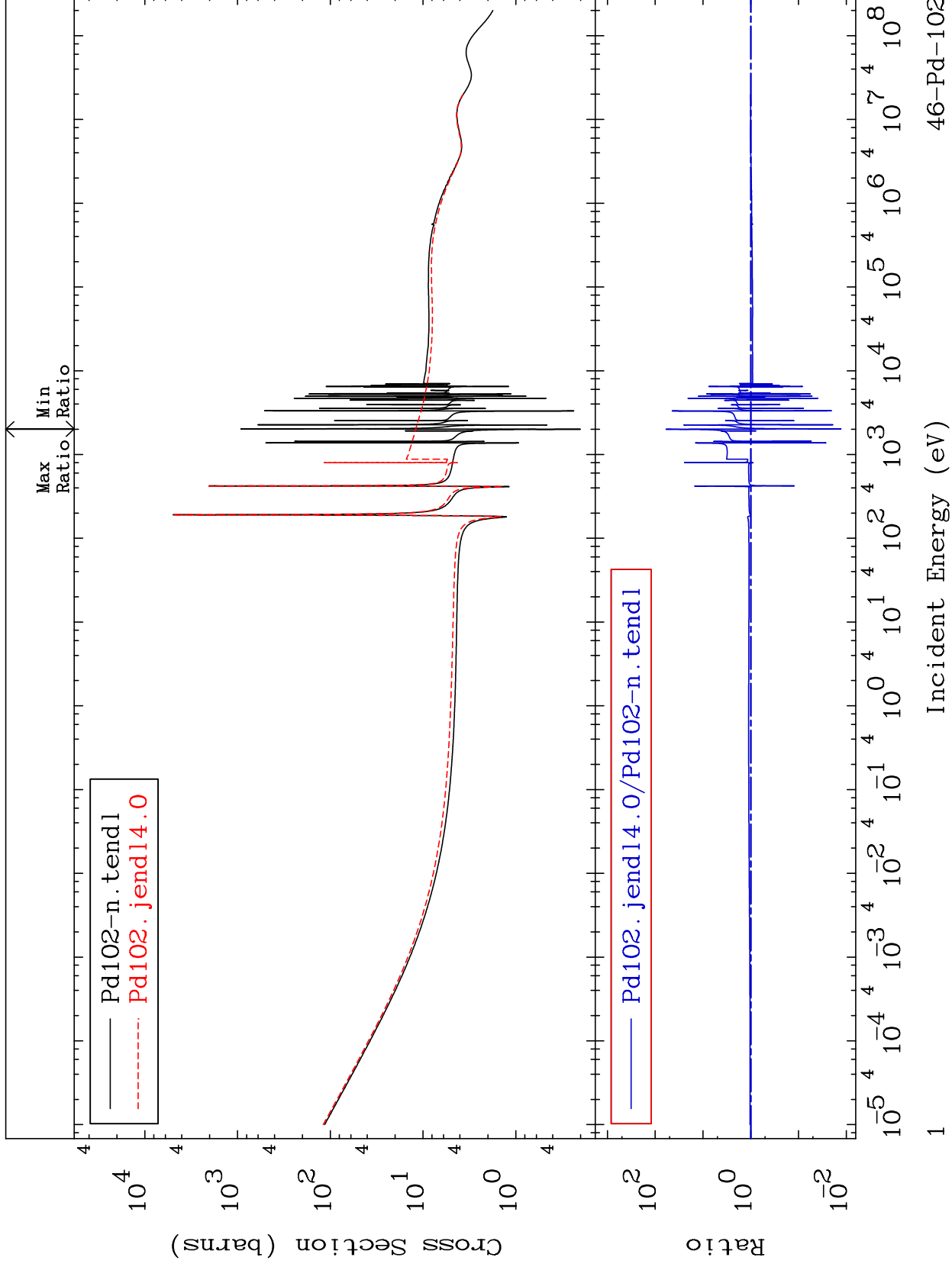


MAT 4625

Total  
Cross Section

46-Pd-102  
-98.70 To 5859. %

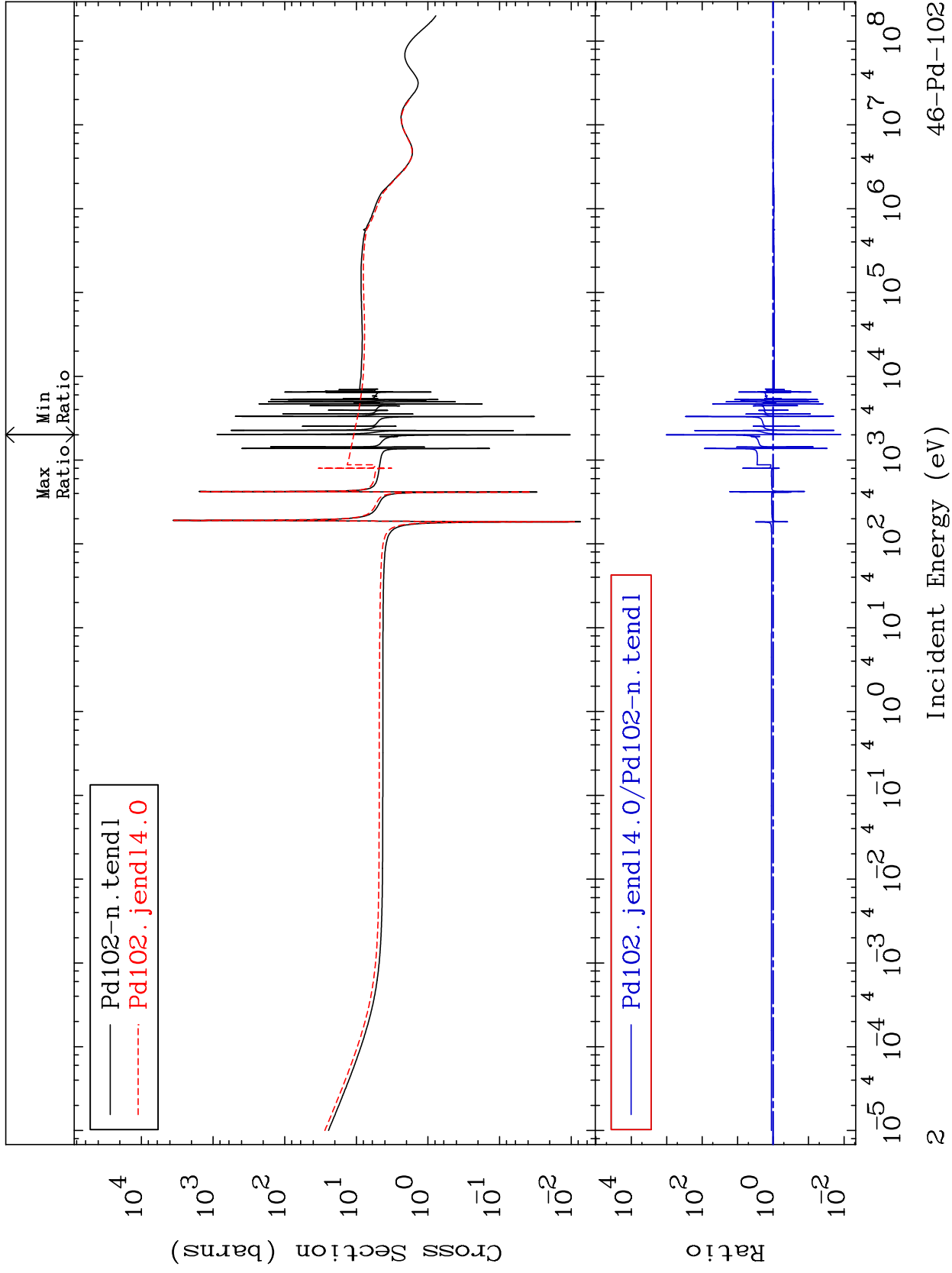


46-Pd-102

MAT 4625

Elastic  
Cross Section

46-Pd-102  
-98.77 To 9999. %



46-Pd-102

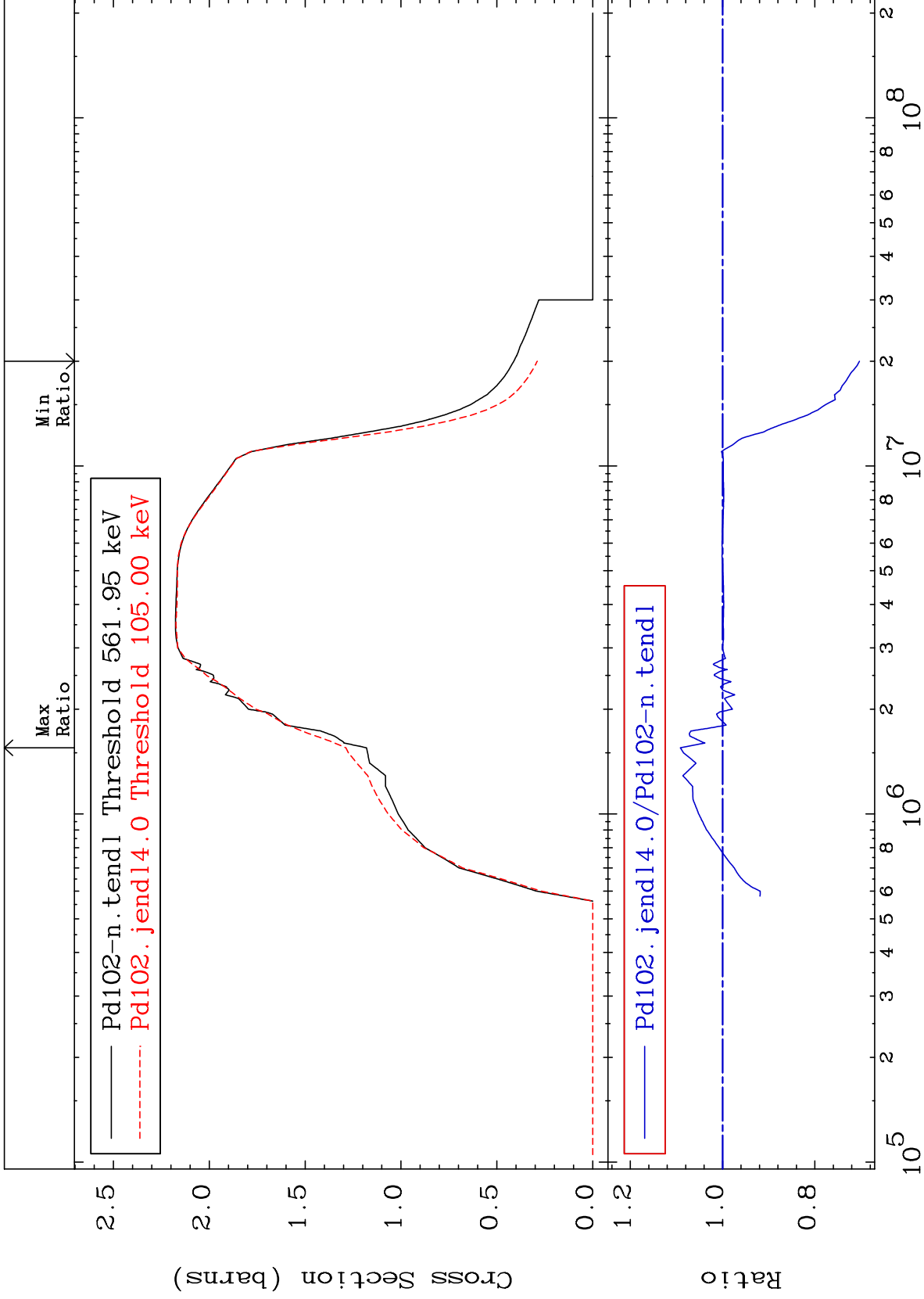
Incident Energy (eV)

2

MAT 4625

Inelastic  
Cross Section

46-Pd-102  
-29.66 To 9.156 %



Incident Energy (eV)

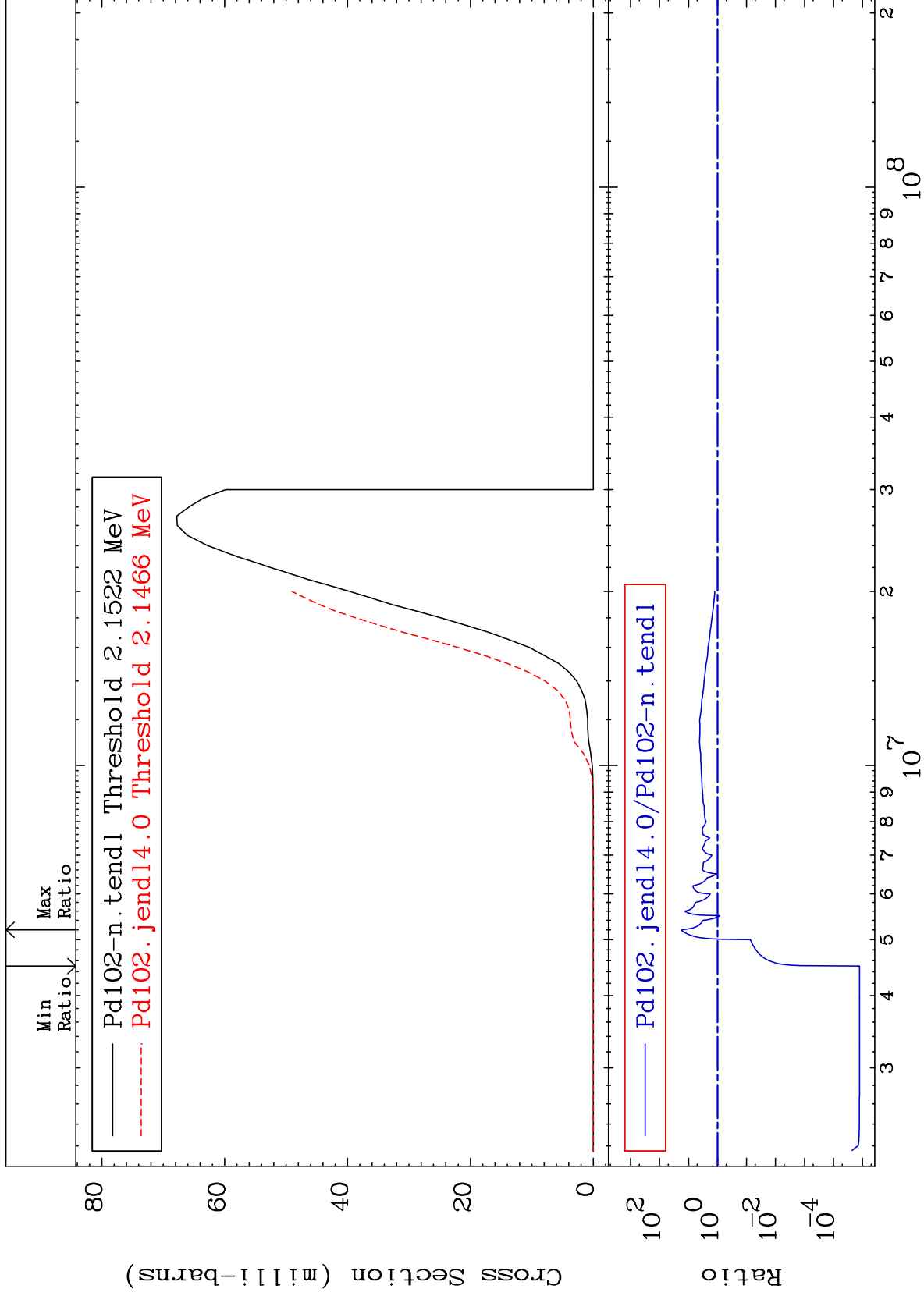
46-Pd-102





MAT 4625

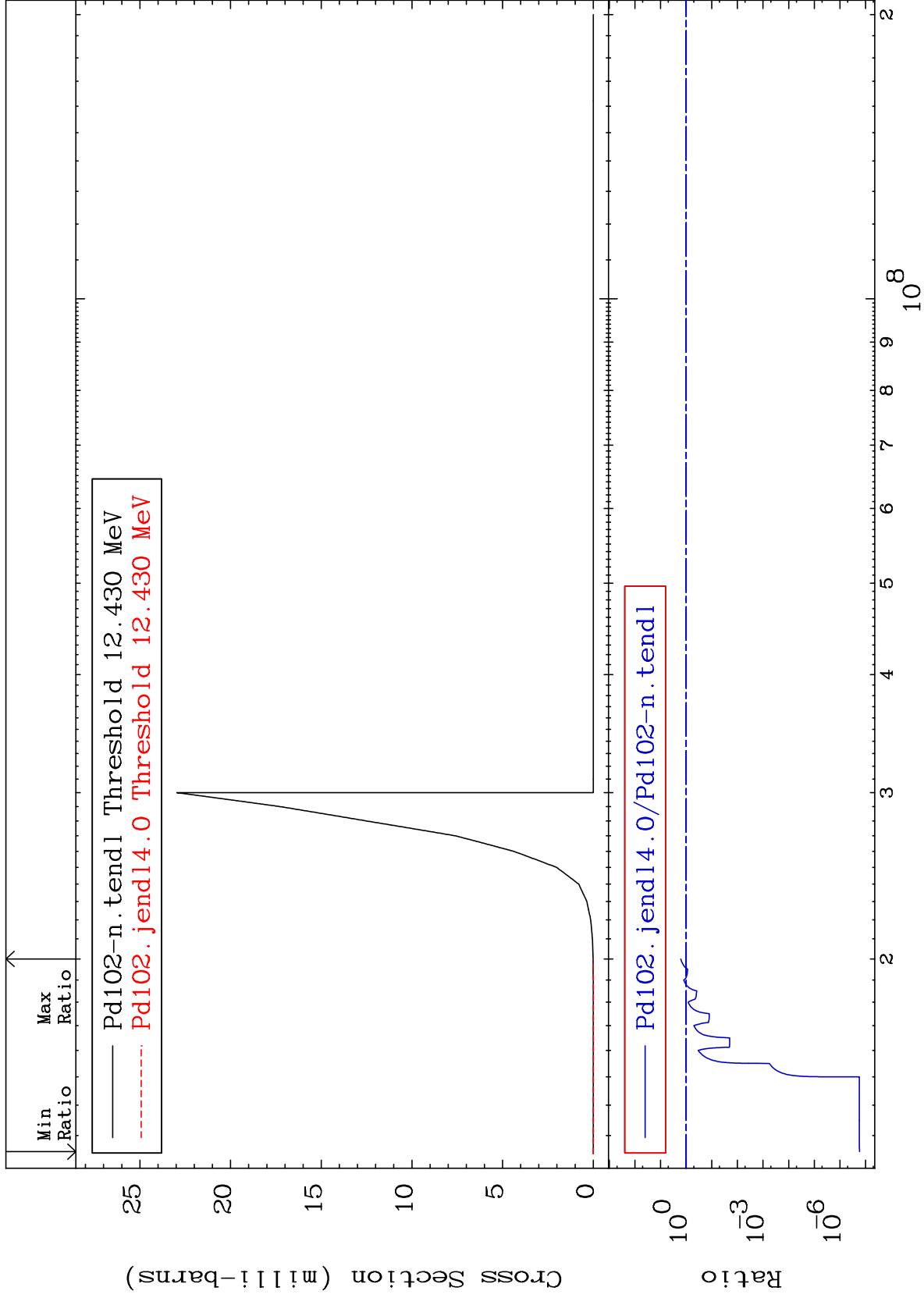
(n,n')  $\alpha$   
Cross Section  
46-Pd-102  
-100.0 To 1753. %



MAT 4625

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

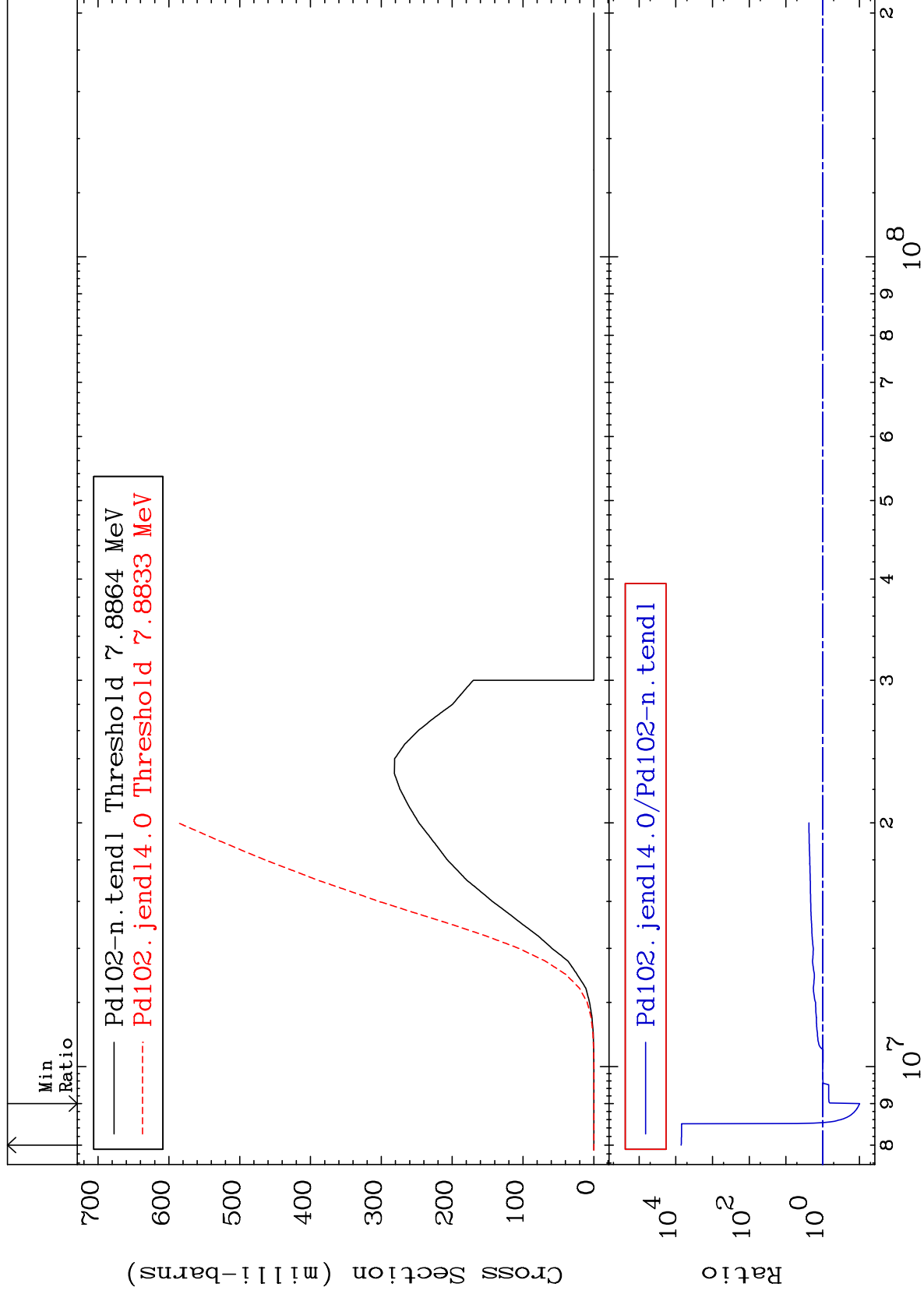
46-Pd-102  
-100.0 To 62.38 %



MAT 4625

(n,n') p  
Cross Section

46-Pd-102  
-90.19 To 9999. %



8

Incident Energy (eV)

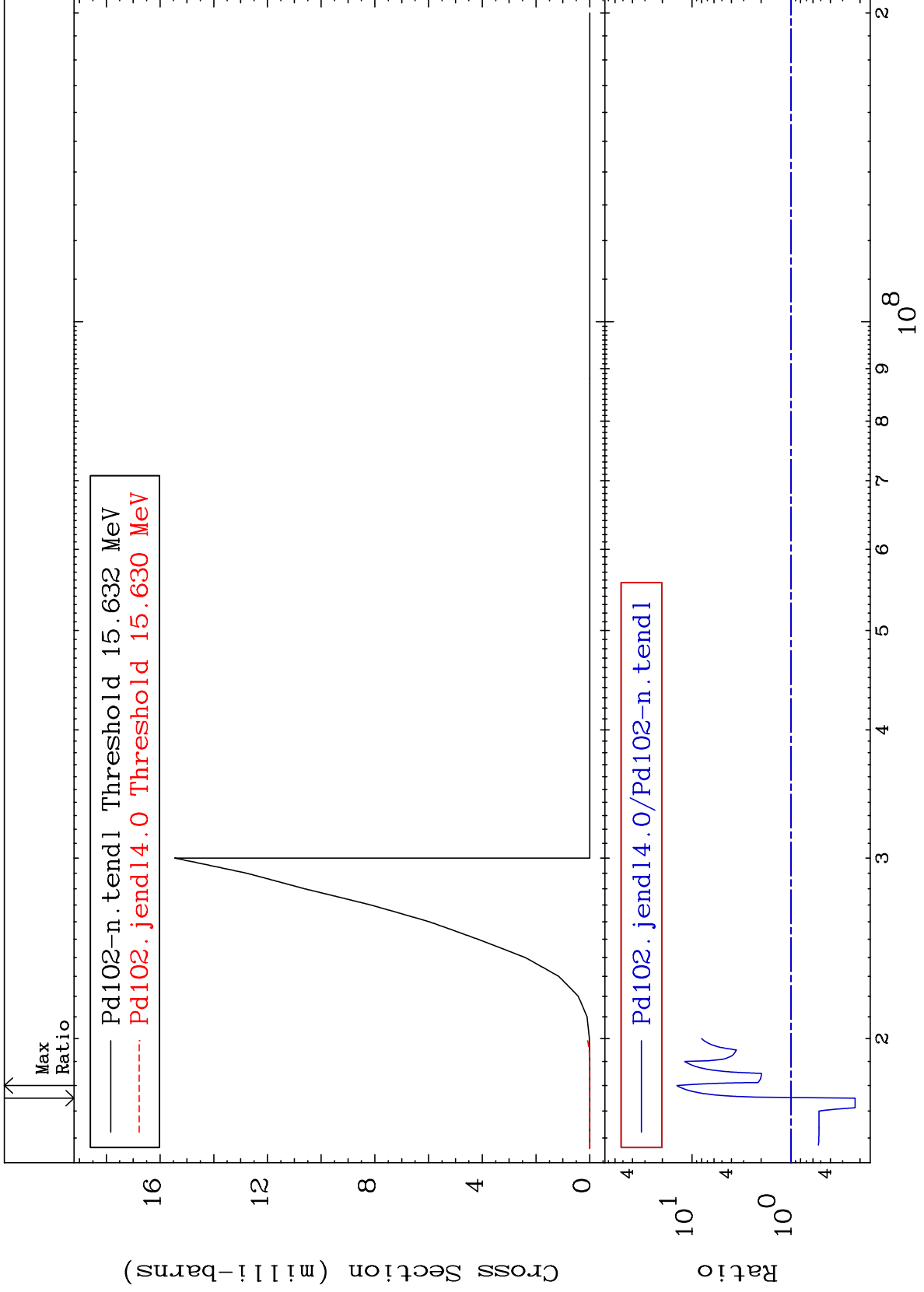
46-Pd-102



MAT 4625

(n,n') d  
Cross Section

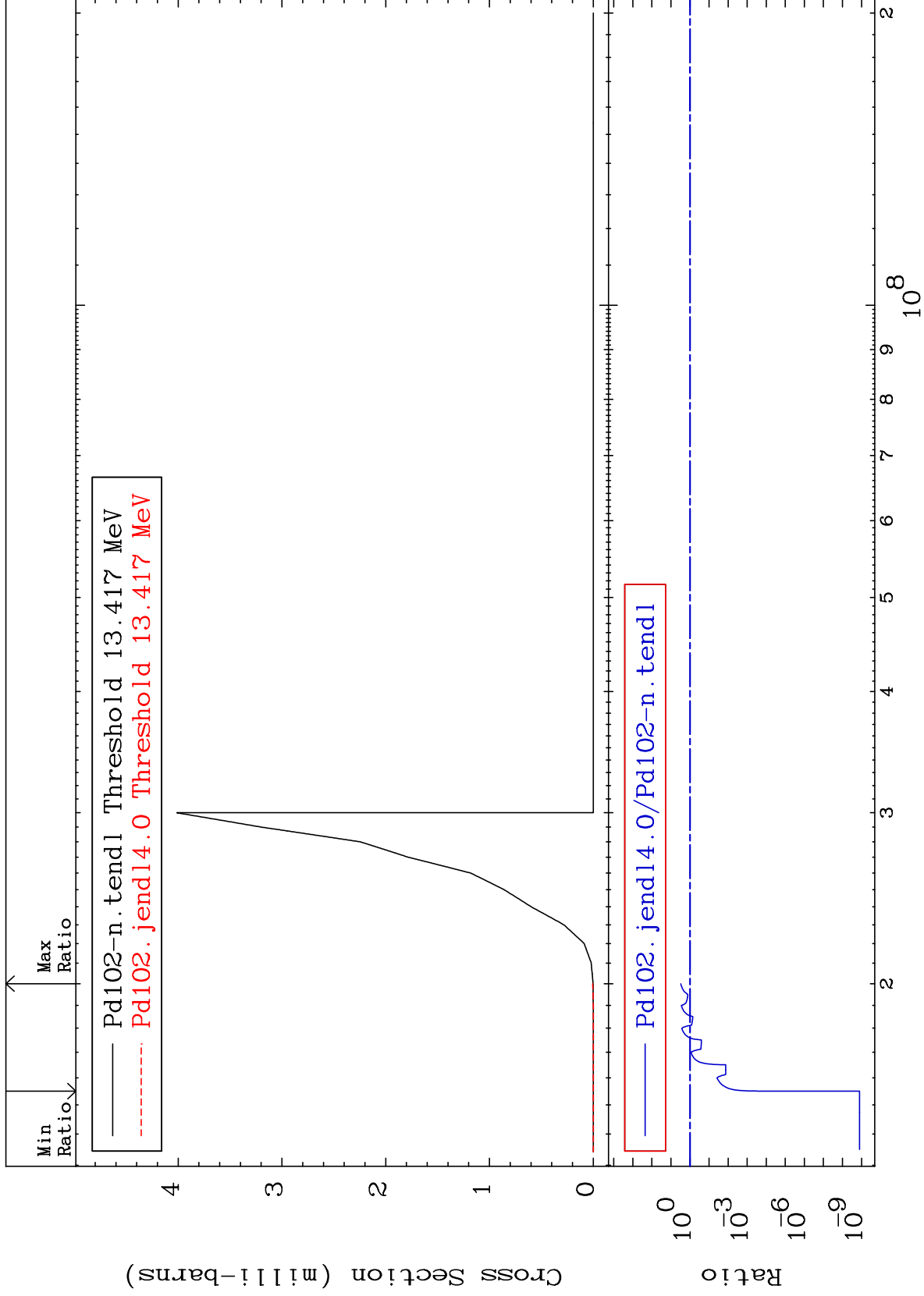
46-Pd-102  
-77.54 To 1322. %



MAT 4625

(n,2n) p  
Cross Section

46-Pd-102  
-100.0 To 204.9 %



10

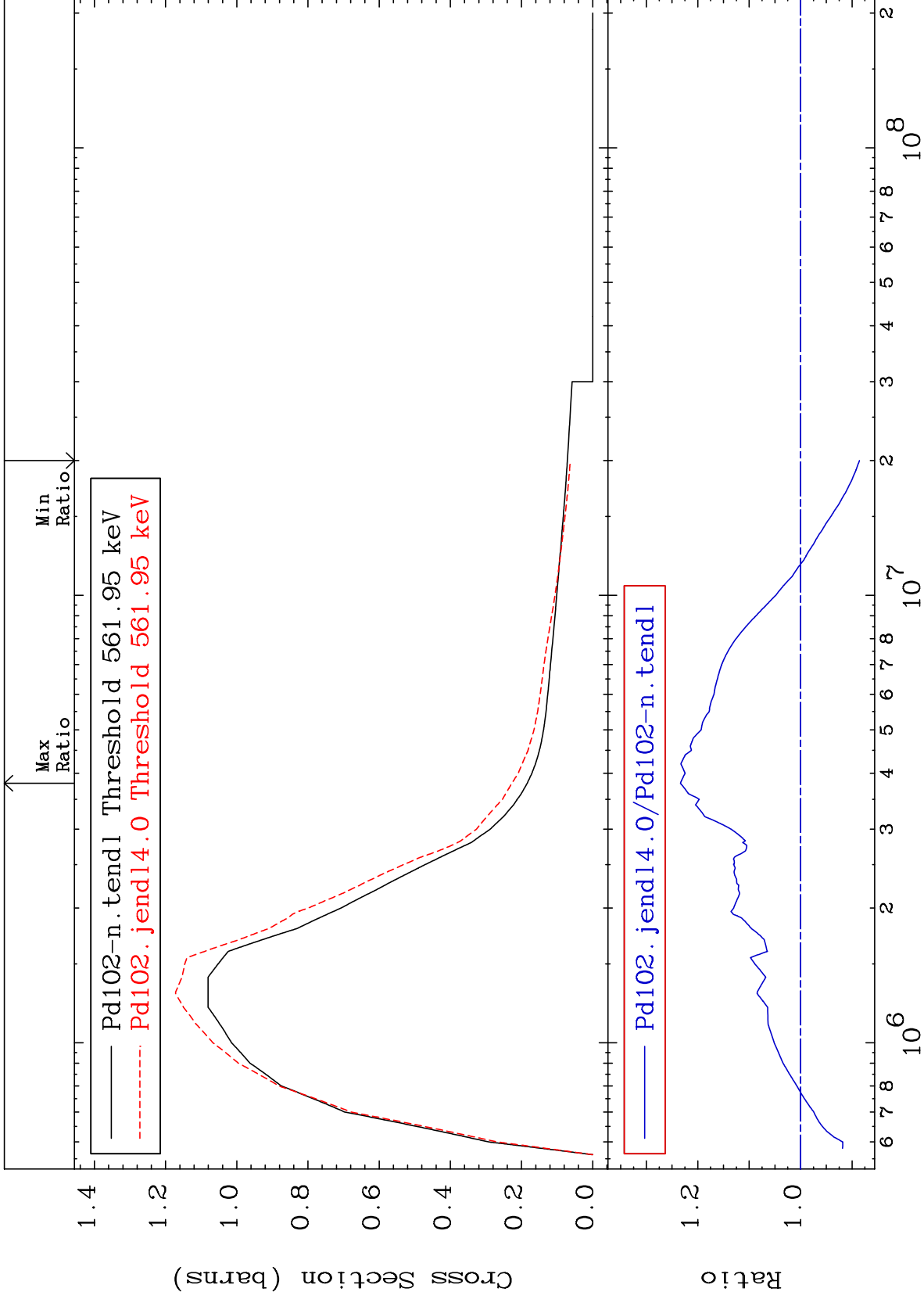
Incident Energy (eV)

46-Pd-102

MAT 4625

556.4 keV (n,n') Level  
Cross Section

46-Pd-102  
-11.44 To 23.39 %



11

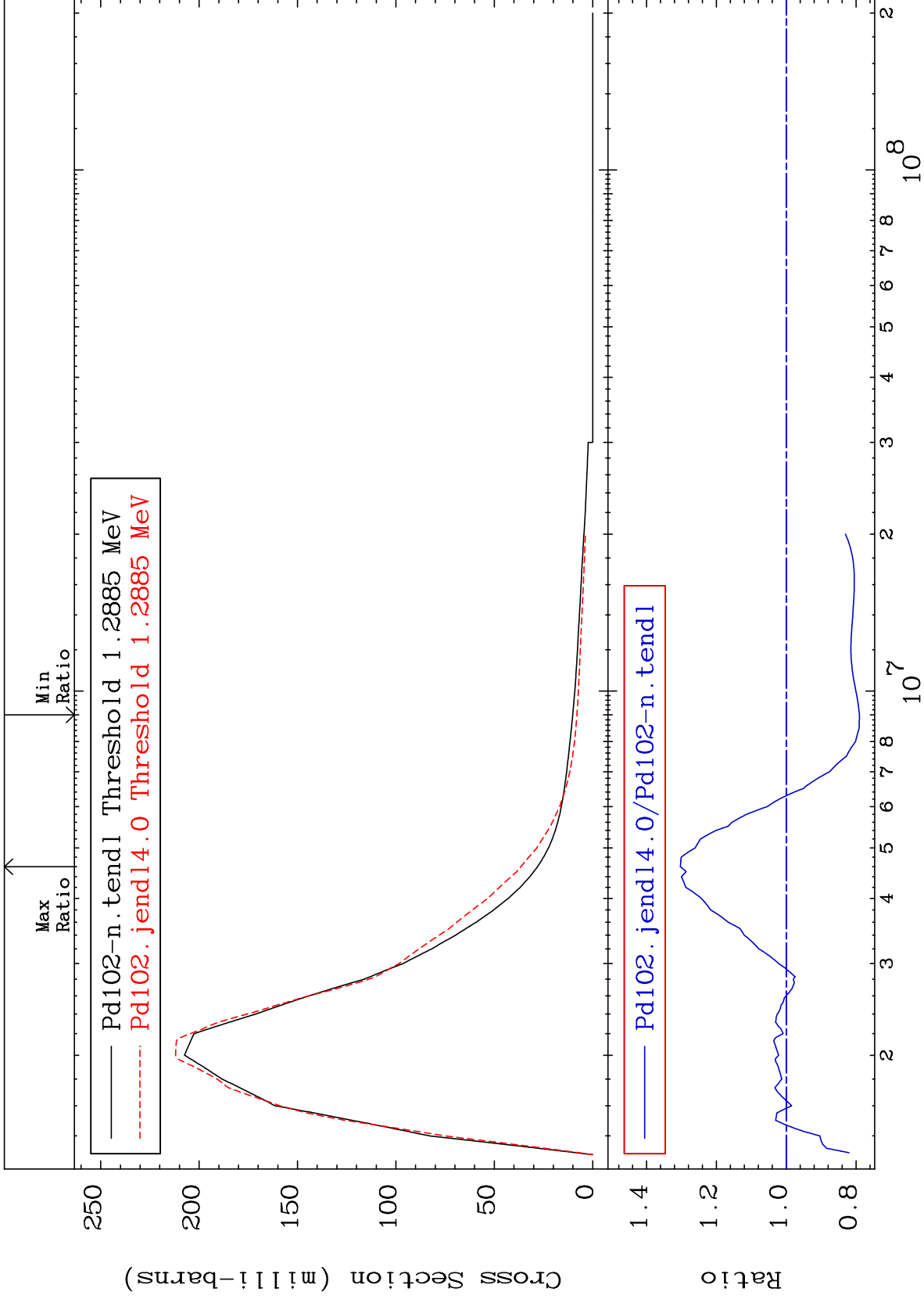
Incident Energy (eV)

46-Pd-102

MAT 4625

1.276 MeV (n,n') Level  
Cross Section

46-Pd-102  
-20.97 To 30.34 %



12

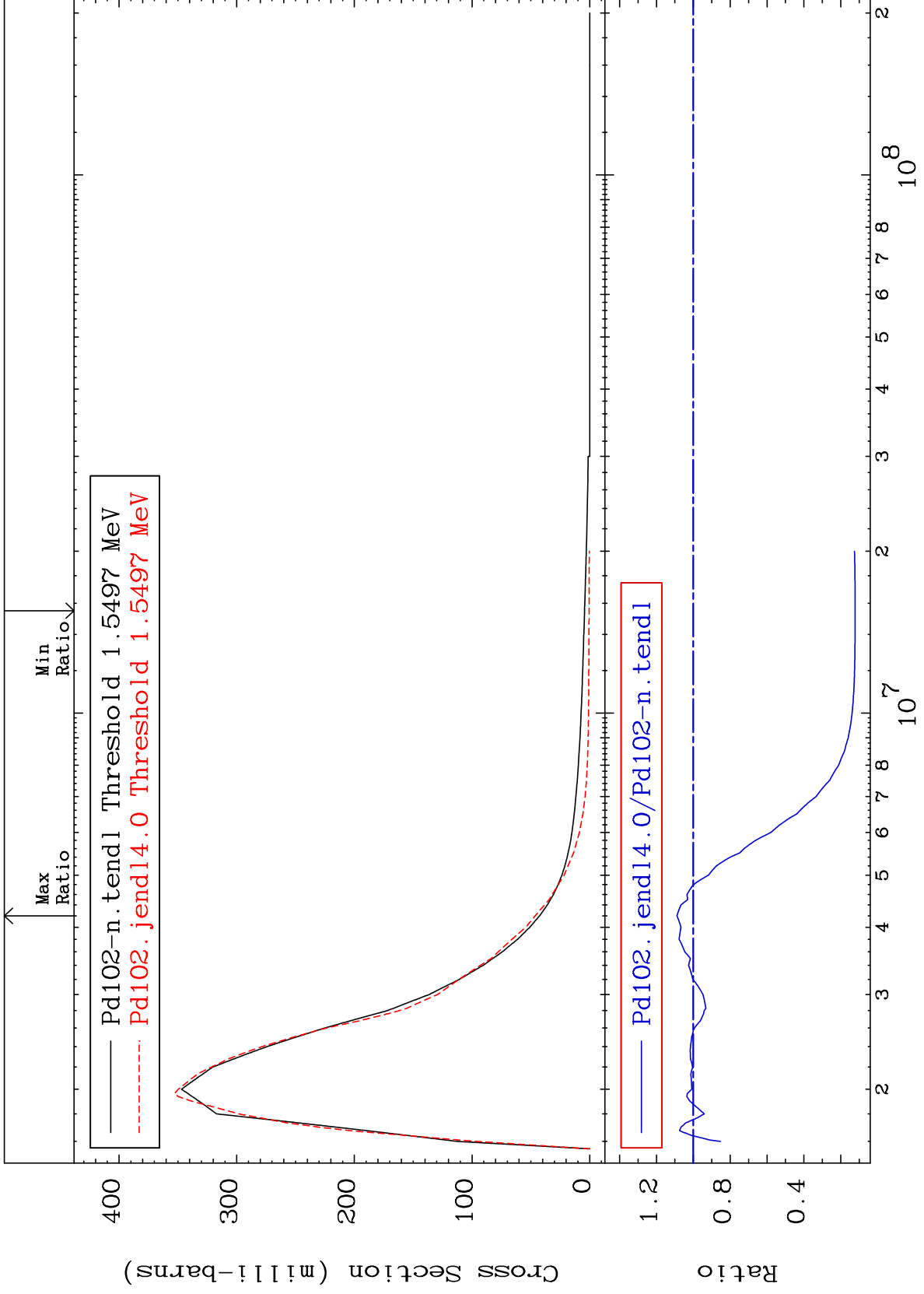
Incident Energy (eV)

46-Pd-102

MAT 4625

1.534 MeV (n,n') Level  
Cross Section

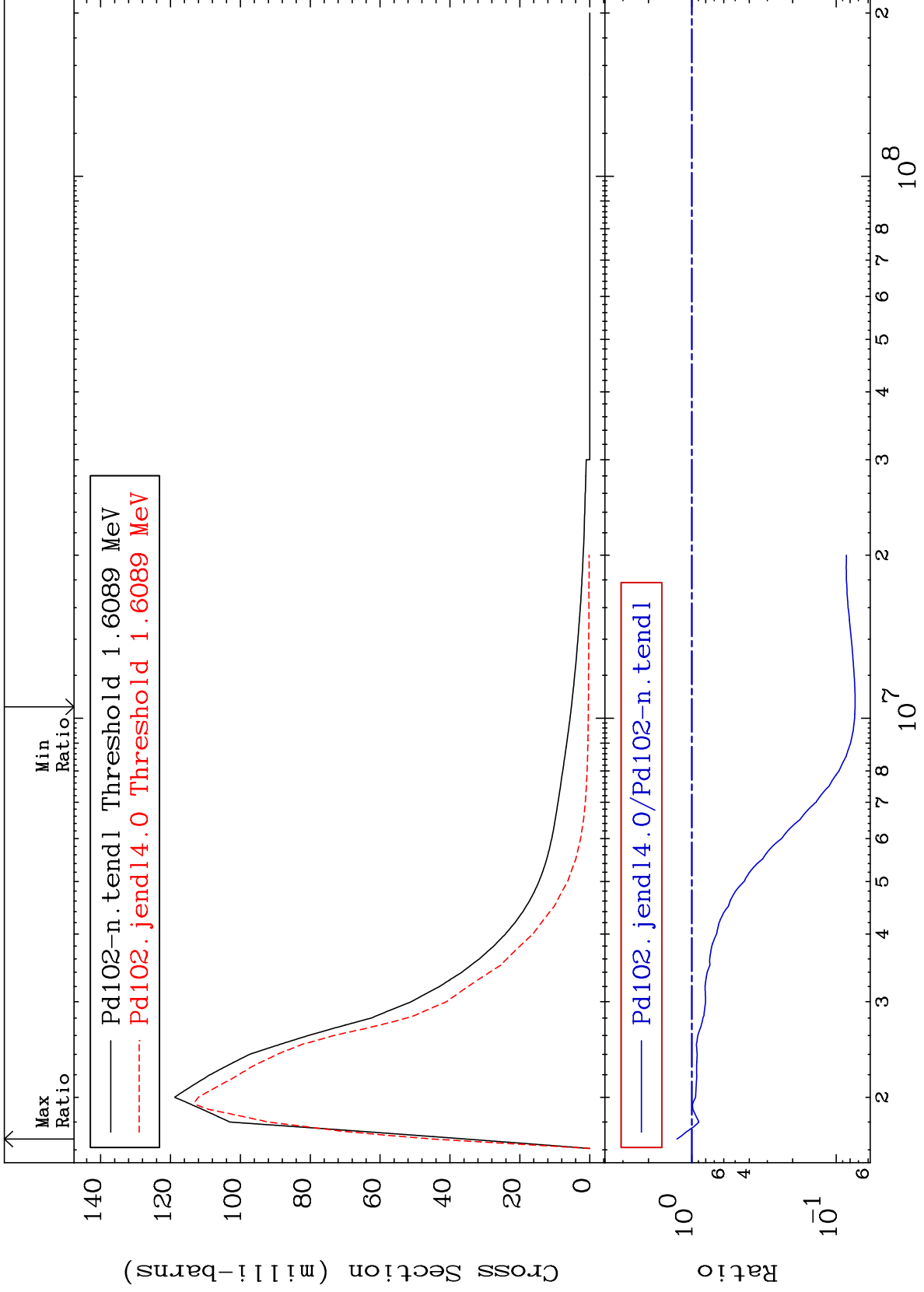
46-Pd-102  
-87.77 To 8.896 %



MAT 4625

1.593 MeV (n,n') Level  
Cross Section

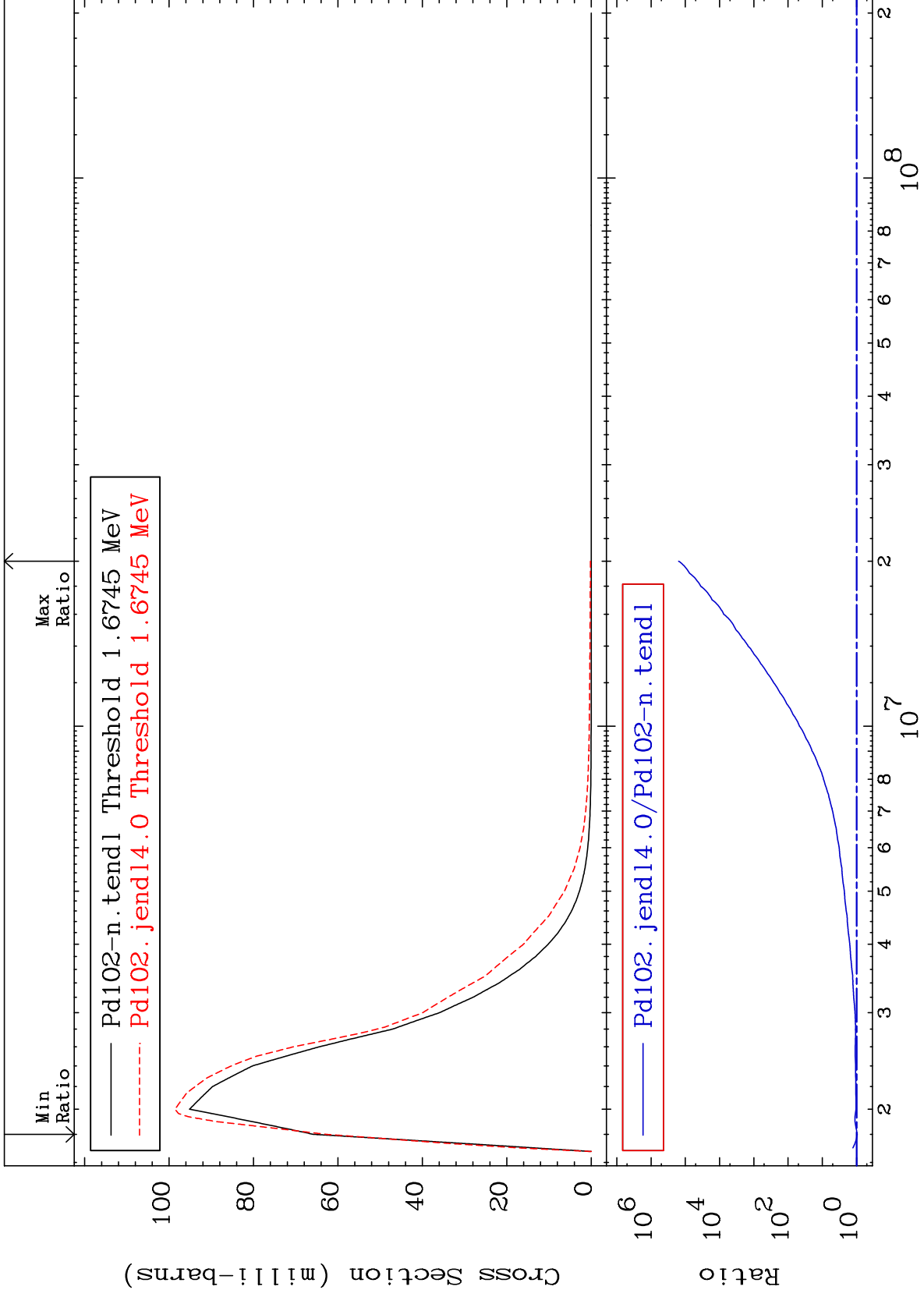
46-Pd-102  
-92.61 To 26.80 %



MAT 4625

1.658 MeV (n,n') Level  
Cross Section

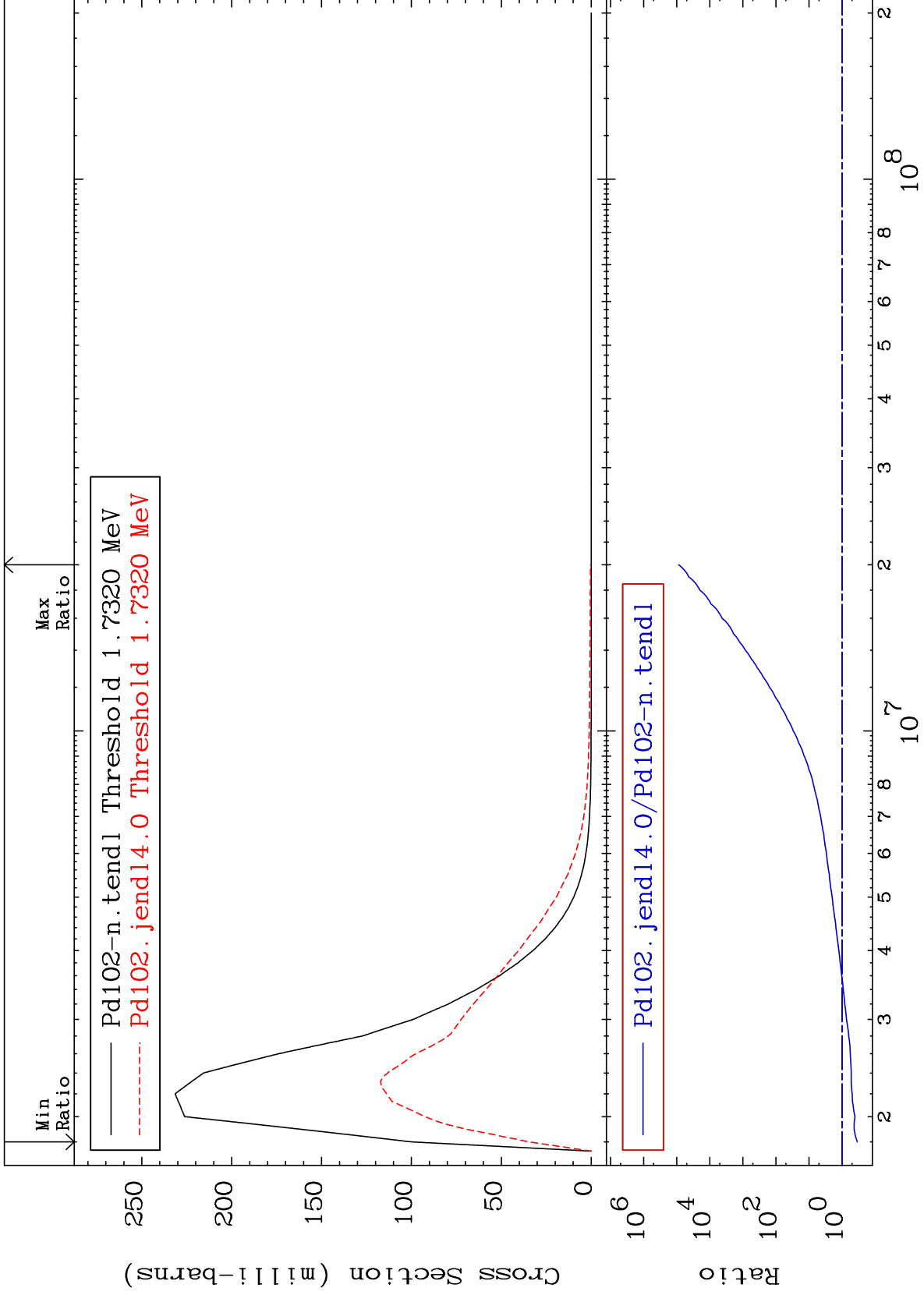
46-Pd-102  
-4.539 To 9999. %



MAT 4625

1.715 MeV (n,n') Level  
Cross Section

46-Pd-102  
-65.42 To 9999. %

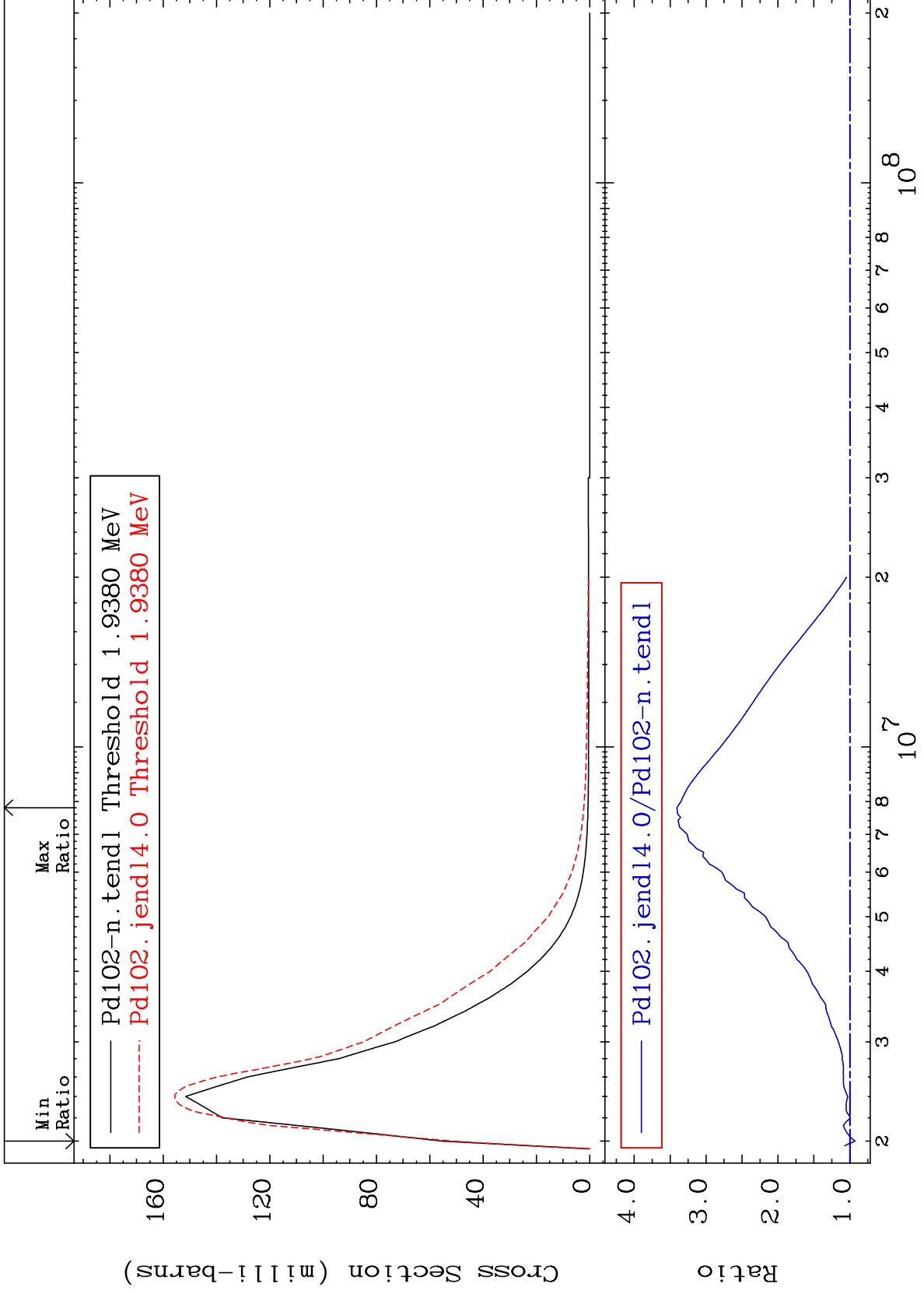




MAT 4625

1.919 MeV (n,n') Level  
Cross Section

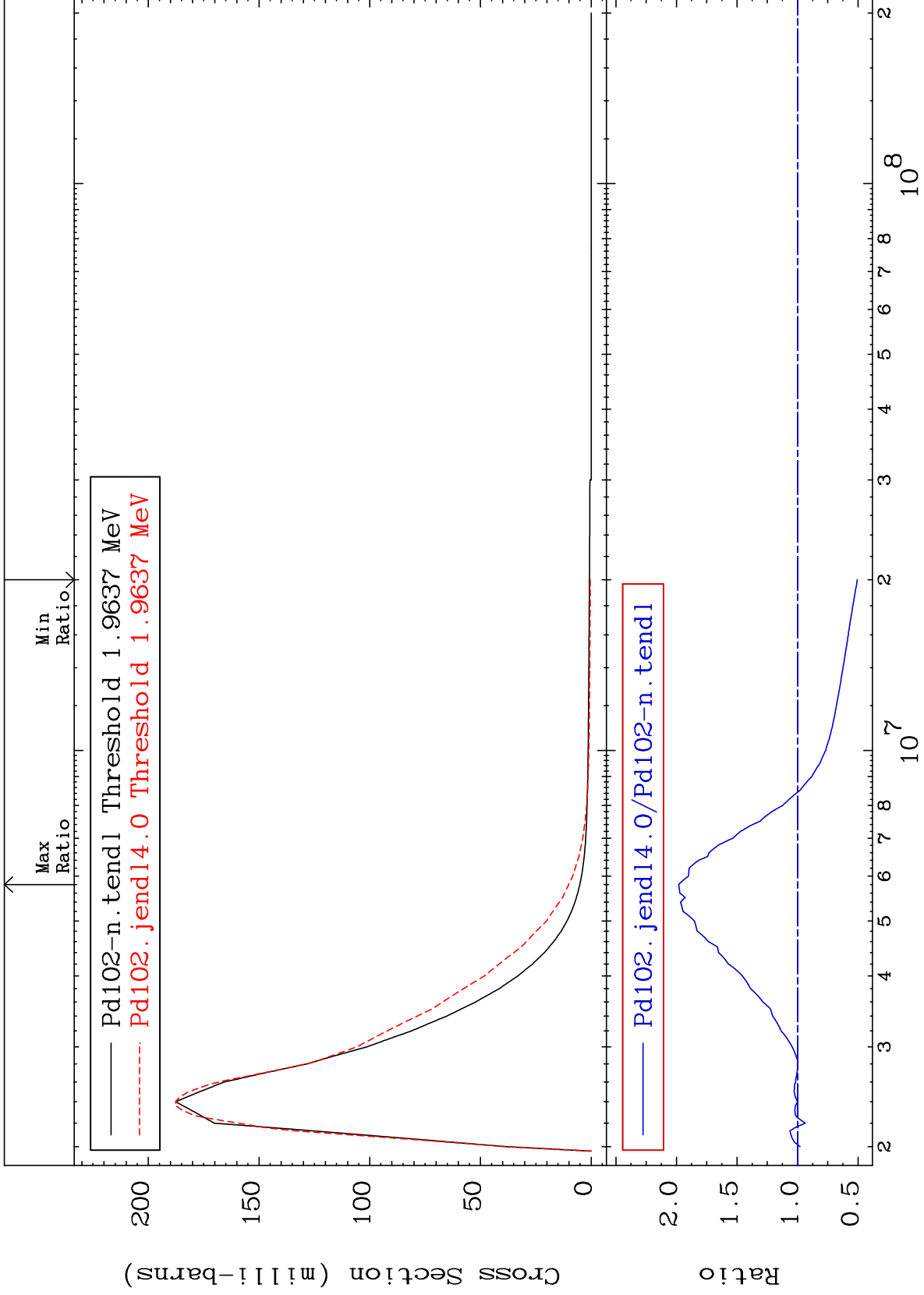
46-Pd-102  
-7.322 To 240.6 %



MAT 4625

1.944 MeV (n,n') Level  
Cross Section

46-Pd-102  
-49.35 To 98.20 %



18

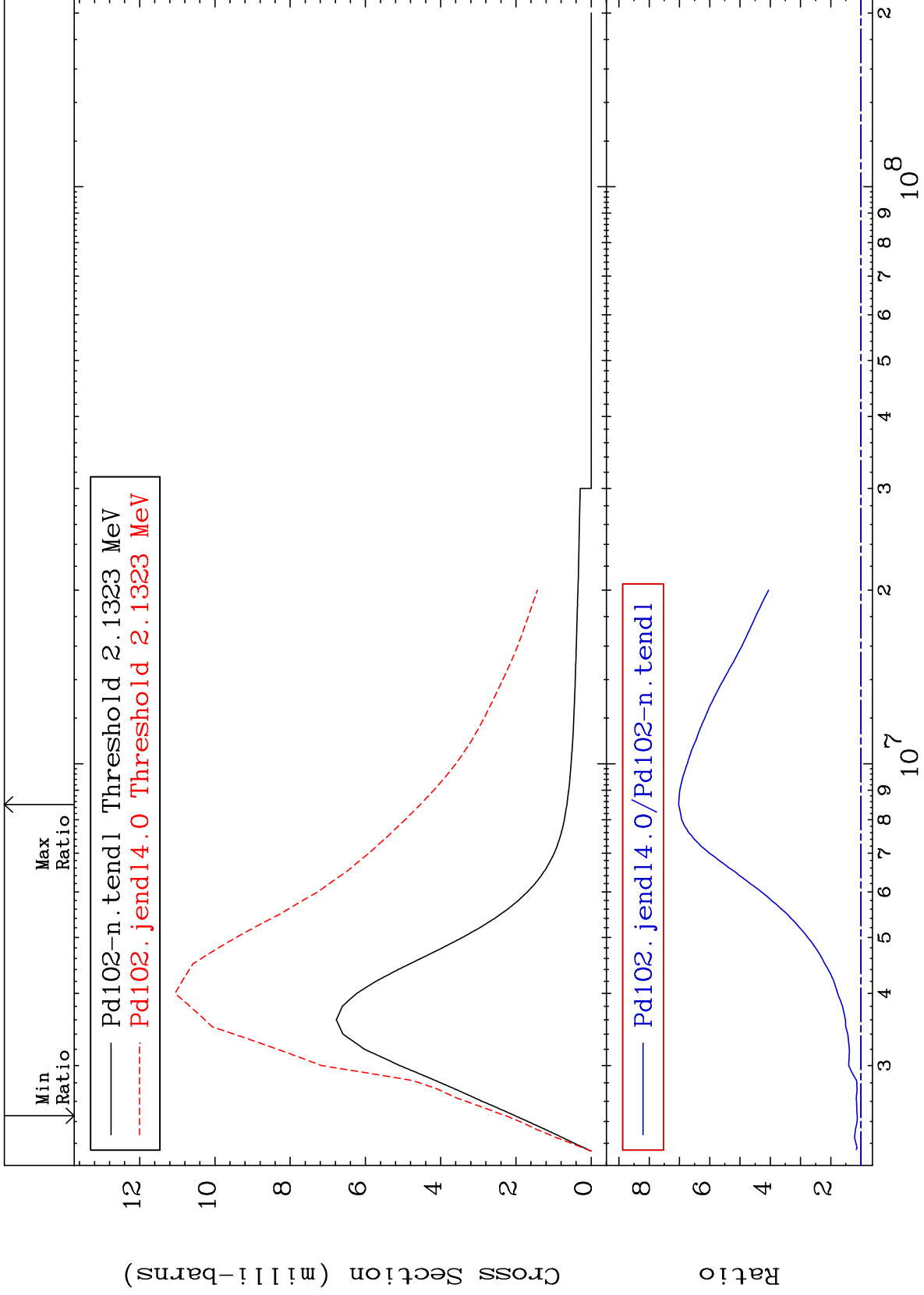
Incident Energy (eV)

46-Pd-102

MAT 4625

2.111 MeV (n,n') Level  
Cross Section

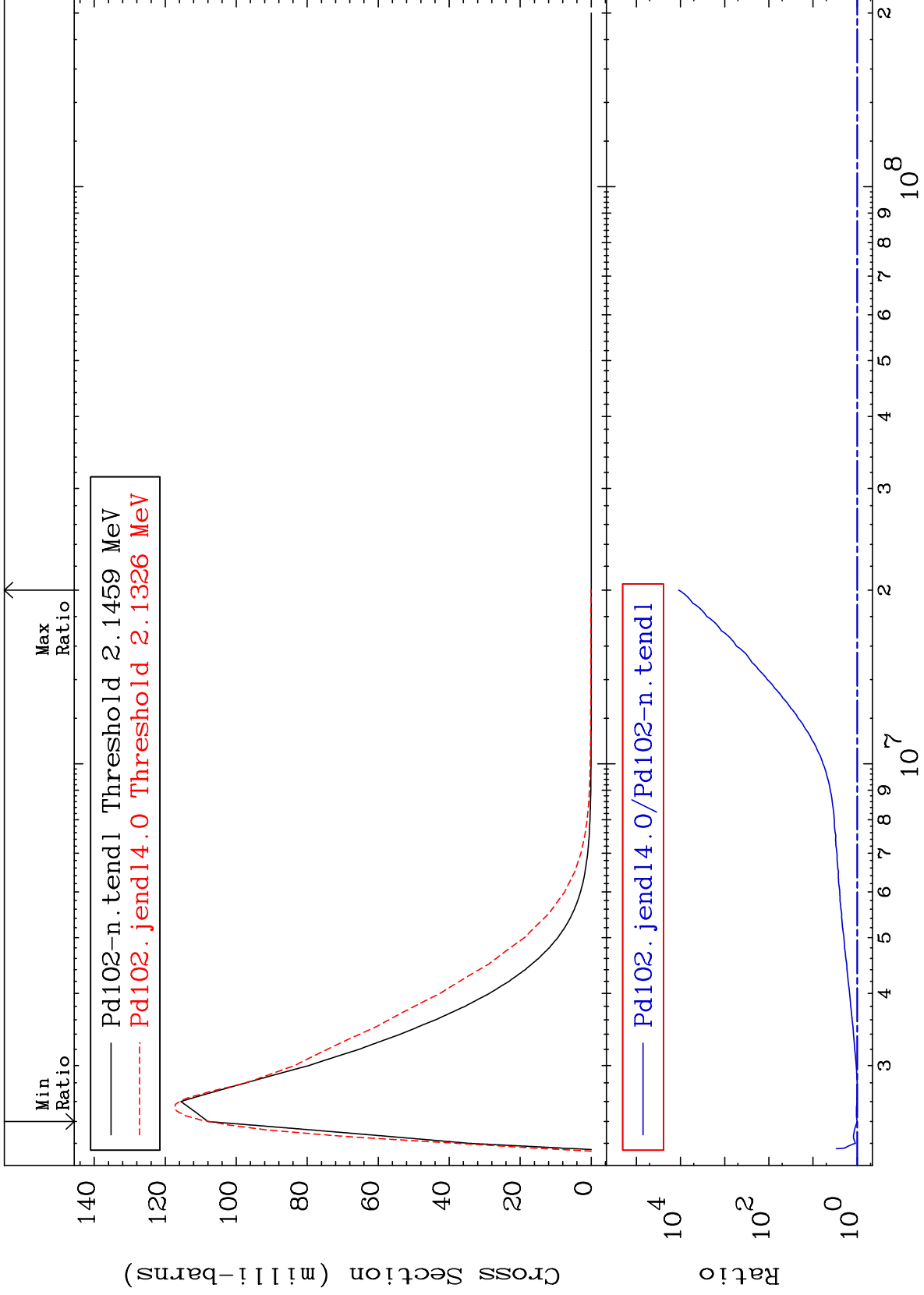
46-Pd-102  
12.50 To 602.7 %



MAT 4625

2.125 MeV (n,n') Level  
Cross Section

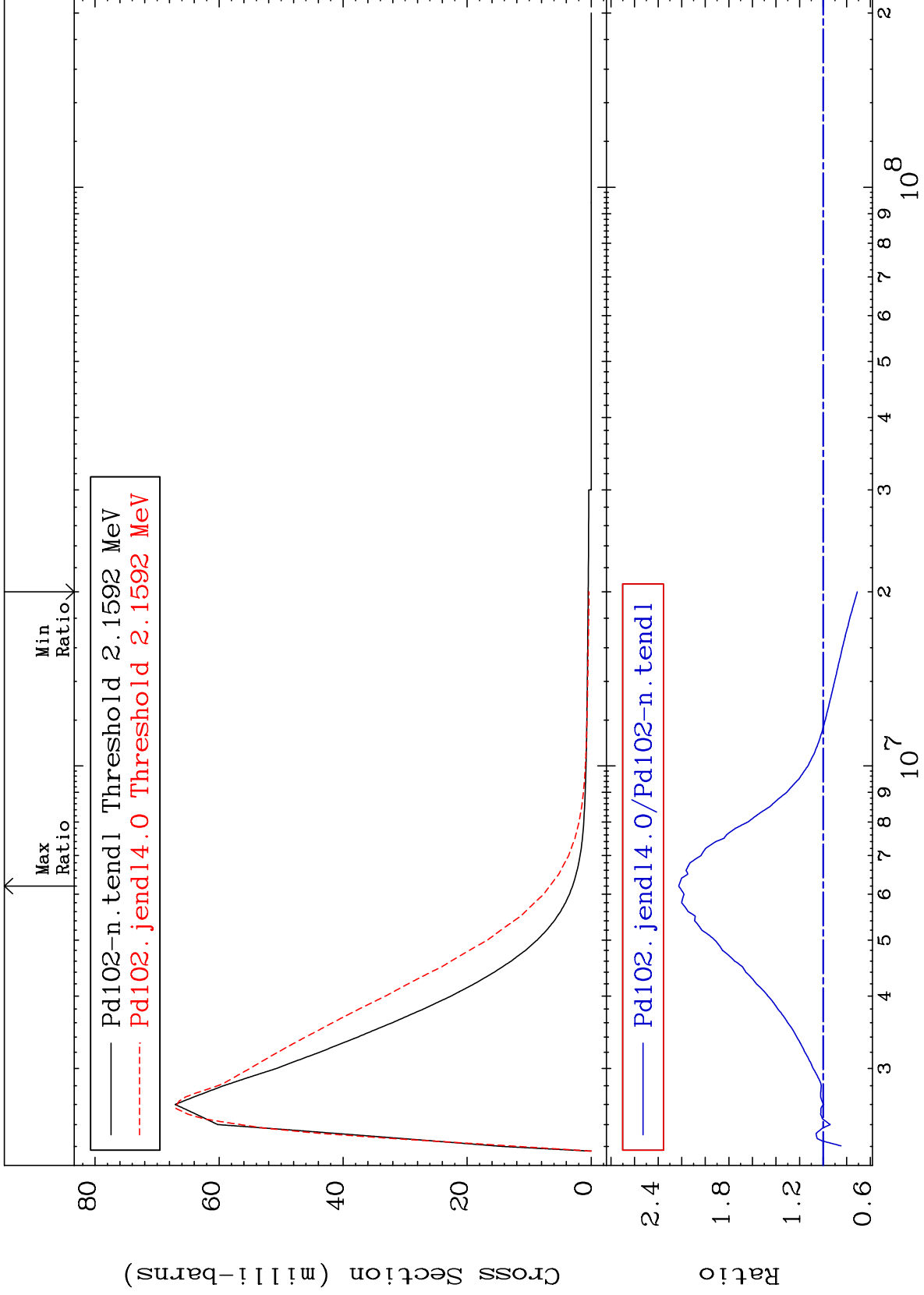
46-Pd-102  
-0.371 To 9999. %



MAT 4625

2.138 MeV (n,n') Level  
Cross Section

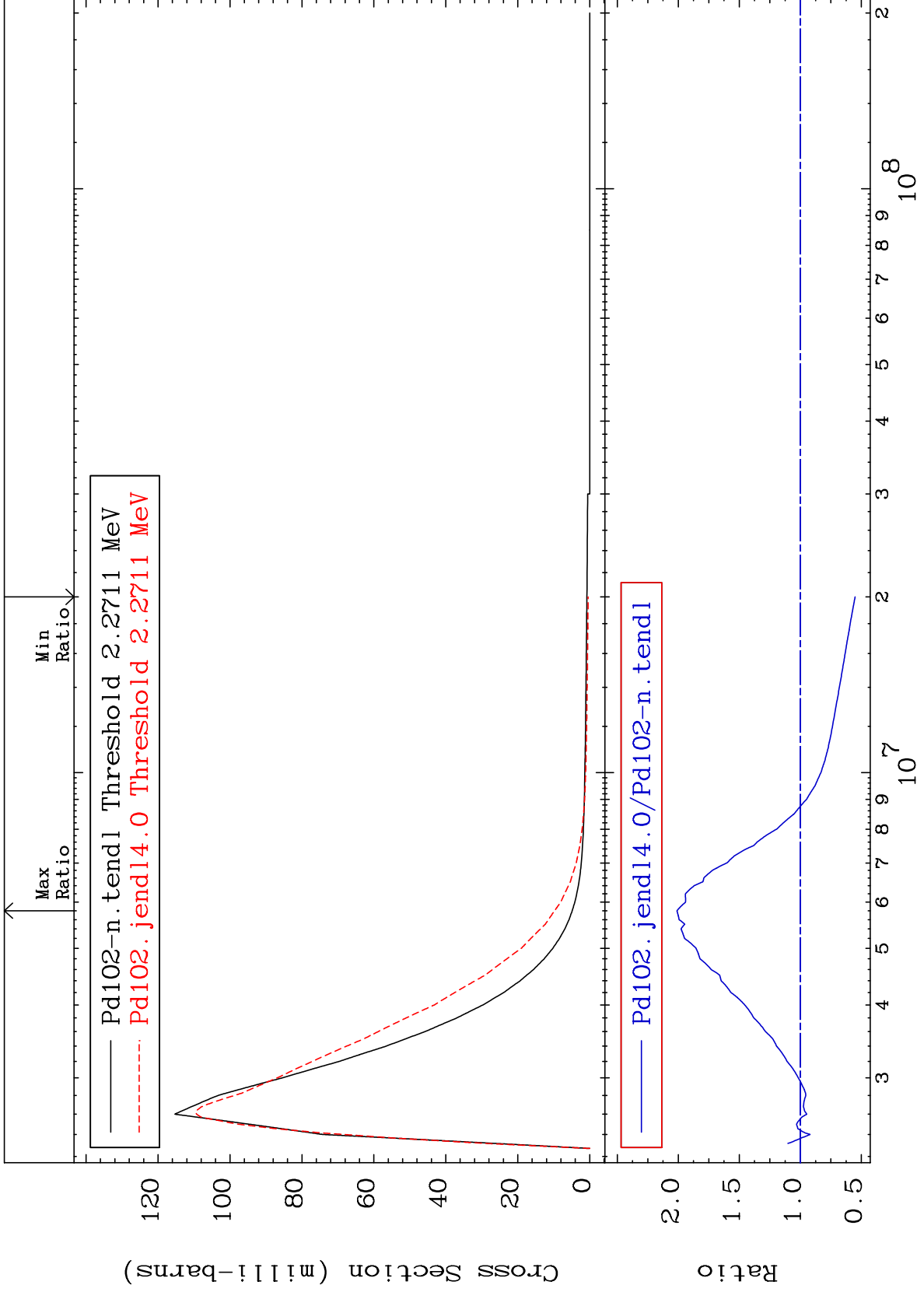
46-Pd-102  
-28.97 To 122.6 %



MAT 4625

2.249 MeV (n,n') Level  
Cross Section

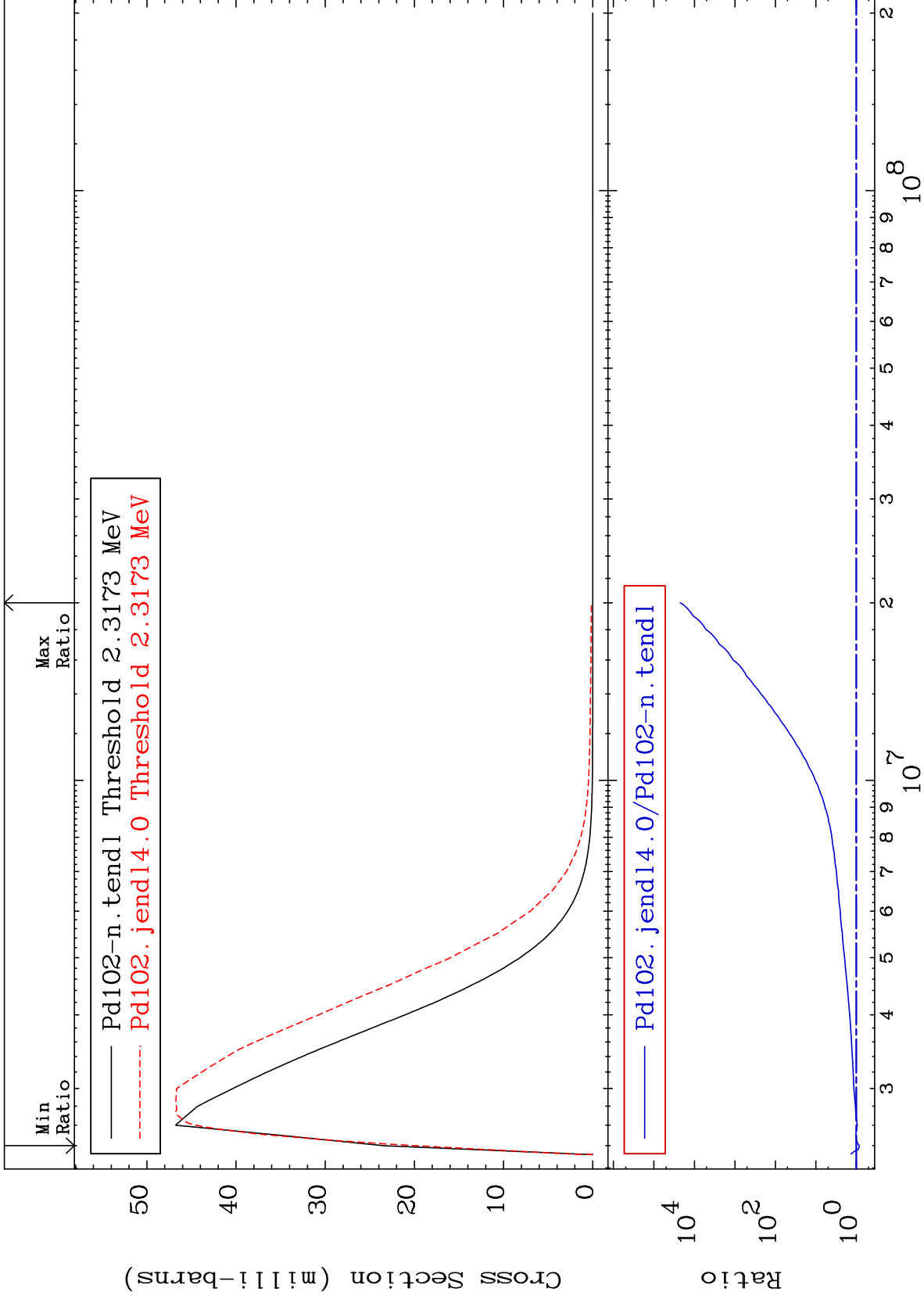
46-Pd-102  
-44.88 To 101.1 %



MAT 4625

2.295 MeV (n,n') Level  
Cross Section

46-Pd-102  
-15.93 To 9999. %

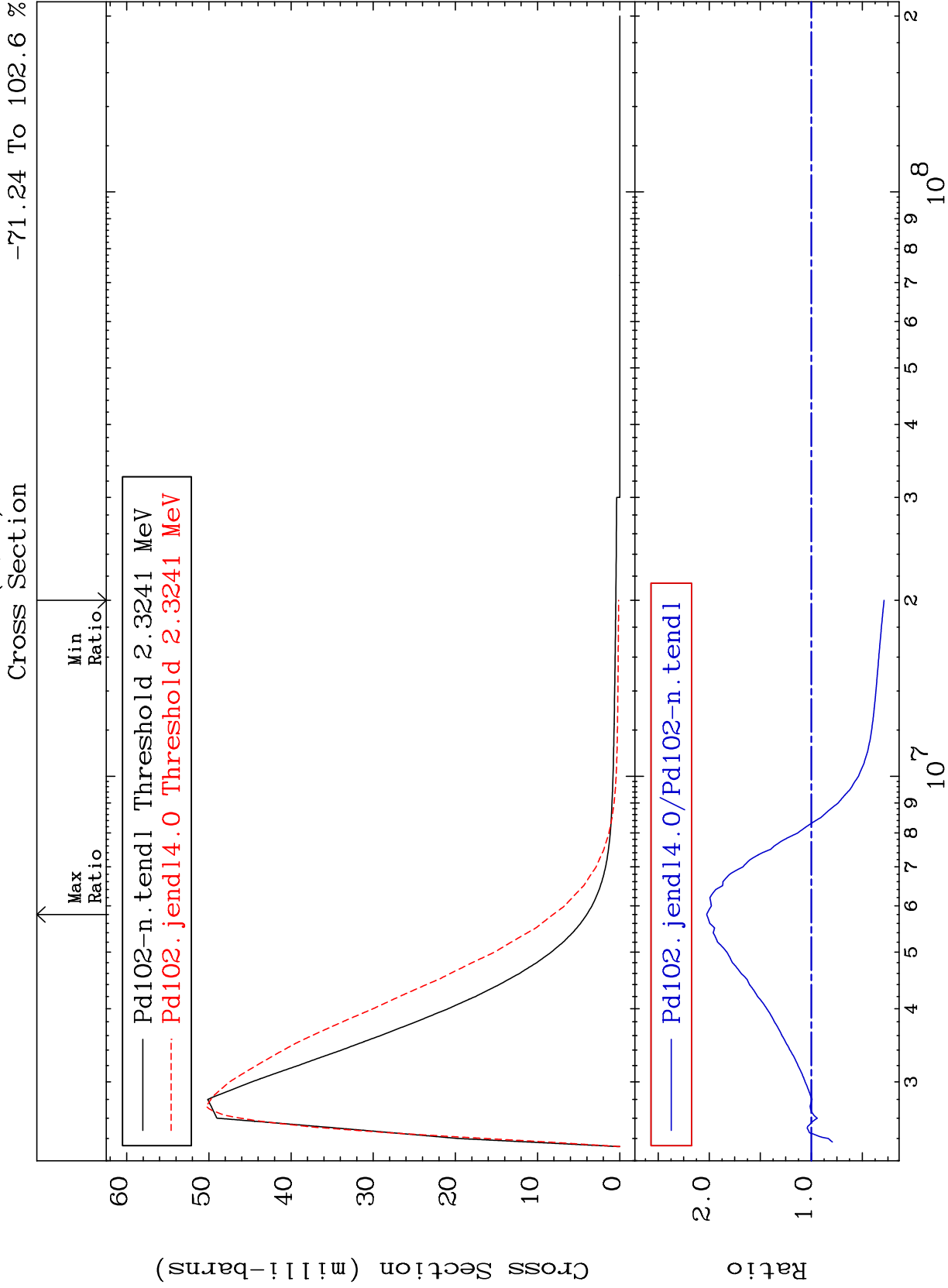


MAT 4625

2.301 MeV (n,n') Level

46-Pd-102

-71.24 To 102.6 %



24

Incident Energy (eV)

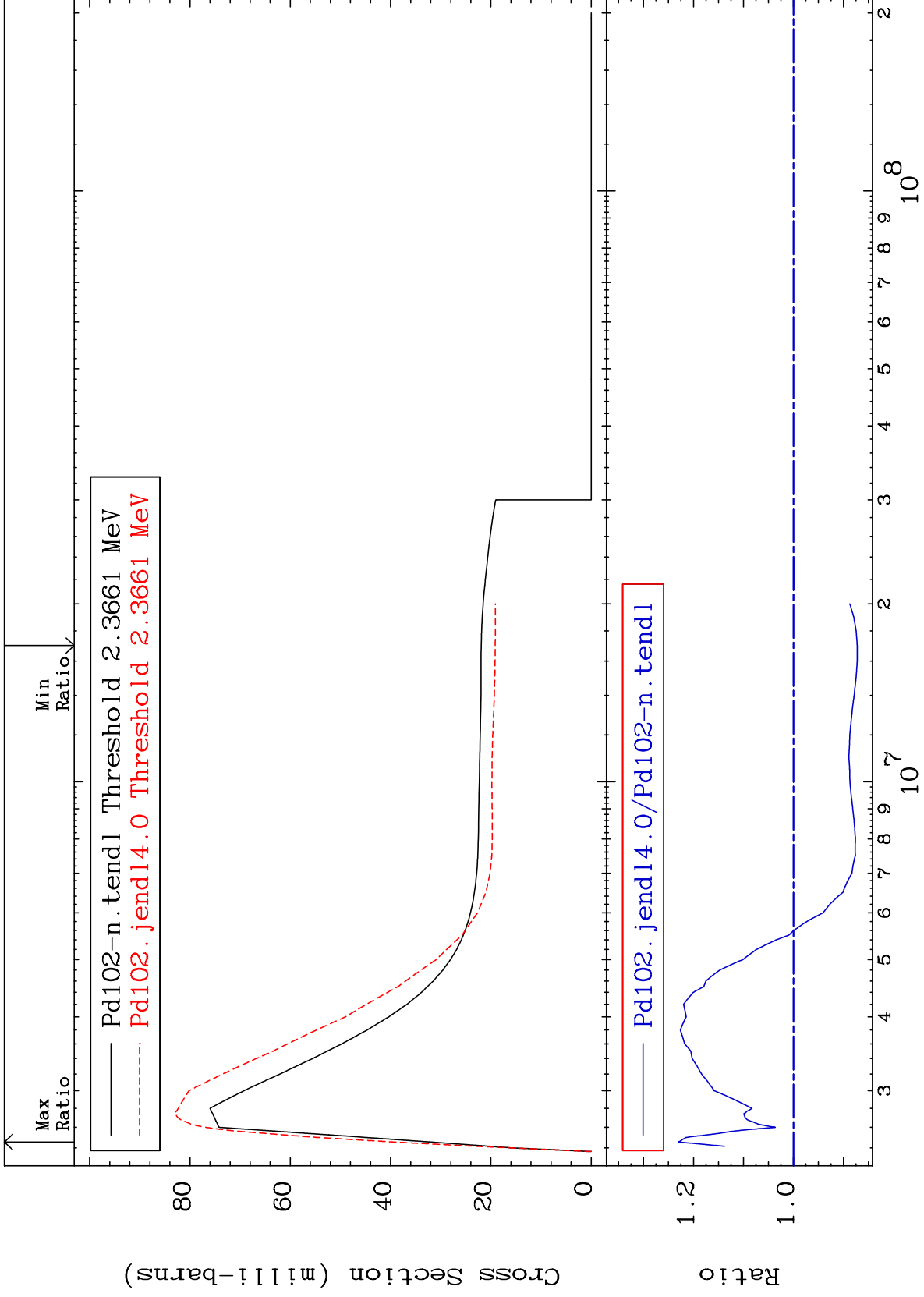
46-Pd-102



MAT 4625

2.343 MeV (n,n') Level  
Cross Section

46-Pd-102  
-12.76 To 22.97 %



25

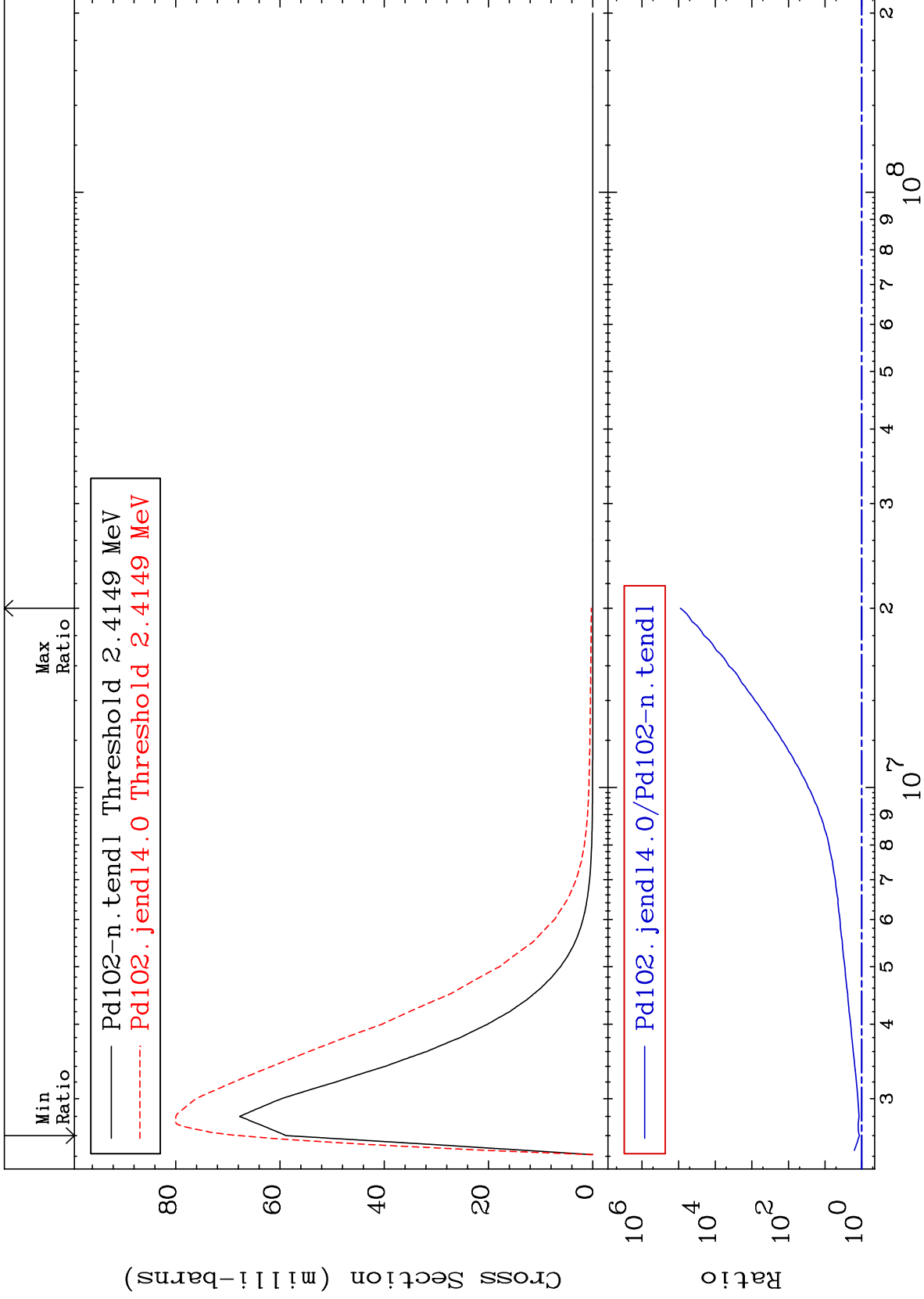
Incident Energy (eV)

46-Pd-102

MAT 4625

2.391 MeV (n,n') Level  
Cross Section

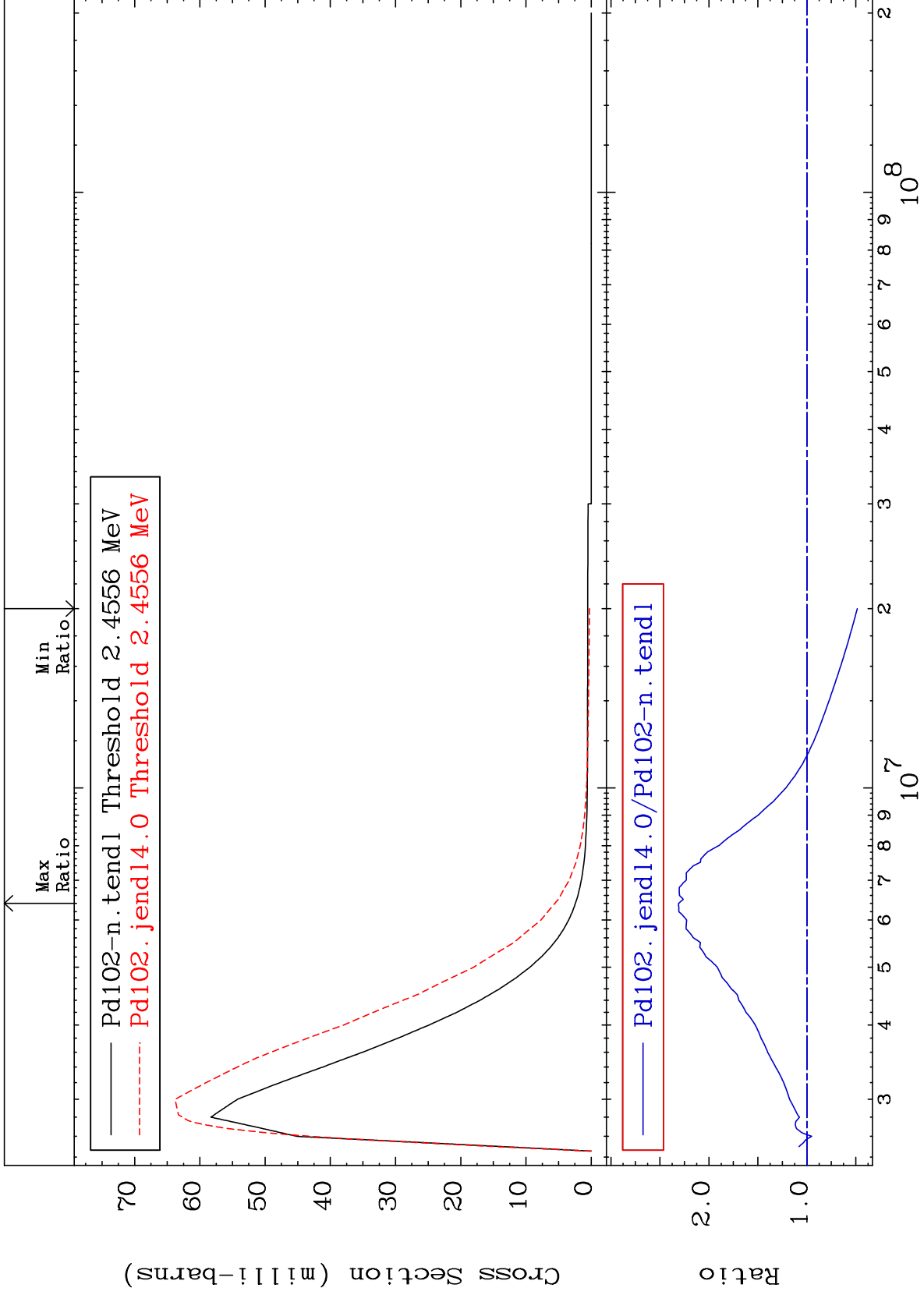
46-Pd-102  
15.33 To 9999. %



MAT 4625

2.432 MeV (n,n') Level  
Cross Section

46-Pd-102  
-51.44 To 130.9 %

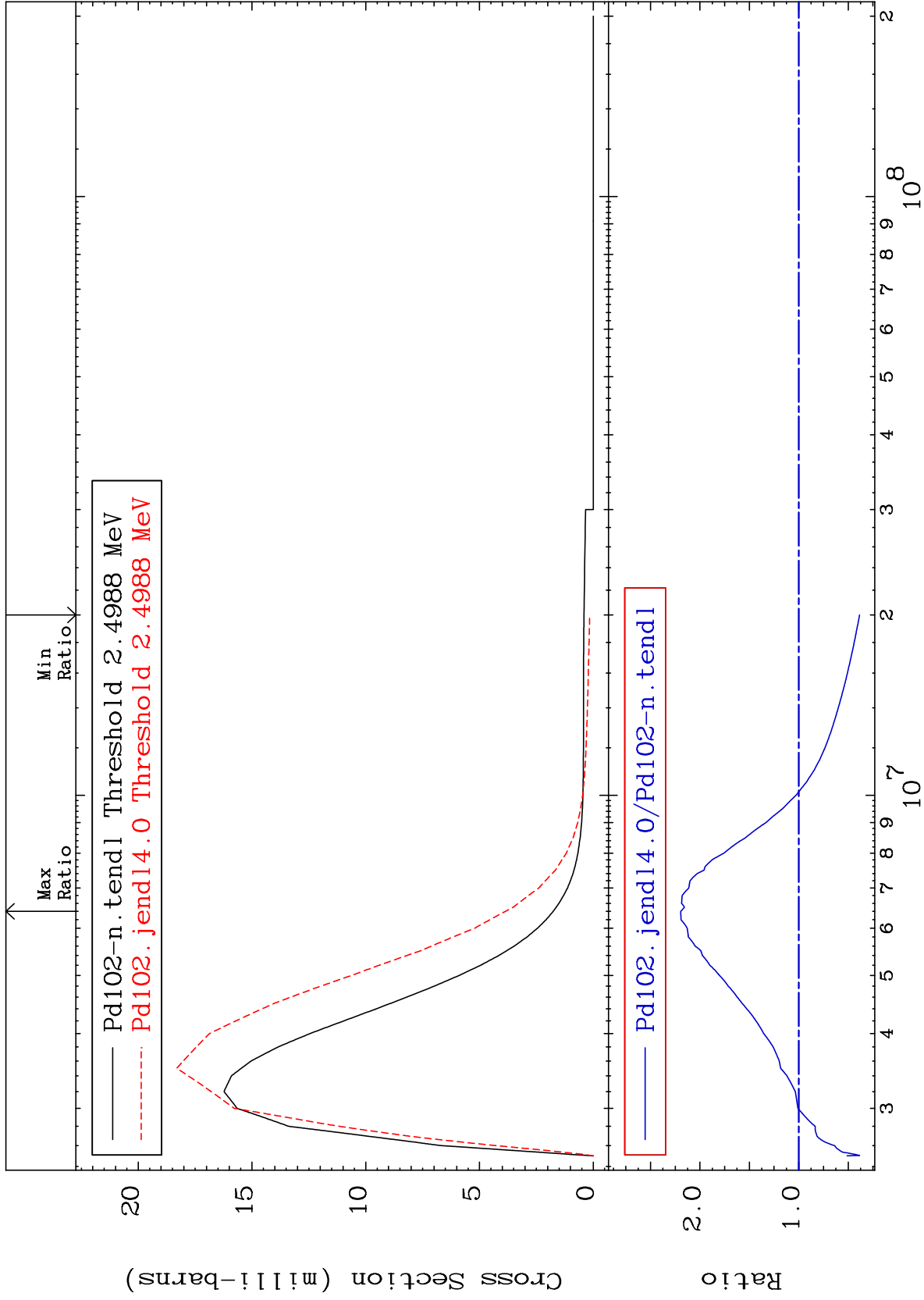


MAT 4625

2.474 MeV (n,n') Level

46-Pd-102

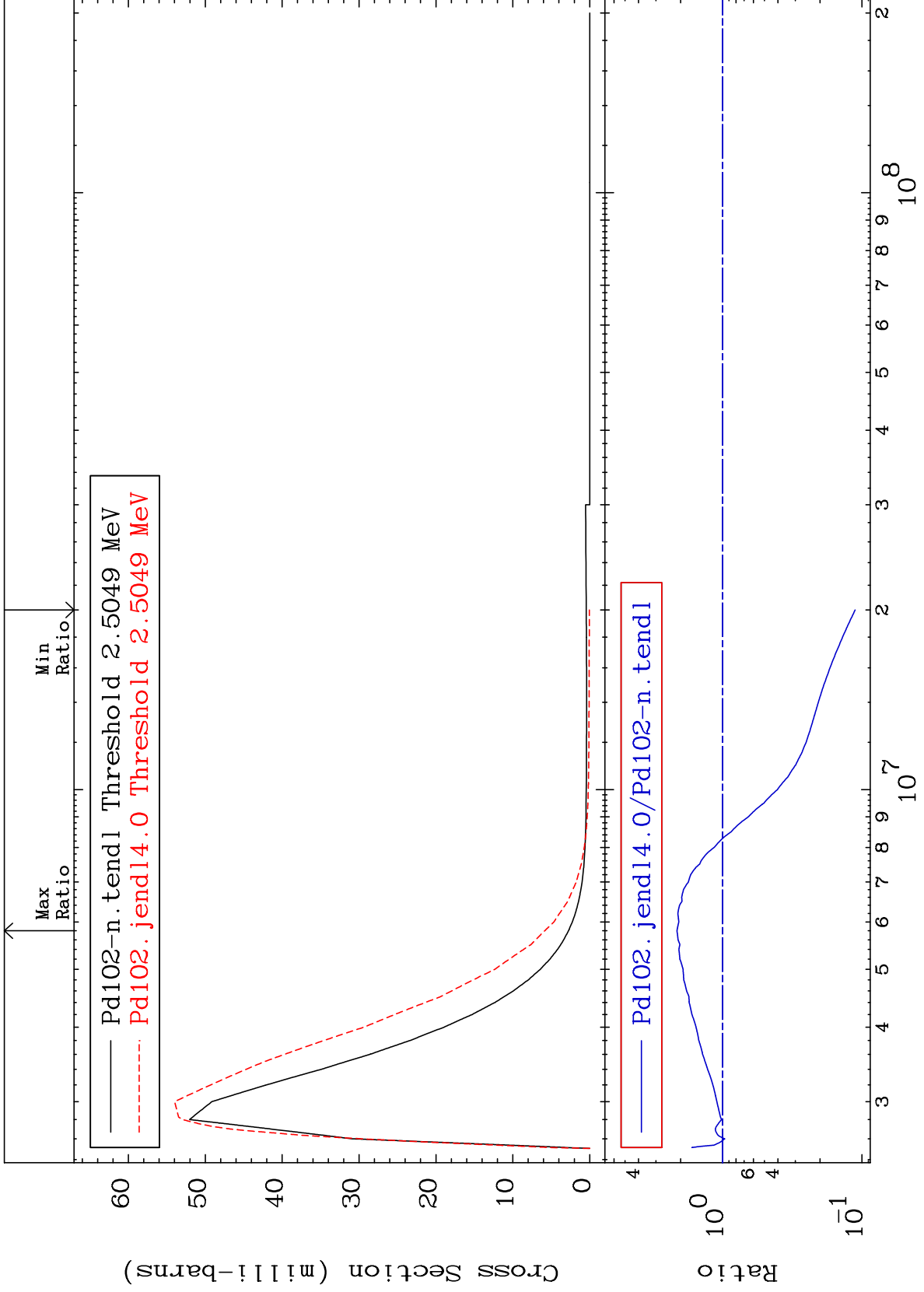
-61.47 To 119.4 %



MAT 4625

2.480 MeV (n,n') Level  
Cross Section

46-Pd-102  
-88.80 To 112.4 %

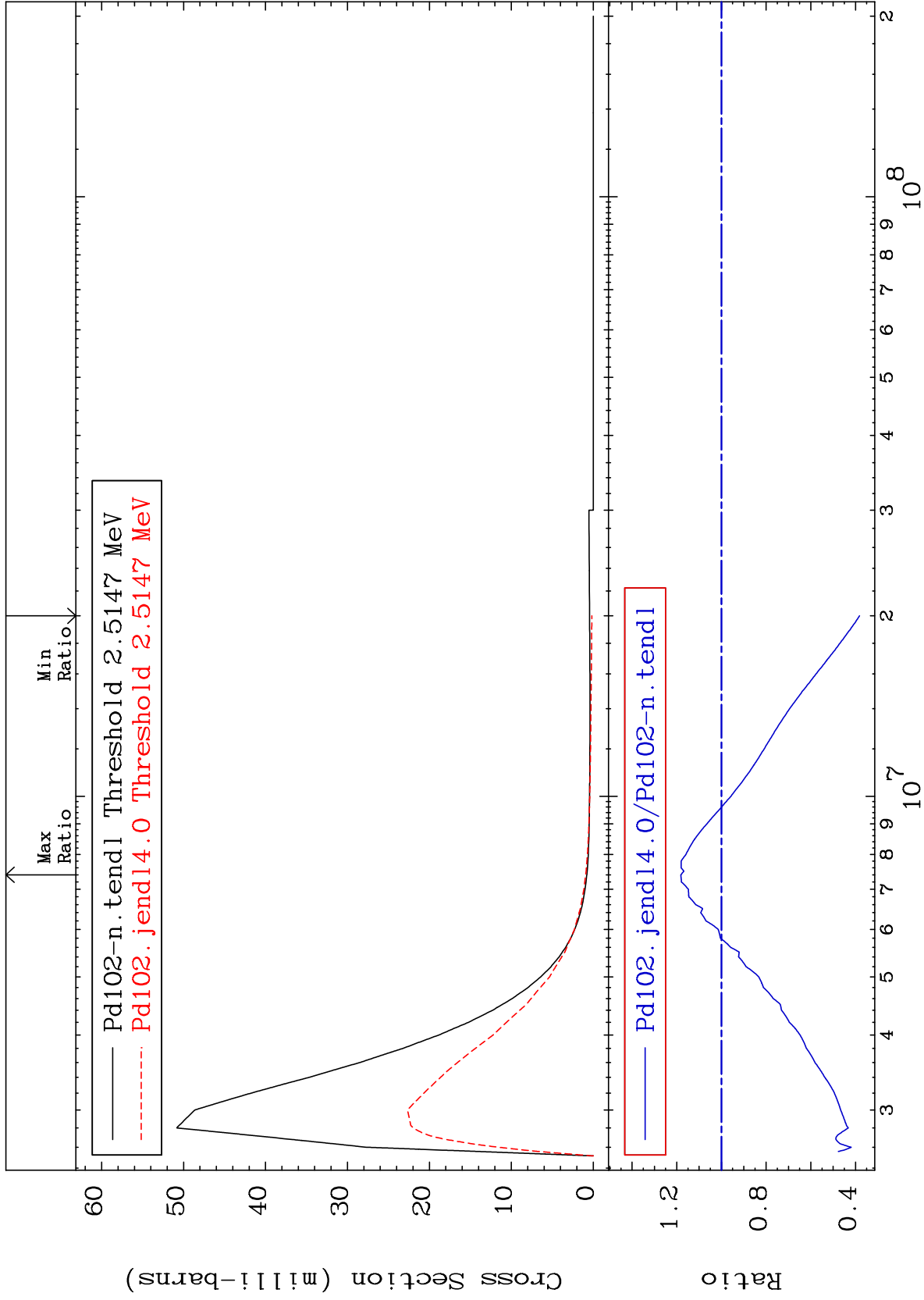


MAT 4625

2.490 MeV (n,n') Level

46-Pd-102

-61.80 To 18.20 %



30

Incident Energy (eV)

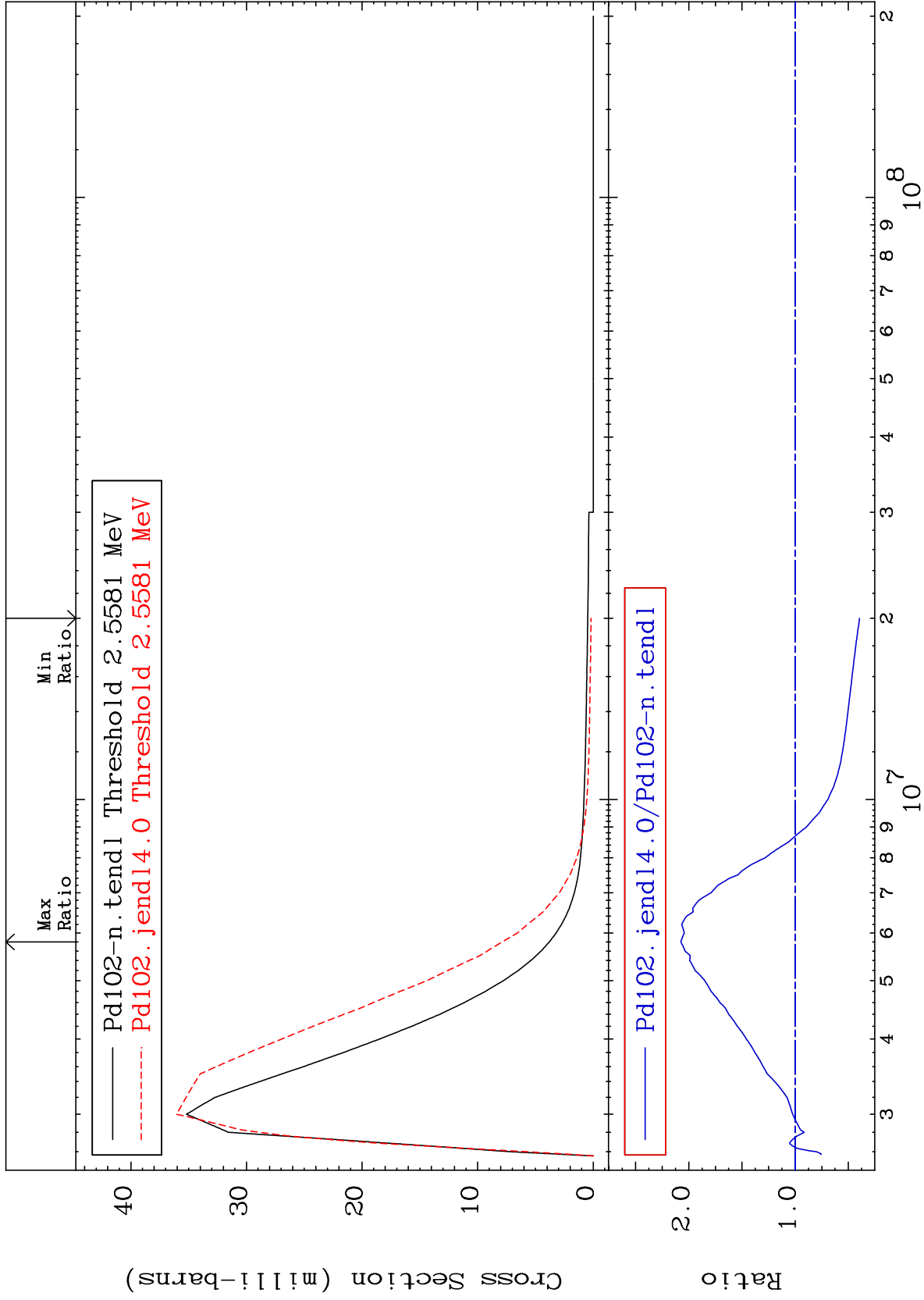
46-Pd-102

MAT 4625

2.533 MeV (n,n') Level

46-Pd-102

-60.51 To 107.5 %



31

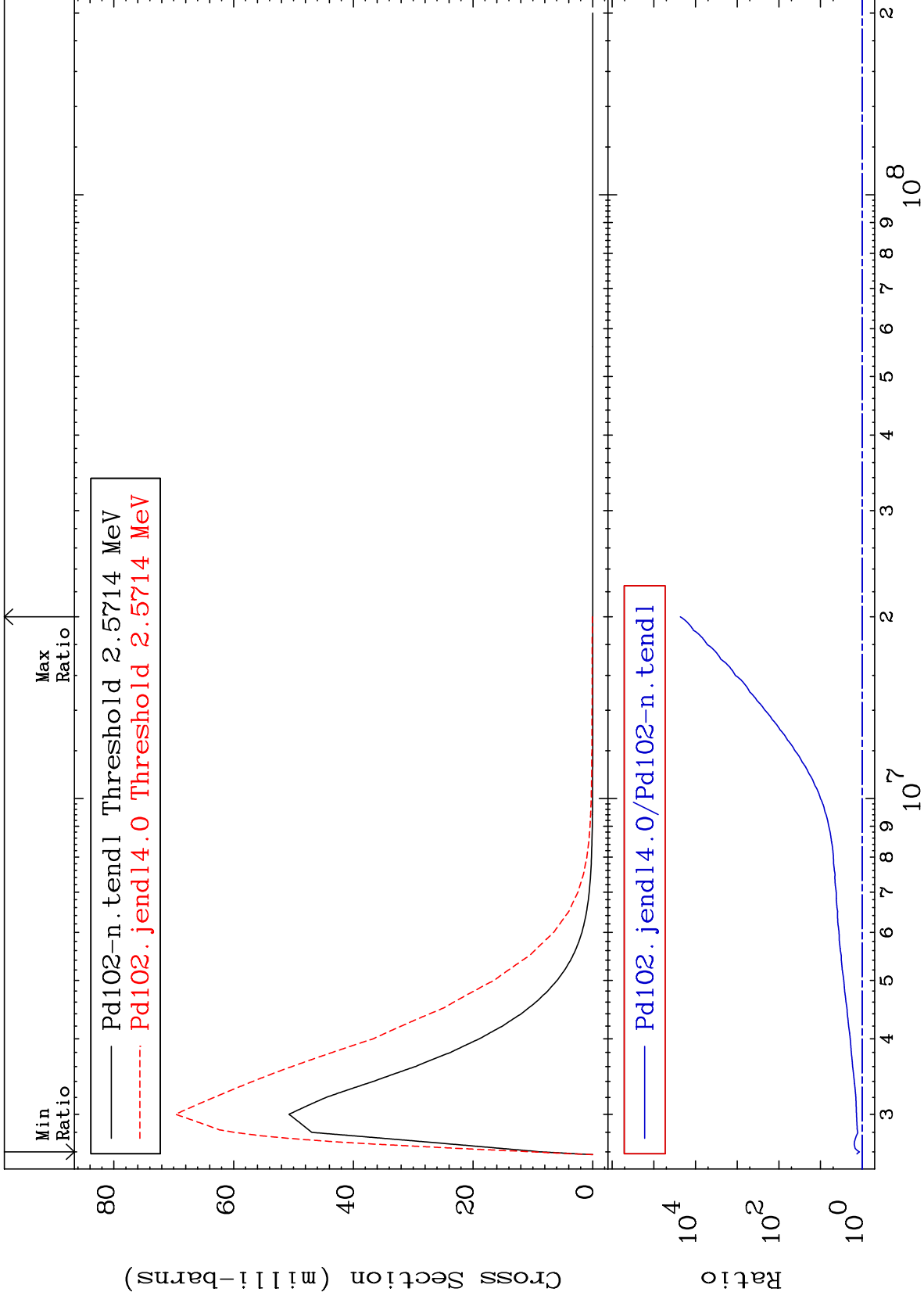
Incident Energy (eV)

46-Pd-102

MAT 4625

2.546 MeV (n,n') Level  
Cross Section

46-Pd-102  
To 9999. %  
16.50

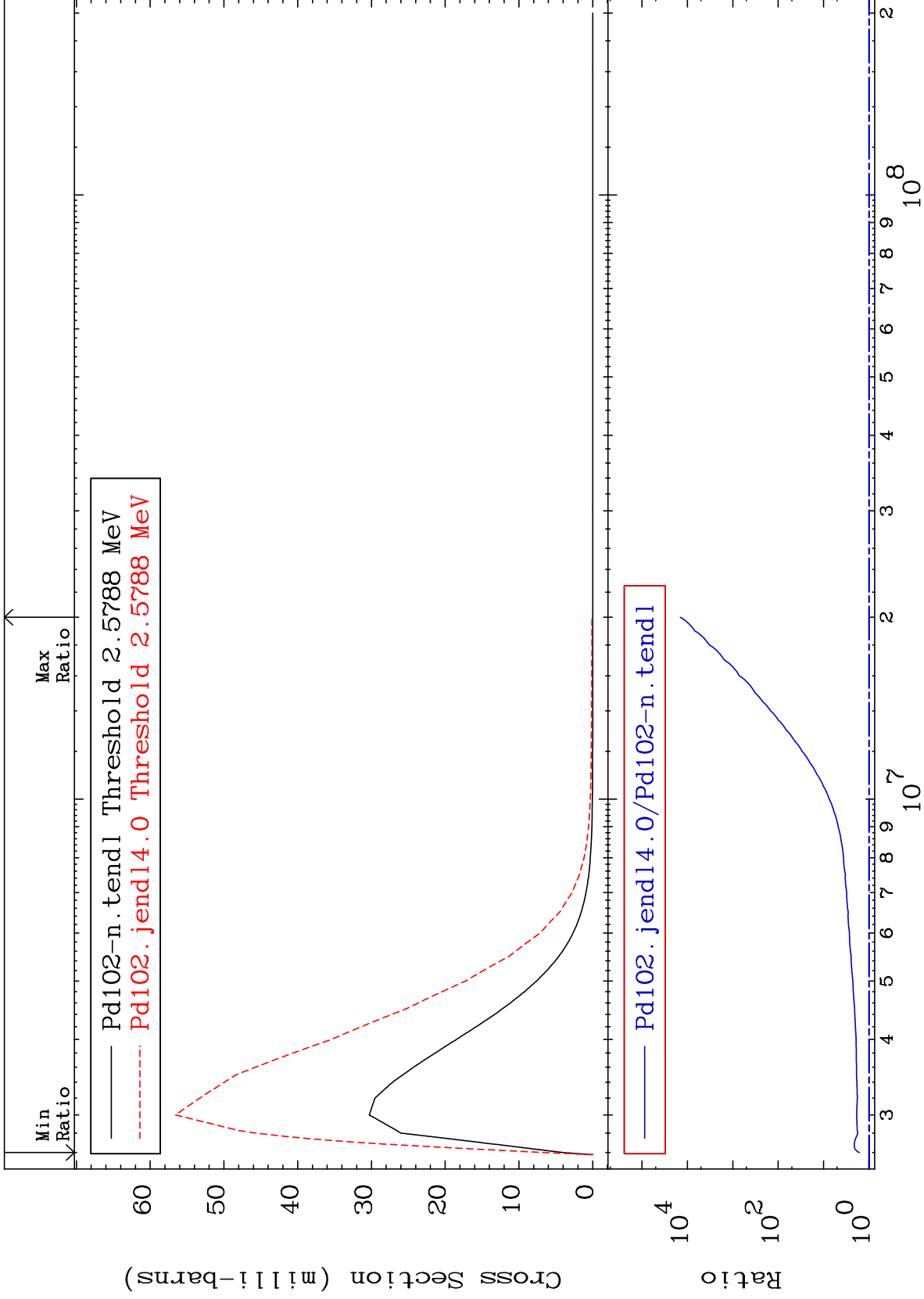




MAT 4625

2.554 MeV (n,n') Level  
Cross Section

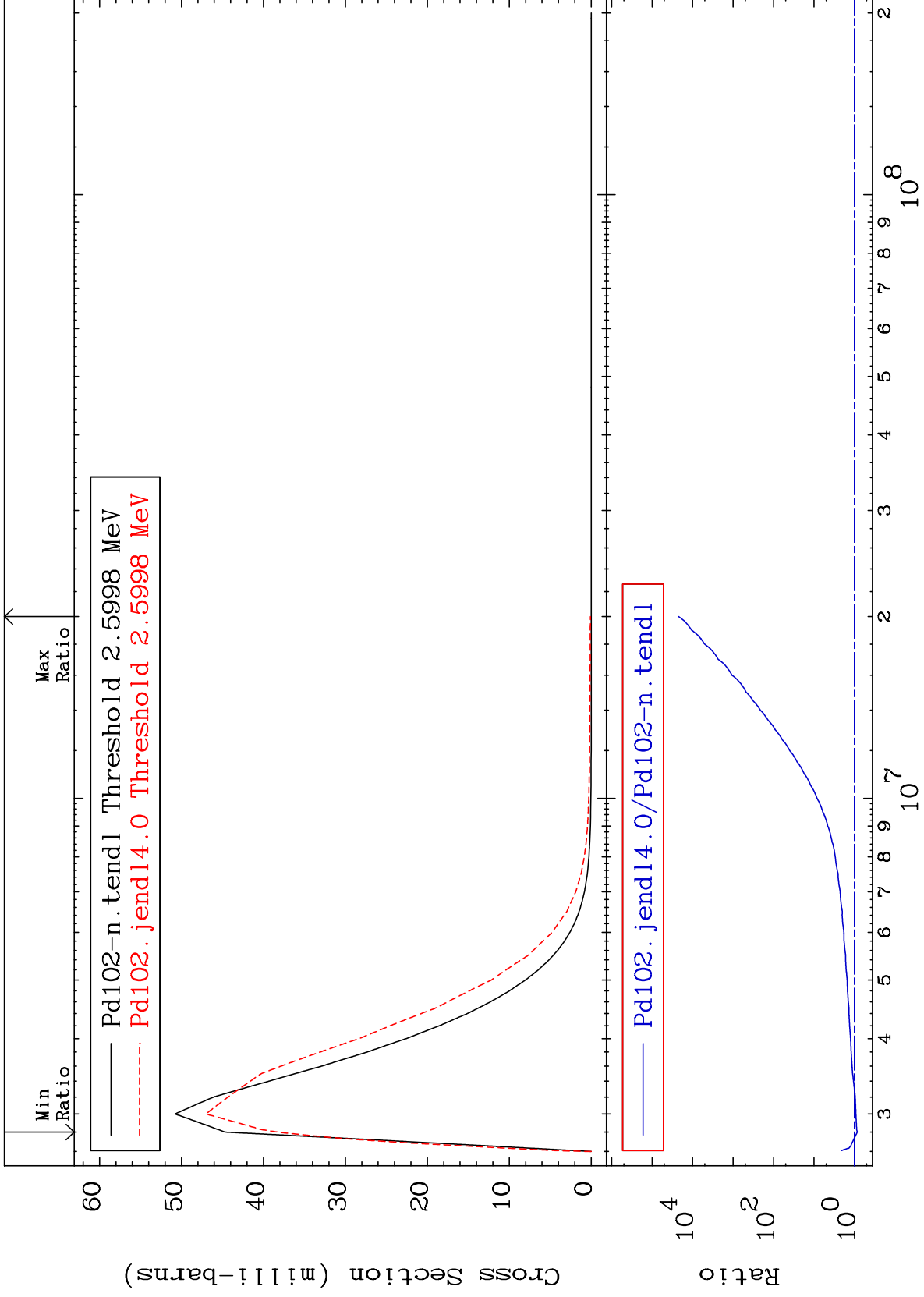
61.94 To 9999. %  
46-Pd-102



MAT 4625

2.574 MeV (n,n') Level  
Cross Section

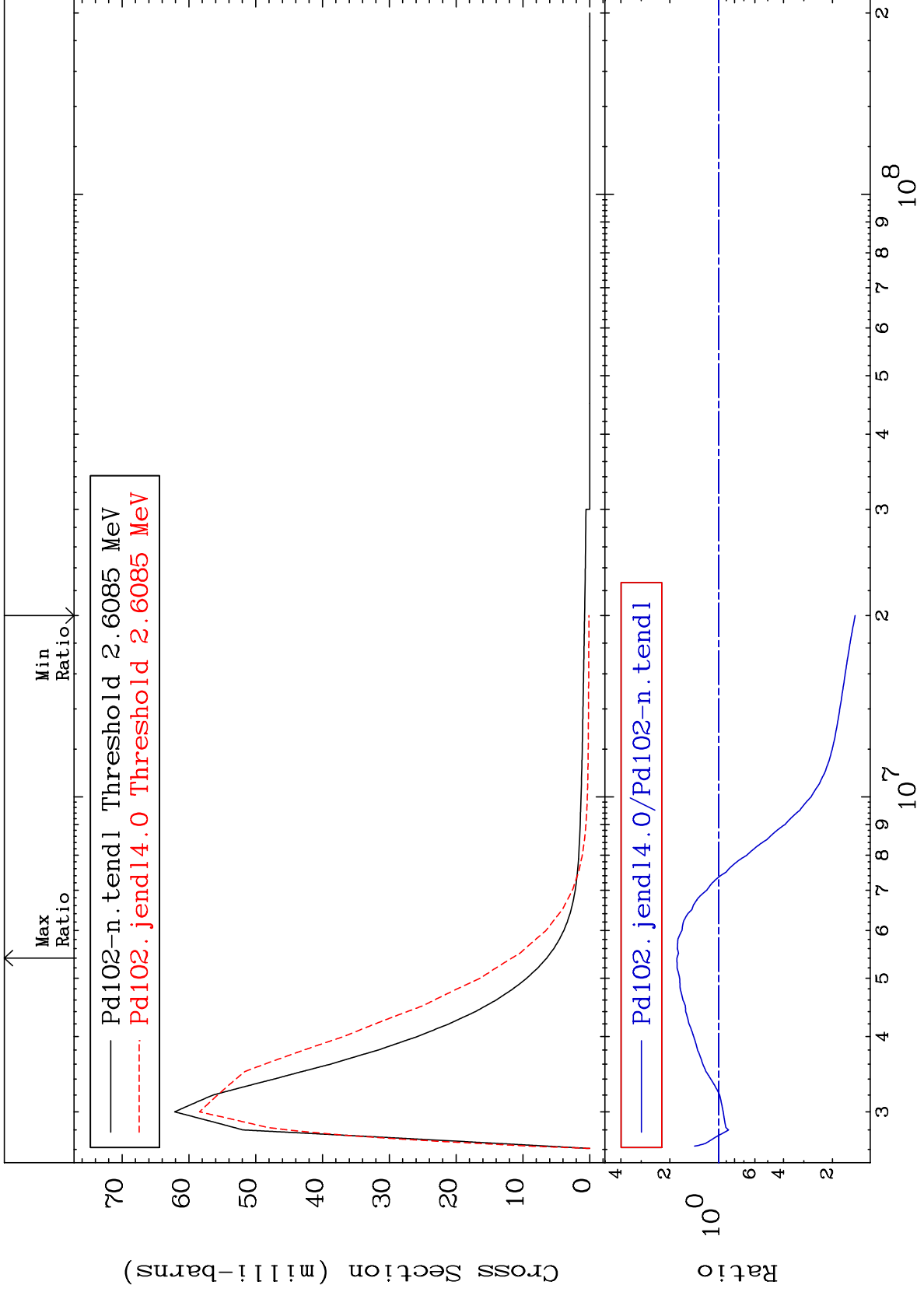
46-Pd-102  
-14.44 To 9999. %



MAT 4625

2.583 MeV (n,n') Level  
Cross Section

46-Pd-102  
-85.49 To 80.98 %



35

Incident Energy (eV)

46-Pd-102

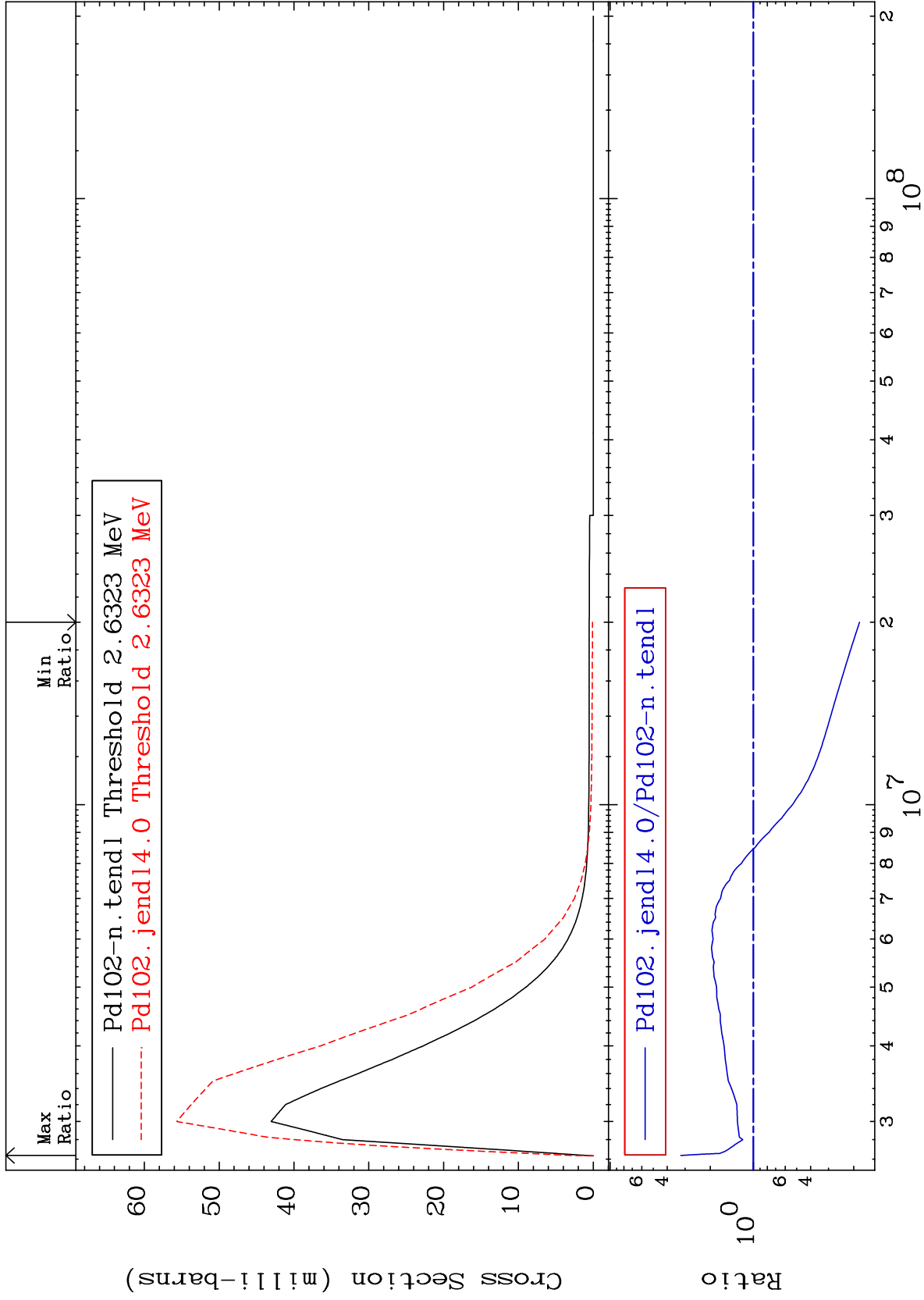
MAT 4625

2.607 MeV (n,n') Level

46-Pd-102

-81.80 To 221.3 %

Cross Section



36

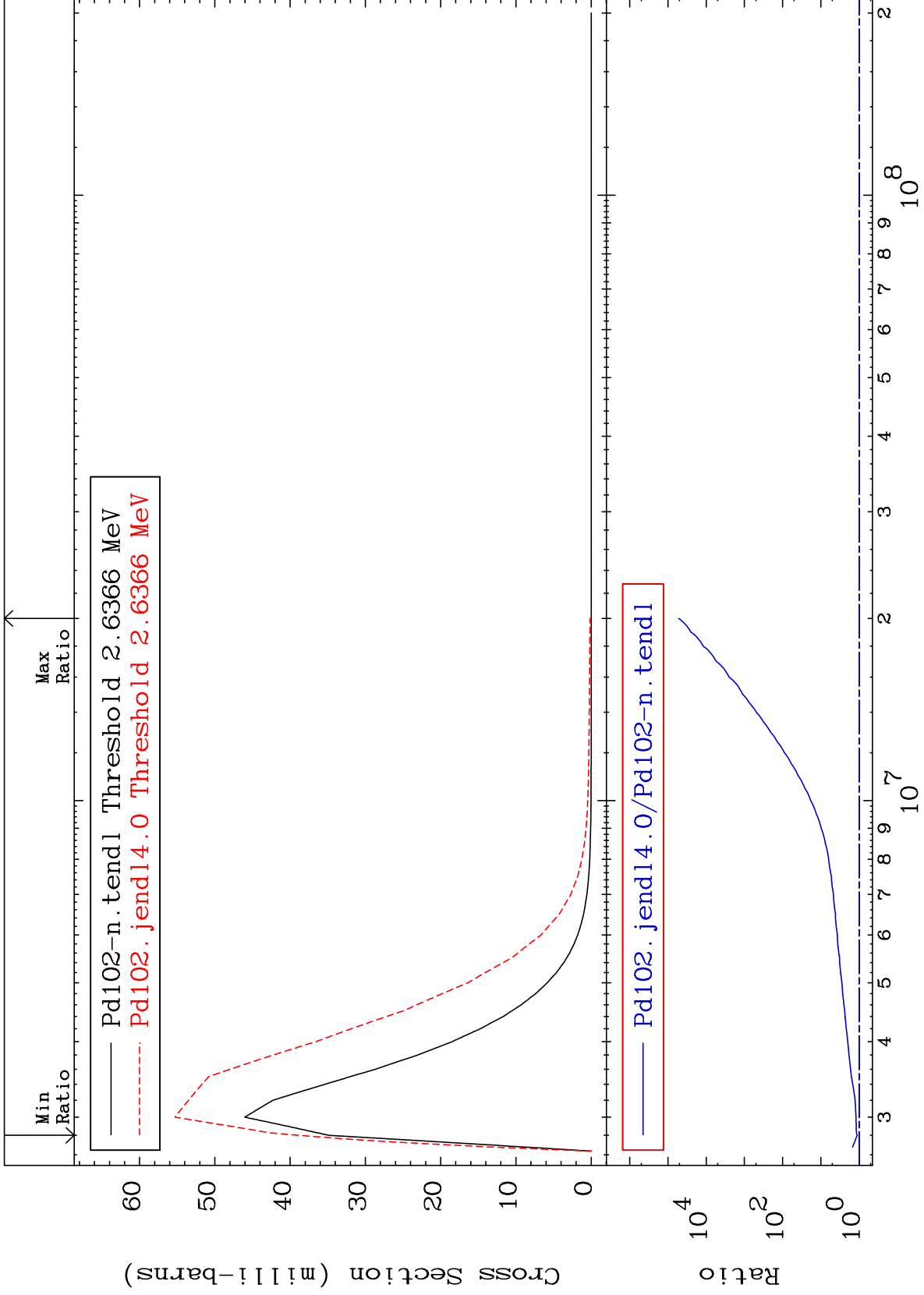
Incident Energy (eV)

46-Pd-102

MAT 4625

2.611 MeV (n,n') Level  
Cross Section

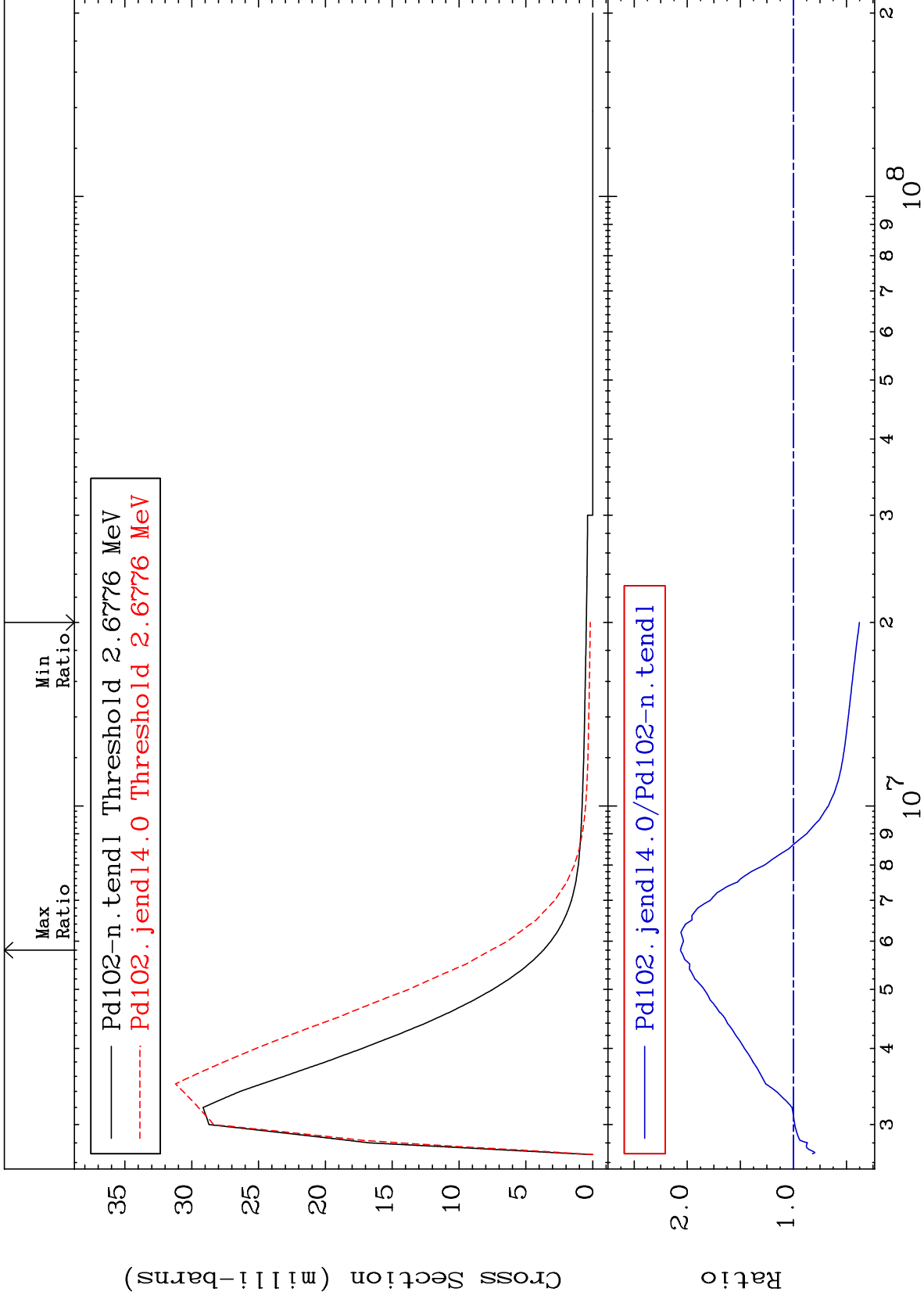
46-Pd-102  
11.36 To 9999. %



MAT 4625

2.651 MeV (n,n') Level  
Cross Section

46-Pd-102  
-62.23 To 106.5 %



38

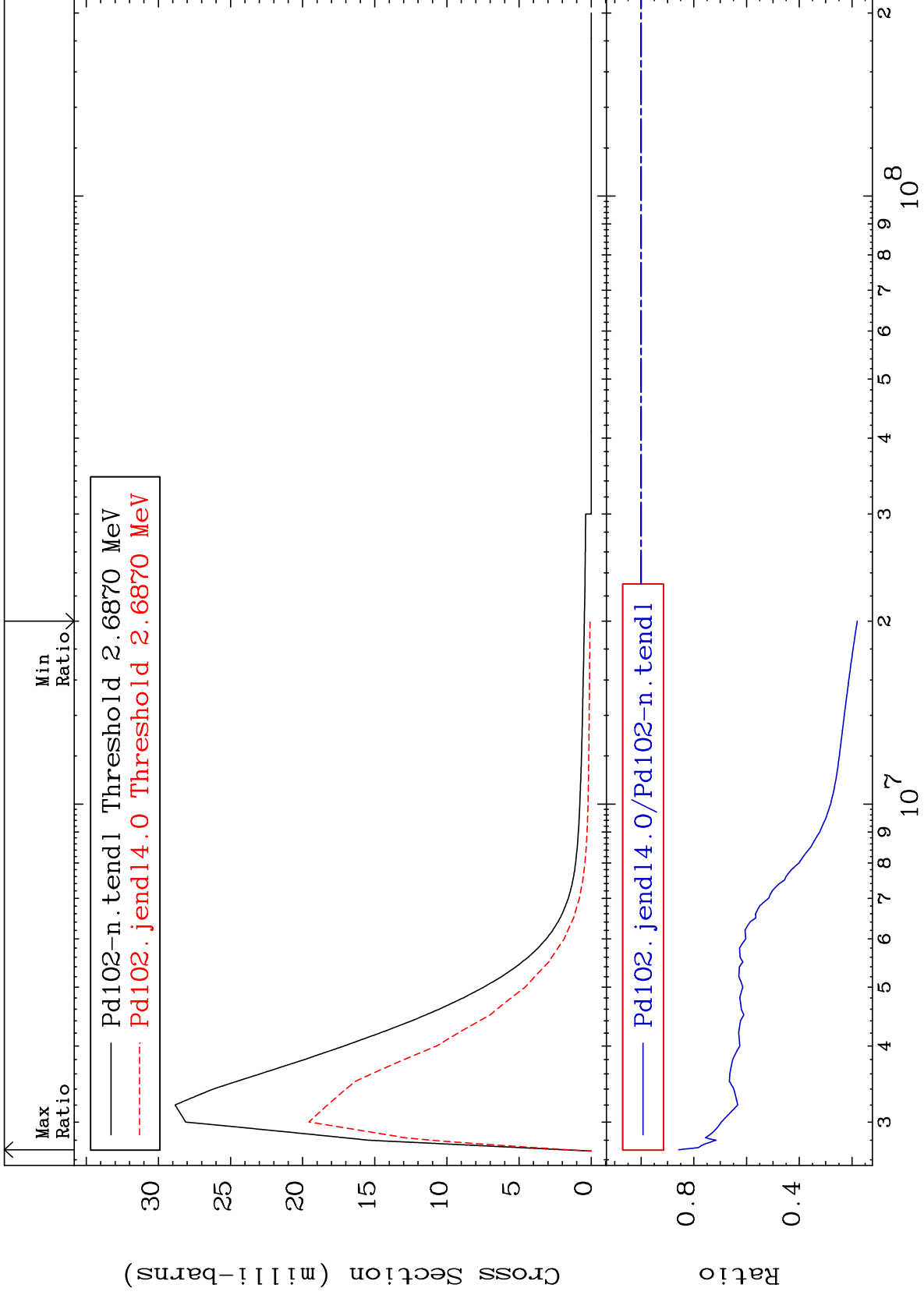
Incident Energy (eV)

46-Pd-102

MAT 4625

2.661 MeV (n,n') Level  
Cross Section

46-Pd-102  
-81.98 To -14.22%



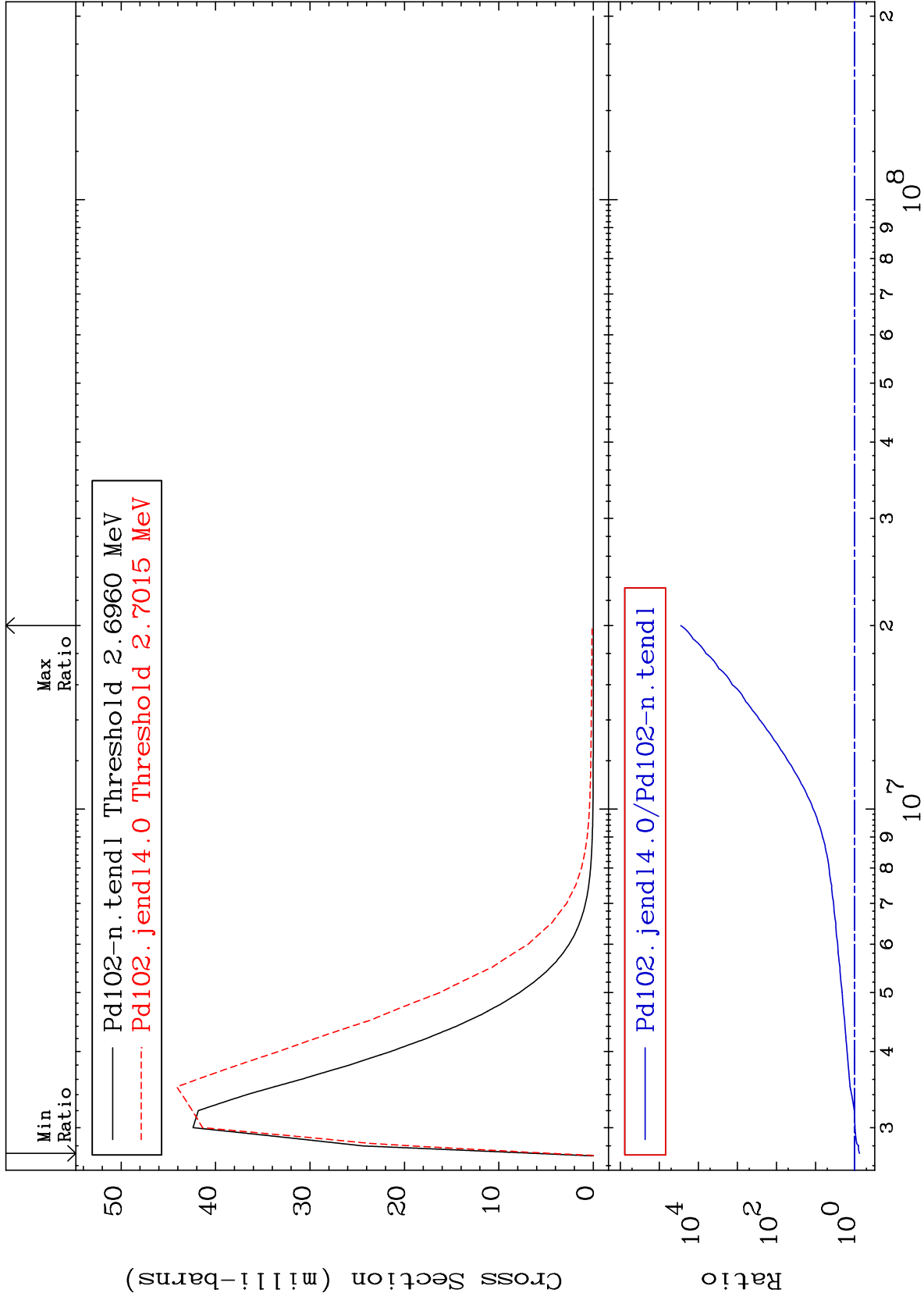
MAT 4625

2.670 MeV (n,n') Level

46-Pd-102

-25.43 To 9999. %

Cross Section



40

Incident Energy (eV)

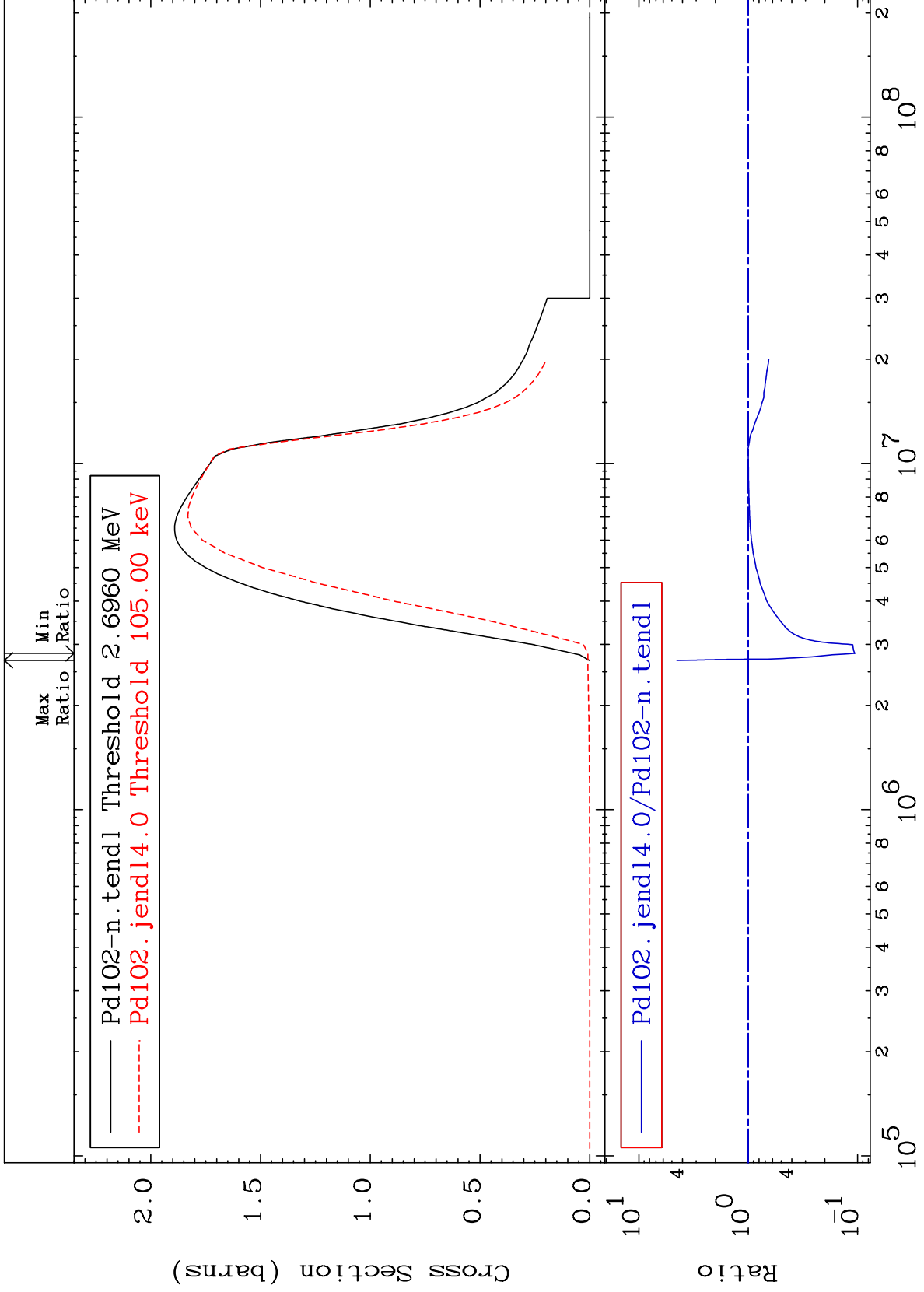
46-Pd-102



MAT 4625

(n, n') Continuum  
Cross Section

46-Pd-102  
-89.44 To 349.9 %



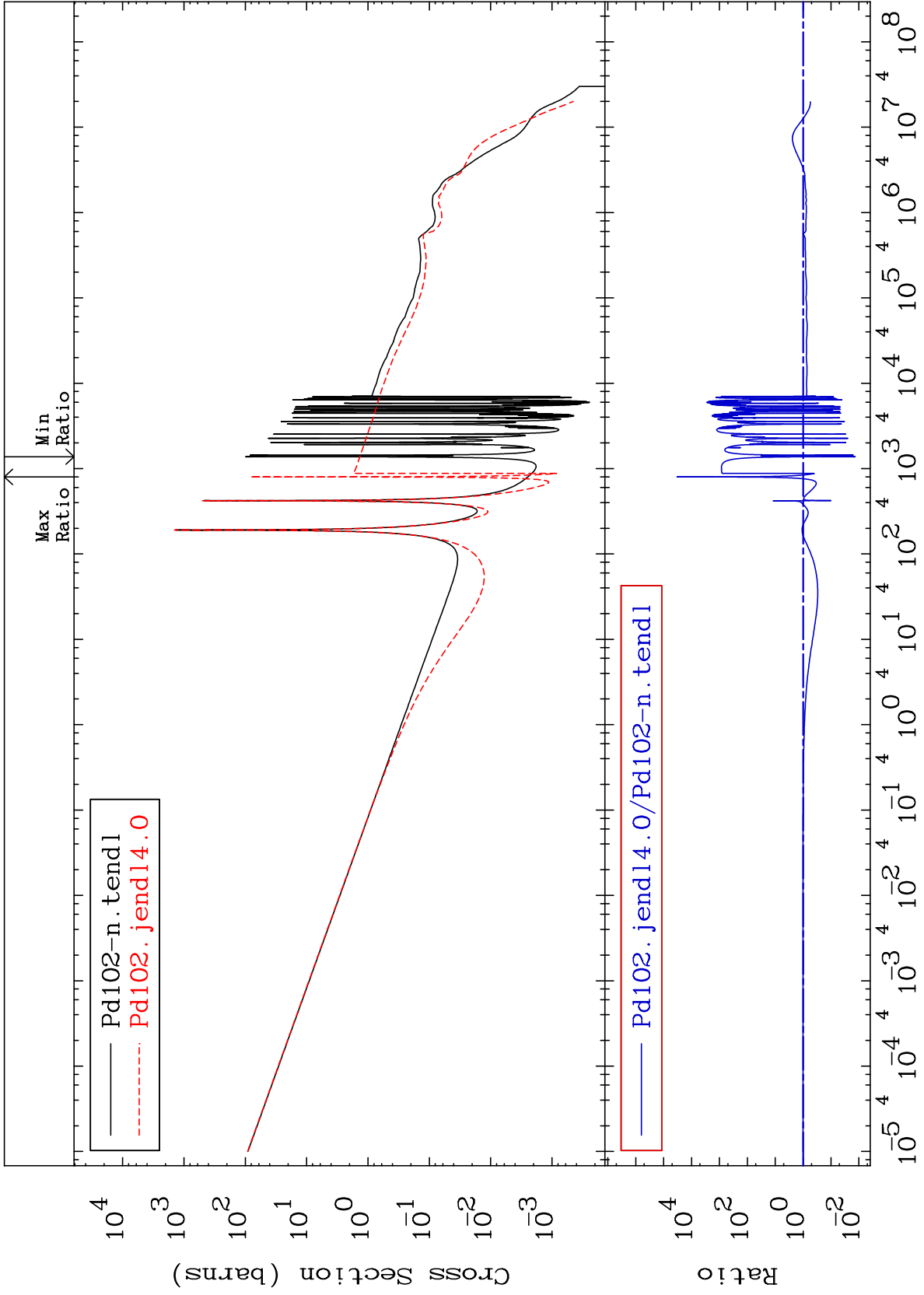
41

46-Pd-102

MAT 4625

(n,  $\gamma$ )  
Cross Section

46-Pd-102  
-98.63 To 9999. %



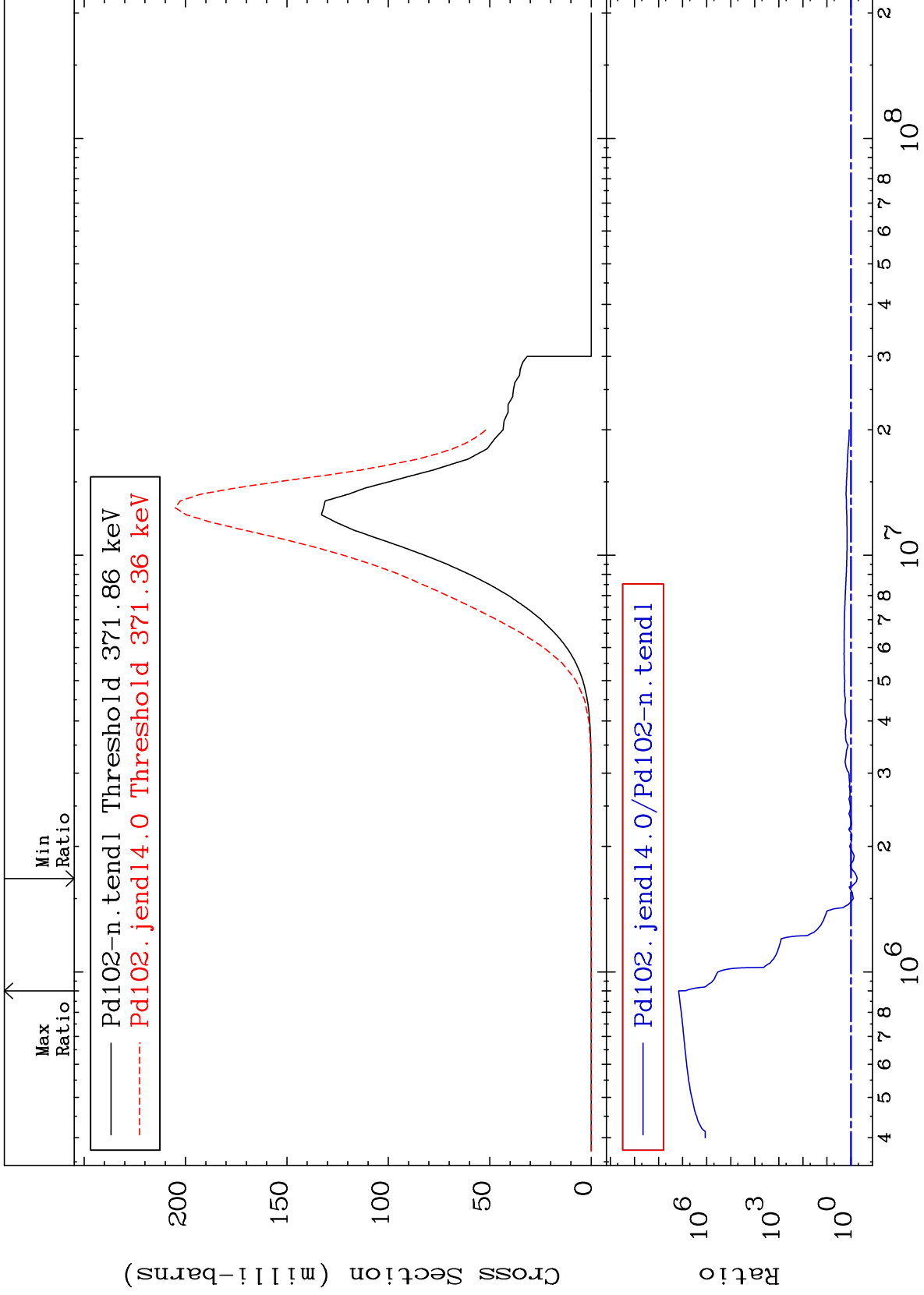
MAT 4625

(n,p)

46-Pd-102

Cross Section

-44.93 To 9999. %



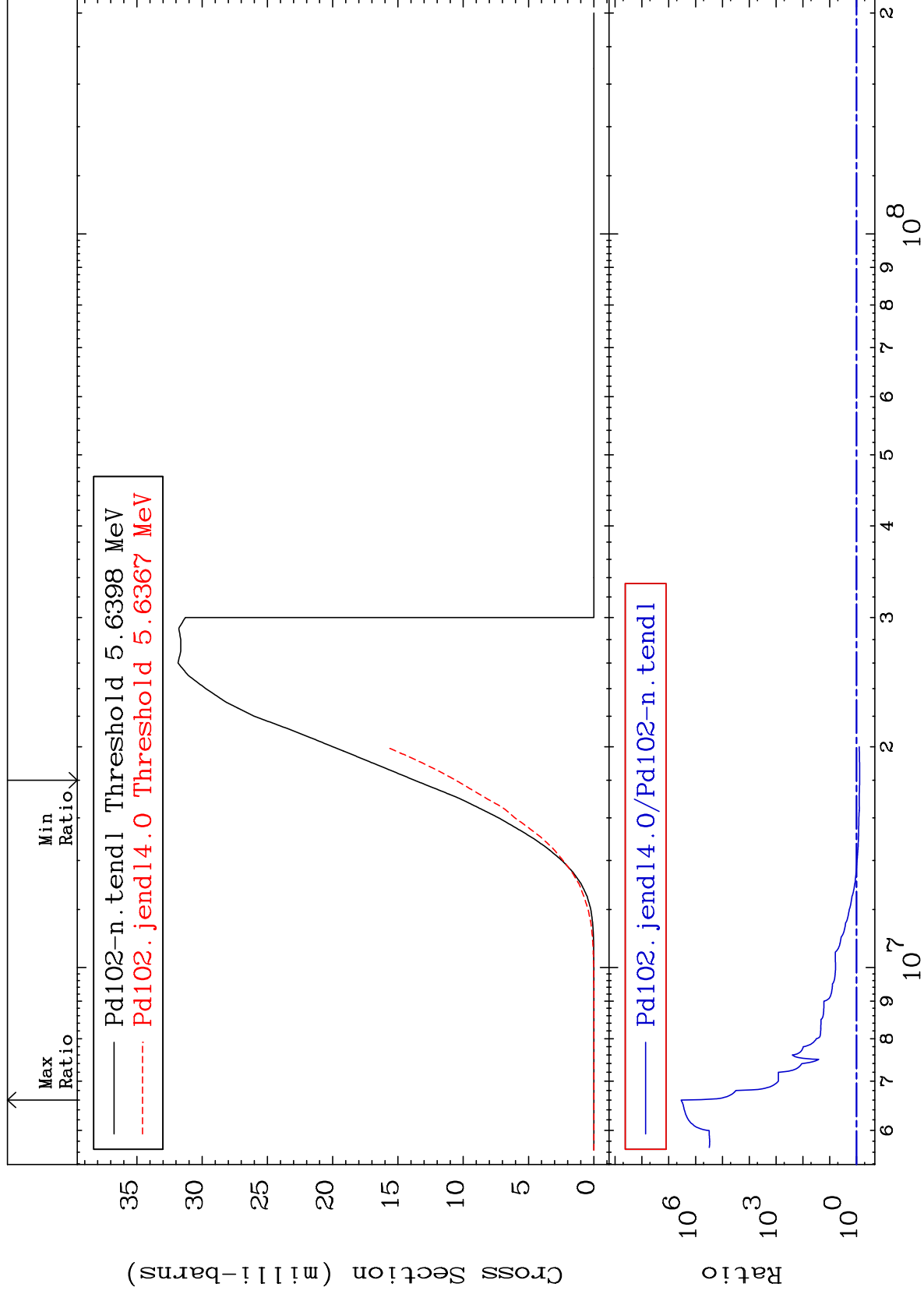
MAT 4625

(n, d)

46-Pd-102

Cross Section

-23.09 To 9999. %



44

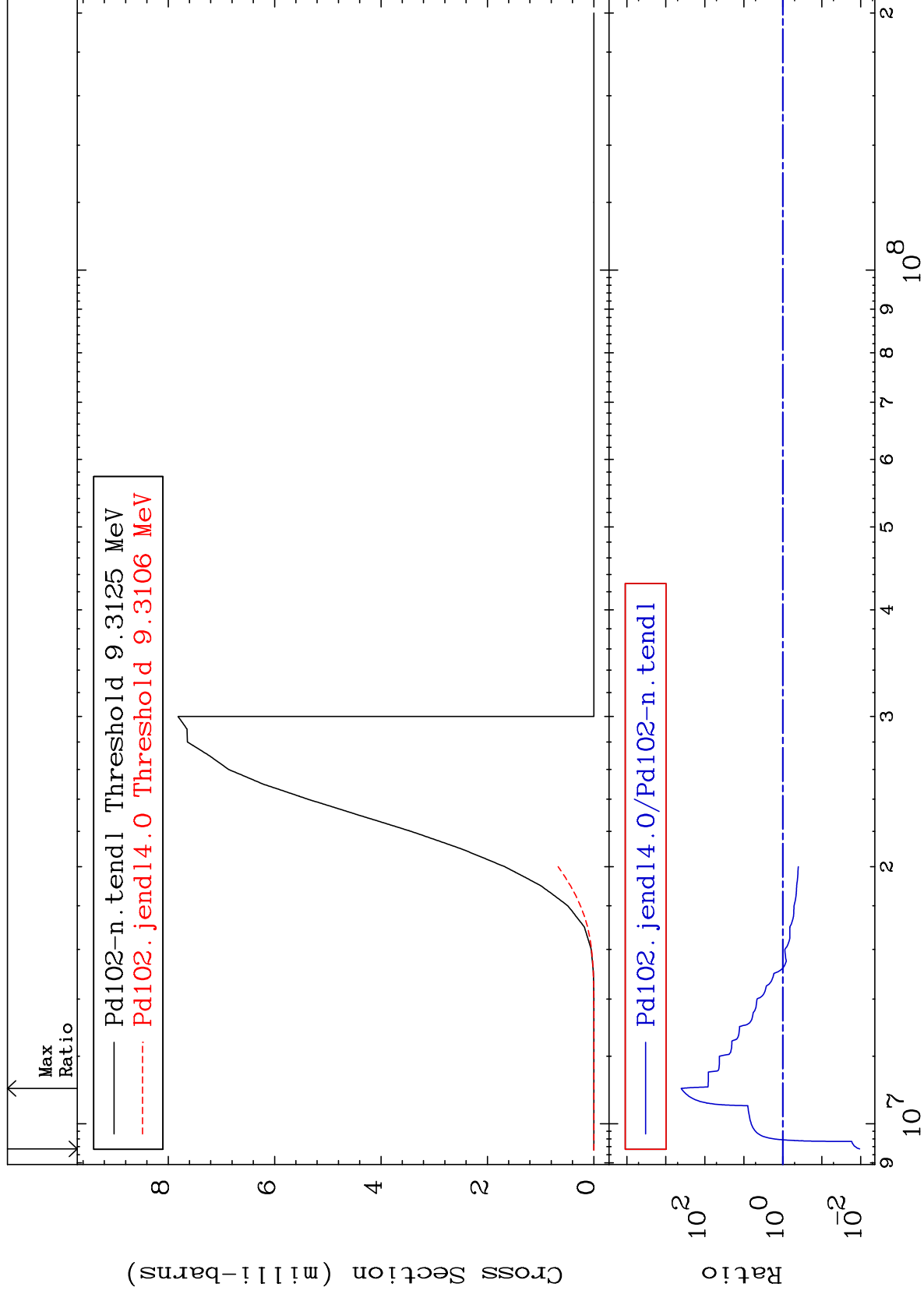
Incident Energy (eV)

46-Pd-102

MAT 4625

(n, t)  
Cross Section

46-Pd-102  
-98.93 To 9999. %



45

Incident Energy (eV)

46-Pd-102

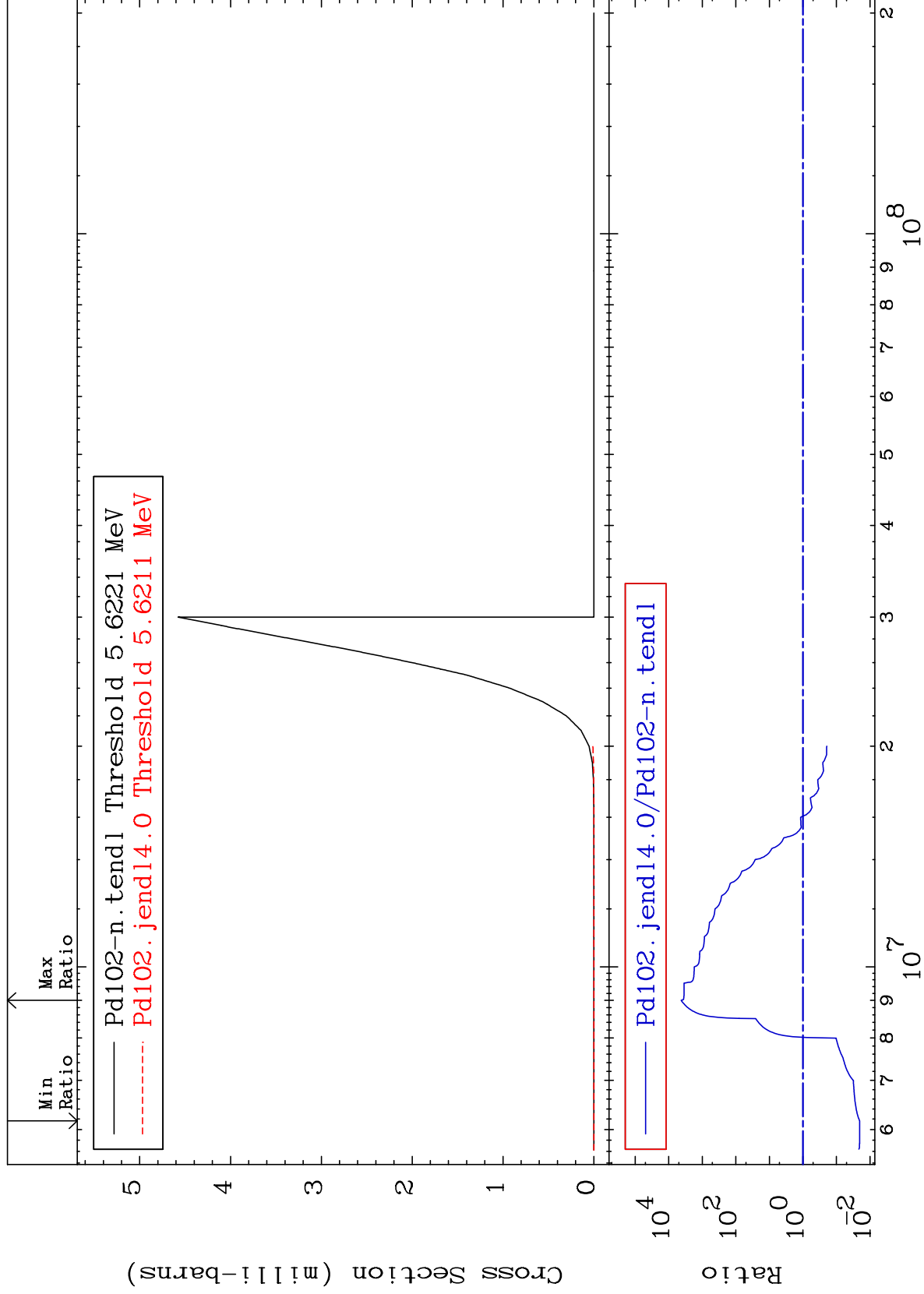
MAT 4625

(n, He-3)

46-Pd-102

Cross Section

-97.97 To 9999. %



46

Incident Energy (eV)

46-Pd-102

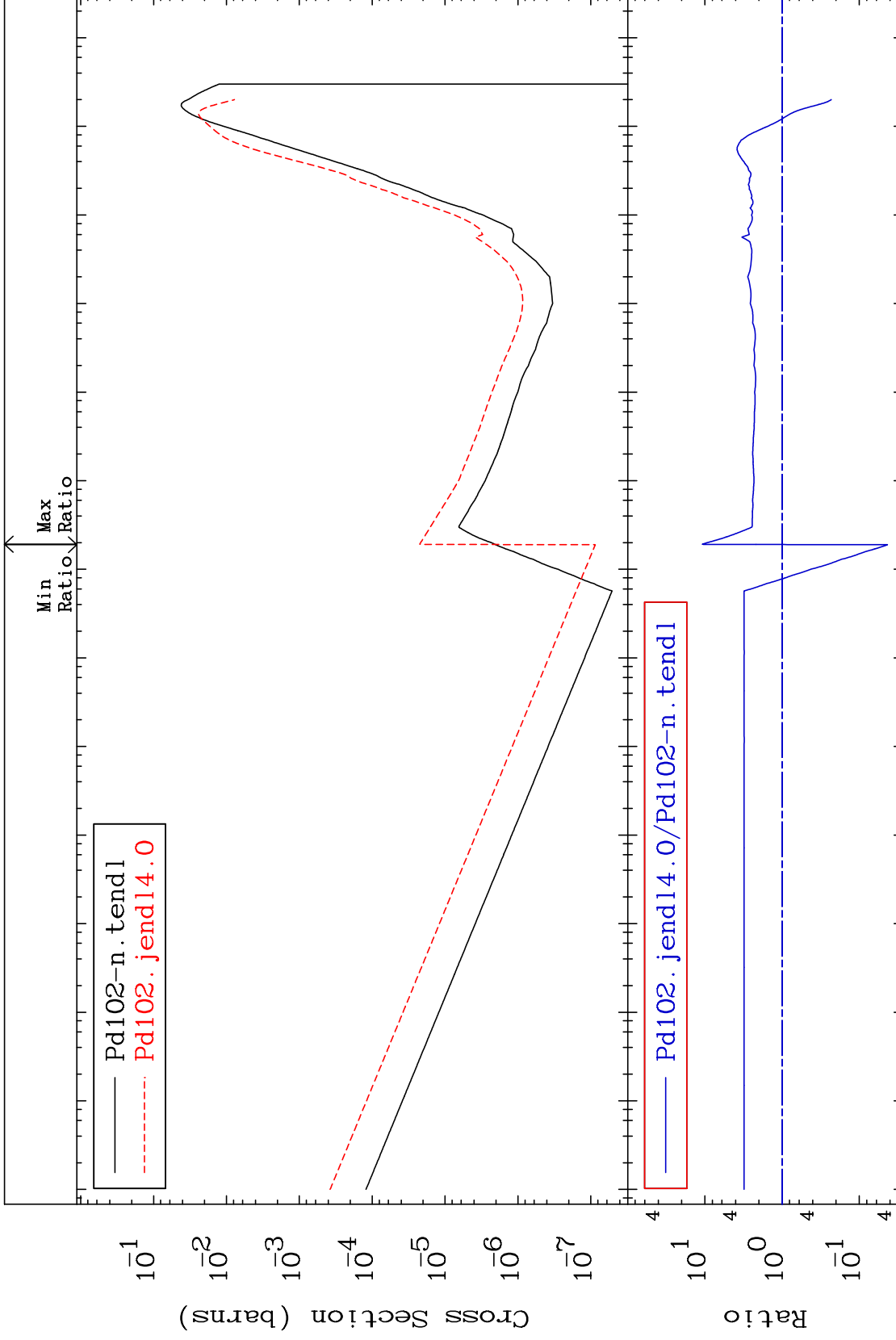
MAT 4625

(n,  $\alpha$ )

46-Pd-102

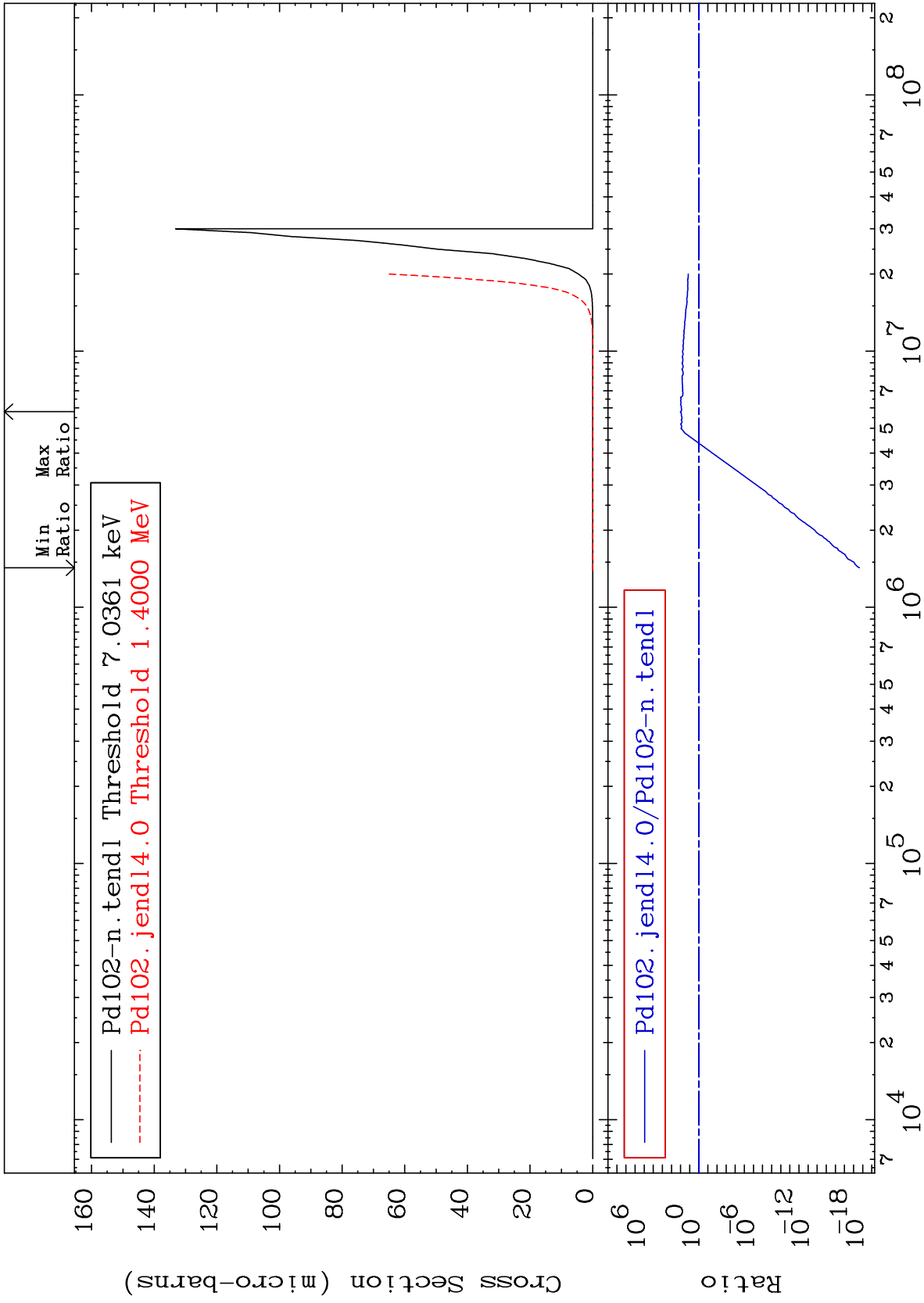
Cross Section

-95.68 To 970.4 %



MAT 4625

(n,2α)  
Cross Section  
46-Pd-102  
-100.0 To 9999. %





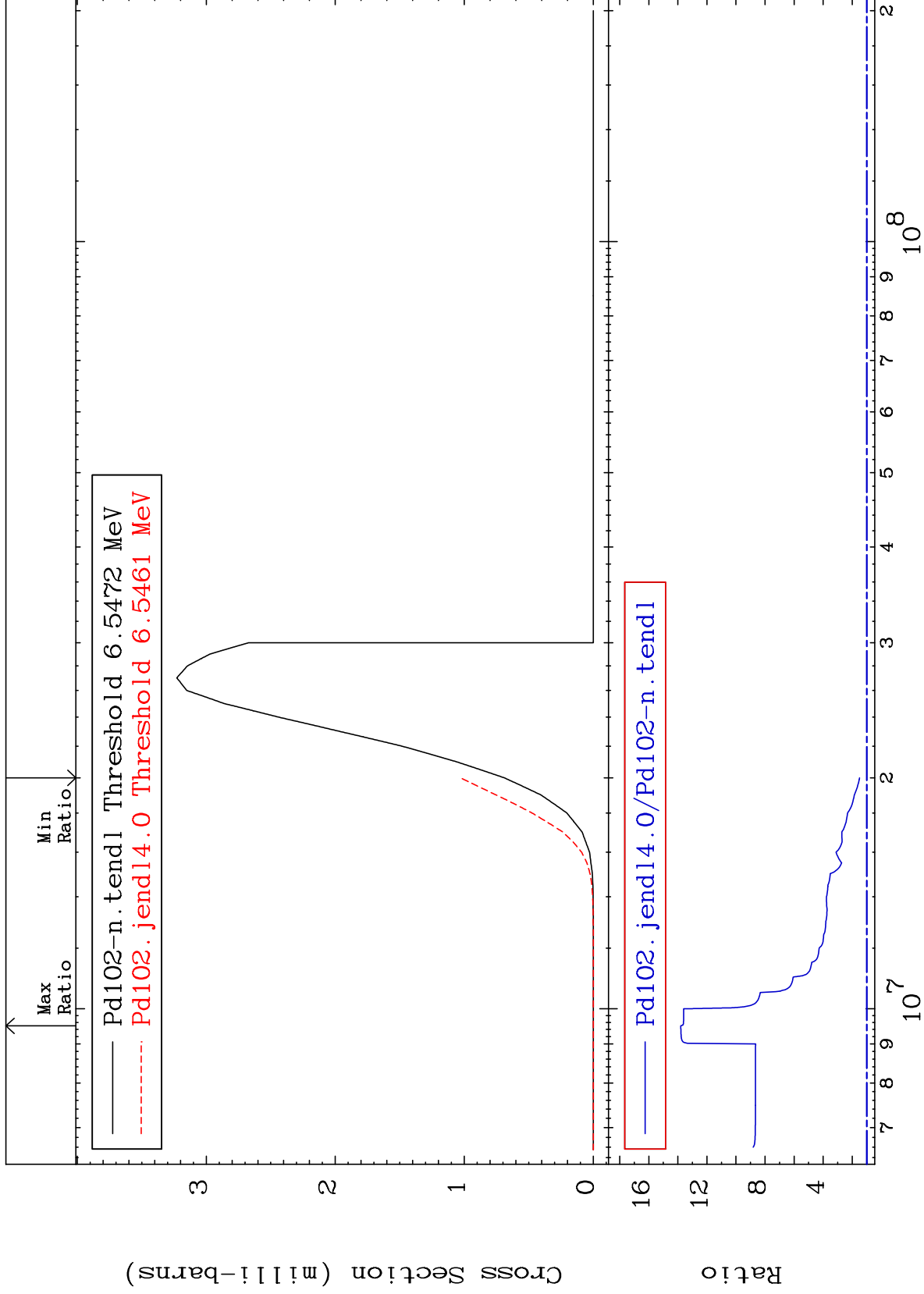
MAT 4625

(n,2p)

46-Pd-102

Cross Section

49.41 To 1280. %



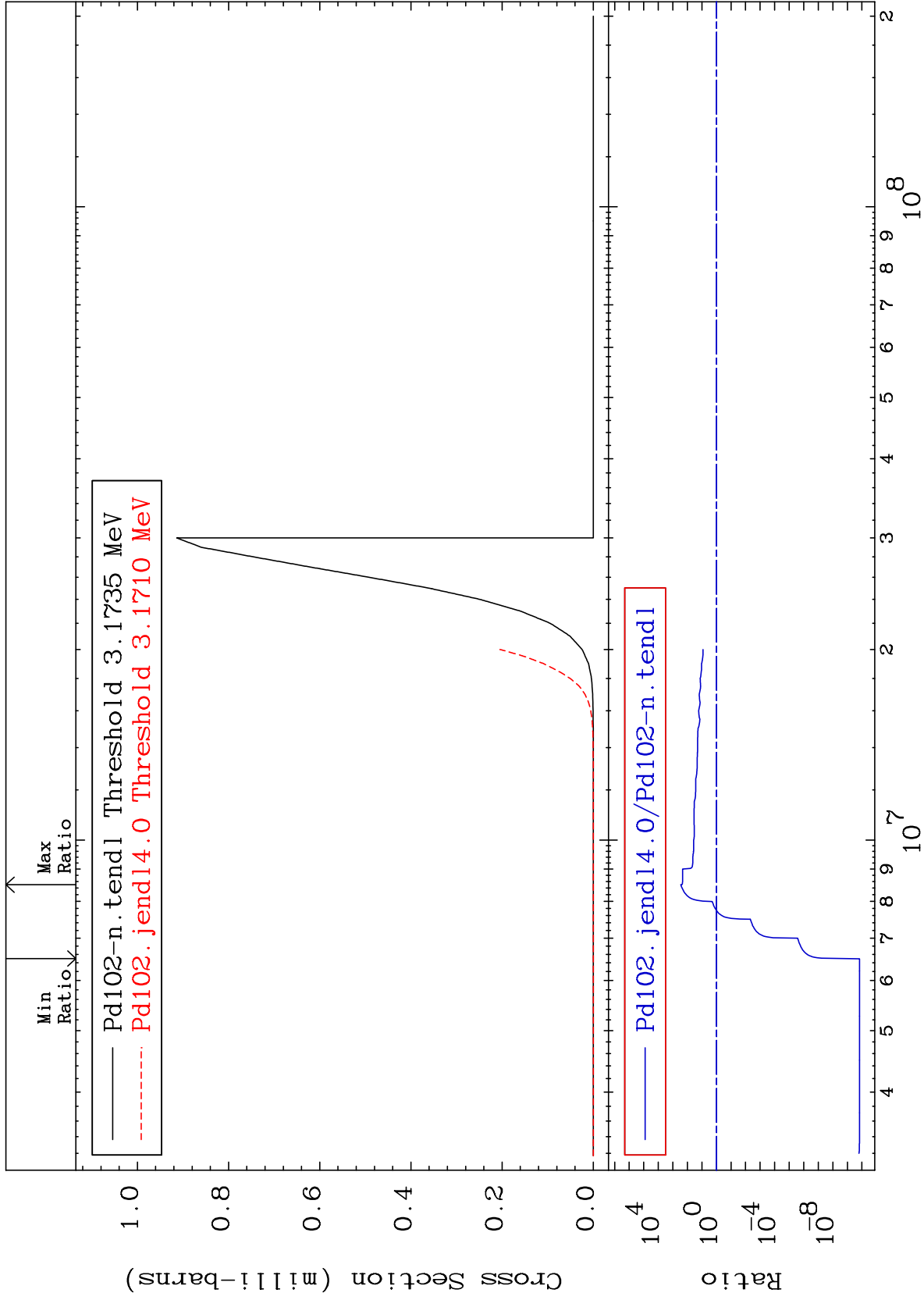
49

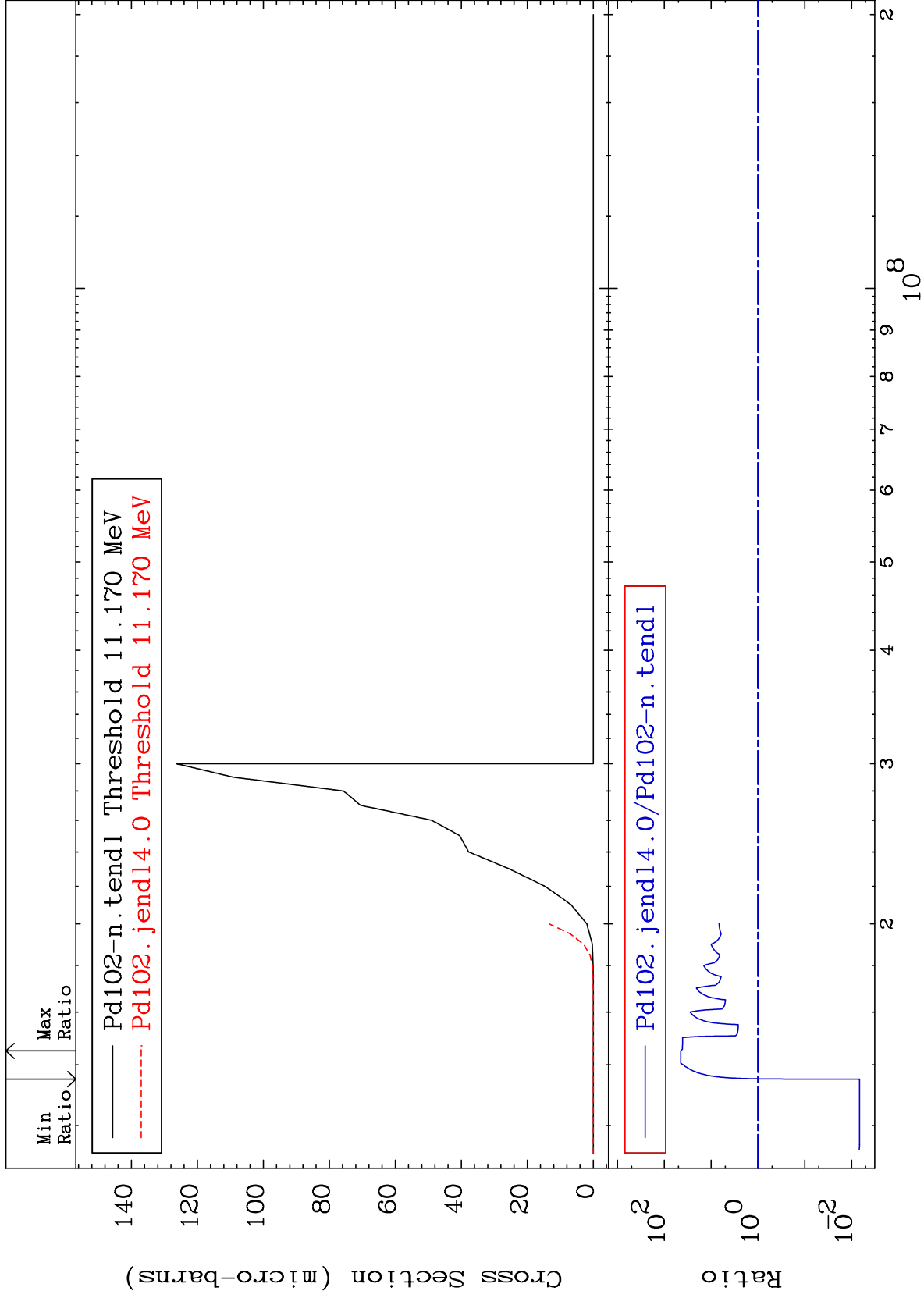
Incident Energy (eV)

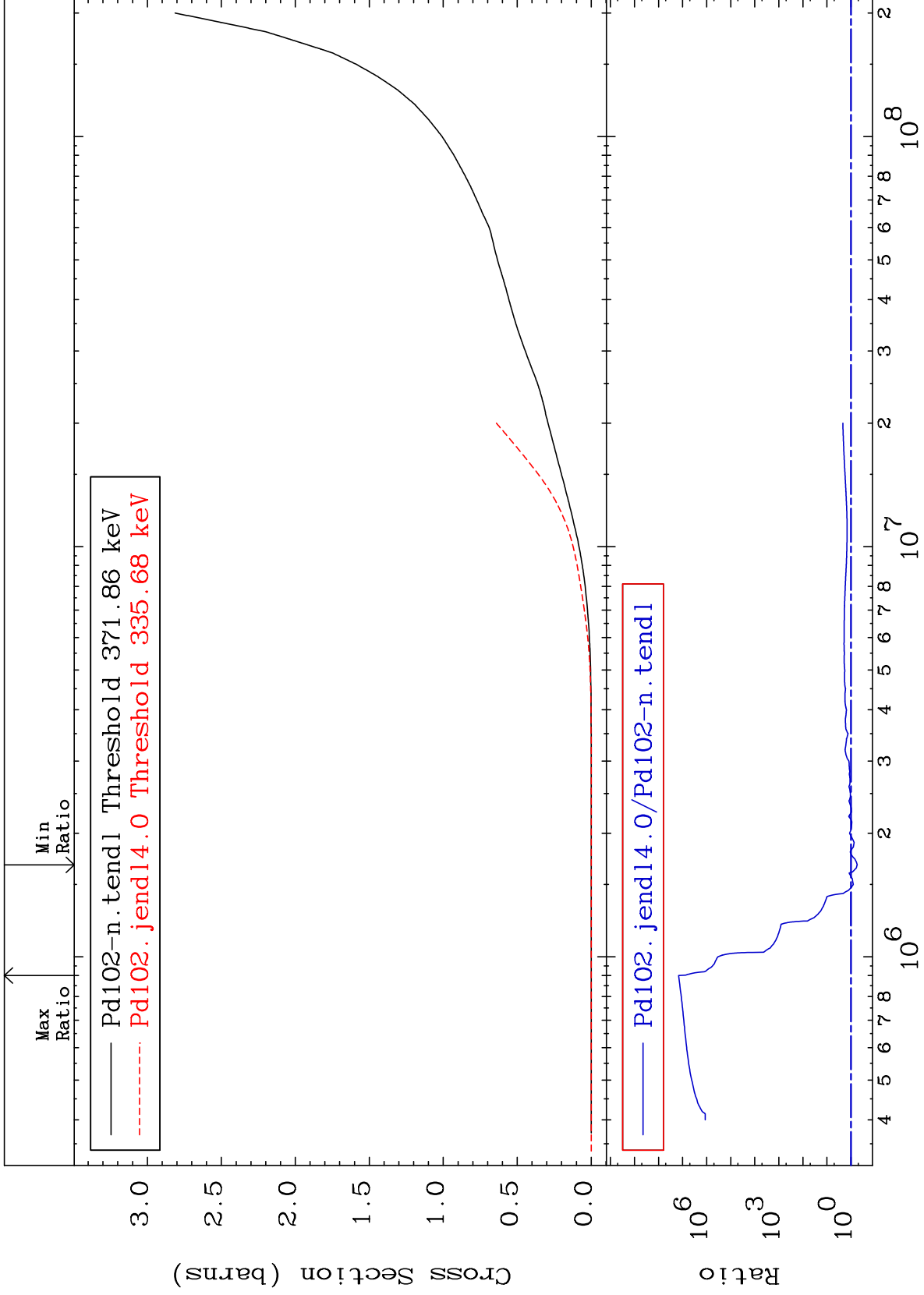
46-Pd-102

Cross Section

-100.0 To 9999. %



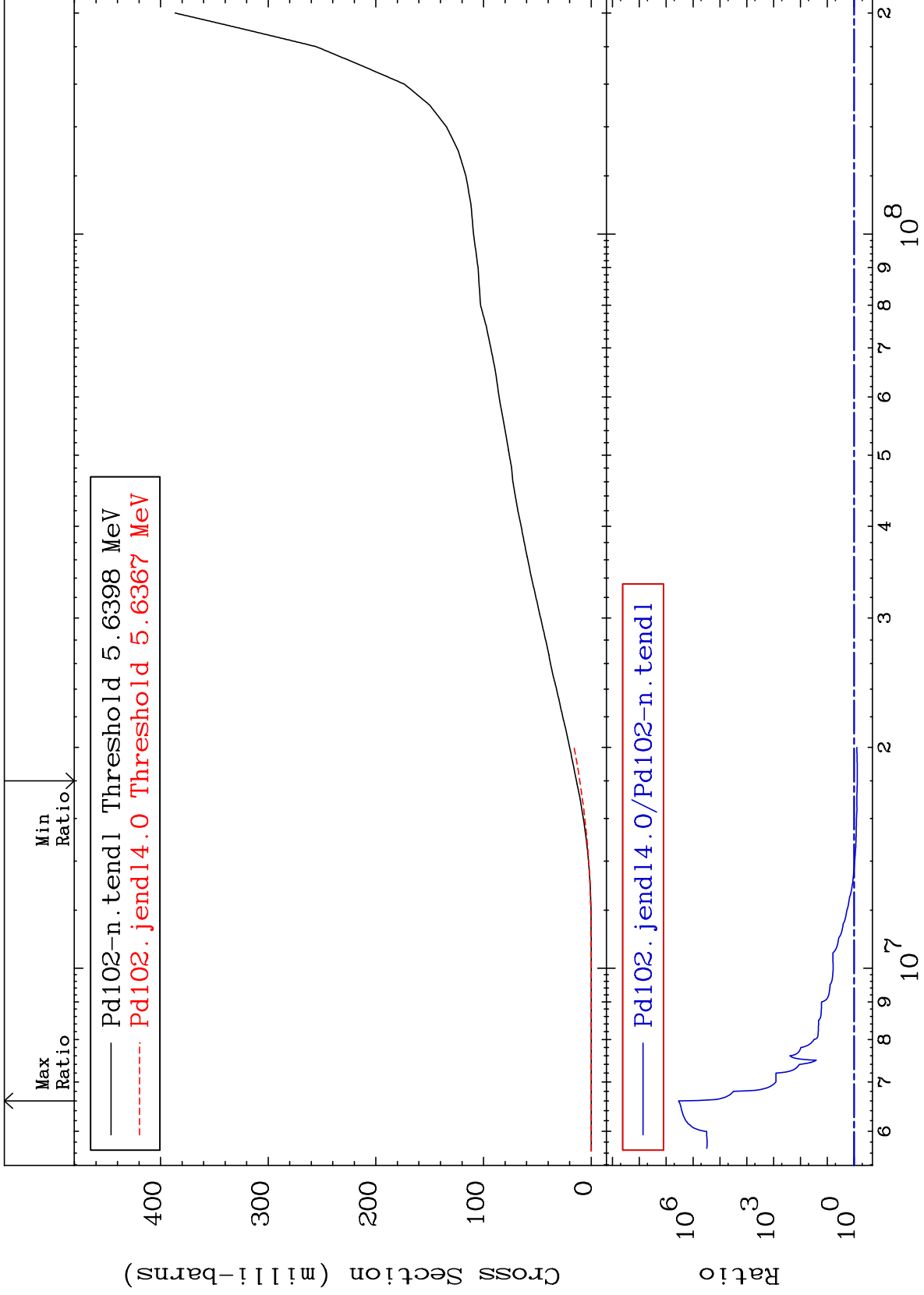




MAT 4625

Deuterium Production  
Cross Section

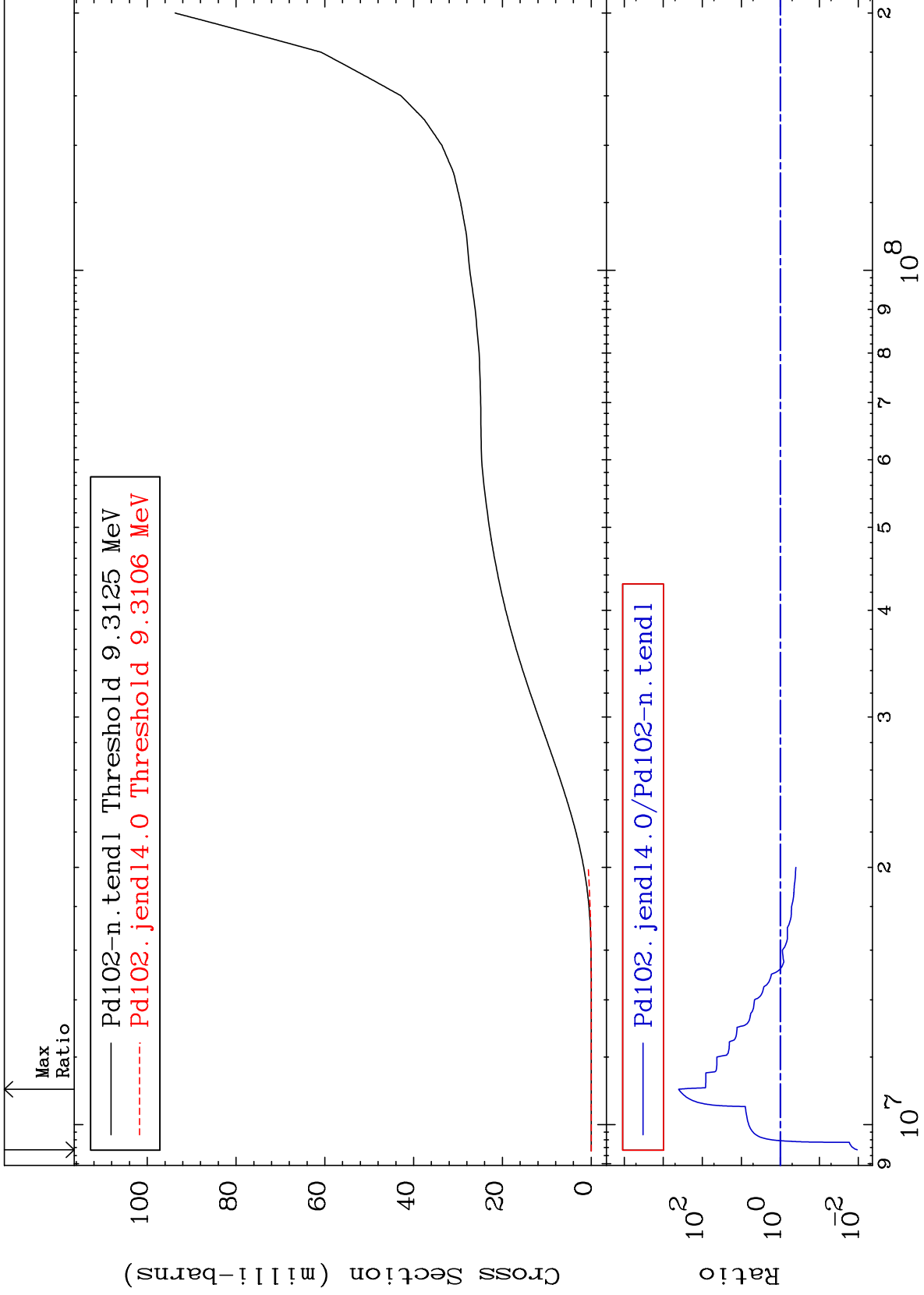
46-Pd-102  
-23.09 To 9999. %



MAT 4625

Tritium Production  
Cross Section

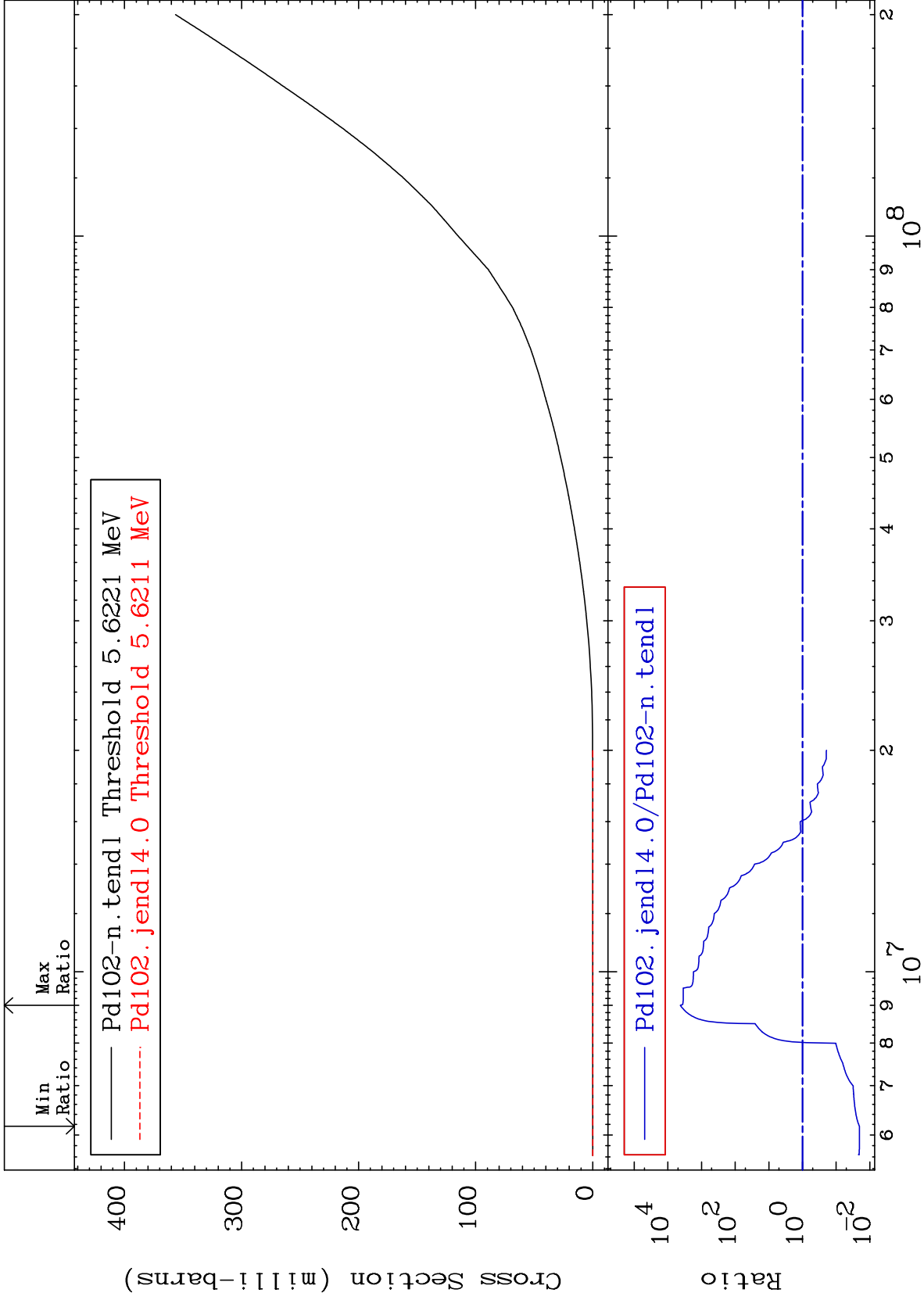
46-Pd-102  
-98.93 To 9999. %



54

Incident Energy (eV)

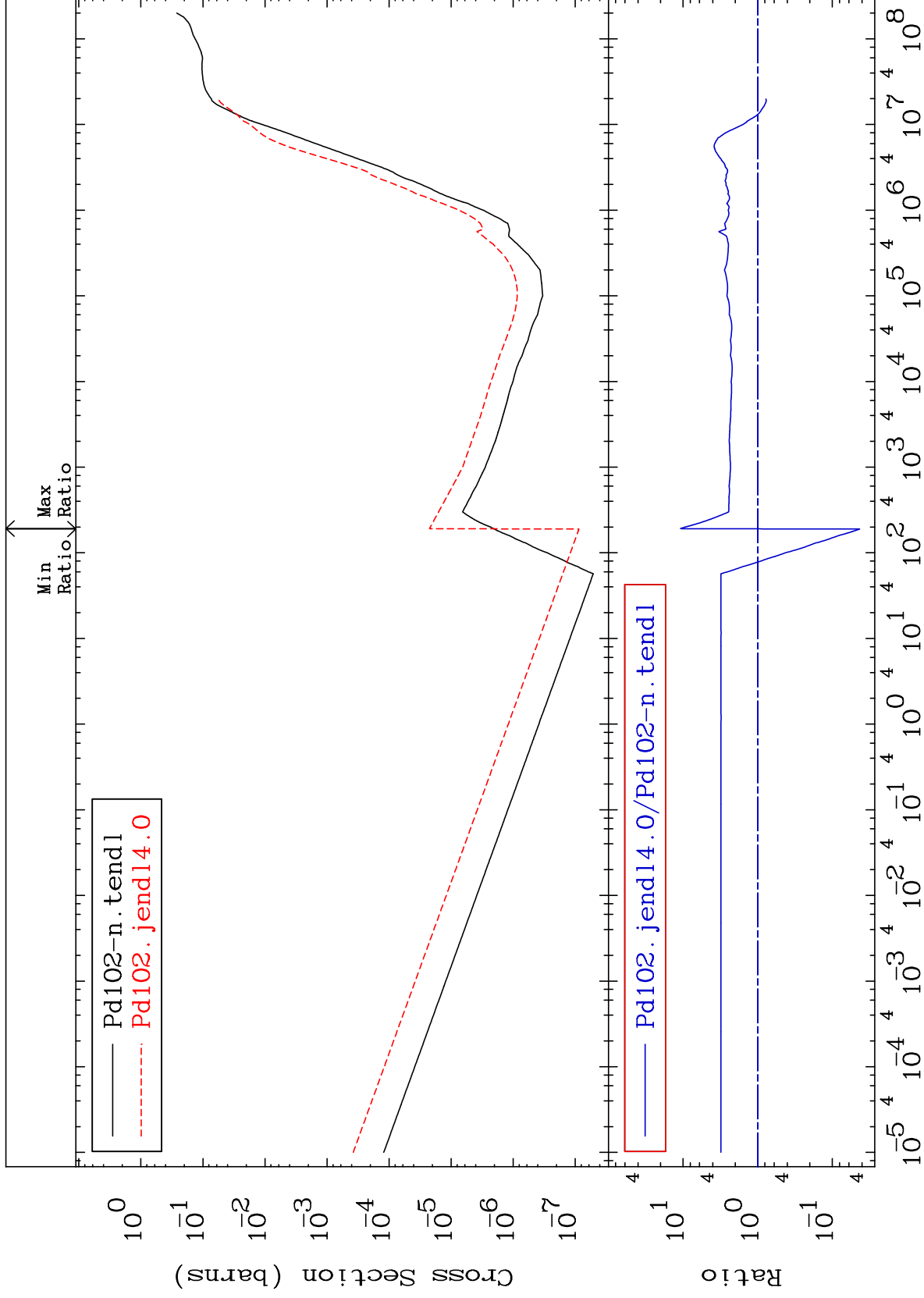
46-Pd-102



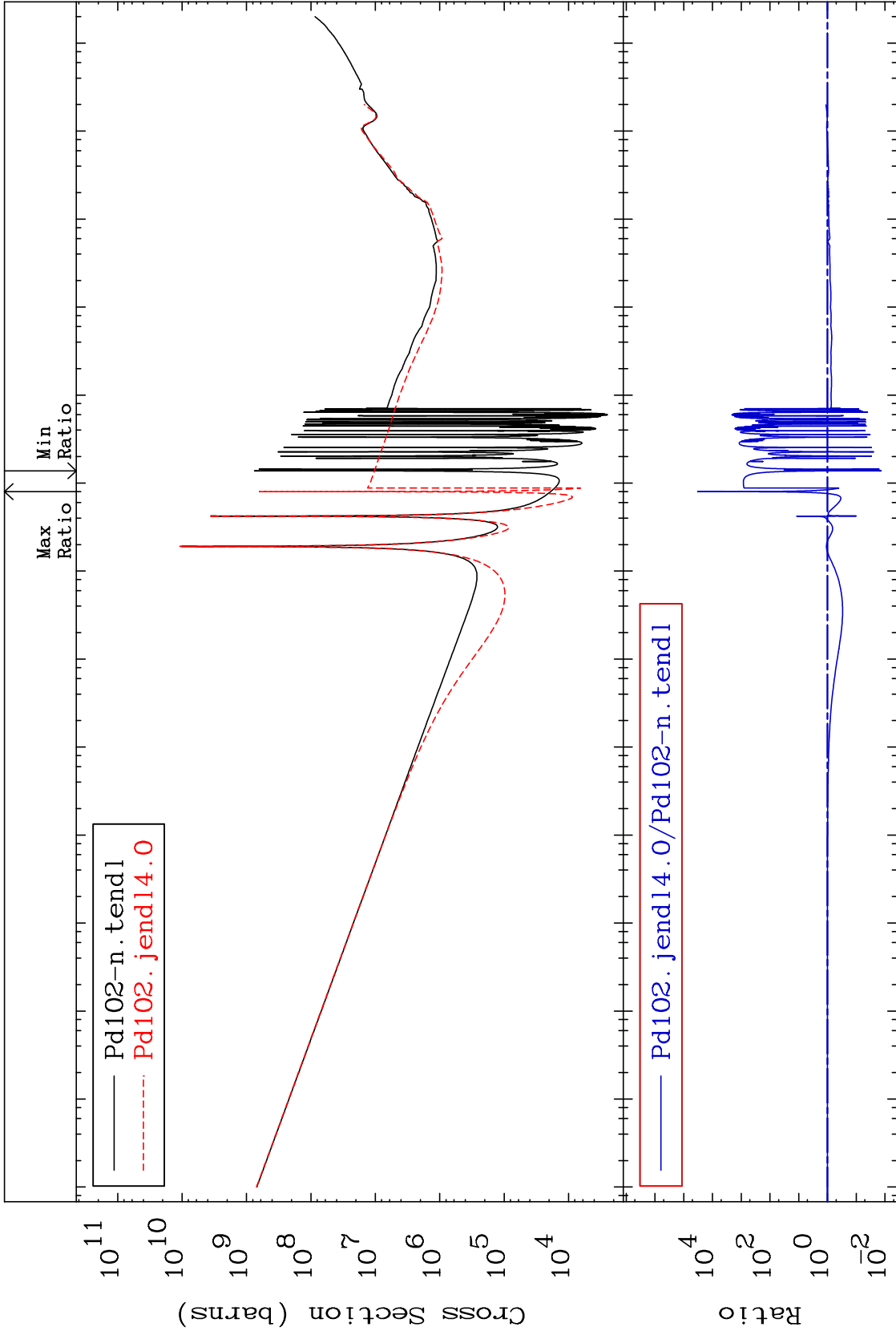
MAT 4625

He-4 Production  
Cross Section

46-Pd-102  
-95.68 To 970.4 %

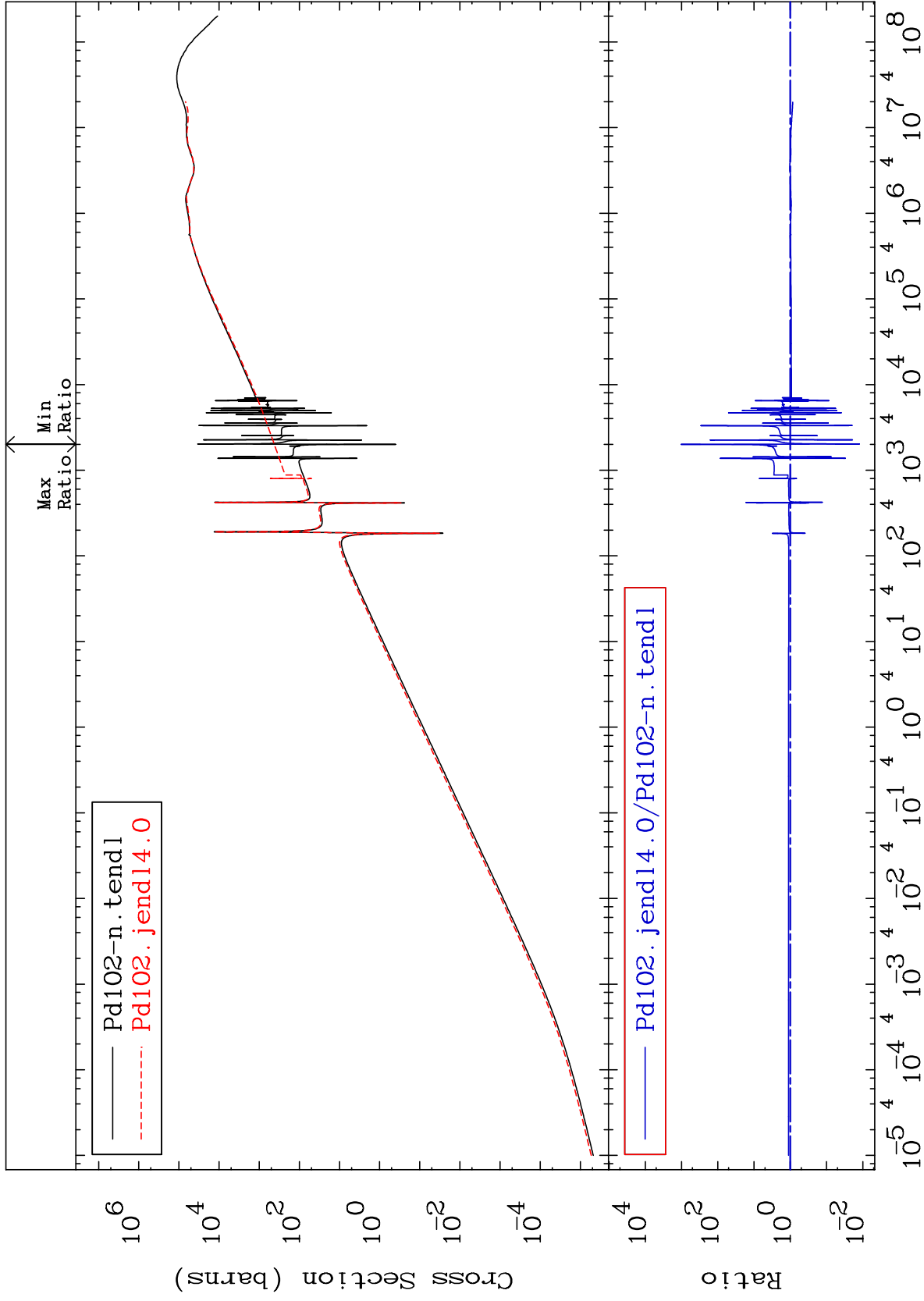


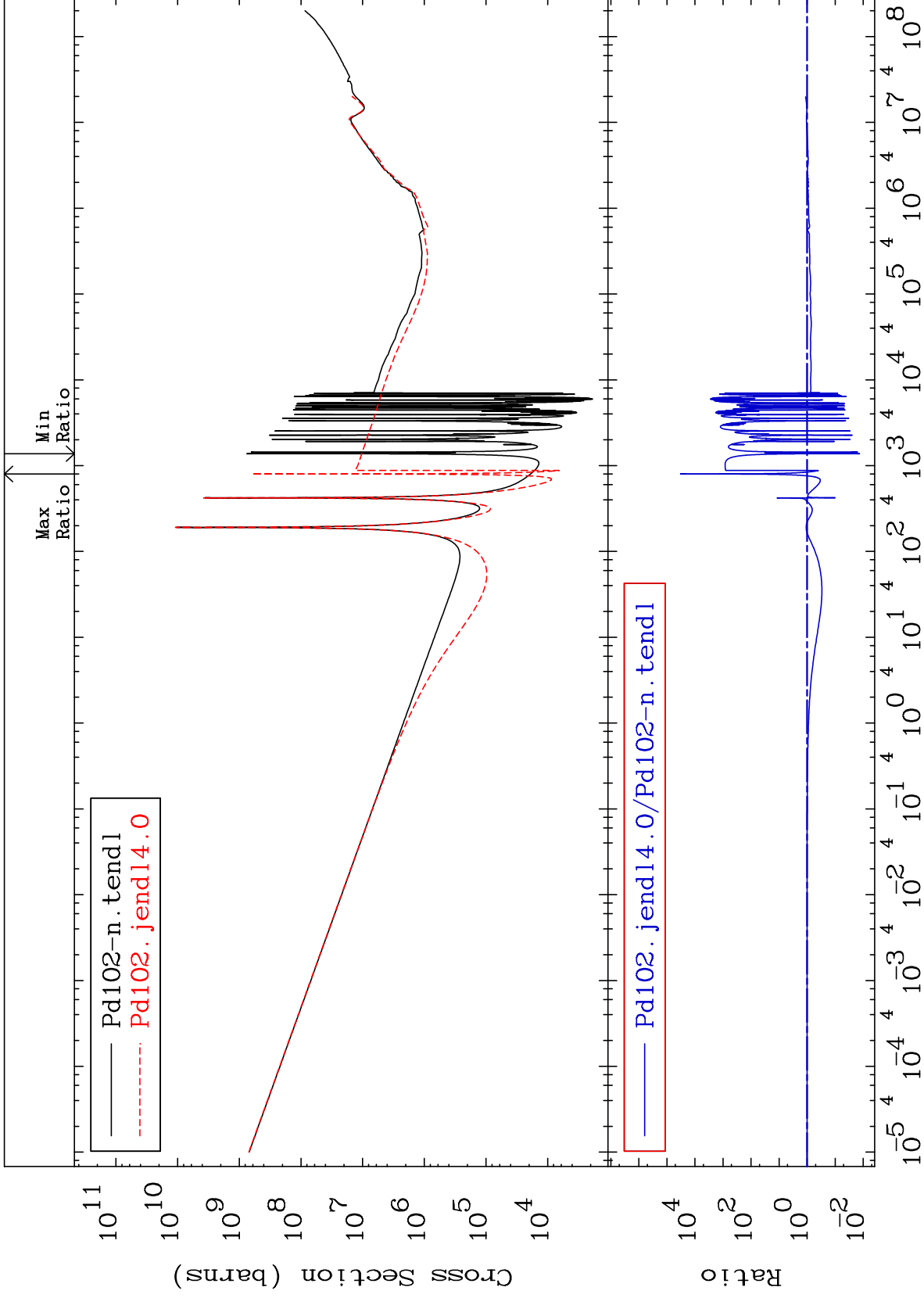




Pd102-n.tendl  
Pd102.jendl4.0

Pd102.jendl4.0/Pd102-n.tendl

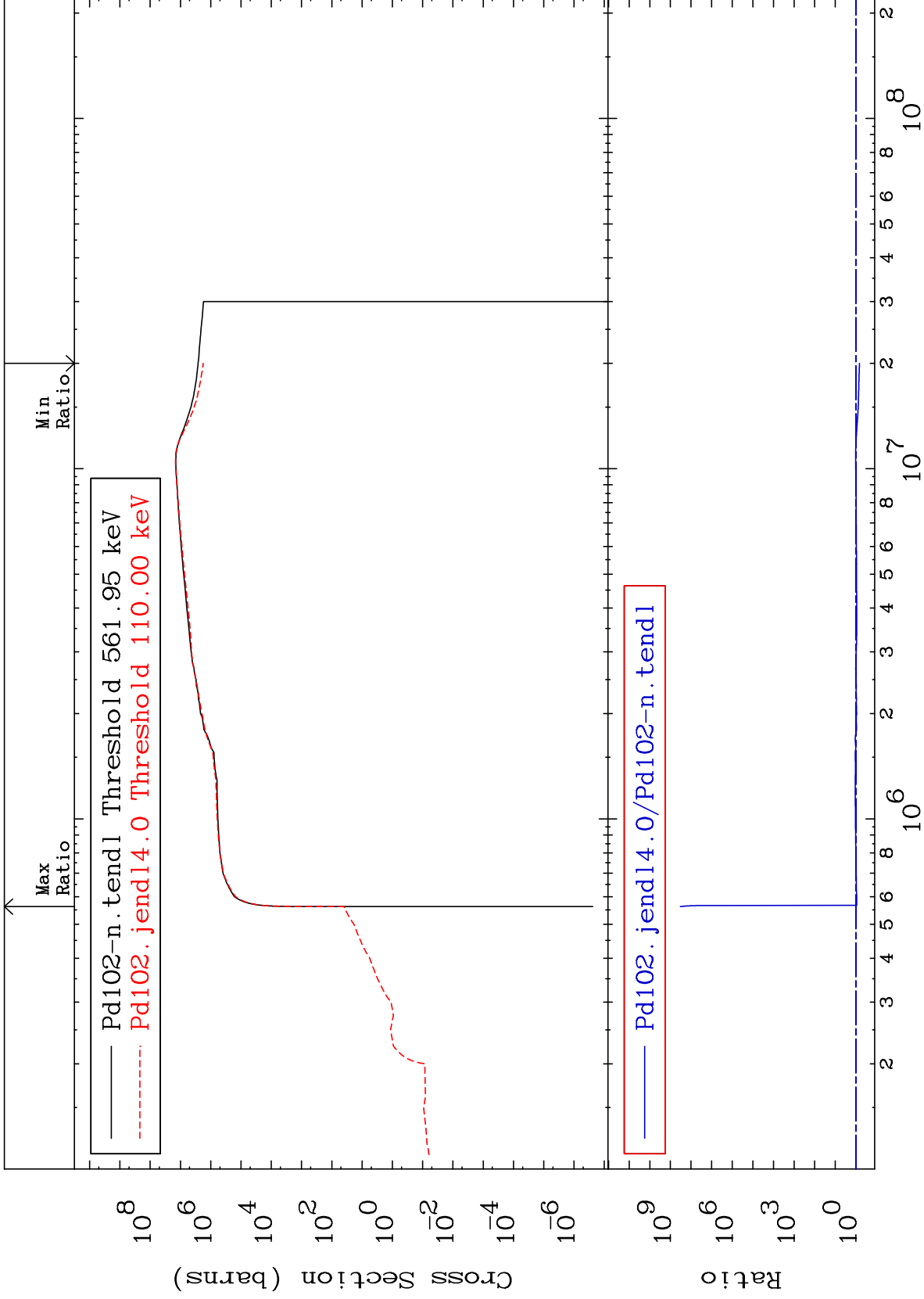




MAT 4625

Kerma inelastic (mt51-91)  
Cross Section

46-Pd-102  
-32.51 To 9999. %



60

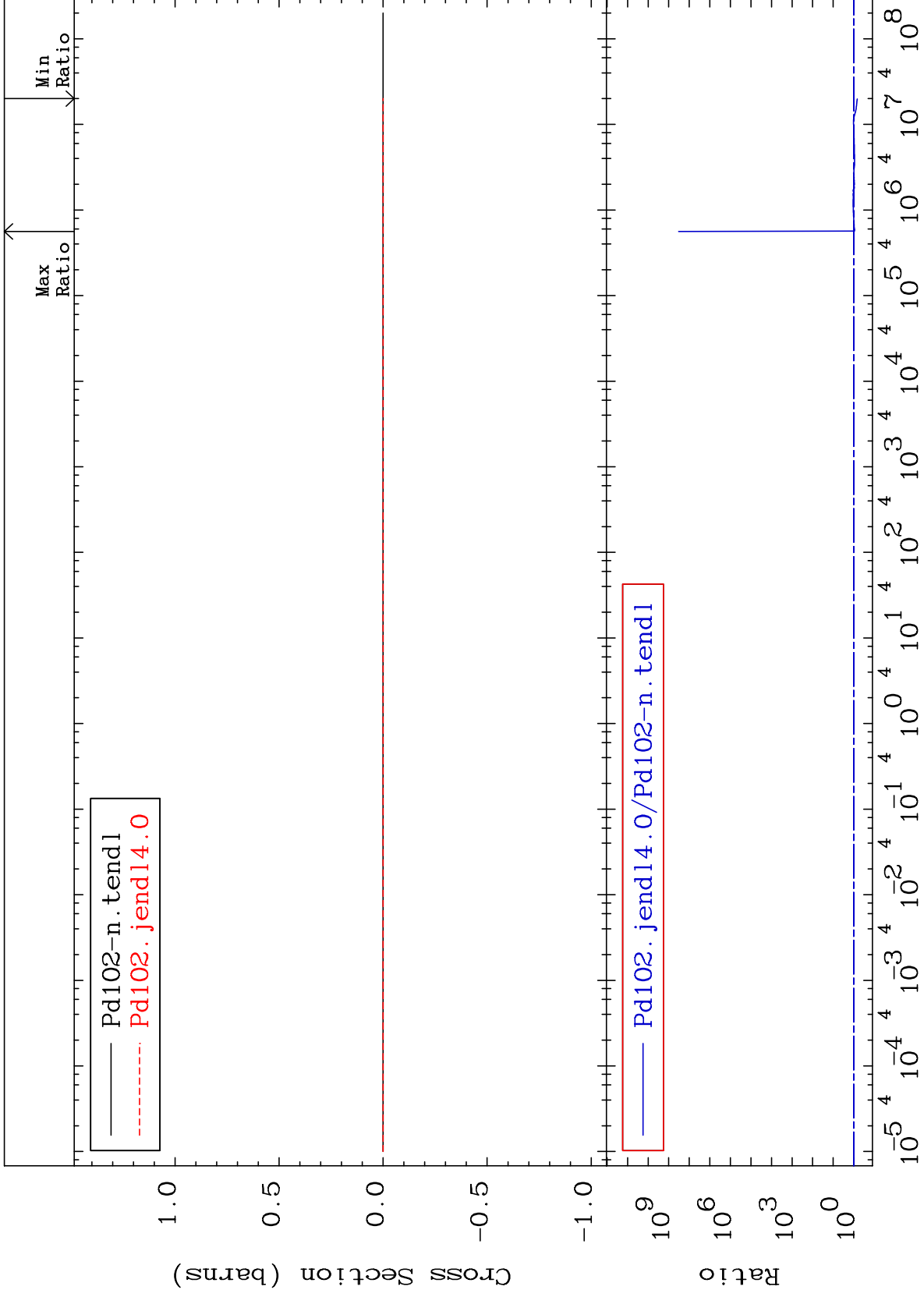
Incident Energy (eV)

46-Pd-102

MAT 4625

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

46-Pd-102  
-32.51 To 9999. %



61

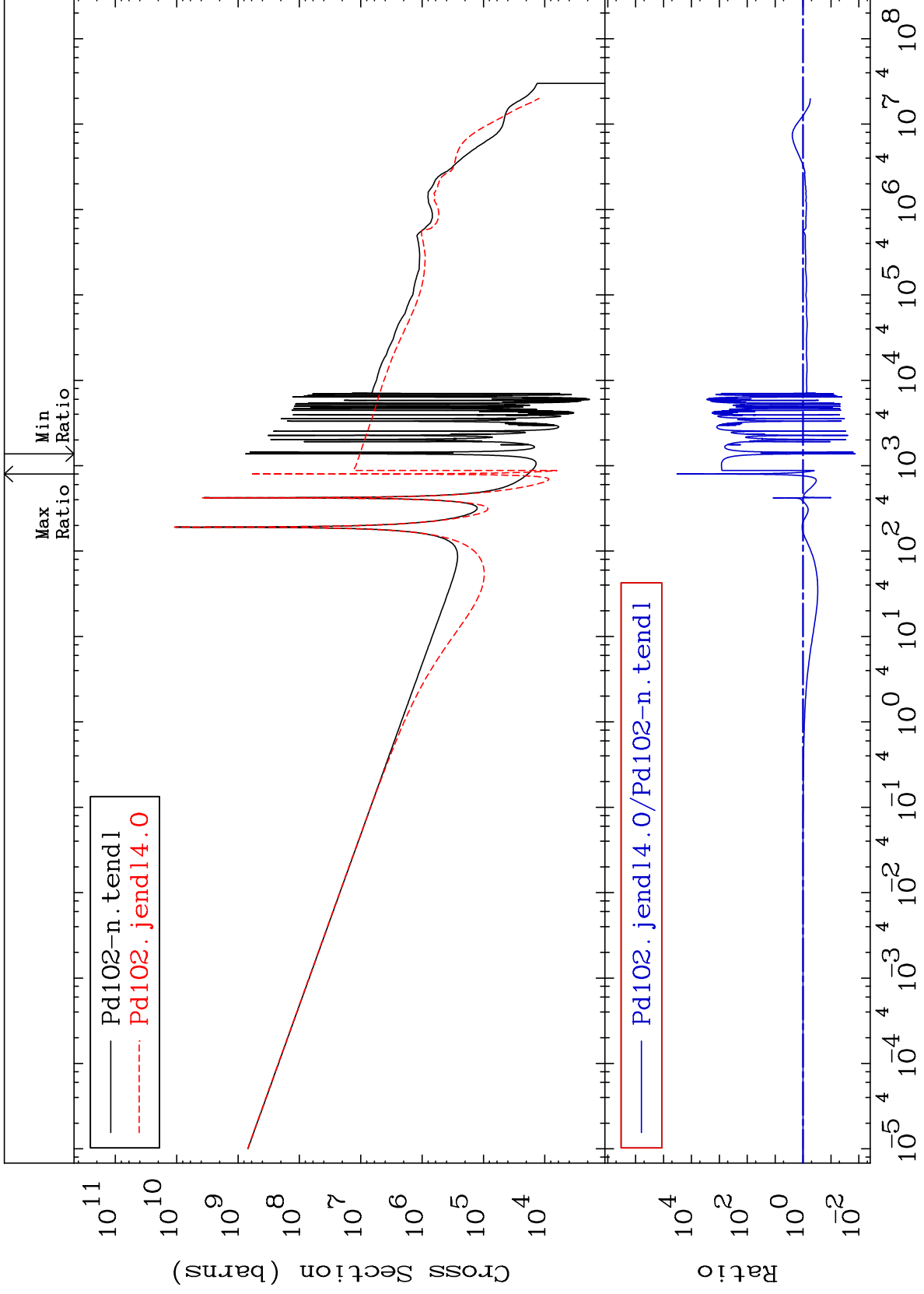
Incident Energy (eV)

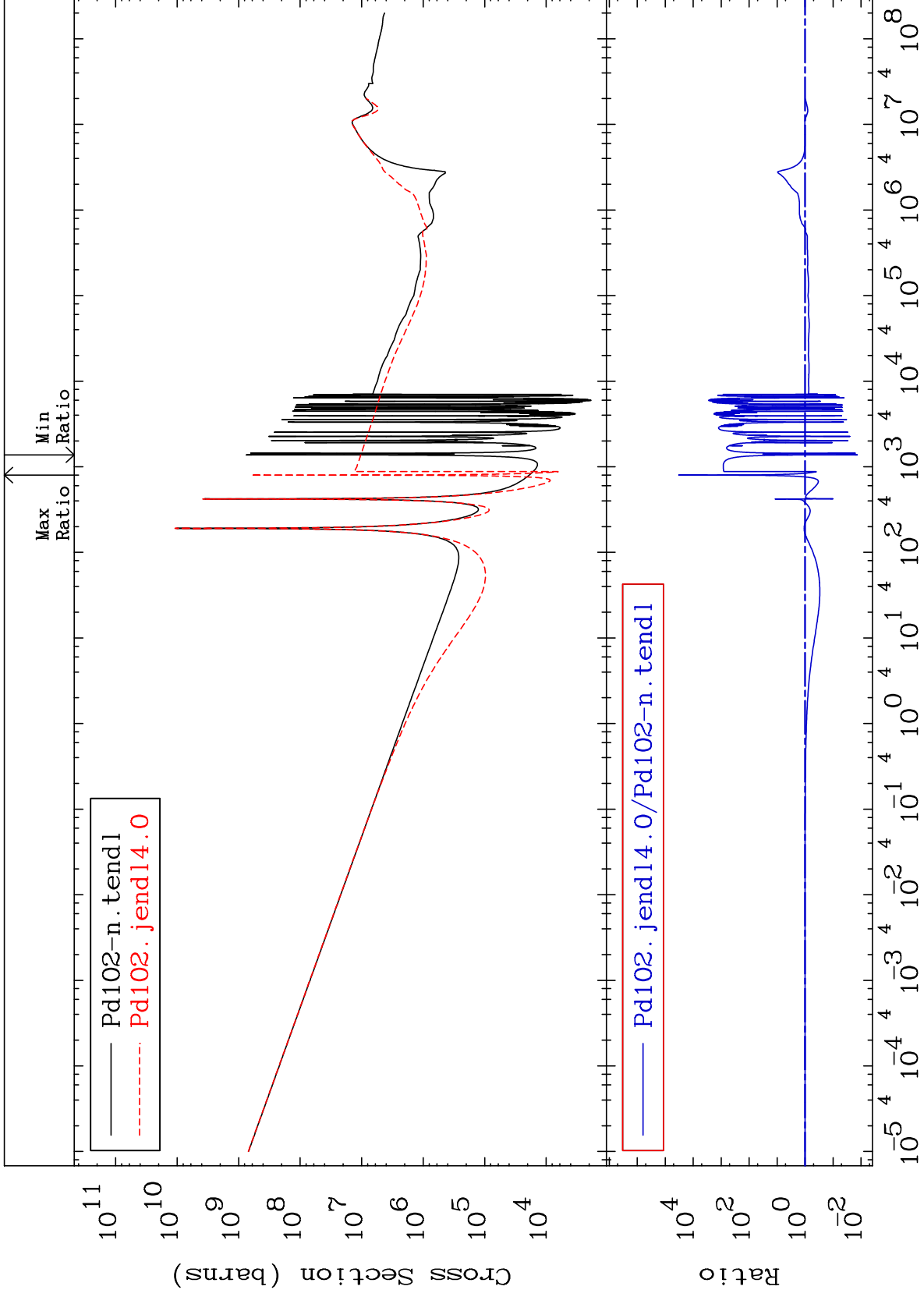
46-Pd-102

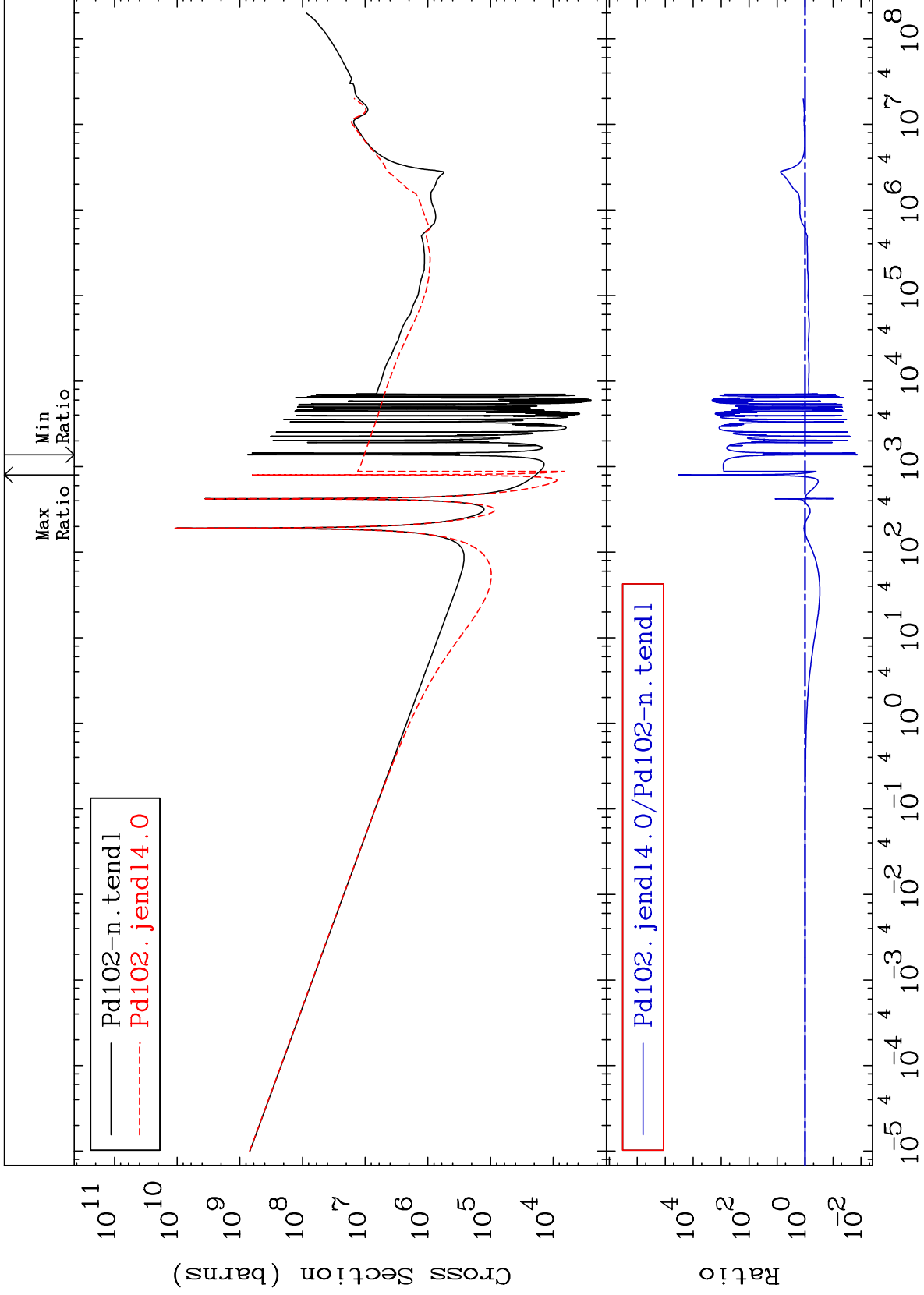
MAT 4625

Kerma capture (mt102)  
Cross Section

46-Pd-102  
-98.63 To 9999. %









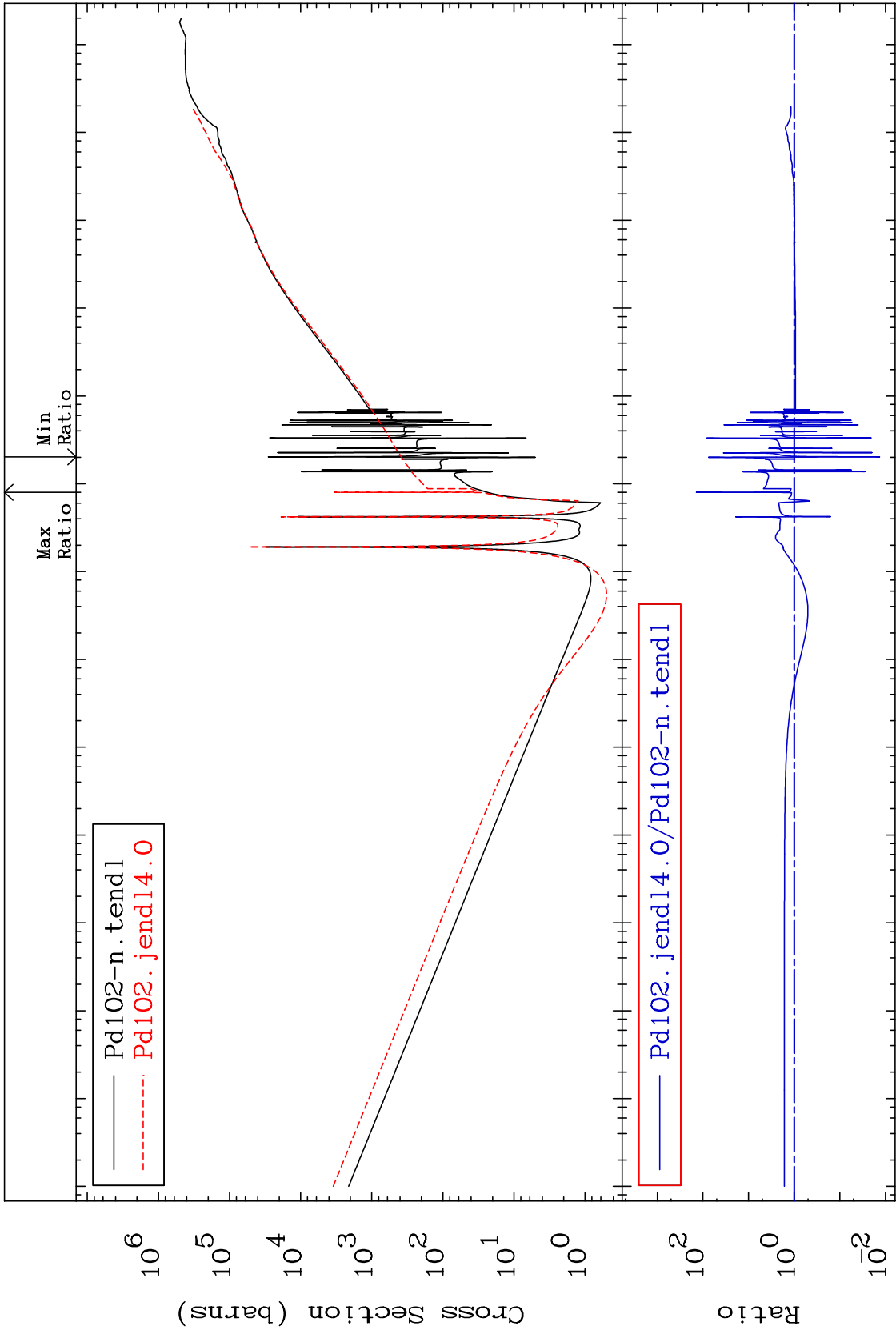
MAT 4625

Dpa total (eV-barns)

46-Pd-102

-98.65 To 9999. %

Cross Section



65

Incident Energy (eV)

46-Pd-102

MAT 4625

Dpa elastic (mt2)  
Cross Section

46-Pd-102  
-98.77 To 9999. %

