

Global Optimization of Platinum Clusters Using GPU Accelerated Deep Neural Network Fitting

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Supporting Information

I. Optima of Pt₉, TPSSh/TZVP, xyz coordinates

9
#3.28:septet:UNK = -1074.09631971
Pt 2.76897367 -1.44610151 -0.00053186
Pt -2.02523396 -1.18510040 1.29539772
Pt 0.54278033 -1.12537422 1.27640093
Pt -0.91444761 1.09367572 1.23780227
Pt 1.73564171 0.88667528 -0.00217371
Pt 0.54050134 -1.12925038 -1.27369367
Pt -2.02752935 -1.18555386 -1.29465758
Pt -0.91444520 1.09175246 -1.23748893
Pt 0.29375908 2.99927692 -0.00105517

9
#3.33:nonet:UNK = -1074.09314893
Pt -0.43592253 1.52975692 1.41367641
Pt -1.92151274 -2.09132838 -0.79272784
Pt 2.97229451 -0.83505874 -0.26997943
Pt -1.41014136 0.40081616 -0.97460970
Pt 1.34241782 1.10460815 -0.55273740
Pt 1.04844003 -0.67674925 1.48245408
Pt -1.58253049 -0.82249855 1.40438828
Pt 0.55228604 -1.42561086 -0.92662643
Pt -0.56533128 2.81606456 -0.78383797

9
#3.11:nonet:UNK = -1074.09252965
Pt 3.02755571 -0.76257105 -0.02984876
Pt -1.55069939 -1.11435306 1.37746833
Pt 0.69471842 -1.44373931 -0.85548754
Pt -0.52380403 2.83035678 -0.70865261
Pt 0.95342010 -0.39513922 1.49355512
Pt -1.27084970 0.41338495 -1.08463082
Pt -0.95350503 1.42045575 1.35804574
Pt -1.78334377 -2.08682585 -0.97897043
Pt 1.40650769 1.13843101 -0.57147903

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#3.7:septet:UNK = -1074.09166734

Pt	0.24324200	1.57935829	1.29973750
Pt	0.65518141	-1.48132830	-0.62338532
Pt	-0.73447856	-0.76041393	1.44793581
Pt	-1.62685006	-2.56512394	-0.20160328
Pt	-1.99251211	-0.02703894	-0.59164896
Pt	-1.60705645	2.47868376	-0.28631996
Pt	2.68556258	0.00877444	-1.14577585
Pt	2.03394653	-0.29707388	1.31945346
Pt	0.34296466	1.06416250	-1.21839340

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#3.62:nonet:UNK = -1074.09127395

Pt	-2.32444290	-2.03657145	-0.32601774
Pt	-0.44537709	-1.30019992	1.33582340
Pt	0.82673998	1.27999702	-1.10925677
Pt	-1.77877111	0.45771264	-0.11871953
Pt	0.23082811	1.24482655	1.39023381
Pt	-0.01423772	-1.24396311	-1.19841498
Pt	-1.01282692	2.89023029	-0.21270522
Pt	2.04345495	-0.60885231	1.39606486
Pt	2.47463269	-0.68317971	-1.15700783

9

#3.3:quintet:UNK = -1074.09110936

Pt	-2.13347436	-0.95030494	1.30201924
Pt	0.63323369	2.93401858	-0.02802764
Pt	0.37872383	-1.21264163	-1.24603190
Pt	2.58794890	-1.71649550	-0.02512234
Pt	-0.78412874	1.16478804	-1.23506815
Pt	0.42255206	-1.16095026	1.30267870
Pt	-2.16682060	-0.95276741	-1.30010686
Pt	1.84286403	0.69930711	-0.01649200
Pt	-0.78089880	1.19504601	1.24615095

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#3.5:quintet:UNK = -1074.09100633

Pt	2.87249976	-1.19956143	0.28087460
Pt	1.03738633	0.27457666	1.36740780
Pt	-1.78678650	-2.43644382	0.07132494
Pt	-0.66786248	2.23223364	1.23970740
Pt	-1.68167791	-0.18136563	-1.25273428
Pt	1.75943724	0.76031861	-1.04628220
Pt	-1.52168649	-0.15626722	1.23227342
Pt	-0.47003240	2.05252742	-1.30015510
Pt	0.45872245	-1.34601822	-0.59241658

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#3.57:singlet:UNK = -1074.09084876

Pt	-1.08697928	1.21659218	1.27234793
Pt	-2.05020269	-1.20733966	-1.23420973
Pt	-1.08735329	1.21751304	-1.27239537
Pt	-2.04997439	-1.20803031	1.23409647
Pt	0.50840851	-0.72199806	-1.26059462
Pt	2.20538221	0.65910991	0.00022531
Pt	0.50898421	-0.72256832	1.26139398

Pt	2.43599411	-1.92077079	-0.00117505
Pt	0.61574062	2.68749201	0.00031106
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#3.203:quintet:UNK = -1074.09040509			
Pt	0.47725193	-0.80444743	1.33431990
Pt	2.64611369	-1.66229946	0.17435333
Pt	-1.04984106	1.26326435	1.17776327
Pt	-2.10267509	-1.05506509	1.29517917
Pt	0.49936625	2.88160546	-0.11839902
Pt	-2.06238056	-1.18816870	-1.28364203
Pt	-0.83062584	1.02891383	-1.28693213
Pt	0.50115404	-1.22971994	-1.18863540
Pt	1.92163663	0.76591698	-0.10400709
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#3.0:triplet:UNK = -1074.09023710			
Pt	2.47791694	-1.87918856	-0.00043129
Pt	-1.11346317	1.20171393	-1.27055082
Pt	2.19353101	0.69196715	-0.00022920
Pt	0.52207458	-0.71737131	-1.26227430
Pt	-2.02913615	-1.23869553	1.23405509
Pt	0.56893636	2.69626640	-0.00062622
Pt	-1.11286298	1.20228695	1.27051968
Pt	-2.02994314	-1.23980974	-1.23340671
Pt	0.52294656	-0.71716930	1.26294380
9			
#3.11:triplet:UNK = -1074.08960999			
Pt	-2.27371181	0.00015715	-0.00001420
Pt	0.57739674	-1.77149376	0.84389344
Pt	-1.62793535	2.49022292	0.26487140
Pt	2.38630330	-0.04506392	-1.24425138
Pt	-0.19900712	-0.58971215	-1.32227681
Pt	-0.19864120	0.58992904	1.32251563
Pt	2.38642068	0.04441968	1.24414903
Pt	0.57776794	1.77143081	-0.84408861
Pt	-1.62859317	-2.48988976	-0.26479850
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#3.7:quintet:UNK = -1074.08917464			
Pt	0.73514565	-0.82939476	1.38912219
Pt	-1.18778052	0.97591029	1.21400524
Pt	3.00668953	-0.79691401	0.09256616
Pt	0.80719708	-1.32753034	-1.11499761
Pt	-1.02754817	0.85811660	-1.25244716
Pt	-0.29082509	3.02645683	-0.08749476
Pt	-1.72828325	-1.56928915	-1.30664878
Pt	-1.74975100	-1.49783097	1.27410632
Pt	1.43515577	1.16047551	-0.20821160
9			
#3.7:singlet:UNK = -1074.08899980			
Pt	0.58139748	-1.76127456	0.85063880
Pt	-1.62760029	-2.48889317	-0.25091467
Pt	-0.20356660	-0.58962060	-1.31725169
Pt	-1.62236953	2.49308073	0.24236173

Pt	-2.27774691	0.00292500	-0.00884047
Pt	2.37995490	0.07048022	1.24292169
Pt	0.59704520	1.76013414	-0.83656369
Pt	-0.21652133	0.59110460	1.32091011
Pt	2.38940708	-0.07793637	-1.24326181

9

#3.261:quintet:UNK = -1074.08877450

Pt	-1.78065207	-1.04116828	1.38730477
Pt	-1.05703913	1.40101593	1.32111046
Pt	-2.03255919	-1.63635260	-1.10004060
Pt	0.74657982	-0.44151562	1.37528471
Pt	2.13391646	0.81525744	-0.32661996
Pt	0.43692459	-0.89542254	-1.11375517
Pt	-1.36927115	0.84964352	-1.21535432
Pt	2.60272883	-1.68935083	0.09998603
Pt	0.31937182	2.63789299	-0.42791592

9

#3.154:quintet:UNK = -1074.08867461

Pt	-2.08852210	0.32587456	-0.13377481
Pt	0.19879742	0.88214899	-1.38380780
Pt	-1.19272343	2.72391893	-0.22443071
Pt	0.80646793	1.63498958	0.98919260
Pt	0.03717235	-1.70392290	-0.94307990
Pt	-2.13596708	-2.20280344	0.31761959
Pt	2.33864448	-0.60288757	-1.22588529
Pt	2.33755367	-0.42251026	1.24882391
Pt	-0.30142324	-0.63480789	1.35534240

9

#3.4:triplet:UNK = -1074.08865301

Pt	2.64388845	-1.57678146	0.28872184
Pt	1.13365487	0.23129325	1.31660343
Pt	1.81474712	0.49921947	-1.10495705
Pt	-1.72345219	0.03835894	-1.23851342
Pt	-2.10572655	-2.18987537	0.10477584
Pt	-1.45953643	0.01037750	1.25782629
Pt	-0.19063315	2.08186561	-1.32142056
Pt	-0.34978799	2.29607168	1.27120214
Pt	0.23684587	-1.39052961	-0.57423850

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#3.20:quintet:UNK = -1074.08851138

Pt	0.24746404	-1.67681298	1.09838562
Pt	-2.22940462	0.27392102	-0.27825013
Pt	-1.23690370	2.67623056	-0.10147234
Pt	-1.89958753	-2.28542327	-0.21866350
Pt	-0.11945337	-0.70851582	-1.26169399
Pt	2.21099607	0.03346299	1.24213812
Pt	0.98272374	1.48814903	-0.63585620
Pt	-0.42638855	0.73117180	1.41155199
Pt	2.47055392	-0.53218333	-1.25613957

9

#3.35:triplet:UNK = -1074.08822339

Pt	0.51137025	-1.00280443	1.38735002
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Pt	0.51564643	2.98353386	-0.08147871
Pt	-2.13599010	-1.03619759	-1.28170453
Pt	1.75466042	0.76580807	-0.16311308
Pt	-2.06941365	-0.98938286	1.29467207
Pt	2.65824803	-1.58546375	0.03401316
Pt	0.37563424	-1.44793356	-1.13039648
Pt	-0.86726564	1.23649164	1.20287278
Pt	-0.74288998	1.07594864	-1.26221522

9

#3.2:triplet:UNK = -1074.08816718

Pt	0.47669485	-1.12294265	1.27889140
Pt	2.65781991	-1.62471269	-0.00168151
Pt	0.47107805	2.96309555	-0.00468680
Pt	1.82658111	0.79485991	-0.00839181
Pt	-0.85916563	1.13954389	-1.24183149
Pt	-2.09313036	-1.07879436	-1.29918549
Pt	0.46656304	-1.14060125	-1.26651550
Pt	-2.08510155	-1.07769227	1.30115001
Pt	-0.86133942	1.14724388	1.24225121

9

#3.132:septet:UNK = -1074.08810956

Pt	-0.55245907	1.75585969	1.40222185
Pt	-0.05606750	2.53269964	-0.97618299
Pt	1.85844001	0.86035021	-0.60147319
Pt	-1.69572233	-0.57947658	1.37114051
Pt	2.77576593	-1.47203892	0.03089324
Pt	-2.05138711	-2.02680856	-0.69746496
Pt	0.90717319	-0.41046207	1.47313012
Pt	-1.56177452	0.47509611	-1.06451354
Pt	0.37603140	-1.13521951	-0.93775103

9

#3.77:singlet:UNK = -1074.08789078

Pt	0.69257298	2.94239649	-0.00390795
Pt	-0.73679394	1.20514342	1.24559588
Pt	-2.15745104	-0.89856983	-1.31020909
Pt	-2.15839986	-0.89559697	1.30959821
Pt	0.35613115	-1.22590903	-1.25571046
Pt	1.84509391	0.66933151	-0.00404399
Pt	-0.72951252	1.19684147	-1.24916452
Pt	2.52922159	-1.78413150	0.00388317
Pt	0.35913772	-1.20950557	1.26395874

9

#3.24:quintet:UNK = -1074.08774561

Pt	1.99070523	-0.40371144	1.32411300
Pt	-0.77592461	-0.75843022	1.44985337
Pt	0.43230423	1.09513098	-1.19774669
Pt	0.57134413	-1.49817904	-0.64829913
Pt	-1.96177000	0.06245654	-0.61578313
Pt	-1.74619419	-2.49235939	-0.22204707
Pt	0.28213395	1.55957036	1.33174732
Pt	2.68156489	-0.11587278	-1.12862608
Pt	-1.47416362	2.55139498	-0.29321159

9

#3.3:triplet:UNK = -1074.08771542

Pt	1.00275512	1.47513800	-0.62005083
Pt	-0.43374134	0.76935707	1.43107508
Pt	-1.21030097	2.68870551	-0.12697256
Pt	2.49176564	-0.54327165	-1.25115459
Pt	-1.92411282	-2.27273473	-0.24496155
Pt	-2.20541499	0.29032479	-0.30321170
Pt	2.19663989	-0.01756507	1.24581570
Pt	-0.09954368	-0.72143152	-1.25574038
Pt	0.18195314	-1.66852239	1.12520084

9

#3.288:singlet:UNK = -1074.08706009

Pt	1.18087873	0.19859668	1.31429619
Pt	-1.74343307	0.10941475	-1.21786142
Pt	-2.20369798	-2.10419839	0.12129194
Pt	-0.24731587	2.30125794	1.27401733
Pt	-1.41732528	0.04762180	1.27033618
Pt	2.58291614	-1.66935682	0.25937574
Pt	1.81120175	0.42840989	-1.12532122
Pt	-0.13067928	2.09142577	-1.31929126
Pt	0.16745486	-1.40317162	-0.57684347

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#3.55:quintet:UNK = -1074.08705927

Pt	0.23738485	2.94992978	-0.21377371
Pt	1.69114107	0.86883625	-0.45465732
Pt	-2.16778533	-1.32328942	-1.16251977
Pt	0.77757097	-0.59005796	1.42544299
Pt	-0.96870104	0.91681628	-1.23754979
Pt	0.38641396	-1.46002483	-0.98962890
Pt	-1.72706609	-1.19937465	1.35096182
Pt	-0.99048408	1.26567339	1.28772711
Pt	2.76152568	-1.42850884	-0.00600243

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#3.40:septet:UNK = -1074.08705032

Pt	-1.75577331	-0.51257888	1.39736662
Pt	-0.10568309	1.48434391	1.47920148
Pt	1.81089539	0.87259037	-0.42244802
Pt	-2.19755343	-1.77677721	-0.79914446
Pt	-1.57995611	0.71296588	-0.95352630
Pt	0.02811980	2.70068148	-0.74720214
Pt	2.70451988	-1.52262833	-0.28326329
Pt	0.25948098	-1.00256043	-1.08273629
Pt	0.83594989	-0.95603680	1.41175241

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#3.299:triplet:UNK = -1074.08704923

Pt	2.38747205	-0.44968563	-1.24806216
Pt	0.50085488	-1.67264292	0.97140847
Pt	-1.73012796	-2.40802547	-0.11675979
Pt	-0.20268195	-0.66374488	-1.28910990
Pt	0.82914130	1.58678359	-0.75232180
Pt	-2.29230551	0.12289974	-0.11741915

Pt	-1.44599287	2.57913023	-0.02236074
Pt	-0.33673957	0.67273129	1.34926942
Pt	2.29037962	0.23255405	1.22535565

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#3.58:quintet:UNK = -1074.08677126

Pt	-1.51567819	0.42500528	-1.13985022
Pt	0.08903919	2.41099739	-1.03266456
Pt	-2.02695467	-2.06672452	-0.66738918
Pt	-1.72498029	-0.54586998	1.33763929
Pt	-0.78770481	1.86715883	1.30807155
Pt	0.87185301	-0.09408346	1.43085139
Pt	2.01456841	0.74244662	-0.69018602
Pt	2.68038812	-1.55642016	0.31151623
Pt	0.39946922	-1.18251000	-0.85798849

9

#3.34:singlet:UNK = -1074.08642925

Pt	2.27135670	0.18876962	1.23114719
Pt	2.40981767	-0.45723452	-1.25868070
Pt	0.86120105	1.57004065	-0.72008613
Pt	-1.41234130	2.59923356	-0.04413325
Pt	-0.36047038	0.68984433	1.36448478
Pt	-0.17249024	-0.68033831	-1.28107420
Pt	0.44247762	-1.67358800	1.01202231
Pt	-1.76212841	-2.38729353	-0.14340748
Pt	-2.27742270	0.15056619	-0.16027251

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#3.39:septet:UNK = -1074.08641659

Pt	-1.28980593	1.21271513	1.35828649
Pt	-1.31088484	-2.38172894	-0.98108350
Pt	1.02180810	-1.33798815	-0.80215466
Pt	-1.31652818	-1.37457277	1.37104237
Pt	-1.05901546	2.64717573	-0.73338375
Pt	3.12556947	-0.13506621	0.04637237
Pt	1.15355826	1.34806354	-0.63378535
Pt	0.97374349	-0.13301007	1.49043150
Pt	-1.29844491	0.15441175	-1.11572548

9

#3.15:quintet:UNK = -1074.08630391

Pt	-0.11770231	-0.71072289	-1.17989149
Pt	-0.30019911	2.85532171	-0.11753719
Pt	1.51646134	1.15269705	-0.73556026
Pt	-2.46055596	-1.64861881	-0.48457854
Pt	-1.93708907	0.87566397	-0.49864592
Pt	-0.50081529	-1.68263879	1.18485420
Pt	1.82299665	-0.42810427	1.34068654
Pt	-0.42636201	0.84925011	1.50085351
Pt	2.40326576	-1.26284808	-1.01018085

9

#3.163:triplet:UNK = -1074.08627066

Pt	0.10160796	0.87301809	1.38989821
Pt	0.74624314	1.68890193	-0.95258219
Pt	0.14719784	-1.72126970	0.93528409

Pt	2.37867900	-0.29833442	-1.24527910
Pt	2.35471070	-0.46175213	1.23001790
Pt	-2.13994902	0.20069513	0.11273670
Pt	-0.25613109	-0.59808570	-1.33468000
Pt	-1.96963044	-2.32212386	-0.35036062
Pt	-1.36272809	2.63895066	0.21496502

9

#3.48:triplet:UNK = -1074.08592945

Pt	1.55851516	1.11238719	-0.74935178
Pt	-0.23253724	2.84980550	-0.14177784
Pt	-1.91615773	0.90934021	-0.51130187
Pt	-0.56541805	-1.65951671	1.20018519
Pt	2.38427390	-1.33385447	-0.98402873
Pt	-0.12205963	-0.71331261	-1.16734141
Pt	1.79835559	-0.44399108	1.34293814
Pt	-2.48863040	-1.60434712	-0.50340216
Pt	-0.41634159	0.88348910	1.51408047

9

#3.176:septet:UNK = -1074.08581008

Pt	0.34913223	-1.62841037	-0.55412961
Pt	-2.12119293	-2.18917816	-0.26712600
Pt	1.70635345	-0.41341898	1.37903458
Pt	2.74499916	-0.76929259	-0.93767903
Pt	-0.93505700	2.70328553	-0.65897077
Pt	-1.79412382	0.30155777	-0.76619888
Pt	-1.01723873	-0.63309319	1.50318620
Pt	0.84717843	0.93843107	-1.08490520
Pt	0.21994919	1.69011891	1.38678871

9

#3.8:septet:UNK = -1074.08534674

Pt	-1.49790352	0.20072233	-1.19118279
Pt	-1.79145844	-0.46622245	1.31358762
Pt	-0.46285235	1.68308254	1.41584630
Pt	-1.87001053	-2.27299374	-0.48959259
Pt	1.81076564	0.44911354	1.24882256
Pt	2.80930666	-1.26911064	-0.44959826
Pt	1.10512421	0.54300591	-1.21728373
Pt	-0.50196002	2.55939384	-1.00708440
Pt	0.39898836	-1.42699134	0.37648528

9

#3.43:triplet:UNK = -1074.08516054

Pt	0.72844936	-0.39719717	1.37906522
Pt	2.56097557	-1.73747172	0.16587429
Pt	0.37142243	2.61326688	-0.52312997
Pt	0.42169990	-0.94818503	-1.08415867
Pt	-1.35493508	0.81639698	-1.20555714
Pt	-1.00130201	1.48807705	1.30616034
Pt	-1.82237794	-0.93084124	1.38366490
Pt	2.14872320	0.76458827	-0.35717499
Pt	-2.05265541	-1.66863401	-1.06474399

9

#3.5:septet:UNK = -1074.08515144

Pt	-0.83097403	2.82193752	-0.58996864
Pt	1.02797860	-0.64148391	1.44871426
Pt	-1.50855583	-1.25368351	1.39843648
Pt	3.07829776	-0.41913244	-0.13020026
Pt	-1.59218295	-2.15094776	-1.01132334
Pt	0.81474765	-1.27822758	-1.02377355
Pt	-0.87452382	1.24417117	1.39472193
Pt	-1.35017605	0.37286257	-1.08722049
Pt	1.23538865	1.30450395	-0.39938640

9

#3.30:singlet:UNK = -1074.08463429

Pt	-1.02047904	1.53606637	1.29310733
Pt	0.44395364	-0.98226165	-1.06329001
Pt	2.60333720	-1.68400285	0.21585004
Pt	2.12875356	0.78569133	-0.38351424
Pt	-1.81765792	-0.90125017	1.37443353
Pt	0.73462836	-0.34534315	1.38819278
Pt	0.31622167	2.60050254	-0.60155939
Pt	-1.37606295	0.74873226	-1.19358707
Pt	-2.01269452	-1.75813467	-1.02963297

9

#3.51:septet:UNK = -1074.08457379

Pt	-1.97638450	-0.14828141	1.23339607
Pt	2.49154802	-1.78396801	-0.33305904
Pt	-0.25345331	1.71131079	1.40374670
Pt	0.03660334	2.61823181	-0.99251939
Pt	1.43237898	0.45207437	-1.15584866
Pt	-1.23683691	0.41158807	-1.20561471
Pt	1.74773338	0.06450921	1.35734195
Pt	0.05395497	-1.44511148	0.31753802
Pt	-2.29554397	-1.88035335	-0.62498093

9

#3.10:triplet:UNK = -1074.08448592

Pt	-0.69144912	2.95307685	-0.26273623
Pt	2.87626009	-0.63616126	-0.44275439
Pt	-2.01712642	-1.88356782	-0.91460156
Pt	1.17476081	1.23787712	-0.79901011
Pt	1.14877216	-1.12481848	1.40045232
Pt	0.48761836	-1.34269214	-1.08418757
Pt	0.00718326	1.18465024	1.47552740
Pt	-1.50752230	0.61188307	-0.76942559
Pt	-1.47849686	-1.00024758	1.39673573

9

#3.7:nonet:UNK = -1074.08440760

Pt	2.39903241	-1.76722257	-0.61167919
Pt	1.34880288	0.53666367	-1.11096330
Pt	-2.38829719	-1.77874004	-0.60947039
Pt	-1.36038432	0.53542332	-1.10821720
Pt	0.00500599	-1.41882270	0.24742670
Pt	-2.03513958	-0.13230451	1.32697180
Pt	2.03997572	-0.11991068	1.32319370
Pt	-0.00680894	2.70090160	-0.85442631

Pt	-0.00218697	1.44401190	1.39716420
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9

#3.32:singlet:UNK = -1074.08412385

Pt	1.83661920	-0.42644437	1.33892150
Pt	-0.40459302	0.86053279	1.50235980
Pt	-1.94660643	0.88249375	-0.48612910
Pt	-0.29139496	2.85230008	-0.12594641
Pt	-0.50277878	-1.68094842	1.18030891
Pt	-0.12923050	-0.70586252	-1.17942950
Pt	-2.46947898	-1.64568036	-0.47013149
Pt	1.52010557	1.14652651	-0.74652871
Pt	2.38735791	-1.28291747	-1.01342500

9

#3.143:quintet:UNK = -1074.08397239

Pt	-0.67340059	-1.49815312	1.34849310
Pt	1.74293821	-0.44339100	1.40019102
Pt	-0.20041841	2.99211090	-0.20610427
Pt	-0.08677047	-1.28946009	-1.14593470
Pt	-0.38791201	1.03360789	1.46951692
Pt	1.29179301	1.02689362	-0.81035667
Pt	-2.55705677	-1.46763962	-0.40966382
Pt	-1.59379489	0.87578269	-0.72770459
Pt	2.46462193	-1.22975127	-0.91843698

9

#3.27:septet:UNK = -1074.08379463

Pt	-1.86756764	-2.41195529	0.01504373
Pt	-0.04086110	1.93642563	1.36939918
Pt	1.75622210	0.10534153	1.34318089
Pt	2.83602975	-0.64935734	-0.84813171
Pt	0.58136910	-1.70046342	-0.20764339
Pt	-1.11024359	2.43756466	-0.89839831
Pt	-1.04832772	-0.40815892	1.42407741
Pt	0.70330782	0.69558676	-1.28548951
Pt	-1.80992872	-0.00498360	-0.91203829

9

#3.60:triplet:UNK = -1074.08378015

Pt	2.48078280	-0.00023039	-1.16565870
Pt	2.23781500	-0.00044104	1.43160360
Pt	0.13661176	-1.41182472	1.21459468
Pt	-1.79891151	-2.38690606	-0.26815884
Pt	0.29119595	1.27533283	-1.29544848
Pt	0.29107795	-1.27542097	-1.29535622
Pt	0.13702835	1.41212679	1.21439542
Pt	-1.79821959	2.38722534	-0.26803036
Pt	-1.97738070	0.00013822	0.43205890

9

#3.179:singlet:UNK = -1074.08362775

Pt	-0.84533262	2.79178156	-0.11700107
Pt	2.52998546	-0.79770683	-1.14394931
Pt	-0.16798509	-1.69885269	1.16389368
Pt	-2.17202411	-2.04212665	-0.40186552
Pt	1.22796769	1.39006434	-0.65338949

Pt	-0.42165994	0.83311092	1.48394331
Pt	2.02569679	-0.30666662	1.28598650
Pt	-0.07131323	-0.70514677	-1.21171791
Pt	-2.10533496	0.53554274	-0.40590019
9			
#3.126:quintet:UNK = -1074.08362519			
Pt	-0.28919750	-1.39531372	1.26873468
Pt	-0.64148168	1.07415957	1.53848163
Pt	1.41804358	1.16613341	-0.84189460
Pt	-2.24767692	-1.98564468	-0.30261190
Pt	-2.05116412	0.55501092	-0.56749576
Pt	-0.58653361	2.69339761	-0.39439344
Pt	2.52123847	-1.17086109	-0.87616636
Pt	-0.04626693	-0.83312808	-1.19025091
Pt	1.92303871	-0.10375393	1.36559667
9			
#3.150:triplet:UNK = -1074.08356278			
Pt	-1.58998033	-0.13959753	1.42451586
Pt	-1.70741696	0.13783786	-1.11890174
Pt	2.55642899	-1.40674647	-0.81444013
Pt	-0.65666969	2.48054133	-1.01362433
Pt	-2.04446985	-2.20387233	-0.10777724
Pt	2.14988339	0.28190615	1.08033635
Pt	0.11125673	1.80937542	1.34126849
Pt	0.85245556	0.45921218	-1.26202608
Pt	0.32851216	-1.41865660	0.47064882
9			
#3.104:quintet:UNK = -1074.08283250			
Pt	0.77732791	-1.05979233	1.37770727
Pt	-0.03980454	1.45469249	1.49116110
Pt	-2.21569563	-1.73110445	-0.81107250
Pt	2.67335468	-1.54698285	-0.28567986
Pt	0.06179375	2.72249040	-0.70739809
Pt	-1.56390189	0.74760744	-0.94372398
Pt	-1.76786818	-0.48185178	1.39686001
Pt	0.25669568	-0.97466960	-1.12203702
Pt	1.81809822	0.86961067	-0.39581693
9			
#3.13:triplet:UNK = -1074.08278204			
Pt	0.36827036	1.12887476	-1.20318958
Pt	-1.60272776	2.48129886	-0.27576641
Pt	-1.61544340	-2.56474974	-0.22970491
Pt	0.21778606	1.56556183	1.32442241
Pt	0.63898404	-1.48093330	-0.66045788
Pt	2.00982184	-0.32582380	1.31862464
Pt	-1.96174318	-0.02774700	-0.60708161
Pt	2.66762842	0.01846220	-1.13172616
Pt	-0.72257639	-0.79494381	1.46487950
9			
#3.11:septet:UNK = -1074.08268384			
Pt	-1.44796319	-0.51805097	1.51259163
Pt	2.59838982	-0.94568495	-1.14630089

Pt	-0.99688556	2.65202187	-0.67120023
Pt	0.45594243	-1.45038472	0.19374051
Pt	0.69041058	0.78682961	-1.15881366
Pt	2.27450660	0.07252941	1.19021743
Pt	-1.89480435	-2.33151106	-0.31756139
Pt	0.16021567	1.53844256	1.31671105
Pt	-1.83981201	0.19580825	-0.91938446

9

#3.72:singlet:UNK = -1074.08266475

Pt	-1.76273217	-0.57019807	1.33583662
Pt	-0.84455443	1.84169265	1.28951947
Pt	0.84204772	-0.09738681	1.42049500
Pt	0.42817882	-1.17185475	-0.87744053
Pt	2.02762197	0.76489638	-0.64609780
Pt	2.68752364	-1.54344503	0.34143833
Pt	-1.98281796	-2.07720252	-0.70136052
Pt	-1.49649003	0.42332850	-1.15414956
Pt	0.10122242	2.43016964	-1.00824102

9

#3.46:quintet:UNK = -1074.08258163

Pt	-0.00072246	-2.35711800	-0.00021169
Pt	-2.38224834	-1.48584543	0.51044722
Pt	0.30789909	-0.12025111	-1.23735900
Pt	2.18363612	0.54584995	1.02483039
Pt	2.38194186	-1.48708467	-0.51104370
Pt	-1.13618074	2.23899513	0.56180500
Pt	-0.30911030	-0.12131969	1.23680330
Pt	1.13915426	2.23847557	-0.56138751
Pt	-2.18436949	0.54829825	-1.02388399

9

#3.138:quintet:UNK = -1074.08256294

Pt	2.95746793	-0.70842051	-0.32241343
Pt	0.56618890	-1.48974191	-0.86368726
Pt	-1.50678585	-0.53375487	1.41525240
Pt	1.07802708	-0.63187571	1.46831894
Pt	-1.84080585	-2.26436701	-0.45467938
Pt	-0.08116979	1.67720261	1.41800408
Pt	-0.84325568	2.64425382	-0.80077334
Pt	-1.54524657	0.20834748	-1.03447412
Pt	1.21557984	1.09835610	-0.82554789

9

#3.99:triplet:UNK = -1074.08254091

Pt	-1.76117363	-0.55295481	1.33338349
Pt	-1.49481727	0.43957507	-1.15146092
Pt	2.03573224	0.74530892	-0.65300739
Pt	-0.81855803	1.84985305	1.29228278
Pt	2.66609643	-1.57109740	0.33739603
Pt	0.41289326	-1.17753551	-0.87404419
Pt	-2.00880918	-2.05801871	-0.69985360
Pt	0.84140398	-0.10484012	1.42388301
Pt	0.12723221	2.42970950	-1.00857921

9

#3.29:triplet:UNK = -1074.08241481

Pt	1.48093100	1.09058123	-0.86009059
Pt	-0.09836724	-0.83488141	-1.17971229
Pt	-2.36344682	-1.85924617	-0.31897051
Pt	-0.53037493	1.09497530	1.52714638
Pt	-0.43061375	2.72239088	-0.38658383
Pt	1.89806071	-0.17961363	1.36694303
Pt	-0.38095805	-1.40242870	1.28291801
Pt	-2.02033999	0.66890644	-0.54687663
Pt	2.44510907	-1.30068394	-0.88477356

9

#3.90:quintet:UNK = -1074.08221287

Pt	0.88968659	-0.41835335	1.46743430
Pt	0.38825274	-1.13130290	-0.95160000
Pt	-1.71082860	-0.57841738	1.36444049
Pt	-1.55271534	0.47442800	-1.07164942
Pt	-2.03032012	-2.03588622	-0.70771600
Pt	1.86282964	0.86878148	-0.58486631
Pt	-0.57382142	1.74761197	1.39906467
Pt	-0.04383135	2.54530338	-0.96825284
Pt	2.77074785	-1.47216497	0.05314511

9

#3.10:quintet:UNK = -1074.08170561

Pt	-1.11191602	2.32475344	-1.26338919
Pt	-1.45797815	-2.12545455	1.26285898
Pt	-1.55219342	0.12109087	-0.00004130
Pt	0.88011568	1.28399013	0.00036631
Pt	2.57141574	-0.20043289	-1.26168420
Pt	2.57134343	-0.20121931	1.26167150
Pt	-1.45841395	-2.12571993	-1.26289272
Pt	0.66985481	-1.40107989	-0.00043641
Pt	-1.11222812	2.32407212	1.26354701

9

#3.166:nonet:UNK = -1074.08160176

Pt	-1.90890670	-2.20690249	-0.55060185
Pt	0.76868387	0.82974023	-1.12075170
Pt	-1.65278958	-0.66015870	1.48594927
Pt	-0.87157481	2.73851676	-0.56541419
Pt	0.03079553	1.27978048	1.35448060
Pt	2.66252975	-0.89100069	-1.09520490
Pt	-1.79004661	0.34353692	-0.92104482
Pt	2.29340959	0.03491098	1.28087951
Pt	0.46789896	-1.46842349	0.13170808

9

#3.235:singlet:UNK = -1074.08151349

Pt	-1.67293539	-0.32047822	1.28089620
Pt	-0.84356735	2.11123179	1.27447480
Pt	0.34882282	-1.04013758	-0.00143410
Pt	1.23000717	1.26300454	0.00203140
Pt	2.58929121	-0.61157513	1.24112560
Pt	-1.67505979	-0.31886223	-1.27976140
Pt	2.58924351	-0.60848523	-1.24207430

Pt	-0.84221115	2.11135979	-1.27452390
Pt	-1.72359104	-2.58605773	-0.00073430
9			
#3.24:triplet:UNK	=	-1074.08143711	
Pt	2.19348487	0.54853865	-1.03532022
Pt	-1.11843786	2.21538118	-0.56857100
Pt	0.28537790	-0.13306230	1.25318119
Pt	1.12781435	2.20939622	0.57025379
Pt	-0.00501206	-2.33874540	-0.00007572
Pt	-0.28614811	-0.13041400	-1.25205721
Pt	2.37283442	-1.46764575	0.53407557
Pt	-2.37919268	-1.45897795	-0.53500981
Pt	-2.19072082	0.55552935	1.03352340
9			
#3.16:triplet:UNK	=	-1074.08125619	
Pt	-1.79360705	-2.54888350	-0.00336689
Pt	-1.68250848	-0.28291289	1.28367590
Pt	-0.77046990	2.13389385	-1.28917050
Pt	0.31238407	-1.05825388	-0.00145848
Pt	2.57479264	-0.66476575	1.23295984
Pt	-1.68266086	-0.27876060	-1.28238200
Pt	-0.77480282	2.13126236	1.28962360
Pt	2.57684316	-0.66126746	-1.23217726
Pt	1.24002924	1.22968787	0.00229582
9			
#3.16:quintet:UNK	=	-1074.08120578	
Pt	2.60473668	-0.56217173	-1.30180736
Pt	2.39233847	0.12735087	1.19126306
Pt	-1.42076042	2.48197008	-0.53824813
Pt	-1.30010488	-0.57659218	1.54194777
Pt	0.46770004	0.85573297	-1.22998525
Pt	-1.93619949	0.01248154	-0.79154632
Pt	0.21641734	1.50566877	1.26718246
Pt	-1.66156147	-2.47280245	-0.27744520
Pt	0.63743372	-1.37163786	0.13863898
9			
#3.91:singlet:UNK	=	-1074.08112380	
Pt	-2.44656118	-1.36790648	0.50874416
Pt	-2.14808801	0.66019604	-1.03478393
Pt	-0.32118683	-0.12962733	1.23742939
Pt	-0.11139115	-2.35846941	-0.01267972
Pt	0.28525541	-0.13615660	-1.23714440
Pt	1.24786214	2.17681822	-0.57791077
Pt	2.31211513	-1.56971915	-0.50307728
Pt	2.18554966	0.45578274	1.02859833
Pt	-1.00355518	2.26908196	0.59082420
9			
#3.131:triplet:UNK	=	-1074.08102085	
Pt	-0.46483342	1.41965017	1.50807892
Pt	-0.08353357	-1.00406460	-1.09032740
Pt	-0.09179933	2.67024439	-0.65543687
Pt	1.64128300	0.81143582	-0.94968258

Pt	-2.51508196	-1.70351595	-0.38140731
Pt	2.40398204	-1.62951907	-0.58233769
Pt	-0.72096618	-1.13627303	1.37685160
Pt	-1.83487440	0.75697047	-0.64329879
Pt	1.66582381	-0.18492820	1.41756012

9

#3.72:septet:UNK = -1074.08092107

Pt	0.91016227	-0.15023055	1.76275028
Pt	-1.64216067	0.15330098	-1.79391878
Pt	2.92827880	-0.00008482	0.00018205
Pt	0.91022528	-1.76275076	-0.15022252
Pt	0.91024333	0.15018355	-1.76272484
Pt	-1.64236352	-1.79408074	-0.15335006
Pt	-1.64250873	-0.15326182	1.79391806
Pt	0.91029632	1.76274106	0.15015607
Pt	-1.64217308	1.79418310	0.15320974

9

#3.58:septet:UNK = -1074.08081488

Pt	2.64498971	-0.26887950	-1.31409505
Pt	-1.59931868	-2.42754235	-0.48879433
Pt	2.41309306	-0.03472027	1.26254365
Pt	-1.43287962	2.55366445	-0.25311746
Pt	0.18357410	1.25008430	1.32248908
Pt	-1.30948997	-0.84201675	1.51493636
Pt	-2.00882489	0.11456426	-0.77757606
Pt	0.41050465	1.00494508	-1.20930841
Pt	0.69835165	-1.35009922	-0.05707778

9

#3.46:septet:UNK = -1074.08037323

Pt	0.15017161	0.70328500	-1.40345780
Pt	2.18044149	-0.67780313	1.24524979
Pt	2.13264317	-0.96446584	-1.34330461
Pt	-1.92075646	1.66566675	-0.20296940
Pt	-0.00038553	-1.47023349	0.00679801
Pt	1.92169374	1.66722977	0.18795368
Pt	-0.14988468	0.71638282	1.39745560
Pt	-2.18047762	-0.68928285	-1.23963198
Pt	-2.13344571	-0.95077904	1.35190672

9

#3.53:triplet:UNK = -1074.08033075

Pt	-1.16060641	-2.42590277	-0.99775188
Pt	-1.16282387	2.61768964	-0.75288314
Pt	1.11706804	-1.26151795	-0.88163890
Pt	3.11999250	0.01532051	0.11204649
Pt	1.10257208	1.42198886	-0.53852033
Pt	-1.28161509	0.10360145	-1.10815581
Pt	-1.29336705	1.19128548	1.34188998
Pt	-1.37645828	-1.40602261	1.35449321
Pt	0.93523807	-0.25644260	1.47052039

9

#3.109:septet:UNK = -1074.07984601

Pt	-1.99772602	-0.77958475	1.45104512
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Pt	-2.18938300	-0.82992355	-1.14589458
Pt	2.05818248	1.65349261	-0.06255475
Pt	2.14868330	-1.02061804	-1.24421354
Pt	0.07883740	0.54502635	-1.32136162
Pt	-0.11266072	0.96491455	1.22776086
Pt	-2.06221972	1.63430408	-0.33929778
Pt	0.01734120	-1.62343160	0.10709486
Pt	2.05894508	-0.54417964	1.32742144

9

#3.230:triplet:UNK = -1074.07944580

Pt	0.24183946	2.74483581	-0.38496981
Pt	-2.46882749	-1.43926522	-0.85743850
Pt	0.07457660	-0.92632609	-0.99391010
Pt	2.49762451	-1.70996186	-0.45606329
Pt	1.88582688	0.80130003	-0.69577770
Pt	-1.56772182	0.98248879	-0.89262240
Pt	1.25758309	-0.44613077	1.42925690
Pt	-0.68609083	1.28380661	1.50504270
Pt	-1.23481040	-1.29074730	1.34648220

9

#3.26:singlet:UNK = -1074.07928774

Pt	0.94934342	1.13747692	-1.13500732
Pt	0.04974569	-1.56754780	-0.73797359
Pt	-1.01006892	-0.60004093	1.47126271
Pt	1.68177004	-1.01999086	1.34198229
Pt	-1.64870779	0.56576887	-0.71925759
Pt	-0.71510750	2.87850630	-0.22845111
Pt	0.61725292	1.36171499	1.39173749
Pt	-2.42753216	-1.85708073	-0.32457647
Pt	2.50330430	-0.89880677	-1.05971642

9

#3.136:septet:UNK = -1074.07924072

Pt	2.55035315	-1.39738314	0.86087833
Pt	-1.90910773	-2.18134807	-0.59260835
Pt	0.65885887	0.27791518	1.36673591
Pt	0.32529534	2.11632300	-1.04276318
Pt	-1.84482694	-0.41526918	1.22822616
Pt	2.32098171	0.51470987	-0.82828865
Pt	-1.17777470	2.07353361	1.02669690
Pt	0.49799918	-1.24812510	-0.70896150
Pt	-1.42177888	0.25964383	-1.30991562

9

#3.20:septet:UNK = -1074.07917654

Pt	2.21666296	-0.80038833	1.33559661
Pt	-1.65616752	-0.52645668	1.40848999
Pt	-0.96789190	2.73463107	-0.02249781
Pt	0.41348748	1.01942529	1.37725370
Pt	2.49050989	-0.64515835	-1.20787489
Pt	0.27441863	-1.46389001	-0.19576260
Pt	0.91027771	1.35456625	-1.08706710
Pt	-2.17509761	-2.06846895	-0.61321261
Pt	-1.50619965	0.39573971	-0.99492531

9

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#3.48:nonet:UNK = -1074.07917202
Pt      1.13027919      1.41582647      -0.00636121
Pt      -1.10152177     -1.94664849       0.01088470
Pt      -1.47402122     -0.70919318     -2.18037937
Pt      -0.73563983      3.10965714     -0.01048594
Pt      -1.39525616      0.73525039     -0.00579195
Pt       0.98044368     -0.81459316      1.35273056
Pt       3.08829491     -0.28227629     -0.00097819
Pt      -1.47078601     -0.68154685      2.18696533
Pt       0.97820721     -0.82647602     -1.34658394
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9

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#3.8:nonet:UNK = -1074.07872944
Pt      -2.08058497     -1.51598360     -0.71857270
Pt       2.12511003     -1.30656939     -0.79052907
Pt      -2.23679038     -0.00390149      1.39012301
Pt       0.01430872      1.31223789      0.80923229
Pt       0.01528562     -1.31839331      0.80295973
Pt       2.22500192     -0.00374670      1.48271921
Pt      -0.10598978      0.00499450     -1.48216349
Pt       2.12603122      1.31164611     -0.78325661
Pt      -2.08237238      1.51971599     -0.71051238
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9

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#3.124:quintet:UNK = -1074.07835622
Pt       0.15352442     -1.62159449     -0.97770130
Pt       0.49695917      0.89267392     -1.45935968
Pt      -2.39402762      0.27189055      0.14067022
Pt       2.26888010     -0.29396837      1.41761351
Pt      -1.33624026      2.45963028     -0.46404337
Pt      -2.09925307     -2.21207194      0.13300730
Pt       2.54340470     -0.63677314     -1.01356910
Pt      -0.33596570     -0.56273682      1.28011601
Pt       0.70271826      1.70295001      0.94326642
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9

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#3.28:nonet:UNK = -1074.07811446
Pt       2.20767729     -0.23402022     -1.20604673
Pt      -2.18457323     -1.64535086     -0.95677689
Pt      -2.01474739     -0.40242446      1.29012781
Pt       2.42938890     -1.10280232      1.20025707
Pt      -0.74103491      0.44891402     -1.46430781
Pt      -1.52940797      1.97847483      0.47568310
Pt       0.24443528     -1.57185269     -0.13030851
Pt       1.14337242      2.01611669     -0.60417753
Pt       0.44488962      0.51294501      1.39554948
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9

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#3.50:septet:UNK = -1074.07808802
Pt       0.00175010      1.01903780      1.04051793
Pt      -2.08262370      1.59419253     -0.36866297
Pt       1.96968330     -1.19088255     -1.07267832
Pt       2.20978780     -0.34706381      1.39693870
Pt       0.00320680     -1.54009199      0.54230846
Pt      -1.96663810     -1.20738445     -1.06954813
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Pt	-2.21285020	-0.34553601	1.38729579
Pt	2.08482050	1.58279983	-0.37870316
Pt	-0.00713650	0.43492866	-1.47746829

9

#3.69:quintet:UNK = -1074.07800089

Pt	0.01168899	2.57856908	-1.86432390
Pt	2.54740270	-0.01345922	1.57471368
Pt	-1.37297291	-1.25678658	-0.28608379
Pt	1.36062398	-1.26594184	-0.29095701
Pt	1.37266749	1.25684346	-0.28658661
Pt	-2.54657519	0.01347890	1.57571672
Pt	-1.36064041	1.26589121	-0.29043099
Pt	0.00044990	-0.00026491	1.73259680
Pt	-0.01264454	-2.57833011	-1.86464490

9

#3.71:nonet:UNK = -1074.07775343

Pt	-0.82353995	0.63300684	-1.38899609
Pt	-1.32683501	1.83665236	0.86122759
Pt	-1.88890828	-0.62305127	1.34924704
Pt	0.87042746	2.38464765	-0.42141592
Pt	-2.24959013	-1.48230343	-1.05922705
Pt	2.47916927	-1.51257304	0.81085995
Pt	2.09594078	0.20307670	-1.03998208
Pt	0.59458828	0.15459547	1.38770532
Pt	0.24874757	-1.59405128	-0.49941875

9

#3.19:triplet:UNK = -1074.07773749

Pt	0.02854299	-1.52994761	0.00012058
Pt	-0.05032351	2.52568231	-1.28823267
Pt	1.34246840	0.81286108	-0.00000441
Pt	-2.23594909	-1.31535342	1.25214541
Pt	-1.37340540	0.76016869	-0.00014447
Pt	2.28686088	-1.23144020	-1.25007265
Pt	-0.04978597	2.52595467	1.28818183
Pt	-2.23557312	-1.31599529	-1.25192849
Pt	2.28716481	-1.23193024	1.24993485

9

#3.38:nonet:UNK = -1074.07769570

Pt	2.53365520	-1.07546022	1.08511112
Pt	-1.76050736	1.69793026	0.83381913
Pt	0.63015459	-1.07832077	-0.71933676
Pt	-1.38547379	0.65688520	-1.52030274
Pt	-1.94299999	-0.82847146	1.27421207
Pt	2.72072841	0.42651631	-0.98167658
Pt	0.37624233	0.20702399	1.53141452
Pt	-1.80737832	-1.82545272	-1.06081089
Pt	0.63557893	1.81934941	-0.44242988

9

#3.17:triplet:UNK = -1074.07744309

Pt	2.59032718	-0.59880723	-1.29776971
Pt	-1.31307953	-0.56861370	1.54666678
Pt	0.61785756	-1.38313231	0.15051057

Pt	-1.38998986	2.49530524	-0.54678498
Pt	0.48441951	0.85993011	-1.22624440
Pt	2.39182699	0.11877533	1.18215550
Pt	-1.68739006	-2.45686416	-0.28047125
Pt	-1.91779051	0.02897395	-0.80646712
Pt	0.22381872	1.50443278	1.27840461

9

#3.96:singlet:UNK = -1074.07731511

Pt	0.27096692	-1.42127574	1.25990805
Pt	0.78240248	1.52399471	-0.11013705
Pt	2.42384900	0.08468637	-1.38527950
Pt	2.39805500	0.00652939	1.19143360
Pt	-1.88465680	0.07112000	-0.69624340
Pt	-1.52032593	2.58955820	-0.36101831
Pt	-1.71216548	-2.40326541	-0.12240508
Pt	-0.99964791	0.77584134	1.51413403
Pt	0.24152271	-1.22718886	-1.29039234

9

#3.66:septet:UNK = -1074.07730456

Pt	0.77833793	1.48713042	0.87461290
Pt	-2.31800491	0.05494029	0.04575612
Pt	2.28380764	0.61854509	-1.16027091
Pt	-0.32893588	-0.84054369	1.41427170
Pt	0.68999735	-1.52395057	-0.86060791
Pt	-1.48463179	2.55628152	0.14957762
Pt	2.34229084	-0.66293582	1.07313198
Pt	-1.61472693	-2.44121467	-0.24298110
Pt	-0.34813425	0.75174742	-1.29349040

9

#3.34:triplet:UNK = -1074.07714098

Pt	-1.44311092	0.56651260	1.22617534
Pt	-1.23565491	2.83781105	0.00601691
Pt	-1.45854823	0.57140398	-1.22852566
Pt	0.81396955	1.32955313	-0.01573265
Pt	0.74139285	-1.27837977	0.00706277
Pt	-1.33842313	-1.96467111	-1.29550235
Pt	2.62905601	-0.03531994	1.25358570
Pt	-1.34224641	-1.96799520	1.29799825
Pt	2.63356520	-0.05891475	-1.25107831

9

#3.248:triplet:UNK = -1074.07700252

Pt	0.29590844	-1.41854390	1.28580430
Pt	2.31458552	0.16507759	1.21541067
Pt	0.72981108	1.55499846	-0.27651874
Pt	2.45615779	0.01108715	-1.34300453
Pt	0.25761502	-1.24094643	-1.26868330
Pt	-1.88384011	0.01436919	-0.64836249
Pt	-0.90202224	0.82363037	1.51704999
Pt	-1.65665113	-2.45844451	-0.09614166
Pt	-1.61156437	2.54877208	-0.38555423

9

#3.33:triplet:UNK = -1074.07689337

Pt	-1.88329889	0.02694148	-0.71758452
Pt	-1.57258160	2.55069338	-0.38031301
Pt	0.28600692	-1.20490402	-1.28422360
Pt	0.28674278	-1.40123283	1.27032810
Pt	0.73912380	1.52430018	-0.05130209
Pt	-1.06716072	0.75722847	1.51510179
Pt	2.44010612	0.16350508	-1.38219587
Pt	-1.65182300	-2.44085302	-0.14356633
Pt	2.42288459	0.02432127	1.17375553

9

#3.60:singlet:UNK = -1074.07678527

Pt	-1.43879526	-2.13431510	-1.26380251
Pt	0.68180145	-1.39571865	-0.00021090
Pt	-1.12979347	2.31158670	1.26431170
Pt	-1.12950996	2.31084350	-1.26486010
Pt	2.56894432	-0.17920497	1.26337100
Pt	2.56975083	-0.18086187	-1.26275980
Pt	-1.55565120	0.10748701	-0.00014930
Pt	0.87118065	1.29368197	-0.00068010
Pt	-1.43792736	-2.13349860	1.26477999

9

#3.269:singlet:UNK = -1074.07662440

Pt	-1.38538682	-0.52130783	1.52235157
Pt	0.60370451	-1.39186491	0.26791290
Pt	-1.30604201	2.48017659	-0.71509050
Pt	-1.86870958	-0.00130582	-0.90110063
Pt	2.33420018	0.28135440	1.13390114
Pt	2.62702993	-0.78096438	-1.18972596
Pt	0.08451067	1.60233388	1.27899762
Pt	0.59095871	0.79732760	-1.16574488
Pt	-1.68026558	-2.46574952	-0.23150125

9

#3.127:septet:UNK = -1074.07643165

Pt	-0.59108690	2.53002892	-0.53261910
Pt	0.04032629	1.37988219	1.65175134
Pt	-0.34328282	-1.12675590	1.46942146
Pt	-0.23681866	-0.97050301	-1.07147595
Pt	2.31757902	-1.43729512	-1.01118588
Pt	2.08257962	-0.12477402	1.18055196
Pt	1.35663952	0.95373652	-1.09976977
Pt	-2.45444738	-1.78487577	0.09827143
Pt	-2.17148869	0.58055619	-0.68494548

9

#3.135:septet:UNK = -1074.07639601

Pt	1.42250662	-2.13483306	-0.36760923
Pt	0.01023431	-0.14470331	1.34611890
Pt	2.52439681	-0.17559182	0.82557449
Pt	-0.13985648	2.32676320	0.65686433
Pt	0.01022220	-0.19864309	-1.23779470
Pt	-1.17758549	-2.26418245	-0.32095432
Pt	-2.48827240	-0.41596630	0.83009371
Pt	-1.93111093	1.40879779	-0.88698968

Pt	1.76946538	1.59835903	-0.84530349
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9

#3.243:septet:UNK = -1074.07633839

Pt	-1.58332477	2.25283312	0.02615146
Pt	0.72428281	1.60110797	-1.03908135
Pt	2.20447091	-0.65386909	1.45867009
Pt	-1.13513642	-0.09842792	-1.40418968
Pt	2.59634189	-0.12257816	-1.02986573
Pt	-1.87691489	-0.15833435	1.07993603
Pt	-1.84661643	-2.34100418	-0.21468382
Pt	0.59060188	-1.54483941	-0.29361567
Pt	0.32629503	1.06511203	1.41667867

9

#3.94:quintet:UNK = -1074.07618683

Pt	-1.33455488	1.02146211	1.31514210
Pt	2.58873831	-0.22449253	-1.23793010
Pt	-1.56686790	-1.54639479	1.34640750
Pt	-1.81097031	-1.88377858	-1.21844970
Pt	1.00653552	1.17727399	0.32884940
Pt	-1.19918108	0.59565602	-1.20895680
Pt	-0.65597336	2.95306361	-0.31153729
Pt	2.52302371	-0.71534593	1.17398639
Pt	0.44925000	-1.37744390	-0.18751150

9

#3.172:singlet:UNK = -1074.07615912

Pt	1.90264567	1.23959754	-0.31439942
Pt	-2.83818332	0.03230376	-0.86209699
Pt	-1.15226471	0.57955369	1.19843950
Pt	-1.93149058	-1.82214302	0.54127970
Pt	2.88926721	-1.14489154	-0.48613373
Pt	-0.14034886	2.75855761	0.17982589
Pt	0.40519342	-1.80105698	-0.50133871
Pt	-0.36348383	0.55765850	-1.19990691
Pt	1.22866500	-0.39957957	1.44433068

9

#3.17:septet:UNK = -1074.07609762

Pt	0.04729128	0.20056509	1.27270959
Pt	2.04207084	1.55014736	-0.54587439
Pt	-0.26684119	2.61378049	-0.05491908
Pt	-2.35051829	-0.92191196	-0.83573732
Pt	1.17197895	-2.04913886	-0.79147334
Pt	-0.82395495	-2.18860813	0.77163836
Pt	2.48471351	-0.56468164	0.80975948
Pt	-2.26288434	1.16445133	0.63006190
Pt	-0.04185582	0.19539631	-1.25616521

9

#3.176:nonet:UNK = -1074.07605815

Pt	0.94723682	2.35569243	-0.61490169
Pt	-0.90935640	0.64604224	-1.29758031
Pt	2.38934578	-1.69775100	0.63849806
Pt	-1.68893269	-0.51150018	1.38032828
Pt	1.92129123	0.04064377	-1.15308726

Pt	-1.06529799	1.95068775	0.97252078
Pt	0.86537338	0.24122794	1.37976352
Pt	-2.47578951	-1.35988533	-0.91763472
Pt	0.01612939	-1.66515761	-0.38790668

9

#3.12:nonet:UNK = -1074.07599794

Pt	-1.27255313	2.04607238	0.70776740
Pt	-2.37079397	-1.47654906	-0.97488166
Pt	1.23581506	2.04624232	-0.72234463
Pt	2.38674315	-1.42958334	0.99990959
Pt	-1.93620557	-0.34975363	1.28661852
Pt	1.96373161	-0.33580887	-1.27954652
Pt	0.01808925	-1.59595750	-0.01411739
Pt	-0.78442361	0.54046477	-1.36155610
Pt	0.75959721	0.55487293	1.35815079

9

#3.192:singlet:UNK = -1074.07594789

Pt	-0.00049836	0.00412708	1.77747939
Pt	-1.23705344	1.36477473	-0.30854103
Pt	2.64115436	-0.04676642	-1.84495530
Pt	1.23731368	-1.36788468	-0.30446729
Pt	1.29117504	1.32333408	-0.29600092
Pt	-0.03920429	-2.52391031	1.56333081
Pt	-1.29101399	-1.32587464	-0.29509290
Pt	0.03745719	2.53060064	1.55455556
Pt	-2.63933018	0.04159952	-1.84630833

9

#3.137:nonet:UNK = -1074.07579714

Pt	-2.20685409	0.05897224	-0.45063721
Pt	-0.08030276	1.66856777	1.33680135
Pt	2.94273482	-0.35307532	-0.90535763
Pt	-1.72808993	-2.41262635	-0.44287314
Pt	-0.82677030	-0.84572296	1.51310520
Pt	0.64867455	-1.47879869	-0.57384759
Pt	-1.35168715	2.41147577	-0.76685656
Pt	1.79726538	-0.11312169	1.37593525
Pt	0.80502949	1.06432923	-1.08626965

9

#3.39:quintet:UNK = -1074.07578206

Pt	0.85826756	1.36664414	-1.09021600
Pt	-2.08679071	-2.12157498	-0.65159284
Pt	-1.61561059	-0.63313697	1.41653497
Pt	0.36025414	1.03929001	1.38152610
Pt	-1.03053721	2.73525376	-0.02842152
Pt	-1.54623250	0.38497774	-0.95560583
Pt	0.33432236	-1.45146209	-0.19600471
Pt	2.50651654	-0.58634040	-1.21828478
Pt	2.21981041	-0.73365121	1.34206462

9

#3.92:septet:UNK = -1074.07561991

Pt	-1.92691250	-0.67933247	1.28924542
Pt	-1.18066630	0.55651291	-1.47726188

Pt	-1.95105251	-1.87115369	-0.95314717
Pt	-1.66218189	1.81134202	0.75893311
Pt	2.60240760	0.30552540	-0.91348588
Pt	2.42209759	-1.28796279	1.09067283
Pt	0.43730340	0.30113252	1.43031832
Pt	0.51580080	-1.13809269	-0.71523617
Pt	0.74320381	2.00202881	-0.51003859

9

#3.61:triplet:UNK = -1074.07560438

Pt	2.57837884	-0.15682796	-1.27309706
Pt	-1.27620973	0.65408891	-1.20397300
Pt	1.02477881	1.15351660	0.38219993
Pt	-1.54723676	-1.61265243	1.33124799
Pt	0.46570393	-1.34569235	-0.21876959
Pt	2.57817446	-0.75066007	1.12321654
Pt	-1.82066542	-1.82352874	-1.23247872
Pt	-1.34838768	0.94457719	1.31048340
Pt	-0.65453644	2.93717886	-0.21882949

9

#3.91:nonet:UNK = -1074.07558364

Pt	0.45575461	-1.03340922	-1.24589964
Pt	-1.62065172	0.11144416	1.32876330
Pt	2.73346202	0.10983966	-1.19903604
Pt	2.42050968	0.30615853	1.34373155
Pt	0.46469647	-1.33683156	1.28723636
Pt	-1.81313608	0.24035939	-1.27958771
Pt	-1.64994468	2.36453123	0.14614694
Pt	-1.68319181	-2.14523138	-0.14028475
Pt	0.69250151	1.38313920	-0.24107000

9

#3.181:septet:UNK = -1074.07548569

Pt	-1.99939399	-0.18705475	1.02179129
Pt	2.53437162	-0.73875804	1.34570471
Pt	-1.77709773	-2.37202294	-0.21570601
Pt	-1.55080945	2.26569886	0.46947709
Pt	0.61852854	-1.34040599	-0.29632150
Pt	2.52665291	0.13011376	-1.08852229
Pt	0.49057998	1.68637601	-1.05968220
Pt	-1.25606308	-0.14370633	-1.49984431
Pt	0.41323119	0.69975941	1.32310320

9

#3.200:septet:UNK = -1074.07541096

Pt	2.41022437	-0.39084923	-1.34112362
Pt	-1.62892331	-0.87775608	1.45687382
Pt	0.26709291	0.95443820	1.28583869
Pt	2.55687480	-0.19134792	1.23874658
Pt	-1.31630719	2.61634171	0.04093520
Pt	0.59677118	-1.40755650	0.11308050
Pt	0.53409629	1.33828869	-1.20636451
Pt	-1.64141904	-2.29970789	-0.71968397
Pt	-1.77841002	0.25814901	-0.86830269

9

#3.47:quintet:UNK = -1074.07525415

Pt	-1.30922992	-0.96154201	1.46694869
Pt	-1.83492460	0.14281810	-0.80744959
Pt	0.39025532	1.40230505	-1.20102178
Pt	0.24559535	1.10302259	1.29407082
Pt	0.69807591	-1.50696086	-0.04542893
Pt	-1.53074945	2.54495620	0.07241555
Pt	2.43856351	-0.13041702	-1.32871651
Pt	-1.58836184	-2.42998569	-0.63853824
Pt	2.49077573	-0.16419636	1.18771999

9

#3.80:nonet:UNK = -1074.07519897

Pt	-1.44139287	2.30735044	0.19099478
Pt	2.53060782	-0.61428322	1.31990312
Pt	0.84415347	1.64913491	-1.08160300
Pt	-1.98865369	-0.15578287	1.11344538
Pt	-1.18575058	0.07806325	-1.31906011
Pt	0.40413366	-1.45099860	0.09909631
Pt	2.38319993	-0.39781424	-1.23643578
Pt	-1.97131201	-2.25641178	-0.42426131
Pt	0.42501427	0.84074211	1.33792060

9

#3.14:nonet:UNK = -1074.07516162

Pt	-0.99687503	0.01319835	1.70432829
Pt	-1.71964312	2.00151744	0.28562925
Pt	1.57605957	0.02037266	1.72984191
Pt	2.84788669	-0.00171103	-0.52160337
Pt	-1.71663471	-1.99868196	0.31519712
Pt	0.78325709	1.62891435	-0.13036005
Pt	-2.01197370	-0.00941840	-1.27707862
Pt	0.78933859	-1.63153844	-0.09464304
Pt	0.44858461	-0.02265296	-2.01131149

9

#3.88:septet:UNK = -1074.07510401

Pt	-0.00411268	3.18827501	-0.00076364
Pt	2.70930290	-1.00989202	0.98009064
Pt	-2.70661858	-1.01887546	-0.97765871
Pt	0.19058370	-1.09898027	1.26432272
Pt	1.28902496	1.09115104	0.31347920
Pt	-1.29329473	1.08847398	-0.31922593
Pt	2.27144251	-0.56984206	-1.45224027
Pt	-0.18755028	-1.10177591	-1.26133889
Pt	-2.26877781	-0.56853432	1.45333489

9

#3.158:quintet:UNK = -1074.07509500

Pt	-0.13252218	0.55188793	-1.46315782
Pt	-0.00066289	-1.46010692	0.17603974
Pt	-1.93265361	1.67123956	-0.00910858
Pt	-2.18806101	-0.54585090	1.30663379
Pt	0.13086498	0.87307762	1.31592768
Pt	-2.13142978	-1.08892537	-1.23469210
Pt	1.95068309	1.60978248	-0.35473492

Pt	2.14024079	-0.77394227	1.43765185
Pt	2.16354062	-0.83716214	-1.17455965
9			
#3.13:nonet:UNK = -1074.07505011			
Pt	-1.70555343	-2.24815126	-0.36003269
Pt	0.80595612	1.74293083	0.01119280
Pt	-1.70535080	2.24880174	-0.36043267
Pt	2.65037410	-0.00032880	0.97764967
Pt	2.01797827	0.00152819	-1.53461412
Pt	0.10907601	-0.00225471	1.74644160
Pt	-0.67209862	-0.00001492	-1.25549319
Pt	0.80600486	-1.74301747	0.00698678
Pt	-2.30638650	0.00050641	0.76830183
9			
#3.205:triplet:UNK = -1074.07500989			
Pt	-1.74791160	-2.20448327	-0.78701972
Pt	2.54318600	-0.27817290	1.23489783
Pt	-1.73407101	0.34632273	-0.75807892
Pt	2.37275554	-0.55723210	-1.34153437
Pt	0.50297005	-1.38088668	0.15625301
Pt	-1.18327971	2.69793395	-0.02857541
Pt	0.32753204	1.01294971	1.30613680
Pt	-1.68838948	-0.91973747	1.44632208
Pt	0.60720816	1.28330602	-1.22840129
9			
#3.44:quintet:UNK = -1074.07497369			
Pt	-2.50719578	-0.32532406	0.83700108
Pt	1.86898551	1.51274432	-0.84177398
Pt	0.00018341	-0.13818093	1.34893759
Pt	2.50955132	-0.29940887	0.83822378
Pt	-0.01520513	2.34642329	0.62392723
Pt	-1.88562259	1.49148341	-0.84696918
Pt	0.00171361	-0.18772048	-1.25640111
Pt	-1.28305087	-2.20676727	-0.34848415
Pt	1.31064053	-2.19324942	-0.35446125
9			
#3.68:quintet:UNK = -1074.07497336			
Pt	2.36684531	-0.52180979	-1.34622620
Pt	0.38722000	1.01694507	1.27409231
Pt	0.48761119	-1.38781171	0.13631267
Pt	0.57927412	1.29115092	-1.25516638
Pt	-1.68716882	-0.94843641	1.44956036
Pt	-1.73709249	0.36986903	-0.73150742
Pt	-1.16867248	2.70431691	0.04662053
Pt	2.54602079	-0.34843035	1.23593501
Pt	-1.77403761	-2.17579367	-0.80962087
9			
#3.189:quintet:UNK = -1074.07483864			
Pt	2.45434603	-0.52335204	-1.21229318
Pt	0.49001977	1.05477066	1.36890788
Pt	2.30638893	-0.74560168	1.33664503
Pt	-1.38346639	0.18209214	-1.20940851

Pt	-1.70351668	-0.25918732	1.29894700
Pt	0.85202527	1.46168441	-1.11935863
Pt	-1.23732477	2.47850267	0.04030824
Pt	0.33580556	-1.46763238	-0.12248276
Pt	-2.11427771	-2.18127647	-0.38126506

9

#3.63:septet:UNK = -1074.07477229

Pt	-1.38869724	-1.72311822	1.21539449
Pt	-1.22484033	0.81514208	1.55150871
Pt	-2.30632371	1.48453520	-0.69439529
Pt	-2.11292792	-0.99048070	-1.14642721
Pt	0.22371148	1.56933319	-0.48228427
Pt	2.58481798	1.28726838	0.38408044
Pt	2.84790618	-0.97753671	-0.68734988
Pt	0.98288367	-0.64721242	1.17449341
Pt	0.39346989	-0.81793080	-1.31502039

9

#3.41:nonet:UNK = -1074.07466088

Pt	-1.98773718	-1.90082691	-0.23134972
Pt	0.17498175	0.22099463	1.86748421
Pt	2.68064358	-0.24275501	0.99605736
Pt	-1.47298030	2.00936171	-0.62365556
Pt	0.53563561	-1.59315570	0.13768775
Pt	-0.70569996	-0.18487025	-1.65900432
Pt	2.04931064	-0.23358913	-1.50618666
Pt	1.00361629	1.63936951	-0.06467932
Pt	-2.27777043	0.28547114	1.08364626

9

#3.9:septet:UNK = -1074.07443331

Pt	-0.94371818	1.02070134	1.28232907
Pt	0.05965488	-1.38879080	-0.01823708
Pt	0.02104645	3.07952570	-0.03024537
Pt	-0.93632839	0.97527099	-1.26604033
Pt	1.43049512	1.02837788	0.01926306
Pt	-2.09081272	-1.26702734	1.31101542
Pt	2.30178798	-1.06760516	-1.24641850
Pt	2.28125819	-1.09497121	1.24851660
Pt	-2.12338333	-1.28548139	-1.30018288

9

#3.100:quintet:UNK = -1074.07443199

Pt	0.02871162	-1.64961020	0.10542446
Pt	0.08025619	0.52163954	-1.31161094
Pt	2.15595969	-1.02536685	-1.24945510
Pt	2.05559494	-0.52819173	1.31317068
Pt	-2.20501231	-0.82228066	-1.12860444
Pt	-2.04780020	1.64734418	-0.37059505
Pt	-0.12724787	0.97722525	1.23414795
Pt	2.03535340	1.67625841	-0.05304642
Pt	-1.97581546	-0.79701794	1.46056886

9

#3.45:quintet:UNK = -1074.07436421

Pt	2.09374459	-1.41746641	-0.77549681
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Pt	-2.09175932	1.44220208	-0.75170579
Pt	-2.10012761	-1.42823392	-0.76508854
Pt	2.10628758	1.42883499	-0.74941256
Pt	0.00295631	1.43165272	0.78519087
Pt	-0.00470952	0.01104277	-1.37195200
Pt	-2.09732658	-0.00363368	1.42351143
Pt	2.09240292	-0.01834417	1.43419657
Pt	-0.00146838	-1.44605438	0.77075683

9

#3.243:singlet:UNK = -1074.07424977

Pt	-1.89476644	1.48858619	-0.84342292
Pt	0.00146177	-0.10675558	1.34726591
Pt	1.28850369	-2.21403172	-0.35274806
Pt	2.50310516	-0.31220923	0.84680015
Pt	-0.00262527	2.38055492	0.58300420
Pt	-2.50019304	-0.31634224	0.84888528
Pt	-0.00084920	-0.19455140	-1.23262829
Pt	-1.28554801	-2.21678036	-0.35303639
Pt	1.89091136	1.49152942	-0.84411987

9

#3.85:singlet:UNK = -1074.07422562

Pt	-0.69403085	2.84175278	-0.04190207
Pt	2.05188694	-1.03306646	1.26870835
Pt	-1.49151076	0.54466615	-0.87408098
Pt	0.03932278	-1.54693748	-0.26056843
Pt	-2.48939435	-1.80549207	-0.54871839
Pt	1.00741640	1.26218525	-1.15877191
Pt	2.35924582	-0.92249206	-1.22549006
Pt	-1.42548841	-0.46022977	1.47895471
Pt	0.64255242	1.11961366	1.36186879

9

#3.15:triplet:UNK = -1074.07420669

Pt	0.00348970	-1.44455726	0.78749386
Pt	-0.00875706	0.00101676	-1.36059350
Pt	2.10110412	-1.41020414	-0.76916372
Pt	-2.09189118	-1.44556100	-0.75972977
Pt	2.09332631	-0.00044135	1.43420262
Pt	-2.10838279	-0.00087041	1.40698448
Pt	-2.09389745	1.44526350	-0.75845508
Pt	2.10197415	1.41058726	-0.76792083
Pt	0.00303423	1.44476664	0.78718194

9

#3.25:singlet:UNK = -1074.07420395

Pt	-1.41943181	0.17009290	1.29648869
Pt	2.46688328	-1.87561717	0.17129848
Pt	0.00042241	2.04640606	-1.28954749
Pt	0.00566276	-1.37871181	-0.46110334
Pt	-1.80915431	0.22376028	-1.18426251
Pt	1.81516719	0.23129724	-1.17896761
Pt	-2.45581542	-1.88809639	0.16178418
Pt	1.40524139	0.17369443	1.29964469
Pt	-0.00897550	2.29717446	1.18466490

9

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#3.245:septet:UNK = -1074.07418717
Pt      0.75456212      1.86427547      -0.38704901
Pt      2.84974850      0.62616740      0.43342150
Pt      0.15625952     -0.42210099     -1.35615567
Pt     -1.76270627      1.33587715     -1.13503981
Pt      0.73738528     -0.63878944      1.14161715
Pt      2.31234049     -1.62030046     -0.66774797
Pt     -1.72671893     -1.18618609      1.55298145
Pt     -1.07437901      1.27234309      1.35726161
Pt     -2.24649170     -1.23128614     -0.93928926
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9

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#3.211:septet:UNK = -1074.07418557
Pt      0.31757042      0.76045154     -1.24799708
Pt      1.87710370      1.89037619      0.47192017
Pt     -1.87710139      1.88941511     -0.47428467
Pt     -1.95234608     -0.59184078     -1.17184123
Pt     -0.31792690      0.76280156      1.24839212
Pt      1.95197040     -0.59026282      1.17169630
Pt      2.05420773     -1.12217835     -1.35248131
Pt      0.00018402     -1.87811040      0.00112175
Pt     -2.05366190     -1.12065205      1.35347395
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9

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#3.75:septet:UNK = -1074.07415846
Pt     -1.42383811      2.01414272      0.45284668
Pt      2.33426220     -0.38767267     -1.29885198
Pt      0.21681009     -1.28235660     -0.07872905
Pt      0.94182890      1.71295575     -0.94357989
Pt      2.45371938     -1.03073614      1.18347346
Pt     -1.14396100      0.33857823     -1.50337384
Pt     -2.27853181     -1.81479403     -0.64337874
Pt     -1.79135472     -0.36575313      1.39544710
Pt      0.69106508      0.81563587      1.43614625
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9

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#3.87:nonet:UNK = -1074.07406580
Pt      0.84899548      2.45612611     -0.64547877
Pt     -1.12468941      1.96684908      0.95879233
Pt     -2.37706200     -1.46378230     -0.85837031
Pt      2.50247131     -1.55028150      0.62486577
Pt      1.00963090      0.49433569      1.17993960
Pt      1.61519350     -0.09537547     -1.28284581
Pt     -1.61409499     -0.51650133      1.39949570
Pt     -0.91564981      0.59797901     -1.27504939
Pt      0.05520501     -1.88934930     -0.10134912
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9

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#3.122:septet:UNK = -1074.07400476
Pt      0.38289561      0.61265563      1.38577140
Pt      0.64663769      1.75124607     -0.90906243
Pt     -1.98520188     -0.36028020      1.11688762
Pt      0.57711422     -1.28496042     -0.40892246
Pt     -1.79390607     -2.30833294     -0.50184493
Pt      2.46537832     -0.88379865      1.31061353
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Pt	-1.34476939	0.15255894	-1.35295149
Pt	-1.54031691	2.20538868	0.43075696
Pt	2.59216841	0.11552289	-1.07124820
9			
#3.67:septet:UNK = -1074.07393949			
Pt	-2.33550180	-1.34604061	-0.67999550
Pt	1.06541000	2.03661749	0.49868471
Pt	0.05822660	-1.97677101	-0.02666182
Pt	-2.20165819	0.33798208	1.23946741
Pt	2.42371480	-1.27773071	0.67243288
Pt	-0.26335931	-0.09015810	-1.65261310
Pt	0.30119961	-0.10270562	1.60912710
Pt	2.20393469	0.48555180	-1.16250451
Pt	-1.25196640	1.93325469	-0.49793718
9			
#3.69:septet:UNK = -1074.07392994			
Pt	0.61978575	-1.36628102	0.04530659
Pt	-1.36964490	-0.03117047	-1.15149312
Pt	-1.63449166	-0.89646870	1.32536326
Pt	-1.22341862	1.63782959	1.35519040
Pt	2.62355680	-0.25001314	-1.23109296
Pt	2.57774935	-0.28115487	1.30175324
Pt	0.94542900	1.22718557	0.05968293
Pt	-0.96742196	2.48343352	-1.06296588
Pt	-1.57154375	-2.52336048	-0.64174446
9			
#3.97:triplet:UNK = -1074.07364005			
Pt	-1.32754995	1.28877868	-0.24736087
Pt	1.33960358	-1.25782833	-0.31674807
Pt	0.00377911	-0.07982115	1.80772097
Pt	2.52107973	-0.04441490	1.57710977
Pt	-1.35863792	-1.23993551	-0.31542288
Pt	1.34179745	1.27076976	-0.25167287
Pt	-0.01916009	-2.49157213	-1.96594763
Pt	-2.51476107	-0.01397436	1.58642608
Pt	0.01384916	2.56799795	-1.87410451
9			
#3.9:singlet:UNK = -1074.07362843			
Pt	-0.81861109	2.82097271	-0.29752419
Pt	2.12893774	-1.05325387	-1.21521517
Pt	-2.42620659	-1.86244727	0.46178758
Pt	0.46413563	0.87319535	-1.33552338
Pt	-0.27339818	-1.80483873	-0.87301360
Pt	-0.36559065	-0.51238744	1.25773671
Pt	-2.07161315	0.59319107	-0.21018901
Pt	2.31358417	-0.64510955	1.22524984
Pt	1.04876213	1.59067771	0.98669123
9			
#3.251:triplet:UNK = -1074.07362200			
Pt	-2.14004690	-0.87275040	1.38703705
Pt	-1.92448083	1.65549334	-0.27590685
Pt	1.92943327	1.68021084	0.09807172

Pt	-2.16839051	-0.74196521	-1.21492287
Pt	2.16885700	-0.60490058	1.27577529
Pt	0.14609228	0.62728158	-1.42290760
Pt	-0.00478840	-1.49066499	0.08361904
Pt	2.13633929	-1.03339048	-1.28768894
Pt	-0.14301521	0.78068591	1.35692318

9

#3.126:septet:UNK = -1074.07354003

Pt	-1.42682773	1.70144099	-0.15588791
Pt	-1.89548595	0.06047984	1.74022637
Pt	1.01910846	1.97416015	0.39695248
Pt	0.63701576	-0.21642962	1.64445639
Pt	0.35084822	-0.87892590	-0.82011561
Pt	2.55528180	-1.44983923	0.40533647
Pt	-1.95147689	-1.70404792	-0.09167556
Pt	-1.73194837	-0.02445067	-1.99239104
Pt	2.44348471	0.53761236	-1.12690158

9

#3.229:septet:UNK = -1074.07352334

Pt	-1.26175912	-1.85887333	0.07012005
Pt	-1.29670496	0.84431098	0.01472486
Pt	0.95747100	-0.82110576	1.36848046
Pt	-1.43412654	-0.51863762	2.23186906
Pt	1.29301576	1.32887332	-0.08442656
Pt	-0.44808043	3.15208593	-0.03232208
Pt	0.81174657	-0.93308105	-1.35280324
Pt	3.01983395	-0.58263618	-0.09565313
Pt	-1.64139624	-0.61093630	-2.11998943

9

#3.156:septet:UNK = -1074.07351522

Pt	-2.32737530	-1.39252231	-1.04001711
Pt	0.06718701	-1.49957501	-0.11987863
Pt	-0.69472291	0.56233881	-1.49758818
Pt	2.34568282	-1.32447882	1.11084146
Pt	1.29686768	1.97223271	-0.52958487
Pt	-1.35415551	1.92330777	0.58916945
Pt	-2.06686399	-0.40445255	1.31922011
Pt	2.14705729	-0.33802477	-1.24664162
Pt	0.58632291	0.50117417	1.41447941

9

#3.188:quintet:UNK = -1074.07347595

Pt	-2.68466422	-0.99757171	-1.02064735
Pt	0.17073729	-1.08455109	1.26852703
Pt	-0.00068785	3.19388248	-0.00035389
Pt	-1.30918249	1.10403109	-0.26127622
Pt	2.30606178	-0.62066670	-1.43002460
Pt	1.30767452	1.10416707	0.25903486
Pt	-0.16981893	-1.08543855	-1.26713207
Pt	2.68516509	-0.99444143	1.02141780
Pt	-2.30528520	-0.61941115	1.43045444

9

#3.33:singlet:UNK = -1074.07342349

Pt	0.74554563	-1.85094557	0.89460982
Pt	0.95363626	1.75568159	-0.87319761
Pt	-2.48549649	0.12854562	-0.01151991
Pt	-0.33170246	0.41275493	1.25293100
Pt	-1.32058347	2.50872051	0.13269678
Pt	-0.34935673	-0.39405019	-1.24088940
Pt	-1.59708152	-2.35439116	-0.15429358
Pt	2.17049903	-0.77529992	-1.10714019
Pt	2.21453975	0.56898419	1.10680310

9

#3.86:nonet:UNK = -1074.07320385

Pt	-2.01395527	-1.81964486	-0.68577795
Pt	-0.69751293	0.17644134	-1.63268442
Pt	2.08910498	0.12310321	-1.33128536
Pt	-1.69450114	1.86717836	-0.00902895
Pt	0.41679712	0.24217005	1.64116907
Pt	-2.12722218	-0.23494141	1.34426391
Pt	0.83564366	2.03056031	-0.15335879
Pt	2.70528883	-0.79880302	0.96782826
Pt	0.48635693	-1.58606399	-0.14112579

9

#3.93:nonet:UNK = -1074.07318427

Pt	-0.03341790	-0.66599131	-1.89780512
Pt	0.36335489	-1.71665992	0.38140303
Pt	-2.03285712	-1.31885926	1.32606434
Pt	-2.36003641	-0.16321406	-0.92077931
Pt	-0.22515012	0.51621063	1.46857253
Pt	-1.50249051	2.10638291	-0.15533820
Pt	2.35965968	0.67717384	1.30465406
Pt	2.52749719	-0.79554016	-0.80008601
Pt	0.90344029	1.36049733	-0.70668532

9

#3.41:quintet:UNK = -1074.07316793

Pt	0.90025821	1.64184518	0.04589583
Pt	-1.63145349	1.99469341	0.02784830
Pt	0.71597159	-0.00253360	-1.83134620
Pt	2.90526689	-0.00029908	-0.40832870
Pt	-1.63196683	-1.99435259	0.03089530
Pt	-1.80382471	-0.00085685	-1.51936500
Pt	-1.44188341	0.00126937	1.64207500
Pt	1.08749429	0.00229458	1.96242610
Pt	0.90013747	-1.64206042	0.04989937

9

#3.78:septet:UNK = -1074.07315249

Pt	-2.25080734	-1.31034747	-1.30667920
Pt	0.79148649	0.80871922	1.33460510
Pt	1.52803871	1.78619410	-0.92841091
Pt	-0.79391927	0.81769965	-1.32969032
Pt	-2.23858828	-0.65583783	1.14112738
Pt	2.24984593	-1.31874525	1.29906805
Pt	2.24346415	-0.64447620	-1.14308156
Pt	-1.53093162	1.77875568	0.93938955

Pt	0.00141124	-1.26196191	-0.00632808
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9

#3.277:singlet:UNK = -1074.07311334

Pt	0.36208648	1.00336176	1.29582187
Pt	-1.17749499	2.69750383	0.03618608
Pt	-1.74025908	0.36215671	-0.73820136
Pt	0.49334309	-1.39553468	0.10494214
Pt	2.37874393	-0.49723243	-1.34654554
Pt	-1.66695384	-0.93731832	1.44556988
Pt	-1.78033319	-2.18468829	-0.80912219
Pt	0.59626754	1.31543098	-1.22811124
Pt	2.53460007	-0.36367955	1.23946036

9

#3.180:nonet:UNK = -1074.07309420

Pt	1.26116432	1.14122498	-0.31058096
Pt	0.14156310	-1.30528910	-0.62764963
Pt	-1.35847219	1.05448340	0.03364438
Pt	-2.11715577	-0.73003455	-1.70786467
Pt	2.55743872	-0.84928971	-1.31350637
Pt	-0.13370396	3.19449289	-0.09783225
Pt	2.03588906	-0.88981916	1.19188652
Pt	-0.27434145	-0.20131585	2.07399048
Pt	-2.11238183	-1.41445290	0.75791251

9

#3.75:triplet:UNK = -1074.07302749

Pt	0.45077671	0.96357439	1.35440871
Pt	2.43597585	-0.80370698	-1.21060388
Pt	0.17636183	-1.45709651	-0.18681159
Pt	2.15678754	-0.93753997	1.34384172
Pt	-1.75021565	-0.63059914	1.40772281
Pt	-1.48203970	0.56976295	-0.85910959
Pt	-0.73764913	2.84214492	0.01787891
Pt	1.02987973	1.32749746	-1.08179329
Pt	-2.27987718	-1.87403712	-0.78553379

9

#3.216:quintet:UNK = -1074.07302050

Pt	-2.33762921	-1.86943980	0.20549027
Pt	0.08808798	-1.28753530	-0.53100477
Pt	2.58666868	-1.65497279	0.02608351
Pt	-0.30035384	2.00943427	-1.25887403
Pt	1.74122653	0.42997596	-1.26954404
Pt	-1.87467185	0.07262870	-1.36678765
Pt	-0.29239322	2.18311851	1.29869417
Pt	1.48526586	0.30277018	1.27218675
Pt	-1.09620093	-0.18597972	1.62375578

9

#3.81:nonet:UNK = -1074.07297682

Pt	0.94796648	1.88753140	-0.13556491
Pt	0.49628861	-1.59951250	-0.01313099
Pt	-1.58148783	1.89152266	-0.31565732
Pt	2.11358285	-0.03901250	-1.37728388
Pt	2.66178724	-0.60046278	1.06229555

Pt	-2.01982540	-1.81448066	-0.49979358
Pt	-0.64580586	-0.01525856	-1.71465099
Pt	-2.25662666	0.03164679	1.27844486
Pt	0.28412056	0.25802615	1.71534126

9

#3.23:quintet:UNK = -1074.07297610

Pt	1.76854406	1.39661306	-0.19586620
Pt	-2.77947671	-0.28113236	-0.82401297
Pt	0.61585704	-1.78785986	-0.71275447
Pt	-1.31771970	0.65186233	1.13837173
Pt	1.04831424	-0.47271231	1.42639636
Pt	-0.39444808	2.80623149	0.08340438
Pt	2.99064412	-0.87204051	-0.31152649
Pt	-0.34834343	0.51619382	-1.20810299
Pt	-1.58337153	-1.95715566	0.60409066

9

#3.72:quintet:UNK = -1074.07295576

Pt	-0.40857309	0.62258812	-1.24379551
Pt	-2.86972790	0.10832633	-0.71622704
Pt	2.82222389	-1.08536710	-0.58117539
Pt	-0.19106250	2.75089801	0.27196421
Pt	1.84148180	1.28632301	-0.30824508
Pt	-1.94233442	-1.85439839	0.49594465
Pt	1.38019437	-0.54347520	1.48551270
Pt	-0.98488122	0.45856851	1.19693398
Pt	0.35267909	-1.74346329	-0.60091252

9

#3.231:septet:UNK = -1074.07291683

Pt	1.02707093	-0.80170611	-1.43368944
Pt	0.15473737	-1.79962118	0.68631163
Pt	2.86260195	0.70239866	-0.47469598
Pt	-1.96066111	2.42580033	-0.63961027
Pt	0.40421322	1.56725260	-0.52273227
Pt	-0.98206798	-0.33987056	2.42526395
Pt	-1.65119452	0.03770926	-0.07460813
Pt	-1.21534914	-2.08873597	-1.51205450
Pt	1.36064926	0.29677297	1.54581501

9

#3.98:nonet:UNK = -1074.07291060

Pt	2.51145840	0.75750476	-0.59716739
Pt	-1.24715996	1.98399280	1.00286886
Pt	-1.67522506	-2.19642974	-0.63872275
Pt	0.56402576	-0.96567459	-0.91456233
Pt	2.52449096	-1.44824588	0.71135715
Pt	0.69477880	0.25862255	1.34733100
Pt	0.24689443	1.87327352	-1.09763105
Pt	-1.83897981	0.29522517	-1.14979369
Pt	-1.78028352	-0.55826859	1.33632019

9

#3.153:triplet:UNK = -1074.07286032

Pt	2.33910208	-1.80091848	-0.56718524
Pt	-0.02730881	2.61939033	-0.89449316

Pt	-2.11282431	-0.03974151	1.27607711
Pt	0.01221669	-1.32649410	0.38793758
Pt	-2.31416392	-1.83584948	-0.54980752
Pt	-0.00589680	1.44473179	1.40355082
Pt	2.12398689	-0.02333171	1.27313749
Pt	1.35564728	0.49328103	-1.16172230
Pt	-1.37075912	0.46893213	-1.16749479

9

#3.156:quintet:UNK = -1074.07279873

Pt	-1.64795034	-1.27197101	-1.26275919
Pt	0.90391415	-1.25141853	-1.25083664
Pt	2.92645429	-0.00178451	-0.01160484
Pt	0.91182751	-1.25367843	1.24821266
Pt	-1.64537723	1.27507349	-1.26078838
Pt	-1.63335488	1.27978438	1.26823183
Pt	-1.63519519	-1.28017342	1.26580481
Pt	0.91341212	1.24953356	1.25162357
Pt	0.90626957	1.25463447	-1.24788383

9

#3.93:triplet:UNK = -1074.07276006

Pt	1.80075765	1.36981344	-0.14257831
Pt	-2.71927822	-0.32280474	-0.88980850
Pt	0.93069668	-0.47461646	1.38287150
Pt	0.57284521	-1.80446678	-0.76973409
Pt	-0.31789703	0.53979890	-1.22120630
Pt	-1.54596689	-1.89973541	0.72656561
Pt	-1.34211174	0.70830669	1.10875669
Pt	-0.32098367	2.82738511	0.06515448
Pt	2.94193800	-0.94368074	-0.26002109

9

#3.98:quintet:UNK = -1074.07271558

Pt	-1.23419487	-2.05855743	0.85907138
Pt	0.37341251	-0.51266468	-1.42455870
Pt	2.48367918	1.23582594	0.63320801
Pt	-1.13821681	0.36703267	1.58297460
Pt	1.08126681	-0.90138889	1.02614800
Pt	0.11581737	1.68774350	-0.18325699
Pt	-2.13342319	-0.76255653	-1.17388801
Pt	-2.42202403	1.61695566	-0.38162449
Pt	2.87368301	-0.67239025	-0.93807380

9

#3.183:quintet:UNK = -1074.07257193

Pt	-2.43719587	-1.80609776	0.21894396
Pt	-1.18722424	2.49154756	-0.46524183
Pt	2.92167428	0.38457835	0.98934133
Pt	-2.02484033	0.56250985	1.01885096
Pt	0.43425618	0.07631160	1.52031229
Pt	0.09896724	-1.82987801	-0.17442771
Pt	-1.18123038	-0.00243624	-1.36859253
Pt	2.37414773	-1.02496367	-0.99375138
Pt	1.00144539	1.14842831	-0.74543510

9

#3.152:quintet:UNK = -1074.07256577

Pt	-1.63351970	1.67880938	0.96517937
Pt	0.65703210	2.20087844	-0.46992130
Pt	-1.82222120	-0.84304804	1.33055406
Pt	0.50213710	-1.09614864	-0.88383825
Pt	-1.96633890	-1.78127993	-1.04090909
Pt	0.52329920	0.21215406	1.33534041
Pt	2.42453530	-1.50823082	0.86426214
Pt	-1.21008550	0.67388129	-1.39677307
Pt	2.52516160	0.46298425	-0.70389427

9

#3.14:triplet:UNK = -1074.07250354

Pt	0.86309385	1.77267843	0.89184422
Pt	-1.47336368	-2.42516209	0.13060120
Pt	0.83124507	-1.79044786	-0.88918810
Pt	-1.42859080	2.44938951	-0.13133908
Pt	2.20116246	0.65146743	-1.10942938
Pt	2.19019896	-0.68403888	1.10763771
Pt	-2.48159209	0.02149329	-0.00039889
Pt	-0.35527562	-0.41423088	1.26548111
Pt	-0.34687816	0.41885103	-1.26520879

9

#3.54:triplet:UNK = -1074.07242605

Pt	0.89842359	1.17288860	-1.30083166
Pt	-1.63920392	-1.35144857	-1.19963183
Pt	-1.63746241	1.19197345	-1.35564008
Pt	2.92855869	-0.00662386	-0.04977309
Pt	0.91098188	-1.17341594	1.33732416
Pt	0.91363879	1.33058298	1.18060436
Pt	-1.63704982	-1.19423992	1.34455439
Pt	-1.63424510	1.35411460	1.18805953
Pt	0.89635828	-1.32383132	-1.14466576

9

#3.47:septet:UNK = -1074.07235415

Pt	-2.31795880	0.18654221	0.69619041
Pt	-0.40041420	0.08683172	-1.15243090
Pt	1.01083691	1.63253601	0.32014271
Pt	2.51473310	-0.58607460	0.86265379
Pt	-2.00926141	-1.91096268	-0.77795341
Pt	-0.00112089	-0.14467651	1.85971660
Pt	0.43944939	-1.91646389	0.05372628
Pt	2.15635340	0.27804032	-1.55493511
Pt	-1.39261749	2.37422742	-0.30711037

9

#3.141:septet:UNK = -1074.07228299

Pt	-1.27592907	2.11623613	-0.32539087
Pt	2.65087159	-0.78501671	-0.74651420
Pt	1.81431600	0.66603072	1.59172187
Pt	1.11643052	1.33931201	-0.74547168
Pt	0.52020858	-1.44294066	0.69157083
Pt	-2.16151599	-0.08566415	-1.21870548
Pt	-0.81587460	0.55137726	1.63934348

Pt	0.23035330	-0.78463940	-1.72847461
Pt	-2.07886033	-1.57469520	0.84192065

9

#3.15:septet:UNK = -1074.07222368

Pt	-2.21326780	-1.63472559	0.53438162
Pt	1.15722456	1.55488389	-0.44000151
Pt	2.55321907	-0.68477773	-0.89569272
Pt	2.02534191	0.18996059	1.52427304
Pt	-2.22518624	0.32710493	-1.06100219
Pt	0.12241975	-0.27869419	-1.80114020
Pt	-0.57885349	0.10098788	1.64518639
Pt	-1.19036753	2.19630621	0.30464980
Pt	0.34946979	-1.77104599	0.18934577

9

#3.232:septet:UNK = -1074.07221672

Pt	0.66040042	-0.00435749	1.13754290
Pt	-2.03428720	-1.26321761	-1.05311777
Pt	2.75750021	1.24515890	0.12424547
Pt	0.50237840	-1.27168541	-1.11314279
Pt	2.75964761	-1.24417020	0.11374110
Pt	-1.55422078	-1.28336168	1.47045642
Pt	0.50026661	1.28000899	-1.10342722
Pt	-2.03654919	1.26805479	-1.05000181
Pt	-1.55513608	1.27356972	1.47370369

9

#3.101:nonet:UNK = -1074.07220430

Pt	-1.24755311	0.81823851	1.54603833
Pt	2.59598498	1.25663112	0.46079096
Pt	-1.43304538	-1.72458517	1.24254839
Pt	0.43560691	-0.73928161	-1.39173465
Pt	0.24262948	1.60404554	-0.48050802
Pt	-2.30568342	1.47123342	-0.71151623
Pt	2.85085041	-1.01247162	-0.64470616
Pt	0.92626991	-0.65451674	1.13336395
Pt	-2.06505979	-1.01929345	-1.15427657

9

#3.254:septet:UNK = -1074.07213180

Pt	-2.11846932	1.65273577	0.03589969
Pt	2.12028348	1.65143341	-0.03789812
Pt	1.90718280	-0.89145648	1.36209120
Pt	-0.02183022	0.83307738	-1.27616601
Pt	-0.00186100	-1.83486791	0.00142391
Pt	-2.08487520	-0.67695092	1.22215871
Pt	2.08606529	-0.67912080	-1.22214020
Pt	0.02258068	0.83623720	1.27627729
Pt	-1.90907651	-0.89108764	-1.36164649

9

#3.116:septet:UNK = -1074.07210099

Pt	-0.07827466	3.19048570	0.10394403
Pt	-1.95583589	-1.56914833	0.16295392
Pt	2.89723693	-0.84850075	-0.75807621
Pt	1.39415826	-0.91450569	1.33954534

Pt	-0.96545518	-0.50162204	2.24788816
Pt	-1.80130534	-0.31315870	-2.04401256
Pt	-1.22909783	1.01930988	0.13368557
Pt	1.36192318	1.15920272	-0.24868934
Pt	0.37665054	-1.22206278	-0.93723890

9

#3.29:septet:UNK = -1074.07208600

Pt	0.15387634	-1.70096251	-0.19052033
Pt	1.02198051	1.09289198	-0.78156266
Pt	2.89612739	0.44017119	0.98650842
Pt	-2.35236897	-1.87399126	0.27905737
Pt	-1.18741726	2.41538273	-0.52088703
Pt	-1.39580072	-0.01335674	-1.37948399
Pt	0.42363338	0.16162864	1.52975092
Pt	2.48157805	-1.06618915	-0.97433831
Pt	-2.04160871	0.54442512	1.05147562

9

#3.194:triplet:UNK = -1074.07205183

Pt	-2.39991068	1.79869310	-0.25321966
Pt	-0.00079129	1.02368710	-0.68344528
Pt	2.53103322	-0.18431604	1.32506320
Pt	1.82535100	-0.66084760	-1.08379240
Pt	-0.00424068	-0.54660723	1.32828650
Pt	0.00143350	-2.37179180	-0.59264352
Pt	-2.53729398	-0.18955292	1.31587942
Pt	-1.82082290	-0.66036379	-1.09400809
Pt	2.40524182	1.79109918	-0.26212018

9

#3.57:septet:UNK = -1074.07197412

Pt	-0.25129372	-1.08632012	1.87756276
Pt	0.05056049	-1.66070873	-0.58036032
Pt	-2.26145390	0.16736906	0.91765239
Pt	-2.28831730	-0.91316994	-1.39101496
Pt	1.16575150	0.87642564	1.18466178
Pt	-0.24020459	0.63753584	-1.49505652
Pt	2.44184989	-1.23914171	0.19267908
Pt	-0.86849709	2.23985902	0.39338891
Pt	2.25160471	0.97815094	-1.09951312

9

#3.103:singlet:UNK = -1074.07196177

Pt	2.53693350	0.14046407	-1.05117000
Pt	0.55870908	1.76882335	-1.01468432
Pt	2.50340721	-0.90392804	1.29987575
Pt	0.57575381	-1.32693758	-0.37478026
Pt	-1.53239182	2.19952966	0.54183110
Pt	-1.97741009	-0.25827317	1.08660499
Pt	-1.30005310	0.02109565	-1.43212070
Pt	-1.84122808	-2.30894840	-0.37222480
Pt	0.47627950	0.66817445	1.31666823

9

#3.63:singlet:UNK = -1074.07185515

Pt	-2.28821539	-1.41822106	-1.05601264
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Pt	2.29838934	-1.40146982	1.06085770
Pt	-1.29989673	2.06790411	0.67661965
Pt	-1.98091528	-0.33474779	1.22546082
Pt	1.28978316	2.06992611	-0.68001398
Pt	-0.66371703	0.54724736	-1.33186392
Pt	1.98075959	-0.32994349	-1.22571283
Pt	0.65629851	0.55011306	1.33072687
Pt	0.00751383	-1.75080849	-0.00006166

9

#3.105:septet:UNK = -1074.07183566

Pt	-1.51649381	-1.41559143	-1.17562198
Pt	2.11105110	-1.60691161	-0.55911031
Pt	-1.83634141	1.40819067	-0.70712641
Pt	0.20312051	0.40160291	1.34334058
Pt	2.51620080	0.77099360	0.33376415
Pt	0.30492489	2.63559319	0.03590205
Pt	0.00301282	-2.06554200	0.81160661
Pt	-2.22258589	-0.40176351	1.12454012
Pt	0.43711099	0.27342818	-1.20729482

9

#3.133:nonet:UNK = -1074.07180155

Pt	2.04816067	-0.20791867	-1.61970493
Pt	0.34464912	-1.75593321	0.32351476
Pt	1.14413169	1.57462969	0.02692691
Pt	-1.29306933	2.33108625	-0.44162167
Pt	-0.52955683	0.00721972	-1.30200829
Pt	-2.10721149	-1.94739896	-0.54101298
Pt	-2.25737899	0.27112669	0.74888003
Pt	2.57476892	-0.48951216	0.90156767
Pt	0.07550624	0.21670066	1.90345849

9

#3.42:nonet:UNK = -1074.07178873

Pt	2.83090577	-0.61278371	-0.87664831
Pt	-2.14909185	-1.41438092	-0.55156564
Pt	0.42415355	-1.48855590	-0.61726545
Pt	0.78974537	2.03427043	0.86854897
Pt	1.66656630	-0.28903731	1.37259964
Pt	0.73886431	0.90477066	-1.41864214
Pt	-1.84423829	0.96162782	-1.48426233
Pt	-1.57083116	1.13674943	1.03049744
Pt	-0.88607402	-1.23266049	1.67673782

9

#3.129:nonet:UNK = -1074.07170939

Pt	-0.19071588	-1.12961805	-1.24403175
Pt	0.19279999	-1.12657383	1.24699915
Pt	-1.28639470	1.08564239	-0.32613766
Pt	-0.00295812	3.18662621	-0.00117565
Pt	1.28349869	1.08784754	0.32124626
Pt	2.26289412	-0.55575704	-1.47123955
Pt	-2.26101151	-0.55341054	1.47206270
Pt	-2.71096618	-1.00101815	-0.98489478
Pt	2.71285360	-0.99373852	0.98717128

9

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#3.118:septet:UNK = -1074.07168060
Pt    -2.46838887    1.26520722    -0.20090729
Pt     2.87488590    -0.63541733     0.08868464
Pt     0.70232079    -1.11175985     1.39201244
Pt    -0.08886487     0.85980374    -1.35848545
Pt     0.74983800    -1.50067615    -1.10219224
Pt    -1.87655041    -0.74694972     1.39249510
Pt     2.03509903     1.75140887    -0.20668357
Pt    -1.83143589    -1.14022133    -1.15907958
Pt    -0.09690369     1.25860455     1.15415594
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9

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#3.73:quintet:UNK = -1074.07160133
Pt    -2.52647541    -0.20806444     1.31027089
Pt     2.39401849     1.79029194    -0.24056363
Pt    -0.00096508    -2.35242217    -0.56631665
Pt     1.82472911    -0.66152705    -1.10952959
Pt     0.00031290     1.01797003    -0.69728776
Pt    -2.39286651     1.79162270    -0.23933686
Pt     0.00000670    -0.51017702     1.34202930
Pt    -1.82530539    -0.66000487    -1.11002642
Pt     2.52654519    -0.20768910     1.31076072
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9

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#3.160:nonet:UNK = -1074.07160084
Pt    -2.23468243    -1.24909745    -1.02818622
Pt     2.86485137    -1.13581581    -0.46214680
Pt    -1.15452832     1.10046596     1.50274395
Pt     2.58006569     1.39008289    -0.27453983
Pt     1.20903237    -0.10493885     1.32657362
Pt     0.32763757    -1.19131098    -0.84396901
Pt    -1.17573633    -1.47100353     1.30145108
Pt    -2.48438601     1.27188264    -0.69569945
Pt     0.06774609     1.38973512    -0.82622734
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9

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#3.156:nonet:UNK = -1074.07156189
Pt     2.96698321     0.11032531     0.77832634
Pt    -0.87683483     0.07567451    -1.22798748
Pt    -1.35418509     2.50078708    -0.44920284
Pt    -1.93461329     0.50820424     1.09667025
Pt     0.15992237    -2.12095827    -0.11943463
Pt     0.52163764    -0.22278068     1.57478869
Pt    -2.36937754    -1.74962516    -0.04677737
Pt     1.04747764     1.55840156    -0.21253700
Pt     1.83898989    -0.66002860    -1.39384595
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9

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#3.196:quintet:UNK = -1074.07154020
Pt     0.79621225     1.98662253    -0.46902109
Pt    -2.02769689    -0.65127624     1.27096361
Pt     2.65037627     0.26629677    -0.88377983
Pt    -1.64303284     1.81776777     0.71122244
Pt     0.53965550    -1.15292727    -0.72164232
Pt     0.38165310     0.28417940     1.42136670
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Pt	-1.94461379	-1.84013381	-0.96449670
Pt	2.38417422	-1.27632086	1.14130136
Pt	-1.13672784	0.56579171	-1.50591418

9

#3.72:nonet:UNK = -1074.07153666

Pt	2.19432872	-1.51347023	0.05018078
Pt	-0.20684462	2.16659839	0.15371895
Pt	2.18472651	0.67947626	-1.33094883
Pt	-2.62470105	-0.73543983	-1.09741424
Pt	-0.35613289	-1.70967304	-0.27177668
Pt	-0.30085534	-0.69453475	2.05832169
Pt	1.60317902	0.71547393	1.17255810
Pt	-0.35828420	0.40543837	-1.67520256
Pt	-2.13541618	0.68613089	0.94056278

9

#3.279:triplet:UNK = -1074.07145902

Pt	2.81457660	-1.09755087	-0.59114320
Pt	-0.40257431	0.62647062	-1.25255138
Pt	1.39987621	-0.53710949	1.48635510
Pt	-1.96577459	-1.85117390	0.48521271
Pt	1.85012109	1.28228002	-0.31247199
Pt	-0.18244311	2.74002431	0.28320163
Pt	-0.98906550	0.45071860	1.19391892
Pt	0.34143781	-1.74506068	-0.58026240
Pt	-2.86615420	0.13140140	-0.71225938

9

#3.128:quintet:UNK = -1074.07143906

Pt	2.45682150	1.26042608	0.34442430
Pt	-2.11415640	-0.04479905	1.80282518
Pt	2.47048050	-1.24953341	0.27622510
Pt	-2.38154920	-0.01837465	-0.73295912
Pt	0.97802750	0.04805672	-1.40026280
Pt	-0.76910320	1.87594450	-1.22999166
Pt	0.04366630	-1.26993499	1.09915859
Pt	0.01459059	1.23718331	1.12338689
Pt	-0.69877759	-1.83896850	-1.28280646

9

#3.94:septet:UNK = -1074.07143584

Pt	1.89771499	0.31361831	-0.07888435
Pt	1.27411419	2.80558611	-0.12350987
Pt	-1.41814945	-0.98567319	1.83324118
Pt	-2.52202141	0.42613641	0.03026126
Pt	2.57189809	-2.12099948	-0.01063403
Pt	0.17083759	-1.65977839	-0.00476748
Pt	-0.09578344	1.18818331	1.36093551
Pt	-1.56310747	-1.09797779	-1.75785652
Pt	-0.31550309	1.13090471	-1.24878570

9

#3.8:quintet:UNK = -1074.07140605

Pt	-2.16550230	-0.09389049	1.06189119
Pt	0.42103020	-0.12106712	1.48283920
Pt	0.42535153	2.25262259	0.53077274

Pt	2.77250012	-0.77986863	0.44321369
Pt	-0.32939900	-0.07697040	-1.24077970
Pt	1.97301657	1.05623097	-1.07793528
Pt	0.64968586	-2.11250379	-0.12320303
Pt	-1.89412554	-2.02292526	-0.57536714
Pt	-1.85255746	1.89837214	-0.50143167

9

#3.141:triplet:UNK = -1074.07135529

Pt	-2.23189273	-0.27889609	1.37211036
Pt	1.95476319	-1.26163642	-1.02076359
Pt	2.22776217	-0.28017013	1.37849179
Pt	2.07327461	1.59287233	-0.43250744
Pt	-1.95127901	-1.27194998	-1.02017473
Pt	0.00042979	1.05598952	1.00889799
Pt	-0.00341310	0.37290914	-1.48263977
Pt	-2.07098549	1.60002837	-0.42807258
Pt	0.00134057	-1.52914674	0.62465797

9

#3.37:septet:UNK = -1074.07134947

Pt	-0.14590690	1.75546820	-0.24292239
Pt	-1.95635241	-0.24384601	-0.34349641
Pt	-0.23271761	-0.04944701	1.73897369
Pt	0.27846130	-1.84555773	-0.29177183
Pt	1.90297812	2.09672023	-1.59940549
Pt	-2.16338982	1.59511977	1.35440761
Pt	1.79974251	-1.60334763	1.72471546
Pt	1.89989801	0.08233799	-0.17913991
Pt	-1.38271319	-1.78744782	-2.16136074

9

#3.75:quintet:UNK = -1074.07134279

Pt	-1.22472621	-1.47277596	-0.05285239
Pt	1.31010909	-1.40933093	-0.03554883
Pt	0.04049390	-1.96719152	2.09964328
Pt	-0.01394904	0.53610537	1.72345922
Pt	-0.06844427	2.90654718	0.86399565
Pt	-1.35331016	1.12166733	-0.46231225
Pt	2.64951002	-0.38581592	-1.83160964
Pt	1.28852994	1.18258498	-0.47238929
Pt	-2.62821326	-0.51179052	-1.83238575

9

#3.171:septet:UNK = -1074.07132944

Pt	-2.33096533	-1.38420339	-1.02748041
Pt	1.04814931	2.30656696	-0.47577269
Pt	-0.75773612	0.60966979	-1.38095109
Pt	0.10087449	-1.68877808	-0.33270951
Pt	2.37566568	-1.57792699	0.83923179
Pt	-1.92698577	-0.46079178	1.33672770
Pt	0.65780000	0.24039543	1.36917780
Pt	-1.18285247	1.95404285	0.80214501
Pt	2.01605021	0.00102521	-1.13036860

9

#3.74:septet:UNK = -1074.07131324

Pt	-1.53823154	2.32603530	-0.30422101
Pt	0.59417453	-1.83454466	0.07603862
Pt	-0.50211572	0.04544600	-1.26987079
Pt	0.93754757	1.71455435	0.10836436
Pt	2.55335712	-0.31212861	0.99536476
Pt	-1.88870727	-2.08830261	-0.53386413
Pt	-2.29546389	0.09580701	0.72249074
Pt	0.04786613	-0.02198774	1.74877130
Pt	2.09157307	0.07512094	-1.54307384

9

#3.218:quintet:UNK = -1074.07126029

Pt	0.07311626	-1.37480551	-0.31047897
Pt	-2.35981613	-1.34176335	-1.18601711
Pt	2.25875761	-0.16231779	-1.16403587
Pt	0.76359540	0.48981190	1.38761800
Pt	1.17950227	2.08400525	-0.62929342
Pt	2.33385824	-1.55825885	0.93579786
Pt	-1.41982636	1.79399246	1.00778415
Pt	-1.91353874	-0.71764982	1.25781149
Pt	-0.91564856	0.78698570	-1.29918613

9

#3.95:singlet:UNK = -1074.07117429

Pt	-0.11407428	0.98546927	1.22128855
Pt	-1.98485359	-0.77379320	1.45803227
Pt	2.05582611	-0.50881314	1.32120873
Pt	2.14786580	-1.04234159	-1.23137654
Pt	0.01810560	-1.66155779	0.12406581
Pt	0.07798211	0.51487842	-1.30893772
Pt	2.04654572	1.67224798	-0.08426150
Pt	-2.06003118	1.64378299	-0.36804908
Pt	-2.18736630	-0.82987295	-1.13197053

9

#3.299:nonet:UNK = -1074.07107930

Pt	-1.38382497	1.14965766	1.40317697
Pt	0.39862219	-1.13353375	-1.16821766
Pt	-2.30385388	1.29984319	-1.00268653
Pt	-2.13687571	-1.24184421	-0.95739294
Pt	0.97384402	-0.29025457	1.20679030
Pt	2.70115723	1.36569107	0.04661843
Pt	-1.34617190	-1.40787563	1.48710736
Pt	2.86340140	-1.13250055	-0.38422318
Pt	0.23370162	1.39081678	-0.63117275

9

#3.180:septet:UNK = -1074.07093376

Pt	-2.27149918	0.83469145	-0.25097460
Pt	2.82605572	0.82373916	0.30342555
Pt	-1.28654034	-0.82655551	-1.89845916
Pt	-1.78797499	-0.54827330	1.83536403
Pt	2.03241306	-1.58748124	-0.08600648
Pt	-0.32752765	2.45267241	-0.19951516
Pt	0.82471359	0.38844736	-1.22165852
Pt	-0.49089464	-2.03009377	0.20771786

Pt	0.48125443	0.49285344	1.31010648
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9

#3.47:triplet:UNK = -1074.07086665

Pt	2.90992190	0.39102290	0.98336782
Pt	0.09201010	-1.80757190	-0.13426897
Pt	-1.22317850	-0.02392041	-1.36672098
Pt	1.02532440	1.11476769	-0.79091129
Pt	-1.14686730	2.47980450	-0.49080159
Pt	-2.44871160	-1.79470890	0.22819034
Pt	0.43223640	0.14029881	1.51656852
Pt	2.38564470	-1.08061861	-0.96531837
Pt	-2.02638010	0.58092591	1.01989452

9

#3.39:nonet:UNK = -1074.07085514

Pt	-1.44624620	1.37768572	0.79235228
Pt	-0.55790957	-0.74171873	1.90922045
Pt	0.86848529	2.25051991	0.22191251
Pt	0.30774641	-1.74196981	-0.33784223
Pt	1.80477092	0.14971906	1.29841828
Pt	-2.22666989	-1.43179181	0.07228399
Pt	-2.01043672	0.57020633	-1.54051018
Pt	0.56570488	0.46314644	-1.57477411
Pt	2.69455489	-0.89579712	-0.84106099

9

#3.111:quintet:UNK = -1074.07085054

Pt	0.79503912	1.38076179	-1.21988241
Pt	-1.45995519	0.09793620	-1.25792480
Pt	-1.59722449	-0.10005339	1.27891330
Pt	2.39274771	-0.61935372	-1.26412480
Pt	-2.16900250	-2.18305139	-0.15739119
Pt	2.36321301	-0.71895960	1.29869630
Pt	-1.28764418	2.38459451	0.06164809
Pt	0.28392190	-1.43323220	-0.03600759
Pt	0.67890462	1.19135780	1.29607310

9

#3.130:nonet:UNK = -1074.07078916

Pt	-1.83446779	1.85913072	-0.33181672
Pt	1.39991533	1.39308573	1.36737143
Pt	-0.90332908	0.38151324	1.50827951
Pt	0.56220680	1.27137472	-1.08133467
Pt	2.46407690	-0.87182327	0.90632813
Pt	0.17314299	-1.17177570	-0.32696886
Pt	-2.01763011	-1.81548043	0.89688544
Pt	2.31250518	-0.55434877	-1.62382196
Pt	-2.15642022	-0.49167624	-1.31492231

9

#3.112:quintet:UNK = -1074.07076393

Pt	2.90554581	-0.05591198	-0.13157271
Pt	0.73591481	-0.01219319	-1.67090460
Pt	-1.59134840	-2.25780415	0.02649515
Pt	1.00663774	1.82778025	0.00058246
Pt	-1.60736649	0.02243057	1.27653911

Pt	0.92469698	-1.85278945	0.00657413
Pt	0.89476342	-0.00671412	1.71178840
Pt	-1.49772178	2.30365815	0.02840266
Pt	-1.77112209	0.03154392	-1.24790459
9			
#3.145:septet:UNK = -1074.07070512			
Pt	-2.32519810	1.39233636	-0.74007395
Pt	1.15819799	-0.22070552	1.32454460
Pt	2.74211818	-1.17742478	-0.58533943
Pt	-1.14963840	1.05899639	1.52001814
Pt	-2.28868452	-1.13620663	-1.02309062
Pt	0.19276140	1.45790864	-0.74302195
Pt	0.23669188	-1.17076215	-0.90232442
Pt	2.64697630	1.31785151	-0.12764906
Pt	-1.21322472	-1.52199380	1.27693667
9			
#3.90:singlet:UNK = -1074.07065831			
Pt	-0.16781550	0.54839316	-1.46001417
Pt	-2.18419038	-0.52934941	1.28770614
Pt	2.16619642	-0.79518768	-1.17437826
Pt	2.14695563	-0.82189763	1.43040575
Pt	0.00508813	-1.47646878	0.16634032
Pt	1.89966039	1.65008239	-0.38239869
Pt	-2.12597948	-1.13446105	-1.23705690
Pt	-1.90176121	1.71066038	0.04143662
Pt	0.16184601	0.84822863	1.32795920
9			
#3.84:singlet:UNK = -1074.07064711			
Pt	2.91928252	0.39648359	0.99166554
Pt	0.43962280	0.06227196	1.50913812
Pt	-1.21277301	2.48775975	-0.46080135
Pt	0.99320805	1.16307958	-0.74119716
Pt	0.11199316	-1.84416390	-0.18429733
Pt	-2.42287945	-1.81435533	0.21532336
Pt	-2.02566838	0.55556984	1.02583811
Pt	-1.17822818	-0.00120504	-1.36057050
Pt	2.37544249	-1.00544045	-0.99509879
9			
#3.70:singlet:UNK = -1074.07061841			
Pt	2.54113270	-0.20761749	1.30215657
Pt	-2.40907761	1.79096820	-0.23692208
Pt	-0.00308642	1.03995250	-0.68719430
Pt	-1.82449042	-0.64761420	-1.09563738
Pt	1.80797768	-0.66392470	-1.10240762
Pt	-0.01611372	-2.37038160	-0.58732299
Pt	-2.51137030	-0.21071910	1.32215333
Pt	2.39985849	1.79374560	-0.24875273
Pt	0.01516960	-0.52440920	1.33392720
9			
#3.142:triplet:UNK = -1074.07039036			
Pt	2.48177577	-1.25476123	-0.07744554
Pt	-2.26649011	0.01999633	0.90501050

Pt	-2.26197602	-0.56781838	-1.57246647
Pt	-0.36033114	-1.53469698	1.59692572
Pt	1.12194509	0.46666813	1.30965816
Pt	-0.22584529	0.99291666	-1.35918158
Pt	0.06608917	-1.46552180	-0.89859607
Pt	2.24714421	1.24671216	-0.77977945
Pt	-0.80231168	2.09650511	0.87587474

9

#3.193:triplet:UNK = -1074.07037992

Pt	-1.61814428	1.80118804	0.78167051
Pt	-1.97939290	-1.81905553	-0.97747932
Pt	2.36709341	-1.35310086	1.09195444
Pt	-1.15563799	0.59323864	-1.47720743
Pt	0.79185572	2.02798957	-0.49510390
Pt	2.61724651	0.26553495	-0.87167313
Pt	0.44446102	0.31075986	1.39767767
Pt	-1.97177989	-0.68035173	1.28714003
Pt	0.50429840	-1.14620294	-0.73697886

9

#3.55:septet:UNK = -1074.07033402

Pt	2.82043471	-0.52512623	0.11639478
Pt	0.22273266	2.12268091	0.73069670
Pt	1.62185077	1.26504385	-1.22148291
Pt	-1.80732395	-2.22596983	-0.45472561
Pt	0.76751184	-2.02864807	-0.17948222
Pt	0.71290681	-0.19983928	1.64690399
Pt	-0.49493890	-0.12377290	-1.18815941
Pt	-1.85756779	-0.16932693	1.05895479
Pt	-1.98560614	1.88495847	-0.50910010

9

#3.253:triplet:UNK = -1074.07024902

Pt	0.69308073	1.28248766	1.28348761
Pt	-1.32723752	2.37509327	-0.02007148
Pt	2.40648875	-0.60972928	-1.27760592
Pt	-2.12465172	-2.22710310	0.00168746
Pt	2.40310275	-0.62260731	1.26617988
Pt	-1.54161002	-0.01970420	-1.26214991
Pt	0.31750181	-1.45069740	-0.00797173
Pt	0.70578964	1.28450100	-1.25045809
Pt	-1.53246442	-0.01224064	1.26690219

9

#3.235:triplet:UNK = -1074.07016566

Pt	-0.09454341	1.25644450	1.29806260
Pt	1.48475390	2.69054849	-0.13804560
Pt	2.33760378	-2.30977711	0.09758851
Pt	1.97269069	0.18286079	0.02123541
Pt	0.01910708	-1.57722090	0.40649540
Pt	-1.85442382	-0.55142679	1.79118679
Pt	-2.53384991	0.48648291	-0.42518921
Pt	-1.23216951	-1.22258580	-1.75777700
Pt	-0.09916880	1.04467390	-1.29355690

9

#3.233:septet:UNK = -1074.07013638

Pt	3.17290630	-0.98154019	-0.00774345
Pt	-0.56590872	0.97665336	1.47642588
Pt	0.78590395	-1.51192922	-0.01807427
Pt	1.56690350	0.97685775	-0.01429719
Pt	0.00299851	3.01630520	-0.00359863
Pt	-1.04682402	-1.58199942	-1.76126680
Pt	-0.59577338	0.97343513	-1.46669362
Pt	-0.99657997	-1.58289908	1.77133340
Pt	-2.32362617	-0.28488353	0.02391467

9

#3.235:nonet:UNK = -1074.07012783

Pt	0.14354338	1.34280585	1.19287376
Pt	-2.19781041	-1.21592495	-0.87544607
Pt	0.33533990	-1.24037854	-1.26243305
Pt	2.50277729	1.22899898	0.12783178
Pt	0.42019271	1.26364446	-1.36916084
Pt	0.33516767	-1.18028216	1.29013295
Pt	-2.04822150	1.30842084	-0.62874826
Pt	-2.08601033	-0.19886716	1.51549417
Pt	2.59502128	-1.30841731	0.00945557

9

#3.129:quintet:UNK = -1074.07004386

Pt	-1.24230568	0.54906454	1.60732250
Pt	0.29102739	1.70090001	-0.32361114
Pt	0.88449261	-0.75345826	1.05127821
Pt	-2.24692411	1.62295939	-0.51131631
Pt	2.82912700	-0.92428970	-0.75972521
Pt	0.39505609	-0.58169892	-1.46754019
Pt	-2.11223391	-0.80513722	-1.19763056
Pt	-1.38523418	-1.94738567	0.98954066
Pt	2.58699480	1.13904583	0.61168205

9

#3.22:quintet:UNK = -1074.07002992

Pt	-2.31902858	-1.33388997	-0.71584941
Pt	0.42336296	-0.02889296	1.57546541
Pt	-1.40718063	1.80433155	-0.50326088
Pt	0.91597085	2.15709762	0.42744166
Pt	2.48342960	-1.28658606	0.58184158
Pt	2.18327530	0.57456979	-1.09785807
Pt	0.06825522	-1.98122241	0.02580085
Pt	-2.12056074	0.22210989	1.34353755
Pt	-0.22752398	-0.12751746	-1.63711870

9

#3.43:quintet:UNK = -1074.06996602

Pt	-2.25472942	-1.43566299	-1.06026659
Pt	-1.41338776	1.93751566	0.59771880
Pt	2.38508885	-1.27508841	1.11001730
Pt	1.22807056	2.04433545	-0.52344566
Pt	0.53172549	0.47300994	1.37778589
Pt	2.12432472	-0.24664560	-1.22218285
Pt	-0.68118766	0.54213906	-1.44512203

Pt	-2.05972154	-0.43597940	1.28850368
Pt	0.13981676	-1.60362371	-0.12300853

9

#3.126:singlet:UNK = -1074.06991103

Pt	2.25887497	-0.94788276	-1.24464438
Pt	-2.24833513	-0.97166439	-1.24379337
Pt	1.31977261	1.38742817	-0.79194501
Pt	2.07217887	-1.23765451	1.26586563
Pt	0.00021570	0.39204162	1.07089080
Pt	0.00965486	-1.73519700	-0.23988206
Pt	-1.33903949	1.37537301	-0.78608011
Pt	-0.01411826	2.99567021	0.70529876
Pt	-2.05920413	-1.25811435	1.26428974

9

#3.30:nonet:UNK = -1074.06980566

Pt	0.14971848	-1.35319484	1.27121575
Pt	0.41370067	-1.99844714	-1.22276747
Pt	2.42761354	-0.87493140	0.03309924
Pt	-1.81873809	-0.64990754	-0.99263389
Pt	0.72108675	0.67970567	-1.23573969
Pt	-1.55453749	1.88330587	-1.08913101
Pt	-0.29316443	1.16064385	1.07958414
Pt	-2.27507176	-0.48375185	1.52361812
Pt	2.22939234	1.63657737	0.63275482

9

#3.36:quintet:UNK = -1074.06979111

Pt	1.05311706	2.05401351	-0.50990054
Pt	-2.28700567	-1.51200273	0.65959446
Pt	2.45025521	-1.23942177	-0.63815760
Pt	2.16398620	0.54227066	1.19261568
Pt	0.28200729	-0.13976372	-1.48239719
Pt	-0.30598898	-0.04622078	1.42597292
Pt	-2.20298872	0.32676124	-1.09519097
Pt	0.12895364	-2.12153500	0.03104255
Pt	-1.28233603	2.13589859	0.41642069

9

#3.250:quintet:UNK = -1074.06976409

Pt	2.37705414	-1.37469357	0.97715728
Pt	0.24852740	-0.05872862	1.45057042
Pt	-1.74828965	1.56573620	0.97663706
Pt	-1.22145543	0.92078331	-1.47307472
Pt	0.72956514	1.90936953	-0.10530256
Pt	0.68684703	-0.90175261	-0.95381424
Pt	-2.13090747	-0.99461911	1.12323066
Pt	-1.75292575	-1.58805750	-1.30585401
Pt	2.81158458	0.52196237	-0.68954990

9

#3.56:septet:UNK = -1074.06971811

Pt	-0.13385856	-1.25928807	-1.11840254
Pt	2.36197723	-1.26092328	-0.67954848
Pt	-0.55928322	-1.26579793	1.36038475
Pt	-0.55883523	1.25544297	1.36646421

Pt	1.77936917	-0.00041973	1.52987303
Pt	-0.13432057	1.26389603	-1.11243338
Pt	-2.55923859	1.27255660	-0.33197744
Pt	2.36292142	1.26312322	-0.67799932
Pt	-2.55873168	-1.26858980	-0.33636080
9			
#3.295:triplet:UNK = -1074.06970207			
Pt	0.06256832	-1.65241011	0.04008702
Pt	2.04323498	-0.44642831	-1.23143803
Pt	1.27035006	1.96291969	-0.79291365
Pt	-2.29757740	-1.58972085	-0.90755884
Pt	-0.72704513	0.44165366	-1.37698329
Pt	2.31087524	-1.26942847	1.17473568
Pt	-2.00131248	-0.23543872	1.21821074
Pt	-1.29231122	2.13540968	0.53347369
Pt	0.63121762	0.65344342	1.34238668
9			
#3.199:triplet:UNK = -1074.06961801			
Pt	-1.34341520	1.25114960	-0.16300542
Pt	1.33384400	1.25852379	-0.16301158
Pt	2.48416633	-0.03758112	1.68929573
Pt	-1.66187934	-1.23551680	-0.45778893
Pt	0.00635099	-2.19754531	-2.02642312
Pt	1.67008856	-1.22583538	-0.45868341
Pt	-2.48262057	-0.05301976	1.69047094
Pt	0.00266786	-0.63927397	1.33574826
Pt	-0.00920264	2.87909896	-1.44660247
9			
#3.221:triplet:UNK = -1074.06952534			
Pt	-2.29642542	1.41152805	-0.76842602
Pt	-1.36326178	-1.63534230	1.32286222
Pt	2.83773752	-1.04158056	-0.56694238
Pt	0.93418871	-0.50851277	1.17185291
Pt	-2.08490568	-1.10287795	-1.08187688
Pt	2.56567378	1.28648625	0.32575748
Pt	-1.22472812	0.92314060	1.52067259
Pt	0.21974108	1.56842329	-0.60599752
Pt	0.41197992	-0.90126461	-1.31790239
9			
#3.97:singlet:UNK = -1074.06950833			
Pt	-1.14926331	0.18501951	-1.52398248
Pt	0.08994649	1.73385960	0.04046923
Pt	-2.13334069	-0.67757072	1.12213792
Pt	2.86730821	-0.55360040	1.00067249
Pt	2.47254779	1.19867132	-0.71734969
Pt	0.36317171	-0.39549071	1.44596471
Pt	-2.44642221	1.69141219	0.29273404
Pt	1.08842180	-0.95987719	-0.97260750
Pt	-1.15236979	-2.22242360	-0.68803870
9			
#3.125:triplet:UNK = -1074.06945299			
Pt	-1.39545310	1.07682110	-0.27027811

Pt	1.29826870	1.13751290	0.10920211
Pt	-0.06607239	-1.11185070	-1.21767790
Pt	-0.09866401	3.16949500	-0.05615450
Pt	-2.36932371	-0.63925170	1.40199728
Pt	2.65629059	-0.84520559	1.14473062
Pt	0.14107369	-0.97775890	1.31219080
Pt	-2.58596049	-1.10130181	-1.07010282
Pt	2.41984071	-0.70846030	-1.35390748

9

#3.186:singlet:UNK = -1074.06936995

Pt	0.61528380	1.21962300	1.34397159
Pt	0.34727300	-1.44447710	-0.05164020
Pt	2.41493732	-0.54969032	-1.26391568
Pt	-1.59527600	-0.08226479	1.25378997
Pt	0.75129073	1.38568729	-1.19623471
Pt	2.36931469	-0.64480631	1.30049472
Pt	-2.08654980	-2.24386409	-0.09927583
Pt	-1.44039107	0.01543231	-1.28200553
Pt	-1.37588267	2.34436001	-0.00518433

9

#3.57:quintet:UNK = -1074.06935757

Pt	-1.98020773	-1.94909494	-0.72462839
Pt	0.48588176	-1.92441211	0.01887686
Pt	0.99455291	1.68708838	0.27655608
Pt	-0.41895609	0.08644114	-1.14922549
Pt	-2.31449062	0.16323801	0.72415787
Pt	0.02551445	-0.13647946	1.80510211
Pt	-1.44358817	2.35177223	-0.31745364
Pt	2.50729496	-0.53057597	0.90585564
Pt	2.14399852	0.25202271	-1.53924104

9

#3.81:triplet:UNK = -1074.06931522

Pt	-1.11686544	1.80746857	1.26035214
Pt	-0.48238565	-0.20953840	-1.17372101
Pt	-0.61552380	2.42089348	-1.10766437
Pt	1.62402156	1.15796459	-0.86645082
Pt	0.71596838	-1.97515681	0.12320724
Pt	2.96166501	-0.75986281	0.22182753
Pt	0.95766736	0.30327895	1.44465799
Pt	-1.71690326	-2.43662475	-0.54732078
Pt	-2.32764415	-0.30842281	0.64511207

9

#3.198:nonet:UNK = -1074.06923412

Pt	0.57958160	-0.05246194	-1.99140239
Pt	0.78275062	-1.67806557	-0.05589144
Pt	-1.25717792	0.02073913	1.39870129
Pt	2.86528849	-0.07522604	-0.25176208
Pt	-1.59724406	2.29051308	0.15810862
Pt	1.30021628	0.03949779	1.80702331
Pt	-1.83033000	0.02638934	-1.10320391
Pt	0.86319676	1.66027412	-0.14513725
Pt	-1.70628177	-2.23165992	0.18356386

9

#3.84:quintet:UNK = -1074.06922542
Pt 0.65228449 -1.34588870 -0.02677902
Pt -0.98706498 2.61203922 -0.87553048
Pt 0.92614951 1.24736689 0.12945870
Pt -1.52810801 -2.41548798 -0.87823644
Pt 2.62776240 -0.13797070 -1.24488071
Pt 2.57785840 -0.30689373 1.29238959
Pt -1.38772260 0.10990372 -1.10558781
Pt -1.54000551 -1.17544791 1.35711007
Pt -1.34115369 1.41237919 1.35205610

9

#3.243:triplet:UNK = -1074.06911660
Pt 0.86926423 -0.88430880 -1.35898512
Pt 0.88073889 -0.86206948 1.37039558
Pt -1.28075331 0.84887604 -0.00718914
Pt -1.52336316 -0.54489083 2.19843917
Pt -1.53748800 -0.58424525 -2.18589433
Pt 3.00677398 -0.62081552 -0.00525808
Pt -0.43480389 3.14500105 -0.01590168
Pt 1.31639493 1.33008757 -0.01225448
Pt -1.29676367 -1.82763476 0.01664809

9

#3.151:quintet:UNK = -1074.06907128
Pt -1.29859303 1.81101108 1.01541955
Pt 2.18836091 -0.56065908 -1.23701112
Pt 1.00637461 0.76685898 1.35303685
Pt -2.14928464 -0.58295464 1.24362477
Pt 1.28961062 1.81052880 -1.00753530
Pt -1.03140125 0.78110439 -1.34575201
Pt -2.34066786 -1.46988824 -1.12328429
Pt 2.32841479 -1.46361708 1.12485781
Pt 0.00718585 -1.09238421 -0.02335625

9

#3.190:quintet:UNK = -1074.06907101
Pt 2.35853176 -1.41254618 1.01940106
Pt 1.92693358 -0.32403062 -1.24140722
Pt 1.23282793 2.09278958 -0.75666186
Pt -1.92374282 -0.33515190 1.24064708
Pt -0.74245350 0.54513433 -1.29047250
Pt 0.01685776 -1.75726381 0.00035385
Pt 0.72591020 0.55497295 1.28926450
Pt -1.25949237 2.08958699 0.74683343
Pt -2.33537254 -1.45349135 -1.00795835

9

#3.242:septet:UNK = -1074.06906721
Pt -1.46794584 0.36107533 -1.63532250
Pt -1.59166680 -1.01106564 1.49414846
Pt 2.39500667 1.35985981 -0.38068248
Pt -0.14657563 1.87970921 0.03107812
Pt 0.88247237 -0.62515933 -1.06241998
Pt 2.95898049 -1.03155006 0.39158102

Pt	-1.23543542	-2.05358143	-0.82875700
Pt	-2.55833972	1.15878642	0.56316457
Pt	0.76350389	-0.03807432	1.42720980
9			
#3.196:triplet:UNK = -1074.06900448			
Pt	-0.98115172	2.05630453	-0.97692041
Pt	2.47482480	-1.29039929	-0.05193179
Pt	0.85221699	0.25910713	-1.24670279
Pt	-1.98454101	-0.22667030	1.83629773
Pt	0.13175949	-1.45108964	0.99318961
Pt	-2.43908021	0.00392505	-0.66453588
Pt	2.56184978	1.29525144	0.36866775
Pt	-0.74273400	-1.73063069	-1.39517667
Pt	0.12685588	1.08420177	1.13711246
9			
#3.293:quintet:UNK = -1074.06899484			
Pt	2.68539421	-1.14557792	-0.64513124
Pt	-1.01047641	1.07514465	1.51897016
Pt	0.09602900	1.37645197	-0.77461765
Pt	-1.02752581	-1.45384396	1.31848184
Pt	1.31907919	-0.20506695	1.39339062
Pt	2.58062500	1.34654989	-0.27669393
Pt	0.16943781	-1.15010883	-0.97750956
Pt	-2.36787679	-1.17693653	-0.88472497
Pt	-2.44468620	1.33338767	-0.67216526
9			
#3.109:triplet:UNK = -1074.06898500			
Pt	-1.63941600	2.04567350	-0.42089363
Pt	0.35437320	-0.13753035	1.41100329
Pt	2.09386164	0.84451645	-1.13342728
Pt	0.43074560	-2.16908281	-0.09734327
Pt	2.62459805	-0.99853523	0.57614206
Pt	-0.31489001	-0.03556613	-1.28937980
Pt	0.71083981	2.20295726	0.50890897
Pt	-2.19357709	0.07391338	1.06414911
Pt	-2.06653519	-1.82634607	-0.61915945
9			
#3.22:septet:UNK = -1074.06885830			
Pt	2.66161881	-0.04577932	0.94740972
Pt	0.78997487	1.77418602	-0.00131920
Pt	-1.67345223	-2.29849255	-0.37259397
Pt	0.79596126	-1.73205188	0.00713543
Pt	-1.72178255	2.26983625	-0.31638342
Pt	-0.72703318	0.02080917	-1.25159009
Pt	0.14337440	0.02152242	1.73193841
Pt	1.97748932	0.03555983	-1.54494288
Pt	-2.24615069	-0.04558995	0.80034600
9			
#3.265:quintet:UNK = -1074.06874470			
Pt	0.75014719	-1.37052863	-1.23557897
Pt	0.74341950	-1.29722689	1.29325823
Pt	-0.12296988	0.99089828	-1.28612181

Pt	-0.11960427	1.06609862	1.24991579
Pt	-1.83213231	-1.01696060	-1.26769686
Pt	-1.84364139	-0.93195175	1.31311484
Pt	1.98188453	1.80628117	-0.04300333
Pt	-2.43118977	1.33540583	-0.03939130
Pt	2.87408640	-0.58201604	0.01550341

9

#3.253:quintet:UNK = -1074.06861119

Pt	-2.12782631	0.00494581	-1.28134395
Pt	2.75654610	-0.00960011	-0.72451469
Pt	-1.67174749	1.94404481	0.32132468
Pt	1.66516717	0.00087806	1.64025994
Pt	-1.68653724	-1.93668909	0.32164600
Pt	-0.90308053	0.00062837	1.77422491
Pt	0.82237099	1.72177335	-0.09711527
Pt	0.33542947	-0.00273776	-1.86326132
Pt	0.80967785	-1.72324344	-0.09122030

9

#3.242:triplet:UNK = -1074.06858695

Pt	2.52861088	1.05169882	-0.78478382
Pt	-2.27337862	1.70630148	0.40095960
Pt	-1.20472461	0.39969707	-1.54336139
Pt	0.87607261	-0.92098370	-0.94212898
Pt	-2.07524538	-0.70720361	1.16923863
Pt	2.85088602	-0.77687685	0.87819490
Pt	-1.37778368	-2.13679033	-0.82019875
Pt	0.26531108	1.77048800	0.13043389
Pt	0.41025171	-0.38633088	1.51164591

9

#3.123:septet:UNK = -1074.06852576

Pt	0.07504123	-1.54770510	0.99189429
Pt	-0.69386195	2.45572909	-0.40257487
Pt	2.17736478	-1.25915727	-0.98788846
Pt	-0.37199778	0.84877269	1.54843381
Pt	-2.13985710	-1.93892912	-0.28637946
Pt	1.54702155	1.28699262	-0.89285433
Pt	2.13903612	0.00998142	1.30201445
Pt	-2.45115672	0.57305657	0.00079436
Pt	-0.28159014	-0.42874090	-1.27343979

9

#3.280:quintet:UNK = -1074.06847195

Pt	0.21123069	-1.38056773	-0.54675477
Pt	-1.70331079	0.68922279	-0.43105819
Pt	0.58599755	0.38154165	2.31867328
Pt	-0.83498667	2.98783968	-0.50423477
Pt	2.28313732	-0.74595101	0.73207989
Pt	-1.35180088	-0.98478566	1.39952095
Pt	2.22526388	-0.44024508	-1.82937102
Pt	-2.31534702	-1.72451432	-0.90742752
Pt	0.89981592	1.21745968	-0.23142785

9

#3.220:septet:UNK = -1074.06843713

Pt	-1.80965245	-2.12610022	-0.11600287
Pt	-0.52450550	0.12249072	1.32061100
Pt	1.02464950	1.75099387	-0.64274525
Pt	2.44781664	-0.36521532	-1.20292440
Pt	-0.13274176	-0.42937298	-1.19814511
Pt	2.03941639	0.28990418	1.27719271
Pt	-2.48076151	0.40065355	-0.56168840
Pt	-1.22754105	2.41916590	0.43191477
Pt	0.66331974	-2.06251969	0.69178754

9

#3.267:quintet:UNK = -1074.06840165

Pt	2.84791033	-0.87985572	-0.85831881
Pt	-0.06892204	3.19235800	0.00125514
Pt	1.35820170	1.14177223	-0.29912084
Pt	1.49077232	-0.88518023	1.34943988
Pt	-1.24489951	1.03660998	0.04983935
Pt	-1.98341847	-1.50515344	0.31981654
Pt	0.31706113	-1.26495776	-0.81473634
Pt	-0.85846710	-0.35199730	2.26222499
Pt	-1.85823837	-0.48359575	-2.01039992

9

#3.202:quintet:UNK = -1074.06839507

Pt	2.47516940	1.00954892	-0.90545889
Pt	2.53494091	-1.03011573	0.52148058
Pt	-0.92471704	2.44551370	0.18034402
Pt	-0.77798861	-1.00316274	1.86103393
Pt	-2.39260401	0.39611269	0.47004287
Pt	-1.97064736	-1.20696927	-1.47538988
Pt	0.00281741	0.44299447	-1.35886150
Pt	0.25682963	-1.85503670	-0.35614293
Pt	0.79619967	0.80111466	1.06295180

9

#3.136:nonet:UNK = -1074.06837963

Pt	2.67574613	-1.18041356	-0.32797786
Pt	0.31124701	-0.66044197	-1.30560052
Pt	-2.03516301	0.35568189	-1.37485605
Pt	-0.28527661	1.65851871	1.54270168
Pt	-0.21403654	2.10157201	-1.00016561
Pt	1.98393429	1.22556631	0.10291844
Pt	-1.08495454	-2.41209304	0.01705293
Pt	0.62556224	-0.84122816	1.21580217
Pt	-1.97705897	-0.24716220	1.13012482

9

#3.244:nonet:UNK = -1074.06832211

Pt	0.47046842	-0.11780924	1.57457620
Pt	0.16175172	1.68981510	-0.16714796
Pt	0.96862537	-1.01906603	-0.79773138
Pt	-1.99699099	-0.57717052	1.08921005
Pt	-1.46456362	0.02008279	-1.36537928
Pt	-1.18684825	-2.41601909	-0.56116460
Pt	-2.34828237	1.86769096	0.28294267
Pt	2.49795250	1.09167594	-0.98288678

Pt	2.89788721	-0.53919990	0.92758108
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9

#3.209:septet:UNK = -1074.06827606

Pt	2.76705948	-0.86020981	-0.96390032
Pt	-1.05720376	-1.86862743	0.98053830
Pt	-2.48149118	1.52603358	-0.45854854
Pt	-1.03090251	0.60140694	1.61257552
Pt	0.24411508	-0.90758145	-1.08606354
Pt	2.51551282	1.40830414	0.15549829
Pt	0.05001863	1.57070472	-0.47012992
Pt	1.30427227	-0.54923839	1.28814668
Pt	-2.31138082	-0.92079230	-1.05811646

9

#3.123:quintet:UNK = -1074.06827011

Pt	-2.30495700	0.24938023	0.99836976
Pt	1.00374987	1.59038936	0.31965546
Pt	2.57474057	-0.40745279	1.00073985
Pt	-0.51319018	0.02783845	-1.60923911
Pt	-1.37862950	2.12985913	-0.42616610
Pt	2.12001983	0.10658764	-1.49938797
Pt	0.49573732	-1.75996714	-0.08110983
Pt	-2.06105357	-1.76395644	-0.53034717
Pt	0.06358267	-0.17267845	1.82748511

9

#3.120:septet:UNK = -1074.06826064

Pt	-1.41136610	-1.32994096	-1.26745485
Pt	0.13067016	0.43904438	1.30328981
Pt	-2.06042393	1.09162630	-0.61087063
Pt	0.19122319	-2.02163451	0.65468427
Pt	0.62273582	0.37079164	-1.21274118
Pt	-0.14190371	2.64460408	-0.02728516
Pt	2.35933239	-1.40580800	-0.50733017
Pt	-2.16346718	-0.78502643	1.19034984
Pt	2.47319936	0.99634349	0.47735807

9

#3.117:triplet:UNK = -1074.06818014

Pt	-2.11135279	-0.67493058	1.14145911
Pt	-2.45906360	1.67821541	0.29245108
Pt	2.89738081	-0.54798377	0.97558353
Pt	0.39334171	-0.35241417	1.47085512
Pt	0.07777891	1.73462111	0.02072349
Pt	-1.15828108	0.16627709	-1.52448590
Pt	2.45056441	1.19419671	-0.74821149
Pt	1.07379682	-0.96677140	-0.94083767
Pt	-1.16416518	-2.23121040	-0.68753727

9

#3.84:septet:UNK = -1074.06813906

Pt	0.24845983	1.25241311	1.23238307
Pt	2.55386130	-1.26544543	0.05576559
Pt	-2.05353748	-0.01435736	1.54351131
Pt	0.36445761	1.26893978	-1.31959173
Pt	0.25163811	-1.26777449	1.22477350

Pt	-2.14410121	-1.25574999	-0.75492908
Pt	2.55596032	1.25952327	0.07516505
Pt	-2.13180918	1.27551731	-0.72919621
Pt	0.35507069	-1.25306622	-1.32788150

9

#3.266:quintet:UNK = -1074.06813222

Pt	-0.95979870	2.07822294	-0.95359851
Pt	-0.75680780	-1.69220354	-1.44256347
Pt	0.10875200	-1.48824434	0.96114334
Pt	0.12478270	1.05610305	1.15061944
Pt	2.57520840	1.28258489	0.39229845
Pt	2.47813720	-1.29328359	-0.05370046
Pt	-1.99947440	-0.24987318	1.83762419
Pt	-2.43217560	0.03574072	-0.65934020
Pt	0.86137620	0.27095305	-1.23248279

9

#3.223:triplet:UNK = -1074.06809079

Pt	-0.32222103	2.97983790	0.54373429
Pt	-2.70547172	-0.92407915	-1.67415724
Pt	-1.00763018	-1.57797731	-0.02204106
Pt	0.24633816	-1.75190138	2.17235442
Pt	1.15194338	1.11728891	-0.39566972
Pt	1.51088652	-1.36037988	-0.01541780
Pt	-1.46715882	0.93972248	-0.56095277
Pt	-0.17173838	0.73144421	1.74446921
Pt	2.76505207	-0.15395578	-1.79231933

9

#3.237:septet:UNK = -1074.06808841

Pt	-1.55668588	-2.24417577	0.63423874
Pt	1.99573323	-0.53653599	1.31593414
Pt	2.19038150	-1.49820379	-1.08219383
Pt	-0.51030353	0.00901788	1.36241628
Pt	0.27685014	2.42302701	0.93270691
Pt	1.63763717	0.99811646	-0.69545992
Pt	-0.24899755	-0.78413042	-1.05800499
Pt	-2.67004221	-0.11758513	-0.30397705
Pt	-1.11457287	1.75046974	-1.10566029

9

#3.299:septet:UNK = -1074.06807485

Pt	2.75004682	-0.85069864	-0.58283813
Pt	-2.01241010	0.18433591	-1.52304221
Pt	0.47454223	-1.88911260	0.02063632
Pt	0.93630306	2.18860592	-0.29858872
Pt	-1.45332663	1.76886675	0.38909885
Pt	0.52411470	0.01669206	-1.53570611
Pt	-2.04561517	-1.64084525	0.24310262
Pt	-0.81703660	-0.16178290	1.92124178
Pt	1.64338169	0.38393876	1.36609561

9

#3.266:nonet:UNK = -1074.06800958

Pt	-1.29164281	0.10689018	-1.59245699
Pt	-2.87895951	-1.14447725	0.05942200

Pt	3.25427250	-0.18695232	0.04583465
Pt	-1.34073779	0.34187820	1.55564983
Pt	-0.34428062	-1.57835789	0.12580845
Pt	1.18150661	1.38274982	-0.13920050
Pt	1.29615141	-0.41147264	1.70635745
Pt	1.35182478	-0.73810025	-1.59553848
Pt	-1.22813458	2.22784215	-0.16587641

9

#3.289:quintet:UNK = -1074.06796869

Pt	1.98761809	0.39523946	-0.08476510
Pt	-0.31366400	1.05530631	-1.21429251
Pt	-1.48985414	-1.17402736	-1.71170002
Pt	-2.59489771	0.41844555	-0.07599392
Pt	0.23770205	-1.61394420	0.07281778
Pt	-1.52609875	-0.98007668	1.77072688
Pt	1.15264363	2.82131618	-0.12422009
Pt	-0.08971451	1.11907930	1.37070079
Pt	2.63626534	-2.04133855	-0.00327381

9

#3.22:singlet:UNK = -1074.06795666

Pt	-1.63200505	2.27284967	-0.49192438
Pt	-1.73179106	-2.20287213	-0.54791622
Pt	2.07212289	0.05721996	-1.59708332
Pt	-0.49618511	0.01520680	-1.11786541
Pt	0.01495531	-0.05296872	1.82150069
Pt	2.54897051	-0.07746846	0.93525537
Pt	0.72914204	-1.79981659	0.09789596
Pt	0.79839077	1.74482641	0.19148420
Pt	-2.30360030	0.04302305	0.70865310

9

#3.205:singlet:UNK = -1074.06787859

Pt	-2.29892029	0.18627111	1.15392923
Pt	0.25098412	0.34943889	1.29744450
Pt	-1.94502527	-0.93072198	-1.17679609
Pt	0.44196707	-0.03400000	-1.26986350
Pt	1.72547048	-2.07710417	-0.39918114
Pt	-1.30201383	1.80267068	-0.68171597
Pt	-0.58032630	-1.98161127	0.75310779
Pt	2.60622170	0.24485168	0.32022217
Pt	1.10164231	2.44020506	0.00285301

9

#3.250:septet:UNK = -1074.06787617

Pt	-0.27481870	-0.64485480	-0.85326887
Pt	-2.38446890	-1.78798067	0.10063986
Pt	1.53183962	-0.03071817	1.45263570
Pt	-1.39908878	2.04143503	0.36542488
Pt	3.23807331	0.40032018	-0.55217892
Pt	-1.05660778	-0.17550295	1.61683372
Pt	-2.55211499	0.41591670	-1.20563658
Pt	0.95156752	1.54146280	-0.51264343
Pt	1.94561870	-1.76007811	-0.41180636

9

#3.150:quintet:UNK = -1074.06783920

Pt	0.29404751	-0.49235779	1.31063989
Pt	-1.30355659	0.00073557	-1.37797441
Pt	1.21355871	-0.84046032	-1.04343420
Pt	-2.20265269	-0.69234430	0.91231260
Pt	0.00245171	1.71823439	0.05983967
Pt	-2.53240709	1.76154839	0.24331427
Pt	2.43270911	1.42242438	-0.63741613
Pt	-0.74076299	-2.45997022	-0.48909468
Pt	2.83661231	-0.41781010	1.02181299

9

#3.246:triplet:UNK = -1074.06779542

Pt	2.56430663	-2.10185679	-0.03802567
Pt	1.22071253	2.78983702	-0.09889913
Pt	0.00445440	1.06708694	1.40252981
Pt	-0.35682542	1.12215763	-1.18065429
Pt	1.99012133	0.34808466	-0.15111250
Pt	-1.36601438	-1.08878984	1.78890875
Pt	0.17741177	-1.61278089	-0.13619536
Pt	-2.54041266	0.47376153	0.15113123
Pt	-1.69375419	-0.99750026	-1.73768285

9

#3.195:nonet:UNK = -1074.06768544

Pt	2.19158640	-1.53934811	0.24274720
Pt	-2.28697019	-1.71998687	-0.36730041
Pt	-1.22081352	1.84051699	0.60079280
Pt	-2.19120948	0.62180903	-1.42761723
Pt	2.28913593	0.07935574	-1.75388075
Pt	1.22600499	1.70240435	-0.09405594
Pt	-1.22745463	-0.51958265	1.62171799
Pt	1.21923436	0.11745430	1.93102909
Pt	0.00048612	-0.58262278	-0.75343276

9

#3.288:nonet:UNK = -1074.06764280

Pt	2.66621592	0.61588930	-1.84493581
Pt	-0.76419673	-1.55879758	-0.28508277
Pt	-2.71175903	-1.00591211	-1.71427106
Pt	-0.79105039	2.60645556	1.30807980
Pt	1.84056620	-0.92002693	-0.11778669
Pt	0.75179497	-2.28092458	1.71329991
Pt	-0.22434496	0.12063743	1.66119380
Pt	-1.65721616	0.87162683	-0.40431148
Pt	0.88999017	1.55105208	-0.31618570

9

#3.159:nonet:UNK = -1074.06762654

Pt	-1.85050233	1.22317797	-0.95517580
Pt	2.13450324	1.67949488	-0.26018591
Pt	0.04480280	-2.41092096	0.62070984
Pt	0.70821647	0.03292328	1.20573421
Pt	-1.86458437	-0.08121111	1.30135071
Pt	-1.73216461	-1.39263337	-0.94752287
Pt	0.45785738	0.01753773	-1.33280509

Pt	-0.18506502	2.40250733	0.62290528
Pt	2.28693643	-1.47087574	-0.25501037

9

#3.132:nonet:UNK = -1074.06760323

Pt	-2.16643631	-1.95026569	-0.18185291
Pt	0.15717832	-1.53722712	0.87766469
Pt	1.96782042	-1.38056441	-1.01100951
Pt	1.49927567	1.33608521	-0.90324650
Pt	-0.43460342	-0.32548818	-1.29898510
Pt	-0.13490725	0.91393949	1.52772851
Pt	-2.43950687	0.54342082	0.28406211
Pt	2.34611240	-0.01736005	1.18025779
Pt	-0.79493297	2.41745994	-0.47461908

9

#3.94:nonet:UNK = -1074.06753456

Pt	2.57293102	-0.88302504	-1.14371443
Pt	-2.42243558	-0.68336248	-1.07179493
Pt	-1.70146508	-1.62230896	1.20639313
Pt	0.78612102	-1.21632812	0.72620595
Pt	2.68752961	0.58003168	0.92693253
Pt	-1.92041650	1.74402700	-0.44158944
Pt	0.68195830	1.72356641	-0.23685253
Pt	0.07482172	-0.36129584	-1.58712561
Pt	-0.75904450	0.71869533	1.62154533

9

#3.292:triplet:UNK = -1074.06752372

Pt	2.47246347	0.81018209	0.93970304
Pt	-1.92480501	-1.62239888	0.56142963
Pt	-1.91989661	-0.41621933	-1.68252758
Pt	0.98292847	1.80263866	-0.82992371
Pt	0.60009829	-0.62378343	-1.54061589
Pt	-1.46357883	1.67308796	-0.29991955
Pt	0.38461518	-0.64656814	1.02486570
Pt	-1.68389534	0.50330571	1.94252727
Pt	2.55207039	-1.48024464	-0.11553891

9

#3.105:quintet:UNK = -1074.06742228

Pt	2.51457306	0.79176318	0.32790315
Pt	-0.10169698	-2.03818139	0.68955149
Pt	-1.78965003	1.38378121	-0.64715145
Pt	0.20156996	0.42017299	1.31922570
Pt	-2.24652928	-0.40410838	1.19177395
Pt	0.55746099	0.10543409	-1.22108241
Pt	-1.68232718	-1.19443379	-1.23310867
Pt	2.19322411	-1.69203400	-0.40438247
Pt	0.35337535	2.62760609	-0.02272929

9

#3.198:triplet:UNK = -1074.06735461

Pt	2.54185710	-0.03353593	0.93721088
Pt	-1.65933743	2.26659357	-0.49168289
Pt	2.00246139	0.03011497	-1.65116962
Pt	0.76199122	-1.79148148	0.10835605

Pt	0.79089498	1.76296833	0.15322532
Pt	0.05056581	-0.02778722	1.83214789
Pt	-1.70625008	-2.23532903	-0.51868152
Pt	-2.28068830	0.02338191	0.70727080
Pt	-0.50149470	0.00507487	-1.07667691
9			
#3.129:triplet:UNK = -1074.06734132			
Pt	1.44687189	1.61072377	-0.61670353
Pt	-0.34476121	-0.01578636	1.55001711
Pt	-0.13022585	-1.97636720	0.01423986
Pt	-0.79886279	2.19790222	0.42243217
Pt	-2.49032253	-1.20747735	0.69378825
Pt	2.18255669	0.24099040	1.39304759
Pt	2.24438456	-1.29829924	-0.70601337
Pt	-2.20790452	0.65071520	-1.00088879
Pt	0.09826376	-0.20240144	-1.74991929
9			
#3.79:triplet:UNK = -1074.06733848			
Pt	-1.00720130	0.21013625	-1.43135422
Pt	2.60126189	-0.04770564	-0.91380832
Pt	-1.93811632	-0.33504924	1.22549117
Pt	0.36090310	0.82404851	1.38935888
Pt	2.15562286	-0.96976793	1.43700138
Pt	0.87482343	1.83136830	-0.89730402
Pt	-1.63499486	2.07270026	0.27573028
Pt	0.54031836	-1.49839269	-0.46994152
Pt	-1.95261716	-2.08733783	-0.61517363
9			
#3.181:triplet:UNK = -1074.06733539			
Pt	2.12340049	-0.15789180	1.43272411
Pt	-2.79730371	-0.42783942	0.40907987
Pt	-0.20193282	2.33978730	0.60923194
Pt	-1.19409507	-2.36919156	0.09707895
Pt	-1.78840914	1.29592428	-1.13245069
Pt	-0.40553300	-0.15054971	1.25060249
Pt	2.45371337	-1.30200007	-0.81243250
Pt	0.05038680	-0.51194478	-1.21604951
Pt	1.75977306	1.28370575	-0.63778466
9			
#3.114:triplet:UNK = -1074.06731414			
Pt	-2.05714302	-0.53551212	1.21893817
Pt	0.46057850	-1.11784061	1.15868350
Pt	-1.07510142	-2.38418212	-0.68320693
Pt	-0.43383902	1.40215911	1.48999280
Pt	2.87418705	-0.79700942	0.29196354
Pt	-0.64311762	2.55319917	-0.78612020
Pt	0.81703225	-0.70003413	-1.30636059
Pt	-1.53300193	0.17563699	-1.21960572
Pt	1.59040521	1.40358312	-0.16428457
9			
#3.74:nonet:UNK = -1074.06731403			
Pt	2.54920643	0.98160390	-0.82056349

Pt	-1.18898995	-1.56914458	-1.16582716
Pt	-2.73794123	-0.48675298	0.56152420
Pt	0.05982732	1.30684374	1.12433938
Pt	1.49943555	-1.38086466	-0.78113784
Pt	-2.05703695	1.81532337	-0.29464416
Pt	0.02858603	0.72013527	-1.35313251
Pt	-0.34334906	-1.20122374	1.26244964
Pt	2.19026187	-0.18592032	1.46699194

9

#3.117:nonet:UNK = -1074.06727096

Pt	-2.26191318	0.33165043	-0.74706904
Pt	2.62542658	-0.93620677	-1.04047388
Pt	0.27307305	-0.08745196	-1.54986811
Pt	-1.63823429	-2.10346195	-0.20000206
Pt	-0.63518905	2.24581880	-1.08850060
Pt	2.44769218	0.55777380	1.03315393
Pt	-1.59525929	-0.30983667	1.67781606
Pt	0.66366456	-1.25876257	0.66778159
Pt	0.12073944	1.56047690	1.24716211

9

#3.114:quintet:UNK = -1074.06725664

Pt	-0.10751839	-0.92271123	-1.27913546
Pt	-2.45638510	1.45394441	-0.17598724
Pt	2.53660610	1.34915612	-0.27176082
Pt	-2.59194529	-0.96950566	-0.75297208
Pt	-0.62266441	0.78629061	1.61793263
Pt	2.39180631	-1.05929094	-0.94333706
Pt	-0.77746960	-1.66269606	1.06234369
Pt	1.58554829	-0.50241508	1.44234307
Pt	0.04202210	1.52722784	-0.69942672

9

#3.121:quintet:UNK = -1074.06723563

Pt	-0.40372729	-0.15475693	1.24817418
Pt	2.46980675	-1.27957710	-0.81785404
Pt	-1.20340721	-2.36648645	0.06102896
Pt	2.13283181	-0.20707673	1.43129577
Pt	-1.79780265	1.27451164	-1.12573211
Pt	-0.21799969	2.36023059	0.58794250
Pt	-2.81252428	-0.43308811	0.42928788
Pt	0.06538762	-0.50200629	-1.21188323
Pt	1.76743495	1.30824937	-0.60225991

9

#3.64:triplet:UNK = -1074.06722020

Pt	-1.98364509	-1.18697716	-1.47106324
Pt	-0.81260119	-1.02041389	1.84588075
Pt	-0.88614858	2.45013772	0.18595547
Pt	2.53859641	-1.05142887	0.50253935
Pt	0.24980421	-1.85855681	-0.36994010
Pt	-2.39194289	0.42678384	0.46498228
Pt	0.80099721	0.77158757	1.07767066
Pt	0.00586671	0.45194094	-1.35678912
Pt	2.47907321	1.01692666	-0.87923605

9

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#3.50:quintet:UNK = -1074.06721444
Pt    -2.36310692    -1.07949411    -1.17051117
Pt    -0.88635415     2.29427493     0.08595216
Pt     2.38943967    -1.20415674     0.36578557
Pt     0.00713736    -1.80042412    -0.39295142
Pt    -0.08547423    -0.79143699     1.94821673
Pt     1.22310772     1.13565342     0.99018464
Pt    -0.29269778     0.40482033    -1.49332403
Pt     2.21270533     0.75363098    -1.30792533
Pt    -2.20475700     0.28713230     0.97457286
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9

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#3.236:septet:UNK = -1074.06721156
Pt     1.03918111    -0.07751819     1.31396840
Pt    -1.69530870     1.84672317    -0.09644104
Pt     3.12204341     0.77336953    -0.08343018
Pt    -1.40684140     0.24753638     1.90120757
Pt    -2.31904936    -0.14976315    -1.52767734
Pt     0.77624111     1.60199830    -0.62049881
Pt     0.04035534    -0.85461041    -0.95761701
Pt     2.37323295    -1.61491518    -0.34398638
Pt    -1.92985446    -1.77282043     0.41447477
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9

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#3.292:singlet:UNK = -1074.06715510
Pt    -0.30923262    -0.01093011    -1.27607851
Pt     0.31392547    -0.16367371     1.42350239
Pt     0.41824486    -2.16400651    -0.11403241
Pt     2.11260579     0.81929947    -1.15294020
Pt    -1.60767910     2.08055830    -0.38925882
Pt     2.60468197    -1.01001103     0.60979130
Pt    -2.07839723    -1.79784629    -0.64661062
Pt    -2.21191343     0.08121511     1.03961698
Pt     0.75776429     2.16539478     0.50600989
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9

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#3.197:nonet:UNK = -1074.06710111
Pt     2.06810843    -0.54944340    -1.26395622
Pt    -2.06936177    -0.54455605    -1.26633768
Pt     2.55209609    -0.47567347     1.27841598
Pt    -2.55241901    -0.47661903     1.27700570
Pt    -2.36053492     1.71045686    -0.03701239
Pt    -0.00237397    -1.92360697    -0.68511293
Pt     2.36380538     1.70866141    -0.04139752
Pt     0.00085410     1.00883723    -0.69052669
Pt    -0.00017432    -0.45805658     1.42892174
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9

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#3.207:septet:UNK = -1074.06706553
Pt    -2.12995511    -0.66362806     1.21794229
Pt     0.39352499    -0.55652712     1.67733730
Pt     0.26874097    -1.71879840    -0.60963551
Pt     0.56184555     1.79892708     0.77856371
Pt     2.45099824     1.01880445    -0.82468339
Pt    -1.94506195     1.61666424     0.14550190
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Pt	2.57658518	-1.19125706	0.39296670
Pt	-2.10862721	-0.95698505	-1.35414721
Pt	-0.06805067	0.65279991	-1.42384580

9

#3.206:nonet:UNK = -1074.06692285

Pt	-3.08428679	-0.73285983	0.09479117
Pt	0.66450968	1.62853722	0.05330858
Pt	-0.66428138	-1.63068490	0.06092932
Pt	1.29323141	-0.41755846	1.52335897
Pt	-1.29326290	0.41845262	1.52521213
Pt	-0.00352541	-0.00430329	-1.77829450
Pt	1.95257151	-1.43553153	-0.78962128
Pt	3.08605429	0.73450814	0.09723903
Pt	-1.95101042	1.43944003	-0.78692342

9

#3.37:singlet:UNK = -1074.06689621

Pt	0.04549149	-1.63063760	0.54750011
Pt	-0.09587830	0.38808136	-1.42789993
Pt	2.13385131	1.48330556	-0.47592495
Pt	-1.97420891	-1.30586362	-1.03165840
Pt	2.03532989	-1.07163745	-1.06632100
Pt	-0.00032079	1.12770731	1.02875505
Pt	-2.14561640	-0.31066396	1.35154478
Pt	2.11744780	-0.31279960	1.45510969
Pt	-2.11609609	1.63250800	-0.38110536

9

#3.166:triplet:UNK = -1074.06687066

Pt	-1.94426813	-1.62177009	0.97944759
Pt	2.10173686	0.79716819	-0.61166861
Pt	-1.38640498	1.80646134	-0.30376862
Pt	0.86500069	2.49262714	0.79806468
Pt	0.53740518	-1.83680997	0.35897339
Pt	-0.10560319	-0.12638551	-1.42164301
Pt	2.94325247	-1.47693257	-0.17927831
Pt	-0.36330911	0.32809979	1.43088189
Pt	-2.64780978	-0.36245832	-1.05100901

9

#3.203:singlet:UNK = -1074.06686130

Pt	0.05445980	-0.50986381	-1.22426060
Pt	2.45838321	-1.28112889	-0.82108101
Pt	-2.79363999	-0.45784323	0.41789102
Pt	-1.80744092	1.27198637	-1.13218989
Pt	-0.23457691	2.35096599	0.60405740
Pt	-1.15558508	-2.37562322	0.10286591
Pt	1.74793839	1.30854860	-0.61825841
Pt	2.13149661	-0.16066349	1.42887699
Pt	-0.40103509	-0.14637831	1.24209860

9

#3.60:quintet:UNK = -1074.06685567

Pt	0.81361837	-1.92076021	-0.17803699
Pt	0.41013843	2.18195689	0.21776273
Pt	-1.66991723	-2.17814707	-0.74074093

Pt	-0.44271568	0.08397942	-1.13782909
Pt	2.76337648	-0.52439445	0.75551474
Pt	2.03009913	0.86967038	-1.26872856
Pt	-2.16770122	-0.35588067	0.99209218
Pt	0.35101758	-0.07007762	1.55508852
Pt	-2.08791587	1.91365334	-0.19512260

9

#3.104:nonet:UNK = -1074.06678903

Pt	0.02654700	0.07991932	1.24232190
Pt	-2.27222240	1.11408081	0.83613759
Pt	-2.40570900	-0.90640920	-0.76967790
Pt	2.51847770	-0.46906778	1.01316401
Pt	-0.27731151	2.48882321	-0.04892922
Pt	-0.21212610	0.25891850	-1.36392610
Pt	2.01522790	1.43892991	-0.63253551
Pt	-0.71492920	-2.29285059	0.58857531
Pt	1.32204560	-1.71234419	-0.86513009

9

#3.44:septet:UNK = -1074.06678277

Pt	1.67651938	-0.00057793	1.66142271
Pt	-2.17468851	0.01101090	-0.94381371
Pt	0.84787089	-1.75924034	-0.05581183
Pt	0.86793179	1.75250086	-0.06741636
Pt	0.22534500	-0.00432096	-1.73440070
Pt	-0.91783612	0.00300151	1.36088270
Pt	-1.62916714	-2.23853149	0.28799527
Pt	-1.60099148	2.25187331	0.28948081
Pt	2.70501619	-0.01571587	-0.79833889

9

#3.262:septet:UNK = -1074.06675984

Pt	0.08834945	2.44754770	-0.36574762
Pt	0.42445542	-0.20292062	-1.25104397
Pt	-1.85242650	-1.50761638	-1.02619507
Pt	2.44482970	-1.57604013	-0.36635032
Pt	-1.96012677	1.02494172	-0.83228822
Pt	2.39075032	0.95919328	0.02817493
Pt	0.31936660	0.80401983	1.55112801
Pt	-2.05408121	-0.34487334	1.36976270
Pt	0.19888298	-1.60425208	0.89255955

9

#3.119:quintet:UNK = -1074.06674797

Pt	-1.90610405	1.97326206	-0.52041327
Pt	-0.49347273	-0.12111035	-1.17143090
Pt	-1.96982311	-0.11723274	1.00758332
Pt	2.80558244	-0.57792304	0.24863307
Pt	0.31680168	2.18386337	0.67248761
Pt	-1.78663850	-2.26621195	-0.43587240
Pt	0.57049869	-0.19057216	1.57519609
Pt	0.75303691	-2.06022386	-0.18824672
Pt	1.71011868	1.17614867	-1.18793680

9

#3.284:triplet:UNK = -1074.06673291

Pt	-0.56306151	0.23681083	-1.29987411
Pt	2.82159019	0.17850073	-0.34802729
Pt	-1.53613147	-2.10122587	-0.84021193
Pt	-2.31487901	-0.52126432	0.99965211
Pt	-2.18765144	1.82108175	0.03062282
Pt	1.15145976	2.05329738	-0.71883817
Pt	0.99547982	-1.62767392	-0.65702964
Pt	1.72917320	-0.85944272	1.69532214
Pt	-0.09597953	0.81991613	1.13838407

9

#3.277:nonet:UNK = -1074.06659746

Pt	2.59691803	-0.78359512	-0.17852992
Pt	-2.27095400	-0.02246419	-1.20201933
Pt	-0.28747988	2.30705188	-0.60650312
Pt	2.04240994	1.70203936	0.35567298
Pt	0.50066760	-0.10762800	1.30078528
Pt	0.27405911	-0.10733500	-1.28361542
Pt	0.57742229	-2.47133119	-0.29283853
Pt	-1.63812454	-1.57093027	0.80183127
Pt	-1.79491854	1.05419252	1.10521678

9

#3.23:triplet:UNK = -1074.06658051

Pt	2.23560279	-1.14905404	-0.92318769
Pt	-2.05156278	-0.22243671	1.50138422
Pt	-2.23542551	-1.14923040	-0.92306266
Pt	-2.19138328	1.44506247	-0.53985044
Pt	2.19083412	1.44519602	-0.53999087
Pt	2.05196082	-0.22196165	1.50120419
Pt	0.00025060	-1.56842874	0.47602599
Pt	-0.00015140	0.17763623	-1.44484346
Pt	-0.00012537	1.24321682	0.89232073

9

#3.14:septet:UNK = -1074.06654009

Pt	1.59146651	0.00291570	1.68141959
Pt	-1.62511990	2.08421800	0.29332236
Pt	-0.98220029	0.01187059	1.62297330
Pt	-1.71274890	-2.06025770	0.30295495
Pt	2.79910420	-0.10908756	-0.63783351
Pt	0.76788520	-1.68999743	-0.08401799
Pt	-2.07912581	0.02443789	-1.21207669
Pt	0.88066480	1.71775487	-0.09273432
Pt	0.36007419	0.01814565	-1.87400770

9

#3.114:septet:UNK = -1074.06649980

Pt	-1.92793149	-1.94630791	-0.29049820
Pt	2.17950360	-0.31084533	-1.42403311
Pt	0.05416250	0.27706250	1.79427861
Pt	-1.53944051	1.98198262	-0.66481030
Pt	2.61011510	-0.09463216	1.11981960
Pt	0.58029061	-1.63180322	0.21149362
Pt	0.95918859	1.67078030	-0.13552291
Pt	-0.52614780	-0.17112873	-1.58407321

Pt	-2.38974060	0.22489193	0.97334591
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9

#3.239:septet:UNK = -1074.06649357

Pt	2.75911871	0.03758450	-1.16524419
Pt	-1.70617269	0.13618693	1.30518651
Pt	0.70881381	1.35889621	-0.26543891
Pt	0.46628831	-1.07493661	-1.21683467
Pt	-1.58040170	2.39445221	0.09720817
Pt	2.41924351	0.31938844	1.34682900
Pt	-1.69620498	-2.12137090	-0.11116565
Pt	-1.78458649	0.22078718	-1.31922879
Pt	0.41390152	-1.27098797	1.32868853

9

#3.185:quintet:UNK = -1074.06647686

Pt	-2.39237149	0.67408471	0.42777763
Pt	2.55305880	-1.13162803	0.48828696
Pt	0.02323669	0.41711109	-1.27116280
Pt	0.82342862	0.66203888	1.13373569
Pt	0.31676358	-1.97252881	-0.41897781
Pt	-0.70212168	2.52138829	0.14090332
Pt	-1.02141989	-1.12386691	1.56489851
Pt	-2.05118433	-1.17916169	-1.28048318
Pt	2.45060970	1.13256247	-0.78497832

9

#3.246:septet:UNK = -1074.06646970

Pt	2.83000148	-0.46187975	-1.00134870
Pt	-1.36083371	-0.01921678	1.39413221
Pt	-0.61680325	-2.40218609	0.53461290
Pt	2.43664612	1.54108166	0.50492971
Pt	-0.03664068	1.64869470	-0.07967838
Pt	0.28912078	-0.62729040	-1.26758779
Pt	-2.24380983	-0.71211606	-0.92140779
Pt	1.27055688	-0.69268953	1.11348991
Pt	-2.56823778	1.72560225	-0.27714208

9

#3.237:triplet:UNK = -1074.06628621

Pt	1.18371004	-0.28349299	-1.62995309
Pt	-1.13681045	-1.15863345	2.25250290
Pt	-2.00603740	2.38958162	-0.04194563
Pt	2.86865597	0.77837063	-0.01693799
Pt	1.18941688	-0.22935709	1.63693670
Pt	0.42969883	1.64822782	-0.02686187
Pt	-1.55241670	-0.02402966	0.00293537
Pt	0.16433008	-1.87977288	0.03142250
Pt	-1.14054724	-1.24089401	-2.20809888

9

#3.186:septet:UNK = -1074.06625837

Pt	1.61899314	1.76259443	1.11923951
Pt	0.78118776	1.02009098	-1.19071464
Pt	-0.20523744	-1.29527873	-1.19027092
Pt	-0.71411266	0.67721014	1.32525668
Pt	-1.53094445	2.00456111	-0.70398568

Pt	-2.48409476	-0.35237640	-0.48488596
Pt	2.33809868	-1.03078035	-1.19008995
Pt	1.37006101	-0.82538825	1.19446505
Pt	-1.17395128	-1.96063293	1.12098592

9

#3.152:nonet:UNK = -1074.06623053

Pt	-0.65434923	-2.13515991	0.21910157
Pt	-3.05893910	0.94104762	-0.04034279
Pt	1.12645077	-0.19038088	1.34321490
Pt	-1.48463633	-0.17117338	1.67654537
Pt	-0.58512410	1.45818742	-0.21213123
Pt	0.98131340	-0.62257164	-1.18051292
Pt	-1.63129010	-0.57012390	-1.57477875
Pt	3.30784089	-0.46046892	-0.05861528
Pt	1.99873380	1.75064360	-0.17248088

9

#3.123:triplet:UNK = -1074.06614763

Pt	2.02924769	-0.70367856	-1.25982871
Pt	1.04293298	1.56977632	-0.26991798
Pt	-0.74191481	-0.07554897	-1.28201640
Pt	0.39619599	-0.13992471	1.52689180
Pt	-2.05294141	0.58066458	1.13476921
Pt	0.17303710	-2.10623479	-0.12385283
Pt	-2.36438520	-1.66501570	-0.01953802
Pt	2.89135469	0.21070881	0.93552100
Pt	-1.37352702	2.32925301	-0.64202806

9

#3.244:singlet:UNK = -1074.06613578

Pt	-2.39640274	-0.45905179	1.72276034
Pt	0.31737639	-2.13457307	-2.07599910
Pt	2.50522483	0.30976317	1.64682194
Pt	-0.46200246	2.85276870	-1.42711813
Pt	-1.43248490	-1.44010089	-0.46360004
Pt	1.06025871	1.43167357	-0.11504529
Pt	1.82556341	-0.93638599	-0.51262947
Pt	-1.56110567	1.05946983	-0.12915975
Pt	0.14357242	-0.68356353	1.35396949

9

#3.196:nonet:UNK = -1074.06612468

Pt	1.02244569	1.03950251	-0.61278490
Pt	-0.10511846	-1.35970962	-0.85081228
Pt	-2.31481117	-0.18058387	-1.40166984
Pt	-1.28058903	1.01910389	0.64169825
Pt	2.55556358	-0.19407933	1.07990236
Pt	2.36593475	-1.07722698	-1.32396573
Pt	-0.15744976	3.14751770	0.01109954
Pt	-2.24653219	-1.49804763	0.79172548
Pt	0.16055658	-0.89647667	1.66480712

9

#3.212:septet:UNK = -1074.06610634

Pt	2.84464601	-0.62115661	-0.66590306
Pt	-1.46128554	0.20628205	1.24843359

Pt	-2.07487099	-0.23029360	-1.19237763
Pt	1.18108127	1.35624096	-0.84912823
Pt	1.09765429	-1.07825120	1.20526690
Pt	0.34940133	-0.96020695	-1.23322021
Pt	0.71647753	1.42266988	1.66674646
Pt	-1.24406475	2.14712880	-0.55886375
Pt	-1.40903917	-2.24241333	0.37904593

9

#3.259:triplet:UNK = -1074.06607602

Pt	-1.48537738	1.10127504	0.32556298
Pt	1.46353351	1.10398258	-0.37312273
Pt	-0.05968946	3.04920951	-0.09124538
Pt	2.73042258	-1.12345015	-0.91403648
Pt	0.22064128	-1.04479752	-1.23431967
Pt	-2.69204621	-1.10904603	0.97967514
Pt	-0.19377381	-0.87100005	1.27419782
Pt	-2.26157481	-0.63123459	-1.45407247
Pt	2.27786430	-0.47493878	1.48736080

9

#3.119:singlet:UNK = -1074.06607431

Pt	0.63065643	-1.29527320	-0.37290993
Pt	0.30768957	0.59917009	1.41269577
Pt	0.64792513	1.68550737	-0.87691729
Pt	-1.68898344	-2.37949778	-0.42642647
Pt	-1.37834972	0.10727708	-1.36177761
Pt	2.64123538	0.12793683	-1.08488061
Pt	-1.57968858	2.21815677	0.33458298
Pt	-2.07063780	-0.32520081	1.04154702
Pt	2.49015301	-0.73807635	1.33408614

9

#3.162:singlet:UNK = -1074.06606695

Pt	-0.89057231	-2.45337452	-0.53617554
Pt	2.91104232	-0.39260972	0.95064588
Pt	-2.05968598	-0.65350326	1.03473682
Pt	1.12401821	-0.92362625	-0.92504269
Pt	-1.30177049	-0.04312113	-1.38301900
Pt	2.37783543	1.31952714	-0.79861386
Pt	-2.54909836	1.72056143	0.22592516
Pt	-0.01956936	1.72987809	-0.03941466
Pt	0.40780053	-0.30373177	1.47095789

9

#3.175:triplet:UNK = -1074.06603680

Pt	0.08705803	-1.29246483	0.89516327
Pt	2.11158872	0.23345619	1.35921437
Pt	1.84022197	1.43362823	-0.90252360
Pt	2.19669121	-1.51141547	-0.57409526
Pt	0.06425528	-0.30600688	-1.46732881
Pt	-2.14985169	-1.42465303	-0.53057109
Pt	-1.94956418	0.08572133	1.59932043
Pt	-2.03656153	1.13139098	-1.05910405
Pt	-0.16383781	1.65034347	0.67992473

9

#3.45:singlet:UNK = -1074.06602083
Pt -0.01166407 -0.36873159 1.76597889
Pt -2.23381982 0.49447188 0.85591802
Pt -2.31749084 -1.47013153 -0.73698637
Pt -0.37718217 0.10286671 -1.43051942
Pt -0.96668113 2.37371533 -0.26025905
Pt 2.38676724 -0.97745847 0.75748156
Pt 1.23234922 1.47632846 0.63855032
Pt 2.15177634 0.37801662 -1.46104595
Pt 0.13594523 -2.00907740 -0.12911800

9

#3.68:singlet:UNK = -1074.06597959
Pt -1.64588669 -1.26531486 -1.28057885
Pt -1.64483232 1.28325093 -1.26274843
Pt -1.61960664 1.27087632 1.27453756
Pt 0.91411380 -1.26537593 1.25604657
Pt 0.91528826 1.24496865 1.27563965
Pt -1.62059390 -1.28761247 1.25731033
Pt 2.92729809 -0.00062230 -0.07985307
Pt 0.88662481 -1.24142536 -1.23001522
Pt 0.88759458 1.26125502 -1.21033853

9

#3.140:triplet:UNK = -1074.06595348
Pt 2.82681188 0.58797730 0.57715533
Pt -1.17308674 1.14762424 1.39162015
Pt -2.14479666 -1.15898974 -1.01757450
Pt 0.24075671 -0.26001565 -1.43334368
Pt 0.75221183 1.90531114 -0.16933894
Pt -1.76893125 -1.34390148 1.47781500
Pt 0.67960543 -0.73778389 1.06651901
Pt -1.75737855 1.39420957 -1.12590515
Pt 2.34480735 -1.53443149 -0.76694721

9

#3.279:nonet:UNK = -1074.06594454
Pt -2.80458200 -0.64988028 -0.37592959
Pt -1.34113516 0.37884311 1.65255124
Pt -1.83557979 1.76974722 -0.45306839
Pt 0.73753741 1.53333071 -0.39219004
Pt -0.39399691 -0.39656573 -1.60702361
Pt 1.84278800 -1.37142108 -0.77447589
Pt -0.62794239 -1.81550433 0.50539612
Pt 3.17110521 0.70010568 -0.04041101
Pt 1.25180563 -0.14865529 1.48515118

9

#3.157:triplet:UNK = -1074.06592139
Pt -1.29585709 -0.41932002 1.49225951
Pt -1.98451121 1.12740528 -0.42957899
Pt 1.10833610 0.56105629 1.26689320
Pt -2.81234160 -1.29372063 -0.54833499
Pt 2.04935471 -1.72642030 0.55252549
Pt -0.03590851 2.67287509 0.28018650
Pt 0.40509559 0.64214589 -1.22657150

Pt	-0.29314139	-1.67479261	-0.46828920
Pt	2.85897340	0.11077100	-0.91909001

9

#3.285:nonet:UNK = -1074.06579260

Pt	-2.14060618	1.66650733	0.11928851
Pt	0.00407137	0.63499062	1.25852199
Pt	0.58991369	2.43129631	-0.56119204
Pt	1.09529894	-1.88588067	-0.38367249
Pt	-2.15654658	-0.72213546	1.05683704
Pt	-1.36128716	-2.19403356	-0.88882325
Pt	2.21592162	-0.59636771	1.51146428
Pt	-0.48366185	0.18943007	-1.26690120
Pt	2.23689615	0.47619307	-0.84552284

9

#3.87:septet:UNK = -1074.06576240

Pt	2.81053221	-0.04006034	-0.50293790
Pt	-1.55925583	2.34678228	0.15060137
Pt	0.89226718	1.78322563	-0.03585232
Pt	0.46766802	-0.00235129	-1.74179171
Pt	-1.67459125	-2.28205052	0.12678199
Pt	0.81503774	-1.82584747	-0.04626020
Pt	1.38124230	-0.03410356	1.70496400
Pt	-1.18084730	0.00227020	1.37762818
Pt	-1.95205308	0.05213507	-1.03313342

9

#3.73:triplet:UNK = -1074.06574576

Pt	-0.53279927	1.17239070	1.38003030
Pt	-2.54775731	-1.24590000	-0.34197965
Pt	1.76788533	-0.06507091	1.54373987
Pt	2.33561370	1.30550677	-0.60087815
Pt	-0.14333741	1.32575488	-1.09607231
Pt	2.34194958	-1.23485293	-0.73368573
Pt	-0.13470673	-1.20929332	-1.18722469
Pt	-0.54143978	-1.34142430	1.28580062
Pt	-2.54540810	1.29288910	-0.24973027

9

#3.213:nonet:UNK = -1074.06574126

Pt	-0.02390251	-1.47029814	1.11824654
Pt	1.50669967	-1.64763897	-0.96228077
Pt	0.03764298	1.10194807	1.06125392
Pt	1.97746077	1.81229082	-0.49134427
Pt	-0.01765613	0.38487314	-1.38542290
Pt	-1.57552903	-1.63425027	-0.96557565
Pt	2.38118369	-0.23694293	1.02953847
Pt	-2.35537221	-0.19055474	1.03383400
Pt	-1.93052723	1.88057301	-0.43824934

9

#3.121:nonet:UNK = -1074.06573518

Pt	-1.72865492	1.27699062	-0.45564352
Pt	1.48761348	-1.98081001	0.18779202
Pt	0.50679510	2.52352990	-0.26884847
Pt	-1.68077925	0.27962137	1.89974936

Pt	-1.05182031	-1.80524120	0.56052350
Pt	2.89806118	0.12069629	-0.22465579
Pt	-1.76855847	-0.95255575	-1.75270056
Pt	0.81392963	0.44928467	1.29090898
Pt	0.52341355	0.08848412	-1.23712551

9

#3.194:quintet:UNK = -1074.06573391

Pt	-1.45689727	-1.71892215	0.28176729
Pt	1.46209556	1.16328153	-0.24895147
Pt	0.66681522	-1.17223099	-1.23285729
Pt	-1.47004892	-0.05209356	2.22908010
Pt	-1.75734958	-0.70193994	-2.02294500
Pt	-1.17828303	0.98326776	-0.15048239
Pt	2.92203101	-0.93873104	-0.04864918
Pt	-0.06186269	3.16568839	-0.25780957
Pt	0.87349970	-0.72832000	1.45084751

9

#3.46:nonet:UNK = -1074.06571261

Pt	-0.27017268	-1.79276890	-0.25691767
Pt	-1.86266987	-0.64193503	-1.89150599
Pt	2.76281549	0.98097533	-0.41499125
Pt	-1.21600211	-0.96095470	1.94486441
Pt	2.25683992	-1.50674828	0.07171595
Pt	0.38224371	0.52179350	-1.29128488
Pt	0.86581858	0.42727782	1.26536023
Pt	-0.54927723	2.37075960	0.28138461
Pt	-2.36959581	0.60160068	0.29137459

9

#3.154:septet:UNK = -1074.06568625

Pt	-1.42891179	-0.62344065	1.33869447
Pt	1.43206737	1.77846156	-0.96661606
Pt	1.46010472	-1.12513182	1.58422345
Pt	-1.99733612	1.75700757	0.42832935
Pt	0.39492472	-1.56808636	-0.74491256
Pt	0.38083438	1.20112768	1.27054663
Pt	-2.15107968	-1.56917899	-0.93389736
Pt	2.66525580	-0.40523393	-0.54160883
Pt	-0.75585941	0.55447495	-1.43475909

9

#3.294:septet:UNK = -1074.06559929

Pt	2.57247198	-0.62955100	1.03744335
Pt	-1.16577650	1.22687612	0.47756978
Pt	-2.23314857	-0.09935238	-1.42100375
Pt	1.31781221	1.04692271	-0.40241437
Pt	-0.37578929	-1.68339039	-0.73593301
Pt	-2.42124853	-1.09418088	0.95533925
Pt	0.20883992	3.22526761	-0.09513729
Pt	2.01725092	-1.21208529	-1.40028926
Pt	0.07958786	-0.78050649	1.58442530

9

#3.143:triplet:UNK = -1074.06559730

Pt	0.08325362	-2.03413731	0.65084893
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Pt	0.63636711	0.30852545	-1.22248229
Pt	0.14471502	0.43145140	1.30479401
Pt	-1.98274505	1.18868377	-0.59895529
Pt	2.30860774	-1.49519841	-0.47141568
Pt	-0.00142379	2.65558379	-0.02471201
Pt	-2.20183523	-0.70456411	1.18112193
Pt	2.49423114	0.91884719	0.45854569
Pt	-1.48117056	-1.26919176	-1.27774527

9

#3.291:nonet:UNK = -1074.06558880

Pt	-0.13120470	-1.42545516	-0.60244317
Pt	-2.00311532	0.16491980	-1.61307635
Pt	1.60445561	-0.83730676	1.36252626
Pt	0.40200239	1.04433652	-0.89047175
Pt	-0.74216748	0.08811012	1.85490152
Pt	2.66504920	1.21930742	0.27997277
Pt	2.32241359	-0.87368330	-1.19547376
Pt	-2.43439129	-1.27098824	0.50335749
Pt	-1.68304200	1.89075961	0.30070699

9

#3.224:quintet:UNK = -1074.06552632

Pt	-1.59812990	-2.31149943	0.57830442
Pt	-2.58917751	-0.12475630	-0.32631120
Pt	2.33975524	-1.34174683	-1.06863610
Pt	0.06600201	2.40462060	0.97746696
Pt	-1.09767152	1.76479263	-1.16526423
Pt	1.53137305	1.06343041	-0.63958023
Pt	-0.51885760	-0.07893137	1.34825269
Pt	-0.17044235	-0.92145201	-1.04754330
Pt	2.03714858	-0.45445769	1.34331099

9

#3.184:nonet:UNK = -1074.06548448

Pt	0.02175751	-1.29363088	-1.16279202
Pt	-1.40478401	-1.99276862	0.93427155
Pt	2.58235320	-0.84958547	-1.01699799
Pt	1.53010057	1.56515258	1.33099785
Pt	-2.37387320	-0.31376219	-0.81012113
Pt	0.88907960	1.13401572	-1.12628197
Pt	-1.46788921	2.06991391	-0.66007858
Pt	1.11284048	-0.98426022	1.13387179
Pt	-0.88958493	0.66492517	1.37713050

9

#3.260:singlet:UNK = -1074.06548194

Pt	1.58729920	1.62638731	-0.41803037
Pt	-2.00294455	0.75612460	-0.66812186
Pt	-1.86650720	-1.86449328	-1.07808951
Pt	0.20718199	0.34888300	1.26892612
Pt	-0.64879366	2.65856347	0.36417286
Pt	2.72534703	-0.67649021	-0.83329752
Pt	-2.03115264	-0.93299693	1.26853391
Pt	1.83286140	-1.57020800	1.29278017
Pt	0.19670841	-0.34576996	-1.19687380

9

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#3.161:septet:UNK = -1074.06541931
Pt      2.37570851    -0.16470025      1.41061509
Pt      -0.80269699     1.63493372      1.00617152
Pt      -0.67634210     1.02401776     -1.47588461
Pt      2.56429249     -0.73259462     -1.11944005
Pt      -0.08797179     -0.76409024      1.44513007
Pt      1.54441740      1.49799387     -0.30982218
Pt      -2.13375791     -1.76531676      0.21984149
Pt      -2.87964350      0.60578501     -0.17356646
Pt      0.09599389     -1.33602849     -1.00304487
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9

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#3.212:triplet:UNK = -1074.06540771
Pt      1.92429873     -1.78038719     -0.34999648
Pt      -2.40455538     -1.78197101      0.07457614
Pt      -0.28177687     -0.65059100     -0.85171052
Pt      0.95622891      1.54105910     -0.51154359
Pt      3.22387812      0.37502232     -0.61399245
Pt      -1.38766851      2.04024329      0.39283076
Pt      -1.04092912     -0.19947241      1.60857407
Pt      -2.54748717      0.44132609     -1.19583016
Pt      1.55801128      0.01477081      1.44709222
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9

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#3.213:quintet:UNK = -1074.06540731
Pt      -1.46076361      1.68081778      0.27110694
Pt      -1.88587503     -0.39811723      1.69827590
Pt      0.36487320     -0.63352618     -1.00810841
Pt      2.45786810      0.82144133     -0.96432429
Pt      0.63116537     -0.63525728      1.54569149
Pt      -1.72122199      0.47438618     -1.93956924
Pt      -1.93334441     -1.63370114     -0.52437877
Pt      0.97387968      1.78680613      0.85146724
Pt      2.57341868     -1.46284959      0.06983914
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9

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#3.273:septet:UNK = -1074.06530772
Pt      0.80582053     -1.00483185      1.21724791
Pt      2.82289273     -0.80078441     -0.43759989
Pt      -1.47296403     -2.19461594      0.51570322
Pt      1.26279696      1.22471563     -0.88558913
Pt      -1.99907529     -0.25917929     -1.19354541
Pt      -1.11699597      2.15713405     -0.73425955
Pt      -1.47621872      0.40277167      1.21745608
Pt      0.77622854      1.55346805      1.59470836
Pt      0.39751524     -1.07867791     -1.29412159
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9

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#3.207:nonet:UNK = -1074.06527387
Pt      -3.00785718     -1.03786042      0.18723628
Pt      -1.71922870      0.39678036     -1.55354713
Pt      3.28316109      0.62067256     -0.05991662
Pt      2.04145263     -1.59421700     -0.56888556
Pt      -1.26192051      0.23257761      1.59750909
Pt      1.34319379     -0.12849785      1.47862113
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Pt	-0.99970774	2.26107100	0.05504733
Pt	0.86409719	0.77879886	-0.91087804
Pt	-0.54319057	-1.52932511	-0.22518648

9

#3.258:nonet:UNK = -1074.06526563

Pt	-2.41180219	1.73566532	-0.26869349
Pt	2.22056071	1.87496189	0.25472285
Pt	0.75833879	-0.06588932	1.32875342
Pt	0.81558241	-1.20405529	-1.39038359
Pt	2.91347950	-0.55714802	-0.04907857
Pt	-0.56010962	-2.21977940	0.56470628
Pt	-1.86103101	-0.10423571	1.46550349
Pt	-1.89823829	-0.63908308	-1.11558211
Pt	0.02321971	1.17956361	-0.78994828

9

#3.160:septet:UNK = -1074.06516414

Pt	-1.79895829	-0.02504119	1.43383813
Pt	-0.01944770	1.10834400	-0.86755798
Pt	-1.85845254	-0.76612816	-1.05753317
Pt	2.11805793	1.93718684	0.27656381
Pt	-2.40992378	1.76895494	-0.30147964
Pt	0.77613920	-0.05051494	1.28273310
Pt	-0.49435255	-2.22879691	0.68806449
Pt	0.79385935	-1.28409831	-1.35182111
Pt	2.89307838	-0.45990627	-0.10280763

9

#3.182:nonet:UNK = -1074.06515924

Pt	2.23243970	1.50331600	0.05240915
Pt	-1.89768942	-0.72933520	1.37294087
Pt	-2.78217719	0.87642732	-0.45706623
Pt	2.86390070	-0.98221759	-0.25122247
Pt	0.33058608	0.65342039	1.71346531
Pt	-1.60851579	-1.25744537	-1.19771154
Pt	0.73458932	-0.21295628	-1.45845299
Pt	-0.39555089	1.79602282	-0.43220789
Pt	0.52241749	-1.64723210	0.65784579

9

#3.281:singlet:UNK = -1074.06515764

Pt	-0.10147917	0.81210001	1.12533919
Pt	2.83247609	0.17886468	-0.31365717
Pt	1.17303930	2.05159789	-0.70841384
Pt	-1.52424503	-2.08960439	-0.85349407
Pt	-2.31118488	-0.53339018	1.00282704
Pt	-2.20936539	1.81031851	0.04825013
Pt	-0.56272073	0.25622960	-1.32062750
Pt	1.70303143	-0.87901990	1.69891806
Pt	1.00044838	-1.60709621	-0.67914183

9

#3.142:septet:UNK = -1074.06515266

Pt	0.50755591	-1.64572780	0.62856928
Pt	0.66505918	-0.23995970	-1.50792672
Pt	-1.90696188	-0.81797030	1.37575022

Pt	-2.65279491	0.98123410	-0.34200237
Pt	-0.26250161	1.88368050	-0.52803241
Pt	2.26844130	1.42393440	0.22962775
Pt	2.83830900	-1.02812070	-0.26267415
Pt	0.24853092	0.65008820	1.62717499
Pt	-1.70563792	-1.20715870	-1.22048659

9

#3.298:singlet:UNK = -1074.06508533

Pt	-0.27879491	0.69770690	-1.45376786
Pt	1.15650678	0.80837305	1.17682676
Pt	2.21172128	1.05667130	-1.08168522
Pt	2.43540270	-1.23022068	0.16446063
Pt	-2.31336610	-0.86067162	-1.37919156
Pt	0.05916051	-1.65582575	-0.68892310
Pt	-0.20162141	-1.19148840	1.80535783
Pt	-2.21673852	0.13935103	0.96636930
Pt	-0.85227033	2.23610417	0.49055323

9

#3.292:quintet:UNK = -1074.06507178

Pt	-0.31161245	2.93078302	0.03451469
Pt	0.26099198	-0.75809709	1.34456920
Pt	-1.85777009	1.01445195	-0.28926500
Pt	2.79694047	-0.78525854	1.08374000
Pt	-0.07796442	-0.49050639	-1.17282480
Pt	2.45536877	-0.82365674	-1.39293000
Pt	1.45282391	1.19550568	0.03180769
Pt	-2.45005034	-1.43024905	-1.05568409
Pt	-2.26872783	-0.85297284	1.41607231

9

#3.261:septet:UNK = -1074.06506587

Pt	0.63162281	-1.53950748	0.59976395
Pt	-0.36658091	0.93511208	-1.09045719
Pt	-1.25531056	-1.49153624	-1.13931729
Pt	-1.85632062	-0.99556633	1.36339179
Pt	2.04253008	0.63396074	-0.24217024
Pt	2.89211653	-1.72694804	-0.32710610
Pt	-0.09570746	0.91885951	1.44873761
Pt	-2.86234711	0.39083793	-0.65230454
Pt	0.86999723	2.87478782	0.03946202

9

#3.83:septet:UNK = -1074.06505648

Pt	2.62887900	1.54274400	-0.17516230
Pt	-0.45994807	-1.99541575	-0.69431000
Pt	0.17350520	1.10370856	-0.59290837
Pt	-2.13781830	1.85210339	0.30006859
Pt	-1.97393389	-0.08433920	-1.37234640
Pt	2.54236272	-0.55976302	1.23825951
Pt	0.00387802	-0.53896674	1.37768122
Pt	1.75842831	-0.76706966	-1.20708267
Pt	-2.53535298	-0.55300157	1.12580042

9

#3.62:septet:UNK = -1074.06500476

Pt	0.15462360	-0.67488111	-1.40229380
Pt	-0.49994622	-2.27314979	0.57955111
Pt	0.06457231	1.48368540	-0.00333841
Pt	2.59054941	1.56451488	0.25975820
Pt	2.66370010	-0.68807102	-0.92010299
Pt	-2.33231310	-0.67650809	-0.88510980
Pt	1.27142229	-0.49436660	1.24382261
Pt	-1.48636910	-0.03203748	1.46304720
Pt	-2.42623929	1.79081381	-0.33533412

9

#3.88:quintet:UNK = -1074.06498976

Pt	-2.15205634	-1.61324775	-0.66174164
Pt	-2.09461242	0.95225575	-0.88907581
Pt	0.47346440	-0.30398599	1.30875990
Pt	1.71930517	-2.14113983	-0.10151721
Pt	-0.35333677	2.03253319	0.66475912
Pt	2.84112109	0.05159540	0.42443813
Pt	0.08358133	-0.46308527	-1.20885130
Pt	1.53911095	1.67213097	-1.01476527
Pt	-2.05657741	-0.18705648	1.47799408

9

#3.151:nonet:UNK = -1074.06497602

Pt	2.23055380	-0.24259565	0.89739949
Pt	-2.22820160	-0.20831762	0.90610901
Pt	0.00505157	0.40405831	-1.31386830
Pt	0.01508818	1.26993992	1.08463089
Pt	-1.93134754	1.94546548	-0.47566900
Pt	-1.38617239	-1.76017051	-0.97226098
Pt	1.34393591	-1.79510247	-0.95905280
Pt	-0.01293158	-1.53073138	1.31788301
Pt	1.96402366	1.91745394	-0.48517132

9

#3.189:nonet:UNK = -1074.06495728

Pt	-2.60013380	-0.87056631	-0.84812599
Pt	-2.05191919	1.65172962	-0.62675843
Pt	1.95163869	-0.72132835	1.30771570
Pt	-0.09719160	-0.40910600	-1.45398855
Pt	2.65490331	1.43425008	0.03718782
Pt	2.41475580	-0.75829989	-1.24375809
Pt	-2.06579490	0.16403710	1.49473947
Pt	-0.38954481	-1.65102691	0.76227372
Pt	0.18328651	1.16031066	0.57071435

9

#3.193:septet:UNK = -1074.06493724

Pt	2.51120367	-0.14317202	-1.30609741
Pt	-0.07664632	-0.96444549	1.25148204
Pt	2.42880869	-0.49007455	1.25431320
Pt	-2.34087742	-0.30239637	-0.05296616
Pt	-0.06562414	-0.44317045	-1.27903048
Pt	-1.09167828	1.99890797	-1.12221903
Pt	1.08548352	1.39464856	0.16589156
Pt	-1.19653226	1.56293884	1.41482118

Pt	-1.25413748	-2.61323650	-0.32619491
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9

#3.136:singlet:UNK = -1074.06493699

Pt	-1.46145359	0.25149340	-0.42236708
Pt	-1.17486509	2.83793077	-0.29426291
Pt	-0.55616686	-1.96013406	0.25035481
Pt	-2.13464369	-1.78756631	-1.69340278
Pt	-0.50034906	1.27104618	1.66630485
Pt	1.77369758	-1.00437677	0.23667441
Pt	2.78360588	0.25102477	-1.69237986
Pt	0.82687411	1.17866944	-0.46334238
Pt	0.44330072	-1.03808742	2.41242094

9

#3.66:nonet:UNK = -1074.06487273

Pt	-2.13641979	-1.11836237	0.97750300
Pt	-0.19127312	-0.14579296	-1.63049071
Pt	2.12446788	-1.14127201	-0.96009276
Pt	-0.01874752	-2.14799229	-0.00636095
Pt	-1.08549305	1.83170392	0.64773013
Pt	1.10270713	1.82380000	-0.65062080
Pt	2.58537193	0.51793965	0.95429236
Pt	0.19526593	-0.15010442	1.62033888
Pt	-2.57587939	0.53008047	-0.95229916

9

#3.108:singlet:UNK = -1074.06486804

Pt	0.19585120	-1.87748381	0.41052463
Pt	2.50509099	1.08332000	0.84972909
Pt	-2.03315860	-1.04904650	1.51347923
Pt	2.50157889	-1.15621031	-0.46923549
Pt	-0.82840952	-1.03327713	-1.80683827
Pt	-2.38746242	0.41491478	-0.49870638
Pt	0.87393588	0.71719508	-1.07642010
Pt	-0.87124392	2.41065408	-0.27100691
Pt	0.04381749	0.48993380	1.34847421

9

#3.222:triplet:UNK = -1074.06481563

Pt	0.86088146	-1.87904734	-0.21092725
Pt	-1.61656657	1.47019503	0.17879890
Pt	2.97030989	-0.38542916	0.01205873
Pt	-1.53000281	0.15087286	-2.03117609
Pt	-1.68071163	-1.61239020	-0.21140355
Pt	-1.60627530	-0.34922033	1.98129165
Pt	0.78691294	2.26652329	0.19249803
Pt	0.88094891	0.01500809	1.49805131
Pt	0.93450310	0.32348776	-1.40919172

9

#3.265:triplet:UNK = -1074.06478792

Pt	-0.80738341	-1.73901298	1.14301093
Pt	-0.24956755	2.87234040	-0.00815559
Pt	1.37959252	0.87580618	0.06555792
Pt	-2.01914047	1.06733863	-0.63543138
Pt	1.69177319	-1.63658912	0.25338463

Pt	-2.64417691	-1.48081706	-0.67598657
Pt	3.58011321	-0.14091216	-0.54068558
Pt	-0.67104628	0.81621902	1.53185752
Pt	-0.26016430	-0.63437290	-1.13355187

9

#3.204:nonet:UNK = -1074.06473306

Pt	-2.54767163	-0.52922261	0.37208498
Pt	2.04293188	-0.20661606	1.47840900
Pt	-2.12138926	1.97276258	0.04731094
Pt	-0.17004927	-1.97380019	0.74747796
Pt	-0.40876430	0.54421211	1.42454451
Pt	2.56034513	1.36927056	-0.51703147
Pt	1.64151086	-1.03140750	-0.94594752
Pt	0.05291472	1.07047004	-1.01813698
Pt	-1.04982814	-1.21566892	-1.58871143

9

#3.189:singlet:UNK = -1074.06470016

Pt	-2.27450788	-1.58857144	-0.00511114
Pt	-1.58090294	0.58201526	1.26954100
Pt	0.04843601	-2.57946831	0.00401896
Pt	0.76611405	-0.42015830	1.25599200
Pt	1.59515989	1.67281992	-0.00474117
Pt	-0.75454370	2.70492428	0.00609424
Pt	-1.57996903	0.58838210	-1.27107900
Pt	0.76251986	-0.42246367	-1.25188090
Pt	3.01769374	-0.53747984	-0.00283399

9

#3.82:septet:UNK = -1074.06466564

Pt	-2.86528430	-1.15535781	-0.60648343
Pt	-0.33632570	-1.58685830	-0.58347462
Pt	-1.48984262	-0.50508261	1.49290128
Pt	0.95037998	0.36066310	1.18114759
Pt	-1.85686241	1.20785489	-0.41349152
Pt	2.96858859	0.15843651	-0.60119620
Pt	2.00497939	-1.88833799	0.43296809
Pt	0.54482979	0.74804251	-1.31476151
Pt	0.07953728	2.66063970	0.41239030

9

#3.91:septet:UNK = -1074.06464466

Pt	-0.00315867	-0.57821676	1.33654422
Pt	-2.48350424	1.74654885	-0.07711840
Pt	1.53442150	-0.49413798	-1.24434679
Pt	-0.03792475	-2.39585500	-0.58357444
Pt	2.51785376	1.71082477	-0.12394325
Pt	2.53372902	-0.48742660	1.12743320
Pt	-2.53468718	-0.48152373	1.10518405
Pt	0.01371716	1.42796141	-0.26759592
Pt	-1.54044660	-0.44817495	-1.27258266

9

#3.32:nonet:UNK = -1074.06457518

Pt	-2.04828999	0.14016035	-0.15098066
Pt	-0.11511273	-1.70374661	-0.35270900

Pt	-0.01543874	-0.00052309	1.74503211
Pt	2.04684292	-0.15073164	-0.14951922
Pt	1.62718842	-1.97665736	1.52936247
Pt	-1.64111139	1.98621695	1.50866605
Pt	0.12144828	1.68825770	-0.34804858
Pt	-2.08165459	-1.58427265	-1.90499127
Pt	2.10612783	1.60129636	-1.87681191

9

#3.205:nonet:UNK = -1074.06455652

Pt	-2.90210089	0.91713878	0.07079525
Pt	2.93076722	-0.45275652	-0.83795026
Pt	-0.66676010	0.94273202	1.41108037
Pt	-0.61652178	1.32231866	-1.10540914
Pt	1.73208091	1.68086159	-0.09112442
Pt	-0.56786829	-1.60955929	1.16364823
Pt	0.44759702	-0.99926994	-1.18482697
Pt	-2.08132098	-1.35599984	-0.86200439
Pt	1.72412690	-0.44546547	1.43579132

9

#3.256:nonet:UNK = -1074.06442566

Pt	-1.39072110	1.10285930	0.02021598
Pt	1.26900730	1.13432040	-0.05154412
Pt	0.49675350	-1.26675422	-0.80769147
Pt	-2.95829860	-0.88696530	0.58267152
Pt	-1.82008870	-0.84302934	-1.69135828
Pt	2.06941150	-0.94350127	1.39491322
Pt	2.95157930	-0.60417881	-0.98795819
Pt	-0.06213191	3.20798590	0.05134943
Pt	-0.55551130	-0.90073667	1.48940192

9

#3.92:triplet:UNK = -1074.06433328

Pt	2.43266155	-1.17685707	1.12039814
Pt	-1.48111636	1.98171171	0.59137579
Pt	0.23563536	-1.75241390	-0.09500617
Pt	1.13260742	2.15007335	-0.56413412
Pt	2.08587510	-0.16082629	-1.16270422
Pt	-2.12671945	-1.57036024	-1.05661235
Pt	-2.05613878	-0.44312623	1.23337550
Pt	0.45463279	0.45821715	1.30789131
Pt	-0.67743763	0.51358152	-1.37458388

9

#3.237:nonet:UNK = -1074.06432665

Pt	-2.50902438	-1.70113381	-0.47870373
Pt	-2.42621629	-0.03678632	1.46384468
Pt	-0.00022320	0.66979239	1.14688889
Pt	0.00083862	-1.28402460	-0.58178732
Pt	1.68713971	0.72723662	-0.95251000
Pt	2.51136432	-1.69810208	-0.48083712
Pt	-0.00156300	2.63578180	-0.62684799
Pt	-1.68773169	0.72482730	-0.95499031
Pt	2.42541591	-0.03759130	1.46494290

9

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#3.140:quintet:UNK = -1074.06424014
Pt    -1.81887332    -0.67206015    -1.37936658
Pt     0.61154622     0.33158818    -1.37322327
Pt     0.94190696     2.28638804     0.41031571
Pt    -2.04318875    -1.56650575     1.01381698
Pt     1.63455136     0.01953194     1.35190895
Pt     2.66583818    -1.09633333    -0.77702726
Pt    -1.43451887     1.82922405    -0.79911328
Pt     0.35594459    -1.81083649     0.11746685
Pt    -0.91320638     0.67900350     1.43522190
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9

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#3.32:quintet:UNK = -1074.06413517
Pt    -0.20999769    -1.21068446    -1.21534973
Pt     2.02279030     1.36552648    -0.55277544
Pt     2.02064129    -0.24566594     1.52643829
Pt    -0.40113450    -1.22184923     1.31337657
Pt    -2.55436211     1.17994319     0.09084230
Pt     2.31340371    -1.12417838    -0.92849550
Pt    -0.42447670     1.29526815    -1.31888147
Pt    -0.21310761     1.30578838     1.23726763
Pt    -2.55375669    -1.34414818    -0.15242266
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9

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#3.153:septet:UNK = -1074.06412330
Pt     1.34001650     0.87623122     0.92683640
Pt     2.49562269    -1.33791410     0.26868507
Pt    -0.36786582    -0.52463614     2.07530202
Pt    -2.47675770    -1.34199301    -0.89299037
Pt    -0.58481959     0.33018317    -1.45583590
Pt    -0.02404321    -1.77418610    -0.11440154
Pt    -2.05253650     0.69933353     0.63933218
Pt    -0.31582719     2.54981180     0.01250904
Pt     1.98621081     0.52316965    -1.45943689
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9

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#3.216:nonet:UNK = -1074.06408556
Pt    -0.44693729     1.13382084    -1.26247425
Pt     0.48792932    -1.20804813    -0.83669682
Pt     1.58150411    -0.36845130     1.43150044
Pt    -0.64270540     1.24247808     1.28077674
Pt     2.99986302    -0.65800881    -0.70174234
Pt    -2.80107029     0.97251819    -0.15499235
Pt    -0.96563909    -1.31278482     1.38916458
Pt    -2.08158808    -1.40166825    -0.90026542
Pt     1.86864370     1.60014421    -0.24527057
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9

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#3.21:singlet:UNK = -1074.06402983
Pt     2.46693240    -0.49635384    -1.27827020
Pt    -1.77682969     0.37006230    -0.69014060
Pt     0.40976250    -1.52423581    -0.06894779
Pt    -1.13109867     2.73057710    -0.05442752
Pt    -1.43941979    -0.84856259     1.49267051
Pt     2.37346111    -0.50070552     1.21145600
Pt     0.66941462     1.30288047    -1.17912882
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Pt	0.38993272	1.13164580	1.30459489
Pt	-1.96215521	-2.16530790	-0.73780647
9			
#3.291:septet:UNK = -1074.06402962			
Pt	1.26713398	1.23098040	0.09666510
Pt	0.17848439	-0.82592601	1.36596939
Pt	-1.36975762	1.13922420	-0.15436469
Pt	2.17126367	-0.70510319	-1.37911232
Pt	-2.41685873	-0.99737310	-1.12410919
Pt	-2.36945201	-0.61911161	1.40505391
Pt	2.71743789	-0.69295130	1.08122008
Pt	-0.05249643	-1.78130940	-0.97547001
Pt	-0.12575513	3.25157000	-0.31585228
9			
#3.59:quintet:UNK = -1074.06401348			
Pt	-0.00437006	-1.18512310	-1.17474549
Pt	2.42011302	-1.18375269	-0.41815774
Pt	-0.26732965	1.29239341	-1.13494092
Pt	-2.15580750	-0.33459032	0.93679382
Pt	-2.33729205	-0.17866026	-1.59988211
Pt	-0.87247879	1.83882383	1.31343798
Pt	-0.14817022	-1.90152079	1.25068623
Pt	1.14028340	0.26541923	1.40566639
Pt	2.22505184	1.38701069	-0.57885818
9			
#3.46:triplet:UNK = -1074.06401286			
Pt	1.13241191	1.56860178	-0.36178873
Pt	2.00131230	0.12903442	1.54919721
Pt	-0.64347360	0.10166114	1.61646991
Pt	2.57886199	-0.60868364	-0.91148798
Pt	0.40760559	-1.73047920	0.16991905
Pt	-1.24201668	2.21904162	0.30001886
Pt	-2.15055141	-1.73213577	0.48958806
Pt	-2.22075760	0.28432429	-1.03754389
Pt	0.13660750	-0.23136465	-1.81437248
9			
#3.84:triplet:UNK = -1074.06400591			
Pt	-2.11489033	-0.19817852	1.80355508
Pt	2.47387254	-1.25027721	0.18118785
Pt	-0.00153197	1.12645143	1.18901646
Pt	-0.77279393	2.00817089	-1.09732699
Pt	0.94924780	0.15951034	-1.36999859
Pt	2.44431993	1.23981348	0.44684178
Pt	-2.33767461	0.04193283	-0.72194701
Pt	-0.69005377	-1.75572309	-1.43574760
Pt	0.04950433	-1.37170016	1.00441902
9			
#3.201:nonet:UNK = -1074.06391638			
Pt	-1.11485473	-2.35888958	-0.70389725
Pt	1.27861450	1.30949231	-0.15678597
Pt	3.36466691	-0.03404313	0.03047058
Pt	-0.43403264	0.01344436	-1.73189890

Pt	-0.55267364	-1.27329691	1.68397282
Pt	-0.54474584	1.30341359	1.66833989
Pt	1.24455701	-1.33121129	-0.15701133
Pt	-2.17670869	-0.00368336	0.06998496
Pt	-1.06482290	2.37477402	-0.70317481
9			
#3.69:singlet:UNK = -1074.06379767			
Pt	2.12532919	0.88453402	-1.17721203
Pt	-0.53770740	0.13070488	-1.24288711
Pt	-2.14133929	-0.47130210	1.08931080
Pt	-2.23662862	1.76459638	-0.11212754
Pt	-1.57895908	-2.16832322	-0.75598627
Pt	0.88862142	-1.80295188	-0.22793408
Pt	0.28576357	2.14748732	0.13203895
Pt	0.36833530	-0.02555986	1.46439389
Pt	2.82658491	-0.45918554	0.83040339
9			
#3.269:quintet:UNK = -1074.06375354			
Pt	1.50958739	-0.03379319	1.44070480
Pt	-1.39764958	2.05717569	0.32872516
Pt	0.95728272	1.54649930	-0.51898914
Pt	-2.36295732	-1.80470939	0.10363180
Pt	-0.26643570	-0.64866897	-0.86243024
Pt	-1.07805101	-0.14821887	1.62720537
Pt	-2.56556019	0.39315507	-1.18762031
Pt	1.95666108	-1.76537191	-0.40884297
Pt	3.24712261	0.40393228	-0.52238447
9			
#3.204:triplet:UNK = -1074.06371897			
Pt	-2.42357855	1.27295222	-0.38003517
Pt	1.98942864	1.74260127	-0.45690500
Pt	2.85566071	-0.56684249	0.15670884
Pt	0.70047810	-0.90394624	1.51993831
Pt	-1.89436302	-0.50818004	1.44295517
Pt	-0.08738108	1.41580722	1.01958557
Pt	-1.80602865	-1.34219917	-1.01296832
Pt	-0.11165451	0.59575689	-1.40439912
Pt	0.77743836	-1.70594967	-0.88488028
9			
#3.218:triplet:UNK = -1074.06371894			
Pt	2.05619348	1.97862282	0.32837437
Pt	0.75080740	-0.07043614	1.26659998
Pt	-1.86173499	-0.73094416	-1.03380194
Pt	-1.83178859	-0.05188647	1.42238179
Pt	0.86453161	-1.31056182	-1.34831417
Pt	-0.47551137	-2.27562832	0.66187169
Pt	-0.00285092	1.08244955	-0.88981796
Pt	-2.40455502	1.77446870	-0.32313352
Pt	2.90490840	-0.39608415	-0.08416024
9			
#3.287:triplet:UNK = -1074.06371644			
Pt	-3.02381409	-0.06541609	-0.64366060

Pt	-0.18091127	2.67999079	0.25825449
Pt	1.82098772	1.21104477	-0.40453320
Pt	-1.77707081	-1.94499749	0.46654970
Pt	-1.10353799	0.43718930	1.21333460
Pt	3.02485060	-1.05481484	-0.49378759
Pt	0.52543460	-1.57941492	-0.60033569
Pt	1.35003541	-0.33757942	1.48238800
Pt	-0.63597418	0.65399789	-1.27820970

9

#3.250:nonet:UNK = -1074.06366845

Pt	-0.54172815	-2.52115610	-0.25210751
Pt	-2.53086538	2.12014953	-0.44535368
Pt	-0.34610259	1.23878029	0.40012401
Pt	1.35881058	-0.88508924	0.80807639
Pt	2.14032682	1.58588575	0.94994950
Pt	-2.16027932	-0.38431227	-0.60310889
Pt	0.35837228	-0.39968921	-1.50163450
Pt	-1.11725862	-0.93331040	1.73142260
Pt	2.83872439	0.17874165	-1.08736791

9

#3.188:triplet:UNK = -1074.06365007

Pt	-0.41710048	0.96878216	-1.39516199
Pt	-1.39846688	2.37043551	0.46106005
Pt	-1.36976302	-2.36728366	-0.49053059
Pt	2.15526689	-1.02155654	1.09254407
Pt	0.81864480	-1.17536796	-1.16937154
Pt	2.16144751	1.04720213	-1.07657557
Pt	0.79678330	1.17501007	1.16218233
Pt	-0.42614792	-0.98893013	1.41471136
Pt	-2.32066420	-0.00829157	0.00114187

9

#3.250:triplet:UNK = -1074.06352714

Pt	-0.37921159	0.90746509	1.26234891
Pt	-0.58198231	0.85874492	-1.27014649
Pt	0.39932983	2.93082510	-0.10502187
Pt	0.84823517	-1.54585421	-0.24365442
Pt	3.26960707	-1.22615564	0.04158426
Pt	-1.16957412	-1.54592240	1.34376189
Pt	1.90155880	0.86289507	0.02059360
Pt	-1.54207294	-1.54963866	-1.24363061
Pt	-2.74588991	0.30764073	0.19416472

9

#3.63:quintet:UNK = -1074.06352330

Pt	-0.24712158	0.22313228	-1.27568059
Pt	0.29314277	-1.83826640	0.10589641
Pt	-1.97990131	-1.71248229	-1.17056280
Pt	-2.32516799	0.31812014	0.35852430
Pt	0.96410673	1.14739595	0.75883196
Pt	-0.56055981	-0.39532318	2.07219098
Pt	2.31477463	0.58088324	-1.43331205
Pt	2.58081159	-0.82452827	0.69735538
Pt	-1.04008504	2.50106854	-0.11324358

9
#3.289:singlet:UNK = -1074.06351588
Pt -1.93388119 -0.66560672 1.17326860
Pt 0.00043100 -1.87667630 -0.09745794
Pt 1.97453199 -0.52193408 -1.18436222
Pt -2.06558841 -1.03069907 -1.37717411
Pt -1.89057569 1.85422299 0.50352545
Pt 1.88328310 1.89883250 -0.37812047
Pt 0.29413491 0.70026837 1.27890911
Pt 2.04380071 -1.17918273 1.30884456
Pt -0.30613641 0.82077503 -1.22743298

9
#3.96:septet:UNK = -1074.06342524
Pt 2.42354177 1.60207434 0.29760125
Pt -0.05627723 1.65524739 -0.23513795
Pt -1.06624841 0.00425002 1.42903209
Pt -2.39469900 -0.80221054 -0.69795499
Pt -2.59374643 1.64154557 -0.07988374
Pt 0.04230379 -0.60124333 -1.40177970
Pt -0.36967608 -2.33460509 0.48460914
Pt 1.47031610 -0.63169895 1.27424800
Pt 2.54448549 -0.53335939 -1.07073411

9
#3.153:singlet:UNK = -1074.06340930
Pt -1.98312399 0.94859640 -0.92613611
Pt 0.47762669 -0.20634262 1.28372160
Pt 0.05307852 -0.55887998 -1.19495051
Pt -2.05027902 -0.09464303 1.46290237
Pt -0.32884662 2.12660559 0.64028813
Pt 2.85380220 0.01875611 0.36246484
Pt -2.17810249 -1.66481140 -0.60749225
Pt 1.64845371 -2.17520939 0.03343829
Pt 1.50739101 1.60592832 -1.05423636

9
#3.53:quintet:UNK = -1074.06338291
Pt 2.90615569 -1.13567640 -0.29949690
Pt 1.05033949 -0.35779159 1.48088909
Pt -2.64705731 0.14518409 -0.90477821
Pt 0.42095439 -1.70580261 -0.56571739
Pt -1.95028181 -1.88255780 0.38692551
Pt -1.34392691 0.51273361 1.32116028
Pt 1.98908859 1.26182010 -0.26368822
Pt -0.23346801 2.57251330 0.21228316
Pt -0.19180411 0.58957729 -1.36757732

9
#3.277:triplet:UNK = -1074.06337567
Pt 0.29311458 -0.62364942 -1.25954298
Pt -2.25234983 -0.72749213 -0.90700017
Pt 2.41526335 1.53853082 0.52238741
Pt 1.27794688 -0.72142214 1.10718942
Pt -2.57785054 1.71839249 -0.24121008
Pt -0.04063074 1.68815450 -0.12242508

Pt	-1.34116380	-0.00703695	1.37363892
Pt	-0.61517978	-2.42460848	0.51822423
Pt	2.84084988	-0.44086870	-0.99126168

9

#3.225:nonet:UNK = -1074.06337205

Pt	-1.24918263	1.50754953	-1.56546217
Pt	-2.39421581	-0.24880950	-0.14059386
Pt	2.30578625	1.38606304	-0.17162553
Pt	-1.00245897	-2.26099121	-0.84159884
Pt	0.36638504	-1.30698265	1.10160422
Pt	2.67955706	-1.14729369	0.11113686
Pt	0.60283561	-0.24191715	-1.23021483
Pt	-0.03641744	1.99530188	0.63279567
Pt	-1.27228911	0.31707976	2.10395848

9

#3.27:triplet:UNK = -1074.06327529

Pt	-2.31340393	0.13096370	0.82913364
Pt	2.55709696	-0.25535440	1.01742026
Pt	-1.53098800	2.26415560	-0.37808804
Pt	-1.90685670	-1.99605010	-0.55128085
Pt	2.12366893	0.16073390	-1.50627465
Pt	0.88908278	1.66902550	0.24035802
Pt	0.63698849	-1.83877860	-0.08797729
Pt	0.04361754	-0.19353620	1.74199430
Pt	-0.49920608	0.05884060	-1.30528541

9

#3.126:nonet:UNK = -1074.06326923

Pt	-1.68087294	2.73933168	-0.05866720
Pt	-1.74862653	0.32556199	0.66079391
Pt	-1.12063809	-0.55664803	-1.67897368
Pt	0.22568817	-0.91401183	1.75197652
Pt	2.58703644	0.19847047	-1.10767080
Pt	0.33106463	1.34555204	-0.53481550
Pt	-1.55670037	-2.30931404	0.23049563
Pt	0.91038984	-1.66681065	-0.58557028
Pt	2.05265885	0.83786837	1.32243140

9

#3.297:nonet:UNK = -1074.06323617

Pt	-0.12664816	1.52901881	0.14843879
Pt	2.90539611	-0.16630777	-0.79915504
Pt	-2.02886709	-0.15031963	-0.47428556
Pt	2.26402831	1.45555935	1.06221795
Pt	0.47807963	-0.34402500	-1.59314330
Pt	-2.40075933	2.34509398	-0.34139476
Pt	-0.66327105	-2.43528607	-0.57737523
Pt	-1.39556998	-1.44594925	1.67516235
Pt	0.96761156	-0.78778442	0.89953481

9

#3.237:quintet:UNK = -1074.06320383

Pt	2.90523560	0.27828103	0.80788218
Pt	0.22461150	-2.09810929	-0.08689308
Pt	0.46945491	-0.13537828	1.58024811

Pt	-0.71392462	-0.01131960	-1.14063268
Pt	0.95014938	1.68142682	-0.19876761
Pt	-1.50206893	2.38811600	-0.62153468
Pt	2.03805328	-0.76724048	-1.31178351
Pt	-2.03210690	0.47681811	1.03382353
Pt	-2.33940420	-1.81259430	-0.06234225

9

#3.228:quintet:UNK = -1074.06320095

Pt	-0.76827577	1.65937703	1.00228873
Pt	0.07142829	-1.34394702	-1.00283161
Pt	2.34068121	-0.21058234	1.42289468
Pt	-0.62484298	1.03622142	-1.48715682
Pt	-0.13335459	-0.75706121	1.44661724
Pt	1.57552563	1.48939441	-0.29163249
Pt	2.55059860	-0.75897534	-1.11325917
Pt	-2.17368201	-1.75089669	0.20958627
Pt	-2.83807838	0.63646975	-0.18650684

9

#3.251:septet:UNK = -1074.06319651

Pt	1.58339530	-1.56116272	-1.03364756
Pt	0.07537481	0.52272149	-1.17128751
Pt	-2.09916189	1.71917522	-0.48805464
Pt	2.89750060	-0.11397140	0.57306692
Pt	0.42884529	0.19692493	1.34550730
Pt	-0.45627782	-2.04668088	0.43731513
Pt	-2.17020950	-0.79224799	-0.98862790
Pt	1.86386441	2.01654820	-0.16755033
Pt	-2.12333121	0.05869315	1.49327859

9

#3.165:quintet:UNK = -1074.06313921

Pt	2.26014850	-0.88766728	-1.08126289
Pt	-0.26978621	-0.17391342	-1.42529020
Pt	-0.05279042	0.88007662	1.40113399
Pt	1.45139107	1.57540861	-0.69254032
Pt	2.32271679	-0.23622625	1.40233820
Pt	-2.05573489	-1.83001694	-0.56096307
Pt	-1.29872274	1.99230227	-0.58746333
Pt	0.17578781	-1.56900219	0.69260042
Pt	-2.53300991	0.24903858	0.85144720

9

#3.297:triplet:UNK = -1074.06304866

Pt	0.09882941	-0.98339701	-0.30219260
Pt	1.16841342	1.14076969	-1.04968890
Pt	-1.43239063	0.31062879	1.21445316
Pt	2.49204083	-1.07521031	-1.28838565
Pt	-2.12448840	-2.12058602	0.43064986
Pt	-2.13477898	-0.11868773	-1.21025745
Pt	2.10558968	-0.82615319	1.24084744
Pt	0.89955596	1.42451670	1.50073850
Pt	-1.07277130	2.24811908	-0.53616435

9

#3.182:singlet:UNK = -1074.06302319

Pt	-0.26708811	-0.65018699	-0.84246682
Pt	-2.38017991	-1.79876070	0.08042425
Pt	1.51035700	-0.01411266	1.43055770
Pt	1.95041639	-1.77895531	-0.38509896
Pt	0.96375491	1.54900730	-0.51305466
Pt	-1.07815430	-0.16476625	1.63119850
Pt	-2.55253420	0.41074974	-1.19709898
Pt	-1.39126689	2.05478739	0.34129226
Pt	3.24469510	0.39223748	-0.54575330

9

#3.213:triplet:UNK =	-1074.06299371		
Pt	-1.48965343	0.58170695	-1.00907739
Pt	1.12290425	0.94332667	-1.01654249
Pt	2.27943715	-1.32985928	-1.06021466
Pt	-2.00856922	-1.90398337	-0.80091716
Pt	-2.09408207	-0.50790674	1.34500578
Pt	2.40761841	-0.19292634	1.20258017
Pt	0.20025326	-1.46165011	0.42286295
Pt	-0.47413342	2.84664878	-0.43611803
Pt	0.05622506	1.02464345	1.35242082

9

#3.217:singlet:UNK =	-1074.06295866		
Pt	-2.37249972	1.79971669	-0.31559277
Pt	-0.48319077	-2.25942420	0.67443580
Pt	2.90644590	-0.38880446	-0.04914684
Pt	0.73659562	-0.06397318	1.26981009
Pt	-0.00943342	1.05454091	-0.90445250
Pt	-1.84760570	-0.76394111	-1.04500418
Pt	2.03628358	1.97774033	0.30484158
Pt	0.87632870	-1.31368298	-1.34426541
Pt	-1.84292418	-0.04217201	1.40937422

9

#3.169:quintet:UNK =	-1074.06291387		
Pt	1.13363467	1.40205925	-0.67104924
Pt	2.66653578	-0.74649224	-0.71525333
Pt	-1.27769671	2.11421941	-0.24071032
Pt	1.74564465	0.59100980	1.63519079
Pt	-2.13495784	-0.04702652	-1.25296294
Pt	-2.06496847	-1.61065586	0.74960906
Pt	-0.85830015	0.46601819	1.67866606
Pt	0.27406285	-0.67675958	-1.77858495
Pt	0.51604522	-1.49237244	0.59509488

9

#3.286:singlet:UNK =	-1074.06289486		
Pt	1.92304365	-1.21702771	0.23233971
Pt	0.98465886	1.00809865	-0.31166182
Pt	-1.67663423	0.74908354	-0.55024642
Pt	-2.66926764	-1.32302861	-1.52260331
Pt	-0.51854493	-1.61979081	-0.37920490
Pt	-0.53691984	0.82849630	1.71459688
Pt	-0.67283192	2.93509719	0.23952166
Pt	3.05275029	0.27448562	-1.46554830

Pt	0.11374576	-1.63541417	2.04280650
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9

#3.240:quintet:UNK = -1074.06285106

Pt	-0.52139277	2.37812608	0.28504987
Pt	-2.26119772	0.57510027	-1.10773708
Pt	2.61870382	-0.57378238	-1.19412442
Pt	0.93291732	-0.75946893	2.01920098
Pt	-2.05714505	-1.78148096	-0.04839125
Pt	0.28712068	0.50736175	-1.47218318
Pt	1.80682167	1.13714564	0.55650943
Pt	0.47902465	-1.71160178	-0.31727515
Pt	-1.28485261	0.22860032	1.27895081

9

#3.205:quintet:UNK = -1074.06280926

Pt	2.14881072	1.65223635	-0.14273705
Pt	-1.20538091	-0.33589166	1.97116109
Pt	-1.69328832	-1.79775920	-0.08147156
Pt	-1.84583838	1.67235148	0.55467994
Pt	0.72626938	-1.43392941	-0.76821754
Pt	-2.47934899	0.19077445	-1.44774710
Pt	-0.07385879	0.92150941	-1.06284087
Pt	1.28293839	-0.21507048	1.40538220
Pt	3.13969689	-0.65422095	-0.42820911

9

#3.290:triplet:UNK = -1074.06271651

Pt	-1.73021332	2.08420439	-0.35366591
Pt	-2.39840911	-0.09264974	0.81592653
Pt	0.04214557	0.94785929	1.15625420
Pt	-1.44221196	-1.67673869	-0.97479418
Pt	1.33509764	-1.72473995	-0.96017223
Pt	-0.00424668	0.41448134	-1.31484401
Pt	2.41021919	-0.21356717	0.81534572
Pt	1.84554918	1.97536875	-0.39461215
Pt	-0.05793050	-1.71421822	1.21056204

9

#3.148:triplet:UNK = -1074.06267985

Pt	-1.48046147	2.31904632	-0.01210079
Pt	0.80882048	-0.04879171	-1.66928442
Pt	-1.62339143	-2.24120248	0.00598761
Pt	2.91260060	-0.05924494	-0.03152434
Pt	-1.67684328	0.05093572	1.27170431
Pt	-1.70136801	0.03604852	-1.25826489
Pt	0.84301422	-0.00189941	1.69697948
Pt	1.01512642	1.81857279	-0.01749112
Pt	0.90250248	-1.87346481	0.01399418

9

#3.169:singlet:UNK = -1074.06263180

Pt	0.32655344	-0.25825107	1.31898920
Pt	2.50765977	-1.30486998	0.51010038
Pt	0.82302714	1.77271544	-0.09314942
Pt	-2.18238488	0.15548133	1.16060362
Pt	0.21947899	-2.02441068	-0.45356309

Pt	3.10724157	0.87316394	-0.48413374
Pt	-2.32383262	-1.74264739	-0.56786656
Pt	-0.78908841	0.20976237	-1.29504049
Pt	-1.68865499	2.31905604	-0.09593990
9			
#3.146:triplet:UNK = -1074.06255479			
Pt	0.15060612	-1.61125341	0.90072479
Pt	0.41167837	-0.21562129	-1.25604511
Pt	2.37555050	-1.64395099	-0.38208346
Pt	-1.91721802	-1.44714420	-1.02395486
Pt	-1.88907132	1.09002810	-0.83647345
Pt	0.33214293	0.79660599	1.55783410
Pt	0.18992469	2.45910340	-0.35646469
Pt	2.42489170	0.88358331	0.04410455
Pt	-2.07850497	-0.31135091	1.35235815
9			
#3.65:singlet:UNK = -1074.06253302			
Pt	0.93397769	-0.00641329	1.71056902
Pt	-1.51155163	2.30542578	0.01300120
Pt	0.98813067	1.83412721	-0.00185578
Pt	-1.78899879	-0.00266322	-1.24111120
Pt	0.92328263	-1.85903009	-0.00334258
Pt	2.90448920	-0.03494866	-0.16515978
Pt	-1.58864927	-2.26014762	0.06171790
Pt	-1.58237021	0.05038648	1.27855780
Pt	0.72168971	-0.02673659	-1.65237659
9			
#3.141:quintet:UNK = -1074.06246297			
Pt	-2.12352880	0.28028026	-1.31297092
Pt	0.39233871	0.01155436	-1.61677321
Pt	1.81419038	0.22475525	1.39749341
Pt	-1.33055248	1.98787995	0.38022393
Pt	-0.72322391	-0.09565706	1.73772098
Pt	0.36903137	-1.86995348	0.07280355
Pt	2.64187344	-0.91998007	-0.74017591
Pt	1.12146613	2.04171336	-0.25016875
Pt	-2.16159484	-1.66059258	0.33184693
9			
#3.265:singlet:UNK = -1074.06240251			
Pt	-1.19726387	-1.56871670	-1.31698843
Pt	0.85482623	-1.58493438	0.22552816
Pt	-0.47900280	0.90343930	1.30986239
Pt	-1.51562447	-1.47487992	1.28605177
Pt	3.27079533	-1.22076185	-0.07711734
Pt	-2.75587189	0.25887628	-0.18428751
Pt	1.85681890	0.83379883	-0.02318342
Pt	0.42316647	2.94695092	0.04078370
Pt	-0.45784390	0.90622751	-1.26064931
9			
#3.146:quintet:UNK = -1074.06238391			
Pt	-0.04212620	1.77239020	-0.17813238
Pt	1.45747139	-0.80233212	1.15641787

Pt	-0.46891472	-2.44501430	0.44298736
Pt	-1.03736660	0.00043838	1.35430519
Pt	-2.38310872	-0.77725948	-0.70916261
Pt	2.41652190	1.54503518	0.43737850
Pt	0.06329268	-0.53717158	-1.32709692
Pt	2.58451298	-0.43128780	-1.11912523
Pt	-2.59028270	1.67520151	-0.05757177

9

#3.252:septet:UNK = -1074.06218783

Pt	0.25975509	-0.43082685	-1.36806978
Pt	1.40961221	-0.86210924	0.88632502
Pt	-2.63884001	1.85024818	-0.41720055
Pt	2.26944860	1.54479746	0.76139390
Pt	-0.24582320	1.51993392	0.25748394
Pt	-2.22113641	-0.58587953	-0.67921855
Pt	-1.09090058	-0.49627512	1.65656953
Pt	-0.52554009	-2.50964859	0.09273732
Pt	2.78342439	-0.03024023	-1.19002083

9

#3.212:quintet:UNK = -1074.06216845

Pt	2.36723301	-1.18318867	-0.81208923
Pt	-0.14787772	1.35467150	-1.05114670
Pt	-0.12719899	-1.15906730	-1.15771330
Pt	2.33420509	1.33178103	-0.55154083
Pt	-2.55724551	1.28098037	-0.25183667
Pt	-2.54994808	-1.25388753	-0.41724737
Pt	-0.54225678	1.16409029	1.43808391
Pt	1.78729353	-0.17498308	1.51422538
Pt	-0.56420456	-1.36039661	1.28926480

9

#3.257:septet:UNK = -1074.06213803

Pt	-2.61112938	1.15669864	-0.64603054
Pt	-2.77227522	-1.36598144	-0.18034896
Pt	1.14010783	1.46119947	-0.74089864
Pt	1.34151947	-1.71616072	-0.24816255
Pt	3.20466480	-0.06984637	-0.79099879
Pt	-0.70328742	-0.96874494	1.31131783
Pt	-0.72413507	1.61156646	1.03703585
Pt	1.73130390	0.21953832	1.43513270
Pt	-0.60676890	-0.32826941	-1.17704689

9

#3.129:singlet:UNK = -1074.06213576

Pt	-2.27720050	-0.88973451	1.38410281
Pt	1.46710008	1.19063202	0.08131072
Pt	-0.07201182	-0.44669068	-1.17630239
Pt	2.46002218	-0.76970706	-1.41740451
Pt	0.24496750	-0.83732860	1.32222080
Pt	-0.28448452	2.93624521	0.09010054
Pt	-1.84852392	1.03721981	-0.24849627
Pt	2.76705460	-0.84413139	1.07002909
Pt	-2.45692361	-1.37650479	-1.10556079

9

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#3.201:singlet:UNK = -1074.06208495
Pt    -0.64824110    1.10893764    -1.42174355
Pt    -2.18238104    -1.72394806    0.14404369
Pt     2.51797548    -0.70377439    -1.14965627
Pt     1.60236851    1.51992666    -0.25121207
Pt    -2.85582300    0.69202804    -0.12765263
Pt    -0.09823702    -0.88169393    1.40020714
Pt     2.36100289    -0.25925997    1.40439701
Pt    -0.74144498    1.54680386    1.08466713
Pt     0.04478027    -1.29901985    -1.08305044

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#3.182:triplet:UNK = -1074.06207845
Pt     1.02982611    -0.37691069    1.46571460
Pt     1.96733777    1.27943383    -0.22901919
Pt    -0.19359523    0.59269342    -1.36324518
Pt    -2.64322432    0.11139930    -0.91012796
Pt    -1.90826679    -1.89298551    0.41562111
Pt     2.91478400    -1.10498756    -0.29129313
Pt     0.43815180    -1.71845998    -0.59691521
Pt    -0.25236203    2.58858581    0.19700094
Pt    -1.35265130    0.52123138    1.31226403

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#3.193:quintet:UNK = -1074.06196764
Pt     2.68588880    -0.69700001    -0.92566620
Pt     1.23058721    -0.53309289    1.20961050
Pt     0.09373769    1.55985159    0.02423648
Pt     0.16858890    -0.66962133    -1.34438089
Pt     2.60167799    1.53322070    0.28453437
Pt    -0.55655759    -2.33309511    0.59559963
Pt    -2.39484301    1.82386607    -0.31270981
Pt    -1.50080259    -0.02134440    1.39683921
Pt    -2.32827740    -0.66278463    -0.92806328

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9

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#3.279:septet:UNK = -1074.06189309
Pt     2.72646560    -0.24600097    1.05822211
Pt    -1.93473670    0.09336360    -0.11121420
Pt    -0.11701079    -1.68574440    -0.56904588
Pt     1.13109140    1.11974471    -0.48874781
Pt     0.22027490    -0.22249707    1.51525900
Pt    -0.76252921    2.16423092    1.11410197
Pt    -1.04528620    2.08763349    -1.43975472
Pt     2.22206320    -1.03171090    -1.33751349
Pt    -2.44033219    -2.27901939    0.25869302

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#3.137:septet:UNK = -1074.06183893
Pt     2.60932753    -1.38471813    -0.63074564
Pt     1.96869910    -0.09479580    1.54080060
Pt    -1.73097906    -2.17555344    0.27960855
Pt    -2.90362640    0.06239004    0.13157630
Pt    -1.18063202    1.16695771    -1.40846597
Pt     0.14492802    -1.00214897    -0.99997992
Pt    -0.06134685    2.37224328    0.56761666

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Pt	-0.57528210	-0.02541504	1.25986080
Pt	1.72891178	1.08104035	-0.74027137
9			
#3.134:quintet:UNK	=	-1074.06180947	
Pt	-2.28244749	0.20400996	0.76987644
Pt	-0.20664561	-0.91206004	1.82468207
Pt	-2.06326229	-1.43065920	-1.18300331
Pt	-1.23130723	2.41340324	-0.01716922
Pt	2.48585977	-0.87250260	0.59560402
Pt	0.38200131	-1.94469110	-0.44459087
Pt	2.28266820	0.99165365	-1.16996703
Pt	-0.20457302	0.33963224	-1.29204610
Pt	0.83770635	1.21121385	0.91661400
9			
#3.296:quintet:UNK	=	-1074.06172395	
Pt	0.72512704	-1.42352694	0.75921582
Pt	-2.08964718	0.34479297	-0.30638490
Pt	-1.60145379	2.77561175	-0.03539530
Pt	2.65223217	-0.78919692	-0.92099727
Pt	2.38403012	0.56475059	1.18013682
Pt	0.21204061	0.01813888	-1.22686239
Pt	0.76507989	2.11047396	0.01652541
Pt	-1.29257128	-2.14871096	-0.93899269
Pt	-1.75483757	-1.45233334	1.47275450
9			
#3.188:septet:UNK	=	-1074.06171467	
Pt	0.36870099	1.18457538	0.62181585
Pt	-0.14929678	-0.36712506	-1.37776647
Pt	-2.62547128	-0.84613523	-0.85480092
Pt	2.79814960	1.29696773	-0.07173795
Pt	-0.67713617	-1.62269271	0.81974538
Pt	2.30355713	-0.91603391	-1.20116370
Pt	-1.90836810	0.48341176	1.54178623
Pt	-1.84671991	1.61165368	-0.80348570
Pt	1.73658452	-0.82462162	1.32560729
9			
#3.282:septet:UNK	=	-1074.06155230	
Pt	-0.51255139	1.50061114	1.37700381
Pt	2.93591519	0.21394399	0.05032856
Pt	-0.23175869	-1.63031043	0.19530698
Pt	1.19144354	-0.32390595	1.83139998
Pt	-1.96348802	0.25573406	-0.39769799
Pt	0.63663213	0.88788604	-0.96847561
Pt	-1.14332419	2.69969862	-0.76251928
Pt	-2.60381665	-2.15755669	0.08702409
Pt	1.69094808	-1.44610078	-1.41237054
9			
#3.169:triplet:UNK	=	-1074.06141961	
Pt	2.49472451	-1.30271878	0.52428933
Pt	-2.20040890	0.17811311	1.15591978
Pt	-0.78876218	0.19953640	-1.28517061
Pt	0.21648262	-2.03817649	-0.45733818

Pt	-2.33115728	-1.73836320	-0.56451760
Pt	3.12585251	0.85936132	-0.48054119
Pt	-1.67238929	2.32992361	-0.10567183
Pt	0.31782680	-0.25248818	1.31934840
Pt	0.83783121	1.76481221	-0.10631811

9

#3.267:nonet:UNK = -1074.06140263

Pt	3.04876618	-0.31717666	0.15421251
Pt	-1.65164189	0.13640449	-0.59787349
Pt	1.78595307	1.48282852	-1.06718368
Pt	-2.19319547	2.51655421	-0.03424757
Pt	-1.28916562	-2.36032752	-1.15656301
Pt	-1.39319308	-1.61501504	1.31783520
Pt	0.91125167	-0.54835906	1.61083061
Pt	-0.00150252	1.63441819	0.72936422
Pt	0.78272765	-0.92932713	-0.95637480

9

#3.234:nonet:UNK = -1074.06138847

Pt	2.04266825	-1.30686238	1.32296480
Pt	-2.50054771	-2.30108777	-0.21583748
Pt	-1.23086431	1.87579857	1.55651132
Pt	-0.12239878	-1.73914228	0.12854251
Pt	2.85773779	-0.12615332	-0.80823250
Pt	1.03844395	0.99503876	0.74169091
Pt	-0.61481730	2.35659184	-0.88984418
Pt	-1.92150459	0.13627310	-0.21509758
Pt	0.45128270	0.10954349	-1.62069779

9

#3.258:quintet:UNK = -1074.06138202

Pt	1.02635661	-0.46851867	1.26944452
Pt	-2.26042789	0.34845337	-0.08265151
Pt	3.04664682	-0.72416176	-0.40471956
Pt	0.65932974	-1.26289111	-1.13342157
Pt	-1.82624203	2.80110897	-0.22715814
Pt	0.04621550	1.15719999	-0.46845630
Pt	2.42920539	1.59276794	0.31968110
Pt	-1.74749886	-2.05860034	-0.85533617
Pt	-1.37358528	-1.38535840	1.58261762

9

#3.295:septet:UNK = -1074.06136390

Pt	-2.05123842	-1.73513577	-0.50883099
Pt	2.71445609	-0.76227402	-0.87275215
Pt	2.10256107	-0.01955549	1.54068763
Pt	-1.18274488	1.52120321	-1.14484282
Pt	-2.77552661	0.47253984	0.56324518
Pt	-0.05577464	-1.37390318	1.10840053
Pt	0.16710950	-0.71211500	-1.33398868
Pt	1.44869551	1.46633559	-0.65073919
Pt	-0.36753761	1.14290483	1.29882050

9

#3.143:nonet:UNK = -1074.06131945

Pt	-0.37730779	0.83906308	-1.57489623
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Pt	-1.81956146	-2.02348015	-0.03773197
Pt	-0.86872372	-0.30248115	1.59256479
Pt	0.56079445	-1.38891663	-0.75667758
Pt	1.51852493	1.55022776	-0.02156334
Pt	2.97549868	-0.48607659	-0.74327670
Pt	1.67099927	-0.55857701	1.46944550
Pt	-2.69324520	0.30790236	-0.58139222
Pt	-0.96697916	2.06233834	0.65352775

9

#3.160:quintet:UNK = -1074.06128768

Pt	0.28092259	1.66040989	-0.02450927
Pt	2.86477029	-0.77055020	0.78034105
Pt	2.64354740	1.15523901	-0.83160914
Pt	-2.03093481	-0.52114163	1.09276148
Pt	-1.16352367	-2.35295901	-0.58244302
Pt	-1.66896798	0.02308939	-1.40450481
Pt	0.84646892	-0.76110660	-0.93695948
Pt	-2.23723172	1.90766297	0.34274609
Pt	0.46494898	-0.34064382	1.56417712

9

#3.269:septet:UNK = -1074.06128659

Pt	-1.74255009	0.23364048	-0.59128149
Pt	0.66088652	-0.72033254	1.44283633
Pt	0.77326932	-0.67240971	-1.11239237
Pt	2.98243932	-0.71001195	0.35349863
Pt	0.10874980	1.64040053	0.59601747
Pt	-1.73708607	-1.59011807	1.20417615
Pt	-2.07487181	2.65331429	-0.00937746
Pt	-1.22820957	-2.28632413	-1.17087923
Pt	2.25737260	1.45184111	-0.71259803

9

#3.66:singlet:UNK = -1074.06126168

Pt	0.71299257	-1.25348073	1.34428421
Pt	0.74133350	-1.45510323	-1.17965439
Pt	-1.83535239	-1.07141821	-1.22819372
Pt	-0.09856628	0.90451138	-1.32091210
Pt	2.84100169	-0.59098955	0.04797764
Pt	-2.38773179	1.37086980	-0.11304793
Pt	-1.87166552	-0.82768521	1.34608318
Pt	1.99051782	1.80926116	-0.12146878
Pt	-0.09252961	1.11403458	1.22493190

9

#3.114:singlet:UNK = -1074.06122009

Pt	-1.00043271	-2.01727929	0.83101815
Pt	0.20190529	-0.73533174	-1.20459149
Pt	1.30833690	-0.70199029	1.20188061
Pt	2.73223669	-0.77759415	-1.01579199
Pt	2.52546031	1.39225688	0.26738126
Pt	0.06886841	1.66203138	-0.31054113
Pt	-2.48099709	1.58902780	-0.30967452
Pt	-1.01415389	0.39381743	1.59776250
Pt	-2.34122391	-0.80493802	-1.05744337

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#3.18:quintet:UNK = -1074.06113657
Pt      0.44934105      1.36827576      -1.28143894
Pt      2.53427726      -1.28512727      0.03646265
Pt      -2.13019943      -1.16559595      -0.88551808
Pt      0.18315123      1.15785634      1.28548767
Pt      -2.04152435      1.34582356      -0.63651435
Pt      0.37975077      -1.15044234      -1.40920276
Pt      0.20698525      -1.35798996      1.13671094
Pt      2.52172924      1.23225284      0.22736488
Pt      -2.10351101      -0.14505298      1.52664799
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#3.197:septet:UNK = -1074.06111398
Pt      -0.01411948      0.04400315      -1.75233429
Pt      1.30780217      -0.44223126      1.51480312
Pt      -1.26068372      0.35171378      1.55654660
Pt      1.91610509      -1.42617801      -0.82644880
Pt      0.64316513      1.63479219      0.10271476
Pt      -0.67379593      -1.65791589      0.00613346
Pt      -3.06551561      -0.71661095      0.08337055
Pt      -1.92672196      1.48199995      -0.76764207
Pt      3.07376431      0.73042705      0.08285667
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#3.162:nonet:UNK = -1074.06109359
Pt      -0.98579631      -1.22586041      1.43314749
Pt      -0.34482199      0.55577501      -1.54193360
Pt      0.91036340      0.53949358      1.35195911
Pt      2.08876181      1.04212170      -0.86545619
Pt      -2.16403860      -1.36484728      -0.92080612
Pt      2.72613299      -1.11339611      0.41586630
Pt      0.46395750      -1.68088870      -0.63392641
Pt      -2.28331530      0.79461940      0.56684660
Pt      -0.41124349      2.45298280      0.19430282
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9

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#3.219:triplet:UNK = -1074.06108977
Pt      2.74205057      1.28166595      0.12112010
Pt      0.37703768      1.44820469      -0.77042703
Pt      -1.36392808      -1.53937062      1.28033000
Pt      0.36969464      -1.11405972      -1.18576719
Pt      -1.44489084      0.95223708      1.59561936
Pt      0.87604369      -0.19426568      1.19704440
Pt      -2.14944817      -1.05937397      -1.11595922
Pt      -2.14476912      1.45303703      -0.83418575
Pt      2.73820963      -1.22807476      -0.28777467
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9

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#3.190:triplet:UNK = -1074.06100683
Pt      -1.65490969      0.03538053      1.48637561
Pt      0.19680591      -0.69671200      -1.40059568
Pt      -2.31994199      -0.64751648      -0.92322539
Pt      0.28026962      1.59829491      -0.32031420
Pt      2.60523611      -0.98305341      -0.62777938
Pt      -2.23735927      1.82320223      -0.29252401
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Pt	2.74771102	1.38049329	0.24408291
Pt	-0.62105391	-2.22298738	0.52093672
Pt	1.00324221	-0.28710169	1.31304342
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#3.241:quintet:UNK = -1074.06094883			
Pt	-0.53884409	0.33364595	-1.44974573
Pt	-0.36812068	2.55849100	0.04162049
Pt	2.51845689	-1.30311031	0.30220235
Pt	-2.08938870	0.67915754	0.58376956
Pt	-0.43791281	-0.55256492	2.07270221
Pt	-2.42369071	-1.37265831	-0.95291837
Pt	1.28314741	0.86773422	0.93721126
Pt	0.00882878	-1.77519910	-0.11325914
Pt	2.04752391	0.56450393	-1.42158263
9			
#3.207:singlet:UNK = -1074.06075547			
Pt	-1.36524431	0.75574981	-0.03320468
Pt	0.84173099	-0.82156321	-1.35636557
Pt	-1.39102408	-1.74353459	0.05322799
Pt	-1.50938153	-0.52924746	-2.25951794
Pt	1.45795318	1.30863114	-0.02425543
Pt	0.85724403	-0.78072883	1.37073613
Pt	-0.39978794	2.99511652	-0.02478525
Pt	2.99203311	-0.73715364	-0.00355150
Pt	-1.48352346	-0.44726973	2.27771626
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#3.248:quintet:UNK = -1074.06074820			
Pt	2.46224328	1.05005438	-0.72052733
Pt	-2.25376520	-0.50152780	1.27598128
Pt	0.44977914	-1.82357697	-0.59364177
Pt	-1.97634497	-1.21323239	-1.18845745
Pt	0.25897530	-0.47955706	1.48909079
Pt	2.59780402	-1.08824008	0.65379067
Pt	-1.99530413	1.62370946	-0.07293613
Pt	0.47938996	1.89787538	0.63581559
Pt	-0.02277740	0.53449506	-1.47911567
9			
#3.267:triplet:UNK = -1074.06069014			
Pt	-0.11399715	3.22420840	-0.10963699
Pt	-2.12413038	-0.23803094	-1.45064249
Pt	-2.31876225	-1.31032555	0.89862421
Pt	2.14241034	-1.06355045	-1.36762642
Pt	1.19217040	1.14809613	-0.41145220
Pt	-0.20605475	-1.72178350	-0.72673390
Pt	-1.29739090	1.13519977	0.52748241
Pt	2.59451554	-0.40372645	1.05490248
Pt	0.13123915	-0.77008740	1.58508290
9			
#3.232:quintet:UNK = -1074.06064561			
Pt	-2.63700971	-1.01069001	-0.79651187
Pt	-2.15282149	0.36279950	1.32664972
Pt	1.32828320	2.09526988	-1.05137472

Pt	0.34165651	-0.25309021	1.14085410
Pt	-0.60681701	0.45381298	-1.22509290
Pt	2.63357680	0.26363138	0.09241938
Pt	-0.32148601	-2.05696571	-0.61791099
Pt	-0.58680849	2.29950859	0.65165049
Pt	2.00142620	-2.15427641	0.47931679

9

#3.298:septet:UNK = -1074.06062738

Pt	-0.35262322	3.22072070	0.01121828
Pt	-2.14759253	-0.90663959	1.51699549
Pt	-2.15990980	-1.26797361	-1.01204700
Pt	2.04522907	-0.38624068	1.69775434
Pt	2.47739940	-1.04660570	-0.73209785
Pt	-1.43565591	1.01092220	0.01919459
Pt	0.10277369	-1.50126540	0.46089162
Pt	1.20995039	1.27424220	-0.09642408
Pt	0.26042891	-0.39716011	-1.86548538

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#3.296:singlet:UNK = -1074.06061198

Pt	2.56872360	-0.18263064	1.05930483
Pt	-0.48477041	2.15235400	0.89053005
Pt	0.12918850	-0.16667194	1.83026282
Pt	-2.14300391	0.11605830	0.19014480
Pt	-2.30582608	-2.35877181	0.06068067
Pt	-1.15739808	1.82543930	-1.52035594
Pt	-0.13457044	-1.15883392	-0.53663246
Pt	2.34481307	-1.23143812	-1.26976075
Pt	1.18284375	1.00449484	-0.70417401

9

#3.194:singlet:UNK = -1074.06058057

Pt	1.62437742	-0.51979784	1.42069335
Pt	-0.75758119	-1.74164112	1.01221943
Pt	2.41965289	-1.00246736	-0.98544598
Pt	-0.65179338	0.69490295	1.61063712
Pt	-0.08425442	-0.86922284	-1.30667724
Pt	-2.56421551	-0.96818846	-0.77175032
Pt	0.00729069	1.57638573	-0.65129945
Pt	2.49552090	1.38028011	-0.20228079
Pt	-2.48899740	1.44974882	-0.12609613

9

#3.76:nonet:UNK = -1074.06056564

Pt	0.01577507	-0.70150916	1.79376520
Pt	2.54685701	-0.02954988	-1.05034039
Pt	-0.01856333	2.46845290	-0.44249055
Pt	-2.54612719	-0.04532464	-1.05344083
Pt	-1.31313305	-2.01003755	0.00395441
Pt	1.32168815	-2.01134042	-0.01391547
Pt	-1.62127108	1.12207587	1.02853196
Pt	1.61442842	1.14891009	1.02074548
Pt	0.00034601	0.05832279	-1.28680981

9

#3.261:nonet:UNK = -1074.06056240

Pt	1.00353911	2.82808596	0.11820296
Pt	2.09492511	0.56456711	-0.09149003
Pt	0.56888863	-1.55079432	0.50780422
Pt	-0.36923488	1.04638920	-1.18699920
Pt	-2.78805990	0.51795161	-0.50708715
Pt	2.92416951	-1.74833653	-0.30082111
Pt	-1.32461629	-1.43192436	-1.23162575
Pt	-1.88319194	-1.12047800	1.33401925
Pt	-0.22641935	0.89453933	1.35799680

9

#3.117:septet:UNK = -1074.06052749

Pt	0.29362746	1.36022350	0.55105667
Pt	-0.89639179	0.10918020	-1.38116009
Pt	-2.04020840	2.12226859	-0.12993565
Pt	-0.35463475	-0.94097564	1.49418254
Pt	2.20312618	-0.32681607	1.32184942
Pt	-2.65040522	-0.30673276	0.46276712
Pt	-0.62950951	-2.39178599	-0.61374932
Pt	2.62807636	1.31515156	-0.62713752
Pt	1.44631966	-0.94051340	-1.07787316

9

#3.184:quintet:UNK = -1074.06050236

Pt	-2.40887531	-0.05646893	-0.73813813
Pt	-1.57712862	-2.20235482	0.37446511
Pt	0.00522650	0.49177426	-1.38687262
Pt	1.83577048	-0.50167171	1.37739781
Pt	1.04358839	1.82164908	0.58285457
Pt	-0.69993572	-0.02670460	1.42816418
Pt	-1.50712191	2.22570008	0.04769905
Pt	2.56729860	0.02305696	-1.09318220
Pt	0.74117759	-1.77498033	-0.59238778

9

#3.177:quintet:UNK = -1074.06049269

Pt	-2.43574309	-0.76429515	-0.79202410
Pt	0.04101266	1.73101451	-0.26553262
Pt	2.55511921	-0.64797485	-1.11323448
Pt	2.50095366	1.43482006	0.31547649
Pt	0.03755521	-0.60283241	-1.34792289
Pt	-2.49549814	1.67107426	-0.09198073
Pt	1.45743900	-0.81223464	1.20365102
Pt	-0.89546902	0.20650231	1.50011819
Pt	-0.76536947	-2.21607410	0.59144913

9

#3.39:singlet:UNK = -1074.06046379

Pt	-1.27260275	0.84642892	1.19413027
Pt	1.28572947	1.12826142	-0.39145902
Pt	-0.34421162	2.97848384	0.12946782
Pt	-1.77085209	-1.53250031	-1.30644157
Pt	0.32625742	-1.33521191	0.13218554
Pt	2.40134476	-0.51345840	1.37992183
Pt	-1.18959803	0.96341315	-1.26192463
Pt	2.60509185	-0.95185878	-1.04398496

Pt	-2.04115900	-1.58355793	1.16810473
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9

#3.106:triplet:UNK = -1074.06046176

Pt	0.09883457	-1.57218833	0.98159226
Pt	2.16003265	-1.27763334	-0.99586346
Pt	-0.29206793	-0.42467766	-1.27178471
Pt	-2.14660546	-1.93595953	-0.25651022
Pt	1.54934382	1.28953418	-0.90059559
Pt	-0.36657615	0.82933837	1.52764723
Pt	2.13316982	0.03164851	1.30243167
Pt	-0.68703944	2.47891673	-0.36239773
Pt	-2.44909188	0.58102107	-0.02451945

9

#3.156:singlet:UNK = -1074.06039372

Pt	0.11796202	-0.78873818	1.47389879
Pt	2.51895822	0.04156341	1.34179148
Pt	-2.18176940	-1.28108489	-1.13929369
Pt	0.80523921	0.89981041	-0.46508682
Pt	-0.23394958	3.17344331	-0.28264533
Pt	0.31436530	-1.58750760	-0.93747310
Pt	-2.40094888	-0.78230028	1.31116481
Pt	-1.67737729	1.14548841	-0.28922521
Pt	2.73752040	-0.82067460	-1.01313092

9

#3.245:quintet:UNK = -1074.06018208

Pt	0.83170678	-0.51152343	-1.07640510
Pt	-1.74297619	0.00111067	-0.67480908
Pt	3.06439260	-0.41014744	0.28267289
Pt	0.78365360	-0.59236636	1.48118860
Pt	-0.15526282	1.66540949	0.57972243
Pt	-2.49237139	2.29603189	-0.01750964
Pt	2.06455888	1.69273021	-0.66777468
Pt	-0.84546250	-2.43091266	-1.12061291
Pt	-1.50823895	-1.71033236	1.21352750

9

#3.138:singlet:UNK = -1074.06011251

Pt	2.75802995	1.28581888	0.40804940
Pt	-2.25763959	-0.52516196	-1.00939151
Pt	0.37850985	1.73009521	-0.31281433
Pt	-2.12582476	1.92425586	-0.24438615
Pt	2.67122452	-1.02422863	-0.60455176
Pt	-1.69380262	-0.00197391	1.44700909
Pt	-0.83323026	-2.32373020	0.47749743
Pt	0.25170572	-0.67847751	-1.32766679
Pt	0.85102719	-0.38659775	1.16625461

9

#3.227:nonet:UNK = -1074.06005426

Pt	-0.06063599	1.47117460	-0.09660548
Pt	2.37788919	-0.83083501	-1.23575441
Pt	2.37290579	-0.66774934	1.33857339
Pt	-0.16117181	-0.73558761	1.31641349
Pt	-0.15719511	-0.87353359	-1.25106631

Pt	-2.23583219	0.91881131	1.24871011
Pt	-2.32022601	-1.53389588	0.07906358
Pt	-2.26801639	0.76961223	-1.30897279
Pt	2.45228251	1.48200328	-0.09036159
9			
#3.104:singlet:UNK = -1074.05998304			
Pt	0.14682471	2.57535890	0.10997255
Pt	2.12223681	0.63293672	-1.16245149
Pt	-1.88500980	1.05404380	0.49318241
Pt	2.29428549	-1.62547561	0.12596396
Pt	1.27892910	0.52854987	1.18074011
Pt	-2.55681550	-0.98246986	-0.96843334
Pt	-0.21470781	-1.84616599	-0.25761996
Pt	-0.78859021	-0.70690634	1.94130327
Pt	-0.39715279	0.37012854	-1.46265750
9			
#3.295:nonet:UNK = -1074.05997267			
Pt	-1.41586170	-1.31270680	1.34735360
Pt	2.15797976	0.60875598	0.08092630
Pt	-2.61505075	0.74378544	0.35587483
Pt	-0.17551357	1.02012174	1.30315846
Pt	2.97117343	-1.71513939	0.14359077
Pt	0.54253123	-1.47487628	-0.37795947
Pt	-0.53701913	0.81293546	-1.23391894
Pt	-1.86659966	-1.44335588	-1.25755620
Pt	0.93836040	2.76047973	-0.36146937
9			
#3.81:singlet:UNK = -1074.05994326			
Pt	-0.20560851	0.17299503	-1.52447591
Pt	0.11848598	-1.91070211	-0.21854921
Pt	-2.34114551	0.34964516	0.97462278
Pt	-1.04822940	2.18194150	-0.24656301
Pt	-2.25814322	-1.26163414	-1.03607214
Pt	-0.09417562	-0.47267311	1.86570162
Pt	2.37581268	-1.00878658	0.73613106
Pt	1.14537060	1.39997813	0.77955123
Pt	2.30763300	0.54923612	-1.33034642
9			
#3.202:septet:UNK = -1074.05992986			
Pt	1.96747898	-0.62921719	1.36649157
Pt	-2.02595831	1.51378675	-0.82091491
Pt	-0.40549851	-1.51700916	0.86219480
Pt	0.27252639	1.25737067	0.48136409
Pt	2.23890220	-0.96636512	-1.19782655
Pt	-0.21732470	-0.38670710	-1.44165843
Pt	2.74656949	1.31080841	-0.16063610
Pt	-2.63446441	-1.00354016	-0.64400638
Pt	-1.94223112	0.42087289	1.55499192
9			
#3.286:nonet:UNK = -1074.05992902			
Pt	0.70944639	-1.47258320	0.48218730
Pt	-1.76048631	-0.91104590	1.43590860

Pt	0.04967069	0.93033470	1.44032770
Pt	0.73782609	2.90501360	-0.07441150
Pt	-2.94868451	0.30205520	-0.55947530
Pt	-0.49203371	0.87045310	-1.08177530
Pt	2.03508679	0.66640760	-0.29883250
Pt	-1.37168441	-1.63632330	-1.06107390
Pt	3.04085899	-1.65431180	-0.28285510

9

#3.157:singlet:UNK = -1074.05981173

Pt	2.46399735	1.51910976	0.58814204
Pt	0.56454225	-0.99571858	-1.34338080
Pt	2.99890703	-0.56434102	-0.69987606
Pt	1.13987760	-0.71068287	1.15315931
Pt	0.02157547	1.23577930	-0.11362879
Pt	-1.23078458	-1.59142264	1.55893388
Pt	-1.75598534	-1.95226274	-0.91553983
Pt	-2.23990571	0.31858264	0.14371637
Pt	-1.96222407	2.74095615	-0.37152612

9

#3.268:septet:UNK = -1074.05957169

Pt	-0.37888550	-0.60303531	-1.19420241
Pt	-0.22169100	0.61779200	1.52221399
Pt	1.32546682	-1.62385868	0.52500079
Pt	1.59777789	0.90977122	-0.41998612
Pt	3.43948321	-0.71411626	-0.55272732
Pt	0.13646917	2.86183250	0.24738928
Pt	-1.21230518	-1.72391091	1.06965630
Pt	-1.81430112	1.29929548	-0.39191791
Pt	-2.87201429	-1.02377004	-0.80542659

9

#3.282:singlet:UNK = -1074.05950563

Pt	0.23988156	-1.50597121	-0.85259688
Pt	-2.29517323	-1.80746660	-0.82593177
Pt	0.15029257	1.07124959	-0.54108621
Pt	-1.06514224	-1.36368933	1.38833782
Pt	2.68427887	1.30218157	-0.36837842
Pt	2.69511435	-1.21292323	-0.30474720
Pt	1.24818392	-0.02061105	1.46352420
Pt	-2.19460311	0.58360852	0.12001820
Pt	-1.46283269	2.95362174	-0.07913973

9

#3.183:septet:UNK = -1074.05931508

Pt	-3.01317510	-1.02187650	0.16765681
Pt	-1.27783541	0.23031762	1.61108320
Pt	-1.70165119	0.40189548	-1.56442910
Pt	1.31807929	-0.05970498	1.47416772
Pt	-0.54658500	-1.52870490	-0.20396327
Pt	2.03794420	-1.62234850	-0.51980075
Pt	-0.96687430	2.24838150	0.05189367
Pt	3.27769960	0.59987100	-0.06502338
Pt	0.87239790	0.75216929	-0.95158490

9

#3.195:septet:UNK = -1074.05928882

Pt	-1.39967759	-0.83453408	1.47579232
Pt	0.91735822	0.91957328	-0.17622050
Pt	-1.67827728	1.20693330	-0.15824630
Pt	-0.08236096	3.15492199	-0.04762633
Pt	1.21954930	-1.15635901	1.25172752
Pt	-3.24568800	-0.87655478	-0.30829517
Pt	3.30348641	0.09396776	0.24872560
Pt	1.77794999	-1.35458204	-1.25389098
Pt	-0.81234010	-1.15336641	-1.03196617

9

#3.260:nonet:UNK = -1074.05922696

Pt	1.64634389	-0.04530454	1.45921002
Pt	-1.59339976	-1.98875323	0.38995114
Pt	2.15243207	1.68228472	-0.38686323
Pt	-0.23220891	0.92544496	-0.77638873
Pt	-0.96886242	0.15310532	1.62921079
Pt	0.72980143	-1.43077301	-0.52321665
Pt	-2.46979763	1.68118425	0.20389293
Pt	-2.43310278	-0.34645640	-1.36731651
Pt	3.16879412	-0.63073207	-0.62847975

9

#3.190:singlet:UNK = -1074.05919047

Pt	-2.12046481	-1.23466386	-1.27471199
Pt	0.48636852	1.01773390	0.00020832
Pt	2.97990462	1.12040896	0.00372875
Pt	2.67924628	-1.32887204	-0.00396694
Pt	0.43482606	-1.24833299	1.24076854
Pt	-2.00609898	0.98642885	-0.00290511
Pt	-2.11625244	-1.22672094	1.28281381
Pt	-0.76855724	3.16005582	-0.00239941
Pt	0.43102799	-1.24603771	-1.24353596

9

#3.224:septet:UNK = -1074.05910073

Pt	0.80592069	-0.98916708	-1.14815262
Pt	-1.77554621	-1.36666488	-1.25763522
Pt	-1.28824611	1.06169001	-0.42462688
Pt	-0.00463321	3.14951300	-0.00108036
Pt	1.29265899	1.06949929	0.41188091
Pt	3.22379429	-0.30075989	-0.57818761
Pt	1.77671349	-1.35020672	1.26918558
Pt	-3.22431281	-0.29435241	0.57249540
Pt	-0.80634911	-0.97955132	1.15612079

9

#3.226:nonet:UNK = -1074.05907768

Pt	-1.63797496	-1.59542537	-1.25026326
Pt	3.17487185	-1.10302681	-0.00078916
Pt	-2.01449009	0.68173299	0.01229196
Pt	-0.14600429	0.70216488	1.71461166
Pt	-0.14682158	0.65821006	-1.69687143
Pt	1.77333223	0.97124255	0.01953836
Pt	-1.51690278	-1.57494319	1.32511044

Pt	-0.21216641	2.73376792	-0.04876811
Pt	0.72615603	-1.47372302	-0.07486046
9			
#3.177:nonet:UNK = -1074.05906884			
Pt	1.13900981	1.30957343	-0.55957348
Pt	1.10740419	-1.31174337	-0.55598994
Pt	-0.70066150	0.01311089	1.45217419
Pt	-3.03868100	-0.01304606	0.22260120
Pt	-1.31678281	-2.04358527	-0.00574915
Pt	-1.26193649	2.07645903	-0.01070516
Pt	1.88462570	-0.00439272	1.58214758
Pt	3.33427170	-0.03615359	-0.55643392
Pt	-1.14724960	0.00977766	-1.56847131
9			
#3.155:septet:UNK = -1074.05896178			
Pt	-2.79280859	-0.61367775	-0.59670239
Pt	3.18991860	0.39452402	0.01552132
Pt	-1.53260891	0.24951221	1.61050240
Pt	1.00412908	1.70007499	-0.31819822
Pt	1.06221569	-0.11676297	1.44710232
Pt	-1.56032782	1.91960646	-0.34481854
Pt	-0.73585688	-1.88006411	0.35948695
Pt	1.69292092	-1.53568311	-0.71795974
Pt	-0.32758209	-0.11752975	-1.45493409
9			
#3.40:singlet:UNK = -1074.05891596			
Pt	-0.38694980	-1.37087159	1.18667743
Pt	2.04316027	1.43701332	-0.43087990
Pt	-0.21509979	-1.13264172	-1.33006567
Pt	1.96900869	-0.36771745	1.51971283
Pt	-2.54444303	1.21433967	0.14697338
Pt	-2.53475019	-1.28986204	-0.21212728
Pt	-0.39222982	1.39051048	-1.21410381
Pt	-0.23202593	1.14589472	1.32431199
Pt	2.29332961	-1.02666538	-0.99049896
9			
#3.150:septet:UNK = -1074.05889097			
Pt	-0.71343889	-2.00014068	0.55900178
Pt	-1.69952857	-0.80454777	-1.50063807
Pt	-3.01806347	0.94429759	-0.13109305
Pt	1.17898472	-0.06476096	1.35376281
Pt	-0.54223607	1.35178907	-0.47916496
Pt	-1.40006838	0.17654557	1.73532749
Pt	1.99201323	1.74330247	-0.32221807
Pt	0.92632322	-0.87269356	-1.12722386
Pt	3.27601422	-0.47379172	-0.08775407
9			
#3.272:quintet:UNK = -1074.05887168			
Pt	0.94664732	0.33858080	1.21205920
Pt	2.04658341	-1.88917640	0.39789606
Pt	2.93162169	0.20882971	-0.59809314
Pt	-2.84615041	-1.15874661	-0.62244274

Pt	0.52061477	0.73238901	-1.32760279
Pt	-1.85466151	1.21231450	-0.41574715
Pt	0.09307710	2.64499650	0.40846552
Pt	-1.51975467	-0.49285391	1.49544014
Pt	-0.31797770	-1.59633360	-0.54997509

9

#3.281:septet:UNK = -1074.05886380

Pt	3.03021523	-0.56819267	0.53929656
Pt	-0.34465473	2.48486628	0.13004087
Pt	1.96392988	1.35324104	-0.77880598
Pt	-1.55265946	-2.12751672	-0.76410234
Pt	-1.81346316	-0.77128388	1.35776959
Pt	-0.35346970	0.16665241	-1.19103059
Pt	0.98830474	-1.92370039	-0.30489206
Pt	0.60492562	0.21594597	1.16656290
Pt	-2.52312841	1.16998795	-0.15483895

9

#3.249:nonet:UNK = -1074.05882482

Pt	1.28665791	1.10295098	0.33333900
Pt	-0.80870539	-1.02445983	1.14149860
Pt	-1.28928429	1.10213378	-0.33570230
Pt	3.21040571	-0.35857072	-0.56700420
Pt	0.81065151	-1.02658852	-1.14088190
Pt	-0.00221949	3.19680598	-0.00001369
Pt	-3.20938389	-0.36165913	0.56747120
Pt	-1.75270109	-1.31689792	-1.31884590
Pt	1.75457901	-1.31371462	1.32013920

9

#3.177:singlet:UNK = -1074.05873183

Pt	-1.98920529	0.47689253	-0.63969297
Pt	2.00232966	-0.40900324	-0.29028883
Pt	2.41482869	1.78708073	-1.42366154
Pt	0.02308025	-2.00386110	-0.19677540
Pt	0.31046888	1.38533668	-0.15199891
Pt	1.42746881	-1.55905099	1.90600528
Pt	-0.76480051	-0.24056345	1.45822141
Pt	-1.69297334	2.21637312	1.23399562
Pt	-1.73119715	-1.65320428	-1.89580467

9

#3.217:triplet:UNK = -1074.05872164

Pt	-1.93926161	0.49973835	1.22829178
Pt	2.99313709	0.34198415	0.31066880
Pt	-0.21209020	-2.00567829	0.53763206
Pt	-2.50626442	-1.38568943	-0.45969356
Pt	1.03054883	1.84683404	-0.34767575
Pt	-1.51472779	2.13741371	-0.68243167
Pt	-0.35118138	-0.10409685	-1.20412860
Pt	1.83528388	-1.51255034	-0.93489325
Pt	0.66455560	0.18204468	1.55223020

9

#3.291:quintet:UNK = -1074.05857283

Pt	0.80121464	-0.47874840	1.32357153
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Pt	0.71375896	-0.44700696	-1.22804977
Pt	3.02640486	-0.61242610	-0.07345045
Pt	-0.08170154	-2.56221072	-0.00034574
Pt	-2.35150075	-1.48056345	-0.03906908
Pt	-0.63191128	2.72477642	0.04129445
Pt	1.63795774	1.57617656	-0.04074361
Pt	-1.58288686	0.67074450	-1.26096661
Pt	-1.53133577	0.60925816	1.27775929

9

#3.183:singlet:UNK = -1074.05849104

Pt	-1.56279853	2.94678842	-0.40418463
Pt	3.17253650	-0.41081828	-0.96364632
Pt	-2.21711858	0.51377133	-0.26249081
Pt	0.61769180	-0.70053521	1.48845849
Pt	-1.64683403	-1.87967119	-1.09665849
Pt	-1.80429021	-1.47970907	1.37955750
Pt	2.50069203	0.98049775	0.96374368
Pt	0.79239059	-1.14984403	-0.99206830
Pt	0.14773043	1.17952029	-0.11271112

9

#3.139:quintet:UNK = -1074.05838819

Pt	-2.00266150	-1.80829711	0.27784588
Pt	-1.59414481	1.90487159	0.02051298
Pt	1.04688968	-0.11565770	1.31111793
Pt	0.85969061	1.62787300	-0.57482697
Pt	-1.41930293	0.11463900	1.87094749
Pt	2.29887421	-1.65575729	-0.39948495
Pt	-2.35624577	0.02187259	-1.47416623
Pt	-0.00206478	-0.76985470	-0.97167789
Pt	3.16896530	0.68031061	-0.06026823

9

#3.261:singlet:UNK = -1074.05838795

Pt	-0.58277289	2.94682209	-0.38850746
Pt	0.16290480	-0.24202868	-1.19738712
Pt	-2.13381105	-1.41308688	1.36050579
Pt	2.63120133	-0.55237804	1.09464205
Pt	-2.08141537	-1.48565684	-1.14382911
Pt	-1.86917033	0.87184835	0.01013252
Pt	1.47575756	1.55314534	0.06881710
Pt	0.09883002	-0.13574142	1.32819399
Pt	2.29847593	-1.54292392	-1.13256776

9

#3.111:singlet:UNK = -1074.05825106

Pt	2.76571782	-0.00231842	-0.72061856
Pt	1.67370910	0.01987743	1.67071883
Pt	-0.91161610	0.02118945	1.68401132
Pt	-1.69039707	2.01839353	0.30924518
Pt	0.82260240	-1.67846670	-0.08404844
Pt	0.80269693	1.68891610	-0.10692820
Pt	-2.12001258	-0.03857329	-1.23279959
Pt	-1.66318031	-2.01539197	0.36142135
Pt	0.32047982	-0.01362612	-1.88100188

9
#3.145:quintet:UNK = -1074.05817829
Pt -1.68776641 1.14484606 1.27977905
Pt 1.23677692 -0.88687900 1.13243288
Pt 3.06951340 -0.46314983 -0.73689192
Pt -2.43926232 0.99630590 -1.17925305
Pt -1.21635447 -1.33067554 1.62860979
Pt 0.62332810 -0.90301495 -1.32644262
Pt -1.80435309 -1.43350849 -0.85777141
Pt 2.21339378 1.46022713 0.63593273
Pt 0.00472408 1.41584872 -0.57639546

9
#3.151:triplet:UNK = -1074.05809545
Pt -2.54217222 -0.56818599 1.08424877
Pt -0.00997920 -2.39700860 -0.65655100
Pt 2.53688438 -0.56766951 1.09526603
Pt 2.52531071 1.68523299 -0.13626097
Pt -1.45705489 -0.37645200 -1.25131722
Pt 0.00437250 1.56704380 -0.02533810
Pt -0.00290812 -0.64520800 1.26047770
Pt 1.46283311 -0.39272241 -1.24471958
Pt -2.51728629 1.69496971 -0.12580563

9
#3.158:singlet:UNK = -1074.05807349
Pt -0.82273322 0.17584829 -1.41231521
Pt 1.42003328 -0.96569831 -1.12701472
Pt -2.39426501 -0.75213650 0.82874130
Pt 2.42722349 1.39311958 -0.43972462
Pt -0.78565982 -2.32668471 -0.51715241
Pt 0.06354459 -0.47295541 1.30422229
Pt -2.51800020 1.62895000 -0.02266510
Pt 0.02458040 1.86428959 0.24963269
Pt 2.58527649 -0.54473252 1.13627578

9
#3.206:singlet:UNK = -1074.05803773
Pt -2.33146794 -1.20170571 1.26673814
Pt -0.16796522 2.92263089 0.00470454
Pt 2.42583746 -1.09473606 1.28461461
Pt 0.03592377 -0.28125604 -1.26898219
Pt 0.04734009 -0.24050149 1.26367270
Pt 1.68394893 1.20391933 -0.04199484
Pt -1.78254328 1.05128314 -0.02088331
Pt 2.42876514 -1.11316471 -1.25069619
Pt -2.33983896 -1.24646936 -1.23717346

9
#3.230:quintet:UNK = -1074.05797178
Pt 1.43433696 1.33941705 -0.29101376
Pt 2.11403181 -0.23227818 1.57747550
Pt 0.24704544 -1.40598107 -0.84011164
Pt -2.61803451 0.25850452 -0.00886390
Pt -0.45020780 -0.17337905 1.30199420
Pt 2.73333462 -0.78478170 -0.86918322

Pt	-0.72873942	0.81942962	-1.66862938
Pt	-1.92276674	-2.15755737	0.30642894
Pt	-0.80900037	2.33662616	0.49190326
9			
#3.68:triplet:UNK = -1074.05792277			
Pt	2.51475318	1.37645404	-0.13566634
Pt	-0.63932871	0.62513931	1.60612413
Pt	-0.09470119	-0.80882445	-1.33693864
Pt	1.60058851	-0.61330495	1.39824187
Pt	-2.47055522	1.47236095	-0.07607073
Pt	2.41246841	-0.96778193	-1.02518145
Pt	-0.77630307	-1.77707317	0.95594402
Pt	0.03260117	1.61696442	-0.59170803
Pt	-2.57952309	-0.92393422	-0.79474484
9			
#3.199:septet:UNK = -1074.05786782			
Pt	0.74050134	-1.83767020	0.43784164
Pt	-1.01117386	2.14440357	0.05917470
Pt	-0.05692370	0.31151424	1.55102212
Pt	-1.87794166	-1.44144138	0.97198918
Pt	2.75243660	-0.76896801	-0.73281045
Pt	-0.81983840	-0.99699097	-1.36408971
Pt	2.24501927	1.20858823	0.86259073
Pt	0.82611925	0.90745516	-1.20999417
Pt	-2.79819883	0.47310935	-0.57572404
9			
#3.112:singlet:UNK = -1074.05781494			
Pt	3.58854039	-0.05496784	-0.46393878
Pt	1.36253822	0.96080634	0.11049721
Pt	-0.74277839	-1.83990589	1.20419829
Pt	-2.07322117	0.99349797	-0.64994161
Pt	-0.79112939	0.69195841	1.43798140
Pt	-2.43213437	-1.58127742	-0.69840312
Pt	1.66215073	-1.53584277	0.21985730
Pt	-0.43032950	2.87633570	0.11086811
Pt	-0.14363652	-0.51060450	-1.27111880
9			
#3.195:triplet:UNK = -1074.05780036			
Pt	0.26234863	0.84023773	-0.97980077
Pt	-0.57926291	-1.96442410	-0.09263728
Pt	1.73663850	-1.22633139	-0.93853582
Pt	-1.78356296	1.93448634	0.18600395
Pt	2.71167493	1.29809843	-0.47926459
Pt	2.36574900	-0.32681794	1.40205482
Pt	-2.64423590	-0.34994490	0.97631940
Pt	-0.12897589	0.08339630	1.42734838
Pt	-1.94037339	-0.28870048	-1.50148810
9			
#3.158:triplet:UNK = -1074.05778303			
Pt	-0.84724462	-2.12960280	0.74748593
Pt	-2.57811270	1.58849739	-0.33837103
Pt	2.82956979	-0.67666913	-0.93100116

Pt	-2.26639311	-0.84315361	-0.97551430
Pt	1.29222038	-0.60868680	1.20152043
Pt	0.30134950	-0.78340942	-1.23757078
Pt	-0.02350960	1.62375969	-0.32231031
Pt	2.45012919	1.51710159	0.31764342
Pt	-1.15800882	0.31216311	1.53811780

9

#3.294:nonet:UNK = -1074.05776205

Pt	3.12439459	-1.09455686	-0.85385057
Pt	0.85172426	-1.69092418	-0.09664954
Pt	1.74222067	0.80510474	-0.08854861
Pt	-1.68471405	-1.64075575	-0.83886169
Pt	-0.28677382	2.31907053	-0.84454844
Pt	-0.81502406	0.28323274	0.79547863
Pt	-1.09590755	-2.13682015	1.59343049
Pt	0.46659193	2.35209902	1.59311775
Pt	-2.30251196	0.80354991	-1.25956803

9

#3.61:quintet:UNK = -1074.05775751

Pt	0.00009430	-0.01000982	1.46772419
Pt	2.50484591	-1.28738068	-0.73497412
Pt	2.50378919	1.28835083	-0.73424564
Pt	-2.50302259	-1.27906722	-0.74988661
Pt	-2.50543531	1.29553751	-0.71939723
Pt	2.49338080	-0.00002499	1.48107667
Pt	-2.49337360	-0.01834002	1.48121060
Pt	0.00078161	-1.28727871	-0.75452351
Pt	-0.00106031	1.29821311	-0.73698434

9

#3.167:singlet:UNK = -1074.05768170

Pt	-2.34581890	-0.01022240	0.88306877
Pt	-1.73102532	2.00361868	-0.52411683
Pt	-0.37175126	0.02562385	-1.55237979
Pt	2.24285644	0.03822670	-1.50929325
Pt	2.52099759	-0.02612741	1.11020015
Pt	-1.73795574	-1.97881032	-0.58932761
Pt	-0.01996682	-0.03701640	1.92186421
Pt	0.71974154	-1.64171990	0.10165865
Pt	0.72292248	1.62642720	0.15832570

9

#3.234:quintet:UNK = -1074.05765391

Pt	-2.29230769	-0.62675581	-0.92410582
Pt	2.70840907	1.40991774	0.31614983
Pt	-0.64883839	-2.26647890	0.50392298
Pt	-2.26462503	1.84068048	-0.30003661
Pt	1.00500408	-0.34001218	1.26303891
Pt	2.65631811	-0.93146435	-0.68012748
Pt	0.25163327	1.60828802	-0.29824709
Pt	-1.62969802	-0.00131682	1.48624609
Pt	0.21410461	-0.69285818	-1.36684080

9

#3.69:triplet:UNK = -1074.05760700

Pt	-2.18458470	-1.72520172	0.12697117
Pt	2.60073784	-0.79577477	-0.91207524
Pt	0.30490190	-1.92336869	-0.36370155
Pt	-0.40310221	2.55198817	-0.00882356
Pt	0.92666316	-0.72614690	1.80443357
Pt	-1.25509860	0.45518660	1.30125310
Pt	1.82734905	1.24410457	0.49920760
Pt	-2.14626842	0.57200790	-1.05498319
Pt	0.32940199	0.34720483	-1.39228191

9

#3.197:singlet:UNK =	-1074.05758332		
Pt	-0.51541082	2.16411740	-0.35422928
Pt	2.79761250	-1.11458188	-0.39437520
Pt	0.20910348	0.65649918	1.54892461
Pt	-1.47001380	-1.37298910	-1.25464832
Pt	2.30914738	1.38175381	0.24122853
Pt	-1.89930971	-0.90281762	1.34278458
Pt	0.51406470	-1.67891630	0.61796149
Pt	-2.62342531	0.77304389	-0.48868431
Pt	0.67823159	0.09389062	-1.25896210

9

#3.122:singlet:UNK =	-1074.05751242		
Pt	-0.98083683	-0.65650701	1.66981613
Pt	2.21976198	0.67441549	-1.12888413
Pt	2.49505648	-1.31558988	0.39066900
Pt	1.12976801	0.78362188	1.19097288
Pt	-2.18995042	1.02137702	0.22660593
Pt	-2.33071643	-1.38968820	-0.85279184
Pt	-0.27221521	0.25691688	-1.28777669
Pt	-0.17779519	2.60939300	-0.01334863
Pt	0.10692760	-1.98393919	-0.19526266

9

#3.125:septet:UNK =	-1074.05745773		
Pt	1.75945820	-0.89867284	1.30308470
Pt	1.72009150	-0.92819552	-1.29280680
Pt	-2.78531070	-0.91976868	-0.01908101
Pt	2.84541712	1.01111456	-0.02471149
Pt	-2.23539827	1.64607061	0.03863251
Pt	-0.41894871	-1.94425211	0.04652948
Pt	-0.61815069	0.13989858	1.54068740
Pt	-0.67072609	0.06873761	-1.53499470
Pt	0.40356763	1.82506779	-0.05734009

9

#3.147:triplet:UNK =	-1074.05745495		
Pt	-0.19829929	2.64606039	-0.54872309
Pt	0.35700306	-1.52310160	0.31978343
Pt	-1.95762995	-2.03536379	-0.52769595
Pt	-2.92359752	0.05103316	0.58397440
Pt	2.75874886	-1.34561175	-0.47263518
Pt	1.99007149	0.19807171	1.46412348
Pt	-0.55066121	0.84458585	1.34669747
Pt	-1.02291302	0.30552278	-1.14143702

Pt	1.54727759	0.85880325	-1.02408754
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9

#3.245:triplet:UNK = -1074.05736968

Pt	-2.40531916	2.45393073	0.05847409
Pt	-1.01987932	-2.21154181	-1.28899416
Pt	0.72186958	-0.52233012	1.46666281
Pt	-1.95225889	0.03329635	-0.42829044
Pt	-0.10994955	1.61156658	0.37070652
Pt	-1.45086098	-1.83091847	1.20974454
Pt	1.16614015	-0.96203037	-0.99584369
Pt	3.07441379	-0.08181194	0.60425857
Pt	1.97584438	1.50983905	-0.99671823

9

#3.170:triplet:UNK = -1074.05726156

Pt	0.43979559	-1.07749357	0.93767745
Pt	0.23133102	-0.16962635	-1.43440081
Pt	-1.04676830	1.72193615	0.65627767
Pt	-2.16902078	0.64458515	-1.39341699
Pt	1.21299121	1.95377080	-0.47791189
Pt	-1.84051602	-0.36474011	1.83193876
Pt	2.36261601	-1.41901399	-0.74202944
Pt	2.56101749	0.40967892	1.01514245
Pt	-1.75144620	-1.69909700	-0.39327720

9

#3.202:triplet:UNK = -1074.05725104

Pt	1.66731506	0.91185966	-0.91634607
Pt	0.65233185	1.90154627	1.26240343
Pt	-0.68854779	2.07087346	-0.94876636
Pt	0.36807795	-1.25091120	-1.08042930
Pt	-1.72002080	-2.04691825	0.42223325
Pt	-1.90500500	-0.14754100	-1.31741929
Pt	0.59049986	-0.67904983	1.36788648
Pt	-1.68580029	0.50093787	1.23355539
Pt	2.72114916	-1.26079697	-0.02311753

9

#3.92:singlet:UNK = -1074.05721027

Pt	1.67467413	1.14608717	-0.12549061
Pt	-1.27971202	-1.82038617	1.24627271
Pt	-0.00522019	-0.35297361	-1.36391950
Pt	-1.87247257	1.25187423	-0.54775571
Pt	-2.39834111	-1.26820657	-0.91108809
Pt	1.12742448	-1.70311602	0.36022671
Pt	-0.41033028	0.56468102	1.35248050
Pt	3.29812910	-0.72944576	-0.36869219
Pt	-0.13415154	2.91148570	0.35796618

9

#3.139:nonet:UNK = -1074.05720393

Pt	-0.16435705	-1.61779761	-0.53061113
Pt	-1.46148616	-0.61804208	1.50947620
Pt	0.95129921	0.40999389	1.15984940
Pt	-2.68767616	-1.29768107	-0.70503770
Pt	2.88434340	0.38324678	-0.66939611

Pt	-1.99517142	1.11803104	-0.34194437
Pt	0.43628358	0.76243292	-1.32368109
Pt	-0.13478686	2.65418708	0.43822435
Pt	2.17155146	-1.79437096	0.46312045
9			
#3.238:triplet:UNK = -1074.05707717			
Pt	-0.01331792	0.06136631	-1.31043669
Pt	2.67516601	-0.80449654	0.49737848
Pt	-0.77468127	2.27323668	-0.16020897
Pt	-2.68567823	0.72615043	0.42115654
Pt	-0.86866798	-0.88998933	1.33503041
Pt	-2.05227798	-1.41280115	-0.89843208
Pt	0.66683894	-2.18869018	-0.22087451
Pt	0.88218248	0.93168991	1.24819751
Pt	2.17043595	1.30353386	-0.91181070
9			
#3.238:quintet:UNK = -1074.05703792			
Pt	1.25721511	-0.92573559	1.38990739
Pt	-3.31689761	-0.67454607	-0.32539114
Pt	-0.92208112	-1.10503579	-1.10431618
Pt	-1.58556189	1.20178792	0.06118712
Pt	1.64766177	-1.56315441	-1.05873871
Pt	-0.03756578	3.15467051	-0.05237442
Pt	3.33252530	0.07188919	0.03028795
Pt	0.95523580	0.89894980	-0.30484232
Pt	-1.33053159	-1.05882557	1.36428033
9			
#3.280:nonet:UNK = -1074.05688814			
Pt	2.53961110	1.52635899	0.00704521
Pt	-2.51862311	-0.69986769	1.28368823
Pt	-2.54113530	1.52570511	-0.00840630
Pt	0.00460249	-0.82097240	1.26197033
Pt	-0.00078550	1.42574460	-0.00056050
Pt	-0.00391280	-0.82190460	-1.26139827
Pt	-2.52800240	-0.71828830	-1.26838267
Pt	2.51946760	-0.70040521	-1.28311376
Pt	2.52877789	-0.71637050	1.26915774
9			
#3.163:singlet:UNK = -1074.05685316			
Pt	1.44498359	1.02180981	-0.94045360
Pt	2.11391612	0.11758782	1.40847949
Pt	0.39451094	-1.67935121	0.52067371
Pt	-2.86971168	-0.12557265	0.62575824
Pt	-0.31303743	2.77031548	-0.28498218
Pt	2.55096072	-1.27483297	-0.79087362
Pt	-1.80501907	-1.95042934	-0.68949707
Pt	-0.44561678	0.60093498	1.30673982
Pt	-1.07098641	0.51953807	-1.15584478
9			
#3.179:septet:UNK = -1074.05681303			
Pt	0.19295679	1.40507882	-0.48908278
Pt	-2.71974701	-1.14311327	-0.77609393

Pt	-2.34443421	1.41008938	-0.63883799
Pt	-0.00432302	-0.27760403	1.42573198
Pt	2.33940559	-1.06227879	-1.12190845
Pt	-2.49044242	0.00869119	1.48654948
Pt	2.47903168	-0.58898895	1.37092199
Pt	-0.18751151	-1.09930154	-0.97824344
Pt	2.73506409	1.34742719	-0.27903686

9

#3.202:singlet:UNK = -1074.05672247

Pt	-2.28409515	-0.96115159	-1.21602101
Pt	0.00150627	-1.71388341	-0.29216600
Pt	0.00005959	0.44857519	0.96328580
Pt	-0.00207850	3.02036289	0.60264001
Pt	-1.58721614	1.42977873	-0.63241130
Pt	2.03092746	-1.34734424	1.21285380
Pt	-2.02902614	-1.35106539	1.21190109
Pt	1.58315436	1.43223755	-0.63504249
Pt	2.28676825	-0.95750973	-1.21503989

9

#3.55:singlet:UNK = -1074.05652429

Pt	2.96899819	-0.81190089	-0.02852769
Pt	-1.49995282	0.72239031	1.18670659
Pt	0.73035449	-0.38202489	1.24347571
Pt	-1.43706361	-2.01170990	0.67051692
Pt	-2.58400511	-0.37604092	-0.89387450
Pt	0.72884810	-1.85810431	-0.76753898
Pt	-0.46890002	2.73383460	-0.02554073
Pt	1.77561798	1.49327761	-0.06962861
Pt	-0.21389721	0.49027839	-1.31558871

9

#3.212:singlet:UNK = -1074.05640156

Pt	0.29728810	-0.01706545	-1.79745380
Pt	0.97005797	-1.54240079	0.08722454
Pt	-1.45884489	2.28555764	0.13198789
Pt	-1.46132763	-2.28389346	0.15479429
Pt	1.25202868	0.02204538	2.09313650
Pt	-2.14462931	-0.00351386	-1.06467781
Pt	-1.19434862	0.00657953	1.26854619
Pt	2.76808589	-0.01031530	-0.93052349
Pt	0.97168980	1.54300631	0.05696567

9

#3.233:quintet:UNK = -1074.05639102

Pt	-0.85363780	-0.06194843	-1.19831551
Pt	2.43594116	1.49762316	-0.42891313
Pt	2.42644421	-0.36737353	1.24798248
Pt	0.00957975	1.94941180	0.17084968
Pt	-2.58994738	-0.74120887	0.61315810
Pt	-0.37752003	-2.55446741	-0.36395800
Pt	1.58747582	-0.93807216	-1.11248131
Pt	-0.11975338	-0.48376490	1.21220589
Pt	-2.51858235	1.69980033	-0.14052821

9

#3.263:singlet:UNK = -1074.05638644
Pt -1.89400370 -0.77631589 -1.18268440
Pt 1.15990431 -0.36425973 1.22747809
Pt -1.47080429 -0.22776905 1.30221781
Pt -2.79490641 1.58741897 -0.00877543
Pt -0.35538581 1.24442660 -0.58825896
Pt -0.28389138 -2.43924503 0.64257545
Pt 1.84657819 1.98647329 0.43677125
Pt 3.04008010 -0.04548788 -0.53754611
Pt 0.75242900 -0.96524127 -1.29177772

9

#3.87:singlet:UNK = -1074.05637739
Pt 0.18961536 -1.65548941 -0.73873148
Pt 2.10788160 -0.09265292 1.58317400
Pt -0.78137758 2.42790047 0.35078997
Pt 1.50609615 1.38688474 -0.42374442
Pt 2.63336833 -0.95591183 -0.73971469
Pt -2.58241741 0.39207740 -0.03879350
Pt -2.04265183 -2.05336678 0.45618363
Pt -0.42262190 -0.06652271 1.19701550
Pt -0.60789272 0.61708105 -1.64617901

9

#3.294:singlet:UNK = -1074.05636516
Pt 2.87583449 -0.18080669 0.43591206
Pt 2.02703871 2.00027051 -0.42587646
Pt -2.55489890 1.66664701 -0.24794684
Pt -0.18415191 1.26638841 0.59018150
Pt 0.91225882 -0.21946260 -1.25504557
Pt -0.04997349 -2.48676949 -0.67825808
Pt -1.96848092 -0.37655988 1.35808028
Pt -1.67889278 -0.57764810 -1.18719392
Pt 0.62126598 -1.09205918 1.41014703

9

#3.174:septet:UNK = -1074.05589157
Pt 3.43060080 0.04073463 -0.22835871
Pt -0.91821330 0.16329636 -1.66388421
Pt 1.24877398 1.35768810 -0.58469774
Pt -1.17863598 -1.88479371 -0.09407827
Pt -1.07124130 -0.19208628 1.78290069
Pt 1.26357991 -1.27597050 -0.72952269
Pt 1.47739230 -0.10479435 1.51362169
Pt -3.05886950 0.04439566 -0.25472701
Pt -1.19338692 1.85153009 0.25874625

9

#3.192:septet:UNK = -1074.05583177
Pt -0.14175690 -0.61056378 1.38286728
Pt -0.13012759 -0.90888746 -1.21096062
Pt -2.25201101 0.91848586 1.21221302
Pt 2.39583049 1.47084489 -0.16946358
Pt 2.37482040 -0.59324335 1.36685789
Pt 2.38399511 -0.88851014 -1.19022441
Pt -2.26405969 -1.51492377 0.16620306

Pt	-0.11325611	1.50898367	-0.17175787
Pt	-2.25343470	0.61781408	-1.38573478
9			
#3.216:septet:UNK	=	-1074.05575500	
Pt	-1.21995479	2.30005360	0.37688038
Pt	0.77801312	-1.49540630	-0.73730129
Pt	-2.70048268	-0.09755000	-0.53306863
Pt	-0.48675517	0.58009180	-1.50699521
Pt	2.98062992	-0.17345860	-0.72791896
Pt	1.70683489	-0.46072060	1.50335972
Pt	1.24903201	1.59661890	-0.02150799
Pt	-1.47768669	-2.20835610	0.22082799
Pt	-0.82963061	-0.04127270	1.42572399
9			
#3.247:triplet:UNK	=	-1074.05560610	
Pt	1.07183062	-1.12420134	1.02443117
Pt	-2.45535369	1.06295209	-0.67950101
Pt	1.88672305	1.32290433	0.74953126
Pt	3.01535559	-0.53339170	-0.58395612
Pt	0.03396832	1.61115442	-0.96152782
Pt	0.58806826	-0.79996662	-1.45284484
Pt	-0.89649644	1.15028532	1.38335304
Pt	-1.83874724	-1.37103455	-1.01281764
Pt	-1.40534847	-1.31870196	1.53333195
9			
#3.177:triplet:UNK	=	-1074.05558191	
Pt	-0.61542031	-0.06582432	1.28279340
Pt	1.71479288	1.28924543	-0.48942598
Pt	-2.13680620	-1.95835191	0.27885287
Pt	1.93676049	-0.16384301	1.60339439
Pt	-0.50805032	2.37597030	0.36535415
Pt	-2.73792831	0.46911780	-0.15676059
Pt	0.20775110	-1.56171138	-0.66976733
Pt	-0.57189912	0.68847014	-1.52851509
Pt	2.71079979	-1.07307306	-0.68592582
9			
#3.173:triplet:UNK	=	-1074.05549962	
Pt	-0.00307328	-1.28080302	-0.76236429
Pt	-0.00103128	-0.01280061	1.45805438
Pt	2.51456892	1.29561844	-0.70752053
Pt	-0.00298998	1.29177057	-0.74016612
Pt	-2.50930358	-1.30196544	-0.73042530
Pt	2.50930532	-0.02271053	1.47667367
Pt	-2.50944058	1.30457085	-0.72647381
Pt	-2.51252048	-0.00166003	1.47730719
Pt	2.51448492	-1.27202023	-0.74508519
9			
#3.242:singlet:UNK	=	-1074.05548491	
Pt	-1.75305814	-2.05684015	-0.29302593
Pt	0.22513707	2.56183641	-0.96370146
Pt	0.79406317	-1.73390032	0.17753937
Pt	0.55268446	1.86556226	1.47552053

Pt	-3.12889559	0.12136198	-0.06027269
Pt	1.81736353	0.62194686	-0.34815659
Pt	-0.93140939	-0.21045190	1.34530170
Pt	3.22997587	-1.41874508	-0.15620363
Pt	-0.80586099	0.24922994	-1.17700129
9			
#3.113:triplet:UNK = -1074.05541842			
Pt	-1.30982897	-0.09632031	-1.37071142
Pt	0.08838739	-0.60794447	1.35757230
Pt	1.36956422	-0.64737512	-1.18122368
Pt	0.02793382	1.62889141	0.06639696
Pt	-0.40727389	-2.36473750	-0.55671108
Pt	-2.43606070	-0.67550156	0.86840797
Pt	2.53370312	1.51877609	-0.38003491
Pt	2.64114590	-0.49879338	1.07832503
Pt	-2.50757088	1.74300483	0.11797883
9			
#3.174:triplet:UNK = -1074.05531864			
Pt	-1.23417686	-0.32930151	1.76470057
Pt	1.27131365	-0.59359678	1.44263196
Pt	1.45305917	1.55211297	0.11650511
Pt	-2.56515251	0.20865284	-0.84926398
Pt	0.79549884	-1.32261568	-0.95606464
Pt	-1.53205463	-1.99365645	-0.14751213
Pt	-1.07919534	1.92283686	0.63600430
Pt	-0.23301384	0.90398191	-1.63443679
Pt	3.12372152	-0.34841414	-0.37256439
9			
#3.92:quintet:UNK = -1074.05529382			
Pt	2.32379704	1.32300634	0.57961110
Pt	-2.60741033	0.84655585	-0.37905632
Pt	0.09875808	0.37568634	1.44115280
Pt	2.72814057	-1.04670706	-0.43107435
Pt	0.48752241	-1.90192546	0.42942416
Pt	-0.52183271	2.26181577	-0.13748094
Pt	-2.00430474	-1.13834378	1.15727322
Pt	-1.28843972	-1.13004910	-1.36163527
Pt	0.78376940	0.40996111	-1.29821439
9			
#3.154:triplet:UNK = -1074.05506688			
Pt	1.31351830	-1.16313688	-0.88510793
Pt	-2.60228119	-0.28335640	0.50419862
Pt	2.74664618	0.94796494	-0.83172527
Pt	0.43677659	1.52427543	0.27260115
Pt	-2.02469312	2.13857250	-0.07482142
Pt	-0.93040498	-2.38541679	-0.44914078
Pt	-0.27089597	-0.68294086	1.45466609
Pt	-0.92540052	0.10589100	-1.39645131
Pt	2.25673472	-0.20185294	1.40578085
9			
#3.268:quintet:UNK = -1074.05496143			
Pt	-0.58344226	-2.48913068	-0.35831826

Pt	-2.14484472	-0.32101436	-0.60066730
Pt	-2.42577577	2.17510785	-0.42433174
Pt	2.25664382	1.51577008	0.90464425
Pt	0.28349298	-0.23038432	-1.47624671
Pt	-0.26864658	1.33378393	0.51393636
Pt	1.25339637	-0.89171180	0.81725100
Pt	-1.18417703	-1.08307953	1.69873282
Pt	2.81335318	-0.00934117	-1.07500042

9

#3.216:singlet:UNK = -1074.05492156

Pt	-1.41803130	0.05971739	1.74907899
Pt	-1.97659627	-1.94578613	0.19093460
Pt	-0.02591059	-0.72156231	-0.97669150
Pt	1.05491740	-0.08625507	1.31959969
Pt	3.17735269	0.61714325	-0.06444951
Pt	-1.54163863	2.03112228	0.04522577
Pt	2.24207343	-1.68923777	-0.39840279
Pt	-2.40393900	0.08446895	-1.29606061
Pt	0.89177227	1.65038941	-0.56923462

9

#3.243:nonet:UNK = -1074.05458043

Pt	0.62338757	0.27314870	-1.39263272
Pt	0.18304068	-0.07823455	1.52336829
Pt	2.65938666	0.29379821	0.70507100
Pt	-1.69651740	-0.24112676	-0.30771344
Pt	1.40044008	-1.85718105	0.05349650
Pt	0.78427699	2.15329626	0.32611251
Pt	-1.26338508	2.07642075	-1.32456170
Pt	-2.20887670	-0.53661580	2.09080278
Pt	-0.48175280	-2.08350576	-1.67394323

9

#3.211:triplet:UNK = -1074.05445910

Pt	0.20464102	-1.90293828	-0.28031364
Pt	-0.14267670	2.49513101	0.05029393
Pt	2.13082830	0.79808134	-1.10915912
Pt	-2.32782429	-1.42668629	-0.76091122
Pt	-0.99764677	-0.71844732	1.59698279
Pt	2.61245012	-1.27530208	0.33459125
Pt	1.18323932	0.68269960	1.24980539
Pt	-0.39212540	0.31446723	-1.36179280
Pt	-2.27088559	1.03299480	0.28050342

9

#3.194:septet:UNK = -1074.05438283

Pt	-1.04294607	1.83544600	0.90630466
Pt	1.53222599	-0.76204526	1.37532385
Pt	-1.28875917	-2.04939536	-0.42683682
Pt	-1.01536790	-0.56476552	1.63189061
Pt	-0.85737573	1.09628745	-1.57572656
Pt	3.27860876	-0.16683955	-0.53142447
Pt	-2.81700313	-0.02420374	-0.39195325
Pt	0.84321994	-0.79557409	-1.11111363
Pt	1.36739731	1.43109007	0.12353561

9

#3.208:quintet:UNK = -1074.05430290
Pt -0.31485580 -2.21260540 0.42716860
Pt 0.26074382 1.70250970 -0.42786000
Pt 0.21573950 -0.60139260 -1.50423510
Pt 0.89689902 0.00007359 1.37347779
Pt -2.25278810 -0.72619689 -0.93306068
Pt -1.70739838 -0.12784179 1.52359171
Pt -2.28391458 1.71476311 -0.19335628
Pt 2.75508672 1.36148288 0.13042278
Pt 2.43048780 -1.11079261 -0.39614882

9

#3.290:septet:UNK = -1074.05425577
Pt -1.65577260 -0.62414407 -1.31948298
Pt 3.30982891 -0.27242199 -0.06573230
Pt 1.89895151 1.87171011 -0.00972696
Pt -1.56107568 -0.49459171 1.39103342
Pt -3.15886099 1.04689581 -0.01062914
Pt -0.66788819 1.52695101 -0.07499785
Pt -0.25119709 -2.35743919 0.04322669
Pt 1.00290150 -0.39125337 -1.24437439
Pt 1.08311262 -0.30570661 1.29068351

9

#3.273:singlet:UNK = -1074.05382025
Pt 1.29253530 0.86920015 -0.95783329
Pt -2.09129391 -1.60325268 -1.00665022
Pt -2.23505467 -0.52402478 1.26427978
Pt -0.00039123 1.00037620 1.33693140
Pt 0.01716907 -1.49638040 0.41634200
Pt -1.32228930 0.83543345 -0.95295131
Pt -0.04048198 2.95994730 -0.33799181
Pt 2.25901923 -0.49058552 1.25660152
Pt 2.12078749 -1.55071373 -1.01872808

9

#3.284:septet:UNK = -1074.05352635
Pt -0.74739590 2.46410929 0.58794757
Pt -1.10456618 0.92587176 -1.45902448
Pt -0.86725890 0.02942617 1.30285779
Pt 1.64102730 -0.67681543 1.43874519
Pt -2.90895209 -0.42524119 -0.25771494
Pt 0.64959992 -0.96317076 -0.97439962
Pt 3.14924912 -0.47876166 -0.67872368
Pt 1.45691571 1.38922522 -0.12157774
Pt -1.26861898 -2.26464340 0.16188991

9

#3.165:singlet:UNK = -1074.05352542
Pt -0.30350100 0.00648901 -1.18744849
Pt -2.87039499 -0.01578440 -0.69425337
Pt 3.21401491 0.00075721 -0.29361511
Pt -1.25597469 2.13588410 0.02974883
Pt -1.38267848 0.01001109 1.46863232
Pt -1.24977578 -2.12883000 0.04867000

Pt	1.30594501	-1.73898089	-0.41925131
Pt	1.23608142	-0.00963571	1.44565940
Pt	1.30628361	1.74008961	-0.39814229
9			
#3.214:septet:UNK = -1074.05349478			
Pt	-1.46119031	-1.88400230	-0.05364281
Pt	1.57117501	1.49028716	-0.30860587
Pt	3.27869000	-0.48558076	-0.61569958
Pt	-0.93980669	1.86572019	-0.03239679
Pt	-0.64960710	-0.07894823	1.57581660
Pt	-1.46691250	0.06414992	-1.75361880
Pt	1.91534360	-0.28978565	1.56433081
Pt	-3.02522520	0.16327443	0.48852609
Pt	0.77753320	-0.84511476	-0.86470966
9			
#3.208:triplet:UNK = -1074.05330766			
Pt	3.31157439	0.05424001	-0.24768763
Pt	-0.95574994	-1.01373250	-1.24070679
Pt	-1.19421833	-1.05816135	1.29837971
Pt	0.90171761	0.88289217	-0.25211873
Pt	-3.26696753	-0.77023272	-0.23915278
Pt	-0.01815683	3.13484450	-0.00439476
Pt	1.51301814	-1.60033485	-0.89971979
Pt	-1.65779798	1.24080294	0.05764828
Pt	1.36658048	-0.87031821	1.52775250
9			
#3.88:triplet:UNK = -1074.05322136			
Pt	0.29219571	-1.14136647	-1.37284072
Pt	0.21203139	1.17187876	1.28732754
Pt	0.44150699	1.37619073	-1.24914375
Pt	-2.04004881	1.39784658	-0.54498965
Pt	0.26994541	-1.36575304	1.16747547
Pt	-2.21923629	-1.09870391	-0.93467352
Pt	2.52363701	-1.30422298	-0.07743812
Pt	-2.03966030	-0.23548627	1.53059080
Pt	2.55962889	1.19961661	0.19369195
9			
#3.234:singlet:UNK = -1074.05310344			
Pt	-0.00373520	-1.22619033	-0.84009475
Pt	-0.00718888	1.35145598	-0.64994854
Pt	-2.50228432	-0.06292803	1.47417589
Pt	2.50719650	-1.20763885	-0.85468242
Pt	0.00122068	-0.10233355	1.46496761
Pt	2.50304312	1.35176186	-0.60101381
Pt	2.50935858	-0.15330687	1.46473324
Pt	-2.50384188	1.32479430	-0.67844886
Pt	-2.50376860	-1.27561450	-0.77968837
9			
#3.249:septet:UNK = -1074.05284947			
Pt	-0.71093082	0.16026710	1.29810339
Pt	-1.21038827	0.15823200	-1.43238872
Pt	-1.52544052	-2.07641869	-0.12750823

Pt	-3.09451371	-0.08449237	0.36508285
Pt	3.32311270	-0.40107835	-0.52252004
Pt	1.90553888	0.09141636	1.56928403
Pt	-0.94566927	2.33115960	-0.10700842
Pt	0.96057849	-1.40028512	-0.36425258
Pt	1.29771253	1.22119947	-0.67879228

9

#3.215:triplet:UNK = -1074.05243769

Pt	-0.10914609	-0.76116164	1.45759010
Pt	-2.86144591	0.62834087	-0.16396716
Pt	0.08402341	-1.34824478	-0.99216061
Pt	-2.15664718	-1.75417333	0.21349758
Pt	2.35784120	-0.16776651	1.42017432
Pt	1.56257438	1.49993962	-0.32707344
Pt	-0.77150282	1.66011807	0.97845166
Pt	-0.65963151	1.00911273	-1.48025695
Pt	2.55393451	-0.76616505	-1.10625550

9

#3.6:septet:UNK = -1074.05205558

Pt	2.32654694	-1.30770449	1.23846777
Pt	-1.50470250	0.81178706	-0.02835008
Pt	-2.25952196	-1.32992203	-1.27255263
Pt	-0.00795804	2.56232821	-1.23297645
Pt	1.49929670	0.82019182	-0.03223198
Pt	0.00406964	-1.31992331	0.04958247
Pt	-0.00548444	2.40699476	1.31147075
Pt	2.26650574	-1.32206454	-1.27175783
Pt	-2.31875206	-1.32168748	1.23834797

9

#3.76:triplet:UNK = -1074.05192082

Pt	-1.62957308	-1.26972632	-1.23585299
Pt	-1.90771569	-0.83425212	1.35886660
Pt	0.26431400	0.57564749	1.57135411
Pt	2.82446732	-1.06830820	-0.32399857
Pt	-2.64542179	0.92275528	-0.41042760
Pt	-0.33893320	2.01774879	-0.37130570
Pt	2.24974760	1.44773760	0.22725582
Pt	0.51015382	-1.70886571	0.58717322
Pt	0.67296102	-0.08273681	-1.40306489

9

#3.116:quintet:UNK = -1074.05180190

Pt	-2.28059149	0.79417166	1.27910036
Pt	2.38037049	-0.76993173	-1.27462547
Pt	2.44739220	1.47629352	-0.00226051
Pt	-0.14290431	-0.74769044	-1.28682255
Pt	-2.29181820	-1.55072580	0.00141923
Pt	-0.07077720	1.51774741	-0.00094750
Pt	-2.27976261	0.79123315	-1.28155543
Pt	2.38091191	-0.76654933	1.27620633
Pt	-0.14282079	-0.74454844	1.28948555

9

#3.198:septet:UNK = -1074.05174645

Pt	0.00089829	0.38691689	-1.39026249
Pt	0.09083449	2.56441520	-0.04580281
Pt	2.82826388	-1.51124401	-0.40992809
Pt	0.40141679	-1.64861120	0.07037242
Pt	0.66882529	0.29587811	1.74100371
Pt	2.18970439	0.92936639	-0.20895180
Pt	-1.65440051	0.84190641	0.91662531
Pt	-2.04750551	-1.72608599	0.64633543
Pt	-2.47803712	-0.13254180	-1.31939168

9

#3.126:triplet:UNK =	-1074.05166095		
Pt	-1.31693886	2.06321182	0.03455130
Pt	1.29586730	-0.02995933	1.48183251
Pt	1.27631546	-1.71246654	-0.48553328
Pt	3.19817860	0.01122842	-0.29933040
Pt	-2.84709540	-0.07084796	-0.70960248
Pt	-1.26281109	0.05882752	1.59476871
Pt	-1.30152284	-2.02980898	0.13007803
Pt	1.25982463	1.69851376	-0.42395750
Pt	-0.30181780	0.01130129	-1.32280689

9

#3.278:septet:UNK =	-1074.05165851		
Pt	1.74072591	0.04998171	1.48023338
Pt	3.16597209	-0.23297928	-0.82845083
Pt	-0.81946097	-1.16791002	1.36998151
Pt	1.01438431	-1.56838460	-0.38003951
Pt	-2.65351419	-1.28500564	-0.41600447
Pt	-0.54754840	1.39453668	1.19487810
Pt	-2.56487562	1.29011446	-0.39558118
Pt	-0.63747801	0.01598538	-1.40580739
Pt	1.30179488	1.50366130	-0.61920961

9

#3.176:singlet:UNK =	-1074.05142265		
Pt	-2.41434969	-1.59711653	0.59223681
Pt	2.48462888	-1.48465549	-0.60063295
Pt	-1.78708899	0.56491273	-0.66857405
Pt	-0.53168205	-0.10168844	1.41559006
Pt	1.75967578	0.64122312	0.67115939
Pt	-0.52108563	2.09149785	-2.16690965
Pt	0.05016050	-2.14692170	-0.00238397
Pt	0.42564498	2.10402777	2.17280438
Pt	0.53409623	-0.07127931	-1.41329002

9

#3.115:singlet:UNK =	-1074.05113219		
Pt	1.39900927	-0.49215586	-1.18384801
Pt	-0.00389277	-2.50071891	-0.60553386
Pt	2.51159814	1.62856363	-0.23100275
Pt	2.54108040	-0.45939535	1.15144258
Pt	-2.51674176	1.62950646	-0.22526470
Pt	-2.54488320	-0.47081871	1.13990413
Pt	-1.38247642	-0.47673888	-1.19012748
Pt	-0.00105236	1.67582480	-0.11048353

Pt	-0.00264130	-0.53406718	1.25491361
9			
#3.264:singlet:UNK	=	-1074.05031191	
Pt	0.10586179	0.29431361	-1.30781721
Pt	0.03051431	0.26253009	1.21871379
Pt	3.31608770	-0.75098630	0.17662436
Pt	-2.24061949	-0.91736892	1.32715489
Pt	1.04982380	-1.73979740	-0.07514453
Pt	-2.34858490	0.83212200	-0.55081909
Pt	1.99795450	1.37479060	0.04250979
Pt	-1.41058730	-1.92520869	-0.84990732
Pt	-0.50045040	2.56960500	0.01868532
9			
#3.134:singlet:UNK	=	-1074.04996774	
Pt	2.53199381	-0.26781282	1.37631930
Pt	-1.38851356	0.99174584	-0.61006196
Pt	-0.00239453	-1.43106379	-0.86561513
Pt	-2.49448949	-0.28099138	1.39771941
Pt	0.01955560	-0.46190115	1.45691580
Pt	1.36101534	0.99823557	-0.60858476
Pt	2.50387088	-1.27084205	-0.92929593
Pt	-0.01945211	3.01339040	-0.31232060
Pt	-2.51158592	-1.29076062	-0.90507612
9			
#3.129:septet:UNK	=	-1074.04964137	
Pt	-0.68093878	-0.97606070	1.38319200
Pt	-1.61485462	1.12406409	-1.41336225
Pt	1.89071692	-0.99365492	-1.20958581
Pt	3.15342838	0.96930457	-0.10541975
Pt	-2.97127989	-0.68341004	0.07311938
Pt	-0.67755407	-1.25963249	-1.12498092
Pt	1.88695941	-0.70416719	1.39543758
Pt	-1.60883283	1.41325405	1.13058585
Pt	0.62235548	1.11030262	-0.12898609
9			
#3.288:quintet:UNK	=	-1074.04962787	
Pt	-1.37692509	2.31111697	-0.01884768
Pt	-1.69605280	0.03124481	-1.18172119
Pt	-1.35650541	0.02472377	1.40946701
Pt	-1.47308382	-2.25537895	-0.01170949
Pt	0.84799296	1.36974484	1.23009873
Pt	0.78804549	1.27267973	-1.28259487
Pt	2.74680441	-0.06109063	-0.07765576
Pt	0.72152313	-1.29544328	-1.29019057
Pt	0.79820113	-1.39759727	1.22315383
9			
#3.232:triplet:UNK	=	-1074.04961718	
Pt	3.44868230	-0.30467926	-0.00740607
Pt	-3.44604480	-0.37073864	0.01014731
Pt	-1.30854131	1.08903708	-0.03639111
Pt	1.32368311	-1.19002216	1.25119893
Pt	-1.28073469	-1.13614850	1.26182512

Pt	-1.29376698	-1.18369294	-1.23978047
Pt	0.00045596	3.20571230	0.00264406
Pt	1.24432259	1.04924652	0.02188340
Pt	1.31194382	-1.15871440	-1.26412117
9			
#3.228:singlet:UNK	=	-1074.04943799	
Pt	0.18605698	0.35587179	-1.26845390
Pt	0.19066461	0.37598200	1.27201380
Pt	2.87830182	-1.36792378	-0.00130492
Pt	-1.89902447	-1.15634233	1.29862792
Pt	-1.88769820	-1.20219004	-1.28510128
Pt	-2.19476741	1.09346746	-0.02167149
Pt	2.24347259	1.08765312	-0.00771013
Pt	0.43910222	-1.87701101	0.01673070
Pt	0.04389187	2.69049279	-0.00313071
9			
#3.280:singlet:UNK	=	-1074.04939844	
Pt	-2.25389576	-0.68110829	1.12981948
Pt	1.05629986	1.60529924	-0.71731200
Pt	2.91361453	-0.12882399	-0.63839330
Pt	0.63625647	-1.25254567	-0.81052001
Pt	-1.70511429	-2.13182826	-0.82547562
Pt	-1.49665569	0.44135765	-1.03595851
Pt	-1.12071838	2.63340866	0.10924069
Pt	1.91930276	-1.10092053	1.44636549
Pt	0.05091049	0.61516120	1.34223379
9			
#3.181:singlet:UNK	=	-1074.04817711	
Pt	1.20088317	-1.52406635	-0.74359124
Pt	-1.15100093	-1.78750385	-1.75299303
Pt	0.10798270	0.54226613	-1.73549232
Pt	-1.91837403	-0.72507028	2.37544672
Pt	1.33755001	1.60288039	0.20552524
Pt	-1.74584411	0.09654922	-0.06118551
Pt	-0.96182977	2.56480820	-0.42871091
Pt	2.85969388	-0.37724011	0.86741302
Pt	0.27093908	-0.39262335	1.27358802
9			
#3.239:singlet:UNK	=	-1074.04787345	
Pt	2.71425252	-0.03099872	1.24953745
Pt	2.71780208	-0.09655207	-1.26200565
Pt	-2.04949112	-1.34111328	-1.24276871
Pt	0.51937700	1.06224250	-0.00298350
Pt	-2.04087778	-1.30440793	1.26899589
Pt	-0.86507181	3.15530820	-0.02381674
Pt	0.47326342	-1.16717502	1.28816846
Pt	-1.93341010	0.91977950	-0.01847897
Pt	0.46415578	-1.19708318	-1.25664824
9			
#3.145:singlet:UNK	=	-1074.04660999	
Pt	1.01476224	-1.31204674	0.89780009
Pt	0.75506832	-0.00411470	-1.23484571

Pt	-0.56923206	-2.41207794	-1.02126572
Pt	3.05053321	-0.00392981	-0.00987569
Pt	-1.48997135	1.37016101	1.22218438
Pt	-1.72402288	-0.00023994	-0.94821272
Pt	1.01809987	1.31261066	0.89393080
Pt	-0.56189710	2.41094956	-1.02487241
Pt	-1.49334025	-1.36131209	1.22515697

9

#3.142:singlet:UNK = -1074.04572719

Pt	-0.12096651	-1.46814200	-0.60024477
Pt	-1.94145600	-0.01440076	-1.66567379
Pt	2.40226382	1.29357627	-0.68707934
Pt	-0.19650518	-0.00496945	1.49917599
Pt	-2.36491669	-1.26664387	0.69795021
Pt	2.36633509	-1.27761305	-0.76704942
Pt	-2.35842347	1.31969242	0.62332509
Pt	2.30528422	-0.01833167	1.52566727
Pt	-0.09161528	1.43683210	-0.62607125

9

#3.110:triplet:UNK = -1074.04493740

Pt	-0.15768420	-0.64704045	1.34239812
Pt	2.50195769	1.46630337	-0.13664279
Pt	2.35662220	-0.64505013	1.36777992
Pt	-0.15326579	-0.92727771	-1.21122989
Pt	-0.01264061	1.45379424	-0.18758109
Pt	-2.36534789	-1.48756627	0.13305310
Pt	2.37518341	-0.88477939	-1.20226830
Pt	-2.24385781	0.96262769	1.22133368
Pt	-2.30096700	0.70898864	-1.32684274

9

#3.173:singlet:UNK = -1074.04371918

Pt	-1.03784328	-2.32352400	0.54758368
Pt	0.55062831	1.75095031	-0.28397999
Pt	-2.10295759	0.04376930	1.19839990
Pt	-1.91865539	1.96775321	-0.58572739
Pt	2.68991951	0.88498241	0.83462821
Pt	0.38956221	-0.09646470	1.41638390
Pt	-2.00233768	-0.55107809	-1.21677881
Pt	2.95093762	-0.86979927	-0.88808320
Pt	0.48074632	-0.80658918	-1.02242631

9

#3.127:singlet:UNK = -1074.04305410

Pt	-2.12007356	-2.21683064	0.16597148
Pt	0.94117458	1.20849843	-1.14070569
Pt	2.23752822	-0.88607967	1.25168349
Pt	-1.88158910	-0.00750312	-1.33546620
Pt	2.57378602	-0.77977704	-1.22418231
Pt	0.14332492	-1.03616910	-0.22026891
Pt	-1.11324555	2.33715968	-0.09884548
Pt	-1.60068610	0.10051496	1.21819610
Pt	0.81978057	1.28018650	1.38361751

9

#3.166:singlet:UNK = -1074.04180990
Pt 0.00039018 -1.07294080 -0.00226830
Pt 1.01918494 1.92393530 -1.12200646
Pt -1.02065868 1.92164840 1.12500572
Pt 2.34128007 -1.63758284 1.01063201
Pt 1.25309890 0.74562327 1.14680713
Pt -2.13781032 -0.49831728 1.24399039
Pt -1.25416368 0.74726973 -1.14619189
Pt -2.34233782 -1.63540416 -1.01274922
Pt 2.14101640 -0.49423162 -1.24321938

9

#3.110:singlet:UNK = -1074.03965651
Pt 3.44535369 -0.34464873 -0.00502319
Pt -3.44499921 -0.34546867 -0.00154850
Pt -1.28353692 -1.11626338 1.27650310
Pt 1.28527348 -1.20439272 -1.22584739
Pt 1.27821620 1.06729359 -0.04472610
Pt 1.28552068 -1.11542730 1.27812381
Pt -0.00090528 3.19617010 -0.00229472
Pt -1.27848130 1.06682381 -0.04776301
Pt -1.28644132 -1.20408670 -1.22742400

9

#3.258:singlet:UNK = -1074.03857244
Pt -1.28882577 -2.21215375 -1.10577025
Pt -1.92639968 -1.39177432 1.20528004
Pt 0.36620367 1.76516940 0.34134698
Pt 2.85336041 -0.90365666 0.64495282
Pt -1.92344474 2.62123896 0.14003957
Pt -1.75609621 0.30690305 -0.74067349
Pt 0.71779381 -0.70072082 -1.11347828
Pt 2.49190838 1.10730651 -0.78619011
Pt 0.46550011 -0.59231238 1.41449272

9

#3.225:singlet:UNK = -1074.03777157
Pt 0.19765452 0.36772766 1.36561100
Pt 0.78333947 -1.98328323 0.45789386
Pt -1.69688261 -1.28358691 1.17443539
Pt 2.73146678 -0.75624314 -0.67390564
Pt -2.82840700 0.51503474 -0.41112517
Pt 0.59373350 0.63275810 -1.09667939
Pt -1.10015353 -1.20156417 -1.31718281
Pt -1.06661047 2.23664111 -0.01419975
Pt 2.38585933 1.47251584 0.51515251

9

#3.105:singlet:UNK = -1074.03744310
Pt -2.51252759 1.05315664 0.34282749
Pt 2.17978012 1.14840617 -0.94312991
Pt -1.00939311 -0.73033788 1.40896989
Pt 0.31922077 -2.20072290 -0.20467081
Pt 2.56877408 -1.08031834 0.34651039
Pt -0.29898267 2.29678240 -0.17040461
Pt -2.22255782 -1.25923367 -0.87211831

Pt	-0.07168780	0.03364440	-1.27692291
Pt	1.04737401	0.73862319	1.36893879
9			
#3.70:triplet:UNK	=	-1074.03687580	
Pt	1.29298581	-1.73322251	1.60434267
Pt	-2.04001271	0.74349619	-0.54389099
Pt	2.67226141	-0.70247437	-0.23946800
Pt	2.68922819	1.43589446	-1.51159927
Pt	0.00827189	0.49800037	1.59246181
Pt	-1.54260123	2.42340486	1.19699474
Pt	-2.74573208	-1.44955700	-1.44753083
Pt	-0.86182878	-1.56109721	0.19915727
Pt	0.52742750	0.34555522	-0.85046739
9			
#3.152:singlet:UNK	=	-1074.03642417	
Pt	-3.00461201	-0.37812328	0.02259500
Pt	1.78614028	-0.43875953	1.47578371
Pt	-1.47228370	1.19151633	-1.25100268
Pt	-1.33898712	-2.24170669	0.11198308
Pt	1.85762600	1.25132509	-0.37130757
Pt	0.29715859	-0.64857469	-1.04839950
Pt	2.82340768	-1.14532590	-0.77544490
Pt	-0.73845461	-0.01547491	1.29387091
Pt	-0.20999510	2.42512359	0.54192195
9			
#3.164:singlet:UNK	=	-1074.03461879	
Pt	1.50386390	-0.44102726	1.56969009
Pt	-0.89536492	0.97997249	-1.43061482
Pt	-1.61369400	-2.15635119	0.24802852
Pt	-2.92160961	-0.17198420	-0.44064940
Pt	0.47152679	-1.06032490	-0.70041350
Pt	-0.26032012	2.51863472	0.52962366
Pt	1.70407478	1.18431581	-0.40730993
Pt	3.00162169	-1.03935409	-0.68668961
Pt	-0.99009851	0.18611863	1.31833499
9			
#3.293:singlet:UNK	=	-1074.03258439	
Pt	-1.75668021	0.04025803	-1.23066148
Pt	-0.77350589	0.35587095	1.37204892
Pt	-2.17394249	-1.69981663	0.60245946
Pt	2.65996480	1.09452299	0.64749271
Pt	0.05400220	-1.85750098	-0.73426176
Pt	0.40564269	1.27861202	-0.65620976
Pt	-1.87740111	2.29234679	0.03799779
Pt	1.33135472	-1.03801344	1.31780606
Pt	2.13056529	-0.46627975	-1.35667193
9			
#3.63:nonet:UNK	=	-1074.02945778	
Pt	-2.29450419	-1.33777351	1.23808265
Pt	2.30311111	-1.32449902	1.23806108
Pt	-2.29686497	-1.33827258	-1.23636685
Pt	0.00433614	-1.49262110	-0.00230464

Pt	-0.00855965	2.59375981	-1.28075349
Pt	1.34781015	0.82111733	-0.00398030
Pt	-1.35470955	0.81490747	-0.00102622
Pt	-0.00537346	2.58805918	1.28505611
Pt	2.30475442	-1.32467759	-1.23676832

9

#3.237:singlet:UNK = -1074.02934358

Pt	3.44273570	-0.36162711	-0.00001679
Pt	-3.44287910	-0.36497741	-0.00564910
Pt	1.28070130	0.47012751	-1.24065818
Pt	1.27974820	0.46086997	1.24383082
Pt	-1.27969260	0.46663511	-1.24032578
Pt	-0.00059570	2.48044529	0.00042965
Pt	-1.28352030	0.46199447	1.24753692
Pt	-1.28313310	-1.80457711	0.00063918
Pt	1.28663560	-1.80889071	-0.00578672

II. Optima of Pt13, PBE

13

#5.139:triplet:UNK = -2.13026900

Pt	1.04452770	-0.26228494	1.31982188
Pt	-2.32272846	0.51061727	-2.44258586
Pt	-0.41656313	1.78145108	1.36868305
Pt	1.04018126	-0.26226633	-1.32010042
Pt	-0.99905624	-1.61626029	-1.84765054
Pt	-0.41940214	1.78237362	-1.36705282
Pt	1.35584085	2.98562283	-0.00095447
Pt	2.78346495	-1.73664703	-0.00241236
Pt	0.35466175	-2.77933200	-0.00269516
Pt	2.83084462	0.90535842	-0.00310887
Pt	-1.94235016	-0.19811699	0.00206402
Pt	-0.99331327	-1.61820233	1.84740302
Pt	-2.31610774	0.50768668	2.44858853

13

#5.36:triplet:UNK = -2.12659214

Pt	-0.17850568	2.20644918	-1.04825548
Pt	-2.68780683	2.03691077	-0.82205119
Pt	2.32561878	2.44257405	-0.82026964
Pt	2.68825441	-2.03082220	-0.83038113
Pt	0.17878451	-2.19953142	-1.05571398
Pt	-1.39658058	-0.10947075	-1.25038867
Pt	1.26332387	1.40585878	1.23895380
Pt	-1.26324654	-1.41541614	1.23527734
Pt	-0.00054856	-0.00716696	2.96101328
Pt	-1.47340165	1.18581173	1.23841380
Pt	1.47322153	-1.19447007	1.23548552
Pt	1.39638950	0.11657378	-1.25063195
Pt	-2.32550275	-2.43730075	-0.83145169

13

#5.466:quintet:UNK =	-2.12129071	
Pt	-2.10192545	-0.00489296 0.73461234
Pt	0.25174019	-3.40215591 -0.16035186
Pt	2.03981980	1.70618575 -0.38659962
Pt	0.20441885	1.30809929 1.40406779
Pt	0.40943304	0.00437031 -1.23228869
Pt	-3.15546160	-0.03426932 -1.61115237
Pt	-1.41081456	1.74219553 -1.14919491
Pt	3.84193777	0.03681620 -0.37494988
Pt	-1.37751095	-1.76934255 -1.12990725
Pt	0.24381637	-1.29296253 1.38729072
Pt	2.07520358	-1.67020086 -0.40180686
Pt	-1.20233303	-0.02572545 3.08201110
Pt	0.18167601	3.40188249 -0.16173050

13

#5.108:triplet:UNK =	-2.12097245	
Pt	-2.52180623	-0.26694022 -1.39813281
Pt	-0.74949214	1.62843248 0.88686013
Pt	0.76696814	3.19526412 -0.50806284
Pt	-2.51629203	-0.11703639 1.14450244
Pt	-1.14161978	1.88372823 -1.60089695
Pt	0.24893837	-0.19373126 -1.39791727
Pt	1.37934344	-2.29926433 -0.65597374
Pt	-1.08091036	-2.51245072 -1.41689407
Pt	3.32721670	-0.96744907 0.22648095
Pt	-0.54915659	-1.67029819 0.96606038
Pt	2.25013026	1.16522814 -0.70426139
Pt	-0.70923155	0.03185124 3.04902396
Pt	1.29591177	0.12266598 1.40921119

13

#5.106:quintet:UNK =	-2.12037359	
Pt	-1.44026776	2.76270231 -0.00652837
Pt	-0.00027083	1.10756367 1.28989269
Pt	1.74089220	-0.69071810 1.43798001
Pt	-0.00252562	-2.20973347 -2.52043238
Pt	1.74079773	-0.69899195 -1.43871692
Pt	-1.74371227	-0.68779678 1.43804344
Pt	3.16051656	0.83076690 -0.00433983
Pt	-1.74106775	-0.69386683 -1.43819990
Pt	-3.15862425	0.83783592 -0.00450907
Pt	0.00269987	1.10201665 -1.29113967
Pt	-0.00236485	-2.19263819 2.53281847
Pt	-0.00277443	-2.22655470 0.00635809
Pt	1.44670141	2.75941455 -0.00122657

13

#5.580:singlet:UNK =	-2.11991500	
Pt	0.87814841	2.46182251 -0.97377092
Pt	-1.62493008	2.51431330 -1.36640639
Pt	-1.64875616	-2.49497358 -1.37179115
Pt	-1.89006958	1.36859164 0.89110740
Pt	0.57824746	1.29934225 1.27158562
Pt	2.90727837	1.31179363 0.15690413

Pt	0.85437305	-2.46831053	-0.97752151
Pt	-1.01653579	0.00179706	2.92621354
Pt	-1.90667377	-1.35092964	0.88756541
Pt	2.89247755	-1.34175906	0.16060922
Pt	-1.54500840	0.00942194	-1.57634426
Pt	0.95970154	-0.00312212	-1.29736582
Pt	0.56174741	-1.30798739	1.26921472

13

#5.82:triplet:UNK =	-2.11986888		
Pt	-0.99982228	1.46839084	-1.65481390
Pt	0.57084746	3.22491706	-0.66292904
Pt	-0.83831288	0.10001787	3.02410153
Pt	1.26321626	0.26343976	1.48864163
Pt	-2.78423305	-0.32024622	-1.50721657
Pt	-0.47633933	-1.60454018	1.00003736
Pt	-2.53003980	-0.16161097	1.04211737
Pt	3.09902638	-0.92722559	0.12757054
Pt	0.77533363	-0.28567628	-1.29621237
Pt	1.31084776	-2.80174433	-0.42531115
Pt	-0.94749957	-2.08061505	-1.46991230
Pt	2.36907239	1.46091461	-0.52159990
Pt	-0.81209698	1.66397849	0.85552679

13

#5.250:triplet:UNK =	-2.11944941		
Pt	-1.75392067	-0.47766100	-1.69666143
Pt	-0.67114135	1.76486327	0.43405947
Pt	-2.28801291	0.23457803	1.67468692
Pt	1.34181993	-1.89441682	-0.88764881
Pt	-3.04769916	1.35799041	-0.50878767
Pt	2.63321334	1.35487759	-0.28047051
Pt	3.18468983	-0.97020782	0.59342244
Pt	-0.45016388	-0.95125181	3.01955724
Pt	1.14686824	0.30905651	1.53439544
Pt	0.87902738	3.01829283	-1.10144316
Pt	0.61023629	0.45224271	-1.47818178
Pt	-0.75995871	-1.36963949	0.48061870
Pt	-0.82495833	-2.82872442	-1.78354685

13

#5.20:quintet:UNK =	-2.11896227		
Pt	-0.66569947	-0.87915260	-1.42338074
Pt	3.42644196	0.70787407	-0.35038506
Pt	0.12247979	-1.97811954	1.01973158
Pt	1.91431837	-1.20889819	-1.03808624
Pt	-3.13422776	-0.39428608	-1.13491803
Pt	-1.56500588	1.59821597	-1.23609105
Pt	0.35619251	-3.19320071	-1.19640121
Pt	-0.06105645	3.44924378	-0.35997525
Pt	-0.28037113	-0.37543866	3.01709669
Pt	1.06634824	1.29084108	-1.05350470
Pt	-0.72044264	1.44894779	1.17472843
Pt	-2.10352459	-0.66373366	1.17428298
Pt	1.64454706	0.19770675	1.40690261

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#5.913:triplet:UNK = -2.11870859
Pt 1.08889180 -0.26667643 1.30143308
Pt -2.08450859 0.13323244 2.70710274
Pt -1.13191412 -1.05163486 -1.97625419
Pt 3.37339693 -1.15937573 0.42400253
Pt 0.96472987 3.17460199 -0.01846653
Pt 2.48317380 1.14487159 -0.27332622
Pt -0.93059056 -1.81279583 1.49685319
Pt -2.04019041 -0.03386967 0.13013305
Pt -0.27212809 -3.06802678 -0.64643592
Pt 0.05359949 1.25404817 -1.37225796
Pt -0.50171587 1.68569818 1.45698303
Pt -2.36248061 1.18991218 -2.13147903
Pt 1.35973636 -1.18998525 -1.09828776
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#5.79:triplet:UNK = -2.11844035
Pt 0.57985617 3.16494789 -0.51753151
Pt -0.61749901 -0.08046368 3.05787224
Pt -0.44762866 -1.64275719 0.87049617
Pt -2.89897706 -0.28014790 -1.27282318
Pt 1.48296760 -2.35217789 -0.67638992
Pt 0.49300750 -0.18174148 -1.48491152
Pt -2.50799901 -0.27282202 1.24618364
Pt -1.10551048 -2.13937693 -1.53861459
Pt 3.38856934 -0.86559406 0.19199069
Pt -0.79595515 1.53633419 0.95006847
Pt 2.31115265 1.31905115 -0.67546121
Pt 1.35084948 0.16106830 1.36566047
Pt -1.23283338 1.63367962 -1.51653973
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#5.30:triplet:UNK = -2.11838693
Pt -1.74584135 -2.67726639 -1.20297803
Pt 1.37926613 -1.06330179 1.36276123
Pt 2.62558826 1.66835804 -0.52198691
Pt -0.37049810 -0.19983530 3.04292019
Pt -2.25178949 2.30793466 -0.89903984
Pt -1.19530343 -1.59281200 1.02926878
Pt 0.75633950 1.41391182 1.23746442
Pt -1.74777117 1.01111757 1.22710771
Pt 2.92281216 -1.00523549 -0.63420820
Pt 0.75859788 -2.35213004 -0.98845700
Pt 0.26340540 2.56051801 -1.02403417
Pt -1.94173219 -0.16711116 -1.30340055
Pt 0.54692640 0.09585206 -1.32541763
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#5.611:quintet:UNK = -2.11818629
Pt -2.11106222 -0.34484109 1.81929512
Pt -0.47707029 1.48038598 1.27463089
Pt -2.95335169 1.25492486 -0.01062941
Pt 2.68752128 1.20036358 -0.00934234
Pt 1.28065262 -0.43048109 -1.35322682
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Pt	-0.47904790	1.46290671	-1.28623688
Pt	3.33236560	-1.26314151	0.00644745
Pt	1.28181038	-0.41217402	1.35791365
Pt	-0.27786478	-2.03157999	2.47230759
Pt	-0.90097767	-1.57749305	0.01004761
Pt	1.00381639	3.09734323	-0.01805456
Pt	-2.10964067	-0.37000091	-1.81710534
Pt	-0.27715103	-2.06621271	-2.44604695

13

#5.404:triplet:UNK =	-2.11809061		
Pt	1.00587093	1.38924645	-0.66102827
Pt	0.06128335	1.41451752	1.68190680
Pt	-2.00929121	-2.50724065	0.72851668
Pt	-1.99275468	2.51651530	0.73746875
Pt	0.99780961	-1.39049842	-0.66545711
Pt	2.89541206	-0.00789765	0.27026887
Pt	0.05176428	-1.42179523	1.67735784
Pt	-1.06538200	-2.50685253	-1.57996398
Pt	-1.21804119	0.00560830	-1.65755051
Pt	1.93354288	-0.01140855	2.61372883
Pt	-1.05242918	2.51694693	-1.57266412
Pt	-2.12105877	0.00502586	0.68378891
Pt	2.51327394	-0.00216733	-2.25637270

13

#5.22:triplet:UNK =	-2.11805802		
Pt	1.30374283	1.20299228	1.27392019
Pt	2.64983166	-1.48014177	-0.79094179
Pt	-0.20557180	-0.00869916	3.04406617
Pt	0.43086806	-0.01668043	-1.31383681
Pt	2.78688238	1.21096389	-0.78127189
Pt	-2.23494989	-2.39835604	-0.95565612
Pt	1.20366447	-1.32071995	1.27903054
Pt	-2.06172985	0.11009496	-1.17182902
Pt	-1.97456919	2.62136950	-0.92116459
Pt	-1.43003261	-1.27655193	1.17455328
Pt	-1.31224657	1.38740418	1.19534474
Pt	0.54903675	2.44653946	-1.01668315
Pt	0.29507374	-2.47821499	-1.01553156

13

#5.278:quintet:UNK =	-2.11804793		
Pt	2.06307604	-0.39785344	1.42090341
Pt	-0.18909337	-1.58076551	0.92930549
Pt	-0.30173821	-2.89352121	-1.22691554
Pt	-2.28509617	-1.40205318	-0.76170291
Pt	0.18622120	1.57961681	0.92961647
Pt	-2.06465532	0.39446841	1.42253420
Pt	1.05706298	-0.74460096	-1.29594763
Pt	2.28508352	1.40322234	-0.75684382
Pt	3.59181438	-0.77106170	-0.54143728
Pt	-3.58981856	0.77268934	-0.54196520
Pt	0.00001591	-0.00060264	2.94289631
Pt	0.30275861	2.89473630	-1.22550965

Pt	-1.05563102	0.74572543	-1.29493385
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#5.47:triplet:UNK =	-2.11782132		
Pt	-2.47668086	-1.50427946	-0.58160052
Pt	-0.05539085	-0.08276107	3.06667471
Pt	1.91332001	-0.16344594	1.39299895
Pt	3.27290524	0.41071198	-0.68380820
Pt	-0.88168918	3.12508775	-0.79647659
Pt	-0.33747891	-2.97886659	-1.20597876
Pt	-1.90473739	0.32549372	1.28765656
Pt	1.81204447	-1.66118933	-0.89061732
Pt	1.23627624	1.79156332	-1.26111329
Pt	-0.21667179	-0.26842751	-1.34669674
Pt	-0.25508881	-1.73100722	1.05796985
Pt	-2.32755475	1.05965462	-1.10082847
Pt	0.22074657	1.67746571	1.06181983

13

#5.283:quintet:UNK =	-2.11774757		
Pt	2.34966352	-1.24128431	-0.88148389
Pt	-0.87563666	-0.38405454	-1.48544542
Pt	0.18028828	-1.75390147	0.61508065
Pt	-0.10654232	3.10756170	-0.43060632
Pt	-3.40282281	-0.54300450	-0.80182503
Pt	1.21834681	1.04513887	-1.02740940
Pt	-0.79534907	1.13539926	1.12241705
Pt	-0.09826713	-0.62762522	2.94279065
Pt	-2.18425380	1.70335831	-0.89067486
Pt	-2.14526369	-0.98787278	1.34154222
Pt	1.79530176	0.28565685	1.43954156
Pt	0.39009587	-2.56598428	-1.76894067
Pt	3.67443925	0.82661210	-0.17498653

13

#5.32:triplet:UNK =	-2.11718264		
Pt	-3.97263050	-0.00000475	-0.35629951
Pt	0.09089484	-1.35635388	0.98745074
Pt	-1.90571706	1.35599942	-0.94732323
Pt	-2.22027968	-0.00078206	1.48030205
Pt	0.34414510	-2.52848046	-1.30414122
Pt	0.37233563	0.00206128	-1.60386365
Pt	-1.90545430	-1.35458534	-0.94980626
Pt	4.35111178	-0.00022180	0.33600827
Pt	-0.28833235	-0.00364257	3.09235943
Pt	0.34332731	2.53192949	-1.29811169
Pt	0.09166222	1.35387981	0.99039655
Pt	2.34945331	-1.33132791	-0.21405134
Pt	2.34948370	1.33152879	-0.21292014

13

#5.24:triplet:UNK =	-2.11698672		
Pt	1.34536385	-2.64901824	-0.96907284
Pt	0.11493326	-1.88230337	1.11057979
Pt	-3.01989108	-0.29790080	-1.30608663
Pt	-1.33579825	1.57730879	-1.37027526

Pt	3.07482067	-0.66444995	-0.42850642
Pt	-1.09309028	-1.95075140	-1.36621251
Pt	-0.51310841	-0.25323863	3.06553074
Pt	-0.77135181	1.49798443	1.11408710
Pt	0.21531622	3.35133374	-0.39300581
Pt	0.54450103	-0.08974892	-1.32567506
Pt	1.47572830	0.23040954	1.40269937
Pt	2.12221665	1.71707634	-0.60705952
Pt	-2.15964017	-0.58670152	1.07299706

13

#5.319:triplet:UNK =	-2.11694973		
Pt	-0.00085131	1.58335170	1.09172362
Pt	-2.05025228	-0.28491226	1.27731015
Pt	3.73780645	-0.20875914	-0.57751061
Pt	-3.73702531	-0.21276522	-0.57845793
Pt	2.04988087	-0.28332691	1.27803315
Pt	-0.00068072	-0.24381584	2.83271997
Pt	-0.00126588	3.14705526	-0.84954305
Pt	-1.96772747	1.58256950	-0.74497312
Pt	1.27400108	-0.83789717	-1.27644900
Pt	1.96480065	1.58270925	-0.74487939
Pt	0.00162533	-1.93685330	0.91534997
Pt	0.00061815	-3.05027159	-1.34798639
Pt	-1.27092955	-0.83708429	-1.27533735

13

#5.193:triplet:UNK =	-2.11635035		
Pt	3.24166832	0.69161509	-0.47609690
Pt	0.77176525	1.06909967	-1.38333362
Pt	-0.33685897	-2.32842670	-2.30272812
Pt	-1.06098392	0.33248593	1.78597642
Pt	0.17773017	-1.77923887	2.56848641
Pt	-3.12140757	-0.75063759	0.53666028
Pt	-0.24424561	3.19400802	-0.35521191
Pt	1.66175245	-1.29188205	-1.15140252
Pt	2.15501057	-0.75904548	1.37325560
Pt	-1.47710247	-0.05923343	-1.77059729
Pt	1.08603246	1.51155025	1.09443123
Pt	-0.63964729	-1.47149956	0.12095775
Pt	-2.21371340	1.64120472	-0.04039734

13

#5.961:singlet:UNK =	-2.11623552		
Pt	0.83762411	-1.37761209	1.30320911
Pt	3.62402692	1.20840305	-0.28831409
Pt	-2.15856971	-0.05684499	0.66127068
Pt	-2.97477592	-0.92287978	-1.68814034
Pt	2.46851525	-0.94082173	-0.61997847
Pt	-0.83859196	-1.82046474	-0.57937070
Pt	-1.17777680	-0.93934003	2.85502349
Pt	1.39590536	2.24094253	-0.14377610
Pt	-0.06103443	1.01166376	1.60998709
Pt	1.28627939	-3.18395195	-0.63454538
Pt	-1.86197164	1.37347562	-1.37575650

Pt	-0.93385349	3.13296418	0.18597883
Pt	0.39422292	0.27446619	-1.28558761
13			
#5.87:singlet:UNK =	-2.11585695		
Pt	0.39342903	1.34941965	1.21452283
Pt	2.74294520	-2.12513311	0.32803267
Pt	-2.02615786	-1.29284437	0.83126565
Pt	0.65160373	-2.25967213	-1.12669982
Pt	2.00041541	0.01519457	-0.76534133
Pt	-0.63472628	-0.00334404	-1.61625015
Pt	-1.85527105	-2.21197798	-1.52736695
Pt	-1.08275482	-0.00975391	2.93537875
Pt	-1.88693231	2.18714789	-1.52654953
Pt	2.70994191	2.16508260	0.33311350
Pt	0.61869575	2.27015307	-1.12493146
Pt	-2.04615470	1.26185726	0.83099693
Pt	0.41496598	-1.34612950	1.21382891
13			
#5.175:triplet:UNK =	-2.11584259		
Pt	-2.13613167	-0.85001911	2.32487208
Pt	1.32438220	-2.61383503	-0.77395190
Pt	-0.75674585	1.15513974	1.62279194
Pt	2.56483045	1.60431980	0.20721350
Pt	-0.85273327	1.84321548	-1.07626247
Pt	3.27972694	-0.86565321	-0.37177253
Pt	-0.34647655	-2.23920765	1.15688538
Pt	-2.70117061	-0.00107380	0.00127562
Pt	1.05985130	0.22390630	-1.28682979
Pt	-2.31287147	0.34159264	-2.50041172
Pt	-0.93622535	-1.37235168	-1.15614026
Pt	0.55103145	3.08763315	0.62779386
Pt	1.26253242	-0.31366664	1.22453627
13			
#5.441:triplet:UNK =	-2.11491982		
Pt	1.13371146	1.41450828	-0.32349156
Pt	0.21711659	-0.02685039	2.84031832
Pt	-2.20282727	1.40213471	-1.18214581
Pt	-2.01974583	-0.90915935	1.54557941
Pt	-3.26223965	-0.86568805	-0.67681903
Pt	-0.79274932	-0.73034447	-1.35105068
Pt	-0.53154446	3.27007285	-0.68978790
Pt	3.58534636	0.82189839	-0.77077455
Pt	2.34340976	-0.06065119	1.30153465
Pt	-1.01751773	1.33912359	1.00828333
Pt	0.31042664	-1.67535345	0.88848940
Pt	0.36255128	-2.99428016	-1.28329360
Pt	1.87406217	-0.98541076	-1.30684197
13			
#5.72:triplet:UNK =	-2.11485206		
Pt	-0.56965836	1.01993422	2.12077077
Pt	-1.61712930	-1.31085007	2.54504219
Pt	0.52223166	0.24105456	-1.33722294

Pt	2.16756768	1.86578914	-0.29168301
Pt	-2.04148251	0.01083278	0.38140629
Pt	-1.03070568	-1.74605483	-1.27764773
Pt	-1.38555816	1.86327532	-1.19869984
Pt	3.50054461	-0.38937867	-0.35840746
Pt	0.13935587	-2.29104725	0.99026048
Pt	1.66736715	-2.04391279	-1.14331452
Pt	1.41475561	-0.12883176	1.08726863
Pt	-2.80441413	-0.09140592	-2.11023750
Pt	0.03712557	3.00059529	0.59246463

13

#5.29:triplet:UNK =	-2.11448567	
Pt	-2.37953396	-0.42072542
Pt	0.45621134	0.52096598
Pt	-2.29012319	0.99678624
Pt	-0.41083643	0.97883512
Pt	1.60175944	-1.08606454
Pt	-0.87730971	-1.69000415
Pt	-1.18220364	-1.23658258
Pt	2.62372383	1.78837729
Pt	-0.15993878	1.26720633
Pt	-0.07129857	0.69154079
Pt	-1.27938260	-0.07129857
Pt	-1.99946439	2.18710561
Pt	-0.23771874	2.26838467
Pt	-0.20360631	-2.51356165
Pt	0.12722381	2.90144088
Pt	1.88117233	1.49514809
Pt	-2.61486447	0.52464608
Pt	2.74996725	0.00444012

13

#5.316:singlet:UNK =	-2.11439396	
Pt	-1.85663340	-2.47532520
Pt	0.05452721	2.81696447
Pt	1.13183919	2.67321548
Pt	-1.38596863	1.65282492
Pt	-1.44848384	1.33221059
Pt	1.03799058	-0.38698542
Pt	-1.49664321	-0.43745389
Pt	2.96569598	0.25547594
Pt	1.26094076	-0.79355854
Pt	0.95331394	-3.00398955
Pt	-1.32001820	0.34472251
Pt	-1.14982162	-1.94348462
Pt	0.91572452	-0.65330850
Pt	-1.51909669	0.31190608

13

#5.6:singlet:UNK =	-2.11436297	
Pt	-0.72900268	1.41836943
Pt	-1.23193108	-0.38300984
Pt	1.26718342	0.24139380
Pt	-1.01508455	1.92606130
Pt	-0.59750046	-0.42006865
Pt	-1.13254208	-2.53174124
Pt	1.00238268	-1.96056074
Pt	1.10632881	-0.81972428
Pt	-0.90171269	1.57409157
Pt	-0.17256630	3.39330403

Pt	-0.47234360	-0.20322407	3.07583281
Pt	-0.00596047	-0.16161403	-1.36316079
Pt	-1.95981133	1.41219606	-1.31244718

13

#5.23:quintet:UNK =	-2.11429048		
Pt	2.24515527	0.94852927	-0.99955173
Pt	1.61464645	0.19182268	1.30886689
Pt	1.09186447	-2.48684826	-0.43918731
Pt	-0.22869517	-1.47366012	1.52684663
Pt	3.26918708	-1.23164670	-0.07628902
Pt	-1.16176539	1.80155675	-1.29985377
Pt	-2.45850909	-0.27679957	-2.04446993
Pt	0.11640358	-0.35830713	-1.31439183
Pt	-0.26982970	1.88934408	1.29604115
Pt	-2.18447485	-0.01050535	0.49277586
Pt	-1.48545463	-2.39873039	-0.70500602
Pt	0.90683953	3.08997243	-0.64132110
Pt	-1.45536757	0.31527231	2.89554017

13

#5.773:quintet:UNK =	-2.11414981		
Pt	-0.92312161	1.52847176	-1.55014051
Pt	-0.72559019	1.67594613	1.42552535
Pt	-0.70485282	-1.78962286	1.33504598
Pt	1.60174037	1.11584900	-0.95783525
Pt	-0.19919031	-1.00028185	-1.40975791
Pt	3.55861872	0.48593776	0.51070881
Pt	0.40999088	3.23212893	-0.23938722
Pt	-2.34927986	-0.06841672	0.17281369
Pt	-2.46020260	-0.31261695	-2.35657235
Pt	1.13121871	-0.05876326	1.30087690
Pt	2.25306411	-1.47235848	-0.49945983
Pt	-2.02433036	-0.08942497	2.70293046
Pt	0.43193496	-3.24684848	-0.43474811

13

#5.12:triplet:UNK =	-2.11351879		
Pt	-2.08613641	-1.35894663	-0.71176552
Pt	3.49969713	-0.00107835	0.87484457
Pt	0.00024204	-2.58704089	-1.63775919
Pt	-0.00069864	1.46950513	0.74897720
Pt	-0.00016683	0.00295530	-1.82559822
Pt	2.08556944	1.36096917	-0.70709634
Pt	2.08564734	-1.35834799	-0.71134467
Pt	-1.32008830	-0.00387709	2.34411539
Pt	-3.49851474	-0.00083377	0.87550258
Pt	0.00022038	2.59244162	-1.62922397
Pt	-2.08585483	1.36108515	-0.70769437
Pt	1.32082157	-0.00420119	2.34290186
Pt	-0.00073814	-1.47263047	0.74414068

13

#5.137:singlet:UNK =	-2.11351870		
Pt	-1.70760028	0.38518512	-1.68475947
Pt	-1.42308876	0.83243700	0.79116762

Pt	-0.00808715	2.01536510	2.59990637
Pt	0.00498599	-1.38809607	-1.09655474
Pt	1.41681189	0.83309464	0.79799516
Pt	2.49691918	-1.36339486	1.44508459
Pt	-2.50623050	-1.36448250	1.43132909
Pt	2.50326993	-1.92897769	-0.98430486
Pt	0.00481990	2.17114757	-2.28751803
Pt	-2.49297102	-1.93328799	-0.99714463
Pt	1.71769530	0.38819225	-1.67647750
Pt	-0.00184270	2.82772202	0.16919693
Pt	-0.00468176	-1.47490459	1.49207948

13

#5.34:triplet:UNK =	-2.11340992		
Pt	-1.35126116	1.47726840	-1.45942963
Pt	-0.69778168	1.28131985	0.97283815
Pt	1.83901275	1.80632223	-0.12155063
Pt	1.71981987	-0.29322420	1.45530370
Pt	-2.84237948	-0.55399193	-1.31065423
Pt	-0.41627488	-1.67434237	0.86843720
Pt	-0.06522038	3.42269866	-0.42695568
Pt	-2.53552981	-0.43282308	1.23627769
Pt	1.59341933	-2.41329894	-0.63025292
Pt	-0.36692234	-0.24194480	3.01994968
Pt	3.24532219	-0.29092746	-0.63035242
Pt	0.67439300	-0.02373646	-1.38708874
Pt	-0.79659741	-2.06331991	-1.58652218

13

#5.344:quintet:UNK =	-2.11278725		
Pt	-0.44794359	1.08789265	1.04402908
Pt	-1.19964797	-0.59076173	-1.40640943
Pt	1.83889763	1.73420941	-0.30295172
Pt	-2.05837613	-0.85601211	1.31012425
Pt	3.76008724	0.11306622	-0.59858172
Pt	2.09046440	-0.39576431	1.22555236
Pt	1.34277206	-0.55807579	-1.39526379
Pt	0.14526798	-2.04342326	0.61549815
Pt	0.10220384	-0.75020704	2.82803207
Pt	-1.98921499	1.78886528	-0.79443607
Pt	-0.06274690	3.34415356	-0.22655365
Pt	-3.63300838	-0.11768516	-0.50192956
Pt	0.11124481	-2.75625772	-1.79710998

13

#5.119:quintet:UNK =	-2.11274363		
Pt	-3.16970027	0.58223864	-1.46014071
Pt	1.22233519	-0.66702316	-1.37805227
Pt	3.53931207	0.06190421	-0.50888305
Pt	-0.76761132	1.33959693	-1.15857426
Pt	-0.12317617	3.38567045	0.18808661
Pt	0.37222640	1.09571612	1.40082401
Pt	0.30340143	-3.04933585	-1.05161223
Pt	-1.36303747	-1.21112987	-1.51110561
Pt	1.81041262	-0.97264091	1.09790167

Pt	-0.45453323	-2.06519979	1.18924543
Pt	1.74022768	1.85083693	-0.61021375
Pt	-2.12027740	-0.00698515	0.78994290
Pt	-0.98957952	-0.34364854	3.01258128

13

#5.129:quintet:UNK =	-2.11272644		
Pt	-2.47223184	-2.48512174	0.03551956
Pt	1.85346156	-1.36384692	-0.87675589
Pt	-2.51869124	0.00083625	-0.19103678
Pt	3.85050237	-0.00133821	-0.06893006
Pt	-2.46947607	2.48624877	0.03751281
Pt	-0.32478962	2.50914458	-1.41879605
Pt	1.82998309	-0.00200459	1.51295568
Pt	1.85443068	1.36291799	-0.87679303
Pt	-0.33080518	1.43505318	0.94259757
Pt	-0.32668510	-2.50672447	-1.42070365
Pt	-0.18435836	-0.00098298	3.03469875
Pt	-0.33325657	-1.43535337	0.94176571
Pt	-0.42808371	0.00117152	-1.65203462

13

#5.54:quintet:UNK =	-2.11253282		
Pt	-2.09357435	0.90967054	0.44424348
Pt	-0.33445693	-1.65003643	2.71603605
Pt	2.06688694	1.18177405	-0.45391563
Pt	1.08669018	-1.18466233	-1.58435930
Pt	-0.96537671	-1.63774589	0.26172939
Pt	-3.30405005	-1.06640258	-0.53714067
Pt	-0.68098881	2.66382693	1.54644349
Pt	3.40174606	-0.96964264	-0.54818153
Pt	-0.46703209	1.07424262	-1.50382863
Pt	-1.36362549	-1.14822475	-2.26220558
Pt	0.54485597	3.17666396	-0.57150881
Pt	0.53679327	0.45197083	1.44920198
Pt	1.57213201	-1.80143431	1.04348576

13

#5.330:singlet:UNK =	-2.11196258		
Pt	-0.49933942	-2.39586598	-0.86264882
Pt	3.25292779	-1.02483573	0.41173222
Pt	-2.91579211	-0.00889951	0.00446812
Pt	0.76388950	2.88770360	-1.14901137
Pt	2.68664564	1.35676177	-0.56725014
Pt	1.17942864	-2.49956867	1.10045196
Pt	1.18074477	-0.56296633	-1.17848728
Pt	-0.91154321	0.92898054	-1.27521389
Pt	-0.97891169	-1.05309573	1.21953298
Pt	-0.52814787	2.17242793	0.93388883
Pt	-2.22743741	0.90331794	2.31376585
Pt	-2.20770823	-1.08322175	-2.21600222
Pt	1.20524362	0.37926192	1.26477377

13

#5.199:quintet:UNK =	-2.11166091		
Pt	-0.41779464	0.50042631	-1.26887420

Pt	-2.35851024	-1.07740003	-1.07199332
Pt	-0.97233553	0.19293144	1.44712694
Pt	1.88268287	-0.97846180	-1.19516473
Pt	-3.36827360	0.55243110	0.57269341
Pt	0.53200204	3.61310124	-0.17250834
Pt	1.53251493	-0.59220889	1.47474572
Pt	-1.53959642	2.27182545	0.08697482
Pt	-0.20737732	-1.80871138	-2.49890436
Pt	1.74304732	1.50430672	-0.24567752
Pt	3.72597576	-0.02728540	0.30003881
Pt	-0.27790625	-1.99236857	2.54447427
Pt	-0.27442892	-2.15858619	0.02706850

13

#5.88:triplet:UNK =	-2.11162170	
Pt	1.70442925	-1.29640903
Pt	0.56983407	2.31453265
Pt	1.10277806	-1.03014781
Pt	2.91927389	-1.20925516
Pt	-1.39772470	0.36379661
Pt	-1.09131259	-1.19888513
Pt	-1.28017890	-2.26923824
Pt	-1.39359854	-0.51531461
Pt	0.84417325	1.22871488
Pt	2.69534106	1.90682861
Pt	-1.76163794	2.00932878
Pt	-3.12164319	0.94237065
Pt	0.21026629	1.26728949
Pt		-1.92656114
Pt		-0.34237479
Pt		-0.38304264
Pt		0.56997200

13

#5.41:quintet:UNK =	-2.11159443	
Pt	1.55969511	-0.69789036
Pt	-0.29537119	0.98713356
Pt	-2.66556320	2.89691057
Pt	0.29627303	-1.28359464
Pt	2.36294777	1.19533445
Pt	-1.38924904	0.76262098
Pt	0.16685222	-2.90117531
Pt	-0.17698339	0.77146438
Pt	-0.00593874	1.71176297
Pt	1.29716411	0.76912424
Pt	-2.35810487	-1.00108081
Pt	-1.45459197	0.98219310
Pt	2.66287016	-1.59081229
Pt		-1.42689550
Pt		1.70271575
Pt		0.98236151
Pt		0.00204214
Pt		2.87188342
Pt		-1.42759246
Pt		-1.28408702
Pt		-1.42986949
Pt		-1.19252975
Pt		-1.27474208

13

#5.536:triplet:UNK =	-2.11133144	
Pt	0.60017884	1.33206194
Pt	-2.98511976	1.29365086
Pt	0.29208405	0.38201315
Pt	0.16108691	-1.88940047
Pt	3.56939804	-3.16857491
Pt	1.94839147	-0.49062937
Pt	1.67338257	0.27291427
Pt	-2.55898257	3.39246343
Pt		-0.26211391
Pt		-0.38015862
Pt		1.63227120
Pt		-0.84861406
Pt		1.26668901
Pt		0.64640269

Pt	-0.73354814	-1.70754244	1.36470985
Pt	-1.22538134	0.33762682	2.79022934
Pt	-1.28152678	-1.39168500	-1.35429151
Pt	1.27509611	-0.91563356	-1.27466488
Pt	-0.73505941	1.10421785	-0.85100858

13

#5.232:triplet:UNK =	-2.11112161		
Pt	1.63102231	-1.60697618	-1.13640917
Pt	-0.59896437	-2.44947842	-2.05091935
Pt	-2.46401642	0.25741755	0.46231921
Pt	-0.15152987	0.95738342	1.22084728
Pt	1.37682824	1.83156572	-0.62665424
Pt	2.34399101	0.38814462	1.83890761
Pt	-0.70429326	3.14265619	-0.06277775
Pt	-0.19614492	0.06271246	-1.61653018
Pt	0.64386044	-1.42754449	1.19200302
Pt	-1.49869991	-0.90984745	2.60982255
Pt	3.29665184	0.16488759	-0.50043045
Pt	-1.57407771	-2.12148110	0.25338678
Pt	-2.10462738	1.71056008	-1.58356532

13

#5.841:triplet:UNK =	-2.11083065		
Pt	-1.04247661	-0.97982766	1.27038432
Pt	3.05526033	-1.28862423	0.22076678
Pt	3.01161887	1.32192525	-0.22636147
Pt	-0.45548093	2.22227297	0.85020011
Pt	1.17040083	0.32660036	1.23850778
Pt	-2.26915235	1.08679985	2.20510104
Pt	1.00187911	2.56851179	-1.24605270
Pt	-1.03178781	0.96411157	-1.26878901
Pt	-0.43259516	-2.23432023	-0.83955182
Pt	-2.23801344	-1.11000522	-2.21763437
Pt	1.18584884	-0.33748212	-1.23661425
Pt	1.04096082	-2.52871119	1.26271324
Pt	-2.99646251	-0.01125116	-0.01266965

13

#5.128:singlet:UNK =	-2.11081947		
Pt	2.26380604	-1.13322685	-1.81058650
Pt	-1.52512130	0.30585046	1.36840465
Pt	3.24306181	0.58731543	0.00584656
Pt	1.07037159	1.25048597	-1.52371107
Pt	-1.11887874	2.48451367	-1.23654653
Pt	-0.24863606	-0.93793274	-1.52324141
Pt	1.64232432	-1.42155382	0.69120127
Pt	-0.89957873	-2.09539450	0.98136595
Pt	-0.87099667	2.80062511	1.24468650
Pt	-2.40060696	-2.25877319	-1.06828243
Pt	0.87582451	0.93402678	0.98479269
Pt	0.34786253	-0.82269981	2.90690960
Pt	-2.37943235	0.30676349	-1.02083926

13

#5.816:triplet:UNK =	-2.11076368		
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Pt	1.46568553	0.00045783	1.28020210
Pt	0.37445234	2.26161955	-0.89753067
Pt	-0.40763577	1.69101648	1.47764419
Pt	-1.75473902	0.00001732	2.88825517
Pt	-0.71996593	0.00550085	-1.93946666
Pt	-2.16875346	-2.01241263	-1.35250189
Pt	1.83045622	-0.00554629	-1.23031004
Pt	2.71133226	1.97928310	0.11372579
Pt	0.35984031	-2.26168523	-0.90135078
Pt	2.69339720	-1.99444735	0.12109226
Pt	-2.15792249	2.02818125	-1.33478106
Pt	-1.82062855	-0.00085653	0.29544443
Pt	-0.40551863	-1.69112836	1.47957715

13

#5.353:triplet:UNK =	-2.11072317	
Pt	2.81986971	-1.48233187
Pt	-0.55599388	-0.84586257
Pt	-0.05323951	2.63662164
Pt	1.57339015	-0.14196526
Pt	-1.57389856	0.46541271
Pt	0.69189682	-2.06853998
Pt	-2.72728393	-1.20486872
Pt	-1.38932508	2.01657020
Pt	-1.42167051	-2.09103794
Pt	1.13298445	1.51558962
Pt	-2.64504929	0.40611610
Pt	3.23912904	0.60728331
Pt	0.90919058	0.18701276

13

#5.308:septet:UNK =	-2.11068784	
Pt	-0.57830736	1.46404521
Pt	-2.07448016	-0.50812156
Pt	-0.57522042	1.50308599
Pt	-0.28200834	-1.93392422
Pt	-2.07033900	-0.55525506
Pt	0.85274229	3.18885946
Pt	-3.08249473	1.30041121
Pt	1.26324897	-0.33285863
Pt	-0.27496421	-2.01220720
Pt	3.32339345	-1.10228997
Pt	2.57882793	1.33607691
Pt	1.26382937	-0.29332556
Pt	-0.34422779	-2.05449656

13

#5.679:triplet:UNK =	-2.11016840	
Pt	-1.06543462	-2.31250668
Pt	3.15888085	0.88231241
Pt	-2.73235298	1.79367398
Pt	0.64233862	1.05361445
Pt	1.01434748	-1.19733196
Pt	0.11045044	1.19548056
Pt	-1.01570564	-1.55341588

Pt	-2.13594232	0.12021397	1.09978426
Pt	1.82371897	-1.17741405	-1.34931964
Pt	-1.50655906	-0.22005737	-1.58553001
Pt	2.58789300	0.70917188	1.72881708
Pt	-0.26070179	-2.34939080	-2.19726451
Pt	-0.62093296	3.05564950	-0.30334039

13

#5.127:triplet:UNK =	-2.11011599		
Pt	-0.78655812	-2.02038124	0.36212479
Pt	1.31669068	-1.46831677	-0.93333324
Pt	3.18022274	0.35194989	-1.05824153
Pt	-1.65256899	-0.10240745	-1.42847293
Pt	-3.15259907	-0.39000464	0.72387892
Pt	-2.11793126	1.91752884	0.05699087
Pt	0.65224495	0.94480212	-1.31652857
Pt	-0.04670332	3.26748171	-0.47643997
Pt	2.36487026	-0.64301622	1.20546174
Pt	-0.79021003	0.37025748	1.49902188
Pt	1.33055001	1.67067848	1.01405795
Pt	0.43537902	-1.57873249	2.56688292
Pt	-0.73338688	-2.31983972	-2.21540282

13

#5.297:triplet:UNK =	-2.11009039		
Pt	-1.82691266	0.01512928	2.55658146
Pt	2.80514826	-1.72013336	-0.59092196
Pt	-1.89827465	-1.47493187	-2.09450775
Pt	0.41684640	-2.12478837	-1.25714528
Pt	-0.55467761	2.83761619	-1.37401190
Pt	2.19814925	0.74481101	-0.52245911
Pt	2.10438910	-1.09993284	1.77061338
Pt	-0.10492540	0.32329934	-1.59328177
Pt	0.37116800	0.84855052	1.29630378
Pt	1.33656783	2.99202402	0.24602180
Pt	-0.32273202	-1.57657210	1.11337795
Pt	-1.87317560	1.31583474	0.14193277
Pt	-2.65157091	-1.08090656	0.30749663

13

#5.900:triplet:UNK =	-2.10981633		
Pt	-1.15436263	-0.01837095	1.46617586
Pt	-0.44202835	-0.66870375	-1.57290059
Pt	-2.63179601	0.10266861	-0.58661149
Pt	0.41458984	1.67886623	-1.45567233
Pt	1.12944471	0.96605896	0.87173641
Pt	-0.59640295	-2.38013966	0.85749891
Pt	3.44764972	0.39742684	-0.14832922
Pt	2.05270350	-0.13255790	-2.23650439
Pt	1.66125814	-1.41567316	0.08914867
Pt	-0.75848295	2.50379061	1.73578457
Pt	-1.80035113	2.50305827	-0.56172278
Pt	-2.26636549	-2.41232996	-1.05524317
Pt	0.94414359	-1.12409414	2.59663954

13

#5.770:singlet:UNK =	-2.10972887	
Pt	-0.41680399	-1.29248553 1.92241284
Pt	-1.79967386	1.60532823 0.67165891
Pt	-0.14080635	0.44095174 -1.21458422
Pt	-1.09703154	-1.32476157 -2.83000708
Pt	-0.11372423	-1.97463560 -0.52807267
Pt	2.42240872	-2.12703526 -0.60155693
Pt	2.36113402	0.42954057 -0.63545341
Pt	1.77327435	2.79625048 0.07124028
Pt	0.57277997	0.93396416 1.31943874
Pt	2.11635199	-1.17099829 1.73276460
Pt	-2.41024234	-0.82772348 -0.68817118
Pt	-2.80063024	-0.44381583 1.80471525
Pt	-0.46703649	2.95542039 -1.02438514

13

#5.767:singlet:UNK =	-2.10922682	
Pt	2.49851211	0.20118028 -1.22485156
Pt	0.14925488	-2.01581560 -0.22269221
Pt	-2.26739953	-2.59669650 -0.78562177
Pt	-1.65083576	-0.79906871 1.09468530
Pt	-0.13560271	2.63675011 -0.89374566
Pt	-2.45188763	2.17471386 -0.04453695
Pt	1.69684945	-0.46547972 1.08251896
Pt	-2.47385443	-0.08364357 -1.17376659
Pt	0.00195000	0.20159163 -1.49989838
Pt	-0.17344600	1.26660716 1.27160544
Pt	0.02451449	-0.57346158 3.02982845
Pt	2.16760329	2.33263933 0.10333948
Pt	2.61434183	-2.27931668 -0.73686452

13

#5.798:quintet:UNK =	-2.10911089	
Pt	-2.86949886	-1.89900668 -0.92738403
Pt	2.59533094	-0.51073200 -1.16090047
Pt	0.14030064	0.07020760 -1.38204449
Pt	1.98332436	-2.72930379 -0.13849211
Pt	-0.20294720	-0.27337372 3.11192615
Pt	-1.81757935	2.96321586 -0.40800357
Pt	1.34407172	-0.42541353 1.08169248
Pt	0.63876144	2.49672873 -0.80725083
Pt	-0.45631422	1.45174237 1.24864073
Pt	-1.55815684	-1.06048547 1.13942242
Pt	-2.28823787	0.54722317 -0.87771074
Pt	2.87843151	1.71612856 -0.07105837
Pt	-0.38748628	-2.34693110 -0.80883718

13

#5.550:triplet:UNK =	-2.10909401	
Pt	0.84004576	2.34605200 -0.56960571
Pt	0.32159415	-0.03510379 -1.29751242
Pt	-2.74960211	-1.89564555 -1.23493102
Pt	1.96396873	-2.33717191 0.39622981
Pt	3.05549908	1.33252189 -0.00235927
Pt	1.21624284	0.00657931 1.22533594

Pt	-1.81426023	-1.04921364	0.99090724
Pt	-0.54304649	-0.29642334	3.01088761
Pt	2.76177492	-0.74281259	-1.36374416
Pt	-2.12566466	0.55446221	-1.14896960
Pt	-0.33103630	-2.40019081	-0.62033329
Pt	-1.59240065	2.98519378	-0.68968060
Pt	-1.00311504	1.53175243	1.30377547

13

#5.653:quintet:UNK = -2.10869970

Pt	-0.31234822	-2.02534766	1.38349872
Pt	-1.07065100	-1.44477011	-0.96003801
Pt	3.61963789	-0.31513750	0.12593553
Pt	-0.44388572	1.28905484	-1.28870932
Pt	1.47354974	-0.82625612	-1.11406223
Pt	0.27481322	3.36300955	0.00093745
Pt	-1.93244011	-0.41576853	2.49785579
Pt	2.12040606	1.66859238	-0.42815947
Pt	1.28646390	-0.01720256	1.30315726
Pt	-2.42577123	0.18677695	-2.43508129
Pt	-0.71376224	1.54145528	1.46911339
Pt	0.74408826	-3.21361238	-0.66433314
Pt	-2.62010055	0.20920584	0.10988533

13

#5.2:septet:UNK = -2.10864816

Pt	1.83406969	1.43603733	-0.72868090
Pt	-0.29388358	2.67099397	-1.35377784
Pt	1.83286719	-1.34960549	-0.87900162
Pt	-0.32591379	0.08890753	-1.64136690
Pt	-2.48577287	1.36777994	-0.69598513
Pt	-0.32698042	-1.47404264	0.74789316
Pt	-0.29435799	-0.16034234	2.98749337
Pt	1.83243477	-0.08744289	1.60474860
Pt	-0.29568214	-2.50921898	-1.63324313
Pt	-0.32620765	1.38443349	0.90063509
Pt	3.82061159	-0.00088380	-0.00077629
Pt	-2.48472582	-0.08172986	1.52921268
Pt	-2.48645900	-1.28488626	-0.83715108

13

#5.19:triplet:UNK = -2.10854219

Pt	1.22931758	1.07568749	1.19684775
Pt	-0.77969387	-2.22954388	0.77788475
Pt	0.85257166	-1.29713683	2.53716584
Pt	-0.84438598	2.96954485	-0.90902219
Pt	-0.70351856	2.67040389	1.57525951
Pt	2.60764912	-0.94710879	0.68730611
Pt	2.96613438	-0.21752858	-1.76280865
Pt	-1.58114919	-2.00785182	-1.73778765
Pt	-3.18848264	-0.83967292	-0.01494142
Pt	1.15179540	1.47705026	-1.31698472
Pt	-1.16283893	0.19317931	1.25948512
Pt	-1.34060443	0.52043521	-1.29051055
Pt	0.79320547	-1.36745818	-1.00189391

13

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#5.461:triplet:UNK = -2.10843957
Pt -1.21030102 -0.17877229 1.71610298
Pt -0.38563535 0.99875473 -1.16402047
Pt -1.80558961 -1.01778626 -1.57430949
Pt 1.71339154 -0.51681516 -1.31322540
Pt -3.42370341 -0.19739789 0.19645809
Pt 3.67444878 0.07235019 0.22749649
Pt -2.05391617 1.90446987 0.43558098
Pt 1.89776874 1.86221701 -0.14729909
Pt -0.12143088 3.41320497 -0.27692377
Pt 0.29455542 -2.02939866 2.65622554
Pt 1.36397650 -0.08221642 1.42472571
Pt -0.23249611 -1.91519104 0.15863592
Pt 0.28893156 -2.31341904 -2.33944748
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13

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#5.339:singlet:UNK = -2.10832550
Pt -0.57624812 -2.04650740 -0.42530798
Pt 1.87784986 -1.92561437 0.12442898
Pt -0.36970098 2.07314499 2.22713566
Pt 1.23544386 0.23581796 1.26219560
Pt -3.00315277 -1.37939097 -0.33847893
Pt 0.57694372 2.04550054 -0.42871671
Pt 0.00040983 -0.00171923 -1.89237423
Pt -1.23632856 -0.23274339 1.26107135
Pt 0.36865991 -2.06789493 2.23168698
Pt -1.87775592 1.92705096 0.11937049
Pt 2.44526093 -0.50417528 -1.89979005
Pt 3.00327157 1.37714910 -0.34070498
Pt -2.44465331 0.49938202 -1.90051619
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13

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#5.102:triplet:UNK = -2.10825991
Pt -1.33300970 -1.69892109 0.33678221
Pt 1.37479066 1.57583962 -1.13019235
Pt -0.83072476 2.83533675 -1.36564363
Pt -0.84159307 -2.03062145 -2.20407814
Pt 1.31436830 -0.46869687 1.37542842
Pt -1.19406878 1.61269284 0.94327373
Pt 1.30250629 -1.13157868 -1.17509007
Pt -3.19043316 0.10427876 0.16859278
Pt -0.98027336 -0.39980873 2.48179490
Pt 1.27130571 2.07027407 1.35340870
Pt -1.04551552 0.31770495 -1.20840055
Pt 3.27673352 0.13021193 -0.21759027
Pt 0.87591387 -2.91671210 0.64171426
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13

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#5.75:triplet:UNK = -2.10818389
Pt -3.13230553 -1.02822224 -1.10141769
Pt 3.19149617 0.98833751 -0.60212739
Pt -1.19319327 0.61370598 -1.23123466
Pt 0.90160423 2.09545442 -0.67884814
Pt -0.71934194 1.46260809 1.48792670
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Pt	2.50735345	-1.95554203	0.03706062
Pt	-0.00126867	-1.78556295	0.59148578
Pt	-0.16464902	-0.58282750	2.94154629
Pt	1.62439105	0.17322907	1.22175035
Pt	-2.15599977	-0.69504440	1.21819681
Pt	1.34015023	-0.44018088	-1.67218639
Pt	-0.77040956	-1.85130522	-1.82322372
Pt	-1.42782737	3.00535018	-0.38892853

13

#5.57:quintet:UNK =	-2.10814609		
Pt	-3.51035460	1.03562868	0.48288715
Pt	-0.47794904	0.59087545	-1.51231146
Pt	1.52040535	-0.93807042	-0.97912442
Pt	-1.62217653	-0.23769000	1.57457324
Pt	-0.56044463	-1.89506872	-2.36246213
Pt	-2.47745249	-0.78082263	-0.96933075
Pt	0.65625832	0.92043611	1.29483735
Pt	2.70069486	-0.48337957	1.21781635
Pt	3.44487656	0.73911649	-0.91439600
Pt	1.32665314	2.26365115	-0.67701690
Pt	-1.21545436	2.33065861	0.10504451
Pt	0.55857948	-1.40914403	2.51404537
Pt	-0.34363607	-2.13619111	0.22543770

13

#5.414:quintet:UNK =	-2.10807967		
Pt	2.31472458	1.05185887	0.04188154
Pt	-0.03394588	0.98679400	-1.34623096
Pt	0.96396591	3.13209066	-0.41093566
Pt	-0.85833248	-1.33985546	-1.78998471
Pt	-2.23061792	1.18264097	-0.06892802
Pt	1.68370631	-1.01755870	-1.90268917
Pt	0.17126994	0.39785714	1.29320372
Pt	3.27711803	-1.29207461	0.11305212
Pt	-3.27749181	-0.82990973	-1.20519347
Pt	0.81341196	-1.87764121	0.40890426
Pt	-0.21744242	-1.73311783	2.74178019
Pt	-1.81449561	-1.40575716	0.81034163
Pt	-0.79187061	2.74467306	1.31479854

13

#5.556:singlet:UNK =	-2.10781367		
Pt	-1.22819521	1.63189753	1.97701389
Pt	2.94077983	1.51206618	0.00548268
Pt	0.90988973	0.34500345	1.26647187
Pt	-1.89450820	2.74483345	-0.22915822
Pt	0.58236104	2.29215548	-0.37788347
Pt	-0.22620075	-2.26030765	-0.78370568
Pt	0.15829441	0.12204493	-1.66179485
Pt	2.63748287	-0.28706625	-1.70730700
Pt	0.47923312	-1.95019347	2.36181532
Pt	-1.32946715	-0.76375702	0.93512399
Pt	-2.29241976	0.41080323	-1.08991833
Pt	-2.74400981	-2.06641640	-0.97756198

Pt	2.00675987	-1.73106345	0.28142177
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13

#5.4:singlet:UNK =	-2.10763723		
Pt	-0.08747141	-0.89582873	-1.19729136
Pt	0.12726119	3.24526921	0.17011912
Pt	-0.83728563	1.65615715	-1.56508877
Pt	-0.10047947	0.89543144	1.19731642
Pt	2.44871966	0.80221418	1.68369821
Pt	-0.81990703	-1.66643623	1.56096325
Pt	0.16826298	-3.24347975	-0.17216514
Pt	1.66782975	-1.39684449	0.69658589
Pt	-2.34811886	-0.01301427	-0.00020516
Pt	2.46103173	-0.77190810	-1.68031234
Pt	-2.16316643	-0.26004199	-2.53430148
Pt	1.65099596	1.41672789	-0.69387489
Pt	-2.16767245	0.23175368	2.53455624

13

#5.764:triplet:UNK =	-2.10762668		
Pt	0.95575883	0.19030389	1.40371631
Pt	-1.47580749	0.75768497	1.49766617
Pt	-1.70199505	-1.68096307	0.87119980
Pt	1.16325133	2.35424974	0.09144734
Pt	2.44931321	-0.49390562	-1.88827087
Pt	-2.96728475	-1.07735327	-1.32074031
Pt	3.18128114	0.79097441	0.14761864
Pt	0.35554829	-2.14750381	2.27177781
Pt	-2.11374765	1.27089403	-0.89735870
Pt	-0.50718245	-1.81503625	-1.37665217
Pt	1.61280624	-1.89347666	0.05763549
Pt	-1.17655022	3.15772616	0.58635052
Pt	0.22460857	0.58640548	-1.44439003

13

#5.183:quintet:UNK =	-2.10761386		
Pt	0.83302464	2.11424601	-0.57813936
Pt	-1.45353585	2.71142882	-1.46567242
Pt	-1.82948559	0.18239406	-1.73239290
Pt	-3.02005837	-0.80555219	0.85080517
Pt	-1.30201523	-2.06268391	-0.56529097
Pt	0.64972102	-0.23494476	-1.53526776
Pt	3.03080493	1.46271727	0.53674044
Pt	2.79062216	-0.89490316	-0.38683374
Pt	-1.38994381	1.19414139	0.60126214
Pt	1.15333852	-2.82388247	-1.19847017
Pt	-1.11988238	-0.45904932	2.56743569
Pt	0.97481455	0.94654386	1.96840708
Pt	0.68259541	-1.33045562	0.93741680

13

#5.728:triplet:UNK =	-2.10757739		
Pt	-0.74137467	-1.62568663	-2.26218710
Pt	-1.14351357	1.16531368	1.32607566
Pt	2.31150148	-2.07970156	0.52011546
Pt	2.13625913	1.70355392	0.02118870

Pt	-0.23810102	-1.92442284	0.23532043
Pt	-2.71850817	-0.17861735	-1.69087415
Pt	-0.92905161	-1.02824348	2.81662239
Pt	3.13818459	-0.37041798	-1.12119132
Pt	-1.26099297	1.80416867	-1.10640392
Pt	-2.47278297	-0.90120773	0.74762312
Pt	1.07130573	-0.07075117	1.47385023
Pt	0.15245249	3.23575097	0.50179120
Pt	0.69462155	0.27026151	-1.46193069

13

#5.35:quintet:UNK =	-2.10733501		
Pt	-1.97556224	-0.51507574	1.41178633
Pt	1.68922473	1.38117988	-1.00631709
Pt	1.67363783	-1.34576814	-1.24116680
Pt	0.07672841	-0.16338960	3.03103707
Pt	3.74670732	-0.04184170	-0.48293641
Pt	2.01838059	0.09824826	1.37558619
Pt	-0.44855787	2.72209422	-1.14243302
Pt	-0.59311074	0.12153250	-1.40448734
Pt	-2.60749078	1.48065851	-0.25284208
Pt	-0.23557164	1.50179813	1.08975667
Pt	-0.64797475	-2.45141818	-1.38493095
Pt	0.15991374	-1.71459078	0.90876168
Pt	-2.85632461	-1.07342735	-0.90181425

13

#5.526:triplet:UNK =	-2.10729024		
Pt	-2.46605706	-0.13232292	1.40582537
Pt	-0.04218199	1.04661944	1.23021136
Pt	-1.71500939	-1.25714784	-0.74912704
Pt	4.37258211	0.13545420	0.40408328
Pt	-0.47674970	-0.87965235	2.78493990
Pt	-3.95812287	0.05892730	-0.66845287
Pt	0.52283539	-2.12806505	-1.93451419
Pt	0.30434501	-1.90868680	0.61272484
Pt	0.37030412	0.37432943	-1.40770436
Pt	2.45873942	-1.11495682	-0.52139406
Pt	0.27671626	2.80986645	-0.62996685
Pt	2.29170093	1.44440695	0.21989606
Pt	-1.93910224	1.55122802	-0.74652144

13

#5.689:triplet:UNK =	-2.10715188		
Pt	-0.36589135	-1.64599984	0.19219709
Pt	2.74053368	-0.82763250	-1.33550772
Pt	1.04927929	0.03695505	1.57157825
Pt	0.75639438	3.41024589	0.18558938
Pt	0.32634961	-0.96104511	-2.12141046
Pt	-0.71998061	-1.46167729	2.71528435
Pt	-2.67212277	0.89296284	-1.20927261
Pt	-0.17748227	1.30594372	-1.09886432
Pt	2.20905991	1.38742513	-0.25444619
Pt	-2.30290533	-0.25123456	1.07111610
Pt	2.08498658	-2.15815553	0.70284615

Pt	-2.13214978	-1.49671396	-1.78997213
Pt	-0.79607133	1.76892617	1.37086211
13			
#5.745:quintet:UNK =	-2.10712117		
Pt	1.69445614	-1.24636884	-1.22470553
Pt	-0.60040296	-1.80123361	-2.15040190
Pt	0.19106185	2.97692482	-0.89147079
Pt	-0.51582712	-1.71516192	0.41744425
Pt	-2.52322842	0.55876390	-0.24642572
Pt	-0.29895836	0.60816811	-1.45857220
Pt	-0.90922740	0.55901427	1.83597045
Pt	-1.67476185	2.72361702	0.76930883
Pt	-2.77706675	-1.90137599	-0.73065615
Pt	3.74149921	-0.47156679	0.06467601
Pt	0.03714279	-1.53841781	2.89616410
Pt	2.14400568	1.40797701	-0.58335235
Pt	1.49130717	-0.16034017	1.30202101
13			
#5.401:triplet:UNK =	-2.10711574		
Pt	0.14855950	-0.63741042	2.30508198
Pt	0.13224399	3.03586126	-1.15014876
Pt	-1.23619984	-2.34318138	-0.79591380
Pt	1.03216755	-2.25893201	0.48196376
Pt	2.93263484	-1.12036953	-1.08429640
Pt	2.02095758	1.33305031	-1.07578167
Pt	-1.86828780	-0.45588303	0.76744282
Pt	0.40070510	-0.53730850	-1.40687806
Pt	-1.49745602	1.10237297	-1.41704352
Pt	-1.56736862	1.23946756	2.66806342
Pt	2.48559914	-0.06025843	1.24153709
Pt	-3.21532032	-0.77275517	-1.38594428
Pt	0.23176489	1.47534636	0.85191742
13			
#5.445:quintet:UNK =	-2.10694919		
Pt	0.44578424	-1.86781855	-0.66231491
Pt	2.97147552	-1.65296360	-0.52372776
Pt	-0.51025980	-1.81520407	2.77902583
Pt	-1.74234201	-1.53263778	0.54840497
Pt	-0.75669463	-1.40563649	-2.86031953
Pt	-0.42424214	2.51094703	0.13798435
Pt	1.93848317	3.20154892	0.00807675
Pt	-0.70000674	0.50737537	1.66516673
Pt	1.47244251	-0.88101484	1.47654523
Pt	-2.78301582	1.60977523	0.49708223
Pt	0.07510271	0.57193657	-1.35366874
Pt	-2.37143248	-0.04949293	-1.40098917
Pt	2.38470547	0.80318515	-0.31126599
13			
#5.263:quintet:UNK =	-2.10691681		
Pt	-1.90224651	-0.13323349	1.53395817
Pt	-0.71367474	2.80994337	-0.15484524
Pt	-0.47511573	-1.93132900	-2.21436718

Pt	0.32398301	1.06639268	1.42690388
Pt	2.07094422	-0.79115096	1.21249833
Pt	1.65547671	-0.77447545	-1.50367801
Pt	0.09936098	-1.20070597	2.81648695
Pt	3.68200651	0.31814121	-0.41795330
Pt	-0.64199886	0.51791011	-1.32574119
Pt	-2.90033236	1.34896876	-0.25000635
Pt	1.62835021	1.84100306	-0.65162693
Pt	-2.60445927	-1.22648713	-0.80197637
Pt	-0.22229415	-1.84497719	0.33034722

13

#5.277:singlet:UNK =	-2.10669762	
Pt	-1.24942350	-0.89070913
Pt	0.34231307	-2.31944806
Pt	2.10182285	-1.04444975
Pt	-2.16193060	-0.09548504
Pt	2.83516455	-0.42080960
Pt	-2.01307819	1.44308134
Pt	0.46346850	0.94654280
Pt	0.41682116	2.30848140
Pt	-2.10720065	2.34784000
Pt	0.34339902	-0.06254241
Pt	-2.16351586	-2.60652071
Pt	0.46098280	-1.15433580
Pt	2.73117684	1.54835496

13

#5.118:triplet:UNK =	-2.10664923	
Pt	-0.23199196	0.70641407
Pt	0.86749753	2.09594851
Pt	0.80985535	-2.02692054
Pt	-1.75065664	-1.97307923
Pt	-1.41629485	2.48866537
Pt	-2.50417778	1.48988463
Pt	-0.65763460	-2.37879600
Pt	-1.72697293	-0.07970546
Pt	1.97564407	-0.32654664
Pt	-2.32662967	-0.39533323
Pt	3.10945209	1.51453967
Pt	3.06979217	-0.88533280
Pt	0.78211721	-0.22973835

13

#5.341:triplet:UNK =	-2.10661543	
Pt	-2.21176078	-1.02300340
Pt	-1.68294362	1.47726070
Pt	1.99806703	-0.04608814
Pt	1.97029816	-2.57217889
Pt	1.95810662	-0.24553127
Pt	-0.59797372	0.68688322
Pt	-2.24184829	-0.90502901
Pt	3.20416271	1.71611886
Pt	-0.06999408	-1.87390395
Pt	-1.88823284	-0.57796421

Pt	0.05838453	-1.66797549	1.46668163
Pt	0.72717943	1.93679183	0.42188891
Pt	-1.22344515	3.09461974	-0.76010509
13			
#5.121:quintet:UNK =	-2.10657641		
Pt	-0.94248226	-1.70536127	1.14289877
Pt	-2.28193942	2.44785120	0.02441510
Pt	0.32623400	-0.63797839	3.04169818
Pt	-0.20502444	2.85019580	-1.28730429
Pt	3.50171120	0.63294219	0.12348971
Pt	-0.04683774	0.30247868	-1.56351457
Pt	1.60518719	-0.96049361	0.84846158
Pt	-2.28489059	-2.50587784	-0.87507955
Pt	-2.34896356	0.00388874	-0.57483123
Pt	1.13771933	1.53912843	0.42355634
Pt	2.32915468	-0.80569278	-1.67063088
Pt	0.20999433	-2.18317765	-1.29322199
Pt	-0.99986273	1.02209650	1.66006281
13			
#5.280:triplet:UNK =	-2.10626770		
Pt	2.13852847	-0.59989694	0.83296405
Pt	-0.80385024	3.07891714	-0.54179053
Pt	-1.68557668	0.21413908	2.88306709
Pt	0.03787535	-1.17600544	-1.32568575
Pt	1.20146808	-2.90525569	0.16769199
Pt	-1.55947024	0.93507079	-1.67296574
Pt	-2.42357713	-1.43773045	-1.85103366
Pt	2.47519016	-0.56723858	-1.65145303
Pt	-0.23748321	1.06365988	0.96778695
Pt	2.19315543	1.91044257	1.11316408
Pt	1.07283581	1.51487265	-1.20094014
Pt	-0.15309418	-1.48016716	1.76084597
Pt	-2.25600161	-0.55080786	0.51834872
13			
#5.257:triplet:UNK =	-2.10622754		
Pt	0.70798331	-2.45520091	-0.68617044
Pt	-1.33859974	-0.00247828	-2.24577322
Pt	0.93320854	0.00257704	-1.18054386
Pt	-1.86782246	-0.00775476	2.76700221
Pt	-1.80585778	2.28870197	-1.22043234
Pt	2.94904078	1.41580418	-0.04400246
Pt	0.69088191	2.45827449	-0.68447474
Pt	-0.49479771	1.73375525	1.47337167
Pt	1.36682817	0.00341144	1.40594021
Pt	-0.48434485	-1.73836772	1.47013996
Pt	-1.79003532	-2.29708842	-1.22200857
Pt	-1.82533066	-0.00502472	0.21189189
Pt	2.95884580	-1.39660956	-0.04494031
13			
#5.40:triplet:UNK =	-2.10617960		
Pt	-3.12353670	1.30039558	-0.66746351
Pt	2.76599455	-0.32402551	1.20870391

Pt	1.82778934	-1.08732397	-1.06938116
Pt	0.98906430	1.63637790	1.09700888
Pt	-1.87412796	-1.80412663	2.14681989
Pt	0.48056102	-0.83523599	2.23653359
Pt	-0.28417332	-1.91313800	0.10060400
Pt	0.44410684	1.00084650	-1.30959687
Pt	0.02114902	-2.27252474	-2.43935153
Pt	2.91028414	1.50125593	-0.66973416
Pt	-1.52642937	0.51054119	1.14794321
Pt	-1.05330302	2.71861161	-0.11024002
Pt	-1.57737884	-0.43165387	-1.67184624

13

#5.474:triplet:UNK =	-2.10613702	
Pt	1.08586337	2.52204312
Pt	-1.26665199	1.66773364
Pt	-3.19773769	-0.00370240
Pt	-1.05100483	0.00122627
Pt	1.09014711	-2.52161636
Pt	-1.26358626	-1.67293243
Pt	-0.87307949	2.46382929
Pt	1.33580433	0.00024861
Pt	-0.86522405	-2.46029135
Pt	1.33889567	-1.35423945
Pt	1.33286390	1.35775791
Pt	-0.94820262	-0.00569266
Pt	3.28191255	0.00563582

13

#5.115:triplet:UNK =	-2.10596984	
Pt	1.09526221	-1.21983095
Pt	1.80333440	0.77330751
Pt	-3.29592442	-1.27541151
Pt	-1.97871246	-0.20735495
Pt	-1.36632843	0.10827523
Pt	-0.63023323	1.92559054
Pt	0.23523824	-1.26121584
Pt	-1.45802846	2.65568048
Pt	0.80509534	1.56945382
Pt	2.76961118	-1.63214591
Pt	0.03761649	0.53220261
Pt	3.07155926	0.46919711
Pt	-1.08849013	-2.43774815

13

#5.7:triplet:UNK =	-2.10593120	
Pt	-2.69910700	1.40286226
Pt	-0.19120289	-0.67088596
Pt	-2.03471598	0.13473900
Pt	-0.55819790	-1.96315729
Pt	-2.56506852	-1.22751220
Pt	-0.24580001	-2.25573480
Pt	1.60815494	-0.74863520
Pt	-0.50058655	2.79030471
Pt	1.91298366	-0.96733916

Pt	3.76531209	0.15311778	-0.04744471
Pt	0.10924188	1.39105401	1.41459952
Pt	1.79720032	1.65668124	-0.64988539
Pt	-0.39821404	0.30450561	-1.38056303

13

#5.552:quintet:UNK =	-2.10588081		
Pt	-0.01196739	2.42053968	-0.01954082
Pt	0.32265166	0.60436304	-2.08236273
Pt	-2.93564643	-1.77224513	-0.19807121
Pt	1.84942595	0.55124016	0.34577534
Pt	-0.74741630	-1.70557866	1.03793203
Pt	2.95016912	-1.74403175	0.22690606
Pt	-1.85752799	0.53124857	-0.36135985
Pt	-0.31917831	0.65223693	2.08133476
Pt	2.09176862	2.30828899	-1.45864508
Pt	1.43800985	-1.17993913	2.23662828
Pt	-1.42630053	-1.23636919	-2.21469827
Pt	-2.11750468	2.30934193	1.41752104
Pt	0.76351642	-1.73909544	-1.01141955

13

#5.547:triplet:UNK =	-2.10584913		
Pt	0.55476021	3.01919740	-0.99933875
Pt	2.14798923	1.04119200	-1.11367343
Pt	-3.25776766	-0.20914868	-1.11566467
Pt	1.80063326	-1.88600617	0.22526415
Pt	0.84397474	-0.76147262	2.31412638
Pt	3.73496469	-0.83713920	-0.87275133
Pt	-0.78711922	1.08294078	3.05227975
Pt	0.17763781	-0.50518754	-1.22126999
Pt	-1.76446845	-2.15265462	-1.56811165
Pt	-1.39015472	1.48004558	-1.36920308
Pt	0.67810219	1.35160282	0.94728179
Pt	-0.78226107	-1.97470820	0.75525737
Pt	-1.95629101	0.35133844	0.96580345

13

#5.379:triplet:UNK =	-2.10578951		
Pt	-1.77407758	-1.57296619	1.03905669
Pt	-2.53972674	2.18630988	-0.32090103
Pt	0.20074670	0.31467381	-1.35344461
Pt	-0.15243550	2.82721906	-1.02782443
Pt	1.94642155	1.71583494	-0.08080133
Pt	1.40547952	-0.37231538	1.64277757
Pt	-2.25052996	-0.18073733	-1.10435136
Pt	-1.78154053	-2.67467807	-1.28655137
Pt	-0.75591358	-0.31741239	2.95856250
Pt	-0.57073013	1.37869898	1.09949787
Pt	3.54520734	-0.24596214	0.30039333
Pt	0.41022468	-1.91281289	-0.17705214
Pt	2.31687423	-1.14585229	-1.68936168

13

#5.460:triplet:UNK =	-2.10564208		
Pt	1.22406216	1.03287820	1.26816266

Pt	-1.64677995	-2.48129709	0.01850060
Pt	0.47496004	-1.42448068	-1.31981508
Pt	-1.16976921	1.63697587	-1.82732312
Pt	-1.70497725	-0.81777357	2.42292380
Pt	-1.72971416	-0.84067604	-2.40115557
Pt	2.56862826	-1.97915314	-0.00661692
Pt	3.31893901	0.38846151	-0.01312828
Pt	-1.15119385	1.65424736	1.81936823
Pt	0.48431028	-1.41189242	1.31715979
Pt	-1.76941555	0.07447730	0.00653691
Pt	-0.10341984	3.14511372	-0.01605961
Pt	1.20437006	1.02311897	-1.26855340

13

#5.666:triplet:UNK =	-2.10549996	
Pt	3.51952684	-1.13255098
Pt	0.65263369	1.10470253
Pt	2.23049445	0.75576874
Pt	-1.91961357	1.41677716
Pt	-2.26088582	-1.64245650
Pt	-0.28139139	-1.90839392
Pt	-0.82458974	0.37279407
Pt	0.67661758	2.34345489
Pt	1.52423684	-1.09636469
Pt	-0.86347474	-1.24629928
Pt	-0.24402431	3.26112045
Pt	1.13829130	-1.62716821
Pt	-3.34782113	-0.60138427

13

#5.96:triplet:UNK =	-2.10546016	
Pt	0.22647270	-1.67342369
Pt	0.21985508	-0.69989682
Pt	1.75152697	-1.12622081
Pt	-0.86225944	-2.08136716
Pt	2.59426610	-0.81997990
Pt	-1.83783337	0.04370104
Pt	-1.78147067	0.26757248
Pt	3.01245404	1.12354625
Pt	-1.33794984	2.78232644
Pt	0.84969871	1.09782826
Pt	-2.14482108	-2.47761413
Pt	-1.26520255	2.47971202
Pt	0.57526336	1.08381600

13

#5.262:triplet:UNK =	-2.10512373	
Pt	-0.57157383	-1.11024061
Pt	-0.22158488	2.49734644
Pt	-0.21350368	-1.83062090
Pt	3.42589599	-0.10258375
Pt	-1.60025308	0.74809301
Pt	-2.68412031	2.00404046
Pt	2.12853855	-1.53321993
Pt	0.77435205	0.46178626

Pt	-1.71314168	-0.22722129	-1.43627228
Pt	1.00199401	0.44445660	1.41554500
Pt	2.31465179	2.02337165	-0.16305901
Pt	0.07107540	-1.90814499	-2.35409982
Pt	-2.71233033	-1.46706296	0.69446712

13

#5.663:triplet:UNK =	-2.10508367		
Pt	-1.48212702	-2.08469858	-0.23772287
Pt	1.64560915	-0.93322962	-1.50516241
Pt	-2.57778500	0.03352343	0.75901462
Pt	3.70115342	-0.03710104	-0.29093254
Pt	-1.37669937	-1.60009482	2.37888428
Pt	-0.54939920	0.56788413	-1.46694374
Pt	-0.33180994	0.76806939	1.63516489
Pt	2.27464429	0.28354909	1.84981268
Pt	-0.52862737	-1.72040041	-2.56011108
Pt	-0.47861219	2.72082251	-0.01243407
Pt	1.73064361	1.57583561	-0.34288545
Pt	0.68220060	-1.41300632	0.77728395
Pt	-2.70919098	1.83884663	-0.98396826

13

#5.174:singlet:UNK =	-2.10508309		
Pt	-0.67331547	-1.06287719	3.04668588
Pt	-0.70154125	-0.00581839	-1.62840363
Pt	1.19899760	-2.06221314	-1.10505220
Pt	0.93974135	0.10641021	1.45163385
Pt	2.94792857	-1.32039063	0.57924817
Pt	0.43370084	2.32786647	-1.78522907
Pt	-0.74194174	-1.56242126	0.45201261
Pt	-0.74526501	1.82077460	0.45247706
Pt	1.71331462	2.52924246	0.72729525
Pt	-1.14593818	-2.47638333	-2.00146165
Pt	1.95989866	0.49493589	-0.88397763
Pt	-2.85458909	1.11774031	-0.80484214
Pt	-2.33099089	0.09313399	1.49961352

13

#5.469:quintet:UNK =	-2.10506135		
Pt	-1.05082665	2.73751283	1.30533932
Pt	0.93889722	1.25237896	0.66177835
Pt	-0.02383687	1.12466097	-1.69567800
Pt	-1.15333874	0.19283525	1.56671388
Pt	1.07387212	-0.64869697	2.76796513
Pt	-2.09667429	2.34121803	-0.95140418
Pt	1.89124014	-1.06773284	0.35284129
Pt	-0.07274405	-1.59369673	-1.50573006
Pt	-2.30559820	-0.15439380	-0.67744105
Pt	-2.15265394	-2.67805962	-0.53019025
Pt	2.00728247	-0.29795839	-2.19428378
Pt	-0.35805977	-2.16515712	1.22889139
Pt	3.30244056	0.95708943	-0.32880204

13

#5.329:singlet:UNK =	-2.10499338		
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Pt	-1.75447696	2.50897040	-0.54068784
Pt	1.43021213	-1.18432129	2.12762019
Pt	3.25998174	-0.09943919	0.17761563
Pt	1.31665287	1.29462531	0.89568820
Pt	-2.49817150	-2.34011884	-0.69766749
Pt	-0.81670566	-0.64929509	-1.66429299
Pt	-2.73062151	0.18044546	-0.22836496
Pt	0.41077698	1.57442733	-1.47830039
Pt	2.32893144	0.14008875	-2.22108038
Pt	-0.58133958	-2.45136299	0.96306454
Pt	1.21895855	-1.45730069	-0.51872271
Pt	-0.72199490	2.50483223	1.73154897
Pt	-0.86220360	-0.02155139	1.45357924

13

#5.490:triplet:UNK =	-2.10493212		
Pt	1.37940564	1.83572661	-0.19680610
Pt	-1.76901535	-0.09920434	0.03821170
Pt	-0.61249974	3.24889215	0.46265972
Pt	-1.15988513	1.72995823	-1.52607262
Pt	0.72851332	-0.31464970	-1.71133943
Pt	-1.25887126	-1.30531881	2.26797414
Pt	0.57510068	-2.09844688	0.12538475
Pt	-1.82460849	-2.58757340	-0.42212412
Pt	-1.26187005	1.33235064	1.99544471
Pt	0.87778142	0.08233384	1.57922575
Pt	2.85695671	-1.33303378	0.88616703
Pt	-1.62845093	-0.69799584	-2.44377525
Pt	3.09744318	0.20696129	-1.05495028

13

#5.258:singlet:UNK =	-2.10484019		
Pt	3.23702592	-0.91741501	0.19526584
Pt	-1.17942997	-2.38575442	0.54361113
Pt	-1.41918236	-0.74914802	2.61180285
Pt	-0.39416639	1.23020036	1.10495907
Pt	2.23159165	1.41584875	-0.96829815
Pt	0.85486424	-1.06210920	1.29208837
Pt	-1.09032472	0.08254873	-2.08891053
Pt	-0.67240461	-2.47759835	-1.95079275
Pt	-2.44187773	2.38300792	0.04572886
Pt	-2.24792784	-0.16451699	0.14208700
Pt	2.14000108	1.14459537	1.55707912
Pt	-0.15168896	2.29604617	-1.19318161
Pt	1.13351971	-0.79570532	-1.29143920

13

#5.78:quintet:UNK =	-2.10482701		
Pt	-1.06725615	-2.22157872	-1.24414137
Pt	-2.95120001	0.76595678	-1.17061675
Pt	2.12787617	0.78944037	-1.13254180
Pt	1.36551869	-1.80308050	-0.75255862
Pt	1.90411852	-0.29581037	1.46361741
Pt	-0.04313753	0.54044397	2.93877222
Pt	-0.56930603	-1.21493735	1.08726123

Pt	-1.88588017	1.00985942	1.11788341
Pt	0.46830606	1.89089747	0.78437352
Pt	-0.49005442	0.24682312	-1.50229212
Pt	0.46703423	2.59966130	-1.63820439
Pt	-3.03676809	-1.34207773	0.26619586
Pt	3.71074872	-0.96559776	-0.21774860

13

#5.39:septet:UNK =	-2.10481753		
Pt	-2.01539193	0.60268853	1.35830574
Pt	2.19093640	1.01698442	-0.80262843
Pt	1.85796605	-0.74029330	1.35530161
Pt	1.37674126	-1.53945223	-1.21694993
Pt	-2.92803878	1.04232470	-0.97995331
Pt	-3.04686194	-1.39600735	-0.18075238
Pt	-0.59638553	-1.45777306	0.66169893
Pt	-0.41910369	0.79315525	-1.30106707
Pt	0.68276868	3.03690122	-0.79664743
Pt	-0.13226672	-0.32921012	2.96039320
Pt	3.72091010	-0.97316127	-0.38559618
Pt	-1.05659018	-1.59464335	-1.89774145
Pt	0.36531628	1.53848654	1.22563670

13

#5.732:triplet:UNK =	-2.10472202		
Pt	-2.11954845	2.18290068	1.03958208
Pt	0.31721182	-0.72270873	3.07463894
Pt	-0.03975162	-2.46369956	-1.52302827
Pt	-0.79811899	0.02838560	-1.54637176
Pt	1.84110921	-0.72978002	-1.59346355
Pt	0.98579444	1.92720159	-0.92766180
Pt	-2.50705291	-1.82221237	-1.03113114
Pt	-1.59444879	-0.31209364	0.88211710
Pt	-1.44396100	2.46076609	-1.34944454
Pt	1.83219450	-0.61104303	0.92794198
Pt	3.31505467	1.00812216	-0.41401271
Pt	0.26912590	1.33088328	1.43400963
Pt	-0.05760879	-2.27672207	1.02682405

13

#5.972:triplet:UNK =	-2.10461537		
Pt	1.91520391	-0.17289858	-0.01221707
Pt	0.39301937	-1.41698803	1.69454461
Pt	-0.19856048	0.53821444	-1.78280717
Pt	-1.11507614	2.85766253	-1.36535350
Pt	-1.05868113	0.14341873	2.95404638
Pt	-3.03530211	-0.08492430	1.44559068
Pt	-1.64087447	-1.35315425	-2.64633480
Pt	0.55586072	-1.96975471	-1.51371019
Pt	-1.41427784	-1.29361104	-0.06149952
Pt	3.38469490	1.73611899	0.53762149
Pt	2.16571679	-2.66854473	0.34392976
Pt	-1.08050743	1.41917482	0.73089905
Pt	1.12878392	2.26528614	-0.32470973

13

#5.46:singlet:UNK =	-2.10444184		
Pt	0.84322284	-1.41485063	-1.64325075
Pt	-1.58173675	-2.22170645	-1.89130422
Pt	2.83974422	1.17351477	1.05207162
Pt	-1.90488014	-1.66340627	0.57585093
Pt	2.97107345	-1.23191895	0.25277503
Pt	-1.07871710	0.25587504	-1.48809937
Pt	0.34132344	1.01981694	1.29360783
Pt	2.18821834	0.75633527	-1.39299010
Pt	-0.97050637	-0.74789821	2.88017457
Pt	-2.13654172	0.86316921	1.19090395
Pt	-2.31089279	2.40824637	-0.80561736
Pt	0.26109645	2.29913214	-0.88184153
Pt	0.53859614	-1.49630923	0.85771938

13

#5.218:triplet:UNK =	-2.10438344		
Pt	3.38025677	0.97121741	-0.13503722
Pt	1.14504658	2.15116297	-0.14150402
Pt	0.39365198	0.34285309	1.46262352
Pt	-1.54113255	-0.97893685	2.52996682
Pt	-0.08884475	-2.04079119	-2.24280964
Pt	-1.15921151	-1.64031522	0.11049191
Pt	2.70437734	-0.67110138	1.63562900
Pt	-1.95948083	1.16988979	1.18266857
Pt	1.37542894	-2.00721008	-0.07353970
Pt	1.40594965	0.03229185	-1.54696973
Pt	-3.30448945	-0.30323785	-0.38965713
Pt	-1.11030887	0.30340015	-1.64794011
Pt	-1.24124329	2.67077731	-0.74392229

13

#5.947:triplet:UNK =	-2.10436559		
Pt	3.29544691	-0.88624440	0.52194179
Pt	1.31360839	-0.90314808	-1.15410592
Pt	-0.19126546	-2.92174063	-1.49930184
Pt	-3.34431734	0.19385101	0.66940237
Pt	-1.72804981	2.00368073	-0.02763547
Pt	2.56289475	1.27461827	-0.60597037
Pt	0.51480067	2.75933388	-1.34333976
Pt	-1.24653324	0.12653173	2.28991965
Pt	-2.15966660	-1.37009672	-0.95673291
Pt	-0.69055589	0.52301030	-1.78127369
Pt	0.58585625	1.33263168	0.88047516
Pt	-0.32904362	-1.58783671	0.72900313
Pt	1.41682499	-0.54459106	2.27761785

13

#5.378:triplet:UNK =	-2.10430374		
Pt	-1.56111024	0.20503694	-1.73324850
Pt	2.94790001	-0.86765690	-0.12760510
Pt	-1.19135257	1.40066852	0.60183438
Pt	1.15683865	-2.70195116	-0.34636135
Pt	-1.02992819	-0.04998056	2.78953245
Pt	0.85593737	-0.23099215	-1.36917392

Pt	-1.24874626	2.73464288	-1.57881831
Pt	-3.06527390	-0.22902669	1.21278103
Pt	1.09535677	-0.08205229	1.42726712
Pt	3.00508620	1.52704939	0.81483200
Pt	-0.96334065	-1.58893764	0.68036139
Pt	1.00816708	2.17262376	-0.58067762
Pt	-1.00953427	-2.28942409	-1.79072357

13

#5.667:triplet:UNK =	-2.10427164	
Pt	-2.47685112	-0.21662038
Pt	0.31141833	0.30807399
Pt	-2.68557018	-3.16939706
Pt	-0.23654732	0.27350289
Pt	1.47562384	-0.11879736
Pt	-0.95467939	-2.24071359
Pt	0.07077701	3.26957530
Pt	-0.51884543	-0.56944763
Pt	2.66689995	1.56973272
Pt	-1.84799739	0.15646703
Pt	1.62766331	-1.73644834
Pt	3.44353326	-0.95467939
Pt	-0.87542488	-1.38643270
Pt		0.07077701
Pt		-0.81491933
Pt		1.24097476
Pt		-0.51884543
Pt		0.83474634
Pt		-1.31507373
Pt		1.30377397
Pt		-0.35554546
Pt		1.30377397
Pt		-1.84799739
Pt		-0.15403503
Pt		2.77170978
Pt		-1.31211083
Pt		-0.84012101
Pt		0.49781423
Pt		-1.04800492
Pt		1.70600520
Pt		1.34529116

13

#5.228:triplet:UNK =	-2.10415641	
Pt	0.48680724	0.94147259
Pt	-3.03053221	1.59609174
Pt	-1.65314999	-1.20230404
Pt	-1.39297239	0.42064612
Pt	0.82037896	0.33935715
Pt	-1.34005055	-1.76418522
Pt	2.91215386	2.82326914
Pt	0.73472987	-1.13847567
Pt	0.98484700	-0.04215667
Pt	1.47611586	-1.42431528
Pt	-0.98696046	-0.81137221
Pt	-1.85484111	2.37814542
Pt	2.84347393	1.50395131
Pt		0.97833052
Pt		-1.54681927
Pt		1.04881441
Pt		-0.50744681
Pt		-2.65100732
Pt		-1.31063851
Pt		-1.99330777
Pt		-0.83658331
Pt		1.10187293
Pt		0.69203199
Pt		-0.76842062
Pt		-0.13241541

13

#5.369:triplet:UNK =	-2.10414550	
Pt	-0.41429220	-0.12281451
Pt	-2.95939256	-1.83166990
Pt	0.82441021	0.07638783
Pt	-0.29487507	-1.63430818
Pt	-0.84025441	2.97751698
Pt	-1.17507985	-0.33281152
Pt	1.68629815	-2.10645342
Pt	1.83983570	-0.21111681
Pt	-2.54509911	-1.70466491
Pt	3.31011128	2.45318545
Pt	-1.42750419	0.68520776
Pt	1.08327096	1.39293836
Pt	0.91257109	-1.77371645
Pt		-1.77546008
Pt		-1.02878159
Pt		0.75701583
Pt		-1.23689310
Pt		0.51433527
Pt		-1.11001515
Pt		0.09398583
Pt		1.95695730
Pt		-0.79146132
Pt		1.13665362
Pt		2.01880052
Pt		2.01451088

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#5.89:triplet:UNK =      -2.10413538
Pt      2.27564083      1.72978635      -0.47507928
Pt      -2.10806861     -1.01307047     -0.99225846
Pt      -0.00003680      0.68339078     -1.40802275
Pt      -1.30026624      0.22333511      1.33768277
Pt      2.10576952     -1.01614936     -0.98930392
Pt      3.86355748      0.00541690      0.48448591
Pt      -2.27416455      1.73092052     -0.47179545
Pt      -0.00061595     -1.70790731     -2.33734992
Pt      -0.00248335     -2.00130399      0.19727178
Pt      -3.86307816      0.00666205      0.48592229
Pt      0.00158179     -1.52115547      2.66517198
Pt      0.00133576      2.65541422      0.16652133
Pt      1.30082828      0.22466067      1.33675371
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#5.285:triplet:UNK =     -2.10402861
Pt      1.29239675      0.52571214      2.18586990
Pt      -1.13180528     -1.90170650     -0.17047181
Pt      -0.71972762     -1.23277252      2.44466603
Pt      -2.60726858      1.04781667     -1.11118899
Pt      -0.94657928      0.90452261      0.99536019
Pt      1.21840793     -1.43941370      0.65487823
Pt      -0.97526156      2.91446332     -0.64428416
Pt      -3.05438846     -0.63040675      0.82999001
Pt      2.94930126      1.62239625      0.58927489
Pt      1.03289804     -2.22219197     -1.83635350
Pt      0.87616879      1.19785681     -0.86538033
Pt      -0.72710207     -0.33994214     -2.10037041
Pt      2.79296008     -0.44633422     -0.97199004
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#5.501:triplet:UNK =     -2.10401011
Pt      0.30018448      3.13771292     -0.85860296
Pt      2.84754846     -0.36016999      1.67484397
Pt      1.59412011      1.66640572      0.79001232
Pt      -3.21344290      0.24324329      1.03019278
Pt      -1.27720621     -2.43214859     -1.57318809
Pt      -1.91847320      2.28251428     -0.00460178
Pt      -1.66505407      0.04140511     -1.15729085
Pt      0.68267583     -1.60461946      1.39874649
Pt      3.15404635     -0.38394039     -0.83869857
Pt      -0.62267889      0.53622373      1.23689187
Pt      -1.77139126     -2.02379016      0.87907392
Pt      1.08592357     -1.79955443     -1.12021672
Pt      0.80374774      0.69671797     -1.45716238
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13

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#5.365:quintet:UNK =     -2.10393482
Pt      1.46499266     -0.76924965      0.91598589
Pt      2.16732083     -1.06798388     -1.57705563
Pt      -2.31917935     -2.71947118     -0.12613386
Pt      0.08630545     -2.35450595     -0.83000502
Pt      3.77616886      0.01890410      0.12156708
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Pt	-0.37020782	1.59019847	1.17379919
Pt	-0.27019735	0.05272828	-1.48550545
Pt	-2.56352259	2.18166728	-0.09142134
Pt	-0.34634740	2.59398901	-1.29791147
Pt	1.78814006	1.51226425	-0.48057038
Pt	-1.18196839	-0.82334799	1.28640262
Pt	0.42334519	0.03638449	3.07731008
Pt	-2.65485016	-0.25157725	-0.68646172

13

#5.59:triplet:UNK =	-2.10392390		
Pt	0.49150936	-1.76724944	-0.06005695
Pt	-0.06687217	0.30210220	-1.51470529
Pt	2.98625586	-1.41707023	-0.21519230
Pt	1.52893856	0.07480565	1.42972393
Pt	-2.53887094	0.00548517	-1.23346074
Pt	2.22978437	2.21701884	0.24058188
Pt	-1.88271705	-1.51353150	0.68610554
Pt	-0.09054037	-1.58798331	2.62349997
Pt	-2.70443779	2.04971843	0.26448215
Pt	2.42998912	0.57580794	-1.64307383
Pt	-1.19197952	-2.03769440	-2.07148916
Pt	-0.96031450	0.66679044	1.60435755
Pt	-0.23074493	2.43180020	-0.11077277

13

#5.671:quintet:UNK =	-2.10390674		
Pt	1.91694396	-0.44434294	1.44309221
Pt	-1.82245132	-0.09944424	1.73899926
Pt	-1.92912404	1.86840369	0.04949307
Pt	0.00466535	3.24355337	-0.77450688
Pt	-3.70102553	0.05624030	0.03787998
Pt	1.99157080	-0.99912248	-1.20238115
Pt	3.88440307	0.22718851	-0.01047820
Pt	0.10699502	-2.41127317	-2.08580271
Pt	-2.00555654	-1.08646603	-1.49471176
Pt	0.07383004	-1.19934689	2.95591612
Pt	-0.07713844	0.61080146	-1.05932831
Pt	-0.30577128	-1.54695347	0.34377324
Pt	1.86265890	1.78076188	0.05805513

13

#5.49:triplet:UNK =	-2.10384474		
Pt	2.30306252	-0.38070287	1.33764633
Pt	1.97273625	1.78538336	-0.32757006
Pt	-2.81358913	-0.64462161	-2.02888545
Pt	-0.96083519	-2.01389800	-0.96180293
Pt	0.63067437	-0.09410088	-1.33946076
Pt	-2.47098467	-0.31560573	0.47200626
Pt	-1.42217934	1.35432246	-1.29815037
Pt	3.22718459	-0.39952911	-1.07816417
Pt	-1.73031012	0.09371030	2.84282303
Pt	1.48228579	-2.34749318	-0.23702293
Pt	-0.07980399	-1.39948626	1.62159818
Pt	-0.03729573	1.12092040	1.21933108

Pt	-0.10094535	3.24110111	-0.22234820
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#5.632:triplet:UNK =	-2.10383768		
Pt	-1.35437037	1.37311342	0.46935707
Pt	2.71654861	-1.85343035	0.87434547
Pt	-0.23052409	0.00007287	-1.74378732
Pt	2.70950120	1.85682307	0.87978931
Pt	0.79250321	2.22877238	-0.74538100
Pt	-1.35307233	-1.37619850	0.47104548
Pt	-1.17050870	-0.00078434	2.66132870
Pt	-1.44002605	-2.22852723	-1.93063327
Pt	-1.44293700	2.22676282	-1.93203251
Pt	0.79571368	-2.22698343	-0.74567624
Pt	-3.35107212	-0.00119621	1.30092278
Pt	0.95414209	-0.00176073	1.29831872
Pt	2.37410185	0.00333623	-0.85759719

13

#5.943:triplet:UNK =	-2.10380482		
Pt	-0.96075492	0.07585125	-2.80884160
Pt	3.41302515	1.84186242	-0.51860771
Pt	-1.20766162	-1.78214930	2.53177069
Pt	-1.03760279	1.48388619	-0.64353376
Pt	1.91076738	-0.09270004	-0.31575031
Pt	0.90538960	-2.14863898	1.16486284
Pt	2.23911962	-2.49748136	-1.01551345
Pt	-1.04763674	2.59594358	1.65210686
Pt	-2.13805993	-0.84921594	0.36619502
Pt	0.02865735	0.29013963	1.76394427
Pt	1.17270751	2.24373701	0.47471510
Pt	-0.14663820	-1.50206427	-1.04264867
Pt	-3.13131241	0.34082980	-1.60869930

13

#5.384:triplet:UNK =	-2.10376912		
Pt	-0.14037562	-2.60477020	-1.53598353
Pt	-1.76066044	-0.38737435	2.71186142
Pt	-1.22847516	1.82002702	-1.66035490
Pt	0.54199427	-1.29789540	1.87789527
Pt	-1.45820598	-1.68929592	0.42317478
Pt	-2.21880812	0.75569505	0.40915424
Pt	0.12634105	3.26244523	-0.06119801
Pt	1.92578379	-1.74892324	-0.19639694
Pt	0.41268630	-0.03522722	-1.25930026
Pt	2.01039583	1.56798799	-0.15436413
Pt	-2.06211110	-0.65842360	-1.99722529
Pt	0.06924065	1.15174223	1.43626478
Pt	3.78219454	-0.13598761	0.00647256

13

#5.133:triplet:UNK =	-2.10375904		
Pt	0.77859027	0.45982157	-1.43417528
Pt	3.20675632	-0.23318038	-1.20072794
Pt	-0.89445702	-1.15034735	-2.43217670
Pt	2.15899410	-1.59581707	0.66923690

Pt	0.26722553	-1.76194016	2.48800354
Pt	1.04397727	0.50844598	1.41849878
Pt	-0.27014039	-2.01845576	-0.06062182
Pt	-2.77768319	-1.61607037	-0.59158944
Pt	-1.84655673	0.84410706	-1.11278861
Pt	-0.10830869	2.51112082	0.21423997
Pt	-1.45125736	-0.15016737	1.22401465
Pt	-2.50719646	2.19297136	0.95315193
Pt	2.40005633	2.00951165	-0.13506599

13

#5.1:quintet:UNK = -2.10373731

Pt	-0.81857957	2.34054290	0.44835088
Pt	2.94637550	-0.39103299	-1.28323664
Pt	2.64613144	0.23344438	1.68240964
Pt	0.22100014	-0.52712010	1.59687030
Pt	-1.42532973	1.10238415	2.58962283
Pt	-1.86161075	0.57103468	-0.99732957
Pt	-2.74040469	-1.85900700	-1.19309267
Pt	-0.34967860	-2.26027523	-0.37995929
Pt	-0.18380288	2.31984231	-2.08653505
Pt	1.49132966	1.46376045	-0.21236955
Pt	2.02646150	-2.00640534	0.47707181
Pt	0.40708818	-0.25416552	-1.72535027
Pt	-2.35898019	-0.73300268	1.08354756

13

#5.120:quintet:UNK = -2.10363607

Pt	-0.49317196	-1.04503363	2.73015370
Pt	-0.38156466	-1.79646859	0.30506563
Pt	0.11113386	-1.99140200	-2.25605350
Pt	2.04410006	-1.57592253	-0.49873492
Pt	-2.89861080	-1.29152576	0.41188794
Pt	3.39782932	-0.04377477	0.99902278
Pt	2.32465465	1.98363003	-0.26152046
Pt	-1.69280724	0.74083339	1.36783521
Pt	-2.71242696	1.96551718	-0.63642232
Pt	-1.50592432	-0.12702813	-1.44058356
Pt	-0.21360060	2.26613760	-0.38167970
Pt	1.06707359	0.36484268	-1.74223734
Pt	0.95331506	0.55019453	1.40326654

13

#5.206:triplet:UNK = -2.10360256

Pt	-0.80837095	3.27042777	-0.00715952
Pt	1.61204709	-2.59699056	0.00173169
Pt	1.58199625	-0.39793674	1.34983808
Pt	-0.52934019	-1.14404942	2.52825930
Pt	-0.75185179	1.11208977	1.32078568
Pt	-0.75197191	-1.64546937	0.00250043
Pt	-0.52217292	-1.15419044	-2.52326682
Pt	1.41356658	2.06934467	-0.00204671
Pt	1.58826625	-0.39979944	-1.34766028
Pt	-0.74939151	1.10552923	-1.32508148
Pt	3.49015723	0.60198339	0.00474442

Pt	-2.78723707	-0.40778101	1.27889898
Pt	-2.78569705	-0.41315784	-1.28154376

13

#5.991:triplet:UNK =	-2.10354640		
Pt	-1.51750938	-2.87032891	0.57719467
Pt	-1.22494445	-0.46910236	1.43860618
Pt	3.12454638	-1.43327707	-0.54731734
Pt	-0.12318335	1.79057129	1.62798930
Pt	-0.26263382	-0.11585480	-1.63501434
Pt	0.70392720	-1.62334481	0.27611974
Pt	0.93654554	-0.15790006	2.90285514
Pt	0.54294102	2.20128019	-1.07347281
Pt	-2.22374841	-1.78289050	-1.57817786
Pt	-2.45002042	0.53844676	-0.56325674
Pt	2.21664103	0.48725488	-2.00728995
Pt	1.97765944	0.52978354	0.63576737
Pt	-1.70022077	2.90536185	-0.05400336

13

#5.439:triplet:UNK =	-2.10353472		
Pt	-0.23031708	-2.00221822	-2.44053806
Pt	0.49221629	-1.67775525	0.01901246
Pt	2.88908609	0.80881282	-0.92529083
Pt	-0.00809549	-0.74721983	2.31660542
Pt	-1.27189762	1.03139367	1.08648299
Pt	0.74184101	2.24333487	0.04351545
Pt	-1.97007799	0.59438823	-1.33034562
Pt	1.99218188	0.65128023	1.63473601
Pt	-2.54276770	-1.06920973	1.86653815
Pt	-1.95511741	-1.81192337	-0.51226850
Pt	2.96164287	-1.36248206	0.41671336
Pt	0.50353980	0.31863895	-1.60609118
Pt	-1.60223465	3.02295968	-0.56906965

13

#5.449:quintet:UNK =	-2.10344391		
Pt	-1.10185417	0.27129942	2.40655648
Pt	0.30663635	1.59653594	0.80499325
Pt	1.78647594	0.76806015	-1.14106716
Pt	0.72343560	3.04900425	-1.33584191
Pt	-0.45682184	-1.51043167	0.80677817
Pt	-3.11257448	0.66592632	0.67199028
Pt	3.56930864	-0.20058668	0.45476834
Pt	1.52219709	-0.25522523	2.06649868
Pt	-2.59141106	-1.50295824	-0.52060822
Pt	1.82667521	-1.75822494	-0.48143556
Pt	-0.34003124	-2.85036614	-1.41636768
Pt	-0.57877234	-0.25772646	-1.48590031
Pt	-1.55326369	1.98469327	-0.83036434

13

#5.8:triplet:UNK =	-2.10304275		
Pt	-1.02364659	0.63052418	1.56272349
Pt	3.73188061	-0.40123524	0.11895486
Pt	-0.26923644	-1.68766218	2.59040427

Pt	-0.49585604	-1.34594983	-2.50189982
Pt	0.07954221	2.80184820	0.55104136
Pt	-2.31369451	-1.40972912	0.88159774
Pt	2.18495992	1.60919648	-0.25041597
Pt	-0.03469793	-1.84923423	-0.05757481
Pt	1.84818551	-0.83618655	-1.54962868
Pt	1.43219068	-0.18065180	1.33387830
Pt	-2.30373511	2.04174106	-0.13714998
Pt	-2.64107075	-0.23966557	-1.34741847
Pt	-0.19482156	0.86700459	-1.19451231

13

#5.16:triplet:UNK =	-2.10301771	
Pt	0.88566975	1.27140740
Pt	-1.65902740	0.00217487
Pt	-1.05148827	2.65842662
Pt	0.88409279	-1.27389591
Pt	-1.46477768	-1.27050914
Pt	3.04055571	-1.24446109
Pt	-1.46178918	1.28973819
Pt	-1.05857819	-2.65611183
Pt	-1.46738398	-1.28642533
Pt	-1.46409959	1.27379289
Pt	0.88863912	1.28277857
Pt	0.88419060	-1.28517726
Pt	3.04399632	1.23826200

13

#5.555:quintet:UNK =	-2.10300856	
Pt	2.68341520	-1.36506120
Pt	-3.79492807	-0.31096531
Pt	0.17987120	2.75652556
Pt	-2.09431257	1.57415602
Pt	0.30861648	-1.40655013
Pt	-1.73062696	-1.76260625
Pt	-0.19622845	0.15215486
Pt	1.93630043	0.97315886
Pt	4.35318751	0.46852223
Pt	-2.12840744	-0.23098829
Pt	-0.03793862	1.53989140
Pt	0.74312986	-2.26900978
Pt	-0.22207857	-0.11922796

13

#5.136:quintet:UNK =	-2.10292859	
Pt	-0.54397735	0.77344134
Pt	-3.26056925	-1.21809068
Pt	2.90270027	-0.47653100
Pt	1.50893893	-2.56333688
Pt	2.94316101	0.23816041
Pt	0.64687554	-0.79862505
Pt	-1.05711730	-2.43503883
Pt	-0.65555535	2.05238258
Pt	-1.84338901	0.81247123
Pt	0.27509893	-0.50961879

Pt	1.49878636	1.60831205	-0.50902746
Pt	-1.98731107	-0.37875679	1.24053991
Pt	-0.42764171	2.89523041	-1.58232279

13

#5.123:quintet:UNK =	-2.10280415		
Pt	2.04228197	-0.10374747	-1.94855906
Pt	-0.39949143	-0.74007408	-2.03598678
Pt	0.27176508	-1.85139550	0.13297015
Pt	1.43299522	0.00285645	1.45553695
Pt	-2.08994701	-1.26960905	0.73440869
Pt	-1.16795156	3.09123675	0.38631715
Pt	2.93339051	1.43025659	-0.00954877
Pt	2.82267977	-1.61294979	-0.05331108
Pt	-0.43440632	-1.34736173	2.71958182
Pt	-2.88828619	-1.19582977	-1.68213105
Pt	-0.91951708	1.00028470	1.79787484
Pt	-2.10461781	1.03266503	-0.74264766
Pt	0.50110485	1.56366786	-0.75450520

13

#5.99:triplet:UNK =	-2.10280152		
Pt	-2.21839707	-1.30408955	0.53758217
Pt	0.16962620	1.26809947	1.28229096
Pt	2.68139206	-1.33316680	0.91103250
Pt	-1.63182712	-0.01076539	2.74507090
Pt	0.86295874	2.15744131	-0.98225347
Pt	2.31040255	0.00355660	-1.27492254
Pt	-1.59655413	-2.28081369	-1.71662640
Pt	2.68790220	1.31317488	0.92546857
Pt	0.85430878	-2.14805261	-1.00433707
Pt	-1.58751152	2.30870731	-1.69239289
Pt	-0.48386210	0.01025129	-1.54902519
Pt	-2.21221034	1.30028264	0.54683506
Pt	0.16377175	-1.28462547	1.27127738

13

#5.104:triplet:UNK =	-2.10279843		
Pt	1.52820662	2.09316075	-0.12002854
Pt	0.30009866	0.49860814	1.45437886
Pt	2.34992525	-0.90318337	1.81337910
Pt	-1.09289055	0.29540694	-1.32175107
Pt	1.23745861	-2.22520509	-0.05571005
Pt	-0.15012087	-1.99550856	-2.29637463
Pt	-0.63582173	2.88898235	-1.12062781
Pt	1.42208628	-0.08888010	-1.37070742
Pt	-3.41689087	-0.39083614	-0.06734131
Pt	-1.93208016	-0.53836122	2.18593824
Pt	3.50386615	0.53679633	0.11554402
Pt	-1.84946121	1.63821537	0.71625093
Pt	-1.26437618	-1.80919540	0.06704966

13

#5.61:triplet:UNK =	-2.10277334		
Pt	0.99762151	-2.64475689	-0.73761715
Pt	-0.77507544	1.60291096	0.90210781

Pt	-1.01580870	1.38453489	-1.61755417
Pt	3.04066570	-1.32297125	0.13202363
Pt	-2.70580343	-0.00753010	1.06784508
Pt	-0.77723106	-1.62244110	0.88620608
Pt	-0.98049622	-0.01771001	3.01548594
Pt	1.22453965	0.00980472	-1.30673675
Pt	3.03398560	1.32481670	0.16147899
Pt	0.99613272	2.65724154	-0.70326514
Pt	1.14690726	-0.01385109	1.28356951
Pt	-1.01705443	-1.36139260	-1.62963227
Pt	-3.16838318	0.01134420	-1.45391155

13

#5.360:singlet:UNK =	-2.10248229		
Pt	-0.75208645	2.79449873	0.09087034
Pt	3.07145492	0.00580638	-1.41537475
Pt	0.56782511	-0.38310445	-1.70849504
Pt	-1.16255974	-0.34614592	1.12681109
Pt	-1.65046766	-1.50978402	-2.23369773
Pt	0.59224769	-2.00308729	0.32597036
Pt	-1.84709721	-2.59179605	0.00727564
Pt	2.61355479	-0.65800967	0.98926647
Pt	0.75664888	-0.83247198	2.85949934
Pt	1.42209160	2.02584107	-1.16944236
Pt	-1.65642667	0.76126138	-1.08539279
Pt	-2.85739693	1.57822389	1.07746304
Pt	0.90221166	1.15876795	1.13524640

13

#5.747:quintet:UNK =	-2.10247541		
Pt	-2.70432843	-0.50535681	1.17219801
Pt	1.84674795	1.89477601	-0.14067013
Pt	-0.04161568	3.52035299	0.29048622
Pt	-0.60979837	-1.69798309	0.34070084
Pt	0.64063417	-2.11024534	2.50566304
Pt	2.14856896	-1.64172156	0.47842063
Pt	-2.69854217	0.17661036	-1.28039016
Pt	0.80121712	0.23760720	1.48070283
Pt	-1.49788212	-1.87548927	-2.05286371
Pt	-0.42195851	1.24809449	-1.04900295
Pt	-1.32760946	1.61798811	1.37314283
Pt	3.08536178	-0.02173412	-1.25306729
Pt	0.77920476	-0.84289896	-1.86532017

13

#5.616:quintet:UNK =	-2.10241183		
Pt	0.23095867	3.08798636	-0.98621446
Pt	-0.41607129	-0.25313328	2.97773319
Pt	-0.97710041	-1.46976265	0.64295796
Pt	1.46348201	-0.80555987	1.30562003
Pt	-1.70589387	1.47621302	-1.06771255
Pt	0.19113474	1.44161000	0.97387938
Pt	-2.26608253	0.58543663	1.34981644
Pt	2.20787639	1.53565441	-0.60862162
Pt	-3.34910033	-0.48822134	-0.73069482

Pt	0.21504021	-3.04350461	-1.05754292
Pt	1.60127351	-0.88478654	-1.26143423
Pt	3.70385207	-0.33100797	0.21644081
Pt	-0.89936917	-0.85092417	-1.75422721

13

#5.483:triplet:UNK =	-2.10238745		
Pt	0.87220118	-1.15092786	-1.19686281
Pt	-0.65702485	-0.11263221	2.85335217
Pt	-0.92307078	3.17685631	0.29729013
Pt	-1.59054871	0.69468424	0.42629212
Pt	-0.96993852	-1.71740797	0.76522247
Pt	3.07816509	-1.95847032	-0.13197349
Pt	0.69765141	1.38708884	1.18860958
Pt	-1.55352840	-1.73213864	-1.91430616
Pt	-0.68136428	0.68382567	-1.93398084
Pt	1.39353150	-1.09337772	1.58449439
Pt	2.62037741	0.53830914	-0.56909651
Pt	-3.30663385	-1.14176853	-0.13370313
Pt	1.02018281	2.42595903	-1.23533792

13

#5.155:singlet:UNK =	-2.10233404		
Pt	-0.39011079	-2.08702972	-1.45537449
Pt	0.93695939	0.06086914	-1.40334505
Pt	1.45600588	1.75272888	0.42740046
Pt	3.38864624	0.19059093	-0.52758833
Pt	-1.22925012	1.30836431	-1.64824915
Pt	-2.56520863	-0.83176187	-1.77559762
Pt	-1.40567825	-0.22437646	2.98425332
Pt	-1.02115739	1.16083159	0.85107251
Pt	2.07255106	-0.40386242	1.64004379
Pt	-0.20810421	-1.32279754	0.99070199
Pt	-0.31912259	3.36416366	-0.45556249
Pt	1.96756913	-2.16135411	-0.41795968
Pt	-2.68309971	-0.80636638	0.79020474

13

#5.495:quintet:UNK =	-2.10227810		
Pt	-2.83296298	-0.79386110	0.57054042
Pt	-1.19804215	-0.35412585	-1.60309472
Pt	-2.64994966	1.51488541	-0.65758376
Pt	-0.67388670	-2.27626568	0.22273723
Pt	-0.52917620	3.01769675	-0.45654941
Pt	3.44852653	0.28229262	0.90225003
Pt	1.54998316	1.98642529	0.79159901
Pt	1.19292941	-0.90970339	1.21189678
Pt	0.39243088	-2.29558163	-2.08830292
Pt	0.82979329	1.09727311	-1.45314529
Pt	-1.01226034	-1.21602792	2.55409113
Pt	-0.79253164	0.87464050	1.08366763
Pt	2.27514640	-0.92764813	-1.07810613

13

#5.695:triplet:UNK =	-2.10226999		
Pt	0.80189028	0.08321120	3.02342992

Pt	-0.92255630	-2.33893437	-0.74792604
Pt	1.72030888	1.59029044	-0.65811337
Pt	-0.72320094	1.02383565	1.20823981
Pt	-1.80903019	1.94777820	-0.90941952
Pt	-2.50536428	-0.81381318	0.90950134
Pt	-0.17127350	0.11458468	-1.41022089
Pt	3.46675516	-0.20121503	-1.01757301
Pt	1.47640357	-1.78349180	-1.53059904
Pt	-2.75798202	-0.34844706	-1.57925185
Pt	1.67743220	-0.69567807	0.75165953
Pt	-0.32265968	-1.84365400	1.73834906
Pt	0.06927683	3.26553335	0.22192406

13

#5.251:quintet:UNK =	-2.10223958	
Pt	-1.94955794	-0.37811645
Pt	1.42413158	-1.96904550
Pt	3.57813045	-0.62039986
Pt	-1.40678001	2.02226618
Pt	0.66129099	3.18278906
Pt	2.13959587	1.46381228
Pt	-0.11334073	-1.32158971
Pt	-0.65180281	-2.67799824
Pt	-0.08821586	1.25231646
Pt	-1.93054687	-1.37274271
Pt	1.71586323	-0.30097586
Pt	-3.43732225	0.59087759
Pt	0.05855436	0.12880677

13

#5.276:septet:UNK =	-2.10219753	
Pt	-1.87921360	0.05713055
Pt	-0.13931395	2.94832235
Pt	-0.30988165	-1.93988719
Pt	-0.68199649	0.97331010
Pt	1.83855768	1.54618821
Pt	-1.15026949	-1.42754285
Pt	1.25999575	-0.77431376
Pt	2.08876892	-0.92057685
Pt	3.63966973	-0.14323012
Pt	-2.57433769	2.32948216
Pt	0.23784027	0.92853740
Pt	-2.80169004	-2.13219525
Pt	0.47187054	-1.44522476

13

#5.709:singlet:UNK =	-2.10216106	
Pt	0.19152284	0.29698737
Pt	0.15358534	-1.88296515
Pt	-2.10940789	-2.37104288
Pt	-2.31709715	2.42470730
Pt	2.67829903	0.11432983
Pt	2.54608449	1.84650321
Pt	-0.71993549	1.11262921
Pt	2.65771554	-2.02786621

Pt	0.19984233	2.53236252	-0.34408635
Pt	-2.31505580	0.21276065	-1.40012097
Pt	-0.45074044	-1.08879117	2.88146117
Pt	1.43246143	-0.22184909	1.31923089
Pt	-1.94727422	-0.94776560	0.78674480

13

#5.86:singlet:UNK =	-2.10209974		
Pt	-3.33090493	-1.10790100	-0.21148135
Pt	-0.06469502	0.50095300	-1.60846429
Pt	-0.97715907	-0.94120746	0.79024014
Pt	0.88220658	-2.70326696	0.74157139
Pt	-1.18779357	-1.82528722	-1.59276043
Pt	1.74614439	1.84497769	-0.47848548
Pt	1.41243156	-1.51597037	-1.47475428
Pt	-0.54077799	3.01306009	-0.97376290
Pt	3.35467782	-0.08540271	-0.48175889
Pt	1.51831014	-0.24918576	1.25243878
Pt	-0.26067997	0.05701491	3.04801001
Pt	-2.24283880	1.13841169	-0.32277429
Pt	-0.30892114	1.87380410	1.31198159

13

#5.311:triplet:UNK =	-2.10202526		
Pt	-2.22553442	0.06873607	-0.95782531
Pt	-2.59325689	-0.86796397	1.90143450
Pt	-1.22761333	1.19417377	1.13088163
Pt	0.23719748	-0.04283462	-1.55333648
Pt	1.87528325	-1.54335460	-0.15659533
Pt	0.19330655	-2.57670025	-1.76409852
Pt	2.54780270	1.18324306	-0.92790267
Pt	-0.07659910	-1.07514798	1.38220132
Pt	3.58554302	-0.11254038	1.06308642
Pt	-2.24280160	2.63829666	-0.78492084
Pt	0.26539852	2.32903243	-0.69216669
Pt	1.37598499	1.07650663	1.48926708
Pt	-1.71471119	-2.27144684	-0.13002511

13

#5.597:triplet:UNK =	-2.10201940		
Pt	-1.15725388	1.31909671	-1.13510906
Pt	0.07197543	3.18170670	0.13149965
Pt	0.14096603	-2.58833052	-1.05573527
Pt	-0.08089966	-1.74020175	1.31181258
Pt	3.89014637	0.57713009	-0.44562509
Pt	2.30466258	-0.58739905	1.18451510
Pt	0.15391866	0.85457571	1.21424894
Pt	-1.22923810	-0.21345766	3.08139400
Pt	-2.18843116	-0.38604436	0.71200323
Pt	2.16967101	-1.13628393	-1.26805237
Pt	-1.81610520	-1.12073384	-1.66450484
Pt	-3.67187573	0.54625979	-1.12928656
Pt	1.41246365	1.29368212	-0.93716032

13

#5.939:triplet:UNK =	-2.10201187		
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Pt	-1.74386268	0.00106207	1.04633245
Pt	-2.50648234	2.01237435	-0.37308735
Pt	2.50743092	-2.01128545	-0.37159831
Pt	2.30226946	0.00000165	-1.89374770
Pt	0.00110757	2.47435651	-0.22814390
Pt	-2.50794055	-2.01082398	-0.37135506
Pt	-0.00202359	-1.42789064	2.21450174
Pt	0.00030416	-0.00009229	-0.79187320
Pt	1.74280234	-0.00117735	1.04767960
Pt	2.50847457	2.00992325	-0.37052463
Pt	-2.30160949	-0.00006434	-1.89378948
Pt	-0.00019732	1.42790334	2.21436209
Pt	-0.00027305	-2.47428712	-0.22875624

13

#5.592:quintet:UNK =	-2.10199103		
Pt	-0.10950356	1.19169022	1.61169726
Pt	-3.55391056	-0.25527486	-1.06454267
Pt	0.43998614	-2.73888233	0.24019401
Pt	0.05312728	0.12704228	-1.23218858
Pt	1.89913572	-0.48905958	1.02917094
Pt	1.63800383	1.92286732	-0.41863217
Pt	-0.31710133	3.35143305	0.24808788
Pt	-1.89867789	1.61134936	-0.65871159
Pt	3.58452473	0.37233572	-0.70935052
Pt	-0.10778695	-1.30464380	2.39630539
Pt	1.96874474	-1.48626574	-1.41327108
Pt	-1.52990434	-1.83502688	-1.05068466
Pt	-2.06663781	-0.46756477	1.02192579

13

#5.768:quintet:UNK =	-2.10184307		
Pt	0.69062059	-2.53975314	-1.31758066
Pt	3.59909791	0.54327097	-0.11495679
Pt	-1.70973687	-1.78389370	-0.94670828
Pt	0.24379445	-1.38705064	0.95583315
Pt	2.65387064	-1.83055207	0.29154256
Pt	1.71520052	2.22768210	-0.22963965
Pt	-1.23862519	0.70636966	-1.29293757
Pt	-3.66085973	-0.18055251	-0.74039441
Pt	-0.55953257	3.12776825	-0.91356613
Pt	-2.21616446	-0.32246254	1.33714028
Pt	-0.32626231	-0.07898963	3.01571036
Pt	-0.39756298	1.54858252	1.07878512
Pt	1.20616002	-0.03041927	-1.12322800

13

#5.622:triplet:UNK =	-2.10170052		
Pt	2.74246760	-0.57298849	-0.12750854
Pt	-1.02730138	0.60628428	0.83039517
Pt	-0.23191283	-0.93902287	-1.82334349
Pt	-0.62093490	2.90351124	-0.58050172
Pt	-1.77092952	-1.63335108	1.96308234
Pt	2.36391978	0.21069835	2.28138482
Pt	0.65131050	-1.31341109	1.16007263

Pt	0.95478404	2.09655370	1.32072908
Pt	-0.91833253	-2.79668447	-0.22843704
Pt	-2.51675269	-0.76417554	-0.65322599
Pt	2.14047245	-0.66712648	-2.62346026
Pt	-2.92490673	1.74983196	-0.49164184
Pt	1.15811623	1.11988050	-1.02754517

13

#5.684:triplet:UNK =	-2.10168954		
Pt	-1.47265000	0.94488500	2.02657837
Pt	1.40241253	1.96449222	0.09834023
Pt	-0.87105994	-1.37830379	-2.03638751
Pt	3.51367770	0.81098796	-0.69027658
Pt	-2.12710495	-0.76679486	0.20724907
Pt	-2.96473055	0.14843242	-2.02403374
Pt	0.32630551	-2.28356270	0.18690618
Pt	-0.87635082	2.96604685	0.57986004
Pt	-1.10761592	-1.66214465	2.37379315
Pt	2.73722073	-1.31713815	0.51198963
Pt	0.73125738	-0.05032755	1.44852176
Pt	1.46033674	-0.44778755	-1.56528354
Pt	-0.75169841	1.07121481	-1.11725707

13

#5.180:triplet:UNK =	-2.10167232		
Pt	-0.14594729	-1.40981137	1.16490981
Pt	1.13827961	0.80361416	1.32807815
Pt	2.27865209	-1.46823488	-1.16787098
Pt	3.14042363	0.91835907	-0.25503934
Pt	-0.50406063	2.71605971	-1.75011998
Pt	0.93538520	0.67150478	-1.49794612
Pt	-0.22408400	-1.79621192	-1.32988687
Pt	-1.17744318	0.60360514	2.68675232
Pt	-2.75739136	-1.67779746	-1.42981643
Pt	-1.69912879	0.61418356	-0.87224588
Pt	2.39991284	-1.43414609	1.35966234
Pt	-0.82233875	2.29165107	0.76772866
Pt	-2.56225939	-0.83277578	0.99579433

13

#5.862:triplet:UNK =	-2.10161438		
Pt	-0.50398627	0.59710280	1.45091218
Pt	-1.48253443	0.10143796	-1.84786364
Pt	-1.77633570	1.99366417	-0.20011901
Pt	0.23490615	-1.70303022	0.43374509
Pt	0.24411272	3.40290322	-0.45123168
Pt	0.66161984	-1.14647062	2.89746963
Pt	-3.05523351	0.27342844	1.28818356
Pt	-0.56237383	-2.37043366	-2.07774052
Pt	-2.21930394	-1.60205557	-0.18390321
Pt	3.41160186	0.04270852	-1.05451934
Pt	2.49750417	-0.77534262	1.17161144
Pt	1.59442673	1.44762575	0.18983468
Pt	0.95559621	-0.26153817	-1.61637919

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#5.929:singlet:UNK =      -2.10160839
Pt      -2.03310677      -1.06237446      1.51856194
Pt      -0.06547399      -0.55388855      3.06574211
Pt       0.45421905      -2.67133470     -1.56407116
Pt      -0.34280029       3.13893555       0.60926879
Pt       0.69132338       0.82318734       1.04840899
Pt      -0.73486553      -0.45744243     -1.73286613
Pt       1.45459975       0.80036182     -1.35893212
Pt       0.32034961      -1.70673462       0.79165388
Pt       3.21870576       0.68188318       0.66548415
Pt       2.45249591      -1.39767626     -0.57888885
Pt      -1.76895072       1.04798284       0.13368776
Pt      -3.09962714      -0.93996825     -0.79353999
Pt      -0.54686902       2.29706854     -1.80450937

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#5.791:triplet:UNK =      -2.10154257
Pt      -2.28395864      -0.53386959       0.44991733
Pt      -0.95753742      -2.20308947     -1.15305359
Pt       3.49678239       0.05565502     -1.02540930
Pt       0.07214353       0.71978096       1.37718176
Pt      -0.07553703       0.27406897     -1.48134644
Pt       1.68423780       1.72576980     -0.40282801
Pt       0.18246125      -1.81836326       1.27246221
Pt      -0.15401644       3.14951622       0.62908521
Pt      -1.49211597      -0.72260759       2.84257662
Pt      -2.59217020      -0.24473846     -2.08271690
Pt       2.45700011      -0.59188588       1.23339203
Pt       1.53830774      -1.62479597     -1.01314977
Pt      -1.87559713       1.81455927     -0.64611114

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#5.496:quintet:UNK =      -2.10141901
Pt       3.28234764       1.30425294     -0.39356129
Pt      -1.31951927       3.12814866       0.54263636
Pt      -1.45495663      -1.32747078       0.26173020
Pt      -1.20205539       1.17155193     -1.06705755
Pt       0.88510482      -2.51993700     -0.66069173
Pt      -0.40137871       0.92210643       1.52134971
Pt      -3.18562734      -0.40402554     -1.40141803
Pt       0.98654724       2.31652476     -0.11571093
Pt      -1.59442542      -0.96863874       2.77457488
Pt      -0.84194385      -1.13367251     -2.21923960
Pt       0.70690440      -1.35180093       1.76012289
Pt       1.30975130      -0.01660939     -1.38155541
Pt       2.82925121      -1.12042983       0.37882051

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#5.84:quintet:UNK =      -2.10136376
Pt       0.32034837       1.80422423       0.26598854
Pt       2.38490952       0.16426967       0.47919060
Pt      -1.88847242       0.10832901       0.81258733
Pt       1.70086696       1.64106040       2.40969030
Pt      -2.86021660      -1.80070863     -0.59324102
Pt      -0.74724253      -0.63527762     -1.43014251

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Pt	1.35294478	0.58194150	-2.03589013
Pt	2.84446116	-1.41390066	-1.46073815
Pt	-0.87900926	1.87896108	-2.04319621
Pt	0.28427816	-0.43119389	2.14717301
Pt	-1.23455056	-2.34264564	1.36670521
Pt	0.83680721	-2.07453173	-0.06571788
Pt	-2.11512477	2.51947228	0.14759091

13

#5.746:quintet:UNK =	-2.10132963		
Pt	-1.92563229	2.80932165	-0.09173454
Pt	-1.88466549	0.35760504	0.53561679
Pt	0.32828577	-1.85128815	2.55536533
Pt	3.51940016	-0.89913665	-0.50480530
Pt	-0.18073547	1.30669873	-1.22097865
Pt	1.12424579	-1.45500584	0.17758267
Pt	-3.23779019	-1.32513996	-0.90231941
Pt	-0.89204543	-1.10379394	-1.84824295
Pt	2.20984855	1.19865551	0.04926945
Pt	1.54694874	-0.41109285	-2.14416630
Pt	-1.37748322	-2.10322798	0.69479444
Pt	0.47387254	2.88809772	0.82340365
Pt	0.29575055	0.58830670	1.87621481

13

#5.752:triplet:UNK =	-2.10129487		
Pt	0.30105931	2.42791027	-0.71536779
Pt	2.69004155	-1.00096010	1.85071948
Pt	-1.05036774	-2.71041967	-0.96206562
Pt	-3.13346144	-1.22952416	-0.93249622
Pt	1.02259444	0.82633559	1.11226713
Pt	0.67983210	-0.87028375	-1.37307645
Pt	0.75685694	-2.21942269	0.81800423
Pt	-1.11828854	1.13368299	2.40494582
Pt	-1.86577112	2.69128240	0.57420910
Pt	-1.41617002	0.62294985	-0.94802632
Pt	1.73484522	1.24542608	-2.43848676
Pt	2.85752683	0.08377524	-0.45900498
Pt	-1.45869755	-1.00075206	1.06837835

13

#5.110:quintet:UNK =	-2.10125084		
Pt	1.36739716	-2.02249825	2.20666769
Pt	-0.36778709	-1.58996564	-2.54440993
Pt	-3.04069786	1.27439737	-0.74817179
Pt	0.16539751	-2.22789368	-0.04366234
Pt	1.68212434	-0.57026093	-1.23656797
Pt	3.43907846	1.26840237	-0.91070198
Pt	1.26414974	2.25468659	-0.03858484
Pt	2.31552476	0.10559723	1.12793604
Pt	-0.24654189	-0.13167504	1.61725903
Pt	-0.52797409	0.71323691	-1.17611484
Pt	-2.14138088	-1.19926488	-0.67823342
Pt	-1.10113162	2.15034947	0.91512322
Pt	-2.80815853	-0.02511152	1.50946114

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#5.18:triplet:UNK = -2.10122457
Pt -3.03945416 -1.64227643 -0.96333042
Pt -1.28024546 0.18521202 -1.44024736
Pt -0.79331304 2.69437790 -1.69785662
Pt -1.03307149 2.11440547 0.75822839
Pt 1.89370873 -1.38486710 -1.30006662
Pt -0.49840746 -2.20271750 -1.03777923
Pt 2.38943939 -1.41715165 1.18429395
Pt 1.12226425 1.01299330 -1.52080746
Pt -0.78212469 0.68785225 2.90727476
Pt 3.40572206 0.63749014 -0.25005327
Pt 1.13148013 0.88525422 1.05187511
Pt -2.36018868 -0.20951935 1.00657258
Pt -0.15580959 -1.36105329 1.30189619
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#5.617:triplet:UNK = -2.10115303
Pt -1.24560204 1.01015701 2.57862471
Pt 0.39603226 0.56655195 -1.52637137
Pt -1.99606201 0.28032977 -2.42356220
Pt -1.33461276 -1.48944248 1.44015340
Pt 0.20316215 2.52224231 0.99316398
Pt 0.82044708 0.11116614 1.27432939
Pt 3.30570577 -2.05122015 -0.01072481
Pt 2.67712143 0.31826513 -0.40406802
Pt 1.79220453 2.65052413 -0.97181440
Pt -3.14554740 -0.97189430 -0.38908366
Pt -0.70146461 -1.68011490 -1.21540071
Pt 0.94355388 -2.34244400 0.58638836
Pt -1.71493828 1.07587938 0.06836532
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#5.48:quintet:UNK = -2.10111879
Pt 0.90387189 -1.33192211 1.02922116
Pt 2.51909052 -1.76923913 -0.98672285
Pt 2.97224779 0.13656146 0.90203679
Pt 1.83885616 0.75308050 -1.46735466
Pt -0.62810254 -0.78346071 2.98966579
Pt -2.25631191 -2.05914171 -1.52625478
Pt -1.87693421 0.49164561 -1.56316886
Pt -1.61408248 -1.97124541 0.93811704
Pt -0.17413483 2.37224738 -1.46685945
Pt 0.90340458 1.62008326 0.90105872
Pt -1.20299299 3.06080408 0.78148789
Pt -1.48381985 0.53329856 0.94135239
Pt 0.09890786 -1.05271177 -1.47257919
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#5.201:quintet:UNK = -2.10104696
Pt 0.75337459 0.71002125 1.51336448
Pt -0.46610565 -2.06729176 0.09319779
Pt 0.08349333 2.99421542 0.51212029
Pt -2.39611543 2.41270536 0.23893108
Pt -2.95620086 -1.75252012 -0.39110214
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Pt	-1.65606183	0.06331306	0.90219424
Pt	2.01563548	1.63682208	-0.50036108
Pt	3.51701577	-0.40600116	-0.78347891
Pt	1.94211057	-1.43620602	0.95346076
Pt	-1.29544162	-1.07407305	-2.24206815
Pt	-0.03266501	-1.55154165	2.59971931
Pt	-0.65357515	1.17123925	-1.21143752
Pt	1.14453581	-0.70068266	-1.68454015

13

#5.623:quintet:UNK =	-2.10101449		
Pt	2.11084909	1.62801939	-0.67211666
Pt	-0.71348770	-1.66325133	0.49377618
Pt	-0.10922168	0.58423659	-1.36914827
Pt	-2.33577739	1.50813789	-0.71669466
Pt	3.48704425	-0.50223034	-0.58281686
Pt	1.78138135	-1.09942935	1.20278247
Pt	-0.10587164	2.99354494	-0.27144862
Pt	-0.07727674	-0.91970106	2.94804439
Pt	-3.10619211	-0.97359999	-0.41891360
Pt	0.66463513	1.17838718	1.40608212
Pt	-1.75998702	0.43978390	1.50263422
Pt	-1.15845157	-1.64566819	-2.05685706
Pt	1.32235603	-1.52822962	-1.46532366

13

#5.430:triplet:UNK =	-2.10093903		
Pt	-0.44605646	1.01209463	1.42579882
Pt	3.01280811	-0.75379540	0.51413460
Pt	1.46956213	-2.47835061	-0.71623988
Pt	0.71711729	-1.27870036	1.57000051
Pt	-3.13959612	-0.84645664	-1.53639925
Pt	-1.31621383	-0.76238078	3.02455587
Pt	-0.69575491	-1.58188827	-1.78694994
Pt	-1.67188161	2.99792835	0.28083488
Pt	-1.60885979	-1.30127863	0.53394143
Pt	1.23578282	0.04323826	-1.29653450
Pt	0.70617043	2.41794394	-0.36379217
Pt	-1.35297479	0.93292468	-1.17304957
Pt	3.08989674	1.59872085	-0.47630080

13

#5.377:triplet:UNK =	-2.10093176		
Pt	-2.19947660	-0.22047993	0.91735532
Pt	-1.68933005	-1.05203069	-1.74467910
Pt	0.32463572	0.34331823	-1.37927009
Pt	0.90250397	-2.12057070	-1.06511116
Pt	-1.18278110	-2.54435173	0.35705922
Pt	1.27893736	3.03896579	0.58906603
Pt	-3.00264610	1.07093521	-1.10427014
Pt	-0.24859060	1.22170430	1.60505725
Pt	2.52431504	1.10138713	-0.45694874
Pt	-0.87947699	2.38735487	-0.63803321
Pt	-0.53568317	-1.29773569	2.56293807
Pt	3.29943404	-1.32010498	-0.69033220

Pt	1.40815849	-0.60839181	1.04716876
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13

#5.594:triplet:UNK =	-2.10089535		
Pt	0.98633128	1.66215881	1.99217018
Pt	1.17054451	-1.19799994	1.59621117
Pt	2.52177286	0.53723861	0.18853832
Pt	-1.00804523	-2.21300033	2.38136793
Pt	2.07370613	-1.94495337	-0.67644602
Pt	0.35439859	1.27952076	-0.87186739
Pt	-2.04243228	-1.76088711	0.08108243
Pt	-2.57609177	-0.33781198	-1.95342099
Pt	-2.08975860	1.70241073	-0.48854748
Pt	-0.32926284	3.30595681	0.54208068
Pt	-0.16094550	-1.13868355	-1.56362256
Pt	2.03989411	-0.04934944	-2.45345031
Pt	-0.94011126	0.15540002	1.22590405

13

#5.438:quintet:UNK =	-2.10087030		
Pt	3.28088092	-1.21972529	0.36297512
Pt	-0.44727543	2.68378523	-1.40208524
Pt	-1.15554424	1.89774315	1.08233669
Pt	0.42341088	0.14157380	-1.60747104
Pt	2.93000560	0.65167209	-1.26731326
Pt	-1.30562871	-1.99847787	-1.50182426
Pt	1.33502166	-0.45307525	1.80913750
Pt	-2.07512694	0.73365461	-1.07028713
Pt	1.03070829	-2.05977109	-0.51054786
Pt	-1.08952866	-1.04407658	0.92079780
Pt	-3.38403642	-1.25133342	-0.18327217
Pt	-0.74587101	0.31437980	3.03375504
Pt	1.20298407	1.60365081	0.33379882

13

#5.708:triplet:UNK =	-2.10086487		
Pt	-2.45515034	0.76178794	-1.09970916
Pt	-0.69730936	1.20133442	0.75174550
Pt	-2.76874957	-0.21977432	1.34952521
Pt	1.26637274	-0.38092045	-1.65015234
Pt	1.37945351	-1.14943577	0.74740640
Pt	-1.01049857	2.84756446	-1.23247139
Pt	-1.10402008	-1.19497041	-1.98001628
Pt	3.28179958	0.40888050	-0.18661649
Pt	0.72362524	-2.91816662	-1.09952146
Pt	1.29295118	1.97168227	-0.68915447
Pt	-0.43146809	-0.52782576	2.66847994
Pt	1.59690230	1.07051617	1.96117141
Pt	-1.07390854	-1.87067244	0.45931312

13

#5.852:triplet:UNK =	-2.10086435		
Pt	2.57979106	0.28545198	-0.79046176
Pt	-1.33333992	-0.68885343	-2.79478061
Pt	1.12184146	1.63564985	0.90402707
Pt	3.46991533	-1.94337993	-0.19787424

Pt	-0.99686138	2.49677141	2.00763913
Pt	-0.60914787	-2.54271459	1.93302994
Pt	-1.05448833	-1.63560220	-0.42174821
Pt	-2.18270143	1.05381380	0.28180465
Pt	1.25332003	-1.34174147	0.70709949
Pt	-0.05874548	0.71859939	-1.13659895
Pt	-3.28982556	-0.62693830	-1.20678573
Pt	-0.59510772	-0.01798264	2.09574533
Pt	1.69534981	2.60692612	-1.38109611

13

#5.825:septet:UNK =	-2.10085976		
Pt	-1.13963722	1.71218885	1.20348590
Pt	-2.27601850	-0.66428730	0.54693274
Pt	-0.65338929	-2.25994120	-0.91883274
Pt	0.28670705	-1.26114957	1.50253198
Pt	-2.64976163	-1.08887963	-1.93672504
Pt	2.60669523	-0.30033555	1.15263411
Pt	1.24522531	1.70119630	0.30617648
Pt	-0.49083151	3.26674150	-0.69662521
Pt	0.89137580	-0.32387935	-1.28600207
Pt	-1.32524705	1.01330776	-1.47559515
Pt	-1.46274145	-0.12259390	2.89589278
Pt	3.17493786	0.83722011	-1.10555163
Pt	1.79268541	-2.50958803	-0.18832214

13

#5.337:quintet:UNK =	-2.10076330		
Pt	3.68802438	-0.62268052	-0.64280406
Pt	-2.07563357	2.70864188	-0.12647817
Pt	0.29587715	0.66706175	1.88008812
Pt	-1.88159199	0.28744541	0.60002814
Pt	-1.10935423	-1.14492323	-1.96361343
Pt	1.47143514	-1.33200369	0.43171165
Pt	-0.31524204	1.18437422	-1.24644259
Pt	-1.00107160	-2.07503812	0.46720969
Pt	2.14518661	1.30353043	-0.13593649
Pt	0.31109106	-1.75877788	2.65379160
Pt	0.35248515	2.89342631	0.68379544
Pt	-3.29162258	-1.47945034	-0.60316084
Pt	1.41041650	-0.63160622	-1.99818906

13

#5.835:singlet:UNK =	-2.10070405		
Pt	2.47298772	0.44440090	-0.79233027
Pt	2.83501994	-2.07361003	-0.56985533
Pt	0.56546621	-1.10398142	-1.35138821
Pt	-3.15226465	-1.30284814	0.13190434
Pt	-1.89261532	-1.35190865	-2.06123628
Pt	-0.99622511	3.06290115	0.39953079
Pt	1.04639258	2.51784864	-1.19432587
Pt	-1.46539044	0.53544702	0.70936793
Pt	-0.23511192	-0.15252774	2.96817825
Pt	-0.88775571	0.96171475	-1.71706918
Pt	-0.73365375	-1.85837153	0.83259078

Pt	0.82823342	1.42882276	1.20181413
Pt	1.61491702	-1.10788769	1.44281892
13			
#5.172:triplet:UNK =	-2.10064599		
Pt	1.01193423	-2.38003405	2.17975853
Pt	1.19425034	-0.98695164	-1.95784392
Pt	-1.78130880	0.45695761	0.72600072
Pt	3.26541461	0.34862644	-1.28247879
Pt	1.81875593	-0.43773619	0.70516262
Pt	-0.27759138	2.39556836	1.52216032
Pt	-2.87044265	-1.65404024	-0.12862431
Pt	-0.34832777	-1.91453453	0.08551202
Pt	-0.36889974	0.90711487	-1.43676481
Pt	1.56737873	1.91740894	-0.16209531
Pt	-1.91560195	2.70658500	-0.48878183
Pt	0.06857949	-0.02140139	2.46135019
Pt	-1.36414104	-1.33756318	-2.22335541
13			
#5.545:triplet:UNK =	-2.10056803		
Pt	1.09435263	-0.06370531	1.52838036
Pt	-1.54207097	0.87857808	-0.65010724
Pt	1.05319098	0.83594300	-0.86000705
Pt	-0.35094116	2.33892504	-2.42541894
Pt	3.28388740	-0.11035606	0.12951008
Pt	-2.68447122	-1.21927859	-1.39383307
Pt	-0.37243906	-1.88644273	-0.47436126
Pt	0.00263482	2.03284509	2.48058643
Pt	1.77210884	-1.40409277	-1.79316955
Pt	-2.51201051	-2.03585369	0.96082629
Pt	-1.46821715	0.08545653	1.76260655
Pt	-0.14688753	2.86423393	0.08257131
Pt	1.87086293	-2.31625252	0.65241611
13			
#5.362:triplet:UNK =	-2.10047210		
Pt	-0.65875126	0.82942912	2.78612061
Pt	1.29751098	-2.28913133	-0.66563038
Pt	-0.12979823	2.84518703	-1.72848195
Pt	-1.98266143	1.28646078	-0.79064972
Pt	-2.78659569	-1.20604082	-1.23960815
Pt	-0.28768207	-0.45087788	-1.30572785
Pt	0.49638928	-0.86084475	1.29224830
Pt	-0.27626840	2.33318338	0.78743749
Pt	2.80502602	0.15027943	1.29352485
Pt	1.52806724	1.22021844	-0.63958888
Pt	-1.10257103	-2.74328347	0.12944684
Pt	3.23698831	-0.68400970	-1.05678443
Pt	-2.13965371	-0.43057022	1.13769326
13			
#5.714:singlet:UNK =	-2.10042919		
Pt	-1.62800814	0.21534924	-2.88046386
Pt	1.93194330	1.27817350	-0.50580921
Pt	-0.20625324	-3.07858403	-0.70099536

Pt	0.33542577	-0.62497275	-1.46190941
Pt	1.64555667	-1.63396685	0.48256660
Pt	0.41270268	3.05858035	0.69707964
Pt	-1.77227994	1.32143998	0.61307442
Pt	-0.47194284	1.97277288	-1.46972309
Pt	-2.00874993	-0.94525219	-0.58920934
Pt	0.47465378	0.54623173	1.45660894
Pt	-1.59817302	0.10503814	2.90001845
Pt	-0.83523092	-1.84500891	1.47569353
Pt	3.72035582	-0.36980109	-0.01693131

13

#5.470:septet:UNK =	-2.10042449		
Pt	-0.98514089	-1.29488291	-2.10106122
Pt	-2.62521727	-0.05209799	0.25677063
Pt	-2.64198364	2.46119352	0.06094775
Pt	0.84296973	-1.81027364	2.57158568
Pt	-0.36361625	2.68679518	1.16401549
Pt	2.28743581	-0.68648402	0.83194472
Pt	3.65852359	0.48951418	-0.97106113
Pt	1.68652469	1.83175736	-0.06544777
Pt	1.34709174	-0.34414498	-1.74037670
Pt	0.12491684	-2.08898788	0.13330713
Pt	-0.72585156	1.16347906	-1.13814835
Pt	-0.25779957	0.15353738	1.25569167
Pt	-2.34785321	-2.50940526	-0.25816792

13

#5.951:triplet:UNK =	-2.10041466		
Pt	2.74158965	2.06425362	-0.58434852
Pt	-1.54296576	-1.78252108	-1.85185252
Pt	2.08626849	-2.72100741	0.58939110
Pt	0.42397662	1.31906888	-1.27867519
Pt	-2.08428238	-0.03307573	1.22079371
Pt	0.04884207	-1.38659216	1.27803555
Pt	1.13150501	0.93852516	1.17861445
Pt	0.83239872	-1.21381586	-1.17931996
Pt	-0.99986817	2.12943970	1.85346809
Pt	-1.99579105	0.59506613	-1.22291236
Pt	-2.16904310	-2.46098152	0.50873965
Pt	-1.41462384	2.95483545	-0.50714651
Pt	2.94199374	-0.40319517	-0.00478750

13

#5.112:triplet:UNK =	-2.10037470		
Pt	-2.23865502	1.67782270	-0.54108677
Pt	0.13248487	1.08769831	-1.13829528
Pt	1.66141641	-1.62972434	0.65502119
Pt	-1.48061651	-0.59233309	-2.25287926
Pt	0.03173078	2.77696774	0.79506367
Pt	-1.52548853	0.27003685	1.44911387
Pt	-3.28384561	-0.78628306	-0.21281580
Pt	2.30890303	1.65893808	-0.08683211
Pt	3.33053549	-0.52362878	-0.92045045
Pt	1.07169999	-1.06410643	-2.00307429

Pt	-0.86390091	-1.68471011	-0.02670955
Pt	1.00600535	0.52243706	1.76031431
Pt	-0.15026936	-1.71311496	2.52263047

13

#5.188:singlet:UNK = -2.10032305

Pt	-1.81566153	1.42963426	2.40169160
Pt	0.24300835	0.00556009	1.97788447
Pt	-3.09767294	-1.16202094	-1.40894307
Pt	1.93080993	1.32483578	-0.78091936
Pt	0.08714587	2.63099299	-2.00567576
Pt	-0.09562334	2.11978154	0.56777957
Pt	2.73729067	0.00047283	1.29478235
Pt	-2.02467347	-0.64400733	0.91287743
Pt	2.99784365	-1.18460895	-0.99018675
Pt	1.15624042	-2.16204812	0.79904011
Pt	-1.08635159	-2.52273352	-0.50262353
Pt	0.48271559	-0.66860692	-1.19014207
Pt	-1.51507160	0.83274828	-1.07556497

13

#5.950:quintet:UNK = -2.10032073

Pt	0.14893365	0.47720466	-1.66040433
Pt	-0.74846909	-1.43784572	0.78251048
Pt	2.29507510	1.24855995	-0.46065257
Pt	0.35525665	2.86551436	-0.81987165
Pt	-1.19357982	-1.79020451	-1.74805485
Pt	-0.03639352	1.25154850	1.18734485
Pt	-0.16432092	-0.47815879	3.05449103
Pt	-2.20564003	0.41020152	-0.69647578
Pt	-1.95933790	2.67647806	0.31391695
Pt	-3.15398732	-1.84782431	0.04875381
Pt	1.31626170	-1.74097193	-1.10095079
Pt	3.60346784	-0.93490985	-0.31922271
Pt	1.74273365	-0.69959194	1.41861556

13

#5.664:triplet:UNK = -2.10026031

Pt	0.01175284	3.33454527	-0.29638709
Pt	-1.08660439	-0.44692393	1.33968254
Pt	3.35038338	-0.33260262	-1.15953124
Pt	-3.23551183	-0.63287268	-0.24576076
Pt	1.19873704	0.54521678	1.59713858
Pt	1.76431478	1.57276273	-0.62660838
Pt	-1.51723376	-0.28481161	-2.35779677
Pt	0.80823125	-0.73362737	-1.40165131
Pt	2.08260210	-1.60414618	0.65388282
Pt	-0.73551277	2.18282893	1.90526348
Pt	0.02936342	-2.77708291	1.59143989
Pt	-1.56269439	1.34097294	-0.39745531
Pt	-1.10782766	-2.16425934	-0.60221645

13

#5.405:triplet:UNK = -2.10020414

Pt	-1.56828444	-0.99957908	2.83944054
Pt	-2.53271515	-0.95380610	0.47998790

Pt	0.06682841	-1.55234110	0.97933977
Pt	-0.75185376	-1.62895226	-1.65600568
Pt	3.31481006	0.28142012	-0.89624313
Pt	1.71918823	-2.02333306	-0.99206454
Pt	0.78427986	0.35241350	-1.38487712
Pt	2.45981775	-0.83497500	1.31758067
Pt	1.60563462	1.50605356	0.74783092
Pt	-1.26966413	1.76387735	-1.17981694
Pt	-2.76969780	-0.12308818	-1.92275454
Pt	-0.90915130	0.88467641	1.17852077
Pt	-0.14919235	3.32763384	0.48906138

13

#5.561:triplet:UNK =	-2.09983033	
Pt	-3.06978354	-1.36036351
Pt	3.52986582	-0.33004973
Pt	-0.35429443	-3.04492235
Pt	1.62924836	-0.84859892
Pt	0.63984278	0.05117640
Pt	1.83202046	1.40399794
Pt	-2.19553614	0.97792928
Pt	0.30451984	1.24025803
Pt	-0.78194398	-1.34153597
Pt	-1.04059770	3.20556723
Pt	-0.50303333	1.84351607
Pt	-1.22647019	-0.76856333
Pt	1.23616205	-1.02841116

13

#5.409:quintet:UNK =	-2.09980659	
Pt	1.89153657	-1.47632160
Pt	-1.81467656	1.78762903
Pt	-0.48138381	-0.65908891
Pt	-1.08542911	-2.99808793
Pt	0.55475804	0.85165158
Pt	-0.86926190	1.90086272
Pt	1.14623147	2.94207809
Pt	-1.82292353	-0.56658652
Pt	-0.40150876	-1.41870571
Pt	1.68353221	0.86107030
Pt	-2.76294855	0.39539575
Pt	2.90249199	0.01592476
Pt	1.05958195	-1.63582157

13

#5.26:singlet:UNK =	-2.09979104	
Pt	1.42336652	-1.15532768
Pt	-0.98471753	-1.72220158
Pt	1.56867801	-1.60930322
Pt	2.27007740	1.52712126
Pt	-2.11284492	1.46844033
Pt	-3.22644856	-0.81592990
Pt	-0.28975580	-0.75088056
Pt	0.05206657	2.96884096
Pt	-1.02167806	-1.63128522

Pt	-1.89820641	0.59103441	1.40576216
Pt	0.12370618	0.48296494	-1.39116649
Pt	3.56052832	-0.61027953	-0.15774300
Pt	0.53522830	1.25680579	1.39679419
13			
#5.541:quintet:UNK	=	-2.09973932	
Pt	-0.99043089	-2.32317217	-2.21407423
Pt	3.20528164	0.85993942	-0.96116705
Pt	2.86170969	-1.00474097	0.78476751
Pt	1.61686869	1.38227117	0.98730023
Pt	0.53534175	-1.00034336	1.86681054
Pt	-0.10015178	2.87629643	-0.23807137
Pt	-2.55334767	2.19009626	-0.54183704
Pt	-1.90294043	-0.99308691	2.56207260
Pt	-1.77409384	0.02869630	-1.58355644
Pt	-1.08663495	0.99035810	1.19600824
Pt	-1.50632048	-1.81035903	0.21906548
Pt	1.04268736	-1.82050814	-0.79541605
Pt	0.65203091	0.62455289	-1.28190242
13			
#5.260:triplet:UNK	=	-2.09972686	
Pt	-1.78309463	-2.00870771	1.26238312
Pt	3.08243549	-0.76268819	1.25125215
Pt	-1.24562888	0.46611591	-1.28929864
Pt	-1.24676566	0.45447266	1.29060079
Pt	1.37759010	1.09983754	-1.27378095
Pt	-0.42108474	2.83825272	1.26515139
Pt	0.70123047	-1.60014251	1.25345669
Pt	-3.41498587	-0.08261285	-0.00334651
Pt	3.08035294	-0.75685951	-1.25705944
Pt	0.69813873	-1.58958635	-1.26017173
Pt	1.37539768	1.09015734	1.27909358
Pt	-1.78614685	-1.99729988	-1.26812911
Pt	-0.41743876	2.84906081	-1.25015134
13			
#5.645:triplet:UNK	=	-2.09970988	
Pt	-0.24359686	1.09459881	1.32352918
Pt	0.87471887	-1.17409936	1.13109697
Pt	0.81367130	2.18740679	-0.69851420
Pt	3.04312762	1.10099619	-0.99827668
Pt	1.84868308	-1.14582573	-1.22369843
Pt	-2.48700528	1.00811229	-0.48362527
Pt	-1.79965430	-1.21293020	0.83459697
Pt	-2.62550547	-1.32013093	-1.58493772
Pt	-0.72959760	-0.71956329	3.06716498
Pt	3.32130985	-0.54707953	0.92309192
Pt	-0.36046693	0.09452800	-1.50694778
Pt	-1.36004293	3.14405321	0.24753500
Pt	-0.29564135	-2.51006624	-1.03101496
13			
#5.402:singlet:UNK	=	-2.09965489	
Pt	1.18952327	-0.31687594	1.86524074

Pt	-0.98075750	-0.99527025	0.74004801
Pt	-0.80076825	3.07384865	-0.94580477
Pt	0.66293252	-2.97257837	0.16415586
Pt	0.98267831	0.09462901	-1.53096251
Pt	-3.04434225	-1.27214751	-0.78947093
Pt	-1.60451398	0.74159852	-1.52757212
Pt	-1.41348506	1.64871582	1.09089026
Pt	3.18902773	1.14602917	-0.75073178
Pt	-1.02943435	0.08821500	3.05840794
Pt	2.51660918	-1.24803919	-0.06325207
Pt	-0.66939946	-1.76649303	-1.70405066
Pt	1.00192985	1.77836811	0.39310202

13

#5.179:triplet:UNK =	-2.09965220	
Pt	-1.77104886	-2.58030692
Pt	0.79684204	1.13729883
Pt	2.28044024	0.64072275
Pt	0.92096563	2.71688497
Pt	-2.28169986	-1.13903418
Pt	2.82527131	-0.35961194
Pt	0.16739981	-0.69686881
Pt	2.37289234	-2.02159645
Pt	-1.59083040	0.21888364
Pt	-1.65781866	-0.11834337
Pt	-1.26773599	1.39142258
Pt	-1.36633743	2.40248948
Pt	0.57165983	-1.59194058

13

#5.91:triplet:UNK =	-2.09962610	
Pt	1.44880467	-1.11466486
Pt	-1.76001387	0.13123150
Pt	3.66383066	-0.47739341
Pt	-2.24453174	1.65143490
Pt	1.57011645	-1.29287409
Pt	-3.28289552	-0.69138005
Pt	0.43117854	1.24463630
Pt	2.13510257	1.51961877
Pt	-0.02459601	3.01990274
Pt	-0.05241933	0.67477739
Pt	-0.83379513	-2.11642134
Pt	-1.02762496	-1.55971450
Pt	-0.02315634	-0.98915335

13

#5.843:singlet:UNK =	-2.09957772	
Pt	-1.18698804	-1.22611093
Pt	-1.97074608	-0.59449819
Pt	1.72120352	0.15534070
Pt	2.61816223	1.23057655
Pt	-1.80229321	1.94406266
Pt	1.02168780	-1.77665326
Pt	-1.04647153	-2.93701022
Pt	-3.22744196	0.40310839

Pt	-0.63441837	1.20324544	1.27273217
Pt	0.66205456	2.86683157	-0.45713225
Pt	3.47981634	-1.10442639	-0.25269483
Pt	0.01293386	-0.57955816	3.00859892
Pt	0.35250088	0.41509182	-1.48411913

13

#5.74:triplet:UNK =	-2.09950532		
Pt	1.03715331	-1.47019760	-1.26532806
Pt	-1.62705668	0.98096095	1.01713979
Pt	0.25852000	2.63267338	0.47277536
Pt	-1.34067736	-0.58405247	2.98584017
Pt	2.21294986	1.14153300	1.15353184
Pt	-1.78568318	-1.79917057	0.78045188
Pt	2.77752462	0.45150634	-1.23463388
Pt	0.28741528	0.97920697	-1.49397793
Pt	2.87079578	-1.43896806	0.69498674
Pt	-2.00402535	-0.13245992	-1.44463581
Pt	-1.89451242	2.41030637	-1.15793297
Pt	0.43639356	-0.64988635	1.10449398
Pt	-1.22879742	-2.52145204	-1.61271109

13

#5.807:triplet:UNK =	-2.09939235		
Pt	0.08269652	3.10759747	0.05562948
Pt	3.43143746	0.44776530	-0.85896931
Pt	1.80621173	-0.87488677	0.64023050
Pt	-2.88931883	-1.70775393	-0.13117627
Pt	0.86421948	-0.91183505	3.01152768
Pt	-1.42497821	0.24944176	-1.58832191
Pt	-0.49678780	-1.92192275	1.08077680
Pt	-1.65560564	0.30698880	0.93119519
Pt	1.71523723	-1.24983693	-1.85424403
Pt	0.52513938	1.27188088	1.73684688
Pt	-0.65027785	-2.16506997	-1.46905762
Pt	0.93979791	1.05625943	-1.11708094
Pt	-2.24777138	2.39137176	-0.43735646

13

#5.472:quintet:UNK =	-2.09934398		
Pt	1.38794253	-2.86386267	-0.13694823
Pt	2.21360229	-0.70569695	-1.17538998
Pt	-0.53601256	0.58977922	1.63369218
Pt	3.16543108	1.65361867	-0.84827701
Pt	-2.48235657	0.95096967	-0.88790336
Pt	-0.13522346	0.20527965	-1.36280153
Pt	-2.08337495	-1.30459368	-2.11104898
Pt	-1.51594793	2.73396039	0.65498934
Pt	-0.88744090	-1.82730960	0.10128444
Pt	-2.78439278	-0.51704143	1.13892864
Pt	0.79394491	2.27775552	-0.24039763
Pt	2.07495833	0.39268916	1.13528612
Pt	0.78887001	-1.58554795	2.09858599

13

#5.381:triplet:UNK =	-2.09931739		
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Pt	0.39919064	-1.26049068	2.48213010
Pt	1.17652923	2.24970385	-0.85696972
Pt	-1.10560301	2.63509845	0.28303338
Pt	-0.68840696	0.50689950	-1.29214273
Pt	2.69268654	-0.37271588	1.17263055
Pt	-0.10440279	-2.52956252	0.33484576
Pt	-0.53160709	-2.02536435	-2.27334682
Pt	0.63678091	0.97664618	1.25849501
Pt	3.23866566	0.79734700	-1.07898896
Pt	1.41066622	-0.99864731	-0.92915190
Pt	-2.19467638	-1.29520573	-0.35092897
Pt	-1.77953221	0.21165422	1.66511198
Pt	-3.15029077	1.10463728	-0.41471769

13

#5.730:triplet:UNK =	-2.09929513		
Pt	0.42496230	2.15827412	-2.02204111
Pt	-0.49663926	1.65590599	2.76489216
Pt	3.75869389	-1.26669741	-0.44790037
Pt	-0.21269321	-2.04158113	0.47155593
Pt	-1.72972530	-0.15411027	1.54146977
Pt	-1.65037099	1.13035640	-0.63245829
Pt	-2.72796795	-2.09781984	0.25609547
Pt	1.12568838	0.59215201	1.06782294
Pt	2.16446400	0.44830953	-1.22602319
Pt	-2.60571465	-0.84600389	-1.89527475
Pt	-0.07001264	2.71987975	0.45830508
Pt	2.10241915	-1.70838798	1.30615904
Pt	-0.08310372	-0.59027727	-1.64260268

13

#5.25:triplet:UNK =	-2.09928817		
Pt	-0.97630800	-1.01158107	2.83594289
Pt	1.13449788	0.48108860	-1.22078154
Pt	0.96883995	2.76510890	0.17759245
Pt	3.05989620	-1.19754104	-0.49668636
Pt	-0.56570542	-2.06853330	0.46142470
Pt	-2.59225510	-0.44885617	0.90262722
Pt	0.93694513	-2.18101209	-1.61860589
Pt	-0.71668257	1.15263225	1.36619850
Pt	-3.28307303	0.58666839	-1.32029373
Pt	-1.14715090	-0.73338887	-1.77354627
Pt	-1.09740519	1.89838651	-1.04062175
Pt	1.24202359	-0.47775905	1.20164139
Pt	3.03637747	1.23478692	0.52510839

13

#5.456:triplet:UNK =	-2.09927439		
Pt	-0.38601799	-0.74278280	-1.27529812
Pt	0.26154799	-0.39356520	3.20806066
Pt	2.25113282	-1.13719088	-0.83926056
Pt	-1.02871389	1.83311453	-1.11905154
Pt	0.58949443	-3.07189835	-1.12103526
Pt	-2.64692669	-0.27912726	-0.26612950
Pt	-1.86705984	-1.21090542	1.95644256

Pt	0.47359603	-1.67112897	0.99670601
Pt	1.39132482	1.19601602	-0.13943037
Pt	-2.24247433	0.30285285	-2.74257923
Pt	3.76180388	0.81719818	-0.66097967
Pt	-0.73612352	1.06273013	1.40294796
Pt	0.17841628	3.29468717	0.59960708

13

#5.372:triplet:UNK =	-2.09926009		
Pt	-1.69013651	2.13333506	1.37651536
Pt	-0.88650193	-0.35833926	1.38249981
Pt	1.27736952	-1.42856227	0.32366645
Pt	2.47959327	0.51819853	1.32466846
Pt	-2.26326621	-2.23230917	0.31770074
Pt	-0.29920928	-2.49092880	-1.35952604
Pt	2.76388678	1.36121961	-1.07707901
Pt	-2.70076611	0.19026416	-0.35612855
Pt	1.05860128	-0.96289021	2.86847417
Pt	0.54156048	1.67292085	0.15017521
Pt	-1.52088598	2.39953073	-1.23583537
Pt	1.79823734	-0.80772609	-2.07531246
Pt	-0.55848264	0.00528683	-1.63981875

13

#5.264:quintet:UNK =	-2.09922049		
Pt	1.89441660	-1.76341074	-1.55182678
Pt	-1.28445848	2.74108844	-0.81402309
Pt	0.37278784	-0.20077409	3.03599229
Pt	-3.03508731	-1.91121644	-0.31739815
Pt	-0.39457989	1.31444600	1.16105985
Pt	-0.59336836	-1.99599233	-1.07765911
Pt	-1.35742571	-1.16027603	1.45795777
Pt	1.25010480	-1.16007257	0.88136599
Pt	1.12640350	3.02233276	0.03749922
Pt	3.62013636	-0.67732884	0.04607113
Pt	-0.63423347	0.42116628	-1.73142466
Pt	1.69633269	0.75862166	-0.87500154
Pt	-2.66102857	0.61141589	-0.25261292

13

#5.156:triplet:UNK =	-2.09921431		
Pt	1.69173288	-1.36351174	-1.55673168
Pt	-2.72071957	1.28951448	-0.76598149
Pt	1.24160925	1.25640188	0.94220740
Pt	-0.46429202	2.62041356	-0.82018246
Pt	-1.31158654	-1.25447732	1.36149831
Pt	1.23871869	-1.25569238	0.94059151
Pt	1.69284318	1.36149837	-1.55573637
Pt	-0.46642289	-2.62019768	-0.81921014
Pt	-1.30896525	1.25519410	1.36043791
Pt	-0.51591224	0.00023827	-1.38840330
Pt	3.37864213	-0.00155809	0.01143435
Pt	0.26600057	-0.00055473	3.05579088
Pt	-2.72164819	-1.28726873	-0.76571493

13

#5.568:triplet:UNK =	-2.09920069	
Pt	-0.92481706	-0.80447588 -2.46975462
Pt	-0.93050535	3.37826039 -0.01300603
Pt	-1.58369345	1.46553737 -1.59648821
Pt	-1.39496227	1.03192969 0.90510245
Pt	1.20613097	0.22489462 1.57910620
Pt	1.52729467	-0.58222526 -1.76976783
Pt	3.11167541	0.83905567 -0.10839080
Pt	0.17046592	-1.61937299 0.13511999
Pt	-0.77200028	0.00421503 3.15530369
Pt	0.78260275	1.62072008 -0.75190956
Pt	-1.98898212	-2.49694537 -0.94939530
Pt	-1.95563405	-1.41001156 1.38042516
Pt	2.75242487	-1.65158179 0.50365486

13

#5.520:triplet:UNK =	-2.09920008	
Pt	-1.47414206	1.98834483 0.36658553
Pt	0.38371116	0.47752560 1.34576997
Pt	1.09534021	2.81192558 0.14012333
Pt	0.13968054	-2.00249960 0.12734343
Pt	-1.91982344	0.57957971 2.44032507
Pt	2.53440026	-1.77501571 -0.83387021
Pt	-1.84333426	-2.48963121 -1.42542666
Pt	-2.24864070	-1.28657696 0.78528643
Pt	2.08380334	-1.41728488 1.72440942
Pt	-1.78397664	0.08046884 -1.32516843
Pt	-0.36503463	2.25388398 -1.96440475
Pt	2.62502532	0.75260592 0.09848072
Pt	0.77299089	0.02667389 -1.47945384

13

#5.736:quintet:UNK =	-2.09906843	
Pt	-1.36096286	-2.70206073 0.96862289
Pt	0.72361646	1.25554215 1.15846014
Pt	3.29426390	-0.24932996 -0.85819092
Pt	0.74939071	-1.41300945 1.36424575
Pt	-1.46966524	0.13779017 -1.24212258
Pt	0.78574569	3.23443399 -0.47507542
Pt	-1.11939554	-2.35310541 -1.55717405
Pt	-1.62212431	-0.19515890 1.30650903
Pt	-3.59484820	0.88357859 0.09007777
Pt	1.00272870	0.83900299 -1.36817146
Pt	-1.48331260	2.29490156 0.15799971
Pt	2.83875949	-0.05076804 1.62206923
Pt	1.25580380	-1.68181695 -1.16725009

13

#5.505:triplet:UNK =	-2.09905616	
Pt	2.88559453	-2.25759653 -0.38694217
Pt	-0.70404646	0.42638971 1.99427208
Pt	-3.55363503	-0.54244072 -0.92671251
Pt	-2.11395781	1.39574151 -0.05540072
Pt	1.07374660	-1.16871617 1.09043388
Pt	2.70898909	0.26559399 -0.26742576

Pt	2.16194379	2.69345579	0.06517515
Pt	-0.23774909	2.74038641	1.05912658
Pt	0.96180929	-1.21296880	-1.71048420
Pt	0.34342703	1.30751359	-1.04528818
Pt	-1.31517076	-1.35381145	0.01626914
Pt	-1.31681198	-0.20775438	-2.24676814
Pt	-0.89413921	-2.08579295	2.41374486

13

#5.64:triplet:UNK =	-2.09904547		
Pt	2.66442471	-0.82299426	1.41934915
Pt	-1.69177225	-1.55531564	0.97593974
Pt	-1.82620569	1.26390191	0.56169791
Pt	0.21487071	2.91716142	-0.02858236
Pt	-1.61238186	0.14771673	2.81960854
Pt	2.30500254	1.42790039	-0.11190136
Pt	0.50768837	0.58722505	1.47909451
Pt	0.48270281	0.25793443	-1.45871724
Pt	0.72114159	-1.85338462	0.06880960
Pt	2.81484674	-0.98586498	-1.19595970
Pt	-1.91207187	-0.49903998	-1.54699381
Pt	-1.28208683	-2.90707231	-1.11925401
Pt	-1.38615897	2.02183187	-1.86309097

13

#5.783:singlet:UNK =	-2.09892301		
Pt	-2.63340387	0.09481279	-0.69920894
Pt	3.26149809	0.54639229	1.00970089
Pt	0.70430357	0.86452805	-1.48596124
Pt	-1.10746027	-1.76754292	1.85781465
Pt	1.60766030	-2.57057355	-0.78201976
Pt	-1.01050512	3.08272495	0.68314915
Pt	2.82367428	-0.42985447	-1.28706239
Pt	1.13634226	-0.86000150	1.11471746
Pt	-0.54705628	-1.29021189	-0.97949506
Pt	1.16473215	1.86923618	0.85162368
Pt	-1.45537814	2.13853151	-1.60768403
Pt	-2.72248595	-2.34508516	-0.02364561
Pt	-1.22192101	0.66704371	1.34807120

13

#5.58:triplet:UNK =	-2.09887466		
Pt	1.00779993	0.64542170	1.39161744
Pt	-3.42299241	-0.61632178	-0.22382029
Pt	-0.44026608	2.88820023	0.96291642
Pt	3.15025863	1.15425155	-0.02476729
Pt	-1.49792440	0.47411165	1.26452785
Pt	-0.34828042	-1.45605025	2.63579783
Pt	-1.13905873	-1.75645755	0.14069375
Pt	0.75512713	-0.84159847	-1.80040705
Pt	3.12677455	-1.15202421	-0.97614234
Pt	0.82625523	1.55265681	-0.97674201
Pt	1.39258366	-1.77991143	0.78439867
Pt	-1.71598592	-0.69620293	-2.19443427
Pt	-1.69429118	1.58392466	-0.98363870

13

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#5.92:triplet:UNK =      -2.09885627
Pt      -2.78576465      1.17761168      0.04910218
Pt       1.56895370     -0.63605713      0.79909938
Pt     -1.49076966     -0.87912261      1.06042706
Pt       0.19804217     -0.44137634      2.94059151
Pt       3.61840787      0.59467840     -0.19788898
Pt       0.17950292     -2.72573669      0.80034492
Pt     -0.88167212      2.88893035     -0.67909995
Pt     -0.19422420     -2.12957483     -1.64256663
Pt       1.45987864      1.88540822     -0.30277226
Pt     -0.51484278      0.41812922     -1.34431820
Pt       1.89786717     -0.60431323     -1.71548519
Pt     -2.61103876     -1.07841188     -1.22081474
Pt     -0.44434029      1.52983485      1.45338089
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#5.982:singlet:UNK =     -2.09872477
Pt     -3.65205294      0.00912326     -1.48271537
Pt       0.25976591     -1.29748759      1.20799417
Pt       0.48239270      2.57374401     -1.15611261
Pt       0.50315616      0.00425725     -1.47994833
Pt       2.46133255     -1.32247256     -0.16696552
Pt       4.46781880      0.00022312      0.39514203
Pt       2.46097420      1.32383210     -0.16187902
Pt     -1.29775783     -0.00994154      2.79171008
Pt     -1.66001684      1.34494761     -0.51039697
Pt     -1.66178659     -1.34119622     -0.52406860
Pt       0.26279479      1.28703398      1.21847818
Pt     -3.10993507     -0.00518651      1.03930036
Pt       0.48331416     -2.56687691     -1.17053839
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13

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#5.960:singlet:UNK =     -2.09863917
Pt       3.74440623      0.77605806     -0.17828913
Pt       0.62431749     -0.05072694     -1.48530819
Pt     -0.69340857     -2.15724110     -0.85211912
Pt       0.37523643      0.27270267      1.59223804
Pt     -1.79733760     -0.33638742      0.47005036
Pt     -2.85173128     -1.15160729     -1.80592154
Pt       2.71362171     -1.32134490     -0.94891088
Pt     -0.67546248      3.00499570     -0.24952669
Pt       1.53940837      1.84274158     -0.06488613
Pt     -1.60578199      1.89126702      1.80378105
Pt     -0.91162344     -1.80229370      2.40874517
Pt       1.18084692     -2.04674417      0.90920370
Pt     -1.64249180      1.07858048     -1.59905665
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13

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#5.244:triplet:UNK =     -2.09859411
Pt     -1.66757296     -2.78093638     -0.00343046
Pt     -0.31658841      2.33423253      0.71571578
Pt       2.44581342     -0.62368122      1.73350137
Pt       2.94804159     -1.21352239     -0.80909123
Pt     -1.23500743      1.28999729     -1.44893361
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Pt	0.52157490	-0.47395793	-1.34360081
Pt	-2.24856080	-0.31179665	0.32476332
Pt	-2.07421523	1.33329829	2.27141863
Pt	1.95588063	1.14315884	-0.06507224
Pt	0.79508632	2.91429290	-1.50272272
Pt	-1.80660566	-1.22541636	-2.08817894
Pt	-0.06237594	-0.14707303	1.71118491
Pt	0.74452958	-2.23859590	0.50444601

13

#5.164:triplet:UNK =	-2.09859068		
Pt	-1.19063797	-2.18114952	-1.93223201
Pt	-1.22168650	-0.63245455	2.90786883
Pt	-2.14361311	0.16487598	-1.39861373
Pt	2.58823264	-0.81228467	-0.36147811
Pt	0.96580121	-0.76481377	1.65380460
Pt	0.25915800	1.99094473	0.06759117
Pt	2.38230634	1.29797714	1.24540262
Pt	0.87622703	-2.72668486	-0.36279959
Pt	-1.32379292	-1.57265474	0.55606429
Pt	0.34931447	-0.12462452	-1.33837056
Pt	2.38698000	1.66227262	-1.39848994
Pt	-1.87612666	1.07858068	1.18590255
Pt	-2.05216252	2.62001548	-0.82465011

13

#5.122:triplet:UNK =	-2.09856316		
Pt	-1.55969131	-1.10053330	-2.39581178
Pt	3.28799487	0.84031190	-0.00049332
Pt	1.05514284	1.08175739	-1.27238772
Pt	-0.74042477	-1.44543674	0.00110603
Pt	-0.17674212	3.08384464	-0.00179897
Pt	0.95903153	-1.39075265	-1.81147778
Pt	-1.55944493	-1.09762461	2.39733652
Pt	-1.45435029	1.21062102	-1.31641816
Pt	0.95856048	-1.38829306	1.81291282
Pt	2.75094952	-1.59025891	0.00070059
Pt	1.05495169	1.08461827	1.27201889
Pt	-1.45440671	1.21149100	1.31377641
Pt	-3.12157080	-0.49974494	0.00053647

13

#5.990:quintet:UNK =	-2.09849540		
Pt	2.15448198	-1.52312752	0.76616732
Pt	-2.80531015	-1.86400700	-0.68130729
Pt	-0.52822736	0.29207922	1.75768256
Pt	-0.79524537	1.16605388	-1.08959757
Pt	-2.75829992	0.45414657	0.31637874
Pt	3.63230459	-0.08966334	-0.76646807
Pt	1.66581217	0.94938406	0.57278110
Pt	0.69668917	3.10160846	-0.27034809
Pt	-1.05627338	-1.01463333	-2.37600292
Pt	-1.46638780	2.55751883	1.07997447
Pt	-0.36200457	-1.75597958	0.01263155
Pt	1.30596004	-0.27039156	-1.76378504

Pt	0.31650060	-2.00298867	2.44189325
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13

#5.699:quintet:UNK =	-2.09848549		
Pt	2.51219294	1.13114544	-0.14101155
Pt	-2.88044417	-1.24498688	-1.70274998
Pt	0.85181065	2.99650697	-0.56692067
Pt	-0.37642925	-1.73580069	-1.60260093
Pt	1.10164103	-0.58163306	1.12152512
Pt	0.11613891	0.70476990	-1.26433082
Pt	-1.28241326	2.85345759	0.77040155
Pt	-1.77865753	-1.60464028	0.54698444
Pt	-0.50074177	-1.75428881	2.69912218
Pt	2.02926478	-1.12122314	-1.61596736
Pt	-2.27229148	0.93651736	-0.55413905
Pt	3.50502866	-1.17856530	0.42839599
Pt	-1.02509951	0.59874092	1.88129108

13

#5.351:triplet:UNK =	-2.09848466		
Pt	0.59544796	0.85329735	1.07649262
Pt	1.40765775	-1.00774217	2.69511720
Pt	0.24071465	-2.06919368	0.64634753
Pt	-2.14763284	-2.54613684	-0.30367992
Pt	-0.12810490	-1.81248258	-1.84521192
Pt	2.39703777	-0.73047645	0.32824271
Pt	2.60897389	1.87383466	-0.28680258
Pt	1.85705411	-0.21236900	-2.09890255
Pt	0.24135447	1.56041909	-1.32774315
Pt	-1.72107554	-0.45377681	1.24415668
Pt	-1.79560857	0.00659698	-1.25390888
Pt	-1.53399643	2.03782412	1.77694098
Pt	-2.02182231	2.50020533	-0.65104875

13

#5.690:triplet:UNK =	-2.09840345		
Pt	-1.14946395	-0.38706380	2.34948597
Pt	1.39162686	-0.90679210	-0.85520178
Pt	-1.45819530	2.53913017	-0.72063486
Pt	3.22950628	0.87303447	-0.86143576
Pt	0.85595197	-1.96180989	2.36338114
Pt	0.20546026	1.17262130	0.98295889
Pt	2.31973630	-0.15187907	1.33343836
Pt	-2.25208542	1.78001305	1.64648315
Pt	-0.24057426	-2.24430115	-2.27017772
Pt	-2.50575194	-1.42306613	-1.44030215
Pt	1.06358560	2.19282770	-1.11953450
Pt	-0.72045783	-1.84491034	0.32084432
Pt	-0.73933858	0.36219579	-1.72930505

13

#5.418:triplet:UNK =	-2.09836482		
Pt	2.11755132	-2.56574594	0.55529533
Pt	-0.30292955	-1.85049880	1.16015752
Pt	2.94981327	2.31659485	-0.21321526
Pt	0.49287693	2.48239225	-0.40139799

Pt	0.43820534	0.05770185	-1.29358769
Pt	-1.70151205	1.92383037	0.99987910
Pt	-1.69726780	1.56645455	-1.59488572
Pt	-2.22539545	-0.51703635	0.12544995
Pt	-1.71851676	-0.24722382	2.65961181
Pt	2.55003516	-0.11561264	0.12356747
Pt	0.46737545	0.54579725	1.40892709
Pt	-1.67288323	-1.15163651	-2.28193323
Pt	0.30264737	-2.44501705	-1.24786838

13

#5.274:triplet:UNK =	-2.09827668		
Pt	-1.34393717	-1.44101719	-2.09983079
Pt	-1.02855938	-1.66370545	0.53994380
Pt	1.73533138	1.80662785	-1.02224699
Pt	-2.74709990	1.33944806	-0.01201994
Pt	2.71626702	-1.11841872	0.82784816
Pt	-3.33897214	-1.09443780	-0.46541962
Pt	-0.62802267	0.83805342	-1.22345875
Pt	-1.19536807	0.50531831	1.83449226
Pt	0.67225337	-1.39908258	2.47269476
Pt	3.27923994	-0.15738583	-1.51079611
Pt	1.24826277	0.83041332	1.23090236
Pt	-0.35156839	2.77098871	0.43973957
Pt	0.98217324	-1.21680209	-1.01184871

13

#5.624:quintet:UNK =	-2.09815820		
Pt	1.52160462	3.46433265	0.13937348
Pt	0.95057951	-1.53698478	-0.66766711
Pt	0.30662641	-0.22961117	1.59132669
Pt	-2.71109164	2.28750489	-0.63010987
Pt	3.28485989	-0.65987807	-1.20162097
Pt	-1.66762390	-1.54516104	2.48831970
Pt	2.17562272	1.10478527	0.28371448
Pt	-1.75987030	0.14704048	-1.59016041
Pt	-0.78586395	-2.01638861	-2.42898239
Pt	-1.48570734	-2.04210843	0.00831706
Pt	-0.24751644	1.79522353	-0.31310084
Pt	2.63179493	-1.23174250	1.25274555
Pt	-2.21341451	0.46298779	1.06784464

13

#5.204:quintet:UNK =	-2.09791567		
Pt	-0.02102495	-0.47726395	2.93822830
Pt	-0.39082786	0.64478372	-1.44588326
Pt	-0.48850842	1.52641446	1.49257457
Pt	1.74846898	-0.00445553	1.17700239
Pt	1.40829676	2.11344978	-0.44956461
Pt	-1.01106455	3.06961852	-0.52226717
Pt	-0.72597770	-1.41169795	0.66734146
Pt	-3.13970415	-1.45130731	-0.15181315
Pt	3.25164458	0.43714810	-0.80455593
Pt	1.60707919	-2.45812877	0.58543572
Pt	1.38076207	-1.17464901	-1.61477173

Pt	-2.46781245	0.94578780	-0.02331599
Pt	-1.15133150	-1.75969987	-1.84841061
13			
#5.192:quintet:UNK =	-2.09779746		
Pt	0.45384067	1.27984575	-1.40947058
Pt	-0.56195322	-1.39409007	0.14881567
Pt	-1.06729910	2.96646454	-0.16763044
Pt	0.70078430	1.55634771	1.17560145
Pt	-0.41344954	-1.10942395	-2.35727507
Pt	2.81363009	1.43501143	-0.32044320
Pt	2.08311034	-0.63932970	-1.91815033
Pt	-1.79352319	1.34769850	1.81901500
Pt	1.89924534	-0.79319013	0.68621095
Pt	-2.66628589	-1.80473421	-1.28288688
Pt	-0.25931632	-0.59780238	2.52806817
Pt	0.82590388	-2.82450602	1.77775276
Pt	-2.01468736	0.57770852	-0.67960751
13			
#5.162:quintet:UNK =	-2.09771923		
Pt	-2.48740342	-0.95060682	-1.40013243
Pt	-0.34999289	0.34359321	-1.43516678
Pt	1.70070706	-0.51209048	0.88796027
Pt	-1.62950281	-0.89488921	0.97122125
Pt	0.04686397	-2.14714480	-1.77336098
Pt	0.22477584	-2.52040693	0.73489177
Pt	0.10680995	-0.77536128	2.91486636
Pt	1.34485762	1.98806509	-0.17044295
Pt	-0.52953876	1.33862519	1.51687317
Pt	2.10335960	-0.50478929	-1.60378281
Pt	-1.10734225	2.64124706	-0.66150312
Pt	3.63636576	0.90212129	-0.08599223
Pt	-3.05995965	1.09163699	0.10456849
13			
#5.639:triplet:UNK =	-2.09762135		
Pt	0.69562611	-3.07666540	-0.00901244
Pt	0.10332369	3.33844620	-0.00621604
Pt	-0.70844719	1.44111122	1.52390795
Pt	1.42763000	1.21236172	-0.01623486
Pt	2.39782114	-1.16329607	-0.00779818
Pt	3.86982831	0.83143457	0.00322145
Pt	-2.01896614	-0.61603014	-2.41584107
Pt	0.46304187	-1.00519171	1.74088474
Pt	-1.99373439	-0.61058947	2.43643087
Pt	-0.73102748	1.44198042	-1.52370471
Pt	-2.64356221	0.65090713	0.01330734
Pt	0.44698054	-1.00379114	-1.74549310
Pt	-1.30851426	-1.44067733	0.00654803
13			
#5.725:quintet:UNK =	-2.09757095		
Pt	-0.20642199	-0.00266802	3.11629363
Pt	0.53785941	0.00037734	-1.83623083
Pt	-2.70518006	2.18942716	0.15499713

Pt	-2.70311483	-2.18964915	0.15438264
Pt	-0.42678437	1.39324199	1.00269298
Pt	1.76044644	0.00114641	1.54438417
Pt	1.84965664	-1.73538688	-0.64175094
Pt	-0.62516273	-2.31541932	-1.41089891
Pt	-1.94545165	-0.00008459	-0.89162318
Pt	-0.42415894	-1.39520044	1.00066160
Pt	1.84834260	1.73681122	-0.64086154
Pt	-0.62592817	2.31589563	-1.40863737
Pt	3.66589764	0.00150863	-0.14340937

13

#5.657:triplet:UNK =	-2.09756453	
Pt	-1.30656691	0.70680344
Pt	0.40336021	-0.48544895
Pt	-0.49496687	2.96154115
Pt	-2.08573455	-0.52308707
Pt	1.19262557	1.23152460
Pt	2.93263336	-0.22427470
Pt	-0.75018955	-2.77526336
Pt	0.32800487	-1.71249694
Pt	-2.16803442	-1.67436645
Pt	0.57340640	-0.34079979
Pt	-2.69404280	1.76660992
Pt	2.67697557	-0.77969417
Pt	1.39252911	1.84895230

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	-1.39446565	
	0.74267618	
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	2.90153285	
	-0.49761483	
	0.90472648	
	-1.38846336	

13

#5.826:quintet:UNK =	-2.09752995	
Pt	-0.50572783	0.21820774
Pt	-0.44117894	-2.31694830
Pt	1.80623725	-0.99716739
Pt	-3.21604553	1.03187583
Pt	1.01006077	3.59455909
Pt	-0.61889916	-1.47762467
Pt	-2.64037546	-0.97796815
Pt	3.70204297	-0.04573250
Pt	-0.95134300	2.14769454
Pt	1.47944471	1.21075033
Pt	-0.00773652	-1.52782381
Pt	-1.38046614	0.31592960
Pt	1.76398688	-1.17575231

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	-2.11770944	
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	-0.47648384	
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	-1.13779918	
	-0.11801355	
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	-0.00544438	
	2.95498056	
	1.90761660	
	-1.31623748	

13

#5.485:quintet:UNK =	-2.09749918	
Pt	3.40623951	-1.72327355
Pt	-1.50170374	-1.13408152
Pt	0.14285117	1.01140620
Pt	-2.61204485	0.41096790
Pt	1.26671125	2.85008220
Pt	2.59603398	0.69617613
Pt	1.50814090	-1.19962480
Pt	0.29055388	-0.32963419
Pt	1.03480144	-1.18737025
Pt	-1.59247587	2.72323488

	-0.15104978	
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	-1.36728665	
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	-0.17099432	
	-1.79567170	
	3.00811568	
	0.74838278	
	-0.60857729	

Pt	-0.45530410	1.30507868	1.19666979
Pt	-0.95823768	-1.36381771	-1.48682465
Pt	-3.12556591	-2.05914395	-0.32129169

13

#5.288:triplet:UNK =	-2.09741227		
Pt	-3.31800918	-0.04494660	0.55895670
Pt	-1.19881741	-1.56353293	1.11346770
Pt	1.44539056	-0.96505799	1.04384909
Pt	-0.92194290	0.92703228	0.94173016
Pt	-0.02309267	-0.34854090	3.01765994
Pt	3.47790803	0.52171750	0.57140121
Pt	-2.23331723	-1.56054638	-1.28156060
Pt	-0.77462321	3.12543610	-0.38997657
Pt	1.36803541	1.82900668	0.07623161
Pt	2.75051793	-1.21901642	-1.16497752
Pt	0.27177217	-1.99227357	-1.16940040
Pt	0.80086348	0.34936762	-1.86916119
Pt	-1.64468498	0.94135461	-1.44822012

13

#5.484:quintet:UNK =	-2.09736986		
Pt	2.00345943	-1.18633628	0.76939314
Pt	-1.83703790	1.08468021	2.09902485
Pt	0.04759112	0.25656286	-1.49082095
Pt	0.22191891	-0.82848029	2.60725178
Pt	2.36966835	1.01595627	-0.79069964
Pt	-1.55316184	-1.05068185	0.78526633
Pt	4.15438399	-0.65181622	-0.35475851
Pt	0.51270775	2.78215249	-1.04751257
Pt	-2.23627534	-2.57668936	-1.25890444
Pt	0.46823205	1.15866634	0.99812615
Pt	-1.90192310	2.18529701	-0.23837519
Pt	0.21086168	-2.15325251	-0.72535073
Pt	-2.46042509	-0.03605867	-1.35264021

13

#5.903:triplet:UNK =	-2.09731853		
Pt	-0.75211007	-2.30839412	0.87156031
Pt	3.18242785	-0.14765265	-1.45217409
Pt	-2.05784550	-0.17551173	0.76104981
Pt	1.14248126	-1.44586851	-0.56126412
Pt	-0.76701595	0.60088010	-1.39315194
Pt	-1.01173241	1.96921301	1.60849322
Pt	1.01656074	0.54606989	1.23551541
Pt	-3.09641824	-0.40099839	-1.55790853
Pt	3.12572225	-0.82938596	0.96085996
Pt	1.52538172	1.67868445	-0.97697062
Pt	-1.08880211	-2.00509742	-1.71126146
Pt	-0.59140201	3.03935834	-0.65990412
Pt	-0.62724754	-0.52129702	2.87515617

13

#5.141:triplet:UNK =	-2.09730988		
Pt	-0.19065610	-0.01288601	-1.61664196
Pt	0.00405944	2.23345408	-0.42481571

Pt	0.86116511	-2.47855620	-1.77542622
Pt	-2.50533432	2.25293800	-0.22976213
Pt	2.51363743	2.05004808	-0.47188216
Pt	2.69712530	0.54116191	1.55695876
Pt	1.15762822	-1.43262399	0.70324620
Pt	-0.78929372	-1.62291779	2.45689471
Pt	2.26410672	-0.34882310	-1.32483533
Pt	-2.22829730	0.08882079	1.16604655
Pt	0.14590208	0.70312917	1.61585167
Pt	-1.22931843	-1.97995899	-0.23824398
Pt	-2.70072442	0.00621408	-1.41739040

13

#5.14:triplet:UNK =	-2.09730241	
Pt	-3.06552586	1.21954107
Pt	0.49695891	-1.95935453
Pt	-0.82869113	-1.55437210
Pt	-2.01065401	-2.39663434
Pt	2.95751223	-1.60139165
Pt	-1.11738411	-0.39956573
Pt	0.50464578	0.39769564
Pt	0.91563473	1.22718004
Pt	1.22355954	2.87999212
Pt	2.86504930	0.79330562
Pt	-1.12389151	2.40036447
Pt	1.26500291	-1.08285889
Pt	-2.08221679	0.07609829

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	-2.40718328	
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	-1.34104261	
	1.11220118	
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	-0.51040882	
	0.04303952	
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	-0.86456216	

13

#5.245:triplet:UNK =	-2.09718834	
Pt	1.51880907	1.44229334
Pt	2.30834095	0.34077017
Pt	-0.26959288	3.20287189
Pt	-1.16390027	-2.12822330
Pt	-0.08007102	1.22657737
Pt	-1.77669624	0.05511861
Pt	-1.22510948	-2.45798599
Pt	-1.95899229	1.95426247
Pt	-2.65392105	-0.51624818
Pt	1.21593223	-1.82956486
Pt	1.06044744	-1.01674766
Pt	-0.18021719	0.22728969
Pt	3.20497073	-0.50041354

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	-2.11196959	
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	-0.57950342	
	-0.88685828	
	-1.65961185	
	-0.87912356	
	1.59179034	
	-1.31583048	
	0.27174169	

13

#5.463:triplet:UNK =	-2.09718306	
Pt	0.46960734	-0.00198833
Pt	-1.65491229	-1.47064006
Pt	-1.56037464	1.41997165
Pt	1.53791878	1.74703202
Pt	2.98198557	-0.00055058
Pt	1.53763460	-1.75027901
Pt	-0.76150095	2.74318813
Pt	0.32073507	-0.00118752
Pt	-1.99528955	-0.00205192

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	-0.00735529	
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	0.00528177	

Pt	3.10603467	-0.00164613	1.20424319
Pt	-1.56330357	-1.41829639	2.08528643
Pt	-1.65257542	1.47272165	-2.04455458
Pt	-0.76595962	-2.73627350	0.01156171

13

#5.355:triplet:UNK =	-2.09715782		
Pt	-1.82075156	2.29163742	-1.48931060
Pt	0.93282219	-1.85750077	0.08213231
Pt	-2.29283302	-0.60117338	2.49800832
Pt	2.74249829	1.67970090	0.37059131
Pt	-1.20980916	-0.14267668	-1.82109298
Pt	-0.31250872	0.64420601	1.40746599
Pt	-2.61871314	0.82723871	0.41005406
Pt	3.29845792	-0.97798048	-0.44039555
Pt	1.18523940	0.32816209	-1.21384731
Pt	1.99123688	-0.29385514	1.83301050
Pt	-1.62195975	-1.76239779	0.38040023
Pt	0.38533659	2.47955680	-0.22742264
Pt	-0.65901593	-2.61491769	-1.78959363

13

#5.284:quintet:UNK =	-2.09715166		
Pt	-2.06226120	-1.08629632	-1.96778943
Pt	-0.33166360	-0.44002104	1.25336228
Pt	0.05462388	-1.91884129	-0.78951425
Pt	1.98478219	-1.00978208	2.16309325
Pt	1.88546524	-0.11794427	-1.41247132
Pt	-0.45624942	0.88212750	-1.88705110
Pt	-0.42919417	2.41895673	0.36156580
Pt	1.78780372	1.12378882	0.80456178
Pt	-1.72609345	1.46562044	2.31774449
Pt	-2.21775111	-2.13444100	0.51824180
Pt	1.45160367	2.54282928	-1.40065471
Pt	-2.37770728	0.48036016	0.05924031
Pt	2.43664152	-2.20635692	-0.02032890

13

#5.794:triplet:UNK =	-2.09708844		
Pt	-1.47167595	-0.89588952	0.48364653
Pt	2.25646998	-0.38354392	-1.10790057
Pt	-1.68374186	1.44460755	1.34893154
Pt	-0.75723200	-2.20405981	-1.59120727
Pt	0.58467411	-1.55066071	1.72587570
Pt	1.45663563	-2.67557781	-0.42178587
Pt	2.09157678	0.44619923	1.28869885
Pt	-2.63513973	-0.34099182	-1.72912456
Pt	2.89291977	2.03633828	-0.60055504
Pt	-1.80359264	2.25630645	-1.11476190
Pt	-0.11816773	0.25123114	-1.53611332
Pt	-1.27365094	-0.42997194	3.06890757
Pt	0.46092459	2.04601287	0.18538834

13

#5.152:quintet:UNK =	-2.09708375		
Pt	-1.90638848	2.31797232	0.18224641

Pt	1.74514835	-0.57622576	1.60851072
Pt	0.18880240	1.29066876	1.13121994
Pt	-0.50044356	2.33624302	-1.92471239
Pt	-0.05122319	-2.64867689	-0.78007610
Pt	-2.26995470	-1.74453886	-1.73565114
Pt	-2.21519984	-0.21211725	0.27065944
Pt	2.09114393	-1.28488843	-0.80066560
Pt	-0.26861441	-0.15061062	-1.53999200
Pt	-0.55527153	-1.69359863	1.54058056
Pt	3.68973797	0.43592731	0.25477410
Pt	-1.62050765	0.40876316	2.68428829
Pt	1.67277070	1.52108187	-0.89118224

13

#5.214:quintet:UNK =	-2.09703596	
Pt	3.77899794	0.54637649
Pt	0.16909460	-0.19618512
Pt	0.41742879	-1.93957853
Pt	-0.24667748	2.79606831
Pt	-2.42224918	1.59781373
Pt	-0.19063658	1.39297209
Pt	-2.12309718	-1.83090167
Pt	1.61596498	-0.78388782
Pt	1.61301173	0.99842081
Pt	2.83604209	-1.23441287
Pt	-0.82424447	0.32220462
Pt	-3.57027524	-0.54876876
Pt	-1.05336002	-1.12012128

13

#5.443:triplet:UNK =	-2.09702990	
Pt	0.06425196	-1.86780989
Pt	-1.82835397	0.65680877
Pt	0.17845228	0.82444763
Pt	2.03352861	-0.91755652
Pt	-2.21435427	-2.00651744
Pt	0.55976825	-0.36290585
Pt	-1.90378799	2.20986102
Pt	-1.99338088	-0.51484712
Pt	2.29999367	0.76124635
Pt	-1.49890821	-1.06399451
Pt	1.75842511	1.77914069
Pt	0.07638503	2.39712428
Pt	2.46798042	-1.89499741

13

#5.173:singlet:UNK =	-2.09702248	
Pt	-0.21711601	-0.34432462
Pt	-0.67391156	1.51720753
Pt	-1.29146820	-1.65507872
Pt	1.17034339	-1.78307851
Pt	2.66640728	0.49242359
Pt	-2.42675628	0.62587318
Pt	-1.23404344	2.83087284
Pt	3.32275894	-1.60015791

Pt	-3.24214468	-1.75403827	0.01183663
Pt	1.45484650	-0.04387834	1.17072562
Pt	1.28731462	2.47696758	-0.23678118
Pt	0.00787950	0.56847956	-1.44991949
Pt	-0.82411007	-1.33126792	0.77705656

13

#5.918:quintet:UNK =	-2.09698292		
Pt	-0.66662982	-1.69933850	-0.42543719
Pt	0.87484239	-2.42031386	1.61737519
Pt	2.44456697	-0.39829744	1.05748960
Pt	-2.89920357	-0.45616674	-0.04285035
Pt	-0.02592445	-0.01308322	1.60260755
Pt	-0.86733710	2.27770012	0.95681468
Pt	0.83423731	2.65861750	-0.92594709
Pt	-1.27585633	1.06497310	-1.20997287
Pt	-2.11605023	-1.04475624	-2.42659301
Pt	-2.41775488	0.64599032	2.19509100
Pt	1.75579054	-2.36711493	-0.85290169
Pt	1.21577640	0.12856410	-1.15213976
Pt	3.14354277	1.62322580	-0.39353608

13

#5.665:quintet:UNK =	-2.09696593		
Pt	-2.36355700	0.30967500	0.62802403
Pt	1.49228328	0.83277295	-1.66742489
Pt	-0.61395768	2.11664460	-2.20101232
Pt	-3.07148916	-1.43901100	-1.07927662
Pt	-0.94227946	-2.66088187	-0.29727237
Pt	-0.80154252	-0.31481289	-1.44997789
Pt	3.18714714	-0.14036126	1.30254546
Pt	1.02557616	1.09680200	0.81568941
Pt	-0.99538449	2.43929765	0.29348741
Pt	-0.73994250	-1.19851092	1.79906092
Pt	-0.80002305	1.25370430	2.68299947
Pt	3.34131234	-0.76808418	-1.11401899
Pt	1.28185694	-1.52723437	0.28717637

13

#5.810:triplet:UNK =	-2.09693684		
Pt	-1.40035602	2.70234694	-0.75413153
Pt	-0.84392550	-2.03011185	0.10190302
Pt	3.25723311	-1.80254091	-0.67117574
Pt	1.17290714	2.90301976	-1.04954736
Pt	-0.02717490	0.79916488	-1.86676792
Pt	-1.49221737	-1.28208800	-2.32474182
Pt	1.53751983	-0.54474774	0.60231171
Pt	1.72857267	0.68205743	2.80277068
Pt	-2.75647878	-1.36949343	1.64118657
Pt	0.25093151	1.69039255	0.99615045
Pt	0.99925287	-1.58375476	-1.67262758
Pt	-1.92290061	0.27812593	-0.14551286
Pt	-0.50336394	-0.44237081	2.34018237

13

#5.5:triplet:UNK =	-2.09690146		
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Pt	-0.14002390	1.11551499	1.50364488
Pt	2.09154649	-2.13560212	-1.34612449
Pt	-2.63067222	-1.68885276	0.06929252
Pt	-2.29170542	-0.07227239	2.26477752
Pt	2.43963465	1.20244077	1.58544840
Pt	-0.51739665	0.20959889	-2.23085293
Pt	-1.02773118	2.66174877	-1.65070939
Pt	-0.43306641	-2.15827348	-1.25528430
Pt	-0.28510140	-1.43533898	1.18691760
Pt	1.55650752	0.30911038	-0.83755951
Pt	-1.99356068	0.74665541	-0.24502871
Pt	2.22013201	-1.38254837	1.09492723
Pt	1.01143721	2.62781890	-0.13944883

13

#5.753:quintet:UNK =	-2.09687830		
Pt	-1.40536069	-1.57585586	0.95069772
Pt	2.34608758	-1.06066250	-1.45823815
Pt	-0.14150637	2.33953430	-1.07268242
Pt	0.83363591	1.12200568	0.94722882
Pt	1.24373161	-1.42730525	0.85521076
Pt	-0.06503811	-0.54826759	2.91789062
Pt	-0.04833011	-1.89223195	-1.46072238
Pt	-2.57290279	-2.14200528	-1.25366359
Pt	-2.58151874	2.35976305	-0.34098524
Pt	2.22507205	1.49177905	-1.29485413
Pt	-1.61381158	1.01057641	1.57932147
Pt	-1.49184121	0.17759379	-1.13428924
Pt	3.27178243	0.14507614	0.76508574

13

#5.130:triplet:UNK =	-2.09685893		
Pt	1.32217789	0.40690729	1.25398633
Pt	3.41338065	-0.48344247	0.01907843
Pt	-0.97572223	-1.91352014	-1.81165491
Pt	2.36964908	0.95607965	-1.76362335
Pt	-1.27367944	3.07807656	0.82075137
Pt	1.19511390	-1.63598985	-0.45975494
Pt	-1.12392991	0.65560225	1.73476957
Pt	-2.36116872	1.10727097	-0.43446605
Pt	-3.16050858	-1.26393953	-0.69453142
Pt	0.91232947	2.41879132	-0.25842421
Pt	-0.13713320	0.44643286	-1.42200913
Pt	1.02575629	-2.00896303	2.10157782
Pt	-1.20626518	-1.76330588	0.91430052

13

#5.412:triplet:UNK =	-2.09676555		
Pt	-2.85059897	0.99462443	-0.45844572
Pt	-1.57802959	-0.04826672	1.44220400
Pt	1.07522784	-1.57336125	-0.18139362
Pt	0.53890906	2.14340380	-0.26876409
Pt	0.89627564	0.35839359	1.46228738
Pt	2.98685535	1.31887352	0.35146268
Pt	-2.76430562	-1.19211961	-1.82490176

Pt	3.52937868	-1.01649097	-0.53999075
Pt	-1.55955100	2.56534090	1.09749286
Pt	1.79424550	0.30169575	-1.92045994
Pt	-1.40049084	-2.14885344	0.08438280
Pt	-0.68455435	0.27698661	-1.52983483
Pt	0.01663827	-1.98022662	2.28596098

13

#5.181:triplet:UNK =	-2.09672395		
Pt	3.05525502	-0.02849651	1.29999188
Pt	1.53323078	1.72502049	0.00069365
Pt	0.41603095	-0.04051139	-1.49434540
Pt	-1.63255176	-1.37349671	-2.20320041
Pt	-1.58736610	1.41659039	-1.94366982
Pt	-0.82910248	-2.60108124	-0.00006308
Pt	-1.58580753	1.41549526	1.94415423
Pt	1.55127399	-1.80112900	-0.00075184
Pt	-1.63158125	-1.37307357	2.20375410
Pt	3.05306657	-0.02671492	-1.30342611
Pt	-0.71498548	2.84627298	0.00057770
Pt	0.41850264	-0.04103837	1.49632656
Pt	-2.04596536	-0.11783741	-0.00004146

13

#5.856:quintet:UNK =	-2.09669681		
Pt	1.72707160	3.44029027	-0.08770720
Pt	-1.80328917	-0.05054413	-1.09736907
Pt	2.26677078	1.06947861	0.23438292
Pt	-2.16746622	0.94204258	1.17911981
Pt	-1.80258725	-1.29260355	2.34665420
Pt	-0.85592527	-2.01575889	-2.45154557
Pt	-0.11708483	1.82429390	-0.43027923
Pt	0.26969660	-0.12096121	1.49168198
Pt	2.52338835	-1.31318352	1.36645389
Pt	3.21673446	-0.93437360	-1.05244996
Pt	0.83191727	-1.68146091	-0.58853926
Pt	-1.56846409	-2.28026519	0.00851326
Pt	-2.52076224	2.41304564	-0.91891577

13

#5.459:singlet:UNK =	-2.09668752		
Pt	1.01492479	-1.26839001	1.05926947
Pt	-0.13765128	-0.00835224	3.09112049
Pt	-1.47547726	1.29393047	1.24378269
Pt	0.89270108	-2.05271339	-1.32654872
Pt	3.12897099	1.25681673	-0.36371817
Pt	-0.55500129	0.00335121	-1.45118271
Pt	-1.69319189	2.28842840	-1.09603316
Pt	0.87386895	2.07079530	-1.31878379
Pt	3.14327242	-1.23859446	-0.36021396
Pt	-1.46582787	-1.30566793	1.23212944
Pt	-1.67171414	-2.29507364	-1.11148603
Pt	1.00423163	1.26632831	1.06023553
Pt	-3.05910611	-0.01085875	-0.65857108

13

#5.781:triplet:UNK =	-2.09660839	
Pt	-3.54928804	-0.50801890 -1.00742194
Pt	0.62647797	0.41328369 1.52488227
Pt	3.52040261	0.22320454 -0.74434768
Pt	-1.13304837	2.13487942 2.07640974
Pt	0.43433377	-1.73510273 -0.44801011
Pt	-1.49769238	0.65568067 -0.00072483
Pt	-0.60238424	3.05839116 -0.20227491
Pt	2.42858364	-1.28959512 0.96279188
Pt	-1.19788323	-0.61494933 -2.18358866
Pt	1.48970701	1.71825524 -0.46374700
Pt	0.09552430	-2.06345571 2.13912521
Pt	-1.95777023	-1.77467078 0.52515511
Pt	1.34303719	-0.21790214 -2.17824909

13

#5.256:triplet:UNK =	-2.09658796	
Pt	0.45324224	-1.51547765 2.50122421
Pt	-3.24481361	1.05203744 0.09379183
Pt	-2.46130552	-1.36921408 -0.60898420
Pt	2.45911807	-1.36919063 0.61309767
Pt	-1.59426814	-0.19597069 1.64746502
Pt	-0.45811914	-1.52432636 -2.49514442
Pt	1.06420760	2.35415270 -0.72624344
Pt	-1.05916558	2.35748440 0.72190773
Pt	-0.00152769	-1.90718308 0.00363525
Pt	3.24854017	1.04581200 -0.10220451
Pt	1.59202145	-0.20417245 -1.64800905
Pt	0.90489493	0.63904625 1.18393620
Pt	-0.90282478	0.63700214 -1.18447228

13

#5.731:quintet:UNK =	-2.09658375	
Pt	0.74971510	0.40081998 1.37605641
Pt	-1.68122658	1.19268147 1.10512115
Pt	2.93017230	0.90846366 -0.61639278
Pt	2.88493868	-1.04022606 0.99249888
Pt	-2.77431009	1.40846680 -1.27767853
Pt	1.61923482	2.69630855 0.55506274
Pt	0.57191049	0.06900561 -1.20099673
Pt	1.33837704	-2.25790955 -0.63016015
Pt	-1.78898337	-0.83607150 -0.49507078
Pt	-0.46034330	2.37876439 -0.84448660
Pt	-2.51156140	-0.96293659 2.12031489
Pt	-0.32085697	-1.93016947 1.28196486
Pt	-0.55706671	-2.02719728 -2.36623335

13

#5.132:triplet:UNK =	-2.09657744	
Pt	1.21527294	2.11548412 -0.35809241
Pt	-1.05820577	2.79540221 -1.20643168
Pt	-1.93565005	-0.74191680 2.13221851
Pt	-2.13607782	1.43704042 0.68302554
Pt	0.59228556	-2.55058214 -1.88151218
Pt	-0.93386043	-1.88742906 0.06252525

Pt	2.40072147	-0.15789694	2.17363974
Pt	0.13917598	0.61078796	1.40034354
Pt	1.27598850	-0.06224026	-1.69993584
Pt	-1.17949103	0.21184339	-1.36052028
Pt	3.29262333	0.71659061	-0.00986250
Pt	1.64009354	-1.65692135	0.26553892
Pt	-3.31287622	-0.83016217	-0.20093661

13

#5.535:singlet:UNK = -2.09639739

Pt	0.36858525	-0.93817359	-1.69097957
Pt	-0.76973381	1.20794864	-2.41521240
Pt	-2.22920883	2.59154495	-0.73735905
Pt	2.88962575	-1.30042455	-1.47648926
Pt	-1.33125978	-2.39739839	-0.24549959
Pt	-2.88837619	-1.30330529	1.47531113
Pt	-2.05232988	0.05887997	-0.51558598
Pt	0.76815564	1.20595295	2.41570852
Pt	2.22650836	2.59319767	0.73967500
Pt	1.33342329	-2.39573561	0.24405215
Pt	-0.00068031	1.55807196	0.00031460
Pt	-0.36752424	-0.94133668	1.69122924
Pt	2.05281476	0.06077796	0.51483521

13

#5.733:septet:UNK = -2.09630938

Pt	-0.15521904	0.95811947	-1.66592713
Pt	-2.56243079	-0.13400133	1.03257019
Pt	3.90124506	-0.87024344	0.00305081
Pt	-1.13704098	-1.10298880	2.91419015
Pt	-1.78183353	-0.94489114	-1.61320732
Pt	0.09945903	-2.65886483	-1.75158094
Pt	0.77797476	0.21594489	1.88363665
Pt	-2.93146660	1.28854762	-1.07631306
Pt	-0.88023156	1.67261607	0.64979997
Pt	1.55221213	-0.76889898	-0.86225325
Pt	0.99753890	2.95368770	-0.48659993
Pt	2.56206752	1.19373567	0.39744209
Pt	-0.44227489	-1.80276291	0.57519176

13

#5.413:quintet:UNK = -2.09626704

Pt	-1.11603680	-1.85643409	1.81615111
Pt	-1.95194495	2.75729765	-0.07906814
Pt	0.51540944	2.59281123	-0.47093230
Pt	1.27766204	-1.24561316	1.17173788
Pt	1.03131665	1.22311303	1.65533639
Pt	0.01590785	0.19664967	-1.13139219
Pt	-2.82268883	-1.49954058	-0.20706678
Pt	2.92750559	1.98312064	0.01013996
Pt	2.48451658	-0.32429128	-0.87480126
Pt	-2.45852367	0.68314068	-1.41985548
Pt	-0.47726036	-2.26312866	-0.76657906
Pt	1.98116730	-2.80213008	-0.87106998
Pt	-1.40703086	0.55500495	1.16739984

13

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#5.998:quintet:UNK = -2.09615920
Pt 1.33369235 -1.07841590 2.38365202
Pt 0.36036914 -1.73844337 0.11120282
Pt -2.22151131 -1.64233891 0.34266774
Pt -0.03220628 3.02392153 -1.24230753
Pt -1.92140948 1.93058847 0.04386483
Pt 1.64044368 1.86783928 0.32780138
Pt -0.27430465 0.61129199 1.41249361
Pt 0.87526645 0.65544837 -1.75678859
Pt -1.08735033 -2.55700734 -1.80446686
Pt -1.49863779 -0.05772694 -1.45431837
Pt 2.47560338 -1.24013175 -1.20107733
Pt 3.12265017 -0.07124530 0.96216462
Pt -2.77260534 0.29621985 1.87511167
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13

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#5.926:triplet:UNK = -2.09611954
Pt 2.07760064 -2.19520386 -0.41920126
Pt 3.51603042 -0.06317787 -0.51952581
Pt 2.19424068 1.12733231 1.28339488
Pt 0.58025239 -0.80618121 1.12744664
Pt -1.77763964 0.79353598 0.23975614
Pt -0.50324029 -2.22134666 -0.70849395
Pt -1.62869446 2.37574633 -1.75518867
Pt 1.18014189 0.07171617 -1.49927126
Pt 0.40281540 2.16722641 -0.25775951
Pt -1.25389835 -0.13714982 -2.08753092
Pt -1.73671440 -0.84393887 2.19079594
Pt -0.18461827 1.33279984 2.38426373
Pt -2.86627602 -1.60135875 0.02131407
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#5.103:septet:UNK = -2.09605976
Pt 0.12313847 0.92069351 -1.35374413
Pt -3.27980190 -1.90687431 -0.38272985
Pt -1.48758774 -1.23978100 1.31871872
Pt 1.52061542 -1.28046558 -1.81192959
Pt 1.16520326 2.89973205 0.12221142
Pt -0.47294204 1.25457167 1.24095150
Pt -2.52230471 0.52132321 -0.51320223
Pt 2.50496655 0.77285908 -0.21097163
Pt 3.50433474 -1.56659649 -0.12489718
Pt -0.95923850 -1.48478491 -1.39918957
Pt 1.09300028 -1.25731487 0.72016796
Pt -1.45114539 2.83194100 -0.57706723
Pt 0.26176156 -0.46530337 2.97168179
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#5.743:triplet:UNK = -2.09605927
Pt 1.58030280 -0.80548782 -0.27663969
Pt -2.29300383 0.12405320 0.37713462
Pt 1.11277672 -1.34814242 2.27497327
Pt 0.64752564 -2.83234783 -1.49143578
Pt -0.63346250 -1.97891736 0.51321908
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Pt	-1.52949121	-0.77116664	2.63492712
Pt	3.56179277	0.35423995	-1.16271193
Pt	-0.49673359	1.40654385	-1.09366485
Pt	-2.81016219	0.86028083	-1.99461472
Pt	-1.07868512	-0.99838665	-1.93927635
Pt	-0.09703729	3.24472283	0.63762556
Pt	1.85603681	1.82378924	-0.13106468
Pt	0.18014099	0.92081883	1.65152835

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#5.294:triplet:UNK =	-2.09599015		
Pt	-1.01130975	3.42052569	0.01761026
Pt	-0.56907648	-1.30892815	1.38262061
Pt	0.43930575	-0.01808877	3.38311236
Pt	-0.17251360	-1.27362270	-1.19172484
Pt	3.96119962	-0.00190240	0.25343046
Pt	-2.54256370	-1.28582851	-0.23339618
Pt	2.11230407	0.00535766	-1.39414196
Pt	1.65191716	-0.00624795	1.12660072
Pt	0.41628067	0.01779134	-3.32653122
Pt	-0.16935449	1.28701535	-1.17792528
Pt	-0.56664663	1.29716988	1.39681944
Pt	-1.00979085	-3.42002993	-0.01601037
Pt	-2.53975176	1.28678850	-0.22046400

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#5.138:triplet:UNK =	-2.09598590		
Pt	1.37436466	0.96100730	-1.19423478
Pt	-1.08610538	1.84367151	-1.52038650
Pt	3.52498134	-0.30574838	-0.62207121
Pt	-0.84923479	-0.64965135	-1.72956216
Pt	0.17240170	0.02289768	3.17281816
Pt	-0.47739061	-1.47824505	1.23981188
Pt	1.43975601	-1.71127812	-0.87782288
Pt	0.66922877	3.22693077	-0.21909572
Pt	-2.65558452	-1.13865454	-0.06040333
Pt	1.91723141	-0.20024925	1.35965290
Pt	-0.80082141	-3.03404021	-0.77865713
Pt	-0.37326658	1.11469354	0.92285950
Pt	-2.85556060	1.34866608	0.30709126

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#5.224:quintet:UNK =	-2.09596453		
Pt	-1.57106535	-0.77240620	2.60227008
Pt	1.39613020	1.78560774	1.79361674
Pt	1.09737740	0.56910195	-1.22827353
Pt	-2.16976849	2.24396109	-1.60327699
Pt	-0.57155571	-2.21121992	-0.56363571
Pt	0.43098422	-0.49372226	1.04476216
Pt	-1.25242588	-0.11265372	-1.88217691
Pt	1.61616700	-1.88878669	-1.81034960
Pt	3.17040675	0.99881333	0.23503073
Pt	-0.16844824	2.47740288	-0.06358345
Pt	2.73846569	-1.47397991	0.39707661
Pt	-1.93258175	0.66015265	0.48002412

Pt	-2.78368583	-1.78227094	0.59851574
13			
#5.53:quintet:UNK =	-2.09584300		
Pt	1.12592458	-1.52711092	-1.39718700
Pt	-0.87765169	-1.42637752	0.65337052
Pt	2.61580256	0.65786537	-0.72613783
Pt	1.26357407	2.69312323	-0.07606372
Pt	-0.01634887	0.84471775	-1.39829246
Pt	3.35620088	-1.72082233	-0.15082418
Pt	-0.25831381	-0.77144315	3.03232366
Pt	1.50378299	-0.50545519	1.21491771
Pt	-1.33104935	2.90449506	-0.41322936
Pt	-1.35237311	-1.33725496	-1.86686781
Pt	-3.28682737	-1.74362148	-0.16215600
Pt	-2.42021887	0.64669790	-0.18597558
Pt	-0.32250202	1.28518624	1.47612205
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#5.506:triplet:UNK =	-2.09581713		
Pt	-2.26639561	1.19877310	-2.15650544
Pt	1.53440134	3.04088991	0.62680349
Pt	2.71273340	-1.46550377	0.41732255
Pt	-1.93646096	0.37803451	0.21907210
Pt	-1.42647282	-2.24790296	0.56846241
Pt	0.64183115	-1.22328626	1.86857062
Pt	-0.43876809	2.31594433	-0.83246062
Pt	0.54899683	-1.64649328	-0.99651769
Pt	1.38788635	0.64627665	-0.27351732
Pt	0.06174831	1.37187674	1.83970225
Pt	-1.81011185	-1.30808212	-1.81528792
Pt	-1.64742858	-0.39795870	2.61190053
Pt	2.63804053	-0.66256815	-2.07754494
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#5.986:triplet:UNK =	-2.09576347		
Pt	3.26594769	0.91344681	-0.94302306
Pt	1.25987957	1.45990600	0.53738429
Pt	-2.67962870	1.82081015	-0.62491629
Pt	2.86245915	-0.51340221	1.16786148
Pt	-0.10129349	-2.15323312	-2.37315151
Pt	-1.21439126	0.90088774	1.22787302
Pt	0.85500937	-1.66657468	0.07173014
Pt	0.52386325	-0.70034351	2.36811885
Pt	-1.96011699	-1.30827326	2.21684169
Pt	-1.56373949	-0.05814195	-1.86188200
Pt	-1.56917943	-2.00287701	-0.18390706
Pt	0.90243788	0.21456201	-1.65287950
Pt	-0.58124756	3.09323305	0.04994993
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#5.608:triplet:UNK =	-2.09574730		
Pt	1.09255741	0.70945855	-1.43003593
Pt	0.73138758	1.15700157	1.09000812
Pt	3.15875699	-0.65414621	-0.94810971
Pt	2.91746569	-0.05104367	1.49265215

Pt	-1.17717031	1.94069097	-0.87897152
Pt	-1.77769964	-1.21174162	1.11789663
Pt	-1.25080260	-3.07383617	-0.62156515
Pt	-1.32193801	-0.62845129	-1.32051133
Pt	-1.74130764	1.25718580	1.69073316
Pt	0.97629404	-1.90444107	-0.87260698
Pt	-3.33464769	0.66283025	-0.33814482
Pt	0.69396157	-1.33101549	1.61931827
Pt	1.03314261	3.12750839	-0.60066291

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#5.154:triplet:UNK =	-2.09566496	
Pt	-2.18264194	-1.73550013
Pt	0.24171280	-1.59737517
Pt	1.49962159	0.63013758
Pt	2.31098577	0.02828145
Pt	0.87962862	-2.09457101
Pt	-2.63404059	0.23178692
Pt	-1.14483466	0.58044792
Pt	2.73222621	-1.66228101
Pt	-0.23561382	0.26694508
Pt	-1.56963227	-2.00728844
Pt	2.52254907	2.43072333
Pt	-2.44103429	2.46791077
Pt	0.02107351	2.46078271

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#5.820:quintet:UNK =	-2.09563541	
Pt	1.30163883	-0.54764390
Pt	1.44209953	-0.55085284
Pt	3.26408793	-1.69505399
Pt	-0.04700534	-1.05866029
Pt	-3.22854246	-1.77409919
Pt	-0.94328188	-1.47946306
Pt	-0.60885685	1.04957570
Pt	1.03831875	2.12406004
Pt	-0.55560323	1.07848486
Pt	-1.40655218	2.92040296
Pt	-1.02316246	-1.54129191
Pt	3.22549676	0.88946290
Pt	-2.45863740	0.58507871

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#5.467:triplet:UNK =	-2.09555223	
Pt	-0.53112026	0.31877149
Pt	2.88140987	-0.74841592
Pt	-1.16562741	0.67494138
Pt	-0.99270172	2.31973221
Pt	-2.56229043	0.56664614
Pt	0.86051897	0.69431445
Pt	-0.83640315	-2.15537793
Pt	1.82294891	1.11022006
Pt	3.49858771	-0.71322298
Pt	-0.00528610	2.80767897
Pt	-3.18832900	-1.91809631

Pt	1.27321167	-1.83918871	-0.04902562
Pt	-1.05491904	-1.11800286	0.92493679
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#5.994:quintet:UNK =	-2.09551440		
Pt	-1.72868544	1.29171773	1.05992476
Pt	-1.88470033	-1.84966692	-2.21590359
Pt	2.80153628	2.65507938	-0.00092907
Pt	2.53576806	0.22506764	0.26334176
Pt	2.52629066	-1.71251856	-1.40157860
Pt	-1.58559762	2.99062493	-0.83923465
Pt	-2.27592901	-1.31587937	0.24159924
Pt	1.97955434	-2.15597648	1.10647015
Pt	0.38321591	-0.25116456	1.69396048
Pt	0.54039447	1.71482867	-0.36955029
Pt	-1.47030307	0.56367433	-1.57421309
Pt	-1.92944510	-0.64304584	2.66193153
Pt	0.10790083	-1.51274096	-0.62581862
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#5.62:triplet:UNK =	-2.09548561		
Pt	-0.90682938	3.12132871	0.01486548
Pt	0.14771719	-0.02811359	-1.47376839
Pt	1.57405960	-1.60898144	-0.06224454
Pt	2.71021970	0.23748745	-1.60395307
Pt	-1.55647483	0.73484762	0.73399962
Pt	3.04338098	0.23096164	1.01678222
Pt	-1.87186399	1.51831690	-1.73171671
Pt	-1.52388551	-0.53207539	2.97431447
Pt	0.72071182	0.07150935	2.01243601
Pt	-0.30295383	-2.69346115	-1.44493179
Pt	-0.97178361	-1.87480781	0.89984230
Pt	-2.28997270	-0.99384118	-1.31941244
Pt	1.22767456	1.81682890	-0.01621315
13			
#5.428:triplet:UNK =	-2.09546132		
Pt	-3.00103165	-1.12423049	-1.26831867
Pt	0.64691350	1.30695406	0.72223703
Pt	1.98280556	-0.58720362	1.85315572
Pt	-1.11252163	-2.65936337	-0.38968938
Pt	-1.28042603	1.89685029	-0.78422010
Pt	1.80863731	0.51556872	-1.38134633
Pt	0.97251496	2.90322905	-1.40311384
Pt	-1.12542141	1.36023655	2.57790450
Pt	3.62748081	-0.81226215	-0.08668347
Pt	-0.58629790	-0.87183880	1.39866742
Pt	-2.67666725	0.38926227	0.73870234
Pt	1.33073489	-1.92559247	-0.34934834
Pt	-0.58672116	-0.39161003	-1.62794686
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#5.71:triplet:UNK =	-2.09543687		
Pt	-0.56462024	-1.20909580	1.14751935
Pt	-1.35795629	-2.57894734	-0.94167019
Pt	0.64263834	0.17759420	2.98701518

Pt	0.70324703	-1.03878667	-1.30163144
Pt	-3.01432353	-1.01861997	0.52316273
Pt	2.01629324	-1.11714932	1.13379499
Pt	-0.48302264	1.41801177	0.92906441
Pt	3.24816226	-0.96368689	-1.13054614
Pt	1.98552081	1.38070525	0.98734209
Pt	-1.58177057	-0.02686174	-1.49341049
Pt	1.81206717	1.20268387	-1.53679010
Pt	-0.51366014	2.26261941	-1.48492092
Pt	-2.89257543	1.51153324	0.18107053

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#5.302:quintet:UNK =	-2.09542490		
Pt	-1.16266035	0.91569603	-1.32631574
Pt	-0.60677569	0.73719103	1.51459035
Pt	-2.75799601	-1.76297425	-0.20620211
Pt	1.21582838	-0.27047834	-1.66872418
Pt	2.18544170	-2.07271910	-0.09620521
Pt	-1.35005964	2.89112215	0.29050642
Pt	-0.30092372	-1.71489430	0.33176411
Pt	3.24640935	1.07507256	-0.80813601
Pt	2.01574755	0.10068766	1.21166829
Pt	-1.01853291	-1.47192665	-2.14811925
Pt	-2.94374555	0.65877940	0.47195576
Pt	1.02882471	2.12340225	-0.29156616
Pt	0.44844218	-1.20895844	2.72478374

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#5.966:triplet:UNK =	-2.09531171		
Pt	-0.21146224	-1.69110885	-0.67560907
Pt	1.56126911	1.37892305	0.04493968
Pt	-0.81378421	0.98039422	1.05715562
Pt	-3.30849477	0.34321654	1.23326628
Pt	3.08269827	0.65379948	2.01939552
Pt	3.08755548	-0.61785634	-0.21025376
Pt	0.25332049	0.57389967	-1.98137564
Pt	-2.14987906	0.92640265	-1.09774131
Pt	-1.31821757	-1.45855686	1.73013950
Pt	1.78800424	-1.47152211	-2.20412039
Pt	-2.72387833	-1.51742178	-0.57551904
Pt	-0.40161722	2.86411037	-0.76203862
Pt	1.15448579	-0.96428005	1.42176123

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#5.153:singlet:UNK =	-2.09526893		
Pt	-2.82121553	-0.82902045	1.28402478
Pt	1.78718674	0.97389213	1.25208096
Pt	3.07506822	0.76147685	-0.95756618
Pt	2.08751441	-1.38080427	2.10626494
Pt	-0.72653440	0.77083235	1.34557092
Pt	-0.28471346	-1.76417851	1.27491121
Pt	-0.29542107	0.19833922	-1.12204347
Pt	1.62760017	-1.35549669	-0.48479536
Pt	-1.23436708	2.99189527	0.17146923
Pt	-2.66499887	1.02197390	-0.66331903

Pt	-1.76332087	-1.81149951	-0.85065738
Pt	1.02253336	2.31511262	-0.82405427
Pt	0.19066838	-1.89252292	-2.53188635

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#5.596:quintet:UNK =	-2.09524030		
Pt	0.62458218	-1.19606857	2.90299677
Pt	-2.58746257	0.88439935	-2.30838278
Pt	-1.08363815	-1.11059063	-1.83096654
Pt	3.70746980	-0.15458258	-0.99810515
Pt	0.27234779	3.23611552	0.38886337
Pt	0.34583614	0.98755283	1.61410798
Pt	1.37281173	-0.87671881	-0.70596282
Pt	-0.34255299	1.37108236	-1.19794535
Pt	-0.61289554	-1.71450296	0.76238896
Pt	2.08095098	1.55523477	-0.22968029
Pt	-2.33988154	0.32336411	0.16544193
Pt	-1.74828337	-0.17088005	2.56884281
Pt	0.31071555	-3.13440533	-1.13159887

13

#5.343:quintet:UNK =	-2.09523113		
Pt	-0.63003777	1.80943332	1.12565271
Pt	2.30664099	-2.20469838	-0.62290927
Pt	0.31887548	-1.52595473	0.82497631
Pt	-3.82646675	-0.41569296	-0.60557610
Pt	-1.72558498	-1.91628986	-0.90531147
Pt	0.48568041	-0.71293115	-1.59829041
Pt	-1.61774506	0.70040331	-1.35493712
Pt	-0.18235109	2.75149477	-1.20737952
Pt	3.63975509	-0.17716172	-0.04362179
Pt	-0.23602728	0.06570711	3.03754607
Pt	1.92060887	1.35349668	-1.15454878
Pt	-2.03911608	-0.39309428	1.24432577
Pt	1.58576817	0.66528789	1.26007360

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#5.269:quintet:UNK =	-2.09521767		
Pt	0.79664785	2.08337077	-0.43680830
Pt	-0.86572932	-1.79187632	-1.65581194
Pt	-0.97436656	-1.46524584	0.85767996
Pt	3.08599107	1.05338724	-0.39254176
Pt	1.47970772	-0.72073347	-1.53157594
Pt	3.40244159	-1.49133830	-0.03454335
Pt	1.34108232	-0.39807670	1.01032510
Pt	-1.53747689	2.93349083	0.14563812
Pt	0.00442467	-0.83829243	3.15516117
Pt	-3.17051855	-1.82541025	-0.44096392
Pt	-0.54994974	0.73766715	-2.08136208
Pt	-2.37779420	0.56766263	-0.31490050
Pt	-0.63445995	1.15539468	1.71970343

13

#5.281:triplet:UNK =	-2.09518796		
Pt	-0.24737661	0.05884609	-1.46240001
Pt	1.83547675	1.33420758	-0.67541256

Pt	-2.20239711	-1.51618560	-1.64180721
Pt	0.19442664	-1.38264449	2.69778707
Pt	-1.60912937	0.15210466	1.29055298
Pt	0.71776396	0.95424354	1.71224919
Pt	0.37101651	3.10839408	0.35810075
Pt	-0.99122912	-2.15783744	0.50763770
Pt	3.71842928	-0.39191977	-0.19919820
Pt	-3.55409828	0.20482184	-0.41788401
Pt	2.02540335	-0.91630808	-2.07515751
Pt	1.42464731	-1.37292959	0.40386988
Pt	-1.68293332	1.92520717	-0.49833807

13

#5.383:quintet:UNK =	-2.09502280	
Pt	-3.16268644	-0.06664208 0.97635294
Pt	2.17034137	-1.20585037 -0.62674919
Pt	-0.99993501	1.37922408 0.93102555
Pt	1.22235052	0.38719982 1.56364589
Pt	-0.05067978	2.65037953 -1.07961313
Pt	0.25480911	-2.43303791 -1.81103418
Pt	-0.02492739	-1.81363699 0.73500485
Pt	-1.94072745	-1.38178076 -0.82676850
Pt	0.08670831	0.14902550 -1.62302819
Pt	-2.34844595	1.23316911 -1.27244549
Pt	2.15057165	1.53738419 -0.52721401
Pt	3.71485144	0.09391108 0.91760237
Pt	-1.07223037	-0.52934519 2.64322109

13

#5.931:triplet:UNK =	-2.09495515	
Pt	-2.77487444	0.80206112 1.29243574
Pt	3.45649009	1.14382077 -0.79158227
Pt	2.22122231	0.12951766 1.24174292
Pt	0.51436557	-1.44255671 2.29833630
Pt	0.58435511	-2.78895343 0.03276346
Pt	-0.32297073	-1.02837687 -1.76978821
Pt	0.91243551	1.30182828 -0.96204848
Pt	-0.48779603	3.10617668 0.13643324
Pt	-2.84582410	-1.03734598 -1.54876137
Pt	-0.20844867	0.94624259 1.51324507
Pt	-1.71844794	1.19519997 -1.01573401
Pt	-1.45653743	-1.28368372 0.61239721
Pt	2.12603075	-1.04393035 -1.03943959

13

#5.241:quintet:UNK =	-2.09495141	
Pt	-1.07398419	-2.99675910 -0.38482739
Pt	-1.89014573	1.34362207 -0.94345198
Pt	0.57419121	1.50421969 0.61650720
Pt	-0.55211471	-0.68036634 -1.68897759
Pt	3.26686262	-0.97648507 -0.92769707
Pt	-1.74518815	1.56443856 1.66094428
Pt	2.51239005	-0.02293502 1.35410778
Pt	1.01513594	-1.62068252 0.14817854
Pt	-1.23772921	-0.91598750 1.21778183

Pt	1.57000809	0.75708842	-1.68497965
Pt	0.08839486	2.80690858	-1.52767075
Pt	0.40311131	0.26933023	2.85317347
Pt	-2.93093209	-1.03239200	-0.69308865

13

#5.846:quintet:UNK =	-2.09481462		
Pt	-0.95844193	-1.51494295	-1.73166444
Pt	1.50560052	1.42524849	0.03201665
Pt	-0.69137095	0.99027149	-1.29343819
Pt	2.92789569	-0.46305002	1.13916400
Pt	1.42957520	-1.64600214	-0.74208096
Pt	-2.98013566	0.02815631	-1.88393795
Pt	-1.53860858	0.12583700	2.91985325
Pt	3.18826733	0.10371792	-1.35458850
Pt	-0.43916770	-2.98159151	0.38635240
Pt	0.36313776	-0.73367993	1.40378657
Pt	-2.03277011	-0.56581537	0.50432505
Pt	0.00476537	3.34853409	-0.65303486
Pt	-0.77874697	1.88331662	1.27324699

13

#5.178:triplet:UNK =	-2.09480750		
Pt	2.15565554	-1.53829309	1.53445808
Pt	2.68354128	0.90727503	1.06156287
Pt	-1.80756145	0.85213343	2.41153809
Pt	-1.98587494	1.35163566	-0.49284554
Pt	-0.30309272	-1.01763503	1.45175854
Pt	1.34983616	1.28323907	-1.46084015
Pt	0.53762773	-2.12265688	-0.68097735
Pt	-2.64625913	-0.85437683	0.59369245
Pt	-0.64747503	-0.24436102	-1.92372433
Pt	0.18822168	1.36510488	0.80095175
Pt	-1.94641741	-2.37497911	-1.33111169
Pt	-0.28260804	3.20179003	-0.97031271
Pt	2.70440631	-0.80887613	-0.99415002

13

#5.876:triplet:UNK =	-2.09474094		
Pt	-2.36227350	-1.96980211	-0.28993461
Pt	-2.21914025	0.63985185	-0.12595562
Pt	2.53685622	0.57409967	-0.23093967
Pt	-0.38159315	1.67762463	-1.67166593
Pt	0.40591171	1.39854247	1.01203297
Pt	0.65989134	-0.60097825	-1.43073932
Pt	0.05705409	-2.37755795	0.30605748
Pt	-0.96938126	-0.58066364	1.84850187
Pt	2.59076655	-2.04442503	-0.32776911
Pt	1.61575737	2.90438731	-0.67819230
Pt	1.66821867	-0.91829815	1.85574897
Pt	-1.72478626	-0.50399923	-2.36734824
Pt	-1.87728153	1.80121843	2.10020350

13

#5.890:triplet:UNK =	-2.09470146		
Pt	2.31475318	1.36408850	-0.16039059

Pt	-1.20592399	2.24758933	-0.87271945
Pt	0.32185694	-2.60450240	-1.32643017
Pt	-1.01014153	-0.70013598	3.05123714
Pt	-1.73664432	-1.13988331	-1.76771272
Pt	0.73629407	3.14456591	0.54686017
Pt	4.24786209	-0.17670737	-0.42019687
Pt	-0.03142145	-2.10875382	1.17817164
Pt	-3.26278658	0.78691135	-1.09659132
Pt	-2.14906355	-0.82914802	0.69969515
Pt	-0.58398211	1.05110309	1.25096625
Pt	2.08007299	-1.24279366	0.07546129
Pt	0.27912428	0.20766638	-1.15835051

13

#5.403:triplet:UNK =	-2.09468632	
Pt	-0.51775895	3.29601315
Pt	3.00154163	0.91664780
Pt	-0.21624228	0.19481469
Pt	1.61932417	-2.07255126
Pt	-3.21119931	-0.91680538
Pt	-1.75921366	1.12880314
Pt	1.21657539	-0.88658201
Pt	-0.35325848	-2.87694719
Pt	-1.72183365	-0.59226079
Pt	-0.86609761	1.98262015
Pt	0.76927585	1.12957779
Pt	2.80688350	0.07970904
Pt	-0.76799659	-1.38303913

13

#5.424:triplet:UNK =	-2.09453562	
Pt	-1.71695963	1.60071968
Pt	2.44764181	0.07231491
Pt	-1.33576221	-1.86332217
Pt	-0.72334716	0.00488998
Pt	0.06781706	-2.43869365
Pt	-0.07204484	-0.25866485
Pt	1.31801655	-1.53211399
Pt	1.69365482	0.91813770
Pt	-2.60037172	-0.25944860
Pt	0.81893414	1.81998285
Pt	-0.20227688	2.65685155
Pt	-3.26473384	-0.24021641
Pt	3.56943190	-0.48043700

13

#5.427:quintet:UNK =	-2.09446626	
Pt	-2.36444212	0.58175940
Pt	-2.48161302	-0.04337054
Pt	-2.15104208	-0.69766533
Pt	1.95073202	-1.22590998
Pt	-0.08442498	-1.51413660
Pt	-0.72957708	1.76398509
Pt	0.22568701	-0.73158101
Pt	0.39217118	3.36592551

Pt	-0.25340478	0.95612707	1.38691398
Pt	3.91204666	0.26150330	-0.45975694
Pt	1.66708012	1.28370759	-0.25487801
Pt	0.34657412	-3.19081164	-1.13034531
Pt	-0.42978706	-0.80953287	-1.70470362

13

#5.363:triplet:UNK = -2.09438679

Pt	-0.93754916	0.74768616	1.41710176
Pt	-0.56823666	-2.00570420	-0.32200067
Pt	1.46404971	0.85547271	-1.08971852
Pt	-0.70625130	-1.61805770	2.56375386
Pt	1.12770517	-0.65418125	0.98523084
Pt	1.20405073	-1.52738045	-2.15534625
Pt	-2.59111040	-1.04336674	0.86268811
Pt	-0.85823918	0.08306234	-1.75650947
Pt	0.70243547	2.58806219	0.54725614
Pt	3.20250244	-1.05306933	-0.51492375
Pt	2.94001397	1.12583328	1.12855421
Pt	-1.64806847	2.19156594	-0.49902275
Pt	-3.33130233	0.31007706	-1.16706352

13

#5.771:quintet:UNK = -2.09436387

Pt	-1.21098583	1.40439448	1.21644530
Pt	-0.10787777	-0.97370304	1.00617293
Pt	-1.40108999	0.92155666	-1.49004341
Pt	3.19602864	1.52609068	0.68832453
Pt	-2.29395987	-1.40072001	-2.01340989
Pt	-1.83176730	-0.41133822	2.85618468
Pt	0.91108548	1.65675707	-0.39042946
Pt	2.43595538	-0.89190879	0.98207444
Pt	2.46577633	-0.05708398	-1.36990928
Pt	0.22321053	-1.22235536	-1.51804477
Pt	1.21826047	-2.97796074	0.12560746
Pt	-2.56327792	-0.83716278	0.43526977
Pt	-1.04135814	3.26343403	-0.52824231

13

#5.473:triplet:UNK = -2.09435753

Pt	-3.69923950	0.59129055	-0.40347934
Pt	-1.71121141	-0.75031215	0.46996204
Pt	-1.93466635	-0.23289353	-2.07067408
Pt	3.41314485	1.95510375	-0.23668054
Pt	1.91685833	-2.83186351	-0.33806746
Pt	-0.22016780	1.13855233	1.82967558
Pt	-1.45187545	1.95598370	-0.42207917
Pt	1.01608871	2.46452279	0.05898419
Pt	-1.10780794	-1.03415144	2.89463706
Pt	0.48520648	0.33974407	-1.26120457
Pt	-0.25759629	-2.08086933	-1.36507891
Pt	0.84536528	-1.10054456	1.24978222
Pt	2.70590109	-0.41456265	-0.40577702

13

#5.672:triplet:UNK = -2.09428992

Pt	-2.30378410	-0.59274973	2.46247041
Pt	-1.71371278	-1.72789048	-2.41994554
Pt	1.72324421	-2.08260382	1.32090791
Pt	-1.57923343	2.88659611	-1.11782608
Pt	0.08698585	-0.20801690	1.71901313
Pt	2.72613252	-1.77560124	-1.06256779
Pt	-2.22284420	-1.28643868	0.02661615
Pt	-1.94178839	1.33094124	0.85280946
Pt	0.19362730	-1.82134380	-0.73598654
Pt	2.40135431	0.24351036	0.49344865
Pt	2.89566225	2.59399944	-0.09042772
Pt	-0.77385570	0.45163852	-1.48371618
Pt	0.50821218	1.98795897	0.03520415

13

#5.873:triplet:UNK =	-2.09423532		
Pt	-2.38154710	0.24203279	-1.48217193
Pt	-1.69966294	2.31930117	-0.15547649
Pt	0.00604719	-1.32414490	2.10125390
Pt	4.29030990	-0.70960396	-0.31304699
Pt	0.05452540	-2.06770833	-0.63776543
Pt	0.77223178	2.82977900	-0.72371352
Pt	0.51784969	0.96217762	1.11065351
Pt	2.10551251	-1.37846363	0.66944315
Pt	-2.34608060	-2.32739230	-1.40712346
Pt	0.13559791	0.34498488	-1.38653493
Pt	-2.14174089	-0.95721372	0.73551621
Pt	2.49618432	0.94849531	-0.62684657
Pt	-1.80922717	1.11775606	2.11581256

13

#5.322:triplet:UNK =	-2.09416695		
Pt	-2.07816084	-1.49842368	-2.08660012
Pt	-0.54349195	1.82414899	1.14217578
Pt	-2.81388591	-0.83231515	0.30288375
Pt	-1.35812901	0.73511199	-1.02449315
Pt	1.55174797	0.31148111	1.32232488
Pt	3.45695766	-0.47130844	-0.23238194
Pt	-0.51401381	-1.33221954	1.16216433
Pt	0.12489567	-2.26493015	-1.07877382
Pt	1.68068279	2.37165110	-0.30594622
Pt	1.94642516	-2.29885592	0.74221328
Pt	-0.56251553	3.12526326	-1.21258623
Pt	-2.00972117	0.27018179	2.49413660
Pt	1.11920897	0.06021464	-1.22511716

13

#5.189:septet:UNK =	-2.09398682		
Pt	3.50143820	-1.59736943	-0.45712349
Pt	-0.00905834	0.95870979	1.31231144
Pt	-1.32655979	2.90311046	0.06706647
Pt	-3.49557027	-1.60275270	-0.45810642
Pt	1.31402451	2.90330303	0.07572805
Pt	1.26001516	-1.14498393	-1.72549595
Pt	2.49324055	0.69934139	-0.21942949

Pt	-1.24405125	-1.43735166	0.82299692
Pt	-2.48813184	0.68958790	-0.21007594
Pt	1.26958218	-1.41331026	0.85408138
Pt	-1.25799031	-1.14555702	-1.73961896
Pt	-0.01657237	-0.94891252	3.03266966
Pt	-0.00036641	1.13618495	-1.35500369

13

#5.949:triplet:UNK =	-2.09391401		
Pt	1.60154357	1.98708807	-0.13285554
Pt	3.28350819	0.08652576	0.19822380
Pt	-1.84361375	-0.79991068	2.24684537
Pt	0.06337016	-2.34847091	-2.19002173
Pt	-1.26556048	-0.12092674	-1.68082312
Pt	-3.27071049	-0.19943002	0.24553227
Pt	-0.15894837	3.66135981	-0.55321806
Pt	-1.18400317	-1.93772253	0.08555594
Pt	1.34507779	-1.99587300	0.07134840
Pt	1.25983082	-0.06516989	-1.56469922
Pt	-1.74481704	1.82355430	-0.13293512
Pt	-0.00909003	0.61396382	1.23030591
Pt	1.92341281	-0.70498798	2.17674110

13

#5.658:quintet:UNK =	-2.09382646		
Pt	-0.83414996	2.82535406	0.61245232
Pt	-3.14330266	1.74295694	-0.02239584
Pt	1.71962580	-0.87343258	0.41829316
Pt	3.58945077	0.81480911	0.01727095
Pt	-0.39845282	-2.40604430	0.71011474
Pt	2.25800016	-0.13242040	-2.00361805
Pt	-2.13590742	-2.42806198	-1.17482832
Pt	-1.04198154	1.07545187	-1.35061924
Pt	1.23492000	1.68937260	-0.43726529
Pt	-1.94650892	-0.43951509	0.51887232
Pt	0.83552407	-1.43184318	2.71306133
Pt	-0.11409373	0.74806375	1.83830154
Pt	-0.02312375	-1.18469081	-1.83963961

13

#5.840:quintet:UNK =	-2.09379981		
Pt	2.09631310	0.68315557	0.83797191
Pt	-2.24654421	-1.00034218	2.44399447
Pt	-1.50788819	0.78926762	0.75519188
Pt	0.14896247	-0.08279583	2.46077308
Pt	-1.51717354	-0.61253711	-2.10230394
Pt	-0.26512140	2.43749387	-0.71883307
Pt	0.68034000	0.18244756	-1.22300022
Pt	0.41323486	-2.35758905	-1.71586893
Pt	2.89754952	-1.14025997	-0.94080204
Pt	1.26190773	-1.81754554	0.92138566
Pt	1.82153945	3.09738028	0.46738771
Pt	-2.56987394	1.60042731	-1.43017438
Pt	-1.21324585	-1.77910252	0.24427787

13

#5.511:triplet:UNK =	-2.09376287	
Pt 0.01232395	-1.26801054	-1.80883275
Pt 0.04129970	-1.26617044	1.80263503
Pt 0.10301287	3.27219393	-0.00512048
Pt -2.28167102	-0.00423086	-2.30516218
Pt -1.68961841	-1.24441334	0.01070547
Pt 3.91886088	0.00493940	-0.00528117
Pt 0.00756966	1.26775360	-1.80578881
Pt 0.10660017	-3.27031564	-0.00309864
Pt 1.84712689	-1.34530394	-0.01639386
Pt -1.69777770	1.24507384	0.01098400
Pt 0.03453112	1.26916087	1.80197702
Pt -2.24396286	-0.00651288	2.33761904
Pt 1.84170476	1.34583599	-0.01424268

13

#5.45:triplet:UNK =	-2.09363652	
Pt 0.00870542	1.57290029	1.29946709
Pt -2.55821209	1.62570222	0.93469667
Pt 0.78629494	-1.32638090	2.83817643
Pt -1.15618382	-0.69687165	1.29785732
Pt -0.38828734	-1.94500523	-1.78019451
Pt 2.24297934	0.38332346	1.54605990
Pt 0.60347978	1.03003639	-1.16719871
Pt 1.98508871	-0.88985072	-2.05974885
Pt 3.08790713	1.18097865	-0.70874099
Pt -1.88585311	0.09823808	-1.08015775
Pt -1.34300837	2.64540976	-1.09682764
Pt 1.07396606	-1.42572836	0.25600416
Pt -2.45687663	-2.25275197	-0.27939311

13

#5.286:quintet:UNK =	-2.09357337	
Pt -1.82337256	0.24268360	-0.91553618
Pt -0.85136286	-1.62194509	-2.33948359
Pt 2.74757096	-0.90083134	1.10769672
Pt -1.25828521	0.80357824	1.69819648
Pt -2.77435501	2.27027205	0.30642391
Pt 0.70818176	-0.59035673	2.80899811
Pt -0.41832001	2.37222922	-0.73140860
Pt -2.57979852	-2.21186024	-0.62282009
Pt 2.01498687	1.94954478	-1.34473461
Pt 1.19753128	1.03885639	0.81826597
Pt 3.08703170	-0.36248452	-1.40927104
Pt -0.89460779	-1.73794925	1.18795023
Pt 0.84479938	-1.25173710	-0.56427730

13

#5.685:triplet:UNK =	-2.09351102	
Pt -3.41429686	-1.43812709	0.03941953
Pt 1.77115436	2.03070811	-1.82315003
Pt -1.78808003	2.56035438	0.65760166
Pt -1.06868280	-1.11821938	0.99868796
Pt 0.02765596	0.24843583	-2.30189776
Pt -1.99449126	0.51064821	-0.78836789

Pt	2.79959942	0.35840533	-0.22267372
Pt	0.55397396	1.66035518	0.36547035
Pt	2.99426464	-1.94963355	0.90840817
Pt	1.06309767	-1.38935412	-0.72237449
Pt	1.23424021	-0.49106994	1.97367616
Pt	-0.80829410	0.95987441	2.46491025
Pt	-1.37014116	-1.94237736	-1.54971020

13

#5.265:quintet:UNK =	-2.09333893		
Pt	-0.56679604	-2.06524892	-0.04862083
Pt	-2.40778055	-0.29944299	1.20488489
Pt	-0.82011019	-1.84586287	2.44400126
Pt	3.85861494	0.31123705	-0.49082795
Pt	1.71705149	-1.13806622	-0.65256273
Pt	-2.13904321	-0.33813534	-1.50723702
Pt	-3.20650165	1.58515609	-0.26533376
Pt	-0.08293276	-1.64742020	-2.54591277
Pt	1.84844421	1.93730966	0.04121849
Pt	0.10926478	0.71349951	-1.41536160
Pt	-0.02818255	0.44092716	1.53597144
Pt	2.44573256	-0.11611531	1.56455128
Pt	-0.72776104	2.46216239	0.13522930

13

#5.581:septet:UNK =	-2.09330093		
Pt	2.15015740	-1.22701085	1.09319072
Pt	0.43280560	3.13947266	-0.25893233
Pt	-2.39641073	0.01154305	0.21230660
Pt	-0.54409111	1.05041087	-1.43275135
Pt	-0.34794855	1.22100039	1.47847664
Pt	1.25837260	-0.81849154	-1.68693891
Pt	1.83270352	1.05582114	0.11054531
Pt	-1.16874690	-1.44854578	-1.94040304
Pt	-2.69407633	-2.47061016	-0.09388575
Pt	0.32647115	-0.84031182	2.81545012
Pt	-0.34011100	-1.70520683	0.52795494
Pt	-2.15725865	2.52677058	0.05602066
Pt	3.64813300	-0.49484171	-0.88103362

13

#5.635:triplet:UNK =	-2.09327690		
Pt	-0.82894872	-2.10079352	-2.08825375
Pt	-1.07017187	0.94678035	1.15816229
Pt	1.33834128	1.87683679	0.24245775
Pt	0.98615495	-0.65853600	1.61832254
Pt	3.76896450	1.70897855	-0.11888132
Pt	2.75857020	-0.56509802	-0.20324389
Pt	-0.82618343	2.36945841	-0.95829760
Pt	0.46690545	-0.03196811	-1.25859134
Pt	-1.21641091	-1.85354779	0.43785046
Pt	-2.17493616	-0.08463542	-1.25683074
Pt	-3.16636753	1.91191421	-0.02957327
Pt	-1.23655572	-0.96021819	2.81133891
Pt	1.20063796	-2.55917127	-0.35446002

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#5.992:triplet:UNK = -2.09326014
Pt 0.43966226 -0.13874596 -1.64618152
Pt -0.57181879 1.37377988 2.53330500
Pt 2.92998121 0.18172309 -1.25982352
Pt 1.61319692 0.90819143 0.90768382
Pt -3.28855677 -1.55855812 -0.48443089
Pt -0.22503128 -0.84833622 1.25558680
Pt 1.69530049 -1.91126011 -0.15030956
Pt -0.36055537 2.32309652 0.15906113
Pt -1.93231821 0.60701349 -0.80034123
Pt -2.56880103 -0.12985489 1.53369483
Pt -0.81216498 -2.26419922 -0.71720191
Pt -0.56377239 2.06721667 -2.39108141
Pt 3.64487795 -0.61006655 1.06003845
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#5.289:triplet:UNK = -2.09325460
Pt 0.37305943 -0.97023524 1.55128580
Pt 0.15294824 3.39114251 -0.04114533
Pt -0.97568997 -1.08848319 -2.11383697
Pt -0.49716334 -2.90473824 0.03514644
Pt 1.30197440 -1.40994270 -0.95903626
Pt -1.94137008 -0.73802345 0.22820426
Pt -3.00867849 0.51609509 -1.76090242
Pt -0.62914691 1.24331690 -1.15603911
Pt 2.87480902 -0.74133563 1.04481241
Pt -1.76651836 -0.38028875 2.76060914
Pt 3.27033625 0.18772679 -1.32452628
Pt -0.72796270 1.57910178 1.51079594
Pt 1.57340252 1.31566414 0.22463239
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Pt 0.98746567 1.34977844 0.71348968
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Pt -1.41364423 0.48986817 -1.54194115
Pt 1.12938548 0.43848966 -1.67025676
Pt -1.26217614 -1.98182987 -0.88545871
Pt -3.50743019 -0.82597828 -0.65025650
Pt 3.28842837 0.82328527 -0.18052043
Pt -0.30546623 0.54400769 2.95060152
Pt 1.22271186 -2.08043116 -1.20475823
Pt 2.94573943 -1.50837907 0.60780196
Pt -2.04095761 -0.60430563 1.43297465
Pt -1.46145167 1.73370846 0.66687259
Pt 0.49810779 -1.13485237 1.14249461
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Pt 2.17848847 -1.91926929 0.71880150
Pt -2.72343010 -2.04184468 -0.60348609
Pt -0.81103380 -1.52353051 -2.28156346
Pt 0.75987583 0.31574763 -1.58620741
Pt -0.38421230 2.40427984 -0.09445248
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Pt	-2.79095796	2.15918052	0.67525960
Pt	-1.14832577	0.50406943	1.72739277
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Pt	3.14979103	-0.14107801	-0.86516241
Pt	-1.89026616	0.35007041	-0.86273105
Pt	1.40968578	0.60481457	1.03560646
Pt	-0.30016939	-1.83320420	0.22874128
Pt	0.45479262	-1.23576984	2.63127584

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#5.81:quintet:UNK =	-2.09315755		
Pt	-0.65210647	3.22697596	0.62936254
Pt	-1.97587602	-1.28665261	2.40535590
Pt	3.11265398	0.52010573	-1.12686093
Pt	-0.73268142	0.77738997	1.49357341
Pt	-1.97900736	-0.44989461	-2.52987477
Pt	2.63247432	-0.36153495	1.30312932
Pt	0.38292798	-1.52421736	1.45168253
Pt	1.42013193	1.74872067	0.52497298
Pt	-2.53092965	-0.60703539	0.01536941
Pt	-1.55149368	1.62176679	-1.10599099
Pt	0.53263101	0.24054035	-1.39842429
Pt	1.95125349	-1.89620610	-0.74953649
Pt	-0.60997811	-2.00995843	-0.91275863

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#5.226:quintet:UNK =	-2.09312998		
Pt	1.83825680	2.10059377	-0.34916723
Pt	1.73793928	-0.00281146	1.43223104
Pt	-2.72979474	-2.20230250	-0.01280148
Pt	3.35674735	0.00065277	-0.58550104
Pt	-0.56112156	-2.24197790	-1.40891070
Pt	-1.87926102	0.00229626	-0.96645699
Pt	-0.55866429	2.24700472	-1.40274280
Pt	0.80912714	0.00199741	-1.46915461
Pt	-2.72774042	2.20612565	-0.00867228
Pt	1.83678188	-2.09973711	-0.35567981
Pt	-0.47699867	-1.42102259	1.01205230
Pt	-0.47689360	1.41524423	1.01557739
Pt	-0.16837816	-0.00606325	3.09922621

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#5.717:quintet:UNK =	-2.09302272		
Pt	-3.55857969	0.41750871	-0.93115383
Pt	-0.51794153	3.20698707	0.33566429
Pt	-1.87108993	-1.00040424	0.41338415
Pt	-1.32061170	-1.10569612	2.89369788
Pt	0.53734120	-0.99253718	-1.39459238
Pt	-0.61540492	1.02829031	1.68450055
Pt	-1.08372300	1.18730056	-1.10335564
Pt	1.81239168	-2.95047881	-0.36220380
Pt	1.30681489	1.48476181	0.00494273
Pt	0.63992657	-1.30446051	1.24780775
Pt	3.72669605	1.67985231	-0.42732486
Pt	2.79420614	-0.60407581	-0.18928846

Pt	-1.85002576	-1.04704810	-2.17207839
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#5.184:singlet:UNK = -2.09302114

Pt	2.30698709	0.43939875	1.44645099
Pt	0.06927070	-0.94628070	1.65801289
Pt	1.50071123	1.90649345	-0.61209514
Pt	-2.00405656	0.17067740	2.56573836
Pt	-0.31716821	1.52868240	1.16650465
Pt	-1.73423002	1.00486130	-0.91014232
Pt	-1.96331741	-1.30694690	-2.19434920
Pt	2.01800731	-2.06613363	0.53414281
Pt	-2.35511357	-1.07233862	0.36364404
Pt	-0.59842149	3.28701046	-0.81060929
Pt	0.39642089	-0.20240930	-1.52363510
Pt	-0.24561658	-2.49456824	-0.60424852
Pt	2.92652662	-0.24844639	-1.07941418

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#5.515:triplet:UNK = -2.09291074

Pt	-1.77574878	-1.08678113	2.08276934
Pt	0.03962506	2.53593887	-0.51168191
Pt	1.75768772	0.66677273	-0.86076952
Pt	-0.39452880	1.04450654	1.51635372
Pt	-2.59696477	-2.01333474	-0.32583881
Pt	1.38187813	-1.80015842	-1.72144503
Pt	3.46217311	-1.18584574	-0.35558912
Pt	-0.75261195	-0.31662562	-1.28010490
Pt	1.66554868	-0.52976372	1.39063177
Pt	1.88855589	2.27377764	1.25525429
Pt	-2.59690913	0.58807029	0.26748781
Pt	-1.98473249	1.88554643	-1.85175195
Pt	-0.09397267	-2.06210313	0.39468431

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#5.147:quintet:UNK = -2.09289890

Pt	0.24464090	-1.08714164	3.05499671
Pt	1.36259966	-1.21228340	0.79188134
Pt	-0.10625912	-1.72174487	-1.52476370
Pt	2.42470169	-1.39806613	-1.57676286
Pt	-1.20967590	-1.87693289	1.12972647
Pt	-2.60273482	1.99515159	0.57209776
Pt	1.29361300	2.36935528	0.65395915
Pt	-2.57001299	-2.04418778	-1.02161720
Pt	3.08313086	0.55892545	0.19781978
Pt	-1.70310709	0.32617193	-1.14877618
Pt	-0.70290507	2.71198194	-0.95502428
Pt	0.99039812	0.77768845	-1.40914189
Pt	-0.50438925	0.60108208	1.23560488

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#5.350:triplet:UNK = -2.09279320

Pt	-3.42764822	0.16373227	-0.70069823
Pt	1.80055053	1.71375386	0.81422489
Pt	0.82806539	0.90382471	-1.38936706
Pt	-1.30047216	0.22615224	1.32924707

Pt	2.92026140	-1.70864041	-0.18751464
Pt	-0.78351220	-2.16647243	2.20134824
Pt	1.08468269	-0.67194022	1.30964818
Pt	0.54911778	-1.63495818	-1.07746154
Pt	-1.38528233	-0.16281342	-2.30939907
Pt	-1.80667034	-1.77345082	-0.11702493
Pt	-0.40422795	2.62833858	1.65179738
Pt	-1.38711508	1.84060382	-0.58783231
Pt	3.31225049	0.64187000	-0.93696796

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#5.368:triplet:UNK =	-2.09272584		
Pt	-2.47767501	0.39415869	-0.03705899
Pt	1.96993930	1.02277845	1.58328446
Pt	-1.93815620	-0.56186051	2.51027906
Pt	2.85834424	-1.41171286	0.82302071
Pt	1.20693895	-1.14488475	-1.24091628
Pt	-1.79540289	-1.99957550	0.34650539
Pt	-0.84554077	0.32989452	-1.96033788
Pt	-1.61121459	2.67666957	-0.95176052
Pt	0.83193015	1.89010296	-0.72699809
Pt	-0.92787114	-2.26006183	-2.02639934
Pt	0.33754657	-0.96633287	1.20220551
Pt	-0.61842549	1.42333441	1.34770912
Pt	3.00958687	0.60748972	-0.86953315

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#5.80:triplet:UNK =	-2.09253170		
Pt	0.36112315	1.90122901	0.35501992
Pt	-0.60533910	0.18144208	2.15629759
Pt	2.71447488	-2.11407587	-0.62091568
Pt	-1.76329917	-2.05727854	1.39849372
Pt	-1.92274153	2.60605029	-0.56069018
Pt	-0.46295261	-0.54875362	-1.35921399
Pt	1.90106858	-0.12493847	-2.08270873
Pt	1.58593128	1.41217395	2.56718877
Pt	-2.51899185	-2.03121639	-1.04370435
Pt	2.35181859	0.29322555	0.40142064
Pt	0.64663249	-1.53890232	0.74381031
Pt	0.03539741	1.76928391	-2.15670930
Pt	-2.32312211	0.25176042	0.20171127

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#5.756:triplet:UNK =	-2.09252926		
Pt	1.00235212	1.54146463	-0.07029069
Pt	0.57575337	-0.36430672	1.72491283
Pt	-1.54508661	0.57165780	-1.09503014
Pt	-2.54843418	-0.99487947	0.57112555
Pt	-1.67371876	0.44246943	2.48093014
Pt	-0.40653574	-2.33642907	0.44478238
Pt	2.71771691	0.22499483	-1.39254440
Pt	0.49131805	-0.95738951	-1.55604790
Pt	-0.52099809	2.87723043	-1.61361461
Pt	-1.92599046	-1.92509963	-1.81024326
Pt	2.16562483	-1.86419138	0.28044464

Pt	-1.30362806	2.28847403	0.76261262
Pt	2.97162660	0.49600462	1.27296283
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#5.207:singlet:UNK =	-2.09248507		
Pt	3.31772485	0.74605177	0.33892536
Pt	0.82894119	0.77372329	1.10073402
Pt	1.84935871	-1.44487356	0.50488969
Pt	-1.53515418	-0.15181731	1.37144565
Pt	0.35478278	-1.40676499	2.61456983
Pt	-1.22313413	1.75355978	-0.94845079
Pt	-2.27240763	-1.58166446	-1.61332863
Pt	1.32519513	1.77995888	-1.19928345
Pt	2.45755923	-0.60000022	-1.82651485
Pt	-3.27983236	0.36021391	-0.37795067
Pt	-0.05709448	-0.40970427	-1.72184753
Pt	-0.62469534	-2.22064533	0.24393956
Pt	-1.14124380	2.40196249	1.51287182
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#5.936:triplet:UNK =	-2.09248345		
Pt	0.10097303	-1.64616217	1.39193487
Pt	2.88006987	1.55804473	0.20868834
Pt	-2.02160051	2.41027138	-0.43280528
Pt	-1.40931333	0.72669122	-2.24262987
Pt	-2.66344990	-0.64388456	-0.41619906
Pt	2.36835100	-1.07821698	0.40454181
Pt	-2.35413442	-1.49472462	1.98807484
Pt	0.45468277	2.39591725	0.12922998
Pt	1.41525948	0.60405515	2.18122267
Pt	1.85128304	-2.00654263	-1.91740869
Pt	-1.05440214	0.58753463	1.12607064
Pt	0.97674103	0.33928938	-1.24262461
Pt	-0.54445991	-1.75227277	-1.17809564
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#5.574:triplet:UNK =	-2.09247707		
Pt	-0.93345967	-1.70783105	-1.76686937
Pt	2.88397181	-0.47235295	1.22632334
Pt	3.30389163	-0.20153778	-1.29500339
Pt	1.57341540	1.29400573	-0.12828357
Pt	-2.13935906	-0.31024958	0.53146992
Pt	1.34088192	-1.65484886	-0.55772045
Pt	-2.94333694	-0.12524506	-1.89305668
Pt	-0.59661778	0.77769162	-1.42511753
Pt	-1.58054951	0.44732302	2.90375533
Pt	-0.68423359	1.97363970	1.07358557
Pt	0.39071148	-0.57655067	1.71274473
Pt	-0.73897609	-2.62270556	0.62686952
Pt	0.12366040	3.17866143	-1.00869741
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#5.698:triplet:UNK =	-2.09245985		
Pt	1.70142263	-1.64270604	0.14575189
Pt	0.00075770	1.08767648	1.35367634
Pt	0.00091442	3.09279613	-0.27725010

Pt	2.50160330	0.50544026	1.31552078
Pt	-0.00228009	-1.40786539	2.02577326
Pt	-2.49999035	0.50535162	1.31587989
Pt	1.88436334	1.55072908	-0.98891755
Pt	-3.64644527	-0.31305255	-0.87242204
Pt	-1.88363400	1.55198241	-0.98836750
Pt	-0.00008670	-0.14921797	-0.96965434
Pt	0.00032996	-2.82297142	-1.33058773
Pt	-1.70282309	-1.64280564	0.14305984
Pt	3.64586813	-0.31535698	-0.87246276

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#5.451:quintet:UNK =	-2.09243749	
Pt	-1.94678089	-2.23531023
Pt	1.81840341	-0.46086388
Pt	-1.41188328	-1.82781580
Pt	0.46012602	-1.73759800
Pt	-2.49707583	2.26090859
Pt	-0.28875436	1.07283262
Pt	-0.81081699	0.16929295
Pt	-2.73038647	-0.07410962
Pt	3.72066668	0.94766392
Pt	2.86250948	-1.09945176
Pt	-0.56470127	2.60570649
Pt	1.48998333	1.08507451
Pt	-0.10128983	-0.70632980

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#5.410:quintet:UNK =	-2.09241593	
Pt	-2.74357177	-0.75410280
Pt	1.43116658	-0.61950904
Pt	3.20148537	1.05047133
Pt	-0.96522020	0.82273804
Pt	-1.43124321	3.00295060
Pt	-0.57931731	-1.54643544
Pt	3.39153473	-1.48895837
Pt	-2.87456116	-0.84241508
Pt	-0.65381347	-1.53583661
Pt	1.56906566	-0.17690647
Pt	-0.90325250	1.02747848
Pt	0.94525503	2.16958025
Pt	-0.38752775	-1.10905489

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#5.871:triplet:UNK =	-2.09239842	
Pt	1.13406927	1.68689504
Pt	-0.23868638	-1.97220075
Pt	2.39790072	-0.65594724
Pt	1.91219179	-0.68365635
Pt	-2.40975882	0.85036743
Pt	-2.44424400	-1.59740493
Pt	-0.25629137	0.55587154
Pt	-2.28382990	-0.89035321
Pt	1.06662303	-2.74263678
Pt	3.32207136	1.25080807

Pt	-1.02404385	1.80228818	-1.94906005
Pt	-0.24626585	-0.59476692	-1.62089454
Pt	-0.92973599	2.99073592	0.47931428

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#5.868:triplet:UNK =	-2.09233615		
Pt	0.07725527	0.36415072	-1.60957627
Pt	0.09389877	-2.12072873	-1.53404274
Pt	-1.63996444	-0.65058484	2.85483255
Pt	-1.93037641	1.22119590	-0.28087357
Pt	-2.22227875	-1.00481194	-2.01768737
Pt	1.14229879	2.87655815	0.55179080
Pt	1.82514221	0.45696499	0.24911046
Pt	-0.30814455	1.15081425	1.68594842
Pt	-2.67186621	-1.02963450	0.51962231
Pt	4.09075020	-0.51690808	0.07604293
Pt	2.14708387	-2.08240219	0.05238604
Pt	-0.37010141	2.86041689	-1.43364376
Pt	-0.23369734	-1.52503062	0.88609021

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#5.853:quintet:UNK =	-2.09229513		
Pt	3.03217514	-0.50728057	-0.02124057
Pt	-1.35066667	3.11899907	-0.06417267
Pt	0.47282176	1.30470036	-0.01254159
Pt	-1.49835864	1.13829405	-1.68291168
Pt	-1.44038575	-1.31205782	-2.45057634
Pt	-1.86389113	-0.67520282	0.02803321
Pt	0.84708713	-1.15534132	-1.35136213
Pt	-1.39731376	-1.19450804	2.52403232
Pt	0.87210616	-1.09073278	1.37757511
Pt	-0.51791630	-2.83273114	0.06757319
Pt	2.14411502	0.96038712	-1.92979571
Pt	-1.50344494	1.21997212	1.65069893
Pt	2.20367197	1.02550179	1.86468793

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#5.848:singlet:UNK =	-2.09223996		
Pt	1.66068715	-1.25359808	-0.80400032
Pt	-0.88244603	1.58786945	1.33321311
Pt	-0.03198426	-3.11879274	-0.29359626
Pt	-1.07697075	-0.96839209	0.67011647
Pt	-2.05365748	1.25733738	-1.02637701
Pt	-0.56936990	3.27022667	-0.54522402
Pt	-3.15091566	-1.01082649	-0.89375938
Pt	-1.15501853	-0.21931580	3.09472129
Pt	0.55867484	1.09070526	-1.11557195
Pt	3.03455465	0.82983479	-1.37246031
Pt	3.33804647	-0.15849668	0.91256157
Pt	-0.73027555	-1.19113492	-1.82406098
Pt	1.05867503	-0.11541674	1.86443778

13

#5.837:triplet:UNK =	-2.09223810		
Pt	1.58962375	0.38439170	-1.10880295
Pt	0.03213593	-1.62652182	0.99348328

Pt	3.54457856	-1.14051001	-0.39677838
Pt	-2.68874628	0.48439549	0.11649244
Pt	-1.51609170	-0.10972483	2.31241022
Pt	1.33875471	-2.17784762	-1.20678836
Pt	-0.89707306	-0.87092503	-1.23489564
Pt	-0.60770416	1.79089298	-0.57367615
Pt	-2.45570015	-2.10704959	0.48021516
Pt	0.23237199	1.68637742	1.79975682
Pt	1.99856124	-0.07092221	1.36553033
Pt	1.69392813	2.76044901	-0.15679239
Pt	-2.26463896	0.99699450	-2.39015439

13

#5.946:triplet:UNK =	-2.09222735	
Pt	1.29332903	-0.79320191
Pt	3.17203625	-0.58299665
Pt	0.61656443	1.54541104
Pt	-0.85718269	-0.83202142
Pt	-0.80883205	-1.46953750
Pt	-1.76134580	0.73079188
Pt	1.35498255	-2.33768404
Pt	-3.09127300	-0.93829411
Pt	1.00686063	0.27873266
Pt	-0.95326289	-1.62483245
Pt	2.80858051	1.88282884
Pt	-1.49488159	1.04925087
Pt	-1.28557539	3.09155280

13

#5.346:triplet:UNK =	-2.09222379	
Pt	-1.97602817	1.25498414
Pt	-1.54137833	-0.00041845
Pt	-0.01405939	-2.63432608
Pt	4.20423188	0.00047714
Pt	0.42109472	-1.25225004
Pt	-1.99205078	1.29967762
Pt	-1.97612308	-1.25433337
Pt	-0.01400719	2.63481119
Pt	0.16407979	0.00003581
Pt	2.14774685	1.37934800
Pt	2.14774774	-1.37911918
Pt	0.42144816	1.24963716
Pt	-1.99270221	-1.29852393

13

#5.93:triplet:UNK =	-2.09216143	
Pt	-0.45400716	0.33494656
Pt	-0.88165323	3.06849773
Pt	2.41472377	-1.76105436
Pt	-2.90089884	-0.29876418
Pt	-0.90967350	-1.66599167
Pt	-2.49269005	-1.56217740
Pt	-0.05965795	-1.72579260
Pt	3.32813496	0.53017016
Pt	-0.50228823	0.87073561

Pt	1.49315394	-0.74835393	-1.58034192
Pt	1.10048613	1.68150445	0.05260821
Pt	2.02955905	0.34183427	2.09889947
Pt	-2.16518890	0.93444535	-0.08158892
13			
#5.313:triplet:UNK =	-2.09209437		
Pt	0.12990583	0.75283987	2.79008519
Pt	-1.05028770	2.70287543	-1.26967245
Pt	-1.99828257	0.29659007	-1.64197559
Pt	-1.38024864	0.97049790	0.69509055
Pt	0.86366806	2.18406141	0.54935473
Pt	-3.20917583	-0.86447595	0.78253534
Pt	3.23770316	-1.61689998	-0.48333369
Pt	1.74597911	-0.49344154	1.28000829
Pt	-1.72954239	-2.16093351	-0.96522556
Pt	-0.72218994	-1.35053927	1.38676274
Pt	0.50916201	0.55344395	-1.57209655
Pt	0.76797197	-1.87500748	-0.90977249
Pt	2.83533692	0.90098911	-0.64176051
13			
#5.301:triplet:UNK =	-2.09195959		
Pt	-0.77746121	0.62607919	-1.47617548
Pt	-0.05888154	1.04945648	1.36124931
Pt	1.69408470	1.04993714	-0.86224898
Pt	1.98896912	-0.62162377	1.25312284
Pt	4.00664386	0.39595063	0.11025232
Pt	-2.33188449	-1.40838620	-1.59235895
Pt	0.21141449	-1.76771948	-1.22436475
Pt	-0.06940473	2.92185008	-0.44052577
Pt	-2.29130589	1.70917374	0.24101050
Pt	-1.35661539	-1.28409963	0.74510084
Pt	0.07806396	-1.04497328	2.80603485
Pt	2.64196795	-1.27083428	-1.27364223
Pt	-3.73559081	-0.35481063	0.35254551
13			
#5.937:triplet:UNK =	-2.09187483		
Pt	-2.41518016	2.42887936	-0.47480163
Pt	-0.54346538	0.31300070	1.58580473
Pt	-2.33485218	-2.45613652	0.20240203
Pt	0.87934340	1.13141112	-0.38008510
Pt	2.99140764	0.17204931	0.70443099
Pt	3.05658386	0.99105023	-1.75024868
Pt	0.12509974	-2.00025458	0.74131150
Pt	1.71694487	-1.12446315	-1.10136376
Pt	-1.23040599	0.49023505	-1.64423436
Pt	-2.73988894	0.02987811	0.36084554
Pt	-0.45048999	2.82474767	1.00158428
Pt	-0.59921865	-1.97139579	-1.77978107
Pt	1.54412177	-0.82900150	2.53413553
13			
#5.522:quintet:UNK =	-2.09184931		
Pt	1.68902551	2.41525354	1.37380945

Pt	-0.22470379	-1.77316512	-0.02492219
Pt	-2.37690281	1.99963608	-1.63488520
Pt	1.74740066	-0.92009515	1.28432605
Pt	3.46730583	-1.17638274	-0.61530433
Pt	-2.77406233	-2.13335805	-0.09084247
Pt	-1.60063376	-1.35565675	2.11346340
Pt	1.33023077	-1.40986490	-2.01027130
Pt	1.77029747	0.78182491	-0.59942617
Pt	-0.35133015	2.32023087	-0.11236155
Pt	-0.53323818	0.27571780	-2.00762564
Pt	-0.06009350	0.67236560	2.11301810
Pt	-2.08329572	0.30349393	0.21102183

13

#5.558:septet:UNK =	-2.09176103		
Pt	-1.65980021	-1.53522844	-0.97783668
Pt	2.83295732	-0.41800540	1.48432692
Pt	3.30192334	-0.21460877	-1.01280921
Pt	1.49977327	1.57114636	-1.10563750
Pt	0.43470548	-1.21880939	1.26383531
Pt	-3.42411659	0.28794213	-0.53372650
Pt	-2.09376277	-1.18019350	1.52468850
Pt	1.00075450	1.35320279	1.39563838
Pt	0.15577504	-3.21437488	-0.41258311
Pt	-1.09633915	1.05834392	-1.37435378
Pt	-1.57501061	1.25733182	1.10091138
Pt	0.88524230	-0.94941412	-1.28116649
Pt	-0.26210192	3.20266748	-0.07128723

13

#5.160:triplet:UNK =	-2.09171387		
Pt	1.68153338	1.06893009	-0.99877113
Pt	3.32359279	-0.81086539	-0.68650438
Pt	-3.29367948	-0.13743027	-0.57427800
Pt	-1.45809246	-2.02645335	-1.18847260
Pt	-1.48171237	0.66738374	1.16309276
Pt	-0.90170720	0.44862765	-1.35477091
Pt	0.22288207	-1.69498398	0.84303905
Pt	1.11886578	1.03087193	1.49243677
Pt	-2.24559618	-1.72904216	1.38958862
Pt	1.05159149	-1.55376720	-1.54287693
Pt	2.48654192	-1.06655351	1.67305057
Pt	-0.45049701	2.96665162	1.12908864
Pt	-0.05372272	2.83663084	-1.34462246

13

#5.942:singlet:UNK =	-2.09166039		
Pt	4.24083026	0.92736709	0.39078657
Pt	1.82590883	1.19161703	-0.11827416
Pt	-0.66341650	0.51215510	-1.43748304
Pt	-0.20545307	0.89617997	1.44369409
Pt	2.95870750	-1.16457534	0.16936334
Pt	-1.36162271	-1.16448988	2.67355266
Pt	-2.58755565	2.09647137	-0.91214831
Pt	1.13572140	-1.35932045	-1.60568202

Pt	-1.84307651	-1.83957428	0.15076798
Pt	-0.15856433	2.76000663	-0.29159984
Pt	0.52029534	-1.51064663	0.85247412
Pt	-1.25556032	-1.79825325	-2.32179441
Pt	-2.60621426	0.45306267	1.00634302

13

#5.646:quintet:UNK =	-2.09159156		
Pt	-1.41139103	-1.73872066	-0.92640944
Pt	0.52712946	-3.24003201	-0.32254552
Pt	3.35645431	-0.03514643	-0.78141567
Pt	1.45454467	1.60682248	-1.10206420
Pt	-0.47757798	3.17843219	-0.35920295
Pt	-1.76657130	1.34522324	1.00078204
Pt	0.77883652	1.48083799	1.36328018
Pt	-2.13029821	-1.08425018	1.57828902
Pt	-1.07702817	0.83857482	-1.38466076
Pt	-3.38071190	-0.09890936	-0.59052445
Pt	1.07415416	-0.96848804	-1.32678452
Pt	2.67438814	-0.19134435	1.67425737
Pt	0.37807132	-1.09299969	1.17699891

13

#5.83:quintet:UNK =	-2.09137429		
Pt	-2.28901698	-1.65493649	1.20076555
Pt	0.23543346	-1.79755480	-1.55348358
Pt	0.60908404	0.72048150	-1.47051930
Pt	0.30081770	2.32459474	1.80790441
Pt	3.09014530	0.50334788	-1.01116596
Pt	0.18856905	-1.93614901	0.96815332
Pt	-1.39707563	0.65585872	0.48875597
Pt	-2.22231753	-1.24796430	-1.35104721
Pt	2.47799171	-1.87052735	-0.25331201
Pt	-0.33981231	-0.08123449	2.75454999
Pt	-1.82984895	1.19253778	-2.03897159
Pt	1.60128954	0.29431830	1.04426070
Pt	-0.42525940	2.89722750	-0.58589029

13

#5.455:quintet:UNK =	-2.09137008		
Pt	0.52391374	0.99106620	1.52249476
Pt	0.37267918	0.11687598	-1.27972936
Pt	0.58405921	-1.49604674	1.14027768
Pt	-1.95586572	0.98122233	1.31670855
Pt	2.43060148	-1.54836898	-0.76430565
Pt	2.76357244	1.16403501	-0.85115880
Pt	-1.86428755	-1.54370008	1.67951216
Pt	-2.38790803	-2.04600638	-0.76767552
Pt	0.62056200	2.51027294	-0.51017406
Pt	-2.09845239	0.42331553	-1.19074548
Pt	2.83282226	-0.04414118	1.45489612
Pt	-1.88115119	2.86535444	-0.46220916
Pt	0.05945458	-2.37387906	-1.28789123

13

#5.593:quintet:UNK =	-2.09133616		
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Pt	1.04276848	1.35017335	0.76254461
Pt	-1.13344291	-0.49287060	1.49596434
Pt	-3.32730724	0.86181003	1.40479164
Pt	1.29238139	-0.72099778	2.22793818
Pt	1.49803548	0.03549719	-1.36110105
Pt	-1.08594538	0.25570760	-1.53753639
Pt	0.40913011	-1.94069300	0.08892664
Pt	0.41908671	2.46277766	-1.54790833
Pt	3.47071681	0.97987097	0.04076601
Pt	-1.41242647	2.03474121	0.23669455
Pt	-2.87896059	-0.99331813	-0.30500071
Pt	2.96080797	-1.51268574	0.26134238
Pt	-1.25484435	-2.32001277	-1.76742188

13

#5.962:triplet:UNK =	-2.09126254	
Pt	3.25145081	-1.47238782
Pt	-1.75053049	0.90577203
Pt	-1.01731165	-2.89608891
Pt	0.38075820	1.05461426
Pt	-1.28138292	-0.95558039
Pt	0.94999668	-1.50396449
Pt	-1.03657361	3.09786602
Pt	-0.07297855	2.40161600
Pt	1.70575736	0.52216676
Pt	0.32403614	0.76909353
Pt	2.75066250	0.20490549
Pt	-1.06327329	-0.85246602
Pt	-3.14061118	-1.27554648

13

#5.655:triplet:UNK =	-2.09110726	
Pt	-1.50697355	2.02213751
Pt	0.21944952	0.23731334
Pt	-2.45900141	0.19691529
Pt	0.09081737	-1.41816412
Pt	2.34830422	-0.29795086
Pt	1.35945604	1.69854892
Pt	-0.84819576	0.93769500
Pt	0.09713963	-2.17748637
Pt	-0.64146264	3.21707721
Pt	-1.54442712	-2.17366280
Pt	-2.46143425	-1.17848887
Pt	1.83370943	-1.51805574
Pt	3.51261851	0.45412148

13

#5.480:quintet:UNK =	-2.09102501	
Pt	1.42677494	-1.51692193
Pt	-2.03570386	1.41955770
Pt	-1.20046938	-0.91287488
Pt	3.54386182	-0.19706352
Pt	2.13497598	0.70541126
Pt	1.84356578	1.59571913
Pt	-2.31300888	0.54493637

Pt	1.33035240	-0.81314725	-1.47304950
Pt	0.12753126	-3.05138478	-0.75465245
Pt	-1.12291931	-1.45515368	0.95378519
Pt	-3.44533410	-0.56715743	-0.08717155
Pt	-0.16094494	3.14014990	-0.88899700
Pt	-0.12868172	1.10792910	0.74417040

13

#5.436:triplet:UNK =	-2.09098794		
Pt	1.58322325	-1.56428866	1.53877476
Pt	-2.37543974	0.01448673	2.02183194
Pt	1.00508723	2.92438073	0.88442645
Pt	2.39936028	0.92320050	0.22099811
Pt	-0.85010068	-1.72554666	0.80906567
Pt	-1.28603844	-1.29981069	-1.93183837
Pt	1.04386226	-1.89612172	-1.08708242
Pt	0.00182991	0.61697609	1.24387096
Pt	3.41315800	-1.36285959	-0.25933892
Pt	0.56209204	0.53836096	-1.50939049
Pt	-3.21507467	-1.12262946	-0.17367822
Pt	-0.34019854	2.88061973	-1.22038942
Pt	-1.94176090	1.07323205	-0.53725004

13

#5.222:triplet:UNK =	-2.09090462		
Pt	-2.88694320	-1.31274926	0.43689911
Pt	2.67852206	-0.24899627	0.19672161
Pt	0.86777669	-1.28795699	-1.18426946
Pt	0.89721989	1.55488568	-0.73719015
Pt	-1.44363675	-0.05128194	-1.35406874
Pt	-1.47155122	2.49502263	-1.16478121
Pt	-0.42834095	-1.64855565	1.02863204
Pt	0.71976727	0.62196182	1.93556004
Pt	-0.20547746	2.85975186	1.16647316
Pt	1.84753086	-1.59538223	2.20086764
Pt	-1.26503292	-2.65046831	-1.34146216
Pt	2.51530698	0.35299642	-2.27653980
Pt	-1.82514123	0.91077225	1.09315792

13

#5.761:triplet:UNK =	-2.09090028		
Pt	2.35065896	1.95518826	1.19972366
Pt	0.05630694	-0.92548068	1.50725923
Pt	1.35352767	2.20298789	-1.15359086
Pt	2.64625272	-2.26529061	-0.81954971
Pt	-1.16617875	2.69560382	-1.22625206
Pt	0.19175030	-2.62469936	-0.45154177
Pt	0.96298327	-0.29676655	-1.19446782
Pt	-0.14034394	1.54349019	1.05967736
Pt	-2.44611609	-1.09197347	1.55973541
Pt	-1.48710110	0.18014714	-1.39662134
Pt	2.49667768	-0.51558713	1.00887506
Pt	-2.57512544	1.27091879	0.62974781
Pt	-2.24329221	-2.12853830	-0.72299497

13

#5.674:quintet:UNK =	-2.09087608	
Pt	-2.74311039	-0.16065424 -1.02308054
Pt	1.44737361	0.61571361 1.17894095
Pt	-1.94434069	-0.83415380 1.27445109
Pt	2.11910213	-1.23167411 -1.39044178
Pt	-0.35327209	-0.55172818 -1.78255196
Pt	0.13311527	1.84511587 -1.10778775
Pt	-0.08748970	-0.26657196 3.03704420
Pt	-1.01487677	1.50782022 1.38948918
Pt	-2.32440822	2.31599054 -0.64754542
Pt	2.57487775	1.31264810 -1.08383143
Pt	0.30837697	-1.55110099 0.42530504
Pt	3.68203719	-0.39972234 0.50633309
Pt	-1.79738506	-2.60168273 -0.77632466

13

#5.168:quintet:UNK =	-2.09083635	
Pt	1.27156848	0.09229690 -2.26636000
Pt	-2.36997124	0.34731038 1.05908797
Pt	-1.26057107	-0.37452576 -2.24230877
Pt	-0.00159926	0.13580266 2.14126505
Pt	-0.84497082	2.50099656 1.59977797
Pt	-3.22562893	-1.30406701 -0.68856267
Pt	3.22774822	1.21435728 -0.83522256
Pt	0.83835488	-2.28018538 1.90169110
Pt	2.36695584	-0.21639077 1.09330233
Pt	0.77798966	1.49011190 -0.21038067
Pt	1.58563710	-1.84286089 -0.65131226
Pt	-1.58693443	1.74143585 -0.87600996
Pt	-0.77857844	-1.50428172 -0.02496751

13

#5.166:triplet:UNK =	-2.09074003	
Pt	0.46222677	-0.26470868 -1.79087175
Pt	3.82249550	0.15629919 0.64202199
Pt	-1.59009517	-1.88282569 -1.98911136
Pt	1.93285242	1.40176145 -0.50637898
Pt	-2.78349056	1.23264132 1.44298838
Pt	-2.60793601	-1.16952831 0.33310388
Pt	2.37549077	-1.62903219 -0.49261286
Pt	-0.29661331	1.50099785 0.80206987
Pt	1.53904563	-0.42231686 1.73010606
Pt	-0.92686527	-0.43556478 2.36813273
Pt	-0.02662445	2.54321535 -1.61853832
Pt	-1.80794933	0.73675777 -1.09992163
Pt	-0.09253698	-1.76769642 0.17901199

13

#5.604:septet:UNK =	-2.09070020	
Pt	-0.79275459	-2.07504180 -0.89192661
Pt	-1.84579115	1.23368065 -1.12377816
Pt	3.58014667	0.91403826 0.09492100
Pt	-0.69224895	-1.44760195 1.59736202
Pt	-3.04236283	-0.98906746 -1.24739164
Pt	0.43109760	0.10873867 -1.25303928

Pt	1.55281019	-0.21956621	1.25293976
Pt	1.36824755	-2.72979264	0.35071406
Pt	-2.96986193	-0.32105588	1.23226707
Pt	1.39510122	2.15953836	-0.03362925
Pt	-0.83045942	3.33322961	-0.09042699
Pt	2.65860465	-1.09295652	-1.14463983
Pt	-0.81252900	1.12585692	1.25662783

13

#5.338:singlet:UNK =	-2.09068589		
Pt	-1.26550550	0.95622695	0.56599848
Pt	-0.98845438	-1.25118747	1.70181229
Pt	3.41696848	-1.44624025	-0.32865805
Pt	1.01943661	-1.96240957	-1.05566268
Pt	0.79240079	2.53010682	0.48301113
Pt	-3.31876633	-0.67902085	0.59148786
Pt	0.51940038	0.41392120	-1.66047454
Pt	-1.98670045	0.01910658	-1.65692138
Pt	2.60282141	0.98000939	-0.36413055
Pt	-1.44803855	-2.28031240	-0.59905613
Pt	0.24174752	0.94722865	2.66755174
Pt	1.43443620	-0.73096079	1.15403659
Pt	-1.01974620	2.50353173	-1.49899477

13

#5.782:triplet:UNK =	-2.09067074		
Pt	-1.09152694	-2.04709029	1.27813962
Pt	3.28275770	0.20118978	1.14103935
Pt	1.40727708	-1.62409770	1.25922321
Pt	-2.03702302	0.66835201	-1.13967838
Pt	-0.65392773	2.79997963	-1.25815212
Pt	0.57568552	0.59893912	-1.29071204
Pt	1.44067486	-1.79861434	-1.26997514
Pt	-1.06430763	-1.80983736	-1.21517492
Pt	0.81879017	0.82777491	1.28779808
Pt	-0.74149933	2.82463152	1.27106129
Pt	-1.66860649	0.41466694	1.34968177
Pt	3.07264885	0.23141366	-1.33608465
Pt	-3.34094306	-1.28730788	-0.07716608

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#5.626:triplet:UNK =	-2.09063082		
Pt	-0.74245396	2.76463849	-1.22561772
Pt	-1.12987639	-1.76546522	-1.44985162
Pt	-2.17803506	0.70473925	-0.84689298
Pt	1.49388102	-1.74902804	-1.36536529
Pt	-2.01458666	-0.34522360	1.70627626
Pt	0.03725701	-1.36015988	0.72221554
Pt	0.28008325	0.00711060	2.92162943
Pt	0.37971039	0.46059860	-1.64747530
Pt	-3.44388662	-1.33233321	-0.18004385
Pt	2.14092442	0.10792830	1.00307385
Pt	1.77239071	2.22204751	-0.41968385
Pt	-0.29964937	1.60596503	1.01267465
Pt	3.70424125	-1.32081784	-0.23093911

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#5.722:triplet:UNK = -2.09062196
Pt -2.37013243 2.50566335 -1.07169853
Pt -1.02374215 -1.67525233 0.97754007
Pt 0.29004204 0.00078627 -1.36373178
Pt 0.78994039 -0.01362103 1.68403277
Pt -2.11332860 0.00670011 -0.59504816
Pt -2.38605422 -2.48765420 -1.08566954
Pt 2.24768333 1.36226384 -0.05233692
Pt 2.24352833 -1.37068447 -0.05666577
Pt -1.45032828 0.00182763 2.88870704
Pt 0.21431052 -2.48797851 -1.10453218
Pt 4.33237112 -0.00649823 -0.09612637
Pt -1.00237994 1.67406971 0.98024596
Pt 0.22808990 2.49037786 -1.10471658
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#5.492:singlet:UNK = -2.09061631
Pt 3.46901823 0.34720968 0.60249360
Pt -3.03105669 -1.00172600 -1.02369411
Pt -0.12832083 -0.63596974 2.97632230
Pt -0.53688995 2.77066230 -0.92488438
Pt -0.67764403 -2.03579048 -0.48930173
Pt 1.80735256 2.14305087 -0.08053408
Pt 1.81124778 -0.05501648 -1.43630605
Pt -2.02970575 -0.82125161 1.33246817
Pt -2.64275468 1.43338392 -0.00374620
Pt 1.26629033 -0.96625653 0.84657287
Pt 1.61928114 -2.59430719 -1.33334187
Pt -0.20828618 1.12716775 1.08714208
Pt -0.71853194 0.28884353 -1.55319061
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#5.693:triplet:UNK = -2.09061295
Pt 1.11132816 0.04602740 -1.31849805
Pt 2.41560157 1.79947619 0.28661879
Pt -2.73040329 0.83908741 0.14789749
Pt 1.22768959 -2.50763026 -1.12782106
Pt -1.78002493 2.51781589 -1.54678243
Pt -3.09579534 -1.46004693 1.14689939
Pt 1.05974369 1.01051401 2.38518380
Pt -1.16940285 -2.17376941 -0.42017969
Pt 1.66790664 -1.07200208 0.95054972
Pt -1.32323794 -0.01940710 -1.74498750
Pt 3.56925865 -0.27818584 -0.64008828
Pt -0.76339142 -0.55994527 1.59233112
Pt -0.18927253 1.85806600 0.28887671
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13

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#5.575:triplet:UNK = -2.09052539
Pt 2.10711131 -0.80256748 -0.76245859
Pt -2.46069711 -0.40617092 -0.77808371
Pt 0.49180629 -1.09583855 1.26436549
Pt 0.46974774 -2.00852480 -2.25384634
Pt -1.85843938 -1.57906931 2.10221126
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Pt	-0.80339707	2.58090391	-0.59019198
Pt	-3.23823111	1.93529402	-0.09753539
Pt	1.30998702	1.63733496	0.35490636
Pt	2.77556306	-0.13812907	1.71703218
Pt	-1.31394246	0.76821134	1.17956151
Pt	3.72922348	1.17934519	-0.26354143
Pt	-0.18063135	0.35488468	-1.62519617
Pt	-1.02810043	-2.42567397	-0.24722321

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#5.958:triplet:UNK =	-2.09052119		
Pt	0.18470059	-2.25869873	-1.74830965
Pt	3.62055034	0.27141475	0.80897599
Pt	-0.93600491	-1.66290417	0.53791084
Pt	0.92394620	0.27814828	-1.58782757
Pt	-0.81568722	-0.45079412	2.82383326
Pt	-3.41046213	-0.98359920	0.22728900
Pt	1.26770722	-0.69901073	1.38712224
Pt	-2.73740441	1.47242690	-0.02181799
Pt	-0.40590110	2.50271139	-1.21957430
Pt	2.47066331	-1.44550054	-0.72089955
Pt	-0.46799874	1.28003251	1.00445300
Pt	1.87063778	1.93727194	0.01389691
Pt	-1.56474693	-0.24149829	-1.50505219

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#5.971:triplet:UNK =	-2.09048708		
Pt	3.65057203	-0.73231365	-0.64758627
Pt	-0.61582341	-3.13998387	0.14188777
Pt	-3.12743893	0.05054660	-0.62691358
Pt	0.70209968	1.43107725	1.27393828
Pt	-1.85659375	1.56775679	1.57500449
Pt	0.68751111	3.28735566	-0.51681418
Pt	-1.69860228	-1.75424969	-1.67777422
Pt	-1.33471677	1.83786630	-0.94717729
Pt	1.61517895	-1.92189871	0.04984150
Pt	-1.32449957	-0.83814913	1.02729908
Pt	0.88306262	-0.90436362	2.24296638
Pt	0.19453972	-0.16057059	-1.12124466
Pt	2.22471061	1.27692666	-0.77342730

13

#5.419:triplet:UNK =	-2.09044688		
Pt	1.22712578	0.86976761	-1.42277362
Pt	-0.00002379	-1.73139666	2.51237014
Pt	1.24713733	-1.65791680	-1.48963041
Pt	-3.51399655	-0.34889531	-0.83625172
Pt	3.51384985	-0.34953568	-0.83672943
Pt	-2.36507846	1.49735149	0.76416087
Pt	-1.85696769	-1.15982347	0.93147177
Pt	0.00013100	0.63339309	1.51608516
Pt	-1.24760103	-1.65859091	-1.49038586
Pt	-1.22740865	0.86930826	-1.42228990
Pt	1.85759707	-1.15939955	0.93224698
Pt	2.36532273	1.49733472	0.76321768

Pt	-0.00008758	2.69840320	0.07850834
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#5.587:quintet:UNK =	-2.09040794		
Pt	1.19232586	-1.70859676	-0.92533415
Pt	-1.55606109	0.21056901	-1.57374223
Pt	-3.40531335	-0.64095491	0.16235084
Pt	3.37300423	-1.02641786	0.17401269
Pt	1.39739390	-0.87879686	1.75600100
Pt	-1.98981643	1.38083097	0.78025907
Pt	0.92522099	0.68417215	-1.74582468
Pt	0.63613665	1.27635794	0.72570542
Pt	-0.65250882	0.23162637	2.83522090
Pt	-0.68876034	2.68877937	-1.08765915
Pt	-1.02895638	-1.30216578	0.78730198
Pt	-1.18162269	-2.29899149	-1.54037507
Pt	2.97895747	1.38358785	-0.34791662

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#5.797:triplet:UNK =	-2.09036128		
Pt	1.08150179	-1.79467037	0.76176161
Pt	-1.34482318	1.02972292	-2.49790511
Pt	-1.56602301	0.81736419	2.53421001
Pt	0.24989639	3.22684527	0.33424453
Pt	-0.75766204	-3.11324225	-0.43525957
Pt	2.92653334	-0.15488572	1.35910785
Pt	-1.43485931	-1.46649774	1.47156247
Pt	0.56834324	0.81210198	1.12236367
Pt	-1.62937373	1.49105031	0.01662580
Pt	2.73700177	-0.69952430	-1.17518586
Pt	-2.30933858	-0.79451255	-0.84427792
Pt	1.33511477	1.46422098	-1.22324681
Pt	0.14368856	-0.81797272	-1.42400067

13

#5.240:triplet:UNK =	-2.09030965		
Pt	1.02172783	-0.00075079	2.40538621
Pt	-0.46162292	2.23685062	-1.71979470
Pt	2.14158606	-1.90411671	-0.55931988
Pt	-2.47933279	-1.99461642	0.32312293
Pt	-1.64072643	0.00031627	1.95117722
Pt	0.01647296	-1.58533335	0.71326821
Pt	2.14082456	1.90522039	-0.56006137
Pt	-0.45910682	-2.23789528	-1.72059359
Pt	-1.73723115	-0.00090793	-1.10078936
Pt	-2.47857328	1.99527567	0.32177151
Pt	3.04574730	0.00099875	0.86974211
Pt	0.01707292	1.58486899	0.71372755
Pt	0.87316176	0.00008979	-1.63763683

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#5.804:quintet:UNK =	-2.09023098		
Pt	2.53715544	-0.41259093	1.21665381
Pt	-0.00083509	3.36364600	-0.64363455
Pt	0.00081152	-0.10136353	-0.95624127
Pt	0.00409651	-3.12518169	0.29711974

Pt	-3.56422143	0.07006606	-1.14751295
Pt	-0.00009063	1.80218779	1.65998743
Pt	-1.84237858	-1.81196027	-0.82496336
Pt	-0.00440655	-0.79412675	1.53582419
Pt	1.73092914	1.57857191	-0.19158888
Pt	1.84719737	-1.80950930	-0.82861045
Pt	-1.73088258	1.57660950	-0.19159913
Pt	3.56961522	0.07405293	-1.13956503
Pt	-2.54699034	-0.41040170	1.21413045

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#5.964:triplet:UNK =	-2.09021249	
Pt	-1.58878754	-1.29829010
Pt	0.33787445	0.07795414
Pt	-0.39401986	-1.08491796
Pt	-2.41824246	-1.69840921
Pt	0.82992622	1.11882610
Pt	2.26396568	1.63205570
Pt	-0.91213507	1.63205570
Pt	0.26331281	-0.48085008
Pt	3.16786212	-0.48085008
Pt	1.54990628	0.68843444
Pt	-2.05081239	2.60907412
Pt	-1.22257149	2.60907412
Pt	1.63151722	-0.84715399
Pt	-1.50079588	-0.84715399
Pt	-0.03544461	1.76202415
Pt	0.08920211	1.76202415
Pt	-1.56164900	-2.30324257
Pt	-0.45703358	-2.30324257
Pt	3.65509779	-0.34278888
Pt	-0.01798542	-0.34278888
Pt	-1.91304548	-1.13100597
Pt	1.88209948	-1.13100597

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#5.997:quintet:UNK =	-2.09013899	
Pt	0.62462020	-1.91697623
Pt	-1.35433331	-1.91697623
Pt	-2.36664235	2.50744947
Pt	-0.43081761	2.50744947
Pt	-1.88767882	-1.58128341
Pt	2.49205611	-1.58128341
Pt	0.55580396	0.62374956
Pt	0.62374956	0.62374956
Pt	0.06148608	2.07840603
Pt	0.20060590	2.07840603
Pt	0.23684993	-0.26321637
Pt	1.93788682	-0.26321637
Pt	-0.88010310	-1.66848524
Pt	0.13900415	-1.66848524
Pt	-1.82969231	-1.79782695
Pt	-2.26713271	-1.79782695
Pt	1.51471149	1.25560974
Pt	-1.83539203	1.25560974
Pt	3.05170148	-0.75186797
Pt	-1.46658586	-0.75186797
Pt	2.52399580	-0.11074609
Pt	2.88849008	-0.11074609
Pt	-1.10399252	0.52870814
Pt	-1.44594786	0.52870814
Pt	-2.15231403	0.53383639
Pt	1.14900528	0.53383639

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#5.562:triplet:UNK =	-2.09010769	
Pt	0.92129297	-1.02234865
Pt	-1.64347664	-1.02234865
Pt	-0.85608545	1.26917860
Pt	0.86365697	1.26917860
Pt	-0.06112210	-1.50546879
Pt	0.39299467	-1.50546879
Pt	1.69210496	0.02723027
Pt	1.32895757	0.02723027
Pt	-1.30938253	-2.25037915
Pt	-1.90933455	-2.25037915
Pt	-2.81610195	0.26230072
Pt	2.18043914	0.26230072
Pt	-2.52834759	-1.06507084
Pt	0.06030150	-1.06507084
Pt	-1.34318625	2.75646345
Pt	-1.15069725	2.75646345
Pt	-1.42244963	0.32428706
Pt	-1.80863752	0.32428706
Pt	3.00452915	0.21903872
Pt	-0.97573164	0.21903872
Pt	0.96615669	-0.96731115
Pt	-1.87080344	-0.96731115

Pt	4.13183036	1.18671888	-0.28751301
Pt	-0.37923862	2.72448432	-0.42623251
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#5.858:singlet:UNK =	-2.09008844		
Pt	-2.16228094	-1.21196666	1.67692612
Pt	1.85976828	-2.06826715	-0.03179891
Pt	0.26343678	1.89568789	0.26872248
Pt	0.32364236	-0.69462993	1.71252639
Pt	-1.66053559	0.26724161	-0.33833036
Pt	2.46463965	0.57171715	0.61404187
Pt	-0.66537039	-2.14374409	-0.28489272
Pt	-2.08274208	2.78386336	-0.29800071
Pt	1.21905844	1.48758654	2.60551351
Pt	0.83853097	-0.27979413	-1.60553880
Pt	-0.58262748	1.73332232	-2.15888252
Pt	3.36686222	-0.55904040	-1.49452250
Pt	-3.18238222	-1.78197649	-0.66576385
13			
#5.411:singlet:UNK =	-2.08991644		
Pt	-0.53820817	-0.26348924	-1.59828594
Pt	3.11260149	1.83942168	-0.11110216
Pt	1.87821068	0.29632800	-1.72866697
Pt	-1.92843253	-1.87083496	0.85428542
Pt	-1.45535012	0.55337502	1.27883851
Pt	-1.51061801	3.04568287	0.53821746
Pt	0.38728355	-2.03984627	-0.04813804
Pt	2.80190282	-1.84432846	-0.69446598
Pt	0.06908200	-1.13740474	2.51662842
Pt	2.01944603	-0.15331857	1.12048388
Pt	-2.53767127	1.17653287	-0.89323704
Pt	-2.87912418	-1.29335985	-1.45441578
Pt	0.58087770	1.69124166	0.21985820
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#5.387:triplet:UNK =	-2.08990931		
Pt	2.50901051	1.23072724	-0.16558769
Pt	-0.45582051	-1.97703510	1.07573286
Pt	1.14053031	0.04662142	1.59730011
Pt	0.37032671	0.33845727	-1.25648273
Pt	-1.06614582	-0.21660428	2.97965863
Pt	-0.71478883	1.71943652	1.27461238
Pt	-2.32180490	-0.33595103	0.70793252
Pt	-2.98022575	-0.71811877	-1.70809540
Pt	-1.79827349	1.51459654	-1.31645023
Pt	-0.71629580	-1.88803380	-1.52961590
Pt	0.45929759	2.85716451	-0.67233477
Pt	3.91642095	-0.78282303	-0.58804092
Pt	1.65776903	-1.78843749	-0.39862886
13			
#5.585:singlet:UNK =	-2.08989132		
Pt	-1.30403969	-0.75786629	1.16747969
Pt	-1.02865340	-2.41090582	-0.84051881
Pt	-0.40252710	1.44091508	2.08777327

Pt	0.59291338	2.29110520	-1.33970732
Pt	-1.39584640	2.81292418	0.15731357
Pt	2.28259612	0.30110234	-1.75833423
Pt	1.09813384	-1.09384640	1.90145361
Pt	1.42940789	-1.96362833	-0.51579300
Pt	-2.56504710	0.71286524	-0.55142246
Pt	-0.31709570	-0.06158231	-1.41820449
Pt	3.44626200	-0.66779988	0.59620166
Pt	-3.38291511	-1.63173774	-0.09360516
Pt	1.54681127	1.02845473	0.60736368

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#5.348:triplet:UNK =	-2.08983564	
Pt	0.03898667	0.91112349
Pt	0.17549261	2.81893108
Pt	-1.51510982	-1.01673055
Pt	0.11403580	-2.25627053
Pt	-2.43261890	0.83245010
Pt	2.18166063	1.36937977
Pt	4.27560942	0.06636693
Pt	0.50636971	-1.58778729
Pt	0.20578150	0.36644539
Pt	-1.95056005	-0.67205200
Pt	-2.01647022	1.74913667
Pt	2.25104965	-1.18693466
Pt	-1.83422701	-1.39405839
		0.12302708

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#5.984:triplet:UNK =	-2.08970769	
Pt	-2.51305813	0.10541753
Pt	2.15863165	1.09089348
Pt	0.54473252	1.96960755
Pt	2.04118194	-2.17421696
Pt	-1.71763248	-1.12963097
Pt	3.61549647	-0.09758511
Pt	1.52160389	0.12741490
Pt	-2.61520446	-2.19854719
Pt	-1.72612717	2.54920465
Pt	-1.54651926	1.09423772
Pt	0.67553463	-0.91815457
Pt	-0.38209945	-1.33074056
Pt	-0.05654014	0.91209951
		2.79480216

13

#5.808:quintet:UNK =	-2.08964047	
Pt	-0.51472933	2.32057522
Pt	-0.20637046	0.72141854
Pt	0.54205988	-1.41121138
Pt	-2.78718937	-1.98327879
Pt	2.27690832	1.26906648
Pt	-2.62372296	-0.06791805
Pt	-1.50286973	0.18362934
Pt	1.85158777	1.50032211
Pt	3.09626875	-0.77161304
Pt	-2.24994795	2.33017861
		1.17810029

Pt	0.64000922	-0.73983883	-0.85391670
Pt	2.48865328	-1.22048589	0.79286902
Pt	-1.01065742	-2.13084433	0.50884963

13

#5.290:quintet:UNK =	-2.08940784		
Pt	1.22543942	-2.73835030	0.35720478
Pt	-1.90128682	1.34514200	0.86907214
Pt	0.83560804	0.06416168	-1.16777461
Pt	-1.56604869	0.75318538	-1.58718676
Pt	-2.05200377	-1.62652155	-0.77233304
Pt	2.78918209	-0.71335791	0.26017013
Pt	2.84436913	1.68629728	-0.69972890
Pt	-2.99232728	-0.85537561	1.52908294
Pt	1.52787966	0.18000265	2.23147999
Pt	-0.43822515	-0.91142477	1.04215017
Pt	0.12611078	-2.26970147	-1.89829724
Pt	0.66367649	1.94091093	0.62149098
Pt	-1.06237390	3.14503169	-0.78533058

13

#5.582:quintet:UNK =	-2.08935579		
Pt	-1.72021470	0.88980593	-1.89297839
Pt	1.24897657	-2.67888121	0.11573307
Pt	-0.02438949	-0.97293090	1.54028489
Pt	-0.64680773	2.89281652	-0.75727375
Pt	-2.08119568	-0.30001864	2.84625230
Pt	2.50107384	-0.53755396	1.21634472
Pt	-2.36472340	-0.21905551	0.27503113
Pt	2.25319942	-0.67142291	-1.37825175
Pt	3.63204369	1.21262104	-0.34254078
Pt	1.13484660	1.36113374	0.14386947
Pt	-1.07801229	1.60688308	1.41708436
Pt	-2.63087291	-1.51377418	-1.94427935
Pt	-0.22392392	-1.06962301	-1.23927592

13

#5.821:quintet:UNK =	-2.08934584		
Pt	-0.64235154	3.00143109	-1.31626588
Pt	4.25298236	-0.57751026	-0.69858326
Pt	-2.99898384	-1.30066892	-0.78929834
Pt	-0.03220883	0.50022928	-1.55532134
Pt	2.49312656	0.11090375	0.86809570
Pt	0.16555198	-1.25216277	0.85395730
Pt	-2.28707635	-1.62196956	1.58134808
Pt	0.66235464	1.96509549	0.60117417
Pt	-2.37789875	1.13922142	-0.89877414
Pt	0.79999375	0.42029766	2.77978898
Pt	-1.39918003	0.75596452	1.38875258
Pt	1.90841207	-1.16636422	-1.35745585
Pt	-0.54472201	-1.97446748	-1.45741798

13

#5.292:quintet:UNK =	-2.08927766		
Pt	0.78227993	-0.28219997	-1.51977949
Pt	-1.96309971	0.67226007	0.87998682

Pt	1.13491329	2.16957878	-0.94366935
Pt	0.68641081	-1.37760663	1.62696514
Pt	-1.30920085	1.23207548	-1.61372559
Pt	2.98290848	1.37297196	0.72696449
Pt	0.48125359	1.10397631	1.28396947
Pt	-0.87931277	-1.86458321	-0.34367762
Pt	2.62976897	-1.01237991	0.02052245
Pt	-1.84367852	-1.57513198	2.04320914
Pt	-2.92594804	-0.70419419	-1.17097469
Pt	-1.07884629	3.05580826	0.31686006
Pt	1.30255111	-2.79057498	-1.30665083

13

#5.159:triplet:UNK =	-2.08912335	
Pt	0.27151706	0.55975958
Pt	2.95225204	-1.66870423
Pt	0.56124743	-0.69514779
Pt	-3.05174334	-1.39108105
Pt	0.47101292	-1.80080606
Pt	1.00375814	2.36045471
Pt	1.80450044	0.06038179
Pt	-2.05217771	0.93497907
Pt	-1.36593462	3.07851082
Pt	-0.99924365	-1.72032233
Pt	2.77238335	0.80698925
Pt	-1.59012436	-1.29031558
Pt	-0.77744771	0.76530183

13

#5.317:triplet:UNK =	-2.08906308	
Pt	-1.11954669	-0.78194134
Pt	-2.40931073	2.59472352
Pt	1.97432989	1.01149209
Pt	-2.52722726	0.34264546
Pt	-0.40522057	1.87463800
Pt	-2.15675809	-2.00605825
Pt	4.08033505	0.19671383
Pt	0.04068943	-0.81929521
Pt	2.31275616	-1.49499572
Pt	1.93331486	1.02409052
Pt	-0.66348303	0.94672347
Pt	-1.77374163	-1.63880734
Pt	0.71386262	-1.24992901

13

#5.640:quintet:UNK =	-2.08899474	
Pt	-1.25308644	-1.43918785
Pt	-1.95397566	-0.20701826
Pt	-1.92764744	-0.20247798
Pt	2.07444895	-1.39586295
Pt	0.36554705	-1.74278970
Pt	0.39496939	-1.71619968
Pt	0.35855117	2.93290284
Pt	0.35333573	0.73888940
Pt	0.36025931	0.76212184

Pt	-3.63265845	-0.29978784	0.01970246
Pt	4.29017027	-0.33220901	0.01887197
Pt	2.44881259	1.34317557	-0.01011448
Pt	-1.87872646	1.55844363	0.00078548

13

#5.955:triplet:UNK =	-2.08896389		
Pt	-1.25710566	1.32363352	1.24646669
Pt	1.25688525	1.32210108	-1.24866817
Pt	1.67544584	-1.16099430	-1.26769621
Pt	-0.00289893	-2.22974469	-2.66456028
Pt	-3.42220896	0.24451610	0.00406333
Pt	-1.68059042	-1.16029702	-1.26676740
Pt	1.25965072	1.32583322	1.24494459
Pt	0.00404109	-2.22291375	2.66955004
Pt	3.42245482	0.24480939	-0.00493207
Pt	-0.00103834	3.30710747	-0.00300753
Pt	-1.25980417	1.32221158	-1.24718989
Pt	1.68049296	-1.15695932	1.26821696
Pt	-1.67532420	-1.15930328	1.26957993

13

#5.795:triplet:UNK =	-2.08885273		
Pt	-0.06150652	-0.76220815	2.94815880
Pt	2.11607213	1.95621352	-0.76409581
Pt	-1.15741291	1.13496278	1.66294692
Pt	-0.63763229	-1.43225135	0.54967184
Pt	-2.00823125	2.78370879	-0.07250703
Pt	-0.28888724	1.27744463	-1.16016461
Pt	1.61212326	-0.40998526	-1.78036905
Pt	3.61188897	-0.11404969	0.06998614
Pt	1.80843336	-1.95103469	0.25428605
Pt	-2.65996798	0.35694351	-0.37605103
Pt	-2.81322943	-2.14809299	-0.56539448
Pt	-0.81928074	-1.21802689	-1.96224876
Pt	1.29763063	0.52637579	1.19578101

13

#5.198:quintet:UNK =	-2.08881781		
Pt	-2.23696917	2.68350426	-0.08870952
Pt	-2.27396616	-2.19191980	-0.74983904
Pt	2.99353601	-0.23373313	1.40092615
Pt	0.25216069	2.72258693	-0.51900865
Pt	0.83604111	-1.60973142	0.98136888
Pt	0.20400823	0.31687908	-1.32959350
Pt	-1.78439957	0.68259758	1.49239901
Pt	0.15181716	-2.19057891	-1.46287782
Pt	-2.27544816	0.30776630	-1.00513215
Pt	2.47343685	-1.13134775	-1.07794226
Pt	-1.54881734	-1.83239944	1.67742471
Pt	2.52557877	1.53733465	-0.60703427
Pt	0.68302156	0.93904164	1.28801845

13

#5.863:quintet:UNK =	-2.08880031		
Pt	-0.41937177	0.87027189	1.46398817

Pt	3.03054552	-0.38935788	-1.69484333
Pt	3.48406353	0.34366267	0.67957299
Pt	-1.91972590	2.10936125	-0.28398003
Pt	-3.91990331	0.73143893	-0.77385959
Pt	0.22927118	3.19145423	0.54335636
Pt	1.11369926	-1.79914186	-0.89653639
Pt	-0.41301672	0.21527566	-1.01875336
Pt	-1.01795740	-1.59562602	1.79794747
Pt	-0.87851175	-3.18236928	-0.23281816
Pt	-2.42798449	-1.16860359	-0.37546550
Pt	1.44483040	-0.90882346	1.48253861
Pt	1.69406145	1.58245746	-0.69114724

13

#5.468:triplet:UNK =	-2.08857862		
Pt	-2.66694414	-0.78110364	-1.84599375
Pt	0.28906541	1.37179124	-1.08889399
Pt	-0.64011758	2.94375213	0.79333314
Pt	1.91417188	-0.23832551	-2.18198044
Pt	1.06831386	-0.46576747	1.42016582
Pt	-2.20720770	1.53530858	-0.95221538
Pt	-0.25102272	-1.25013726	-1.16552984
Pt	-2.14103692	-1.72860341	0.47874232
Pt	1.83639802	-2.28239528	-0.22753201
Pt	1.78894655	1.93788652	0.84911518
Pt	-0.83394322	-1.54246700	2.67610933
Pt	3.23057912	-0.02938048	0.01013162
Pt	-1.38720255	0.52944158	1.23454799

13

#5.606:quintet:UNK =	-2.08856638		
Pt	3.50226908	0.44476021	0.32876471
Pt	1.75780303	2.12432830	-0.48596263
Pt	-1.95120174	-1.85816089	-1.55622980
Pt	1.19985863	-0.18788884	1.45519621
Pt	-2.27089839	0.57411917	2.21591687
Pt	1.23662894	-0.23479723	-1.12809047
Pt	-0.47463934	2.98785955	-1.30263453
Pt	-1.03736641	-1.29847433	1.00470450
Pt	0.35452823	-2.56305149	-0.68959418
Pt	-3.31665195	-0.22268851	0.03952420
Pt	-1.18071605	0.55357130	-1.27009712
Pt	-0.43262812	1.76251099	0.97872914
Pt	2.61301409	-2.08208821	0.40977310

13

#5.935:singlet:UNK =	-2.08849728		
Pt	-1.41250181	0.04227858	1.05637827
Pt	-0.36200968	-1.79343930	-1.01425628
Pt	1.59121999	-0.64146401	-2.14996578
Pt	-2.76399061	1.28346899	-0.67995874
Pt	3.89372948	-0.49396813	-1.27404919
Pt	0.69479269	-1.33224909	1.31497052
Pt	1.86597560	0.54677567	2.68701977
Pt	-1.55599662	-2.58583911	1.27850990

Pt	2.08004725	0.45083407	0.14804478
Pt	-2.89643607	-1.29672968	-0.67948801
Pt	-0.97494869	3.13488254	-0.55406762
Pt	0.23634357	1.91380382	1.29673771
Pt	-0.39622510	0.77164567	-1.42987534

13

#5.140:quintet:UNK =	-2.08848703		
Pt	-0.03575770	2.91706668	0.38807248
Pt	-1.41985243	0.75804070	0.61798421
Pt	-1.38596817	2.05205076	-1.65790962
Pt	0.65815066	1.09868655	2.33187581
Pt	-2.89520315	-1.43417469	0.73682689
Pt	3.57269408	-0.50157044	-0.42300783
Pt	1.49296417	-0.96284048	1.01063638
Pt	-2.37236018	-0.36615924	-1.61621818
Pt	-0.64250280	-2.02891847	-0.35180833
Pt	1.67563828	-1.93875025	-1.40784806
Pt	0.25364349	0.15023371	-1.72629935
Pt	1.87832742	1.36073855	-0.16296159
Pt	-0.77977367	-1.10440339	2.26065719

13

#5.157:quintet:UNK =	-2.08829299		
Pt	0.91476037	-1.55865539	-0.52078975
Pt	-0.45527229	1.13884207	1.25030357
Pt	-2.73735588	1.61548345	0.23491557
Pt	-0.99101439	-1.48825367	1.13436044
Pt	-1.14963762	0.17006998	-1.40186255
Pt	2.46227016	-0.53520030	1.16807982
Pt	1.32096477	0.80882895	-1.76166706
Pt	-0.43524379	2.62781542	-0.85873635
Pt	0.58953724	-0.52615470	2.88052744
Pt	-1.39073834	-2.37566408	-1.32364017
Pt	-3.20889966	-0.87798102	-0.00731476
Pt	1.83429691	1.82719377	0.49992207
Pt	3.24633251	-0.82632450	-1.29409827

13

#5.762:triplet:UNK =	-2.08823622		
Pt	-1.45844783	0.29574056	1.18322378
Pt	1.02678332	-1.53111924	-0.75312283
Pt	-3.33008310	-0.05534029	-0.55620891
Pt	1.19656888	0.78972599	1.39281053
Pt	-1.26045662	-1.77099613	-1.73535196
Pt	-2.12188654	-2.10298372	0.62688022
Pt	-0.53235633	2.59140120	1.63233544
Pt	-0.96095297	0.69113647	-1.31649487
Pt	-0.31466376	3.08655488	-0.82033596
Pt	3.23923635	-0.41503644	-1.35717898
Pt	2.74046547	-1.17239418	1.13484132
Pt	1.54404497	1.40678973	-1.04915039
Pt	0.23174816	-1.81347883	1.61775261

13

#5.925:triplet:UNK =	-2.08818289		
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Pt	-1.46160819	0.75241467	1.43307721
Pt	2.76305580	-0.04196030	-1.26781822
Pt	0.24874100	0.18683271	-1.59853824
Pt	2.66589453	-0.01729724	1.50139202
Pt	2.22365391	-2.24592345	-0.15523568
Pt	1.39980292	1.68252085	0.12380604
Pt	-0.62434689	2.70210178	-1.35947435
Pt	-0.47316709	3.02459741	1.17381320
Pt	-2.14065243	0.65709167	-1.02289559
Pt	-0.20425560	-2.20267581	-0.91224686
Pt	0.39166753	-1.02925072	1.32391605
Pt	-2.72009317	-1.77635995	-0.84330608
Pt	-2.06869231	-1.69209162	1.60351050

13

#5.421:quintet:UNK =	-2.08800941		
Pt	2.41816618	-1.52232424	-1.26204453
Pt	-2.37016373	2.44374684	-0.85933766
Pt	1.37200921	1.57710665	1.53125312
Pt	0.18036392	-2.54788482	-0.59069130
Pt	-2.32348245	-0.08321432	-0.84025225
Pt	-1.16535815	1.49364170	1.24430359
Pt	0.47895937	-0.88989355	1.34096870
Pt	2.93656392	-0.47741718	1.07250765
Pt	0.17721397	2.38606804	-0.90433201
Pt	-2.31849307	-2.56528424	-0.27699703
Pt	-1.98953310	-0.91999348	1.68388695
Pt	2.45624452	1.20441029	-0.90506062
Pt	0.14750940	-0.09896170	-1.23420462

13

#5.146:quintet:UNK =	-2.08793207		
Pt	2.55599932	1.85803164	0.21430973
Pt	0.04479244	1.68762110	0.66964229
Pt	0.58157605	-1.87996531	-0.25973679
Pt	-0.88422416	-1.42364483	1.70939487
Pt	-2.42146274	2.19009004	0.41503067
Pt	2.80665672	-1.33308209	-1.42285876
Pt	-0.96354796	2.07092020	-1.73400108
Pt	1.11442117	0.57173127	-1.50998767
Pt	-2.68507851	-0.29155243	0.34432586
Pt	2.33451019	-0.54095780	0.97266515
Pt	-1.87713408	-2.70305635	-0.40359463
Pt	-1.27949167	-0.49043650	-1.69796007
Pt	0.67298324	0.28430105	2.70277043

13

#5.331:quintet:UNK =	-2.08790348		
Pt	0.03492483	-0.00189443	2.94180547
Pt	-2.31480635	2.13706325	-0.25611223
Pt	-1.42767314	-0.00132066	-1.40491923
Pt	2.30475609	2.13469640	-0.29799086
Pt	1.38155304	0.00275440	-1.42770108
Pt	2.13030243	0.00174961	1.31686521
Pt	-0.01681426	-2.19134265	-1.64325822

Pt	-0.02316796	2.19346047	-1.64061329
Pt	0.00746548	1.48371670	0.80876049
Pt	-2.30909161	-2.14286478	-0.25730992
Pt	2.31109066	-2.12758115	-0.30024242
Pt	0.01192889	-1.48501536	0.80742499
Pt	-2.09046811	-0.00342180	1.35329110

13

#5.973:triplet:UNK =	-2.08770402		
Pt	-1.75994529	0.73990286	2.18872865
Pt	2.26759460	1.62773640	-0.36792850
Pt	-1.45617341	-2.63161815	-1.61465179
Pt	0.51943432	0.53919243	1.09716454
Pt	3.55489560	-0.53714346	-0.04875051
Pt	0.43169561	-2.58374511	0.10519022
Pt	0.69030359	3.46148089	-0.90688431
Pt	2.02316632	-1.41049325	1.71620896
Pt	1.23374014	-0.57625636	-1.19670666
Pt	-1.15821562	2.06458791	-0.11255929
Pt	-1.75254621	-1.30274980	0.56306236
Pt	-1.22628379	-0.06614021	-1.59333246
Pt	-3.36766585	0.67524585	0.17045879

13

#5.740:triplet:UNK =	-2.08769048		
Pt	0.03304358	1.52087748	-1.12614812
Pt	2.50448568	1.05363047	-0.11105237
Pt	-1.60113092	-1.85608441	0.65734773
Pt	0.17282272	-1.95904301	2.43851870
Pt	-1.51739337	2.92882988	0.32518653
Pt	-3.55507804	-1.39508290	-0.91561304
Pt	-0.06862832	0.18952084	1.06260521
Pt	0.92980111	2.58630680	1.16496446
Pt	-1.27614188	-0.59146513	-1.76287566
Pt	1.23750415	-0.75445712	-1.72540788
Pt	1.95719856	-1.44737623	0.74327734
Pt	-2.55112193	0.66632820	0.25306958
Pt	3.73463865	-0.94198487	-1.00387250

13

#5.27:quintet:UNK =	-2.08764425		
Pt	1.07143816	-0.00516971	1.35221920
Pt	-1.23757726	1.39303649	1.18286915
Pt	-1.83500409	2.30404636	-1.19439382
Pt	2.02024266	0.00566763	-1.77677505
Pt	0.64897017	-2.03649735	-0.64031258
Pt	-1.23905999	-1.39985299	1.17654779
Pt	-2.88577840	0.00010494	-0.40373017
Pt	-1.83224166	-2.29893664	-1.20605619
Pt	2.94629477	1.39042236	0.25869746
Pt	2.95043854	-1.38923565	0.24890030
Pt	-0.59638425	0.00377060	-1.59449810
Pt	-0.65854612	-0.00781156	3.22926599
Pt	0.64720749	2.04045553	-0.63273398

13

#5.836:quintet:UNK =	-2.08758746	
Pt 2.00323566	0.76709893	-1.19815377
Pt -1.19876186	-2.37257915	-0.64488388
Pt -0.37787445	-0.82004736	1.30739186
Pt 2.21114135	-0.82529886	1.84124005
Pt 0.20379431	2.20518607	-2.25079696
Pt -0.94080452	2.49169117	0.00156626
Pt -3.60446840	-1.68433998	-0.48632125
Pt 3.67801051	-0.83597763	-0.23385176
Pt -1.34297200	1.45209081	2.36450352
Pt 1.29491064	-1.91425383	-0.42879909
Pt -0.48410426	-0.12115549	-1.55106137
Pt -2.41462697	0.35701652	0.19098930
Pt 0.97251998	1.30056881	1.08817711

13

#5.661:septet:UNK =	-2.08740412	
Pt 1.37036682	2.62417133	-0.13339114
Pt 1.65108351	-1.90049570	-0.73955676
Pt 2.70213610	0.50980838	0.22457124
Pt 4.06525365	-1.52736432	-0.07895978
Pt -0.71617086	0.46969613	3.07354658
Pt -0.87333382	2.49803001	-1.61310981
Pt -0.78005833	1.61997270	0.81752533
Pt -0.85678625	-1.84923158	-0.96375217
Pt 0.55904773	0.36269725	-1.42669898
Pt -2.25607853	0.38861237	-1.17839154
Pt -3.41566929	-1.79000786	-0.53988105
Pt 0.61622681	-0.66141080	1.23124225
Pt -2.06601756	-0.74447791	1.32685583

13

#5.177:quintet:UNK =	-2.08735060	
Pt 0.53487761	-0.99883750	2.45532500
Pt 3.51214906	-0.25807598	-0.34195947
Pt -0.23346854	1.71147247	2.35681618
Pt -0.54755232	-0.28503663	-1.68201927
Pt 1.29956075	-1.52199917	-0.06815299
Pt -2.83618254	0.73080006	-1.13800806
Pt -1.38327687	2.50067835	0.17842466
Pt -2.42073710	-1.84211852	-0.91772964
Pt -1.37354140	-0.08950260	0.89993454
Pt 1.94049951	-0.05006769	-2.31622768
Pt 0.63808116	1.88312803	-1.17727779
Pt -0.77023989	-2.66667383	0.82405919
Pt 1.63983056	0.88623301	0.92681533

13

#5.143:nonet:UNK =	-2.08710020	
Pt 0.76144945	-1.14924308	1.20354295
Pt 0.76293005	1.14926807	-1.20295454
Pt -0.24860149	3.22211716	0.12581875
Pt 1.23214363	-1.45716951	-1.29906522
Pt 3.15032459	-0.21678046	1.25754012
Pt -0.24953710	-3.22172074	-0.12689339

Pt	-1.78995766	1.51395272	-1.26736515
Pt	3.15177104	0.21608764	-1.25692777
Pt	-1.79172610	-1.51344534	1.26757295
Pt	-3.50269633	-0.00015952	-0.00162309
Pt	-1.35282464	-1.05678207	-1.20425365
Pt	-1.35402108	1.05743890	1.20447232
Pt	1.23074564	1.45643622	1.30013572

13

#5.540:quintet:UNK =	-2.08707433		
Pt	2.18966056	1.33790015	-0.70606392
Pt	-2.33655183	-0.13092647	1.47694485
Pt	-1.34343895	0.50114834	-1.31205008
Pt	1.48707590	-1.17130933	-0.74532737
Pt	-0.65841545	-1.83812769	0.35295131
Pt	-0.51704804	-1.74407969	-2.23223991
Pt	2.22559531	-0.25404754	1.53599617
Pt	0.06034252	1.13994280	0.96228348
Pt	3.93855085	-0.48719193	-0.38728196
Pt	-2.17261861	2.25851516	0.33826855
Pt	-2.93084445	-1.42997490	-0.79118556
Pt	0.07105606	2.64399102	-1.11462146
Pt	-0.01336387	-0.82583993	2.62232591

13

#5.465:triplet:UNK =	-2.08705702		
Pt	2.00386988	-1.67521606	1.63907707
Pt	0.27960045	1.80543900	-1.55380861
Pt	-0.43258607	-0.89528006	1.45358918
Pt	1.66728153	0.25152474	-0.08999361
Pt	-1.76226231	1.06081383	2.40191192
Pt	0.59480617	-2.04667705	-0.61718217
Pt	-1.58218922	0.53840495	-2.64004281
Pt	-1.70598031	-1.70271990	-1.47656659
Pt	3.14867297	-1.74023276	-0.68935950
Pt	2.24405099	2.73659440	-0.20148053
Pt	0.24008221	2.02976131	1.17972770
Pt	-2.84010373	-1.27735715	0.73677655
Pt	-1.85524258	0.91494474	-0.14264859

13

#5.919:triplet:UNK =	-2.08698427		
Pt	0.30601373	2.91349482	-0.49519073
Pt	0.27720440	-2.10957725	2.04459219
Pt	-2.25059411	-0.99084027	-2.07402128
Pt	-1.18508026	0.33306949	1.26804043
Pt	3.64599946	-0.70378876	-1.33283291
Pt	2.01982993	-1.86384091	0.15828089
Pt	-1.50840923	1.31578313	-1.12208278
Pt	2.03350667	1.13754377	-0.97563298
Pt	0.18971099	-0.65362528	-1.13203879
Pt	-1.54846640	-1.95314382	0.28948688
Pt	0.12272611	2.39901874	1.95767731
Pt	-3.48683495	-0.08659368	0.05819190
Pt	1.38439366	0.26250002	1.35552987

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#5.786:quintet:UNK = -2.08697387
Pt 2.01385813 0.12517690 0.52562552
Pt -0.04825832 1.58769839 1.39122722
Pt 4.23832704 -0.22205019 -0.49715927
Pt -0.25638871 -1.02519038 1.34101173
Pt -1.95907264 0.86669467 -0.34670877
Pt -0.00167580 -1.09053767 -1.33212720
Pt 2.23953204 -0.08341271 -1.99746682
Pt 0.35059043 1.50674791 -1.40581139
Pt -0.29516569 -3.24624213 0.03368742
Pt -1.13460055 3.24903282 -0.25480546
Pt -4.21135456 -0.13166086 -0.26589310
Pt 1.34606873 0.14488464 2.96418010
Pt -2.28186011 -1.68114139 -0.15575999
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#5.342:triplet:UNK = -2.08684436
Pt -2.70199542 2.10216389 0.56618839
Pt -2.87021243 0.07812372 -0.99304263
Pt -0.75802440 -2.37962648 0.37498111
Pt -1.71476151 -0.19413773 1.22591216
Pt 0.15728642 -1.39927062 2.62454170
Pt -0.29957167 2.44541329 -0.33228566
Pt -1.69506615 -2.01855172 -1.94197636
Pt -0.39311413 0.11958327 -1.39695550
Pt 1.48373204 -1.18251571 0.33013047
Pt 3.37328831 -0.72573662 -1.30922702
Pt 3.04908524 0.84537188 0.76505159
Pt 0.56897010 0.96370755 1.50192878
Pt 1.80038360 1.34547528 -1.41524704
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#5.165:triplet:UNK = -2.08660402
Pt 2.04950214 -2.04706326 -1.28735562
Pt -0.05085516 1.02433152 1.14117812
Pt -1.59867267 0.48138557 -1.56120310
Pt -2.92790366 -1.62647832 -1.15791812
Pt -2.03114178 -0.77465309 1.11512074
Pt -0.43365483 -1.83314656 -0.56604910
Pt 1.01961530 0.29586894 -1.47233370
Pt -2.41799153 1.88477668 0.40785926
Pt 1.39632202 -1.24943449 1.12410473
Pt 3.34771618 -0.09109321 -0.02894139
Pt -0.28406954 -0.75148926 2.94848742
Pt -0.18832618 2.58062441 -0.90441886
Pt 2.11945971 2.10637108 0.24146963
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13

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#5.394:triplet:UNK = -2.08657937
Pt 0.06411970 0.10175816 -1.92671483
Pt 1.30325586 -0.96086762 0.88826593
Pt 0.06550979 2.57273295 1.66973303
Pt -2.51659138 -1.41150781 0.03022978
Pt -0.27609608 -2.19526240 -0.83941933
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Pt	2.07178333	-1.48056830	-1.60329538
Pt	-2.46135717	0.47458347	-1.78014348
Pt	-0.71879627	2.56528024	-1.19159897
Pt	-0.14515581	0.16717313	2.62303313
Pt	-0.77949542	-2.22900664	1.83476587
Pt	1.40709442	1.53292900	-0.20642708
Pt	-1.45347521	0.78465244	0.58029033
Pt	3.43920425	0.07810337	-0.07871900

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#5.435:triplet:UNK =	-2.08656103		
Pt	1.94641326	1.14294550	0.83798630
Pt	-2.92718874	0.64573701	-0.31208895
Pt	-0.72134963	0.34109227	-1.48970343
Pt	3.39006790	-1.05438268	0.43499760
Pt	-1.51928724	-0.70138765	1.56358695
Pt	-1.73261224	2.72106675	-1.24105747
Pt	-0.54521609	1.74925248	0.74330388
Pt	-3.14816163	-1.87182740	0.04968022
Pt	0.38169000	0.47132586	2.80356795
Pt	-0.79054530	-2.13959812	-1.07805092
Pt	1.48469254	-0.95262942	-1.74253044
Pt	3.35030089	0.80629102	-1.25784564
Pt	0.83119627	-1.15788562	0.68815392

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#5.999:triplet:UNK =	-2.08652392		
Pt	-0.00973593	0.80382041	-1.64222562
Pt	-2.34055149	-0.40325936	-0.51790931
Pt	0.48287836	-0.92386505	2.83577303
Pt	-3.85538210	1.08406763	0.73104117
Pt	2.39077007	0.97956829	-0.83677901
Pt	4.13066029	-0.72118096	-0.58632127
Pt	0.53284255	1.04417813	1.25934492
Pt	-1.62136244	2.00508592	0.23375760
Pt	-1.98260035	-2.95888078	-0.40881545
Pt	-0.65623660	-1.56281455	-2.11268792
Pt	0.73468881	2.95014527	-0.46166393
Pt	2.33360392	-0.95370070	1.09326799
Pt	-0.13957510	-1.34316424	0.41321778

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#5.887:singlet:UNK =	-2.08644534		
Pt	-2.82325731	2.41214031	-0.20722413
Pt	-2.28975276	0.22705756	-1.40725700
Pt	-1.69343270	-2.24245100	-1.42937816
Pt	-1.44947605	0.50963948	0.96305421
Pt	1.89500516	1.20776367	0.11516114
Pt	-1.64205111	-2.02482080	1.13787903
Pt	-0.25051345	2.61968756	0.13049048
Pt	4.34142818	0.93840584	0.15409136
Pt	0.15454460	0.75441696	-1.62953207
Pt	2.97599828	-1.13306177	-0.31234174
Pt	0.78933751	-1.66840108	-1.53196680
Pt	-0.64266714	-0.64833068	3.11354303

Pt	0.63483681	-0.95204606	0.90348065
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#5.507:septet:UNK = -2.08642893

Pt	-1.75273299	1.27013955	1.03654549
Pt	2.11423637	-2.72542239	-0.65533308
Pt	-2.74570776	-1.49268774	-1.04425862
Pt	1.63830613	-0.26060015	-1.20339947
Pt	-0.34635154	-1.04818262	1.44273576
Pt	3.08131968	1.45392250	0.18298224
Pt	-1.06287298	0.40950976	-1.29715890
Pt	-0.31317188	-2.10285227	-0.91831283
Pt	2.15121992	-0.94013118	1.21336152
Pt	-1.57793327	2.91596749	-0.94910275
Pt	0.82543106	1.33830618	1.57263486
Pt	-2.84856068	-1.02576463	1.45113714
Pt	0.83681795	2.20779548	-0.83183135

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#5.673:quintet:UNK = -2.08628414

Pt	-0.56869468	-2.82742585	0.61412054
Pt	2.94277296	-1.31237551	-0.97481491
Pt	0.41246290	1.43860971	1.22696606
Pt	-2.76707527	-0.32244368	-1.53968510
Pt	-0.23984404	-0.43810908	2.83890544
Pt	-2.09590651	1.93703968	1.08988447
Pt	1.31910791	-1.19576011	0.97288931
Pt	-0.82847051	-1.89866882	-1.71787098
Pt	-1.74263191	-0.56130559	0.80830921
Pt	2.80294034	0.91027226	0.28029414
Pt	0.77008404	0.02209182	-1.38110131
Pt	1.16938667	2.63228293	-0.94198492
Pt	-1.17413190	1.61579224	-1.27591196

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#5.769:triplet:UNK = -2.08612047

Pt	-0.68076340	2.42610597	-1.00996683
Pt	-0.29274860	0.97976948	1.21883638
Pt	0.68162221	0.05972819	-1.60825353
Pt	0.00993961	-1.41369354	2.34572875
Pt	-2.71484327	1.71621712	0.46342891
Pt	-0.68972147	-2.26609666	-0.03932423
Pt	1.69870832	1.93722805	-0.22859614
Pt	3.24260920	0.02790395	-1.05788358
Pt	-1.89344988	-0.01148069	-1.23928228
Pt	2.06662450	0.44588607	2.02380460
Pt	1.63977105	-1.38244580	0.31285337
Pt	-2.31641748	-0.67585466	1.36589685
Pt	-0.75133079	-1.84326747	-2.54724228

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#5.892:quintet:UNK = -2.08608199

Pt	-1.00687749	0.72737307	1.04161833
Pt	3.35784632	-0.64094273	0.68937491
Pt	0.95222375	-1.06356584	1.43957201
Pt	-1.44103615	-1.76028791	1.72071213

Pt	-2.92826063	1.47749901	-0.45984771
Pt	0.07243969	3.03719100	1.15202762
Pt	0.12532074	-1.35554022	-1.01211774
Pt	-0.77107063	2.62802147	-1.19741163
Pt	-2.38569267	-0.96150336	-0.63386652
Pt	1.83745864	1.33468934	0.83533878
Pt	2.56650643	-1.06593215	-1.68170384
Pt	-1.41607836	-3.30069760	-0.34626753
Pt	1.03722036	0.94369593	-1.54742882

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#5.481:triplet:UNK =	-2.08602861		
Pt	-0.28530934	0.59040696	-1.38975138
Pt	-2.65257313	-1.92797325	-0.54905907
Pt	-1.80443743	-0.11688063	1.44205846
Pt	-2.75950887	0.62853081	-0.77868068
Pt	0.74564705	2.90359223	-0.58160823
Pt	3.94051845	-0.85782433	-0.75118426
Pt	2.13887442	-1.05214295	0.93005344
Pt	-0.18856262	-1.80997630	0.29482346
Pt	-1.53527667	2.46963979	0.54187090
Pt	2.20384619	0.87278140	-0.97666672
Pt	0.29162702	-1.01660644	2.73625325
Pt	0.59096975	1.09494113	1.26660476
Pt	-0.68581483	-1.77848843	-2.18471395

13

#5.549:triplet:UNK =	-2.08596123		
Pt	0.53670974	-1.13061676	2.74888808
Pt	-1.29188513	-2.09462819	-1.77856557
Pt	2.24944560	0.50630161	-1.62361728
Pt	4.19852292	-0.56537831	-0.48312435
Pt	0.79594113	2.39363685	-0.72490796
Pt	1.98908598	-0.64257430	0.64071901
Pt	-1.55179943	-0.50161486	1.21448802
Pt	0.35183644	1.15527015	1.45039968
Pt	-2.45956891	1.13077186	-0.46662808
Pt	0.05988236	-2.24114924	0.36204938
Pt	-1.26731770	3.05942895	0.63312843
Pt	-3.31932222	-1.25656862	-0.54241427
Pt	-0.29153079	0.18712085	-1.43041508

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#5.676:septet:UNK =	-2.08588795		
Pt	-0.39571416	1.63346900	1.09814733
Pt	-0.77752232	2.82972823	-1.17372489
Pt	1.60892917	-0.39474433	1.15149068
Pt	0.73207462	-1.83917817	-1.04002667
Pt	-2.55258648	1.15209457	-0.25726392
Pt	-1.78497532	-2.07718813	-1.24831885
Pt	3.14216190	-1.74397526	-0.44754261
Pt	-0.64023386	0.22695955	-1.62744385
Pt	3.65112956	0.71171018	-0.13605131
Pt	-0.00829559	0.11215064	3.05856030
Pt	-3.47434543	-1.08127757	0.40893146

Pt	1.44082128	1.58450648	-0.81699423
Pt	-0.94144335	-1.11425519	1.03023655
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#5.420:quintet:UNK =	-2.08552423		
Pt	1.62854376	-1.76856039	1.26545729
Pt	-0.18067448	0.61414711	-1.23387891
Pt	0.73746511	2.93630458	-0.90424601
Pt	-2.68999333	0.21171165	-1.66259836
Pt	-3.32588012	-1.22184251	0.42244925
Pt	1.40961659	-1.55301335	-1.24647698
Pt	2.34630882	1.03708324	-0.47040048
Pt	-1.94197627	0.87970517	0.85715189
Pt	0.72024099	0.53474459	1.44950408
Pt	3.69932075	-1.07084386	-0.15777674
Pt	-0.38214791	2.78508086	1.33865853
Pt	-1.10415074	-1.78040969	-1.09835894
Pt	-0.91667316	-1.60410740	1.44051537
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#5.649:quintet:UNK =	-2.08548544		
Pt	-1.34514279	-0.85579724	-1.38561898
Pt	3.22747319	1.42001755	-0.92508526
Pt	0.74797469	1.29001523	-0.19408032
Pt	-1.17585588	2.84714061	0.56433648
Pt	0.12138169	-2.02937229	0.46685910
Pt	-2.84991917	0.83049199	-0.08784959
Pt	-0.94789104	0.34413944	1.49901078
Pt	1.99342135	-0.86962825	-0.80151676
Pt	-2.56858360	-1.62992654	0.84014700
Pt	2.56260320	0.37172444	1.32934059
Pt	0.47139172	-2.42692670	-2.10654019
Pt	0.86980723	-0.95620332	2.66792001
Pt	-1.10666060	1.66432507	-1.86692286
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#5.553:triplet:UNK =	-2.08541261		
Pt	0.00400744	0.06713975	3.02075610
Pt	-2.54741832	-2.00247357	0.58618029
Pt	3.86392384	-0.33671207	0.18491500
Pt	1.82024422	-1.39733656	-0.97822931
Pt	1.70630903	0.54976841	1.21828986
Pt	0.03699679	0.36422809	-1.75435902
Pt	-2.48899979	2.43458337	-0.44144284
Pt	-0.70413614	-2.11213921	-1.43229582
Pt	-2.39959009	0.00201631	-1.28159988
Pt	0.01913854	2.12858843	0.05350195
Pt	2.36593367	1.29037054	-1.20315361
Pt	-0.04259512	-1.46999462	0.94820567
Pt	-1.63381407	0.48196115	1.07923162
13			
#5.967:triplet:UNK =	-2.08533625		
Pt	-0.73123499	0.94800692	1.54109047
Pt	-2.03197716	-1.69303510	-1.97809964
Pt	-0.15203801	0.11355849	-1.45687581

Pt	1.97828318	-1.14573386	-0.89789041
Pt	-0.20716267	-2.20155479	-0.10884356
Pt	1.24256381	-0.62726939	1.57796241
Pt	-2.26930698	-0.81601360	0.56555807
Pt	-0.91299814	-1.45219251	2.66160004
Pt	4.23130509	-0.10922783	-0.95520093
Pt	-2.54875572	0.80881978	-1.33736548
Pt	2.69418968	1.16165946	0.51343303
Pt	0.58543520	2.22929383	-0.24077895
Pt	-1.87830328	2.78368861	0.11541076

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#5.914:quintet:UNK =	-2.08521897	
Pt	4.57333695	-0.37059985
Pt	-1.58622232	2.89018093
Pt	2.74552907	1.14134829
Pt	-2.40376070	-2.06041321
Pt	-2.07684376	0.43931599
Pt	-1.23383915	-0.16997912
Pt	-2.44117775	-1.03810385
Pt	0.04078477	-1.31727415
Pt	0.18093043	-2.28189572
Pt	-1.28723255	1.42162245
Pt	2.32780824	-1.44960954
Pt	0.40665758	0.21702469
Pt	0.75402920	2.57838309

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#5.675:triplet:UNK =	-2.08499236	
Pt	0.52093796	-1.04295117
Pt	-3.24729858	-1.17972609
Pt	-0.73071361	2.29600659
Pt	-0.71622664	2.96459117
Pt	1.22530619	1.45716216
Pt	-2.32920171	1.07471229
Pt	1.30097934	-1.77935311
Pt	3.45773622	-0.43508325
Pt	1.38231098	0.94252206
Pt	2.94033589	-0.34856867
Pt	-0.95763798	-2.64244578
Pt	-1.90921363	-1.04649579
Pt	-0.93731443	-0.26037041

13

#5.416:singlet:UNK =	-2.08490239	
Pt	0.36218453	2.10980910
Pt	0.74168362	-1.37423742
Pt	-2.11218125	2.40542703
Pt	3.27283131	-0.90015219
Pt	-1.23541944	0.48199755
Pt	-1.23615015	0.47143489
Pt	1.46350418	0.23240567
Pt	2.80133534	1.65061163
Pt	-3.34501509	0.00334358
Pt	-0.23347043	-1.66661086

Pt	1.46291068	0.23785240	1.77495569
Pt	-1.71611573	-1.97614039	-0.00037276
Pt	-0.22609757	-1.67574098	-2.37627873

13

#5.696:quintet:UNK =	-2.08457681		
Pt	-0.96939360	-2.03300699	-0.50544770
Pt	-1.08752953	0.32881340	-1.46353255
Pt	1.42434112	0.08435834	-1.16253675
Pt	-0.99650714	-1.06008926	1.89671552
Pt	-1.07342007	1.34160062	0.90660133
Pt	3.03038711	-1.55374646	0.43886251
Pt	3.38472602	1.08614489	0.41545842
Pt	-3.21919241	0.05676287	1.36719525
Pt	-1.02769277	2.88618251	-1.12884097
Pt	1.35237430	-2.44515863	-1.23814660
Pt	1.19167524	2.35431193	-0.07088779
Pt	-3.25594958	-1.02979583	-0.89353484
Pt	1.24618129	-0.01637740	1.43809415

13

#5.678:quintet:UNK =	-2.08433598		
Pt	0.47760786	-1.94625977	-1.29223962
Pt	-0.17323116	0.58874362	1.30685701
Pt	-2.58151630	-0.42663139	1.49200951
Pt	2.58302364	-0.43321043	-1.49405482
Pt	4.18063671	0.00194073	0.48385818
Pt	-0.00142459	2.85109529	0.00406212
Pt	-4.18036473	-0.00118370	-0.48861508
Pt	2.15001516	1.52931414	0.37461313
Pt	1.91875974	-1.16544772	0.96679939
Pt	-2.15078659	1.52753761	-0.38370901
Pt	-0.47732043	-1.94396210	1.30105160
Pt	0.17400285	0.58702680	-1.30601331
Pt	-1.91940215	-1.16896309	-0.96461909

13

#5.559:triplet:UNK =	-2.08431810		
Pt	1.33035825	-1.92490497	-1.10643927
Pt	-0.71055303	-0.35466820	-1.44270610
Pt	-0.99669928	-2.47328107	-0.09494414
Pt	3.15623153	-0.08925478	-1.38597934
Pt	0.54380222	-0.88057933	1.19315936
Pt	1.16355295	1.28600706	-0.75869514
Pt	-1.23741804	2.22598283	-1.59241255
Pt	-0.37919007	2.47936116	0.94561689
Pt	-1.61619280	0.35638561	1.43413289
Pt	3.11660746	-0.82054701	1.00695246
Pt	-3.21150511	-1.56060777	0.83655987
Pt	-2.94694991	0.46799069	-0.73706783
Pt	1.78795584	1.28811578	1.70182290

13

#5.361:triplet:UNK =	-2.08427916		
Pt	3.03228316	-1.77012484	-0.43016961
Pt	0.08707801	0.38207090	-1.56518589

Pt	-1.83935826	-1.47033502	-1.30986855
Pt	1.01297151	2.79534978	-0.91160472
Pt	-1.04174456	-2.16200740	1.12348165
Pt	0.60522525	-2.16625839	-1.06279233
Pt	-0.66470410	0.08536220	2.52848201
Pt	-0.94703831	1.72898334	0.36504974
Pt	-2.49324414	1.05758368	-1.62490961
Pt	-2.66518313	-0.10360139	0.78133178
Pt	2.44414819	0.68735253	-0.65388879
Pt	1.26446221	1.75742298	1.64997832
Pt	1.20510416	-0.82179836	1.11009599

13

#5.566:triplet:UNK =	-2.08423279		
Pt	2.87615311	-2.00879664	-1.30540942
Pt	-2.09075475	-2.13999265	-0.80630037
Pt	1.66881183	0.97300055	2.47685850
Pt	1.66855410	2.06822098	0.02208444
Pt	-0.49323112	1.49328416	1.13324595
Pt	2.65573534	-0.22774476	0.37320091
Pt	-0.87870827	0.07109774	-1.40029292
Pt	-2.66888019	0.24187908	0.60414034
Pt	0.41408382	-0.98224134	1.15994865
Pt	-1.99666890	2.32770263	-0.77976659
Pt	0.42147514	-2.10097493	-1.11555250
Pt	0.27988670	2.22167986	-2.05543870
Pt	-1.85645681	-1.93711468	1.69328170

13

#5.217:triplet:UNK =	-2.08417270		
Pt	0.89338152	0.70657290	-1.19190066
Pt	0.66210081	0.54698591	1.39279611
Pt	-0.37808959	2.89059178	-1.12862626
Pt	1.85303614	-1.66201903	-1.04721342
Pt	-0.39762779	2.87884620	1.40379868
Pt	-0.66572460	-1.66438732	-1.14672715
Pt	2.86926339	-0.69068524	1.23321728
Pt	-2.02006992	-1.74435679	1.16927707
Pt	-1.77126902	0.80178995	-1.17973559
Pt	-1.81749187	0.75998658	1.35935719
Pt	-3.19587861	-1.28360400	-1.10298763
Pt	0.54731276	-1.96283703	1.28262883
Pt	3.42105676	0.42311609	-1.04388445

13

#5.996:quintet:UNK =	-2.08413234		
Pt	3.91113737	0.28996887	0.36033726
Pt	0.02928508	-0.09967215	-1.98381027
Pt	-3.36668307	1.45490185	0.78778561
Pt	-1.79256198	-0.31002199	1.66726700
Pt	1.59462795	1.29910358	-0.38035589
Pt	0.60187646	3.56535218	-0.24812995
Pt	-2.50076338	-0.23235348	-0.87892616
Pt	-1.51007437	-2.12058759	-2.21240022
Pt	2.32687969	-1.04943190	-1.13737877

Pt	-0.10962191	-2.00069151	2.47754787
Pt	1.80999988	-0.74577591	1.42197111
Pt	-0.12067843	-1.67580058	-0.05158790
Pt	-0.87342330	1.62500863	0.17768030

13

#5.525:quintet:UNK =	-2.08412560		
Pt	-0.68859543	1.15405001	1.22464252
Pt	2.59927499	-0.87663323	1.62725301
Pt	-2.27146903	1.44472796	-0.71256989
Pt	-4.02554117	-0.14122154	0.24189965
Pt	-1.94407239	-1.29921723	-0.71326119
Pt	1.75307887	1.29274460	0.56219397
Pt	-0.00307373	2.81490066	-0.66033258
Pt	0.20115268	-1.33805625	0.94405387
Pt	0.03705129	0.41680348	-1.58529225
Pt	2.20550616	-0.90717909	-0.99988259
Pt	4.12295369	0.43547302	-0.00396132
Pt	0.15999829	-2.15454333	-1.80096195
Pt	-2.14626422	-0.84184905	1.87621875

13

#5.303:triplet:UNK =	-2.08411906		
Pt	0.92301505	0.84926158	-1.28549556
Pt	0.92473249	0.84860708	1.28581555
Pt	-1.61513011	0.51662897	1.25756701
Pt	-3.47954336	-0.95673433	0.00033743
Pt	-1.34947370	-1.98282684	-1.26529714
Pt	-1.34909130	-1.98286736	1.26449532
Pt	1.15764866	-1.64402964	-1.26864793
Pt	-0.64761041	2.85832903	1.26760065
Pt	3.15527380	1.10597136	-0.00200799
Pt	3.38746877	-1.34339631	-0.00073318
Pt	-0.64966389	2.85868655	-1.26606593
Pt	-1.61638499	0.51703018	-1.25748279
Pt	1.15875901	-1.64466027	1.26991456

13

#5.830:quintet:UNK =	-2.08394532		
Pt	1.03941368	-1.36896269	0.26907794
Pt	-0.60527299	3.08613699	0.83559115
Pt	-1.89846146	0.93524984	0.50690484
Pt	-1.00575874	-1.01986492	1.88923678
Pt	-3.13736100	-1.31133474	0.54914751
Pt	2.74866052	0.62799117	1.16419743
Pt	1.01553230	1.58567431	-0.40002438
Pt	1.34546486	-0.80127658	2.73318328
Pt	-1.18190996	-2.31012230	-0.74904641
Pt	-1.18076347	2.52510735	-1.59690332
Pt	-0.72946629	0.02344727	-1.57718755
Pt	2.70643193	-0.17621059	-1.30513788
Pt	0.88349062	-1.79583509	-2.31903940

13

#5.754:triplet:UNK =	-2.08373626		
Pt	-3.06176696	1.12798917	-0.67859490

Pt	1.84892589	1.01536517	-1.03748415
Pt	-1.68955283	-0.92438387	2.17551161
Pt	0.29829175	-1.36470549	0.69310541
Pt	-0.69837010	0.58152709	-1.46143790
Pt	1.33028009	-1.57373939	-1.58404723
Pt	0.14432998	2.91482709	-0.57092829
Pt	2.46671977	-0.70789851	1.77629063
Pt	-1.11416820	1.24365862	0.99585537
Pt	-1.23234968	-1.86759161	-1.35634250
Pt	1.37707021	1.53522999	1.37681721
Pt	-3.20816023	-1.21899132	0.17752504
Pt	3.53875031	-0.76128694	-0.50627031

13

#5.716:triplet:UNK =	-2.08372532		
Pt	2.59766179	-1.43301794	-1.10550425
Pt	-3.46743697	-0.35636357	1.14280096
Pt	3.58126319	0.75886461	-0.12927222
Pt	1.21545239	0.72662041	-1.07997049
Pt	-2.48415575	-1.81358595	-0.76125469
Pt	1.40946053	-1.59371094	1.17795772
Pt	-0.02446917	1.33563022	1.14117083
Pt	-0.42617443	2.70497409	-1.24121751
Pt	0.07150894	-1.95847683	-1.10532778
Pt	-1.31290478	0.29123633	-1.53941624
Pt	-1.01320988	-1.02344605	1.28727105
Pt	-2.37359210	1.73029488	0.21894844
Pt	2.22659623	0.63098075	1.99381417

13

#5.567:triplet:UNK =	-2.08354742		
Pt	0.25009812	-1.05684884	-1.54479255
Pt	-1.62590274	1.28179428	0.75639795
Pt	-3.65307457	0.52385124	-0.57049605
Pt	-1.71473800	-0.85543875	2.31111811
Pt	0.16291744	-2.51468773	0.67327109
Pt	-1.98682044	-1.34867167	-0.17060416
Pt	0.55907846	-0.10117079	1.40078859
Pt	0.55652101	2.51758968	1.28668695
Pt	2.39816888	1.28068942	0.08362443
Pt	0.15021458	1.46623701	-1.16513083
Pt	-1.83676425	0.28467583	-2.33767292
Pt	4.38015149	-0.04927577	-0.52734186
Pt	2.36015002	-1.42874393	-0.19584877

13

#5.945:triplet:UNK =	-2.08353840		
Pt	-0.66569100	-0.32230303	-1.69182712
Pt	-2.63548052	1.07873012	0.33123664
Pt	-0.97632871	2.18761596	-1.20333141
Pt	-0.84365643	-0.14530580	1.55379984
Pt	0.75226832	-2.13315591	1.89745686
Pt	3.35040256	1.55793459	-0.30928268
Pt	1.84342645	0.05367374	-1.81312005
Pt	2.49768693	-0.58932246	0.82975807

Pt	-1.29175137	-2.23139242	0.21828120
Pt	-0.92506924	2.43418204	1.78626173
Pt	0.87246381	1.27990256	0.29263216
Pt	1.09107566	-2.18227187	-0.80911448
Pt	-3.06934647	-0.98828752	-1.08275076

13

#5.554:septet:UNK =	-2.08350872		
Pt	0.15660542	-2.02191191	1.93811130
Pt	1.00577627	0.32073694	1.28324264
Pt	1.05877747	-0.15873982	-1.35934210
Pt	2.03295412	1.97806010	-0.36561957
Pt	-2.34535372	-1.63179310	-1.33204778
Pt	-0.32464419	2.87460098	-0.25216755
Pt	-1.72215712	-0.42511516	0.97865805
Pt	-0.02201118	-2.30848698	-0.62380917
Pt	-0.90879953	1.80451872	1.97562195
Pt	-1.28193677	0.77262218	-1.29648306
Pt	-3.69568633	0.34565118	-0.44160517
Pt	3.64451935	0.07659417	-0.99200609
Pt	2.40195621	-1.62673731	0.48744655

13

#5.921:triplet:UNK =	-2.08342998		
Pt	1.41558199	1.44201032	2.51553624
Pt	-1.83397126	0.82634849	-1.73187276
Pt	-0.52521467	-2.29017765	-0.13582845
Pt	-2.80878666	-1.28795780	-0.65277170
Pt	1.08616708	-1.60607948	-1.92306148
Pt	0.34707023	-0.72023066	1.63293459
Pt	-1.71835499	0.61678844	0.78304953
Pt	-2.01863072	-1.71193305	1.95965267
Pt	3.36451868	-1.50909971	-1.04337387
Pt	0.65172663	0.68640817	-1.01207174
Pt	2.52245800	0.12073137	0.61650585
Pt	-0.01541423	2.47034575	0.71973084
Pt	-0.46715006	2.96284580	-1.72842971

13

#5.376:triplet:UNK =	-2.08335543		
Pt	0.02339826	-1.88440508	2.43544874
Pt	-0.38579912	3.01360184	-0.62424223
Pt	3.10367842	0.35319864	0.92997995
Pt	-1.82915973	0.96596257	-0.10540289
Pt	-2.10766586	-0.75723556	-1.99771033
Pt	-1.15591332	-1.72629956	0.19573996
Pt	-0.86165454	2.41760927	1.77708556
Pt	-3.56148302	-0.89303796	0.15833026
Pt	1.46626883	1.39610089	-0.92228858
Pt	1.52015266	-1.81604021	0.37194133
Pt	0.38289549	-0.73068772	-1.93264924
Pt	0.50906151	0.35058650	1.21910079
Pt	2.89622043	-0.68935363	-1.50533331

13

#5.924:septet:UNK =	-2.08332617		
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Pt	4.65864684	-0.29857168	-0.00004025
Pt	-1.06621962	2.95190555	-0.05863951
Pt	2.35844704	-1.28833070	0.02040461
Pt	-2.05653846	-1.32923903	-2.48412223
Pt	-2.05194810	-1.23033625	2.53389641
Pt	0.49805885	1.05263442	-1.28499455
Pt	-2.08783909	-1.31376720	0.02586727
Pt	0.27329893	-1.42818671	1.42488076
Pt	0.27038332	-1.48489967	-1.37165764
Pt	-2.00819630	1.04180694	1.39126862
Pt	2.72083395	1.23620941	-0.01924164
Pt	0.49951596	1.10488351	1.25412230
Pt	-2.00844333	0.98589140	-1.43174415

13

#5.888:triplet:UNK =	-2.08309491		
Pt	-0.95506099	-2.32518094	-0.94109183
Pt	1.68614129	2.71944282	0.46213764
Pt	1.92957371	0.19820770	0.38177065
Pt	1.53593005	-2.24121008	-0.25486405
Pt	-2.36278367	-0.31537121	-2.19223052
Pt	-0.21410939	-1.38372908	1.41449585
Pt	0.15949581	-0.08341170	-1.47666840
Pt	-1.52853868	1.51843541	-0.45647122
Pt	-2.60628444	-0.58463969	0.39496411
Pt	3.85157913	-1.32488411	-0.03374565
Pt	-0.10329797	1.39908802	1.64521732
Pt	0.48103643	2.46771999	-1.72144759
Pt	-1.87368129	-0.04446714	2.77793369

13

#5.233:triplet:UNK =	-2.08308337		
Pt	-3.37927600	-0.24154309	-0.08863975
Pt	-0.74143454	2.54843053	-1.30469454
Pt	-1.76988530	-2.35625766	-0.71058568
Pt	-1.63013640	-1.20568955	1.65706508
Pt	0.49638812	2.80615362	1.28778983
Pt	0.53276076	-2.03472629	0.31067690
Pt	-1.15099263	-0.00193096	-1.46720807
Pt	2.67622920	-1.27925507	1.45061847
Pt	1.17630679	-0.95411975	-1.94691328
Pt	3.32917066	-0.23159862	-0.74436262
Pt	0.64422537	0.24045065	1.45418847
Pt	-1.58227278	1.34267638	0.84205260
Pt	1.39891674	1.36740980	-0.73998739

13

#5.432:quintet:UNK =	-2.08301203		
Pt	1.04185274	-1.69312464	-0.73912037
Pt	2.55081971	0.30131171	-1.61207340
Pt	1.10813020	1.54742913	0.13281764
Pt	-3.06375824	-0.95142325	1.04981491
Pt	-0.01644717	0.32479082	-1.89011412
Pt	3.36573434	-1.28809378	0.29295023
Pt	-1.80985003	1.17133917	0.27244974

Pt	-0.16789045	1.62689365	2.37504187
Pt	-2.40738217	-0.51389760	-1.58841984
Pt	-0.61247399	2.78609363	-1.29447643
Pt	1.86163359	-0.05220174	1.89795253
Pt	-0.53937367	-0.78629368	1.45450145
Pt	-1.31099484	-2.47282343	-0.35132421

13

#5.766:quintet:UNK =	-2.08296709		
Pt	-0.28418316	-1.87756073	-1.14910411
Pt	2.73025672	2.20632959	-0.39612385
Pt	-2.02181079	2.85355145	-0.74754501
Pt	-2.39172905	-1.47261140	1.76497575
Pt	-1.94011195	0.94869911	1.00011368
Pt	-0.01268899	-0.78110905	1.31468035
Pt	1.31139469	0.17559040	-1.04866309
Pt	0.23948820	2.14856484	0.20286591
Pt	1.97000357	0.83306052	1.64042737
Pt	2.36392736	-1.64930266	1.06026416
Pt	2.20196956	-2.18991399	-1.42164678
Pt	-2.73315084	-1.64812397	-0.73744554
Pt	-1.43336532	0.45282589	-1.48279884

13

#5.909:quintet:UNK =	-2.08279867		
Pt	-2.04347409	2.56645781	-0.80927110
Pt	-2.39996710	-2.45241029	-0.26233525
Pt	-2.56306396	-1.03494821	1.81235946
Pt	-0.66599494	0.98423014	-2.36364057
Pt	1.44735704	-1.57665154	0.93404794
Pt	0.19291443	1.66839307	-0.03226685
Pt	1.28541691	1.95810231	2.26457386
Pt	3.45919813	-1.41496437	-0.68958001
Pt	-2.37196946	0.09113897	-0.49592538
Pt	-0.32412857	0.00403364	1.96253588
Pt	2.56659272	0.67823005	0.50759885
Pt	-0.23190496	-1.38383403	-0.92352779
Pt	1.64902387	-0.08777754	-1.90456904

13

#5.889:quintet:UNK =	-2.08270958		
Pt	-0.37696966	2.62776673	-1.54474392
Pt	2.59315490	-0.71469977	-1.13366373
Pt	0.50229705	-2.32602835	-0.63474477
Pt	-2.11571117	0.38108524	2.64562453
Pt	-1.79398539	-1.79646695	-1.74619530
Pt	0.10894358	0.05253648	-1.45217232
Pt	2.11869613	-1.34348720	1.32912645
Pt	-0.33263881	-0.88488485	1.29763682
Pt	-2.26276987	0.88687391	-1.01048635
Pt	3.63585636	0.64687834	0.83578211
Pt	-2.71312528	-1.03197338	0.55017975
Pt	-0.88270032	1.79998662	0.92835713
Pt	1.51895247	1.70241317	-0.06470040

13

#5.590:septet:UNK =	-2.08270430	
Pt 1.23780571	1.57736810	-1.03538028
Pt 1.11874340	-3.01160636	-0.95204239
Pt -1.94562814	1.09778854	0.79520936
Pt -1.28469388	1.34175423	-1.80677061
Pt 1.51995881	-0.97524507	1.64370010
Pt 3.06189536	1.17380614	0.84062966
Pt -2.73616665	-1.12893308	1.66164875
Pt -0.64156147	3.19721493	-0.04738938
Pt -0.06320649	-0.84613174	-1.53603603
Pt 0.49749936	1.29369333	1.36484868
Pt 2.42074809	-0.81722117	-0.71671437
Pt -2.59151066	-0.84317401	-0.92597481
Pt -0.59388345	-2.05931384	0.71427132

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#5.993:septet:UNK =	-2.08256498	
Pt -0.77027296	-2.14699032	1.33084440
Pt 2.52530242	-1.52781378	-0.06803873
Pt 0.83291781	-0.07288749	-1.31146320
Pt -3.58994125	0.43379896	-0.90959690
Pt 0.77946775	-0.16415959	1.24631107
Pt -2.74548397	-0.55570797	1.35561364
Pt 4.22148890	0.28185766	0.11137054
Pt -1.24767730	1.47571419	-1.22520036
Pt 0.43181604	-2.80095024	-0.88641157
Pt 2.17318263	1.65380536	0.03500125
Pt -1.58874723	-1.15918910	-1.05292071
Pt 0.17530885	3.15940606	0.04011573
Pt -1.19736170	1.42311626	1.33437484

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#5.793:triplet:UNK =	-2.08240274	
Pt -2.25005931	1.16759359	-1.48390954
Pt -1.58383503	2.89824689	0.38392734
Pt 1.01598749	-1.11108225	1.41954701
Pt -1.22921647	-1.48575190	2.50500257
Pt -2.05992423	-1.22400231	-2.33956919
Pt 4.55140415	0.19121751	-0.65788266
Pt 0.08008158	-1.22998576	-0.92049544
Pt 0.22400563	1.34605555	-1.03781648
Pt 2.60258506	-1.36245743	-0.64832731
Pt 2.40118857	1.05251920	0.22783656
Pt -2.07310093	-2.03253159	0.12082393
Pt -1.97383024	0.35144538	0.85446549
Pt 0.29471373	1.43873312	1.57639772

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#5.712:triplet:UNK =	-2.08235273	
Pt 1.46333693	2.55551169	-0.51798071
Pt 1.66429556	-0.71621269	1.29422438
Pt -2.26322004	-2.42852736	-1.14110702
Pt 2.60448412	-1.97368323	-0.83553594
Pt -0.11411828	-0.50833390	3.05407964
Pt 0.07454702	-1.84255533	-0.40593010

Pt	3.26712376	0.77644050	-0.02339464
Pt	-0.21065102	1.10675775	1.02004895
Pt	1.30724049	0.12580032	-1.56158700
Pt	-2.80496368	0.05425964	-0.95653526
Pt	-2.47378013	2.23234938	0.40531322
Pt	-0.78031146	1.52498203	-1.41173854
Pt	-1.73398326	-0.90678881	1.08014301

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#5.318:quintet:UNK =	-2.08234818		
Pt	1.31416785	-1.98057834	0.13616243
Pt	0.81383375	1.52184881	0.55356947
Pt	-3.07275847	-1.28269677	-0.14336466
Pt	-0.87034789	-2.28015729	-1.24287990
Pt	1.37537399	-0.36213999	2.26675902
Pt	3.33695485	-0.70829273	-0.90923960
Pt	3.20499207	0.89801642	0.99594596
Pt	-0.83762655	-0.88088395	1.16773475
Pt	-0.04981975	2.36101935	-1.83636007
Pt	-1.57998893	0.25835935	-1.49581685
Pt	0.93611811	-0.06744545	-1.48227209
Pt	-2.94210470	0.47033869	1.73264974
Pt	-1.62879434	2.05261191	0.25711181

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#5.662:quintet:UNK =	-2.08230027		
Pt	0.37422844	-0.46798342	2.85570690
Pt	4.04322268	-0.49242650	-0.56362404
Pt	-2.63324742	-0.09466112	-1.03394609
Pt	0.38061001	3.24839454	-0.69596228
Pt	-2.32730460	-2.36778028	0.19570296
Pt	-0.10116789	0.83805481	-1.41472518
Pt	-1.90184319	2.23898523	-0.05755872
Pt	1.79783816	-0.82738921	-1.54047469
Pt	-1.81155902	-0.07261716	1.40588456
Pt	0.10793196	-1.57372542	0.51239030
Pt	2.28292827	-0.24142762	1.13953083
Pt	-0.60430528	-1.66854680	-1.93603239
Pt	0.39266788	1.48112297	1.13310784

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#5.366:quintet:UNK =	-2.08218023		
Pt	1.53133987	0.69736868	-1.56098466
Pt	-3.23465365	1.02114041	-0.09541533
Pt	-0.05148620	-1.94811817	2.35080404
Pt	1.90164415	-1.78073563	-1.74070506
Pt	1.60632768	2.22226898	0.47851912
Pt	-0.37415285	-1.61247246	-0.57450388
Pt	-0.95416836	0.77880054	-1.38597952
Pt	3.53954854	0.54745125	0.09520854
Pt	-2.05530589	-0.82541975	1.19987240
Pt	1.80274410	-1.12990746	0.79666202
Pt	-2.74590643	-1.08746512	-1.55533137
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Pt	-0.97554313	2.56007442	0.39595698

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Pt 2.42267081 -1.11061252 0.07636022
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Pt -2.07184594 2.85815493 0.07146399
Pt -0.47269538 0.93453032 -0.81205805
Pt -2.55871612 -2.02786731 -0.66287157
Pt 0.31004260 2.69154526 1.00427115
Pt -1.20183602 -0.81946036 -2.51741741
Pt 0.99542422 -2.23993588 1.90334231
Pt -1.34273560 -1.03733999 1.56598163
Pt 0.04609998 -1.75297457 -0.50927175
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Pt 0.80483434 0.33385228 1.73945160
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Pt -2.97872504 -1.75686388 0.91101647
Pt 1.30710188 -1.97986142 0.38398621
Pt 3.44727973 -1.18118980 -0.76483651
Pt -0.59999746 -0.01551330 -1.58276209
Pt 1.86748545 0.66010380 -1.41774446
Pt 0.13523261 2.39806778 -2.04305090
Pt 3.06884550 -0.38417569 1.59733900
Pt -0.40518749 2.60824228 0.43029881
Pt -0.69093098 1.48000072 2.73992725
Pt 0.78691831 0.44282415 0.90258281
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Pt -1.91030921 -2.33157775 -0.43547615
Pt -1.68232619 -1.19398807 1.85831714
Pt 0.79073755 -1.11272103 1.54338494
Pt 2.88238096 -1.19396544 -1.35033696
Pt -3.48178320 -0.25365424 -0.05476230
Pt 1.68729154 1.24644831 0.95363188
Pt -1.36240321 -0.00751871 -1.53509303
Pt 1.23047419 0.71585142 -1.48156662
Pt 0.08740929 3.14345099 0.97691046
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Pt -0.93052663 -0.57958501 -1.18186995
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Pt 1.19584155 0.72610166 -1.59114124
Pt -1.77569005 -2.84535898 -0.30381531
Pt -1.02630970 1.99872374 -1.59088296
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Pt	3.09038498	-0.27188986	1.21013525
Pt	-0.18367892	3.44407515	0.35320761
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Pt	0.64643756	-0.85151676	1.47351637
Pt	1.54762292	1.66263330	0.75084906
Pt	-3.11573378	0.27842519	-0.21759924
Pt	0.71357863	-2.42935080	-0.53019943
Pt	-1.84992023	-1.18499459	1.65249801

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#5.959:triplet:UNK =	-2.08173124		
Pt	0.64804060	-1.81144449	1.05888309
Pt	0.22630479	2.82890700	-1.11713590
Pt	-1.29352168	2.68312794	0.87867974
Pt	2.02039004	1.17934820	-0.64169145
Pt	-1.01252317	-2.02063264	-1.02096859
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Pt	-3.49918326	-1.55016841	-0.45674886
Pt	-0.53223724	0.41060056	-1.25180324
Pt	-1.81566251	-0.96083785	1.41175749
Pt	-2.75834754	0.86469200	-0.13253082
Pt	1.48860391	-1.42839541	-1.32962832
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Pt	0.17515178	0.66742845	1.34829236

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#5.628:triplet:UNK =	-2.08172732		
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Pt	-0.99963026	-1.81367759	1.04314965
Pt	-2.76550674	0.23415651	0.00730150
Pt	-0.31764080	3.05098145	0.09615035
Pt	1.78567775	1.69179662	0.69913879
Pt	-0.55986913	0.73146828	1.08199276
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Pt	-0.20565635	-2.98711057	-1.03623035
Pt	1.48266852	-1.57341905	0.21001188
Pt	3.12271315	0.01388283	-1.09931200
Pt	3.28668787	-0.24318099	1.41736413
Pt	0.57572824	0.41293884	-1.25219954
Pt	-1.43836422	-0.92218971	-1.87340563

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#5.827:triplet:UNK =	-2.08168507		
Pt	0.70906439	1.53089718	1.22307190
Pt	-0.35796144	-0.15259772	-1.75486014
Pt	-1.16697714	-2.16854559	-0.06250932
Pt	-0.73665701	2.39022421	-0.94485609
Pt	-0.96044555	-0.21259003	1.91643704
Pt	2.96300498	0.46870172	0.91303521
Pt	3.22874737	-0.60407710	-1.44363685
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Pt	1.58098736	1.32610260	-1.28209387
Pt	-2.55833222	-1.39439219	-2.01083635
Pt	1.36209826	-1.36861065	0.12797266
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#5.529:quintet:UNK =	-2.08165479		
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Pt	1.80370269	1.76614628	-0.40150257
Pt	-2.47476832	1.29028527	0.24782202
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Pt	-0.47220197	2.98866561	-0.20439523
Pt	-1.29883425	-1.29491449	0.19668015
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Pt	-0.28269831	0.75542088	-1.49154838
Pt	0.44674393	-1.40246344	2.09219360
Pt	4.05119617	0.74889331	-0.28812845
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#5.634:quintet:UNK =	-2.08155615		
Pt	-1.37063866	0.99490699	1.34582551
Pt	3.96012743	-0.58235246	-0.86527551
Pt	0.10806572	-1.30441220	0.94397229
Pt	-0.43297165	0.35753107	-1.57972097
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Pt	0.66666845	0.36805521	2.85550241
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Pt	2.34789478	0.07861283	0.89554595
Pt	-0.64180880	-2.25555913	-1.37727588
Pt	1.61036550	-1.09843346	-1.40720721
Pt	-0.07357947	2.85471847	-1.37729938
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#5.720:septet:UNK =	-2.08152662		
Pt	-0.97775090	1.33103031	-0.99663489
Pt	-2.79748851	-0.53121665	-0.48951009
Pt	0.99066476	2.94449509	-0.91015468
Pt	3.61193587	-0.08476313	0.25218146
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Pt	1.53153701	0.51270647	-1.42981503
Pt	-2.04828337	-2.96306842	-0.29182469
Pt	1.55834410	-1.21927483	1.69182001
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Pt	-3.14435488	1.84838237	0.29995118
Pt	-0.33957147	-1.35937933	-1.25819530
Pt	1.45632038	1.23924085	1.02229913
Pt	-0.98801193	1.34292798	1.62049375
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#5.396:triplet:UNK =	-2.08150414		
Pt	-1.82557958	1.24140210	-1.27745657
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Pt	-1.09547098	-2.36141711	-1.42499344
Pt	0.73153778	0.16957977	2.50354503

Pt	-2.94925107	-0.84661821	-0.41772679
Pt	3.57677890	-1.28580650	-0.01922086
Pt	0.28120717	-0.12546260	-1.26103142
Pt	1.42458873	-2.30699343	-0.71339584
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Pt	-2.32462016	-0.36934540	2.00091948
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Pt	-1.73191369	0.44840253
Pt	1.72007367	-1.60816832
Pt	-0.73925321	2.71790985
Pt	-0.79490862	0.64276441
Pt	-3.28549873	-0.05877695
Pt	3.32093688	0.10709046
Pt	2.66233288	-1.27923182
Pt	0.08791174	2.95954585
Pt	-1.33261509	-1.78776472
Pt	1.59314147	0.96023961
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Pt	-2.34877611	-1.97099583
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Pt	0.14286726	2.75359624
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Pt	-2.65678676	0.33422466
Pt	-0.20770833	0.62167075
Pt	-2.65566334	-1.76214732
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Pt	1.02319763	0.94274006
Pt	-0.10847795	-1.72497074
Pt	2.33272932	-1.13339181
Pt	0.76041043	-1.50536413
Pt	-2.28583241	2.08207365
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#5.324:triplet:UNK =	-2.08107999	
Pt	-2.18194705	1.09206722
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Pt	1.28621932	1.32965511
Pt	-2.88880769	-1.05364967
Pt	-0.70647276	-2.17780655
Pt	1.95723077	-0.38206929
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Pt	-0.50103652	-0.17908399
Pt	-2.88891844	-1.05760148
Pt	-0.50039722	-0.17798536
Pt	1.95746894	-0.37772237

Pt	1.82960394	-1.99245688	0.00215067
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#5.930:triplet:UNK =	-2.08077625		
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Pt	-2.38154402	-1.20004812	0.34294922
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Pt	-0.86938658	0.25067945	-1.48808647
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Pt	-1.71395024	-2.09953137	-1.95510596
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Pt	-2.39239029	2.25556097	-0.90441919
Pt	-1.99201831	-0.40623167	2.75479918
Pt	-0.05105270	-1.18140800	1.22776193
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Pt	1.53139914	1.06289310	1.13188562
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#5.864:triplet:UNK =	-2.08071059		
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Pt	0.85010402	2.83857924	-0.07967321
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Pt	-2.39474136	0.83712631	-0.85271735
Pt	-1.47263716	2.34992355	1.00361612
Pt	-0.28061326	-1.66095040	-0.27402951
Pt	0.04972978	0.77378476	-1.43066504
Pt	-1.39769112	-1.00819106	-2.54996437
Pt	4.14680644	-0.87615115	-0.67957647
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Pt	0.48823331	-0.55106721	1.36397802
Pt	4.22379658	-0.21612080	-0.89961571
Pt	0.03790851	-2.20520510	-0.46330560
Pt	2.49426550	-1.71885895	0.13983413
Pt	0.63191022	2.77449547	0.26985661
Pt	1.99375844	0.73636395	-0.30944539
Pt	-2.44553461	-1.41637840	-0.44854157
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Pt	-0.01769519	0.04504829	-1.68519174
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Pt	-2.45059422	0.15349952	-2.45279332
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Pt	0.90181879	-2.16262416	-0.36331774

Pt	1.72485538	0.01258122	0.78854250
Pt	0.18174542	1.38984106	2.27728234
Pt	-2.34342059	1.26238979	-1.51545752
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Pt	-2.57474230	-1.33131012	-1.18512732
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Pt	1.92076610	0.91717187	-1.71750069
Pt	-1.43188794	0.06804612	0.74515668
Pt	0.12682557	-1.29099525	2.41697627

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#5.723:triplet:UNK =	-2.08061017	
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Pt	-0.40417691	-1.58274946
Pt	-0.17928246	3.10911476
Pt	2.47526328	-1.16276233
Pt	-1.48635761	1.00333190
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Pt	-2.74829875	-1.12006446
Pt	-0.43236708	2.67000190
Pt	0.11522982	-2.23327575
Pt	-2.46270363	-1.68835976
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Pt	-2.32672889	0.63218170
Pt	2.25483476	-0.51679467
Pt	0.40838248	-1.89276914
Pt	0.96978168	2.33713137
Pt	-1.33315735	2.85718151
Pt	-0.10168752	0.51306079
Pt	3.00440645	0.87877326
Pt	2.53821498	-1.74882729
Pt	-1.95348395	-1.46875774
Pt	-1.02610437	1.89492538
Pt	0.82376658	0.03756329
Pt	-1.58019053	-0.67416522

13

#5.744:quintet:UNK =	-2.08048499	
Pt	-0.33623667	-2.14407641
Pt	0.86146838	1.68705888
Pt	-1.62010594	1.91809886
Pt	1.92073678	-0.37953226
Pt	2.71387809	-0.49077123
Pt	-0.57853990	-0.48825310
Pt	-2.16449578	0.54373479
Pt	0.27645971	0.10766202
Pt	2.08494356	-2.28087670
Pt	-3.04032449	-0.34882960

Pt	-2.77879656	-1.91328248	-0.82496243
Pt	3.30721204	1.18520944	0.25478891
Pt	-0.64619923	2.60385780	-1.36666982

13

#5.291:quintet:UNK =	-2.08022846		
Pt	2.49619207	-0.63170950	1.40518911
Pt	0.37087079	2.69693930	-0.92620455
Pt	-1.85474640	-1.20495163	-1.89401001
Pt	-1.86644461	0.16654416	1.25797052
Pt	0.35808032	0.08488376	-1.34135436
Pt	-1.40279798	2.69628650	1.06457232
Pt	2.50784656	-1.35177729	-1.10117441
Pt	0.21405868	-2.34578435	-0.51821548
Pt	2.54722490	1.30284708	-0.53546731
Pt	0.10784170	-1.49809615	1.85976941
Pt	-2.16667906	-2.22039063	0.52747060
Pt	0.62386177	1.09022945	1.25557569
Pt	-1.93530873	1.21497930	-1.05412153

13

#5.726:quintet:UNK =	-2.08016474		
Pt	1.34755906	-1.18740888	1.91644399
Pt	1.68553090	1.11133231	-0.41039577
Pt	0.00498677	2.69590293	-1.41820859
Pt	-1.26826437	2.93358616	0.73360949
Pt	-1.51904231	-2.05644014	-1.43688743
Pt	-1.05100653	-1.47266934	1.17545830
Pt	3.44425387	-0.13521691	0.99120982
Pt	-0.81027422	0.33759605	-1.49801849
Pt	0.87980287	-1.59798148	-0.72670377
Pt	0.06468984	0.96625184	1.54888484
Pt	-2.48317628	0.76778245	0.36464199
Pt	-3.43959230	-1.54634644	0.17988847
Pt	3.14453269	-0.81638855	-1.41992285

13

#5.933:triplet:UNK =	-2.08004853		
Pt	-0.56578486	-1.20534106	1.12868674
Pt	-1.35990417	-1.66013434	-1.25899155
Pt	3.60768360	0.41186732	0.73475584
Pt	1.83355285	-1.07315133	1.83296510
Pt	3.03806541	-0.49870893	-1.52515229
Pt	-0.01156061	2.87116754	-0.71207521
Pt	-3.60685334	-0.62522845	-0.68725754
Pt	1.20496116	1.23567601	0.93334032
Pt	-1.30875967	1.53372443	1.19571821
Pt	0.68381522	0.41286366	-1.43631957
Pt	-2.85777042	-0.43053829	1.71858104
Pt	1.13160651	-2.01950232	-0.70104206
Pt	-1.78905170	1.04730576	-1.22320903

13

#5.881:triplet:UNK =	-2.07994481		
Pt	-2.01381737	1.60232368	0.30054913
Pt	2.89902526	-1.50598927	1.05114860

Pt	-0.82404645	3.46641087	-0.80719853
Pt	-0.58895669	-2.43201207	-2.01057932
Pt	-2.83126478	-0.30003959	1.85568750
Pt	-1.99187717	-1.99804298	0.16712593
Pt	0.67784130	-0.21113959	-1.40418426
Pt	0.49615044	-1.91618661	0.52028069
Pt	2.03845921	0.86502278	1.51896993
Pt	1.18349260	2.09789945	-0.52353121
Pt	-1.78373312	-0.15859895	-1.50589857
Pt	3.09099028	0.26863633	-0.83603262
Pt	-0.35226351	0.22171594	1.67366272

13

#5.724:quintet:UNK =	-2.07988796		
Pt	-0.02496122	-0.00684751	3.12638733
Pt	-0.55345844	-1.32778782	1.02315098
Pt	3.39348940	1.24444523	-0.32665234
Pt	1.77035908	-0.00048642	1.34301398
Pt	-1.27888064	0.00513543	-1.53271097
Pt	1.06113768	-1.31379040	-1.17884587
Pt	3.38575644	-1.25510026	-0.32780003
Pt	1.06510885	1.33344798	-1.16419873
Pt	-0.55856199	1.32415176	1.03004877
Pt	-1.15121424	-2.57048990	-1.19619086
Pt	-2.97939918	1.26714051	0.19253918
Pt	-2.97579499	-1.27772996	0.19364948
Pt	-1.15358076	2.57791137	-1.18239092

13

#5.952:triplet:UNK =	-2.07963257		
Pt	2.70921729	-0.75558782	-0.01979669
Pt	-0.43902327	2.21544467	-1.32243411
Pt	-1.94432604	-1.45772492	0.83755922
Pt	4.10068716	1.28479138	0.28557927
Pt	-2.54089253	2.54062686	0.09767363
Pt	0.54237888	-1.32600454	1.28008784
Pt	1.15978832	-2.60758887	-0.85670587
Pt	-0.63360395	1.04120147	1.00996806
Pt	-1.06964487	-0.42307934	3.03407660
Pt	-2.34694081	0.27364609	-1.11621375
Pt	-1.54021271	-2.11513554	-1.61152084
Pt	0.28681275	-0.29844298	-1.42626298
Pt	1.71575977	1.62785355	-0.19201038

13

#5.908:quintet:UNK =	-2.07951385		
Pt	0.17322825	0.50656309	1.46587856
Pt	-0.05339572	-1.81493231	-0.03351795
Pt	-2.34623706	0.02046400	-0.42641755
Pt	-2.46147970	-2.51437842	-0.41538121
Pt	-1.23712630	-1.37129134	-2.36776061
Pt	-2.26470276	1.19071749	1.81870025
Pt	-1.96387257	2.57349800	-0.28577064
Pt	0.65512188	-1.83108592	2.40128354
Pt	4.30840095	-0.33462245	-0.61793261

Pt	2.24874380	-0.85753618	0.69595901
Pt	2.39953877	1.17819203	-0.92353040
Pt	-0.02553552	0.63304558	-1.40667846
Pt	0.56731598	2.62136643	0.09516807

13

#5.530:triplet:UNK =	-2.07938512		
Pt	0.37286087	-1.82249576	1.22263001
Pt	0.43053413	1.14352827	1.15284013
Pt	-1.78289682	-0.34673346	1.35832745
Pt	1.21564713	-1.73631442	-1.18443584
Pt	2.00678261	1.79858520	-0.75359153
Pt	-1.85088107	-2.71957556	0.44275578
Pt	-1.92451190	2.21082708	1.34687503
Pt	-0.40893418	2.81340972	-0.80993048
Pt	-2.28360600	0.72865568	-0.86423328
Pt	2.26615942	-0.37708119	1.93721590
Pt	-1.37847136	-1.67466519	-1.82927302
Pt	3.23012581	-0.43100420	-0.37359509
Pt	0.10719135	0.41286385	-1.64558505

13

#5.956:septet:UNK =	-2.07926425		
Pt	0.34957539	3.00439227	0.23456612
Pt	-0.05830054	0.28266408	-1.18714208
Pt	1.34955125	-1.78458380	-0.93426987
Pt	3.60505080	-0.55831419	-1.19504719
Pt	2.13893887	1.44249731	-0.67425884
Pt	0.11616588	0.73576645	1.40542123
Pt	0.42304772	-1.57944489	2.39580282
Pt	-1.68338083	2.24615201	-1.14379989
Pt	2.35579676	-0.58402046	1.08036927
Pt	-2.25004416	1.63245621	1.29690778
Pt	-2.95048447	-2.52655975	-1.03243362
Pt	-0.86059423	-2.14900853	0.27502691
Pt	-2.53532244	-0.16199670	-0.52114263

13

#5.60:triplet:UNK =	-2.07918687		
Pt	-1.34618257	-2.30091746	1.30847090
Pt	1.84171920	0.90615234	1.26135199
Pt	-0.72583592	0.17693702	-1.34833775
Pt	-2.92435328	-0.58251067	-0.03224870
Pt	1.12036184	-1.66356108	1.27855002
Pt	0.02402739	2.66981710	1.27722216
Pt	-2.24509594	1.94304375	0.00205509
Pt	1.14288853	-1.69313886	-1.25784360
Pt	-1.32405868	-2.33317714	-1.27887793
Pt	0.01851419	2.64753457	-1.29971062
Pt	3.31676960	-0.86283069	0.01666116
Pt	-0.74253509	0.20702094	1.35872654
Pt	1.84378075	0.88563017	-1.28601925

13

#5.765:triplet:UNK =	-2.07918110		
Pt	-3.00519764	-0.41637797	-0.28876517

Pt	3.45128702	-1.56992413	-0.04363881
Pt	1.20406736	-0.60896745	0.75610921
Pt	-2.06008958	-2.69231846	-0.95178918
Pt	0.73701104	1.65290469	-0.94199044
Pt	-0.97164690	0.88805735	1.22380073
Pt	0.12313033	-0.48794665	3.05927785
Pt	-0.50499918	3.33944682	0.51355269
Pt	-0.77853163	-0.57026733	-1.59085707
Pt	3.08917945	0.97945398	-0.19269879
Pt	1.71374842	-0.62079726	-1.77161754
Pt	-1.07835560	-1.73070239	1.19983466
Pt	-1.91960309	1.83743881	-0.97121815

13

#5.857:triplet:UNK =	-2.07915117	
Pt	3.47906600	-1.16129736
Pt	-2.73452265	-1.18996971
Pt	-0.89180513	-1.90046509
Pt	1.76748364	0.70506418
Pt	-1.83226036	0.77358465
Pt	-1.76890266	1.14063130
Pt	-0.21286434	2.65607026
Pt	1.54936935	-1.94907609
Pt	-0.25649531	-0.86356858
Pt	3.30624938	-0.01785476
Pt	0.77953672	0.33730652
Pt	-3.35561883	-1.18793964
Pt	0.17076419	2.65751431

13

#5.325:septet:UNK =	-2.07907133	
Pt	-1.83369933	1.40905436
Pt	1.79684660	1.62849279
Pt	-3.58766196	-0.22366867
Pt	0.61353280	-3.02693724
Pt	0.19930741	3.03699493
Pt	0.26681556	-0.56970631
Pt	-1.50218281	-1.68888428
Pt	0.35130061	-1.93346912
Pt	3.93920653	0.41049562
Pt	-2.23791858	-0.21808018
Pt	-0.77554720	1.79482744
Pt	0.51377925	0.52512184
Pt	2.25622113	-1.14424119

13

#5.309:singlet:UNK =	-2.07901699	
Pt	-0.42270505	0.43415834
Pt	3.39664046	-0.21853468
Pt	1.10131622	-0.80601321
Pt	-1.59023602	2.65675568
Pt	1.70844927	-0.22984416
Pt	-0.73251951	0.37749309
Pt	0.37847828	1.54867236
Pt	1.22567661	-2.51900903

Pt	2.63048902	1.97149829	-0.57089317
Pt	-2.03431168	0.72650331	0.92070321
Pt	-1.25771500	-1.58779049	1.49606551
Pt	-1.24952246	-2.05848546	-1.01388890
Pt	-3.15404014	-0.29540405	-1.16144950

13

#5.787:triplet:UNK = -2.07886616

Pt	2.95163149	-0.92867044	-0.56880883
Pt	-1.15849143	-0.68389150	1.58189790
Pt	0.53416344	-1.66089326	-0.17537761
Pt	3.25349315	1.67102402	-0.60429907
Pt	-0.60248290	-1.03363723	-2.40006333
Pt	1.10743176	0.71651051	-1.55831111
Pt	-2.43781806	2.49389857	0.61942943
Pt	-3.17647429	0.02221966	0.28316132
Pt	-1.43859258	1.07982360	-1.25469630
Pt	-0.11059908	1.54019521	0.93573799
Pt	1.04715354	-1.57665061	2.35645613
Pt	2.08712106	0.51537640	1.37694154
Pt	-2.05653609	-2.15530493	-0.59206807

13

#5.615:septet:UNK = -2.07880651

Pt	1.68166217	-1.25949412	-0.73832184
Pt	-2.68890904	-0.31926497	-1.48452095
Pt	-1.68180144	-1.25433699	0.74446403
Pt	-4.03678781	-0.16251041	0.71351908
Pt	0.00116975	2.87849546	-0.00573966
Pt	2.10826781	1.48587142	-0.56065448
Pt	-0.27306734	0.66872149	-1.33629698
Pt	0.57929387	-1.85992978	1.64205853
Pt	-2.10827812	1.49123679	0.55083237
Pt	4.03748821	-0.16850119	-0.71508451
Pt	0.27195024	0.67751446	1.33738523
Pt	-0.57946716	-1.87061277	-1.63093119
Pt	2.68847887	-0.30718938	1.48329035

13

#5.823:quintet:UNK = -2.07863985

Pt	1.09553034	1.17399862	2.75048405
Pt	1.75437186	-1.36013310	-1.19521341
Pt	-2.72357242	-1.59713046	-1.00220527
Pt	-0.33204676	-2.55694700	-0.33186600
Pt	-1.78157585	2.92205623	-0.31857349
Pt	0.12541887	-0.78016334	1.42506585
Pt	4.07524852	-0.62661655	-0.84049843
Pt	-0.49335488	-0.22969771	-1.48144281
Pt	2.42893375	0.24146853	0.80867255
Pt	0.44255097	1.81291302	0.36598719
Pt	-2.25410234	-1.71471708	1.55070928
Pt	-2.15532550	0.56481655	0.38211730
Pt	-0.18207655	2.15015229	-2.11323681

13

#5.799:triplet:UNK = -2.07860139

Pt	-2.39557671	0.29624682	-0.06680633
Pt	-1.78705874	-1.98809651	0.93998331
Pt	4.09762069	1.22708104	0.12397529
Pt	-0.47866688	2.55528319	-0.38266393
Pt	-1.66120513	-1.74807918	-1.62765460
Pt	1.68770687	1.56344670	0.54833774
Pt	-0.31323439	-1.22040357	2.93135882
Pt	2.61594083	-0.55534071	-0.74871503
Pt	0.92639506	-2.12640761	-1.92048261
Pt	0.08658007	0.19736558	-1.19346230
Pt	-2.93223516	2.57903752	-0.81613233
Pt	-0.52418654	0.89527852	1.60907899
Pt	0.67792004	-1.67541179	0.60318297

13

#5.788:quintet:UNK =	-2.07857733		
Pt	-1.02515027	2.18300816	-1.73846400
Pt	0.61341951	-2.35329464	-0.32207043
Pt	-0.56144869	0.25333190	0.98455537
Pt	3.08498243	-1.84289625	-0.72451240
Pt	0.68986513	2.33341039	0.15241650
Pt	-1.72193901	-2.03679867	0.68700433
Pt	1.79421321	-0.67686463	1.28468458
Pt	-2.68350490	1.13512764	-0.10454742
Pt	2.33888289	0.58109064	-0.86644962
Pt	-2.41032485	-0.96418336	-1.49347389
Pt	0.00050480	-0.16242284	-1.52529340
Pt	-2.84221318	-0.13441730	2.13098861
Pt	2.72271293	1.68490896	1.53516177

13

#5.902:singlet:UNK =	-2.07847569		
Pt	1.94460752	2.35299439	1.51886348
Pt	-1.43921048	2.36730165	-1.30478126
Pt	-2.00111666	0.94656142	0.72780561
Pt	0.37001863	0.29242302	1.31654081
Pt	-2.11927169	-1.93630957	0.65041995
Pt	-0.65697096	-0.01058603	-1.90890351
Pt	0.96747062	1.66644464	-0.76358879
Pt	2.72830661	-2.28670609	-0.13063648
Pt	0.19807078	-1.80135031	-0.22173473
Pt	-3.04294759	-0.42973006	-1.19321447
Pt	-1.53392417	-0.62954702	2.73585521
Pt	2.79074478	0.17113979	0.52846630
Pt	1.79422261	-0.70263582	-1.95509211

13

#5.872:quintet:UNK =	-2.07837629		
Pt	0.32640554	0.70323958	1.40912217
Pt	2.20360846	-1.55022817	-1.11889486
Pt	0.20278895	0.04953315	-1.33612253
Pt	-0.04839801	-2.16893445	-0.02087734
Pt	1.95827319	1.61748711	-0.30861285
Pt	-0.11479294	2.78150837	-1.19807369
Pt	-1.96289689	-1.38435884	-1.73228142

Pt	-2.50044581	-2.30223350	0.61334237
Pt	-2.09700208	1.00698683	-0.80083204
Pt	1.80471999	-1.31457918	1.50494994
Pt	-2.14902059	0.04087766	1.52419190
Pt	-1.36156306	2.56904927	1.12106747
Pt	3.73832325	-0.04834784	0.34302088

13

#5.874:quintet:UNK =	-2.07834831		
Pt	2.40934138	-0.24332422	1.73908679
Pt	-0.77296275	-0.19983130	-1.42099896
Pt	-2.53627461	0.41256499	1.67349978
Pt	-0.38212094	-2.76285786	-1.51030278
Pt	0.46686760	-1.88040736	1.03048053
Pt	3.69810068	0.11626533	-0.47839248
Pt	-1.96434744	-1.65107174	0.27526208
Pt	0.48142469	3.30382656	-1.16900186
Pt	-0.03571540	0.41188723	2.01100200
Pt	1.46032405	1.29906754	-0.11039739
Pt	-1.21449827	1.91251930	-0.02519757
Pt	-3.23641253	0.48416767	-0.87397987
Pt	1.62627352	-1.20280614	-1.14106026

13

#5.212:quintet:UNK =	-2.07814030		
Pt	-0.68345052	2.92038814	-0.44678912
Pt	0.53557835	-1.90086634	-1.50094016
Pt	1.40961719	1.72146979	0.46841623
Pt	-0.10231498	0.56659117	-1.36607743
Pt	2.41466492	-1.67613514	0.48486990
Pt	-0.04118531	-1.35687002	0.91273110
Pt	-2.51144870	-1.09683288	0.54526748
Pt	2.44346217	0.05857421	-1.41912914
Pt	3.60267080	0.55999390	0.86841891
Pt	-1.96084063	-1.20603895	-1.99051772
Pt	-2.59929411	1.09362575	-0.85917540
Pt	-0.94639477	1.12711507	1.39005734
Pt	-1.56106441	-0.81101470	2.91286801

13

#5.356:quintet:UNK =	-2.07813564		
Pt	0.35222248	1.97731090	-0.04416497
Pt	1.59060250	-1.02709799	-1.07315866
Pt	-0.68742177	-2.04157944	1.57882769
Pt	1.17542316	-0.32482223	1.42034143
Pt	3.46218779	-1.19070132	0.63364385
Pt	-0.60010317	-2.23162024	-0.97206501
Pt	-2.20922096	2.33829370	-0.02901856
Pt	-3.05476272	-1.41074802	-1.00144794
Pt	2.79413579	1.19695576	-0.12840728
Pt	-2.16697135	-0.06356975	1.02016164
Pt	-0.52872906	1.38504030	2.26446280
Pt	1.03743096	1.10219685	-2.39266262
Pt	-1.16479365	0.29034150	-1.27651239

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#5.792:quintet:UNK =      -2.07808837
Pt      -0.79998530      2.63251581      -1.40888195
Pt       1.90174091     -0.88223260       2.46784964
Pt      -1.55733918     -2.13220287     -0.70642709
Pt       1.83736481     -1.11991464     -0.09915527
Pt      -0.40385075      2.85330699       1.17422005
Pt      -2.24326670      1.14247317       0.30922872
Pt      -0.56208429      0.06560807     -1.31070115
Pt       1.39629987      1.70372188     -0.37940448
Pt      -0.12294499      0.35055479       1.51605089
Pt      -0.00814523     -2.15703723       1.30473915
Pt      -3.54023076     -0.95283406       0.23579331
Pt       0.63738857     -2.03617122     -2.12457790
Pt       3.46505305      0.53221190     -0.97873392

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#5.686:triplet:UNK =      -2.07795522
Pt       1.75695770     -0.88013774       1.38307466
Pt      -3.26716585     -1.28098807     -0.96513348
Pt       1.05722625      0.91120790     -1.28883757
Pt      -1.96270475      1.46243989       0.76538259
Pt       3.04962329      1.18022716       0.37618907
Pt      -1.42795429      0.46853777     -1.49368796
Pt       0.58115860      1.46941741       1.15545223
Pt      -0.56784328      2.91319702     -0.85510016
Pt       3.95261395     -1.16093488     -0.06804705
Pt      -3.25823503     -0.59182128       1.43644121
Pt       1.62514070     -1.54329000     -1.10353570
Pt      -0.80942076     -1.95651708     -0.83433849
Pt      -0.72939652     -0.99133809       1.49214064

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#5.211:quintet:UNK =      -2.07752403
Pt      -1.13076256     -2.12372521     -1.14259271
Pt       1.29819247     -1.23741526     -1.24601929
Pt       1.37302337      1.65019205     -0.71005772
Pt       2.72883248     -1.30908467       1.00026008
Pt      -2.16768933     -1.56988424       1.23415843
Pt       0.68792850      0.19682615       1.33615687
Pt       3.40538843      0.19119484     -0.99575198
Pt      -1.73897523      0.95894856       0.93122394
Pt      -0.79997761      0.39903249     -1.48665875
Pt       0.10186118      2.65909956       1.65803650
Pt      -0.90221091      2.85658985     -0.76798188
Pt       0.30980668     -2.25657667       1.11798853
Pt      -3.16541748     -0.41519746     -0.92876202

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#5.510:quintet:UNK =      -2.07740673
Pt       2.11750551     -1.30132810       1.68212934
Pt      -3.09203480     -0.72946889     -1.26064221
Pt      -2.48653567     -1.82403765       1.09933942
Pt      -0.29586910     -0.50359028       1.46045555
Pt       1.14394237      0.25936952     -1.64781701
Pt       1.67883453      1.06393830       0.76224941

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Pt	-2.34744234	0.84409384	0.76497184
Pt	-0.42504232	2.26781776	1.66463563
Pt	1.76579175	-2.11983154	-0.71983442
Pt	3.49043218	-0.14452157	-0.62254195
Pt	-1.28383247	1.05586286	-1.56033553
Pt	0.42340760	2.75137750	-0.77573658
Pt	-0.68915724	-1.61968175	-0.84687352

13

#5.979:quintet:UNK = -2.07727751

Pt	3.98272191	-0.87009486	0.76570420
Pt	-2.62306596	0.20379187	1.56124918
Pt	-2.94115969	-0.51217018	-0.88530402
Pt	-0.77601698	0.67993745	-1.42800093
Pt	-0.86337359	3.18623783	-0.85912484
Pt	-1.63990024	-2.63947022	-1.30276550
Pt	-0.48889824	1.51398738	1.03789048
Pt	1.57647981	-0.25021480	1.02740892
Pt	-0.77066593	-1.47140349	0.81417097
Pt	-0.14499275	-0.17985446	2.93153020
Pt	1.36214896	1.96036521	-0.91150554
Pt	0.58257492	-1.47877816	-1.47449916
Pt	2.74414778	-0.14233356	-1.27675395

13

#5.500:triplet:UNK = -2.07727680

Pt	2.28172935	-1.84443697	-0.76176163
Pt	-0.23454318	-2.30988207	-0.50105398
Pt	1.89927440	0.60895123	-1.48364960
Pt	-2.28720714	-1.71909829	-1.86478549
Pt	0.81036538	1.07514825	0.90916808
Pt	-1.53504028	1.38621603	1.84402488
Pt	3.19930992	-0.01268881	0.86489590
Pt	-0.55027876	0.07242803	-1.11513247
Pt	1.01974312	2.96272457	-0.84283331
Pt	-1.41768049	-1.18222485	1.89979669
Pt	-1.44403545	2.38069855	-0.57514456
Pt	1.06461295	-1.37511926	1.59474991
Pt	-2.80624982	-0.04271640	0.03172558

13

#5.833:triplet:UNK = -2.07720513

Pt	0.29765631	0.94693701	1.73761179
Pt	-1.46723318	-1.18480473	-2.16325986
Pt	-1.15202756	-0.95644877	0.98627301
Pt	-1.24065809	2.74118441	0.85120509
Pt	0.49335373	-1.89002388	-0.78710373
Pt	-1.18570692	1.09226590	-1.09655259
Pt	1.20224379	-1.42681794	1.99511137
Pt	-3.21632120	-1.60544602	-0.39940985
Pt	-2.99836453	0.76289320	0.58465881
Pt	3.35961373	1.77541221	-1.24511014
Pt	2.12426148	-0.01989073	-0.07779457
Pt	1.01153470	2.22989842	-0.61140072
Pt	2.77164775	-2.46515908	0.22577139

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#5.911:triplet:UNK = -2.07719399
Pt 3.86265939 1.88420442 0.22609896
Pt 1.37896874 2.05372063 0.56101761
Pt -1.81614623 -1.51711343 1.08115021
Pt -1.16917832 2.10203142 0.32312360
Pt 0.94577406 -1.91091118 0.19039592
Pt -2.55552559 0.07789449 -0.78961991
Pt -1.15279775 -1.93563966 -1.46742579
Pt 0.17509600 -2.17090347 2.57347399
Pt -3.59984611 2.26703858 -0.29328790
Pt -0.05694442 0.21461392 1.65135597
Pt 2.60183902 -0.05203652 -0.56783226
Pt 0.04958510 0.45867406 -1.19054854
Pt 1.33651610 -1.47157326 -2.29790186
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#5.564:quintet:UNK = -2.07716333
Pt -2.15929005 0.57300535 0.06965255
Pt 0.02823518 0.56878249 1.55826232
Pt 2.27145074 0.07799351 -2.69221051
Pt 0.90398420 -1.81229265 1.65000810
Pt -0.96861286 -1.39740952 -1.34910083
Pt -3.44261263 -1.49386038 -0.70364587
Pt -1.21716137 2.65316651 -1.18461469
Pt 0.56519335 0.88708385 -0.95510568
Pt -1.34946181 2.66623470 1.35108593
Pt 1.51002322 -1.54727592 -0.82044072
Pt 2.45227594 0.23554390 2.23517579
Pt 2.98039112 0.44992202 -0.21873725
Pt -1.57441502 -1.86089386 1.05967086
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#5.543:quintet:UNK = -2.07711074
Pt 1.76315540 -1.43725795 0.74965457
Pt -0.07056342 2.26497567 -1.04797476
Pt -1.70409436 0.15907812 -0.99188697
Pt -2.70630102 -1.84536106 0.33943238
Pt -0.79135877 -0.46476732 1.40378577
Pt 3.46122348 -0.46101410 -0.88600200
Pt 1.34563728 0.84699839 1.98341241
Pt -0.84070193 2.06648379 1.38255601
Pt -0.80471549 -2.13272654 -1.61576981
Pt -0.30530860 -2.92578899 0.77780021
Pt -2.55898595 2.50961036 -0.48854725
Pt 2.27660887 1.70058104 -0.22868783
Pt 0.93540450 -0.28081142 -1.37777272
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#5.878:triplet:UNK = -2.07702959
Pt -2.43946829 0.27600235 -1.14791804
Pt 0.56142835 1.95494788 -0.76935044
Pt 2.42744095 -0.99255506 -1.31940402
Pt -1.87499871 -2.27008820 -1.15332353
Pt 1.73049884 0.14854641 0.98028713
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Pt	-1.84651803	2.70832926	-0.69129000
Pt	-1.12246157	0.93311174	1.04481349
Pt	-2.76367361	-1.09651867	1.12295263
Pt	2.07445248	-2.44304541	0.73570183
Pt	-0.03105990	-0.43677515	-1.48941048
Pt	0.57705188	1.39625425	2.77982475
Pt	-0.28072151	-1.61247327	0.89444309
Pt	2.98802912	1.43426388	-0.98732641

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#5.333:septet:UNK =	-2.07658962		
Pt	1.39288565	-0.02532960	-1.88341172
Pt	-1.13750416	-0.45865519	1.50620566
Pt	-2.78953048	-0.28629165	-0.38131413
Pt	1.22130586	-0.81012671	2.45603628
Pt	1.41824722	1.17155502	0.78920770
Pt	3.29713220	1.42054215	-0.98631780
Pt	-2.82929420	2.25270157	-0.25561966
Pt	-0.87850554	2.06305611	1.41518067
Pt	0.60963928	-1.76610365	0.09316872
Pt	-0.83535056	-1.30683263	-2.02841734
Pt	2.98720005	-0.83431801	0.23597849
Pt	-0.63714928	1.21741434	-1.08090595
Pt	-1.81907603	-2.63761175	0.12020908

13

#5.457:quintet:UNK =	-2.07635907		
Pt	-1.46451775	-2.49700059	-0.05849809
Pt	3.40710803	-1.34504648	-0.81869893
Pt	-1.46796520	2.18076611	0.92027251
Pt	1.02732881	-0.40763900	1.69141068
Pt	1.82194862	0.58946963	-1.29368771
Pt	3.27635078	0.59145923	0.87909917
Pt	1.08779250	-2.16985086	-0.10451105
Pt	-1.46975042	-0.32231824	1.36467048
Pt	-0.53456390	-0.42294795	-1.14657520
Pt	-3.67125131	-1.12279501	0.24176586
Pt	-2.70818396	0.83817239	-1.02278704
Pt	1.05250185	1.98748178	0.84098300
Pt	-0.35679805	2.10024899	-1.49344368

13

#5.431:quintet:UNK =	-2.07634598		
Pt	0.00055434	2.88939370	-0.01025434
Pt	0.58721601	-1.46149078	-1.18746445
Pt	-0.89609898	0.78977224	-1.43992054
Pt	-3.43412944	0.55976326	-0.85297527
Pt	-1.63141654	1.17864095	1.01321154
Pt	-0.58623975	-1.45054684	1.19219025
Pt	3.43345249	0.56764997	0.85024132
Pt	-1.93823571	-1.59856638	-1.10871944
Pt	-3.06008994	-0.92290548	1.31544139
Pt	1.63023297	1.16840201	-1.01974875
Pt	1.93776369	-1.58912836	1.11820901
Pt	3.06200682	-0.93245261	-1.30767687

Pt	0.89498404	0.80146831	1.43746616
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#5.855:quintet:UNK =	-2.07612145		
Pt	-0.50421810	3.01634193	-0.47134921
Pt	-0.98079857	-2.66453068	1.21682010
Pt	-1.49687091	-0.18734853	1.19034772
Pt	-0.46740815	-1.77481403	-1.19699102
Pt	-2.43056359	1.14552680	-0.82322174
Pt	1.94943112	1.75771507	-0.47436695
Pt	-0.09807592	0.68406894	-1.48995002
Pt	1.93503389	-0.85864915	-1.72969919
Pt	1.41276896	-1.96906223	0.70925809
Pt	0.97267865	0.37627058	1.43445745
Pt	-0.75931618	2.17078889	1.90104543
Pt	3.37633054	-0.31605788	0.40956629
Pt	-2.90899174	-1.38024971	-0.67591693

13

#5.200:quintet:UNK =	-2.07605995		
Pt	3.05926179	-0.97032485	0.80696054
Pt	-1.83739196	-2.00520959	1.31855529
Pt	1.50388817	1.05955439	1.03209838
Pt	-1.87043980	2.06793329	-0.73352423
Pt	0.73626889	2.39150070	-1.17483736
Pt	1.30211224	-2.05932625	-0.88379124
Pt	2.31600364	0.35210460	-1.42556255
Pt	0.60722525	-1.37997886	1.49167189
Pt	-2.78206192	-0.35731422	-0.64785317
Pt	-1.26696466	0.49368135	1.39675022
Pt	-1.20860251	-2.43155826	-1.17241856
Pt	-0.27553789	-0.00199032	-1.28437300
Pt	-0.28376125	2.84092801	1.27632380

13

#5.682:quintet:UNK =	-2.07572192		
Pt	-1.31999683	-0.60499327	-1.66415009
Pt	-1.71214449	-0.66663656	2.61753608
Pt	-3.11531918	-0.36093308	0.48689202
Pt	0.03912744	-2.76577844	-1.62786453
Pt	1.54126878	1.70681284	0.94004222
Pt	3.38145868	0.31027747	-0.83183646
Pt	-0.14754518	2.84128641	-0.77389535
Pt	3.02718389	-0.23801603	1.62057696
Pt	0.86318249	0.52473410	-1.21096358
Pt	-2.43371201	1.59770111	-1.13343426
Pt	-0.92301039	1.11371316	1.02432800
Pt	-0.83770286	-1.87030240	0.59123872
Pt	1.63720965	-1.58786529	-0.03846973

13

#5.482:septet:UNK =	-2.07564358		
Pt	2.26763901	1.23078971	0.17104491
Pt	-1.89957397	-1.25681698	0.88952889
Pt	0.20652816	-2.67560310	1.32906052
Pt	-0.46956683	-2.20312038	-1.18963888

Pt	-3.77828764	0.35305257	0.36537450
Pt	-1.57854373	1.60427276	0.03251360
Pt	1.94495868	-1.63492541	-0.30624073
Pt	4.06187328	-0.36845238	-0.35101863
Pt	0.36599657	2.38595702	1.60752523
Pt	0.34256350	-0.12747557	1.48822989
Pt	0.29731506	0.22889656	-1.37126666
Pt	0.48756811	2.74988466	-1.00908776
Pt	-2.24847020	-0.28645947	-1.65602487

13

#5.354:quintet:UNK =	-2.07547786		
Pt	0.89978968	-1.76120430	0.76130554
Pt	2.61321162	0.05166823	1.35160917
Pt	-0.12486149	-0.12726228	-0.93306566
Pt	-1.70577721	-1.81525222	-2.09476738
Pt	-1.43610490	-2.64328441	0.30138652
Pt	-1.29228934	2.15159935	-1.10769775
Pt	1.13566897	2.89300423	-0.75214828
Pt	-2.15472275	1.74336904	1.36179062
Pt	-1.16950021	-0.66449238	1.98521905
Pt	-2.57985935	-0.11258256	-0.37706300
Pt	0.38812684	1.30076897	1.16336786
Pt	2.27270289	0.65215470	-1.15252707
Pt	3.15361524	-1.66848635	-0.50740965

13

#5.697:quintet:UNK =	-2.07544952		
Pt	0.36740674	2.36930379	-1.82252051
Pt	3.59001812	-0.90756397	0.25979024
Pt	1.92876147	0.90085410	-0.43624176
Pt	-2.75091634	-1.08663626	-1.40424910
Pt	-0.37754310	0.01710079	-1.26786950
Pt	1.68290877	-1.61125413	-1.45353506
Pt	-0.62951633	-2.28902067	-0.32634354
Pt	-2.24212706	0.95148560	0.23655797
Pt	0.96934736	1.90303124	1.70374597
Pt	1.35542082	-1.64462615	1.18771172
Pt	-0.81795101	3.02037892	0.28766246
Pt	-2.57263037	-1.50262937	1.20367510
Pt	-0.50317905	-0.12042389	1.83161601

13

#5.847:triplet:UNK =	-2.07537827		
Pt	1.43594497	-0.71465932	-1.68842596
Pt	-1.83683017	0.58843126	1.03895284
Pt	-0.91762802	-1.72636473	-1.53777470
Pt	1.75414540	0.34778496	1.06714897
Pt	-0.20811901	-1.36350004	0.86087393
Pt	-0.48554457	0.88194245	-1.61812180
Pt	3.63999243	-0.06937348	-0.59734319
Pt	0.00181927	3.24111656	-1.20110928
Pt	-2.89175037	0.07654681	-1.24194878
Pt	2.21854212	-2.08664571	0.34438704
Pt	-2.74000670	-1.81500871	0.60338373

Pt	-0.06161187	0.38583074	2.90707415
Pt	0.09104651	2.25389921	1.06290306

13

#5.963:triplet:UNK = -2.07475358

Pt	-0.12033601	2.92167793	1.16170228
Pt	0.68030594	-1.84338787	0.98367266
Pt	3.31465109	-0.25695391	-0.92607905
Pt	-2.22547965	1.74436579	-0.00861108
Pt	1.61804704	1.29656385	0.16618663
Pt	-1.09183958	-2.43612194	-0.93218958
Pt	0.05186453	2.54109135	-1.43874620
Pt	-3.09262422	-0.63156179	-0.51299924
Pt	-1.87516334	-1.74949048	1.53425323
Pt	2.77600163	-0.59538673	1.52724630
Pt	-0.71896418	0.12037483	-1.38487168
Pt	1.23197847	-1.49064291	-1.53270777
Pt	-0.54844175	0.37947190	1.36314350

13

#5.917:septet:UNK = -2.07462571

Pt	-1.23895583	0.71406409	1.52532132
Pt	-2.22582296	0.25782422	-1.04871763
Pt	3.64498833	1.34422255	-0.67301518
Pt	-1.23959444	-1.80763583	0.47250933
Pt	-2.22867894	-2.14841568	-1.85396676
Pt	-3.37648637	1.84573250	0.60324781
Pt	2.52148510	-0.97304721	-1.09072103
Pt	-0.51714634	-1.34755590	2.85644294
Pt	3.54276471	-0.30396364	1.25062940
Pt	-1.03634115	2.40292498	-0.36266218
Pt	0.00825607	-0.91177969	-1.72500465
Pt	1.13017469	1.31974973	-0.97661216
Pt	1.01535712	-0.39212013	1.02254879

13

#5.429:quintet:UNK = -2.07457247

Pt	2.33473401	1.79888062	-0.44899531
Pt	-2.36492244	-2.64798874	-1.29316290
Pt	1.12340652	0.57605735	1.37662624
Pt	-0.24433592	-1.97174354	-0.22795120
Pt	0.95127403	-0.08575115	-1.47610354
Pt	0.05825304	2.74482472	0.40451546
Pt	3.47431296	-0.43801819	-1.22523992
Pt	-1.03515544	1.40646116	-1.42571272
Pt	0.24633281	-1.68696999	2.38133570
Pt	2.20236777	-1.56608689	0.66152445
Pt	-2.65072718	2.07945455	0.53109959
Pt	-1.36863860	0.08448963	1.42631383
Pt	-2.72690155	-0.29360954	-0.68424968

13

#5.230:triplet:UNK = -2.07448968

Pt	-1.08017006	0.71804095	-1.29618175
Pt	1.13669915	-1.80188119	0.17695194
Pt	-1.60858650	2.26955301	0.66631958

Pt	1.35737884	-0.02836431	-1.73704684
Pt	-1.30474099	-2.15301537	0.81278927
Pt	-0.13804828	0.28288561	1.24080960
Pt	-2.93254992	-0.88016341	-0.78427548
Pt	2.26020036	-0.42760024	2.07418393
Pt	0.28442121	2.91048711	-0.96314308
Pt	3.46497856	-0.65997992	-0.29281372
Pt	-0.62522250	-1.80639372	-1.80395740
Pt	1.90419393	1.45877913	0.30618328
Pt	-2.71855380	0.11765235	1.60018067

13

#5.884:quintet:UNK =	-2.07424525	
Pt	1.22702383	1.06138471
Pt	3.75588295	-0.80439776
Pt	1.31087469	-0.90848030
Pt	-0.08162066	1.37370383
Pt	2.51110671	1.37898217
Pt	-1.20261615	0.26971020
Pt	-0.72903328	2.77901965
Pt	0.33019531	-1.76911343
Pt	-1.20058477	-1.05155750
Pt	-3.74032925	-0.77081530
Pt	-2.51575293	1.36131890
Pt	2.56798550	-0.98881153
Pt	-2.23313195	-1.93094363

13

#5.751:quintet:UNK =	-2.07395682	
Pt	0.60365295	0.56239006
Pt	0.51443042	-0.04960911
Pt	0.03658004	2.92670513
Pt	2.35970690	-1.27042598
Pt	-1.77069370	-1.06326610
Pt	0.16793984	-2.57164673
Pt	0.52896540	-1.93644533
Pt	4.12972573	0.24795513
Pt	2.14363383	1.72200895
Pt	-3.63342068	0.07224000
Pt	-1.51443315	1.47847315
Pt	-1.89362083	1.18252192
Pt	-1.67246674	-1.30090109

13

#5.822:quintet:UNK =	-2.07387325	
Pt	-3.06885581	-0.96071643
Pt	0.10078361	1.28273815
Pt	0.32642474	-1.92836995
Pt	-2.21249200	0.18643078
Pt	-0.24144492	2.65199666
Pt	3.96705519	0.41923205
Pt	2.62805899	-1.38550148
Pt	1.67286418	1.00460363
Pt	-2.04399723	-2.34873685
Pt	1.93013291	-0.48687974

Pt	-1.98959844	2.68172034	0.85790147
Pt	-0.36979969	-1.22654697	2.13624249
Pt	-0.69913151	0.11002981	-1.52571265

13

#5.477:quintet:UNK =	-2.07380067		
Pt	0.97804262	0.07596881	-1.39816934
Pt	-2.97376449	-1.66578198	-0.38292681
Pt	3.34068035	-0.25913746	-0.55735329
Pt	-1.57648787	0.03940596	-1.68735578
Pt	2.94024449	1.19250564	1.46202890
Pt	0.68947095	1.80173474	0.54569397
Pt	-0.30874801	2.29489583	-1.88481440
Pt	-3.25930572	0.02318643	1.47832896
Pt	1.80641142	-2.34853656	-0.91248585
Pt	1.53608781	-0.96629367	1.44012117
Pt	-1.90653083	1.75049980	0.12412913
Pt	-0.51384672	-1.92359552	-0.00656071
Pt	-0.75225401	-0.01485199	1.77936405

13

#5.565:septet:UNK =	-2.07362458		
Pt	-1.85110046	-0.86337094	-1.85577988
Pt	0.79865672	0.46492072	1.42309704
Pt	0.16206344	2.92289585	0.51357415
Pt	0.01889071	-2.50699853	-0.77842651
Pt	0.48910215	0.02268600	-1.17604443
Pt	2.28634395	-1.39518649	0.09365001
Pt	-1.45990901	1.64545672	-1.00711825
Pt	2.22255244	1.69209509	-0.37920029
Pt	-3.63703906	0.25768157	-0.23159987
Pt	-1.68298463	1.05567637	1.47017077
Pt	0.38510635	-2.01586954	1.82365650
Pt	-1.84122798	-1.37373179	0.74017086
Pt	4.10954537	0.09374498	-0.63615010

13

#5.539:septet:UNK =	-2.07350759		
Pt	-0.48627653	-1.73838532	1.25980412
Pt	-2.69402906	1.55998345	-0.10374900
Pt	-0.55902294	0.41365565	-1.25807179
Pt	2.03395745	-1.57131873	1.08187682
Pt	-0.40366752	2.83733302	-0.33628747
Pt	1.66022904	-1.07436010	-1.37619586
Pt	1.86963474	0.86647201	1.58460432
Pt	-2.83938539	-0.65880982	1.37901902
Pt	-0.63162726	0.82463427	1.37563685
Pt	-0.62781205	-2.16722695	-1.25918681
Pt	-2.85923136	-0.88763434	-1.17633597
Pt	1.77581572	1.58977907	-0.83163921
Pt	3.76141515	0.00587777	-0.33947503

13

#5.502:quintet:UNK =	-2.07338177		
Pt	-0.43137955	0.50693003	-1.40180590
Pt	3.23434107	0.79450895	0.74493065

Pt	-3.65044519	-1.07685780	0.42680628
Pt	1.01781523	1.86604081	0.21802049
Pt	-1.88242935	-1.69414705	-1.37311350
Pt	-0.99480804	2.96977254	-0.86273204
Pt	-2.45178556	1.11813244	0.09377538
Pt	3.04890399	-1.71737102	-0.00818307
Pt	0.60426090	-1.76051950	-0.84447294
Pt	-1.19859033	-1.46717407	1.13838951
Pt	2.16769756	0.18773347	-1.65718668
Pt	-0.69142357	0.97713644	1.94237820
Pt	1.22784284	-0.70418522	1.58319363

13

#5.796:triplet:UNK =	-2.07333877		
Pt	-2.49150176	-0.95721431	-1.68136859
Pt	-1.01755626	2.97132026	-0.37818605
Pt	2.13474875	1.22697378	-1.63408225
Pt	2.31081763	-1.23732278	-1.08641053
Pt	3.03458648	0.37226957	0.91566268
Pt	-0.39775930	-1.32841907	1.11700576
Pt	-2.88304741	-1.51476269	0.77556828
Pt	0.92118839	1.66059907	0.66943288
Pt	1.98920015	-1.89313564	1.36879946
Pt	-0.80102135	0.90278563	2.35180236
Pt	-0.10024465	-1.80592804	-1.38319014
Pt	-0.37807085	0.69587023	-1.37419654
Pt	-2.32133982	0.90696399	0.33916269

13

#5.755:singlet:UNK =	-2.07309345		
Pt	1.82348253	-2.14214410	-1.13653275
Pt	-0.29946685	-0.80462075	-1.21429668
Pt	-0.91488074	2.74506936	-0.99337716
Pt	-3.53535811	-0.18307440	1.09846109
Pt	3.49117150	0.26585973	1.34847397
Pt	-1.28803519	1.21366979	1.10833811
Pt	3.21337340	-0.05829980	-1.11460763
Pt	1.12474314	1.29472461	-1.16093242
Pt	-1.13618417	-1.34325871	1.36372542
Pt	1.33013114	-1.16175008	1.19065500
Pt	-2.61804075	-1.87181183	-0.71916758
Pt	1.17632165	1.37057336	1.38737931
Pt	-2.36725755	0.67506282	-1.15811868

13

#5.891:quintet:UNK =	-2.07282573		
Pt	-3.50199889	-0.01213401	-0.66225400
Pt	-0.93408140	-0.02302726	-1.39350212
Pt	-1.79083699	-1.90014563	0.11558350
Pt	2.31248497	-1.06866066	-0.89108779
Pt	1.20549043	1.20550495	-0.73284481
Pt	-0.03602223	3.35403933	-0.62585120
Pt	3.70050498	0.93490652	-0.09371735
Pt	0.62154324	-2.02451603	0.88000651
Pt	-1.81514099	1.83755842	0.12263661

Pt	2.44366193	-0.35237625	1.73182759
Pt	0.21029109	-2.28113730	-1.74651316
Pt	-2.43652968	-0.05702161	1.79175364
Pt	0.02063354	0.38700954	1.50396260

13

#5.336:quintet:UNK =	-2.07273795		
Pt	3.24766858	-0.33390720	-1.31117847
Pt	-3.48474350	-0.10537676	-0.86539766
Pt	-2.05272392	1.25804044	0.95340866
Pt	1.43044669	1.39866342	-0.92063681
Pt	-0.52661614	2.96651717	-0.32354893
Pt	2.93384983	0.72368897	1.20240550
Pt	0.90820708	-1.34844756	-1.26695241
Pt	0.41683881	1.08610929	1.45138232
Pt	-1.56189221	-1.90625579	-1.05462047
Pt	-2.58038985	-1.19424264	1.39670963
Pt	-0.09405519	-1.42485399	1.19442677
Pt	2.38418713	-1.71112910	0.87164247
Pt	-1.02077731	0.59119376	-1.32764060

13

#5.760:quintet:UNK =	-2.07266290		
Pt	0.35830835	3.30953839	-0.83046648
Pt	0.22098618	-3.04576714	0.93436724
Pt	2.03064257	1.47840420	-0.38181226
Pt	0.08830983	1.81628396	1.31887662
Pt	-3.00168207	0.71591131	-0.44569481
Pt	-1.71193546	-0.76907092	-2.46037967
Pt	-2.14509362	0.71604876	2.05845111
Pt	1.83376688	-1.10775107	0.18579671
Pt	0.23796441	-2.18310855	-1.51333706
Pt	3.99830074	-0.01094509	-0.20650665
Pt	-0.52491453	0.92706668	-0.92696365
Pt	0.12782205	-0.62100938	2.07521213
Pt	-1.51247533	-1.22560116	0.19245676

13

#5.521:septet:UNK =	-2.07263341		
Pt	-1.76612072	-2.11356394	-0.88937538
Pt	1.11922337	1.33431208	-1.19490340
Pt	2.58540864	-1.98703525	0.65813872
Pt	0.64046456	-1.45086483	-1.06793801
Pt	-1.28460818	0.38398858	-1.48955708
Pt	-1.62724938	0.91262088	1.00657422
Pt	0.48282562	-0.64018306	1.40729302
Pt	2.60220445	0.68884461	0.96017076
Pt	-1.88075748	-1.56210984	1.62509426
Pt	-3.53339078	-0.23211685	-0.33842204
Pt	2.95708702	-0.40606992	-1.43827181
Pt	0.57584280	2.20865935	1.43223986
Pt	-0.87092990	2.86351820	-0.67104312

13

#5.851:triplet:UNK =	-2.07239468		
Pt	0.21804276	-3.04764622	-1.71800426

Pt	0.02845666	-0.69202084	2.07037604
Pt	-2.48201335	-0.61391544	1.73849235
Pt	3.71783281	-0.25458716	-0.41708405
Pt	0.69280331	1.62070369	1.02158164
Pt	-3.58640488	-0.72472825	-0.58531854
Pt	1.63435065	0.93264364	-1.22542422
Pt	-1.52225652	0.76355976	-0.17996633
Pt	-0.93497558	3.26577836	0.03417384
Pt	-0.41946963	2.03417407	-2.11074980
Pt	-1.20665907	-1.76400353	-0.17603924
Pt	2.45382052	-0.05827040	1.77604389
Pt	1.40647233	-1.46168767	-0.22808133

13

#5.987:quintet:UNK =	-2.07181706	
Pt	1.50934848	-1.07977131
Pt	-0.94873880	-0.49766381
Pt	-0.80640084	3.66890617
Pt	3.65758800	-1.14475542
Pt	-3.32402266	-0.65099856
Pt	1.53781622	0.06451076
Pt	-0.01121084	-3.03395350
Pt	0.54094120	1.55651320
Pt	-0.14816120	1.99320166
Pt	-1.81396144	-2.72851529
Pt	-2.11291678	1.52210677
Pt	-1.04152796	-0.68643422
Pt	2.96124663	1.01685354

13

#5.601:quintet:UNK =	-2.07177822	
Pt	0.31155192	-2.08252465
Pt	-1.33081619	1.95781871
Pt	-2.80647735	-1.90933719
Pt	-1.98886312	0.32406917
Pt	0.39308361	1.05241812
Pt	-3.58597079	0.80025198
Pt	4.27070455	-0.80211176
Pt	-0.25262582	-1.46982458
Pt	0.75308317	0.41957266
Pt	-1.71659236	-0.61160897
Pt	2.11940207	-1.53883782
Pt	1.09416520	2.81309566
Pt	2.73935511	1.04701866

13

#5.985:quintet:UNK =	-2.07157467	
Pt	0.18101296	1.39828296
Pt	-0.13338224	-1.21551943
Pt	-2.51238872	-0.36646520
Pt	-2.19667609	2.12119386
Pt	2.20780390	-0.13040018
Pt	1.96734948	-2.09758077
Pt	0.33620978	-0.47579472
Pt	-1.97409059	-1.44289086

Pt	-1.63632468	1.11433152	-1.34693043
Pt	-0.02117621	2.96308668	-0.71378650
Pt	1.95000029	1.34027577	-0.69802236
Pt	-1.99565224	-2.85119427	0.48200485
Pt	3.82731436	-0.35732536	-0.45234654

13

#5.742:triplet:UNK = -2.07122784

Pt	-0.57024472	-1.57965164	-0.75893780
Pt	3.24936643	0.40633996	-1.06993574
Pt	3.24952633	-0.04839842	1.52734608
Pt	-2.73472131	0.12772459	-0.46993114
Pt	1.93956650	-1.75526903	-0.25162851
Pt	-2.90442088	-2.39812736	-0.18425711
Pt	0.74514827	-0.47139201	1.71330304
Pt	-2.45370652	2.65236411	-0.32255841
Pt	-1.66866514	-1.02243272	1.62068444
Pt	1.07901787	-0.31560731	-2.29591702
Pt	1.48050694	1.54552979	0.34868836
Pt	-0.49928171	1.30320462	-1.26849402
Pt	-0.91209207	1.55571543	1.41163785

13

#5.748:singlet:UNK = -2.07106997

Pt	2.37473284	-0.46289465	-1.24215024
Pt	0.46812686	-1.40468140	0.21171841
Pt	-1.71138352	-1.94606994	1.37771882
Pt	0.60571741	-1.94221621	-2.33053382
Pt	3.08470315	1.36467524	0.45121500
Pt	-2.45246710	1.22305170	0.04988208
Pt	0.80172725	1.55723944	-0.83338037
Pt	-1.00704086	-0.17288349	-1.47679629
Pt	-3.19627587	-1.17482414	-0.51613834
Pt	-1.14916990	3.06417745	-0.92383603
Pt	2.79879004	-1.15352734	1.31656318
Pt	-1.50724179	0.40370649	2.23142029
Pt	0.88978149	0.64424685	1.68431731

13

#5.965:quintet:UNK = -2.07085033

Pt	2.09574142	-1.90753985	0.26044499
Pt	2.30976217	0.83551351	-0.71034715
Pt	1.36700898	2.31732700	1.11510130
Pt	-1.29367191	2.67477641	0.88400912
Pt	-1.89704147	-1.47432103	-1.94198782
Pt	3.90531116	-0.97162568	-1.15410099
Pt	0.23850027	2.29498002	-1.24423529
Pt	-1.88983922	0.88620265	-0.84922879
Pt	0.52595990	-1.92833679	2.20125719
Pt	0.22805236	-0.65015929	-0.77543294
Pt	-3.71472070	-0.83361996	-0.29029871
Pt	-0.27624536	0.42615167	1.64417865
Pt	-1.59881759	-1.66934866	0.86064044

13

#5.610:triplet:UNK = -2.07059807

Pt	0.16649394	1.57307180	1.93559734
Pt	1.03436836	-0.72826017	1.32079729
Pt	-1.54331650	-2.28111235	-0.56084902
Pt	-1.24405490	-1.60420208	1.86332563
Pt	0.78652629	-1.44821800	-1.11159565
Pt	2.49009051	0.33291180	-1.76426345
Pt	-1.21041896	0.21691354	-1.43312046
Pt	-1.65129362	2.67685384	-0.66697731
Pt	0.71244767	1.75836096	-0.62776570
Pt	-3.52037093	-0.60841788	-0.68047015
Pt	2.80494809	1.00293047	0.75544100
Pt	3.14724764	-1.56193650	0.00810578
Pt	-1.97266759	0.67110457	0.96177469

13

#5.706:septet:UNK =	-2.07059006	
Pt	2.23357839	-1.49760309
Pt	2.29739641	0.92597360
Pt	0.69086669	2.40659735
Pt	-0.55704019	-2.28904056
Pt	-2.18096127	-1.13010433
Pt	-3.76724266	0.74803322
Pt	0.13279636	-0.07475184
Pt	-2.32926082	-0.55778155
Pt	-0.08232249	-2.56618988
Pt	0.54070791	2.57152484
Pt	0.16809153	0.09524654
Pt	4.36315008	-0.37600374
Pt	-1.50975994	1.74409944

13

#5.670:quintet:UNK =	-2.07058661	
Pt	1.57853743	-0.15244508
Pt	-0.93640330	-2.12379250
Pt	-0.19234756	1.74554899
Pt	-3.19442257	-1.37745973
Pt	-0.75355036	2.85305702
Pt	3.65201504	-1.29782550
Pt	1.48923678	1.60711743
Pt	3.40581507	0.25646431
Pt	-0.82490433	-0.81565006
Pt	1.47786398	-1.41631910
Pt	-0.49384122	0.31768618
Pt	-2.33498137	1.01668171
Pt	-2.87301759	-0.61306366

13

#5.920:singlet:UNK =	-2.07010152	
Pt	-2.87155279	0.30082193
Pt	-2.64726213	2.51898995
Pt	2.71805583	-1.02944282
Pt	-1.37178086	0.57273692
Pt	3.55277455	1.11428667
Pt	1.68021132	1.29465574
Pt	-2.03577254	-1.90343574

Pt	-0.67312068	1.55815663	0.82867851
Pt	2.56774345	-1.11081818	-1.52021504
Pt	1.09723400	0.96947836	-1.01522856
Pt	0.09524110	-1.52599902	-1.28968699
Pt	-2.34710568	-1.83510328	-0.90349329
Pt	0.23533442	-0.92432715	1.32909812

13

#5.940:triplet:UNK =	-2.06954269		
Pt	-0.54416189	-1.54130898	1.53308499
Pt	-2.93911079	-0.84669623	1.02742028
Pt	1.35450732	0.31470391	1.26363984
Pt	0.25732711	1.47706763	-0.84723123
Pt	3.67096516	-0.54421398	0.34175392
Pt	2.76506159	1.78935216	-0.37836765
Pt	1.66321517	-2.21125575	0.34440701
Pt	-0.39584504	-1.51902169	-1.05099939
Pt	-2.24714458	0.90030426	-0.88288899
Pt	-1.10431302	0.99273223	1.60032842
Pt	-1.45216325	3.07130931	0.16009907
Pt	-2.85470349	-1.49782984	-1.46573130
Pt	1.82636571	-0.38514302	-1.64551496

13

#5.242:triplet:UNK =	-2.06939655		
Pt	-0.82694821	2.74875524	-0.92609014
Pt	-1.69197468	0.47178664	-1.70495484
Pt	1.25580145	1.54720463	-0.15623616
Pt	0.45520428	-0.76951529	-1.21972159
Pt	3.17495331	0.17130250	0.86027378
Pt	-1.61262863	-1.38922592	1.57656134
Pt	2.42456999	-2.07848432	-0.20286644
Pt	-3.65065984	-0.48708759	-0.05055811
Pt	2.76799462	0.20616706	-1.74976789
Pt	-1.71737905	-2.03679649	-0.90319004
Pt	0.26565296	1.49366796	2.19990965
Pt	-1.71417087	1.01248470	0.79445919
Pt	0.86958466	-0.89025909	1.48218126

13

#5.934:quintet:UNK =	-2.06938850		
Pt	2.05524766	-1.30292172	1.50262604
Pt	-1.88786288	-1.51983486	1.70458376
Pt	-2.26911146	1.13969884	0.45832604
Pt	0.01731530	0.20867752	1.13132605
Pt	-0.76918472	1.01619278	-1.61686963
Pt	3.89931161	-0.02726429	0.23288479
Pt	-0.51729979	2.68480841	1.44174064
Pt	2.29611879	-1.66614731	-1.04022857
Pt	-3.41283892	-0.98331841	-0.24084534
Pt	0.54074241	3.03478726	-0.79959475
Pt	-1.59686043	-1.33424866	-1.93457473
Pt	-0.03020059	-2.02953317	-0.03489639
Pt	1.67462302	0.77910358	-0.80447790

13

#5.974:triplet:UNK =	-2.06932424	
Pt	-0.87122202	3.06963175
Pt	1.69475584	1.02963202
Pt	0.63941091	-1.15596255
Pt	-0.27836920	0.60234174
Pt	-2.64130924	1.35228126
Pt	-1.19593257	-2.97035969
Pt	-2.28732326	-1.17414853
Pt	-0.43008908	1.90929325
Pt	4.15040652	0.75803641
Pt	-1.79186174	-0.51181061
Pt	0.37442385	-1.85941987
Pt	-0.08419822	0.18530390
Pt	2.72130822	-1.23481908

13

#5.905:triplet:UNK =	-2.06926976	
Pt	-0.32039687	-0.32575113
Pt	1.38012214	-0.31608092
Pt	-1.80759587	-0.10047489
Pt	2.77482659	-0.40718338
Pt	0.63047242	3.18445418
Pt	-1.48137122	2.39884451
Pt	0.69694547	1.00506669
Pt	-0.85826925	1.41846997
Pt	3.82983959	-0.63396972
Pt	-2.81142881	-0.22226000
Pt	-1.76501338	-2.60510863
Pt	0.58089359	-1.63315862
Pt	-0.84902442	-1.76284803

13

#5.654:quintet:UNK =	-2.06922120	
Pt	-2.12856094	2.41805943
Pt	3.73280044	-0.58079783
Pt	-1.72566905	-2.44124419
Pt	-0.10661467	2.23351867
Pt	-2.10740280	-1.87951084
Pt	1.95115741	-1.44713830
Pt	1.91498597	1.05332773
Pt	-0.87430331	0.38934638
Pt	-2.66976210	-0.02727676
Pt	1.69113806	-0.11420661
Pt	0.28011617	-1.85583249
Pt	0.42342219	2.51652100
Pt	-0.38130738	-0.26476619

13

#5.927:quintet:UNK =	-2.06918951	
Pt	1.48287966	-1.76273404
Pt	-0.18320137	-1.99827998
Pt	-3.55670675	0.53700659
Pt	-1.12335416	-0.32691217
Pt	0.24946478	2.79268258
Pt	-2.68558144	0.12695946

Pt	1.35734477	-0.63344147	1.47205011
Pt	3.59699489	0.59057544	1.69460349
Pt	1.97542905	1.36690086	-0.14756340
Pt	3.16114846	-0.85542577	-0.37524085
Pt	-2.70267412	-1.77655158	0.22622276
Pt	-1.50450774	1.73716986	0.22945130
Pt	-0.06723604	0.20205022	-1.31192187

13

#5.869:septet:UNK =	-2.06872549		
Pt	1.27722724	-0.04604818	-1.42933544
Pt	3.50859973	-0.07277500	0.07096701
Pt	-2.60857389	-2.16167213	-1.07566737
Pt	-1.27606059	-0.04490616	-1.43000070
Pt	-2.22668332	2.09750992	0.20539250
Pt	0.00017775	1.14257269	0.97168378
Pt	0.00065061	2.24005507	-1.35305851
Pt	-1.30121033	-1.29464363	0.94352045
Pt	2.22746679	2.09776189	0.20477427
Pt	2.60835540	-2.16362852	-1.07207051
Pt	-0.00244973	-0.42719299	2.94674189
Pt	1.30066593	-1.29424647	0.94556380
Pt	-3.50816559	-0.07278649	0.07148884

13

#5.983:triplet:UNK =	-2.06872024		
Pt	1.49031383	-0.63886215	1.24701412
Pt	-0.96359172	-1.32481916	1.44158372
Pt	-1.24073665	-1.66374829	-1.07226044
Pt	1.41739511	1.85171893	-0.23271355
Pt	1.20718626	-1.23142303	-1.26347189
Pt	-1.39053217	1.09774875	0.85937076
Pt	-3.05634918	0.21784871	-0.86033550
Pt	0.66227207	1.52856201	2.22722008
Pt	-0.54358706	0.79007925	-1.56460383
Pt	-0.74313015	3.16827734	-0.55874758
Pt	3.20107974	-2.13546160	0.06303533
Pt	3.25620241	0.27482844	-0.80344907
Pt	-3.29652247	-1.93474921	0.51735783

13

#5.832:triplet:UNK =	-2.06849549		
Pt	-1.85973268	1.14292245	-0.40505258
Pt	0.55023210	-2.26111748	0.30755013
Pt	-0.80029065	-1.10877802	-1.69751967
Pt	1.72523970	-0.93726492	-1.75945660
Pt	1.43893597	-1.50743581	2.58024174
Pt	-0.35115648	-0.11677698	1.34052189
Pt	2.46227806	-0.17495112	0.70679986
Pt	-1.38013926	2.06087837	2.03670545
Pt	-2.00012445	-2.02787901	0.39720792
Pt	-0.43043685	3.25738943	0.02732774
Pt	3.24945661	1.10748308	-1.33881064
Pt	-3.34794119	-0.69148759	-1.31302152
Pt	0.74367914	1.25701760	-0.88249370

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#5.531:quintet:UNK =      -2.06813998
Pt      3.64819761      0.24058034      0.09773833
Pt     -0.39421964     -0.03381231     -1.30843703
Pt      1.88845858      1.17818705     -1.59693389
Pt     -1.11638218      1.53312244      1.64464951
Pt     -2.90058553     -0.47543613      1.25408980
Pt     -2.57466804      1.39311690     -0.53841942
Pt     -0.46931452     -1.03395575      1.29688497
Pt      1.86164753     -1.41835986     -0.83855533
Pt      2.02252769     -1.19942514      1.71485496
Pt     -0.20594969      2.47887806     -0.74230157
Pt      1.31616748      1.15516393      0.99767085
Pt     -2.66361124     -1.24393594     -1.17680089
Pt     -0.41226805     -2.57412360     -0.80444028
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13

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#5.800:quintet:UNK =      -2.06801695
Pt     -2.64610818     -2.63792587     -0.17971172
Pt     -2.61748782      2.32819607     -0.55519060
Pt      2.22768811     -0.28059554     -1.52668968
Pt     -0.04770856      2.20071468     -0.67087908
Pt      2.33831946      1.69196575      0.09444254
Pt     -1.45565570      1.71511171      1.64054003
Pt     -0.11181285     -2.36803098     -0.17397353
Pt     -0.27226641     -0.18898158     -1.43039636
Pt     -1.67275353     -0.83346905      1.40546076
Pt      4.17511241     -0.11852568      0.22864608
Pt     -2.70991758     -0.17078204     -0.83974770
Pt      0.64330420      0.27835485      1.32498765
Pt      2.14928647     -1.61603232      0.68251160
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13

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#5.703:triplet:UNK =      -2.06772280
Pt      3.03657091      1.06927995     -0.41355988
Pt      0.00038402      2.03669320      1.26839216
Pt      2.60475479     -1.78172982     -0.19776211
Pt     -1.19761403     -1.26168072     -2.23194409
Pt      0.10143667     -2.37473939     -0.07690389
Pt     -1.39755884      1.13069712     -1.33198074
Pt     -1.61206984      0.02832230      0.99149371
Pt     -2.45620857      2.43641760      0.60867473
Pt     -2.42577427     -2.11594876     -0.14896009
Pt      1.60792960      0.05101695      1.43685971
Pt     -0.12859931     -1.55023891      2.29136673
Pt      0.98787939      2.47403813     -1.01121174
Pt      0.87886950     -0.14212767     -1.18446452
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13

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#5.812:quintet:UNK =      -2.06680469
Pt      1.95612301      1.53126063     -0.63244841
Pt     -1.19257587      1.30982632      2.13405084
Pt     -1.20669470     -1.28485368      2.14201530
Pt      1.93646766     -1.55465533     -0.62783592
Pt      3.39205161     -0.02270767     -1.88092532
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Pt	1.00288595	-2.64716834	1.48887550
Pt	0.80773954	-0.00182664	1.06518739
Pt	-2.09102624	0.01148414	0.06386413
Pt	-0.52738500	2.09477853	-0.49352716
Pt	1.03215728	2.64440152	1.47750026
Pt	-2.26757649	1.29852716	-2.13109739
Pt	-0.55336939	-2.09170499	-0.48326167
Pt	-2.28879736	-1.28736167	-2.12239756

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#5.814:quintet:UNK =	-2.06658070		
Pt	1.85539111	-0.93994768	-1.72537255
Pt	-1.34564720	-2.58991053	-0.92566018
Pt	-1.49884221	1.05799042	2.51838532
Pt	-3.02574663	0.14388066	-1.28268289
Pt	-2.22766737	1.95698803	0.28059719
Pt	0.09747019	1.92014071	-0.55496803
Pt	2.30641877	2.95418032	-0.91940179
Pt	2.38996712	0.70479151	0.11781962
Pt	0.95884595	-2.39162782	0.12657546
Pt	-0.55957577	-0.25609284	-1.64739689
Pt	-2.00009679	-0.89055923	0.84326218
Pt	2.71100842	-1.31158549	1.65989288
Pt	0.33847442	-0.35824806	1.50894967

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#5.423:quintet:UNK =	-2.06633182		
Pt	-0.94977429	0.04560906	-1.23114156
Pt	-2.69821944	1.77847493	-0.33549026
Pt	-3.13923248	-0.81269848	0.07540764
Pt	3.35165223	-0.83614641	-0.66189224
Pt	1.60362744	-1.00900521	1.44817270
Pt	0.99011207	-1.72749957	-0.98257283
Pt	1.59826799	0.94293107	-1.35981511
Pt	-0.86868424	-1.60362505	1.38675608
Pt	3.08601921	1.15212355	1.02368809
Pt	-1.39973434	-2.49345045	-1.03184124
Pt	-1.74371554	0.71615520	1.79508122
Pt	-0.37201053	2.58201110	-1.09913469
Pt	0.54169191	1.26512027	0.97278220

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#5.875:quintet:UNK =	-2.06631766		
Pt	-1.98090227	-1.20497665	1.51899176
Pt	3.34979647	2.09120793	0.11814588
Pt	-2.93832609	0.89816999	0.10843061
Pt	2.66217287	-0.26386368	0.18681815
Pt	0.66135919	-0.91153262	1.65357954
Pt	-0.42074489	-2.10749705	-0.40959090
Pt	-1.43474475	2.86393422	-0.56832032
Pt	-0.69759424	0.40369248	-1.23516179
Pt	-2.72885270	-1.36130726	-1.09575197
Pt	0.92506662	2.12736707	-0.13543777
Pt	1.97285834	-2.73453433	0.19703534
Pt	1.38324177	-0.97421498	-1.88024049

Pt	-0.75333031	1.17355489	1.54150197
13			
#5.938:singlet:UNK =	-2.06569601		
Pt	-2.28445381	-1.95683698	-0.30425563
Pt	1.63394581	0.04436551	-1.25983313
Pt	2.09105815	0.31605145	1.24330162
Pt	-1.59073945	1.40309100	0.16278992
Pt	-0.33065633	-0.18716899	1.81580492
Pt	2.69219658	-1.95138512	0.09035910
Pt	0.29046146	2.18354975	-1.41275642
Pt	-3.47552438	0.24311519	-1.11330179
Pt	4.08559220	0.10580673	-0.43371880
Pt	-0.88811499	-0.22777979	-1.69421471
Pt	0.52565647	2.33420118	1.29275812
Pt	-2.93593490	-0.32004926	1.53478806
Pt	0.18651319	-1.98696067	0.07827876
13			
#5.922:quintet:UNK =	-2.06553705		
Pt	-1.28486459	-2.27869994	-0.71287721
Pt	2.99309410	1.22134809	1.04775736
Pt	3.58307416	-1.03862933	-0.08705174
Pt	1.35100218	-0.81632875	1.50076042
Pt	0.52257891	1.45654323	0.51037143
Pt	2.01437421	0.56788898	-1.45208267
Pt	1.21555085	-1.85175460	-0.84123547
Pt	-1.66460027	1.47626287	1.73422975
Pt	-2.67417165	0.93228379	-0.53794005
Pt	-0.56329148	0.03298771	-1.53170831
Pt	-0.83852733	2.59134989	-1.34544546
Pt	-1.16929726	-0.97732184	1.44581593
Pt	-3.48492184	-1.31593010	0.26940603
13			
#5.989:triplet:UNK =	-2.06538360		
Pt	-2.01557762	-1.55245614	1.31827192
Pt	2.86321743	-0.48414629	1.74084720
Pt	-0.12042652	-1.20808920	-1.28142784
Pt	2.33898029	-1.37889844	-0.68105194
Pt	-2.57617625	2.60333674	0.29751507
Pt	-0.76074456	1.34526587	-1.08964149
Pt	0.42193353	-1.15301740	1.47360197
Pt	1.24219334	1.24071336	0.64199584
Pt	1.49807737	0.72248961	-2.03565108
Pt	3.59335500	0.91497706	-0.42223313
Pt	-2.41109362	-2.20627511	-1.10454384
Pt	-2.94970703	0.20706124	-0.44762064
Pt	-1.12403136	0.94903869	1.58993797
13			
#5.599:septet:UNK =	-2.06536146		
Pt	2.54107098	-0.17380310	1.53161598
Pt	-2.21331733	0.87235230	-0.94995317
Pt	3.52219883	-1.60950481	-0.38440540
Pt	-0.60810067	2.86360801	-0.83405727

Pt	-2.38944522	-1.00978228	1.55366155
Pt	-1.21321176	1.29474697	1.36897331
Pt	2.93609792	0.83257514	-0.87457530
Pt	-3.94937894	-0.91030259	-0.45245938
Pt	1.03157884	-1.95599821	-0.92200917
Pt	0.17407164	-0.93958628	1.28153038
Pt	1.23082122	1.93056606	0.79667209
Pt	0.41933046	0.49225910	-1.25189795
Pt	-1.48171597	-1.68713032	-0.86309567

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#5.643:quintet:UNK =	-2.06530460		
Pt	-3.52611715	0.06310645	0.32607664
Pt	-1.71396580	-1.46210134	1.87271033
Pt	1.81976418	-1.45355672	-0.58888367
Pt	0.71756068	-0.98717231	1.69411938
Pt	-2.08186440	1.17313203	-1.47785945
Pt	3.12705161	-0.22863725	1.34068210
Pt	0.47793058	0.64238241	-1.32598107
Pt	3.04070985	0.81644966	-1.08847628
Pt	1.32257736	1.57773666	0.94692702
Pt	0.08709685	-2.68366283	-1.81881334
Pt	-1.58148484	-1.30648844	-0.68894628
Pt	-0.45099201	2.90165656	-0.37157927
Pt	-1.23826689	0.94715511	1.18002388

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#5.854:quintet:UNK =	-2.06473801		
Pt	2.43818775	-1.26960316	-1.27867361
Pt	-2.06901264	-2.17707980	-1.26694118
Pt	-0.02269304	-0.70728426	-1.32830604
Pt	-0.01741876	-0.71273286	1.32929137
Pt	2.44363576	-1.27677106	1.26349220
Pt	-0.33070466	1.92420905	0.01221910
Pt	-2.40448995	0.33848901	-1.23423880
Pt	-2.39634042	0.34742427	1.23547427
Pt	1.66833630	1.21839854	1.38638611
Pt	-2.07020242	-2.17101146	1.27357294
Pt	3.84636818	0.65935992	-0.00581624
Pt	1.65924693	1.22743611	-1.37619363
Pt	-2.74491305	2.59916570	-0.01026650

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#5.660:quintet:UNK =	-2.06291047		
Pt	-3.45098981	-0.69866850	0.87113483
Pt	3.35925245	-0.35490801	1.11828980
Pt	-2.42619433	1.10105525	-0.85423980
Pt	0.39663757	2.39502889	1.08601753
Pt	0.88290306	-0.22566051	1.74757226
Pt	-0.25656252	2.37294657	-1.45358433
Pt	1.84726491	1.04098177	-0.55236248
Pt	-0.97531549	-1.86696467	0.70068199
Pt	3.44559216	-0.75333350	-1.40574144
Pt	-2.53630467	-1.56667989	-1.39337662
Pt	1.46882242	-1.91102019	-0.19770589

Pt	-1.46077404	0.74301969	1.51545422
Pt	-0.29433170	-0.27579690	-1.18214007
13			
#5.995:quintet:UNK =	-2.05846242		
Pt	0.72496135	0.53433393	-1.15386876
Pt	-0.66857179	-1.66510104	2.75049887
Pt	-1.23862737	-1.17238056	-1.60566618
Pt	-1.59577419	1.45075111	-0.31268616
Pt	-2.14266443	-0.77508407	0.98135859
Pt	1.21905201	-1.85568218	-1.90117596
Pt	0.48976868	2.84394739	-0.14511312
Pt	4.66622999	0.40094505	0.82159854
Pt	0.39367873	-1.54000126	0.55018560
Pt	-3.78754476	1.22568790	1.01295157
Pt	-3.49805307	-0.11977299	-1.16183367
Pt	2.83402595	-0.95825663	-0.10934374
Pt	2.60351891	1.63061336	0.27309442
13			
#5.870:quintet:UNK =	-2.05766051		
Pt	-3.27675868	-0.66114371	-0.61781414
Pt	1.09973684	-0.31942404	1.73223147
Pt	-1.39795795	-2.10960231	-1.59335147
Pt	3.05538543	-1.63969408	0.61093818
Pt	-3.15909886	0.16853102	1.77652891
Pt	-1.13328877	0.48491624	-1.43319697
Pt	1.11070018	1.68956763	-0.59223322
Pt	0.82534879	-1.35729246	-0.67846674
Pt	-1.02803337	2.98764022	-0.79793103
Pt	-0.92923405	1.17472921	1.05507815
Pt	3.13854678	0.99933489	0.92292438
Pt	2.86915821	-0.01661163	-1.48531530
Pt	-1.17450456	-1.40095098	1.10060779
13			
#5.517:quintet:UNK =	-2.05748868		
Pt	0.92106356	-0.42244806	-1.42893425
Pt	3.45301195	-0.77671008	-1.14016073
Pt	-3.12965732	-1.80054230	-0.64021214
Pt	-1.29513107	0.24996683	1.47348054
Pt	-1.57271607	0.03531342	-1.48850817
Pt	2.40663399	1.62165402	-0.63407943
Pt	-3.79102055	-0.00472575	0.96575302
Pt	3.65355362	0.07593232	1.29517159
Pt	-0.71140908	-1.88959258	0.18842670
Pt	-2.66799565	1.95609824	-0.19000845
Pt	1.73634708	-1.72960203	0.70516130
Pt	1.13614767	0.68056644	1.41088376
Pt	-0.13882814	2.00408953	-0.51697375
13			
#5.860:quintet:UNK =	-2.05583984		
Pt	-1.92070773	-0.68982566	1.32598608
Pt	-1.38178880	2.08089223	-0.81760019
Pt	-3.38140836	0.53510394	-0.44861035

Pt	1.03626150	-1.56903254	-1.86937562
Pt	2.92287366	-0.68602400	-0.39597669
Pt	1.01276681	0.88686895	-1.07882578
Pt	-0.31625650	1.29846144	1.33908969
Pt	-1.28913927	-0.67167072	-1.35331186
Pt	5.17398639	-0.52968478	0.16559401
Pt	0.78441104	3.19723681	-0.07674475
Pt	-0.02597141	-0.62613937	3.02996289
Pt	-3.27847636	-2.02800777	-0.48935463
Pt	0.66344904	-1.19817854	0.66916718

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#5.968:septet:UNK =	-2.05523460	
Pt	1.66723981	-1.43914032
Pt	1.74688055	1.19829295
Pt	2.97342100	-0.32703351
Pt	3.82764578	-0.05105505
Pt	-1.93210803	2.81886246
Pt	0.54096494	3.27109259
Pt	-3.49892453	-1.79723365
Pt	-2.04525905	-0.48253055
Pt	-2.55688143	0.44434939
Pt	-0.67054921	1.57514601
Pt	0.46994795	-0.52402509
Pt	0.41757898	-3.01371885
Pt	-0.93995676	-1.67300636

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#5.721:septet:UNK =	-2.05406983	
Pt	1.77233375	1.88292027
Pt	-0.46766893	2.81811371
Pt	-1.84540012	2.31050295
Pt	-1.89732729	-2.10675274
Pt	0.51167445	-2.81188670
Pt	3.73974868	0.75018158
Pt	0.18868679	-1.28106203
Pt	0.93850713	-0.19604642
Pt	-0.66799262	1.12047789
Pt	2.43434438	-1.33931083
Pt	-1.51241068	0.42806837
Pt	-2.02726758	-0.14415601
Pt	-1.16722795	-1.43105003

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#5.849:septet:UNK =	-2.05110338	
Pt	1.34365485	-1.70451040
Pt	-1.10237662	-1.87048843
Pt	0.14914216	0.03185841
Pt	-1.08410072	1.79167180
Pt	-3.52593983	1.24812939
Pt	-2.40390999	0.00062731
Pt	1.36027342	2.14684269
Pt	2.70348743	0.04943587
Pt	3.87452665	-1.41029844
Pt	0.76959252	0.38518526

Pt	-1.65572996	-0.23326216	-1.62433469
Pt	-3.63934348	-1.41504455	-0.26757570
Pt	3.21072357	0.97985325	-1.01198116