

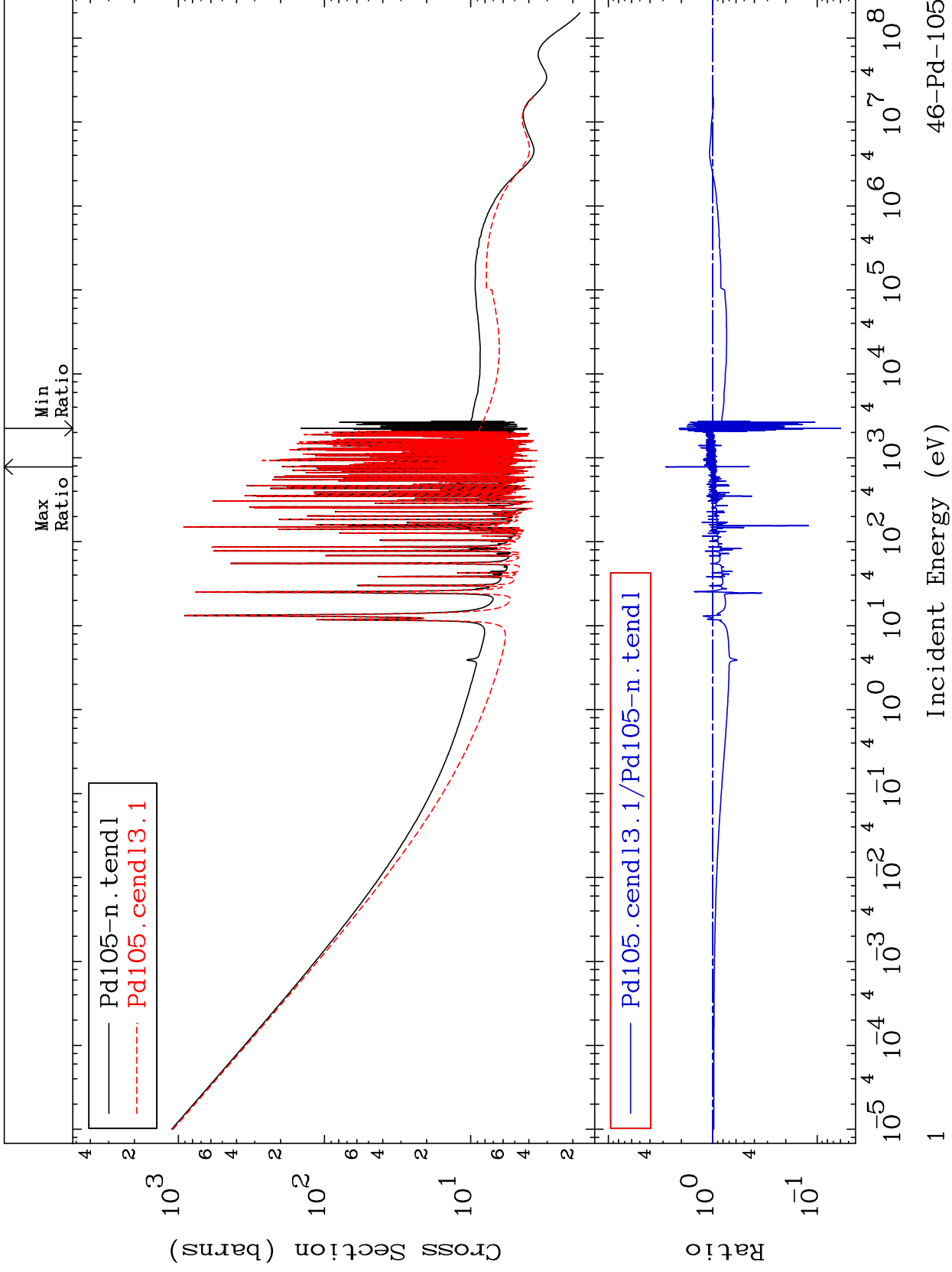
MAT 4634

Total

46-Pd-105

Cross Section

-94.04 To 183.9 %



Incident Energy (eV)

46-Pd-105

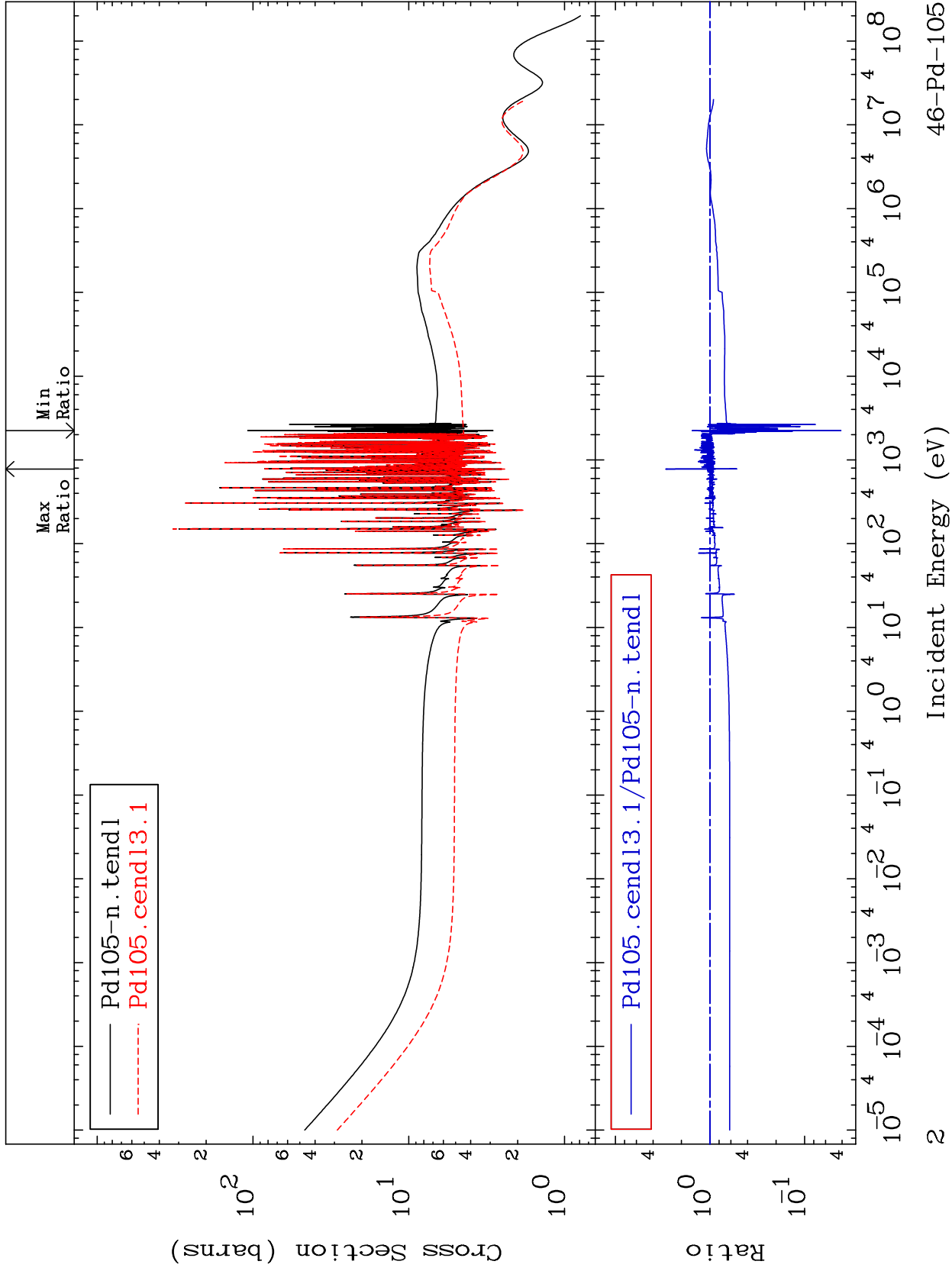
MAT 4634

Elastic

46-Pd-105

Cross Section

-95.87 To 191.9 %



46-Pd-105

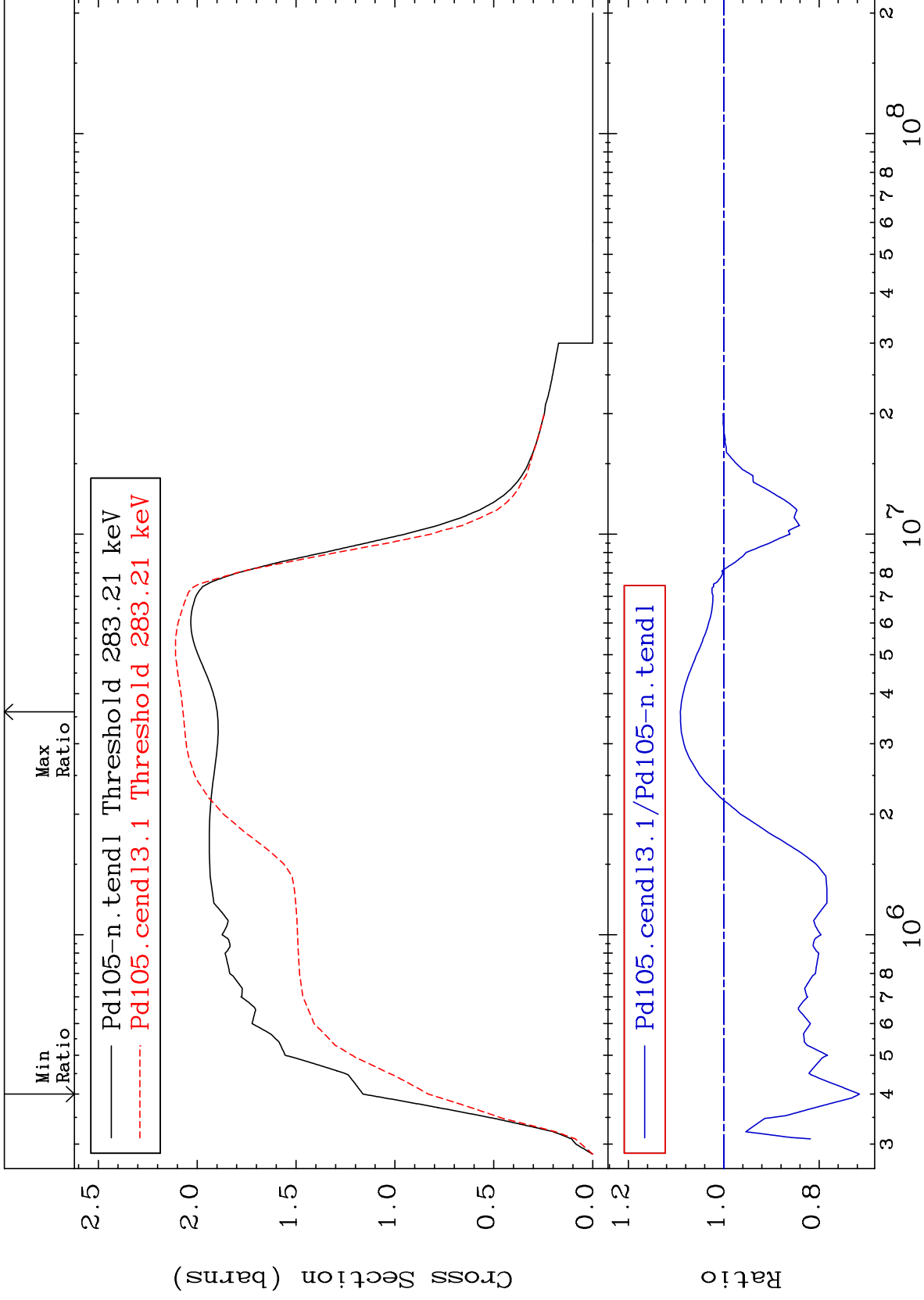
Incident Energy (eV)

2

MAT 4634

Inelastic  
Cross Section

46-Pd-105  
-28.44 To 9.109 %



3

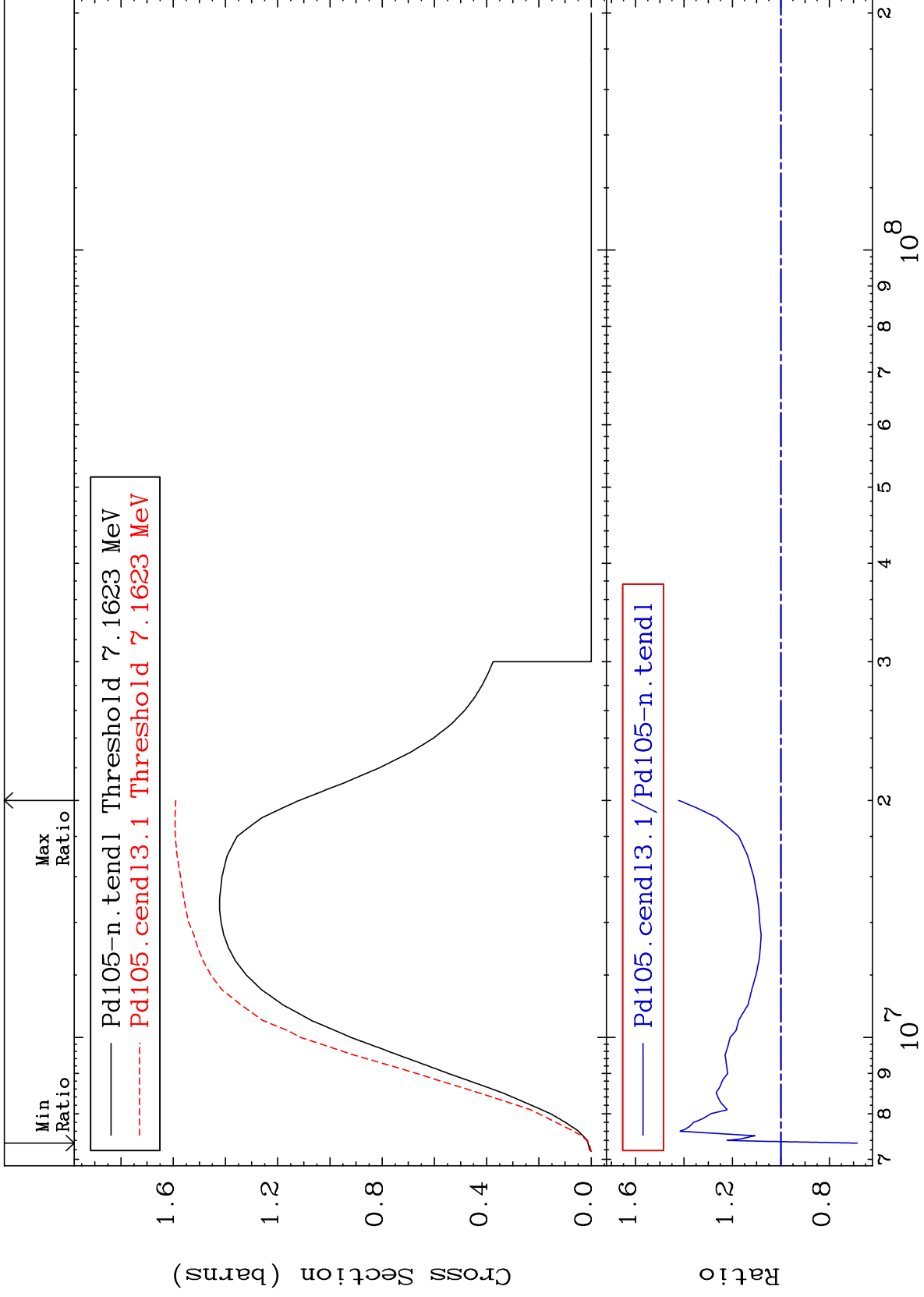
Incident Energy (eV)

46-Pd-105

MAT 4634

(n,2n)  
Cross Section

46-Pd-105  
-31.55 To 42.23 %



4

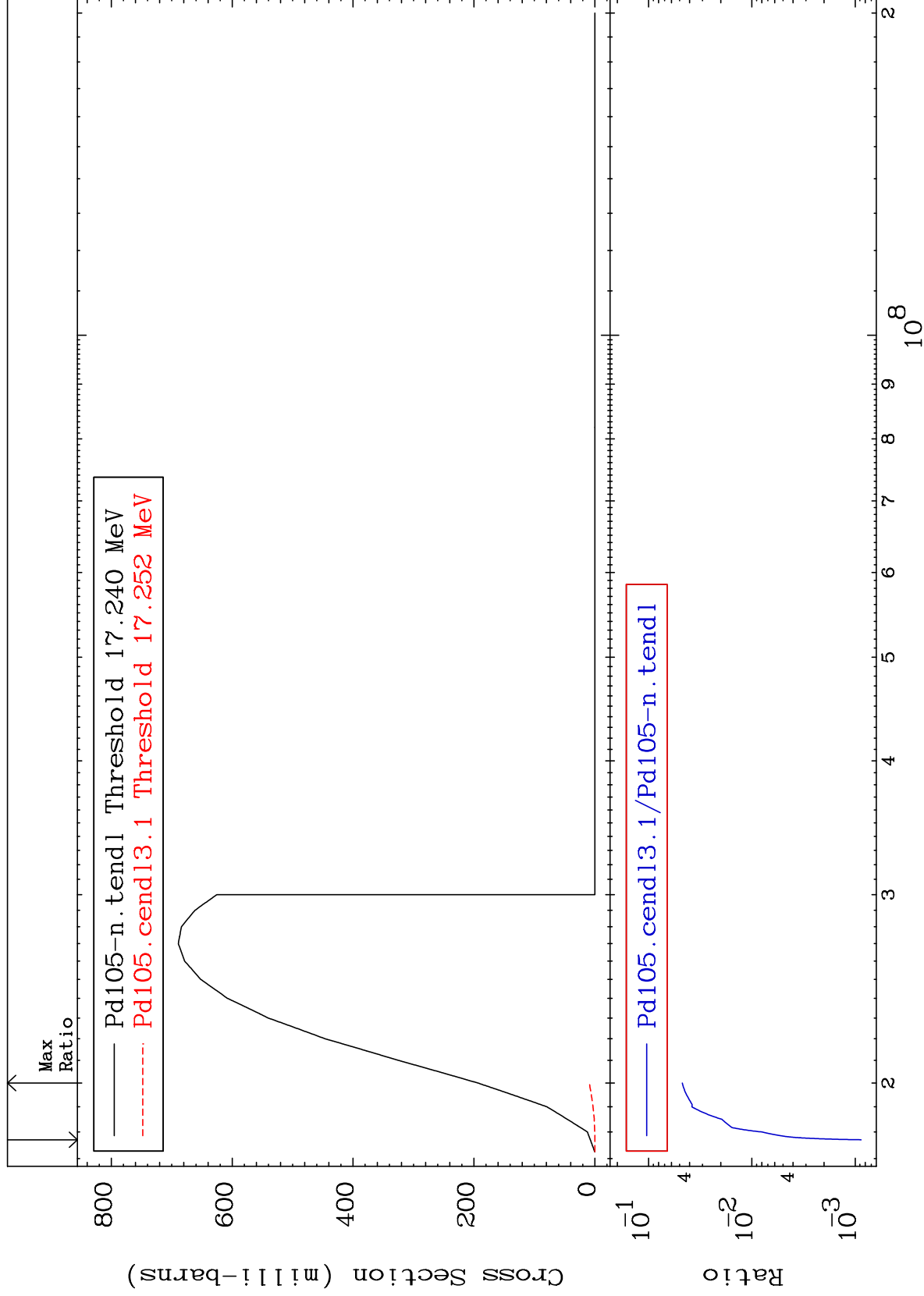
46-Pd-105

46-Pd-105

MAT 4634

(n,3n)  
Cross Section

46-Pd-105  
-99.91 To -95.29%



5

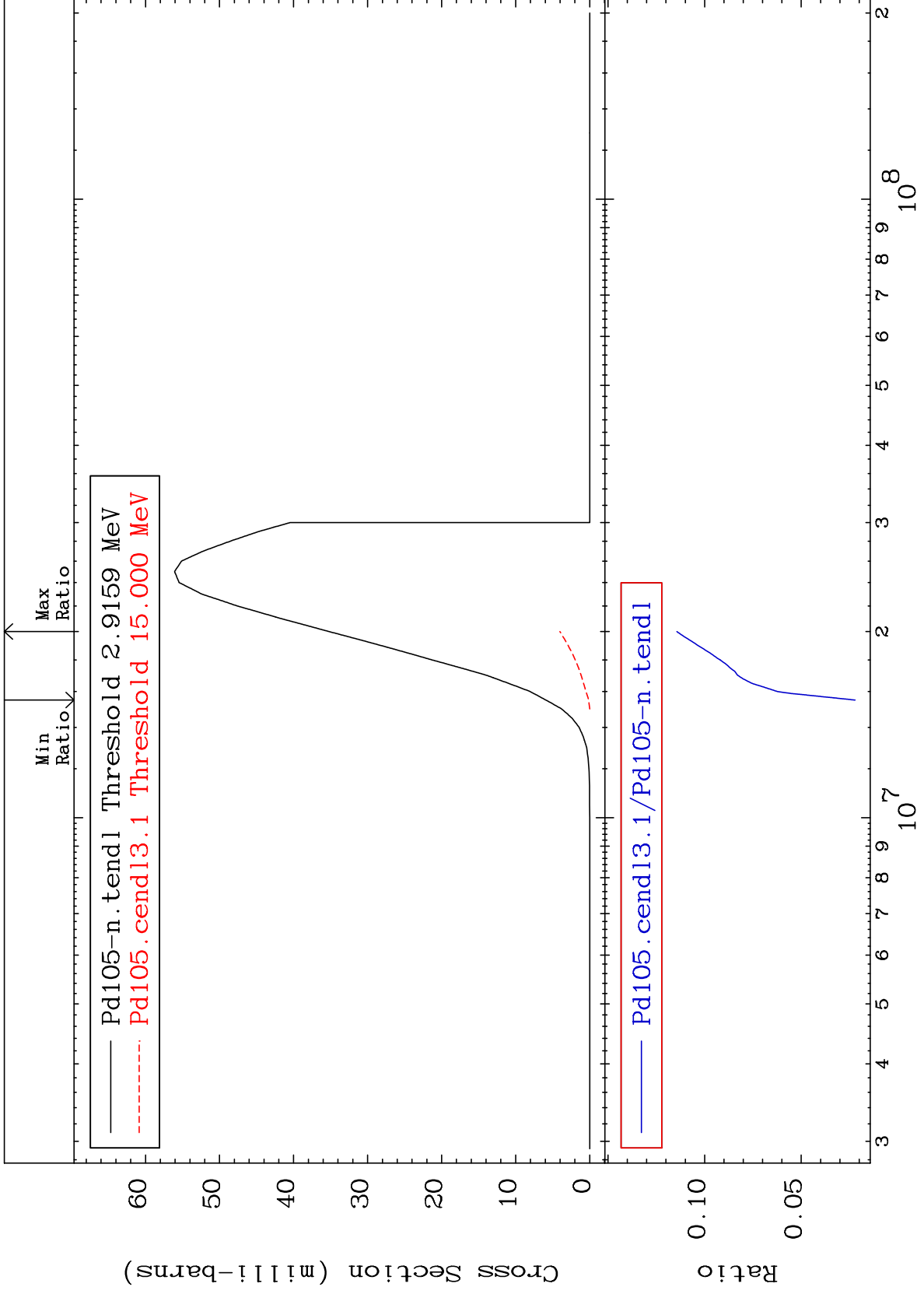
46-Pd-105

46-Pd-105

MAT 4634

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

46-Pd-105  
-97.79 To -88.57%



6

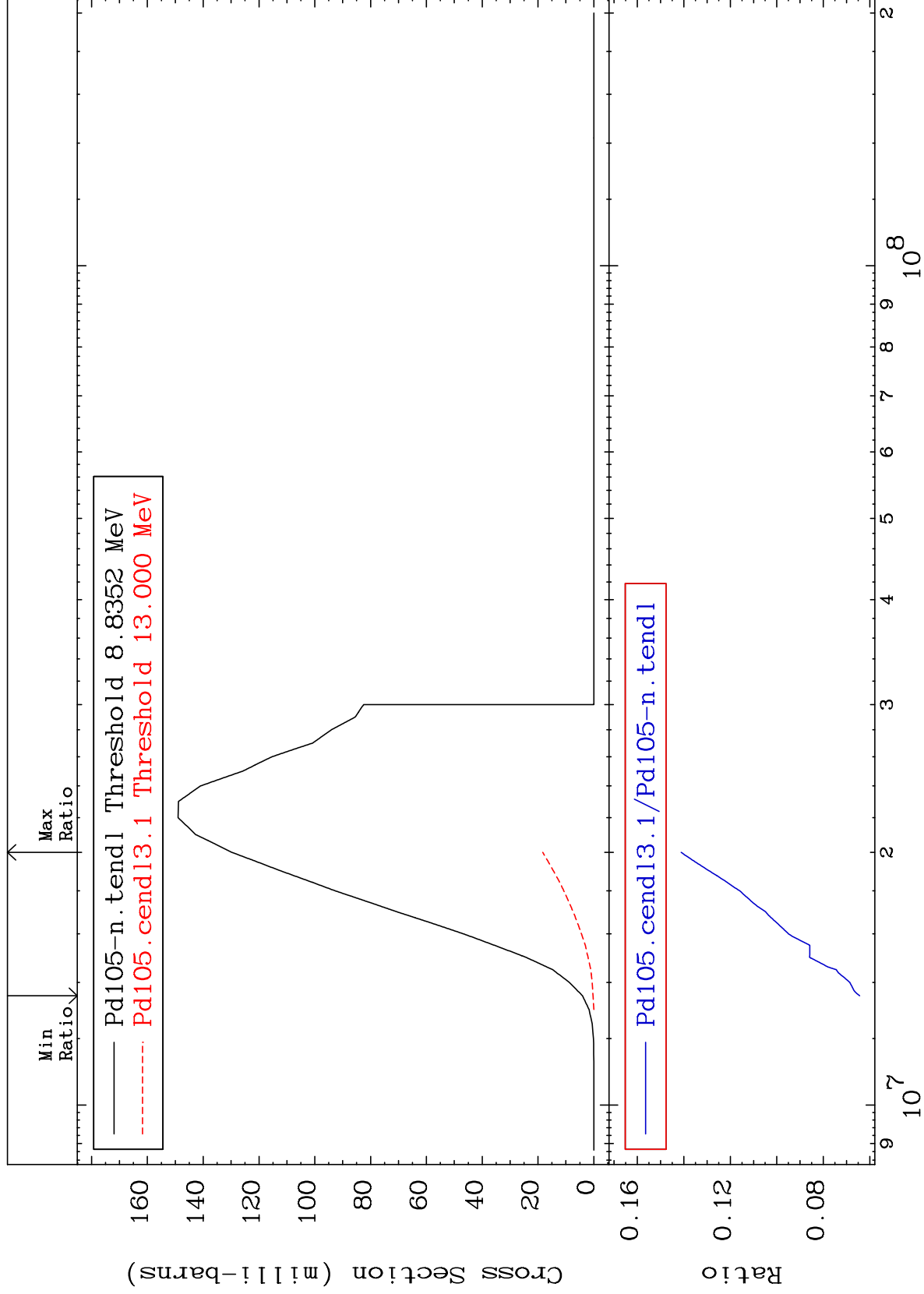
Incident Energy (eV)

46-Pd-105

MAT 4634

(n,n') p  
Cross Section

46-Pd-105  
-93.56 To -85.89%



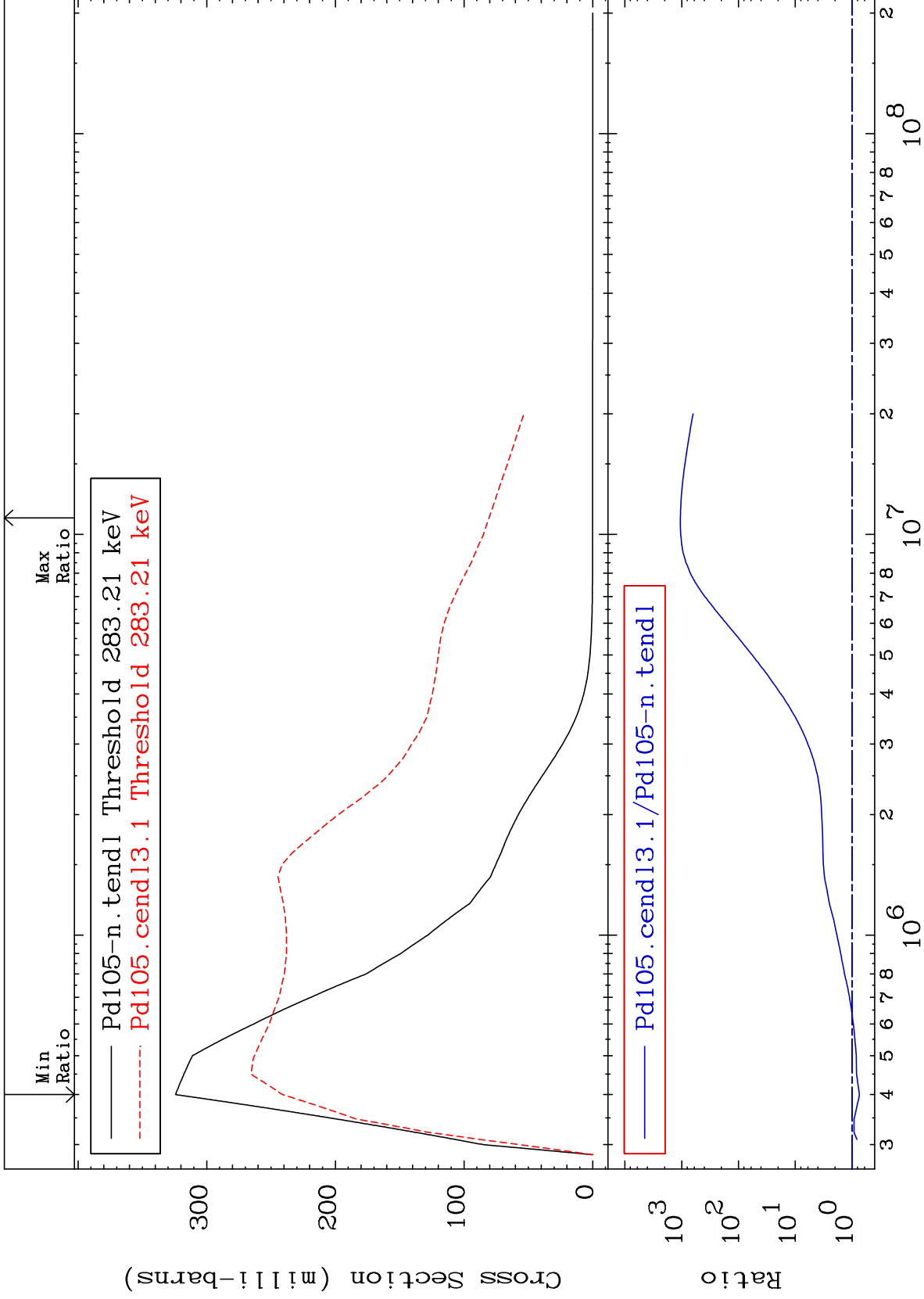
46-Pd-105

46-Pd-105

MAT 4634

280.5 keV (n,n') Level  
Cross Section

46-Pd-105  
-25.65 To 9999. %

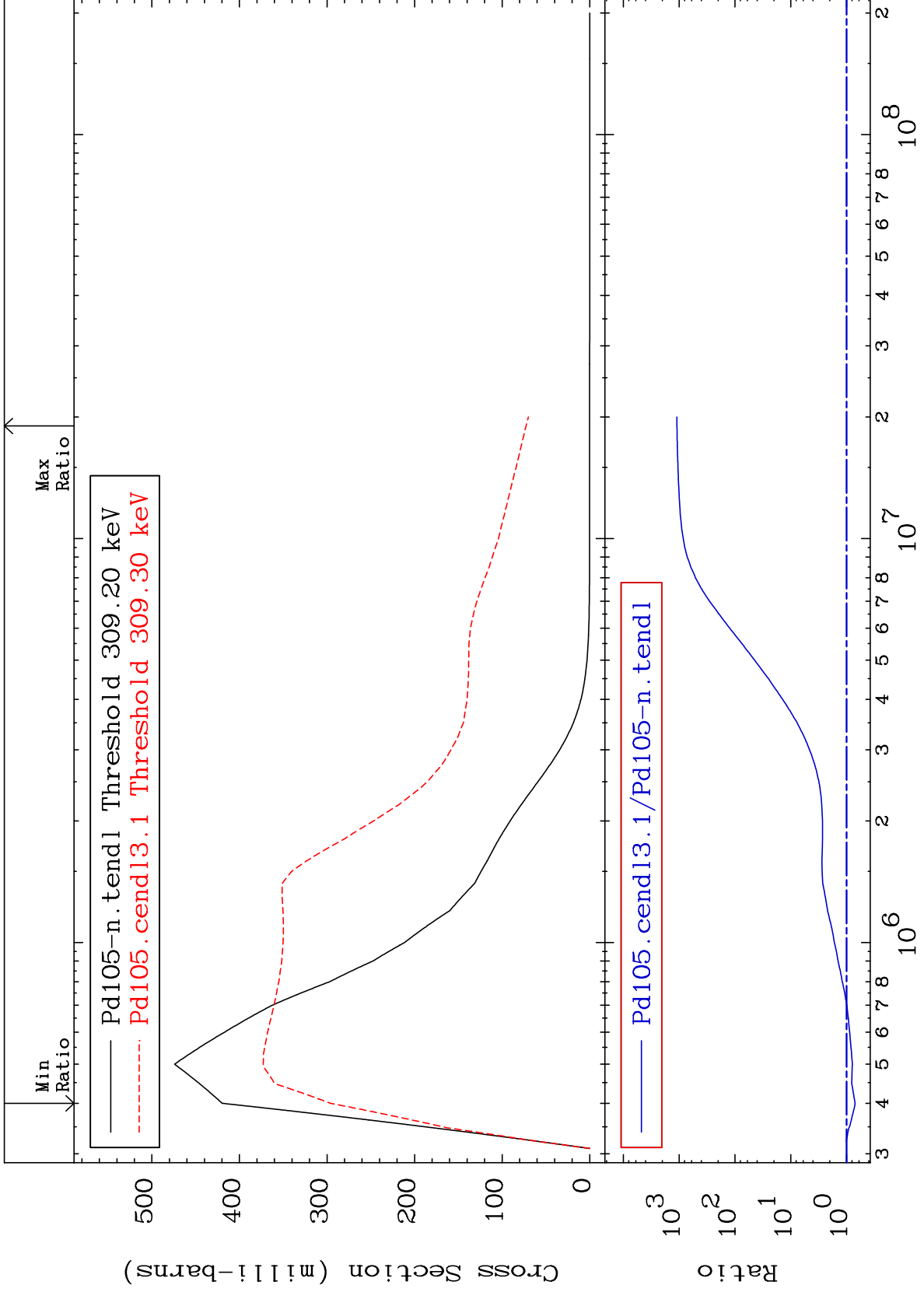




MAT 4634

306.2 keV (n,n') Level  
Cross Section

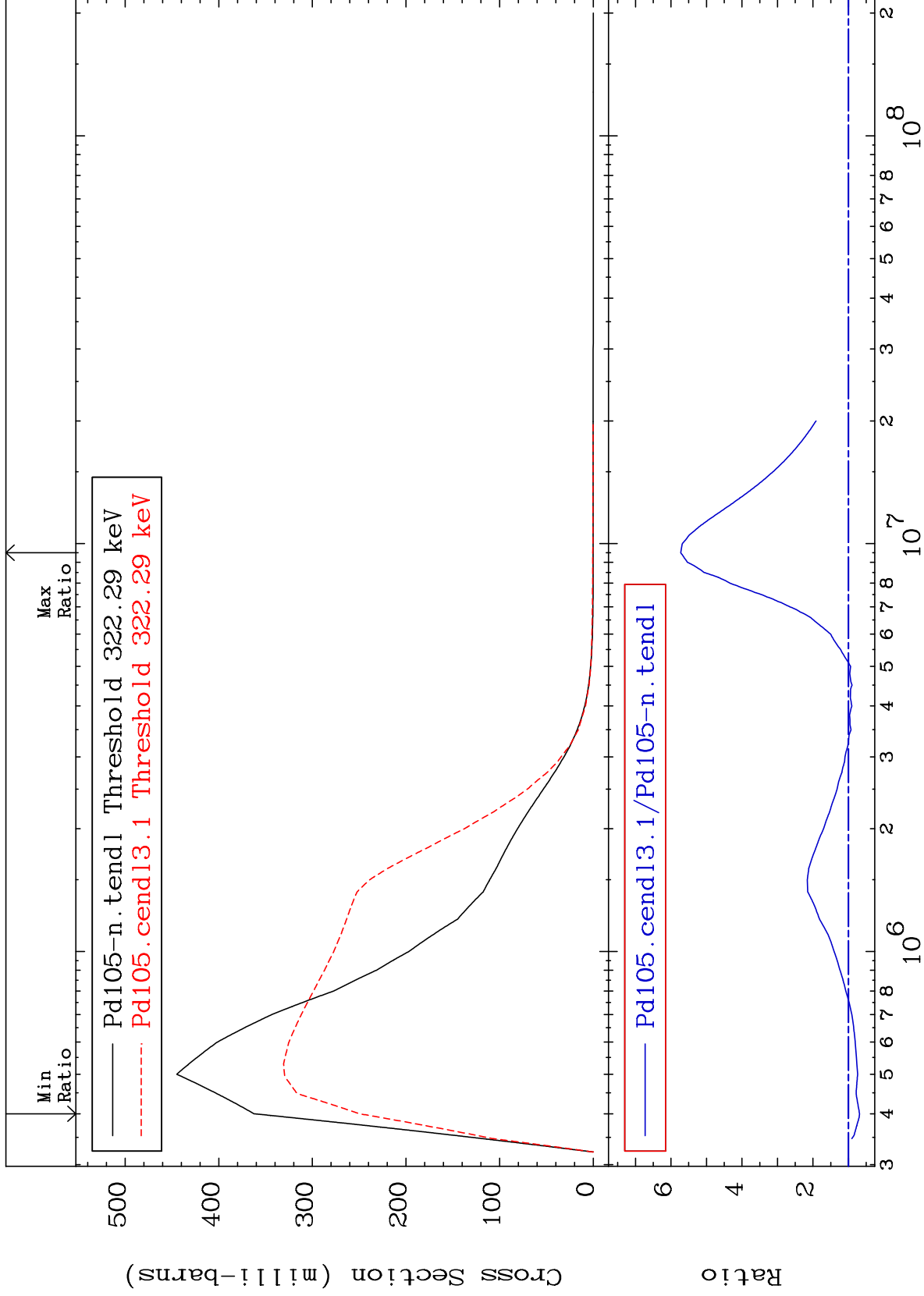
46-Pd-105  
-29.53 To 9999. %



MAT 4634

319.2 keV (n,n') Level  
Cross Section

46-Pd-105  
-31.10 To 472.4 %



10

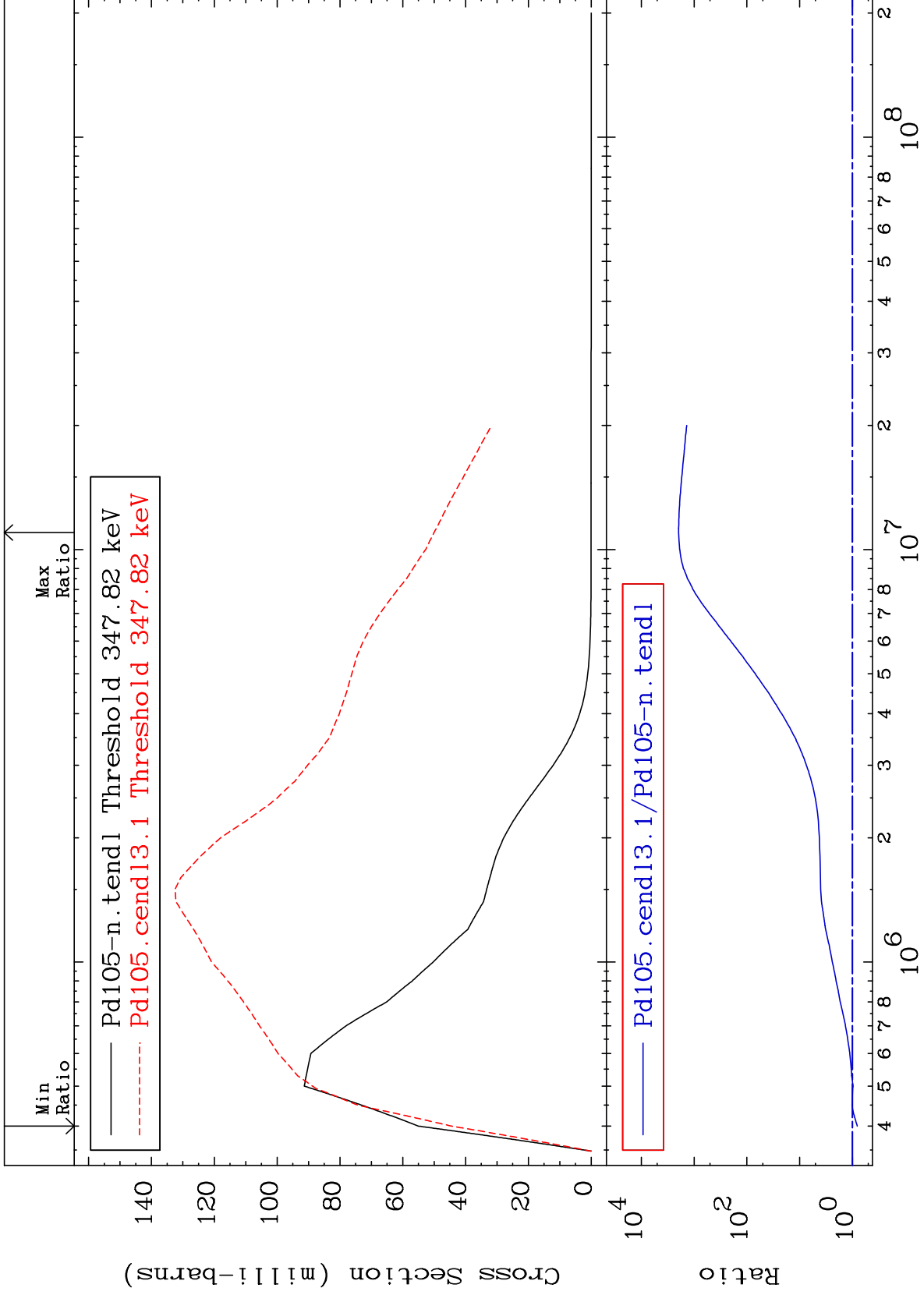
Incident Energy (eV)

46-Pd-105

MAT 4634

344.5 keV (n,n') Level  
Cross Section

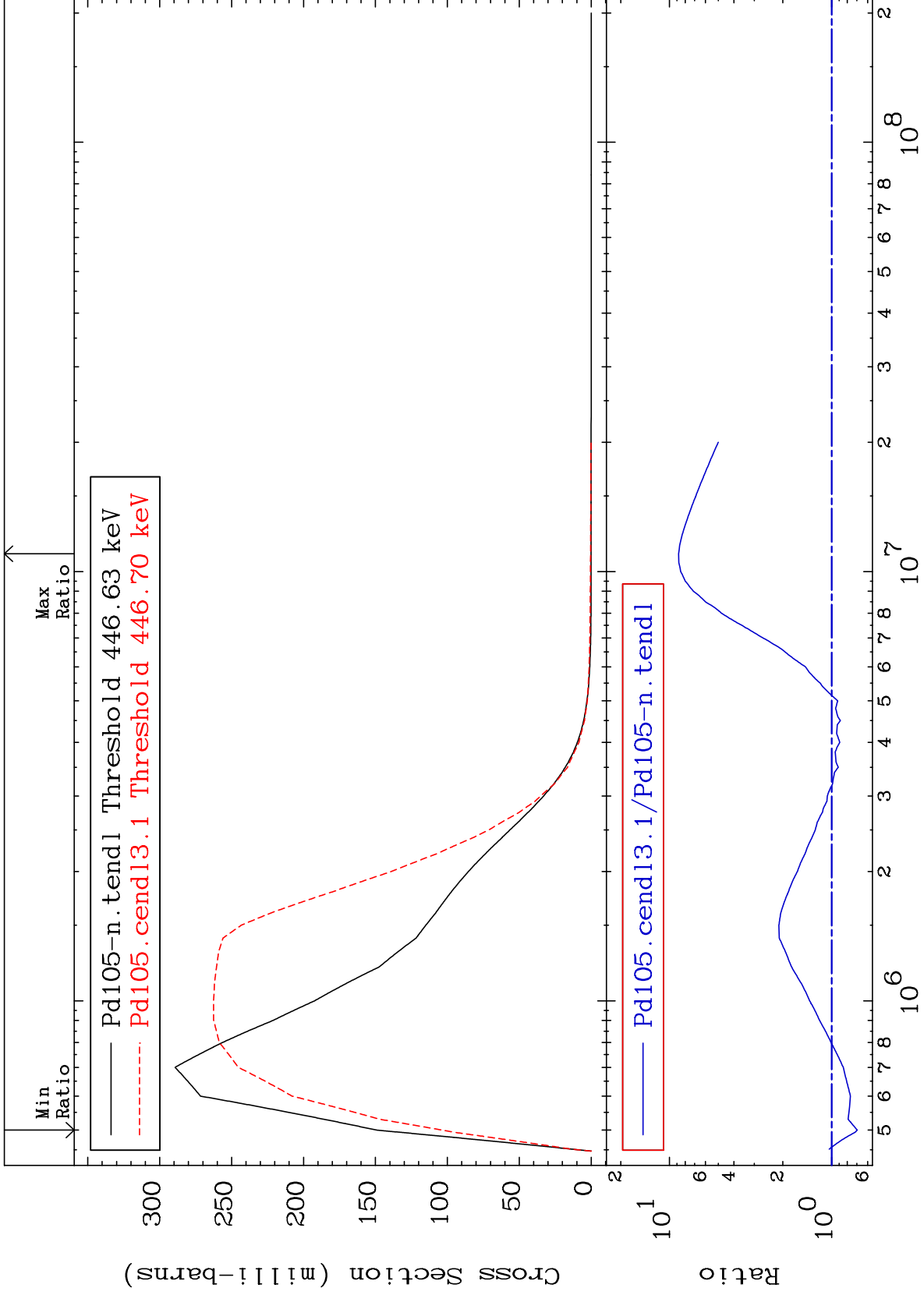
46-Pd-105  
-19.15 To 9999. %



MAT 4634

442.4 keV (n,n') Level  
Cross Section

46-Pd-105  
-30.49 To 778.2 %



46-Pd-105

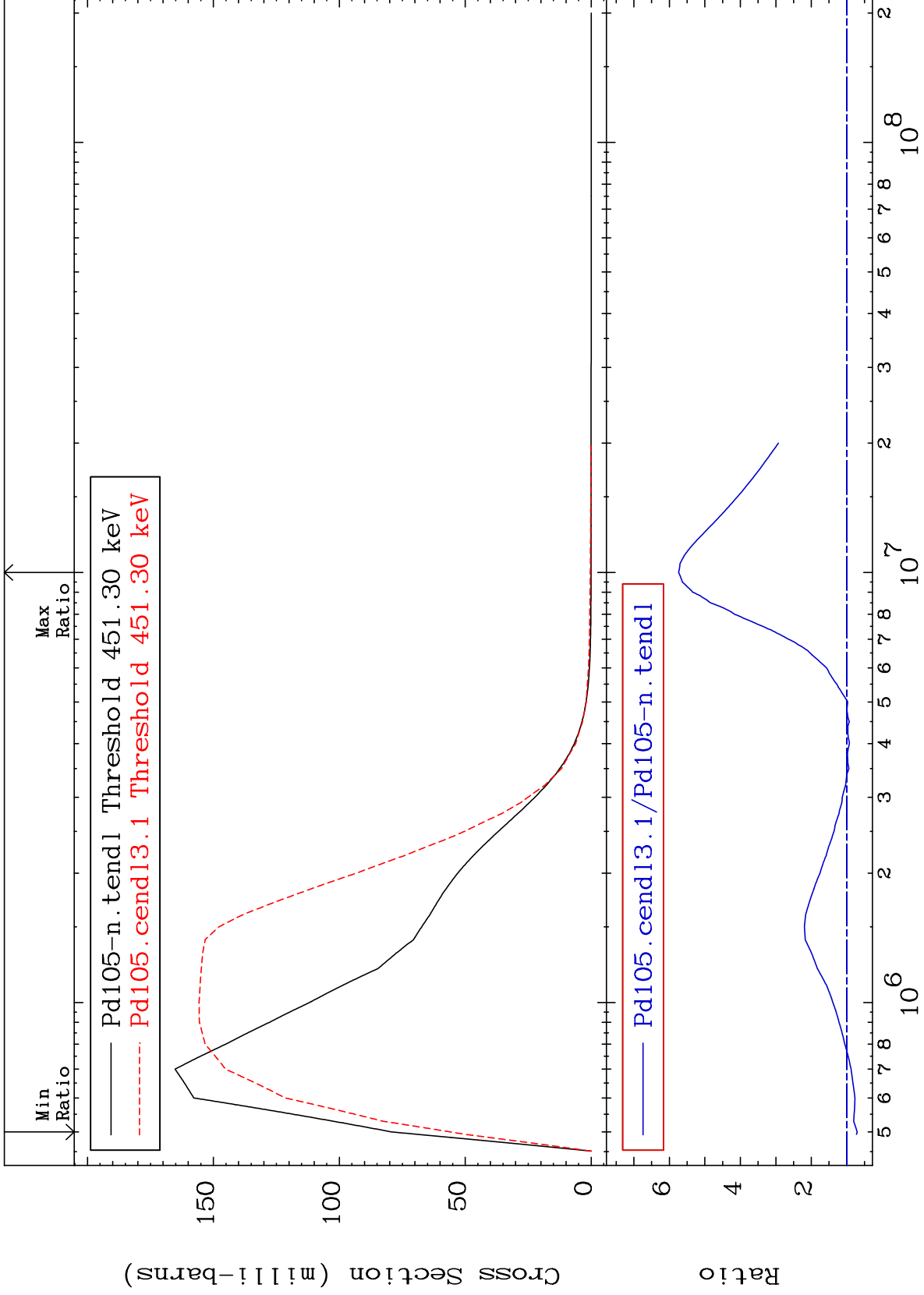
Incident Energy (eV)

12

MAT 4634

447.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-29.47 To 474.0 %



13

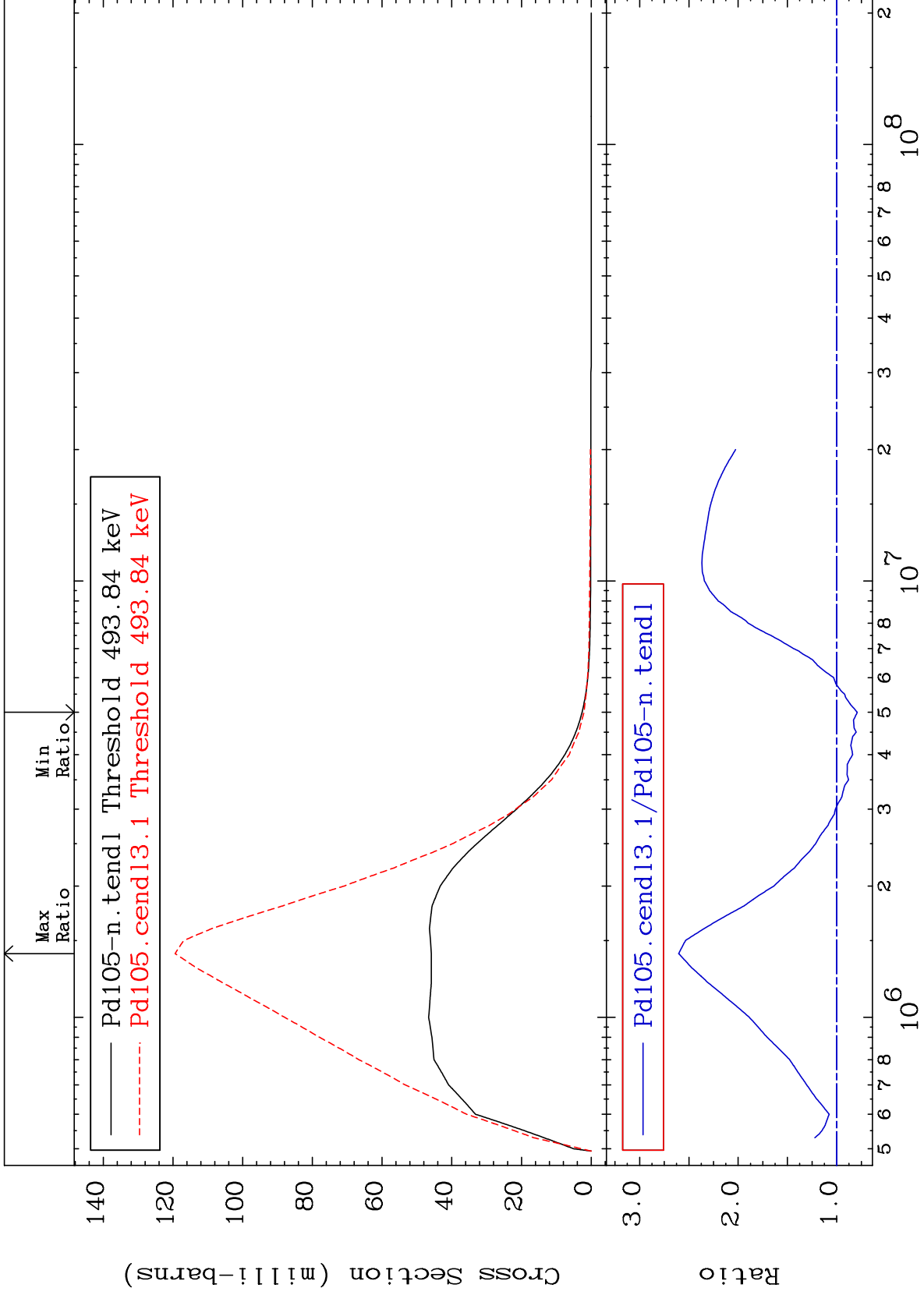
Incident Energy (eV)

46-Pd-105

MAT 4634

489.1 keV (n,n') Level  
Cross Section

46-Pd-105  
-20.88 To 160.4 %



14

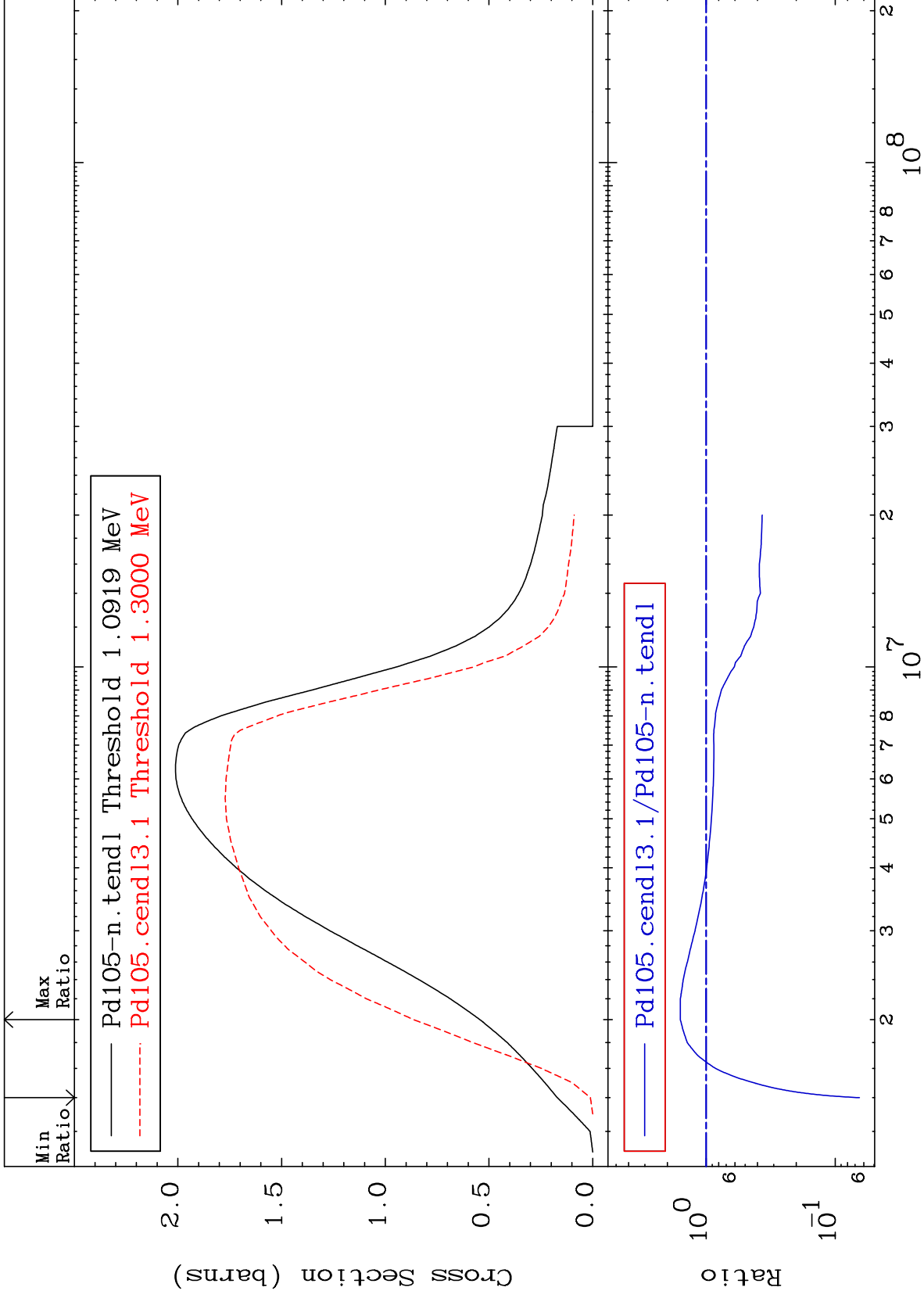
Incident Energy (eV)

46-Pd-105

MAT 4634

(n, n') Continuum  
Cross Section

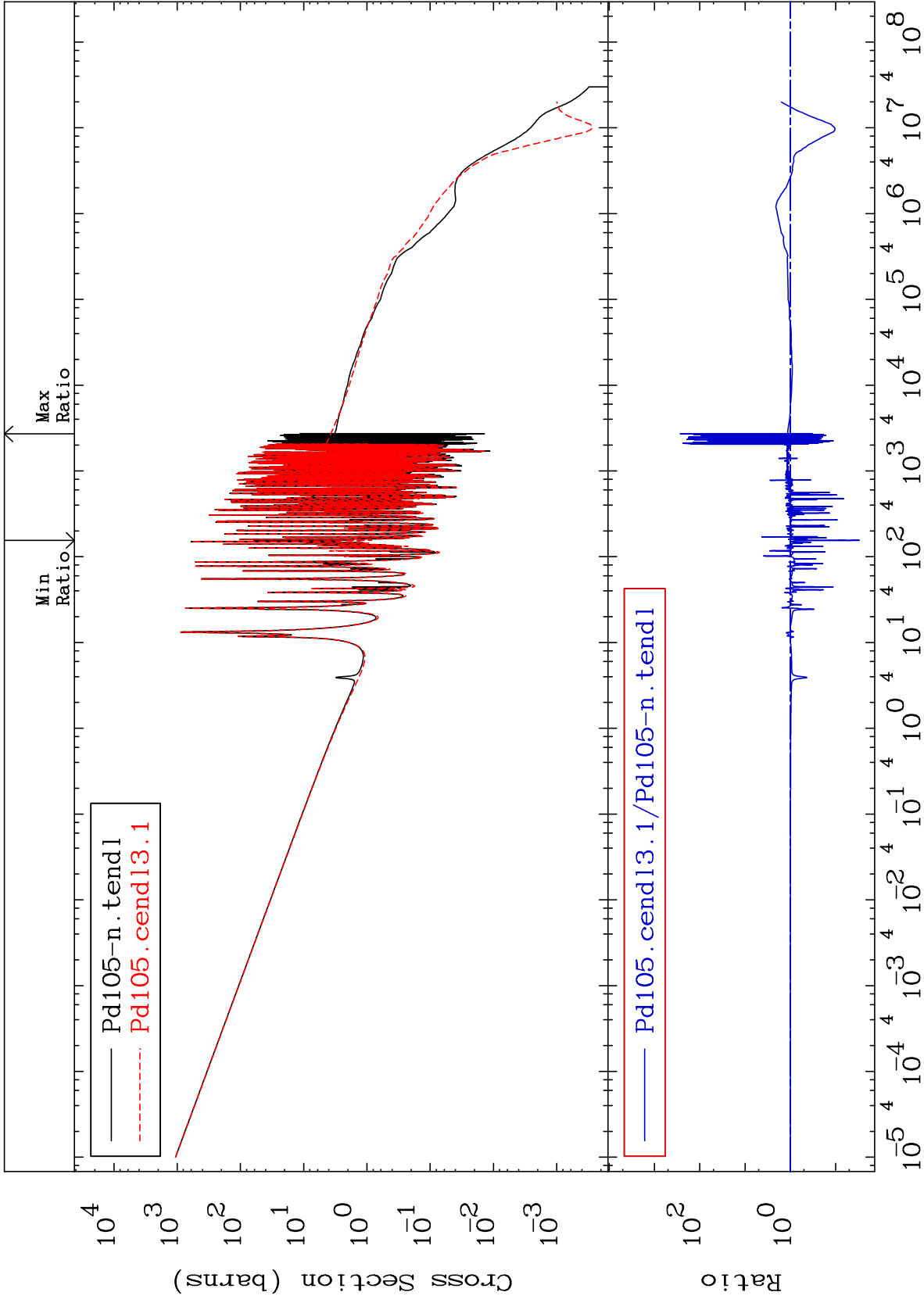
46-Pd-105  
-93.52 To 58.84 %



MAT 4634

(n,  $\gamma$ )  
Cross Section

46-Pd-105  
-97.02 To 9999. %



16

Incident Energy (eV)

46-Pd-105

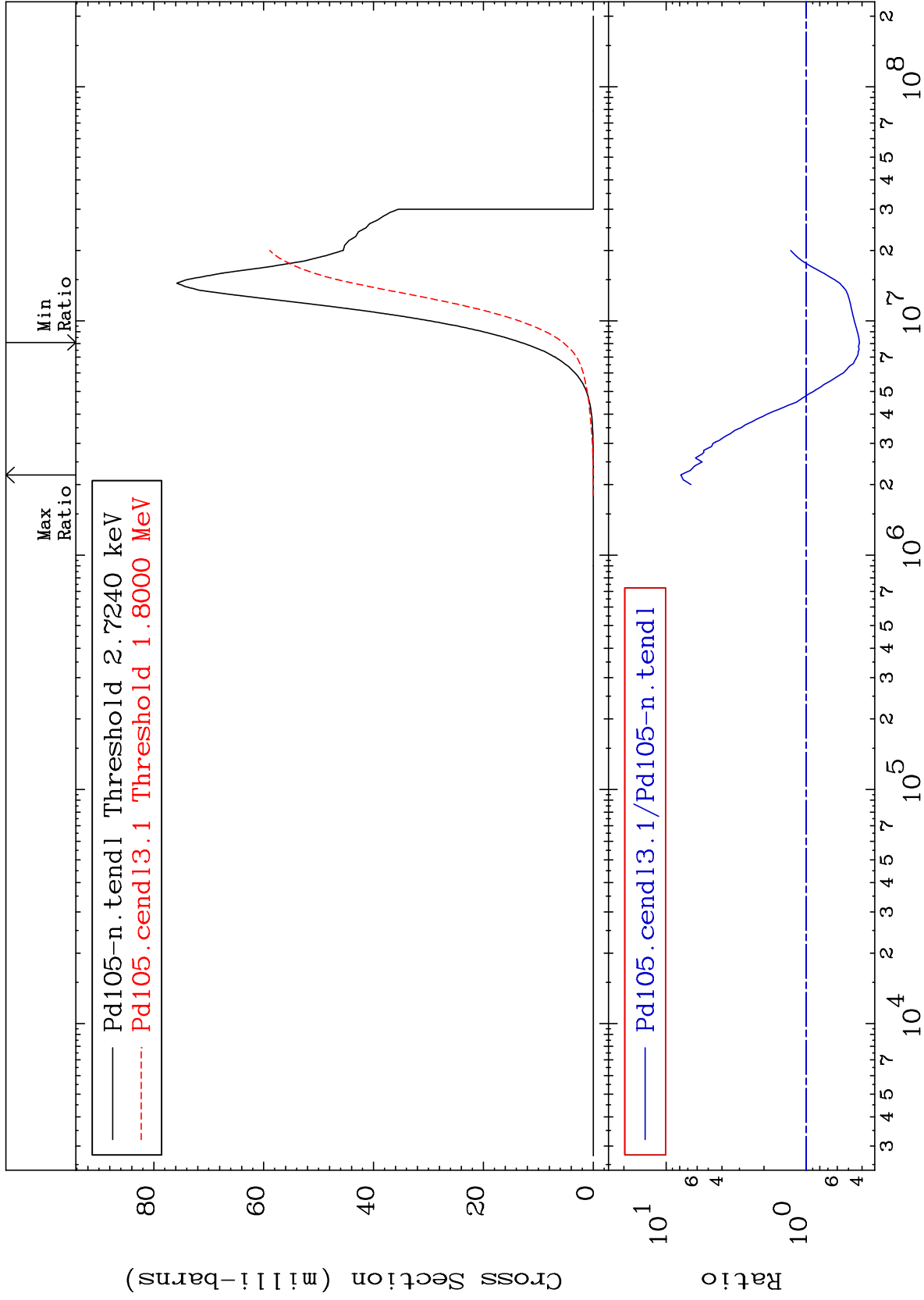


MAT 4634

46-Pd-105

(n, p)  
Cross Section

-58.32 To 685.4 %



17

Incident Energy (eV)

46-Pd-105

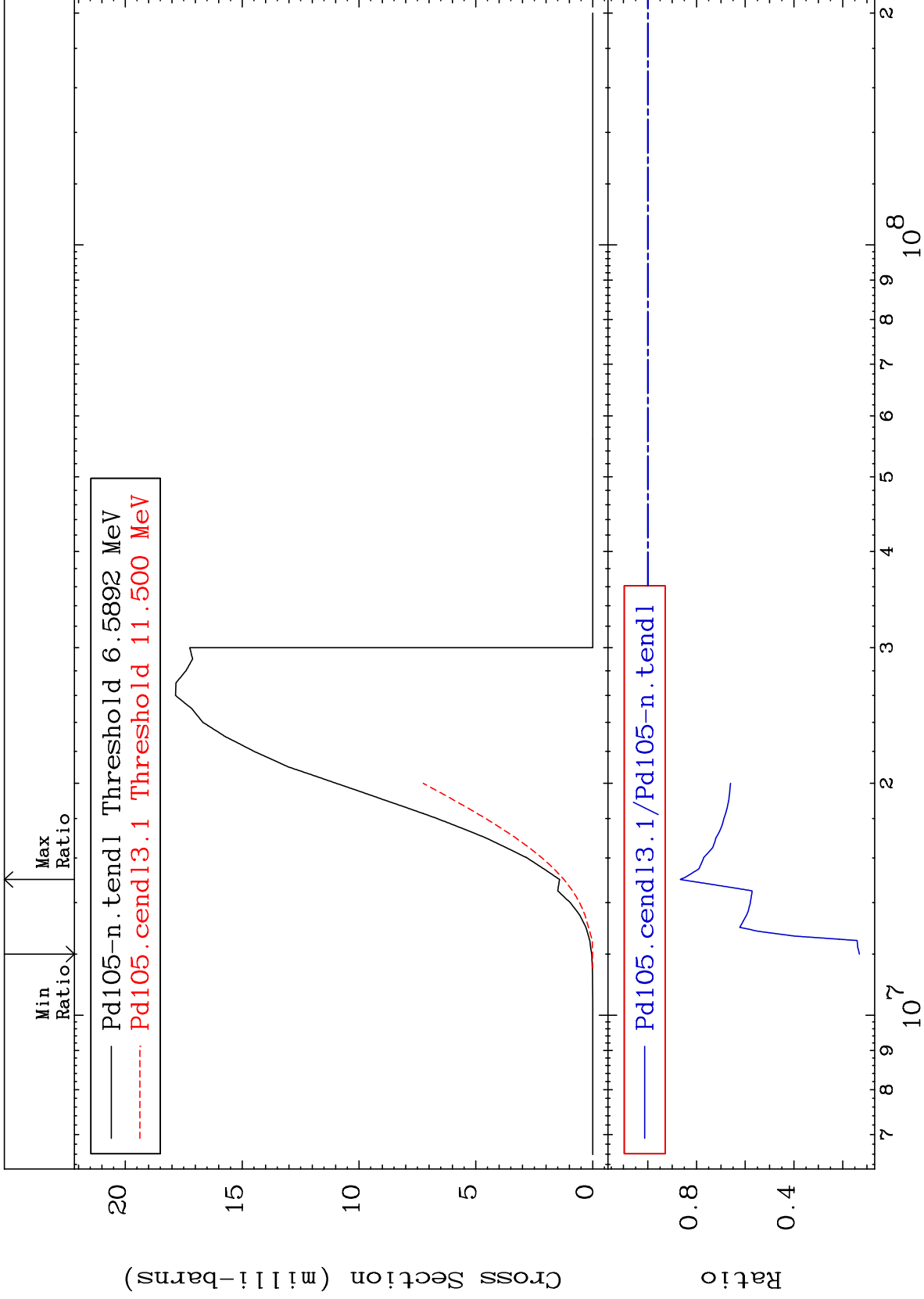
MAT 4634

(n, d)

46-Pd-105

Cross Section

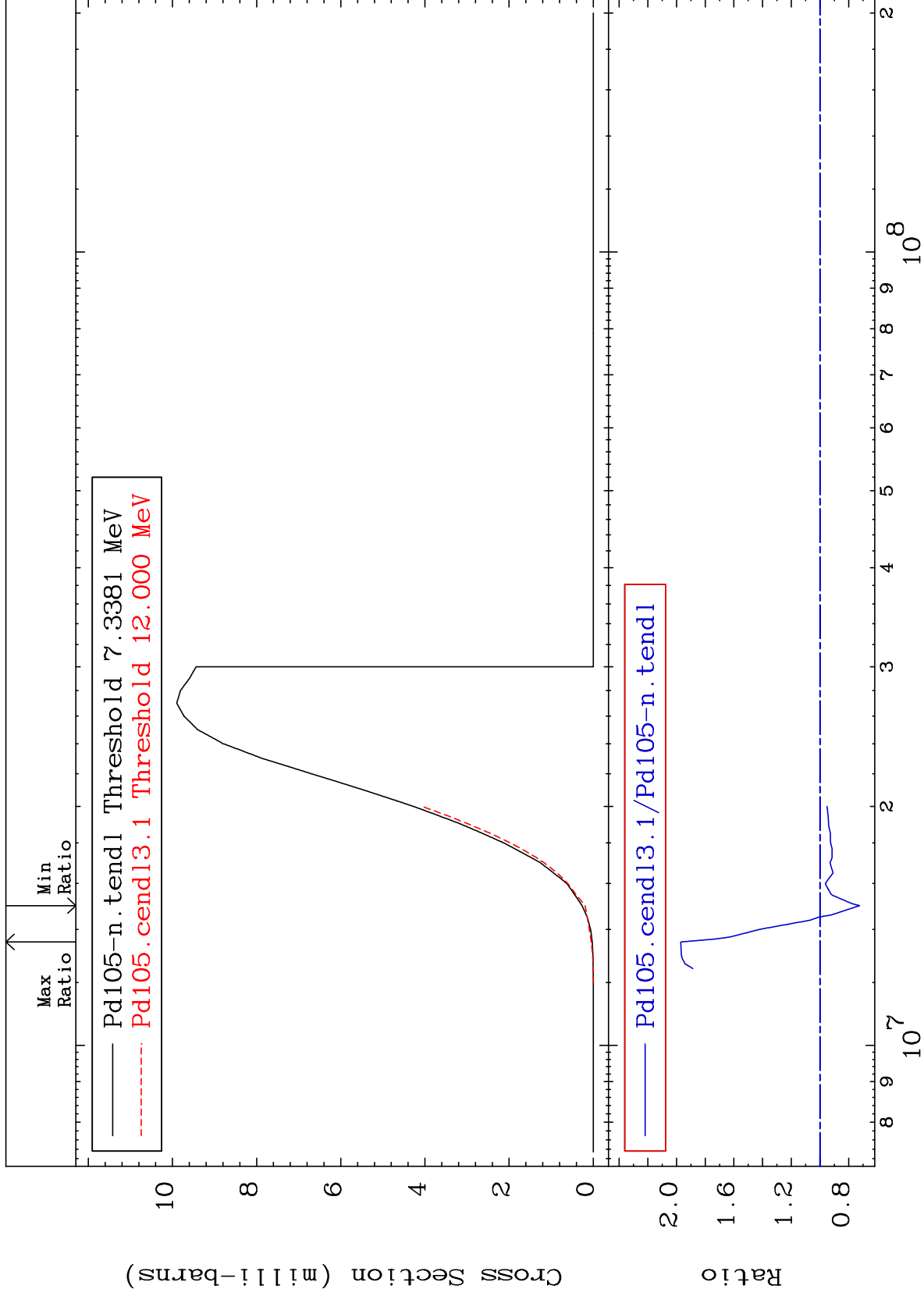
-86.88 To -13.36%



MAT 4634

(n, t)  
Cross Section

46-Pd-105  
-27.53 To 97.02 %



19

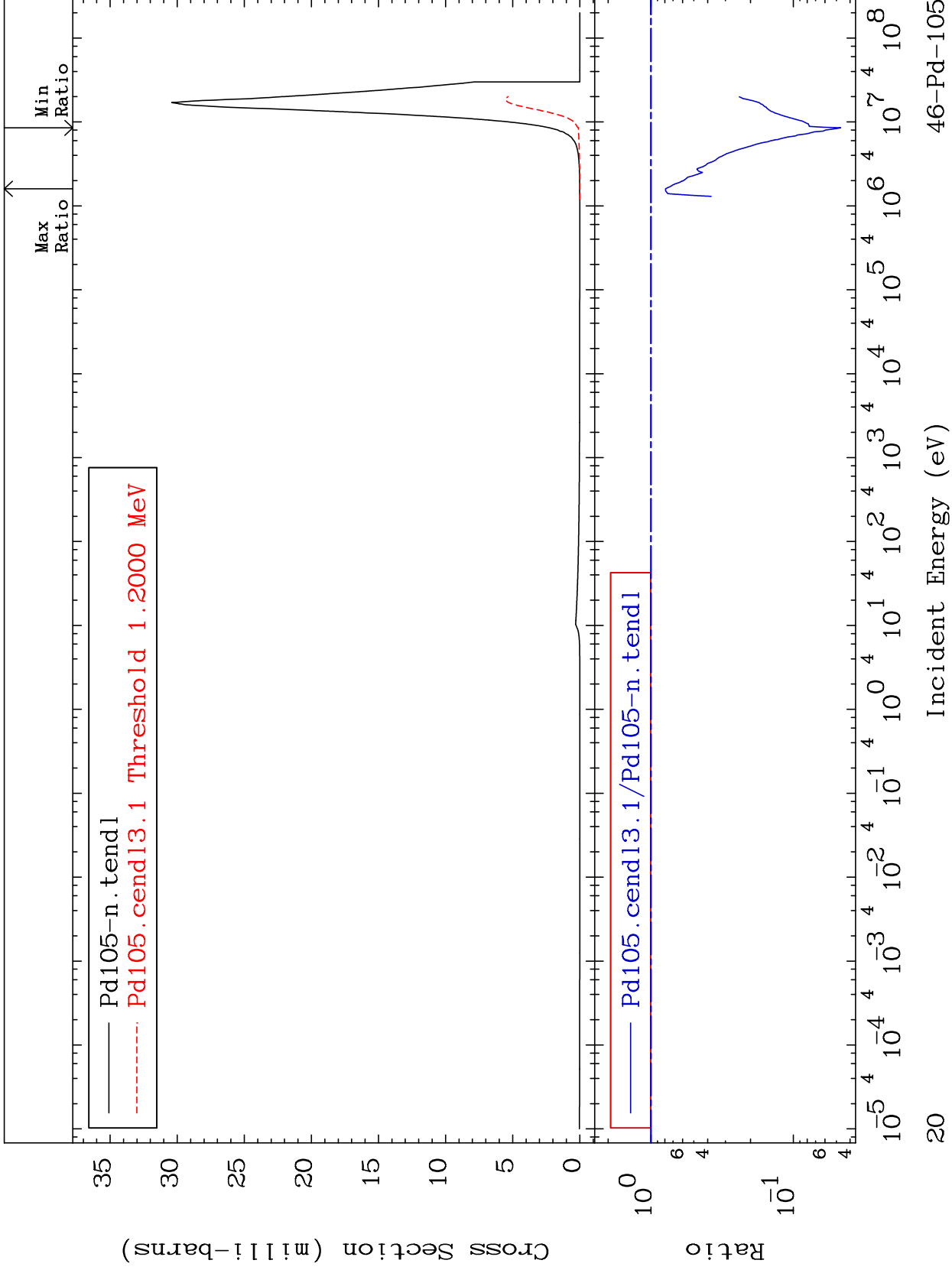
46-Pd-105

46-Pd-105

MAT 4634

(n,  $\alpha$ )  
Cross Section

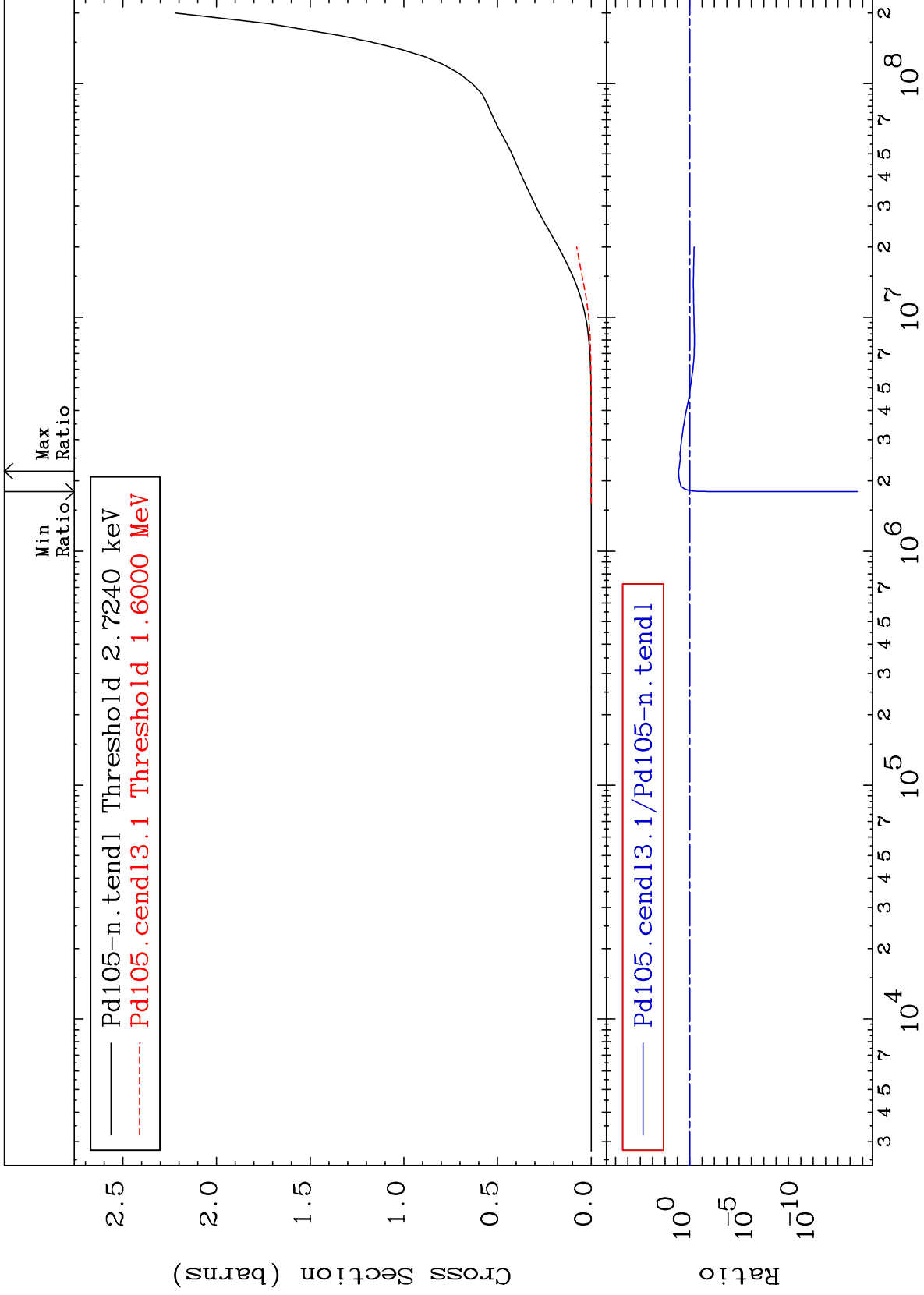
46-Pd-105  
-95.34 To -20.86%



MAT 4634

Hydrogen Production  
Cross Section

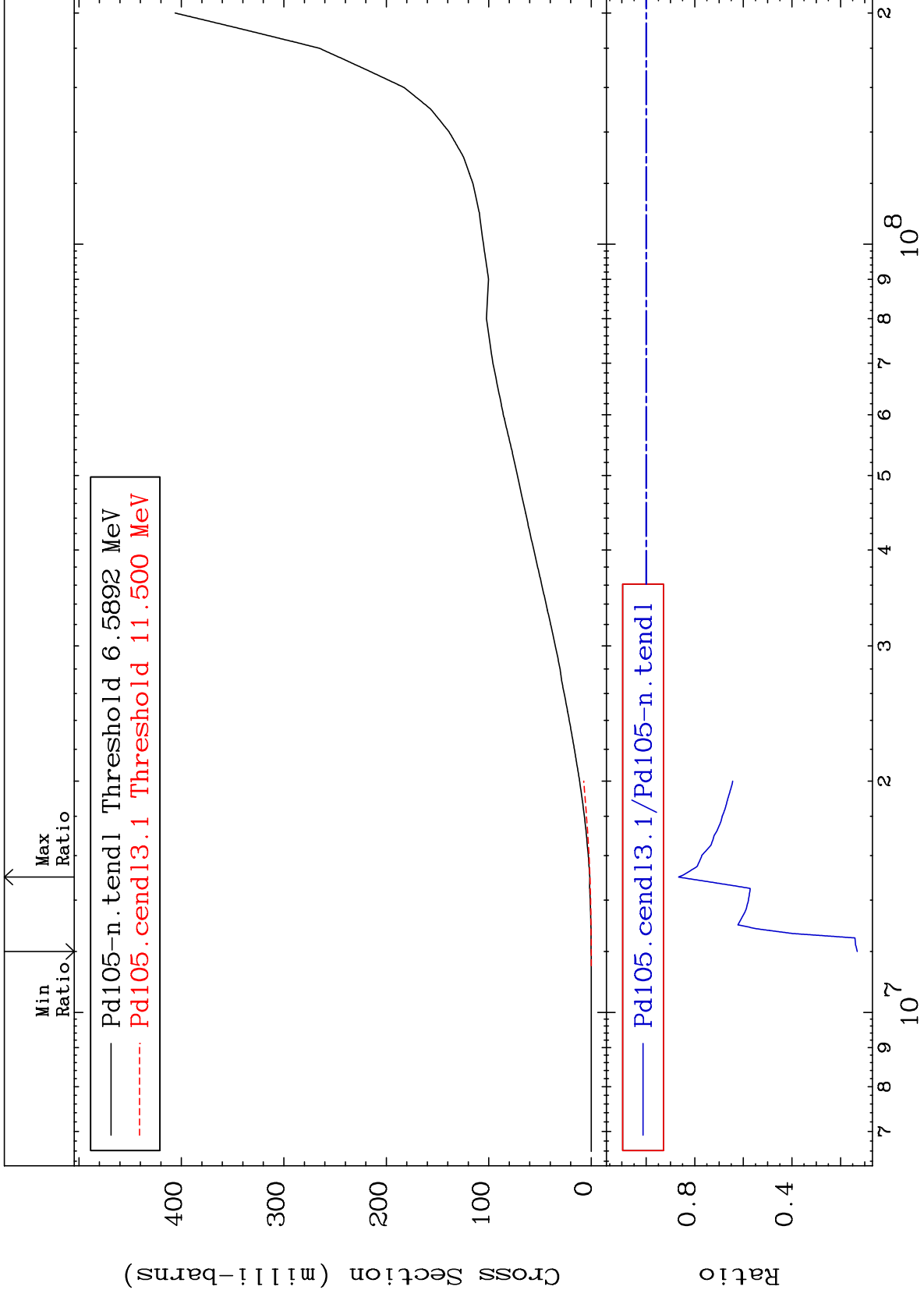
46-Pd-105  
-100.0 To 685.4 %



MAT 4634

Deuterium Production  
Cross Section

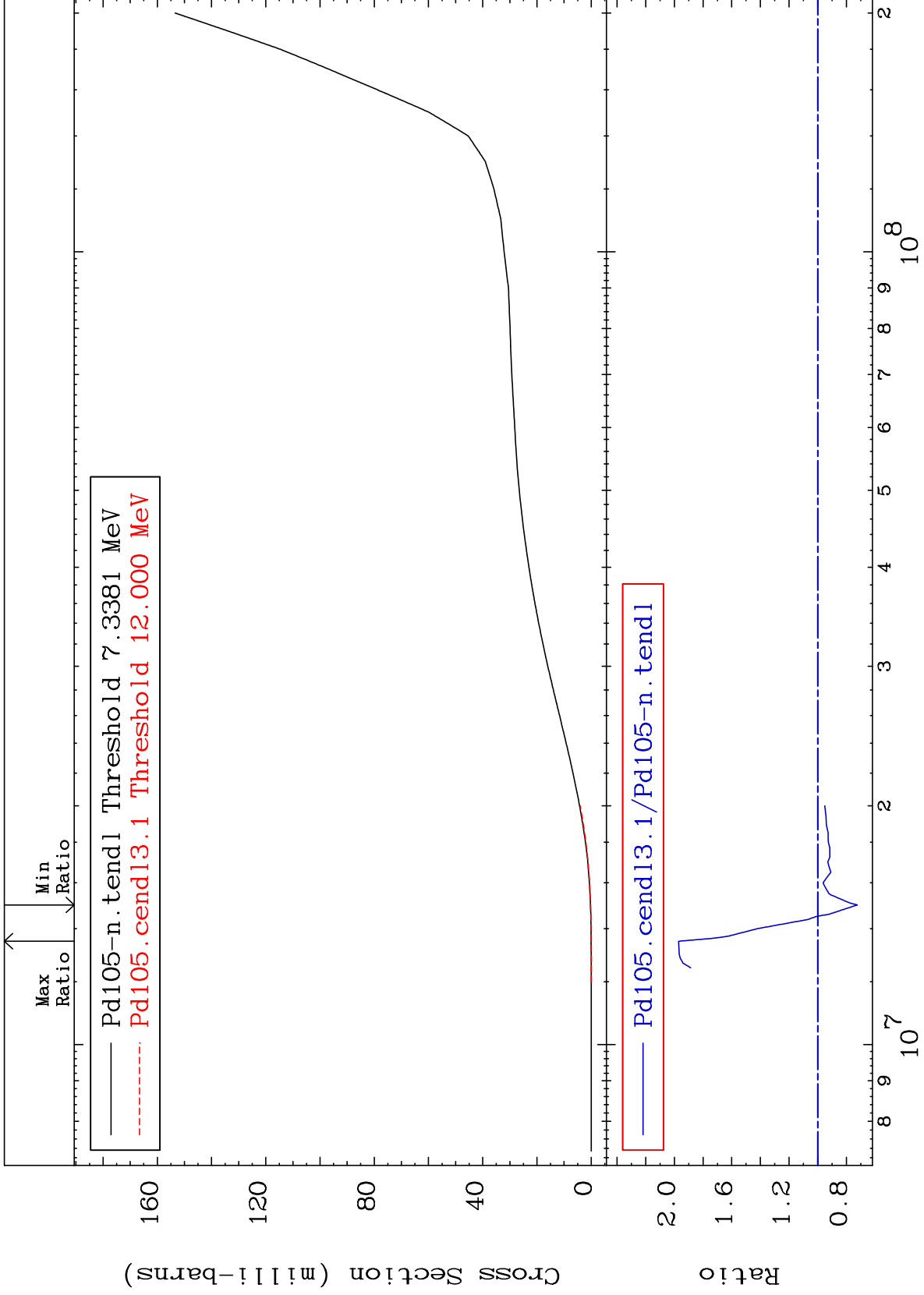
46-Pd-105  
-86.88 To -13.36%



MAT 4634

Tritium Production  
Cross Section

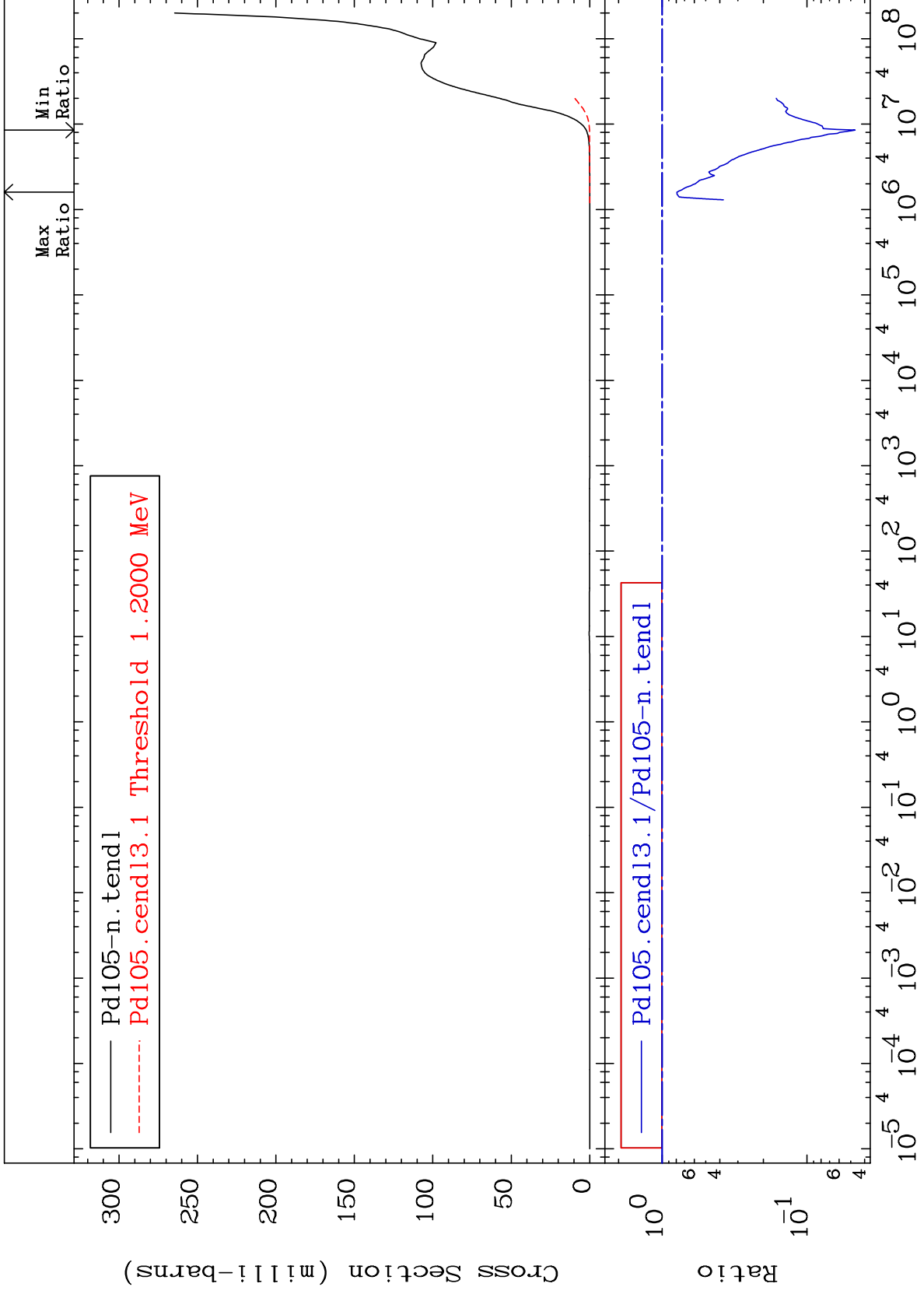
46-Pd-105  
-27.53 To 97.02 %



MAT 4634

He-4 Production  
Cross Section

46-Pd-105  
-95.34 To -20.86%



24

Incident Energy (eV)

46-Pd-105



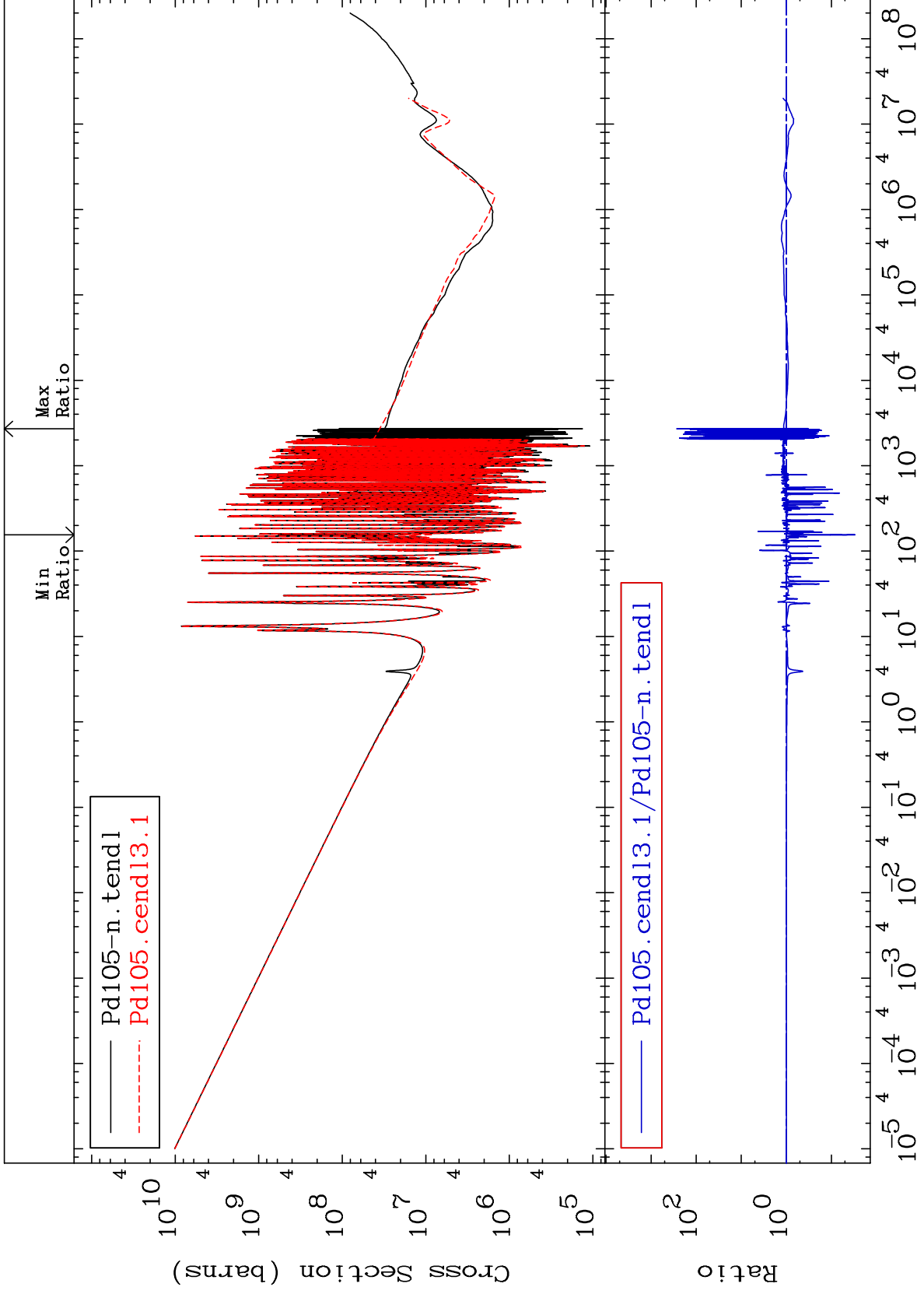
MAT 4634

Kerma total (eV-barns)

46-Pd-105

Cross Section

-97.02 To 9999. %



25

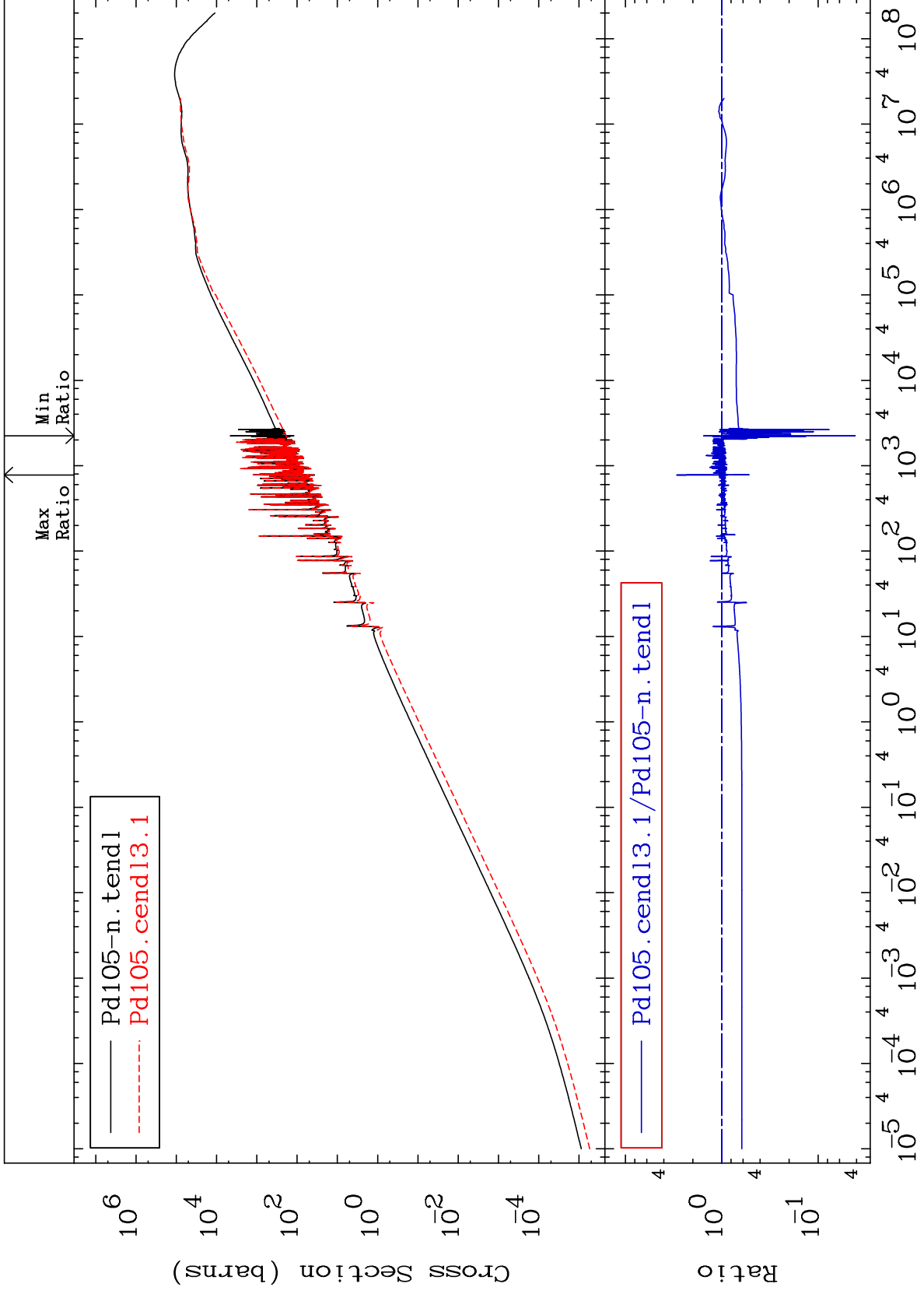
Incident Energy (eV)

46-Pd-105

MAT 4634

Kerma elastic  
Cross Section

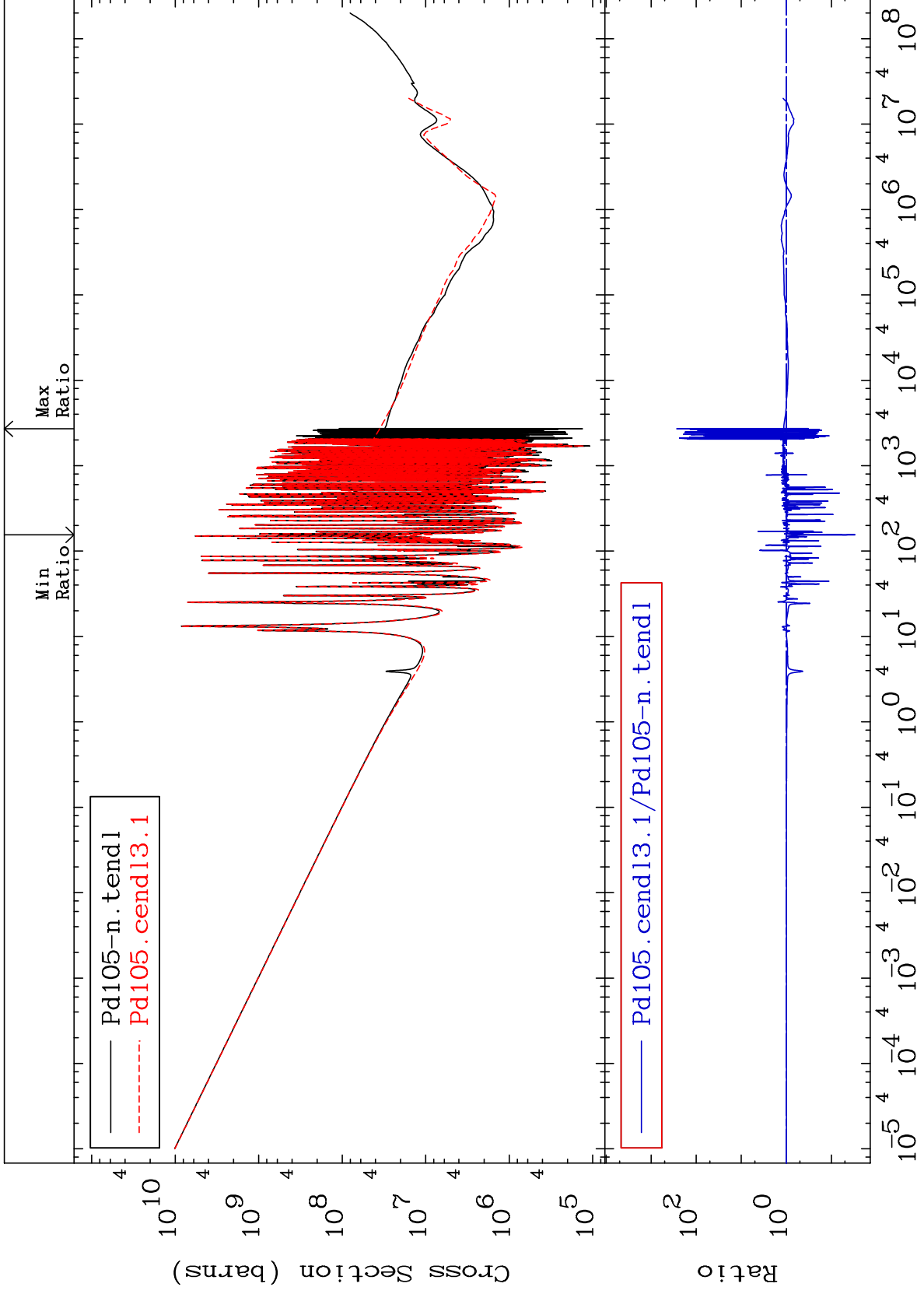
46-Pd-105  
-95.87 To 192.1 %



MAT 4634

Kerma non-elastic (all but mt2)  
Cross Section

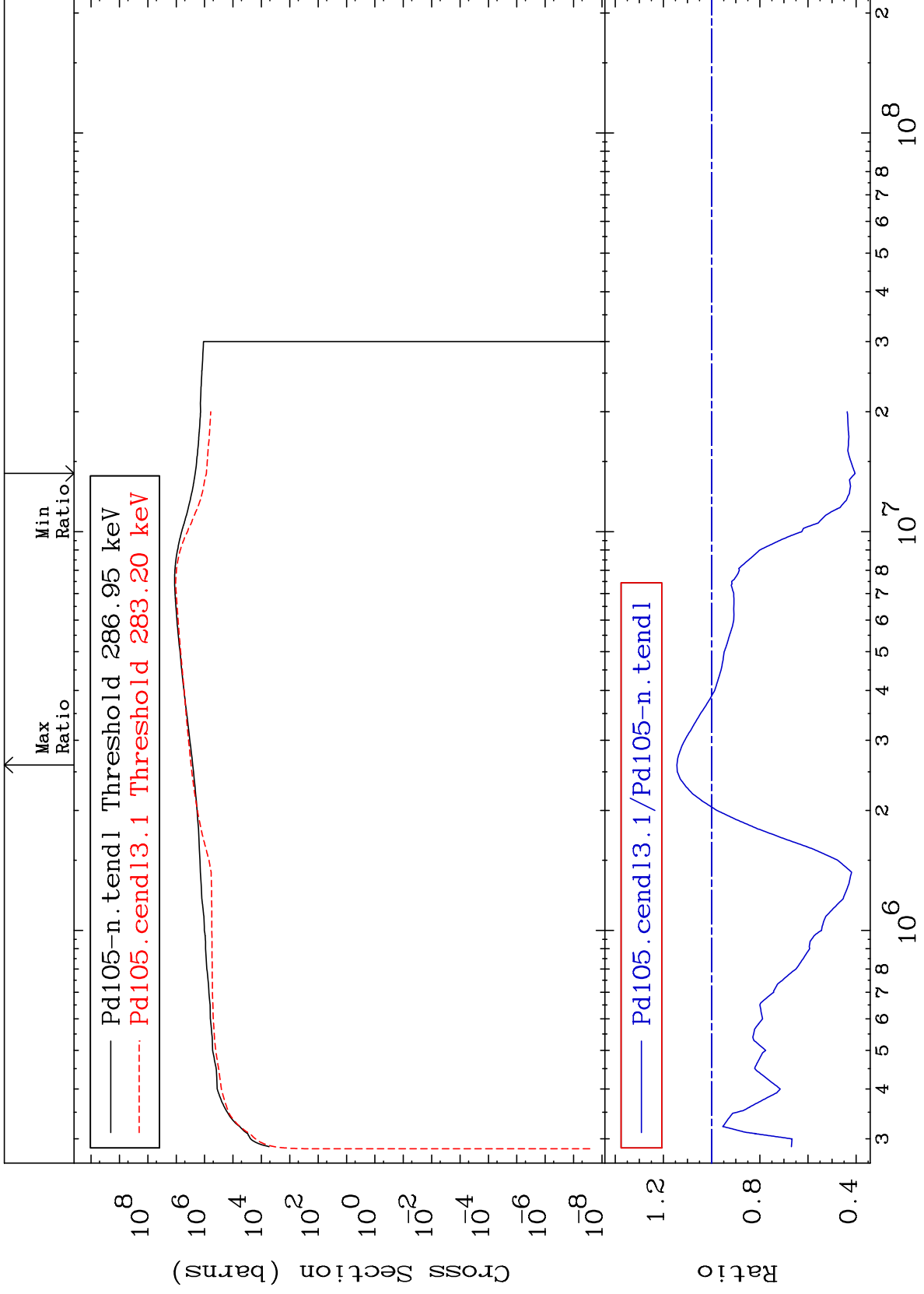
46-Pd-105  
-97.02 To 9999. %



MAT 4634

Kerma inelastic (mt51-91)  
Cross Section

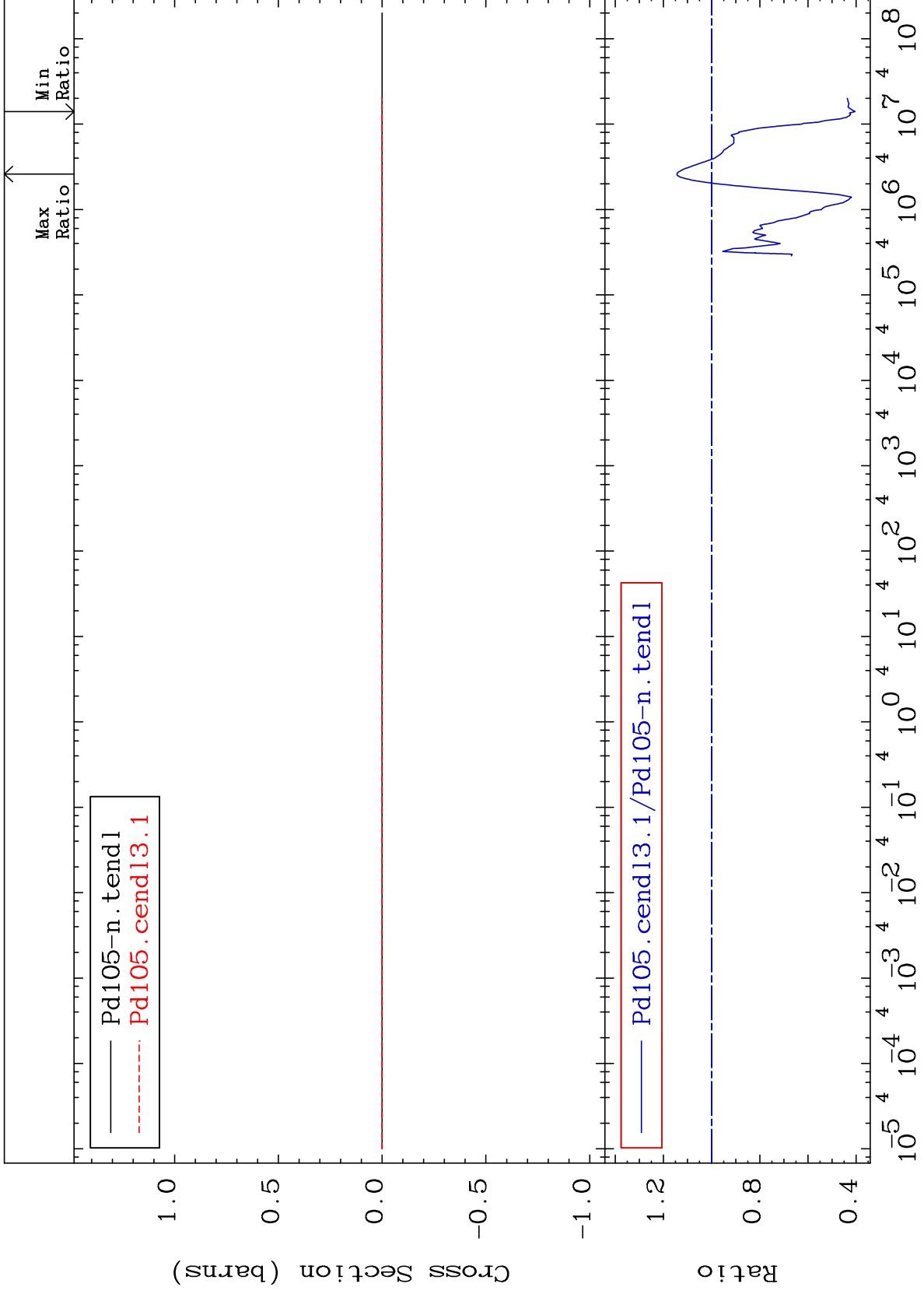
46-Pd-105  
-59.56 To 14.41 %



MAT 4634

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

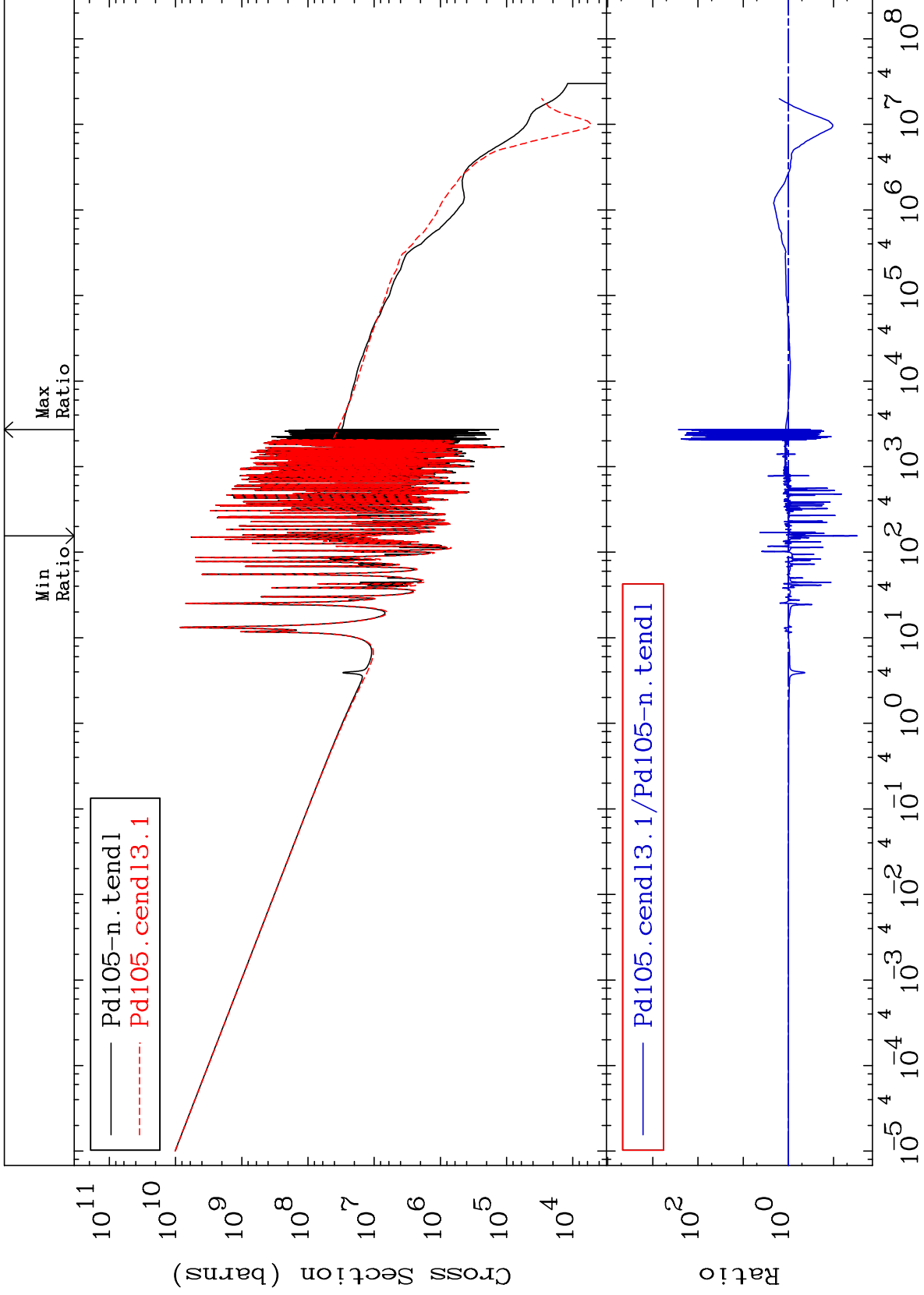
46-Pd-105  
-59.56 To 14.41 %



MAT 4634

Kerma capture (mt102)  
Cross Section

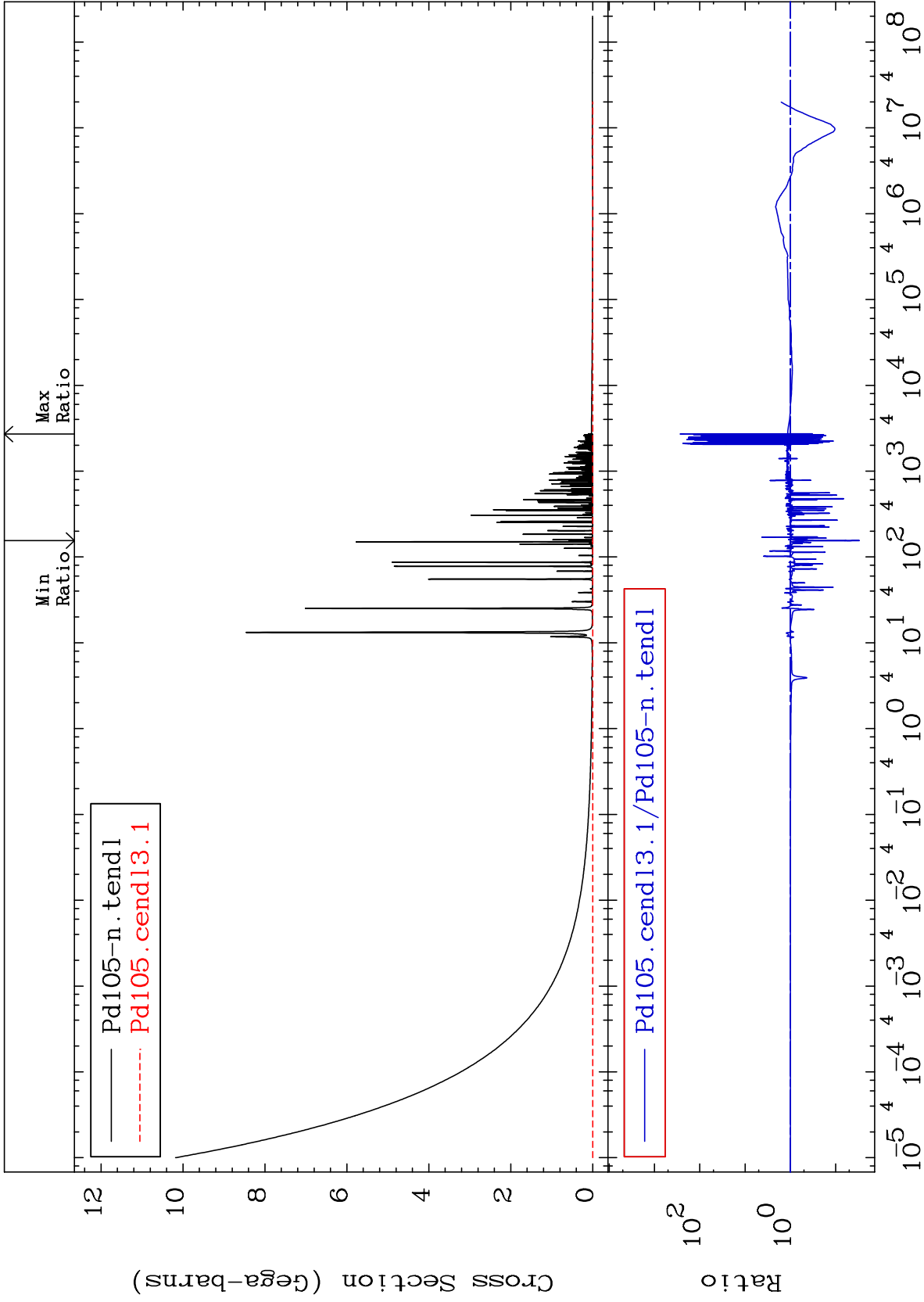
46-Pd-105  
-97.02 To 9999. %



MAT 4634

Total photon (eV-barns)  
Cross Section

46-Pd-105  
-97.02 To 9999. %



31

Incident Energy (eV)

46-Pd-105

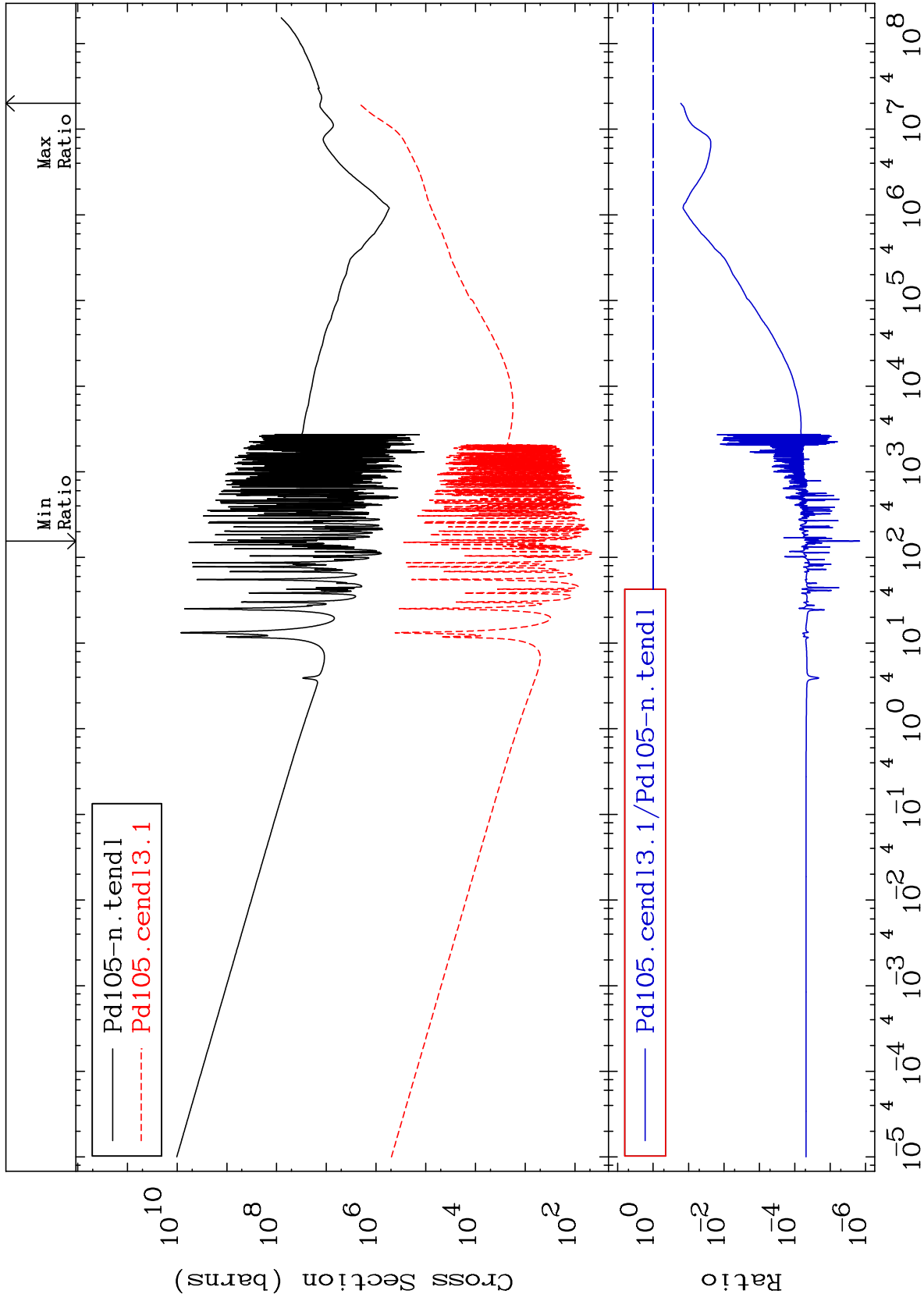
MAT 4634

Total kinematic kerma (high limit)

46-Pd-105

Cross Section

-100.0 To -83.42%

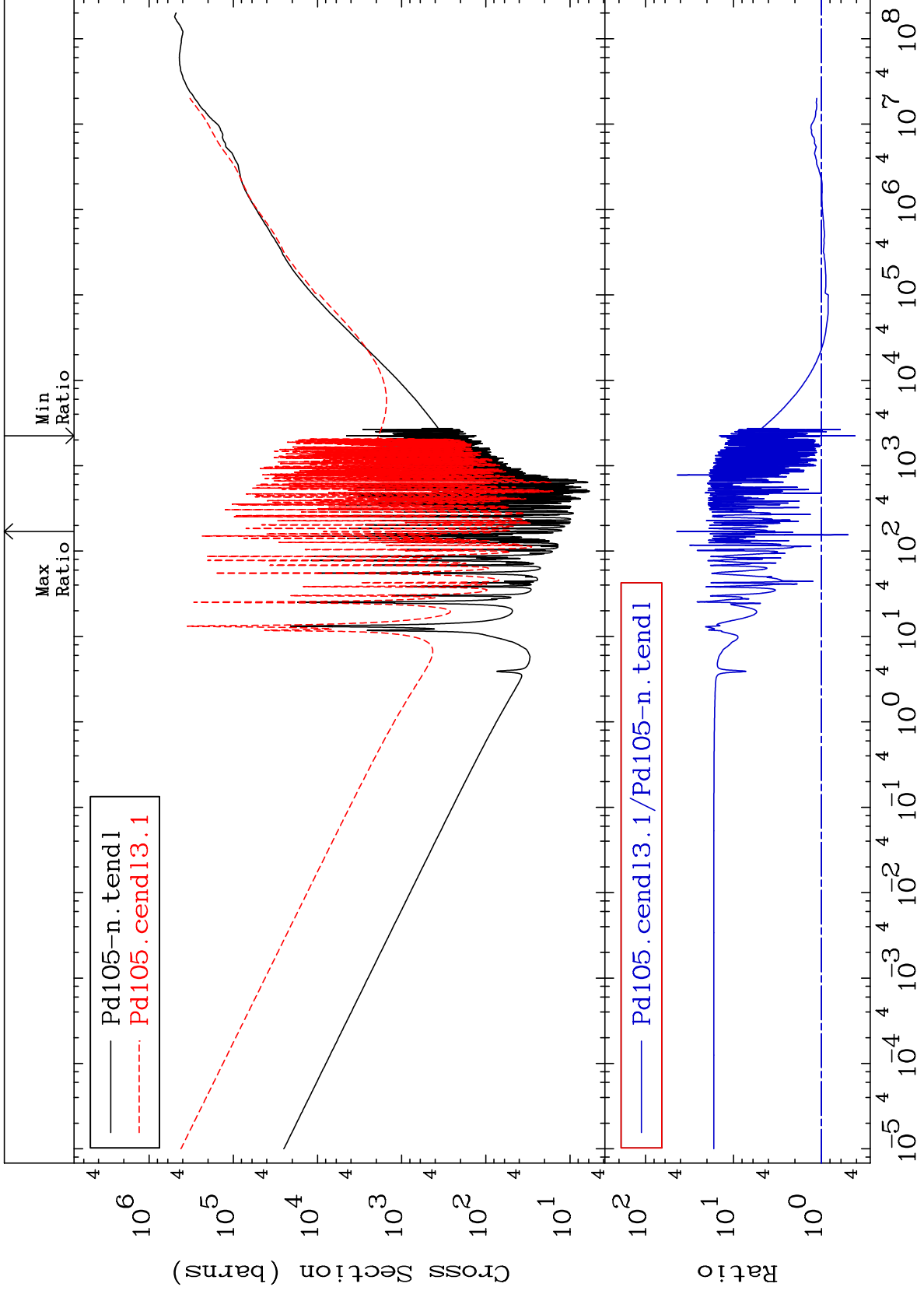




MAT 4634

Dpa total (eV-barns)  
Cross Section

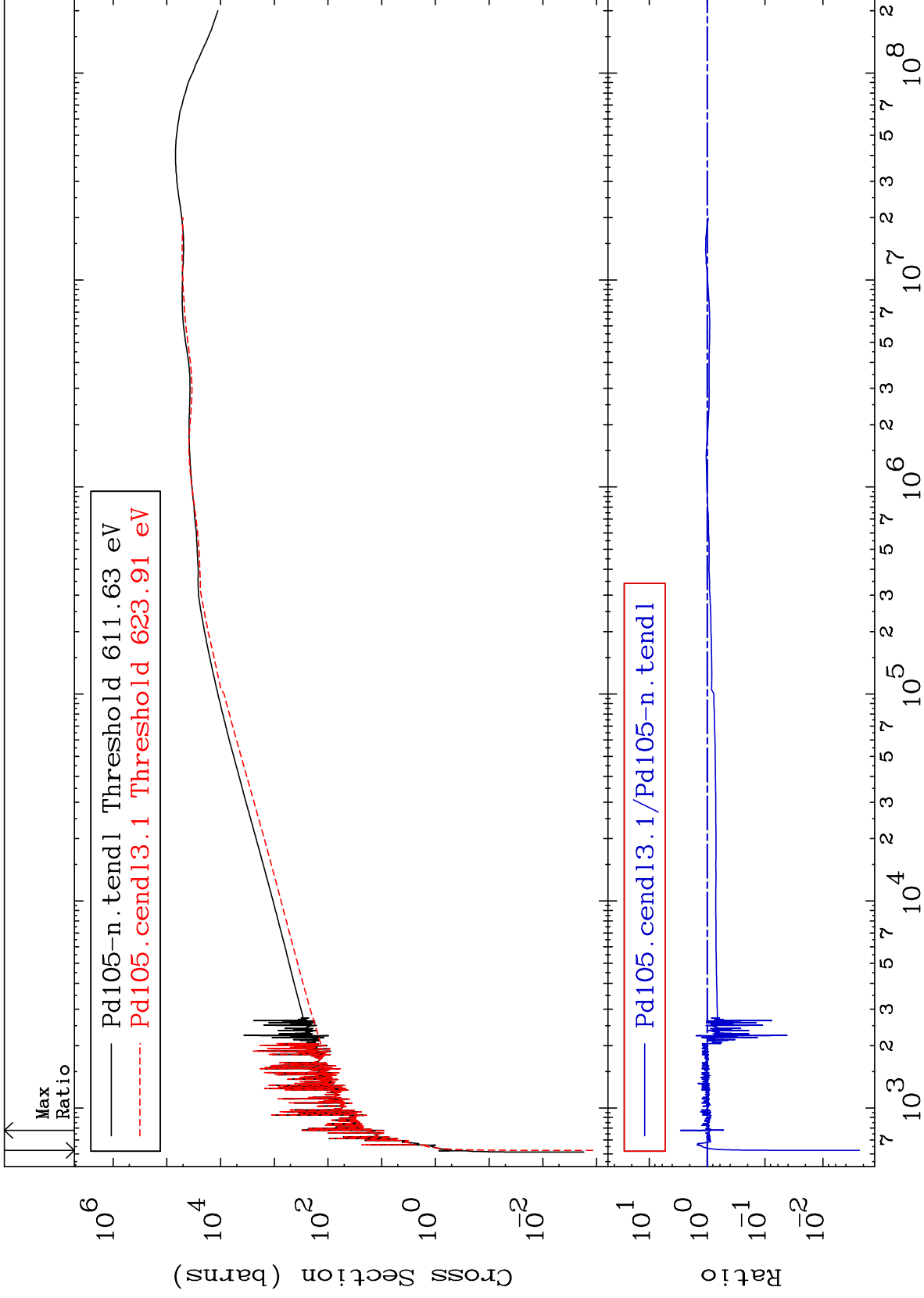
46-Pd-105  
-58.57 To 4289. %



MAT 4634

Dpa elastic (mt2)  
Cross Section

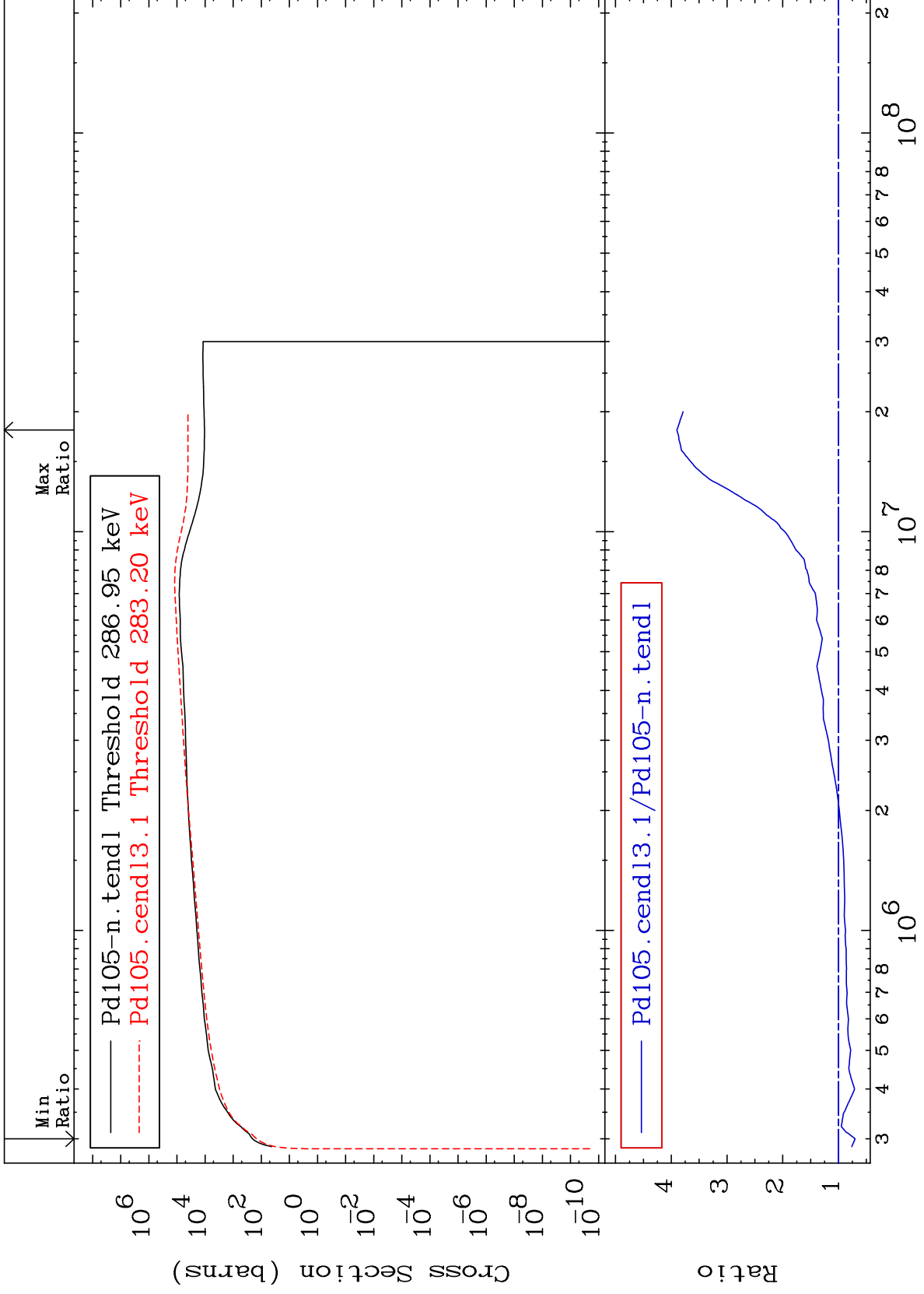
46-Pd-105  
-99.77 To 190.1 %



MAT 4634

Dpa inelastic (mt51-91)  
Cross Section

46-Pd-105  
-29.76 To 289.9 %



35

Incident Energy (eV)

46-Pd-105

MAT 4634

Dpa disappearance (mt102 -120)  
Cross Section

46-Pd-105  
-62.56 To 9999. %

