂	-6.515140	mp-1094291
Sn ₄ Zr ₈	-7.276993	mp-1094277
Sn ₈ Zr ₈	-6.575474	mp-1094597
Sn ₄ Zr ₄	-6.655317	mp-1094528
Sn ₂ Zr ₆	-7.758196	mp-1094267
SnZr ₃	-7.748815	mp-1094255
Sn ₈ Zr ₁₆	-7.232305	mp-1094290
Sn ₃ Zr	-5.019942	mp-1094224

Sn6Zr8	-6.935293	mp-1094315
Sn6Zr6	-6.523376	mp-1094276
Sn5Zr5	-6.515825	mp-1094237
Sn2Zr4	-7.355169	mp-1094253
Sn3Zr	-5.275605	mp-1094312
Sn4Zr4	-6.676457	mp-1094260
Sn2Zr2	-6.555406	mp-1094703
Sn2Zr6	-7.778089	mp-30876
Sn4Zr4	-6.528069	mp-1094263
Sn6Zr6	-6.562024	mp-1094278
Sn2Zr4	-7.452303	mp-1094272
Sn2Zr6	-7.777082	mp-1188061
Sn6Zr10	-7.410940	mp-510522
Sn8Zr10	-7.123444	mp-543001
Sn6Zr10B2	-7.498171	mp-1188408
HfZr	-9.250696	mp-983459
Hf2Zr6	-8.896550	mp-1184723
HfZrB4	-8.540899	mp-1224184
Ta2Zr6	-9.221959	mp-1188053
TaZr3	-9.208605	mp-1188024
TaZrB4	-8.690215	mp-1215209
W2Zr8	-8.357303	mp-1207453
W4Zr2	-11.630746	mp-675
W10Zr6	-10.860828	mp-1188207
W8Zr18B2	-9.781999	mp-1192767
Re8Zr4	-11.504757	mp-12109
Re10Zr20	-9.976139	mp-1193848
Re24Zr5	-11.992559	mp-1374
Re50Zr42	-11.014420	mp-574458
Re8Zr18B2	-9.796949	mp-1193442
Os8Zr4	-10.721873	mp-570684
Os17Zr54	-9.442885	mp-1207654
Os8Zr22	-9.554108	mp-1193087
Os3Zr	-10.563729	mp-1017542
OsZr	-10.407738	mp-11541
IrZr	-9.482975	mp-1017541
IrZr	-9.474422	mp-11484
Ir4Zr4	-9.554913	mp-568992

Ir6Zr10	-9.388969	mp-1188697
Ir4Zr12	-9.143386	mp-30748
Ir2Zr4	-9.312918	mp-1077297
Ir18Zr30	-9.398241	mp-30749
Ir2Zr8	-8.157449	mp-1207442
Ir8Zr16	-9.270932	mp-1191706
Ir4Zr2	-9.434680	mp-715
Ir3Zr	-9.491509	mp-1438
Ir6Zr2B8	-8.250391	mp-1190085
Ir12Zr4B15	-8.297311	mp-1215396
Ir6Zr2B	-9.346891	mp-1078623
Pt8Zr16	-8.426378	mp-1191960
Pt20Zr14	-8.166041	mp-1207440
Pt11Zr9	-8.180743	mp-30859
Pt2Zr2	-8.392360	mp-1065995
PtZr3	-8.345657	mp-971951
Pt3Zr	-7.695381	mp-30858
PtZr	-8.212708	mp-11554
Pt8Zr	-6.828575	mp-1205768
Pt12Zr4	-7.712032	mp-1188129
Pt2Zr6	-8.335120	mp-1188043
Au16Zr4	-4.742456	mp-17813
Au2Zr	-5.606838	mp-1018103
Au2Zr6	-7.576302	mp-11263
AuZr2	-7.205911	mp-2348
Au6Zr2	-5.095065	mp-1079681
AuZr	-6.395236	mp-1215274
Hg6Zr2	-2.406852	mp-1188042
HgZr	-4.595215	mp-2510
Hg3Zr	-2.425163	mp-1608
Hg2Zr6	-6.667406	mp-1630
TiZr3	-7.113048	mp-977585
PbZr3	-7.477981	mp-1187844
Pb6Zr10	-6.880510	mp-681992
MoNb	-10.547777	mp-1220327
Mo4Nb2B4	-9.452038	mp-1079120
Mo2Nb4B4	-9.523091	mp-1206490
Mo11Nb4B20	-8.926486	mp-1220650

Mo3NbB4	-9.233146	mp-1220383
Nb2Tc	-10.305733	mp-1220634
NbTc	-10.359642	mp-1220323
NbRu	-9.866155	mp-432
Nb3Ru	-10.087854	mp-977434
Nb2Ru6	-9.602169	mp-1186229
NbRu3	-9.436359	mp-1220372
NbRu	-9.841425	mp-11516
NbRu3	-9.613932	mp-11517
Nb2Ru	-9.888570	mp-1220677
Nb6Ru6B6	-9.239613	mp-1105360
Nb6Ru10B4	-9.451360	mp-1189385
Nb7Ru6B8	-9.163643	mp-1191941
Nb6Rh18	-8.556922	mp-1191559
Nb2Rh4	-8.610412	mp-1220379
Nb2Rh2	-9.110773	mp-11515
Nb2Rh4	-8.644101	mp-1220414
Nb3Rh3	-9.118512	mp-567345
NbRh3	-8.548509	mp-2449
Nb6Rh2	-9.671788	mp-1545
Nb4Rh	-9.674030	mp-1220441
Nb2Rh6	-8.543169	mp-1186230
NbRh	-9.134119	mp-1963
Nb6Rh6	-9.127897	mp-1102348
NbRh3B	-8.044241	mp-1206988
NbPd	-7.766182	mp-1220332
Nb6Pd18	-6.835828	mp-669692
NbPd2	-7.244394	mp-1018151
Nb4Pd	-9.233733	mp-1220401
Nb3Pd	-9.026734	mp-1220635
NbPd4	-6.329079	mp-1220368
Nb2Pd	-8.692913	mp-1220678
NbPd3	-6.833261	mp-1135
Cd3Nb	-3.065946	mp-11309
In2Nb6	-8.231617	mp-22060
InNb3	-8.210511	mp-1220719
Nb4Sn8	-6.179258	mp-1046
Nb2Sn6	-5.222497	mp-1186237

Nb12Sn10	-7.483516	mp-1192223
Nb6Sn2	-8.742231	mp-1326
HfNb	-9.915400	mp-1224307
HfNb8B12	-8.934957	mp-1224510
HfNbB4	-8.656986	mp-1224328
HfNbB2	-9.114354	mp-1224347
HfNbB4	-8.658897	mp-38818
NbTa	-10.971932	mp-1217892
NbW	-11.571234	mp-1220316
NbWB2	-9.689584	mp-1220349
NbWB	-8.286123	mp-631531
Nb3W3B4	-10.017368	mp-1220641
NbRe	-11.411027	mp-1220322
Nb3Re3B4	-9.781983	mp-1220688
Nb18Os12	-10.791318	mp-1220934
Nb6Os2	-10.624494	mp-1932
NbOs3	-10.905738	mp-1220360
Nb3Os	-10.615962	mp-1186218
NbOs3	-11.012886	mp-1186225
Nb8Os4B8	-9.542666	mp-1106338
Nb12Os12B12	-9.848173	mp-1195339
Ir2Nb6	-10.188250	mp-1458
Ir6Nb2	-9.766247	mp-1186231
Ir6Nb6	-9.984150	mp-1095683
IrNb	-9.989488	mp-1359
Ir7Nb5	-9.835486	mp-1220502
Ir3Nb	-9.758128	mp-1339
NbPt4	-7.140855	mp-1220285
Nb2Pt2	-8.698366	mp-999376
Nb20Pt10	-9.214436	mp-1192954
NbPt2	-7.784033	mp-1220321
NbPt2	-8.101298	mp-11514
Nb6Pt2	-9.475286	mp-2663
Nb4Pt12	-7.723044	mp-12700
Nb2Pt6	-7.725652	mp-1078699
Au4Nb	-4.636430	mp-1220390
Au2Nb3	-7.517824	mp-2123
Au8Nb12	-7.395231	mp-1188500

Au2Nb6	-8.460068	mp-2752
AuNb3	-8.465886	mp-1220645
Au2Nb	-5.666924	mp-1606
Nb6Ti2	-7.958307	mp-569366
Nb6Pb2	-8.382639	mp-22068
MoTc3	-10.378345	mp-1217419
MoTc3	-10.362874	mp-1187396
MoTc3	-10.364949	mp-1187395
MoTc	-10.490237	mp-1217398
Mo2Ru6	-9.728302	mp-975834
Mo4Ru	-10.412791	mp-1221461
MoRu	-10.000792	mp-1221386
Mo2Ru2B4	-8.668895	mp-1228661
MoRu2B4	-8.319715	mp-1228655
MoRh	-9.193527	mp-1221419
Mo2Rh6	-8.469669	mp-30787
MoRh3	-8.316062	mp-1221397
Mo2Rh2	-9.289056	mp-12595
Mo2Rh	-9.716922	mp-1221484
Mo3Pd	-9.319891	mp-1186014
MoPd2	-7.171864	mp-1206704
MoPd	-7.972629	mp-1221413
MoPd	-7.921798	mp-1221422
MoPd3	-6.630798	mp-1221429
MoPd4	-6.363767	mp-1221442
Mo6Sn2	-9.084709	mp-30788
MoSn3	-5.147787	mp-1187045
Mo3Sn	-8.846121	mp-1218950
Mo6Sn12	-6.274515	mp-30047
Hf2Mo4	-10.720390	mp-2363
HfMo2	-10.514142	mp-1224345
Hf8Mo16	-10.714449	mp-1191083
HfMo	-10.331183	mp-1224314
Hf18Mo8B2	-10.156886	mp-18024
Hf18Mo6B4	-9.796051	mp-1224546
MoTa	-11.458886	mp-1217895
MoTaB2	-9.678809	mp-1217965
Mo4Ta2B4	-9.836757	mp-1079659

MoW	-11.901751	mp-1221387
Mo2W2B2	-10.454832	mp-1228637
Mo3Re	-10.936977	mp-1219517
Mo12Re18	-11.738026	mp-1219297
Mo3Re	-11.184295	mp-1219493
MoRe3	-11.922626	mp-974420
Mo2Re6	-11.923942	mp-974589
MoRe	-11.536796	mp-1219485
MoRe3	-11.927617	mp-1219135
Mo5Re24	-12.182666	mp-12662
Mo6Os2	-10.929939	mp-801
MoOs	-10.958313	mp-1221418
Mo8Os4B8	-9.608516	mp-1188450
IrMo	-10.048365	mp-1221414
Ir2Mo6	-10.443429	mp-1120
Ir2Mo2	-10.171247	mp-11481
Ir6Mo2	-9.681772	mp-11482
Ir4Mo	-9.308335	mp-1221426
IrMo4	-10.238124	mp-1221469
Ir4Mo8B8	-9.186256	mp-20391
IrMoB4	-7.981047	mp-1228634
MoPt3	-7.434324	mp-1221420
MoPt	-8.618851	mp-1221433
MoPt3	-7.367272	mp-13100
Mo3Pt	-9.737439	mp-1186016
MoPt3	-7.395057	mp-1221425
Mo2Pt2	-8.777079	mp-999502
Mo4Pt4	-8.670606	mp-1221441
Mo6Pt2	-9.764519	mp-1232
MoPt2	-8.018986	mp-952
MoPb3	-4.580553	mp-1186019
Mo2Pb2	-6.305902	mp-1065115
Ru6Tc2	-9.613179	mp-867356
Ru2Tc6	-10.135390	mp-861630
RuTc	-9.876534	mp-1217363
RhTc	-8.966358	mp-1217422
Rh2Tc6	-9.768141	mp-861626
Rh6Tc2	-8.181854	mp-867352

PdTc3	-9.050872	mp-1217414
PdTc3	-9.004281	mp-1217424
Pd2Tc6	-9.143635	mp-861610
Ag3Tc	-4.120153	mp-981749
InTc3	-8.130918	mp-985564
SnTc3	-8.549830	mp-1187394
Sn2Tc6	-8.543770	mp-1187397
Hf4Tc8	-10.588232	mp-1095669
HfTc	-10.641877	mp-11460
TaTc	-11.606658	mp-11572
Tc6W2	-10.902772	mp-1187398
TcW	-11.548134	mp-1217337
Re6Tc2	-11.922842	mp-974411
ReTc	-11.406042	mp-1186915
Re2Tc6	-10.883619	mp-974492
Os2Tc6	-10.632788	mp-862779
OsTc3	-10.614283	mp-1217407
Os6Tc2	-11.085976	mp-867212
IrTc	-9.818035	mp-1217409
Ir6Tc2	-9.393213	mp-867345
Ir2Tc6	-10.208410	mp-862770
PtTc	-8.255140	mp-1217413
Pt2Tc6	-9.552083	mp-867281
PtTc3	-9.356869	mp-1217428
PtTc	-8.272449	mp-1187458
Pt3Tc	-7.239865	mp-972326
Pb2Tc6	-8.100178	mp-1187592
RhRu	-8.287027	mp-1219503
Rh6Ru2	-7.794140	mp-974341
Rh3Ru	-7.787088	mp-974335
Rh2Ru6	-8.783333	mp-1186926
Rh4Ru	-7.732778	mp-1219522
PdRu	-6.999470	mp-1186459
Ag6Ru2	-3.883376	mp-1183261
In2Ru6	-7.334138	mp-1095082
In12Ru4	-4.523083	mp-607450
In12Ru4	-4.522782	mp-672326
Ru6Sn14	-5.799242	mp-22344

Ru2Sn4	-5.911836	mp-510219
Ru8Sn12	-6.294076	mp-680677
Ru2Sn6	-4.978693	mp-1187108
Hf2Ru6	-9.656577	mp-975921
HfRu3	-9.669425	mp-1007657
HfRu	-10.426951	mp-2802
RuTa	-10.851405	mp-12110
RuTa3	-11.316312	mp-1217988
RuTa	-10.705917	mp-1217908
Ru3Ta	-9.890598	mp-1217912
Ru6Ta2	-10.111070	mp-1187258
RuTa	-10.885618	mp-1601
RuTa3	-11.428475	mp-977390
Ru3Ta	-10.128358	mp-867816
Ru4Ta6	-11.108261	mp-1218044
Ru6Ta7B8	-9.801097	mp-1191981
Ru6Ta6B6	-9.885755	mp-1205358
Ru12Ta12B12	-9.900183	mp-1195237
Ru10Ta6B4	-10.059118	mp-1188194
Ru6W2	-10.264825	mp-862655
RuW	-11.029993	mp-1219476
Ru2W2B4	-9.130440	mp-1228657
Re6Ru2	-11.704306	mp-974625
Re3Ru	-11.714951	mp-974455
Re2Ru6	-10.154519	mp-862630
Os2Ru6	-9.762101	mp-974326
OsRu	-10.260326	mp-1220023
Ir2Ru6	-9.218092	mp-862620
IrRu	-9.099712	mp-974421
Ir3Ru	-8.993923	mp-974358
IrRu	-9.065146	mp-1223860
PtRu	-7.596947	mp-1120769
Au6Ru2	-4.353089	mp-974365
Au3Ru	-4.408226	mp-974364
Ru2Ti6	-3.437705	mp-980038
PdRh	-6.179446	mp-1219925
Pd3Rh	-5.658517	mp-1186442
Ag3Rh	-3.743845	mp-985297

Ag3Rh	-3.736547	mp-1183156
Ag6Rh2	-3.742747	mp-1183225
AgRh	-4.835127	mp-1183233
InRh	-5.471822	mp-899
In2Rh6	-6.358199	mp-1184791
In12Rh4	-4.188740	mp-18614
Rh3Sn12	-4.947993	mp-1208852
Rh4Sn16	-4.950792	mp-1188303
Rh6Sn2	-6.783313	mp-1187077
Rh8Sn4	-6.608704	mp-636334
RhSn3	-4.746218	mp-1187036
Rh2Sn4	-5.527226	mp-565
Rh4Sn4	-6.149555	mp-317
Rh4Sn8	-5.536717	mp-1103044
Rh3Sn	-6.777986	mp-978974
Rh12Sn8B2	-6.570227	mp-30061
Rh6Sn5B2	-6.420360	mp-30060
Hf6Rh10	-9.251962	mp-17045
Hf16Rh8	-9.706944	mp-1190626
HfRh3	-8.758916	mp-1027
HfRh	-9.519140	mp-11457
HfRh3B	-8.522960	mp-1017578
Rh8Ta4	-9.433195	mp-1103212
Rh3Ta	-9.081867	mp-1020
Rh3W	-8.834143	mp-1219506
Rh6W2	-9.024839	mp-30866
Re3Rh	-11.244030	mp-1219539
Re6Rh2	-11.325592	mp-1186923
Re2Rh6	-8.707731	mp-867865
Os2Rh6	-8.241310	mp-1186377
Ir3Rh	-8.478082	mp-1184771
IrRh	-8.114341	mp-1223919
IrRh3	-7.720920	mp-1184768
Ir3Rh	-8.490931	mp-863709
IrRh3	-7.730411	mp-1184794
Pt3Rh	-6.397876	mp-974616
PtRh3	-7.042112	mp-974376
PtRh	-6.711363	mp-1219734

Pt3Rh	-6.393736	mp-974395
PtRh3	-7.037458	mp-974370
Hg3Rh	-1.861669	mp-975452
Hg6Rh2	-1.844431	mp-1184727
Hg2Rh	-2.653435	mp-11870
Rh6Ti2	-5.968177	mp-1187540
Pb10Rh8	-5.415441	mp-569678
Pb4Rh2	-5.000214	mp-321
Pb3Rh3	-5.617783	mp-442
PbRh3	-6.386647	mp-974368
AgPd	-4.065100	mp-1229012
AgPd	-4.051298	mp-1183222
Ag3Pd	-3.471180	mp-985296
Ag6Pd2	-3.468865	mp-1183206
CdPd3	-4.365903	mp-1183655
Cd54Pd16	-1.911427	mp-607960
Cd6Pd2	-2.205408	mp-1183648
CdPd	-3.461469	mp-1696
CdPd3	-4.384218	mp-865985
Cd43Pd8	-1.751372	mp-1227077
Cd3Pd	-2.201647	mp-1183621
Cd85Pd27	-2.182207	mp-647220
Cd3Pd	-2.205754	mp-1183635
Cd2Pd6	-4.362793	mp-1183675
InPd	-4.461231	mp-21215
In2Pd6	-5.031960	mp-1078721
In14Pd6	-3.868173	mp-568655
In4Pd8	-4.886530	mp-22646
In3Pd	-3.427143	mp-1184826
In6Pd10	-4.790774	mp-22146
In3Pd2	-4.185462	mp-510437
In6Pd2	-3.440389	mp-1185043
InPd3	-5.026921	mp-1007664
InPd3	-5.007084	mp-510436
InPd3	-4.922177	mp-1223699
InPd3	-5.008210	mp-31337
Pd40Sn26	-5.251106	mp-1219223
Pd8Sn4	-5.330452	mp-1851

Pd39Sn27	-5.228230	mp-1209131
Pd8Sn16	-4.788398	mp-1573
Pd4Sn12	-4.594786	mp-1371
Pd5Sn7	-4.917393	mp-1219006
Pd4Sn4	-5.126542	mp-2369
Pd2Sn8	-4.480465	mp-2128
Pd3Sn	-5.404162	mp-718
Hf4Pd12	-7.257309	mp-11453
HfPd5	-5.044058	mp-1077225
HfPd2	-7.589288	mp-1207004
HfPd5	-6.614760	mp-865166
HfPd	-8.196927	mp-1002106
Hf2Pd2	-8.257244	mp-1007692
Hf2Pd	-8.891469	mp-11454
HfPd3	-7.243186	mp-1007656
Hf16Pd8	-8.806521	mp-1190654
PdTa3	-10.224660	mp-1187223
Pd2Ta	-7.868450	mp-30835
PdTa	-8.663624	mp-1217896
Pd3Ta	-7.333531	mp-30836
Pd30Ta10	-7.264507	mp-582360
Pd2Ta2	-8.881652	mp-999133
Pd3W	-7.163299	mp-1186437
Pd4W	-6.764672	mp-1219940
PdW	-8.932782	mp-1219935
Pd2Re6	-10.684676	mp-862586
IrPd3	-5.966699	mp-1184784
IrPd	-6.899152	mp-1223675
Ir4Pd4B4	-7.182641	mp-28897
PdPt	-5.670300	mp-1219908
PdPt3	-5.866778	mp-1186450
Au3Pd	-3.829129	mp-973834
Au6Pd2	-3.819470	mp-1186447
AuPd	-4.288574	mp-1219920
AuPd3	-4.757082	mp-999298
Au3Pd	-3.829203	mp-973839
Hg4Pd4	-2.836252	mp-8675
HgPd	-2.911479	mp-2685

HgPd3	-4.077971	mp-863720
Hg6Pd2	-1.479524	mp-1184702
HgPd3	-4.097944	mp-1184658
Hg2Pd6	-4.074091	mp-977129
Hg3Pd	-1.463553	mp-974617
Hg10Pd4	-1.756740	mp-30721
Pd2Ti4	-3.426157	mp-570896
Pd3Ti	-4.690871	mp-571030
Pd13Ti9	-4.242674	mp-1297
Pd6Ti2	-4.696778	mp-1079938
Pd3Ti	-4.668688	mp-569785
Pb18Pd26	-4.835405	mp-30826
Pb3Pd	-4.051312	mp-1186443
Pb4Pd2	-4.406703	mp-20599
PbPd3	-5.112615	mp-20849
Pb6Pd10	-4.897074	mp-1188663
Pb16Pd16	-4.707186	mp-1210215
AgCd3	-1.417640	mp-1226933
Ag3Cd	-2.406509	mp-1183627
AgCd	-1.934641	mp-2642
Ag10Cd16	-1.716927	mp-567857
AgCd	-1.921416	mp-1226728
Ag3Cd	-2.363207	mp-1226736
Ag3Cd	-2.399004	mp-1183647
AgCd	-1.895531	mp-1226726
Ag6Cd2	-2.400618	mp-865910
AgCd	-1.890706	mp-1226716
Ag3In	-2.737080	mp-1223839
Ag3In	-2.766158	mp-1223787
AgIn3	-2.710042	mp-1184493
Ag36In16	-2.840939	mp-21975
Ag34In18	-2.830596	mp-1224231
AgIn	-2.741779	mp-1009018
Ag4In	-2.743100	mp-1223819
Ag3In	-2.845717	mp-30343
Ag2In6	-2.699185	mp-1184517
Ag2In4	-2.792202	mp-19974
Ag2In4	-2.698715	mp-760385

Ag2Sn6	-3.610210	mp-1183248
Ag6Sn2	-3.145994	mp-611
Ag3Sn	-3.045333	mp-1229107
Ag2Hf2	-6.509986	mp-13156
AgHf3	-8.082306	mp-1184564
AgHf2	-7.699019	mp-13155
Ag3W	-4.496148	mp-1183177
Ag6Re2	-4.340851	mp-974525
Ag3Re	-4.272562	mp-1186896
AgIr	-5.478591	mp-1183229
AgPt3	-5.226800	mp-30353
Ag3Pt	-3.629513	mp-12065
AgPt4	-5.460410	mp-1229032
AgPt	-4.487079	mp-1229015
AgPt	-4.474347	mp-1183209
Ag6Au2	-2.975021	mp-1183205
AgAu3	-3.202007	mp-1183224
AgAu	-3.088095	mp-1183227
Ag3Au	-2.981146	mp-1183137
Ag2Au6	-3.195249	mp-985287
Ag3Au	-2.983435	mp-1183214
AgAu3	-3.198657	mp-867303
AgAu	-3.094945	mp-1229092
AgHg3	-0.822938	mp-1183210
Ag2Hg	-1.938398	mp-1229093
AgHg	-1.482033	mp-758433
Ag4Hg4	-1.484685	mp-758523
Ag4Hg10	-0.946428	mp-759790
Ag11Hg9	-1.615945	mp-770433
Ag6Hg2	-2.173071	mp-1183250
Ag20Hg30	-1.232906	mp-770023
Ag3Hg	-2.179151	mp-985443
AgTi3	-2.372682	mp-1187490
AgTi3	-2.370670	mp-1187545
Ag2Pb6	-3.397263	mp-985702
AgPb3	-3.403254	mp-1183256
Cd3In	-1.332508	mp-12661
CdIn3	-2.224844	mp-1183674

CdIn	-1.797978	mp-1183669
Cd2In6	-2.244728	mp-1183676
CdSn	-2.379800	mp-1183726
Cd2Sn6	-3.172016	mp-1183741
CdSn3	-3.155437	mp-1183720
Cd2Hf2	-5.509405	mp-1007758
CdHf2	-7.006849	mp-1018156
Cd6Os2	-3.015171	mp-1183653
Cd41Ir8	-2.273832	mp-1199295
Cd3Ir	-2.810839	mp-1183626
Cd3Ir	-2.810084	mp-1183645
Cd6Pt2	-2.393676	mp-1183654
CdPt3	-4.961825	mp-1067236
Cd3Pt	-2.395257	mp-1183641
CdPt	-3.803143	mp-1194
CdPt3	-4.949421	mp-866022
Au3Cd	-2.815311	mp-1264
AuCd	-2.217173	mp-1226718
Au6Cd10	-1.971048	mp-30371
Au6Cd2	-2.811440	mp-865144
AuCd3	-1.509238	mp-1226953
Au6Cd18	-1.641908	mp-30370
Au10Cd16	-1.974920	mp-1193415
Au8Cd3	-2.599699	mp-1226978
Au3Cd	-2.806699	mp-1183643
AuCd	-2.269598	mp-2757
Au9Cd9	-2.258704	mp-16886
Au2Cd2	-2.273523	mp-1404
CdHg2	-0.478620	mp-30488
Cd3Hg	-0.727452	mp-1226878
CdHg3	-0.416350	mp-1183639
Cd6Hg2	-0.747527	mp-1183661
Cd2Hg6	-0.422735	mp-1183652
Cd2Hg	-0.701432	mp-11299
CdHg3	-0.416577	mp-1183650
CdTI3	-1.919253	mp-1187513
CdTI3	-1.966033	mp-979269
CdTI3	-1.970274	mp-1187555

CdPb3	-2.971100	mp-1183660
Cd6Pb2	-1.546111	mp-1183663
InSn4	-3.610142	mp-1223653
In3Sn	-3.027142	mp-1184894
In2Sn6	-3.639528	mp-1184812
InSn3	-3.639166	mp-1184776
In3Sn	-3.027592	mp-1224025
InSn3	-3.643791	mp-1223722
Hf4In10	-4.944210	mp-22050
Hf6In8	-5.870194	mp-1105078
In2ReB	-4.681246	mp-631547
In12Ir4	-4.432049	mp-636498
In8Ir4	-4.942408	mp-22812
In12Ir4	-4.430532	mp-630976
In5Ir9B4	-6.883063	mp-570692
In3Pt	-3.601562	mp-1184825
In14Pt6	-4.172303	mp-22075
In8Pt12	-5.217709	mp-510439
In9Pt13	-5.138142	mp-571060
In8Pt16	-5.354792	mp-1223755
In2Pt	-4.324977	mp-22682
In9Pt12	-5.084749	mp-1224298
In3Pt	-3.600364	mp-1184857
InPt3	-5.595453	mp-20516
InPt	-4.657054	mp-1223656
In3Pt5	-5.108862	mp-1224042
In3Pt2	-4.543204	mp-1069815
In5Pt5	-4.864798	mp-510438
In5Pt11	-5.417677	mp-1223977
Au20In6	-3.264909	mp-510099
Au3In	-3.129072	mp-1223816
Au2In6	-2.892124	mp-1184506
AuIn2	-3.154459	mp-22154
Au3In2	-3.230080	mp-1017579
Au3In2	-3.141832	mp-1206431
Au6In2	-3.264603	mp-569683
Au42In18	-3.250716	mp-567550
Au36In16	-3.231948	mp-680545

AuIn3	-2.888382	mp-973498
HgIn3	-1.241113	mp-1212244
Hg2In6	-2.110522	mp-1184933
Hg6In2	-0.911094	mp-1184789
Hg3In	-0.896897	mp-1223650
HgIn	-1.522804	mp-20132
In6Tl2	-2.606277	mp-1187827
In3Tl	-2.610835	mp-1187742
InTl3	-2.428486	mp-1187638
InTl3	-2.425749	mp-1216558
In3Tl	-2.606243	mp-1216611
InTl	-2.519836	mp-1216527
In6Pb2	-2.949257	mp-1184932
InPb	-3.209049	mp-1223654
InPb	-3.189617	mp-1184798
In4Pb	-2.903759	mp-1223890
In3Pb	-2.993687	mp-1184921
Hf3Sn	-8.711293	mp-1184558
Hf4Sn4	-7.255425	mp-21328
Hf10Sn6	-8.106978	mp-21104
Hf3Sn	-8.711442	mp-1184633
Hf10Sn8	-7.711903	mp-510691
Hf6Sn2	-8.709923	mp-1184676
Hf3Sn6	-6.260736	mp-1079810
Sn6Ta4	-6.730229	mp-1218088
Sn6Ta2	-5.510590	mp-1187261
Sn2Ta6	-9.928116	mp-30871
Sn8Ta4	-6.649638	mp-567982
Re3Sn	-9.781948	mp-974432
ReSn3	-5.374453	mp-974545
Re6Sn2	-9.787023	mp-974426
Os6Sn14	-6.154992	mp-2729
Os16Sn68	-5.359662	mp-1209264
Ir6Sn14	-5.722022	mp-22040
Ir2Sn2	-6.666964	mp-20033
Ir4Sn16	-5.180148	mp-31277
Ir2Sn8	-5.172696	mp-1080586
Ir6Sn2	-7.592793	mp-1187093

IrSn2	-5.919603	mp-2083
Ir5Sn7	-6.288606	mp-20466
Ir6Sn5B2	-6.938691	mp-28998
Ir14Sn8B6	-7.282993	mp-28999
Pt2Sn2	-5.612562	mp-19856
PtSn2	-5.144251	mp-19962
Pt2Sn8	-4.702850	mp-20662
Pt3Sn	-5.932570	mp-20971
Pt4Sn6	-5.337117	mp-30846
Au4Sn4	-3.677335	mp-1147651
Au6Sn2	-3.500673	mp-980109
Au5Sn	-3.440974	mp-30418
Au2Sn6	-3.777197	mp-1187048
Au2Sn8	-3.937204	mp-1393
Au8Sn16	-3.897286	mp-1462
Au2Sn2	-3.826016	mp-1775
Au8Sn18	-3.736454	mp-1219114
Hg6Sn2	-1.134087	mp-1187088
Hg2Sn6	-3.018626	mp-1187047
SnTi	-3.132189	mp-1187560
Sn2Ti6	-2.742510	mp-1187553
SnTi4	-2.669941	mp-1216560
Sn6Ti2	-3.530198	mp-1187690
SnTi	-3.138503	mp-2556
PbSn	-3.806467	mp-972692
Pb6Sn2	-3.748569	mp-1187118
Pb2Sn6	-3.882580	mp-1187117
HfTa	-10.750348	mp-1224292
Hf3Ta	-10.283616	mp-1184552
HfTaB4	-8.934949	mp-1224283
HfTaB2	-9.567330	mp-1224291
Hf2W4	-12.127017	mp-1400
Hf18W8B2	-10.743241	mp-1212438
Hf18W6B4	-10.214878	mp-1224535
Hf42Re50	-11.720279	mp-1203605
Hf5Re24	-12.276833	mp-567490
Hf4Re8	-12.011837	mp-1689
Hf18Re8B2	-10.774973	mp-1193562

Hf16Os8	-10.807436	mp-1191415
Hf4Os8	-11.211692	mp-570960
HfOs	-11.291628	mp-11452
Hf54Os17	-10.580297	mp-568048
HfOs3	-11.005126	mp-1007693
Hf18Os8B2	-10.496361	mp-1193665
Hflr	-10.303371	mp-1002122
Hf30lr18	-10.361753	mp-1212499
Hflr3	-9.935188	mp-2126
Hf10lr6	-10.344615	mp-1189573
Hf2lr2	-10.326668	mp-1018055
Hf2lr2	-10.345795	mp-1007786
Hf2lr6B8	-8.431245	mp-13861
Hf6lr10B4	-9.578860	mp-22409
HfPt3	-8.127287	mp-1018054
Hf6Pt2	-9.373162	mp-974049
Hf4Pt16	-7.720513	mp-1224475
Hf2Pt3	-8.741441	mp-1070103
HfPt	-8.989857	mp-11455
Hf3Pt	-9.383902	mp-1184553
Hf2Pt2	-9.160869	mp-1007691
Hf4Pt12	-8.132106	mp-11456
Au2Hf	-6.062361	mp-1018153
AuHf3	-8.472415	mp-976725
Au9Hf	-4.130762	mp-1224390
Au6Hf2	-5.426074	mp-1079296
Au2Hf2	-7.158007	mp-1007755
Au20Hf14	-6.578047	mp-1212463
AuHf2	-8.166856	mp-30383
Hf3Hg	-7.575353	mp-1184632
Hf2Hg	-6.858192	mp-1018154
HfTi	-6.025009	mp-1184549
Hf3Ti	-8.044730	mp-976106
Hf2Ti	-7.390270	mp-1009238
HfTi3	-4.000857	mp-982930
Hf3Pb	-8.413755	mp-1184772
Hf6Pb2	-8.404673	mp-1006132
Hf5Pb	-8.879672	mp-1018715

Hf3Pb	-8.402644	mp-1184703
Ta3W	-12.175670	mp-1187206
TaW	-12.475489	mp-1217811
TaW3	-12.773276	mp-979289
Ta3W3B4	-10.574625	mp-1217992
TaW3B4	-10.157588	mp-1217974
ReTa3	-12.222591	mp-1187203
ReTa	-12.349010	mp-1217894
Os6Ta2	-11.499016	mp-1187248
Os3Ta	-11.360440	mp-1217906
Os12Ta18	-11.934562	mp-1218177
Os3Ta	-11.527169	mp-1187243
OsTa3	-11.963922	mp-1187197
Os4Ta8B8	-10.307237	mp-1189186
Ir6Ta6	-10.947841	mp-571499
Ir3Ta	-10.293853	mp-265
Ir6Ta2	-10.282863	mp-1187241
IrTa3	-11.423837	mp-1187196
Pt12Ta4	-8.227208	mp-567638
Pt4Ta2	-8.746821	mp-30849
PtTa3	-10.643029	mp-1187204
Pt6Ta2	-8.226894	mp-30850
PtTa3	-10.643933	mp-1187219
AuTa	-7.583672	mp-1217961
Au2Ta6	-9.734764	mp-569249
Au10Ta20	-9.038672	mp-1194495
Pb6Ta2	-5.018841	mp-1187282
PbTa3	-9.482894	mp-1187214
Re8W4	-12.422003	mp-1102921
ReW3	-12.759393	mp-1219491
Re3W	-12.445426	mp-974416
Re6W2	-12.442504	mp-974408
ReW4	-12.813433	mp-1219494
Re2W6	-12.810577	mp-1206445
ReW2	-12.685487	mp-1219490
Os6W2	-11.718513	mp-1186374
Os4W8B8	-10.364932	mp-1188234
OsWB4	-8.772958	mp-1228631

Ir4W	-9.718225	mp-1223666
IrW	-11.076519	mp-1223778
Ir2W2	-11.206498	mp-30744
Ir6W2	-10.228490	mp-30745
Ir3W2B5	-8.949432	mp-1228672
Ir4W5B20	-8.161979	mp-1228750
Pt2W	-8.702547	mp-1018129
PtW	-9.560044	mp-1219711
Pt3W	-8.033241	mp-862798
Au3W	-5.180432	mp-1187758
OsRe	-11.921791	mp-1219509
Os2Re6	-12.199314	mp-867264
Os6Re2	-11.616985	mp-867141
IrRe3	-11.629763	mp-974430
IrRe3	-11.648839	mp-1186902
IrRe	-10.839896	mp-1219533
Ir3Re	-9.840463	mp-1219535
Ir6Re2	-9.892229	mp-867792
Pt2Re6	-11.085613	mp-862589
PtRe3	-10.897862	mp-1219540
PtRe	-9.242048	mp-1219507
PtRe	-9.261625	mp-1219500
Au3Re	-4.911436	mp-974584
Re2Ti2	-6.264292	mp-1066583
PbRe3	-9.269414	mp-974415
Pb3Re	-4.866968	mp-974611
Ir4Os	-9.289636	mp-1223677
Ir3Os	-9.413990	mp-1184761
IrOs	-10.016823	mp-1223655
OsPt4	-7.079972	mp-1220039
OsPt3	-7.282173	mp-1220038
Au3Os	-4.573213	mp-977310
Au3Os	-4.607287	mp-1186365
HgOs	-4.774006	mp-978009
Os2Ti6	-3.605777	mp-1005760
OsPb3	-4.730217	mp-1186383
IrPt3	-6.678580	mp-1184759
IrPt	-7.373349	mp-1223665

Hg3Ir	-1.977700	mp-981391
Ir2TI6	-3.441561	mp-1080016
IrTI3	-3.458699	mp-971750
Ir3Pb	-7.095811	mp-1184797
Ir3Pb	-7.110662	mp-1184777
Ir2Pb2	-6.029264	mp-510198
AuPt	-4.631616	mp-1219709
AuPt	-4.605918	mp-1186779
HgPt3	-4.578139	mp-1066522
HgPt	-3.130546	mp-623
Hg4Pt	-1.547122	mp-936
HgPt3	-4.551070	mp-1007690
Hg2Pt	-2.283958	mp-11470
Hg3Pt	-1.565629	mp-1184608
Hg3Pt	-1.536964	mp-1184551
Pt2TI6	-3.114366	mp-1079689
Pt12TI8	-4.691364	mp-30853
Pt2TI4	-3.649725	mp-571160
Pt3TI3	-3.700897	mp-11553
Pt2TI4	-3.587135	mp-1101251
Pb8Pt2	-4.309468	mp-21296
PbPt3	-5.562839	mp-20828
Pb2Pt2	-4.849805	mp-21380
Pb2Pt2	-5.122035	mp-1066274
Pb4Pt2	-4.641023	mp-21318
Au4Hg	-2.618593	mp-1223945
Au3Hg	-2.453686	mp-1223936
AuHg3	-0.894528	mp-973055
Au6Hg2	-2.477572	mp-1184705
Au12Hg10	-1.904407	mp-1812
Au2Hg6	-0.929533	mp-973626
Au3TI	-2.937356	mp-1187508
AuTI3	-2.552989	mp-1187532
Au2TI4	-2.704551	mp-30571
Au2TI4	-2.691388	mp-755435
Au3TI	-2.965545	mp-978969
Au2TI6	-2.512154	mp-1080569
Au4Pb2	-3.491576	mp-19871

Au ₂ Pb ₄	-3.647249	mp-22795
Au ₄ Pb ₁₂	-3.665440	mp-30412
Au ₃ Pb	-3.355510	mp-982246
Au ₁₆ Pb ₈	-3.487822	mp-1190478
HgTl	-1.320211	mp-1216519
HgTl	-1.355690	mp-11473
Hg ₃ Tl	-0.855105	mp-11474
HgTl ₃	-1.839939	mp-972185
HgPb ₂	-2.543306	mp-1223969
HgPb ₄	-2.998745	mp-1224108
HgPb ₃	-2.828208	mp-1223984
Hg ₆ Pb ₂	-1.099989	mp-1184700
PbTl	-3.041442	mp-1216530
Pb ₂ Tl ₆	-2.688567	mp-983235