

Sredica 244

Lastnosti obsevalnih kanalov

Meritve:

1 MeV fluksi:

F19	1.62 10 ¹²
CK	6.74 10 ¹²
TOK1	3.81 10 ¹²
Kanal 6	4.83 10 ¹¹
F4	1.5 10 ¹²
TOK 2	3.5 10 ¹²

Gama faktorji

TOK 1	13550 Gy/Wh
TOK2	12590 Gy/Wh

Izračuni:

Kanal	termični	epitermični	hitri	skupaj	1 MeV
IC20 (J)	1.64E+12	2.76E+10	3.33E+11	2.00E+12	2.91E+11
IC30 (V)	1.77E+12	2.50E+10	2.98E+11	2.09E+12	2.60E+11
IC40 (S)	1.77E+12	2.93E+10	3.48E+11	2.15E+12	3.03E+11
IC10 (Z)	1.63E+12	2.69E+10	3.20E+11	1.97E+12	2.78E+11
F24	4.75E+12	1.18E+11	2.08E+12	6.95E+12	1.94E+12
F22	4.94E+12	1.00E+11	1.73E+12	6.77E+12	1.62E+12
F19	5.33E+12	1.01E+11	1.75E+12	7.18E+12	1.64E+12
F4	4.32E+12	8.71E+10	1.56E+12	5.97E+12	1.47E+12
CKsp	1.03E+13	3.61E+11	6.90E+12	1.75E+13	6.49E+12
CKzg	9.94E+12	3.49E+11	6.70E+12	1.70E+13	6.32E+12
TOK1	6.45E+12	2.00E+11	3.80E+12	1.04E+13	3.58E+12
TOK2	6.31E+12	1.95E+11	3.71E+12	1.02E+13	3.50E+12
Kanal 6 center	1.91E+12	3.87E+10	4.92E+11	2.44E+12	4.36E+11
Kanal 6 desno	1.79E+12	3.95E+10	4.83E+11	2.31E+12	4.25E+11
Kanal 6 levo	1.78E+12	3.15E+10	3.86E+11	2.20E+12	3.41E+11

*statistična napaka izračuna je manjša od 1 %