

Ligand	Binding Affinity	rmsd/ub	rmsd/lb
Minimize6jqr_91809632_uff_E=2175.36	-10.9	0	0
Minimize6jqr_91809632_uff_E=2175.36	-10.9	0	0
Minimize6jqr_73330_uff_E=771.59	-10.6	0	0
Minimize6jqr_6419725_uff_E=609.04	-10.5	0	0
Minimize6jqr_6419725_uff_E=609.04	-10.5	0	0
Minimize6jqr_114777_uff_E=938.39	-10.4	0	0
Minimize6jqr_265237_uff_E=2170.87	-10.4	0	0
Minimize6jqr_265237_uff_E=2170.87	-10.4	0	0
Minimize6jqr_11294368_uff_E=2222.93	-10.3	0	0
Minimize6jqr_11294368_uff_E=2222.93	-10.3	0	0
Minimize6jqr_161671_uff_E=2210.08	-10.3	0	0
Minimize6jqr_161671_uff_E=2210.08	-10.3	0	0
Minimize6jqr_301751_uff_E=2375.14	-10.3	0	0
Minimize6jqr_301751_uff_E=2375.14	-10.3	0	0
Minimize6jqr_5487343_uff_E=632.87	-10.3	0	0
Minimize6jqr_118701104_uff_E=2208.73	-10.2	0	0
Minimize6jqr_118701104_uff_E=2208.73	-10.2	0	0
Minimize6jqr_23266161_uff_E=2275.28	-10.2	0	0
Minimize6jqr_23266161_uff_E=2275.28	-10.2	0	0
Minimize6jqr_44562998_uff_E=898.97	-10.2	0	0
Minimize6jqr_44562998_uff_E=898.97	-10.2	0	0
Minimize6jqr_44562999_uff_E=940.38	-10.2	0	0
Minimize6jqr_44562999_uff_E=940.38	-10.2	0	0
Minimize6jqr_91754221_uff_E=794.20	-10.2	0	0
Minimize6jqr_92097_uff_E=851.80	-10.2	0	0
Minimize6jqr_115250_uff_E=783.38	-10.1	0	0
Minimize6jqr_14236711_uff_E=2164.82	-10.1	0	0
Minimize6jqr_14236711_uff_E=2164.82	-10.1	0	0
Minimize6jqr_442985_uff_E=717.71	-10.1	0	0
Minimize6jqr_442985_uff_E=717.71	-10.1	0	0
Minimize6jqr_91754221_uff_E=794.20	-10.1	0	0
Minimize6jqr_101690_uff_E=2034.34	-10	0	0
Minimize6jqr_101690_uff_E=2034.34	-10	0	0
Minimize6jqr_15858981_uff_E=2169.51	-10	0	0
Minimize6jqr_15858981_uff_E=2169.51	-10	0	0
Minimize6jqr_31553_uff_E=443.51	-10	0	0
Minimize6jqr_467296_uff_E=595.57	-10	0	0
Minimize6jqr_57403080_uff_E=2177.13	-10	0	0
Minimize6jqr_57403080_uff_E=2177.13	-10	0	0
Minimize6jqr_57524537_uff_E=738.70	-10	0	0
Minimize6jqr_15411208_uff_E=2195.20	-9.9	0	0
Minimize6jqr_15411208_uff_E=2195.20	-9.9	0	0
Minimize6jqr_23266167_uff_E=2260.24	-9.9	0	0
Minimize6jqr_23266167_uff_E=2260.24	-9.9	0	0
Minimize6jqr_44423097_uff_E=2320.65	-9.9	0	0
Minimize6jqr_44423097_uff_E=2320.65	-9.9	0	0

Minimize6jqr_5281629_uff_E=230.76	-9.9	0	0
Minimize6jqr_5281629_uff_E=230.76	-9.9	0	0
Minimize6jqr_70684083_uff_E=736.87	-9.9	0	0
Minimize6jqr_70684083_uff_E=736.87	-9.9	0	0
Minimize6jqr_101687980_uff_E=705.48	-9.8	0	0
Minimize6jqr_101687980_uff_E=705.48	-9.8	0	0
Minimize6jqr_13831063_uff_E=458.37	-9.8	0	0
Minimize6jqr_14492795_uff_E=311.89	-9.8	0	0
Minimize6jqr_179575_uff_E=713.95	-9.8	0	0
Minimize6jqr_179575_uff_E=713.95	-9.8	0	0
Minimize6jqr_21629801_uff_E=322.40	-9.8	0	0
Minimize6jqr_44249449_uff_E=682.82	-9.8	0	0
Minimize6jqr_44249449_uff_E=682.82	-9.8	0	0
Minimize6jqr_444679_uff_E=607.36	-9.8	0	0
Minimize6jqr_444679_uff_E=607.36	-9.8	0	0
Minimize6jqr_5317657_uff_E=446.38	-9.8	0	0
Minimize6jqr_6178836_uff_E=712.53	-9.8	0	0
Minimize6jqr_6918774_uff_E=706.68	-9.8	0	0
Minimize6jqr_92842_uff_E=695.77	-9.8	0	0
Minimize6jqr_10077822_uff_E=370.39	-9.7	0	0
Minimize6jqr_14807783_uff_E=529.49	-9.7	0	0
Minimize6jqr_14807783_uff_E=529.49	-9.7	0	0
Minimize6jqr_21594790_uff_E=2096.83	-9.7	0	0
Minimize6jqr_441071_uff_E=807.01	-9.7	0	0
Minimize6jqr_444679_uff_E=607.36	-9.7	0	0
Minimize6jqr_444679_uff_E=607.36	-9.7	0	0
Minimize6jqr_44575793_uff_E=2406.63	-9.7	0	0
Minimize6jqr_56841069_uff_E=810.83	-9.7	0	0
Minimize6jqr_64982_uff_E=439.92	-9.7	0	0
Minimize6jqr_6602509_uff_E=790.79	-9.7	0	0
Minimize6jqr_73145_uff_E=694.14	-9.7	0	0
Minimize6jqr_73145_uff_E=694.14	-9.7	0	0
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Minimize6jqr_107905_uff_E=319.94	-9.6	0	0
Minimize6jqr_117443_uff_E=655.90	-9.6	0	0
Minimize6jqr_5280489_uff_E=674.37	-9.6	0	0
Minimize6jqr_5280637_uff_E=456.82	-9.6	0	0
Minimize6jqr_5319484_uff_E=435.07	-9.6	0	0
Minimize6jqr_64971_uff_E=793.31	-9.6	0	0
Minimize6jqr_64971_uff_E=793.31	-9.6	0	0
Minimize6jqr_10026486_uff_E=284.10	-9.5	0	0
Minimize6jqr_101289709_uff_E=2427.56	-9.5	0	0
Minimize6jqr_107876_uff_E=535.16	-9.5	0	0
Minimize6jqr_11725426_uff_E=676.13	-9.5	0	0
Minimize6jqr_16680447_uff_E=2240.28	-9.5	0	0
Minimize6jqr_16680447_uff_E=2240.28	-9.5	0	0

Minimize6jqr_45359583_uff_E=569.23	-9.5	0	0
Minimize6jqr_5280459_uff_E=587.34	-9.5	0	0
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Minimize6jqr_5280704_uff_E=458.38	-9.5	0	0
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Minimize6jqr_5283652_uff_E=571.91	-9.5	0	0
Minimize6jqr_5283652_uff_E=571.91	-9.5	0	0
Minimize6jqr_5742590_uff_E=785.84	-9.5	0	0
Minimize6jqr_6439947_uff_E=367.83	-9.5	0	0
Minimize6jqr_64945_uff_E=805.65	-9.5	0	0
Minimize6jqr_64971_uff_E=793.31	-9.5	0	0
Minimize6jqr_64971_uff_E=793.31	-9.5	0	0
Minimize6jqr_9548595_uff_E=638.65	-9.5	0	0
Minimize6jqr_11699925_uff_E=477.93	-9.4	0	0
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Minimize6jqr_12309350_uff_E=407.06	-9.4	0	0
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Minimize6jqr_12795736_uff_E=643.77	-9.4	0	0
Minimize6jqr_12795736_uff_E=643.77	-9.4	0	0
Minimize6jqr_15560423_uff_E=1110.62	-9.4	0	0
Minimize6jqr_182689_uff_E=642.53	-9.4	0	0
Minimize6jqr_199472_uff_E=309.99	-9.4	0	0
Minimize6jqr_21679027_uff_E=2243.34	-9.4	0	0
Minimize6jqr_21679027_uff_E=2243.34	-9.4	0	0
Minimize6jqr_467295_uff_E=314.16	-9.4	0	0
Minimize6jqr_5281328_uff_E=588.80	-9.4	0	0
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Minimize6jqr_5316673_uff_E=581.17	-9.4	0	0
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Minimize6jqr_5487342_uff_E=609.36	-9.4	0	0
Minimize6jqr_65056_uff_E=328.38	-9.4	0	0
Minimize6jqr_94577_uff_E=424.50	-9.4	0	0
Minimize6jqr_12309055_uff_E=869.46	-9.3	0	0
Minimize6jqr_157009865_uff_E=666.22	-9.3	0	0
Minimize6jqr_157009865_uff_E=666.22	-9.3	0	0
Minimize6jqr_184310_uff_E=1018.00	-9.3	0	0
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Minimize6jqr_21637545_uff_E=567.22	-9.3	0	0
Minimize6jqr_44263331_uff_E=639.19	-9.3	0	0
Minimize6jqr_442682_uff_E=497.77	-9.3	0	0
Minimize6jqr_467297_uff_E=399.95	-9.3	0	0
Minimize6jqr_5280794_uff_E=546.19	-9.3	0	0
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Minimize6jqr_5280805_uff_E=751.59	-9.3	0	0
Minimize6jqr_5283640_uff_E=641.63	-9.3	0	0
Minimize6jqr_5318767_uff_E=736.07	-9.3	0	0
Minimize6jqr_53477610_uff_E=675.91	-9.3	0	0
Minimize6jqr_53477610_uff_E=675.91	-9.3	0	0
Minimize6jqr_6428670_uff_E=600.32	-9.3	0	0
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Minimize6jqr_72307_uff_E=773.35	-9.3	0	0
Minimize6jqr_72307_uff_E=773.35	-9.3	0	0
Minimize6jqr_92110_uff_E=2128.40	-9.3	0	0
Minimize6jqr_101650343_uff_E=997.15	-9.2	0	0
Minimize6jqr_11334829_uff_E=295.12	-9.2	0	0
Minimize6jqr_129636354_uff_E=586.53	-9.2	0	0
Minimize6jqr_13834128_uff_E=403.08	-9.2	0	0
Minimize6jqr_15559069_uff_E=705.24	-9.2	0	0
Minimize6jqr_3084995_uff_E=620.07	-9.2	0	0
Minimize6jqr_441837_uff_E=619.20	-9.2	0	0
Minimize6jqr_441837_uff_E=619.20	-9.2	0	0
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Minimize6jqr_46173973_uff_E=447.42	-9.2	0	0
Minimize6jqr_5204_uff_E=773.35	-9.2	0	0
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Minimize6jqr_5280637_uff_E=456.82	-9.2	0	0
Minimize6jqr_5280794_uff_E=546.19	-9.2	0	0
Minimize6jqr_5280805_uff_E=751.59	-9.2	0	0
Minimize6jqr_5281331_uff_E=569.98	-9.2	0	0
Minimize6jqr_53232_uff_E=334.51	-9.2	0	0
Minimize6jqr_5458878_uff_E=427.96	-9.2	0	0
Minimize6jqr_65064_uff_E=325.39	-9.2	0	0
Minimize6jqr_74414058_uff_E=591.35	-9.2	0	0
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Minimize6jqr_91692437_uff_E=582.55	-9.2	0	0
Minimize6jqr_91746804_uff_E=668.79	-9.2	0	0
Minimize6jqr_9870599_uff_E=591.97	-9.2	0	0
Minimize6jqr_102156383_uff_E=563.06	-9.1	0	0
Minimize6jqr_10648253_uff_E=434.80	-9.1	0	0
Minimize6jqr_15515703_uff_E=992.32	-9.1	0	0
Minimize6jqr_173183_uff_E=573.30	-9.1	0	0
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Minimize6jqr_185552_uff_E=1277.87	-9.1	0	0

Minimize6jqr_185586_uff_E=1041.77	-9.1	0	0
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Minimize6jqr_193567_uff_E=611.83	-9.1	0	0
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Minimize6jqr_5281624_uff_E=254.89	-9.1	0	0
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Minimize6jqr_5458879_uff_E=431.57	-9.1	0	0
Minimize6jqr_5878729_uff_E=605.70	-9.1	0	0
Minimize6jqr_69879809_uff_E=265.94	-9.1	0	0
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Minimize6jqr_94204_uff_E=2069.23	-9.1	0	0
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Minimize6jqr_11119228_uff_E=295.03	-9	0	0
Minimize6jqr_119205_uff_E=472.04	-9	0	0
Minimize6jqr_119258_uff_E=429.33	-9	0	0
Minimize6jqr_12302182_uff_E=843.90	-9	0	0
Minimize6jqr_12303662_uff_E=588.93	-9	0	0
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Minimize6jqr_12308716_uff_E=912.84	-9	0	0
Minimize6jqr_173183_uff_E=573.30	-9	0	0
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Minimize6jqr_189404_uff_E=299.62	-9	0	0
Minimize6jqr_189726_uff_E=1121.85	-9	0	0
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Minimize6jqr_222284_uff_E=590.88	-9	0	0
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Minimize6jqr_5281243_uff_E=655.10	-9	0	0
Minimize6jqr_5281331_uff_E=569.98	-9	0	0
Minimize6jqr_65252_uff_E=728.67	-9	0	0

Minimize6jqr_92729_uff_E=258.14	-9	0	0
Minimize6jqr_10095180_uff_E=591.32	-8.9	0	0
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Minimize6jqr_10244953_uff_E=357.01	-8.9	0	0
Minimize6jqr_10494_uff_E=689.79	-8.9	0	0
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Minimize6jqr_119394_uff_E=539.76	-8.9	0	0
Minimize6jqr_14467538_uff_E=1088.15	-8.9	0	0
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Minimize6jqr_162350_uff_E=453.84	-8.9	0	0
Minimize6jqr_178770_uff_E=1034.42	-8.9	0	0
Minimize6jqr_222284_uff_E=590.88	-8.9	0	0
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Minimize6jqr_23242592_uff_E=399.08	-8.9	0	0
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Minimize6jqr_5481224_uff_E=592.48	-8.9	0	0
Minimize6jqr_5835713_uff_E=613.39	-8.9	0	0
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Minimize6jqr_5969616_uff_E=520.80	-8.9	0	0
Minimize6jqr_5997_uff_E=549.32	-8.9	0	0
Minimize6jqr_71597391_uff_E=1157.85	-8.9	0	0
Minimize6jqr_101257_uff_E=781.56	-8.8	0	0
Minimize6jqr_101529198_uff_E=336.88	-8.8	0	0
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Minimize6jqr_12004512_uff_E=2292.11	-8.8	0	0
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Minimize6jqr_189727_uff_E=467.77	-8.8	0	0
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Minimize6jqr_442664_uff_E=626.81	-8.8	0	0
Minimize6jqr_44567124_uff_E=849.29	-8.8	0	0
Minimize6jqr_5281327_uff_E=537.73	-8.8	0	0
Minimize6jqr_5281675_uff_E=415.84	-8.8	0	0
Minimize6jqr_53754390_uff_E=531.20	-8.8	0	0
Minimize6jqr_5997_uff_E=549.32	-8.8	0	0
Minimize6jqr_5997_uff_E=549.32	-8.8	0	0
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Minimize6jqr_6442906_uff_E=1563.47	-8.8	0	0
Minimize6jqr_72201063_uff_E=2267.73	-8.8	0	0
Minimize6jqr_9823926_uff_E=599.99	-8.8	0	0
Minimize6jqr_10208_uff_E=215.65	-8.7	0	0
Minimize6jqr_10447050_uff_E=186.84	-8.7	0	0
Minimize6jqr_11012859_uff_E=322.39	-8.7	0	0
Minimize6jqr_114776_uff_E=472.96	-8.7	0	0
Minimize6jqr_115196_uff_E=718.52	-8.7	0	0

Minimize6jqr_12305761_uff_E=413.77	-8.7	0	0
Minimize6jqr_12310964_uff_E=198.95	-8.7	0	0
Minimize6jqr_12444341_uff_E=285.20	-8.7	0	0
Minimize6jqr_149138_uff_E=277.04	-8.7	0	0
Minimize6jqr_16623_uff_E=607.90	-8.7	0	0
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Minimize6jqr_259846_uff_E=928.19	-8.7	0	0
Minimize6jqr_3080632_uff_E=630.00	-8.7	0	0
Minimize6jqr_493570_uff_E=317.94	-8.7	0	0
Minimize6jqr_5281643_uff_E=608.46	-8.7	0	0
Minimize6jqr_5283638_uff_E=554.13	-8.7	0	0
Minimize6jqr_53477901_uff_E=555.54	-8.7	0	0
Minimize6jqr_53477901_uff_E=555.54	-8.7	0	0
Minimize6jqr_5484202_uff_E=569.80	-8.7	0	0
Minimize6jqr_637429_uff_E=348.12	-8.7	0	0
Minimize6jqr_6857447_uff_E=255.66	-8.7	0	0
Minimize6jqr_10207_uff_E=212.95	-8.6	0	0
Minimize6jqr_102586008_uff_E=3621.62	-8.6	0	0
Minimize6jqr_11141599_uff_E=334.11	-8.6	0	0
Minimize6jqr_114776_uff_E=472.96	-8.6	0	0
Minimize6jqr_12299984_uff_E=957.07	-8.6	0	0
Minimize6jqr_133534_uff_E=642.42	-8.6	0	0
Minimize6jqr_13475125_uff_E=610.52	-8.6	0	0
Minimize6jqr_136828302_uff_E=610.66	-8.6	0	0
Minimize6jqr_3220_uff_E=196.51	-8.6	0	0
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Minimize6jqr_493570_uff_E=317.94	-8.6	0	0
Minimize6jqr_49863985_uff_E=2418.53	-8.6	0	0
Minimize6jqr_5281647_uff_E=412.79	-8.6	0	0
Minimize6jqr_5469424_uff_E=287.00	-8.6	0	0
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Minimize6jqr_70689651_uff_E=437.92	-8.6	0	0
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Minimize6jqr_101529197_uff_E=333.38	-8.5	0	0
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Minimize6jqr_14546897_uff_E=351.39	-8.5	0	0
Minimize6jqr_14889736_uff_E=450.13	-8.5	0	0
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Minimize6jqr_189706_uff_E=380.23	-8.5	0	0
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Minimize6jqr_5488766_uff_E=786.50	-8.5	0	0
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Minimize6jqr_6365122_uff_E=189.19	-7.7	0	0
Minimize6jqr_6440982_uff_E=607.43	-7.7	0	0
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Minimize6jqr_72277_uff_E=237.97	-7.7	0	0
Minimize6jqr_72277_uff_E=237.97	-7.7	0	0
Minimize6jqr_9064_uff_E=204.84	-7.7	0	0
Minimize6jqr_92776_uff_E=205.59	-7.7	0	0
Minimize6jqr_92776_uff_E=205.59	-7.7	0	0
Minimize6jqr_12299868_uff_E=187.49	-7.6	0	0
Minimize6jqr_12306048_uff_E=238.39	-7.6	0	0
Minimize6jqr_12306049_uff_E=224.98	-7.6	0	0
Minimize6jqr_12308846_uff_E=223.34	-7.6	0	0
Minimize6jqr_129556_uff_E=327.65	-7.6	0	0
Minimize6jqr_131752909_uff_E=328.96	-7.6	0	0
Minimize6jqr_14632996_uff_E=250.75	-7.6	0	0
Minimize6jqr_227829_uff_E=314.72	-7.6	0	0
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Minimize6jqr_3033866_uff_E=215.11	-7.6	0	0
Minimize6jqr_3033866_uff_E=215.11	-7.6	0	0
Minimize6jqr_445154_uff_E=172.22	-7.6	0	0
Minimize6jqr_445154_uff_E=172.22	-7.6	0	0
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Minimize6jqr_6324617_uff_E=1098.55	-7.6	0	0
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Minimize6jqr_6429022_uff_E=265.86	-7.6	0	0

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Minimize6jqr_6430754_uff_E=351.19	-7.6	0	0
Minimize6jqr_6430754_uff_E=351.19	-7.6	0	0
Minimize6jqr_72277_uff_E=237.97	-7.6	0	0
Minimize6jqr_72277_uff_E=237.97	-7.6	0	0
Minimize6jqr_90785_uff_E=298.31	-7.6	0	0
Minimize6jqr_91747196_uff_E=1522.87	-7.6	0	0
Minimize6jqr_91753231_uff_E=1806.42	-7.6	0	0
Minimize6jqr_92776_uff_E=205.59	-7.6	0	0
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Minimize6jqr_9796015_uff_E=225.24	-7.6	0	0
Minimize6jqr_10104370_uff_E=146.78	-7.5	0	0
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Minimize6jqr_10856614_uff_E=191.36	-7.2	0	0
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Minimize6jqr_12304985_uff_E=1741.23	-7.2	0	0
Minimize6jqr_12304985_uff_E=1741.23	-7.2	0	0
Minimize6jqr_12306046_uff_E=215.97	-7.2	0	0
Minimize6jqr_14014430_uff_E=114.77	-7.2	0	0
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Minimize6jqr_15560069_uff_E=164.60	-7.2	0	0
Minimize6jqr_15560069_uff_E=164.60	-7.2	0	0
Minimize6jqr_15560330_uff_E=213.86	-7.2	0	0
Minimize6jqr_160512_uff_E=137.89	-7.2	0	0
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Minimize6jqr_56927990_uff_E=1445.85	-7.2	0	0
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Minimize6jqr_3032853_uff_E=186.85	-6.8	0	0
Minimize6jqr_440752_uff_E=118.79	-6.8	0	0
Minimize6jqr_440752_uff_E=118.79	-6.8	0	0
Minimize6jqr_443143_uff_E=173.04	-6.8	0	0
Minimize6jqr_443143_uff_E=173.04	-6.8	0	0
Minimize6jqr_443143_uff_E=272.45	-6.8	0	0
Minimize6jqr_443143_uff_E=272.45	-6.8	0	0
Minimize6jqr_44445003_uff_E=184.57	-6.8	0	0
Minimize6jqr_444899_uff_E=143.35	-6.8	0	0
Minimize6jqr_445070_uff_E=148.85	-6.8	0	0
Minimize6jqr_445070_uff_E=148.85	-6.8	0	0
Minimize6jqr_44583958_uff_E=1671.24	-6.8	0	0
Minimize6jqr_44715635_uff_E=917.08	-6.8	0	0
Minimize6jqr_5281516_uff_E=164.36	-6.8	0	0

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Minimize6jqr_5281532_uff_E=430.09	-6.8	0	0
Minimize6jqr_5284507_uff_E=158.07	-6.8	0	0
Minimize6jqr_530816_uff_E=869.19	-6.8	0	0
Minimize6jqr_5316534_uff_E=303.80	-6.8	0	0
Minimize6jqr_5365872_uff_E=195.07	-6.8	0	0
Minimize6jqr_5368798_uff_E=426.18	-6.8	0	0
Minimize6jqr_5371122_uff_E=220.38	-6.8	0	0
Minimize6jqr_6427070_uff_E=543.11	-6.8	0	0
Minimize6jqr_6442612_uff_E=131.21	-6.8	0	0
Minimize6jqr_6552024_uff_E=658.77	-6.8	0	0
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Minimize6jqr_6857681_uff_E=436.28	-6.8	0	0
Minimize6jqr_92249_uff_E=110.81	-6.8	0	0
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Minimize6jqr_9548708_uff_E=152.63	-6.8	0	0
Minimize6jqr_9548708_uff_E=152.63	-6.8	0	0
Minimize6jqr_101925674_uff_E=630.73	-6.7	0	0
Minimize6jqr_10421034_uff_E=177.15	-6.7	0	0
Minimize6jqr_10466745_uff_E=338.19	-6.7	0	0
Minimize6jqr_10466745_uff_E=338.19	-6.7	0	0
Minimize6jqr_108058_uff_E=987.14	-6.7	0	0
Minimize6jqr_12309449_uff_E=218.48	-6.7	0	0
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Minimize6jqr_12444363_uff_E=383.44	-6.7	0	0
Minimize6jqr_12444363_uff_E=383.44	-6.7	0	0
Minimize6jqr_12446728_uff_E=81.58	-6.7	0	0
Minimize6jqr_1549108_uff_E=157.02	-6.7	0	0
Minimize6jqr_1549109_uff_E=197.64	-6.7	0	0
Minimize6jqr_196216_uff_E=215.06	-6.7	0	0
Minimize6jqr_42608198_uff_E=549.90	-6.7	0	0
Minimize6jqr_445070_uff_E=148.85	-6.7	0	0
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Minimize6jqr_519743_uff_E=562.91	-6.7	0	0
Minimize6jqr_5280450_uff_E=147.99	-6.7	0	0
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Minimize6jqr_5317319_uff_E=128.06	-6.7	0	0
Minimize6jqr_5352449_uff_E=149.73	-6.7	0	0
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Minimize6jqr_5365890_uff_E=132.14	-6.7	0	0
Minimize6jqr_5988_uff_E=487.38	-6.7	0	0
Minimize6jqr_5988_uff_E=487.38	-6.7	0	0

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Minimize6jqr_6255_uff_E=385.08	-6.7	0	0
Minimize6jqr_6255_uff_E=385.08	-6.7	0	0
Minimize6jqr_638014_uff_E=245.28	-6.7	0	0
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Minimize6jqr_91723653_uff_E=250.40	-6.7	0	0
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Minimize6jqr_91748860_uff_E=415.69	-6.7	0	0
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Minimize6jqr_91998659_uff_E=250.40	-6.7	0	0
Minimize6jqr_92138_uff_E=194.87	-6.7	0	0
Minimize6jqr_10775429_uff_E=335.76	-6.6	0	0
Minimize6jqr_11106484_uff_E=409.11	-6.6	0	0
Minimize6jqr_11816173_uff_E=107.21	-6.6	0	0
Minimize6jqr_11875005_uff_E=992.03	-6.6	0	0
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Minimize6jqr_289151_uff_E=540.55	-6.6	0	0

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Minimize6jqr_5280598_uff_E=140.38	-6.6	0	0
Minimize6jqr_5282110_uff_E=95.07	-6.6	0	0
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Minimize6jqr_5320128_uff_E=171.42	-6.6	0	0
Minimize6jqr_6429302_uff_E=713.72	-6.6	0	0
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Minimize6jqr_68252_uff_E=189.49	-6.6	0	0
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Minimize6jqr_91746673_uff_E=180.64	-6.6	0	0
Minimize6jqr_92138_uff_E=194.87	-6.6	0	0
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Minimize6jqr_10231_uff_E=304.43	-6.5	0	0
Minimize6jqr_12649_uff_E=202.71	-6.5	0	0
Minimize6jqr_1549107_uff_E=162.76	-6.5	0	0
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Minimize6jqr_21675862_uff_E=615.39	-6.5	0	0
Minimize6jqr_323_uff_E=92.32	-6.5	0	0
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Minimize6jqr_5320128_uff_E=171.42	-6.5	0	0

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Minimize6jqr_91746561_uff_E=1599.45	-6.5	0	0
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Minimize6jqr_15228937_uff_E=109.73	-6.3	0	0
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Minimize6jqr_5317319_uff_E=128.06	-6.3	0	0
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Minimize6jqr_5312688_uff_E=61.24	-6.2	0	0
Minimize6jqr_5317319_uff_E=128.06	-6.2	0	0
Minimize6jqr_5318557_uff_E=272.58	-6.2	0	0
Minimize6jqr_5320128_uff_E=171.42	-6.2	0	0
Minimize6jqr_6089_uff_E=359.91	-6.2	0	0
Minimize6jqr_62385_uff_E=100.31	-6.2	0	0
Minimize6jqr_62385_uff_E=100.31	-6.2	0	0

Minimize6jqr_62385_uff_E=100.31	-6.2	0	0
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Minimize6jqr_62385_uff_E=100.31	-6.2	0	0
Minimize6jqr_636822_uff_E=280.57	-6.2	0	0
Minimize6jqr_637520_uff_E=96.54	-6.2	0	0
Minimize6jqr_637520_uff_E=96.54	-6.2	0	0
Minimize6jqr_637542_uff_E=90.83	-6.2	0	0
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Minimize6jqr_6442707_uff_E=186.12	-6.2	0	0
Minimize6jqr_660_uff_E=123.18	-6.2	0	0
Minimize6jqr_689043_uff_E=98.60	-6.2	0	0
Minimize6jqr_78932_uff_E=272.58	-6.2	0	0
Minimize6jqr_965_uff_E=69.17	-6.2	0	0
Minimize6jqr_100966488_uff_E=1584.26	-6.1	0	0
Minimize6jqr_10231_uff_E=304.43	-6.1	0	0
Minimize6jqr_102443_uff_E=123.72	-6.1	0	0
Minimize6jqr_102443_uff_E=123.72	-6.1	0	0
Minimize6jqr_102443_uff_E=123.72	-6.1	0	0
Minimize6jqr_110923_uff_E=128.31	-6.1	0	0
Minimize6jqr_1150_uff_E=319.68	-6.1	0	0
Minimize6jqr_1150_uff_E=319.68	-6.1	0	0
Minimize6jqr_12304570_uff_E=101.55	-6.1	0	0
Minimize6jqr_14104_uff_E=183.87	-6.1	0	0
Minimize6jqr_14104_uff_E=183.87	-6.1	0	0
Minimize6jqr_1549026_uff_E=114.84	-6.1	0	0
Minimize6jqr_1549778_uff_E=108.04	-6.1	0	0
Minimize6jqr_31211_uff_E=114.44	-6.1	0	0
Minimize6jqr_442495_uff_E=167.20	-6.1	0	0
Minimize6jqr_444539_uff_E=86.61	-6.1	0	0
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Minimize6jqr_5202_uff_E=323.58	-6.1	0	0
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Minimize6jqr_5280450_uff_E=147.99	-6.1	0	0
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Minimize6jqr_5281147_uff_E=454.75	-6.1	0	0
Minimize6jqr_5284421_uff_E=115.86	-6.1	0	0
Minimize6jqr_5321816_uff_E=1566.31	-6.1	0	0
Minimize6jqr_5352710_uff_E=119.41	-6.1	0	0
Minimize6jqr_5353609_uff_E=109.73	-6.1	0	0

Minimize6jqr_54031279_uff_E=117.05	-6.1	0	0
Minimize6jqr_54045441_uff_E=208.44	-6.1	0	0
Minimize6jqr_59824267_uff_E=215.12	-6.1	0	0
Minimize6jqr_637775_uff_E=206.17	-6.1	0	0
Minimize6jqr_6430765_uff_E=250.60	-6.1	0	0
Minimize6jqr_6431301_uff_E=668.80	-6.1	0	0
Minimize6jqr_6987_uff_E=122.31	-6.1	0	0
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Minimize6jqr_7461_uff_E=63.24	-6.1	0	0
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Minimize6jqr_853433_uff_E=170.74	-6.1	0	0
Minimize6jqr_85567_uff_E=145.46	-6.1	0	0
Minimize6jqr_8835_uff_E=113.27	-6.1	0	0
Minimize6jqr_95376_uff_E=111.48	-6.1	0	0
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Minimize6jqr_985_uff_E=57.46	-6.1	0	0
Minimize6jqr_10248_uff_E=228.13	-6	0	0
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Minimize6jqr_10261_uff_E=203.02	-6	0	0
Minimize6jqr_11463_uff_E=132.39	-6	0	0
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Minimize6jqr_1201543_uff_E=486.38	-6	0	0
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Minimize6jqr_12233170_uff_E=140.84	-6	0	0

Minimize6jqr_124886_uff_E=157.56	-6	0	0
Minimize6jqr_136330_uff_E=197.68	-6	0	0
Minimize6jqr_138181_uff_E=174.73	-6	0	0
Minimize6jqr_13849_uff_E=53.38	-6	0	0
Minimize6jqr_14104_uff_E=183.87	-6	0	0
Minimize6jqr_14106048_uff_E=148.42	-6	0	0
Minimize6jqr_14529_uff_E=139.23	-6	0	0
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Minimize6jqr_1549026_uff_E=114.84	-6	0	0
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Minimize6jqr_20960_uff_E=162.82	-6	0	0
Minimize6jqr_22311_uff_E=102.50	-6	0	0
Minimize6jqr_30248_uff_E=90.42	-6	0	0
Minimize6jqr_326_uff_E=71.05	-6	0	0
Minimize6jqr_330573_uff_E=125.78	-6	0	0
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Minimize6jqr_440917_uff_E=101.92	-6	0	0
Minimize6jqr_443160_uff_E=154.48	-6	0	0
Minimize6jqr_443181_uff_E=69.02	-6	0	0
Minimize6jqr_445639_uff_E=80.35	-6	0	0
Minimize6jqr_5144_uff_E=244.83	-6	0	0
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Minimize6jqr_5202_uff_E=323.58	-6	0	0
Minimize6jqr_5282109_uff_E=149.14	-6	0	0
Minimize6jqr_5352626_uff_E=112.06	-6	0	0
Minimize6jqr_5352704_uff_E=1226.66	-6	0	0
Minimize6jqr_579336_uff_E=191.05	-6	0	0
Minimize6jqr_636750_uff_E=210.09	-6	0	0
Minimize6jqr_637563_uff_E=99.86	-6	0	0
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Minimize6jqr_6427071_uff_E=117.60	-6	0	0
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Minimize6jqr_6427504_uff_E=1474.28	-6	0	0
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Minimize6jqr_6448_uff_E=463.97	-6	0	0
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Minimize6jqr_6449780_uff_E=1575.85	-6	0	0

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Minimize6jqr_22311_uff_E=102.50	-5.9	0	0
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Minimize6jqr_23217_uff_E=52.59	-5.9	0	0
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Minimize6jqr_3083746_uff_E=276.02	-5.9	0	0
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Minimize6jqr_445638_uff_E=85.31	-5.9	0	0
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Minimize6jqr_527424_uff_E=137.11	-5.9	0	0
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Minimize6jqr_6432474_uff_E=84.30	-5.9	0	0
Minimize6jqr_69144_uff_E=107.62	-5.9	0	0
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Minimize6jqr_7439_uff_E=108.57	-5.9	0	0
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Minimize6jqr_7462_uff_E=122.04	-5.9	0	0
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Minimize6jqr_2153_uff_E=338.68	-5.7	0	0
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Minimize6jqr_31291_uff_E=48.24	-5.7	0	0
Minimize6jqr_3314_uff_E=169.59	-5.7	0	0
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Minimize6jqr_439711_uff_E=437.31	-5.7	0	0
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Minimize6jqr_5320250_uff_E=107.47	-5.7	0	0
Minimize6jqr_5365910_uff_E=106.84	-5.7	0	0
Minimize6jqr_5365910_uff_E=106.84	-5.7	0	0
Minimize6jqr_5365910_uff_E=106.84	-5.7	0	0
Minimize6jqr_543985_uff_E=86.40	-5.7	0	0
Minimize6jqr_5460005_uff_E=92.64	-5.7	0	0
Minimize6jqr_596373_uff_E=177.43	-5.7	0	0
Minimize6jqr_61275_uff_E=167.13	-5.7	0	0
Minimize6jqr_61290_uff_E=86.53	-5.7	0	0
Minimize6jqr_638011_uff_E=72.63	-5.7	0	0
Minimize6jqr_6427476_uff_E=648.48	-5.7	0	0
Minimize6jqr_6432254_uff_E=190.94	-5.7	0	0
Minimize6jqr_6432254_uff_E=190.94	-5.7	0	0
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Minimize6jqr_66841_uff_E=112.09	-5.7	0	0
Minimize6jqr_68140_uff_E=59.87	-5.7	0	0
Minimize6jqr_69228630_uff_E=128.17	-5.7	0	0
Minimize6jqr_6986_uff_E=79.98	-5.7	0	0
Minimize6jqr_6986_uff_E=79.98	-5.7	0	0
Minimize6jqr_7127_uff_E=185.81	-5.7	0	0
Minimize6jqr_81722_uff_E=110.39	-5.7	0	0
Minimize6jqr_85567_uff_E=145.46	-5.7	0	0
Minimize6jqr_88268_uff_E=115.25	-5.7	0	0
Minimize6jqr_88297_uff_E=736.37	-5.7	0	0
Minimize6jqr_88984_uff_E=62.45	-5.7	0	0
Minimize6jqr_9017_uff_E=110.04	-5.7	0	0
Minimize6jqr_91195_uff_E=1386.21	-5.7	0	0
Minimize6jqr_91456_uff_E=1412.37	-5.7	0	0
Minimize6jqr_985_uff_E=57.46	-5.7	0	0
Minimize6jqr_985_uff_E=57.46	-5.7	0	0
Minimize6jqr_9895_uff_E=172.51	-5.7	0	0
Minimize6jqr_9895_uff_E=172.51	-5.7	0	0
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Minimize6jqr_10047_uff_E=443.48	-5.6	0	0
Minimize6jqr_10047_uff_E=443.48	-5.6	0	0
Minimize6jqr_10953718_uff_E=1566.06	-5.6	0	0
Minimize6jqr_11005_uff_E=51.08	-5.6	0	0

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Minimize6jqr_11092_uff_E=127.49	-5.6	0	0
Minimize6jqr_11230_uff_E=155.64	-5.6	0	0
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Minimize6jqr_121719_uff_E=632.63	-5.6	0	0
Minimize6jqr_121719_uff_E=632.63	-5.6	0	0
Minimize6jqr_12389_uff_E=40.62	-5.6	0	0
Minimize6jqr_1254_uff_E=94.75	-5.6	0	0
Minimize6jqr_13625_uff_E=311.12	-5.6	0	0
Minimize6jqr_14291_uff_E=93.18	-5.6	0	0
Minimize6jqr_159055_uff_E=400.52	-5.6	0	0
Minimize6jqr_17095_uff_E=37.41	-5.6	0	0
Minimize6jqr_23623867_uff_E=479.50	-5.6	0	0
Minimize6jqr_2519_uff_E=351.18	-5.6	0	0
Minimize6jqr_2537_uff_E=400.52	-5.6	0	0
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Minimize6jqr_2682_uff_E=63.44	-5.6	0	0
Minimize6jqr_31291_uff_E=48.24	-5.6	0	0
Minimize6jqr_3469_uff_E=78.01	-5.6	0	0
Minimize6jqr_439215_uff_E=171.00	-5.6	0	0
Minimize6jqr_439711_uff_E=437.31	-5.6	0	0
Minimize6jqr_439711_uff_E=437.31	-5.6	0	0
Minimize6jqr_445638_uff_E=85.31	-5.6	0	0
Minimize6jqr_4668_uff_E=50.69	-5.6	0	0
Minimize6jqr_522039_uff_E=92.77	-5.6	0	0
Minimize6jqr_527428_uff_E=140.64	-5.6	0	0
Minimize6jqr_5275520_uff_E=118.05	-5.6	0	0
Minimize6jqr_5275520_uff_E=118.05	-5.6	0	0
Minimize6jqr_5281119_uff_E=95.80	-5.6	0	0
Minimize6jqr_5281758_uff_E=421.26	-5.6	0	0
Minimize6jqr_5312583_uff_E=114.33	-5.6	0	0
Minimize6jqr_5320250_uff_E=107.47	-5.6	0	0
Minimize6jqr_5352709_uff_E=100.33	-5.6	0	0
Minimize6jqr_5365639_uff_E=99.77	-5.6	0	0
Minimize6jqr_5365696_uff_E=48.55	-5.6	0	0
Minimize6jqr_5371125_uff_E=77.12	-5.6	0	0
Minimize6jqr_580935_uff_E=192.85	-5.6	0	0
Minimize6jqr_6054_uff_E=95.74	-5.6	0	0
Minimize6jqr_637518_uff_E=1384.90	-5.6	0	0
Minimize6jqr_637518_uff_E=1384.90	-5.6	0	0

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Minimize6jqr_637566_uff_E=110.10	-5.6	0	0
Minimize6jqr_638011_uff_E=72.63	-5.6	0	0
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Minimize6jqr_6427788_uff_E=213.79	-5.6	0	0
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Minimize6jqr_6428573_uff_E=187.44	-5.6	0	0
Minimize6jqr_6432254_uff_E=190.94	-5.6	0	0
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Minimize6jqr_6452061_uff_E=1579.20	-5.6	0	0
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Minimize6jqr_6943_uff_E=72.11	-5.6	0	0
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Minimize6jqr_7809_uff_E=103.72	-5.6	0	0
Minimize6jqr_79044_uff_E=1451.82	-5.6	0	0
Minimize6jqr_8438_uff_E=218.90	-5.6	0	0
Minimize6jqr_84825_uff_E=276.11	-5.6	0	0
Minimize6jqr_84880_uff_E=747.56	-5.6	0	0
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Minimize6jqr_8815_uff_E=99.98	-5.6	0	0
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Minimize6jqr_91456_uff_E=1412.37	-5.6	0	0
Minimize6jqr_93046_uff_E=2155.84	-5.6	0	0
Minimize6jqr_94147_uff_E=1479.05	-5.6	0	0
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Minimize6jqr_985_uff_E=57.46	-5.6	0	0
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Minimize6jqr_10106_uff_E=415.35	-5.5	0	0
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Minimize6jqr_101153_uff_E=236.33	-5.5	0	0
Minimize6jqr_10282_uff_E=154.23	-5.5	0	0
Minimize6jqr_10465_uff_E=60.66	-5.5	0	0
Minimize6jqr_1054_uff_E=125.61	-5.5	0	0
Minimize6jqr_10953718_uff_E=1566.06	-5.5	0	0
Minimize6jqr_11622_uff_E=43.24	-5.5	0	0
Minimize6jqr_11635_uff_E=56.94	-5.5	0	0
Minimize6jqr_122484_uff_E=153.79	-5.5	0	0
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Minimize6jqr_12315151_uff_E=1462.27	-5.5	0	0
Minimize6jqr_12388_uff_E=37.05	-5.5	0	0
Minimize6jqr_12530_uff_E=46.39	-5.5	0	0
Minimize6jqr_129640025_uff_E=59.50	-5.5	0	0
Minimize6jqr_14896_uff_E=713.31	-5.5	0	0
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Minimize6jqr_15076_uff_E=67.94	-5.5	0	0
Minimize6jqr_18818_uff_E=1441.07	-5.5	0	0
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Minimize6jqr_243_uff_E=59.30	-5.5	0	0
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Minimize6jqr_2537_uff_E=400.52	-5.5	0	0
Minimize6jqr_2682_uff_E=63.44	-5.5	0	0
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Minimize6jqr_370_uff_E=77.82	-5.5	0	0
Minimize6jqr_3893_uff_E=43.33	-5.5	0	0
Minimize6jqr_4133_uff_E=86.76	-5.5	0	0
Minimize6jqr_439655_uff_E=76.10	-5.5	0	0

Minimize6jqr_449290_uff_E=1565.93	-5.5	0	0
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Minimize6jqr_53952704_uff_E=102.41	-5.5	0	0
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Minimize6jqr_6428573_uff_E=187.44	-5.5	0	0
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Minimize6jqr_643820_uff_E=110.97	-5.5	0	0
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Minimize6jqr_64685_uff_E=466.88	-5.5	0	0
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Minimize6jqr_6549_uff_E=118.54	-5.5	0	0
Minimize6jqr_6552009_uff_E=466.88	-5.5	0	0
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Minimize6jqr_578221_uff_E=1592.34	-5.4	0	0
Minimize6jqr_61284_uff_E=209.54	-5.4	0	0
Minimize6jqr_62465_uff_E=101.39	-5.4	0	0
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Minimize6jqr_7710_uff_E=169.64	-5.4	0	0
Minimize6jqr_7778_uff_E=109.69	-5.4	0	0
Minimize6jqr_7794_uff_E=88.05	-5.4	0	0
Minimize6jqr_7809_uff_E=54.75	-5.4	0	0
Minimize6jqr_78750_uff_E=79.31	-5.4	0	0
Minimize6jqr_79035_uff_E=1568.10	-5.4	0	0
Minimize6jqr_79044_uff_E=1451.82	-5.4	0	0
Minimize6jqr_7929_uff_E=102.73	-5.4	0	0
Minimize6jqr_8294_uff_E=131.80	-5.4	0	0
Minimize6jqr_8468_uff_E=150.75	-5.4	0	0
Minimize6jqr_8468_uff_E=150.75	-5.4	0	0
Minimize6jqr_8468_uff_E=150.75	-5.4	0	0
Minimize6jqr_8468_uff_E=150.75	-5.4	0	0
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Minimize6jqr_85734_uff_E=105.31	-5.4	0	0
Minimize6jqr_8742_uff_E=163.00	-5.4	0	0
Minimize6jqr_8742_uff_E=163.00	-5.4	0	0
Minimize6jqr_892_uff_E=156.51	-5.4	0	0
Minimize6jqr_94715_uff_E=173.12	-5.4	0	0
Minimize6jqr_94715_uff_E=173.12	-5.4	0	0
Minimize6jqr_94715_uff_E=173.12	-5.4	0	0
Minimize6jqr_95337_uff_E=92.67	-5.4	0	0

Minimize6jqr_984_uff_E=55.02	-5.4	0	0
Minimize6jqr_998_uff_E=81.97	-5.4	0	0
Minimize6jqr_998_uff_E=81.97	-5.4	0	0
Minimize6jqr_101629835_uff_E=1446.46	-5.3	0	0
Minimize6jqr_101629835_uff_E=1446.46	-5.3	0	0
Minimize6jqr_101629835_uff_E=1446.46	-5.3	0	0
Minimize6jqr_101680_uff_E=472.40	-5.3	0	0
Minimize6jqr_101680_uff_E=472.40	-5.3	0	0
Minimize6jqr_101680_uff_E=472.40	-5.3	0	0
Minimize6jqr_10720_uff_E=387.56	-5.3	0	0
Minimize6jqr_1183_uff_E=79.78	-5.3	0	0
Minimize6jqr_1183_uff_E=79.78	-5.3	0	0
Minimize6jqr_12315151_uff_E=1462.27	-5.3	0	0
Minimize6jqr_12315151_uff_E=1462.27	-5.3	0	0
Minimize6jqr_12315151_uff_E=1462.27	-5.3	0	0
Minimize6jqr_1252759_uff_E=189.79	-5.3	0	0
Minimize6jqr_17000_uff_E=78.73	-5.3	0	0
Minimize6jqr_18950_uff_E=195.52	-5.3	0	0
Minimize6jqr_18950_uff_E=195.52	-5.3	0	0
Minimize6jqr_18950_uff_E=195.52	-5.3	0	0
Minimize6jqr_244_uff_E=68.48	-5.3	0	0
Minimize6jqr_24740615_uff_E=47.76	-5.3	0	0
Minimize6jqr_25310_uff_E=179.95	-5.3	0	0
Minimize6jqr_25310_uff_E=179.95	-5.3	0	0
Minimize6jqr_25310_uff_E=179.95	-5.3	0	0
Minimize6jqr_25310_uff_E=179.95	-5.3	0	0
Minimize6jqr_28906_uff_E=116.43	-5.3	0	0
Minimize6jqr_311_uff_E=79.82	-5.3	0	0
Minimize6jqr_311_uff_E=79.82	-5.3	0	0
Minimize6jqr_311_uff_E=79.82	-5.3	0	0
Minimize6jqr_31291_uff_E=48.24	-5.3	0	0
Minimize6jqr_31291_uff_E=48.24	-5.3	0	0
Minimize6jqr_3893_uff_E=43.33	-5.3	0	0
Minimize6jqr_3893_uff_E=43.33	-5.3	0	0
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Minimize6jqr_5283349_uff_E=30.78	-5.3	0	0
Minimize6jqr_5283356_uff_E=31.31	-5.3	0	0
Minimize6jqr_572949_uff_E=155.40	-5.3	0	0
Minimize6jqr_5793_uff_E=184.96	-5.3	0	0
Minimize6jqr_61024_uff_E=69.26	-5.3	0	0
Minimize6jqr_61455_uff_E=71.55	-5.3	0	0
Minimize6jqr_62367_uff_E=1462.27	-5.3	0	0
Minimize6jqr_62453_uff_E=76.44	-5.3	0	0
Minimize6jqr_643820_uff_E=110.97	-5.3	0	0
Minimize6jqr_6549_uff_E=118.54	-5.3	0	0
Minimize6jqr_6549_uff_E=118.54	-5.3	0	0
Minimize6jqr_6549_uff_E=118.54	-5.3	0	0

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Minimize6jqr_66308_uff_E=108.31	-5.3	0	0
Minimize6jqr_66308_uff_E=108.31	-5.3	0	0
Minimize6jqr_7016057_uff_E=100.29	-5.3	0	0
Minimize6jqr_7237_uff_E=60.34	-5.3	0	0
Minimize6jqr_72919_uff_E=88.70	-5.3	0	0
Minimize6jqr_8193_uff_E=50.44	-5.3	0	0
Minimize6jqr_91753567_uff_E=131.18	-5.3	0	0
Minimize6jqr_10989_uff_E=100.88	-5.2	0	0
Minimize6jqr_11635_uff_E=56.94	-5.2	0	0
Minimize6jqr_12389_uff_E=40.62	-5.2	0	0
Minimize6jqr_12391_uff_E=44.77	-5.2	0	0
Minimize6jqr_14257_uff_E=30.71	-5.2	0	0
Minimize6jqr_15270_uff_E=54.09	-5.2	0	0
Minimize6jqr_204_uff_E=211.70	-5.2	0	0
Minimize6jqr_204_uff_E=211.70	-5.2	0	0
Minimize6jqr_25311_uff_E=44.10	-5.2	0	0
Minimize6jqr_2723872_uff_E=200.01	-5.2	0	0
Minimize6jqr_2969_uff_E=38.20	-5.2	0	0
Minimize6jqr_31253_uff_E=90.99	-5.2	0	0
Minimize6jqr_31253_uff_E=90.99	-5.2	0	0
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Minimize6jqr_33037_uff_E=127.03	-5.2	0	0
Minimize6jqr_33037_uff_E=127.03	-5.2	0	0
Minimize6jqr_3893_uff_E=43.33	-5.2	0	0
Minimize6jqr_440015_uff_E=234.86	-5.2	0	0
Minimize6jqr_520384_uff_E=1377.73	-5.2	0	0
Minimize6jqr_537338_uff_E=53.01	-5.2	0	0
Minimize6jqr_6036_uff_E=190.36	-5.2	0	0
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Minimize6jqr_6036_uff_E=190.36	-5.2	0	0
Minimize6jqr_6036_uff_E=190.36	-5.2	0	0
Minimize6jqr_61303_uff_E=48.96	-5.2	0	0
Minimize6jqr_6428995_uff_E=143.94	-5.2	0	0
Minimize6jqr_7500_uff_E=75.27	-5.2	0	0
Minimize6jqr_7504_uff_E=89.49	-5.2	0	0
Minimize6jqr_7728_uff_E=77.04	-5.2	0	0
Minimize6jqr_779_uff_E=57.51	-5.2	0	0
Minimize6jqr_779_uff_E=57.51	-5.2	0	0
Minimize6jqr_8167_uff_E=40.25	-5.2	0	0
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Minimize6jqr_13791119_uff_E=42.58	-5.1	0	0
Minimize6jqr_14257_uff_E=30.71	-5.1	0	0
Minimize6jqr_15037_uff_E=425.37	-5.1	0	0

Minimize6jqr_15448_uff_E=54.73	-5.1	0	0
Minimize6jqr_2969_uff_E=38.20	-5.1	0	0
Minimize6jqr_31244_uff_E=74.15	-5.1	0	0
Minimize6jqr_3893_uff_E=43.33	-5.1	0	0
Minimize6jqr_439990_uff_E=202.41	-5.1	0	0
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Minimize6jqr_5283345_uff_E=28.62	-5.1	0	0
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Minimize6jqr_5352438_uff_E=82.69	-5.1	0	0
Minimize6jqr_5362620_uff_E=89.00	-5.1	0	0
Minimize6jqr_54670067_uff_E=200.65	-5.1	0	0
Minimize6jqr_54670067_uff_E=200.65	-5.1	0	0
Minimize6jqr_5793_uff_E=184.96	-5.1	0	0
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Minimize6jqr_61875_uff_E=34.97	-5.1	0	0
Minimize6jqr_643779_uff_E=85.92	-5.1	0	0
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Minimize6jqr_69821_uff_E=44.67	-5.1	0	0
Minimize6jqr_7016057_uff_E=100.29	-5.1	0	0
Minimize6jqr_7144_uff_E=75.99	-5.1	0	0
Minimize6jqr_8158_uff_E=33.81	-5.1	0	0
Minimize6jqr_8163_uff_E=35.97	-5.1	0	0
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Minimize6jqr_8186_uff_E=37.29	-5.1	0	0
Minimize6jqr_8194_uff_E=41.12	-5.1	0	0
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Minimize6jqr_92987_uff_E=68.07	-5.1	0	0
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Minimize6jqr_101405_uff_E=221.95	-5	0	0
Minimize6jqr_12367_uff_E=46.00	-5	0	0
Minimize6jqr_12391_uff_E=44.77	-5	0	0
Minimize6jqr_20745_uff_E=89.81	-5	0	0
Minimize6jqr_23415_uff_E=47.80	-5	0	0
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Minimize6jqr_340_uff_E=68.24	-5	0	0
Minimize6jqr_5283345_uff_E=28.62	-5	0	0

Minimize6jqr_54670067_uff_E=200.65	-5	0	0
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Minimize6jqr_68381_uff_E=248.06	-5	0	0
Minimize6jqr_69523_uff_E=56.88	-5	0	0
Minimize6jqr_7222_uff_E=299.31	-5	0	0
Minimize6jqr_76336_uff_E=48.00	-5	0	0
Minimize6jqr_8163_uff_E=35.97	-5	0	0
Minimize6jqr_8194_uff_E=41.12	-5	0	0
Minimize6jqr_849_uff_E=61.42	-5	0	0
Minimize6jqr_8842_uff_E=114.48	-5	0	0
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Minimize6jqr_102495_uff_E=56.91	-4.9	0	0
Minimize6jqr_105510_uff_E=58.99	-4.9	0	0
Minimize6jqr_1140_uff_E=73.92	-4.9	0	0
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Minimize6jqr_16664_uff_E=46.20	-4.9	0	0
Minimize6jqr_17072_uff_E=58.00	-4.9	0	0
Minimize6jqr_22202_uff_E=49.72	-4.9	0	0
Minimize6jqr_2969_uff_E=38.20	-4.9	0	0
Minimize6jqr_379_uff_E=30.18	-4.9	0	0
Minimize6jqr_379_uff_E=30.18	-4.9	0	0
Minimize6jqr_439378_uff_E=103.52	-4.9	0	0
Minimize6jqr_439764_uff_E=167.15	-4.9	0	0
Minimize6jqr_440554_uff_E=53.08	-4.9	0	0
Minimize6jqr_5282708_uff_E=40.09	-4.9	0	0
Minimize6jqr_5317045_uff_E=31.25	-4.9	0	0
Minimize6jqr_790_uff_E=303.08	-4.9	0	0
Minimize6jqr_8186_uff_E=37.29	-4.9	0	0
Minimize6jqr_90789_uff_E=61.45	-4.9	0	0
Minimize6jqr_9862_uff_E=72.48	-4.9	0	0
Minimize6jqr_123568_uff_E=33.05	-4.8	0	0
Minimize6jqr_125409_uff_E=154.55	-4.8	0	0
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Minimize6jqr_13187_uff_E=29.23	-4.8	0	0
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Minimize6jqr_13379_uff_E=43.21	-4.8	0	0

Minimize6jqr_135191_uff_E=154.55	-4.8	0	0
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Minimize6jqr_25916_uff_E=85.84	-4.8	0	0
Minimize6jqr_289_uff_E=55.42	-4.8	0	0
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Minimize6jqr_379_uff_E=30.18	-4.8	0	0
Minimize6jqr_439195_uff_E=156.51	-4.8	0	0
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Minimize6jqr_5363388_uff_E=62.04	-4.8	0	0
Minimize6jqr_68424_uff_E=45.02	-4.8	0	0
Minimize6jqr_7937_uff_E=48.07	-4.8	0	0
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Minimize6jqr_8174_uff_E=44.04	-4.8	0	0
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Minimize6jqr_9016_uff_E=120.86	-4.8	0	0
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Minimize6jqr_20745_uff_E=89.81	-4.7	0	0
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Minimize6jqr_31289_uff_E=30.59	-4.7	0	0
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Minimize6jqr_8174_uff_E=44.04	-4.7	0	0
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Minimize6jqr_18591_uff_E=38.42	-4.6	0	0
Minimize6jqr_19309_uff_E=152.29	-4.6	0	0
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Minimize6jqr_454_uff_E=27.41	-4.6	0	0
Minimize6jqr_460_uff_E=71.31	-4.6	0	0
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Minimize6jqr_5362894_uff_E=45.24	-4.6	0	0
Minimize6jqr_5780_uff_E=161.78	-4.6	0	0
Minimize6jqr_612_uff_E=30.79	-4.6	0	0
Minimize6jqr_612_uff_E=30.79	-4.6	0	0
Minimize6jqr_7523_uff_E=73.12	-4.6	0	0
Minimize6jqr_76354_uff_E=54.65	-4.6	0	0
Minimize6jqr_7720_uff_E=63.38	-4.6	0	0
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Minimize6jqr_8141_uff_E=23.72	-4.6	0	0
Minimize6jqr_8182_uff_E=34.77	-4.6	0	0
Minimize6jqr_10976_uff_E=41.95	-4.5	0	0
Minimize6jqr_10976_uff_E=41.95	-4.5	0	0
Minimize6jqr_11594_uff_E=37.30	-4.5	0	0
Minimize6jqr_15600_uff_E=27.96	-4.5	0	0
Minimize6jqr_26332_uff_E=76.09	-4.5	0	0

Minimize6jqr_31289_uff_E=30.59	-4.5	0	0
Minimize6jqr_439230_uff_E=87.78	-4.5	0	0
Minimize6jqr_439230_uff_E=87.78	-4.5	0	0
Minimize6jqr_454_uff_E=27.41	-4.5	0	0
Minimize6jqr_460_uff_E=71.31	-4.5	0	0
Minimize6jqr_5054_uff_E=52.80	-4.5	0	0
Minimize6jqr_5318017_uff_E=37.03	-4.5	0	0
Minimize6jqr_558458_uff_E=58.30	-4.5	0	0
Minimize6jqr_579338_uff_E=243.40	-4.5	0	0
Minimize6jqr_6251_uff_E=158.46	-4.5	0	0
Minimize6jqr_69977_uff_E=2488.92	-4.5	0	0
Minimize6jqr_7976_uff_E=46.98	-4.5	0	0
Minimize6jqr_7976_uff_E=46.98	-4.5	0	0
Minimize6jqr_8141_uff_E=23.72	-4.5	0	0
Minimize6jqr_8892_uff_E=24.06	-4.5	0	0
Minimize6jqr_957_uff_E=39.46	-4.5	0	0
Minimize6jqr_957_uff_E=39.46	-4.5	0	0
Minimize6jqr_996_uff_E=48.63	-4.5	0	0
Minimize6jqr_1060_uff_E=10.03	-4.4	0	0
Minimize6jqr_1060_uff_E=10.03	-4.4	0	0
Minimize6jqr_131751152_uff_E=127.85	-4.4	0	0
Minimize6jqr_222656_uff_E=49.29	-4.4	0	0
Minimize6jqr_222656_uff_E=49.29	-4.4	0	0
Minimize6jqr_27457_uff_E=84.17	-4.4	0	0
Minimize6jqr_359_uff_E=57.06	-4.4	0	0
Minimize6jqr_40923_uff_E=51.81	-4.4	0	0
Minimize6jqr_454_uff_E=27.41	-4.4	0	0
Minimize6jqr_5283316_uff_E=18.28	-4.4	0	0
Minimize6jqr_5318042_uff_E=33.39	-4.4	0	0
Minimize6jqr_5326164_uff_E=21.29	-4.4	0	0
Minimize6jqr_5362616_uff_E=26.20	-4.4	0	0
Minimize6jqr_7362_uff_E=206.63	-4.4	0	0
Minimize6jqr_8051_uff_E=23.20	-4.4	0	0
Minimize6jqr_8051_uff_E=23.20	-4.4	0	0
Minimize6jqr_8051_uff_E=23.20	-4.4	0	0
Minimize6jqr_8129_uff_E=36.31	-4.4	0	0
Minimize6jqr_8129_uff_E=36.31	-4.4	0	0
Minimize6jqr_8129_uff_E=36.31	-4.4	0	0
Minimize6jqr_8141_uff_E=23.72	-4.4	0	0
Minimize6jqr_12020_uff_E=37.53	-4.3	0	0
Minimize6jqr_12348_uff_E=24.12	-4.3	0	0
Minimize6jqr_125468_uff_E=55.67	-4.3	0	0
Minimize6jqr_18827_uff_E=41.81	-4.3	0	0
Minimize6jqr_21057_uff_E=42.23	-4.3	0	0
Minimize6jqr_5281167_uff_E=54.03	-4.3	0	0
Minimize6jqr_5281167_uff_E=54.03	-4.3	0	0
Minimize6jqr_5460291_uff_E=107.93	-4.3	0	0

Minimize6jqr_5810_uff_E=204.76	-4.3	0	0
Minimize6jqr_5810_uff_E=204.76	-4.3	0	0
Minimize6jqr_6262_uff_E=65.83	-4.3	0	0
Minimize6jqr_643915_uff_E=191.97	-4.3	0	0
Minimize6jqr_8051_uff_E=23.20	-4.3	0	0
Minimize6jqr_8125_uff_E=21.74	-4.3	0	0
Minimize6jqr_957_uff_E=39.46	-4.3	0	0
Minimize6jqr_11583_uff_E=19.52	-4.2	0	0
Minimize6jqr_119_uff_E=35.88	-4.2	0	0
Minimize6jqr_12297_uff_E=42.09	-4.2	0	0
Minimize6jqr_22201_uff_E=54.40	-4.2	0	0
Minimize6jqr_22386_uff_E=35.20	-4.2	0	0
Minimize6jqr_31252_uff_E=49.36	-4.2	0	0
Minimize6jqr_5281167_uff_E=54.03	-4.2	0	0
Minimize6jqr_5281167_uff_E=54.03	-4.2	0	0
Minimize6jqr_5281167_uff_E=54.03	-4.2	0	0
Minimize6jqr_5281167_uff_E=54.03	-4.2	0	0
Minimize6jqr_5281168_uff_E=15.03	-4.2	0	0
Minimize6jqr_5281168_uff_E=15.03	-4.2	0	0
Minimize6jqr_5281168_uff_E=15.03	-4.2	0	0
Minimize6jqr_5281168_uff_E=15.03	-4.2	0	0
Minimize6jqr_5319754_uff_E=45.98	-4.2	0	0
Minimize6jqr_6267_uff_E=44.03	-4.2	0	0
Minimize6jqr_6267_uff_E=44.03	-4.2	0	0
Minimize6jqr_7910_uff_E=58.48	-4.2	0	0
Minimize6jqr_8130_uff_E=24.07	-4.2	0	0
Minimize6jqr_11261_uff_E=60.00	-4.1	0	0
Minimize6jqr_11261_uff_E=60.00	-4.1	0	0
Minimize6jqr_119_uff_E=35.88	-4.1	0	0
Minimize6jqr_119_uff_E=35.88	-4.1	0	0
Minimize6jqr_26331_uff_E=74.39	-4.1	0	0
Minimize6jqr_5281168_uff_E=15.03	-4.1	0	0
Minimize6jqr_5281168_uff_E=15.03	-4.1	0	0
Minimize6jqr_5460291_uff_E=107.93	-4.1	0	0
Minimize6jqr_7362_uff_E=206.63	-4.1	0	0
Minimize6jqr_7938_uff_E=49.27	-4.1	0	0
Minimize6jqr_7991_uff_E=20.17	-4.1	0	0
Minimize6jqr_7991_uff_E=20.17	-4.1	0	0
Minimize6jqr_8079_uff_E=76.19	-4.1	0	0
Minimize6jqr_8103_uff_E=33.46	-4.1	0	0
Minimize6jqr_8723_uff_E=44.54	-4.1	0	0
Minimize6jqr_8900_uff_E=17.37	-4.1	0	0
Minimize6jqr_1032_uff_E=13.70	-4	0	0
Minimize6jqr_1032_uff_E=13.70	-4	0	0
Minimize6jqr_10430_uff_E=22.33	-4	0	0
Minimize6jqr_10430_uff_E=22.33	-4	0	0
Minimize6jqr_12248_uff_E=18.05	-4	0	0

Minimize6jqr_17429_uff_E=53.74	-4	0	0
Minimize6jqr_20928_uff_E=37.20	-4	0	0
Minimize6jqr_5321950_uff_E=46.63	-4	0	0
Minimize6jqr_5364919_uff_E=50.60	-4	0	0
Minimize6jqr_5364920_uff_E=52.42	-4	0	0
Minimize6jqr_6184_uff_E=20.86	-4	0	0
Minimize6jqr_643941_uff_E=77.33	-4	0	0
Minimize6jqr_6560_uff_E=30.58	-4	0	0
Minimize6jqr_7909_uff_E=23.58	-4	0	0
Minimize6jqr_7991_uff_E=20.17	-4	0	0
Minimize6jqr_8103_uff_E=33.46	-4	0	0
Minimize6jqr_8857_uff_E=14.12	-4	0	0
Minimize6jqr_11716_uff_E=28.53	-3.9	0	0
Minimize6jqr_11716_uff_E=28.53	-3.9	0	0
Minimize6jqr_11716_uff_E=28.53	-3.9	0	0
Minimize6jqr_12178_uff_E=44.90	-3.9	0	0
Minimize6jqr_5364752_uff_E=35.37	-3.9	0	0
Minimize6jqr_11552_uff_E=23.67	-3.8	0	0
Minimize6jqr_11552_uff_E=23.67	-3.8	0	0
Minimize6jqr_20928_uff_E=37.20	-3.8	0	0
Minimize6jqr_31260_uff_E=45.55	-3.8	0	0
Minimize6jqr_6276_uff_E=29.98	-3.8	0	0
Minimize6jqr_8063_uff_E=17.60	-3.8	0	0
Minimize6jqr_8082_uff_E=48.24	-3.7	0	0
Minimize6jqr_119_uff_E=35.88	-3.6	0	0
Minimize6jqr_119_uff_E=35.88	-3.6	0	0
Minimize6jqr_176_uff_E=4.30	-3.5	0	0
Minimize6jqr_176_uff_E=4.30	-3.5	0	0
Minimize6jqr_284_uff_E=2.48	-3.1	0	0
Minimize6jqr_284_uff_E=2.48	-3.1	0	0
Minimize6jqr_305_uff_E=103.14	-3.1	0	0
Minimize6jqr_305_uff_E=103.14	-3	0	0
Minimize6jqr_6351_uff_E=1234.56	-2.5	0	0