

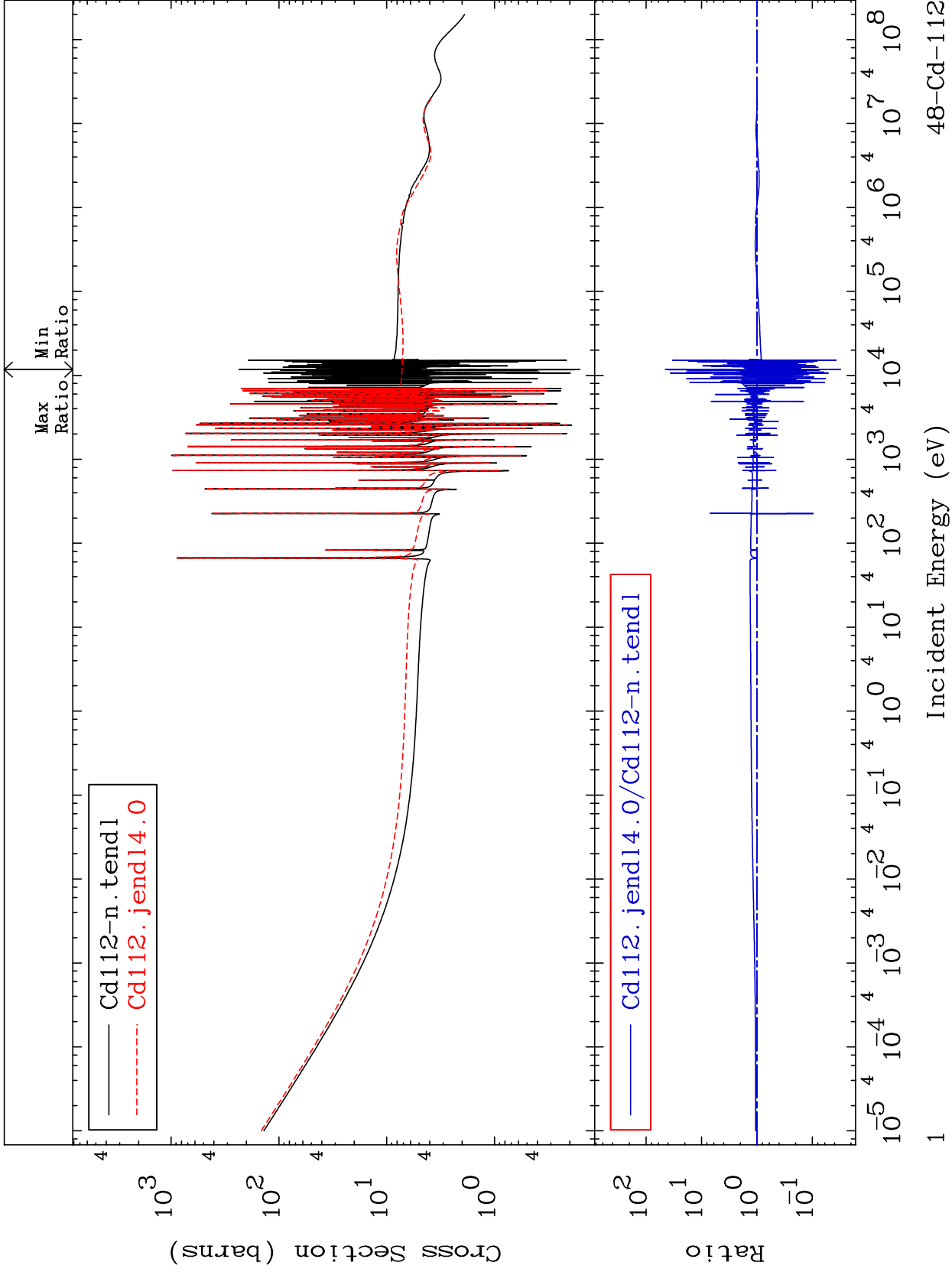
MAT 4843

Total

Cross Section

48-Cd-112

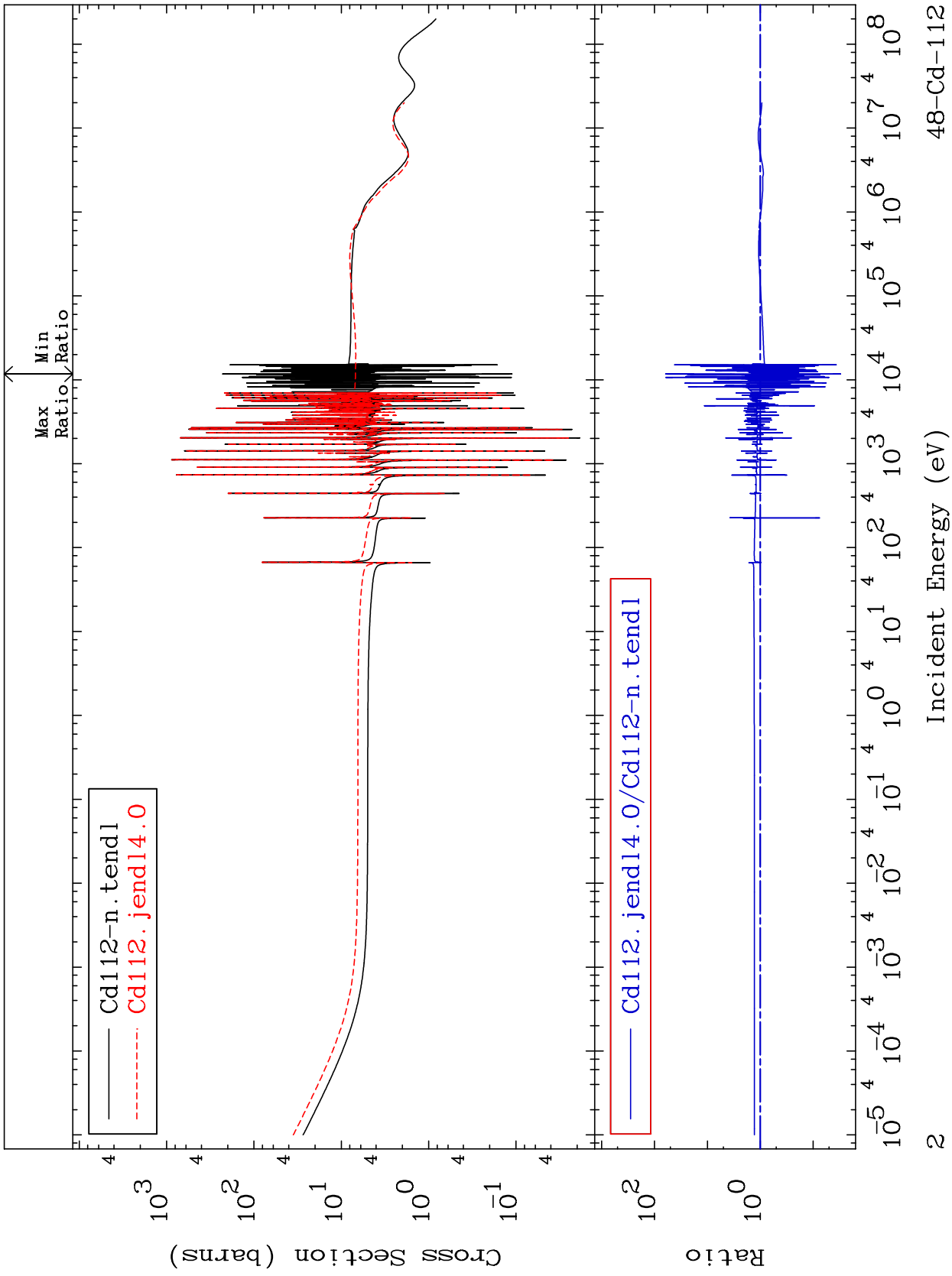
-96.91 To 4354. %



MAT 4843

Elastic  
Cross Section

48-Cd-112  
-96.98 To 6101. %



48-Cd-112

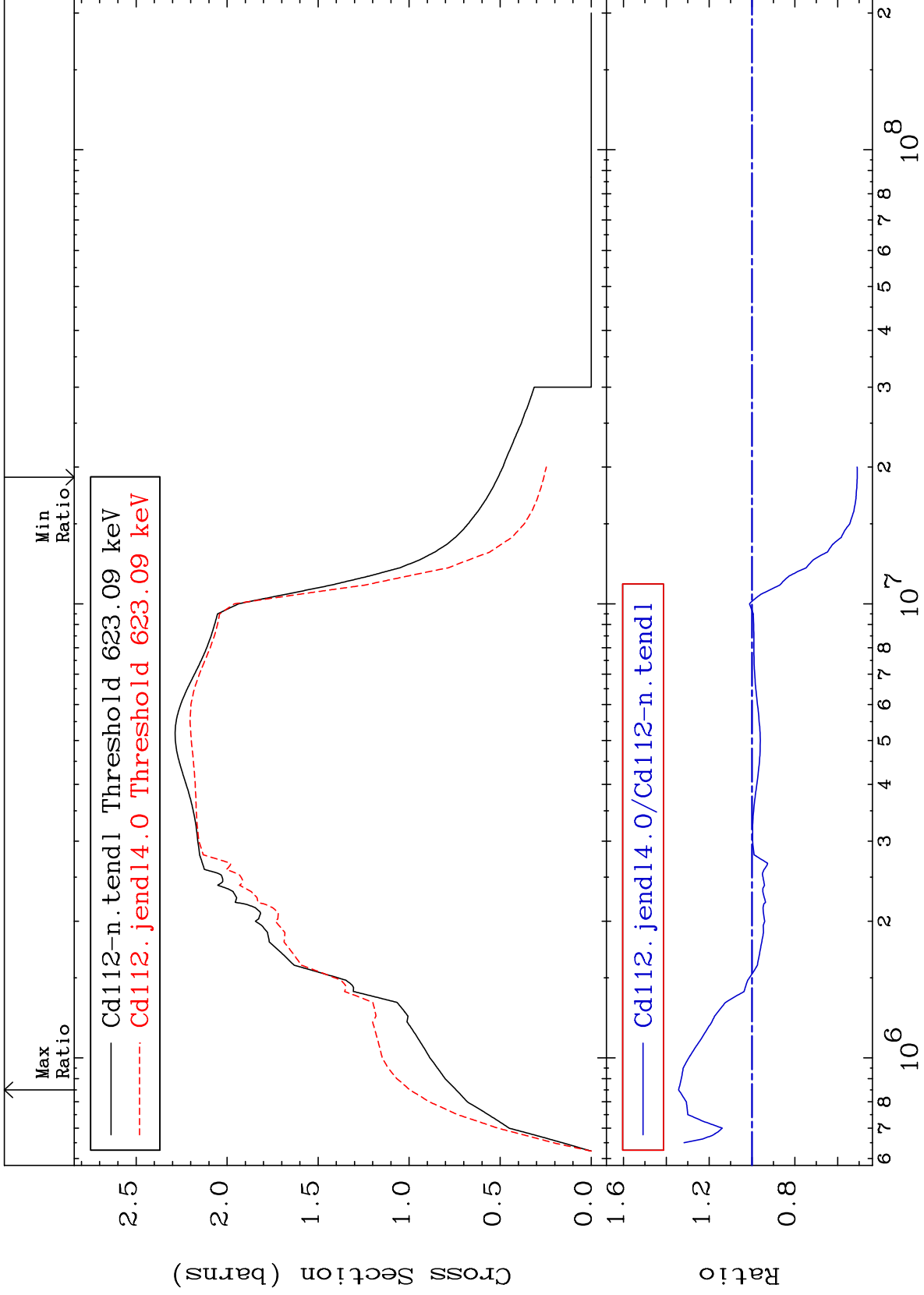
Incident Energy (eV)

2

MAT 4843

Inelastic  
Cross Section

48-Cd-112  
-49.17 To 34.27 %



3

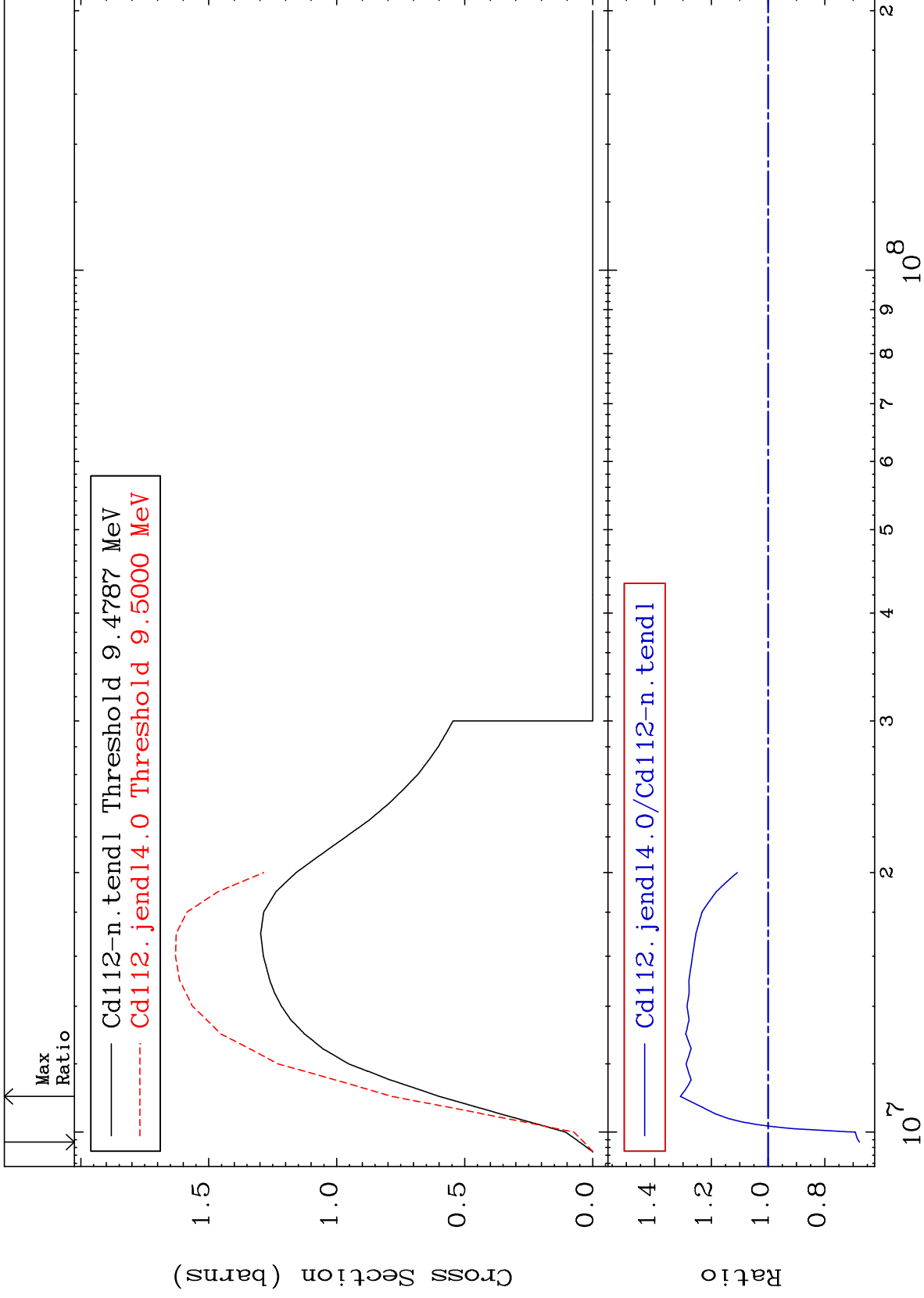
48-Cd-112

48-Cd-112

MAT 4843

(n,2n)  
Cross Section

48-Cd-112  
-32.23 To 30.94 %



4

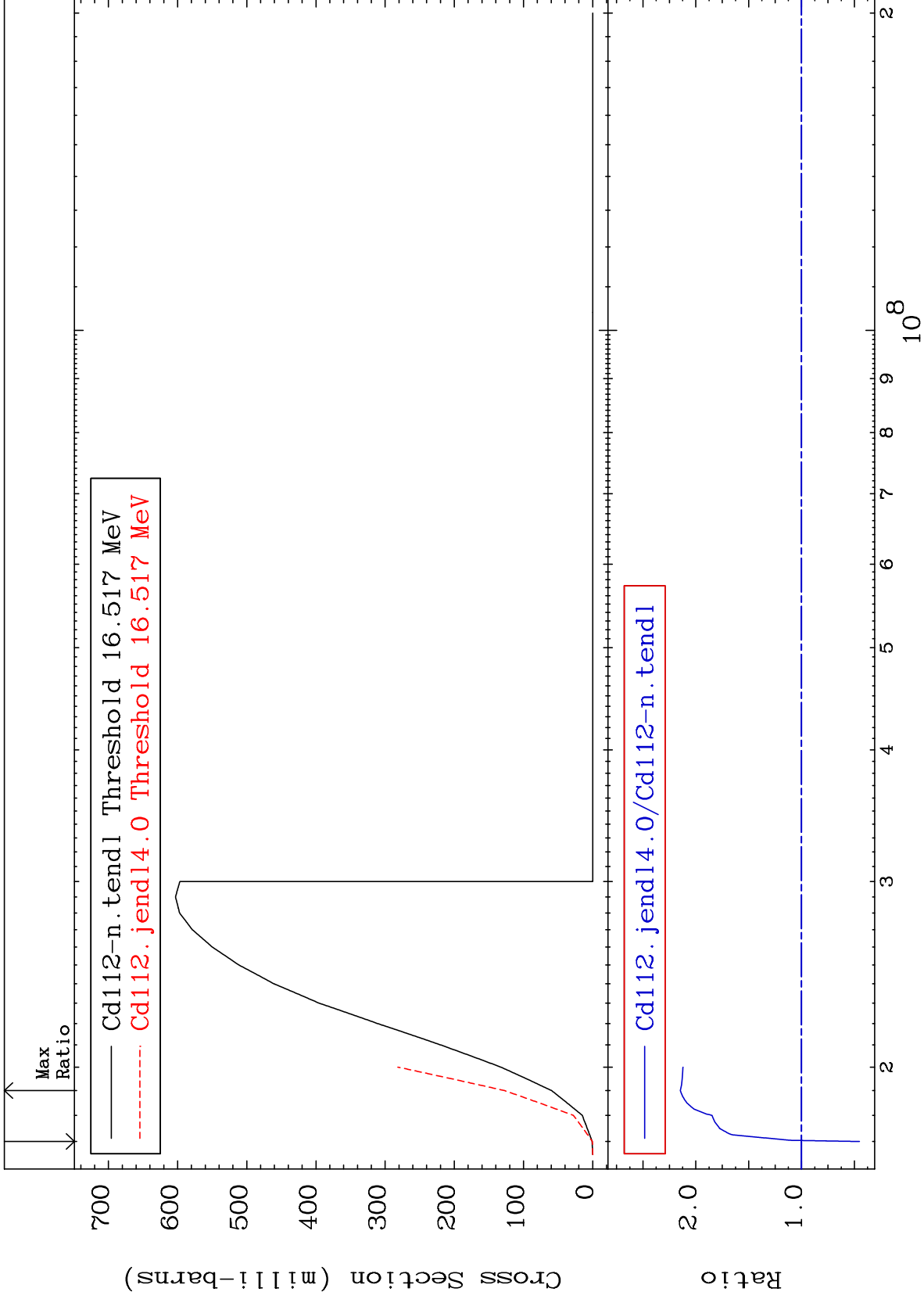
48-Cd-112

48-Cd-112

MAT 4843

(n,3n)  
Cross Section

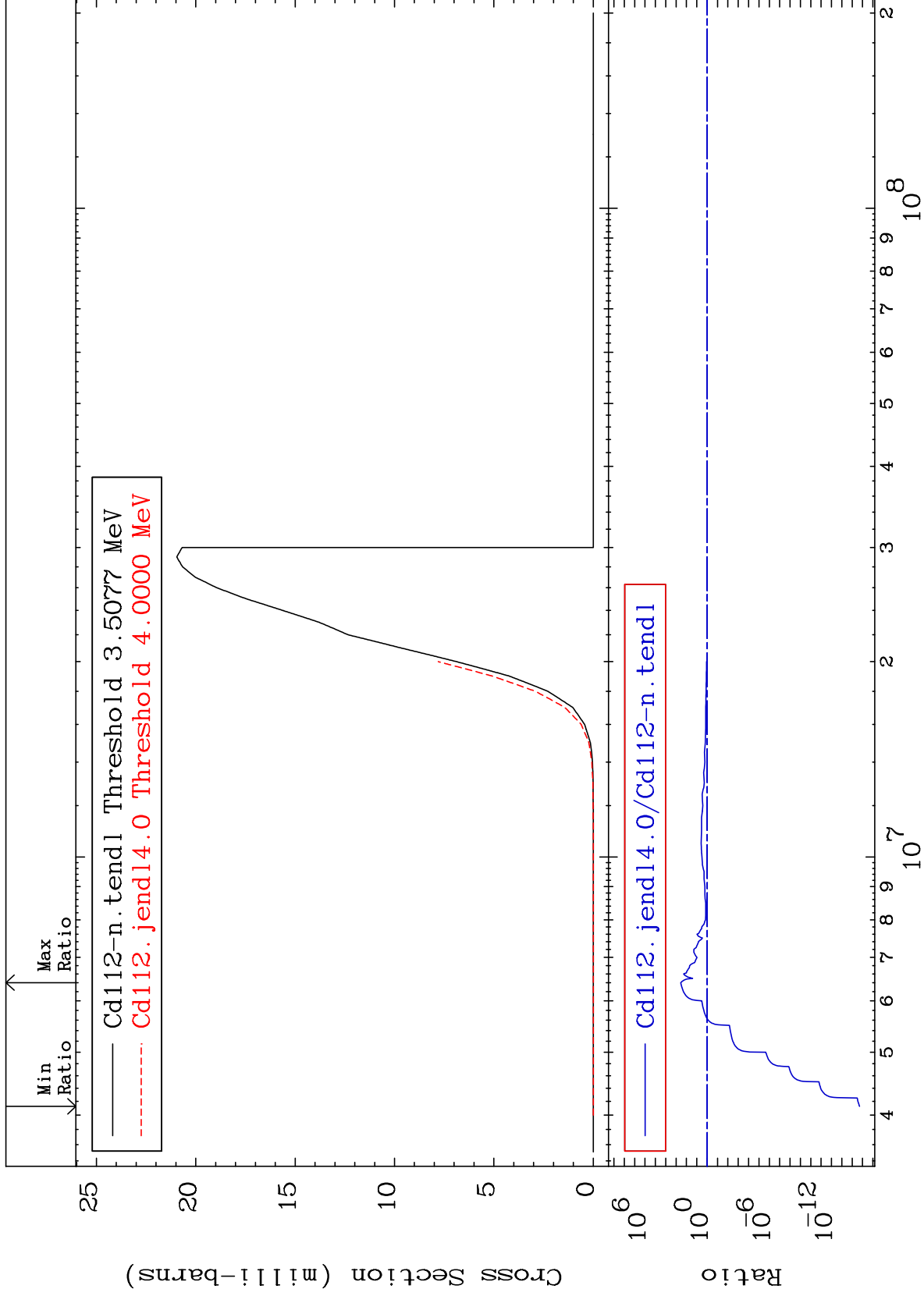
48-Cd-112  
-54.75 To 114.6 %



MAT 4843

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

48-Cd-112  
-100.0 To 9999. %



6

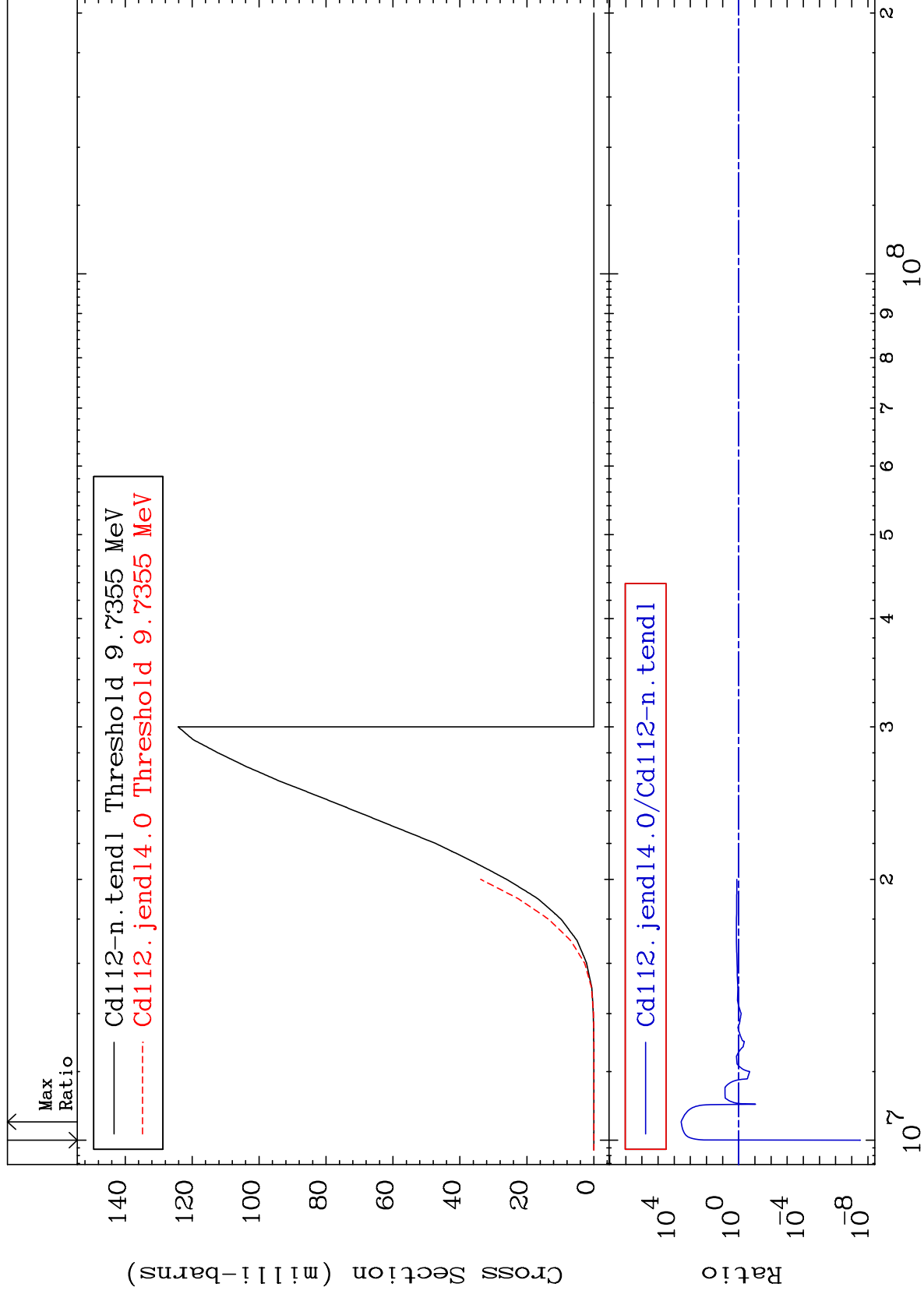
48-Cd-112

48-Cd-112

MAT 4843

(n,n') p  
Cross Section

48-Cd-112  
-100.0 To 9999. %



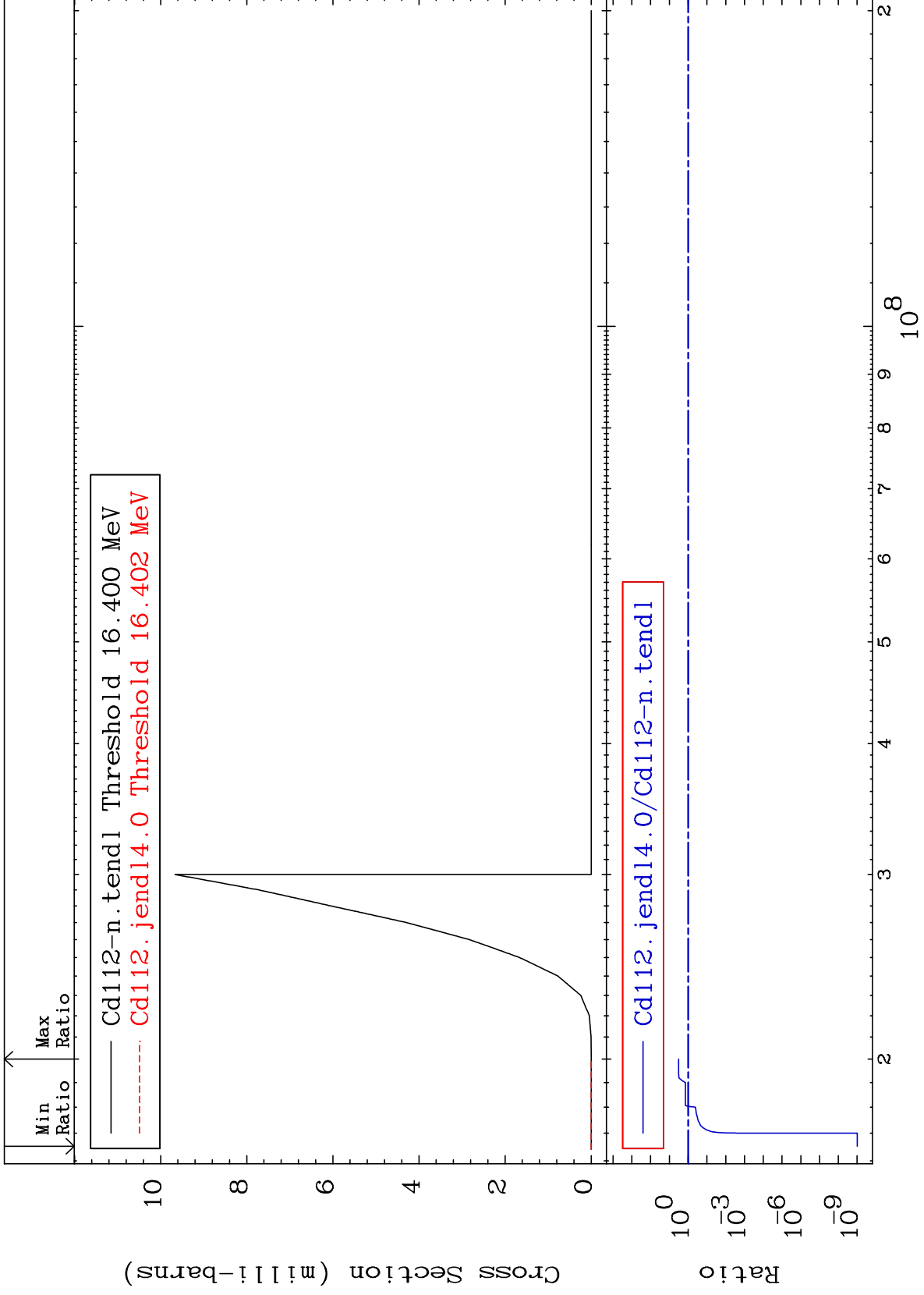
Incident Energy (eV)

48-Cd-112

MAT 4843

(n,n') d  
Cross Section

48-Cd-112  
-100.0 To 221.3 %

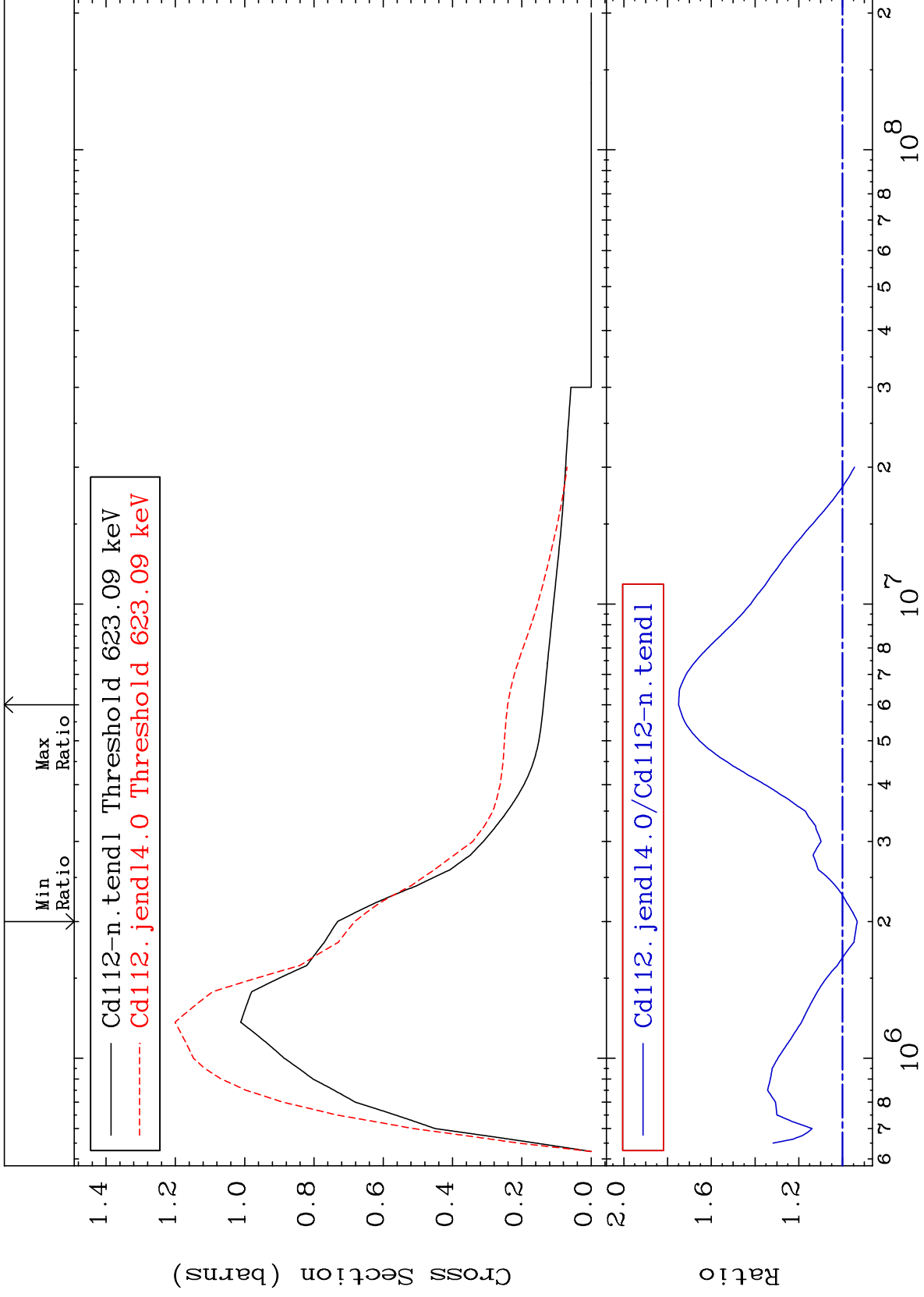




MAT 4843

617.5 keV (n,n') Level  
Cross Section

48-Cd-112  
-6.750 To 74.95 %



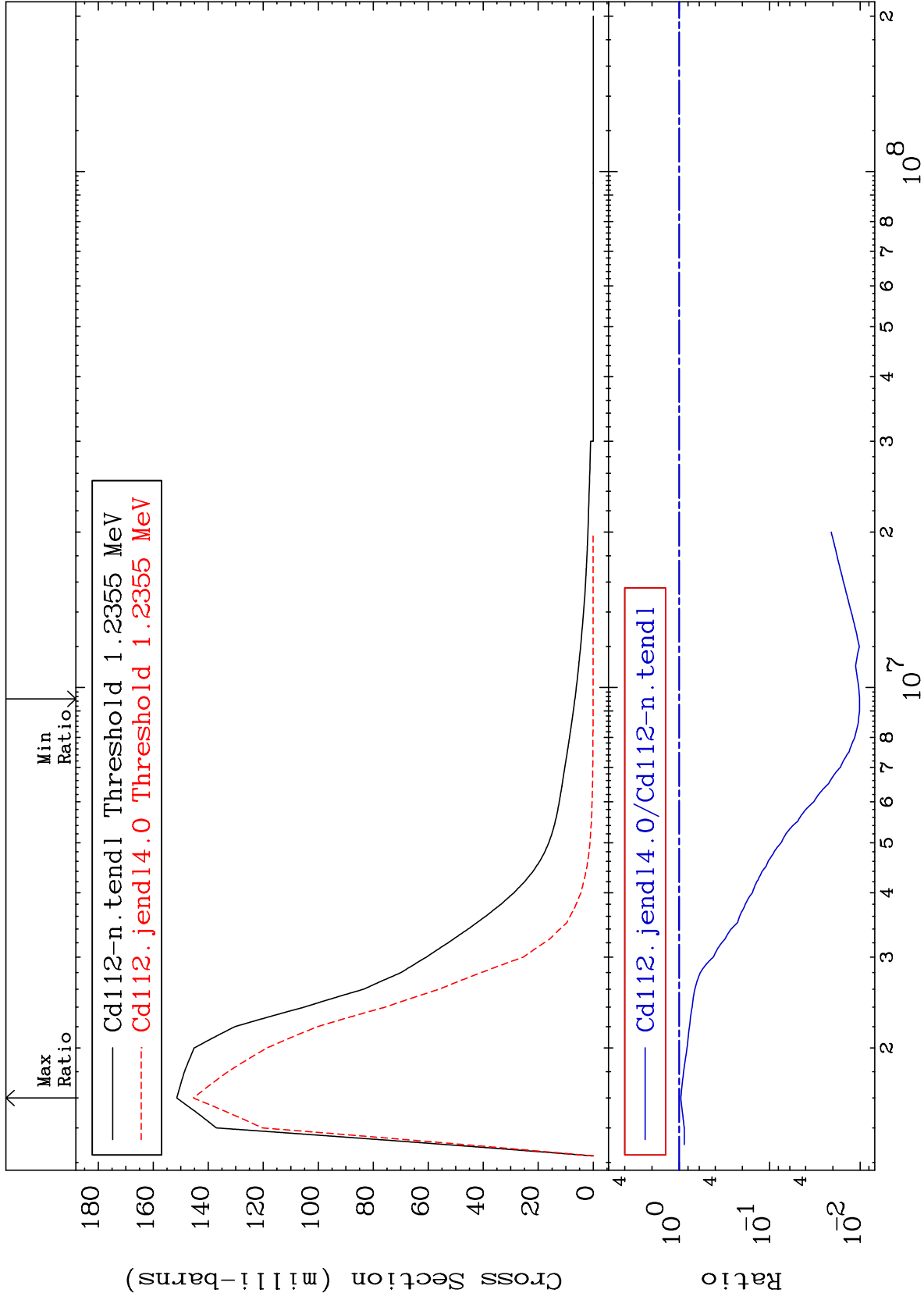
MAT 4843

1.224 MeV (n,n') Level

48-Cd-112

-98.98 To -4.004%

Cross Section



10

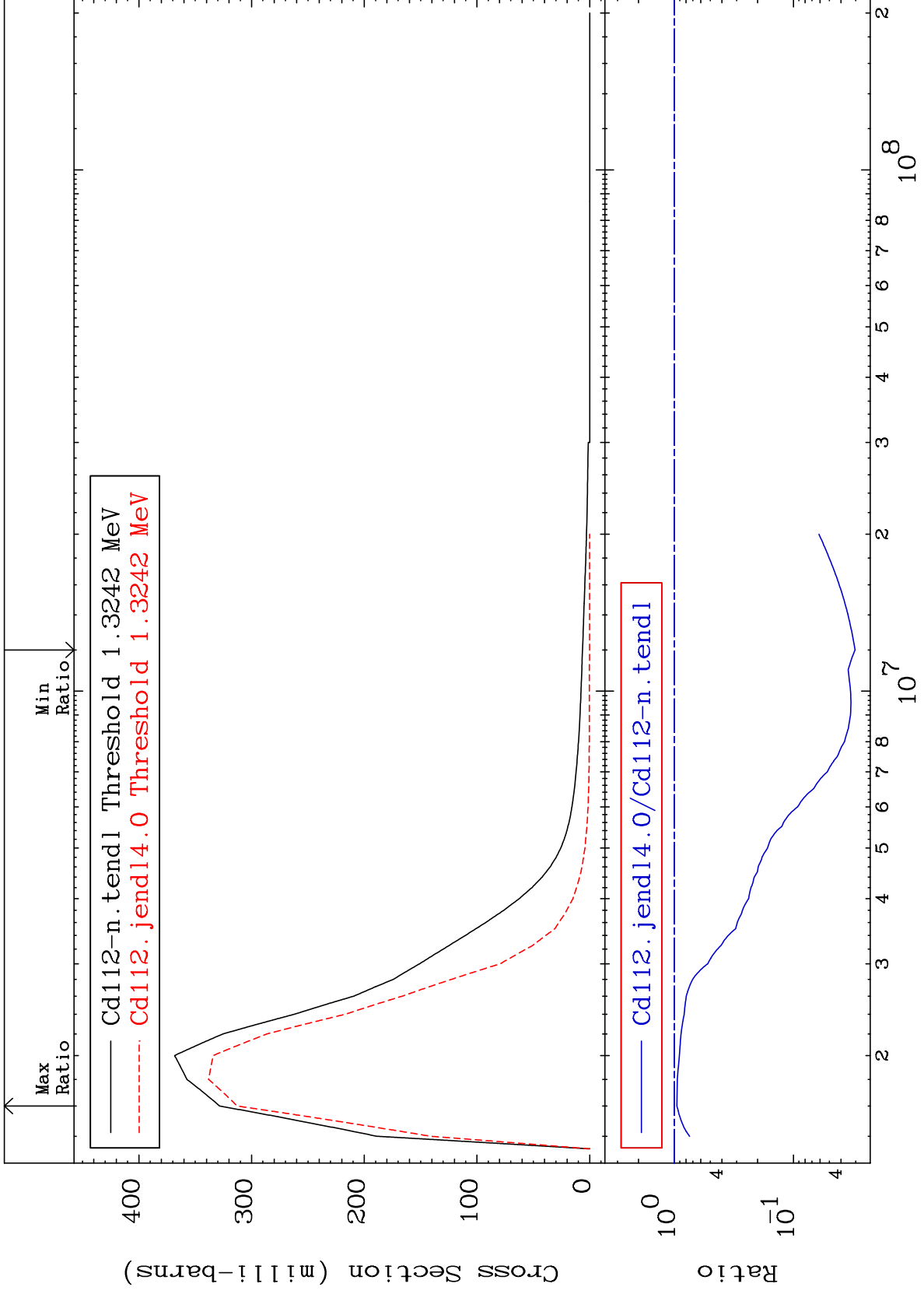
Incident Energy (eV)

48-Cd-112

MAT 4843

1.312 MeV (n,n') Level  
Cross Section

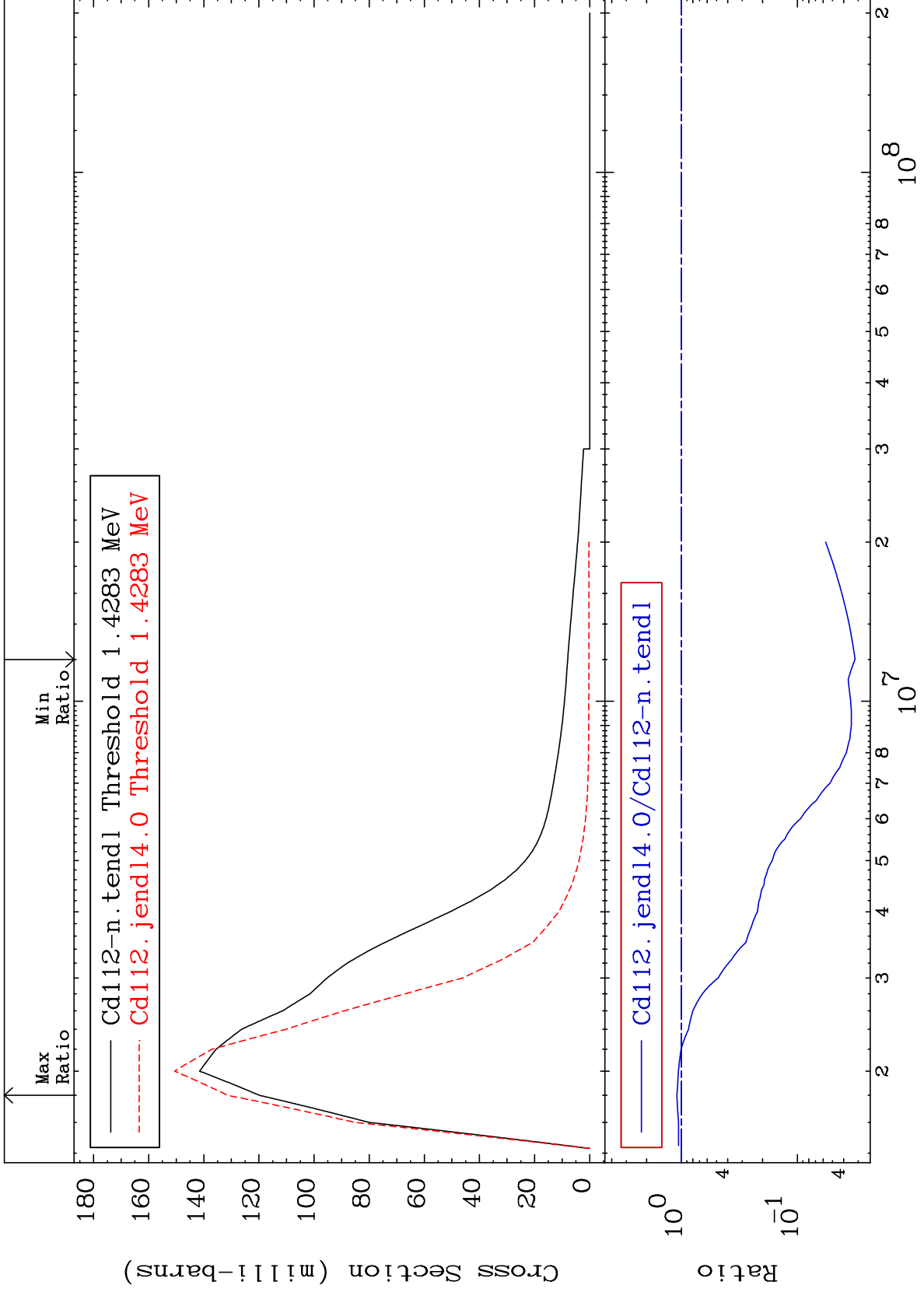
48-Cd-112  
-96.96 To -4.763%



MAT 4843

1.416 MeV (n,n') Level  
Cross Section

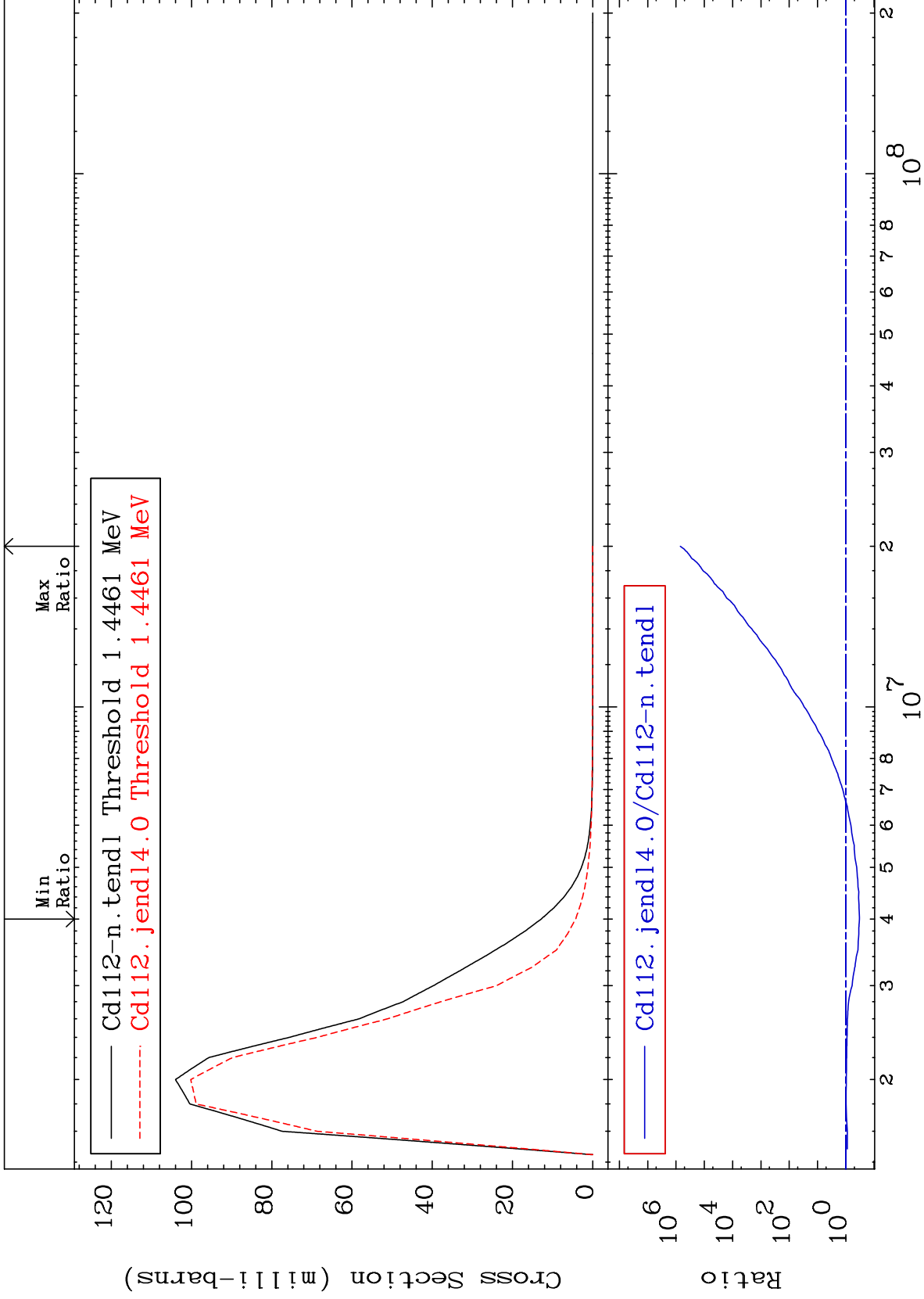
48-Cd-112  
-96.81 To 9.590 %



MAT 4843

1.433 MeV (n,n') Level  
Cross Section

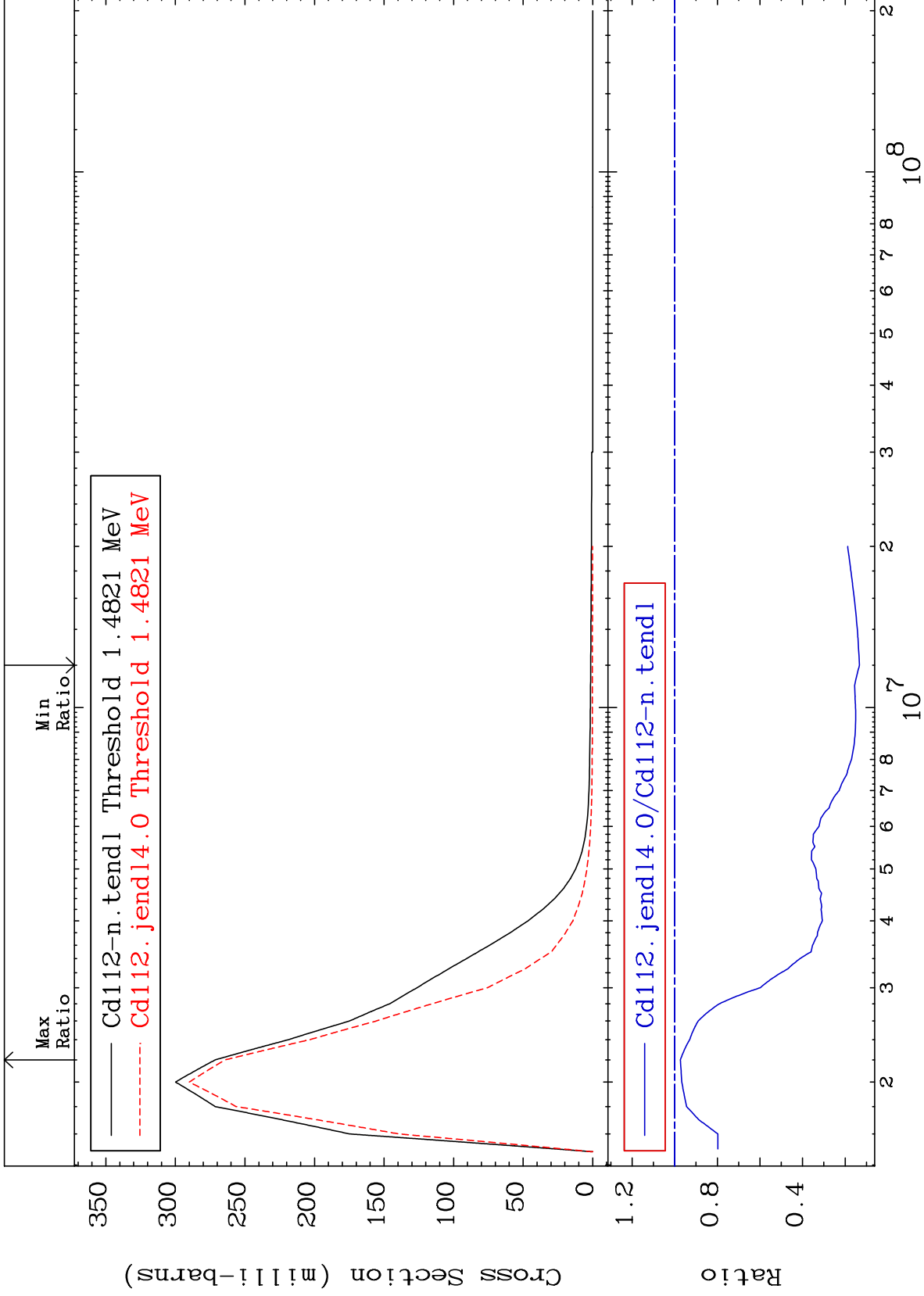
48-Cd-112  
-66.95 To 9999. %



MAT 4843

1.469 MeV (n,n') Level  
Cross Section

48-Cd-112  
-86.71 To -2.645%



14

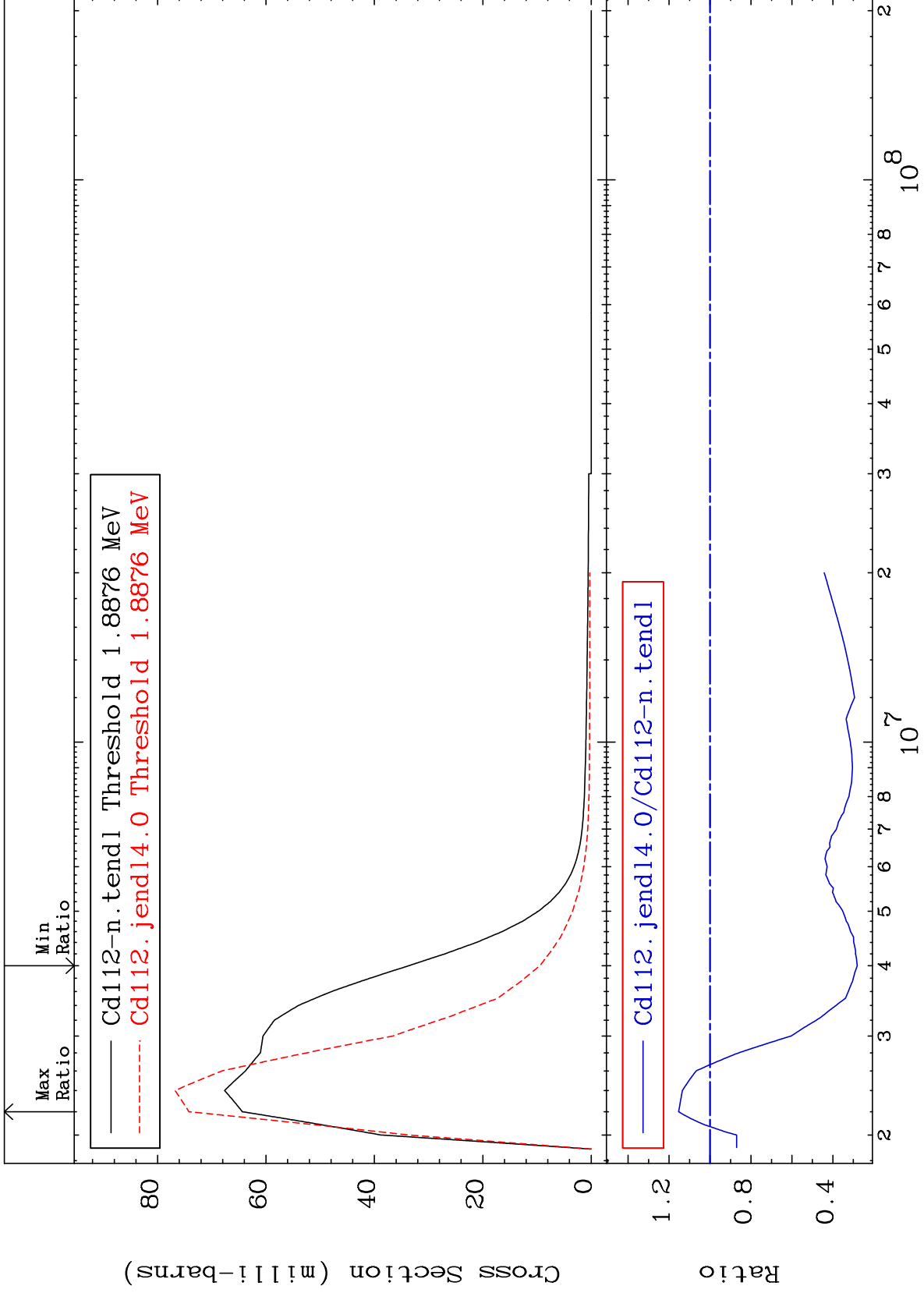
Incident Energy (eV)

48-Cd-112

MAT 4843

1.871 MeV (n,n') Level  
Cross Section

48-Cd-112  
-71.89 To 15.34 %



15

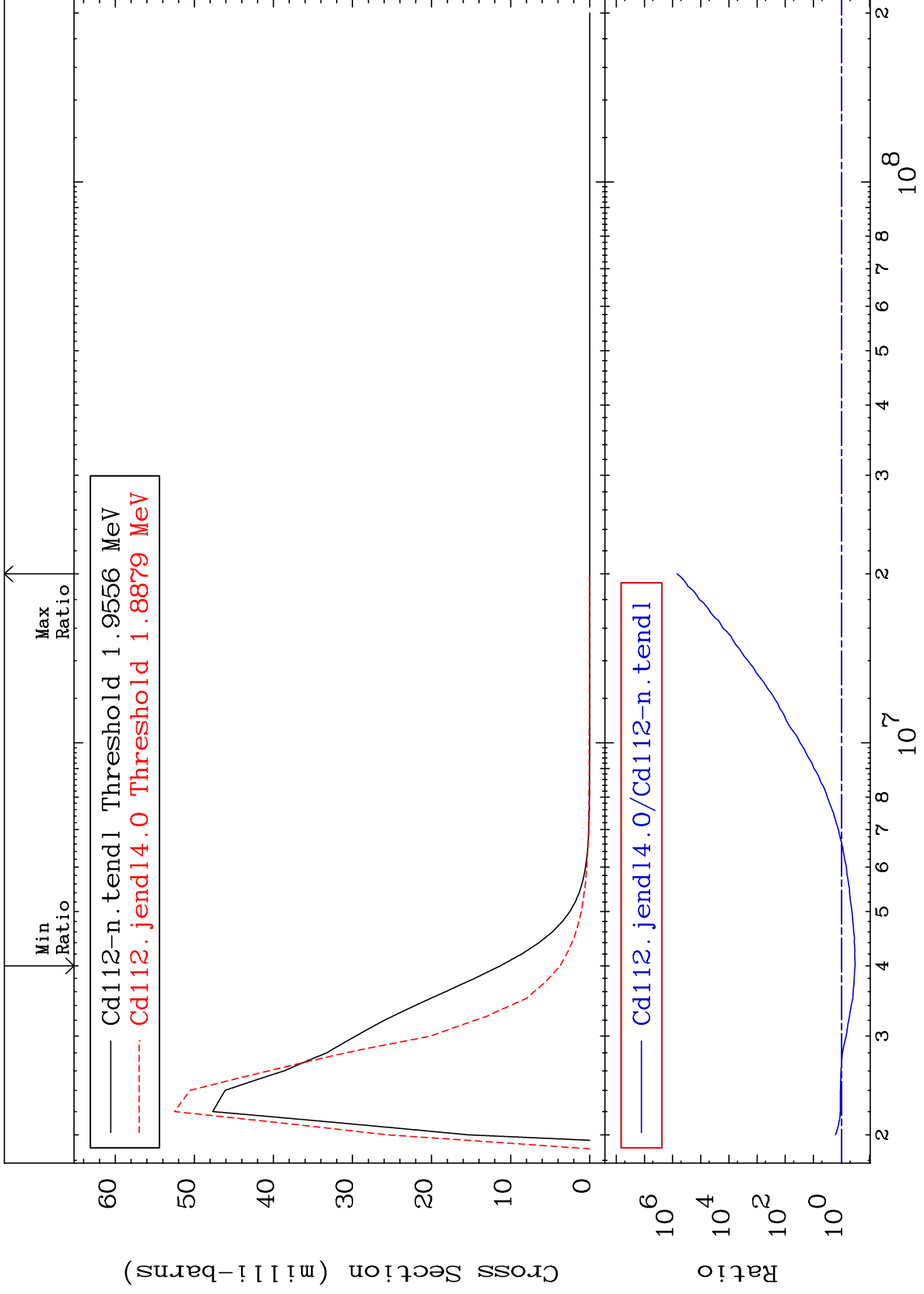
Incident Energy (eV)

48-Cd-112

MAT 4843

1.938 MeV (n,n') Level  
Cross Section

48-Cd-112  
-66.98 To 9999. %



16

Incident Energy (eV)

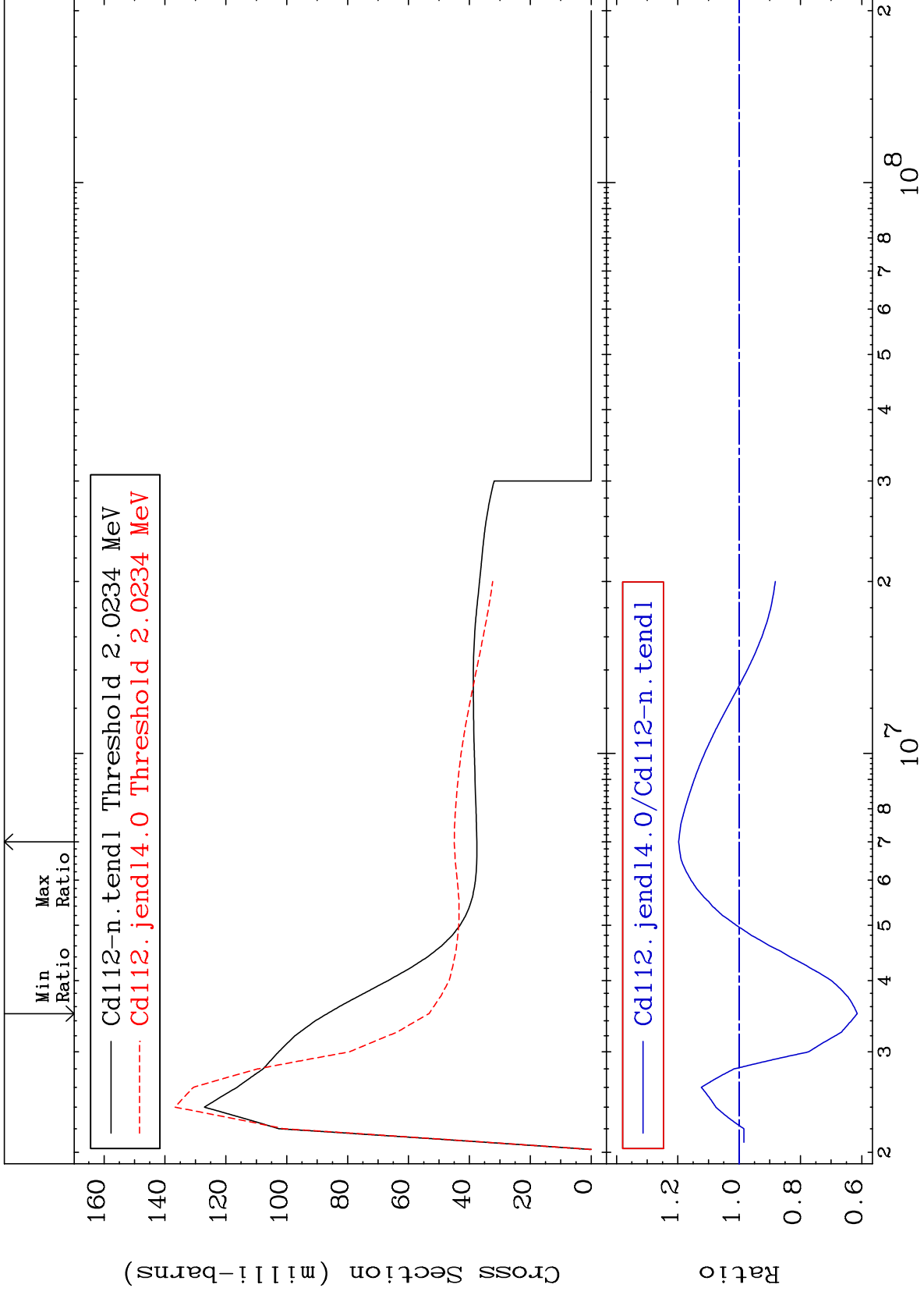
48-Cd-112



MAT 4843

2.005 MeV (n,n') Level  
Cross Section

48-Cd-112  
-38.54 To 19.74 %



17

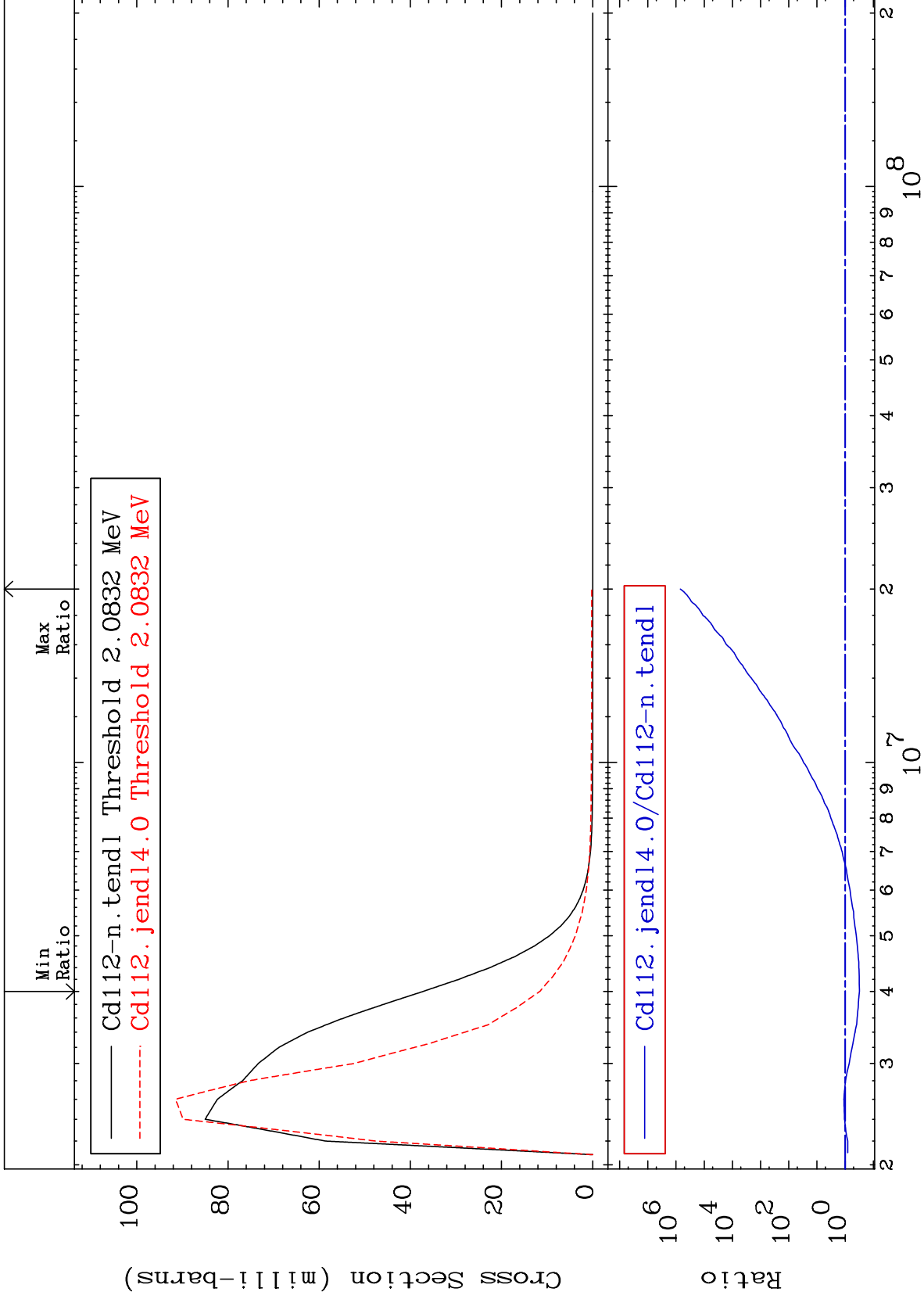
Incident Energy (eV)

48-Cd-112

MAT 4843

2.065 MeV (n,n') Level  
Cross Section

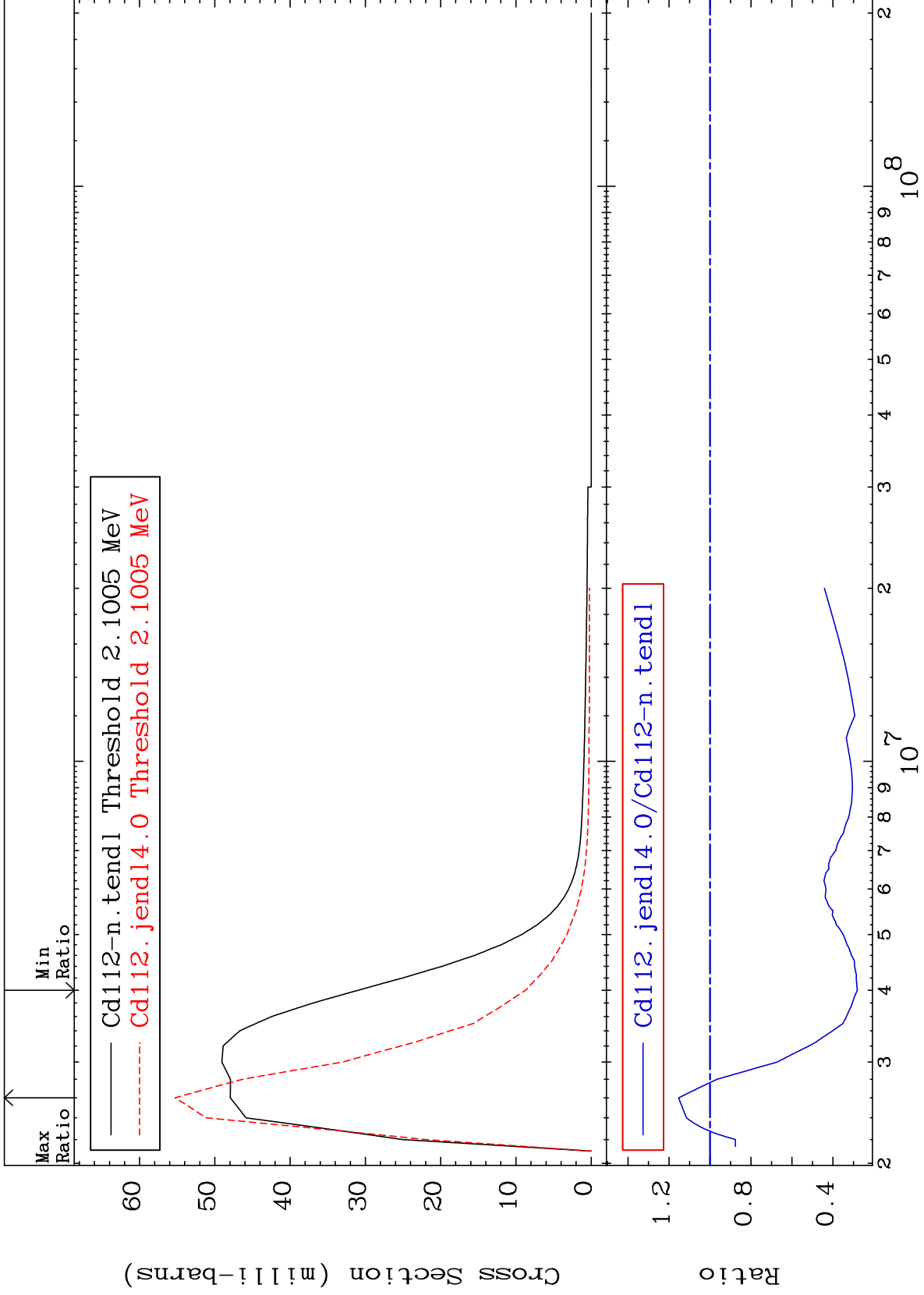
48-Cd-112  
-68.80 To 9999. %



MAT 4843

2.082 MeV (n,n') Level  
Cross Section

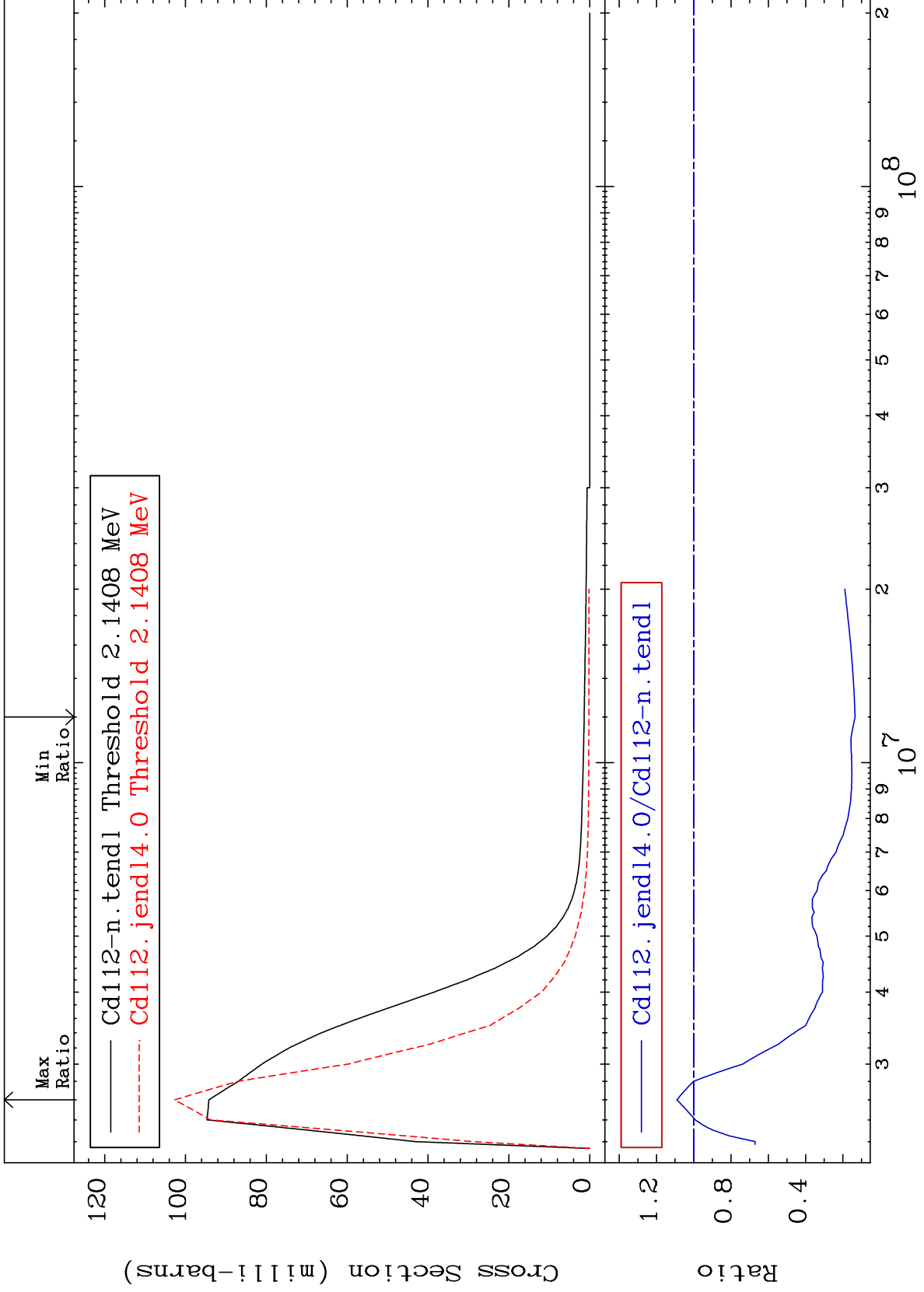
48-Cd-112  
-71.84 To 15.31 %



MAT 4843

2.122 MeV (n,n') Level  
Cross Section

48-Cd-112  
-86.54 To 9.025 %



20

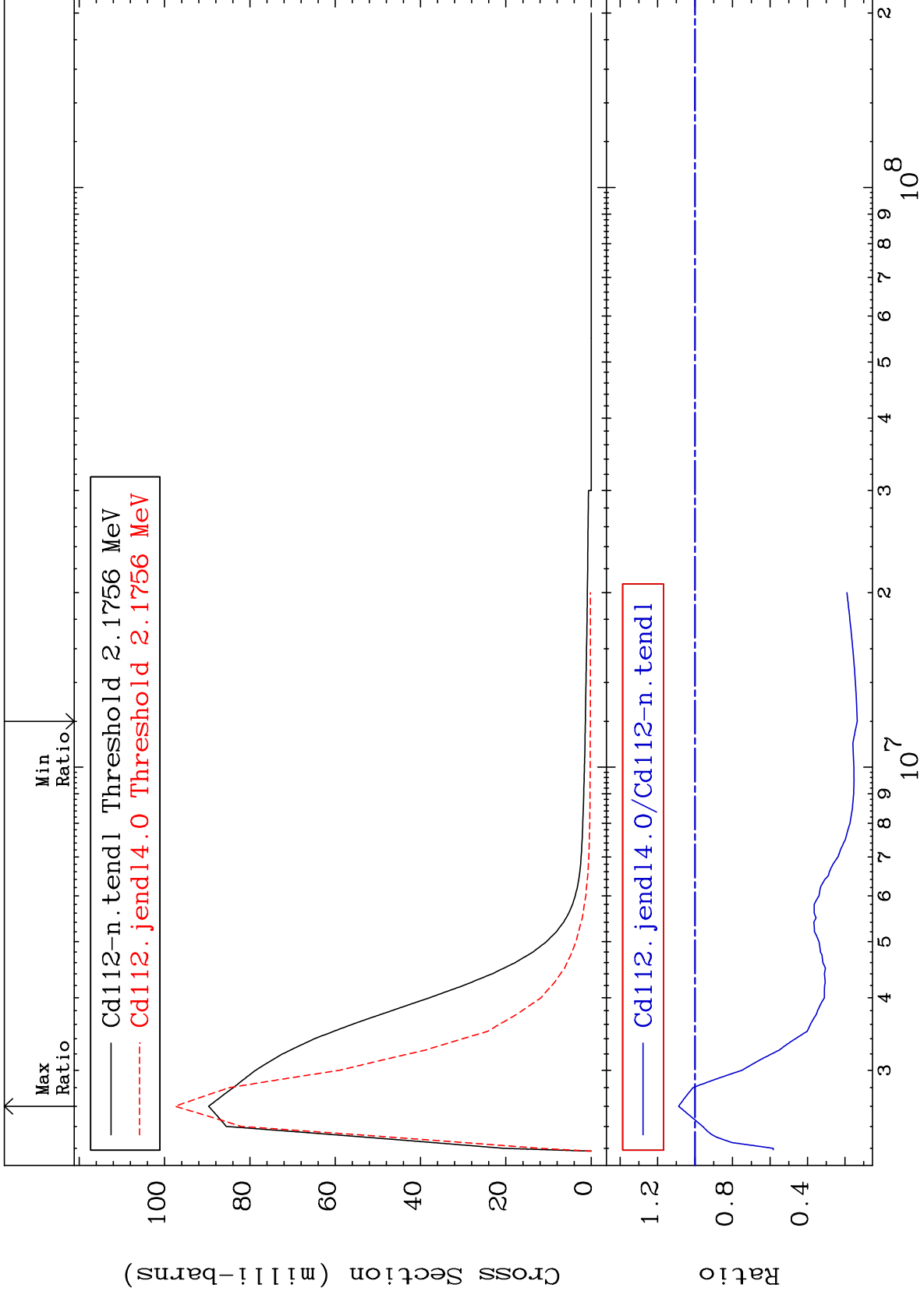
Incident Energy (eV)

48-Cd-112

MAT 4843

2.156 MeV (n,n') Level  
Cross Section

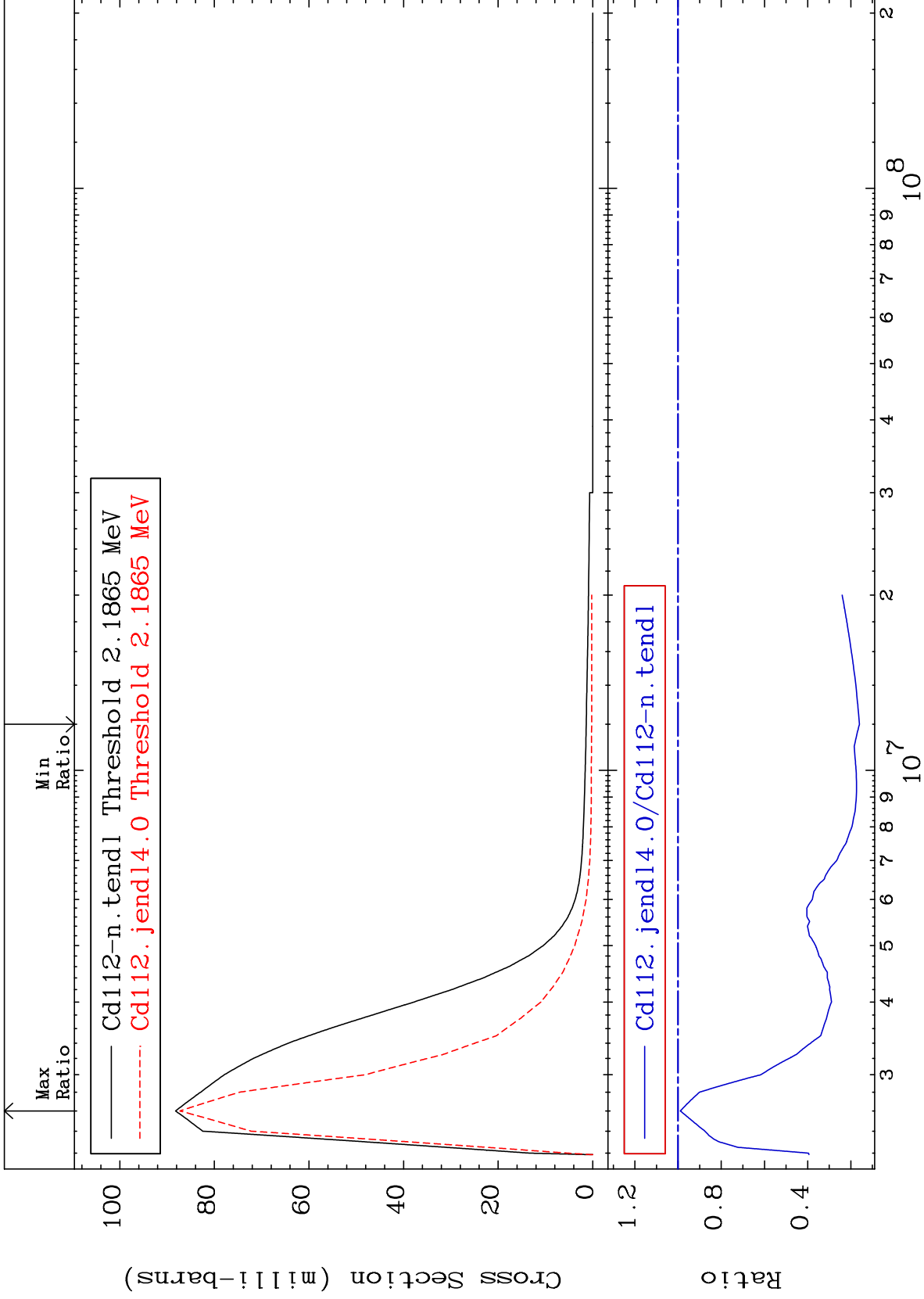
48-Cd-112  
-86.53 To 8.766 %



MAT 4843

2.167 MeV (n,n') Level  
Cross Section

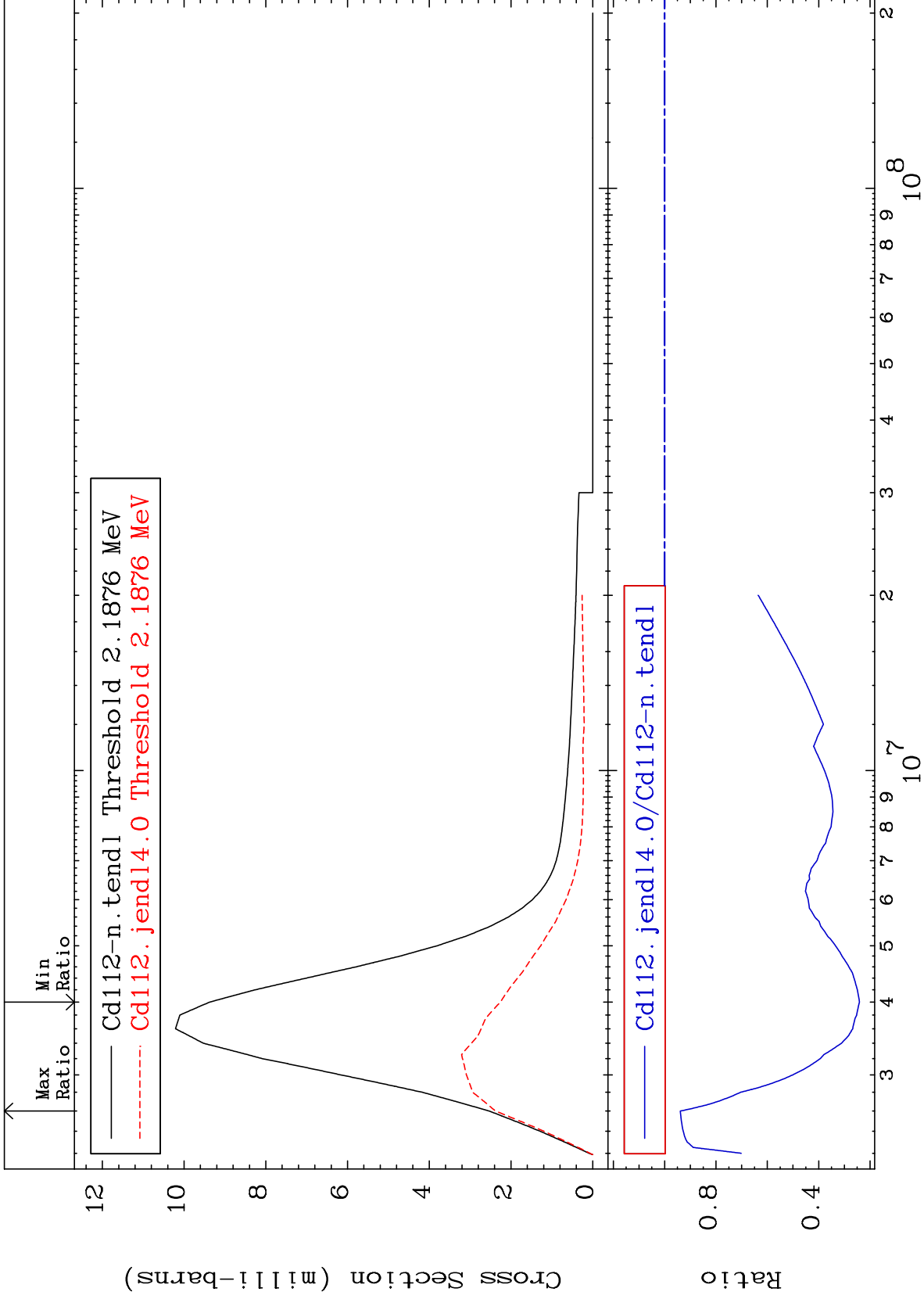
48-Cd-112  
-83.99 To -1.047%



MAT 4843

2.168 MeV (n,n') Level  
Cross Section

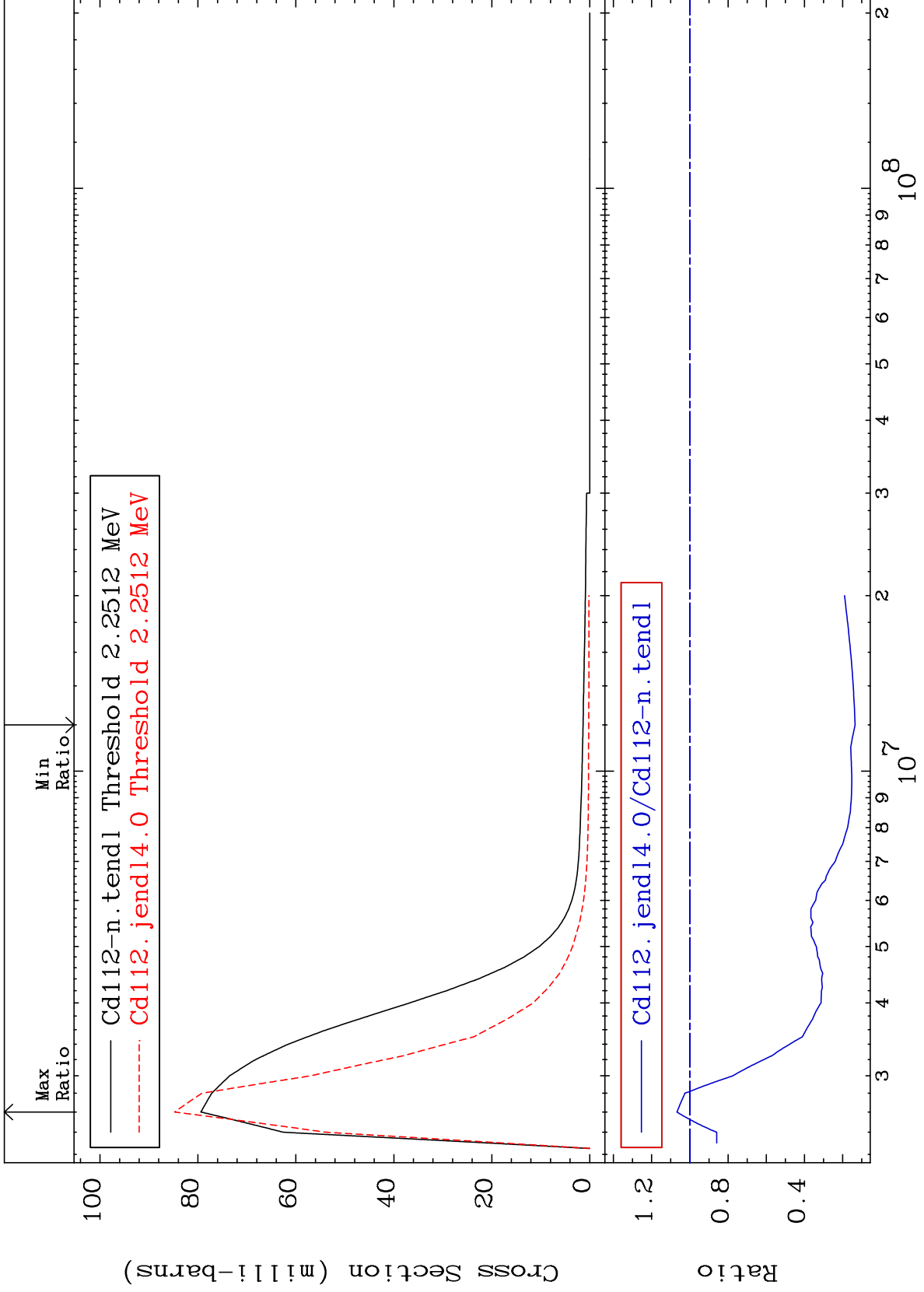
48-Cd-112  
-75.87 To -6.120%



MAT 4843

2.231 MeV (n,n') Level  
Cross Section

48-Cd-112  
-86.50 To 6.761 %

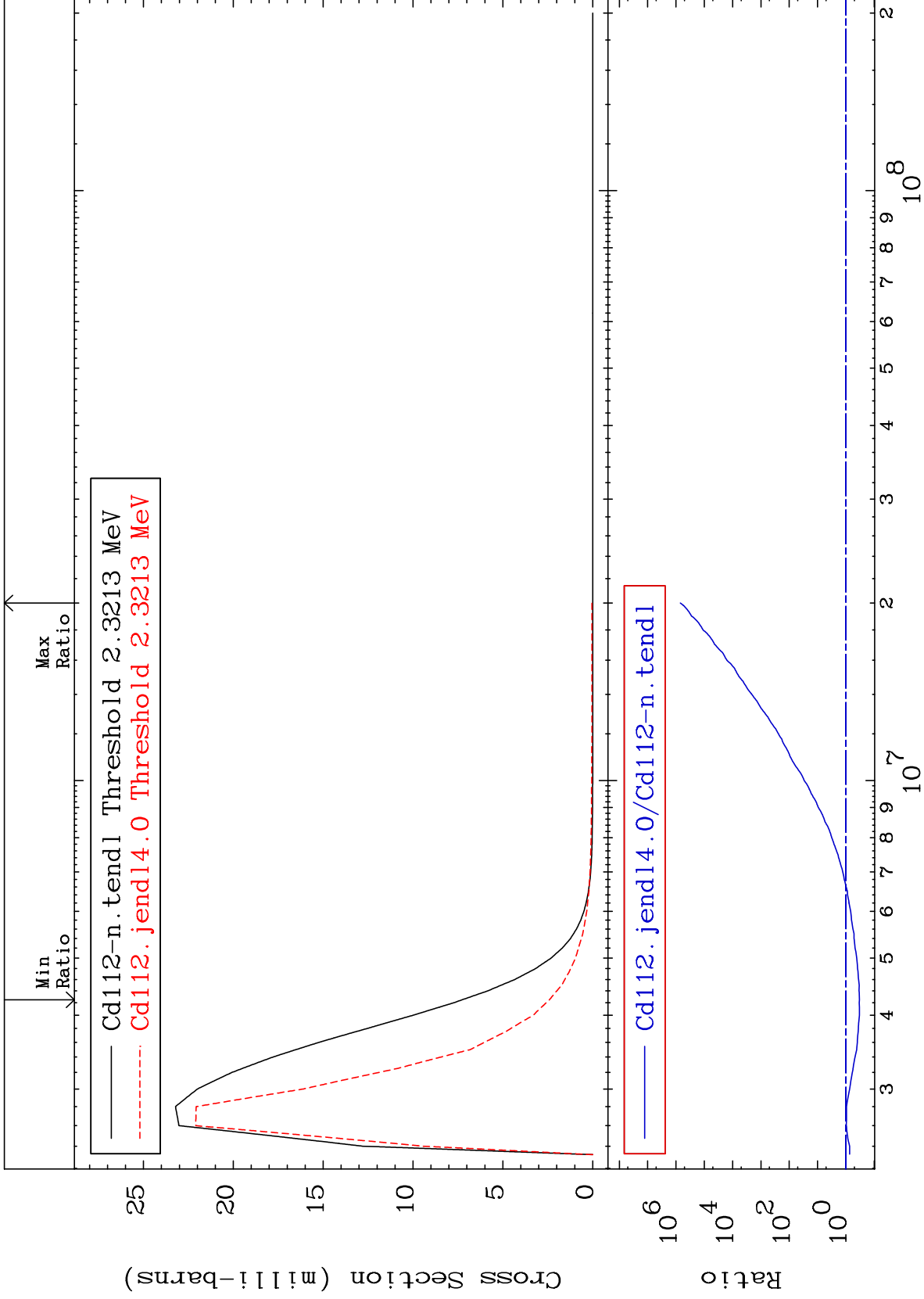




MAT 4843

2.301 MeV (n,n') Level  
Cross Section

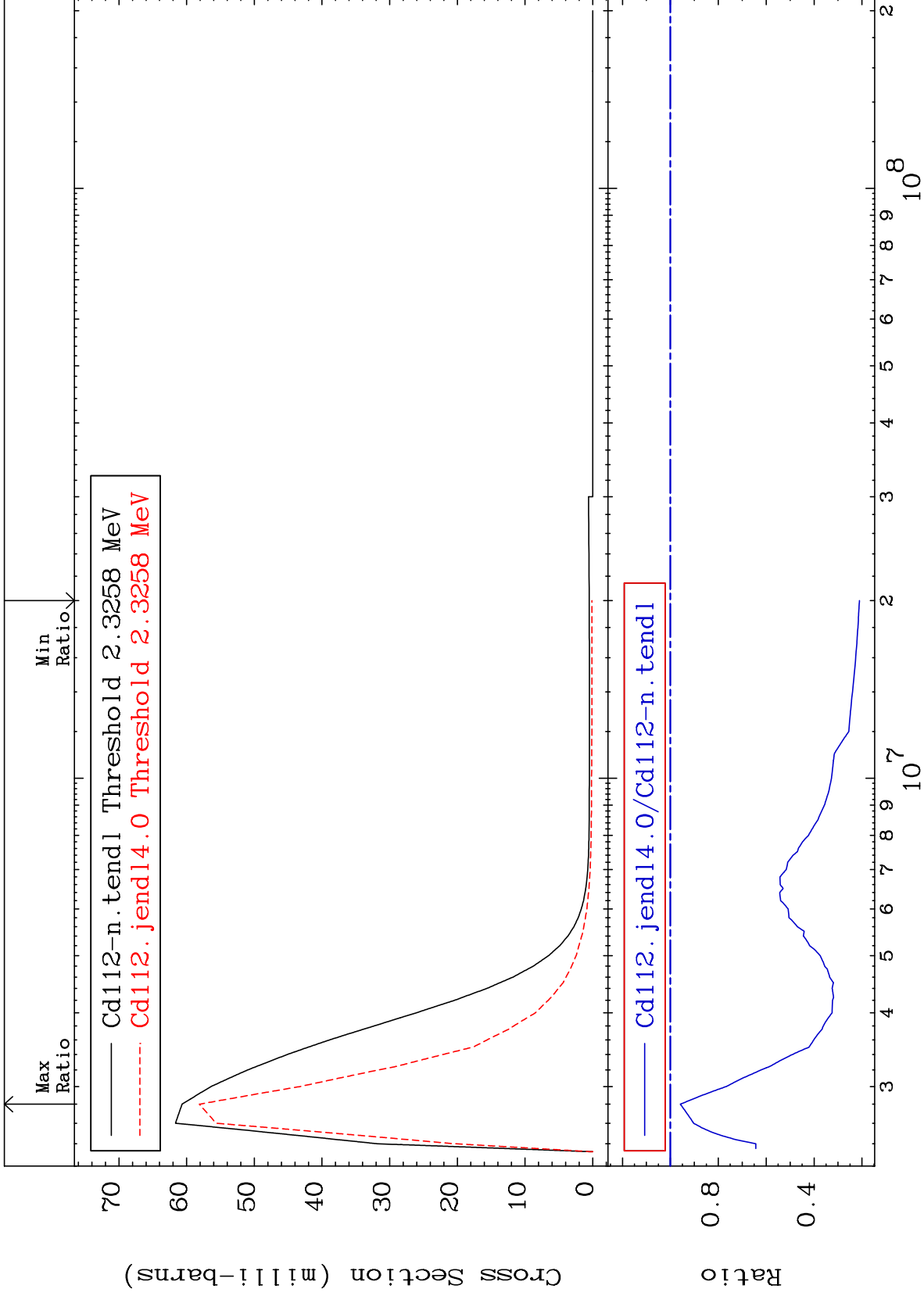
48-Cd-112  
-66.83 To 9999. %



MAT 4843

2.305 MeV (n,n') Level  
Cross Section

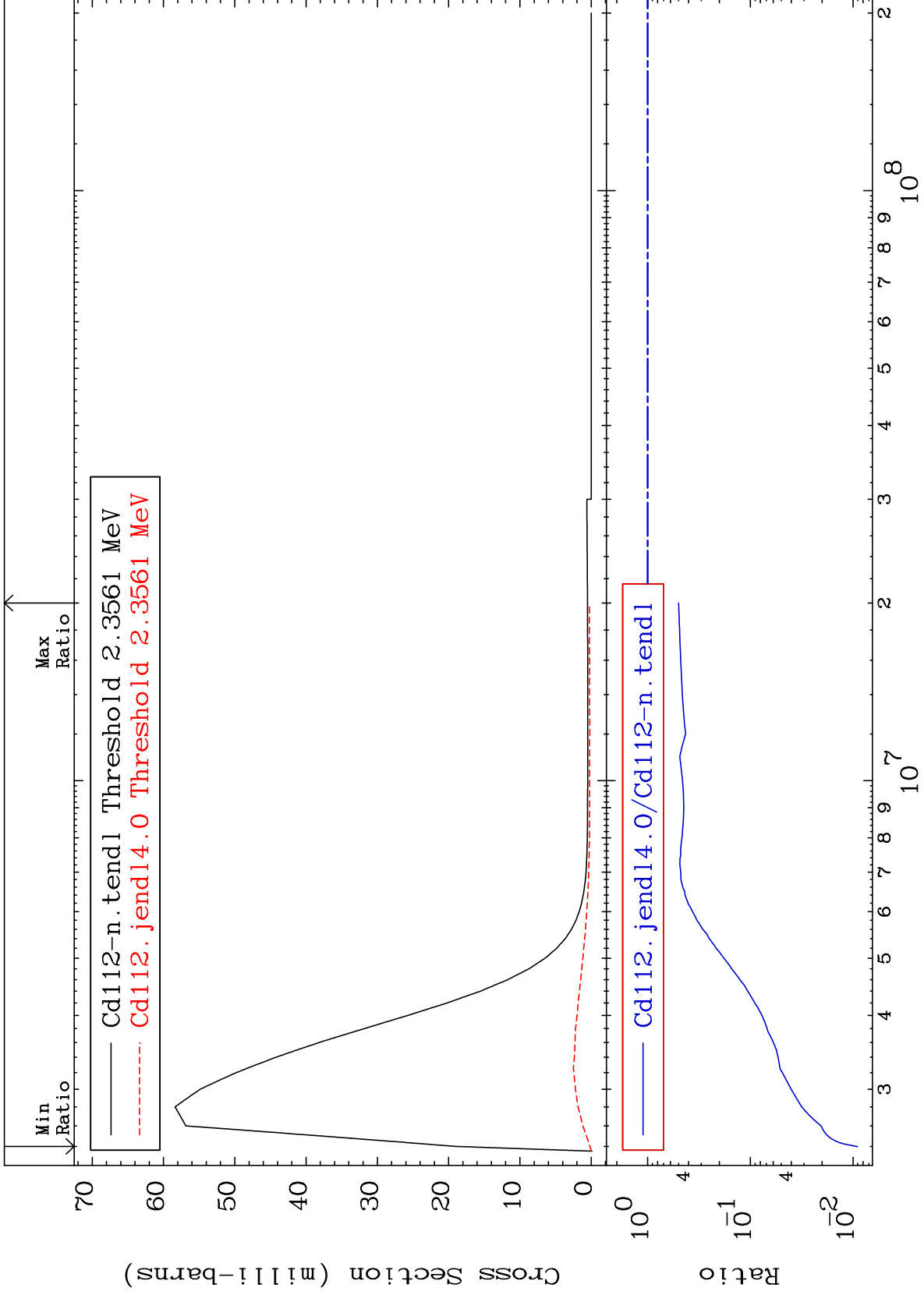
48-Cd-112  
-78.94 To -4.174%



MAT 4843

2.335 MeV (n,n') Level  
Cross Section

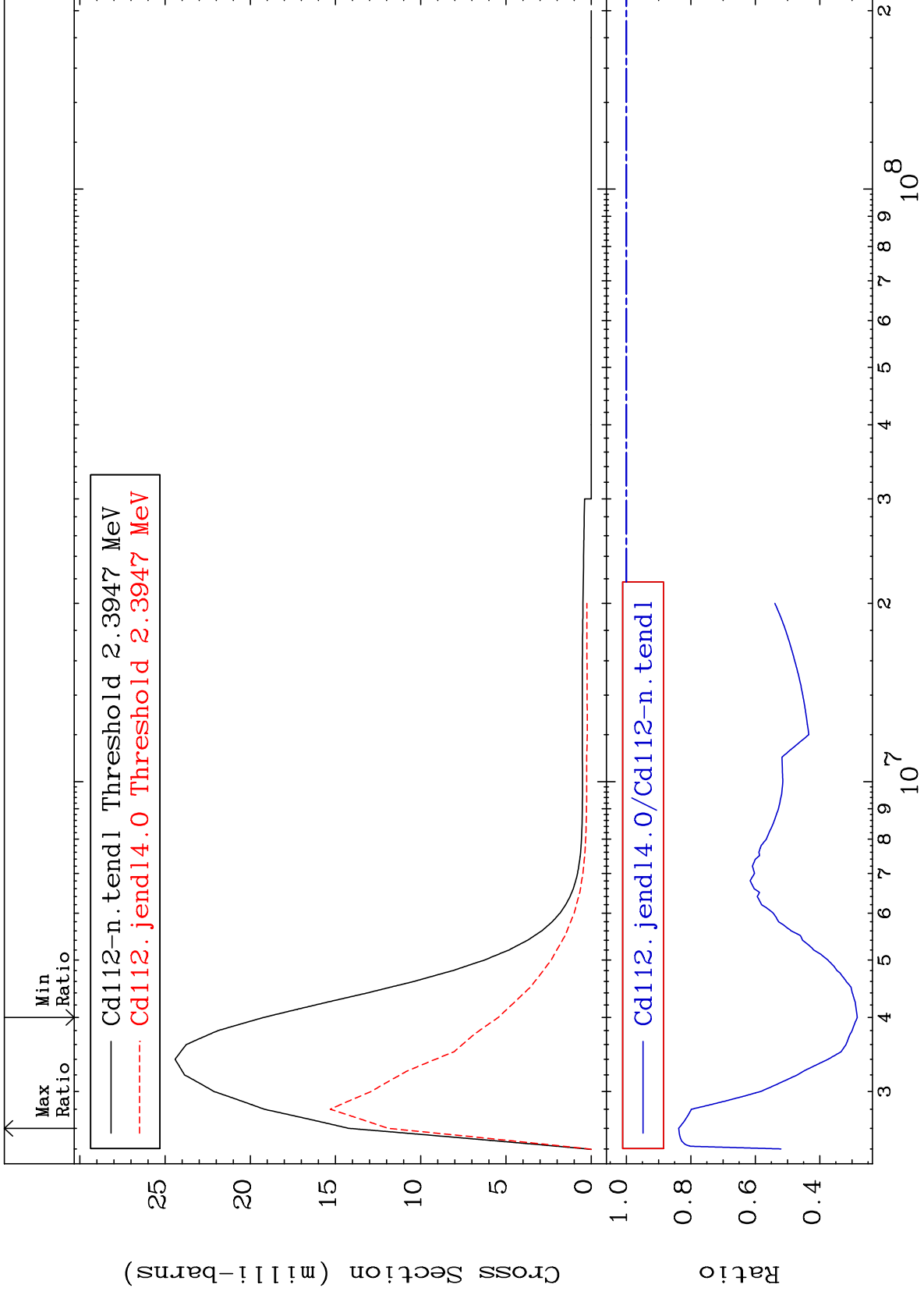
48-Cd-112  
-99.09 To -50.08%



MAT 4843

2.373 MeV (n,n') Level  
Cross Section

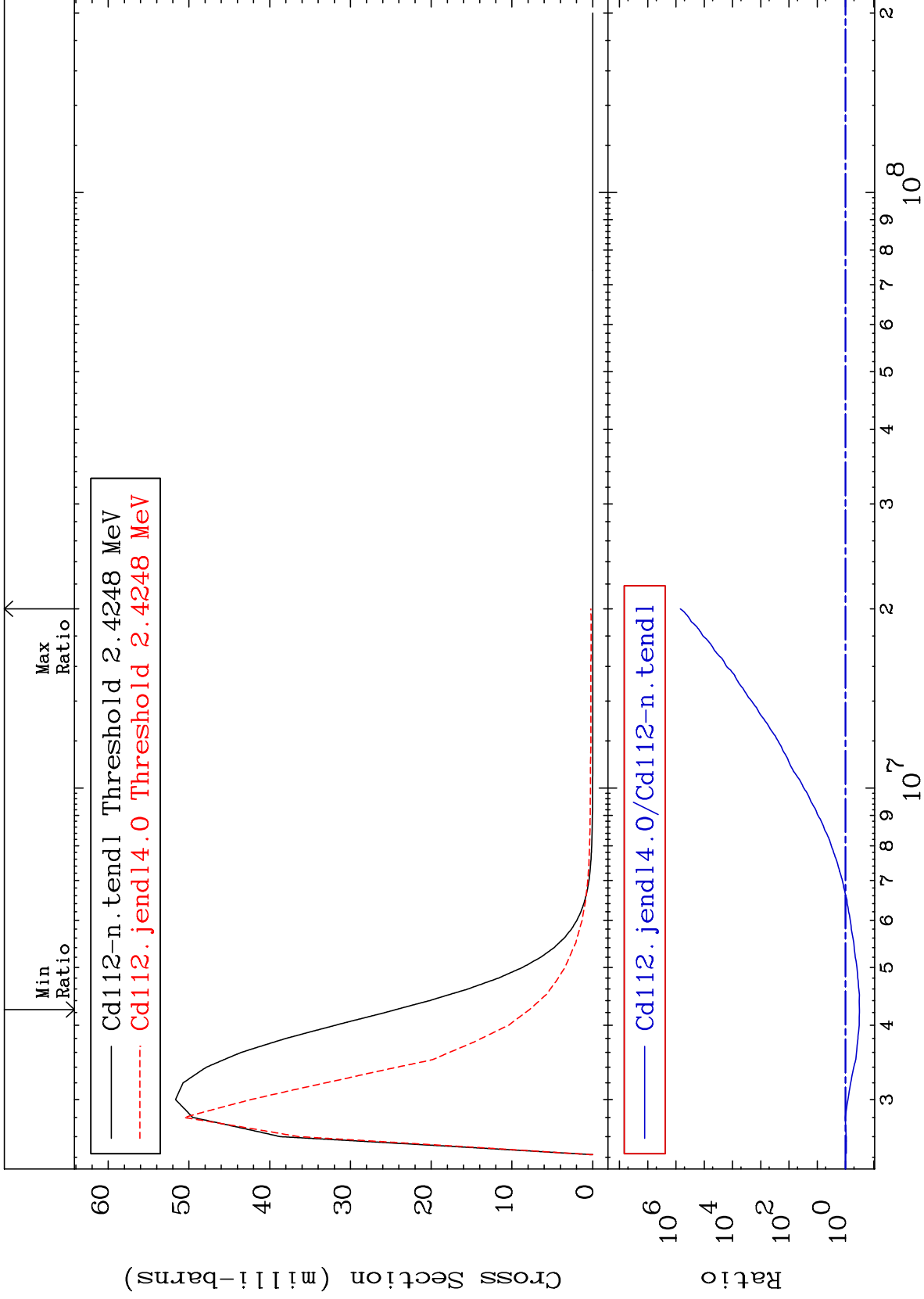
48-Cd-112  
-71.62 To -16.22%



MAT 4843

2.403 MeV (n,n') Level  
Cross Section

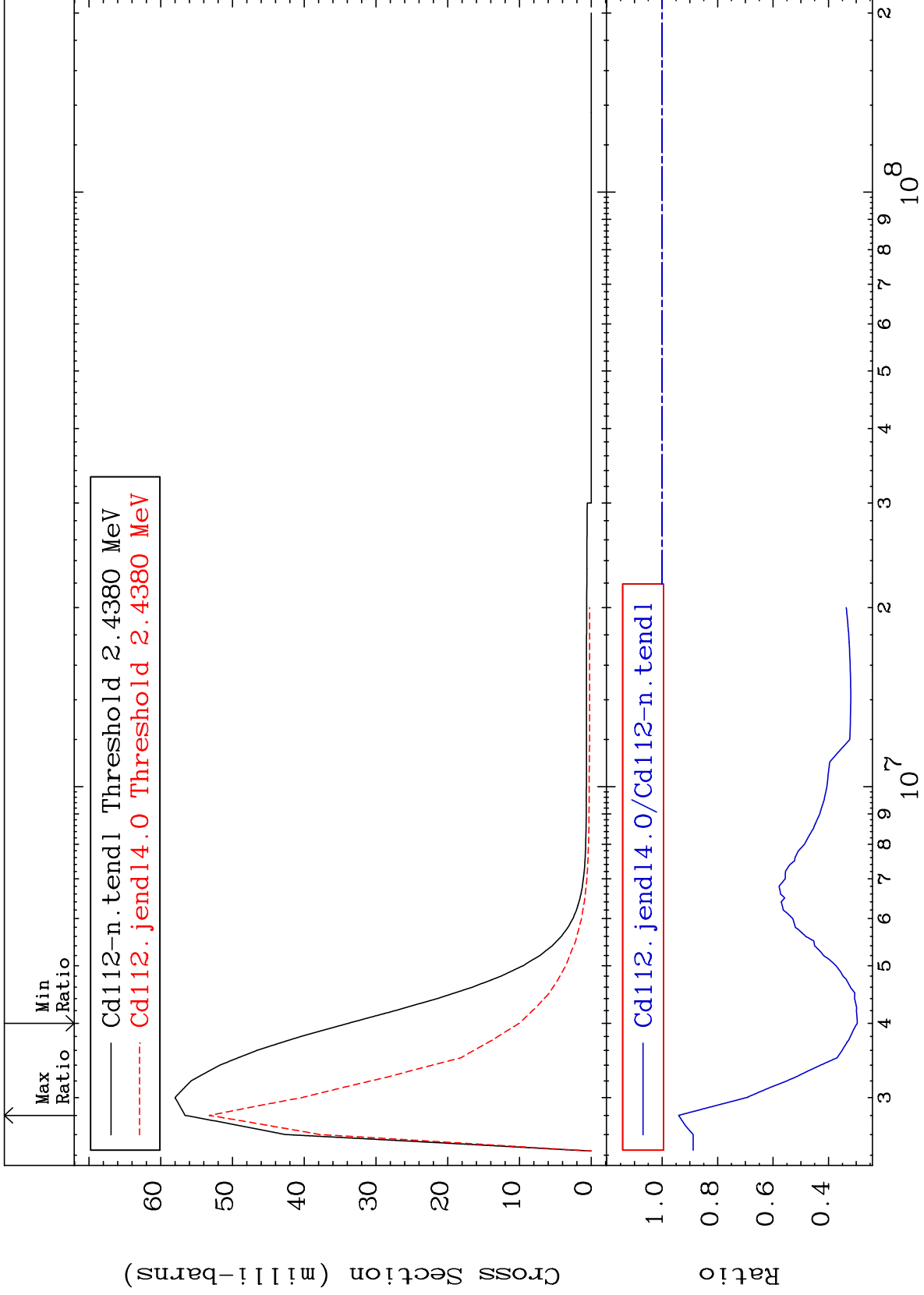
48-Cd-112  
-67.90 To 9999. %



MAT 4843

2.416 MeV (n,n') Level  
Cross Section

48-Cd-112  
-70.36 To -5.949%



30

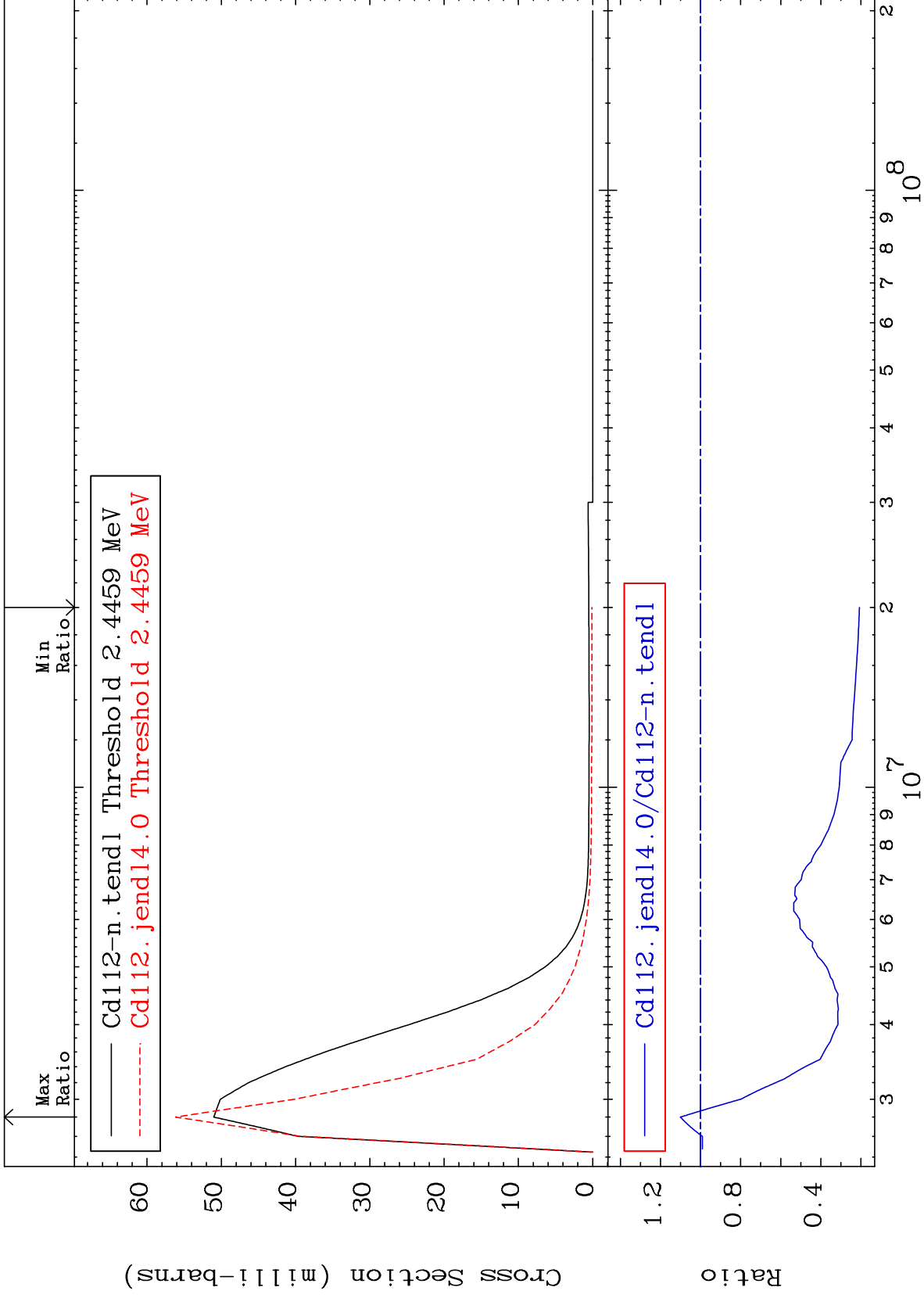
Incident Energy (eV)

48-Cd-112

MAT 4843

2.424 MeV (n,n') Level  
Cross Section

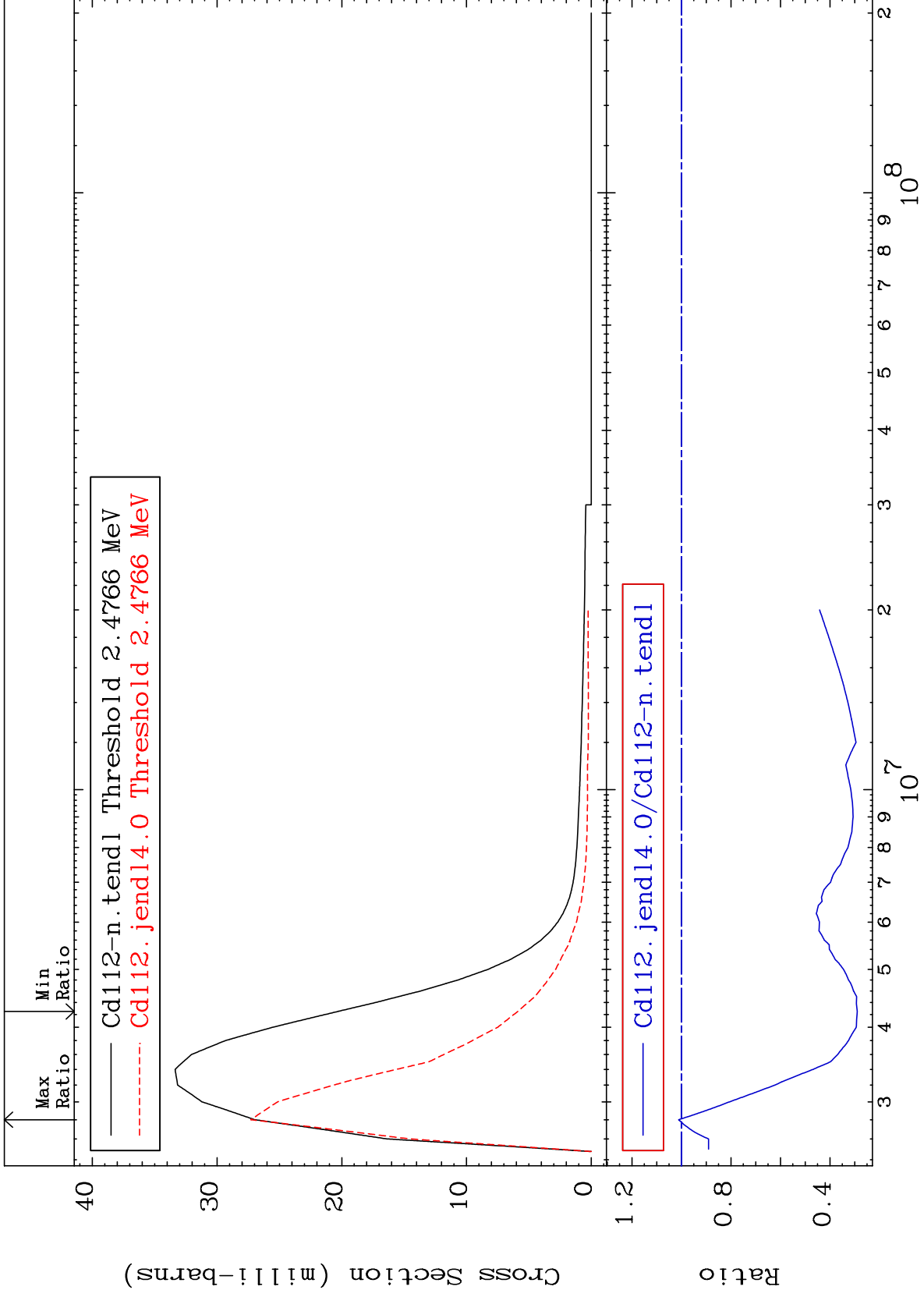
48-Cd-112  
-79.30 To 10.11 %



MAT 4843

2.454 MeV (n,n') Level  
Cross Section

48-Cd-112  
-71.05 To 1.124 %

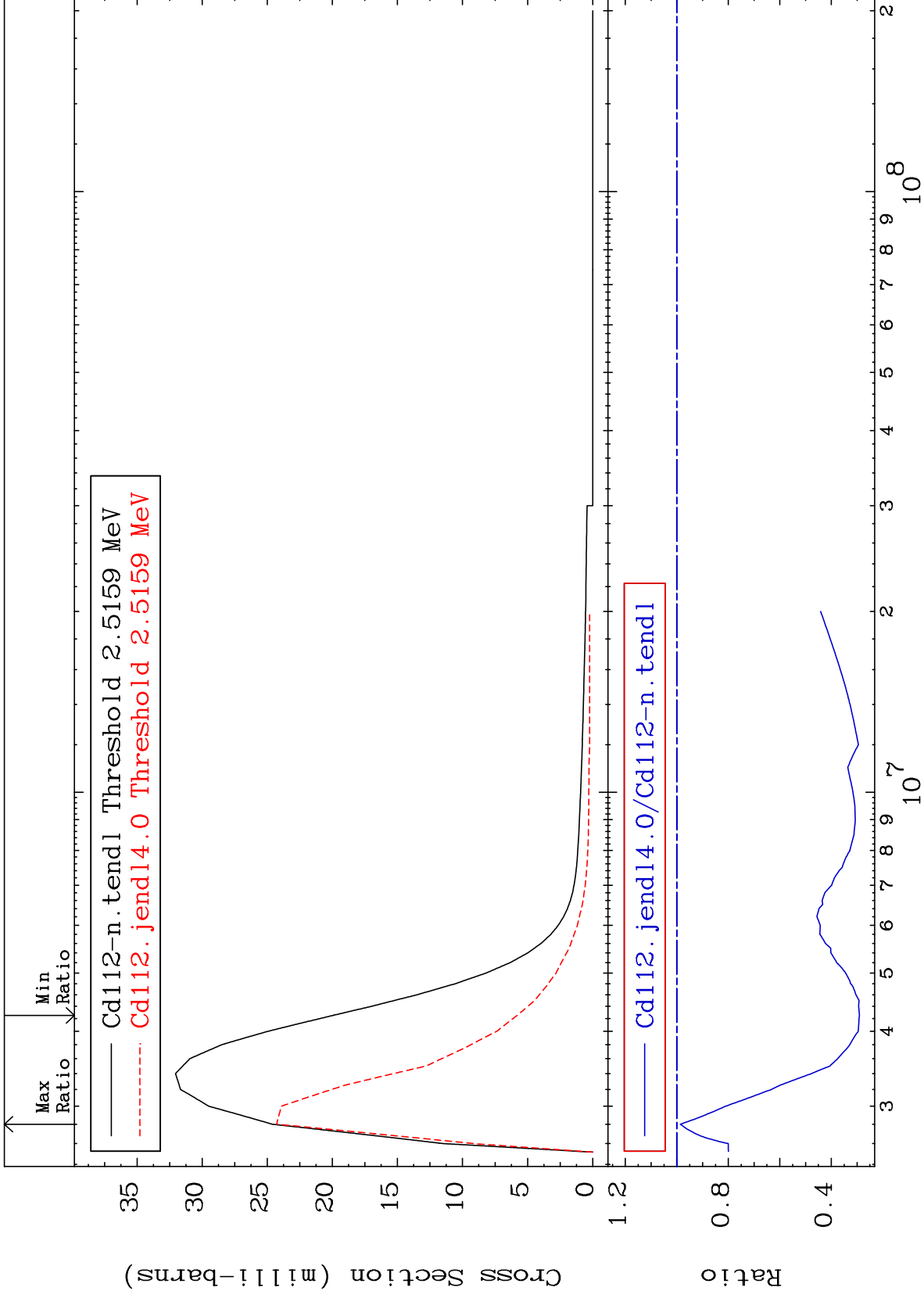




MAT 4843

2.493 MeV (n,n') Level  
Cross Section

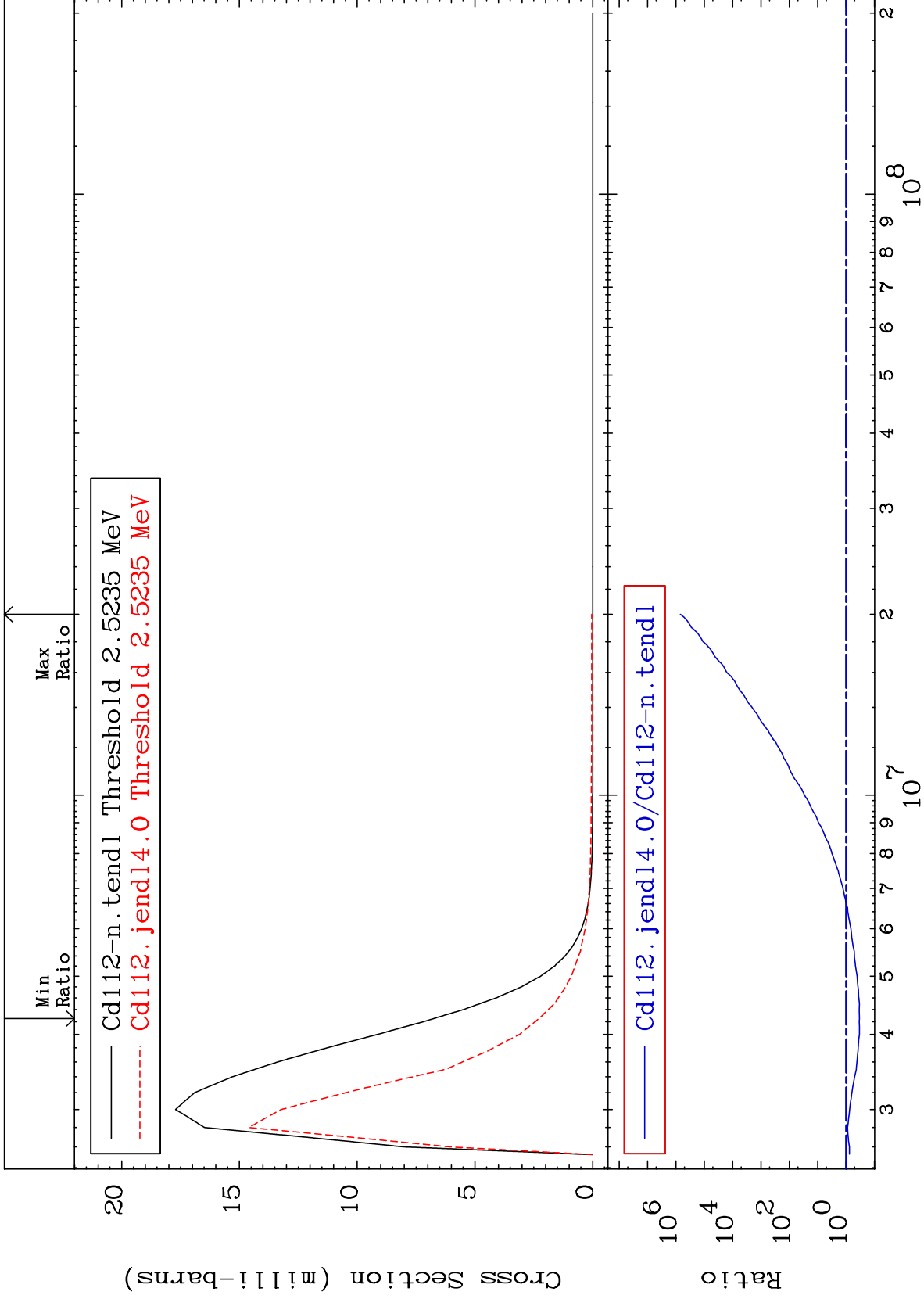
48-Cd-112  
-70.92 To -1.368%



MAT 4843

2.501 MeV (n,n') Level  
Cross Section

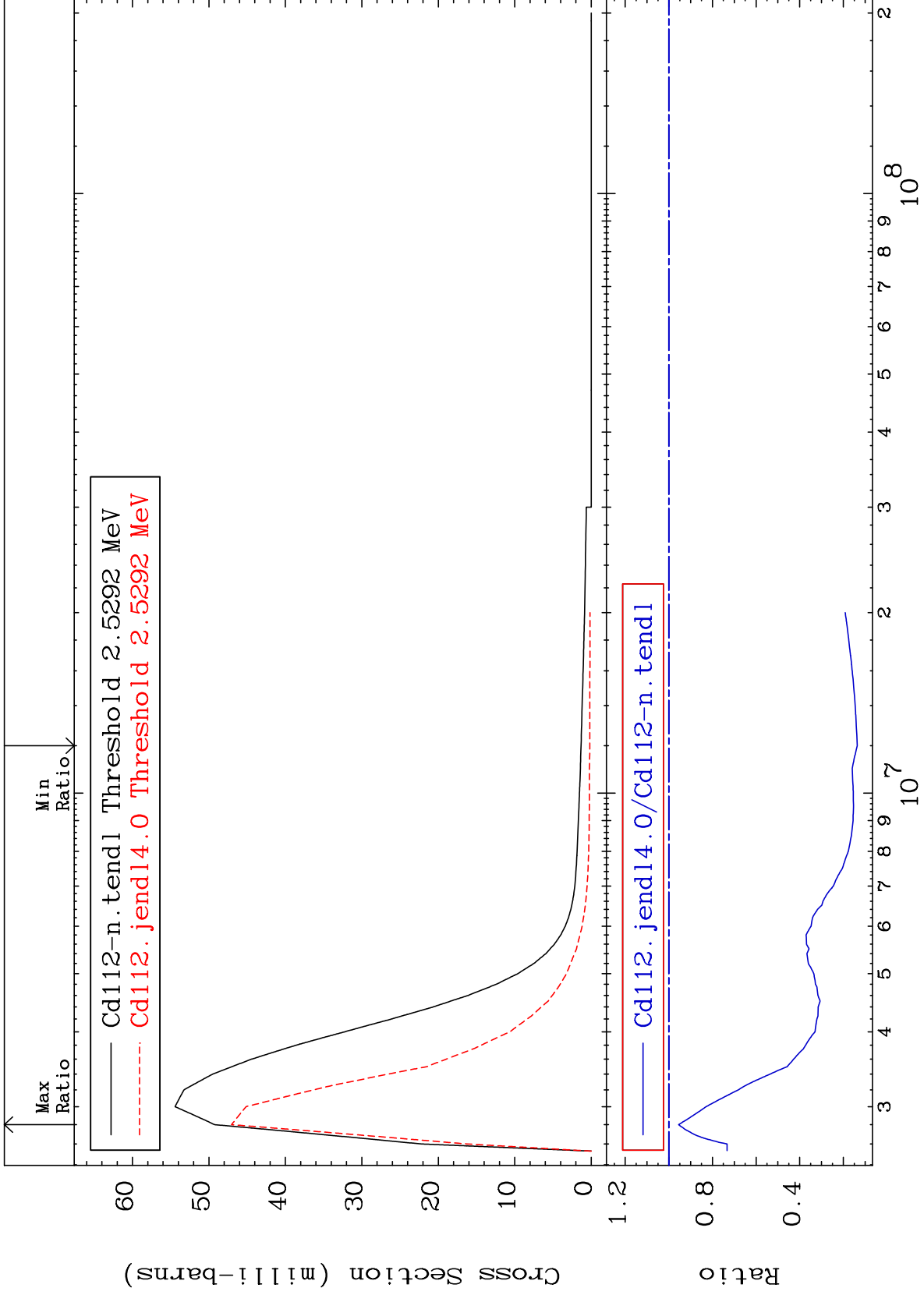
48-Cd-112  
-66.25 To 9999. %



MAT 4843

2.507 MeV (n,n') Level  
Cross Section

48-Cd-112  
-86.38 To -4.487%



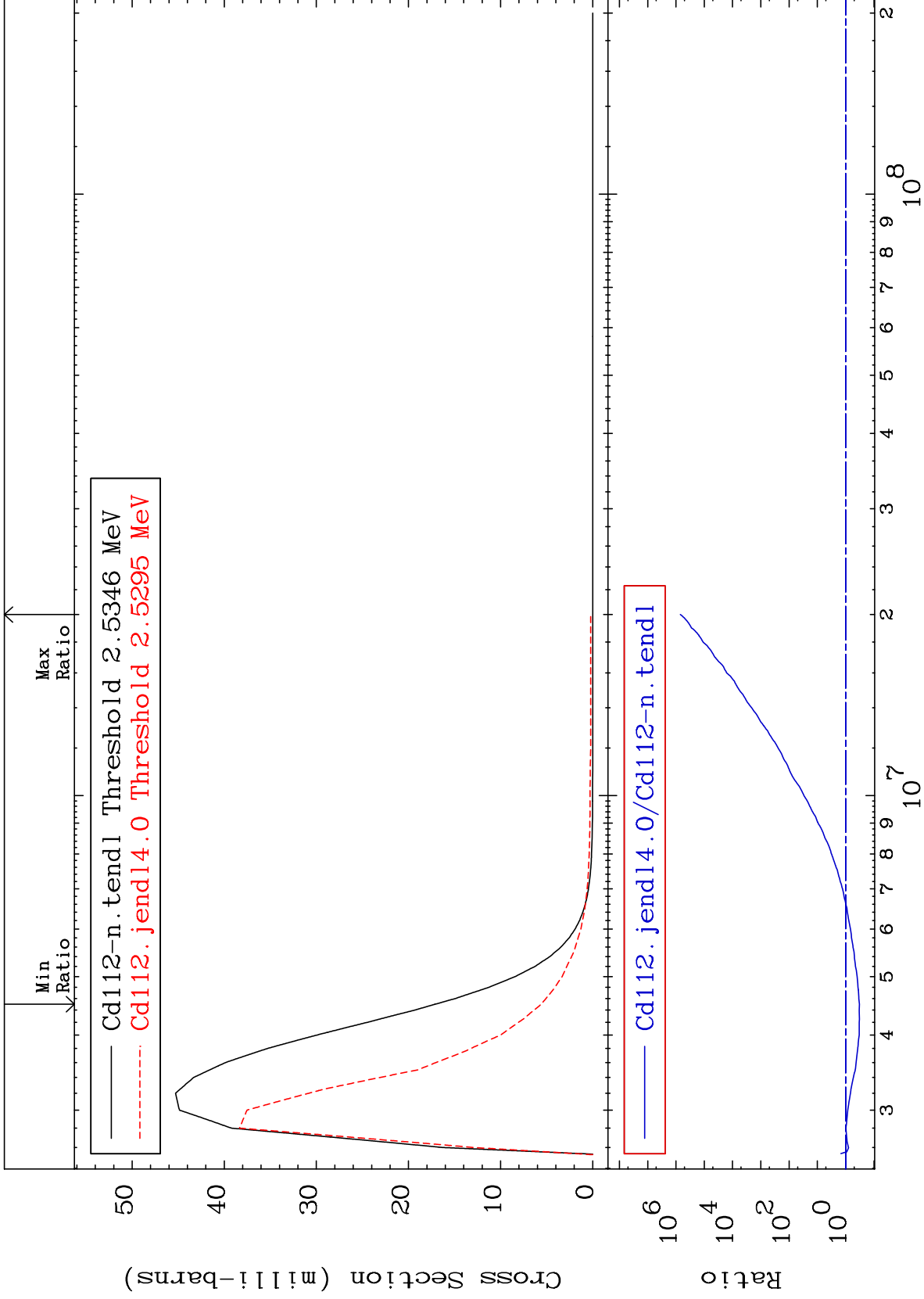
35

48-Cd-112

MAT 4843

2.512 MeV (n,n') Level  
Cross Section

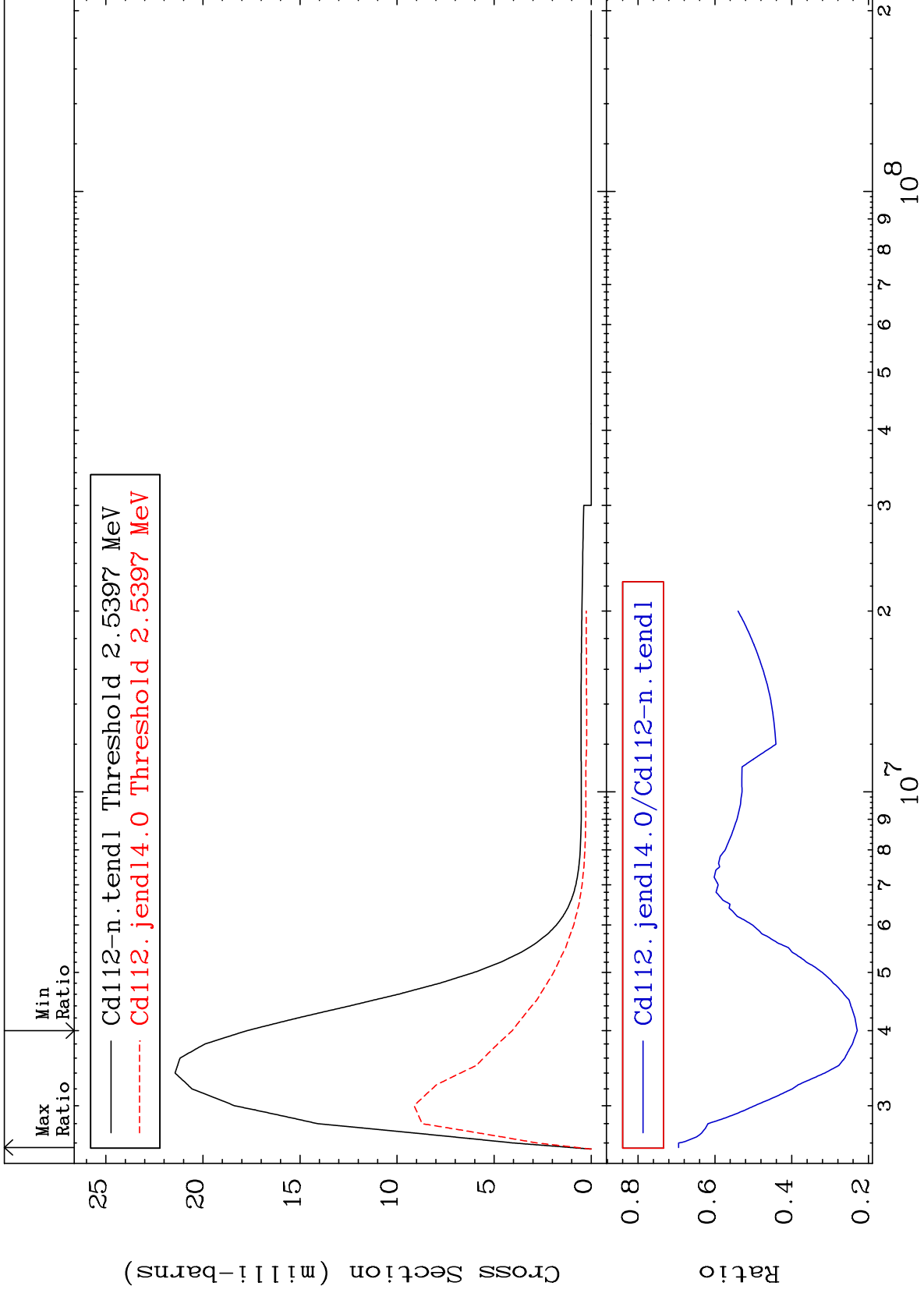
48-Cd-112  
-67.42 To 9999. %



MAT 4843

2.517 MeV (n,n') Level  
Cross Section

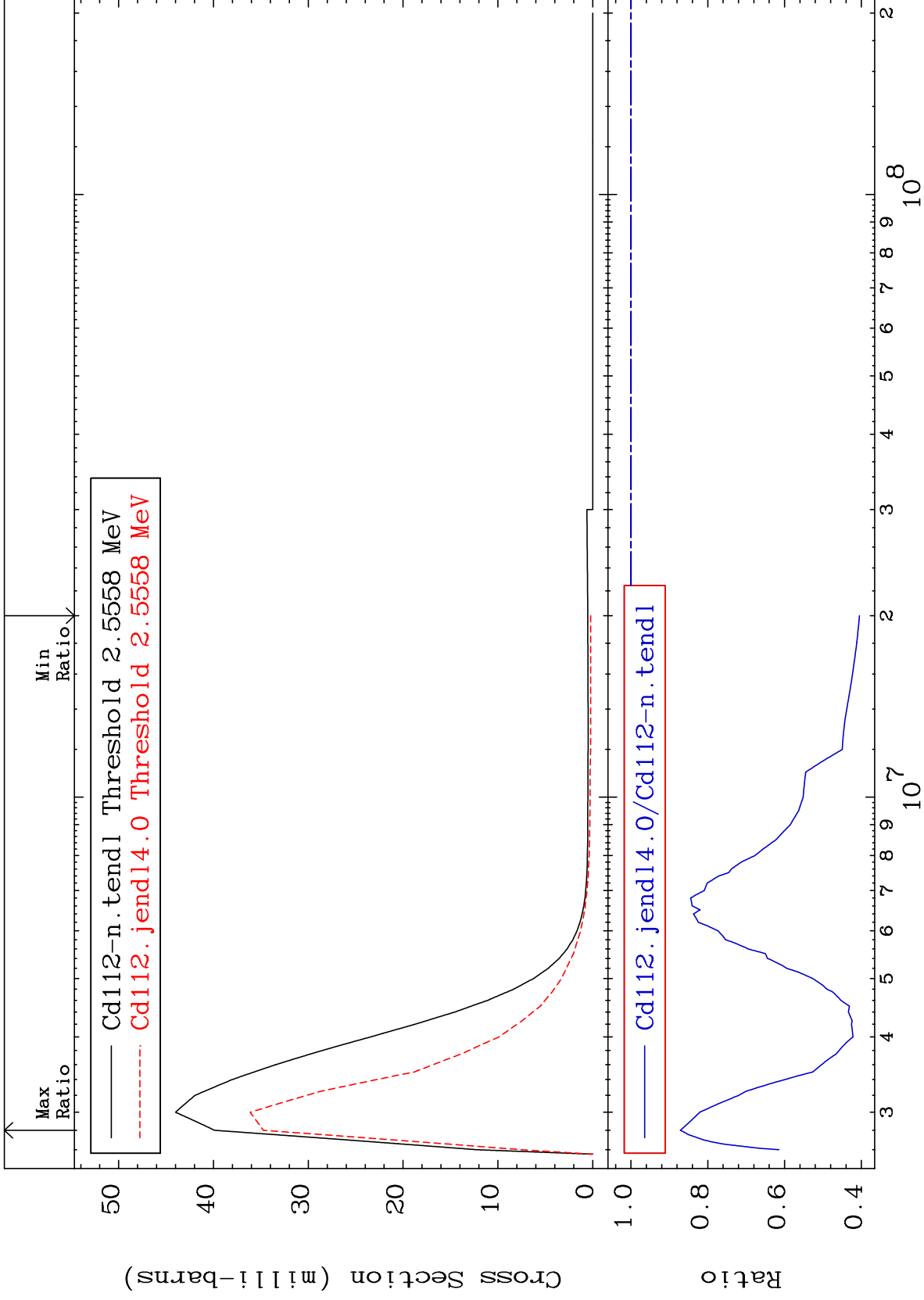
48-Cd-112  
-77.06 To -30.56%



MAT 4843

2.533 MeV (n,n') Level  
Cross Section

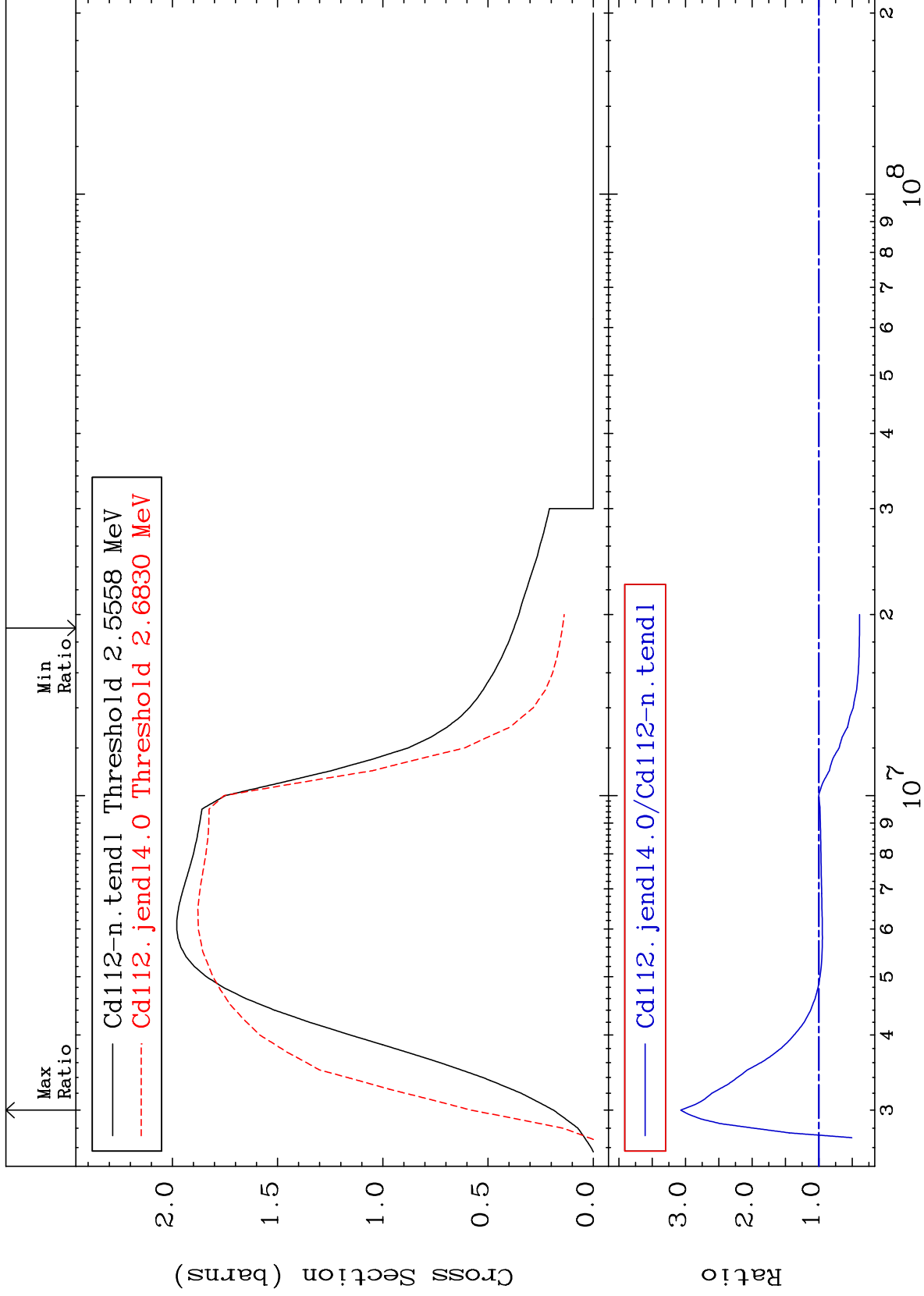
48-Cd-112  
-59.49 To -12.86%



MAT 4843

(n, n') Continuum  
Cross Section

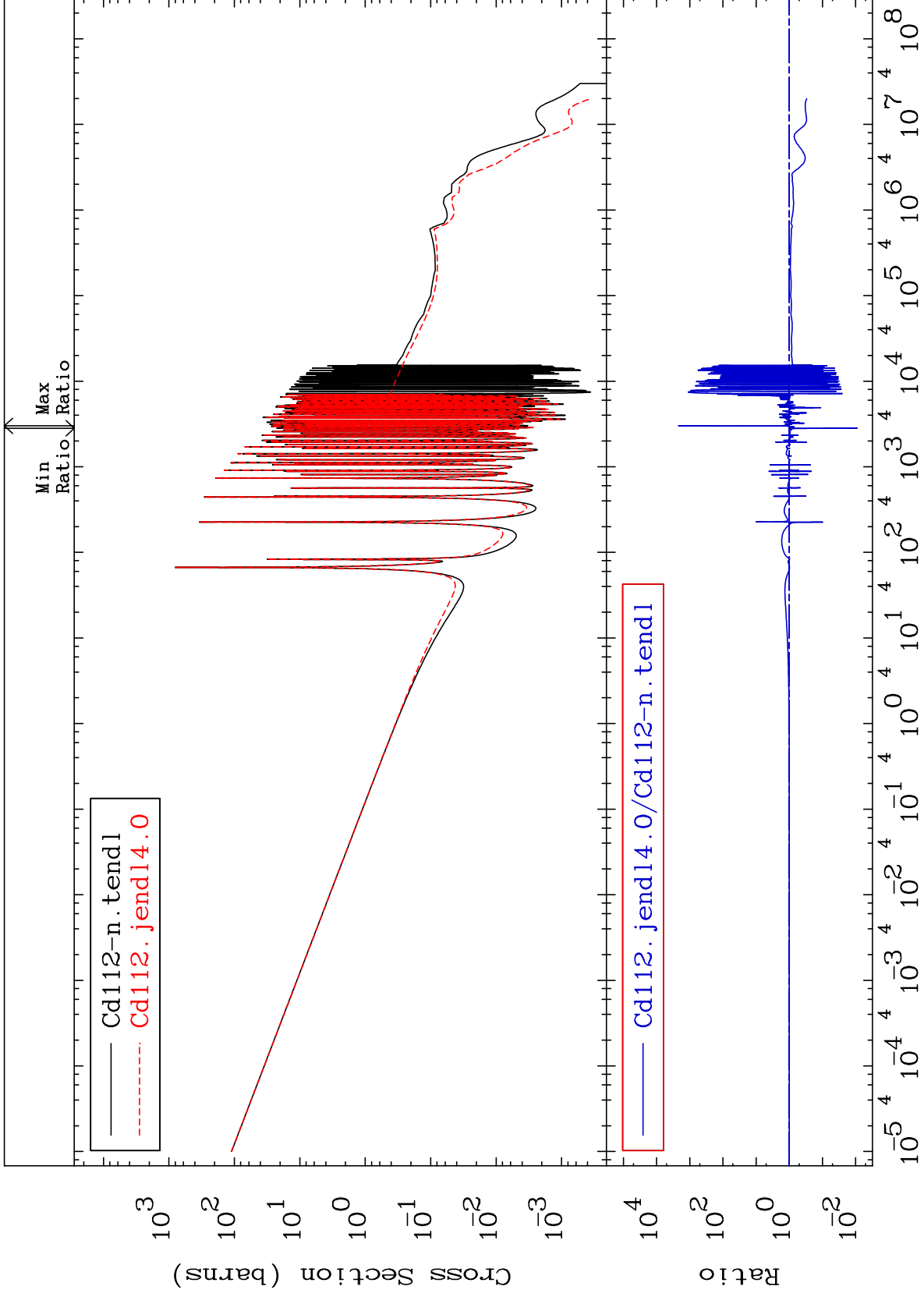
48-Cd-112  
-61.06 To 207.2 %



MAT 4843

(n,  $\gamma$ )  
Cross Section

48-Cd-112  
-99.11 To 9999. %



40

Incident Energy (eV)

48-Cd-112



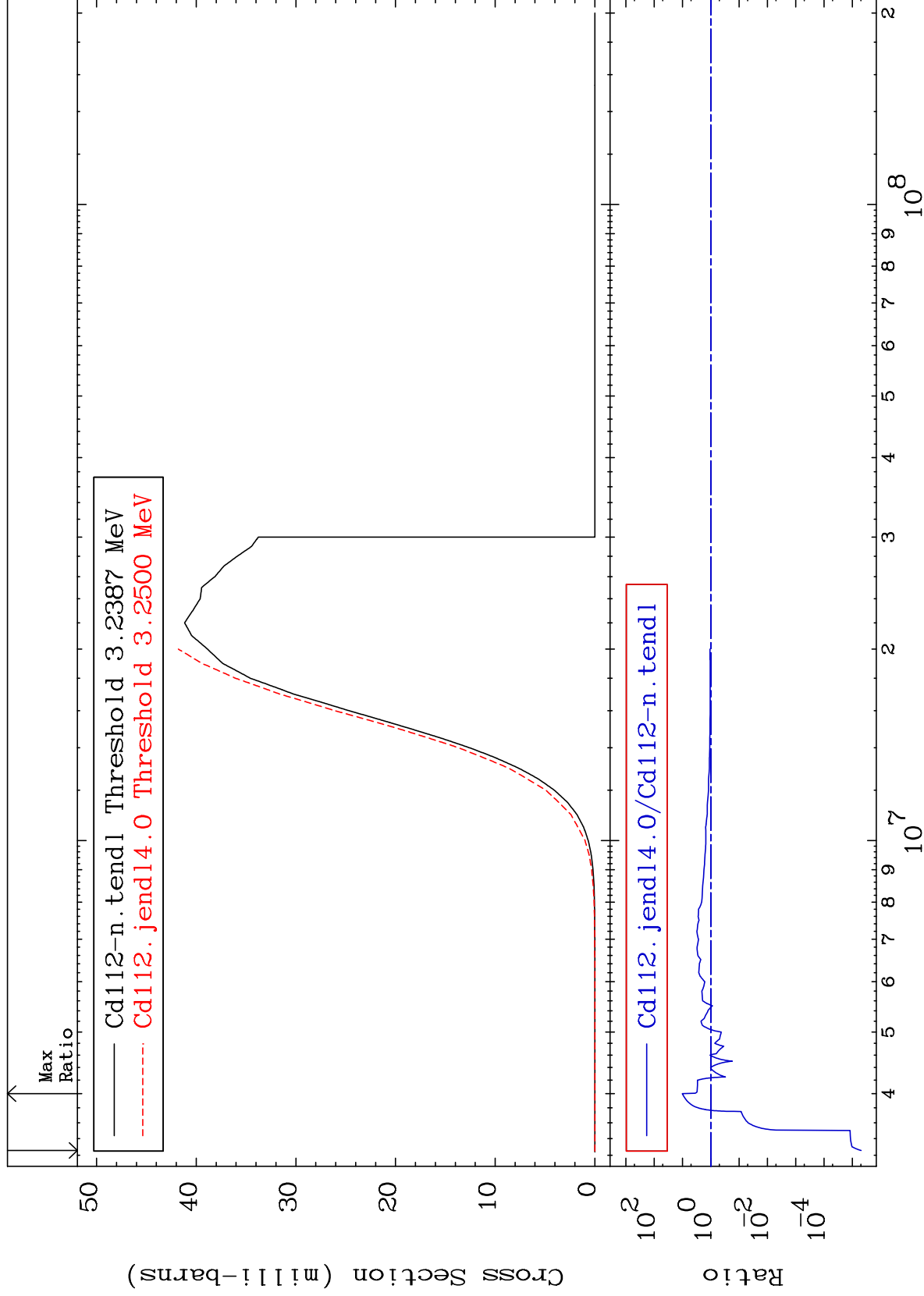
MAT 4843

(n, p)

48-Cd-112

Cross Section

-100.0 To 911.1 %



41

Incident Energy (eV)

48-Cd-112

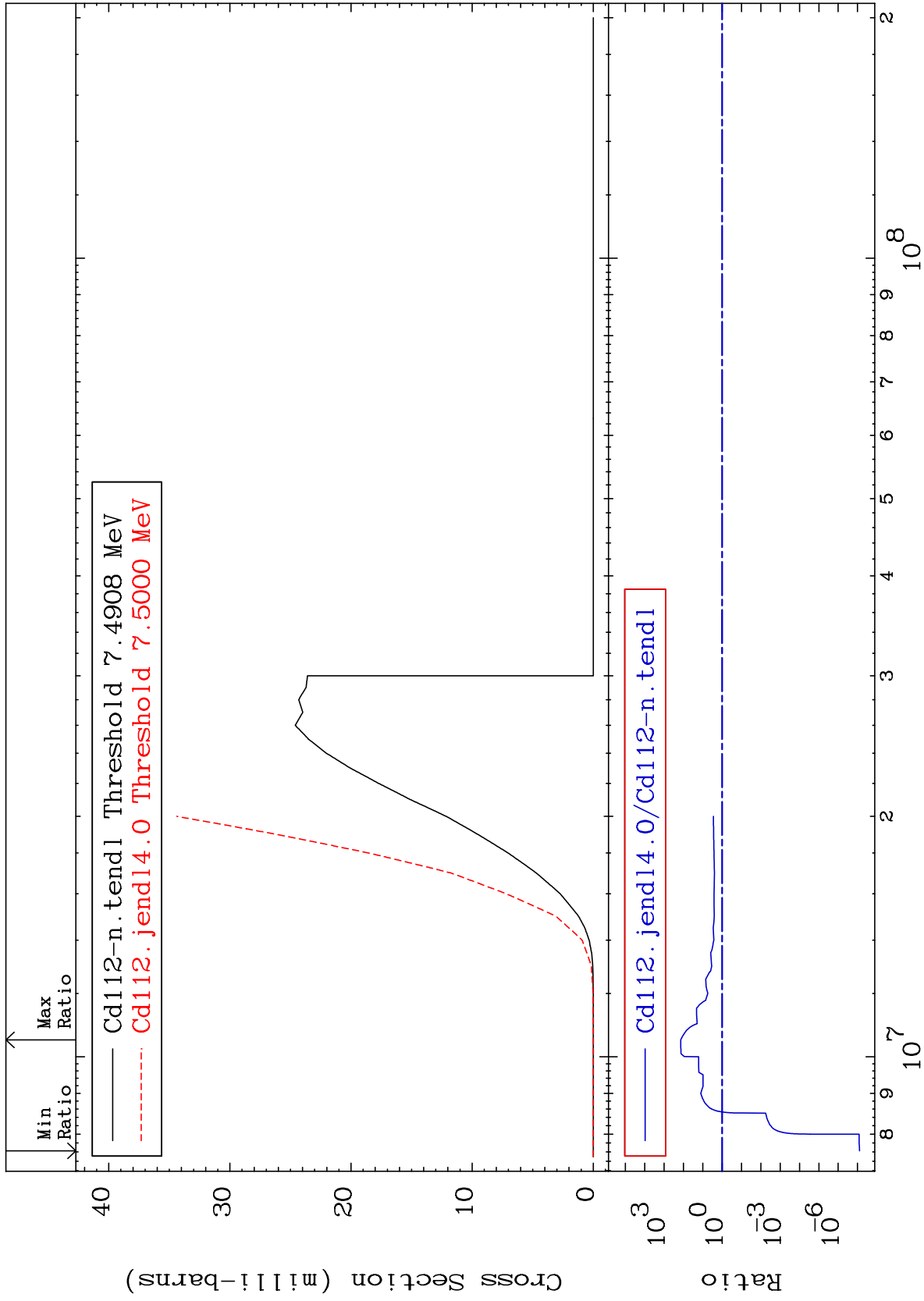
MAT 4843

(n, d)

48-Cd-112

Cross Section

-100.0 To 9999. %



42

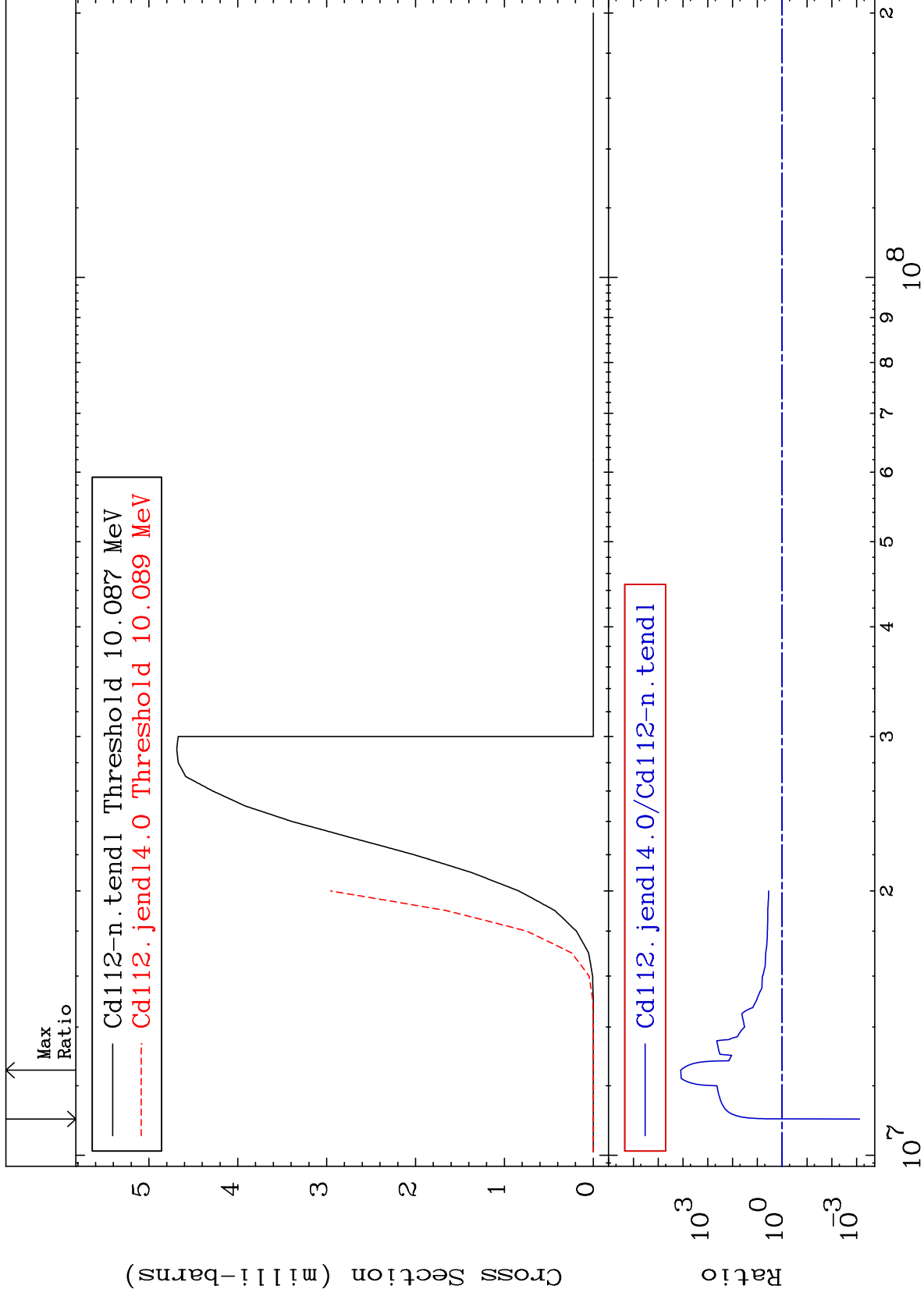
Incident Energy (eV)

48-Cd-112

MAT 4843

(n, t)  
Cross Section

48-Cd-112  
-99.92 To 9999. %



43

Incident Energy (eV)

48-Cd-112

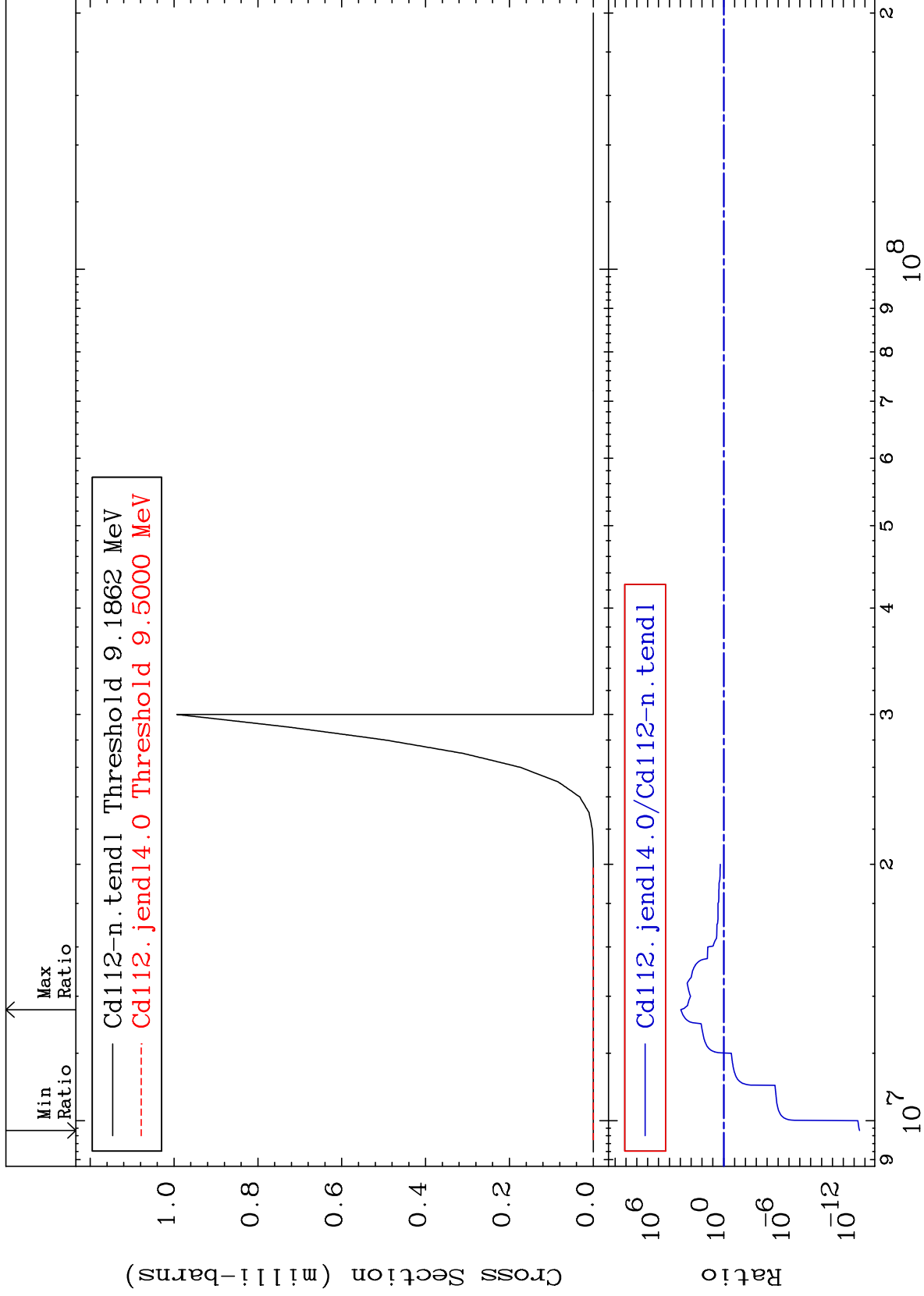
MAT 4843

(n, He-3)

48-Cd-112

Cross Section

-100.0 To 9999. %



44

48-Cd-112

48-Cd-112

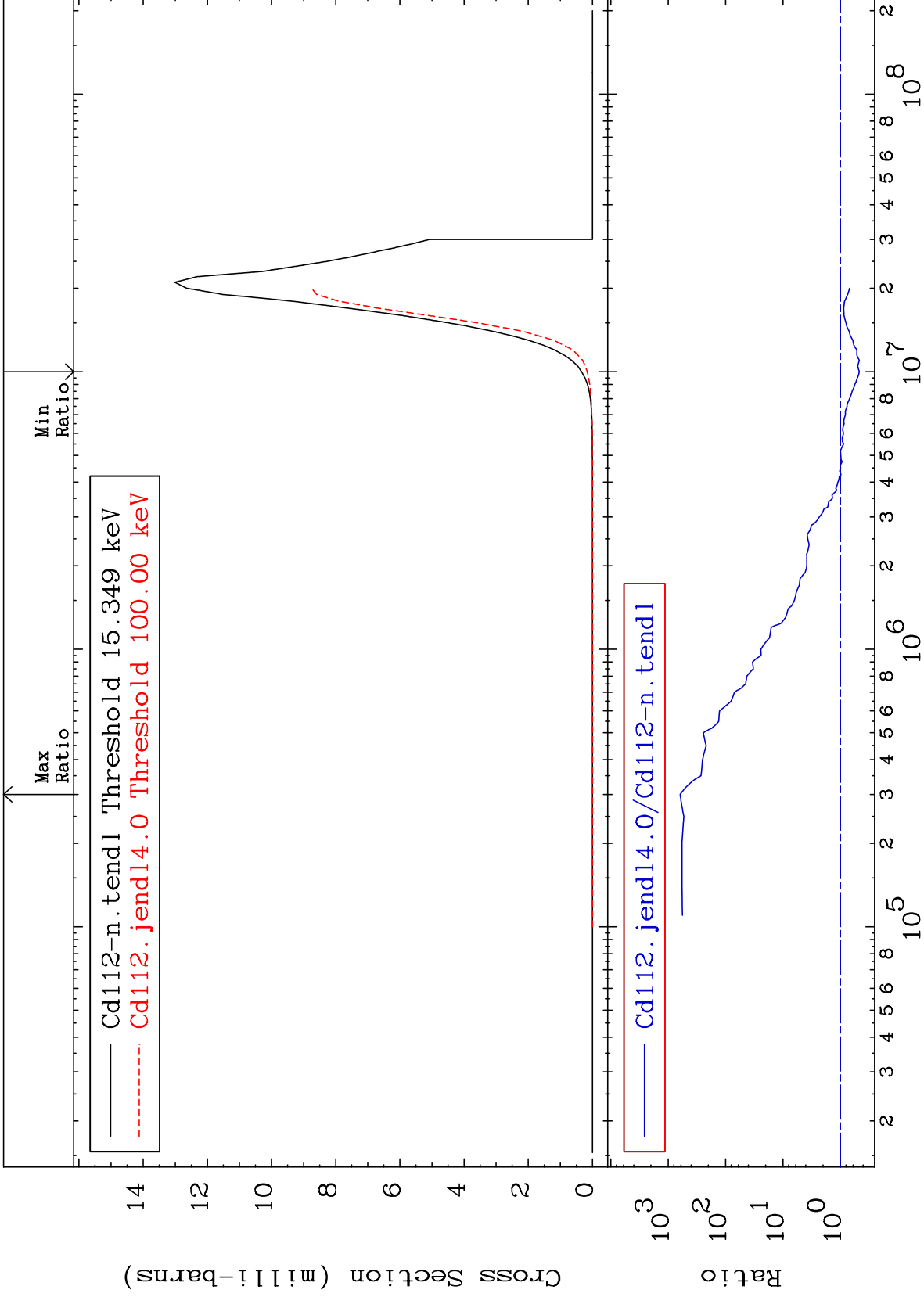
MAT 4843

(n,  $\alpha$ )

48-Cd-112

Cross Section

-53.36 To 9999. %



45

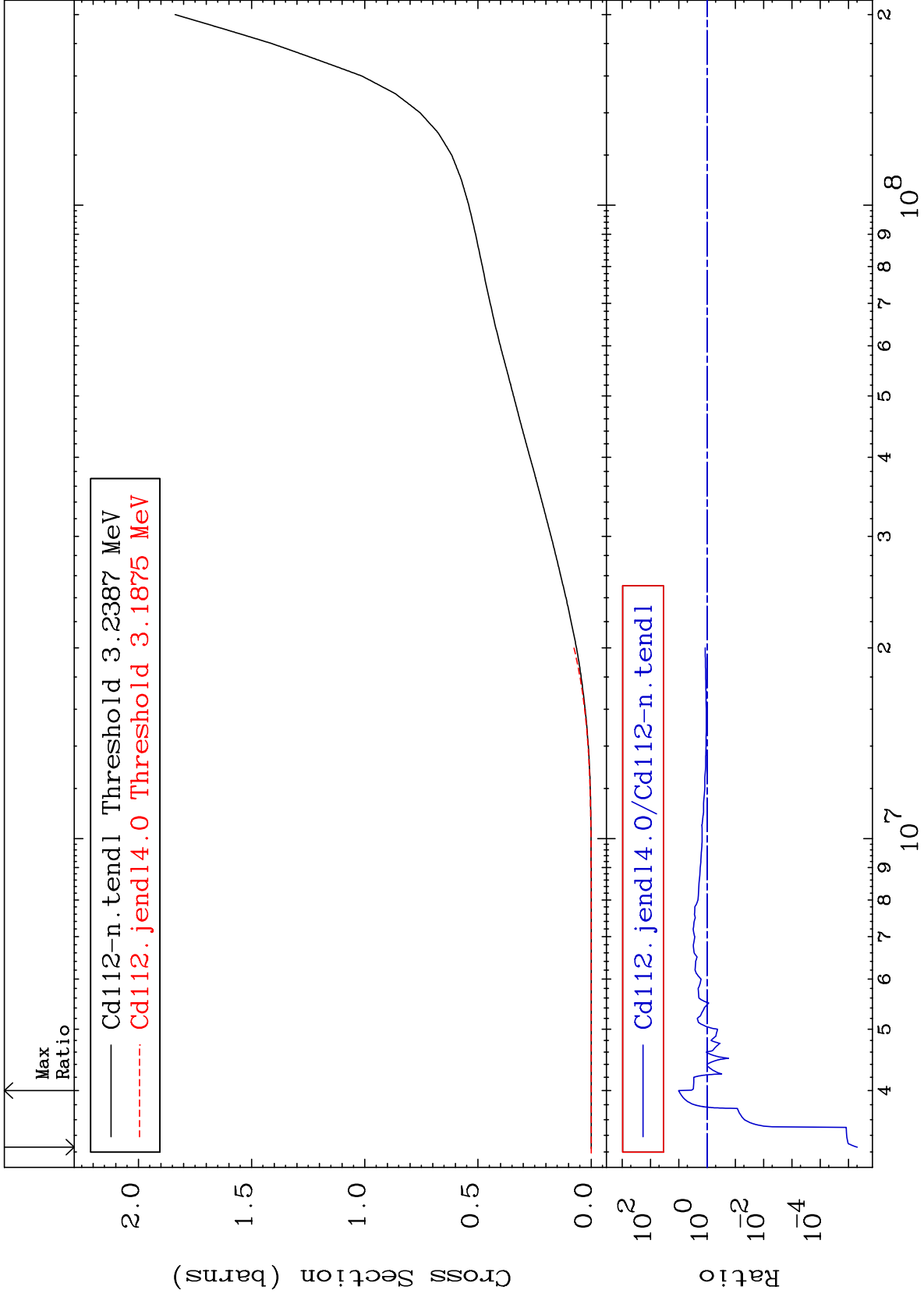
Incident Energy (eV)

48-Cd-112

MAT 4843

Hydrogen Production  
Cross Section

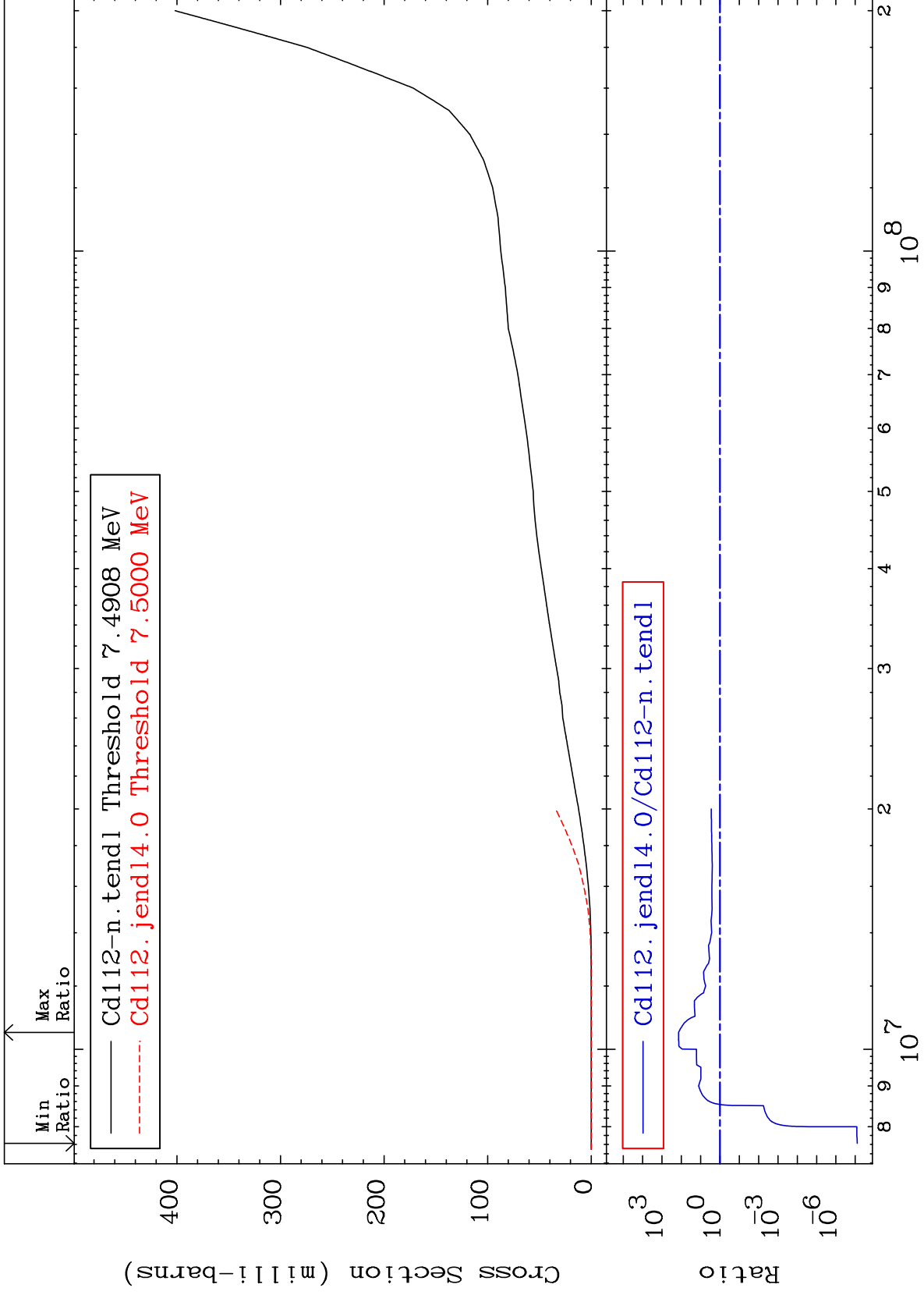
48-Cd-112  
-100.0 To 911.1 %



MAT 4843

Deuterium Production  
Cross Section

48-Cd-112  
-100.0 To 9999. %



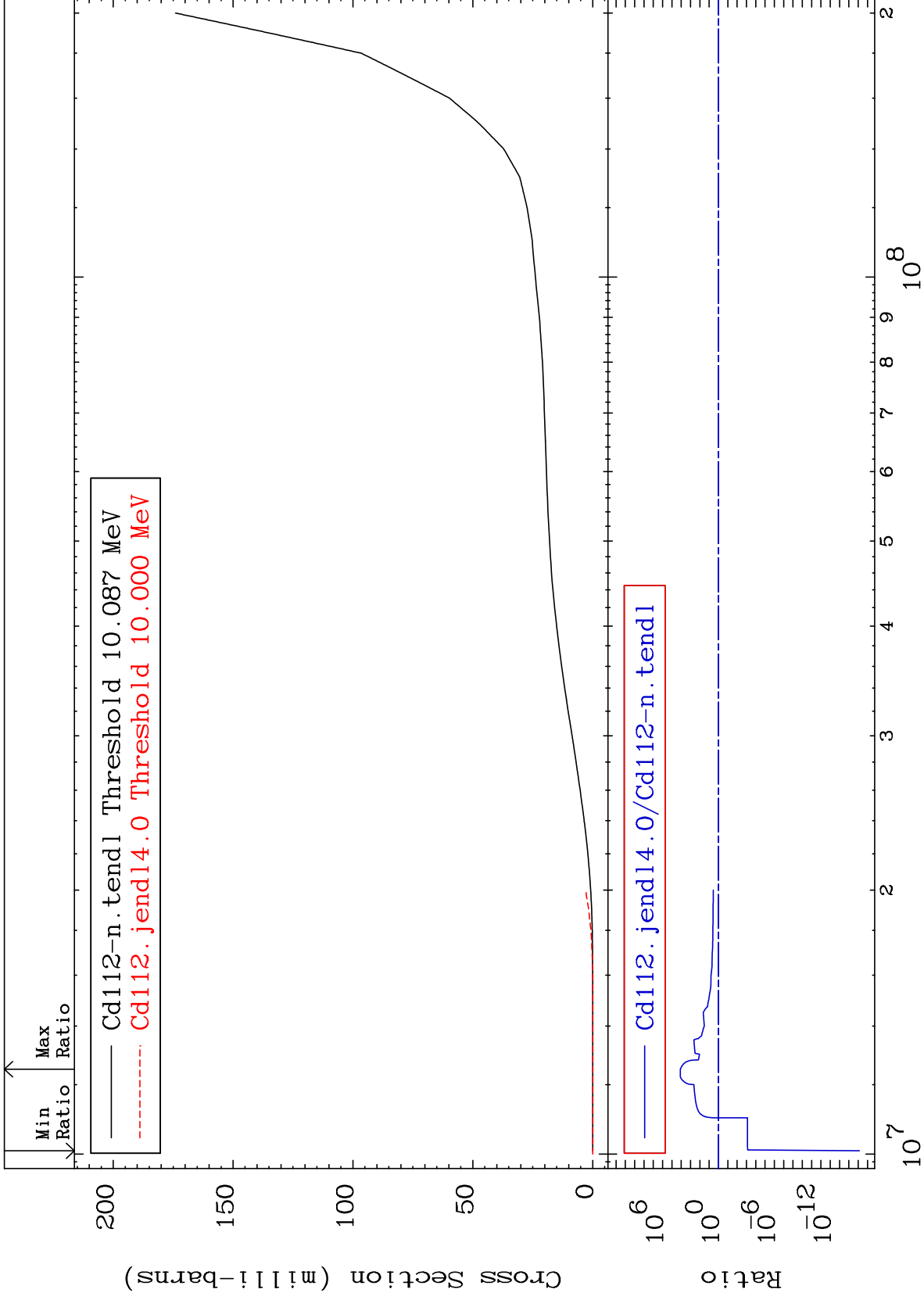
47

48-Cd-112

MAT 4843

Tritium Production  
Cross Section

48-Cd-112  
-100.0 To 9999. %



48

Incident Energy (eV)

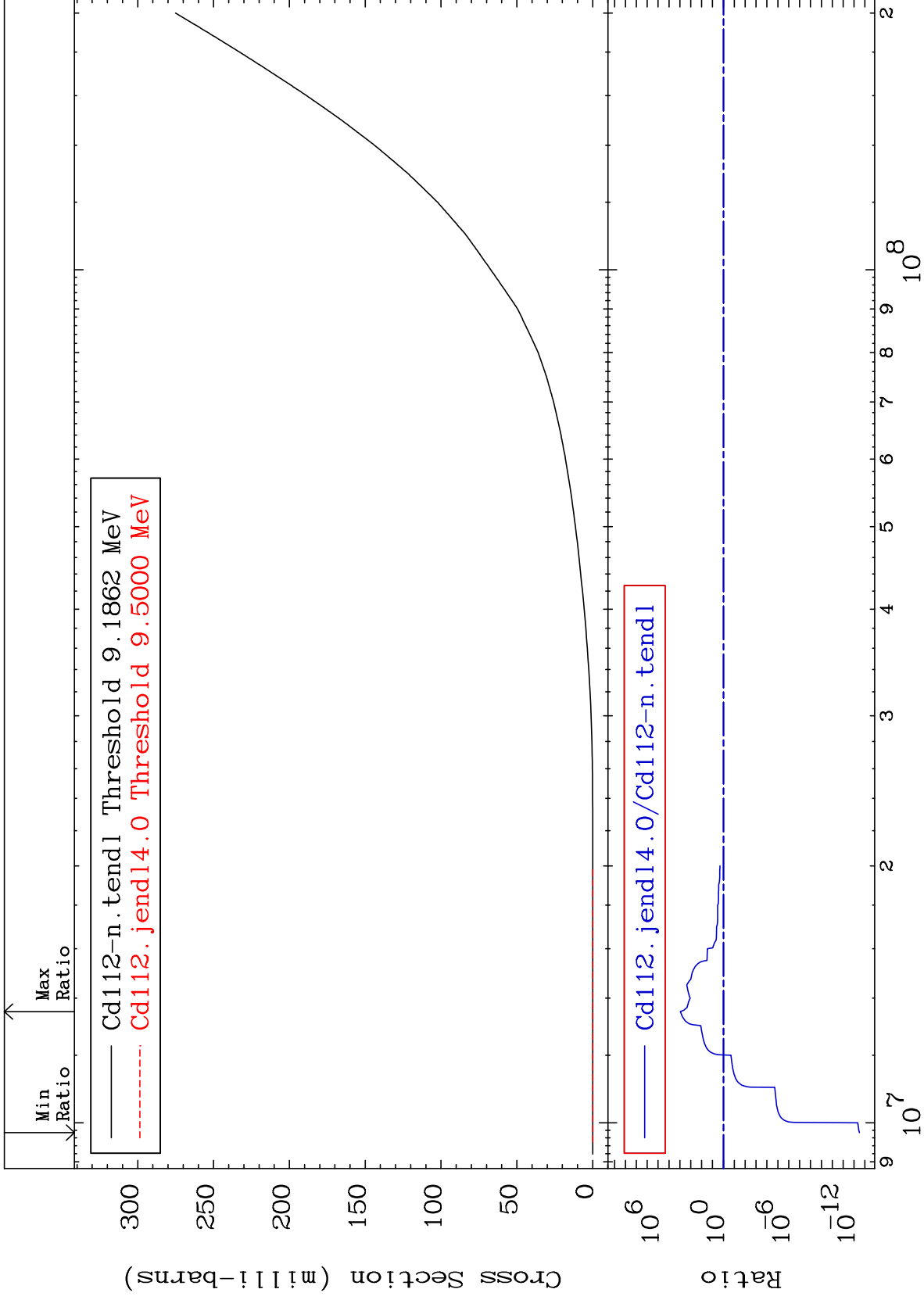
48-Cd-112



MAT 4843

He-3 Production  
Cross Section

48-Cd-112  
-100.0 To 9999. %



49

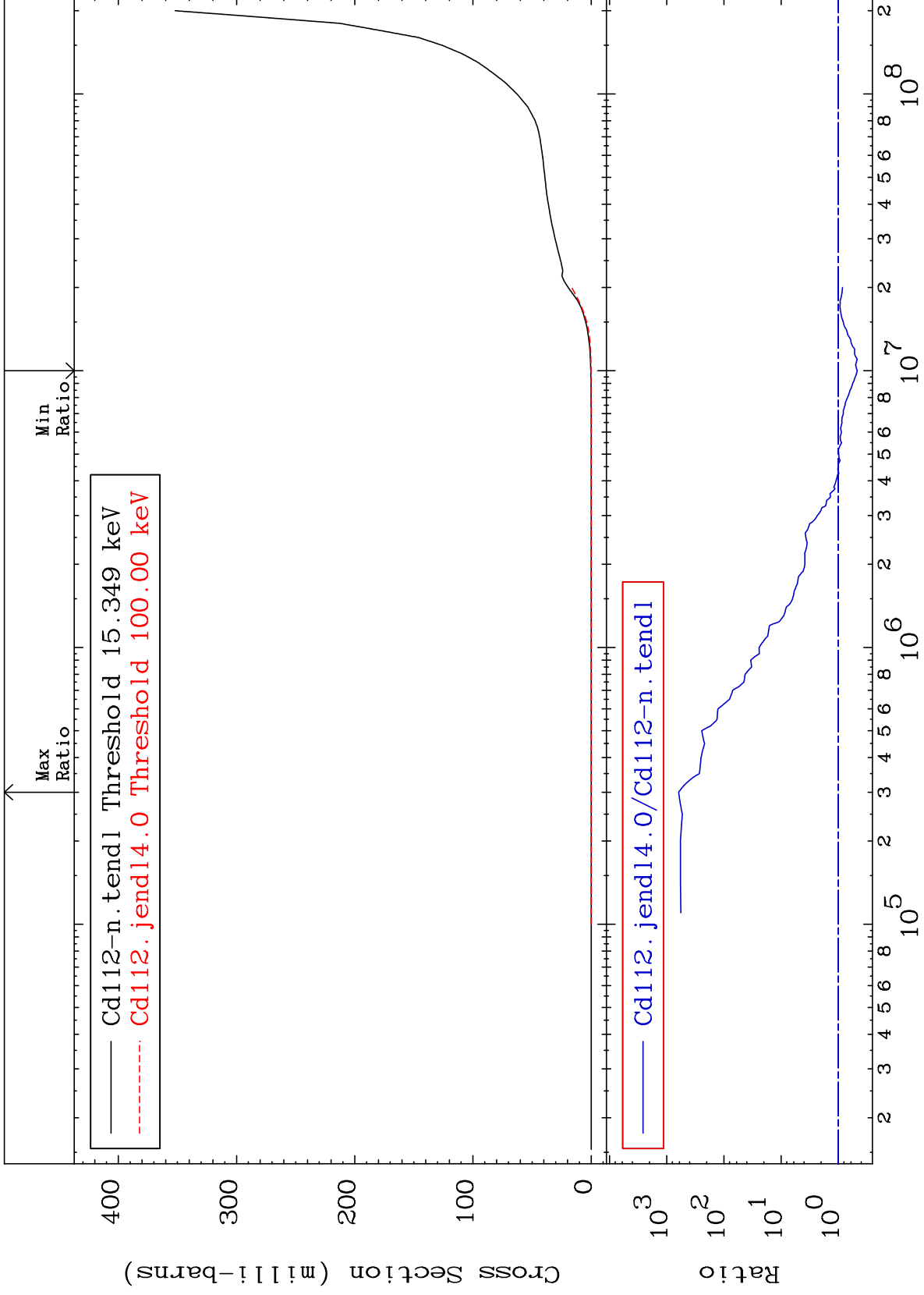
Incident Energy (eV)

48-Cd-112

MAT 4843

He-4 Production  
Cross Section

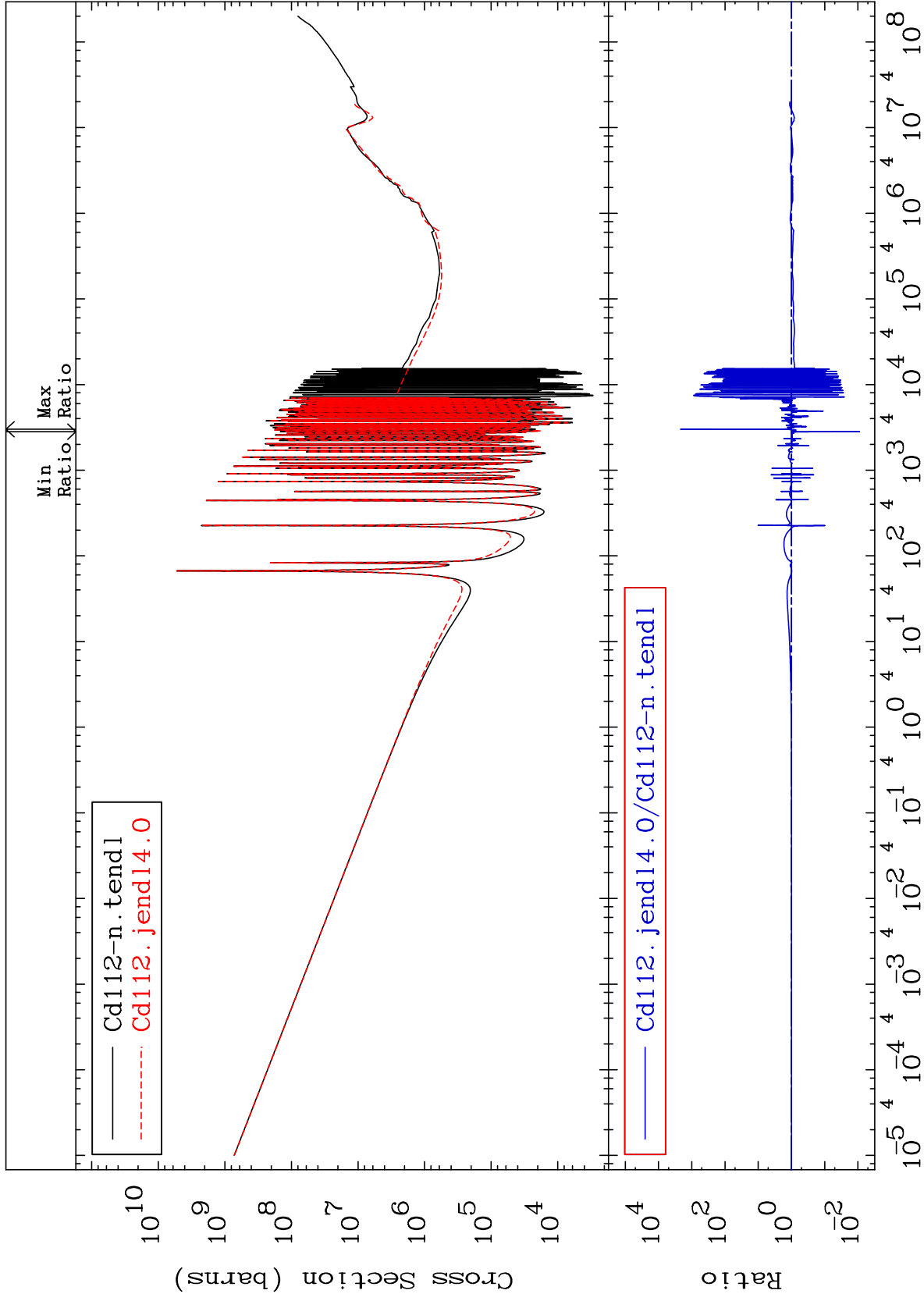
48-Cd-112  
-53.24 To 9999. %



50

Incident Energy (eV)

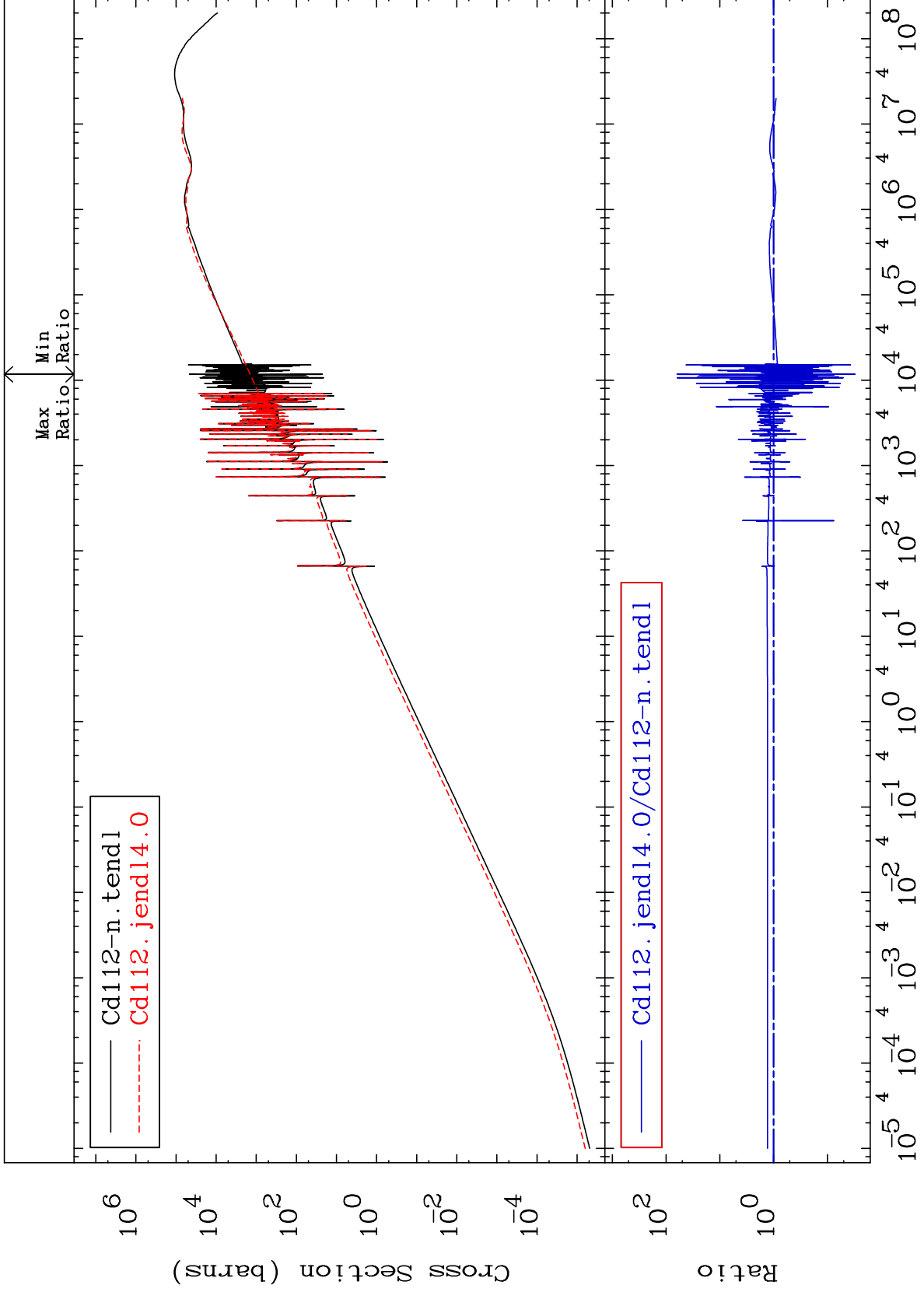
48-Cd-112

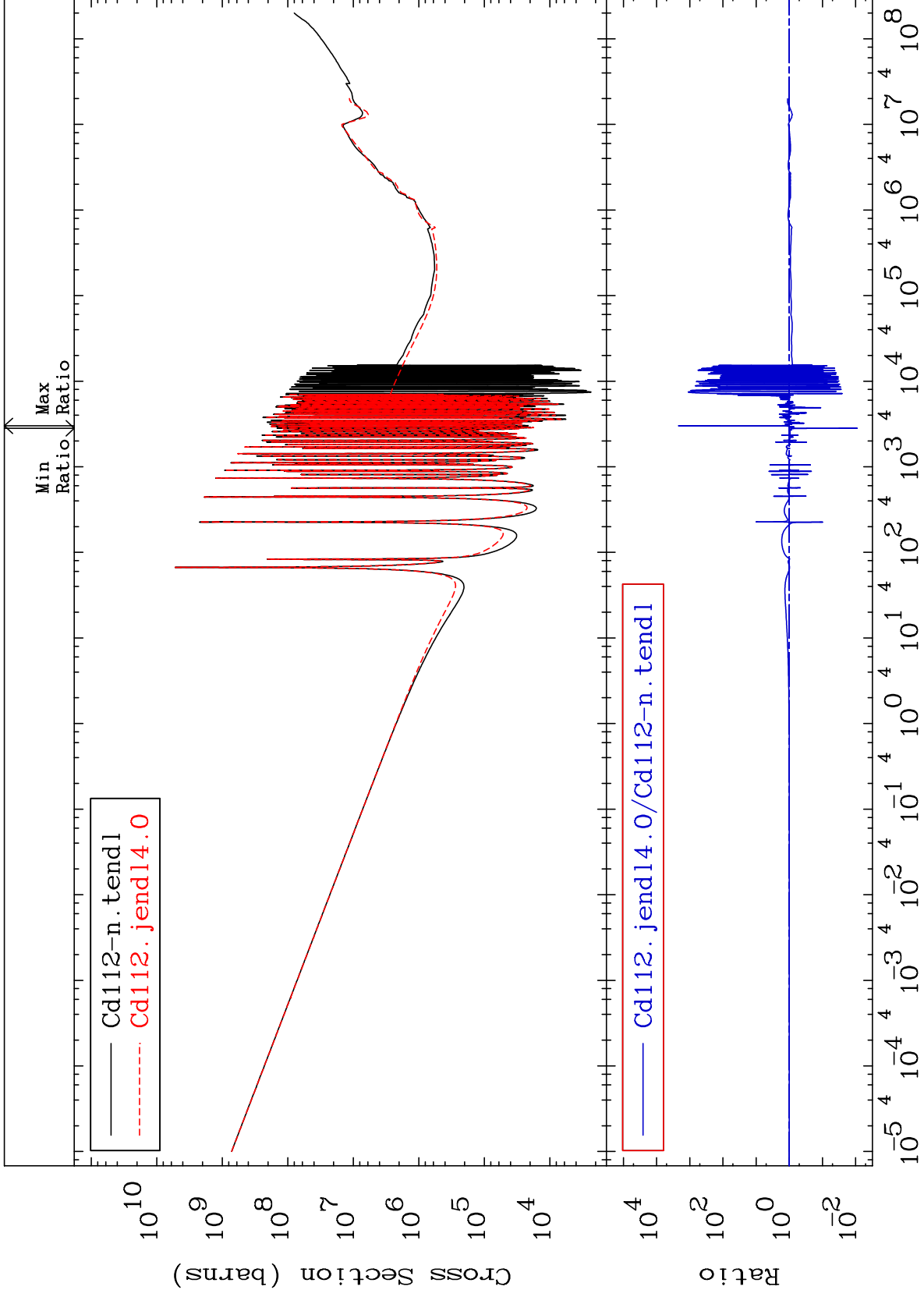


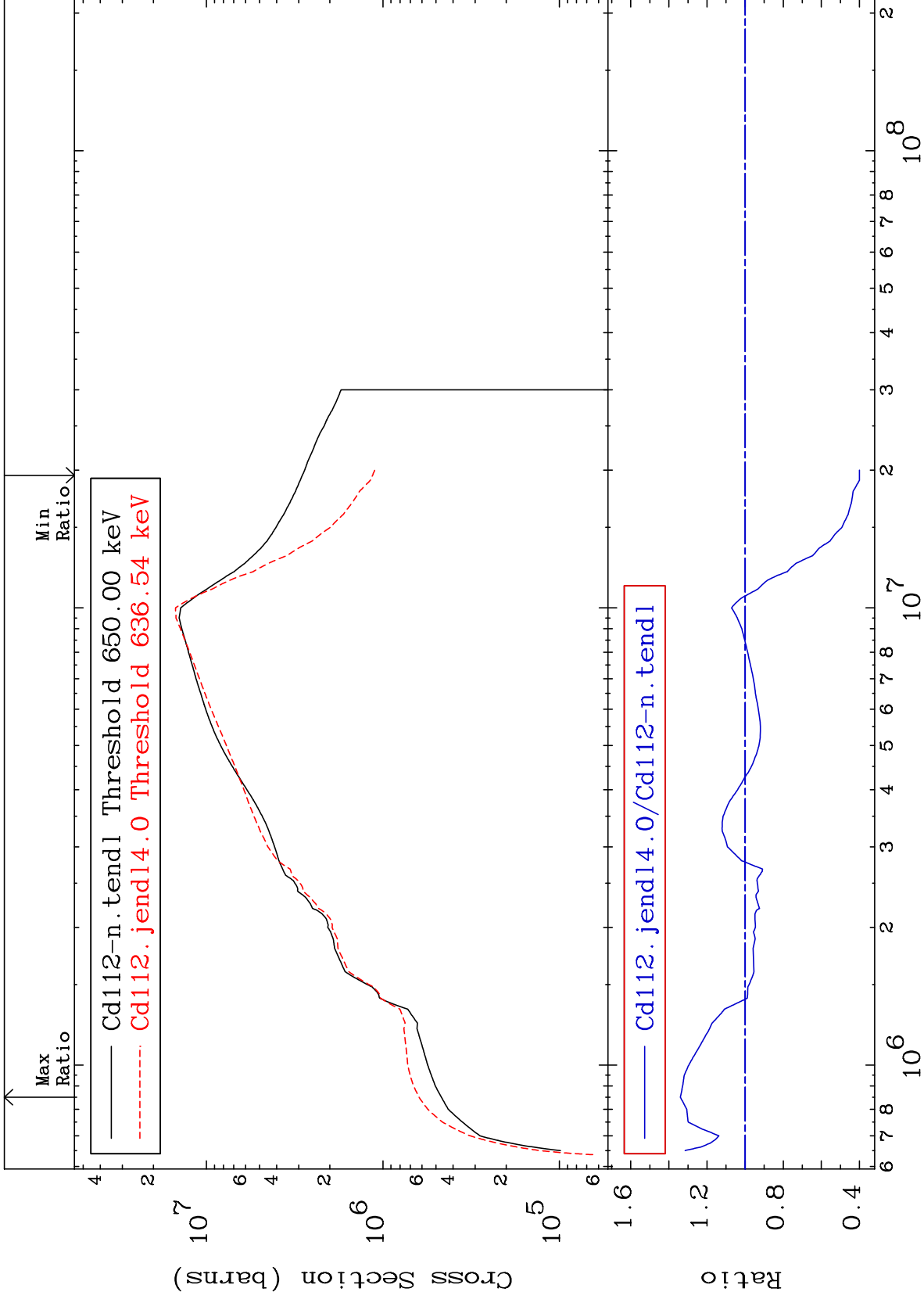
MAT 4843

Kerma elastic  
Cross Section

48-Cd-112  
-96.94 To 6180. %



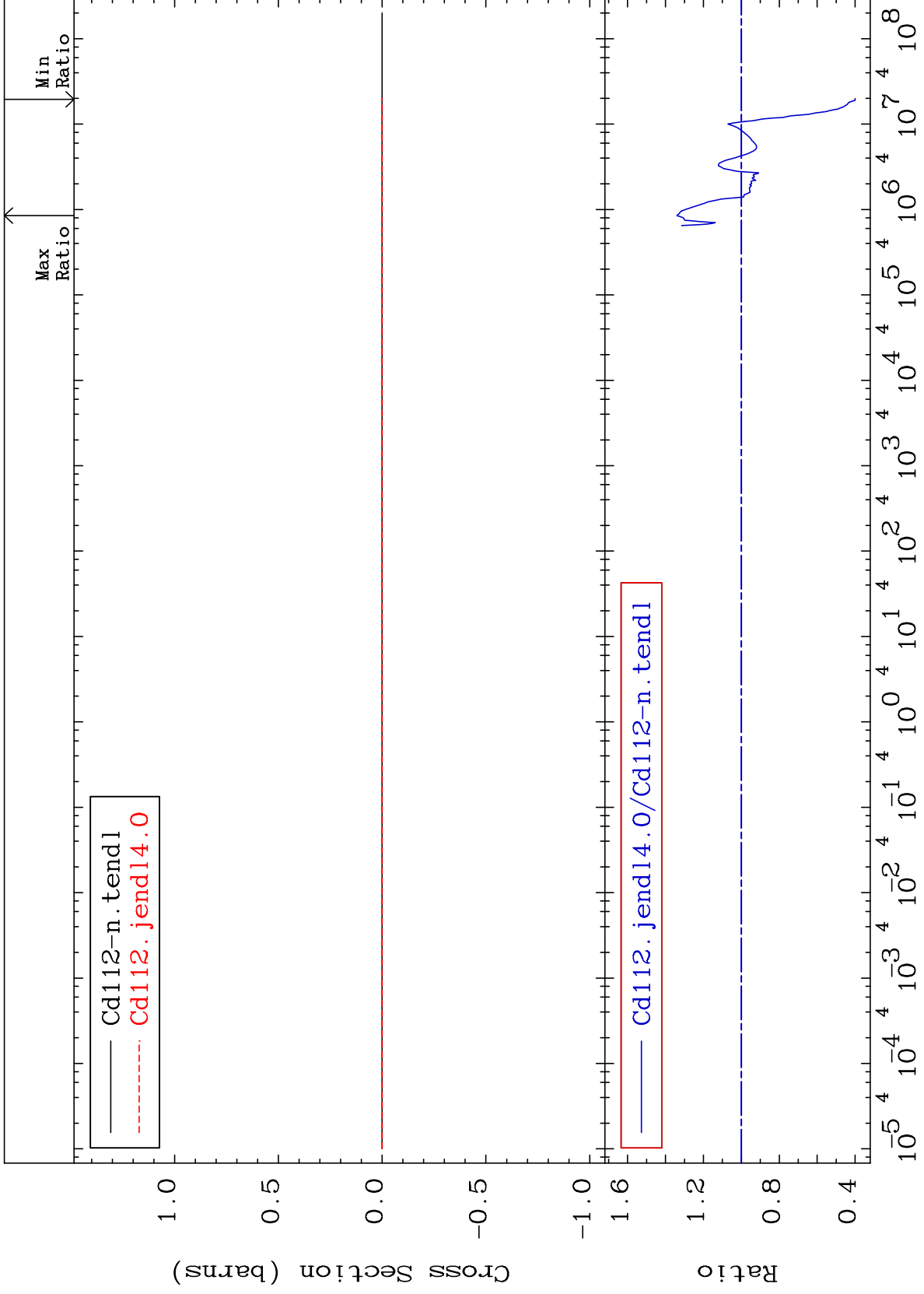




MAT 4843

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

48-Cd-112  
-59.98 To 33.99 %



55

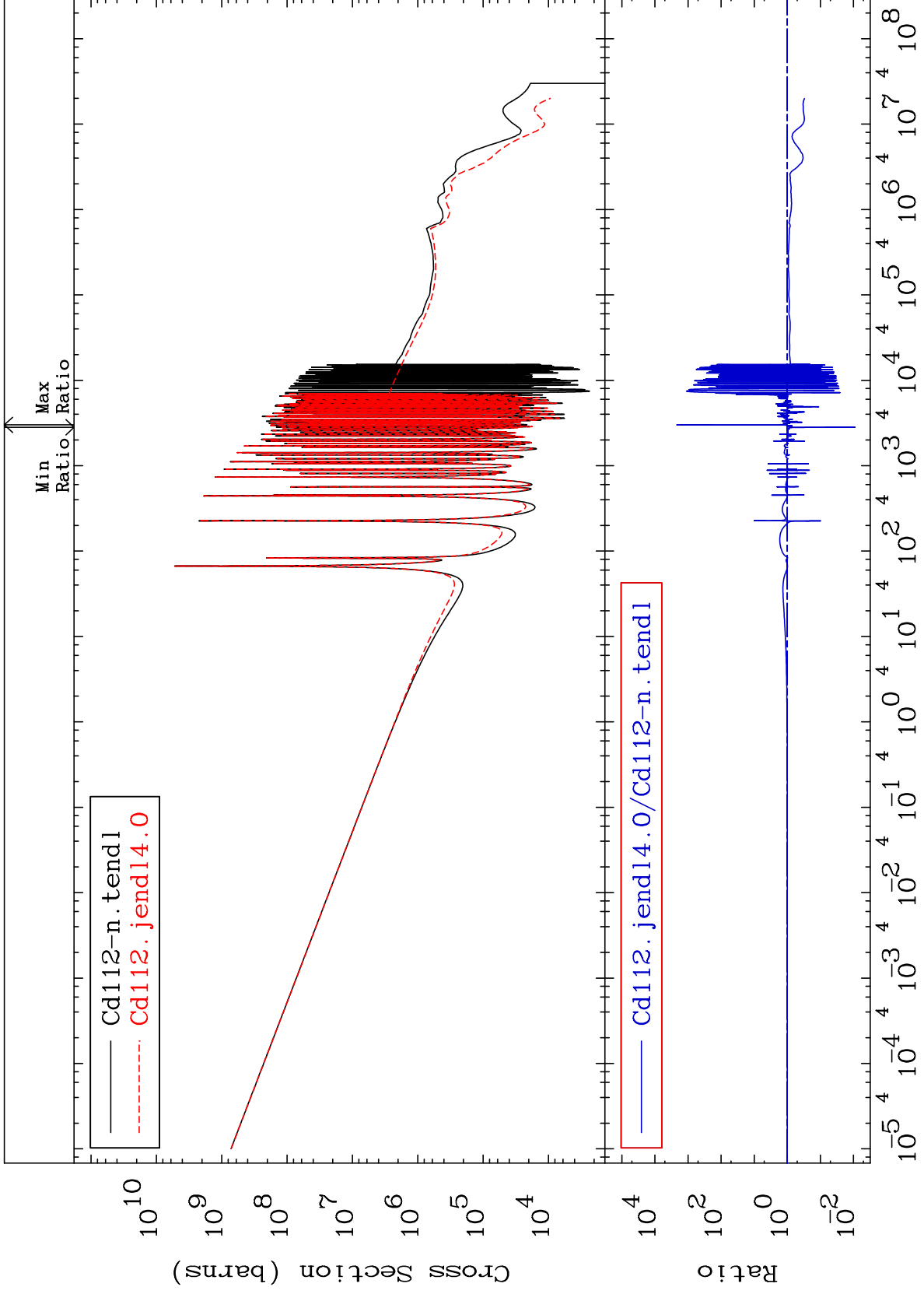
Incident Energy (eV)

48-Cd-112

MAT 4843

Kerma capture (mt102)  
Cross Section

48-Cd-112  
-99.11 To 9999. %



56

Incident Energy (eV)

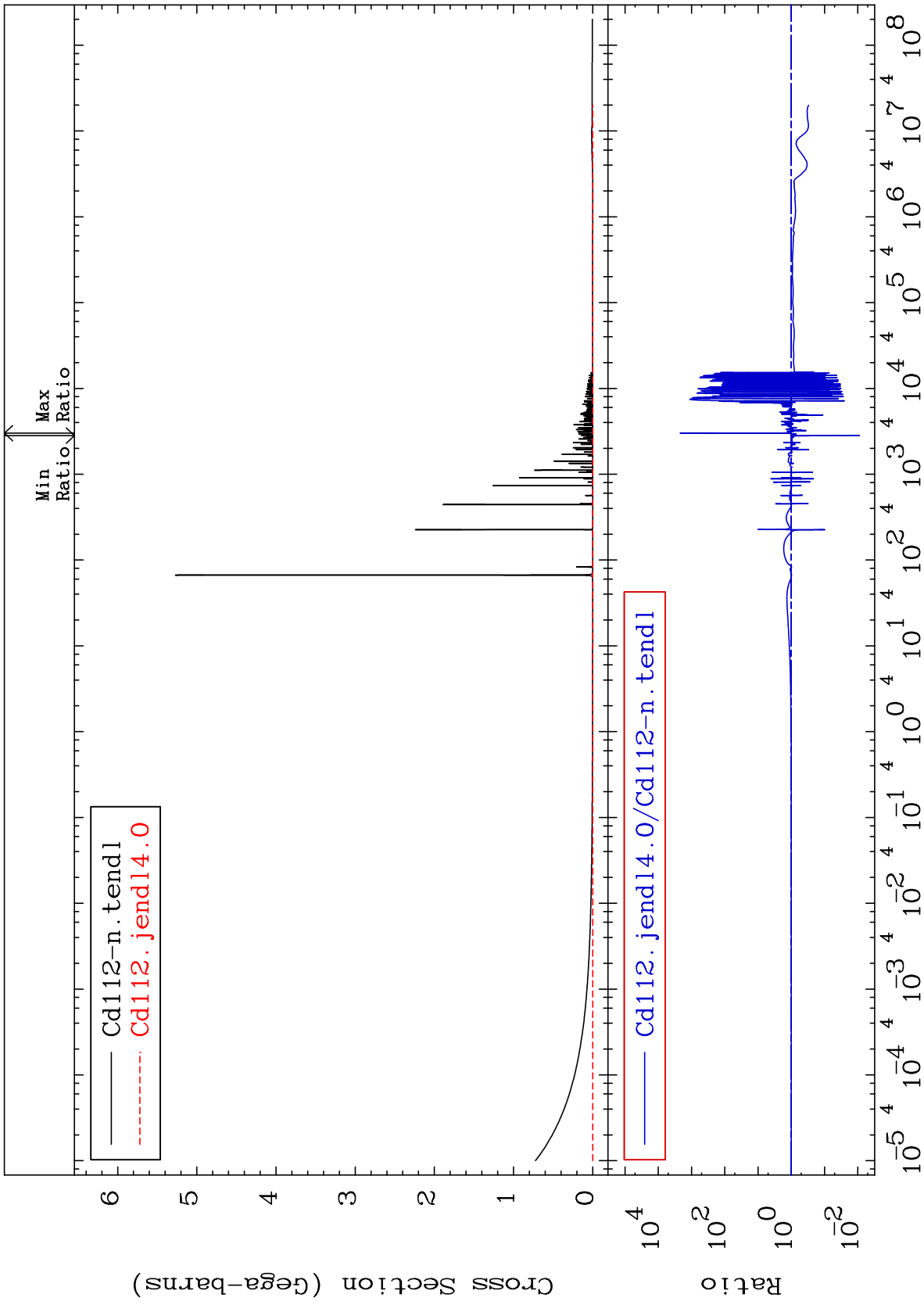
48-Cd-112



MAT 4843

Total photon (eV-barns)  
Cross Section

48-Cd-112  
-99.11 To 9999. %



57

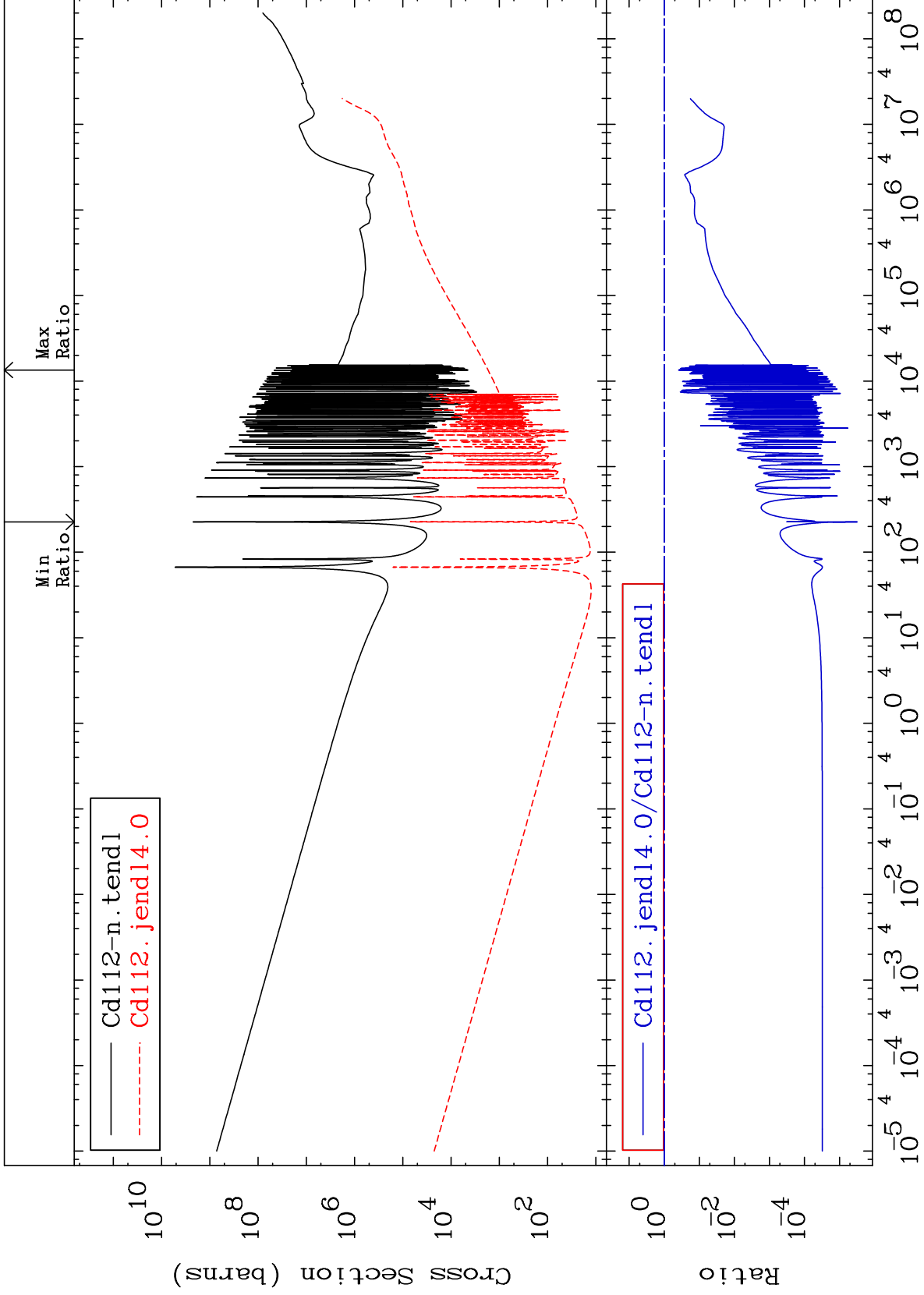
Incident Energy (eV)

48-Cd-112

MAT 4843

Total kinematic kerma (high limit)  
Cross Section

48-Cd-112  
-100.0 To -61.17%



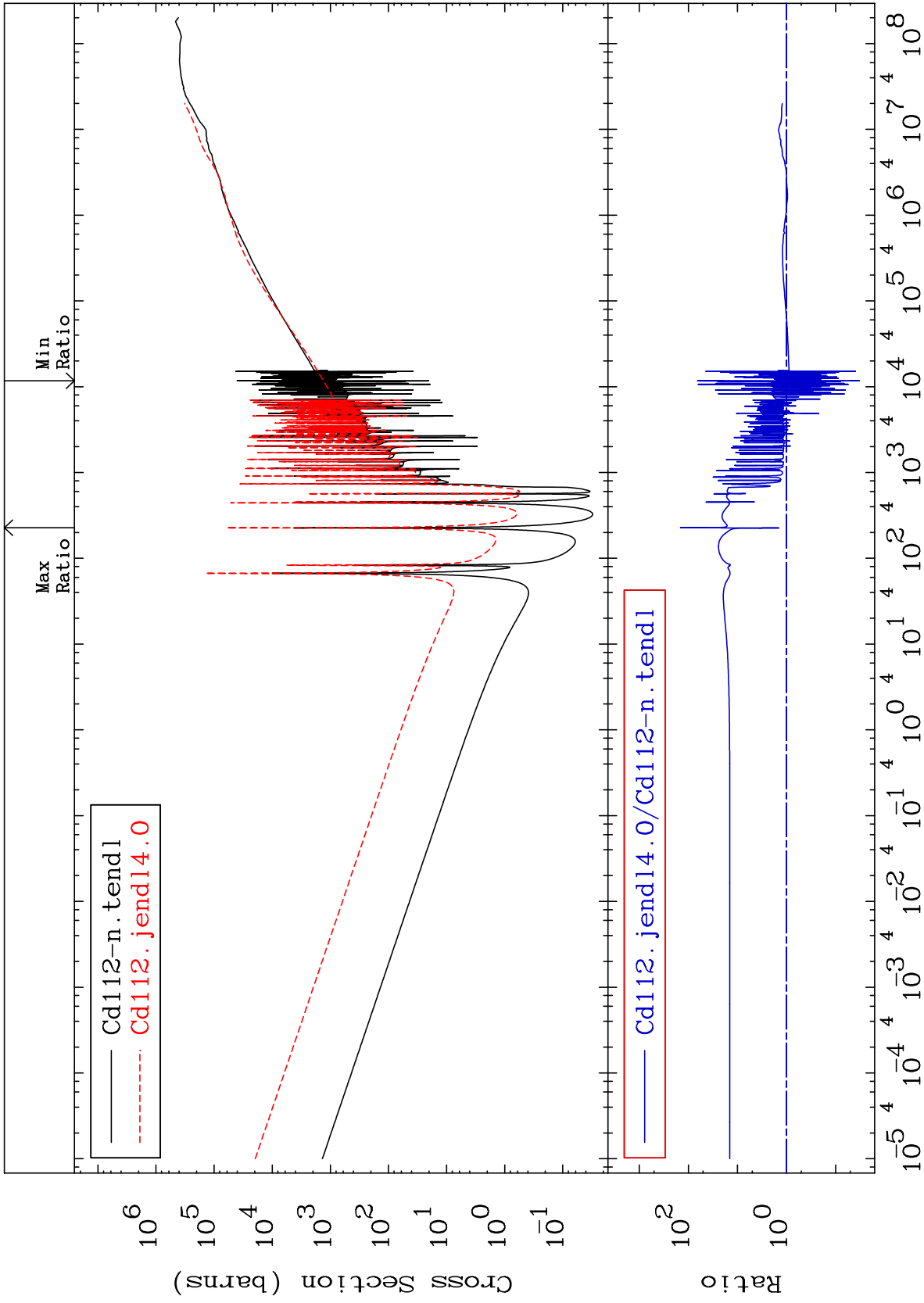
MAT 4843

Dpa total (eV-barns)

48-Cd-112

-96.74 To 9999. %

Cross Section



59

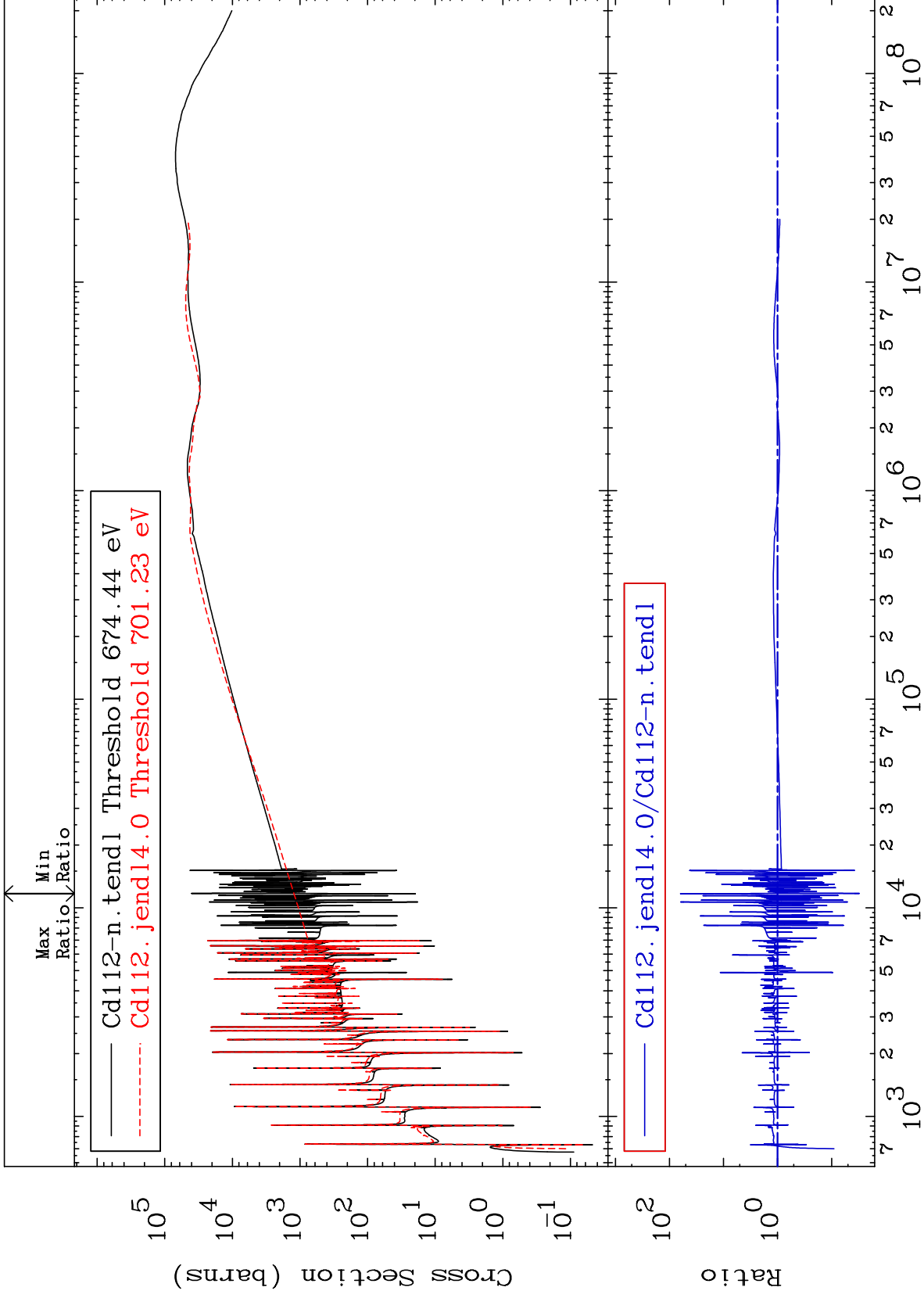
Incident Energy (eV)

48-Cd-112

MAT 4843

Dpa elastic (mt2)  
Cross Section

48-Cd-112  
-96.94 To 6179. %



60

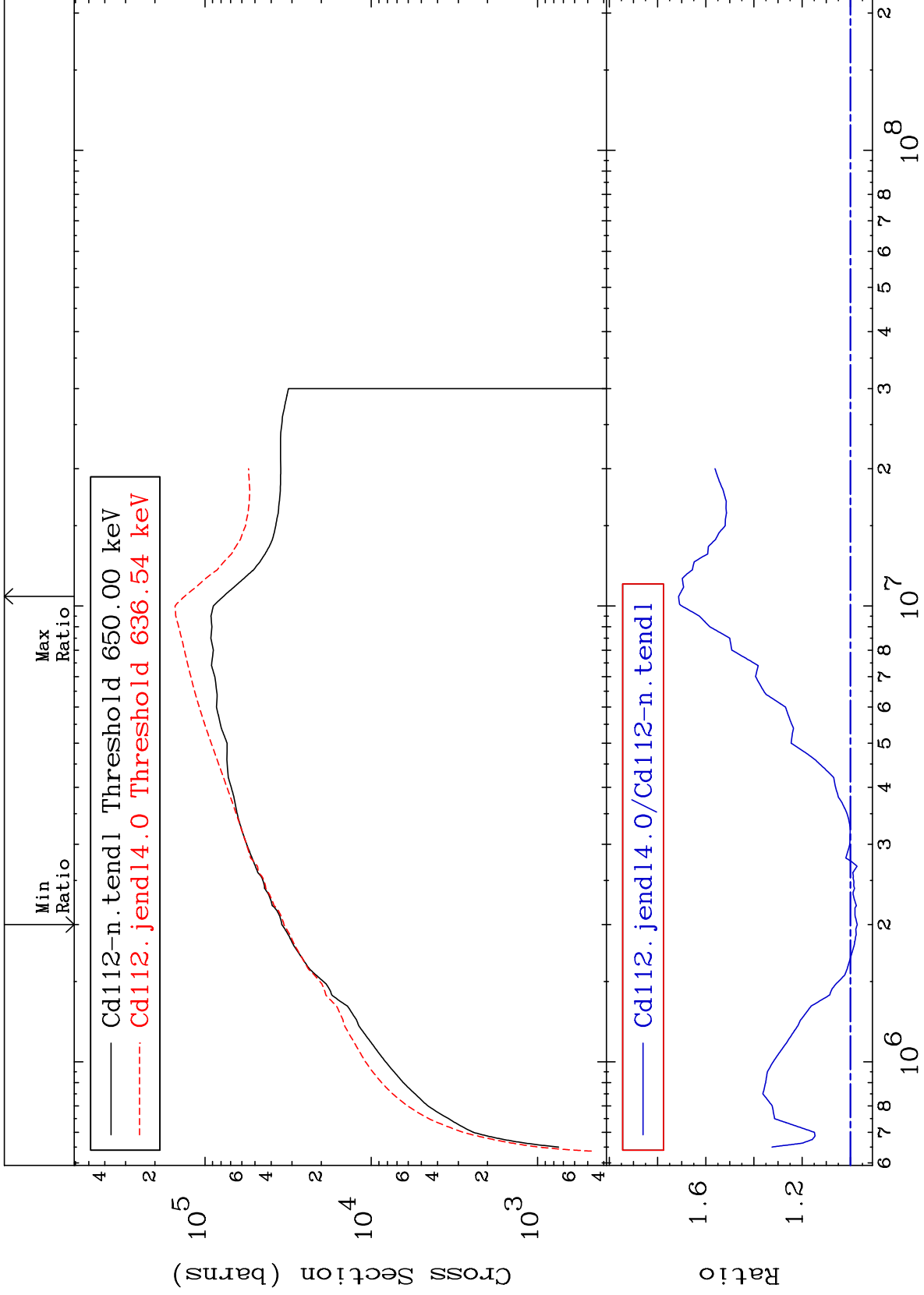
Incident Energy (eV)

48-Cd-112

MAT 4843

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-112  
-2.835 To 71.24 %



61

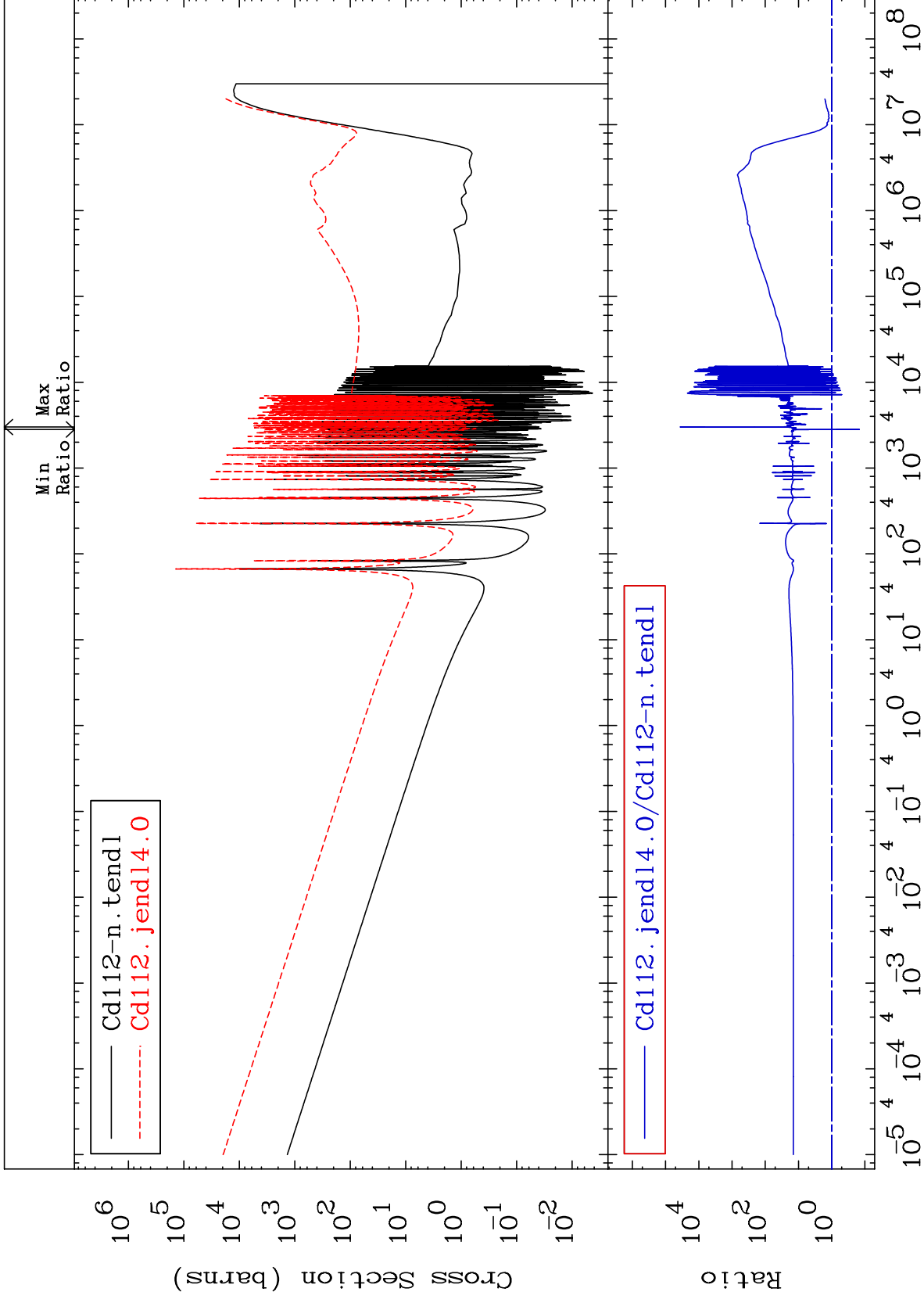
Incident Energy (eV)

48-Cd-112

MAT 4843

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-112  
-85.38 To 9999. %



62

Incident Energy (eV)

48-Cd-112