

Supplementary material:

The full list of $J=0$ bound vibrational energy levels (in cm^{-1}) of HCaCl complex (relative to the (0,0,0) state which is 954 cm^{-1} above the minimum of the complex well) up to $\text{Ca}(^1S) + \text{HCl}(\nu'=0, j'=0)$ dissociation limit. The first 397 states (excluding (0,0,0) state) and five moderately high states ((18,11,1), (0,22,0), (28,3,2), (0,0,10) and (34,0,0)) have been assigned with three vibrational modes: the Cl-Ca stretching (n_1), the Cl-Ca-H bending (n_2) and the Ca-H stretching (n_3).

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
(0,0,0)	0.00	(0, 3, 1)	2077.08	(4, 5, 0)	2890.25	(2, 5, 1)	3421.00
(0, 1, 0)	255.86	(6, 0, 0)	2095.71	(3, 2, 1)	2894.47	(9, 1, 0)	3440.41
(1, 0, 0)	354.81	(2, 5, 0)	2129.64	(0, 10, 0)	2938.20	(3, 8, 0)	3475.34
(0, 2, 0)	517.38	(1, 2, 1)	2166.82	(5, 4, 0)	2948.07	(10,0, 0)	3477.07
(1, 1, 0)	617.18	(3, 4, 0)	2199.89	(0, 6, 1)	2965.15	(3, 4, 1)	3488.88
(2, 0, 0)	707.26	(2, 1, 1)	2252.64	(4, 1, 1)	2965.34	(2, 1, 2)	3490.97
(0, 3, 0)	789.07	(4, 3, 0)	2267.64	(6, 3, 0)	3001.26	(4, 7, 0)	3537.82
(1, 2, 0)	884.17	(0, 8, 0)	2296.39	(1, 9, 0)	3012.94	(4, 3, 1)	3553.85
(2, 1, 0)	976.29	(3, 0, 1)	2327.66	(5, 0, 1)	3023.09	(3, 0, 2)	3562.28
(3, 0, 0)	1057.42	(5, 2, 0)	2332.75	(1, 5, 1)	3041.25	(0, 12, 0)	3586.42
(0, 4, 0)	1072.34	(0, 4, 1)	2363.98	(0, 2, 2)	3042.65	(0, 8, 1)	3592.96
(1, 3, 0)	1161.00	(1, 7, 0)	2371.29	(7, 2, 0)	3049.45	(5, 6, 0)	3595.42
(2, 2, 0)	1248.95	(6, 1, 0)	2392.65	(2, 8, 0)	3083.74	(0, 4, 2)	3613.27
(0, 0, 1)	1268.18	(7, 0, 0)	2438.96	(8, 1, 0)	3090.66	(5, 2, 1)	3615.34
(3, 1, 0)	1333.28	(2, 6, 0)	2442.57	(2, 4, 1)	3115.13	(6, 5, 0)	3647.68
(0, 5, 0)	1366.51	(1, 3, 1)	2448.66	(9, 0, 0)	3127.46	(1, 11, 0)	3662.20
(4, 0, 0)	1405.40	(0, 0, 2)	2500.73	(1, 1, 2)	3131.21	(1, 7, 1)	3665.39
(1, 4, 0)	1449.34	(3, 5, 0)	2510.18	(3, 7, 0)	3150.33	(6, 1, 1)	3670.60
(2, 3, 0)	1531.24	(2, 2, 1)	2531.59	(3, 3, 1)	3186.81	(7, 4, 0)	3693.86
(0, 1, 1)	1531.61	(4, 4, 0)	2574.11	(2, 0, 2)	3210.74	(1, 3, 2)	3694.91
(3, 2, 0)	1611.83	(3, 1, 1)	2609.98	(4, 6, 0)	3212.43	(0, 0, 3)	3700.81
(1, 0, 1)	1623.67	(0, 9, 0)	2616.04	(4, 2, 1)	3255.64	(7, 0, 1)	3712.51
(0, 6, 0)	1669.90	(5, 3, 0)	2634.55	(0, 11, 0)	3261.91	(8, 3, 0)	3732.69
(4, 1, 0)	1688.26	(0, 5, 1)	2660.43	(5, 5, 0)	3269.69	(2, 10, 0)	3733.90
(1, 5, 0)	1748.50	(4, 0, 1)	2676.35	(0, 7, 1)	3276.53	(2, 6, 1)	3734.53
(5, 0, 0)	1751.39	(1, 8, 0)	2690.60	(5, 1, 1)	3318.85	(9, 2, 0)	3765.48
(0, 2, 1)	1800.05	(6, 2, 0)	2691.42	(6, 4, 0)	3321.72	(2, 2, 2)	3774.25
(2, 4, 0)	1825.09	(1, 4, 1)	2740.24	(0, 3, 2)	3323.62	(10, 1, 0)	3798.69
(1, 1, 1)	1893.21	(7, 1, 0)	2742.28	(1, 10, 0)	3337.10	(3, 5, 1)	3799.85
(3, 3, 0)	1900.01	(2, 7, 0)	2761.31	(1, 6, 1)	3350.23	(3, 9, 0)	3801.66
(4, 2, 0)	1973.01	(0, 1, 2)	2769.27	(7, 3, 0)	3367.89	(11, 0, 0)	3833.92
(2, 0, 1)	1976.80	(8, 0, 0)	2782.25	(6, 0, 1)	3368.25	(3, 1, 2)	3848.66
(0, 7, 0)	1980.48	(2, 3, 1)	2818.50	(8, 2, 0)	3407.09	(4, 4, 1)	3861.76
(5, 1, 0)	2041.34	(3, 6, 0)	2827.93	(2, 9, 0)	3408.34	(4, 8, 0)	3864.69
(1, 6, 0)	2056.58	(1, 0, 2)	2856.91	(1, 2, 2)	3409.45	(0, 13, 0)	3911.16

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
(0, 5, 2)	3911.41	(7, 2, 1)	4331.31	(9, 1, 1)	4719.92	(3, 9, 1)	5090.96
(4, 0, 2)	3911.65	(1, 1, 3)	4334.62	(3, 4, 2)	4735.76	(3, 13, 0)	5104.60
(0, 9, 1)	3913.05	(7, 6, 0)	4350.20	(9, 5, 0)	4755.46	(4, 4, 2)	5107.48
(5, 3, 1)	3919.94	(2, 4, 2)	4362.97	(10, 0, 1)	4756.24	(4, 0, 3)	5114.36
(5, 7, 0)	3922.85	(8, 1, 1)	4369.37	(3, 0, 3)	4764.39	(11, 0, 1)	5115.09
(0, 1, 3)	3972.35	(2, 8, 1)	4375.65	(3, 8, 1)	4764.72	(0, 5, 3)	5122.81
(6, 2, 1)	3973.81	(2, 12, 0)	4385.84	(3, 12, 0)	4780.17	(10, 5, 0)	5132.67
(6, 6, 0)	3975.61	(8, 5, 0)	4389.03	(4, 3, 2)	4798.81	(0, 1, 4)	5143.50
(1, 8, 1)	3984.92	(9, 0, 1)	4404.33	(10, 4, 0)	4799.83	(4, 8, 1)	5151.47
(1, 12, 0)	3987.63	(2, 0, 3)	4412.20	(0, 4, 3)	4823.67	(5, 3, 2)	5164.16
(1, 4, 2)	3988.87	(9, 4, 0)	4425.60	(4, 7, 1)	4824.85	(0, 9, 2)	5166.04
(7, 1, 1)	4020.61	(3, 3, 2)	4432.31	(4, 11, 0)	4844.64	(4, 12, 0)	5169.28
(7, 5, 0)	4022.09	(3, 7, 1)	4439.85	(0, 8, 2)	4845.72	(11, 4, 0)	5183.32
(2, 7, 1)	4053.20	(3, 11, 0)	4454.60	(11, 3, 0)	4846.52	(1, 4, 3)	5198.67
(8, 0, 1)	4057.18	(10, 3, 0)	4466.03	(5, 2, 2)	4857.93	(0, 17, 0)	5204.25
(1, 0, 3)	4057.70	(4, 2, 2)	4498.31	(0, 0, 4)	4870.76	(5, 7, 1)	5207.34
(2, 11, 0)	4060.07	(4, 6, 1)	4499.81	(5, 6, 1)	4880.35	(0, 13, 1)	5210.02
(8, 4, 2)	4061.02	(11, 2, 0)	4508.40	(0, 16, 0)	4882.44	(6, 2, 2)	5216.21
(2, 3, 2)	4064.42	(4, 10, 0)	4518.72	(0, 12, 1)	4884.78	(1, 0, 4)	5228.33
(9, 3, 0)	4095.30	(0, 7, 2)	4528.99	(12, 2, 0)	4893.46	(5, 11, 0)	5228.44
(3, 6, 1)	4117.64	(0, 3, 3)	4532.30	(1, 3, 3)	4903.33	(12, 3, 0)	5235.05
(3, 10, 0)	4128.26	(12, 1, 0)	4549.60	(5, 10, 0)	4903.87	(1, 8, 2)	5235.62
(10, 2, 0)	4131.76	(5, 5, 1)	4555.22	(6, 1, 2)	4910.39	(6, 6, 1)	5258.05
(3, 2, 2)	4137.15	(5, 1, 2)	4558.28	(1, 7, 2)	4916.01	(7, 1, 2)	5260.73
(11, 1, 0)	4169.46	(0, 15, 0)	4559.39	(6, 5, 1)	4930.76	(2, 3, 3)	5272.52
(4, 5, 1)	4178.00	(0, 11, 1)	4559.88	(7, 0, 2)	4949.76	(6, 10, 0)	5280.78
(4, 9, 0)	4191.89	(5, 9, 0)	4577.77	(6, 9, 0)	4956.85	(8, 0, 2)	5295.13
(12, 0, 0)	4203.02	(1, 6, 2)	4600.69	(1, 11, 1)	4957.29	(2, 7, 2)	5301.78
(4, 1, 2)	4204.39	(6, 0, 2)	4604.85	(1, 15, 0)	4960.92	(7, 5, 1)	5302.76
(0, 6, 2)	4217.10	(6, 4, 1)	4605.60	(7, 4, 1)	4975.26	(7, 9, 0)	5324.84
(5, 4, 1)	4234.05	(1, 2, 3)	4615.65	(2, 2, 3)	4980.47	(8, 4, 1)	5339.97
(0, 10, 1)	4235.51	(6, 8, 0)	4631.02	(2, 6, 2)	4983.17	(3, 2, 3)	5343.36
(0, 14, 0)	4235.74	(1, 10, 1)	4631.88	(7, 8, 0)	5002.03	(1, 16, 0)	5346.27
(0, 2, 3)	4248.80	(1, 14, 0)	4637.31	(8, 3, 1)	5012.55	(2, 11, 1)	5352.34
(5, 8, 0)	4250.57	(7, 3, 1)	4650.21	(2, 10, 1)	5026.13	(2, 15, 0)	5357.77
(5, 0, 2)	4259.05	(2, 5, 2)	4669.65	(2, 14, 0)	5035.00	(3, 6, 2)	5364.52
(6, 3, 1)	4285.44	(7, 7, 0)	4677.06	(8, 7, 0)	5041.48	(8, 8, 0)	5365.87
(1, 5, 2)	4291.16	(8, 2, 1)	4687.66	(9, 2, 1)	5044.62	(9, 3, 1)	5373.46
(6, 7, 0)	4303.71	(2, 1, 3)	4694.71	(3, 5, 2)	5047.07	(4, 1, 3)	5408.72
(1, 9, 1)	4307.48	(2, 9, 1)	4700.31	(3, 1, 3)	5052.70	(10, 2, 1)	5409.54
(1, 13, 0)	4312.78	(2, 13, 0)	4710.93	(10, 1, 1)	5078.63	(9, 7, 0)	5412.60
(7, 2, 1)	4331.31	(8, 6, 0)	4715.90	(9, 6, 0)	5084.53	(3, 10, 1)	5417.67

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
(0, 2, 4)	5421.38	(0, 7, 3)	5740.92	(3, 0, 4)	5936.28		6240.68
(4, 5, 2)	5423.44	(10, 3, 1)	5742.69	(3, 4, 3)	5943.96		6247.65
(3, 14, 0)	5427.60	(3, 11, 1)	5744.09	(2, 13, 1)	6004.11		6252.38
(0, 6, 3)	5428.93	(4, 6, 2)	5744.84	(4, 3, 3)	6005.98		6255.06
(11, 1, 1)	5448.10	(3, 15, 0)	5748.95		6010.92		6257.88
(5, 0, 3)	5462.30	(13, 0, 0)	5762.37		6011.19		6263.64
(10, 6, 0)	5464.28	(5, 1, 3)	5762.87		6012.02		6269.54
(5, 4, 2)	5478.21	(11, 2, 1)	5784.85		6032.48		6274.59
(4, 9, 1)	5478.66	(1, 2, 4)	5788.26		6039.89		6281.30
(12, 0, 1)	5484.08	(10, 7, 0)	5794.49		6057.64		6282.15
(0, 10, 2)	5488.87	(5, 5, 2)	5798.70		6063.96		6284.09
(4, 13, 0)	5492.30	(5, 9, 1)	5861.98		6064.90		6284.44
(1, 5, 3)	5501.56	(2, 1, 4)	5866.45		6068.13		6286.81
(1, 1, 4)	5506.08	(5, 13, 0)	5871.62		6069.08		6297.41
(11, 5, 0)	5518.62	(2, 5, 3)	5878.88		6070.35		6313.37
(0, 18, 0)	5524.68	(1, 10, 2)	5882.77		6075.71		6314.52
(6, 3, 2)	5528.59	(7, 3, 2)	5891.93		6076.82		6315.77
(5, 8, 1)	5534.82	(4, 10, 1)	5805.50		6110.81		6317.81
(0, 14, 1)	5535.08	(6, 0, 3)	5808.54		6115.27		6319.77
(5, 12, 0)	5551.12	(1, 6, 3)	5811.16		6121.35		6328.52
(1, 9, 2)	5558.23	(0, 11, 2)	5813.33		6123.14		6331.96
(2, 4, 3)	5572.01	(4, 14, 0)	5813.46		6123.18		6337.02
(7, 2, 2)	5573.24	(12, 1, 1)	5826.50		6126.31		6354.75
(12, 4, 0)	5574.56	(1, 18, 0)	5836.58		6131.52		6361.27
(2, 0, 4)	5583.48	(0, 19, 0)	5843.56		6132.61		6370.24
(6, 7, 1)	5585.78	(6, 4, 2)	5848.06		6138.72		6370.59
(6, 11, 0)	5602.37	(11, 6, 0)	5852.30		6153.06		6372.55
(1, 17, 0)	5603.93	(0, 15, 1)	5859.55		6153.71		6377.93
(1, 13, 1)	5608.85	(2, 9, 2)	5948.70		6160.75		6382.68
(8, 1, 2)	5609.69	(7, 7, 1)	5956.92		6167.84		6385.50
(2, 8, 2)	5624.12	(9, 1, 2)	5960.13		6172.34		6389.03
(7, 6, 1)	5630.30	(7, 11, 0)	5964.33		6183.15		6394.71
(3, 3, 3)	5640.00	(4, 15, 0)	5974.13		6184.25		6395.61
(9, 0, 2)	5643.08	(8, 6, 1)	5994.17		6187.36		6407.87
(7, 10, 0)	5645.53	(10, 0, 2)	5995.74		6188.21		6422.00
(8, 5, 1)	5667.50	(0, 4, 4)	5998.09		6189.67		6445.58
(2, 16, 0)	5677.88	(2, 17, 0)	5998.17		6192.09		6445.68
(3, 7, 2)	5686.35	(12, 5, 0)	5911.98		6208.43		6449.02
(8, 9, 0)	5689.12	(6, 8, 1)	5913.02		6214.18		6449.51
(9, 4, 1)	5703.07	(6, 12, 0)	5921.39		6216.34		6450.42
(4, 2, 3)	5704.46	(1, 19, 0)	5923.22		6224.69		6456.32
(0, 3, 4)	5706.04	(8, 2, 2)	5928.60		6237.66		6456.56
(9, 8, 0)	5739.45	(1, 14, 1)	5933.81		6238.83		6457.43

(n ₁ ,n ₂ ,n ₃)	Energy	(n ₁ ,n ₂ ,n ₃)	Energy	(n ₁ ,n ₂ ,n ₃)	Energy	(n ₁ ,n ₂ ,n ₃)	Energy
	6464.44		6675.20		6884.76		7089.39
	6465.87		6683.52		6892.80		7092.48
	6476.13		6685.61		6901.62		7095.98
	6498.80		6689.18		6902.21		7099.02
	6499.03		6700.69		6906.16		7101.02
	6504.95		6700.81		6911.53		7101.07
	6505.62		6707.82		6912.83		7101.38
	6507.72		6711.36		6914.95		7103.91
	6510.27		6718.21		6925.91		7115.10
	6512.76		6722.10		6927.43		7116.24
	6514.69		6722.46		6929.20		7124.54
	6515.90		6723.00		6935.21		7125.18
	6534.52		6726.02		6940.04		7126.83
	6535.63		6734.16		6944.63		7133.44
	6542.47		6739.03		6950.02		7138.60
	6551.42		6745.19		6959.78		7140.80
	6556.23		6763.43		6967.50		7146.26
	6559.33		6768.01		6967.56		7151.27
	6562.32		6775.57		6969.05		7153.19
	6562.89		6776.68		6973.43		7156.33
	6571.68		6778.61		6978.06		7156.70
	6579.19		6779.95		6981.71		7164.28
	6580.75		6789.58		6984.28		7169.31
	6580.90		6790.03		6985.24		7172.40
	6581.19		6791.50		6990.44		7178.17
	6597.27		6799.97		7003.30		7181.17
	6601.02		6812.69		7007.93		7182.25
	6603.34		6814.87		7013.48		7186.01
	6604.95		6817.39		7016.00		7196.30
	6611.14		6826.14		7018.75		7198.45
	6613.80		6826.70		7022.49		7204.12
	6619.51		6832.08		7025.43		7216.79
	6629.77		6835.83		7032.02		7217.38
	6631.29		6842.93		7039.95		7222.04
	6635.19		6845.82		7049.38		7224.55
	6644.16		6846.56		7051.03		7224.76
	6646.75		6846.90		7052.61		7231.22
	6647.32		6860.52		7057.53		7232.52
	6650.41		6862.84		7060.36		7236.15
	6651.17		6869.69		7060.89		7241.79
	6651.87		6869.76		7069.00		7242.09
	6663.75		6876.87		7075.02		7245.23
	6672.16		6881.41		7079.40		7253.26

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	7255.71		7439.31		7599.35		7781.29
	7268.63		7439.36		7610.86		7785.48
	7273.67		7444.04		7611.54		7785.92
	7284.93		7456.05		7617.36		7786.24
	7287.71		7456.10		7631.53		7787.14
	7289.96		7464.14		7638.46		7791.07
	7293.38		7475.00		7640.70		7797.34
	7293.96		7479.22		7641.74		7799.55
	7298.70		7479.31		7644.99		7803.80
	7303.46		7480.24		7648.19		7808.55
	7309.67		7482.08		7652.25		7812.93
	7313.29		7484.04		7656.64		7814.15
	7316.57		7485.13		7656.65		7815.16
	7317.83		7486.83		7665.59		7816.42
	7323.80		7490.39		7667.94		7834.06
	7326.61		7490.73		7671.56		7835.04
	7326.84		7493.86		7672.67		7836.81
	7341.53		7500.28		7677.19		7840.43
	7350.88		7510.64		7677.54		7844.81
	7351.08		7512.40		7680.95		7845.51
	7353.69		7514.68		7687.89		7845.95
	7359.80		7516.90		7689.58		7847.41
	7363.71		7519.48		7700.79		7849.97
	7366.35		7520.83		7700.97		7854.28
	7369.23		7521.59		7713.71		7856.25
	7375.26		7535.86		7717.61		7863.47
	7375.69		7540.12		7722.66		7869.12
	7383.78		7542.11		7724.13		7870.75
	7395.88		7542.53		7730.17		7873.75
	7396.03		7551.13		7736.36		7878.93
	7398.15		7556.10		7736.55		7881.93
	7398.84		7557.86		7738.72		7882.14
	7405.16		7562.64		7740.58		7884.34
	7410.39		7564.44		7741.45		7891.44
	7418.20		7565.68		7742.40		7894.96
	7418.71		7569.73		7744.50		7901.94
	7420.22		7578.21		7744.57		7904.23
	7421.28		7579.93		7750.55		7904.73
	7426.31		7585.84		7755.28		7911.64
	7430.19		7593.91		7759.17		7916.03
	7430.42		7596.78		7762.38		7920.87
	7433.39		7598.79		7779.21		7924.20
	7437.26		7599.22		7780.23		7926.06

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	7927.28		8078.74		8222.18		8368.23
	7930.67		8084.00		8224.19		8372.98
	7936.64		8091.05		8237.90		8374.01
	7939.20		8093.64		8238.52		8376.42
	7942.38		8094.48		8240.35		8377.94
	7949.45		8101.99		8242.07		8384.72
	7949.91		8103.84		8246.34		8389.80
	7952.66		8107.79		8248.73		8394.15
	7956.05		8114.08		8249.43		8395.65
	7965.61		8118.30		8251.42		8396.82
	7971.10		8120.00		8252.98		8397.50
	7976.31		8122.06		8253.92		8398.92
	7979.01		8125.70		8254.53		8400.21
	7982.88		8125.94		8263.31		8403.02
	7984.16		8126.30		8266.17		8404.17
	7987.40		8131.66		8287.91		8404.25
	7988.31		8135.13		8288.85		8407.81
	7991.14		8136.63		8291.42		8408.36
	7994.22		8140.10		8292.49		8413.74
	7997.60		8146.88		8295.88		8429.49
	8001.91		8149.01		8296.85		8433.83
	8003.27		8153.45		8300.41		8434.39
	8017.13		8156.12		8302.19		8435.11
	8017.94		8166.23		8302.27		8440.38
	8021.17		8170.19		8304.86		8440.77
	8022.64		8171.33		8305.98		8446.42
	8024.74		8174.76		8306.63		8454.77
	8027.60		8175.50		8309.31		8456.65
	8038.71		8180.86		8317.30		8459.90
	8039.52		8180.99		8321.22		8461.34
	8049.53		8189.30		8325.43		8464.00
	8049.66		8192.47		8325.51		8467.48
	8052.77		8193.82		8326.22		8470.93
	8052.91		8194.36		8328.93		8474.13
	8055.83		8195.88		8335.62		8475.20
	8058.07		8198.27		8336.16		8476.43
	8061.23		8205.38		8338.48		8478.13
	8061.69		8210.20		8346.83		8478.83
	8070.86		8210.41		8353.14		8480.33
	8070.99		8213.83		8354.66		8483.10
	8073.11		8218.06		8364.71		8485.72
	8077.00		8221.26		8367.37		8493.27

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	8500.08		8632.48		8762.28		8879.88
	8503.25		8633.57		8763.58		8882.12
	8505.10		8634.80		8765.02		8895.05
	8507.19		8636.58		8765.49		8897.75
	8510.18		8641.99		8766.68		8899.77
	8522.26		8648.97		8766.71		8905.06
	8522.58		8650.83		8771.16		8905.44
	8524.00		8653.81		8772.78		8910.22
	8527.59		8656.15		8773.96		8912.64
	8530.64		8656.57		8780.24		8915.21
	8535.31		8666.94		8786.75		8915.95
	8537.60		8672.33		8791.23		8919.43
	8539.09		8673.84		8794.17		8923.66
	8541.95		8676.23		8796.59		8924.16
	8543.49		8680.26		8801.02		8924.91
	8544.68		8680.60		8803.57		8926.66
	8545.88		8684.30		8809.29		8927.21
	8546.67		8687.28		8814.33		8927.48
	8553.28		8687.30		8814.87		8933.22
	8555.20		8687.86		8815.70		8934.78
	8562.81		8694.31		8816.47		8945.12
	8565.19		8695.05		8817.77		8947.93
	8569.68		8695.51		8819.04		8948.82
	8574.05		8703.93		8833.65		8955.17
	8575.72		8709.77		8834.79		8958.00
	8579.45		8713.74		8834.90		8959.02
	8582.63		8715.58		8837.30		8971.80
	8583.26		8716.14		8837.43		8977.12
	8586.11		8719.25		8841.83		8977.65
	8588.09		8720.92		8846.91		8978.44
	8588.86		8721.96		8847.77		8979.93
	8590.15		8722.24		8848.72		8980.63
	8606.96		8723.08		8850.35		8984.82
	8608.37		8724.03		8852.05		8985.66
	8617.34		8727.44		8857.83		8988.92
	8619.42		8733.20		8861.25		8989.57
	8622.57		8733.77		8862.34		8991.45
	8625.36		8742.19		8864.56		8994.29
	8625.67		8745.89		8866.16		8994.94
	8625.95		8752.59		8875.84		8998.84
	8628.44		8752.65		8876.55		9001.30
	8628.71		8758.89		8878.97		9005.70

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	9006.09		9126.88		9242.00		9361.85
	9009.26		9129.10		9243.28		9362.39
	9011.10		9129.50		9251.49		9362.60
	9013.63		9135.23		9258.00		9365.28
	9014.95		9135.29		9258.78		9369.02
	9020.14		9135.87		9260.80		9369.17
	9023.66		9136.00		9266.44		9373.91
	9025.25		9141.97		9266.78		9378.42
	9033.75		9143.65		9267.56		9391.41
	9035.96		9152.28		9274.17		9396.75
	9036.03		9155.88		9280.33		9396.78
	9040.17		9159.05		9281.16		9401.18
	9040.37		9162.44		9282.11		9401.92
	9041.32		9164.00		9282.86		9403.56
	9046.14		9165.08		9292.62		9403.93
	9046.23		9168.41		9293.51		9404.38
	9047.11		9168.44		9296.20		9404.81
	9058.87		9172.26		9300.19		9406.16
	9060.38		9174.09		9300.28		9408.04
	9064.70		9174.35		9303.76		9412.32
	9068.42		9176.82		9305.17		9414.41
	9069.58		9180.62		9306.27		9416.49
	9069.82		9189.19		9307.50		9416.75
	9073.02		9191.92		9308.11		9418.15
	9073.43		9192.72		9309.38		9419.33
	9074.52		9194.71		9319.44		9424.51
	9074.66		9198.57		9319.67		9427.39
	9078.87		9200.15		9321.79		9432.91
	9082.79		9202.85		9327.42		9434.21
	9083.29		9210.88		9327.58		9434.95
	9084.94		9214.00		9329.07		9437.22
	9087.60		9220.06		9329.33		9442.36
	9089.88		9222.38		9332.91		9442.86
	9090.56		9222.75		9333.36		9444.84
	9091.56		9225.37		9337.41		9446.31
	9099.20		9227.03		9337.43		9450.84
	9108.78		9229.40		9337.93		9457.75
	9110.86		9231.61		9341.43		9460.07
	9113.09		9234.36		9349.78		9463.47
	9119.39		9235.81		9355.15		9467.84
	9119.99		9238.04		9355.55		9469.25
	9120.62		9240.61		9360.31		9469.61
	9126.76		9241.79		9360.75		9470.16

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	9473.16		9586.93		9690.31		9801.95
	9476.31		9587.80		9694.35		9803.15
	9483.52		9589.22		9699.36		9804.83
	9483.84		9592.44		9701.97		9806.87
	9485.15		9599.83		9701.98		9807.04
	9486.32		9602.06		9703.54		9811.09
	9487.00		9603.76		9704.10		9811.59
	9488.00		9604.54		9706.33		9812.62
	9488.70		9606.09		9707.32		9816.68
	9492.41		9606.18		9719.90		9819.80
	9494.21		9613.07		9721.81		9821.40
	9496.07		9615.27		9726.40		9822.53
	9503.00		9616.55		9727.00		9828.02
	9503.63		9621.23		9727.73		9828.52
	9505.66		9624.82		9731.52		9830.13
	9511.42		9626.47		9735.09		9830.62
	9513.62		9628.15		9740.04		9833.22
	9516.19		9630.23		9741.59		9840.08
	9518.32		9631.85		9743.43		9842.03
	9520.27		9632.67		9744.67		9844.53
	9527.89		9633.24		9746.87		9846.71
	9531.00		9645.63		9747.56		9852.22
	9533.68		9647.72		9749.07		9855.52
	9535.96		9649.06		9751.80		9856.78
	9536.58		9650.29		9755.54		9862.72
	9541.52		9652.66		9756.81		9868.29
	9542.05		9653.70		9760.79		9869.39
	9542.78		9658.10		9761.53		9872.62
	9543.40		9658.88		9764.76		9873.31
	9549.77		9660.54		9771.05		9874.57
	9552.10		9663.18		9771.16		9875.28
	9557.27		9665.42		9772.94		9877.88
	9560.77		9665.83		9773.49		9879.48
	9560.90		9666.31		9774.66		9883.02
	9561.55		9667.22		9781.89		9883.03
	9561.90		9667.57		9782.25		9884.67
	9566.41		9667.93		9785.37		9885.01
	9568.14		9674.38		9786.72		9885.80
	9572.00		9678.44		9787.28		9887.67
	9574.32		9681.19		9795.39		9890.09
	9576.08		9682.21		9796.59		9892.04
	9582.64		9689.07		9800.55		9893.88
	9583.53		9689.16		9800.67		9894.63

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	9895.21		9997.59		10110.28		10209.77
	9898.01		9998.20		10110.35		10211.82
	9908.47		10004.97		10111.02		10212.41
	9911.84		10007.11		10116.57		10214.05
	9915.49		10007.43		10116.69		10214.05
	9917.57		10009.83		10117.97		10218.67
	9917.97		10010.89		10119.46		10220.16
	9920.28		10013.66		10120.06		10222.04
	9922.53		10015.09		10122.38		10223.06
	9923.94		10017.41		10125.69		10223.33
	9924.55		10032.43		10129.73		10223.81
	9925.80		10036.50		10130.23		10223.91
	9925.97		10037.77		10131.62		10224.08
	9927.41		10038.66		10135.98		10224.26
	9930.26		10041.49		10136.61		10230.54
	9933.67		10041.81		10145.08		10232.37
	9939.80		10042.76		10145.98		10233.07
	9940.60		10047.68		10147.85		10240.84
	9942.74		10047.91		10148.35		10242.33
	9947.31		10049.74		10152.52		10245.30
	9952.08		10050.22		10153.09		10245.90
	9956.11		10050.41		10154.39		10248.36
	9957.30		10059.10		10165.09		10253.15
	9959.17		10061.19		10165.49		10253.76
	9962.67		10063.06		10165.90		10255.79
	9968.37		10064.82		10168.69		10256.37
	9969.03		10070.59		10169.97		10258.10
	9974.20		10073.56		10171.46		10270.14
	9977.03		10075.08		10172.14		10271.51
	9978.62		10075.48		10172.79		10271.83
	9980.66		10079.81		10175.16		10273.40
	9982.23		10082.13		10176.71		10273.45
	9984.30		10089.10		10178.63		10274.50
	9984.62		10093.54		10180.30		10277.34
	9985.26		10093.68		10192.07		10281.02
	9988.04		10094.66		10195.08		10282.19
	9989.85		10097.19		10197.14		10284.66
	9991.59		10100.98		10197.40		10285.09
	9991.89		10101.07		10199.50		10286.39
	9992.73		10101.43		10203.29		10287.13
	9992.98		10102.51		10206.61		10292.60
	9994.02		10107.96		10206.74		10292.91
	9996.39		10108.15		10206.78		10294.92

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	10295.85		10395.32		10495.96		10583.14
	10298.14		10395.53		10499.96		10584.33
	10305.21		10404.64		10500.49		10586.06
	10311.96		10405.71		10502.31		10588.00
	10312.59		10408.34		10504.29		10593.25
	10314.27		10416.97		10504.90		10595.16
	10314.38		10417.64		10507.05		10596.93
	10316.93		10418.21		10508.57		10597.48
	10318.28		10420.86		10513.88		10598.44
	10318.76		10421.78		10519.47		10600.60
	10319.73		10423.09		10519.58		10600.68
	10321.25		10426.25		10524.17		10603.24
	10322.86		10428.51		10526.09		10604.75
	10323.49		10428.64		10527.11		10606.04
	10327.30		10430.95		10528.66		10606.45
	10327.45		10431.26		10530.73		10609.90
	10329.81		10431.72		10533.05		10612.12
	10335.06		10433.28		10533.06		10614.40
	10337.06		10434.48		10534.26		10615.68
	10338.18		10435.57		10535.51		10619.80
	10339.06		10439.13		10535.52		10621.32
	10339.31		10439.85		10536.82		10624.06
	10340.06		10442.32		10537.05		10624.75
	10340.60		10446.10		10542.24		10625.09
	10350.30		10447.07		10542.47		10632.54
	10352.56		10449.31		10545.02		10632.61
	10354.34		10449.55		10546.09		10634.97
	10356.98		10453.20		10548.78		10637.42
	10358.25		10454.34		10550.35		10638.42
	10362.34		10454.44		10550.74		10638.48
	10364.45		10457.83		10552.97		10638.54
	10364.83		10457.92		10553.79		10643.00
	10365.44		10462.76		10557.43		10645.47
	10367.17		10467.64		10561.25		10646.26
	10369.92		10469.67		10564.02		10647.99
	10371.72		10470.79		10564.69		10653.17
	10374.50		10476.44		10564.86		10653.59
	10374.57		10481.34		10569.18		10656.12
	10380.15		10483.91		10570.72		10658.03
	10384.50		10493.54		10573.55		10660.75
	10388.59		10494.21		10574.27		10663.75
	10389.12		10495.31		10576.02		10664.24
	10392.59		10495.76		10576.44		10666.44

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	10667.86		10763.95		10852.92		10934.18
	10669.03		10765.94		10853.02		10934.75
	10670.43		10768.10		10855.99		10938.04
	10673.81		10768.60		10856.54		10938.43
	10674.21		10770.35		10860.98		10939.34
	10674.84		10771.72		10861.37		10940.37
	10678.27		10772.99		10864.03		10942.42
	10680.53		10774.81		10864.32		10945.93
	10681.96		10779.55		10864.89		10947.06
	10683.14		10782.99		10868.41		10951.45
	10685.37		10783.41		10869.57		10952.15
	10689.21		10787.02		10872.23		10952.59
	10689.82		10788.15		10874.43		10953.56
	10691.81		10794.10		10875.84		10953.82
	10692.38		10794.47		10877.01		10956.33
	10701.07		10795.35		10880.20		10957.50
	10702.48		10795.77		10881.04		10957.93
	10707.74		10798.37		10886.45		10961.80
	10708.00		10799.84		10887.33		10964.63
	10709.09		10806.98		10888.64		10968.71
	10712.39		10807.83		10891.61		10970.36
	10713.05		10809.96		10891.64		10971.29
	10719.07		10813.50		10892.24		10973.63
	10721.54		10816.18		10895.10		10975.52
	10721.78		10816.53		10895.91		10976.02
	10723.86		10817.18		10899.02		10976.79
	10729.75		10818.89		10901.93		10977.29
	10729.93		10819.68		10903.99		10978.87
	10730.79		10820.67		10905.25		10980.52
	10731.28		10821.98		10906.34		10985.86
	10732.80		10822.55		10909.52		10986.22
	10735.62		10822.57		10912.53		10987.51
	10736.76		10826.95		10914.22		10989.25
	10737.84		10827.83		10916.37		10997.71
	10738.74		10828.50		10916.88		10999.95
	10739.49		10835.03		10920.59		11002.12
	10742.97		10835.31		10921.00		11004.83
	10750.78		10835.67		10923.45		11010.22
	10752.27		10840.42		10925.52		11011.68
	10756.14		10840.55		10926.91		11014.96
	10756.77		10843.03		10928.33		11015.35
	10758.22		10847.57		10930.01		11017.33
	10761.02		10851.13		10932.27		11017.81

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	11020.74		11106.67		11186.39		11265.59
	11021.08		11106.94		11186.86		11268.62
	11022.01		11108.82		11190.03		11270.20
	11024.82		11109.50		11191.85		11271.18
	11026.02		11111.49		11192.79		11273.58
	11027.20		11112.81		11194.28		11274.12
	11028.69		11114.08		11195.35		11274.62
	11028.90		11115.79		11196.94		11277.15
	11030.22		11118.63		11197.77		11278.29
	11030.69		11118.67		11202.16		11280.36
	11031.67		11118.95		11202.50		11284.22
	11034.72		11121.65		11203.08		11285.01
	11036.74		11121.70		11209.51		11286.30
	11040.98		11122.22		11211.43		11286.49
	11041.25		11123.69		11213.30		11286.81
	11041.85		11131.97		11218.66	(0,0,10)	11288.25
	11042.00		11132.55		11219.82		11289.89
	11043.53		11132.88		11221.68		11292.32
	11044.08		11134.19		11221.71		11292.56
	11044.99		11134.32		11225.20		11295.35
	11047.35		11136.71		11226.97		11296.49
	11048.34		11138.42		11228.09		11299.14
	11052.41		11142.12		11230.62		11306.10
	11054.74		11143.60		11231.71		11306.17
	11057.17		11145.27		11233.37		11309.56
	11058.34		11154.09		11233.82		11310.42
	11069.00		11157.54		11238.97		11311.86
	11070.19		11162.13		11240.20		11312.43
	11073.55		11164.59		11240.70		11313.89
	11079.98		11166.93		11242.27		11317.24
	11080.61		11170.18		11245.76		11317.30
	11082.07		11171.72		11247.35		11318.41
	11087.12		11172.98		11248.86		11320.59
	11087.13		11175.20		11248.90		11322.01
	11088.03		11176.39		11251.79		11326.47
	11091.73		11177.18		11252.90		11326.65
	11091.91		11177.91		11253.43		11328.90
	11093.39		11179.78		11254.86		11329.55
	11100.50		11181.48	(18,11,1)	11256.39		11329.85
	11104.78		11181.55	(0,22,0)	11256.59		11331.26
	11105.07		11182.32	(28,3,2)	11257.15		11332.61
	11105.30		11183.54		11258.31		11333.49
	11105.44		11184.82		11264.46		11336.04

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	11340.29		11419.00		11503.36		11575.60
	11341.43		11428.22		11506.55		11577.97
	11347.91		11428.29		11507.97		11579.68
	11348.32		11431.19		11510.23		11583.64
	11349.18		11431.52		11510.73		11583.73
	11352.47		11435.71		11511.66		11584.50
	11352.67		11435.79		11512.80		11588.27
	11353.73		11436.01		11517.90		11591.86
	11355.12		11437.18		11519.39		11591.89
	11355.98		11440.77		11521.79		11594.93
	11359.17		11442.24		11522.43		11595.52
	11359.88		11442.95		11523.86		11598.92
	11361.02		11444.18		11524.35		11599.89
	11364.24		11444.69		11525.06		11602.03
	11365.67		11453.30		11526.10		11603.22
	11367.19		11453.74		11527.51		11604.60
	11371.79		11454.55		11528.17		11608.45
	11373.20		11455.15		11530.44		11612.41
	11374.07		11459.20		11530.98		11613.68
	11374.83		11462.57		11539.98		11614.03
	11378.85		11464.67		11542.22		11614.17
	11378.97		11467.37		11542.29		11618.74
	11380.55		11467.91		11543.00		11620.55
	11384.00		11469.62		11543.96		11622.07
	11389.49		11469.67		11544.37		11623.74
	11390.55		11470.64		11547.40		11624.41
	11390.62		11471.50		11548.39		11624.54
	11391.13		11471.96		11550.68		11626.60
	11392.35		11474.40		11553.51		11627.29
	11395.85		11474.58		11555.65		11628.83
	11399.92		11476.01		11557.92		11629.41
	11400.39		11481.28		11559.45		11630.82
	11402.16		11485.21		11563.52		11632.59
	11403.16		11488.67		11564.70		11633.23
	11406.33		11491.86		11564.81		11634.84
	11408.30		11492.02		11565.37		11634.96
	11409.69		11492.89		11565.52		11637.11
	11410.28		11496.67		11565.87		11637.21
	11411.67		11499.32		11569.05		11638.62
	11412.77		11499.56		11571.15		11640.58
	11413.84		11501.61		11572.34		11648.70
	11415.75		11501.79		11572.70		11649.52
	11416.62		11502.04		11575.27		11652.09

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	11654.13		11728.37		11804.36		11881.53
	11657.29		11729.65		11804.46		11883.57
	11659.75		11732.20		11804.59		11884.26
	11661.42		11734.11		11805.03		11884.93
	11662.00		11734.46		11806.74		11885.03
	11664.20		11734.83		11808.21		11885.12
	11664.73		11736.20		11812.57		11887.97
	11665.42		11736.27		11812.76		11888.16
	11665.65		11736.94		11816.01		11888.34
	11670.98		11738.61		11816.25		11892.99
	11671.24		11739.18		11816.59		11893.94
	11672.45		11744.28		11820.10		11894.02
	11674.76		11745.43		11820.45		11894.74
	11676.11		11747.39		11824.19		11895.43
	11677.40		11747.63		11828.14		11896.68
	11677.84		11753.82		11829.36		11897.13
	11679.45		11754.00		11829.66		11898.64
	11680.89		11754.01		11831.21		11899.48
	11681.16		11755.51		11831.59		11899.98
	11681.69		11755.78		11832.32		11903.13
	11684.60		11757.61		11832.55		11905.18
	11686.65		11764.94		11837.15		11907.18
	11688.14		11768.79		11837.88		11909.63
	11689.81		11769.64		11839.92		11912.57
	11690.73		11770.44		11840.57		11918.91
	11691.71		11772.01		11840.99		11919.76
	11697.73		11772.08		11845.30		11919.97
	11699.27		11773.09		11845.67		11922.14
	11699.82		11773.95		11848.15		11922.38
	11701.75		11776.41		11848.94		11922.39
	11702.02		11779.29		11850.17		11926.05
	11702.60		11782.03		11850.73		11927.84
	11703.78		11784.07		11854.65		11934.68
	11704.53		11784.37		11857.80		11936.18
	11708.66		11785.33		11861.98		11936.66
	11712.42		11786.98		11862.60		11940.26
	11713.51		11788.82		11863.09		11941.28
	11717.92		11791.94		11871.11		11941.53
	11720.05		11793.93		11872.61		11942.83
	11720.60		11795.51		11875.62		11943.23
	11721.49		11797.35		11877.34		11944.68
	11727.29		11797.43		11878.77		11946.29
	11727.90		11799.97		11881.41		11947.21

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	11949.08		12012.84		12082.91		12155.96
	11950.30		12013.10		12086.29		12159.59
	11954.55		12020.30		12088.87		12163.29
	11954.98		12022.49		12089.03		12165.80
	11955.51		12023.20		12090.18		12170.23
	11958.47		12026.83		12090.24		12171.30
	11959.16		12027.11		12090.29		12172.04
	11962.48		12030.13		12091.36		12172.15
	11966.74		12034.57		12092.01		12173.30
	11966.86		12034.67		12092.88		12177.93
	11966.99		12035.84		12096.76		12179.30
	11967.89		12038.69		12096.99		12179.46
	11968.74		12041.33		12098.35		12180.46
	11970.21	(34,0,0)	12041.51		12101.37		12185.01
	11972.02		12041.69		12103.46		12185.05
	11973.93		12043.80		12106.20		12185.28
	11974.18		12044.87		12106.42		12187.65
	11978.81		12047.54		12113.57		12188.42
	11979.54		12048.27		12114.45		12191.44
	11981.17		12049.47		12114.74		12193.44
	11983.36		12050.56		12120.19		12193.78
	11983.59		12054.06		12120.96		12193.92
	11985.95		12057.13		12121.97		12195.36
	11986.69		12058.62		12123.47		12195.80
	11986.91		12061.58		12124.52		12196.26
	11991.48		12063.80		12127.54		12196.62
	11991.92		12064.67		12131.55		12197.18
	11992.10		12065.92		12133.99		12199.25
	11992.72		12066.55		12134.63		12200.50
	11993.53		12068.36		12134.64		12200.76
	11993.67		12070.03		12135.74		12201.37
	11994.68		12070.30		12137.17		12204.66
	11995.23		12070.34		12138.58		12207.14
	11999.87		12071.47		12138.78		12208.84
	12000.35		12072.24		12139.85		12209.23
	12001.94		12073.27		12141.50		12209.93
	12004.81		12073.67		12145.78		12212.98
	12007.41		12075.71		12147.14		12213.35
	12008.20		12078.25		12147.74		12213.45
	12009.72		12080.21		12150.60		12214.04
	12010.09		12080.73		12151.73		12216.24
	12010.50		12081.98		12153.24		12216.49
	12012.81		12082.74		12155.66		12220.89

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	12225.10		12298.20		12359.41		12421.97
	12225.99		12300.70		12361.65		12423.19
	12233.44		12304.31		12364.28		12423.31
	12235.38		12305.07		12367.79		12424.43
	12236.19		12305.12		12374.11		12425.29
	12240.66		12306.93		12374.32		12429.75
	12245.27		12307.42		12375.54		12430.27
	12248.04		12307.71		12376.04		12430.74
	12248.74		12310.86		12379.47		12430.92
	12250.83		12311.63		12380.18		12431.13
	12251.64		12313.31		12380.49		12435.60
	12251.91		12314.67		12381.18		12437.86
	12254.04		12315.46		12382.39		12439.82
	12254.14		12316.96		12384.24		12441.61
	12254.20		12317.58		12384.62		12442.18
	12254.89		12321.55		12384.91		12445.73
	12255.75		12321.57		12386.15		12446.07
	12255.97		12322.05		12386.50		12447.19
	12258.57		12322.80		12388.62		12448.45
	12259.83		12323.44		12389.05		12448.72
	12260.45		12326.39		12389.92		12455.39
	12261.25		12327.98		12391.17		12456.69
	12264.03		12329.84		12391.18		12460.40
	12264.39		12330.30		12392.12		12460.54
	12266.93		12330.64		12392.56		12464.42
	12268.83		12331.36		12395.01		12464.67
	12269.25		12331.44		12397.24		12465.75
	12269.57		12333.84		12400.70		12467.82
	12269.90		12336.72		12400.99		12468.91
	12272.12		12337.04		12404.46		12469.88
	12273.27		12343.62		12404.89		12470.52
	12273.52		12347.11		12405.25		12472.75
	12278.97		12347.69		12405.64		12476.42
	12279.84		12347.84		12409.12		12478.61
	12281.70		12348.73		12411.36		12481.18
	12281.93		12348.94		12411.98		12486.32
	12287.60		12352.61		12414.20		12488.65
	12287.84		12352.73		12415.03		12491.23
	12290.79		12353.45		12415.74		12491.27
	12291.95		12355.71		12416.41		12493.48
	12293.98		12357.10		12420.28		12497.30
	12294.93		12358.03		12421.01		12497.47
	12295.23		12358.71		12421.36		12499.51

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	12501.24		12562.29		12627.14		12691.99
	12501.38		12564.94		12627.94		12693.50
	12501.42		12565.16		12629.27		12693.59
	12504.78		12565.92		12629.39		12693.68
	12505.66		12565.99		12629.76		12695.87
	12505.69		12566.79		12630.19		12696.31
	12506.03		12569.31		12631.88		12697.68
	12508.35		12569.53		12632.02		12698.61
	12508.62		12569.82		12632.20		12699.14
	12508.99		12574.08		12633.52		12699.31
	12509.45		12577.81		12636.46		12700.83
	12509.78		12577.94		12638.80		12701.19
	12511.07		12583.80		12640.09		12702.09
	12513.16		12584.12		12641.12		12702.44
	12513.27		12584.17		12641.13		12706.67
	12515.17		12586.40		12641.20		12708.58
	12516.30		12588.96		12642.73		12708.98
	12516.80		12589.54		12643.68		12709.64
	12519.44		12590.03		12644.01		12711.13
	12525.63		12590.59		12644.50		12713.84
	12527.10		12592.08		12645.26		12716.85
	12527.15		12594.82		12649.67		12717.76
	12527.36		12597.77		12650.97		12717.90
	12528.29		12602.40		12652.65		12718.72
	12530.47		12602.48		12653.20		12719.24
	12531.51		12602.54		12656.12		12719.77
	12532.21		12603.15		12658.28		12719.96
	12534.01		12603.88		12660.75		12722.73
	12534.95		12605.64		12660.84		12723.65
	12535.51		12606.43		12665.38		12731.46
	12535.63		12608.16		12665.62		12733.83
	12537.39		12612.38		12667.76		12734.30
	12538.51		12612.56		12669.02		12734.67
	12541.60		12612.69		12670.22		12735.61
	12543.15		12614.78		12673.13		12736.23
	12550.89		12616.82		12673.47		12737.76
	12554.40		12619.48		12677.02		12738.03
	12555.31		12620.94		12679.27		12739.19
	12555.85		12623.86		12681.26		12740.96
	12558.57		12624.04		12683.10		12740.97
	12559.83		12624.52		12687.87		12741.98
	12560.15		12626.00		12689.03		12744.22
	12560.54		12626.18		12690.88		12744.57

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	12745.05		12813.92		12872.93		12935.96
	12747.99		12814.41		12874.60		12936.50
	12751.76		12816.26		12876.66		12940.37
	12753.67		12818.44		12877.36		12940.82
	12754.72		12818.90		12882.57		12941.75
	12754.89		12820.27		12882.97		12943.79
	12755.15		12820.98		12884.05		12948.61
	12756.22		12825.06		12884.77		12948.91
	12756.44		12827.10		12887.11		12949.24
	12756.64		12827.11		12889.89		12952.06
	12756.72		12827.99		12893.27		12955.20
	12756.83		12829.98		12893.74		12957.67
	12757.51		12830.05		12894.54		12958.63
	12764.35		12834.78		12895.06		12960.71
	12765.31		12835.88		12895.58		12962.07
	12765.53		12837.25		12896.98		12962.66
	12768.05		12837.62		12897.23		12963.72
	12769.82		12838.94		12897.24		12964.09
	12770.02		12840.71		12897.61		12965.13
	12771.46		12842.74		12901.55		12966.02
	12772.85		12843.75		12901.87		12967.14
	12774.36		12845.08		12902.62		12968.58
	12782.65		12845.67		12903.71		12968.82
	12783.83		12847.66		12907.76		12971.94
	12784.12		12847.81		12909.56		12972.66
	12785.21		12848.00		12909.59		12975.66
	12788.15		12848.03		12910.58		12976.34
	12789.96		12848.42		12915.61		12977.67
	12790.50		12852.98		12915.73		12978.87
	12791.00		12853.46		12916.36		12981.76
	12792.27		12853.68		12916.78		12982.11
	12794.39		12860.18		12917.82		12982.20
	12795.45		12860.39		12919.59		12984.28
	12796.41		12863.49		12920.28		12984.55
	12799.98		12863.98		12922.31		12984.75
	12800.95		12865.09		12922.42		12987.16
	12805.00		12865.32		12923.93		12988.61
	12805.82		12866.59		12926.19		12988.85
	12806.55		12867.63		12928.22		12988.99
	12806.79		12867.69		12931.97		12992.18
	12808.63		12869.28		12935.24		12992.62
	12810.50		12870.08		12935.31		12993.47
	12811.71		12872.73		12935.56		12996.48

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	12997.99		13062.21		13108.91		13175.35
	12998.45		13064.23		13108.92		13175.79
	13000.74		13064.75		13109.77		13176.95
	13000.90		13065.99		13111.54		13177.76
	13002.74		13068.63		13113.93		13178.40
	13002.80		13069.59		13119.46		13178.87
	13004.15		13070.94		13120.74		13179.06
	13005.25		13072.73		13121.88		13180.15
	13007.40		13072.83		13122.35		13180.47
	13008.35		13072.99		13124.57		13181.73
	13008.76		13074.78		13125.30		13181.83
	13008.90		13077.18		13126.27		13185.17
	13010.83		13078.42		13127.79		13187.34
	13015.48		13079.01		13129.61		13189.56
	13015.95		13079.11		13133.44		13190.06
	13017.14		13079.53		13137.34		13192.25
	13017.34		13079.90		13139.89		13193.34
	13017.94		13080.35		13140.92		13194.06
	13018.69		13080.46		13141.23		13195.31
	13018.82		13081.81		13142.00		13202.43
	13020.79		13082.62		13142.60		13206.39
	13023.83		13084.13		13148.66		13207.36
	13024.00		13085.83		13152.10		13207.98
	13026.73		13085.91		13153.26		13208.39
	13028.06		13086.26		13155.11		13209.42
	13029.34		13088.18		13157.48		13210.99
	13033.63		13090.45		13158.09		13211.25
	13035.18		13091.29		13158.44		13212.23
	13035.19		13091.33		13159.40		13213.80
	13037.40		13092.77		13159.68		13215.09
	13038.18		13094.90		13161.49		13215.64
	13038.92		13094.92		13161.70		13216.41
	13039.56		13095.09		13161.99		13217.72
	13040.24		13096.23		13162.21		13217.78
	13041.99		13096.45		13162.74		13220.94
	13042.86		13099.61		13163.28		13223.47
	13048.56		13102.54		13164.77		13223.85
	13049.55		13102.74		13165.03		13225.88
	13050.19		13104.24		13167.40		13226.22
	13051.29		13104.32		13169.86		13227.88
	13054.92		13106.31		13172.52		13228.08
	13055.58		13108.33		13172.65		13232.32
	13060.95		13108.38		13173.52		13232.59

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	13232.72		13293.19		13345.94		13404.46
	13235.36		13293.63		13350.22		13406.64
	13238.81		13294.63		13352.30		13408.33
	13239.55		13294.89		13357.28		13408.72
	13241.31		13295.01		13358.19		13410.51
	13241.93		13298.16		13358.35		13411.57
	13243.10		13299.58		13358.97		13414.42
	13244.57		13299.67		13359.59		13415.69
	13245.14		13300.84		13360.93		13416.80
	13245.65		13303.71		13364.73		13416.87
	13245.70		13304.18		13366.93		13418.27
	13245.81		13307.07		13366.99		13420.70
	13247.20		13308.97		13368.34		13422.05
	13252.02		13310.11		13369.10		13422.28
	13252.52		13310.53		13371.10		13423.24
	13252.52		13310.92		13371.49		13425.17
	13253.48		13311.71		13373.16		13425.93
	13255.32		13311.97		13373.67		13425.94
	13256.15		13316.36		13375.52		13429.47
	13256.51		13318.16		13376.37		13429.80
	13259.77		13318.33		13376.46		13431.10
	13263.74		13320.18		13377.25		13432.64
	13265.27		13320.25		13379.29		13433.23
	13266.15		13327.90		13380.22		13433.47
	13266.71		13328.09		13381.46		13433.60
	13267.60		13328.26		13382.23		13434.69
	13271.67		13328.58		13382.75		13439.72
	13272.09		13329.62		13385.02		13440.90
	13273.19		13330.59		13385.88		13441.40
	13274.98		13334.11		13386.64		13441.76
	13276.85		13334.13		13386.65		13442.65
	13279.01		13334.19		13388.88		13442.74
	13279.91		13334.27		13389.61		13443.90
	13282.95		13334.31		13390.08		13444.06
	13283.12		13336.96		13390.79		13444.76
	13286.84		13337.60		13393.00		13446.52
	13287.39		13337.67		13395.74		13449.10
	13288.53		13337.77		13399.07		13449.39
	13289.82		13338.80		13401.28		13450.41
	13289.88		13340.16		13401.82		13450.92
	13291.09		13341.29		13402.10		13453.12
	13291.74		13344.87		13402.18		13454.17
	13293.14		13345.43		13404.26		13454.31

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	13455.80		13521.39		13569.95		13630.86
	13456.62		13521.73		13571.41		13631.39
	13459.06		13521.90		13571.59		13631.83
	13465.01		13523.05		13574.51		13633.02
	13467.47		13523.31		13578.44		13633.96
	13468.72		13523.80		13579.14		13636.55
	13470.33		13523.94		13585.13		13637.16
	13471.75		13524.70		13585.21		13637.45
	13474.24		13525.31		13585.96		13639.10
	13474.76		13526.66		13586.39		13639.44
	13475.98		13529.25		13588.00		13639.63
	13478.51		13530.74		13588.21		13641.00
	13479.09		13533.78		13588.91		13645.69
	13479.83		13534.14		13590.38		13646.28
	13480.15		13534.25		13592.77		13647.35
	13480.25		13534.50		13592.91		13648.22
	13480.36		13537.31		13593.64		13648.40
	13482.38		13538.36		13594.82		13650.58
	13483.56		13540.40		13595.53		13652.06
	13486.06		13541.31		13598.97		13655.28
	13486.24		13542.55		13599.94		13655.61
	13487.54		13544.44		13601.05		13656.43
	13487.70		13545.44		13603.33		13656.59
	13490.26		13545.87		13604.49		13657.60
	13491.04		13545.91		13607.21		13658.51
	13491.30		13548.37		13608.84		13663.81
	13493.82		13553.77		13609.65		13663.90
	13495.29		13554.60		13612.17		13664.93
	13497.06		13554.67		13613.33		13665.23
	13497.36		13555.77		13613.34		13665.28
	13498.94		13558.18		13613.54		13665.61
	13503.07		13561.78		13616.21		13666.18
	13503.07		13563.27		13616.94		13667.47
	13504.81		13563.81		13619.03		13669.22
	13505.44		13564.27		13620.87		13669.58
	13506.55		13565.28		13621.13		13670.58
	13507.72		13565.40		13621.28		13671.81
	13508.93		13566.17		13621.47		13672.31
	13511.76		13566.50		13622.37		13672.95
	13513.83		13567.61		13622.47		13675.32
	13519.94		13567.95		13622.86		13676.70
	13520.04		13568.23		13626.82		13679.36
	13520.36		13568.62		13628.67		13680.12

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	13680.34		13738.45		13791.98		13846.19
	13681.90		13738.58		13792.17		13846.29
	13682.59		13739.20		13794.34		13846.58
	13683.52		13741.08		13794.36		13847.22
	13684.53		13741.15		13795.33		13847.71
	13685.78		13741.93		13795.36		13849.03
	13688.47		13745.49		13800.97		13852.17
	13689.63		13746.96		13801.26		13853.94
	13690.12		13747.76		13801.41		13854.48
	13690.53		13750.27		13801.51		13855.38
	13691.79		13752.01		13803.41		13856.80
	13692.17		13752.82		13804.18		13857.68
	13692.93		13752.83		13804.29		13858.86
	13699.74		13753.00		13805.64		13860.37
	13701.26		13753.90		13806.54		13860.46
	13701.29		13754.62		13808.16		13862.60
	13702.21		13755.22		13809.25		13866.53
	13702.53		13756.49		13809.32		13867.17
	13703.07		13758.01		13810.42		13867.31
	13705.80		13760.15		13811.55		13867.53
	13706.74		13761.93		13813.75		13868.15
	13708.09		13762.22		13814.07		13869.70
	13708.37		13762.49		13815.00		13872.68
	13711.62		13764.05		13817.78		13873.56
	13712.74		13765.04		13821.23		13874.35
	13714.79		13766.68		13821.58		13874.82
	13714.98		13767.96		13822.95		13875.63
	13716.90		13770.50		13823.91		13876.28
	13719.49		13770.62		13824.07		13879.42
	13719.53		13771.41		13824.39		13879.53
	13719.82		13771.49		13824.47		13881.97
	13721.54		13774.58		13825.69		13884.08
	13722.79		13775.22		13826.48		13884.45
	13723.31		13779.20		13830.31		13886.44
	13725.06		13780.68		13831.99		13888.61
	13726.66		13781.24		13832.59		13888.94
	13727.37		13783.44		13834.88		13889.93
	13728.75		13783.92		13836.29		13890.59
	13729.49		13785.48		13836.60		13892.50
	13729.96		13786.12		13838.96		13893.36
	13731.40		13787.01		13842.94		13893.42
	13733.36		13787.73		13843.32		13893.46
	13736.67		13787.86		13844.29		13895.38

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	13897.08		13946.73		14001.11		14051.80
	13897.93		13949.34		14004.14		14053.77
	13899.50		13950.54		14007.42		14055.10
	13901.11		13952.29		14007.48		14055.70
	13902.84		13952.49		14010.18		14056.27
	13905.27		13953.28		14011.58		14058.08
	13905.71		13953.74		14012.45		14060.58
	13906.61		13954.55		14013.49		14061.16
	13908.46		13957.96		14014.49		14065.89
	13909.32		13959.40		14014.80		14067.59
	13909.78		13959.45		14015.90		14068.89
	13911.62		13961.13		14016.51		14069.11
	13911.69		13961.60		14017.16		14070.23
	13911.76		13962.56		14019.93		14070.31
	13913.39		13963.66		14020.22		14070.39
	13913.98		13967.17		14020.44		14072.12
	13916.17		13967.63		14021.39		14073.25
	13916.95		13967.72		14021.85		14074.81
	13917.25		13968.66		14022.88		14075.53
	13918.71		13969.22		14023.14		14079.95
	13919.58		13970.31		14024.36		14080.30
	13920.18		13971.87		14025.37		14080.33
	13920.83		13973.34		14025.58		14082.63
	13922.15		13974.16		14028.71		14082.63
	13923.54		13977.99		14029.21		14083.11
	13924.80		13980.19		14030.09		14084.69
	13925.11		13981.48		14033.97		14084.91
	13925.42		13982.40		14034.30		14086.05
	13926.12		13982.65		14034.55		14087.30
	13926.59		13982.87		14034.90		14088.91
	13927.34		13986.26		14036.39		14090.55
	13927.77		13986.84		14036.64		14093.22
	13928.19		13989.96		14036.78		14094.58
	13929.15		13992.51		14037.42		14095.22
	13929.91		13993.64		14038.80		14095.41
	13930.31		13994.36		14039.79		14095.83
	13933.95		13994.84		14039.98		14097.34
	13935.60		13995.19		14040.21		14098.97
	13938.11		13996.47		14043.46		14100.49
	13941.67		13998.78		14044.50		14100.70
	13941.98		13999.46		14046.54		14105.42
	13942.31		13999.72		14049.41		14105.84
	13945.69		14000.84		14050.60		14106.39

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	14106.55		14150.96		14205.70		14249.83
	14106.59		14153.55		14206.83		14250.32
	14107.09		14155.37		14206.85		14256.23
	14108.06		14156.97		14207.84		14258.29
	14112.48		14157.01		14209.05		14260.11
	14113.85		14158.72		14209.94		14261.02
	14114.81		14159.18		14210.04		14261.83
	14116.05		14159.21		14213.42		14263.28
	14116.51		14161.94		14213.53		14263.49
	14117.59		14162.95		14214.72		14265.35
	14118.02		14163.32		14216.63		14265.53
	14119.06		14165.69		14216.80		14266.74
	14119.62		14167.04		14217.48		14268.03
	14120.93		14167.22		14217.65		14268.88
	14121.21		14168.26		14218.58		14269.57
	14121.37		14169.89		14218.75		14270.14
	14121.49		14170.12		14219.24		14272.22
	14122.10		14170.20		14219.87		14273.71
	14122.44		14173.06		14221.18		14274.21
	14122.93		14177.06		14222.08		14276.39
	14123.22		14178.18		14222.23		14277.07
	14123.61		14179.05		14225.06		14281.96
	14124.86		14179.56		14226.59		14282.44
	14125.34		14179.61		14226.98		14283.24
	14128.15		14180.43		14228.43		14284.40
	14128.31		14181.13		14228.49		14285.28
	14128.61		14181.92		14228.70		14288.31
	14128.74		14182.40		14229.21		14288.42
	14128.87		14185.12		14230.76		14288.59
	14129.93		14186.64		14234.01		14293.13
	14133.43		14187.86		14237.11		14293.31
	14134.97		14188.29		14237.59		14293.82
	14136.05		14188.97		14237.78		14294.07
	14137.58		14189.84		14238.83		14295.24
	14137.87		14189.94		14239.15		14296.18
	14139.52		14190.18		14240.13		14296.51
	14143.41		14190.81		14241.66		14297.43
	14144.60		14192.78		14241.85		14298.36
	14145.28		14199.31		14241.91		14301.31
	14145.42		14199.47		14242.78		14301.47
	14146.63		14199.69		14244.98		14302.76
	14147.12		14203.42		14245.91		14304.60
	14147.65		14205.27		14248.22		14304.85

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	14304.94		14354.02		14406.71		14447.03
	14306.58		14354.63		14407.72		14447.38
	14306.98		14355.58		14410.19		14448.24
	14307.36		14356.63		14410.50		14449.12
	14307.91		14360.17		14411.48		14449.57
	14308.07		14362.90		14412.23		14449.99
	14308.33		14363.38		14412.93		14451.90
	14309.19		14363.95		14413.52		14451.97
	14311.41		14364.61		14416.86		14456.27
	14314.87		14365.21		14417.08		14457.62
	14314.98		14365.31		14417.12		14458.27
	14316.35		14367.84		14417.53		14458.39
	14317.42		14370.48		14417.70		14458.84
	14319.72		14370.53		14421.69		14459.37
	14320.92		14372.48		14421.83		14465.87
	14321.38		14372.73		14423.03		14467.28
	14321.61		14373.56		14423.50		14467.30
	14323.27		14374.24		14424.10		14467.85
	14323.70		14374.82		14424.26		14467.88
	14324.22		14375.15		14425.35		14469.22
	14325.16		14377.04		14425.75		14469.59
	14326.50		14377.78		14426.83		14470.33
	14326.71		14379.55		14427.51		14471.26
	14330.45		14380.93		14428.55		14474.49
	14331.85		14382.72		14429.47		14475.28
	14332.57		14382.86		14429.88		14475.56
	14332.70		14383.31		14430.41		14477.04
	14333.07		14384.54		14432.88		14477.48
	14333.78		14385.29		14433.39		14477.59
	14335.34		14387.11		14433.80		14477.70
	14336.35		14390.70		14435.13		14479.34
	14337.02		14394.79		14437.72		14479.34
	14337.32		14395.03		14437.78		14480.58
	14343.55		14396.14		14438.63		14483.25
	14345.25		14396.31		14440.50		14485.86
	14345.30		14398.01		14440.63		14486.51
	14346.71		14398.93		14441.34		14486.52
	14349.47		14400.56		14443.76		14486.71
	14350.51		14401.06		14444.20		14487.64
	14352.46		14401.20		14444.46		14487.81
	14353.64		14402.53		14444.94		14489.13
	14353.85		14405.66		14445.56		14490.96
	14353.85		14406.23		14445.78		14492.33

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	14494.29		14545.81		14597.86		14641.29
	14495.84		14546.54		14598.07		14641.76
	14497.08		14547.19		14599.52		14642.39
	14498.19		14547.51		14599.63		14645.05
	14499.46		14548.96		14600.29		14647.35
	14501.47		14549.04		14603.91		14647.38
	14503.91		14549.44		14604.90		14647.83
	14504.75		14549.50		14607.09		14649.85
	14505.36		14550.32		14607.42		14650.62
	14506.89		14550.68		14609.37		14652.64
	14507.22		14551.06		14609.96		14654.69
	14507.80		14552.63		14610.48		14655.71
	14508.37		14553.84		14611.44		14657.84
	14509.82		14555.97		14611.55		14658.29
	14510.70		14558.18		14612.82		14659.65
	14511.06		14558.93		14613.35		14659.73
	14513.17		14560.31		14614.34		14660.20
	14515.72		14561.53		14615.70		14660.37
	14517.13		14563.43		14616.28		14662.40
	14519.19		14563.46		14616.66		14662.97
	14519.47		14564.98		14617.85		14663.22
	14519.85		14565.00		14618.26		14663.27
	14521.43		14567.69		14618.29		14666.54
	14521.93		14569.47		14620.40		14666.66
	14524.92		14572.78		14622.58		14667.19
	14525.38		14573.33		14622.78		14667.96
	14525.77		14573.47		14623.96		14669.43
	14528.01		14573.51		14624.90		14669.71
	14528.22		14575.08		14625.22		14670.80
	14529.42		14575.28		14626.25		14671.70
	14529.47		14575.96		14627.23		14672.49
	14530.46		14576.25		14628.41		14673.41
	14531.03		14578.15		14629.73		14675.50
	14534.39		14578.73		14629.85		14678.70
	14534.51		14579.61		14630.70		14678.86
	14534.65		14582.56		14631.87		14681.17
	14536.12		14583.30		14634.25		14682.67
	14537.35		14587.31		14634.43		14682.70
	14538.02		14589.03		14636.06		14684.70
	14539.77		14589.44		14636.21		14685.51
	14540.35		14589.76		14636.29		14686.96
	14541.13		14591.84		14638.20		14687.84
	14543.80		14592.64		14640.48		14687.87

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	14688.17		14735.40		14775.51		14825.54
	14688.64		14735.47		14778.52		14825.76
	14689.46		14737.20		14781.15		14826.98
	14691.25		14737.52		14782.60		14828.71
	14693.16		14739.99		14785.43		14829.24
	14694.20		14740.71		14785.65		14829.68
	14697.09		14744.48		14787.98		14830.24
	14698.98		14744.87		14788.51		14830.32
	14699.20		14745.36		14789.02		14832.84
	14699.63		14746.87		14789.94		14833.82
	14700.12		14747.91		14790.38		14834.63
	14700.74		14748.17		14792.77		14836.03
	14702.07		14749.15		14793.74		14836.39
	14703.39		14749.79		14794.09		14838.86
	14705.19		14751.02		14794.93		14840.31
	14705.98		14751.30		14795.60		14840.64
	14706.81		14752.19		14795.73		14840.97
	14707.13		14752.56		14796.52		14842.63
	14707.87		14752.70		14798.02		14844.70
	14709.73		14753.59		14798.76		14845.40
	14710.80		14755.15		14798.79		14845.46
	14711.89		14755.82		14799.15		14847.20
	14713.70		14756.02		14803.56		14849.45
	14714.36		14756.63		14804.05		14850.09
	14716.63		14758.43		14804.74		14850.77
	14718.26		14758.88		14805.08		14851.67
	14718.39		14759.66		14807.00		14855.07
	14720.20		14762.23		14807.38		14856.47
	14722.24		14762.64		14808.16		14857.01
	14724.35		14763.02		14808.81		14857.40
	14725.79		14764.87		14810.41		14857.78
	14726.15		14764.99		14811.33		14858.86
	14726.73		14765.37		14813.13		14858.98
	14726.78		14766.45		14813.70		14861.46
	14728.86		14766.66		14813.79		14863.02
	14729.74		14767.07		14814.50		14864.17
	14729.84		14768.95		14815.26		14864.54
	14731.79		14771.81		14815.53		14866.39
	14732.29		14772.43		14816.51		14867.85
	14732.81		14773.57		14818.28		14868.22
	14732.88		14774.44		14819.20		14868.69
	14733.21		14774.93		14821.20		14869.69
	14733.95		14775.18		14821.76		14870.53

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	14871.16		14916.06		14961.86		15007.24
	14871.82		14917.53		14962.44		15011.80
	14873.10		14917.81		14962.68		15012.50
	14876.35		14919.55		14963.23		15013.42
	14877.19		14920.84		14964.70		15013.62
	14878.75		14922.47		14967.59		15013.70
	14880.56		14922.82		14970.74		15014.74
	14881.31		14923.30		14971.88		15014.95
	14881.38		14923.95		14972.53		15016.92
	14881.88		14925.25		14972.74		15018.14
	14882.77		14925.50		14972.88		15018.18
	14883.80		14927.29		14973.84		15019.92
	14884.16		14927.67		14974.15		15019.94
	14884.30		14928.79		14976.73		15020.75
	14885.73		14928.90		14977.20		15020.76
	14885.91		14931.83		14978.20		15022.10
	14890.00		14934.65		14978.67		15022.93
	14890.76		14935.97		14981.69		15025.01
	14891.26		14936.48		14982.71		15028.70
	14891.38		14937.11		14985.95		15028.78
	14893.19		14937.56		14987.90		15029.46
	14893.27		14938.65		14988.28		15030.73
	14894.14		14940.23		14989.79		15031.65
	14894.99		14941.59		14990.74		15032.18
	14895.10		14944.04		14991.17		15032.36
	14895.70		14944.16		14991.35		15032.63
	14896.05		14945.23		14991.70		15033.24
	14898.62		14945.31		14991.79		15034.39
	14901.12		14945.52		14992.59		15035.84
	14901.16		14946.16		14992.64		15036.09
	14902.73		14946.41		14994.24		15036.53
	14905.05		14946.93		14996.94		15038.83
	14905.17		14947.84		14999.35		15040.56
	14905.83		14949.17		14999.55		15041.77
	14906.20		14949.52		14999.70		15042.00
	14906.60		14949.83		14999.82		15042.81
	14907.36		14950.14		15000.50		15042.84
	14910.08		14953.91		15002.36		15044.33
	14911.22		14957.31		15002.77		15045.36
	14912.64		14957.84		15002.89		15047.50
	14912.92		14958.94		15003.98		15048.66
	14915.18		14959.29		15006.17		15049.00
	14915.43		14960.75		15006.17		15049.12

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	15051.62		15094.89		15139.74		15177.40
	15053.67		15096.31		15142.01		15178.61
	15055.16		15096.58		15143.09		15179.58
	15056.95		15096.70		15144.65		15180.95
	15057.56		15096.90		15144.98		15183.08
	15057.96		15099.82		15146.90		15183.27
	15058.02		15100.43		15147.07		15185.02
	15059.45		15100.77		15147.76		15186.40
	15060.64		15100.87		15149.11		15187.03
	15062.57		15101.13		15149.59		15187.05
	15063.30		15102.19		15149.61		15187.44
	15063.39		15103.91		15150.13		15187.51
	15064.47		15104.40		15151.10		15188.55
	15064.94		15105.28		15151.44		15190.38
	15068.96		15105.56		15152.35		15190.65
	15069.09		15108.26		15152.72		15192.64
	15069.37		15110.72		15153.04		15193.66
	15071.51		15110.76		15155.11		15193.77
	15071.67		15111.76		15157.39		15194.97
	15072.38		15113.56		15158.07		15196.23
	15074.78		15114.03		15158.09		15196.28
	15076.04		15115.19		15161.07		15196.92
	15077.48		15119.04		15161.59		15197.27
	15077.66		15119.93		15162.41		15202.00
	15077.96		15120.16		15162.97		15202.24
	15078.24		15120.34		15163.24		15206.25
	15078.59		15121.03		15163.86		15206.56
	15080.23		15121.20		15164.87		15209.58
	15081.42		15121.29		15166.99		15210.29
	15082.80		15122.92		15167.55		15210.51
	15083.64		15125.45		15169.20		15210.94
	15083.68		15126.11		15170.56		15210.96
	15085.23		15126.60		15170.64		15213.77
	15086.73		15127.39		15170.67		15213.90
	15087.30		15127.48		15171.10		15216.51
	15087.89		15128.78		15171.19		15216.87
	15087.95		15130.73		15172.99		15216.89
	15088.13		15133.17		15173.97		15217.13
	15088.78		15134.58		15174.21		15218.04
	15091.81		15134.75		15175.30		15218.52
	15092.40		15134.82		15175.97		15219.41
	15094.33		15135.26		15176.43		15220.30
	15094.55		15136.84		15176.64		15220.42

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	15222.59		15275.01		15310.54		15354.24
	15224.10		15275.68		15310.55		15355.57
	15224.30		15276.83		15310.84		15358.12
	15225.23		15278.62		15311.21		15358.18
	15225.39		15278.83		15312.91		15360.49
	15225.74		15279.15		15313.94		15361.08
	15226.49		15280.79		15315.54		15362.25
	15229.79		15281.39		15315.92		15362.43
	15233.75		15282.27		15316.80		15365.93
	15234.40		15284.62		15316.85		15367.18
	15234.54		15285.43		15319.38		15367.81
	15235.90		15285.84		15319.70		15368.59
	15237.17		15286.86		15321.35		15369.58
	15238.76		15287.41		15322.67		15370.39
	15239.93		15288.28		15323.46		15370.43
	15241.47		15290.13		15324.20		15372.10
	15241.96		15290.27		15325.23		15373.97
	15243.34		15290.57		15326.69		15374.03
	15243.96		15291.16		15327.46		15376.49
	15244.22		15291.41		15329.49		15377.10
	15244.69		15292.47		15330.08		15378.30
	15245.15		15292.57		15331.16		15378.86
	15247.46		15292.95		15332.34		15379.86
	15250.65		15293.50		15333.29		15380.36
	15251.19		15295.42		15333.33		15381.45
	15251.21		15295.51		15339.11		15381.90
	15251.30		15296.42		15340.14		15382.76
	15254.02		15297.68		15340.23		15383.16
	15254.16		15298.07		15340.58		15383.65
	15255.64		15298.16		15341.47		15383.93
	15256.08		15298.45		15343.53		15384.10
	15256.48		15299.47		15343.80		15384.96
	15257.66		15299.55		15344.88		15385.14
	15260.34		15299.57		15345.74		15390.69
	15261.58		15300.41		15346.15		15392.00
	15263.38		15300.62		15346.54		15392.78
	15264.75		15302.98		15348.91		15394.68
	15265.17		15303.60		15349.37		15395.57
	15269.15		15304.92		15350.22		15396.07
	15269.73		15304.95		15350.59		15396.28
	15271.64		15305.17		15351.39		15396.70
	15273.44		15307.88		15352.75		15397.03
	15273.74		15309.83		15354.04		15398.02

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	15398.26		15437.84		15475.34		15519.09
	15398.79		15438.33		15475.59		15520.29
	15400.11		15438.45		15476.37		15522.23
	15401.82		15440.60		15476.50		15523.34
	15402.56		15442.90		15477.01		15525.22
	15402.73		15443.55		15477.81		15525.94
	15402.88		15443.70		15478.01		15528.08
	15402.94		15443.76		15478.42		15529.22
	15403.71		15446.15		15479.01		15530.15
	15406.58		15448.27		15479.63		15530.59
	15407.13		15450.06		15480.72		15530.83
	15408.05		15451.52		15482.56		15532.40
	15408.11		15452.02		15485.77		15533.26
	15409.76		15452.22		15486.37		15533.56
	15409.92		15452.61		15486.95		15534.73
	15413.17		15452.66		15487.65		15535.00
	15414.15		15453.76		15491.81		15535.26
	15415.09		15454.38		15493.11		15536.28
	15415.49		15454.43		15493.28		15538.72
	15415.66		15456.18		15494.16		15540.54
	15415.96		15456.23		15495.39		15540.61
	15417.27		15456.34		15495.85		15541.79
	15418.17		15456.58		15496.78		15543.00
	15418.66		15456.84		15497.13		15544.63
	15418.70		15457.07		15500.83		15545.29
	15418.80		15458.06		15503.44		15546.52
	15419.70		15459.04		15504.02		15547.42
	15420.92		15462.92		15505.47		15550.35
	15421.49		15463.18		15506.11		15550.57
	15423.24		15465.45		15506.47		15550.64
	15423.88		15466.57		15506.84		15552.65
	15424.58		15468.15		15508.81		15553.61
	15427.24		15468.55		15511.38		15554.50
	15427.73		15469.07		15512.04		15554.82
	15427.82		15469.46		15512.52		15557.63
	15428.32		15470.15		15513.93		15558.17
	15429.41		15470.85		15514.48		15558.60
	15430.10		15472.00		15514.53		15558.74
	15430.16		15472.40		15514.93		15559.38
	15432.49		15473.29		15515.45		15559.90
	15433.05		15473.90		15516.54		15560.42
	15433.75		15474.93		15517.28		15560.98
	15436.66		15475.03		15517.42		15561.82

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	15562.22		15606.93		15646.06		15686.40
	15562.26		15607.28		15646.54		15686.56
	15562.72		15607.47		15646.90		15686.70
	15563.29		15607.87		15647.31		15687.70
	15563.48		15608.89		15647.32		15687.72
	15565.37		15610.09		15647.72		15688.59
	15565.48		15610.45		15649.27		15689.12
	15565.75		15612.65		15651.51		15690.57
	15568.82		15614.32		15652.16		15691.28
	15570.27		15614.94		15652.27		15691.93
	15570.67		15617.04		15652.48		15695.59
	15571.66		15618.33		15656.95		15697.77
	15572.35		15618.53		15659.34		15698.58
	15573.12		15618.77		15660.07		15698.62
	15576.34		15619.46		15660.53		15699.81
	15576.41		15619.98		15660.92		15700.88
	15577.12		15620.48		15663.13		15701.53
	15577.26		15620.83		15663.56		15704.14
	15578.18		15621.45		15666.93		15704.38
	15578.26		15621.58		15667.87		15705.21
	15580.19		15621.88		15668.50		15706.24
	15580.57		15622.69		15668.73		15706.60
	15580.69		15623.06		15669.65		15706.78
	15582.10		15625.20		15669.76		15710.56
	15583.16		15626.52		15670.97		15711.46
	15584.68		15626.91		15672.08		15712.04
	15585.51		15627.34		15672.29		15712.17
	15587.38		15627.86		15673.12		15712.56
	15588.48		15628.17		15676.27		15714.88
	15589.31		15631.04		15676.66		15715.33
	15591.37		15631.93		15676.79		15715.54
	15595.23		15635.24		15676.86		15715.66
	15595.46		15635.61		15677.01		15715.83
	15597.23		15635.90		15678.06		15716.40
	15597.70		15637.26		15678.57		15717.03
	15600.30		15638.23		15679.42		15718.69
	15601.32		15638.38		15679.49		15720.35
	15602.58		15638.57		15680.01		15720.42
	15603.64		15640.93		15681.17		15721.49
	15604.83		15641.35		15681.76		15721.65
	15605.70		15642.30		15682.67		15722.72
	15606.19		15644.08		15684.59		15723.22
	15606.77		15644.32		15685.77		15723.51

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	15723.74		15763.24		15801.85		15849.04
	15724.33		15763.37		15805.31		15849.23
	15725.69		15766.36		15806.06		15849.54
	15727.02		15766.44		15806.27		15850.28
	15727.90		15769.44		15806.36		15851.31
	15728.96		15769.58		15806.78		15853.86
	15730.09		15769.84		15807.45		15854.12
	15730.67		15771.00		15809.60		15854.70
	15732.47		15771.89		15811.60		15854.87
	15734.29		15772.50		15812.11		15854.92
	15734.90		15772.89		15812.88		15855.45
	15735.40		15774.12		15814.61		15857.01
	15736.02		15775.52		15815.31		15857.42
	15736.65		15777.46		15815.65		15857.74
	15736.98		15777.85		15815.73		15857.93
	15737.99		15778.35		15816.44		15858.49
	15738.17		15778.86		15818.68		15858.84
	15739.23		15779.52		15818.98		15860.83
	15740.53		15780.46		15819.72		15861.35
	15741.83		15782.02		15820.94		15863.03
	15741.90		15782.17		15822.31		15863.50
	15742.23		15782.96		15824.50		15864.64
	15743.73		15783.48		15826.08		15865.18
	15746.02		15783.61		15826.92		15865.27
	15746.97		15785.55		15827.16		15865.57
	15748.75		15787.92		15827.51		15865.71
	15748.76		15788.15		15827.72		15867.55
	15749.31		15788.50		15829.08		15867.83
	15750.92		15789.19		15830.05		15868.17
	15750.97		15789.66		15830.98		15869.55
	15751.68		15790.36		15831.80		15871.16
	15751.69		15792.28		15831.83		15872.56
	15751.95		15793.05		15834.13		15874.51
	15752.11		15794.21		15835.16		15874.84
	15754.02		15795.57		15836.49		15876.29
	15755.00		15797.22		15836.81		15876.50
	15755.07		15797.30		15840.85		15877.24
	15755.17		15798.01		15842.10		15877.50
	15755.34		15798.48		15843.39		15878.11
	15757.12		15799.63		15843.61		15878.49
	15757.59		15799.74		15844.40		15880.47
	15760.56		15800.57		15845.02		15881.95
	15761.50		15801.68		15846.85		15881.98

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	15883.67		15923.06		15961.73		16000.43
	15883.79		15923.47		15964.55		16001.11
	15885.37		15926.45		15965.10		16001.39
	15885.45		15926.79		15967.75		16002.81
	15888.06		15927.69		15969.14		16003.20
	15888.63		15927.98		15969.25		16004.05
	15888.88		15931.24		15970.29		16004.37
	15891.12		15934.29		15971.75		16004.46
	15892.55		15934.36		15972.26		16004.78
	15892.69		15937.66		15972.68		16004.91
	15892.71		15938.12		15973.77		16005.91
	15893.42		15938.45		15975.10		16006.19
	15894.85		15938.64		15975.17		16007.94
	15895.08		15939.30		15975.79		16009.20
	15895.38		15941.31		15975.79		16009.86
	15895.72		15941.72		15976.89		16010.11
	15896.21		15941.77		15977.71		16011.77
	15896.68		15942.03		15978.36		16012.11
	15897.42		15942.17		15979.16		16012.16
	15897.98		15942.25		15980.31		16013.69
	15898.93		15942.69		15982.17		16015.73
	15899.73		15942.91		15982.46		16016.47
	15900.13		15943.49		15984.21		16017.85
	15900.36		15943.77		15984.43		16020.98
	15901.17		15944.93		15986.74		16023.03
	15902.39		15945.98		15988.99		16023.32
	15902.96		15946.24		15989.46		16025.47
	15903.40		15947.58		15989.81		16025.51
	15904.19		15948.39		15989.98		16026.80
	15904.23		15950.24		15990.37		16026.86
	15906.23		15950.72		15990.42		16028.61
	15906.47		15952.04		15991.56		16029.25
	15907.62		15953.37		15992.99		16030.98
	15910.40		15953.57		15993.48		16031.79
	15911.53		15954.49		15994.71		16032.37
	15911.72		15954.83		15994.91		16034.88
	15913.44		15956.82		15995.41		16035.41
	15918.09		15957.96		15995.44		16035.89
	15919.43		15958.57		15995.83		16036.01
	15920.00		15959.43		15997.28		16036.53
	15920.01		15960.19		15997.33		16036.89
	15921.18		15961.04		15997.85		16037.80
	15921.91		15961.28		15999.53		16039.50

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	16040.92		16083.50		16114.19		16148.12
	16041.04		16084.19		16114.54		16149.80
	16041.07		16084.77		16116.16		16152.33
	16043.91		16086.08		16116.26		16152.73
	16044.05		16086.96		16118.66		16155.02
	16046.09		16087.30		16119.93		16155.92
	16047.31		16087.69		16120.17		16156.58
	16047.90		16088.55		16121.08		16157.09
	16049.19		16088.67		16121.70		16160.04
	16049.33		16088.83		16122.31		16162.67
	16049.47		16090.13		16122.36		16164.98
	16049.55		16090.73		16123.72		16165.60
	16050.07		16091.09		16124.67		16167.32
	16050.48		16092.06		16124.74		16167.36
	16050.89		16092.46		16125.26		16168.40
	16051.11		16092.49		16126.78		16169.54
	16051.39		16092.75		16126.90		16169.69
	16051.58		16092.91		16128.44		16170.10
	16053.54		16093.49		16128.50		16170.50
	16054.32		16093.56		16128.73		16171.17
	16055.51		16094.34		16129.42		16172.47
	16057.52		16094.36		16130.54		16174.61
	16057.82		16094.40		16131.49		16175.52
	16058.56		16095.84		16133.29		16175.99
	16059.78		16096.35		16133.56		16177.24
	16059.97		16097.48		16135.79		16177.89
	16060.68		16099.50		16136.05		16178.96
	16061.38		16100.35		16136.48		16179.06
	16065.46		16101.09		16136.98		16179.93
	16066.76		16101.60		16137.39		16180.32
	16067.09		16102.89		16138.39		16180.48
	16067.75		16103.72		16138.49		16183.38
	16068.83		16104.80		16140.19		16185.26
	16069.42		16105.14		16142.33		16185.67
	16069.52		16105.34		16143.67		16186.18
	16069.83		16105.41		16143.91		16187.16
	16069.96		16110.70		16144.11		16187.91
	16074.35		16111.20		16144.59		16188.27
	16075.85		16112.36		16146.08		16188.76
	16076.72		16112.63		16146.82		16188.88
	16078.54		16112.66		16147.02		16189.39
	16081.32		16113.10		16147.29		16189.86
	16082.80		16113.12		16148.02		16190.65

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	16190.79		16225.86		16266.01		16304.91
	16191.23		16226.54		16267.17		16307.33
	16193.28		16228.93		16267.90		16308.60
	16196.12		16229.96		16269.10		16309.11
	16196.30		16230.17		16269.62		16309.57
	16196.77		16230.27		16269.81		16310.00
	16197.12		16230.59		16269.85		16310.50
	16198.07		16231.44		16272.16		16310.65
	16199.51		16232.07		16273.44		16311.52
	16199.78		16237.11		16273.72		16313.69
	16201.28		16237.28		16273.84		16315.01
	16201.43		16237.42		16273.90		16315.21
	16201.48		16238.94		16275.03		16315.98
	16202.35		16239.50		16277.83		16316.72
	16203.15		16240.77		16278.87		16316.76
	16203.19		16240.89		16279.59		16317.82
	16203.87		16241.82		16280.57		16318.16
	16205.65		16242.40		16282.49		16318.58
	16205.77		16243.25		16283.15		16319.36
	16207.14		16243.86		16283.29		16319.66
	16207.57		16243.94		16284.71		16322.24
	16208.54		16246.51		16285.19		16323.06
	16209.61		16247.77		16285.23		16323.09
	16209.63		16249.80		16285.77		16324.33
	16209.71		16250.83		16286.26		16325.21
	16210.72		16251.23		16287.24		16325.97
	16211.72		16251.55		16287.61		16327.91
	16212.68		16253.81		16290.13		16328.50
	16213.87		16254.07		16291.09		16328.57
	16214.38		16254.43		16292.46		16331.26
	16216.12		16255.63		16292.71		16331.47
	16217.98		16255.83		16292.99		16331.68
	16218.14		16257.75		16293.42		16332.21
	16218.43		16258.30		16294.98		16332.26
	16219.03		16259.52		16295.91		16332.31
	16219.18		16259.65		16297.46		16334.69
	16219.21		16259.69		16298.16		16335.40
	16220.36		16261.12		16298.80		16336.24
	16221.26		16262.82		16299.25		16337.45
	16223.33		16264.41		16300.23		16337.54
	16223.62		16265.17		16300.64		16340.50
	16225.52		16265.52		16302.28		16343.27
	16225.68		16265.75		16302.60		16343.45

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	16343.59		16377.86		16411.37		16450.56
	16345.76		16378.93		16411.74		16450.63
	16346.47		16380.10		16413.79		16451.36
	16346.76		16381.58		16414.76		16451.72
	16347.78		16382.09		16415.29		16452.73
	16347.81		16383.22		16415.54		16453.17
	16347.99		16385.45		16415.85		16453.78
	16348.71		16386.14		16415.95		16454.37
	16349.60		16387.78		16418.83		16455.25
	16350.02		16388.18		16420.18		16455.63
	16350.23		16389.53		16421.98		16456.96
	16351.72		16389.84		16423.10		16457.10
	16353.02		16390.45		16424.84		16457.41
	16353.29		16390.92		16425.05		16459.18
	16353.39		16391.19		16425.15		16459.67
	16353.97		16391.70		16425.57		16460.80
	16355.39		16392.13		16426.51		16461.82
	16355.51		16393.17		16427.89		16462.44
	16355.81		16393.39		16428.59		16463.71
	16359.00		16394.08		16428.82		16465.32
	16359.01		16394.84		16430.44		16465.55
	16359.57		16394.89		16430.57		16466.15
	16361.09		16395.64		16430.75		16466.73
	16361.17		16395.94		16431.33		16466.80
	16361.41		16396.39		16434.34		16466.94
	16362.30		16396.41		16434.98		16469.09
	16363.84		16396.81		16436.32		16469.11
	16363.96		16396.85		16439.03		16469.60
	16365.26		16397.04		16439.34		16470.30
	16366.28		16399.23		16439.61		16471.65
	16368.43		16403.09		16440.24		16473.38
	16368.63		16404.68		16441.46		16474.65
	16368.93		16404.83		16441.86		16474.66
	16369.33		16405.70		16442.66		16476.48
	16370.07		16405.73		16444.76		16478.24
	16370.29		16406.28		16444.80		16478.52
	16371.40		16406.72		16446.02		16478.88
	16372.13		16406.93		16447.14		16481.13
	16373.85		16407.51		16448.49		16481.93
	16374.29		16407.75		16448.49		16482.40
	16375.20		16408.16		16449.55		16483.48
	16376.96		16409.33		16449.96		16483.67
	16377.74		16410.23		16450.12		16484.91

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	16485.00		16519.31		16555.57		16593.65
	16486.79		16520.50		16556.55		16594.36
	16486.84		16522.44		16556.58		16594.62
	16486.92		16523.34		16557.17		16595.40
	16487.27		16524.19		16557.86		16596.37
	16487.92		16525.79		16560.29		16596.99
	16488.10		16527.25		16560.37		16598.40
	16490.03		16527.57		16560.78		16599.50
	16491.22		16528.39		16562.48		16601.02
	16493.22		16528.80		16564.77		16601.53
	16493.33		16529.75		16566.22		16603.38
	16494.73		16530.55		16567.53		16605.81
	16495.08		16530.87		16567.58		16608.10
	16495.56		16532.08		16567.60		16608.31
	16495.68		16532.91		16572.17		16609.28
	16496.31		16532.99		16572.27		16609.46
	16497.65		16534.10		16572.70		16609.56
	16498.81		16535.28		16572.77		16609.91
	16498.82		16535.79		16573.60		16610.06
	16498.87		16536.08		16573.68		16610.28
	16499.39		16536.68		16574.49		16611.23
	16500.86		16537.05		16575.66		16612.68
	16501.79		16537.33		16575.98		16612.68
	16502.80		16539.67		16578.28		16614.07
	16503.10		16541.66		16580.21		16614.21
	16504.14		16542.69		16580.71		16614.61
	16504.20		16543.61		16582.35		16615.69
	16504.47		16543.64		16582.40		16616.32
	16506.10		16544.14		16582.46		16616.90
	16506.25		16544.79		16582.79		16617.68
	16507.03		16545.04		16584.81		16618.12
	16508.17		16545.75		16585.51		16620.95
	16509.71		16547.81		16586.92		16621.18
	16509.80		16549.11		16587.54		16621.48
	16511.46		16550.48		16587.95		16622.49
	16511.59		16550.55		16589.63		16624.01
	16511.79		16551.15		16590.10		16625.34
	16512.96		16551.32		16590.13		16627.46
	16513.34		16552.39		16590.43		16627.50
	16514.49		16552.71		16591.24		16628.33
	16515.70		16554.23		16592.49		16628.38
	16517.81		16554.58		16592.69		16628.49
	16518.95		16555.35		16593.15		16629.85

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	16632.16		16667.70		16698.44		16733.60
	16632.36		16668.86		16699.90		16734.27
	16632.39		16670.07		16700.47		16735.04
	16633.43		16671.00		16701.18		16735.99
	16633.84		16672.87		16702.30		16737.44
	16634.01		16673.01		16703.73		16738.64
	16635.56		16674.51		16704.03		16739.08
	16636.82		16675.28		16705.44		16740.84
	16638.51		16676.16		16706.41		16741.75
	16638.62		16676.23		16707.11		16742.35
	16639.16		16676.94		16707.22		16744.38
	16639.40		16677.04		16707.87		16744.75
	16640.54		16679.00		16708.43		16744.81
	16641.73		16680.52		16709.28		16744.83
	16642.16		16680.69		16710.07		16745.29
	16642.34		16680.78		16710.32		16745.36
	16643.54		16682.15		16711.20		16747.32
	16643.62		16682.49		16711.22		16748.10
	16643.77		16683.34		16711.35		16748.52
	16644.20		16684.42		16711.81		16749.65
	16646.09		16686.03		16714.23		16750.06
	16646.57		16686.20		16714.94		16751.32
	16647.13		16686.46		16715.24		16751.57
	16647.72		16687.67		16715.91		16753.84
	16648.15		16687.73		16717.06		16755.13
	16648.47		16688.49		16717.81		16755.99
	16649.10		16689.05		16718.11		16758.40
	16650.11		16689.66		16718.79		16759.04
	16650.20		16689.99		16719.13		16759.11
	16651.29		16690.50		16721.46		16759.77
	16651.68		16691.01		16721.84		16760.60
	16652.06		16691.21		16723.03		16760.81
	16653.01		16691.52		16723.18		16761.72
	16655.05		16691.97		16723.84		16763.16
	16656.42		16693.15		16723.98		16763.42
	16656.98		16693.31		16724.54		16763.52
	16657.16		16693.47		16725.82		16763.69
	16659.88		16694.61		16726.08		16764.34
	16661.60		16695.03		16727.10		16764.61
	16661.97		16695.39		16728.25		16764.71
	16663.94		16695.95		16730.05		16765.05
	16666.28		16696.33		16732.00		16766.56
	16666.67		16697.59		16732.93		16768.29

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	16769.63		16801.88		16835.75		16870.65
	16770.43		16803.64		16835.93		16873.13
	16771.03		16804.35		16837.90		16873.34
	16771.50		16804.94		16838.99		16874.04
	16771.78		16806.10		16845.29		16874.49
	16772.50		16806.90		16845.95		16875.13
	16772.89		16807.39		16846.13		16875.63
	16773.81		16807.83		16846.42		16876.70
	16774.02		16809.04		16846.59		16877.42
	16776.07		16811.13		16847.05		16878.01
	16777.14		16811.97		16847.52		16878.15
	16777.35		16812.78		16848.25		16879.22
	16777.75		16814.70		16848.85		16880.31
	16777.95		16814.84		16849.28		16880.73
	16778.01		16815.26		16850.33		16880.75
	16778.19		16815.79		16850.54		16881.69
	16780.02		16816.28		16852.09		16882.71
	16780.16		16816.31		16853.07		16884.29
	16781.53		16817.18		16853.12		16884.61
	16781.88		16818.49		16854.76		16885.79
	16781.98		16818.70		16856.41		16886.29
	16782.28		16819.38		16856.88		16887.10
	16783.59		16820.69		16857.32		16887.38
	16784.77		16821.01		16859.09		16887.82
	16785.25		16821.24		16859.24		16888.71
	16785.77		16821.26		16860.09		16888.84
	16785.80		16822.27		16860.67		16889.86
	16787.55		16822.58		16860.80		16892.07
	16788.18		16822.98		16862.32		16893.07
	16789.33		16823.45		16864.21		16894.02
	16791.05		16824.98		16864.27		16895.86
	16792.09		16825.67		16864.82		16896.69
	16792.50		16825.95		16865.22		16896.92
	16793.75		16826.15		16866.93		16897.38
	16794.25		16827.72		16867.27		16897.43
	16795.82		16830.24		16867.53		16898.41
	16796.11		16830.71		16867.85		16899.37
	16799.45		16830.80		16867.89		16899.93
	16799.74		16831.52		16868.62		16900.42
	16800.35		16832.87		16869.16		16903.72
	16801.18		16833.30		16869.68		16905.53
	16801.43		16833.52		16870.50		16906.61
	16801.48		16834.85		16870.65		16906.90

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	16907.27		16944.25		16973.01		17007.44
	16907.84		16945.31		16973.54		17007.91
	16907.87		16945.48		16973.71		17008.24
	16908.79		16945.69		16974.26		17010.42
	16908.94		16945.81		16977.47		17011.01
	16911.13		16946.02		16978.50		17011.87
	16912.42		16946.27		16979.12		17012.23
	16912.64		16947.73		16979.44		17012.52
	16913.31		16948.24		16979.75		17013.02
	16913.62		16948.36		16980.60		17014.10
	16914.26		16948.82		16980.76		17015.07
	16915.84		16948.95		16981.07		17016.99
	16916.74		16949.30		16982.90		17018.18
	16917.00		16949.70		16987.15		17018.92
	16917.65		16949.98		16987.28		17020.02
	16918.19		16950.20		16987.91		17020.15
	16920.12		16950.91		16988.10		17020.46
	16920.19		16951.52		16989.99		17020.69
	16920.63		16954.14		16990.64		17021.23
	16921.18		16954.47		16990.74		17021.53
	16922.04		16955.14		16991.14		17022.96
	16922.74		16955.44		16992.27		17023.51
	16923.40		16956.12		16992.67		17024.88
	16924.32		16956.20		16993.75		17024.94
	16924.72		16957.14		16994.24		17026.50
	16927.31		16958.09		16995.10		17026.87
	16928.93		16958.64		16995.62		17027.09
	16928.99		16958.75		16995.87		17028.73
	16929.82		16960.79		16996.40		17029.50
	16931.13		16962.48		16996.65		17029.86
	16935.30		16963.90		16997.20		17030.02
	16935.73		16964.18		16997.68		17035.03
	16936.29		16964.20		16997.95		17035.28
	16937.58		16964.86		16998.75		17036.29
	16938.42		16966.49		16999.25		17036.91
	16939.42		16967.60		16999.27		17038.48
	16940.38		16967.84		17000.74		17039.48
	16941.58		16969.88		17002.17		17039.54
	16942.18		16969.94		17002.22		17040.22
	16942.54		16970.50		17002.95		17040.80
	16942.58		16971.41		17003.17		17041.04
	16943.83		16971.76		17003.49		17041.46
	16944.03		16972.63		17003.74		17043.19

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	17045.45		17075.31		17110.71		17137.55
	17045.63		17076.04		17111.06		17138.23
	17045.84		17076.19		17112.25		17138.71
	17045.89		17076.63		17112.44		17140.48
	17046.58		17076.91		17112.80		17143.16
	17047.41		17077.48		17112.91		17144.06
	17047.69		17078.16		17113.53		17145.87
	17049.15		17078.83		17114.87		17146.23
	17049.73		17079.98		17115.25		17147.74
	17051.07		17081.76		17115.36		17147.94
	17051.28		17082.34		17115.93		17148.18
	17052.03		17082.56		17118.28		17148.49
	17052.29		17083.20		17119.38		17148.57
	17052.83		17085.84		17119.44		17148.76
	17052.93		17086.31		17120.40		17149.25
	17053.06		17086.51		17121.21		17149.66
	17053.63		17086.67		17122.02		17151.64
	17053.74		17087.74		17122.29		17151.71
	17053.85		17088.66		17122.68		17151.99
	17054.37		17090.86		17122.95		17152.62
	17055.76		17091.03		17123.26		17154.16
	17058.29		17092.20		17123.47		17154.75
	17058.30		17093.18		17124.46		17154.93
	17058.40		17093.43		17124.78		17155.60
	17059.51		17093.50		17125.28		17155.69
	17061.30		17094.96		17125.52		17157.09
	17061.83		17095.98		17126.08		17158.90
	17062.31		17097.33		17127.02		17159.04
	17062.73		17098.81		17127.55		17160.10
	17063.58		17100.02		17128.50		17160.86
	17064.00		17100.83		17128.56		17161.21
	17064.27		17102.50		17130.11		17161.27
	17064.37		17102.77		17130.79		17161.38
	17064.90		17103.10		17132.41		17164.55
	17065.83		17105.50		17132.47		17165.99
	17065.84		17105.77		17133.03		17167.38
	17067.17		17106.08		17133.19		17169.77
	17068.04		17106.17		17133.87		17170.40
	17070.43		17106.83		17133.93		17170.81
	17071.07		17106.93		17134.39		17171.60
	17071.56		17107.42		17135.55		17171.76
	17072.65		17107.71		17136.24		17171.94
	17073.06		17109.90		17136.60		17172.20

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	17173.21		17207.93		17236.68		17270.77
	17173.68		17208.52		17236.74		17271.32
	17173.99		17209.13		17237.55		17272.18
	17175.24		17209.88		17238.34		17273.14
	17175.51		17211.27		17239.25		17275.24
	17175.98		17211.65		17239.86		17275.32
	17176.48		17211.77		17241.35		17275.34
	17177.50		17213.30		17241.63		17277.63
	17178.98		17213.73		17241.79		17278.82
	17179.36		17214.95		17242.75		17279.18
	17179.89		17215.49		17243.93		17279.67
	17180.38		17216.52		17245.54		17280.33
	17180.90		17218.20		17245.63		17280.66
	17181.43		17218.51		17246.29		17281.25
	17182.10		17218.65		17247.05		17281.44
	17185.46		17220.57		17247.69		17283.04
	17185.73		17220.58		17247.86		17283.90
	17185.89		17221.41		17248.99		17283.95
	17187.76		17222.01		17249.76		17285.50
	17189.57		17222.83		17250.10		17286.89
	17189.72		17223.09		17251.00		17288.33
	17191.98		17224.00		17251.55		17289.23
	17193.35		17225.30		17254.52		17289.42
	17193.46		17225.91		17254.75		17290.25
	17193.96		17225.93		17256.82		17290.47
	17194.72		17226.10		17257.82		17291.94
	17194.91		17226.67		17258.37		17292.38
	17195.79		17226.86		17259.47		17292.44
	17197.44		17227.50		17260.23		17293.03
	17197.70		17228.49		17260.30		17293.36
	17199.37		17229.60		17261.67		17294.00
	17199.62		17230.58		17262.38		17295.67
	17201.06		17231.35		17262.80		17295.91
	17201.18		17233.10		17263.11		17296.31
	17202.75		17233.33		17263.55		17296.67
	17204.73		17233.57		17265.45		17296.76
	17204.90		17233.91		17266.25		17297.35
	17205.79		17234.15		17267.16		17297.38
	17206.36		17234.22		17267.32		17297.96
	17206.55		17234.57		17267.83		17298.30
	17206.65		17235.20		17269.05		17299.70
	17207.69		17235.98		17269.75		17300.01
	17207.71		17236.07		17270.12		17301.33

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	17301.69		17336.77		17367.66		17398.20
	17304.43		17336.83		17368.84		17398.37
	17304.85		17337.73		17369.63		17399.40
	17305.54		17337.98		17369.64		17399.50
	17305.98		17339.51		17370.61		17400.05
	17306.74		17342.63		17371.41		17401.27
	17308.63		17342.80		17371.86		17401.42
	17309.96		17343.19		17372.61		17402.15
	17310.69		17346.41		17372.94		17402.66
	17312.45		17346.82		17374.77		17402.70
	17312.84		17347.08		17375.77		17403.67
	17313.35		17347.36		17375.80		17404.36
	17314.44		17347.61		17375.92		17405.91
	17314.65		17349.28		17376.59		17406.02
	17314.94		17349.71		17378.24		17406.07
	17315.93		17352.45		17378.46		17406.78
	17316.79		17352.68		17378.57		17407.23
	17317.79		17353.84		17379.62		17407.37
	17318.74		17354.14		17379.78		17407.74
	17319.63		17354.60		17379.85		17408.53
	17320.05		17355.49		17379.88		17409.74
	17320.15		17357.04		17380.71		17411.16
	17321.18		17357.36		17382.32		17411.83
	17321.54		17357.89		17385.19		17412.56
	17323.19		17358.05		17385.77		17413.17
	17323.82		17358.84		17386.84		17413.82
	17323.99		17359.40		17387.42		17416.07
	17324.95		17359.53		17387.46		17416.51
	17325.47		17360.22		17388.74		17416.86
	17326.13		17360.65		17390.22		17417.05
	17326.66		17360.84		17390.32		17418.47
	17327.03		17361.53		17390.68		17420.28
	17328.55		17362.02		17391.22		17420.76
	17328.79		17362.39		17392.40		17421.03
	17329.18		17362.55		17392.46		17422.30
	17330.42		17362.97		17393.79		17422.85
	17331.14		17364.60		17394.00		17424.09
	17332.11		17365.35		17396.04		17424.34
	17333.69		17365.40		17396.38		17424.41
	17334.62		17366.11		17396.81		17425.00
	17335.35		17366.57		17397.23		17425.88
	17335.42		17366.97		17397.78		17426.32
	17335.80		17367.10		17397.82		17427.05

(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy	(n_1, n_2, n_3)	Energy
	17427.25						
	17427.59						
	17428.44						
	17429.31						
	17429.74						
	17430.58						
	17432.15						
	17432.60						
	17434.01						
	17434.07						
	17434.41						
	17434.47						
	17435.23						
	17435.57						
	17435.72						
	17435.83						
	17436.06						
	17436.13						
	17436.57						
	17437.71						
	17438.48						