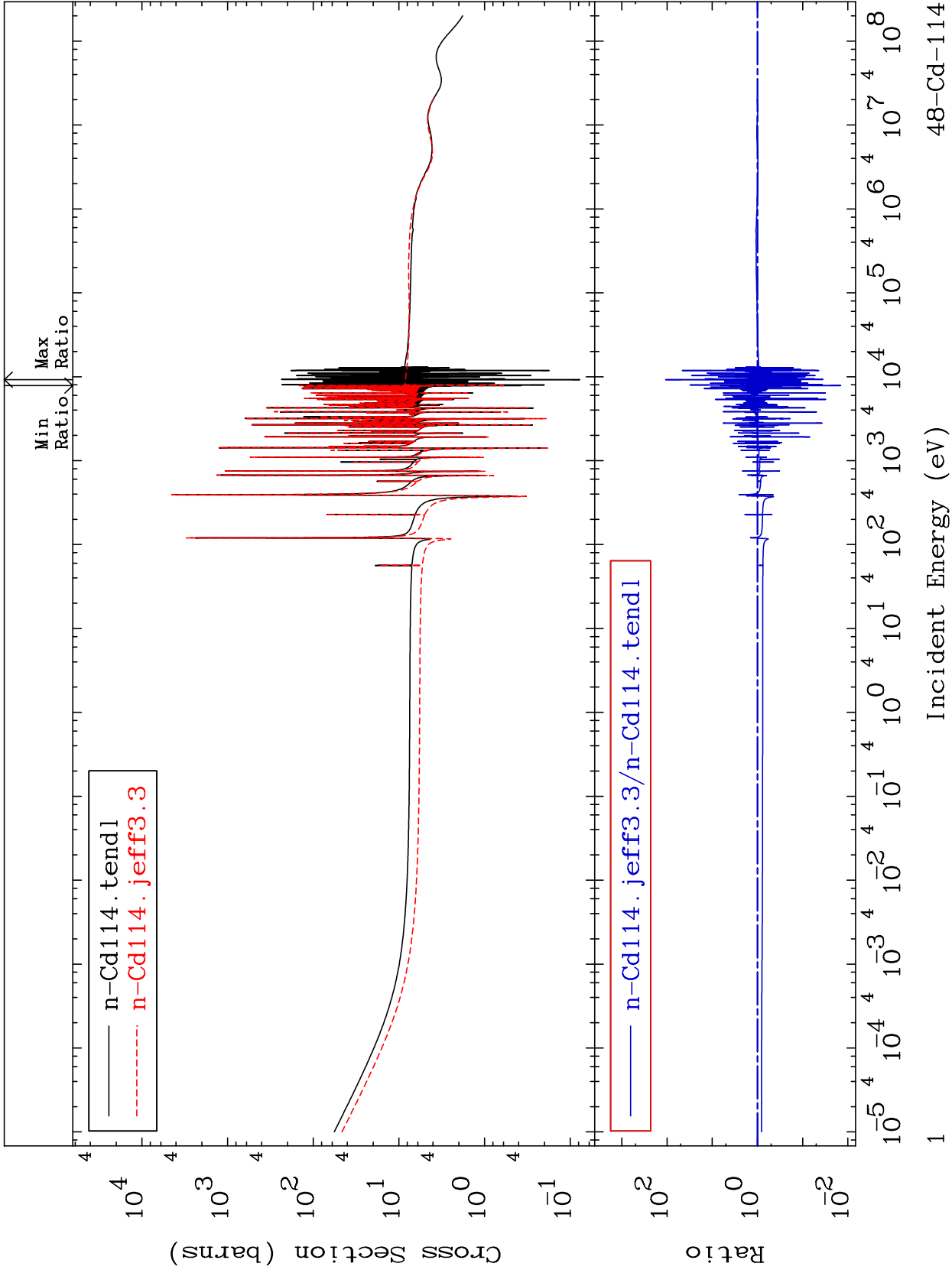


MAT 4849

Total  
Cross Section

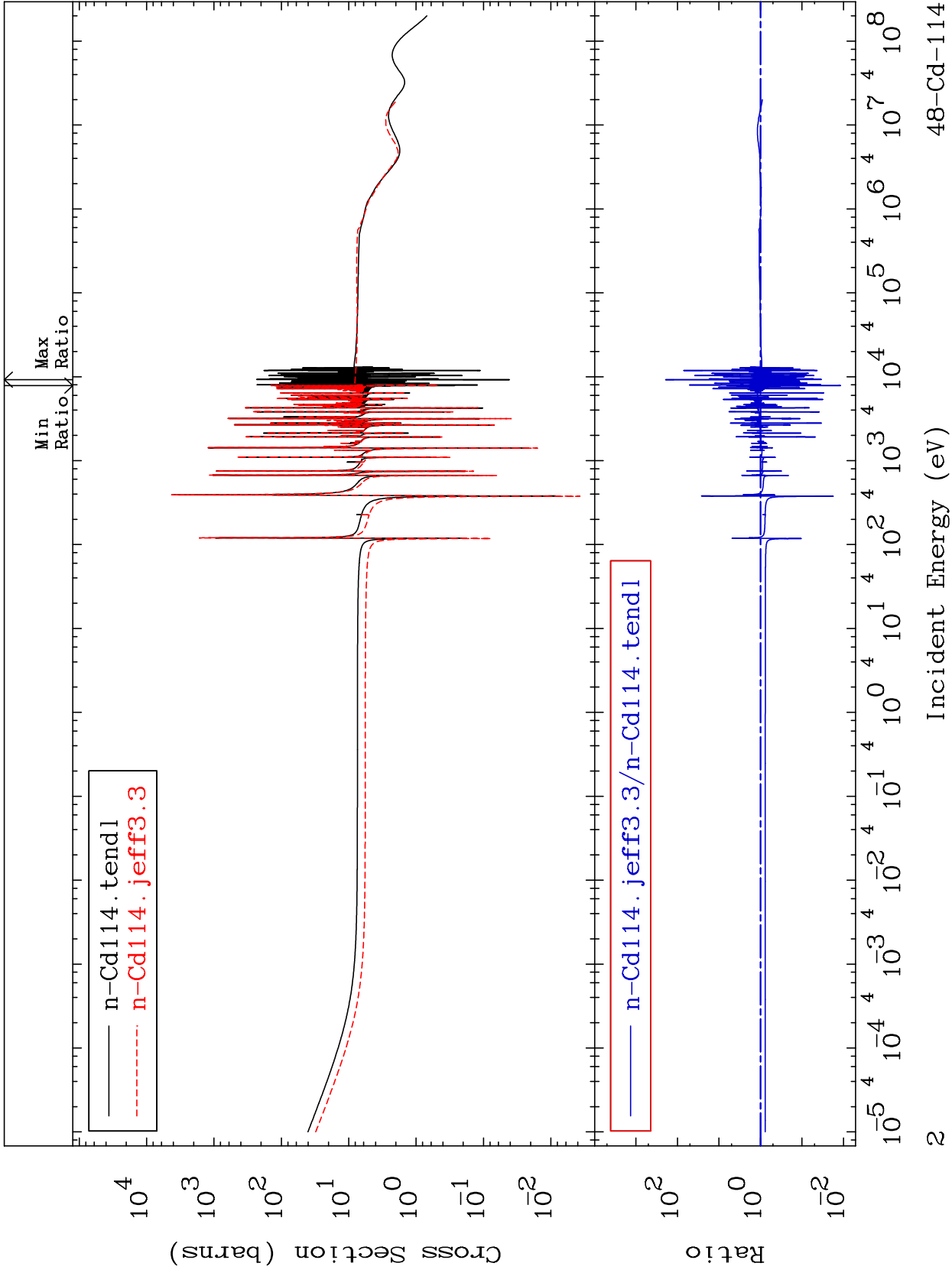
48-Cd-114  
-98.56 To 9999. %



MAT 4849

Elastic  
Cross Section

48-Cd-114  
-98.83 To 9999. %



48-Cd-114

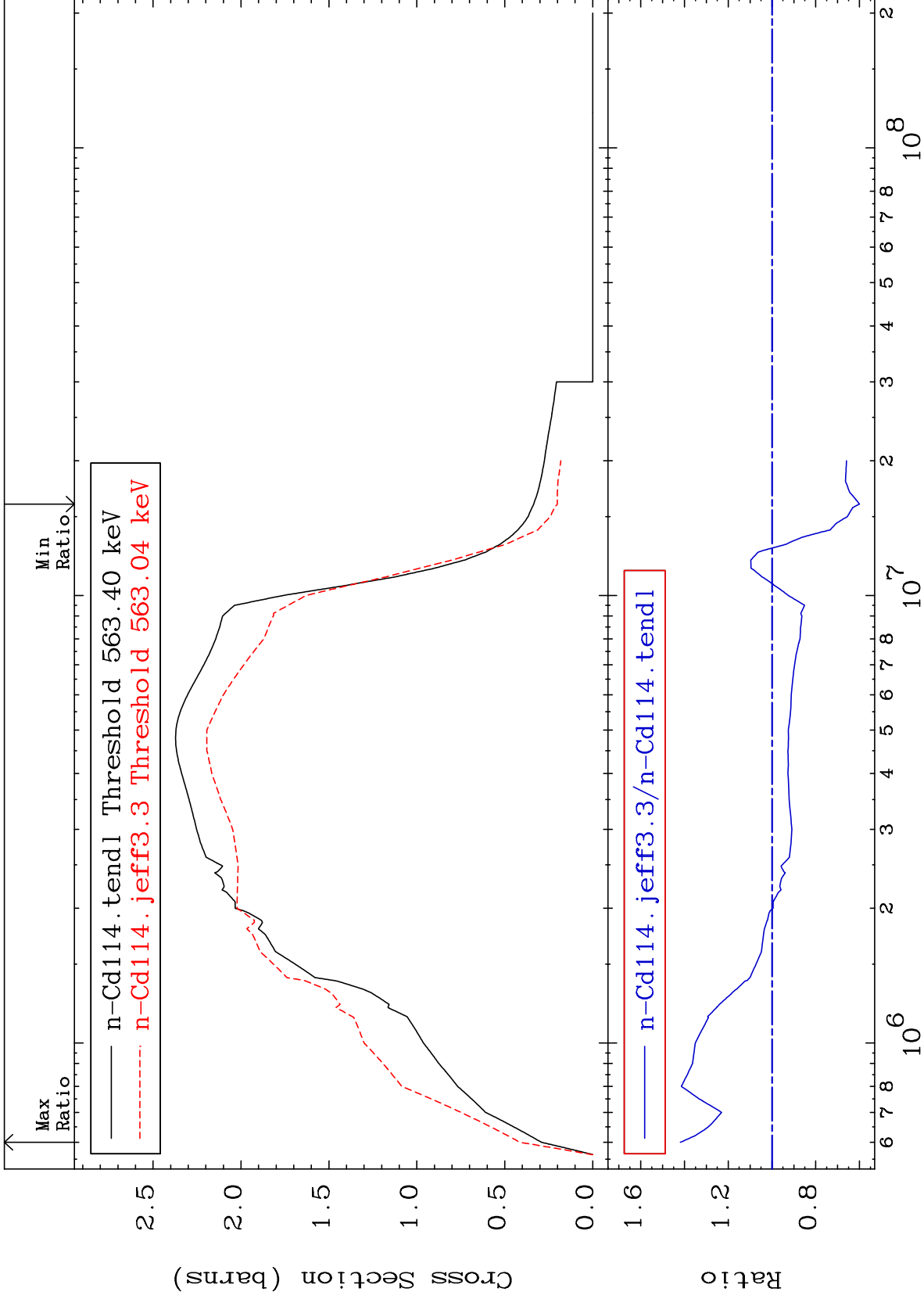
Incident Energy (eV)

2

MAT 4849

Inelastic  
Cross Section

48-Cd-114  
-39.99 To 41.89 %



3

Incident Energy (eV)

48-Cd-114

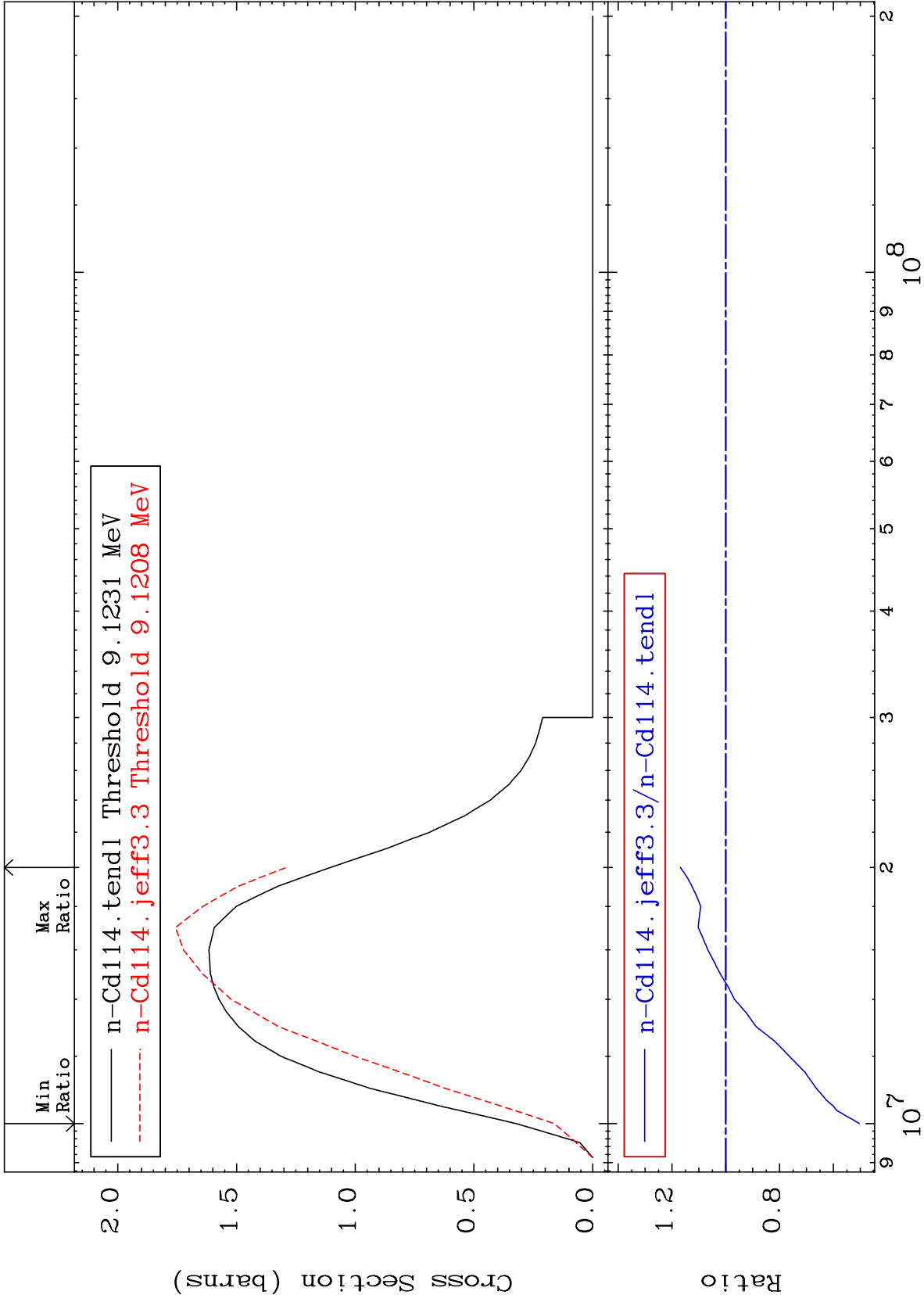
MAT 4849

(n,2n)

48-Cd-114

Cross Section

-49.68 To 16.89 %



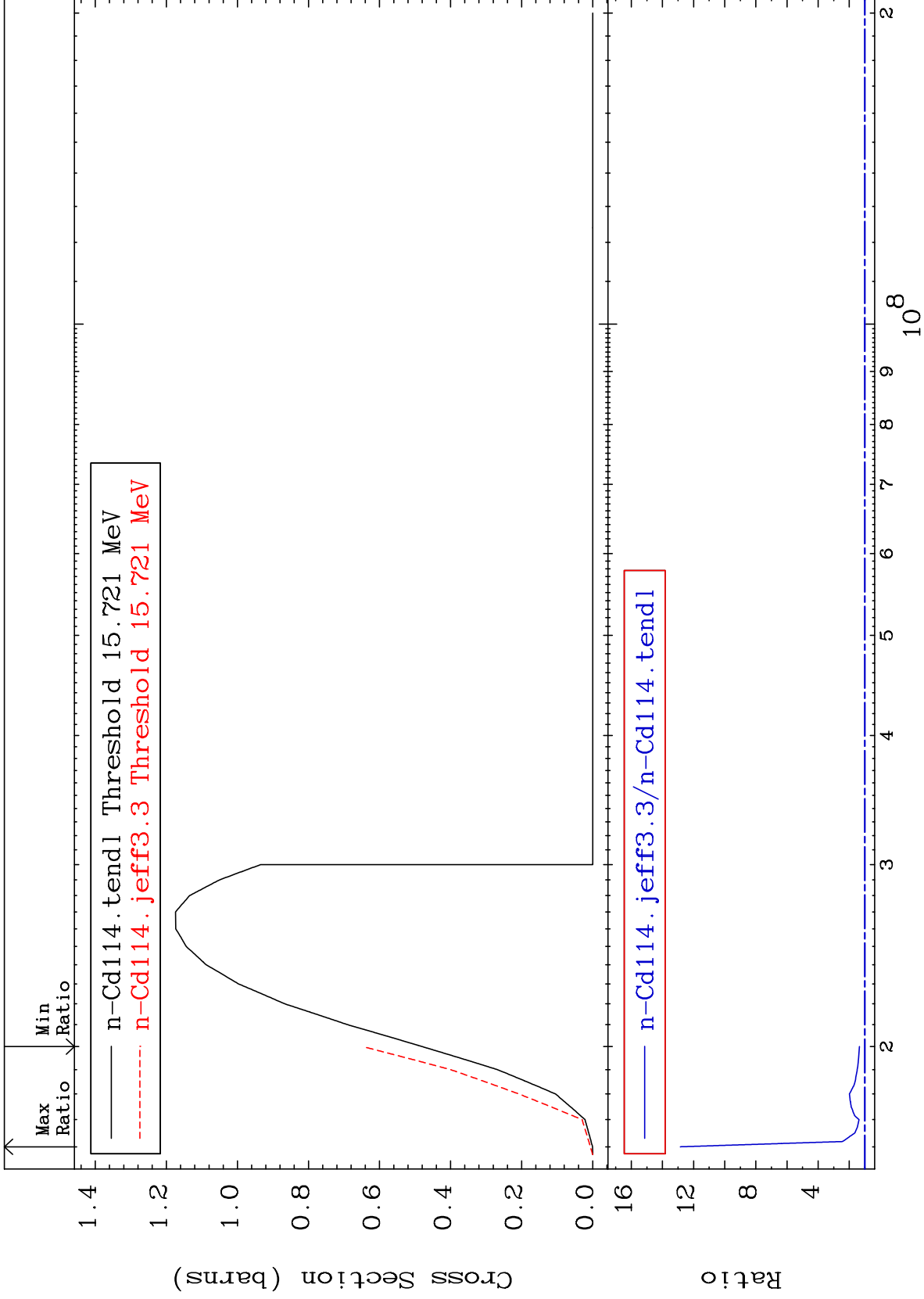
MAT 4849

(n,3n)

48-Cd-114

Cross Section

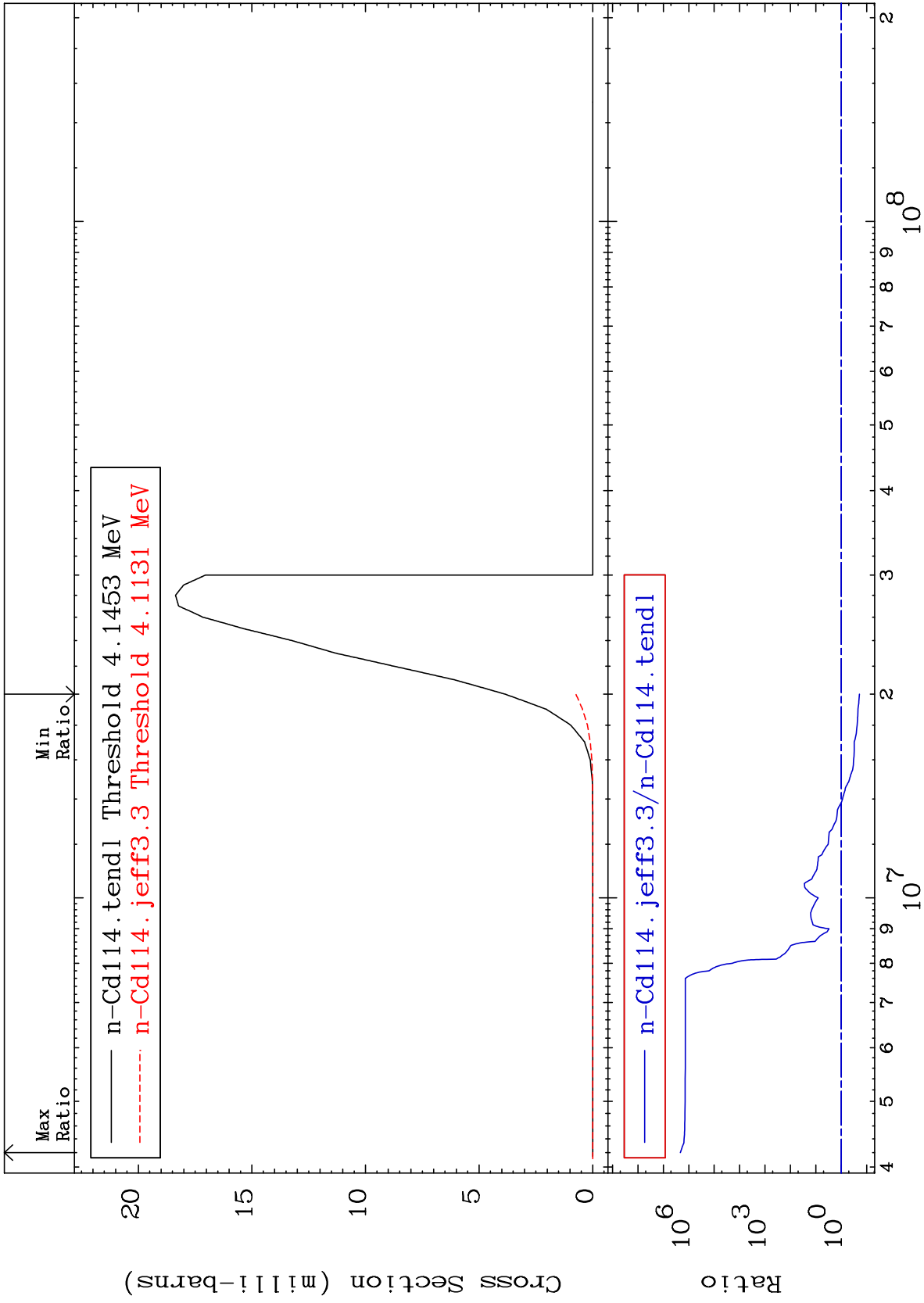
34.79 To 1185. %



MAT 4849

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

48-Cd-114  
-80.81 To 9999. %



6

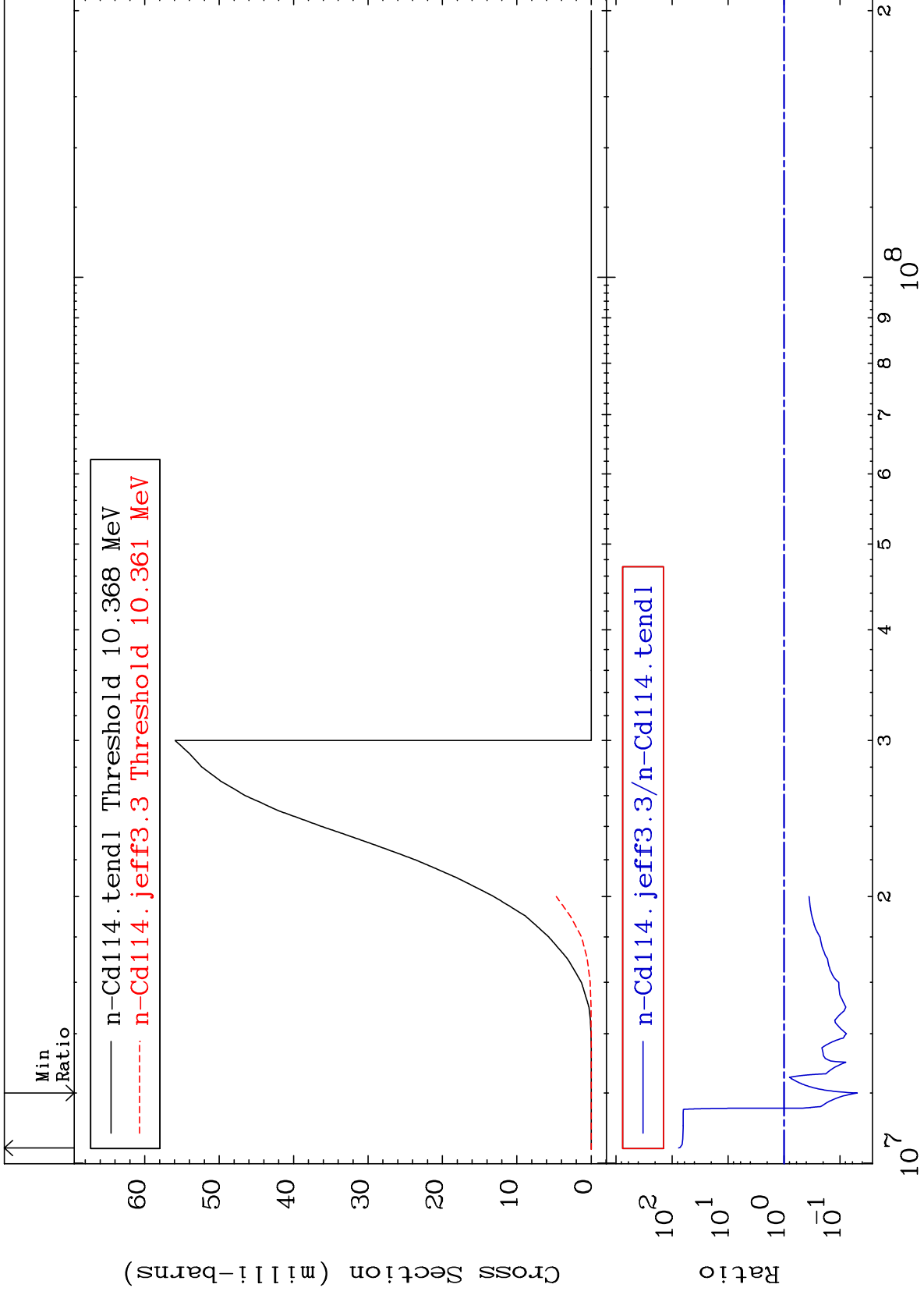
48-Cd-114

48-Cd-114

MAT 4849

(n,n') p  
Cross Section

48-Cd-114  
-95.07 To 7526. %



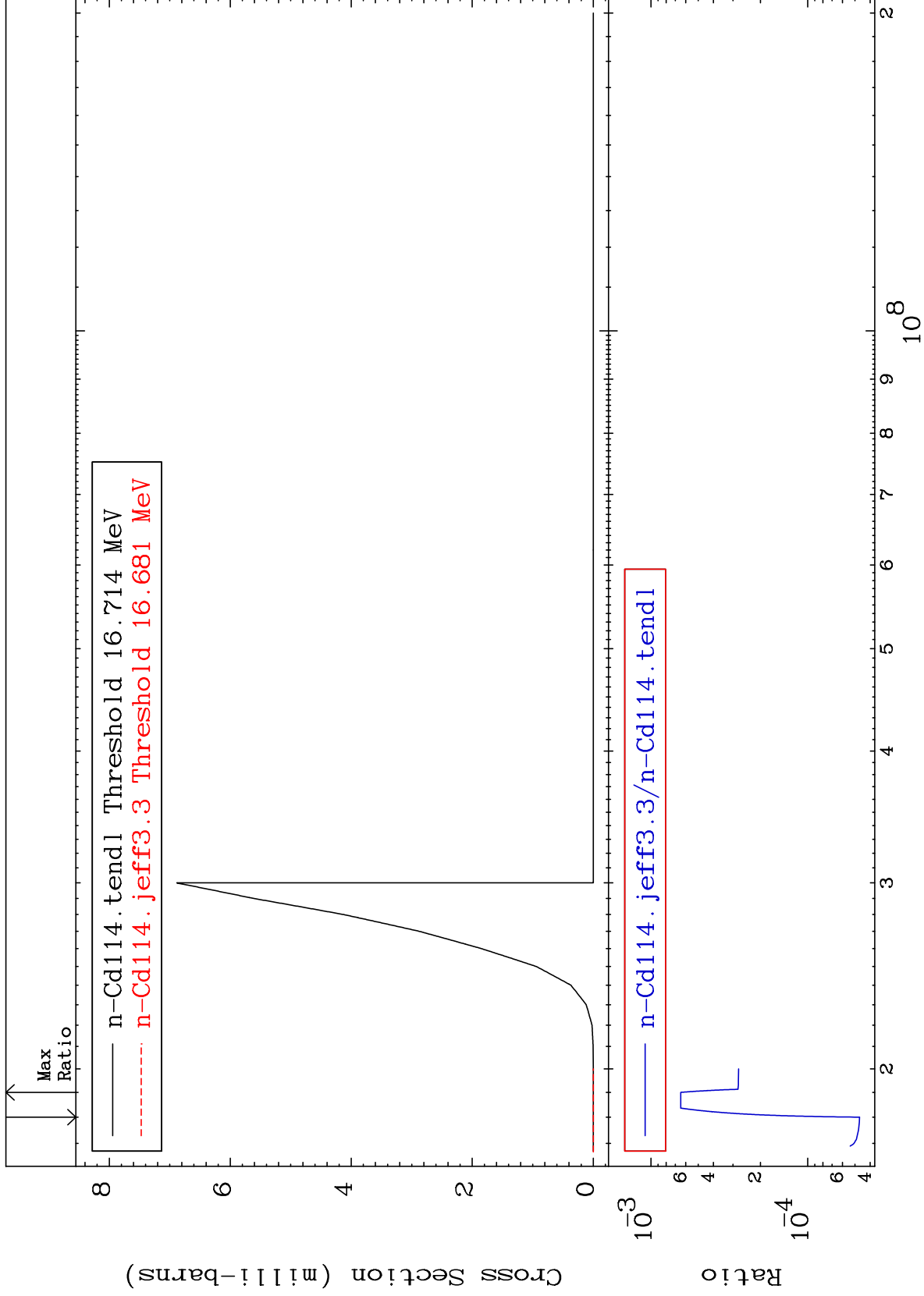
Incident Energy (eV)

48-Cd-114

MAT 4849

(n,n') d  
Cross Section

48-Cd-114  
-100.0 To -99.94%





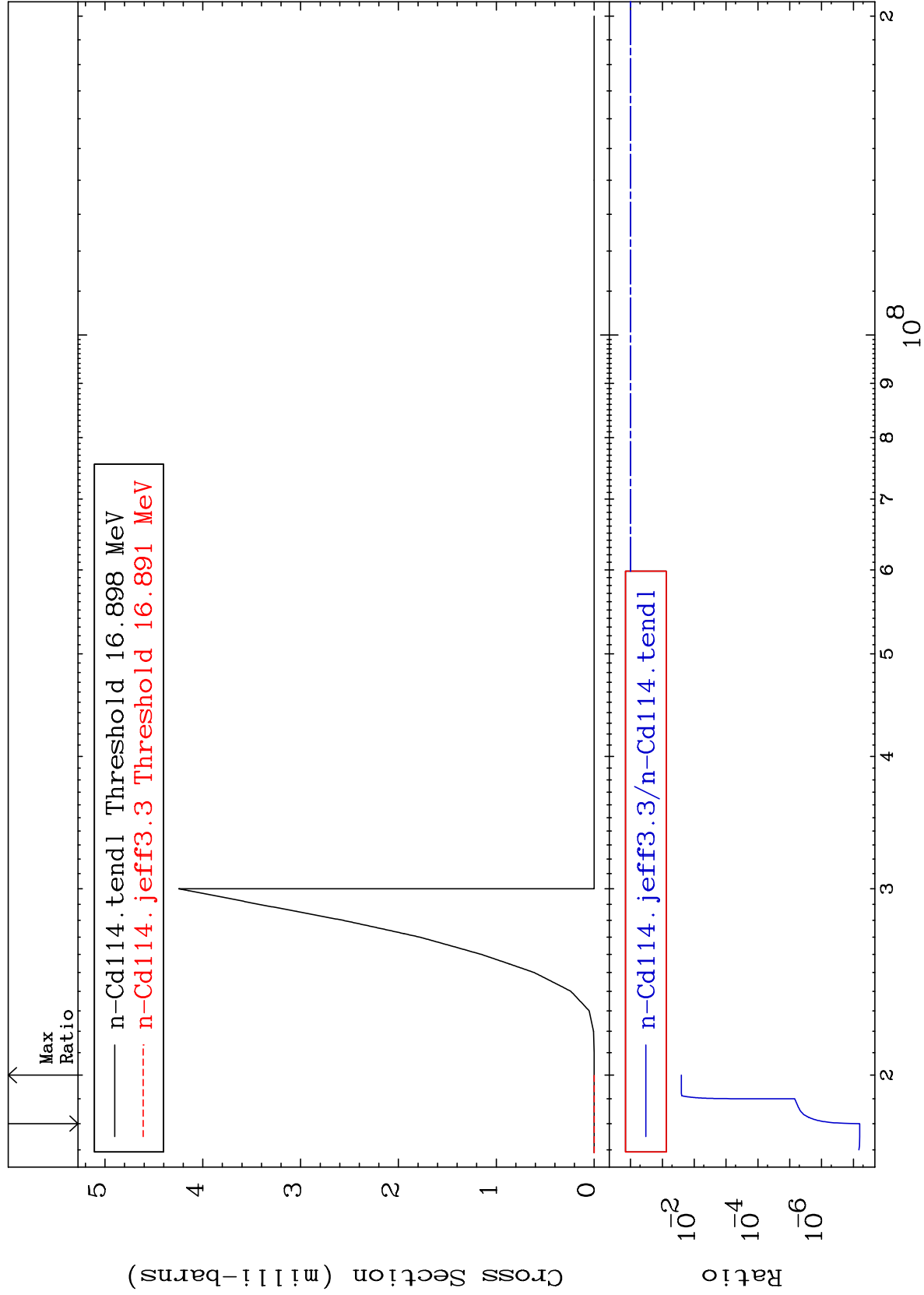
MAT 4849

(n,n') t

48-Cd-114

Cross Section

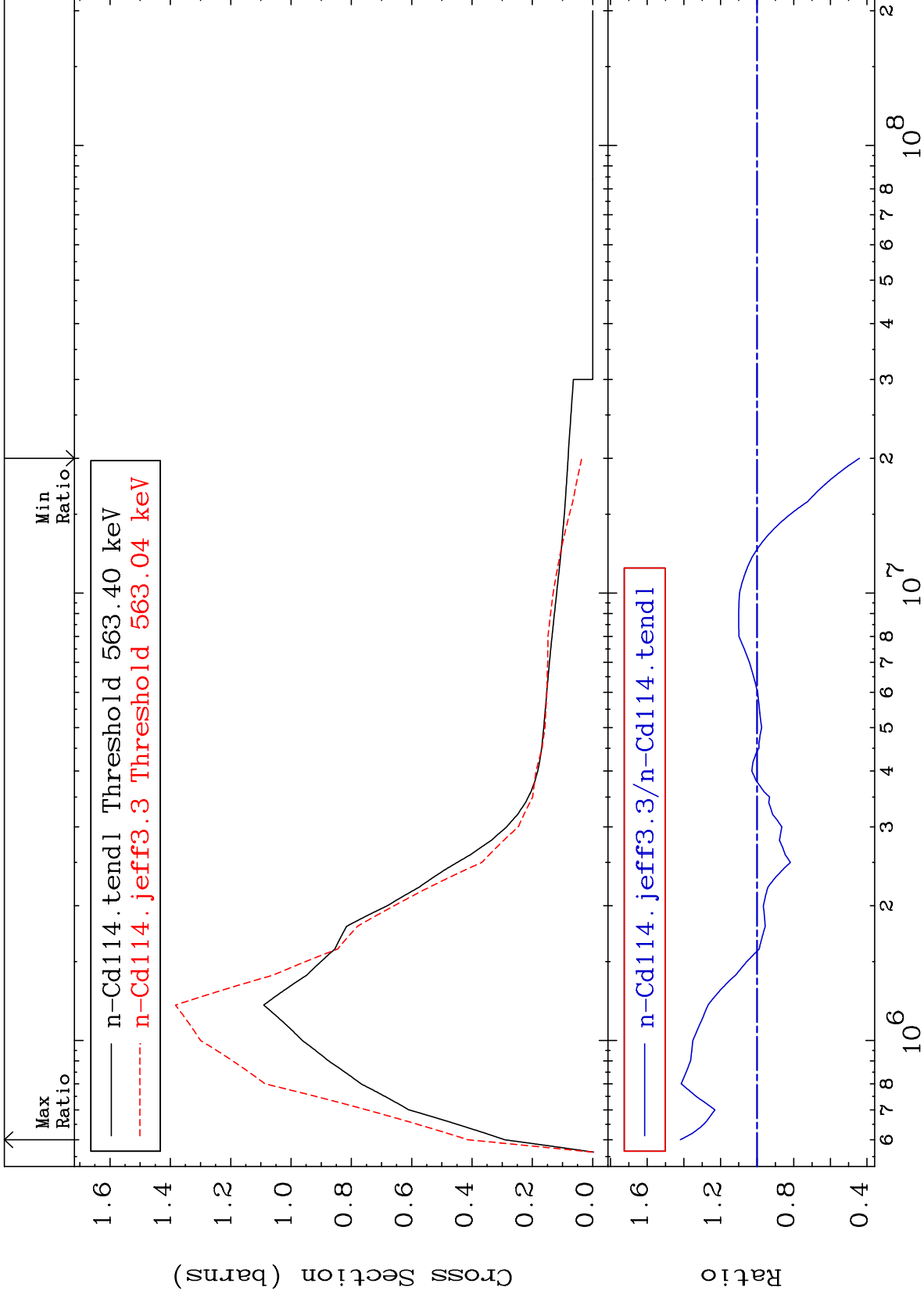
-100.0 To -97.47%



MAT 4849

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

48-Cd-114  
-55.87 To 41.89 %



10

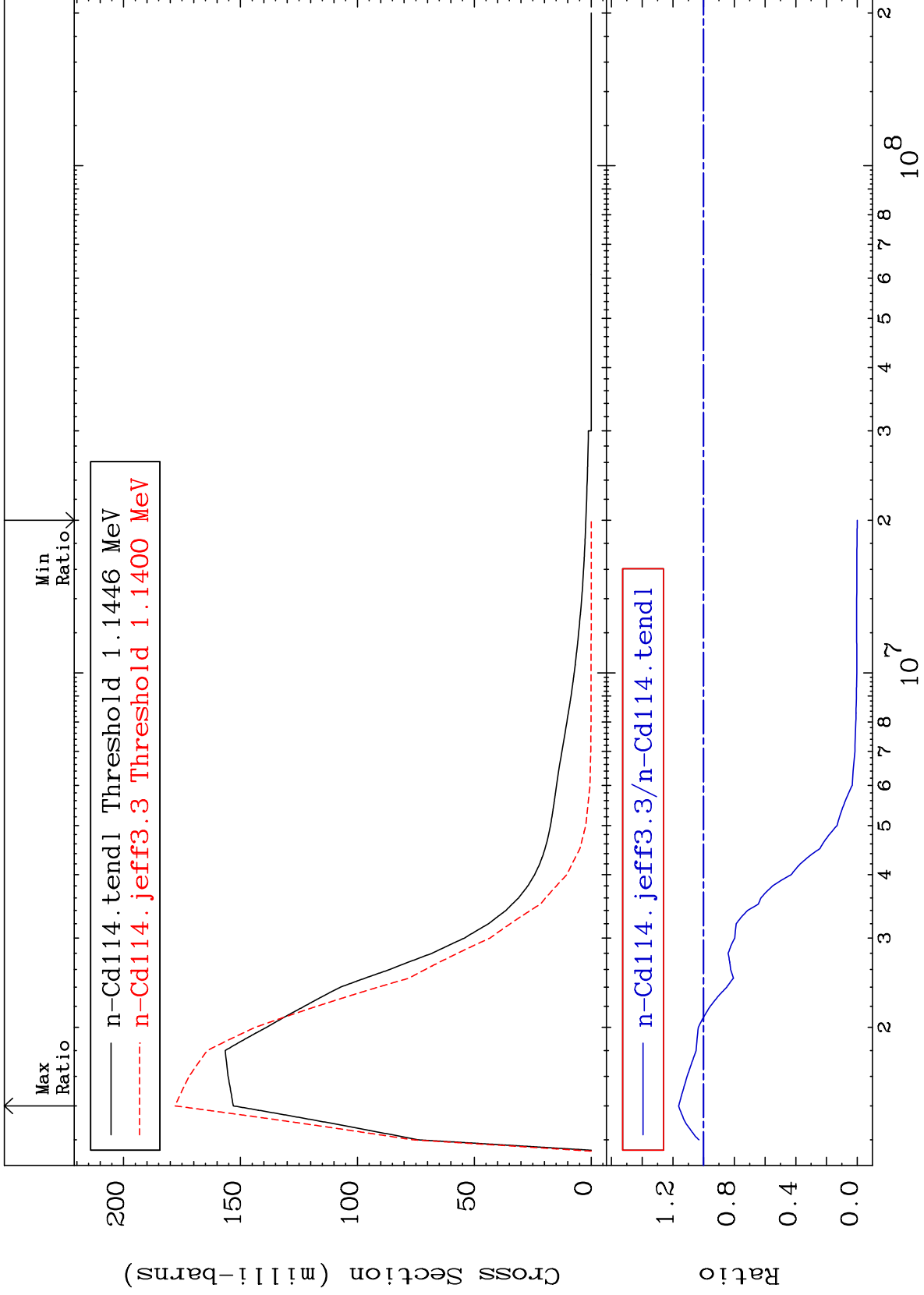
Incident Energy (eV)

48-Cd-114

MAT 4849

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

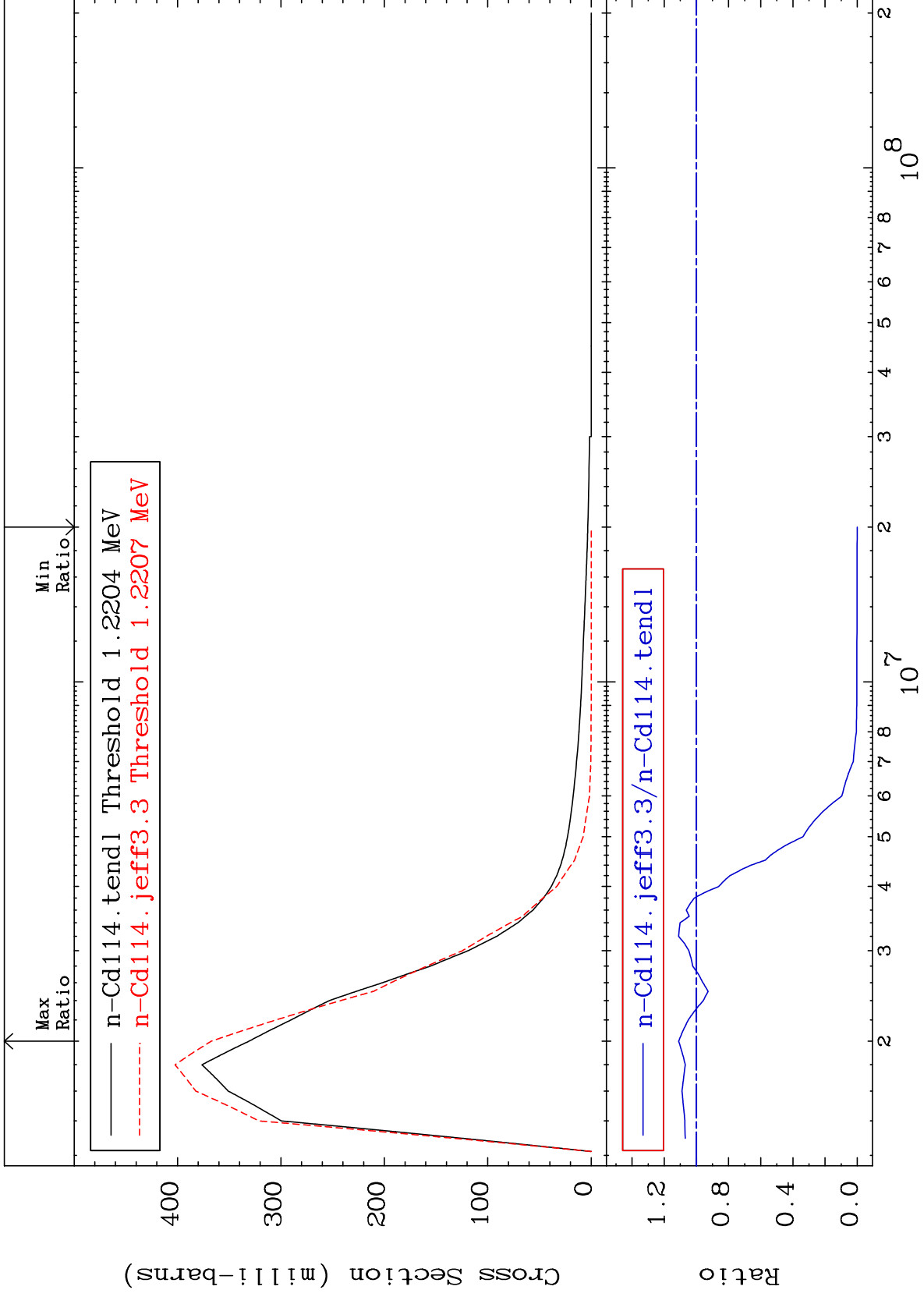
48-Cd-114  
-100.0 To 16.27 %



MAT 4849

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

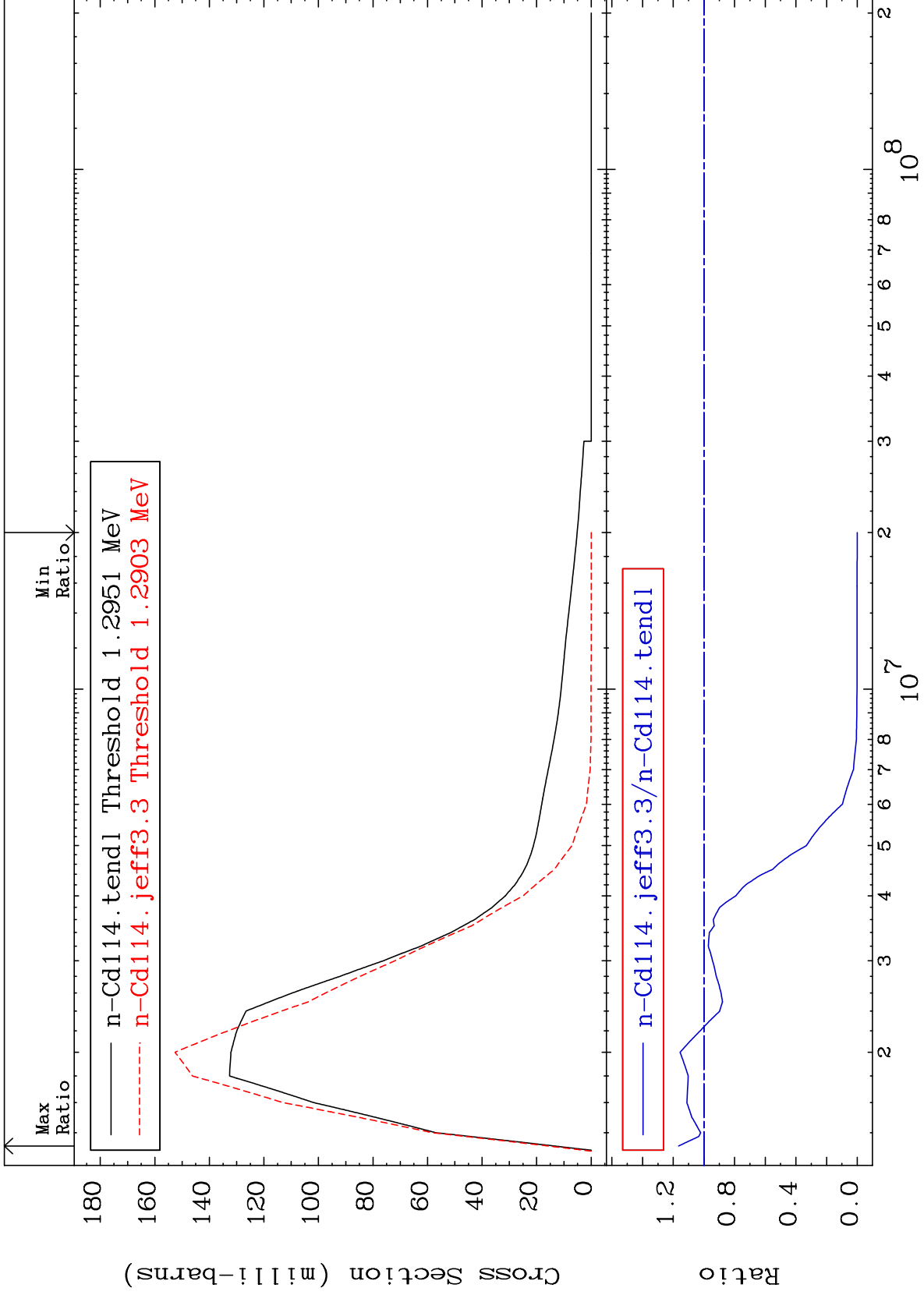
48-Cd-114  
-100.0 To 11.03 %



MAT 4849

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

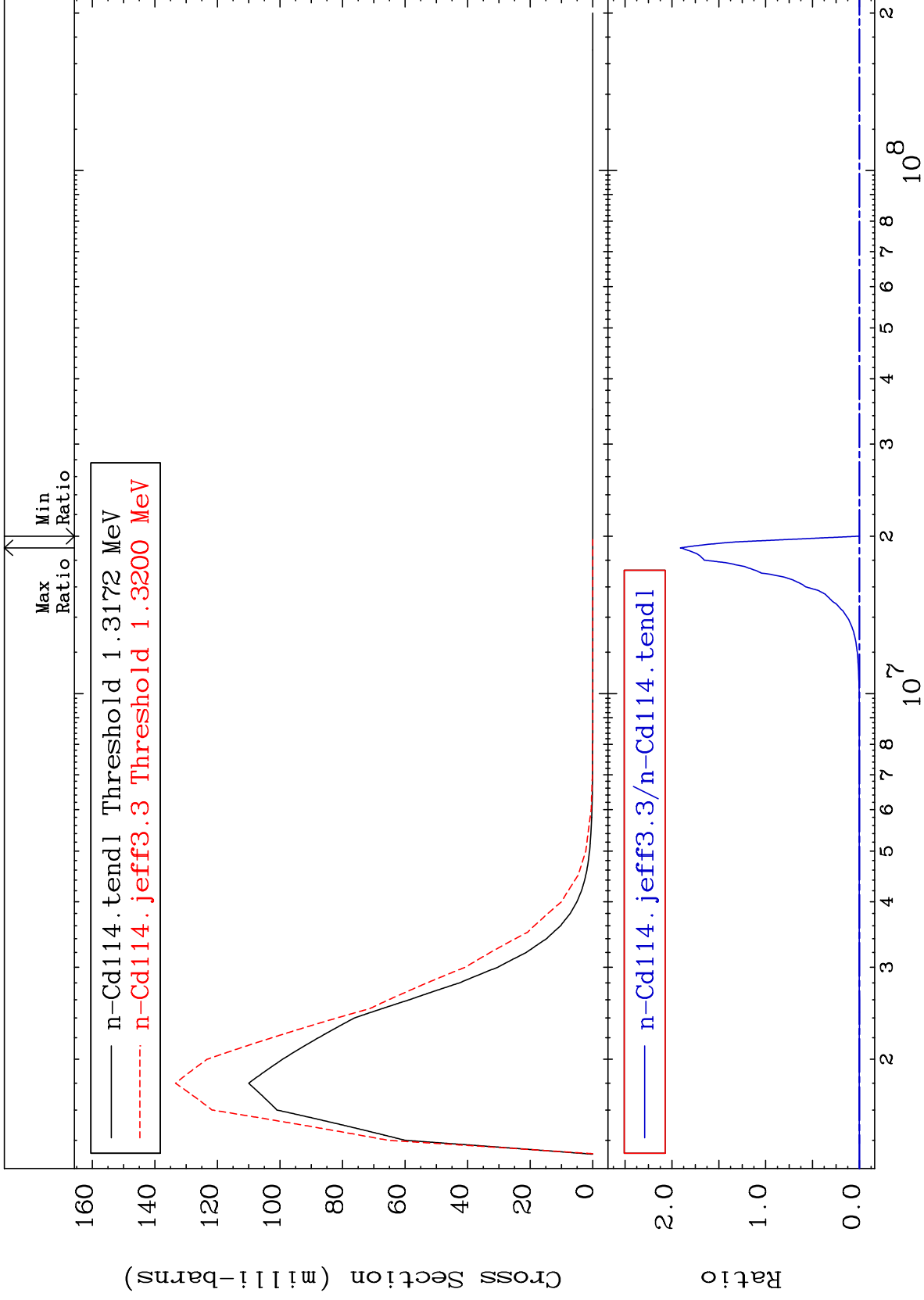
48-Cd-114  
-100.0 To 16.49 %



MAT 4849

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

48-Cd-114  
-100.0 To 9999. %



14

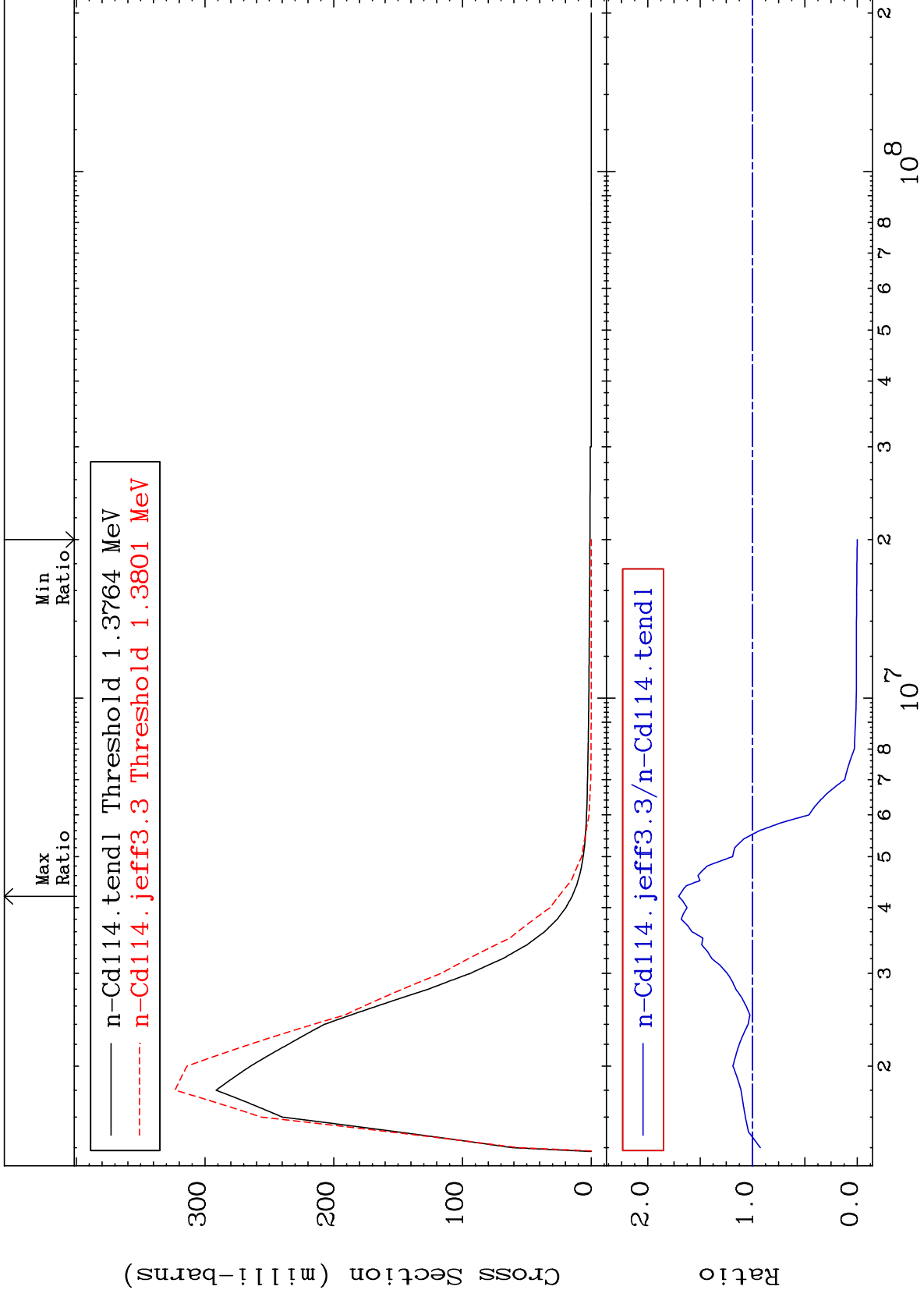
Incident Energy (eV)

48-Cd-114

MAT 4849

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

48-Cd-114  
-100.0 To 70.51 %



15

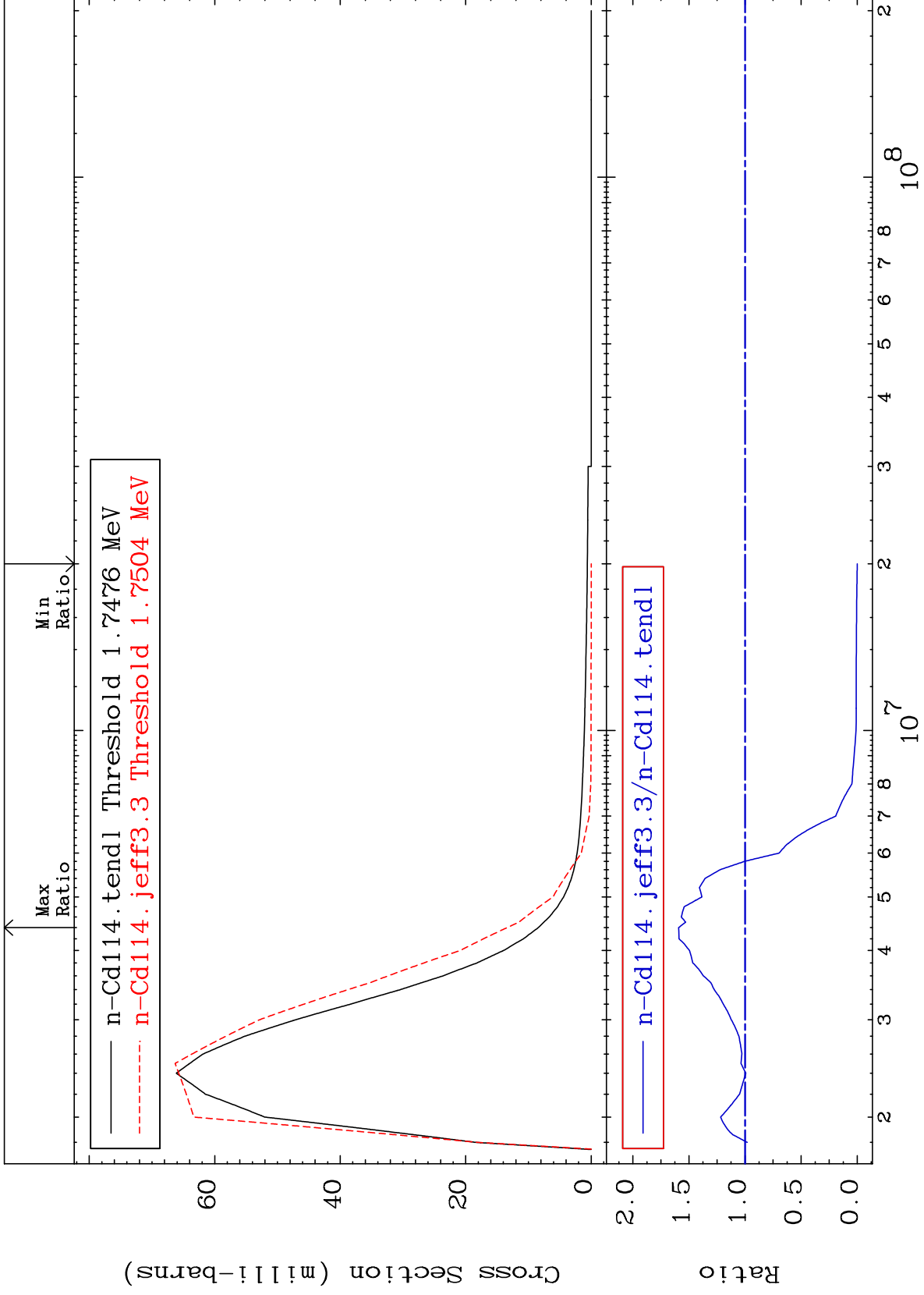
48-Cd-114

48-Cd-114

MAT 4849

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

48-Cd-114  
-100.0 To 59.19 %

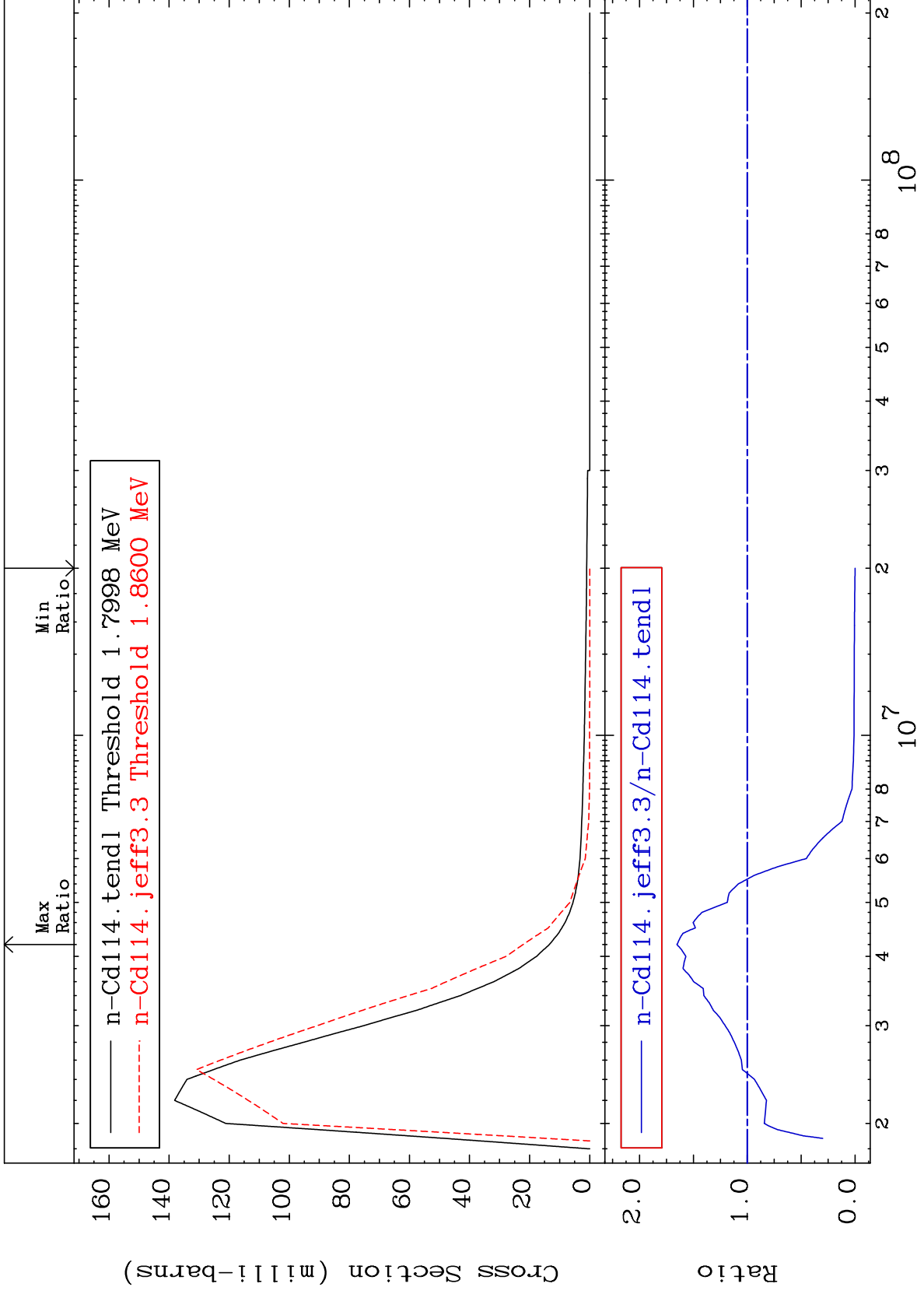




MAT 4849

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

48-Cd-114  
-100.0 To 65.29 %



17

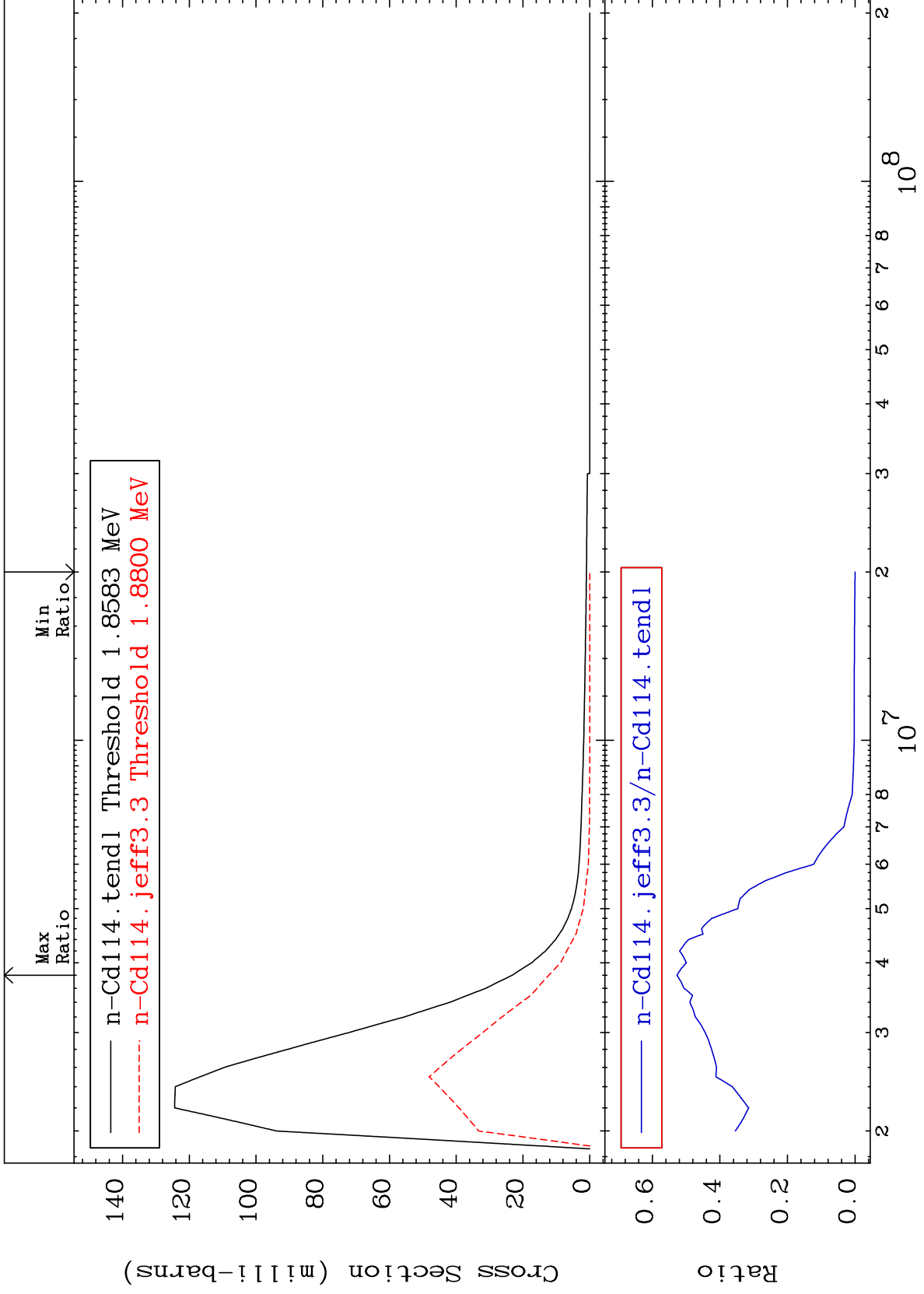
Incident Energy (eV)

48-Cd-114

MAT 4849

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

48-Cd-114  
-100.0 To -47.28%



18

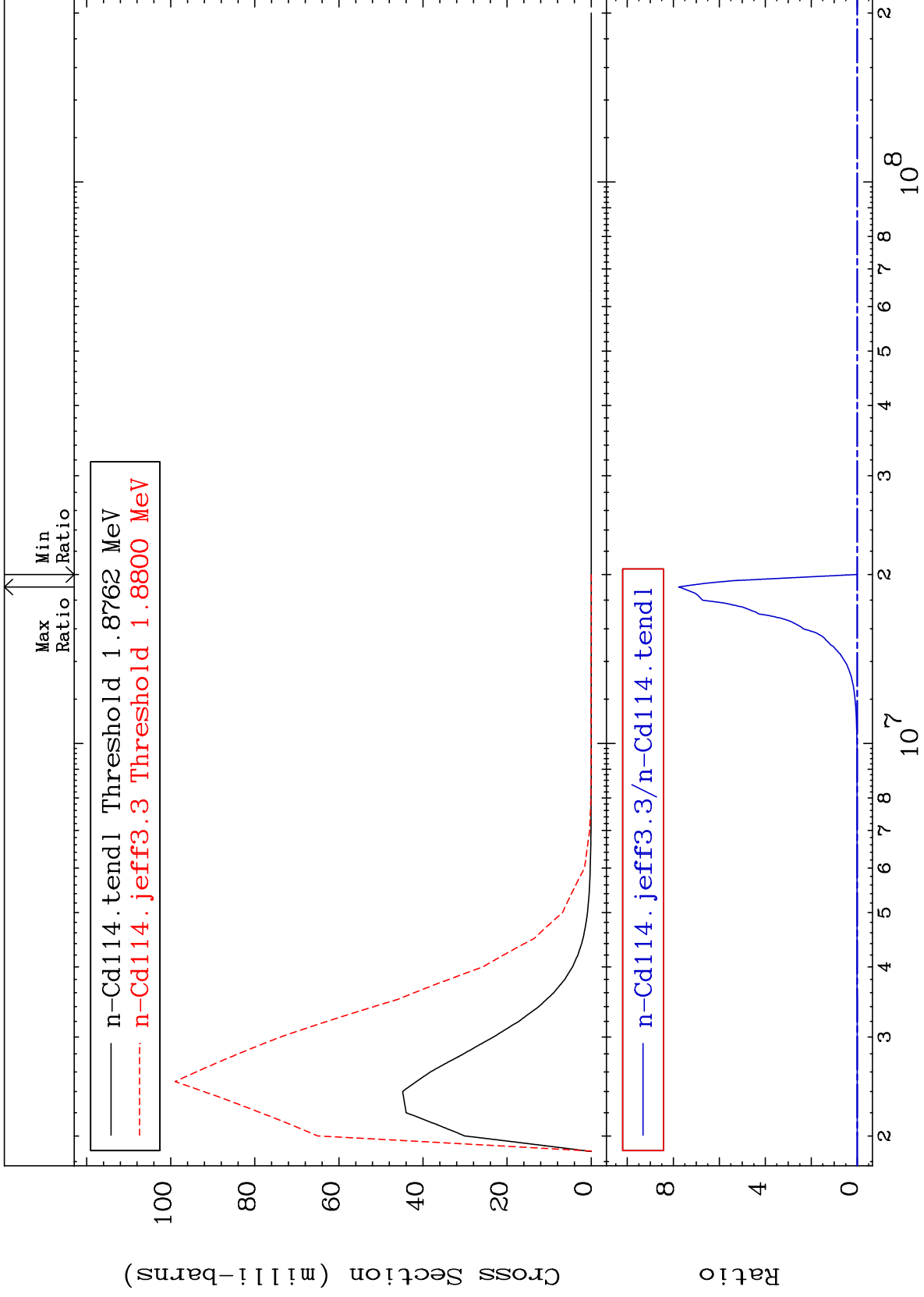
Incident Energy (eV)

48-Cd-114

MAT 4849

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

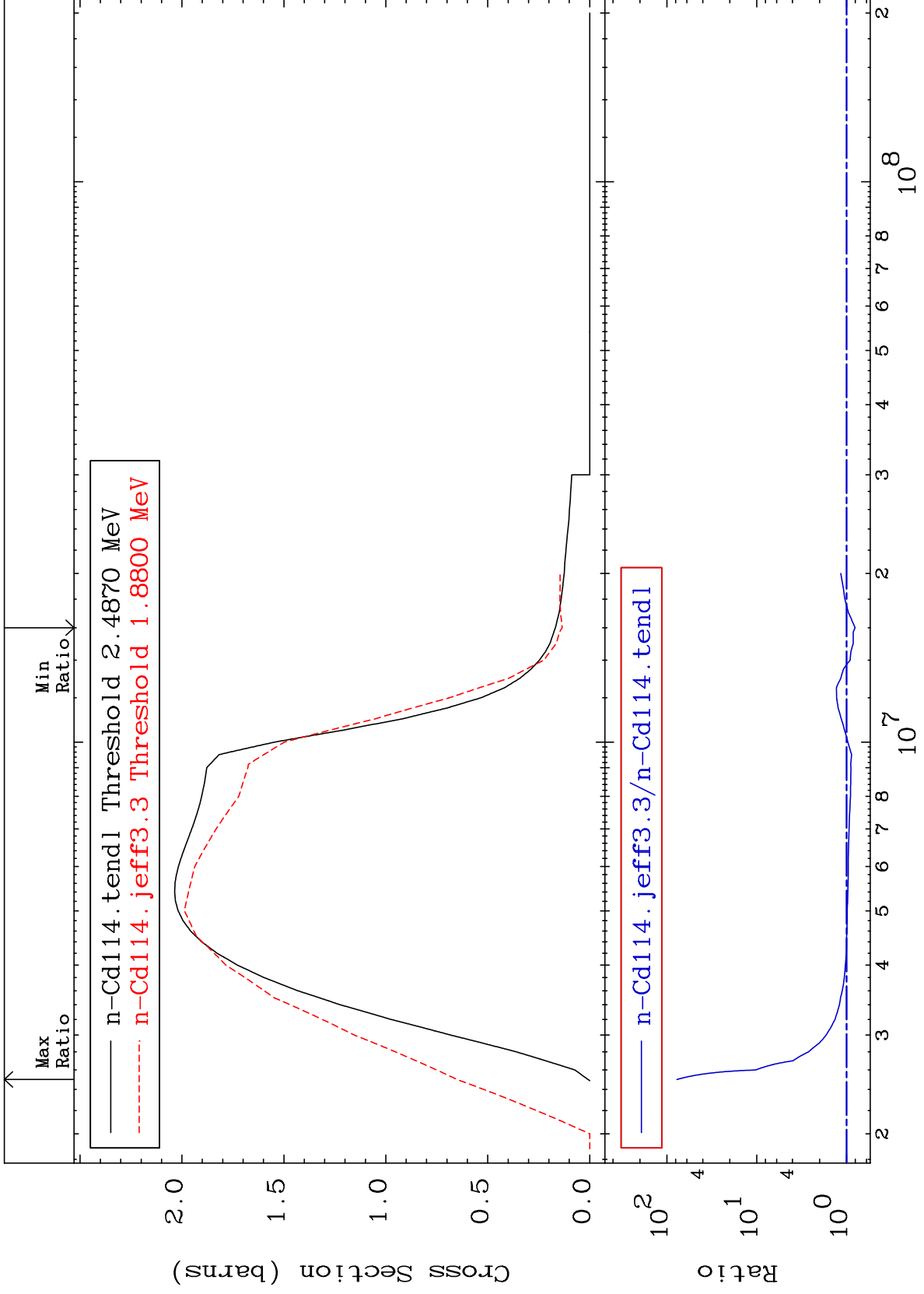
48-Cd-114  
-100.0 To 9999. %



MAT 4849

(n, n') Continuum  
Cross Section

48-Cd-114  
-19.63 To 7654. %



20

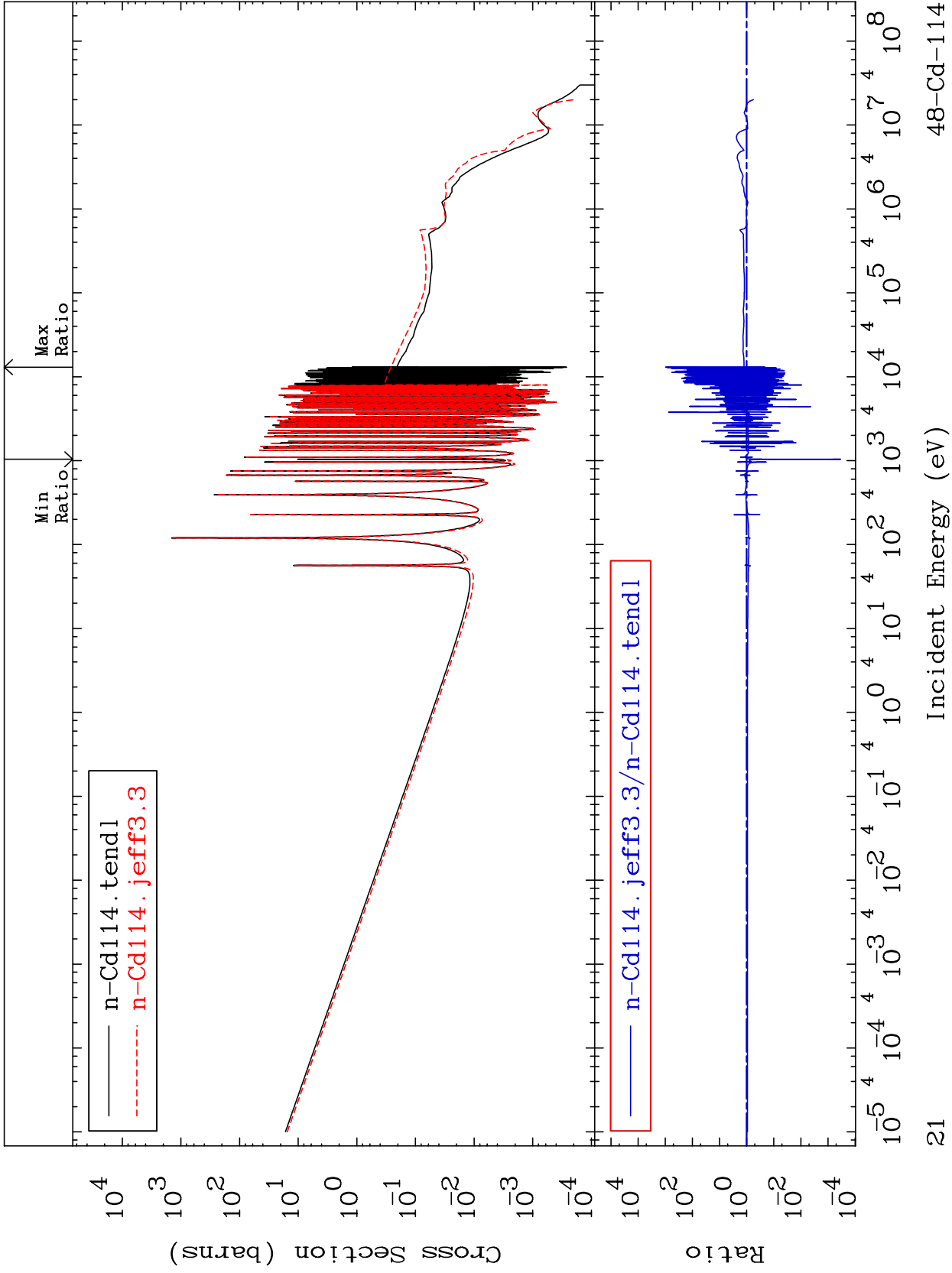
Incident Energy (eV)

48-Cd-114

MAT 4849

(n,  $\gamma$ )  
Cross Section

48-Cd-114  
-99.97 To 9999. %



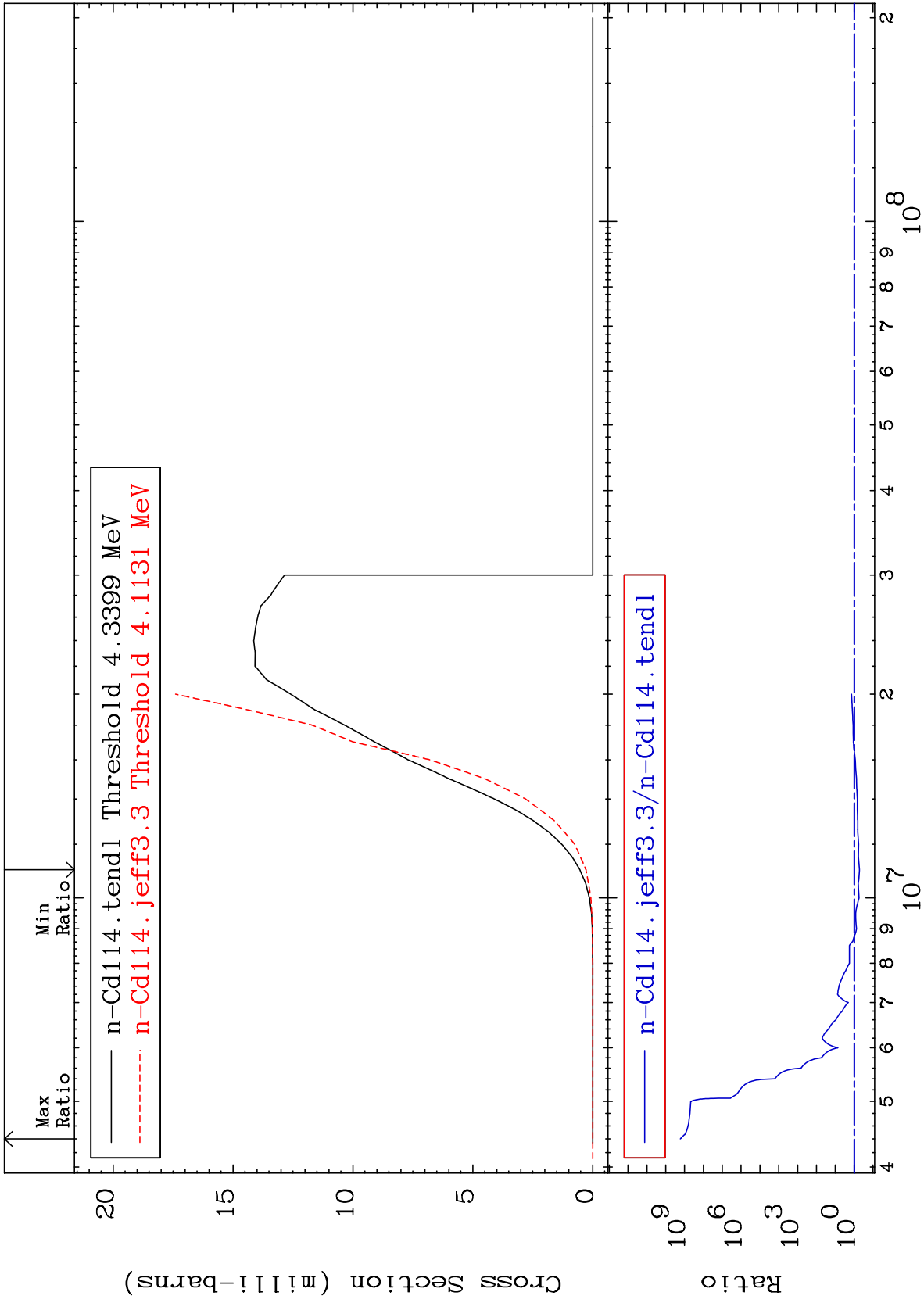
MAT 4849

(n,p)

48-Cd-114

Cross Section

-47.58 To 9999. %



22

Incident Energy (eV)

48-Cd-114

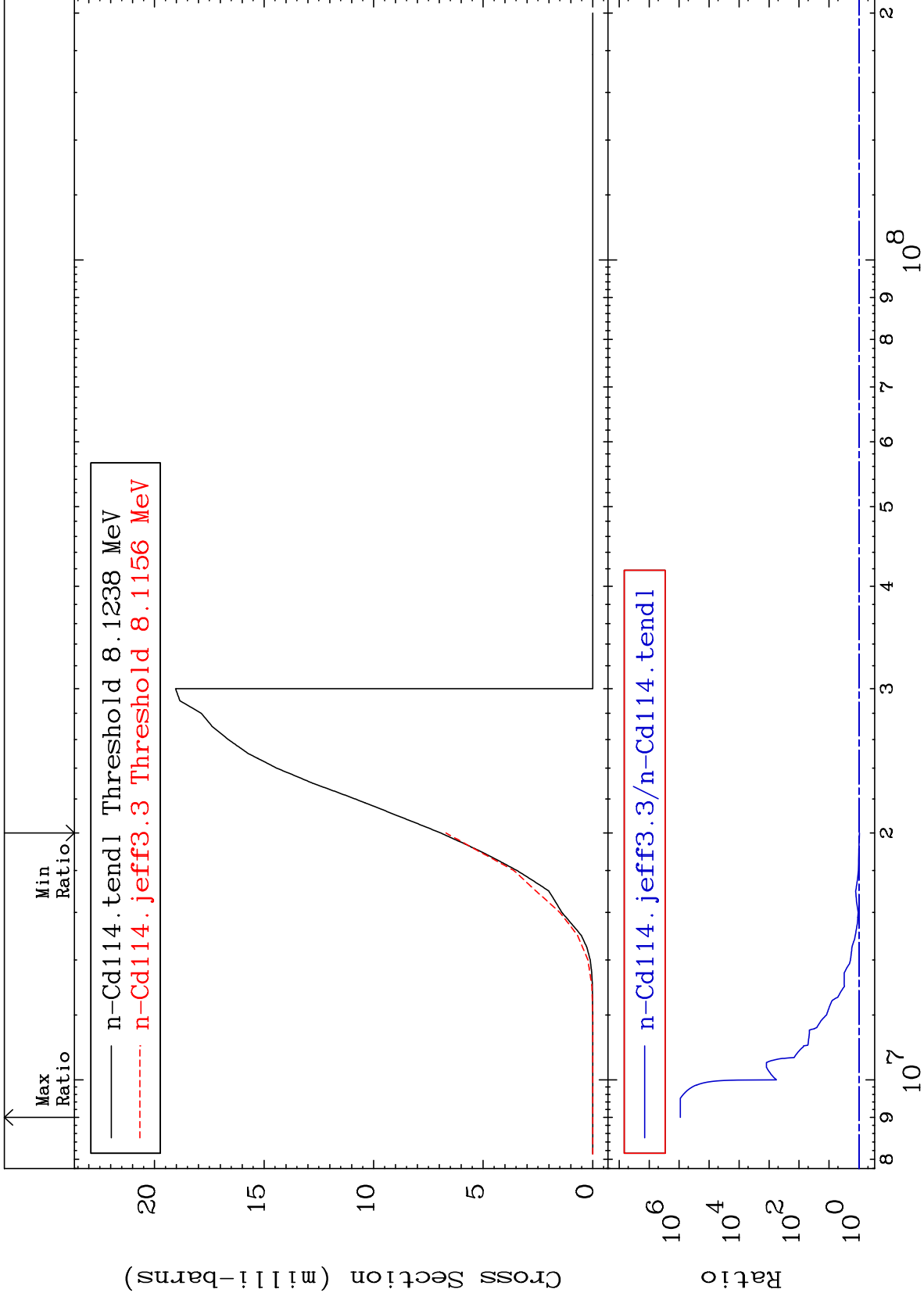
MAT 4849

(n, d)

48-Cd-114

Cross Section

-3.394 To 9999. %



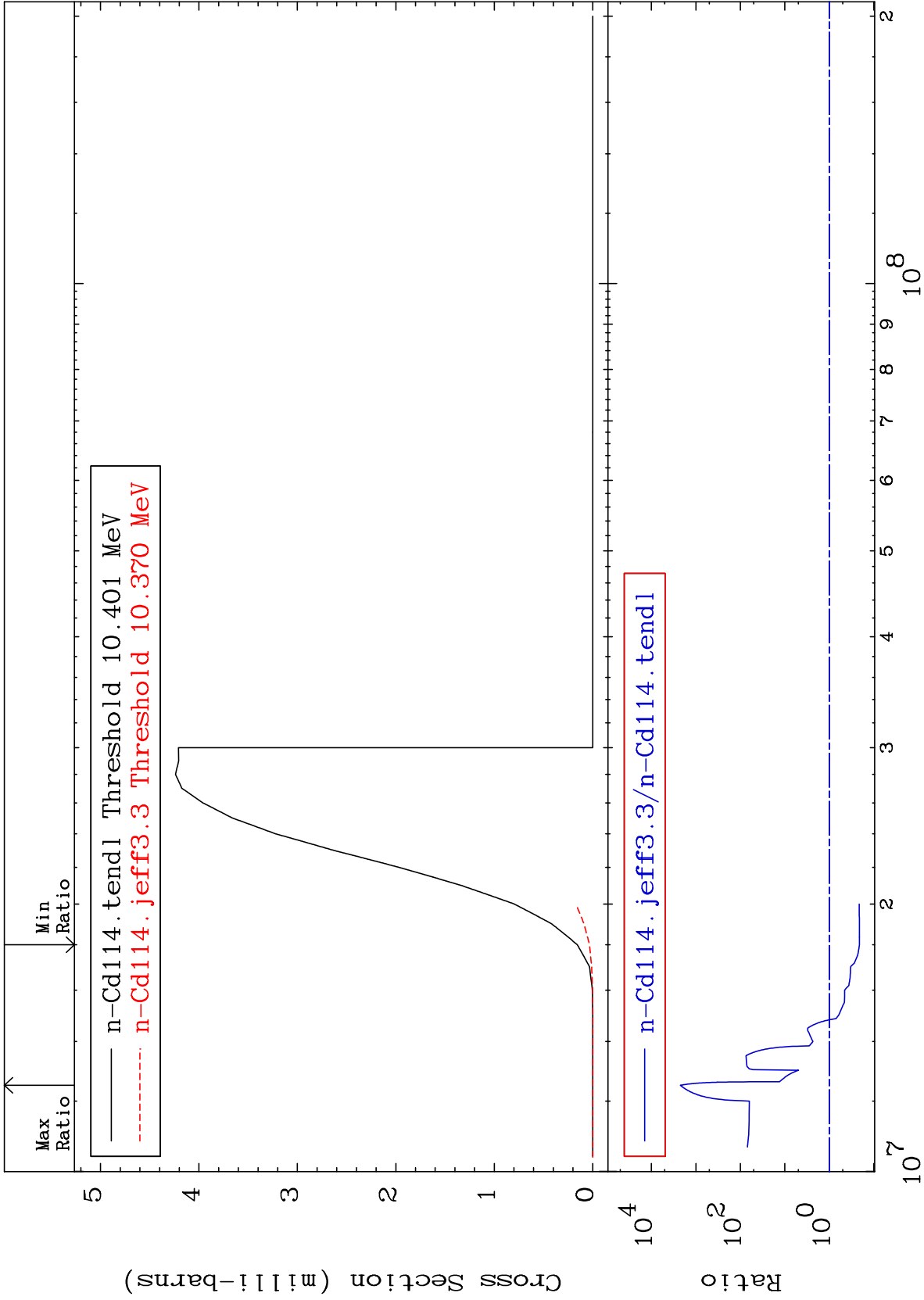
MAT 4849

(n, t)

48-Cd-114

Cross Section

-78.89 To 9999. %



24

Incident Energy (eV)

48-Cd-114



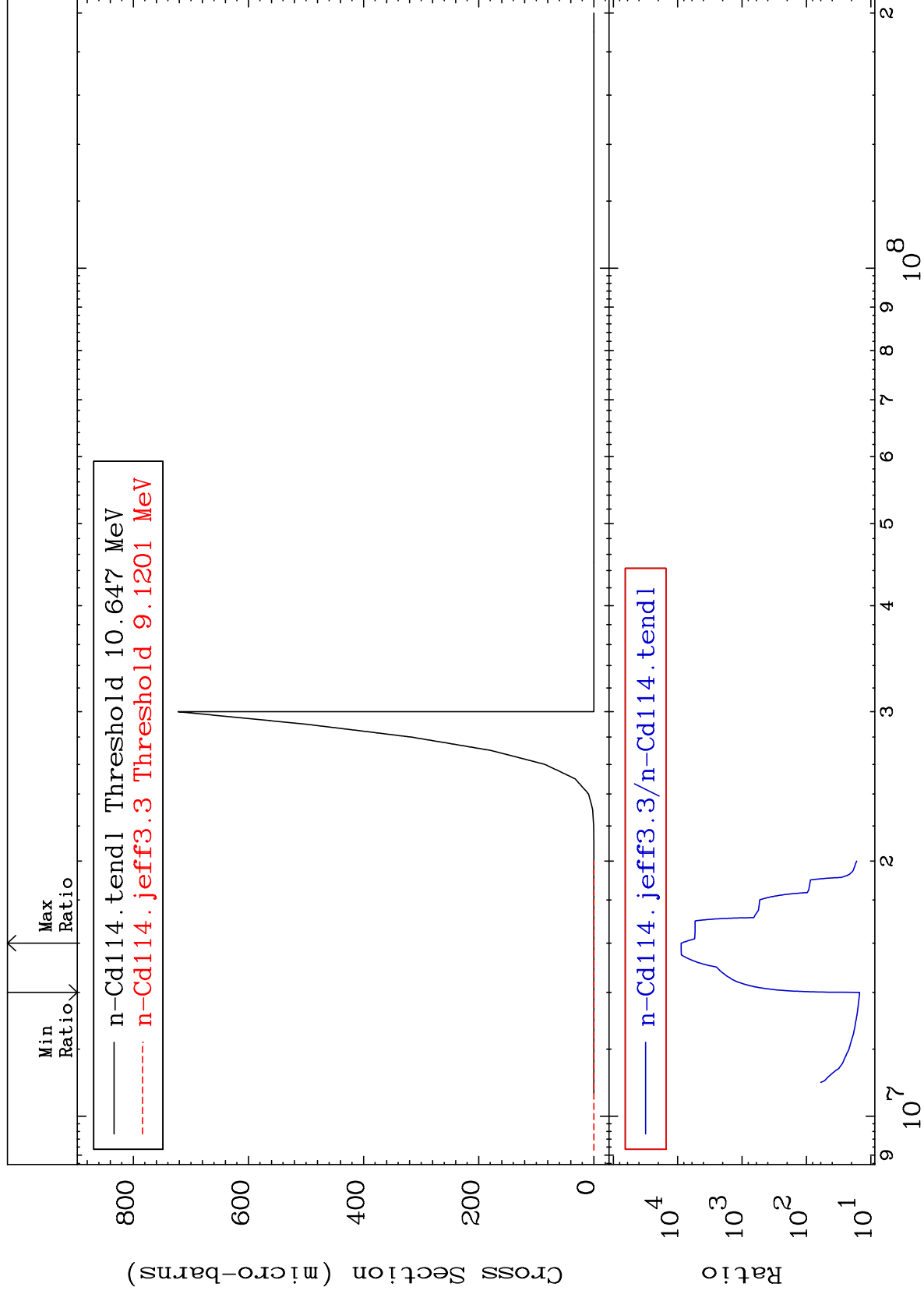
MAT 4849

(n,He-3)

48-Cd-114

Cross Section

1395. To 9999. %



25

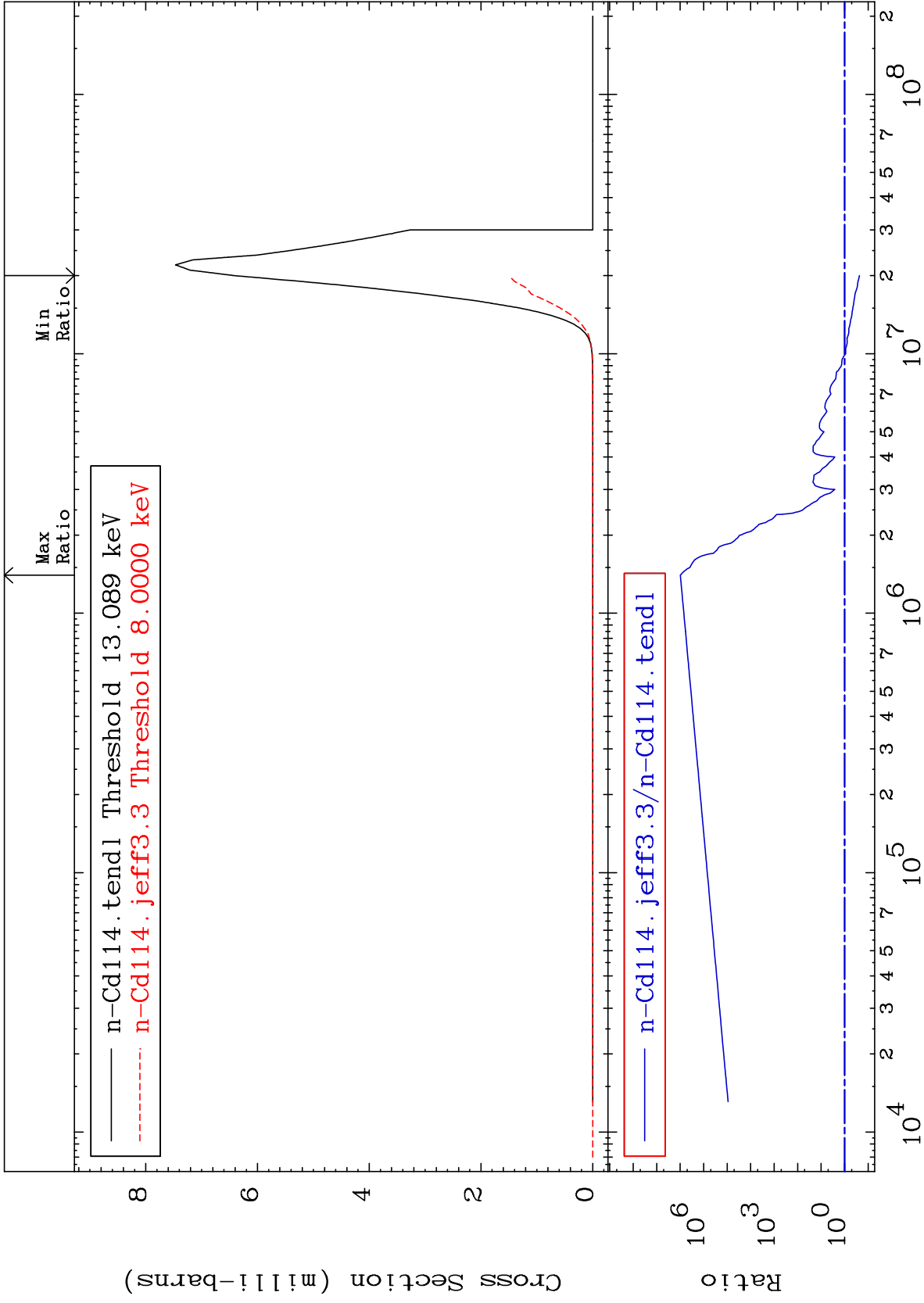
Incident Energy (eV)

48-Cd-114

MAT 4849

(n,  $\alpha$ )  
Cross Section

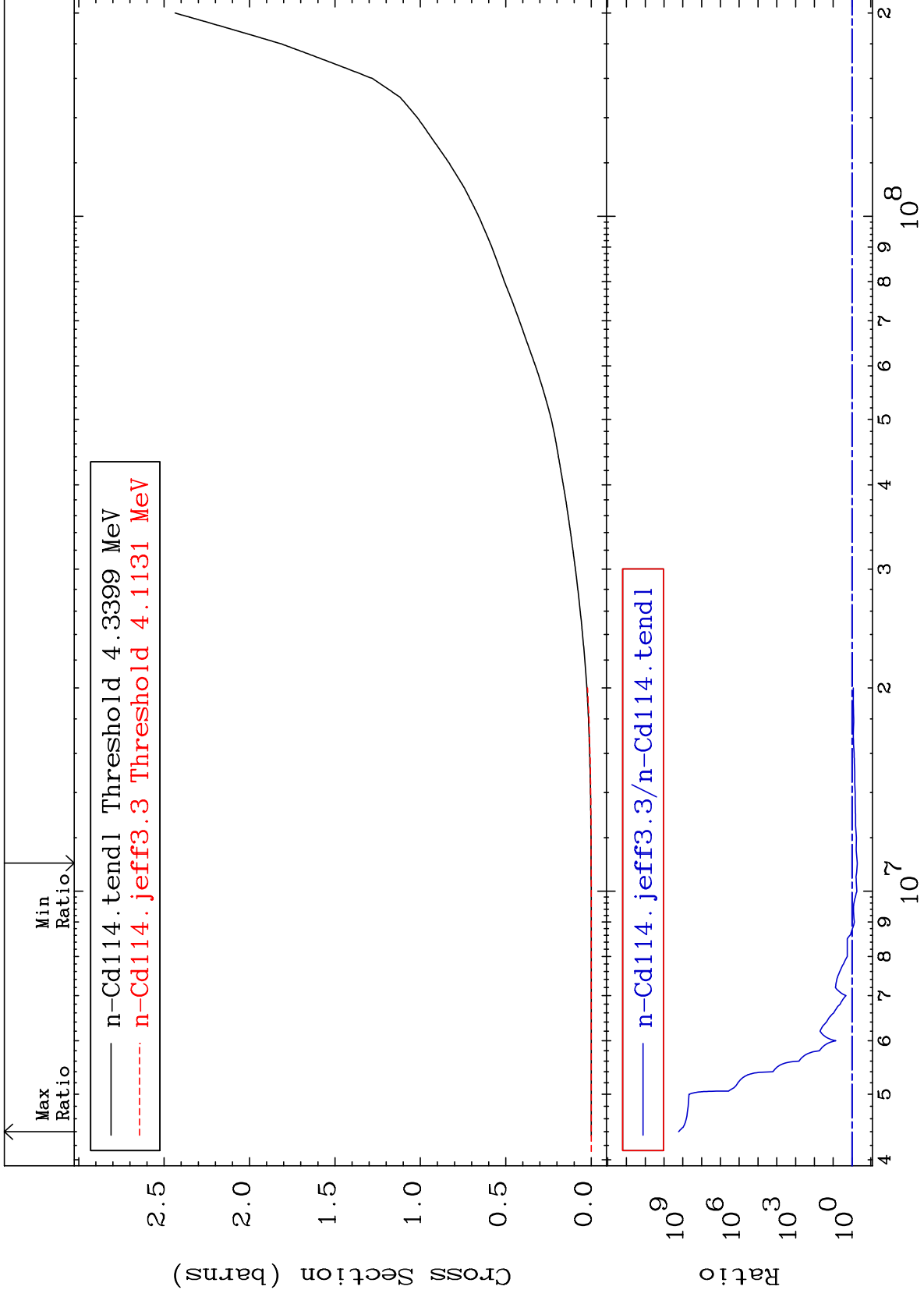
48-Cd-114  
-76.62 To 9999. %



MAT 4849

Hydrogen Production  
Cross Section

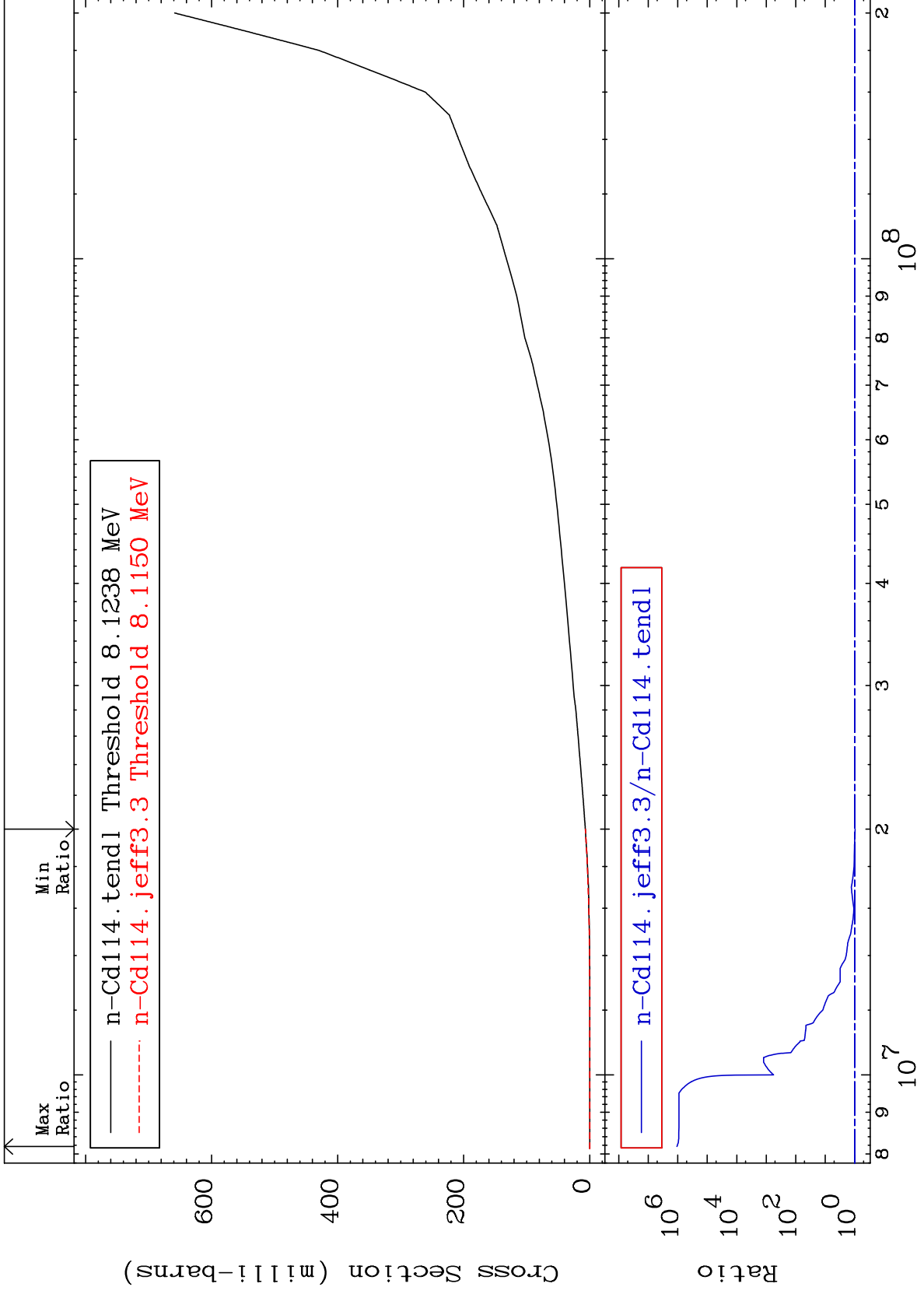
48-Cd-114  
-47.58 To 9999. %



MAT 4849

Deuterium Production  
Cross Section

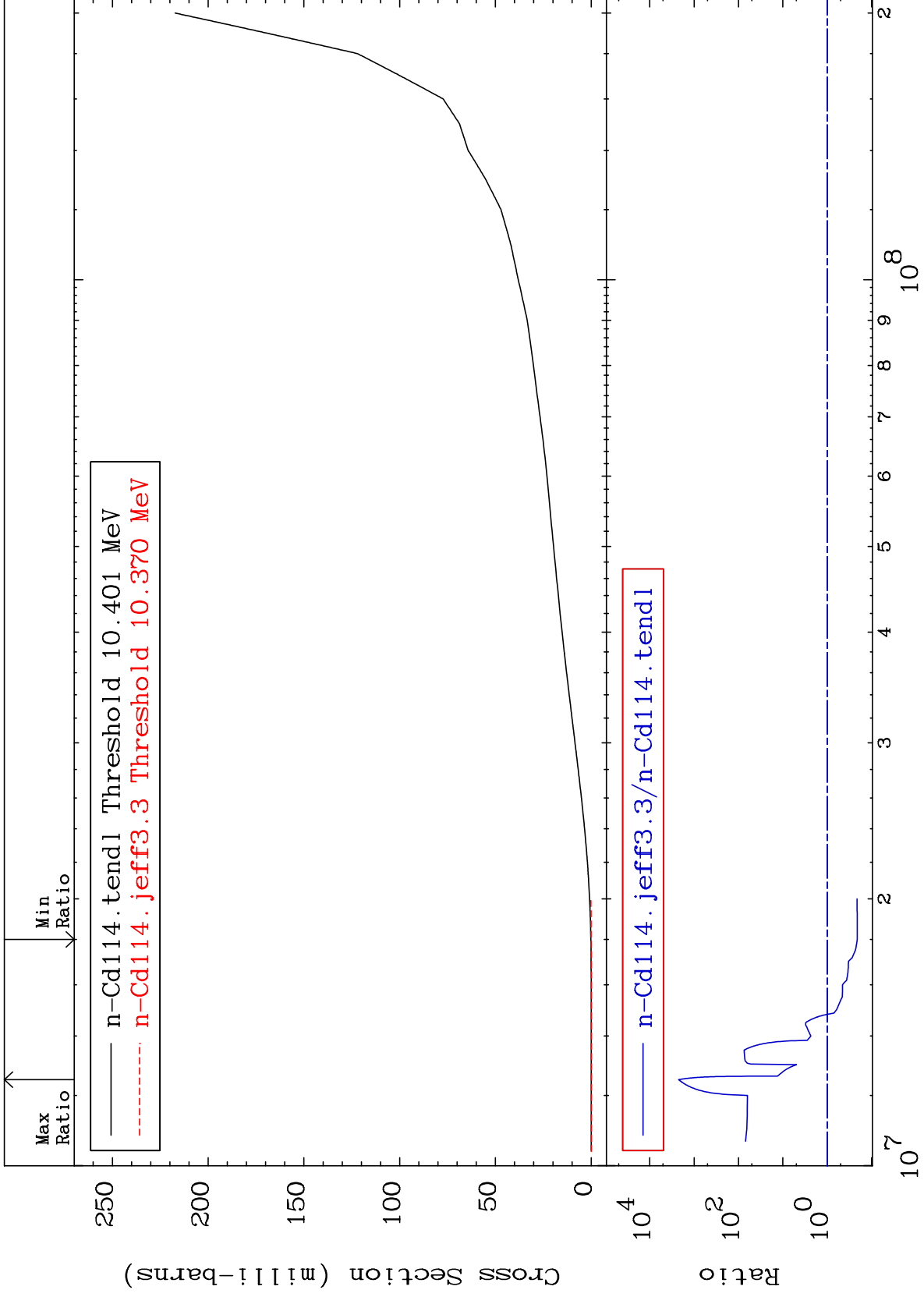
48-Cd-114  
-3.394 To 9999. %



MAT 4849

Tritium Production  
Cross Section

48-Cd-114  
-78.89 To 9999. %



29

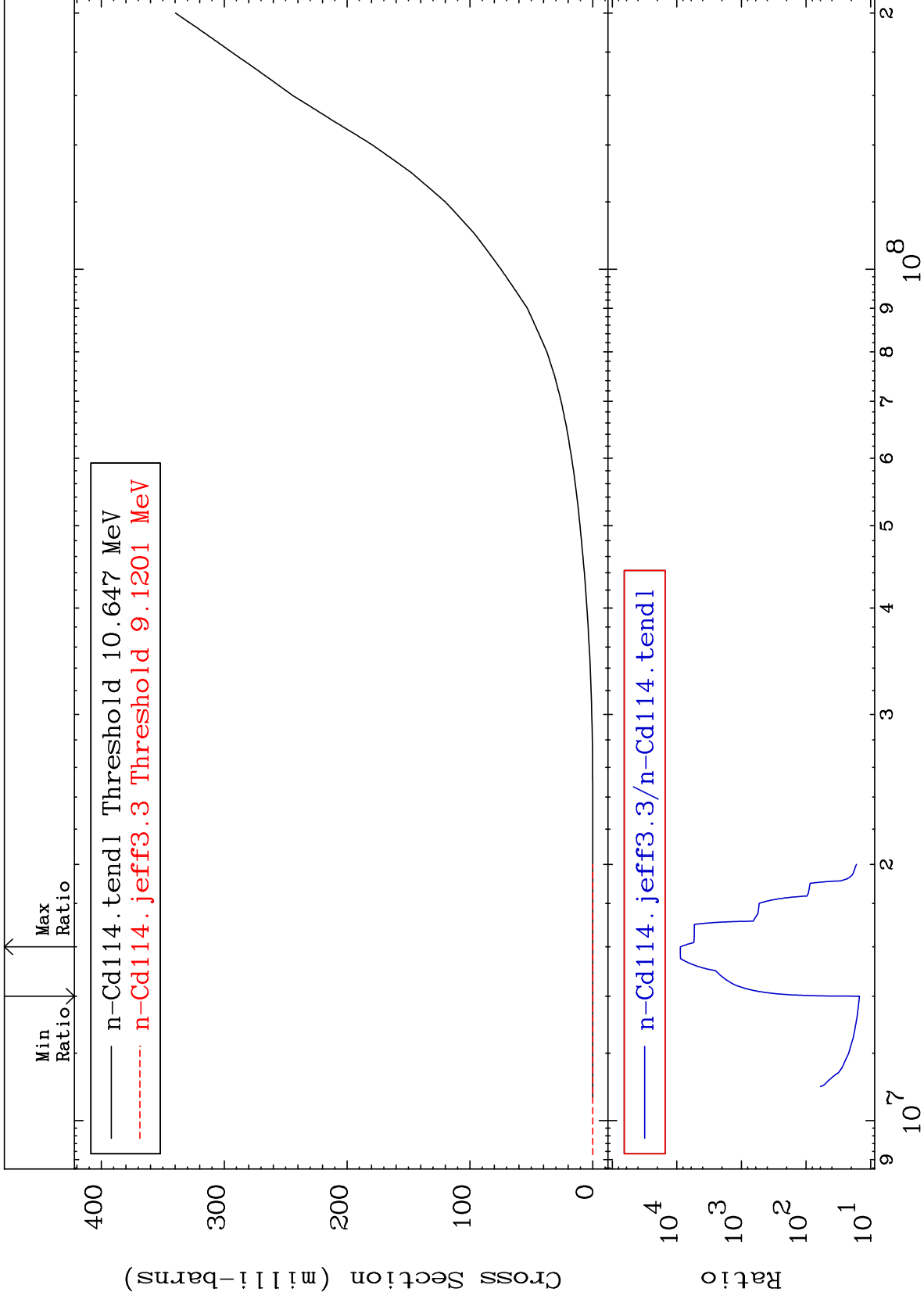
Incident Energy (eV)

48-Cd-114

MAT 4849

He-3 Production  
Cross Section

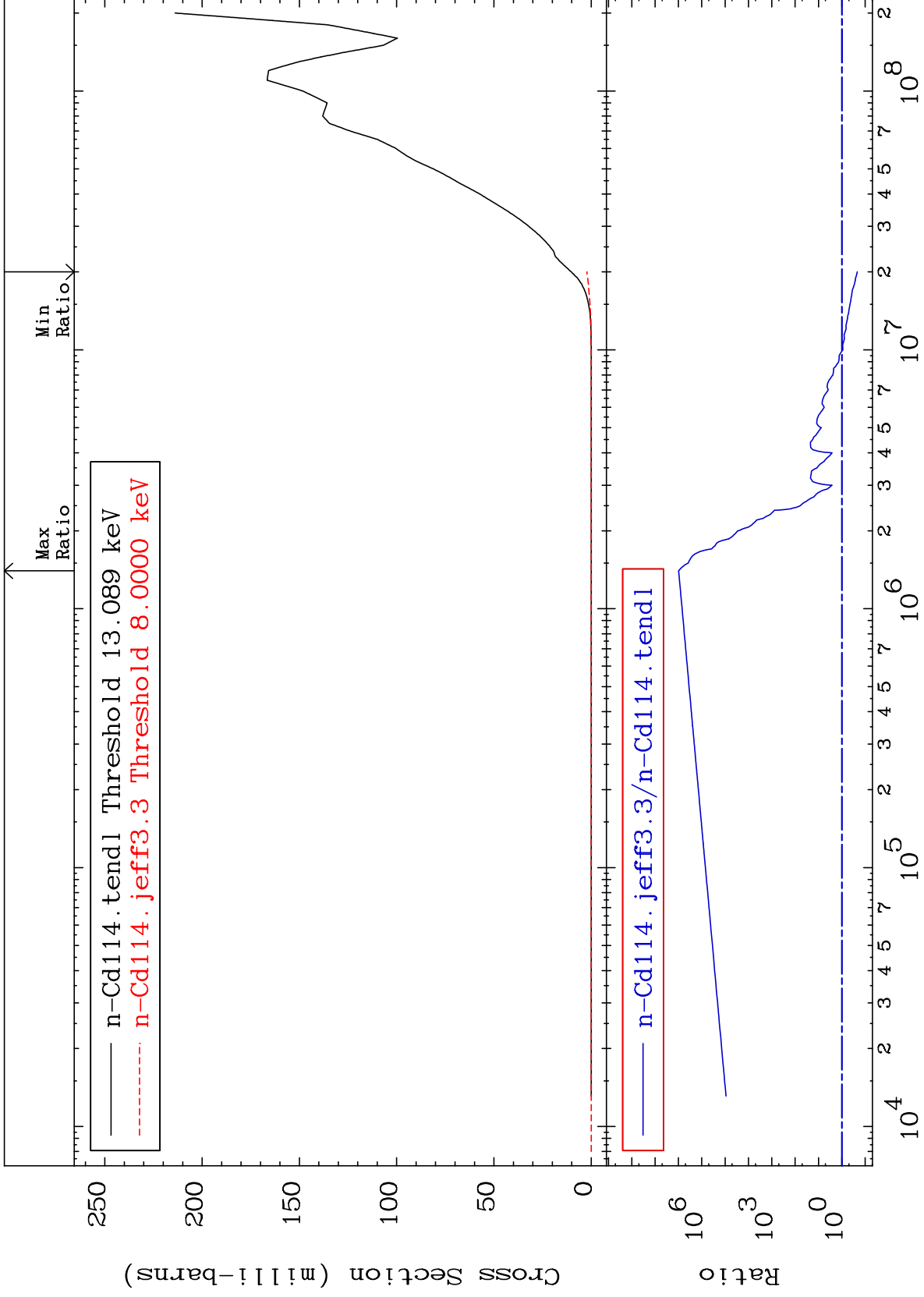
48-Cd-114  
1395. To 9999. %



30

Incident Energy (eV)

48-Cd-114



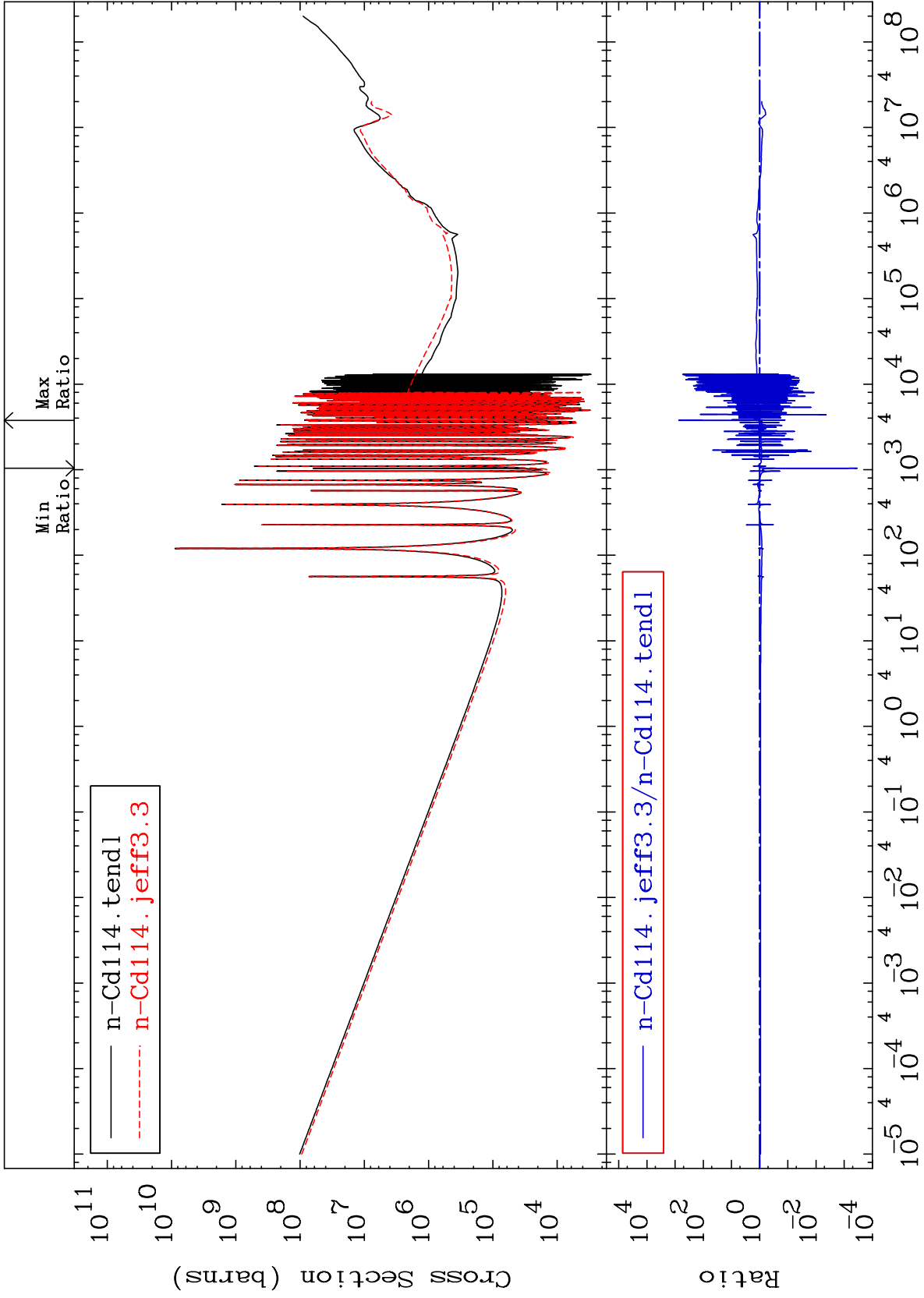
MAT 4849

Kerma total (eV-barns)

48-Cd-114

Cross Section

-99.97 To 9999. %



32

Incident Energy (eV)

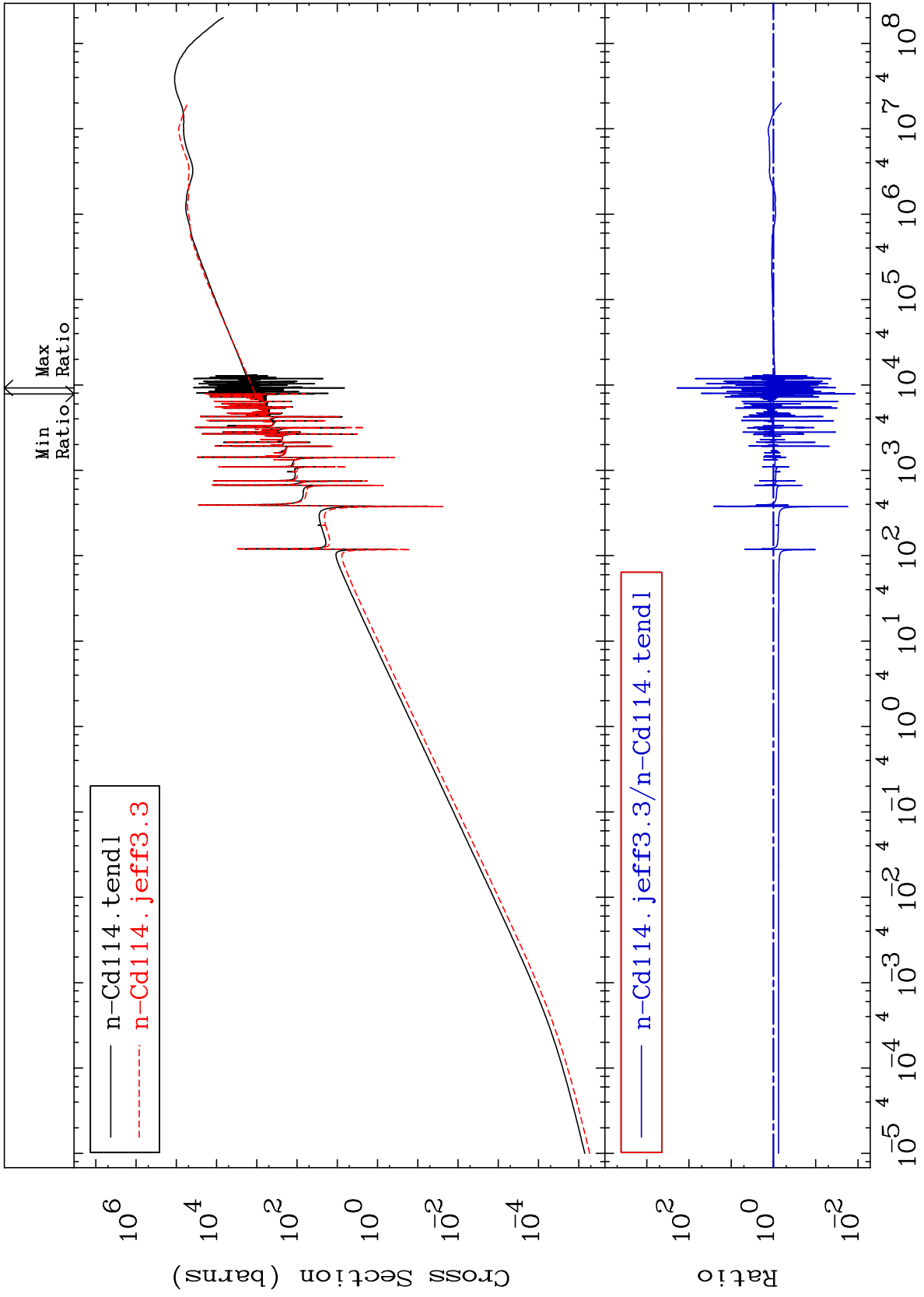
48-Cd-114

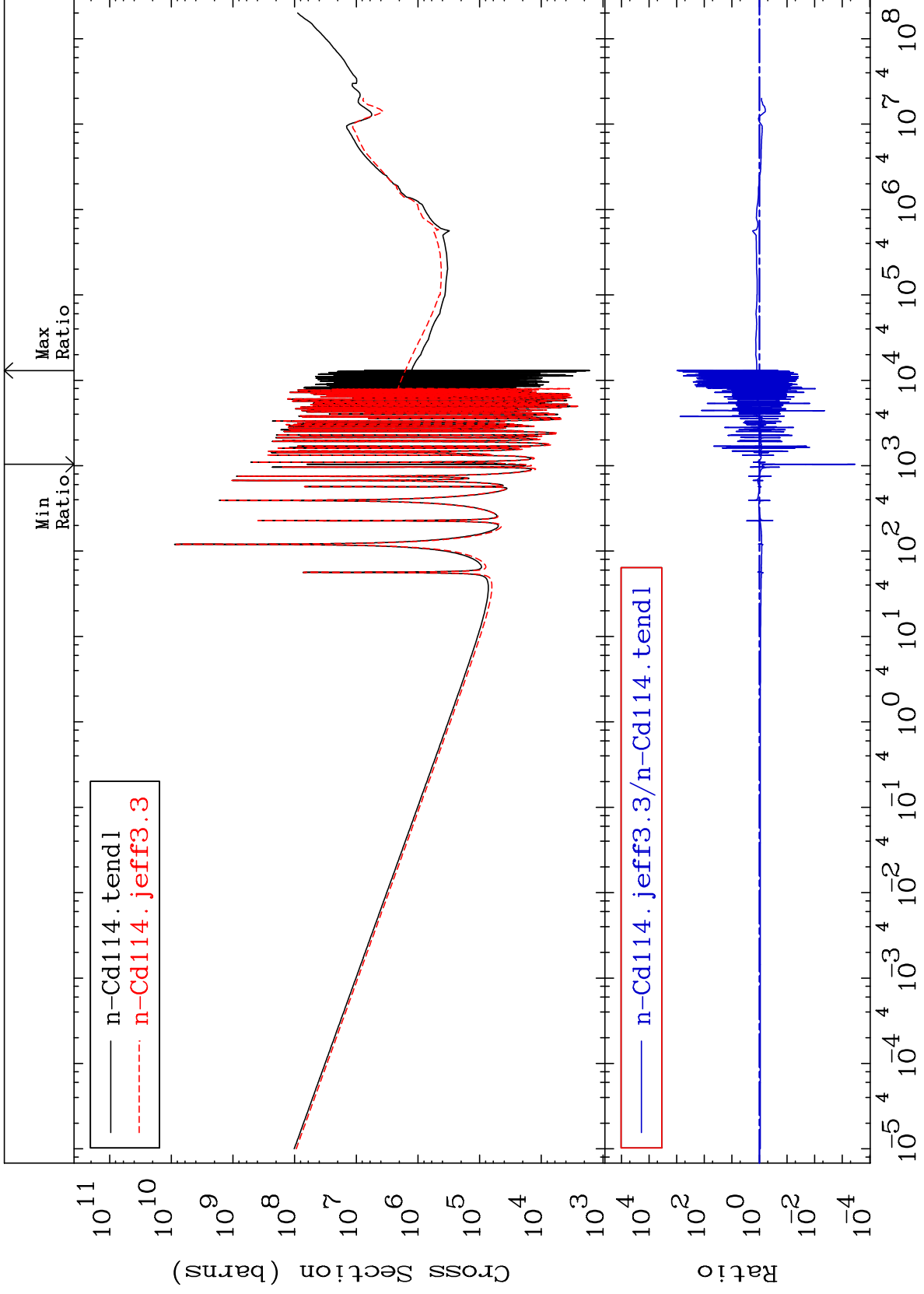


MAT 4849

Kerma elastic  
Cross Section

48-Cd-114  
-98.83 To 9999. %

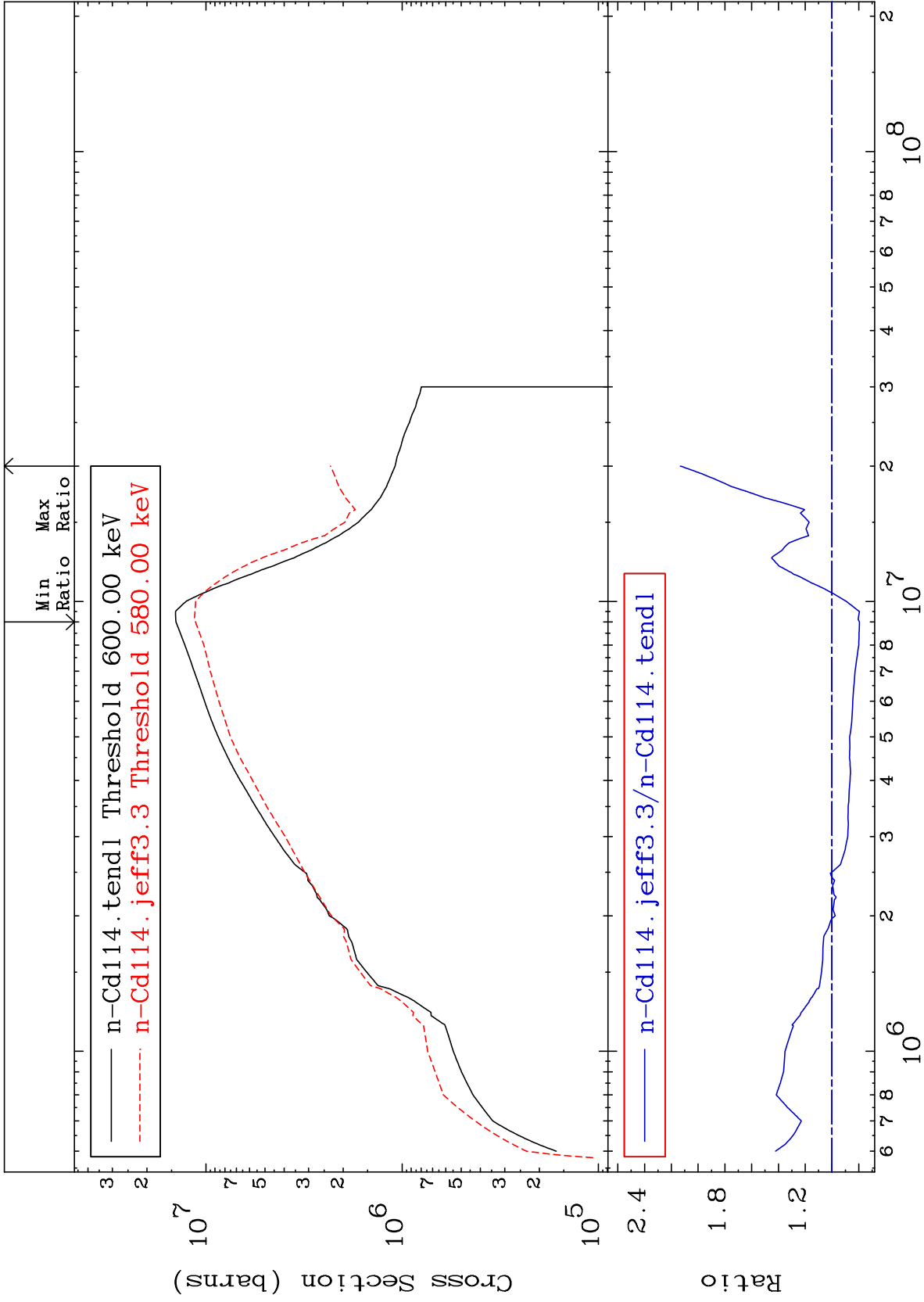




MAT 4849

Kerma inelastic (mt51-91)  
Cross Section

48-Cd-114  
-20.52 To 113.3 %



35

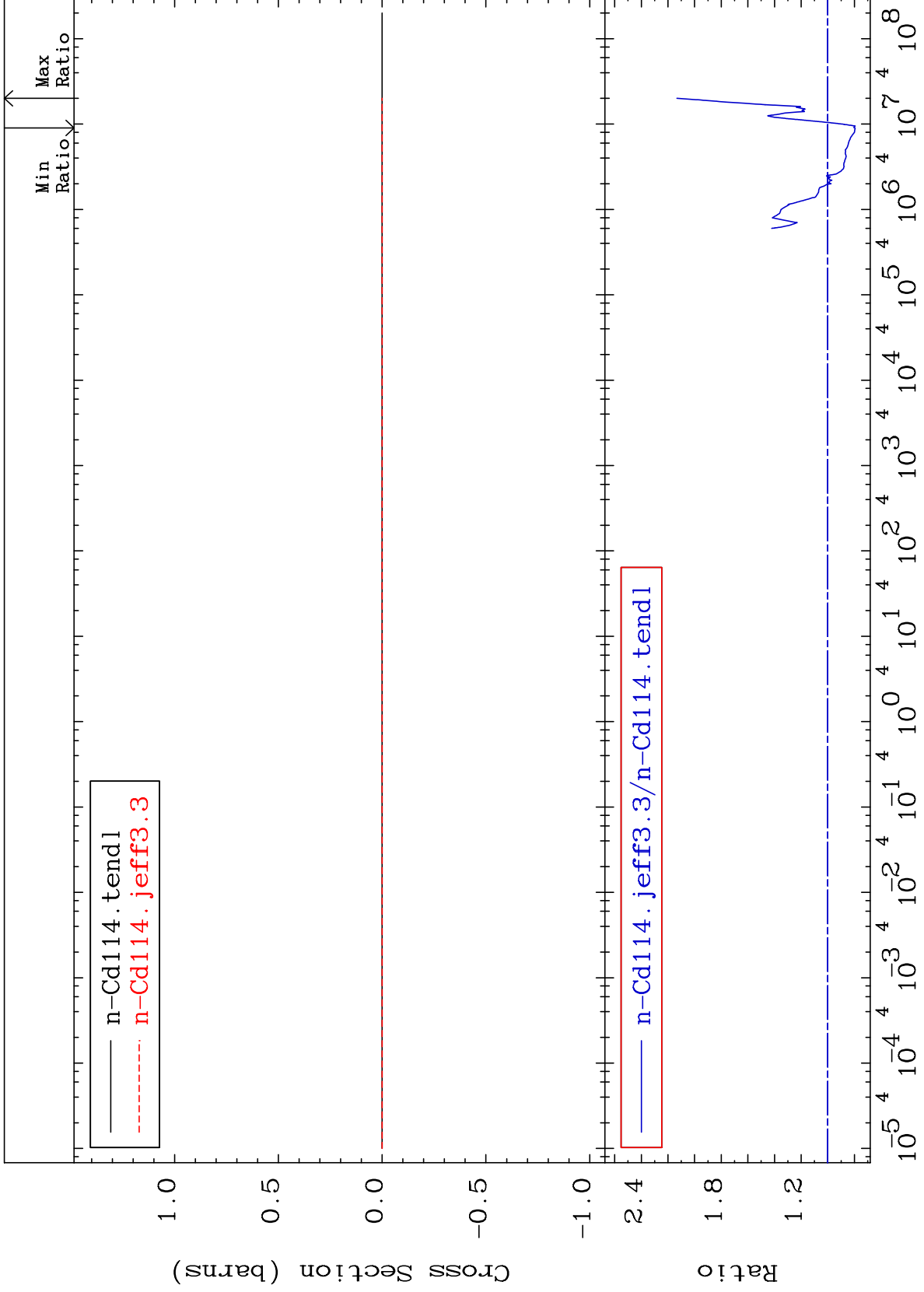
Incident Energy (eV)

48-Cd-114

MAT 4849

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

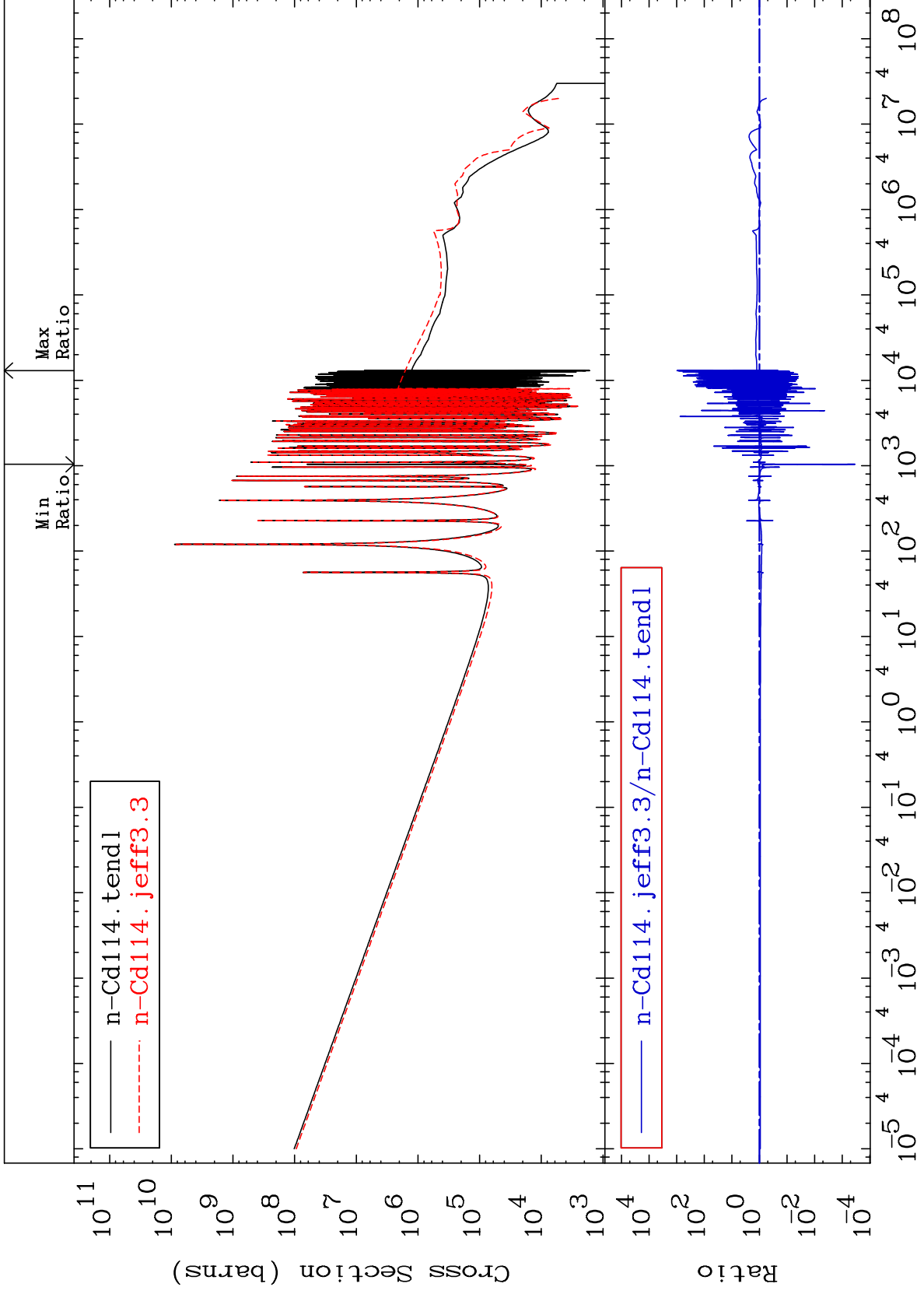
48-Cd-114  
-20.52 To 113.3 %



MAT 4849

Kerma capture (mt102)  
Cross Section

48-Cd-114  
-99.97 To 9999. %



37

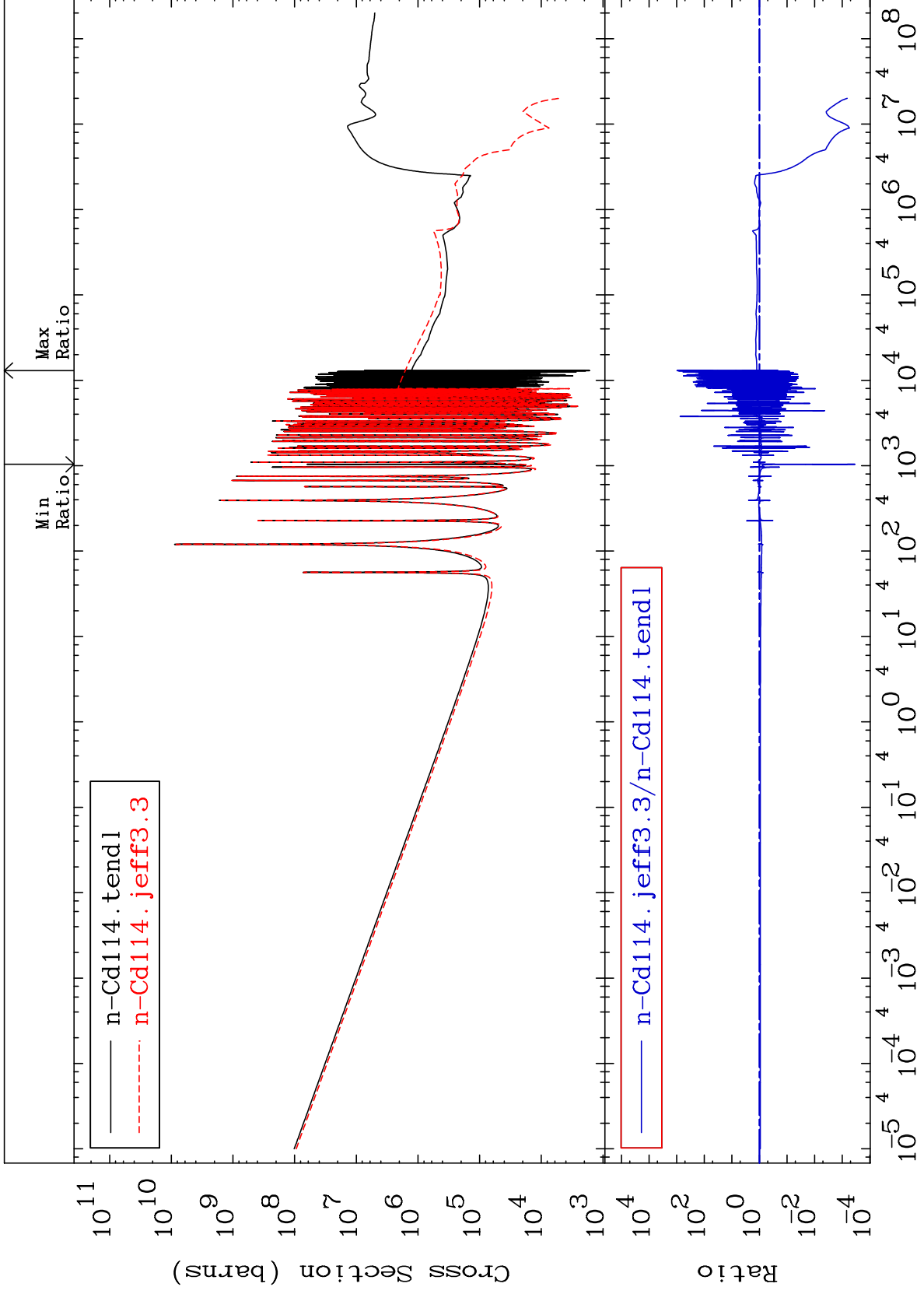
Incident Energy (eV)

48-Cd-114

MAT 4849

Total photon (eV-barns)  
Cross Section

48-Cd-114  
-99.97 To 9999. %



38

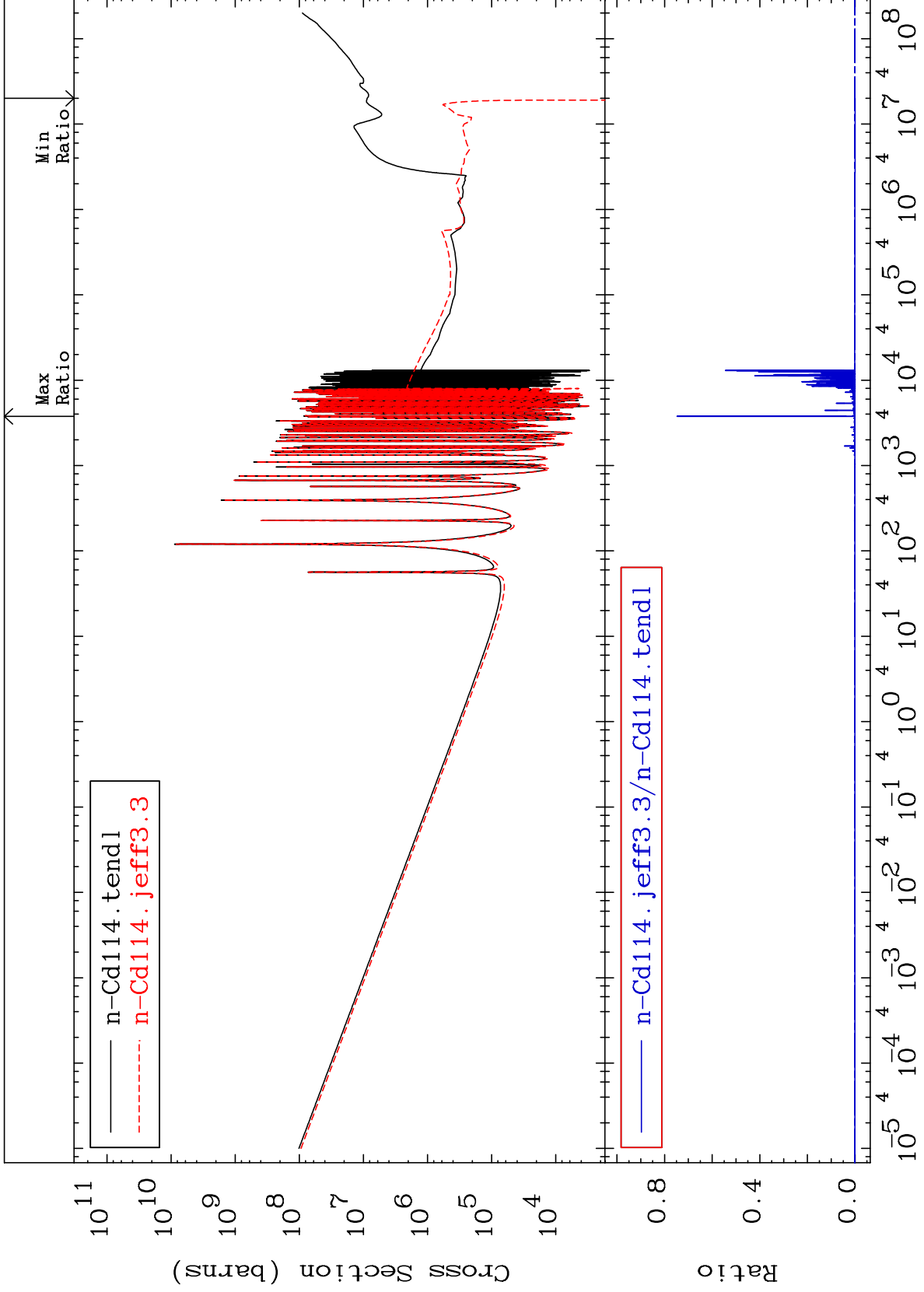
Incident Energy (eV)

48-Cd-114

MAT 4849

Total kinematic kerma (high limit)  
Cross Section

48-Cd-114  
-105.0 To 9999. %



39

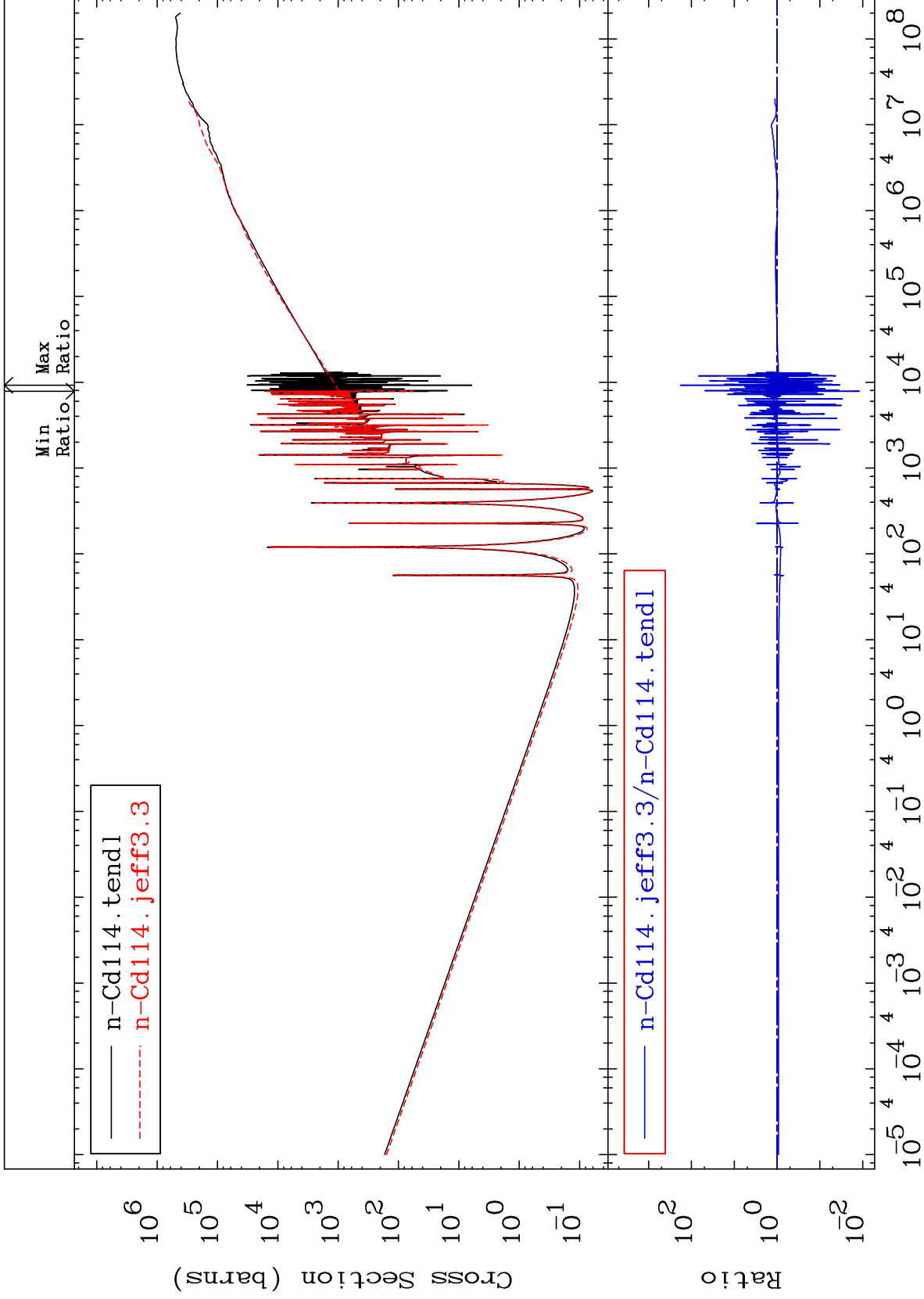
Incident Energy (eV)

48-Cd-114

MAT 4849

Dpa total (eV-barns)  
Cross Section

48-Cd-114  
-98.81 To 9999. %



40

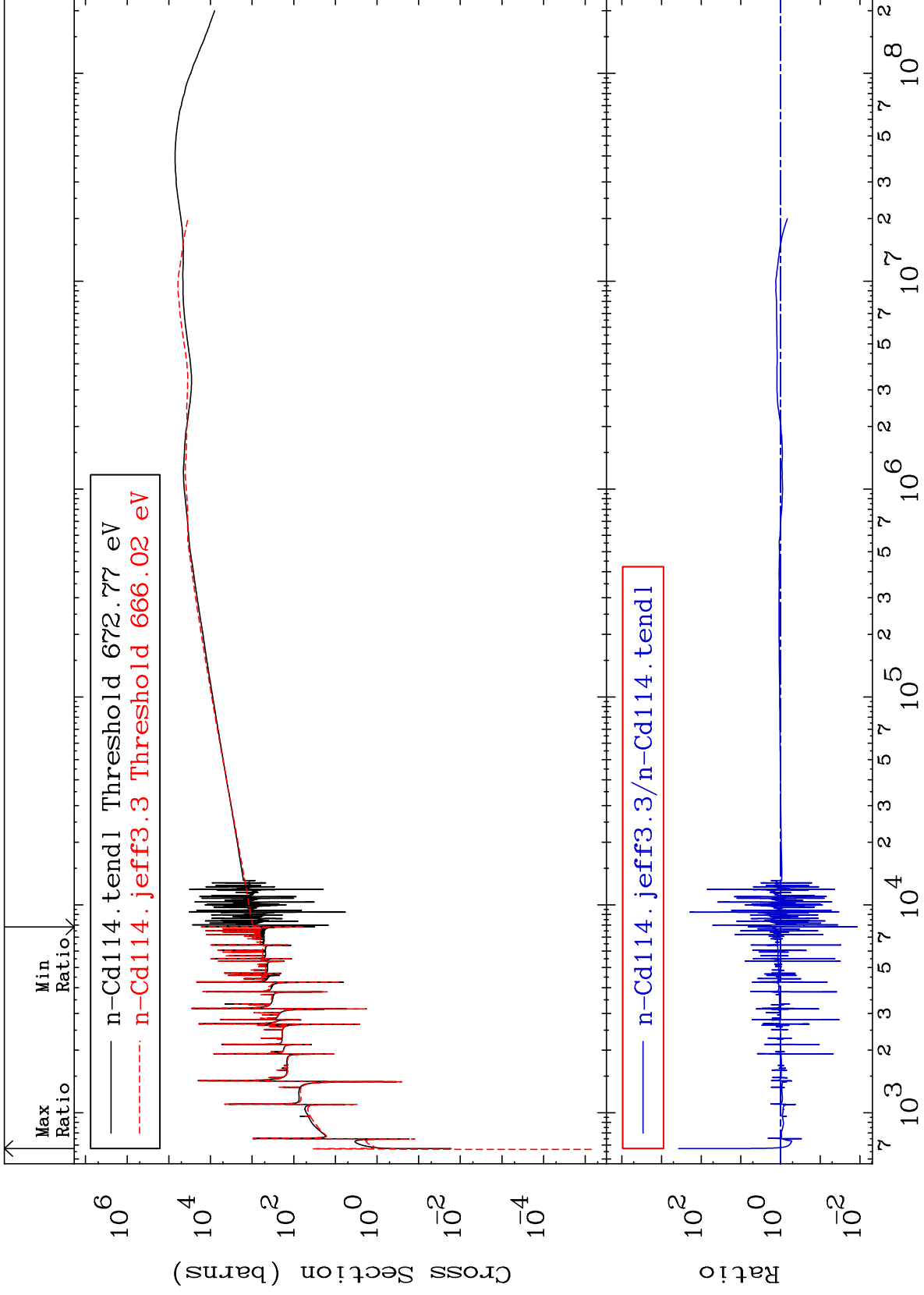
48-Cd-114



MAT 4849

Dpa elastic (mt2)  
Cross Section

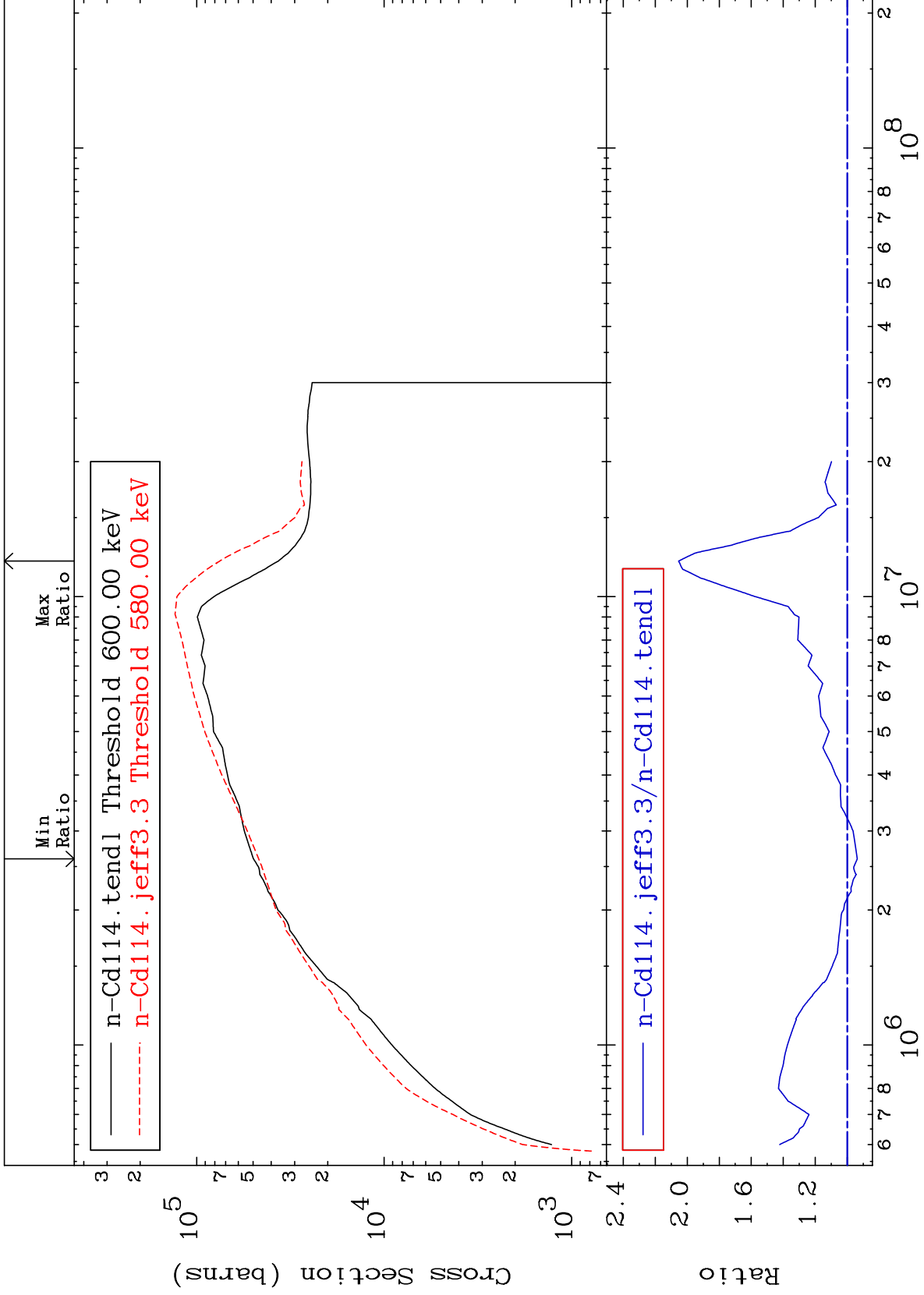
48-Cd-114  
-98.83 To 9999. %



MAT 4849

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-114  
-6.216 To 105.4 %



42

Incident Energy (eV)

48-Cd-114

