

CAMECA \ ISOTOPES \ Sample : Belemnite, Indium

19.01.18 09:34

Stage Position : x=-12761 um y=-13469 um z=3709 um
 Raw data file : D:\Cameca NanoSIMS Data\experience\2018-01-19-
 GLENDON\2018-01-19-GLENDON_1_1.is
 Block number : 60
 Meas. per block : 65
 Rejection(sigma) : 2
 Slit Preset : None
 Lens Preset : None
 Pre Sputtering Time (s) : 299.5.
 Raster (um) : 7.0
 Slit Preset : None
 Lens Preset : None
 Scanning On : Frame:1,1-32,32 / Blanking:35.3% / Raster:5.0um
 Tuning Mode: Multicollection
 Regulation Mode: HALL
 Check every (fr.): 0
 Secondary Ion Beam Centering : ON / during Acq : ON every 3900 frames.
 Width Horizontal(V): 1.632 / Vertical(V): 1.805
 EOS Centering : ON / during Acq : ON every 3900 frames.
 Width(V): 133.474
 EOP Offset (V): 0.000

Primary Current before acq : 28550 pA / after acq : 28470 pA

Mass#	Species	Mass	Det.	Tc(s)	BField	Radius	Peak#	RefPeak#	Method
1	12C	12.000	Tr1	0.191	1435.746	310.697			
PHDc	SIBC	E0SC							
2	13C	13.002	Tr2	0.191	1435.746				
323.405									
3	12C2	24.001	Tr3	0.191	1435.746				
439.393									
4	12C 13C	25.002	Tr4	0.191	1435.746				
448.465									
5	12C 14N	26.004	Tr5	0.191	1435.746				
457.360									
6	13C 14N	27.003	Tr6	0.191	1435.746				
466.068									
7	40Ca 16O	55.957	Det7	0.191	1435.746	670.916			
PHDc									

-- Section 1 ---- EM & FC with Setup Background -----

Block to block results

Block#	Ratio#	Mean	SD	N_rej	Err_mean(%)	Poisson(%)	Khi2
1	2/1	1.074E-002	8.46E-004	3	1.00E+000	1.11E+000	8.1E-001
1	4/3	2.126E-002	6.22E-003	2	3.69E+000	3.96E+000	8.7E-001
1	6/5	1.541E-002	5.30E-003	4	4.40E+000	5.56E+000	6.3E-001
1	5/7	1.102E-001	6.74E-003	3	7.76E-001	7.17E-001	1.2E+000
1	1/7	3.888E+000	7.46E-002	3	2.44E-001	2.53E-001	9.2E-001
2	2/1	1.090E-002	9.15E-004	1	1.05E+000	1.09E+000	9.3E-001
2	4/3	2.195E-002	5.95E-003	4	3.47E+000	4.04E+000	7.4E-001
2	6/5	1.676E-002	7.05E-003	1	5.26E+000	5.41E+000	9.5E-001
2	5/7	1.004E-001	5.12E-003	4	6.53E-001	7.44E-001	7.7E-001
2	1/7	3.754E+000	7.81E-002	4	2.67E-001	2.52E-001	1.1E+000
3	2/1	1.089E-002	8.11E-004	3	9.46E-001	1.10E+000	7.4E-001
3	4/3	2.018E-002	6.66E-003	2	4.16E+000	4.23E+000	9.6E-001
3	6/5	1.554E-002	7.07E-003	2	5.73E+000	5.77E+000	9.9E-001

3	5/7	9.188E-002	4.93E-003	2	6.76E-001	7.47E-001	8.2E-001
3	1/7	3.659E+000	6.16E-002	4	2.16E-001	2.49E-001	7.5E-001
4	2/1	1.085E-002	7.64E-004	3	8.95E-001	1.10E+000	6.6E-001
4	4/3	2.133E-002	7.48E-003	2	4.42E+000	4.25E+000	1.1E+000
4	6/5	1.455E-002	7.23E-003	2	6.26E+000	6.14E+000	1.0E+000
4	5/7	8.404E-002	4.34E-003	4	6.62E-001	7.78E-001	7.2E-001
4	1/7	3.553E+000	6.24E-002	3	2.23E-001	2.43E-001	8.4E-001
5	2/1	1.101E-002	7.30E-004	2	8.35E-001	1.09E+000	5.9E-001
5	4/3	2.070E-002	6.21E-003	4	3.84E+000	4.48E+000	7.4E-001
5	6/5	1.627E-002	6.73E-003	2	5.21E+000	5.97E+000	7.6E-001
5	5/7	7.816E-002	5.87E-003	1	9.40E-001	7.76E-001	1.5E+000
5	1/7	3.454E+000	5.60E-002	4	2.08E-001	2.43E-001	7.3E-001
6	2/1	1.096E-002	8.83E-004	3	1.02E+000	1.10E+000	8.6E-001
6	4/3	2.215E-002	5.68E-003	3	3.26E+000	4.40E+000	5.5E-001
6	6/5	1.694E-002	7.95E-003	1	5.86E+000	5.91E+000	9.8E-001
6	5/7	7.375E-002	4.40E-003	3	7.57E-001	8.06E-001	8.8E-001
6	1/7	3.383E+000	5.84E-002	2	2.18E-001	2.38E-001	8.3E-001
7	2/1	1.098E-002	8.94E-004	3	1.03E+000	1.11E+000	8.7E-001
7	4/3	2.252E-002	7.12E-003	1	3.95E+000	4.44E+000	7.9E-001
7	6/5	1.629E-002	6.42E-003	1	4.92E+000	6.24E+000	6.2E-001
7	5/7	7.009E-002	4.37E-003	3	7.92E-001	8.26E-001	9.2E-001
7	1/7	3.346E+000	6.54E-002	4	2.50E-001	2.43E-001	1.1E+000
8	2/1	1.075E-002	9.27E-004	2	1.09E+000	1.11E+000	9.6E-001
8	4/3	2.141E-002	7.35E-003	3	4.36E+000	4.73E+000	8.5E-001
8	6/5	1.641E-002	8.52E-003	4	6.65E+000	6.55E+000	1.0E+000
8	5/7	6.383E-002	3.49E-003	4	6.99E-001	8.53E-001	6.7E-001
8	1/7	3.227E+000	4.87E-002	3	1.92E-001	2.37E-001	6.5E-001
9	2/1	1.110E-002	7.64E-004	2	8.67E-001	1.10E+000	6.2E-001
9	4/3	1.979E-002	7.47E-003	1	4.72E+000	4.96E+000	9.1E-001
9	6/5	1.569E-002	6.71E-003	3	5.43E+000	6.76E+000	6.4E-001
9	5/7	6.022E-002	4.39E-003	1	9.11E-001	8.53E-001	1.1E+000
9	1/7	3.177E+000	6.33E-002	3	2.53E-001	2.37E-001	1.1E+000
10	2/1	1.111E-002	7.91E-004	4	9.11E-001	1.13E+000	6.6E-001
10	4/3	2.083E-002	7.06E-003	3	4.31E+000	5.01E+000	7.4E-001
10	6/5	1.709E-002	6.79E-003	4	5.08E+000	6.75E+000	5.7E-001
10	5/7	5.728E-002	3.39E-003	0	7.34E-001	8.72E-001	7.1E-001
10	1/7	3.150E+000	5.02E-002	3	2.03E-001	2.39E-001	7.2E-001
11	2/1	1.110E-002	7.20E-004	4	8.31E-001	1.13E+000	5.4E-001
11	4/3	1.910E-002	7.73E-003	0	5.02E+000	5.23E+000	9.2E-001
11	6/5	1.764E-002	8.83E-003	2	6.30E+000	6.65E+000	9.0E-001
11	5/7	5.390E-002	3.06E-003	4	7.26E-001	9.15E-001	6.3E-001
11	1/7	3.074E+000	5.02E-002	2	2.06E-001	2.34E-001	7.7E-001
12	2/1	1.100E-002	9.56E-004	1	1.09E+000	1.11E+000	9.6E-001
12	4/3	2.239E-002	7.05E-003	3	4.00E+000	5.09E+000	6.2E-001
12	6/5	1.763E-002	9.68E-003	3	6.97E+000	6.96E+000	1.0E+000
12	5/7	4.912E-002	3.86E-003	1	9.82E-001	9.28E-001	1.1E+000
12	1/7	3.010E+000	6.17E-002	2	2.58E-001	2.33E-001	1.2E+000
13	2/1	1.080E-002	7.90E-004	3	9.29E-001	1.13E+000	6.7E-001
13	4/3	2.148E-002	8.88E-003	3	5.25E+000	5.32E+000	9.7E-001
13	6/5	1.802E-002	8.49E-003	3	5.98E+000	6.95E+000	7.4E-001
13	5/7	4.687E-002	3.43E-003	3	9.31E-001	9.48E-001	9.6E-001
13	1/7	2.931E+000	5.09E-002	3	2.21E-001	2.32E-001	9.0E-001
14	2/1	1.085E-002	9.13E-004	2	1.06E+000	1.13E+000	8.8E-001
14	4/3	2.274E-002	9.33E-003	1	5.13E+000	5.25E+000	9.5E-001
14	6/5	1.690E-002	8.92E-003	3	6.70E+000	7.43E+000	8.1E-001

14	5/7	4.393E-002	3.00E-003	4	8.75E-001	9.88E-001	7.8E-001
14	1/7	2.897E+000	4.74E-002	2	2.06E-001	2.31E-001	7.9E-001
15	2/1	1.091E-002	1.07E-003	2	1.23E+000	1.13E+000	1.2E+000
15	4/3	2.108E-002	8.82E-003	3	5.31E+000	5.64E+000	8.9E-001
15	6/5	1.596E-002	8.54E-003	4	6.85E+000	7.87E+000	7.6E-001
15	5/7	4.128E-002	3.19E-003	3	9.82E-001	1.00E+000	9.6E-001
15	1/7	2.822E+000	5.24E-002	3	2.36E-001	2.32E-001	1.0E+000
16	2/1	1.100E-002	8.11E-004	5	9.52E-001	1.15E+000	6.8E-001
16	4/3	2.179E-002	8.15E-003	1	4.67E+000	5.52E+000	7.2E-001
16	6/5	1.571E-002	8.95E-003	5	7.36E+000	8.09E+000	8.3E-001
16	5/7	3.899E-002	2.63E-003	4	8.63E-001	1.02E+000	7.2E-001
16	1/7	2.732E+000	3.74E-002	5	1.77E-001	2.32E-001	5.8E-001
17	2/1	1.129E-002	8.47E-004	5	9.68E-001	1.14E+000	7.2E-001
17	4/3	2.164E-002	9.10E-003	4	5.38E+000	5.81E+000	8.6E-001
17	6/5	1.559E-002	8.75E-003	2	7.07E+000	8.07E+000	7.7E-001
17	5/7	3.707E-002	2.63E-003	1	8.87E-001	1.01E+000	7.7E-001
17	1/7	2.673E+000	4.40E-002	1	2.06E-001	2.24E-001	8.4E-001
18	2/1	1.092E-002	7.83E-004	2	9.04E-001	1.14E+000	6.2E-001
18	4/3	2.252E-002	8.88E-003	3	5.01E+000	5.83E+000	7.4E-001
18	6/5	1.895E-002	1.00E-002	2	6.68E+000	7.48E+000	8.0E-001
18	5/7	3.642E-002	2.45E-003	4	8.60E-001	1.05E+000	6.6E-001
18	1/7	2.678E+000	5.37E-002	2	2.53E-001	2.28E-001	1.2E+000
19	2/1	1.105E-002	9.65E-004	4	1.12E+000	1.16E+000	9.3E-001
19	4/3	2.196E-002	8.79E-003	2	5.04E+000	6.00E+000	7.1E-001
19	6/5	1.859E-002	1.11E-002	1	7.49E+000	7.72E+000	9.4E-001
19	5/7	3.327E-002	2.50E-003	3	9.56E-001	1.08E+000	7.9E-001
19	1/7	2.587E+000	4.94E-002	1	2.39E-001	2.24E-001	1.1E+000
20	2/1	1.079E-002	7.86E-004	4	9.32E-001	1.17E+000	6.3E-001
20	4/3	2.020E-002	1.04E-002	3	6.56E+000	6.47E+000	1.0E+000
20	6/5	1.543E-002	9.78E-003	2	7.99E+000	8.61E+000	8.6E-001
20	5/7	3.197E-002	2.79E-003	1	1.09E+000	1.07E+000	1.0E+000
20	1/7	2.530E+000	4.26E-002	2	2.12E-001	2.24E-001	9.0E-001
21	2/1	1.103E-002	9.69E-004	3	1.12E+000	1.15E+000	9.4E-001
21	4/3	2.082E-002	9.52E-003	2	5.76E+000	6.41E+000	8.1E-001
21	6/5	1.666E-002	9.96E-003	4	7.66E+000	8.55E+000	8.0E-001
21	5/7	2.995E-002	2.24E-003	2	9.43E-001	1.09E+000	7.4E-001
21	1/7	2.449E+000	4.35E-002	1	2.22E-001	2.20E-001	1.0E+000
22	2/1	1.083E-002	8.74E-004	3	1.03E+000	1.17E+000	7.7E-001
22	4/3	2.073E-002	1.12E-002	1	6.77E+000	6.49E+000	1.1E+000
22	6/5	1.506E-002	9.98E-003	4	8.49E+000	9.20E+000	8.5E-001
22	5/7	2.823E-002	2.31E-003	3	1.04E+000	1.13E+000	8.5E-001
22	1/7	2.385E+000	4.46E-002	3	2.37E-001	2.22E-001	1.1E+000
23	2/1	1.106E-002	1.05E-003	1	1.19E+000	1.14E+000	1.1E+000
23	4/3	1.934E-002	9.50E-003	2	6.19E+000	6.92E+000	8.0E-001
23	6/5	1.736E-002	9.59E-003	3	7.01E+000	8.65E+000	6.6E-001
23	5/7	2.736E-002	2.32E-003	2	1.07E+000	1.13E+000	8.9E-001
23	1/7	2.380E+000	3.91E-002	2	2.07E-001	2.20E-001	8.8E-001
24	2/1	1.100E-002	7.37E-004	3	8.50E-001	1.17E+000	5.3E-001
24	4/3	2.126E-002	1.15E-002	3	6.89E+000	6.86E+000	1.0E+000
24	6/5	1.535E-002	8.18E-003	2	6.71E+000	9.28E+000	5.2E-001
24	5/7	2.656E-002	2.35E-003	2	1.11E+000	1.16E+000	9.3E-001
24	1/7	2.370E+000	3.66E-002	3	1.96E-001	2.23E-001	7.7E-001
25	2/1	1.087E-002	1.04E-003	3	1.21E+000	1.18E+000	1.1E+000
25	4/3	2.142E-002	1.05E-002	3	6.23E+000	6.91E+000	8.1E-001
25	6/5	1.892E-002	1.22E-002	3	8.19E+000	8.59E+000	9.1E-001

25	5/7	2.542E-002	2.04E-003	3	1.02E+000	1.19E+000	7.4E-001
25	1/7	2.342E+000	4.34E-002	4	2.37E-001	2.25E-001	1.1E+000
26	2/1	1.080E-002	8.48E-004	3	9.98E-001	1.19E+000	7.1E-001
26	4/3	2.340E-002	1.16E-002	2	6.26E+000	6.77E+000	8.5E-001
26	6/5	1.475E-002	1.14E-002	3	9.83E+000	9.83E+000	1.0E+000
26	5/7	2.465E-002	1.78E-003	4	9.25E-001	1.21E+000	5.8E-001
26	1/7	2.311E+000	3.76E-002	4	2.08E-001	2.25E-001	8.6E-001
27	2/1	1.114E-002	7.78E-004	2	8.80E-001	1.17E+000	5.7E-001
27	4/3	2.220E-002	9.66E-003	3	5.53E+000	7.08E+000	6.1E-001
27	6/5	1.706E-002	1.10E-002	2	8.14E+000	9.24E+000	7.7E-001
27	5/7	2.430E-002	2.04E-003	3	1.07E+000	1.22E+000	7.6E-001
27	1/7	2.300E+000	4.08E-002	4	2.27E-001	2.27E-001	1.0E+000
28	2/1	1.069E-002	8.53E-004	3	1.01E+000	1.21E+000	7.1E-001
28	4/3	1.966E-002	9.74E-003	2	6.24E+000	7.68E+000	6.6E-001
28	6/5	1.693E-002	1.28E-002	2	9.52E+000	9.40E+000	1.0E+000
28	5/7	2.305E-002	2.01E-003	2	1.10E+000	1.23E+000	7.9E-001
28	1/7	2.265E+000	3.97E-002	3	2.22E-001	2.24E-001	9.9E-001
29	2/1	1.110E-002	9.24E-004	4	1.07E+000	1.19E+000	8.0E-001
29	4/3	2.133E-002	1.27E-002	1	7.44E+000	7.39E+000	1.0E+000
29	6/5	1.648E-002	1.05E-002	2	8.05E+000	9.66E+000	7.0E-001
29	5/7	2.231E-002	1.87E-003	3	1.07E+000	1.25E+000	7.3E-001
29	1/7	2.220E+000	3.94E-002	4	2.27E-001	2.23E-001	1.0E+000
30	2/1	1.084E-002	9.69E-004	4	1.14E+000	1.20E+000	9.1E-001
30	4/3	2.265E-002	1.17E-002	3	6.57E+000	7.45E+000	7.8E-001
30	6/5	1.518E-002	9.71E-003	4	8.19E+000	1.03E+001	6.3E-001
30	5/7	2.151E-002	2.35E-003	2	1.38E+000	1.26E+000	1.2E+000
30	1/7	2.219E+000	5.24E-002	1	2.95E-001	2.18E-001	1.8E+000
31	2/1	1.100E-002	7.77E-004	4	9.05E-001	1.19E+000	5.8E-001
31	4/3	2.456E-002	1.43E-002	3	7.39E+000	7.34E+000	1.0E+000
31	6/5	1.694E-002	1.26E-002	2	9.38E+000	9.79E+000	9.2E-001
31	5/7	2.099E-002	1.79E-003	3	1.08E+000	1.27E+000	7.3E-001
31	1/7	2.172E+000	4.16E-002	4	2.45E-001	2.22E-001	1.2E+000
32	2/1	1.109E-002	7.90E-004	4	9.12E-001	1.19E+000	5.9E-001
32	4/3	2.124E-002	1.45E-002	2	8.59E+000	8.04E+000	1.1E+000
32	6/5	1.662E-002	1.32E-002	2	1.00E+001	1.01E+001	9.8E-001
32	5/7	1.914E-002	1.85E-003	4	1.24E+000	1.33E+000	8.7E-001
32	1/7	2.142E+000	3.53E-002	3	2.09E-001	2.18E-001	9.2E-001
33	2/1	1.090E-002	9.78E-004	1	1.12E+000	1.17E+000	9.1E-001
33	4/3	2.300E-002	1.26E-002	2	6.93E+000	7.73E+000	8.0E-001
33	6/5	1.626E-002	1.23E-002	2	9.52E+000	1.04E+001	8.4E-001
33	5/7	1.875E-002	1.84E-003	2	1.24E+000	1.32E+000	8.9E-001
33	1/7	2.110E+000	3.08E-002	3	1.85E-001	2.18E-001	7.2E-001
34	2/1	1.113E-002	9.14E-004	3	1.04E+000	1.18E+000	7.9E-001
34	4/3	2.378E-002	1.31E-002	2	6.94E+000	7.78E+000	7.9E-001
34	6/5	1.445E-002	1.12E-002	2	9.73E+000	1.09E+001	7.9E-001
34	5/7	1.796E-002	1.76E-003	2	1.24E+000	1.32E+000	8.7E-001
34	1/7	2.061E+000	4.14E-002	2	2.53E-001	2.14E-001	1.4E+000
35	2/1	1.085E-002	9.45E-004	3	1.11E+000	1.19E+000	8.7E-001
35	4/3	2.353E-002	9.85E-003	3	5.32E+000	7.95E+000	4.5E-001
35	6/5	1.667E-002	1.20E-002	3	9.16E+000	1.02E+001	8.0E-001
35	5/7	1.776E-002	2.02E-003	1	1.42E+000	1.31E+000	1.2E+000
35	1/7	2.037E+000	3.30E-002	3	2.06E-001	2.15E-001	9.2E-001
36	2/1	1.110E-002	9.44E-004	3	1.08E+000	1.18E+000	8.4E-001
36	4/3	2.141E-002	1.14E-002	2	6.73E+000	8.34E+000	6.5E-001
36	6/5	1.921E-002	1.19E-002	3	7.87E+000	9.80E+000	6.4E-001

36	5/7	1.686E-002	1.70E-003	2	1.27E+000	1.34E+000	9.0E-001
36	1/7	1.990E+000	3.48E-002	2	2.20E-001	2.12E-001	1.1E+000
37	2/1	1.100E-002	8.34E-004	4	9.70E-001	1.20E+000	6.5E-001
37	4/3	2.442E-002	1.39E-002	1	7.11E+000	7.95E+000	8.0E-001
37	6/5	1.774E-002	1.22E-002	3	8.70E+000	1.03E+001	7.1E-001
37	5/7	1.627E-002	1.54E-003	2	1.19E+000	1.36E+000	7.7E-001
37	1/7	1.955E+000	2.68E-002	6	1.78E-001	2.19E-001	6.6E-001
38	2/1	1.091E-002	9.81E-004	4	1.15E+000	1.21E+000	9.1E-001
38	4/3	2.027E-002	1.27E-002	4	8.01E+000	9.00E+000	7.9E-001
38	6/5	1.849E-002	1.55E-002	1	1.05E+001	1.01E+001	1.1E+000
38	5/7	1.610E-002	1.25E-003	4	9.91E-001	1.41E+000	5.0E-001
38	1/7	1.998E+000	3.27E-002	4	2.09E-001	2.17E-001	9.3E-001
39	2/1	1.099E-002	9.84E-004	2	1.13E+000	1.19E+000	9.0E-001
39	4/3	2.644E-002	1.63E-002	2	7.78E+000	7.94E+000	9.6E-001
39	6/5	2.168E-002	1.56E-002	2	9.07E+000	9.68E+000	8.8E-001
39	5/7	1.526E-002	1.59E-003	3	1.32E+000	1.44E+000	8.4E-001
39	1/7	1.978E+000	3.10E-002	1	1.96E-001	2.13E-001	8.5E-001
40	2/1	1.114E-002	9.47E-004	1	1.06E+000	1.19E+000	8.0E-001
40	4/3	2.077E-002	1.22E-002	1	7.35E+000	8.86E+000	6.9E-001
40	6/5	1.537E-002	1.39E-002	3	1.15E+001	1.16E+001	9.7E-001
40	5/7	1.591E-002	1.67E-003	2	1.32E+000	1.42E+000	8.7E-001
40	1/7	2.010E+000	3.23E-002	3	2.04E-001	2.20E-001	8.6E-001
41	2/1	1.089E-002	9.76E-004	4	1.15E+000	1.24E+000	8.6E-001
41	4/3	2.067E-002	1.50E-002	2	9.11E+000	9.22E+000	9.8E-001
41	6/5	1.685E-002	1.33E-002	4	1.01E+001	1.11E+001	8.3E-001
41	5/7	1.594E-002	1.78E-003	2	1.41E+000	1.43E+000	9.7E-001
41	1/7	1.999E+000	3.17E-002	1	1.98E-001	2.18E-001	8.3E-001
42	2/1	1.096E-002	8.30E-004	3	9.62E-001	1.22E+000	6.2E-001
42	4/3	2.119E-002	1.49E-002	1	8.80E+000	9.22E+000	9.1E-001
42	6/5	2.036E-002	1.56E-002	2	9.65E+000	1.02E+001	9.0E-001
42	5/7	1.509E-002	1.28E-003	4	1.09E+000	1.47E+000	5.5E-001
42	1/7	1.945E+000	2.97E-002	1	1.91E-001	2.15E-001	7.9E-001
43	2/1	1.112E-002	8.69E-004	2	9.85E-001	1.20E+000	6.7E-001
43	4/3	2.228E-002	1.38E-002	3	7.87E+000	9.23E+000	7.3E-001
43	6/5	2.254E-002	1.78E-002	1	9.90E+000	9.73E+000	1.0E+000
43	5/7	1.443E-002	1.32E-003	5	1.18E+000	1.51E+000	6.1E-001
43	1/7	1.932E+000	2.67E-002	5	1.79E-001	2.22E-001	6.5E-001
44	2/1	1.114E-002	8.79E-004	3	1.00E+000	1.22E+000	6.8E-001
44	4/3	2.087E-002	1.56E-002	1	9.32E+000	9.63E+000	9.4E-001
44	6/5	1.814E-002	1.41E-002	2	9.77E+000	1.11E+001	7.7E-001
44	5/7	1.471E-002	1.68E-003	3	1.45E+000	1.47E+000	9.7E-001
44	1/7	1.934E+000	2.89E-002	3	1.90E-001	2.18E-001	7.5E-001
45	2/1	1.105E-002	8.64E-004	3	9.93E-001	1.22E+000	6.6E-001
45	4/3	2.121E-002	1.55E-002	2	9.20E+000	9.72E+000	8.9E-001
45	6/5	1.518E-002	1.29E-002	4	1.09E+001	1.23E+001	7.8E-001
45	5/7	1.420E-002	1.15E-003	5	1.04E+000	1.52E+000	4.7E-001
45	1/7	1.918E+000	3.32E-002	2	2.18E-001	2.17E-001	1.0E+000
46	2/1	1.098E-002	8.87E-004	4	1.03E+000	1.25E+000	6.9E-001
46	4/3	1.898E-002	1.75E-002	4	1.18E+001	1.07E+001	1.2E+000
46	6/5	1.960E-002	1.41E-002	2	9.07E+000	1.09E+001	6.9E-001
46	5/7	1.375E-002	1.50E-003	2	1.37E+000	1.51E+000	8.2E-001
46	1/7	1.895E+000	2.83E-002	4	1.91E-001	2.21E-001	7.5E-001
47	2/1	1.082E-002	9.46E-004	4	1.12E+000	1.26E+000	7.9E-001
47	4/3	1.961E-002	1.49E-002	3	9.66E+000	1.06E+001	8.3E-001
47	6/5	1.689E-002	1.41E-002	3	1.06E+001	1.21E+001	7.8E-001

47	5/7	1.331E-002	1.26E-003	2	1.19E+000	1.54E+000	6.0E-001
47	1/7	1.897E+000	2.76E-002	3	1.85E-001	2.19E-001	7.1E-001
48	2/1	1.113E-002	9.56E-004	1	1.07E+000	1.21E+000	7.9E-001
48	4/3	2.294E-002	1.53E-002	1	8.35E+000	9.56E+000	7.6E-001
48	6/5	1.635E-002	1.27E-002	2	9.82E+000	1.20E+001	6.6E-001
48	5/7	1.323E-002	1.36E-003	4	1.32E+000	1.56E+000	7.1E-001
48	1/7	1.885E+000	3.10E-002	2	2.07E-001	2.17E-001	9.1E-001
49	2/1	1.105E-002	1.20E-003	2	1.37E+000	1.23E+000	1.2E+000
49	4/3	1.985E-002	1.61E-002	4	1.04E+001	1.05E+001	9.7E-001
49	6/5	1.681E-002	1.51E-002	4	1.15E+001	1.21E+001	9.1E-001
49	5/7	1.352E-002	1.55E-003	2	1.44E+000	1.53E+000	8.9E-001
49	1/7	1.889E+000	3.58E-002	1	2.37E-001	2.17E-001	1.2E+000
50	2/1	1.122E-002	1.00E-003	2	1.12E+000	1.22E+000	8.5E-001
50	4/3	1.916E-002	1.59E-002	2	1.05E+001	1.08E+001	9.5E-001
50	6/5	1.328E-002	1.17E-002	3	1.12E+001	1.35E+001	6.9E-001
50	5/7	1.306E-002	1.36E-003	2	1.32E+000	1.55E+000	7.2E-001
50	1/7	1.865E+000	3.62E-002	3	2.46E-001	2.20E-001	1.3E+000
51	2/1	1.091E-002	1.01E-003	3	1.17E+000	1.25E+000	8.9E-001
51	4/3	2.103E-002	1.53E-002	4	9.33E+000	1.06E+001	7.7E-001
51	6/5	1.934E-002	1.52E-002	4	1.01E+001	1.15E+001	7.7E-001
51	5/7	1.251E-002	1.32E-003	2	1.33E+000	1.56E+000	7.2E-001
51	1/7	1.831E+000	2.71E-002	3	1.88E-001	2.18E-001	7.4E-001
52	2/1	1.093E-002	9.27E-004	4	1.09E+000	1.26E+000	7.4E-001
52	4/3	2.319E-002	1.59E-002	2	8.66E+000	1.01E+001	7.4E-001
52	6/5	1.964E-002	1.60E-002	5	1.05E+001	1.17E+001	8.0E-001
52	5/7	1.222E-002	1.52E-003	3	1.58E+000	1.60E+000	9.7E-001
52	1/7	1.830E+000	3.44E-002	1	2.35E-001	2.16E-001	1.2E+000
53	2/1	1.100E-002	1.12E-003	2	1.28E+000	1.25E+000	1.1E+000
53	4/3	2.519E-002	1.84E-002	4	9.36E+000	1.00E+001	8.7E-001
53	6/5	1.713E-002	1.62E-002	4	1.21E+001	1.24E+001	9.5E-001
53	5/7	1.247E-002	1.57E-003	2	1.58E+000	1.59E+000	9.9E-001
53	1/7	1.838E+000	3.38E-002	2	2.32E-001	2.19E-001	1.1E+000
54	2/1	1.114E-002	1.01E-003	1	1.14E+000	1.22E+000	8.8E-001
54	4/3	2.450E-002	1.70E-002	3	8.79E+000	1.00E+001	7.7E-001
54	6/5	1.397E-002	1.12E-002	4	1.03E+001	1.37E+001	5.6E-001
54	5/7	1.178E-002	1.49E-003	3	1.61E+000	1.62E+000	9.9E-001
54	1/7	1.818E+000	3.11E-002	0	2.12E-001	2.12E-001	1.0E+000
55	2/1	1.091E-002	1.09E-003	3	1.26E+000	1.25E+000	1.0E+000
55	4/3	1.931E-002	1.44E-002	3	9.46E+000	1.15E+001	6.8E-001
55	6/5	2.387E-002	1.69E-002	3	8.98E+000	1.06E+001	7.2E-001
55	5/7	1.188E-002	1.14E-003	6	1.25E+000	1.64E+000	5.8E-001
55	1/7	1.785E+000	2.82E-002	3	2.01E-001	2.17E-001	8.6E-001
56	2/1	1.108E-002	1.01E-003	2	1.14E+000	1.23E+000	8.6E-001
56	4/3	2.549E-002	1.71E-002	2	8.45E+000	1.00E+001	7.1E-001
56	6/5	1.950E-002	1.65E-002	3	1.07E+001	1.17E+001	8.5E-001
56	5/7	1.152E-002	1.45E-003	3	1.60E+000	1.63E+000	9.6E-001
56	1/7	1.783E+000	2.66E-002	2	1.88E-001	2.15E-001	7.6E-001
57	2/1	1.095E-002	8.07E-004	3	9.37E-001	1.26E+000	5.6E-001
57	4/3	1.932E-002	1.61E-002	3	1.06E+001	1.18E+001	8.0E-001
57	6/5	1.731E-002	1.55E-002	3	1.14E+001	1.24E+001	8.4E-001
57	5/7	1.174E-002	1.27E-003	4	1.39E+000	1.64E+000	7.2E-001
57	1/7	1.786E+000	3.10E-002	3	2.20E-001	2.18E-001	1.0E+000
58	2/1	1.089E-002	9.11E-004	3	1.06E+000	1.26E+000	7.1E-001
58	4/3	2.117E-002	1.67E-002	3	1.00E+001	1.13E+001	7.8E-001
58	6/5	1.922E-002	1.90E-002	4	1.27E+001	1.22E+001	1.1E+000

58	5/7	1.097E-002	1.46E-003	4	1.70E+000	1.69E+000	1.0E+000
58	1/7	1.772E+000	3.38E-002	3	2.42E-001	2.18E-001	1.2E+000
59	2/1	1.108E-002	9.62E-004	3	1.10E+000	1.25E+000	7.7E-001
59	4/3	2.118E-002	1.43E-002	4	8.67E+000	1.15E+001	5.7E-001
59	6/5	1.634E-002	1.69E-002	3	1.31E+001	1.28E+001	1.1E+000
59	5/7	1.164E-002	1.47E-003	3	1.60E+000	1.62E+000	9.7E-001
59	1/7	1.753E+000	2.89E-002	2	2.08E-001	2.16E-001	9.2E-001
60	2/1	1.112E-002	9.98E-004	4	1.15E+000	1.26E+000	8.3E-001
60	4/3	1.956E-002	1.81E-002	3	1.18E+001	1.20E+001	9.6E-001
60	6/5	1.895E-002	1.70E-002	2	1.13E+001	1.19E+001	9.0E-001
60	5/7	1.103E-002	1.17E-003	3	1.35E+000	1.66E+000	6.6E-001
60	1/7	1.743E+000	2.50E-002	4	1.84E-001	2.19E-001	7.1E-001

Cumulated results

Mass# Cumulated count

1	4.17185E+007
2	4.58139E+005
3	6.86187E+005
4	1.52540E+004
5	5.11093E+005
6	9.15800E+003
7	1.80825E+007

Ratio#	Ratios	Err_Poisson(%)	Err_mean(%)	Khi2	SD_Block(%)
2/1	1.09817E-002	1.49E-001	1.50E-001	1.0E+000	9.34E+000
4/3	2.22301E-002	8.19E-001	1.00E+000	1.5E+000	6.27E+001
6/5	1.79185E-002	1.05E+000	1.25E+000	1.4E+000	7.80E+001
5/7	2.82645E-002	1.42E-001	1.26E+000	7.8E+001	7.84E+001
1/7	2.30711E+000	2.82E-002	3.99E-001	2.0E+002	2.49E+001

-- Section 2 ---- EM (Yield and Dead time) & FC (Relative gain) with Setup Background

Block to block results

Block#	Ratio#	Mean	SD	N_rej	Err_mean(%)	Poisson(%)	Khi2
1	2/1	1.071E-002	8.44E-004	3	1.00E+000	1.11E+000	8.1E-001
1	4/3	2.125E-002	6.22E-003	2	3.69E+000	3.96E+000	8.7E-001
1	6/5	1.541E-002	5.29E-003	4	4.40E+000	5.56E+000	6.3E-001
1	5/7	1.101E-001	6.74E-003	3	7.77E-001	7.17E-001	1.2E+000
1	1/7	3.897E+000	7.48E-002	3	2.44E-001	2.53E-001	9.3E-001
2	2/1	1.087E-002	9.13E-004	1	1.05E+000	1.09E+000	9.3E-001
2	4/3	2.195E-002	5.95E-003	4	3.47E+000	4.04E+000	7.4E-001
2	6/5	1.676E-002	7.05E-003	1	5.26E+000	5.41E+000	9.5E-001
2	5/7	1.003E-001	5.12E-003	4	6.53E-001	7.44E-001	7.7E-001
2	1/7	3.762E+000	7.84E-002	4	2.67E-001	2.52E-001	1.1E+000
3	2/1	1.086E-002	8.09E-004	3	9.46E-001	1.10E+000	7.4E-001
3	4/3	2.018E-002	6.66E-003	2	4.16E+000	4.23E+000	9.6E-001
3	6/5	1.554E-002	7.07E-003	2	5.73E+000	5.77E+000	9.9E-001
3	5/7	9.181E-002	4.93E-003	2	6.76E-001	7.47E-001	8.2E-001
3	1/7	3.666E+000	6.18E-002	4	2.16E-001	2.48E-001	7.5E-001
4	2/1	1.082E-002	7.62E-004	3	8.95E-001	1.10E+000	6.6E-001
4	4/3	2.133E-002	7.48E-003	2	4.42E+000	4.25E+000	1.1E+000
4	6/5	1.455E-002	7.23E-003	2	6.26E+000	6.14E+000	1.0E+000
4	5/7	8.398E-002	4.34E-003	4	6.62E-001	7.78E-001	7.2E-001

4	1/7	3.560E+000	6.26E-002	3	2.23E-001	2.43E-001	8.4E-001
5	2/1	1.098E-002	7.28E-004	2	8.35E-001	1.09E+000	5.9E-001
5	4/3	2.070E-002	6.21E-003	4	3.84E+000	4.48E+000	7.4E-001
5	6/5	1.627E-002	6.73E-003	2	5.21E+000	5.97E+000	7.6E-001
5	5/7	7.810E-002	5.87E-003	1	9.40E-001	7.76E-001	1.5E+000
5	1/7	3.461E+000	5.62E-002	4	2.08E-001	2.43E-001	7.3E-001
6	2/1	1.093E-002	8.81E-004	3	1.02E+000	1.10E+000	8.6E-001
6	4/3	2.215E-002	5.68E-003	3	3.26E+000	4.40E+000	5.5E-001
6	6/5	1.694E-002	7.95E-003	1	5.86E+000	5.91E+000	9.8E-001
6	5/7	7.370E-002	4.39E-003	3	7.57E-001	8.06E-001	8.8E-001
6	1/7	3.389E+000	5.86E-002	2	2.18E-001	2.38E-001	8.4E-001
7	2/1	1.095E-002	8.92E-004	3	1.03E+000	1.11E+000	8.7E-001
7	4/3	2.252E-002	7.12E-003	1	3.95E+000	4.44E+000	7.9E-001
7	6/5	1.629E-002	6.42E-003	1	4.92E+000	6.24E+000	6.2E-001
7	5/7	7.004E-002	4.37E-003	3	7.92E-001	8.26E-001	9.2E-001
7	1/7	3.353E+000	6.56E-002	4	2.50E-001	2.43E-001	1.1E+000
8	2/1	1.072E-002	9.25E-004	2	1.09E+000	1.11E+000	9.6E-001
8	4/3	2.141E-002	7.35E-003	3	4.36E+000	4.73E+000	8.5E-001
8	6/5	1.641E-002	8.52E-003	4	6.65E+000	6.55E+000	1.0E+000
8	5/7	6.378E-002	3.48E-003	4	6.99E-001	8.53E-001	6.7E-001
8	1/7	3.233E+000	4.89E-002	3	1.92E-001	2.37E-001	6.6E-001
9	2/1	1.107E-002	7.62E-004	2	8.67E-001	1.10E+000	6.2E-001
9	4/3	1.979E-002	7.47E-003	1	4.72E+000	4.96E+000	9.1E-001
9	6/5	1.569E-002	6.71E-003	3	5.43E+000	6.76E+000	6.4E-001
9	5/7	6.017E-002	4.39E-003	1	9.11E-001	8.53E-001	1.1E+000
9	1/7	3.183E+000	6.35E-002	3	2.53E-001	2.37E-001	1.1E+000
10	2/1	1.108E-002	7.89E-004	4	9.11E-001	1.13E+000	6.6E-001
10	4/3	2.083E-002	7.06E-003	3	4.31E+000	5.01E+000	7.4E-001
10	6/5	1.709E-002	6.79E-003	4	5.08E+000	6.75E+000	5.7E-001
10	5/7	5.723E-002	3.38E-003	0	7.34E-001	8.72E-001	7.1E-001
10	1/7	3.156E+000	5.04E-002	3	2.03E-001	2.38E-001	7.2E-001
11	2/1	1.107E-002	7.18E-004	4	8.31E-001	1.13E+000	5.4E-001
11	4/3	1.910E-002	7.73E-003	0	5.02E+000	5.23E+000	9.2E-001
11	6/5	1.764E-002	8.83E-003	2	6.30E+000	6.65E+000	9.0E-001
11	5/7	5.385E-002	3.05E-003	4	7.26E-001	9.15E-001	6.3E-001
11	1/7	3.079E+000	5.04E-002	2	2.06E-001	2.34E-001	7.7E-001
12	2/1	1.097E-002	9.53E-004	1	1.09E+000	1.11E+000	9.6E-001
12	4/3	2.239E-002	7.05E-003	3	4.00E+000	5.09E+000	6.2E-001
12	6/5	1.763E-002	9.68E-003	3	6.97E+000	6.96E+000	1.0E+000
12	5/7	4.907E-002	3.86E-003	1	9.82E-001	9.28E-001	1.1E+000
12	1/7	3.016E+000	6.19E-002	2	2.58E-001	2.33E-001	1.2E+000
13	2/1	1.077E-002	7.88E-004	3	9.29E-001	1.13E+000	6.7E-001
13	4/3	2.148E-002	8.88E-003	3	5.25E+000	5.32E+000	9.7E-001
13	6/5	1.802E-002	8.49E-003	3	5.98E+000	6.95E+000	7.4E-001
13	5/7	4.683E-002	3.43E-003	3	9.31E-001	9.48E-001	9.6E-001
13	1/7	2.936E+000	5.11E-002	3	2.21E-001	2.32E-001	9.1E-001
14	2/1	1.082E-002	9.11E-004	2	1.06E+000	1.13E+000	8.8E-001
14	4/3	2.274E-002	9.33E-003	1	5.13E+000	5.25E+000	9.5E-001
14	6/5	1.690E-002	8.92E-003	3	6.70E+000	7.43E+000	8.1E-001
14	5/7	4.389E-002	3.00E-003	4	8.75E-001	9.88E-001	7.9E-001
14	1/7	2.902E+000	4.75E-002	2	2.06E-001	2.31E-001	8.0E-001
15	2/1	1.088E-002	1.06E-003	2	1.23E+000	1.13E+000	1.2E+000
15	4/3	2.108E-002	8.82E-003	3	5.31E+000	5.64E+000	8.9E-001
15	6/5	1.596E-002	8.54E-003	4	6.85E+000	7.87E+000	7.6E-001
15	5/7	4.125E-002	3.19E-003	3	9.83E-001	1.00E+000	9.6E-001

15	1/7	2.827E+000	5.25E-002	3	2.36E-001	2.32E-001	1.0E+000
16	2/1	1.097E-002	8.09E-004	5	9.52E-001	1.15E+000	6.8E-001
16	4/3	2.179E-002	8.15E-003	1	4.67E+000	5.52E+000	7.2E-001
16	6/5	1.571E-002	8.95E-003	5	7.36E+000	8.09E+000	8.3E-001
16	5/7	3.896E-002	2.63E-003	4	8.63E-001	1.02E+000	7.2E-001
16	1/7	2.736E+000	3.75E-002	5	1.77E-001	2.32E-001	5.8E-001
17	2/1	1.126E-002	8.44E-004	5	9.68E-001	1.14E+000	7.2E-001
17	4/3	2.164E-002	9.10E-003	4	5.38E+000	5.81E+000	8.6E-001
17	6/5	1.559E-002	8.74E-003	2	7.07E+000	8.07E+000	7.7E-001
17	5/7	3.704E-002	2.63E-003	1	8.87E-001	1.01E+000	7.7E-001
17	1/7	2.677E+000	4.41E-002	1	2.06E-001	2.24E-001	8.4E-001
18	2/1	1.089E-002	7.81E-004	2	9.04E-001	1.14E+000	6.3E-001
18	4/3	2.252E-002	8.88E-003	3	5.01E+000	5.83E+000	7.4E-001
18	6/5	1.895E-002	1.00E-002	2	6.68E+000	7.48E+000	8.0E-001
18	5/7	3.638E-002	2.44E-003	4	8.60E-001	1.05E+000	6.6E-001
18	1/7	2.682E+000	5.38E-002	2	2.53E-001	2.28E-001	1.2E+000
19	2/1	1.103E-002	9.63E-004	4	1.12E+000	1.16E+000	9.3E-001
19	4/3	2.196E-002	8.79E-003	2	5.04E+000	6.00E+000	7.1E-001
19	6/5	1.859E-002	1.11E-002	1	7.49E+000	7.72E+000	9.4E-001
19	5/7	3.323E-002	2.50E-003	3	9.56E-001	1.08E+000	7.9E-001
19	1/7	2.591E+000	4.96E-002	1	2.39E-001	2.24E-001	1.1E+000
20	2/1	1.077E-002	7.84E-004	4	9.32E-001	1.17E+000	6.3E-001
20	4/3	2.020E-002	1.04E-002	3	6.56E+000	6.47E+000	1.0E+000
20	6/5	1.543E-002	9.78E-003	2	7.99E+000	8.61E+000	8.6E-001
20	5/7	3.194E-002	2.79E-003	1	1.09E+000	1.07E+000	1.0E+000
20	1/7	2.534E+000	4.27E-002	2	2.13E-001	2.24E-001	9.0E-001
21	2/1	1.100E-002	9.67E-004	3	1.12E+000	1.15E+000	9.4E-001
21	4/3	2.082E-002	9.52E-003	2	5.76E+000	6.41E+000	8.1E-001
21	6/5	1.666E-002	9.96E-003	4	7.66E+000	8.55E+000	8.0E-001
21	5/7	2.992E-002	2.24E-003	2	9.43E-001	1.09E+000	7.4E-001
21	1/7	2.452E+000	4.36E-002	1	2.22E-001	2.20E-001	1.0E+000
22	2/1	1.080E-002	8.72E-004	3	1.03E+000	1.17E+000	7.7E-001
22	4/3	2.073E-002	1.12E-002	1	6.77E+000	6.49E+000	1.1E+000
22	6/5	1.506E-002	9.98E-003	4	8.49E+000	9.20E+000	8.5E-001
22	5/7	2.820E-002	2.31E-003	3	1.04E+000	1.13E+000	8.5E-001
22	1/7	2.388E+000	4.47E-002	3	2.38E-001	2.22E-001	1.1E+000
23	2/1	1.103E-002	1.05E-003	1	1.19E+000	1.14E+000	1.1E+000
23	4/3	1.933E-002	9.50E-003	2	6.19E+000	6.92E+000	8.0E-001
23	6/5	1.736E-002	9.59E-003	3	7.01E+000	8.65E+000	6.6E-001
23	5/7	2.733E-002	2.31E-003	2	1.07E+000	1.13E+000	8.9E-001
23	1/7	2.384E+000	3.92E-002	2	2.07E-001	2.20E-001	8.9E-001
24	2/1	1.098E-002	7.35E-004	3	8.50E-001	1.17E+000	5.3E-001
24	4/3	2.125E-002	1.15E-002	3	6.89E+000	6.86E+000	1.0E+000
24	6/5	1.535E-002	8.18E-003	2	6.71E+000	9.28E+000	5.2E-001
24	5/7	2.654E-002	2.34E-003	2	1.11E+000	1.16E+000	9.3E-001
24	1/7	2.373E+000	3.67E-002	3	1.96E-001	2.23E-001	7.7E-001
25	2/1	1.084E-002	1.03E-003	3	1.21E+000	1.18E+000	1.1E+000
25	4/3	2.142E-002	1.05E-002	3	6.23E+000	6.91E+000	8.1E-001
25	6/5	1.892E-002	1.22E-002	3	8.19E+000	8.59E+000	9.1E-001
25	5/7	2.539E-002	2.04E-003	3	1.02E+000	1.19E+000	7.4E-001
25	1/7	2.345E+000	4.35E-002	4	2.37E-001	2.25E-001	1.1E+000
26	2/1	1.077E-002	8.46E-004	3	9.98E-001	1.19E+000	7.1E-001
26	4/3	2.340E-002	1.16E-002	2	6.26E+000	6.77E+000	8.5E-001
26	6/5	1.475E-002	1.14E-002	3	9.83E+000	9.83E+000	1.0E+000
26	5/7	2.462E-002	1.78E-003	4	9.25E-001	1.21E+000	5.8E-001

26	1/7	2.314E+000	3.77E-002	4	2.09E-001	2.25E-001	8.6E-001
27	2/1	1.112E-002	7.77E-004	2	8.80E-001	1.17E+000	5.7E-001
27	4/3	2.220E-002	9.66E-003	3	5.53E+000	7.08E+000	6.1E-001
27	6/5	1.706E-002	1.10E-002	2	8.14E+000	9.24E+000	7.7E-001
27	5/7	2.428E-002	2.04E-003	3	1.07E+000	1.22E+000	7.6E-001
27	1/7	2.303E+000	4.09E-002	4	2.27E-001	2.26E-001	1.0E+000
28	2/1	1.066E-002	8.51E-004	3	1.01E+000	1.21E+000	7.1E-001
28	4/3	1.966E-002	9.74E-003	2	6.24E+000	7.68E+000	6.6E-001
28	6/5	1.693E-002	1.28E-002	2	9.52E+000	9.40E+000	1.0E+000
28	5/7	2.303E-002	2.01E-003	2	1.10E+000	1.23E+000	7.9E-001
28	1/7	2.268E+000	3.98E-002	3	2.23E-001	2.24E-001	9.9E-001
29	2/1	1.107E-002	9.22E-004	4	1.07E+000	1.19E+000	8.0E-001
29	4/3	2.133E-002	1.27E-002	1	7.44E+000	7.39E+000	1.0E+000
29	6/5	1.648E-002	1.05E-002	2	8.05E+000	9.66E+000	7.0E-001
29	5/7	2.228E-002	1.87E-003	3	1.07E+000	1.25E+000	7.3E-001
29	1/7	2.223E+000	3.95E-002	4	2.28E-001	2.23E-001	1.0E+000
30	2/1	1.081E-002	9.67E-004	4	1.14E+000	1.20E+000	9.1E-001
30	4/3	2.265E-002	1.17E-002	3	6.57E+000	7.45E+000	7.8E-001
30	6/5	1.518E-002	9.71E-003	4	8.19E+000	1.03E+001	6.3E-001
30	5/7	2.149E-002	2.35E-003	2	1.38E+000	1.26E+000	1.2E+000
30	1/7	2.222E+000	5.25E-002	1	2.95E-001	2.18E-001	1.8E+000
31	2/1	1.098E-002	7.75E-004	4	9.05E-001	1.19E+000	5.8E-001
31	4/3	2.456E-002	1.43E-002	3	7.39E+000	7.34E+000	1.0E+000
31	6/5	1.694E-002	1.26E-002	2	9.38E+000	9.79E+000	9.2E-001
31	5/7	2.096E-002	1.79E-003	3	1.08E+000	1.27E+000	7.3E-001
31	1/7	2.175E+000	4.17E-002	4	2.46E-001	2.21E-001	1.2E+000
32	2/1	1.106E-002	7.88E-004	4	9.12E-001	1.19E+000	5.9E-001
32	4/3	2.124E-002	1.45E-002	2	8.59E+000	8.04E+000	1.1E+000
32	6/5	1.662E-002	1.32E-002	2	1.00E+001	1.01E+001	9.8E-001
32	5/7	1.912E-002	1.85E-003	4	1.24E+000	1.33E+000	8.7E-001
32	1/7	2.145E+000	3.54E-002	3	2.09E-001	2.18E-001	9.2E-001
33	2/1	1.088E-002	9.76E-004	1	1.12E+000	1.17E+000	9.1E-001
33	4/3	2.300E-002	1.26E-002	2	6.93E+000	7.73E+000	8.0E-001
33	6/5	1.626E-002	1.23E-002	2	9.52E+000	1.04E+001	8.4E-001
33	5/7	1.873E-002	1.84E-003	2	1.24E+000	1.32E+000	8.9E-001
33	1/7	2.113E+000	3.08E-002	3	1.85E-001	2.18E-001	7.2E-001
34	2/1	1.110E-002	9.12E-004	3	1.04E+000	1.18E+000	7.9E-001
34	4/3	2.378E-002	1.31E-002	2	6.94E+000	7.78E+000	7.9E-001
34	6/5	1.445E-002	1.12E-002	2	9.73E+000	1.09E+001	7.9E-001
34	5/7	1.794E-002	1.76E-003	2	1.24E+000	1.32E+000	8.8E-001
34	1/7	2.064E+000	4.15E-002	2	2.53E-001	2.14E-001	1.4E+000
35	2/1	1.082E-002	9.43E-004	3	1.11E+000	1.19E+000	8.7E-001
35	4/3	2.353E-002	9.85E-003	3	5.32E+000	7.95E+000	4.5E-001
35	6/5	1.667E-002	1.20E-002	3	9.16E+000	1.02E+001	8.0E-001
35	5/7	1.774E-002	2.02E-003	1	1.42E+000	1.31E+000	1.2E+000
35	1/7	2.039E+000	3.31E-002	3	2.06E-001	2.14E-001	9.2E-001
36	2/1	1.108E-002	9.41E-004	3	1.08E+000	1.18E+000	8.4E-001
36	4/3	2.141E-002	1.14E-002	2	6.73E+000	8.34E+000	6.5E-001
36	6/5	1.921E-002	1.19E-002	3	7.87E+000	9.80E+000	6.4E-001
36	5/7	1.684E-002	1.70E-003	2	1.27E+000	1.34E+000	9.0E-001
36	1/7	1.993E+000	3.49E-002	2	2.21E-001	2.12E-001	1.1E+000
37	2/1	1.098E-002	8.32E-004	4	9.70E-001	1.20E+000	6.5E-001
37	4/3	2.442E-002	1.39E-002	1	7.11E+000	7.95E+000	8.0E-001
37	6/5	1.774E-002	1.22E-002	3	8.70E+000	1.03E+001	7.1E-001
37	5/7	1.625E-002	1.54E-003	2	1.19E+000	1.36E+000	7.7E-001

37	1/7	1.957E+000	2.69E-002	6	1.79E-001	2.19E-001	6.7E-001
38	2/1	1.089E-002	9.79E-004	4	1.15E+000	1.21E+000	9.1E-001
38	4/3	2.027E-002	1.27E-002	4	8.01E+000	9.00E+000	7.9E-001
38	6/5	1.849E-002	1.55E-002	1	1.05E+001	1.01E+001	1.1E+000
38	5/7	1.608E-002	1.24E-003	4	9.91E-001	1.41E+000	5.0E-001
38	1/7	2.001E+000	3.27E-002	4	2.10E-001	2.17E-001	9.3E-001
39	2/1	1.097E-002	9.82E-004	2	1.13E+000	1.19E+000	9.0E-001
39	4/3	2.644E-002	1.63E-002	2	7.78E+000	7.94E+000	9.6E-001
39	6/5	2.168E-002	1.56E-002	2	9.07E+000	9.68E+000	8.8E-001
39	5/7	1.524E-002	1.58E-003	3	1.32E+000	1.44E+000	8.4E-001
39	1/7	1.980E+000	3.11E-002	1	1.96E-001	2.13E-001	8.5E-001
40	2/1	1.111E-002	9.44E-004	1	1.06E+000	1.19E+000	8.0E-001
40	4/3	2.077E-002	1.22E-002	1	7.35E+000	8.86E+000	6.9E-001
40	6/5	1.537E-002	1.39E-002	3	1.15E+001	1.16E+001	9.7E-001
40	5/7	1.589E-002	1.67E-003	2	1.32E+000	1.42E+000	8.7E-001
40	1/7	2.012E+000	3.24E-002	3	2.04E-001	2.20E-001	8.6E-001
41	2/1	1.087E-002	9.74E-004	4	1.15E+000	1.24E+000	8.6E-001
41	4/3	2.067E-002	1.50E-002	2	9.11E+000	9.22E+000	9.8E-001
41	6/5	1.685E-002	1.33E-002	4	1.01E+001	1.11E+001	8.3E-001
41	5/7	1.592E-002	1.78E-003	2	1.41E+000	1.43E+000	9.7E-001
41	1/7	2.002E+000	3.18E-002	1	1.99E-001	2.18E-001	8.3E-001
42	2/1	1.094E-002	8.28E-004	3	9.62E-001	1.22E+000	6.2E-001
42	4/3	2.119E-002	1.49E-002	1	8.80E+000	9.22E+000	9.1E-001
42	6/5	2.035E-002	1.56E-002	2	9.65E+000	1.02E+001	9.0E-001
42	5/7	1.507E-002	1.28E-003	4	1.09E+000	1.47E+000	5.5E-001
42	1/7	1.947E+000	2.98E-002	1	1.91E-001	2.15E-001	7.9E-001
43	2/1	1.109E-002	8.68E-004	2	9.85E-001	1.20E+000	6.7E-001
43	4/3	2.228E-002	1.38E-002	3	7.87E+000	9.23E+000	7.3E-001
43	6/5	2.254E-002	1.78E-002	1	9.90E+000	9.73E+000	1.0E+000
43	5/7	1.441E-002	1.32E-003	5	1.18E+000	1.51E+000	6.1E-001
43	1/7	1.934E+000	2.68E-002	5	1.79E-001	2.21E-001	6.5E-001
44	2/1	1.111E-002	8.77E-004	3	1.00E+000	1.22E+000	6.8E-001
44	4/3	2.087E-002	1.56E-002	1	9.32E+000	9.63E+000	9.4E-001
44	6/5	1.813E-002	1.41E-002	2	9.77E+000	1.11E+001	7.7E-001
44	5/7	1.470E-002	1.68E-003	3	1.45E+000	1.47E+000	9.7E-001
44	1/7	1.936E+000	2.90E-002	3	1.90E-001	2.18E-001	7.6E-001
45	2/1	1.102E-002	8.62E-004	3	9.93E-001	1.22E+000	6.6E-001
45	4/3	2.121E-002	1.55E-002	2	9.20E+000	9.72E+000	8.9E-001
45	6/5	1.518E-002	1.29E-002	4	1.09E+001	1.23E+001	7.8E-001
45	5/7	1.419E-002	1.15E-003	5	1.04E+000	1.52E+000	4.7E-001
45	1/7	1.920E+000	3.33E-002	2	2.18E-001	2.17E-001	1.0E+000
46	2/1	1.095E-002	8.85E-004	4	1.03E+000	1.25E+000	6.9E-001
46	4/3	1.898E-002	1.75E-002	4	1.18E+001	1.07E+001	1.2E+000
46	6/5	1.960E-002	1.41E-002	2	9.07E+000	1.09E+001	6.9E-001
46	5/7	1.373E-002	1.49E-003	2	1.37E+000	1.51E+000	8.2E-001
46	1/7	1.897E+000	2.83E-002	4	1.91E-001	2.21E-001	7.5E-001
47	2/1	1.080E-002	9.44E-004	4	1.12E+000	1.26E+000	7.9E-001
47	4/3	1.961E-002	1.49E-002	3	9.66E+000	1.06E+001	8.3E-001
47	6/5	1.689E-002	1.41E-002	3	1.06E+001	1.21E+001	7.8E-001
47	5/7	1.329E-002	1.26E-003	2	1.19E+000	1.54E+000	6.0E-001
47	1/7	1.899E+000	2.77E-002	3	1.85E-001	2.19E-001	7.1E-001
48	2/1	1.111E-002	9.54E-004	1	1.07E+000	1.21E+000	7.9E-001
48	4/3	2.293E-002	1.53E-002	1	8.35E+000	9.56E+000	7.6E-001
48	6/5	1.635E-002	1.27E-002	2	9.82E+000	1.20E+001	6.6E-001
48	5/7	1.322E-002	1.36E-003	4	1.32E+000	1.56E+000	7.1E-001

48	1/7	1.887E+000	3.10E-002	2	2.07E-001	2.17E-001	9.1E-001
49	2/1	1.103E-002	1.20E-003	2	1.37E+000	1.23E+000	1.2E+000
49	4/3	1.985E-002	1.61E-002	4	1.04E+001	1.05E+001	9.7E-001
49	6/5	1.681E-002	1.51E-002	4	1.15E+001	1.21E+001	9.1E-001
49	5/7	1.351E-002	1.55E-003	2	1.44E+000	1.53E+000	8.9E-001
49	1/7	1.891E+000	3.59E-002	1	2.37E-001	2.17E-001	1.2E+000
50	2/1	1.120E-002	9.99E-004	2	1.12E+000	1.22E+000	8.5E-001
50	4/3	1.916E-002	1.59E-002	2	1.05E+001	1.08E+001	9.5E-001
50	6/5	1.327E-002	1.17E-002	3	1.12E+001	1.35E+001	6.9E-001
50	5/7	1.305E-002	1.36E-003	2	1.32E+000	1.55E+000	7.2E-001
50	1/7	1.867E+000	3.63E-002	3	2.47E-001	2.20E-001	1.3E+000
51	2/1	1.089E-002	1.01E-003	3	1.17E+000	1.25E+000	8.9E-001
51	4/3	2.103E-002	1.53E-002	4	9.33E+000	1.06E+001	7.7E-001
51	6/5	1.934E-002	1.52E-002	4	1.01E+001	1.15E+001	7.7E-001
51	5/7	1.250E-002	1.32E-003	2	1.33E+000	1.56E+000	7.2E-001
51	1/7	1.833E+000	2.72E-002	3	1.88E-001	2.18E-001	7.5E-001
52	2/1	1.091E-002	9.25E-004	4	1.09E+000	1.26E+000	7.4E-001
52	4/3	2.319E-002	1.59E-002	2	8.66E+000	1.01E+001	7.4E-001
52	6/5	1.964E-002	1.60E-002	5	1.05E+001	1.17E+001	8.0E-001
52	5/7	1.220E-002	1.52E-003	3	1.58E+000	1.60E+000	9.7E-001
52	1/7	1.832E+000	3.44E-002	1	2.35E-001	2.15E-001	1.2E+000
53	2/1	1.098E-002	1.12E-003	2	1.28E+000	1.25E+000	1.1E+000
53	4/3	2.519E-002	1.84E-002	4	9.36E+000	1.00E+001	8.7E-001
53	6/5	1.713E-002	1.62E-002	4	1.21E+001	1.24E+001	9.5E-001
53	5/7	1.245E-002	1.57E-003	2	1.58E+000	1.59E+000	9.9E-001
53	1/7	1.839E+000	3.39E-002	2	2.32E-001	2.19E-001	1.1E+000
54	2/1	1.112E-002	1.01E-003	1	1.14E+000	1.22E+000	8.8E-001
54	4/3	2.450E-002	1.70E-002	3	8.79E+000	1.00E+001	7.7E-001
54	6/5	1.397E-002	1.12E-002	4	1.03E+001	1.37E+001	5.6E-001
54	5/7	1.177E-002	1.49E-003	3	1.61E+000	1.62E+000	9.9E-001
54	1/7	1.820E+000	3.12E-002	0	2.13E-001	2.12E-001	1.0E+000
55	2/1	1.089E-002	1.08E-003	3	1.26E+000	1.25E+000	1.0E+000
55	4/3	1.931E-002	1.44E-002	3	9.46E+000	1.15E+001	6.8E-001
55	6/5	2.387E-002	1.69E-002	3	8.98E+000	1.06E+001	7.2E-001
55	5/7	1.186E-002	1.14E-003	6	1.25E+000	1.64E+000	5.8E-001
55	1/7	1.786E+000	2.83E-002	3	2.01E-001	2.17E-001	8.6E-001
56	2/1	1.106E-002	1.00E-003	2	1.14E+000	1.23E+000	8.6E-001
56	4/3	2.549E-002	1.71E-002	2	8.45E+000	1.00E+001	7.1E-001
56	6/5	1.950E-002	1.65E-002	3	1.07E+001	1.17E+001	8.5E-001
56	5/7	1.151E-002	1.45E-003	3	1.60E+000	1.63E+000	9.6E-001
56	1/7	1.784E+000	2.67E-002	2	1.88E-001	2.15E-001	7.7E-001
57	2/1	1.092E-002	8.06E-004	3	9.37E-001	1.26E+000	5.6E-001
57	4/3	1.932E-002	1.61E-002	3	1.06E+001	1.18E+001	8.0E-001
57	6/5	1.731E-002	1.55E-002	3	1.14E+001	1.24E+001	8.4E-001
57	5/7	1.173E-002	1.27E-003	4	1.39E+000	1.64E+000	7.2E-001
57	1/7	1.788E+000	3.11E-002	3	2.21E-001	2.18E-001	1.0E+000
58	2/1	1.087E-002	9.09E-004	3	1.06E+000	1.26E+000	7.1E-001
58	4/3	2.117E-002	1.67E-002	3	1.00E+001	1.13E+001	7.8E-001
58	6/5	1.922E-002	1.90E-002	4	1.27E+001	1.22E+001	1.1E+000
58	5/7	1.096E-002	1.45E-003	4	1.70E+000	1.69E+000	1.0E+000
58	1/7	1.774E+000	3.39E-002	3	2.43E-001	2.18E-001	1.2E+000
59	2/1	1.105E-002	9.60E-004	3	1.10E+000	1.25E+000	7.7E-001
59	4/3	2.118E-002	1.43E-002	4	8.67E+000	1.15E+001	5.7E-001
59	6/5	1.634E-002	1.69E-002	3	1.31E+001	1.28E+001	1.1E+000
59	5/7	1.163E-002	1.46E-003	3	1.60E+000	1.62E+000	9.7E-001

59	1/7	1.755E+000	2.89E-002	2	2.08E-001	2.16E-001	9.3E-001
60	2/1	1.110E-002	9.95E-004	4	1.15E+000	1.26E+000	8.3E-001
60	4/3	1.956E-002	1.81E-002	3	1.18E+001	1.20E+001	9.6E-001
60	6/5	1.895E-002	1.70E-002	2	1.13E+001	1.19E+001	9.0E-001
60	5/7	1.102E-002	1.17E-003	3	1.35E+000	1.66E+000	6.6E-001
60	1/7	1.744E+000	2.51E-002	4	1.84E-001	2.19E-001	7.1E-001

Cumulated results

Mass# Cumulated count

1	4.18226E+007
2	4.58152E+005
3	6.86228E+005
4	1.52540E+004
5	5.11114E+005
6	9.15801E+003
7	1.81023E+007

Ratio#	Ratios	Err_Poisson(%)	Err_mean(%)	Khi2	SD_Block(%)
2/1	1.09546E-002	1.49E-001	1.50E-001	1.0E+000	9.34E+000
4/3	2.22288E-002	8.19E-001	1.00E+000	1.5E+000	6.27E+001
6/5	1.79177E-002	1.05E+000	1.25E+000	1.4E+000	7.80E+001
5/7	2.82348E-002	1.42E-001	1.26E+000	7.8E+001	7.84E+001
1/7	2.31035E+000	2.81E-002	4.00E-001	2.0E+002	2.50E+001

-- Section 3 ---- EM (Yield and Dead time) & FC (Relative gain) with Baseline

Block to block results

Block#	Ratio#	Mean	SD	N_rej	Err_mean(%)	Poisson(%)	Khi2
1	2/1	1.071E-002	8.44E-004	3	1.00E+000	1.11E+000	8.1E-001
1	4/3	2.125E-002	6.22E-003	2	3.69E+000	3.96E+000	8.7E-001
1	6/5	1.541E-002	5.29E-003	4	4.40E+000	5.56E+000	6.3E-001
1	5/7	1.101E-001	6.74E-003	3	7.77E-001	7.17E-001	1.2E+000
1	1/7	3.897E+000	7.48E-002	3	2.44E-001	2.53E-001	9.3E-001
2	2/1	1.087E-002	9.13E-004	1	1.05E+000	1.09E+000	9.3E-001
2	4/3	2.195E-002	5.95E-003	4	3.47E+000	4.04E+000	7.4E-001
2	6/5	1.676E-002	7.05E-003	1	5.26E+000	5.41E+000	9.5E-001
2	5/7	1.003E-001	5.12E-003	4	6.53E-001	7.44E-001	7.7E-001
2	1/7	3.762E+000	7.84E-002	4	2.67E-001	2.52E-001	1.1E+000
3	2/1	1.086E-002	8.09E-004	3	9.46E-001	1.10E+000	7.4E-001
3	4/3	2.018E-002	6.66E-003	2	4.16E+000	4.23E+000	9.6E-001
3	6/5	1.554E-002	7.07E-003	2	5.73E+000	5.77E+000	9.9E-001
3	5/7	9.181E-002	4.93E-003	2	6.76E-001	7.47E-001	8.2E-001
3	1/7	3.666E+000	6.18E-002	4	2.16E-001	2.48E-001	7.5E-001
4	2/1	1.082E-002	7.62E-004	3	8.95E-001	1.10E+000	6.6E-001
4	4/3	2.133E-002	7.48E-003	2	4.42E+000	4.25E+000	1.1E+000
4	6/5	1.455E-002	7.23E-003	2	6.26E+000	6.14E+000	1.0E+000
4	5/7	8.398E-002	4.34E-003	4	6.62E-001	7.78E-001	7.2E-001
4	1/7	3.560E+000	6.26E-002	3	2.23E-001	2.43E-001	8.4E-001
5	2/1	1.098E-002	7.28E-004	2	8.35E-001	1.09E+000	5.9E-001
5	4/3	2.070E-002	6.21E-003	4	3.84E+000	4.48E+000	7.4E-001
5	6/5	1.627E-002	6.73E-003	2	5.21E+000	5.97E+000	7.6E-001
5	5/7	7.810E-002	5.87E-003	1	9.40E-001	7.76E-001	1.5E+000
5	1/7	3.461E+000	5.62E-002	4	2.08E-001	2.43E-001	7.3E-001

6	2/1	1.093E-002	8.81E-004	3	1.02E+000	1.10E+000	8.6E-001
6	4/3	2.215E-002	5.68E-003	3	3.26E+000	4.40E+000	5.5E-001
6	6/5	1.694E-002	7.95E-003	1	5.86E+000	5.91E+000	9.8E-001
6	5/7	7.370E-002	4.39E-003	3	7.57E-001	8.06E-001	8.8E-001
6	1/7	3.389E+000	5.86E-002	2	2.18E-001	2.38E-001	8.4E-001
7	2/1	1.095E-002	8.92E-004	3	1.03E+000	1.11E+000	8.7E-001
7	4/3	2.252E-002	7.12E-003	1	3.95E+000	4.44E+000	7.9E-001
7	6/5	1.629E-002	6.42E-003	1	4.92E+000	6.24E+000	6.2E-001
7	5/7	7.004E-002	4.37E-003	3	7.92E-001	8.26E-001	9.2E-001
7	1/7	3.353E+000	6.56E-002	4	2.50E-001	2.43E-001	1.1E+000
8	2/1	1.072E-002	9.25E-004	2	1.09E+000	1.11E+000	9.6E-001
8	4/3	2.141E-002	7.35E-003	3	4.36E+000	4.73E+000	8.5E-001
8	6/5	1.641E-002	8.52E-003	4	6.65E+000	6.55E+000	1.0E+000
8	5/7	6.378E-002	3.48E-003	4	6.99E-001	8.53E-001	6.7E-001
8	1/7	3.233E+000	4.89E-002	3	1.92E-001	2.37E-001	6.6E-001
9	2/1	1.107E-002	7.62E-004	2	8.67E-001	1.10E+000	6.2E-001
9	4/3	1.979E-002	7.47E-003	1	4.72E+000	4.96E+000	9.1E-001
9	6/5	1.569E-002	6.71E-003	3	5.43E+000	6.76E+000	6.4E-001
9	5/7	6.017E-002	4.39E-003	1	9.11E-001	8.53E-001	1.1E+000
9	1/7	3.183E+000	6.35E-002	3	2.53E-001	2.37E-001	1.1E+000
10	2/1	1.108E-002	7.89E-004	4	9.11E-001	1.13E+000	6.6E-001
10	4/3	2.083E-002	7.06E-003	3	4.31E+000	5.01E+000	7.4E-001
10	6/5	1.709E-002	6.79E-003	4	5.08E+000	6.75E+000	5.7E-001
10	5/7	5.723E-002	3.38E-003	0	7.34E-001	8.72E-001	7.1E-001
10	1/7	3.156E+000	5.04E-002	3	2.03E-001	2.38E-001	7.2E-001
11	2/1	1.107E-002	7.18E-004	4	8.31E-001	1.13E+000	5.4E-001
11	4/3	1.910E-002	7.73E-003	0	5.02E+000	5.23E+000	9.2E-001
11	6/5	1.764E-002	8.83E-003	2	6.30E+000	6.65E+000	9.0E-001
11	5/7	5.385E-002	3.05E-003	4	7.26E-001	9.15E-001	6.3E-001
11	1/7	3.079E+000	5.04E-002	2	2.06E-001	2.34E-001	7.7E-001
12	2/1	1.097E-002	9.53E-004	1	1.09E+000	1.11E+000	9.6E-001
12	4/3	2.239E-002	7.05E-003	3	4.00E+000	5.09E+000	6.2E-001
12	6/5	1.763E-002	9.68E-003	3	6.97E+000	6.96E+000	1.0E+000
12	5/7	4.907E-002	3.86E-003	1	9.82E-001	9.28E-001	1.1E+000
12	1/7	3.016E+000	6.19E-002	2	2.58E-001	2.33E-001	1.2E+000
13	2/1	1.077E-002	7.88E-004	3	9.29E-001	1.13E+000	6.7E-001
13	4/3	2.148E-002	8.88E-003	3	5.25E+000	5.32E+000	9.7E-001
13	6/5	1.802E-002	8.49E-003	3	5.98E+000	6.95E+000	7.4E-001
13	5/7	4.683E-002	3.43E-003	3	9.31E-001	9.48E-001	9.6E-001
13	1/7	2.936E+000	5.11E-002	3	2.21E-001	2.32E-001	9.1E-001
14	2/1	1.082E-002	9.11E-004	2	1.06E+000	1.13E+000	8.8E-001
14	4/3	2.274E-002	9.33E-003	1	5.13E+000	5.25E+000	9.5E-001
14	6/5	1.690E-002	8.92E-003	3	6.70E+000	7.43E+000	8.1E-001
14	5/7	4.389E-002	3.00E-003	4	8.75E-001	9.88E-001	7.9E-001
14	1/7	2.902E+000	4.75E-002	2	2.06E-001	2.31E-001	8.0E-001
15	2/1	1.088E-002	1.06E-003	2	1.23E+000	1.13E+000	1.2E+000
15	4/3	2.108E-002	8.82E-003	3	5.31E+000	5.64E+000	8.9E-001
15	6/5	1.596E-002	8.54E-003	4	6.85E+000	7.87E+000	7.6E-001
15	5/7	4.125E-002	3.19E-003	3	9.83E-001	1.00E+000	9.6E-001
15	1/7	2.827E+000	5.25E-002	3	2.36E-001	2.32E-001	1.0E+000
16	2/1	1.097E-002	8.09E-004	5	9.52E-001	1.15E+000	6.8E-001
16	4/3	2.179E-002	8.15E-003	1	4.67E+000	5.52E+000	7.2E-001
16	6/5	1.571E-002	8.95E-003	5	7.36E+000	8.09E+000	8.3E-001
16	5/7	3.896E-002	2.63E-003	4	8.63E-001	1.02E+000	7.2E-001
16	1/7	2.736E+000	3.75E-002	5	1.77E-001	2.32E-001	5.8E-001

17	2/1	1.126E-002	8.44E-004	5	9.68E-001	1.14E+000	7.2E-001
17	4/3	2.164E-002	9.10E-003	4	5.38E+000	5.81E+000	8.6E-001
17	6/5	1.559E-002	8.74E-003	2	7.07E+000	8.07E+000	7.7E-001
17	5/7	3.704E-002	2.63E-003	1	8.87E-001	1.01E+000	7.7E-001
17	1/7	2.677E+000	4.41E-002	1	2.06E-001	2.24E-001	8.4E-001
18	2/1	1.089E-002	7.81E-004	2	9.04E-001	1.14E+000	6.3E-001
18	4/3	2.252E-002	8.88E-003	3	5.01E+000	5.83E+000	7.4E-001
18	6/5	1.895E-002	1.00E-002	2	6.68E+000	7.48E+000	8.0E-001
18	5/7	3.638E-002	2.44E-003	4	8.60E-001	1.05E+000	6.6E-001
18	1/7	2.682E+000	5.38E-002	2	2.53E-001	2.28E-001	1.2E+000
19	2/1	1.103E-002	9.63E-004	4	1.12E+000	1.16E+000	9.3E-001
19	4/3	2.196E-002	8.79E-003	2	5.04E+000	6.00E+000	7.1E-001
19	6/5	1.859E-002	1.11E-002	1	7.49E+000	7.72E+000	9.4E-001
19	5/7	3.323E-002	2.50E-003	3	9.56E-001	1.08E+000	7.9E-001
19	1/7	2.591E+000	4.96E-002	1	2.39E-001	2.24E-001	1.1E+000
20	2/1	1.077E-002	7.84E-004	4	9.32E-001	1.17E+000	6.3E-001
20	4/3	2.020E-002	1.04E-002	3	6.56E+000	6.47E+000	1.0E+000
20	6/5	1.543E-002	9.78E-003	2	7.99E+000	8.61E+000	8.6E-001
20	5/7	3.194E-002	2.79E-003	1	1.09E+000	1.07E+000	1.0E+000
20	1/7	2.534E+000	4.27E-002	2	2.13E-001	2.24E-001	9.0E-001
21	2/1	1.100E-002	9.67E-004	3	1.12E+000	1.15E+000	9.4E-001
21	4/3	2.082E-002	9.52E-003	2	5.76E+000	6.41E+000	8.1E-001
21	6/5	1.666E-002	9.96E-003	4	7.66E+000	8.55E+000	8.0E-001
21	5/7	2.992E-002	2.24E-003	2	9.43E-001	1.09E+000	7.4E-001
21	1/7	2.452E+000	4.36E-002	1	2.22E-001	2.20E-001	1.0E+000
22	2/1	1.080E-002	8.72E-004	3	1.03E+000	1.17E+000	7.7E-001
22	4/3	2.073E-002	1.12E-002	1	6.77E+000	6.49E+000	1.1E+000
22	6/5	1.506E-002	9.98E-003	4	8.49E+000	9.20E+000	8.5E-001
22	5/7	2.820E-002	2.31E-003	3	1.04E+000	1.13E+000	8.5E-001
22	1/7	2.388E+000	4.47E-002	3	2.38E-001	2.22E-001	1.1E+000
23	2/1	1.103E-002	1.05E-003	1	1.19E+000	1.14E+000	1.1E+000
23	4/3	1.933E-002	9.50E-003	2	6.19E+000	6.92E+000	8.0E-001
23	6/5	1.736E-002	9.59E-003	3	7.01E+000	8.65E+000	6.6E-001
23	5/7	2.733E-002	2.31E-003	2	1.07E+000	1.13E+000	8.9E-001
23	1/7	2.384E+000	3.92E-002	2	2.07E-001	2.20E-001	8.9E-001
24	2/1	1.098E-002	7.35E-004	3	8.50E-001	1.17E+000	5.3E-001
24	4/3	2.125E-002	1.15E-002	3	6.89E+000	6.86E+000	1.0E+000
24	6/5	1.535E-002	8.18E-003	2	6.71E+000	9.28E+000	5.2E-001
24	5/7	2.654E-002	2.34E-003	2	1.11E+000	1.16E+000	9.3E-001
24	1/7	2.373E+000	3.67E-002	3	1.96E-001	2.23E-001	7.7E-001
25	2/1	1.084E-002	1.03E-003	3	1.21E+000	1.18E+000	1.1E+000
25	4/3	2.142E-002	1.05E-002	3	6.23E+000	6.91E+000	8.1E-001
25	6/5	1.892E-002	1.22E-002	3	8.19E+000	8.59E+000	9.1E-001
25	5/7	2.539E-002	2.04E-003	3	1.02E+000	1.19E+000	7.4E-001
25	1/7	2.345E+000	4.35E-002	4	2.37E-001	2.25E-001	1.1E+000
26	2/1	1.077E-002	8.46E-004	3	9.98E-001	1.19E+000	7.1E-001
26	4/3	2.340E-002	1.16E-002	2	6.26E+000	6.77E+000	8.5E-001
26	6/5	1.475E-002	1.14E-002	3	9.83E+000	9.83E+000	1.0E+000
26	5/7	2.462E-002	1.78E-003	4	9.25E-001	1.21E+000	5.8E-001
26	1/7	2.314E+000	3.77E-002	4	2.09E-001	2.25E-001	8.6E-001
27	2/1	1.112E-002	7.77E-004	2	8.80E-001	1.17E+000	5.7E-001
27	4/3	2.220E-002	9.66E-003	3	5.53E+000	7.08E+000	6.1E-001
27	6/5	1.706E-002	1.10E-002	2	8.14E+000	9.24E+000	7.7E-001
27	5/7	2.428E-002	2.04E-003	3	1.07E+000	1.22E+000	7.6E-001
27	1/7	2.303E+000	4.09E-002	4	2.27E-001	2.26E-001	1.0E+000

28	2/1	1.066E-002	8.51E-004	3	1.01E+000	1.21E+000	7.1E-001
28	4/3	1.966E-002	9.74E-003	2	6.24E+000	7.68E+000	6.6E-001
28	6/5	1.693E-002	1.28E-002	2	9.52E+000	9.40E+000	1.0E+000
28	5/7	2.303E-002	2.01E-003	2	1.10E+000	1.23E+000	7.9E-001
28	1/7	2.268E+000	3.98E-002	3	2.23E-001	2.24E-001	9.9E-001
29	2/1	1.107E-002	9.22E-004	4	1.07E+000	1.19E+000	8.0E-001
29	4/3	2.133E-002	1.27E-002	1	7.44E+000	7.39E+000	1.0E+000
29	6/5	1.648E-002	1.05E-002	2	8.05E+000	9.66E+000	7.0E-001
29	5/7	2.228E-002	1.87E-003	3	1.07E+000	1.25E+000	7.3E-001
29	1/7	2.223E+000	3.95E-002	4	2.28E-001	2.23E-001	1.0E+000
30	2/1	1.081E-002	9.67E-004	4	1.14E+000	1.20E+000	9.1E-001
30	4/3	2.265E-002	1.17E-002	3	6.57E+000	7.45E+000	7.8E-001
30	6/5	1.518E-002	9.71E-003	4	8.19E+000	1.03E+001	6.3E-001
30	5/7	2.149E-002	2.35E-003	2	1.38E+000	1.26E+000	1.2E+000
30	1/7	2.222E+000	5.25E-002	1	2.95E-001	2.18E-001	1.8E+000
31	2/1	1.098E-002	7.75E-004	4	9.05E-001	1.19E+000	5.8E-001
31	4/3	2.456E-002	1.43E-002	3	7.39E+000	7.34E+000	1.0E+000
31	6/5	1.694E-002	1.26E-002	2	9.38E+000	9.79E+000	9.2E-001
31	5/7	2.096E-002	1.79E-003	3	1.08E+000	1.27E+000	7.3E-001
31	1/7	2.175E+000	4.17E-002	4	2.46E-001	2.21E-001	1.2E+000
32	2/1	1.106E-002	7.88E-004	4	9.12E-001	1.19E+000	5.9E-001
32	4/3	2.124E-002	1.45E-002	2	8.59E+000	8.04E+000	1.1E+000
32	6/5	1.662E-002	1.32E-002	2	1.00E+001	1.01E+001	9.8E-001
32	5/7	1.912E-002	1.85E-003	4	1.24E+000	1.33E+000	8.7E-001
32	1/7	2.145E+000	3.54E-002	3	2.09E-001	2.18E-001	9.2E-001
33	2/1	1.088E-002	9.76E-004	1	1.12E+000	1.17E+000	9.1E-001
33	4/3	2.300E-002	1.26E-002	2	6.93E+000	7.73E+000	8.0E-001
33	6/5	1.626E-002	1.23E-002	2	9.52E+000	1.04E+001	8.4E-001
33	5/7	1.873E-002	1.84E-003	2	1.24E+000	1.32E+000	8.9E-001
33	1/7	2.113E+000	3.08E-002	3	1.85E-001	2.18E-001	7.2E-001
34	2/1	1.110E-002	9.12E-004	3	1.04E+000	1.18E+000	7.9E-001
34	4/3	2.378E-002	1.31E-002	2	6.94E+000	7.78E+000	7.9E-001
34	6/5	1.445E-002	1.12E-002	2	9.73E+000	1.09E+001	7.9E-001
34	5/7	1.794E-002	1.76E-003	2	1.24E+000	1.32E+000	8.8E-001
34	1/7	2.064E+000	4.15E-002	2	2.53E-001	2.14E-001	1.4E+000
35	2/1	1.082E-002	9.43E-004	3	1.11E+000	1.19E+000	8.7E-001
35	4/3	2.353E-002	9.85E-003	3	5.32E+000	7.95E+000	4.5E-001
35	6/5	1.667E-002	1.20E-002	3	9.16E+000	1.02E+001	8.0E-001
35	5/7	1.774E-002	2.02E-003	1	1.42E+000	1.31E+000	1.2E+000
35	1/7	2.039E+000	3.31E-002	3	2.06E-001	2.14E-001	9.2E-001
36	2/1	1.108E-002	9.41E-004	3	1.08E+000	1.18E+000	8.4E-001
36	4/3	2.141E-002	1.14E-002	2	6.73E+000	8.34E+000	6.5E-001
36	6/5	1.921E-002	1.19E-002	3	7.87E+000	9.80E+000	6.4E-001
36	5/7	1.684E-002	1.70E-003	2	1.27E+000	1.34E+000	9.0E-001
36	1/7	1.993E+000	3.49E-002	2	2.21E-001	2.12E-001	1.1E+000
37	2/1	1.098E-002	8.32E-004	4	9.70E-001	1.20E+000	6.5E-001
37	4/3	2.442E-002	1.39E-002	1	7.11E+000	7.95E+000	8.0E-001
37	6/5	1.774E-002	1.22E-002	3	8.70E+000	1.03E+001	7.1E-001
37	5/7	1.625E-002	1.54E-003	2	1.19E+000	1.36E+000	7.7E-001
37	1/7	1.957E+000	2.69E-002	6	1.79E-001	2.19E-001	6.7E-001
38	2/1	1.089E-002	9.79E-004	4	1.15E+000	1.21E+000	9.1E-001
38	4/3	2.027E-002	1.27E-002	4	8.01E+000	9.00E+000	7.9E-001
38	6/5	1.849E-002	1.55E-002	1	1.05E+001	1.01E+001	1.1E+000
38	5/7	1.608E-002	1.24E-003	4	9.91E-001	1.41E+000	5.0E-001
38	1/7	2.001E+000	3.27E-002	4	2.10E-001	2.17E-001	9.3E-001

39	2/1	1.097E-002	9.82E-004	2	1.13E+000	1.19E+000	9.0E-001
39	4/3	2.644E-002	1.63E-002	2	7.78E+000	7.94E+000	9.6E-001
39	6/5	2.168E-002	1.56E-002	2	9.07E+000	9.68E+000	8.8E-001
39	5/7	1.524E-002	1.58E-003	3	1.32E+000	1.44E+000	8.4E-001
39	1/7	1.980E+000	3.11E-002	1	1.96E-001	2.13E-001	8.5E-001
40	2/1	1.111E-002	9.44E-004	1	1.06E+000	1.19E+000	8.0E-001
40	4/3	2.077E-002	1.22E-002	1	7.35E+000	8.86E+000	6.9E-001
40	6/5	1.537E-002	1.39E-002	3	1.15E+001	1.16E+001	9.7E-001
40	5/7	1.589E-002	1.67E-003	2	1.32E+000	1.42E+000	8.7E-001
40	1/7	2.012E+000	3.24E-002	3	2.04E-001	2.20E-001	8.6E-001
41	2/1	1.087E-002	9.74E-004	4	1.15E+000	1.24E+000	8.6E-001
41	4/3	2.067E-002	1.50E-002	2	9.11E+000	9.22E+000	9.8E-001
41	6/5	1.685E-002	1.33E-002	4	1.01E+001	1.11E+001	8.3E-001
41	5/7	1.592E-002	1.78E-003	2	1.41E+000	1.43E+000	9.7E-001
41	1/7	2.002E+000	3.18E-002	1	1.99E-001	2.18E-001	8.3E-001
42	2/1	1.094E-002	8.28E-004	3	9.62E-001	1.22E+000	6.2E-001
42	4/3	2.119E-002	1.49E-002	1	8.80E+000	9.22E+000	9.1E-001
42	6/5	2.035E-002	1.56E-002	2	9.65E+000	1.02E+001	9.0E-001
42	5/7	1.507E-002	1.28E-003	4	1.09E+000	1.47E+000	5.5E-001
42	1/7	1.947E+000	2.98E-002	1	1.91E-001	2.15E-001	7.9E-001
43	2/1	1.109E-002	8.68E-004	2	9.85E-001	1.20E+000	6.7E-001
43	4/3	2.228E-002	1.38E-002	3	7.87E+000	9.23E+000	7.3E-001
43	6/5	2.254E-002	1.78E-002	1	9.90E+000	9.73E+000	1.0E+000
43	5/7	1.441E-002	1.32E-003	5	1.18E+000	1.51E+000	6.1E-001
43	1/7	1.934E+000	2.68E-002	5	1.79E-001	2.21E-001	6.5E-001
44	2/1	1.111E-002	8.77E-004	3	1.00E+000	1.22E+000	6.8E-001
44	4/3	2.087E-002	1.56E-002	1	9.32E+000	9.63E+000	9.4E-001
44	6/5	1.813E-002	1.41E-002	2	9.77E+000	1.11E+001	7.7E-001
44	5/7	1.470E-002	1.68E-003	3	1.45E+000	1.47E+000	9.7E-001
44	1/7	1.936E+000	2.90E-002	3	1.90E-001	2.18E-001	7.6E-001
45	2/1	1.102E-002	8.62E-004	3	9.93E-001	1.22E+000	6.6E-001
45	4/3	2.121E-002	1.55E-002	2	9.20E+000	9.72E+000	8.9E-001
45	6/5	1.518E-002	1.29E-002	4	1.09E+001	1.23E+001	7.8E-001
45	5/7	1.419E-002	1.15E-003	5	1.04E+000	1.52E+000	4.7E-001
45	1/7	1.920E+000	3.33E-002	2	2.18E-001	2.17E-001	1.0E+000
46	2/1	1.095E-002	8.85E-004	4	1.03E+000	1.25E+000	6.9E-001
46	4/3	1.898E-002	1.75E-002	4	1.18E+001	1.07E+001	1.2E+000
46	6/5	1.960E-002	1.41E-002	2	9.07E+000	1.09E+001	6.9E-001
46	5/7	1.373E-002	1.49E-003	2	1.37E+000	1.51E+000	8.2E-001
46	1/7	1.897E+000	2.83E-002	4	1.91E-001	2.21E-001	7.5E-001
47	2/1	1.080E-002	9.44E-004	4	1.12E+000	1.26E+000	7.9E-001
47	4/3	1.961E-002	1.49E-002	3	9.66E+000	1.06E+001	8.3E-001
47	6/5	1.689E-002	1.41E-002	3	1.06E+001	1.21E+001	7.8E-001
47	5/7	1.329E-002	1.26E-003	2	1.19E+000	1.54E+000	6.0E-001
47	1/7	1.899E+000	2.77E-002	3	1.85E-001	2.19E-001	7.1E-001
48	2/1	1.111E-002	9.54E-004	1	1.07E+000	1.21E+000	7.9E-001
48	4/3	2.293E-002	1.53E-002	1	8.35E+000	9.56E+000	7.6E-001
48	6/5	1.635E-002	1.27E-002	2	9.82E+000	1.20E+001	6.6E-001
48	5/7	1.322E-002	1.36E-003	4	1.32E+000	1.56E+000	7.1E-001
48	1/7	1.887E+000	3.10E-002	2	2.07E-001	2.17E-001	9.1E-001
49	2/1	1.103E-002	1.20E-003	2	1.37E+000	1.23E+000	1.2E+000
49	4/3	1.985E-002	1.61E-002	4	1.04E+001	1.05E+001	9.7E-001
49	6/5	1.681E-002	1.51E-002	4	1.15E+001	1.21E+001	9.1E-001
49	5/7	1.351E-002	1.55E-003	2	1.44E+000	1.53E+000	8.9E-001
49	1/7	1.891E+000	3.59E-002	1	2.37E-001	2.17E-001	1.2E+000

50	2/1	1.120E-002	9.99E-004	2	1.12E+000	1.22E+000	8.5E-001
50	4/3	1.916E-002	1.59E-002	2	1.05E+001	1.08E+001	9.5E-001
50	6/5	1.327E-002	1.17E-002	3	1.12E+001	1.35E+001	6.9E-001
50	5/7	1.305E-002	1.36E-003	2	1.32E+000	1.55E+000	7.2E-001
50	1/7	1.867E+000	3.63E-002	3	2.47E-001	2.20E-001	1.3E+000
51	2/1	1.089E-002	1.01E-003	3	1.17E+000	1.25E+000	8.9E-001
51	4/3	2.103E-002	1.53E-002	4	9.33E+000	1.06E+001	7.7E-001
51	6/5	1.934E-002	1.52E-002	4	1.01E+001	1.15E+001	7.7E-001
51	5/7	1.250E-002	1.32E-003	2	1.33E+000	1.56E+000	7.2E-001
51	1/7	1.833E+000	2.72E-002	3	1.88E-001	2.18E-001	7.5E-001
52	2/1	1.091E-002	9.25E-004	4	1.09E+000	1.26E+000	7.4E-001
52	4/3	2.319E-002	1.59E-002	2	8.66E+000	1.01E+001	7.4E-001
52	6/5	1.964E-002	1.60E-002	5	1.05E+001	1.17E+001	8.0E-001
52	5/7	1.220E-002	1.52E-003	3	1.58E+000	1.60E+000	9.7E-001
52	1/7	1.832E+000	3.44E-002	1	2.35E-001	2.15E-001	1.2E+000
53	2/1	1.098E-002	1.12E-003	2	1.28E+000	1.25E+000	1.1E+000
53	4/3	2.519E-002	1.84E-002	4	9.36E+000	1.00E+001	8.7E-001
53	6/5	1.713E-002	1.62E-002	4	1.21E+001	1.24E+001	9.5E-001
53	5/7	1.245E-002	1.57E-003	2	1.58E+000	1.59E+000	9.9E-001
53	1/7	1.839E+000	3.39E-002	2	2.32E-001	2.19E-001	1.1E+000
54	2/1	1.112E-002	1.01E-003	1	1.14E+000	1.22E+000	8.8E-001
54	4/3	2.450E-002	1.70E-002	3	8.79E+000	1.00E+001	7.7E-001
54	6/5	1.397E-002	1.12E-002	4	1.03E+001	1.37E+001	5.6E-001
54	5/7	1.177E-002	1.49E-003	3	1.61E+000	1.62E+000	9.9E-001
54	1/7	1.820E+000	3.12E-002	0	2.13E-001	2.12E-001	1.0E+000
55	2/1	1.089E-002	1.08E-003	3	1.26E+000	1.25E+000	1.0E+000
55	4/3	1.931E-002	1.44E-002	3	9.46E+000	1.15E+001	6.8E-001
55	6/5	2.387E-002	1.69E-002	3	8.98E+000	1.06E+001	7.2E-001
55	5/7	1.186E-002	1.14E-003	6	1.25E+000	1.64E+000	5.8E-001
55	1/7	1.786E+000	2.83E-002	3	2.01E-001	2.17E-001	8.6E-001
56	2/1	1.106E-002	1.00E-003	2	1.14E+000	1.23E+000	8.6E-001
56	4/3	2.549E-002	1.71E-002	2	8.45E+000	1.00E+001	7.1E-001
56	6/5	1.950E-002	1.65E-002	3	1.07E+001	1.17E+001	8.5E-001
56	5/7	1.151E-002	1.45E-003	3	1.60E+000	1.63E+000	9.6E-001
56	1/7	1.784E+000	2.67E-002	2	1.88E-001	2.15E-001	7.7E-001
57	2/1	1.092E-002	8.06E-004	3	9.37E-001	1.26E+000	5.6E-001
57	4/3	1.932E-002	1.61E-002	3	1.06E+001	1.18E+001	8.0E-001
57	6/5	1.731E-002	1.55E-002	3	1.14E+001	1.24E+001	8.4E-001
57	5/7	1.173E-002	1.27E-003	4	1.39E+000	1.64E+000	7.2E-001
57	1/7	1.788E+000	3.11E-002	3	2.21E-001	2.18E-001	1.0E+000
58	2/1	1.087E-002	9.09E-004	3	1.06E+000	1.26E+000	7.1E-001
58	4/3	2.117E-002	1.67E-002	3	1.00E+001	1.13E+001	7.8E-001
58	6/5	1.922E-002	1.90E-002	4	1.27E+001	1.22E+001	1.1E+000
58	5/7	1.096E-002	1.45E-003	4	1.70E+000	1.69E+000	1.0E+000
58	1/7	1.774E+000	3.39E-002	3	2.43E-001	2.18E-001	1.2E+000
59	2/1	1.105E-002	9.60E-004	3	1.10E+000	1.25E+000	7.7E-001
59	4/3	2.118E-002	1.43E-002	4	8.67E+000	1.15E+001	5.7E-001
59	6/5	1.634E-002	1.69E-002	3	1.31E+001	1.28E+001	1.1E+000
59	5/7	1.163E-002	1.46E-003	3	1.60E+000	1.62E+000	9.7E-001
59	1/7	1.755E+000	2.89E-002	2	2.08E-001	2.16E-001	9.3E-001
60	2/1	1.110E-002	9.95E-004	4	1.15E+000	1.26E+000	8.3E-001
60	4/3	1.956E-002	1.81E-002	3	1.18E+001	1.20E+001	9.6E-001
60	6/5	1.895E-002	1.70E-002	2	1.13E+001	1.19E+001	9.0E-001
60	5/7	1.102E-002	1.17E-003	3	1.35E+000	1.66E+000	6.6E-001
60	1/7	1.744E+000	2.51E-002	4	1.84E-001	2.19E-001	7.1E-001

Cumulated results

Mass# Cumulated count

1	4.18226E+007
2	4.58152E+005
3	6.86228E+005
4	1.52540E+004
5	5.11114E+005
6	9.15801E+003
7	1.81023E+007

Ratio#	Ratios	Err_Poisson(%)	Err_mean(%)	Khi2	SD_Block(%)
2/1	1.09546E-002	1.49E-001	1.50E-001	1.0E+000	9.34E+000
4/3	2.22288E-002	8.19E-001	1.00E+000	1.5E+000	6.27E+001
6/5	1.79177E-002	1.05E+000	1.25E+000	1.4E+000	7.80E+001
5/7	2.82348E-002	1.42E-001	1.26E+000	7.8E+001	7.84E+001
1/7	2.31035E+000	2.81E-002	4.00E-001	2.0E+002	2.50E+001

-- Section 4 ---- EM (Yield and Dead time) & FC (Relative gain) with Analysis Background

Block to block results

Block#	Ratio#	Mean	SD	N_rej	Err_mean(%)	Poisson(%)	Khi2
1	2/1	1.071E-002	8.44E-004	3	1.00E+000	1.11E+000	8.1E-001
1	4/3	2.125E-002	6.22E-003	2	3.69E+000	3.96E+000	8.7E-001
1	6/5	1.541E-002	5.29E-003	4	4.40E+000	5.56E+000	6.3E-001
1	5/7	1.101E-001	6.74E-003	3	7.77E-001	7.17E-001	1.2E+000
1	1/7	3.897E+000	7.48E-002	3	2.44E-001	2.53E-001	9.3E-001
2	2/1	1.087E-002	9.13E-004	1	1.05E+000	1.09E+000	9.3E-001
2	4/3	2.195E-002	5.95E-003	4	3.47E+000	4.04E+000	7.4E-001
2	6/5	1.676E-002	7.05E-003	1	5.26E+000	5.41E+000	9.5E-001
2	5/7	1.003E-001	5.12E-003	4	6.53E-001	7.44E-001	7.7E-001
2	1/7	3.762E+000	7.84E-002	4	2.67E-001	2.52E-001	1.1E+000
3	2/1	1.086E-002	8.09E-004	3	9.46E-001	1.10E+000	7.4E-001
3	4/3	2.018E-002	6.66E-003	2	4.16E+000	4.23E+000	9.6E-001
3	6/5	1.554E-002	7.07E-003	2	5.73E+000	5.77E+000	9.9E-001
3	5/7	9.181E-002	4.93E-003	2	6.76E-001	7.47E-001	8.2E-001
3	1/7	3.666E+000	6.18E-002	4	2.16E-001	2.48E-001	7.5E-001
4	2/1	1.082E-002	7.62E-004	3	8.95E-001	1.10E+000	6.6E-001
4	4/3	2.133E-002	7.48E-003	2	4.42E+000	4.25E+000	1.1E+000
4	6/5	1.455E-002	7.23E-003	2	6.26E+000	6.14E+000	1.0E+000
4	5/7	8.398E-002	4.34E-003	4	6.62E-001	7.78E-001	7.2E-001
4	1/7	3.560E+000	6.26E-002	3	2.23E-001	2.43E-001	8.4E-001
5	2/1	1.098E-002	7.28E-004	2	8.35E-001	1.09E+000	5.9E-001
5	4/3	2.070E-002	6.21E-003	4	3.84E+000	4.48E+000	7.4E-001
5	6/5	1.627E-002	6.73E-003	2	5.21E+000	5.97E+000	7.6E-001
5	5/7	7.810E-002	5.87E-003	1	9.40E-001	7.76E-001	1.5E+000
5	1/7	3.461E+000	5.62E-002	4	2.08E-001	2.43E-001	7.3E-001
6	2/1	1.093E-002	8.81E-004	3	1.02E+000	1.10E+000	8.6E-001
6	4/3	2.215E-002	5.68E-003	3	3.26E+000	4.40E+000	5.5E-001
6	6/5	1.694E-002	7.95E-003	1	5.86E+000	5.91E+000	9.8E-001
6	5/7	7.370E-002	4.39E-003	3	7.57E-001	8.06E-001	8.8E-001
6	1/7	3.389E+000	5.86E-002	2	2.18E-001	2.38E-001	8.4E-001
7	2/1	1.095E-002	8.92E-004	3	1.03E+000	1.11E+000	8.7E-001

7	4/3	2.252E-002	7.12E-003	1	3.95E+000	4.44E+000	7.9E-001
7	6/5	1.629E-002	6.42E-003	1	4.92E+000	6.24E+000	6.2E-001
7	5/7	7.004E-002	4.37E-003	3	7.92E-001	8.26E-001	9.2E-001
7	1/7	3.353E+000	6.56E-002	4	2.50E-001	2.43E-001	1.1E+000
8	2/1	1.072E-002	9.25E-004	2	1.09E+000	1.11E+000	9.6E-001
8	4/3	2.141E-002	7.35E-003	3	4.36E+000	4.73E+000	8.5E-001
8	6/5	1.641E-002	8.52E-003	4	6.65E+000	6.55E+000	1.0E+000
8	5/7	6.378E-002	3.48E-003	4	6.99E-001	8.53E-001	6.7E-001
8	1/7	3.233E+000	4.89E-002	3	1.92E-001	2.37E-001	6.6E-001
9	2/1	1.107E-002	7.62E-004	2	8.67E-001	1.10E+000	6.2E-001
9	4/3	1.979E-002	7.47E-003	1	4.72E+000	4.96E+000	9.1E-001
9	6/5	1.569E-002	6.71E-003	3	5.43E+000	6.76E+000	6.4E-001
9	5/7	6.017E-002	4.39E-003	1	9.11E-001	8.53E-001	1.1E+000
9	1/7	3.183E+000	6.35E-002	3	2.53E-001	2.37E-001	1.1E+000
10	2/1	1.108E-002	7.89E-004	4	9.11E-001	1.13E+000	6.6E-001
10	4/3	2.083E-002	7.06E-003	3	4.31E+000	5.01E+000	7.4E-001
10	6/5	1.709E-002	6.79E-003	4	5.08E+000	6.75E+000	5.7E-001
10	5/7	5.723E-002	3.38E-003	0	7.34E-001	8.72E-001	7.1E-001
10	1/7	3.156E+000	5.04E-002	3	2.03E-001	2.38E-001	7.2E-001
11	2/1	1.107E-002	7.18E-004	4	8.31E-001	1.13E+000	5.4E-001
11	4/3	1.910E-002	7.73E-003	0	5.02E+000	5.23E+000	9.2E-001
11	6/5	1.764E-002	8.83E-003	2	6.30E+000	6.65E+000	9.0E-001
11	5/7	5.385E-002	3.05E-003	4	7.26E-001	9.15E-001	6.3E-001
11	1/7	3.079E+000	5.04E-002	2	2.06E-001	2.34E-001	7.7E-001
12	2/1	1.097E-002	9.53E-004	1	1.09E+000	1.11E+000	9.6E-001
12	4/3	2.239E-002	7.05E-003	3	4.00E+000	5.09E+000	6.2E-001
12	6/5	1.763E-002	9.68E-003	3	6.97E+000	6.96E+000	1.0E+000
12	5/7	4.907E-002	3.86E-003	1	9.82E-001	9.28E-001	1.1E+000
12	1/7	3.016E+000	6.19E-002	2	2.58E-001	2.33E-001	1.2E+000
13	2/1	1.077E-002	7.88E-004	3	9.29E-001	1.13E+000	6.7E-001
13	4/3	2.148E-002	8.88E-003	3	5.25E+000	5.32E+000	9.7E-001
13	6/5	1.802E-002	8.49E-003	3	5.98E+000	6.95E+000	7.4E-001
13	5/7	4.683E-002	3.43E-003	3	9.31E-001	9.48E-001	9.6E-001
13	1/7	2.936E+000	5.11E-002	3	2.21E-001	2.32E-001	9.1E-001
14	2/1	1.082E-002	9.11E-004	2	1.06E+000	1.13E+000	8.8E-001
14	4/3	2.274E-002	9.33E-003	1	5.13E+000	5.25E+000	9.5E-001
14	6/5	1.690E-002	8.92E-003	3	6.70E+000	7.43E+000	8.1E-001
14	5/7	4.389E-002	3.00E-003	4	8.75E-001	9.88E-001	7.9E-001
14	1/7	2.902E+000	4.75E-002	2	2.06E-001	2.31E-001	8.0E-001
15	2/1	1.088E-002	1.06E-003	2	1.23E+000	1.13E+000	1.2E+000
15	4/3	2.108E-002	8.82E-003	3	5.31E+000	5.64E+000	8.9E-001
15	6/5	1.596E-002	8.54E-003	4	6.85E+000	7.87E+000	7.6E-001
15	5/7	4.125E-002	3.19E-003	3	9.83E-001	1.00E+000	9.6E-001
15	1/7	2.827E+000	5.25E-002	3	2.36E-001	2.32E-001	1.0E+000
16	2/1	1.097E-002	8.09E-004	5	9.52E-001	1.15E+000	6.8E-001
16	4/3	2.179E-002	8.15E-003	1	4.67E+000	5.52E+000	7.2E-001
16	6/5	1.571E-002	8.95E-003	5	7.36E+000	8.09E+000	8.3E-001
16	5/7	3.896E-002	2.63E-003	4	8.63E-001	1.02E+000	7.2E-001
16	1/7	2.736E+000	3.75E-002	5	1.77E-001	2.32E-001	5.8E-001
17	2/1	1.126E-002	8.44E-004	5	9.68E-001	1.14E+000	7.2E-001
17	4/3	2.164E-002	9.10E-003	4	5.38E+000	5.81E+000	8.6E-001
17	6/5	1.559E-002	8.74E-003	2	7.07E+000	8.07E+000	7.7E-001
17	5/7	3.704E-002	2.63E-003	1	8.87E-001	1.01E+000	7.7E-001
17	1/7	2.677E+000	4.41E-002	1	2.06E-001	2.24E-001	8.4E-001
18	2/1	1.089E-002	7.81E-004	2	9.04E-001	1.14E+000	6.3E-001

18	4/3	2.252E-002	8.88E-003	3	5.01E+000	5.83E+000	7.4E-001
18	6/5	1.895E-002	1.00E-002	2	6.68E+000	7.48E+000	8.0E-001
18	5/7	3.638E-002	2.44E-003	4	8.60E-001	1.05E+000	6.6E-001
18	1/7	2.682E+000	5.38E-002	2	2.53E-001	2.28E-001	1.2E+000
19	2/1	1.103E-002	9.63E-004	4	1.12E+000	1.16E+000	9.3E-001
19	4/3	2.196E-002	8.79E-003	2	5.04E+000	6.00E+000	7.1E-001
19	6/5	1.859E-002	1.11E-002	1	7.49E+000	7.72E+000	9.4E-001
19	5/7	3.323E-002	2.50E-003	3	9.56E-001	1.08E+000	7.9E-001
19	1/7	2.591E+000	4.96E-002	1	2.39E-001	2.24E-001	1.1E+000
20	2/1	1.077E-002	7.84E-004	4	9.32E-001	1.17E+000	6.3E-001
20	4/3	2.020E-002	1.04E-002	3	6.56E+000	6.47E+000	1.0E+000
20	6/5	1.543E-002	9.78E-003	2	7.99E+000	8.61E+000	8.6E-001
20	5/7	3.194E-002	2.79E-003	1	1.09E+000	1.07E+000	1.0E+000
20	1/7	2.534E+000	4.27E-002	2	2.13E-001	2.24E-001	9.0E-001
21	2/1	1.100E-002	9.67E-004	3	1.12E+000	1.15E+000	9.4E-001
21	4/3	2.082E-002	9.52E-003	2	5.76E+000	6.41E+000	8.1E-001
21	6/5	1.666E-002	9.96E-003	4	7.66E+000	8.55E+000	8.0E-001
21	5/7	2.992E-002	2.24E-003	2	9.43E-001	1.09E+000	7.4E-001
21	1/7	2.452E+000	4.36E-002	1	2.22E-001	2.20E-001	1.0E+000
22	2/1	1.080E-002	8.72E-004	3	1.03E+000	1.17E+000	7.7E-001
22	4/3	2.073E-002	1.12E-002	1	6.77E+000	6.49E+000	1.1E+000
22	6/5	1.506E-002	9.98E-003	4	8.49E+000	9.20E+000	8.5E-001
22	5/7	2.820E-002	2.31E-003	3	1.04E+000	1.13E+000	8.5E-001
22	1/7	2.388E+000	4.47E-002	3	2.38E-001	2.22E-001	1.1E+000
23	2/1	1.103E-002	1.05E-003	1	1.19E+000	1.14E+000	1.1E+000
23	4/3	1.933E-002	9.50E-003	2	6.19E+000	6.92E+000	8.0E-001
23	6/5	1.736E-002	9.59E-003	3	7.01E+000	8.65E+000	6.6E-001
23	5/7	2.733E-002	2.31E-003	2	1.07E+000	1.13E+000	8.9E-001
23	1/7	2.384E+000	3.92E-002	2	2.07E-001	2.20E-001	8.9E-001
24	2/1	1.098E-002	7.35E-004	3	8.50E-001	1.17E+000	5.3E-001
24	4/3	2.125E-002	1.15E-002	3	6.89E+000	6.86E+000	1.0E+000
24	6/5	1.535E-002	8.18E-003	2	6.71E+000	9.28E+000	5.2E-001
24	5/7	2.654E-002	2.34E-003	2	1.11E+000	1.16E+000	9.3E-001
24	1/7	2.373E+000	3.67E-002	3	1.96E-001	2.23E-001	7.7E-001
25	2/1	1.084E-002	1.03E-003	3	1.21E+000	1.18E+000	1.1E+000
25	4/3	2.142E-002	1.05E-002	3	6.23E+000	6.91E+000	8.1E-001
25	6/5	1.892E-002	1.22E-002	3	8.19E+000	8.59E+000	9.1E-001
25	5/7	2.539E-002	2.04E-003	3	1.02E+000	1.19E+000	7.4E-001
25	1/7	2.345E+000	4.35E-002	4	2.37E-001	2.25E-001	1.1E+000
26	2/1	1.077E-002	8.46E-004	3	9.98E-001	1.19E+000	7.1E-001
26	4/3	2.340E-002	1.16E-002	2	6.26E+000	6.77E+000	8.5E-001
26	6/5	1.475E-002	1.14E-002	3	9.83E+000	9.83E+000	1.0E+000
26	5/7	2.462E-002	1.78E-003	4	9.25E-001	1.21E+000	5.8E-001
26	1/7	2.314E+000	3.77E-002	4	2.09E-001	2.25E-001	8.6E-001
27	2/1	1.112E-002	7.77E-004	2	8.80E-001	1.17E+000	5.7E-001
27	4/3	2.220E-002	9.66E-003	3	5.53E+000	7.08E+000	6.1E-001
27	6/5	1.706E-002	1.10E-002	2	8.14E+000	9.24E+000	7.7E-001
27	5/7	2.428E-002	2.04E-003	3	1.07E+000	1.22E+000	7.6E-001
27	1/7	2.303E+000	4.09E-002	4	2.27E-001	2.26E-001	1.0E+000
28	2/1	1.066E-002	8.51E-004	3	1.01E+000	1.21E+000	7.1E-001
28	4/3	1.966E-002	9.74E-003	2	6.24E+000	7.68E+000	6.6E-001
28	6/5	1.693E-002	1.28E-002	2	9.52E+000	9.40E+000	1.0E+000
28	5/7	2.303E-002	2.01E-003	2	1.10E+000	1.23E+000	7.9E-001
28	1/7	2.268E+000	3.98E-002	3	2.23E-001	2.24E-001	9.9E-001
29	2/1	1.107E-002	9.22E-004	4	1.07E+000	1.19E+000	8.0E-001

29	4/3	2.133E-002	1.27E-002	1	7.44E+000	7.39E+000	1.0E+000
29	6/5	1.648E-002	1.05E-002	2	8.05E+000	9.66E+000	7.0E-001
29	5/7	2.228E-002	1.87E-003	3	1.07E+000	1.25E+000	7.3E-001
29	1/7	2.223E+000	3.95E-002	4	2.28E-001	2.23E-001	1.0E+000
30	2/1	1.081E-002	9.67E-004	4	1.14E+000	1.20E+000	9.1E-001
30	4/3	2.265E-002	1.17E-002	3	6.57E+000	7.45E+000	7.8E-001
30	6/5	1.518E-002	9.71E-003	4	8.19E+000	1.03E+001	6.3E-001
30	5/7	2.149E-002	2.35E-003	2	1.38E+000	1.26E+000	1.2E+000
30	1/7	2.222E+000	5.25E-002	1	2.95E-001	2.18E-001	1.8E+000
31	2/1	1.098E-002	7.75E-004	4	9.05E-001	1.19E+000	5.8E-001
31	4/3	2.456E-002	1.43E-002	3	7.39E+000	7.34E+000	1.0E+000
31	6/5	1.694E-002	1.26E-002	2	9.38E+000	9.79E+000	9.2E-001
31	5/7	2.096E-002	1.79E-003	3	1.08E+000	1.27E+000	7.3E-001
31	1/7	2.175E+000	4.17E-002	4	2.46E-001	2.21E-001	1.2E+000
32	2/1	1.106E-002	7.88E-004	4	9.12E-001	1.19E+000	5.9E-001
32	4/3	2.124E-002	1.45E-002	2	8.59E+000	8.04E+000	1.1E+000
32	6/5	1.662E-002	1.32E-002	2	1.00E+001	1.01E+001	9.8E-001
32	5/7	1.912E-002	1.85E-003	4	1.24E+000	1.33E+000	8.7E-001
32	1/7	2.145E+000	3.54E-002	3	2.09E-001	2.18E-001	9.2E-001
33	2/1	1.088E-002	9.76E-004	1	1.12E+000	1.17E+000	9.1E-001
33	4/3	2.300E-002	1.26E-002	2	6.93E+000	7.73E+000	8.0E-001
33	6/5	1.626E-002	1.23E-002	2	9.52E+000	1.04E+001	8.4E-001
33	5/7	1.873E-002	1.84E-003	2	1.24E+000	1.32E+000	8.9E-001
33	1/7	2.113E+000	3.08E-002	3	1.85E-001	2.18E-001	7.2E-001
34	2/1	1.110E-002	9.12E-004	3	1.04E+000	1.18E+000	7.9E-001
34	4/3	2.378E-002	1.31E-002	2	6.94E+000	7.78E+000	7.9E-001
34	6/5	1.445E-002	1.12E-002	2	9.73E+000	1.09E+001	7.9E-001
34	5/7	1.794E-002	1.76E-003	2	1.24E+000	1.32E+000	8.8E-001
34	1/7	2.064E+000	4.15E-002	2	2.53E-001	2.14E-001	1.4E+000
35	2/1	1.082E-002	9.43E-004	3	1.11E+000	1.19E+000	8.7E-001
35	4/3	2.353E-002	9.85E-003	3	5.32E+000	7.95E+000	4.5E-001
35	6/5	1.667E-002	1.20E-002	3	9.16E+000	1.02E+001	8.0E-001
35	5/7	1.774E-002	2.02E-003	1	1.42E+000	1.31E+000	1.2E+000
35	1/7	2.039E+000	3.31E-002	3	2.06E-001	2.14E-001	9.2E-001
36	2/1	1.108E-002	9.41E-004	3	1.08E+000	1.18E+000	8.4E-001
36	4/3	2.141E-002	1.14E-002	2	6.73E+000	8.34E+000	6.5E-001
36	6/5	1.921E-002	1.19E-002	3	7.87E+000	9.80E+000	6.4E-001
36	5/7	1.684E-002	1.70E-003	2	1.27E+000	1.34E+000	9.0E-001
36	1/7	1.993E+000	3.49E-002	2	2.21E-001	2.12E-001	1.1E+000
37	2/1	1.098E-002	8.32E-004	4	9.70E-001	1.20E+000	6.5E-001
37	4/3	2.442E-002	1.39E-002	1	7.11E+000	7.95E+000	8.0E-001
37	6/5	1.774E-002	1.22E-002	3	8.70E+000	1.03E+001	7.1E-001
37	5/7	1.625E-002	1.54E-003	2	1.19E+000	1.36E+000	7.7E-001
37	1/7	1.957E+000	2.69E-002	6	1.79E-001	2.19E-001	6.7E-001
38	2/1	1.089E-002	9.79E-004	4	1.15E+000	1.21E+000	9.1E-001
38	4/3	2.027E-002	1.27E-002	4	8.01E+000	9.00E+000	7.9E-001
38	6/5	1.849E-002	1.55E-002	1	1.05E+001	1.01E+001	1.1E+000
38	5/7	1.608E-002	1.24E-003	4	9.91E-001	1.41E+000	5.0E-001
38	1/7	2.001E+000	3.27E-002	4	2.10E-001	2.17E-001	9.3E-001
39	2/1	1.097E-002	9.82E-004	2	1.13E+000	1.19E+000	9.0E-001
39	4/3	2.644E-002	1.63E-002	2	7.78E+000	7.94E+000	9.6E-001
39	6/5	2.168E-002	1.56E-002	2	9.07E+000	9.68E+000	8.8E-001
39	5/7	1.524E-002	1.58E-003	3	1.32E+000	1.44E+000	8.4E-001
39	1/7	1.980E+000	3.11E-002	1	1.96E-001	2.13E-001	8.5E-001
40	2/1	1.111E-002	9.44E-004	1	1.06E+000	1.19E+000	8.0E-001

40	4/3	2.077E-002	1.22E-002	1	7.35E+000	8.86E+000	6.9E-001
40	6/5	1.537E-002	1.39E-002	3	1.15E+001	1.16E+001	9.7E-001
40	5/7	1.589E-002	1.67E-003	2	1.32E+000	1.42E+000	8.7E-001
40	1/7	2.012E+000	3.24E-002	3	2.04E-001	2.20E-001	8.6E-001
41	2/1	1.087E-002	9.74E-004	4	1.15E+000	1.24E+000	8.6E-001
41	4/3	2.067E-002	1.50E-002	2	9.11E+000	9.22E+000	9.8E-001
41	6/5	1.685E-002	1.33E-002	4	1.01E+001	1.11E+001	8.3E-001
41	5/7	1.592E-002	1.78E-003	2	1.41E+000	1.43E+000	9.7E-001
41	1/7	2.002E+000	3.18E-002	1	1.99E-001	2.18E-001	8.3E-001
42	2/1	1.094E-002	8.28E-004	3	9.62E-001	1.22E+000	6.2E-001
42	4/3	2.119E-002	1.49E-002	1	8.80E+000	9.22E+000	9.1E-001
42	6/5	2.035E-002	1.56E-002	2	9.65E+000	1.02E+001	9.0E-001
42	5/7	1.507E-002	1.28E-003	4	1.09E+000	1.47E+000	5.5E-001
42	1/7	1.947E+000	2.98E-002	1	1.91E-001	2.15E-001	7.9E-001
43	2/1	1.109E-002	8.68E-004	2	9.85E-001	1.20E+000	6.7E-001
43	4/3	2.228E-002	1.38E-002	3	7.87E+000	9.23E+000	7.3E-001
43	6/5	2.254E-002	1.78E-002	1	9.90E+000	9.73E+000	1.0E+000
43	5/7	1.441E-002	1.32E-003	5	1.18E+000	1.51E+000	6.1E-001
43	1/7	1.934E+000	2.68E-002	5	1.79E-001	2.21E-001	6.5E-001
44	2/1	1.111E-002	8.77E-004	3	1.00E+000	1.22E+000	6.8E-001
44	4/3	2.087E-002	1.56E-002	1	9.32E+000	9.63E+000	9.4E-001
44	6/5	1.813E-002	1.41E-002	2	9.77E+000	1.11E+001	7.7E-001
44	5/7	1.470E-002	1.68E-003	3	1.45E+000	1.47E+000	9.7E-001
44	1/7	1.936E+000	2.90E-002	3	1.90E-001	2.18E-001	7.6E-001
45	2/1	1.102E-002	8.62E-004	3	9.93E-001	1.22E+000	6.6E-001
45	4/3	2.121E-002	1.55E-002	2	9.20E+000	9.72E+000	8.9E-001
45	6/5	1.518E-002	1.29E-002	4	1.09E+001	1.23E+001	7.8E-001
45	5/7	1.419E-002	1.15E-003	5	1.04E+000	1.52E+000	4.7E-001
45	1/7	1.920E+000	3.33E-002	2	2.18E-001	2.17E-001	1.0E+000
46	2/1	1.095E-002	8.85E-004	4	1.03E+000	1.25E+000	6.9E-001
46	4/3	1.898E-002	1.75E-002	4	1.18E+001	1.07E+001	1.2E+000
46	6/5	1.960E-002	1.41E-002	2	9.07E+000	1.09E+001	6.9E-001
46	5/7	1.373E-002	1.49E-003	2	1.37E+000	1.51E+000	8.2E-001
46	1/7	1.897E+000	2.83E-002	4	1.91E-001	2.21E-001	7.5E-001
47	2/1	1.080E-002	9.44E-004	4	1.12E+000	1.26E+000	7.9E-001
47	4/3	1.961E-002	1.49E-002	3	9.66E+000	1.06E+001	8.3E-001
47	6/5	1.689E-002	1.41E-002	3	1.06E+001	1.21E+001	7.8E-001
47	5/7	1.329E-002	1.26E-003	2	1.19E+000	1.54E+000	6.0E-001
47	1/7	1.899E+000	2.77E-002	3	1.85E-001	2.19E-001	7.1E-001
48	2/1	1.111E-002	9.54E-004	1	1.07E+000	1.21E+000	7.9E-001
48	4/3	2.293E-002	1.53E-002	1	8.35E+000	9.56E+000	7.6E-001
48	6/5	1.635E-002	1.27E-002	2	9.82E+000	1.20E+001	6.6E-001
48	5/7	1.322E-002	1.36E-003	4	1.32E+000	1.56E+000	7.1E-001
48	1/7	1.887E+000	3.10E-002	2	2.07E-001	2.17E-001	9.1E-001
49	2/1	1.103E-002	1.20E-003	2	1.37E+000	1.23E+000	1.2E+000
49	4/3	1.985E-002	1.61E-002	4	1.04E+001	1.05E+001	9.7E-001
49	6/5	1.681E-002	1.51E-002	4	1.15E+001	1.21E+001	9.1E-001
49	5/7	1.351E-002	1.55E-003	2	1.44E+000	1.53E+000	8.9E-001
49	1/7	1.891E+000	3.59E-002	1	2.37E-001	2.17E-001	1.2E+000
50	2/1	1.120E-002	9.99E-004	2	1.12E+000	1.22E+000	8.5E-001
50	4/3	1.916E-002	1.59E-002	2	1.05E+001	1.08E+001	9.5E-001
50	6/5	1.327E-002	1.17E-002	3	1.12E+001	1.35E+001	6.9E-001
50	5/7	1.305E-002	1.36E-003	2	1.32E+000	1.55E+000	7.2E-001
50	1/7	1.867E+000	3.63E-002	3	2.47E-001	2.20E-001	1.3E+000
51	2/1	1.089E-002	1.01E-003	3	1.17E+000	1.25E+000	8.9E-001

51	4/3	2.103E-002	1.53E-002	4	9.33E+000	1.06E+001	7.7E-001
51	6/5	1.934E-002	1.52E-002	4	1.01E+001	1.15E+001	7.7E-001
51	5/7	1.250E-002	1.32E-003	2	1.33E+000	1.56E+000	7.2E-001
51	1/7	1.833E+000	2.72E-002	3	1.88E-001	2.18E-001	7.5E-001
52	2/1	1.091E-002	9.25E-004	4	1.09E+000	1.26E+000	7.4E-001
52	4/3	2.319E-002	1.59E-002	2	8.66E+000	1.01E+001	7.4E-001
52	6/5	1.964E-002	1.60E-002	5	1.05E+001	1.17E+001	8.0E-001
52	5/7	1.220E-002	1.52E-003	3	1.58E+000	1.60E+000	9.7E-001
52	1/7	1.832E+000	3.44E-002	1	2.35E-001	2.15E-001	1.2E+000
53	2/1	1.098E-002	1.12E-003	2	1.28E+000	1.25E+000	1.1E+000
53	4/3	2.519E-002	1.84E-002	4	9.36E+000	1.00E+001	8.7E-001
53	6/5	1.713E-002	1.62E-002	4	1.21E+001	1.24E+001	9.5E-001
53	5/7	1.245E-002	1.57E-003	2	1.58E+000	1.59E+000	9.9E-001
53	1/7	1.839E+000	3.39E-002	2	2.32E-001	2.19E-001	1.1E+000
54	2/1	1.112E-002	1.01E-003	1	1.14E+000	1.22E+000	8.8E-001
54	4/3	2.450E-002	1.70E-002	3	8.79E+000	1.00E+001	7.7E-001
54	6/5	1.397E-002	1.12E-002	4	1.03E+001	1.37E+001	5.6E-001
54	5/7	1.177E-002	1.49E-003	3	1.61E+000	1.62E+000	9.9E-001
54	1/7	1.820E+000	3.12E-002	0	2.13E-001	2.12E-001	1.0E+000
55	2/1	1.089E-002	1.08E-003	3	1.26E+000	1.25E+000	1.0E+000
55	4/3	1.931E-002	1.44E-002	3	9.46E+000	1.15E+001	6.8E-001
55	6/5	2.387E-002	1.69E-002	3	8.98E+000	1.06E+001	7.2E-001
55	5/7	1.186E-002	1.14E-003	6	1.25E+000	1.64E+000	5.8E-001
55	1/7	1.786E+000	2.83E-002	3	2.01E-001	2.17E-001	8.6E-001
56	2/1	1.106E-002	1.00E-003	2	1.14E+000	1.23E+000	8.6E-001
56	4/3	2.549E-002	1.71E-002	2	8.45E+000	1.00E+001	7.1E-001
56	6/5	1.950E-002	1.65E-002	3	1.07E+001	1.17E+001	8.5E-001
56	5/7	1.151E-002	1.45E-003	3	1.60E+000	1.63E+000	9.6E-001
56	1/7	1.784E+000	2.67E-002	2	1.88E-001	2.15E-001	7.7E-001
57	2/1	1.092E-002	8.06E-004	3	9.37E-001	1.26E+000	5.6E-001
57	4/3	1.932E-002	1.61E-002	3	1.06E+001	1.18E+001	8.0E-001
57	6/5	1.731E-002	1.55E-002	3	1.14E+001	1.24E+001	8.4E-001
57	5/7	1.173E-002	1.27E-003	4	1.39E+000	1.64E+000	7.2E-001
57	1/7	1.788E+000	3.11E-002	3	2.21E-001	2.18E-001	1.0E+000
58	2/1	1.087E-002	9.09E-004	3	1.06E+000	1.26E+000	7.1E-001
58	4/3	2.117E-002	1.67E-002	3	1.00E+001	1.13E+001	7.8E-001
58	6/5	1.922E-002	1.90E-002	4	1.27E+001	1.22E+001	1.1E+000
58	5/7	1.096E-002	1.45E-003	4	1.70E+000	1.69E+000	1.0E+000
58	1/7	1.774E+000	3.39E-002	3	2.43E-001	2.18E-001	1.2E+000
59	2/1	1.105E-002	9.60E-004	3	1.10E+000	1.25E+000	7.7E-001
59	4/3	2.118E-002	1.43E-002	4	8.67E+000	1.15E+001	5.7E-001
59	6/5	1.634E-002	1.69E-002	3	1.31E+001	1.28E+001	1.1E+000
59	5/7	1.163E-002	1.46E-003	3	1.60E+000	1.62E+000	9.7E-001
59	1/7	1.755E+000	2.89E-002	2	2.08E-001	2.16E-001	9.3E-001
60	2/1	1.110E-002	9.95E-004	4	1.15E+000	1.26E+000	8.3E-001
60	4/3	1.956E-002	1.81E-002	3	1.18E+001	1.20E+001	9.6E-001
60	6/5	1.895E-002	1.70E-002	2	1.13E+001	1.19E+001	9.0E-001
60	5/7	1.102E-002	1.17E-003	3	1.35E+000	1.66E+000	6.6E-001
60	1/7	1.744E+000	2.51E-002	4	1.84E-001	2.19E-001	7.1E-001

Cumulated results

Mass# Cumulated count

1	4.18226E+007
2	4.58152E+005

3 6.86228E+005
 4 1.52540E+004
 5 5.11114E+005
 6 9.15801E+003
 7 1.81023E+007

Ratio#	Ratios	Err_Poisson(%)	Err_mean(%)	Khi2	SD_Block(%)
2/1	1.09546E-002	1.49E-001	1.50E-001	1.0E+000	9.34E+000
4/3	2.22288E-002	8.19E-001	1.00E+000	1.5E+000	6.27E+001
6/5	1.79177E-002	1.05E+000	1.25E+000	1.4E+000	7.80E+001
5/7	2.82348E-002	1.42E-001	1.26E+000	7.8E+001	7.84E+001
1/7	2.31035E+000	2.81E-002	4.00E-001	2.0E+002	2.50E+001