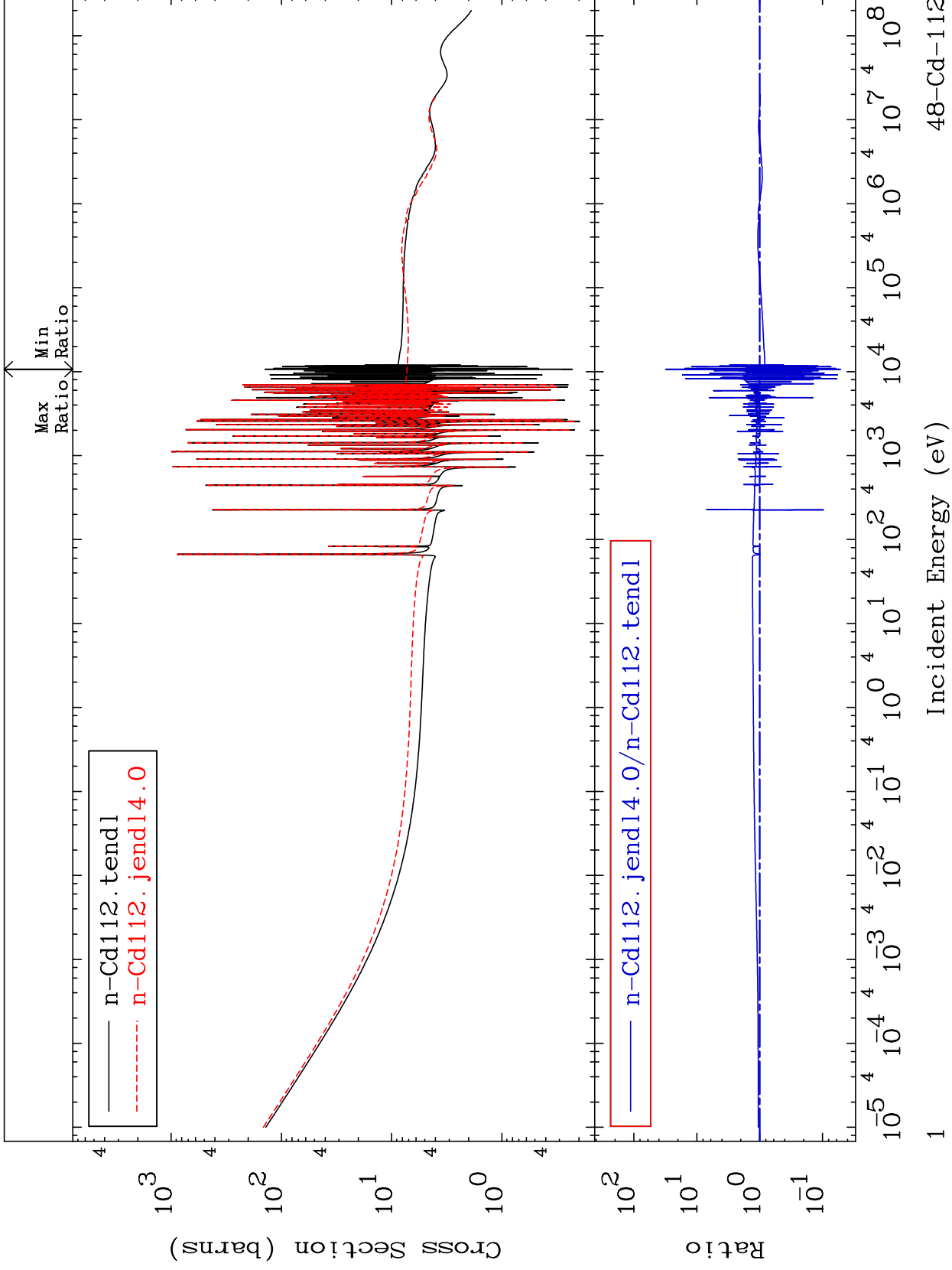


MAT 4843

Total  
Cross Section

48-Cd-112  
-94.84 To 3049. %

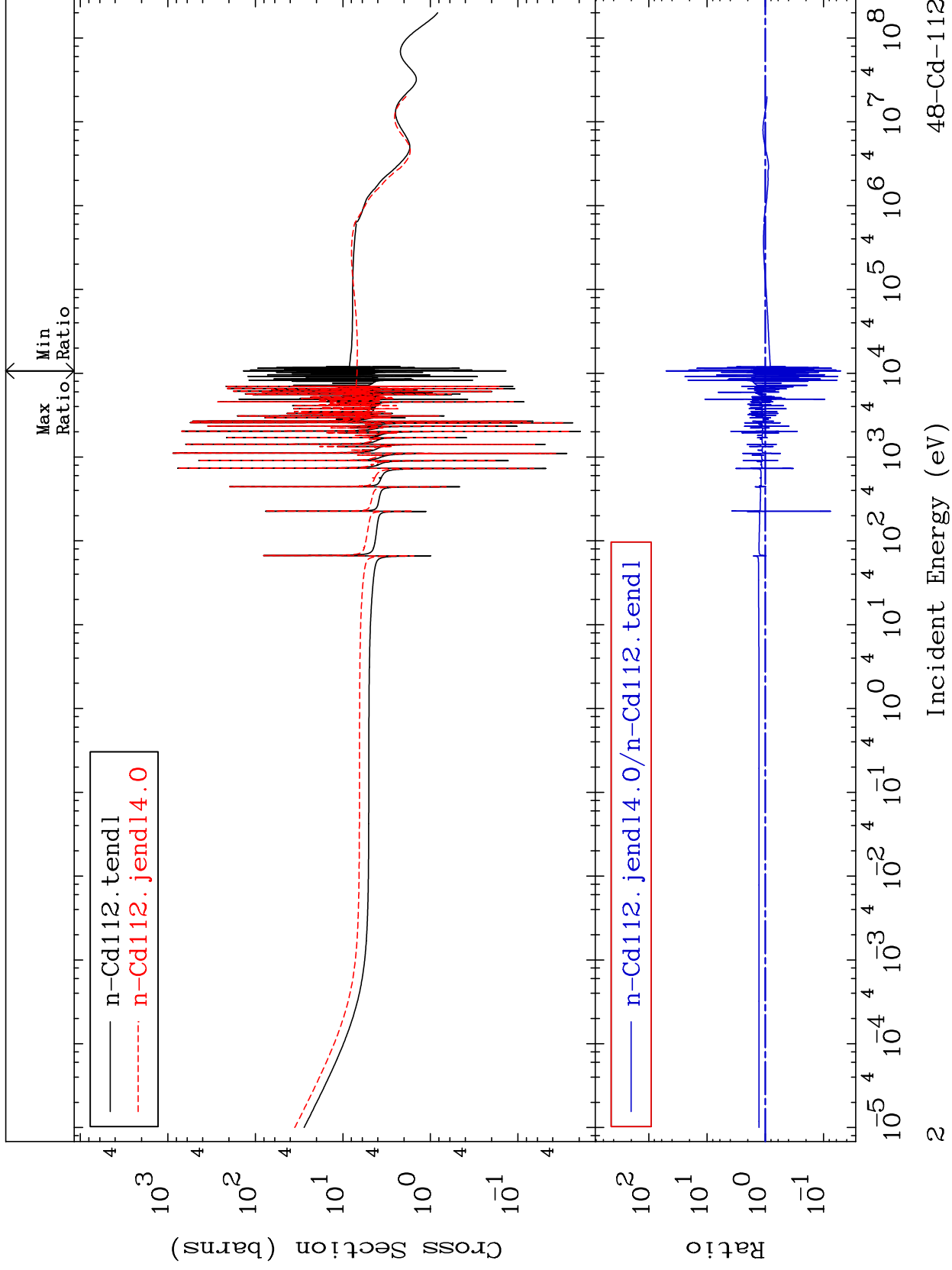


48-Cd-112

MAT 4843

Elastic  
Cross Section

48-Cd-112  
-94.96 To 4965. %



48-Cd-112

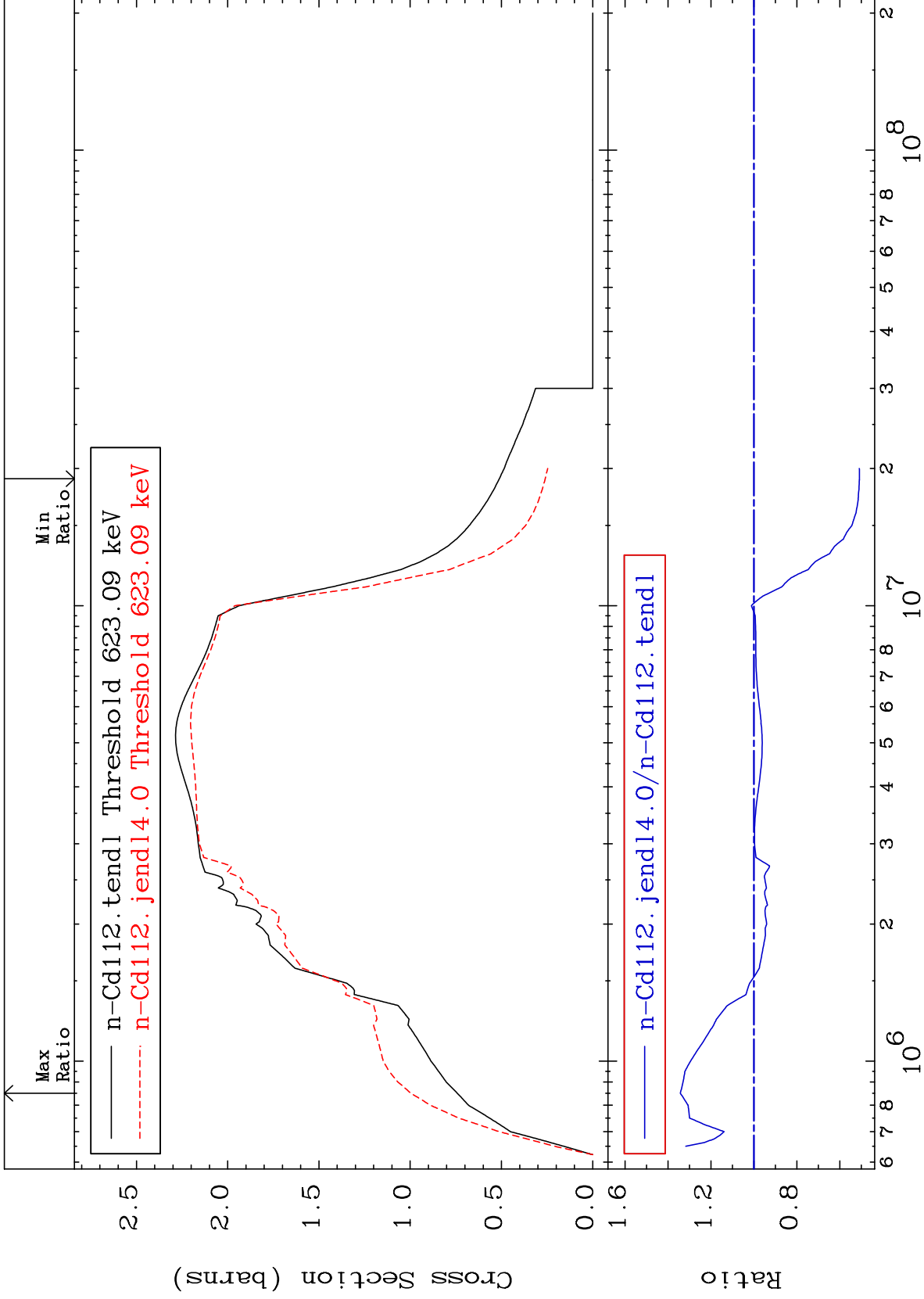
Incident Energy (eV)

2

MAT 4843

Inelastic  
Cross Section

48-Cd-112  
-49.17 To 34.27 %



3

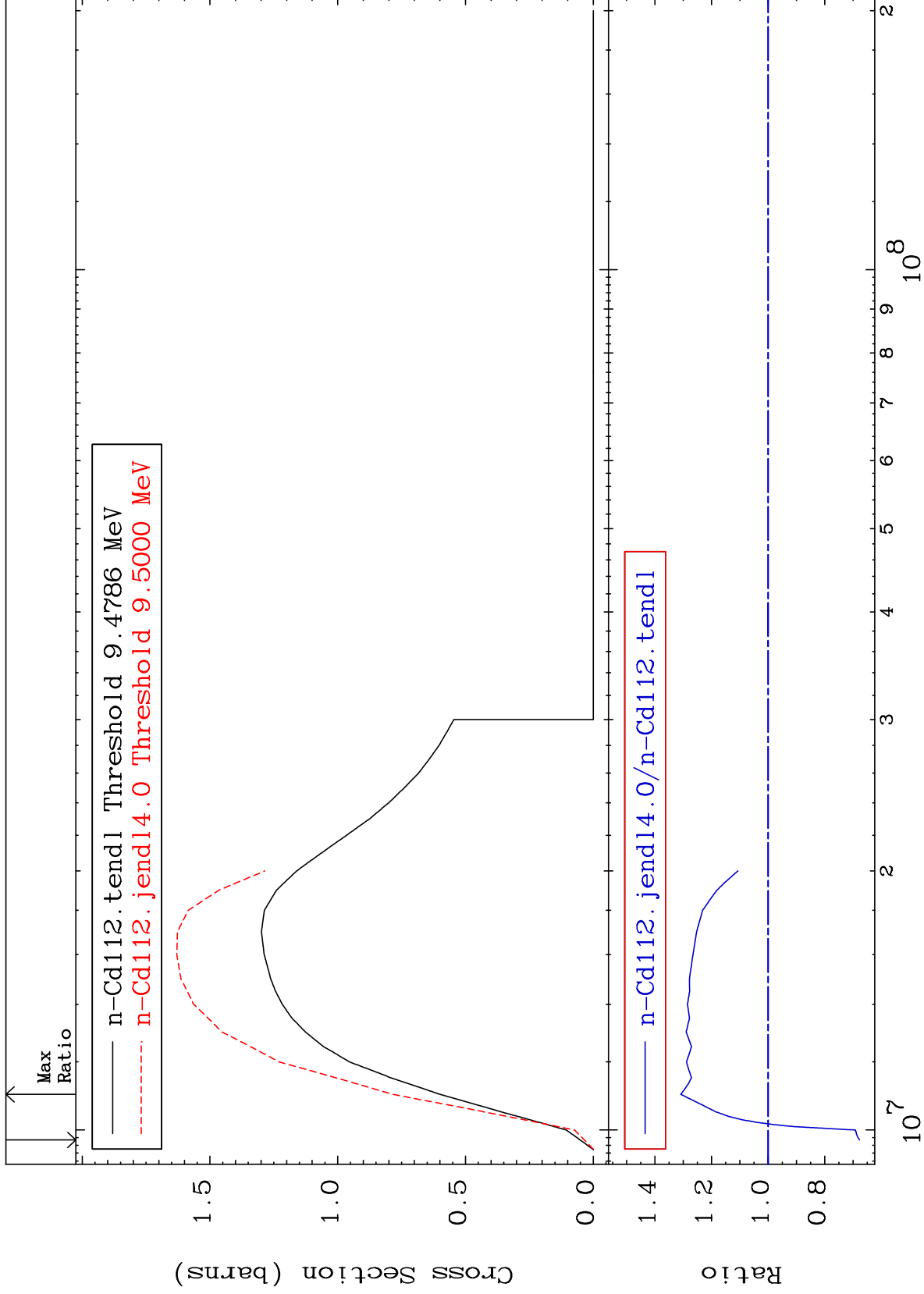
48-Cd-112

48-Cd-112

MAT 4843

(n,2n)  
Cross Section

48-Cd-112  
-32.30 To 30.89 %



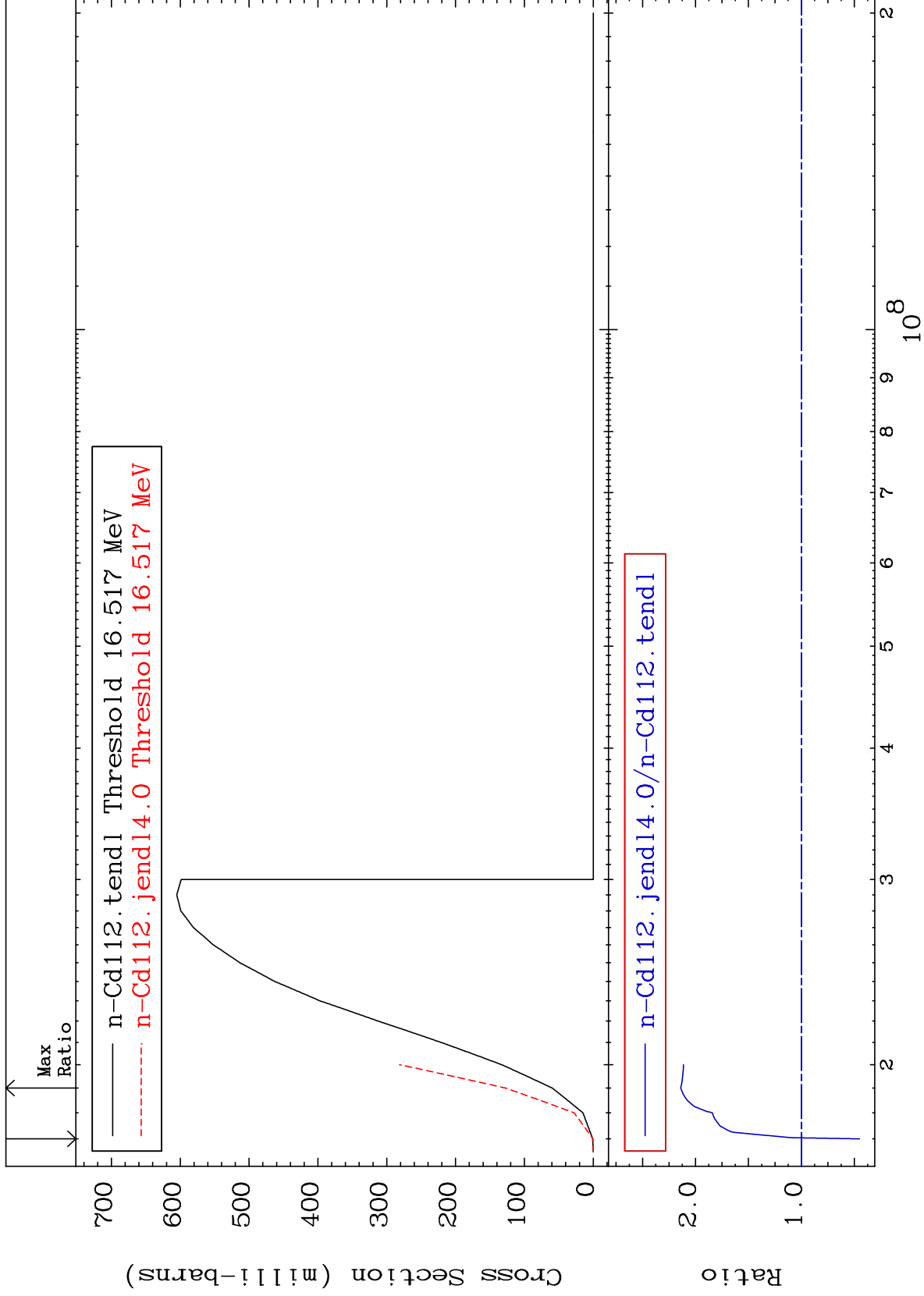
Incident Energy (eV)

48-Cd-112

MAT 4843

(n,3n)  
Cross Section

48-Cd-112  
-54.86 To 113.9 %



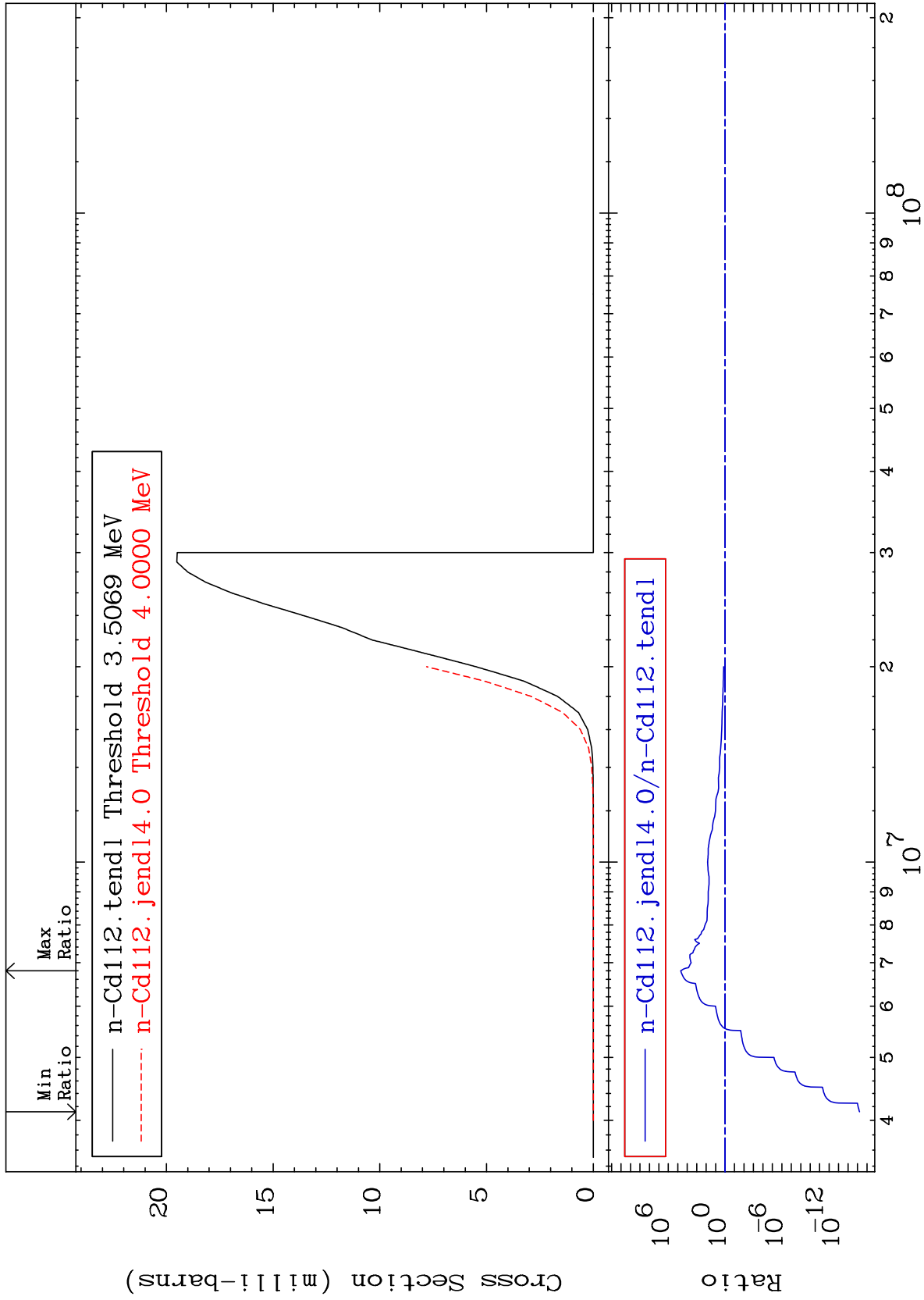
MAT 4843

(n,n')  $\alpha$

48-Cd-112

Cross Section

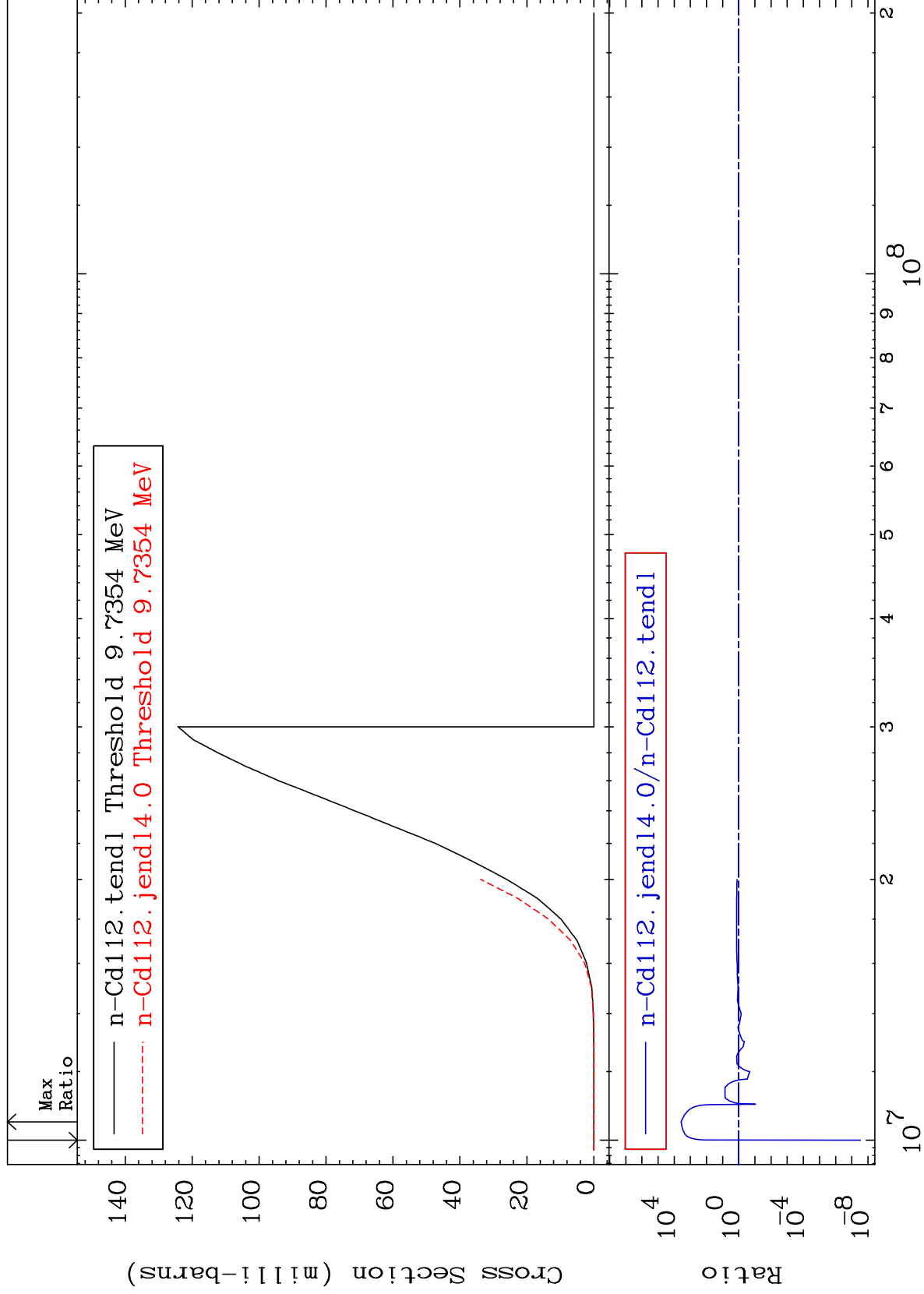
-100.0 To 9999. %



MAT 4843

(n,n') p  
Cross Section

48-Cd-112  
-100.0 To 9999. %



Incident Energy (eV)

48-Cd-112

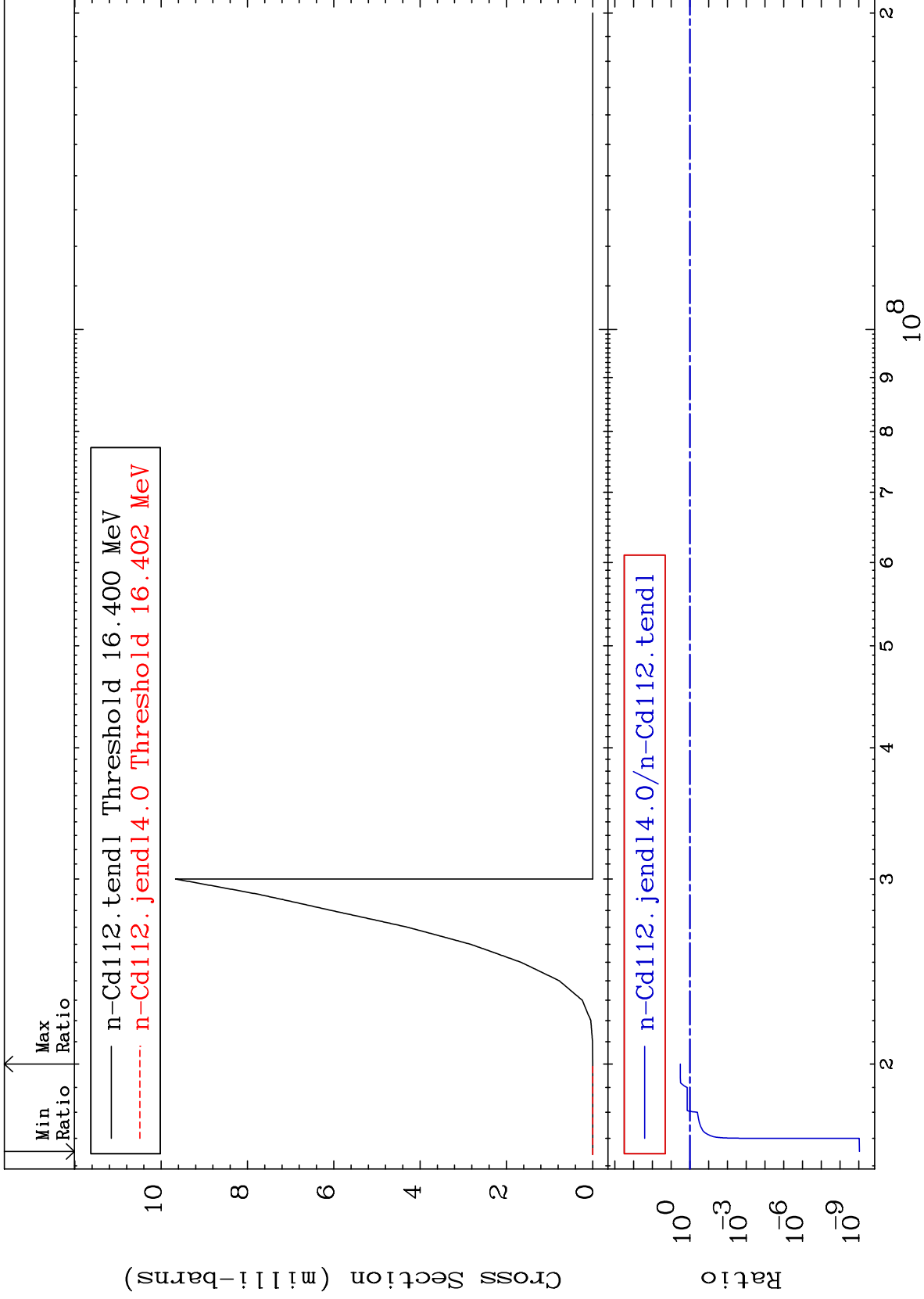
MAT 4843

(n,n') d

48-Cd-112

Cross Section

-100.0 To 220.6 %

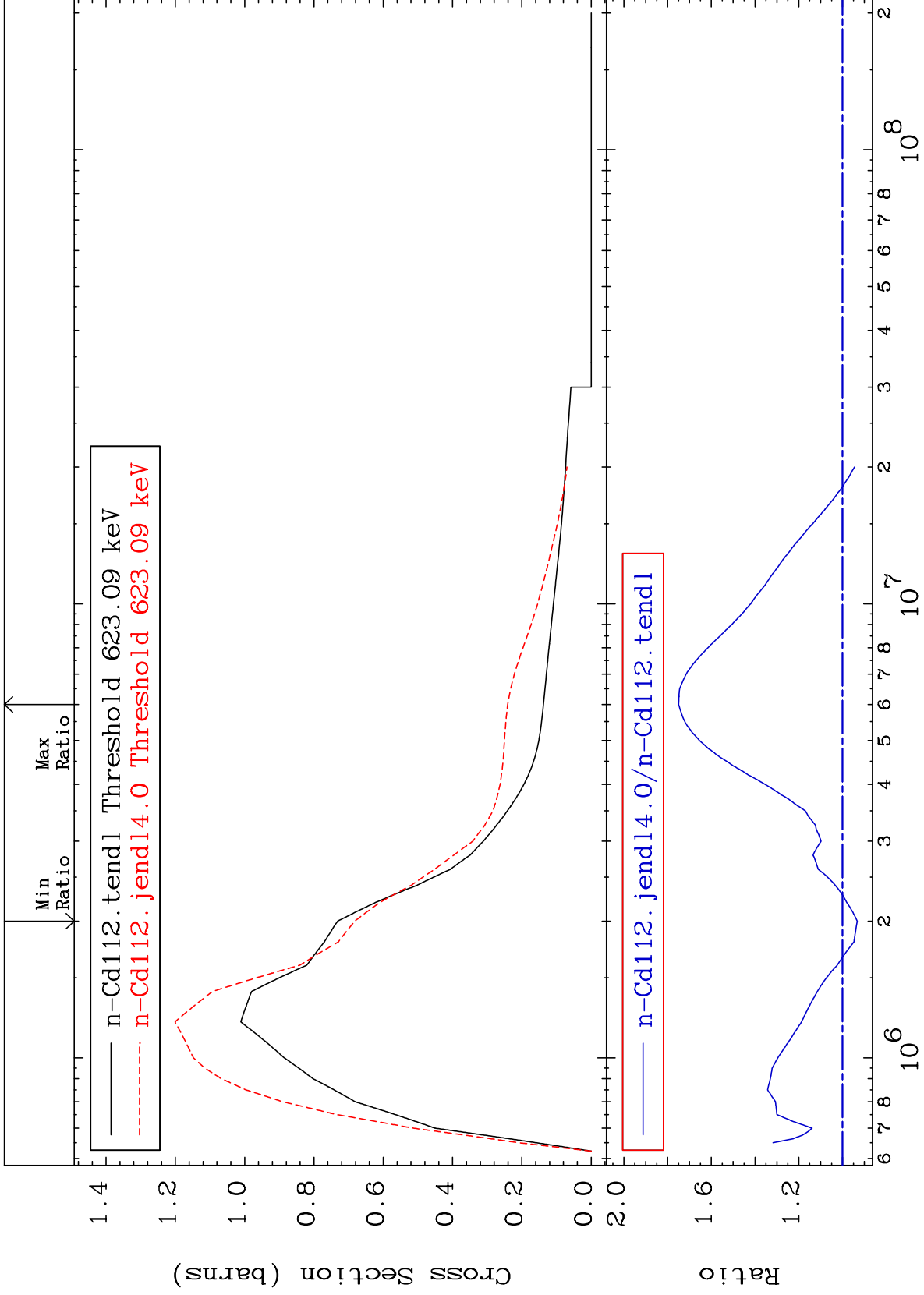




MAT 4843

MT= 51 (n,n') Level  
Cross Section

48-Cd-112  
-6.749 To 74.95 %



9

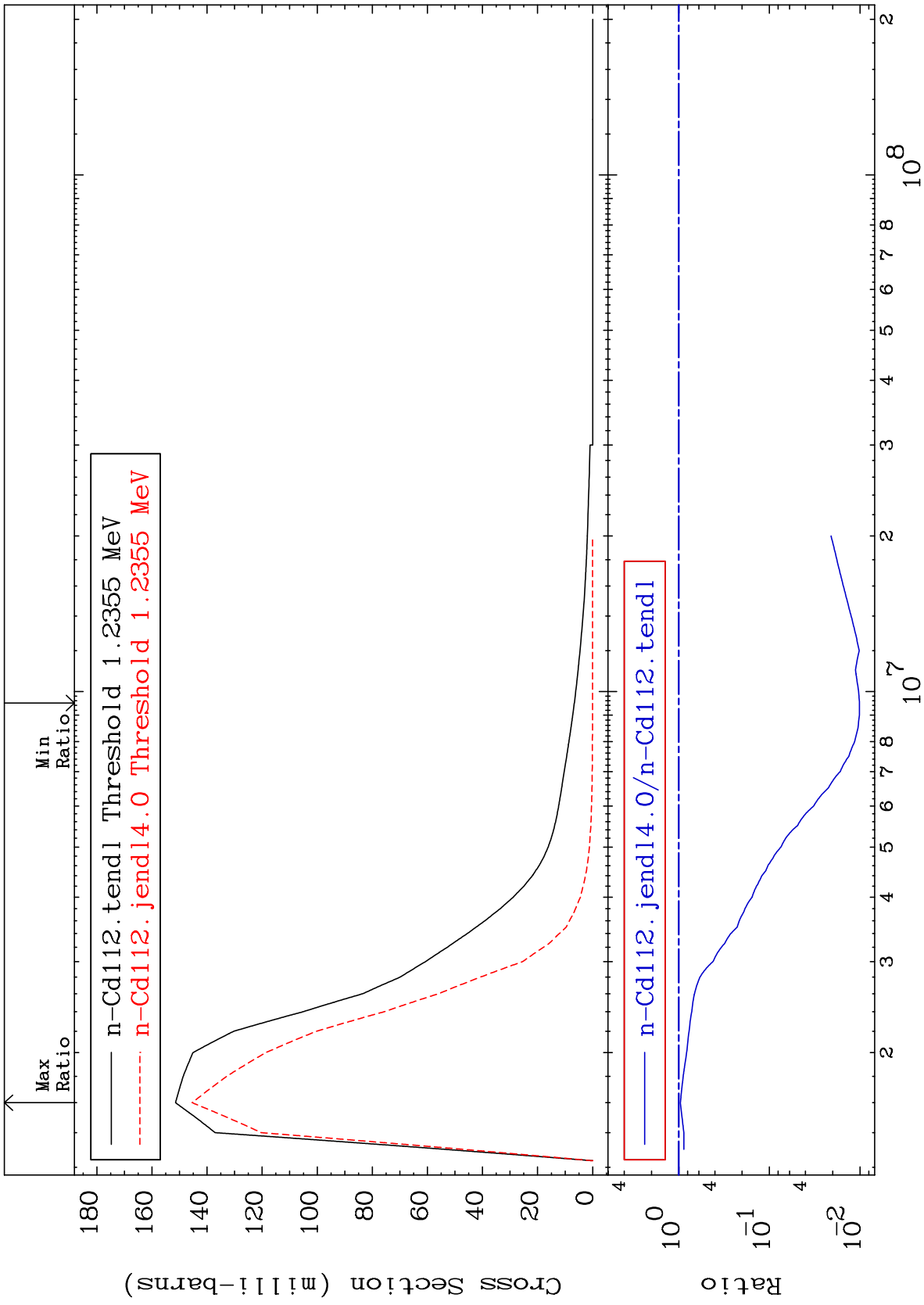
Incident Energy (eV)

48-Cd-112

MAT 4843

MT= 52 (n,n') Level  
Cross Section

48-Cd-112  
-98.98 To -4.002%



10

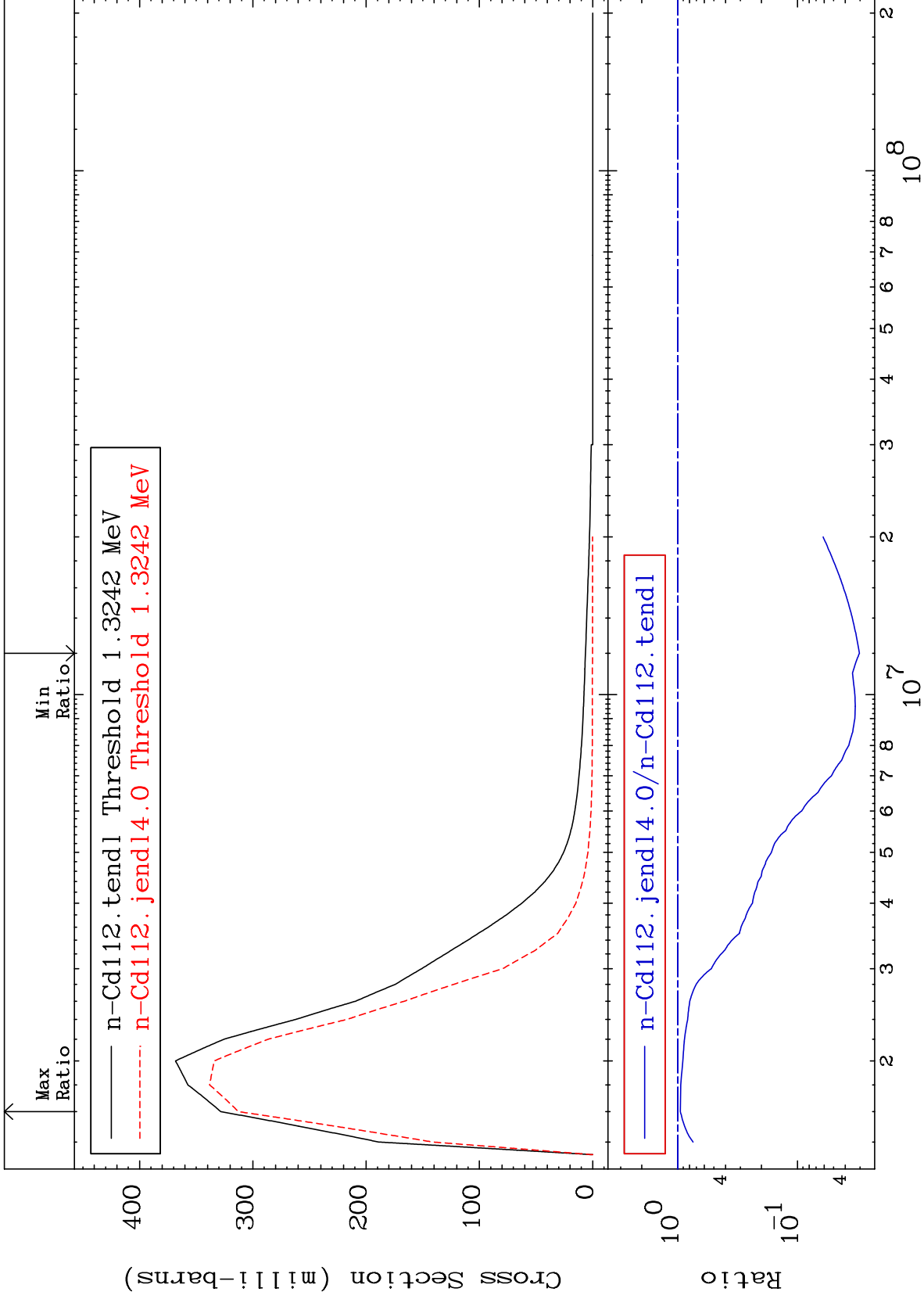
Incident Energy (eV)

48-Cd-112

MAT 4843

MT= 53 (n,n') Level  
Cross Section

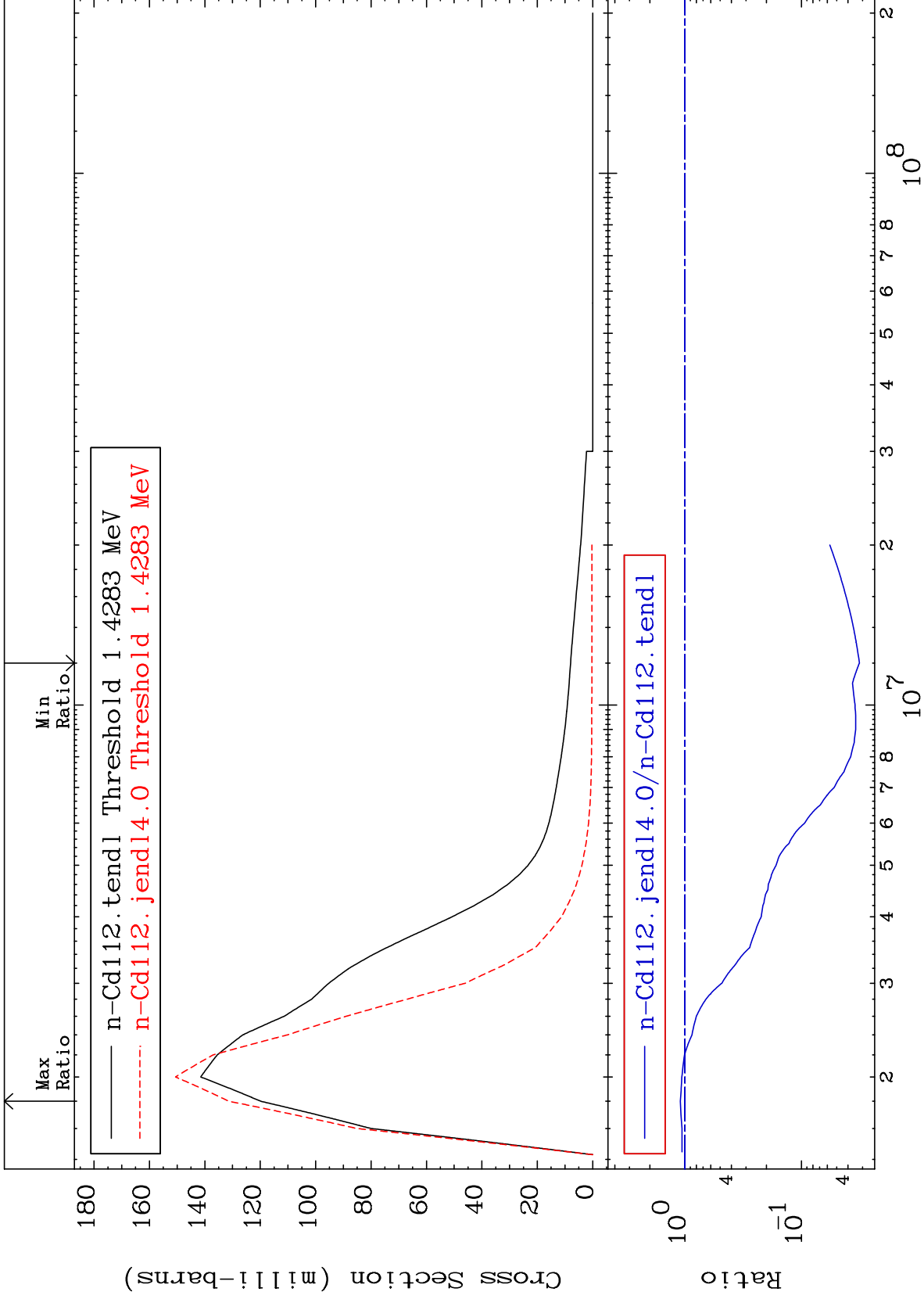
48-Cd-112  
-96.96 To -4.761%



MAT 4843

MT= 54 (n,n') Level  
Cross Section

48-Cd-112  
-96.81 To 9.596 %



12

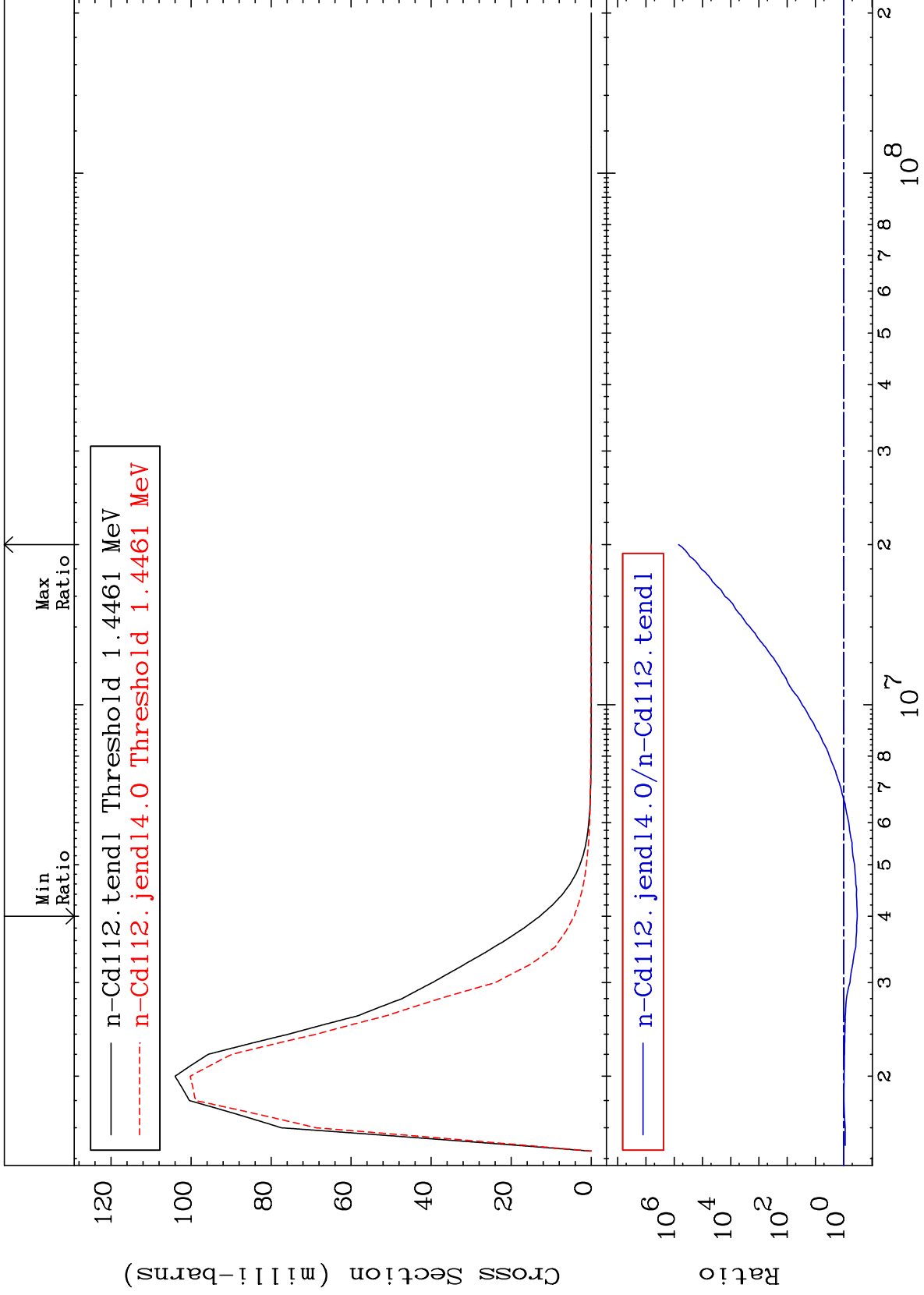
Incident Energy (eV)

48-Cd-112

MAT 4843

MT= 55 (n,n') Level  
Cross Section

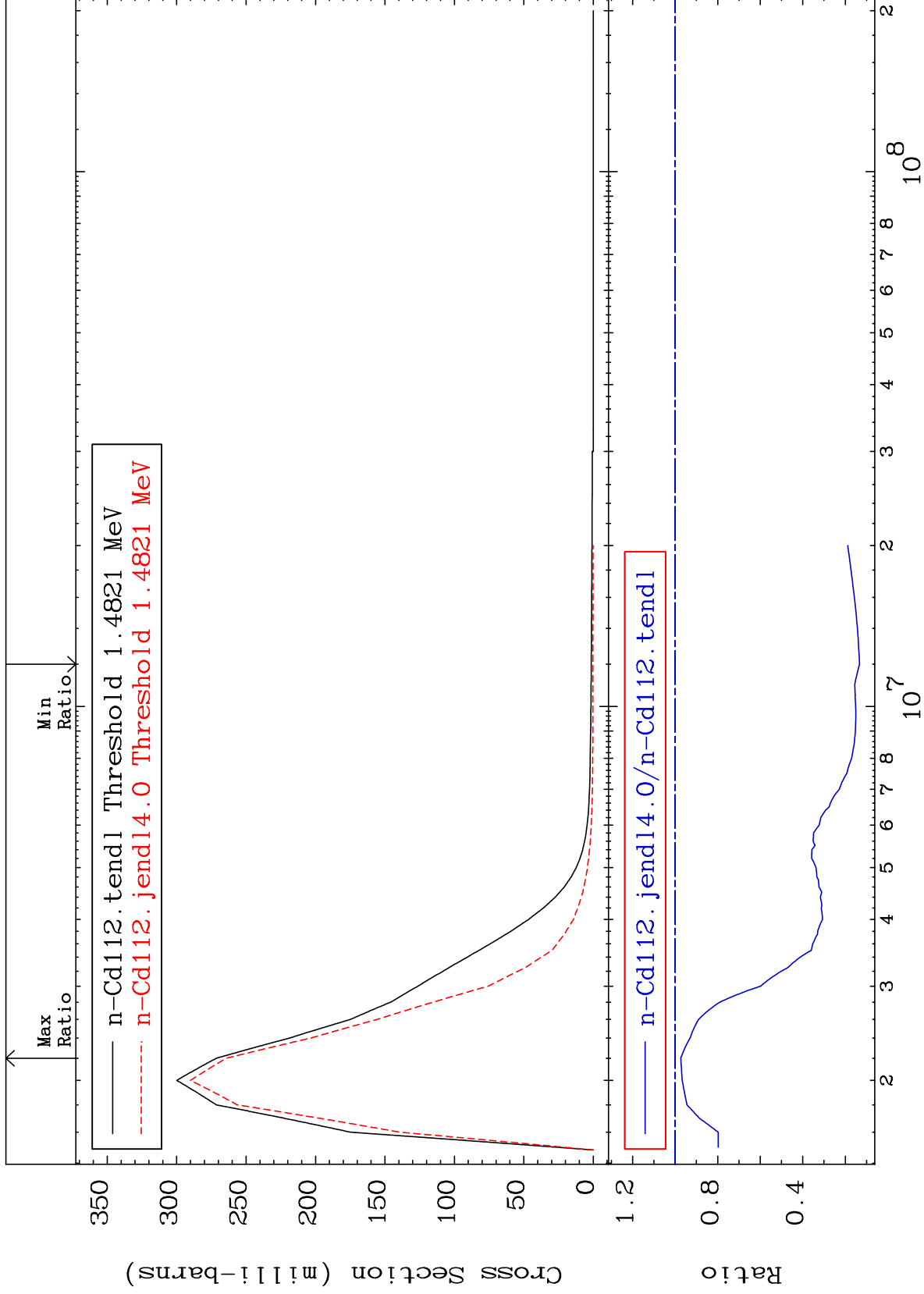
48-Cd-112  
-66.95 To 9999. %



MAT 4843

MT= 56 (n,n') Level  
Cross Section

48-Cd-112  
-86.71 To -2.643%



14

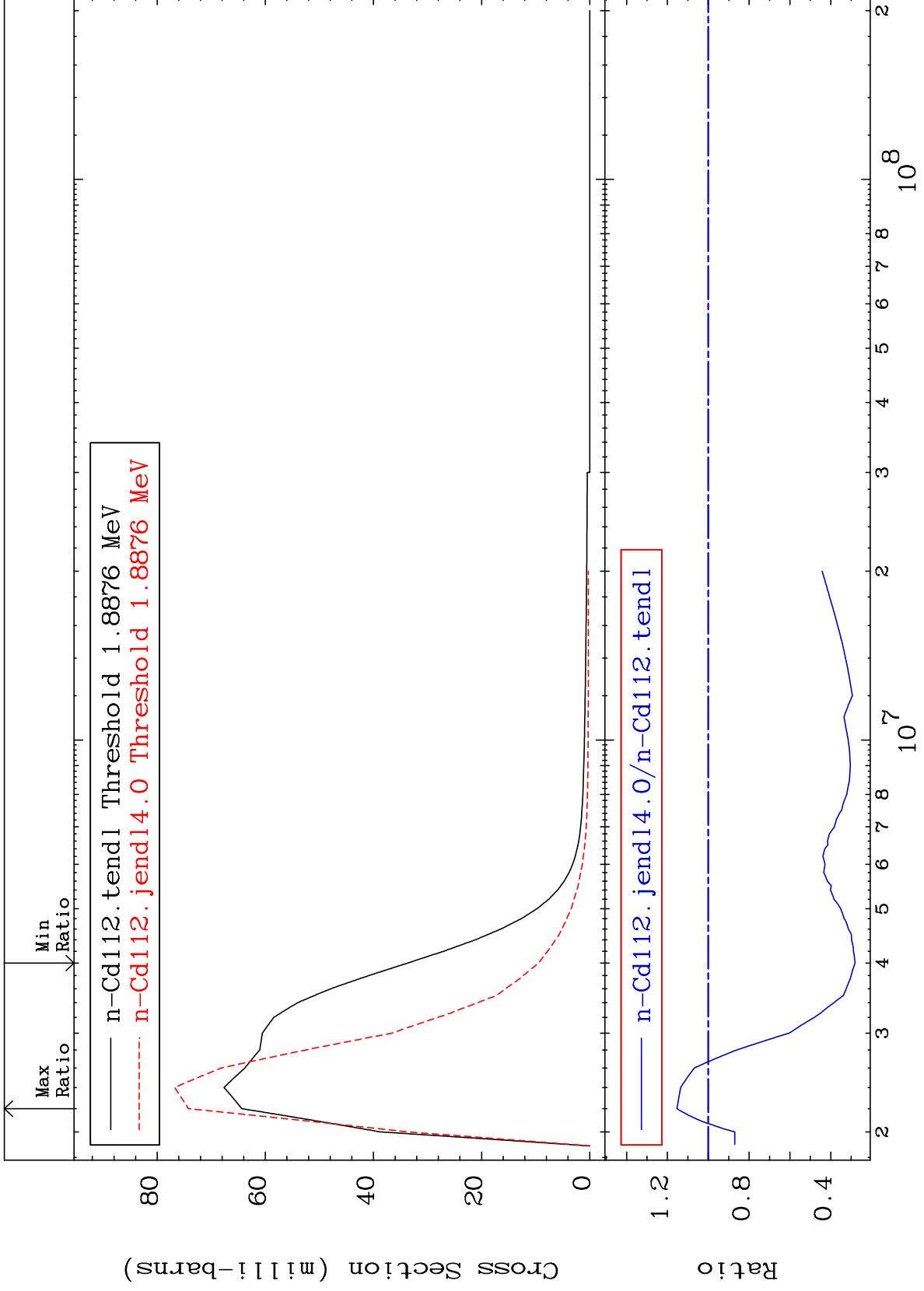
Incident Energy (eV)

48-Cd-112

MAT 4843

MT= 57 (n,n') Level  
Cross Section

48-Cd-112  
-71.89 To 15.34 %



15

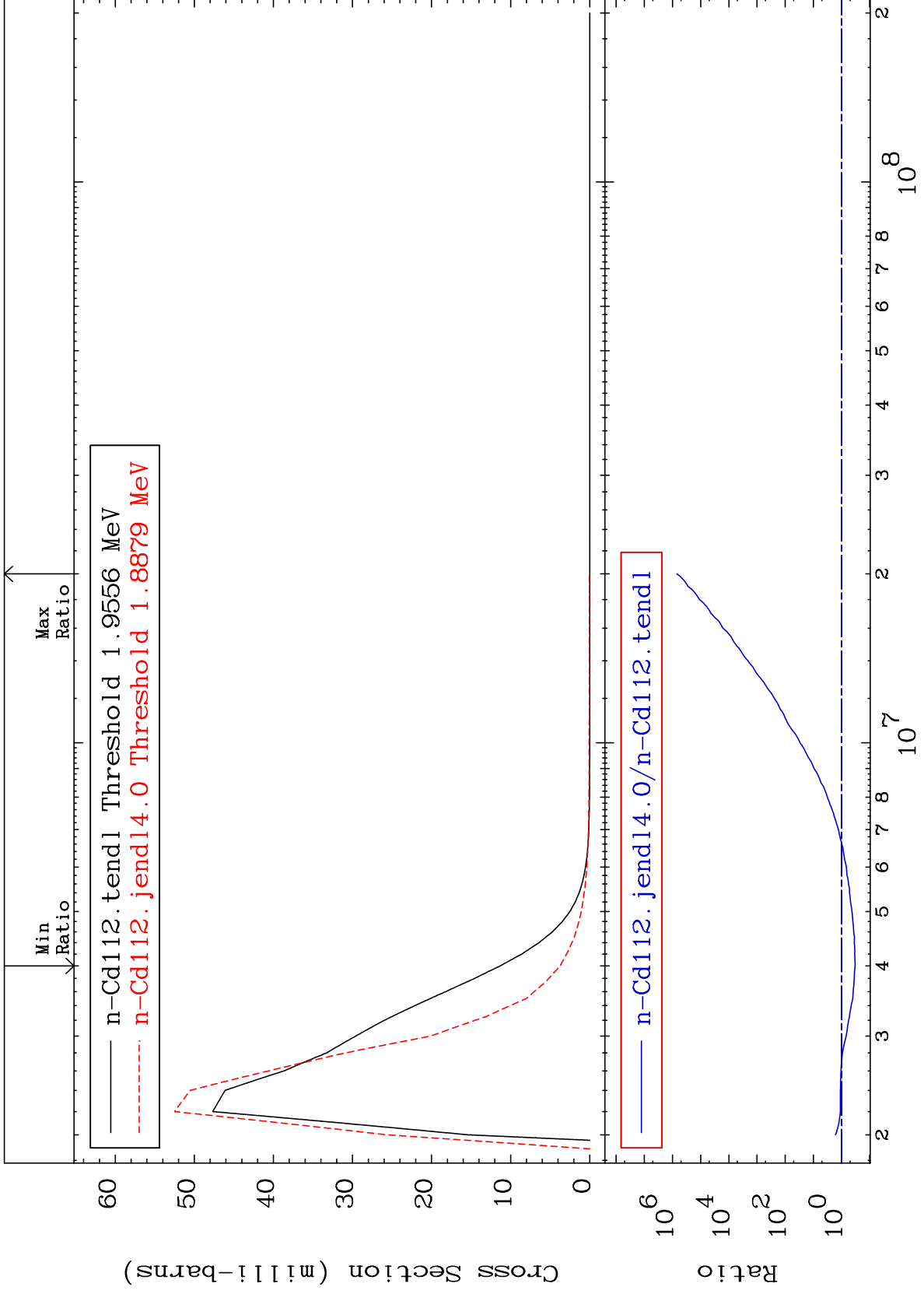
Incident Energy (eV)

48-Cd-112

MAT 4843

MT= 58 (n,n') Level  
Cross Section

48-Cd-112  
-66.98 To 9999. %

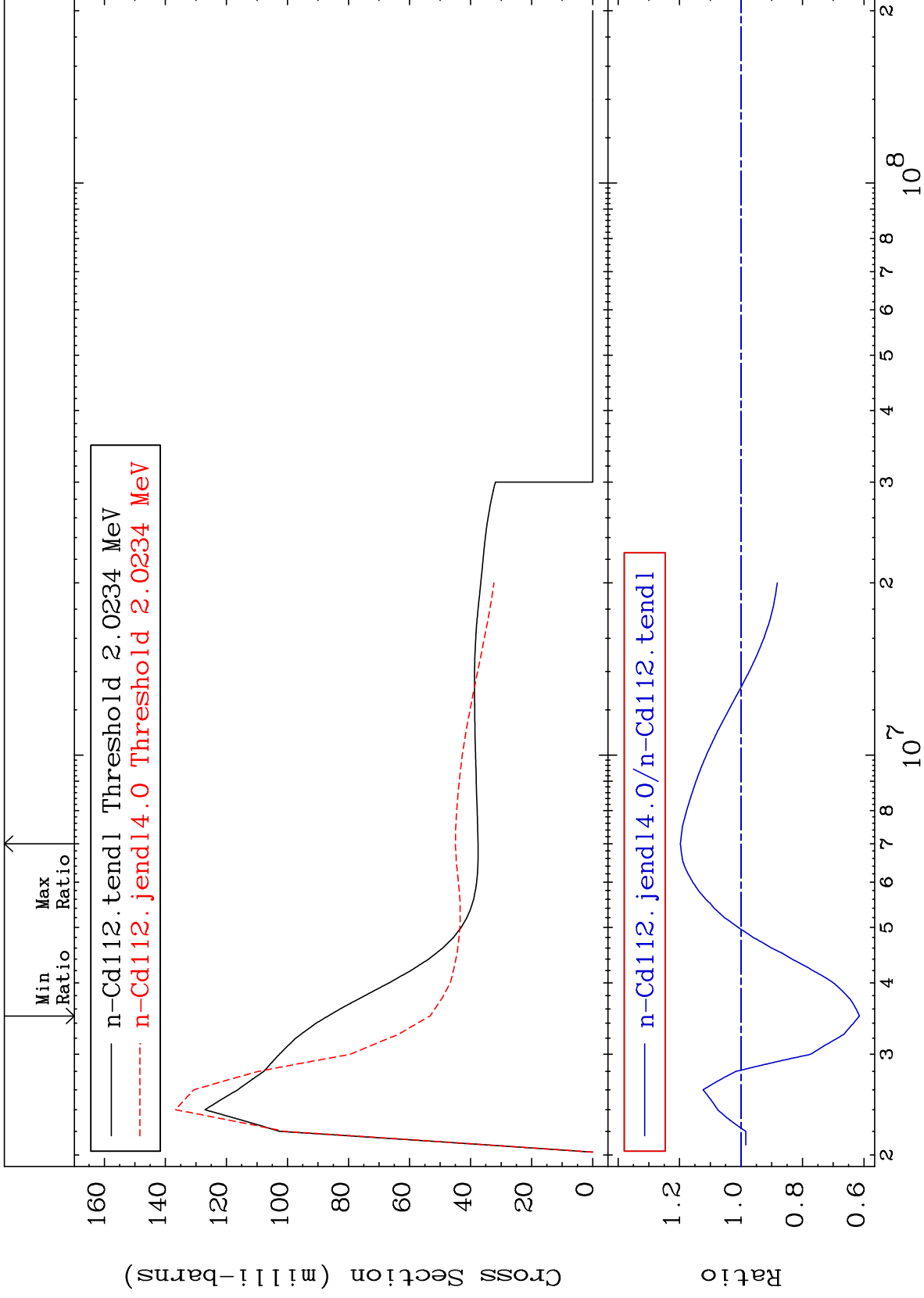




MAT 4843

MT= 59 (n,n') Level  
Cross Section

48-Cd-112  
-38.54 To 19.74 %



17

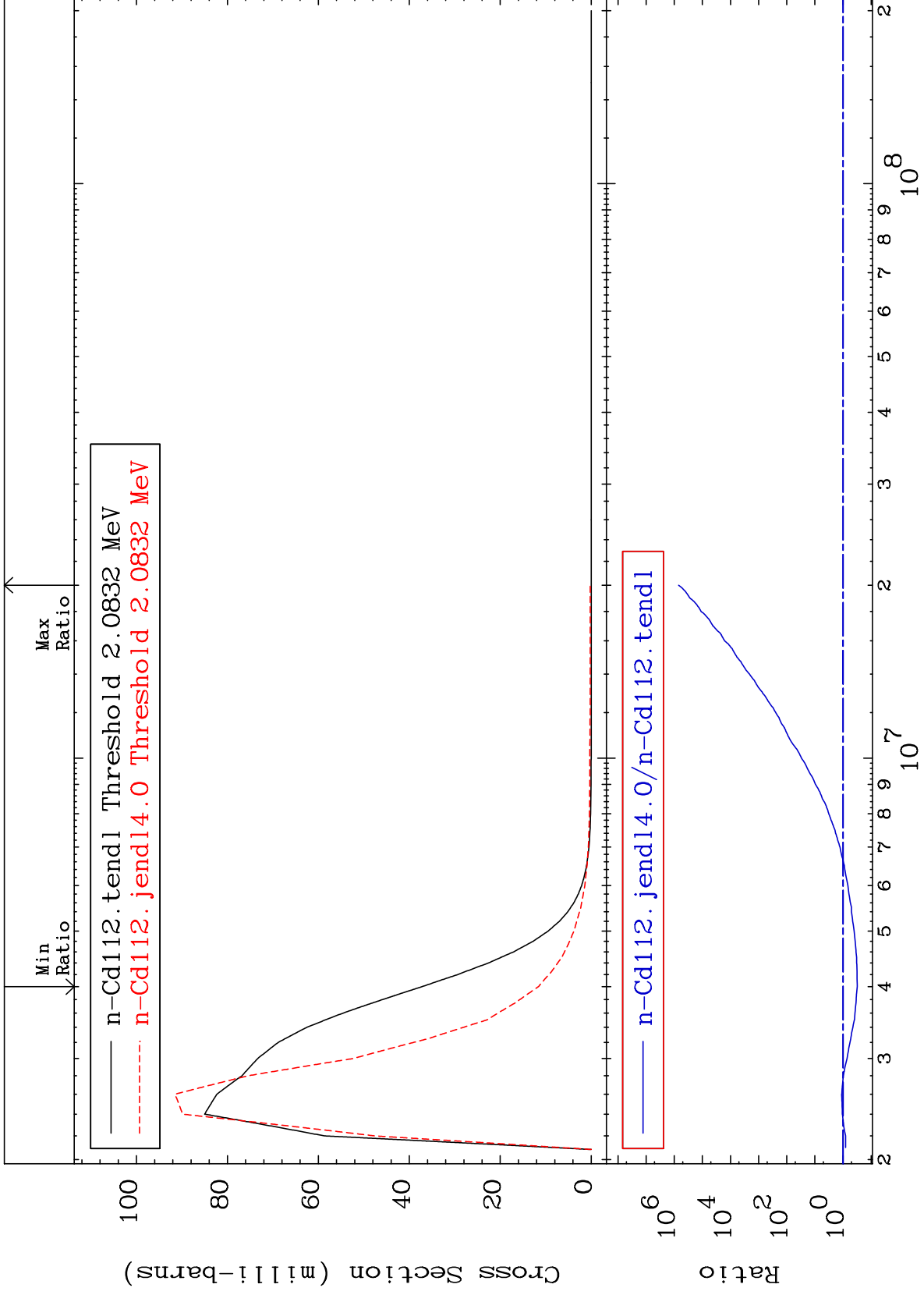
Incident Energy (eV)

48-Cd-112

MAT 4843

MT= 60 (n,n') Level  
Cross Section

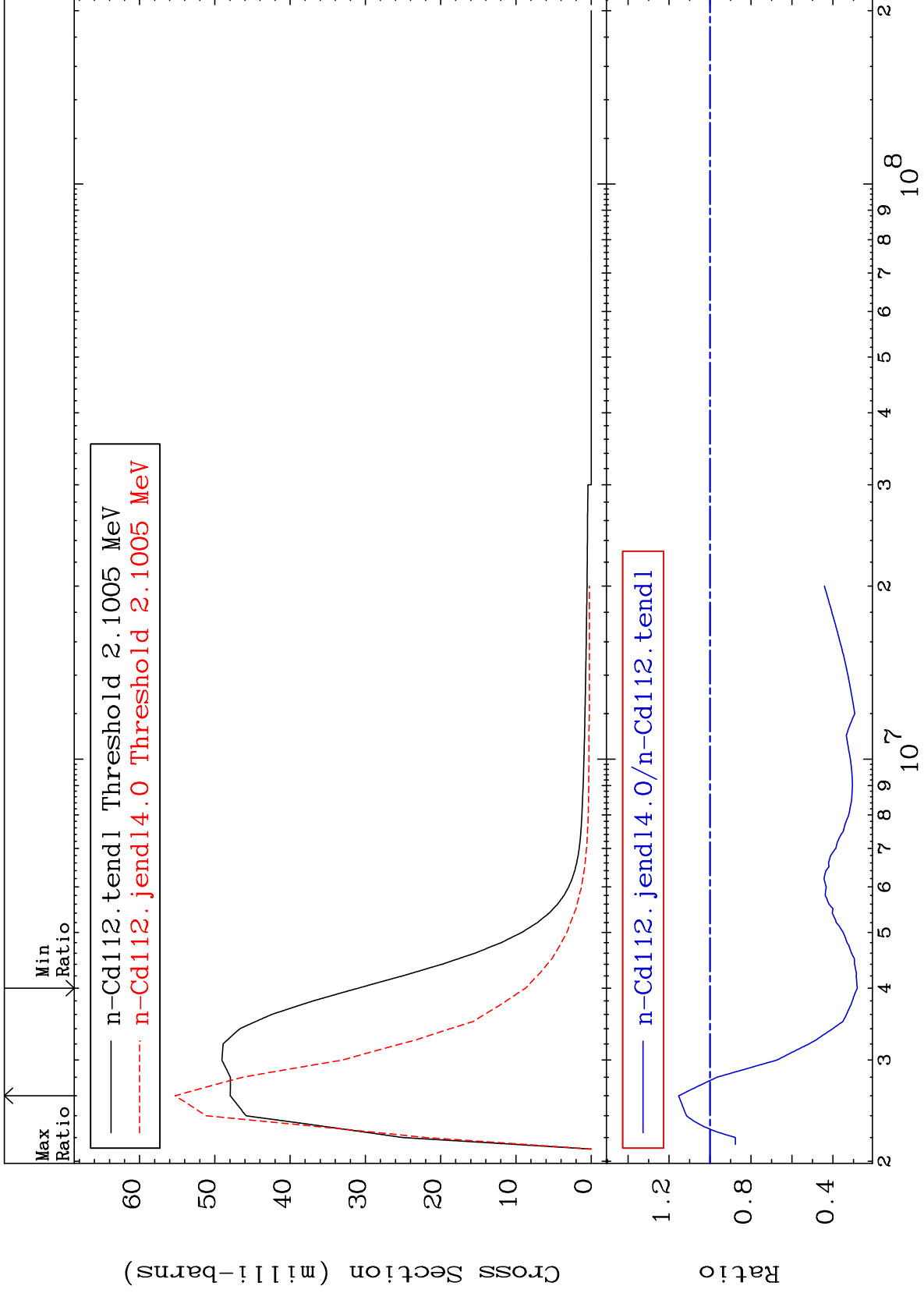
48-Cd-112  
-68.79 To 9999. %



MAT 4843

MT= 61 (n,n') Level  
Cross Section

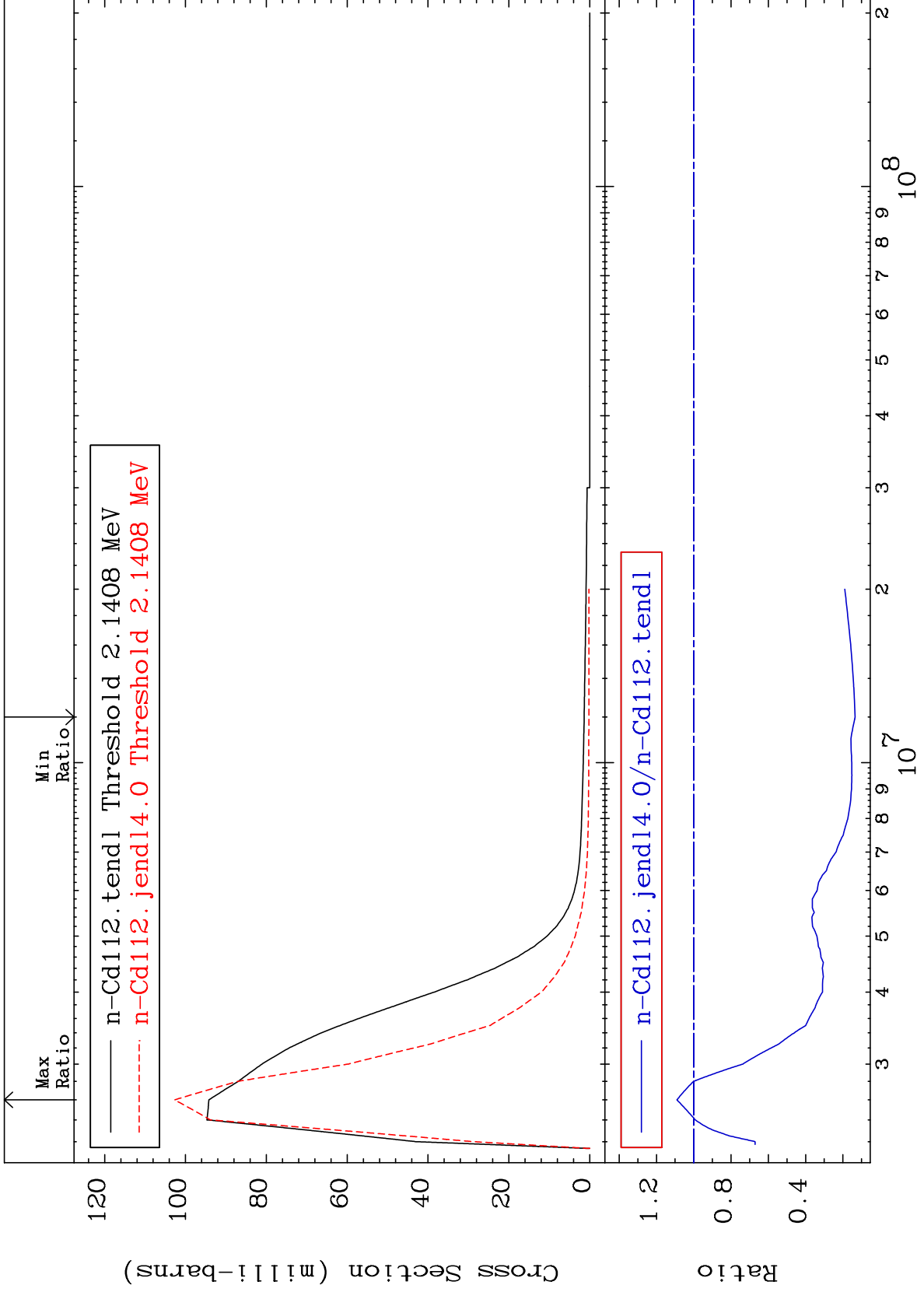
48-Cd-112  
-71.84 To 15.31 %



MAT 4843

MT= 62 (n,n') Level  
Cross Section

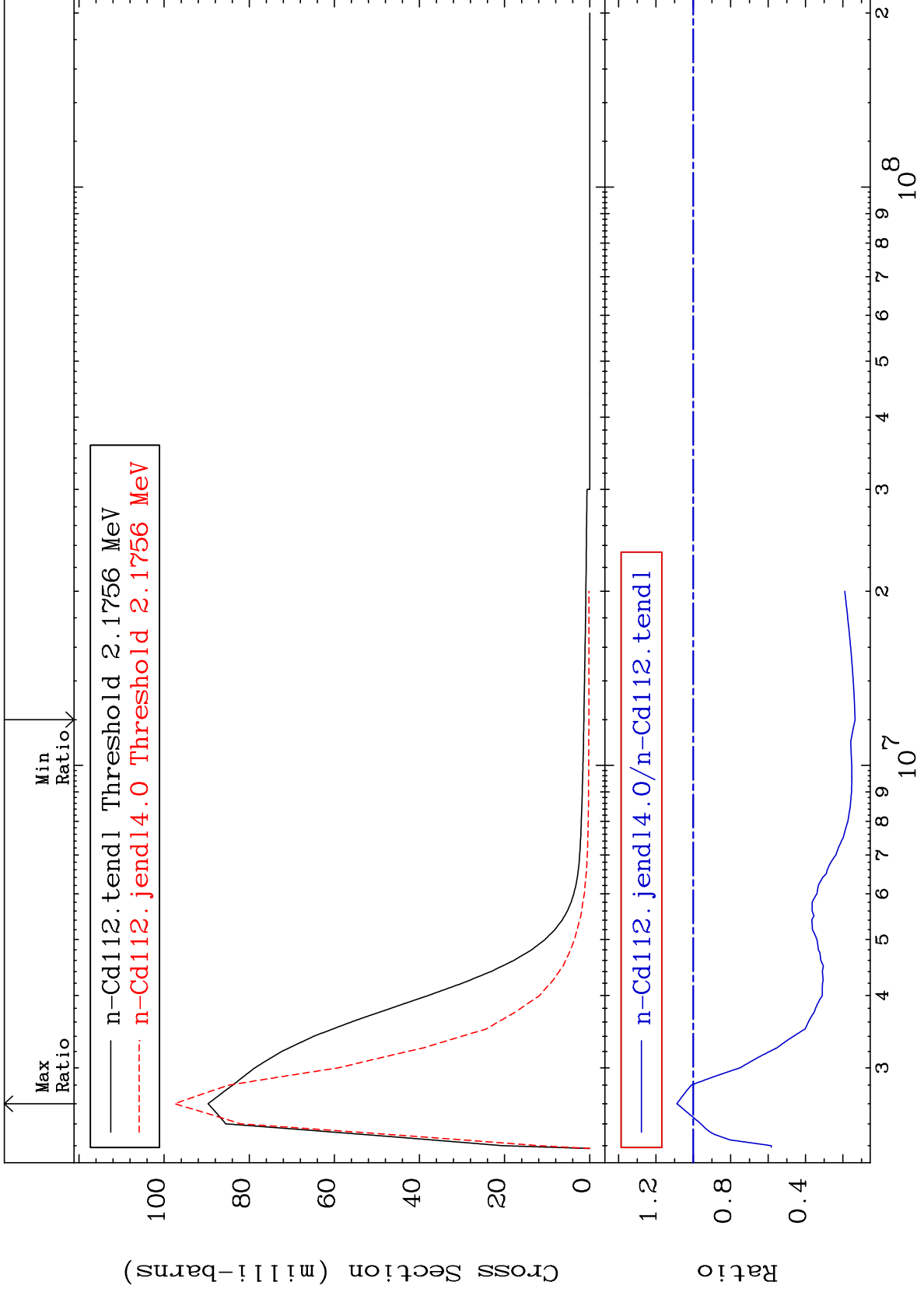
48-Cd-112  
-86.54 To 9.026 %



MAT 4843

MT= 63 (n,n') Level  
Cross Section

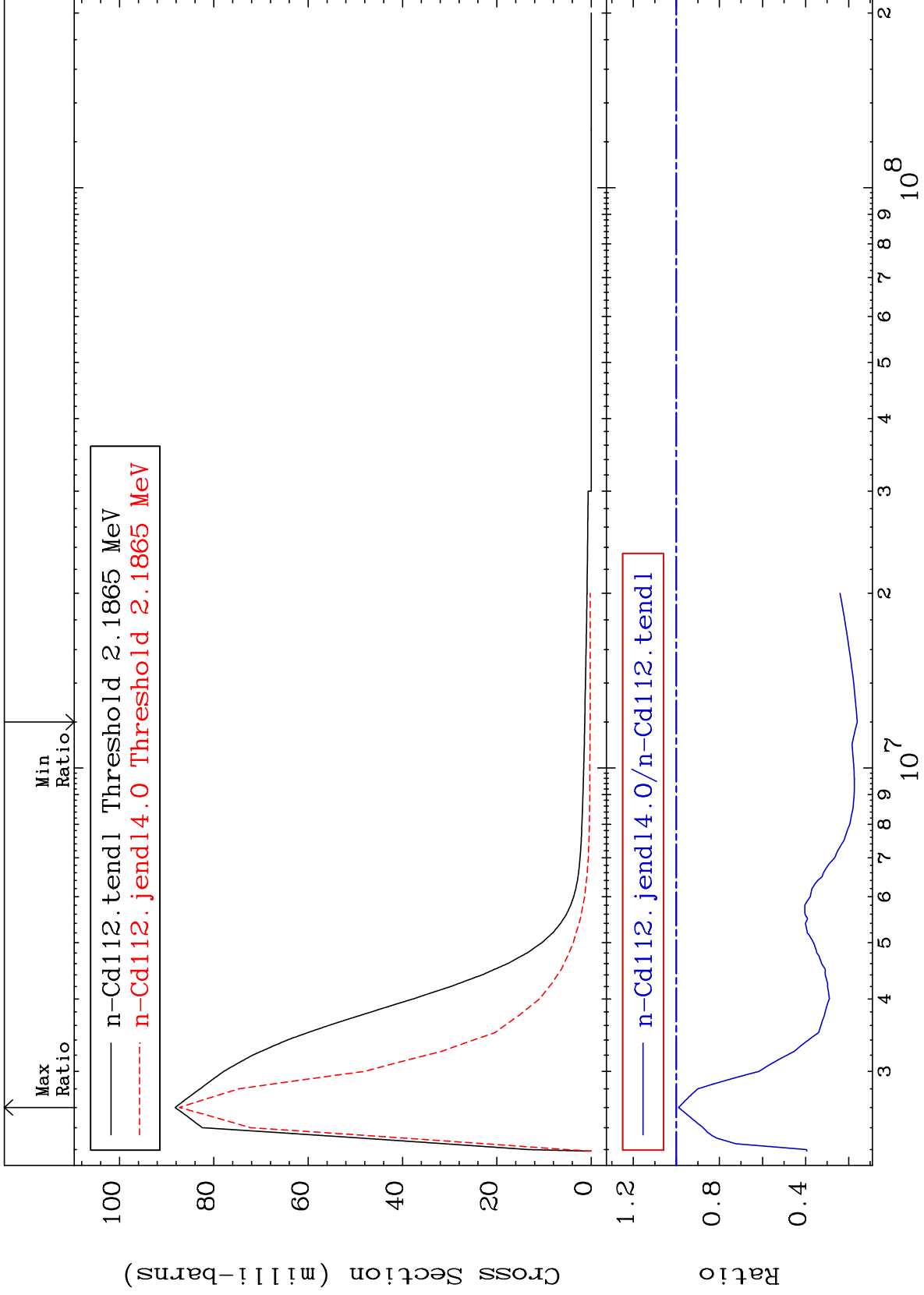
48-Cd-112  
-86.53 To 8.767 %

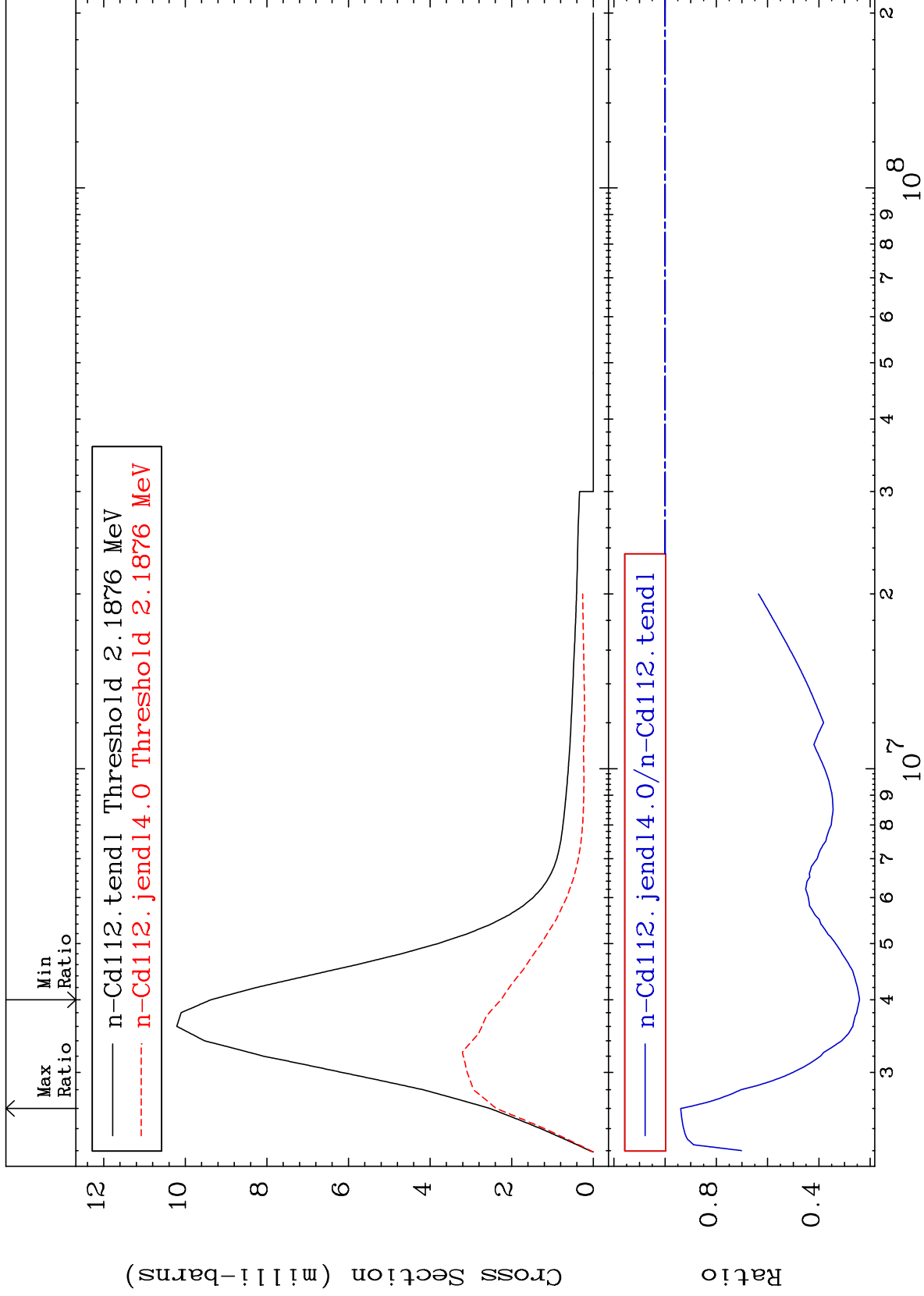


MAT 4843

MT= 64 (n,n') Level  
Cross Section

48-Cd-112  
-83.99 To -1.046%

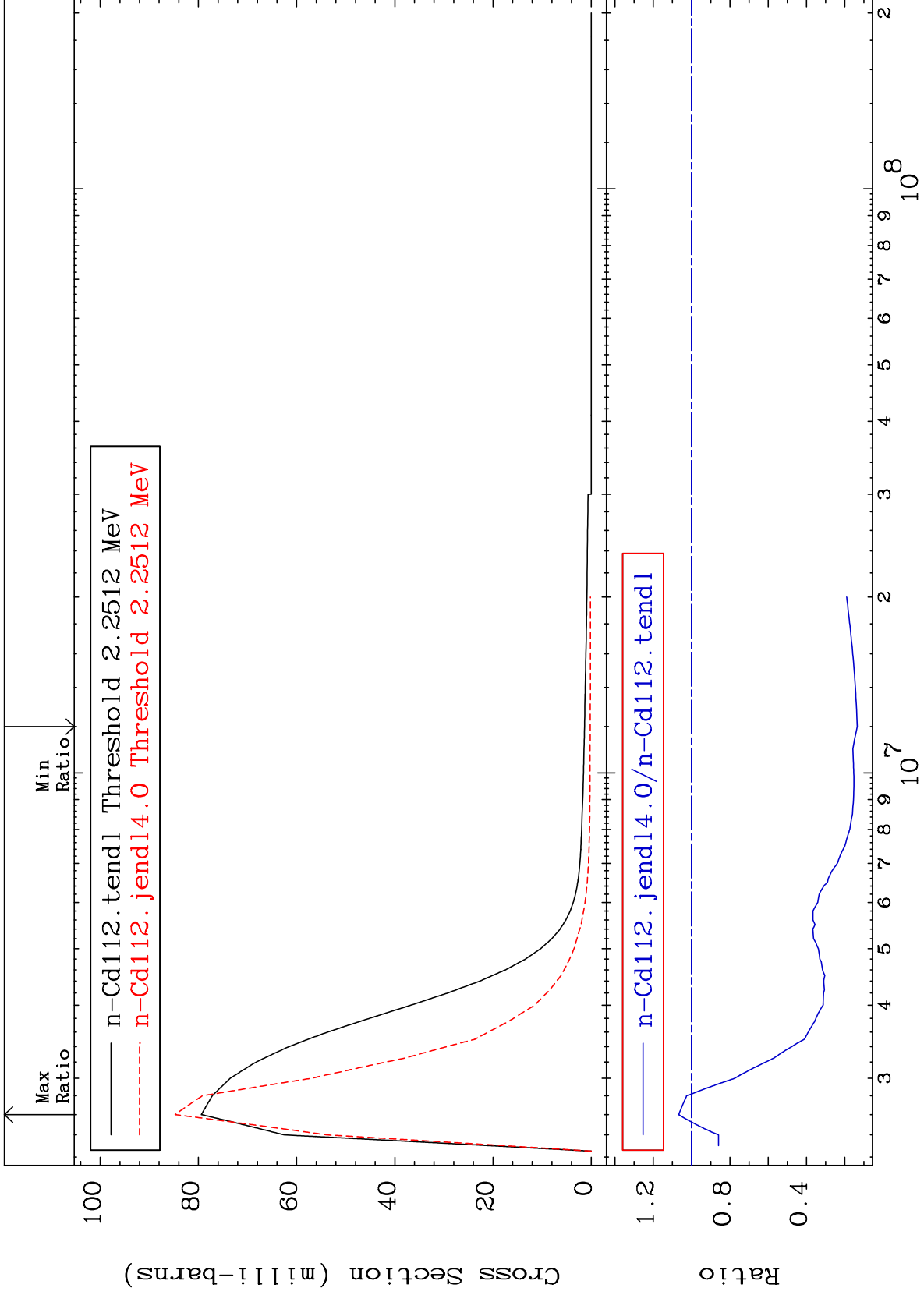




MAT 4843

MT= 66 (n,n') Level  
Cross Section

48-Cd-112  
-86.50 To 6.762 %

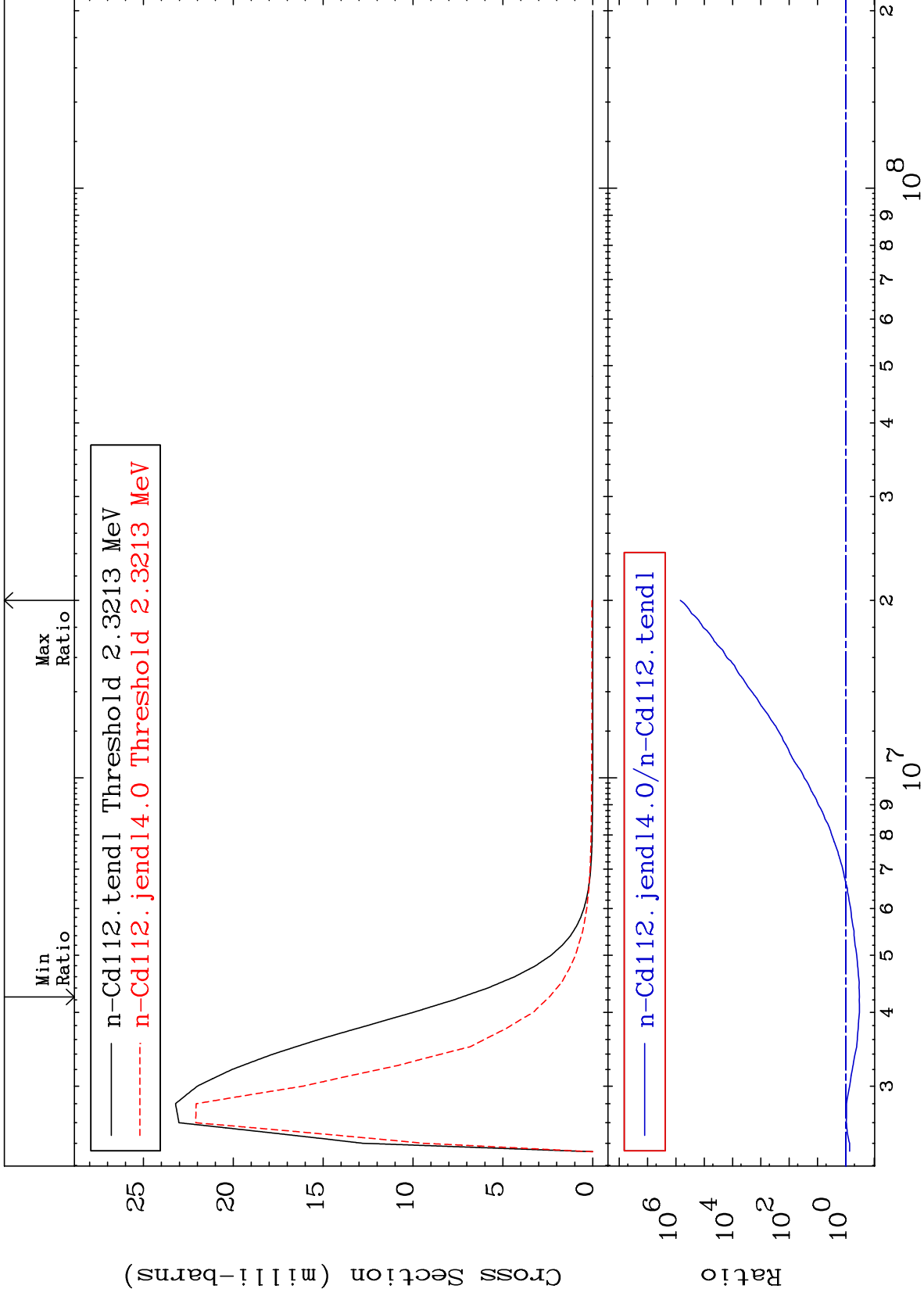




MAT 4843

MT= 67 (n,n') Level  
Cross Section

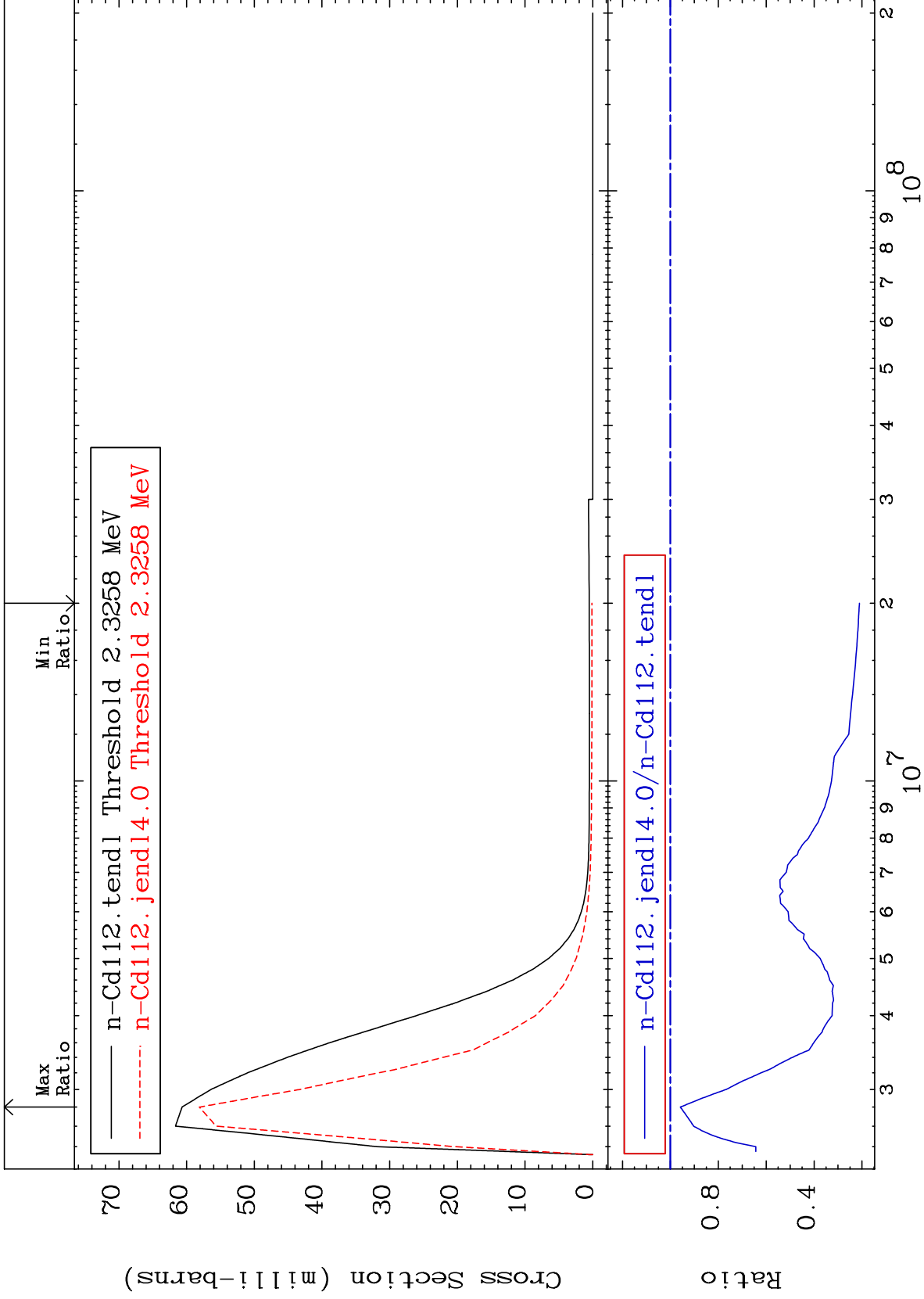
48-Cd-112  
-66.83 To 9999. %



MAT 4843

MT= 68 (n,n') Level  
Cross Section

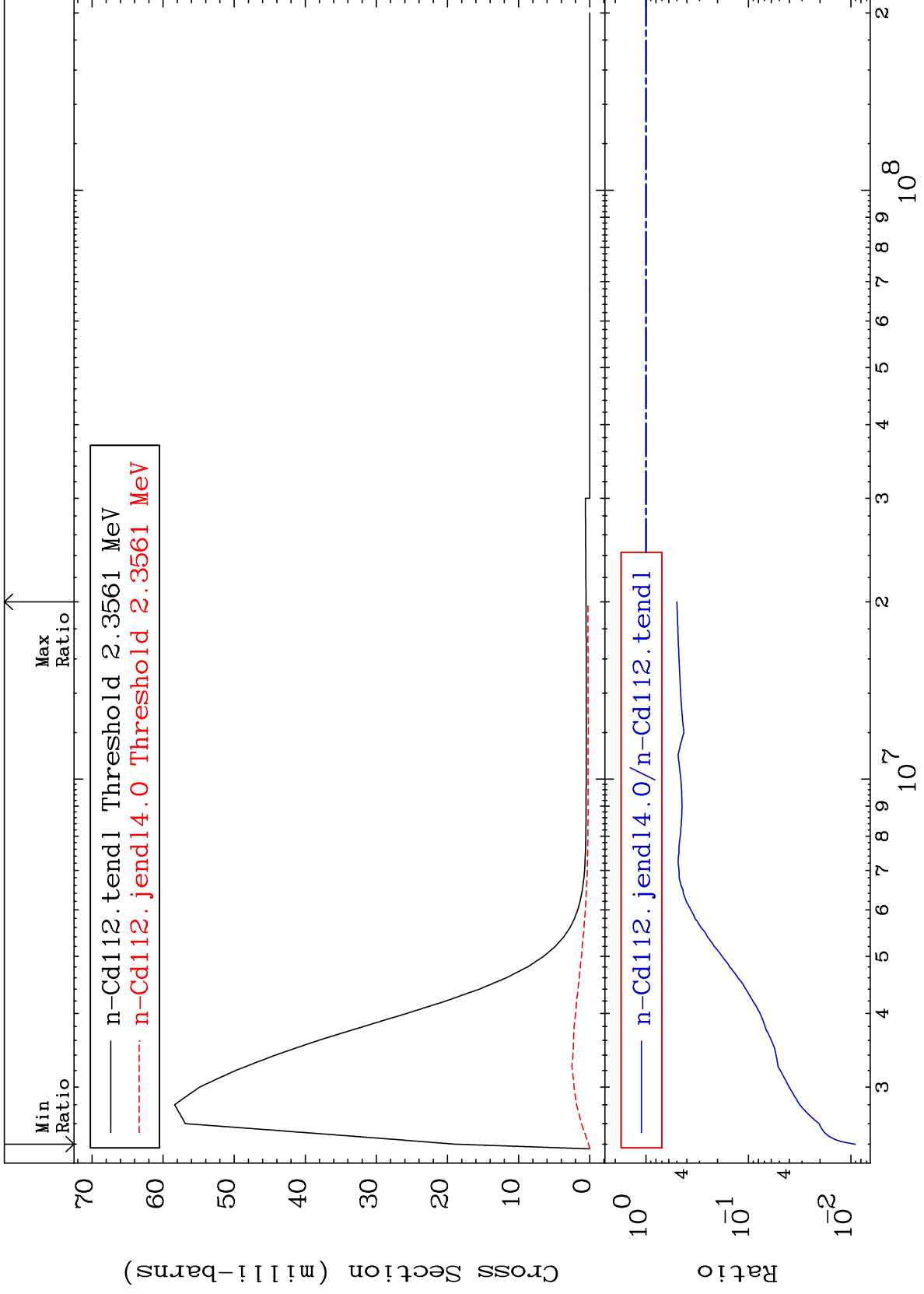
48-Cd-112  
-78.94 To -4.172%



MAT 4843

MT= 69 (n,n') Level  
Cross Section

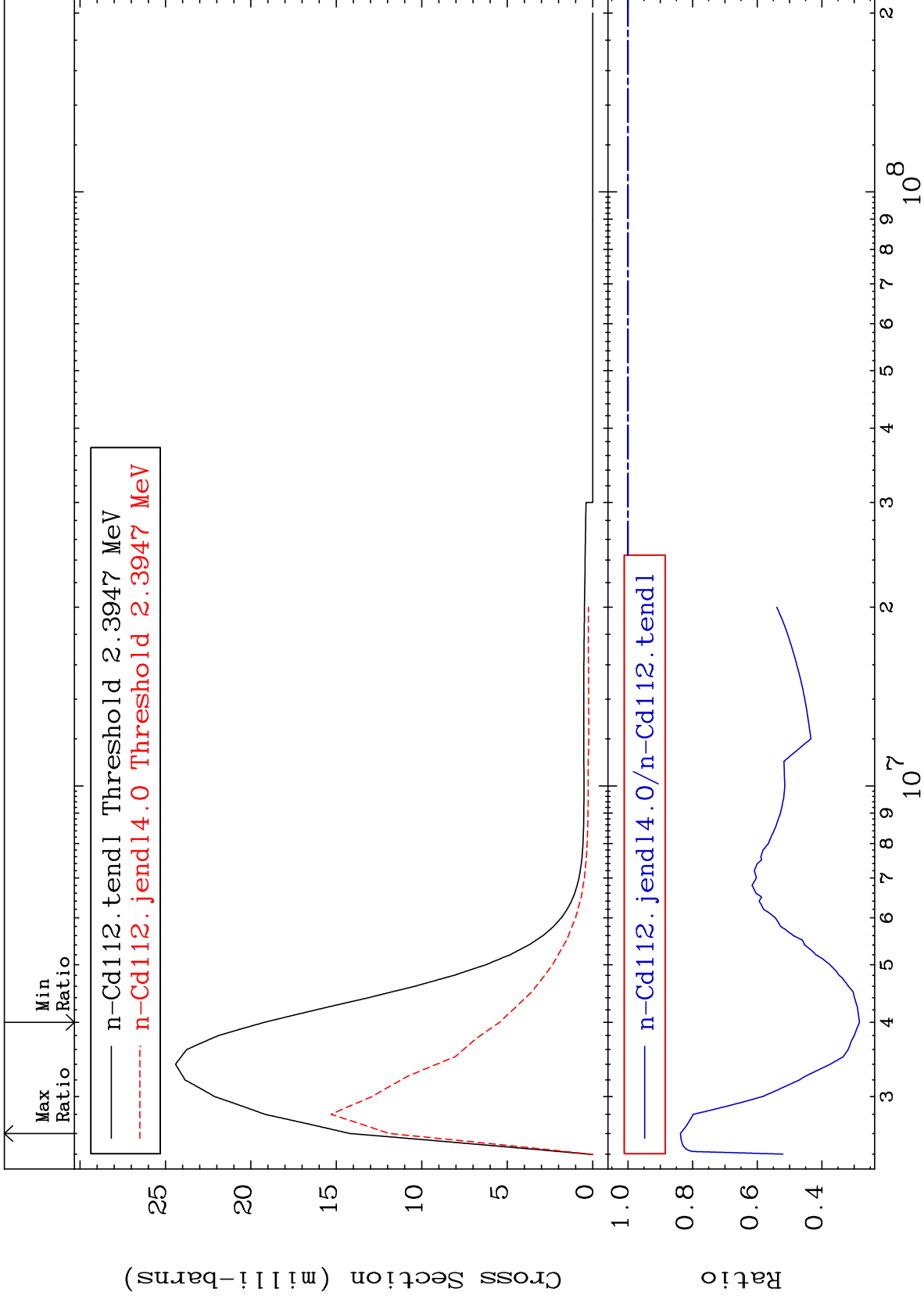
48-Cd-112  
-99.09 To -50.08%



MAT 4843

MT= 70 (n,n') Level  
Cross Section

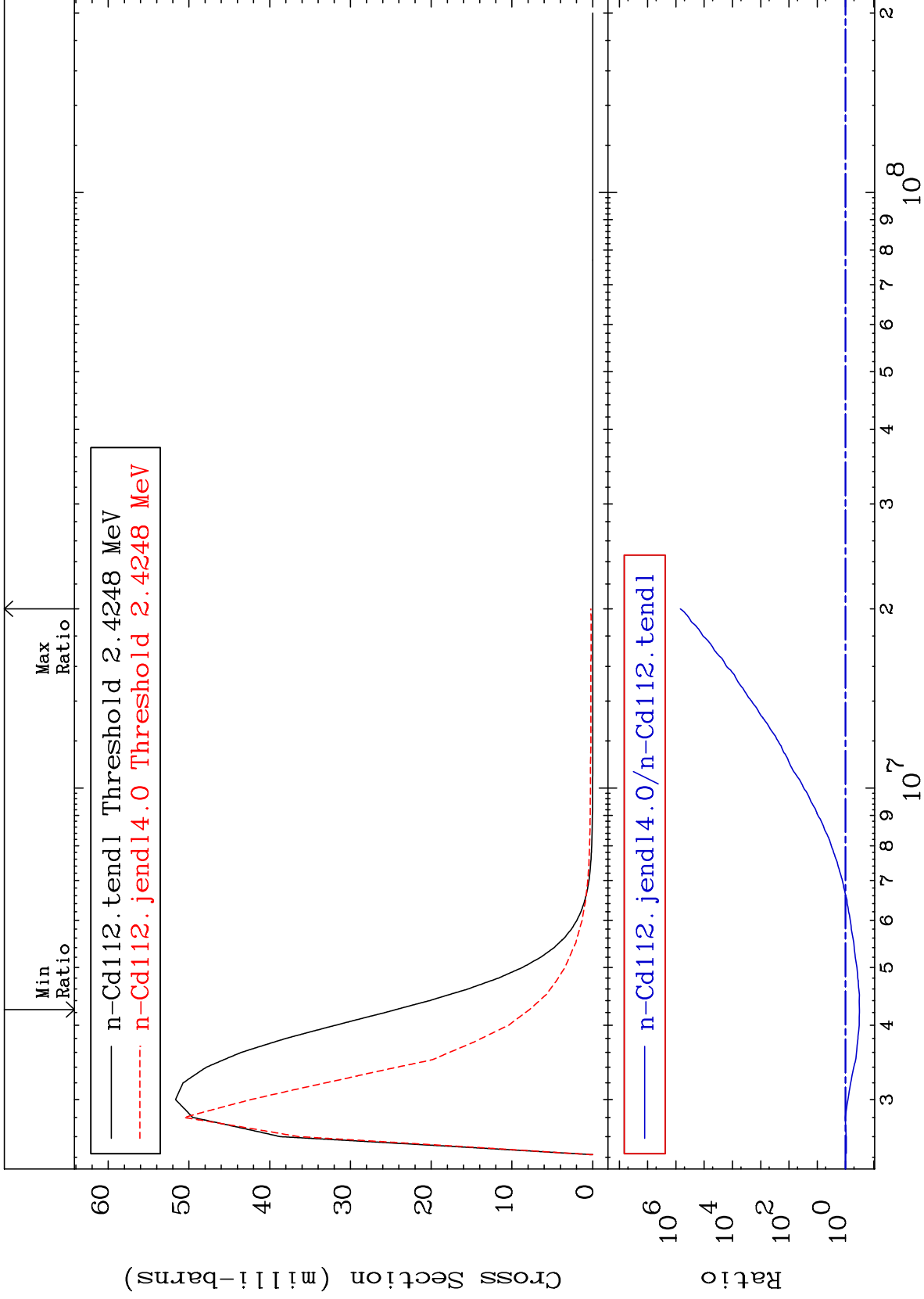
48-Cd-112  
-71.61 To -16.22%



MAT 4843

MT= 71 (n,n') Level  
Cross Section

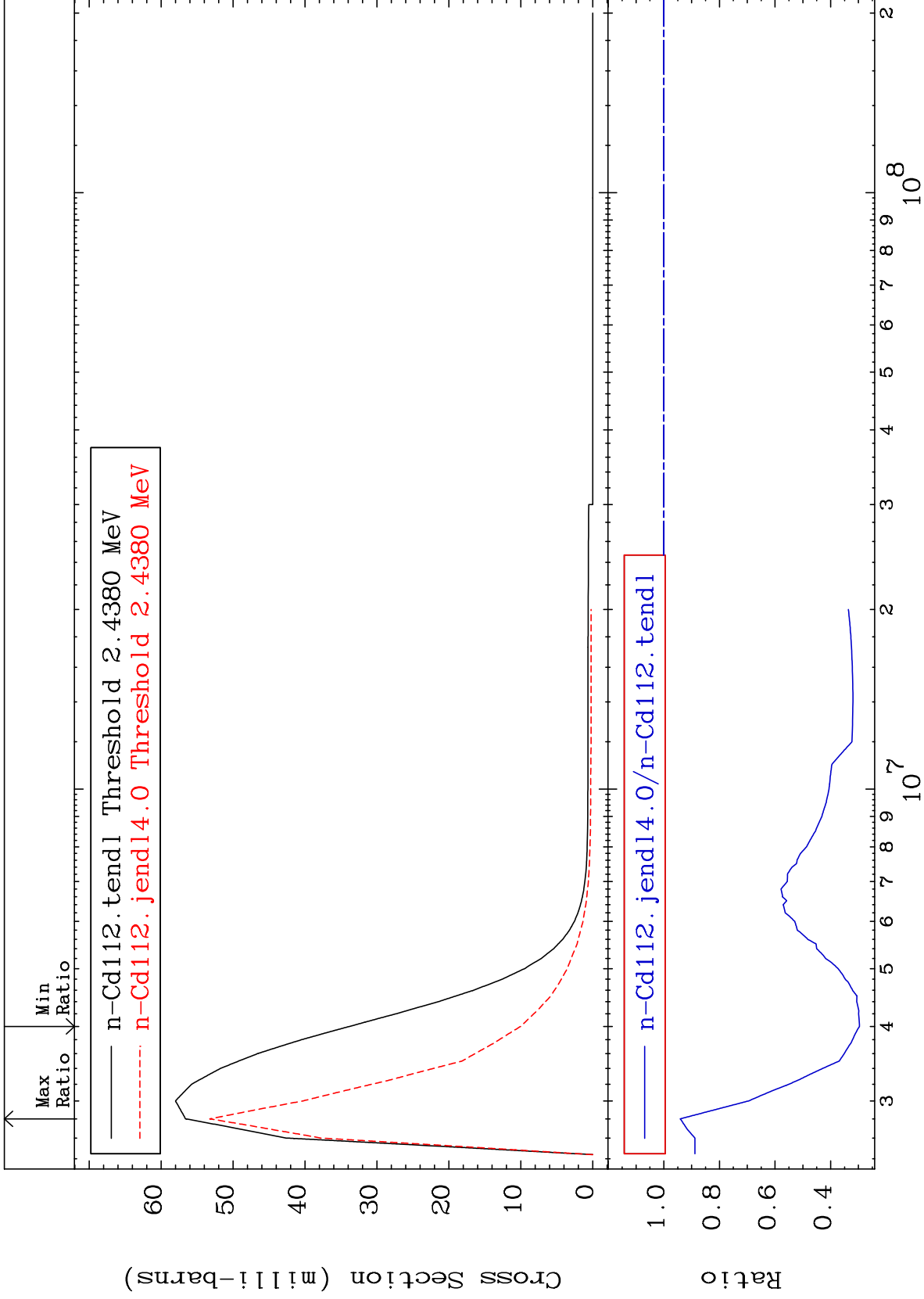
48-Cd-112  
-67.89 To 9999. %



MAT 4843

MT= 72 (n,n') Level  
Cross Section

48-Cd-112  
-70.36 To -5.947%



30

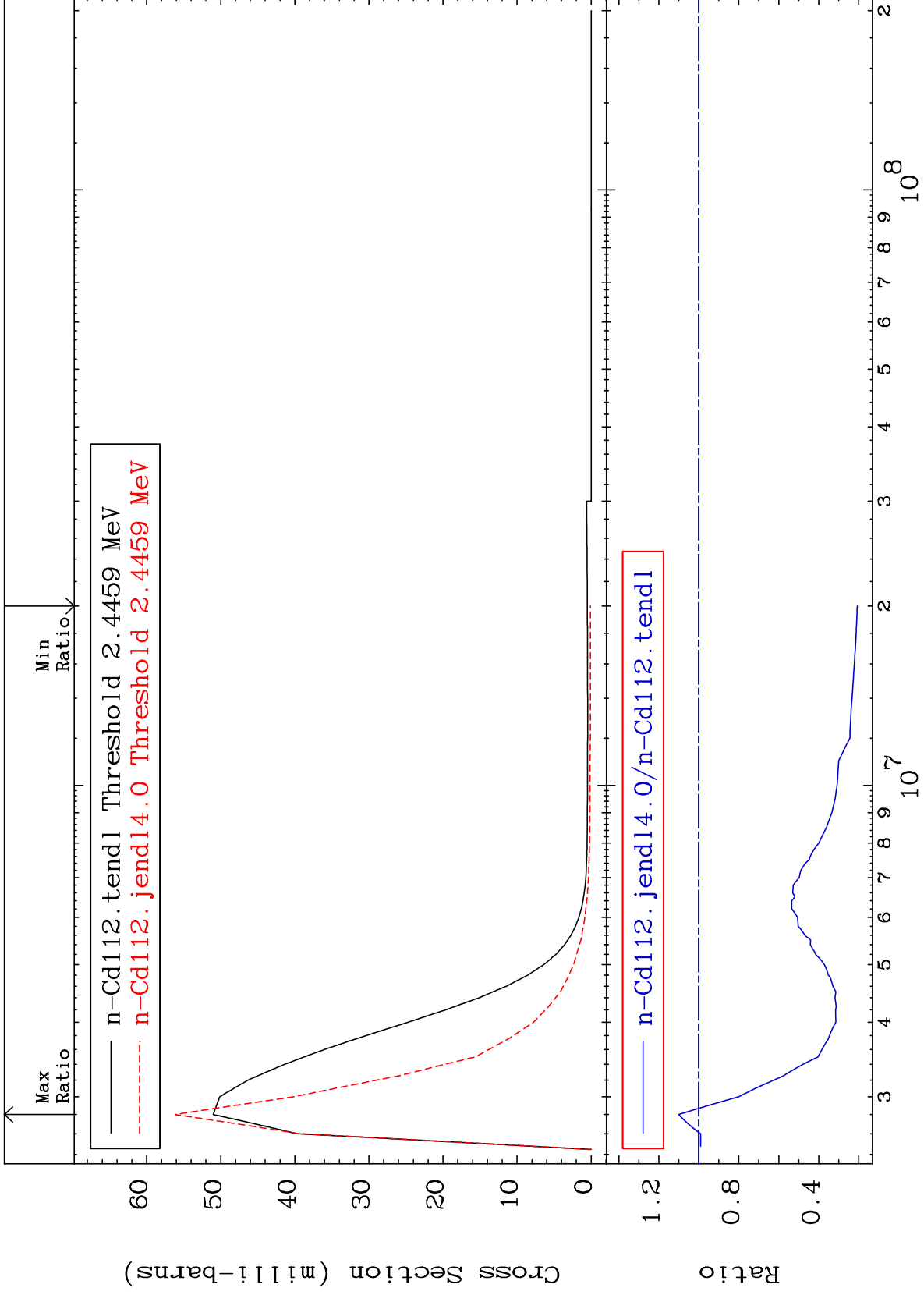
48-Cd-112

48-Cd-112

MAT 4843

MT= 73 (n,n') Level  
Cross Section

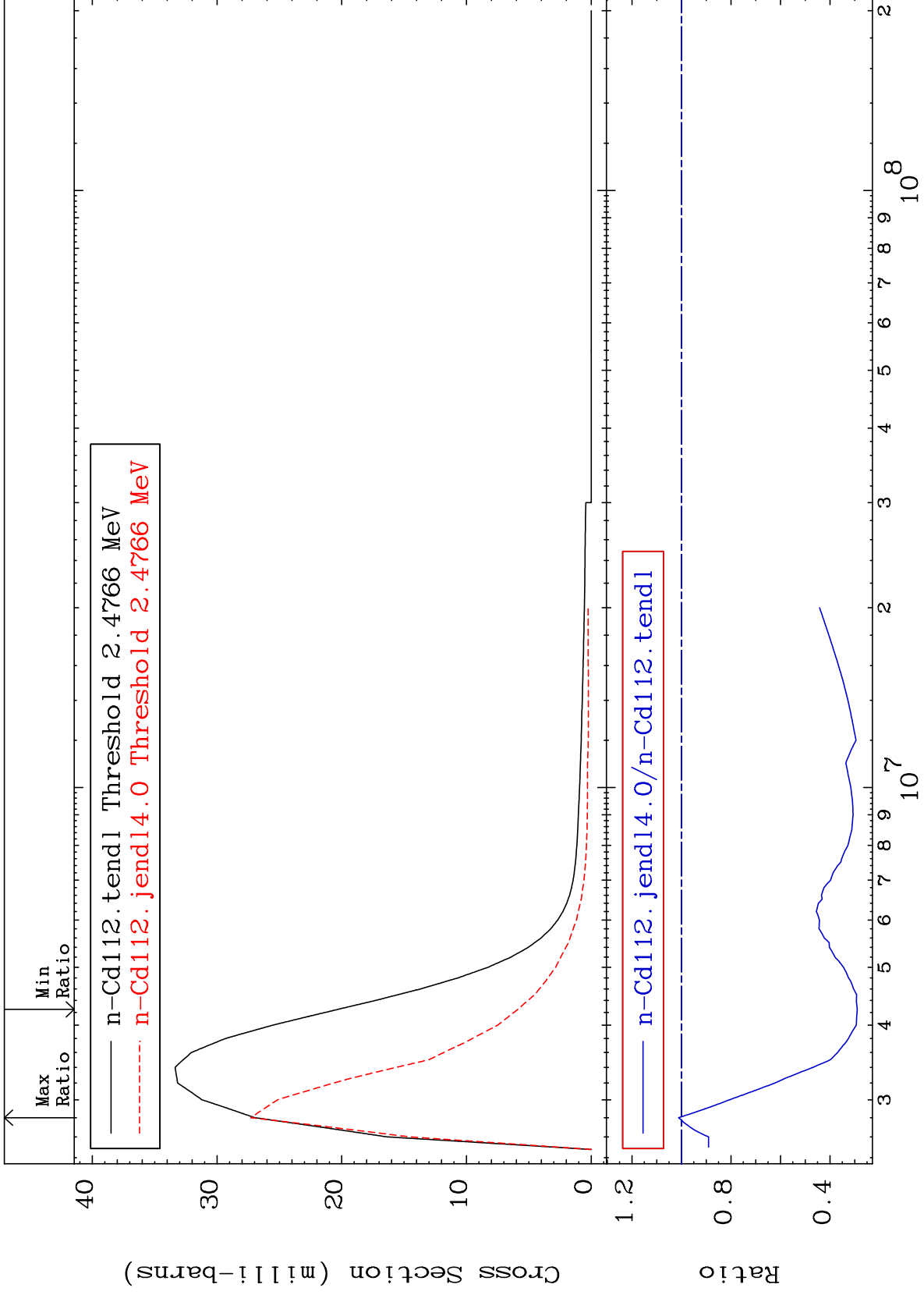
48-Cd-112  
-79.30 To 10.11 %



MAT 4843

MT= 74 (n,n') Level  
Cross Section

48-Cd-112  
-71.04 To 1.126 %

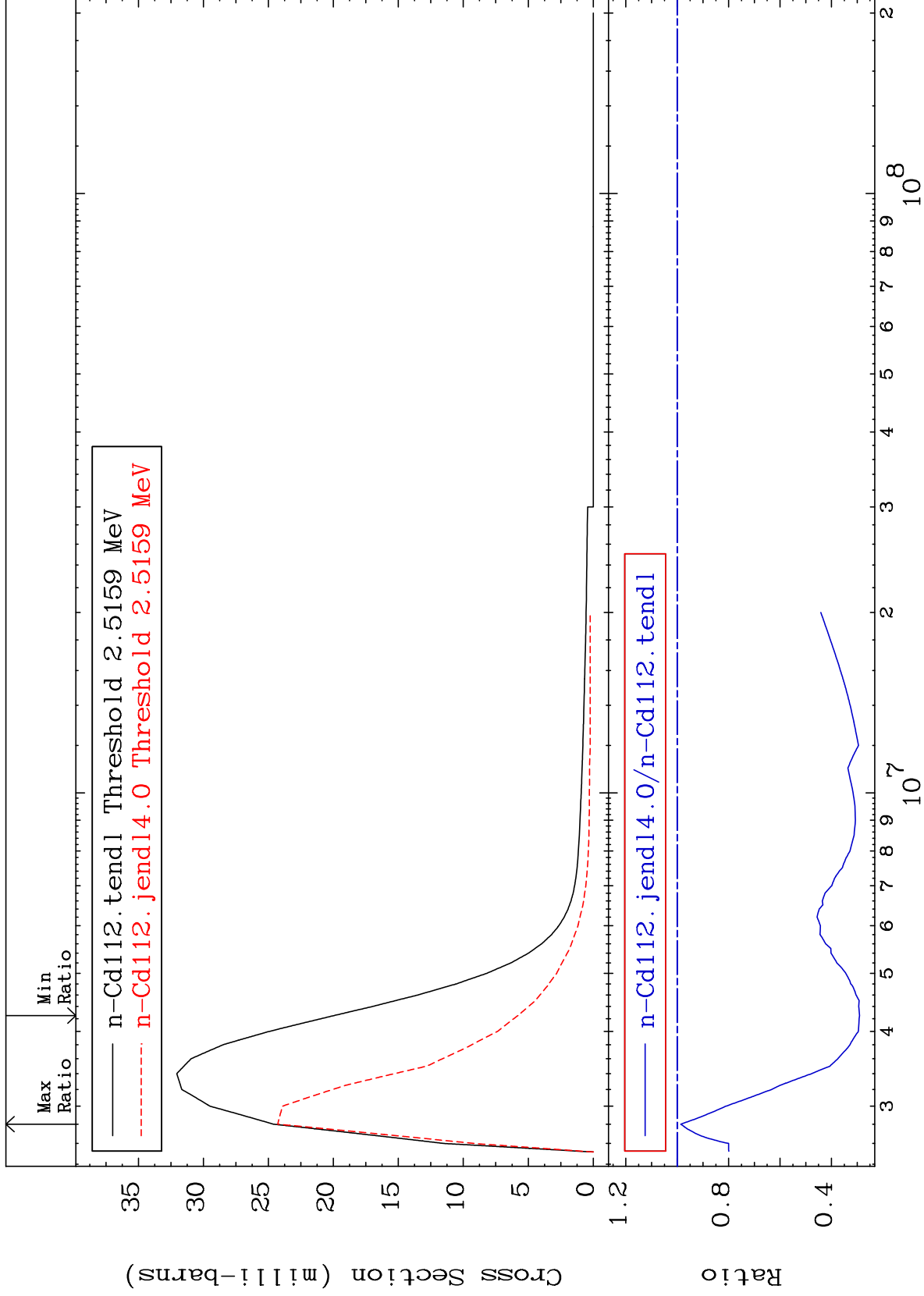




MAT 4843

MT= 75 (n,n') Level  
Cross Section

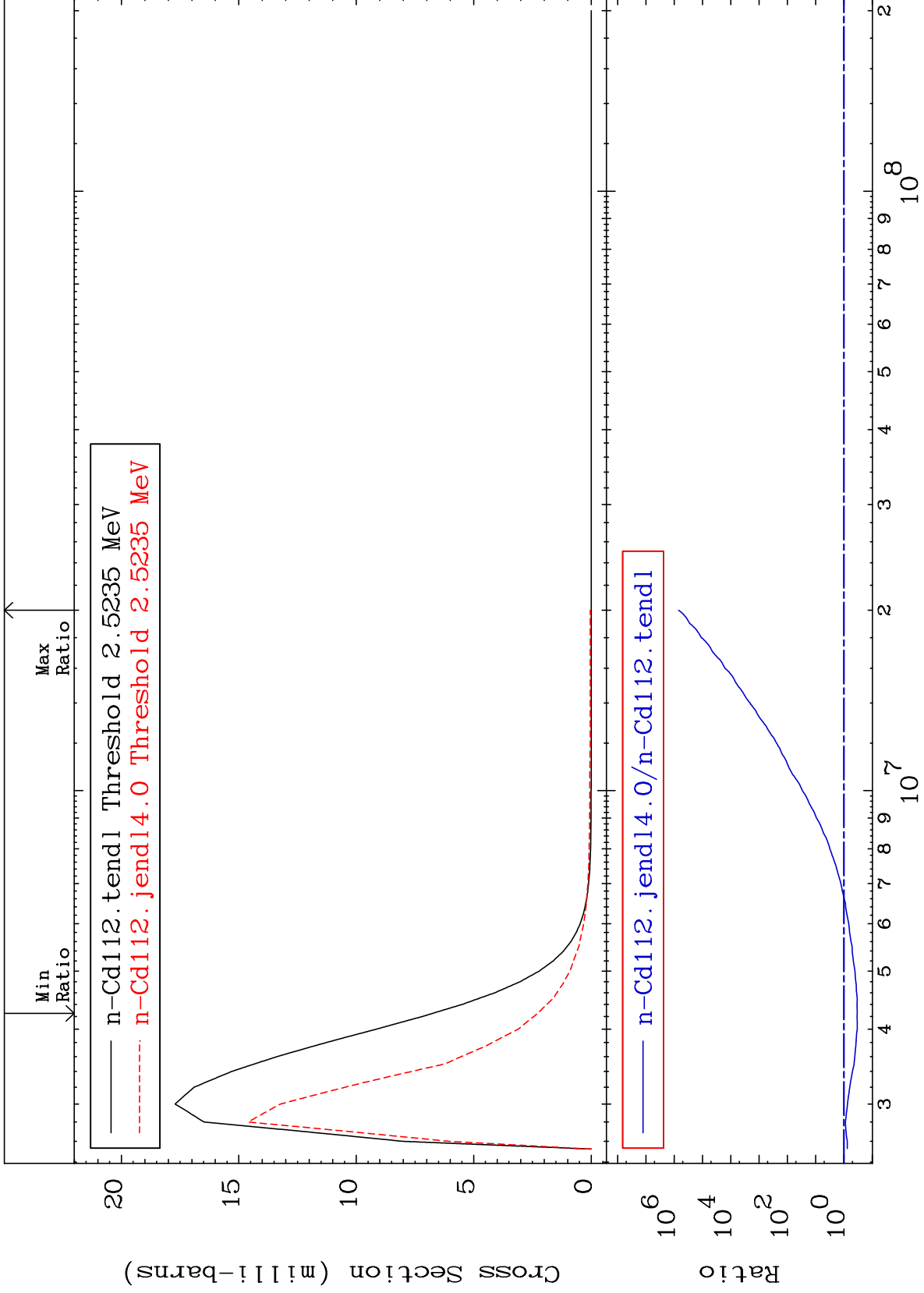
48-Cd-112  
-70.92 To -1.366%



MAT 4843

MT= 76 (n,n') Level  
Cross Section

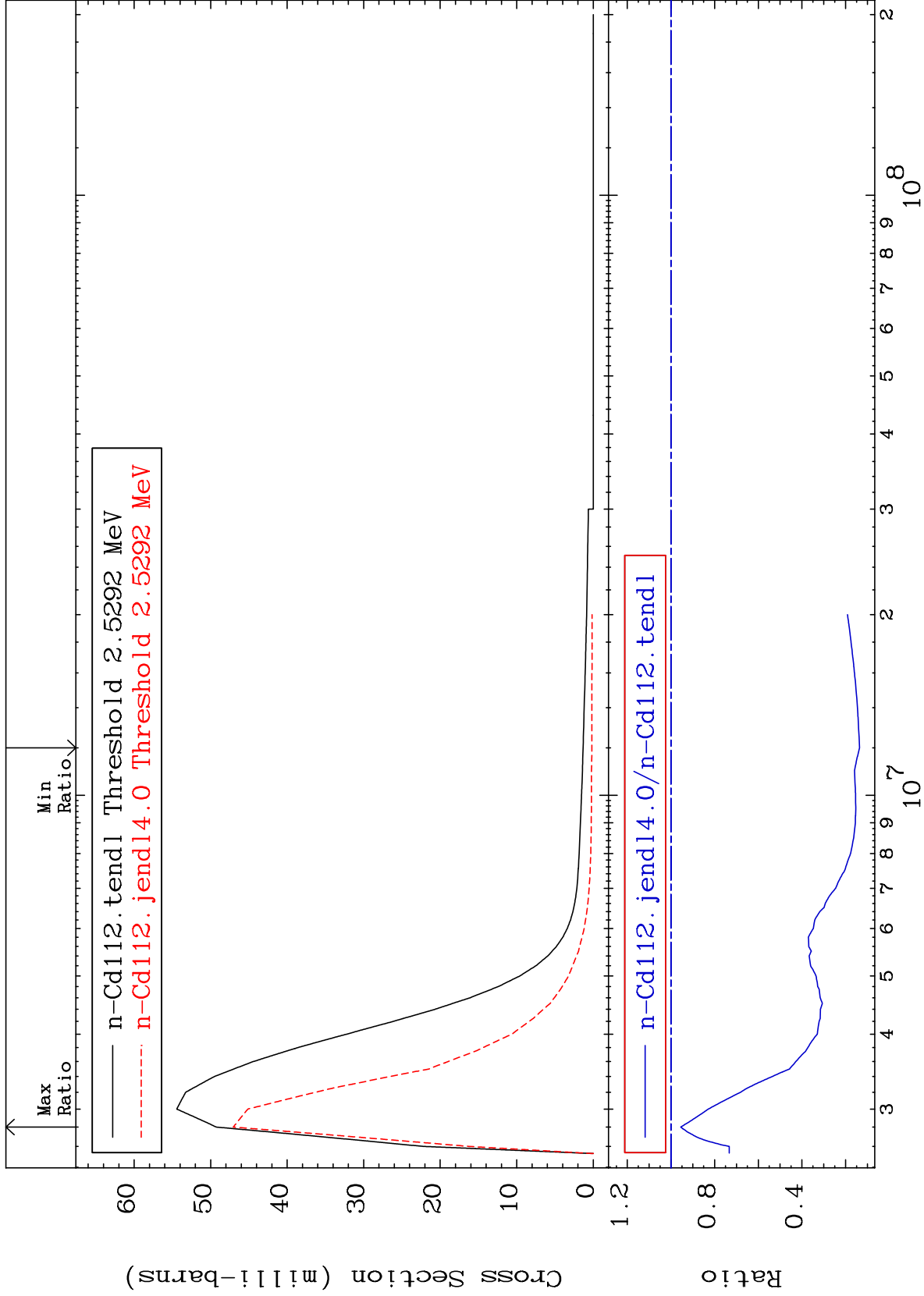
48-Cd-112  
-66.25 To 9999. %



MAT 4843

MT= 77 (n,n') Level  
Cross Section

48-Cd-112  
-86.38 To -4.486%



35

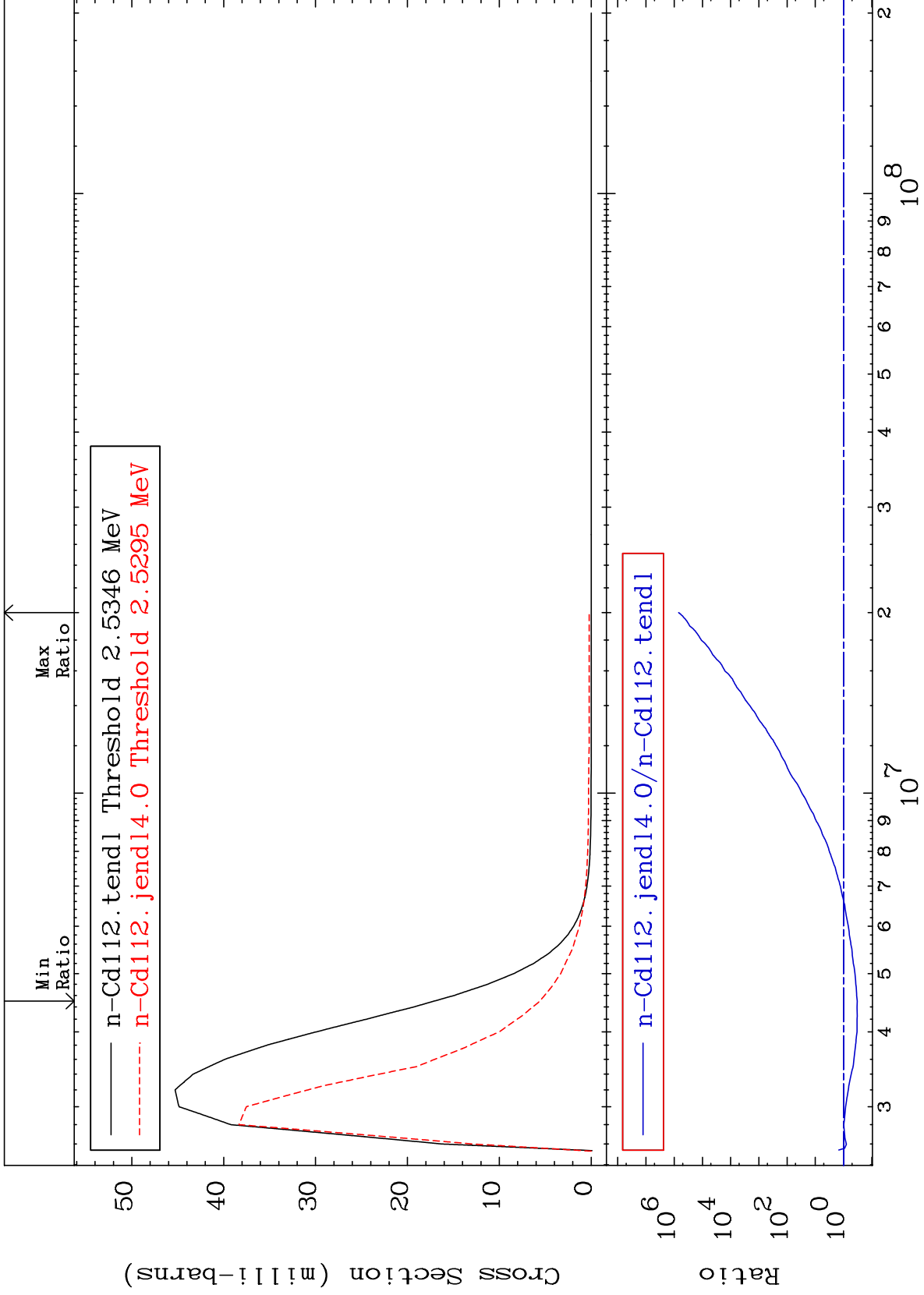
Incident Energy (eV)

48-Cd-112

MAT 4843

MT= 78 (n,n') Level  
Cross Section

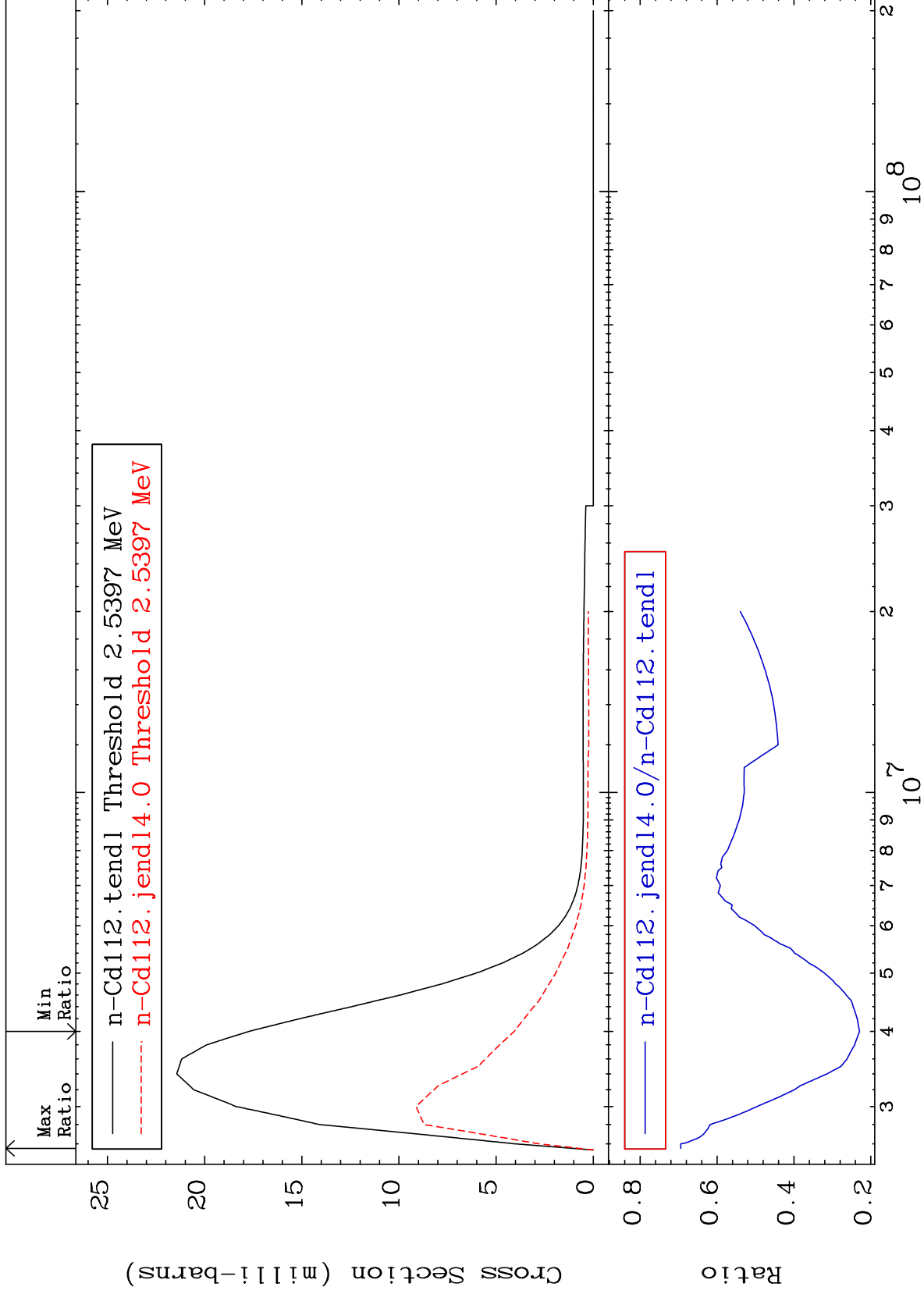
48-Cd-112  
-67.42 To 9999. %



MAT 4843

MT= 79 (n,n') Level  
Cross Section

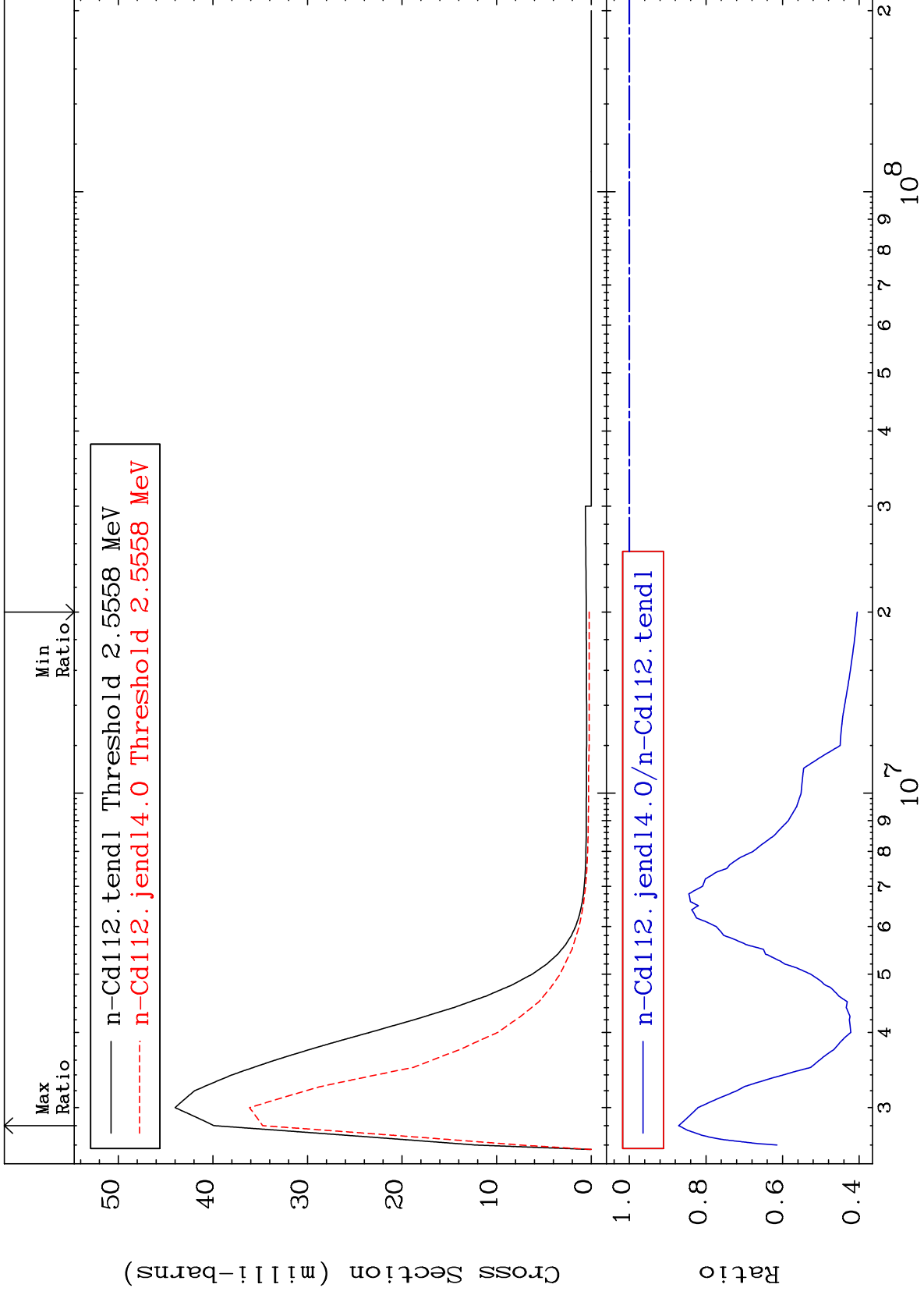
48-Cd-112  
-77.06 To -30.55%



MAT 4843

MT= 80 (n,n') Level  
Cross Section

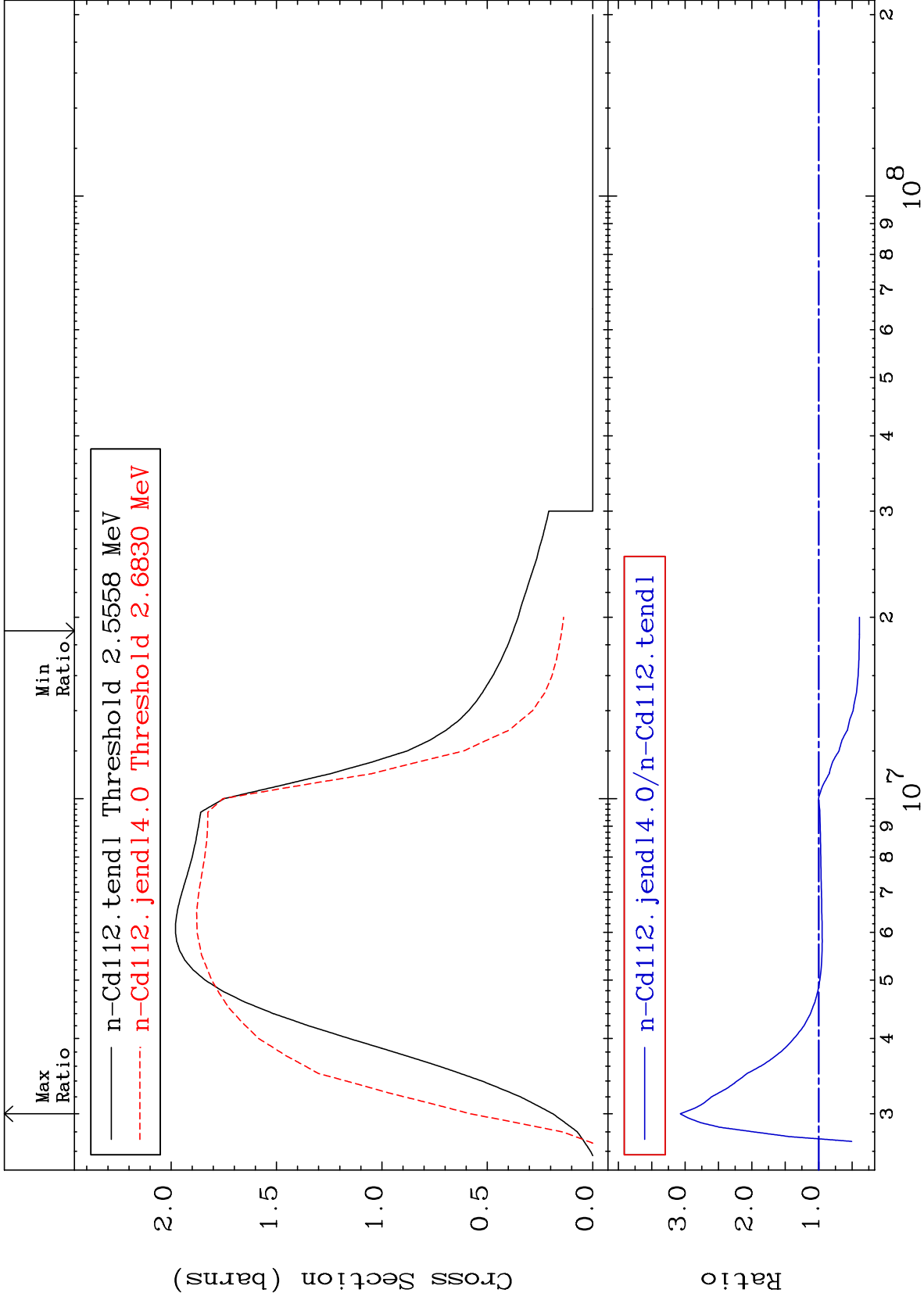
48-Cd-112  
-59.49 To -12.86%



MAT 4843

(n, n') Continuum  
Cross Section

48-Cd-112  
-61.06 To 207.2 %



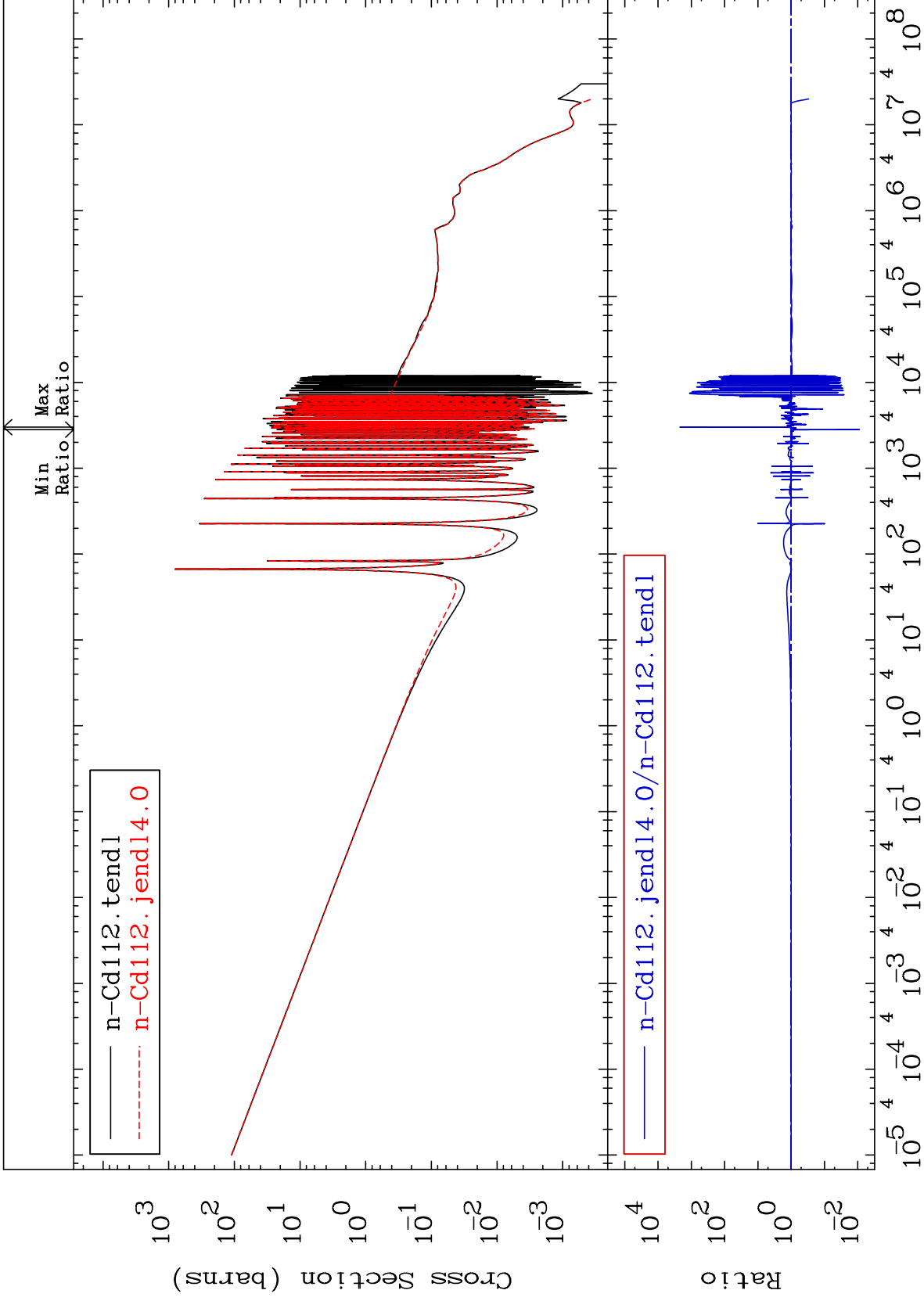
MAT 4843

(n,  $\gamma$ )

48-Cd-112

Cross Section

-99.11 To 9999. %



40

Incident Energy (eV)

48-Cd-112



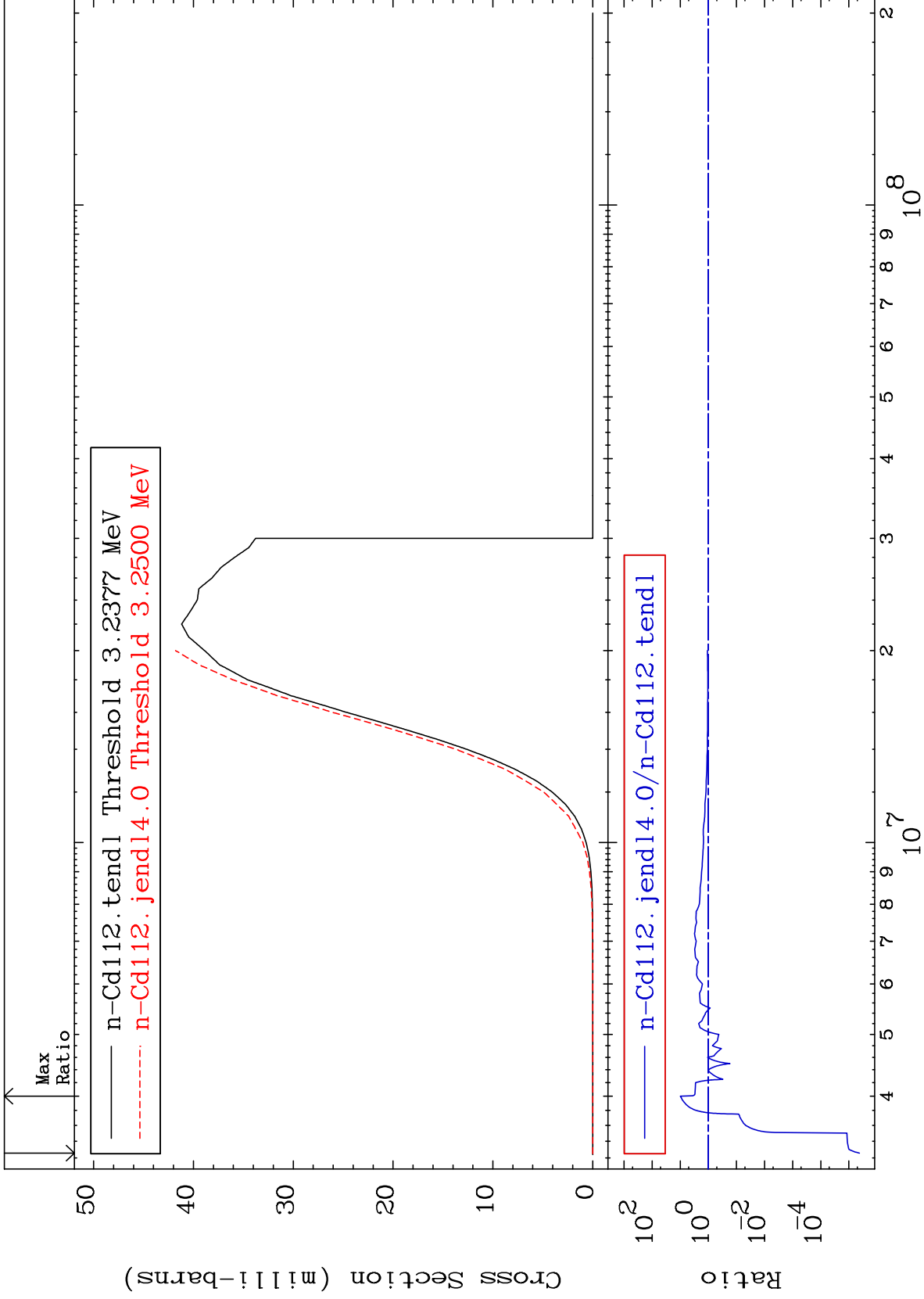
MAT 4843

(n, p)

48-Cd-112

Cross Section

-100.0 To 889.5 %



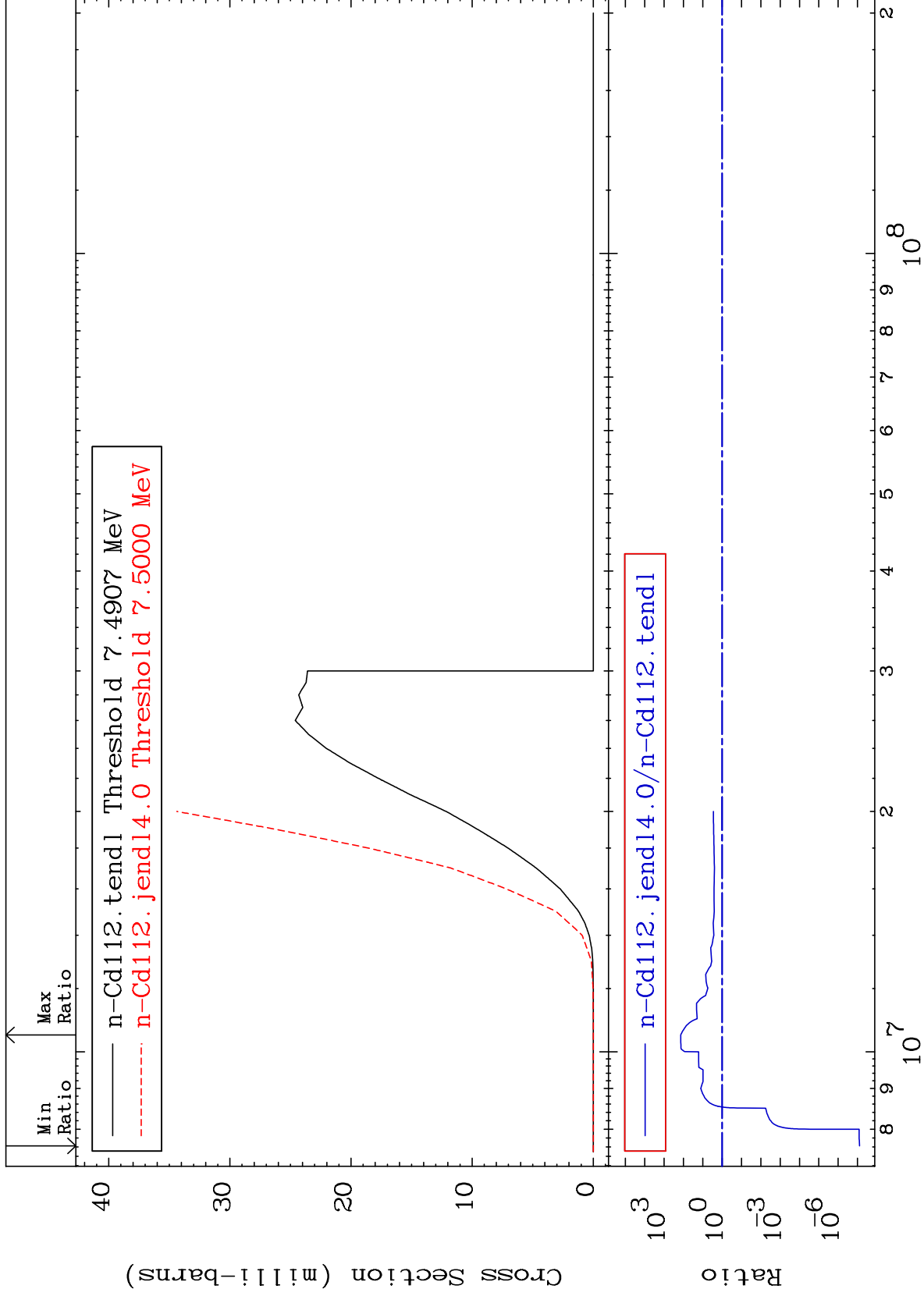
MAT 4843

(n, d)

48-Cd-112

Cross Section

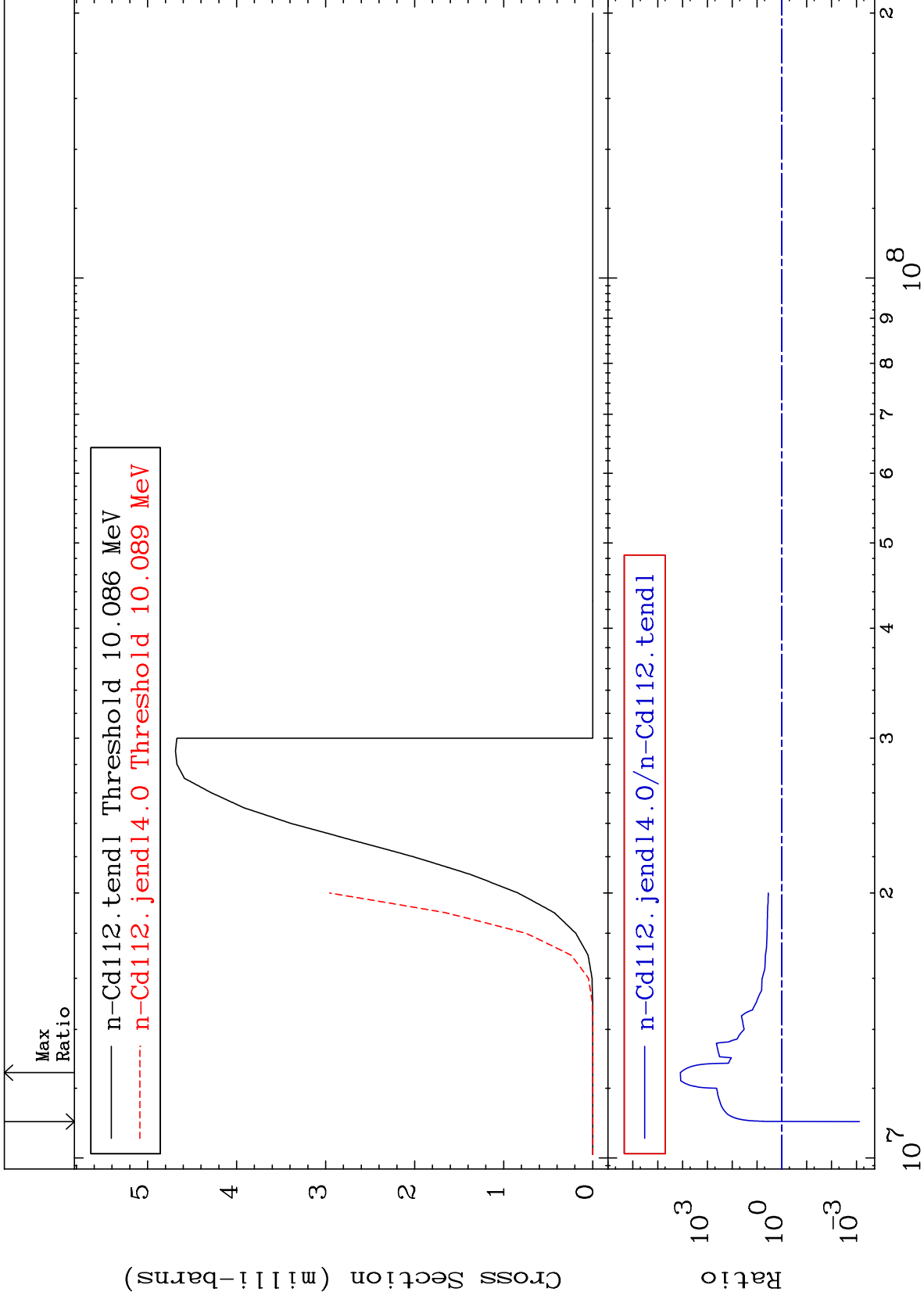
-100.0 To 9999. %



MAT 4843

(n, t)  
Cross Section

48-Cd-112  
-99.92 To 9999. %



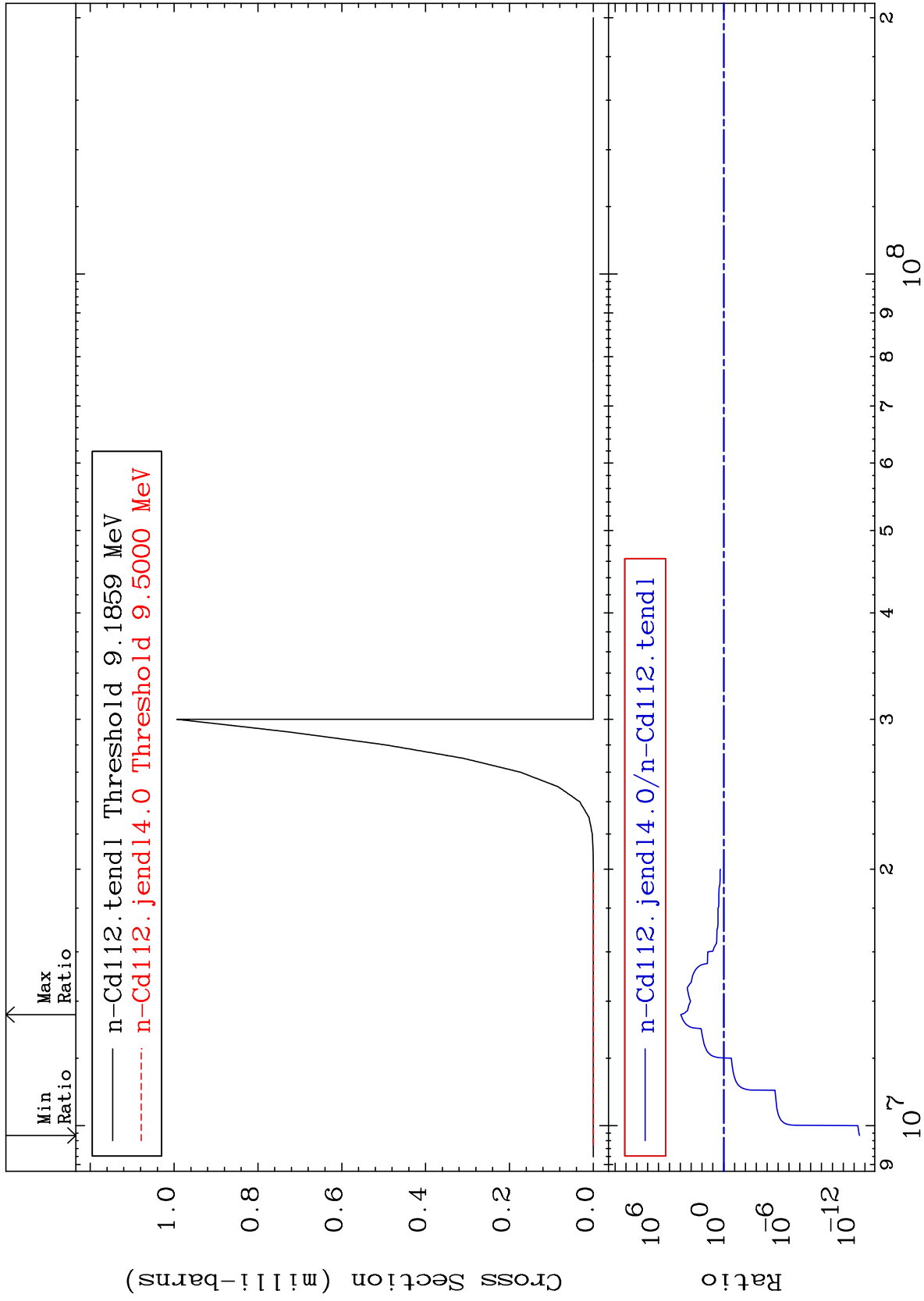
43

Incident Energy (eV)

48-Cd-112

Cross Section

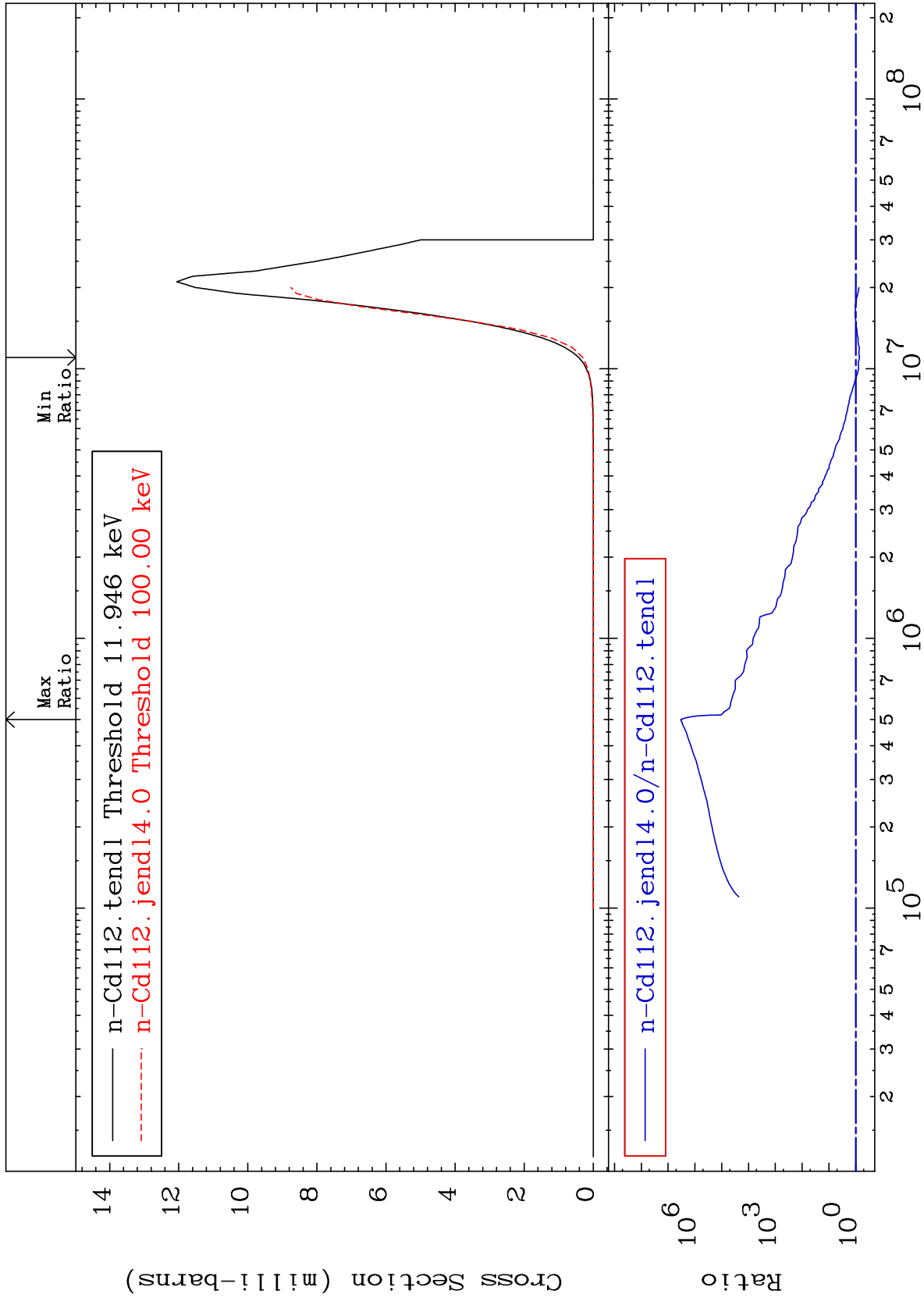
-100.0 To 9999. %



MAT 4843

(n,  $\alpha$ )  
Cross Section

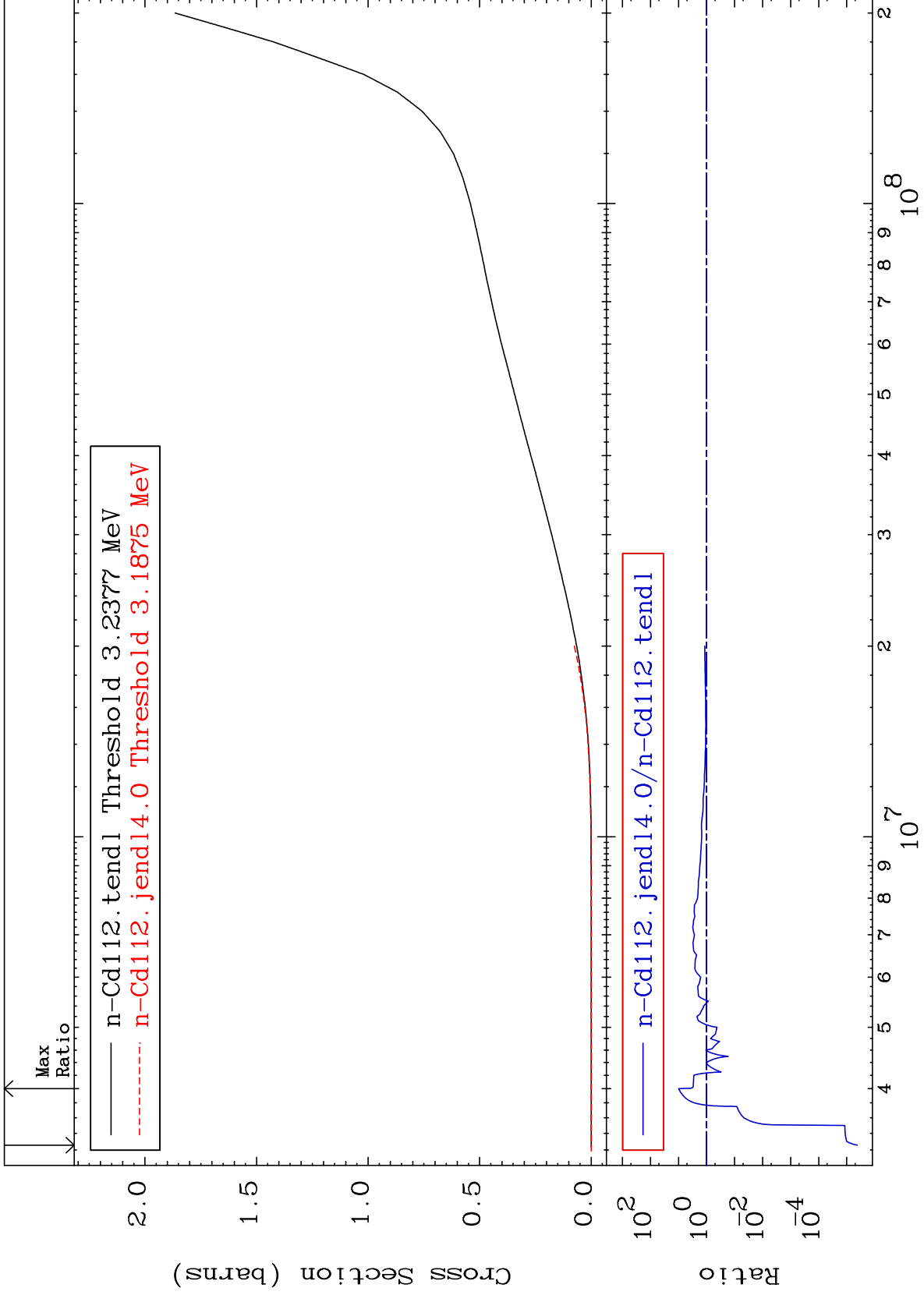
48-Cd-112  
-27.95 To 9999. %



MAT 4843

Hydrogen Production  
Cross Section

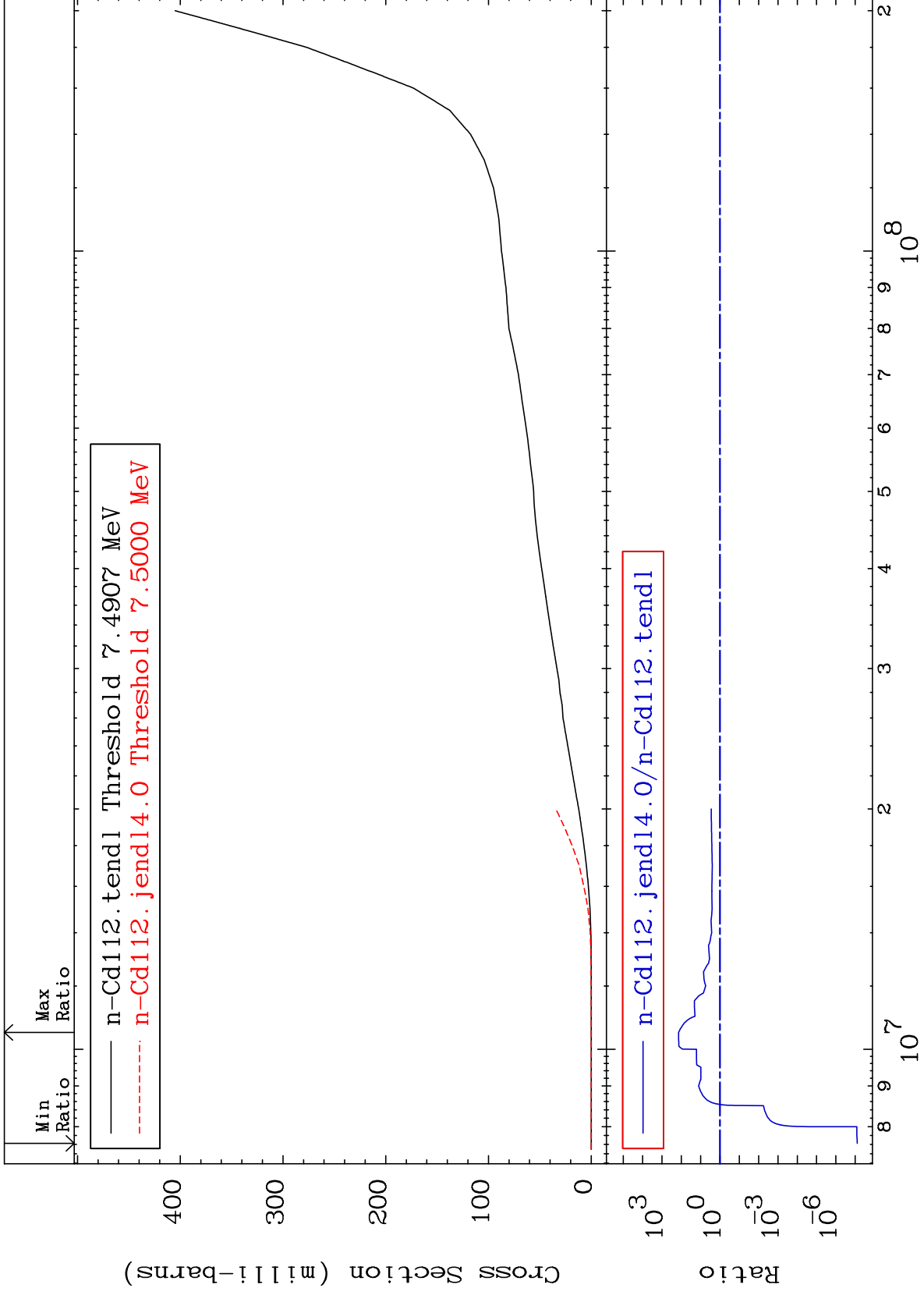
48-Cd-112  
-100.0 To 889.5 %



MAT 4843

Deuterium Production  
Cross Section

48-Cd-112  
-100.0 To 9999. %



47

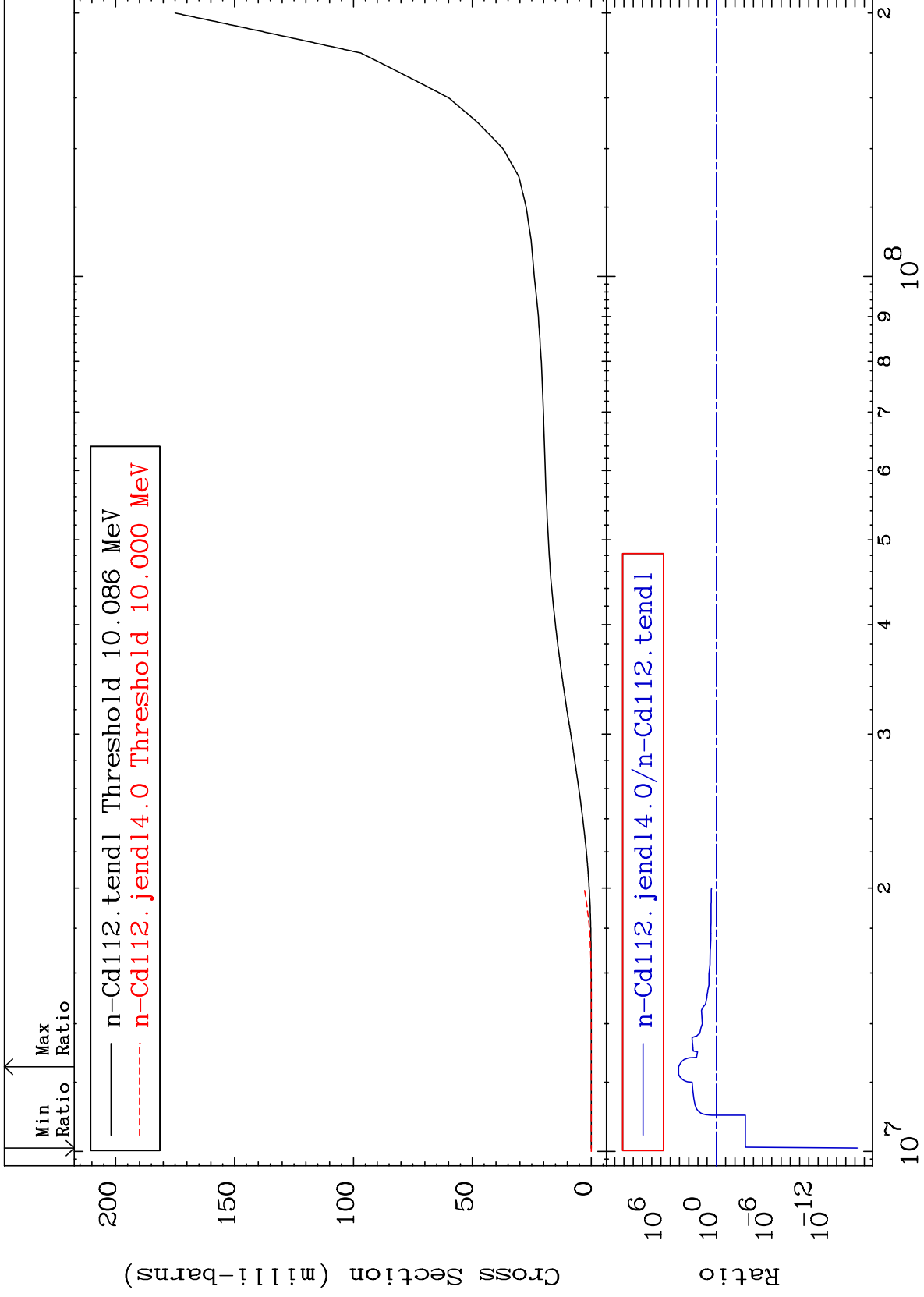
Incident Energy (eV)

48-Cd-112

MAT 4843

Tritium Production  
Cross Section

48-Cd-112  
-100.0 To 9999. %



Incident Energy (eV)

48-Cd-112

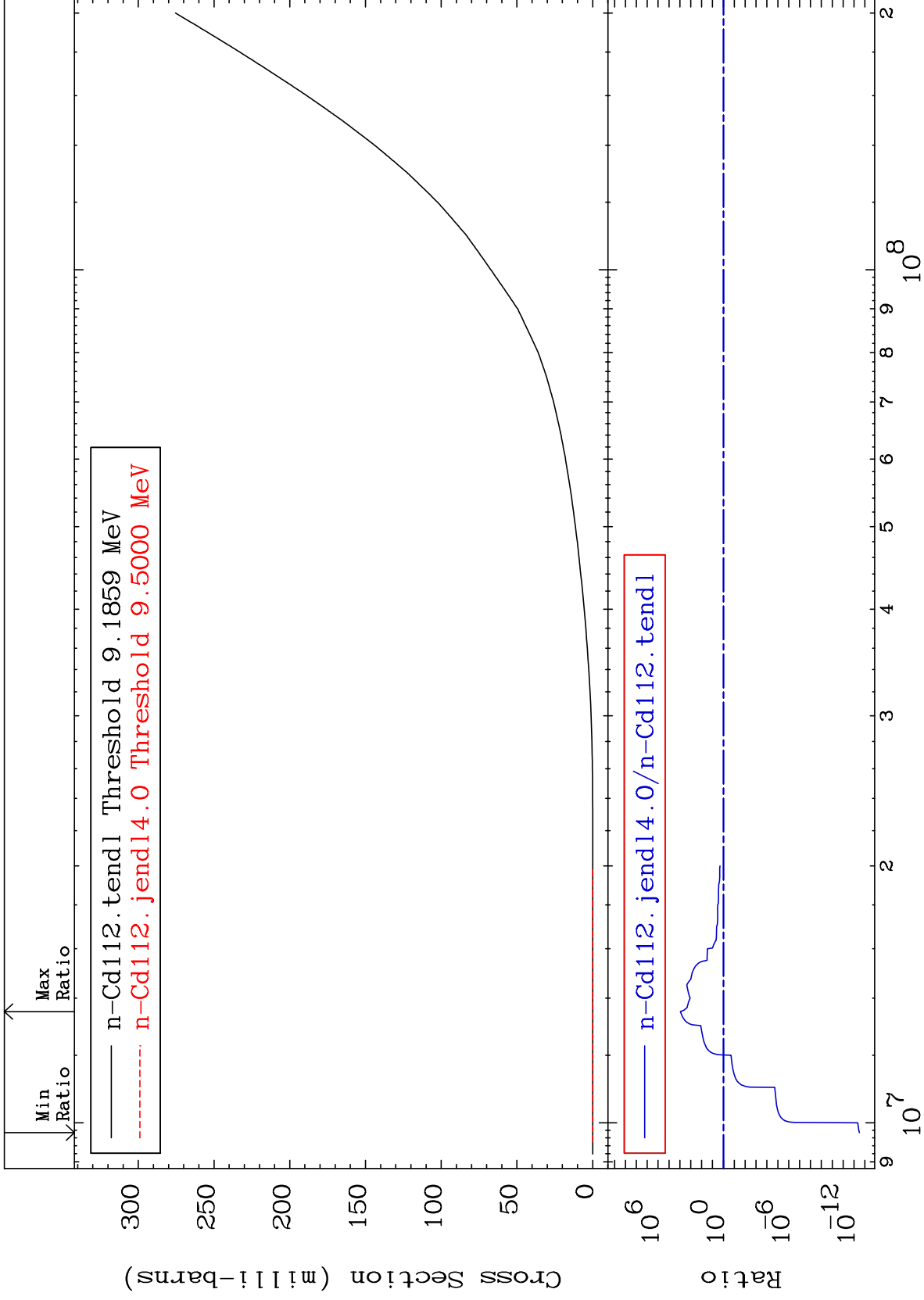
48



MAT 4843

He-3 Production  
Cross Section

48-Cd-112  
-100.0 To 9999. %



49

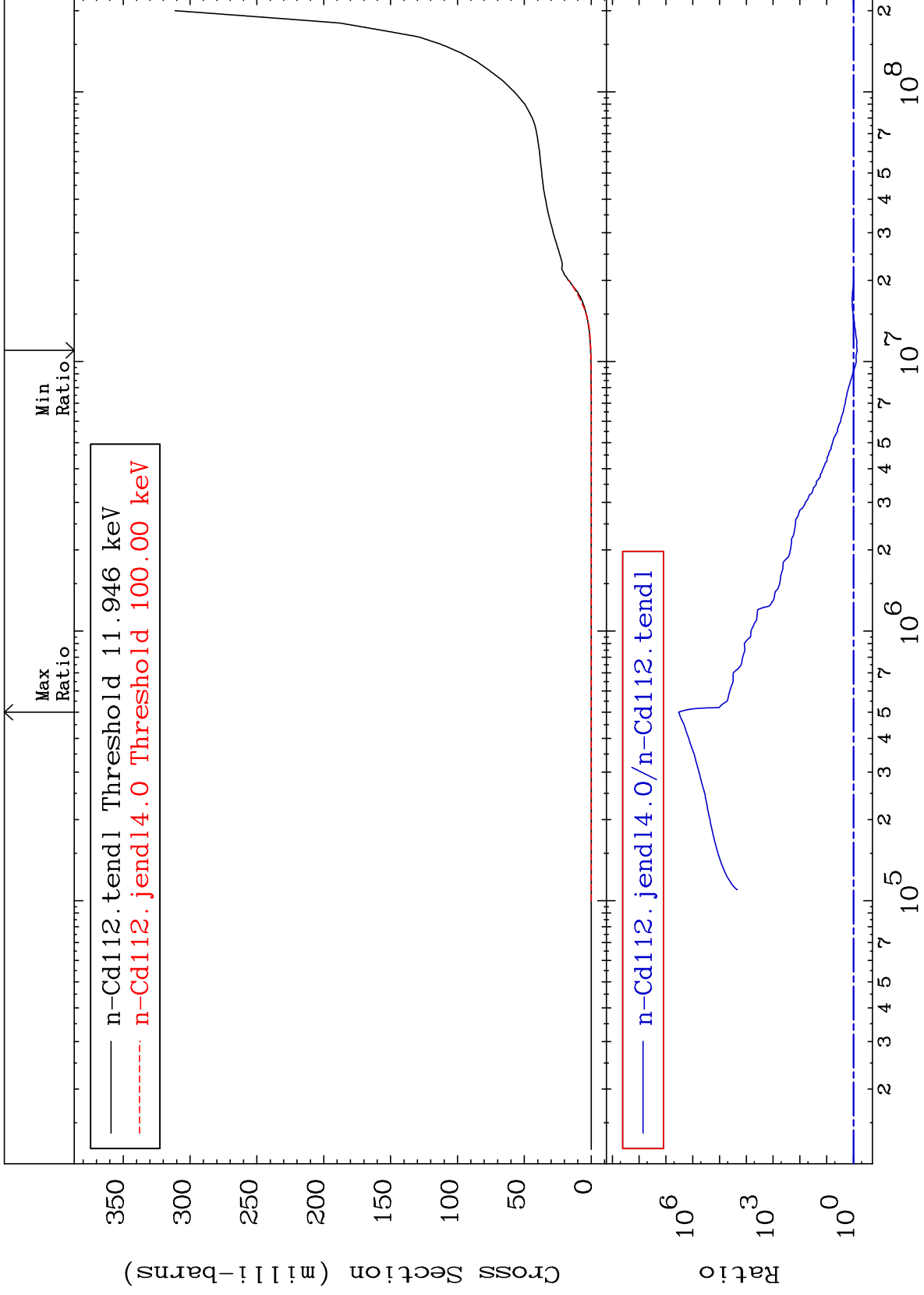
Incident Energy (eV)

48-Cd-112

MAT 4843

He-4 Production  
Cross Section

48-Cd-112  
-27.68 To 9999. %



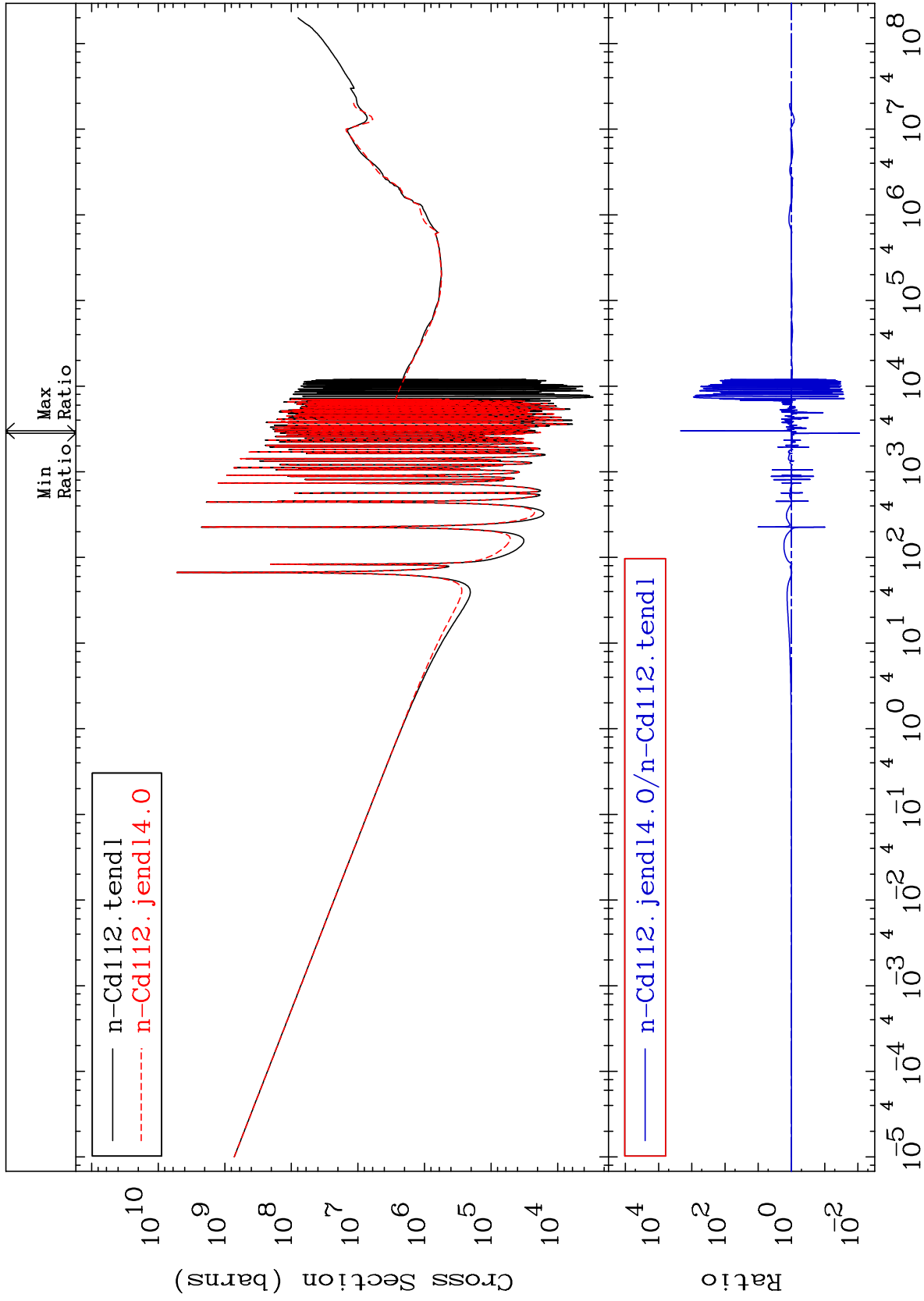
50

Incident Energy (eV)

48-Cd-112

Cross Section

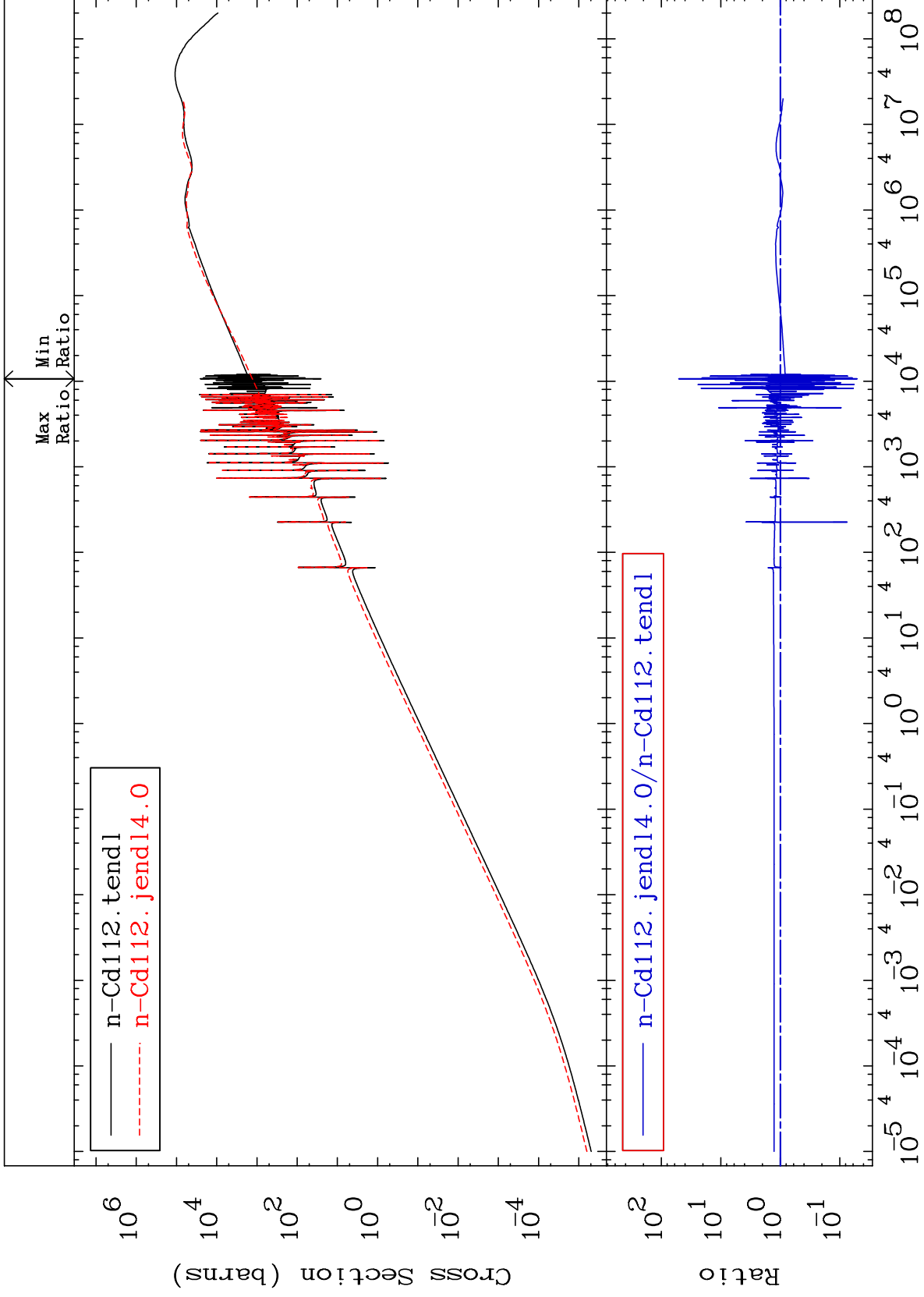
-99.11 To 9999. %

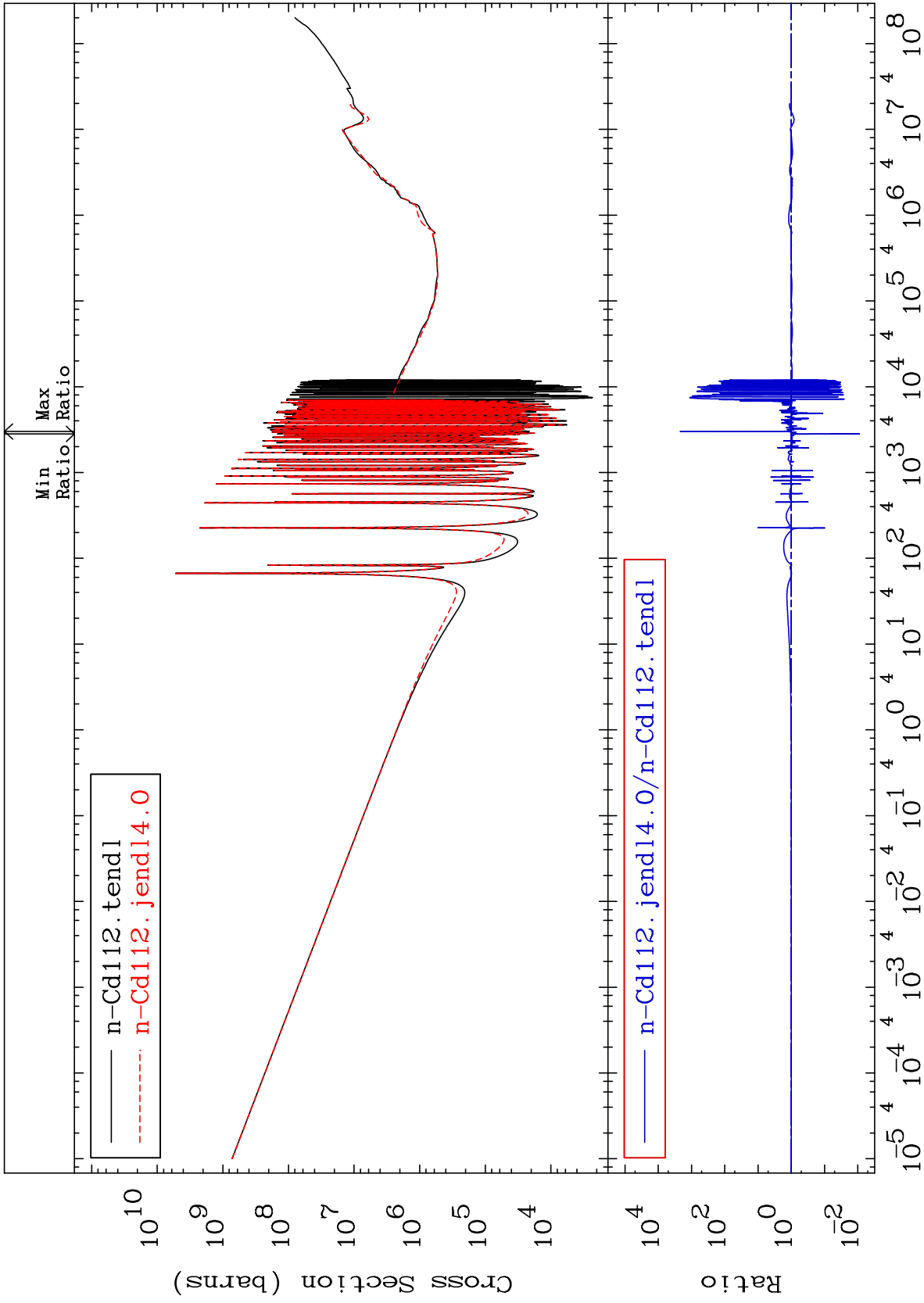


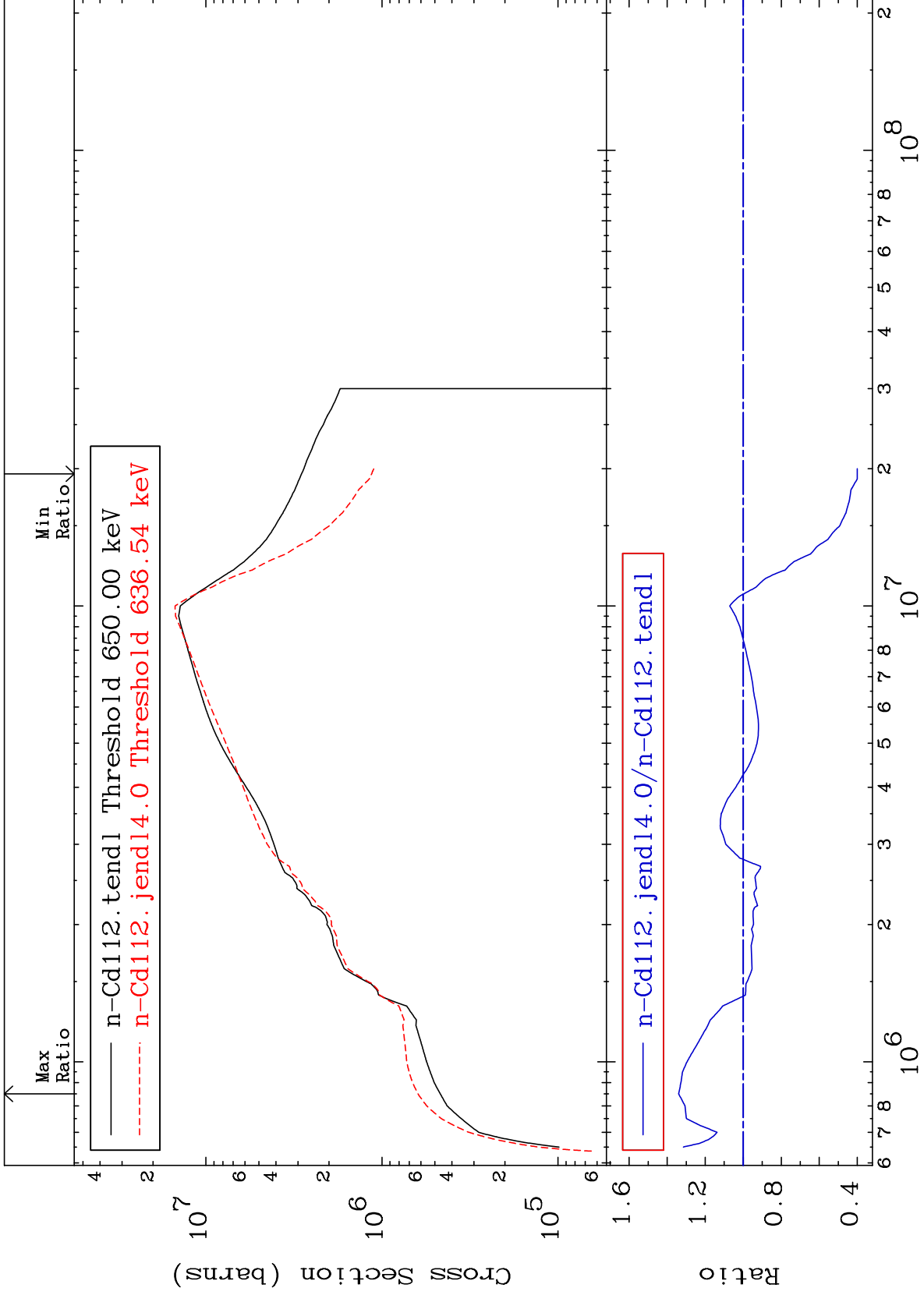
MAT 4843

Kerma elastic  
Cross Section

48-Cd-112  
-94.90 To 5023. %



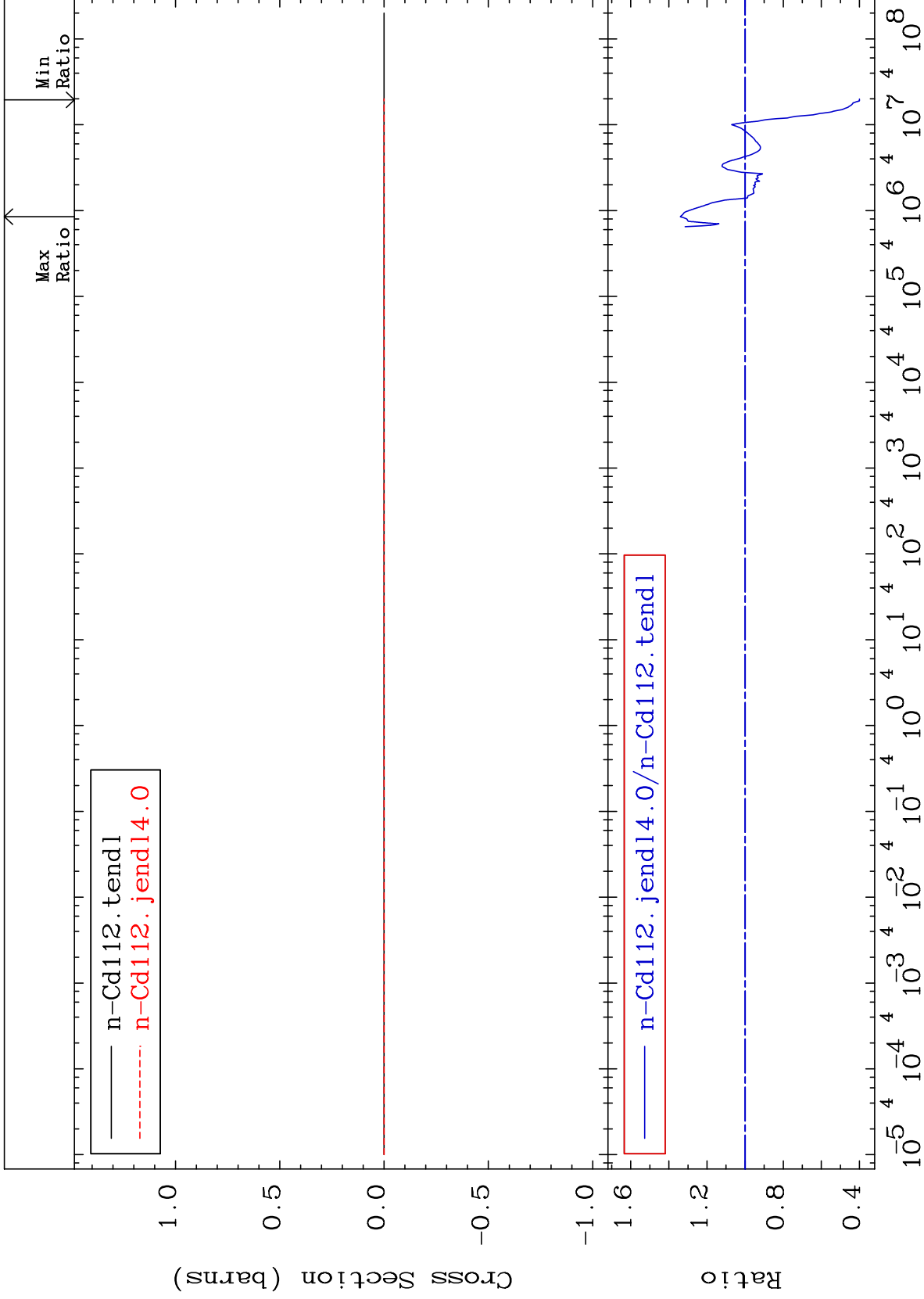




MAT 4843

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

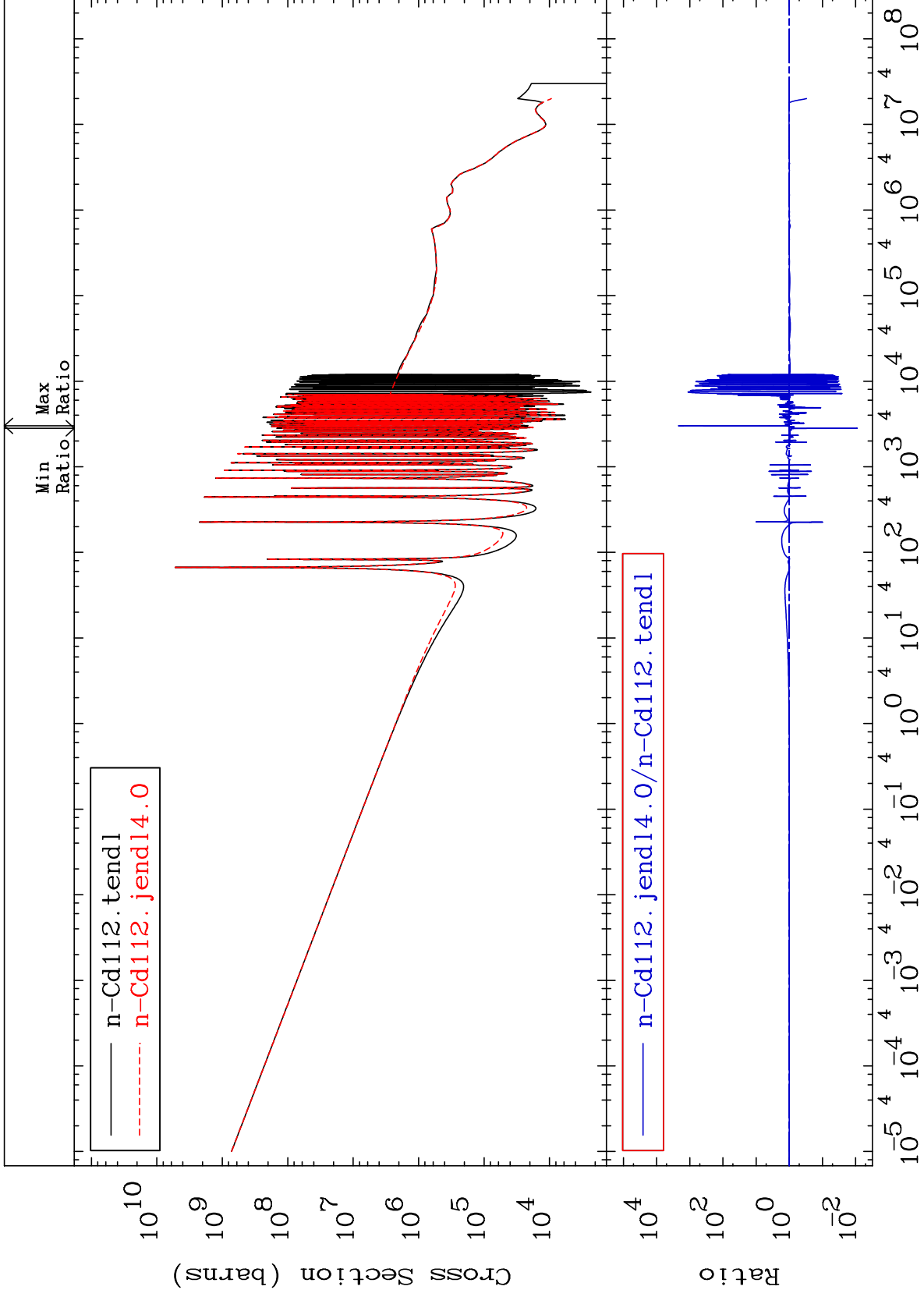
48-Cd-112  
-59.98 To 33.99 %



55

Incident Energy (eV)

48-Cd-112

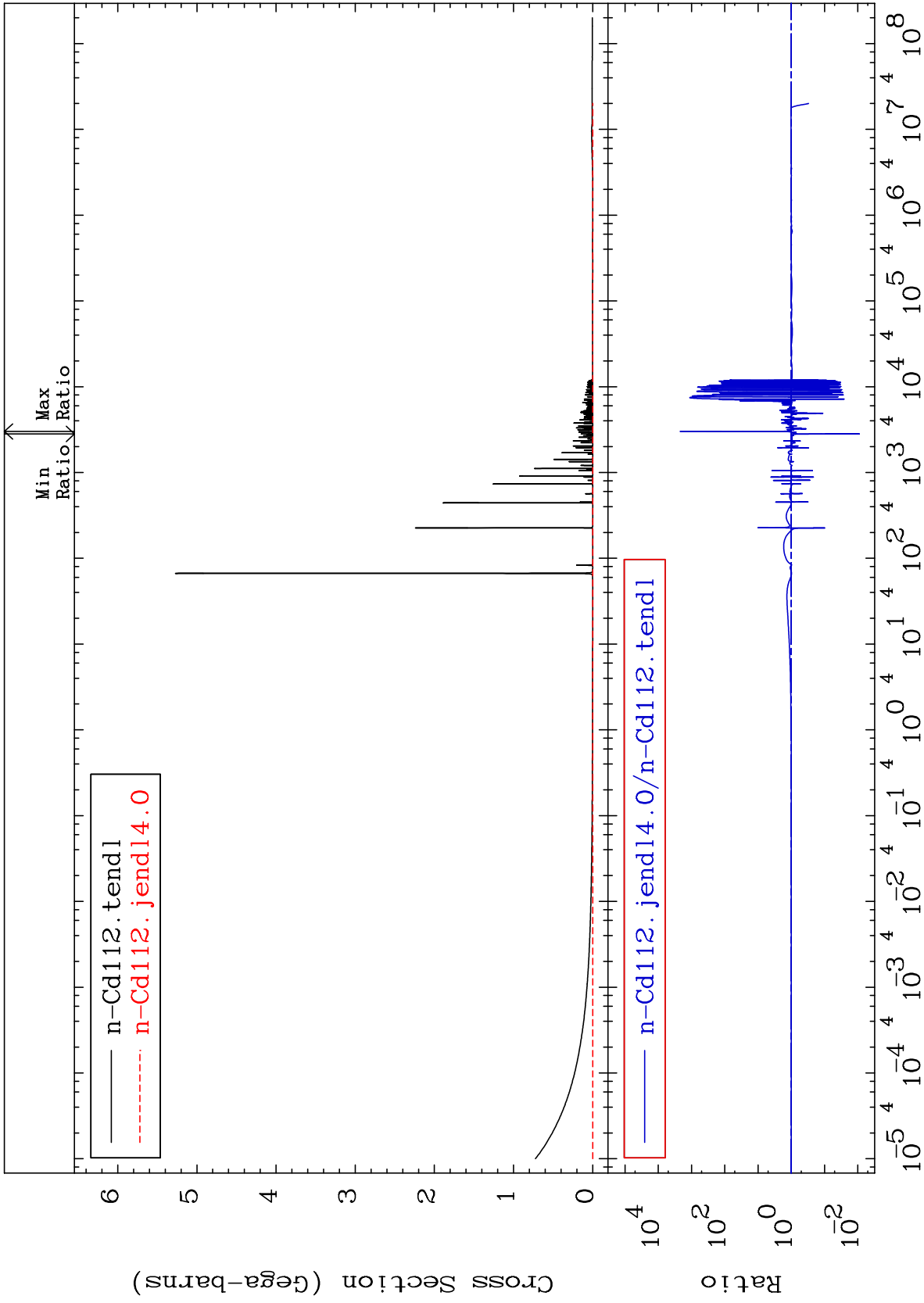


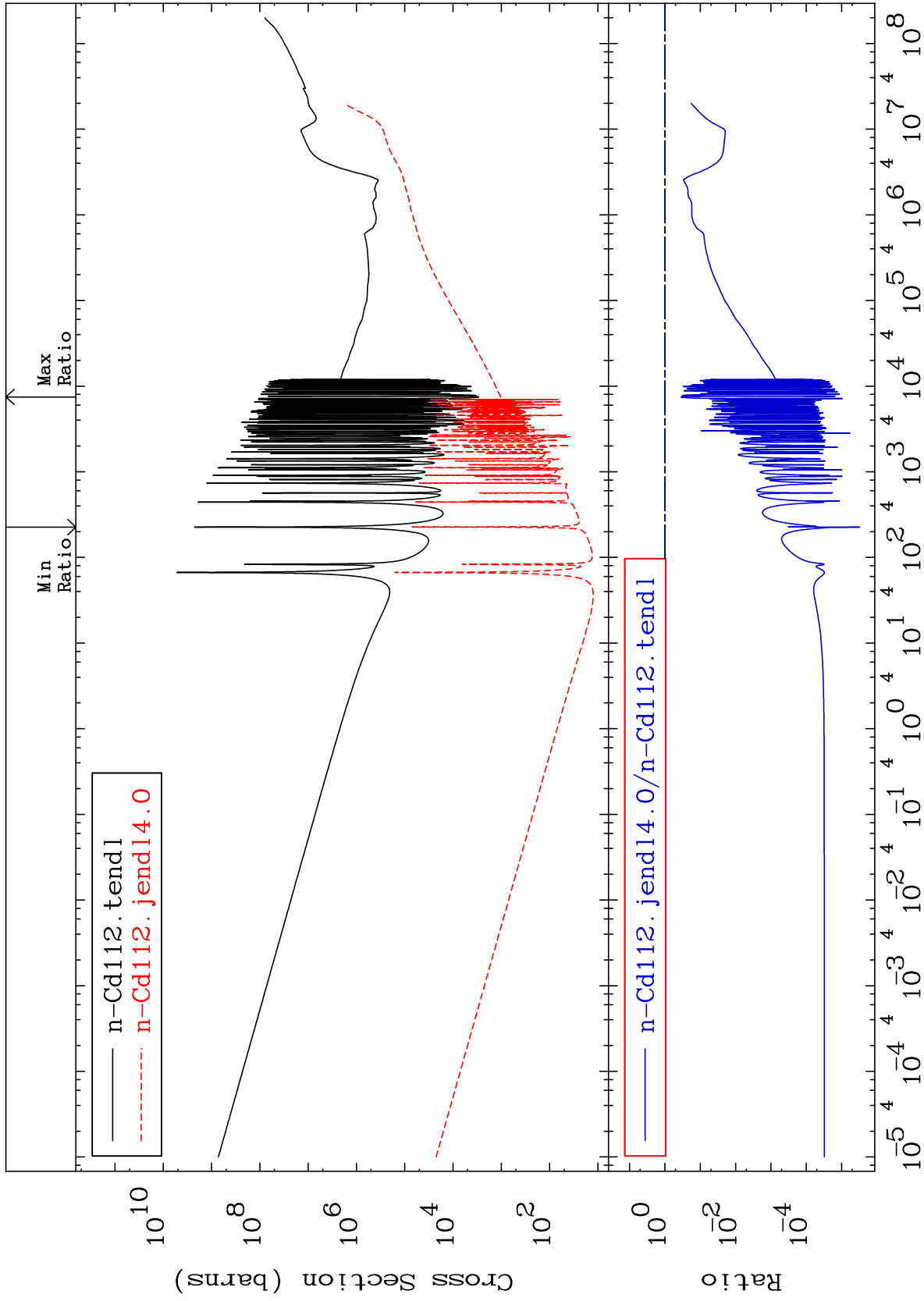


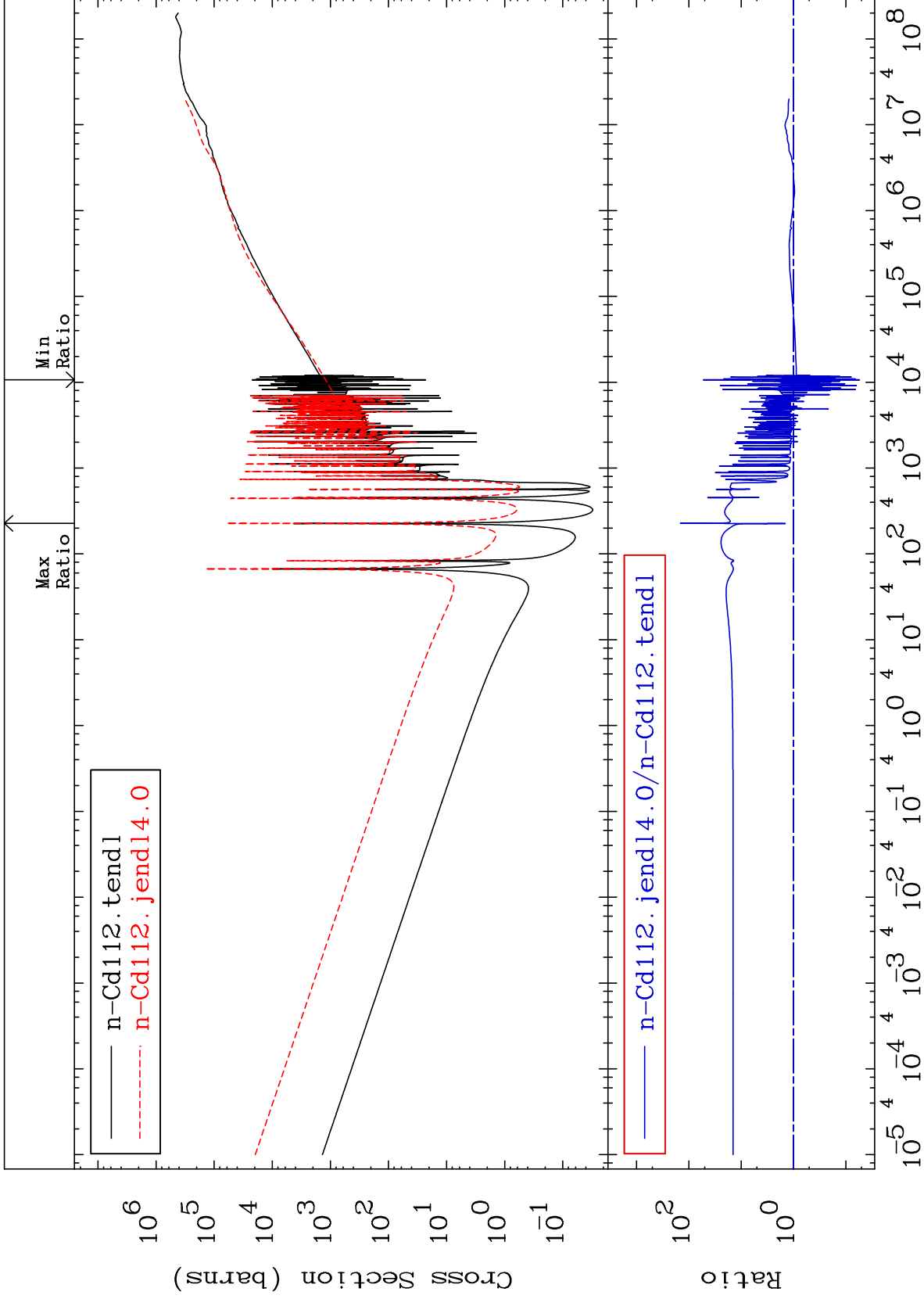
MAT 4843

Total photon (eV-barns)  
Cross Section

48-Cd-112  
-99.11 To 9999. %



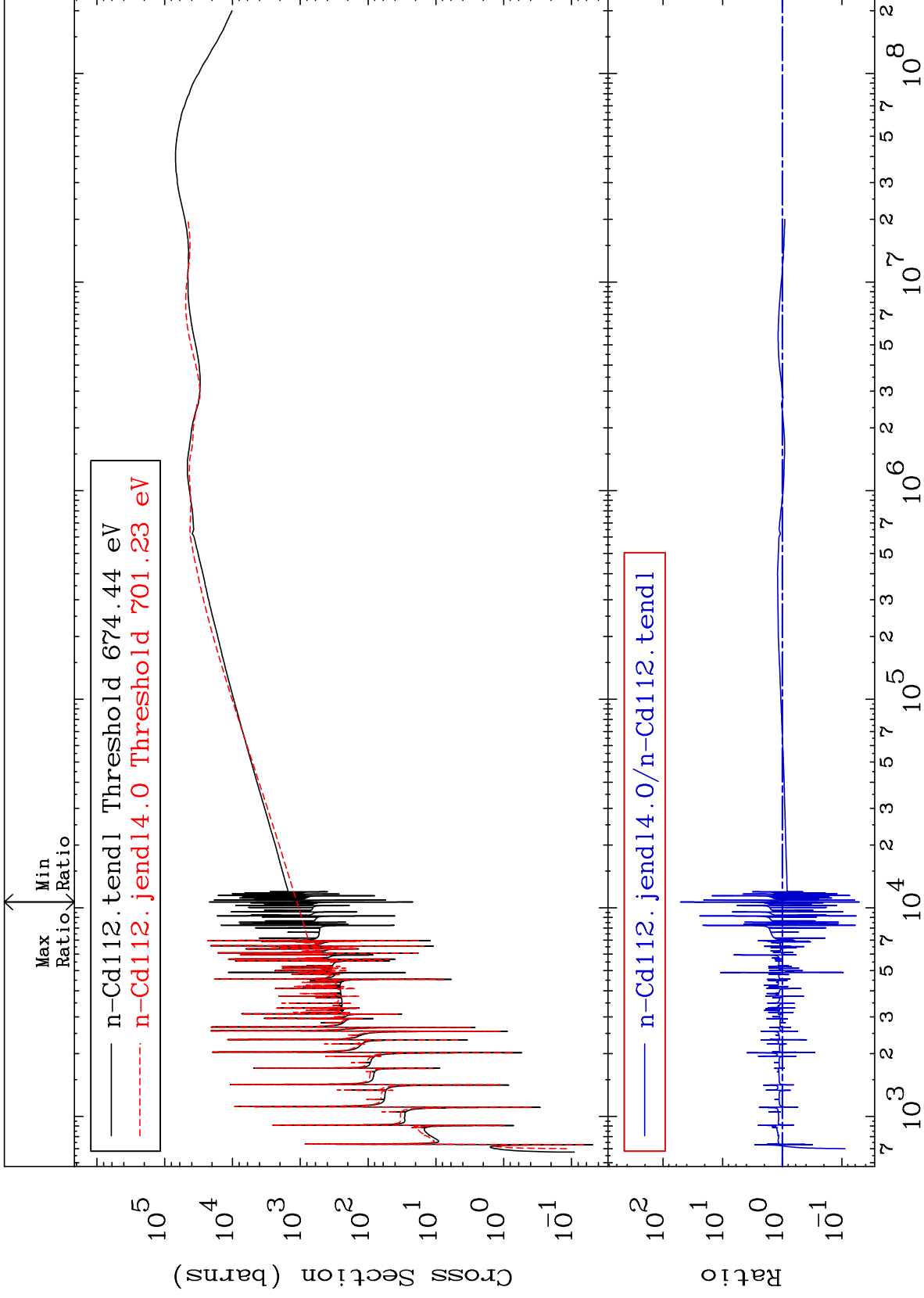




MAT 4843

Dpa elastic (mt2)  
Cross Section

48-Cd-112  
-94.90 To 5023. %



60

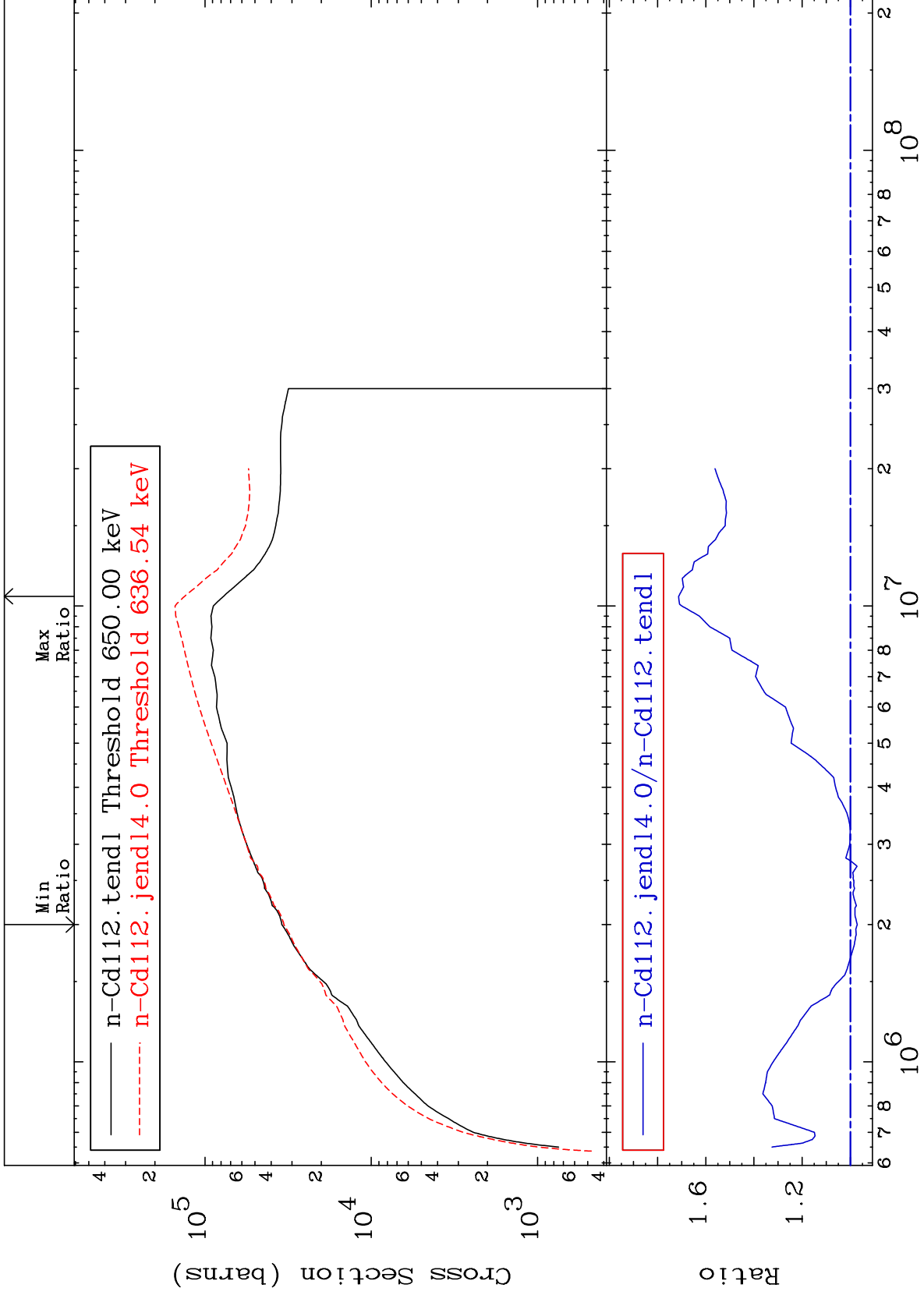
48-Cd-112

48-Cd-112

MAT 4843

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-112  
-2.833 To 71.24 %



61

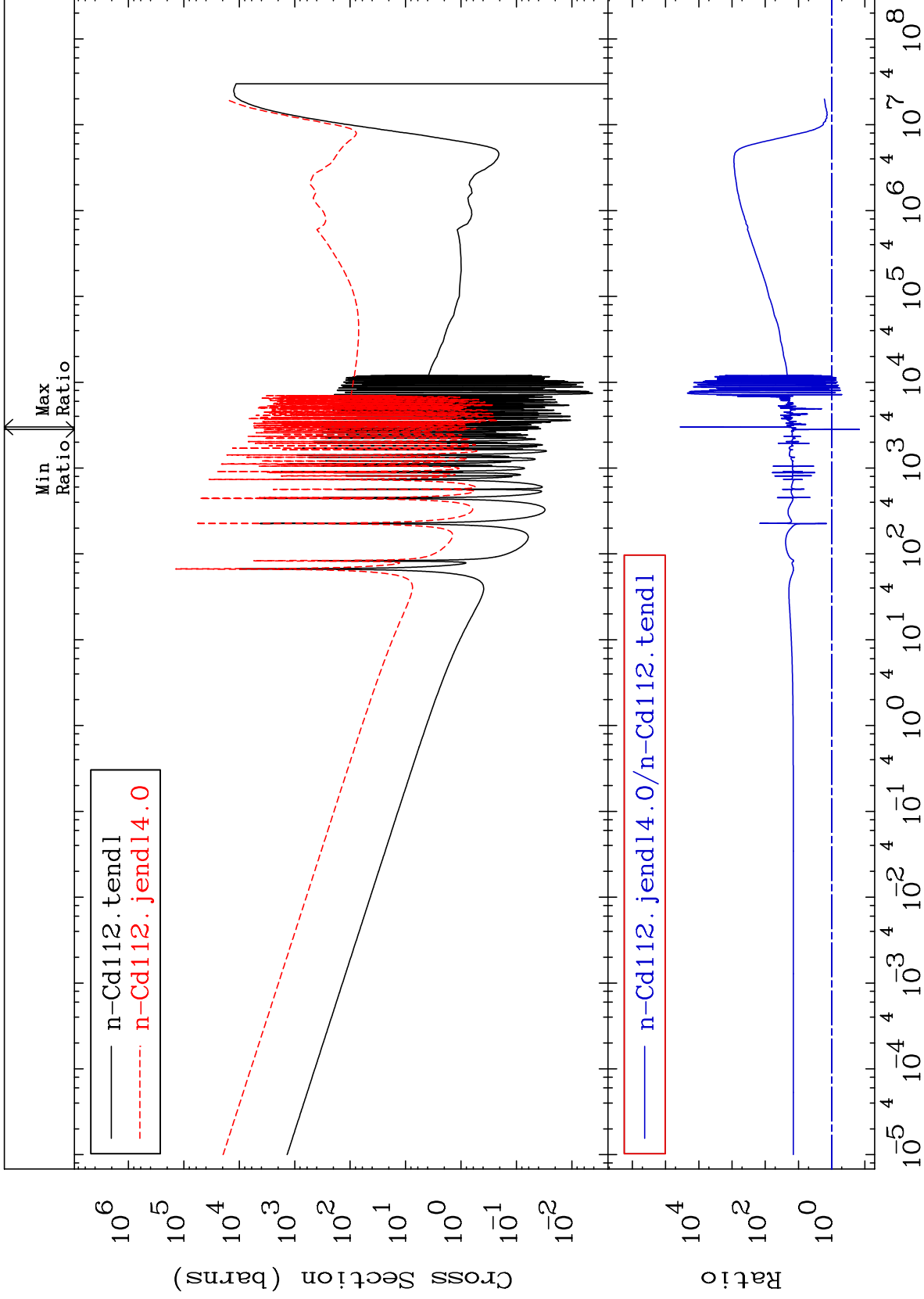
Incident Energy (eV)

48-Cd-112

MAT 4843

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-112  
-85.39 To 9999. %



62

Incident Energy (eV)

48-Cd-112