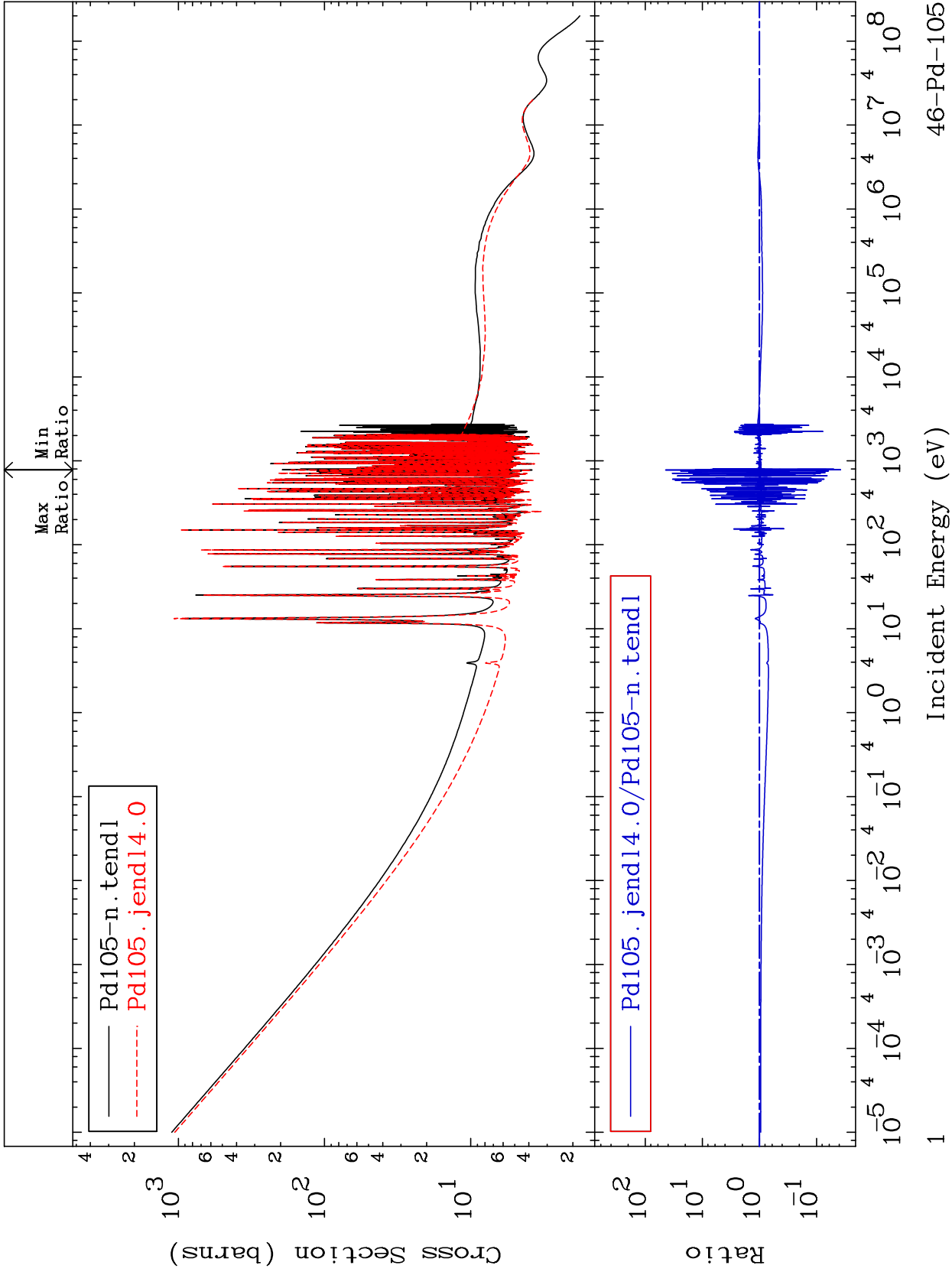


MAT 4634

Total  
Cross Section

46-Pd-105  
-96.22 To 4327. %

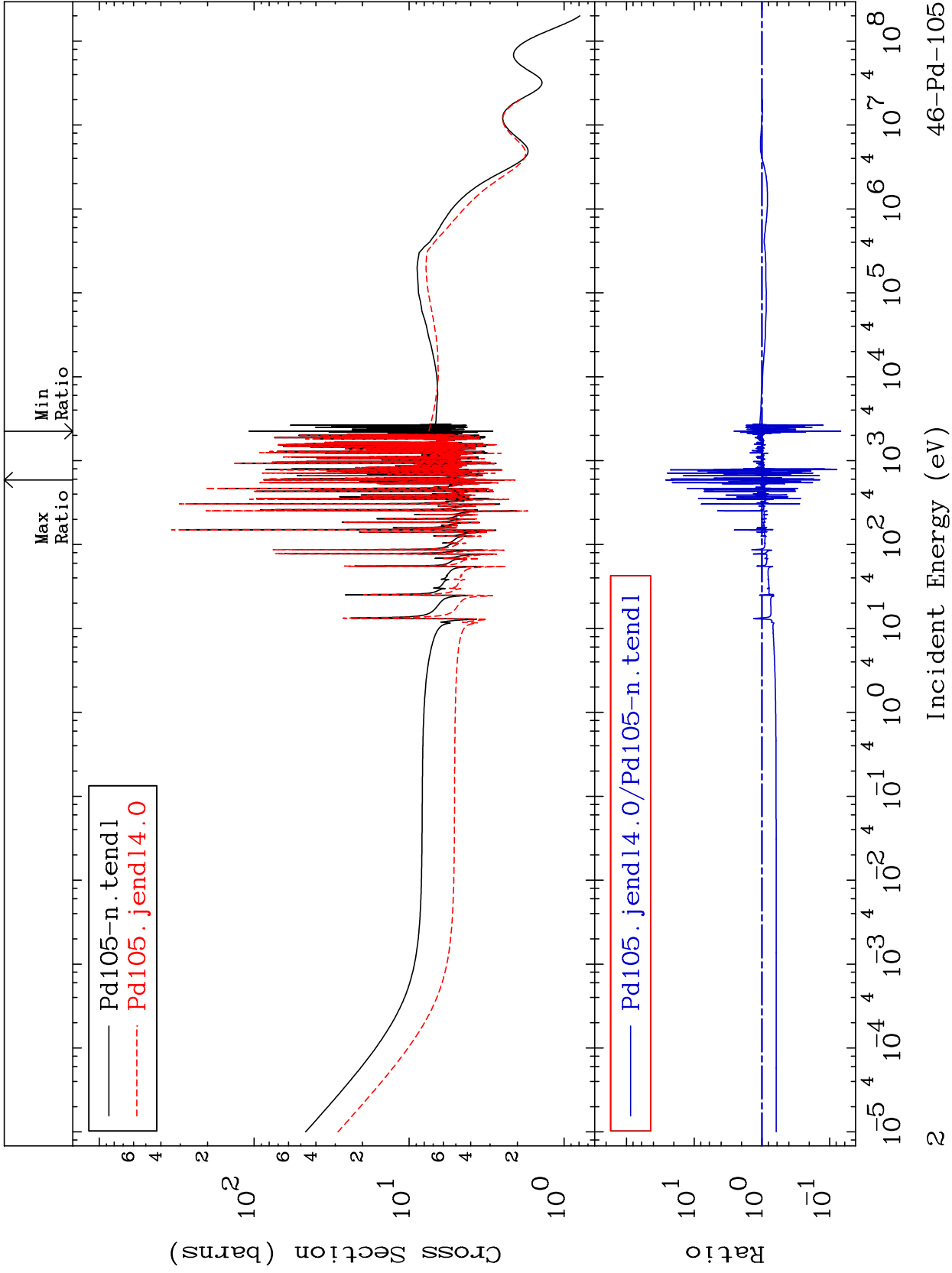


46-Pd-105

Incident Energy (eV)

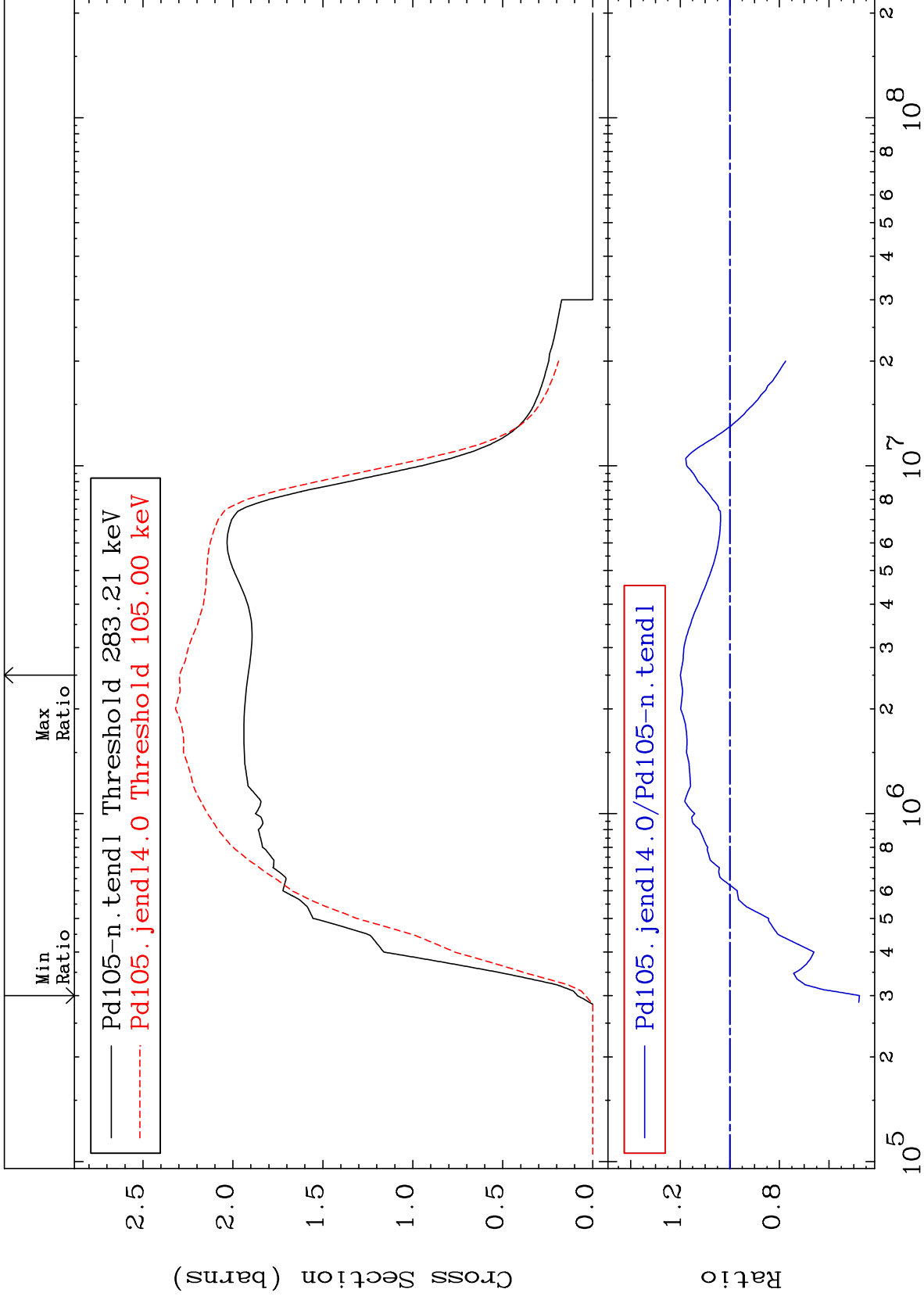
MAT 4634

Elastic Cross Section  
46-Pd-105  
-93.11 To 2558. %



MAT 4634

Inelastic Cross Section  
46-Pd-105  
-52.29 To 19.97 %



Incident Energy (eV)

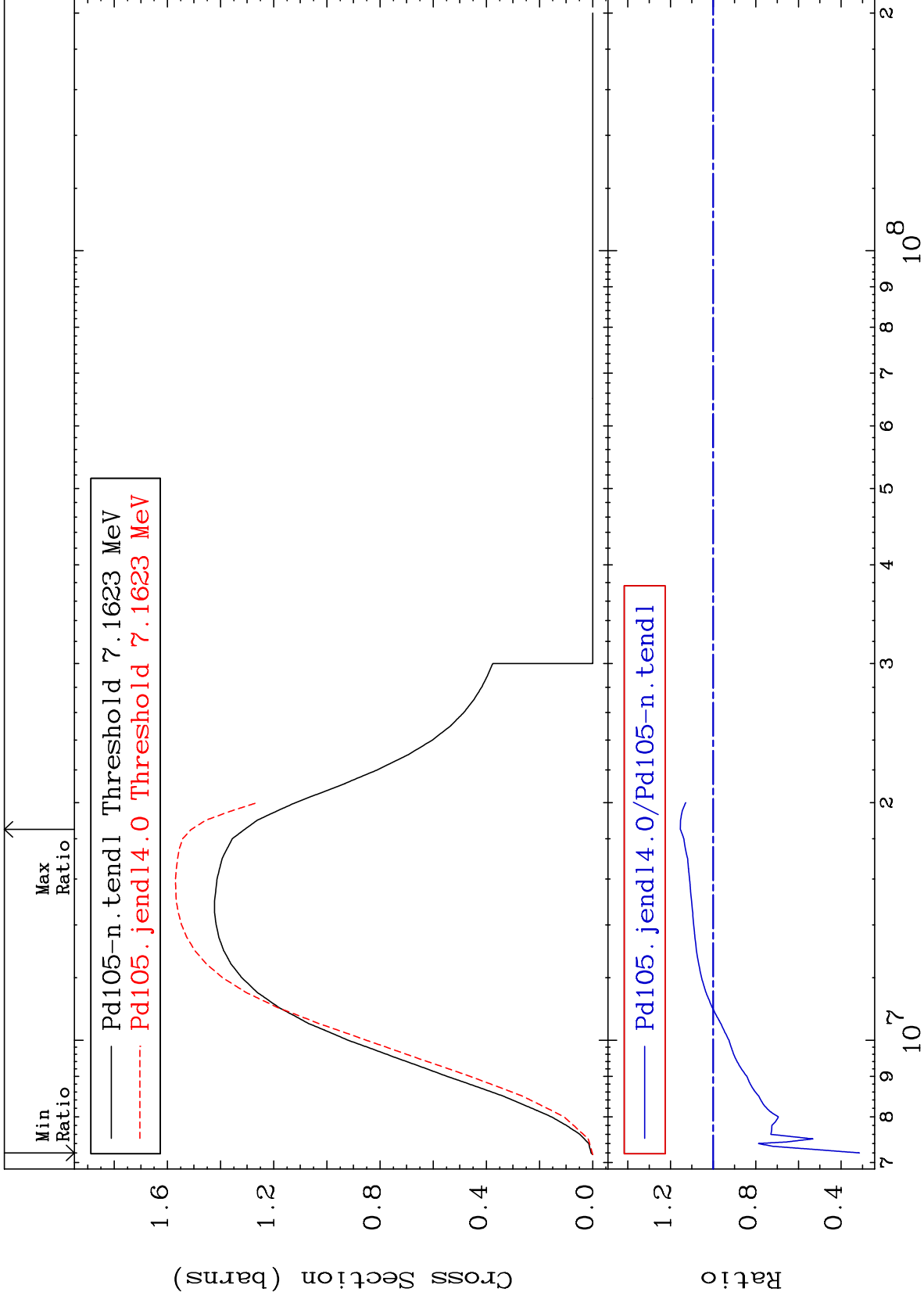
46-Pd-105

3

MAT 4634

(n,2n)  
Cross Section

46-Pd-105  
-68.56 To 15.38 %



4

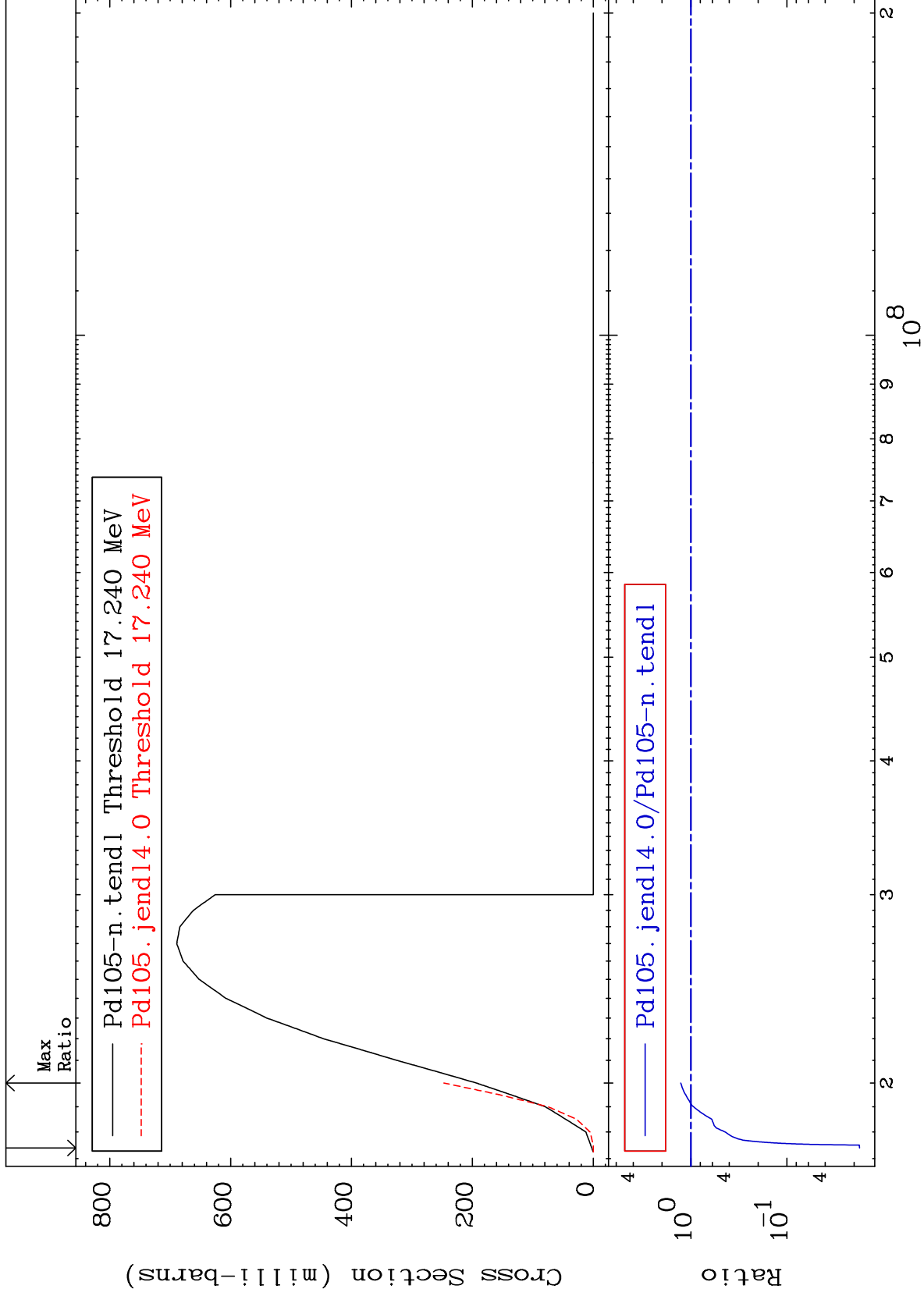
Incident Energy (eV)

46-Pd-105

MAT 4634

(n,3n)  
Cross Section

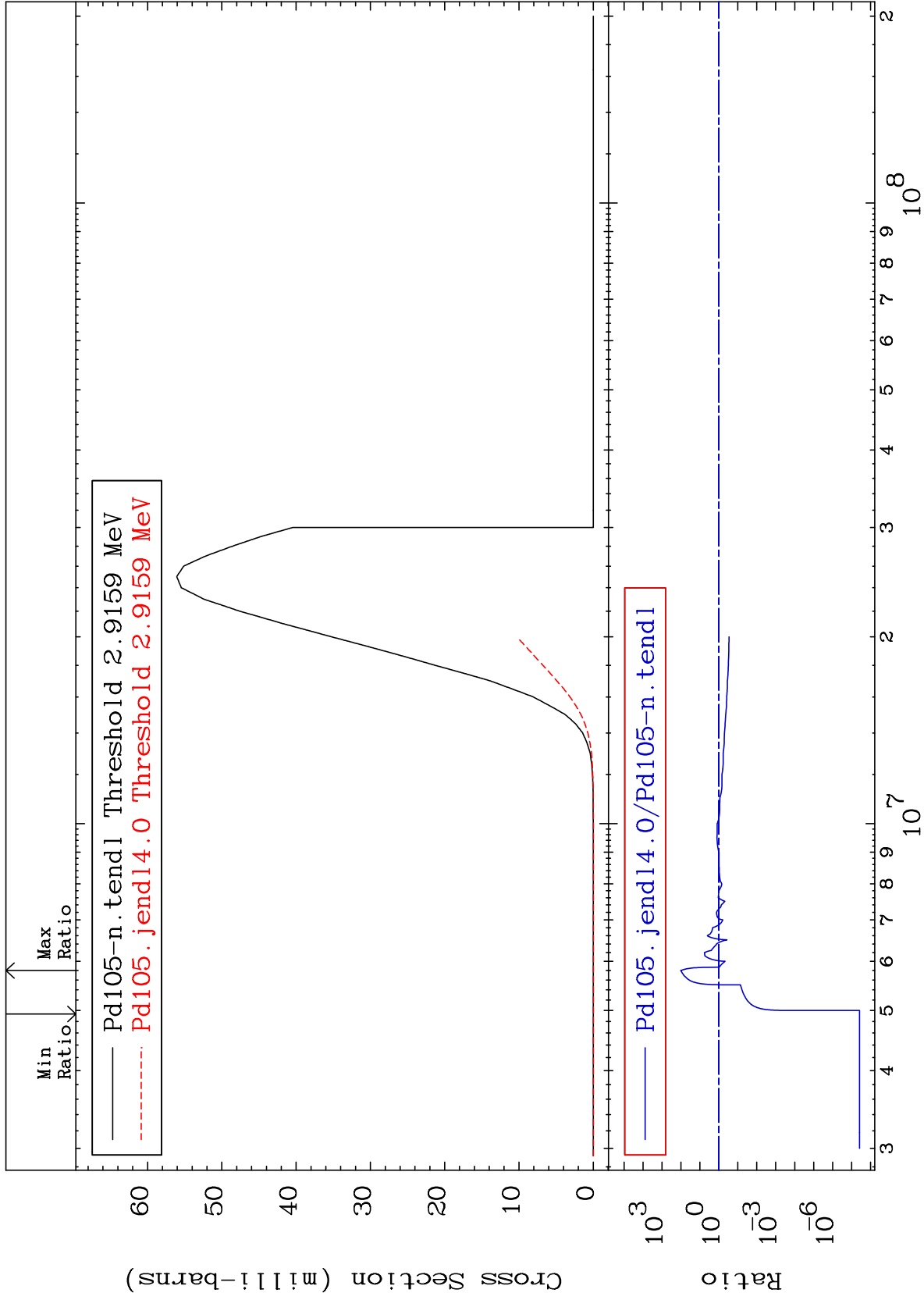
46-Pd-105  
-98.25 To 27.76 %



MAT 4634

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

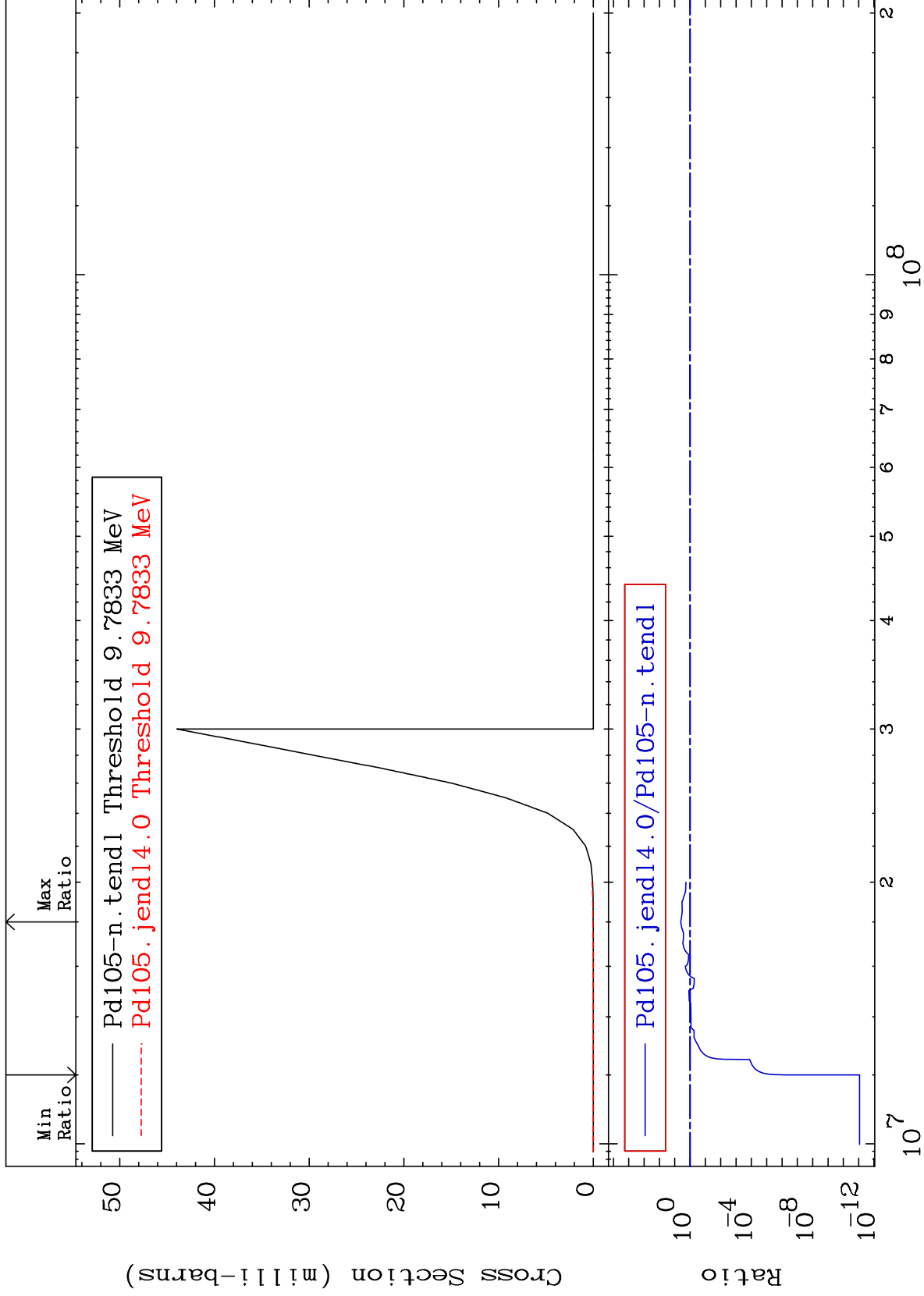
46-Pd-105  
-100.0 To 9999. %



MAT 4634

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

46-Pd-105  
-100.0 To 303.0 %



7

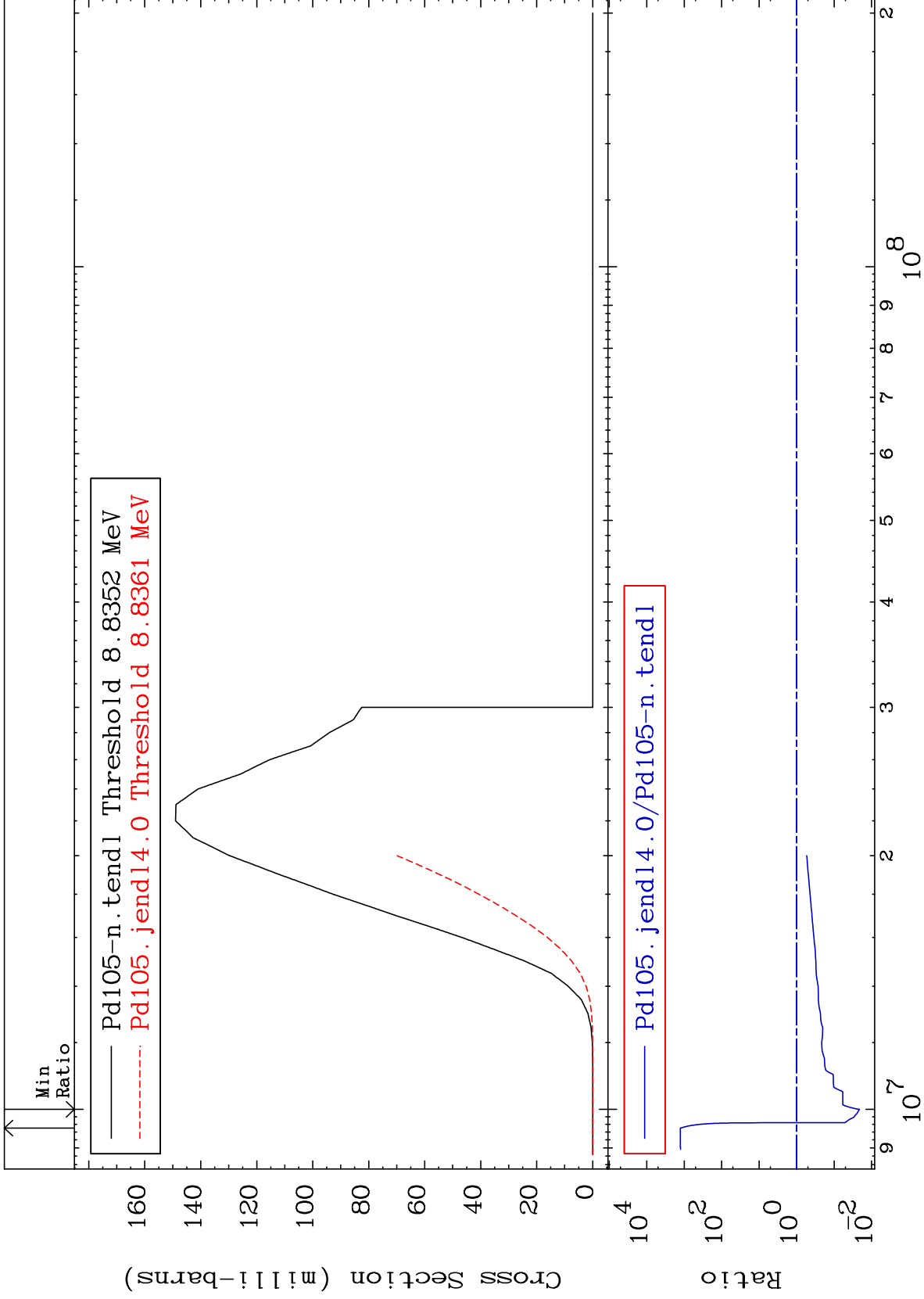
Incident Energy (eV)

46-Pd-105

MAT 4634

(n,n') p  
Cross Section

46-Pd-105  
-97.89 To 9999. %



8

Incident Energy (eV)

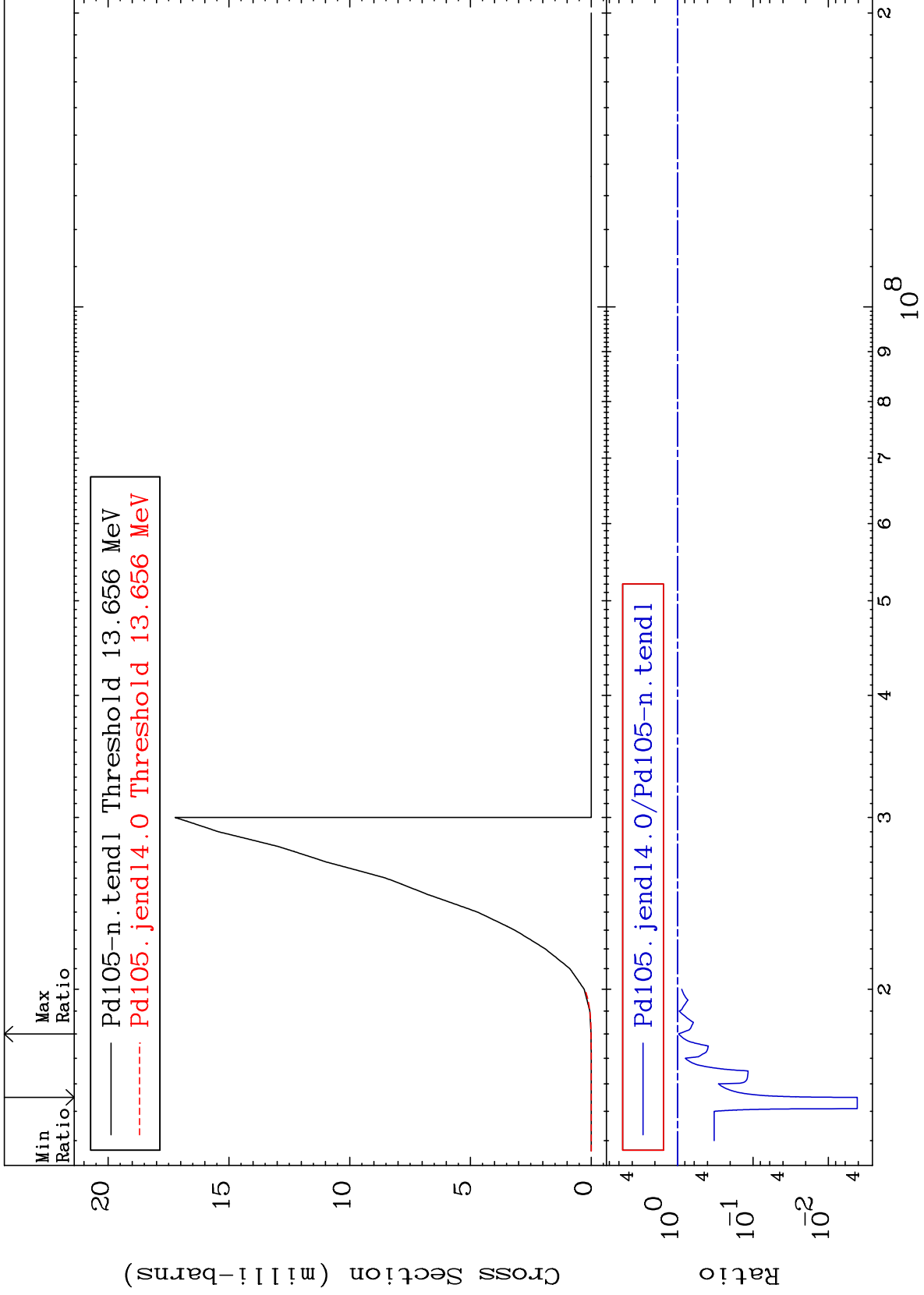
46-Pd-105



MAT 4634

(n,n') d  
Cross Section

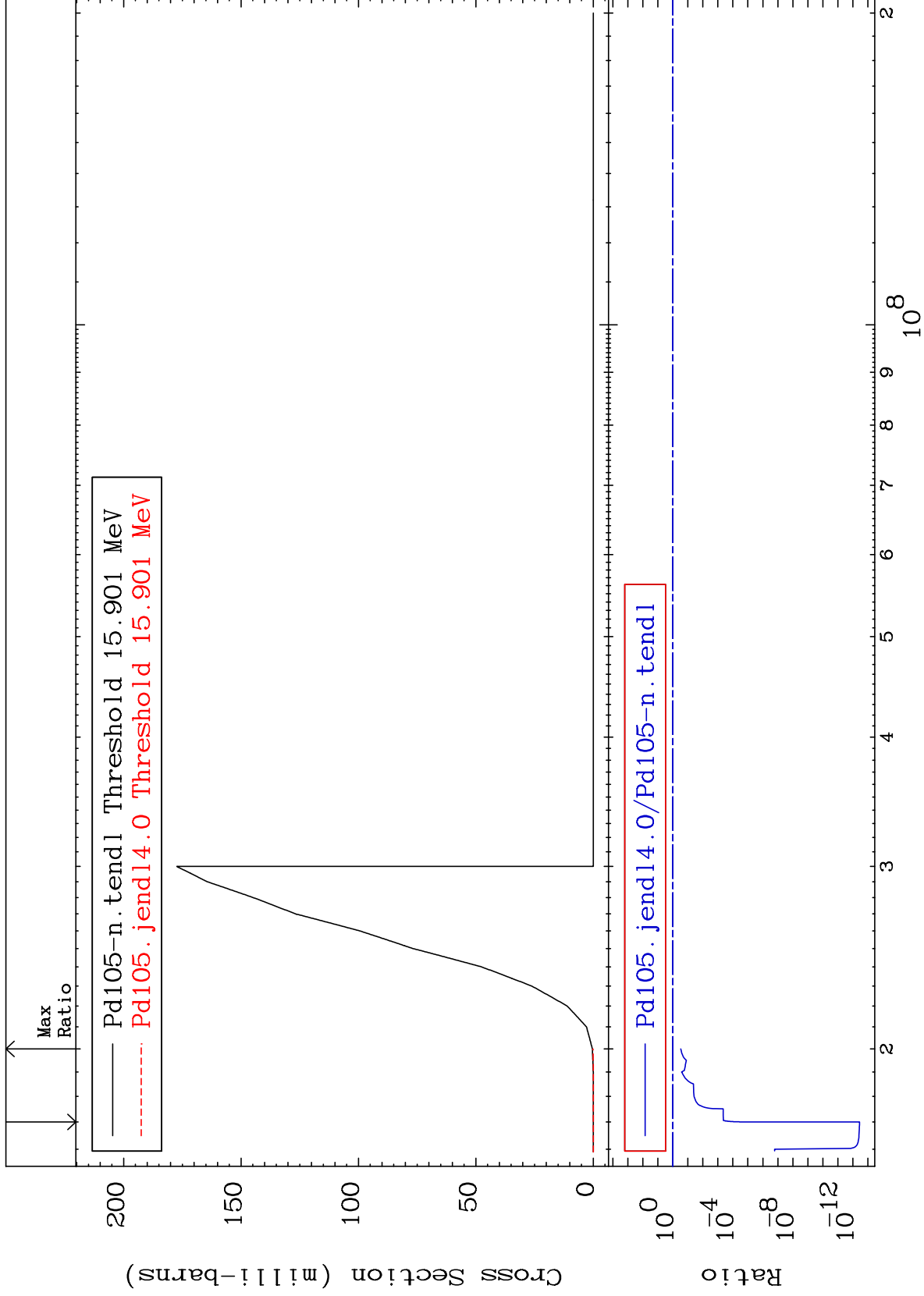
46-Pd-105  
-99.59 To -3.313%



MAT 4634

(n,2n) p  
Cross Section

46-Pd-105  
-100.0 To -70.50%



10

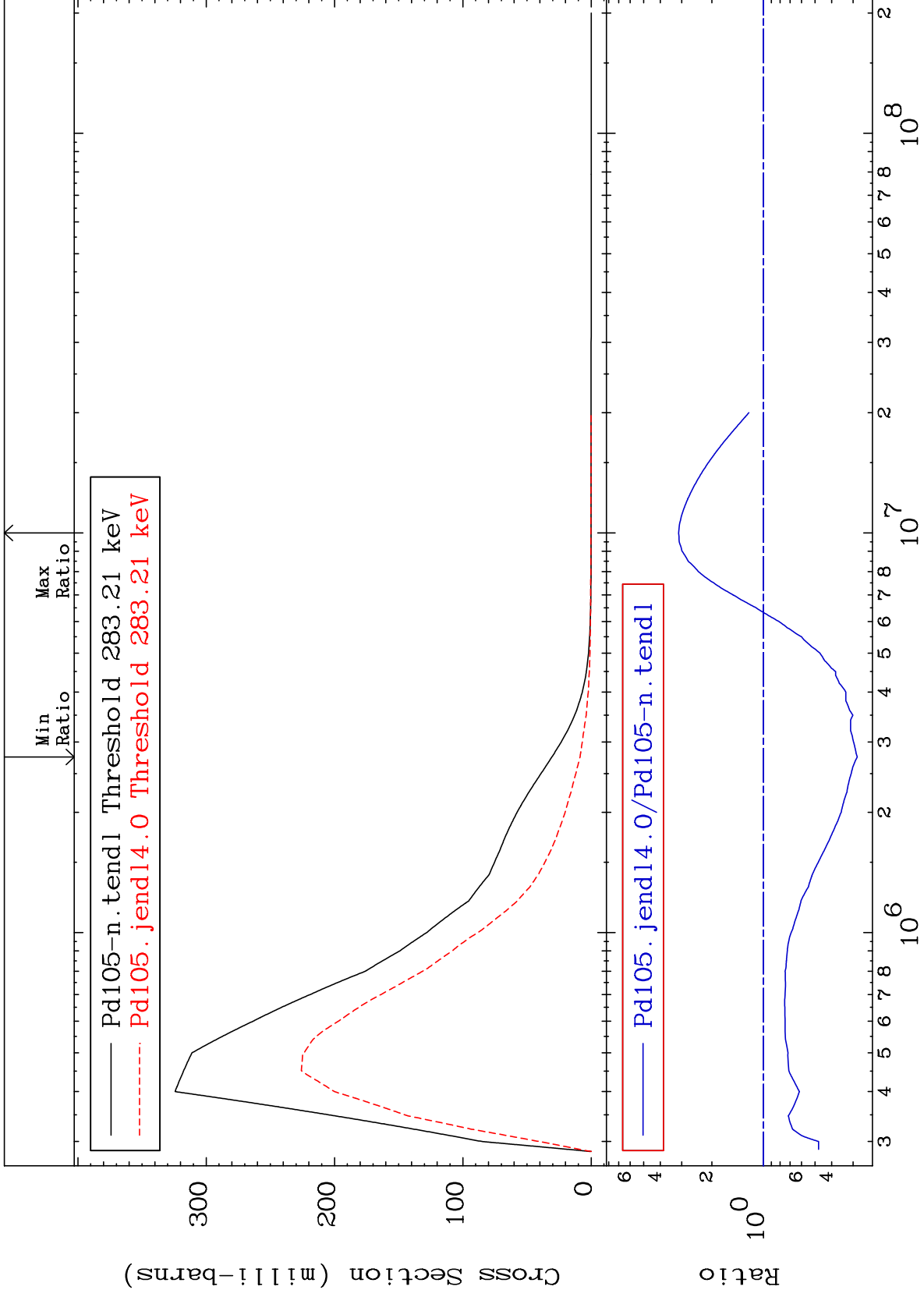
Incident Energy (eV)

46-Pd-105

MAT 4634

280.5 keV (n,n') Level  
Cross Section

46-Pd-105  
-71.65 To 212.5 %



11

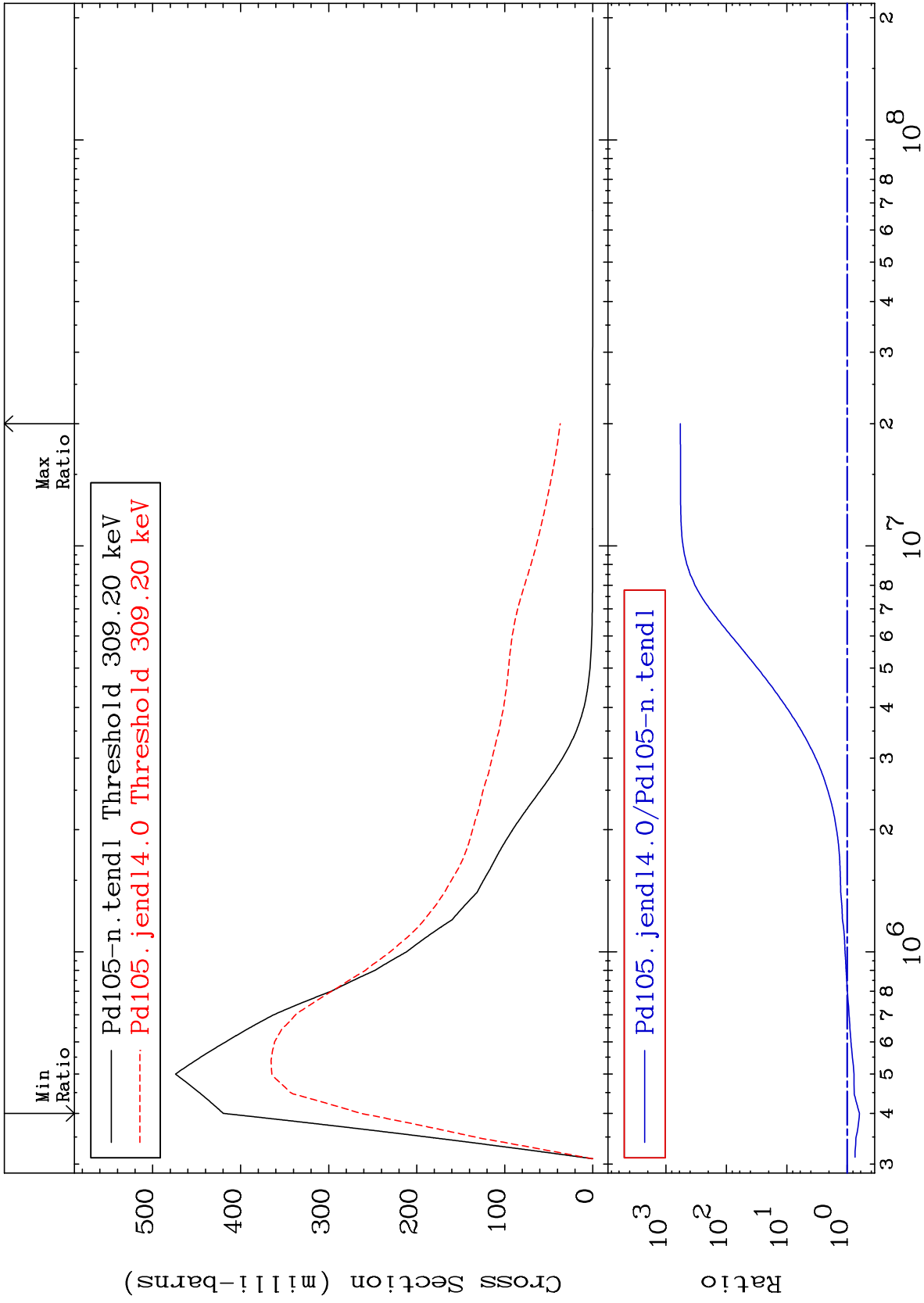
Incident Energy (eV)

46-Pd-105

MAT 4634

306.2 keV (n,n') Level  
Cross Section

46-Pd-105  
-37.24 To 9999. %



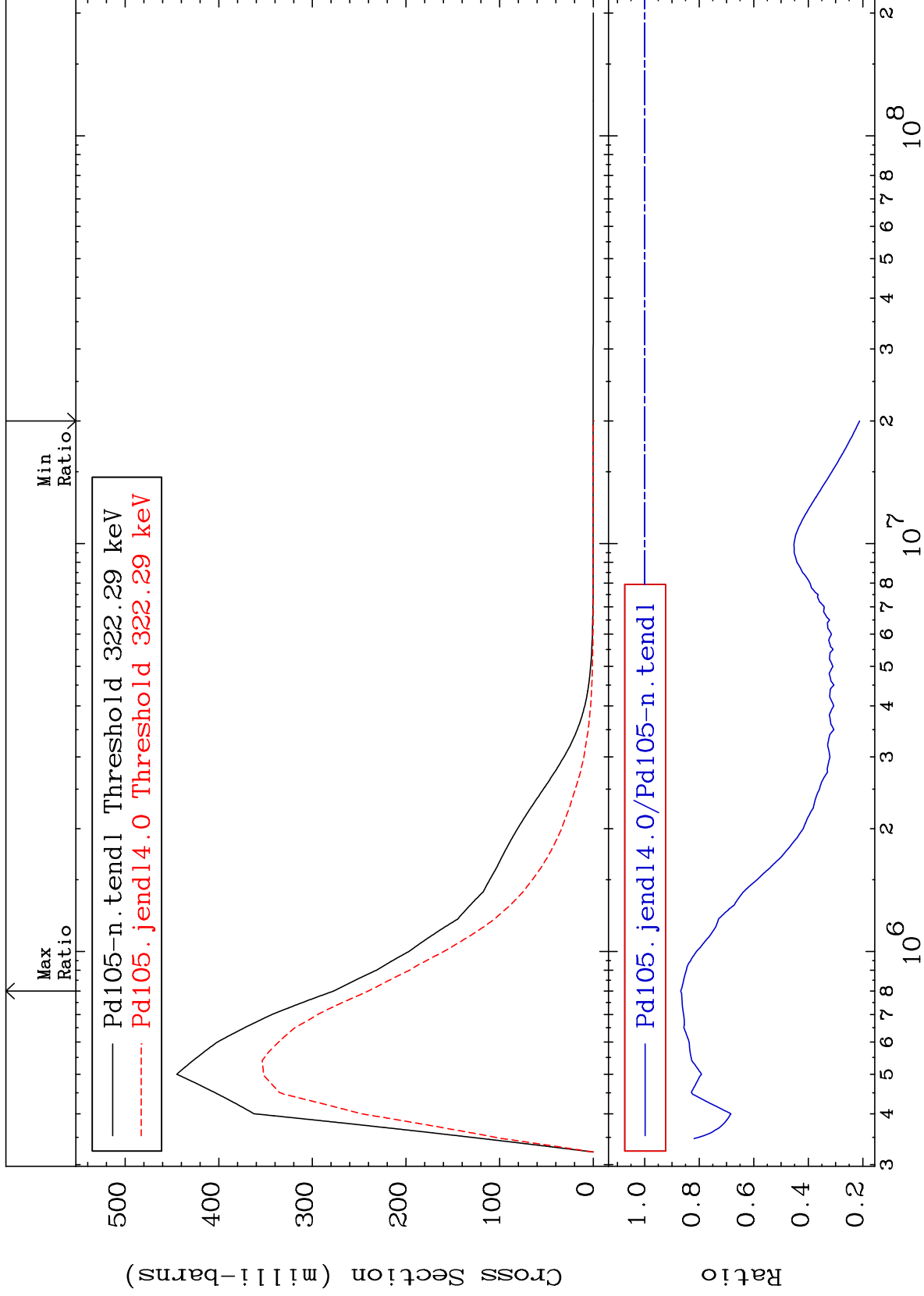
12

46-Pd-105

MAT 4634

319.2 keV (n,n') Level  
Cross Section

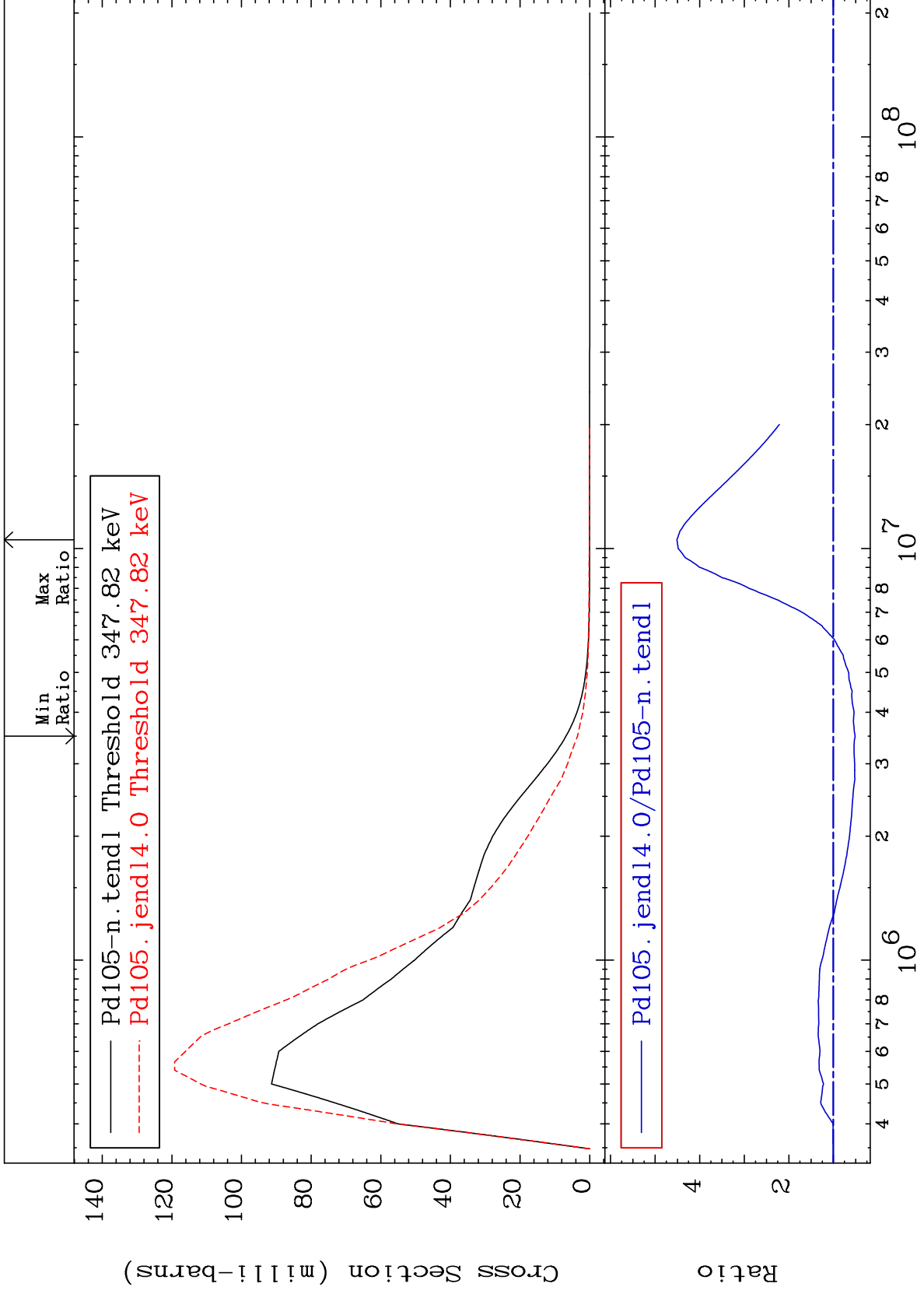
46-Pd-105  
-78.80 To -13.24%



MAT 4634

344.5 keV (n,n') Level  
Cross Section

46-Pd-105  
-48.68 To 351.1 %



14

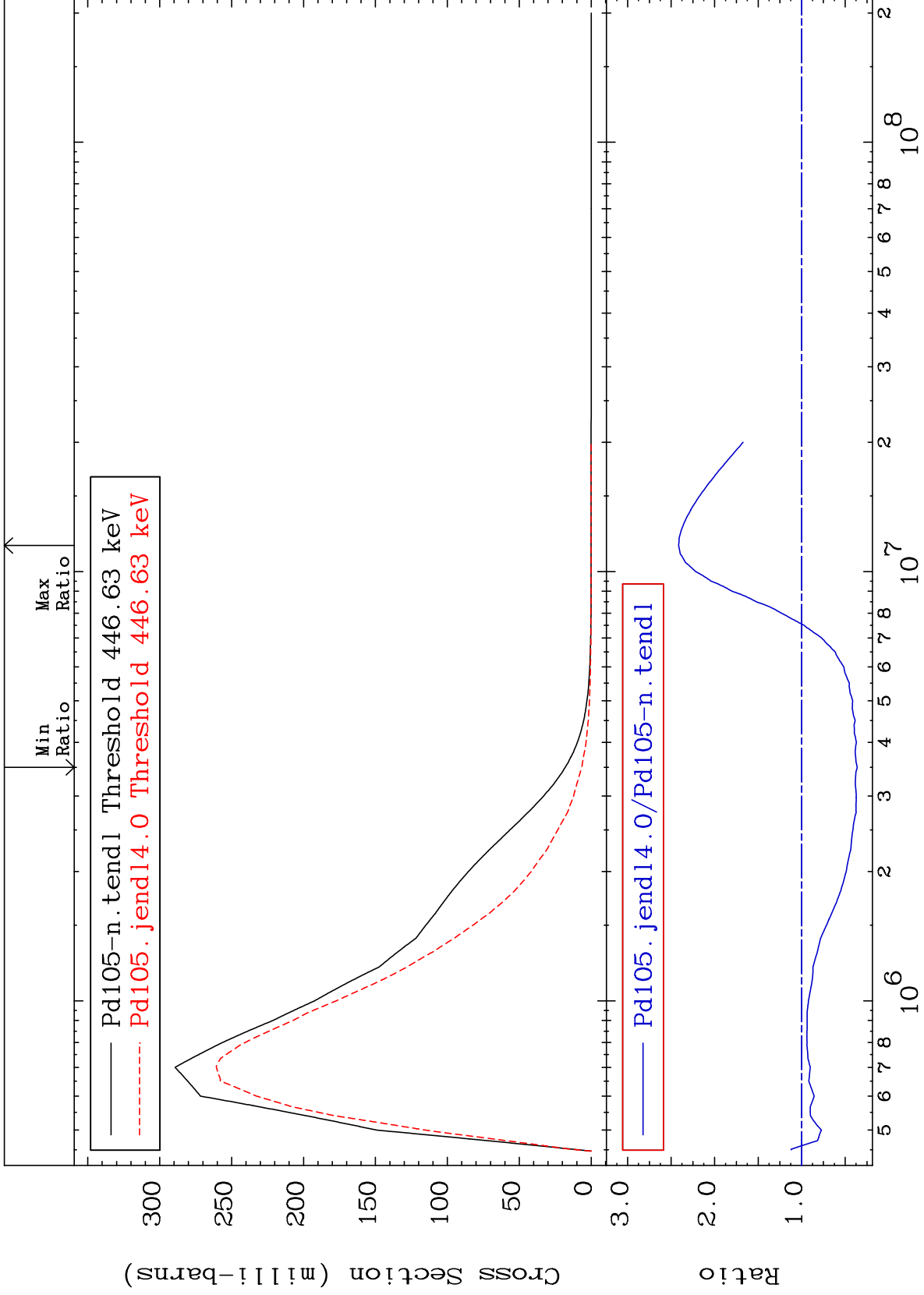
Incident Energy (eV)

46-Pd-105

MAT 4634

442.4 keV (n,n') Level  
Cross Section

46-Pd-105  
-63.87 To 141.4 %



15

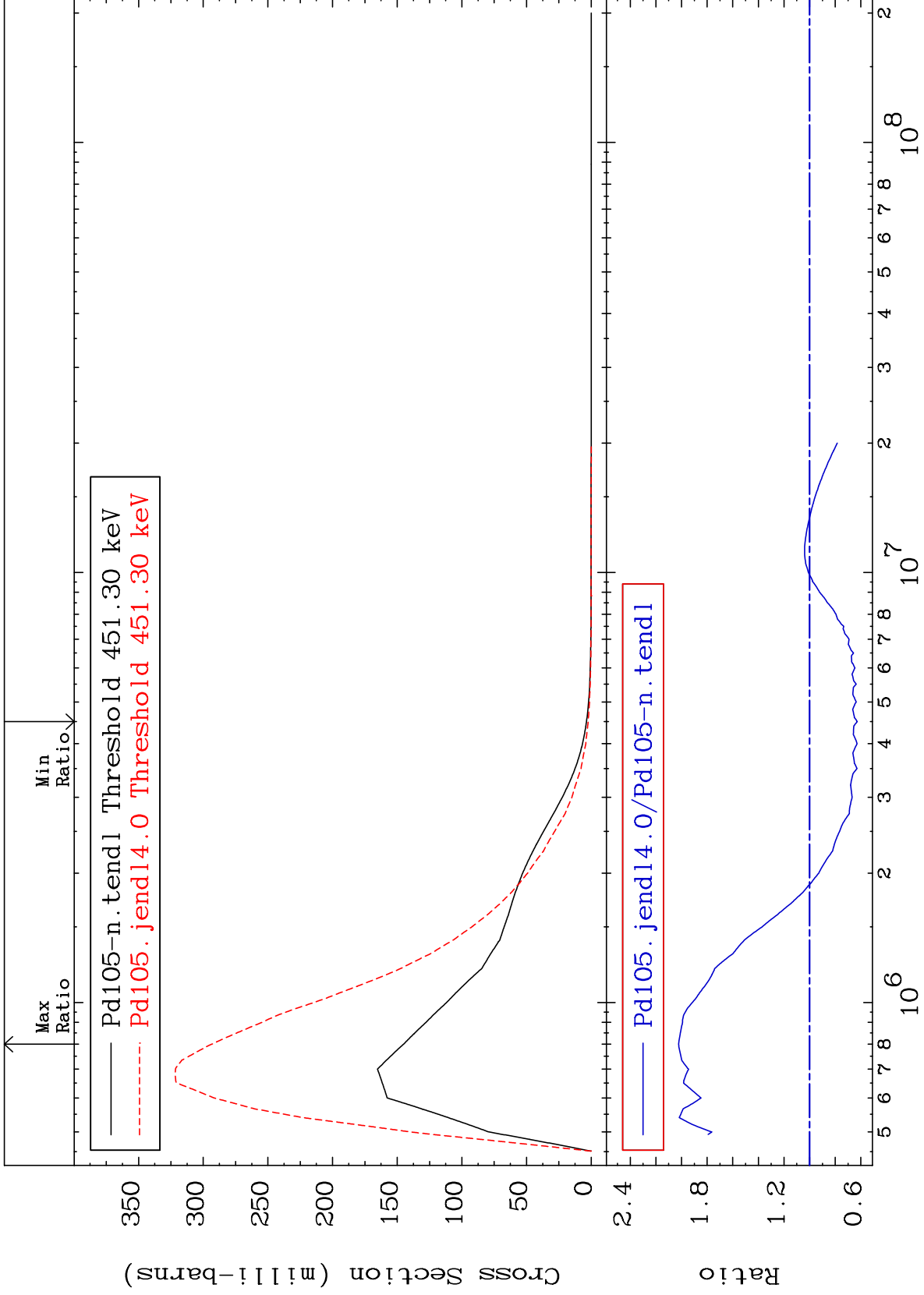
Incident Energy (eV)

46-Pd-105

MAT 4634

447.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-37.18 To 102.2 %



16

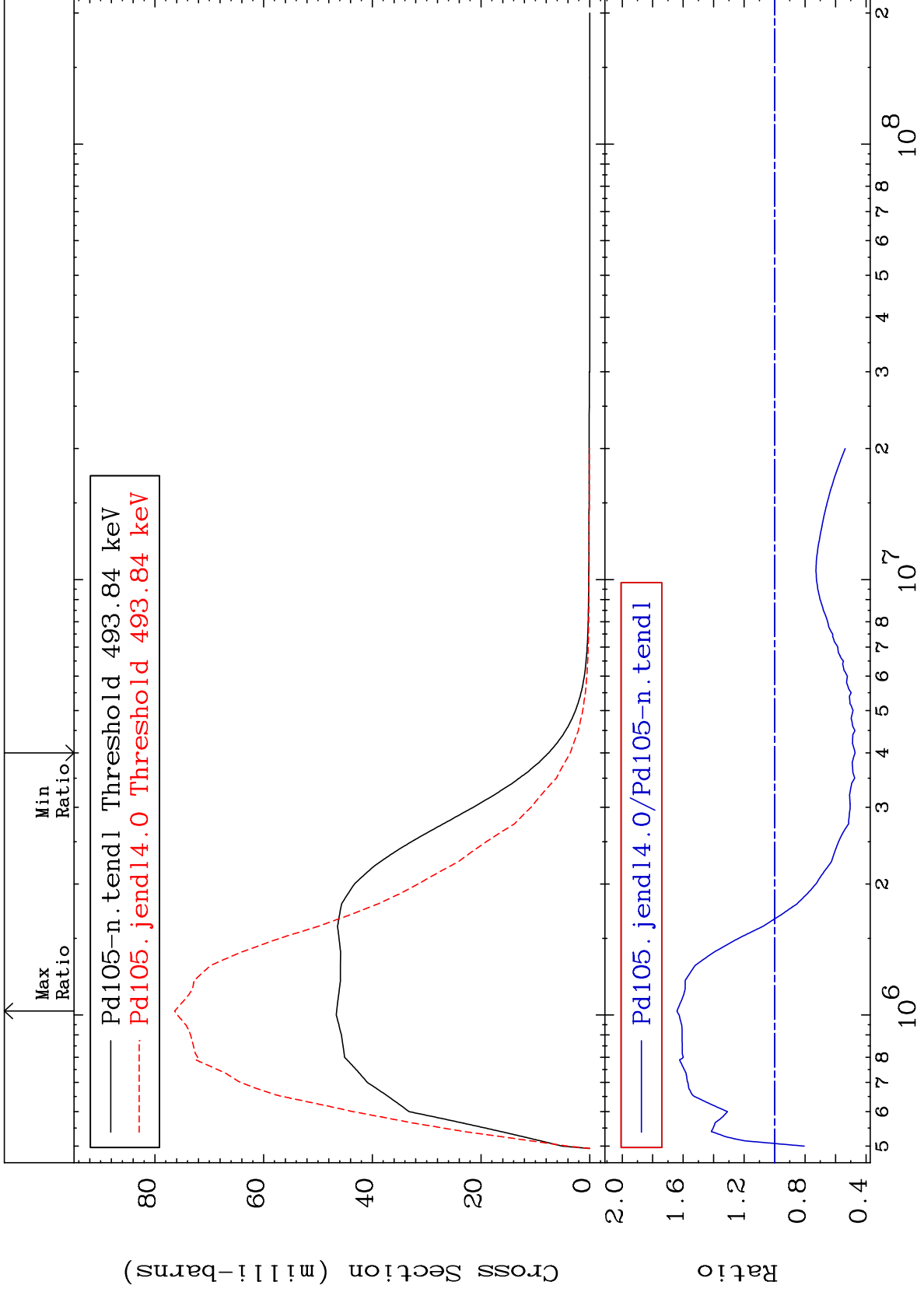
46-Pd-105



MAT 4634

489.1 keV (n,n') Level  
Cross Section

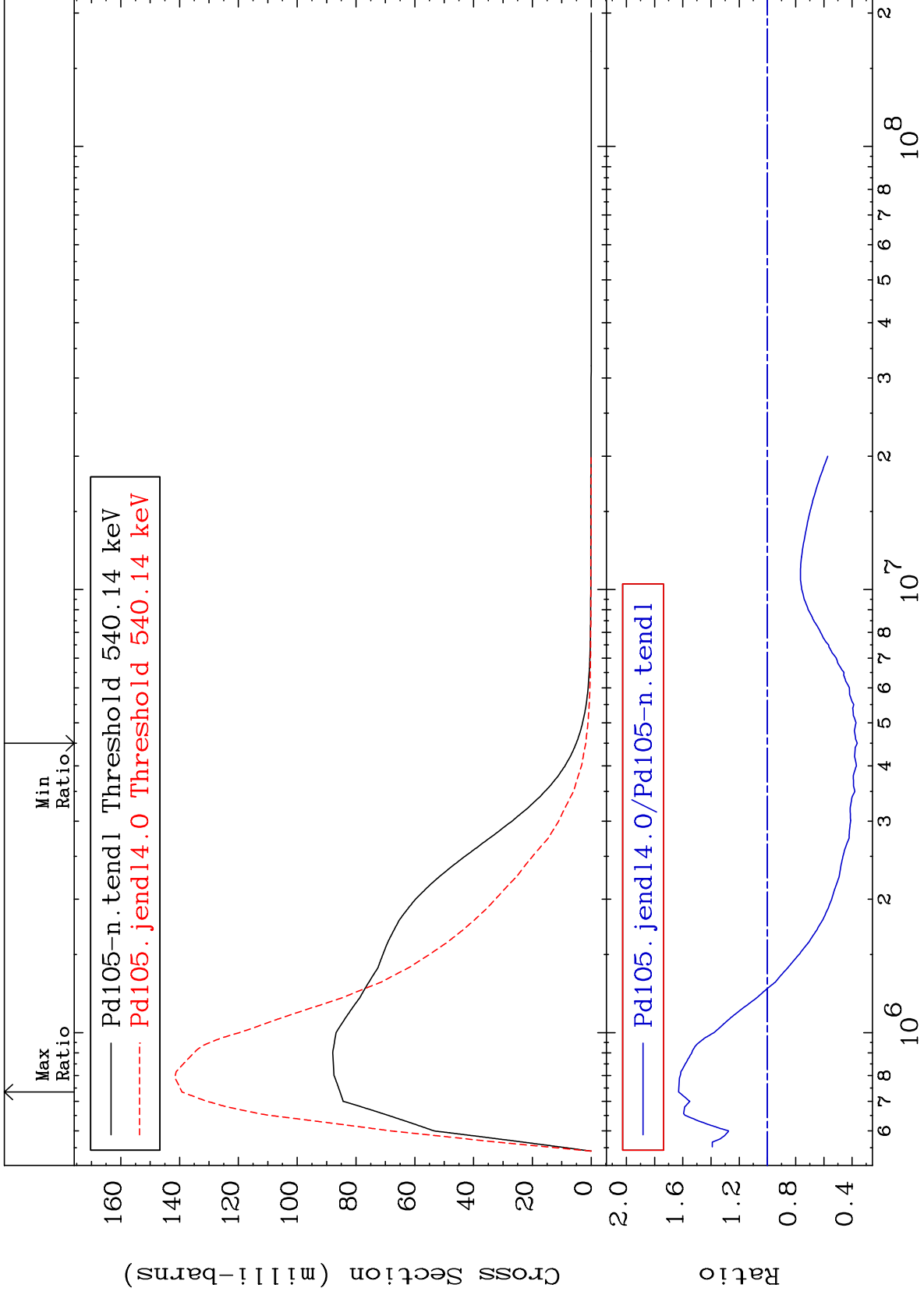
46-Pd-105  
-52.83 To 64.10 %



MAT 4634

535.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-63.64 To 62.95 %



18

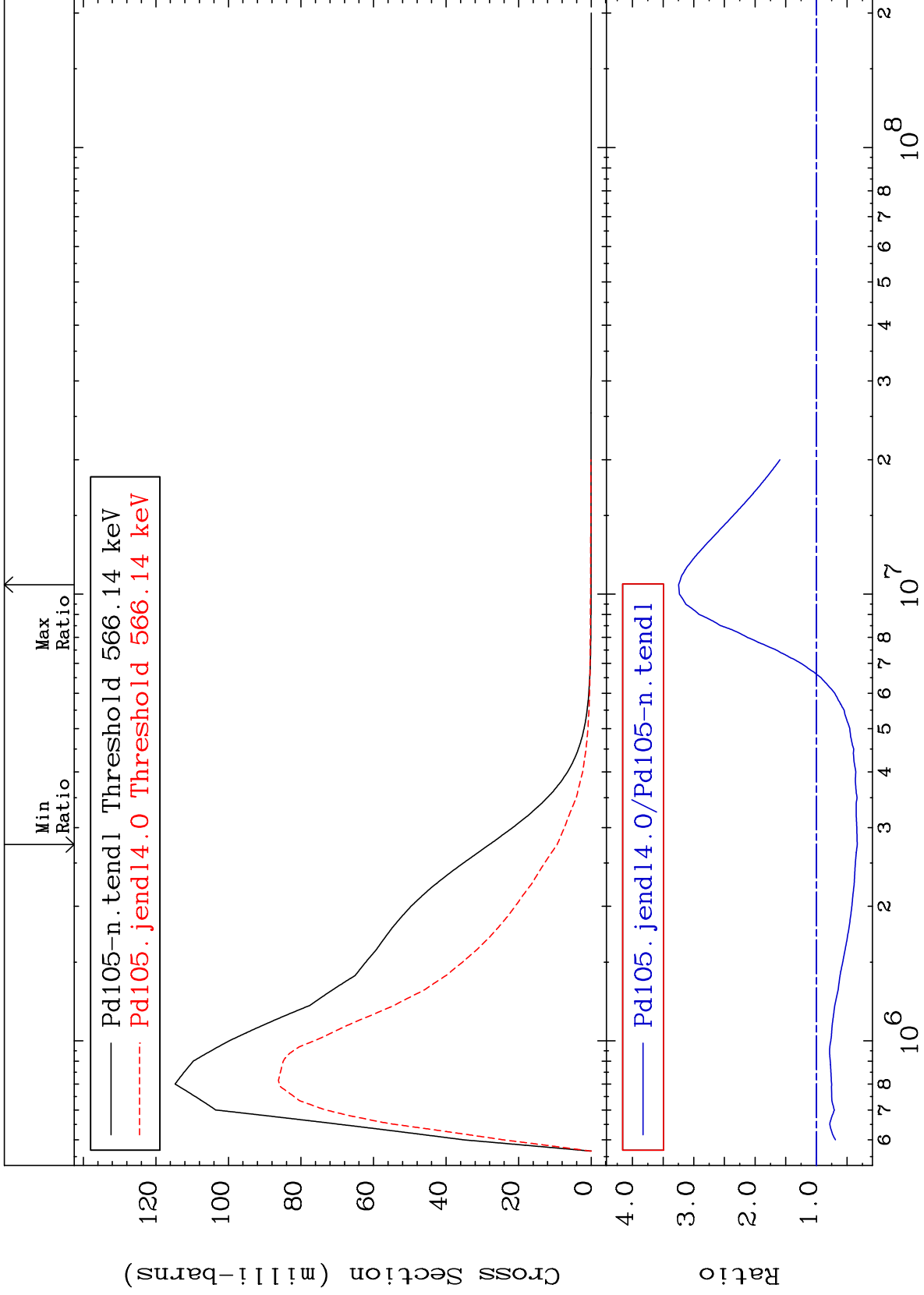
Incident Energy (eV)

46-Pd-105

MAT 4634

560.8 keV (n,n') Level  
Cross Section

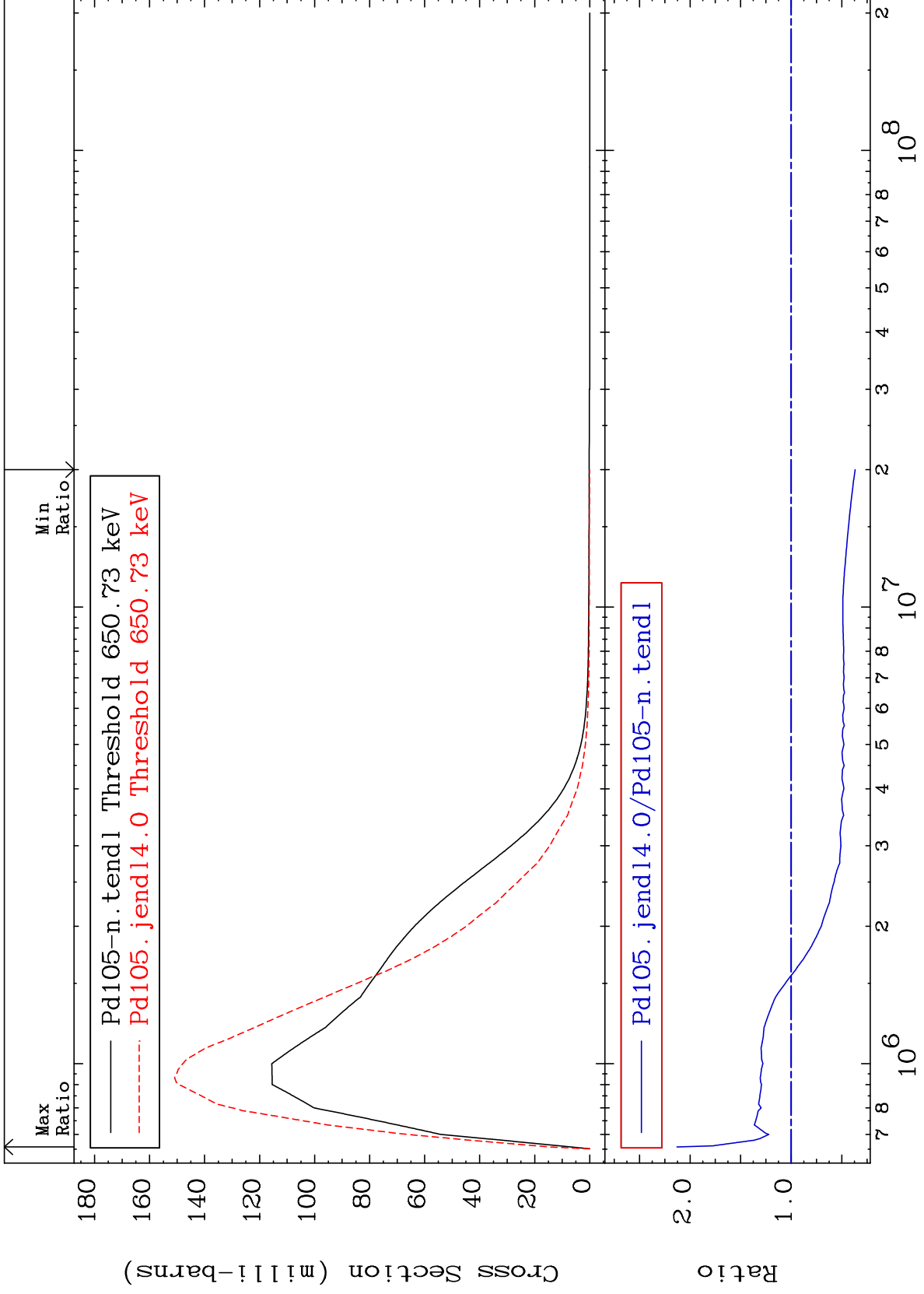
46-Pd-105  
-66.64 To 224.7 %



MAT 4634

644.5 keV (n,n') Level  
Cross Section

46-Pd-105  
-63.13 To 113.0 %



20

46-Pd-105

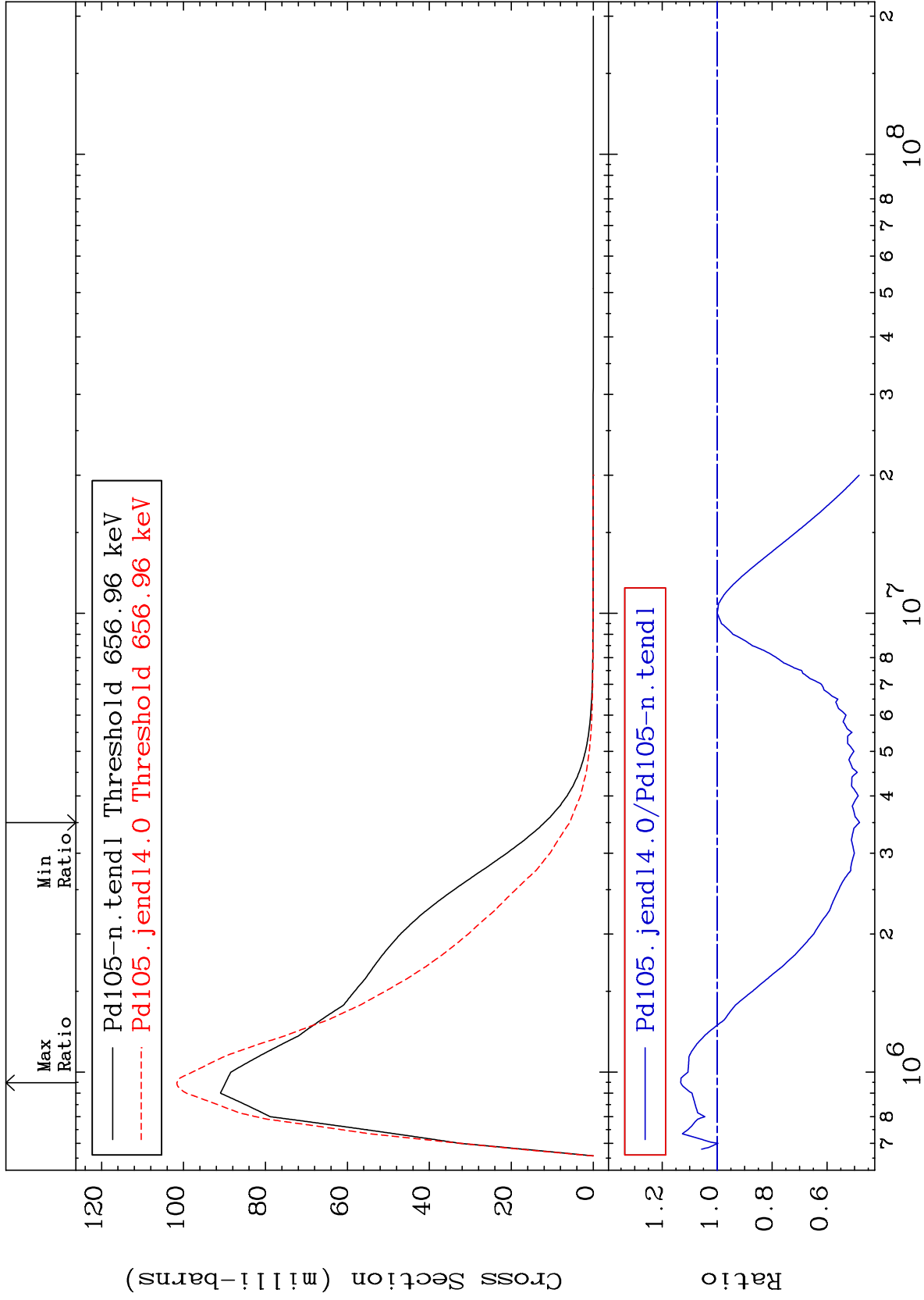
MAT 4634

650.7 keV (n,n') Level

46-Pd-105

-51.84 To 13.24 %

Cross Section



21

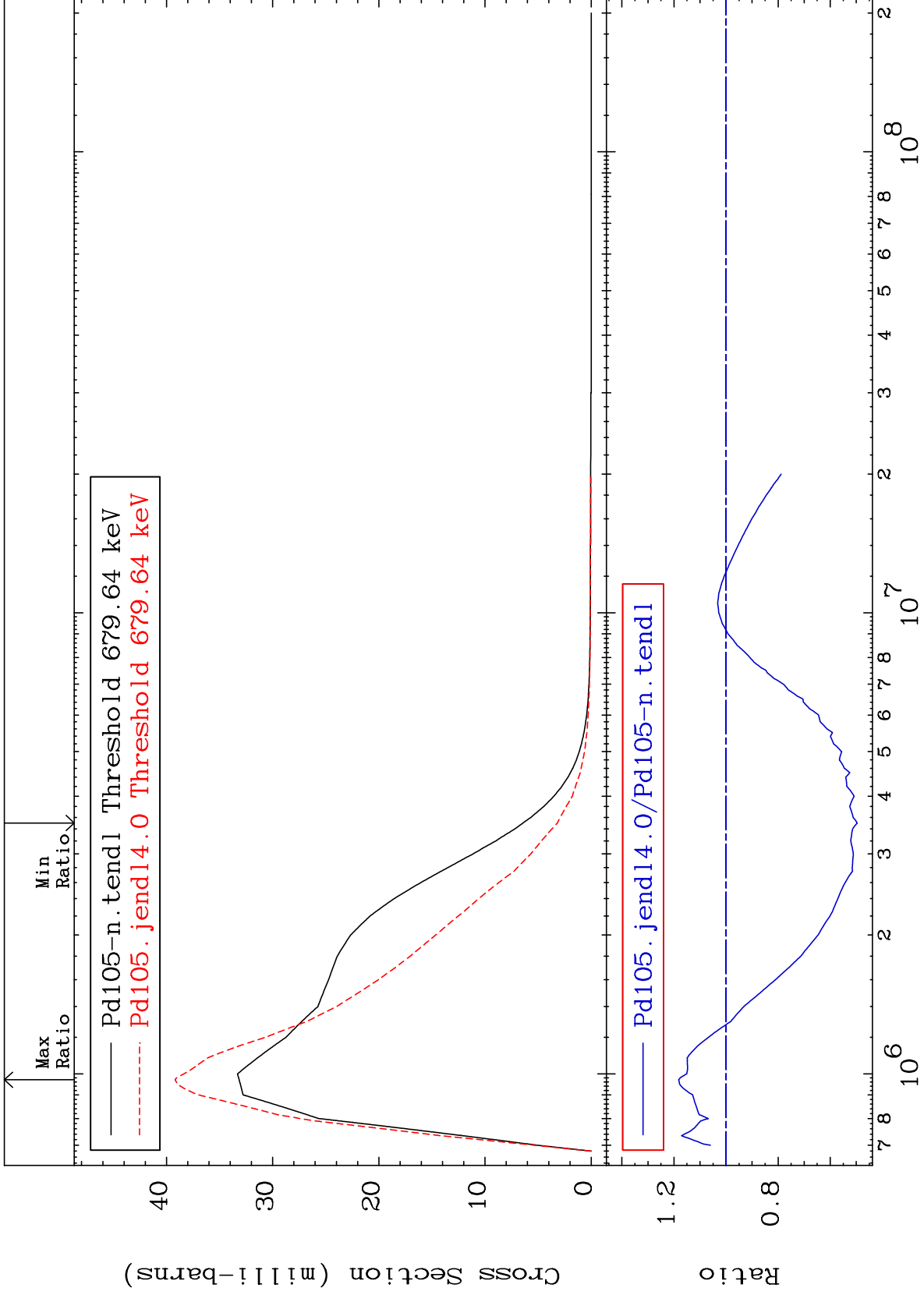
Incident Energy (eV)

46-Pd-105

MAT 4634

673.2 keV (n,n') Level  
Cross Section

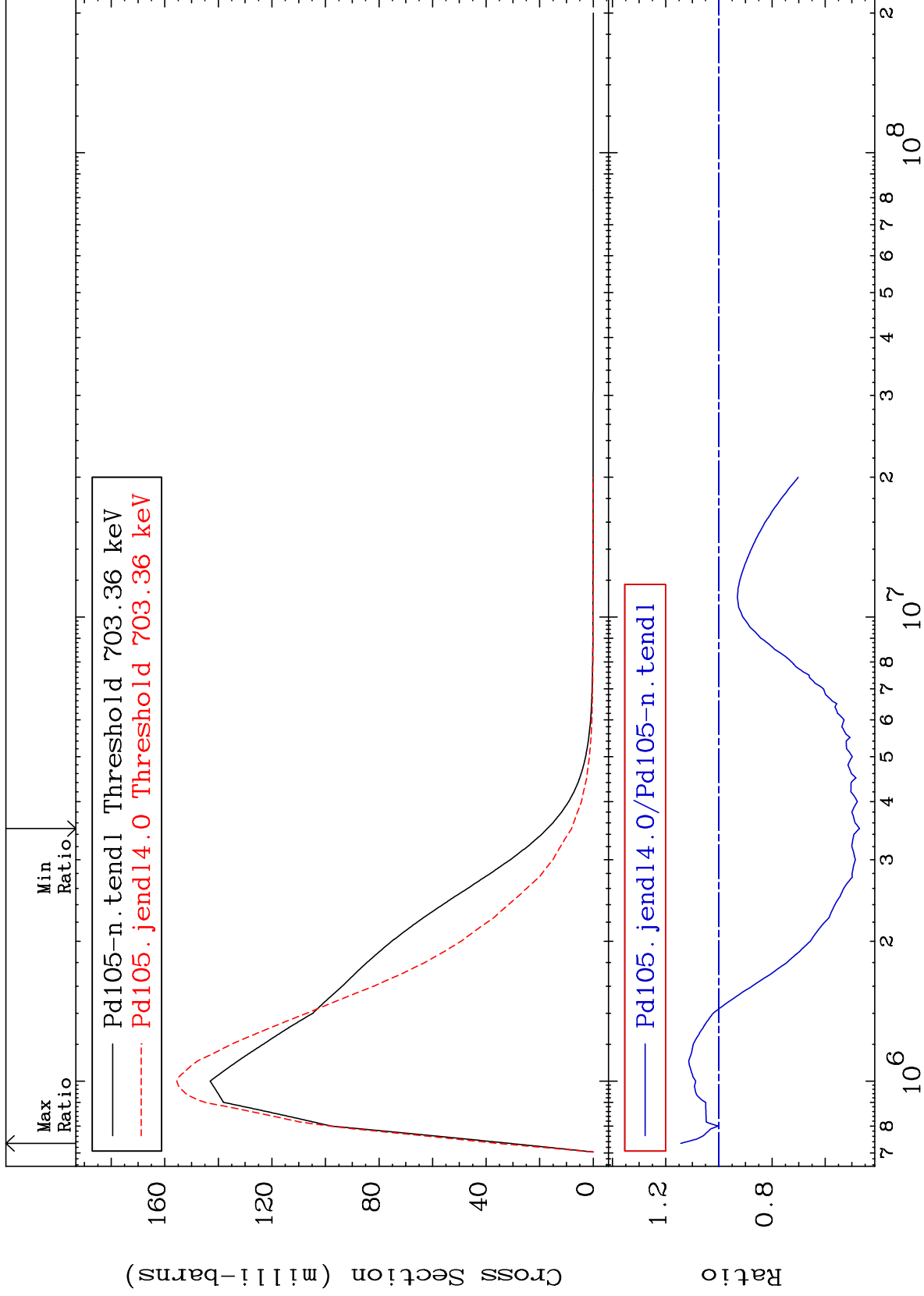
46-Pd-105  
-50.39 To 18.21 %



MAT 4634

696.7 keV (n,n') Level  
Cross Section

46-Pd-105  
-52.88 To 14.33 %



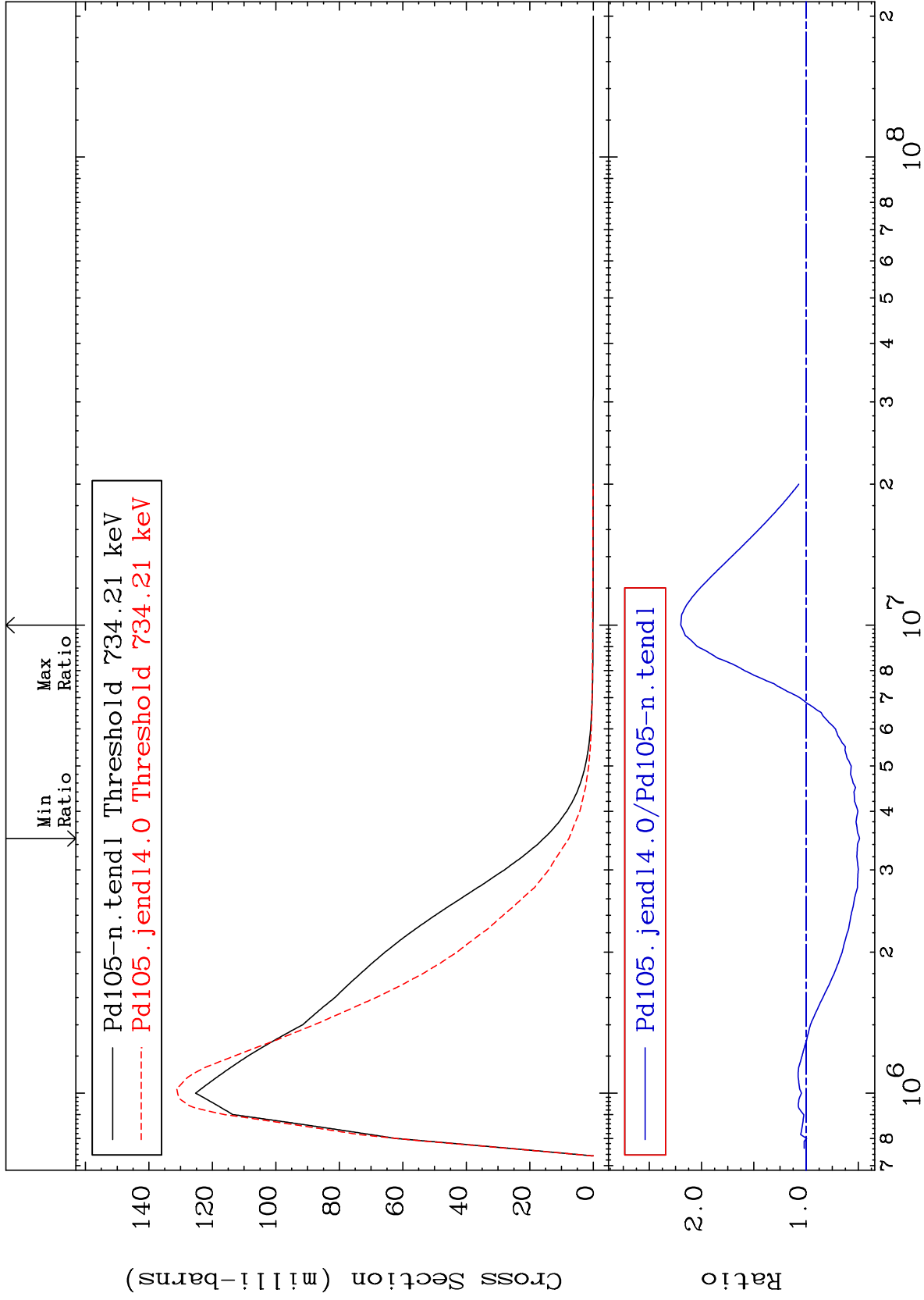
MAT 4634

727.2 keV (n,n') Level

46-Pd-105

-51.10 To 120.0 %

Cross Section



24

Incident Energy (eV)

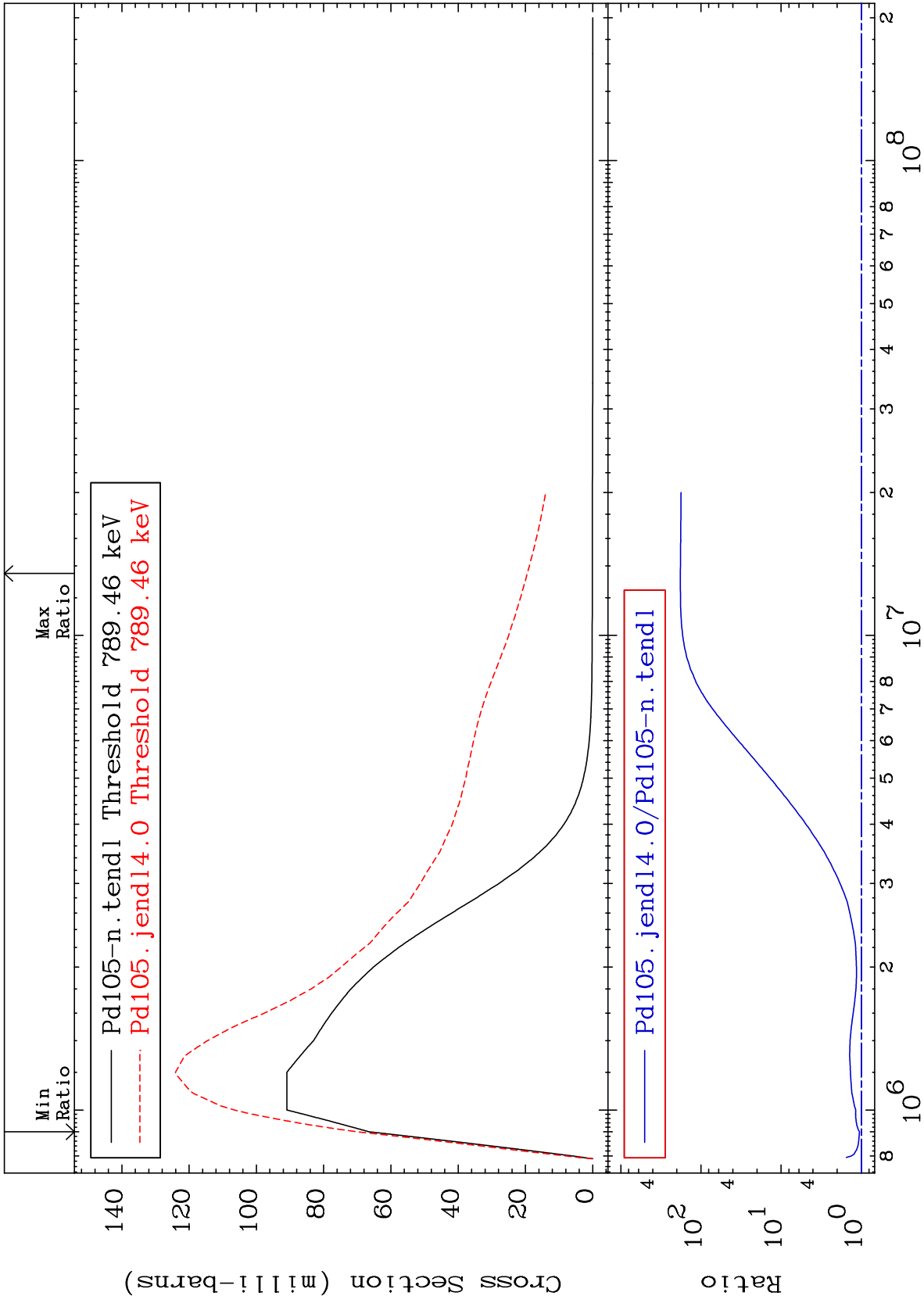
46-Pd-105



MAT 4634

781.9 keV (n,n') Level  
Cross Section

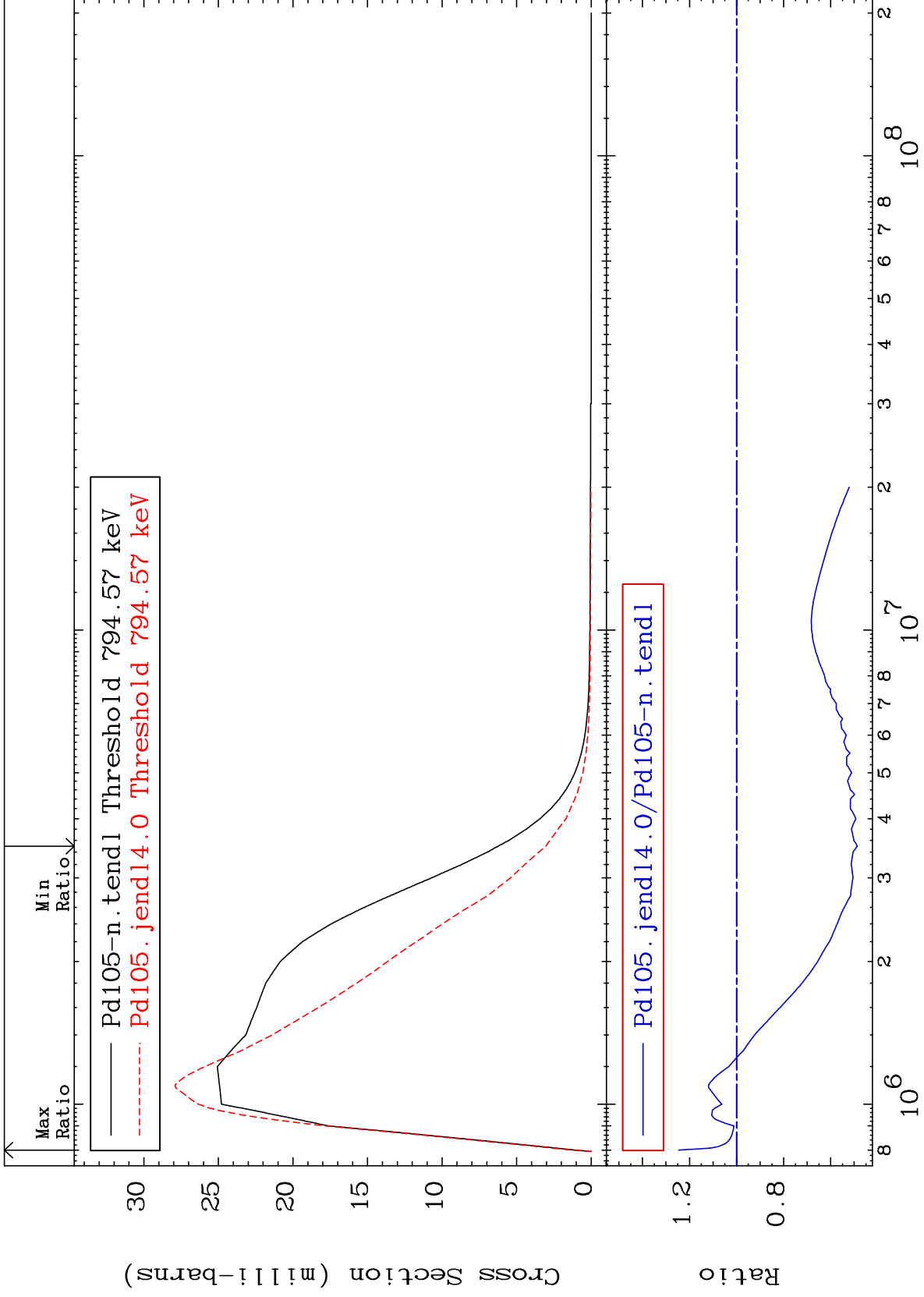
46-Pd-105  
5.357 To 9999. %



MAT 4634

787.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-51.29 To 24.63 %



26

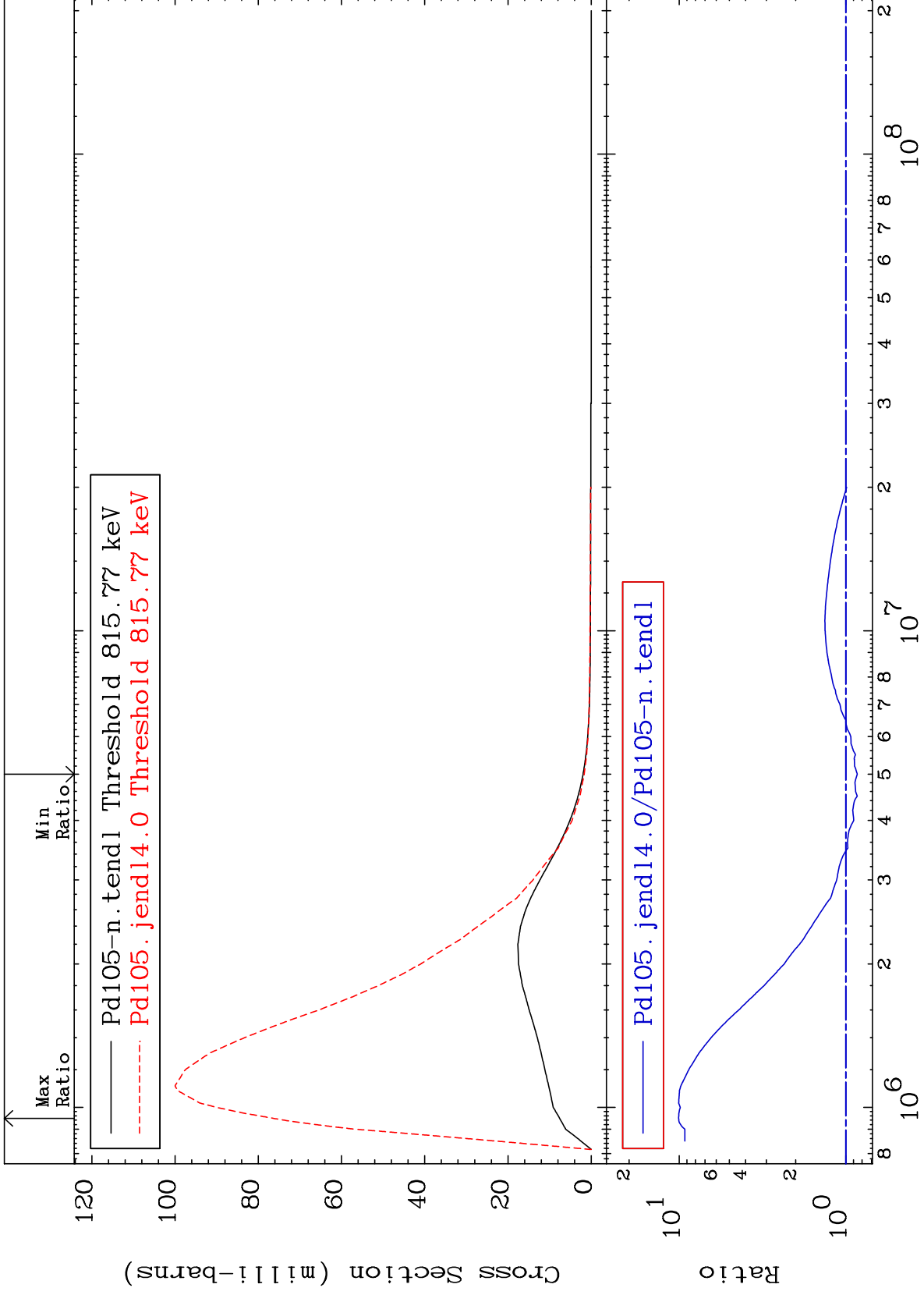
Incident Energy (eV)

46-Pd-105

MAT 4634

808.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-14.59 To 908.1 %



27

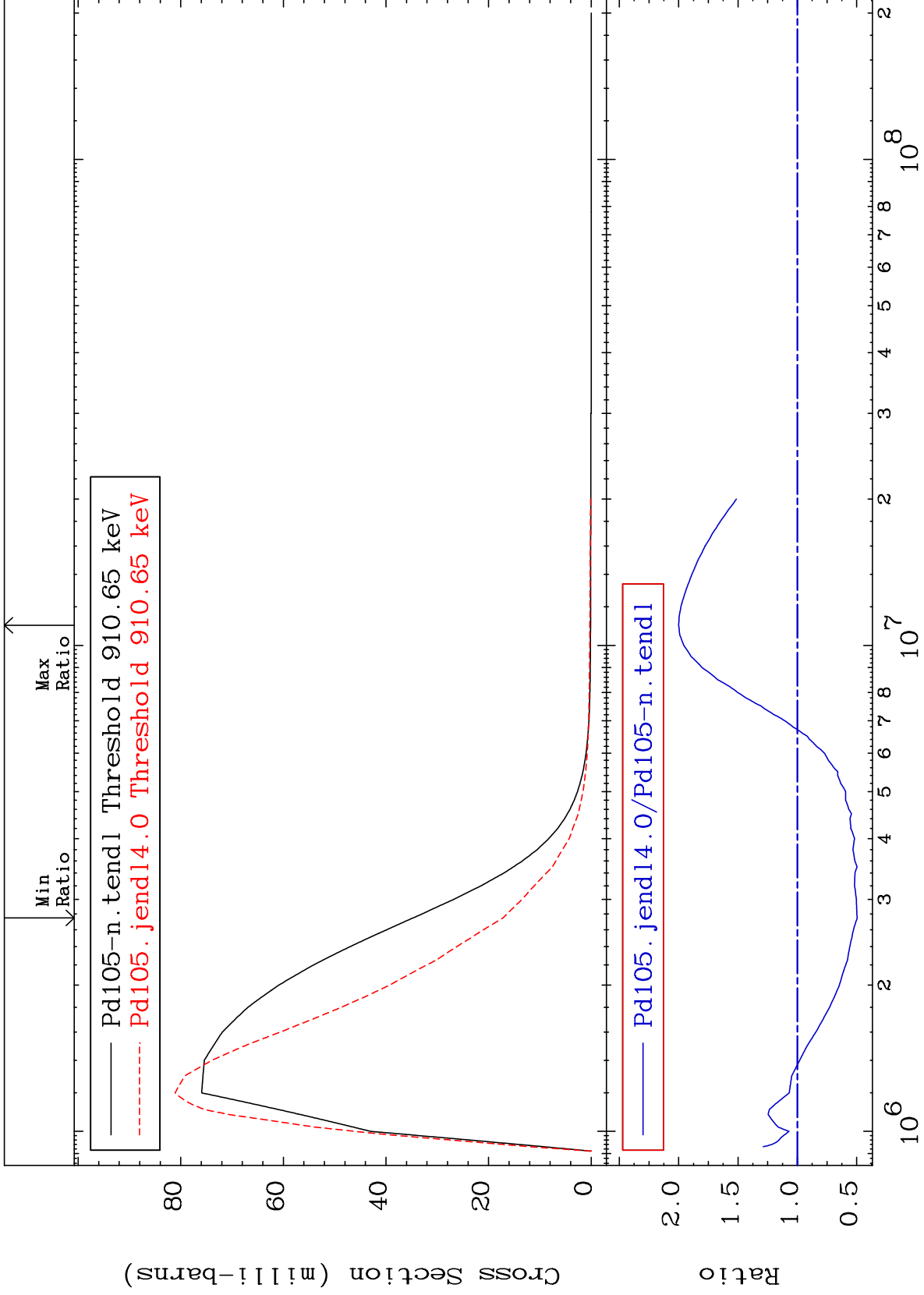
Incident Energy (eV)

46-Pd-105

MAT 4634

902.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-50.50 To 100.00%



28

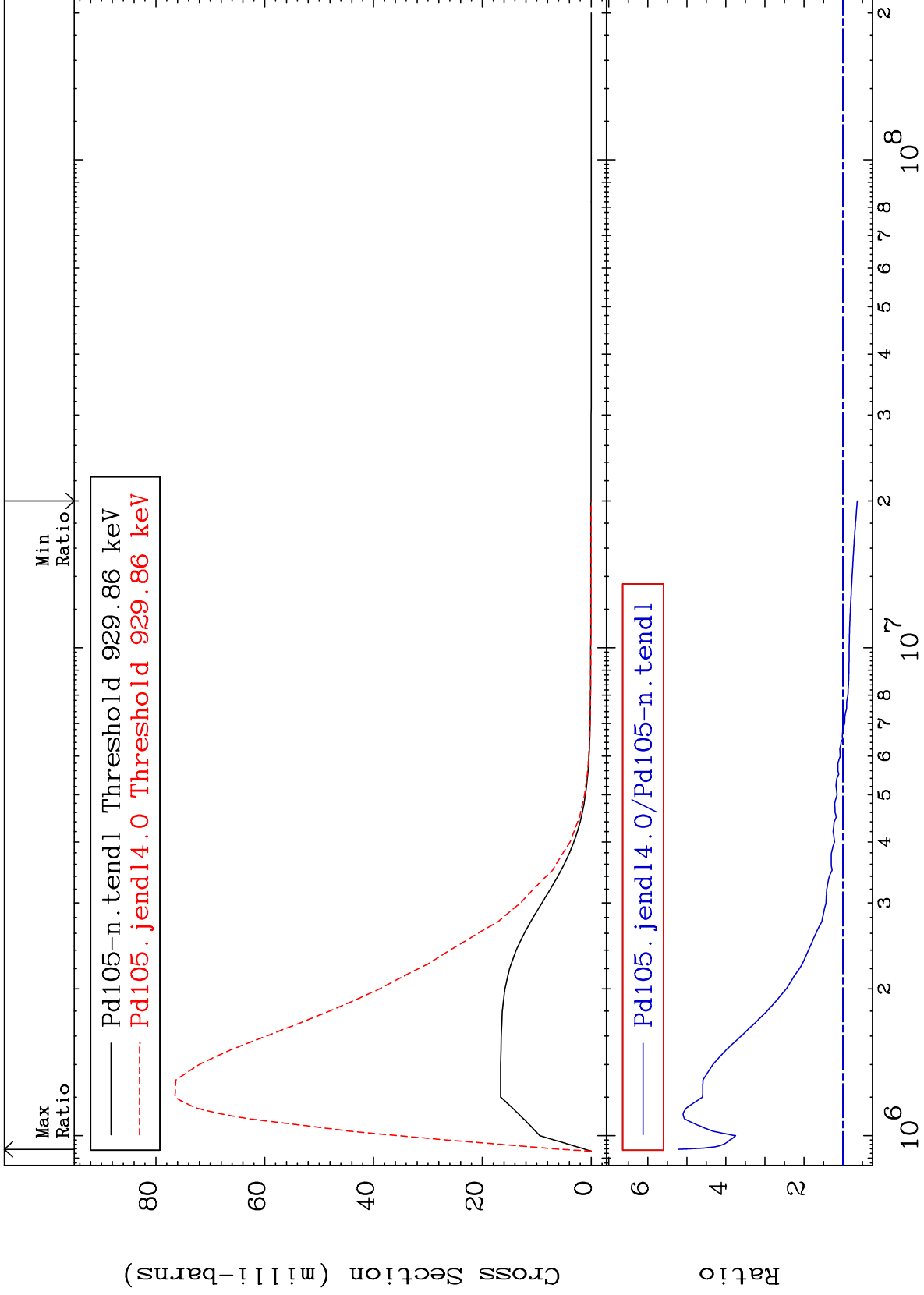
Incident Energy (eV)

46-Pd-105

MAT 4634

921.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-36.56 To 421.0 %



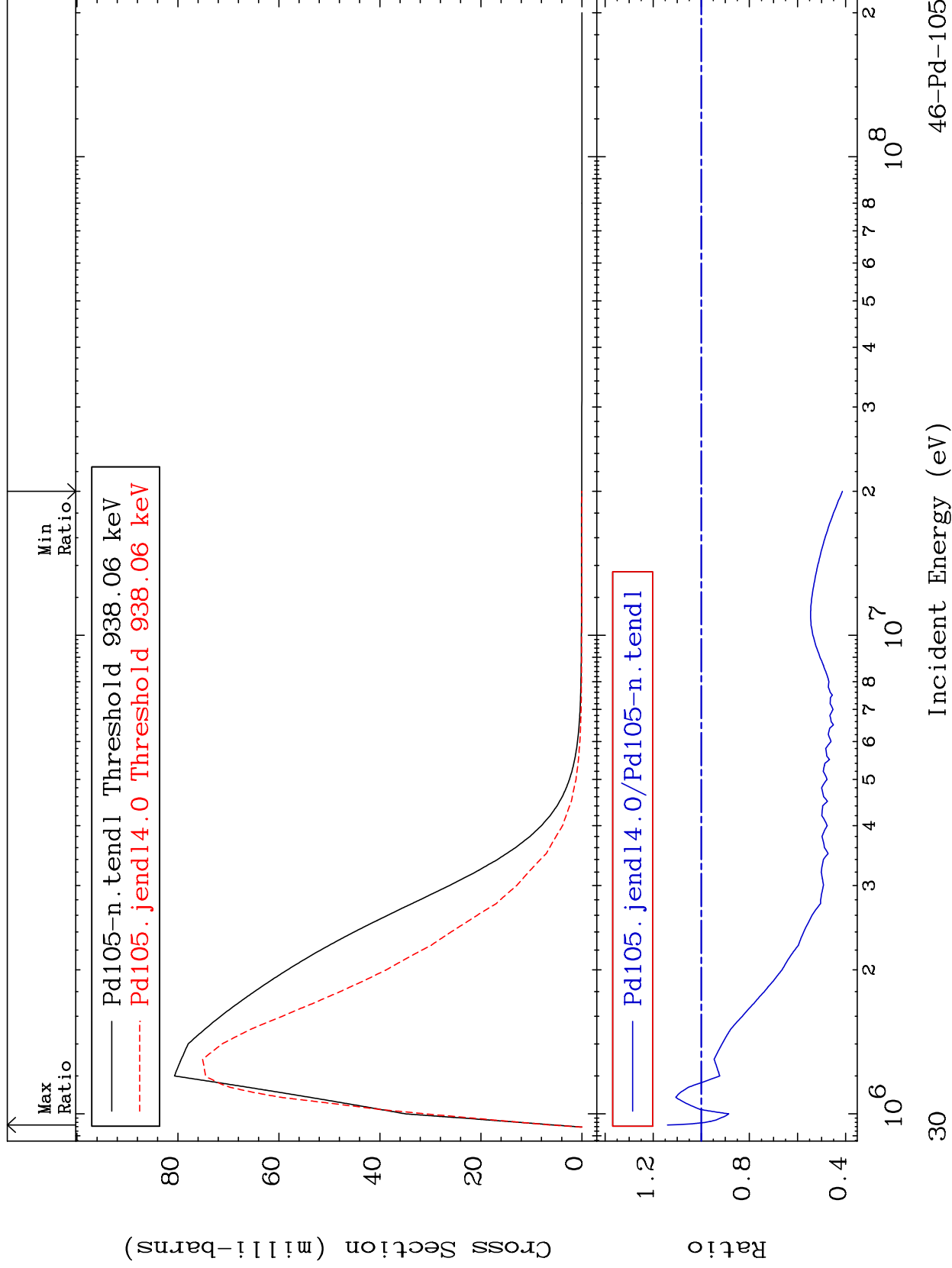
29

46-Pd-105

MAT 4634

929.1 keV (n,n') Level  
Cross Section

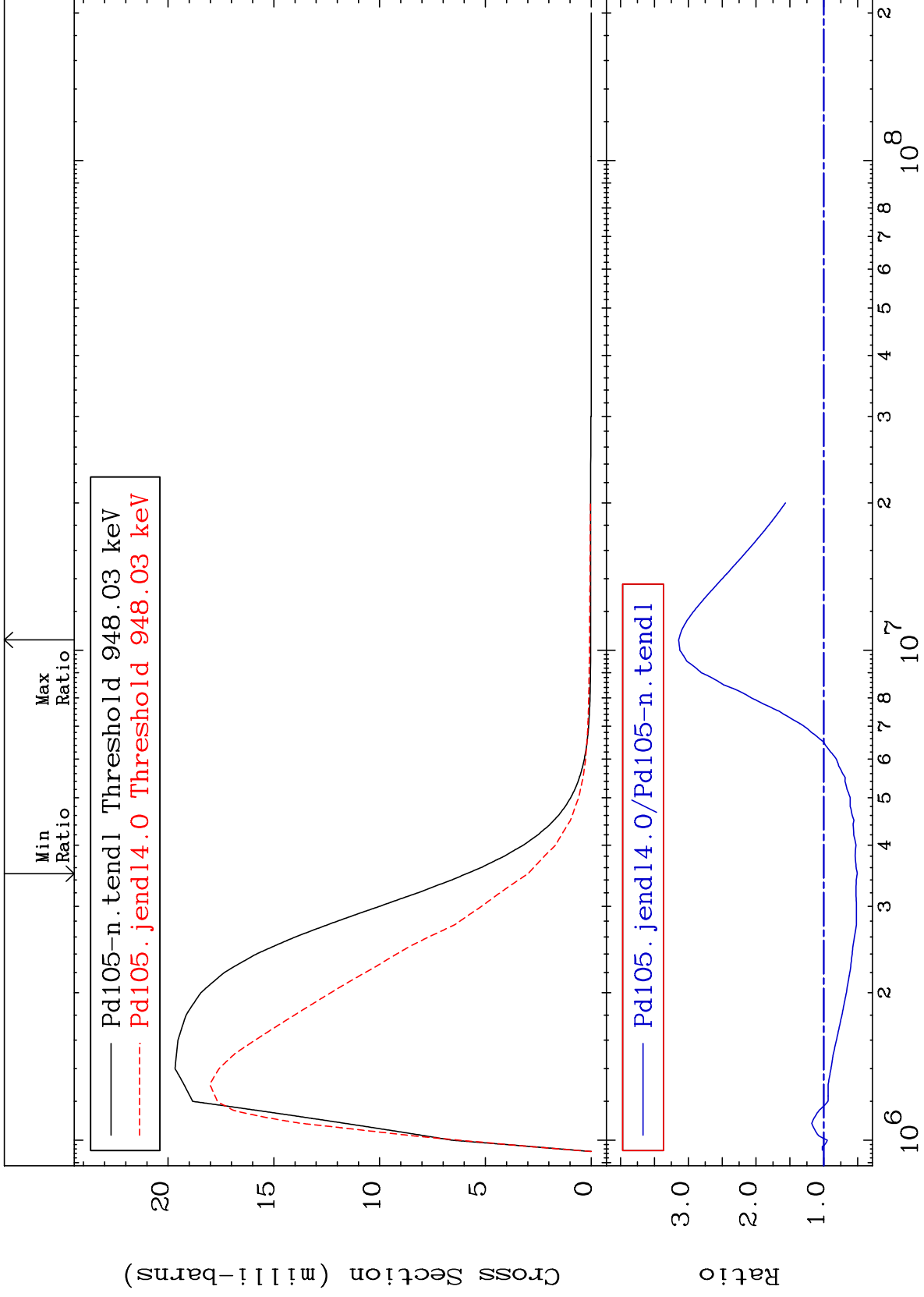
46-Pd-105  
-58.65 To 14.05 %



MAT 4634

939.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-49.36 To 214.3 %



31

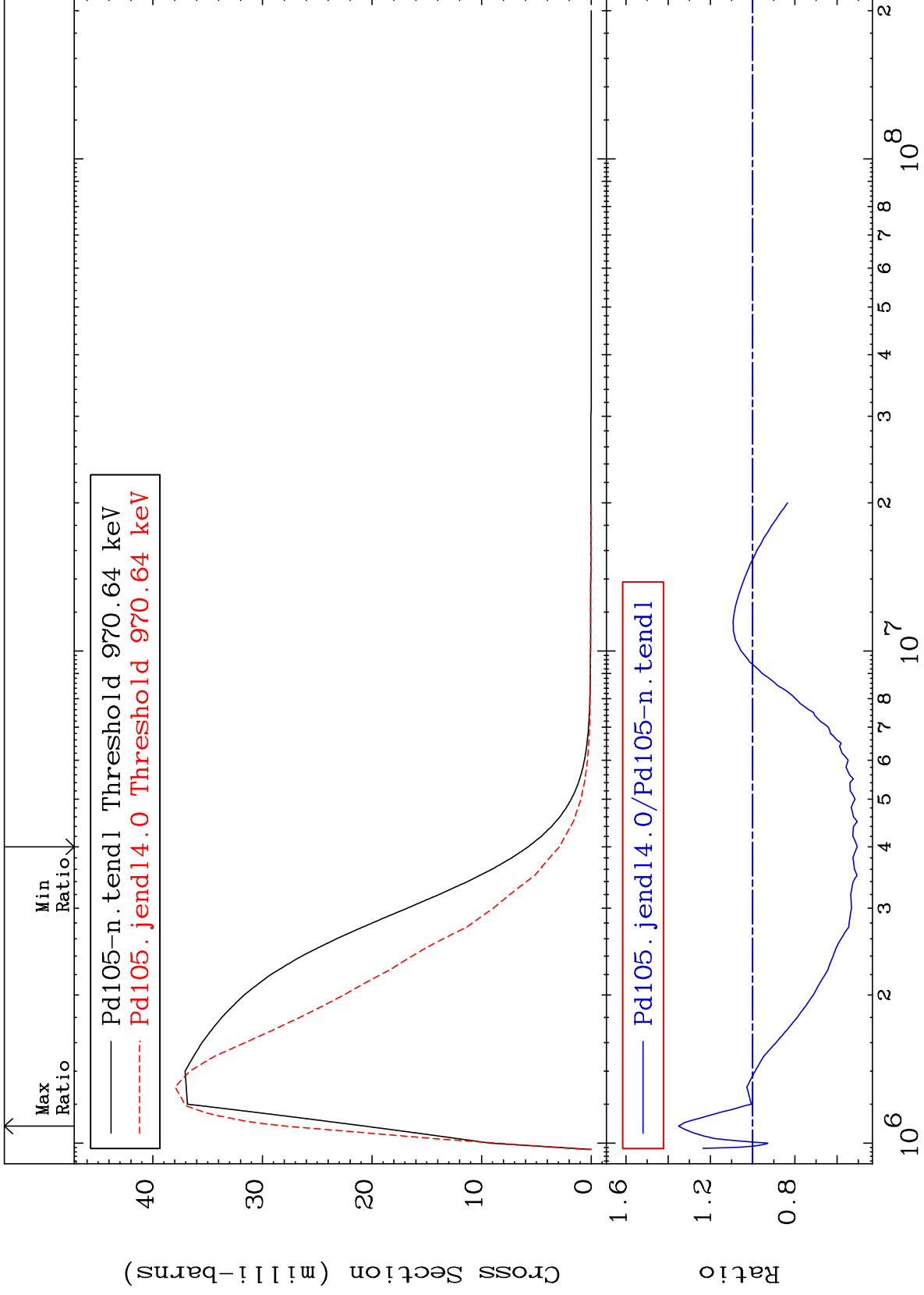
Incident Energy (eV)

46-Pd-105

MAT 4634

961.4 keV (n,n') Level  
Cross Section

46-Pd-105  
-49.54 To 35.06 %



32

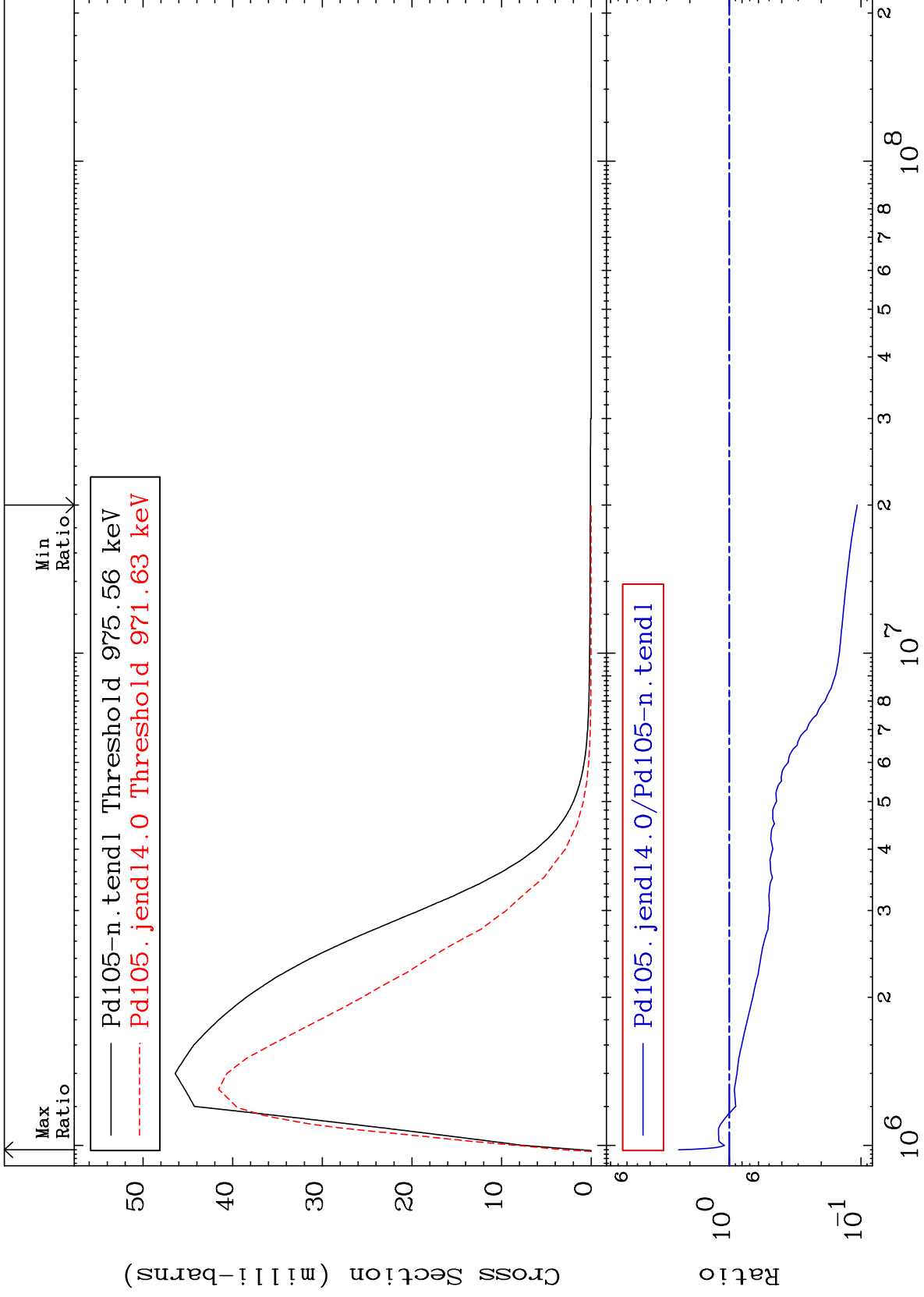
46-Pd-105



MAT 4634

966.3 keV (n,n') Level  
Cross Section

46-Pd-105  
-89.33 To 142.9 %



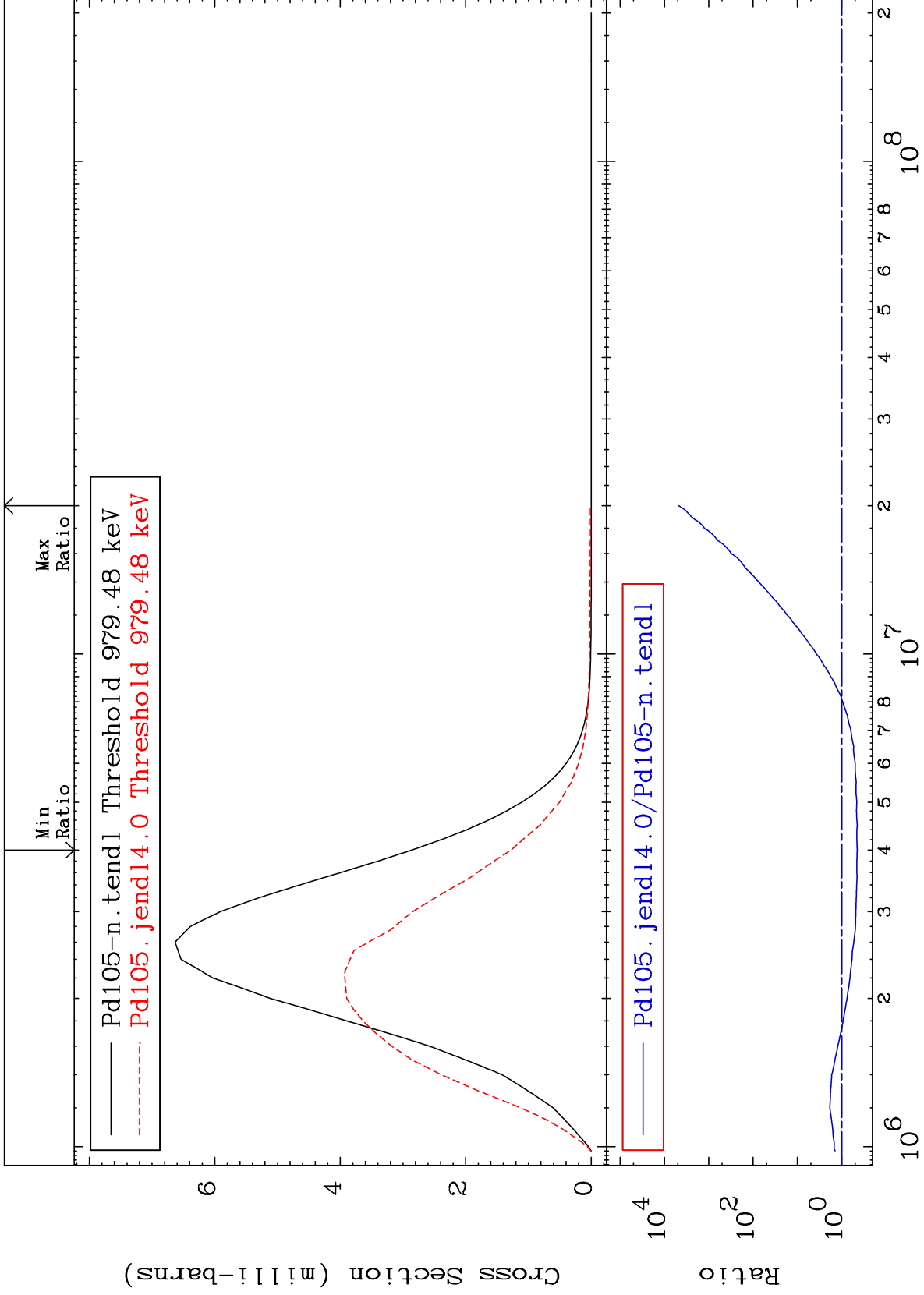
33

46-Pd-105

MAT 4634

970.2 keV (n,n') Level  
Cross Section

46-Pd-105  
-55.33 To 9999. %



34

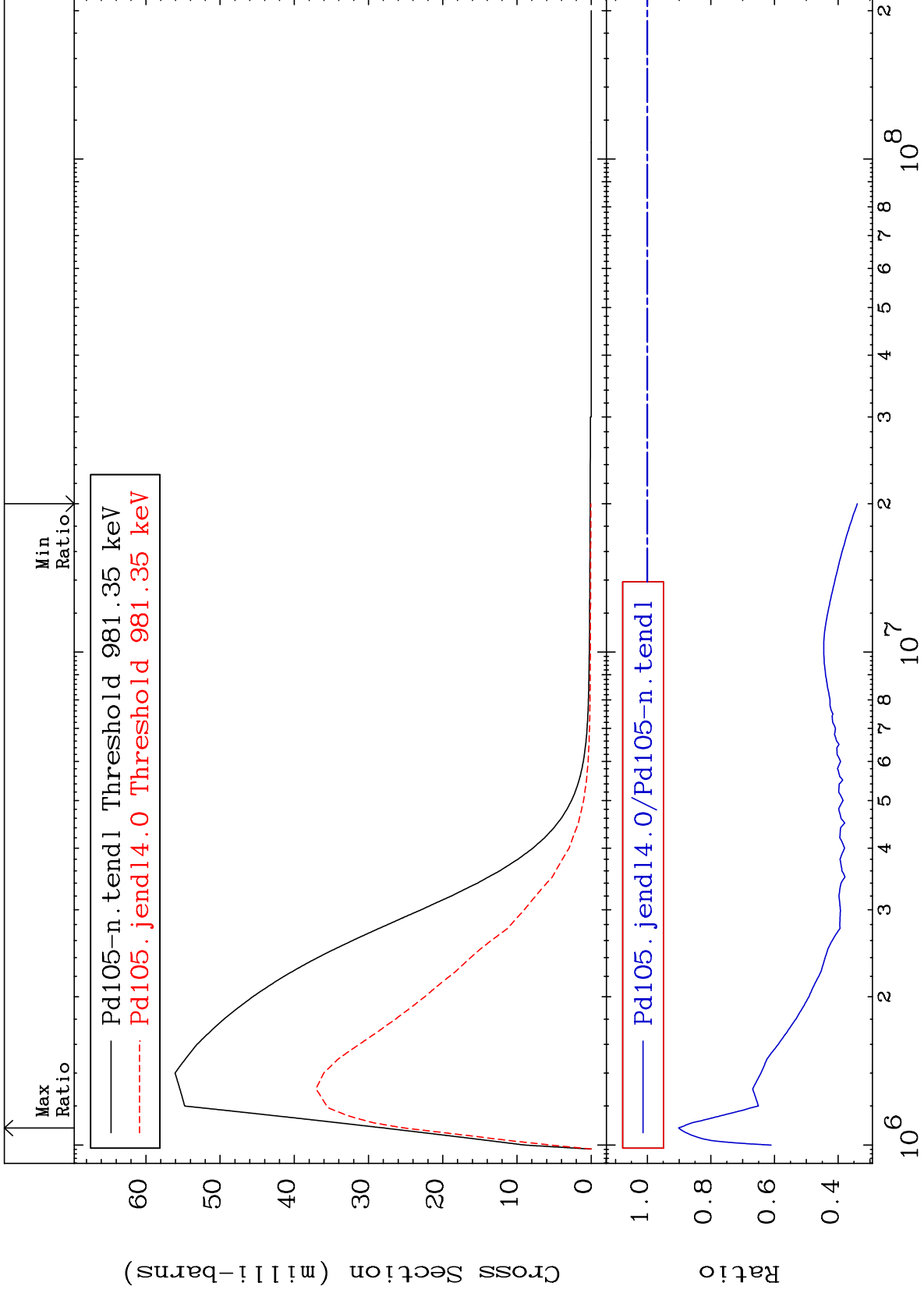
Incident Energy (eV)

46-Pd-105

MAT 4634

972.0 keV (n,n') Level  
Cross Section

46-Pd-105  
-66.02 To -9.847%



35

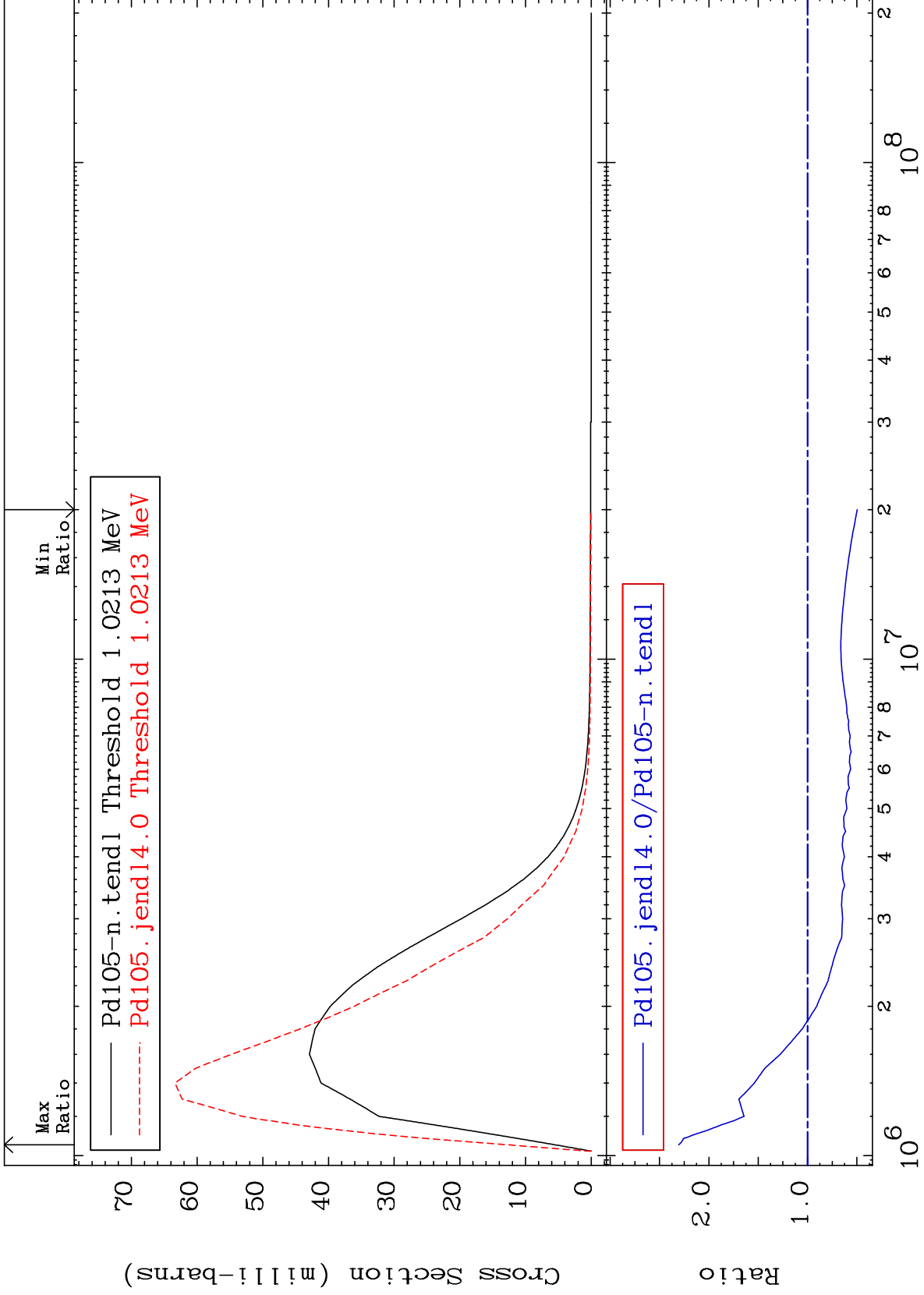
Incident Energy (eV)

46-Pd-105

MAT 4634

1.012 MeV (n,n') Level  
Cross Section

46-Pd-105  
-50.36 To 130.7 %



36

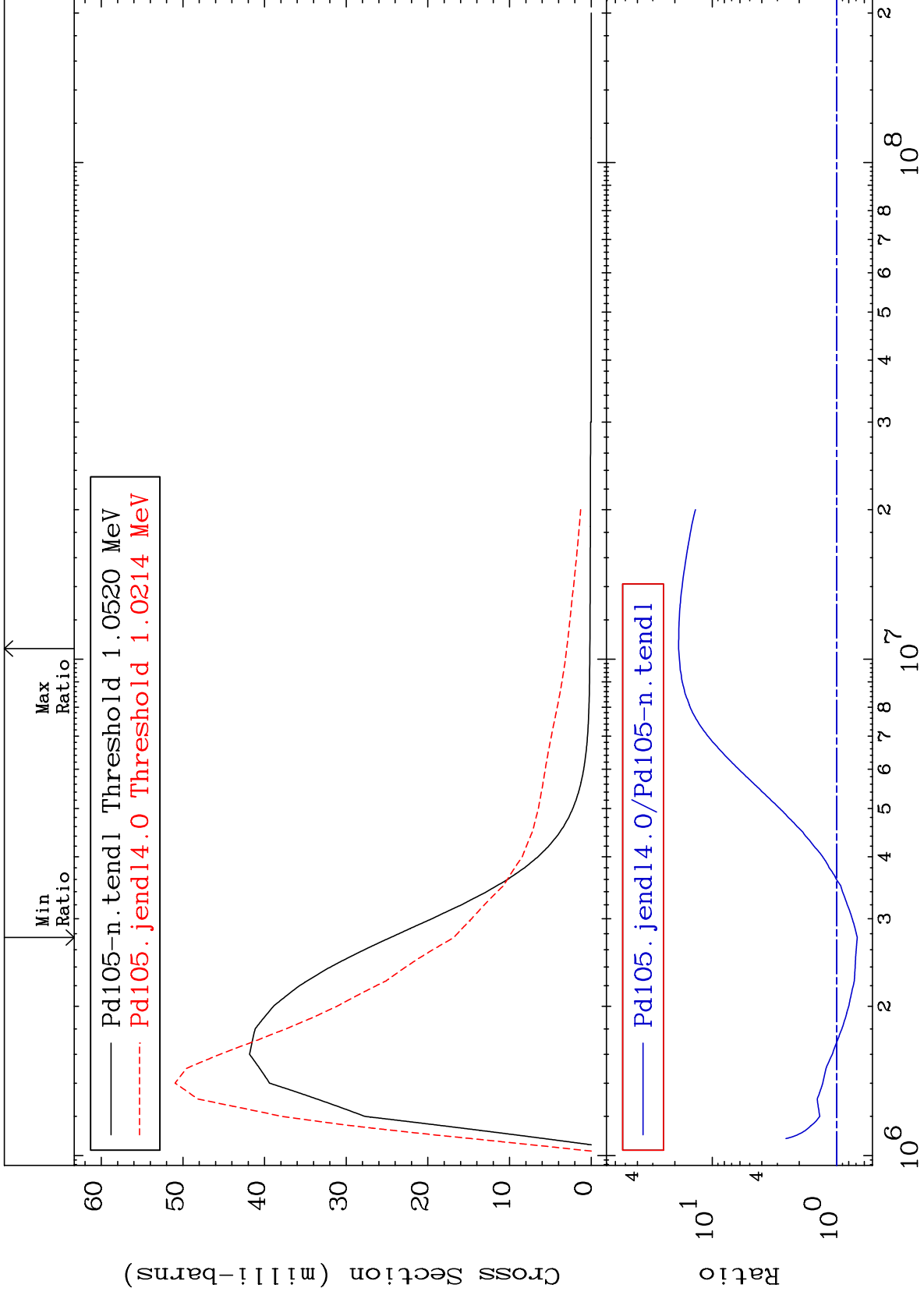
Incident Energy (eV)

46-Pd-105

MAT 4634

1.042 MeV (n,n') Level  
Cross Section

46-Pd-105  
-31.56 To 1763. %



37

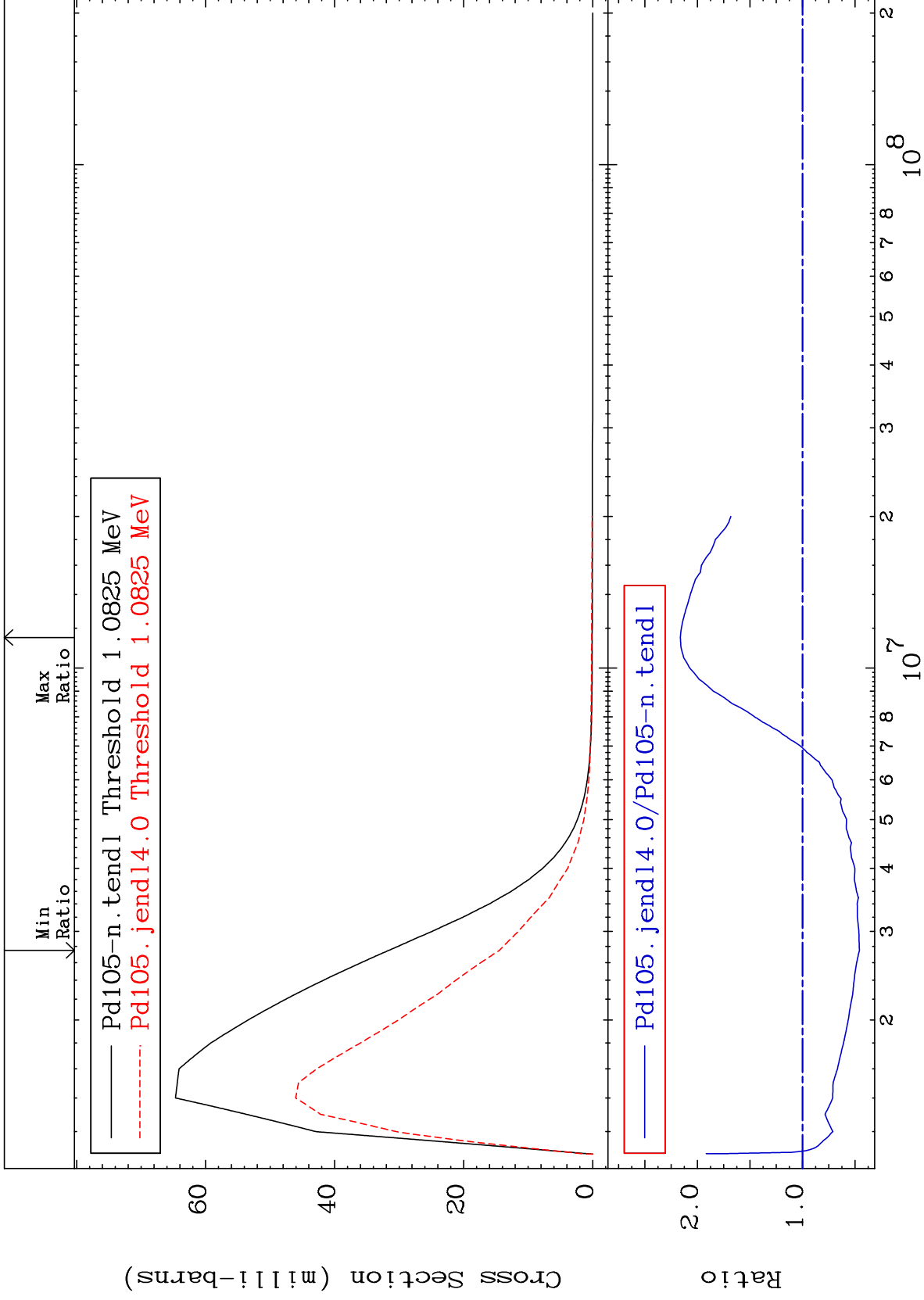
Incident Energy (eV)

46-Pd-105

MAT 4634

1.072 MeV (n,n') Level  
Cross Section

46-Pd-105  
-54.26 To 116.3 %



38

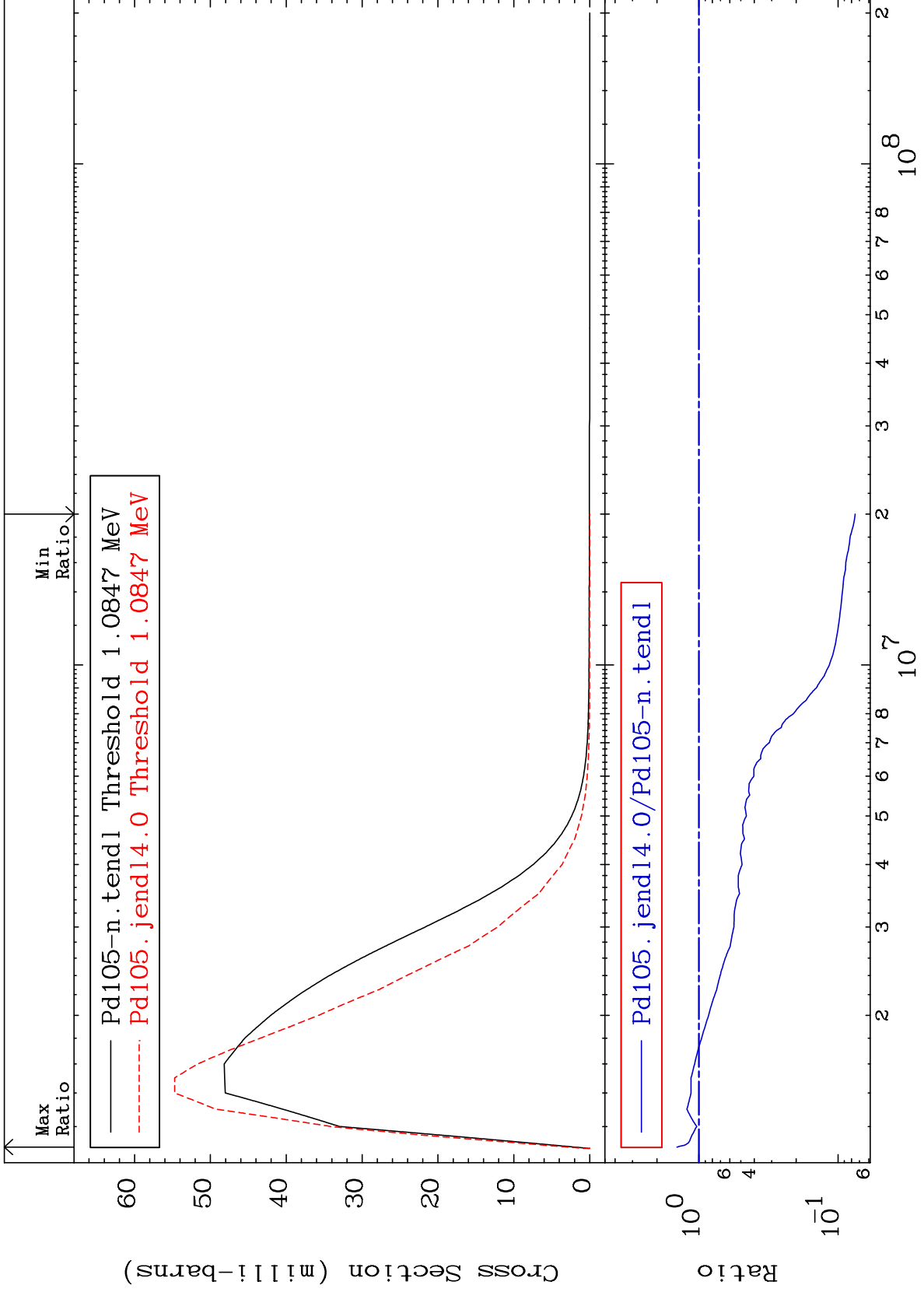
Incident Energy (eV)

46-Pd-105

MAT 4634

1.074 MeV (n,n') Level  
Cross Section

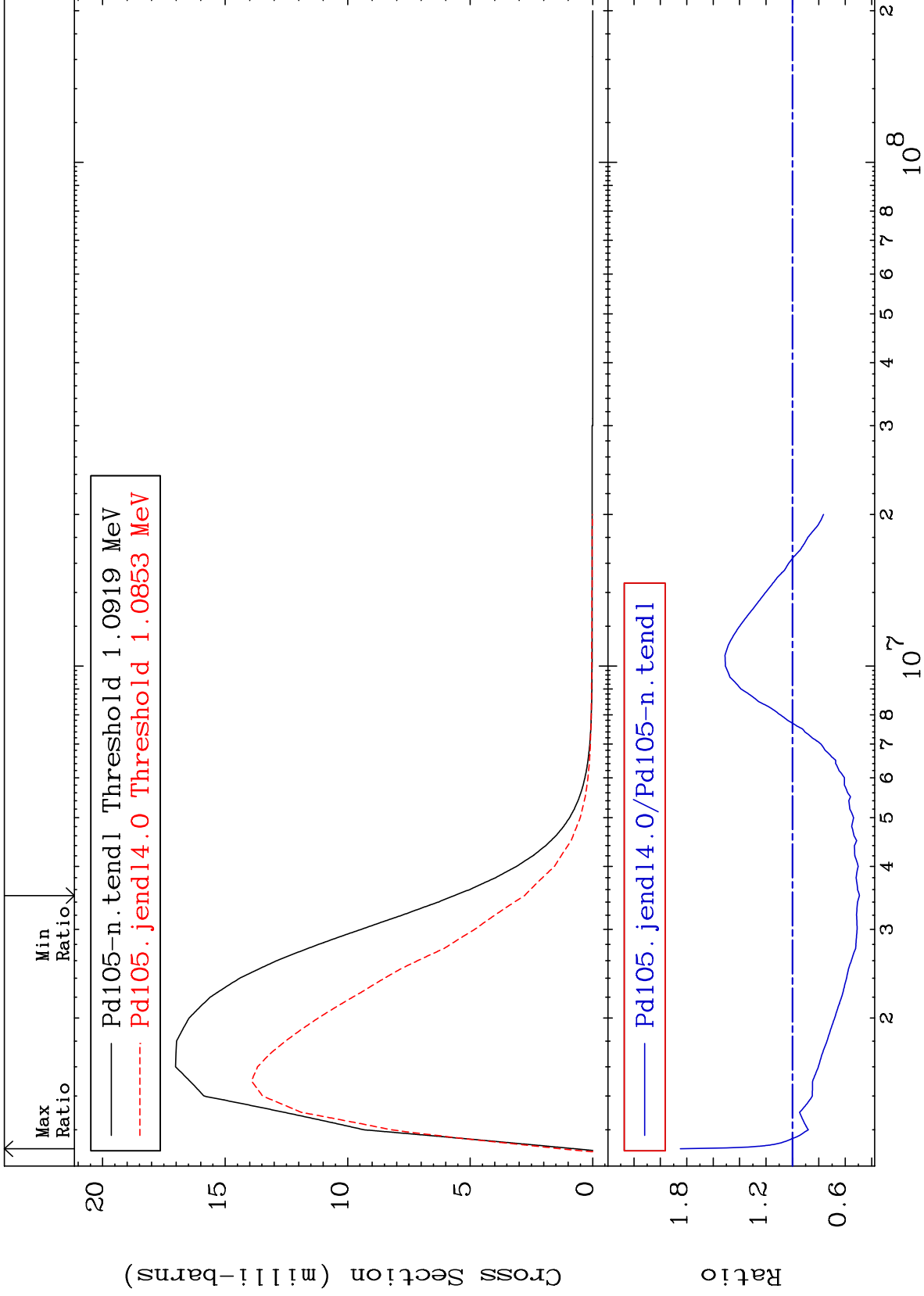
46-Pd-105  
-92.47 To 43.71 %



MAT 4634

1.081 MeV (n,n') Level  
Cross Section

46-Pd-105  
-50.76 To 84.85 %



40

Incident Energy (eV)

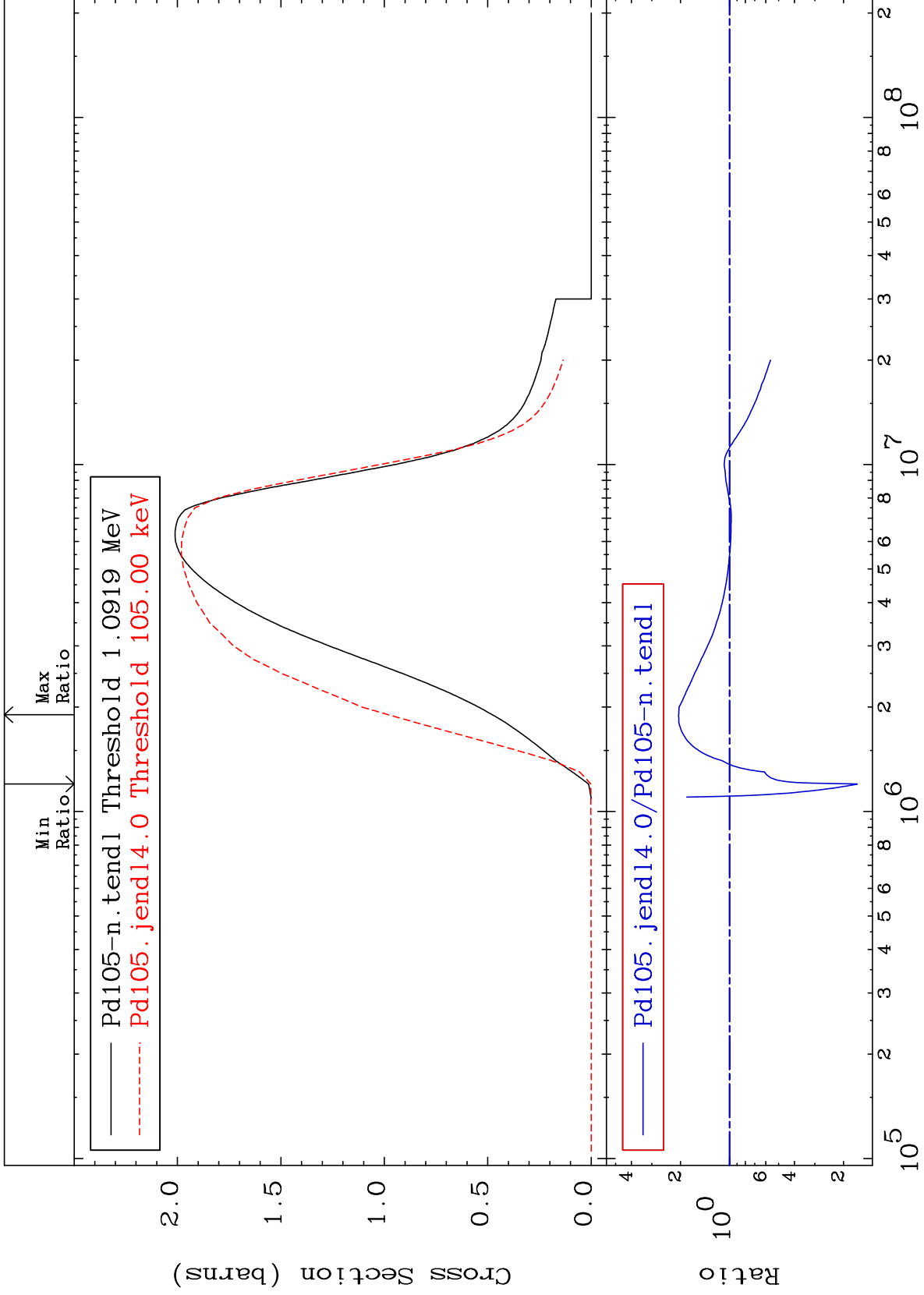
46-Pd-105



MAT 4634

(n, n') Continuum  
Cross Section

46-Pd-105  
-83.54 To 105.1 %



41

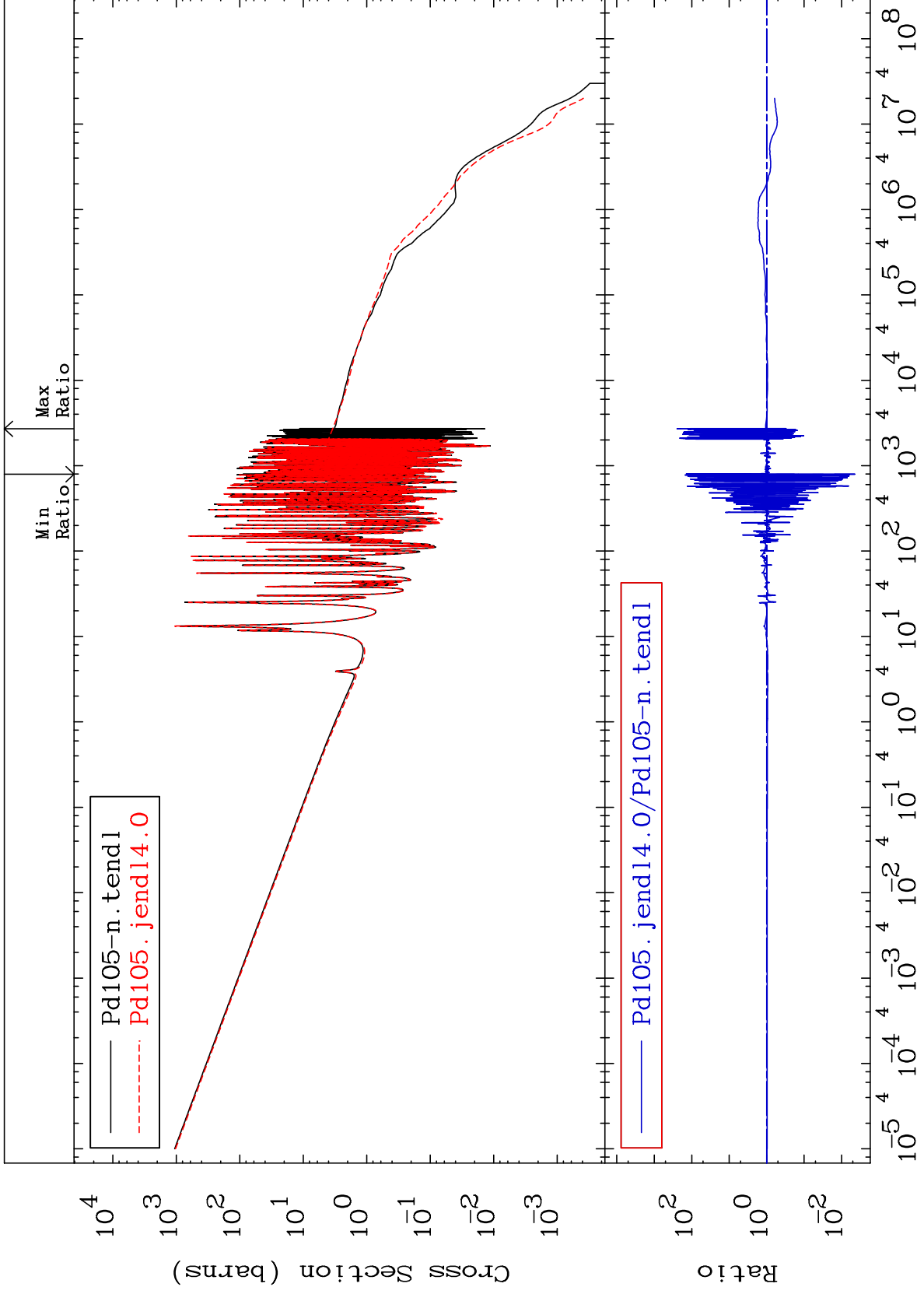
Incident Energy (eV)

46-Pd-105

MAT 4634

(n,  $\gamma$ )  
Cross Section

46-Pd-105  
-99.56 To 9999. %



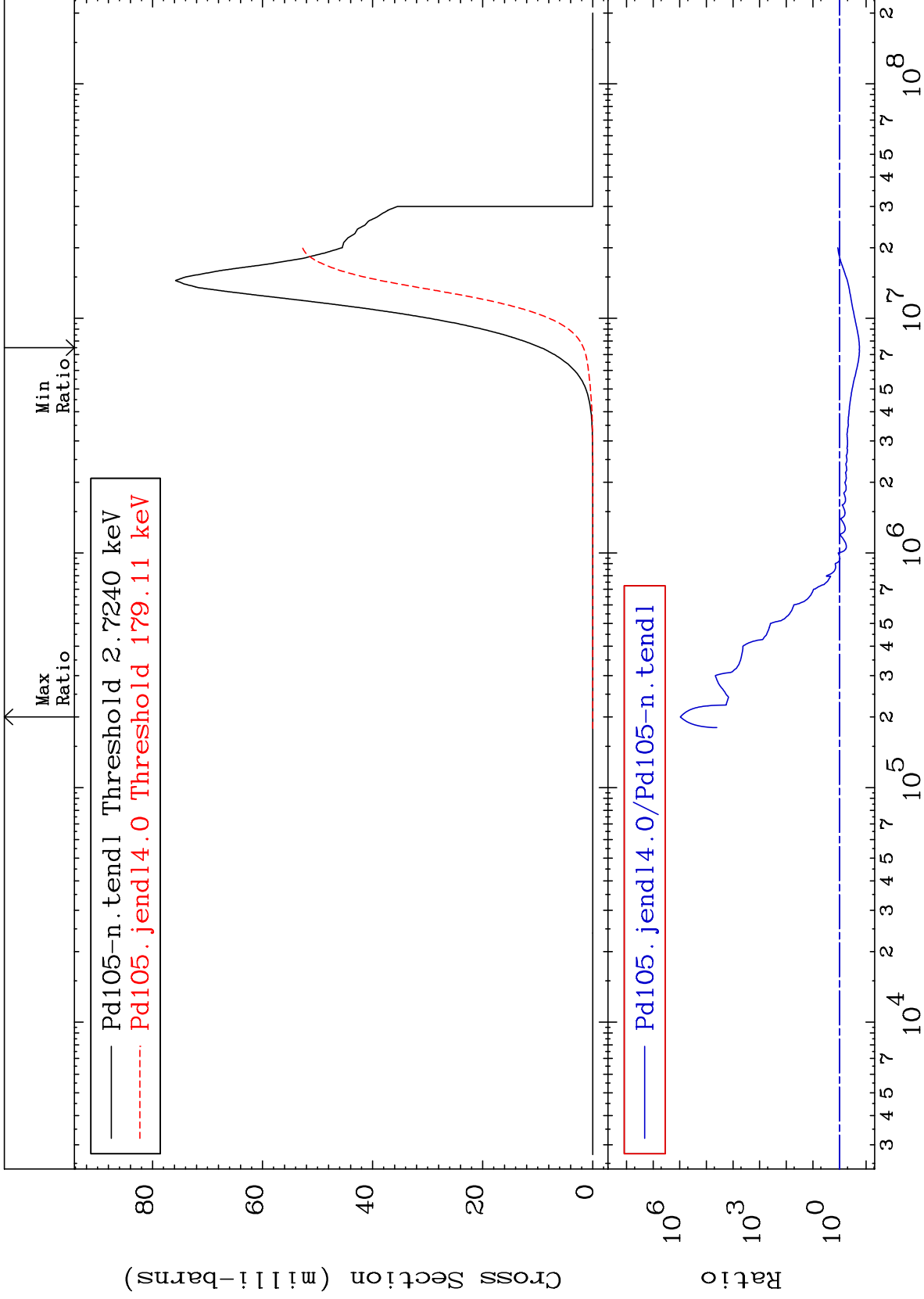
MAT 4634

(n,p)

46-Pd-105

Cross Section

-82.23 To 9999. %



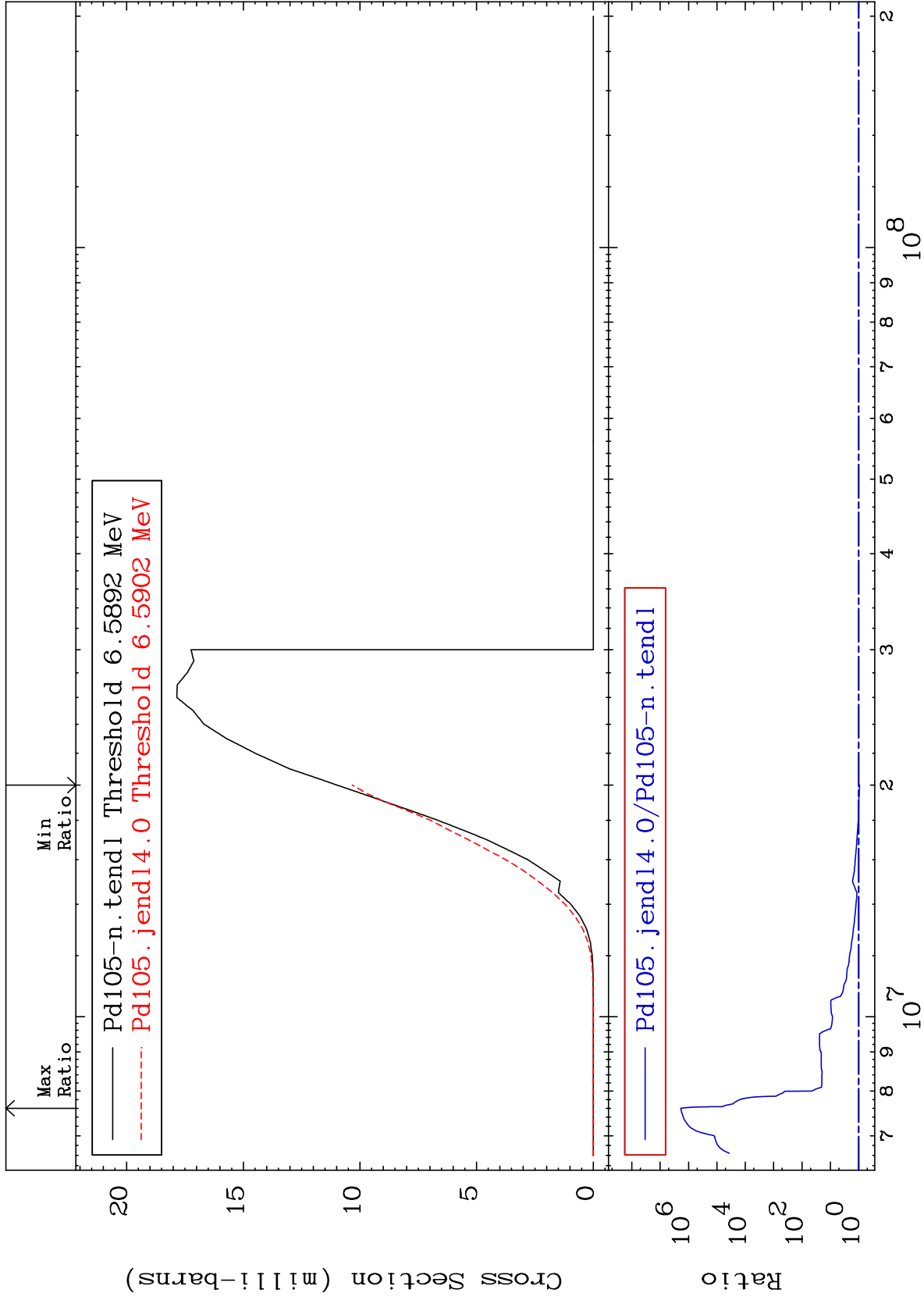
MAT 4634

(n, d)

46-Pd-105

Cross Section

-5.915 To 9999. %



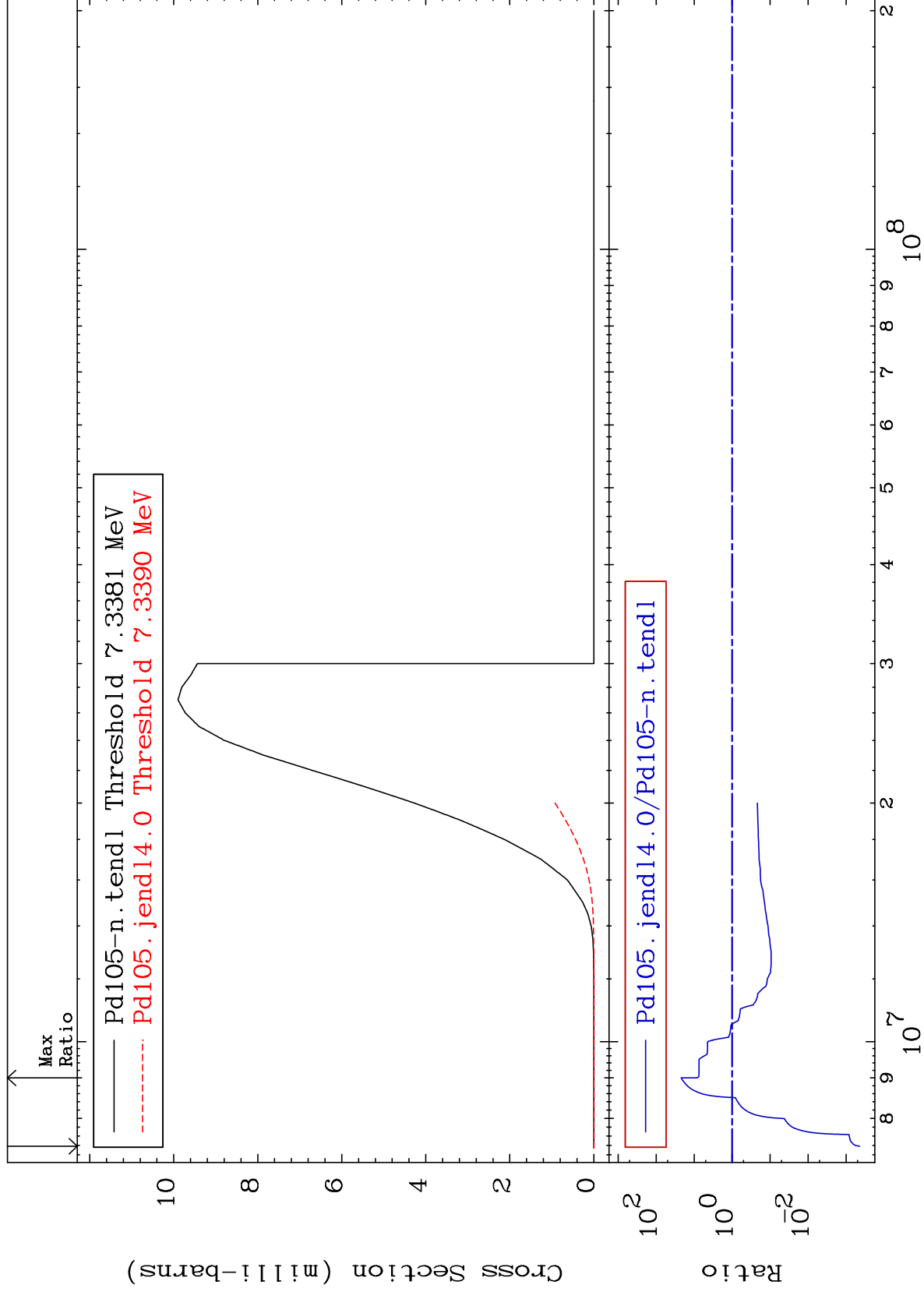
MAT 4634

(n, t)

46-Pd-105

Cross Section

-99.96 To 2090. %



45

46-Pd-105

46-Pd-105

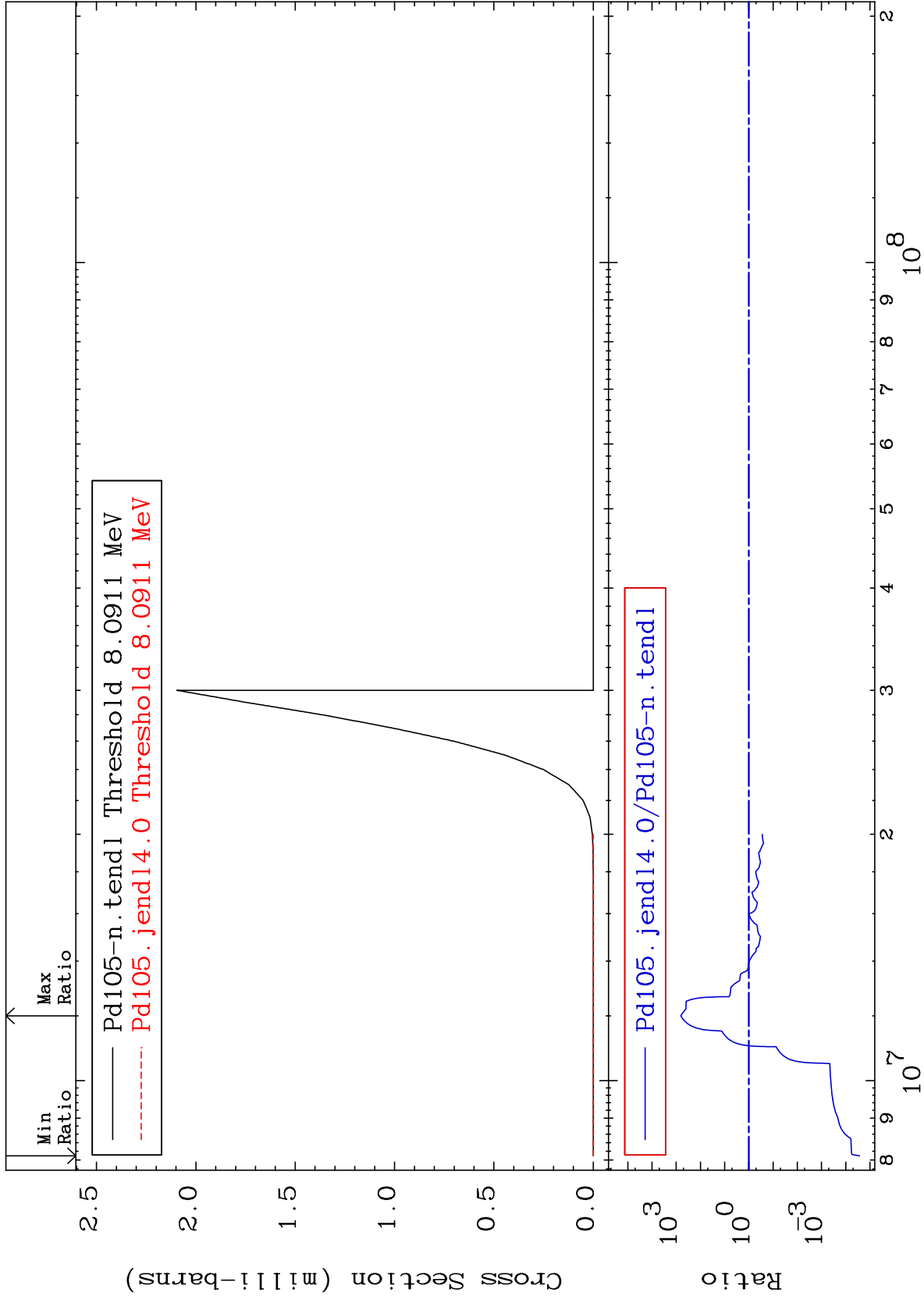
MAT 4634

(n, He-3)

46-Pd-105

Cross Section

-100.0 To 9999. %



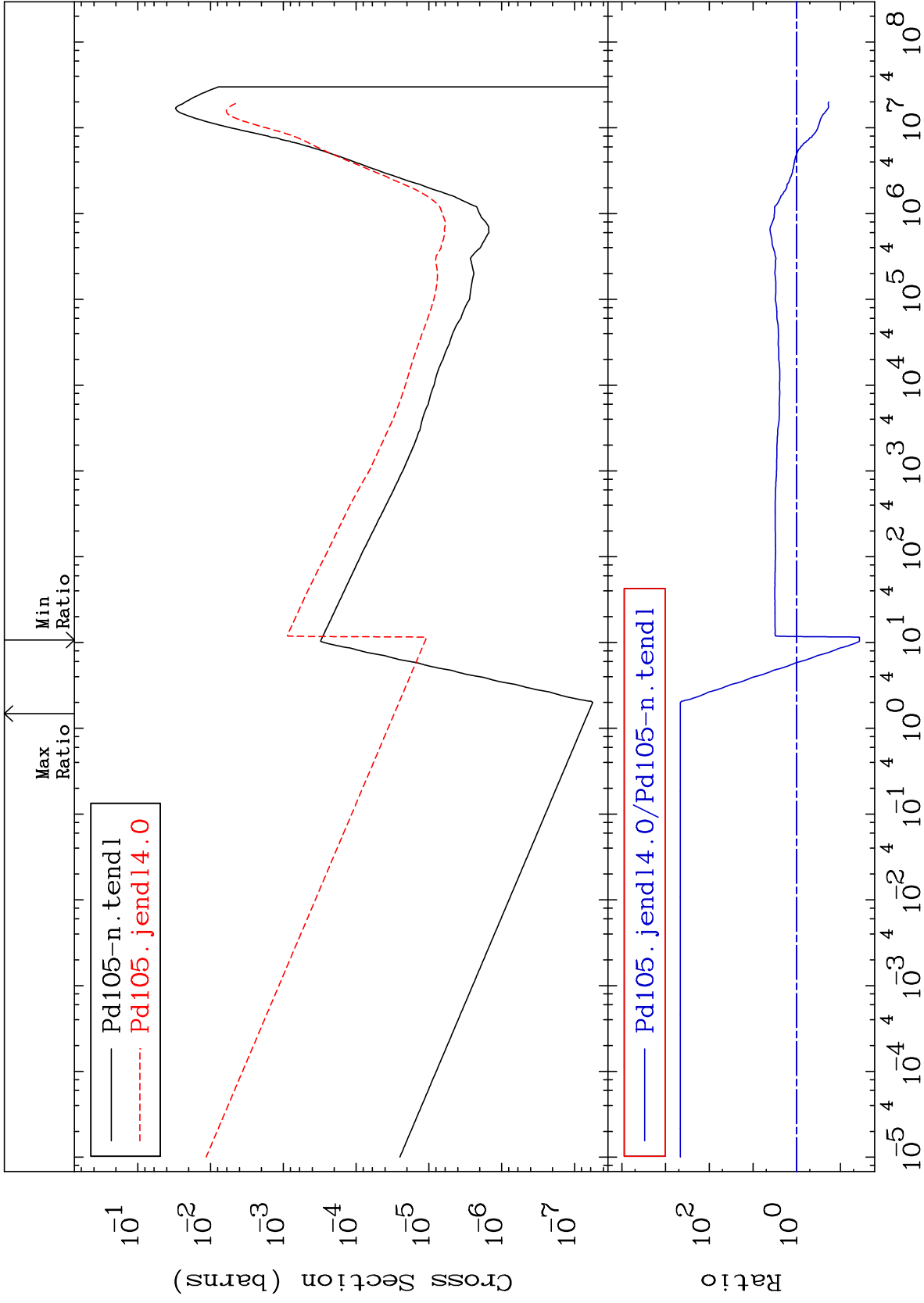
46

Incident Energy (eV)

46-Pd-105

MAT 4634

(n,  $\alpha$ )  
Cross Section  
-96.33 To 9999. %  
46-Pd-105



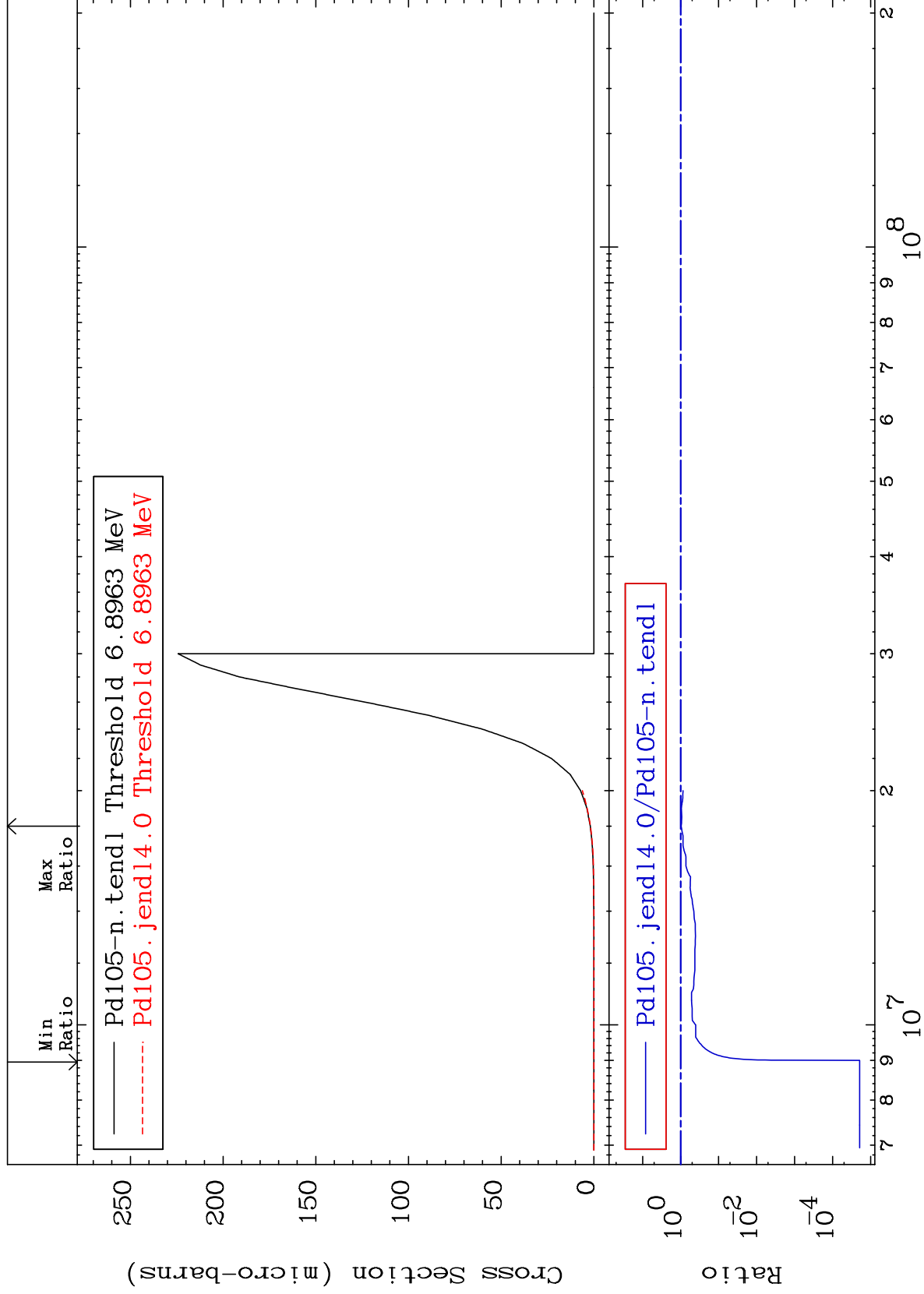
MAT 4634

(n,2p)

46-Pd-105

Cross Section

-100.0 To -3.358%



48

Incident Energy (eV)

46-Pd-105



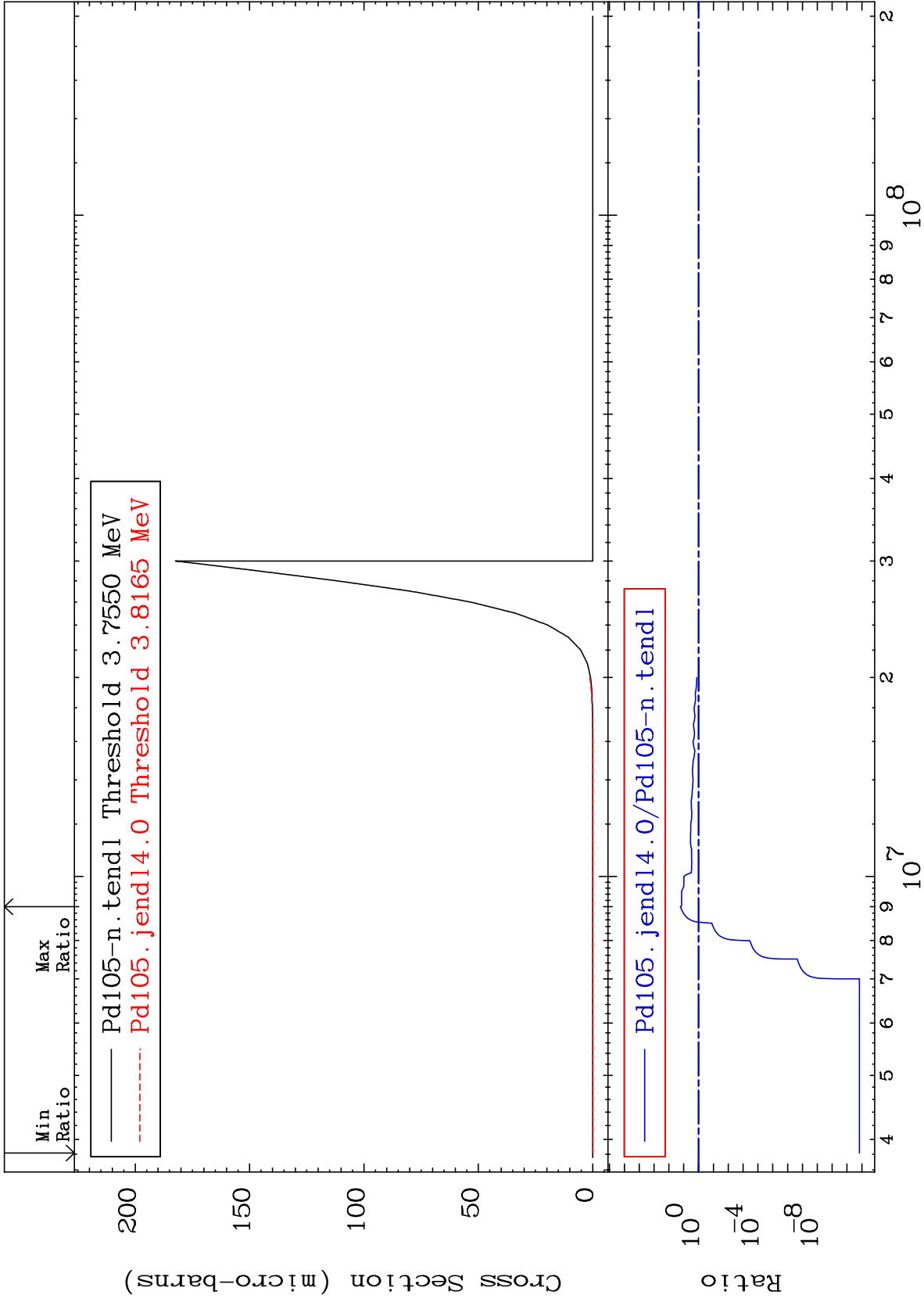
MAT 4634

(n,p)  $\alpha$

46-Pd-105

Cross Section

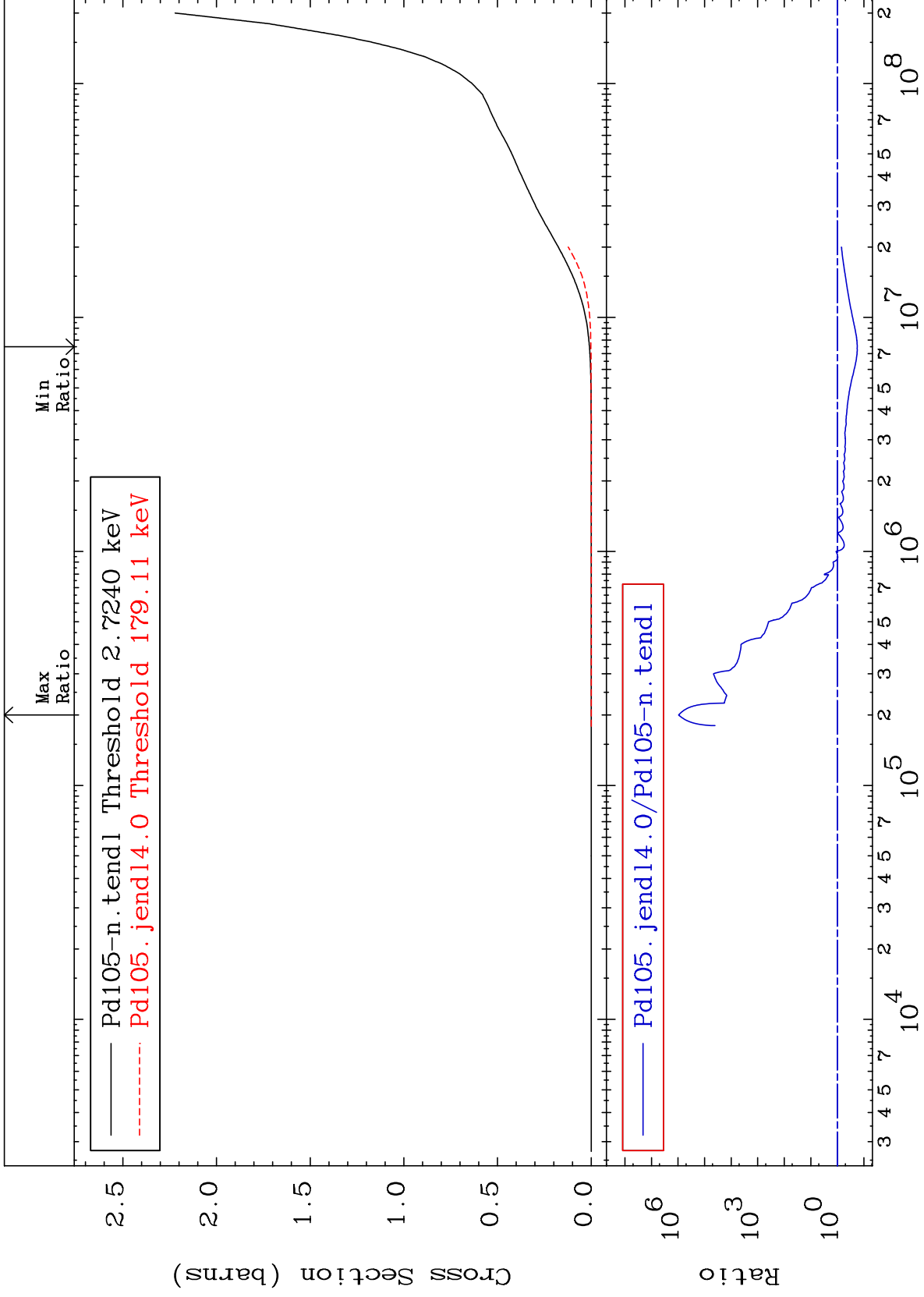
-100.0 To 1582. %



MAT 4634

Hydrogen Production  
Cross Section

46-Pd-105  
-82.23 To 9999. %



50

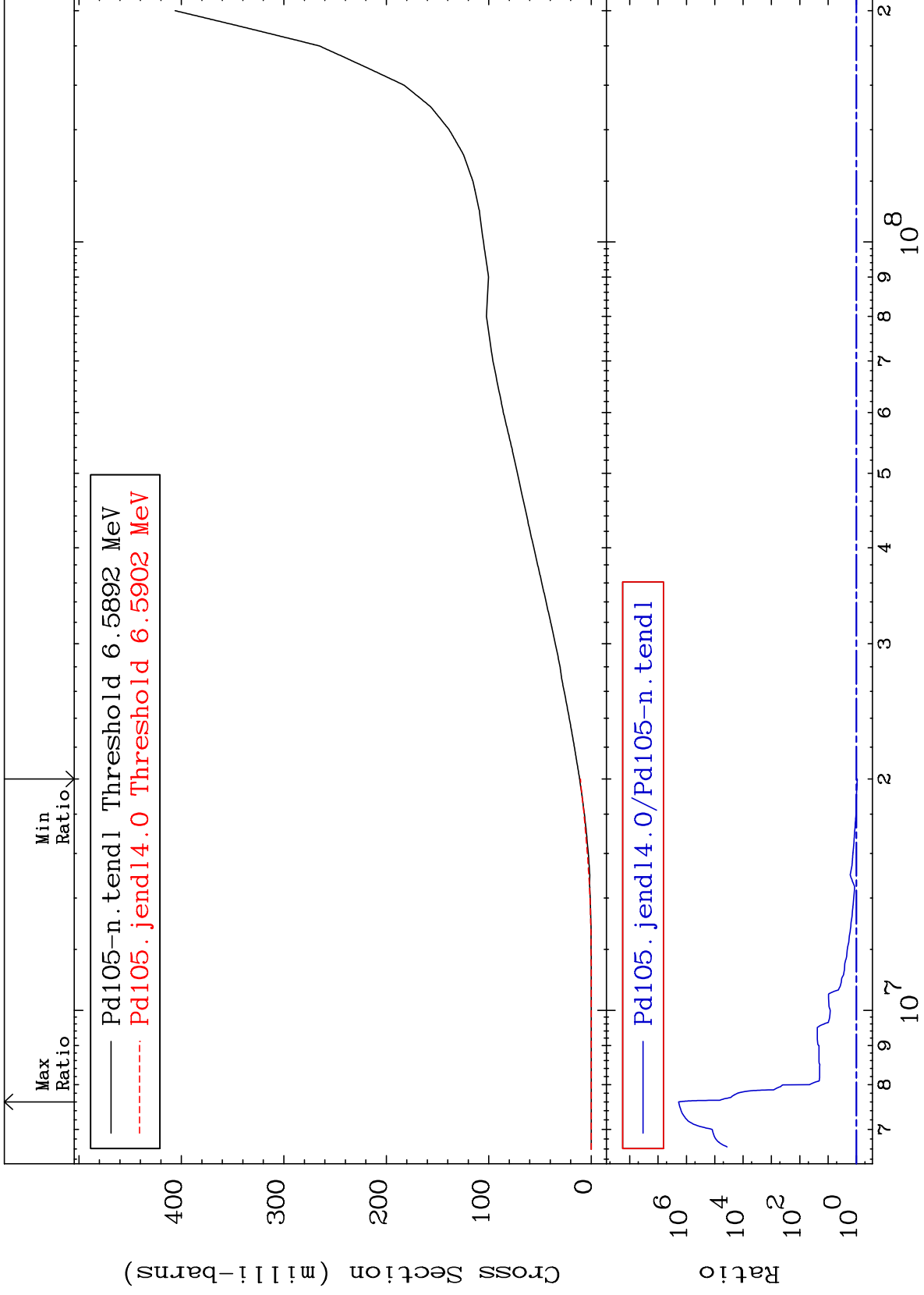
Incident Energy (eV)

46-Pd-105

MAT 4634

Deuterium Production  
Cross Section

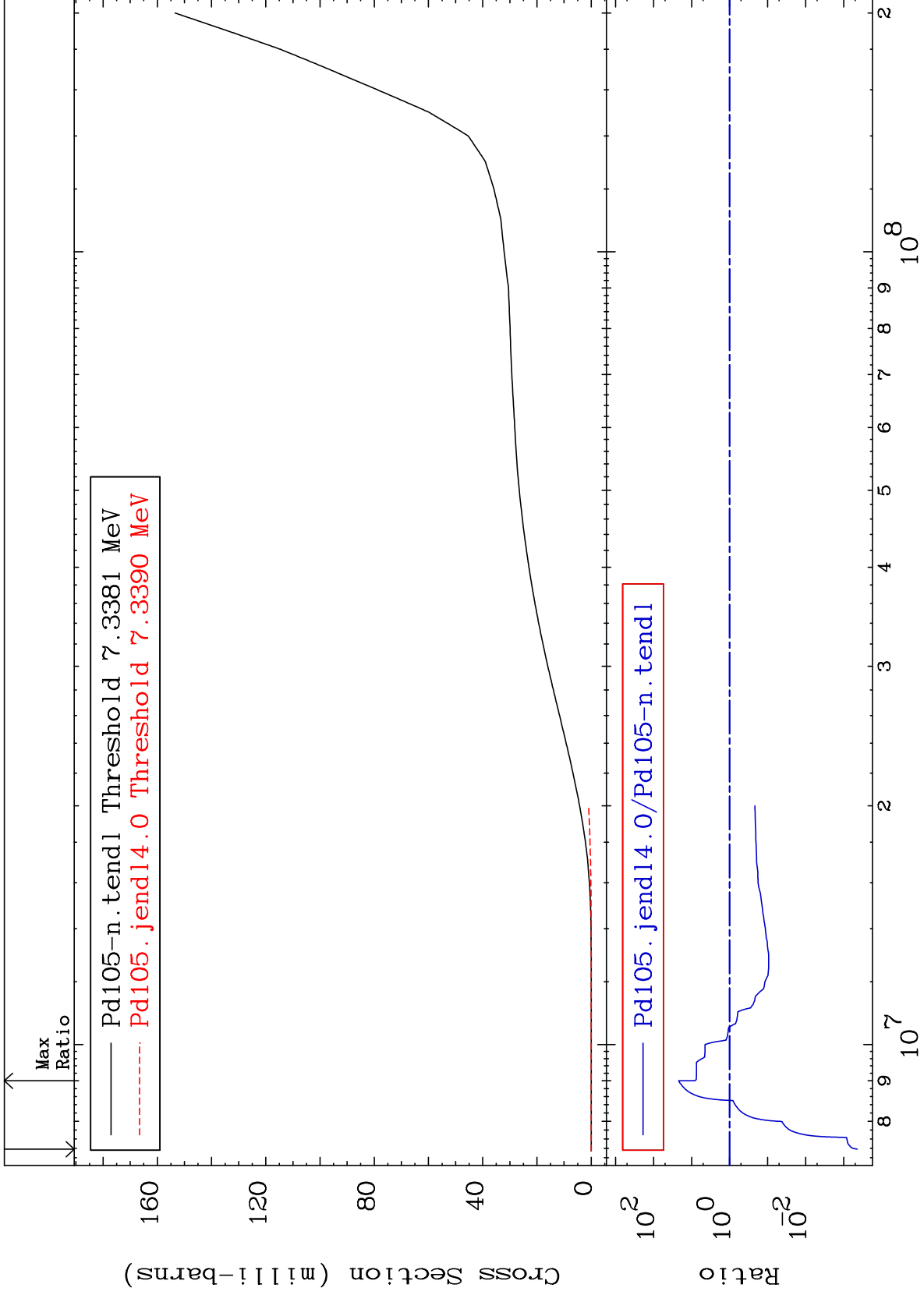
46-Pd-105  
-6.077 To 9999. %



MAT 4634

Tritium Production  
Cross Section

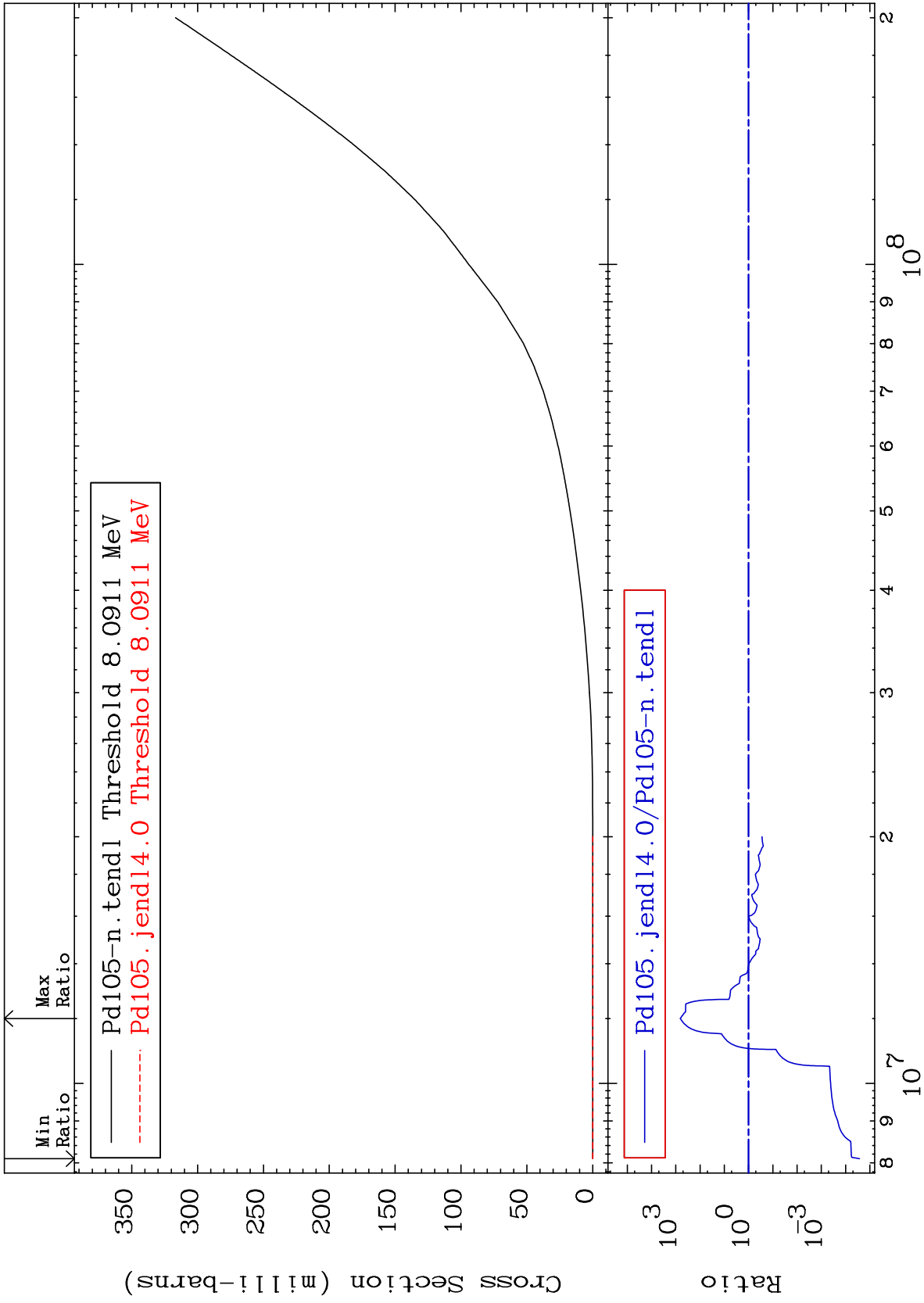
46-Pd-105  
-99.96 To 2090. %



MAT 4634

He-3 Production  
Cross Section

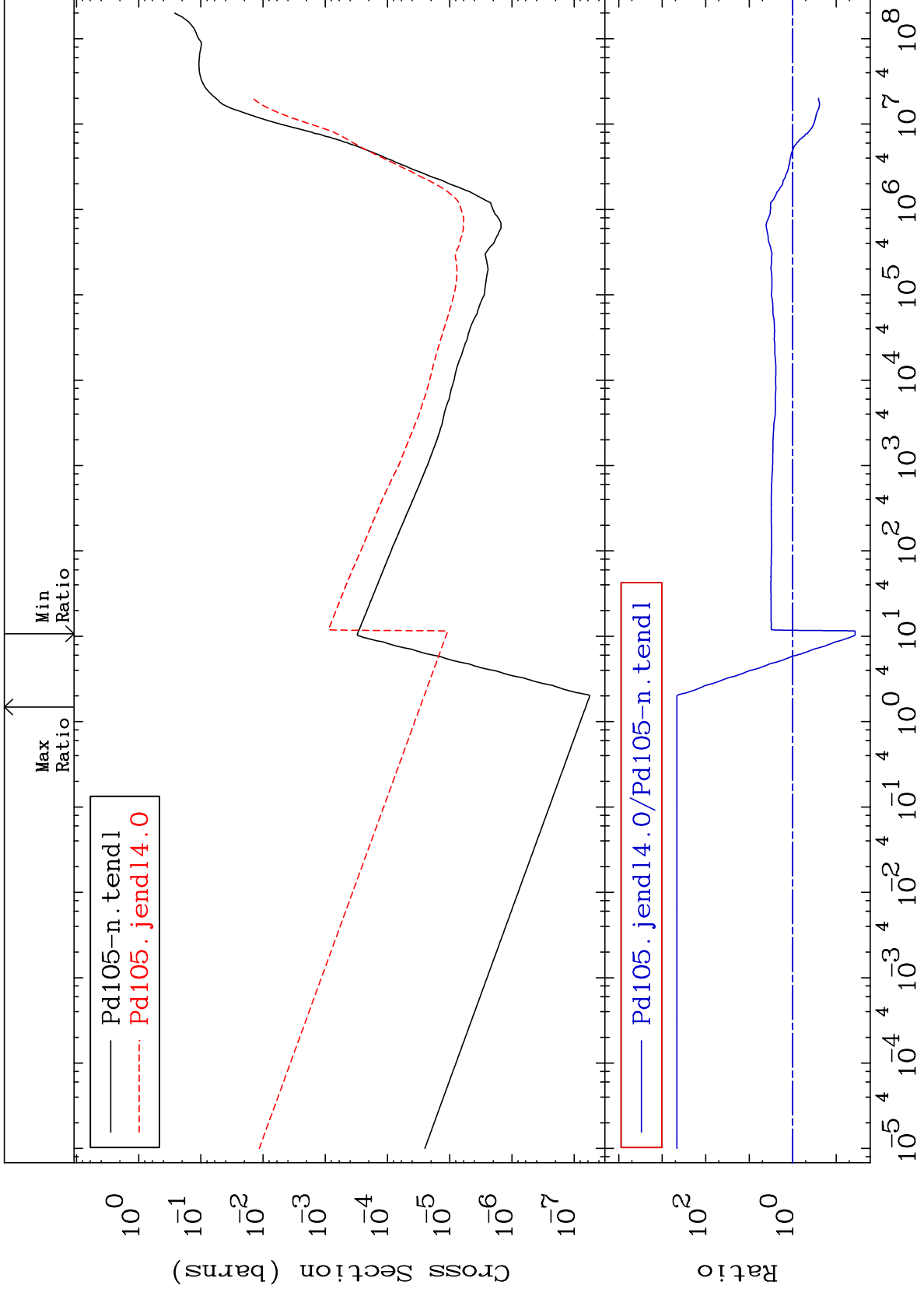
46-Pd-105  
-100.0 To 9999. %



MAT 4634

He-4 Production  
Cross Section

46-Pd-105  
-96.33 To 9999. %



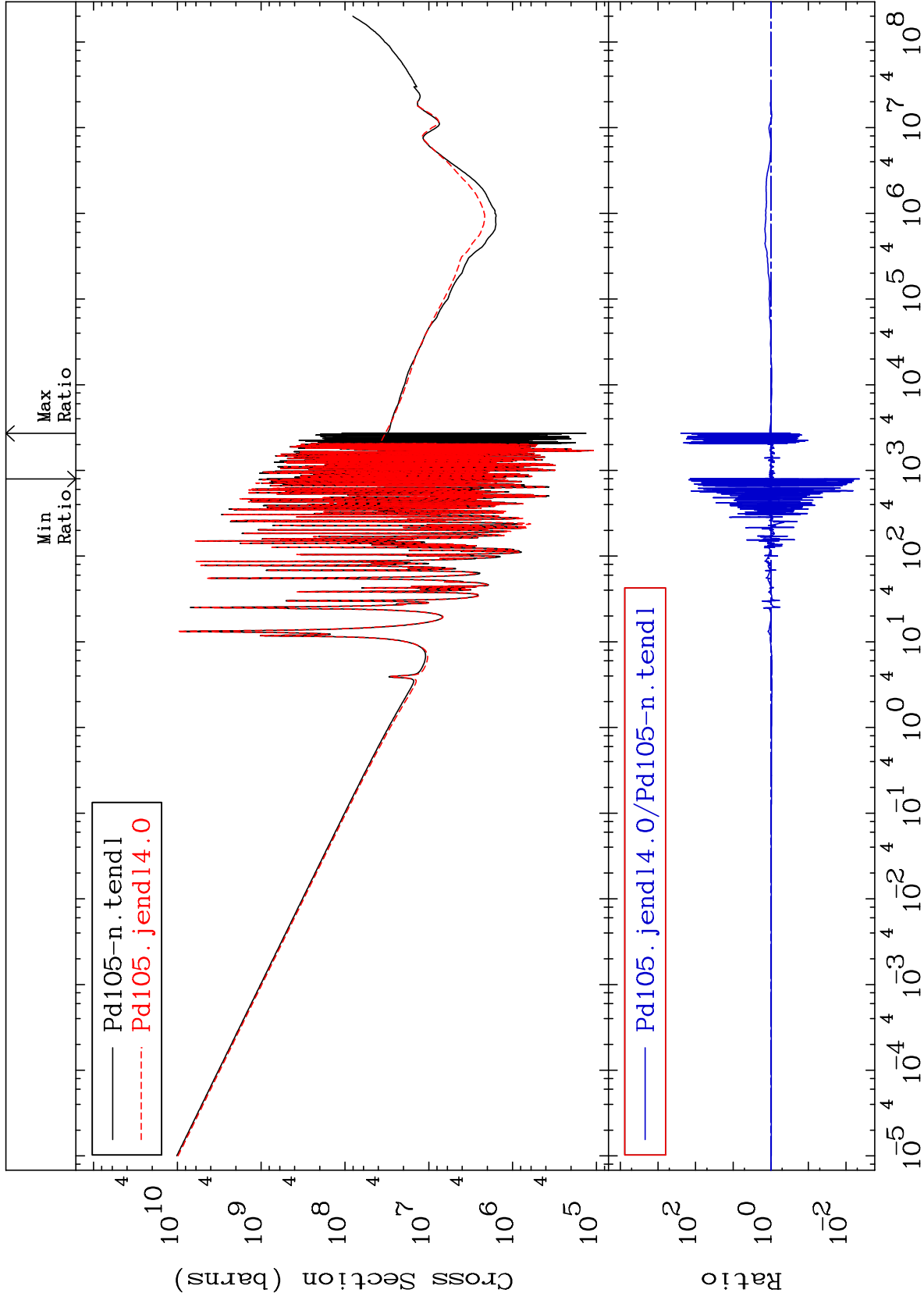
MAT 4634

Kerma total (eV-barns)

46-Pd-105

Cross Section

-99.56 To 9999. %



55

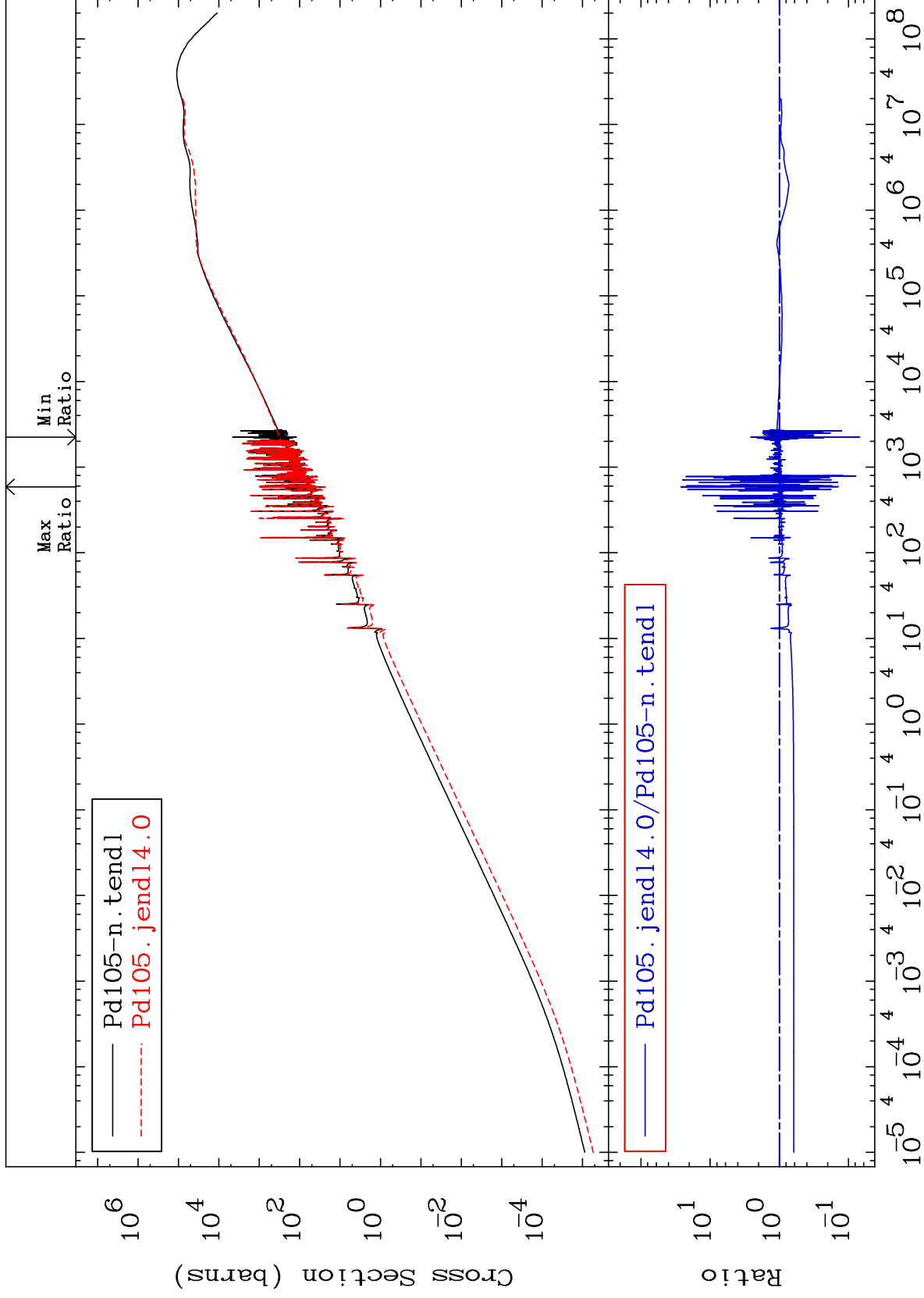
Incident Energy (eV)

46-Pd-105

MAT 4634

Kerma elastic  
Cross Section

46-Pd-105  
-93.09 To 2561. %



56

Incident Energy (eV)

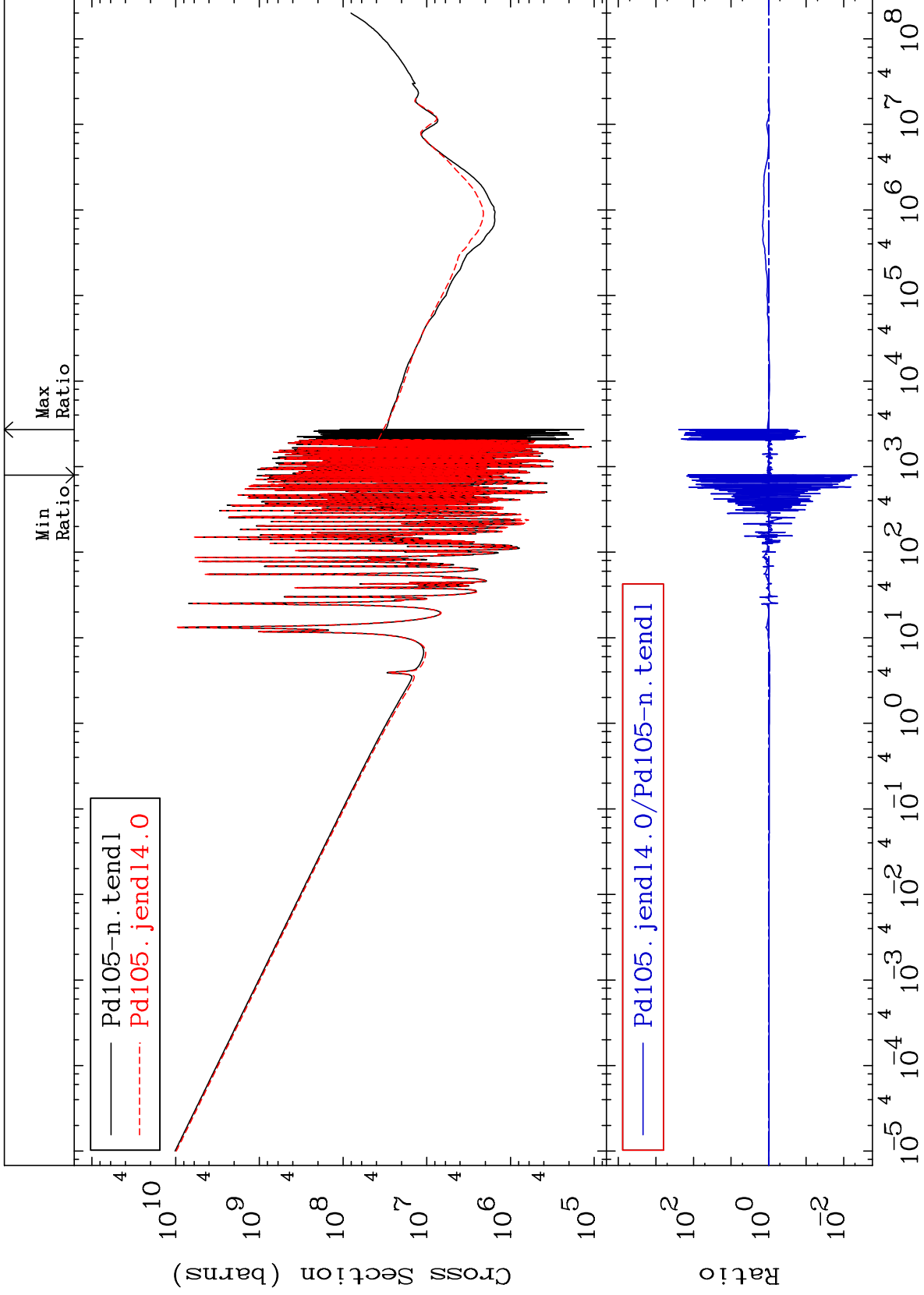
46-Pd-105

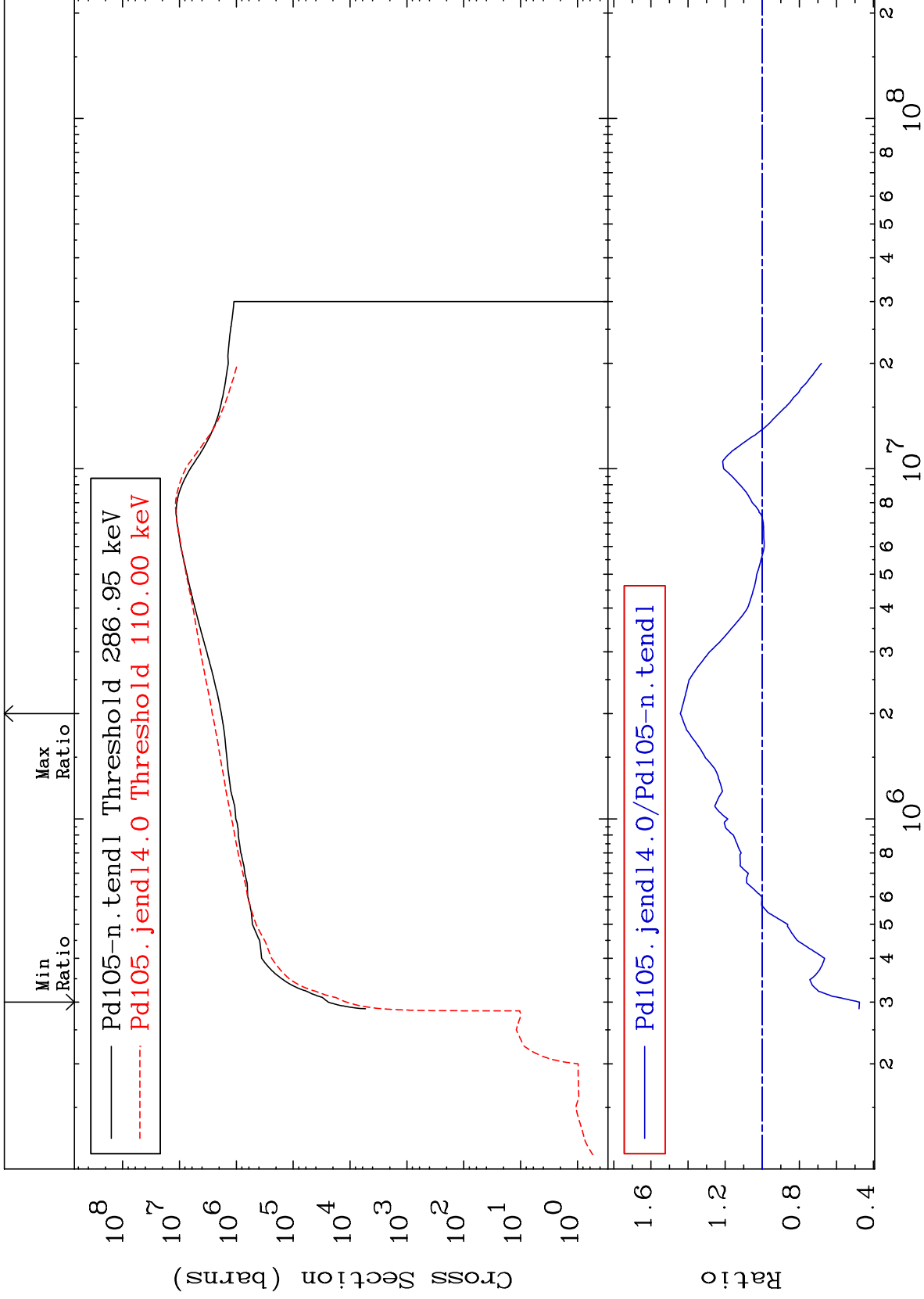


MAT 4634

Kerma non-elastic (all but mt2)  
Cross Section

46-Pd-105  
-99.56 To 9999. %

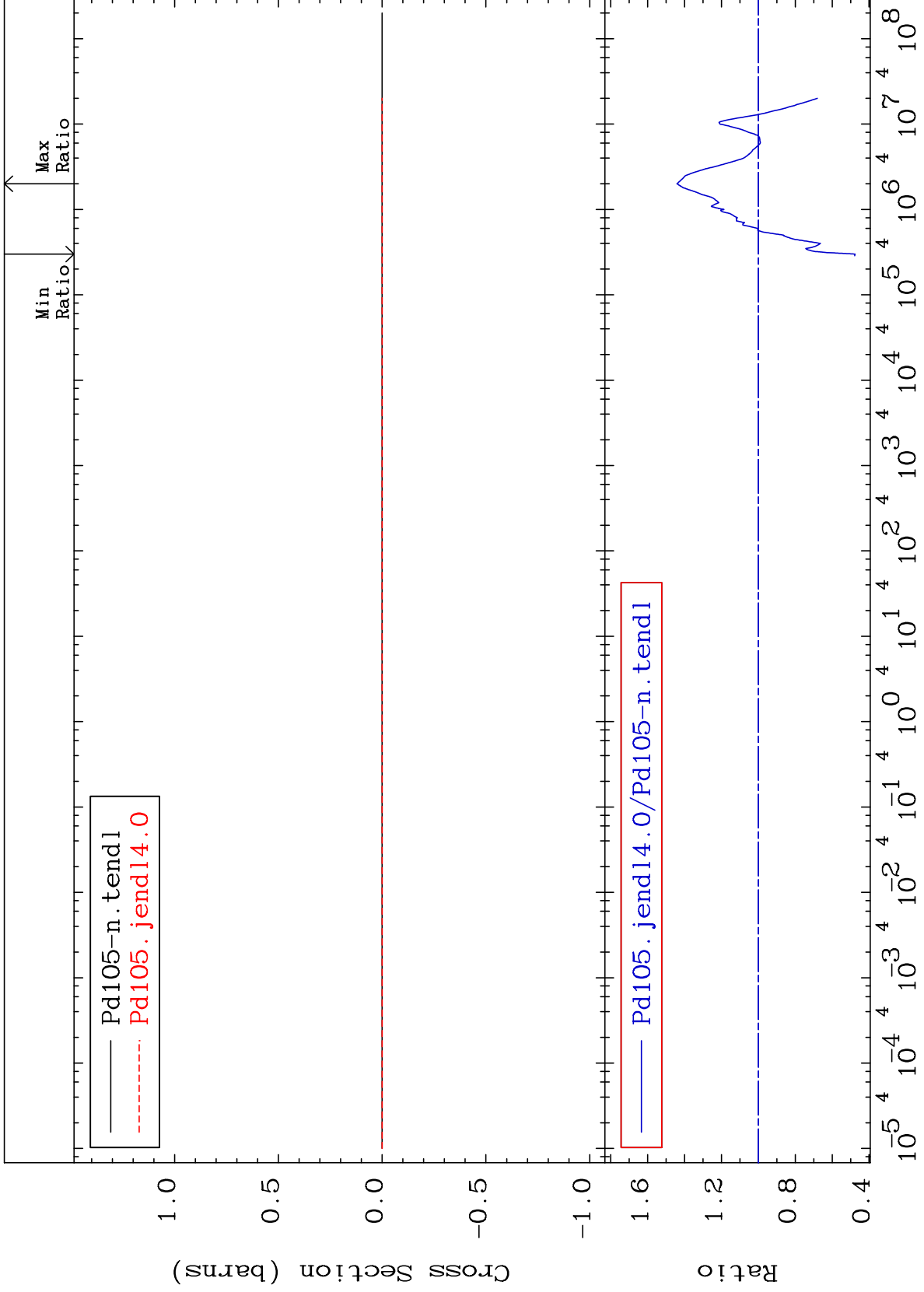




MAT 4634

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

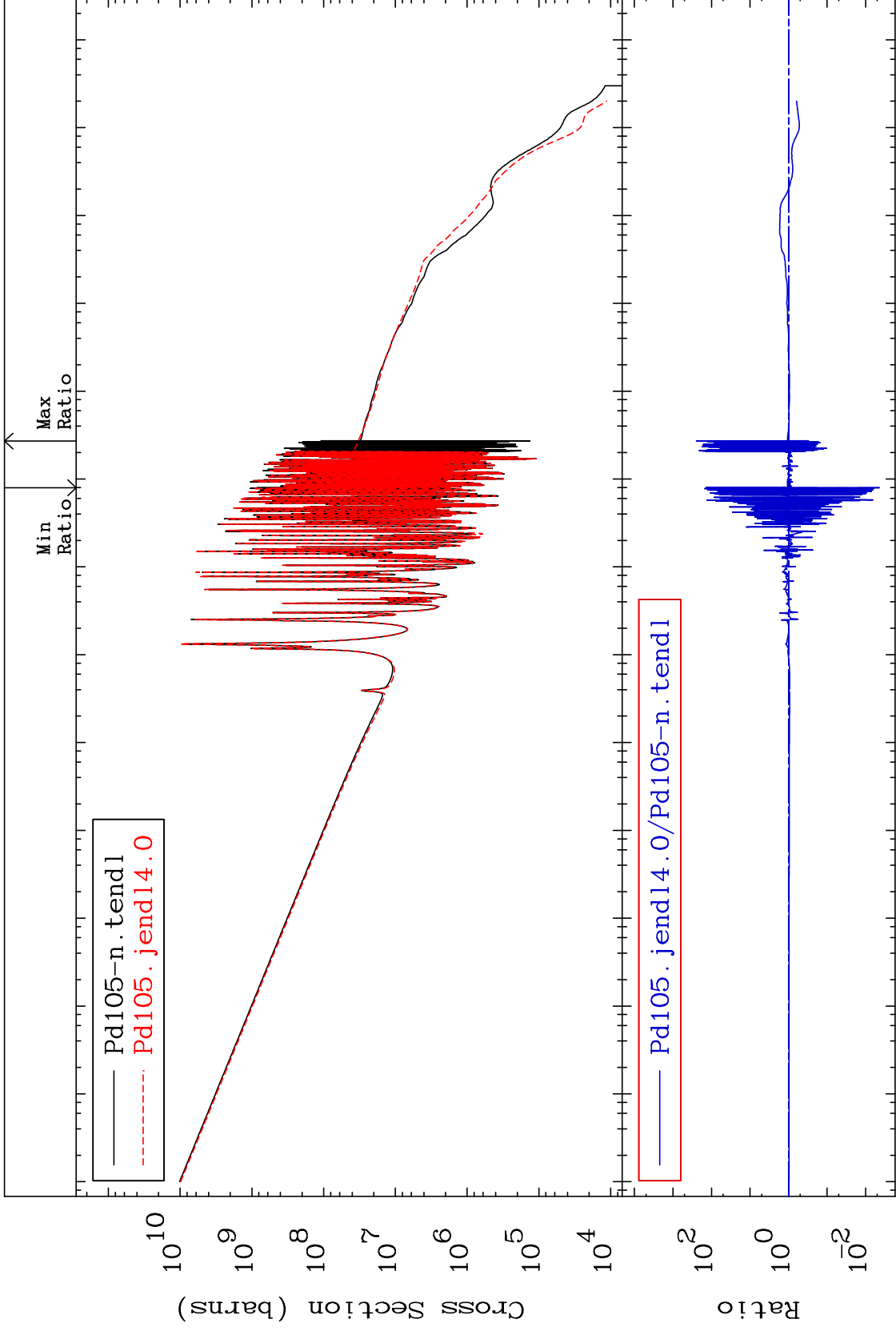
46-Pd-105  
-52.41 To 44.15 %



MAT 4634

Kerma capture (mt102)  
Cross Section

46-Pd-105  
-99.56 To 9999. %



60

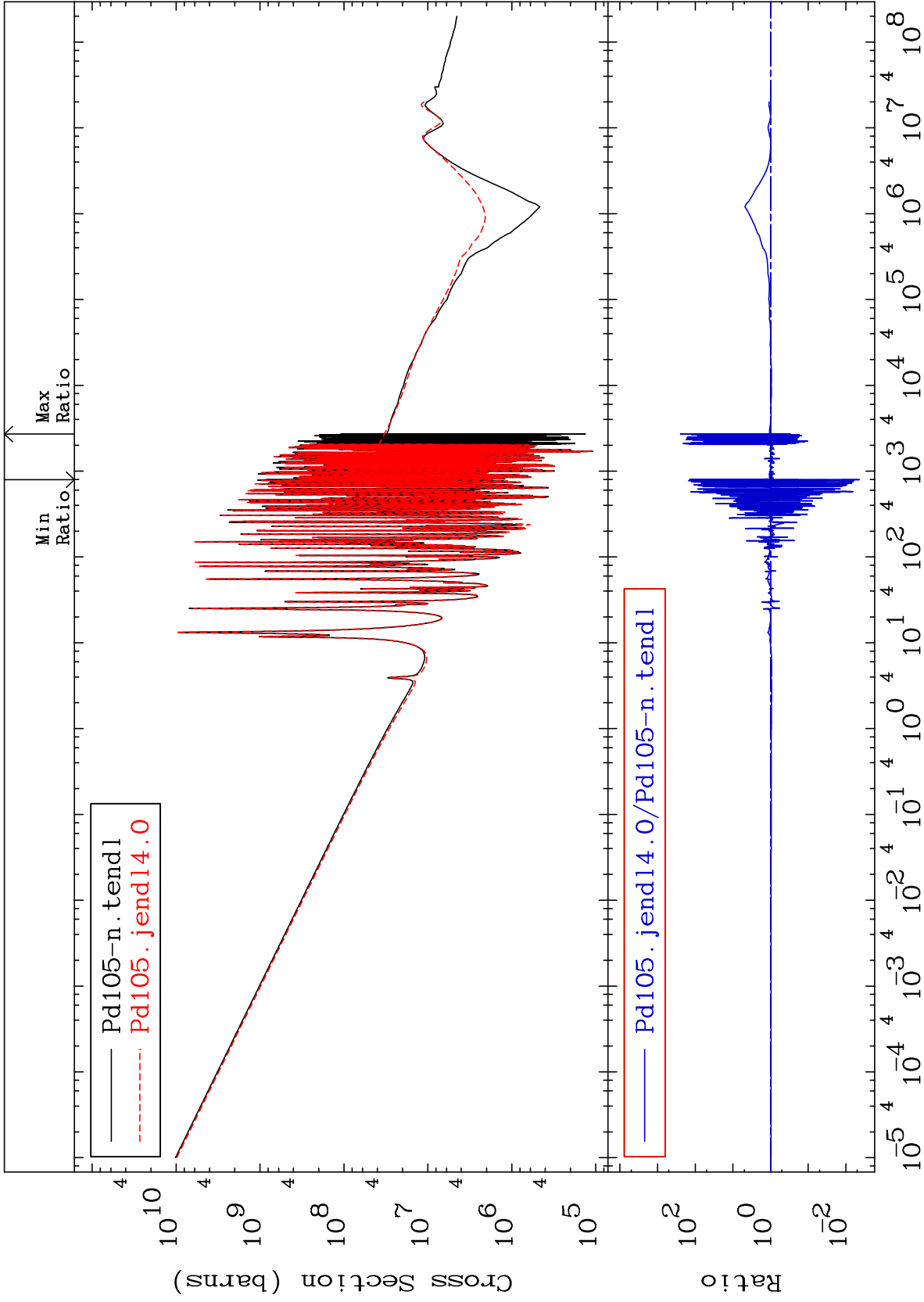
Incident Energy (eV)

46-Pd-105

MAT 4634

Total photon (eV-barns)  
Cross Section

46-Pd-105  
-99.56 To 9999. %



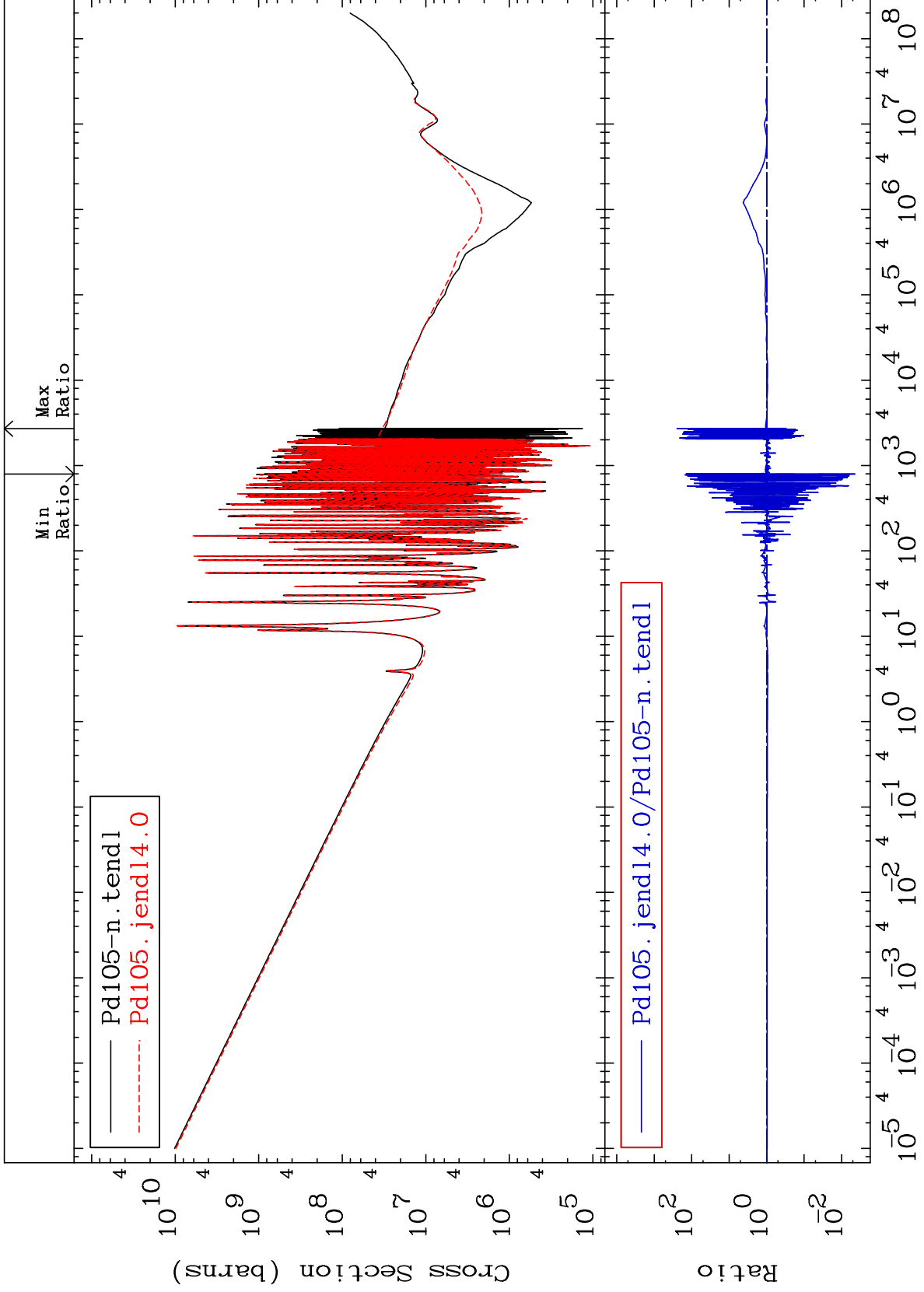
61

46-Pd-105

MAT 4634

Total kinematic kerma (high limit)  
Cross Section

46-Pd-105  
-99.56 To 9999. %



62

Incident Energy (eV)

46-Pd-105

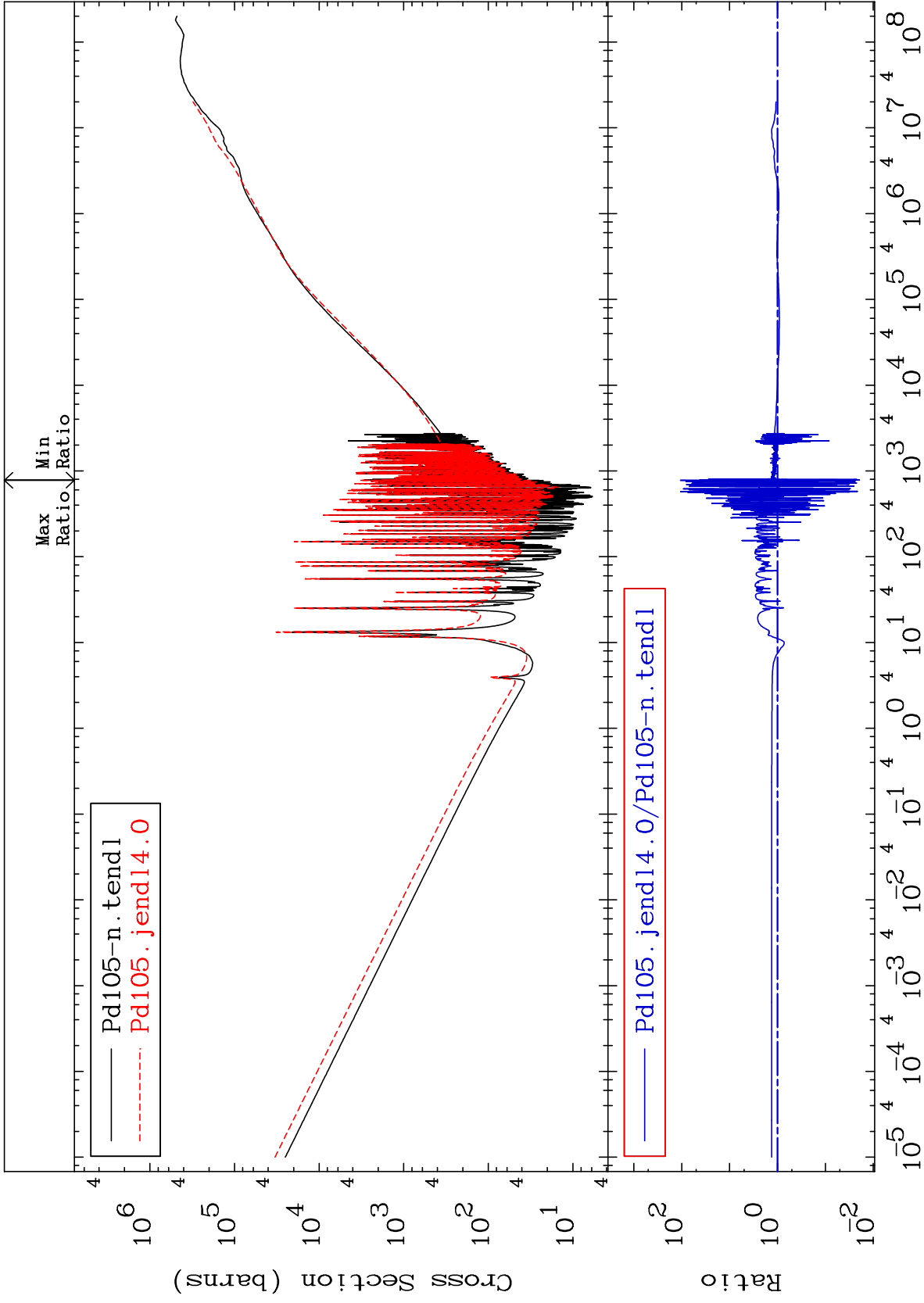
MAT 4634

Dpa total (eV-barns)

46-Pd-105

-98.06 To 9999. %

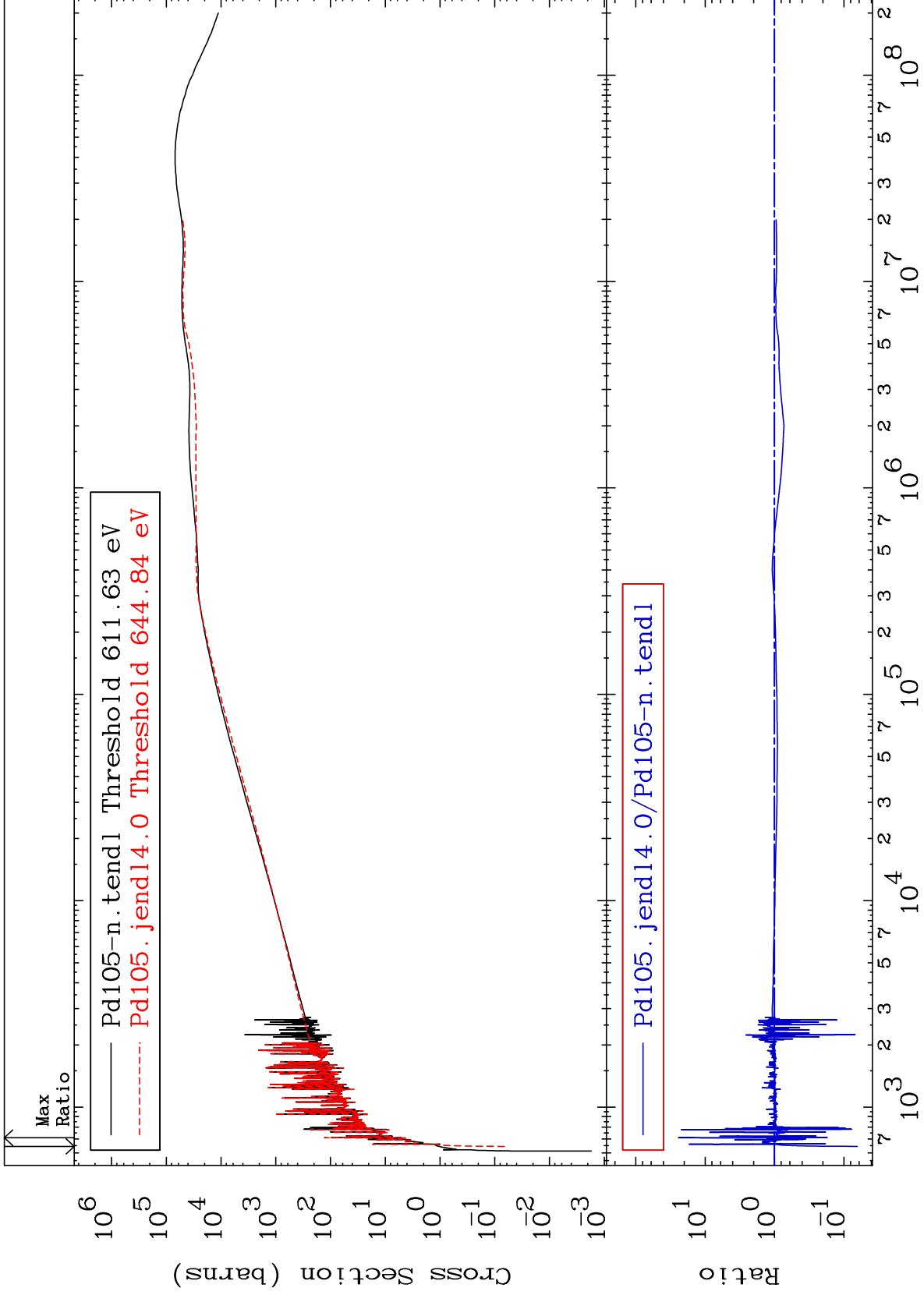
Cross Section



MAT 4634

Dpa elastic (mt2)  
Cross Section

46-Pd-105  
-93.60 To 2314. %

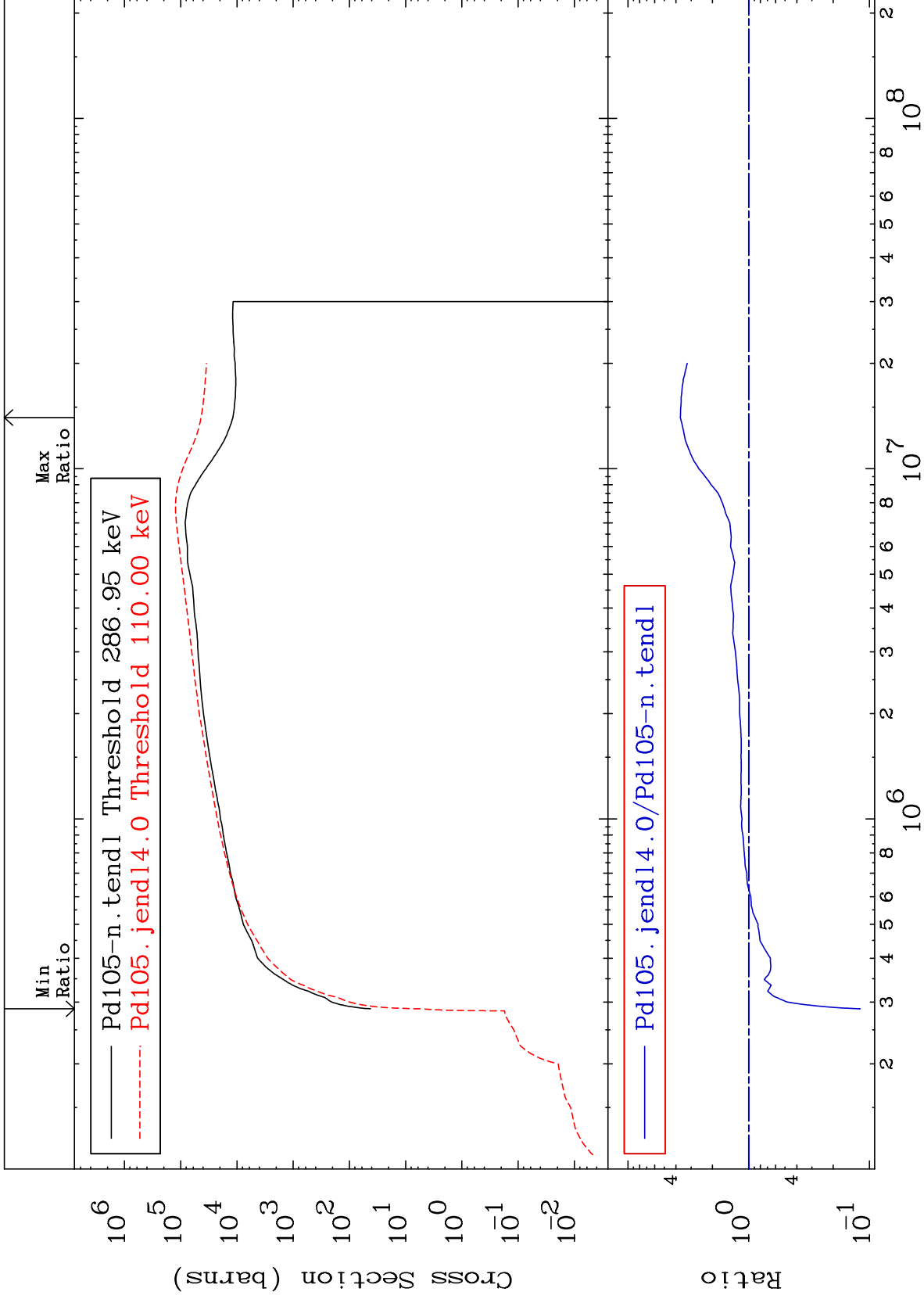




MAT 4634

Dpa inelastic (mt51-91)  
Cross Section

46-Pd-105  
-87.88 To 268.2 %



65

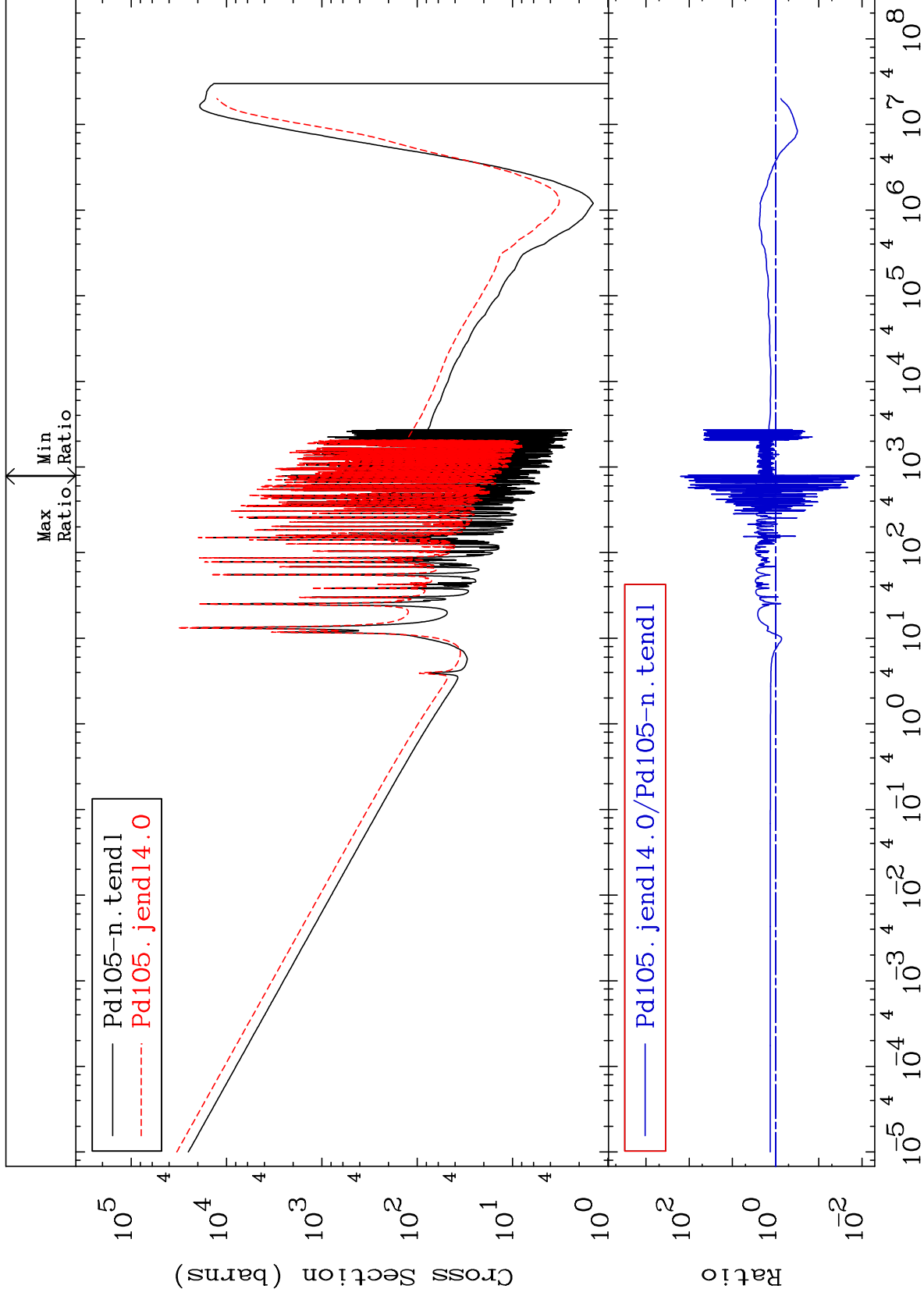
Incident Energy (eV)

46-Pd-105

MAT 4634

Dpa disappearance (mt102 -120)  
Cross Section

46-Pd-105  
-98.86 To 9999. %



66

Incident Energy (eV)

46-Pd-105