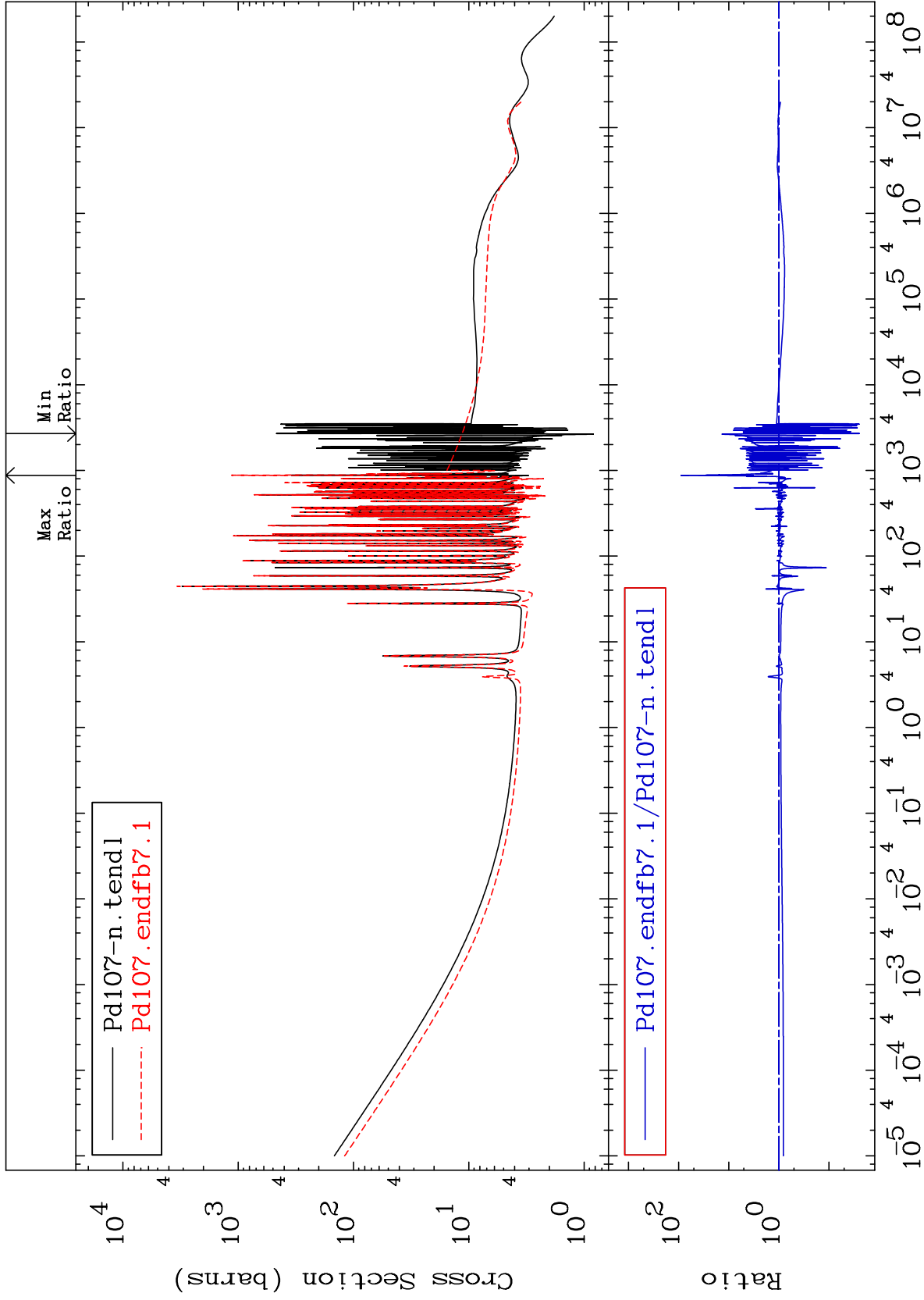


MAT 4640

46-Pd-107

-97.54 To 8984. %

Total  
Cross Section



Incident Energy (eV)

46-Pd-107

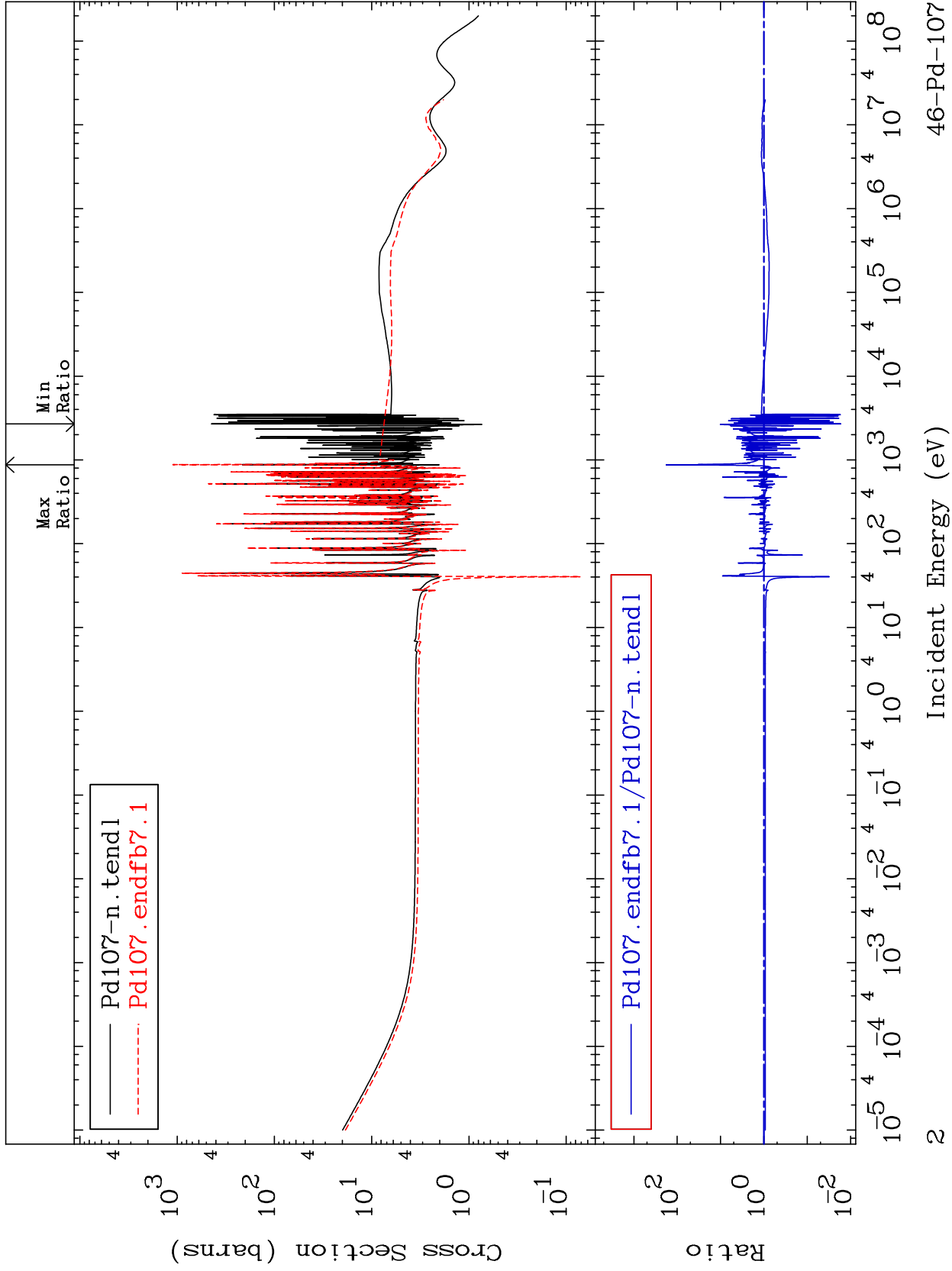
MAT 4640

Elastic

Cross Section

46-Pd-107

-98.31 To 9999. %



Incident Energy (eV)

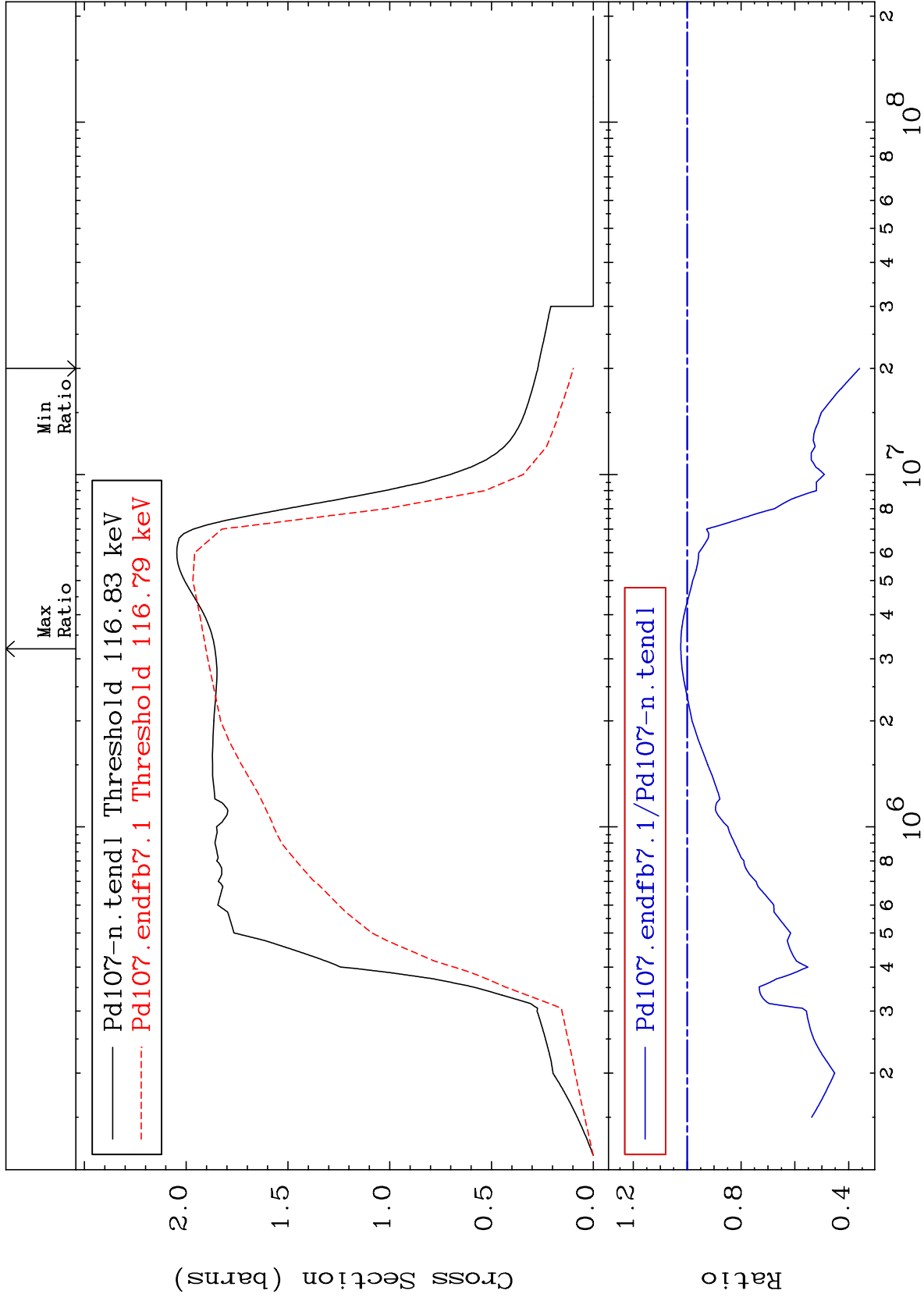
46-Pd-107

MAT 4640

46-Pd-107

-64.01 To 2.379 %

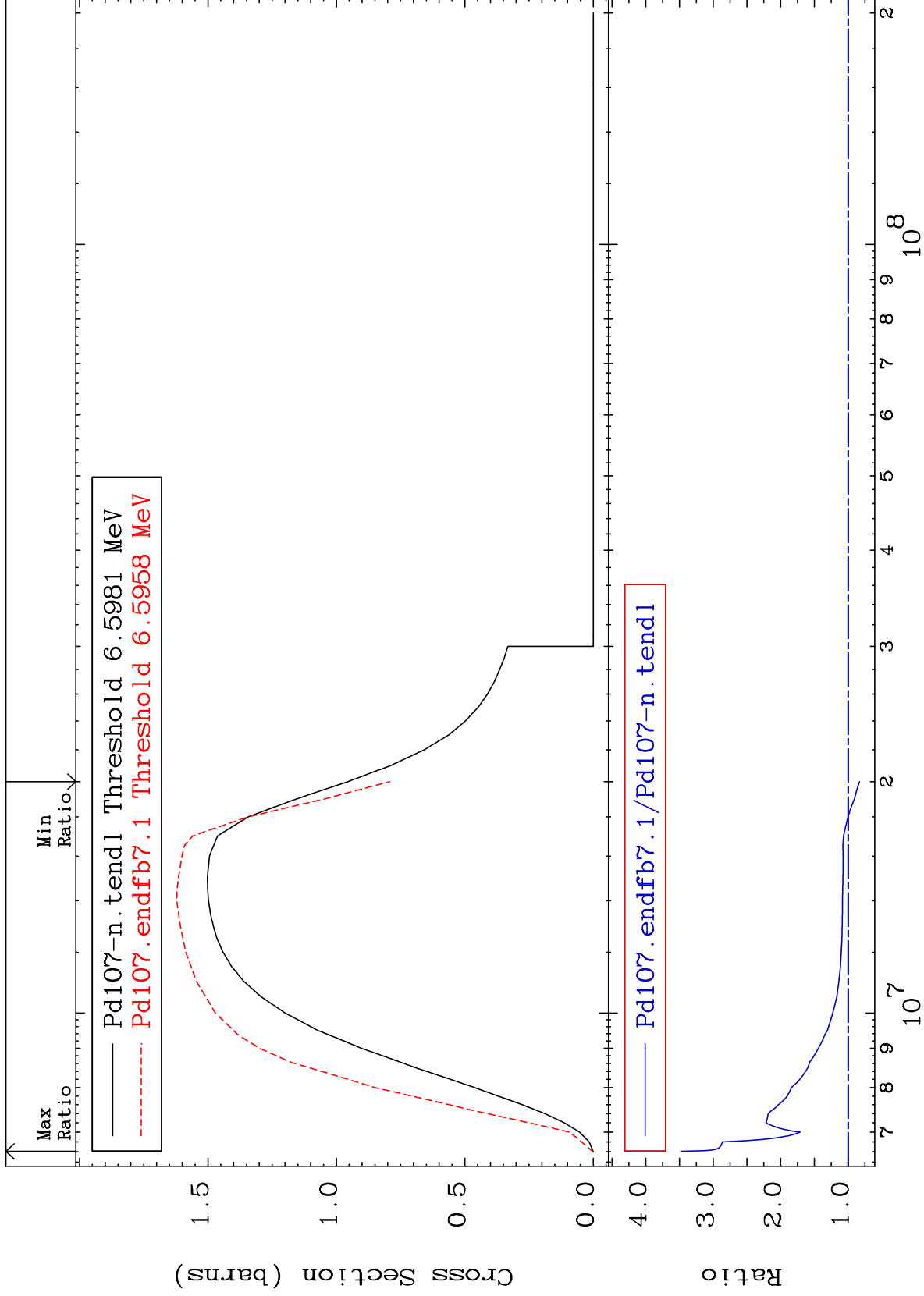
Inelastic  
Cross Section



MAT 4640

(n,2n)  
Cross Section

46-Pd-107  
-17.11 To 248.2 %



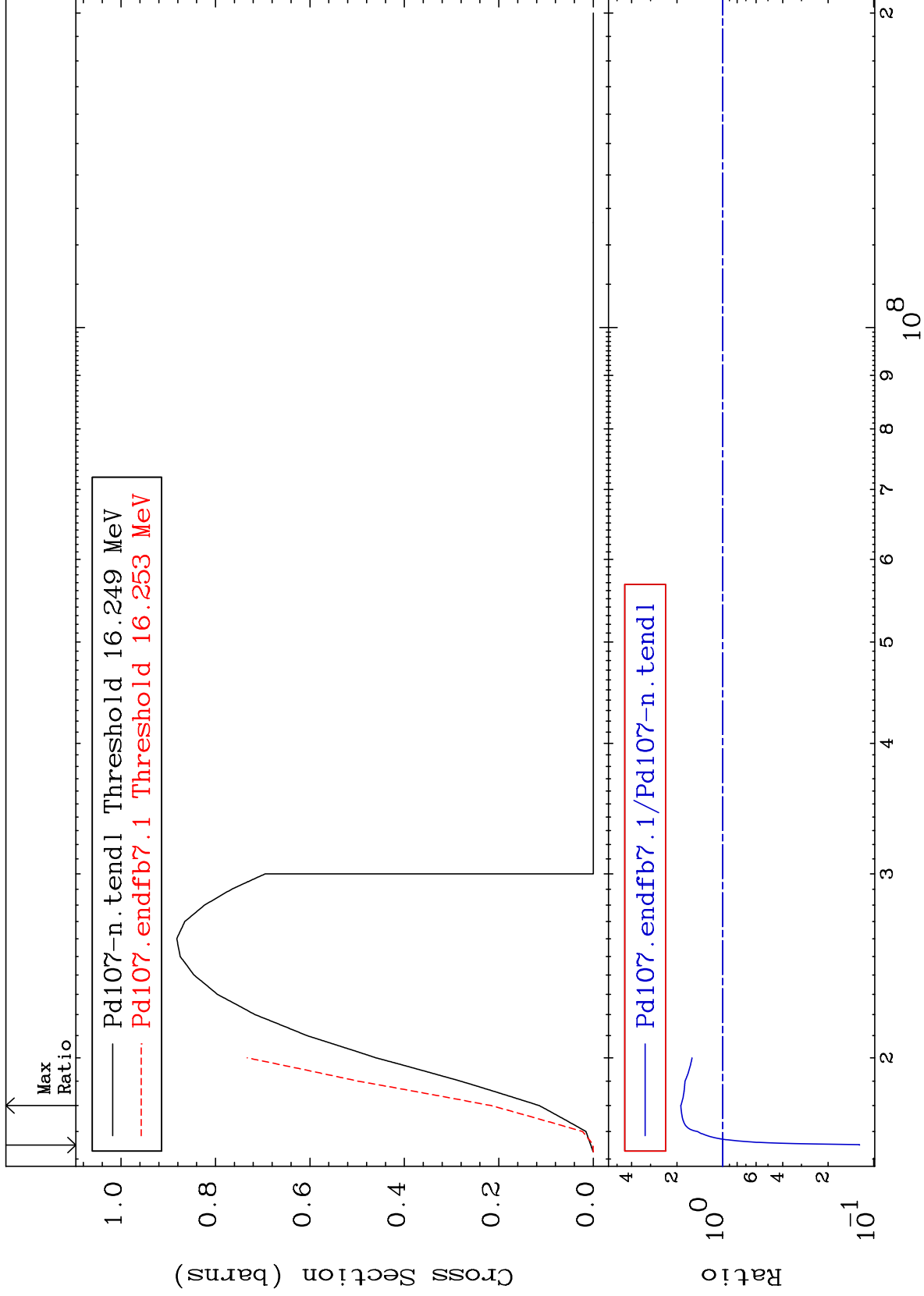
4

46-Pd-107

MAT 4640

(n,3n)  
Cross Section

46-Pd-107  
-87.61 To 89.05 %



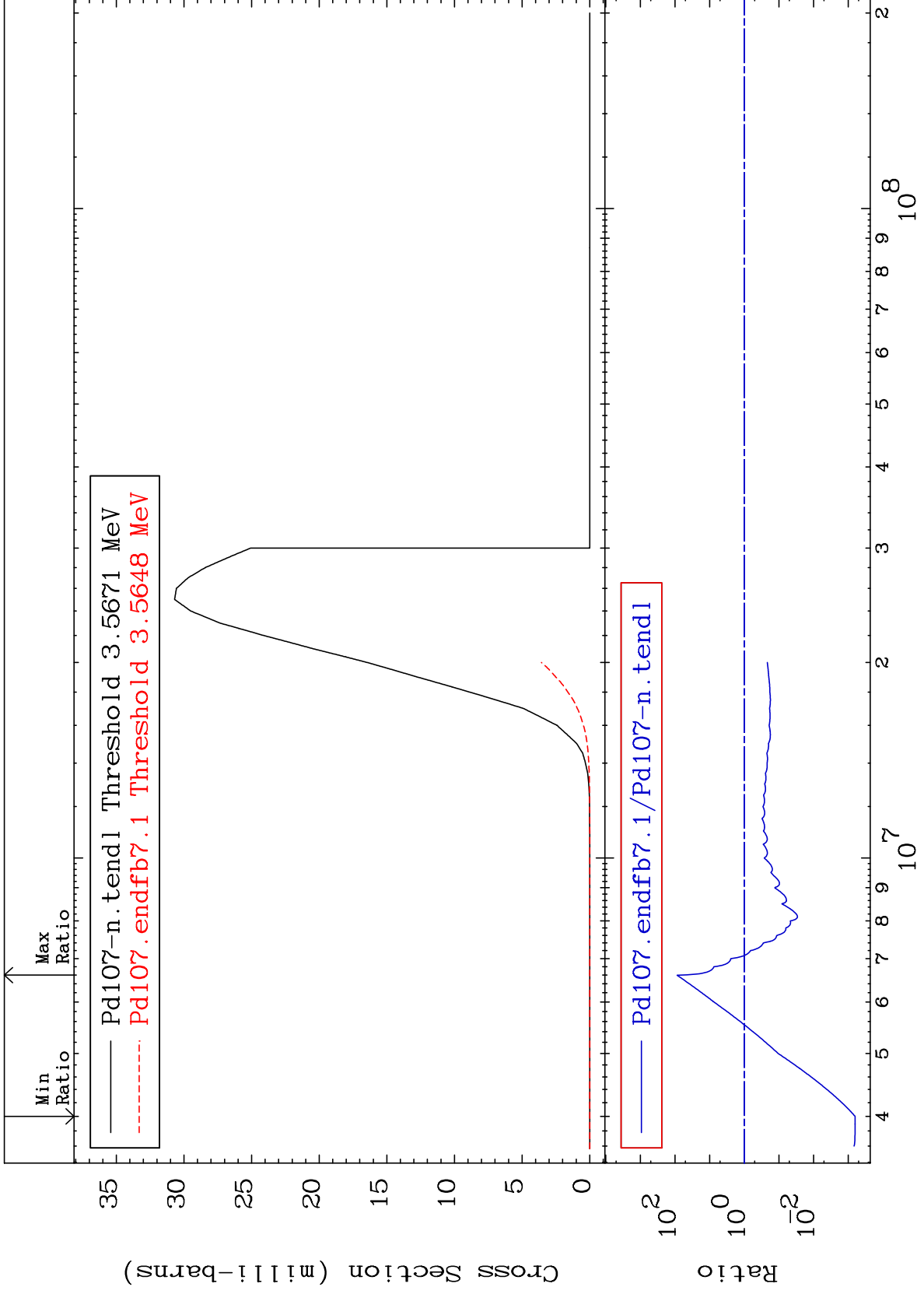
5

46-Pd-107

MAT 4640

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

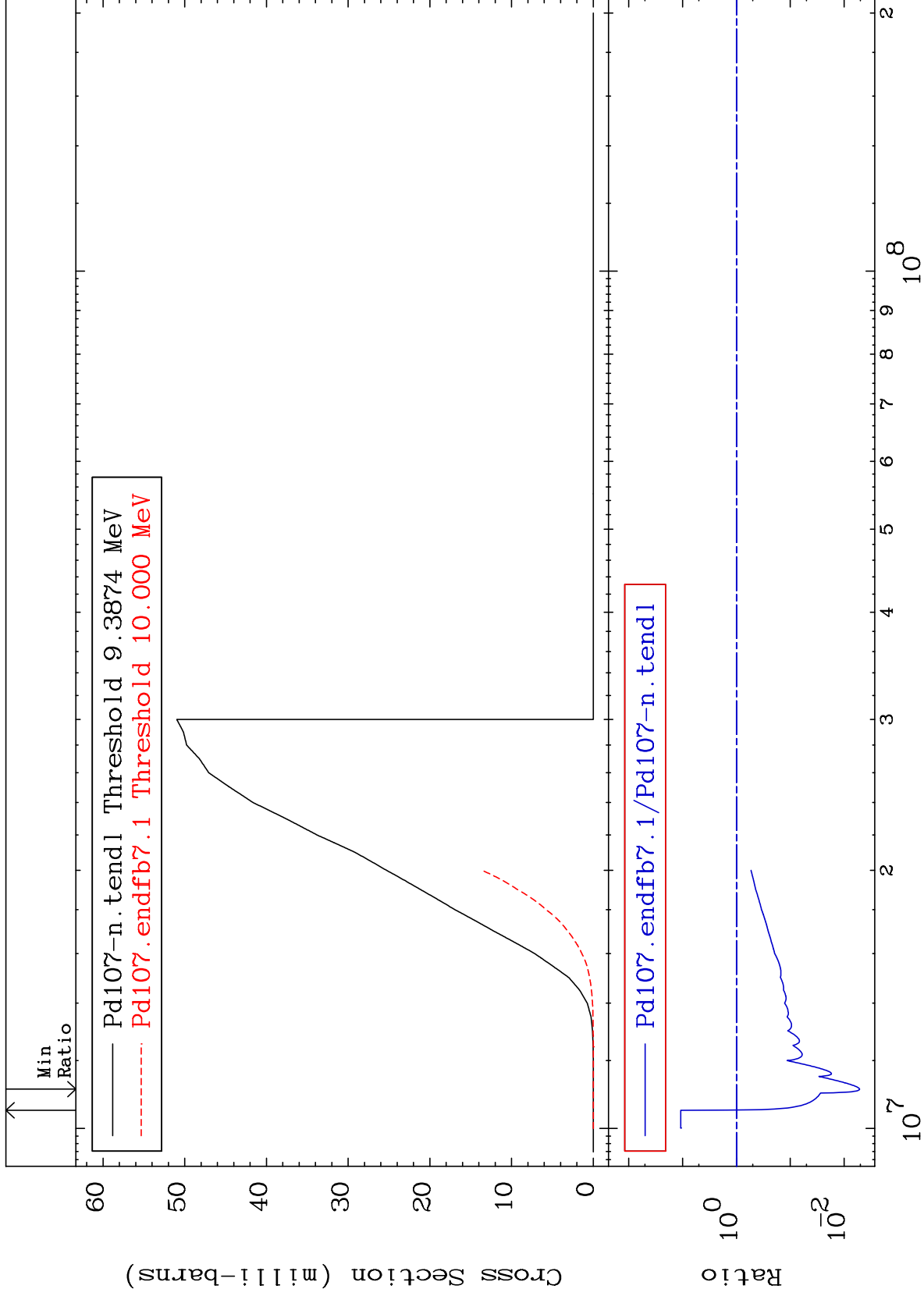
46-Pd-107  
-99.94 To 8720. %



MAT 4640

(n,n') p  
Cross Section

46-Pd-107  
-99.48 To 979.5 %



7

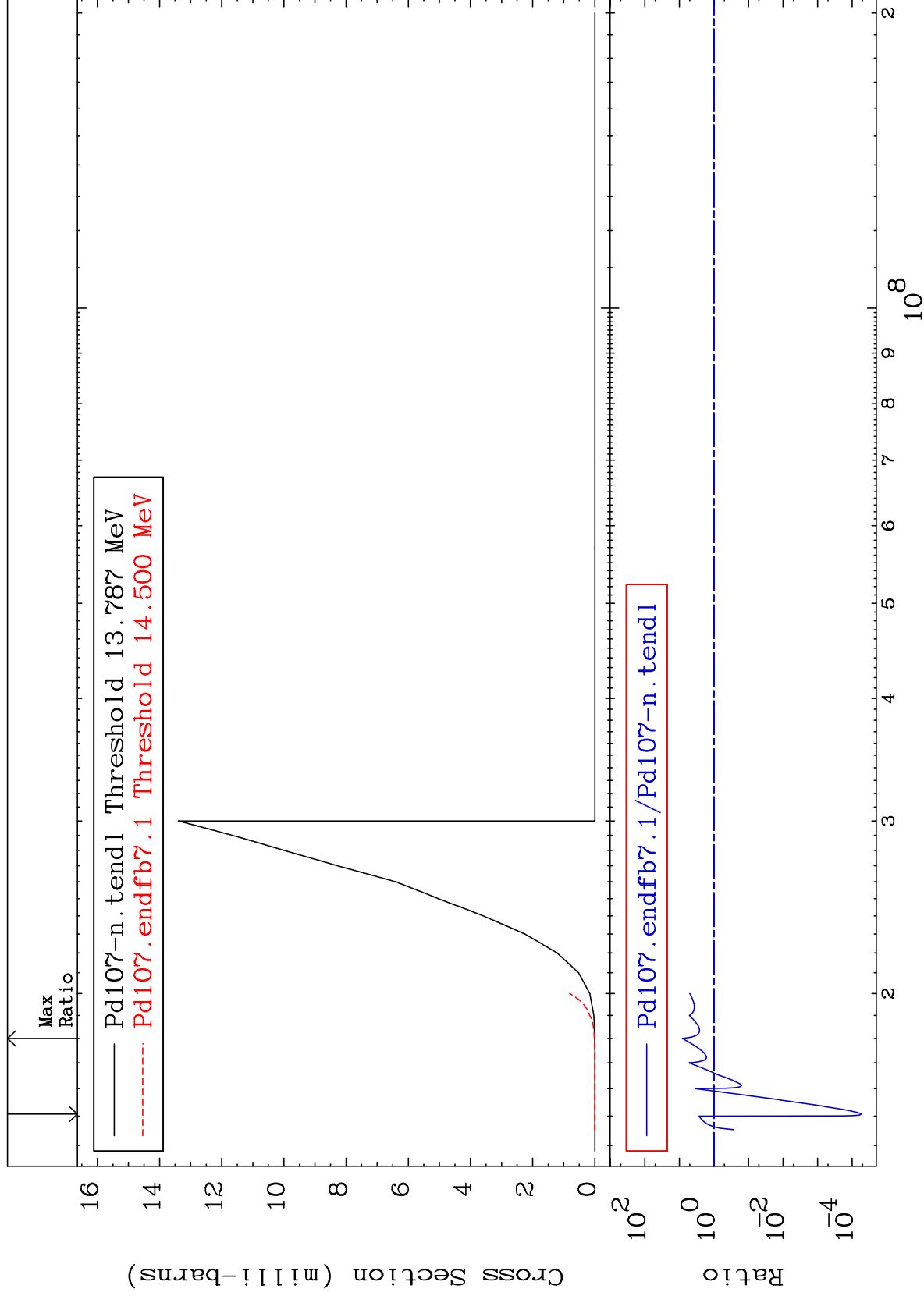
Incident Energy (eV)

46-Pd-107

MAT 4640

(n, n') d  
Cross Section

46-Pd-107  
-99.99 To 719.6 %

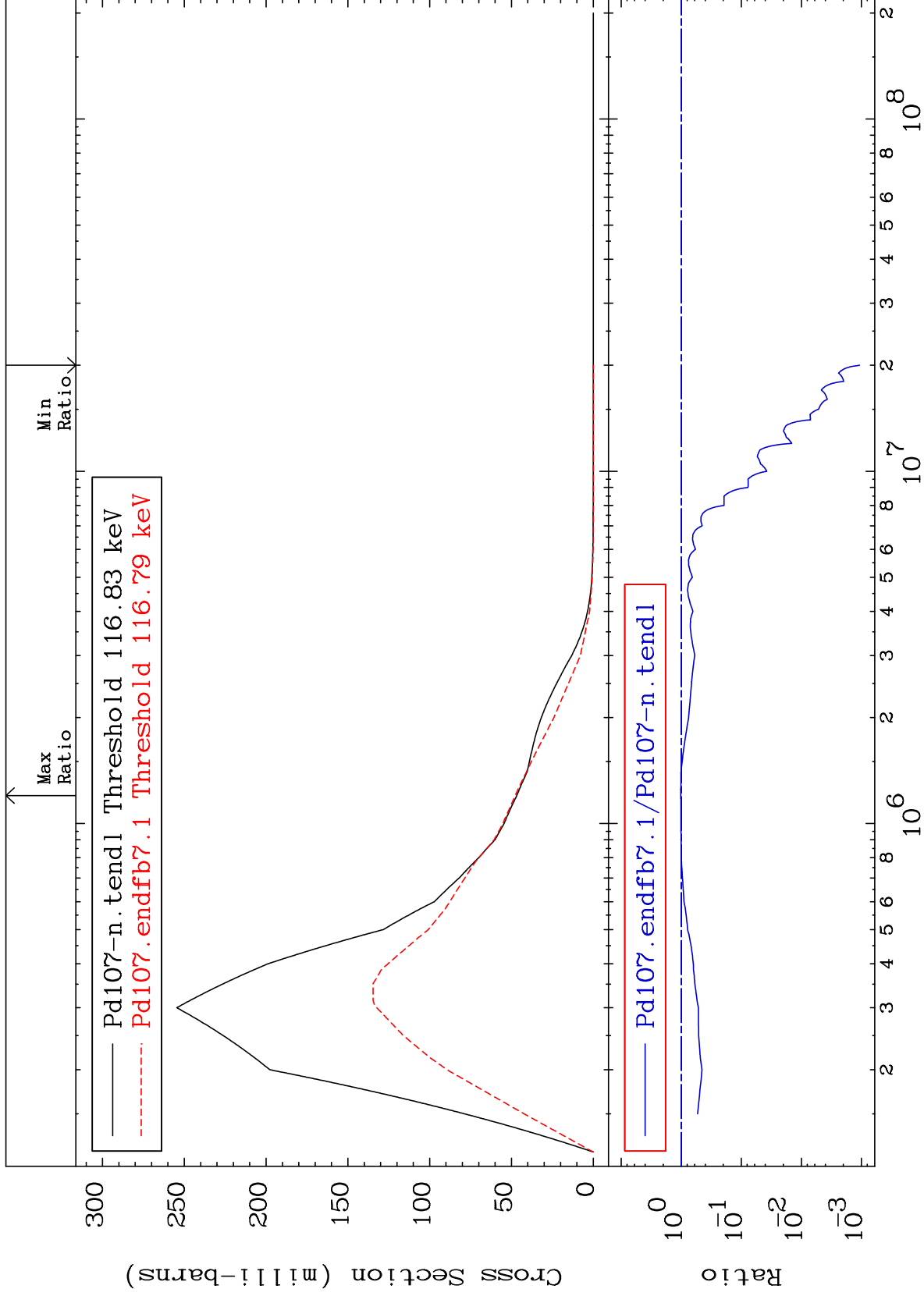




MAT 4640

115.7 keV (n,n') Level  
Cross Section

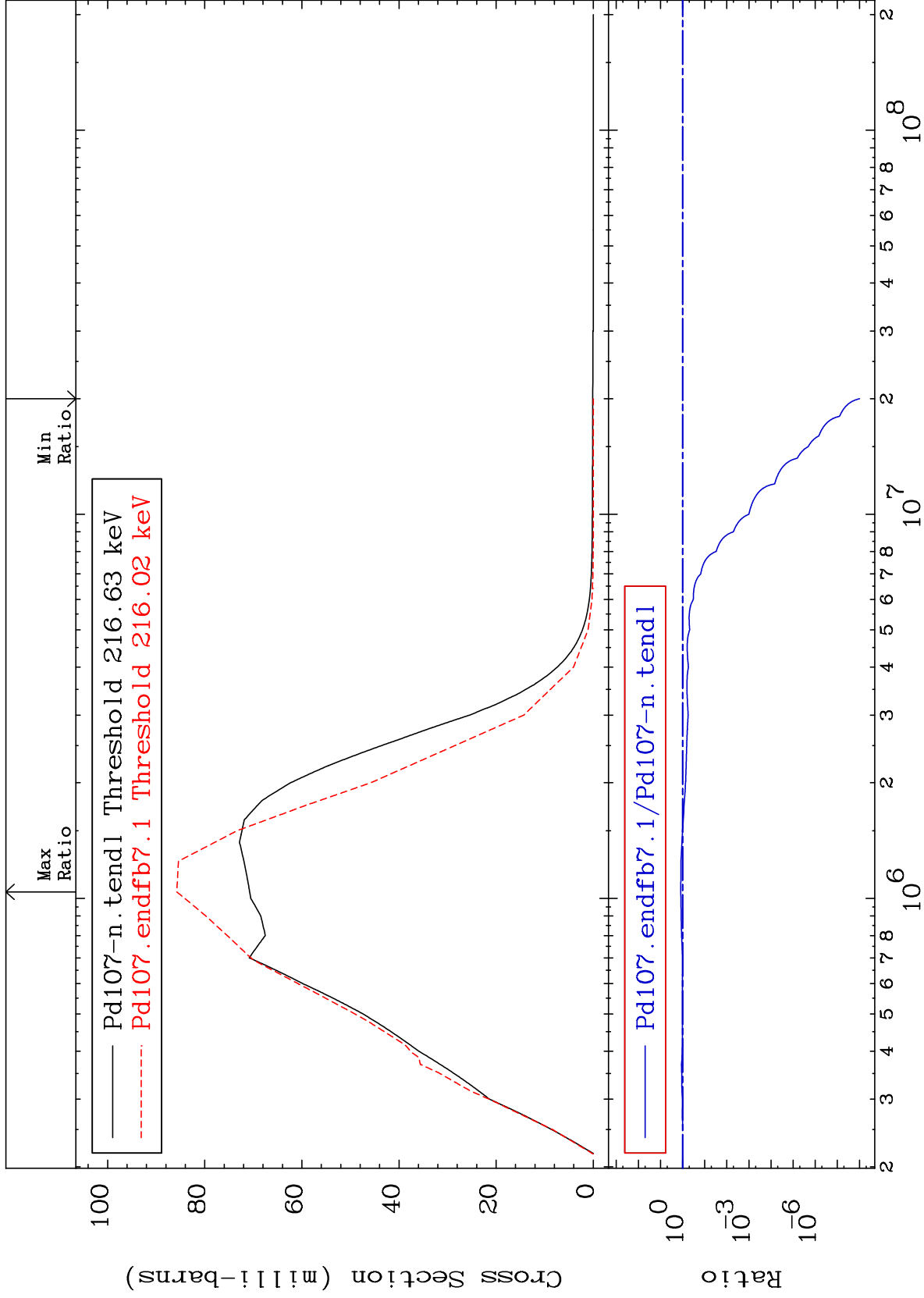
46-Pd-107  
-99.89 To 2.036 %



MAT 4640

214.6 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 21.22 %



10

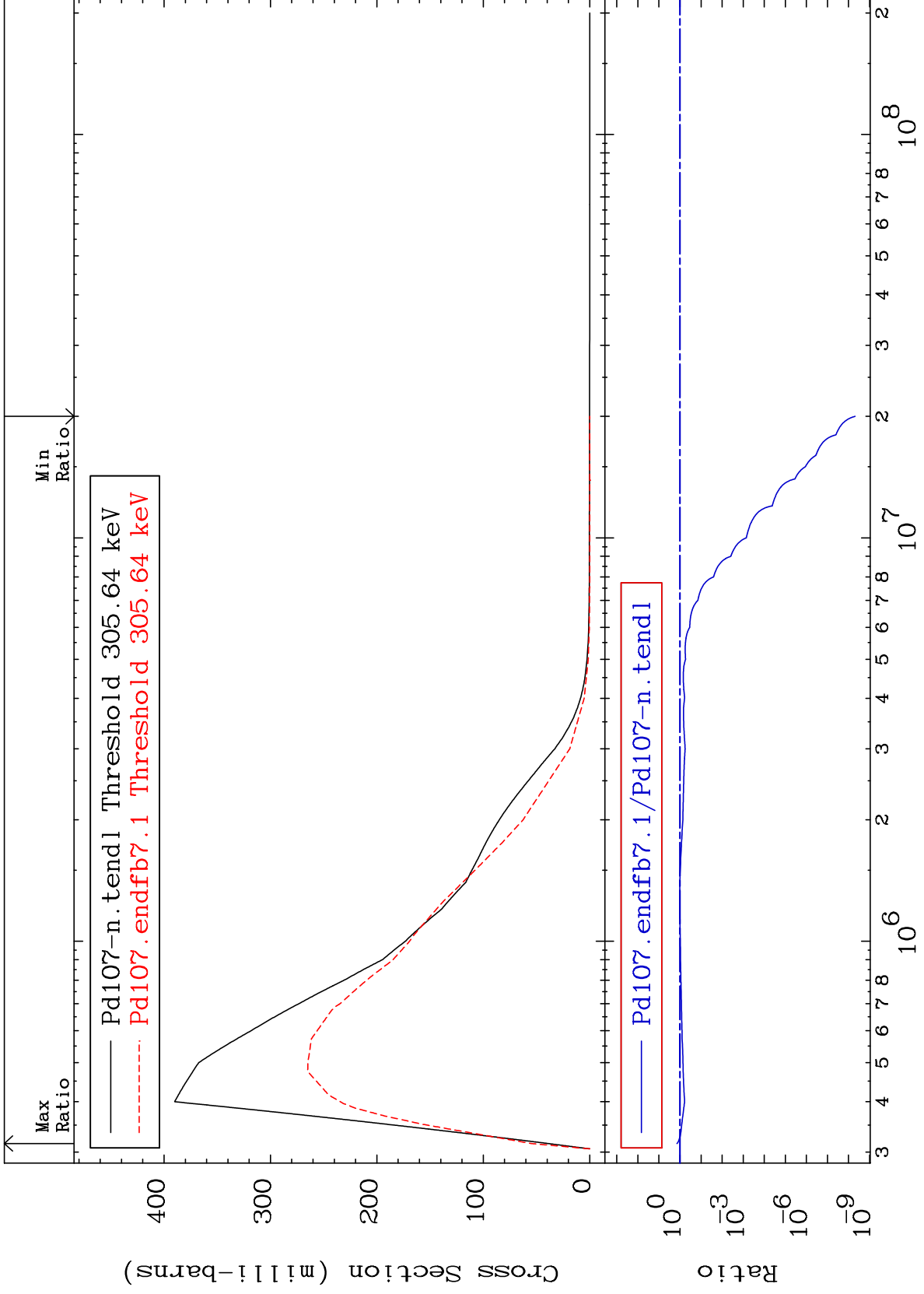
Incident Energy (eV)

46-Pd-107

MAT 4640

302.8 keV (n,n') Level  
Cross Section

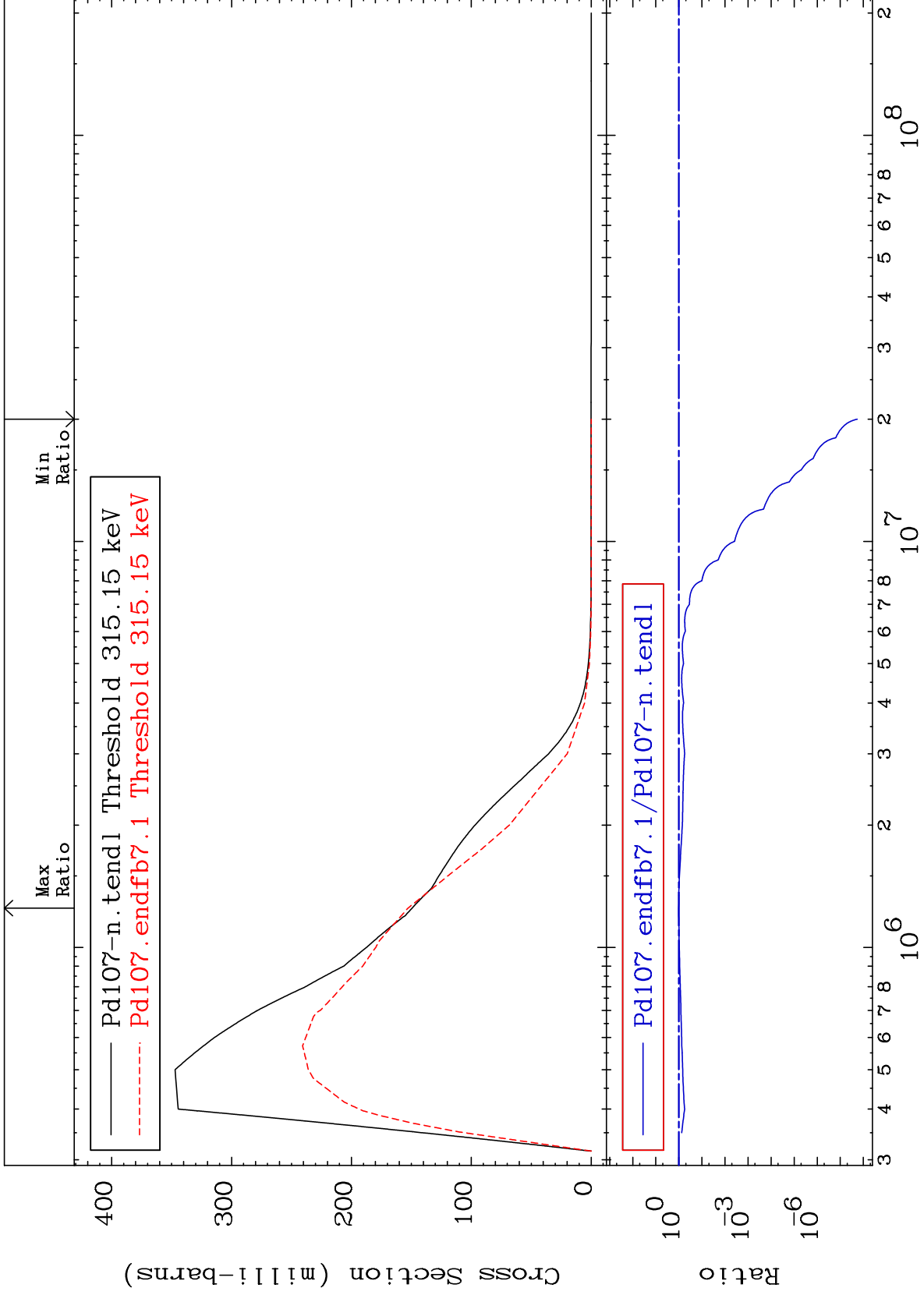
46-Pd-107  
-100.0 To 39.89 %



MAT 4640

312.2 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 2.276 %



12

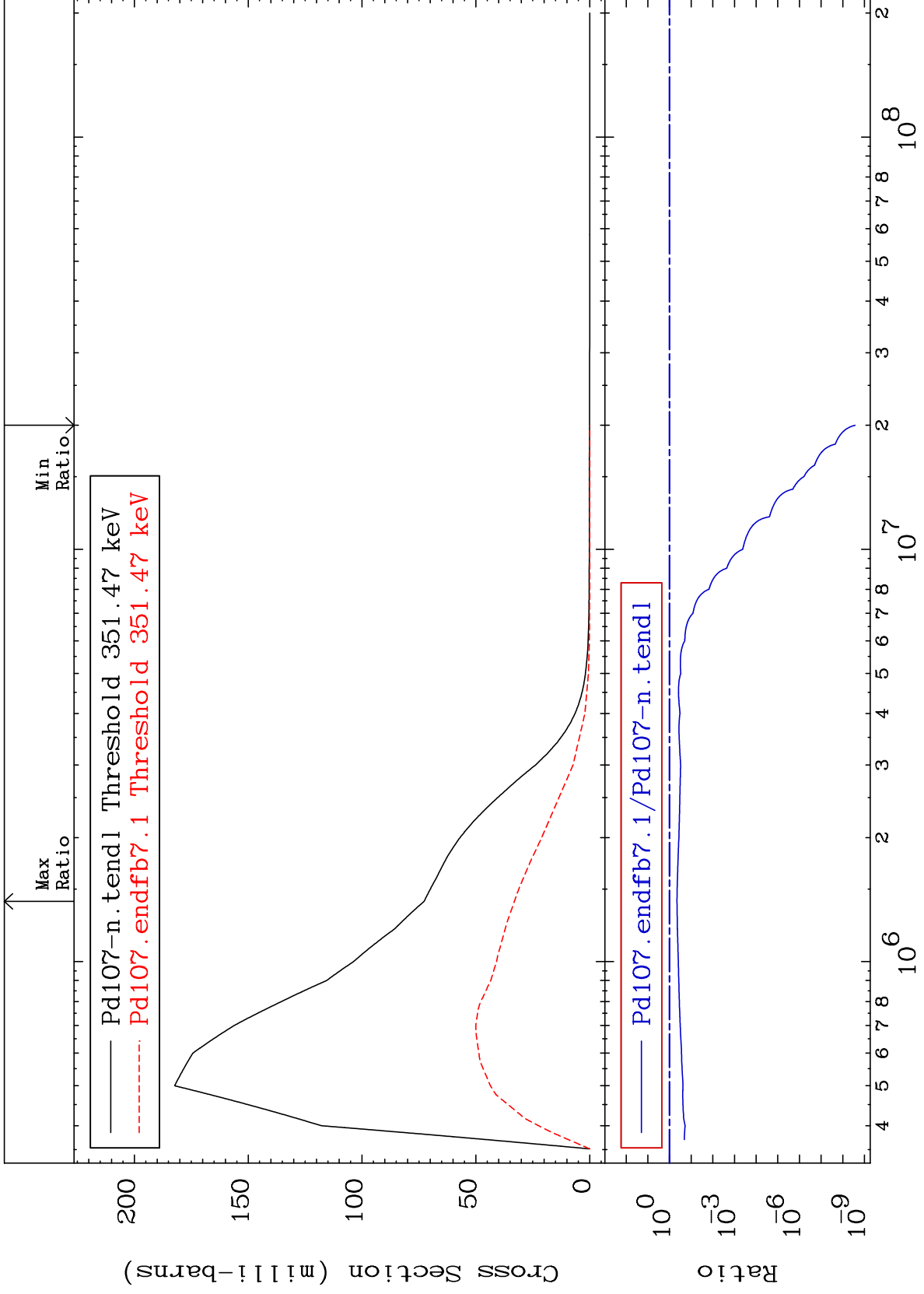
Incident Energy (eV)

46-Pd-107

MAT 4640

348.2 keV (n,n') Level  
Cross Section

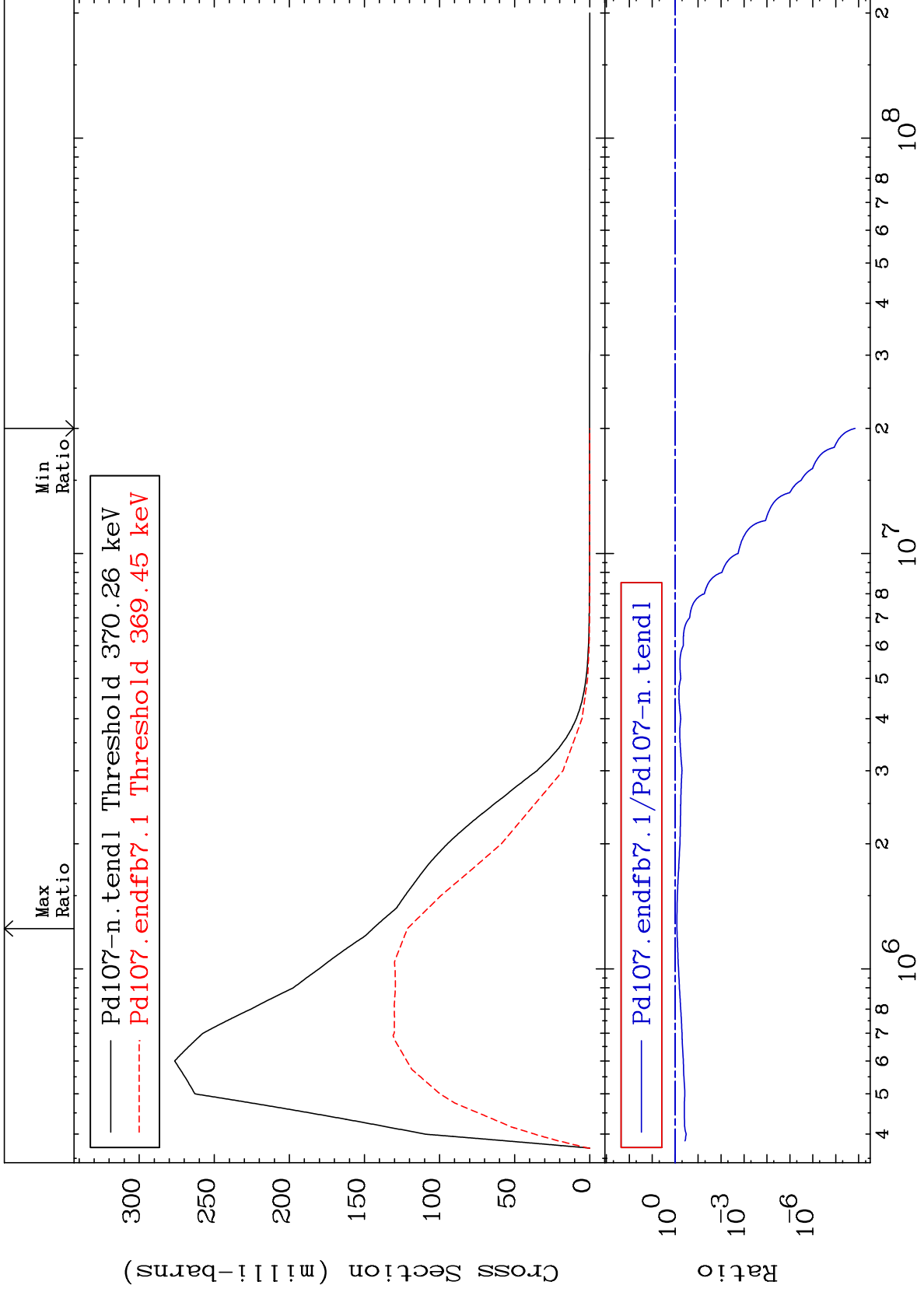
46-Pd-107  
-100.0 To -54.53%



MAT 4640

366.8 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To -15.88%



14

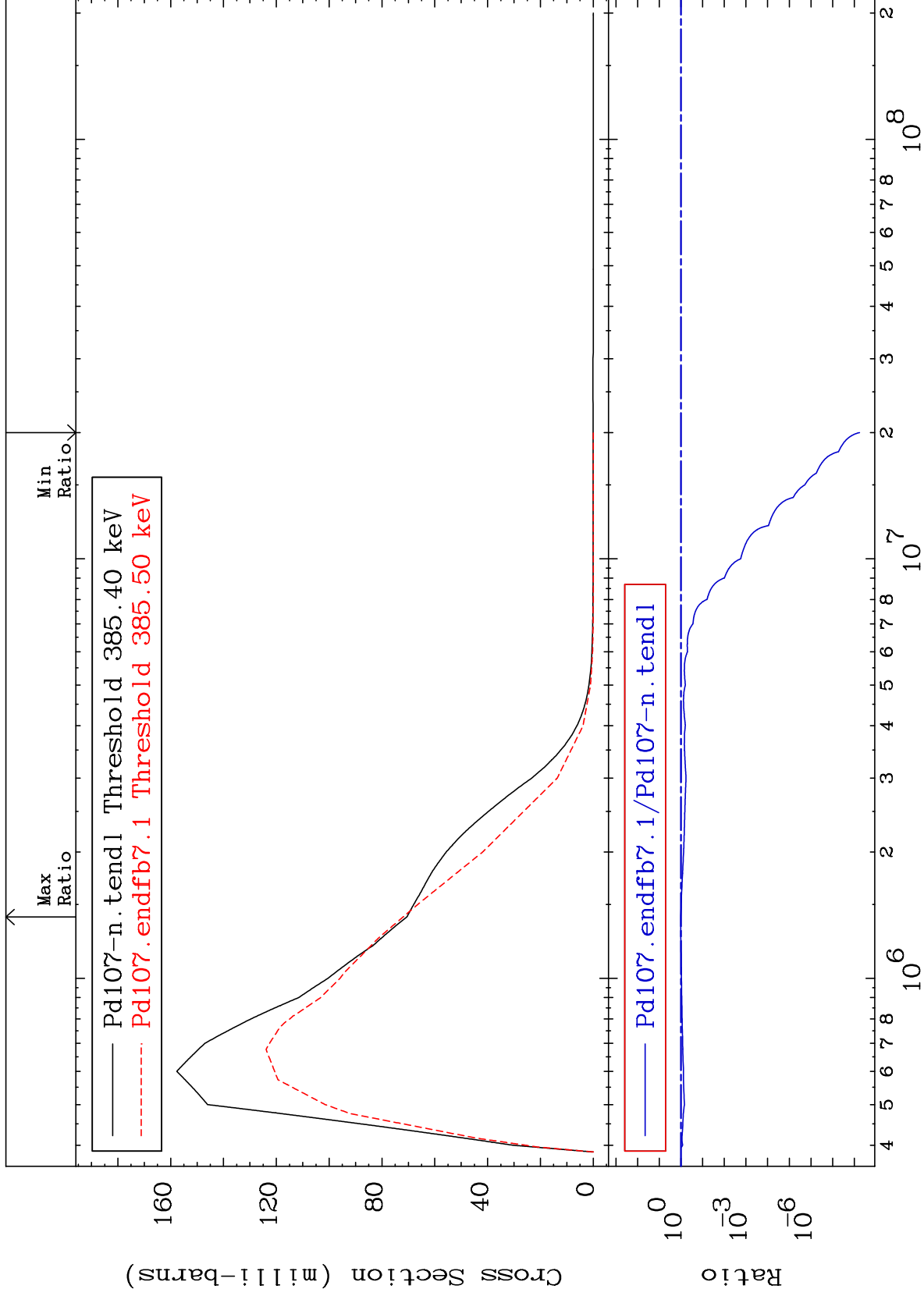
Incident Energy (eV)

46-Pd-107

MAT 4640

381.8 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 2.048 %



15

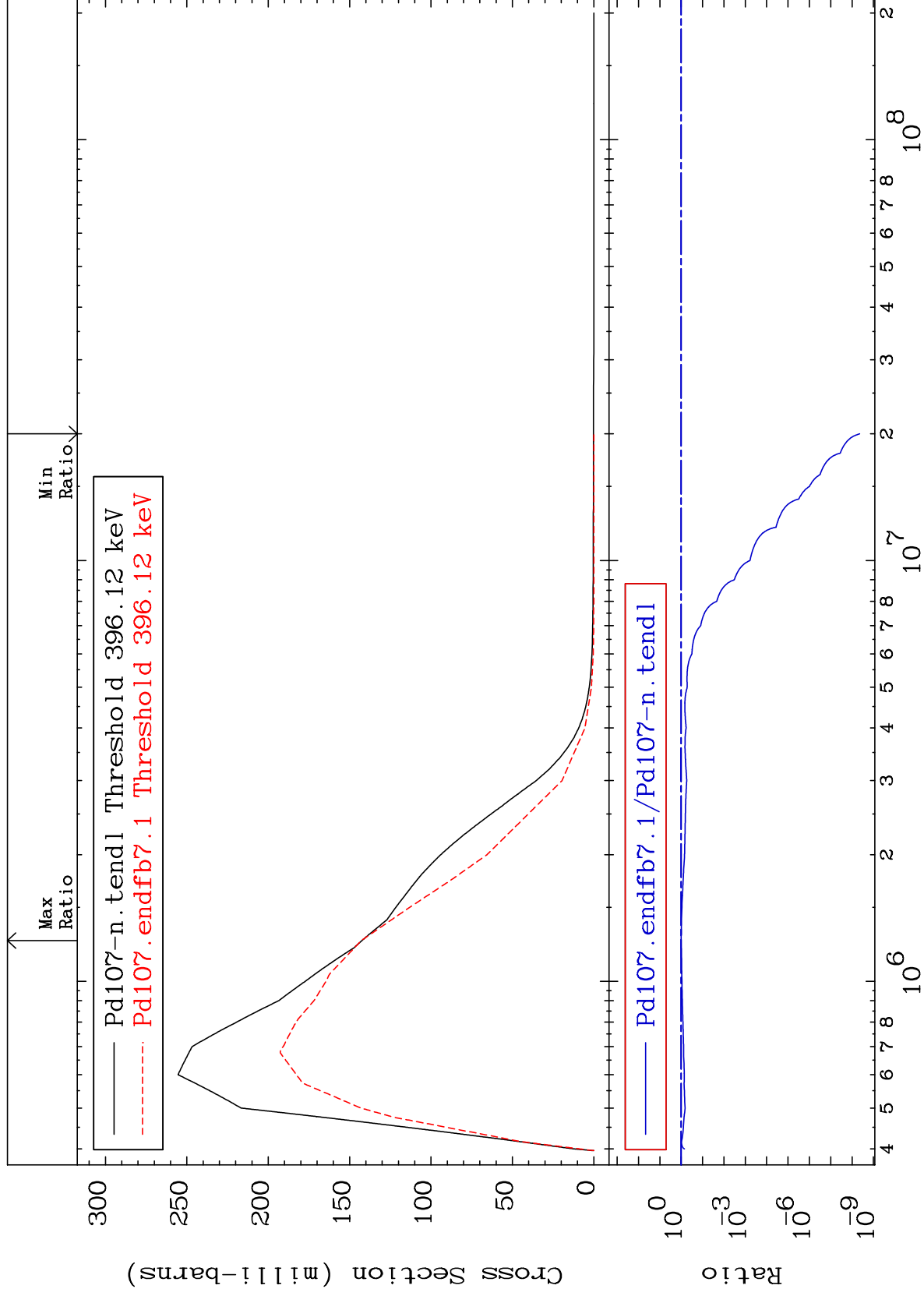
Incident Energy (eV)

46-Pd-107

MAT 4640

392.4 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 0.308 %



16

Incident Energy (eV)

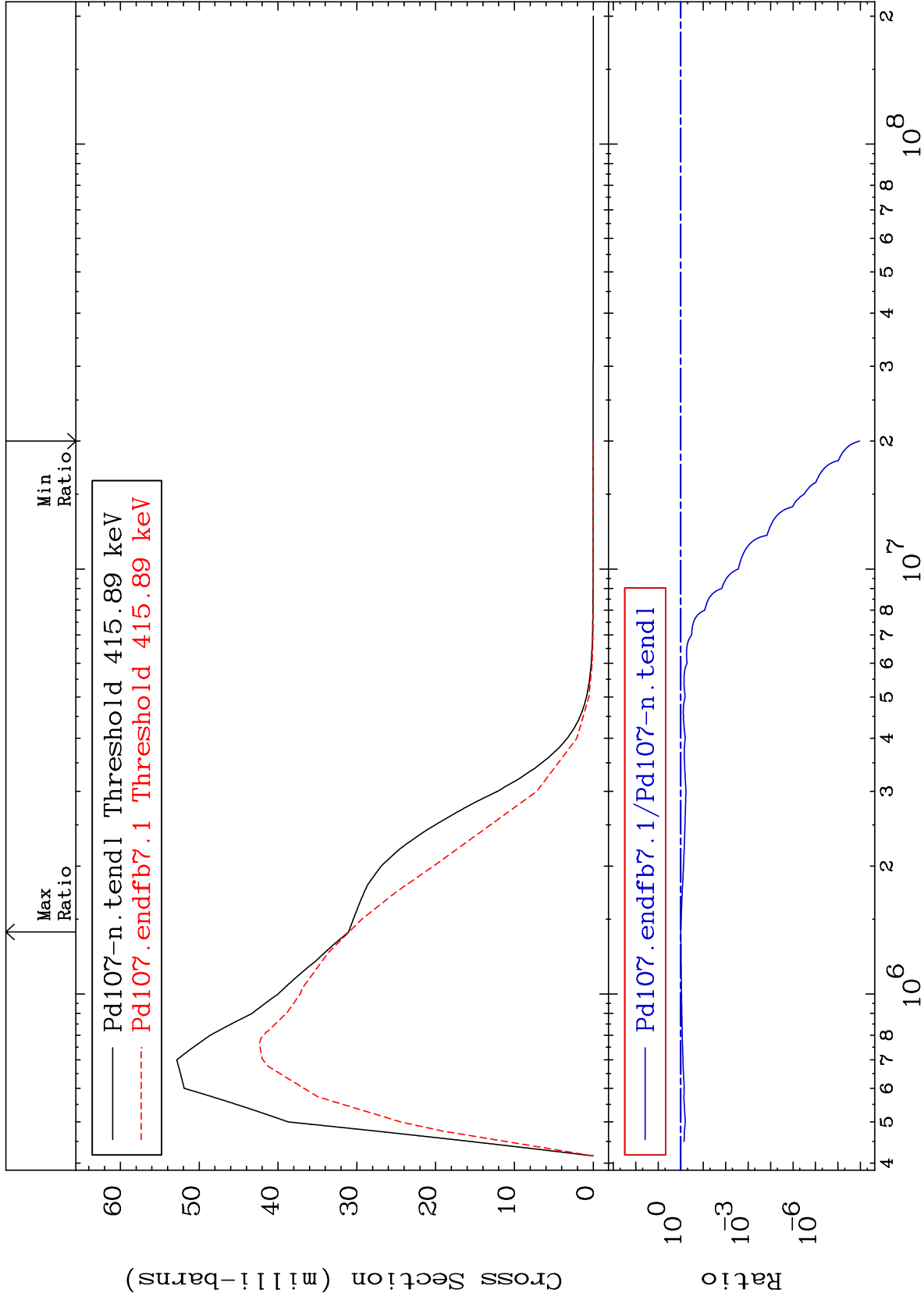
46-Pd-107



MAT 4640

412.0 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To -0.160%



17

Incident Energy (eV)

46-Pd-107

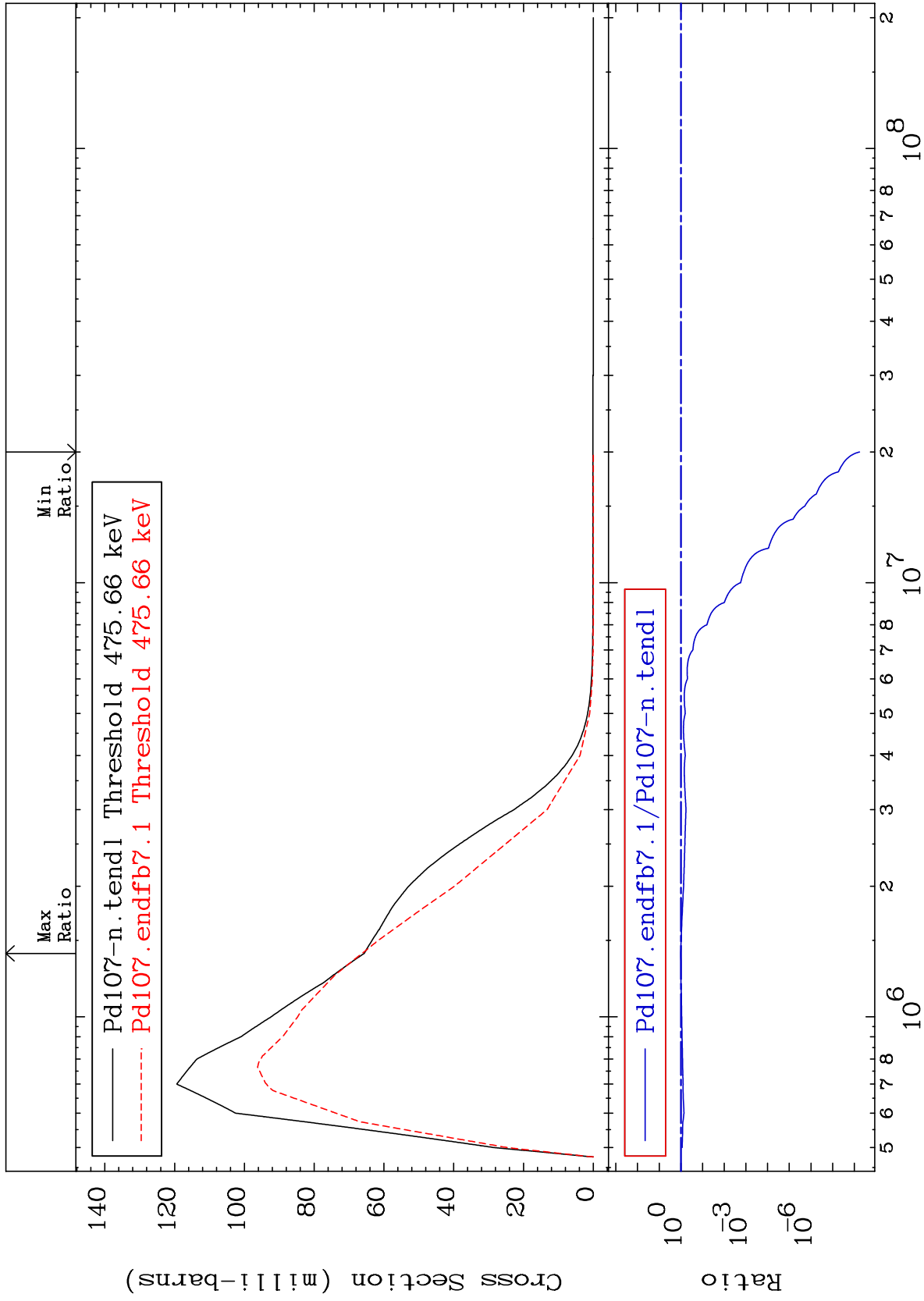
MAT 4640

471.2 keV (n,n') Level

46-Pd-107

-100.0 To 0.947 %

Cross Section



18

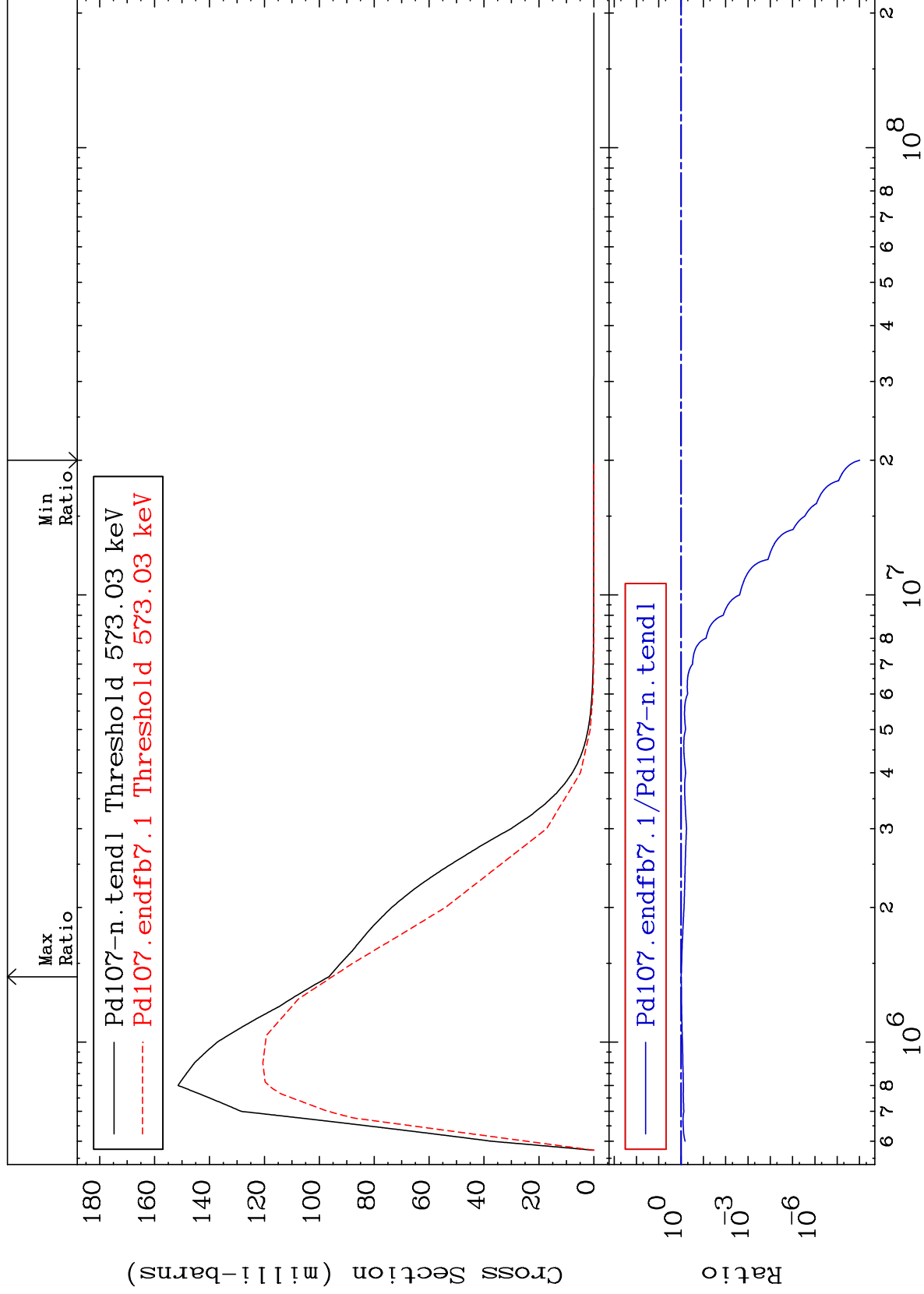
Incident Energy (eV)

46-Pd-107

MAT 4640

567.7 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To -1.247%



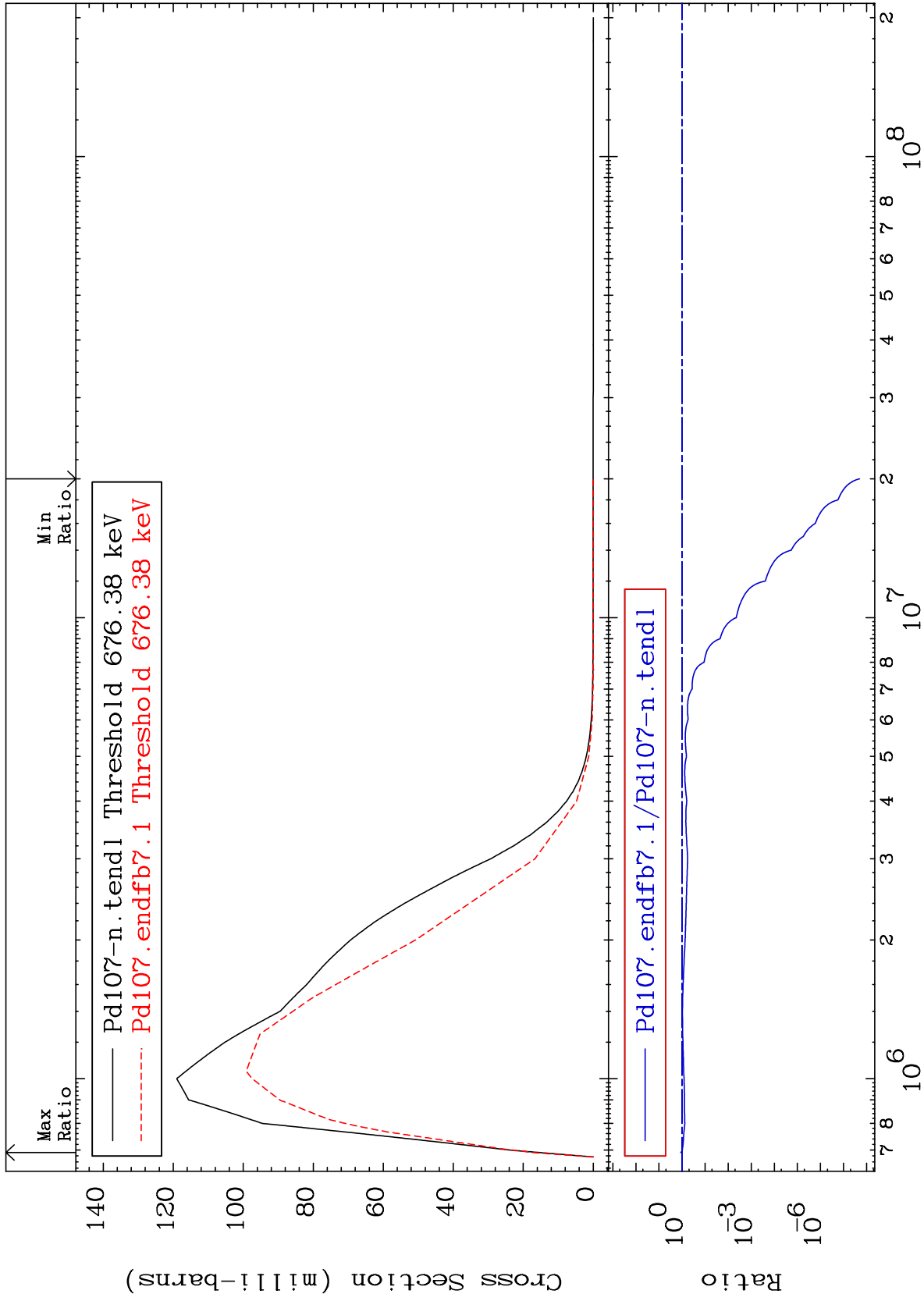
MAT 4640

670.1 keV (n,n') Level

46-Pd-107

-100.0 To 13.27 %

Cross Section



20

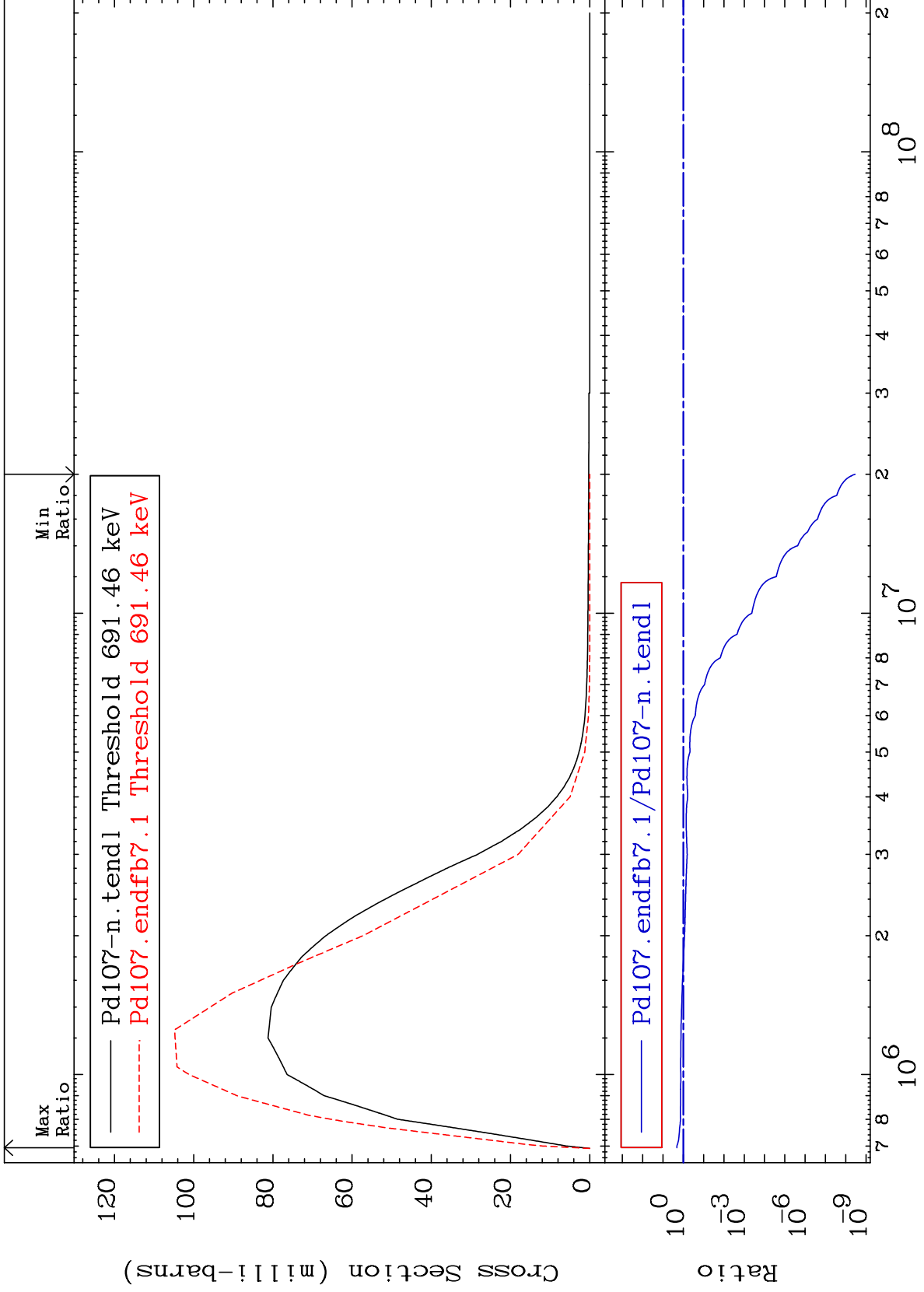
Incident Energy (eV)

46-Pd-107

MAT 4640

685.0 keV (n,n') Level  
Cross Section

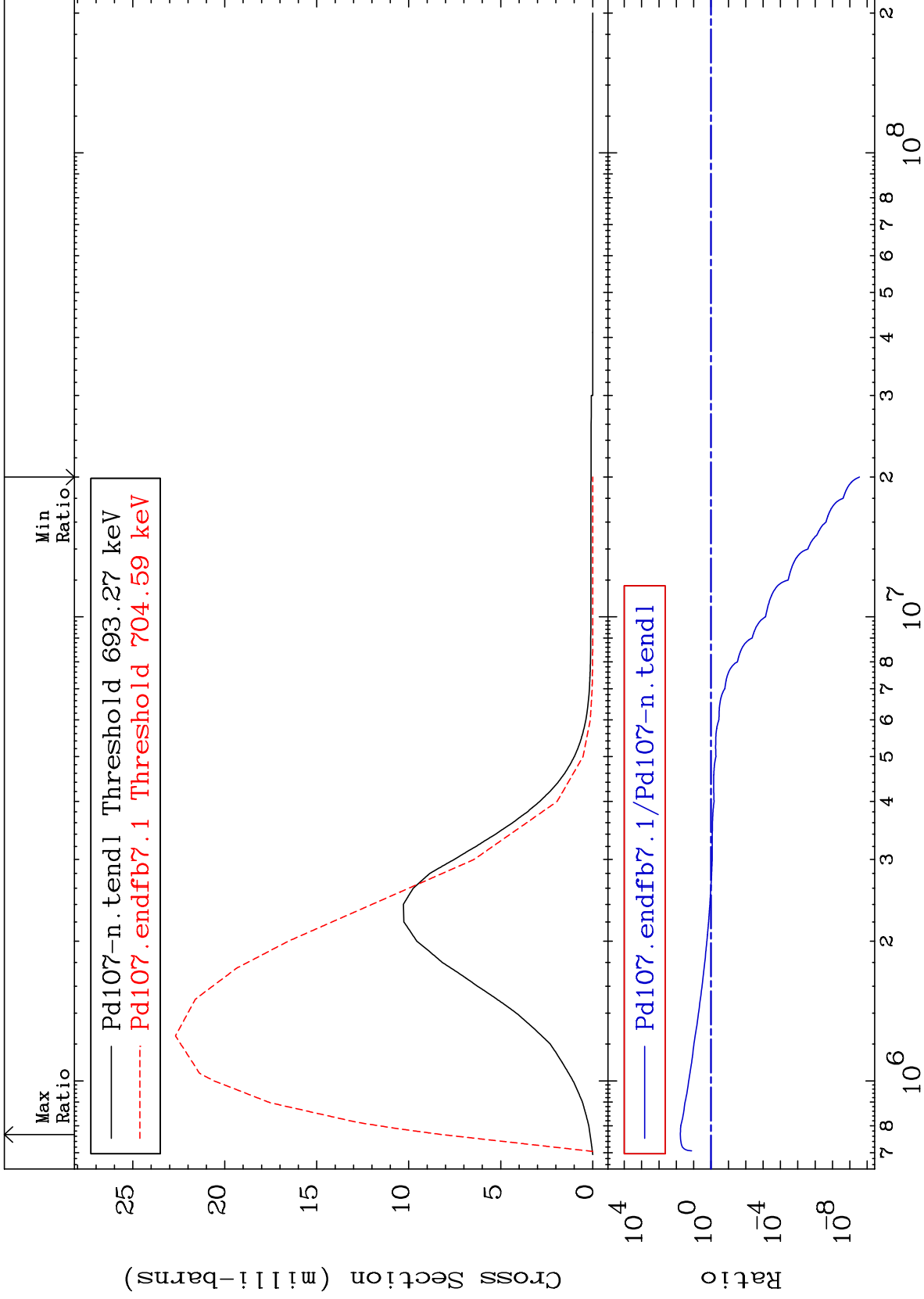
46-Pd-107  
-100.0 To 104.0 %



MAT 4640

686.8 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 5751. %

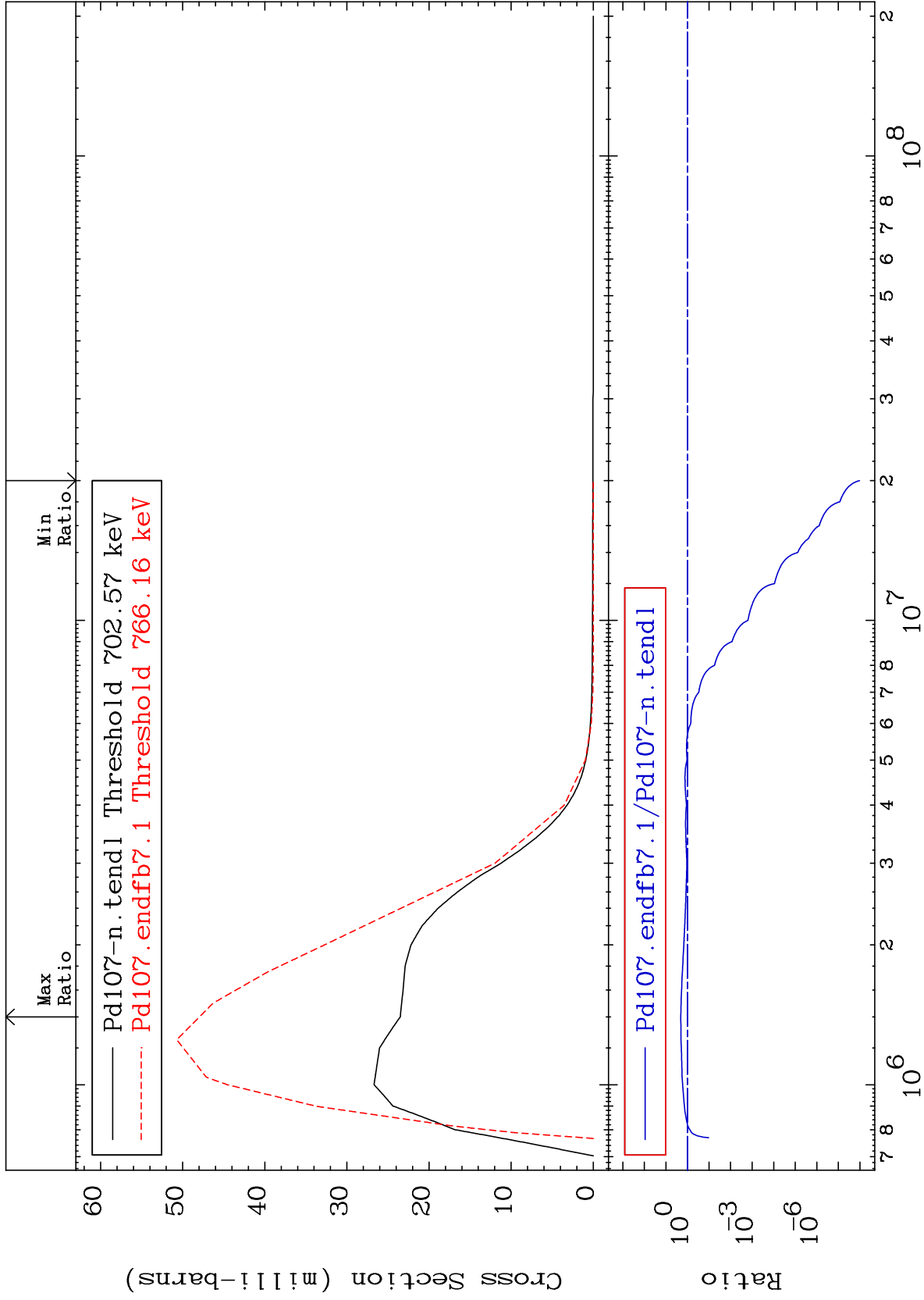


MAT 4640

696.0 keV (n,n') Level

46-Pd-107

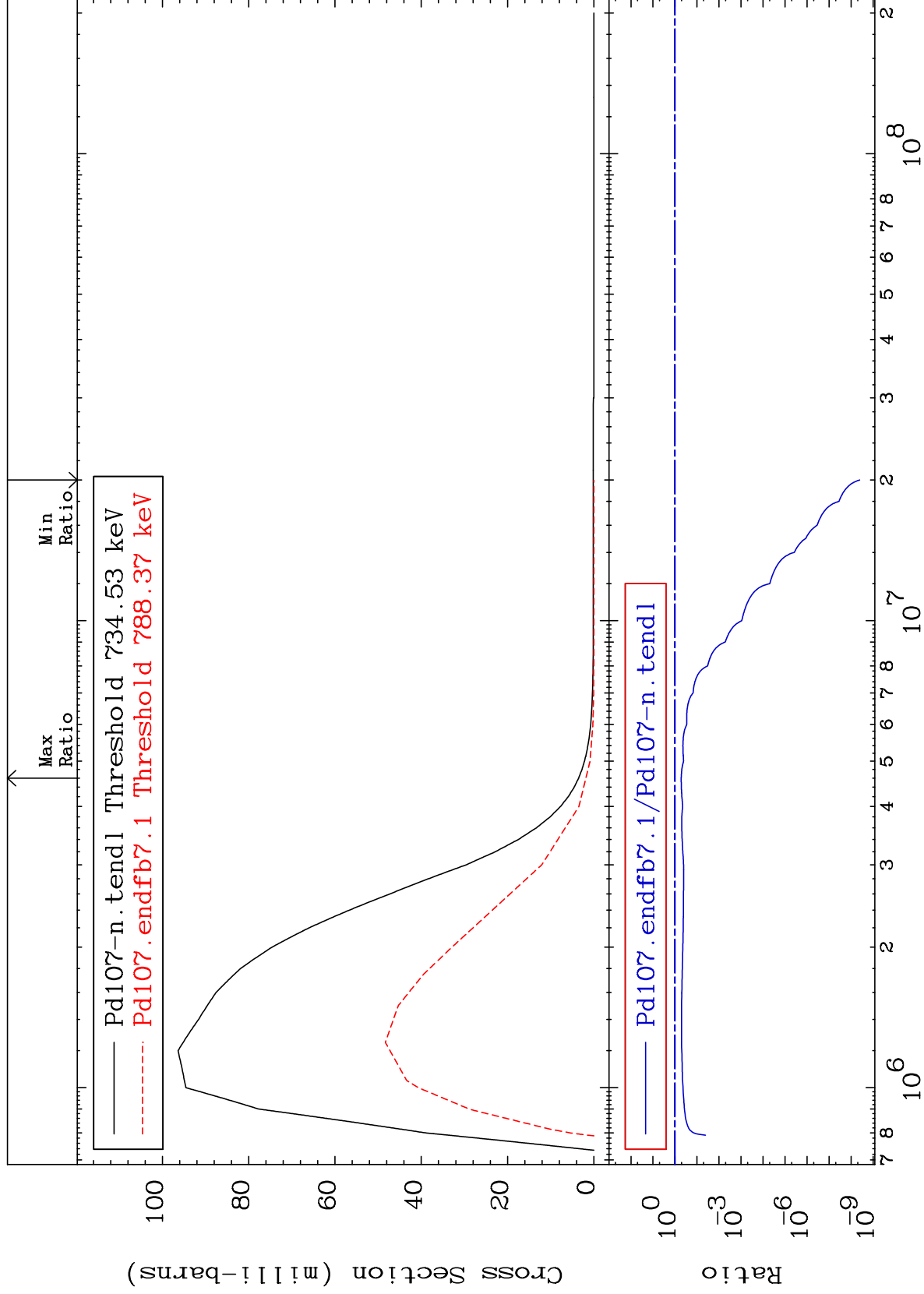
-100.0 To 104.0 %



MAT 4640

727.7 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To -47.64%



24

Incident Energy (eV)

46-Pd-107



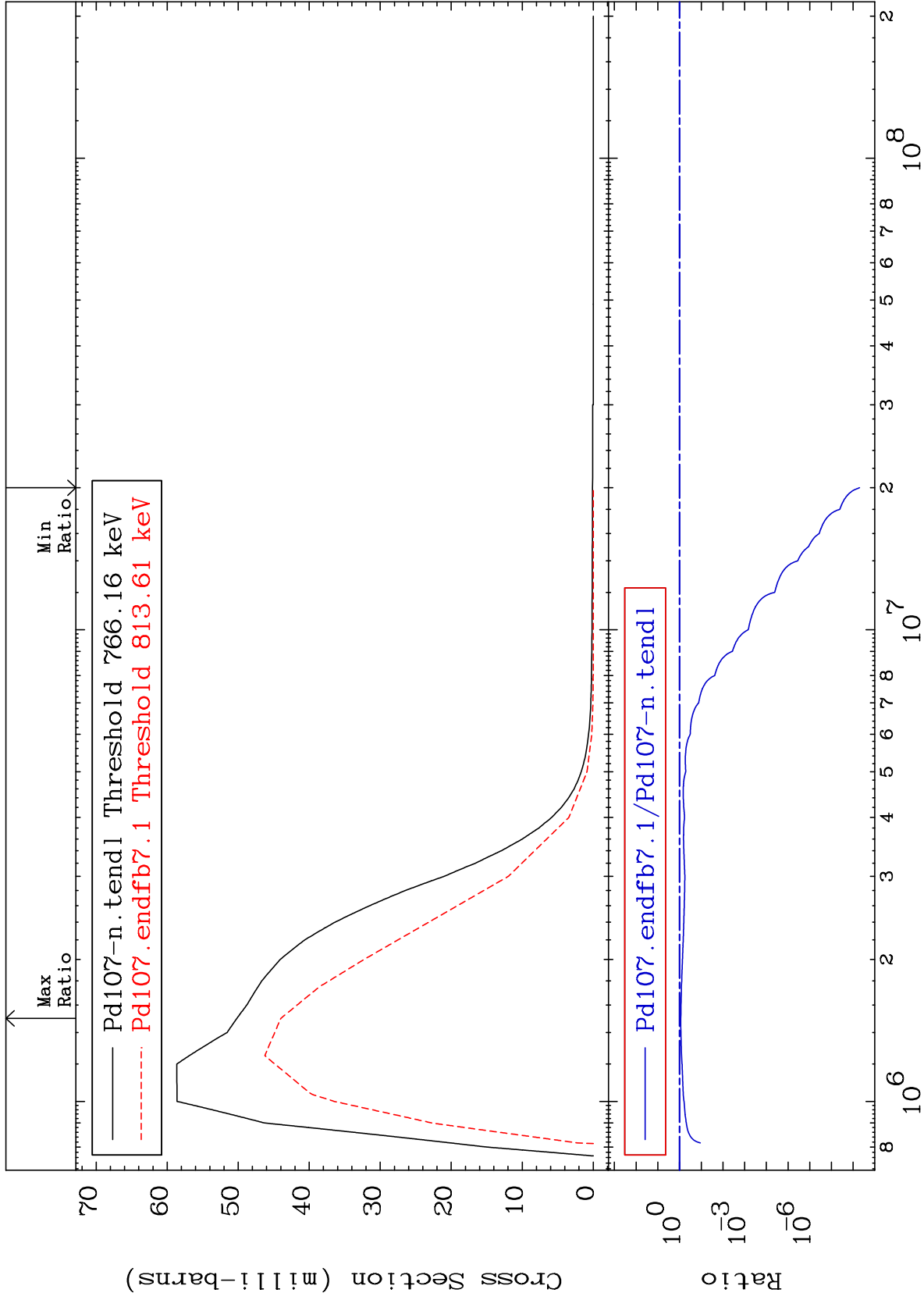
MAT 4640

759.0 keV (n,n') Level

46-Pd-107

-100.0 To -12.31%

Cross Section



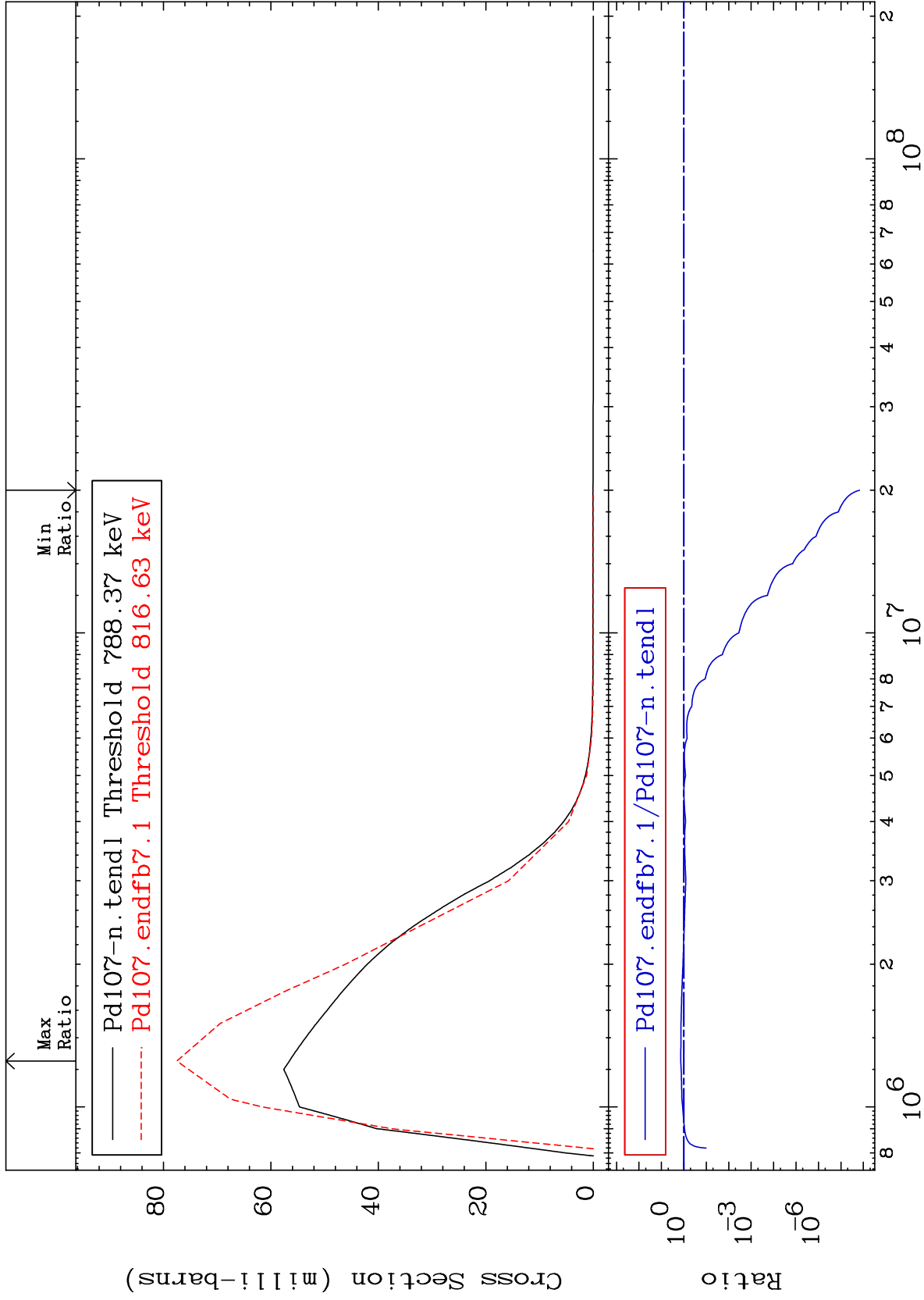
25

MAT 4640

781.0 keV (n,n') Level

46-Pd-107

-100.0 To 37.03 %



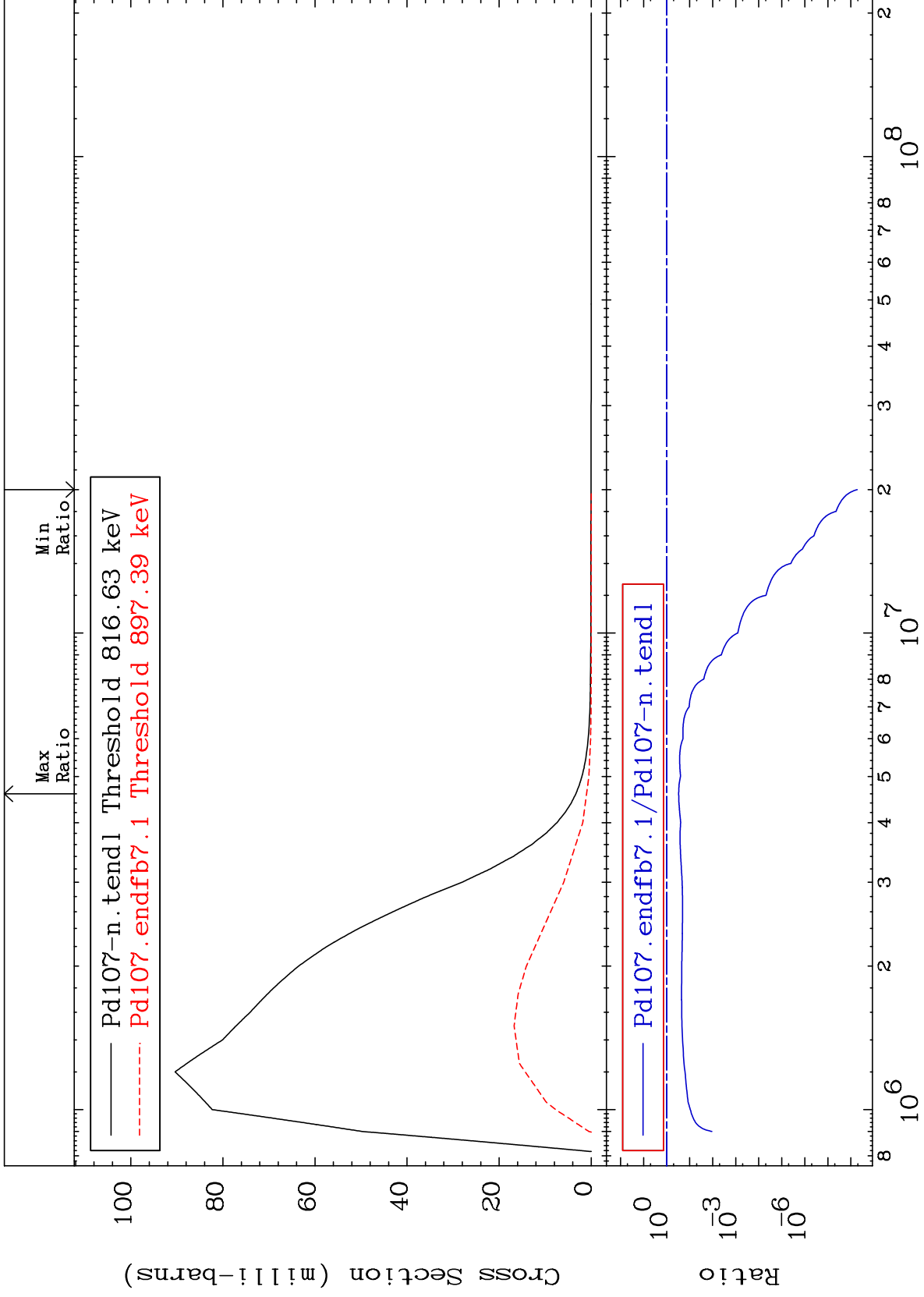
26

46-Pd-107

MAT 4640

809.0 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To -69.89%



27

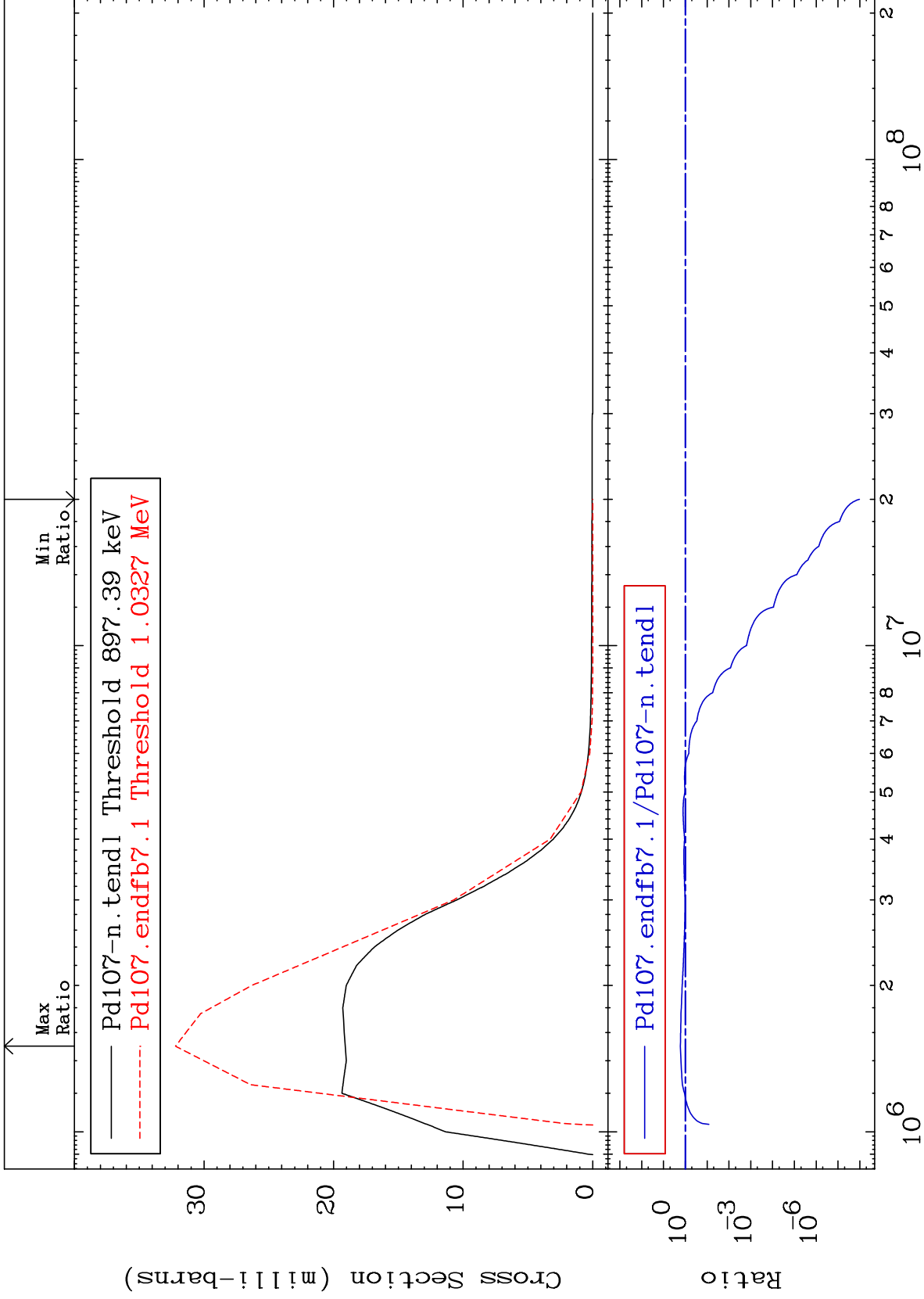
Incident Energy (eV)

46-Pd-107

MAT 4640

889.0 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 68.59 %



28

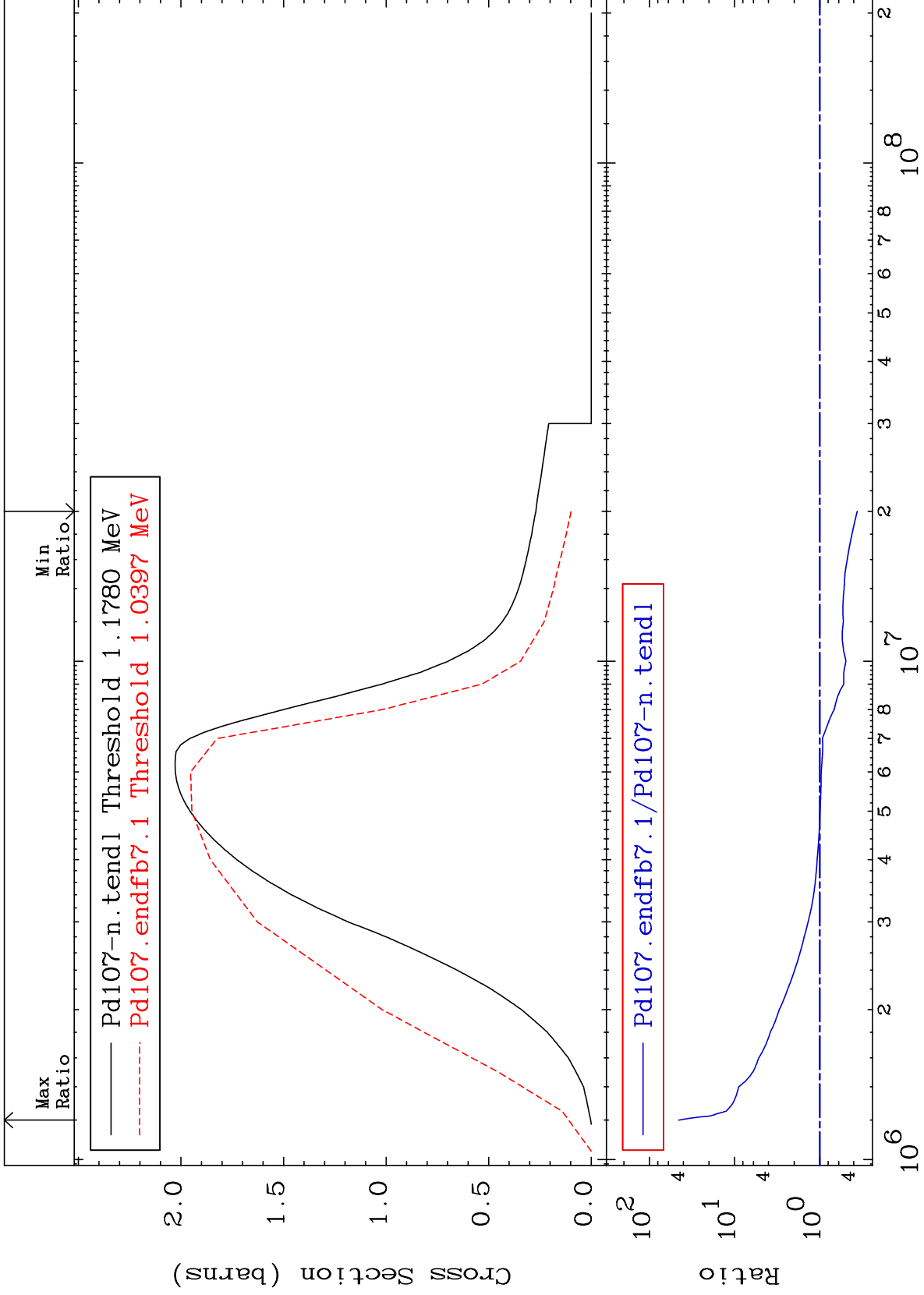
Incident Energy (eV)

46-Pd-107

MAT 4640

(n, n') Continuum  
Cross Section

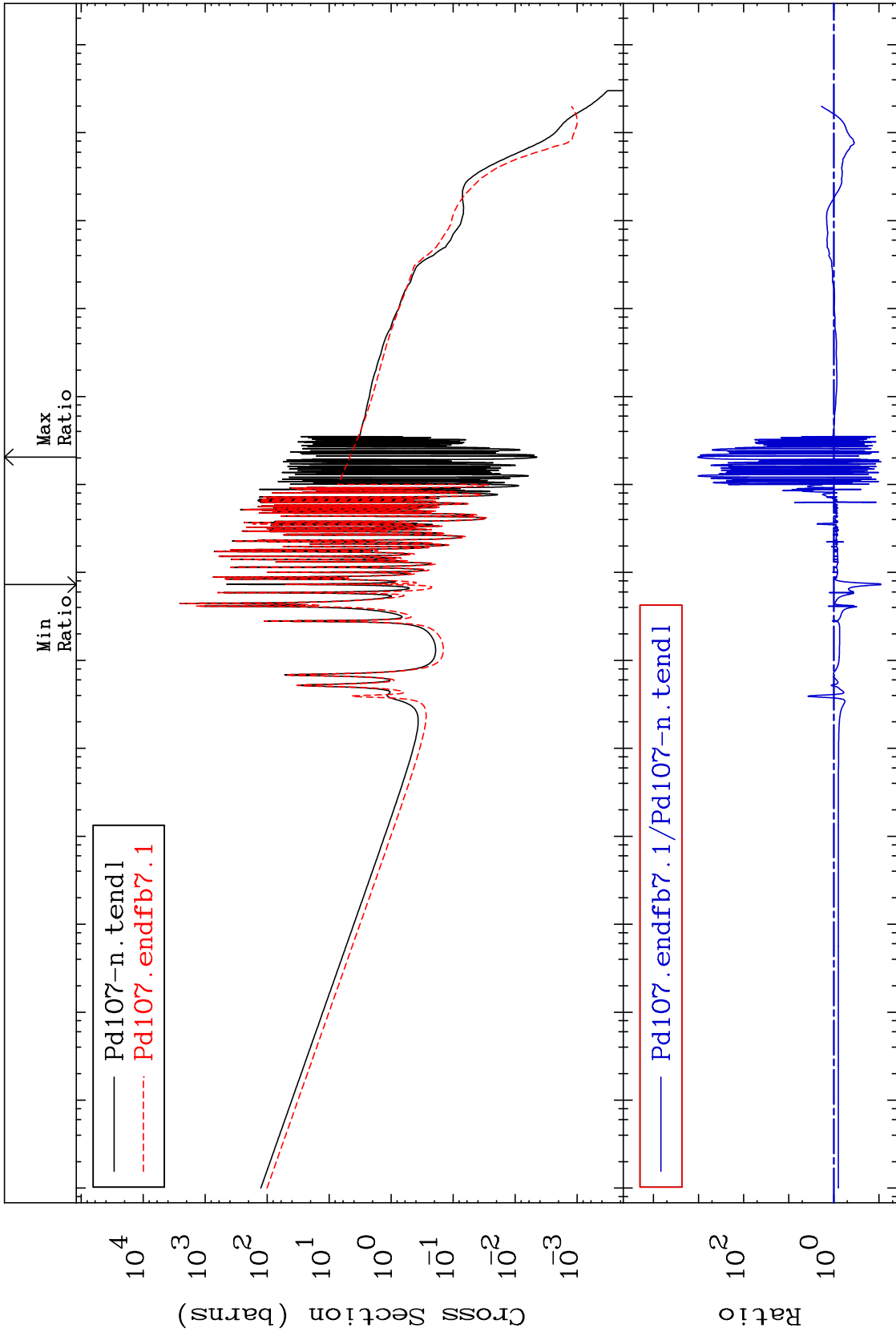
46-Pd-107  
-63.67 To 4444. %



MAT 4640

(n,  $\gamma$ )  
Cross Section

46-Pd-107  
-91.03 To 9999. %



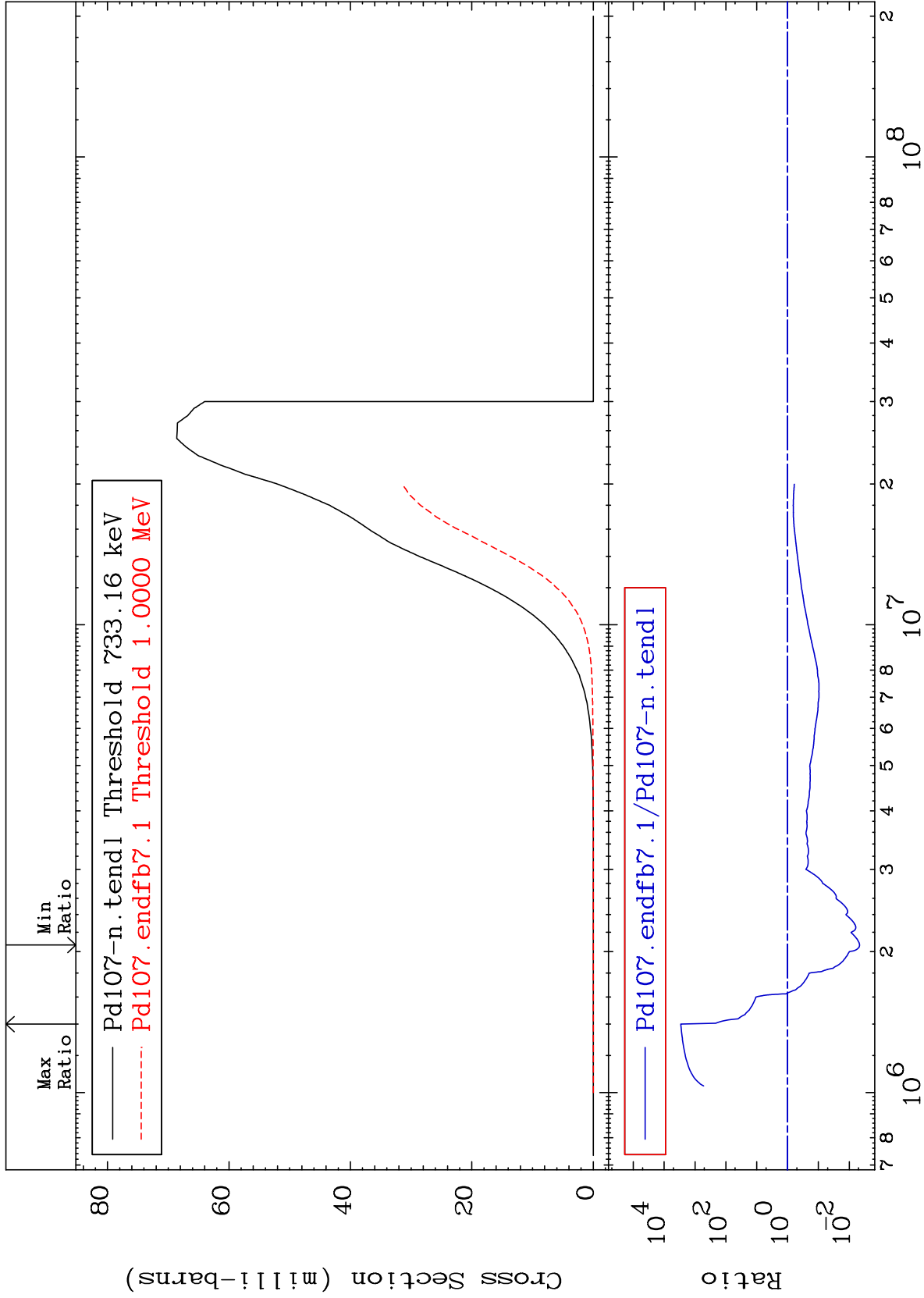
MAT 4640

(n,p)

46-Pd-107

Cross Section

-99.54 To 9999. %



31

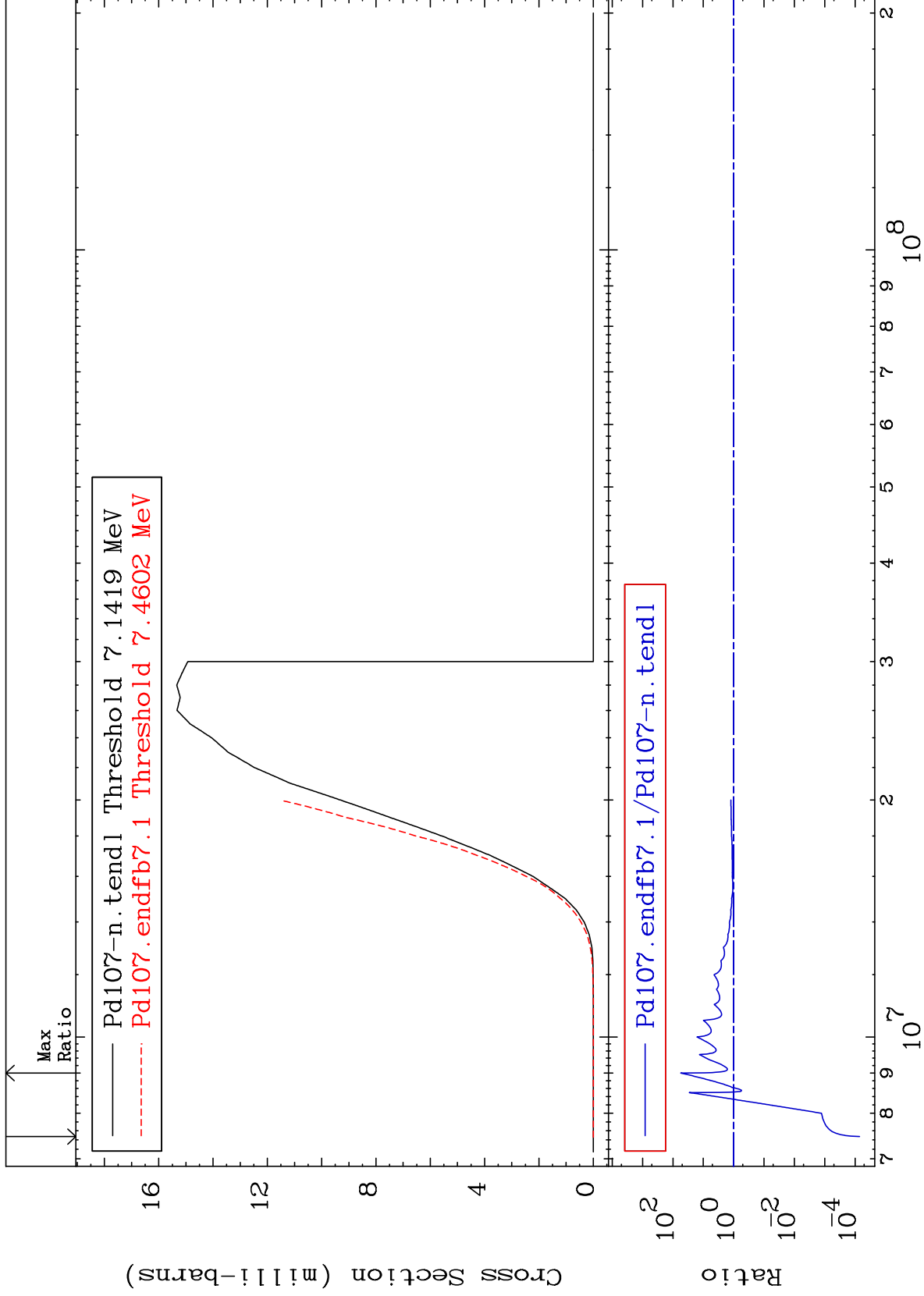
Incident Energy (eV)

46-Pd-107

MAT 4640

(n, d)  
Cross Section

46-Pd-107  
-99.99 To 5427. %

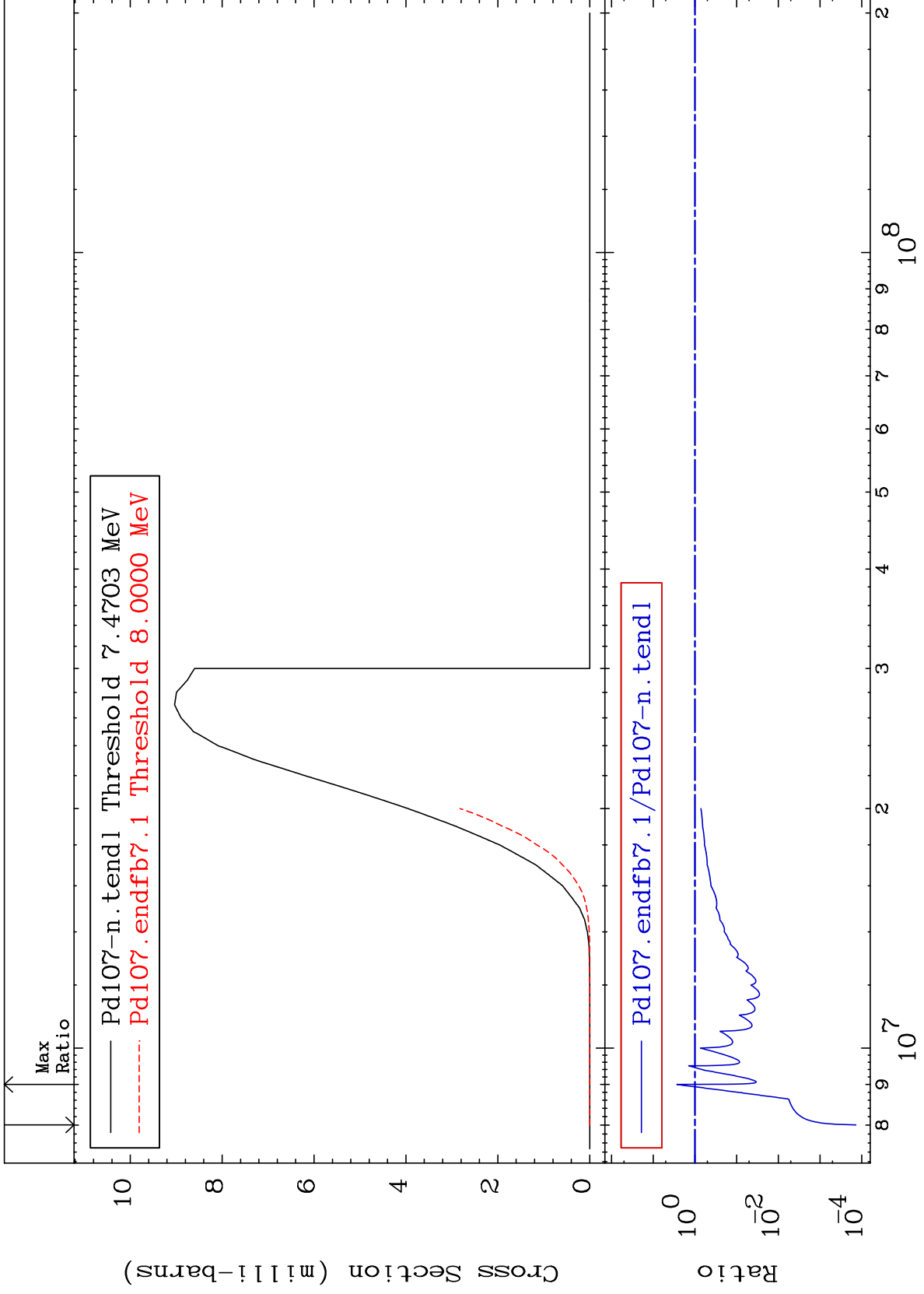




MAT 4640

(n, t)  
Cross Section

46-Pd-107  
-99.99 To 169.0 %



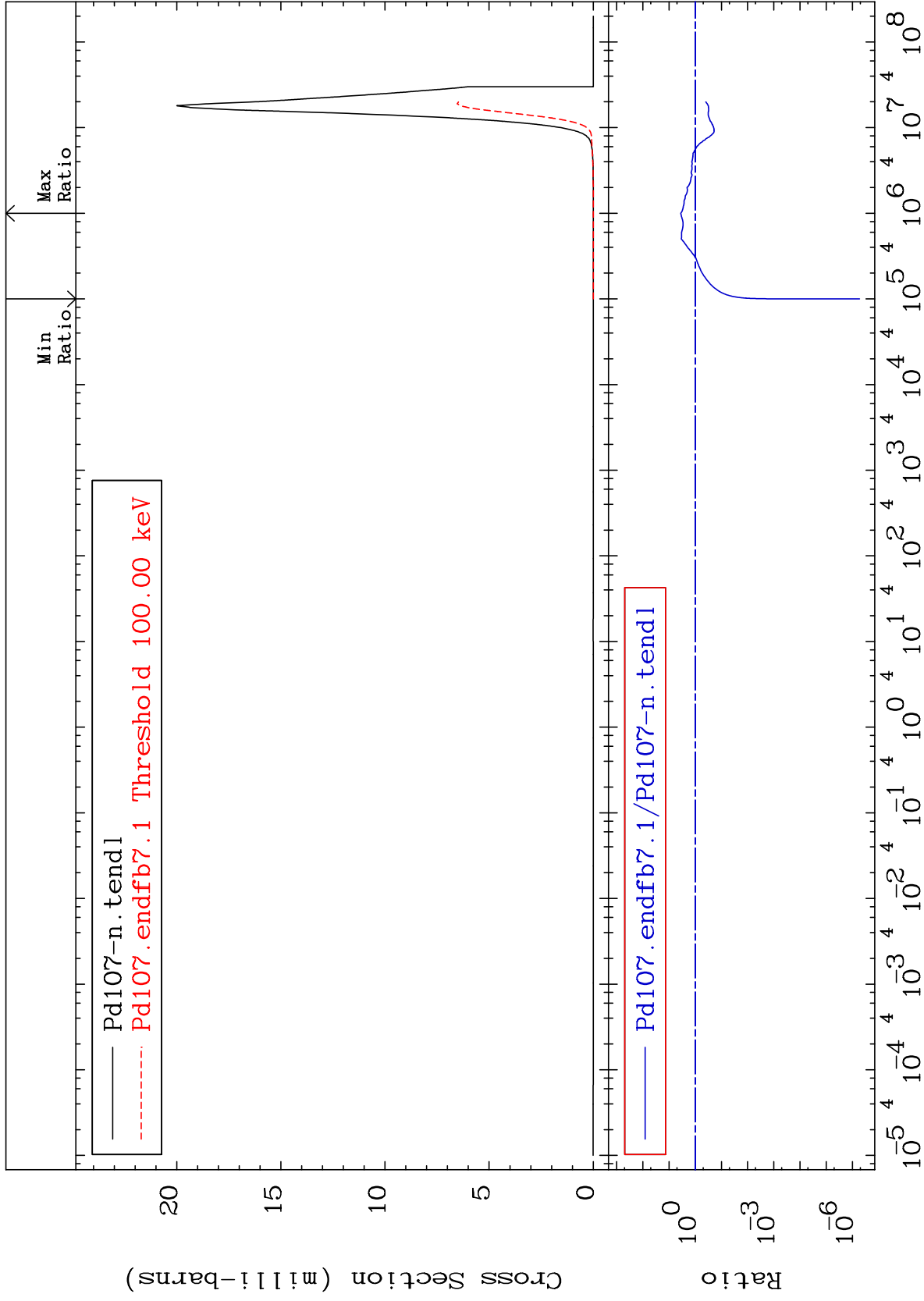
MAT 4640

(n,  $\alpha$ )

46-Pd-107

Cross Section

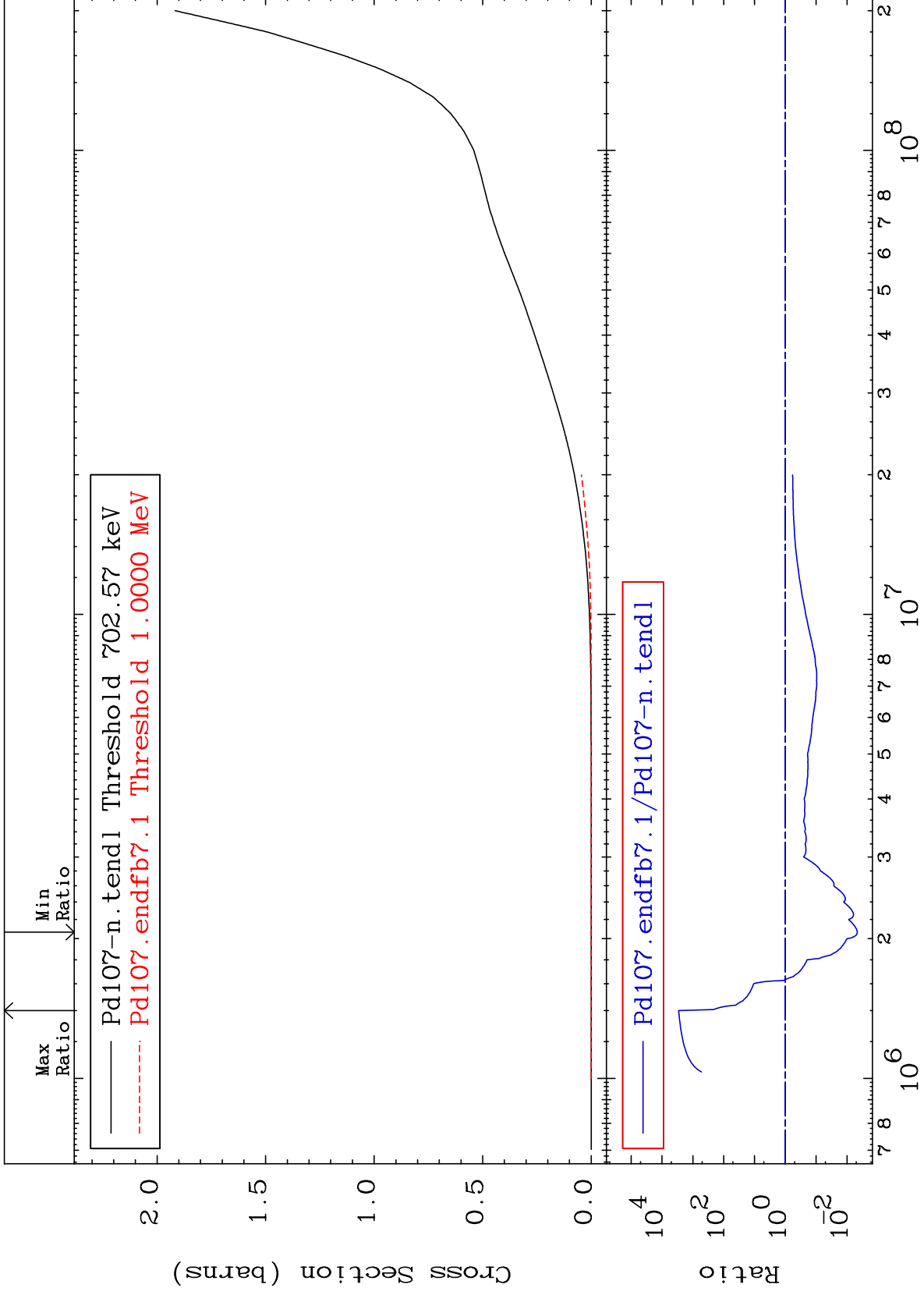
-100.0 To 257.2 %



MAT 4640

Hydrogen Production  
Cross Section

46-Pd-107  
-99.54 To 9999. %



35

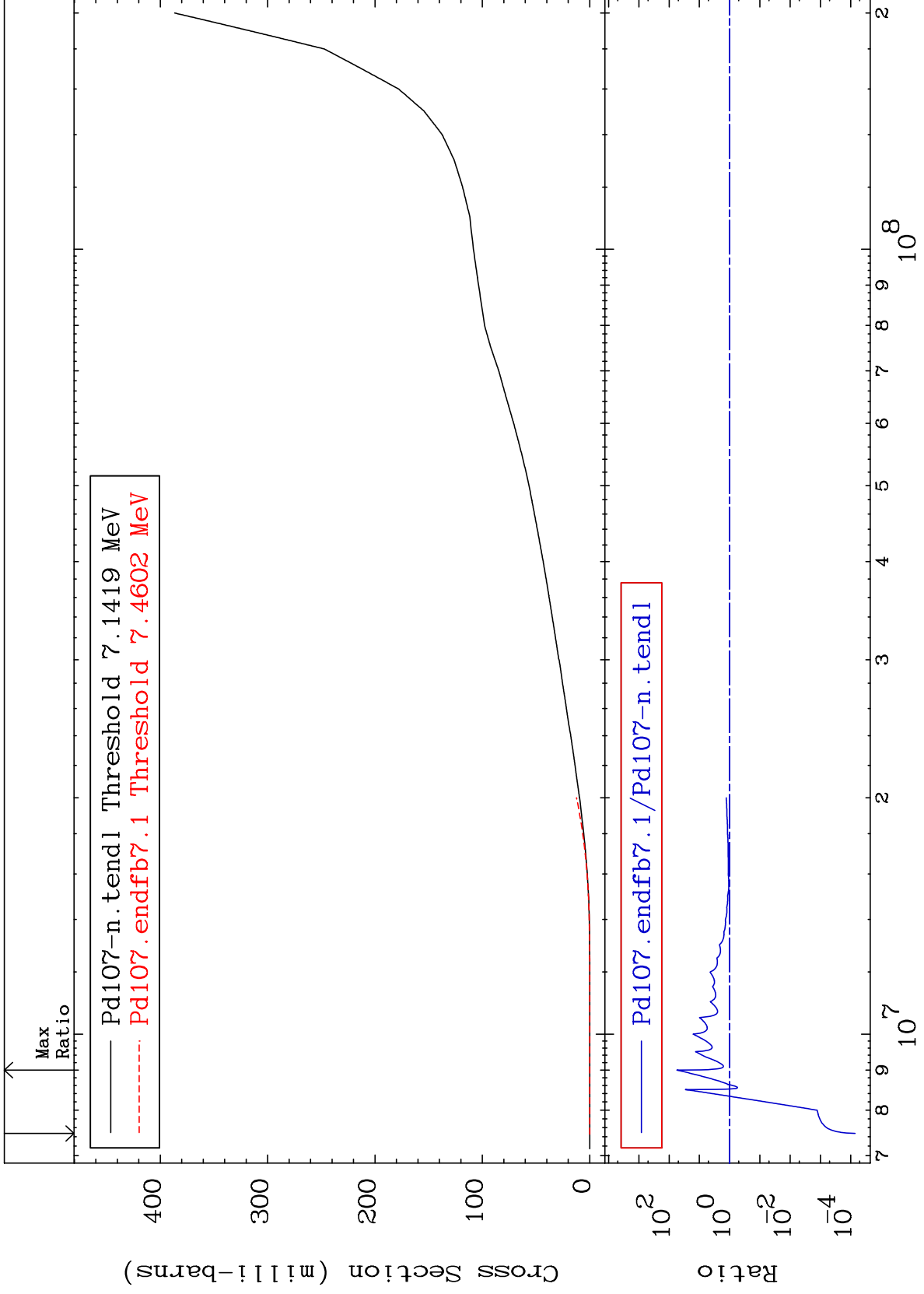
Incident Energy (eV)

46-Pd-107

MAT 4640

Deuterium Production  
Cross Section

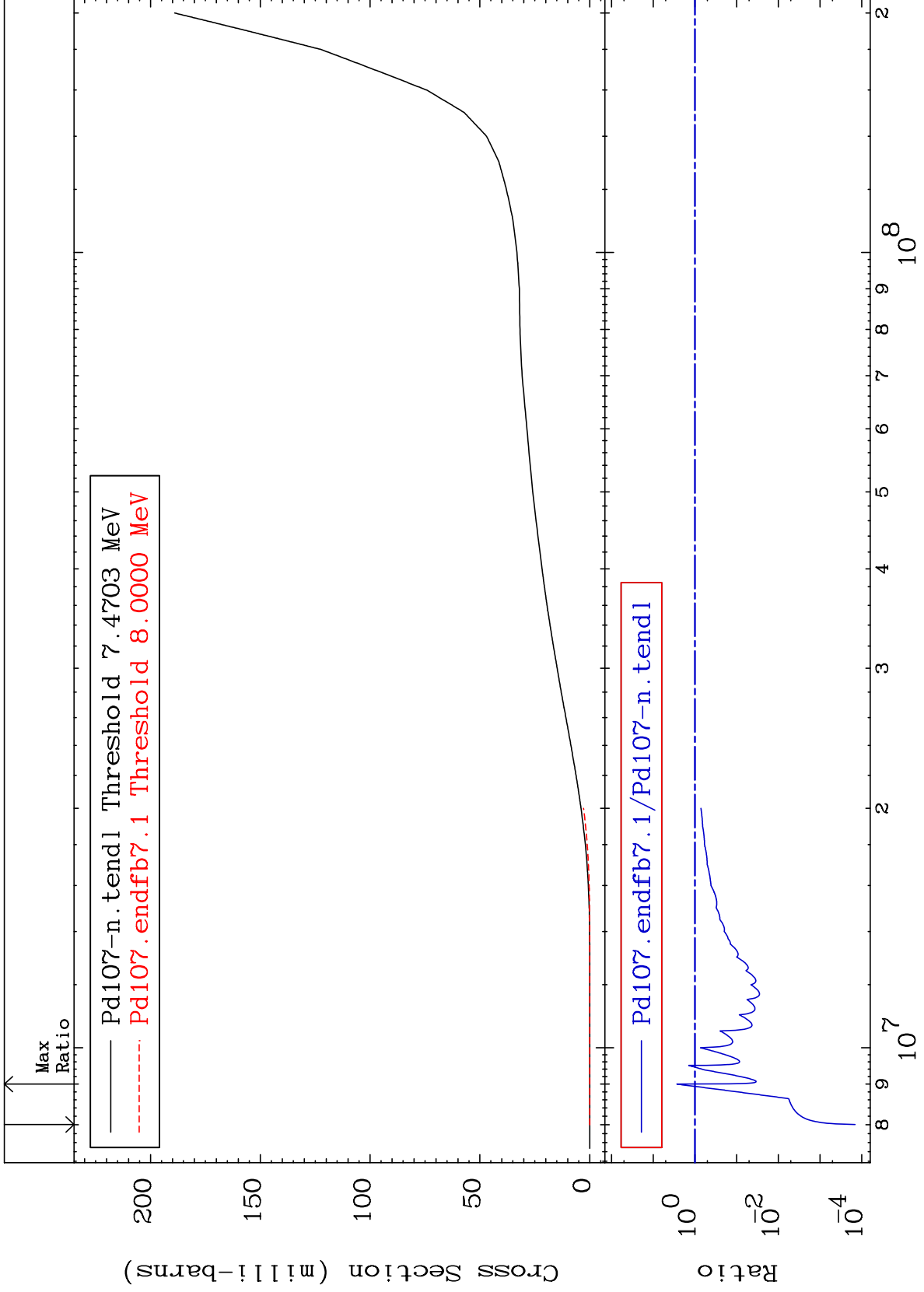
46-Pd-107  
-99.99 To 5427. %



MAT 4640

Tritium Production  
Cross Section

46-Pd-107  
-99.99 To 169.0 %



37

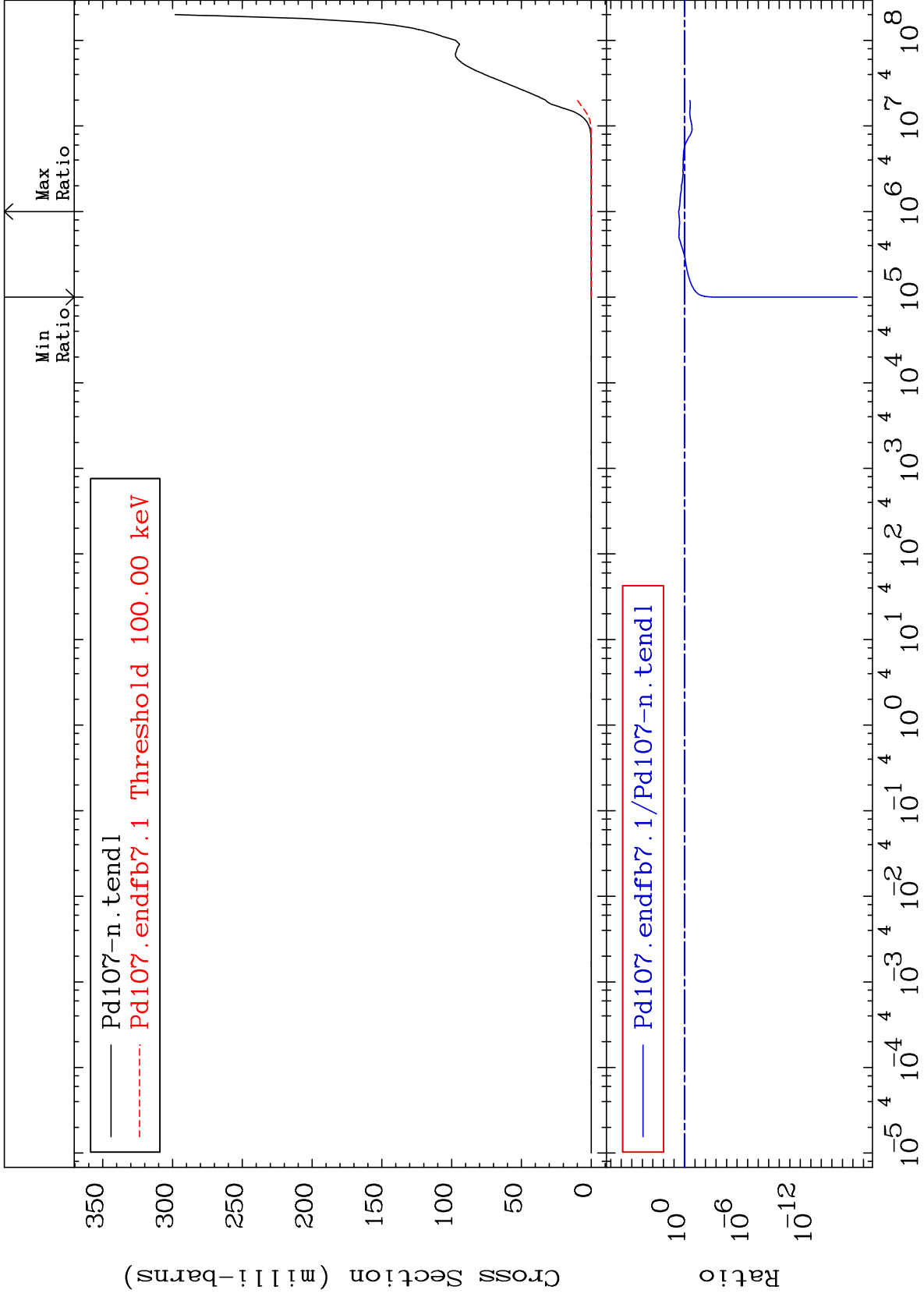
Incident Energy (eV)

46-Pd-107

MAT 4640

He-4 Production  
Cross Section

46-Pd-107  
-100.0 To 257.2 %



38

Incident Energy (eV)

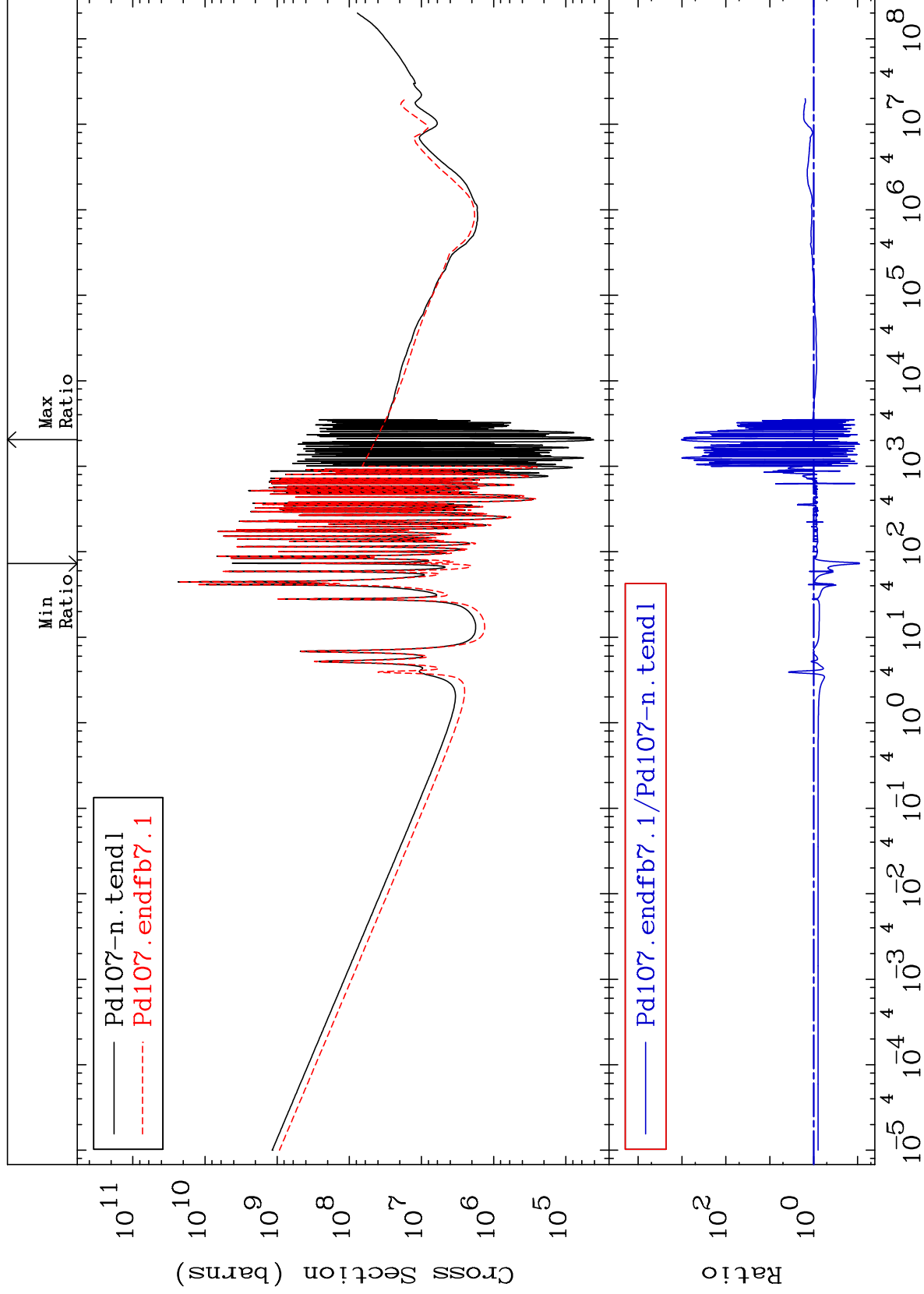
46-Pd-107

MAT 4640

Kerma total (eV-barns)  
Cross Section

46-Pd-107

-91.03 To 9999. %



39

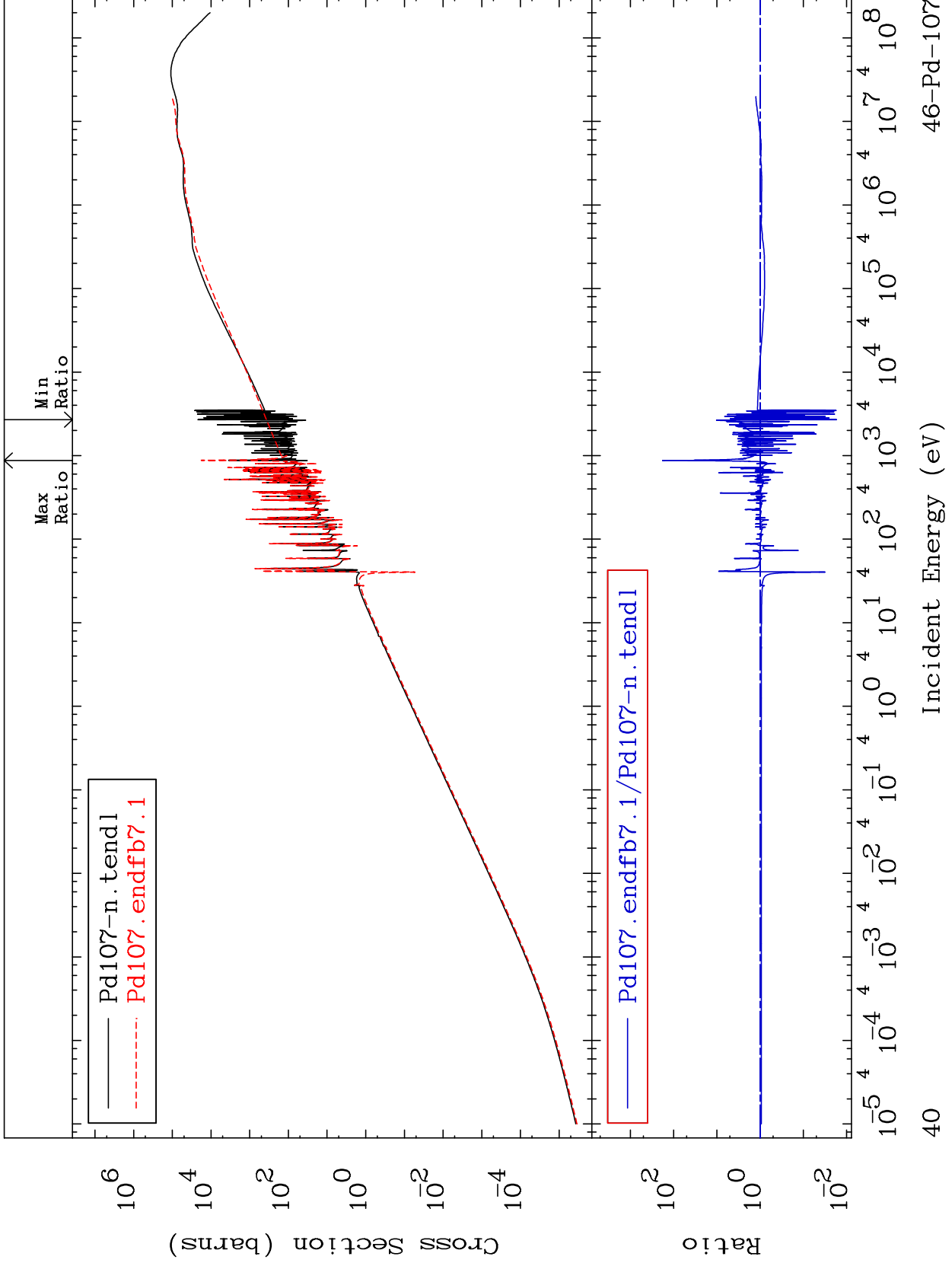
Incident Energy (eV)

46-Pd-107

MAT 4640

Kerma elastic  
Cross Section

46-Pd-107  
-98.31 To 9999. %

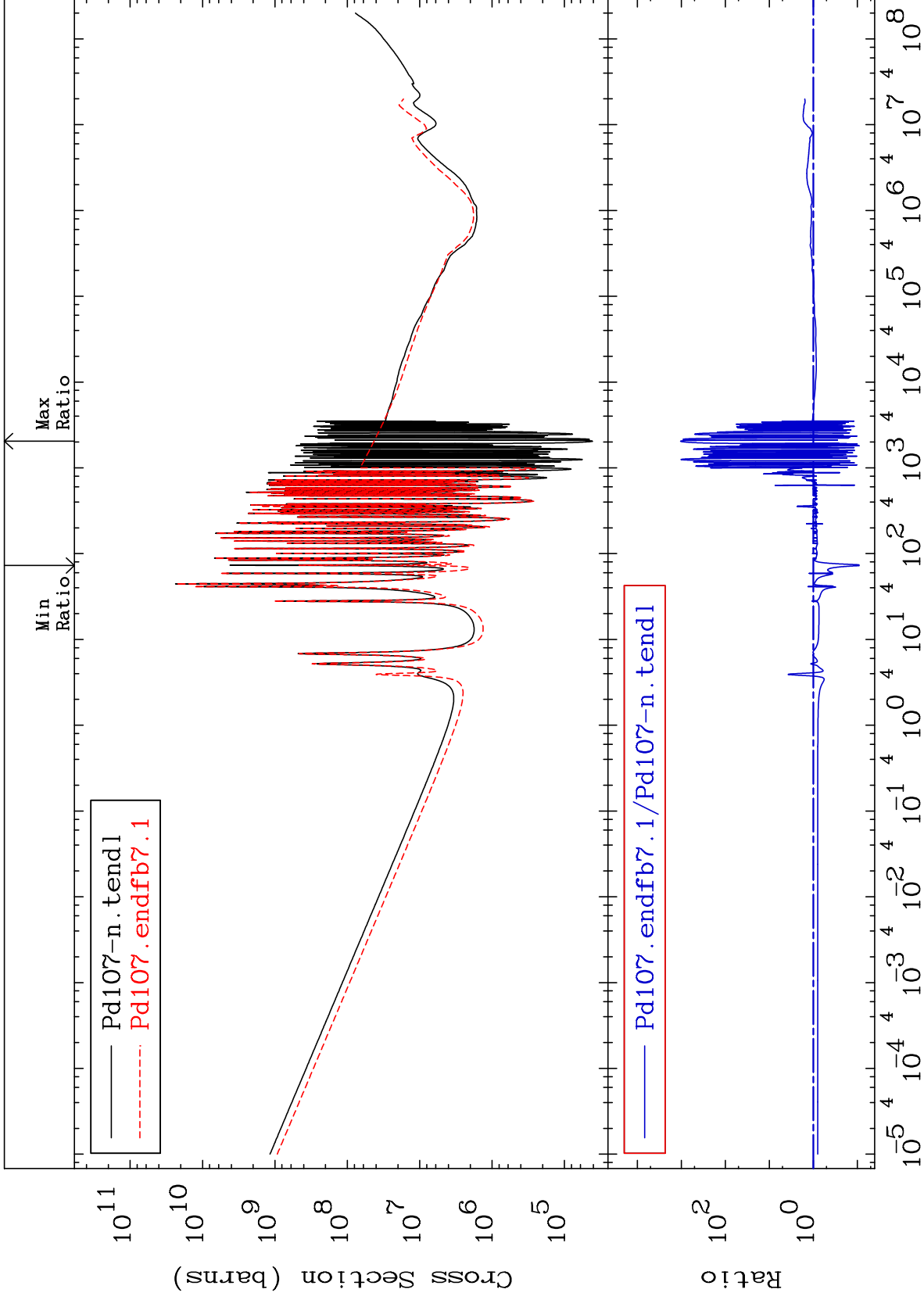


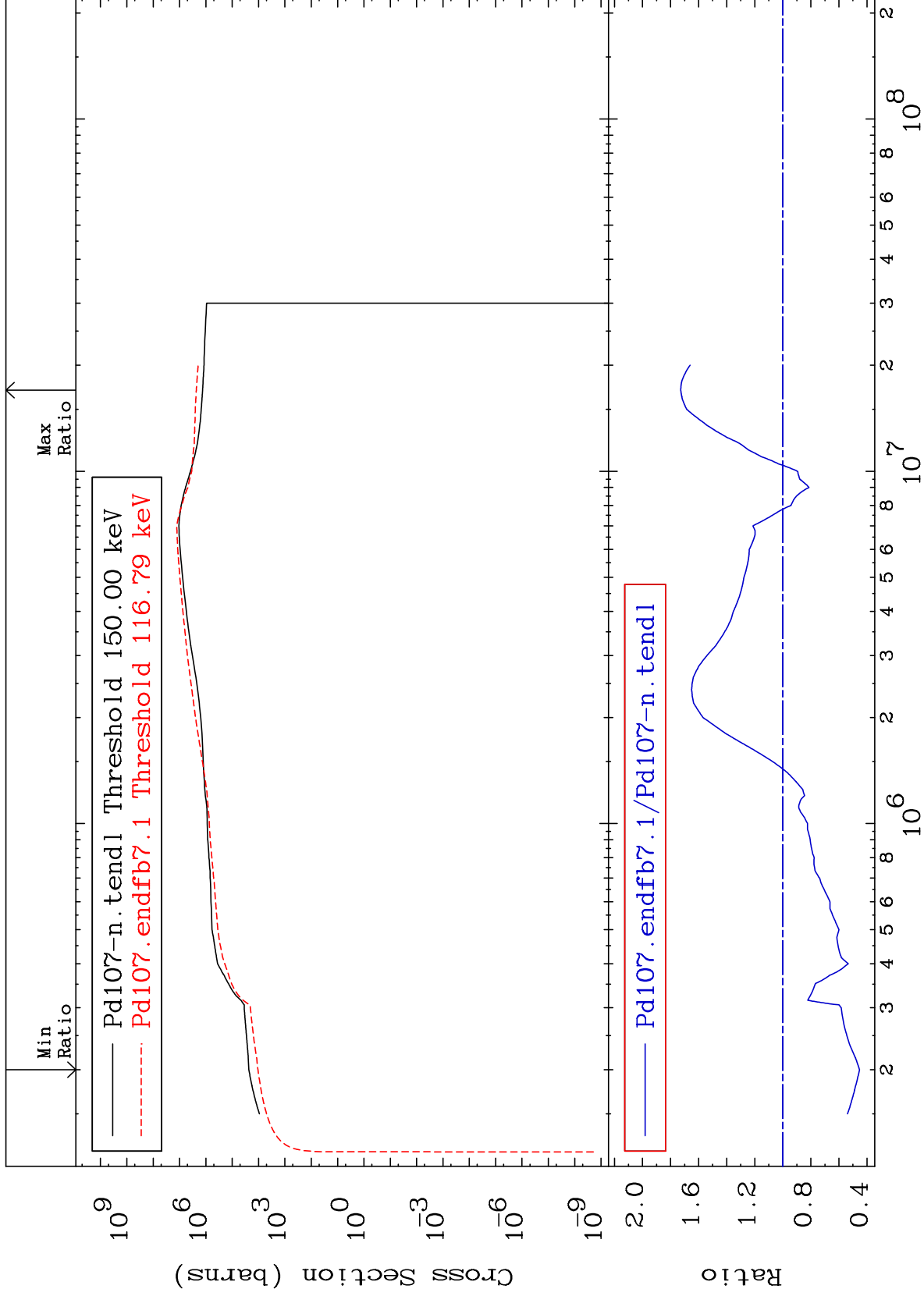


MAT 4640

Kerma non-elastic (all but mt2)  
Cross Section

46-Pd-107  
-91.03 To 9999. %

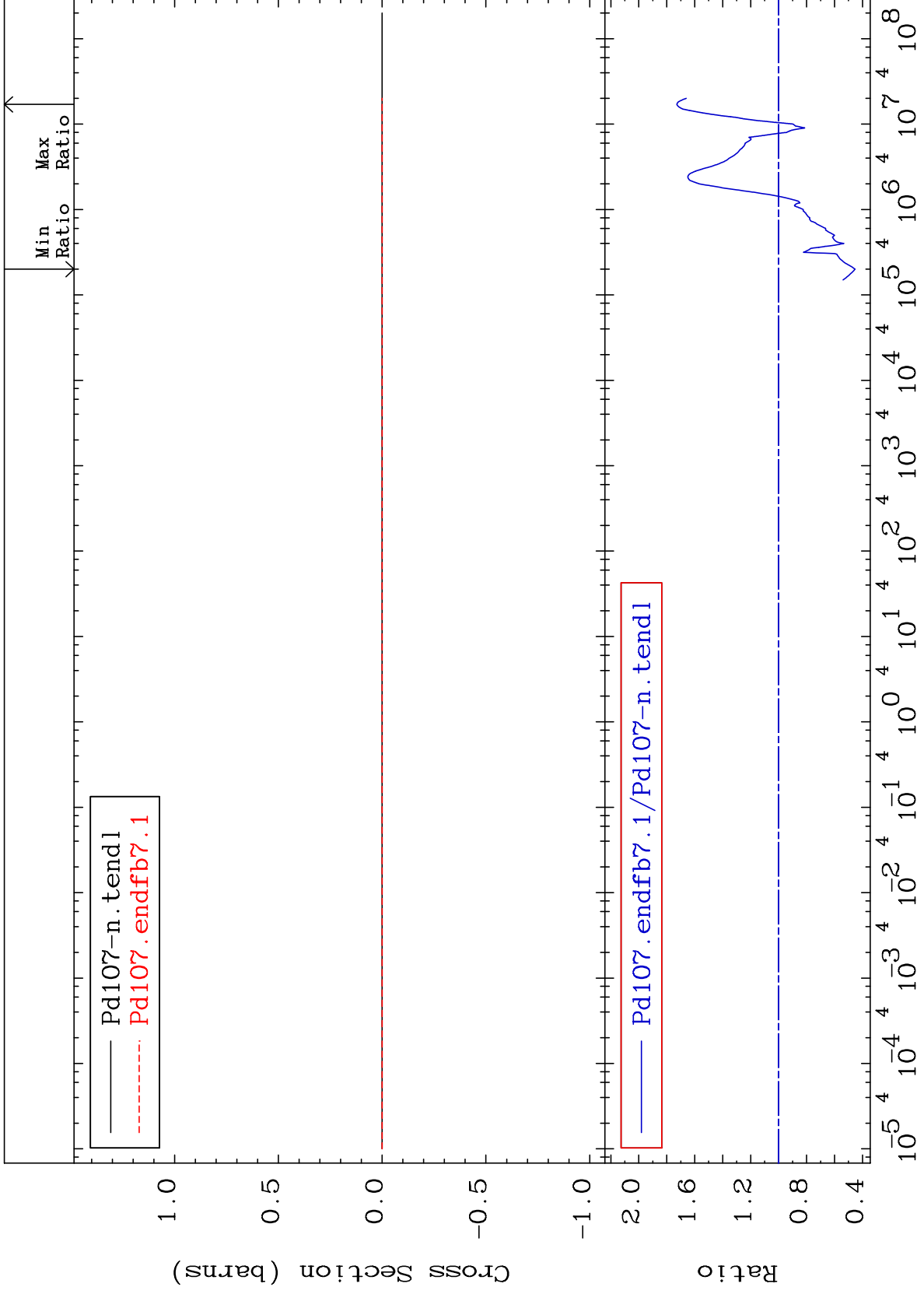




MAT 4640

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

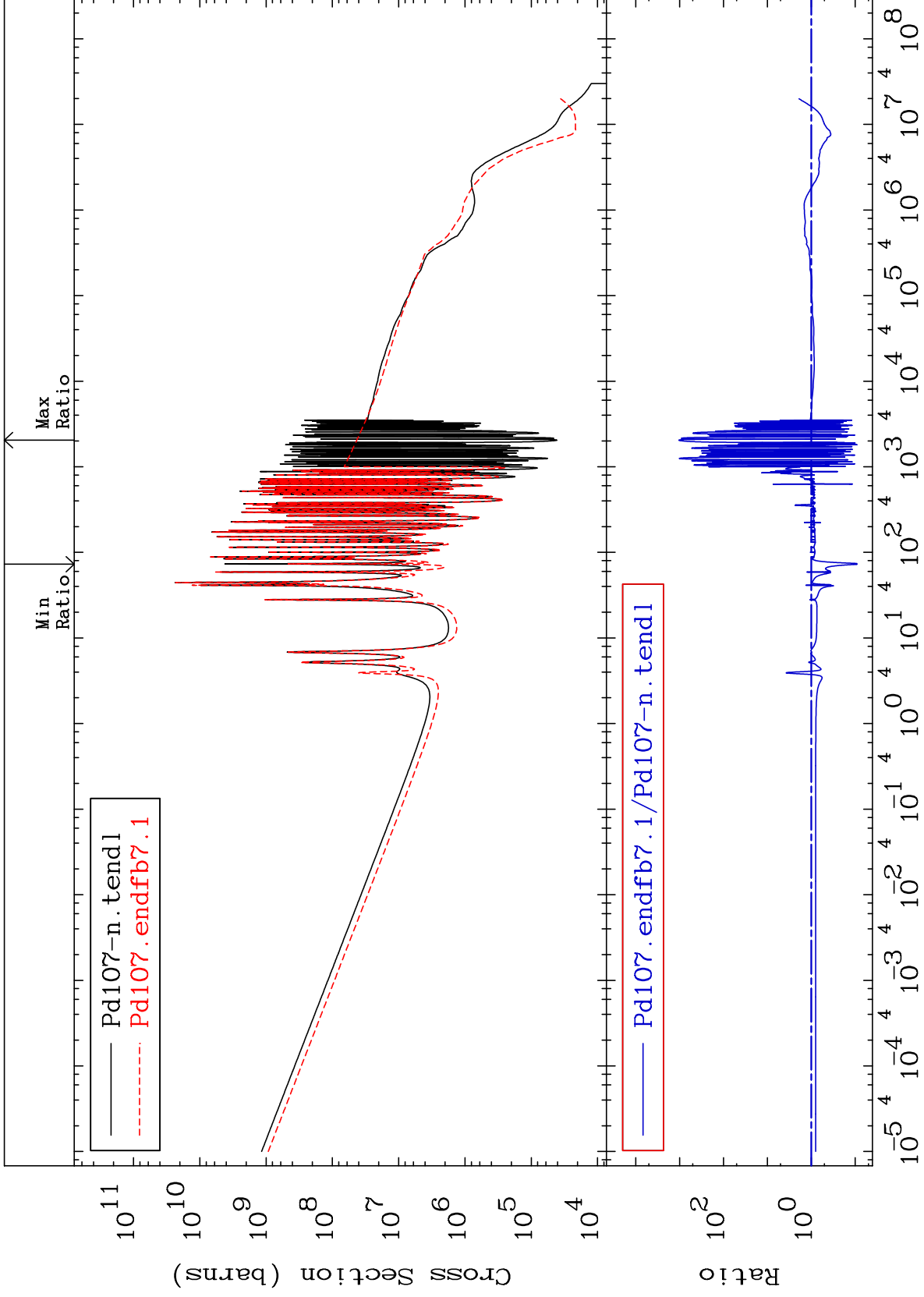
46-Pd-107  
-54.70 To 72.72 %



MAT 4640

Kerma capture (mt102)  
Cross Section

46-Pd-107  
-91.03 To 9999. %



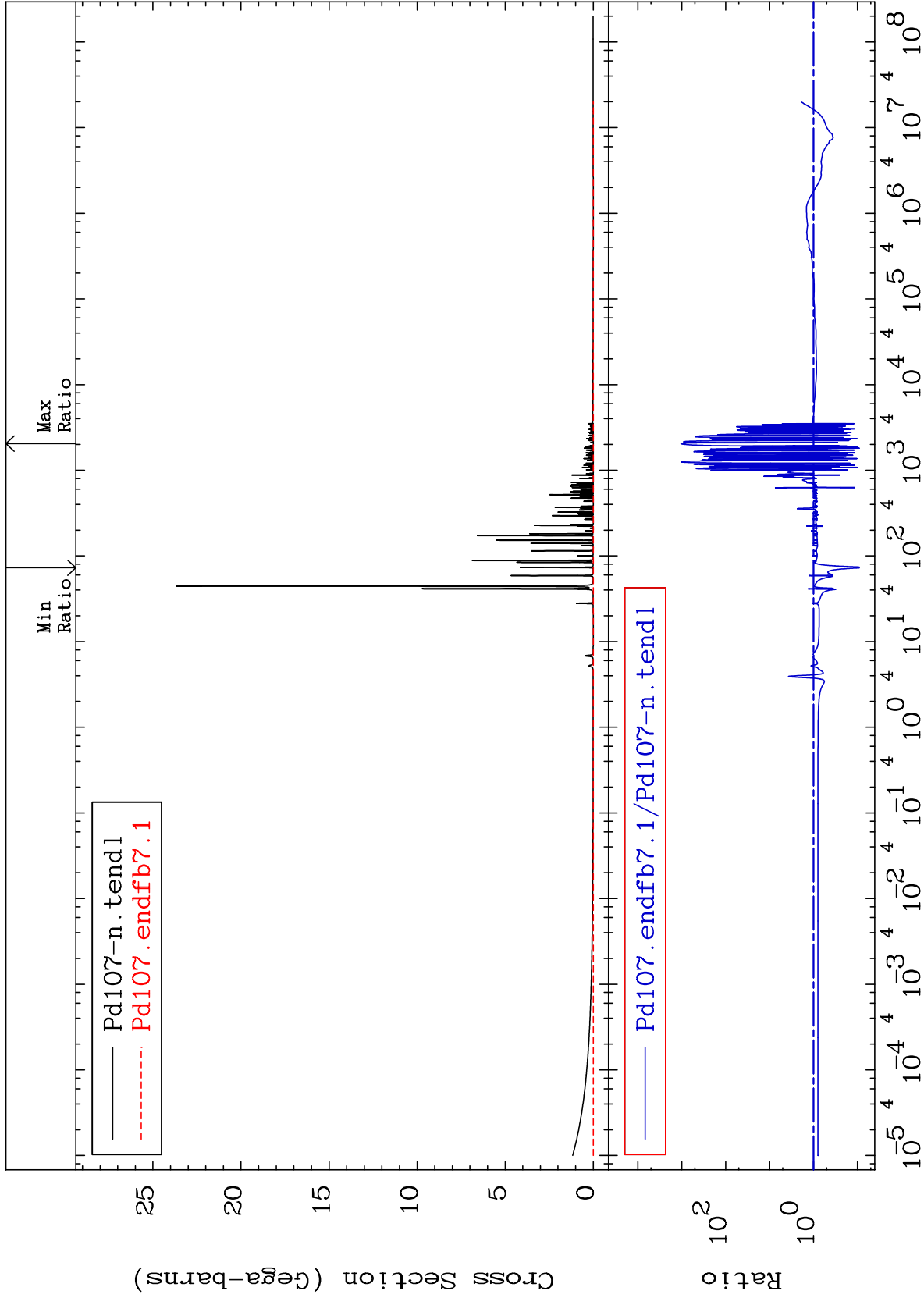
MAT 4640

Total photon (eV-barns)

46-Pd-107

Cross Section

-91.03 To 9999. %



45

Incident Energy (eV)

46-Pd-107

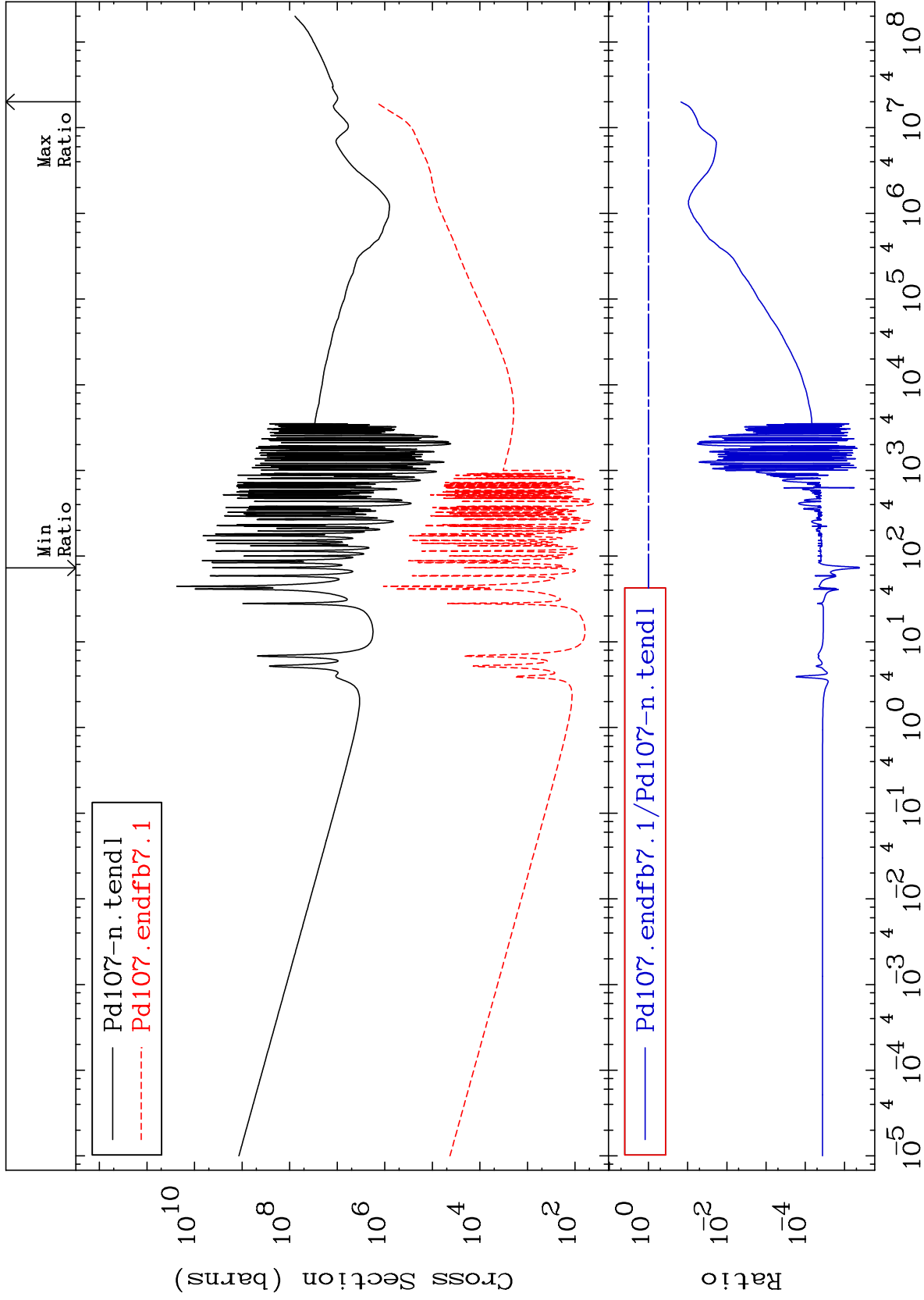
MAT 4640

Total kinematic kerma (high limit)

46-Pd-107

Cross Section

-100.0 To -84.99%



46

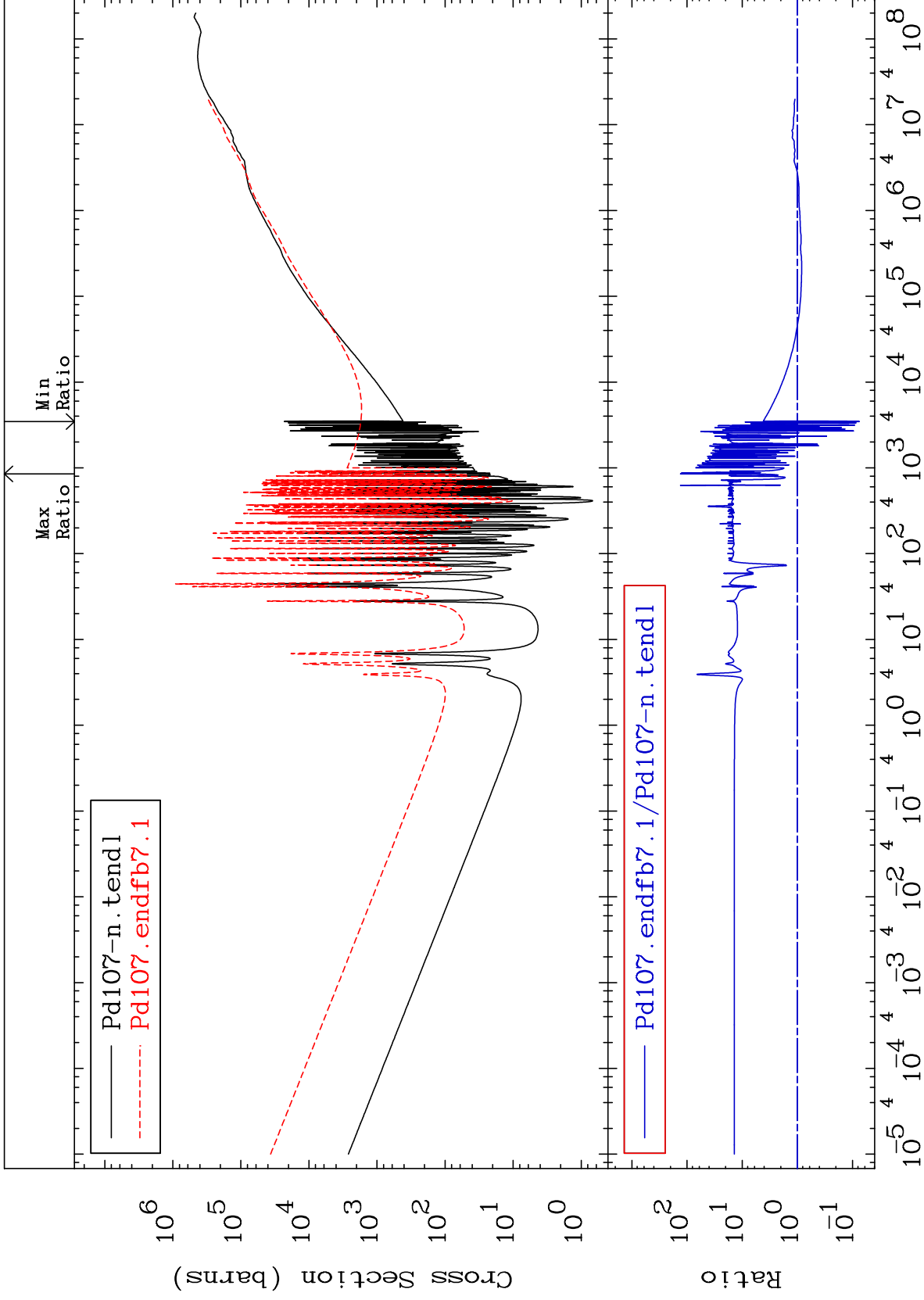
Incident Energy (eV)

46-Pd-107

MAT 4640

Dpa total (eV-barns)  
Cross Section

46-Pd-107  
-92.49 To 9999. %



47

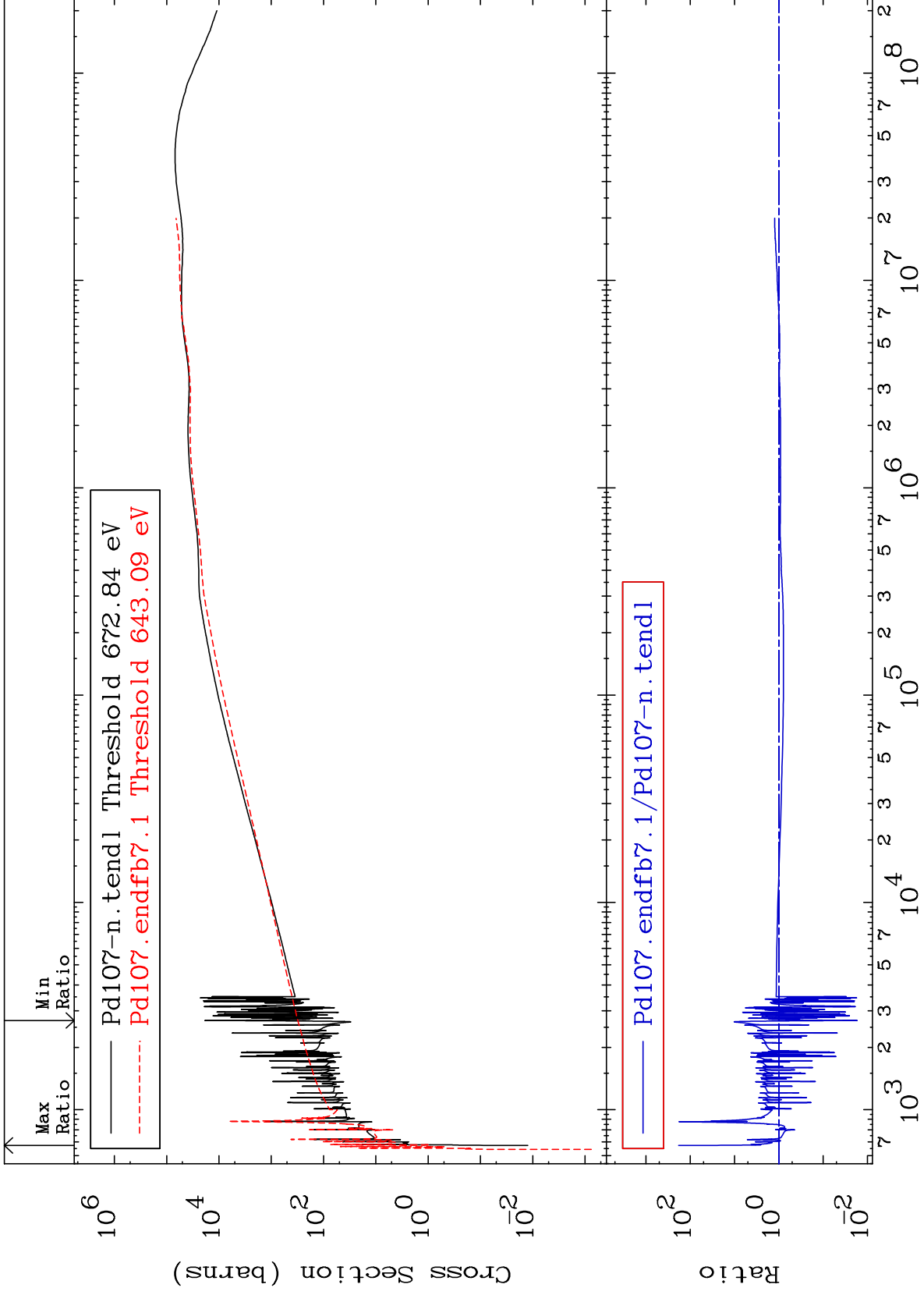
Incident Energy (eV)

46-Pd-107

MAT 4640

Dpa elastic (mt2)  
Cross Section

46-Pd-107  
-98.31 To 9999. %



48

Incident Energy (eV)

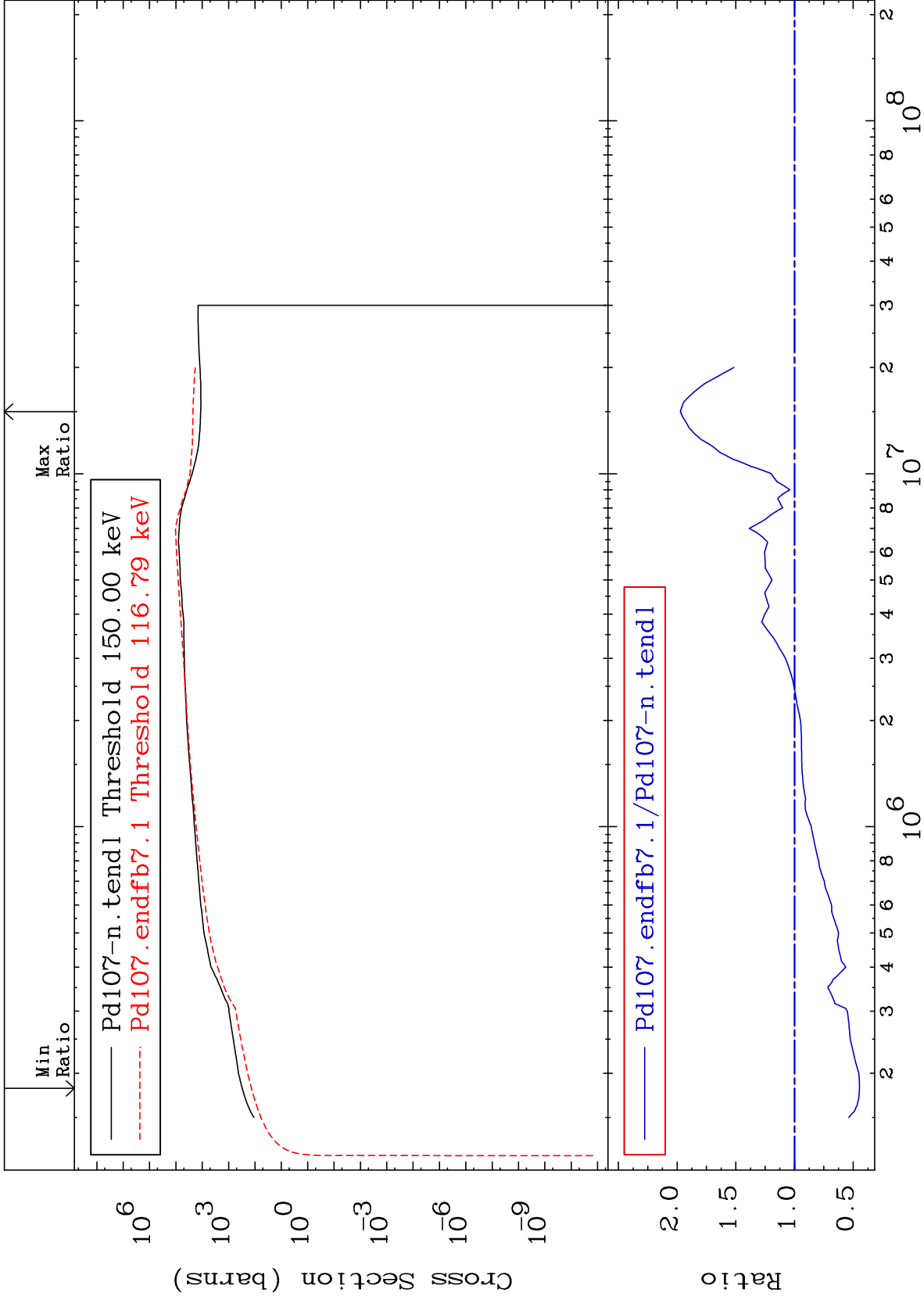
46-Pd-107



MAT 4640

Dpa inelastic (mt51-91)  
Cross Section

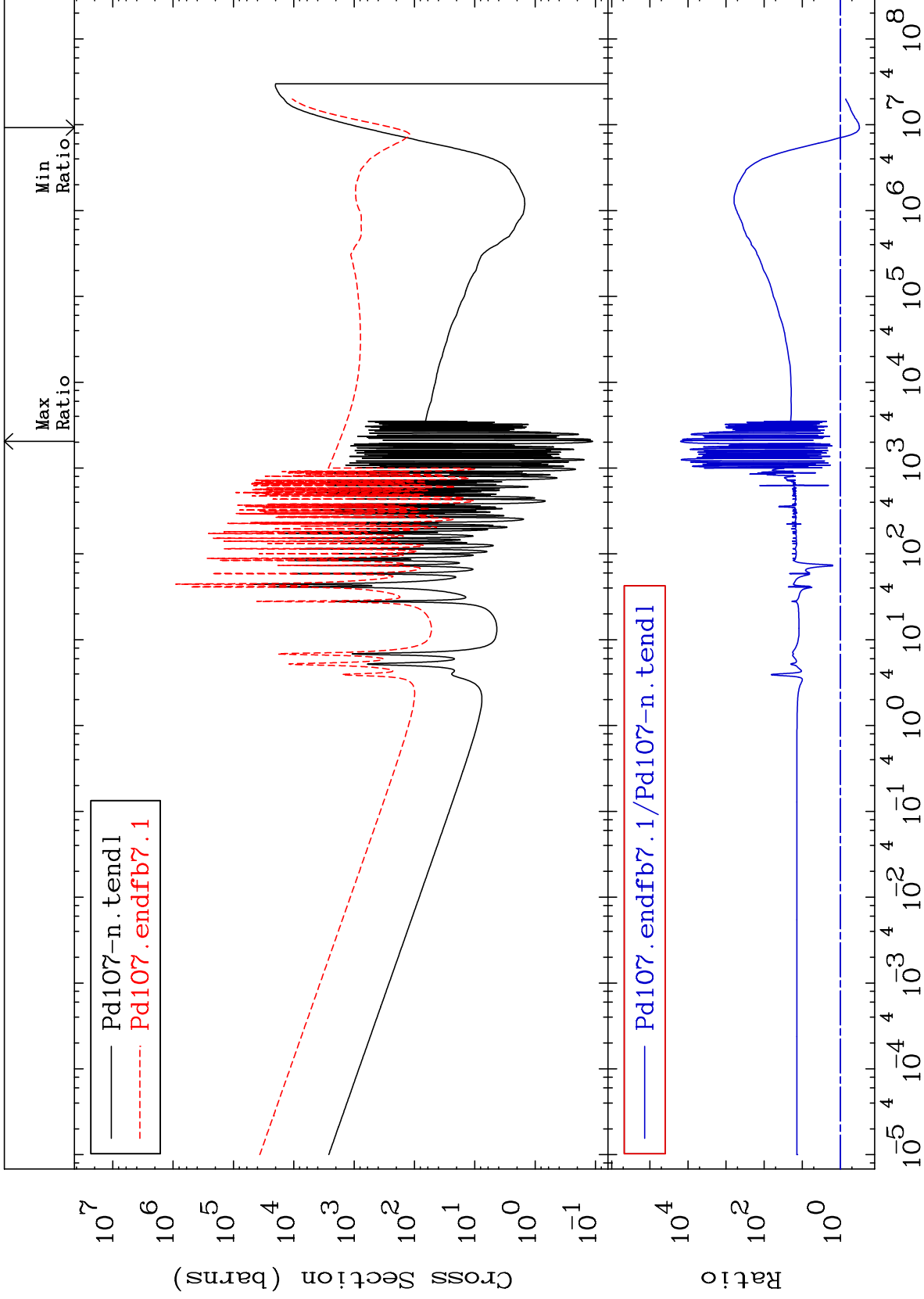
46-Pd-107  
-55.30 To 97.24 %



MAT 4640

Dpa disappearance (mt102 -120)  
Cross Section

46-Pd-107  
-68.43 To 9999. %



50

Incident Energy (eV)

46-Pd-107