

N = 200						
q_a	N	SIG(200,q_a)	q_b	SIG(200,q_b)	SIG(TOTAL)	Probability
0.00E+00	2.00E+02	1.00E+00	1.00E+02	2.77E+81	2.77E+81	1.70E-26
1.00E+00	2.00E+02	2.00E+02	9.90E+01	9.27E+80	1.85E+83	1.14E-24
2.00E+00	2.00E+02	2.01E+04	9.80E+01	3.08E+80	6.19E+84	3.79E-23
3.00E+00	2.00E+02	1.35E+06	9.70E+01	1.02E+80	1.38E+86	8.42E-22
4.00E+00	2.00E+02	6.87E+07	9.60E+01	3.33E+79	2.29E+87	1.40E-20
5.00E+00	2.00E+02	2.80E+09	9.50E+01	1.08E+79	3.04E+88	1.86E-19
6.00E+00	2.00E+02	9.57E+10	9.40E+01	3.50E+78	3.35E+89	2.05E-18
7.00E+00	2.00E+02	2.82E+12	9.30E+01	1.12E+78	3.17E+90	1.94E-17
8.00E+00	2.00E+02	7.29E+13	9.20E+01	3.58E+77	2.61E+91	1.60E-16
9.00E+00	2.00E+02	1.68E+15	9.10E+01	1.13E+77	1.91E+92	1.17E-15
1.00E+01	2.00E+02	3.52E+16	9.00E+01	3.55E+76	1.25E+93	7.65E-15
1.10E+01	2.00E+02	6.72E+17	8.90E+01	1.11E+76	7.43E+93	4.55E-14
1.20E+01	2.00E+02	1.18E+19	8.80E+01	3.42E+75	4.04E+94	2.47E-13
1.30E+01	2.00E+02	1.93E+20	8.70E+01	1.05E+75	2.02E+95	1.24E-12
1.40E+01	2.00E+02	2.93E+21	8.60E+01	3.19E+74	9.35E+95	5.72E-12
1.50E+01	2.00E+02	4.18E+22	8.50E+01	9.62E+73	4.02E+96	2.46E-11
1.60E+01	2.00E+02	5.62E+23	8.40E+01	2.88E+73	1.62E+97	9.91E-11
1.70E+01	2.00E+02	7.14E+24	8.30E+01	8.54E+72	6.10E+97	3.74E-10
1.80E+01	2.00E+02	8.61E+25	8.20E+01	2.51E+72	2.17E+98	1.33E-09
1.90E+01	2.00E+02	9.88E+26	8.10E+01	7.34E+71	7.25E+98	4.44E-09
2.00E+01	2.00E+02	1.08E+28	8.00E+01	2.12E+71	2.30E+99	1.41E-08
2.10E+01	2.00E+02	1.13E+29	7.90E+01	6.09E+70	6.90E+99	4.22E-08
2.20E+01	2.00E+02	1.14E+30	7.80E+01	1.73E+70	1.97E+100	1.21E-07
2.30E+01	2.00E+02	1.10E+31	7.70E+01	4.87E+69	5.35E+100	3.28E-07
2.40E+01	2.00E+02	1.02E+32	7.60E+01	1.36E+69	1.39E+101	8.50E-07
2.50E+01	2.00E+02	9.15E+32	7.50E+01	3.75E+68	3.44E+101	2.10E-06
2.60E+01	2.00E+02	7.92E+33	7.40E+01	1.03E+68	8.14E+101	4.98E-06
2.70E+01	2.00E+02	6.63E+34	7.30E+01	2.79E+67	1.85E+102	1.13E-05
2.80E+01	2.00E+02	5.37E+35	7.20E+01	7.48E+66	4.02E+102	2.46E-05
2.90E+01	2.00E+02	4.22E+36	7.10E+01	1.99E+66	8.39E+102	5.14E-05
3.00E+01	2.00E+02	3.23E+37	7.00E+01	5.22E+65	1.68E+103	1.03E-04
3.10E+01	2.00E+02	2.39E+38	6.90E+01	1.36E+65	3.25E+103	1.99E-04
3.20E+01	2.00E+02	1.73E+39	6.80E+01	3.50E+64	6.05E+103	3.70E-04
3.30E+01	2.00E+02	1.21E+40	6.70E+01	8.91E+63	1.08E+104	6.63E-04
3.40E+01	2.00E+02	8.32E+40	6.60E+01	2.25E+63	1.87E+104	1.14E-03
3.50E+01	2.00E+02	5.56E+41	6.50E+01	5.59E+62	3.11E+104	1.90E-03
3.60E+01	2.00E+02	3.63E+42	6.40E+01	1.38E+62	5.00E+104	3.06E-03
3.70E+01	2.00E+02	2.32E+43	6.30E+01	3.35E+61	7.76E+104	4.75E-03
3.80E+01	2.00E+02	1.44E+44	6.20E+01	8.06E+60	1.16E+105	7.13E-03
3.90E+01	2.00E+02	8.82E+44	6.10E+01	1.91E+60	1.69E+105	1.03E-02
4.00E+01	2.00E+02	5.27E+45	6.00E+01	4.49E+59	2.37E+105	1.45E-02
4.10E+01	2.00E+02	3.08E+46	5.90E+01	1.04E+59	3.21E+105	1.96E-02
4.20E+01	2.00E+02	1.77E+47	5.80E+01	2.38E+58	4.21E+105	2.58E-02
4.30E+01	2.00E+02	9.96E+47	5.70E+01	5.37E+57	5.35E+105	3.27E-02

4.40E+01	2.00E+02	5.50E+48	5.60E+01	1.20E+57	6.57E+105	4.02E-02
4.50E+01	2.00E+02	2.98E+49	5.50E+01	2.62E+56	7.83E+105	4.79E-02
4.60E+01	2.00E+02	1.59E+50	5.40E+01	5.68E+55	9.03E+105	5.53E-02
4.70E+01	2.00E+02	8.31E+50	5.30E+01	1.21E+55	1.01E+106	6.17E-02
4.80E+01	2.00E+02	4.28E+51	5.20E+01	2.55E+54	1.09E+106	6.68E-02
4.90E+01	2.00E+02	2.17E+52	5.10E+01	5.29E+53	1.14E+106	7.01E-02
5.00E+01	2.00E+02	1.08E+53	5.00E+01	1.08E+53	1.16E+106	7.12E-02
5.10E+01	2.00E+02	5.29E+53	4.90E+01	2.17E+52	1.14E+106	7.01E-02
5.20E+01	2.00E+02	2.55E+54	4.80E+01	4.28E+51	1.09E+106	6.68E-02
5.30E+01	2.00E+02	1.21E+55	4.70E+01	8.31E+50	1.01E+106	6.17E-02
5.40E+01	2.00E+02	5.68E+55	4.60E+01	1.59E+50	9.03E+105	5.53E-02
5.50E+01	2.00E+02	2.62E+56	4.50E+01	2.98E+49	7.83E+105	4.79E-02
5.60E+01	2.00E+02	1.20E+57	4.40E+01	5.50E+48	6.57E+105	4.02E-02
5.70E+01	2.00E+02	5.37E+57	4.30E+01	9.96E+47	5.35E+105	3.27E-02
5.80E+01	2.00E+02	2.38E+58	4.20E+01	1.77E+47	4.21E+105	2.58E-02
5.90E+01	2.00E+02	1.04E+59	4.10E+01	3.08E+46	3.21E+105	1.96E-02
6.00E+01	2.00E+02	4.49E+59	4.00E+01	5.27E+45	2.37E+105	1.45E-02
6.10E+01	2.00E+02	1.91E+60	3.90E+01	8.82E+44	1.69E+105	1.03E-02
6.20E+01	2.00E+02	8.06E+60	3.80E+01	1.44E+44	1.16E+105	7.13E-03
6.30E+01	2.00E+02	3.35E+61	3.70E+01	2.32E+43	7.76E+104	4.75E-03
6.40E+01	2.00E+02	1.38E+62	3.60E+01	3.63E+42	5.00E+104	3.06E-03
6.50E+01	2.00E+02	5.59E+62	3.50E+01	5.56E+41	3.11E+104	1.90E-03
6.60E+01	2.00E+02	2.25E+63	3.40E+01	8.32E+40	1.87E+104	1.14E-03
6.70E+01	2.00E+02	8.91E+63	3.30E+01	1.21E+40	1.08E+104	6.63E-04
6.80E+01	2.00E+02	3.50E+64	3.20E+01	1.73E+39	6.05E+103	3.70E-04
6.90E+01	2.00E+02	1.36E+65	3.10E+01	2.39E+38	3.25E+103	1.99E-04
7.00E+01	2.00E+02	5.22E+65	3.00E+01	3.23E+37	1.68E+103	1.03E-04
7.10E+01	2.00E+02	1.99E+66	2.90E+01	4.22E+36	8.39E+102	5.14E-05
7.20E+01	2.00E+02	7.48E+66	2.80E+01	5.37E+35	4.02E+102	2.46E-05
7.30E+01	2.00E+02	2.79E+67	2.70E+01	6.63E+34	1.85E+102	1.13E-05
7.40E+01	2.00E+02	1.03E+68	2.60E+01	7.92E+33	8.14E+101	4.98E-06
7.50E+01	2.00E+02	3.75E+68	2.50E+01	9.15E+32	3.44E+101	2.10E-06
7.60E+01	2.00E+02	1.36E+69	2.40E+01	1.02E+32	1.39E+101	8.50E-07
7.70E+01	2.00E+02	4.87E+69	2.30E+01	1.10E+31	5.35E+100	3.28E-07
7.80E+01	2.00E+02	1.73E+70	2.20E+01	1.14E+30	1.97E+100	1.21E-07
7.90E+01	2.00E+02	6.09E+70	2.10E+01	1.13E+29	6.90E+99	4.22E-08
8.00E+01	2.00E+02	2.12E+71	2.00E+01	1.08E+28	2.30E+99	1.41E-08
8.10E+01	2.00E+02	7.34E+71	1.90E+01	9.88E+26	7.25E+98	4.44E-09
8.20E+01	2.00E+02	2.51E+72	1.80E+01	8.61E+25	2.17E+98	1.33E-09
8.30E+01	2.00E+02	8.54E+72	1.70E+01	7.14E+24	6.10E+97	3.74E-10
8.40E+01	2.00E+02	2.88E+73	1.60E+01	5.62E+23	1.62E+97	9.91E-11
8.50E+01	2.00E+02	9.62E+73	1.50E+01	4.18E+22	4.02E+96	2.46E-11
8.60E+01	2.00E+02	3.19E+74	1.40E+01	2.93E+21	9.35E+95	5.72E-12
8.70E+01	2.00E+02	1.05E+75	1.30E+01	1.93E+20	2.02E+95	1.24E-12
8.80E+01	2.00E+02	3.42E+75	1.20E+01	1.18E+19	4.04E+94	2.47E-13
8.90E+01	2.00E+02	1.11E+76	1.10E+01	6.72E+17	7.43E+93	4.55E-14
9.00E+01	2.00E+02	3.55E+76	1.00E+01	3.52E+16	1.25E+93	7.65E-15

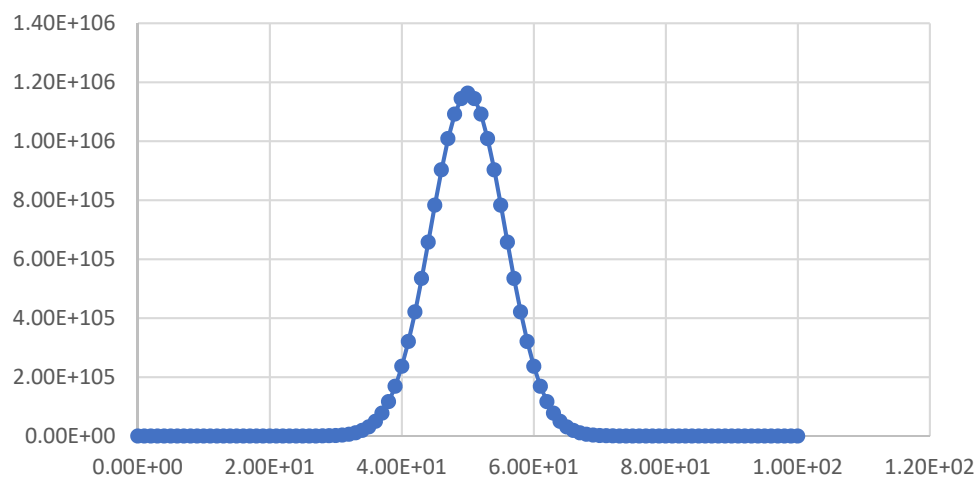
9.10E+01	2.00E+02	1.13E+77	9.00E+00	1.68E+15	1.91E+92	1.17E-15
9.20E+01	2.00E+02	3.58E+77	8.00E+00	7.29E+13	2.61E+91	1.60E-16
9.30E+01	2.00E+02	1.12E+78	7.00E+00	2.82E+12	3.17E+90	1.94E-17
9.40E+01	2.00E+02	3.50E+78	6.00E+00	9.57E+10	3.35E+89	2.05E-18
9.50E+01	2.00E+02	1.08E+79	5.00E+00	2.80E+09	3.04E+88	1.86E-19
9.60E+01	2.00E+02	3.33E+79	4.00E+00	6.87E+07	2.29E+87	1.40E-20
9.70E+01	2.00E+02	1.02E+80	3.00E+00	1.35E+06	1.38E+86	8.42E-22
9.80E+01	2.00E+02	3.08E+80	2.00E+00	2.01E+04	6.19E+84	3.79E-23
9.90E+01	2.00E+02	9.27E+80	1.00E+00	2.00E+02	1.85E+83	1.14E-24
1.00E+02	2.00E+02	2.77E+81	0.00E+00	1.00E+00	2.77E+81	1.70E-26
				SUM:	1.6334E+107	

N = 100							
q_a	N	SIG(200,q_a)	q_b	SIG(200,q_b)	SIG(TOTAL)	Probability	
0.00E+00	1.00E+02	1.00E+00	1.00E+02	4.53E+58	4.53E+58	1.63E-23	Least Probable
1.00E+00	1.00E+02	1.00E+02	9.90E+01	2.28E+58	2.28E+60	8.21E-22	Most Probable
2.00E+00	1.00E+02	5.05E+03	9.80E+01	1.14E+58	5.74E+61	2.07E-20	
3.00E+00	1.00E+02	1.72E+05	9.70E+01	5.66E+57	9.72E+62	3.50E-19	
4.00E+00	1.00E+02	4.42E+06	9.60E+01	2.80E+57	1.24E+64	4.47E-18	
5.00E+00	1.00E+02	9.20E+07	9.50E+01	1.38E+57	1.27E+65	4.57E-17	
6.00E+00	1.00E+02	1.61E+09	9.40E+01	6.75E+56	1.09E+66	3.92E-16	
7.00E+00	1.00E+02	2.44E+10	9.30E+01	3.29E+56	8.01E+66	2.89E-15	
8.00E+00	1.00E+02	3.26E+11	9.20E+01	1.59E+56	5.19E+67	1.87E-14	
9.00E+00	1.00E+02	3.91E+12	9.10E+01	7.67E+55	3.00E+68	1.08E-13	
1.00E+01	1.00E+02	4.26E+13	9.00E+01	3.67E+55	1.57E+69	5.65E-13	
1.10E+01	1.00E+02	4.26E+14	8.90E+01	1.75E+55	7.46E+69	2.69E-12	
1.20E+01	1.00E+02	3.94E+15	8.80E+01	8.28E+54	3.27E+70	1.18E-11	
1.30E+01	1.00E+02	3.40E+16	8.70E+01	3.90E+54	1.32E+71	4.78E-11	
1.40E+01	1.00E+02	2.74E+17	8.60E+01	1.82E+54	5.00E+71	1.80E-10	
1.50E+01	1.00E+02	2.08E+18	8.50E+01	8.48E+53	1.77E+72	6.37E-10	
1.60E+01	1.00E+02	1.50E+19	8.40E+01	3.92E+53	5.87E+72	2.12E-09	
1.70E+01	1.00E+02	1.02E+20	8.30E+01	1.80E+53	1.84E+73	6.63E-09	
1.80E+01	1.00E+02	6.64E+20	8.20E+01	8.20E+52	5.45E+73	1.96E-08	
1.90E+01	1.00E+02	4.13E+21	8.10E+01	3.71E+52	1.53E+74	5.53E-08	
2.00E+01	1.00E+02	2.46E+22	8.00E+01	1.67E+52	4.10E+74	1.48E-07	
2.10E+01	1.00E+02	1.40E+23	7.90E+01	7.47E+51	1.05E+75	3.78E-07	
2.20E+01	1.00E+02	7.72E+23	7.80E+01	3.31E+51	2.56E+75	9.23E-07	
2.30E+01	1.00E+02	4.09E+24	7.70E+01	1.46E+51	5.98E+75	2.16E-06	
2.40E+01	1.00E+02	2.10E+25	7.60E+01	6.39E+50	1.34E+76	4.84E-06	
2.50E+01	1.00E+02	1.04E+26	7.50E+01	2.78E+50	2.89E+76	1.04E-05	
2.60E+01	1.00E+02	5.00E+26	7.40E+01	1.20E+50	5.98E+76	2.16E-05	
2.70E+01	1.00E+02	2.33E+27	7.30E+01	5.12E+49	1.19E+77	4.31E-05	
2.80E+01	1.00E+02	1.06E+28	7.20E+01	2.17E+49	2.30E+77	8.29E-05	
2.90E+01	1.00E+02	4.67E+28	7.10E+01	9.14E+48	4.27E+77	1.54E-04	
3.00E+01	1.00E+02	2.01E+29	7.00E+01	3.82E+48	7.67E+77	2.77E-04	
3.10E+01	1.00E+02	8.43E+29	6.90E+01	1.58E+48	1.33E+78	4.81E-04	
3.20E+01	1.00E+02	3.45E+30	6.80E+01	6.50E+47	2.24E+78	8.08E-04	
3.30E+01	1.00E+02	1.38E+31	6.70E+01	2.65E+47	3.65E+78	1.32E-03	
3.40E+01	1.00E+02	5.40E+31	6.60E+01	1.07E+47	5.76E+78	2.08E-03	
3.50E+01	1.00E+02	2.07E+32	6.50E+01	4.27E+46	8.83E+78	3.18E-03	
3.60E+01	1.00E+02	7.75E+32	6.40E+01	1.69E+46	1.31E+79	4.73E-03	
3.70E+01	1.00E+02	2.85E+33	6.30E+01	6.65E+45	1.89E+79	6.83E-03	
3.80E+01	1.00E+02	1.03E+34	6.20E+01	2.58E+45	2.65E+79	9.57E-03	
3.90E+01	1.00E+02	3.63E+34	6.10E+01	9.95E+44	3.62E+79	1.30E-02	
4.00E+01	1.00E+02	1.26E+35	6.00E+01	3.79E+44	4.79E+79	1.73E-02	
4.10E+01	1.00E+02	4.31E+35	5.90E+01	1.43E+44	6.17E+79	2.23E-02	
4.20E+01	1.00E+02	1.45E+36	5.80E+01	5.35E+43	7.74E+79	2.79E-02	
4.30E+01	1.00E+02	4.78E+36	5.70E+01	1.98E+43	9.44E+79	3.41E-02	

4.40E+01	1.00E+02	1.55E+37	5.60E+01	7.22E+42	1.12E+80	4.04E-02
4.50E+01	1.00E+02	4.97E+37	5.50E+01	2.61E+42	1.30E+80	4.68E-02
4.60E+01	1.00E+02	1.57E+38	5.40E+01	9.31E+41	1.46E+80	5.26E-02
4.70E+01	1.00E+02	4.87E+38	5.30E+01	3.29E+41	1.60E+80	5.77E-02
4.80E+01	1.00E+02	1.49E+39	5.20E+01	1.15E+41	1.71E+80	6.16E-02
4.90E+01	1.00E+02	4.50E+39	5.10E+01	3.95E+40	1.78E+80	6.41E-02
5.00E+01	1.00E+02	1.34E+40	5.00E+01	1.34E+40	1.80E+80	6.50E-02
5.10E+01	1.00E+02	3.95E+40	4.90E+01	4.50E+39	1.78E+80	6.41E-02
5.20E+01	1.00E+02	1.15E+41	4.80E+01	1.49E+39	1.71E+80	6.16E-02
5.30E+01	1.00E+02	3.29E+41	4.70E+01	4.87E+38	1.60E+80	5.77E-02
5.40E+01	1.00E+02	9.31E+41	4.60E+01	1.57E+38	1.46E+80	5.26E-02
5.50E+01	1.00E+02	2.61E+42	4.50E+01	4.97E+37	1.30E+80	4.68E-02
5.60E+01	1.00E+02	7.22E+42	4.40E+01	1.55E+37	1.12E+80	4.04E-02
5.70E+01	1.00E+02	1.98E+43	4.30E+01	4.78E+36	9.44E+79	3.41E-02
5.80E+01	1.00E+02	5.35E+43	4.20E+01	1.45E+36	7.74E+79	2.79E-02
5.90E+01	1.00E+02	1.43E+44	4.10E+01	4.31E+35	6.17E+79	2.23E-02
6.00E+01	1.00E+02	3.79E+44	4.00E+01	1.26E+35	4.79E+79	1.73E-02
6.10E+01	1.00E+02	9.95E+44	3.90E+01	3.63E+34	3.62E+79	1.30E-02
6.20E+01	1.00E+02	2.58E+45	3.80E+01	1.03E+34	2.65E+79	9.57E-03
6.30E+01	1.00E+02	6.65E+45	3.70E+01	2.85E+33	1.89E+79	6.83E-03
6.40E+01	1.00E+02	1.69E+46	3.60E+01	7.75E+32	1.31E+79	4.73E-03
6.50E+01	1.00E+02	4.27E+46	3.50E+01	2.07E+32	8.83E+78	3.18E-03
6.60E+01	1.00E+02	1.07E+47	3.40E+01	5.40E+31	5.76E+78	2.08E-03
6.70E+01	1.00E+02	2.65E+47	3.30E+01	1.38E+31	3.65E+78	1.32E-03
6.80E+01	1.00E+02	6.50E+47	3.20E+01	3.45E+30	2.24E+78	8.08E-04
6.90E+01	1.00E+02	1.58E+48	3.10E+01	8.43E+29	1.33E+78	4.81E-04
7.00E+01	1.00E+02	3.82E+48	3.00E+01	2.01E+29	7.67E+77	2.77E-04
7.10E+01	1.00E+02	9.14E+48	2.90E+01	4.67E+28	4.27E+77	1.54E-04
7.20E+01	1.00E+02	2.17E+49	2.80E+01	1.06E+28	2.30E+77	8.29E-05
7.30E+01	1.00E+02	5.12E+49	2.70E+01	2.33E+27	1.19E+77	4.31E-05
7.40E+01	1.00E+02	1.20E+50	2.60E+01	5.00E+26	5.98E+76	2.16E-05
7.50E+01	1.00E+02	2.78E+50	2.50E+01	1.04E+26	2.89E+76	1.04E-05
7.60E+01	1.00E+02	6.39E+50	2.40E+01	2.10E+25	1.34E+76	4.84E-06
7.70E+01	1.00E+02	1.46E+51	2.30E+01	4.09E+24	5.98E+75	2.16E-06
7.80E+01	1.00E+02	3.31E+51	2.20E+01	7.72E+23	2.56E+75	9.23E-07
7.90E+01	1.00E+02	7.47E+51	2.10E+01	1.40E+23	1.05E+75	3.78E-07
8.00E+01	1.00E+02	1.67E+52	2.00E+01	2.46E+22	4.10E+74	1.48E-07
8.10E+01	1.00E+02	3.71E+52	1.90E+01	4.13E+21	1.53E+74	5.53E-08
8.20E+01	1.00E+02	8.20E+52	1.80E+01	6.64E+20	5.45E+73	1.96E-08
8.30E+01	1.00E+02	1.80E+53	1.70E+01	1.02E+20	1.84E+73	6.63E-09
8.40E+01	1.00E+02	3.92E+53	1.60E+01	1.50E+19	5.87E+72	2.12E-09
8.50E+01	1.00E+02	8.48E+53	1.50E+01	2.08E+18	1.77E+72	6.37E-10
8.60E+01	1.00E+02	1.82E+54	1.40E+01	2.74E+17	5.00E+71	1.80E-10
8.70E+01	1.00E+02	3.90E+54	1.30E+01	3.40E+16	1.32E+71	4.78E-11
8.80E+01	1.00E+02	8.28E+54	1.20E+01	3.94E+15	3.27E+70	1.18E-11
8.90E+01	1.00E+02	1.75E+55	1.10E+01	4.26E+14	7.46E+69	2.69E-12
9.00E+01	1.00E+02	3.67E+55	1.00E+01	4.26E+13	1.57E+69	5.65E-13

9.10E+01	1.00E+02	7.67E+55	9.00E+00	3.91E+12	3.00E+68	1.08E-13
9.20E+01	1.00E+02	1.59E+56	8.00E+00	3.26E+11	5.19E+67	1.87E-14
9.30E+01	1.00E+02	3.29E+56	7.00E+00	2.44E+10	8.01E+66	2.89E-15
9.40E+01	1.00E+02	6.75E+56	6.00E+00	1.61E+09	1.09E+66	3.92E-16
9.50E+01	1.00E+02	1.38E+57	5.00E+00	9.20E+07	1.27E+65	4.57E-17
9.60E+01	1.00E+02	2.80E+57	4.00E+00	4.42E+06	1.24E+64	4.47E-18
9.70E+01	1.00E+02	5.66E+57	3.00E+00	1.72E+05	9.72E+62	3.50E-19
9.80E+01	1.00E+02	1.14E+58	2.00E+00	5.05E+03	5.74E+61	2.07E-20
9.90E+01	1.00E+02	2.28E+58	1.00E+00	1.00E+02	2.28E+60	8.21E-22
1.00E+02	1.00E+02	4.53E+58	0.00E+00	1.00E+00	4.53E+58	1.63E-23
				SUM:	2.77217E+81	6.50E-02

N = 200



N = 100

