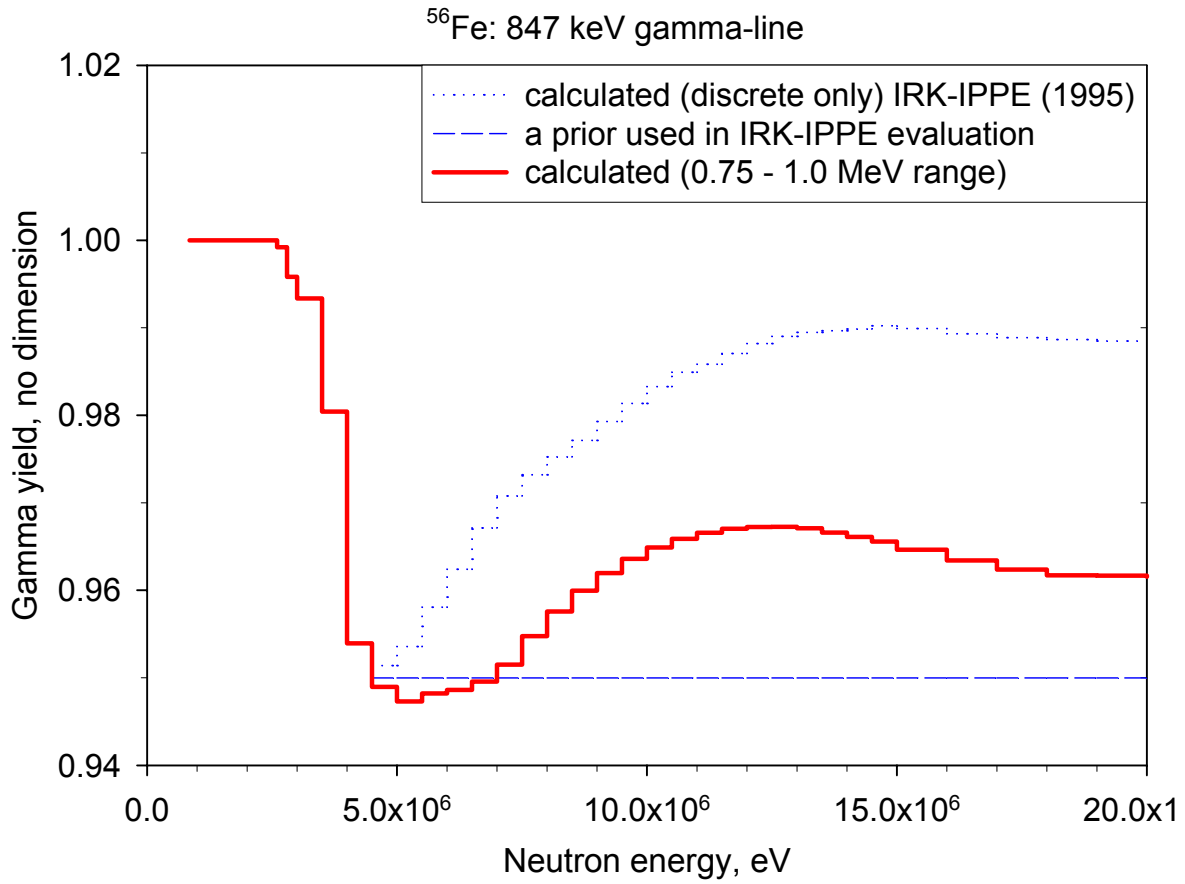
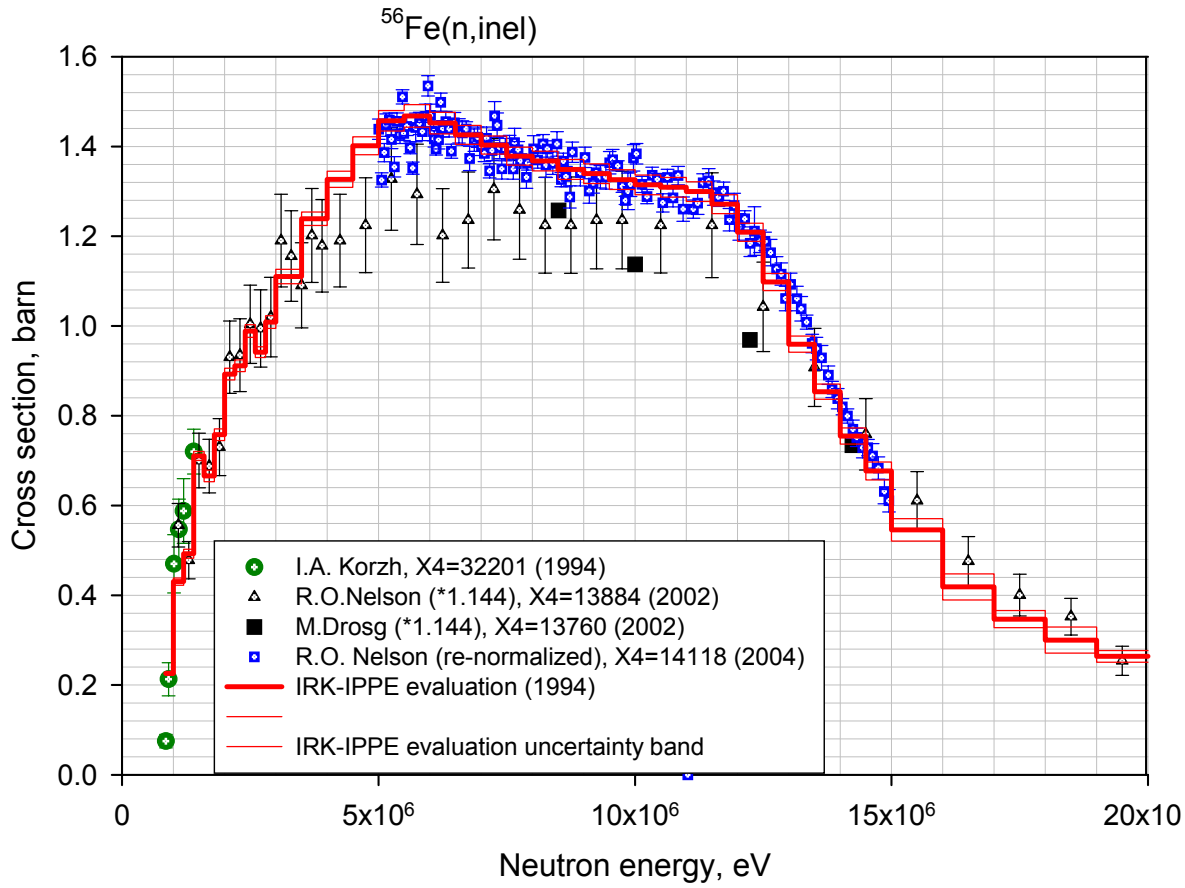

56Fe: 847 keV gamma-line
calculated (discrete only) IRK-IPPE (1995)
a prior used in IRK-IPPE evaluation
calculated (0.75 - 1.0 MeV range)
Gamma yield, no dimension
1.02
1.00
0.98
0.96
0.94
0.0
5.0x10^6
10.0x10^6
15.0x10^6
20.0x1
Neutron energy, eV


56Fe(n,inel)
Cross section, barn
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
I.A. Korzh, X4=32201 (1994)
R.O.Nelson (*1.144), X4=13884 (2002)
M.Drosg (*1.144), X4=13760 (2002)
R.O. Nelson (re-normalized), X4=14118 (2004)
IRK-IPPE evaluation (1994)
IRK-IPPE evaluation uncertainty band
0
5x10^6
10x10^6
15x10^6
20x10
Neutron energy, eV