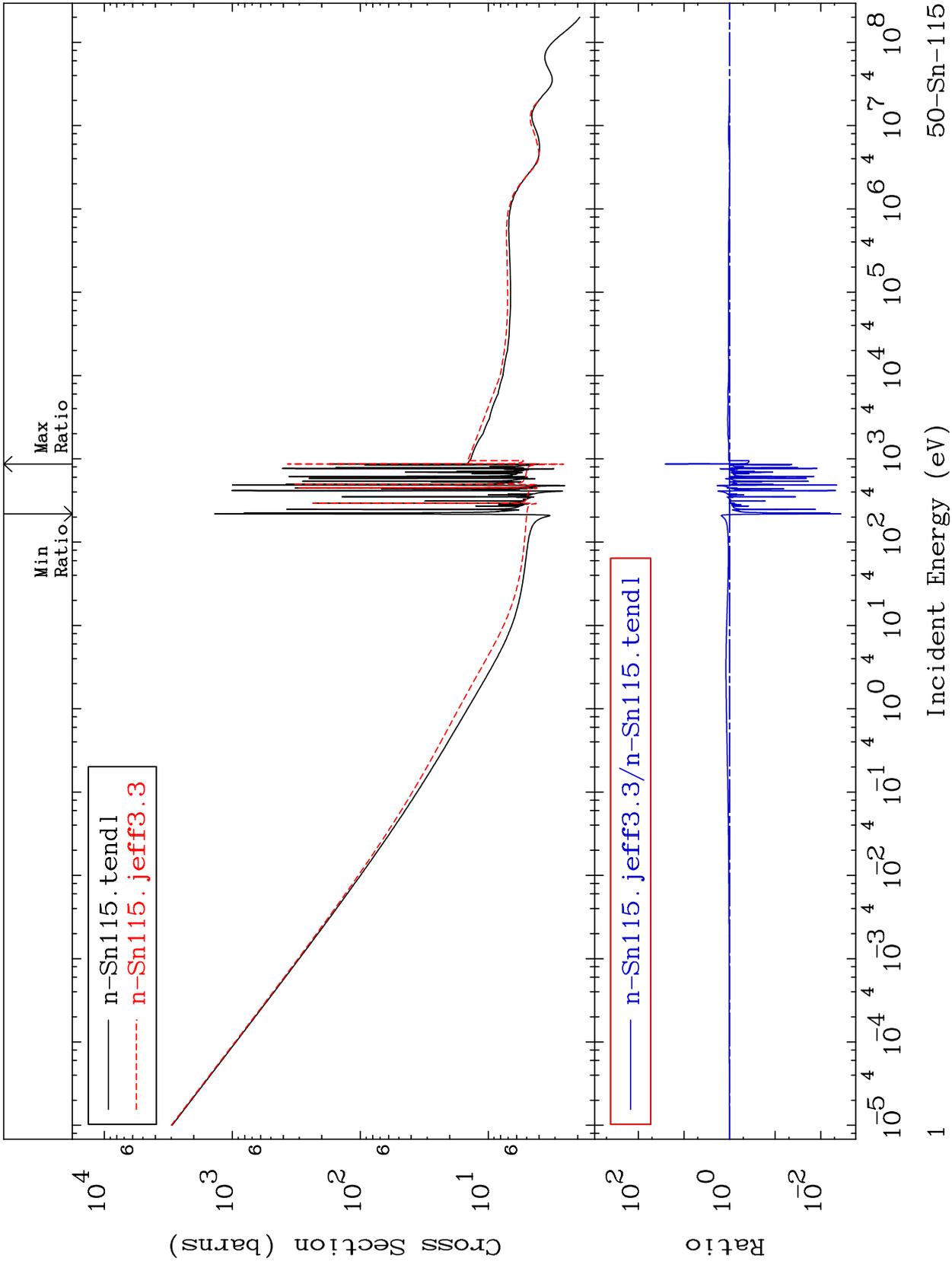


MAT 5034

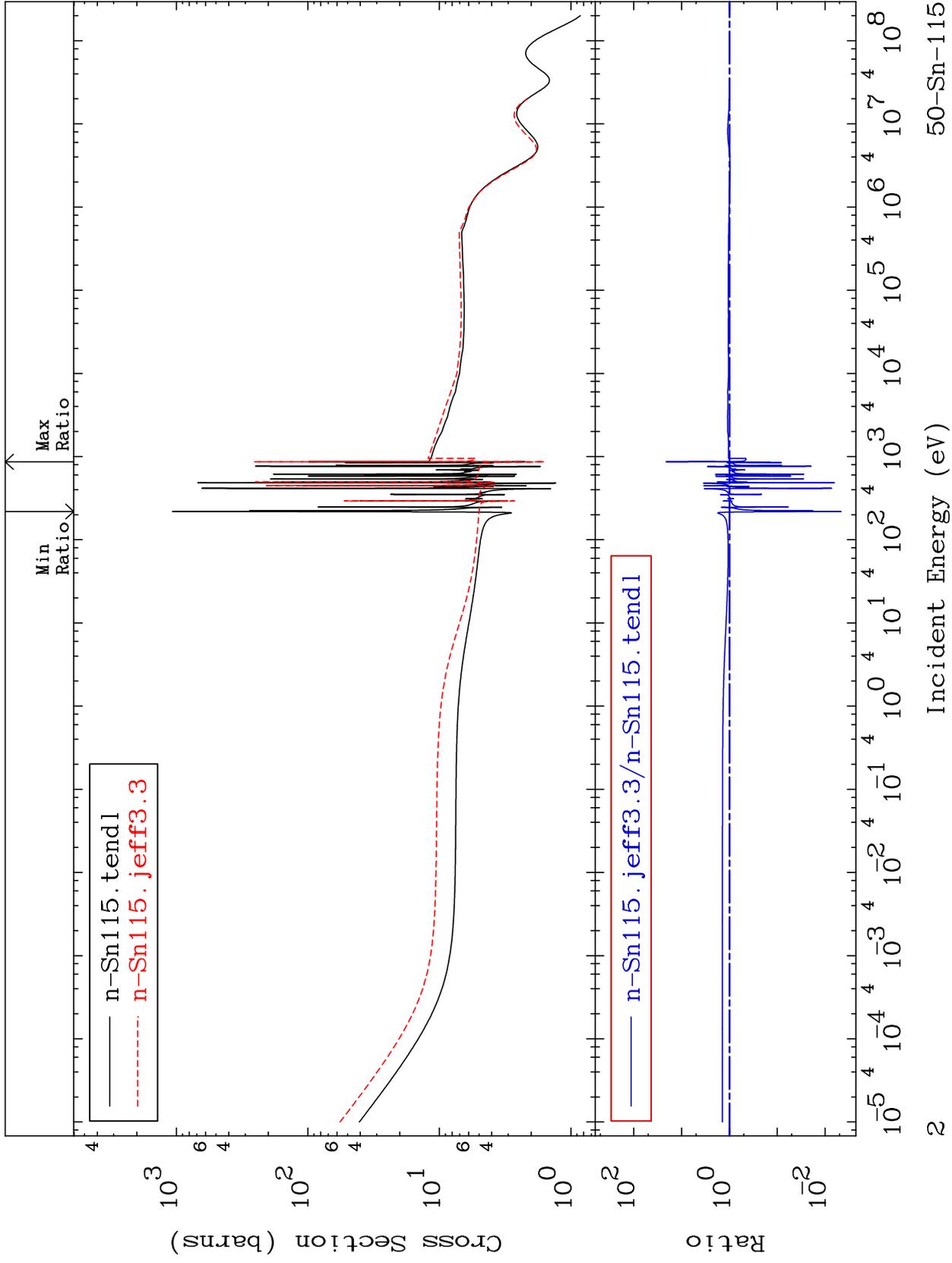
Total Cross Section  
50-Sn-115  
-99.64 To 2437. %



MAT 5034

Elastic  
Cross Section

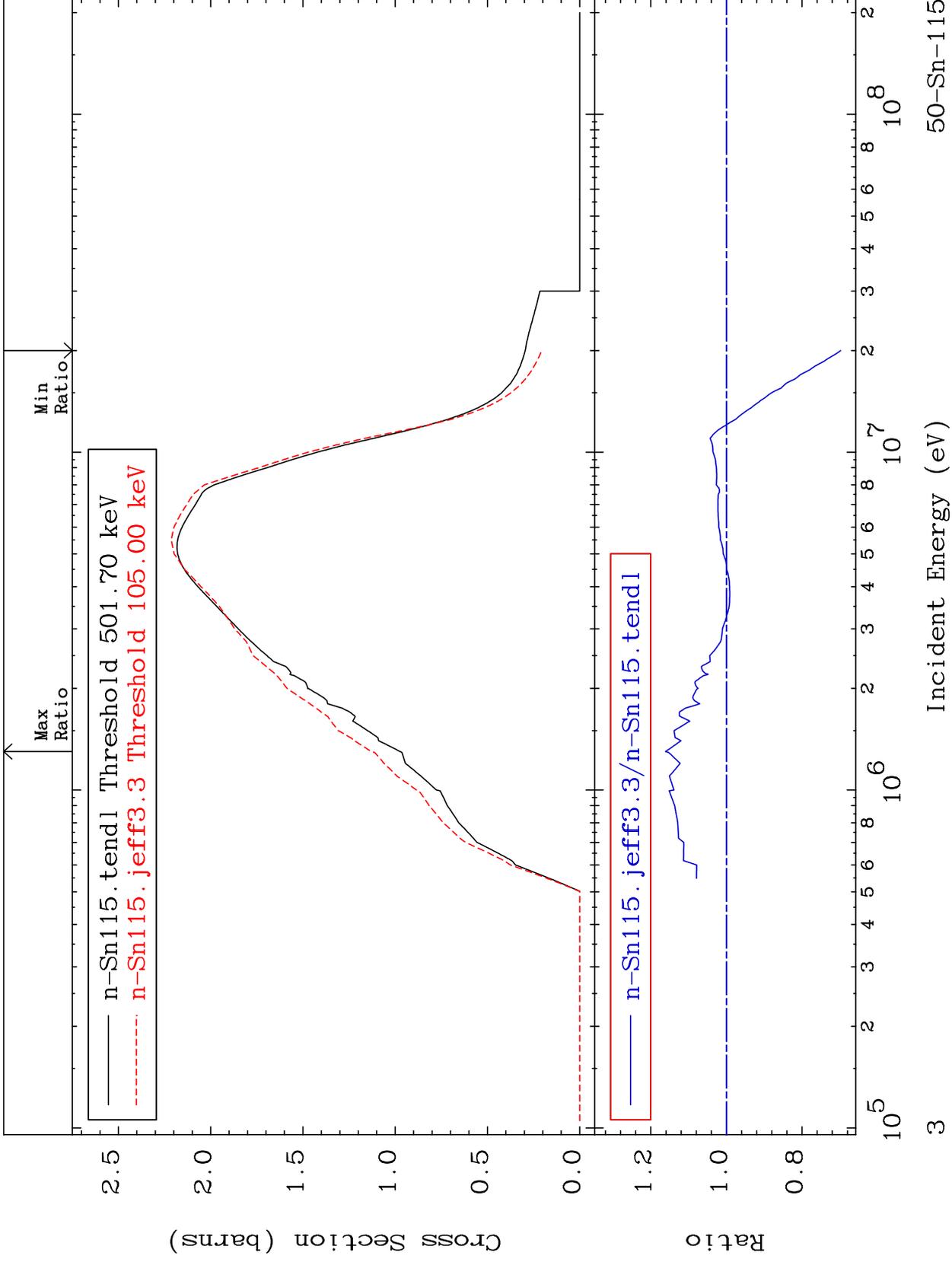
50-Sn-115  
-99.53 To 2023. %



MAT 5034

Inelastic  
Cross Section

50-Sn-115  
-30.24 To 16.12 %



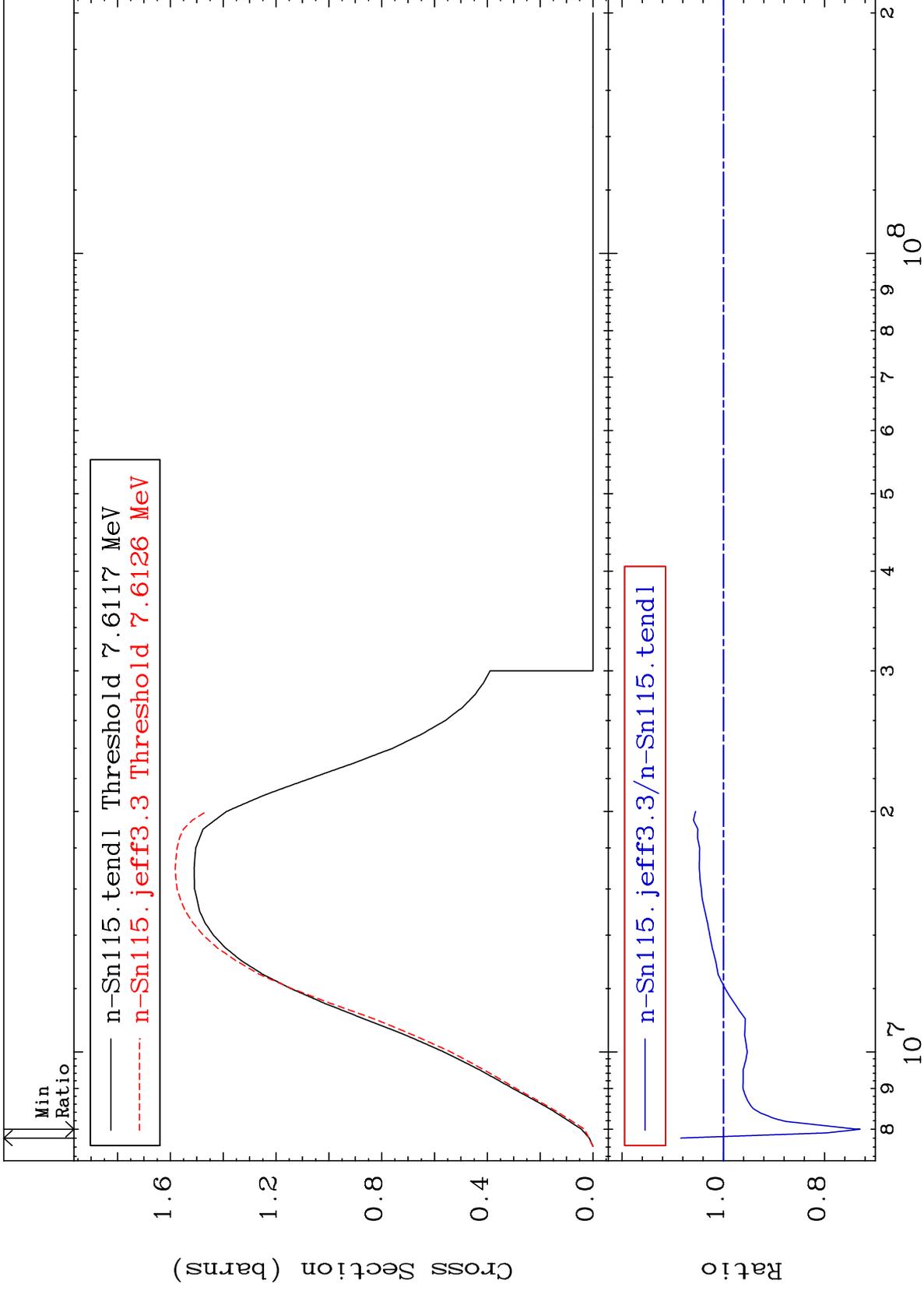
MAT 5034

(n,2n)

50-Sn-115

Cross Section

-27.00 To 8.415 %



4

Incident Energy (eV)

50-Sn-115

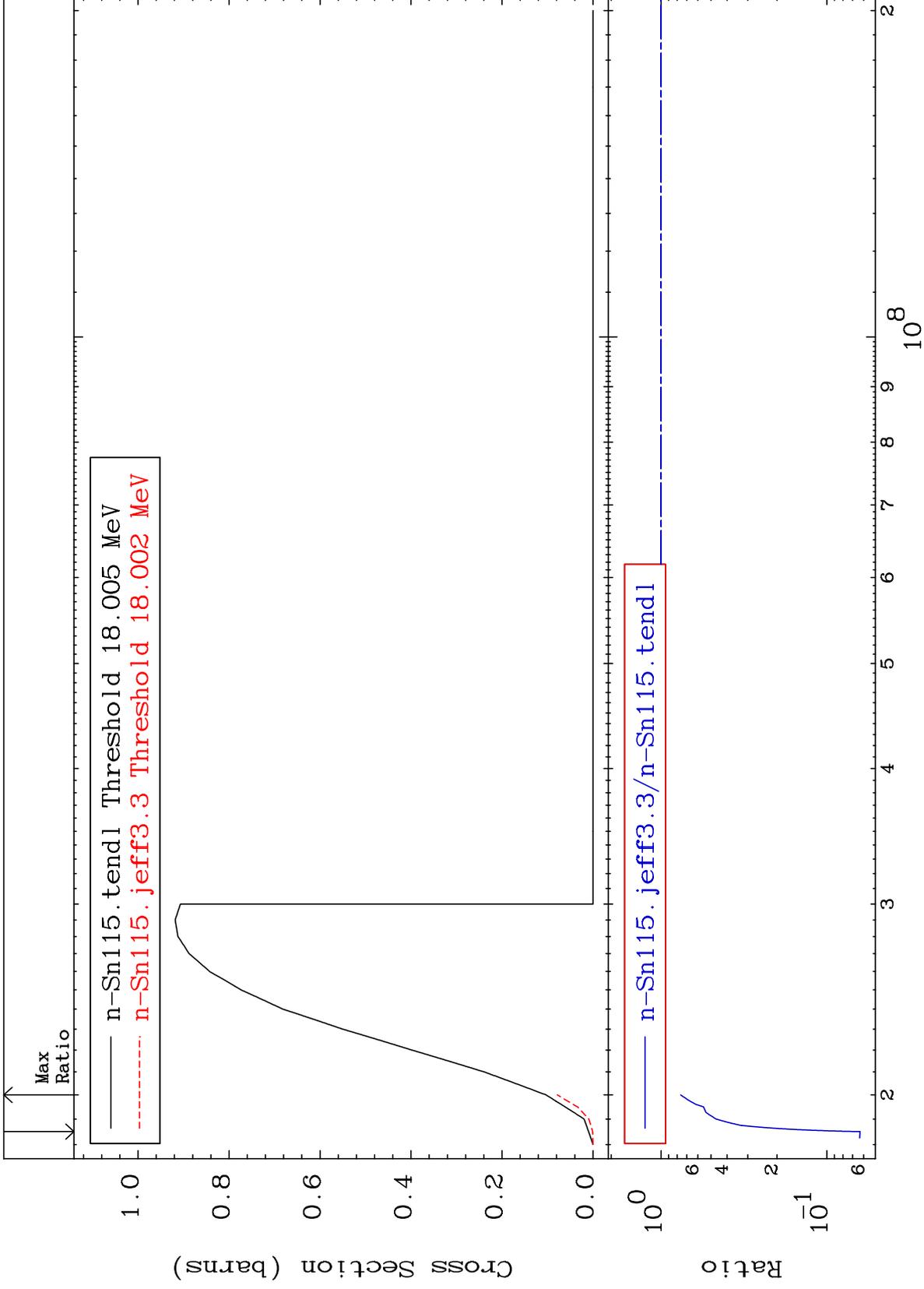
MAT 5034

(n,3n)

50-Sn-115

Cross Section

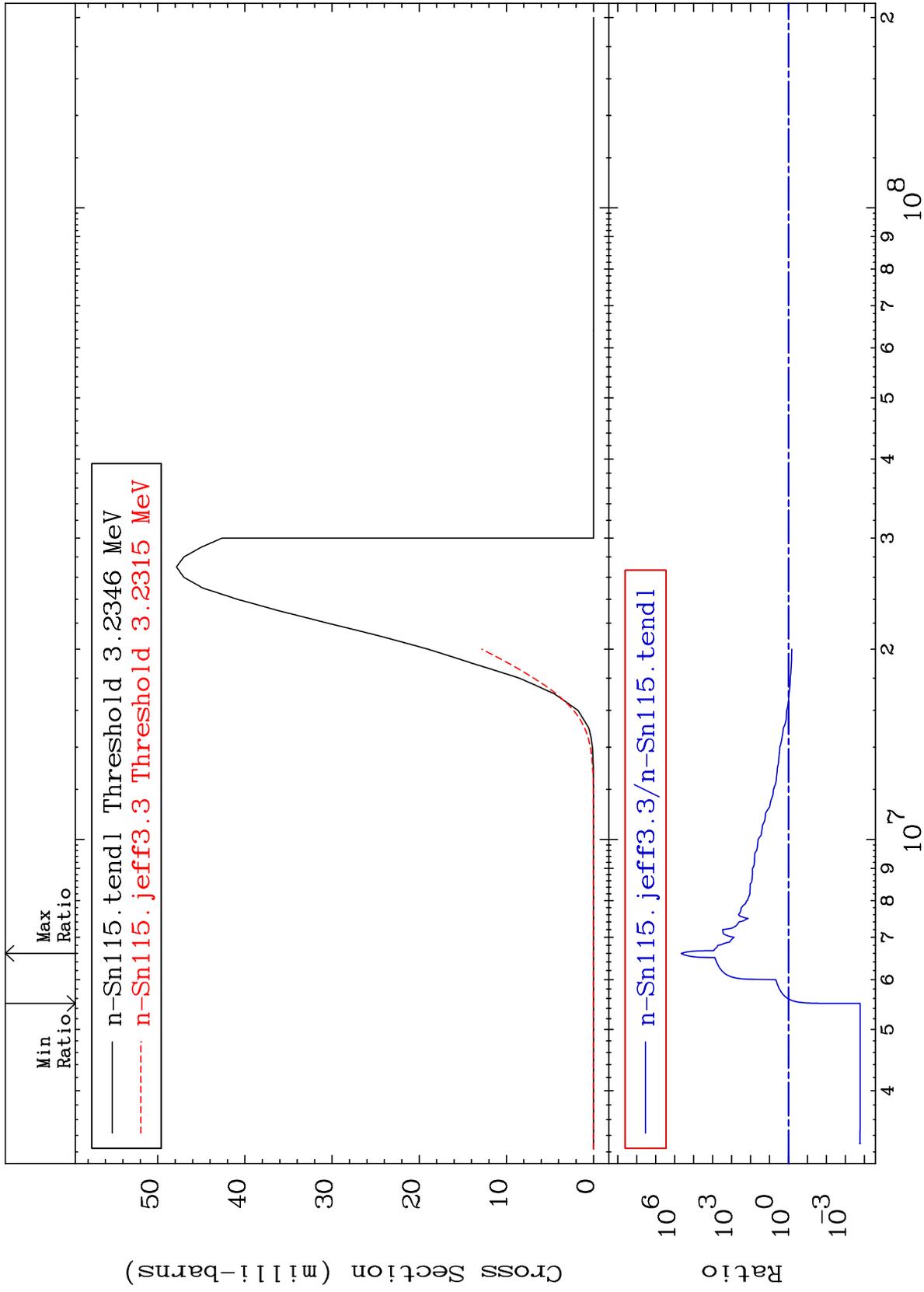
-93.69 To -23.93%



MAT 5034

(n, n')  $\alpha$   
Cross Section

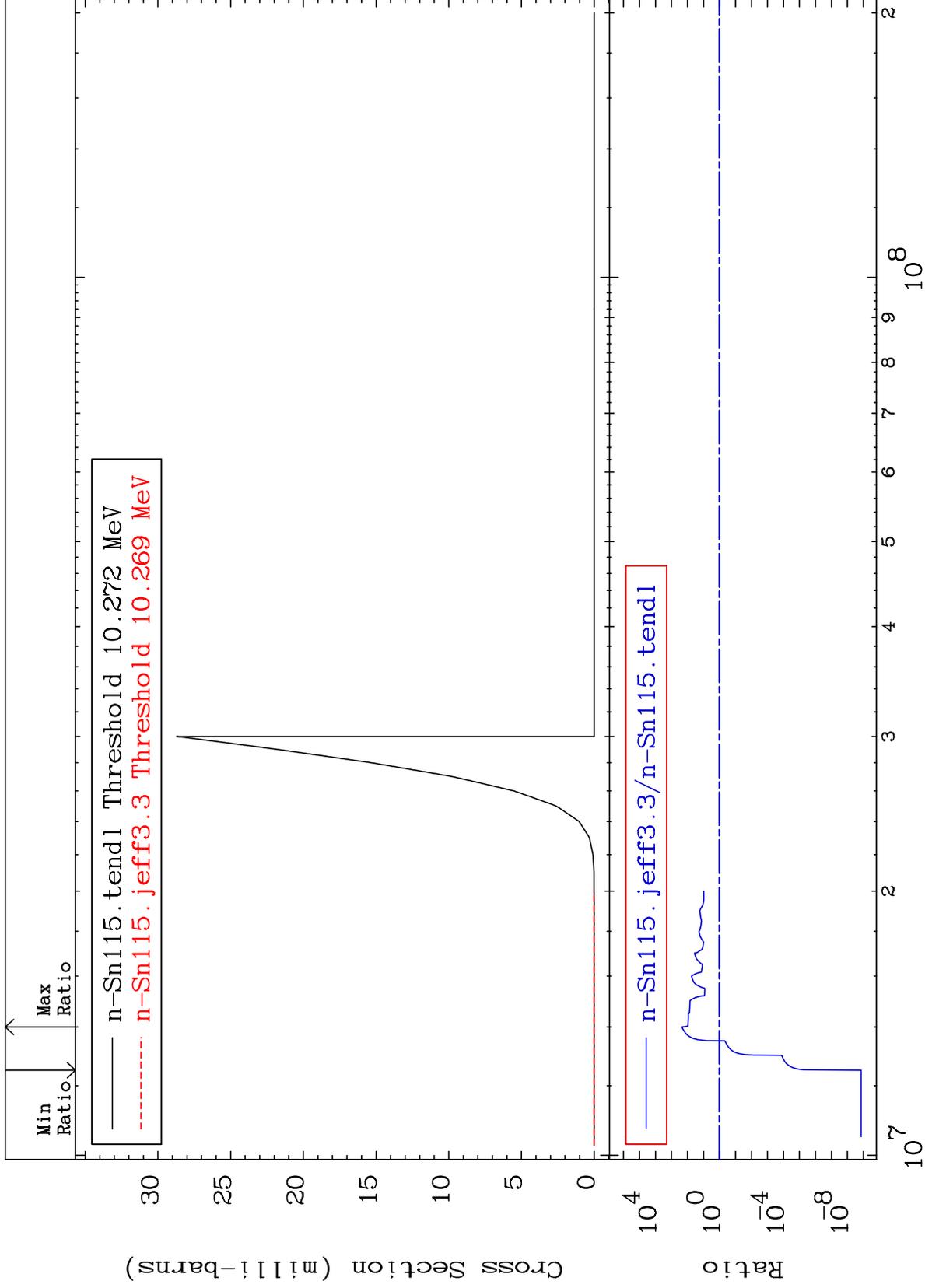
50-Sn-115  
-99.98 To 9999. %



MAT 5034

(n,2n)  $\alpha$   
Cross Section

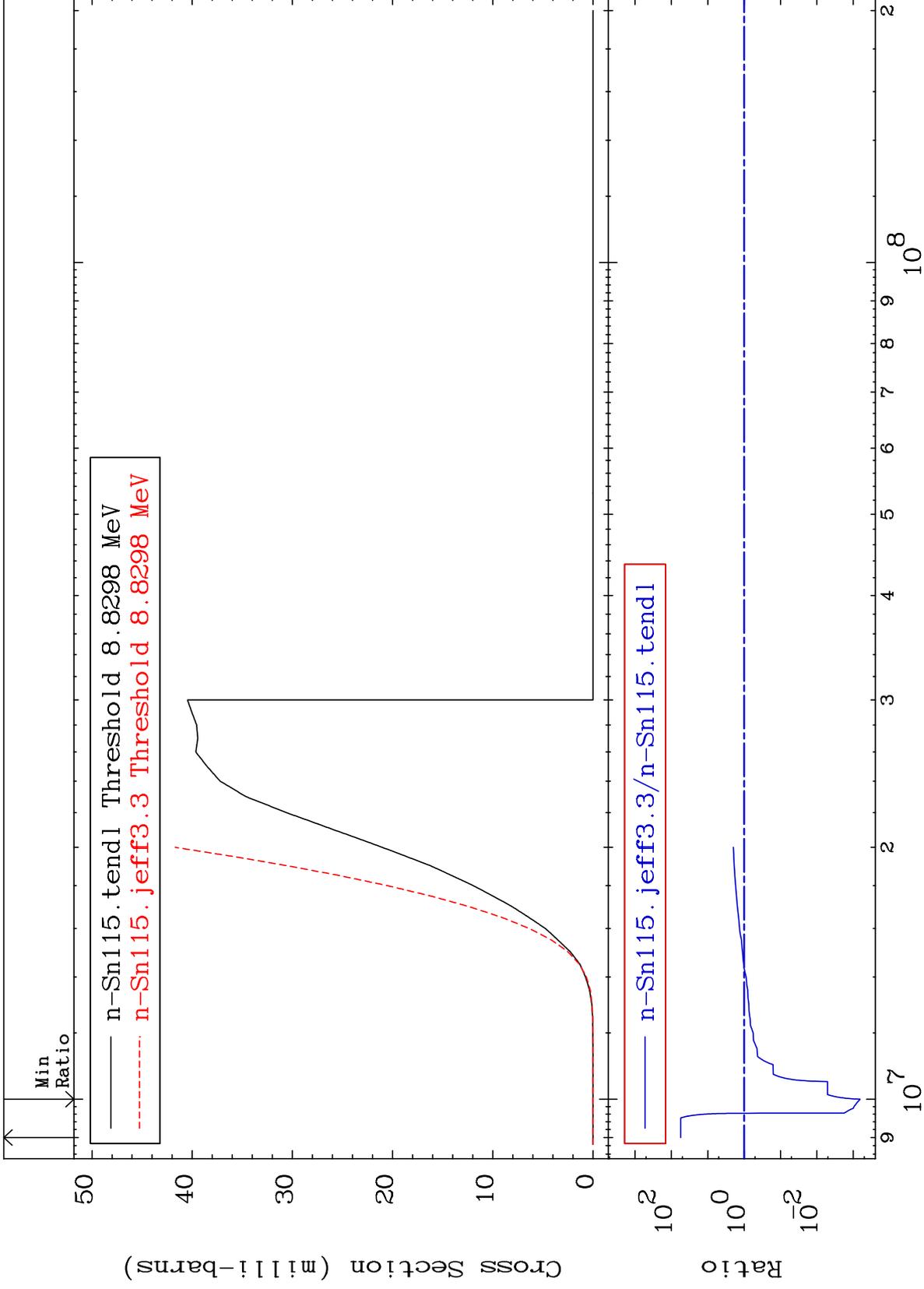
50-Sn-115  
-100.0 To 9999. %



MAT 5034

(n,n') p  
Cross Section

50-Sn-115  
-99.94 To 5423. %



8

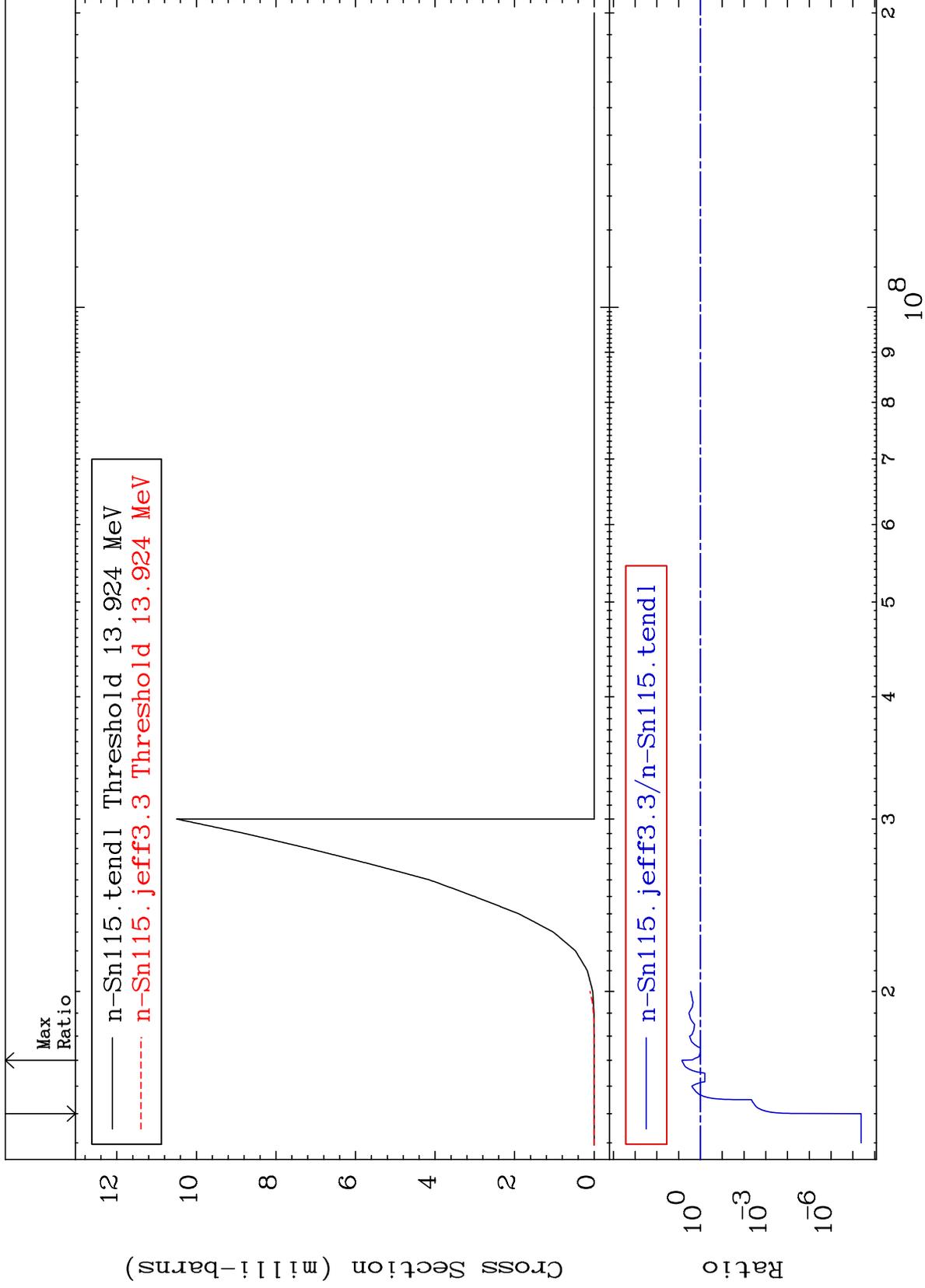
Incident Energy (eV)

50-Sn-115

MAT 5034

(n,n') d  
Cross Section

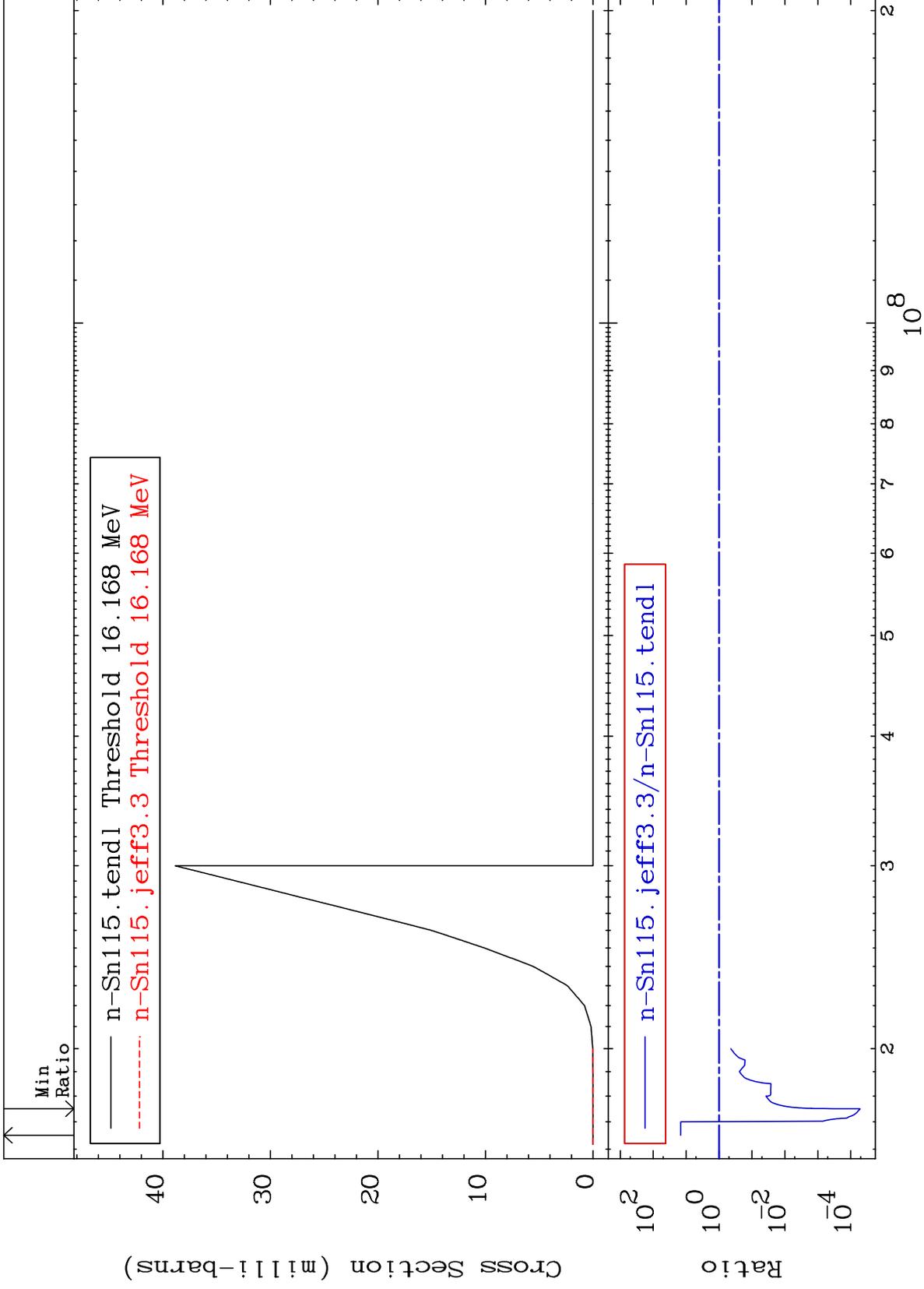
50-Sn-115  
-100.0 To 610.7 %



MAT 5034

(n,2n) p  
Cross Section

50-Sn-115  
-99.99 To 1355. %



10

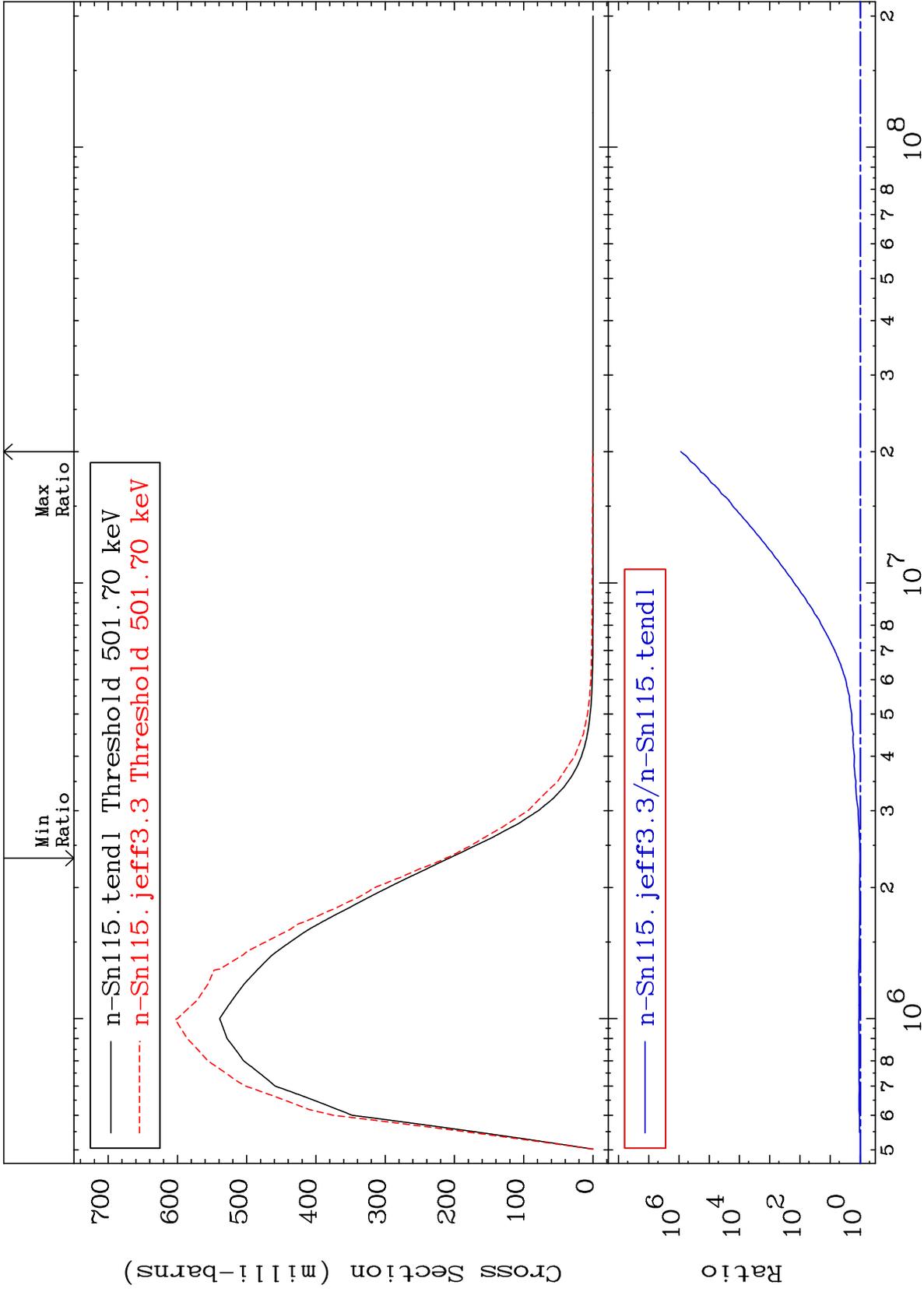
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 51 (n,n') Level  
Cross Section

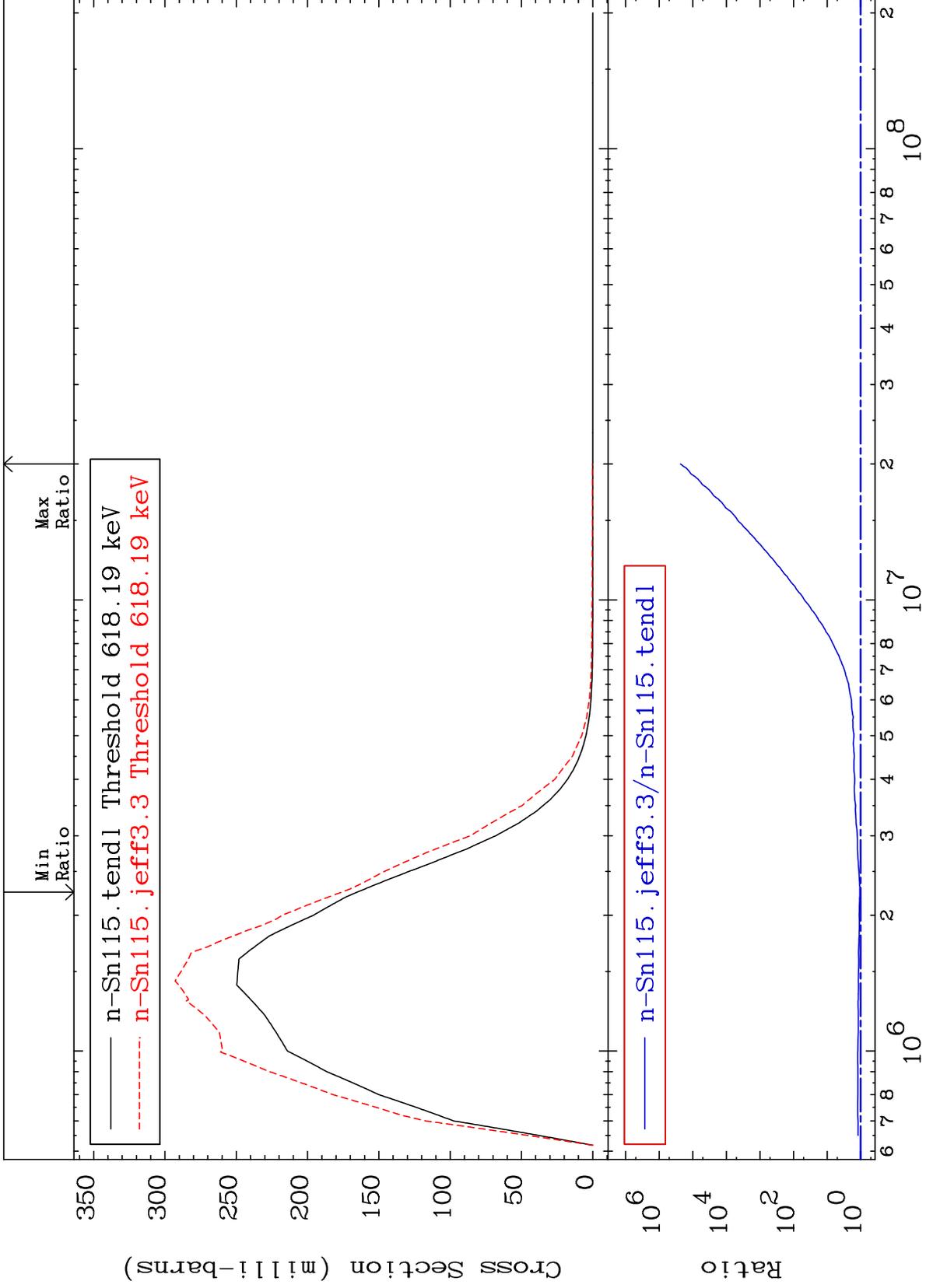
50-Sn-115  
To 9999. %  
2.070



MAT 5034

MT= 52 (n,n') Level  
Cross Section

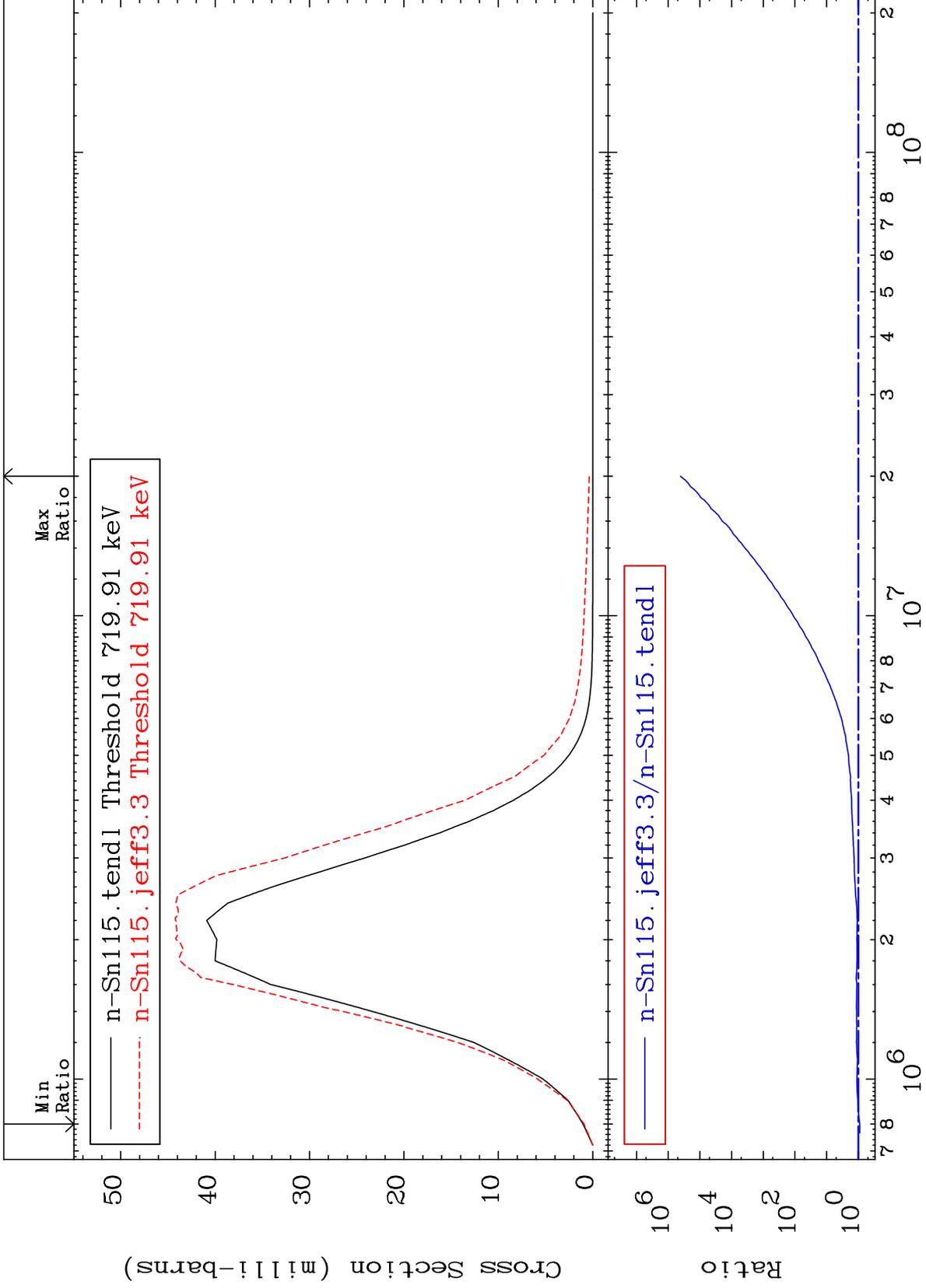
50-Sn-115  
To 9999. %  
6.497



MAT 5034

MT= 53 (n,n') Level  
Cross Section

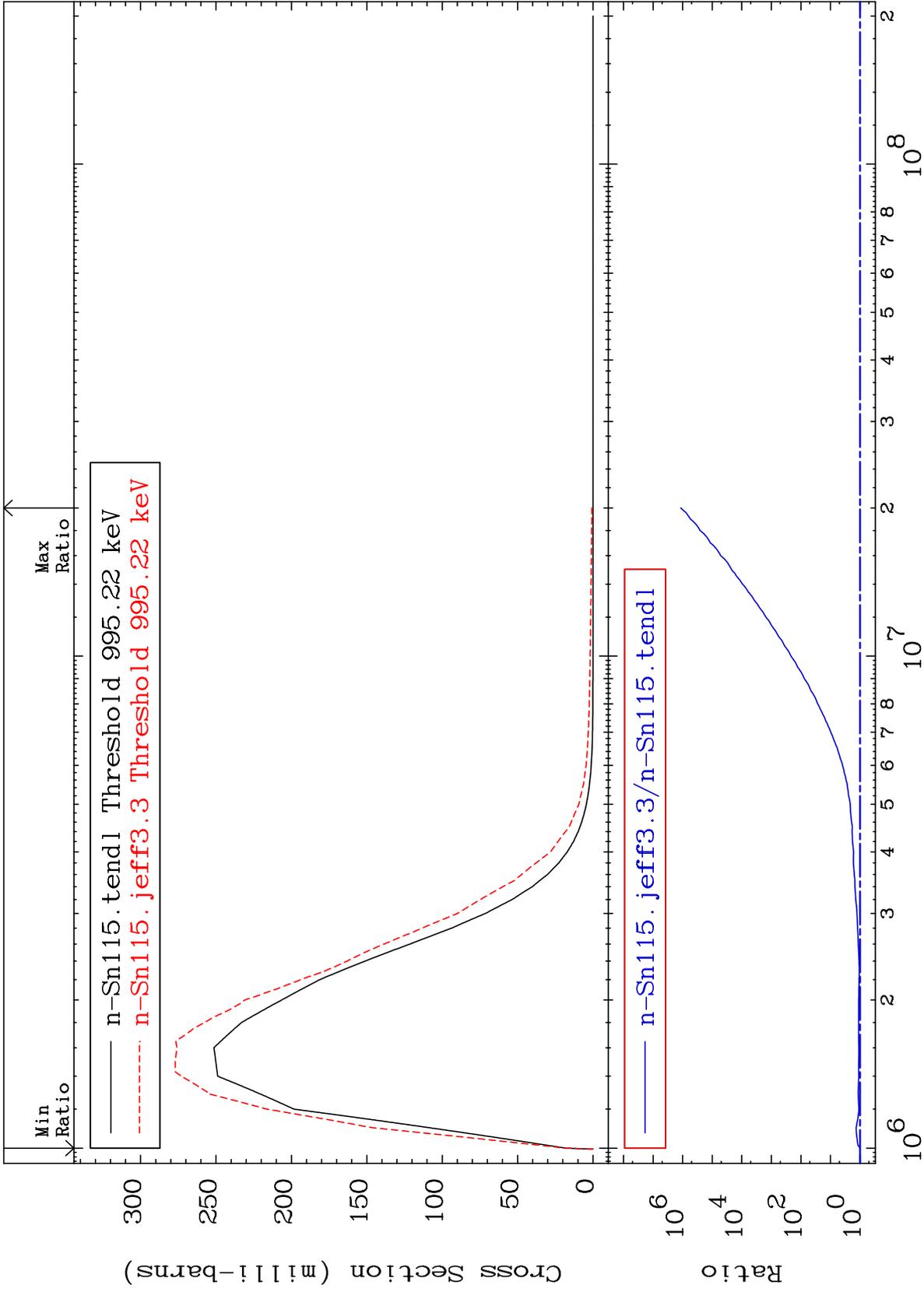
50-Sn-115  
-10.24 To 9999. %



MAT 5034

MT= 54 (n, n') Level  
Cross Section

50-Sn-115  
-0.727 To 9999. %



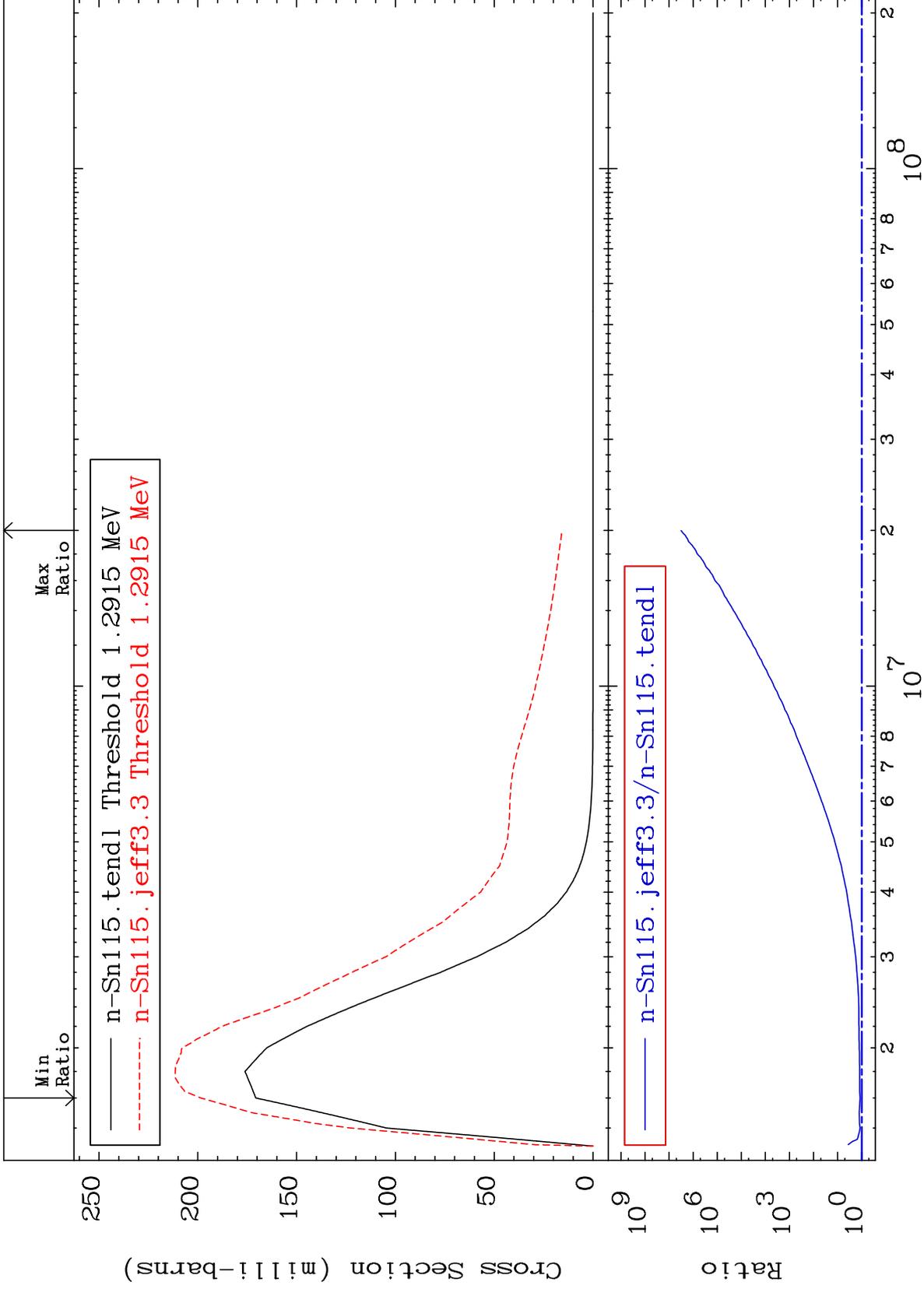
14

50-Sn-115

MAT 5034

MT= 55 (n,n') Level  
Cross Section

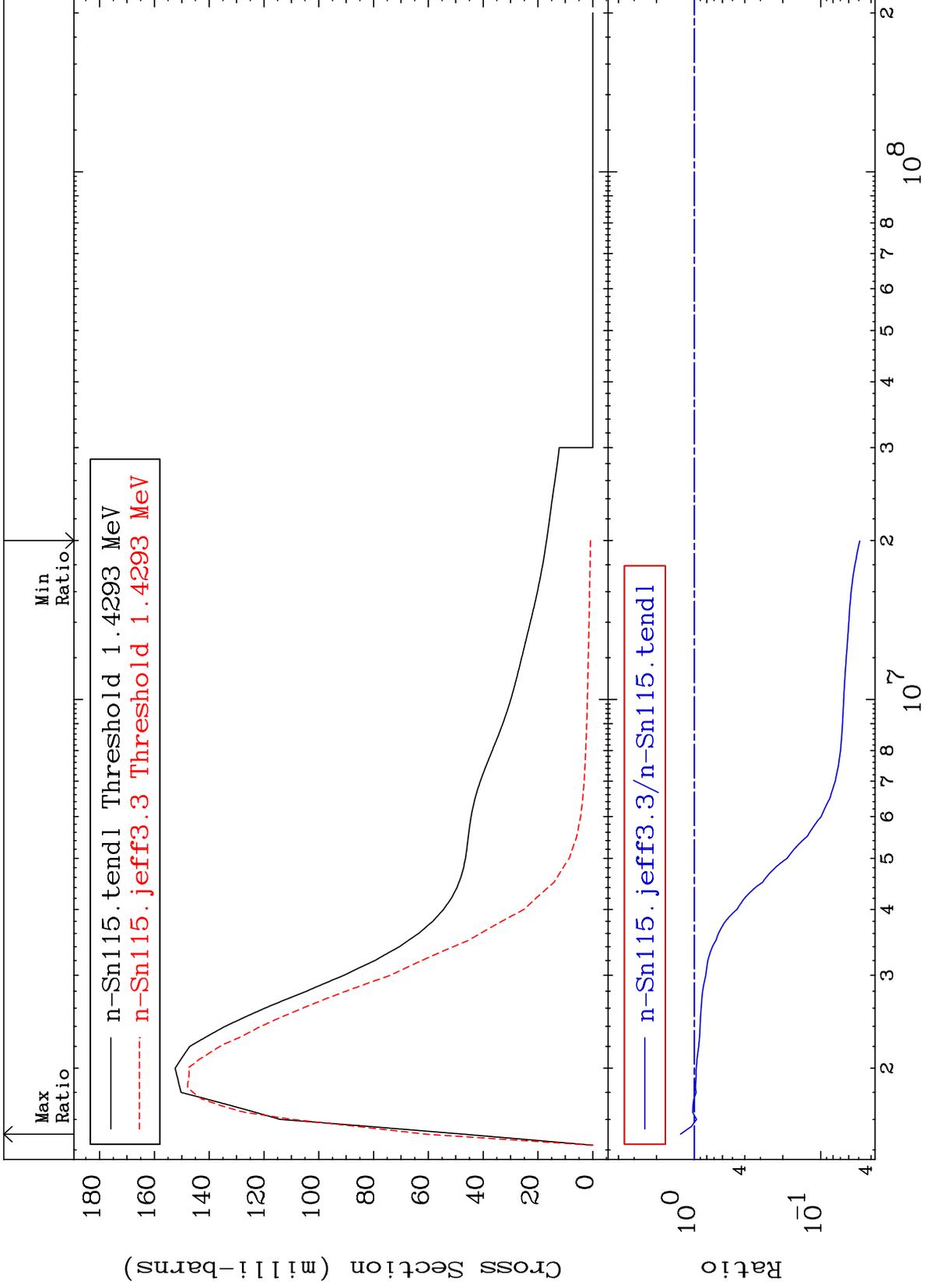
50-Sn-115  
16.26 To 9999. %



MAT 5034

MT= 56 (n,n') Level  
Cross Section

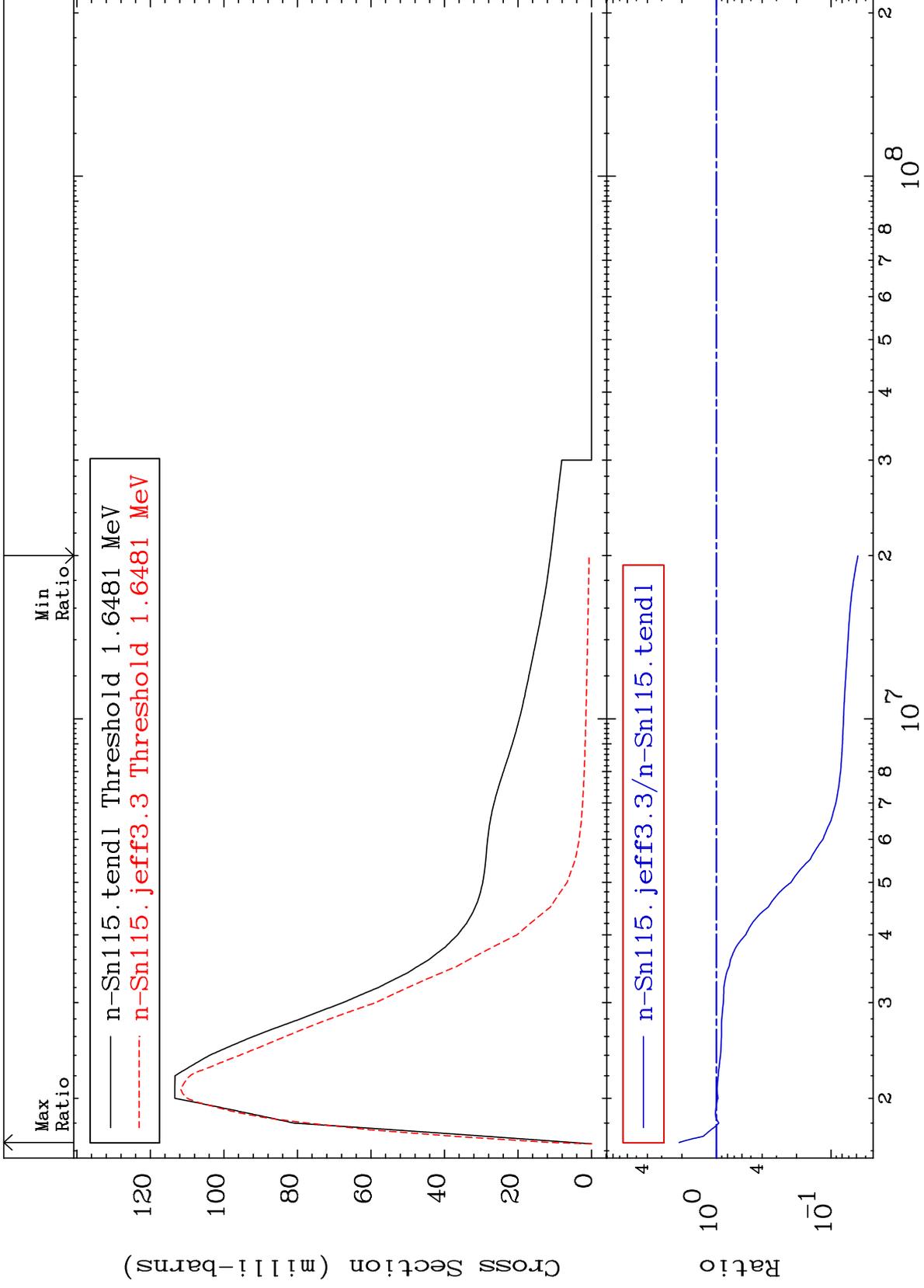
50-Sn-115  
-95.09 To 29.00 %



MAT 5034

MT= 57 (n, n') Level  
Cross Section

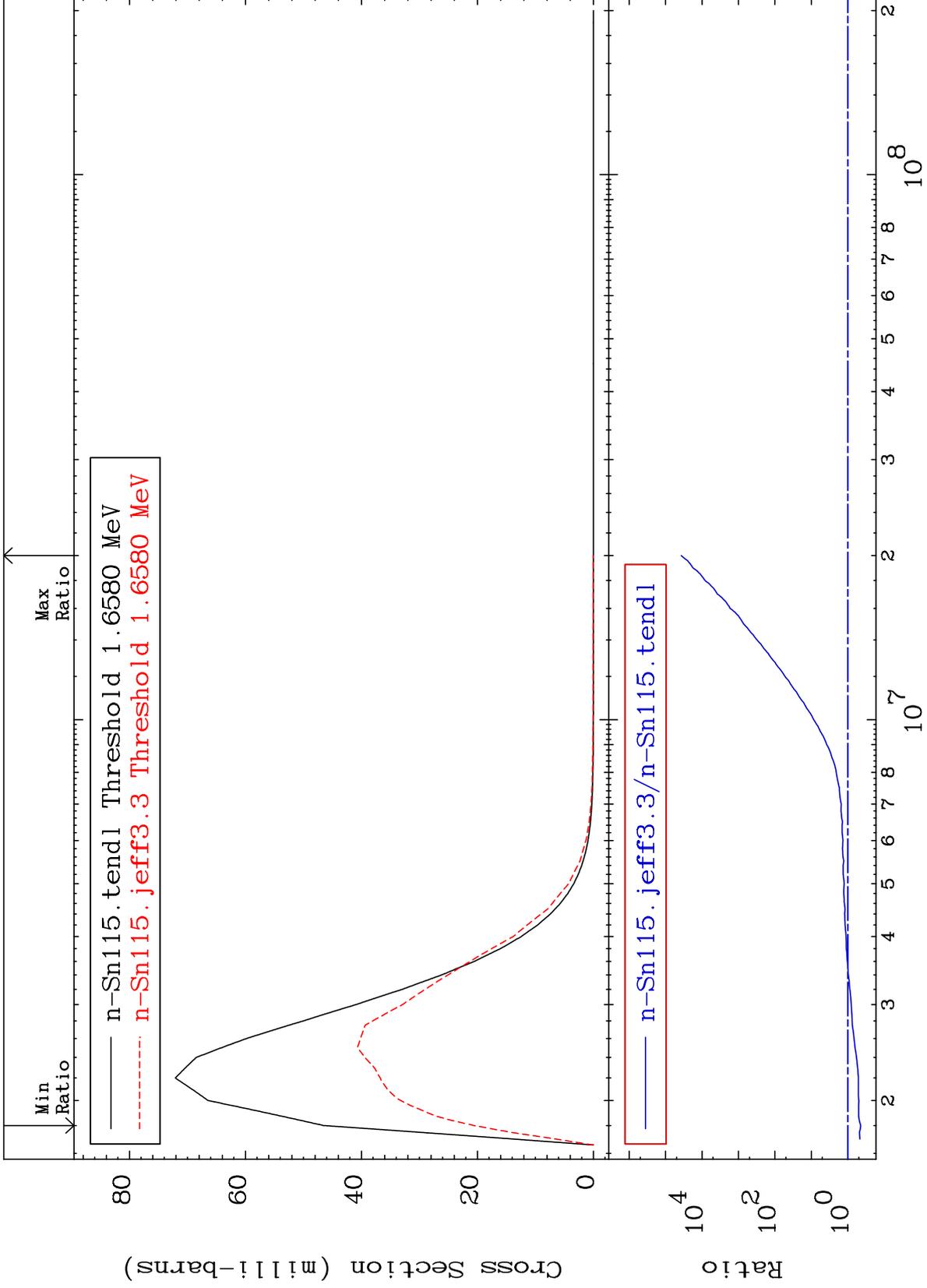
50-Sn-115  
-94.17 To 112.0 %



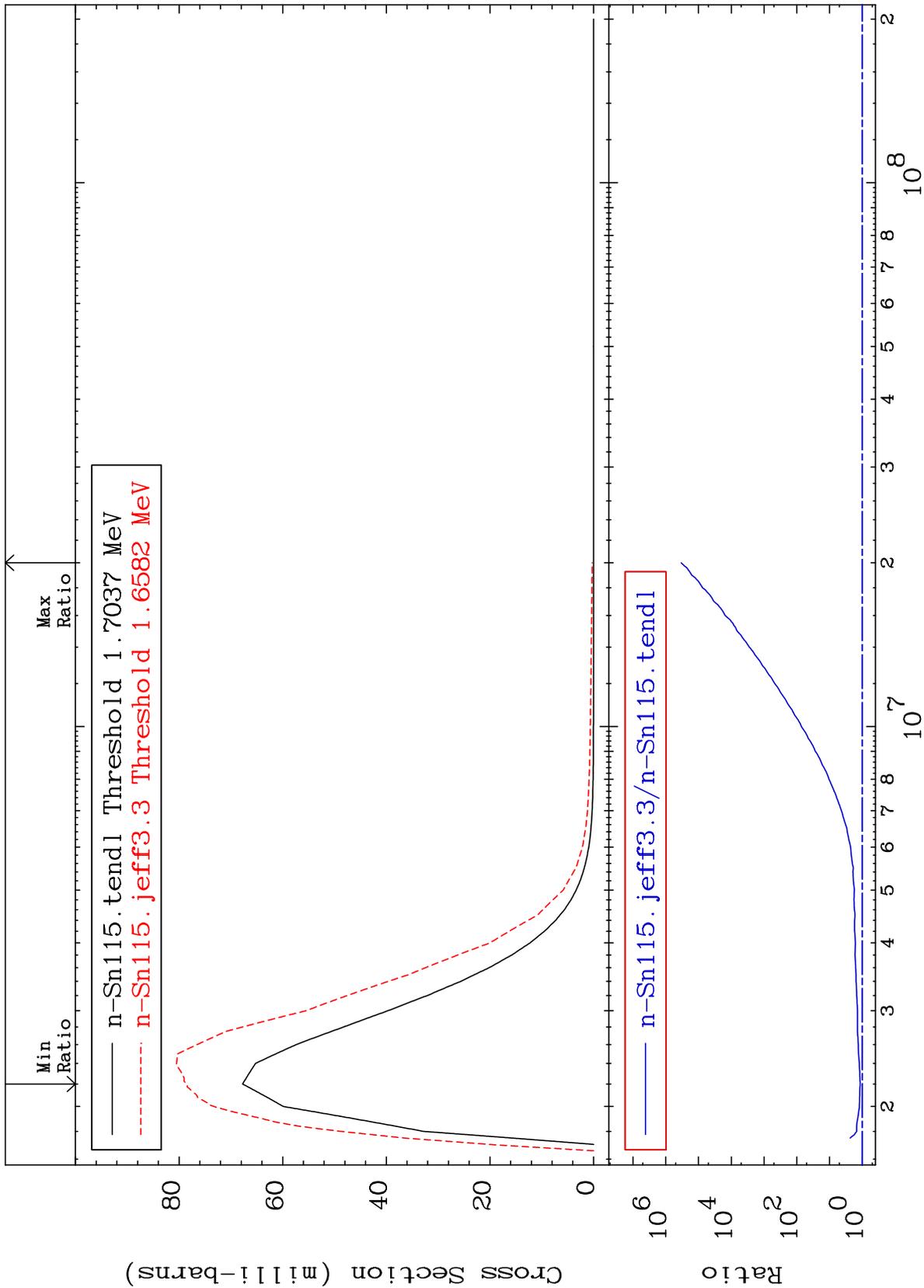
MAT 5034

MT= 58 (n,n') Level  
Cross Section

50-Sn-115  
-55.79 To 9999. %



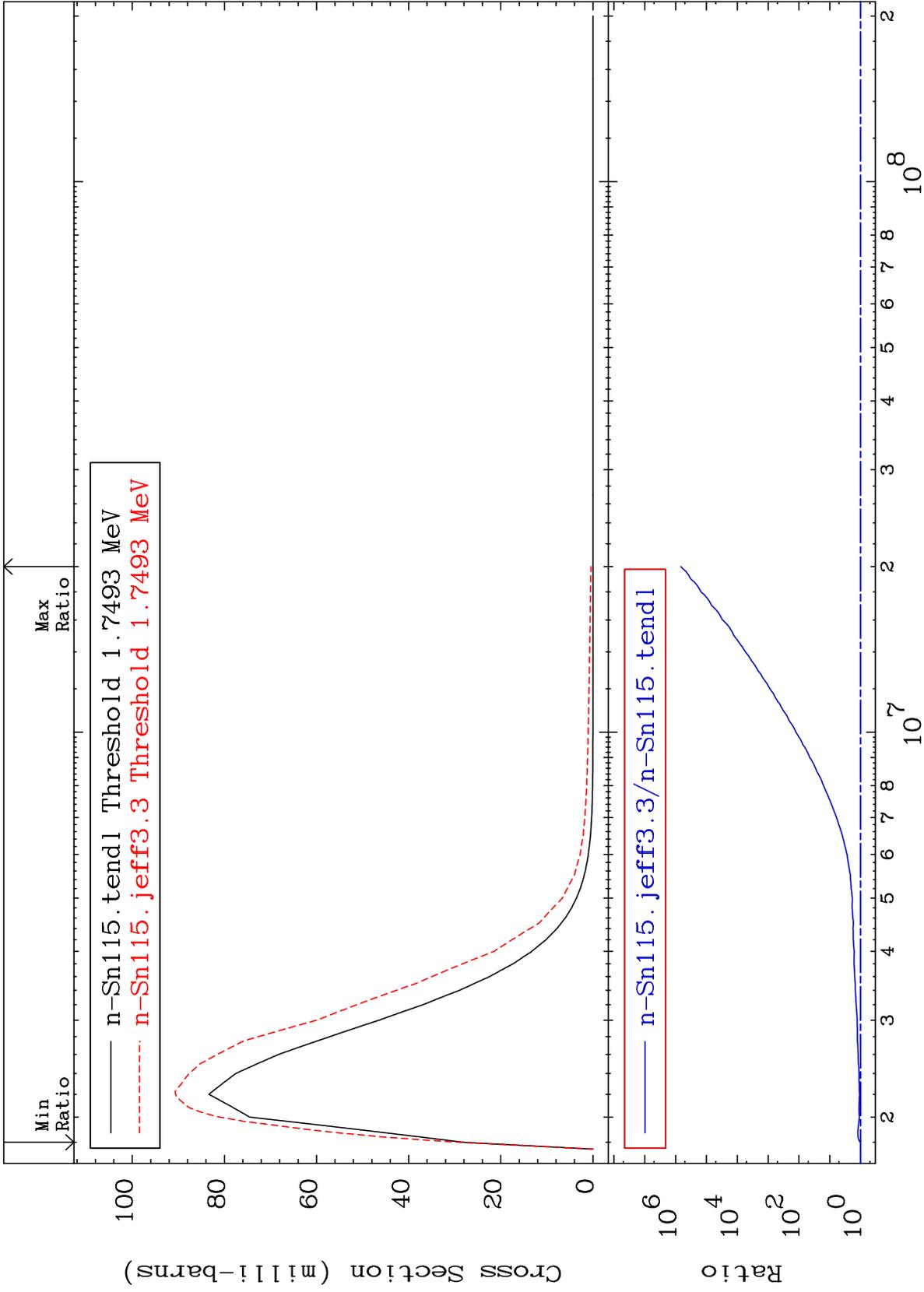
MAT 5034 MT= 59 (n,n') Level Cross Section 50-Sn-115 To 9999. %



MAT 5034

MT= 60 (n,n') Level  
Cross Section

50-Sn-115  
To 9999. %  
3.758



20

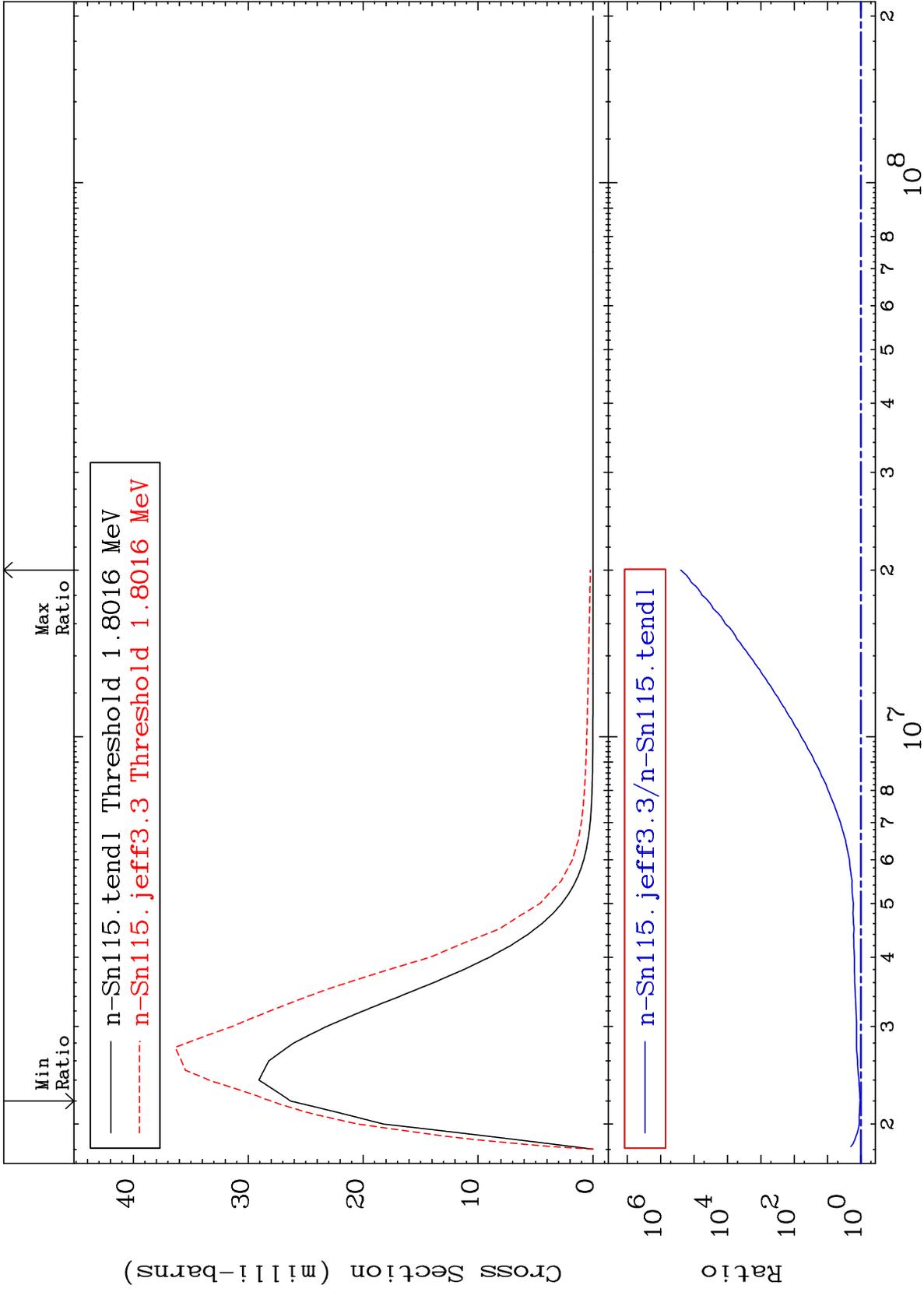
Incident Energy (eV)

50-Sn-115

MAT 5034

MT= 61 (n,n') Level  
Cross Section

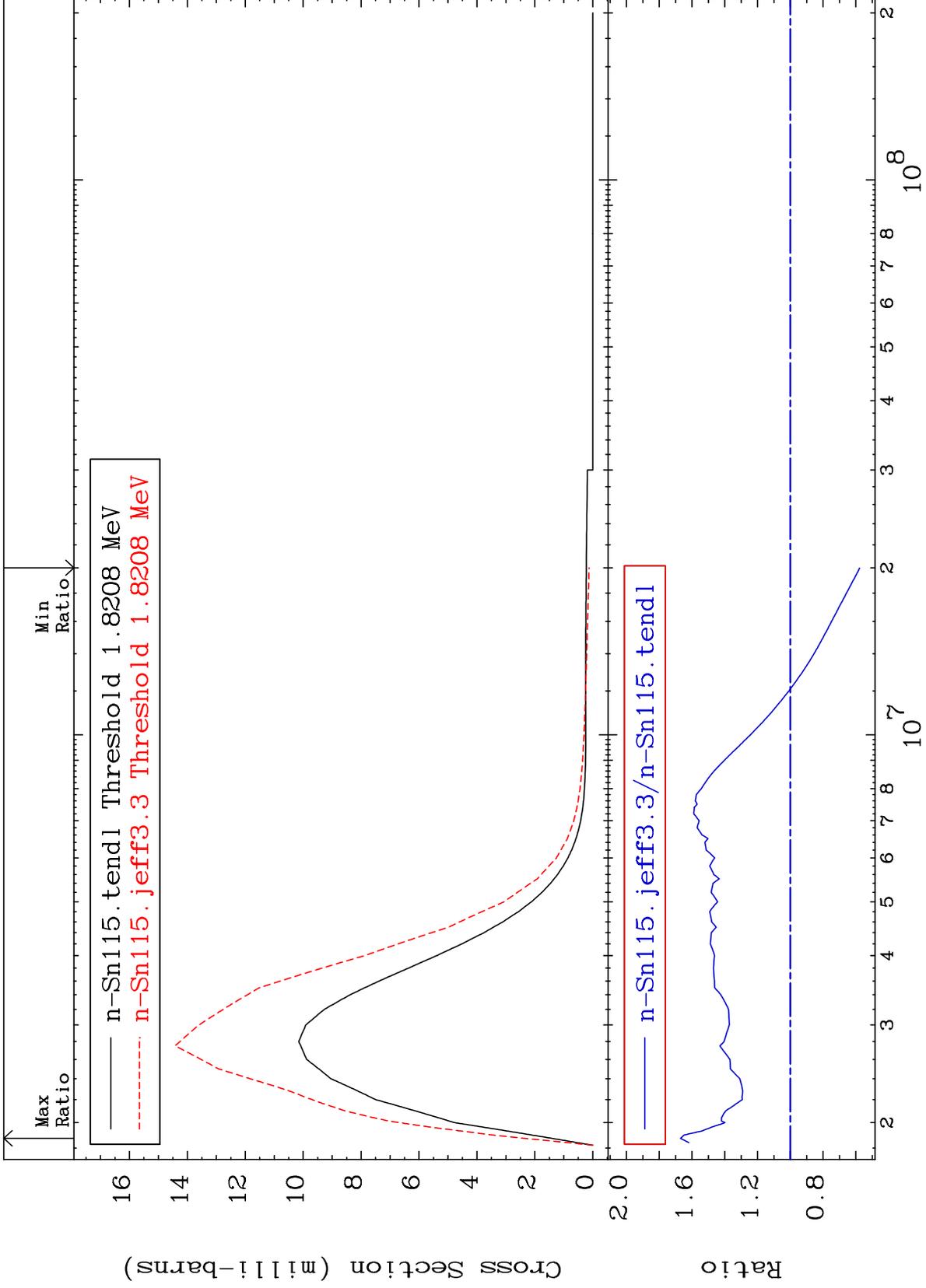
50-Sn-115  
To 9999. %  
6.431



MAT 5034

MT= 62 (n,n') Level  
Cross Section

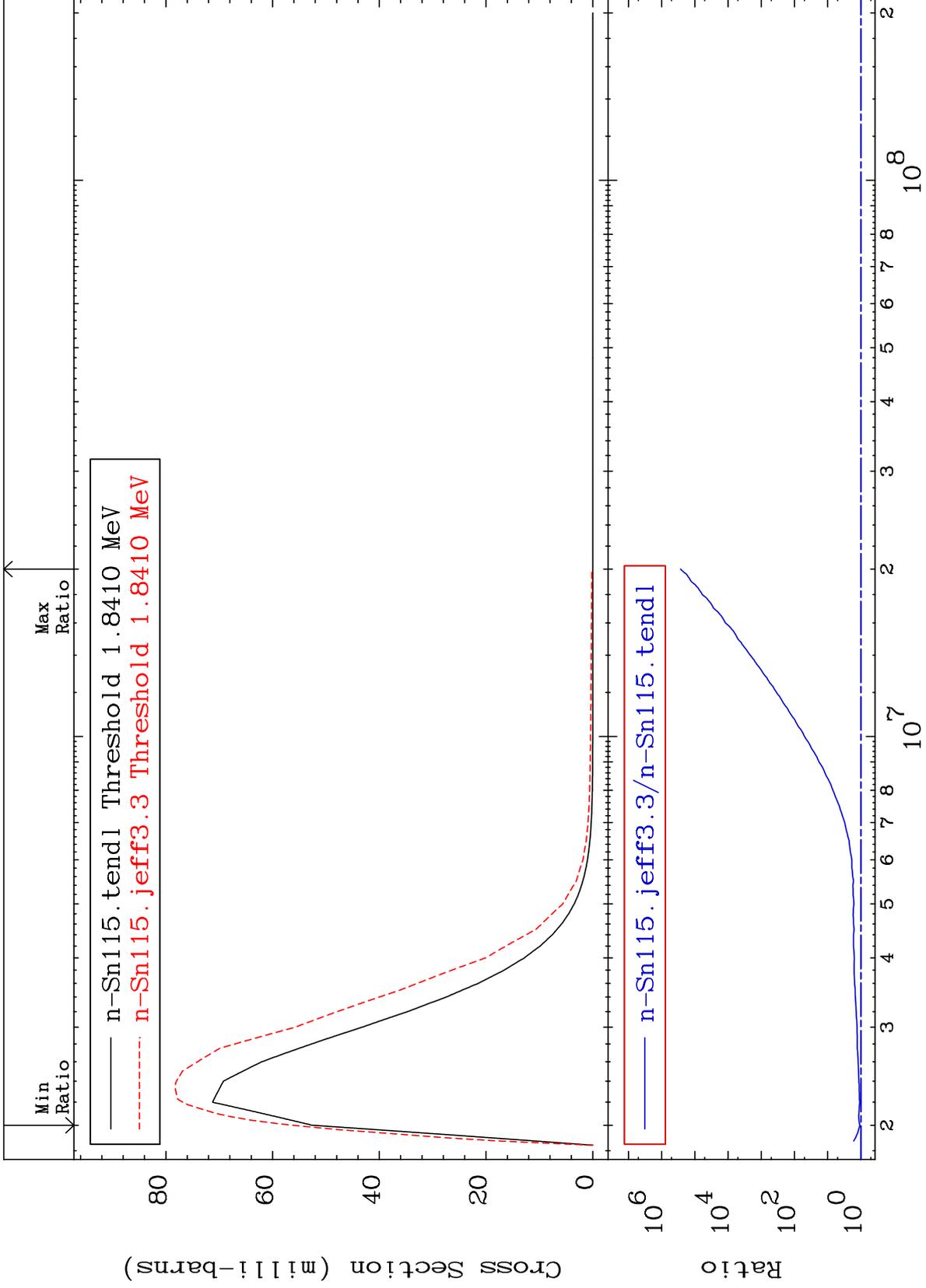
50-Sn-115  
-42.40 To 67.01 %



MAT 5034

MT= 63 (n,n') Level  
Cross Section

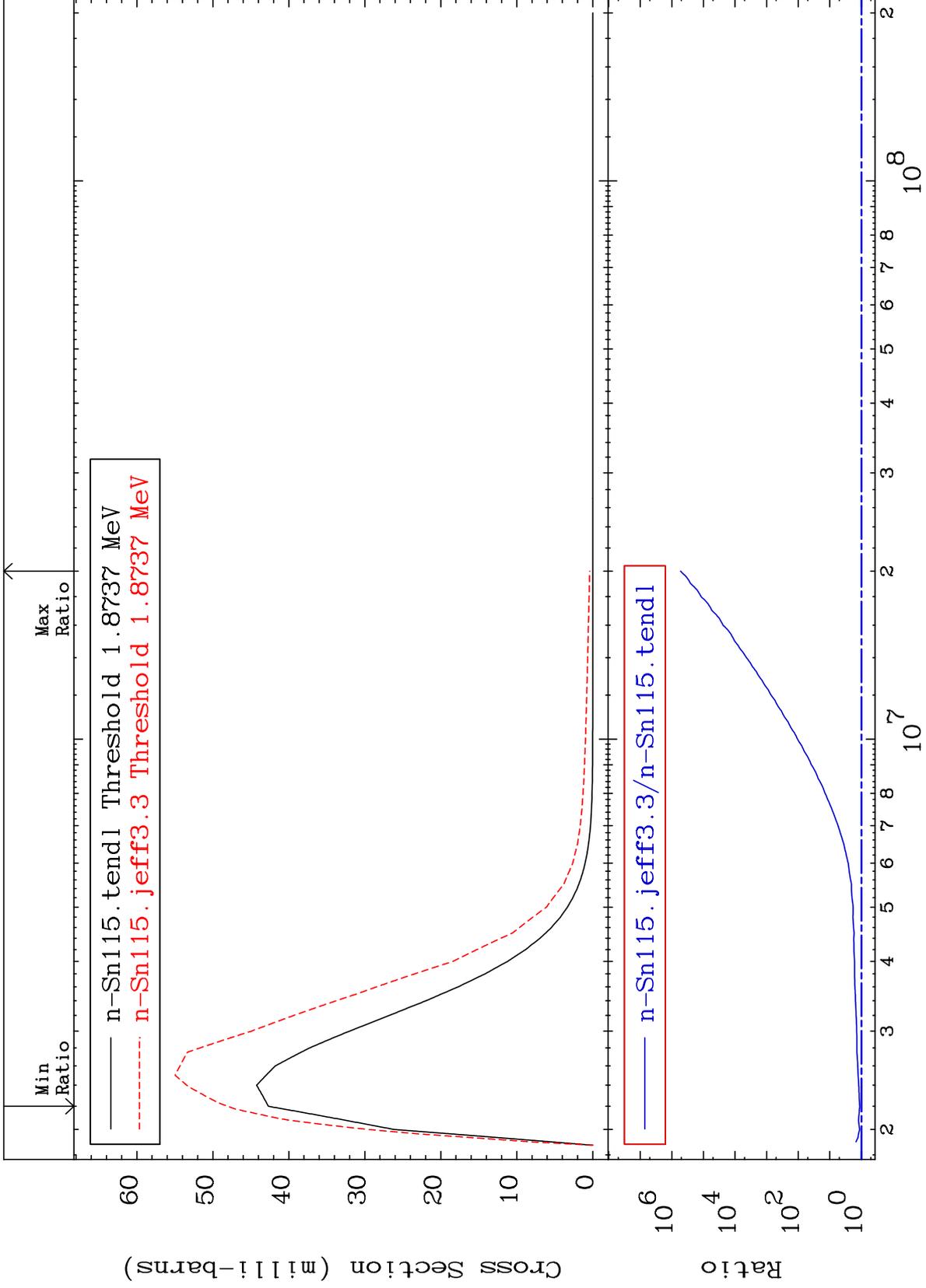
50-Sn-115  
To 9999. %  
7.035



MAT 5034

MT= 64 (n,n') Level  
Cross Section

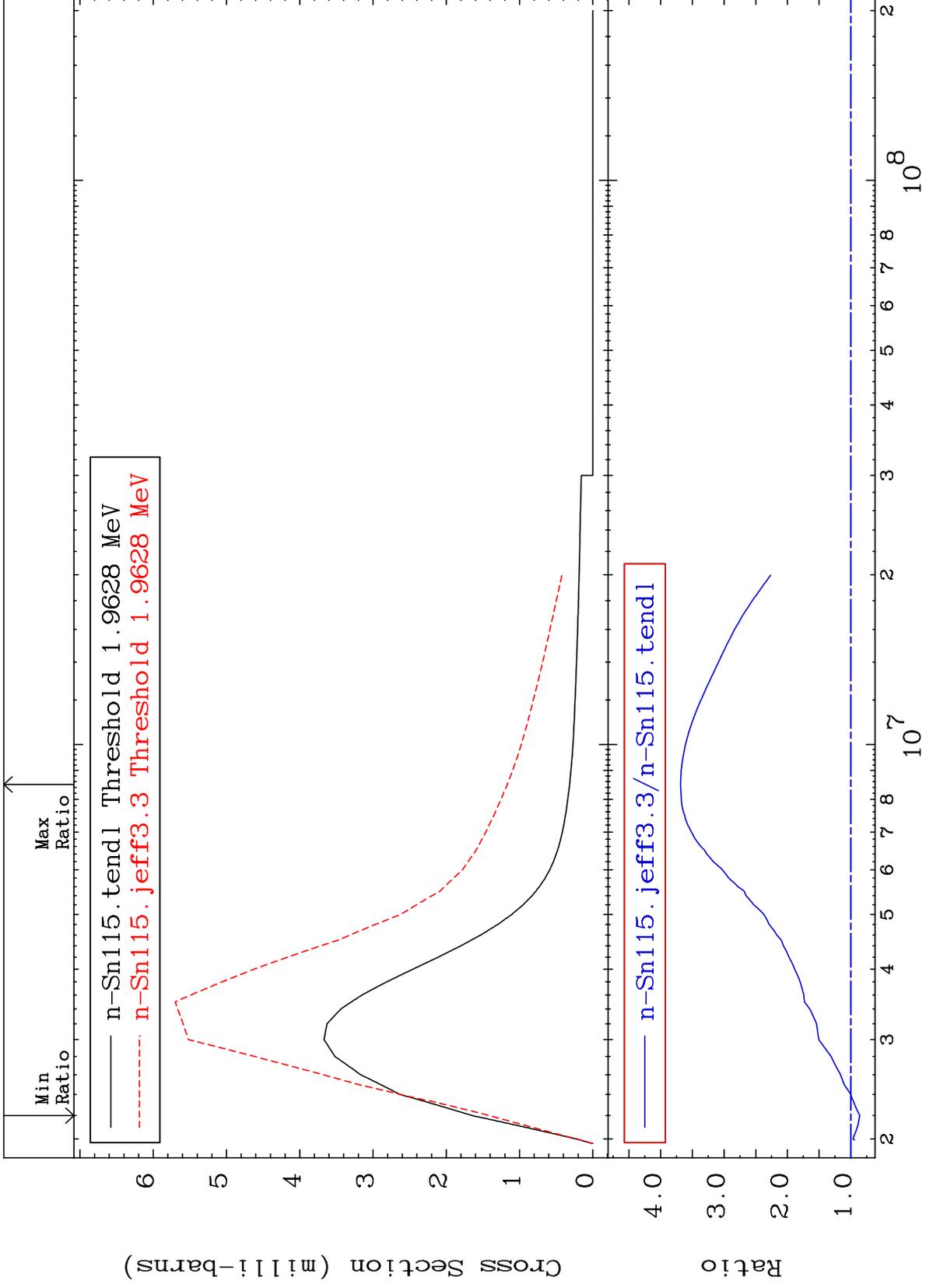
50-Sn-115  
12.53 To 9999. %



MAT 5034

MT= 65 (n,n') Level  
Cross Section

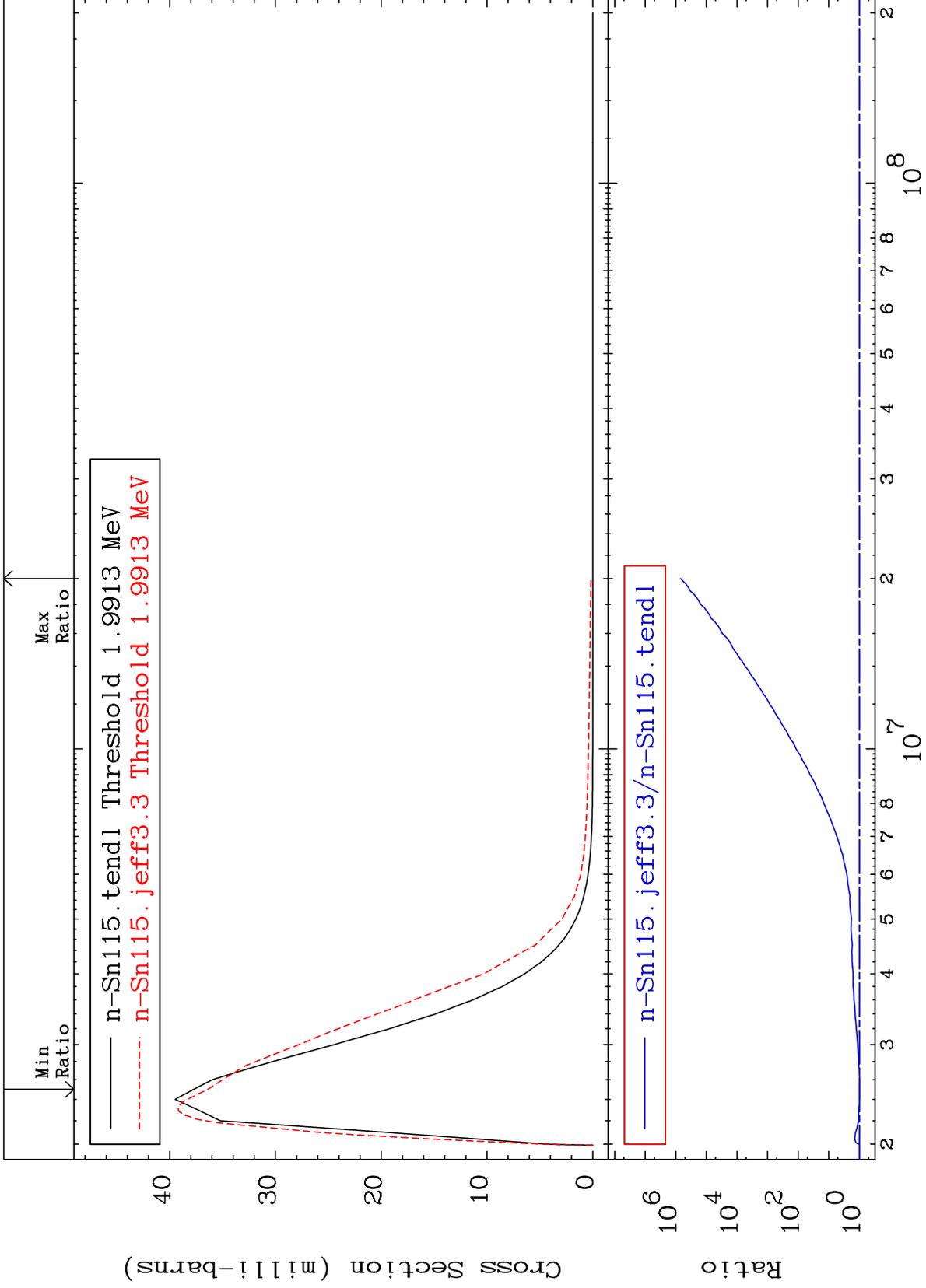
50-Sn-115  
-14.13 To 268.6 %



MAT 5034

MT= 66 (n,n') Level  
Cross Section

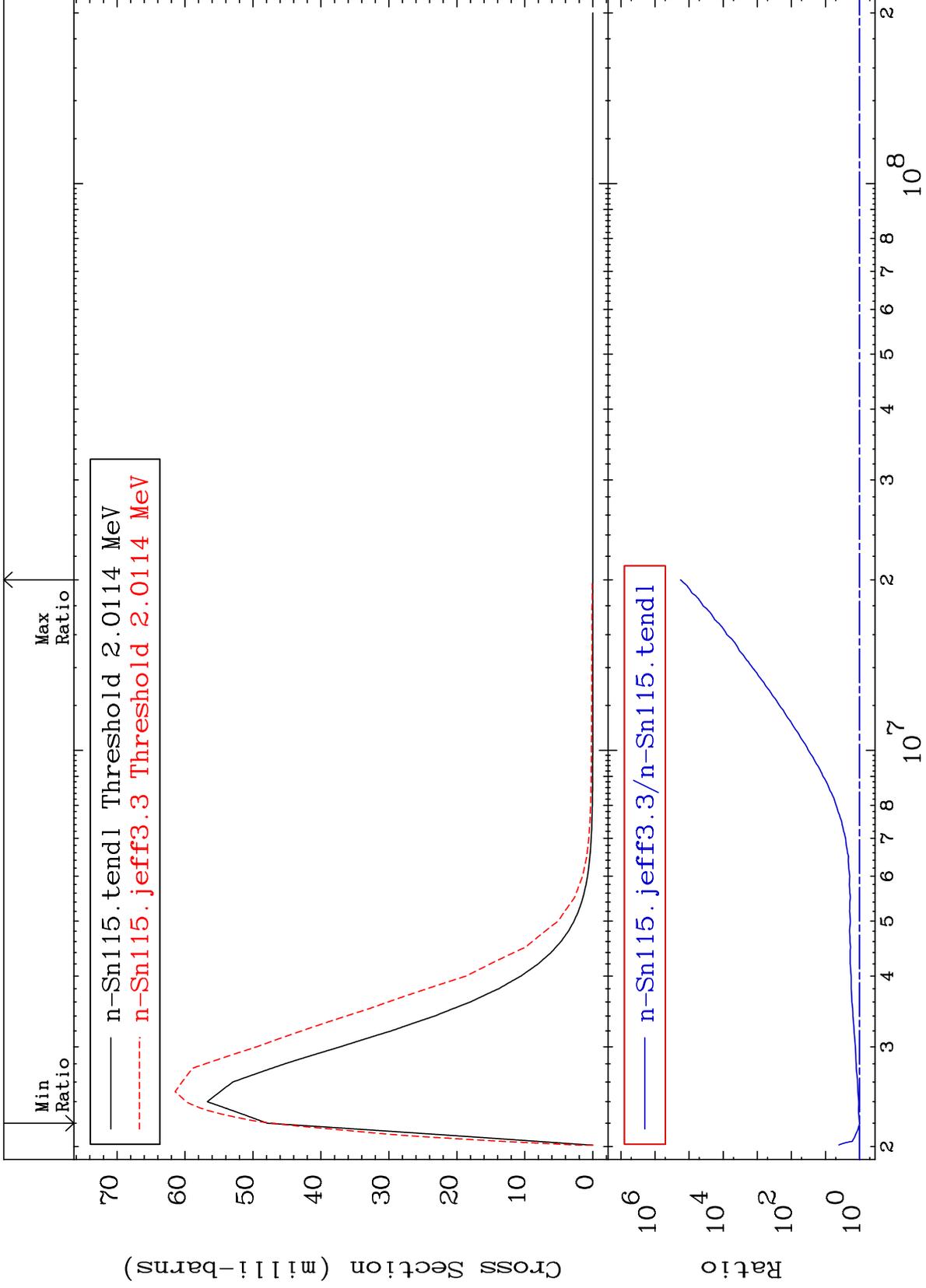
50-Sn-115  
-3.505 To 9999. %



MAT 5034

MT= 67 (n,n') Level  
Cross Section

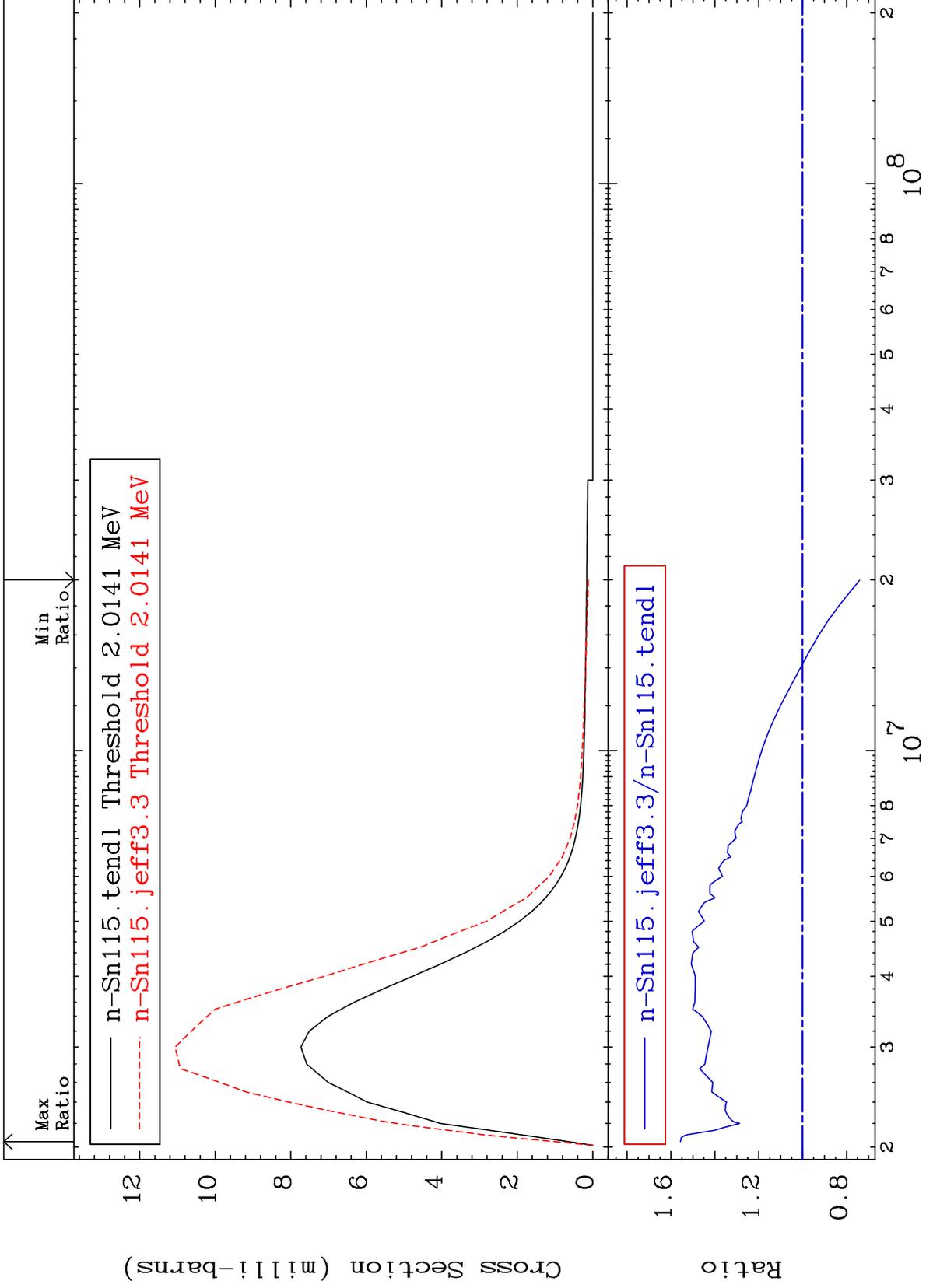
50-Sn-115  
-1.627 To 9999. %



MAT 5034

MT= 68 (n,n') Level  
Cross Section

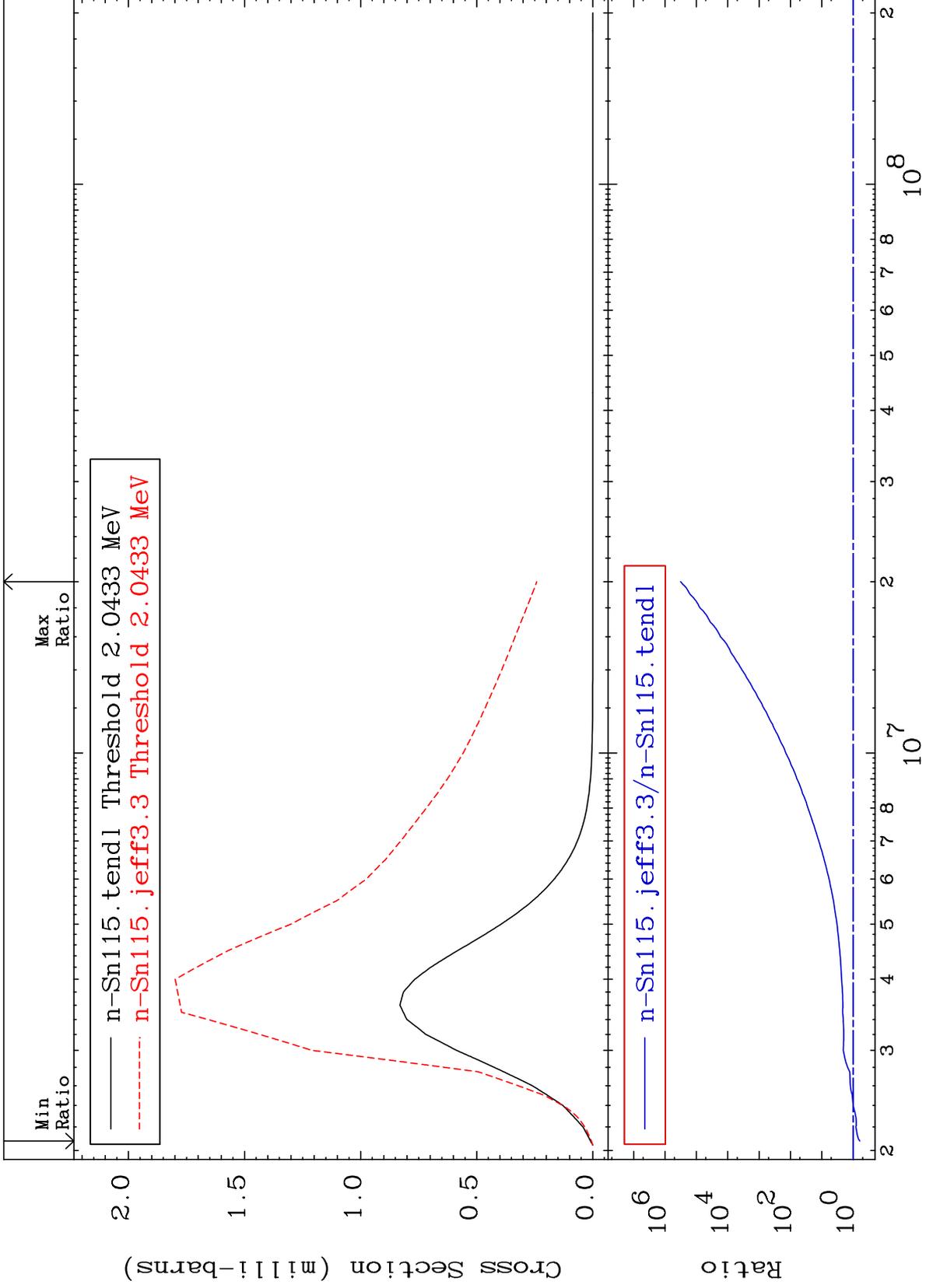
50-Sn-115  
-26.03 To 55.64 %



MAT 5034

MT= 69 (n,n') Level  
Cross Section

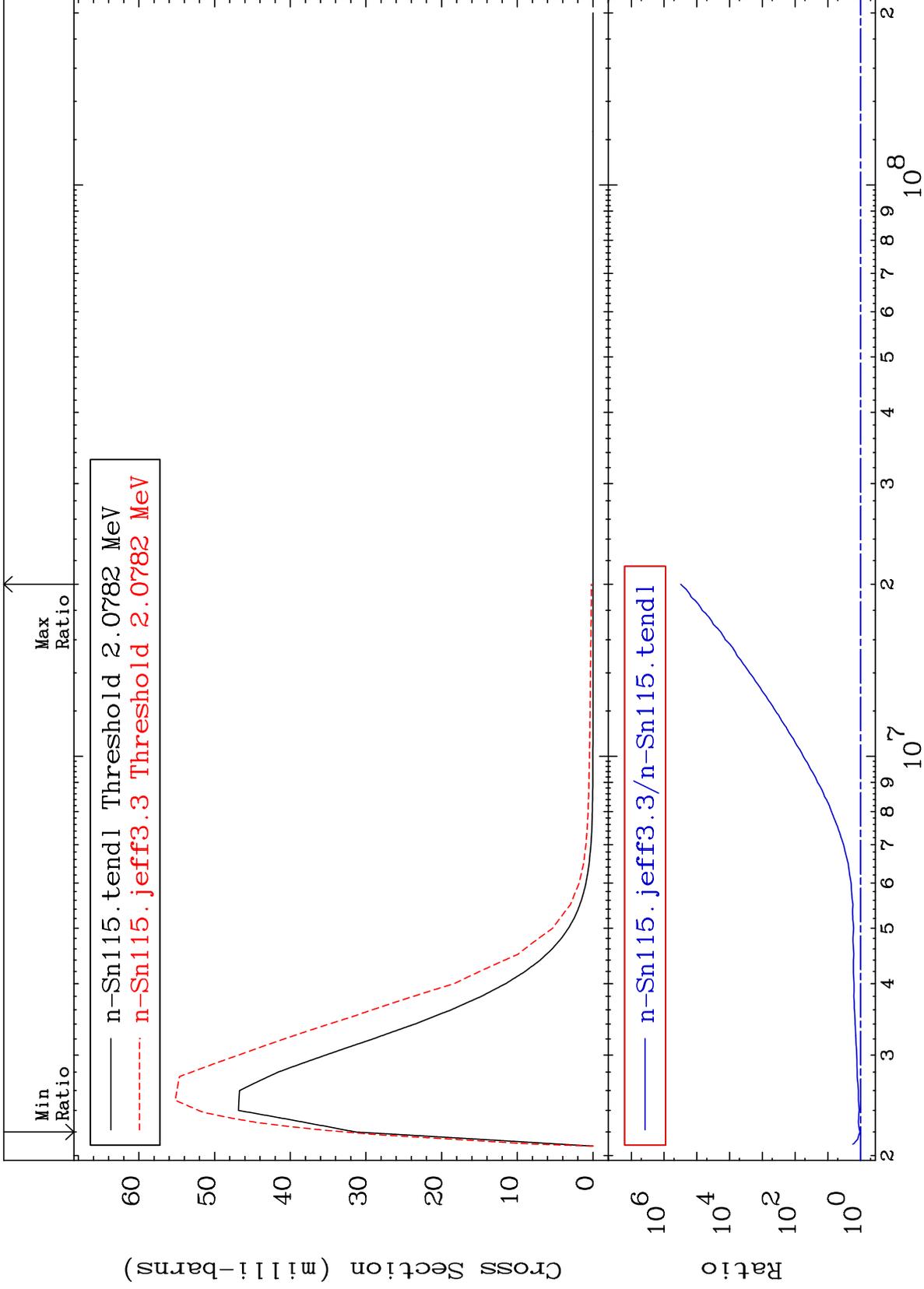
50-Sn-115  
-38.31 To 9999. %



MAT 5034

MT= 70 (n,n') Level  
Cross Section

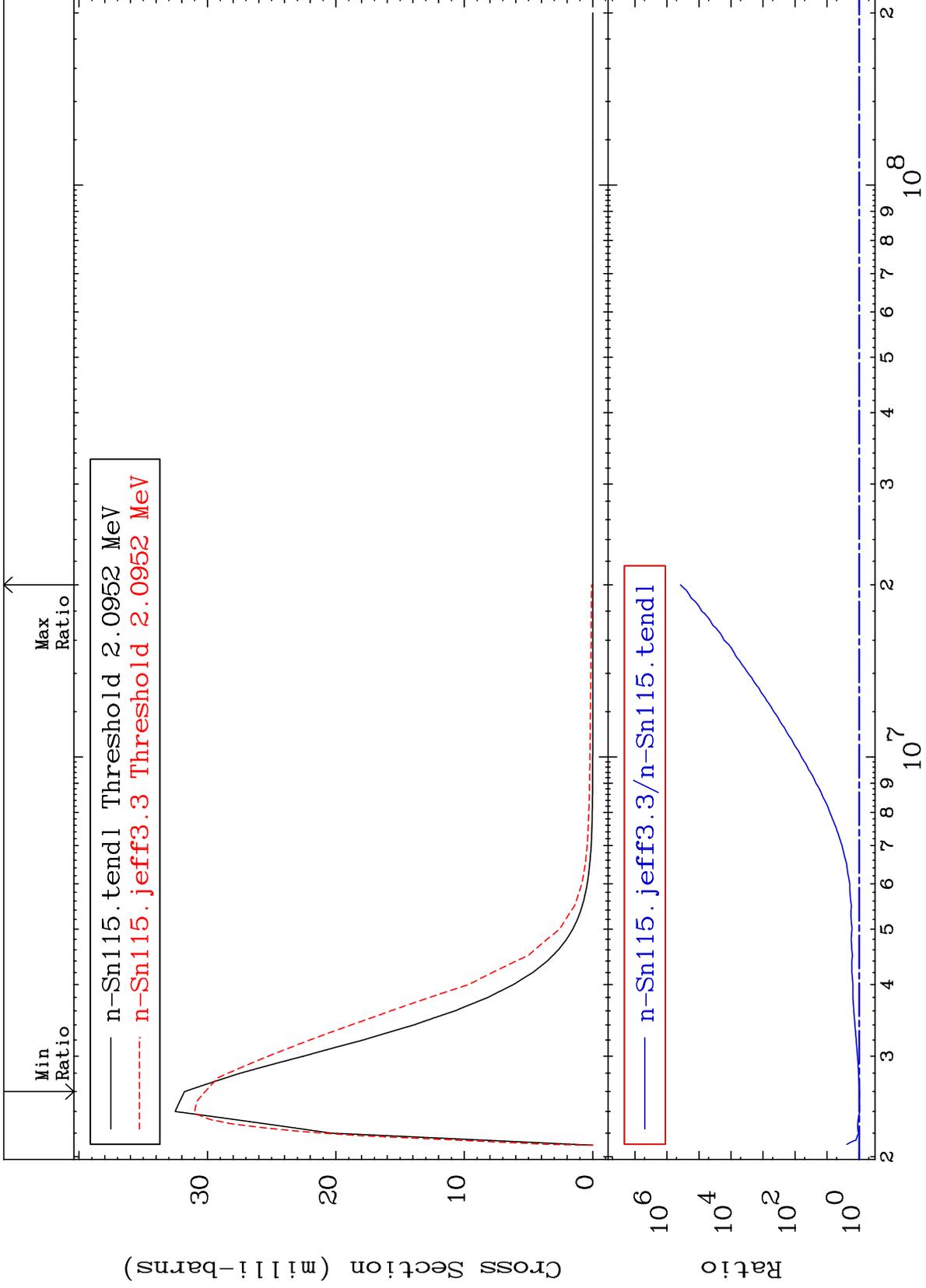
50-Sn-115  
To 9999. %  
4.228



MAT 5034

MT= 71 (n,n') Level  
Cross Section

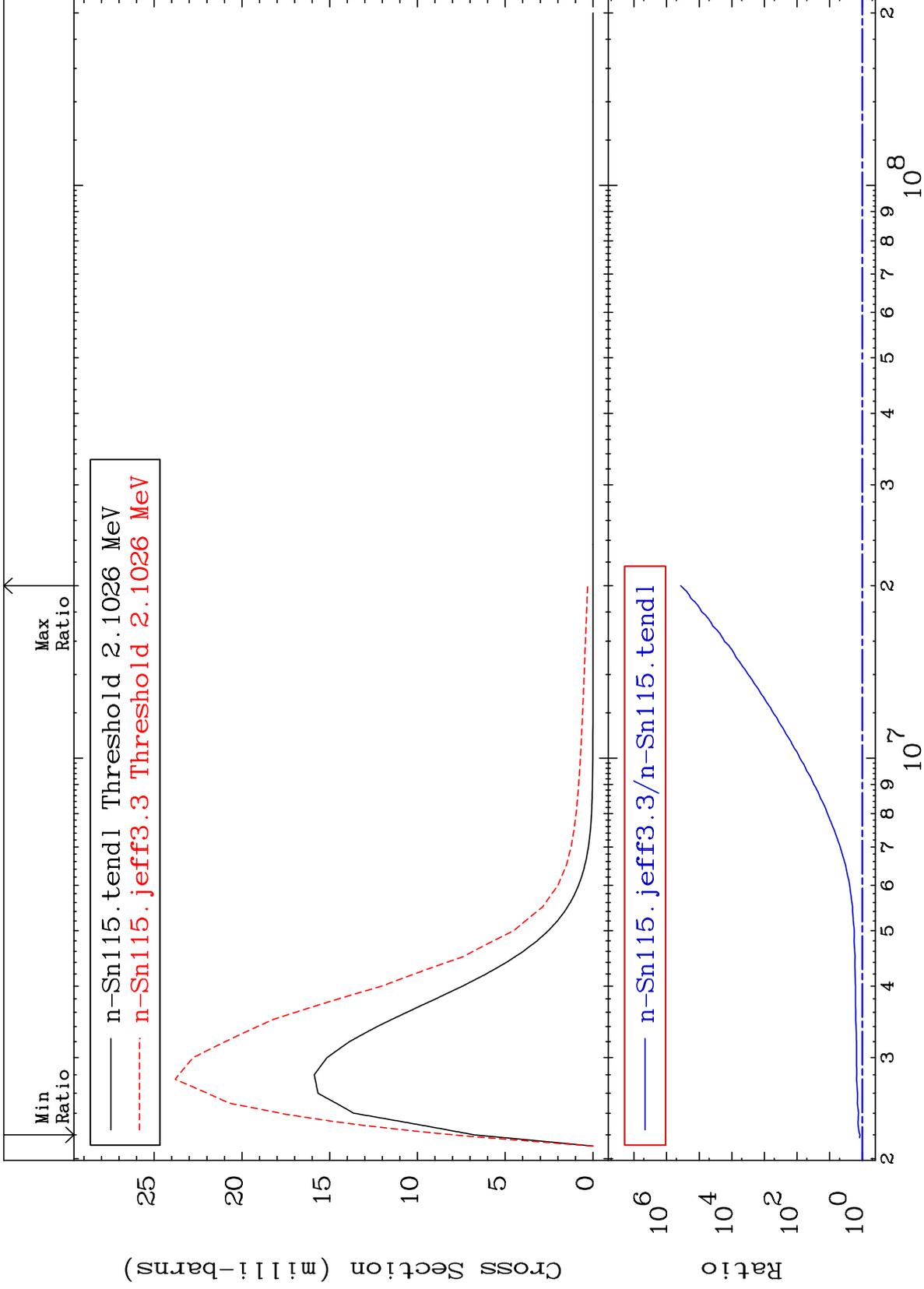
50-Sn-115  
-5.085 To 9999. %



MAT 5034

MT= 72 (n,n') Level  
Cross Section

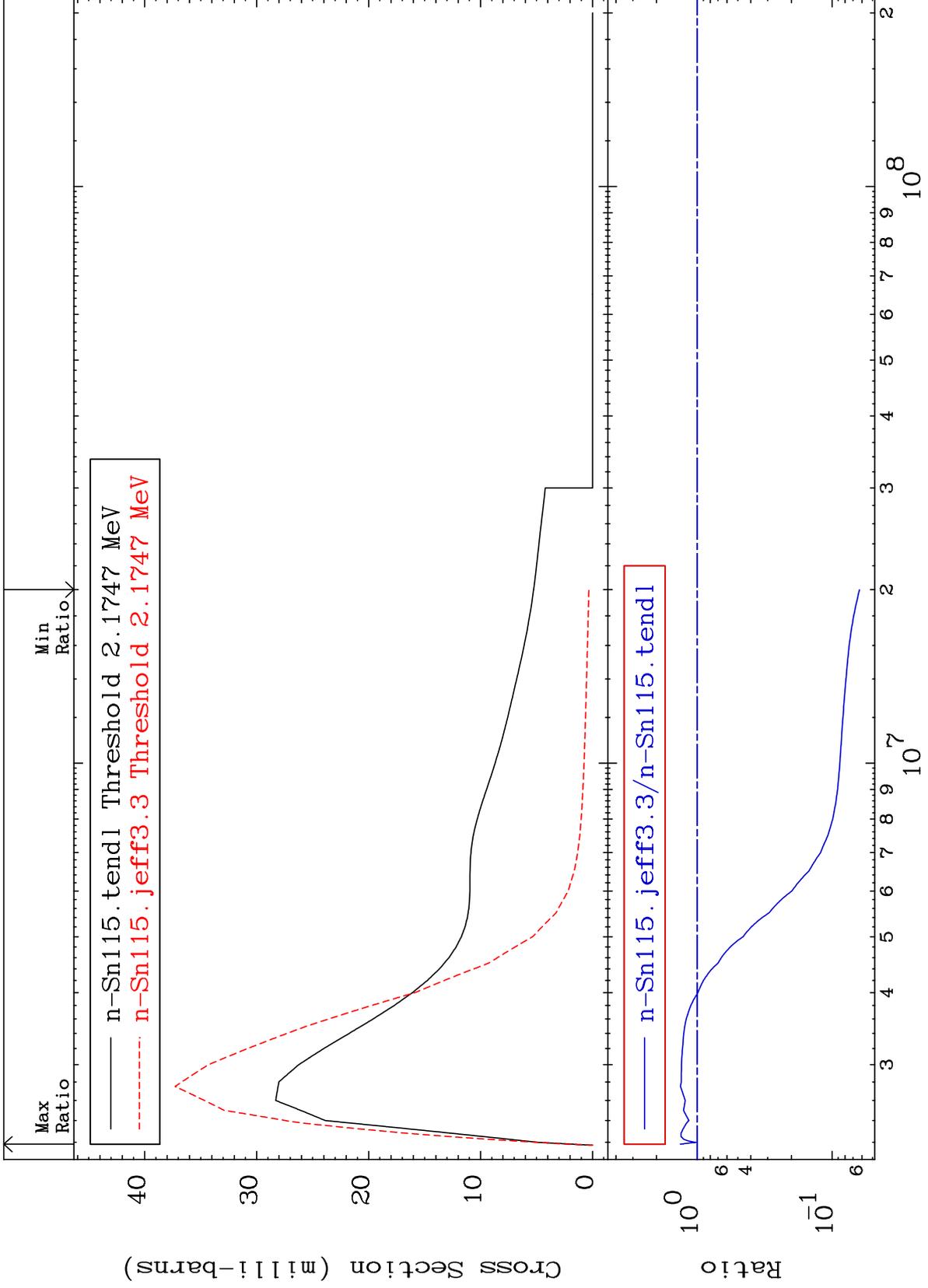
50-Sn-115  
17.08 To 9999. %



MAT 5034

MT= 73 (n,n') Level  
Cross Section

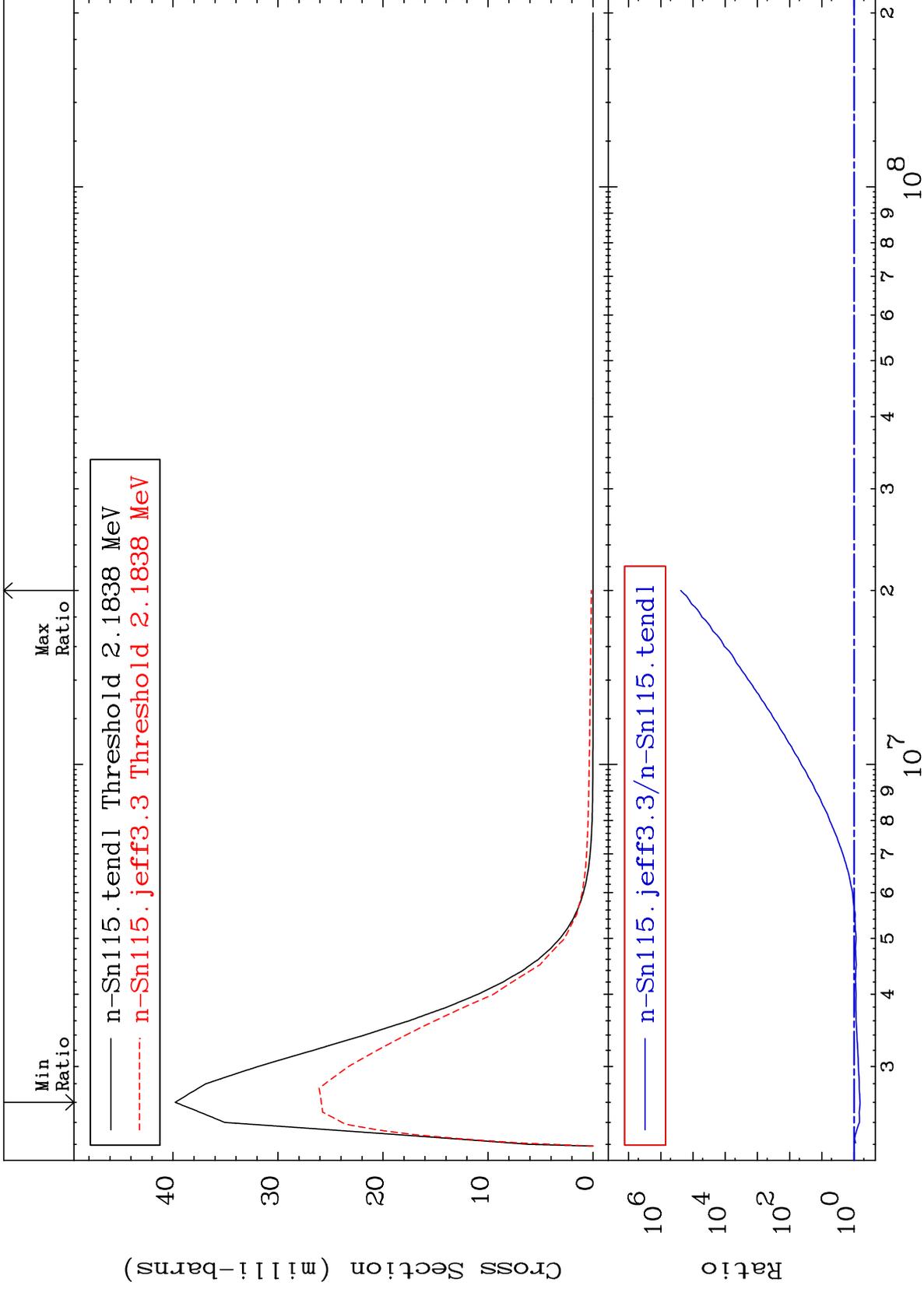
50-Sn-115  
-93.74 To 33.34 %



MAT 5034

MT= 74 (n,n') Level  
Cross Section

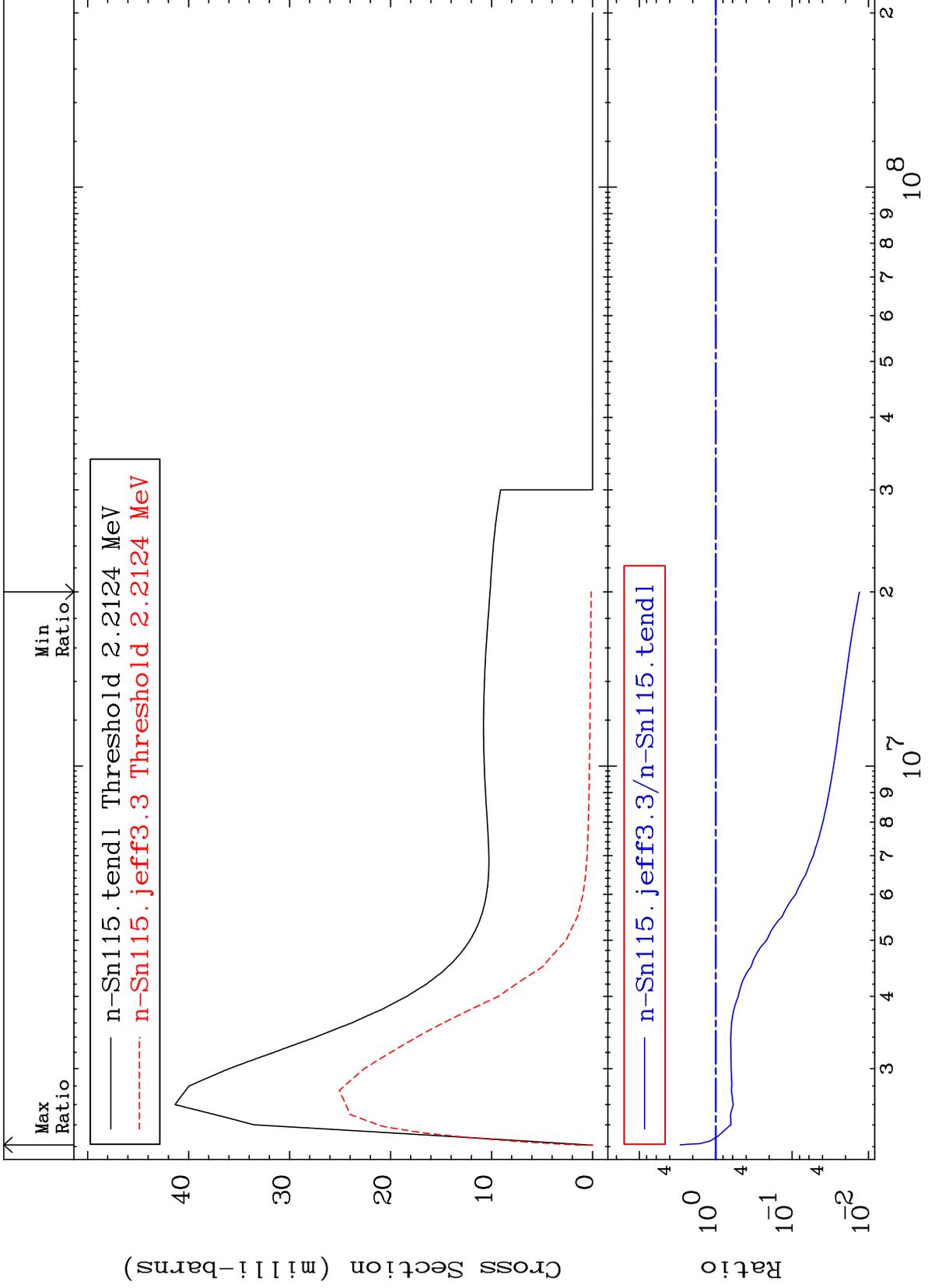
50-Sn-115  
-34.98 To 9999. %



MAT 5034

MT= 75 (n,n') Level  
Cross Section

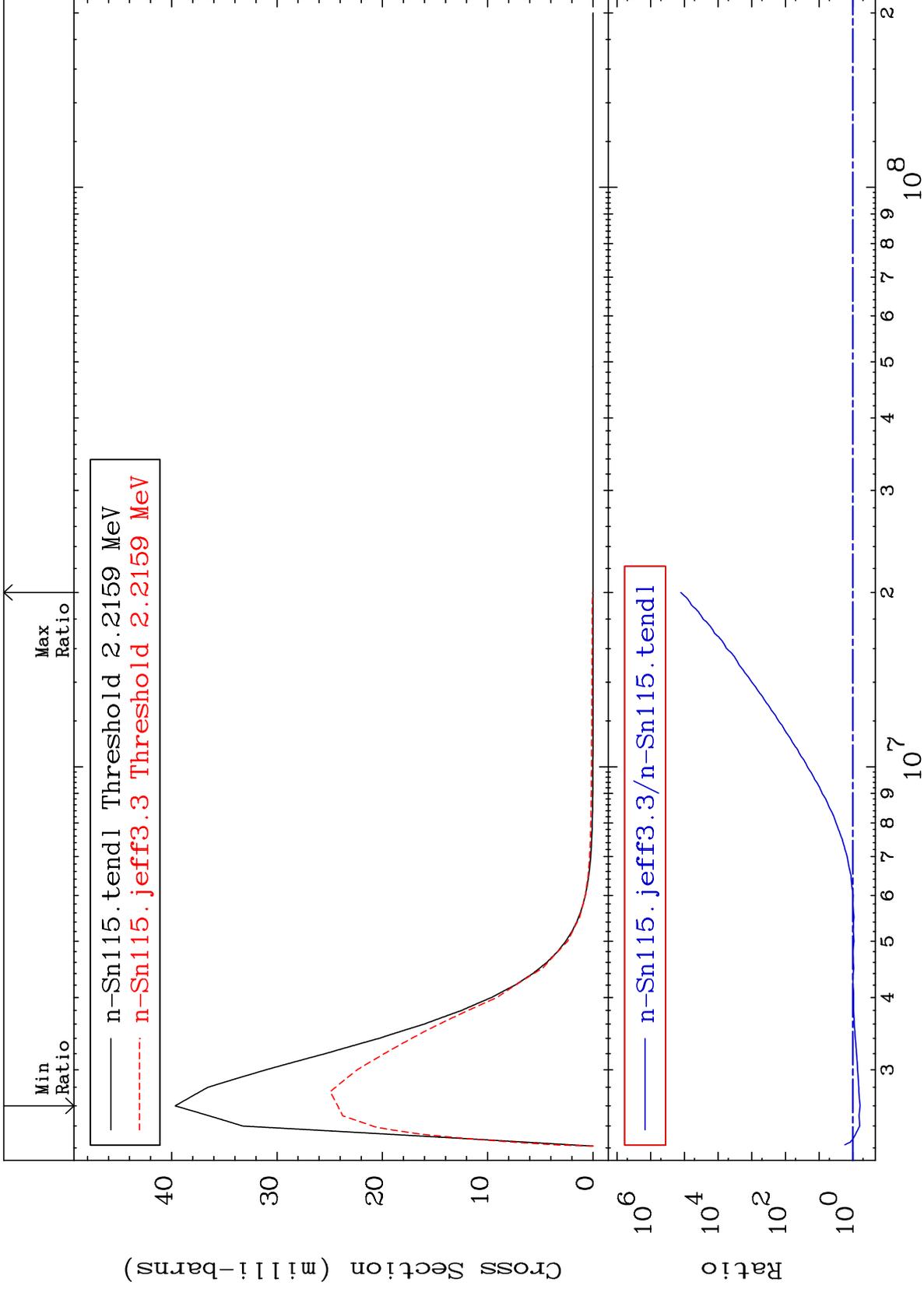
50-Sn-115  
-98.69 To 191.0 %



MAT 5034

MT= 76 (n,n') Level  
Cross Section

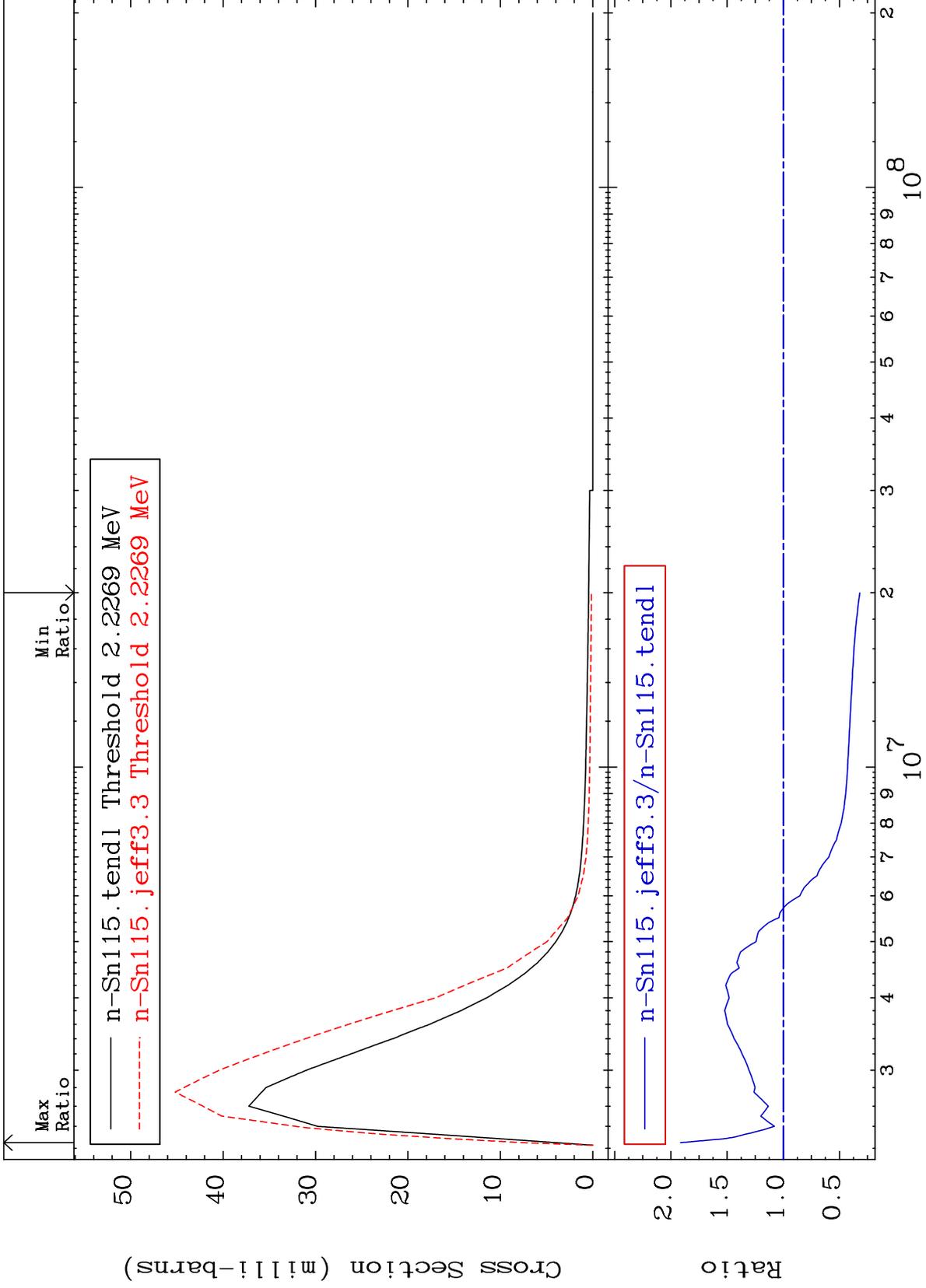
50-Sn-115  
-38.89 To 9999. %



MAT 5034

MT= 77 (n,n') Level  
Cross Section

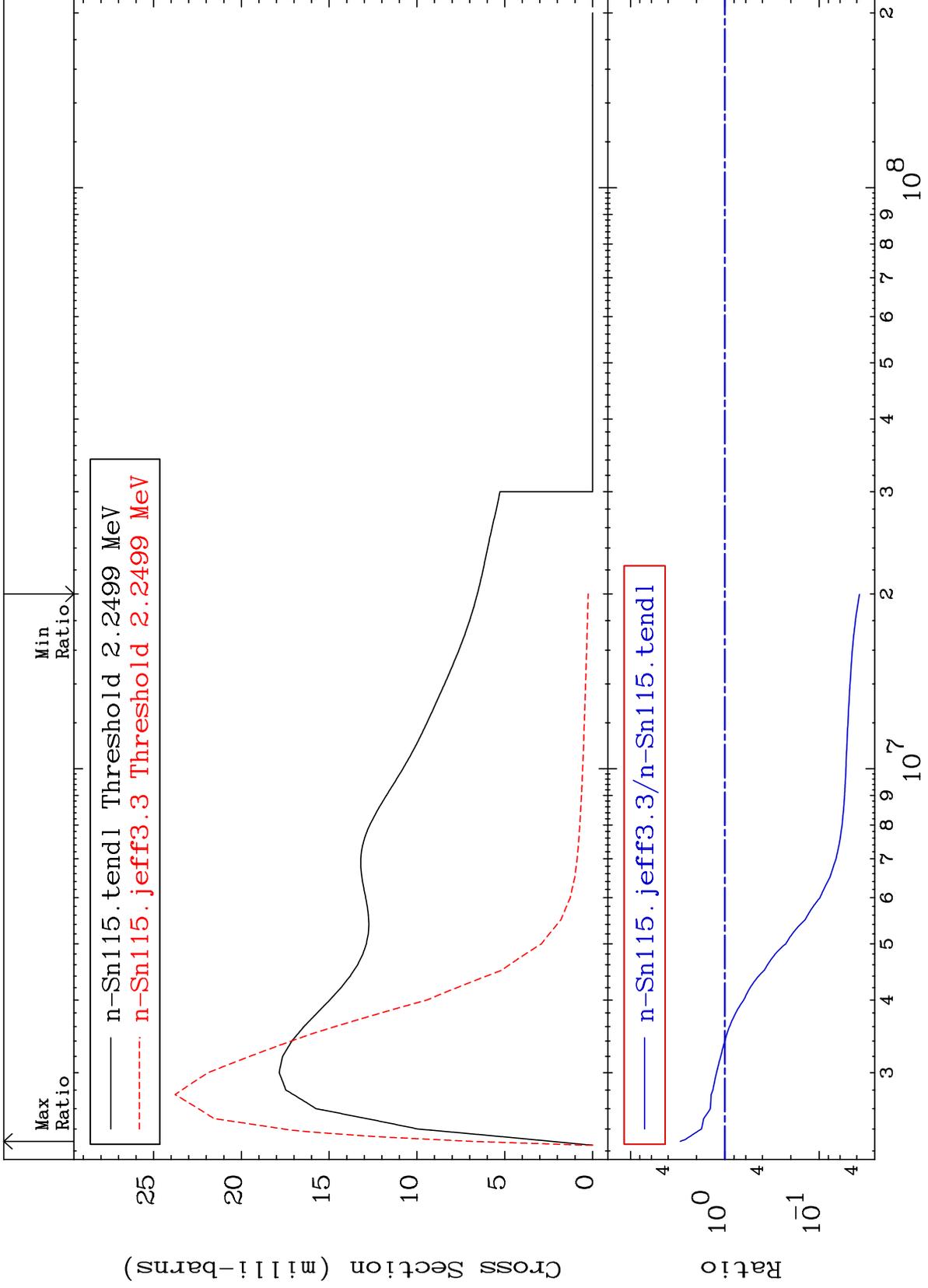
50-Sn-115  
-68.06 To 91.41 %



MAT 5034

MT= 78 (n,n') Level  
Cross Section

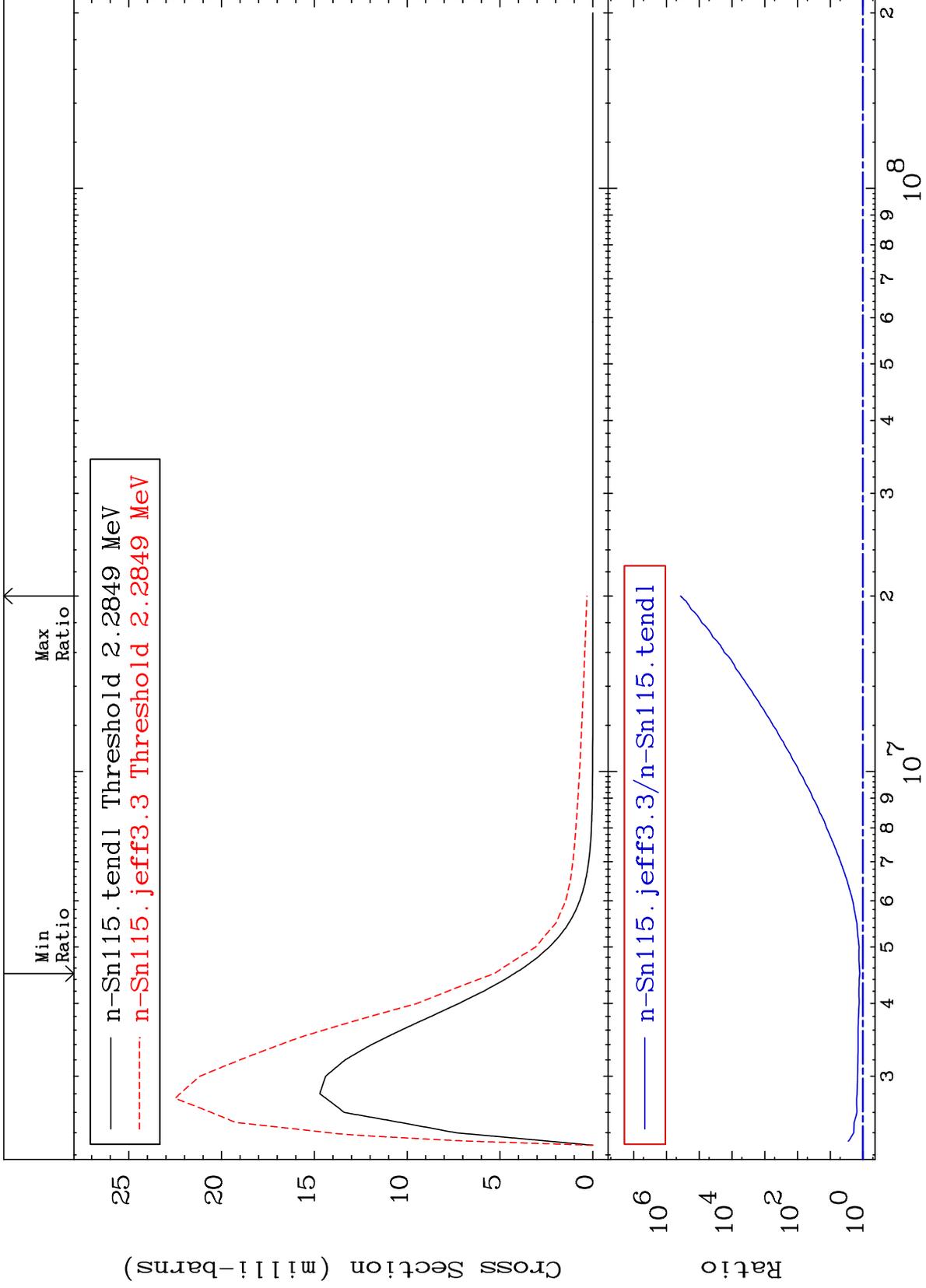
50-Sn-115  
-96.26 To 197.0 %



MAT 5034

MT= 79 (n,n') Level  
Cross Section

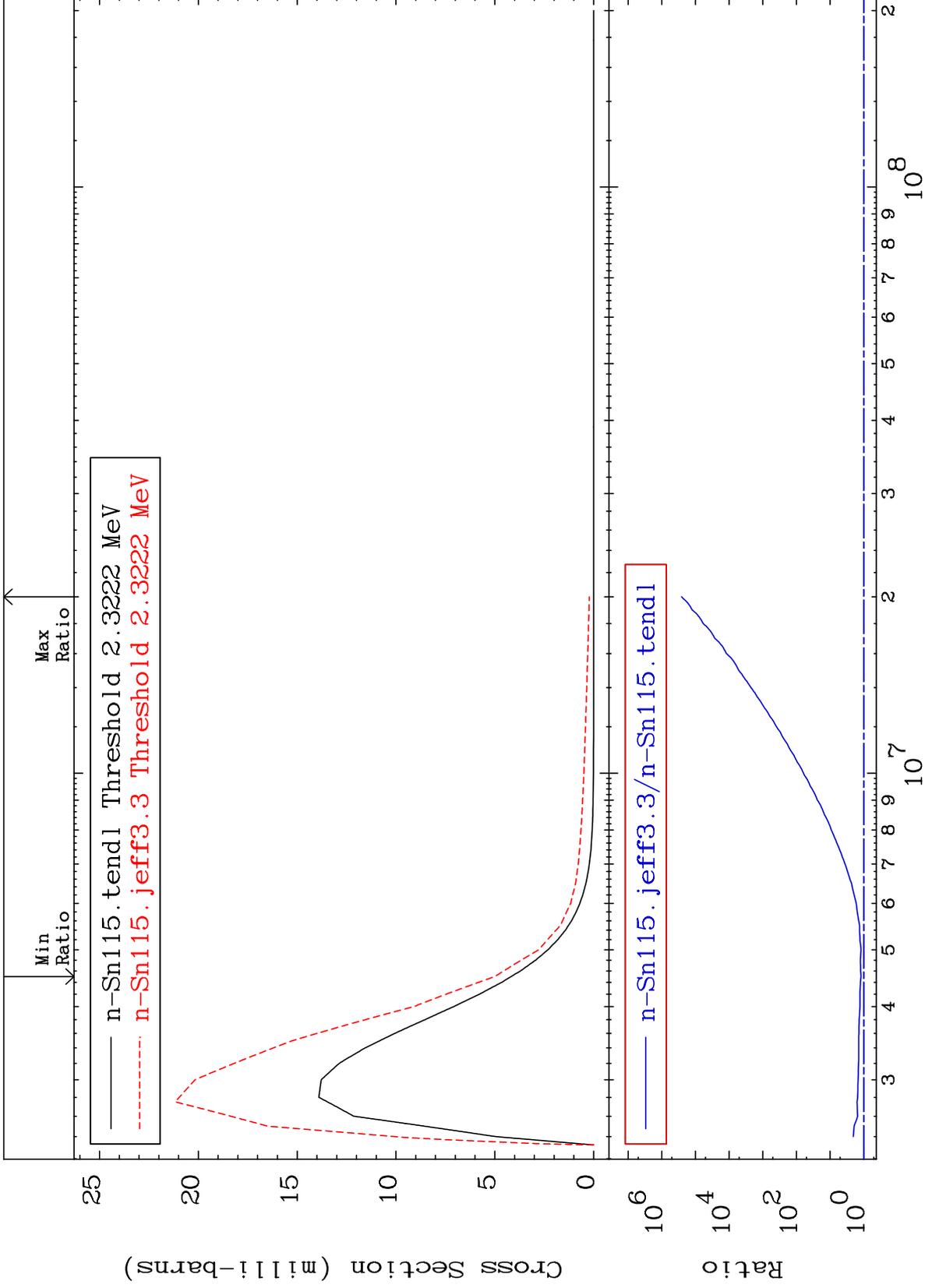
50-Sn-115  
25.44 To 9999. %



MAT 5034

MT= 80 (n,n') Level  
Cross Section

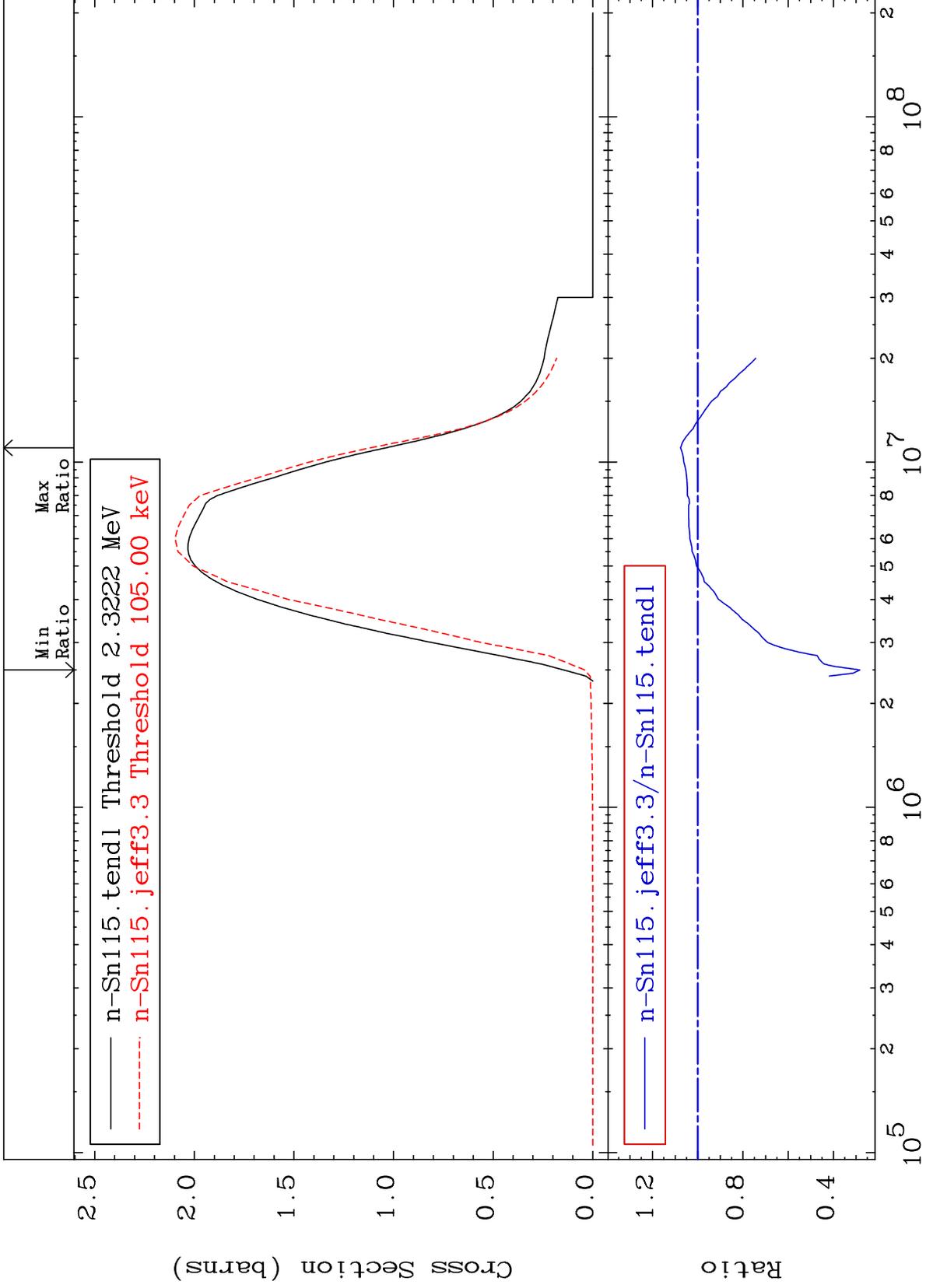
50-Sn-115  
19.72 To 9999. %



MAT 5034

(n, n') Continuum  
Cross Section

50-Sn-115  
-71.68 To 7.628 %



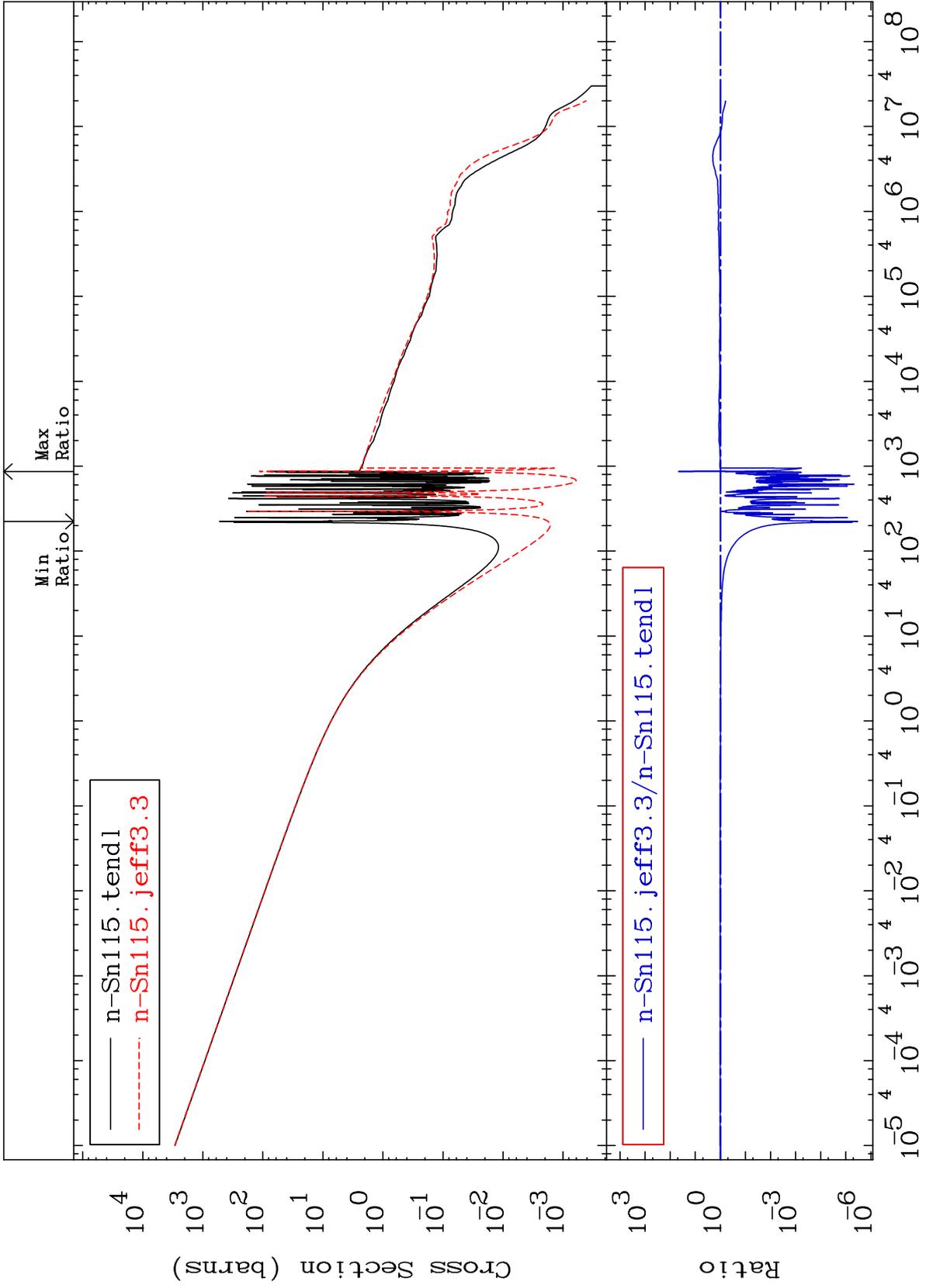
41

Incident Energy (eV)

50-Sn-115

MAT 5034

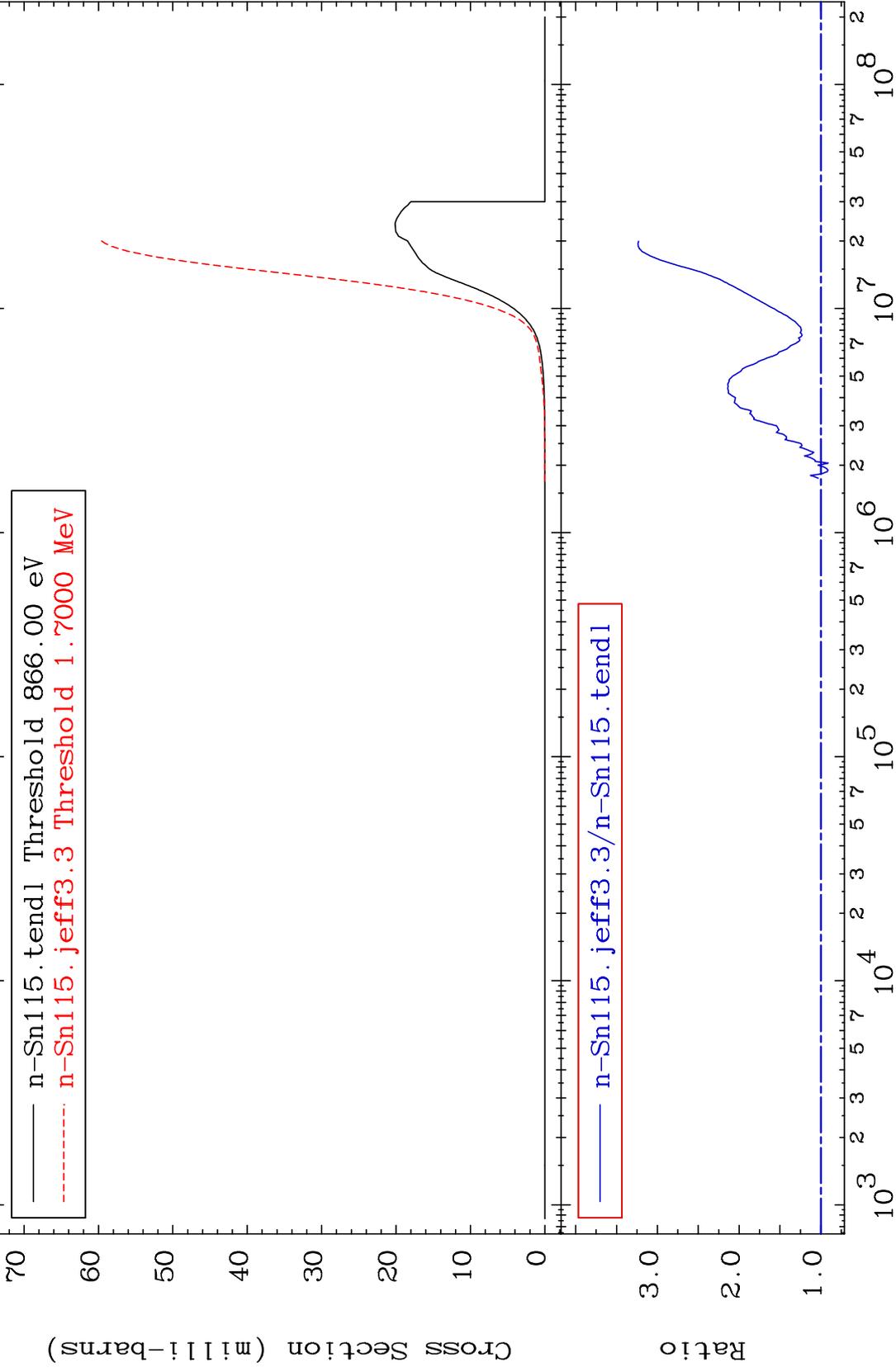
(n,  $\gamma$ )  
Cross Section  
50-Sn-115  
-100.0 To 4429. %



MAT 5034

(n,p)  
Cross Section

50-Sn-115  
-9.004 To 223.8 %



50-Sn-115

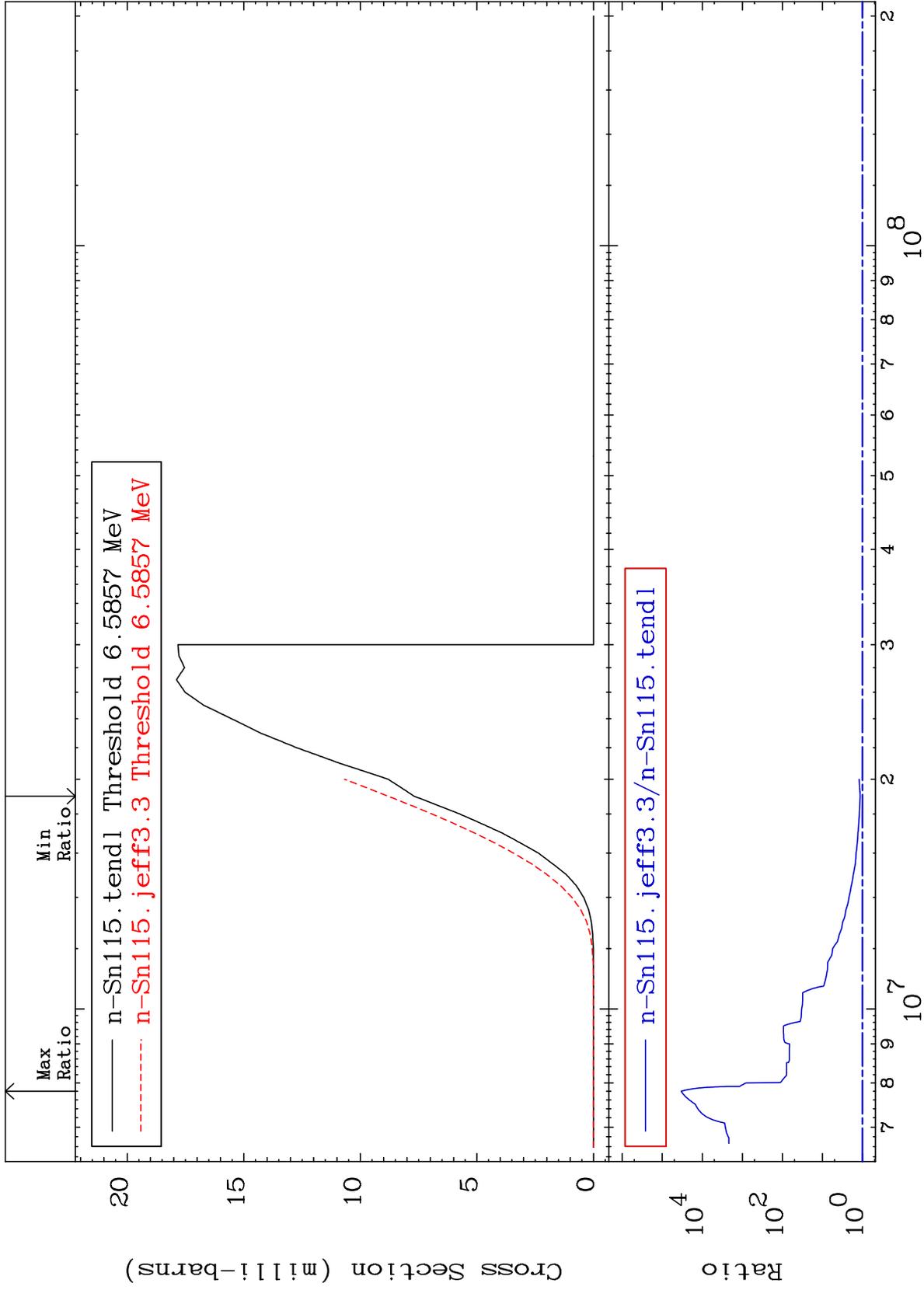
MAT 5034

(n, d)

50-Sn-115

Cross Section

14.52 To 9999. %



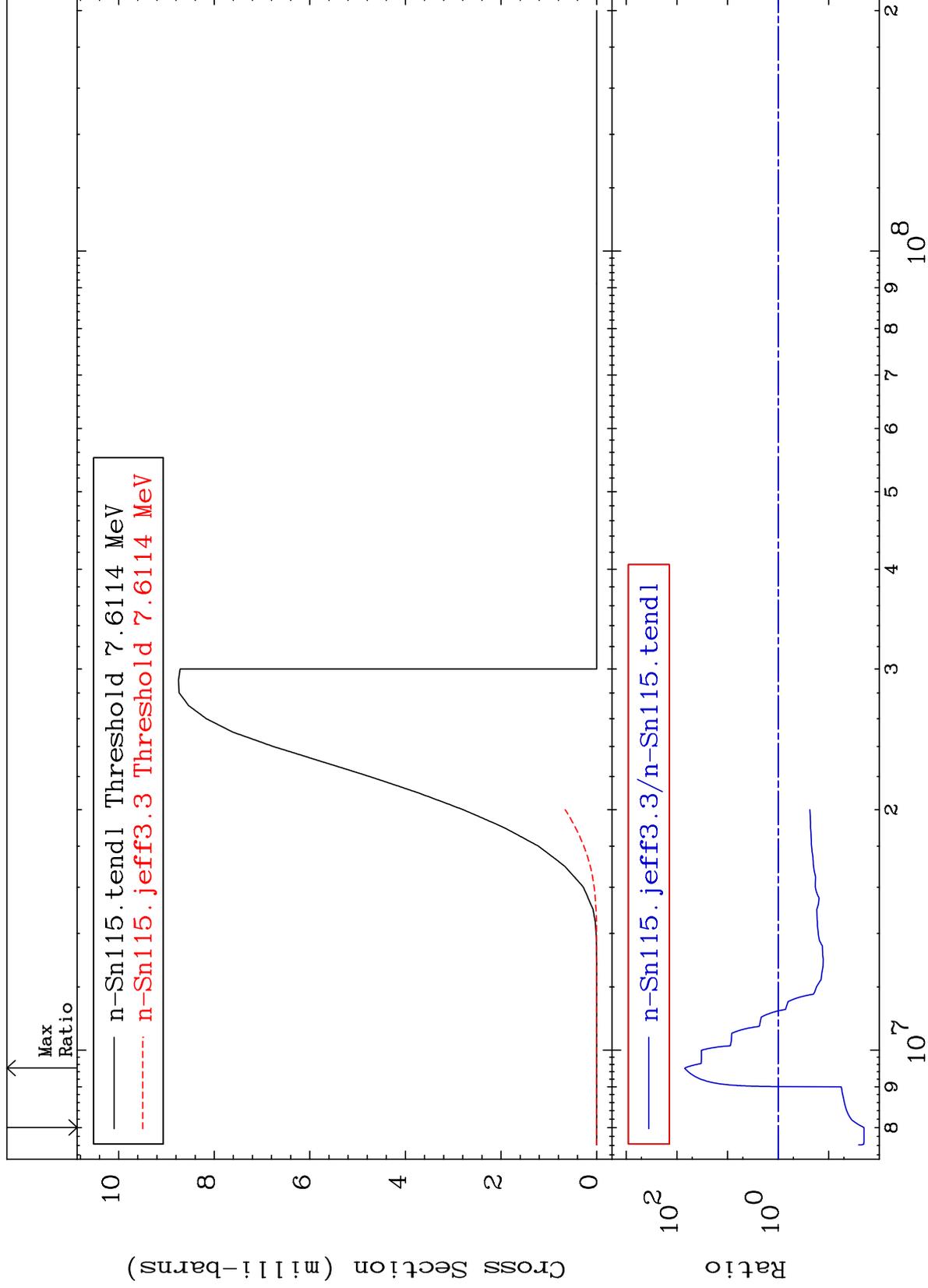
MAT 5034

(n, t)

50-Sn-115

Cross Section

-97.99 To 6959. %



45

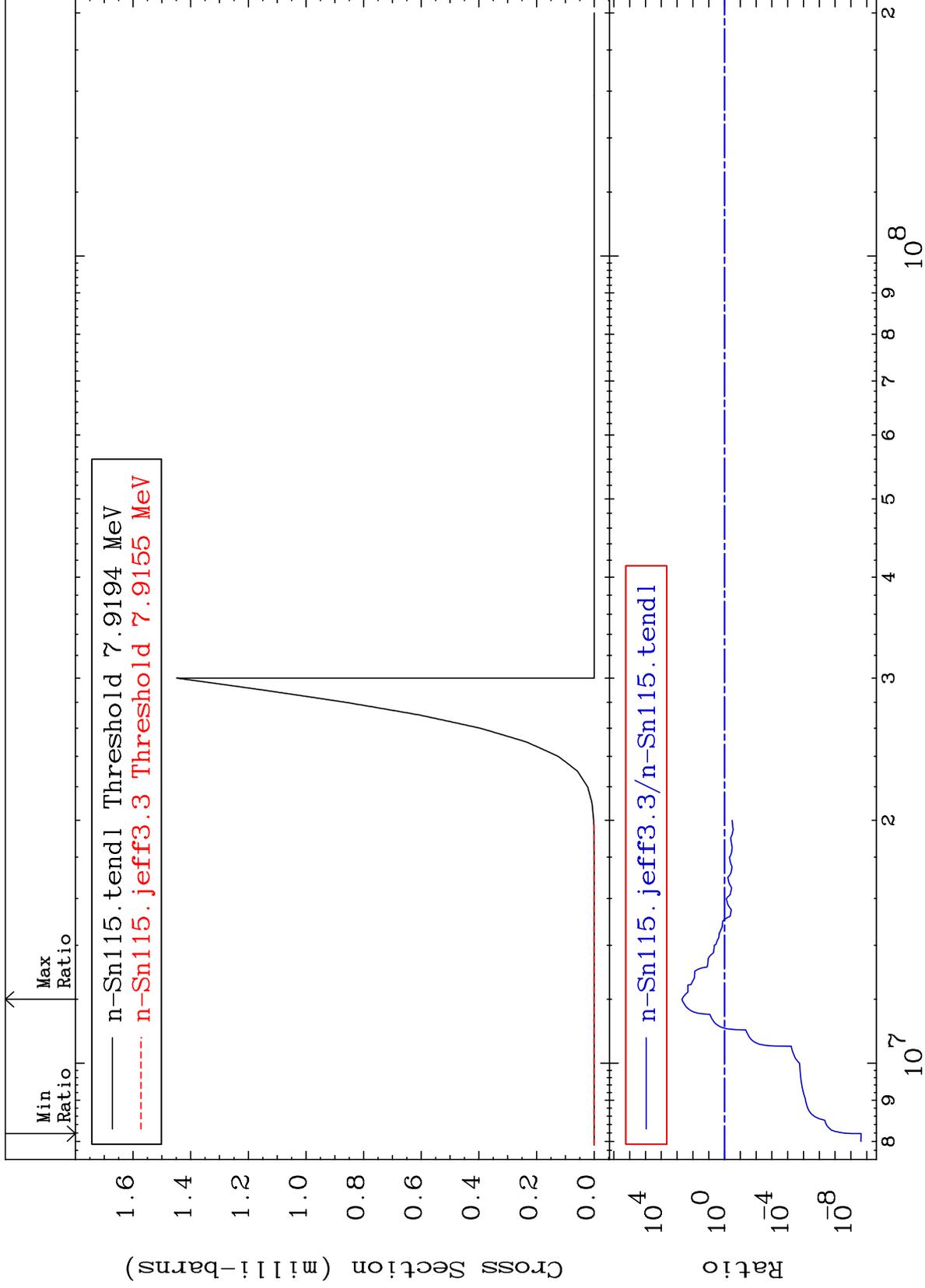
MAT 5034

(n, He-3)

50-Sn-115

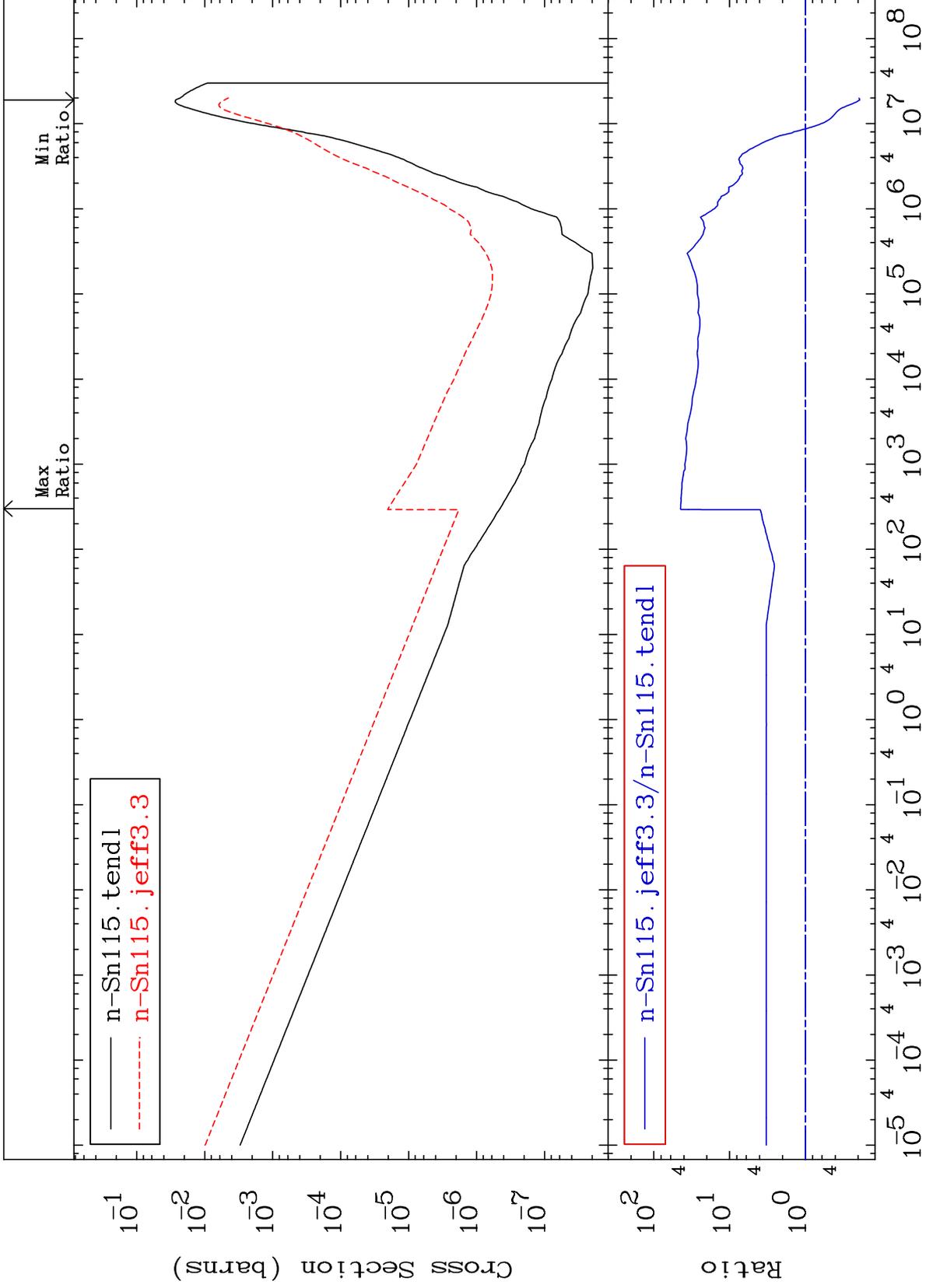
Cross Section

-100.0 To 9999. %



MAT 5034

(n,  $\alpha$ )  
Cross Section  
50-Sn-115  
-80.95 To 4336. %



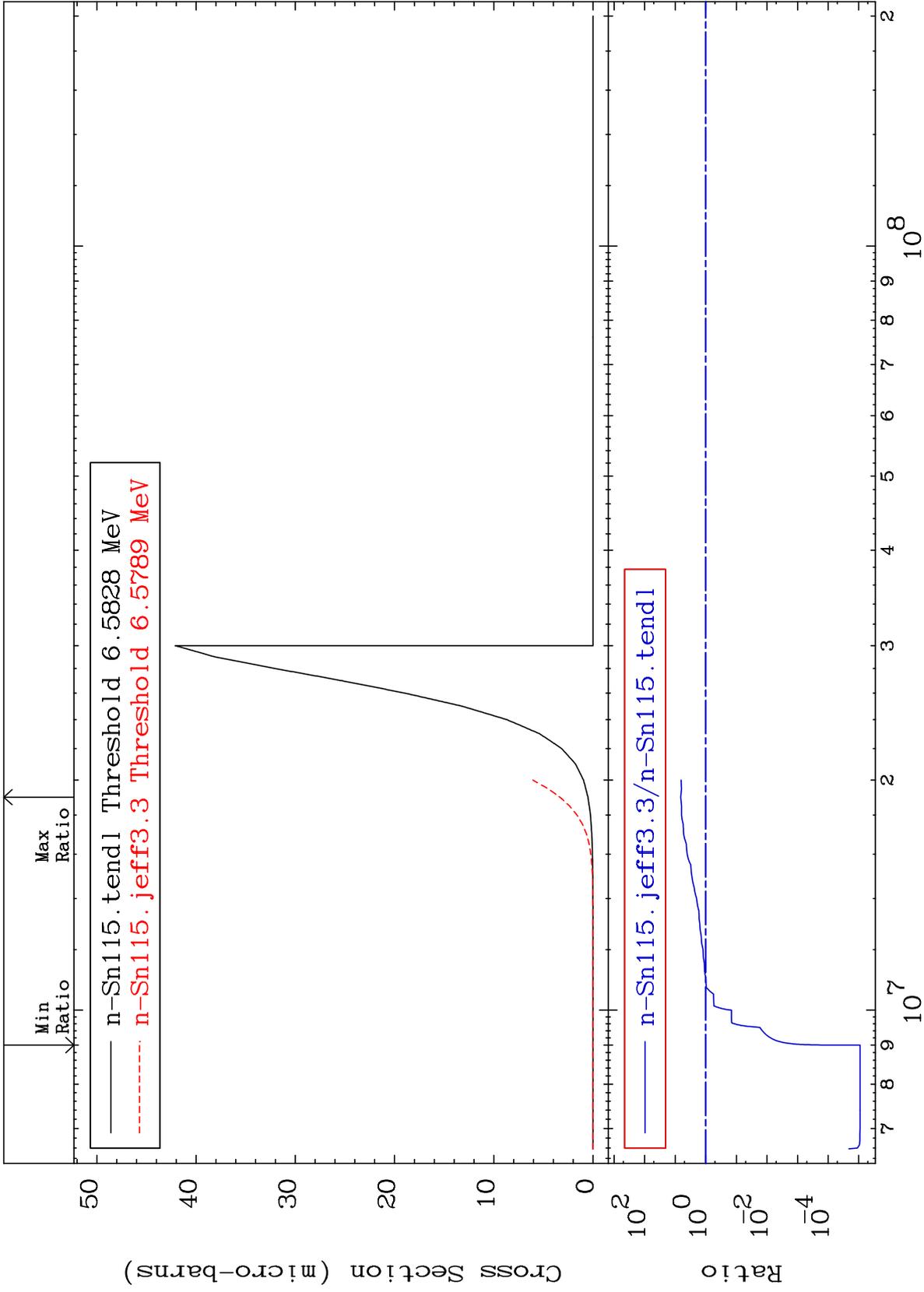
MAT 5034

(n,2p)

50-Sn-115

Cross Section

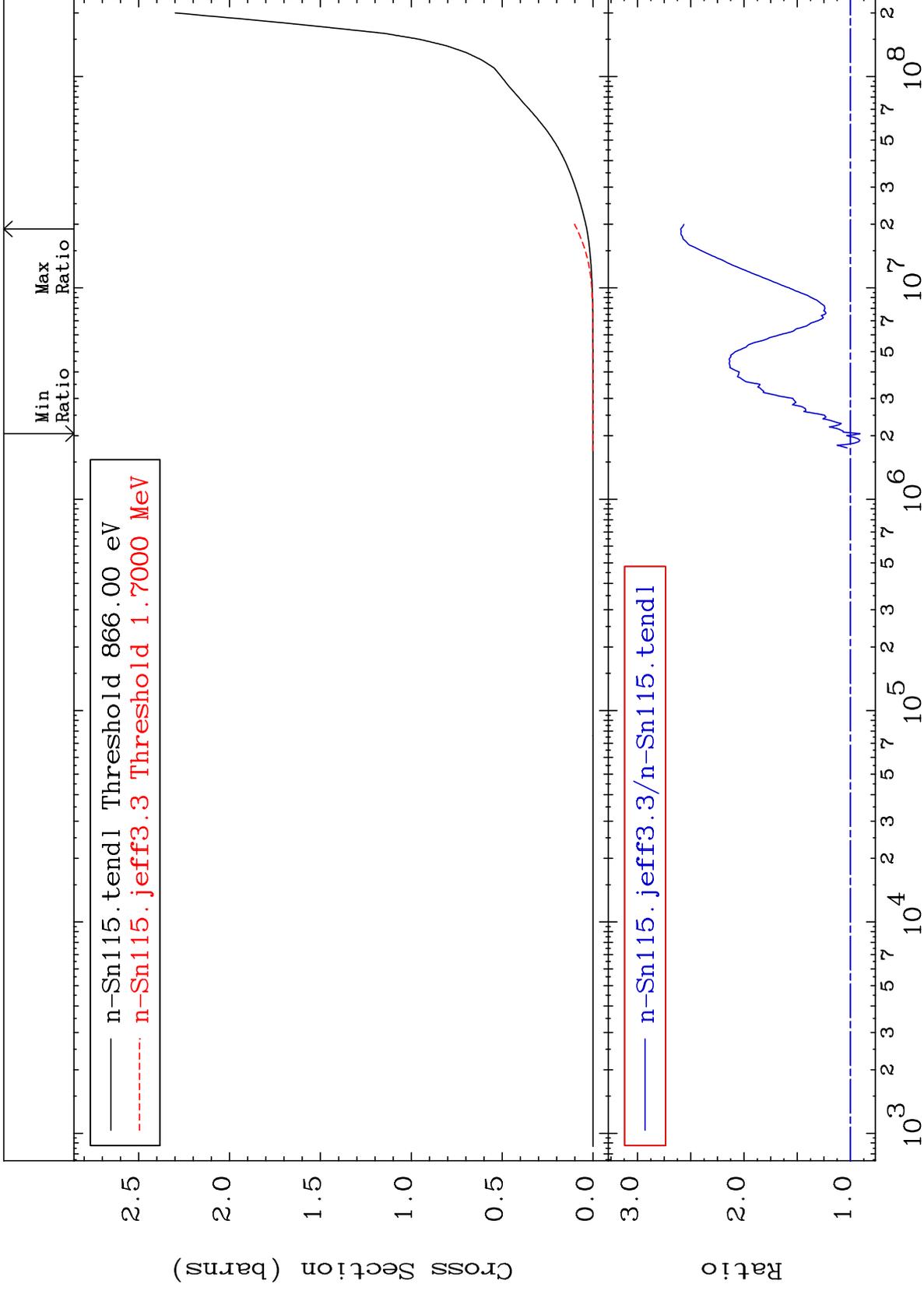
-100.0 To 560.1 %



MAT 5034

Hydrogen Production  
Cross Section

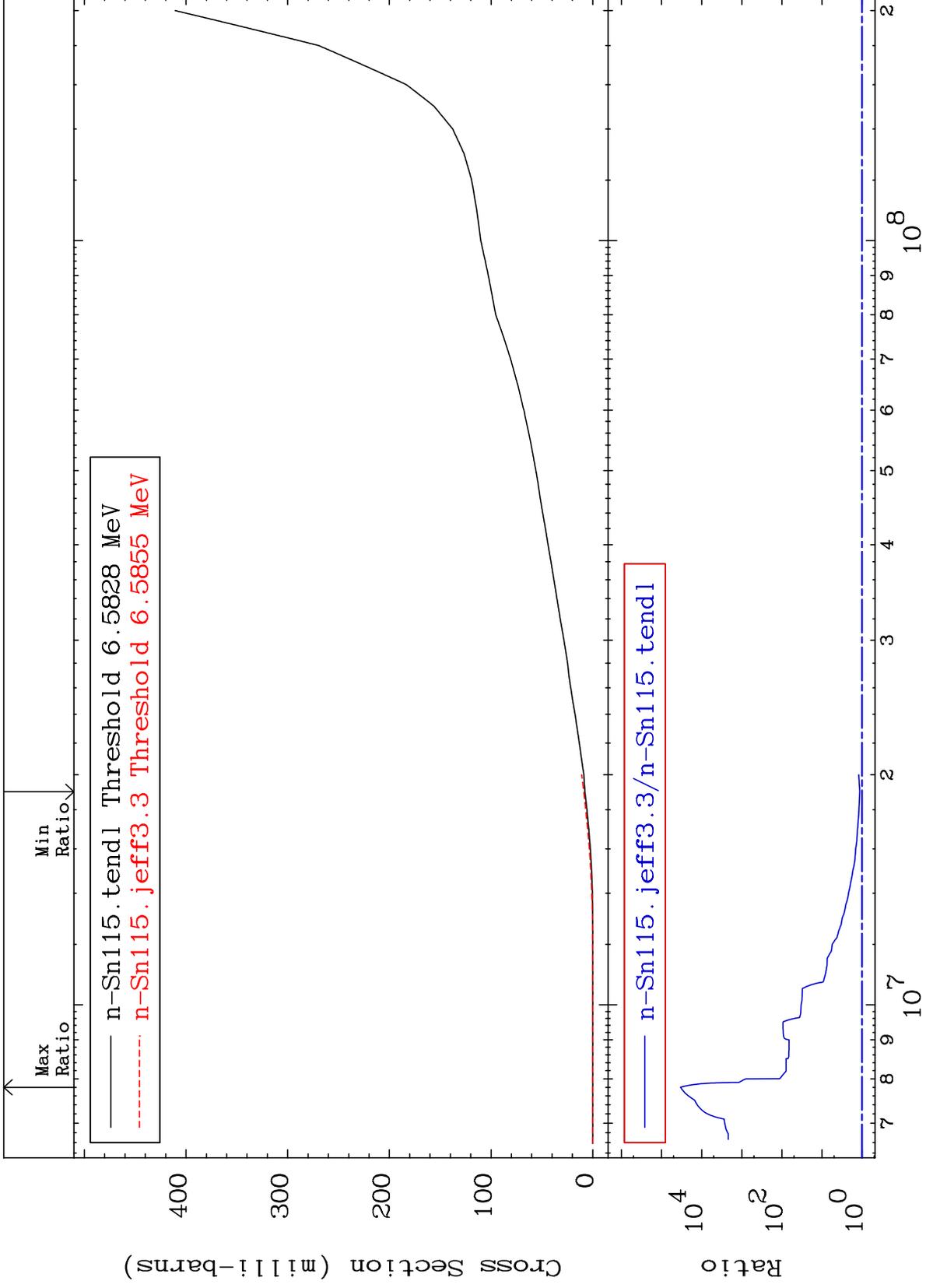
50-Sn-115  
-9.004 To 159.4 %



MAT 5034

Deuterium Production  
Cross Section

50-Sn-115  
14.66 To 9999. %



50

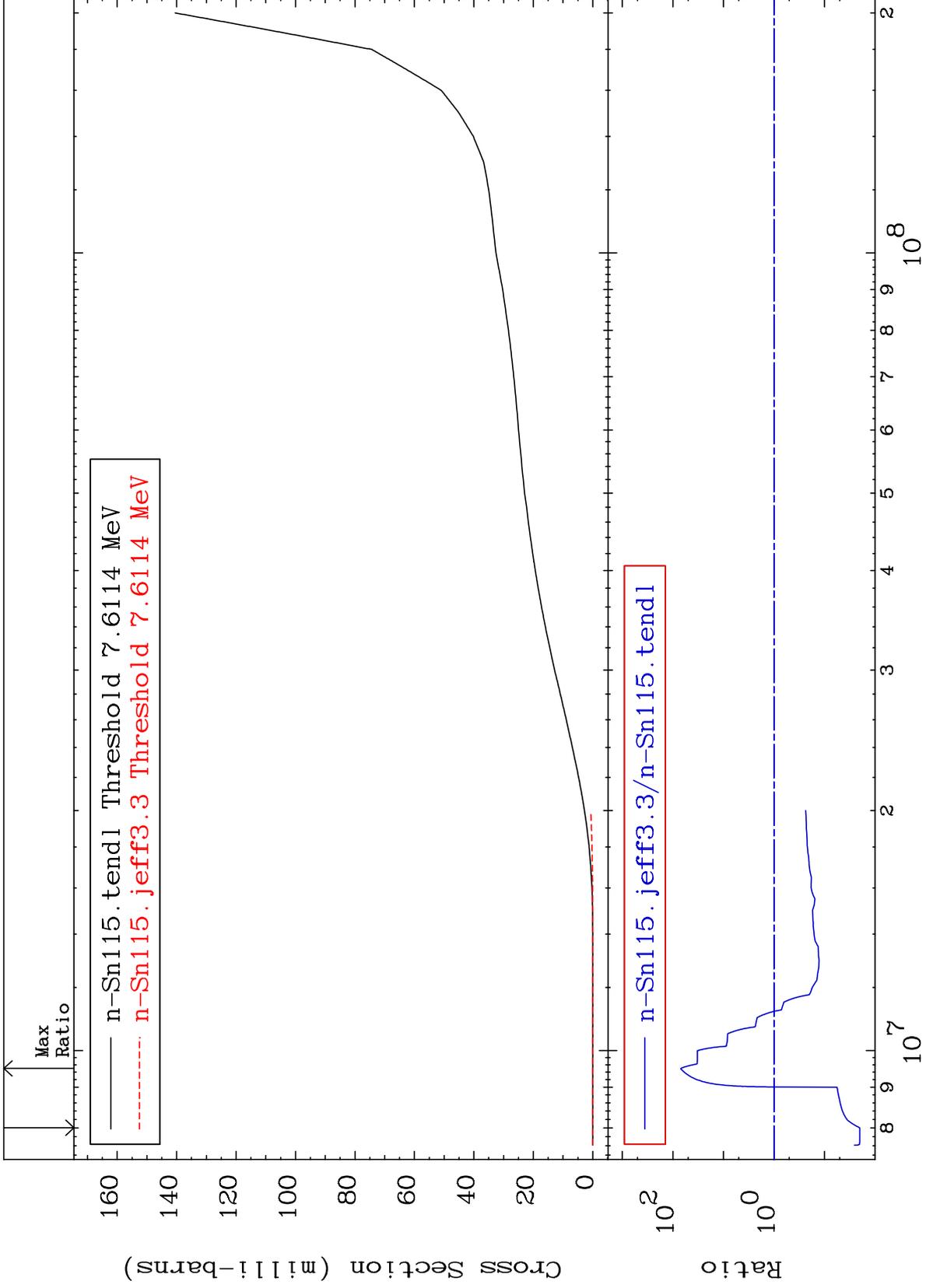
Incident Energy (eV)

50-Sn-115

MAT 5034

Tritium Production  
Cross Section

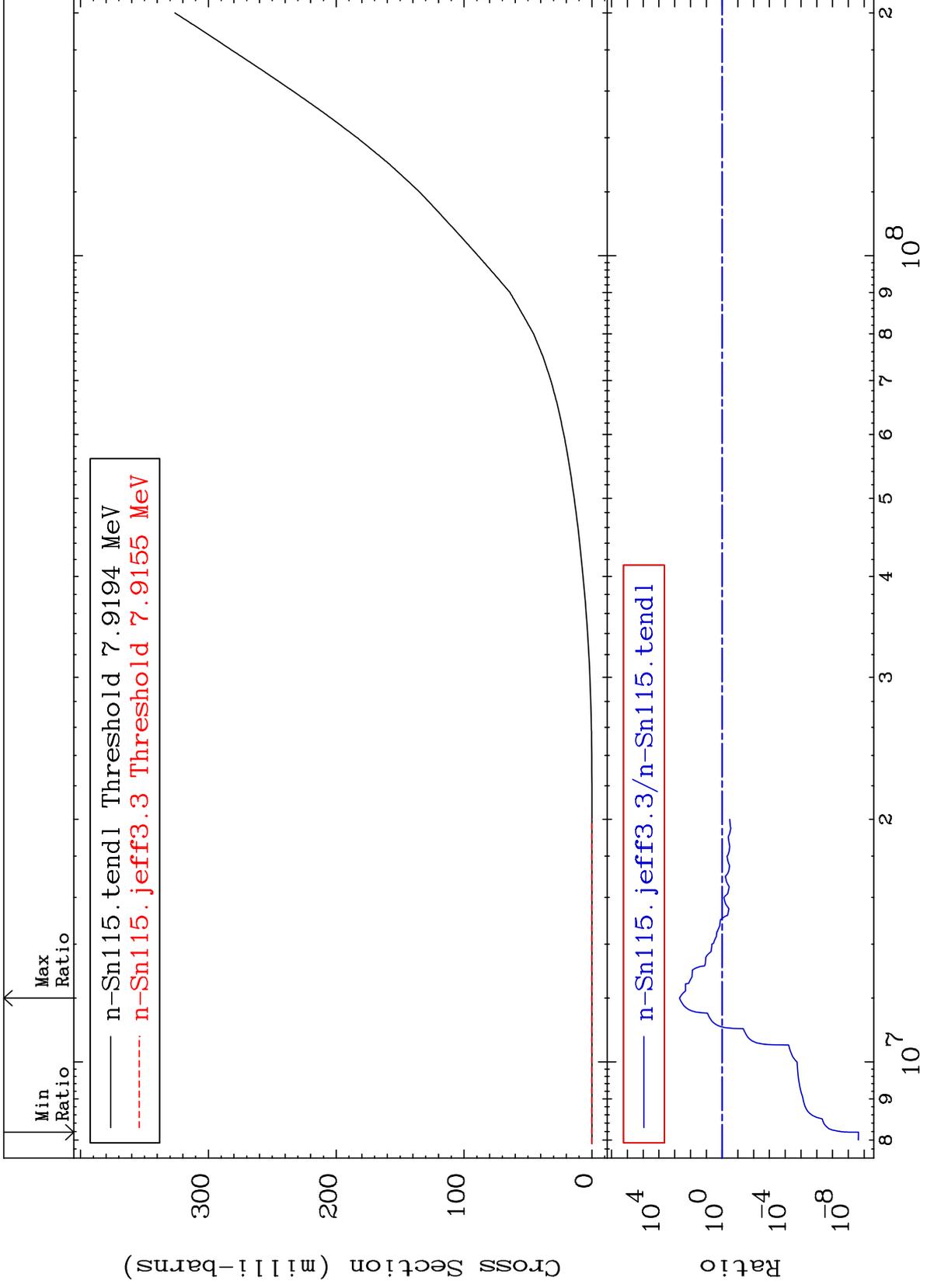
50-Sn-115  
-97.99 To 6959. %



MAT 5034

He-3 Production  
Cross Section

50-Sn-115  
-100.0 To 9999. %



52

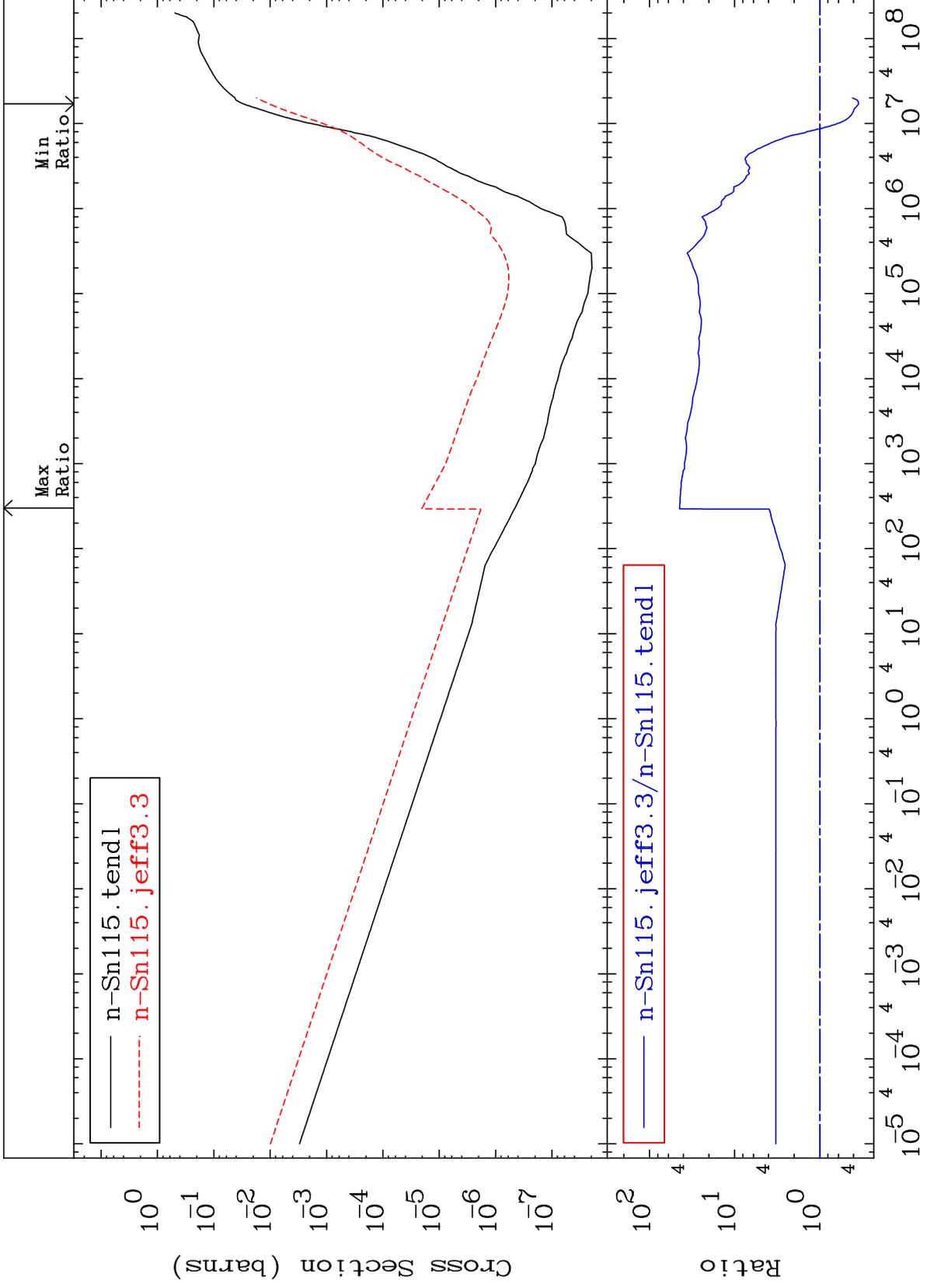
Incident Energy (eV)

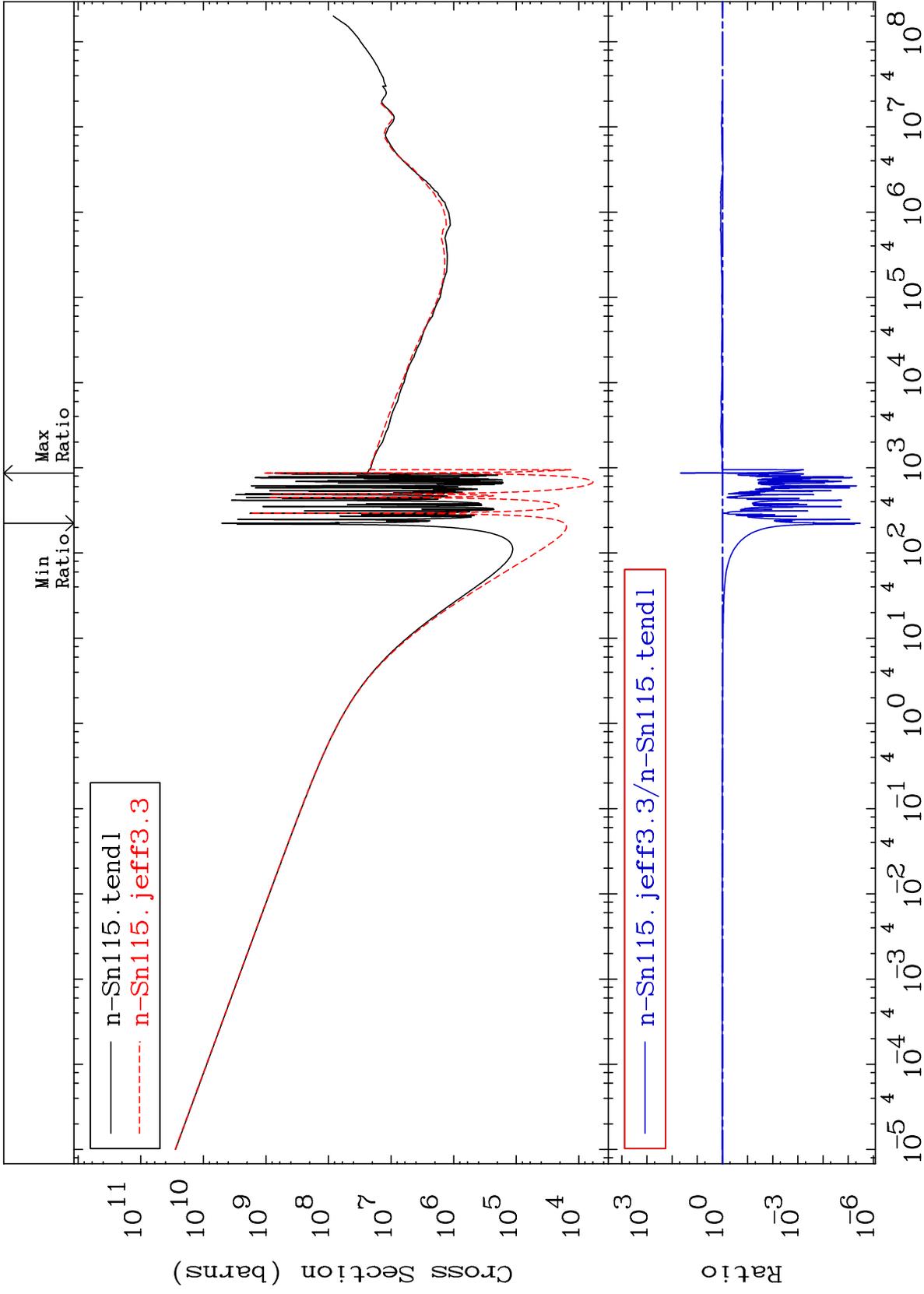
50-Sn-115

MAT 5034

He-4 Production  
Cross Section

50-Sn-115  
-65.07 To 4336. %

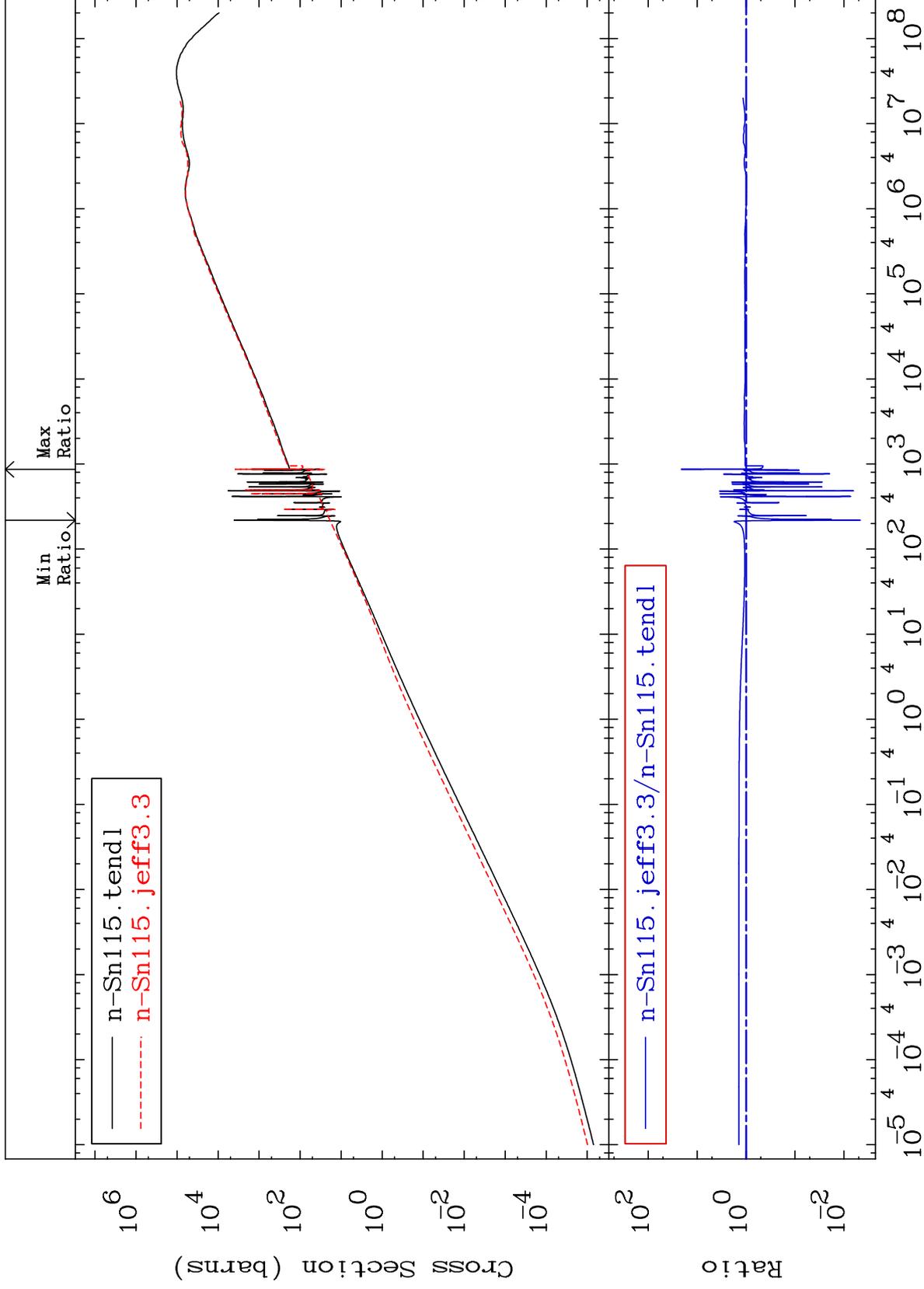




MAT 5034

Kerma elastic  
Cross Section

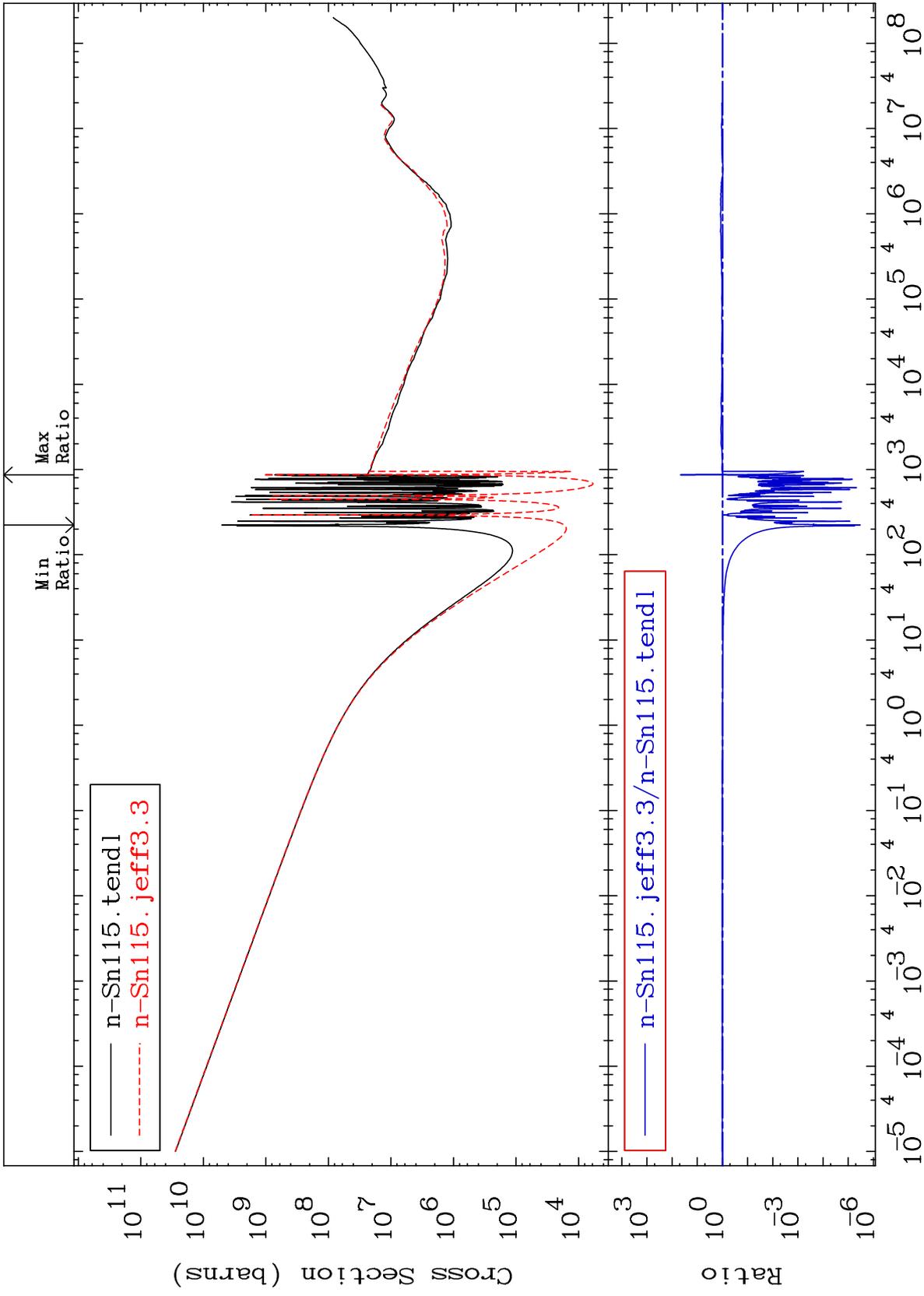
50-Sn-115  
-99.53 To 2023. %



55

Incident Energy (eV)

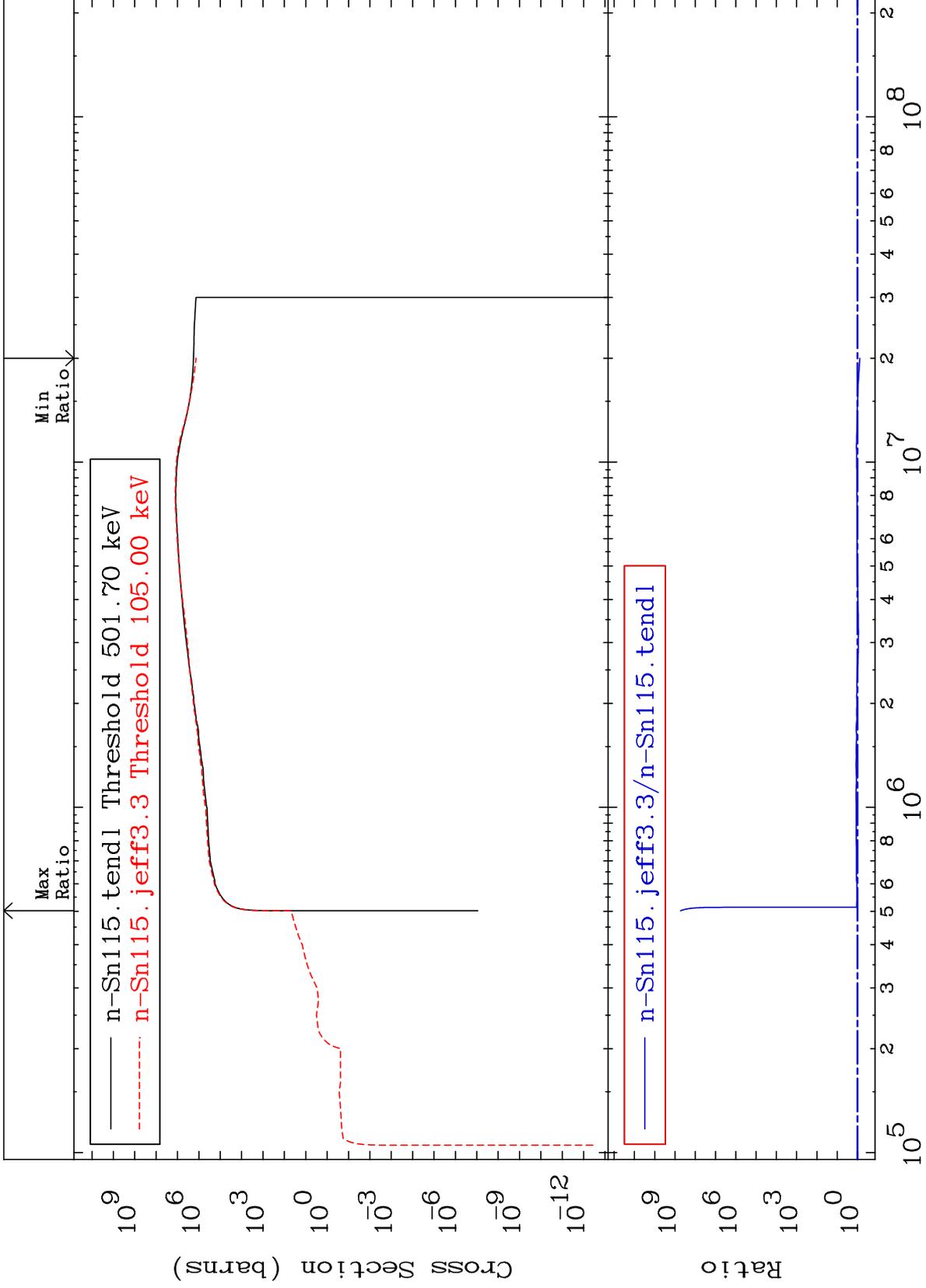
50-Sn-115



MAT 5034

Kerma inelastic (mt51-91)  
Cross Section

50-Sn-115  
-23.42 To 9999. %



57

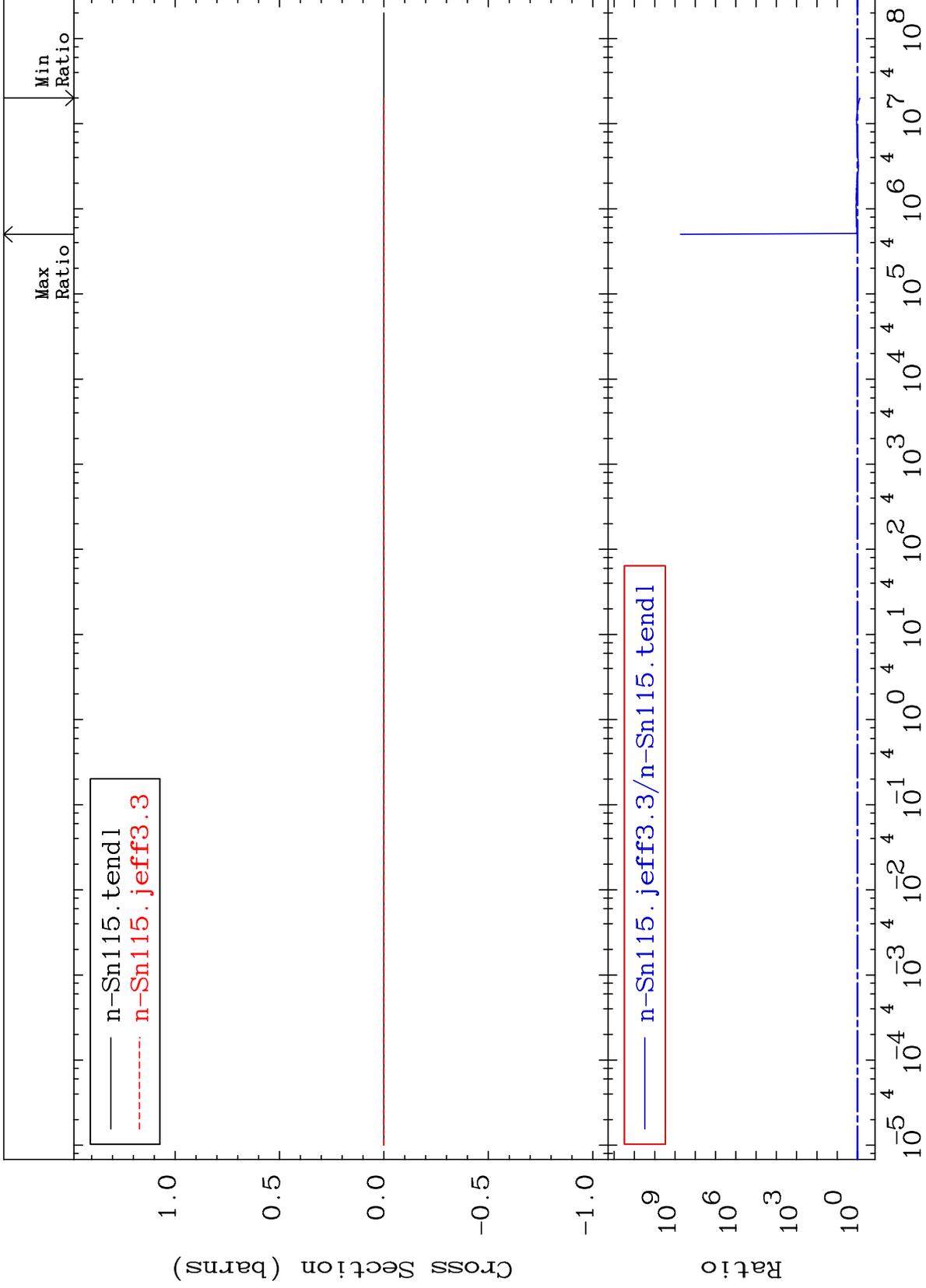
Incident Energy (eV)

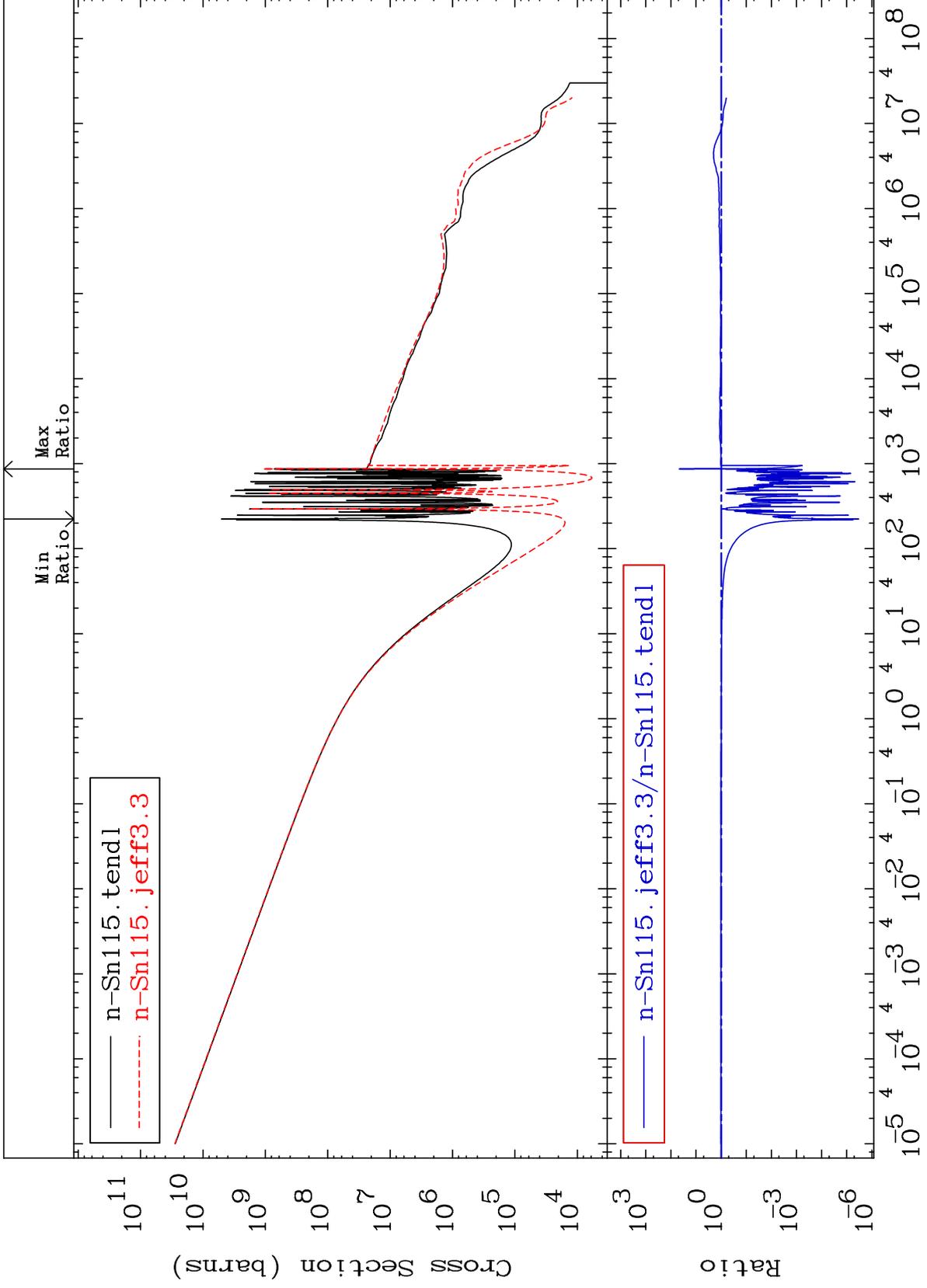
50-Sn-115

MAT 5034

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

50-Sn-115  
-23.42 To 9999. %



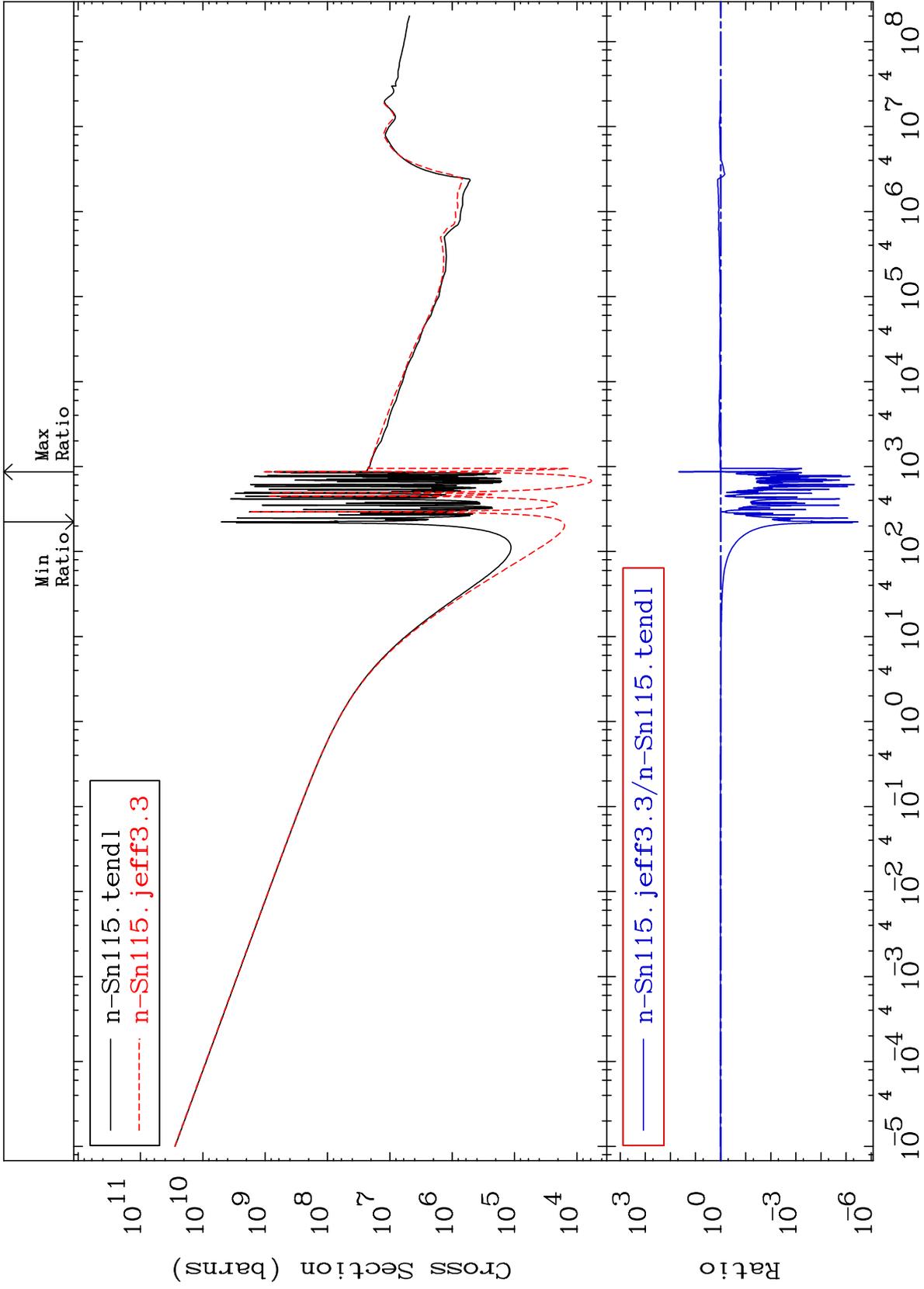


MAT 5034

Total photon (eV-barns)

50-Sn-115

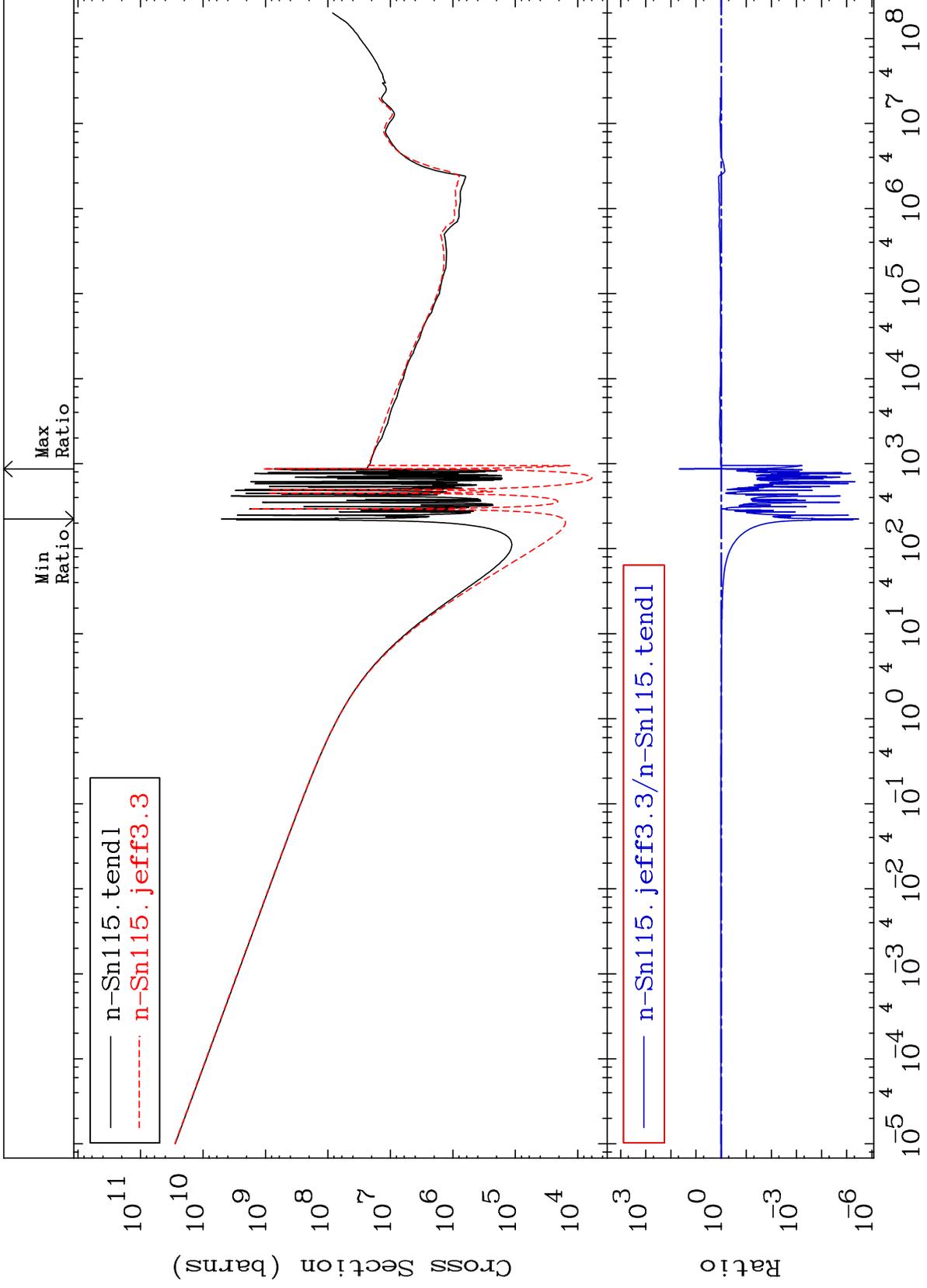
-100.0 To 4435. %



MAT 5034

Total kinematic kerma (high limit)  
Cross Section

50-Sn-115  
-100.0 To 4435. %

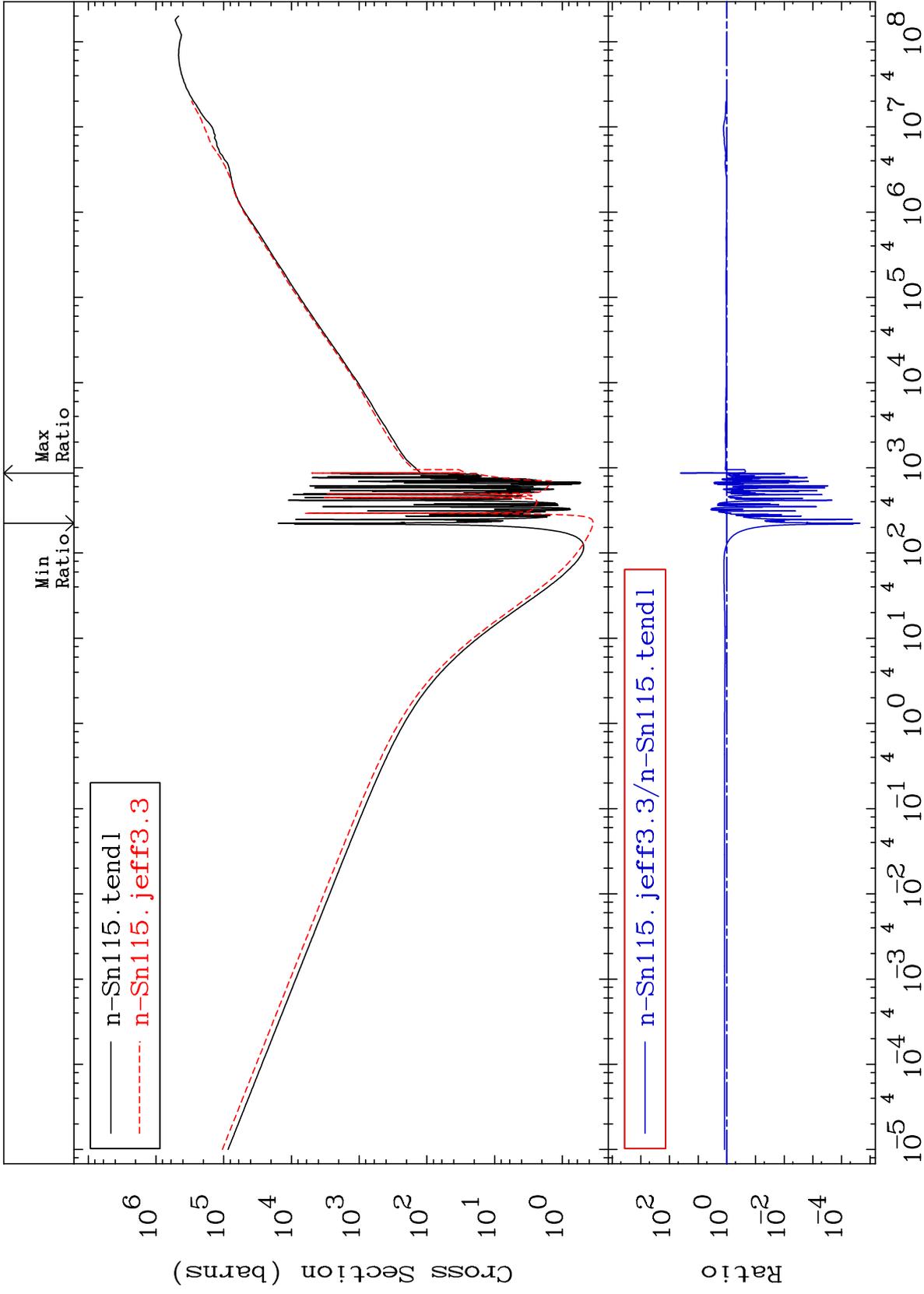


MAT 5034

Dpa total (eV-barns)

50-Sn-115

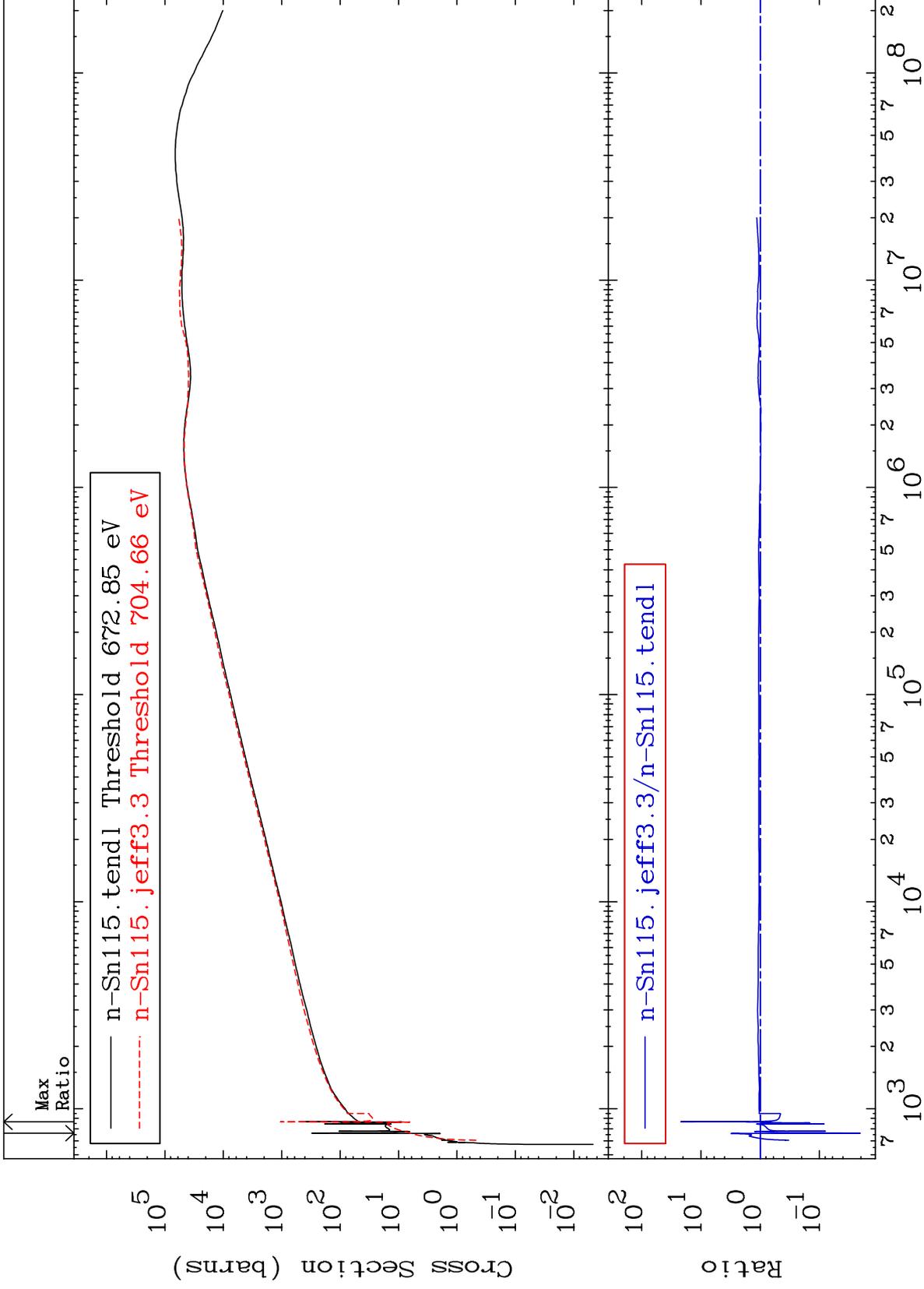
-100.0 To 3957. %



MAT 5034

Dpa elastic (mt2)  
Cross Section

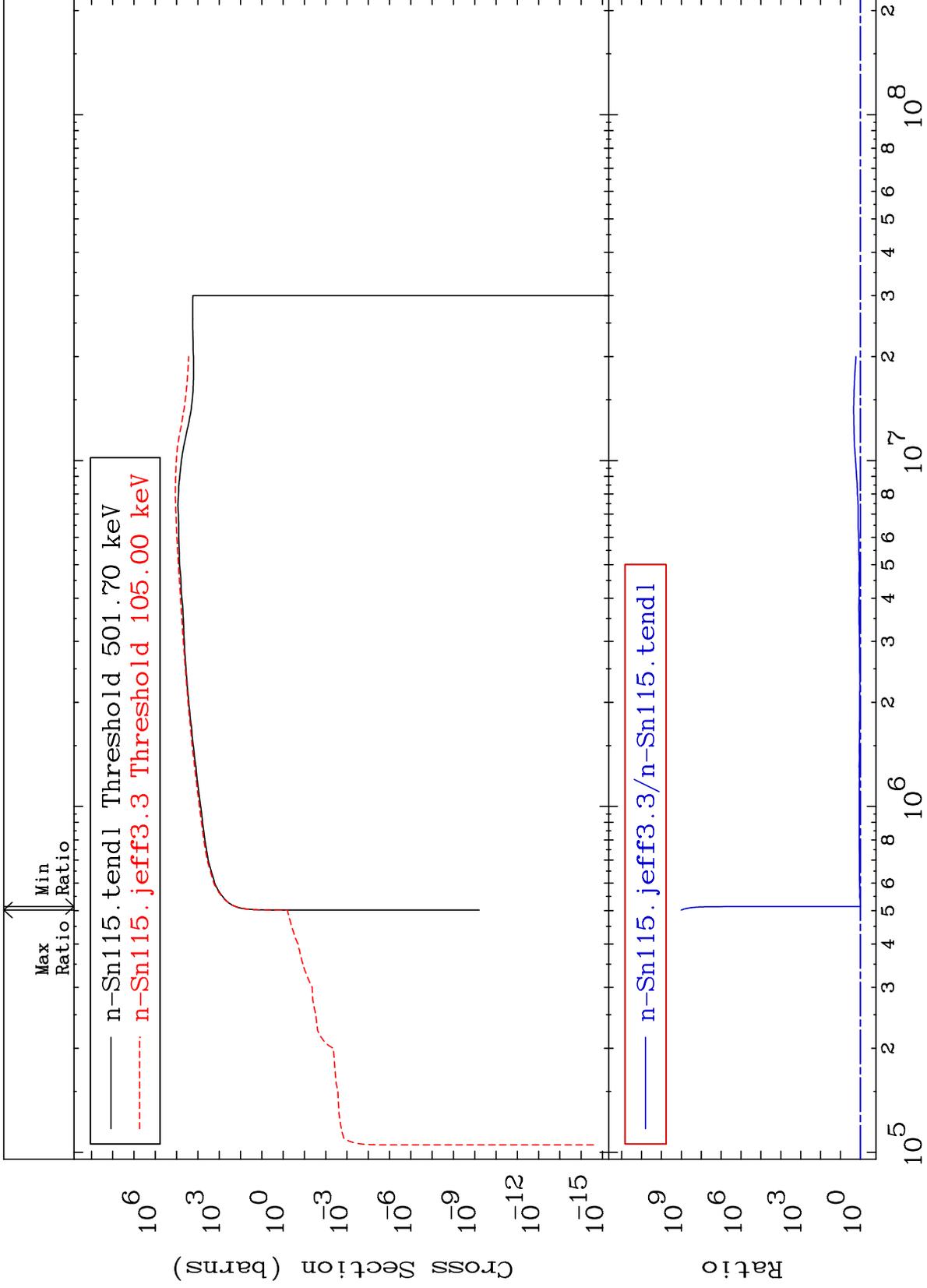
50-Sn-115  
-97.94 To 2090. %



MAT 5034

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-115  
-3.933 To 9999. %



64

Incident Energy (eV)

50-Sn-115

MAT 5034

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-115  
-100.0 To 5165. %

