MONS & Ballerina in GPS orbit. 2 Years Mission. Solar Max. Conditions. RAAN = 17 deg

RAAN = 17 deg represents the worst case in terms of radiation level FH 1999.07.09
4*PI Dose at centre of Al spheres
Dose in rad(Si). Absorber thickness in mm.

Aluminium Absorber Thickness	Total	Electrons	Bremsstrahlung	Trapped Protons	Solar Flare Protons
0,05	1,04E+08	1,04E+08	1,14E+05	1,00E-03	1,61E+05
0,10	6,54E+07	6,52E+07	8,16E+04	1,00E-03	8,23E+04
0,20	3,83E+07	3,82E+07	5,45E+04	1,00E-03	4,15E+04
0,30	2,63E+07	2,62E+07	4,16E+04	1,00E-03	2,84E+04
0,40	1,95E+07	1,94E+07	3,27E+04	1,00E-03	2,14E+04
0,50	1,51E+07	1,51E+07	2,73E+04	1,00E-03	1,69E+04
0,60	1,21E+07	1,21E+07	2,40E+04	1,00E-03	1,39E+04
0,80	8,39E+06	8,36E+06	1,93E+04	1,00E-03	1,02E+04
1,00	6,20E+06	6,18E+06	1,63E+04	1,00E-03	8,27E+03
1,50	3,40E+06	3,38E+06	1,14E+04	1,00E-03	5,77E+03
2,00	2,01E+06	1,99E+06	8,48E+03	1,00E-03	4,36E+03
2,50	1,21E+06	1,20E+06	6,64E+03	1,00E-03	3,47E+03
3,00	7,34E+05	7,25E+05	5,52E+03	1,00E-03	2,84E+03
4,00	2,80E+05	2,73E+05	4,16E+03	1,00E-03	2,03E+03
5,00	1,08E+05	1,03E+05	3,29E+03	1,00E-03	1,57E+03
6,00	4,11E+04	3,71E+04	2,76E+03	1,00E-03	1,30E+03
7,00	1,60E+04	1,25E+04	2,38E+03	1,00E-03	1,11E+03
8,00	6,88E+03	3,80E+03	2,10E+03	1,00E-03	9,78E+02
9,00	3,81E+03	1,03E+03	1,90E+03	1,00E-03	8,76E+02
10,00	2,77E+03	2,33E+02	1,75E+03	1,00E-03	7,85E+02
12,00	2,19E+03	6,56E+00	1,53E+03	1,00E-03	6,53E+02
14,00	1,93E+03	4,05E-02	1,38E+03	1,00E-03	5,50E+02
16,00	1,75E+03	2,71E-04	1,27E+03	1,00E-03	4,74E+02
18,00	1,60E+03	1,00E-05	1,18E+03	1,00E-03	4,17E+02
20,00	1,46E+03	1,00E-05	1,09E+03	1,00E-03	3,63E+02