

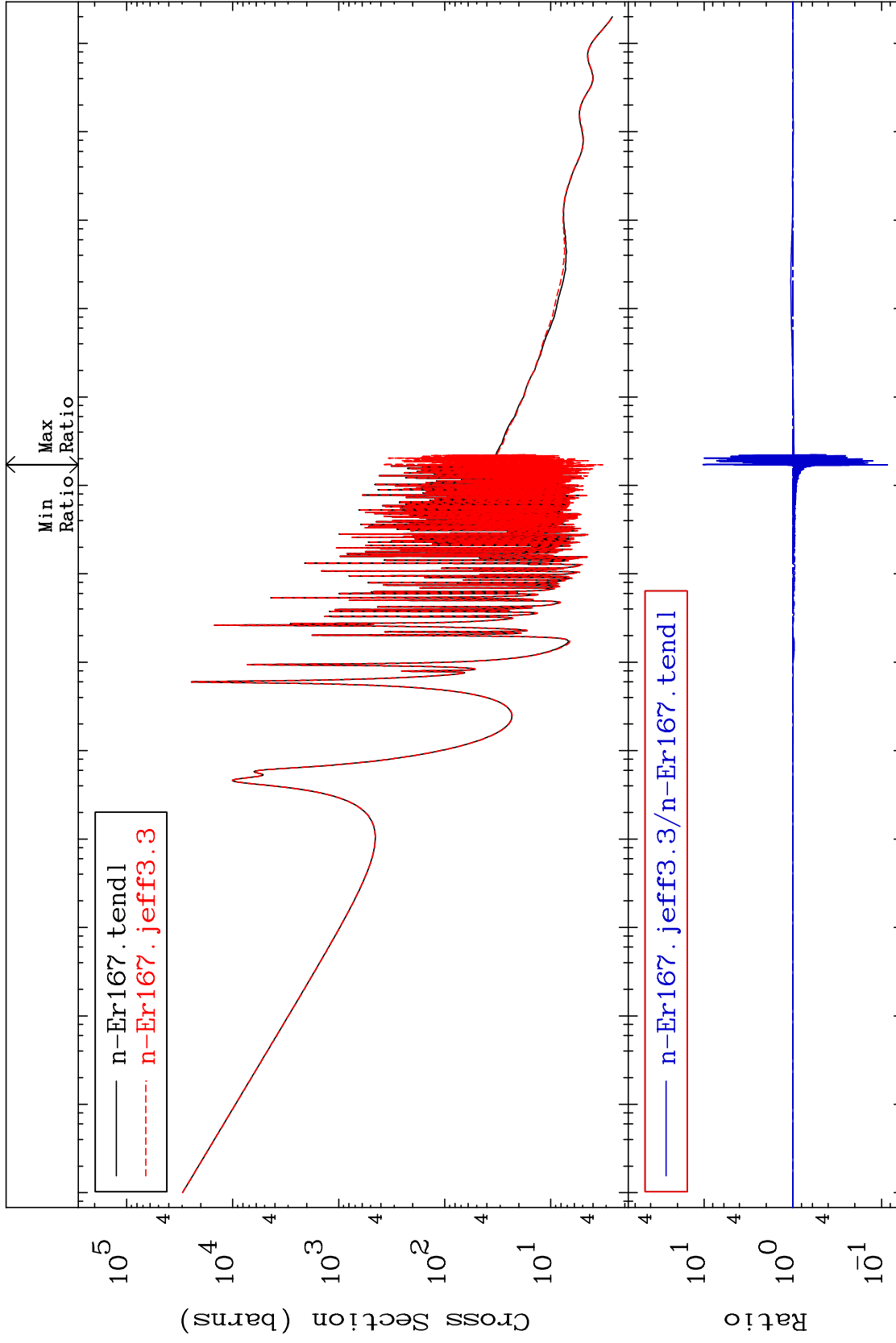
MAT 6840

Total

68-Er-167

Cross Section

-91.41 To 932.3 %



Incident Energy (eV)

68-Er-167

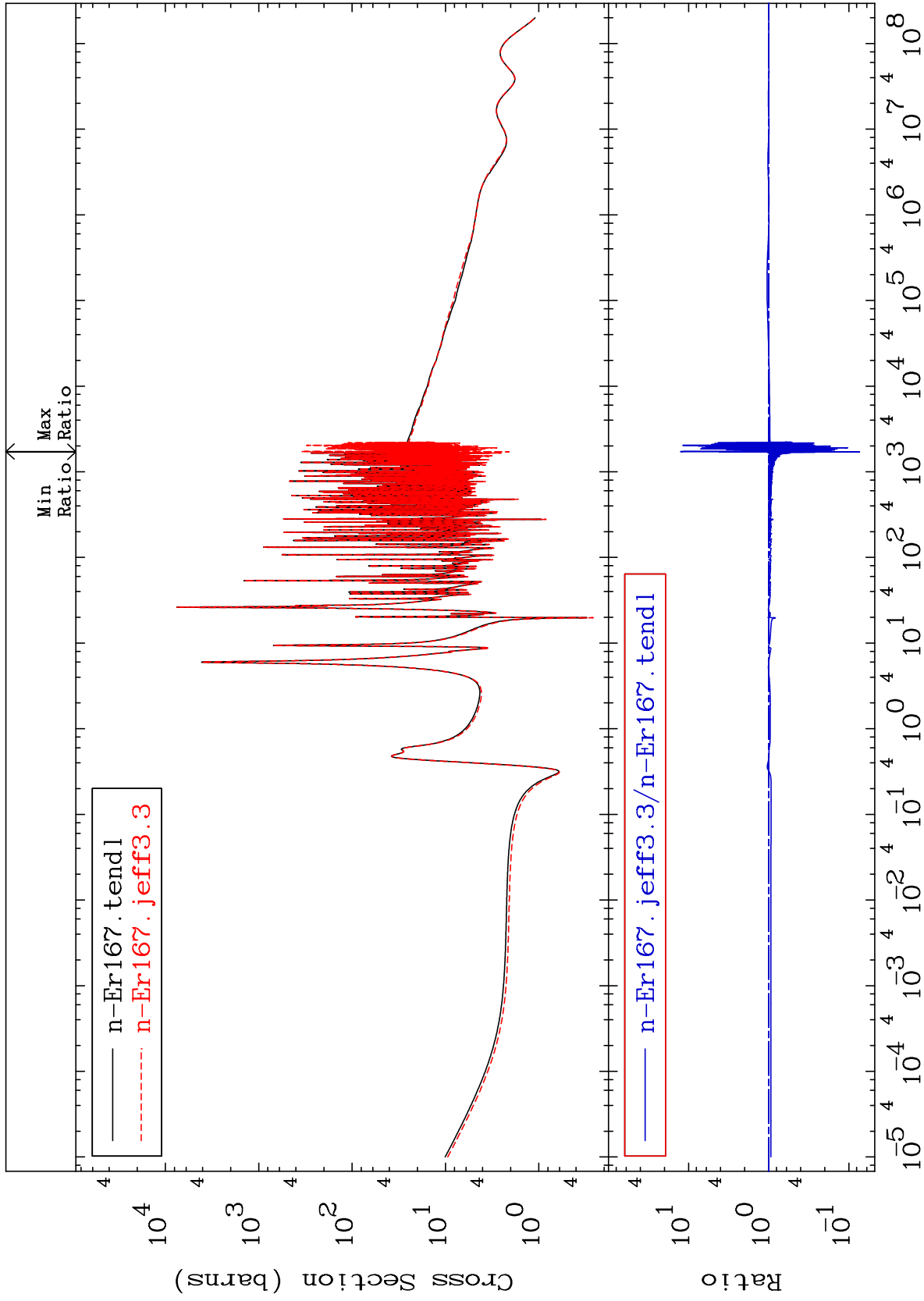
MAT 6840

Elastic

68-Er-167

Cross Section

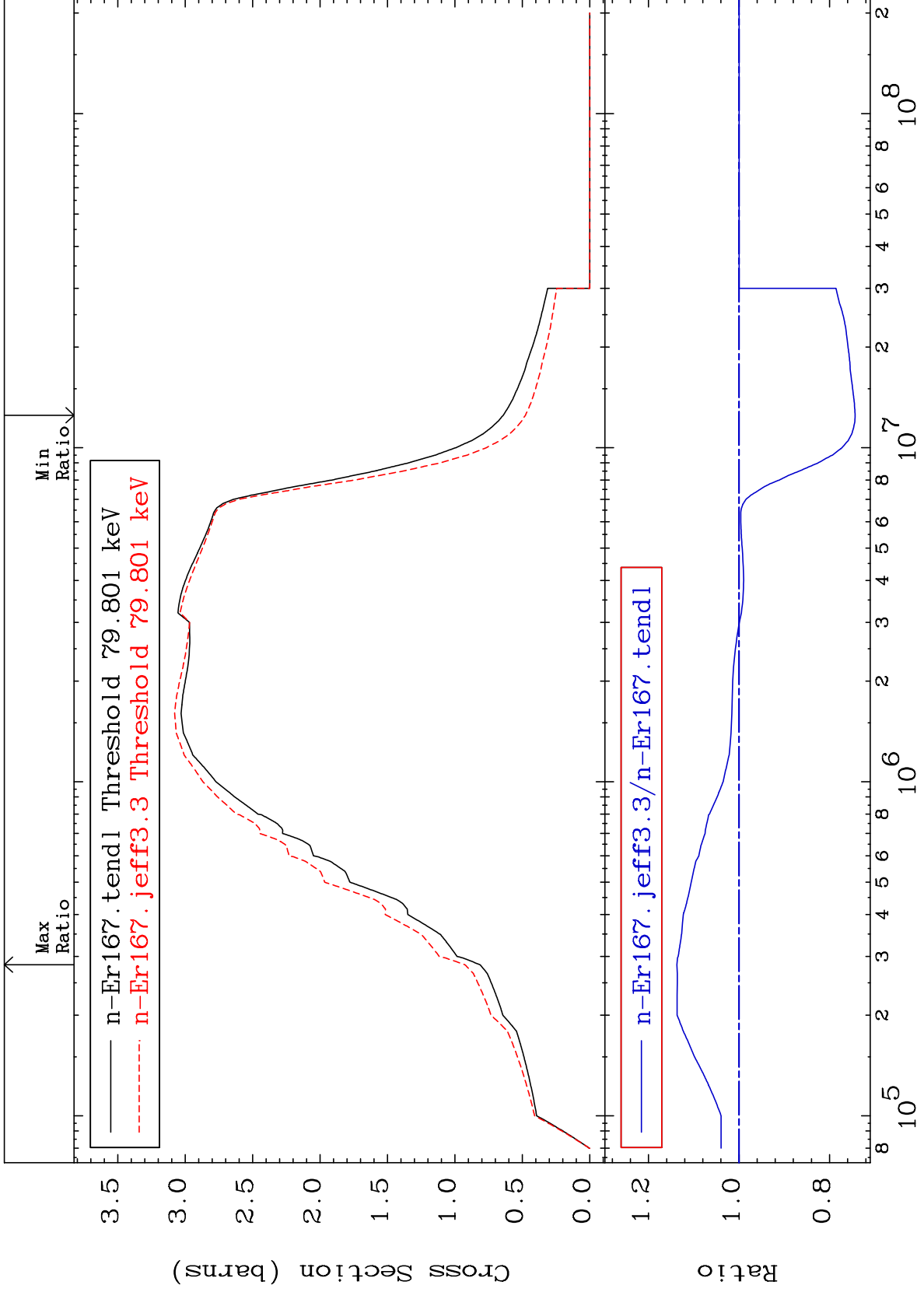
-92.62 To 1150. %



MAT 6840

Inelastic  
Cross Section

68-Er-167  
-25.64 To 13.72 %



3

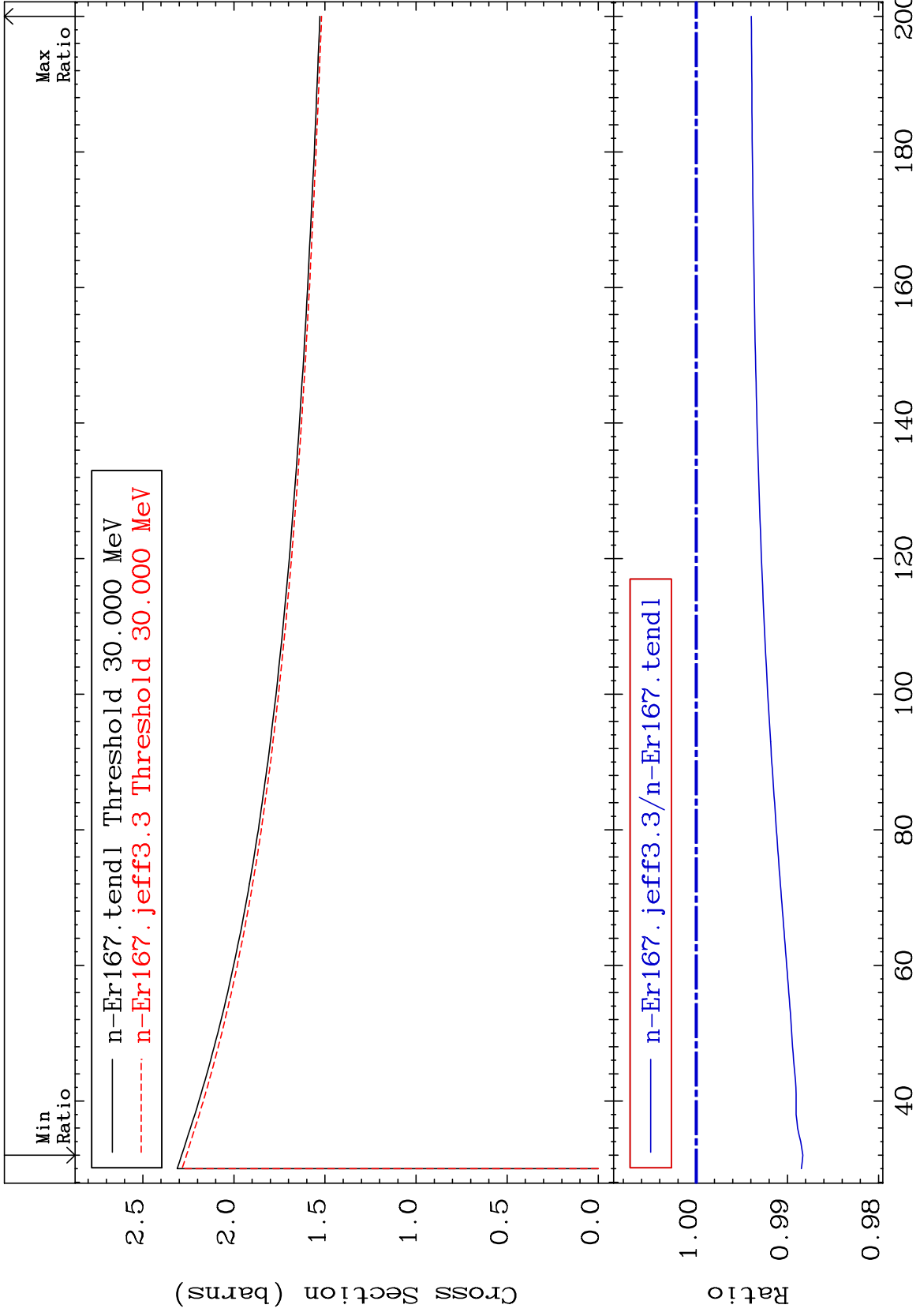
Incident Energy (eV)

68-Er-167

MAT 6840

(n, remainder)  
Cross Section

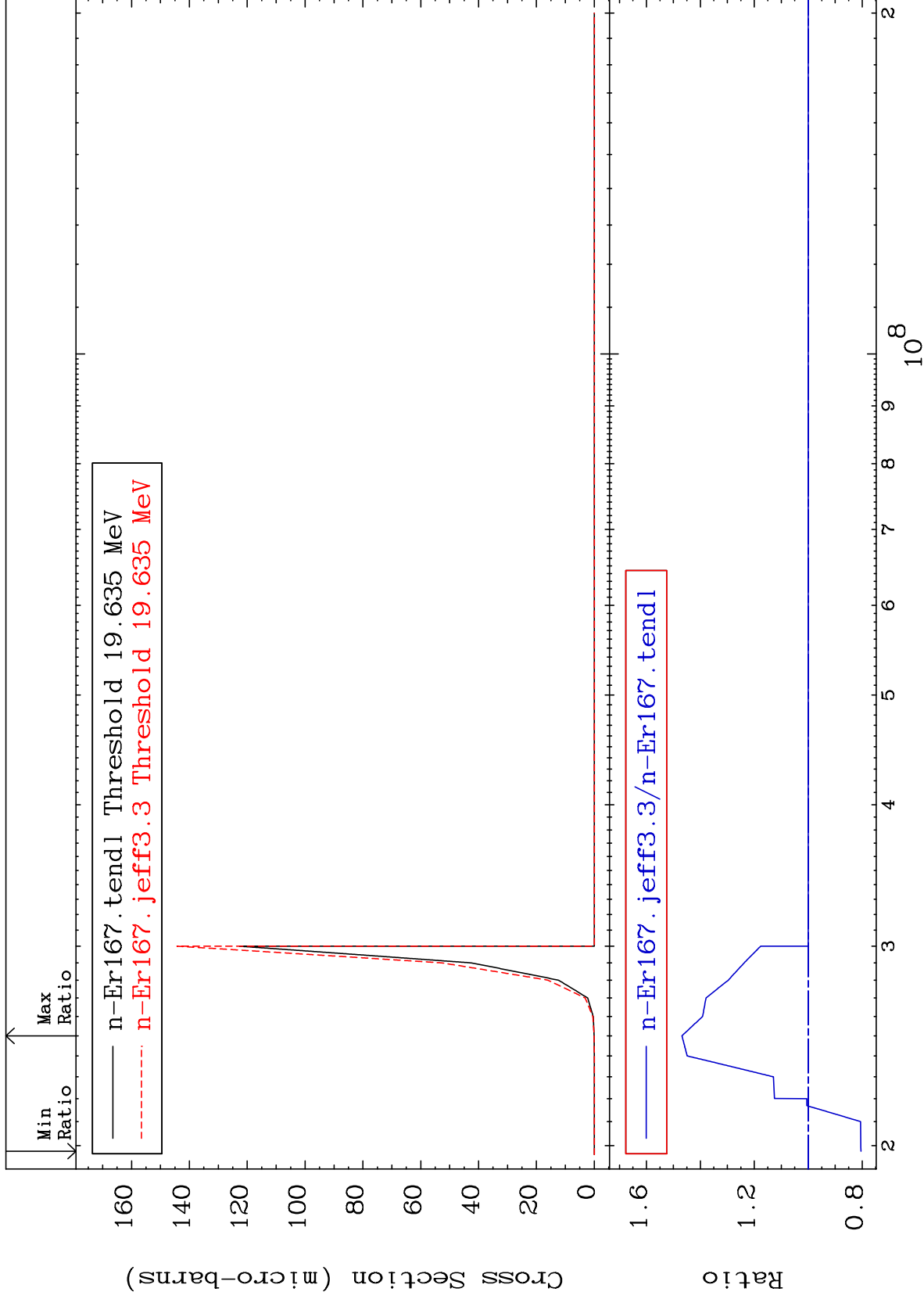
68-Er-167  
-1.169 To -0.604%



MAT 6840

(n,2n) d  
Cross Section

68-Er-167  
-19.57 To 46.84 %



5

Incident Energy (eV)

68-Er-167

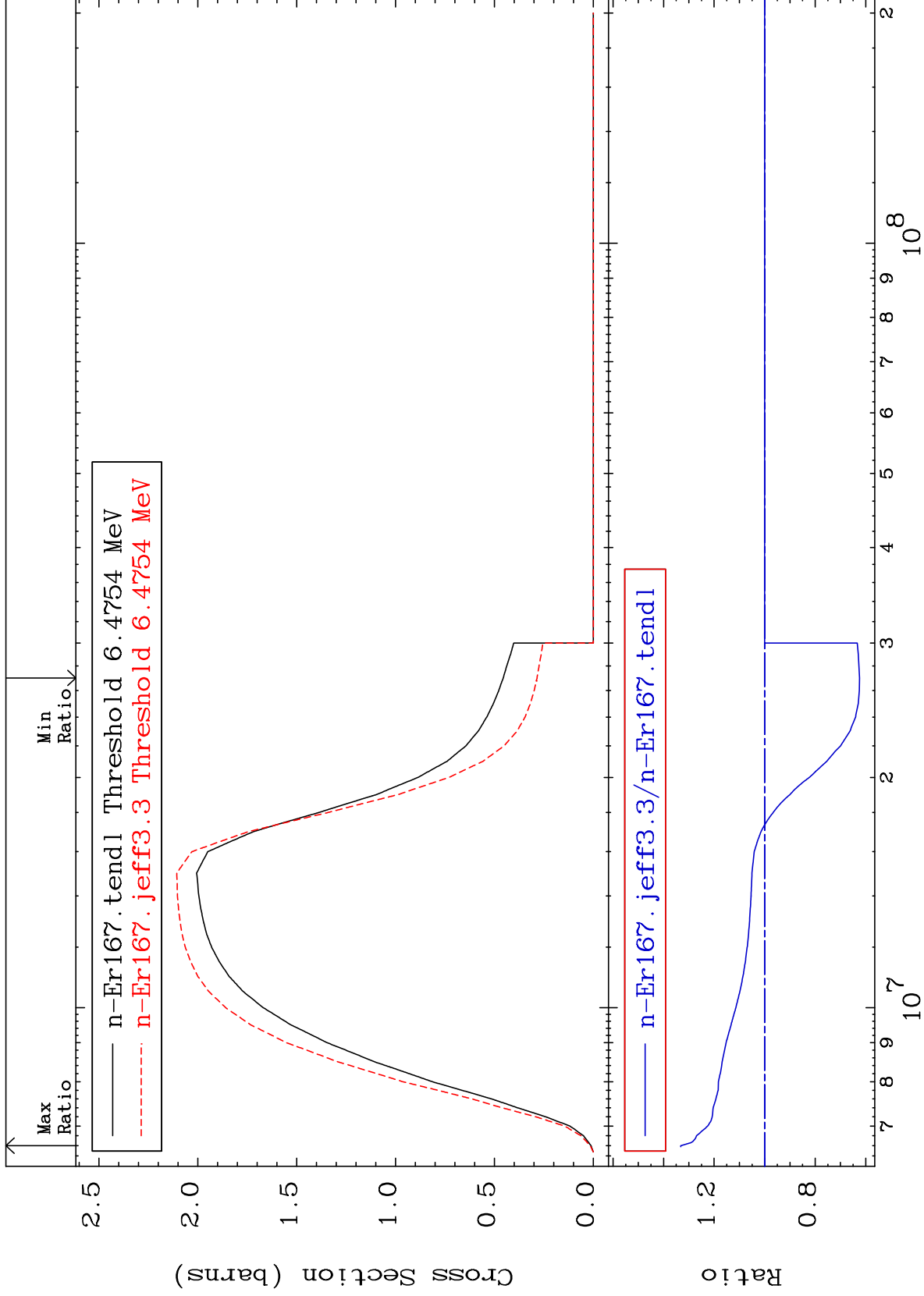
MAT 6840

(n,2n)

68-Er-167

Cross Section

-37.54 To 33.20 %



6

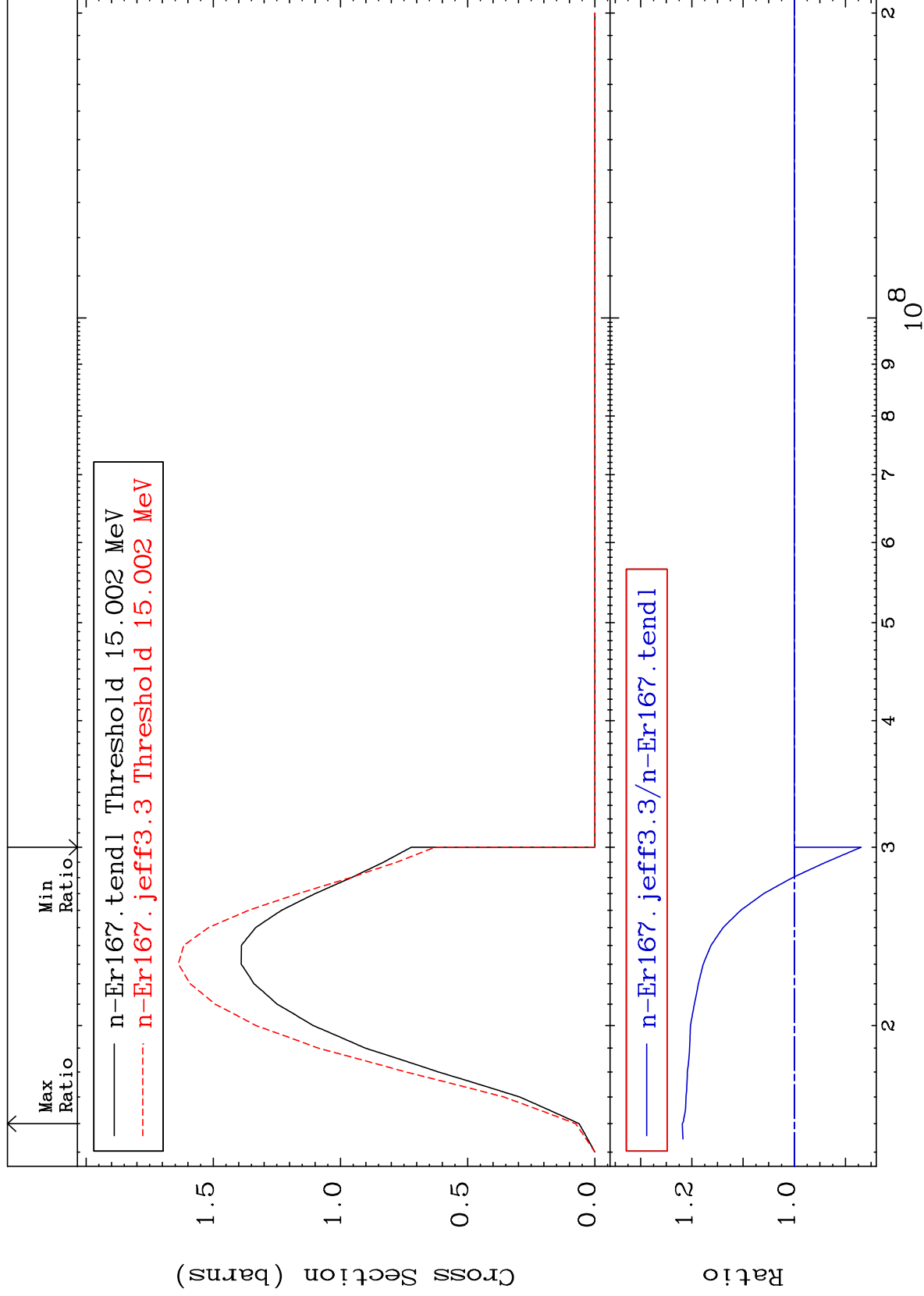
Incident Energy (eV)

68-Er-167

MAT 6840

(n,3n)  
Cross Section

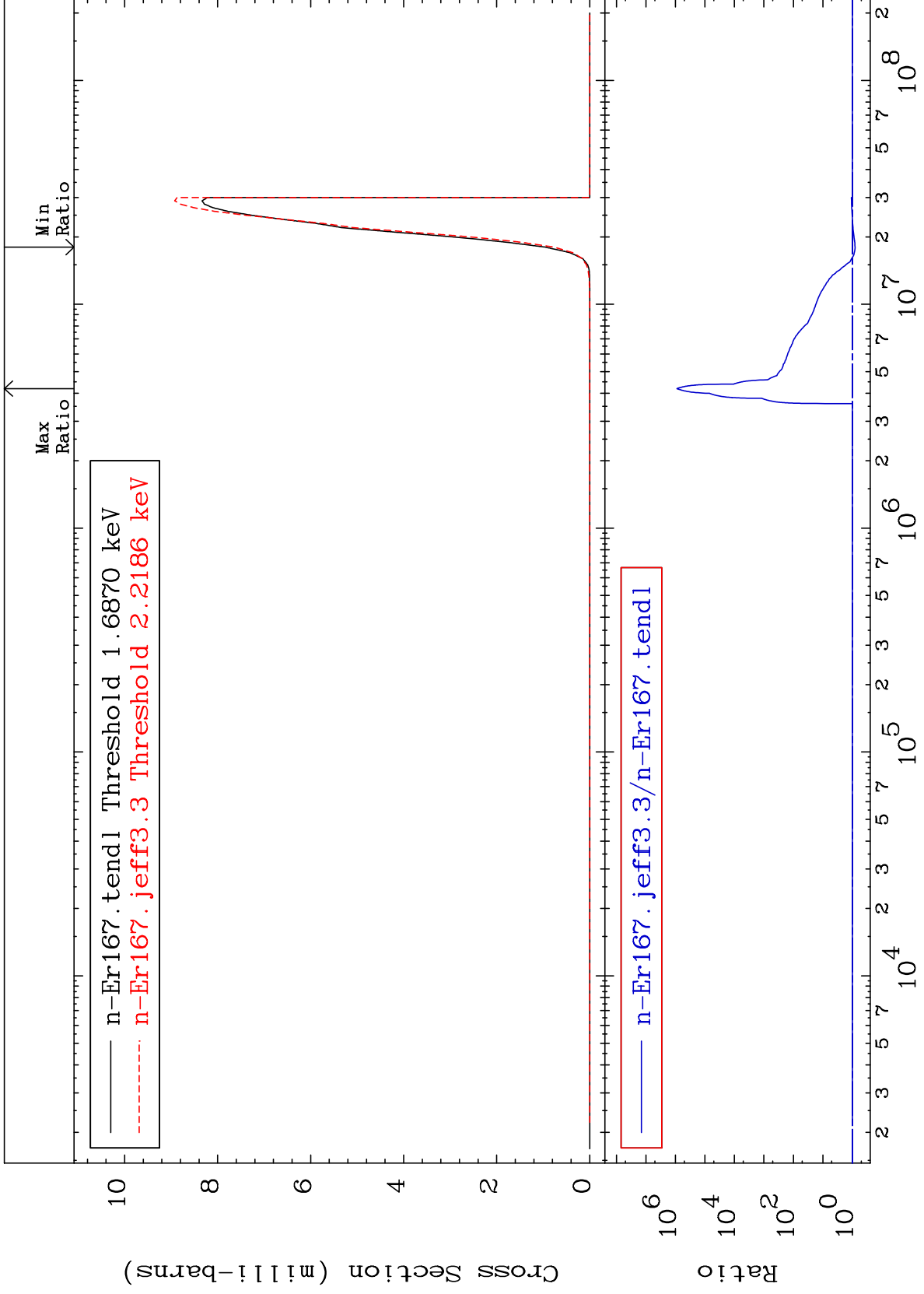
68-Er-167  
-13.04 To 21.88 %



MAT 6840

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

68-Er-167  
-19.36 To 9999. %

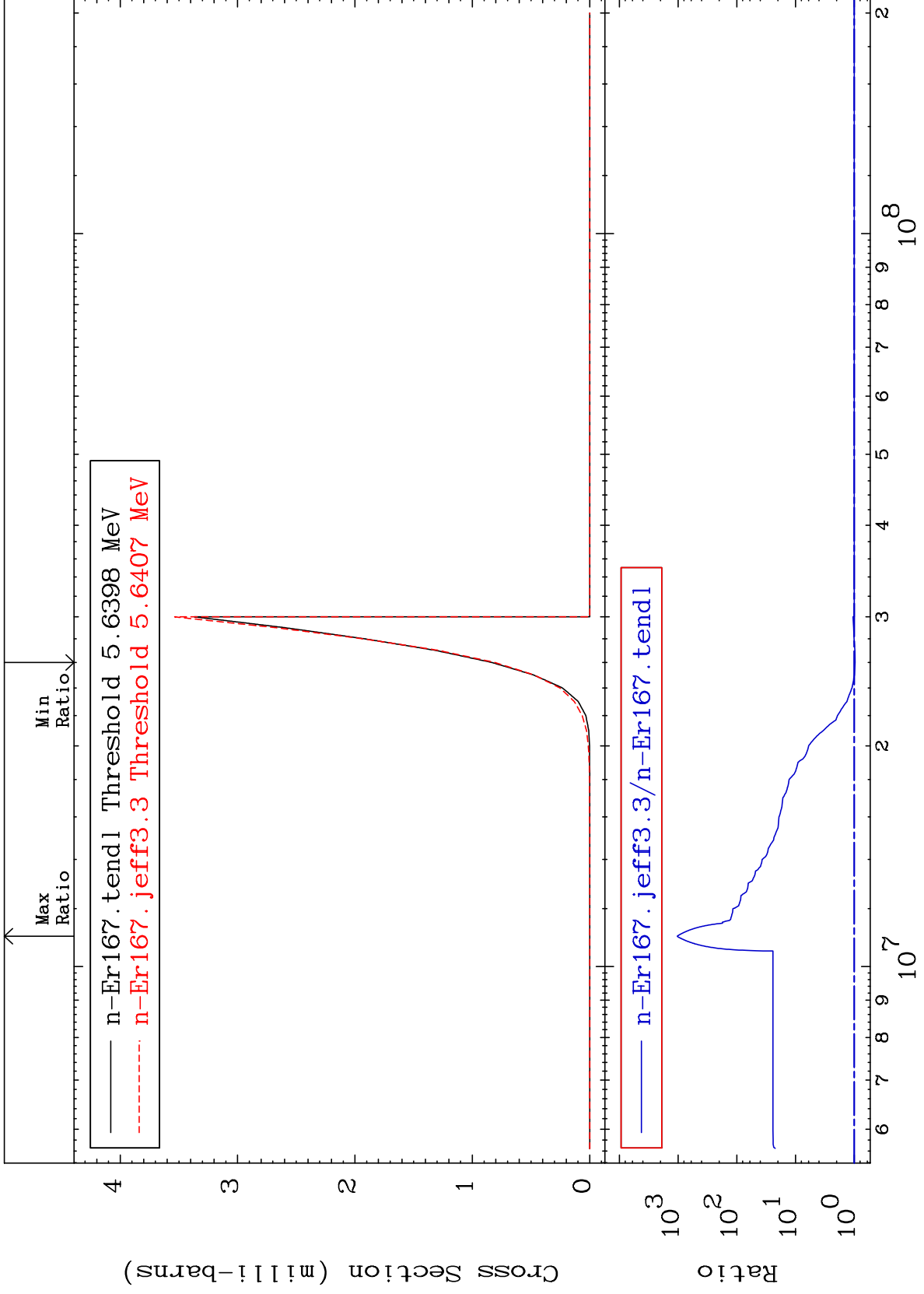




MAT 6840

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

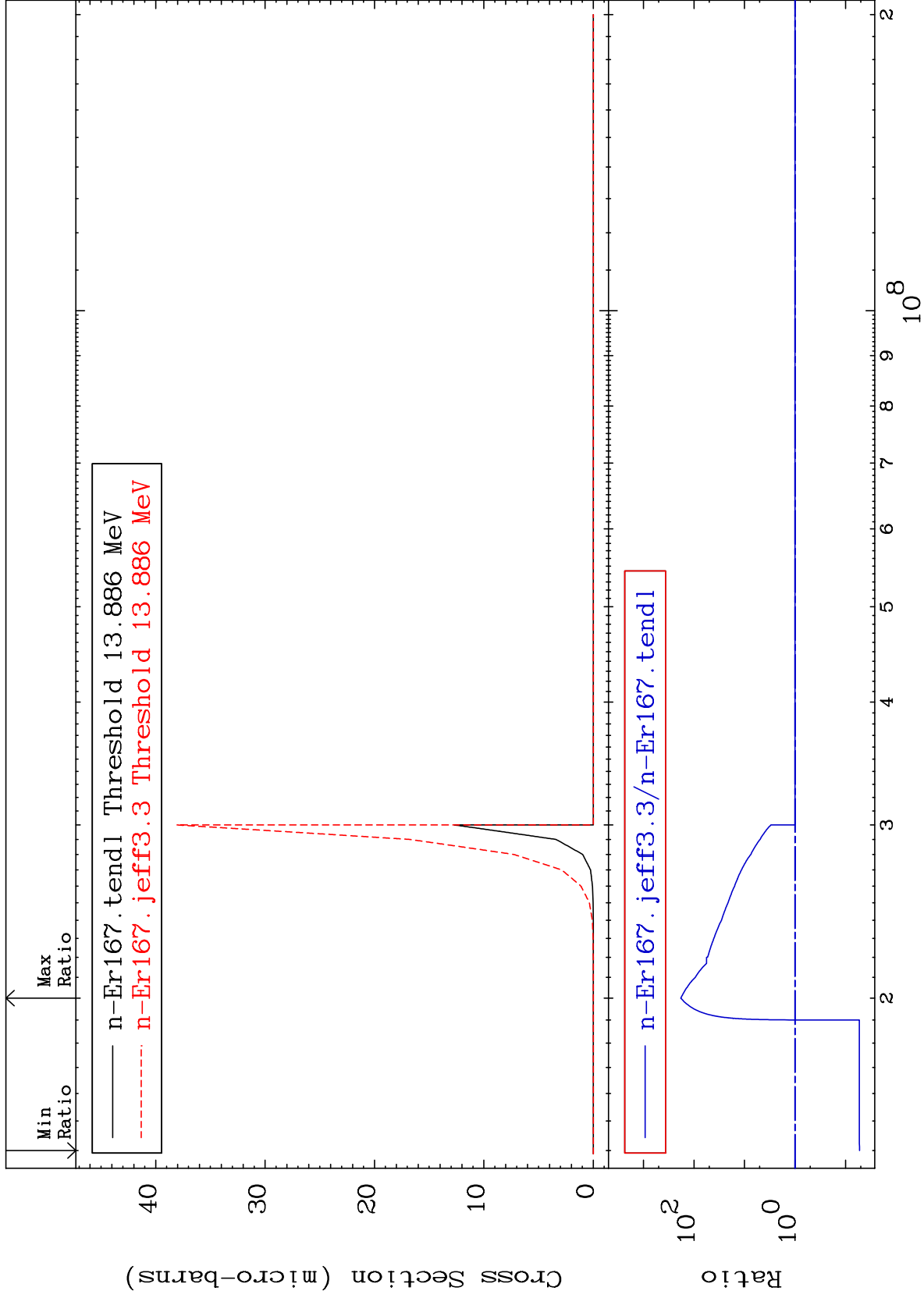
68-Er-167  
-3.055 To 9999. %



MAT 6840

(n,3n)  $\alpha$   
Cross Section

68-Er-167  
-94.73 To 9999. %



10

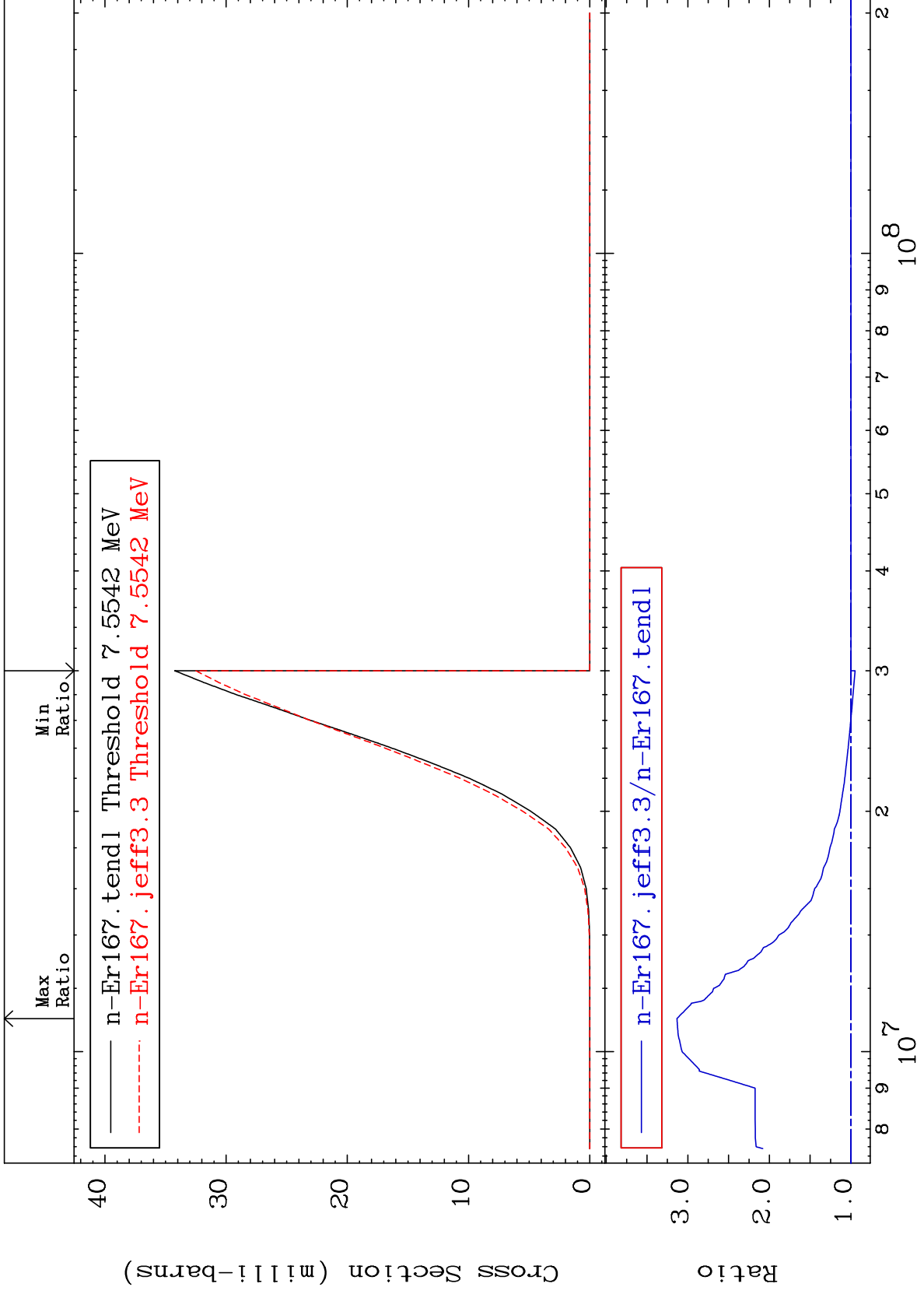
Incident Energy (eV)

68-Er-167

MAT 6840

(n,n') p  
Cross Section

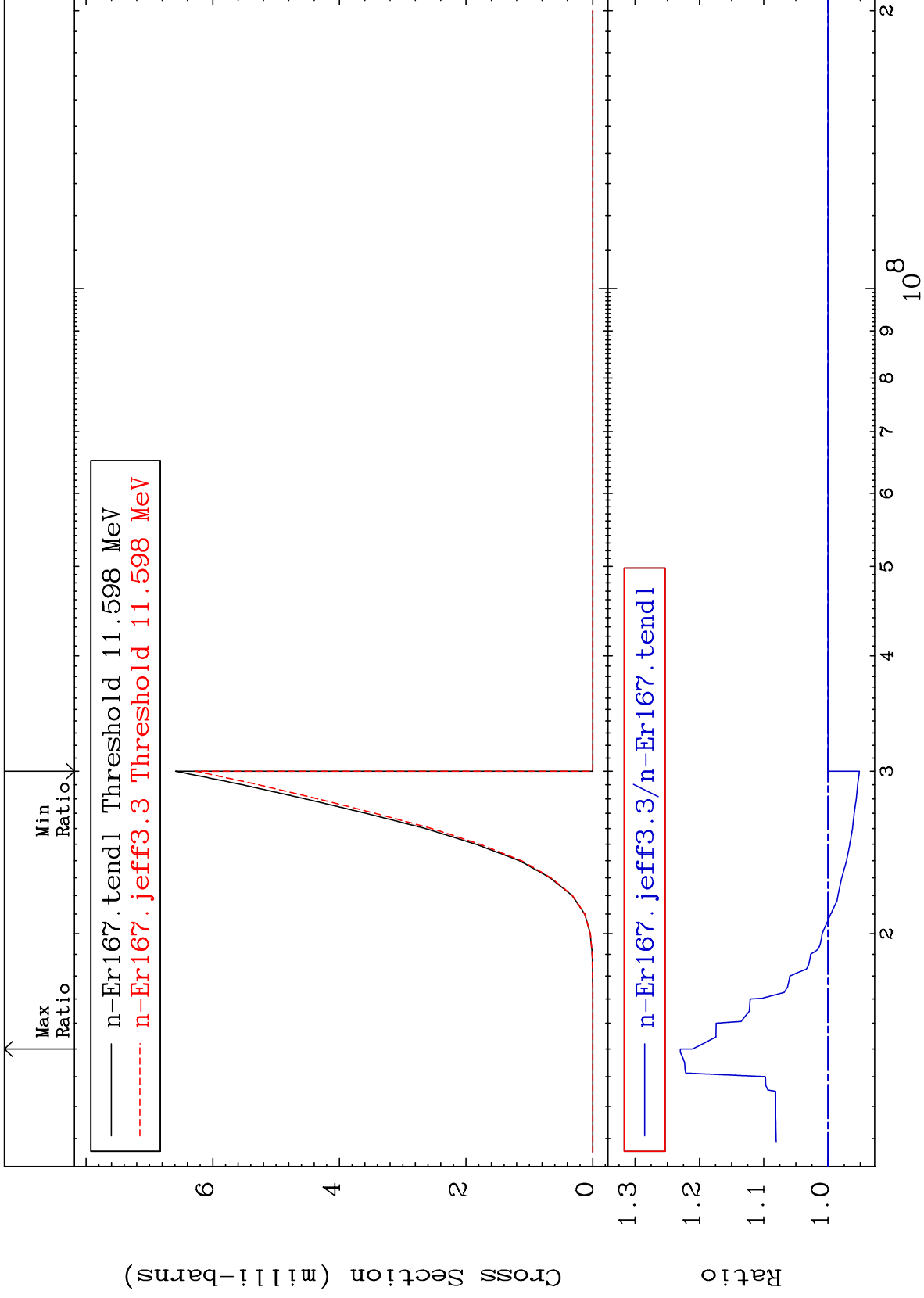
68-Er-167  
-5.089 To 213.3 %



11

Incident Energy (eV)

68-Er-167



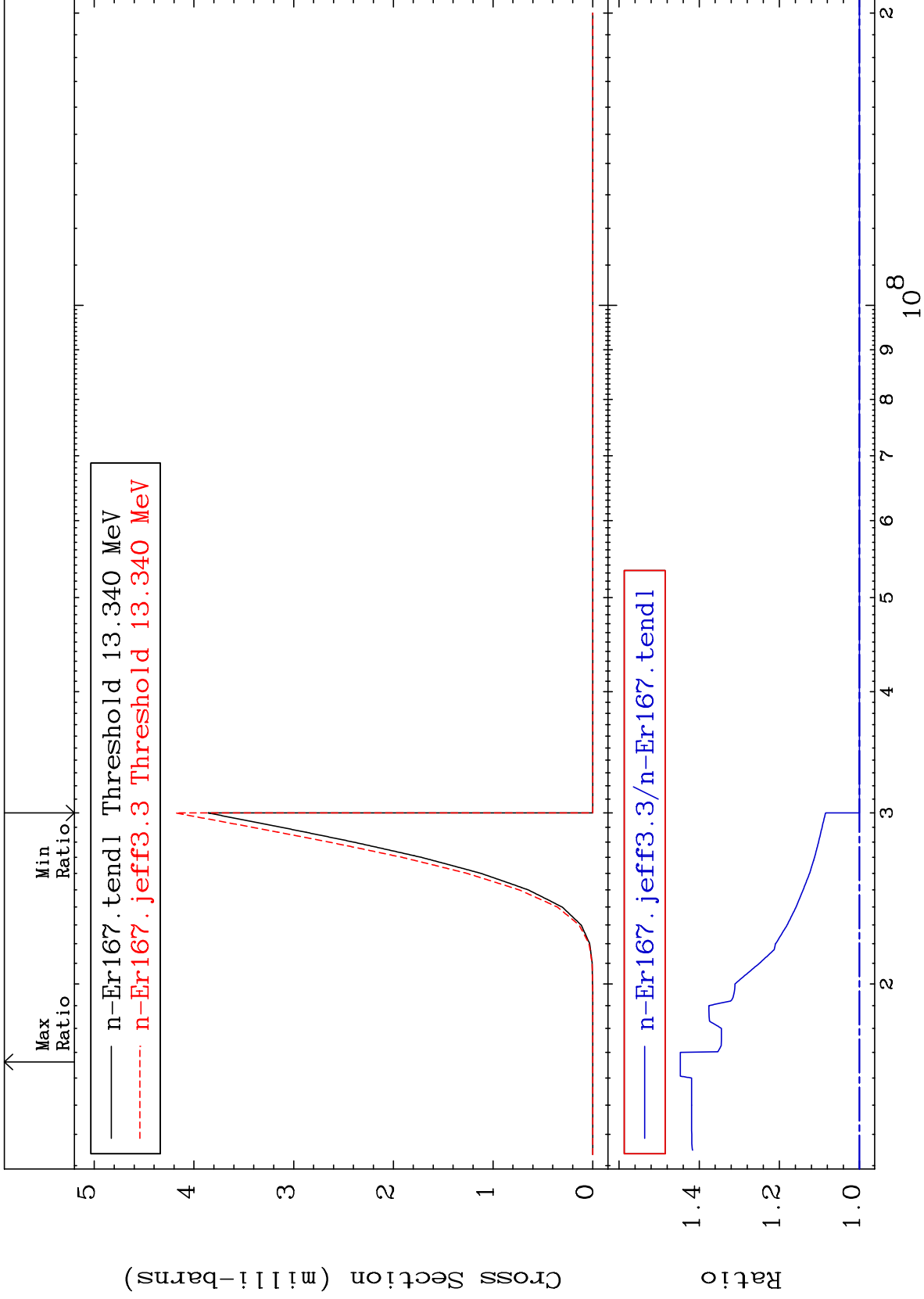
MAT 6840

(n, n') t

68-Er-167

Cross Section

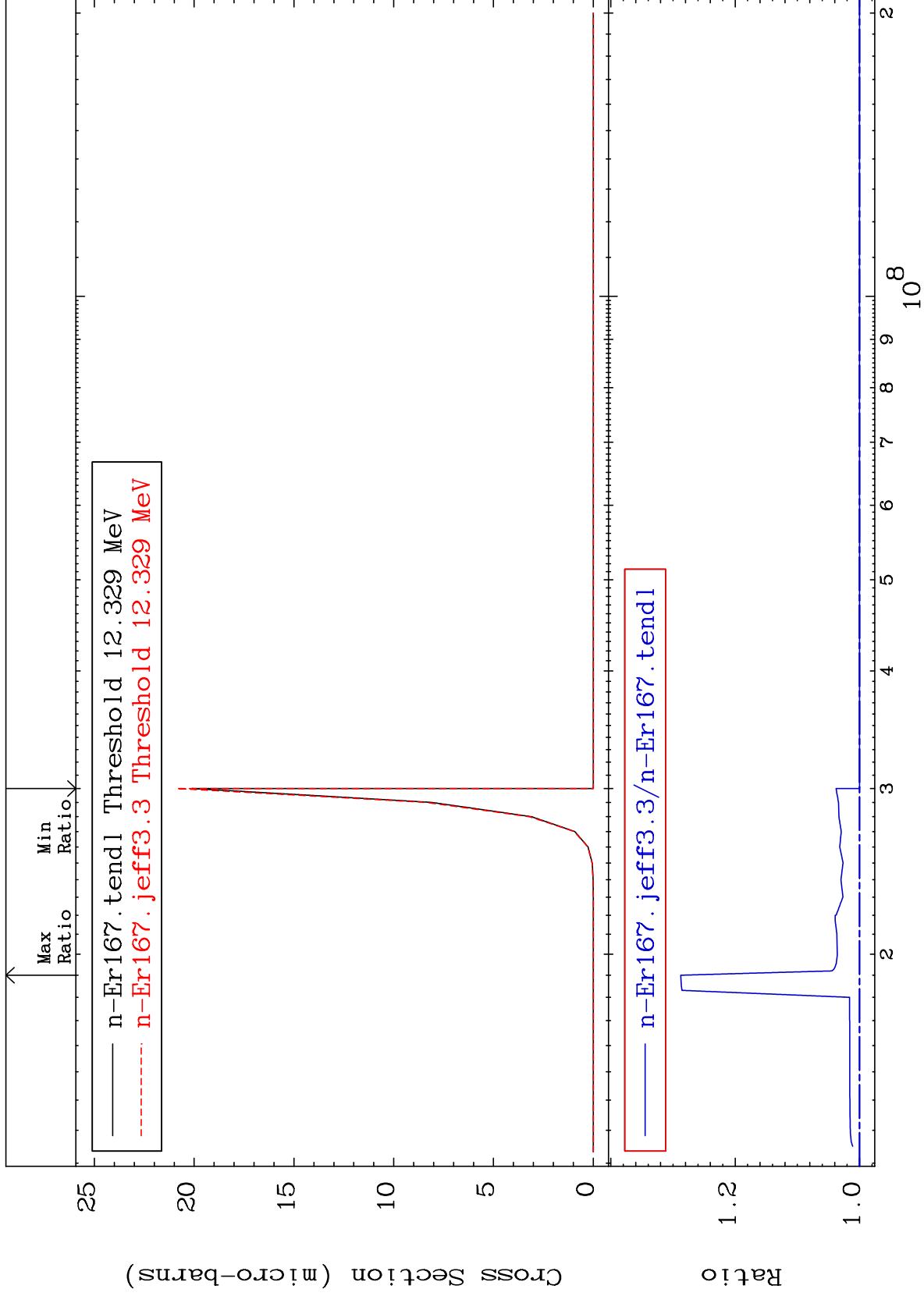
0.000 To 44.71 %



MAT 6840

(n, n') He-3  
Cross Section

68-Er-167  
To 28.76 %  
0.000



14

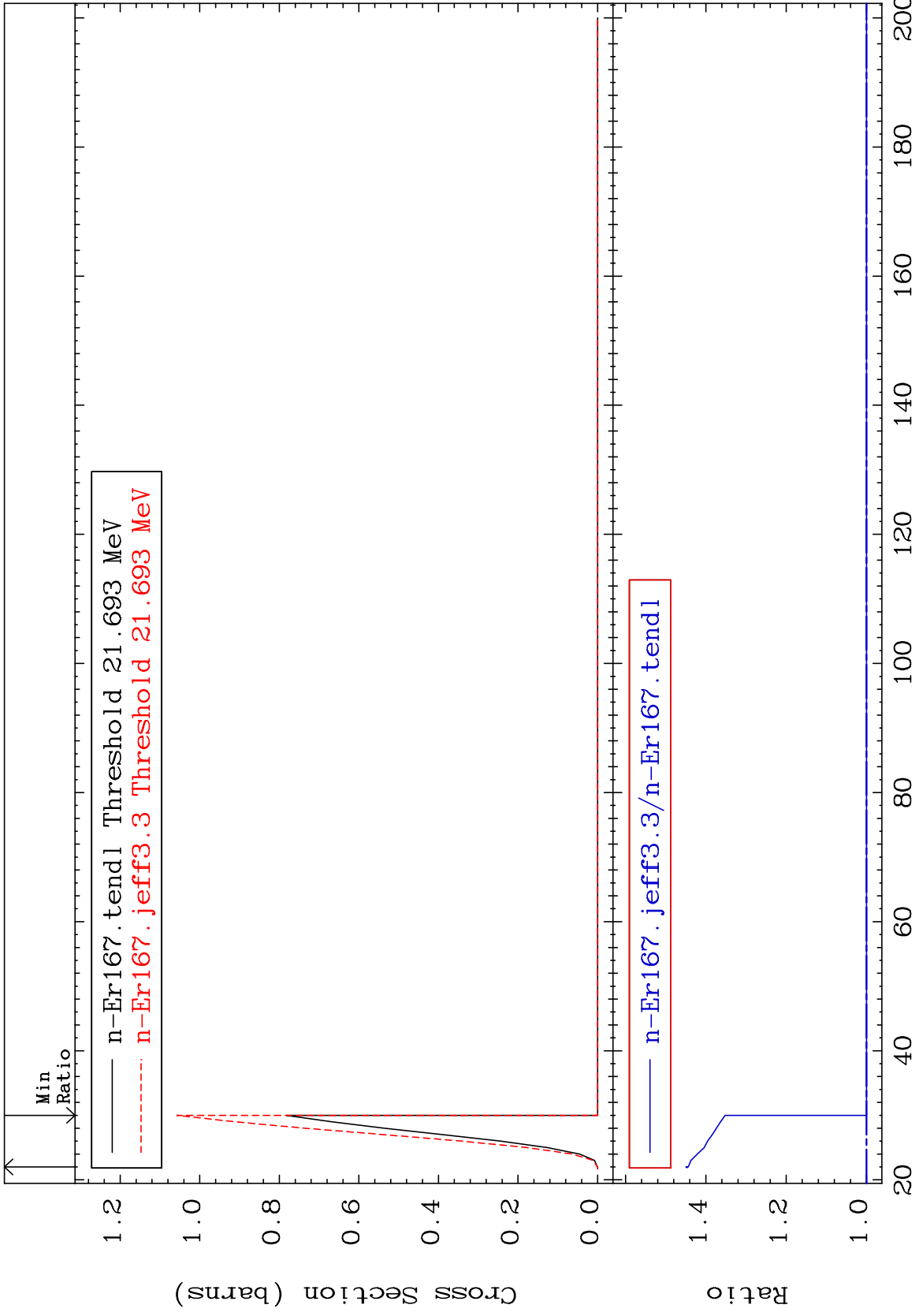
Incident Energy (eV)

68-Er-167

MAT 6840

(n,4n)  
Cross Section

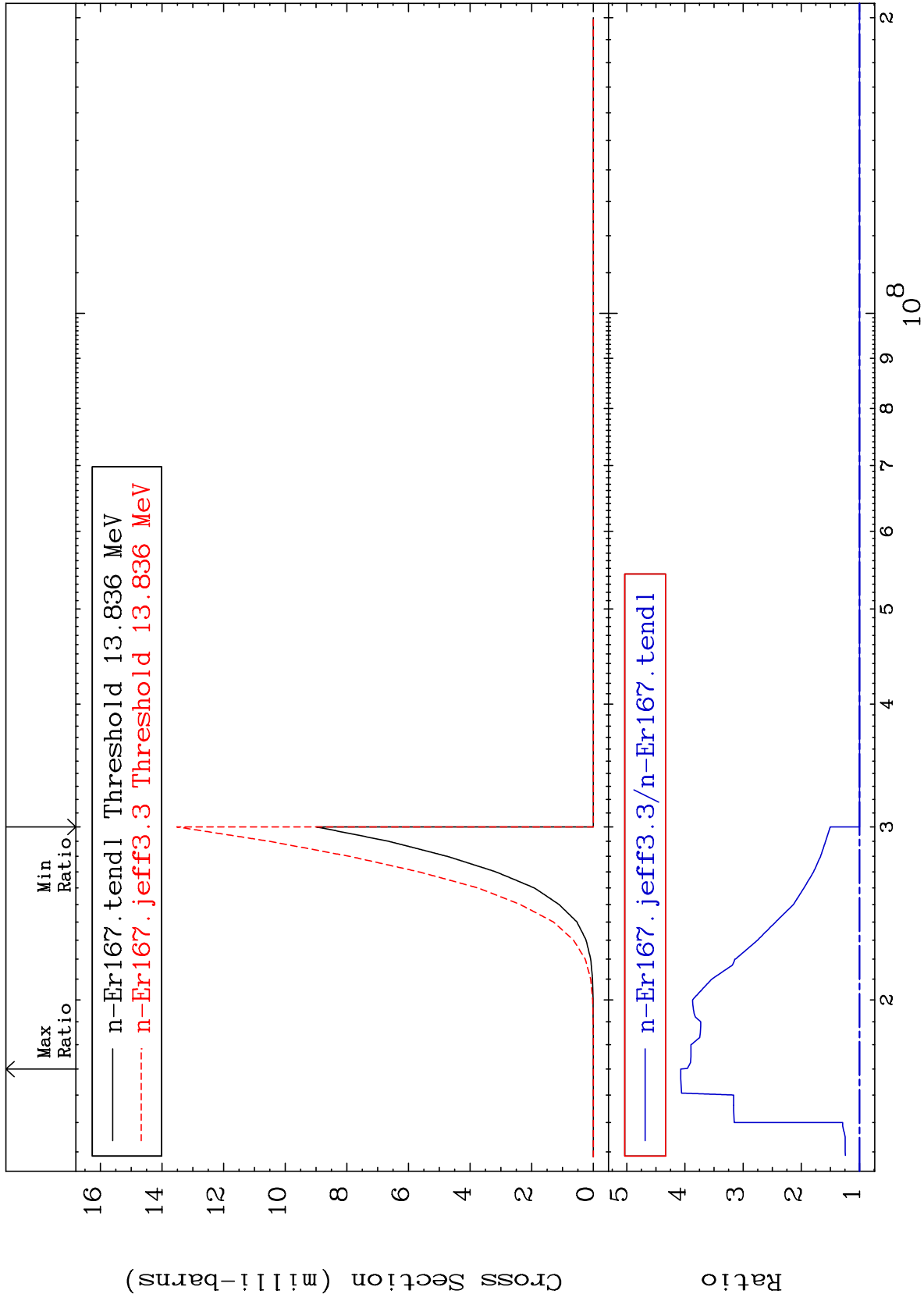
68-Er-167  
0.000 To 44.95 %



MAT 6840

(n,2n) p  
Cross Section

68-Er-167  
To 307.2 %  
0.000

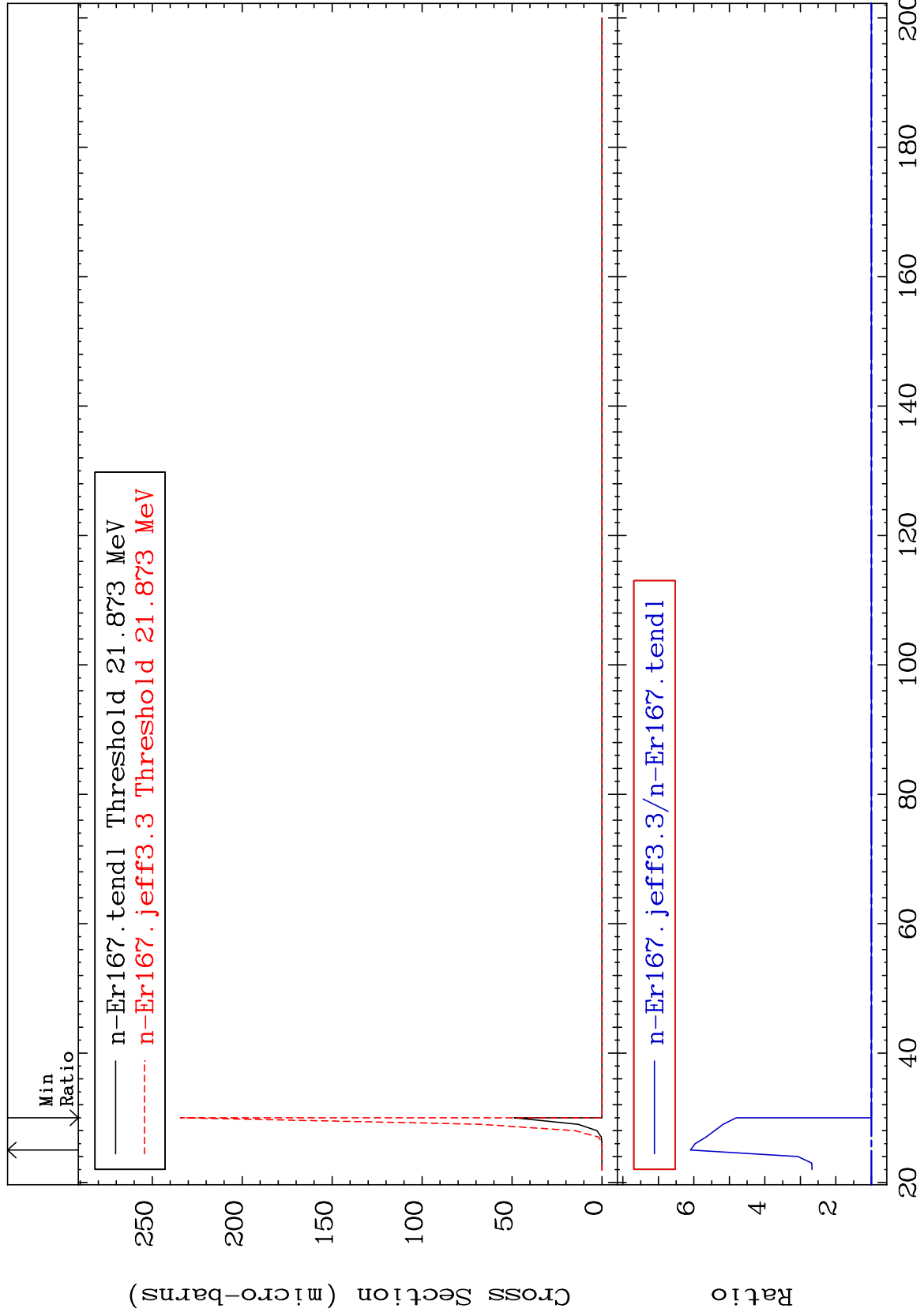




MAT 6840

(n,3n) p  
Cross Section

68-Er-167  
0.000 To 509.6 %



17

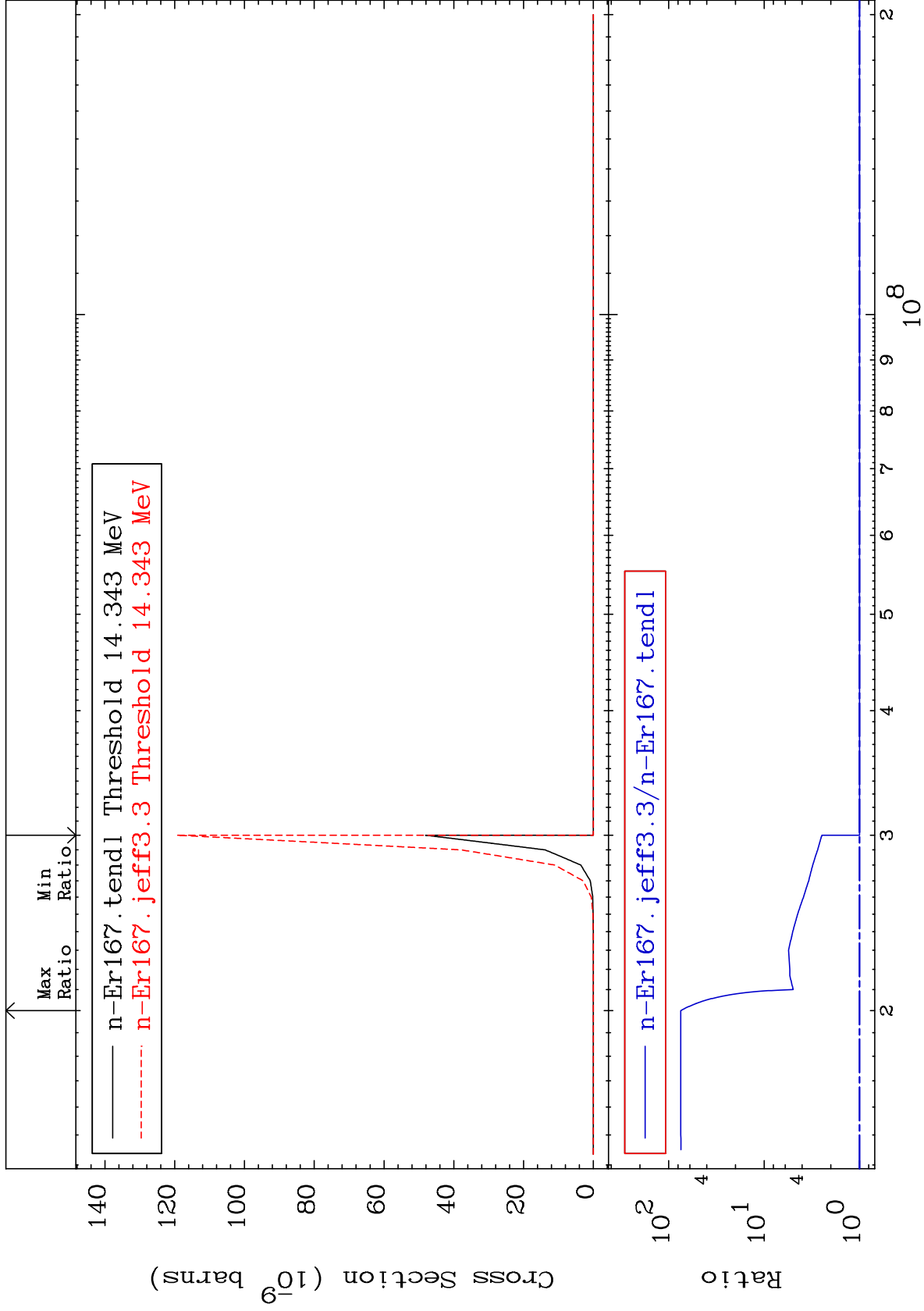
Incident Energy (MeV)

68-Er-167

MAT 6840

(n,2n) p  
Cross Section

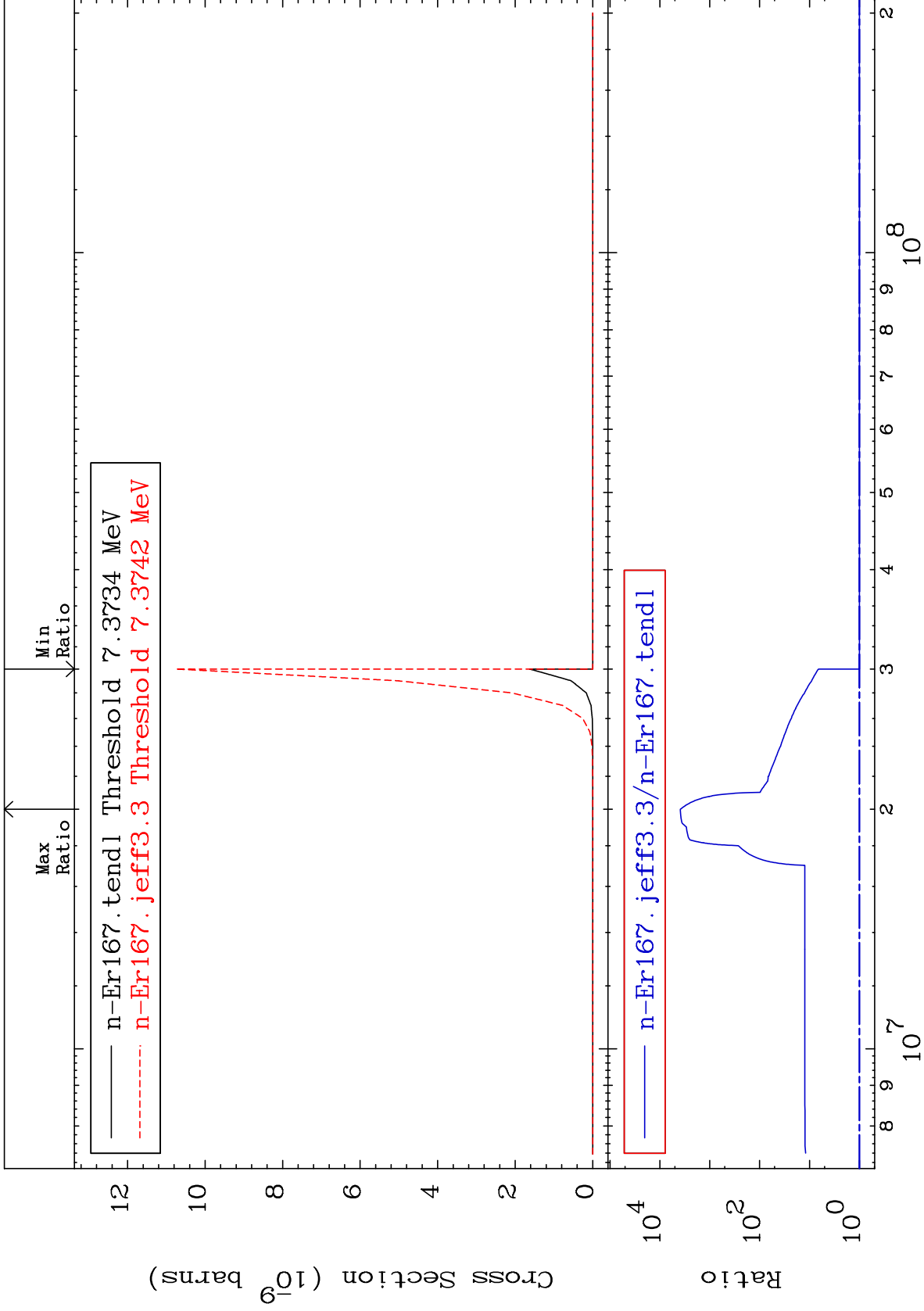
68-Er-167  
To 7376. %



MAT 6840

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

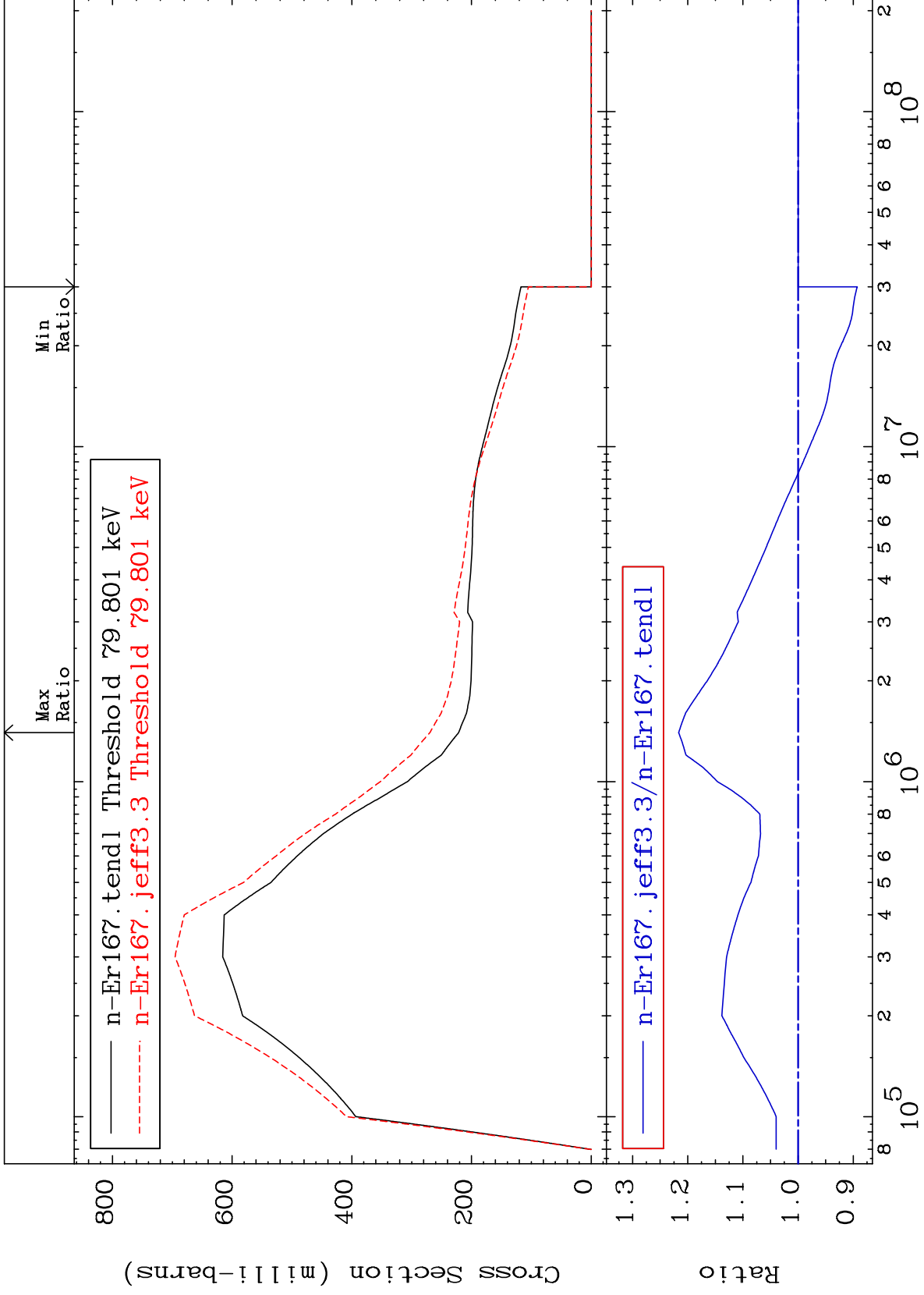
68-Er-167  
To 9999. %



MAT 6840

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

68-Er-167  
-10.72 To 21.65 %



20

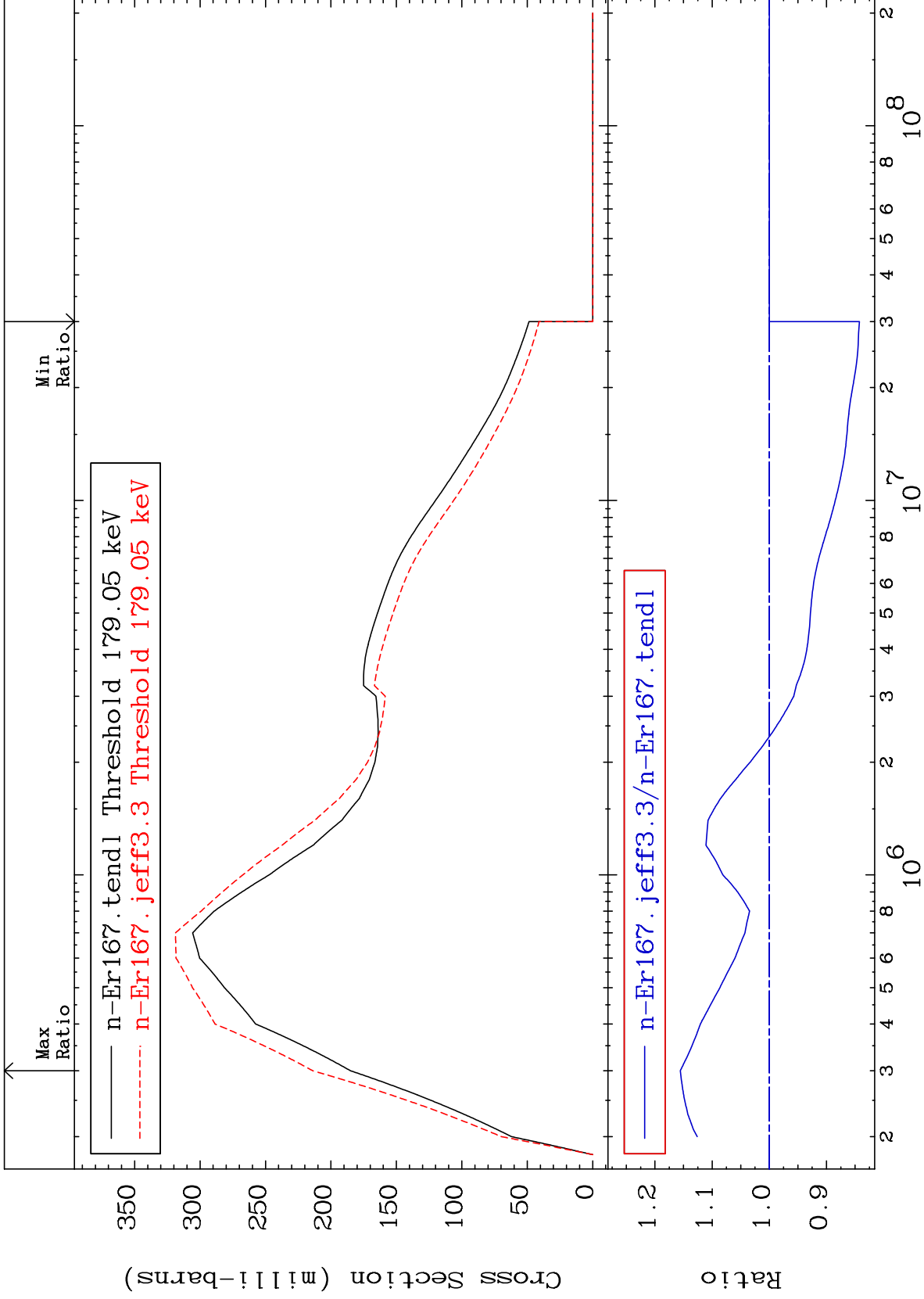
Incident Energy (eV)

68-Er-167

MAT 6840

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

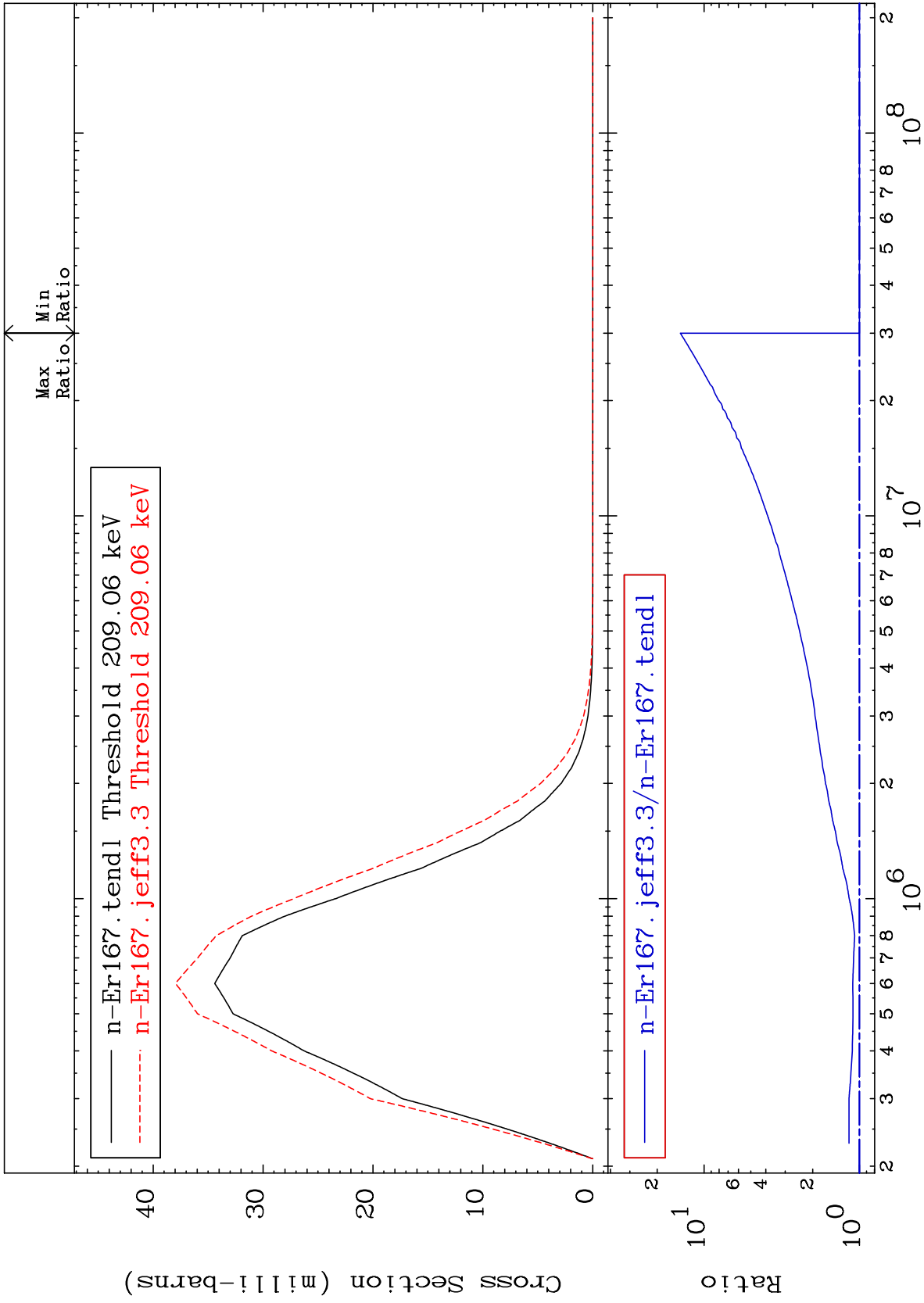
68-Er-167  
-15.76 To 15.56 %



MAT 6840

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

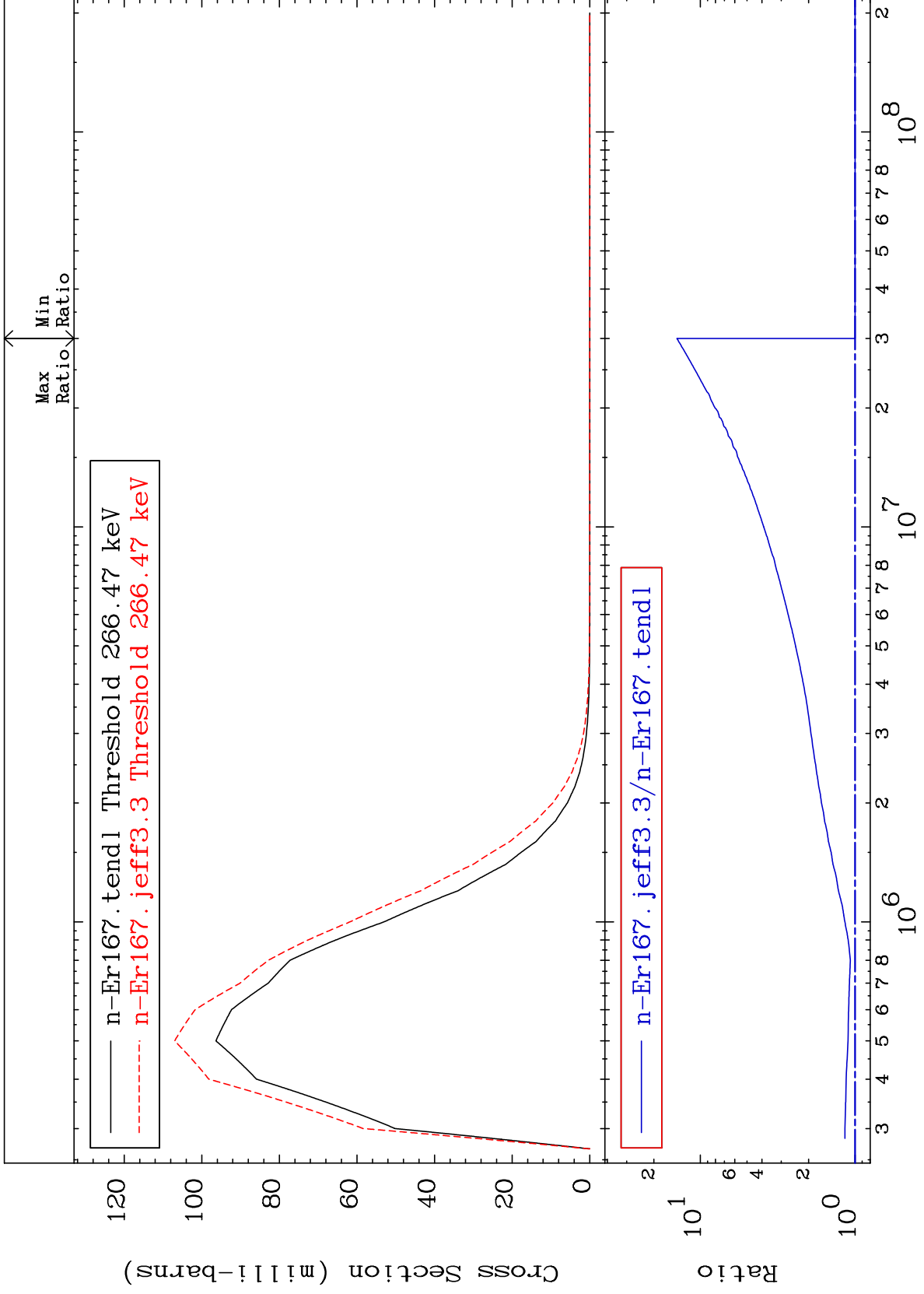
68-Er-167  
To 1319. %



MAT 6840

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

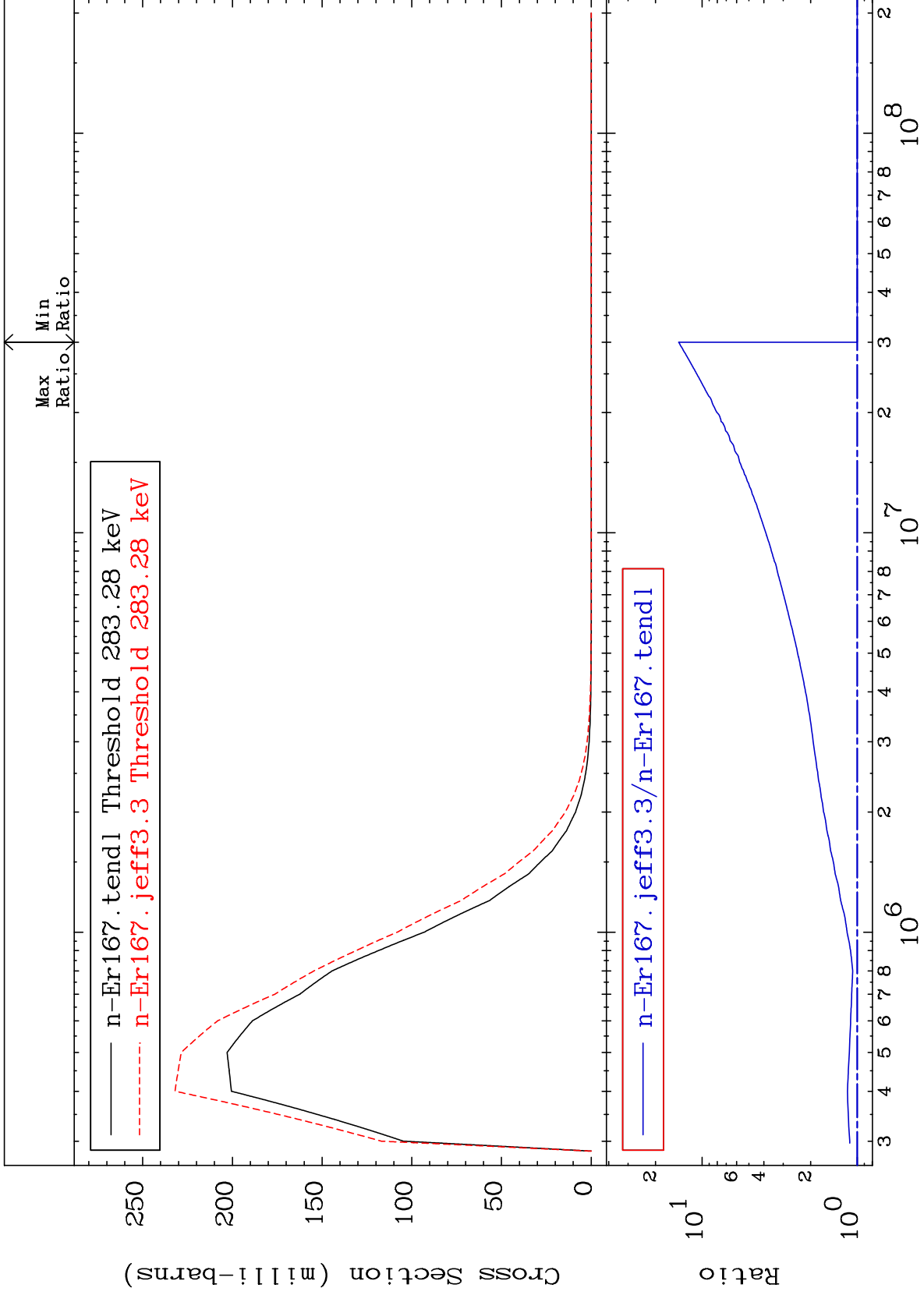
68-Er-167  
To 1319. %



MAT 6840

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

68-Er-167  
To 1318. %

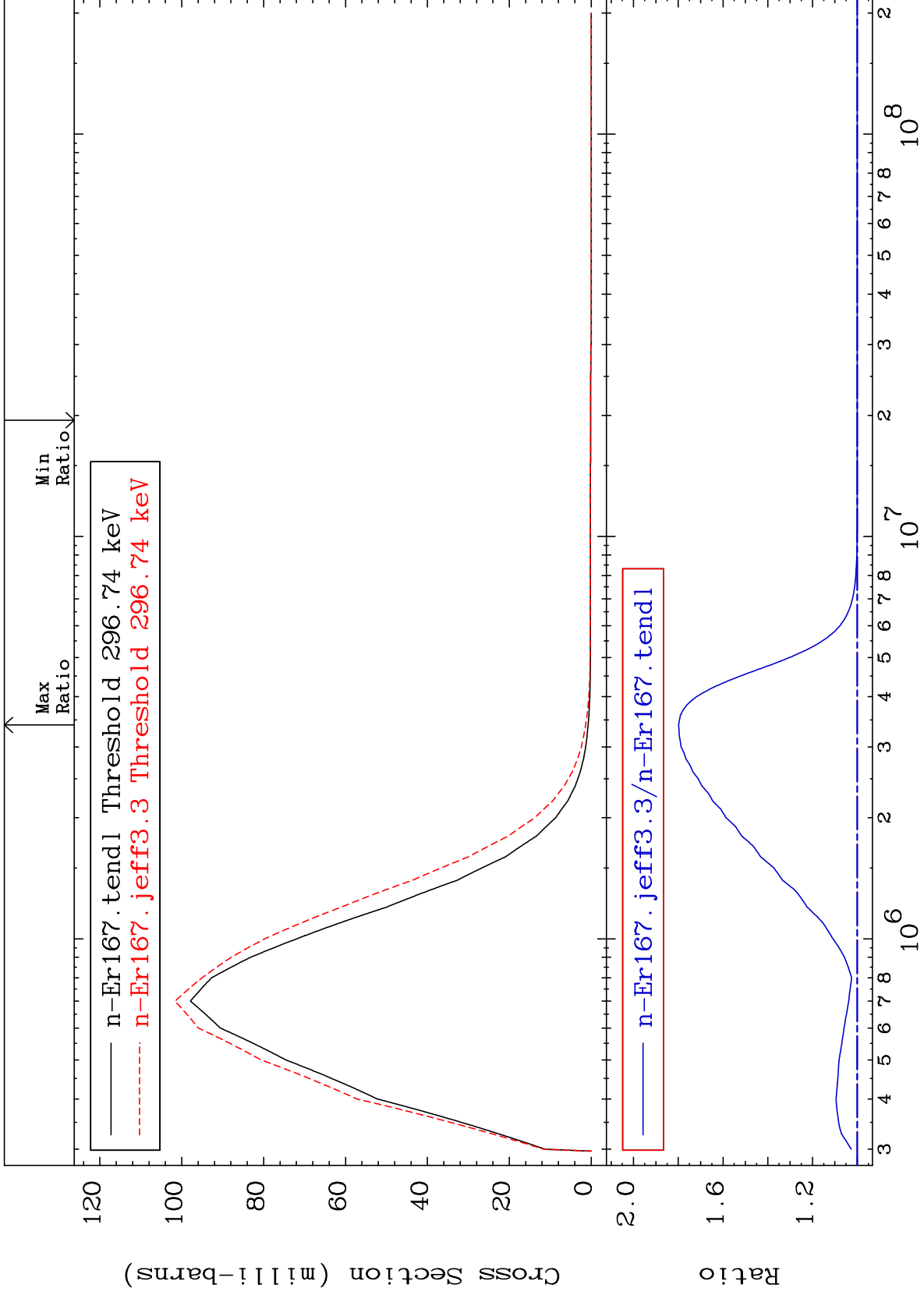




MAT 6840

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

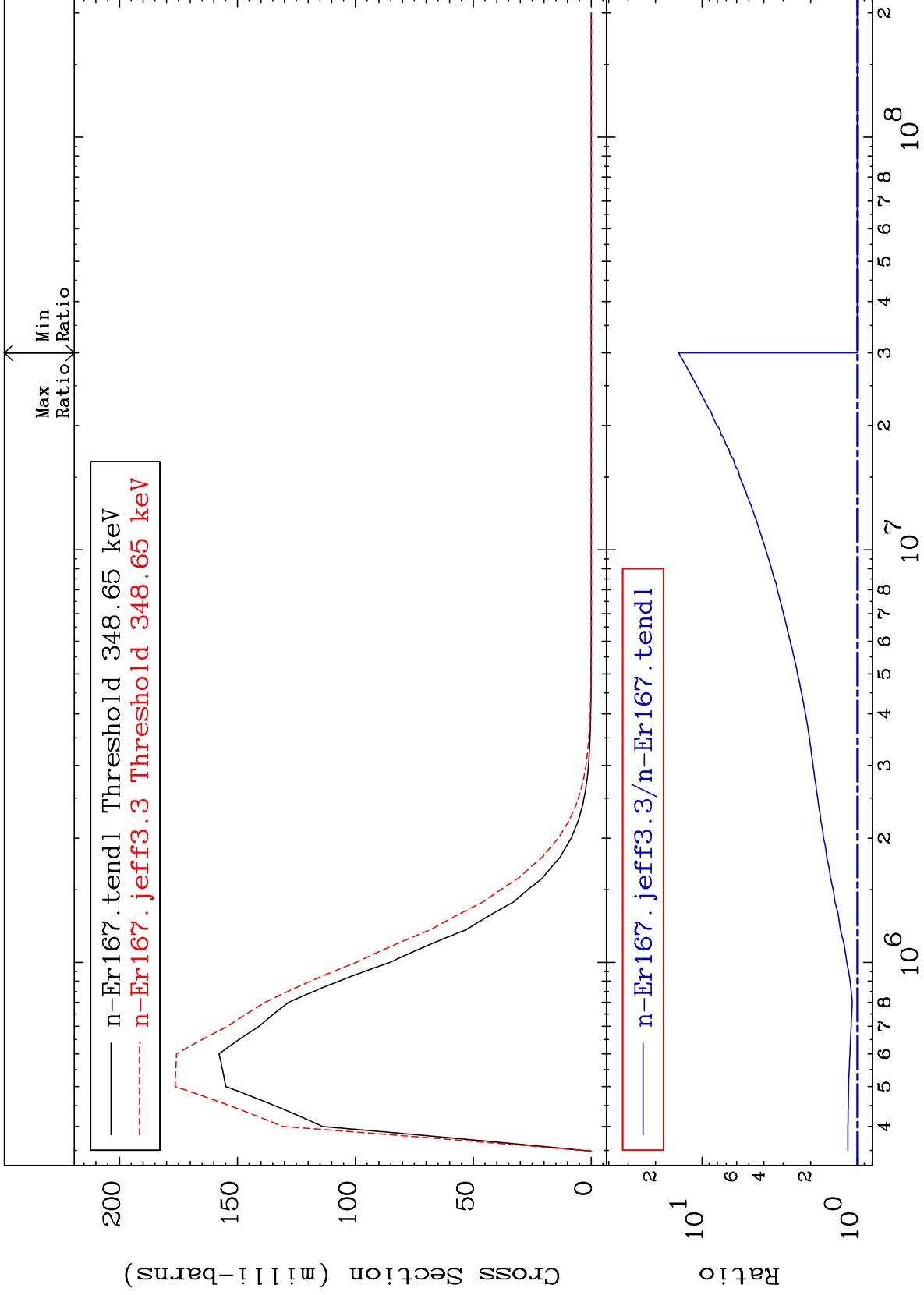
68-Er-167  
0.000 To 79.83 %



MAT 6840

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

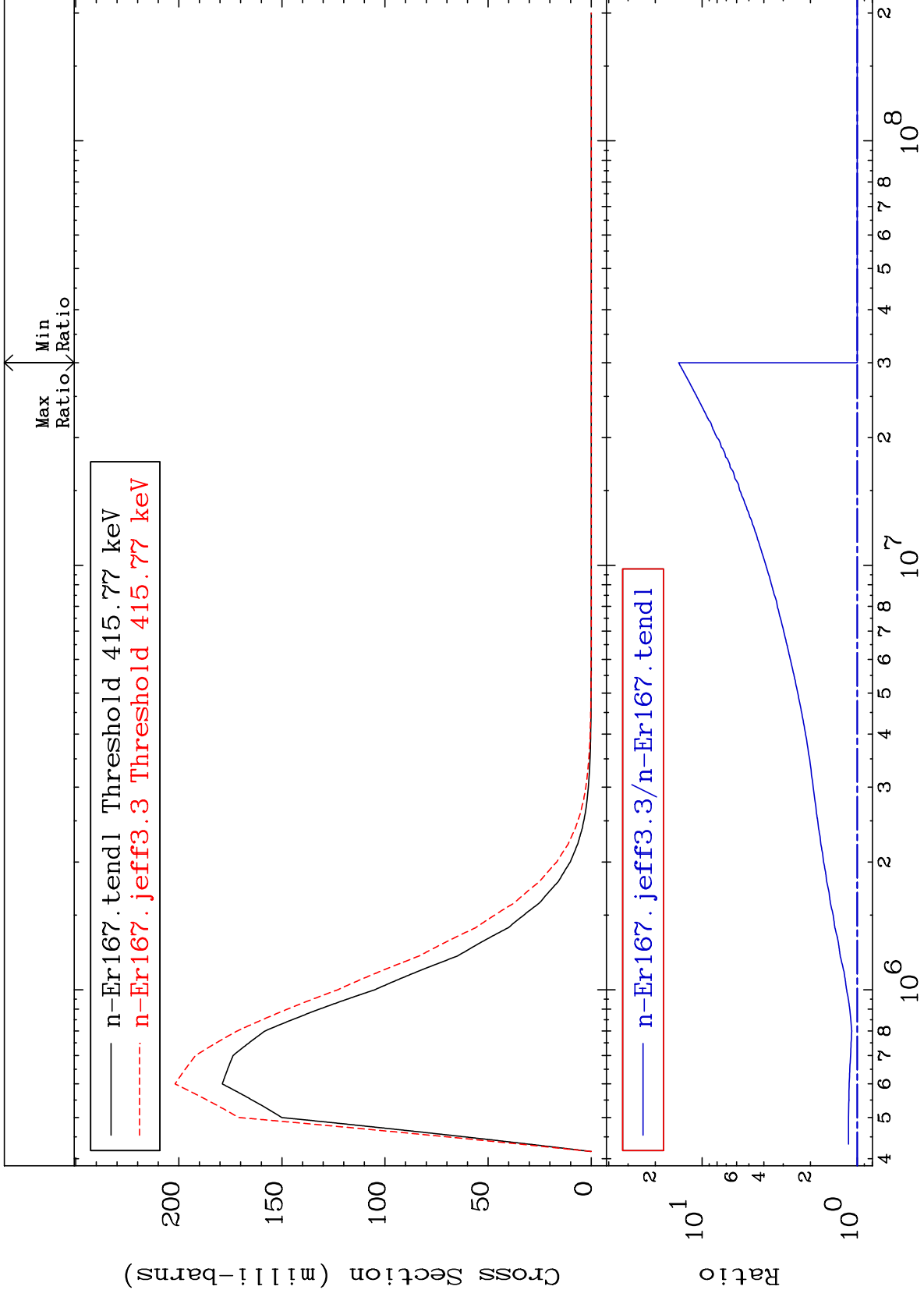
68-Er-167  
To 1318. %



MAT 6840

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

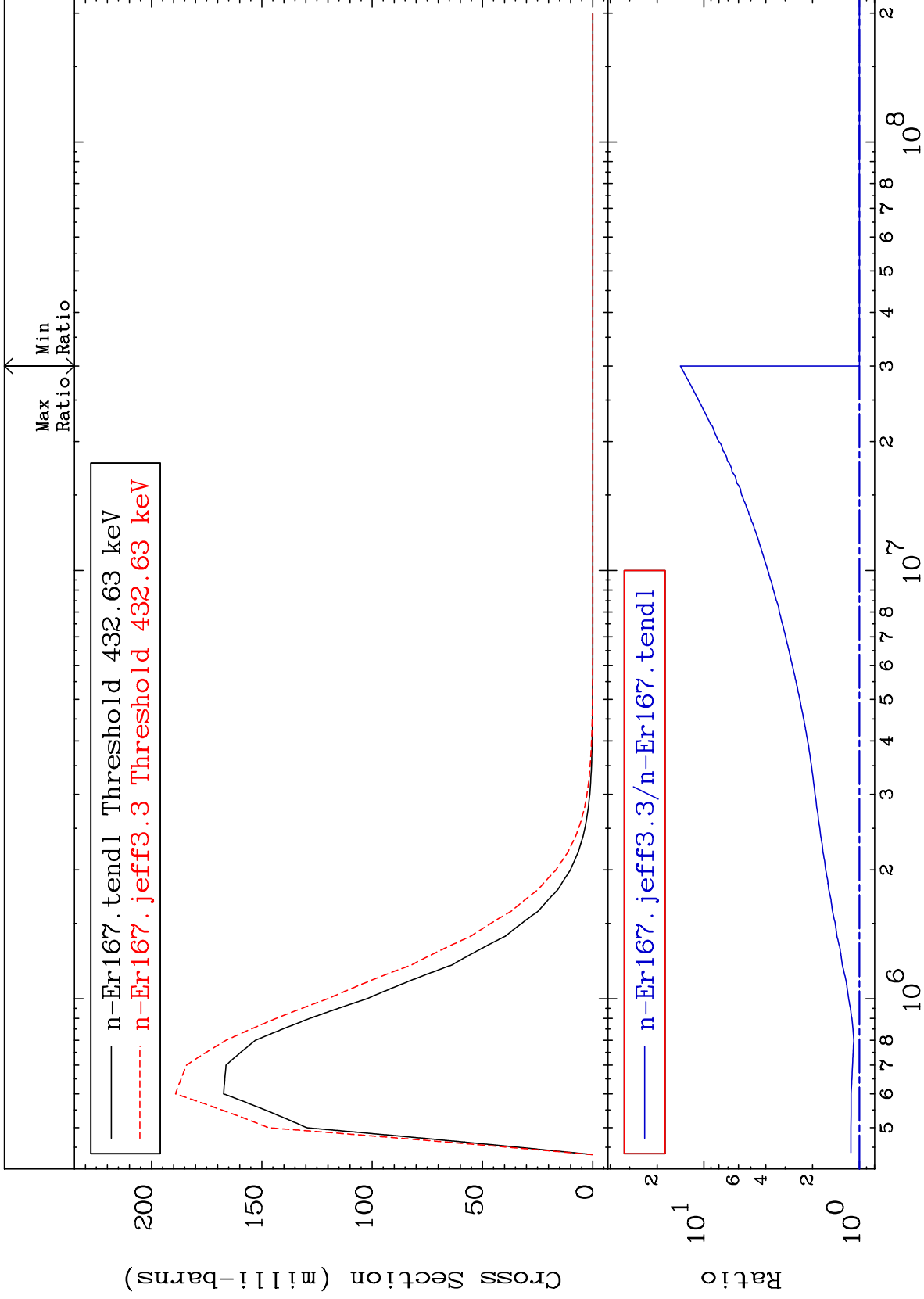
68-Er-167  
To 1317. %



MAT 6840

MT= 59 (n,n') Level  
Cross Section

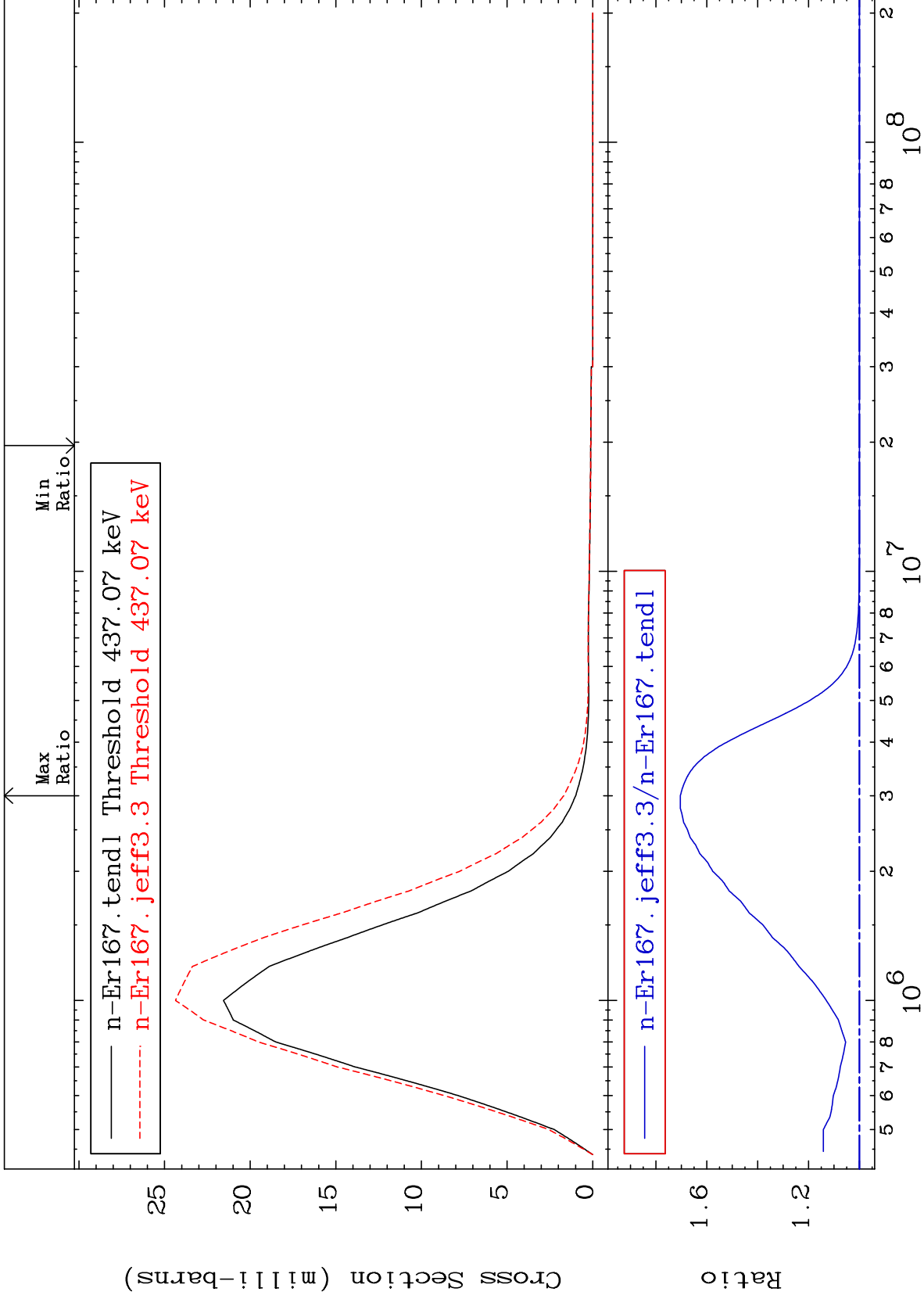
68-Er-167  
To 1317. %



MAT 6840

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

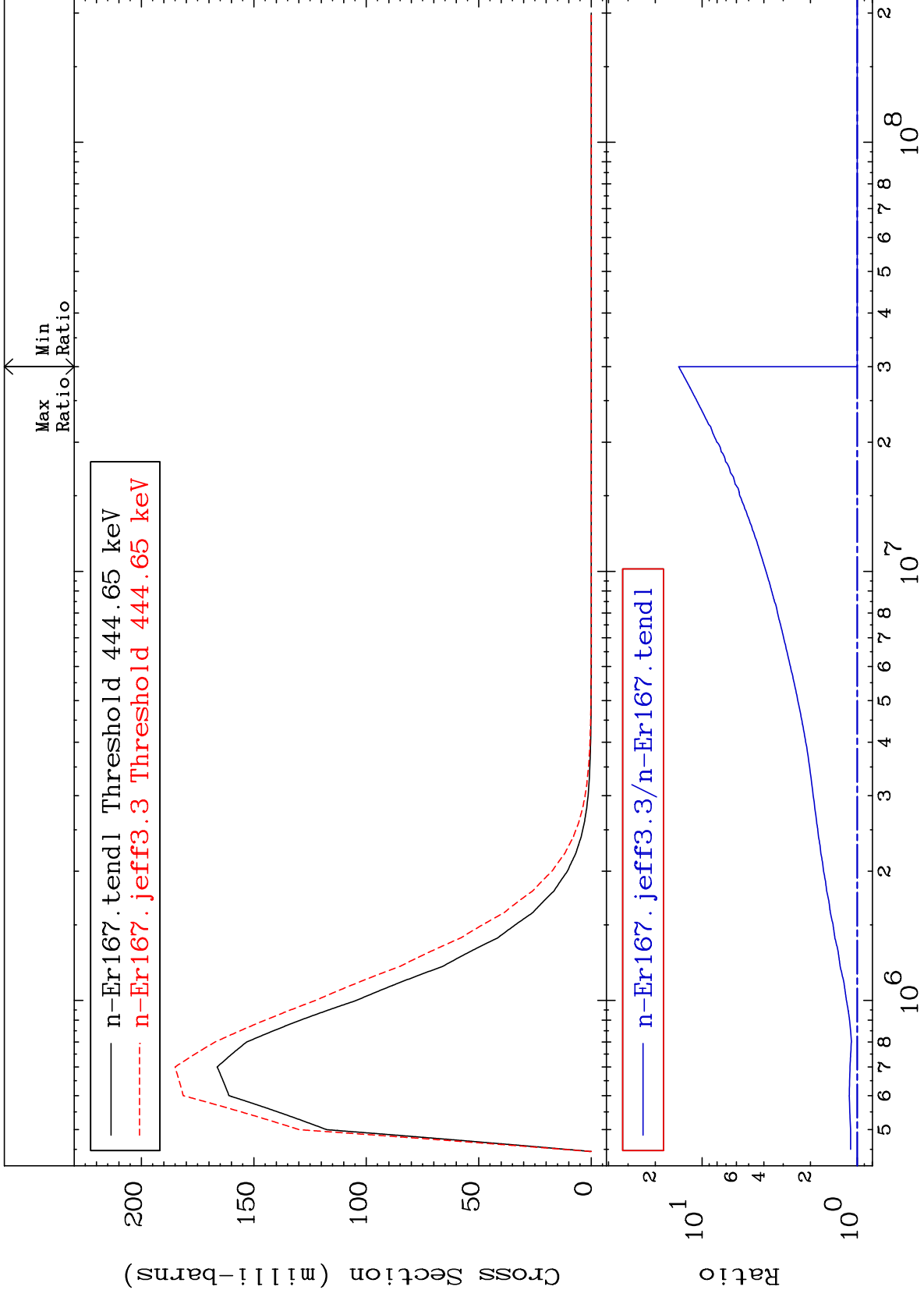
68-Er-167  
0.000 To 70.39 %



MAT 6840

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

68-Er-167  
To 1315. %



30

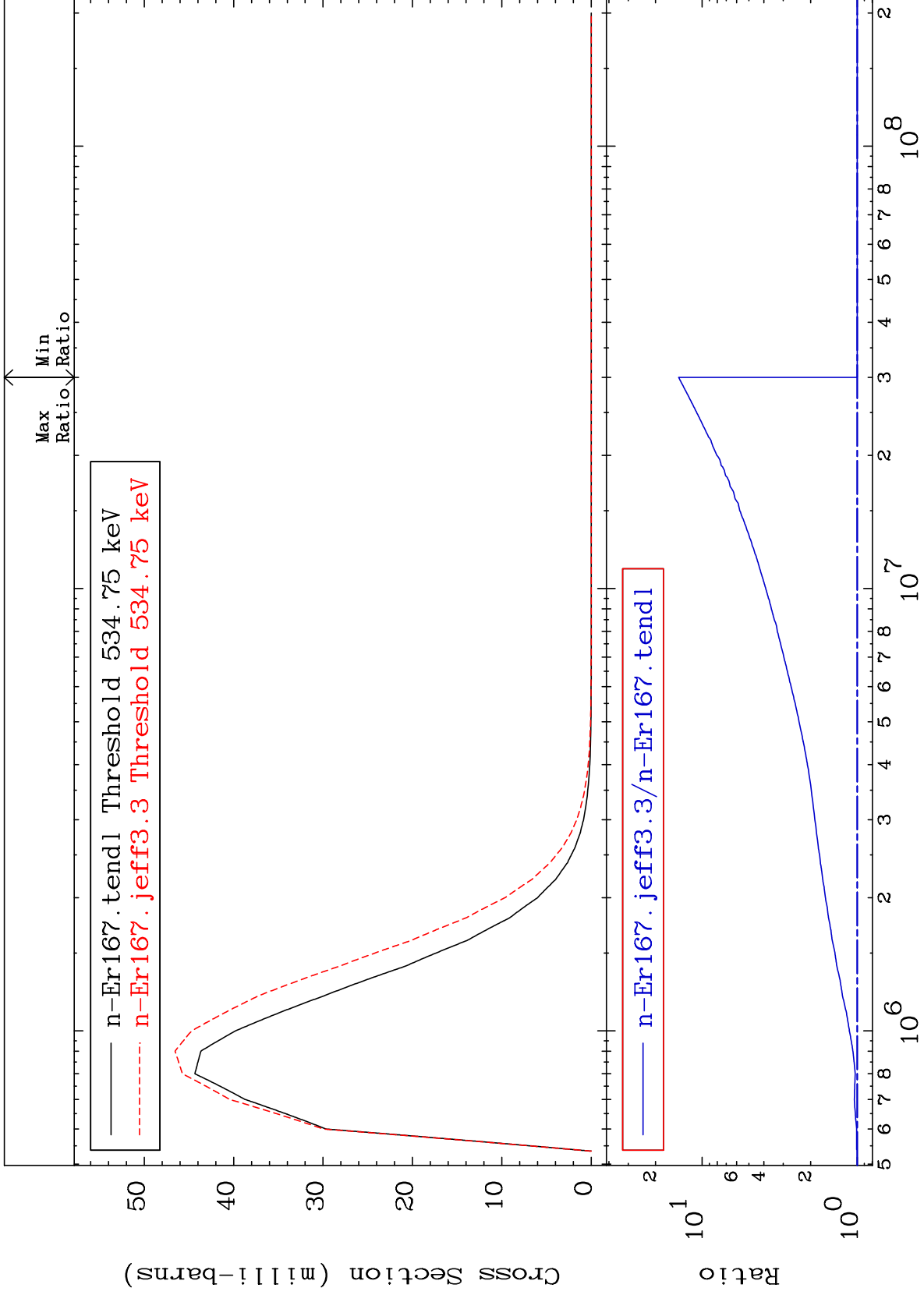
Incident Energy (eV)

68-Er-167

MAT 6840

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

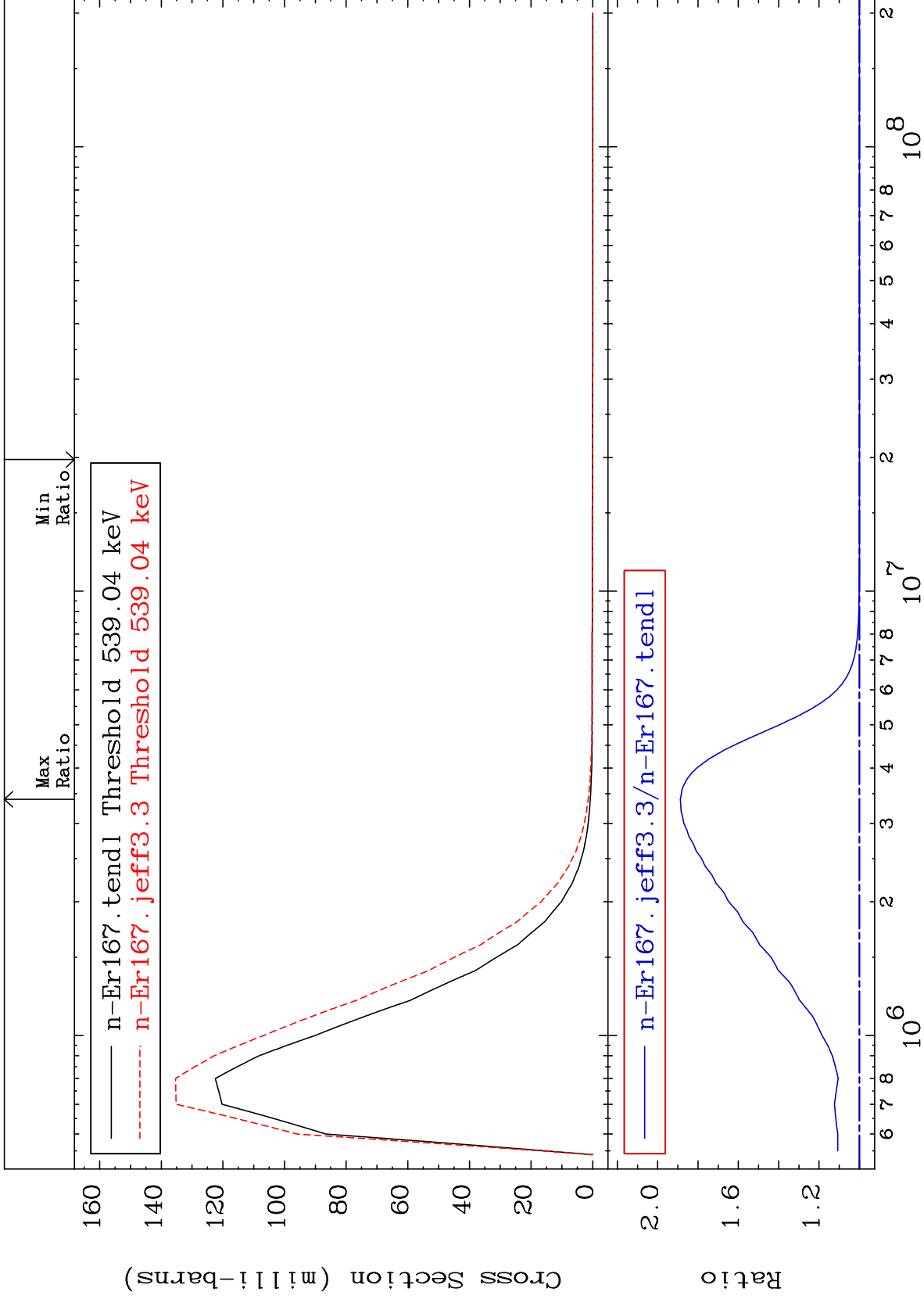
68-Er-167  
0.000 To 1319. %



MAT 6840

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

68-Er-167  
0.000 To 88.75 %

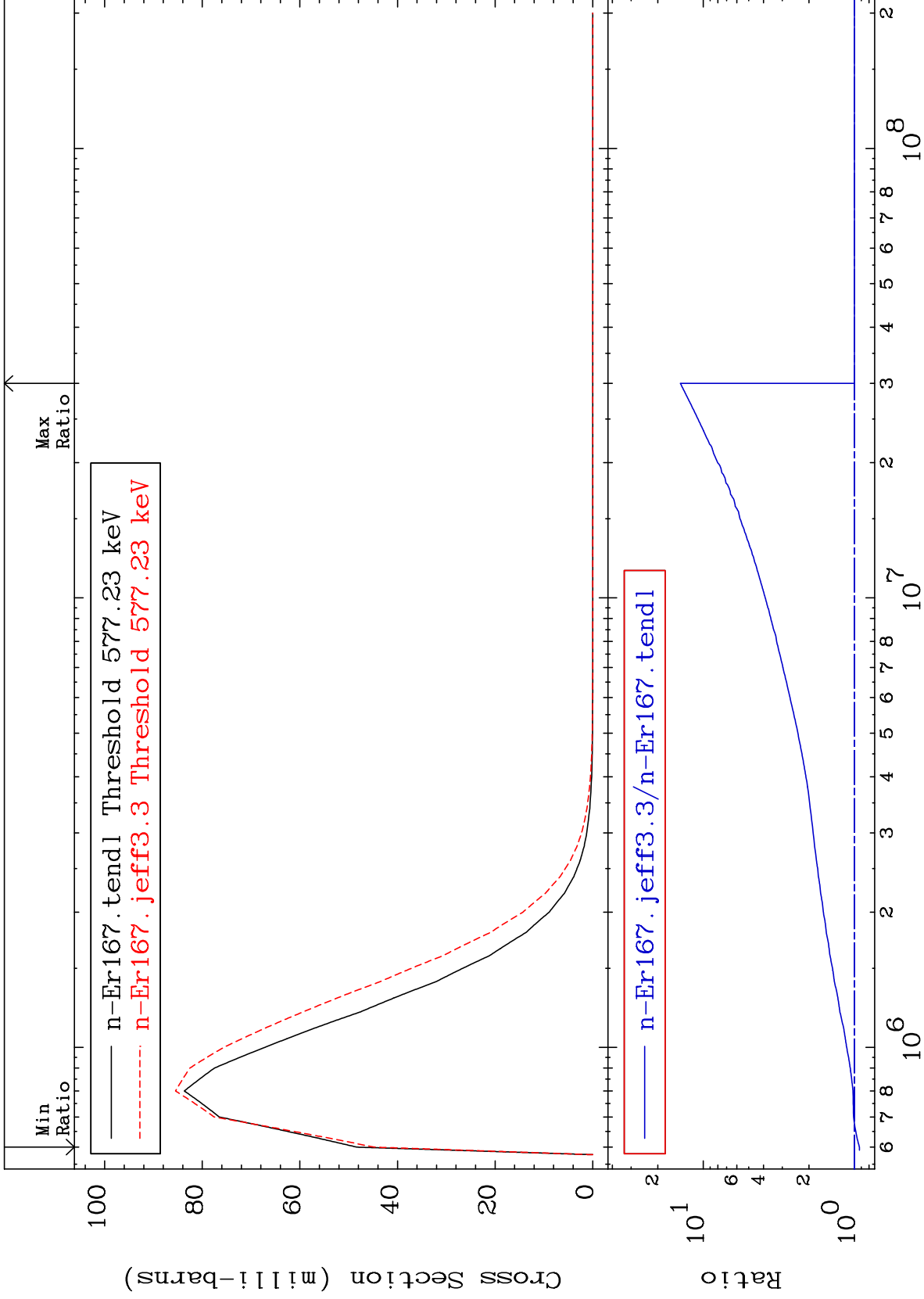




MAT 6840

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

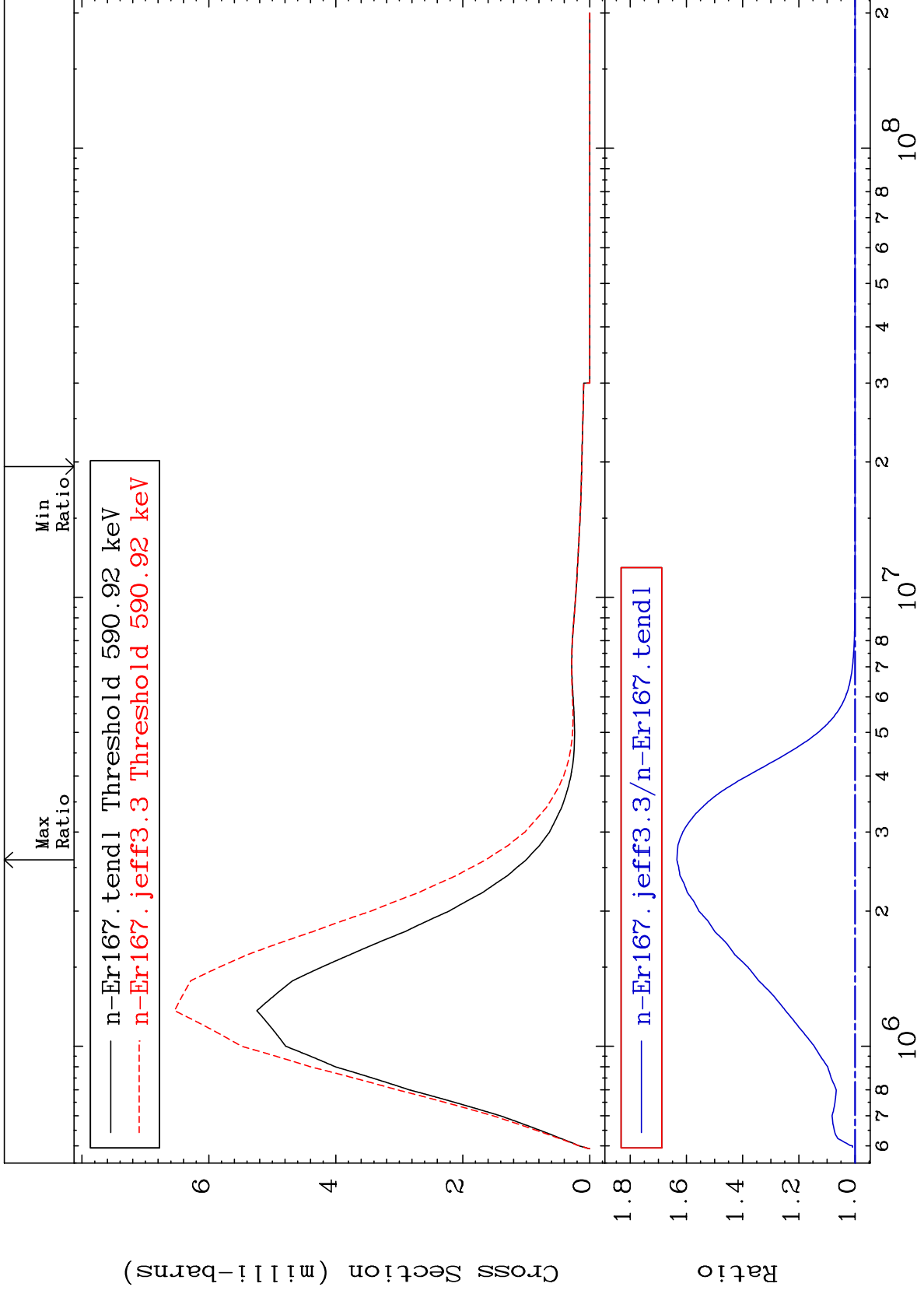
68-Er-167  
-7.385 To 1318. %



MAT 6840

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

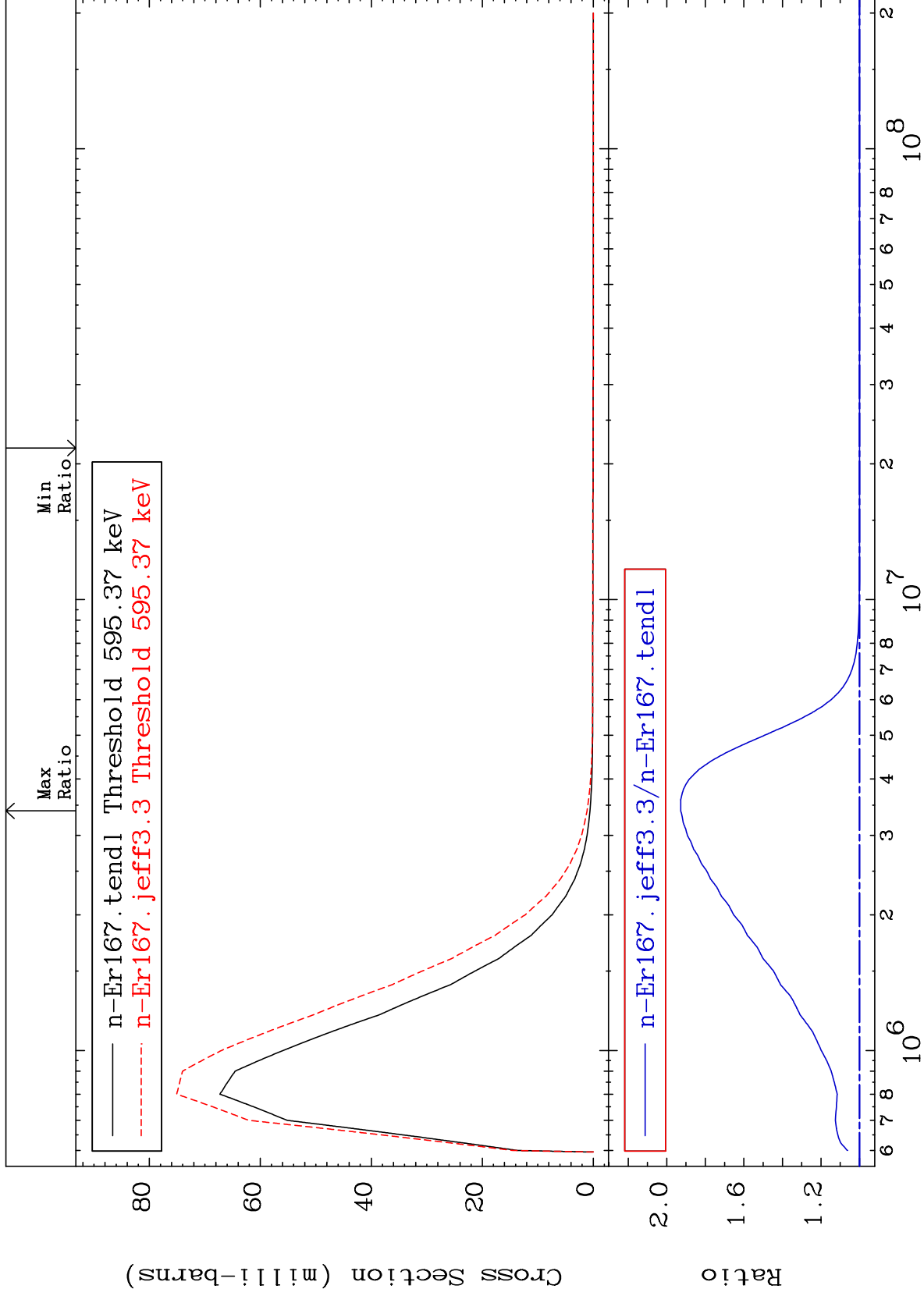
68-Er-167  
0.000 To 63.40 %



MAT 6840

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

68-Er-167  
0.000 To 92.72 %



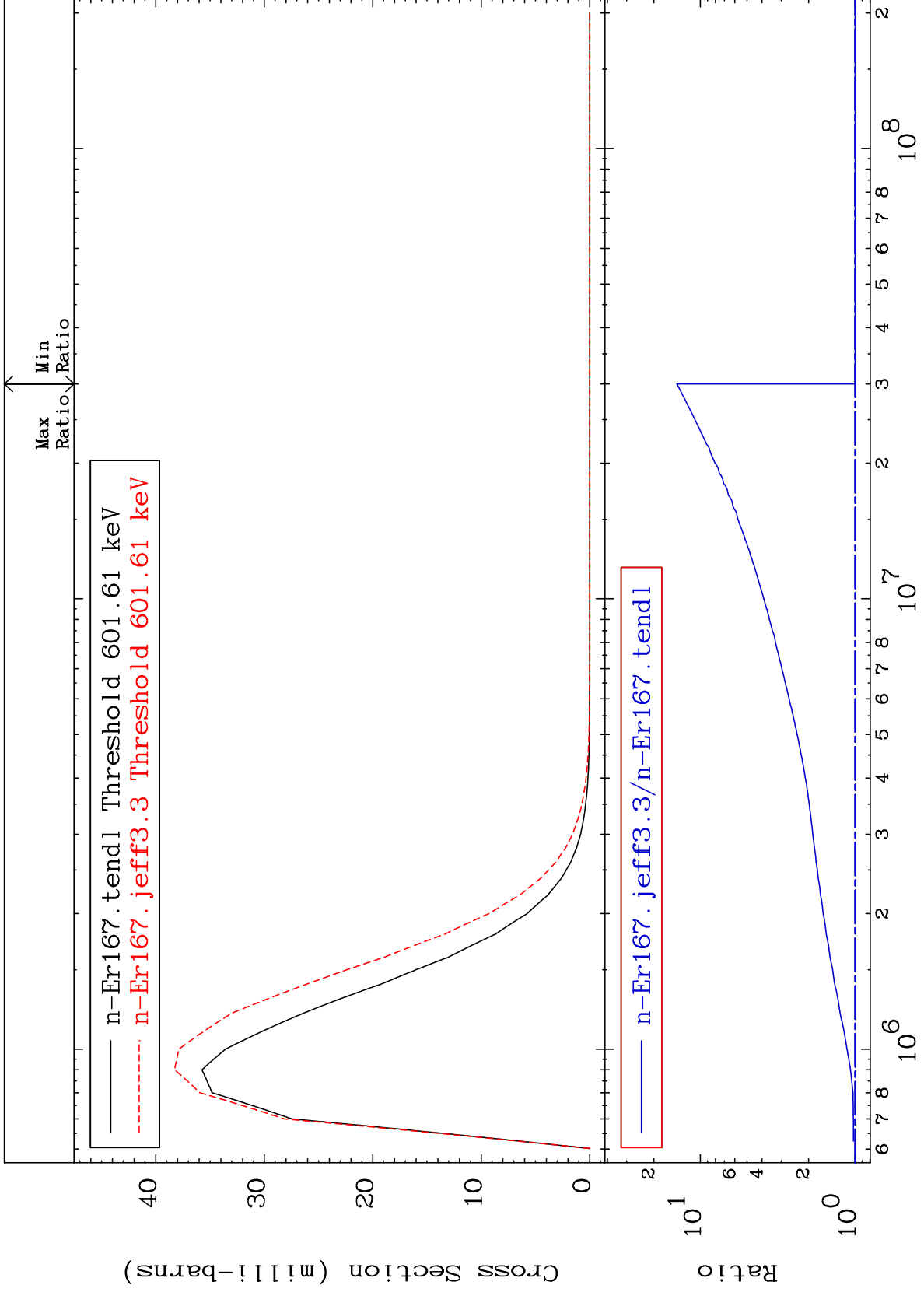
35

68-Er-167

MAT 6840

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

68-Er-167  
To 1319. %



36

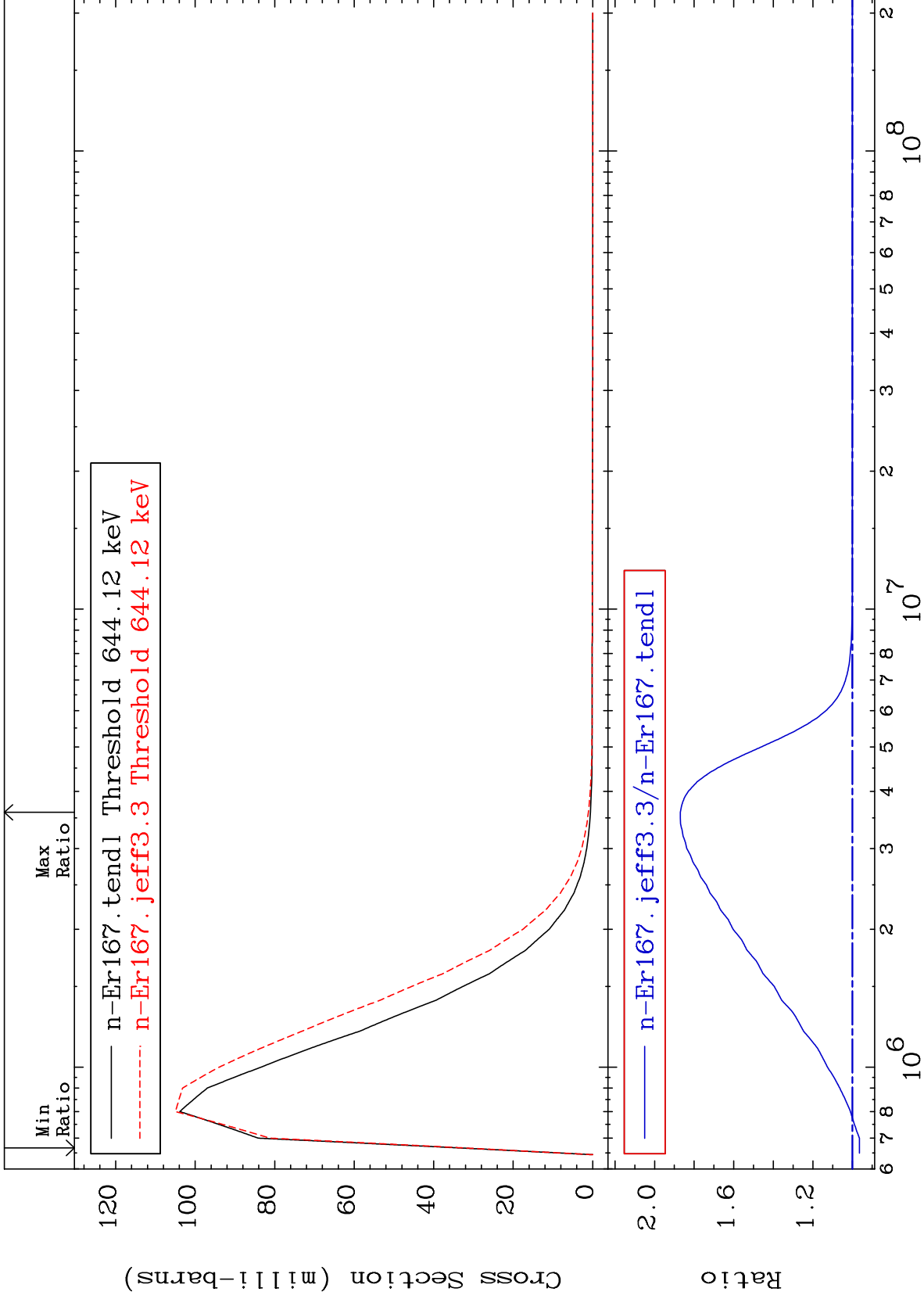
Incident Energy (eV)

68-Er-167

MAT 6840

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

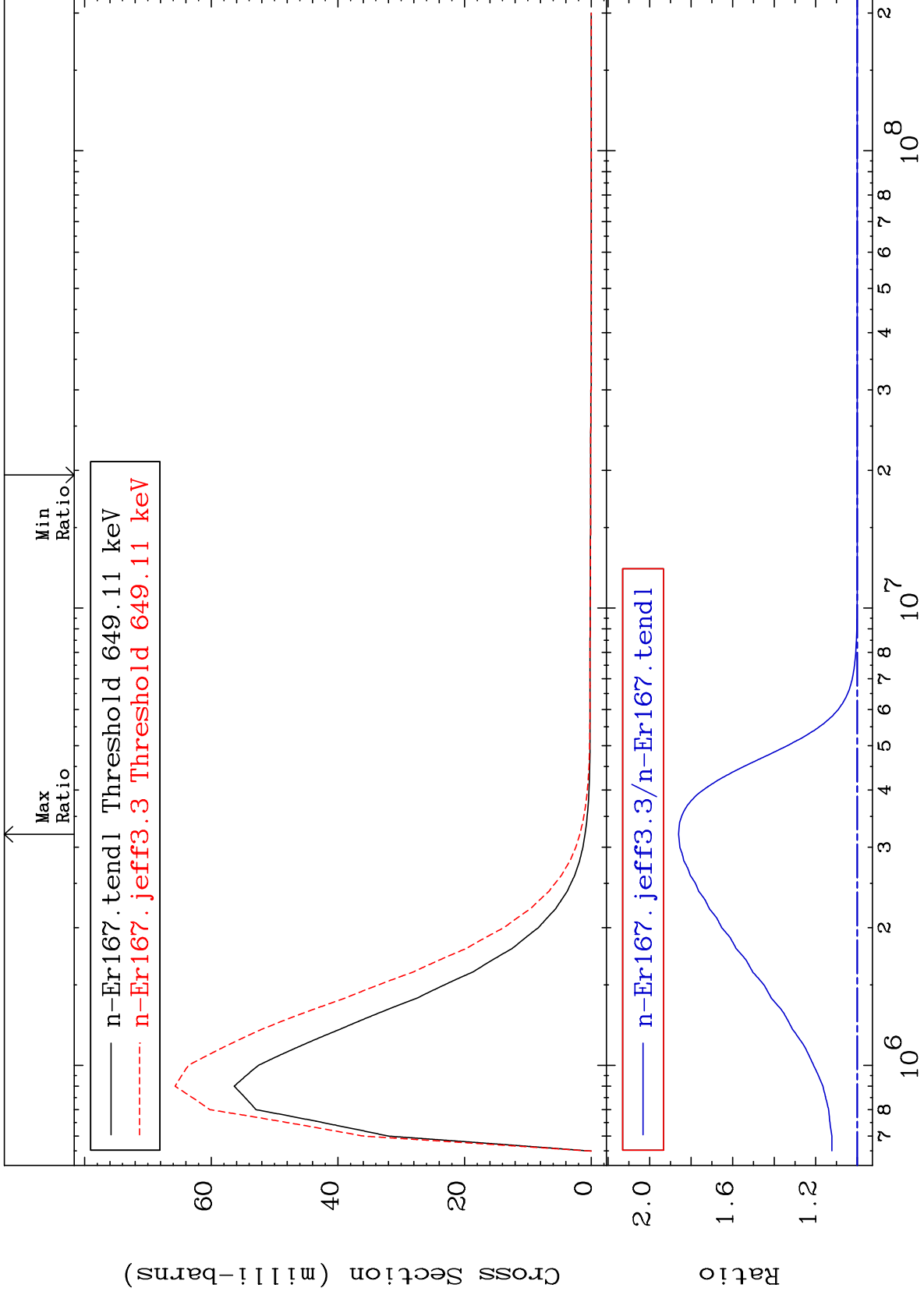
68-Er-167  
-3.533 To 86.97 %



MAT 6840

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

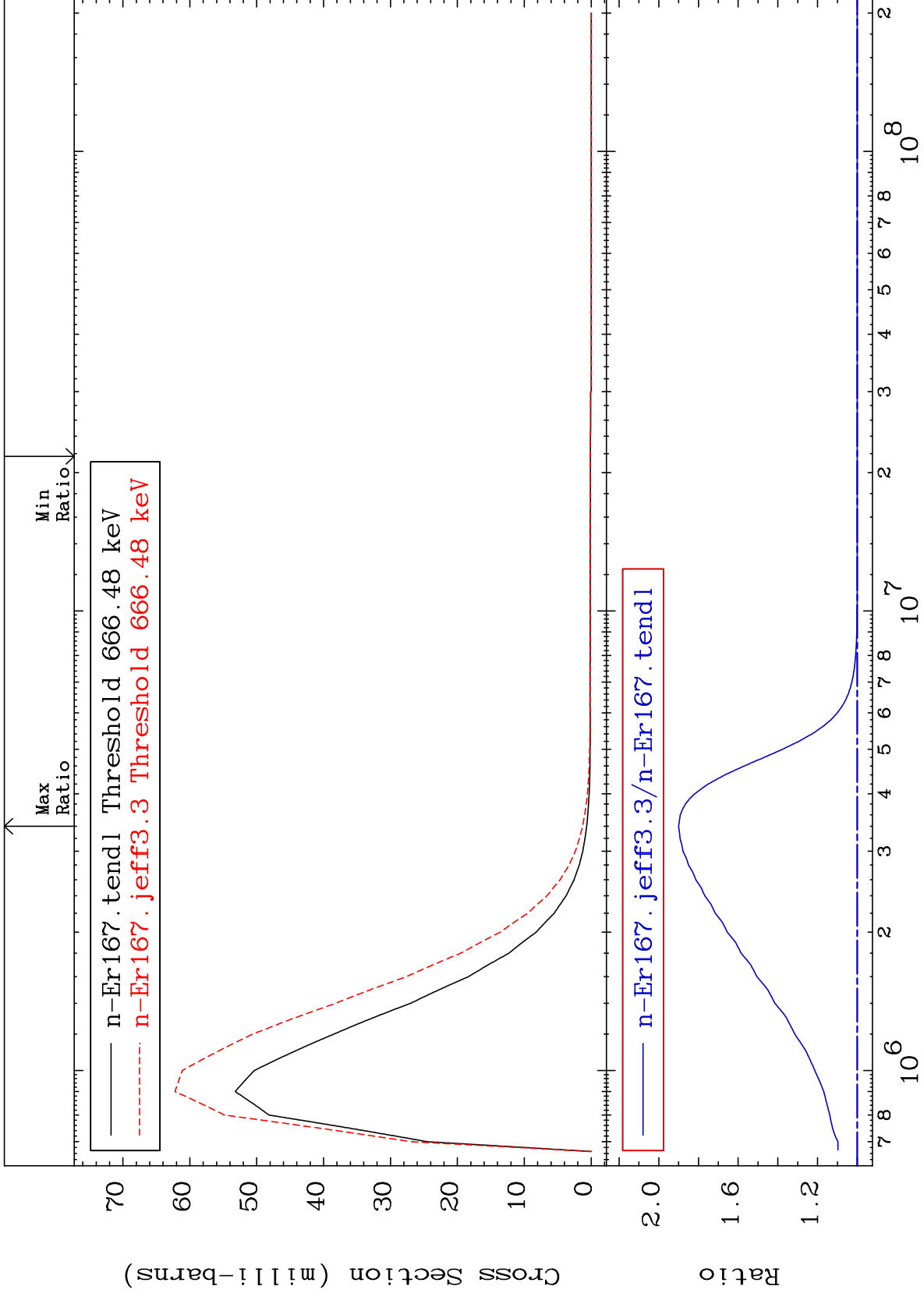
68-Er-167  
0.000 To 86.02 %



MAT 6840

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

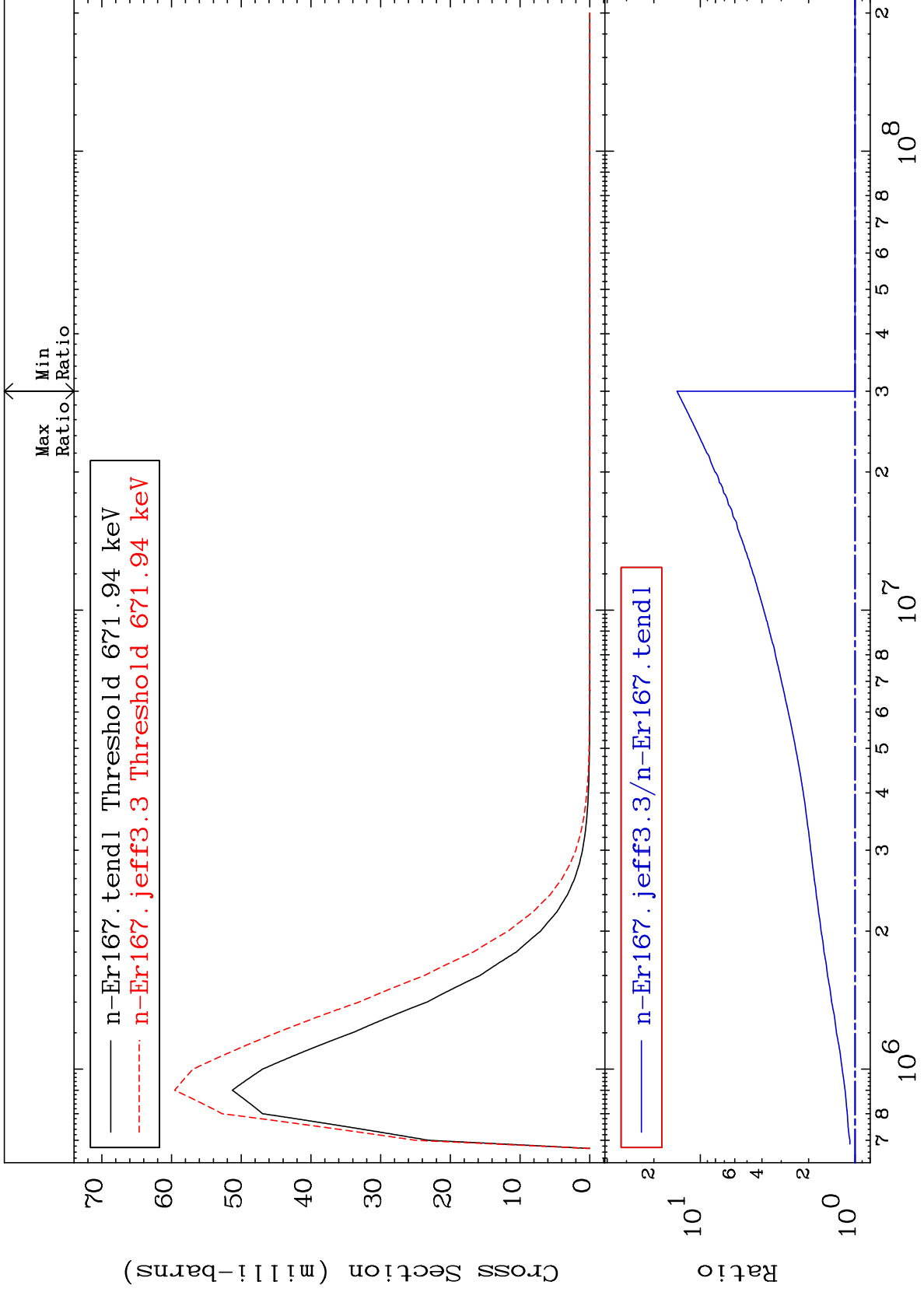
68-Er-167  
0.000 To 89.99 %



MAT 6840

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

68-Er-167  
0.000 To 1318. %



40

Incident Energy (eV)

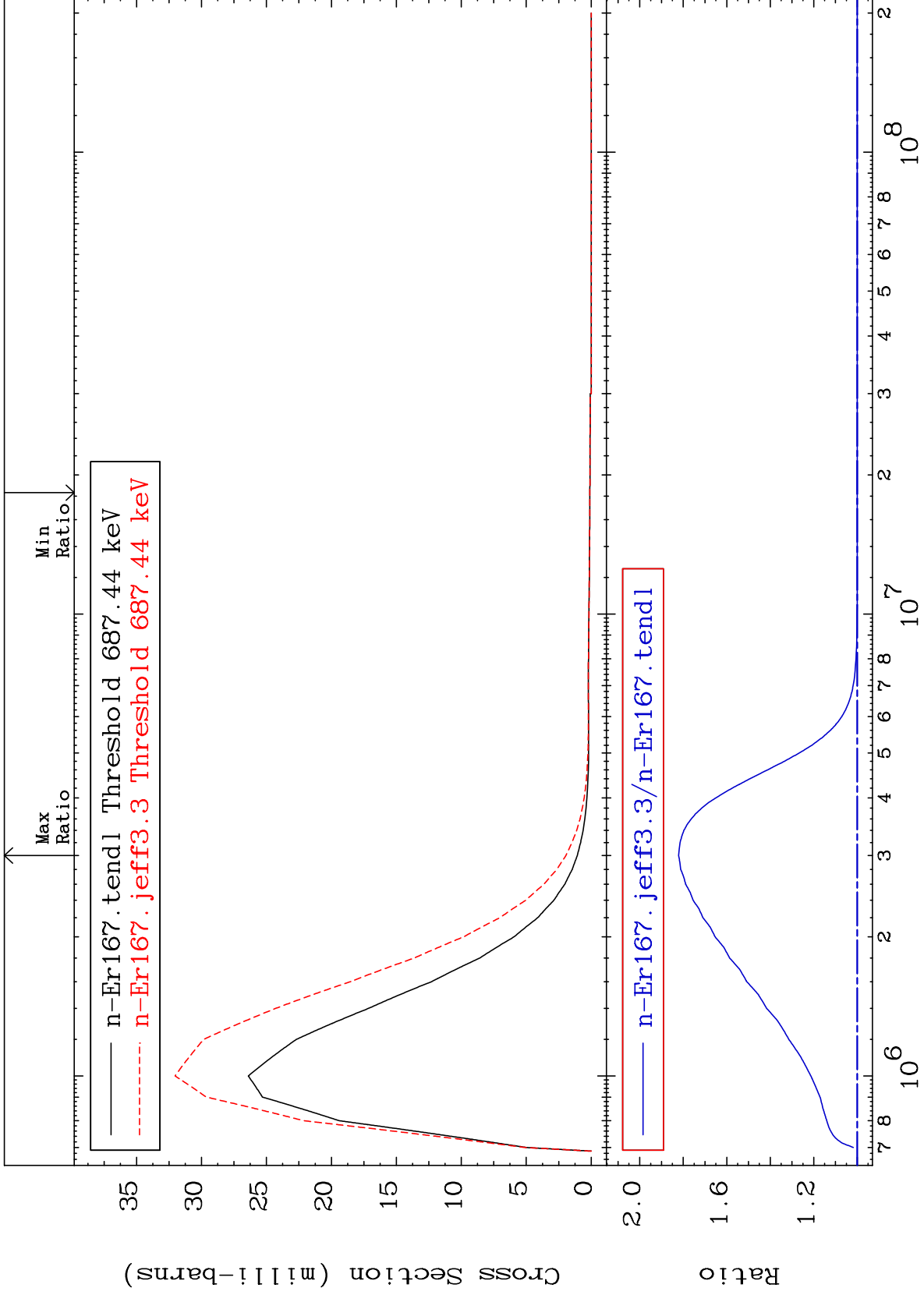
68-Er-167



MAT 6840

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

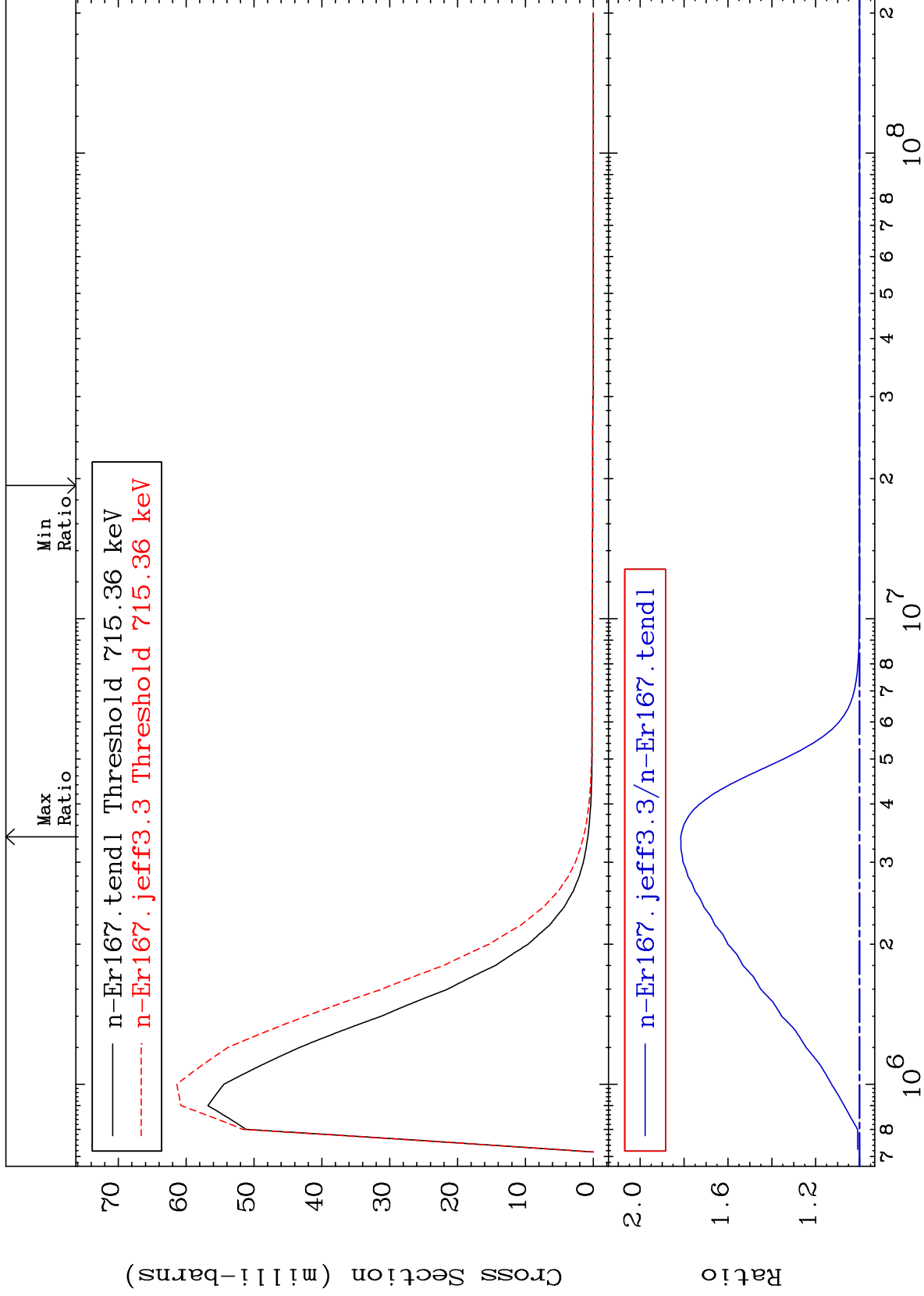
68-Er-167  
0.000 To 82.12 %



MAT 6840

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

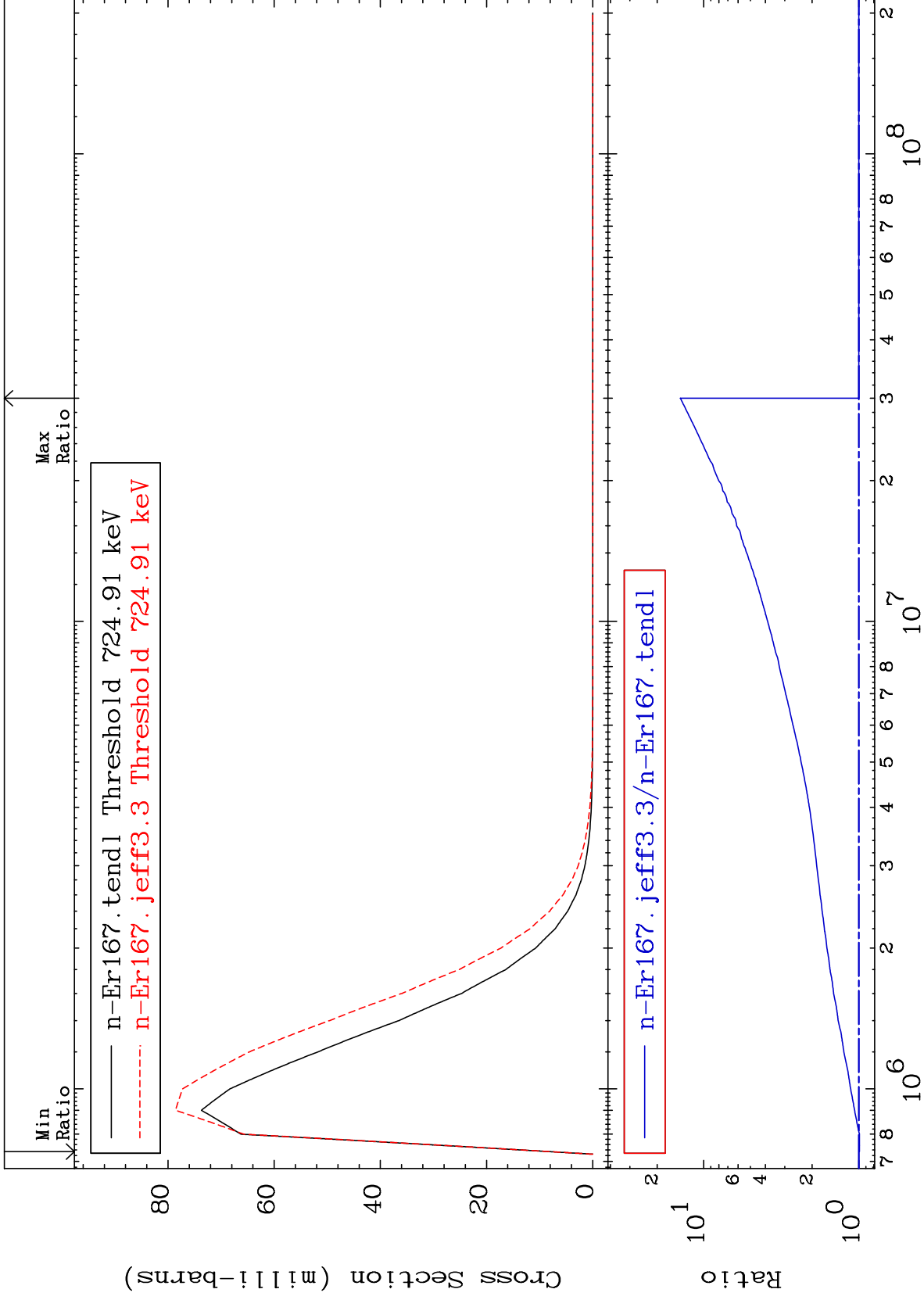
68-Er-167  
0.000 To 81.51 %



MAT 6840

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

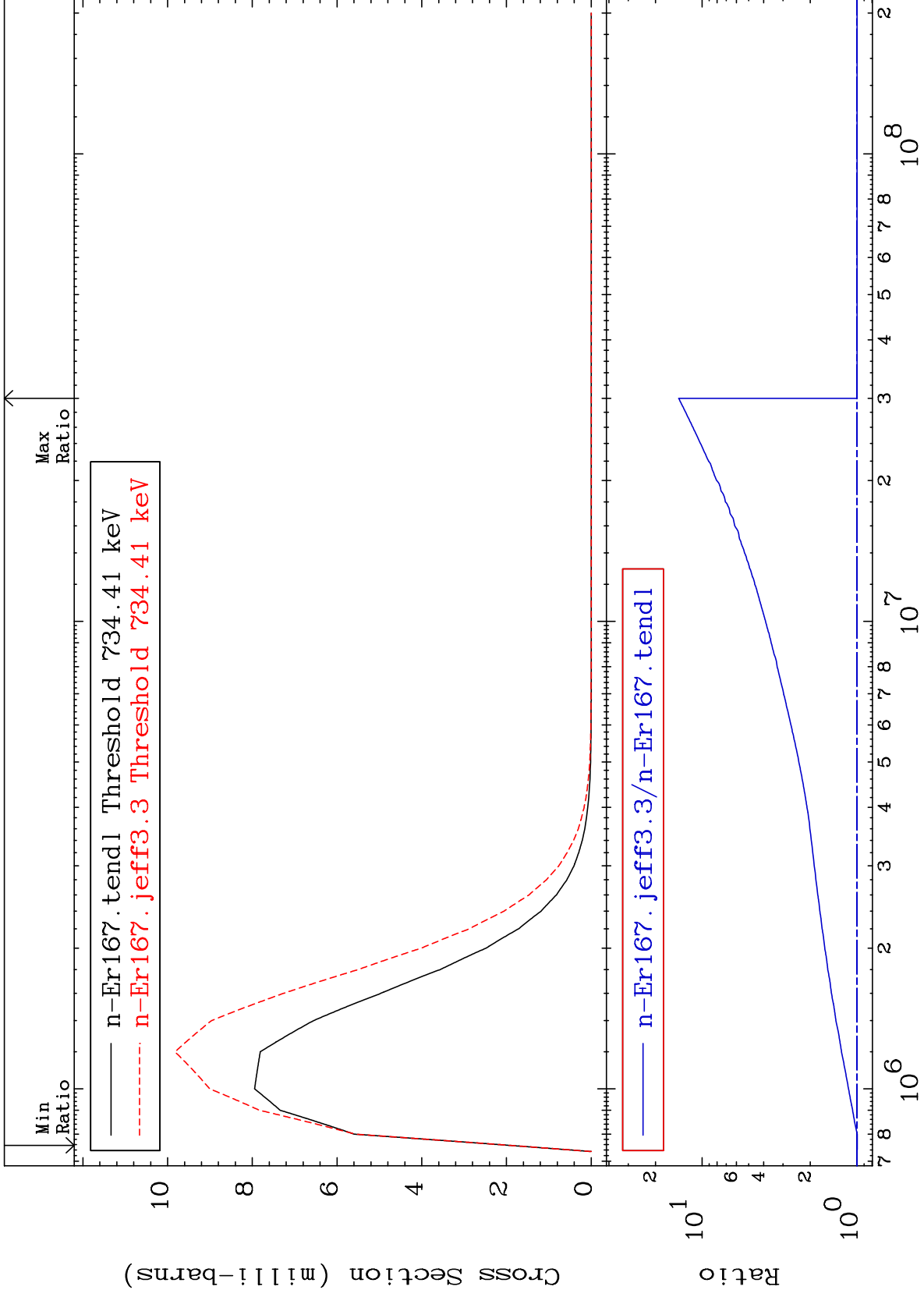
68-Er-167  
-0.840 To 1315. %



MAT 6840

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

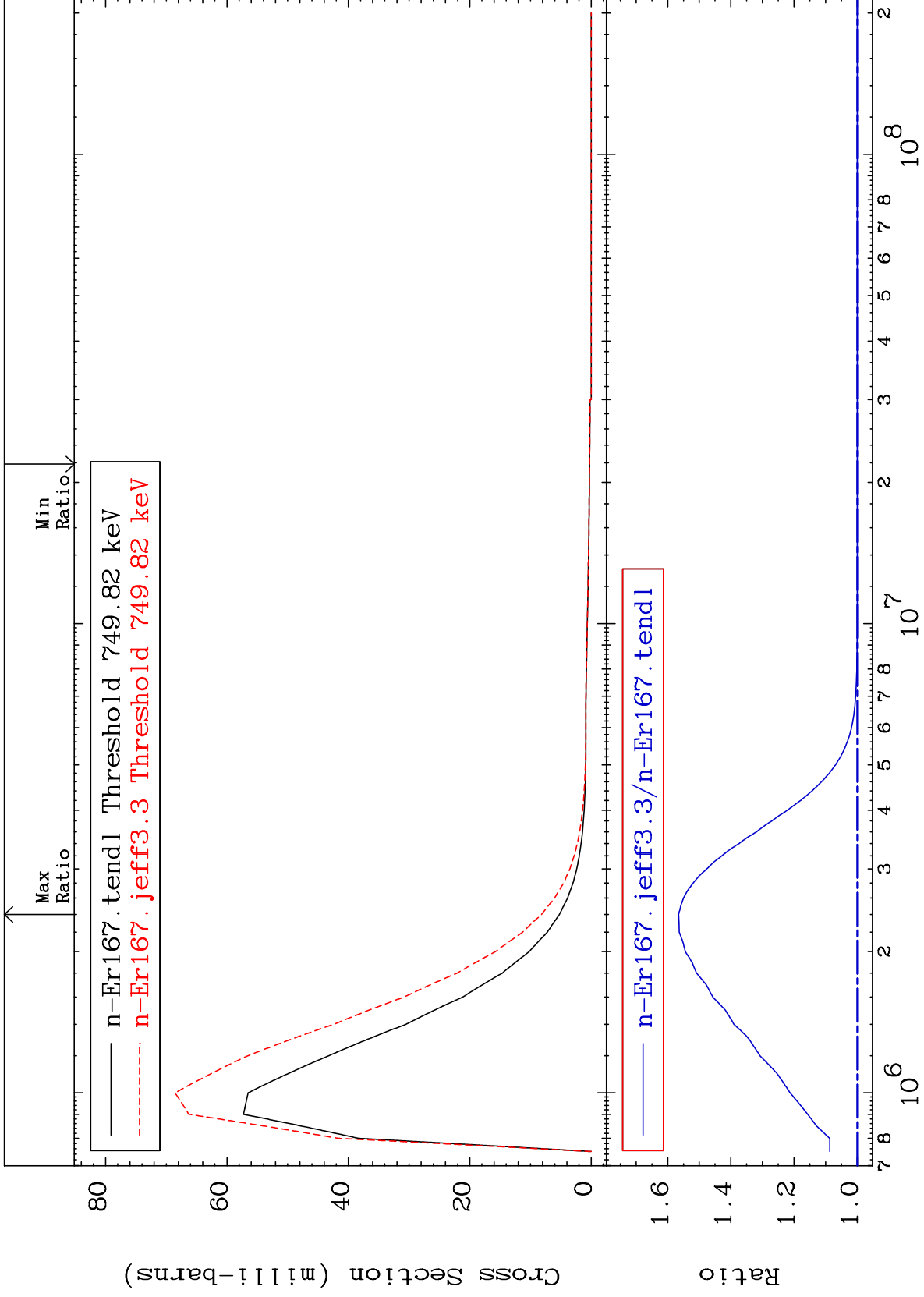
68-Er-167  
-0.466 To 1319. %



MAT 6840

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

68-Er-167  
0.000 To 56.53 %



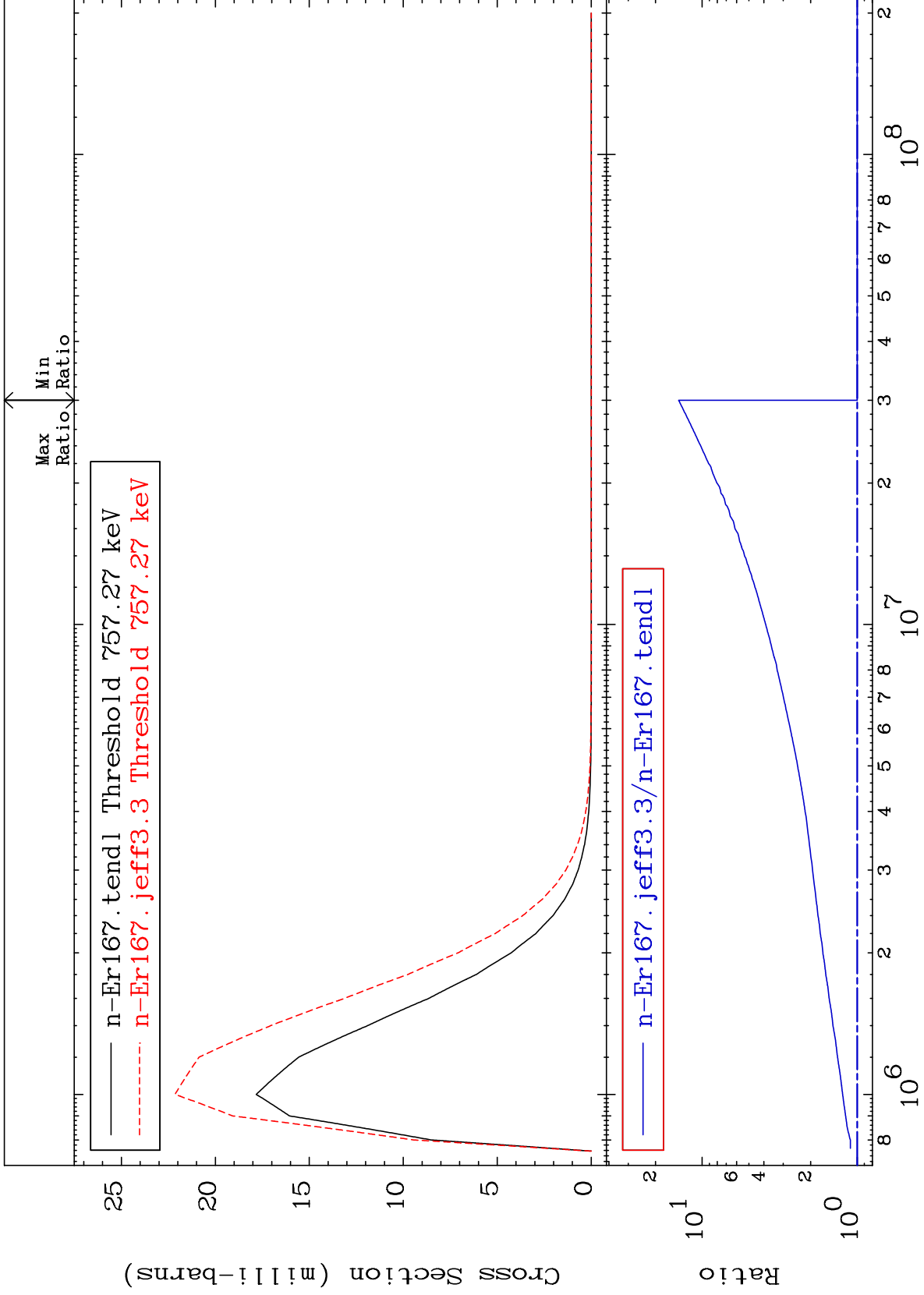
45

68-Er-167

MAT 6840

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

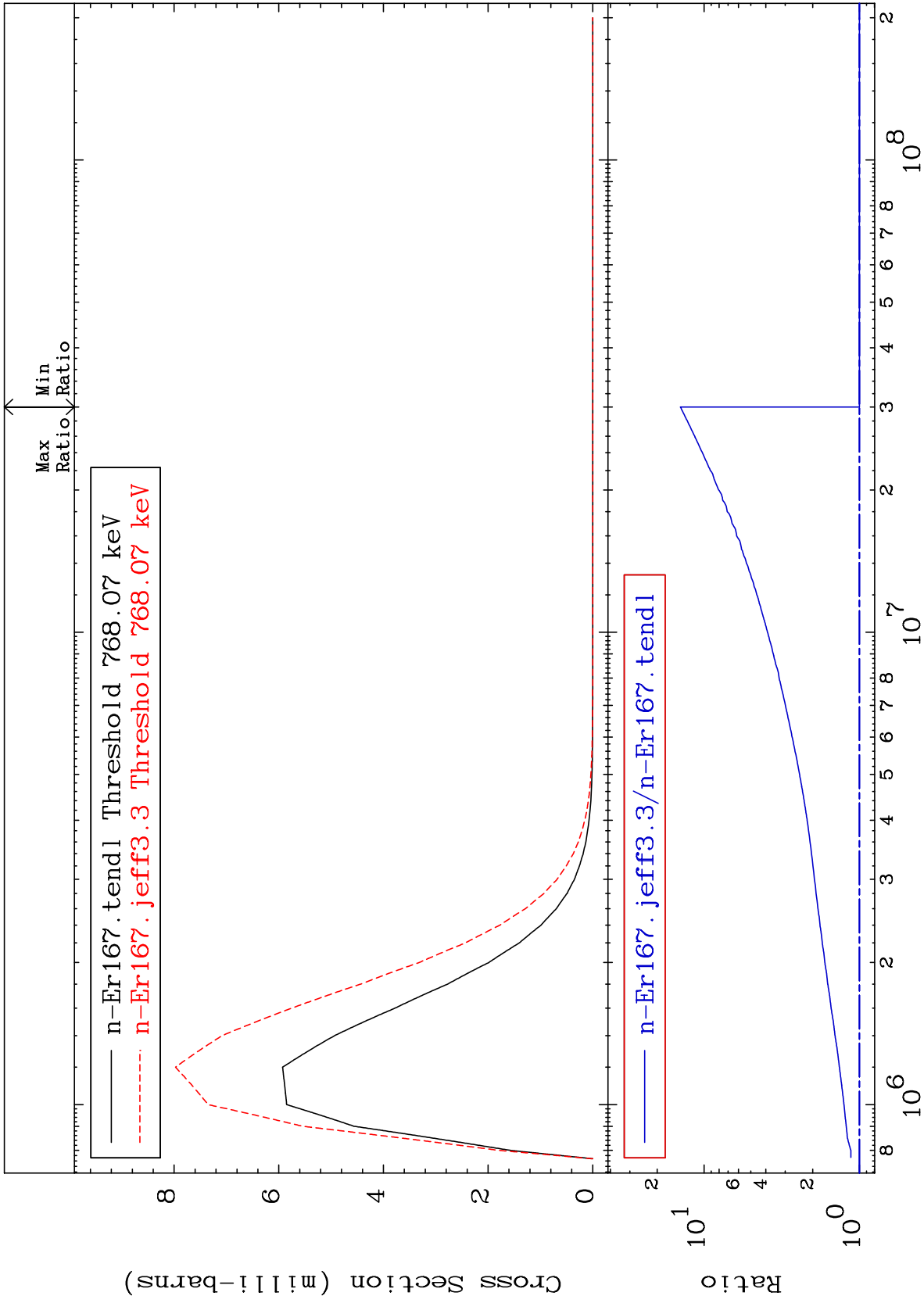
68-Er-167  
To 1319. %



MAT 6840

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

68-Er-167  
0.000 To 1319. %



47

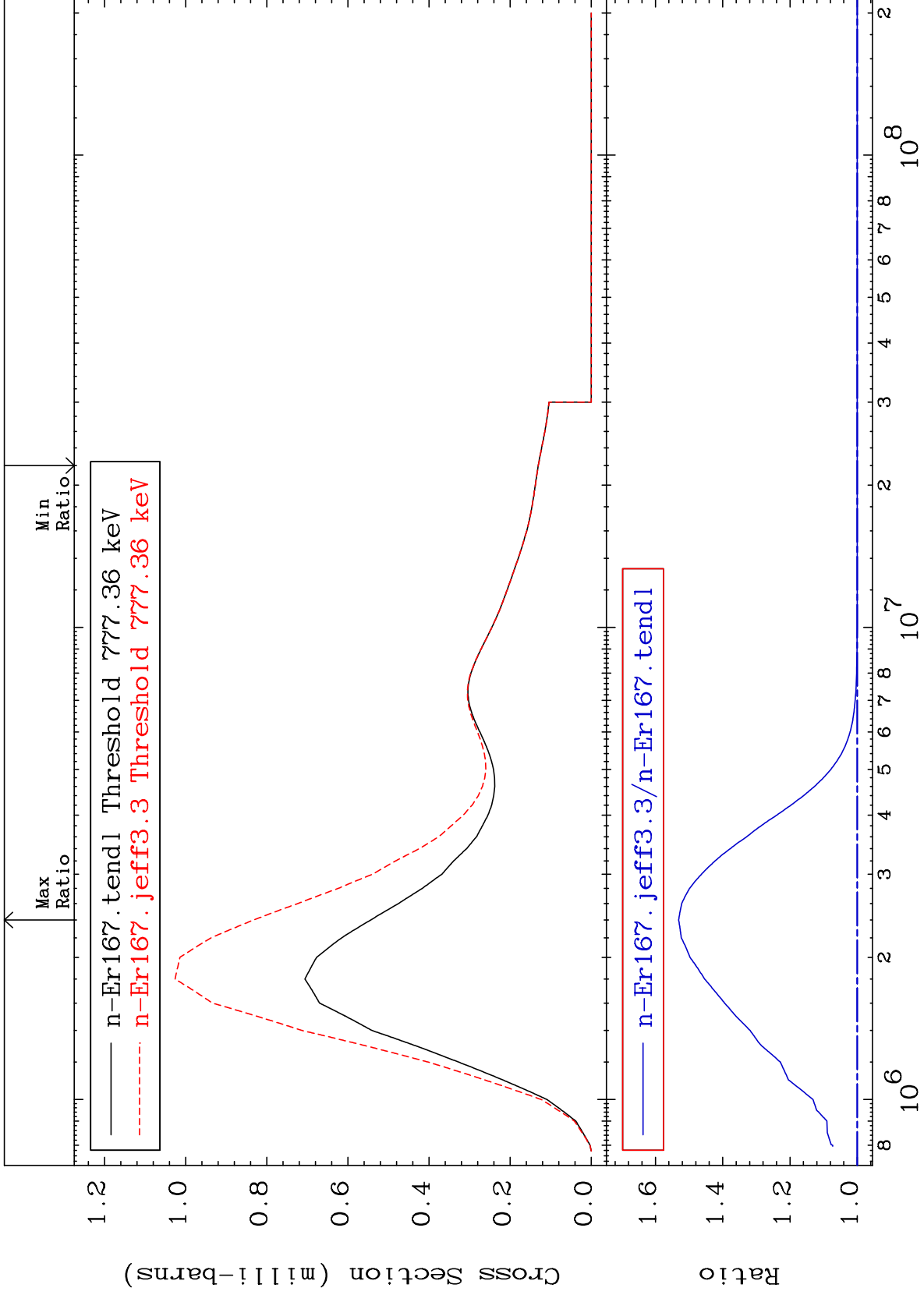
Incident Energy (eV)

68-Er-167

MAT 6840

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

68-Er-167  
0.000 To 53.10 %

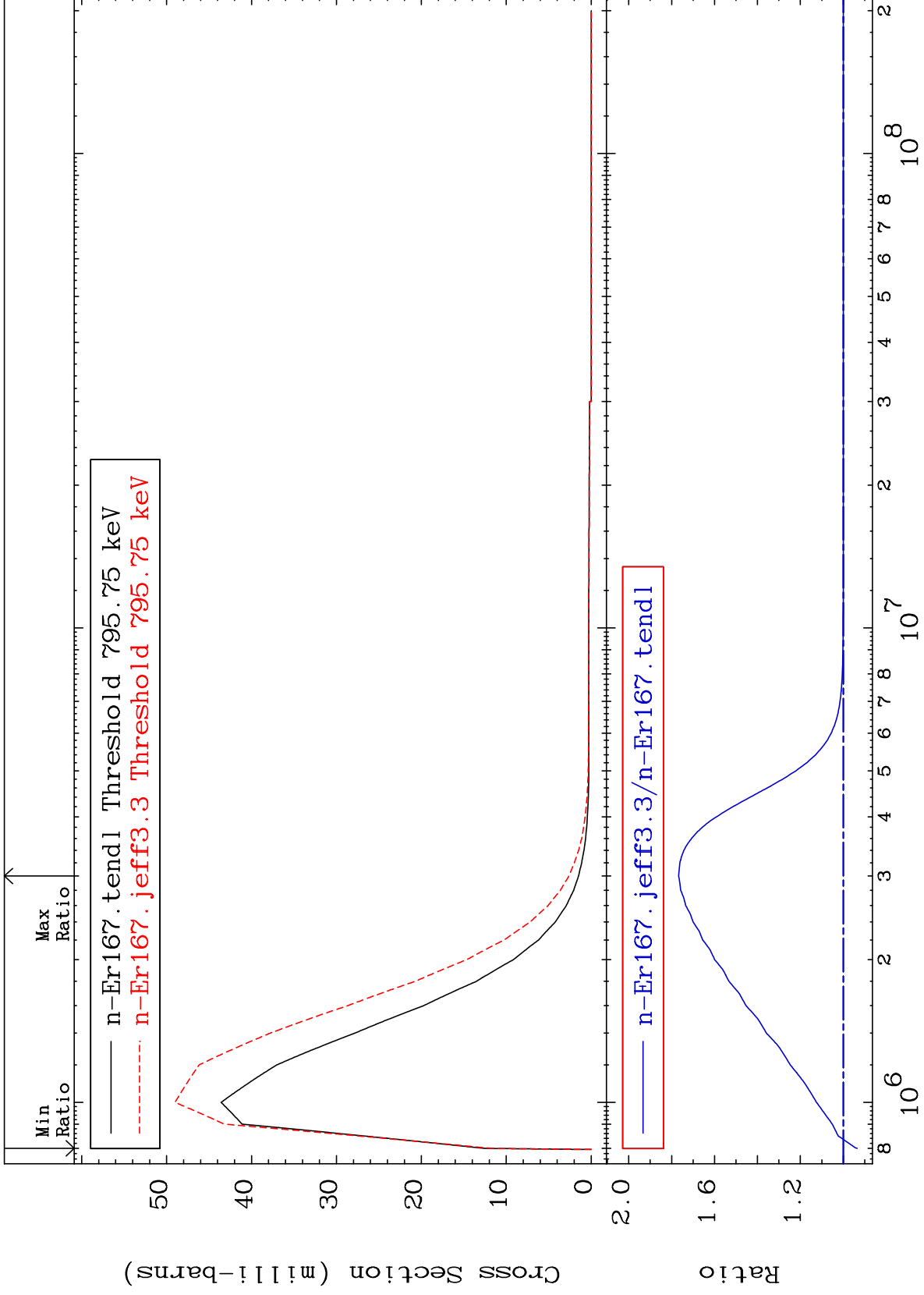




MAT 6840

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

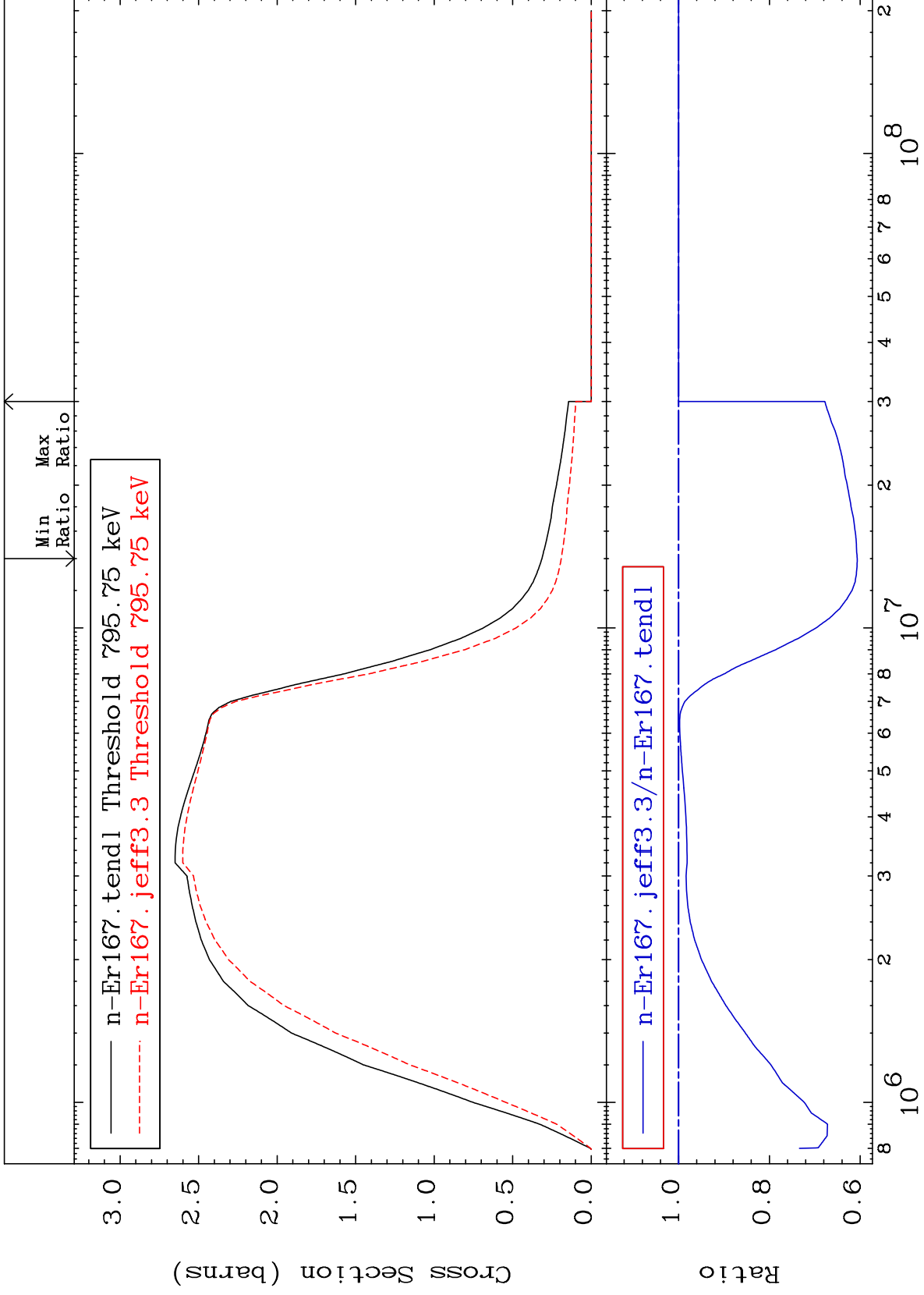
68-Er-167  
-6.529 To 76.74 %



MAT 6840

(n, n') Continuum  
Cross Section

68-Er-167  
-39.36 To 0.000 %



50

Incident Energy (eV)

68-Er-167

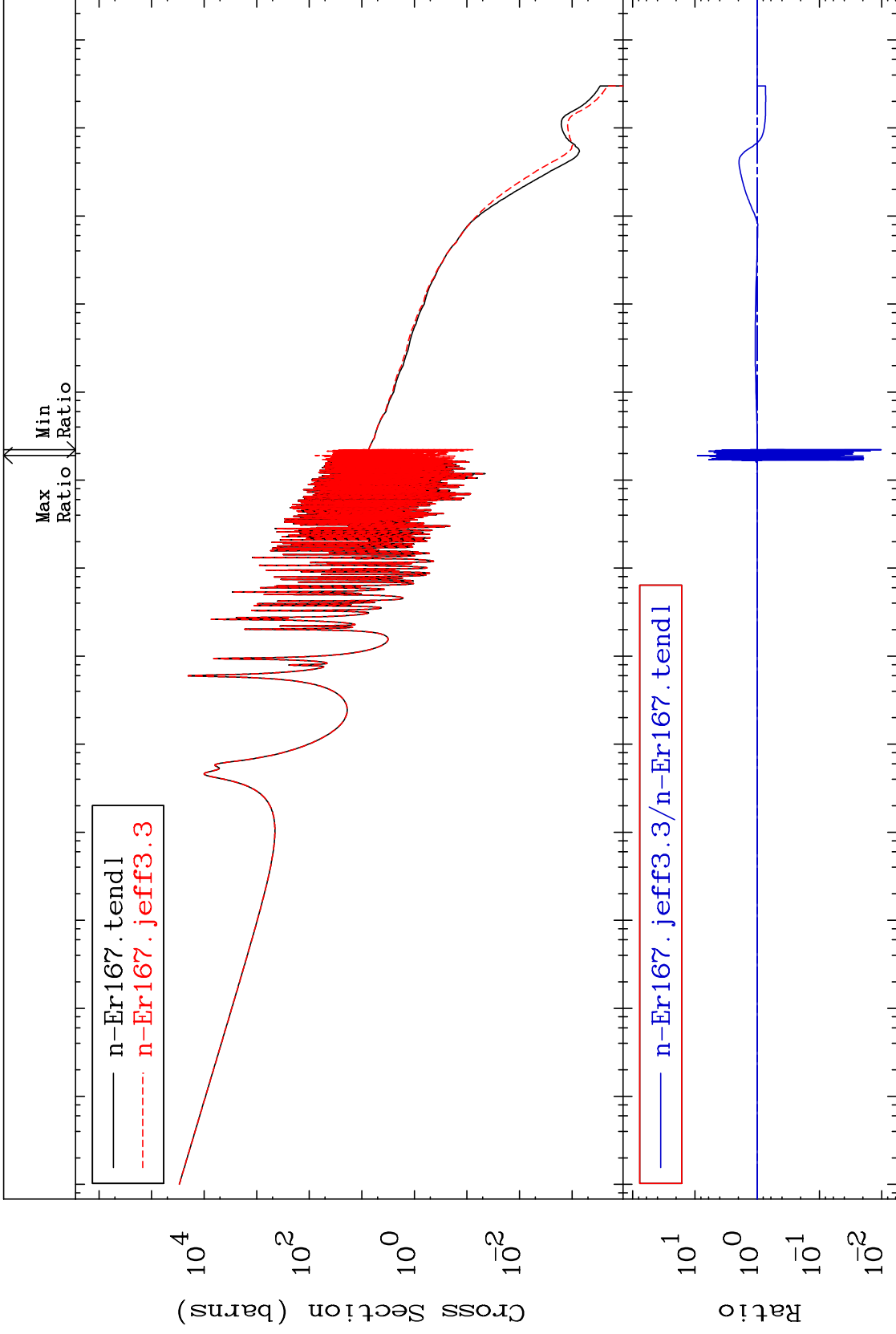
MAT 6840

(n,  $\gamma$ )

68-Er-167

Cross Section

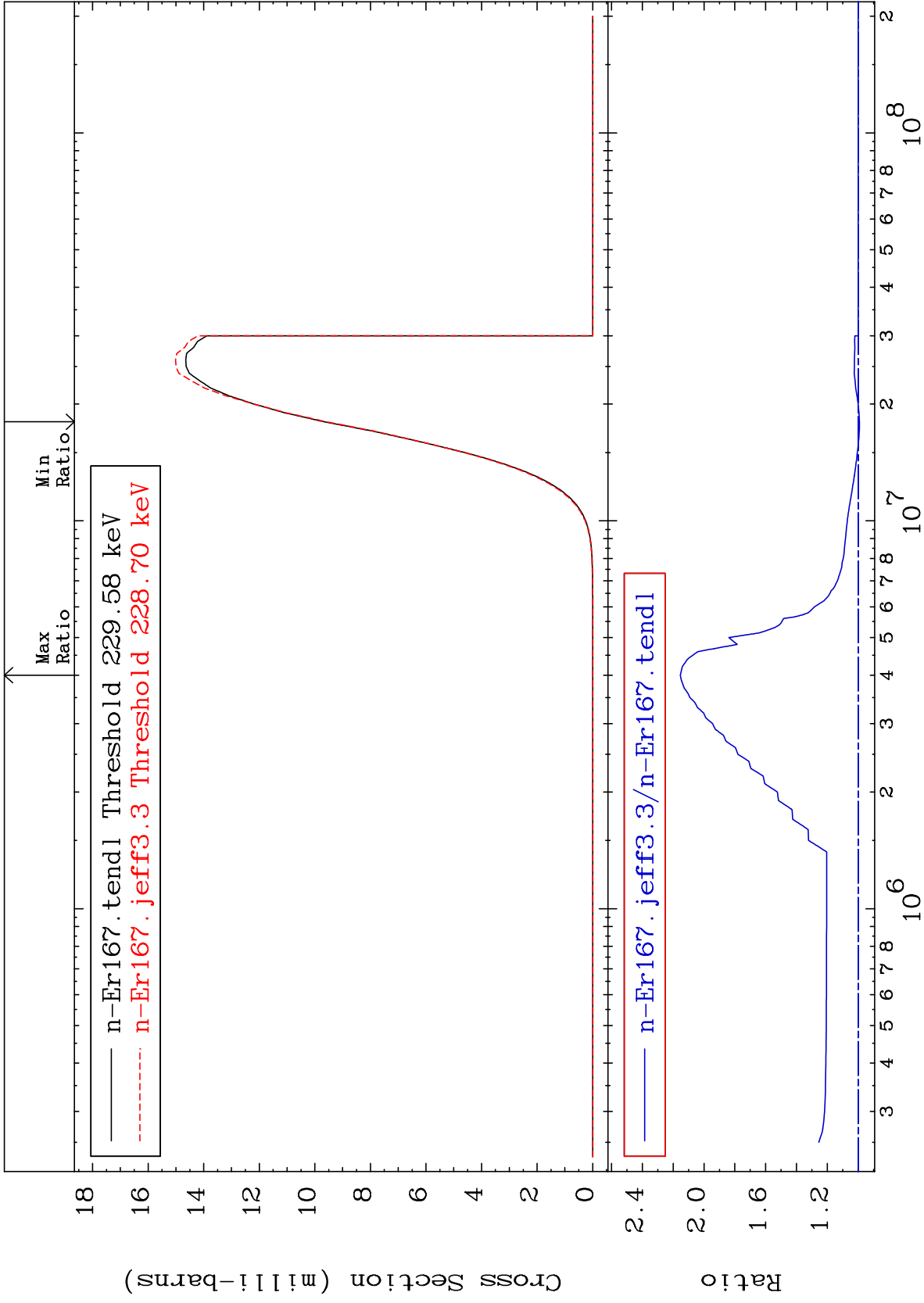
-98.98 To 814.2 %



51

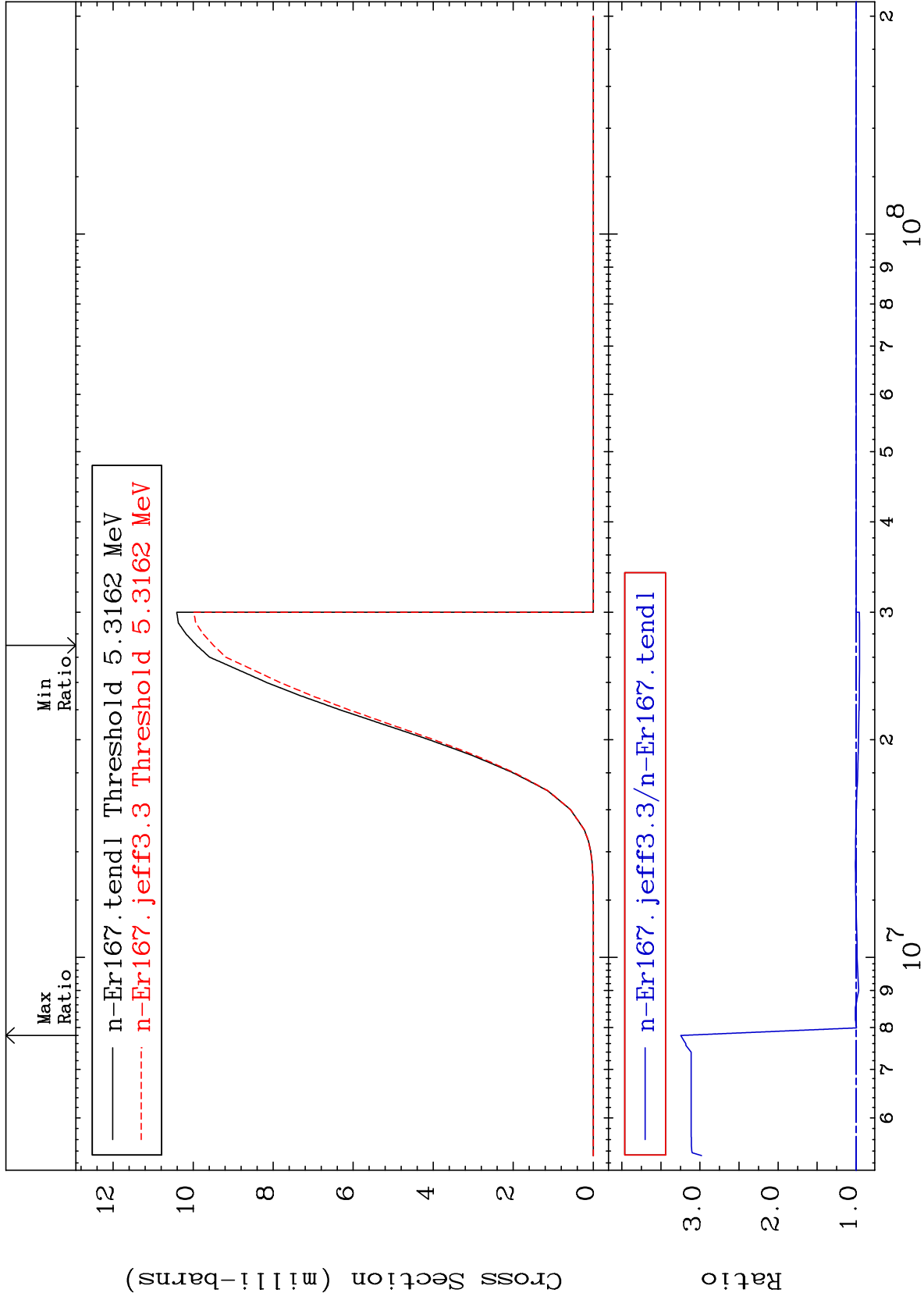
Incident Energy (eV)

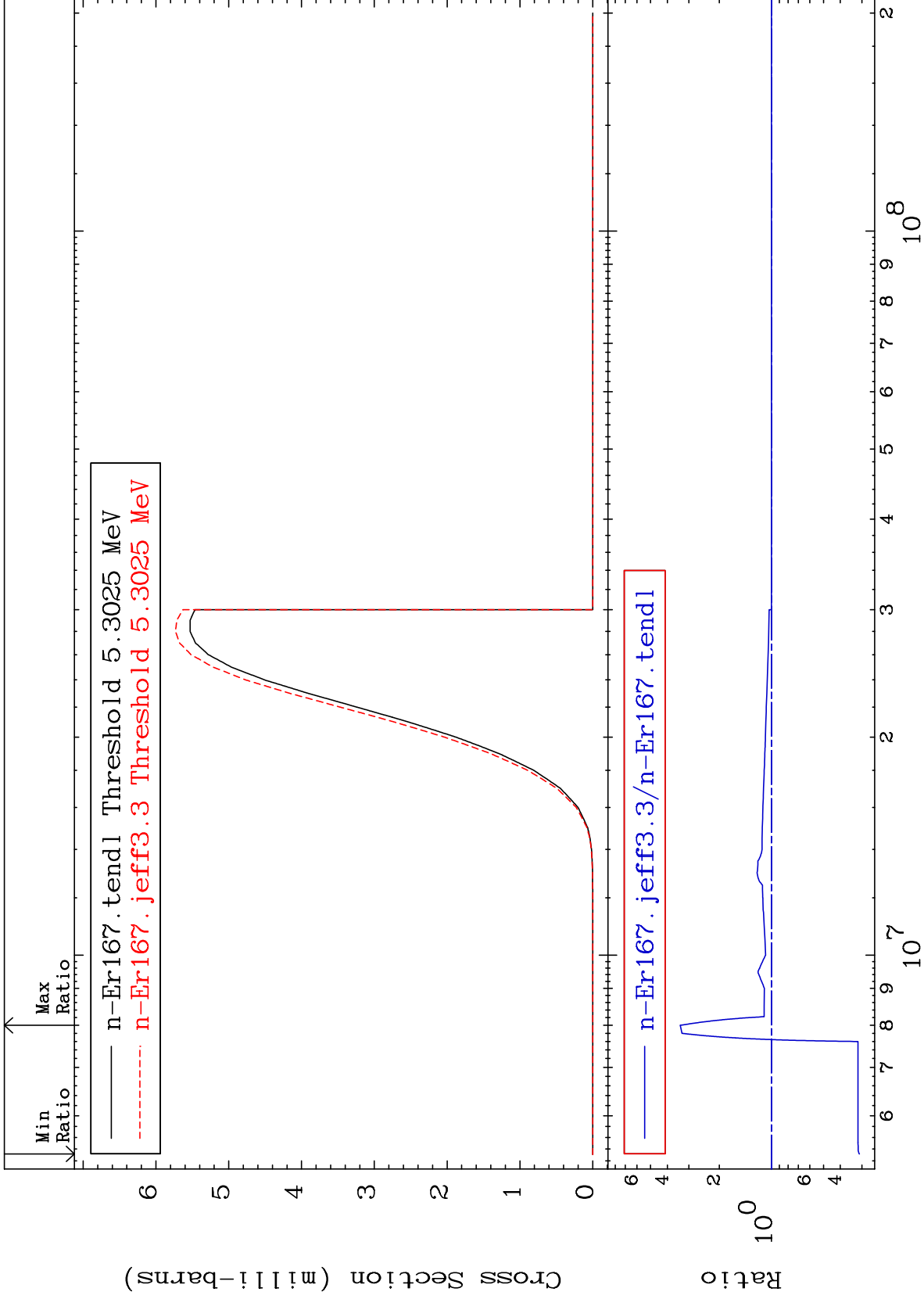
68-Er-167



Cross Section

-4.260 To 224.5 %





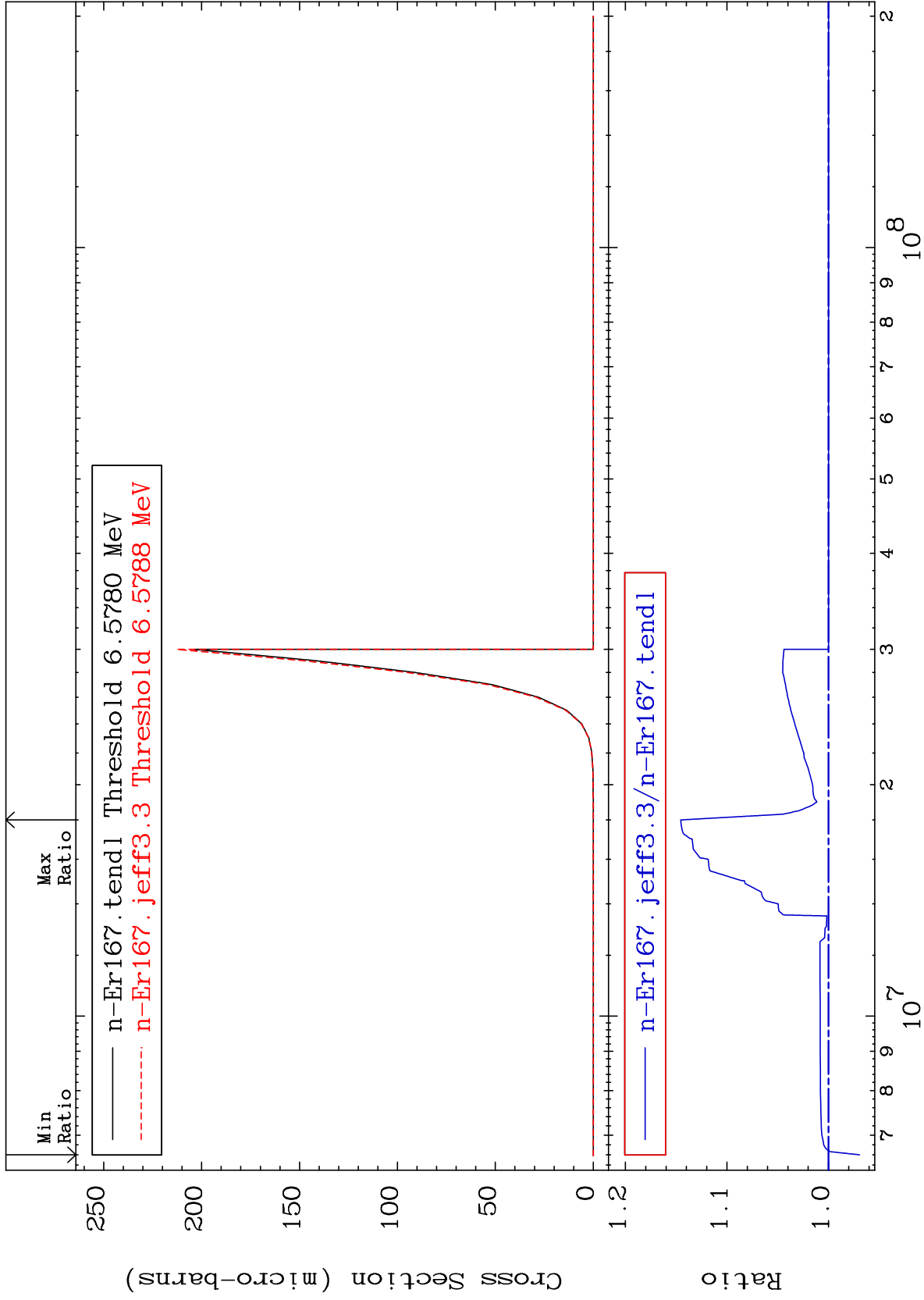
MAT 6840

(n, He-3)

68-Er-167

Cross Section

-3.061 To 14.55 %

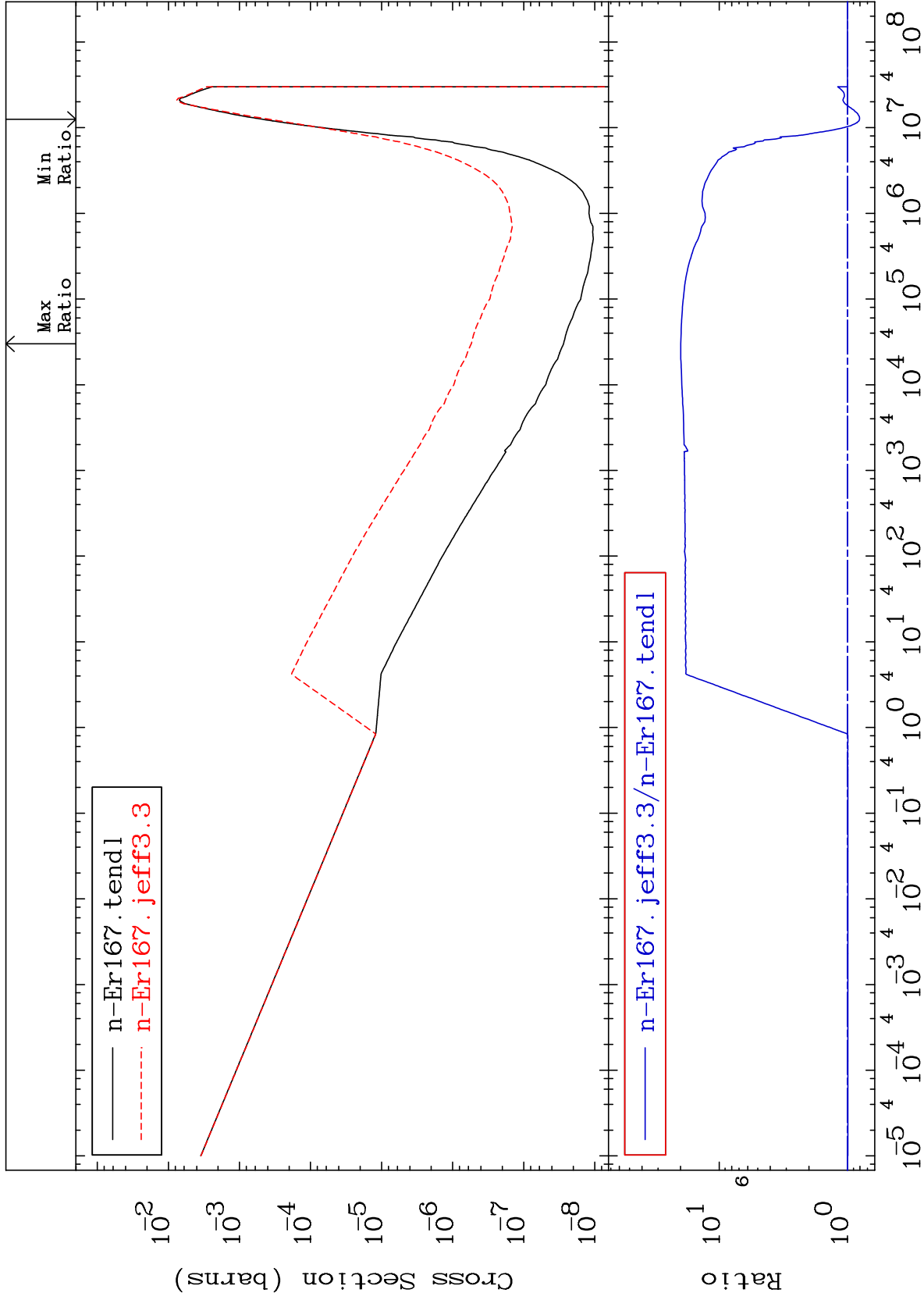


55

68-Er-167

Cross Section

-19.37 To 1893. %

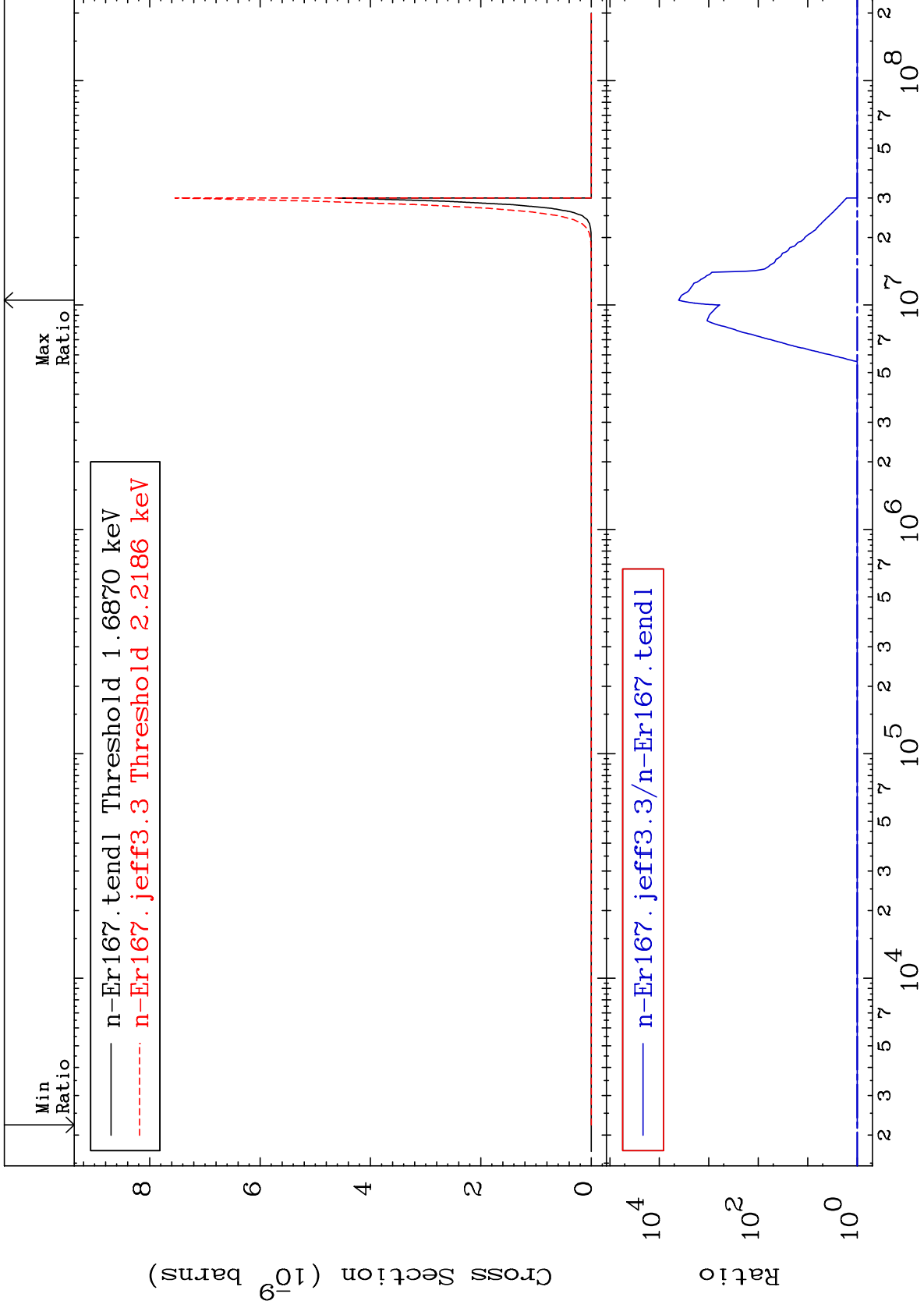




MAT 6840

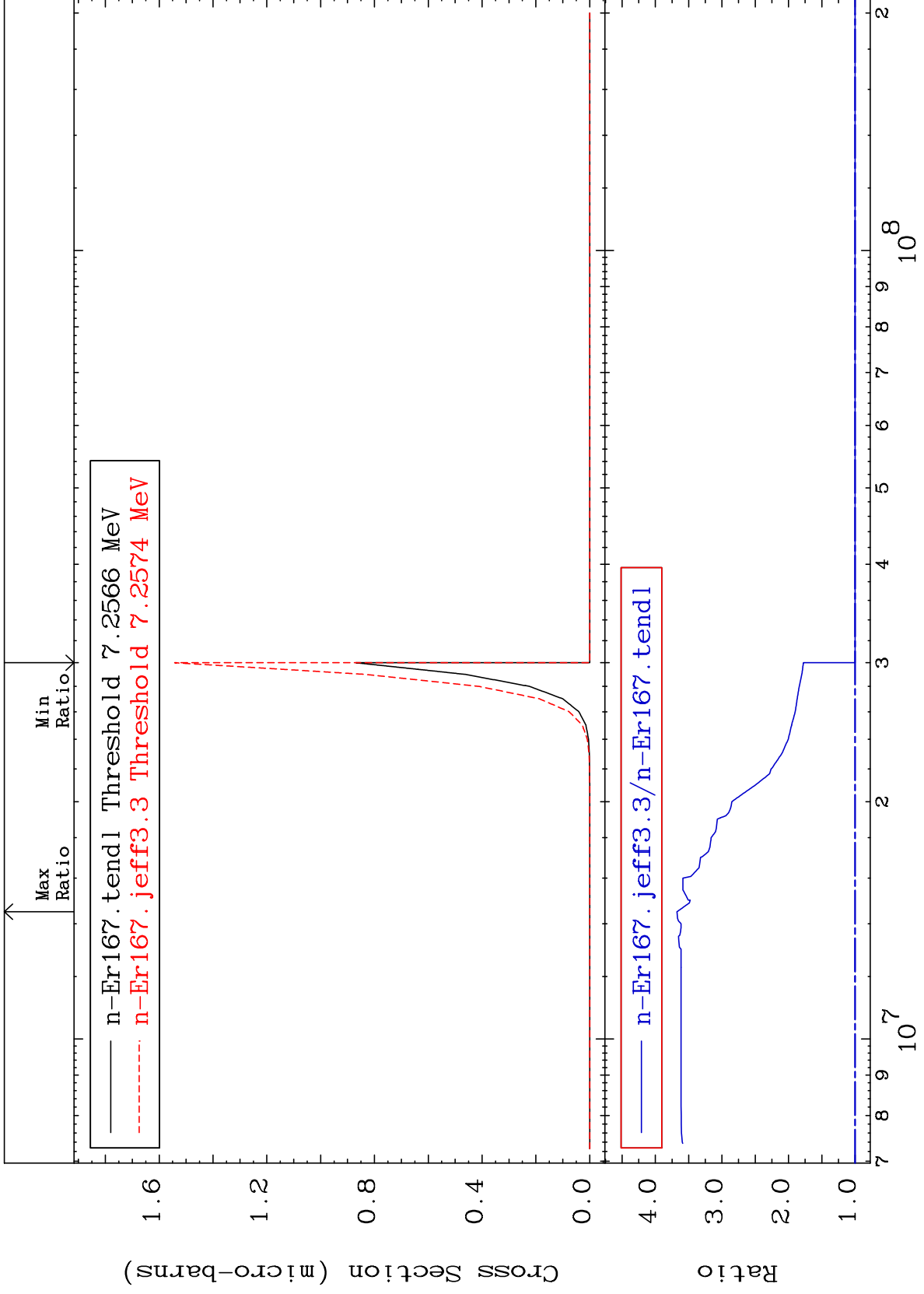
(n,2α)

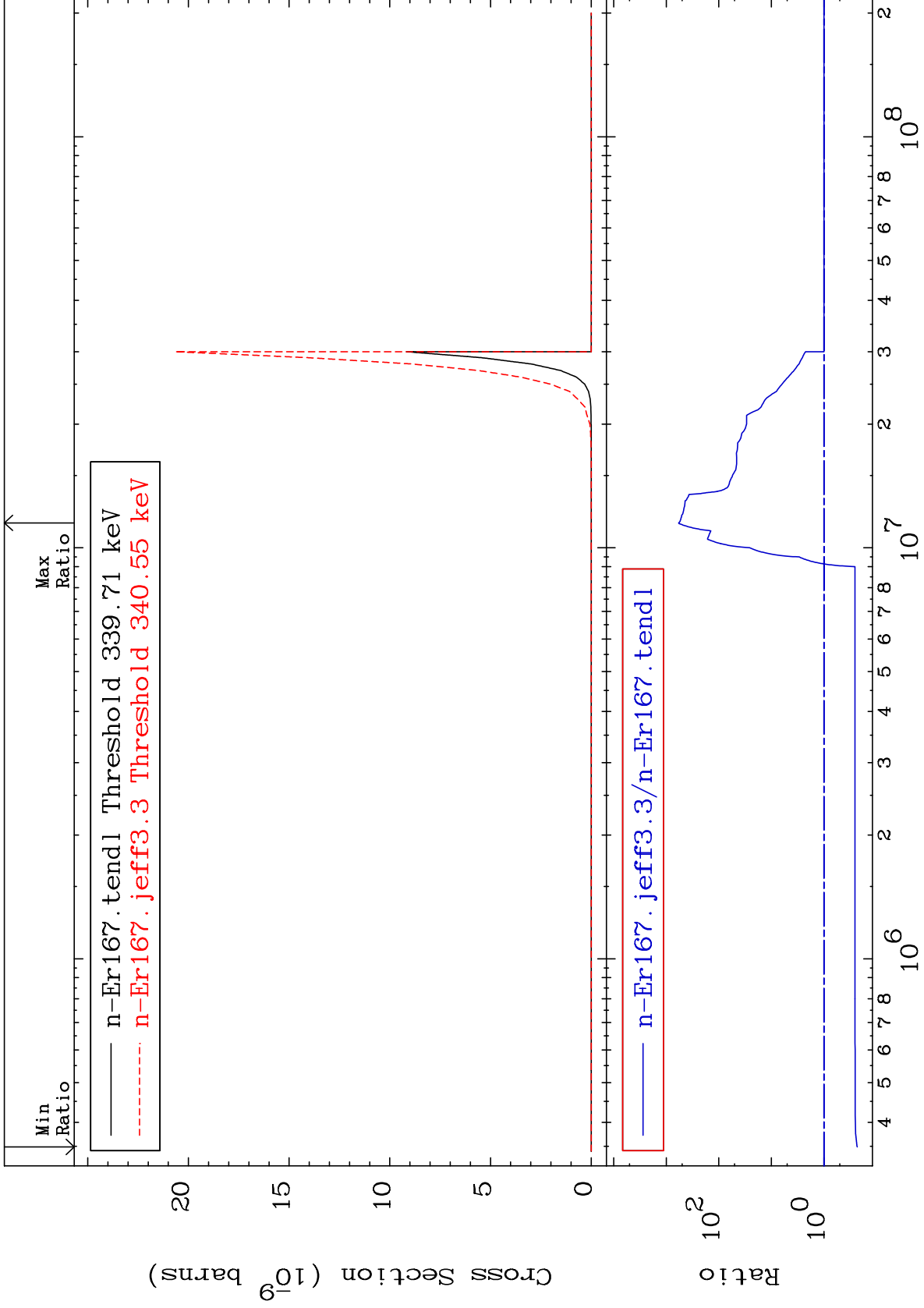
68-Er-167  
Cross Section  
To 9999. %



MAT 6840

(n,2p)  
Cross Section  
68-Er-167  
0.000 To 267.6 %

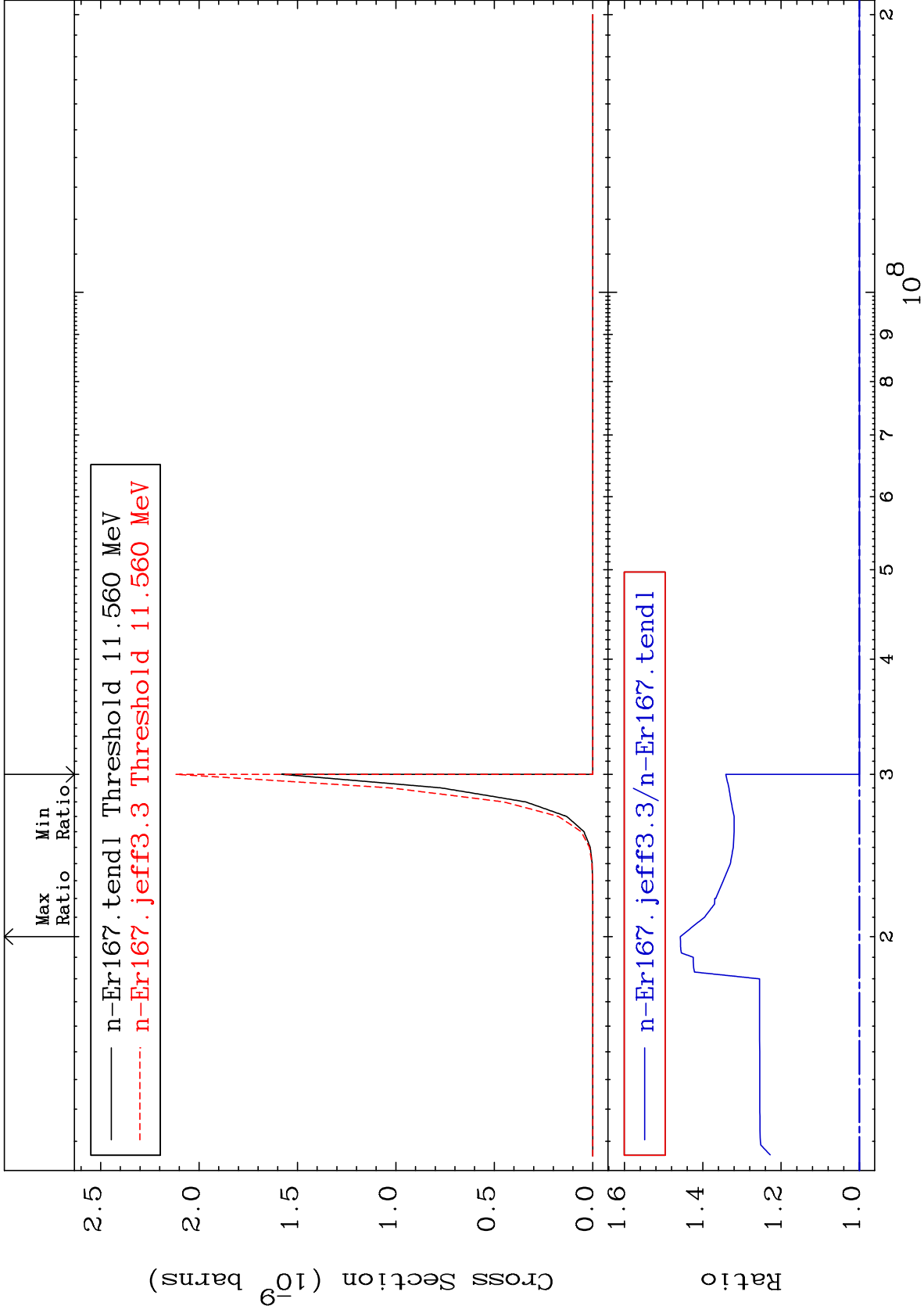




MAT 6840

(n,p) t  
Cross Section

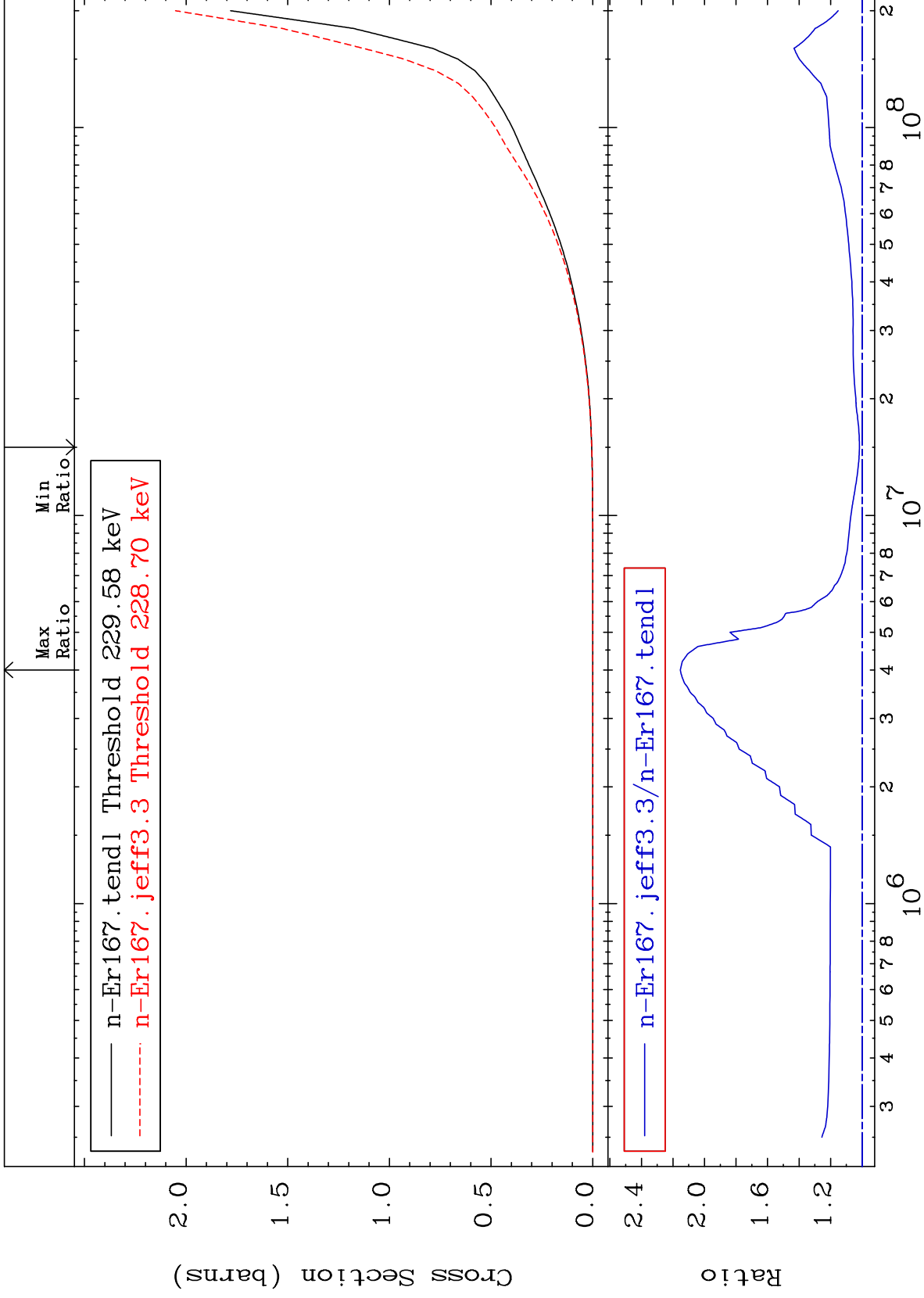
68-Er-167  
0.000 To 45.74 %



MAT 6840

Hydrogen Production  
Cross Section

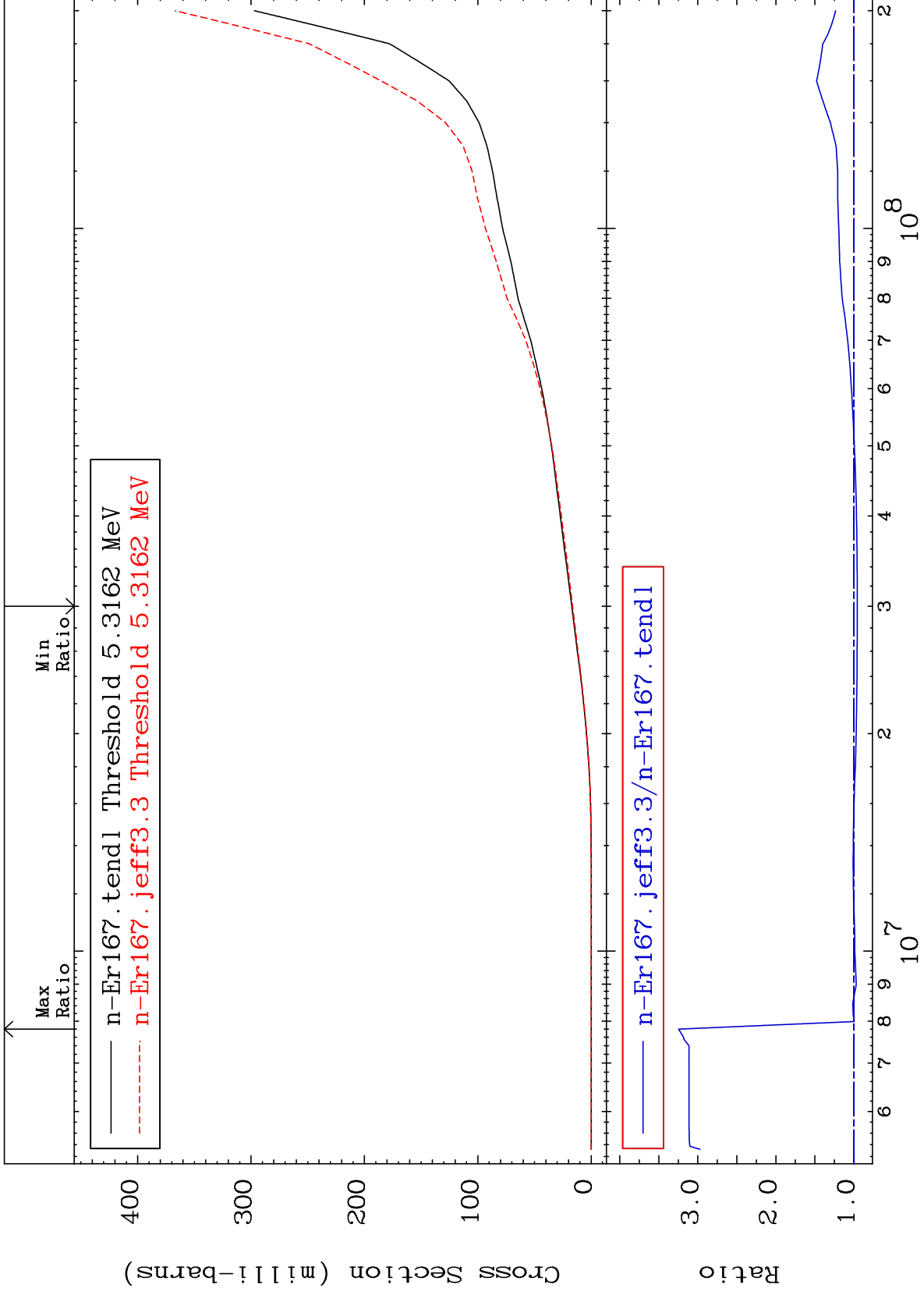
68-Er-167  
1.711 To 115.3 %



MAT 6840

Deuterium Production  
Cross Section

68-Er-167  
-4.286 To 224.5 %



62

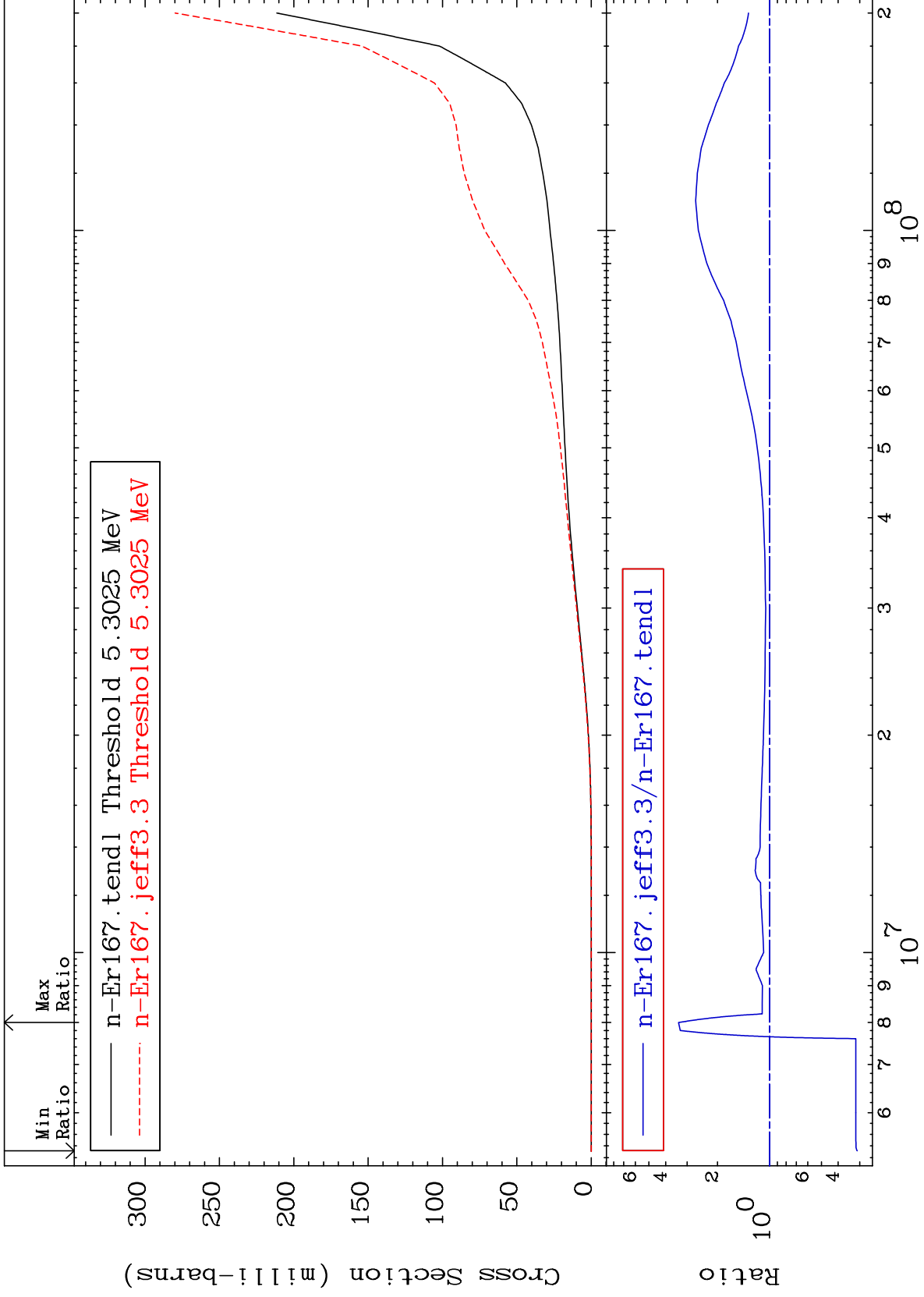
Incident Energy (eV)

68-Er-167

MAT 6840

Tritium Production  
Cross Section

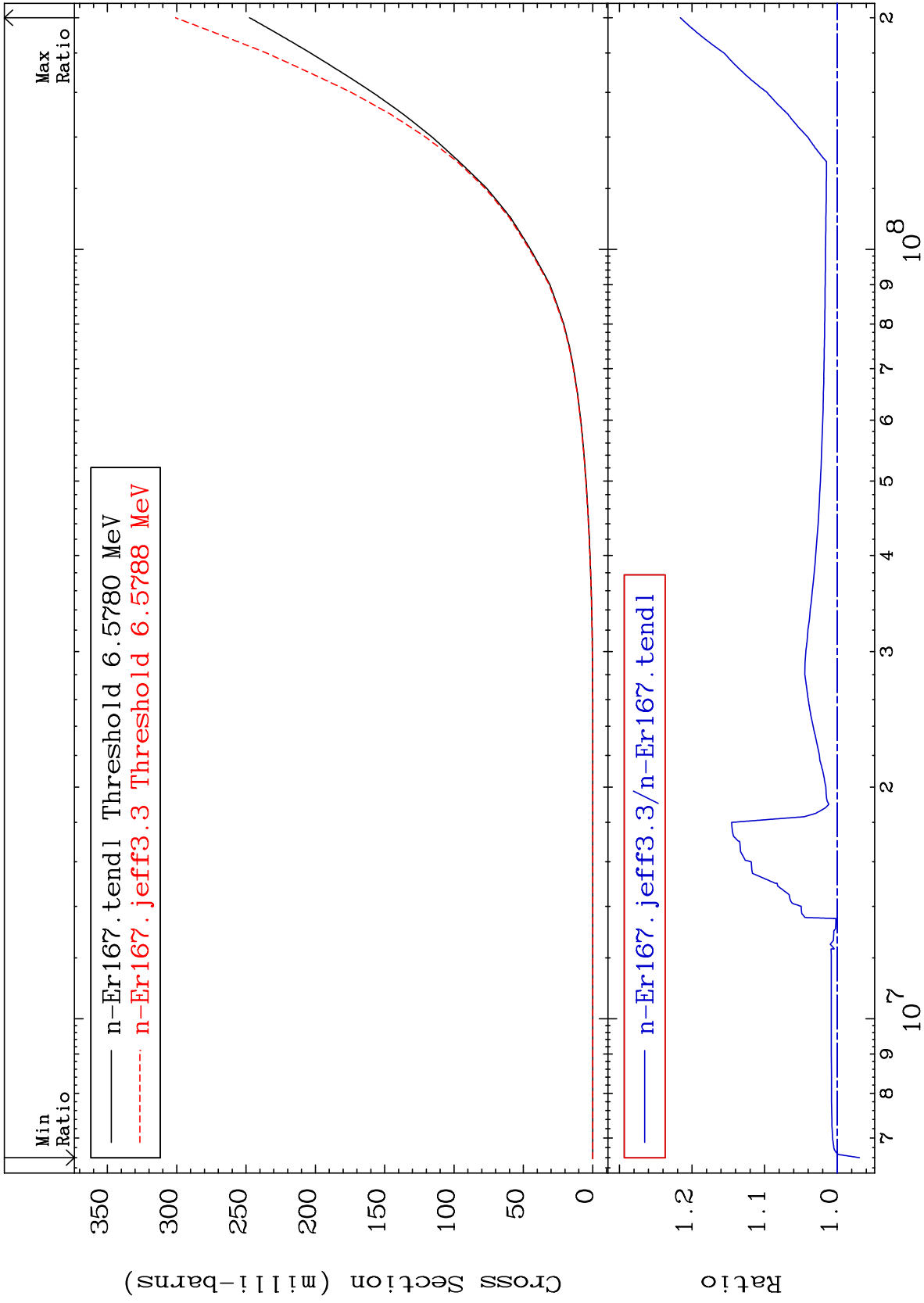
68-Er-167  
-69.02 To 236.3 %



MAT 6840

He-3 Production  
Cross Section

68-Er-167  
-3.061 To 21.61 %

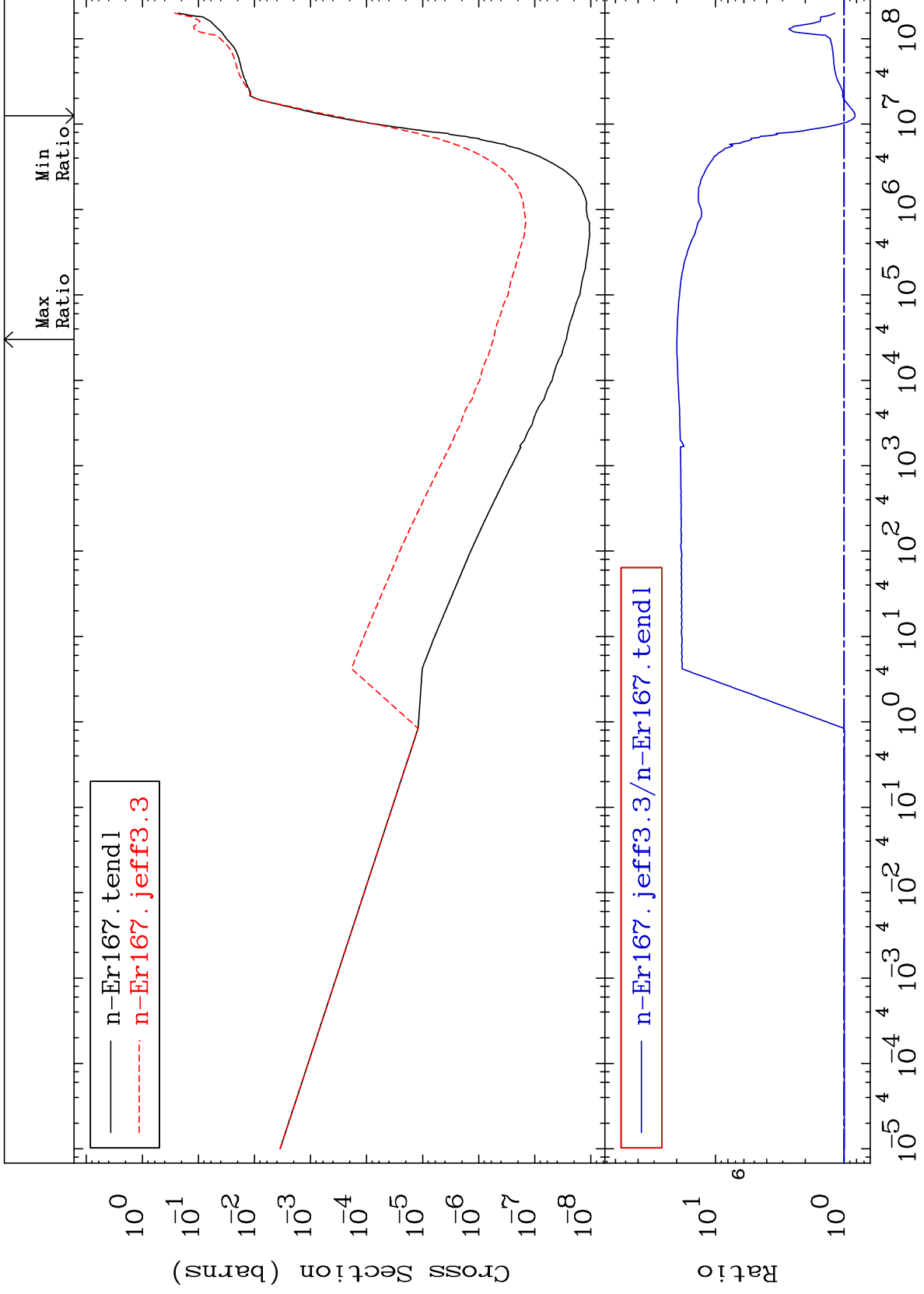




MAT 6840

He-4 Production  
Cross Section

68-Er-167  
-17.90 To 1893. %



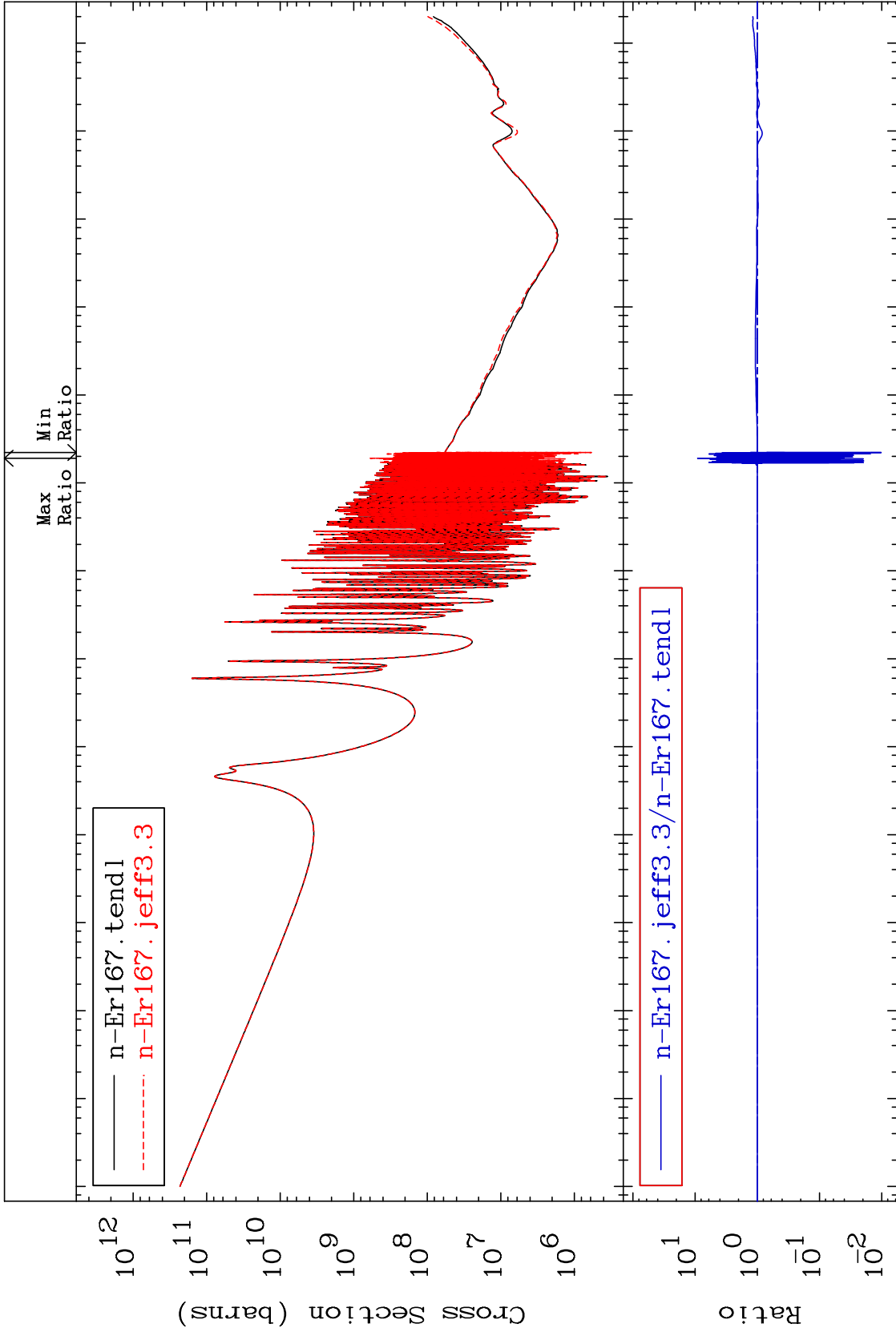
Incident Energy (eV)

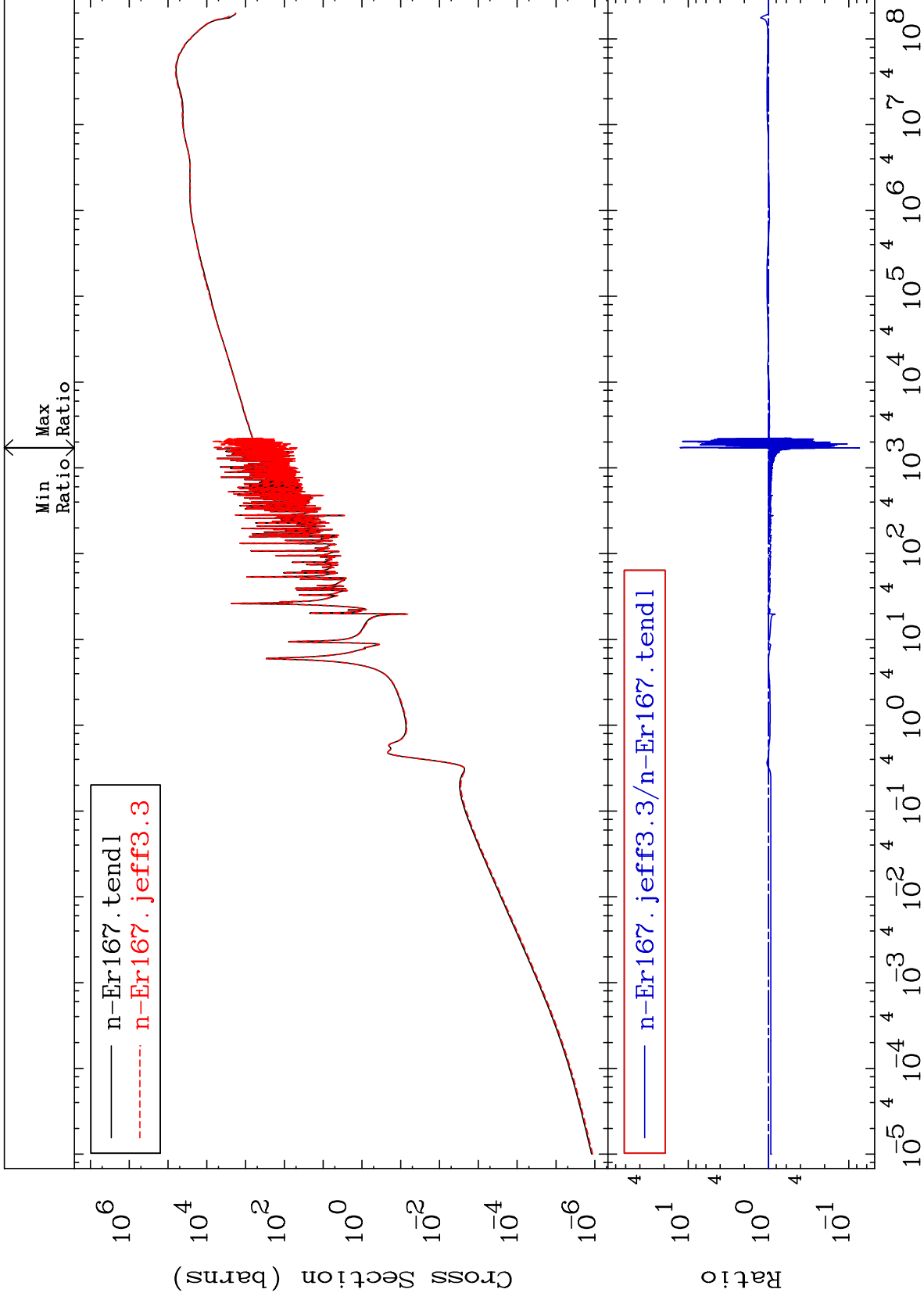
65

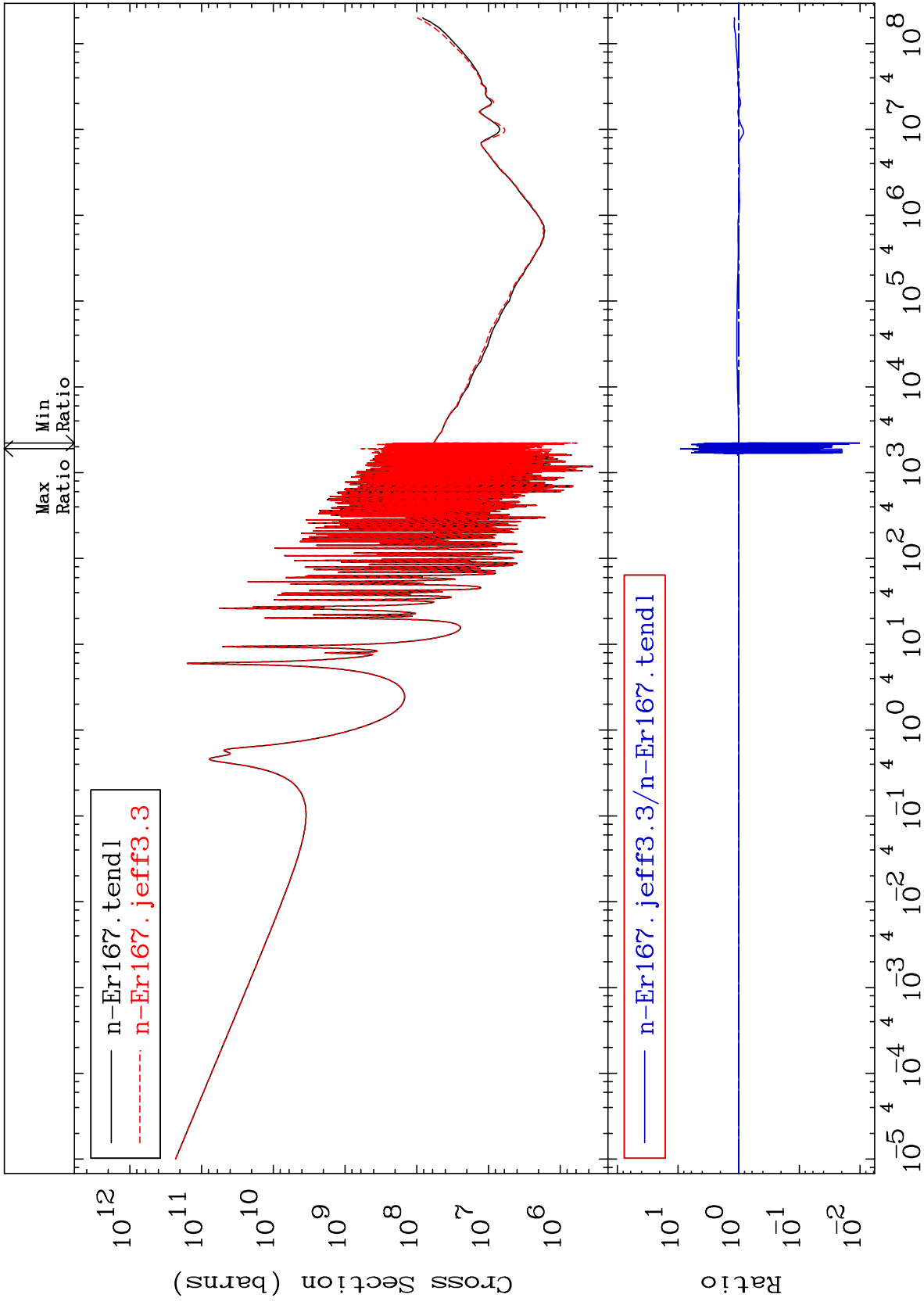
68-Er-167

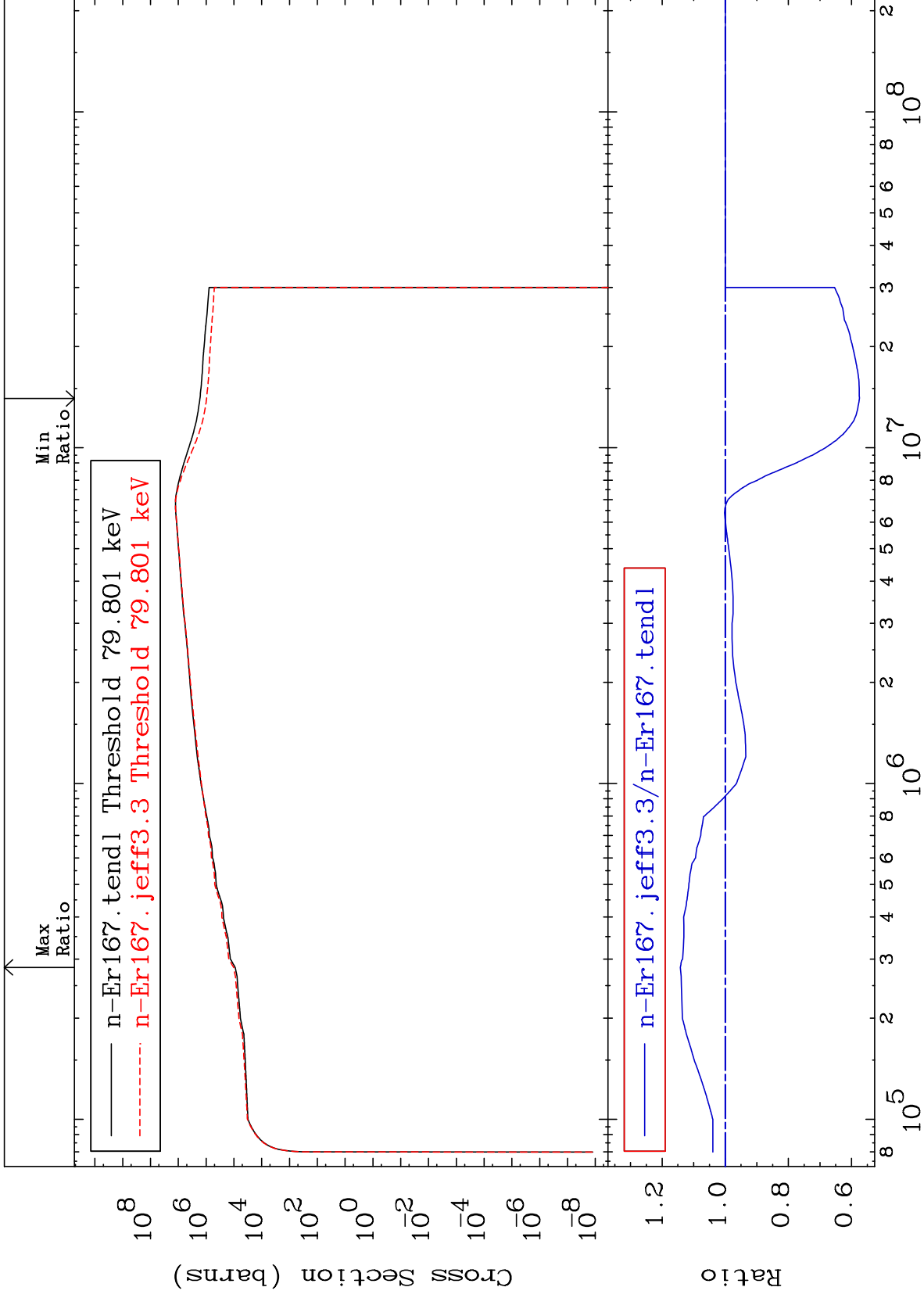
Cross Section

-98.98 To 814.2 %





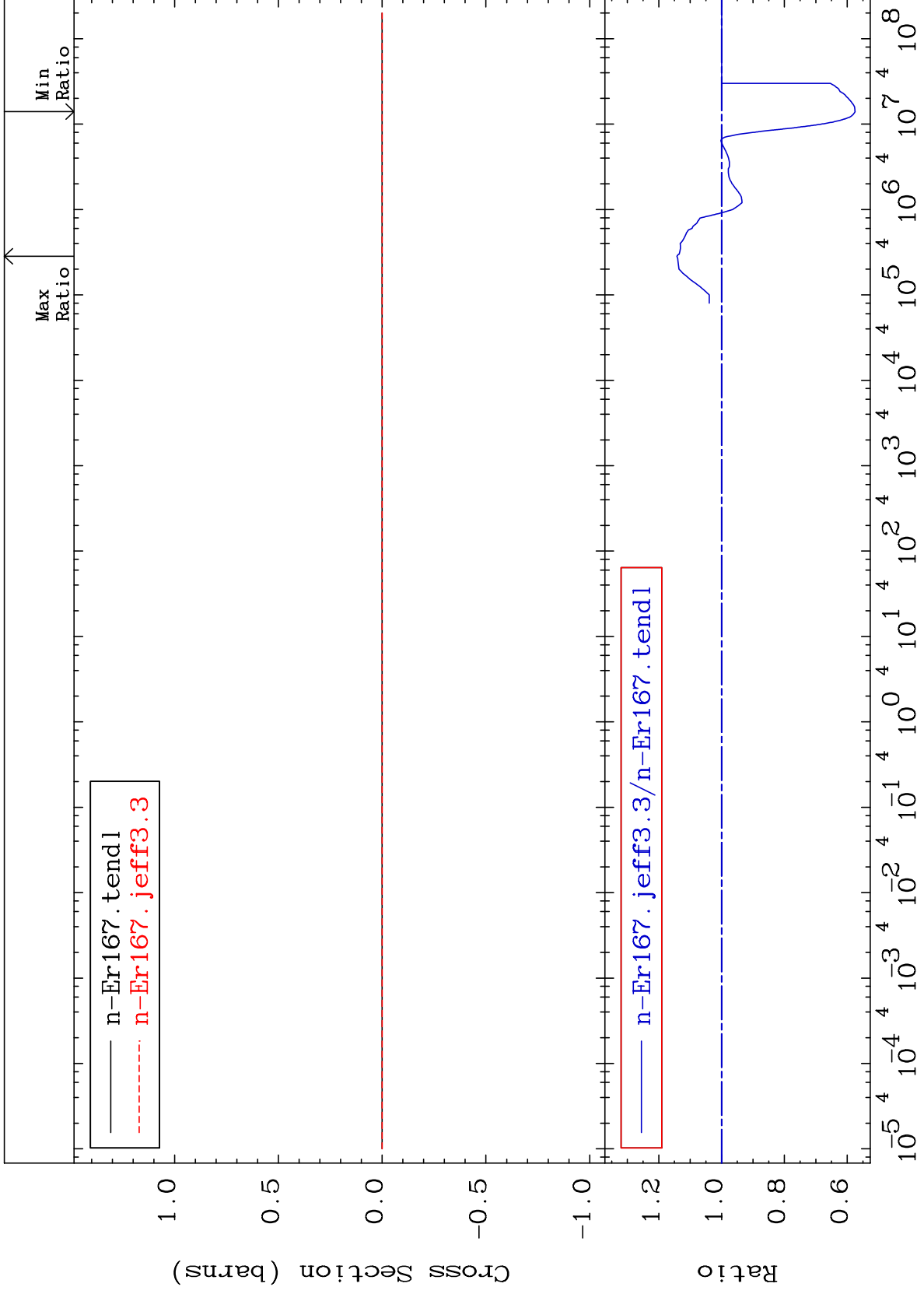




MAT 6840

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

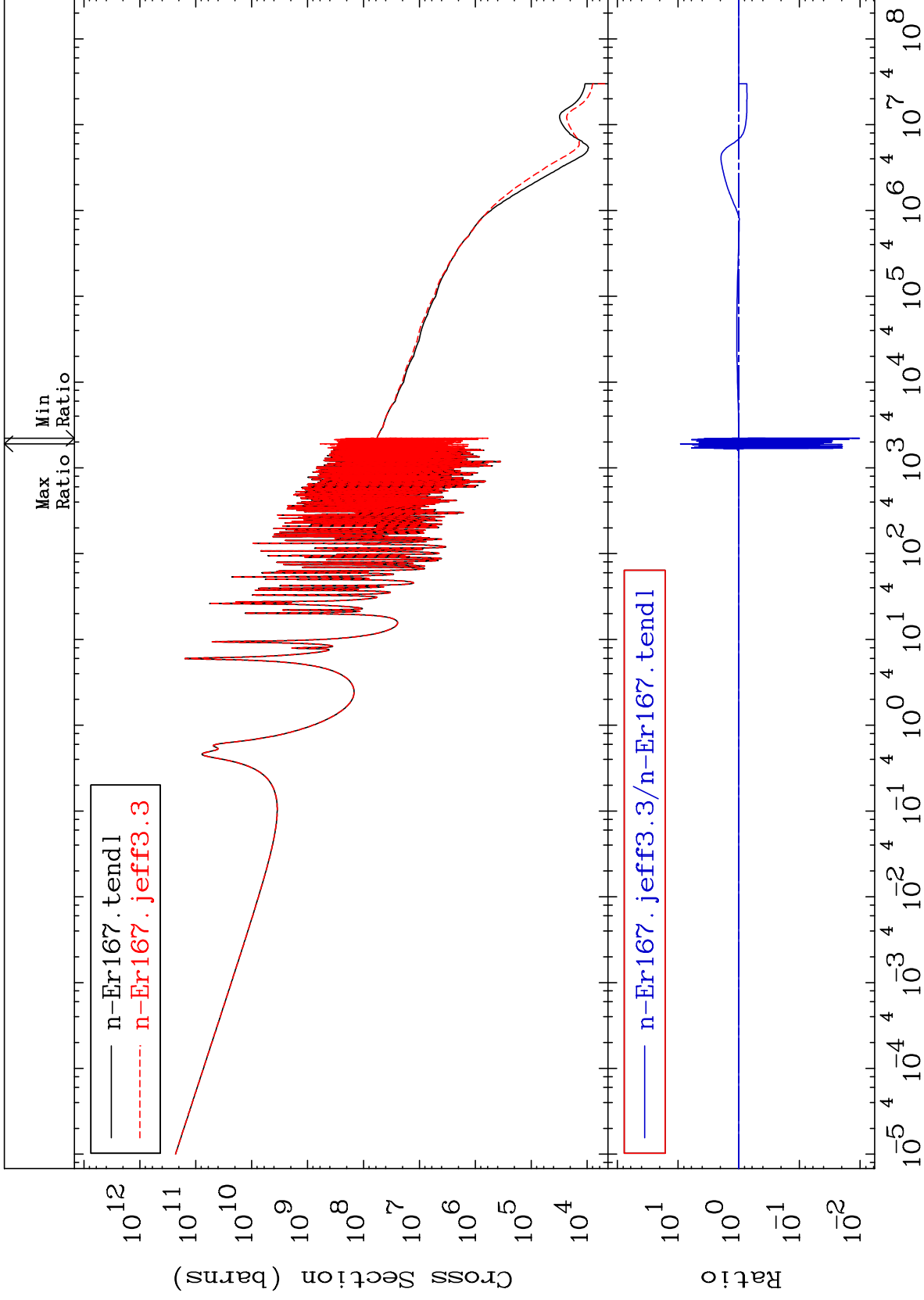
68-Er-167  
-42.50 To 14.22 %



70

Incident Energy (eV)

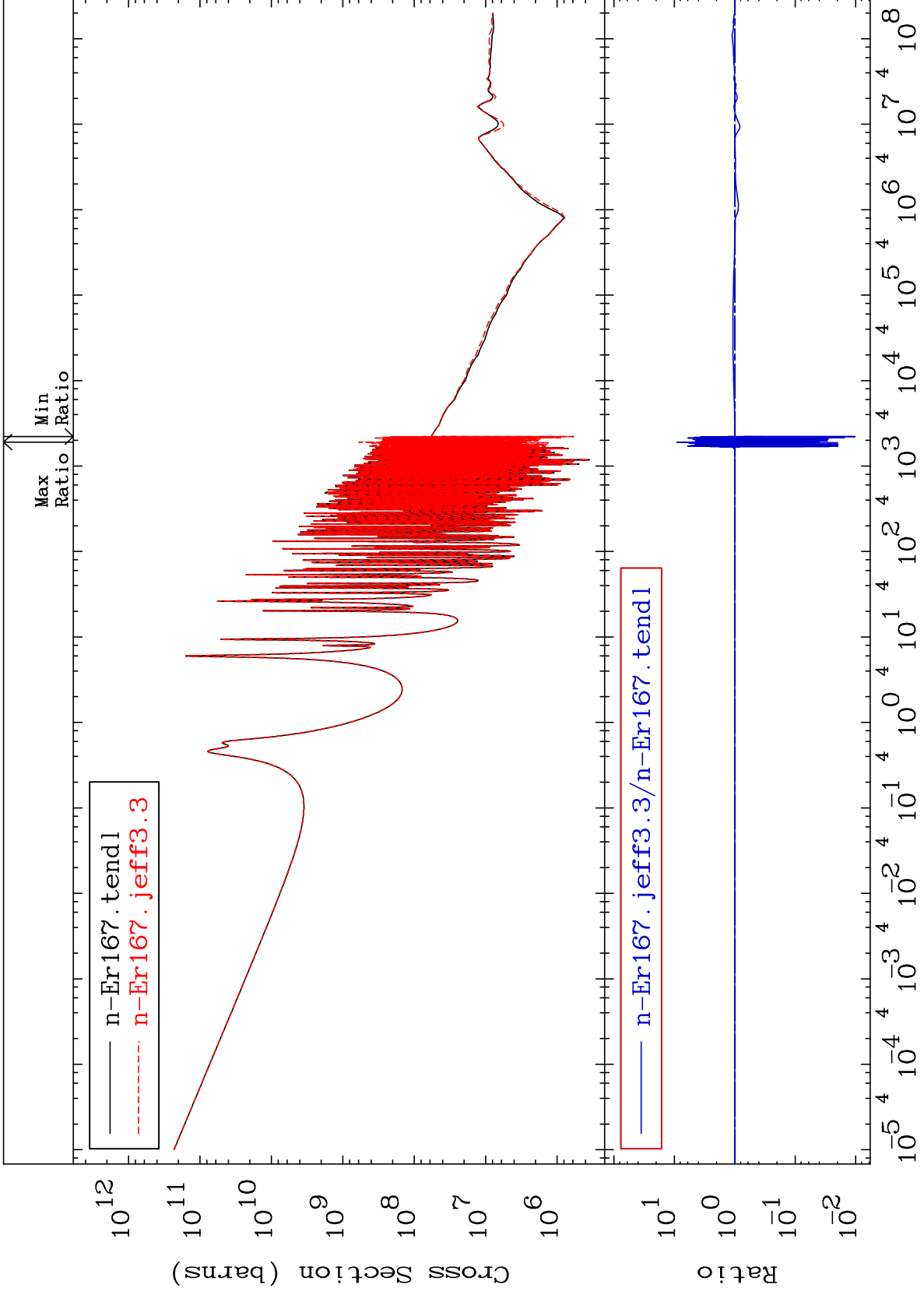
68-Er-167



MAT 6840

Total photon (eV-barns)  
Cross Section

68-Er-167  
-98.98 To 814.2 %

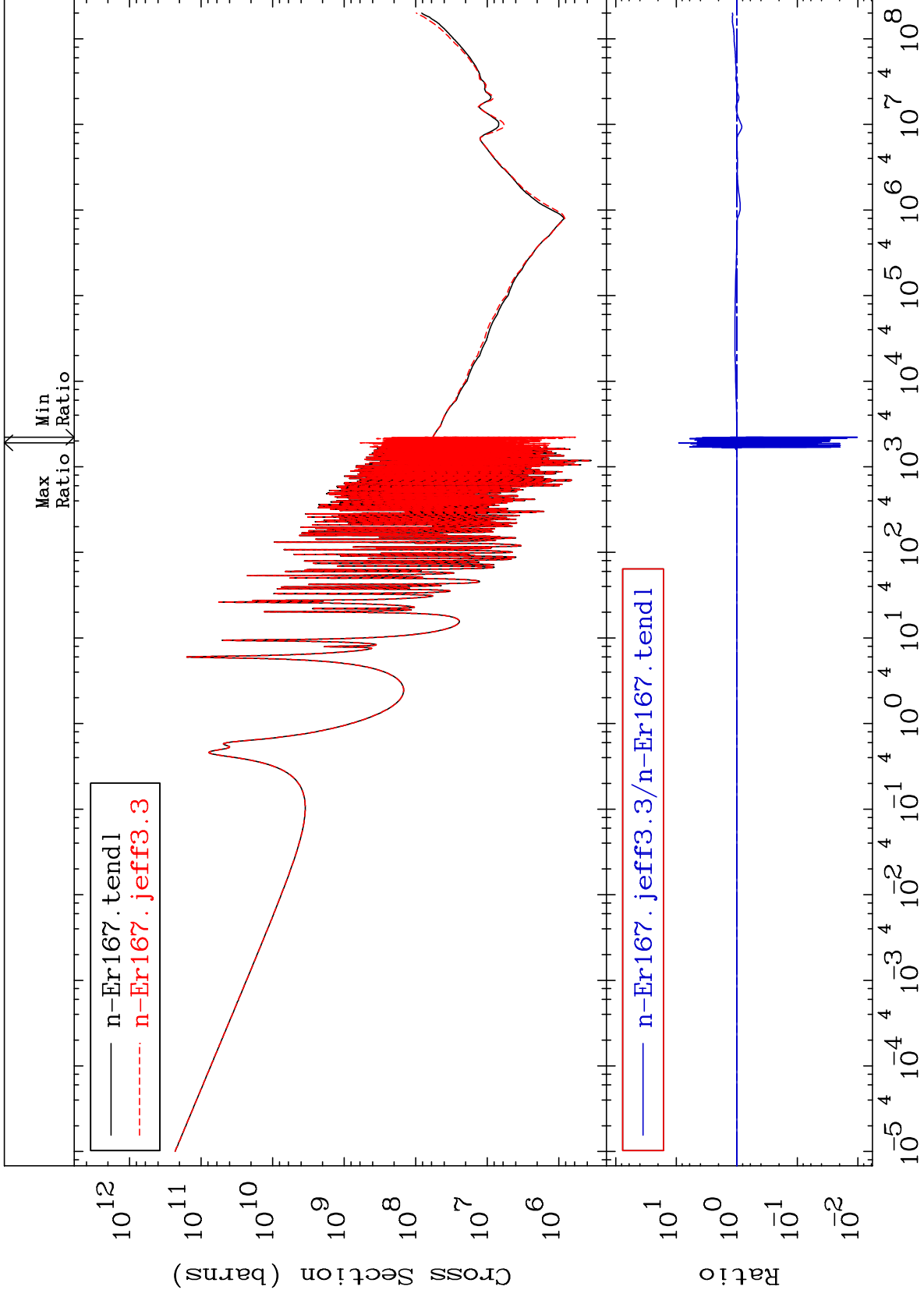


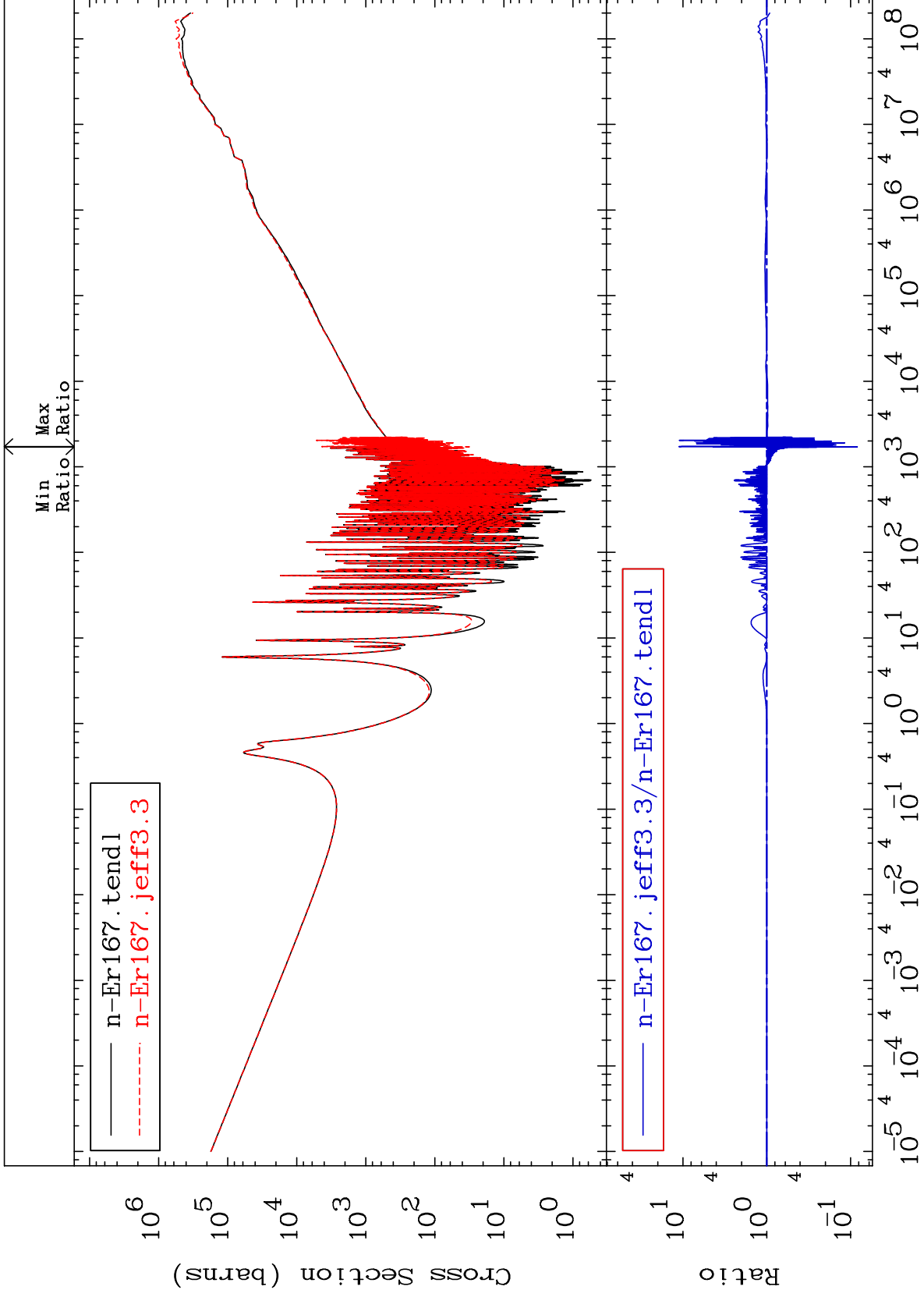
72

Incident Energy (eV)

68-Er-167



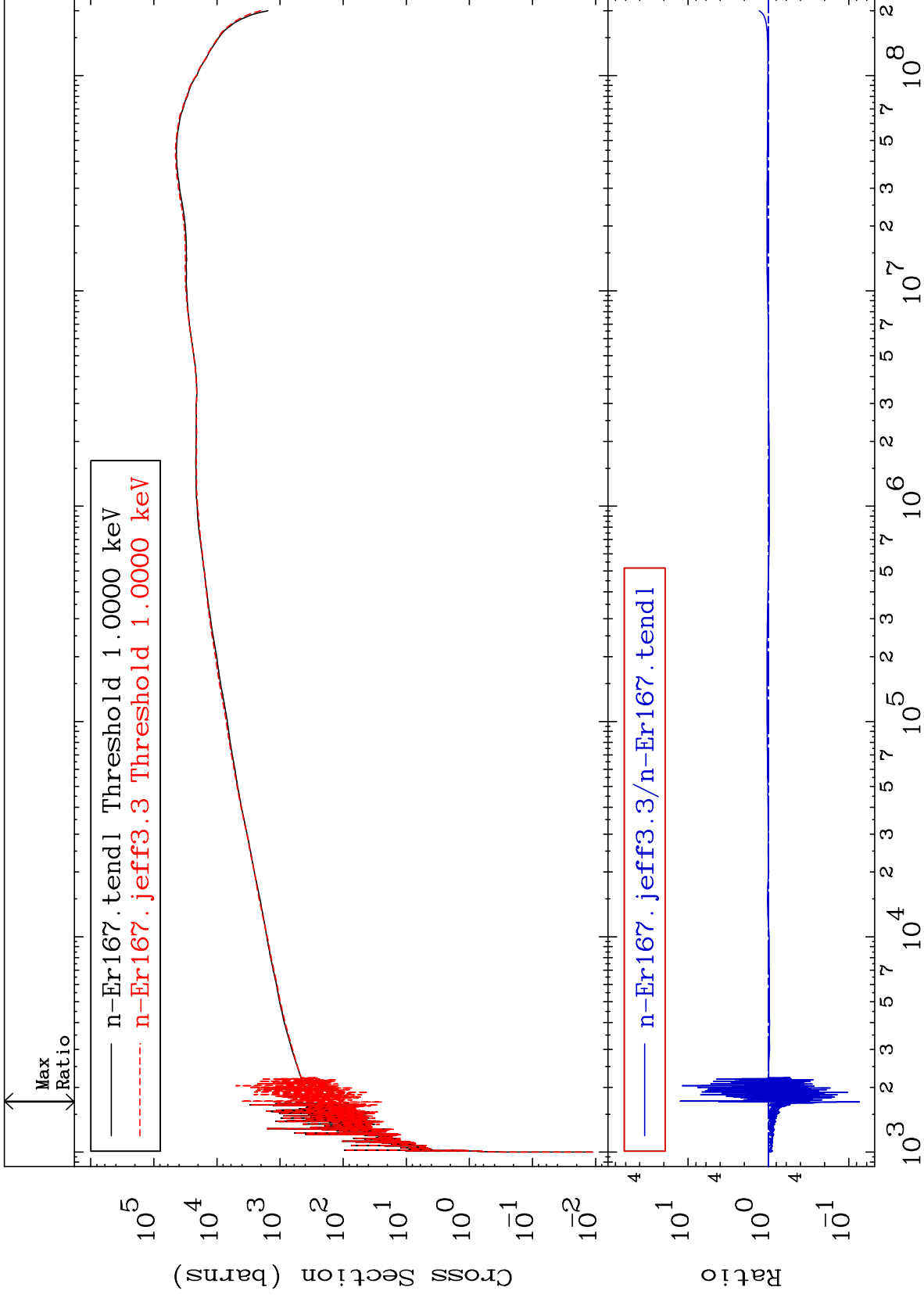




MAT 6840

Dpa elastic (mt2)  
Cross Section

68-Er-167  
-92.62 To 1149. %



75

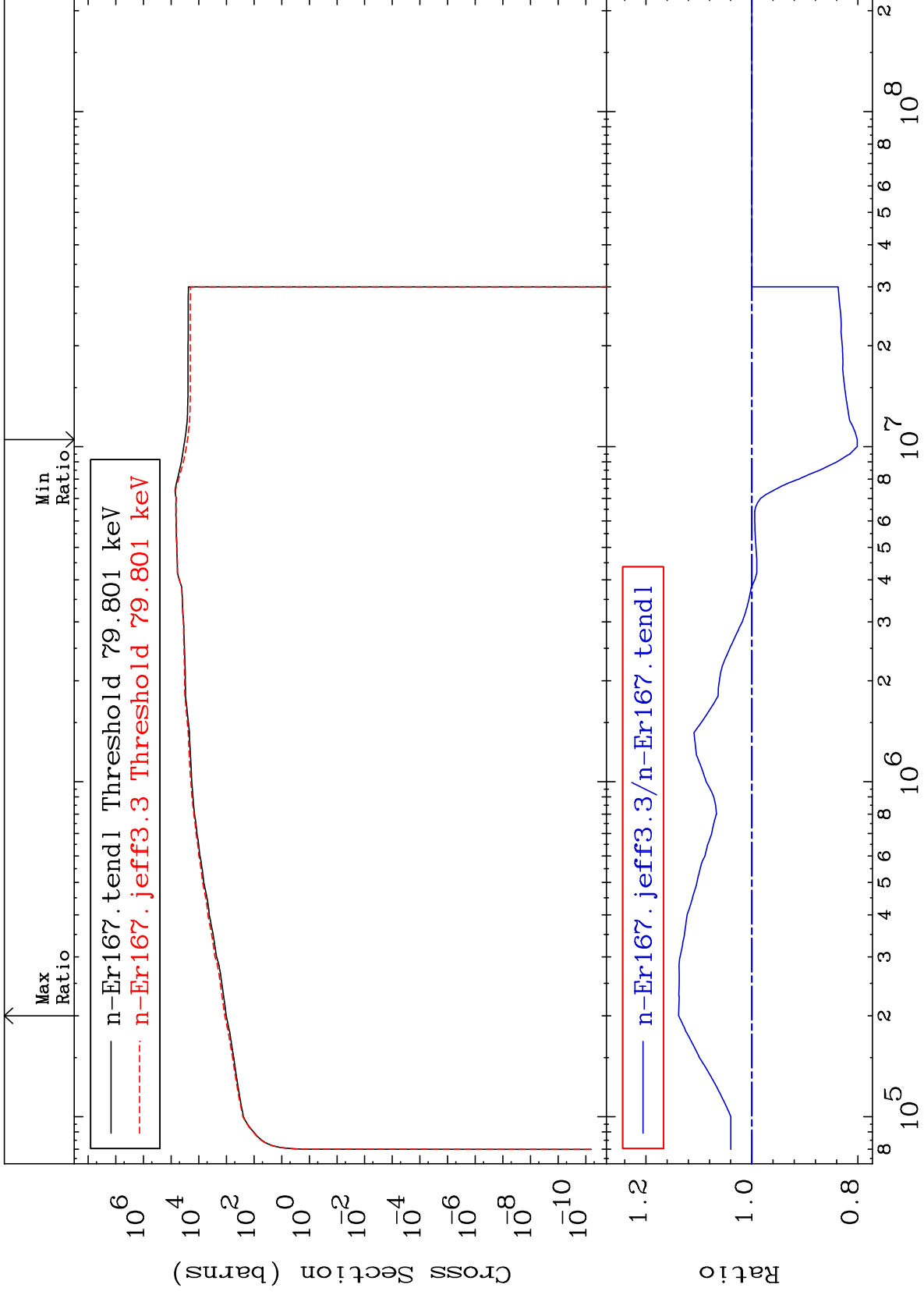
Incident Energy (eV)

68-Er-167

MAT 6840

Dpa inelastic (mt51-91)  
Cross Section

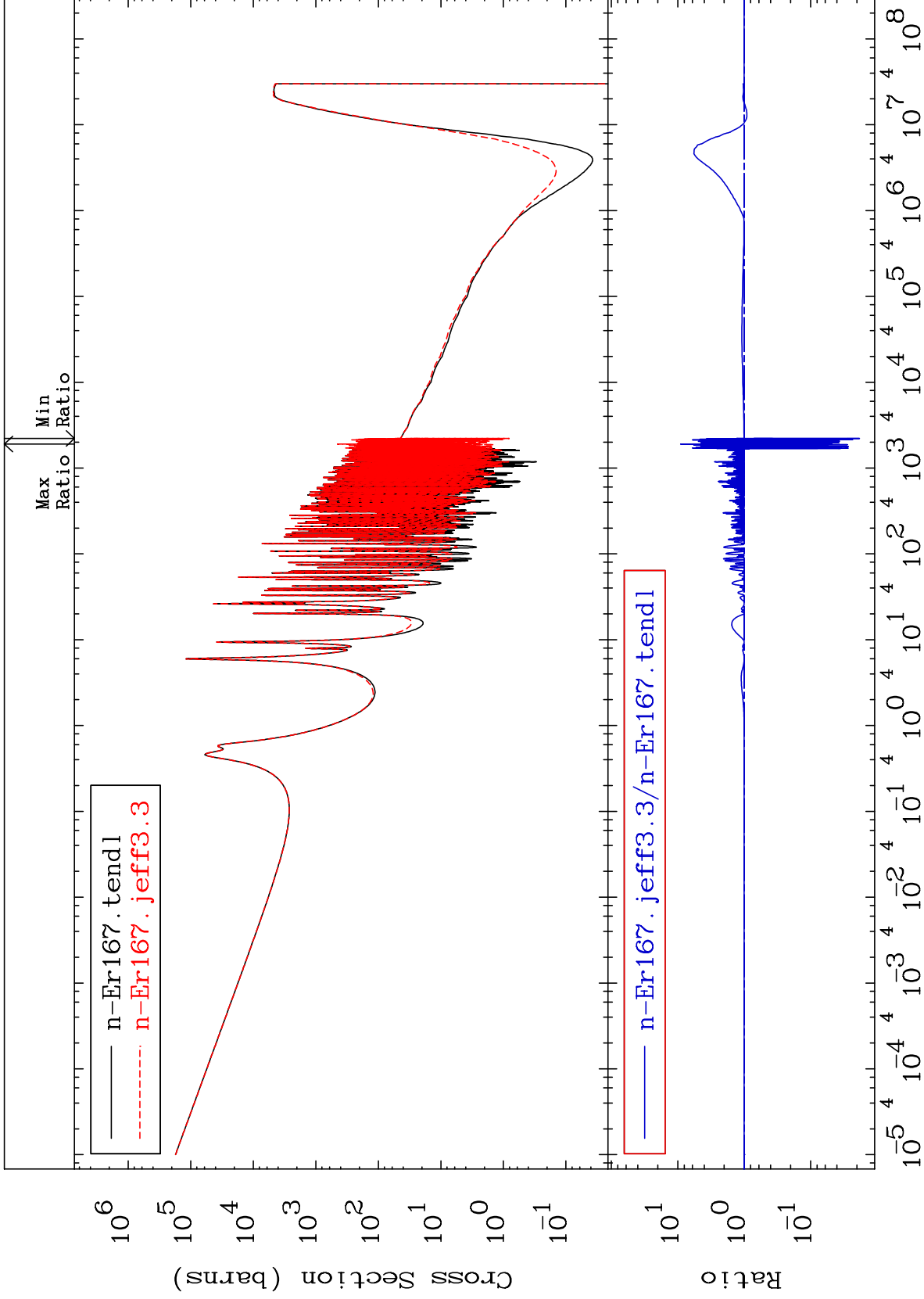
68-Er-167  
-19.89 To 13.82 %



76

Incident Energy (eV)

68-Er-167



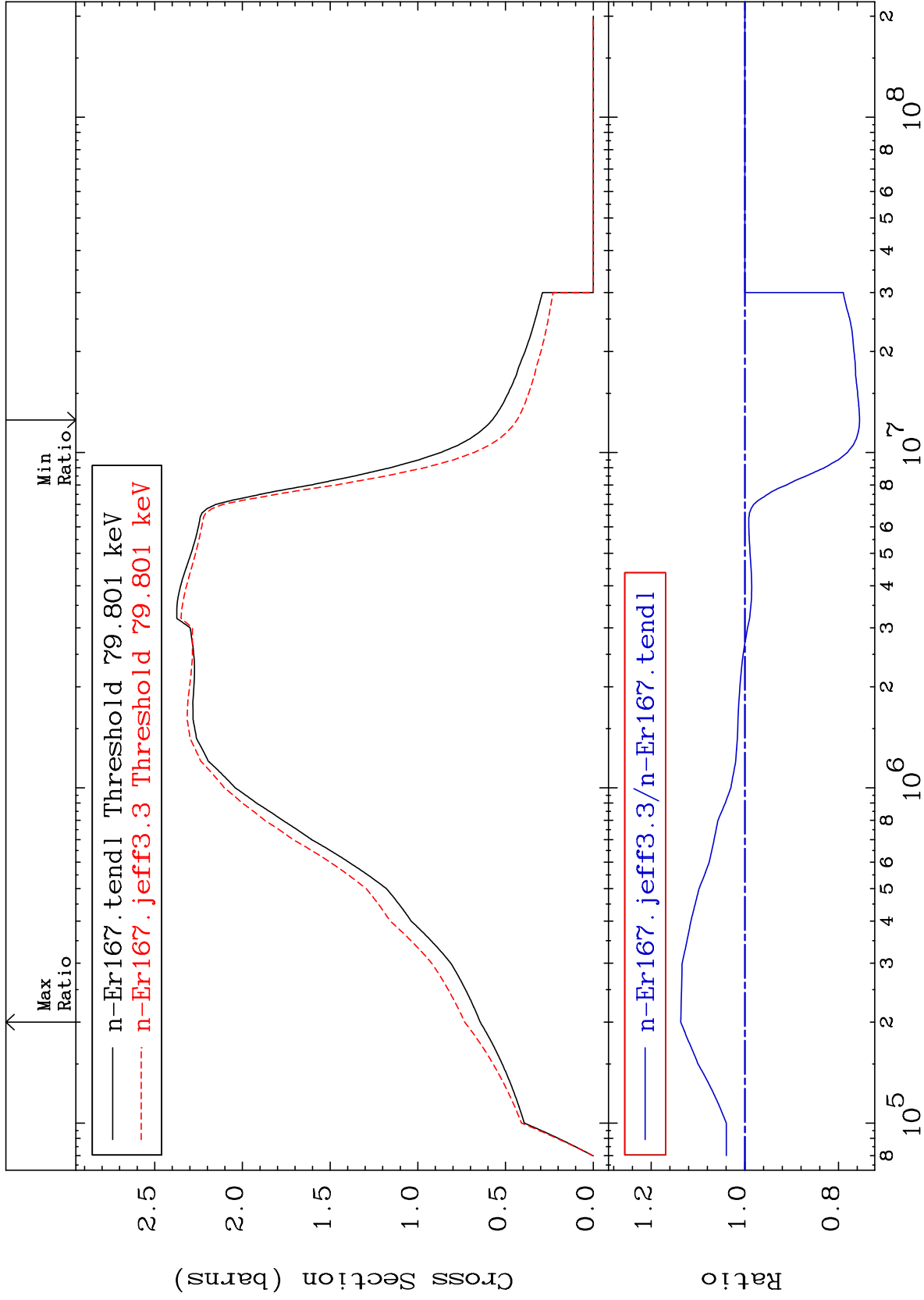
MAT 6840

Inelastic:68-Er-167g

68-Er-167

Radionuclide Production Cross Section

-24.48 To 13.69 %



78

Incident Energy (eV)

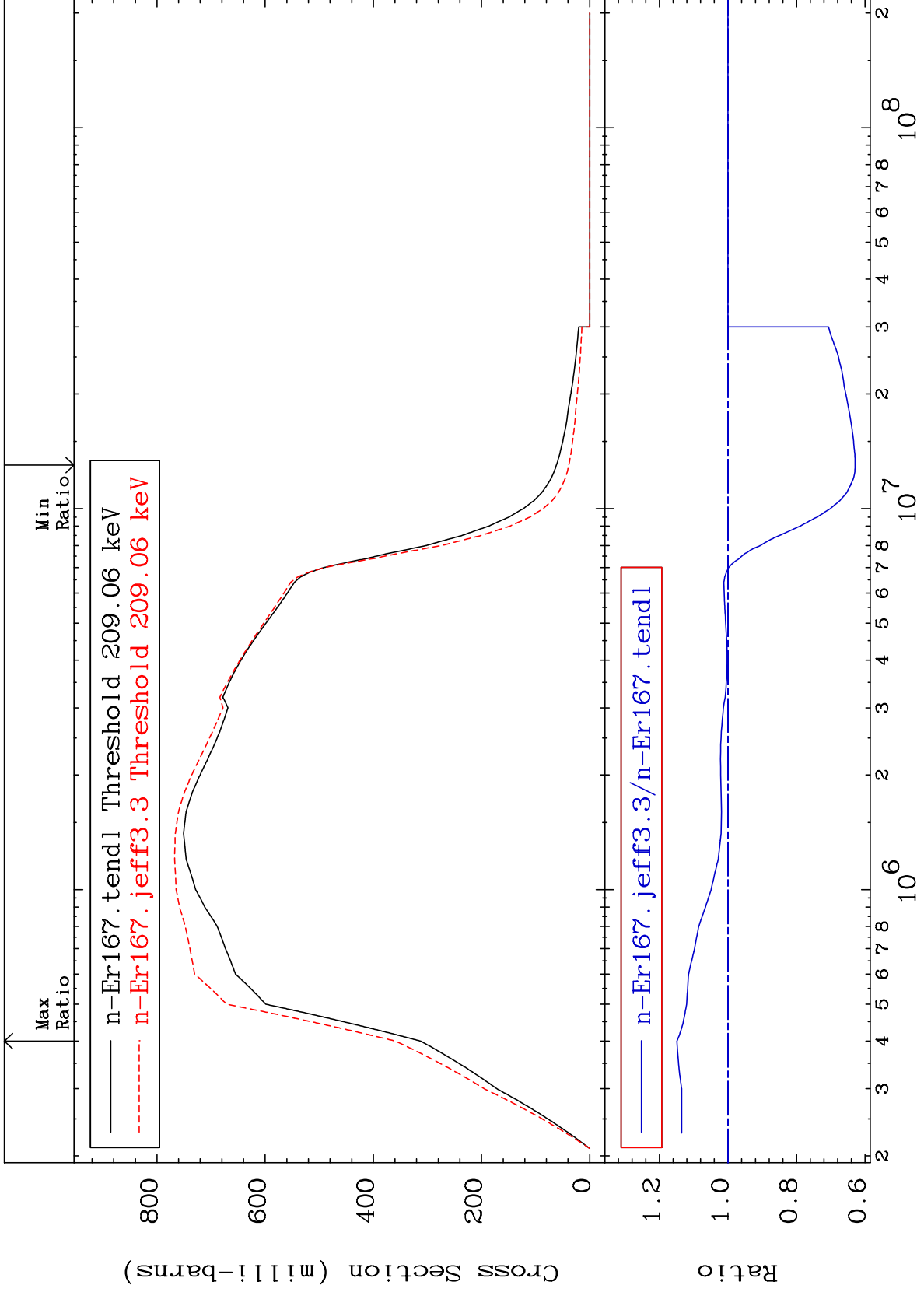
68-Er-167

MAT 6840

Inelastic: 68-Er-167m3

68-Er-167

Radionuclide Production Cross Section -37.11 To 14.92 %



79

68-Er-167

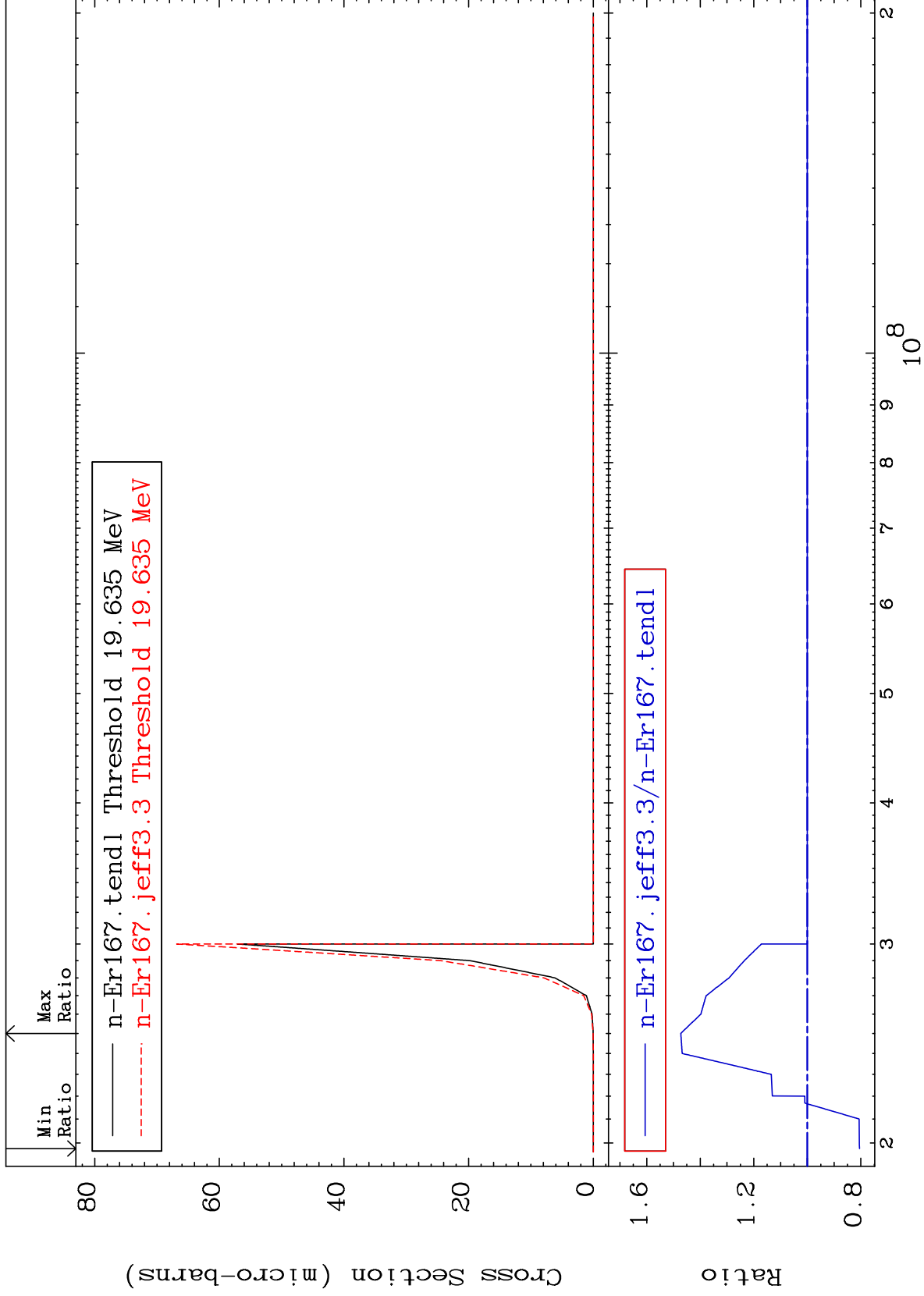
68-Er-167

MAT 6840

(n,2n) d:67-Ho-164g

68-Er-167

Radionuclide Production Cross Section -19.50 To 47.27 %



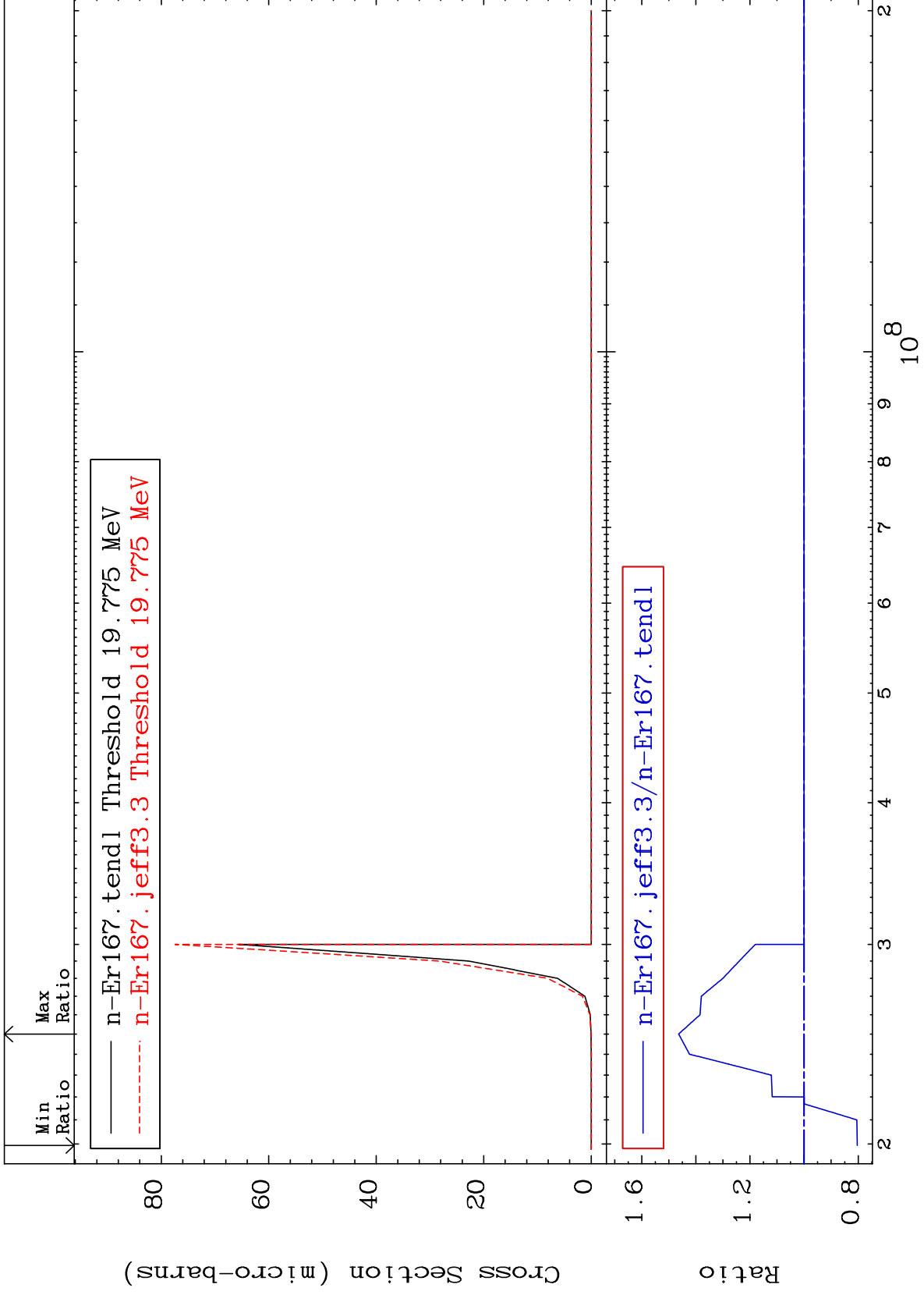
80

Incident Energy (eV)

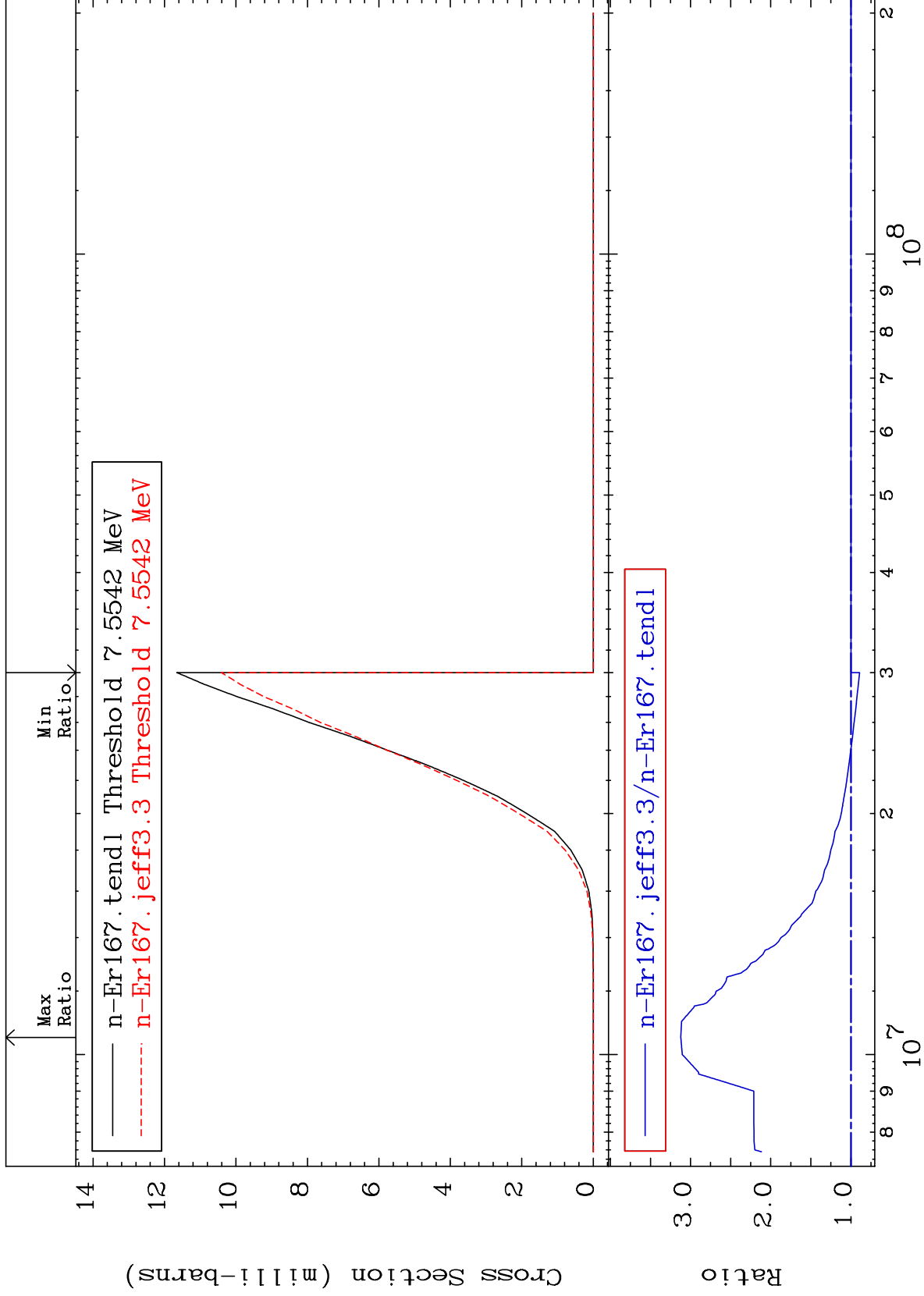
68-Er-167



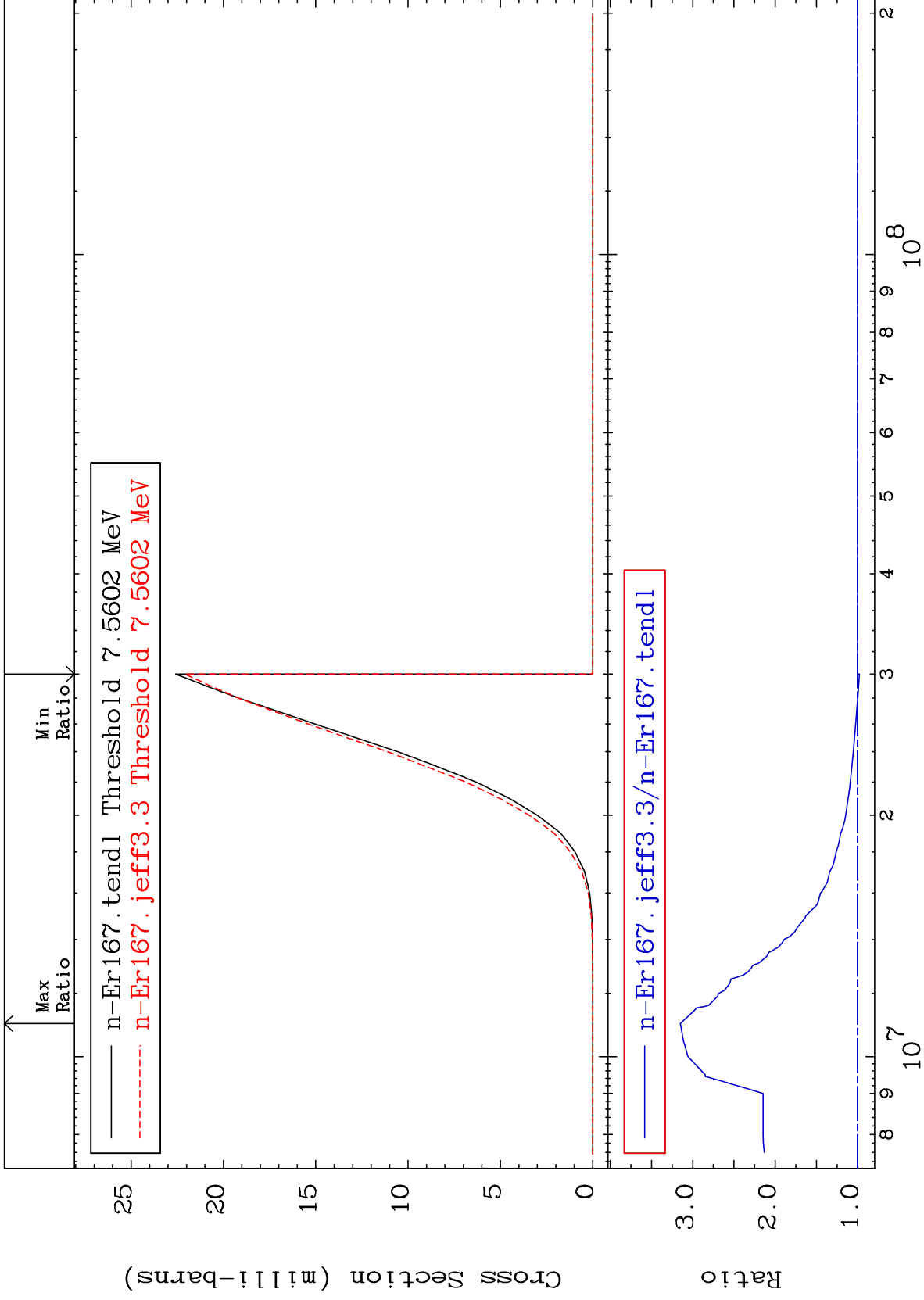
Radionuclide Production Cross Section -19.65 To 46.39 %



Radionuclide Production Cross Section -10.72 To 212.2 %



Radionuclide Production Cross Section -2.184 To 215.0 %

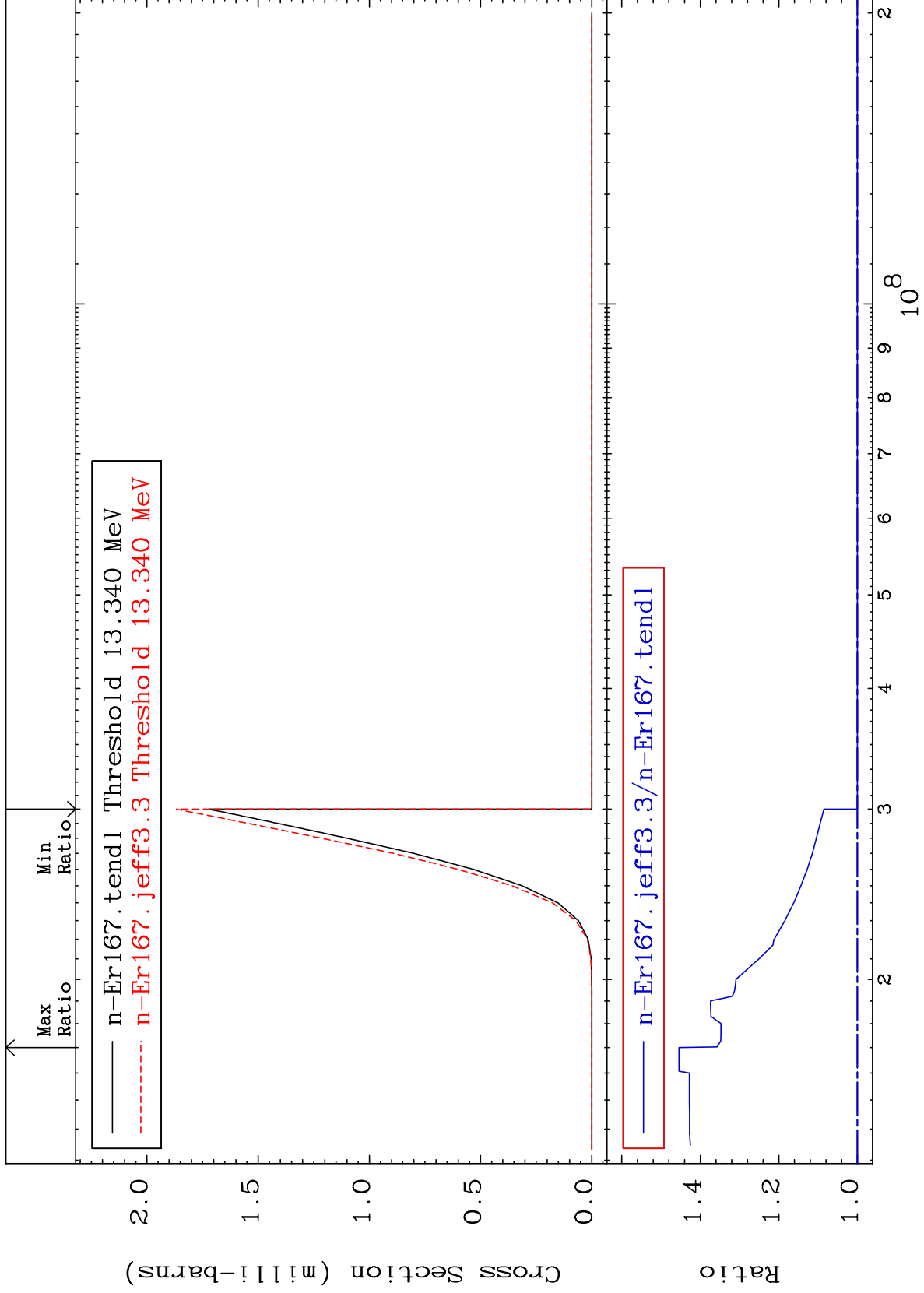


MAT 6840

(n, n') t:67-Ho-164g

68-Er-167

Radionuclide Production Cross Section 0.000 To 45.41 %

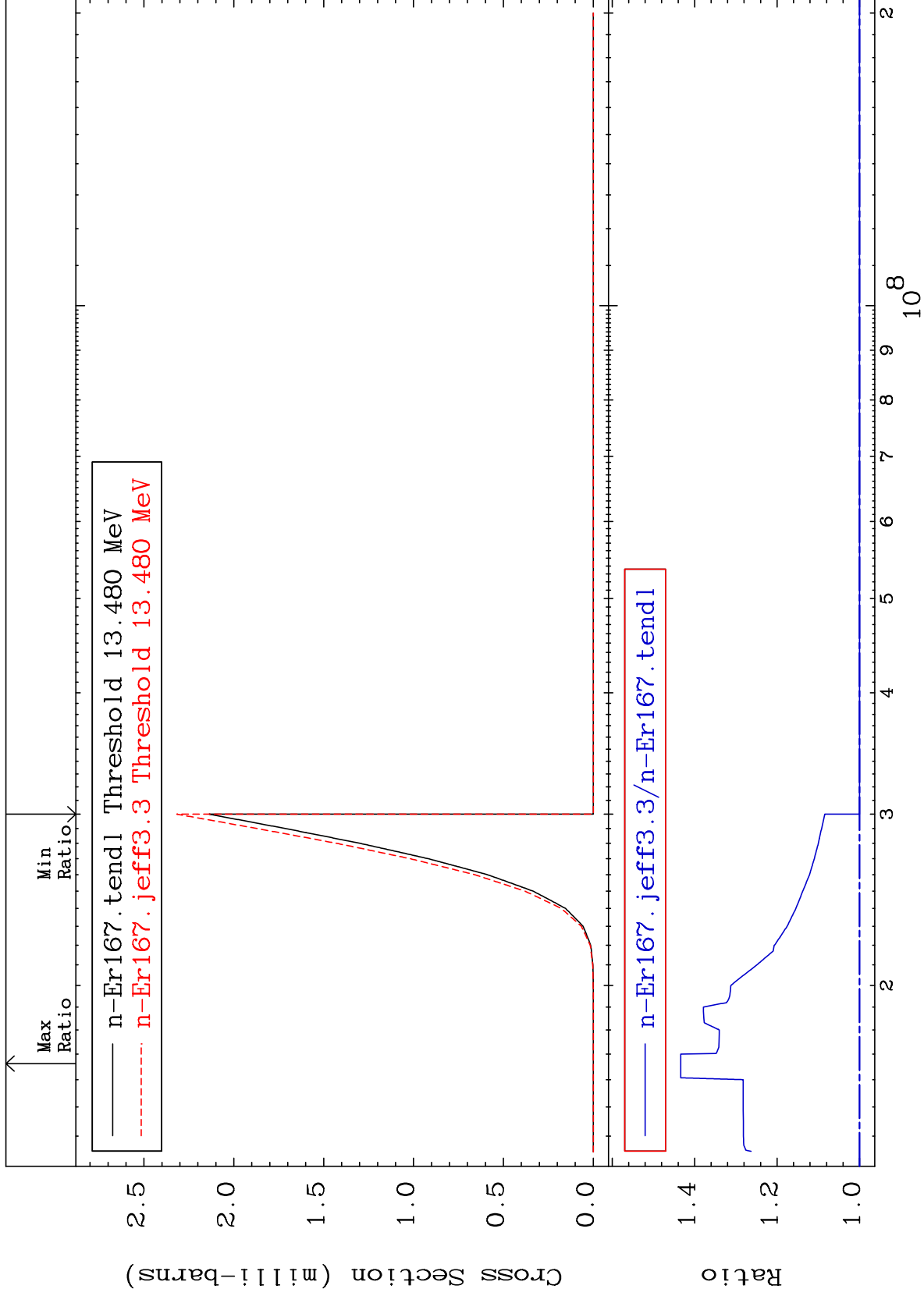


MAT 6840

(n, n') t:67-Ho-164m3

68-Er-167

Radionuclide Production Cross Section 0.000 To 43.36 %

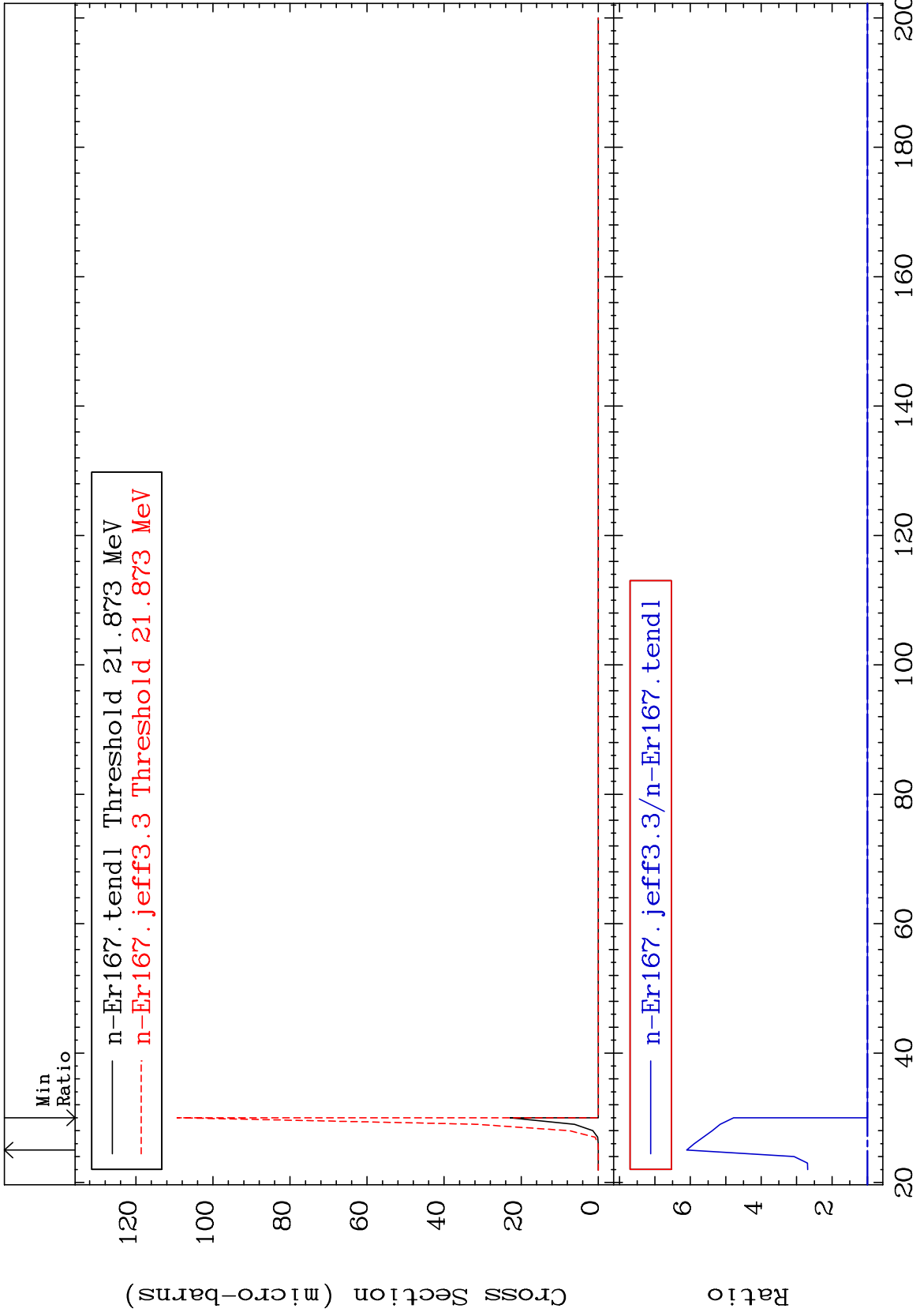


MAT 6840

(n,3n) p:67-Ho-164g

68-Er-167

Radionuclide Production Cross Section 0.000 To 510.3 %

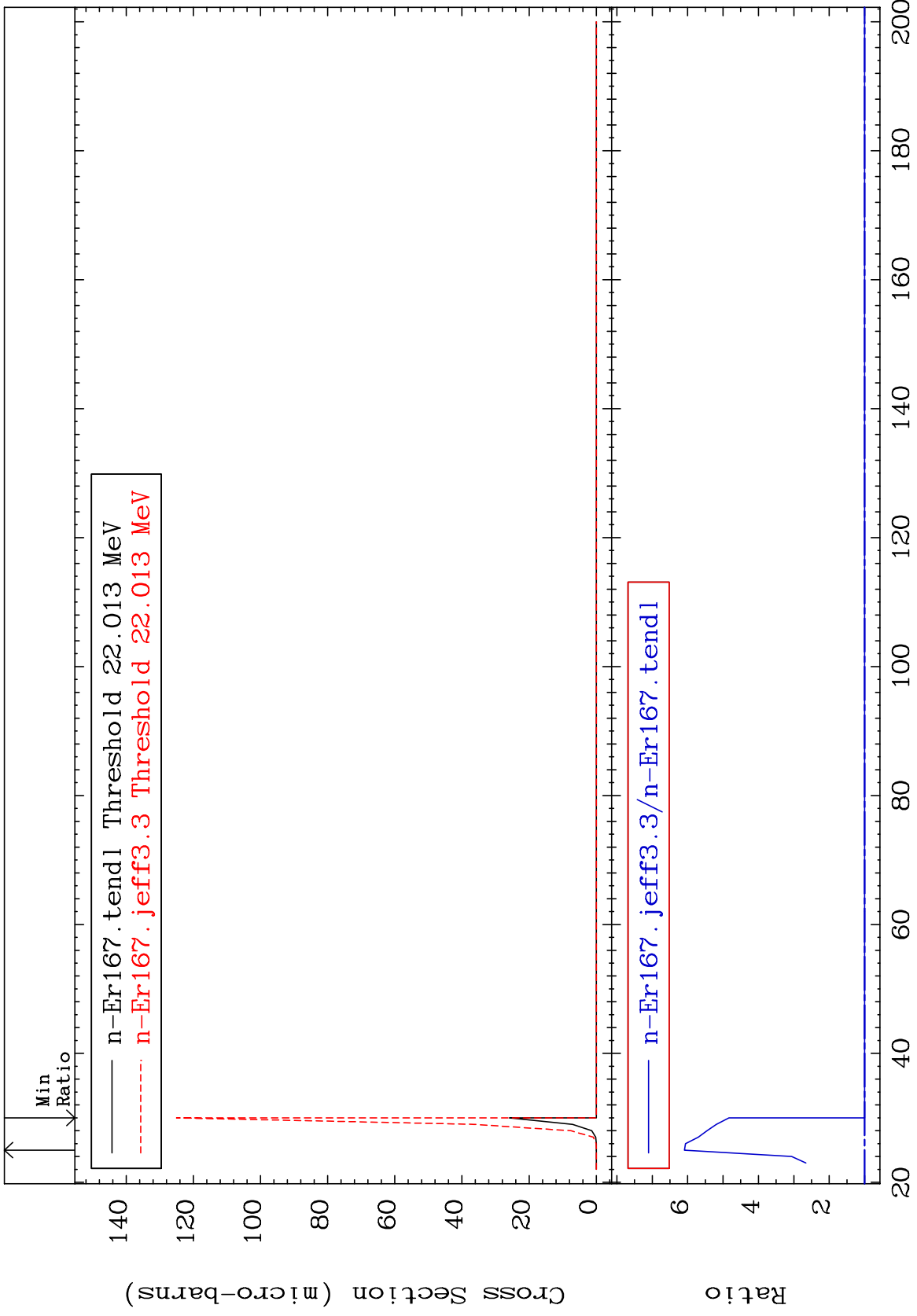


MAT 6840

(n,3n) p:67-Ho-164m3

68-Er-167

Radionuclide Production Cross Section 0.000 To 508.9 %

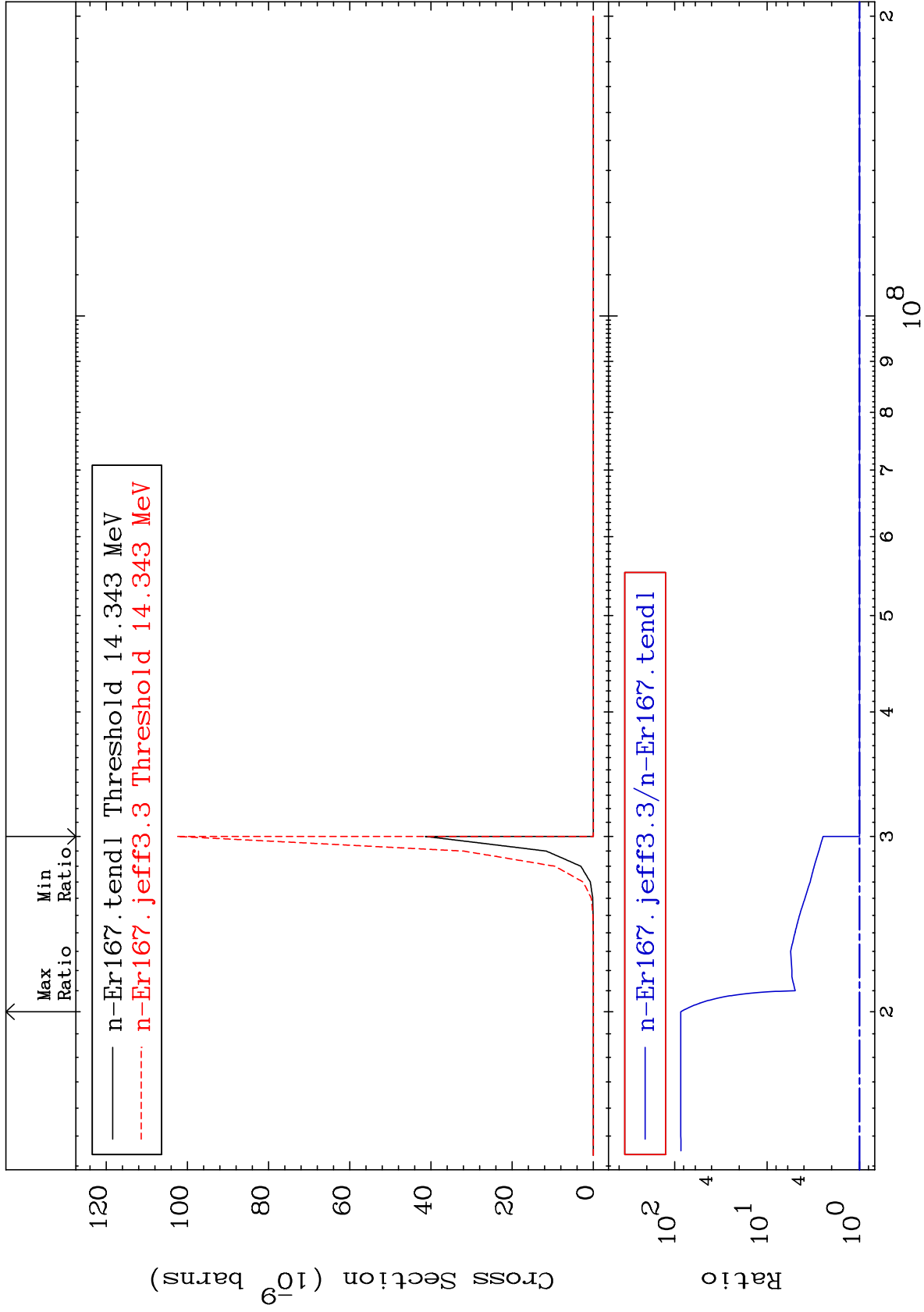


87

Incident Energy (MeV)

68-Er-167

Radionuclide Production Cross Section 0.000 To 8495. %



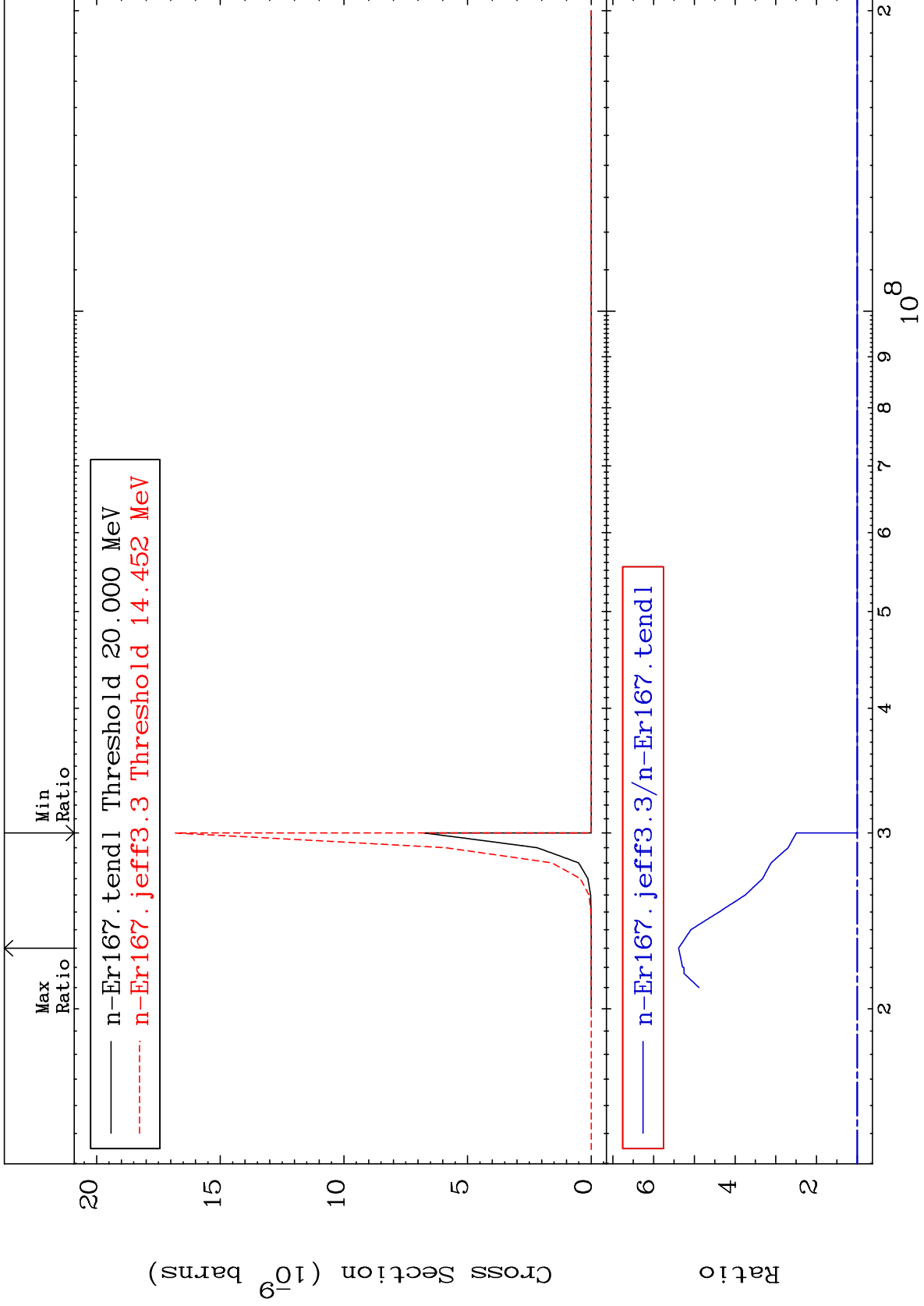


MAT 6840

(n,2n) p:66-Dy-165m2

68-Er-167

Radionuclide Production Cross Section 0.000 To 438.6 %



89

Incident Energy (eV)

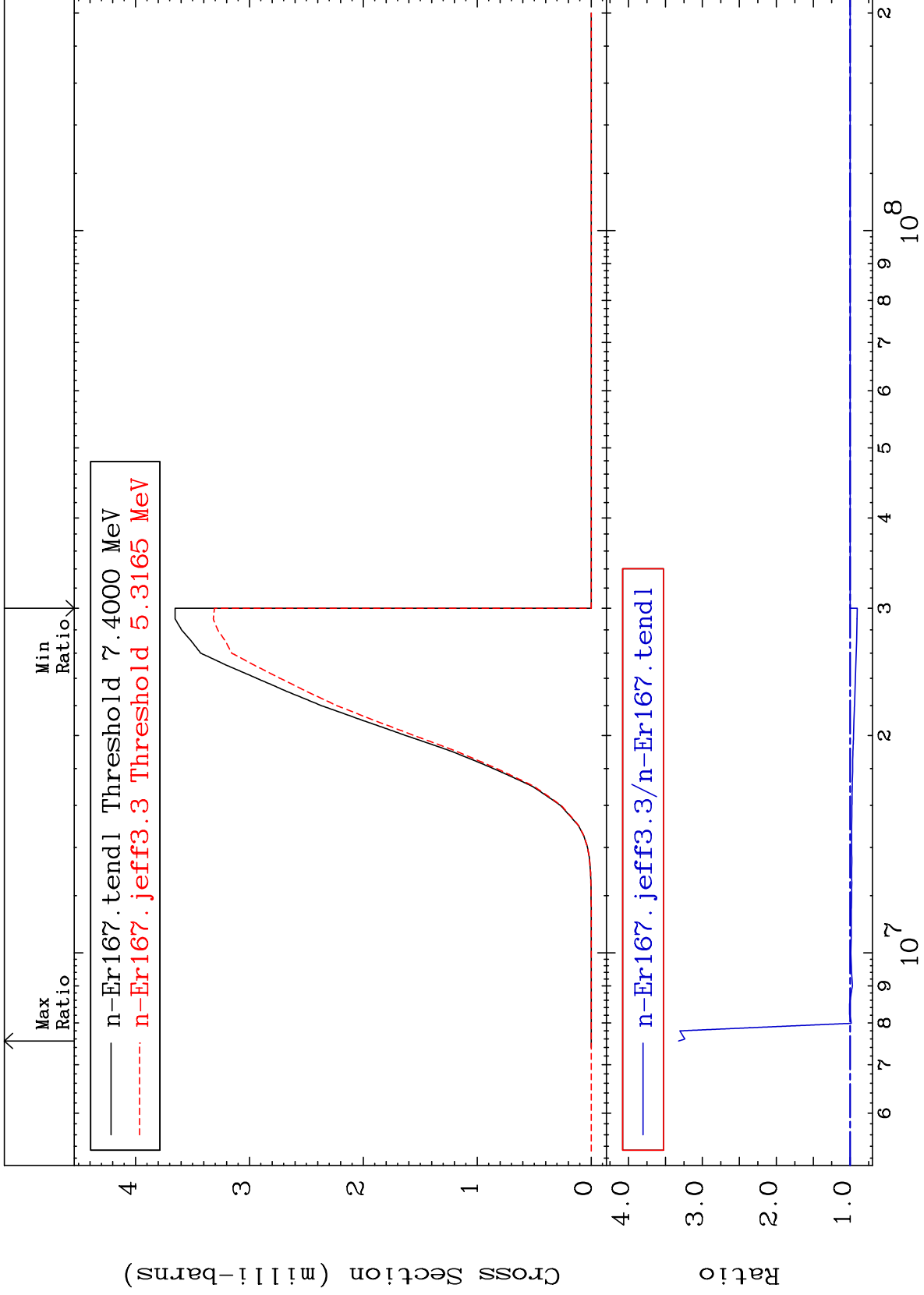
68-Er-167

MAT 6840

(n, d) : 67-Ho-166g

68-Er-167

Radionuclide Production Cross Section -9.465 To 232.1 %

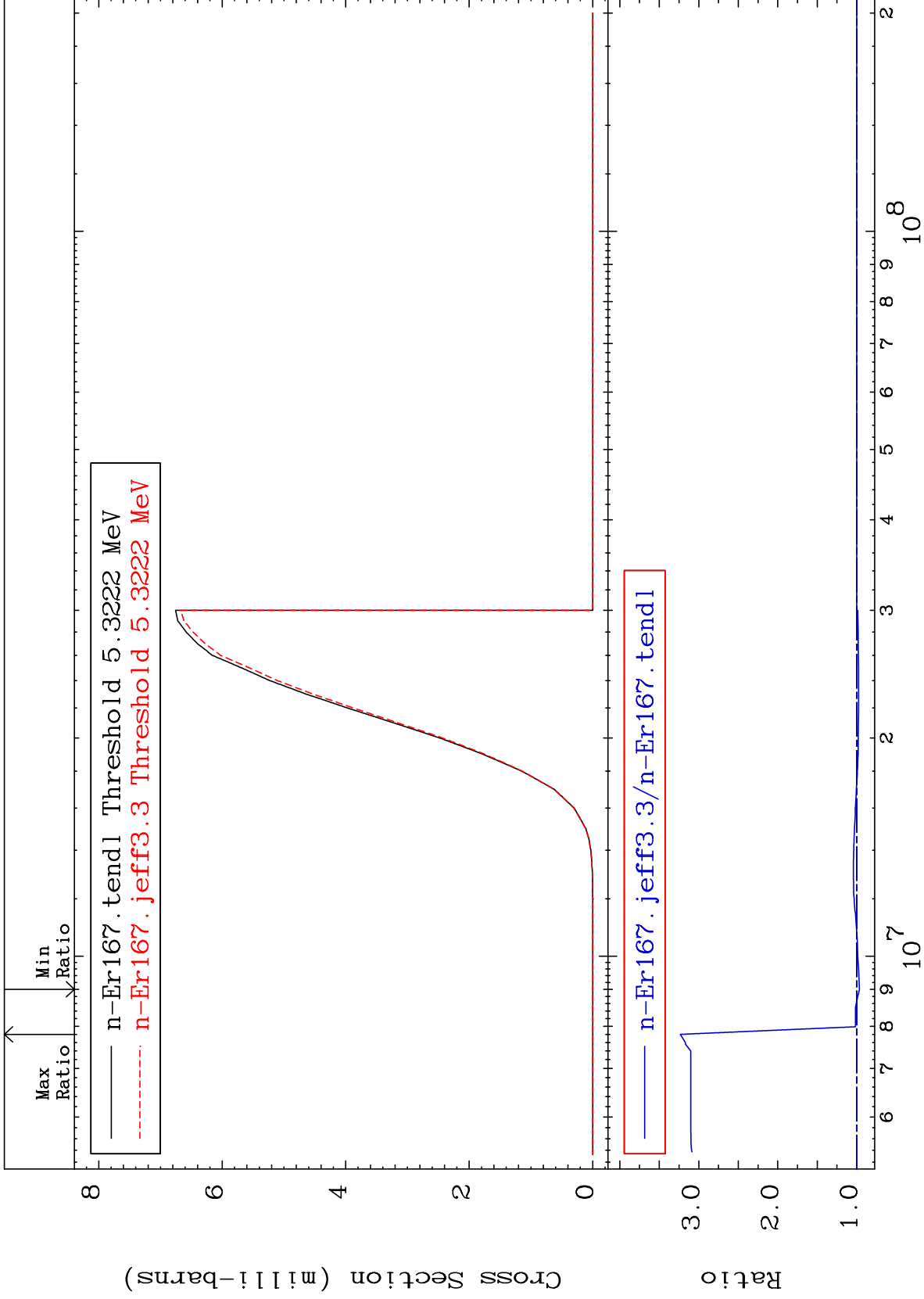


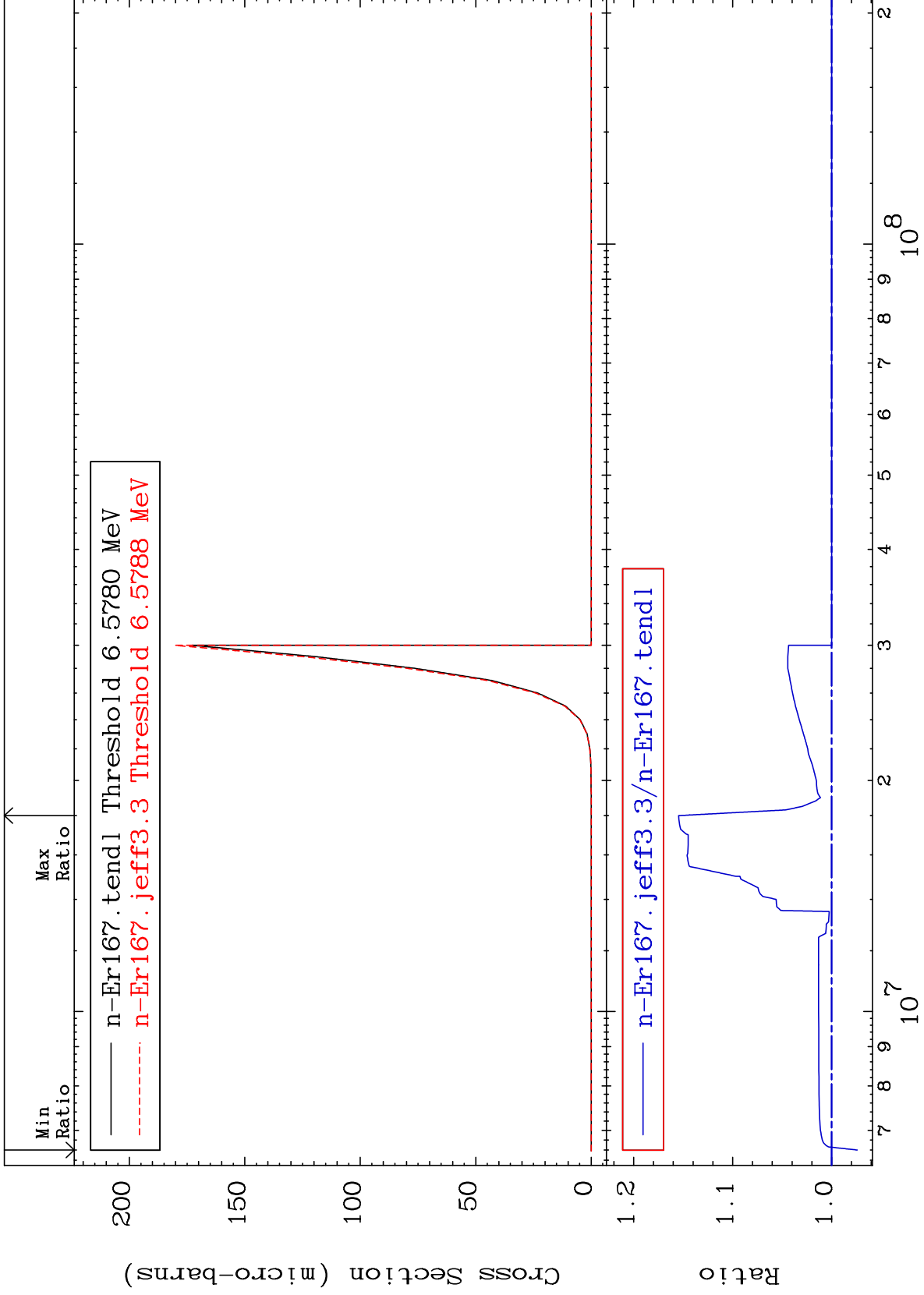
90

68-Er-167

68-Er-167

Radionuclide Production Cross Section -3.410 To 223.3 %





Radionuclide Production Cross Section -1.350 To 11.97 %

