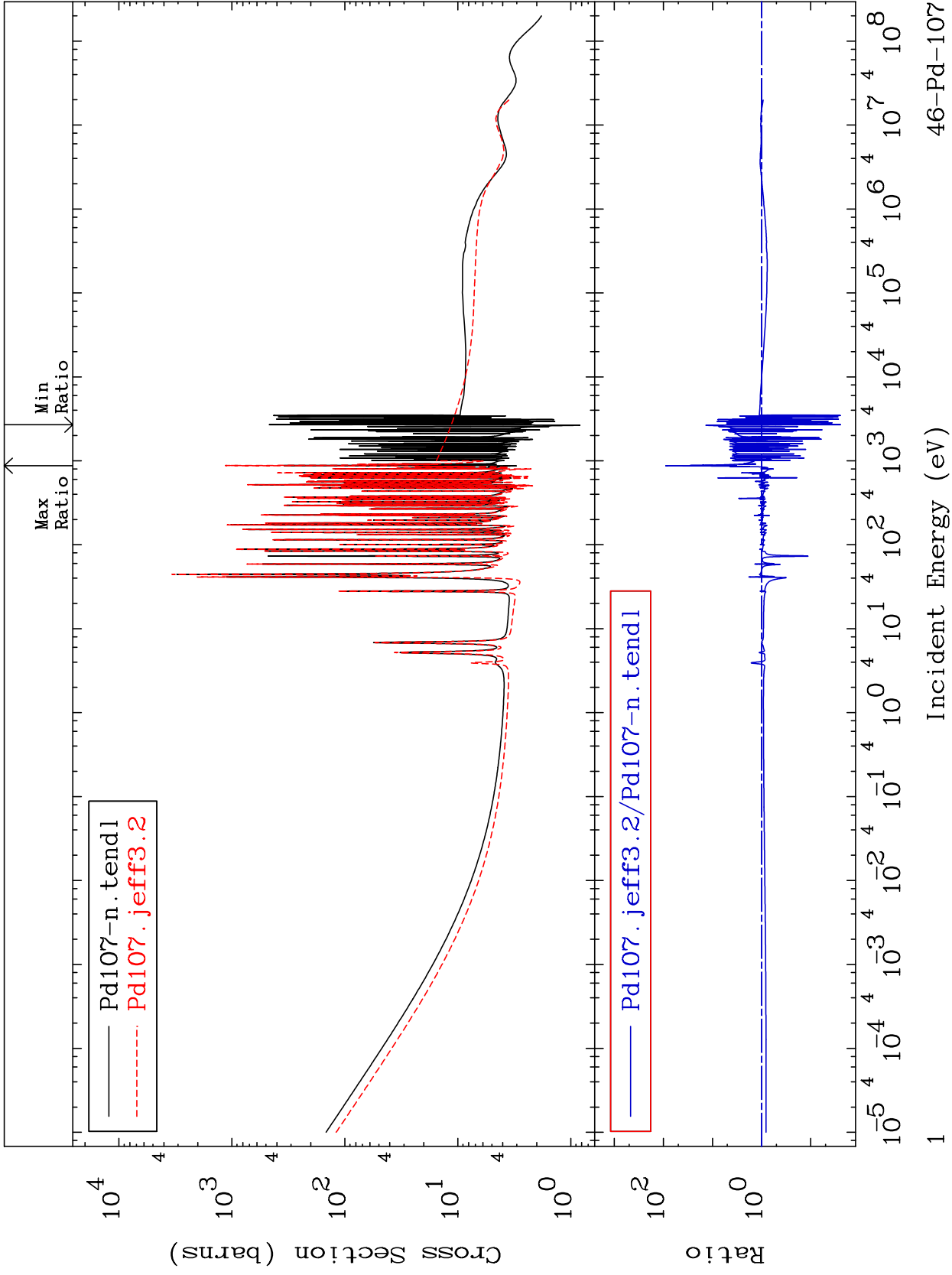


MAT 4640

Total  
Cross Section

46-Pd-107  
-97.54 To 8984. %

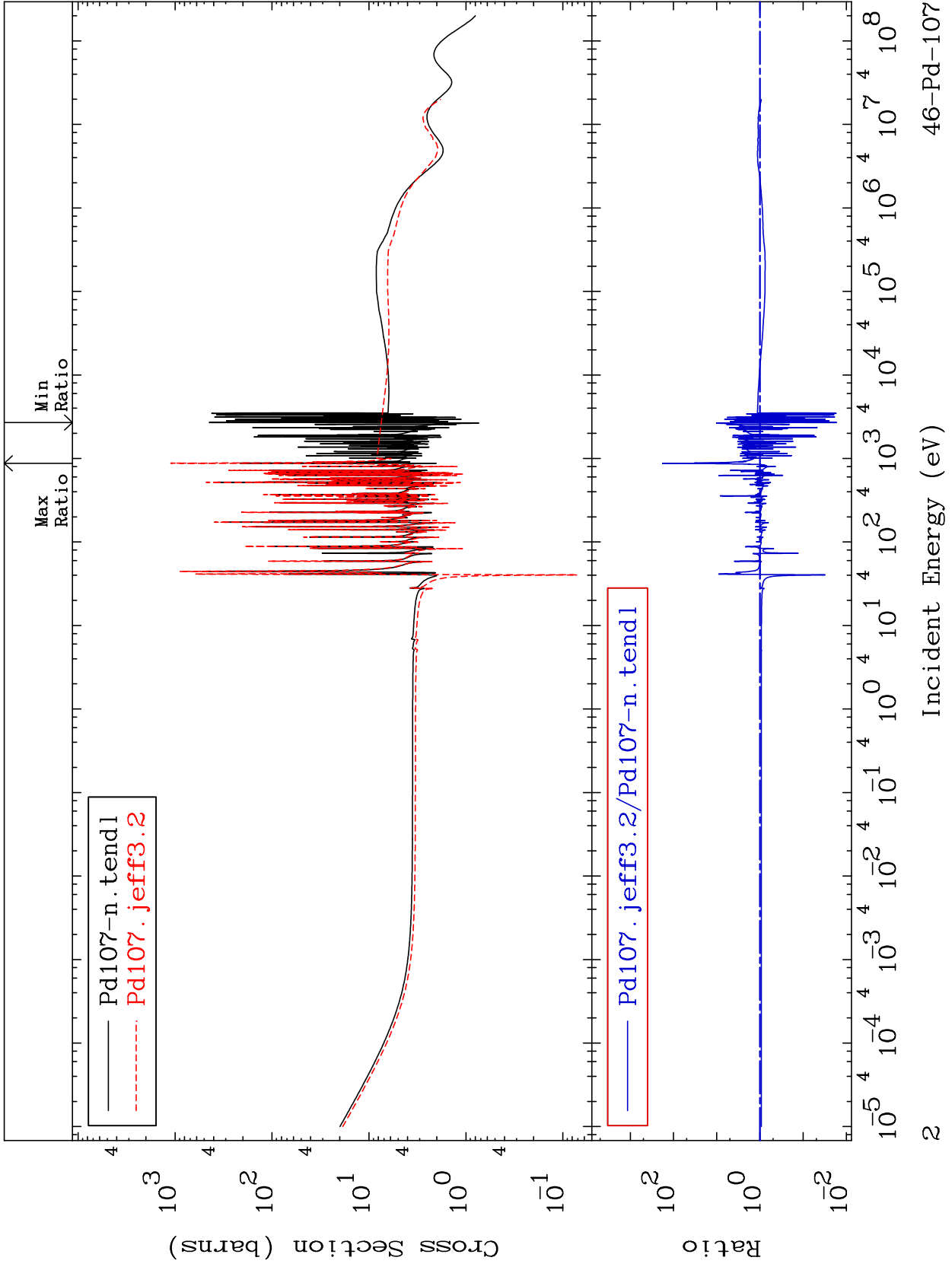


46-Pd-107

MAT 4640

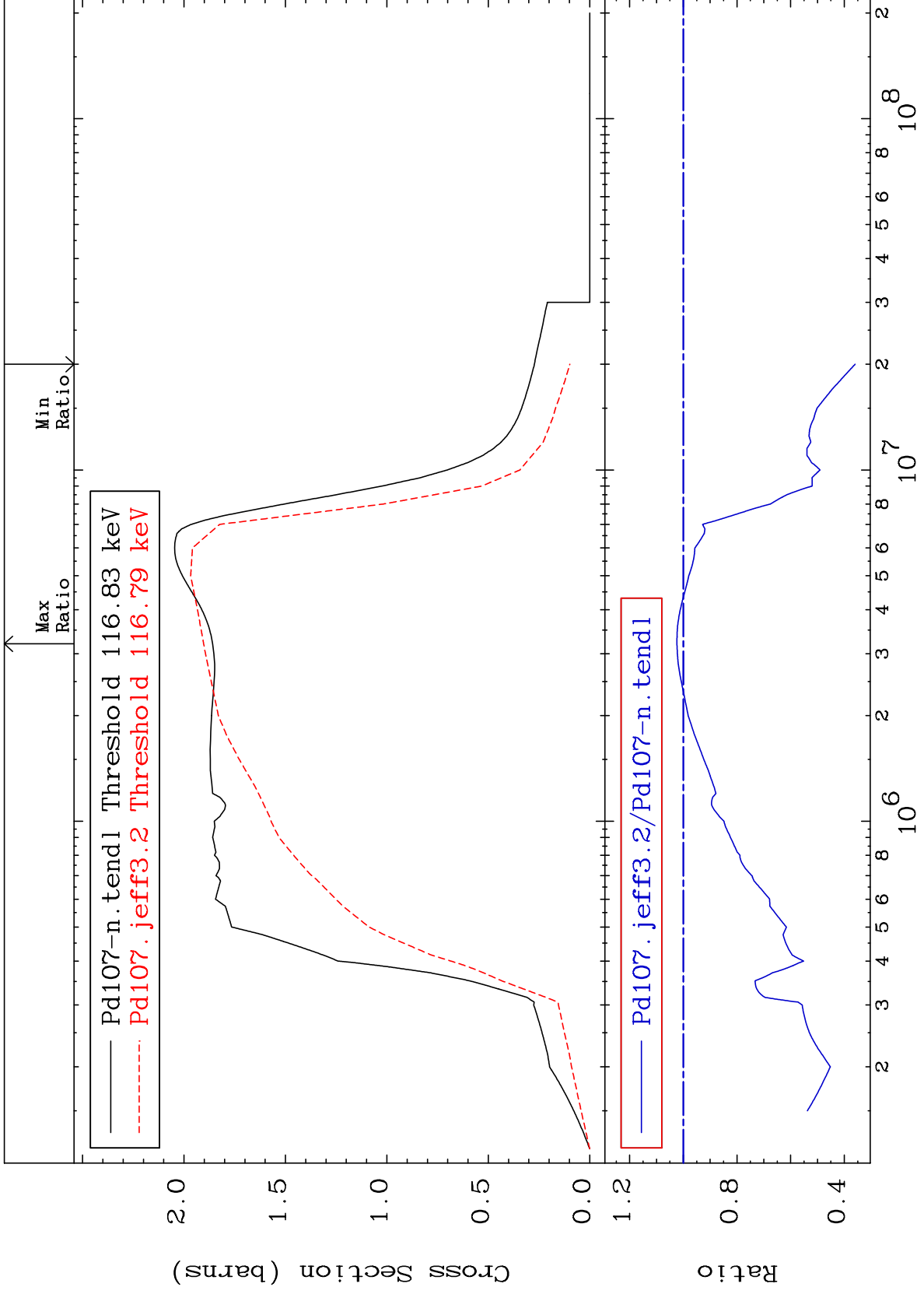
Elastic  
Cross Section

46-Pd-107  
-98.31 To 9999. %



MAT 4640

Inelastic Cross Section  
46-Pd-107  
-64.01 To 2.379 %



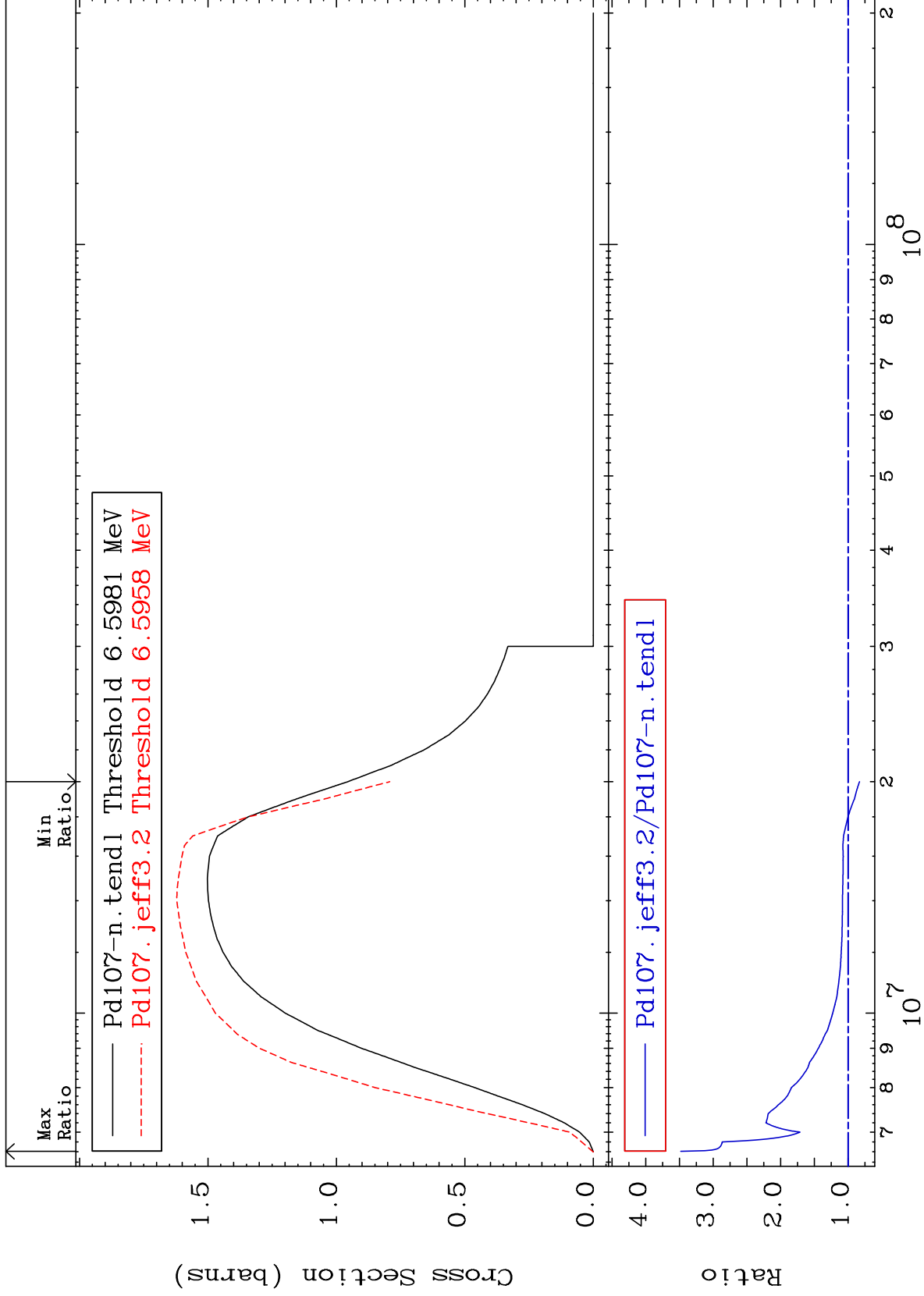
MAT 4640

(n,2n)

46-Pd-107

Cross Section

-17.11 To 248.2 %

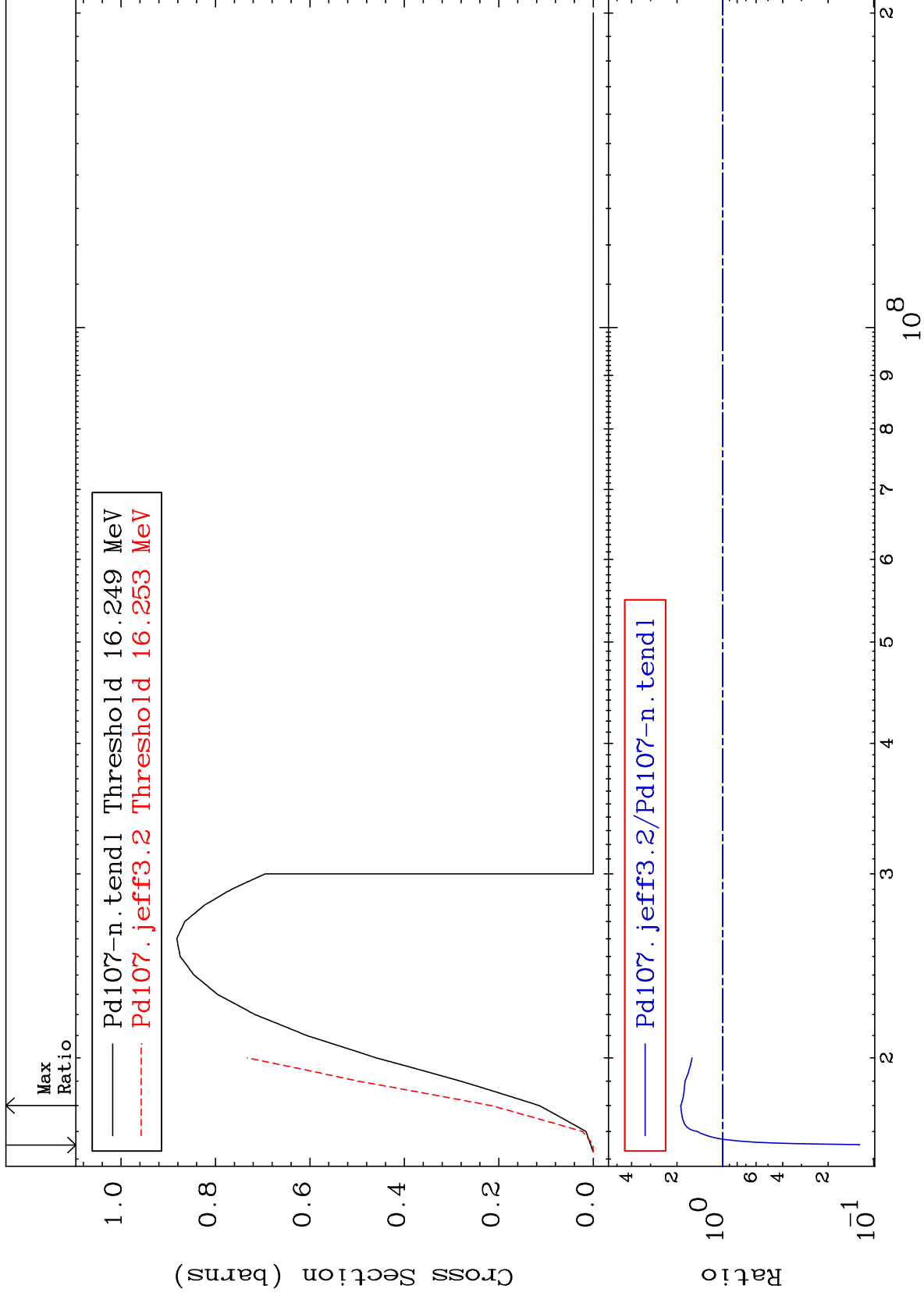


4

MAT 4640

(n,3n)  
Cross Section

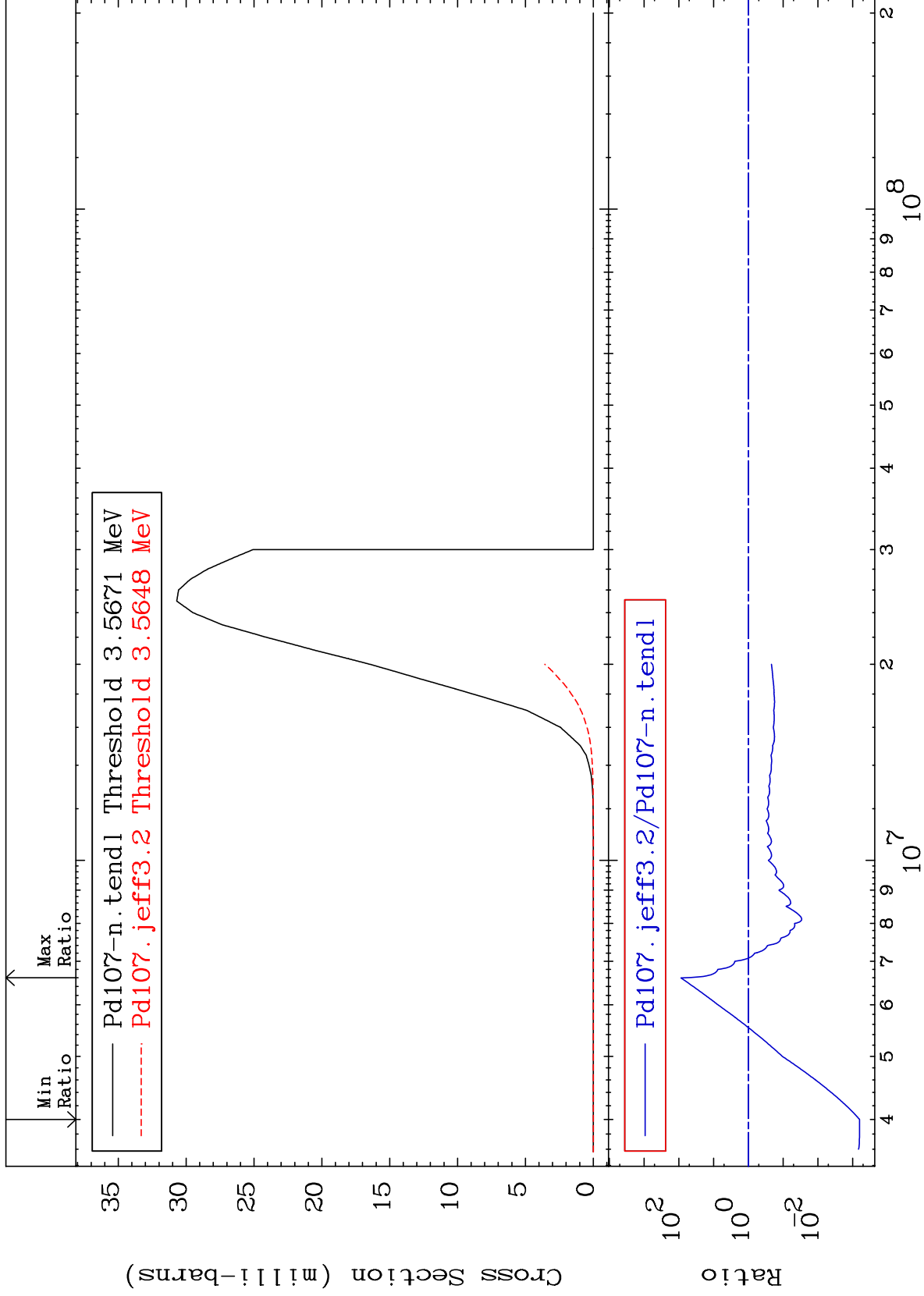
46-Pd-107  
-87.61 To 89.05 %



MAT 4640

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

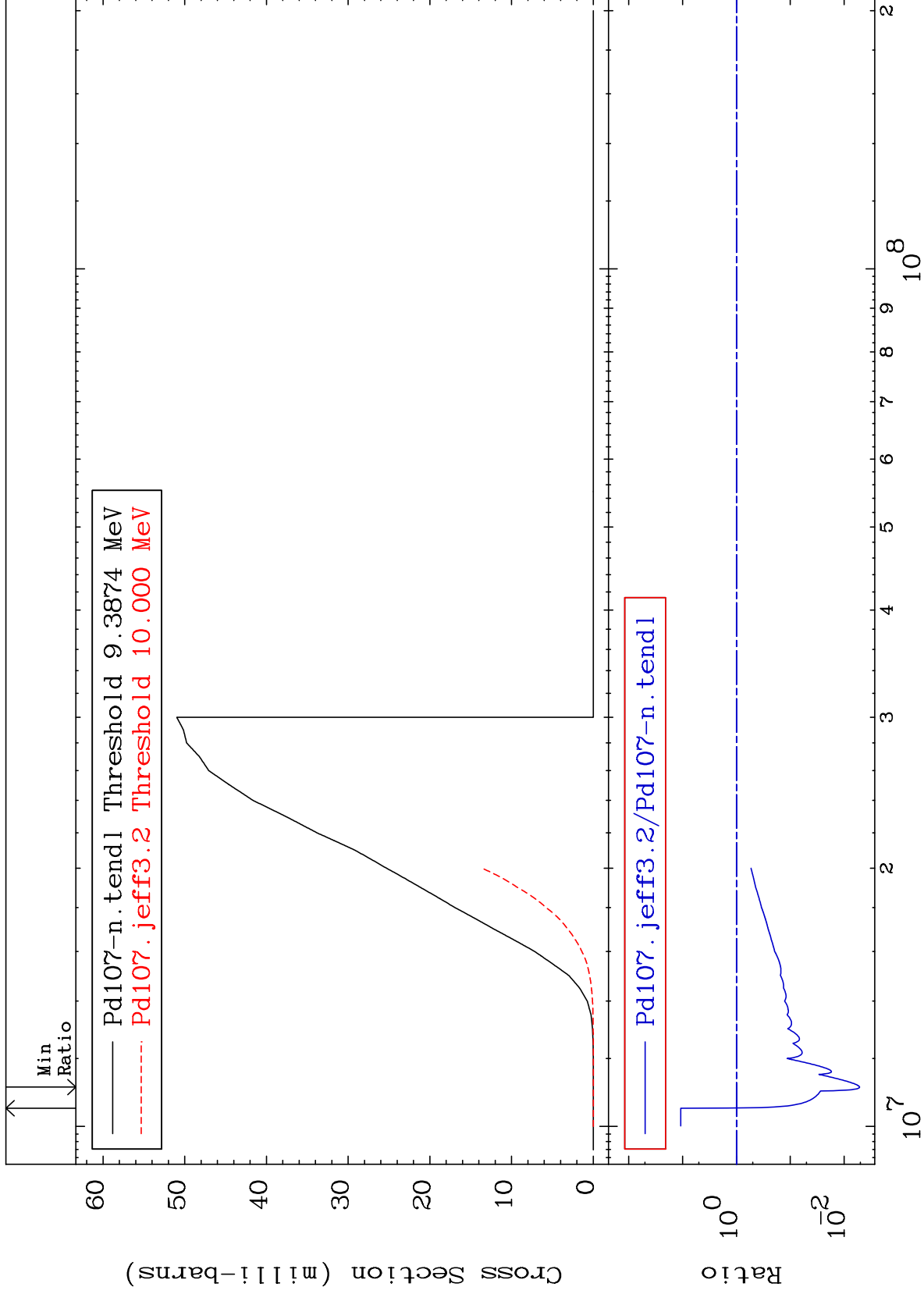
46-Pd-107  
-99.94 To 8720. %



MAT 4640

(n,n') p  
Cross Section

46-Pd-107  
-99.48 To 979.5 %



46-Pd-107

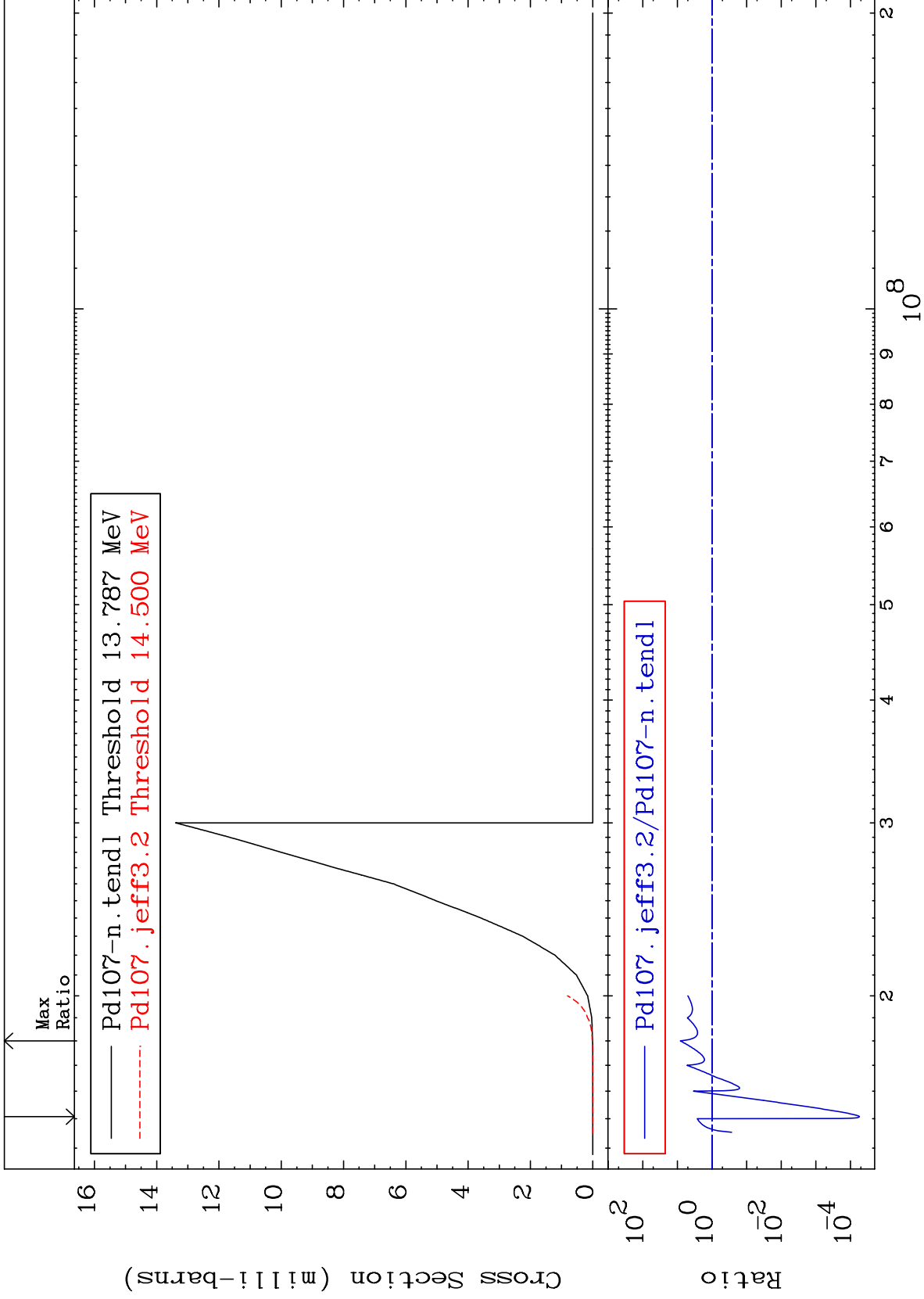
Incident Energy (eV)

7

MAT 4640

(n, n') d  
Cross Section

46-Pd-107  
-99.99 To 719.6 %

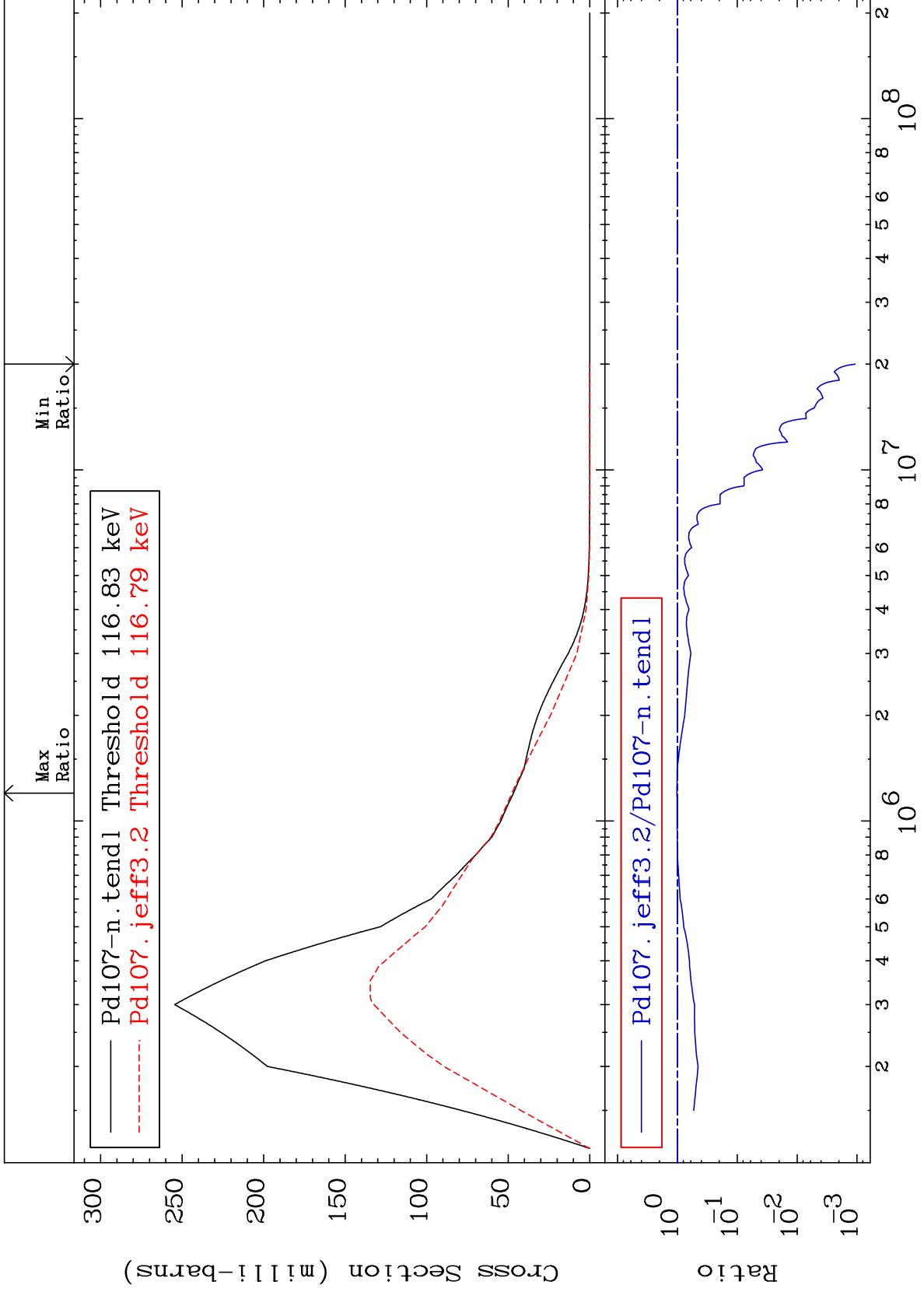




MAT 4640

115.7 keV (n,n') Level  
Cross Section

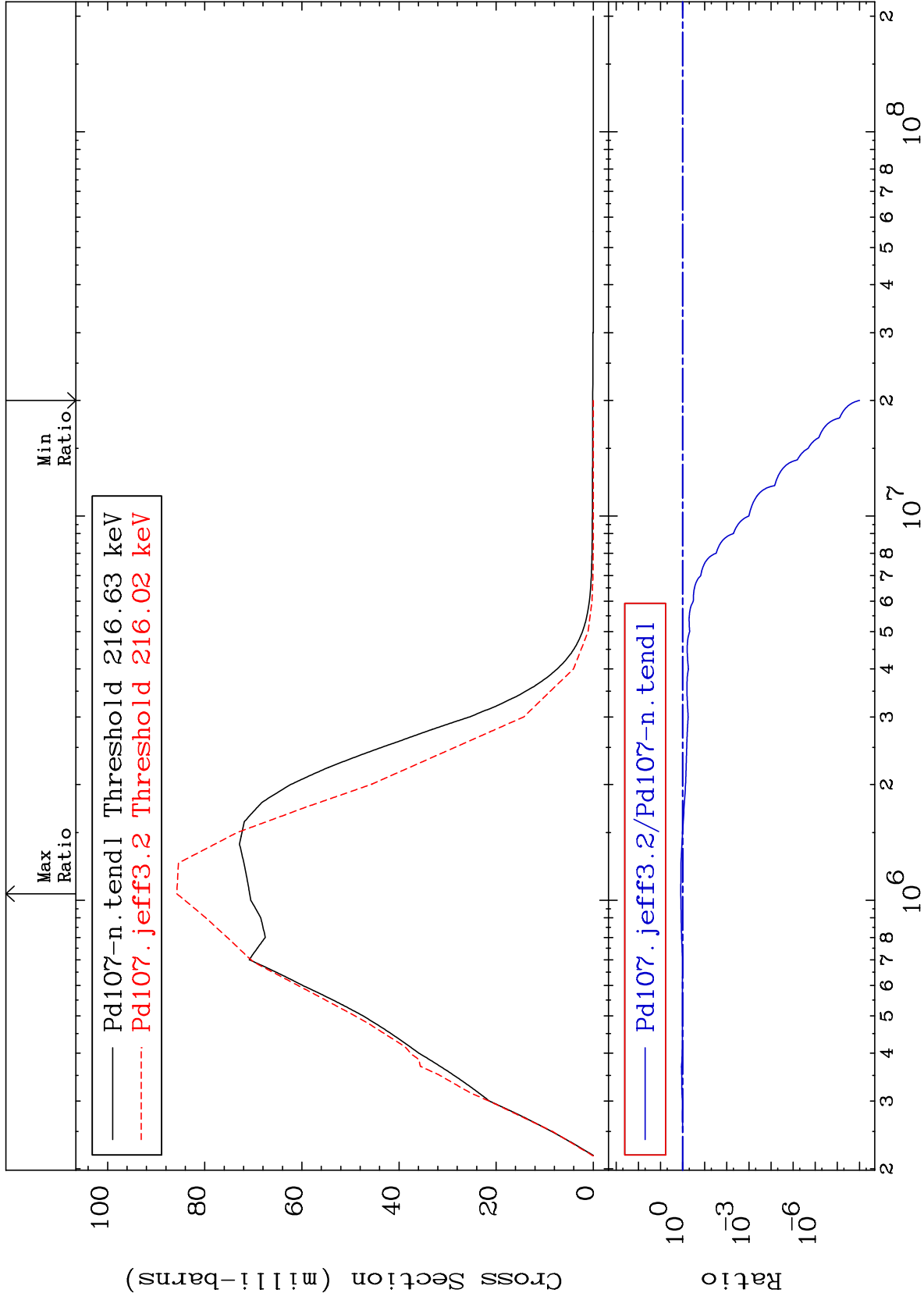
46-Pd-107  
-99.89 To 2.036 %



MAT 4640

214.6 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 21.22 %



10

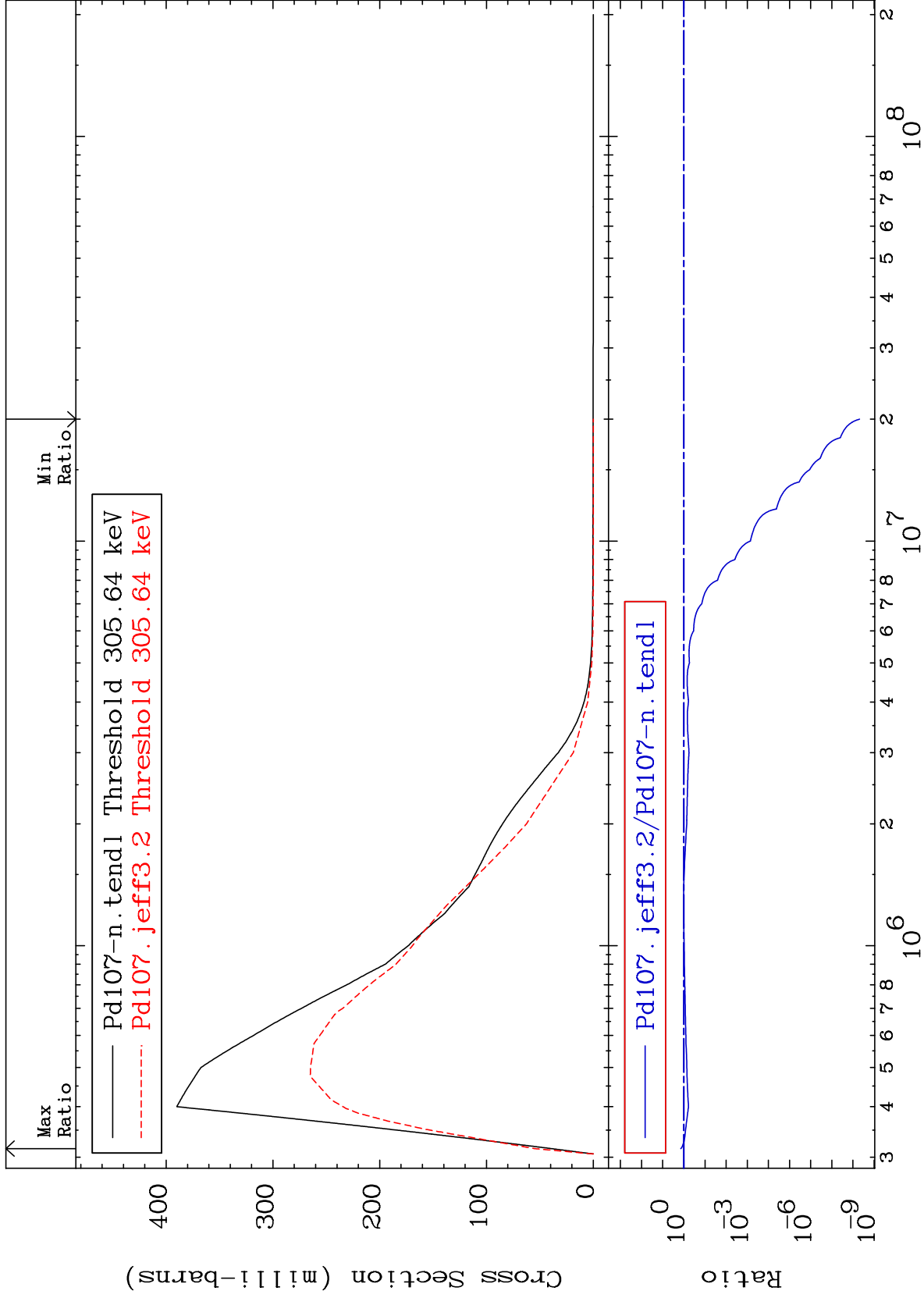
Incident Energy (eV)

46-Pd-107

MAT 4640

302.8 keV (n,n') Level  
Cross Section

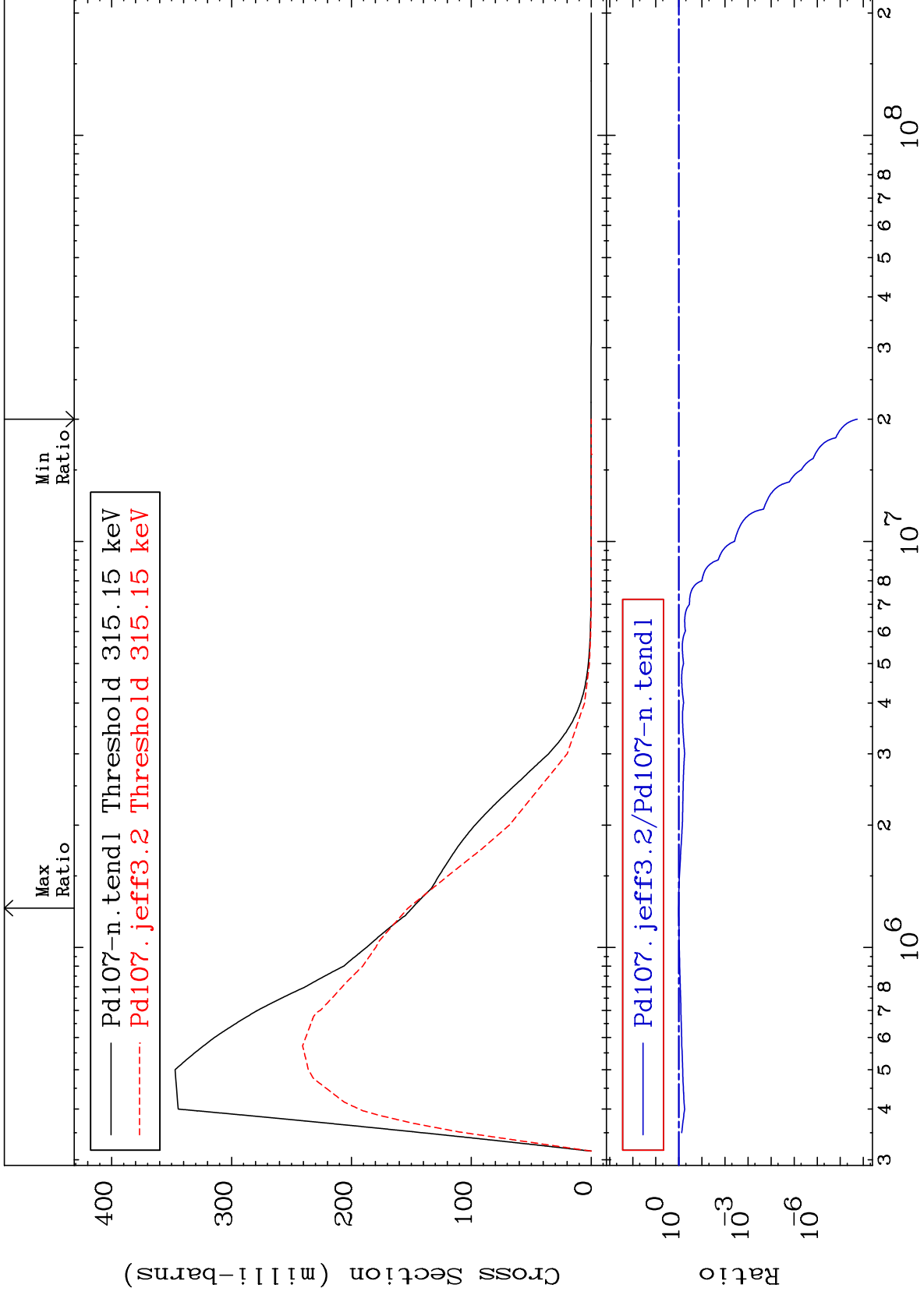
46-Pd-107  
-100.0 To 39.89 %



MAT 4640

312.2 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 2.276 %



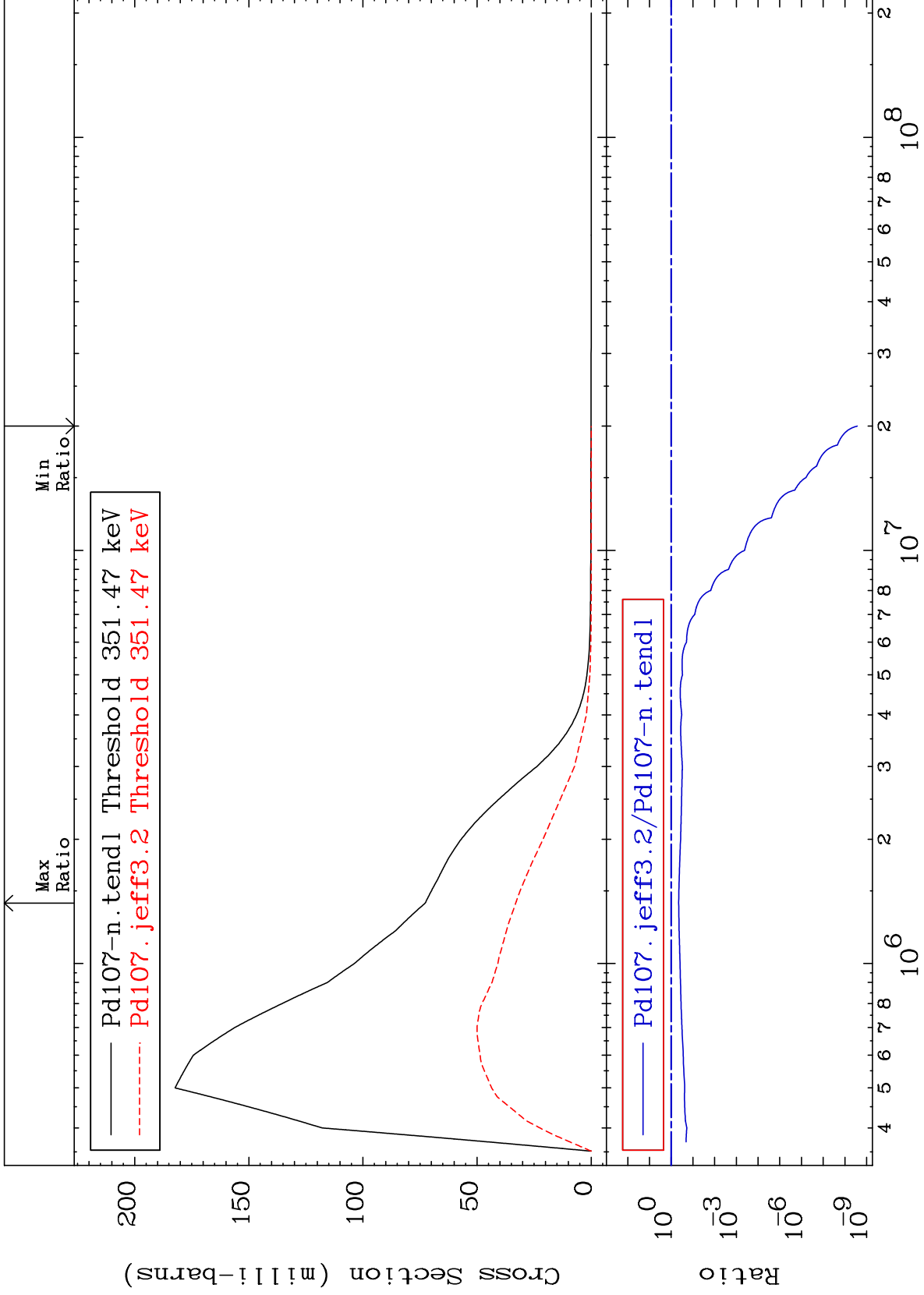
12

46-Pd-107

MAT 4640

348.2 keV (n,n') Level  
Cross Section

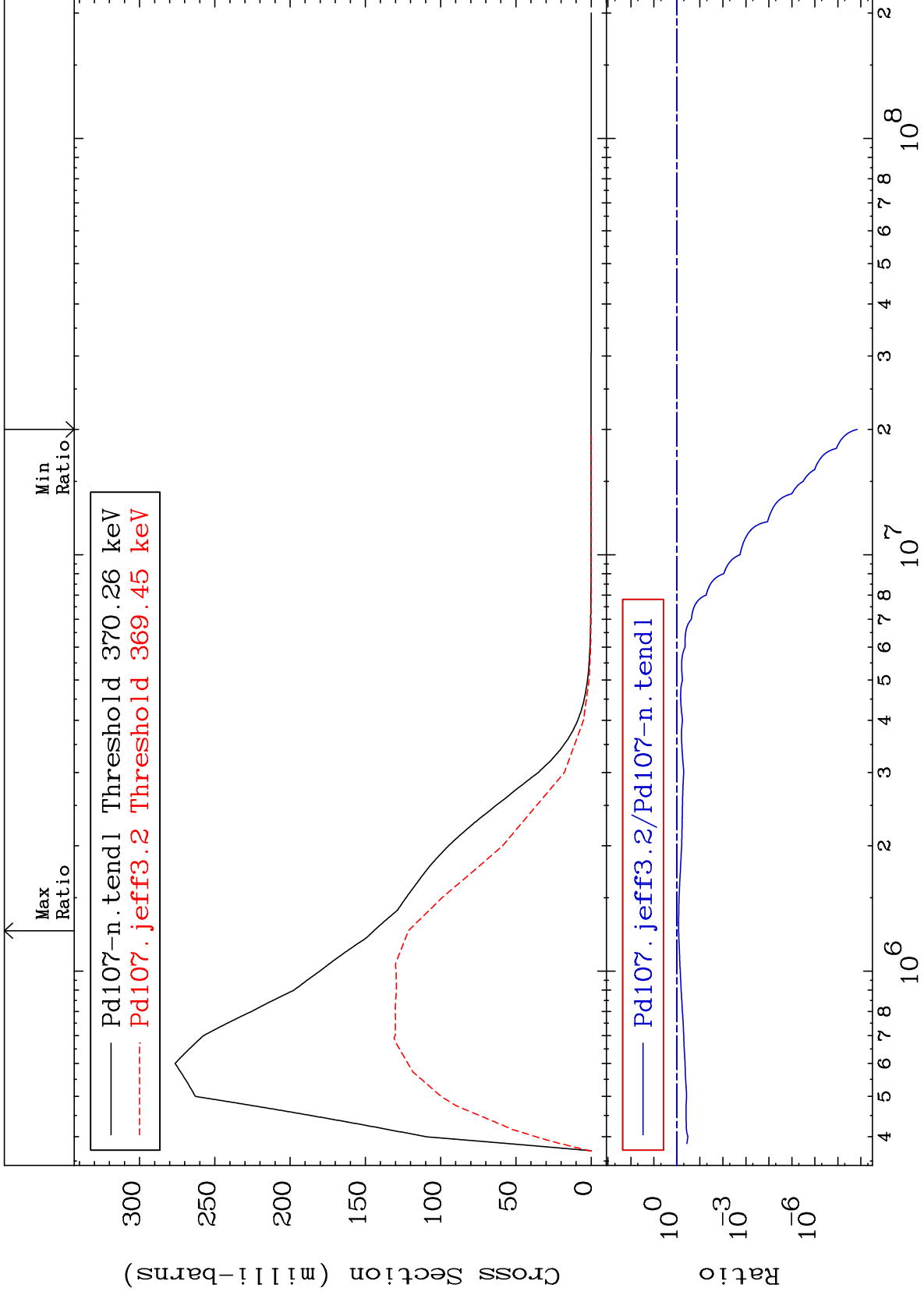
46-Pd-107  
-100.0 To -54.53%



MAT 4640

366.8 keV (n,n') Level  
Cross Section

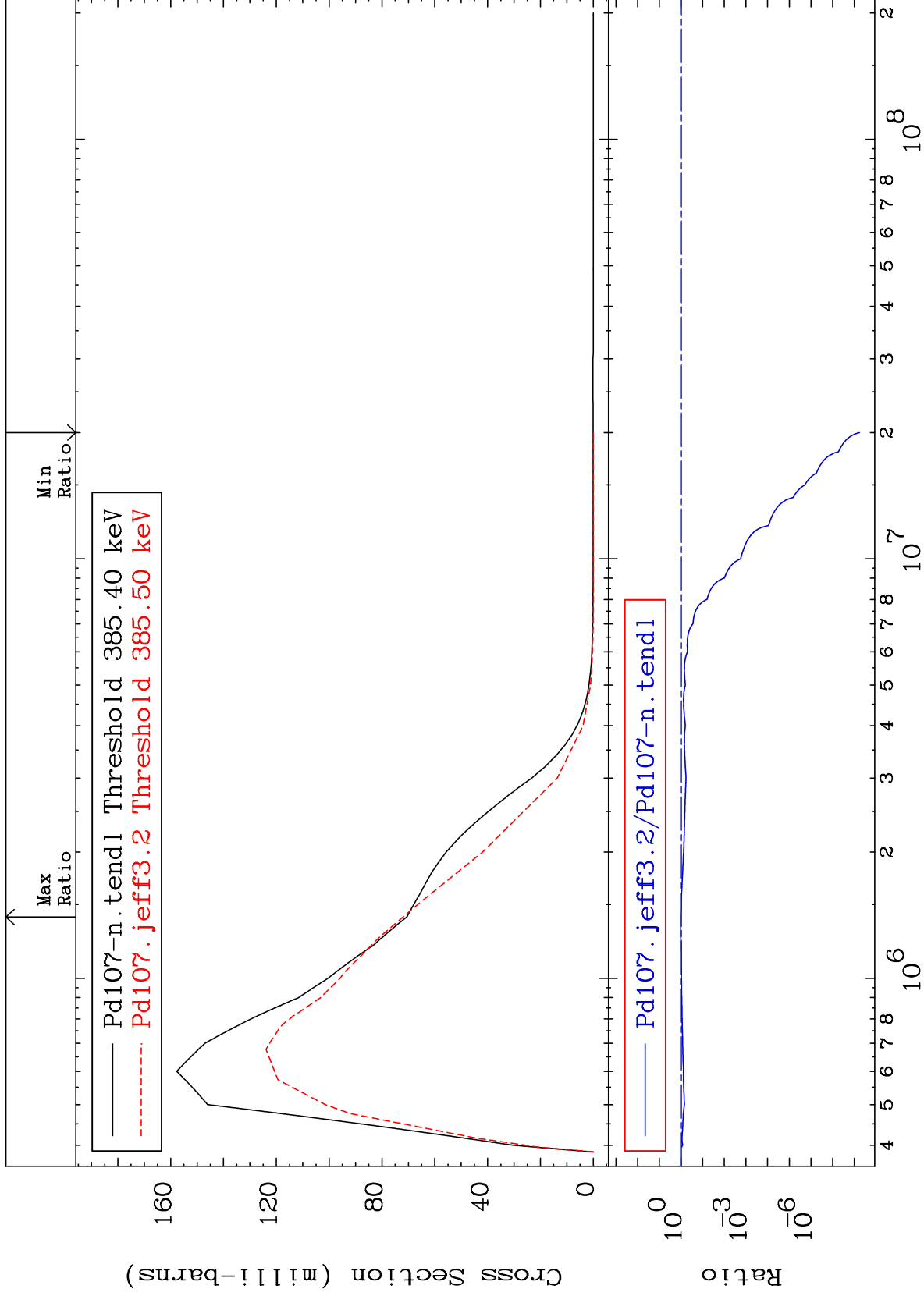
46-Pd-107  
-100.0 To -15.88%



MAT 4640

381.8 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 2.048 %



15

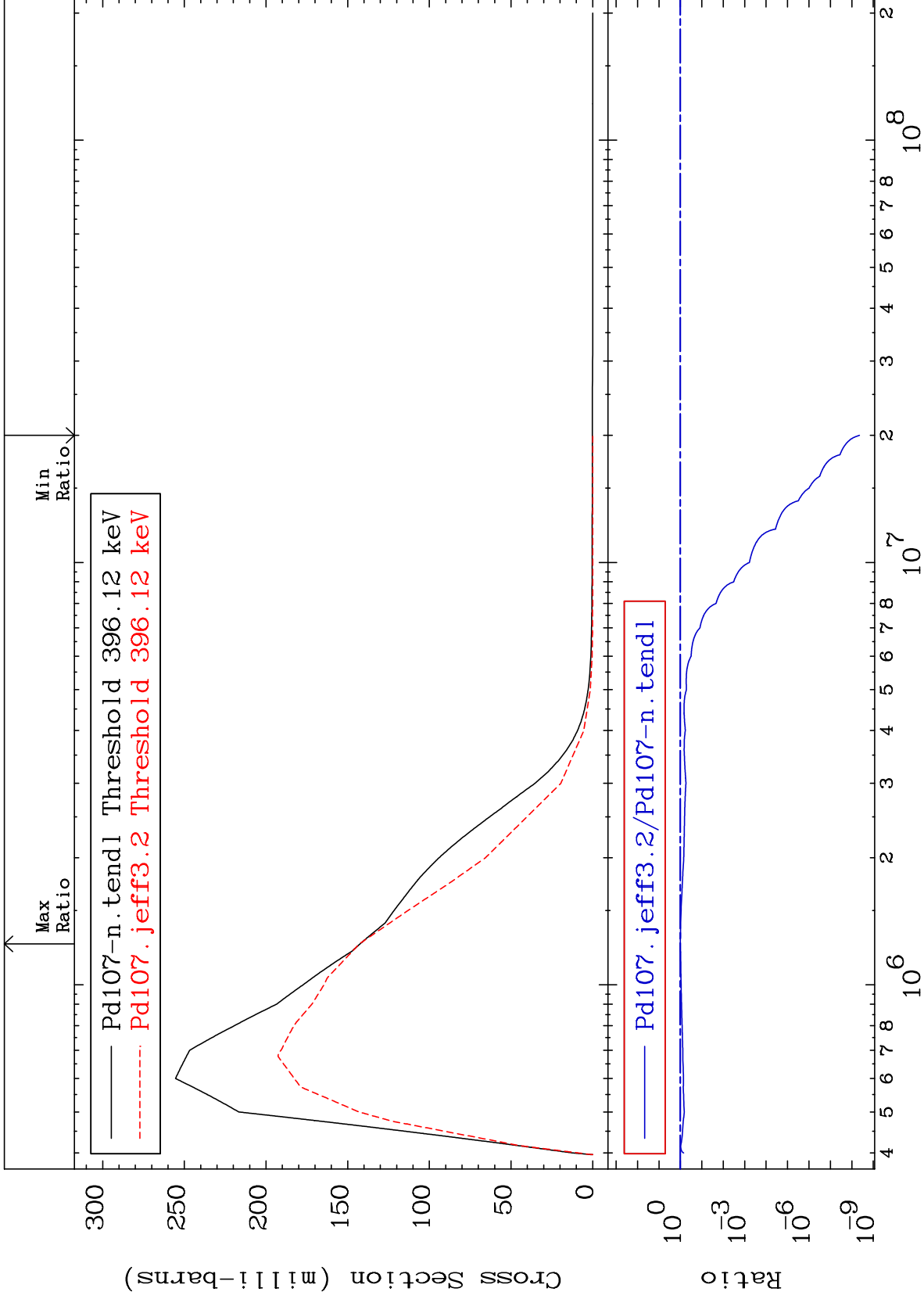
Incident Energy (eV)

46-Pd-107

MAT 4640

392.4 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 0.308 %



16

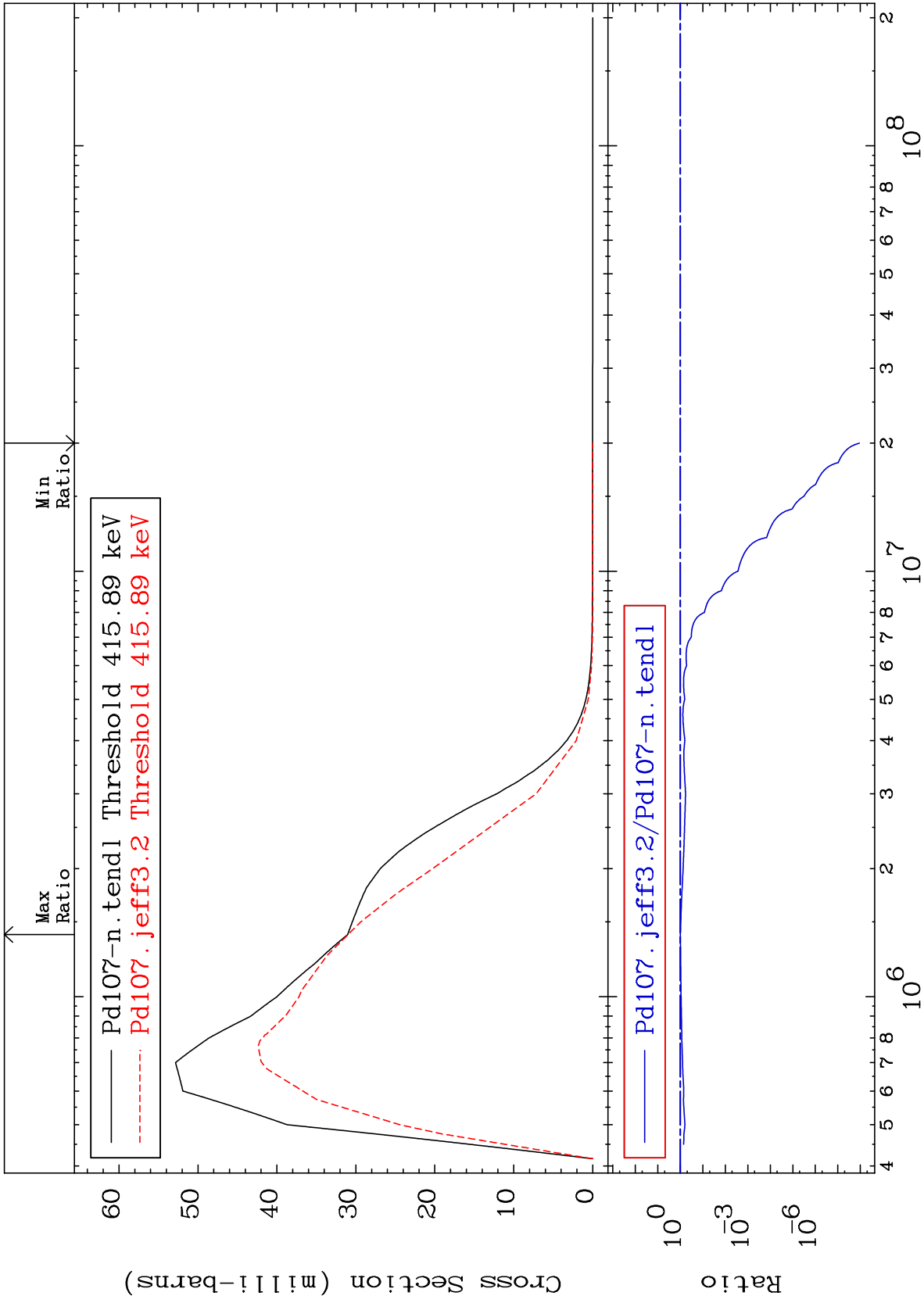
46-Pd-107



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

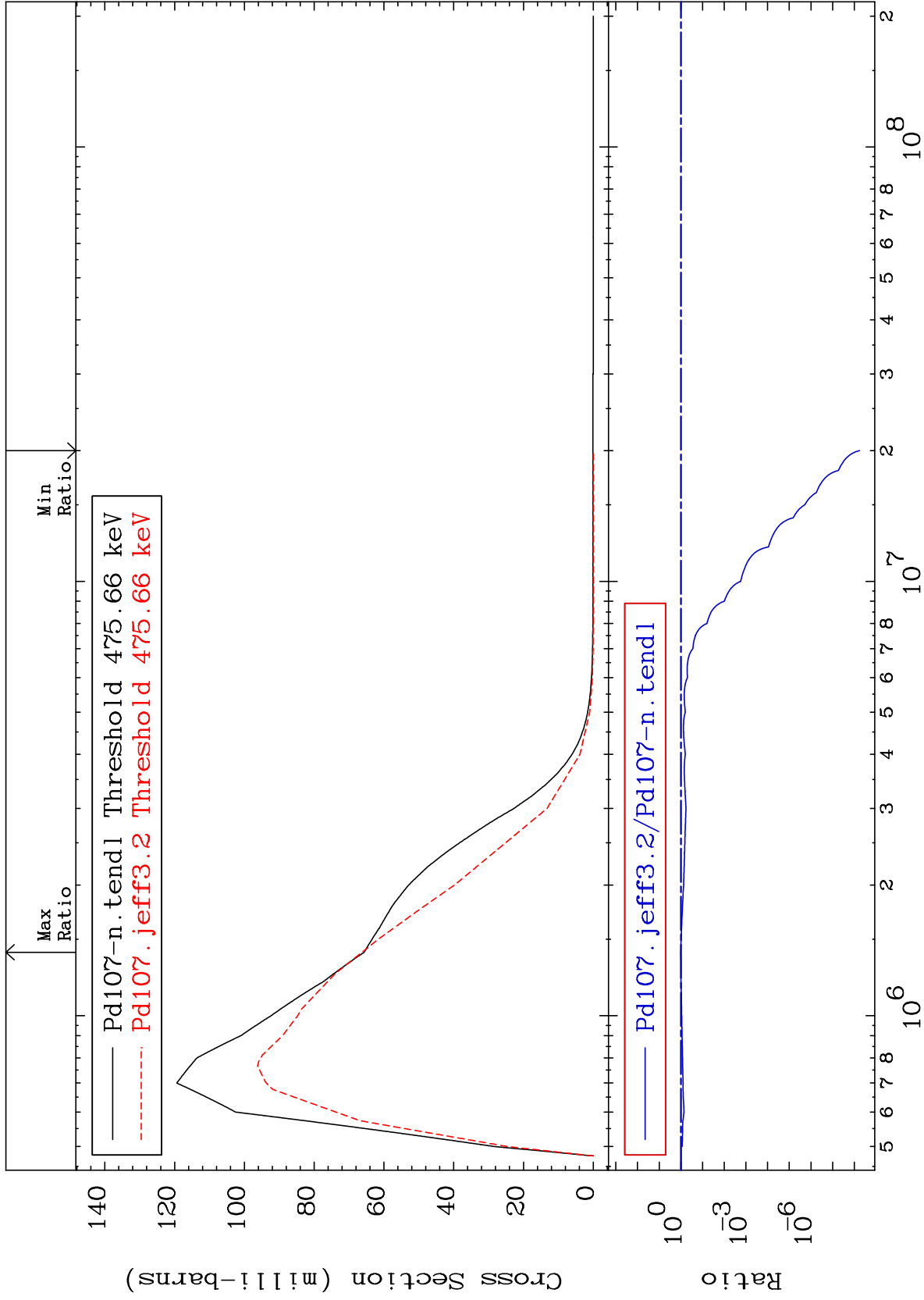
MAT 4640

471.2 keV (n,n') Level

46-Pd-107

-100.0 To 0.947 %

Cross Section



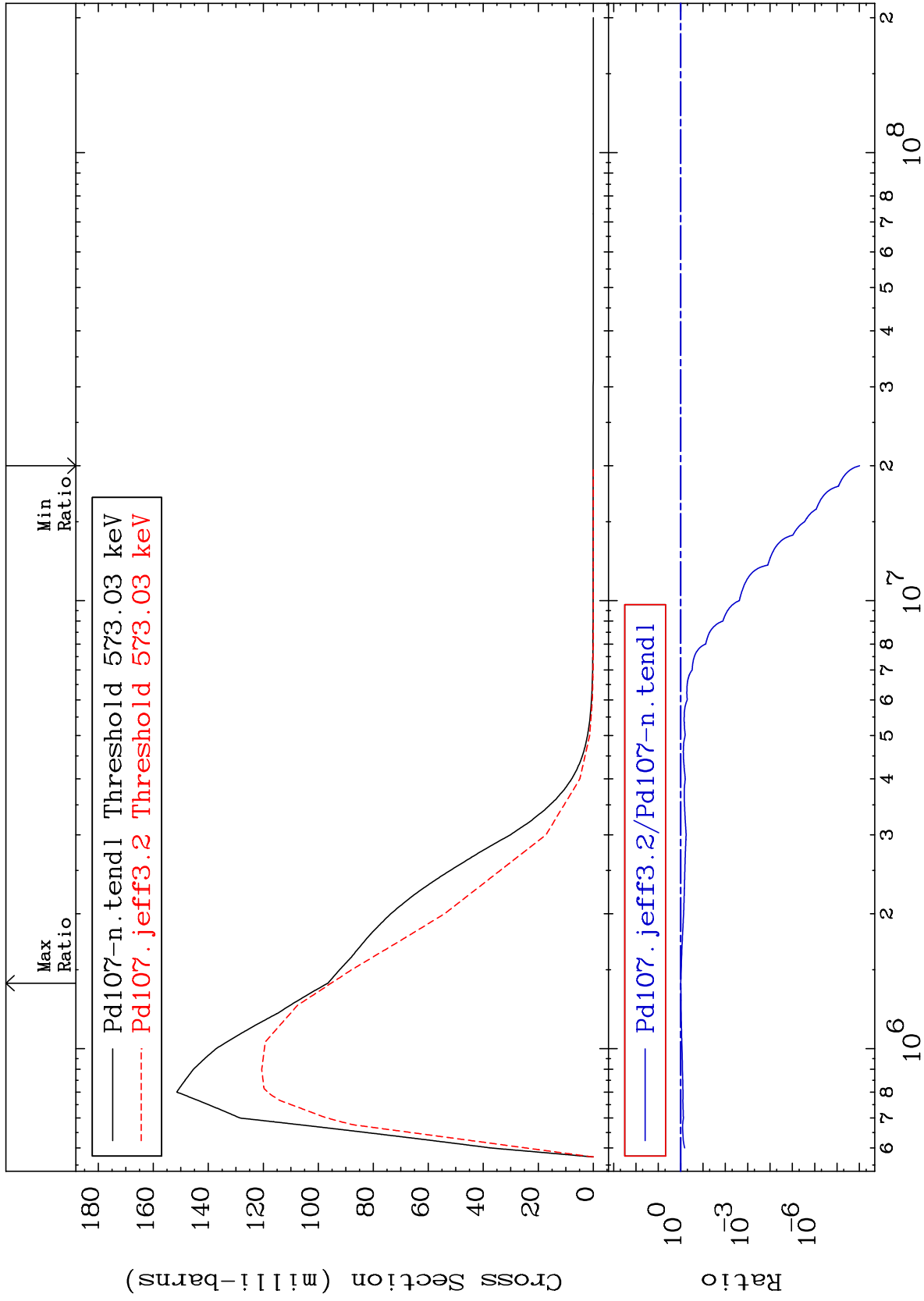
MAT 4640

567.7 keV (n,n') Level

46-Pd-107

-100.0 To -1.247%

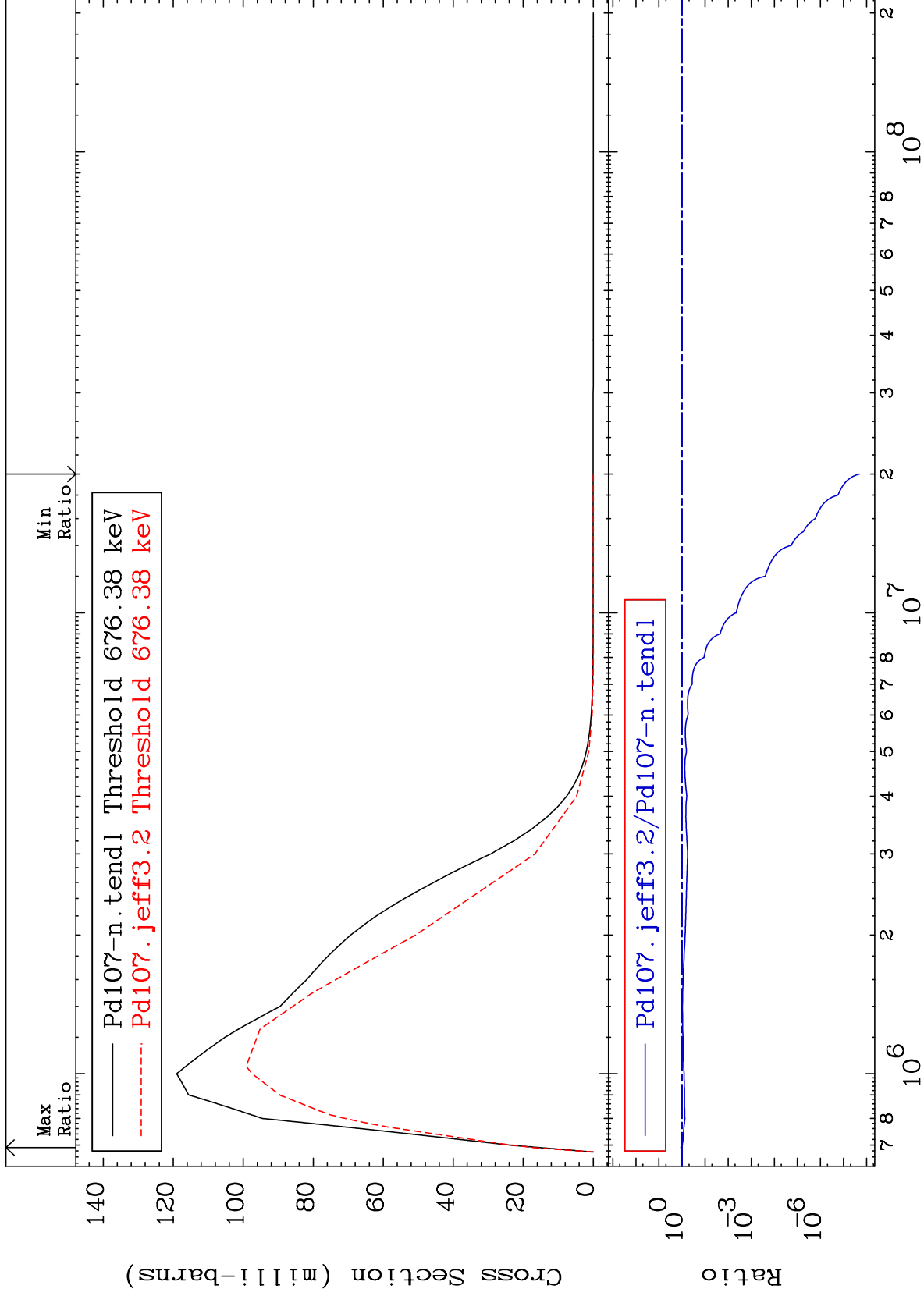
Cross Section



MAT 4640

670.1 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 13.27 %



20

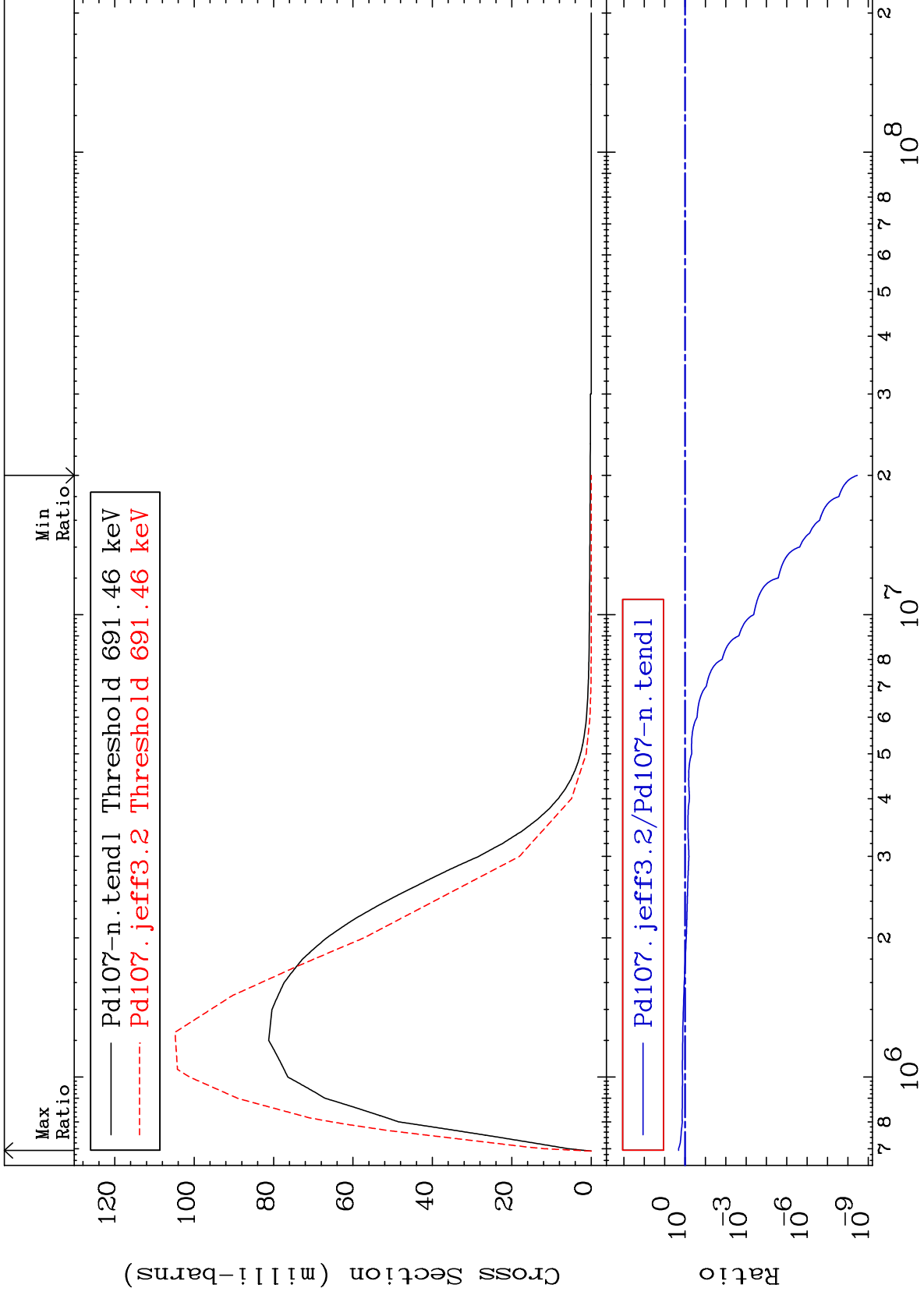
Incident Energy (eV)

46-Pd-107

MAT 4640

685.0 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To 104.0 %



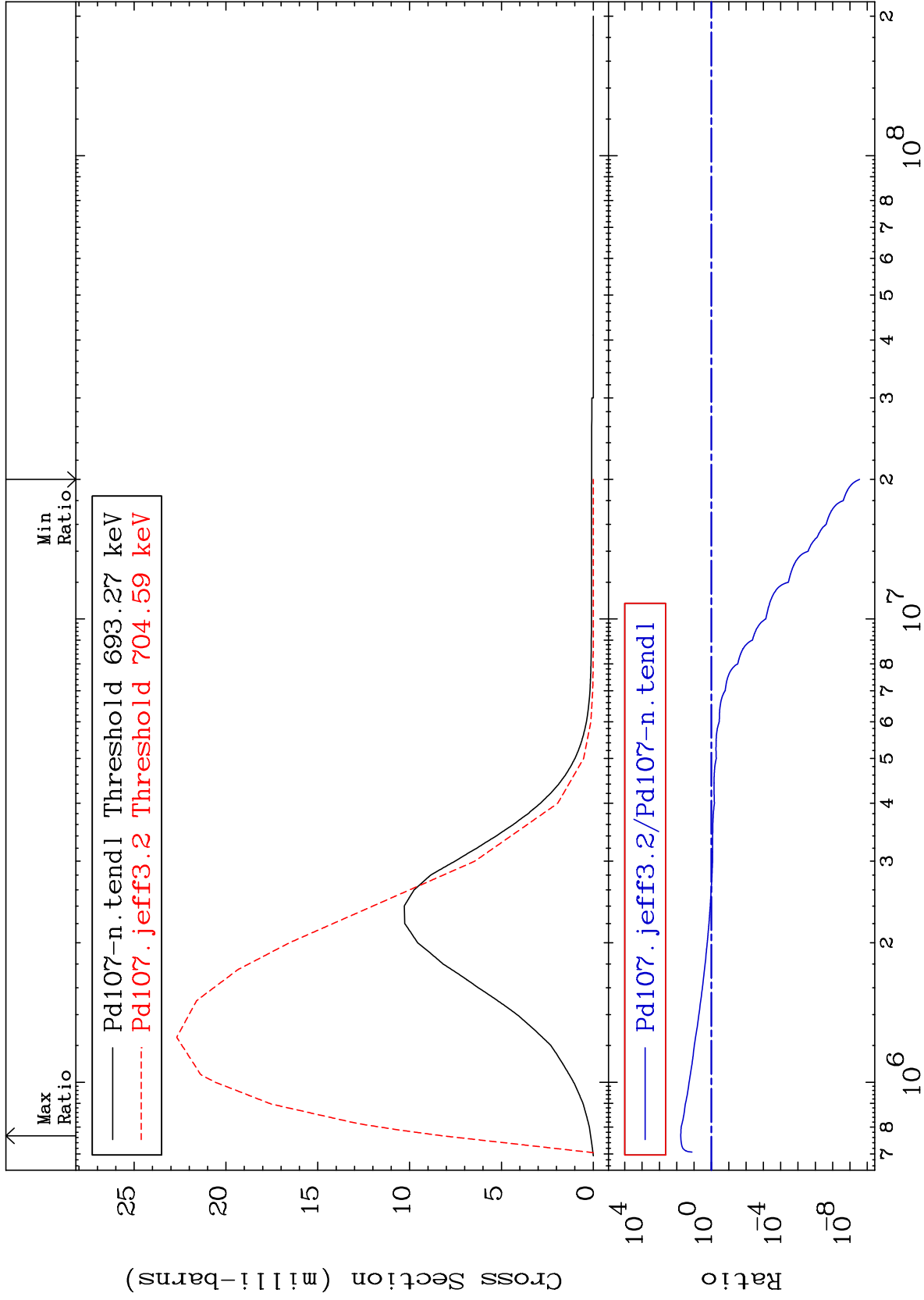
MAT 4640

686.8 keV (n,n') Level

46-Pd-107

-100.0 To 5751. %

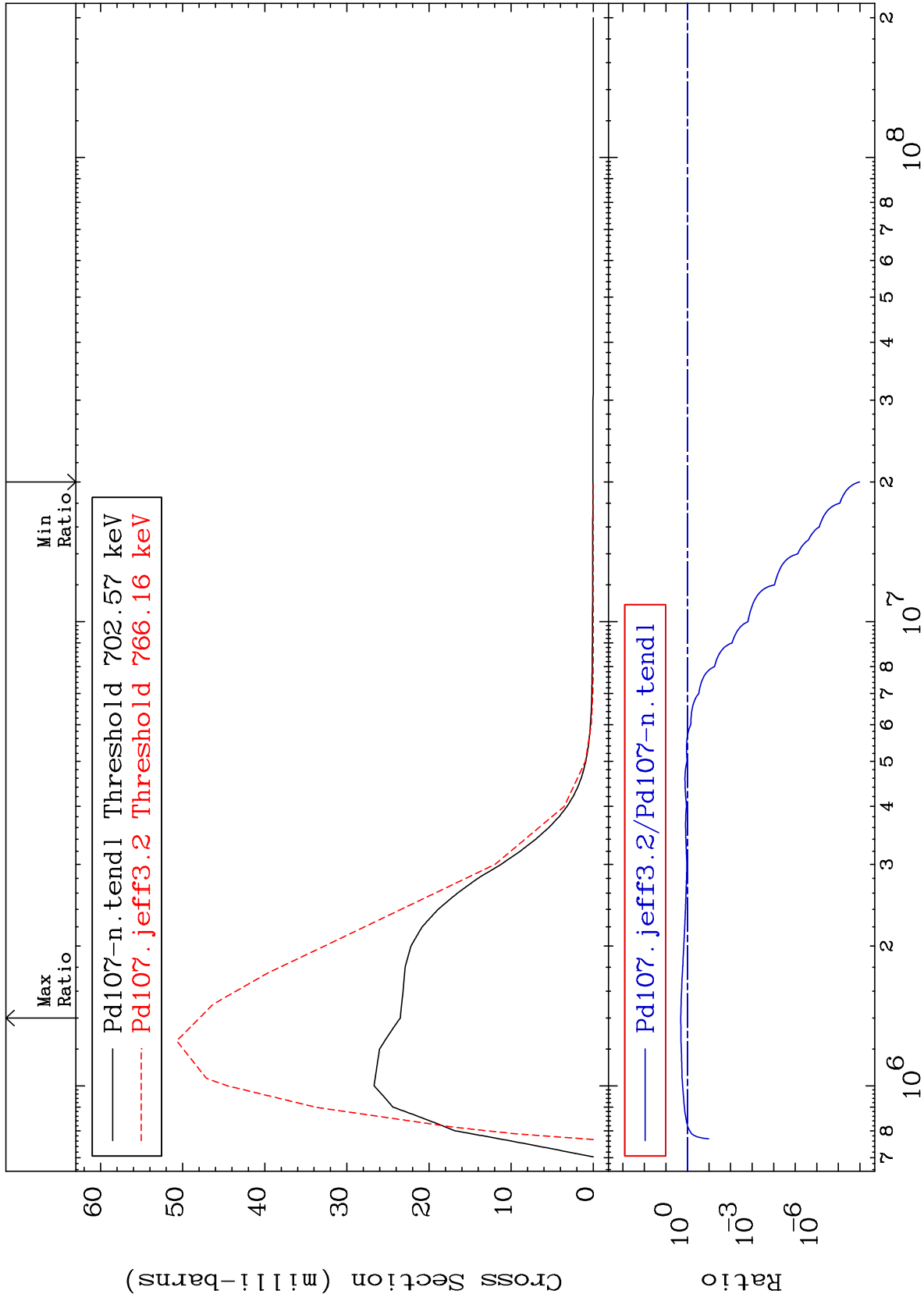
Cross Section



MAT 4640

696.0 keV (n,n') Level  
Cross Section

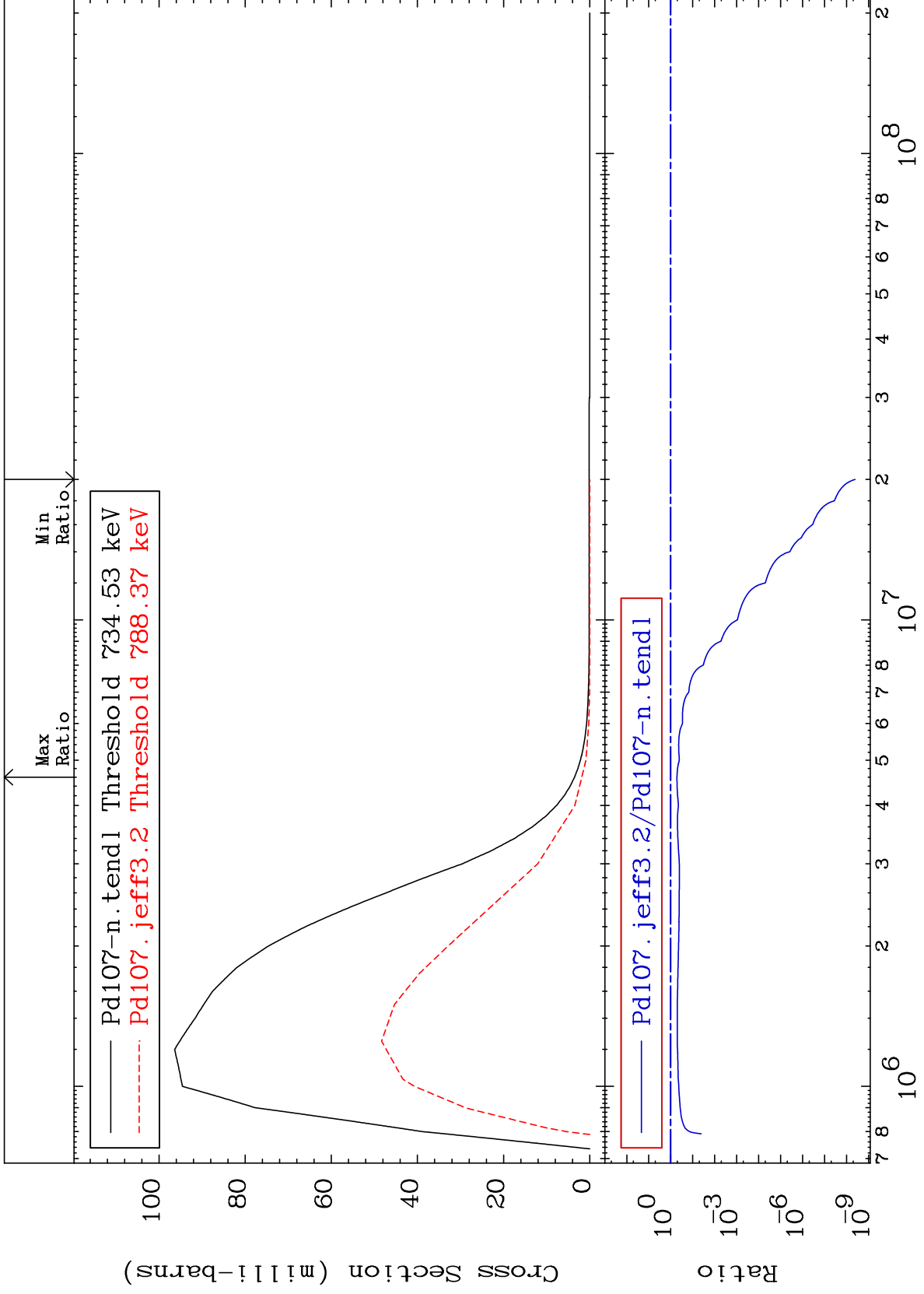
46-Pd-107  
-100.0 To 104.0 %



MAT 4640

727.7 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To -47.64%

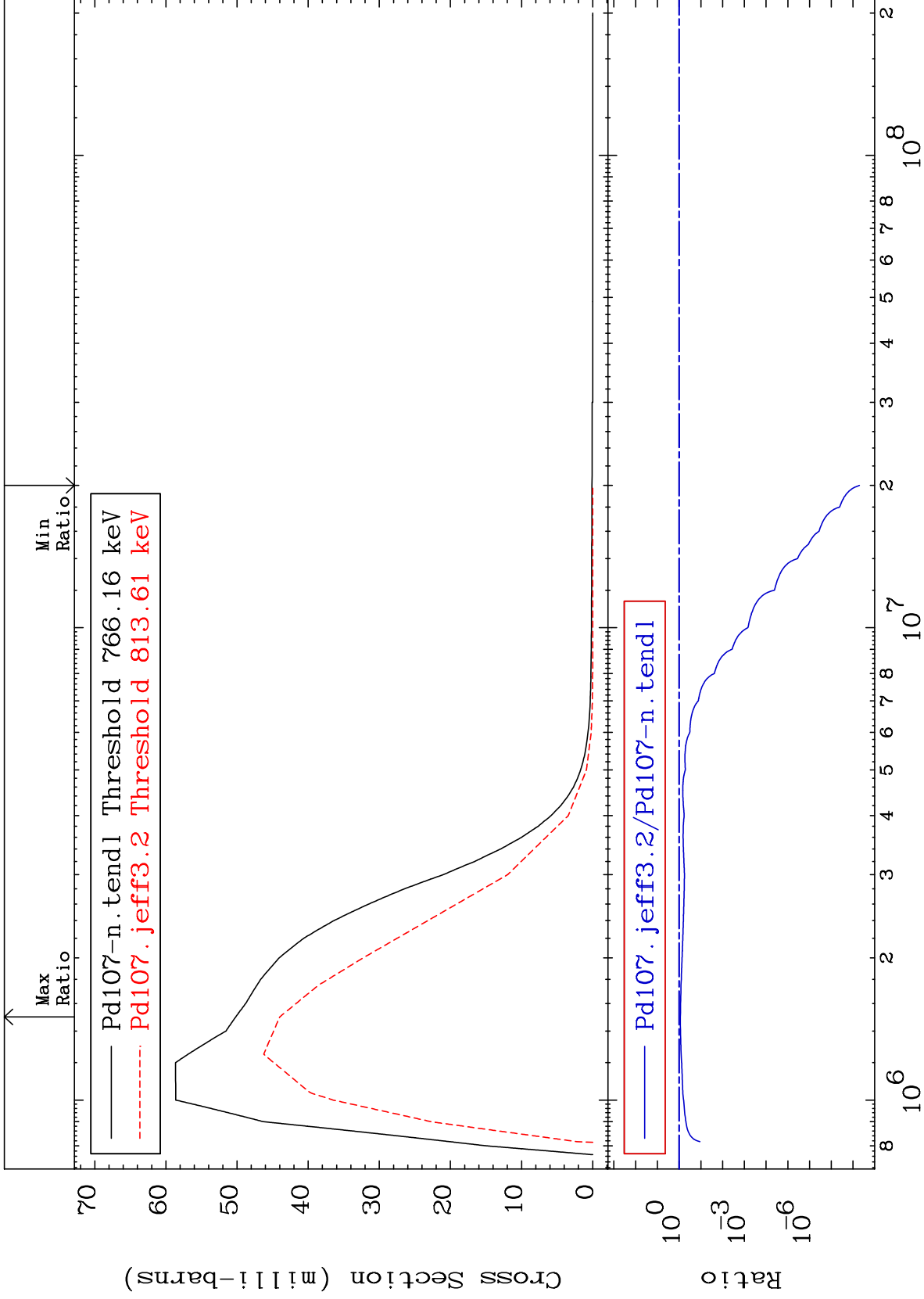




MAT 4640

759.0 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To -12.31%



25

Incident Energy (eV)

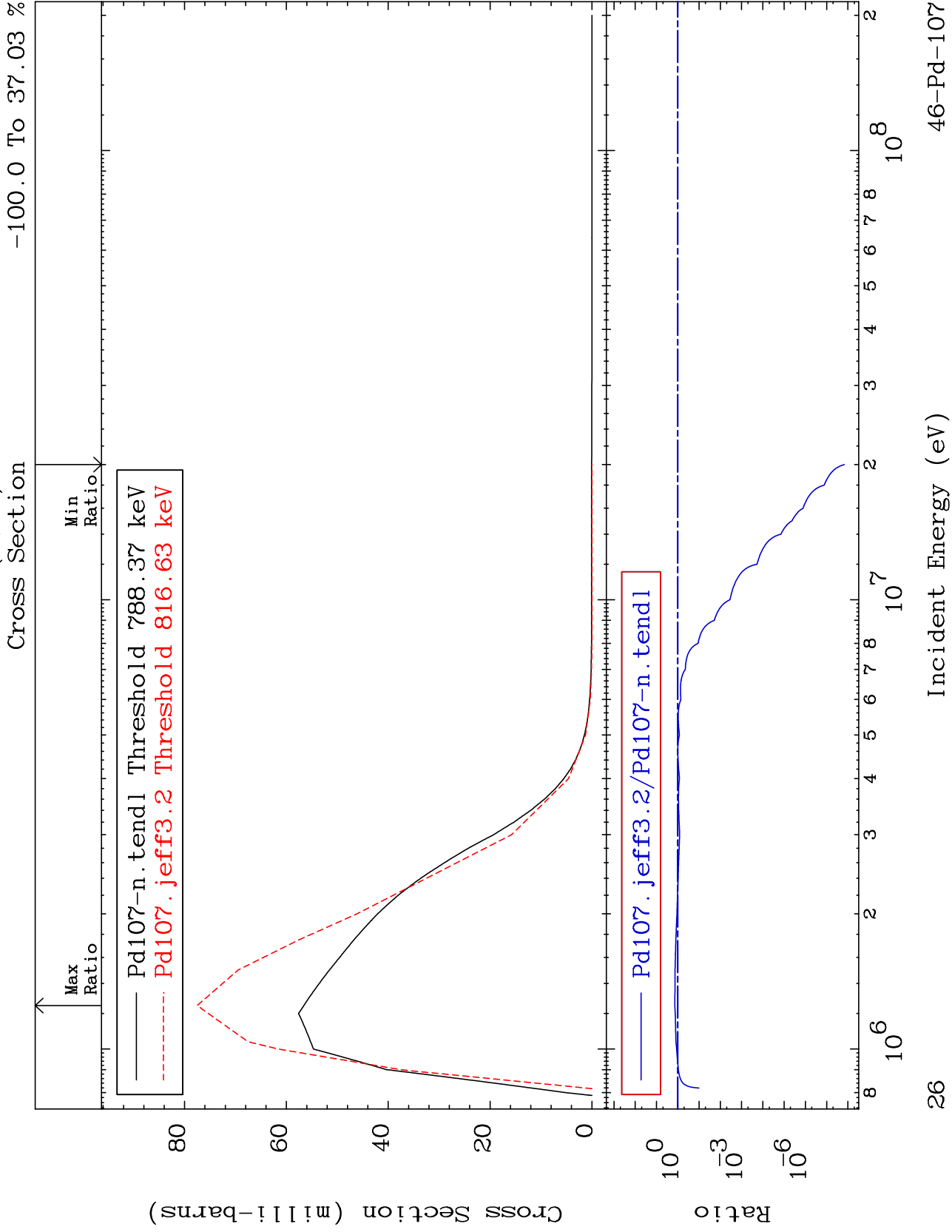
46-Pd-107

MAT 4640

781.0 keV (n,n') Level

46-Pd-107

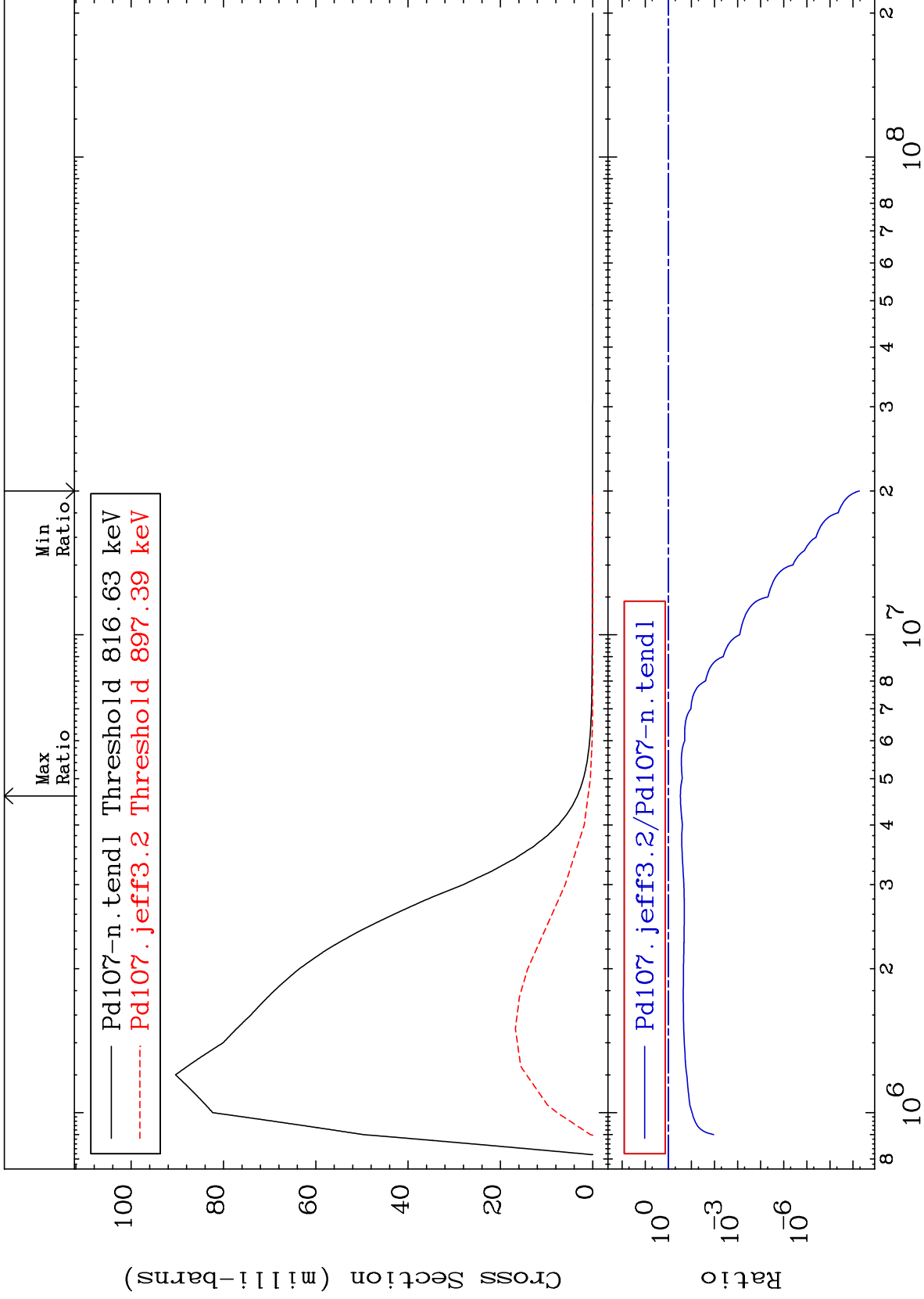
-100.0 To 37.03 %



MAT 4640

809.0 keV (n,n') Level  
Cross Section

46-Pd-107  
-100.0 To -69.89%



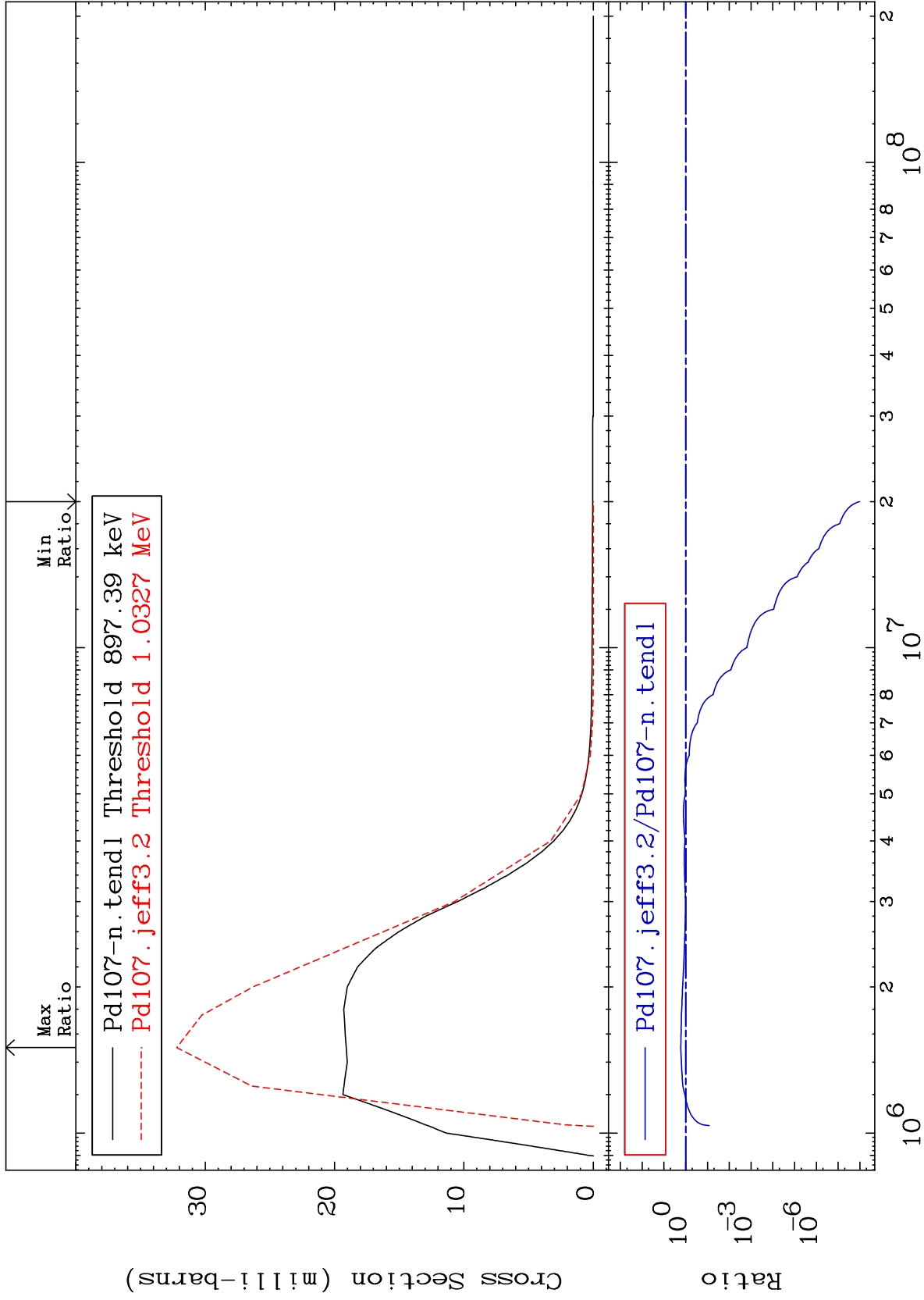
MAT 4640

889.0 keV (n,n') Level

46-Pd-107

-100.0 To 68.59 %

Cross Section



28

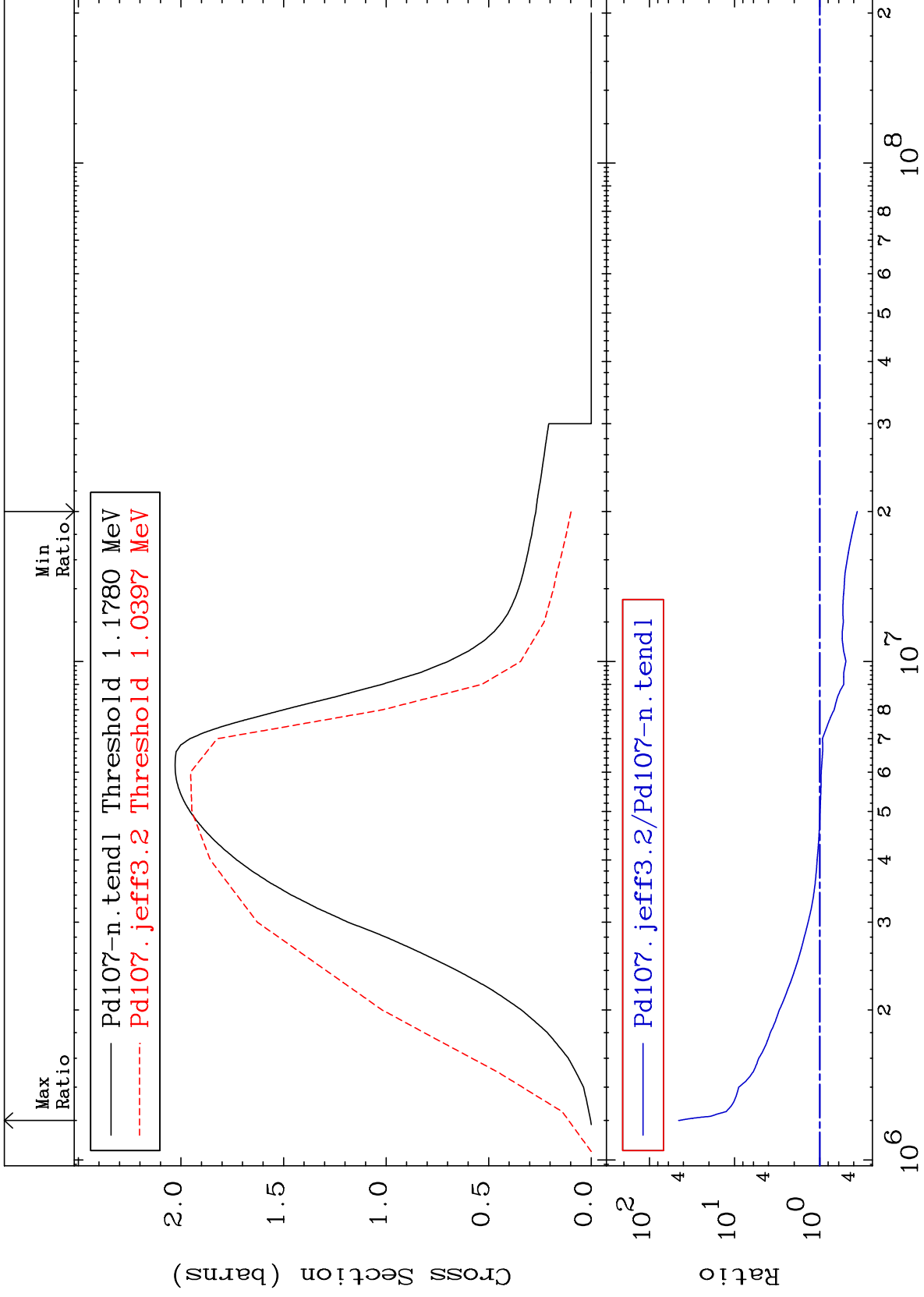
Incident Energy (eV)

46-Pd-107

MAT 4640

(n, n') Continuum  
Cross Section

46-Pd-107  
-63.67 To 4444. %

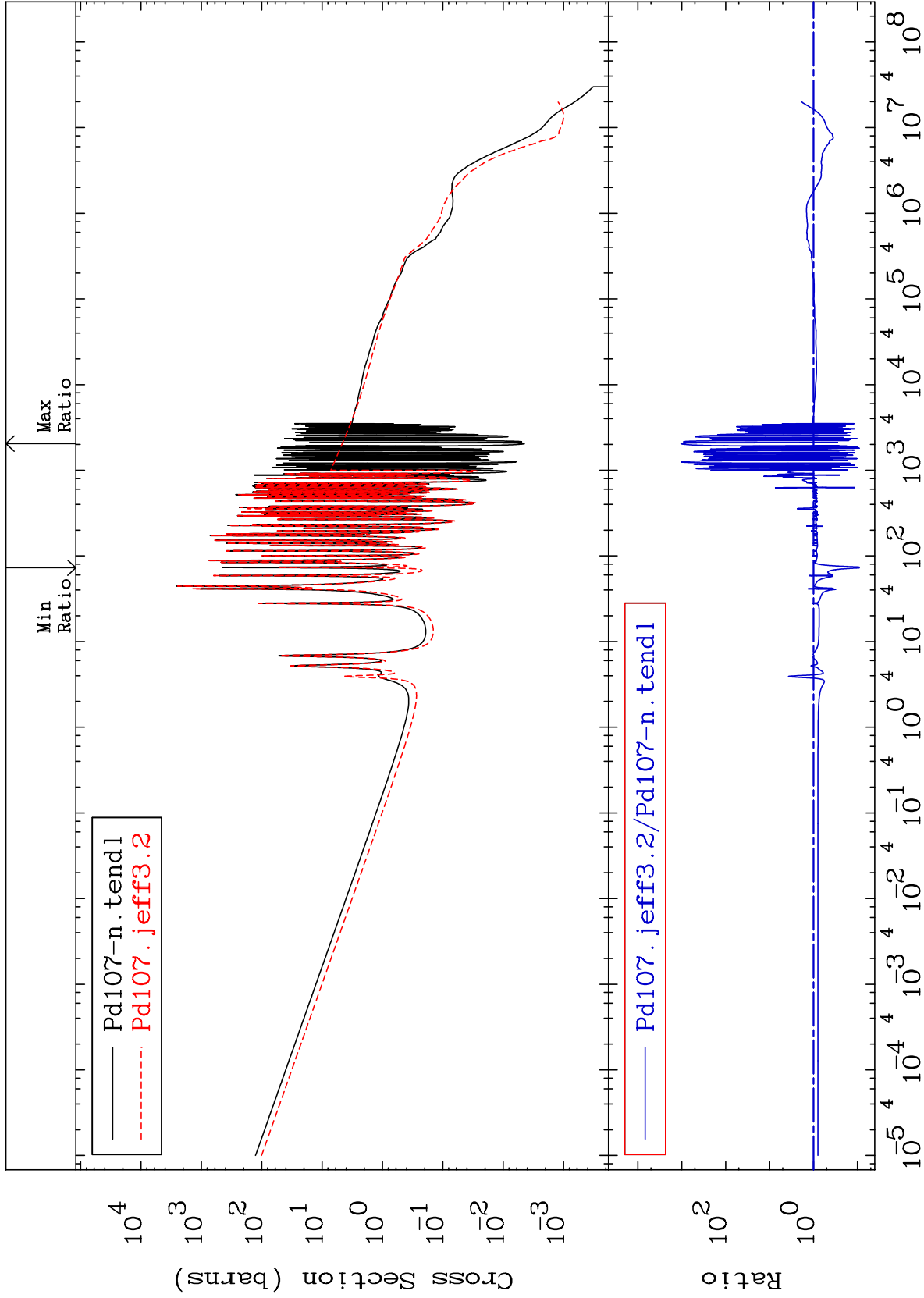


MAT 4640

46-Pd-107

-91.03 To 9999. %

(n,  $\gamma$ )  
Cross Section



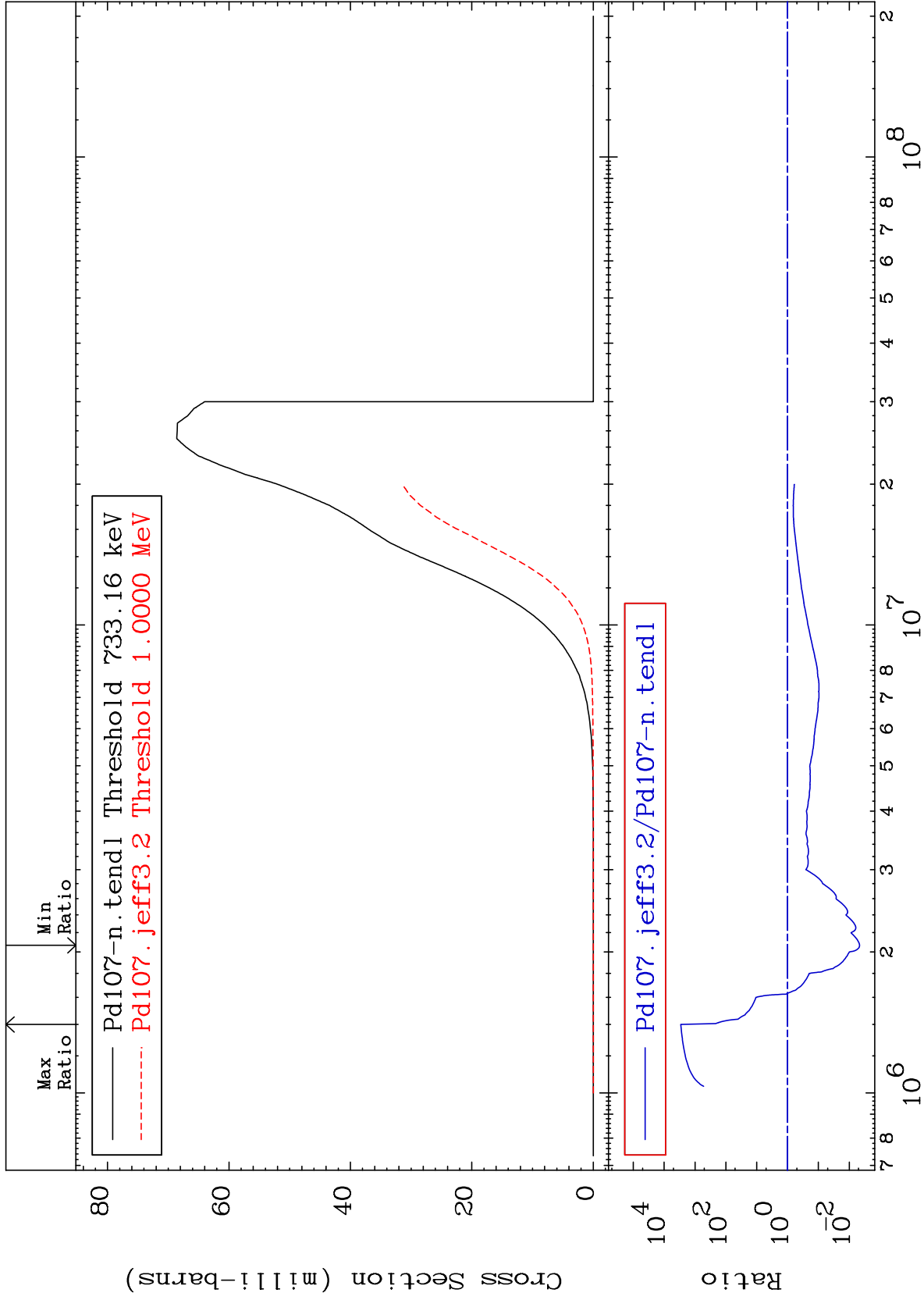
MAT 4640

(n,p)

46-Pd-107

Cross Section

-99.54 To 9999. %



31

Incident Energy (eV)

46-Pd-107

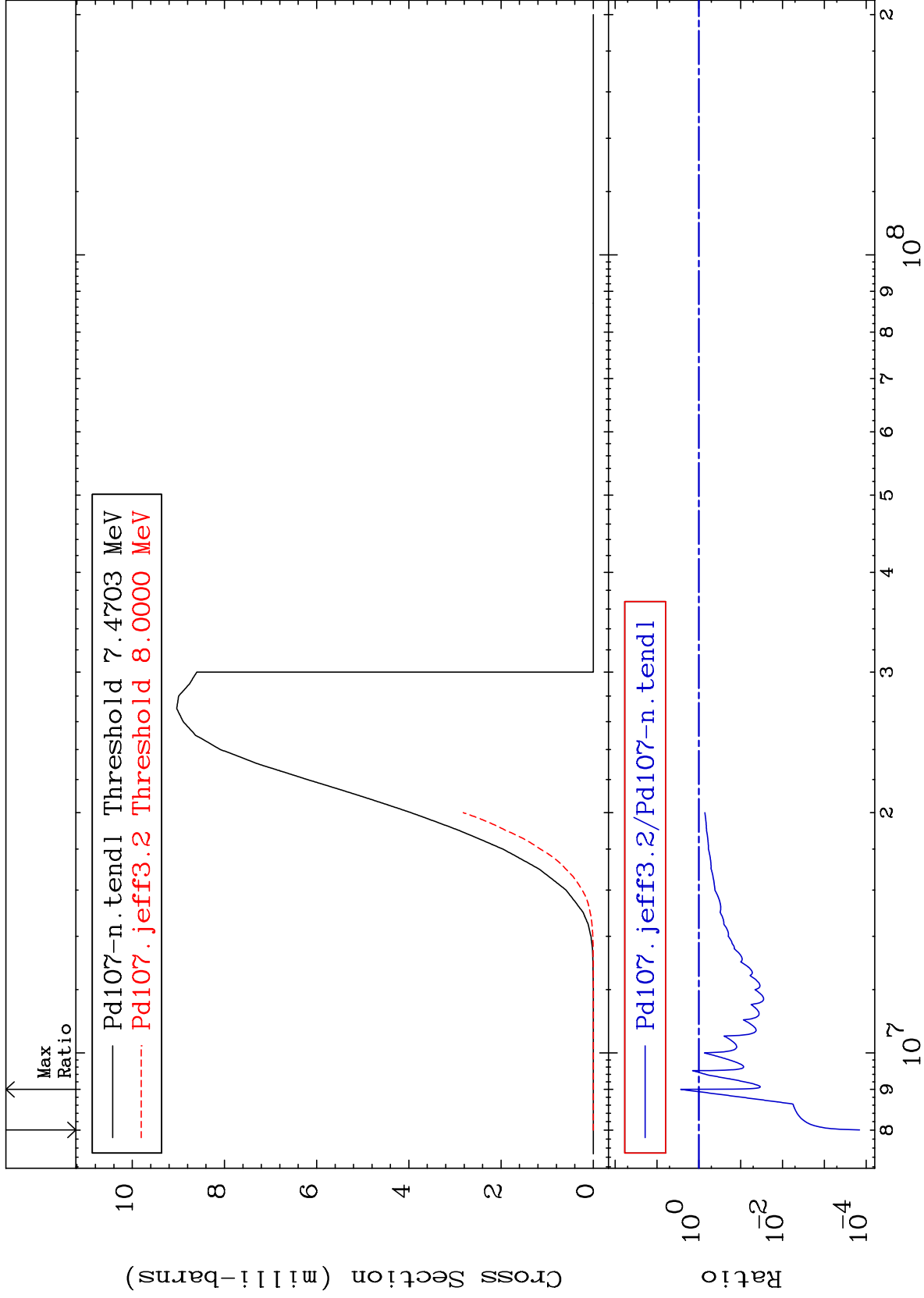




MAT 4640

(n, t)  
Cross Section

46-Pd-107  
-99.99 To 169.0 %



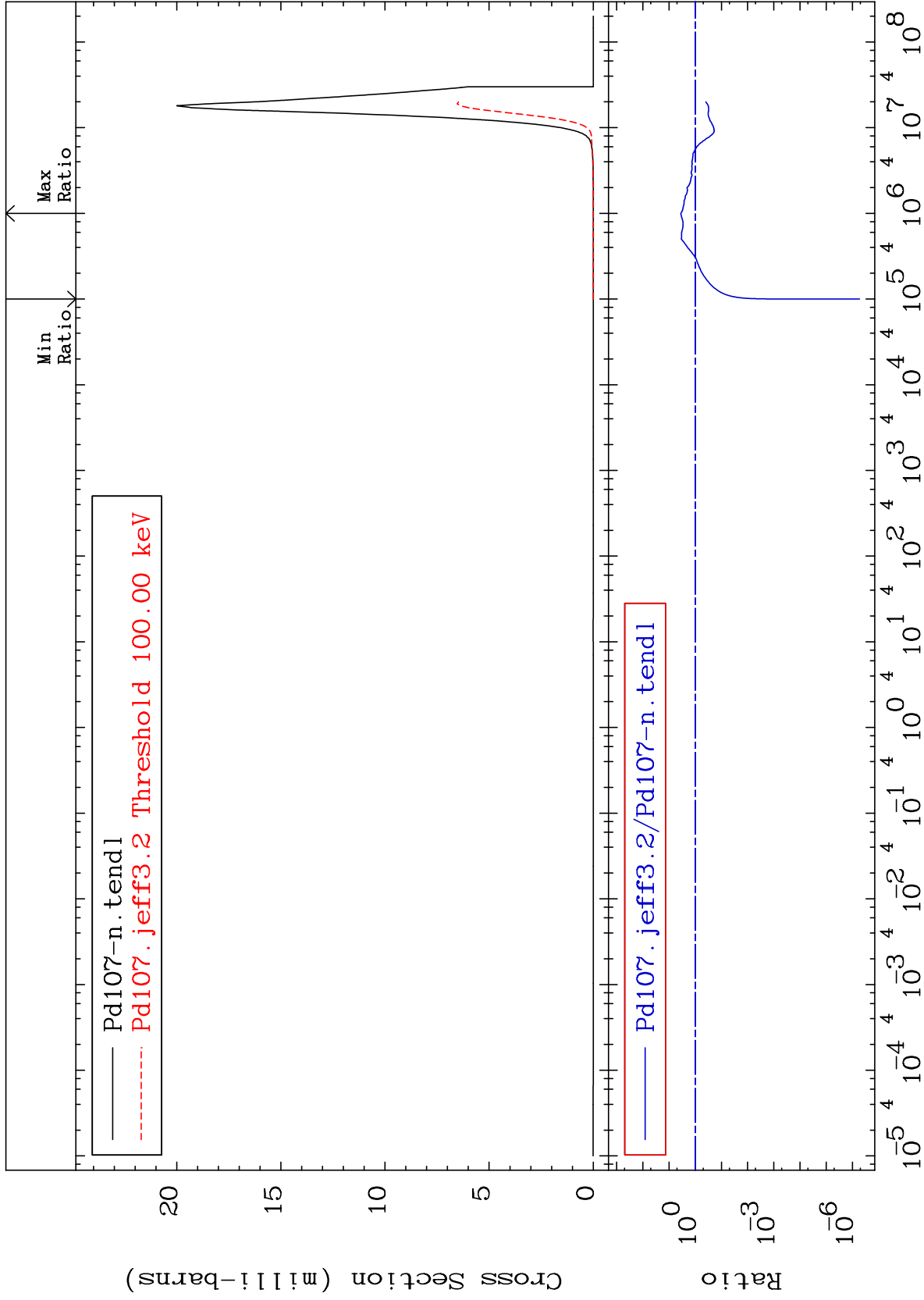
MAT 4640

(n,  $\alpha$ )

46-Pd-107

Cross Section

-100.0 To 257.2 %



34

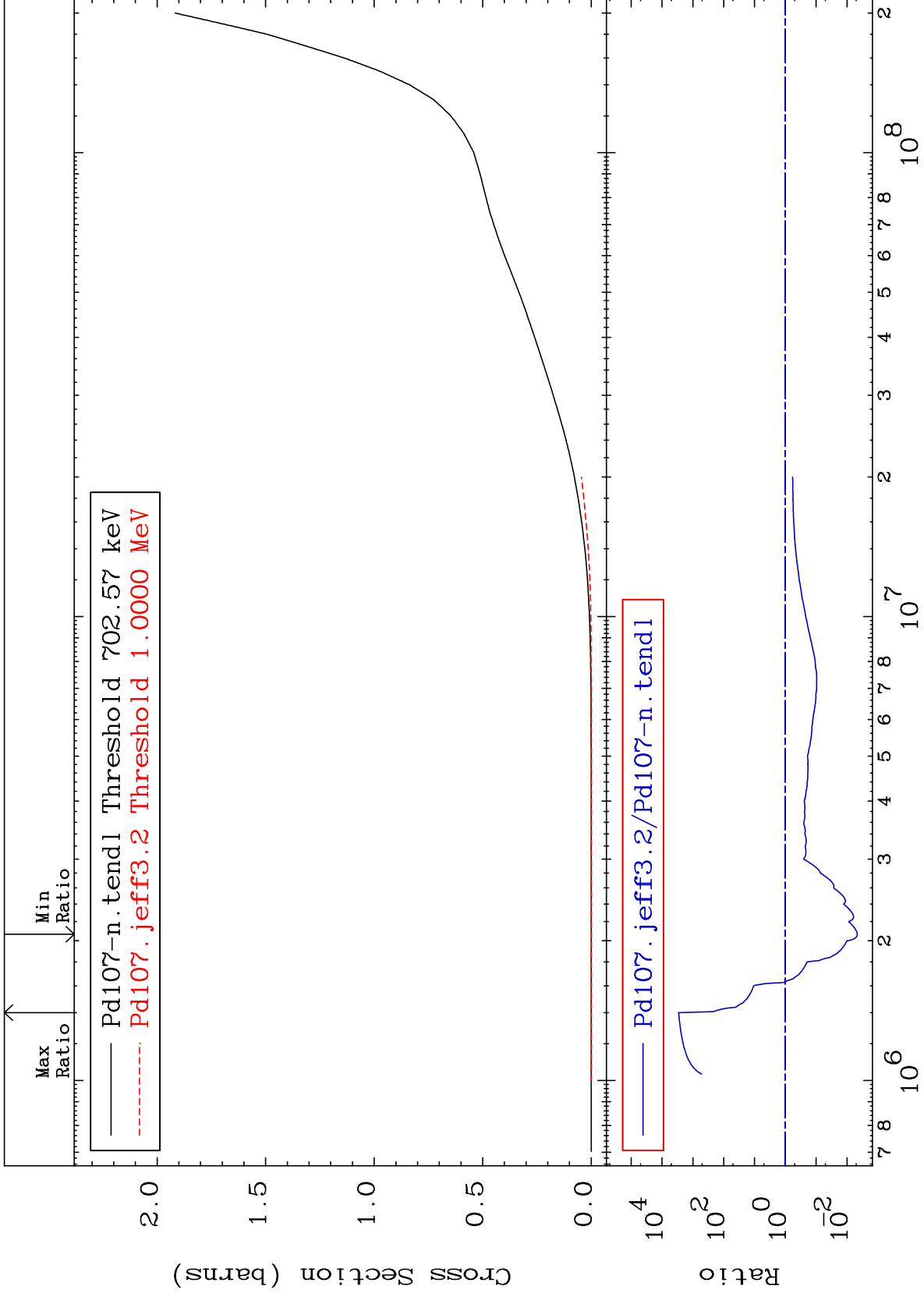
Incident Energy (eV)

46-Pd-107

MAT 4640

Hydrogen Production  
Cross Section

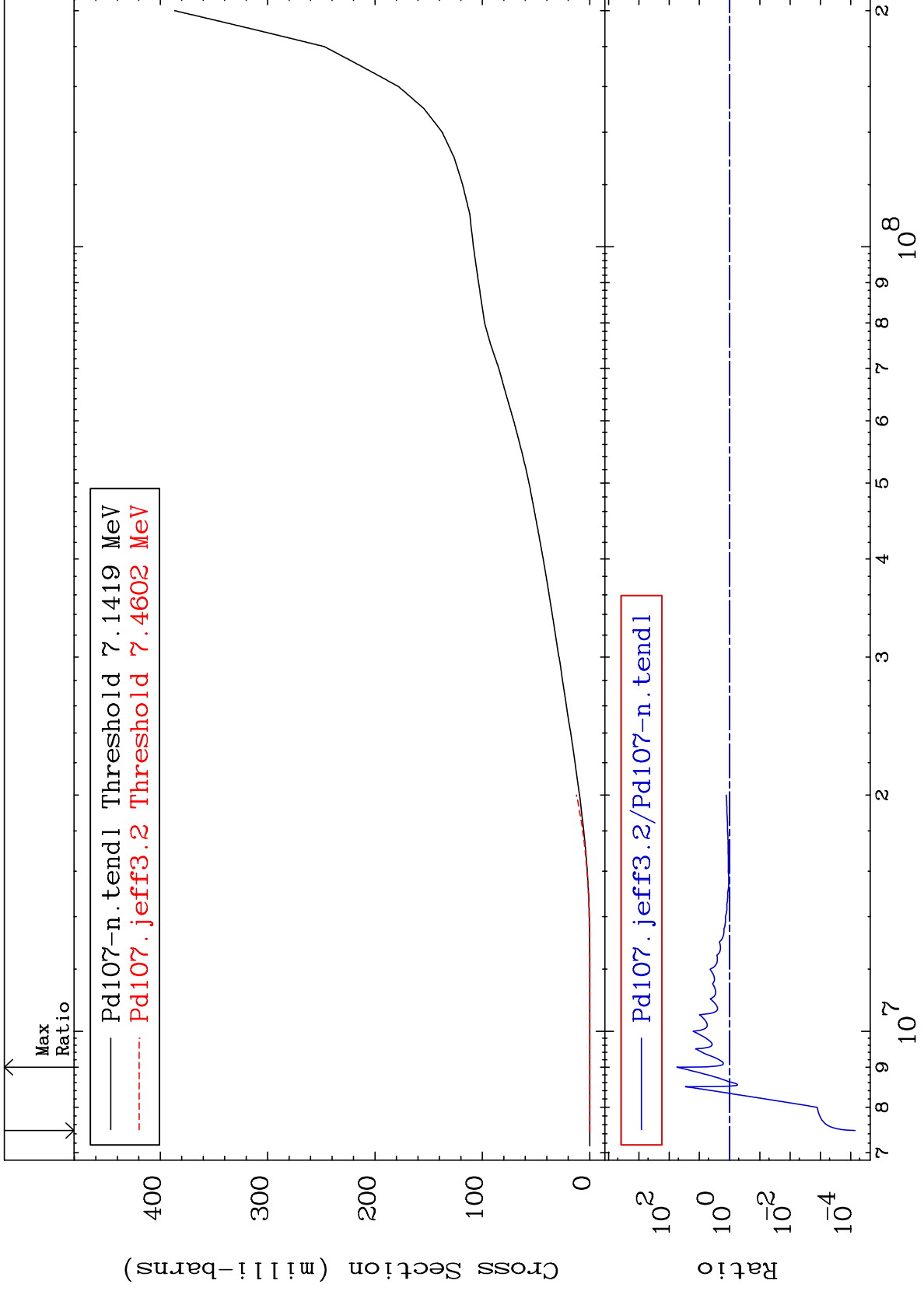
46-Pd-107  
-99.54 To 9999. %



MAT 4640

Deuterium Production  
Cross Section

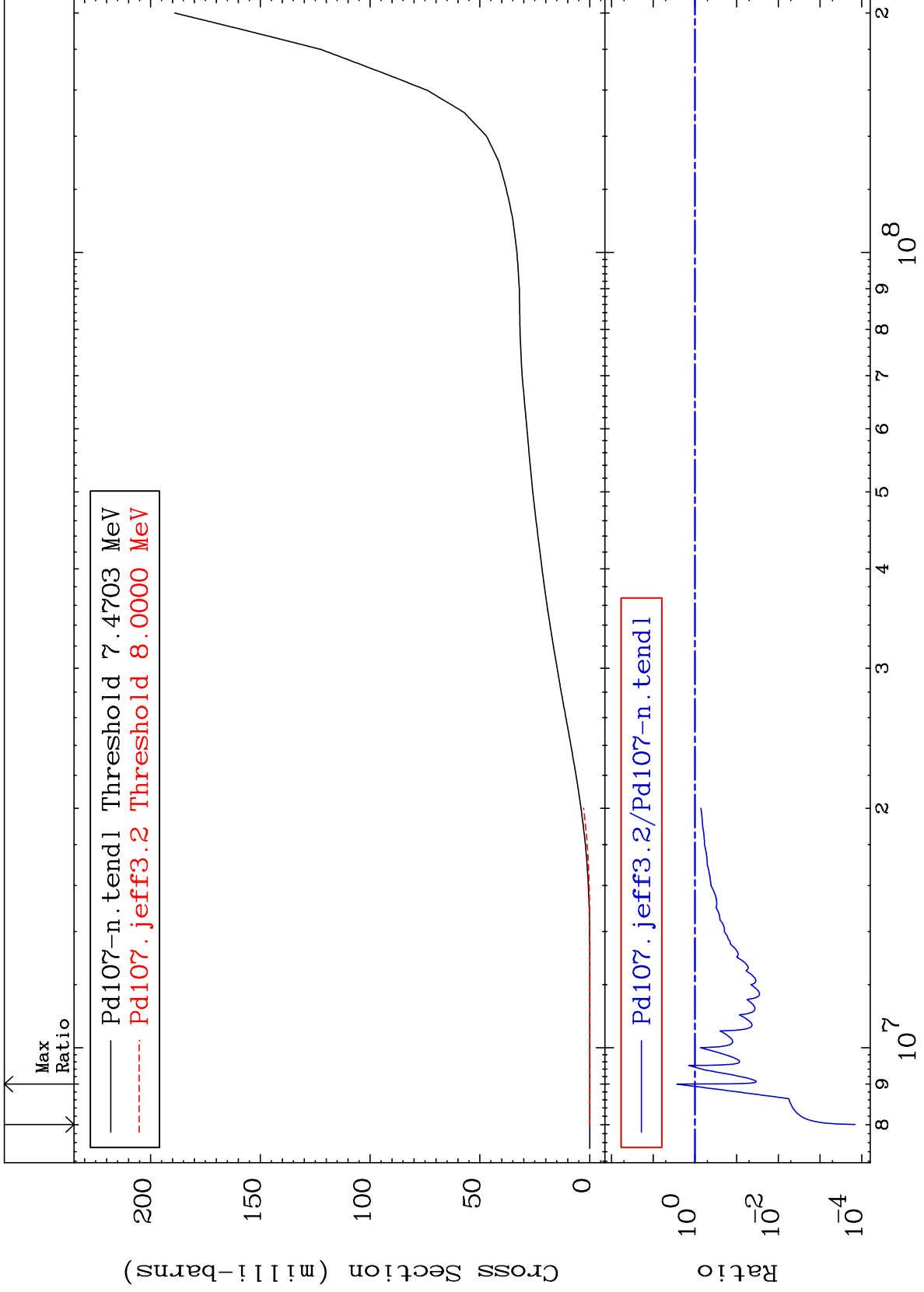
46-Pd-107  
-99.99 To 5427. %



MAT 4640

Tritium Production  
Cross Section

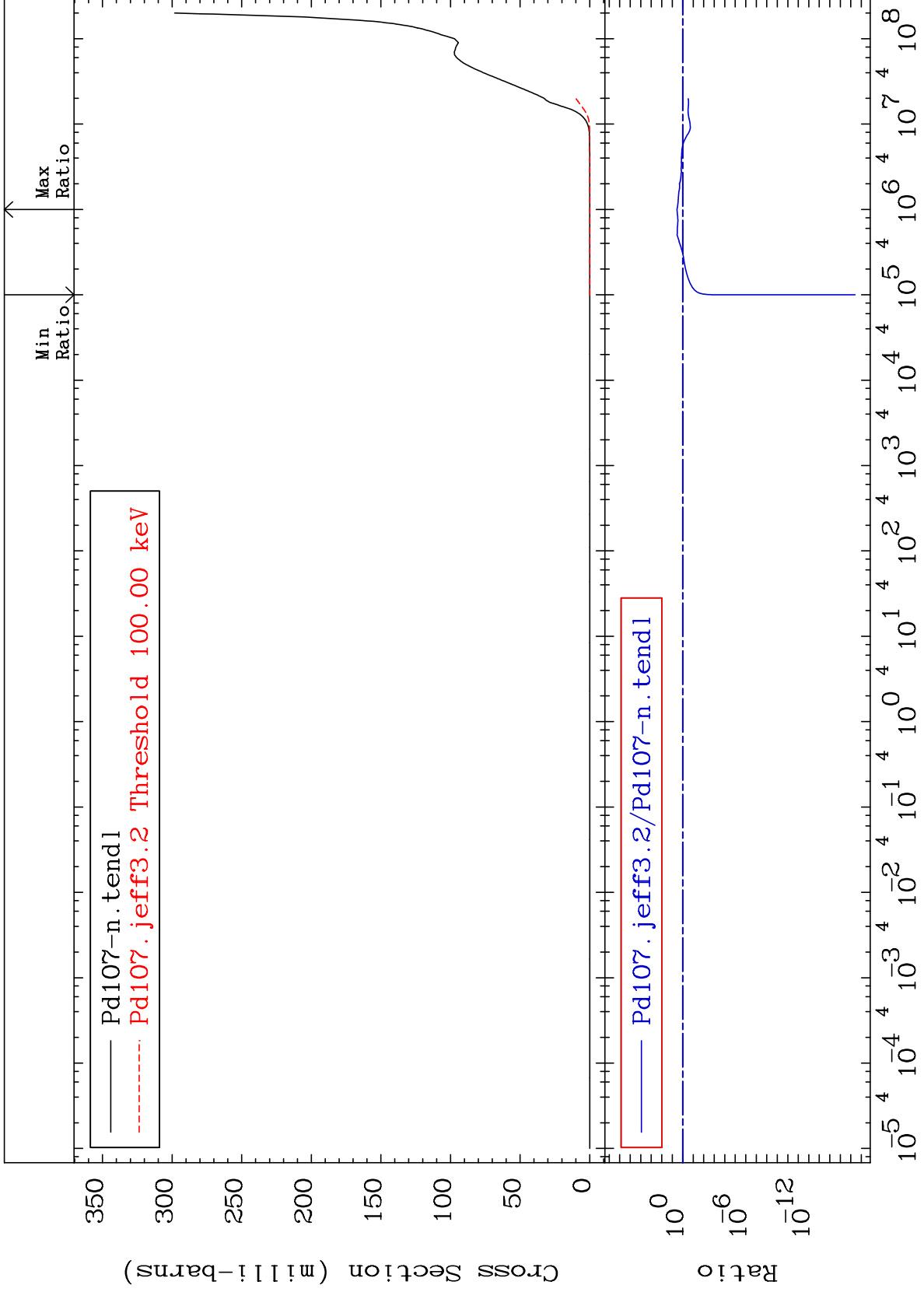
46-Pd-107  
-99.99 To 169.0 %



MAT 4640

He-4 Production  
Cross Section

46-Pd-107  
-100.0 To 257.2 %



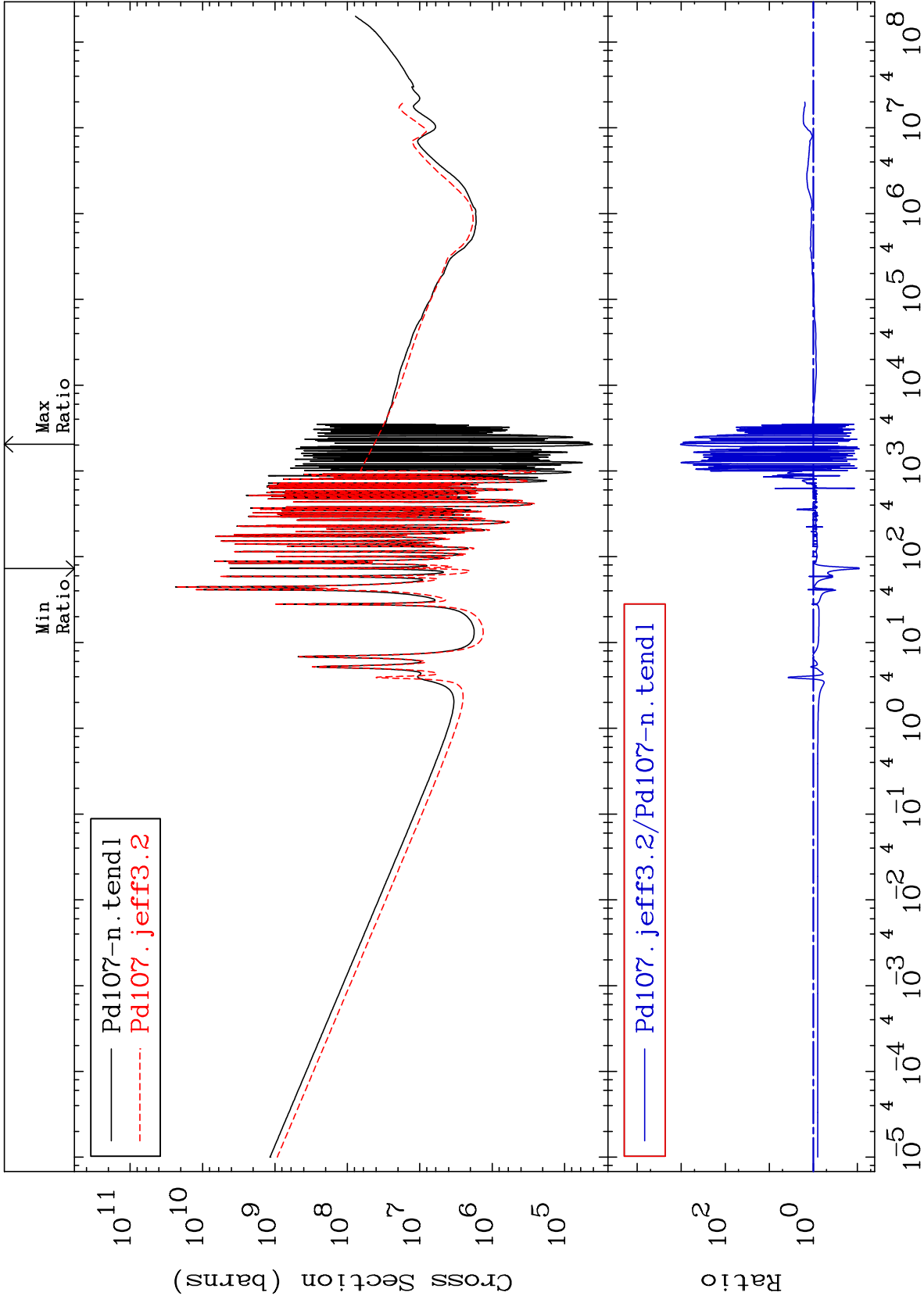
MAT 4640

Kerma total (eV-barns)

46-Pd-107

Cross Section

-91.03 To 9999. %



39

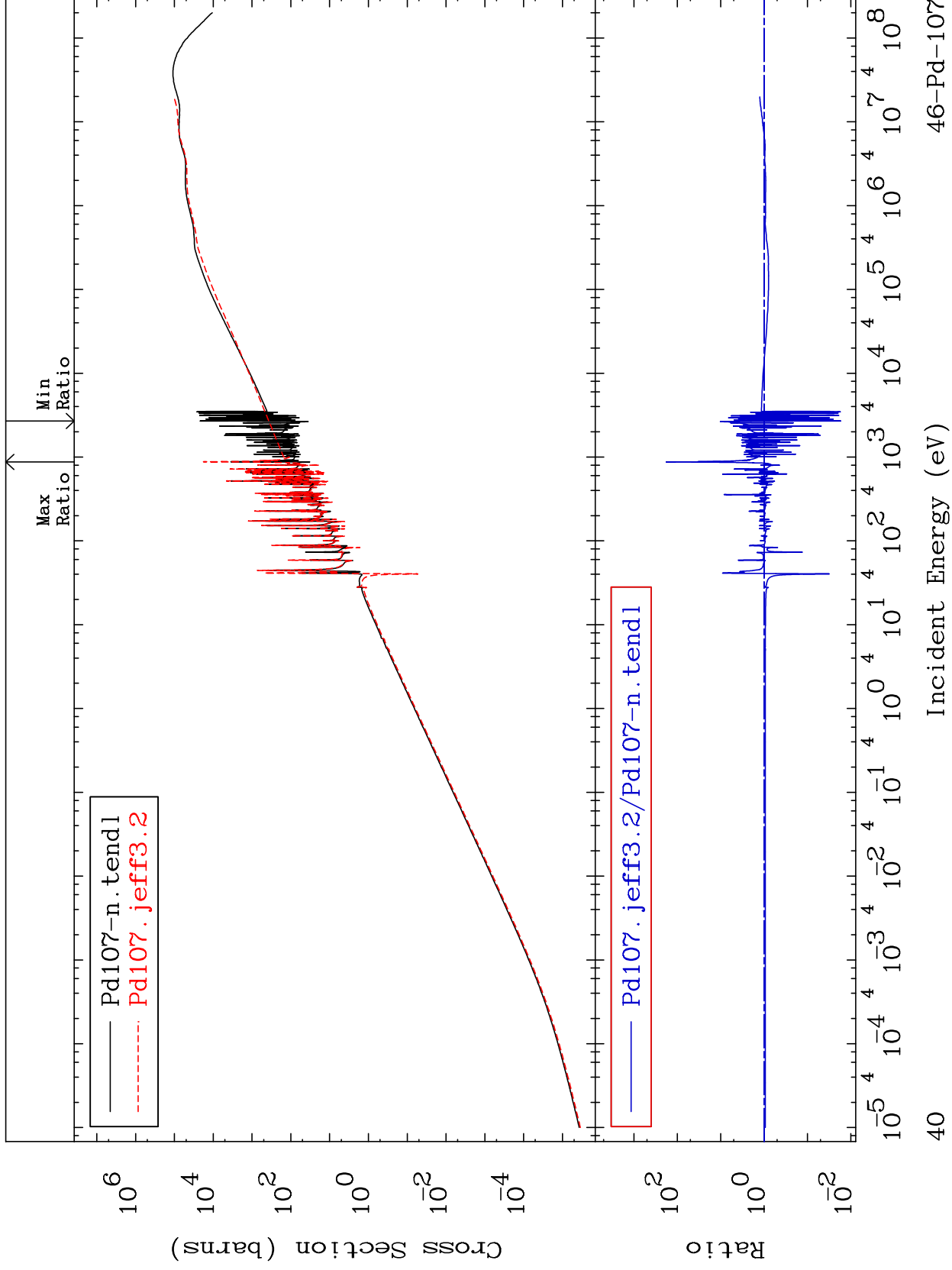
Incident Energy (eV)

46-Pd-107

MAT 4640

Kerma elastic  
Cross Section

46-Pd-107  
-98.31 To 9999. %

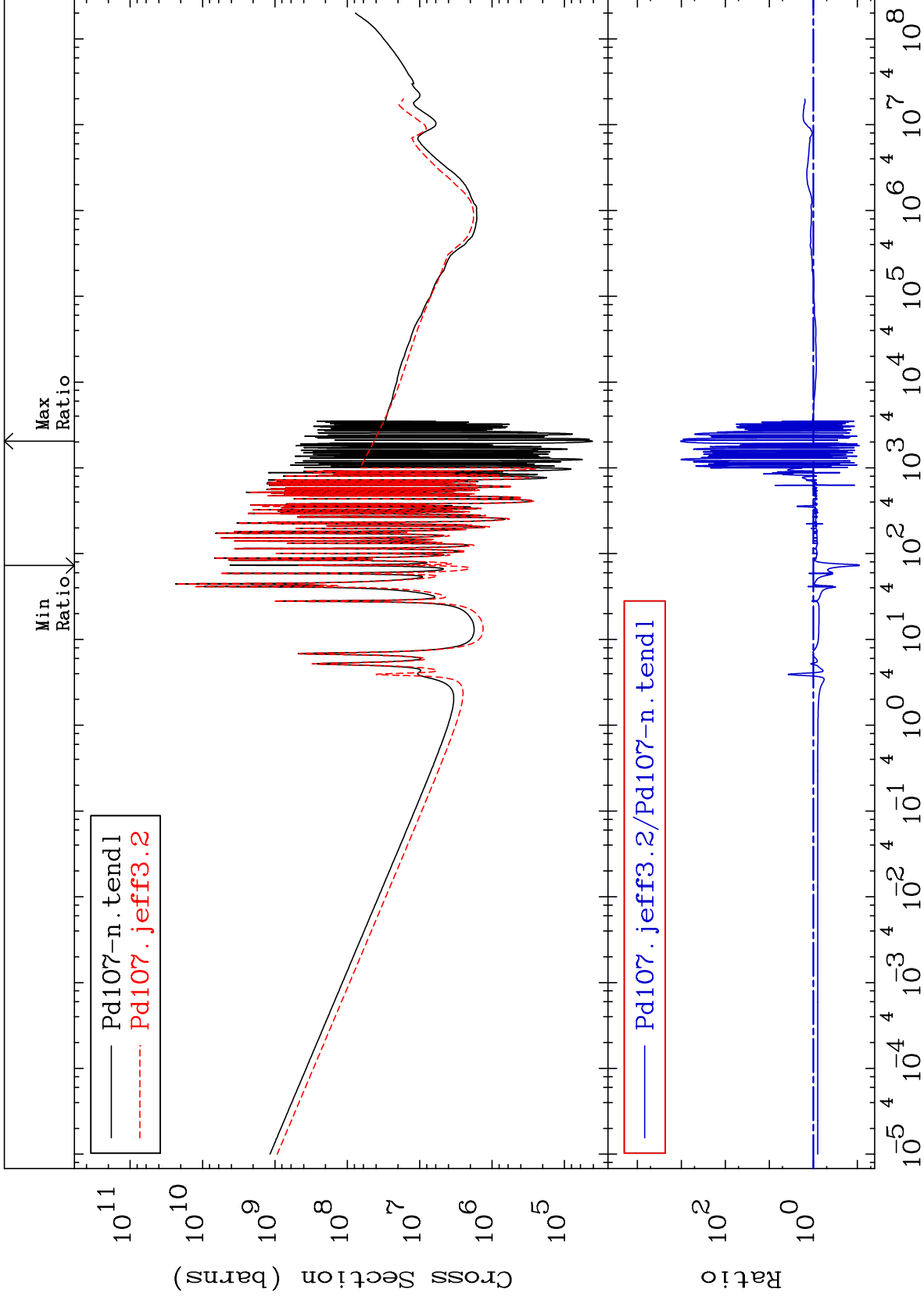


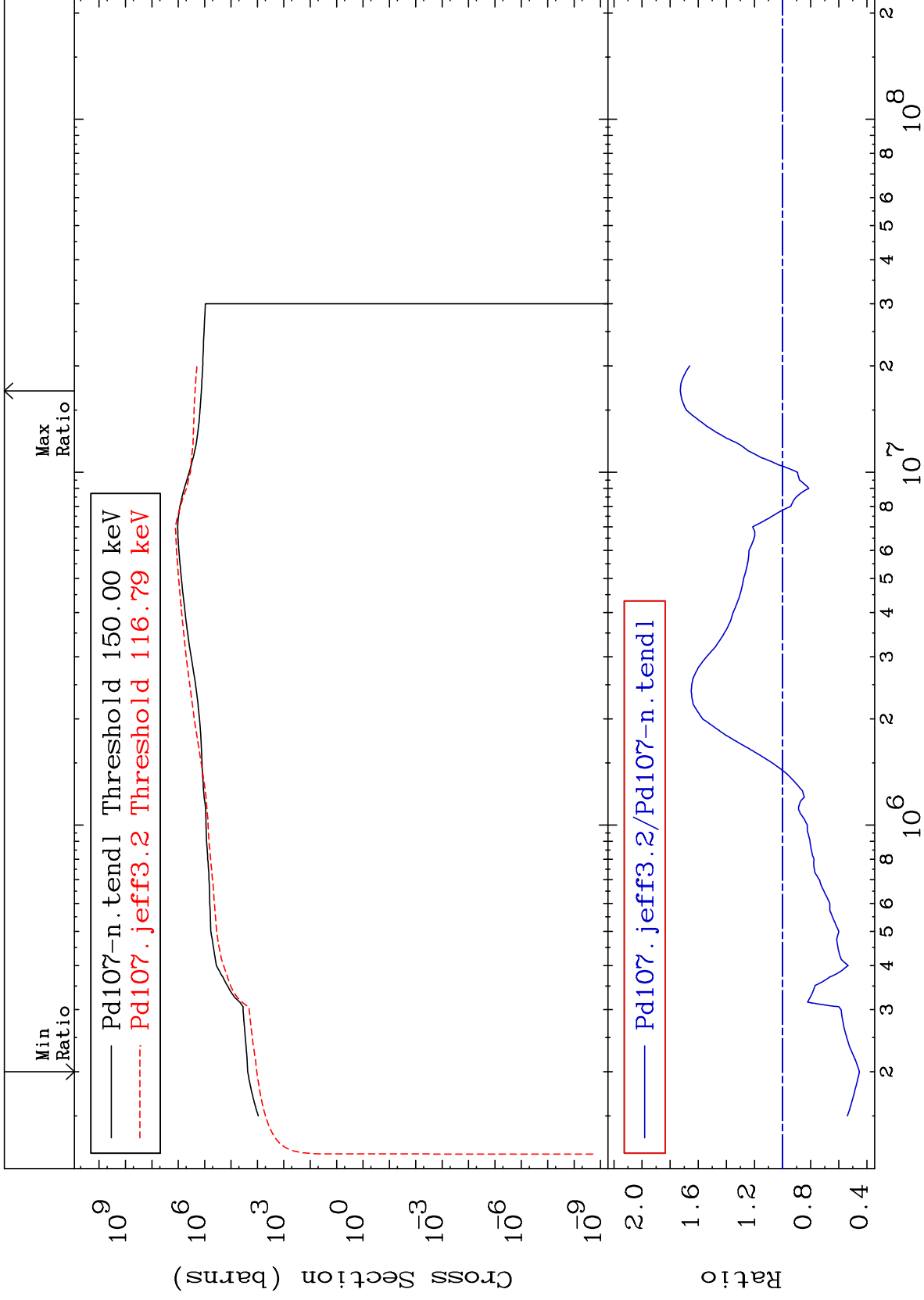
40

Incident Energy (eV)

46-Pd-107



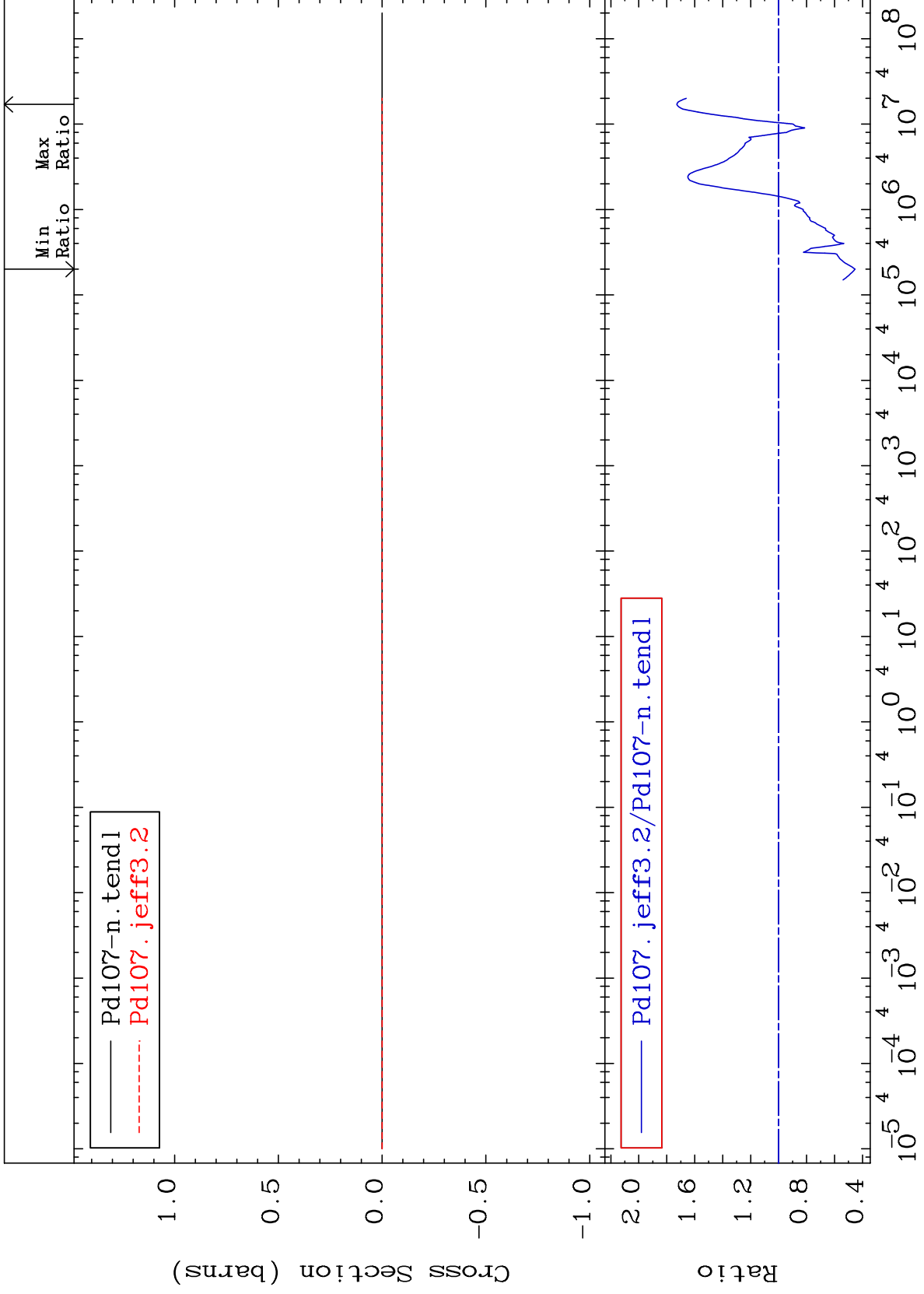




MAT 4640

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

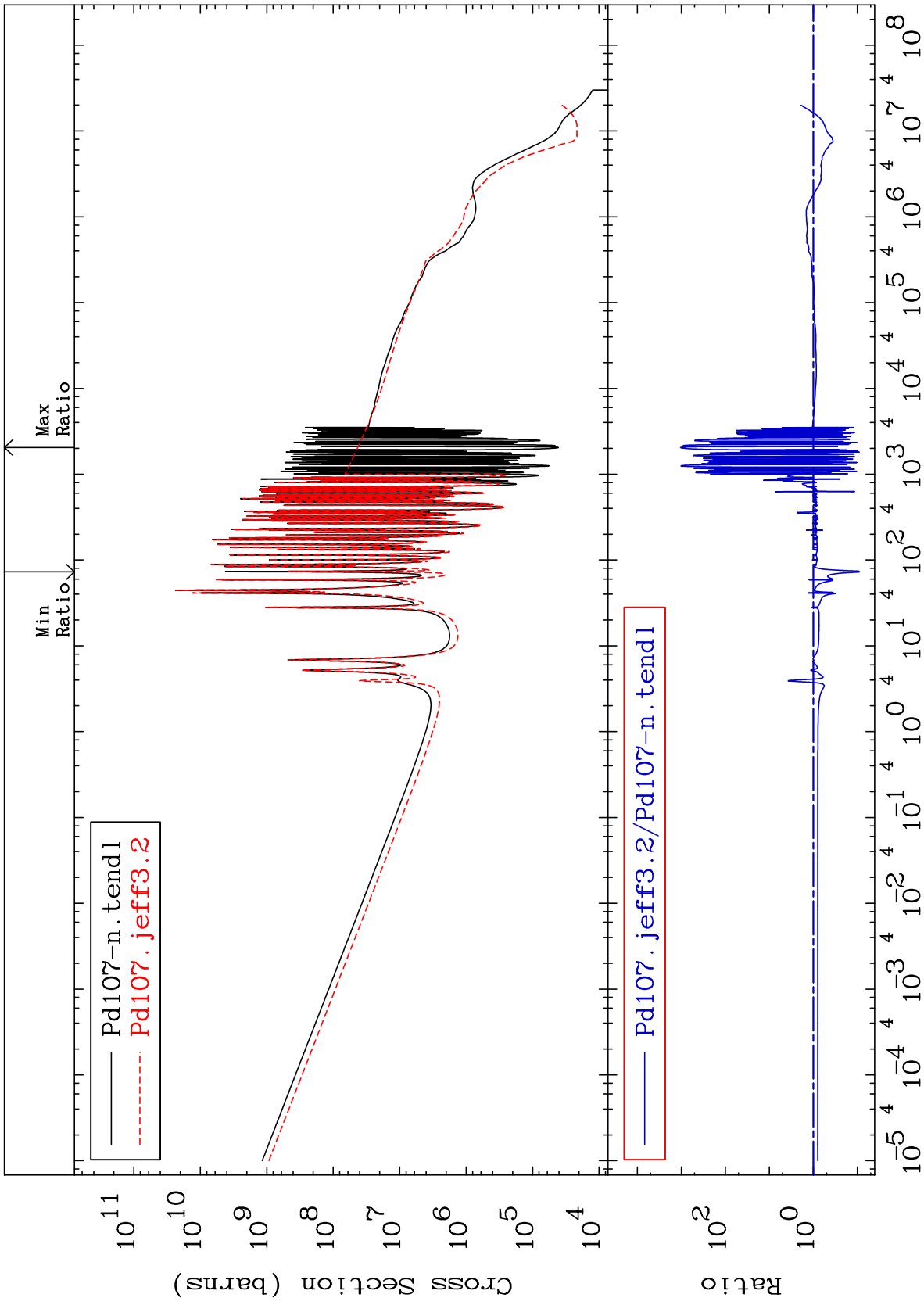
46-Pd-107  
-54.70 To 72.72 %



MAT 4640

Kerma capture (mt102)  
Cross Section

46-Pd-107  
-91.03 To 9999. %



44

Incident Energy (eV)

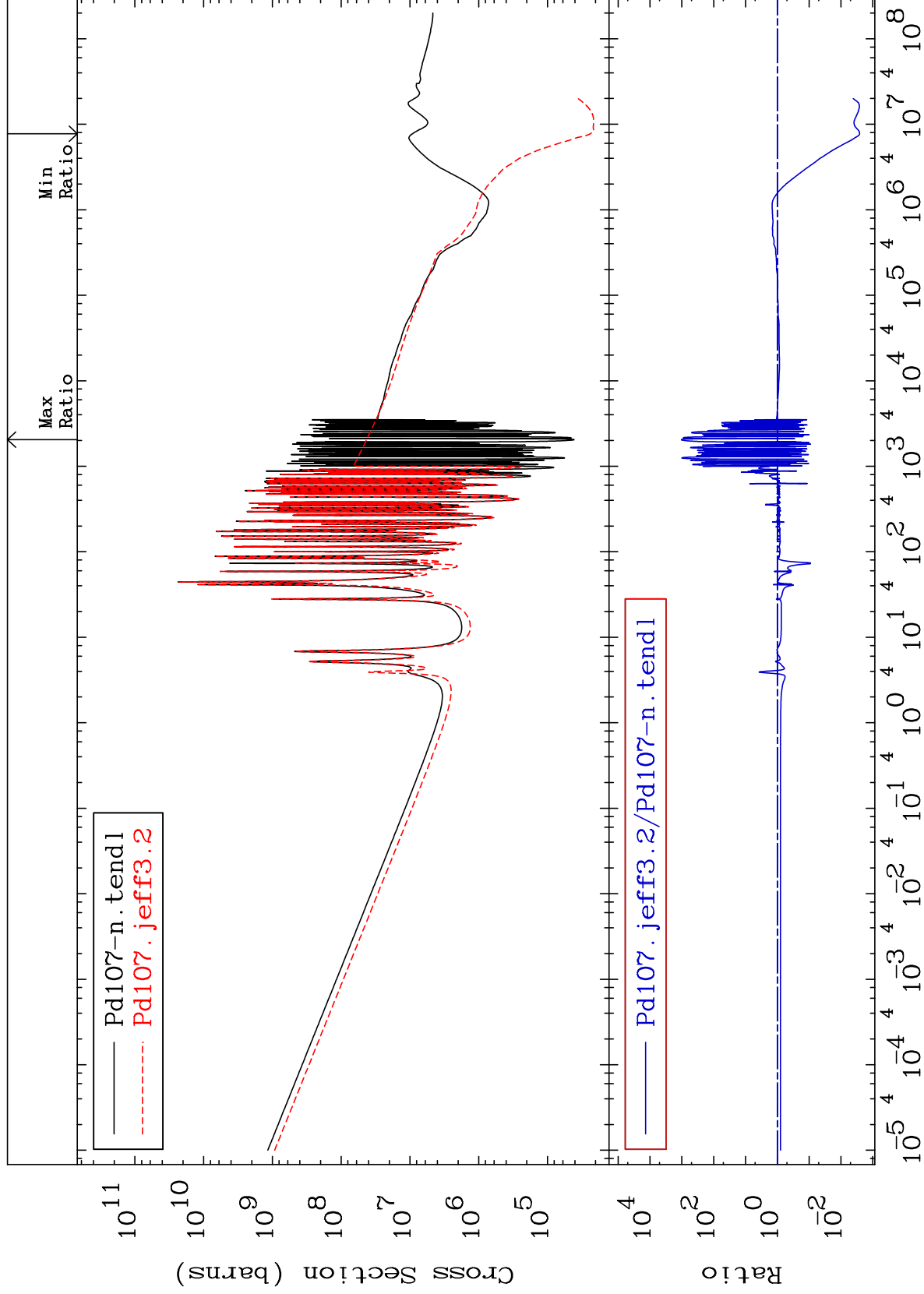
46-Pd-107

MAT 4640

Total photon (eV-barns)  
Cross Section

46-Pd-107

-99.74 To 9999. %



45

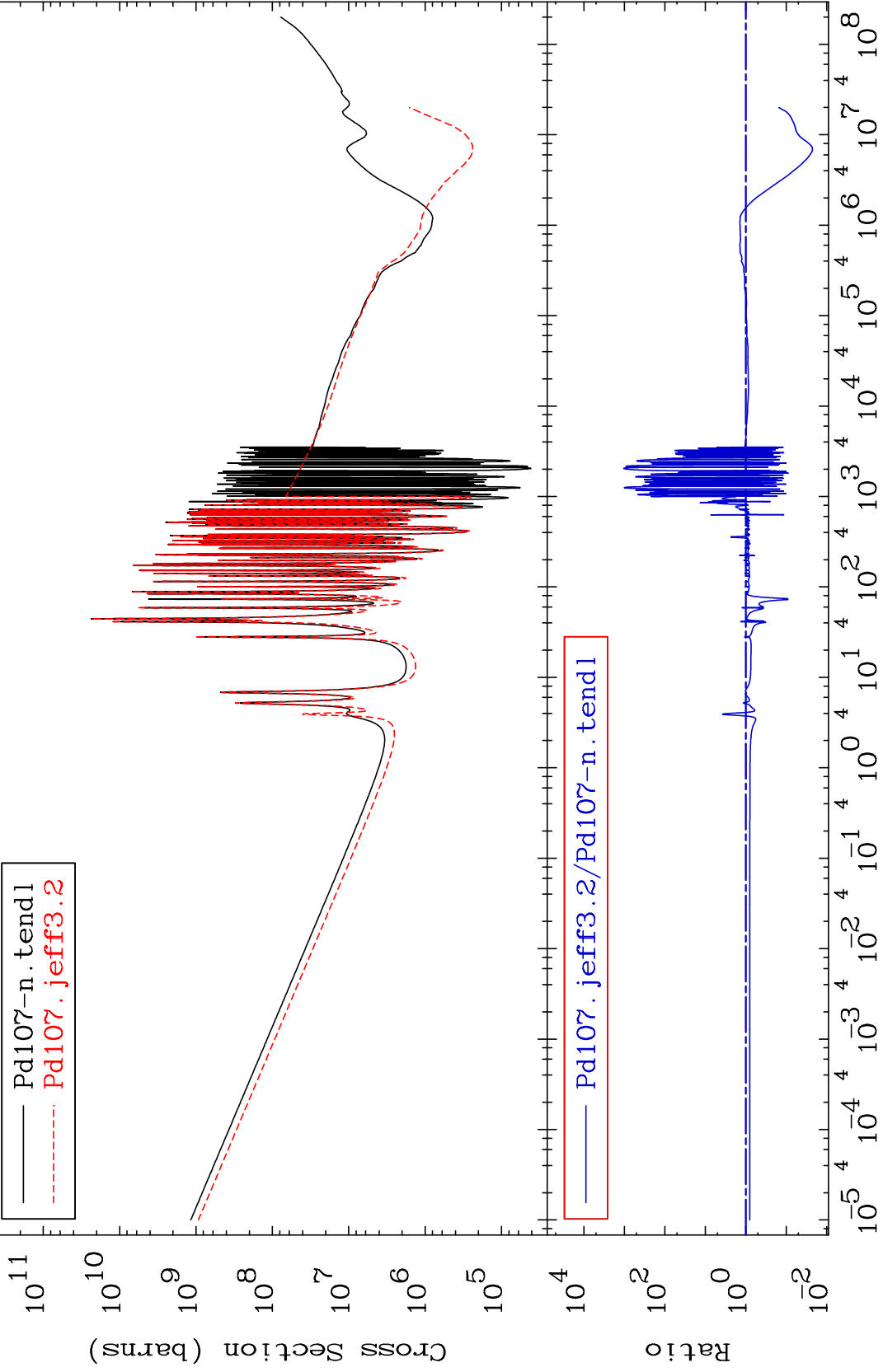
Incident Energy (eV)

46-Pd-107

MAT 4640

Total kinematic kerma (high limit)  
Cross Section

46-Pd-107  
-97.74 To 9999. %



46

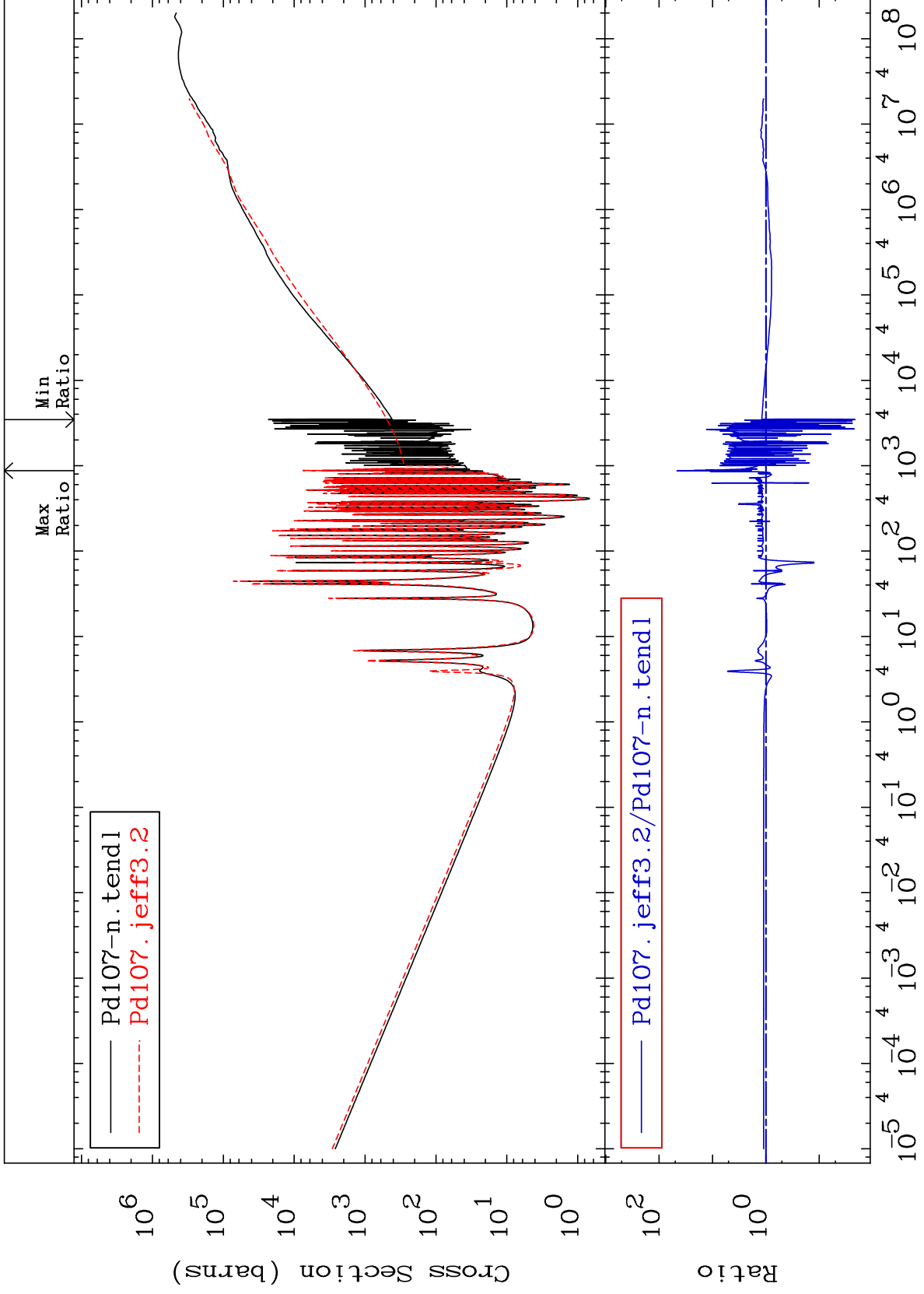
Incident Energy (eV)

46-Pd-107

MAT 4640

Dpa total (eV-barns)  
Cross Section

46-Pd-107  
-97.87 To 4536. %



47

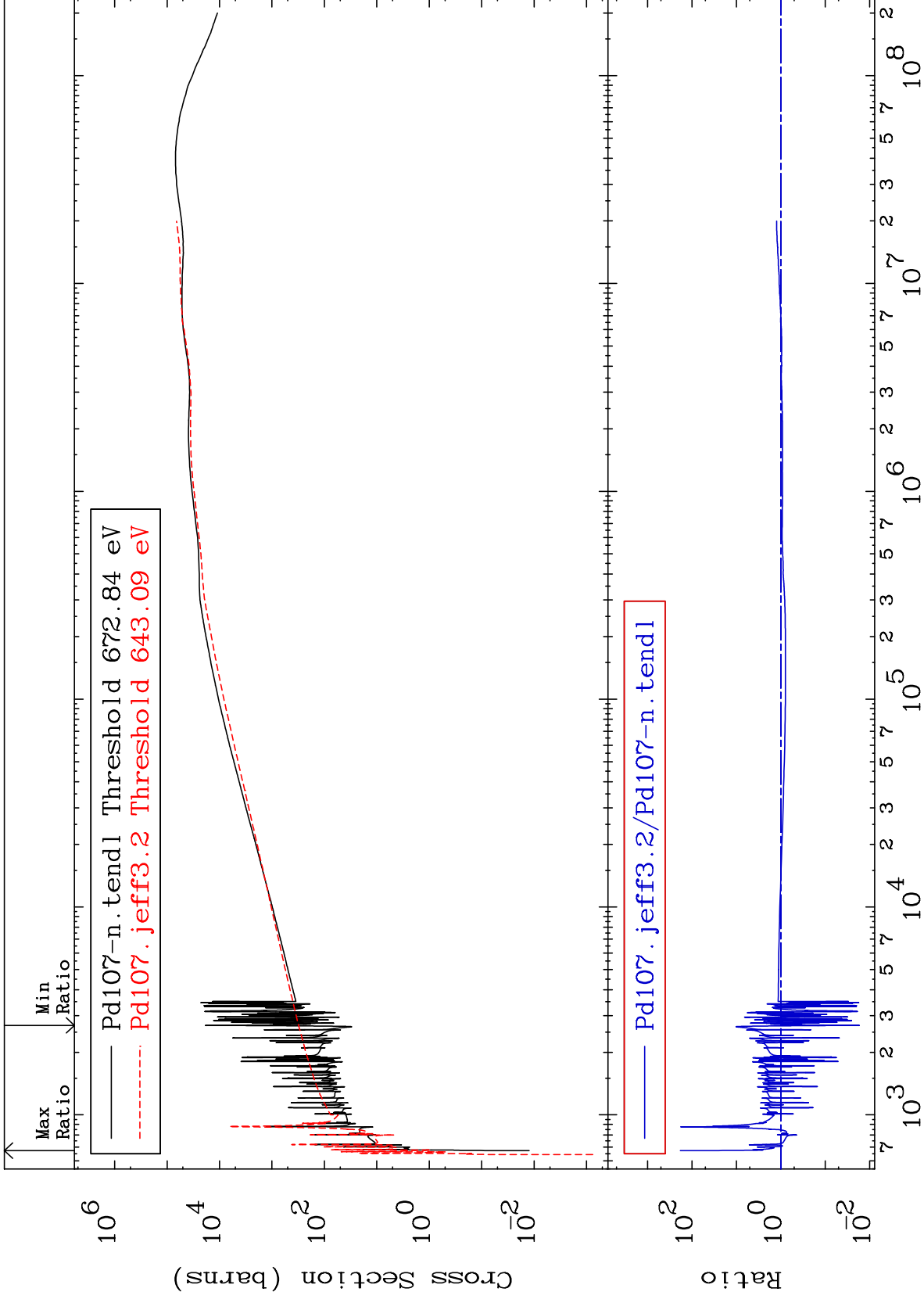
Incident Energy (eV)

46-Pd-107

MAT 4640

Dpa elastic (mt2)  
Cross Section

46-Pd-107  
-98.31 To 9999. %

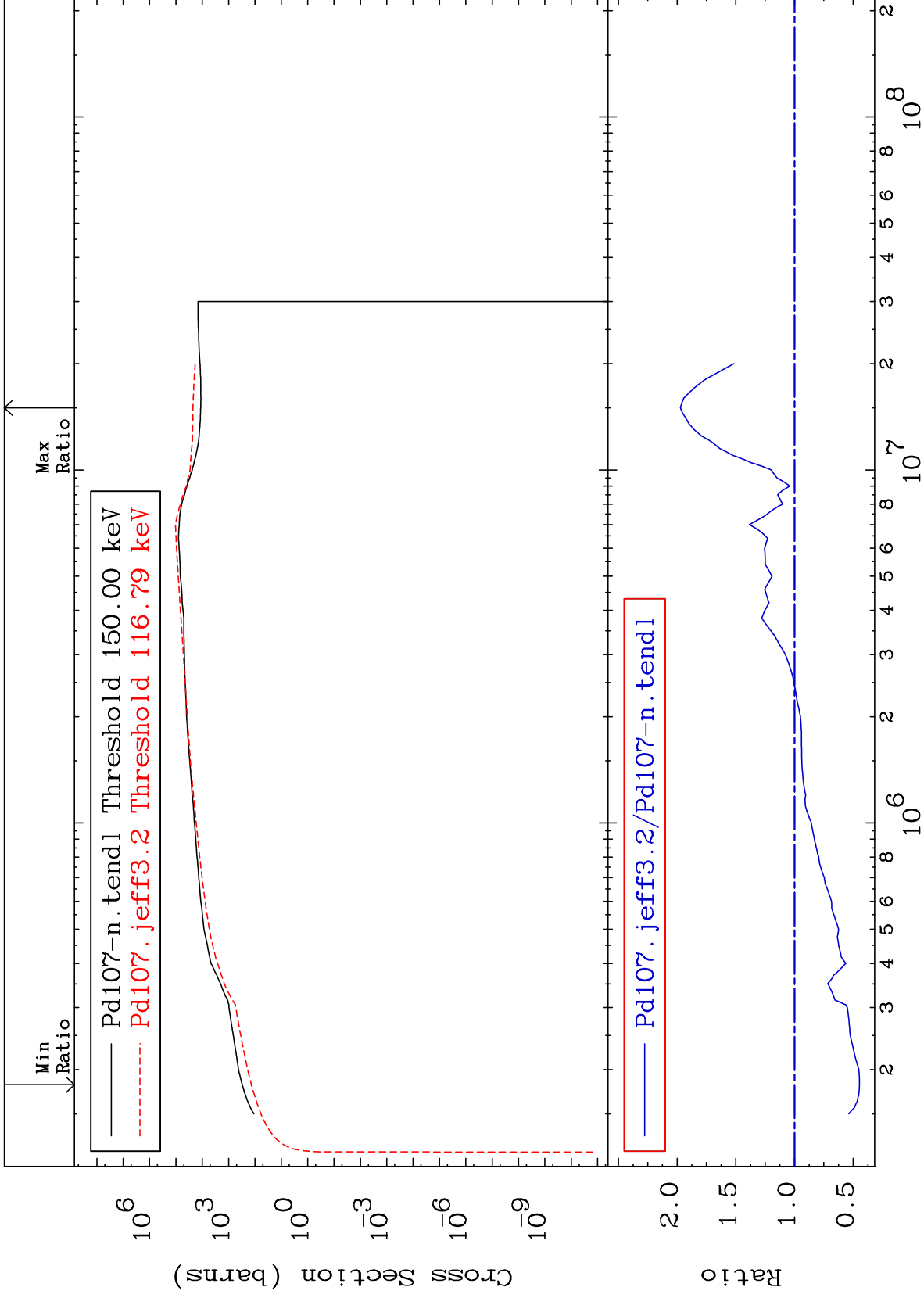




MAT 4640

Dpa inelastic (mt51-91)  
Cross Section

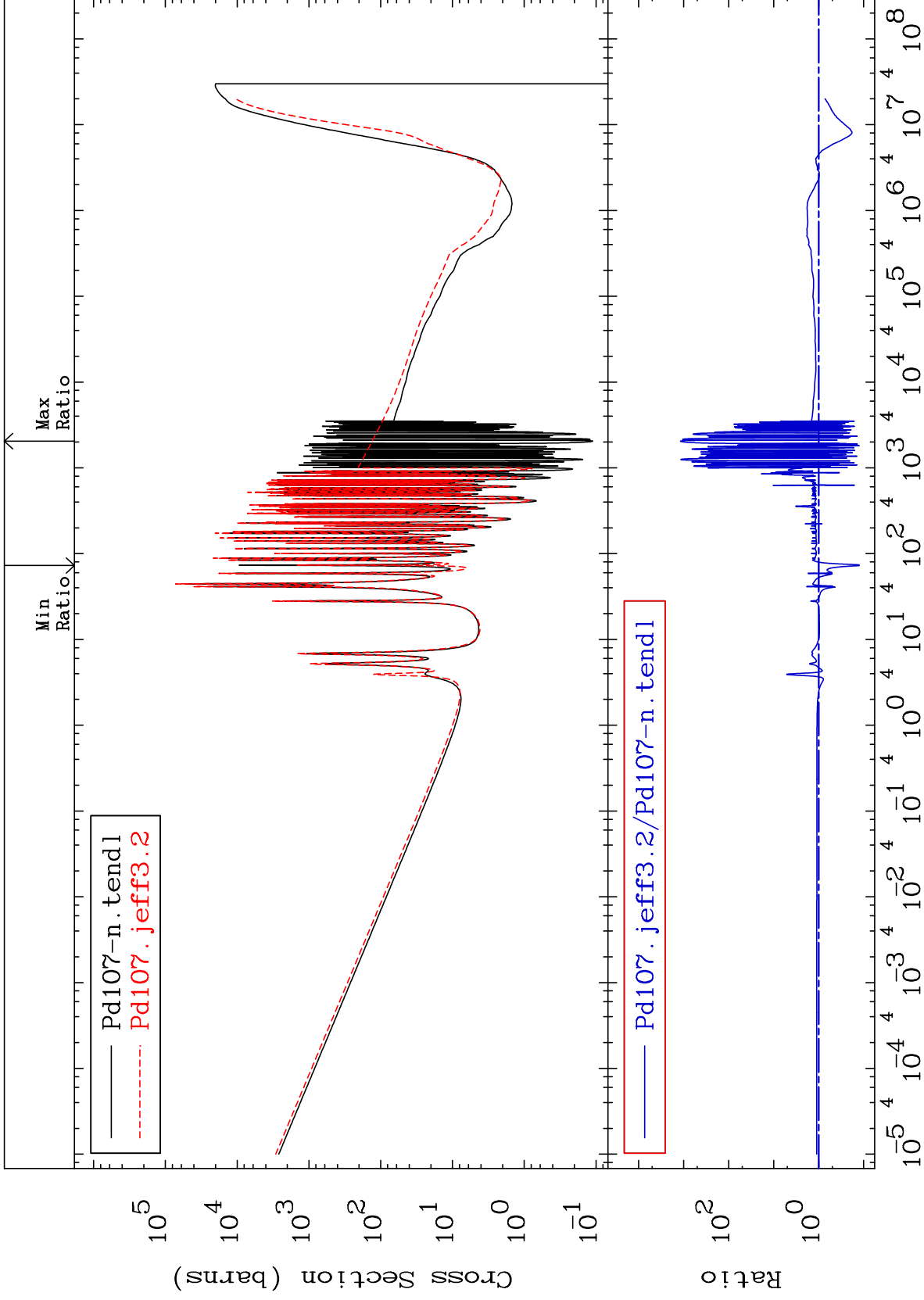
46-Pd-107  
-55.30 To 97.24 %



MAT 4640

Dpa disappearance (mt102 -120)  
Cross Section

46-Pd-107  
-87.57 To 9999. %



50

Incident Energy (eV)

46-Pd-107