Results:2 different decay possibilities were found

Dataset #1:

Author: F.G. Kondev Citation:Nuclear Data Sheets 105, 1 (2005)

Parent Nucleus	Parent E(level)	Parent Jπ	Parent $T_{1/2}$	Decay Mode	GS-GS Q-value (keV)	Daughter Nucleus	Decay Scheme	ENSDF file
$^{207}_{85}$At	0	9/2-	1.80 h *4*	α: 8.6 *10* %	5872 *3*	$^{203}_{83}$Bi		

Alphas:

Energy (keV)	Intensity (%)	Dose (MeV/Bq-s)
5758 *3*	8.6 %	0.50

Dataset #2:

Authors: F.G. Kondev, S. Lalkovski Citation:Nuclear Data Sheets 112, 707 (2011)

Parent Nucleus	Parent E(level)	Parent Jπ	Parent $T_{1/2}$	Decay Mode	GS-GS Q-value (keV)	Daughter Nucleus	Decay Scheme	ENSDF file
$^{207}_{85}$At	0	9/2-	1.81 h *3*	ε: 91.4 *10* %	3903 *22*	$^{207}_{84}$Po		

Beta+:

Energy (keV)	End-point energy (keV)	Intensity (%)	Dose (MeV/Bq-s)
283.2 *99*	578 *22*	0.019 % *3*	5.4E-5 *9*
287.3 *99*	587 *22*	0.00122 % *21*	3.5E-6 *6*
315.7 *98*	651 *22*	0.020 % *3*	6.3E-5 *10*
512.8 *97*	1099 *22*	0.0126 % *13*	6.5E-5 *7*
558.7 *96*	1204 *22*	0.0260 % *17*	1.45E-4 *10*
600.0 *96*	1299 *22*	0.011 % *11*	7E-5 *7*
631.0 *97*	1370 *22*	0.037 % *3*	2.33E-4 *19*
731.3 *97*	1599 *22*	0.060 % *8*	4.4E-4 *6*
779.5 *97*	1709 *22*	0.056 % *14*	4.4E-4 *11*
798.6 *92*	1766 *22*	0.11 % *3*	8.8E-4 *24*
895.7 *97*	1974 *22*	0.27 % *6*	0.0024 *5*
936.4 *97* ?	2067 *22*	0.10 % *10*	9E-4 *9*
1036.1 *98*	2293 *22*	0.69 % *13*	0.0071 *13*

Mean beta+ energy: 9.1E+2 keV *17*, total beta+ intensity: 1.41 % *18*, mean beta+ dose: 0.013 MeV/Bq-s *3*

Electrons:

Energy (keV)	Intensity (%)	Dose (MeV/Bq-s)
CE K 4.16 *4*	0.190 % *24*	7.9E-6 *10*
Auger L 8.33	56.8 % *21*	0.00473 *17*
CE K 15.995 *4*	0.06 % *6*	9E-6 *9*
CE K 36.895 *4*	0.008 % *8*	3E-6 *3*
CE L 51.611 *22*	4.2 % *4*	0.00219 *23*
Auger K 59.7	3.1 % *4*	0.00186 *22*
CE K 63.43 *5*	0.20 % *3*	1.30E-4 *22*
CE M 64.401 *20*	1.13 % *12*	7.3E-4 *8*
CE N 67.555 *20*	0.29 % *3*	1.96E-4 *20*
CE O 68.455 *20*	0.055 % *6*	3.8E-5 *4*
CE P 68.545 *20*	0.0049 % *5*	3.3E-6 *3*
CE K 74.795 *20*	2.08 % *14*	0.00155 *10*
CE L 80.33 *4*	0.089 % *11*	7.2E-5 *9*
CE L 92.161 *10*	0.18 % *18*	1.7E-4 *17*
CE M 93.12 *4*	0.023 % *3*	2.1E-5 *3*
CE N 96.27 *4*	0.0059 % *7*	5.6E-6 *7*
CE O 97.18 *4*	0.00115 % *14*	1.12E-6 *14*
CE P 97.27 *4*	1.20E-4 % *13*	1.16E-7 *13*
CE K 98.151 *9*	0.73 % *9*	7.2E-4 *8*
CE M 104.951 *4*	0.05 % *5*	6E-5 *6*
CE N 108.105 *3*	0.014 % *14*	1.5E-5 *16*
CE O 109.0052	0.003 % *3*	3E-6 *3*
CE P 109.0953	3E-4 % *3*	3E-7 *3*
CE L 113.061 *10*	0.03 % *3*	4E-5 *4*
CE M 125.851 *4*	0.009 % *9*	1.1E-5 *11*
CE K 128.165 *20*	1.08 % *16*	0.00139 *21*
CE N 129.005 *3*	0.0023 % *23*	3E-6 *3*
CE O 129.905	4E-4 % *4*	6E-7 *6*
CE P 129.995	4E-5 % *4*	5E-8 *5*
CE L 139.60 *5*	0.036 % *6*	5.0E-5 *9*
CE K 140.48 *5*	0.09 % *3*	1.3E-4 *4*
CE K 143.372 *15*	0.73 % *6*	0.00105 *9*
CE L 150.961 *22*	0.370 % *24*	5.6E-4 *4*
CE M 152.39 *5*	0.0085 % *14*	1.30E-5 *22*
CE N 155.54 *5*	0.0022 % *4*	3.4E-6 *6*
CE O 156.45 *5*	4.6E-4 % *8*	7.2E-7 *12*
CE P 156.54 *5*	5.9E-5 % *10*	9.3E-8 *16*
CE M 163.751 *20*	0.087 % *6*	1.43E-4 *9*
CE N 166.905 *20*	0.0225 % *15*	3.76E-5 *24*
CE O 167.805 *20*	0.0047 % *3*	7.9E-6 *5*
CE P 167.895 *20*	6.1E-4 % *4*	1.02E-6 *7*

CE L	174.317 *13*	0.135 % *9*	2.34E-4 *17*
CE K	174.97 *6*	0.044 % *4*	7.8E-5 *8*
CE M	187.107 *9*	0.0319 % *23*	6.0E-5 *4*
CE N	190.261 *9*	0.0082 % *6*	1.56E-5 *11*
CE O	191.161 *8*	0.00171 % *12*	3.27E-6 *23*
CE P	191.251 *8*	2.19E-4 % *16*	4.2E-7 *3*
CE K	199.71 *3*	0.12 % *3*	2.5E-4 *6*
CE L	204.331 *22*	0.200 % *14*	4.1E-4 *3*
CE K	207.543 *14*	17.7 % *11*	0.0368 *22*
CE L	216.64 *5*	0.018 % *4*	4.0E-5 *9*
CE M	217.121 *20*	0.048 % *3*	1.03E-4 *7*
CE L	219.538 *18*	0.134 % *9*	2.95E-4 *21*
CE N	220.275 *20*	0.0122 % *8*	2.69E-5 *18*
CE O	221.175 *20*	0.00254 % *17*	5.6E-6 *4*
CE P	221.265 *20*	3.2E-4 % *3*	7.2E-7 *6*
CE M	229.43 *5*	0.0044 % *9*	1.00E-5 *21*
CE K	231.303 *20*	0.26 % *3*	5.9E-4 *7*
CE M	232.328 *15*	0.0319 % *22*	7.4E-5 *5*
CE N	232.58 *5*	0.00113 % *24*	2.6E-6 *6*
CE O	233.49 *5*	2.3E-4 % *5*	5.5E-7 *12*
CE P	233.58 *5*	2.9E-5 % *7*	6.8E-8 *16*
CE N	235.482 *15*	0.0082 % *6*	1.93E-5 *13*
CE O	236.382 *15*	0.00171 % *12*	4.0E-6 *3*
CE P	236.472 *15*	2.18E-4 % *16*	5.2E-7 *4*
CE K	243.7 *4*	0.032 % *8*	7.8E-5 *19*
CE K	246.0 *3*	0.052 % *7*	1.28E-4 *18*
CE L	251.14 *6*	0.134 % *13*	3.4E-4 *3*
CE M	263.93 *6*	0.037 % *4*	9.7E-5 *10*
CE K	264.048 *15*	0.64 % *5*	0.00168 *13*
CE N	267.08 *6*	0.0095 % *9*	2.5E-5 *3*
CE O	267.99 *6*	0.00183 % *18*	4.9E-6 *5*
CE P	268.08 *6*	1.74E-4 % *17*	4.7E-7 *5*
CE L	275.88 *3*	0.025 % *3*	6.9E-5 *9*
CE K	280.04 *8*	0.093 % *11*	2.6E-4 *3*
CE L	283.709 *16*	4.5 % *3*	0.0128 *8*
CE M	288.67 *3*	0.0061 % *7*	1.75E-5 *20*
CE N	291.82 *3*	0.00157 % *18*	4.6E-6 *5*
CE O	292.72 *3*	3.2E-4 % *4*	9.4E-7 *11*
CE P	292.81 *3*	4.0E-5 % *6*	1.16E-7 *17*
CE M	296.499 *14*	1.13 % *7*	0.00334 *20*
CE N	299.653 *13*	0.292 % *18*	8.8E-4 *5*
CE K	299.83 *6*	0.155 % *19*	4.6E-4 *6*
CE O	300.553 *13*	0.061 % *4*	1.83E-4 *11*

CE P	300.643 *13*	0.0076 % *5*	2.29E-5 *14*
CE L	307.469 *22*	0.046 % *4*	1.41E-4 *13*
CE K	317.99 *4*	0.0200 % *15*	6.4E-5 *5*
CE L	319.9 *4*	0.0064 % *10*	2.1E-5 *3*
CE M	320.259 *20*	0.0108 % *9*	3.5E-5 *3*
CE L	322.2 *3*	0.0092 % *12*	2.9E-5 *4*
CE N	323.413 *20*	0.00278 % *24*	9.0E-6 *8*
CE O	324.313 *20*	5.8E-4 % *5*	1.87E-6 *17*
CE P	324.403 *20*	7.5E-5 % *7*	2.42E-7 *24*
CE M	332.7 *4*	0.00154 % *21*	5.1E-6 *7*
CE M	335.0 *3*	0.0022 % *3*	7.2E-6 *10*
CE N	335.8 *4*	4.0E-4 % *5*	1.33E-6 *18*
CE O	336.7 *4*	8.2E-5 % *12*	2.8E-7 *4*
CE P	336.8 *4*	1.02E-5 % *16*	3.4E-8 *5*
CE N	338.1 *3*	5.6E-4 % *7*	1.88E-6 *25*
CE O	339.01 *25*	1.16E-4 % *15*	3.9E-7 *5*
CE P	339.10 *25*	1.50E-5 % *20*	5.1E-8 *7*
CE L	340.214 *18*	0.115 % *9*	3.9E-4 *3*
CE M	353.004 *15*	0.0272 % *21*	9.6E-5 *7*
CE K	356.01 *13*	0.030 % *3*	1.06E-4 *10*
CE N	356.158 *15*	0.0070 % *5*	2.49E-5 *19*
CE L	356.20 *8*	0.0162 % *19*	5.8E-5 *7*
CE O	357.058 *15*	0.00146 % *11*	5.2E-6 *4*
CE P	357.148 *15*	1.87E-4 % *14*	6.7E-7 *5*
CE K	363.645 *20*	0.238 % *20*	8.7E-4 *7*
CE K	366.58 *3*	0.045 % *3*	1.65E-4 *12*
CE M	368.99 *8*	0.0038 % *4*	1.41E-5 *16*
CE N	372.14 *8*	9.8E-4 % *11*	3.7E-6 *4*
CE O	373.05 *8*	2.06E-4 % *24*	7.7E-7 *9*
CE P	373.14 *8*	2.7E-5 % *3*	9.9E-8 *11*
CE K	374.011 *14*	0.184 % *13*	6.9E-4 *5*
CE L	376.00 *6*	0.027 % *3*	1.02E-4 *10*
CE M	388.79 *6*	0.0064 % *6*	2.48E-5 *24*
CE N	391.94 *6*	0.00165 % *17*	6.4E-6 *6*
CE O	392.85 *6*	3.4E-4 % *3*	1.35E-6 *14*
CE P	392.94 *6*	4.4E-5 % *5*	1.74E-7 *19*
CE L	394.16 *4*	0.0085 % *6*	3.3E-5 *3*
CE M	406.95 *4*	0.00216 % *16*	8.8E-6 *7*
CE N	410.10 *4*	5.5E-4 % *4*	2.27E-6 *17*
CE K	410.29 *13*	0.040 % *18*	1.6E-4 *8*
CE O	411.01 *4*	1.10E-4 % *8*	4.5E-7 *3*
CE P	411.10 *4*	1.16E-5 % *9*	4.8E-8 *4*
CE K	421.6 *9*	0.0075 % *10*	3.2E-5 *4*

CE K	427.68 *9*	0.078 % *8*	3.3E-4 *4*
CE L	432.18 *13*	0.0052 % *5*	2.23E-5 *20*
CE K	436.68 *3*	0.309 % *23*	0.00135 *10*
CE L	439.811 *22*	0.041 % *3*	1.82E-4 *15*
CE L	442.75 *3*	0.0167 % *12*	7.4E-5 *6*
CE M	444.97 *13*	0.00122 % *11*	5.4E-6 *5*
CE N	448.12 *13*	3.1E-4 % *3*	1.41E-6 *13*
CE O	449.03 *13*	6.6E-5 % *6*	2.9E-7 *3*
CE P	449.12 *13*	8.5E-6 % *8*	3.8E-8 *3*
CE L	450.177 *16*	0.067 % *5*	3.01E-4 *22*
CE M	452.601 *20*	0.0097 % *8*	4.4E-5 *4*
CE M	455.54 *3*	0.0042 % *3*	1.92E-5 *14*
CE N	455.755 *20*	0.00250 % *21*	1.14E-5 *9*
CE O	456.655 *20*	5.2E-4 % *4*	2.39E-6 *20*
CE P	456.745 *20*	6.8E-5 % *6*	3.1E-7 *3*
CE N	458.69 *3*	0.00108 % *8*	5.0E-6 *4*
CE O	459.60 *3*	2.15E-4 % *16*	9.9E-7 *7*
CE P	459.69 *3*	2.33E-5 % *17*	1.07E-7 *8*
CE M	462.967 *14*	0.0169 % *12*	7.8E-5 *6*
CE N	466.121 *13*	0.0043 % *3*	2.02E-5 *15*
CE O	467.021 *13*	8.6E-4 % *6*	4.0E-6 *3*
CE P	467.111 *13*	9.4E-5 % *7*	4.4E-7 *3*
CE L	486.46 *13*	0.007 % *3*	3.6E-5 *14*
CE K	490.24 *3*	0.113 % *19*	5.5E-4 *9*
CE K	495.228 *23*	0.43 % *8*	0.0021 *4*
CE L	497.8 *9*	0.0025 % *3*	1.23E-5 *16*
CE M	499.25 *13*	0.0017 % *6*	9E-6 *3*
CE N	502.40 *13*	4.5E-4 % *16*	2.3E-6 *8*
CE O	503.31 *13*	9E-5 % *4*	4.7E-7 *18*
CE P	503.40 *13*	1.2E-5 % *4*	6.0E-8 *22*
CE L	503.84 *9*	0.0135 % *13*	6.8E-5 *6*
CE M	510.6 *9*	6.2E-4 % *8*	3.2E-6 *4*
CE K	510.7 *5*	0.018 % *7*	9E-5 *3*
CE L	512.85 *3*	0.053 % *4*	2.73E-4 *20*
CE N	513.7 *9*	1.59E-4 % *21*	8.2E-7 *11*
CE O	514.6 *9*	3.2E-5 % *4*	1.63E-7 *21*
CE P	514.7 *9*	3.5E-6 % *5*	1.80E-8 *23*
CE M	516.63 *9*	0.0032 % *3*	1.65E-5 *15*
CE N	519.78 *9*	8.2E-4 % *8*	4.3E-6 *4*
CE O	520.69 *9*	1.71E-4 % *16*	8.9E-7 *8*
CE P	520.78 *9*	2.21E-5 % *21*	1.15E-7 *11*
CE K	524.10 *4*	0.0265 % *18*	1.39E-4 *10*
CE M	525.64 *3*	0.0125 % *9*	6.6E-5 *5*

CE N	528.79 *3*	0.00323 % *24*	1.71E-5 *13*
CE O	529.70 *3*	6.8E-4 % *5*	3.6E-6 *3*
CE P	529.79 *3*	8.7E-5 % *6*	4.6E-7 *3*
CE K	544.165 *20*	0.134 % *18*	7.3E-4 *10*
CE K	554.990 *20*	0.227 % *18*	0.00126 *10*
CE K	565.30 *15*	0.19 % *6*	0.0011 *4*
CE L	566.40 *3*	0.021 % *3*	1.18E-4 *16*
CE L	571.39 *3*	0.105 % *12*	6.0E-4 *7*
CE K	577.30 *7*	0.047 % *5*	2.7E-4 *3*
CE M	579.19 *3*	0.0049 % *6*	2.9E-5 *4*
CE K	582.049 *23*	0.0319 % *24*	1.86E-4 *14*
CE N	582.34 *3*	0.00128 % *18*	7.5E-6 *10*
CE O	583.25 *3*	2.6E-4 % *4*	1.55E-6 *21*
CE P	583.34 *3*	3.4E-5 % *5*	2.0E-7 *3*
CE M	584.184 *23*	0.026 % *3*	1.51E-4 *16*
CE L	586.9 *5*	0.0033 % *10*	1.9E-5 *6*
CE N	587.338 *23*	0.0066 % *7*	3.9E-5 *4*
CE O	588.238 *23*	0.00136 % *14*	8.0E-6 *8*
CE P	588.328 *23*	1.60E-4 % *18*	9.4E-7 *11*
CE K	592.9 *10*	0.092 % *10*	5.4E-4 *6*
CE M	599.7 *5*	7.9E-4 % *24*	4.8E-6 *14*
CE K	600.23 *6*	0.034 % *3*	2.04E-4 *16*
CE L	600.26 *4*	0.0073 % *5*	4.4E-5 *3*
CE N	602.8 *5*	2.0E-4 % *6*	1.2E-6 *4*
CE O	603.7 *5*	4.3E-5 % *14*	2.6E-7 *8*
CE P	603.8 *5*	5.4E-6 % *18*	3.3E-8 *11*
CE M	613.05 *4*	0.00181 % *12*	1.11E-5 *8*
CE N	616.20 *4*	4.7E-4 % *3*	2.87E-6 *20*
CE O	617.11 *4*	9.4E-5 % *6*	5.8E-7 *4*
CE P	617.20 *4*	1.07E-5 % *7*	6.6E-8 *5*
CE L	620.331 *22*	0.023 % *3*	1.44E-4 *17*
CE K	628.04 *4*	0.242 % *21*	0.00152 *13*
CE L	631.156 *22*	0.039 % *3*	2.45E-4 *20*
CE M	633.121 *20*	0.0055 % *6*	3.5E-5 *4*
CE N	636.275 *20*	0.00141 % *17*	9.0E-6 *11*
CE O	637.175 *20*	2.9E-4 % *3*	1.87E-6 *22*
CE P	637.265 *20*	3.8E-5 % *5*	2.4E-7 *3*
CE L	641.46 *15*	0.037 % *9*	2.4E-4 *6*
CE M	643.946 *20*	0.0091 % *7*	5.9E-5 *5*
CE N	647.100 *20*	0.00235 % *19*	1.52E-5 *12*
CE O	648.000 *20*	4.9E-4 % *4*	3.2E-6 *3*
CE P	648.090 *20*	6.4E-5 % *5*	4.1E-7 *3*
CE L	653.47 *7*	0.0121 % *12*	7.9E-5 *8*

CE M	654.25 *15*	0.0091 % *22*	5.9E-5 *14*
CE N	657.40 *15*	0.0023 % *5*	1.5E-5 *3*
CE L	658.21 *3*	0.0051 % *4*	3.4E-5 *3*
CE O	658.31 *15*	4.7E-4 % *11*	3.1E-6 *7*
CE P	658.40 *15*	5.9E-5 % *15*	3.9E-7 *10*
CE K	661.98 *9*	0.00189 % *17*	1.25E-5 *11*
CE M	666.26 *7*	0.0030 % *3*	1.98E-5 *20*
CE L	669.1 *10*	0.0157 % *17*	1.05E-4 *11*
CE N	669.41 *7*	7.6E-4 % *8*	5.1E-6 *5*
CE O	670.32 *7*	1.54E-4 % *16*	1.04E-6 *11*
CE P	670.41 *7*	1.78E-5 % *18*	1.20E-7 *12*
CE M	671.005 *23*	0.00119 % *9*	8.0E-6 *6*
CE N	674.159 *23*	3.04E-4 % *23*	2.05E-6 *15*
CE O	675.059 *23*	6.3E-5 % *5*	4.3E-7 *3*
CE P	675.149 *23*	7.9E-6 % *6*	5.4E-8 *4*
CE K	675.2 *3*	0.00184 % *13*	1.24E-5 *9*
CE L	676.39 *6*	0.0082 % *6*	5.5E-5 *4*
CE M	681.9 *10*	0.0037 % *4*	2.5E-5 *3*
CE N	685.0 *10*	9.5E-4 % *10*	6.5E-6 *7*
CE O	685.9 *10*	1.99E-4 % *21*	1.36E-6 *14*
CE P	686.0 *10*	2.6E-5 % *3*	1.76E-7 *19*
CE M	689.18 *6*	0.00199 % *16*	1.37E-5 *11*
CE N	692.33 *6*	5.1E-4 % *4*	3.5E-6 *3*
CE O	693.24 *6*	1.04E-4 % *8*	7.2E-7 *6*
CE P	693.33 *6*	1.22E-5 % *10*	8.5E-8 *7*
CE L	704.20 *4*	0.041 % *4*	2.9E-4 *3*
CE M	716.99 *4*	0.0097 % *9*	6.9E-5 *6*
CE N	720.14 *4*	0.00249 % *22*	1.80E-5 *16*
CE O	721.05 *4*	5.2E-4 % *5*	3.8E-6 *3*
CE P	721.14 *4*	6.8E-5 % *6*	4.9E-7 *4*
CE K	721.30 *3*	0.383 % *23*	0.00276 *17*
CE K	727.40 *15*	0.0154 % *21*	1.12E-4 *15*
CE L	738.14 *9*	3.0E-4 % *3*	2.20E-6 *20*
CE M	750.93 *9*	7.0E-5 % *6*	5.2E-7 *5*
CE L	751.4 *3*	2.92E-4 % *21*	2.19E-6 *16*
CE N	754.08 *9*	1.78E-5 % *16*	1.34E-7 *12*
CE O	754.99 *9*	3.7E-6 % *3*	2.79E-8 *25*
CE P	755.08 *9*	4.7E-7 % *4*	3.5E-9 *3*
CE M	764.2 *3*	6.8E-5 % *5*	5.2E-7 *4*
CE N	767.3 *3*	1.74E-5 % *12*	1.33E-7 *10*
CE O	768.2 *3*	3.6E-6 % *3*	2.77E-8 *20*
CE P	768.3 *3*	4.6E-7 % *3*	3.5E-9 *3*
CE K	772.2 *4*	0.0056 % *7*	4.3E-5 *5*

CE L	797.47 *3*	0.087 % *5*	6.9E-4 *4*
CE L	803.56 *15*	0.0026 % *4*	2.1E-5 *3*
CE M	810.26 *3*	0.0210 % *13*	1.71E-4 *10*
CE N	813.41 *3*	0.0054 % *3*	4.4E-5 *3*
CE K	813.98 *3*	0.137 % *14*	0.00111 *12*
CE O	814.32 *3*	0.00110 % *7*	9.0E-6 *6*
CE P	814.41 *3*	1.31E-4 % *8*	1.07E-6 *7*
CE M	816.35 *15*	6.1E-4 % *8*	5.0E-6 *7*
CE N	819.50 *15*	1.58E-4 % *22*	1.29E-6 *18*
CE O	820.41 *15*	3.3E-5 % *5*	2.7E-7 *4*
CE P	820.50 *15*	4.3E-6 % *6*	3.5E-8 *5*
CE K	841.5 *3*	5.9E-4 % *6*	5.0E-6 *5*
CE L	848.4 *4*	9.5E-4 % *12*	8.0E-6 *10*
CE M	861.2 *4*	2.2E-4 % *3*	1.91E-6 *24*
CE N	864.3 *4*	5.7E-5 % *7*	4.9E-7 *6*
CE O	865.2 *4*	1.20E-5 % *15*	1.04E-7 *13*
CE P	865.3 *4*	1.55E-6 % *19*	1.34E-8 *17*
CE K	866.68 *18*	0.0041 % *5*	3.5E-5 *4*
CE L	890.14 *3*	0.0234 % *22*	2.09E-4 *20*
CE M	902.93 *3*	0.0055 % *6*	5.0E-5 *5*
CE N	906.08 *3*	0.00142 % *14*	1.28E-5 *12*
CE O	906.99 *3*	3.0E-4 % *3*	2.7E-6 *3*
CE P	907.08 *3*	3.8E-5 % *4*	3.5E-7 *3*
CE K	911.46 *6*	0.0097 % *15*	8.8E-5 *13*
CE L	917.7 *3*	1.24E-4 % *13*	1.14E-6 *12*
CE K	928.57 *12*	0.00192 % *14*	1.78E-5 *13*
CE M	930.5 *3*	3.0E-5 % *3*	2.8E-7 *3*
CE N	933.6 *3*	7.7E-6 % *8*	7.2E-8 *8*
CE O	934.5 *3*	1.58E-6 % *17*	1.47E-8 *16*
CE P	934.6 *3*	1.91E-7 % *20*	1.79E-9 *19*
CE L	942.85 *18*	6.9E-4 % *8*	6.5E-6 *7*
CE M	955.64 *18*	1.63E-4 % *18*	1.55E-6 *17*
CE N	958.79 *18*	4.2E-5 % *5*	4.0E-7 *4*
CE O	959.70 *18*	8.8E-6 % *10*	8.4E-8 *9*
CE P	959.79 *18*	1.14E-6 % *13*	1.09E-8 *12*
CE K	961.11 *4*	0.0161 % *13*	1.55E-4 *12*
CE K	984.58 *3*	0.065 % *5*	6.4E-4 *5*
CE L	987.62 *6*	0.0018 % *3*	1.8E-5 *3*
CE M	1000.41 *6*	4.4E-4 % *7*	4.4E-6 *7*
CE N	1003.56 *6*	1.13E-4 % *17*	1.14E-6 *17*
CE O	1004.47 *6*	2.4E-5 % *4*	2.4E-7 *4*
CE P	1004.56 *6*	3.0E-6 % *5*	3.1E-8 *5*
CE L	1004.73 *12*	2.98E-4 % *21*	2.99E-6 *21*

CE M	1017.52 *12*	6.9E-5 % *5*	7.0E-7 *5*
CE N	1020.67 *12*	1.77E-5 % *13*	1.80E-7 *13*
CE O	1021.58 *12*	3.7E-6 % *3*	3.8E-8 *3*
CE P	1021.67 *12*	4.7E-7 % *3*	4.8E-9 *3*
CE K	1022.091 *24*	0.0232 % *15*	2.37E-4 *16*
CE K	1025.15 *8*	0.00194 % *20*	1.99E-5 *21*
CE K	1034.8 *3*	6.3E-4 % *21*	6.5E-6 *22*
CE L	1037.28 *4*	0.00271 % *22*	2.82E-5 *22*
CE K	1038.61 *6*	8.4E-4 % *7*	8.7E-6 *8*
CE M	1050.07 *4*	6.4E-4 % *5*	6.7E-6 *5*
CE N	1053.22 *4*	1.64E-4 % *13*	1.73E-6 *14*
CE O	1054.13 *4*	3.4E-5 % *3*	3.6E-7 *3*
CE P	1054.22 *4*	4.5E-6 % *4*	4.7E-8 *4*
CE L	1060.74 *3*	0.0123 % *9*	1.30E-4 *10*
CE M	1073.53 *3*	0.00293 % *23*	3.15E-5 *24*
CE N	1076.68 *3*	7.6E-4 % *6*	8.1E-6 *6*
CE O	1077.59 *3*	1.58E-4 % *12*	1.70E-6 *13*
CE P	1077.68 *3*	2.03E-5 % *16*	2.19E-7 *17*
CE K	1086.4 *15*	9.7E-4 % *10*	1.05E-5 *11*
CE K	1095.16 *3*	0.0073 % *5*	8.0E-5 *5*
CE L	1098.26 *3*	0.0045 % *3*	4.9E-5 *3*
CE K	1100.33 *7*	0.0052 % *4*	5.7E-5 *5*
CE L	1101.31 *8*	3.8E-4 % *4*	4.1E-6 *4*
CE L	1111.0 *3*	1.2E-4 % *4*	1.3E-6 *5*
CE M	1111.047 *24*	0.00107 % *7*	1.19E-5 *8*
CE M	1114.10 *8*	9.0E-5 % *9*	1.00E-6 *10*
CE N	1114.201 *24*	2.75E-4 % *18*	3.06E-6 *20*
CE L	1114.78 *6*	1.29E-4 % *11*	1.43E-6 *12*
CE O	1115.101 *24*	5.7E-5 % *4*	6.3E-7 *4*
CE P	1115.191 *24*	7.0E-6 % *5*	7.8E-8 *5*
CE N	1117.25 *8*	2.30E-5 % *24*	2.6E-7 *3*
CE O	1118.16 *8*	4.7E-6 % *5*	5.3E-8 *6*
CE P	1118.25 *8*	5.8E-7 % *6*	6.5E-9 *7*
CE M	1123.8 *3*	2.9E-5 % *10*	3.3E-7 *11*
CE N	1126.9 *3*	7.4E-6 % *25*	8E-8 *3*
CE M	1127.57 *6*	3.0E-5 % *3*	3.4E-7 *3*
CE O	1127.8 *3*	1.5E-6 % *5*	1.7E-8 *6*
CE P	1127.9 *3*	1.9E-7 % *6*	2.1E-9 *7*
CE N	1130.72 *6*	7.6E-6 % *7*	8.6E-8 *7*
CE O	1131.63 *6*	1.59E-6 % *14*	1.80E-8 *16*
CE P	1131.72 *6*	2.04E-7 % *18*	2.31E-9 *20*
CE K	1132.52 *3*	0.008 % *4*	9E-5 *4*
CE K	1152.35 *5*	0.0059 % *5*	6.7E-5 *6*

CE L	1162.6 *15*	1.83E-4 % *19*	2.13E-6 *23*
CE K	1170.60 *4*	0.0051 % *4*	6.0E-5 *5*
CE L	1171.32 *3*	0.00137 % *9*	1.61E-5 *10*
CE M	1175.4 *15*	4.4E-5 % *5*	5.1E-7 *5*
CE L	1176.50 *7*	8.7E-4 % *7*	1.02E-5 *9*
CE N	1178.5 *15*	1.12E-5 % *12*	1.32E-7 *14*
CE O	1179.4 *15*	2.32E-6 % *25*	2.7E-8 *3*
CE P	1179.5 *15*	2.9E-7 % *3*	3.4E-9 *4*
CE K	1182.1 *3*	5.2E-4 % *5*	6.2E-6 *6*
CE M	1184.11 *3*	3.27E-4 % *21*	3.87E-6 *25*
CE N	1187.26 *3*	8.4E-5 % *5*	1.00E-6 *6*
CE O	1188.17 *3*	1.73E-5 % *11*	2.06E-7 *13*
CE P	1188.26 *3*	2.15E-6 % *14*	2.55E-8 *16*
CE M	1189.29 *7*	2.04E-4 % *17*	2.43E-6 *20*
CE K	1189.97 *4*	0.0046 % *3*	5.4E-5 *4*
CE N	1192.44 *7*	5.2E-5 % *4*	6.2E-7 *5*
CE O	1193.35 *7*	1.10E-5 % *9*	1.31E-7 *11*
CE P	1193.44 *7*	1.42E-6 % *12*	1.70E-8 *14*
CE L	1208.68 *3*	0.0014 % *6*	1.7E-5 *7*
CE M	1221.47 *3*	3.4E-4 % *13*	4.2E-6 *16*
CE N	1224.62 *3*	8E-5 % *4*	1.0E-6 *4*
CE O	1225.53 *3*	1.8E-5 % *7*	2.2E-7 *9*
CE P	1225.62 *3*	2.4E-6 % *10*	2.9E-8 *12*
CE L	1228.52 *5*	9.8E-4 % *9*	1.21E-5 *11*
CE K	1230.02 *15*	2.8E-4 % *4*	3.5E-6 *5*
CE K	1240.9 *10*	6.2E-5 % *7*	7.6E-7 *8*
CE M	1241.31 *5*	2.31E-4 % *21*	2.9E-6 *3*
CE N	1244.46 *5*	5.9E-5 % *5*	7.4E-7 *7*
CE O	1245.37 *5*	1.24E-5 % *11*	1.55E-7 *14*
CE P	1245.46 *5*	1.61E-6 % *14*	2.01E-8 *18*
CE K	1246.07 *16*	3.8E-4 % *4*	4.7E-6 *6*
CE L	1246.77 *4*	8.5E-4 % *7*	1.07E-5 *9*
CE L	1258.2 *3*	9.6E-5 % *10*	1.21E-6 *12*
CE M	1259.56 *4*	2.01E-4 % *17*	2.53E-6 *21*
CE N	1262.71 *4*	5.2E-5 % *4*	6.5E-7 *5*
CE O	1263.62 *4*	1.08E-5 % *9*	1.36E-7 *11*
CE P	1263.71 *4*	1.40E-6 % *12*	1.77E-8 *15*
CE L	1266.14 *4*	8.4E-4 % *6*	1.06E-5 *7*
CE M	1271.0 *3*	2.28E-5 % *24*	2.9E-7 *3*
CE N	1274.2 *3*	5.9E-6 % *6*	7.5E-8 *8*
CE O	1275.08 *25*	1.21E-6 % *13*	1.55E-8 *16*
CE P	1275.17 *25*	1.51E-7 % *16*	1.93E-9 *20*
CE M	1278.93 *4*	1.99E-4 % *14*	2.55E-6 *17*

CE N	1282.08 *4*	5.1E-5 % *3*	6.6E-7 *4*
CE O	1282.99 *4*	1.06E-5 % *7*	1.36E-7 *9*
CE P	1283.08 *4*	1.32E-6 % *9*	1.69E-8 *12*
CE K	1303.08 *4*	0.00181 % *12*	2.36E-5 *16*
CE L	1306.18 *15*	4.3E-5 % *6*	5.6E-7 *8*
CE K	1316.76 *5*	0.0082 % *6*	1.08E-4 *7*
CE L	1317.1 *10*	9.4E-6 % *10*	1.24E-7 *13*
CE M	1318.97 *15*	1.00E-5 % *14*	1.31E-7 *18*
CE K	1320.05 *5*	0.0071 % *5*	9.3E-5 *6*
CE N	1322.12 *15*	2.6E-6 % *4*	3.4E-8 *5*
CE L	1322.23 *16*	5.8E-5 % *7*	7.6E-7 *9*
CE O	1323.03 *15*	5.3E-7 % *7*	7.0E-9 *10*
CE P	1323.12 *15*	6.8E-8 % *9*	9.0E-10 *12*
CE M	1329.9 *10*	2.18E-6 % *23*	2.9E-8 *3*
CE N	1333.0 *10*	5.6E-7 % *6*	7.4E-9 *8*
CE O	1333.9 *10*	1.17E-7 % *12*	1.56E-9 *17*
CE P	1334.0 *10*	1.50E-8 % *16*	2.00E-10 *21*
CE M	1335.02 *16*	1.34E-5 % *16*	1.79E-7 *21*
CE N	1338.17 *16*	3.4E-6 % *4*	4.6E-8 *5*
CE O	1339.08 *16*	7.2E-7 % *9*	9.6E-9 *11*
CE P	1339.17 *16*	9.2E-8 % *11*	1.23E-9 *15*
CE K	1362.0 *3*	1.1E-4 % *3*	1.4E-6 *4*
CE L	1379.25 *4*	2.77E-4 % *19*	3.8E-6 *3*
CE M	1392.04 *4*	6.4E-5 % *4*	8.9E-7 *6*
CE L	1392.92 *5*	0.00138 % *9*	1.92E-5 *13*
CE N	1395.19 *4*	1.64E-5 % *11*	2.29E-7 *15*
CE K	1395.81 *12*	3.5E-4 % *4*	4.9E-6 *5*
CE O	1396.10 *4*	3.42E-6 % *23*	4.8E-8 *3*
CE P	1396.19 *4*	4.4E-7 % *3*	6.2E-9 *4*
CE L	1396.21 *5*	0.00118 % *8*	1.65E-5 *11*
CE M	1405.71 *5*	3.23E-4 % *22*	4.5E-6 *3*
CE N	1408.86 *5*	8.3E-5 % *6*	1.17E-6 *8*
CE M	1409.00 *5*	2.78E-4 % *19*	3.9E-6 *3*
CE O	1409.77 *5*	1.74E-5 % *12*	2.45E-7 *17*
CE P	1409.86 *5*	2.26E-6 % *15*	3.19E-8 *22*
CE N	1412.15 *5*	7.1E-5 % *5*	1.01E-6 *7*
CE O	1413.06 *5*	1.50E-5 % *10*	2.12E-7 *14*
CE P	1413.15 *5*	1.95E-6 % *13*	2.75E-8 *19*
CE K	1417.79 *8*	0.00312 % *24*	4.4E-5 *3*
CE K	1417.79 *8*	0.00312 % *24*	4.4E-5 *3*
CE L	1438.1 *3*	1.9E-5 % *5*	2.7E-7 *7*
CE M	1450.9 *3*	4.5E-6 % *11*	6.5E-8 *16*
CE N	1454.1 *3*	1.1E-6 % *3*	1.7E-8 *4*

CE O	1454.97 *25*	2.4E-7 % *6*	3.5E-9 *9*
CE P	1455.06 *25*	3.0E-8 % *8*	4.3E-10 *11*
CE L	1471.97 *12*	5.4E-5 % *6*	7.9E-7 *8*
CE M	1484.76 *12*	1.24E-5 % *13*	1.85E-7 *20*
CE N	1487.91 *12*	3.2E-6 % *3*	4.7E-8 *5*
CE O	1488.82 *12*	6.7E-7 % *7*	9.9E-9 *11*
CE P	1488.91 *12*	8.6E-8 % *9*	1.28E-9 *14*
CE L	1493.95 *8*	5.2E-4 % *4*	7.8E-6 *6*
CE L	1493.95 *8*	5.2E-4 % *4*	7.8E-6 *6*
CE M	1506.74 *8*	1.22E-4 % *9*	1.83E-6 *14*
CE M	1506.74 *8*	1.22E-4 % *9*	1.83E-6 *14*
CE N	1509.89 *8*	3.14E-5 % *24*	4.7E-7 *4*
CE N	1509.89 *8*	3.14E-5 % *24*	4.7E-7 *4*
CE O	1510.80 *8*	6.6E-6 % *5*	9.9E-8 *8*
CE O	1510.80 *8*	6.6E-6 % *5*	9.9E-8 *8*
CE P	1510.89 *8*	8.5E-7 % *7*	1.29E-8 *10*
CE P	1510.89 *8*	8.5E-7 % *7*	1.29E-8 *10*
CE K	1548.71 *6*	9.2E-4 % *6*	1.42E-5 *10*
CE K	1590.96 *18*	2.6E-4 % *3*	4.2E-6 *5*
CE L	1624.88 *6*	1.39E-4 % *9*	2.26E-6 *15*
CE K	1637.66 *6*	0.0081 % *6*	1.33E-4 *9*
CE M	1637.67 *6*	3.21E-5 % *22*	5.3E-7 *4*
CE N	1640.82 *6*	8.2E-6 % *6*	1.35E-7 *9*
CE O	1641.73 *6*	1.72E-6 % *12*	2.83E-8 *19*
CE P	1641.82 *6*	2.22E-7 % *15*	3.65E-9 *25*
CE L	1667.13 *18*	4.6E-5 % *6*	7.6E-7 *9*
CE K	1674.9 *5*	1.5E-4 % *3*	2.5E-6 *5*
CE M	1679.92 *18*	1.07E-5 % *13*	1.80E-7 *22*
CE N	1683.07 *18*	2.8E-6 % *3*	4.6E-8 *6*
CE O	1683.98 *18*	5.7E-7 % *7*	9.6E-9 *12*
CE P	1684.07 *18*	7.3E-8 % *9*	1.22E-9 *15*
CE K	1688.57 *7*	0.00211 % *16*	3.6E-5 *3*
CE K	1693.46 *7*	0.00334 % *22*	5.7E-5 *4*
CE L	1713.82 *6*	0.00139 % *10*	2.39E-5 *17*
CE K	1718.32 *23*	2.0E-4 % *4*	3.4E-6 *8*
CE M	1726.61 *6*	3.27E-4 % *23*	5.7E-6 *4*
CE N	1729.76 *6*	8.4E-5 % *6*	1.45E-6 *10*
CE O	1730.67 *6*	1.75E-5 % *12*	3.03E-7 *21*
CE P	1730.76 *6*	2.22E-6 % *15*	3.8E-8 *3*
CE L	1751.1 *5*	2.5E-5 % *5*	4.5E-7 *9*
CE M	1763.9 *5*	6.0E-6 % *11*	1.05E-7 *20*
CE L	1764.73 *7*	3.5E-4 % *3*	6.2E-6 *5*
CE N	1767.0 *5*	1.5E-6 % *3*	2.7E-8 *5*

CE O	1767.9 *5*	3.2E-7 % *6*	5.6E-9 *11*
CE P	1768.0 *5*	4.1E-8 % *8*	7.2E-10 *14*
CE L	1769.63 7	5.6E-4 % *4*	9.8E-6 7
CE M	1777.52 7	8.2E-5 % *6*	1.46E-6 *11*
CE N	1780.67 7	2.12E-5 % *16*	3.8E-7 *3*
CE O	1781.58 7	4.4E-6 % *3*	7.9E-8 *6*
CE P	1781.67 7	5.8E-7 % *4*	1.03E-8 *8*
CE M	1782.42 7	1.30E-4 % *9*	2.33E-6 *16*
CE N	1785.57 7	3.36E-5 % *23*	6.0E-7 *4*
CE O	1786.48 7	7.0E-6 % *5*	1.26E-7 *8*
CE P	1786.57 7	9.1E-7 % *6*	1.63E-8 *11*
CE L	1794.48 *23*	3.0E-5 % *7*	5.3E-7 *12*
CE K	1803.9 *5*	1.9E-4 % *6*	3.5E-6 *11*
CE M	1807.27 *23*	6.8E-6 % *16*	1.2E-7 *3*
CE N	1810.42 *23*	1.8E-6 % *4*	3.2E-8 *7*
CE O	1811.33 *23*	3.7E-7 % *8*	6.6E-9 *15*
CE P	1811.42 *23*	4.7E-8 % *11*	8.6E-10 *20*
CE L	1880.1 *5*	3.2E-5 % *10*	6.0E-7 *19*
CE M	1892.9 *5*	7.5E-6 % *23*	1.4E-7 *4*
CE N	1896.0 *5*	1.9E-6 % *6*	3.7E-8 *11*
CE O	1896.9 *5*	4.1E-7 % *13*	7.7E-9 *24*
CE P	1897.0 *5*	5.3E-8 % *16*	1.0E-9 *3*
CE K	1900.6 *5*	2.9E-4 % *6*	5.5E-6 *11*
CE L	1976.8 *5*	5.5E-5 % *11*	1.09E-6 *22*
CE M	1989.6 *5*	1.3E-5 % *3*	2.6E-7 *5*
CE N	1992.7 *5*	3.4E-6 % *7*	6.7E-8 *14*
CE O	1993.6 *5*	7.0E-7 % *14*	1.4E-8 *3*
CE P	1993.7 *5*	8.8E-8 % *18*	1.8E-9 *4*
CE K	2006.4 *5*	3.4E-4 % *12*	6.9E-6 *23*
CE K	2050.47 *12*	3.9E-4 % *5*	8.0E-6 *9*
CE L	2082.6 *5*	5.7E-5 % *19*	1.2E-6 *4*
CE M	2095.4 *5*	1.3E-5 % *4*	2.8E-7 *9*
CE K	2095.7 *3*	7.6E-5 % *11*	1.59E-6 *23*
CE N	2098.5 *5*	3.4E-6 % *12*	7.2E-8 *24*
CE O	2099.4 *5*	7.2E-7 % *24*	1.5E-8 *5*
CE P	2099.5 *5*	9E-8 % *3*	2.0E-9 *7*
CE L	2126.63 *12*	6.5E-5 % *8*	1.38E-6 *16*
CE M	2139.42 *12*	1.52E-5 % *18*	3.2E-7 *4*
CE N	2142.57 *12*	3.9E-6 % *5*	8.4E-8 *10*
CE O	2143.48 *12*	8.2E-7 % *10*	1.76E-8 *20*
CE P	2143.57 *12*	1.06E-7 % *12*	2.3E-9 *3*
CE L	2171.9 *3*	1.14E-5 % *17*	2.5E-7 *4*
CE M	2184.6 *3*	2.6E-6 % *4*	5.7E-8 *8*

CE N	2187.8 *3*	6.7E-7 % *10*	1.47E-8 *22*
CE O	2188.70 *25*	1.41E-7 % *21*	3.1E-9 *5*
CE P	2188.79 *25*	1.8E-8 % *3*	4.0E-10 *6*
CE K	2200.7 *3*	3.3E-4 % *5*	7.2E-6 *12*
CE K	2210.4 *3*	2.9E-4 % *4*	6.4E-6 *10*
CE L	2276.9 *3*	5.7E-5 % *9*	1.29E-6 *21*
CE L	2286.6 *3*	5.0E-5 % *8*	1.13E-6 *18*
CE M	2289.7 *3*	1.33E-5 % *22*	3.0E-7 *5*
CE N	2292.8 *3*	3.4E-6 % *6*	7.9E-8 *13*
CE O	2293.72 *25*	7.2E-7 % *12*	1.6E-8 *3*
CE P	2293.81 *25*	9.3E-8 % *15*	2.1E-9 *4*
CE M	2299.4 *3*	1.17E-5 % *18*	2.7E-7 *4*
CE N	2302.5 *3*	3.0E-6 % *5*	6.9E-8 *11*
CE O	2303.4 *3*	6.3E-7 % *10*	1.45E-8 *22*
CE P	2303.5 *3*	8.2E-8 % *13*	1.9E-9 *3*
CE K	2421.20 *15*	6.0E-5 % *15*	1.4E-6 *4*
CE K	2489.3 *4*	4.2E-5 % *4*	1.06E-6 *11*
CE L	2497.36 *15*	9.6E-6 % *24*	2.4E-7 *6*
CE M	2510.15 *15*	2.2E-6 % *6*	5.6E-8 *14*
CE N	2513.30 *15*	5.8E-7 % *15*	1.4E-8 *4*
CE O	2514.21 *15*	1.2E-7 % *3*	3.0E-9 *8*
CE P	2514.30 *15*	1.6E-8 % *4*	3.9E-10 *10*
CE L	2565.5 *4*	7.0E-6 % *7*	1.80E-7 *18*
CE M	2578.3 *4*	1.64E-6 % *17*	4.2E-8 *4*
CE N	2581.4 *4*	4.2E-7 % *4*	1.09E-8 *11*
CE O	2582.3 *4*	8.8E-8 % *9*	2.28E-9 *23*
CE P	2582.4 *4*	1.15E-8 % *12*	3.0E-10 *3*
CE K	2628.2 *5*	2.1E-4 % *5*	5.5E-6 *12*
CE L	2704.4 *5*	3.7E-5 % *8*	1.01E-6 *23*
CE K	2707.5 *4*	1.83E-5 % *19*	5.0E-7 *5*
CE M	2717.2 *5*	8.8E-6 % *20*	2.4E-7 *5*
CE N	2720.3 *5*	2.3E-6 % *5*	6.2E-8 *14*
CE O	2721.2 *5*	4.8E-7 % *11*	1.3E-8 *3*
CE P	2721.3 *5*	6.1E-8 % *14*	1.7E-9 *4*
CE L	2783.7 *4*	2.7E-6 % *3*	7.6E-8 *8*
CE M	2796.5 *4*	6.3E-7 % *7*	1.76E-8 *19*
CE N	2799.6 *4*	1.61E-7 % *17*	4.5E-9 *5*
CE O	2800.5 *4*	3.4E-8 % *4*	9.5E-10 *10*
CE P	2800.6 *4*	4.4E-9 % *5*	1.23E-10 *13*
CE K	2875.4 *5*	5.9E-5 % *12*	1.7E-6 *3*
CE L	2951.6 *5*	9.9E-6 % *20*	2.9E-7 *6*
CE M	2964.4 *5*	2.3E-6 % *5*	6.9E-8 *14*
CE N	2967.5 *5*	6.0E-7 % *12*	1.8E-8 *4*

CE O	2968.4 *5*	1.3E-7 % *3*	3.7E-9 *8*
CE P	2968.5 *5*	1.6E-8 % *3*	4.8E-10 *10*

Gamma and X-ray radiation:

	Energy (keV)	Intensity (%)	Dose (MeV/Bq-s)
XR l	11.1	38.3 % *18*	0.00425 *20*
	68.55 *2*	0.140 % *14*	9.6E-5 *10*
XR kα2	76.863	24.6 % *9*	0.0189 *7*
XR kα1	79.29	41.0 % *15*	0.0325 *12*
XR kβ3	89.256	4.96 % *18*	0.00442 *16*
XR kβ1	89.807	9.5 % *3*	0.0086 *3*
XR kβ2	92.317	3.51 % *13*	0.00324 *12*
	97.27 *4*	0.029 % *3*	2.8E-5 *3*
	109.1	7E-4 % *7*	7E-7 *7*
	130 ?	0.023 % *23*	3E-5 *3*
	156.54 *5*	0.081 % *14*	1.27E-4 *22*
	167.900 *20*	1.01 % *6*	0.00170 *11*
	191.256 *8*	0.53 % *4*	0.00102 *7*
	213.87 *7*	0.11 % *3*	2.3E-4 *6*
	221.270 *20*	1.20 % *8*	0.00266 *17*
	233.58 *5*	0.13 % *3*	3.1E-4 *6*
	236.477 *15*	0.98 % *7*	0.00231 *16*
	264.04 *14*	0.17 % *5*	4.5E-4 *12*
	268.08 *6*	0.194 % *19*	5.2E-4 *5*
	278.8 *3*	0.135 % *14*	3.8E-4 *4*
	292.816 *25*	0.36 % *3*	0.00107 *10*
	300.648 *13*	12.9 % *8*	0.0389 *23*
	324.408 *20*	0.80 % *6*	0.00260 *19*
	336.8 *4*	0.140 % *14*	4.7E-4 *5*
	339.10 *25*	0.180 % *23*	6.1E-4 *8*
	357.153 *15*	2.70 % *20*	0.0097 *7*
	373.14 *8*	0.41 % *5*	0.00153 *18*
	392.94 *6*	0.81 % *7*	0.0032 *3*
	411.10 *4*	0.60 % *4*	0.00246 *18*
	438.5 *5* ?	0.090 % *9*	4.0E-4 *4*
	449.12 *13*	0.216 % *19*	9.7E-4 *9*
	456.750 *20*	1.80 % *15*	0.0082 *7*
	459.69 *3*	1.71 % *13*	0.0079 *6*
	467.116 *13*	7.2 % *5*	0.0337 *24*
	473.04 *25*	0.158 % *23*	7.5E-4 *11*
	487.96 *8*	0.29 % *5*	0.0014 *3*

	503.40 *13*	0.50 % *14*	0.0025 *7*
Annihil.	511.0	2.8 % *4*	
	514.7 *9*	0.36 % *5*	0.00186 *24*
	520.78 *9*	0.86 % *6*	0.0045 *3*
	529.790 *25*	3.5 % *3*	0.0184 *13*
	553.58 *22*	0.117 % *23*	6.5E-4 *13*
	562.10 *20*	0.072 % *23*	4.1E-4 *13*
	583.34 *3*	2.21 % *15*	0.0129 *9*
	588.333 *23*	19.5 % *12*	0.115 *7*
	603.8 *5*	0.36 % *7*	0.0022 *4*
	617.20 *4*	1.82 % *12*	0.0113 *8*
	626.77 *4*	1.94 % *13*	0.0121 *8*
	637.270 *20*	2.52 % *24*	0.0161 *15*
	641.00 *7*	0.54 % *18*	0.0035 *12*
	641.00 *7* ?	0.18 % *18*	0.0012 *12*
	648.095 *20*	4.3 % *3*	0.0280 *22*
	658.40 *15*	6.5 % *8*	0.043 *5*
	670.41 *7*	3.8 % *4*	0.025 *3*
	675.154 *23*	6.8 % *5*	0.046 *3*
	681.80 *14*	0.068 % *9*	4.6E-4 *6*
	686.0 *10*	2.03 % *21*	0.0139 *15*
	693.33 *6*	2.61 % *20*	0.0181 *14*
	721.14 *4*	6.1 % *5*	0.044 *4*
	755.08 *9*	0.50 % *4*	0.0038 *3*
	765.03 *10*	0.58 % *4*	0.0044 *3*
	768.3 *3*	0.50 % *4*	0.0039 *3*
	772.20 *15*	0.41 % *3*	0.00313 *23*
	789.54 *25*	0.23 % *3*	0.00178 *22*
	814.41 *3*	45 % *3*	0.367 *22*
	820.50 *15*	0.54 % *7*	0.0044 *6*
	852.46 *16*	0.248 % *24*	0.00211 *20*
	862.46 *5*	0.72 % *5*	0.0062 *5*
	862.46 *5*	0.72 % *5*	0.0062 *5*
	865.3 *4*	0.23 % *3*	0.00195 *24*
	907.08 *3*	6.7 % *5*	0.061 *4*
	934.6 *3*	0.090 % *9*	8.4E-4 *9*
	948.37 *10*	0.68 % *6*	0.0064 *6*
	959.79 *18*	0.216 % *24*	0.00208 *23*
	1001.5 *5* ?	0.090 % *9*	9.0E-4 *9*
	1004.56 *6*	0.24 % *4*	0.0024 *4*
	1015.40 *8*	0.24 % *3*	0.0024 *3*
	1021.67 *12*	0.88 % *6*	0.0090 *6*
	1042.39 *8*	0.30 % *3*	0.0031 *3*

1054.22 *4*	1.08 % *8*	0.0114 *9*
1077.68 *3*	1.98 % *15*	0.0214 *16*
1087.06 *10*	0.27 % *3*	0.0030 *4*
1095.13 *15*	0.167 % *23*	0.0018 *3*
1115.196 *24*	4.9 % *3*	0.054 *3*
1118.25 *8*	0.41 % *4*	0.0046 *5*
1127.9 *3* ?	0.14 % *5*	0.0015 *5*
1131.72 *6*	0.46 % *4*	0.0052 *4*
1139.03 *22*	0.077 % *23*	9E-4 *3*
1154.65 *11*	0.162 % *23*	0.0019 *3*
1163.2 *4*	0.090 % *23*	0.0010 *3*
1171.62 *4*	1.26 % *9*	0.0147 *10*
1174.60 *8*	0.46 % *4*	0.0055 *5*
1179.5 *15*	0.225 % *24*	0.0027 *3*
1188.26 *3*	1.71 % *11*	0.0203 *13*
1193.44 *7*	0.48 % *4*	0.0057 *5*
1225.62 *3*	1.19 % *9*	0.0146 *11*
1242.62 *7*	0.79 % *7*	0.0098 *9*
1245.46 *5*	0.60 % *5*	0.0075 *7*
1263.71 *4*	0.55 % *4*	0.0069 *6*
1275.17 *25*	0.140 % *14*	0.00178 *18*
1277.83 *23*	0.149 % *19*	0.00190 *24*
1283.08 *4*	1.23 % *8*	0.0158 *11*
1298.84 *24*	0.19 % *5*	0.0025 *6*
1305.4 *3*	0.26 % *7*	0.0034 *9*
1320 *1* ?	0.16 % *8*	0.0021 *11*
1323.12 *15*	0.20 % *3*	0.0027 *4*
1331.63 *12*	0.18 % *3*	0.0024 *4*
1334.0 *10*	0.045 % *5*	6.0E-4 *6*
1339.17 *16*	0.28 % *3*	0.0037 *4*
1350.73 *11*	0.42 % *4*	0.0057 *6*
1358.5 *5*	0.03 % *3*	5E-4 *5*
1371 *1*	0.11 % *11*	0.0015 *15*
1396.19 *4*	1.43 % *9*	0.0200 *13*
1409.86 *5*	1.17 % *8*	0.0165 *11*
1413.15 *5*	1.01 % *7*	0.0143 *9*
1450.75 *20*	0.059 % *14*	8.5E-4 *20*
1455.06 *25*	0.036 % *9*	5.2E-4 *13*
1488.91 *12*	0.31 % *3*	0.0046 *5*
1506.97 *9*	0.64 % *5*	0.0097 *7*
1510.89 *8*	0.53 % *4*	0.0080 *6*
1510.89 *8*	0.53 % *4*	0.0080 *6*
1548.21 *8*	1.18 % *8*	0.0182 *13*

1556.54 *11*	0.28 % *3*	0.0043 *5*
1589.19 *15*	0.171 % *19*	0.0027 *3*
1598.31 *18*	0.131 % *14*	0.00209 *23*
1631.16 *20*	0.095 % *14*	0.00154 *23*
1641.82 *6*	0.95 % *6*	0.0156 *10*
1676.50 *10*	3.06 % *21*	0.051 *3*
1684.07 *18*	0.117 % *14*	0.00197 *24*
1697.0 *4*	0.054 % *6*	9.2E-4 *10*
1712.60 *9*	1.34 % *9*	0.0230 *16*
1716.39 *10*	0.94 % *6*	0.0162 *11*
1719.1 *4*	0.19 % *3*	0.0033 *5*
1730.76 *6*	3.8 % *3*	0.066 *4*
1736.7 *4*	0.07 % *3*	0.0012 *5*
1745.32 *7*	0.70 % *5*	0.0123 *8*
1768.0 *5*	0.072 % *14*	0.00127 *24*
1772.77 *7*	0.68 % *5*	0.0120 *8*
1781.67 *7*	0.55 % *4*	0.0097 *7*
1786.57 *7*	0.87 % *6*	0.0155 *10*
1805.25 *6*	0.74 % *6*	0.0133 *11*
1811.42 *23*	0.24 % *5*	0.0043 *10*
1825.52 *18*	0.19 % *3*	0.0035 *6*
1854.54 *9*	0.55 % *4*	0.0101 *8*
1867.97 *25*	0.077 % *23*	0.0014 *4*
1875.74 *15*	0.324 % *25*	0.0061 *5*
1897.0 *5*	0.059 % *18*	0.0011 *3*
1908.22 *25*	0.149 % *23*	0.0028 *4*
1993.7 *5*	0.090 % *18*	0.0018 *4*
2016.25 *10*	0.72 % *5*	0.0145 *11*
2026.78 *18*	0.189 % *19*	0.0038 *4*
2046.2 *3*	0.135 % *23*	0.0028 *5*
2053.0 *3*	0.30 % *4*	0.0061 *8*
2056.2 *3*	0.16 % *3*	0.0032 *6*
2064.5 *3*	0.185 % *19*	0.0038 *4*
2075.27 *7*	0.50 % *5*	0.0103 *10*
2099.5 *5*	0.14 % *5*	0.0028 *10*
2143.57 *12*	0.162 % *19*	0.0035 *4*
2188.79 *25*	0.126 % *18*	0.0028 *4*
2293.81 *25*	0.068 % *11*	0.0016 *3*
2303.5 *3*	0.060 % *9*	0.00138 *21*
2342.65 *10*	0.73 % *6*	0.0172 *14*
2365.45 *20*	0.072 % *10*	0.00171 *24*
2373.45 *25*	0.041 % *6*	9.6E-4 *15*
2393.04 *15*	0.144 % *14*	0.0035 *3*

2457.6 *4*	0.167 % *15*	0.0041 *4*
2473.69 *25*	0.091 % *12*	0.0023 *3*
2486.6 *4*	0.144 % *14*	0.0036 *4*
2514.30 *15*	0.054 % *14*	0.0014 *3*
2535.57 *25*	0.078 % *8*	0.00199 *20*
2566.10 *13*	0.28 % *3*	0.0073 *7*
2572.85 *20*	0.090 % *14*	0.0023 *4*
2582.4 *4*	0.028 % *3*	7.3E-4 *7*
2591.30 *15*	0.194 % *19*	0.0050 *5*
2684.21 *15*	0.132 % *12*	0.0036 *3*
2712.50 *15*	1.23 % *9*	0.0335 *23*
2721.3 *5*	0.041 % *9*	0.00110 *25*
2772.7 *4*	0.095 % *14*	0.0026 *4*
2792.5 *4*	0.032 % *9*	9E-4 *3*
2800.6 *4*	0.045 % *5*	0.00126 *13*
2854.7 *3*	0.054 % *9*	0.0015 *3*
2861.8 *3*	0.054 % *9*	0.0015 *3*
2888.1 *4*	0.045 % *11*	0.0013 *3*
2962.5 *6*	0.027 % *5*	8.0E-4 *14*
2968.5 *5*	0.023 % *5*	6.7E-4 *14*
3008.9 *5*	0.048 % *10*	0.0014 *3*
3080.4 *6*	0.018 % *5*	5.6E-4 *17*
3096.5 *7*	0.027 % *7*	8.2E-4 *21*
3179.2 *5*	0.036 % *6*	0.00115 *18*
3272.1 *5*	0.019 % *3*	6.2E-4 *11*
3458.3 *7*	0.0225 % *24*	7.8E-4 *8*

Gamma Coincidence Data:
For each gamma, the list of gammas in coincidence is given. If experimentally known, an estimate of the average time interval (in seconds) between both gammas is given

E(γ)	Coincidence
68.55	109.1 (2.05E-7), 130 (2.05E-7), 156.54 (2.05E-7), 167.900 (2.05E-7), 191.256 (4.92E-5), 221.270 (2.05E-7), 233.58 (2.05E-7), 264.04 (4.92E-5), 268.08 (4.92E-5), 278.8 (4.92E-5), 292.816 (2.05E-7), 300.648 (2.05E-7), 324.408 (2.05E-7), 336.8 (2.05E-7), 339.10 (2.05E-7), 357.153 (2.05E-7), 373.14 (2.05E-7), 411.10 (2.05E-7), 438.5 (2.05E-7), 449.12 (2.05E-7), 456.750 (4.92E-5), 459.69 (2.05E-7), 467.116 (4.92E-5), 473.04 (2.05E-7), 487.96 (2.05E-7), 503.40 (2.05E-7), 514.7 (2.05E-7), 520.78 (4.92E-5), 529.790 (4.92E-5), 553.58 (2.05E-7), 562.10 (2.05E-7), 603.8 (2.05E-7), 617.20 (2.05E-7), 626.77 (2.05E-7), 641.00 (4.92E-5), 641.00 (4.92E-5), 648.095 (4.92E-5), 658.40 (4.92E-5), 670.41 (2.05E-7), 675.154 (2.05E-7), 681.80 (4.92E-5), 721.14 (4.92E-5), 755.08 (2.05E-7), 765.03 (4.92E-5), 768.3 (2.05E-7), 772.20 (2.05E-7), 789.54 (2.05E-7), 793 (4.92E-5), 820.50 (2.05E-7), 862.46 (2.05E-7), 862.46 (2.05E-7), 865.3 (4.92E-5), 934.6 (2.05E-7), 948.37 (2.05E-7), 1001.5 (2.05E-7), 1004.56 (2.05E-7), 1015.40 (4.92E-5), 1042.39 (4.92E-5), 1054.22 (4.92E-5), 1077.68 (2.05E-7), 1087.06 (4.92E-5), 1095.13 (2.05E-7), 1115.196 (4.92E-5), 1118.25 (2.05E-7), 1127.9 (4.92E-5), 1131.72 (2.05E-7), 1139.03 (4.92E-5), 1154.65 (4.92E-5), 1163.2 (4.92E-5), 1179.5 (4.92E-5), 1188.26 (4.92E-5), 1242.62 (2.05E-7), 1245.46 (4.92E-5), 1263.71 (4.92E-5), 1275.17 (2.05E-7), 1277.83 (4.92E-5), 1283.08 (2.05E-7), 1298.84 (4.92E-5), 1305.4 (4.92E-5), 1323.12 (2.05E-7), 1334.0 (2.05E-7), 1339.17 (4.92E-5), 1350.73 (2.05E-7), 1358.5 (2.05E-7),

1371 (2.05E-7), 1396.19 (2.05E-7), 1409.86 (2.05E-7), 1413.15 (2.05E-7), 1450.75 (2.05E-7), 1455.06 (4.92E-5), 1488.91 (2.05E-7), 1506.97 (2.05E-7), 1556.54 (2.05E-7), 1598.31 (2.05E-7), 1631.16 (2.05E-7), 1684.07 (2.05E-7), 1697.0 (2.05E-7), 1712.60 (4.92E-5), 1716.39 (2.05E-7), 1719.1 (4.92E-5), 1730.76 (4.92E-5), 1736.7 (2.05E-7), 1745.32 (4.92E-5), 1768.0 (2.05E-7), 1772.77 (4.92E-5), 1786.57 (2.05E-7), 1811.42 (2.05E-7), 1854.54 (2.05E-7), 1867.97 (4.92E-5), 1875.74 (4.92E-5), 1897.0 (2.05E-7), 1908.22 (2.05E-7), 1993.7 (2.05E-7), 2026.78 (2.05E-7), 2046.2 (2.05E-7), 2056.2 (2.05E-7), 2064.5 (4.92E-5), 2075.27 (2.05E-7), 2143.57 (2.05E-7), 2188.79 (2.05E-7), 2342.65 (4.92E-5), 2365.45 (2.05E-7), 2457.6 (2.05E-7), 2473.69 (2.05E-7), 2486.6 (2.05E-7), 2514.30 (2.05E-7), 2535.57 (2.05E-7), 2566.10 (2.05E-7), 2572.85 (2.05E-7), 2721.3 (2.05E-7), 2772.7 (2.05E-7), 2800.6 (2.05E-7), 2968.5 (2.05E-7), 3008.9 (2.05E-7)

97.27 109.1, 130, 191.256 (4.90E-5), 221.270, 233.58, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 588.333, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2772.7

109.1 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 459.69, 588.333, 617.20, 686.0, 814.41

130 68.55 (2.05E-7), 97.27, 109.1, 156.54, 167.900, 191.256 (4.90E-5), 236.477, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 292.816, 300.648, 324.408, 336.8, 339.10, 357.153, 373.14, 392.94, 411.10, 449.12, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 588.333, 617.20, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 681.80 (4.90E-5), 686.0, 721.14 (4.90E-5), 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 865.3 (4.90E-5), 948.37, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1450.75, 1455.06 (4.90E-5), 1488.91, 1684.07, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2342.65 (4.90E-5), 2457.6, 2486.6, 2566.10

156.54 68.55 (2.05E-7), 109.1, 130, 167.900, 191.256 (4.90E-5), 221.270, 233.58, 236.477, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 292.816, 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 514.7, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1118.25, 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5),

1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1371, 1396.19,
1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1598.31,
1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5),
1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57,
1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22,
2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5),
2365.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2772.7

167.900 68.55 (2.05E-7), 109.1, 130, 156.54, 191.256 (4.90E-5), 221.270, 233.58, 264.04 (4.90E-5),
268.08 (4.90E-5), 278.8 (4.90E-5), 292.816, 300.648, 336.8, 339.10,
357.153, 373.14, 411.10, 449.12, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5),
473.04, 487.96, 503.40, 514.7, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58,
562.10, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5),
658.40 (4.90E-5), 670.41, 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5),
755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46,
862.46, 865.3 (4.90E-5), 934.6, 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5),
1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1095.13,
1115.196 (4.90E-5), 1118.25, 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5),
1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5),
1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1275.17, 1277.83 (4.90E-5),
1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5),
1350.73, 1358.5, 1371, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5),
1488.91, 1506.97, 1556.54, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5),
1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5),
1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5),
1875.74 (4.90E-5), 1897.0, 1908.22, 1993.7, 2026.78, 2046.2, 2056.2,
2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6,
2473.69, 2486.6, 2535.57, 2566.10, 2721.3, 2772.7, 2800.6, 3008.9

191.256 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5),
221.270, 236.477 (4.90E-5), 278.8, 292.816 (4.90E-5), 300.648 (4.90E-5),
324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 456.750, 467.116, 473.04,
514.7, 520.78, 529.790, 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00,
641.00, 670.41, 675.154, 681.80, 686.0 (4.90E-5), 765.03, 768.3, 814.41 (4.90E-5),
865.3, 907.08, 1015.40, 1042.39, 1054.22, 1087.06, 1139.03, 1154.65,
1163.2

213.87 641.00, 865.3, 1015.40, 1042.39, 2016.25

221.270 68.55 (2.05E-7), 97.27, 156.54, 167.900, 191.256, 236.477, 264.04, 278.8, 292.816,
324.408, 392.94, 449.12, 456.750, 473.04, 487.96, 520.78, 529.790, 562.10,
588.333, 603.8, 617.20, 641.00, 641.00, 648.095, 675.154, 681.80, 686.0, 721.14,
765.03, 865.3, 1001.5, 1015.40, 1042.39, 1054.22, 1087.06, 1127.9, 1139.03,
1154.65, 1163.2, 1245.46, 1263.71, 1277.83, 1305.4, 1323.12, 1334.0, 1396.19,
1450.75, 1455.06, 1506.97, 1719.1, 1867.97, 1875.74, 2188.79, 2365.45,
2473.69, 2535.57

233.58 68.55 (2.05E-7), 97.27, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12,
588.333, 617.20, 686.0, 862.46, 959.79, 1548.21, 1598.31

236.477 109.1, 130, 156.54, 191.256 (4.90E-5), 221.270, 233.58, 264.04 (4.90E-5), 268.08 (4.90E-5),
278.8 (4.90E-5), 292.816, 300.648, 336.8, 339.10, 357.153, 373.14,
411.10, 449.12, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96,
503.40, 514.7, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 603.8,
626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5),
670.41, 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5),
768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5),
934.6, 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5),
1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1095.13, 1115.196 (4.90E-5),
1118.25, 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5),
1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5),
1263.71 (4.90E-5), 1275.17, 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5),
1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5,
1371, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91,
1506.97, 1556.54, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39,
1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0,
1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5),
1897.0, 1908.22, 1993.7, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5),
2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6, 2473.69, 2486.6,
2535.57, 2566.10, 2721.3, 2772.7, 2800.6, 3008.9

264.04

68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 411.10, 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 637.270, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 793, 814.41 (4.90E-5), 907.08, 1001.5, 1127.9, 1225.62, 1320, 1455.06, 1811.42, 2800.6, 2968.5

268.08 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5)

278.8 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 357.153, 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 583.34, 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 765.03, 768.3, 814.41 (4.90E-5), 862.46, 907.08, 934.6, 959.79, 1171.62, 1242.62, 1298.84, 1506.97, 1548.21, 1631.16, 1825.52, 2064.5, 2591.30, 3179.2

292.816 68.55 (2.05E-7), 109.1, 130, 156.54, 167.900, 191.256 (4.90E-5), 221.270, 233.58, 236.477, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 300.648, 324.408, 336.8, 339.10, 357.153, 373.14, 392.94, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2772.7

300.648 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 191.256 (4.90E-5), 236.477, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 292.816, 324.408, 373.14 (4.90E-5), 392.94, 449.12, 456.750 (4.90E-5), 467.116 (4.90E-5), 473.04 (4.90E-5), 503.40 (4.90E-5), 520.78 (4.90E-5), 529.790 (4.90E-5), 562.10 (4.90E-5), 588.333, 617.20, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 681.80 (4.90E-5), 686.0, 721.14 (4.90E-5), 765.03 (4.90E-5), 793 (4.90E-5), 814.41, 865.3 (4.90E-5), 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1339.17 (4.90E-5), 1455.06 (4.90E-5), 1712.60 (4.90E-5), 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1745.32 (4.90E-5), 1772.77 (4.90E-5), 1867.97 (4.90E-5), 1875.74 (4.90E-5), 2064.5 (4.90E-5), 2342.65 (4.90E-5)

324.408 68.55 (2.05E-7), 109.1, 130, 191.256 (4.90E-5), 221.270, 233.58, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 292.816, 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 514.7, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1118.25, 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1371, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54,

1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2772.7

336.8 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 562.10, 588.333, 617.20, 686.0, 772.20, 789.54, 814.41, 948.37, 1174.60, 1350.73, 1358.5, 1371

339.10 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 357.153, 392.94, 449.12, 487.96, 583.34, 588.333, 617.20, 686.0, 814.41, 934.6, 1171.62, 1334.0, 1450.75

357.153 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 278.8, 292.816, 324.408, 339.10, 373.14, 392.94, 449.12, 473.04, 487.96, 503.40, 562.10, 588.333, 617.20, 681.80, 686.0, 765.03, 814.41, 1131.72, 1139.03, 1154.65, 1242.62, 1283.08, 1334.0, 1450.75, 1716.39, 1786.57, 1908.22

373.14 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 300.648 (4.90E-5), 324.408, 357.153, 392.94, 449.12, 473.04, 583.34, 588.333, 617.20, 686.0, 814.41, 934.6, 1171.62, 1283.08, 1339.17

392.94 109.1, 130, 191.256 (4.90E-5), 221.270, 233.58, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 292.816, 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 514.7, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1118.25, 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1371, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2772.7

411.10 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 264.04, 292.816, 324.408, 392.94, 449.12, 487.96, 588.333, 617.20, 641.00, 686.0, 814.41, 865.3, 1004.56, 1015.40, 1042.39, 1077.68, 1139.03, 1154.65, 1736.7, 1811.42, 1854.54, 2075.27

438.5 68.55 (2.05E-7), 588.333, 2053.0, 2572.85

449.12 68.55 (2.05E-7), 109.1, 130, 167.900, 191.256 (4.90E-5), 221.270, 233.58, 236.477, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2772.7

456.750 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 865.3, 907.08, 1015.40, 1042.39

459.69

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467.116 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 236.477 (4.90E-5), 264.04, 278.8, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 456.750, 473.04, 520.78, 529.790, 562.10, 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00, 641.00, 648.095, 681.80, 686.0 (4.90E-5), 721.14, 765.03, 814.41 (4.90E-5), 865.3, 1015.40, 1042.39, 1054.22, 1087.06, 1139.03, 1154.65, 1163.2, 1245.46, 1263.71, 1277.83, 1305.4, 1455.06, 1719.1, 1867.97, 1875.74

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514.7 68.55 (2.05E-7), 156.54, 167.900, 191.256, 236.477, 264.04, 278.8, 324.408, 392.94, 456.750, 473.04, 487.96, 520.78, 529.790, 562.10, 603.8, 641.00, 641.00, 648.095, 675.154, 681.80, 721.14, 765.03, 865.3, 1001.5, 1015.40, 1042.39, 1054.22, 1087.06, 1127.9, 1139.03, 1154.65, 1163.2, 1245.46, 1263.71, 1277.83, 1305.4, 1323.12, 1334.0, 1396.19, 1450.75, 1455.06, 1506.97, 1719.1, 1867.97, 1875.74, 2188.79, 2365.45, 2473.69, 2535.57

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529.790 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08, 1139.03, 1154.65

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562.10 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 221.270, 236.477, 292.816, 300.648 (4.90E-5), 324.408, 336.8, 357.153, 392.94, 449.12, 467.116, 514.7, 583.34, 588.333, 617.20, 670.41, 675.154, 686.0, 768.3, 789.54, 814.41, 907.08, 934.6, 948.37, 1095.13, 1171.62, 1174.60, 1305.4, 1331.63, 1371, 1413.15, 1510.89, 1556.54, 1716.39, 1772.77, 2099.5, 2888.1

583.34 278.8, 339.10, 373.14, 473.04, 487.96, 503.40, 562.10, 588.333, 681.80, 765.03, 1131.72, 1139.03, 1154.65, 1242.62, 1283.08, 1334.0, 1450.75, 1716.39, 1786.57, 1908.22

588.333 97.27, 109.1, 130, 191.256 (4.90E-5), 221.270, 233.58, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 438.5, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 583.34, 603.8, 626.77, 637.270, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 693.33, 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 852.46, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 959.79, 1001.5, 1004.56, 1015.40 (4.90E-5), 1021.67, 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1174.60, 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1193.44, 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1320, 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1510.89, 1589.19, 1598.31, 1631.16, 1641.82, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1805.25, 1811.42, 1825.52,

1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22, 2026.78, 2046.2, 2053.0, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2373.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2591.30, 2684.21, 2712.50, 2772.7, 2792.5, 2854.7, 2861.8

603.8 68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 392.94, 449.12, 487.96, 514.7, 588.333, 617.20, 670.41, 686.0, 907.08, 1334.0, 1450.75

617.20 68.55 (2.05E-7), 109.1, 130, 191.256 (4.90E-5), 221.270, 233.58, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2772.7

626.77 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41, 862.46, 1139.03, 1154.65, 1676.50

637.270 264.04, 487.96, 588.333, 641.00, 865.3, 1004.56, 1015.40, 1042.39, 1077.68, 1139.03, 1154.65, 1736.7, 1811.42, 1854.54, 2075.27

641.00 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 278.8, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 658.40, 670.41, 675.154, 681.80, 686.0 (4.90E-5), 765.03, 768.3, 814.41 (4.90E-5), 907.08

641.00 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 213.87, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 411.10, 449.12 (4.90E-5), 456.750, 467.116, 514.7, 553.58, 588.333 (4.90E-5), 617.20 (4.90E-5), 637.270, 648.095, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 862.46, 907.08, 1004.56, 1115.196, 1225.62, 1323.12, 1641.82, 1676.50, 1993.7, 2016.25

648.095 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 865.3, 907.08, 1015.40, 1042.39

658.40 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 278.8, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 456.750, 473.04, 520.78, 529.790, 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00, 641.00, 681.80, 686.0 (4.90E-5), 765.03, 814.41 (4.90E-5), 865.3, 1015.40, 1042.39, 1054.22, 1087.06, 1139.03, 1154.65, 1163.2

670.41 68.55 (2.05E-7), 167.900, 191.256, 236.477, 264.04, 278.8, 456.750, 473.04, 487.96, 520.78, 529.790, 562.10, 603.8, 641.00, 641.00, 648.095, 675.154, 681.80, 721.14, 765.03, 865.3, 1001.5, 1015.40, 1042.39, 1054.22, 1087.06, 1127.9, 1139.03, 1154.65, 1163.2, 1245.46, 1263.71, 1277.83, 1305.4, 1323.12, 1334.0, 1396.19, 1450.75, 1455.06, 1506.97, 1719.1, 1867.97, 1875.74, 2188.79, 2365.45, 2473.69, 2535.57

675.154 68.55 (2.05E-7), 97.27, 156.54, 167.900, 191.256, 221.270, 236.477, 264.04, 278.8, 292.816, 324.408, 392.94, 449.12, 456.750, 473.04, 514.7, 520.78, 529.790, 562.10, 588.333, 617.20, 641.00, 641.00, 648.095, 670.41, 681.80, 686.0, 721.14, 765.03, 865.3, 907.08, 1015.40, 1042.39, 1054.22, 1087.06, 1139.03, 1154.65, 1163.2, 1245.46, 1263.71, 1277.83, 1305.4, 1455.06, 1719.1, 1867.97, 1875.74

681.80 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5),

	324.408 (4.90E-5), 357.153, 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 583.34, 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08, 934.6, 1171.62, 1242.62, 1298.84, 1506.97, 1825.52
686.0	109.1, 130, 191.256 (4.90E-5), 221.270, 233.58, 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 603.8, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 675.154, 681.80 (4.90E-5), 721.14 (4.90E-5), 755.08, 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 862.46, 865.3 (4.90E-5), 948.37, 1001.5, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1323.12, 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1396.19, 1409.86, 1413.15, 1450.75, 1455.06 (4.90E-5), 1488.91, 1506.97, 1598.31, 1631.16, 1684.07, 1697.0, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-5), 1897.0, 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2188.79, 2342.65 (4.90E-5), 2365.45, 2457.6, 2473.69, 2486.6, 2535.57, 2566.10, 2772.7
693.33	588.333, 1021.67, 1139.03, 1154.65, 1589.19
721.14	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08, 1139.03, 1154.65
755.08	68.55 (2.05E-7), 97.27, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 862.46, 959.79, 1139.03, 1154.65, 1548.21
765.03	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 278.8, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 357.153, 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 583.34, 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08, 934.6, 1171.62, 1242.62, 1298.84, 1506.97, 1825.52
768.3	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 191.256, 236.477, 264.04, 278.8, 292.816, 324.408, 392.94, 449.12, 456.750, 473.04, 520.78, 529.790, 562.10, 588.333, 617.20, 641.00, 641.00, 648.095, 681.80, 686.0, 721.14, 765.03, 814.41, 865.3, 1015.40, 1042.39, 1054.22, 1087.06, 1139.03, 1154.65, 1163.2, 1245.46, 1263.71, 1277.83, 1305.4, 1455.06, 1719.1, 1867.97, 1875.74
772.20	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 336.8, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41, 948.37, 1174.60, 1371, 1413.15, 1510.89, 2099.5
789.54	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 336.8, 392.94, 449.12, 562.10, 588.333, 617.20, 686.0, 814.41, 948.37, 1174.60, 1371, 1413.15, 1510.89, 2099.5
793	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 264.04, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5), 1127.9
814.41	109.1, 191.256 (4.90E-5), 264.04 (4.90E-5), 268.08 (4.90E-5), 278.8 (4.90E-5), 300.648, 336.8, 339.10, 357.153, 373.14, 411.10, 456.750 (4.90E-5), 459.69, 467.116 (4.90E-5), 473.04, 487.96, 503.40, 520.78 (4.90E-5), 529.790 (4.90E-5), 553.58, 562.10, 626.77, 641.00 (4.90E-5), 641.00 (4.90E-5), 648.095 (4.90E-5), 658.40 (4.90E-5), 681.80 (4.90E-5), 721.14 (4.90E-5), 765.03 (4.90E-5), 768.3, 772.20, 789.54, 793 (4.90E-5), 820.50, 862.46, 865.3 (4.90E-5), 948.37, 1004.56, 1015.40 (4.90E-5), 1042.39 (4.90E-5), 1054.22 (4.90E-5), 1077.68, 1087.06 (4.90E-5), 1115.196 (4.90E-5), 1127.9 (4.90E-5), 1131.72, 1139.03 (4.90E-5), 1154.65 (4.90E-5), 1163.2 (4.90E-5), 1179.5 (4.90E-5), 1188.26 (4.90E-5), 1242.62, 1245.46 (4.90E-5), 1263.71 (4.90E-5), 1277.83 (4.90E-5), 1283.08, 1298.84 (4.90E-5), 1305.4 (4.90E-5), 1334.0, 1339.17 (4.90E-5), 1350.73, 1358.5, 1450.75, 1455.06 (4.90E-5), 1488.91, 1684.07, 1712.60 (4.90E-5), 1716.39, 1719.1 (4.90E-5), 1730.76 (4.90E-5), 1736.7, 1745.32 (4.90E-5), 1768.0, 1772.77 (4.90E-5), 1786.57, 1811.42, 1854.54, 1867.97 (4.90E-5), 1875.74 (4.90E-

	5), 1908.22, 2026.78, 2046.2, 2056.2, 2064.5 (4.90E-5), 2075.27, 2143.57, 2342.65 (4.90E-5), 2457.6, 2486.6, 2566.10
820.50	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41, 948.37, 1174.60, 1371
852.46	588.333, 1805.25, 2393.04
862.46	68.55 (2.05E-7), 97.27, 156.54, 167.900, 233.58, 236.477, 278.8, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 755.08, 1139.03, 1154.65, 1409.86, 1598.31, 1631.16, 1697.0
862.46	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 553.58, 588.333, 617.20, 626.77, 641.00, 686.0, 814.41, 865.3, 1015.40, 1042.39, 1139.03, 1154.65
865.3	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 213.87, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 411.10, 449.12 (4.90E-5), 456.750, 467.116, 514.7, 553.58, 588.333 (4.90E-5), 617.20 (4.90E-5), 637.270, 648.095, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 862.46, 907.08, 1004.56, 1115.196, 1225.62, 1323.12, 1641.82, 1676.50, 1993.7, 2016.25
907.08	191.256, 264.04, 278.8, 456.750, 473.04, 487.96, 520.78, 529.790, 562.10, 603.8, 641.00, 641.00, 648.095, 675.154, 681.80, 721.14, 765.03, 865.3, 1001.5, 1015.40, 1042.39, 1054.22, 1087.06, 1127.9, 1139.03, 1154.65, 1163.2, 1245.46, 1263.71, 1277.83, 1305.4, 1323.12, 1334.0, 1396.19, 1450.75, 1455.06, 1506.97, 1719.1, 1867.97, 1875.74, 2188.79, 2365.45, 2473.69, 2535.57
934.6	68.55 (2.05E-7), 167.900, 236.477, 278.8, 339.10, 373.14, 473.04, 487.96, 503.40, 562.10, 681.80, 765.03, 1131.72, 1139.03, 1154.65, 1242.62, 1283.08, 1334.0, 1450.75, 1716.39, 1786.57, 1908.22
948.37	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 336.8, 392.94, 449.12, 562.10, 588.333, 617.20, 686.0, 772.20, 789.54, 814.41, 820.50, 1350.73, 1358.5
959.79	233.58, 278.8, 588.333, 755.08, 1139.03, 1154.65, 1409.86, 1598.31, 1631.16, 1697.0
1001.5	68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 264.04, 292.816, 324.408, 392.94, 449.12, 514.7, 588.333, 617.20, 670.41, 686.0, 907.08, 1127.9
1004.56	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 411.10, 449.12, 588.333, 617.20, 637.270, 641.00, 686.0, 814.41, 865.3, 1015.40, 1042.39, 1225.62
1015.40	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 213.87, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 411.10, 449.12 (4.90E-5), 456.750, 467.116, 514.7, 553.58, 588.333 (4.90E-5), 617.20 (4.90E-5), 637.270, 648.095, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 862.46, 907.08, 1004.56, 1115.196, 1225.62, 1323.12, 1641.82, 1676.50, 1993.7, 2016.25
1021.67	588.333, 693.33, 1139.03, 1154.65
1042.39	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 213.87, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 411.10, 449.12 (4.90E-5), 456.750, 467.116, 514.7, 553.58, 588.333 (4.90E-5), 617.20 (4.90E-5), 637.270, 648.095, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 862.46, 907.08, 1004.56, 1115.196, 1225.62, 1323.12, 1641.82, 1676.50, 1993.7, 2016.25
1054.22	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 473.04, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08
1077.68	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 411.10, 449.12, 588.333, 617.20, 637.270, 686.0, 814.41, 1139.03, 1154.65, 1225.62
1087.06	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08
1095.13	68.55 (2.05E-7), 167.900, 236.477, 562.10, 1556.54

1115.196 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 641.00, 686.0 (4.90E-5), 814.41 (4.90E-5), 865.3, 1015.40, 1042.39

1118.25 68.55 (2.05E-7), 156.54, 167.900, 236.477, 324.408, 392.94, 487.96, 1334.0, 1450.75

1127.9 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 264.04, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 686.0 (4.90E-5), 793, 814.41 (4.90E-5), 907.08, 1001.5, 1320

1131.72 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 357.153, 392.94, 449.12, 583.34, 588.333, 617.20, 686.0, 814.41, 934.6, 1139.03, 1154.65, 1171.62

1139.03 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 357.153, 392.94 (4.90E-5), 411.10, 449.12 (4.90E-5), 467.116, 514.7, 529.790, 583.34, 588.333 (4.90E-5), 617.20 (4.90E-5), 626.77, 637.270, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 693.33, 721.14, 755.08, 768.3, 814.41 (4.90E-5), 862.46, 862.46, 907.08, 934.6, 959.79, 1021.67, 1077.68, 1131.72, 1171.62, 1188.26, 1225.62, 1396.19, 1488.91, 1548.21, 1676.50, 2303.5

1154.65 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 357.153, 392.94 (4.90E-5), 411.10, 449.12 (4.90E-5), 467.116, 514.7, 529.790, 583.34, 588.333 (4.90E-5), 617.20 (4.90E-5), 626.77, 637.270, 658.40, 670.41, 675.154, 686.0 (4.90E-5), 693.33, 721.14, 755.08, 768.3, 814.41 (4.90E-5), 862.46, 862.46, 907.08, 934.6, 959.79, 1021.67, 1077.68, 1131.72, 1171.62, 1188.26, 1225.62, 1396.19, 1488.91, 1548.21, 1676.50, 2303.5

1163.2 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 191.256, 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 520.78, 588.333 (4.90E-5), 617.20 (4.90E-5), 658.40, 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08, 1179.5, 2293.81

1171.62 278.8, 339.10, 373.14, 473.04, 487.96, 503.40, 562.10, 681.80, 765.03, 1131.72, 1139.03, 1154.65, 1242.62, 1283.08, 1334.0, 1450.75, 1716.39, 1786.57, 1908.22

1174.60 336.8, 562.10, 588.333, 772.20, 789.54, 820.50, 1350.73, 1358.5

1179.5 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5), 1163.2

1188.26 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5), 1139.03, 1154.65

1193.44 588.333, 1598.31

1225.62 264.04, 487.96, 641.00, 865.3, 1004.56, 1015.40, 1042.39, 1077.68, 1139.03, 1154.65, 1736.7, 1811.42, 1854.54, 2075.27

1242.62 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 278.8, 292.816, 324.408, 357.153, 392.94, 449.12, 583.34, 588.333, 617.20, 681.80, 686.0, 765.03, 814.41, 934.6, 1171.62

1245.46 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 473.04, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08

1263.71 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08

1275.17 68.55 (2.05E-7), 167.900, 236.477, 487.96, 1334.0, 1450.75

1277.83 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5),

392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08

1283.08 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 357.153, 373.14, 392.94, 449.12, 473.04, 503.40, 583.34, 588.333, 617.20, 686.0, 814.41, 934.6, 1171.62

1298.84 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 278.8, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 681.80, 686.0 (4.90E-5), 765.03, 814.41 (4.90E-5)

1305.4 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 562.10, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08

1320 264.04, 588.333, 1127.9

1323.12 68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 392.94, 449.12, 514.7, 588.333, 617.20, 641.00, 670.41, 686.0, 865.3, 907.08, 1015.40, 1042.39

1331.63 562.10, 1556.54

1334.0 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 339.10, 357.153, 392.94, 449.12, 514.7, 583.34, 588.333, 603.8, 617.20, 670.41, 686.0, 814.41, 907.08, 934.6, 1118.25, 1171.62, 1275.17, 1510.89

1339.17 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 373.14, 392.94 (4.90E-5), 449.12 (4.90E-5), 473.04, 503.40, 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5)

1350.73 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 336.8, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41, 948.37, 1174.60, 1371, 1413.15, 1510.89, 2099.5

1358.5 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 336.8, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41, 948.37, 1174.60, 1371, 1413.15, 1510.89, 2099.5

1371 68.55 (2.05E-7), 156.54, 167.900, 236.477, 324.408, 336.8, 392.94, 562.10, 772.20, 789.54, 820.50, 1350.73, 1358.5

1396.19 68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 392.94, 449.12, 514.7, 588.333, 617.20, 670.41, 686.0, 907.08, 1139.03, 1154.65

1409.86 68.55 (2.05E-7), 97.27, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 862.46, 959.79, 1548.21

1413.15 68.55 (2.05E-7), 97.27, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 562.10, 588.333, 617.20, 686.0, 772.20, 789.54, 1350.73, 1358.5

1450.75 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 339.10, 357.153, 392.94, 449.12, 487.96, 514.7, 583.34, 588.333, 603.8, 617.20, 670.41, 686.0, 814.41, 907.08, 934.6, 1118.25, 1171.62, 1275.17, 1510.89

1455.06 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 264.04, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08

1488.91 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41, 1139.03, 1154.65

1506.97 68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 278.8, 292.816, 324.408, 392.94, 449.12, 514.7, 588.333, 617.20, 670.41, 681.80, 686.0, 765.03, 907.08

1510.89 487.96, 1334.0, 1450.75

1510.89 562.10, 588.333, 772.20, 789.54, 1350.73, 1358.5

1548.21 233.58, 278.8, 755.08, 1139.03, 1154.65, 1409.86, 1598.31, 1631.16, 1697.0

1556.54 68.55 (2.05E-7), 167.900, 236.477, 562.10, 1095.13, 1331.63

1589.19 588.333, 693.33

1598.31 68.55 (2.05E-7), 97.27, 156.54, 167.900, 233.58, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 862.46, 959.79, 1193.44, 1548.21, 1781.67

1631.16 68.55 (2.05E-7), 97.27, 156.54, 167.900, 236.477, 278.8, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 862.46, 959.79, 1548.21

1641.82 588.333, 641.00, 865.3, 1015.40, 1042.39

1676.50 553.58, 626.77, 641.00, 865.3, 1015.40, 1042.39, 1139.03, 1154.65

1684.07 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 459.69, 588.333, 617.20, 686.0, 814.41

1697.0 68.55 (2.05E-7), 97.27, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 862.46, 959.79, 1548.21

1712.60 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 473.04, 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5)

1716.39 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 357.153, 392.94, 449.12, 562.10, 583.34, 588.333, 617.20, 686.0, 814.41, 934.6, 1171.62

1719.1 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08

1730.76 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5)

1736.7 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 411.10, 449.12, 487.96, 588.333, 617.20, 637.270, 686.0, 814.41, 1225.62

1745.32 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5)

1768.0 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41

1772.77 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 562.10, 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5)

1781.67 1598.31

1786.57 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 357.153, 392.94, 449.12, 583.34, 588.333, 617.20, 686.0, 814.41, 934.6, 1171.62

1805.25 588.333, 852.46

1811.42 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 264.04, 292.816, 324.408, 392.94, 411.10, 449.12, 588.333, 617.20, 637.270, 686.0, 814.41, 1225.62

1825.52 278.8, 588.333, 681.80, 765.03

1854.54 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 411.10, 449.12, 588.333, 617.20, 637.270, 686.0, 814.41, 1225.62

1867.97 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08

1875.74 68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 221.270, 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 467.116, 514.7, 588.333 (4.90E-5), 617.20 (4.90E-5), 670.41, 675.154, 686.0 (4.90E-5), 768.3, 814.41 (4.90E-5), 907.08

1897.0 68.55 (2.05E-7), 97.27, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0

1908.22 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 357.153, 392.94, 449.12, 583.34, 588.333, 617.20, 686.0, 814.41, 934.6, 1171.62

1993.7 68.55 (2.05E-7), 167.900, 236.477, 641.00, 865.3, 1015.40, 1042.39

2016.25 213.87, 641.00, 865.3, 1015.40, 1042.39

2026.78 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 459.69, 588.333, 617.20, 686.0, 814.41

2046.2 68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41

2053.0 438.5, 588.333

2056.2

	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41
2064.5	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 278.8, 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5)
2075.27	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 411.10, 449.12, 588.333, 617.20, 637.270, 686.0, 814.41, 1225.62
2099.5	562.10, 772.20, 789.54, 1350.73, 1358.5
2143.57	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41
2188.79	68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 392.94, 449.12, 514.7, 588.333, 617.20, 670.41, 686.0, 907.08
2293.81	1163.2
2303.5	1139.03, 1154.65
2342.65	68.55 (4.92E-5), 97.27 (4.90E-5), 130 (4.90E-5), 156.54 (4.90E-5), 167.900 (4.90E-5), 236.477 (4.90E-5), 292.816 (4.90E-5), 300.648 (4.90E-5), 324.408 (4.90E-5), 392.94 (4.90E-5), 449.12 (4.90E-5), 588.333 (4.90E-5), 617.20 (4.90E-5), 686.0 (4.90E-5), 814.41 (4.90E-5)
2365.45	68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 392.94, 449.12, 514.7, 588.333, 617.20, 670.41, 686.0, 907.08
2373.45	487.96, 588.333
2393.04	852.46
2457.6	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41
2473.69	68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 392.94, 449.12, 514.7, 588.333, 617.20, 670.41, 686.0, 907.08
2486.6	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41
2514.30	68.55 (2.05E-7)
2535.57	68.55 (2.05E-7), 97.27, 156.54, 167.900, 221.270, 236.477, 292.816, 324.408, 392.94, 449.12, 514.7, 588.333, 617.20, 670.41, 686.0, 907.08
2566.10	68.55 (2.05E-7), 97.27, 130, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0, 814.41
2572.85	68.55 (2.05E-7), 438.5
2591.30	278.8, 588.333
2684.21	588.333
2712.50	588.333
2721.3	68.55 (2.05E-7), 167.900, 236.477
2772.7	68.55 (2.05E-7), 97.27, 156.54, 167.900, 236.477, 292.816, 324.408, 392.94, 449.12, 588.333, 617.20, 686.0
2792.5	588.333
2800.6	68.55 (2.05E-7), 167.900, 236.477, 264.04
2854.7	588.333
2861.8	588.333
2888.1	562.10
2962.5	487.96
2968.5	68.55 (2.05E-7), 264.04
3008.9	68.55 (2.05E-7), 167.900, 236.477
3179.2	278.8