

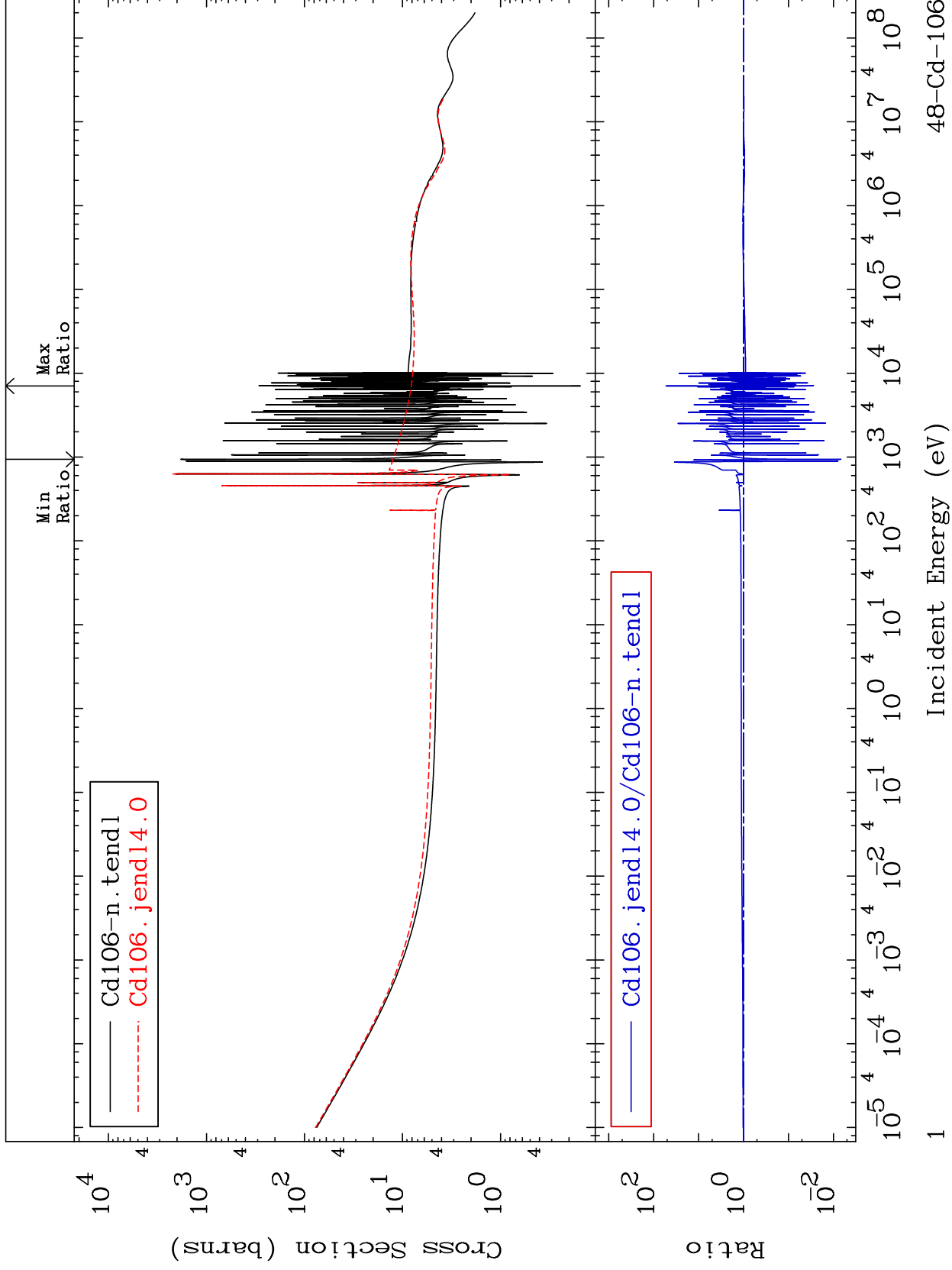
MAT 4825

Total

48-Cd-106

Cross Section

-99.32 To 5213. %



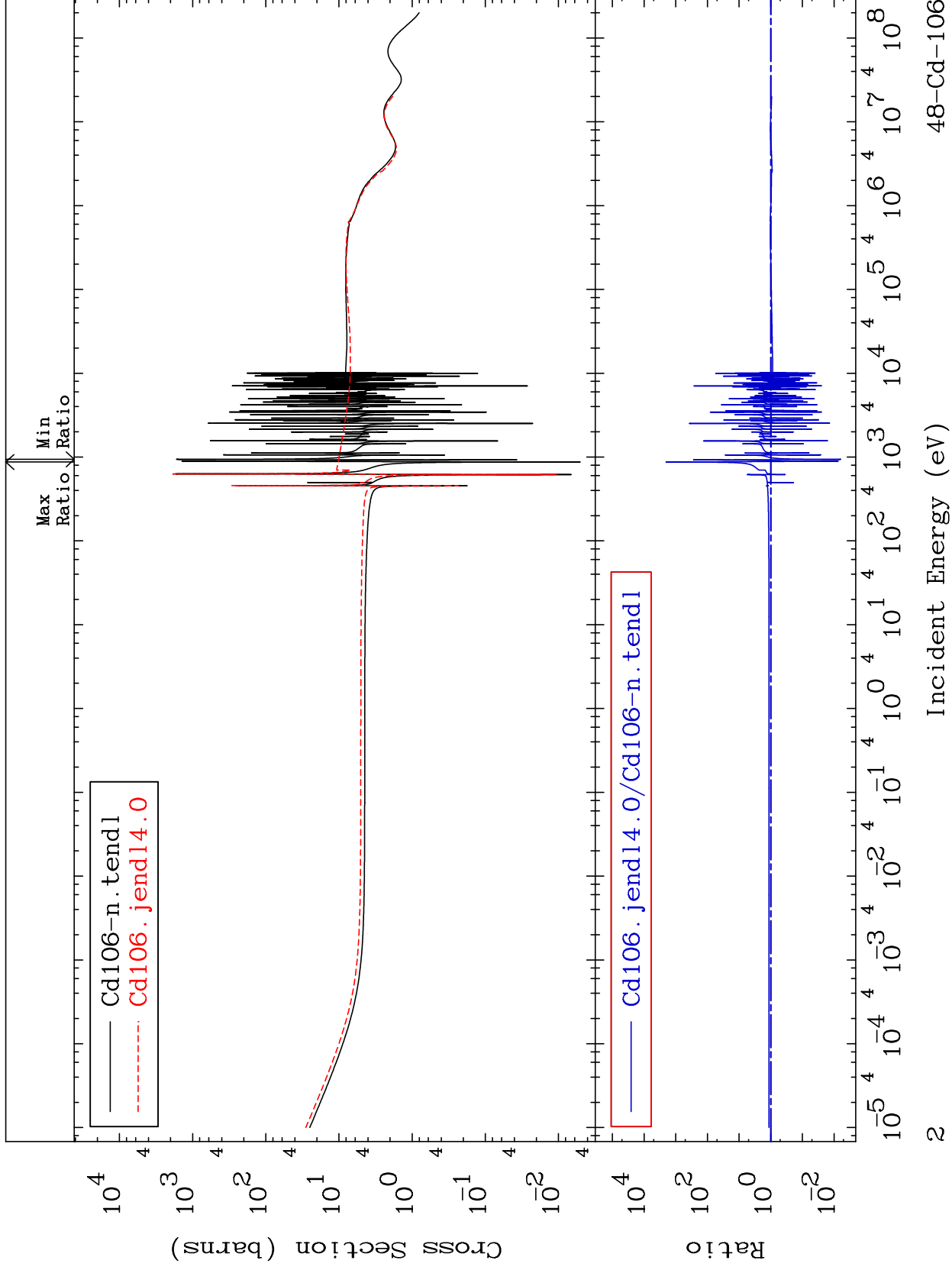
48-Cd-106

Incident Energy (eV)

MAT 4825

Elastic  
Cross Section

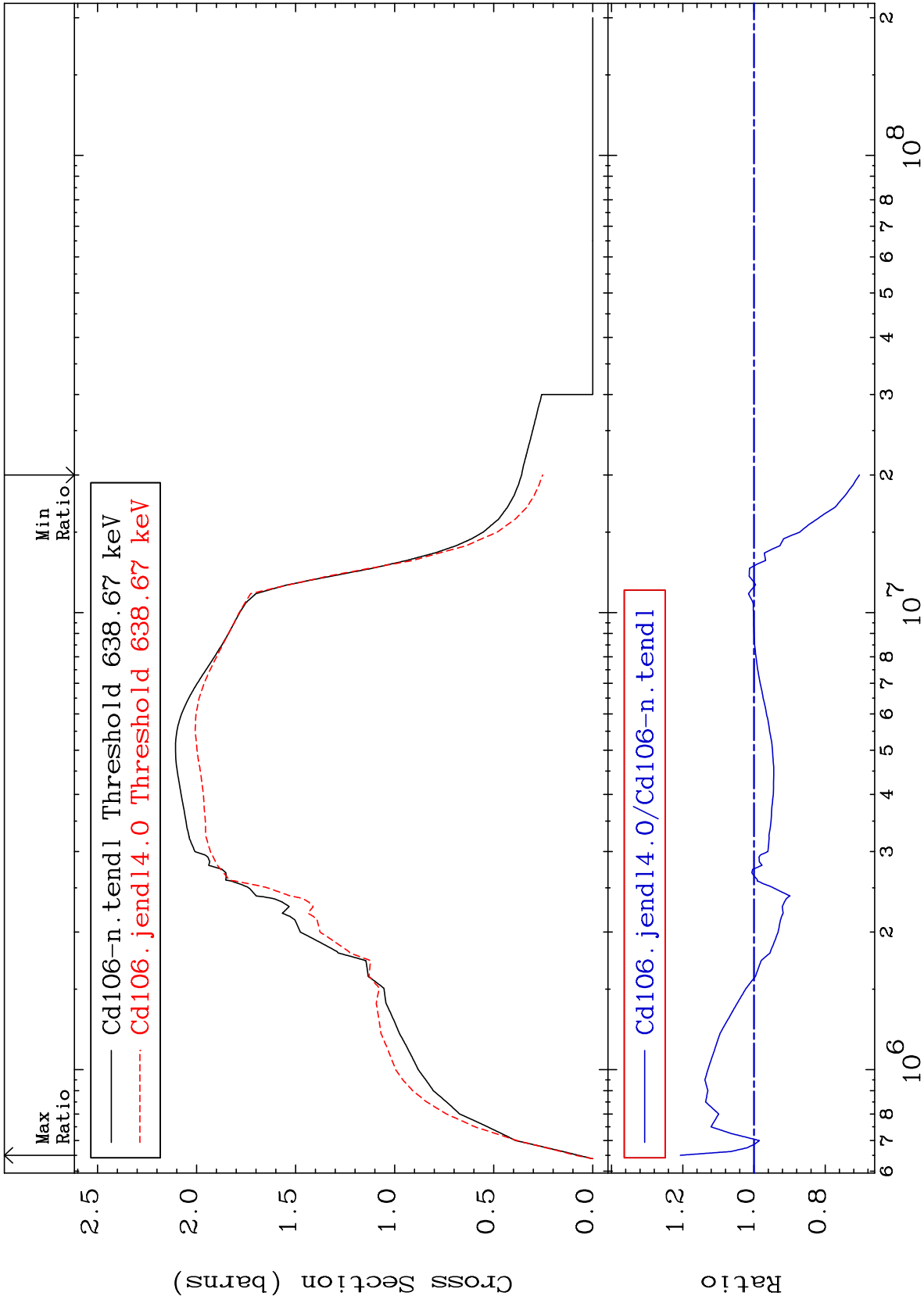
48-Cd-106  
-99.39 To 9999. %



MAT 4825

Inelastic  
Cross Section

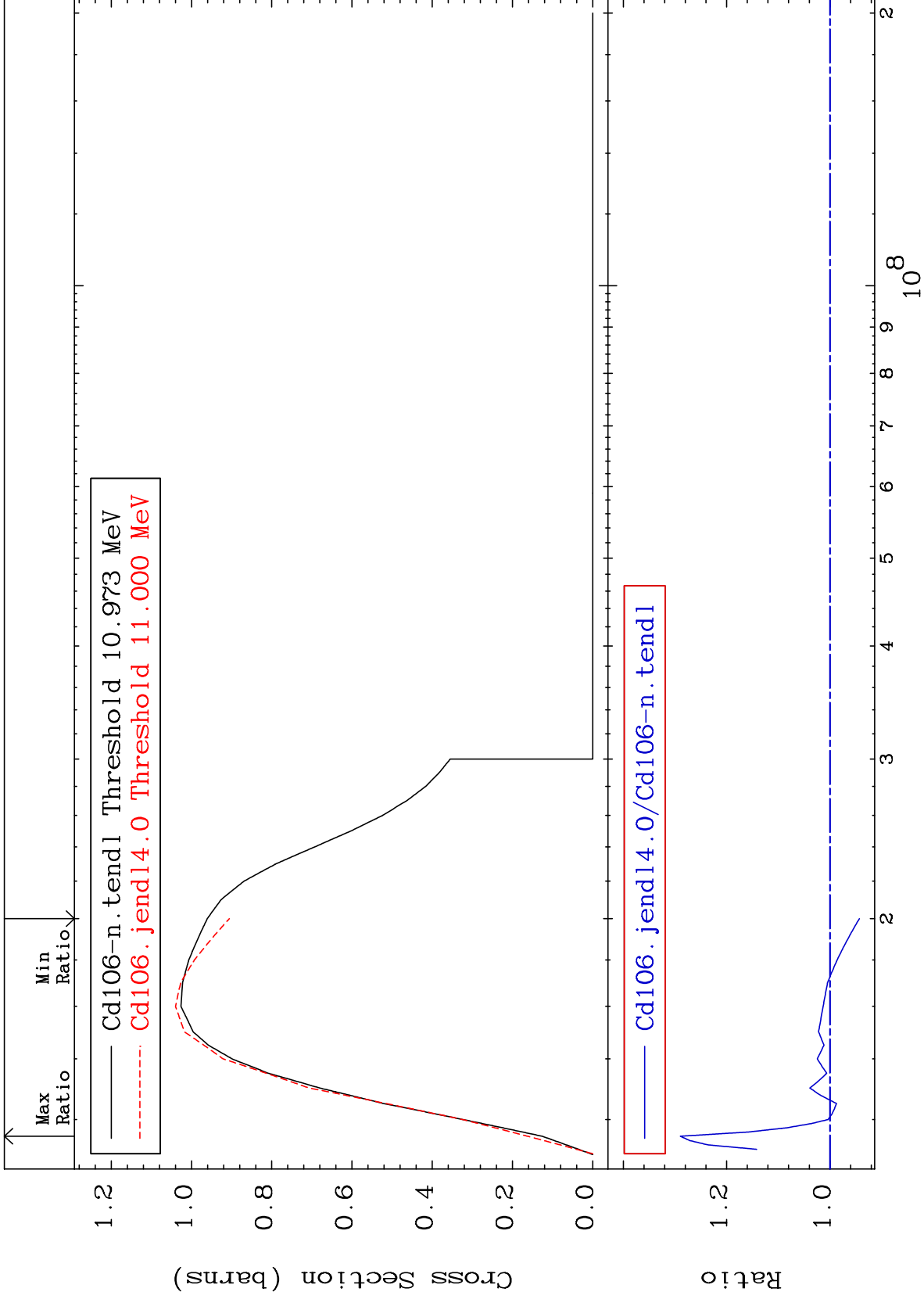
48-Cd-106  
-29.60 To 20.67 %



3

Incident Energy (eV)

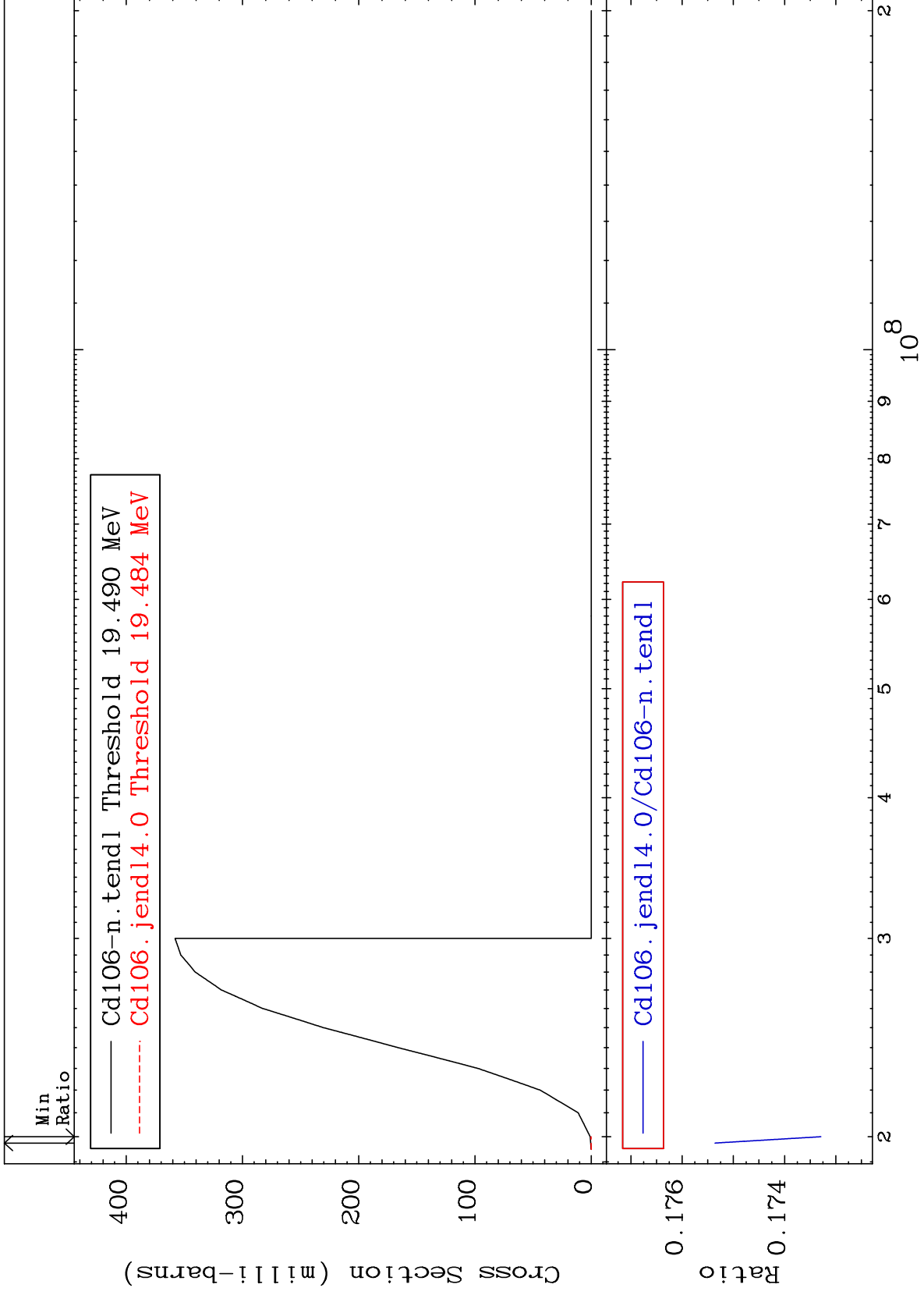
48-Cd-106



MAT 4825

(n,3n)  
Cross Section

48-Cd-106  
-82.67 To -82.46%



5

Incident Energy (eV)

48-Cd-106

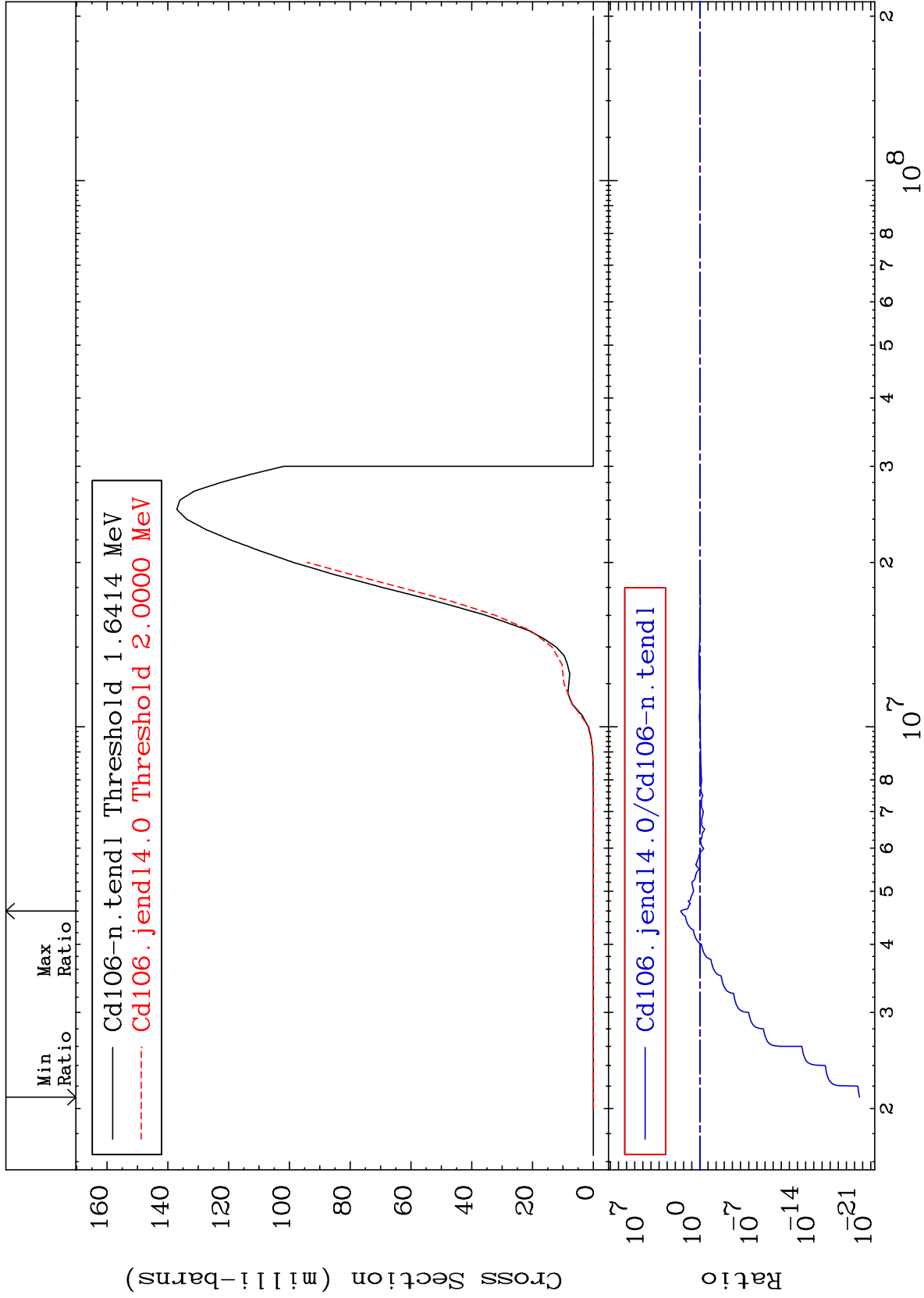
MAT 4825

(n, n')  $\alpha$

48-Cd-106

Cross Section

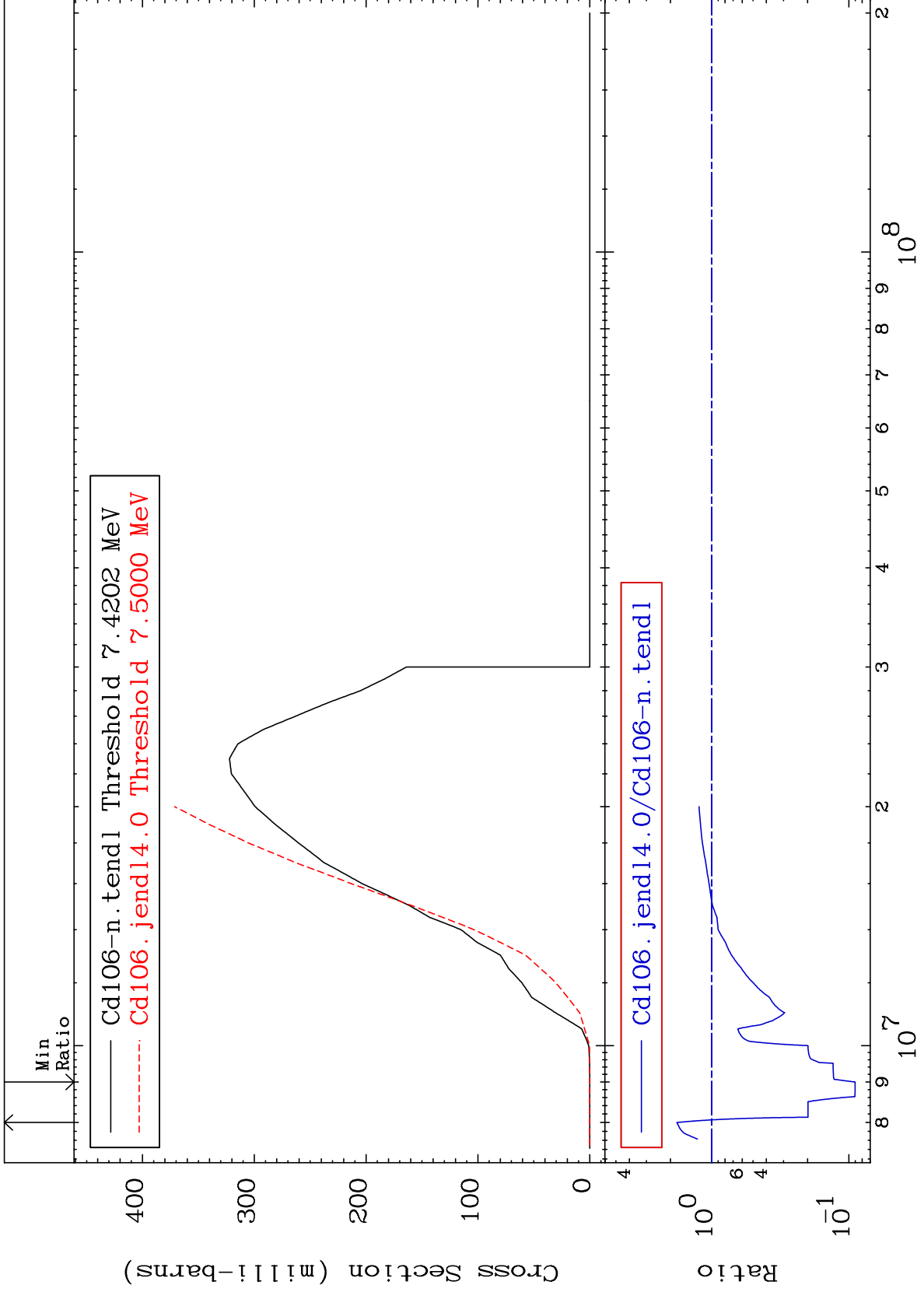
-100.0 To 9999. %



MAT 4825

(n,n') p  
Cross Section

48-Cd-106  
-90.98 To 79.69 %



7

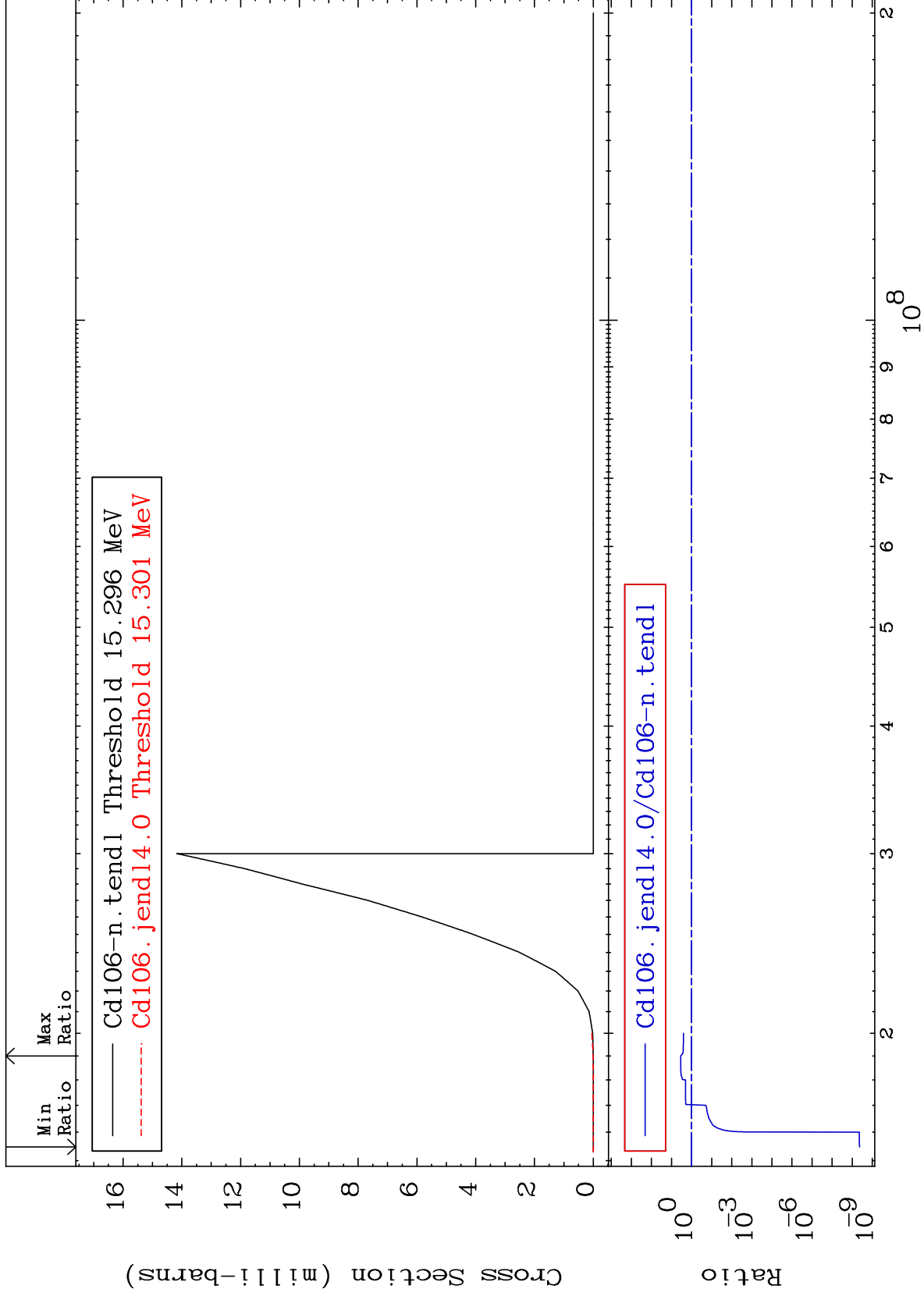
Incident Energy (eV)

48-Cd-106

MAT 4825

(n,n') d  
Cross Section

48-Cd-106  
-100.0 To 245.2 %

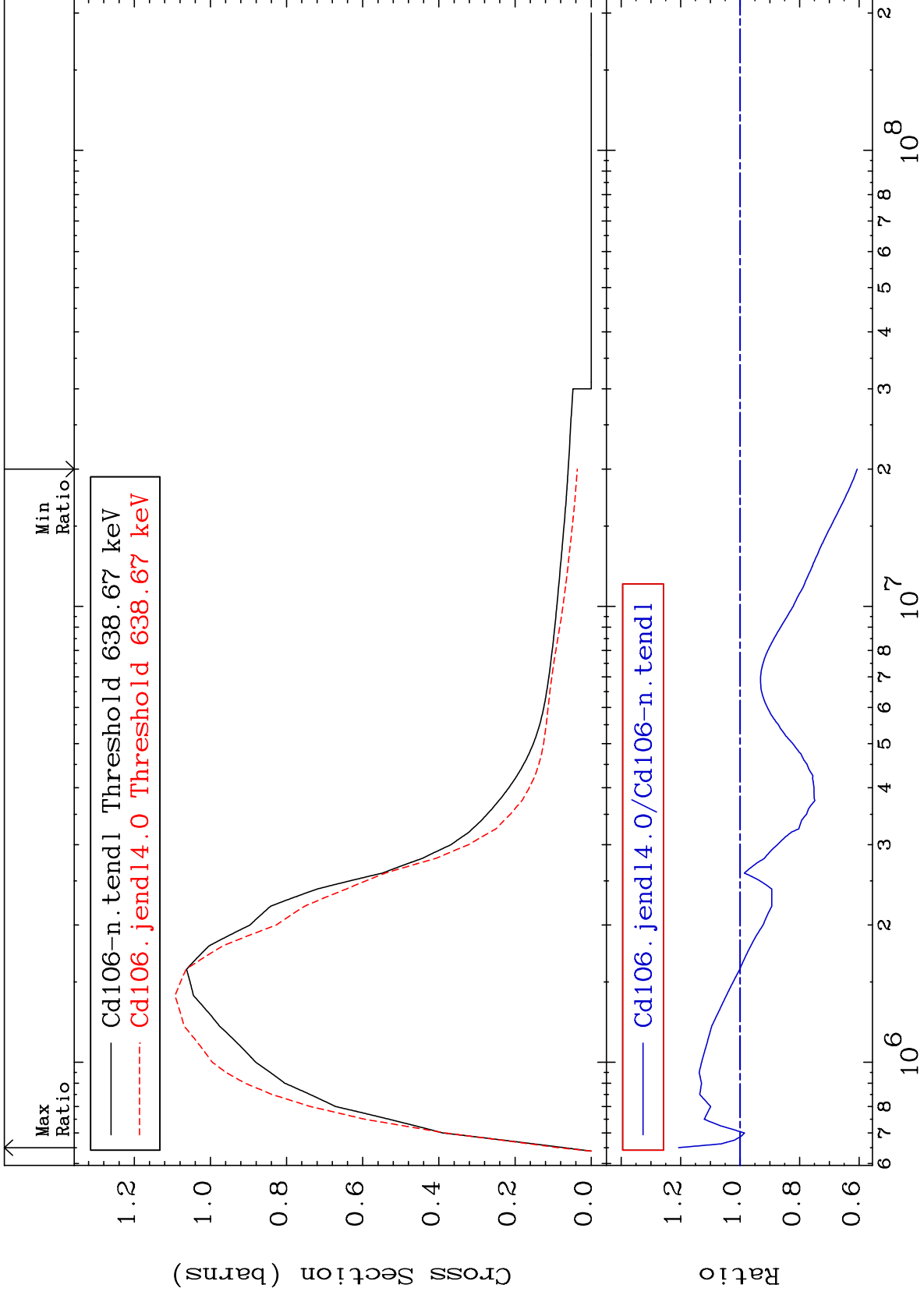




MAT 4825

632.6 keV (n,n') Level  
Cross Section

48-Cd-106  
-39.39 To 20.67 %



9

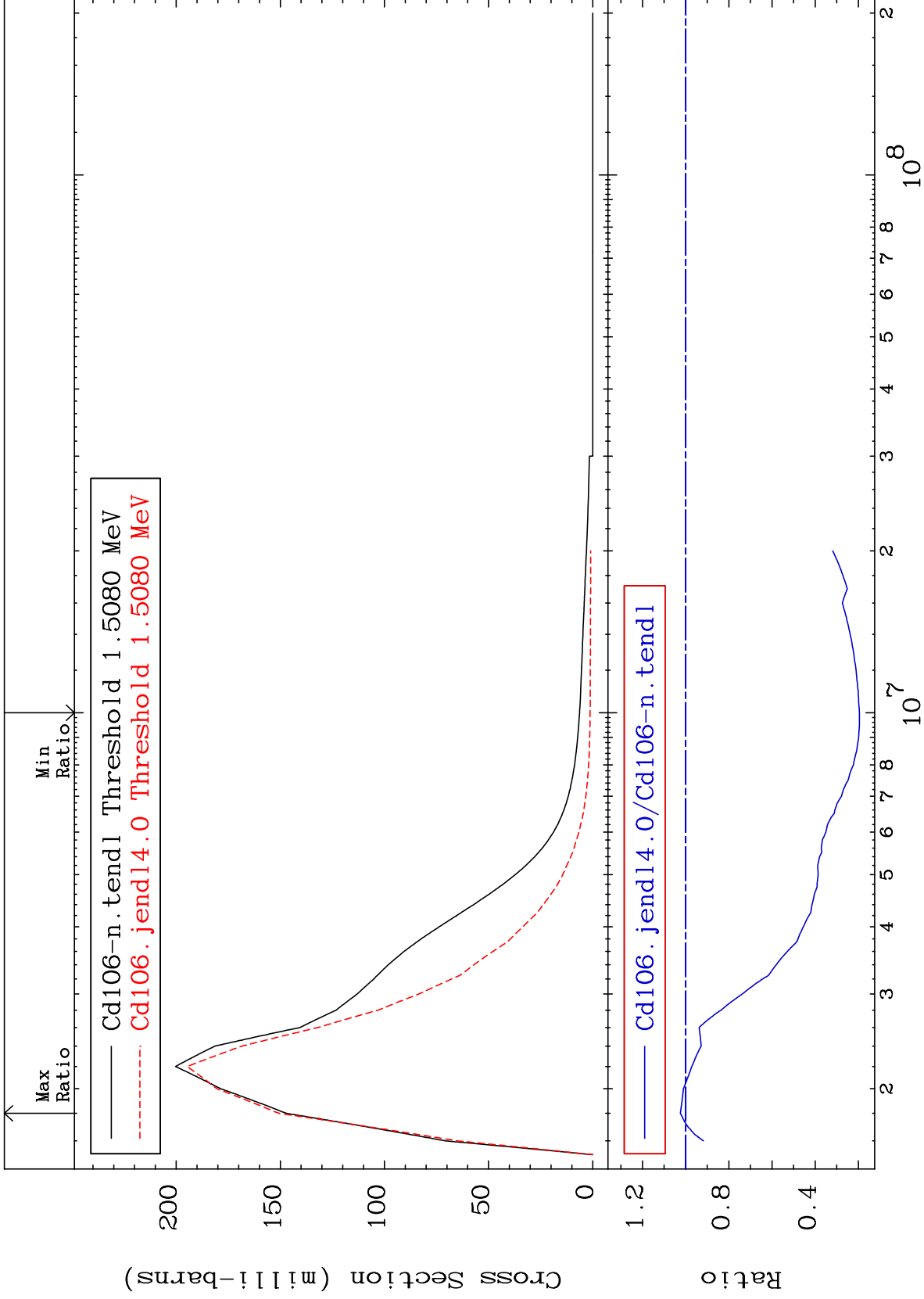
Incident Energy (eV)

48-Cd-106

MAT 4825

1.494 MeV (n,n') Level  
Cross Section

48-Cd-106  
-80.51 To 2.474 %



10

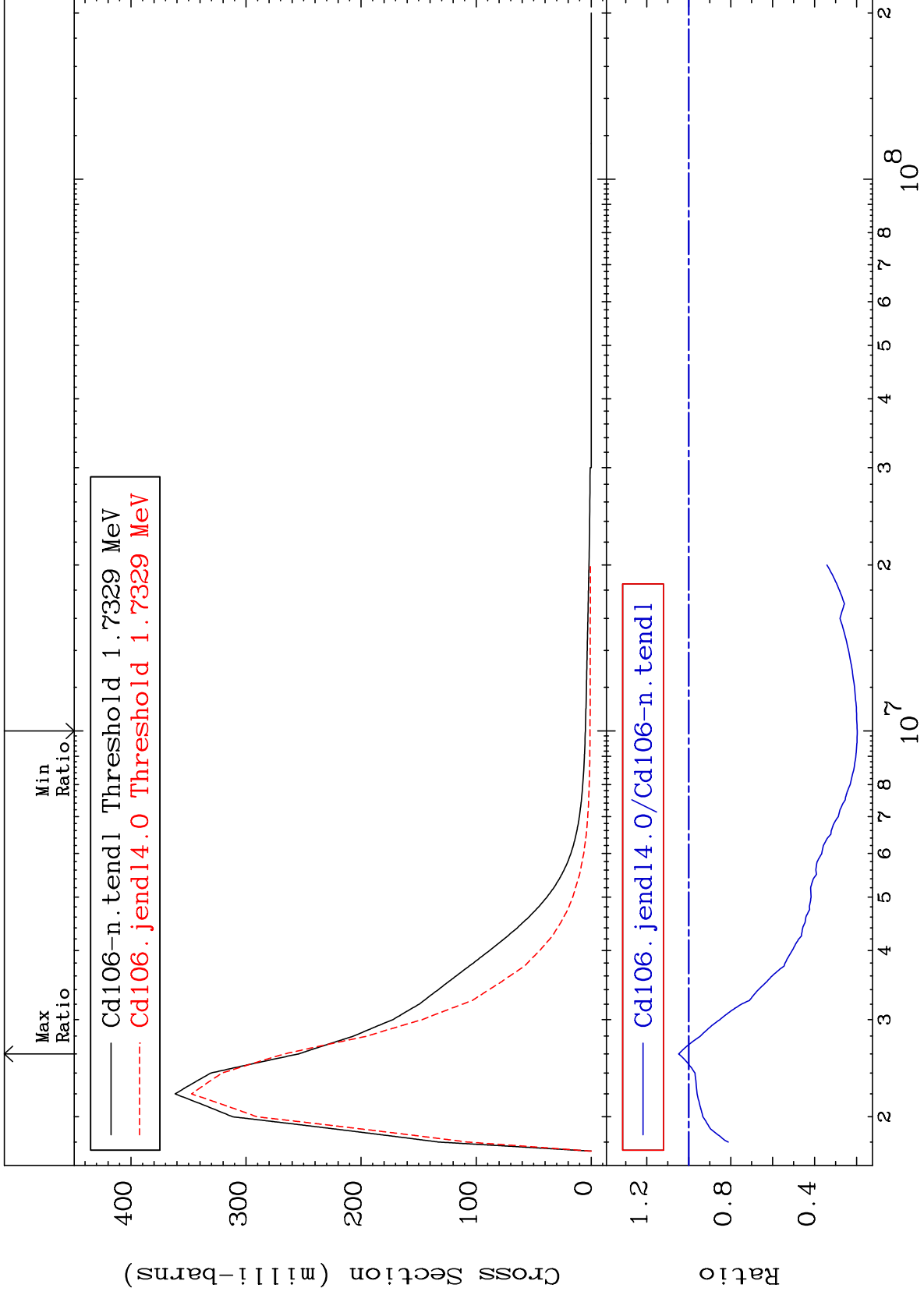
Incident Energy (eV)

48-Cd-106

MAT 4825

1.717 MeV (n,n') Level  
Cross Section

48-Cd-106  
-80.34 To 4.822 %



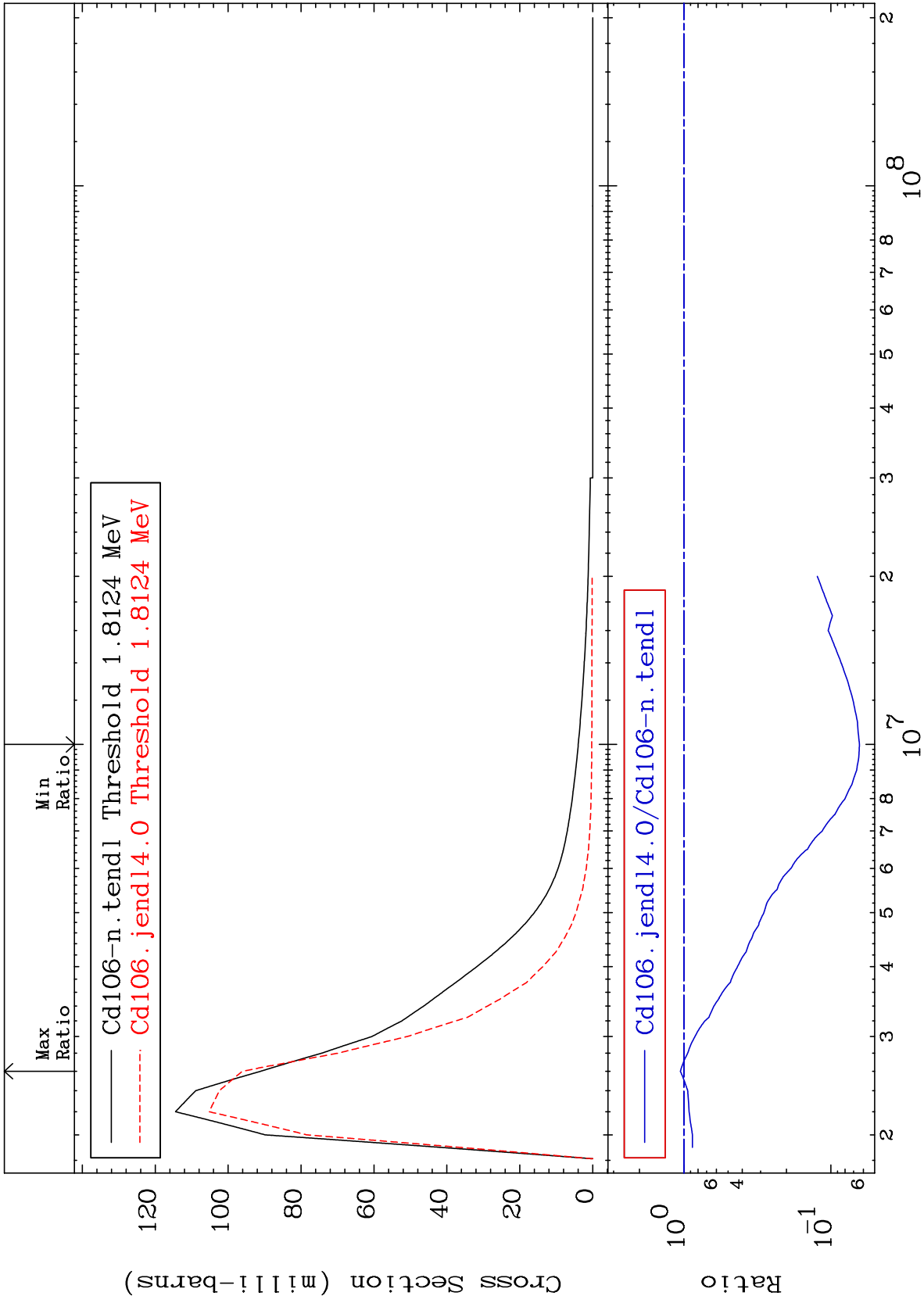
11

48-Cd-106

MAT 4825

1.795 MeV (n,n') Level  
Cross Section

48-Cd-106  
-93.61 To 5.474 %



12

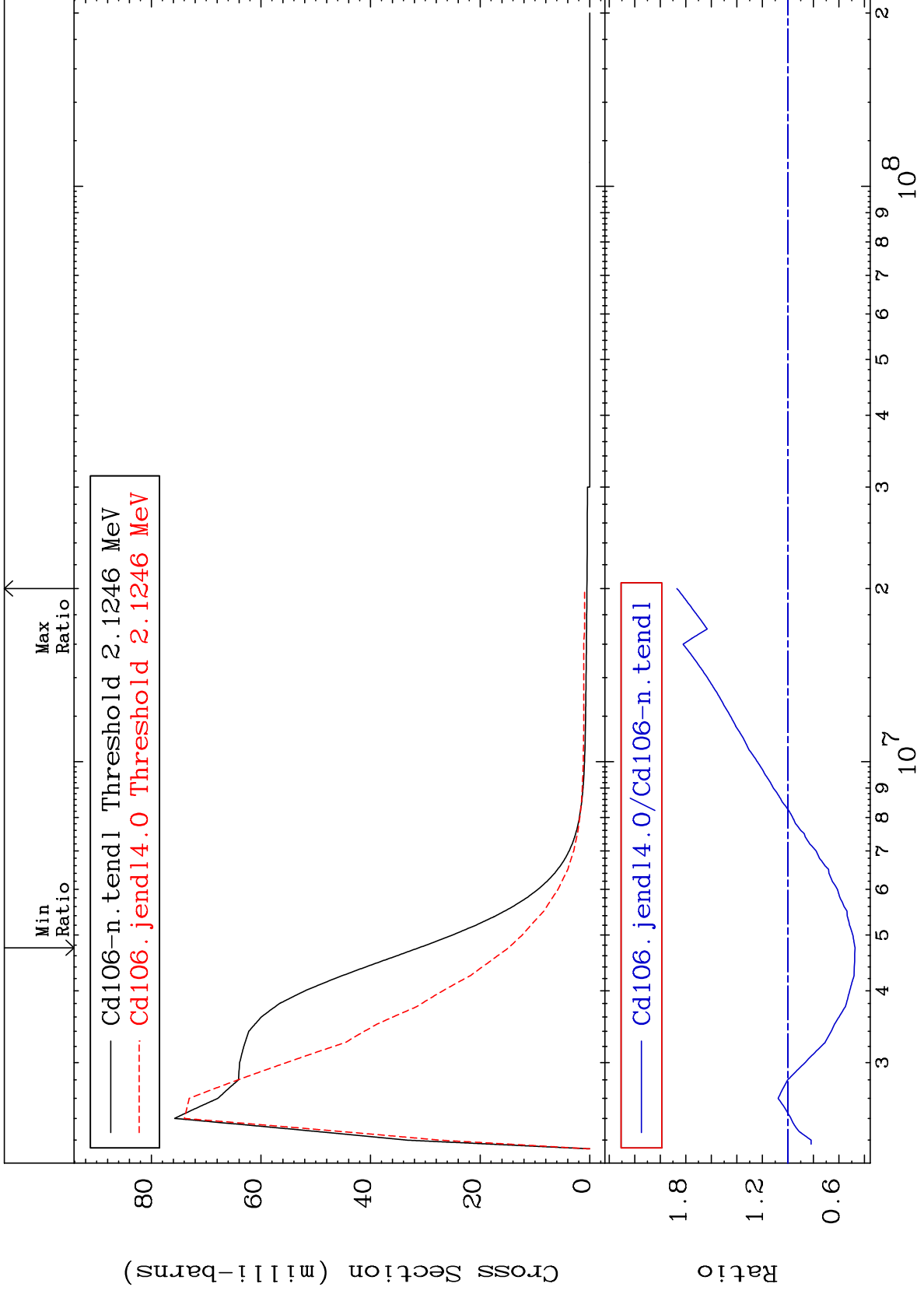
48-Cd-106

48-Cd-106

MAT 4825

2.105 MeV (n,n') Level  
Cross Section

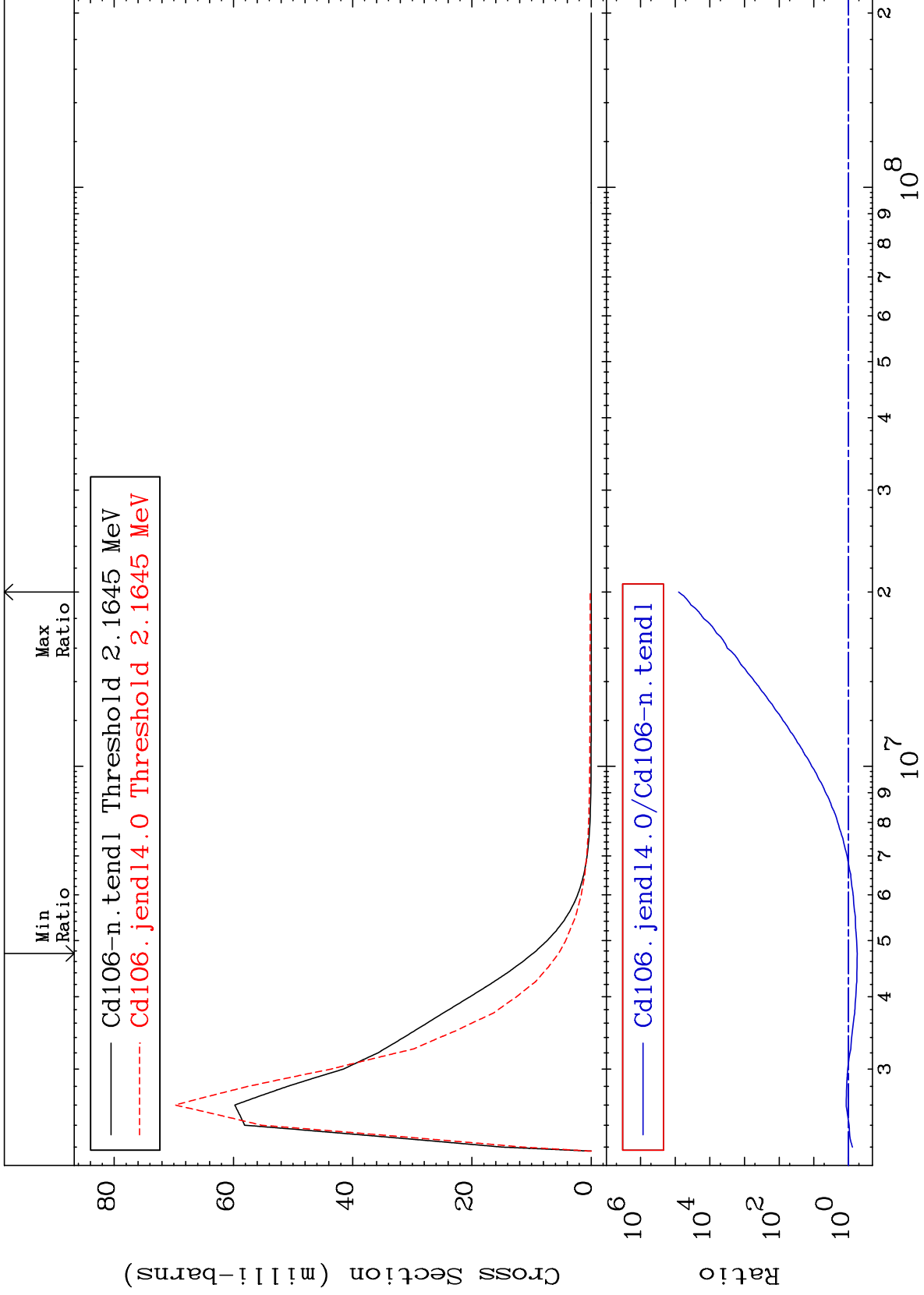
48-Cd-106  
-52.62 To 86.94 %



MAT 4825

2.144 MeV (n,n') Level  
Cross Section

48-Cd-106  
-44.27 To 9999. %



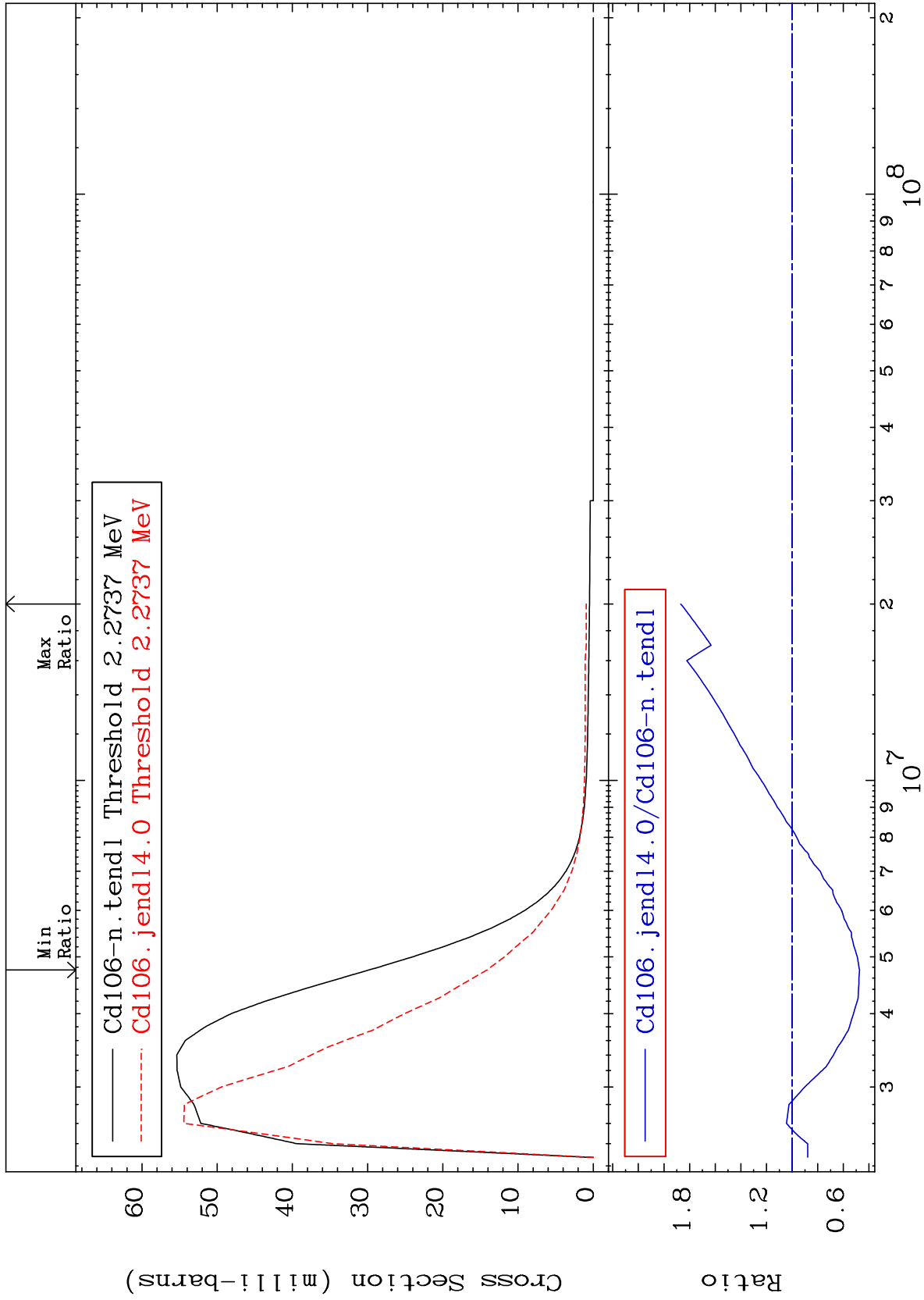
MAT 4825

2.252 MeV (n,n') Level

48-Cd-106

-52.62 To 86.90 %

Cross Section



15

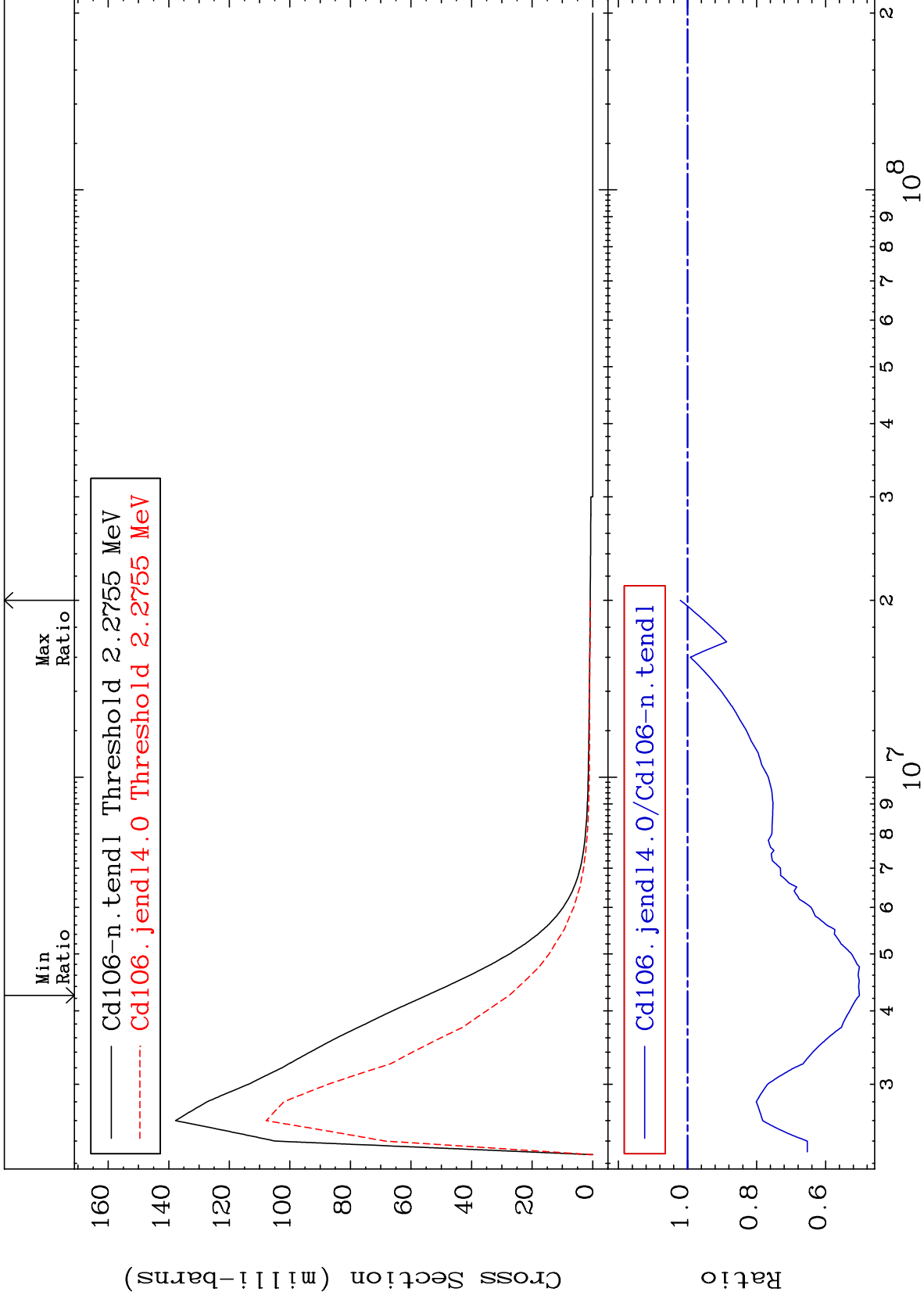
Incident Energy (eV)

48-Cd-106

MAT 4825

2.254 MeV (n,n') Level  
Cross Section

48-Cd-106  
-49.77 To 2.080 %



16

Incident Energy (eV)

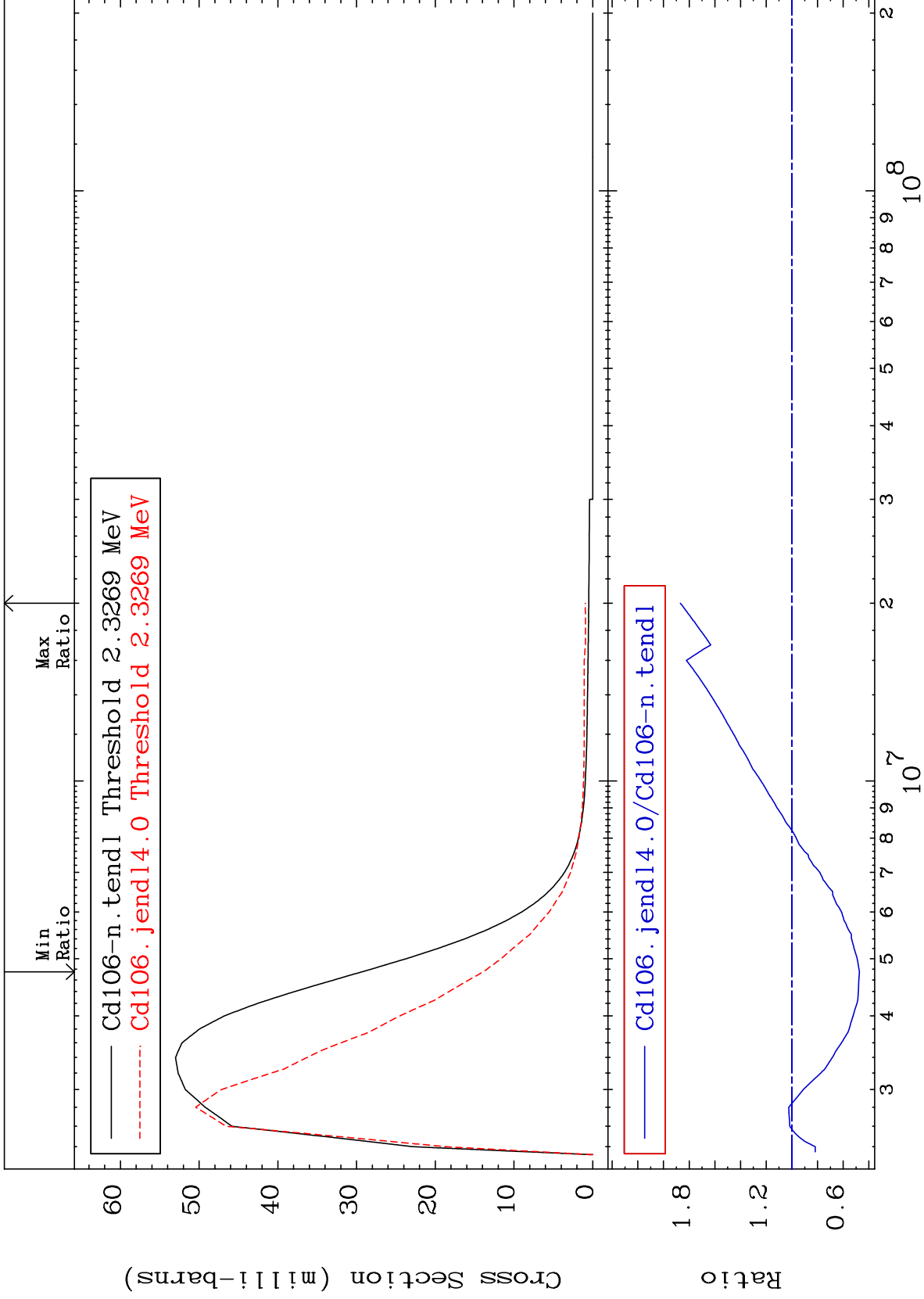
48-Cd-106



MAT 4825

2.305 MeV (n,n') Level  
Cross Section

48-Cd-106  
-52.62 To 86.87 %



17

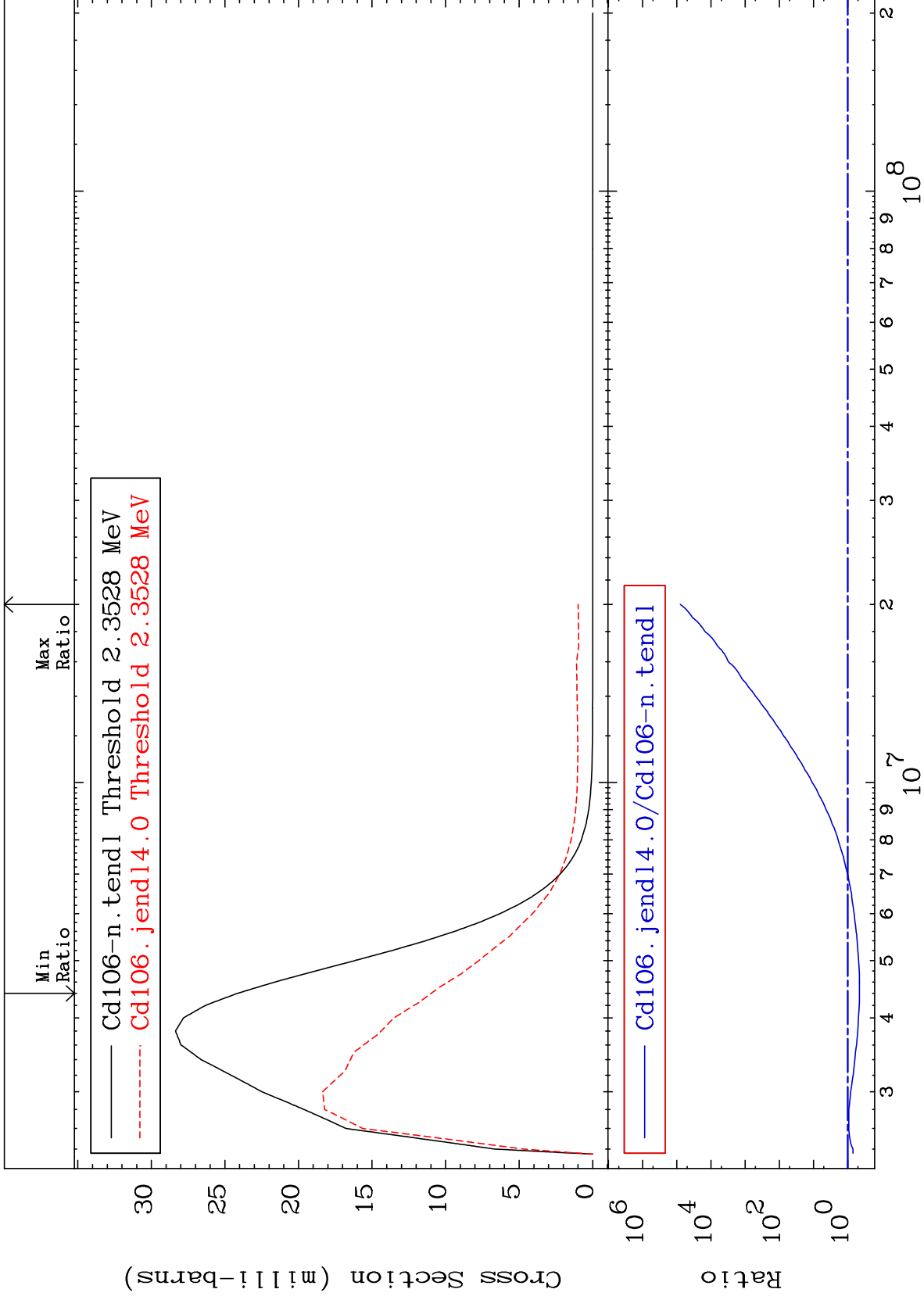
Incident Energy (eV)

48-Cd-106

MAT 4825

2.331 MeV (n,n') Level  
Cross Section

48-Cd-106  
-54.52 To 9999. %



18

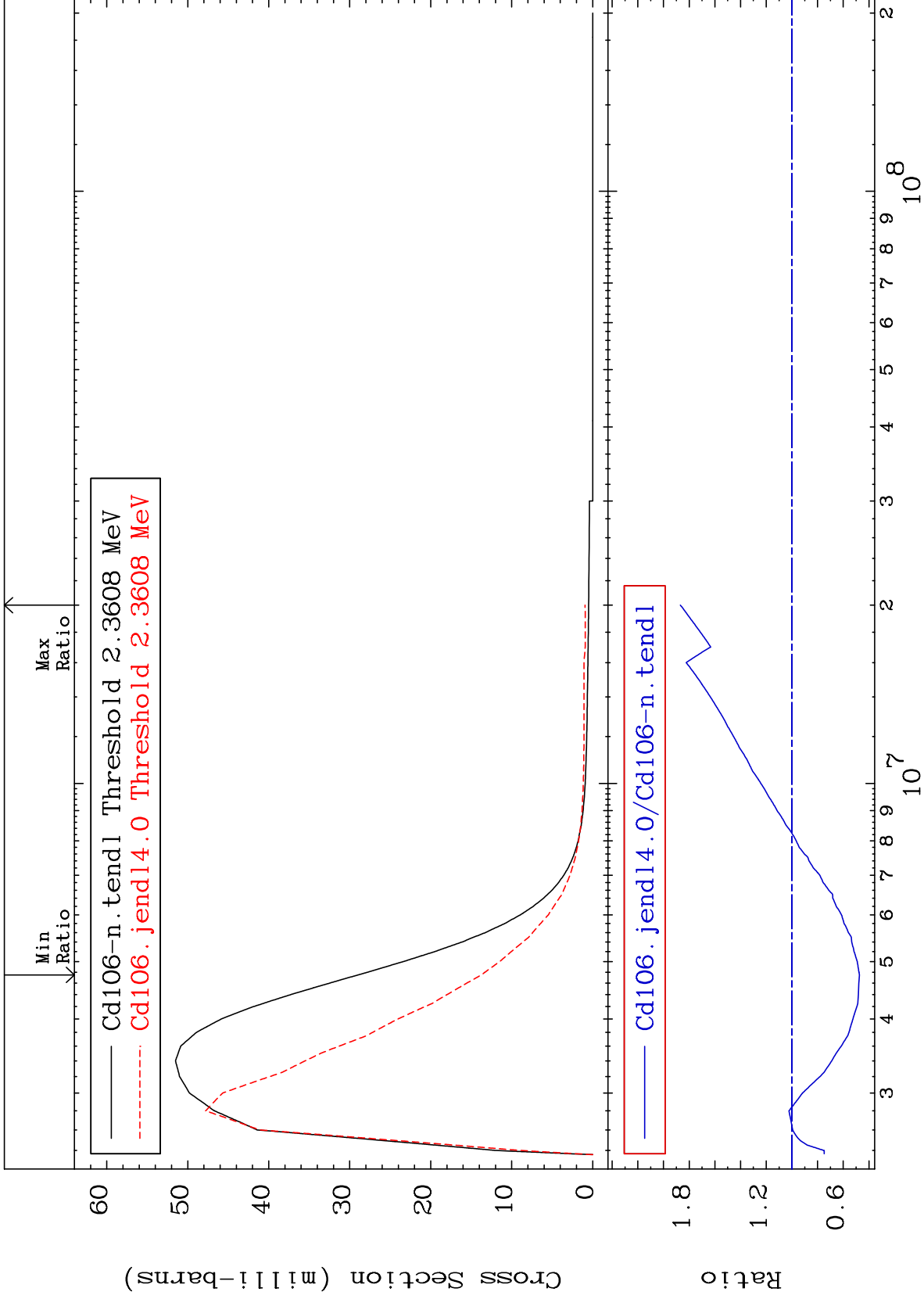
Incident Energy (eV)

48-Cd-106

MAT 4825

2.339 MeV (n,n') Level  
Cross Section

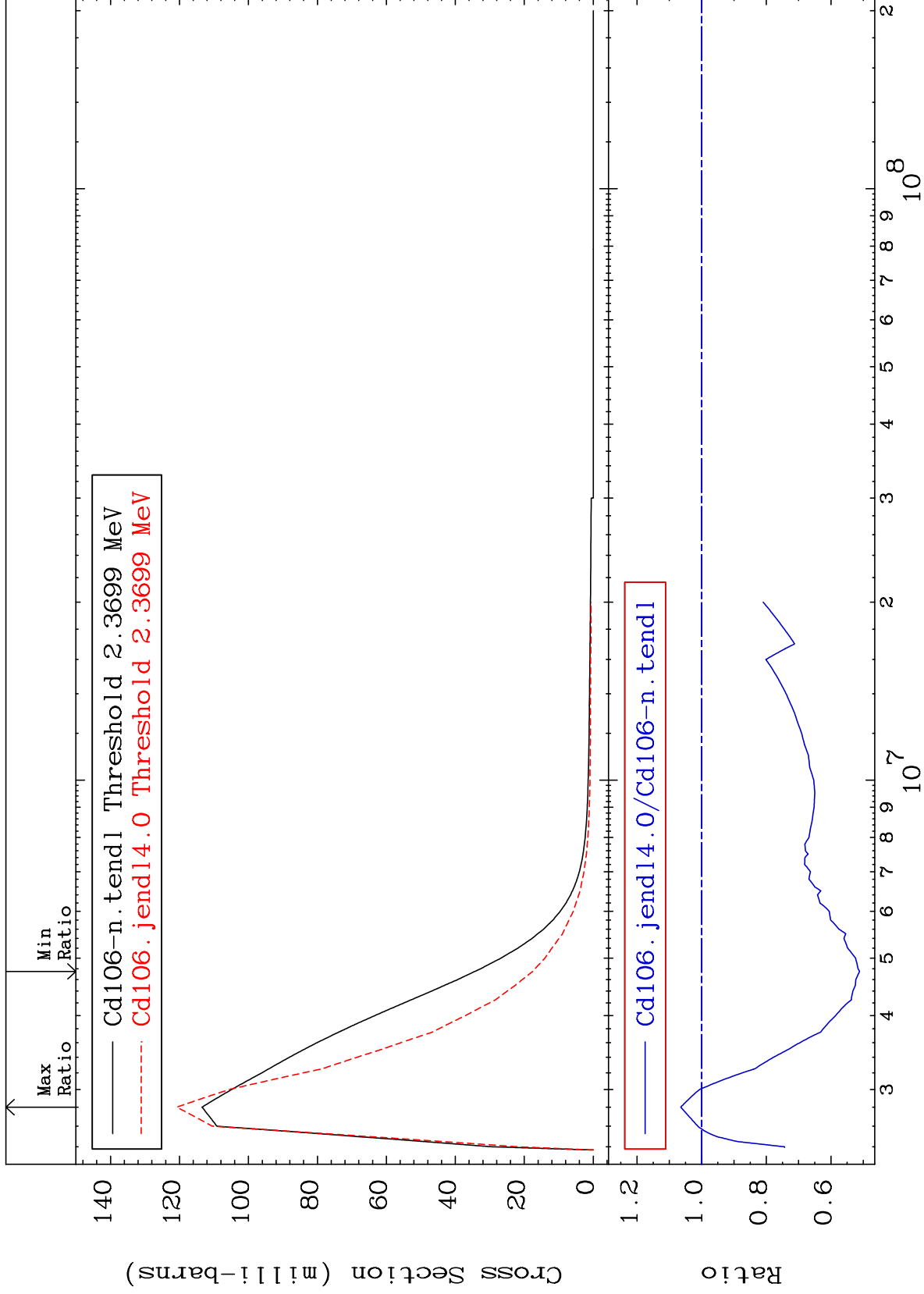
48-Cd-106  
-52.60 To 86.88 %



MAT 4825

2.348 MeV (n,n') Level  
Cross Section

48-Cd-106  
-48.84 To 6.465 %



20

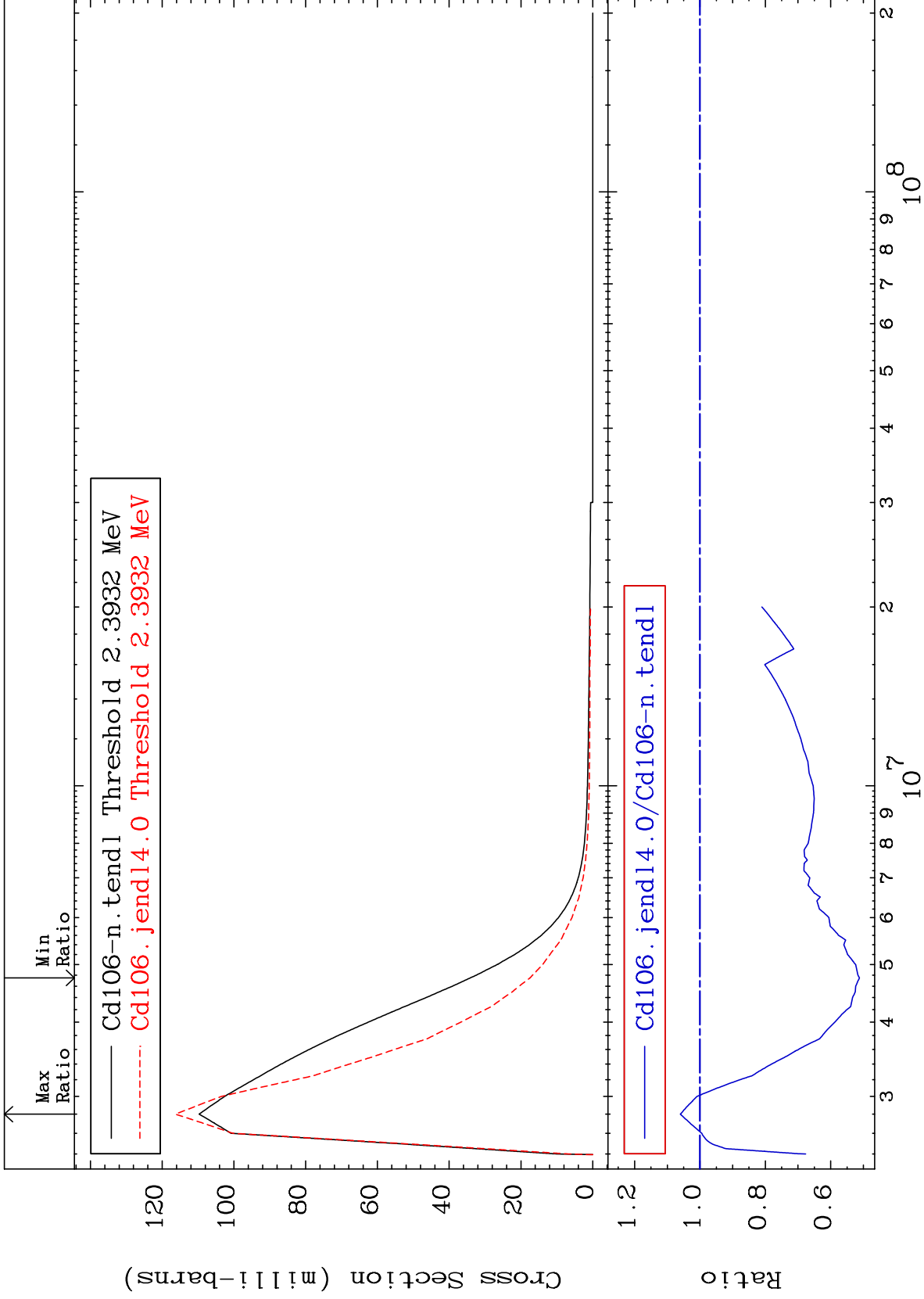
Incident Energy (eV)

48-Cd-106

MAT 4825

2.371 MeV (n,n') Level  
Cross Section

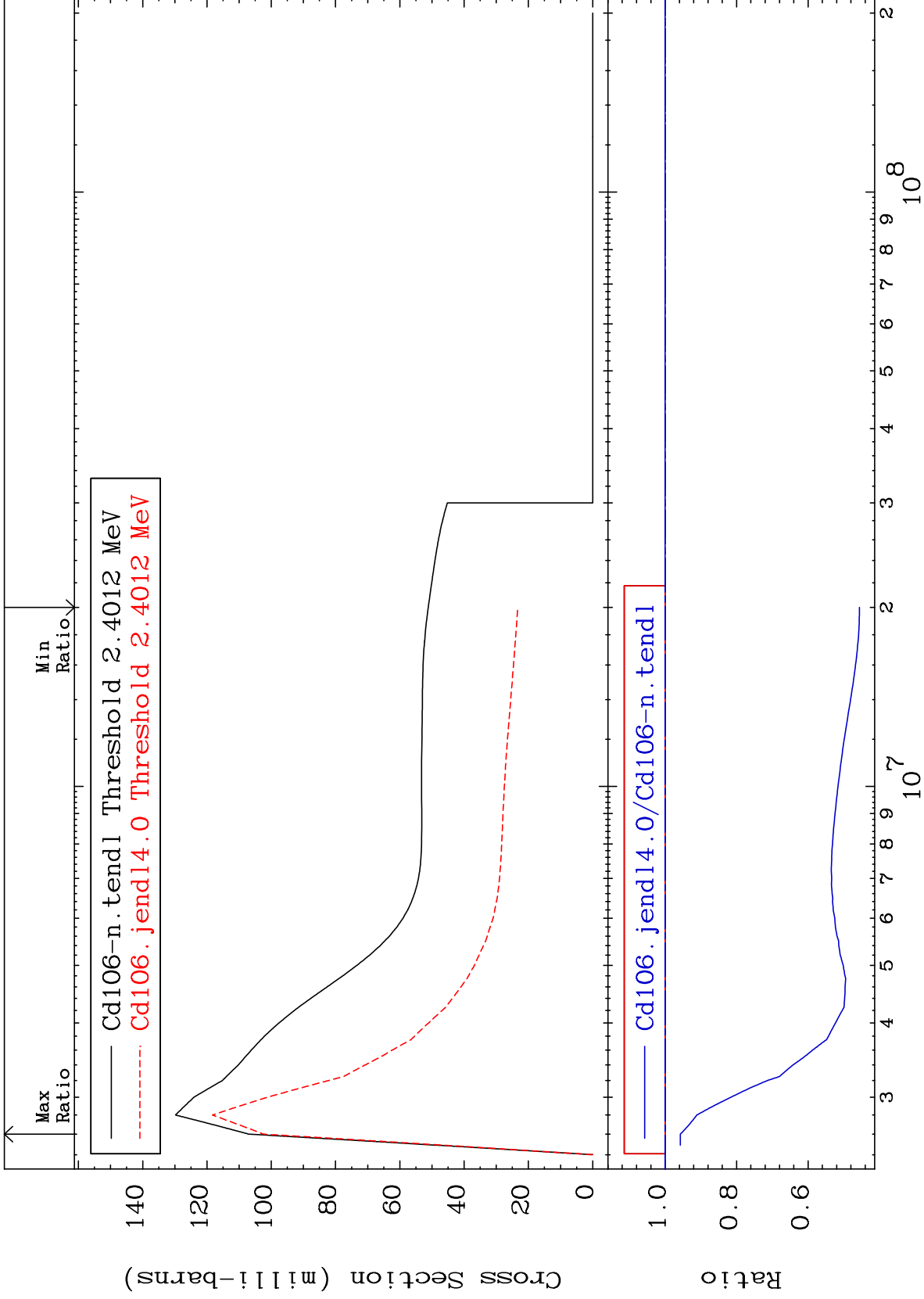
48-Cd-106  
-48.79 To 6.001 %



MAT 4825

2.379 MeV (n,n') Level  
Cross Section

48-Cd-106  
-54.37 To -4.264%



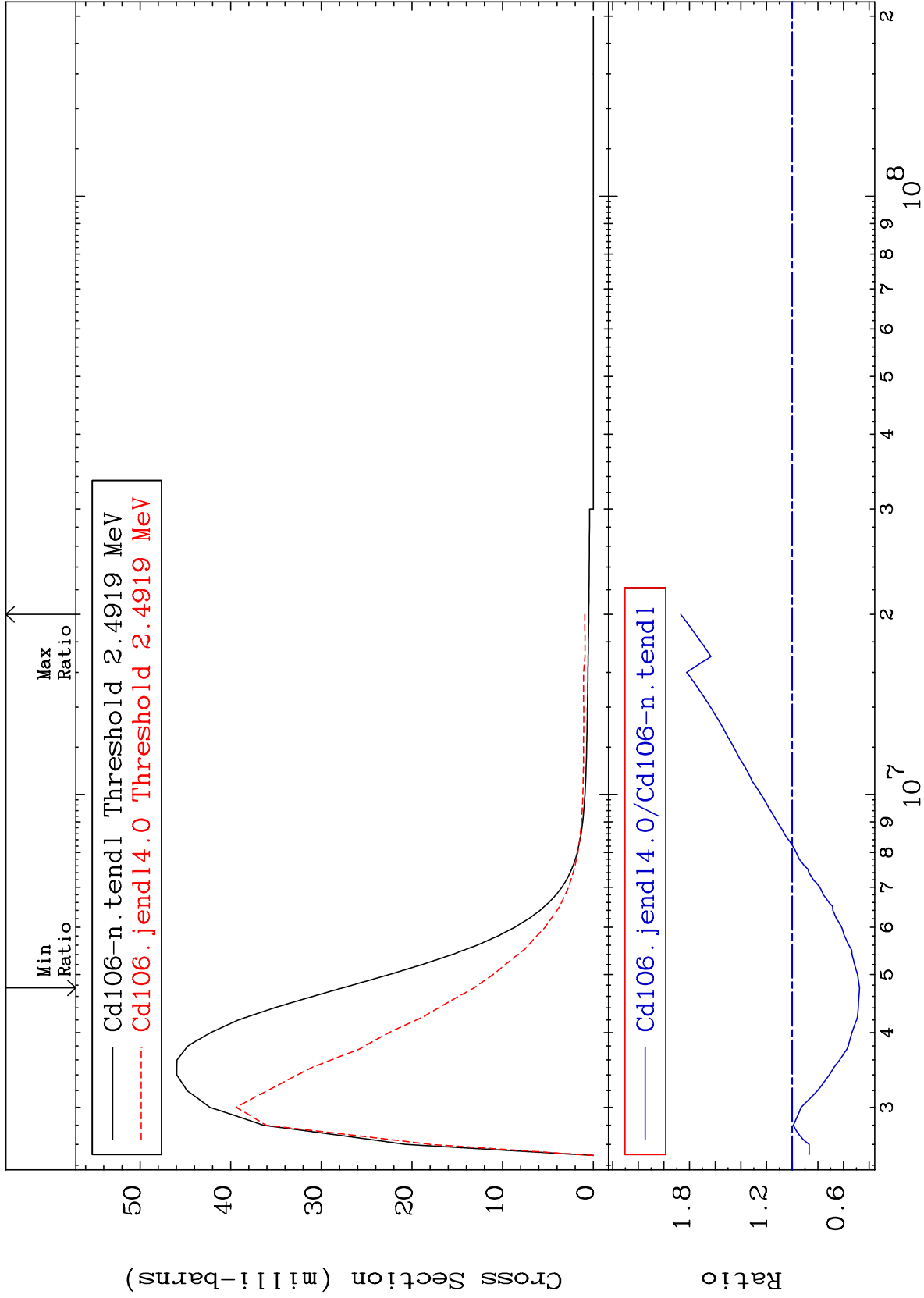
MAT 4825

2.468 MeV (n,n') Level

48-Cd-106

-52.48 To 86.86 %

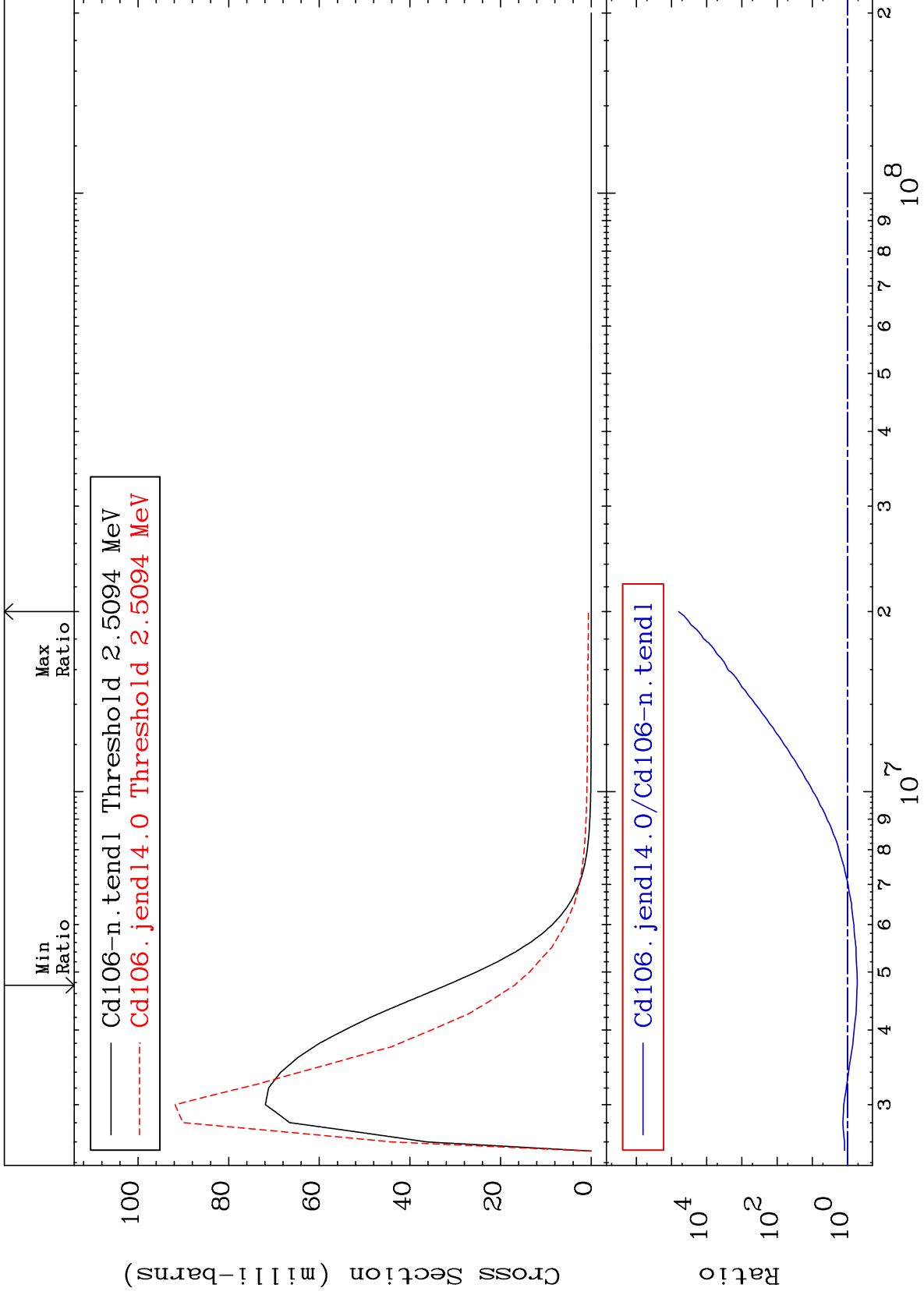
Cross Section



MAT 4825

2.486 MeV (n,n') Level  
Cross Section

48-Cd-106  
-47.08 To 9999. %





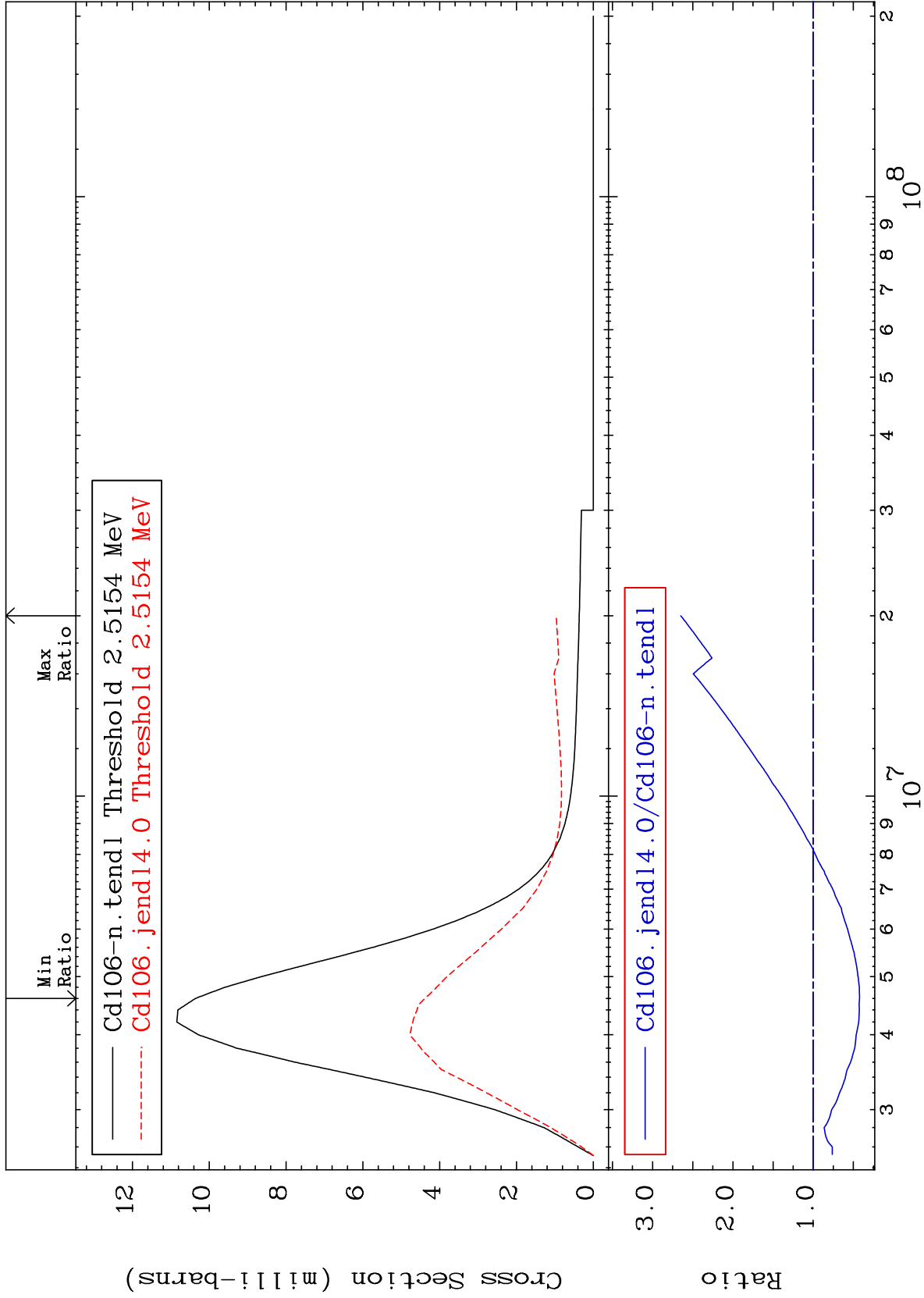
MAT 4825

2.492 MeV (n,n') Level

48-Cd-106

-57.72 To 164.9 %

Cross Section



25

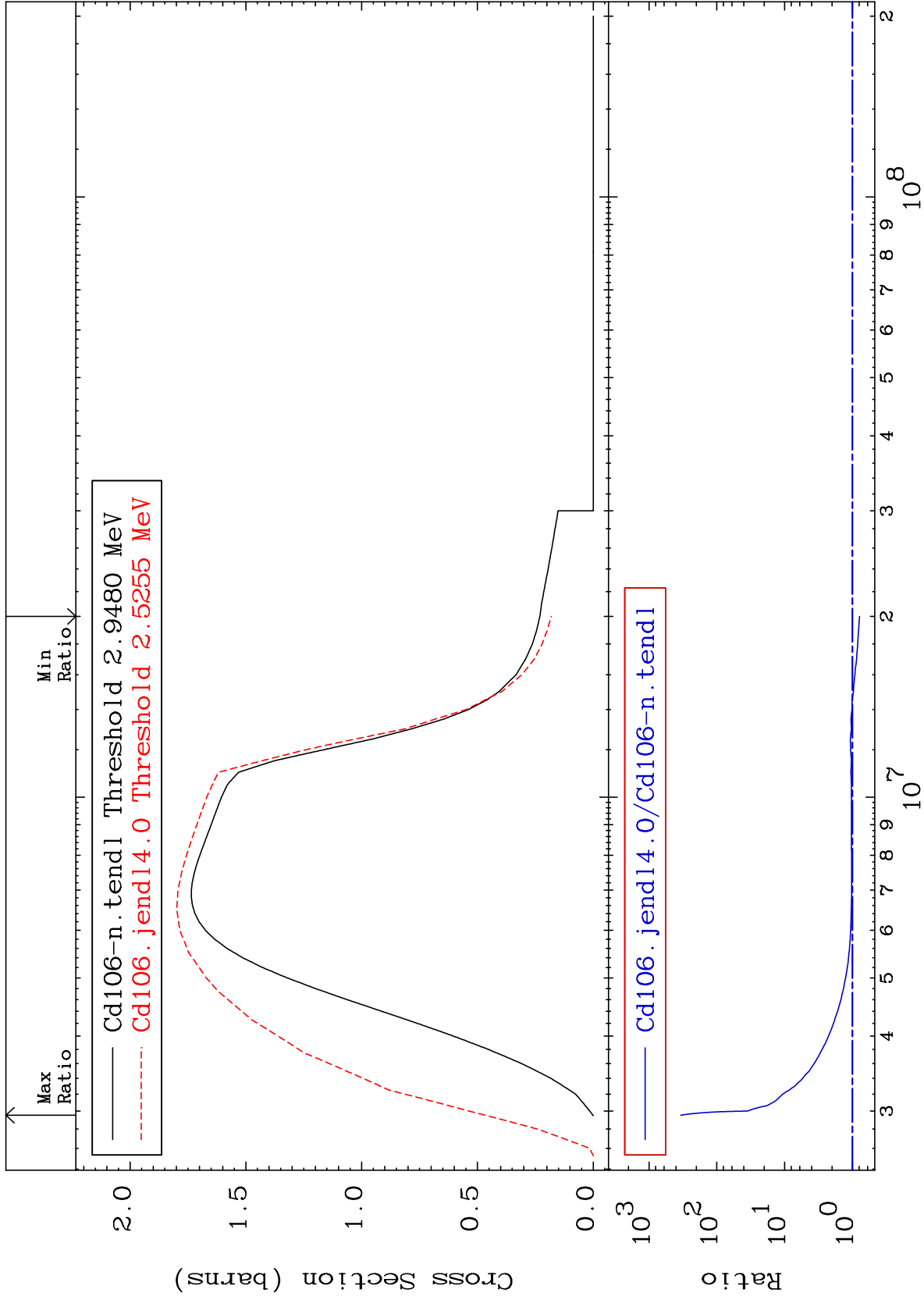
Incident Energy (eV)

48-Cd-106

MAT 4825

(n, n') Continuum  
Cross Section

48-Cd-106  
-21.19 To 9999. %

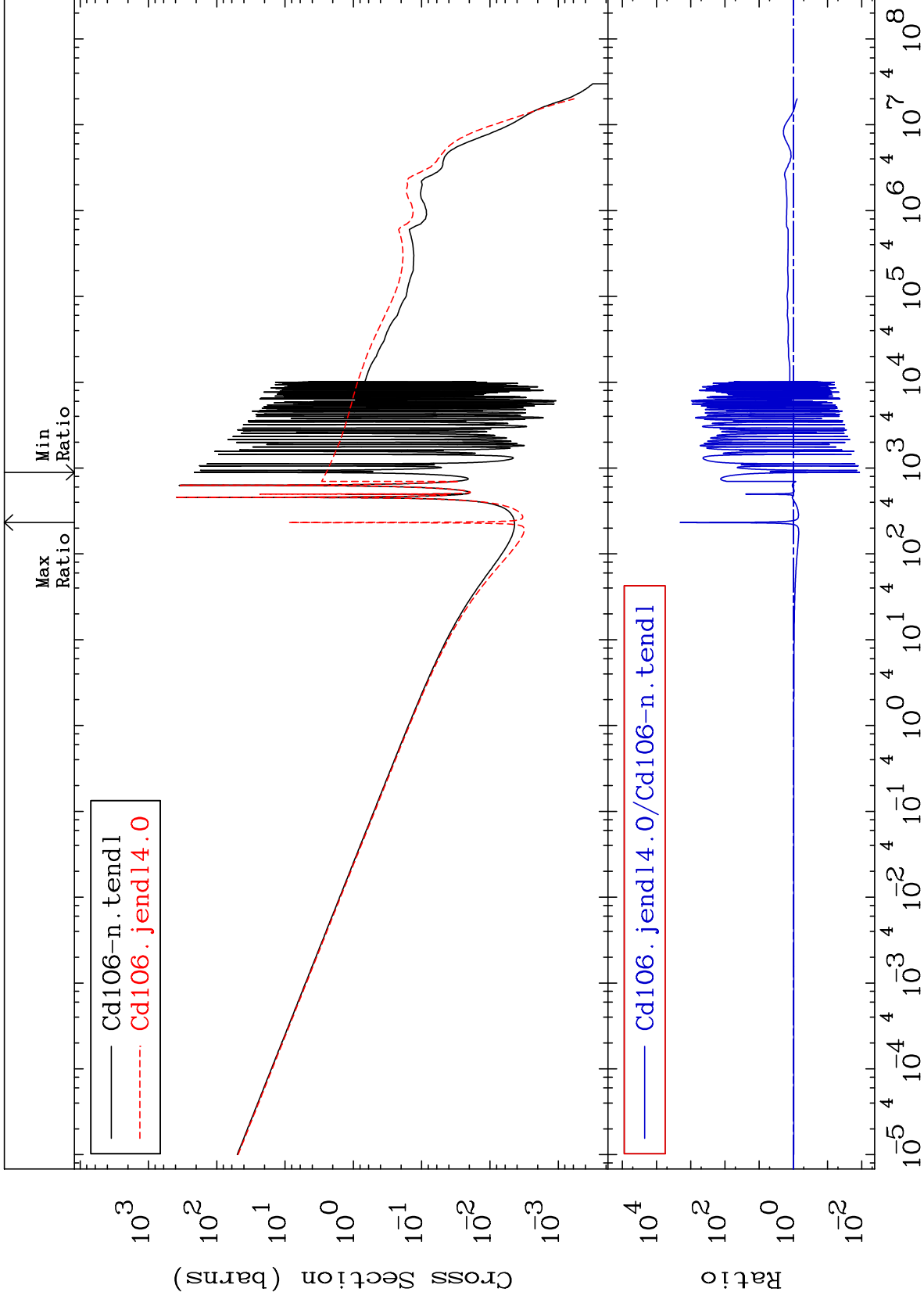


MAT 4825

48-Cd-106

-98.83 To 9999. %

(n,  $\gamma$ )  
Cross Section



27

48-Cd-106

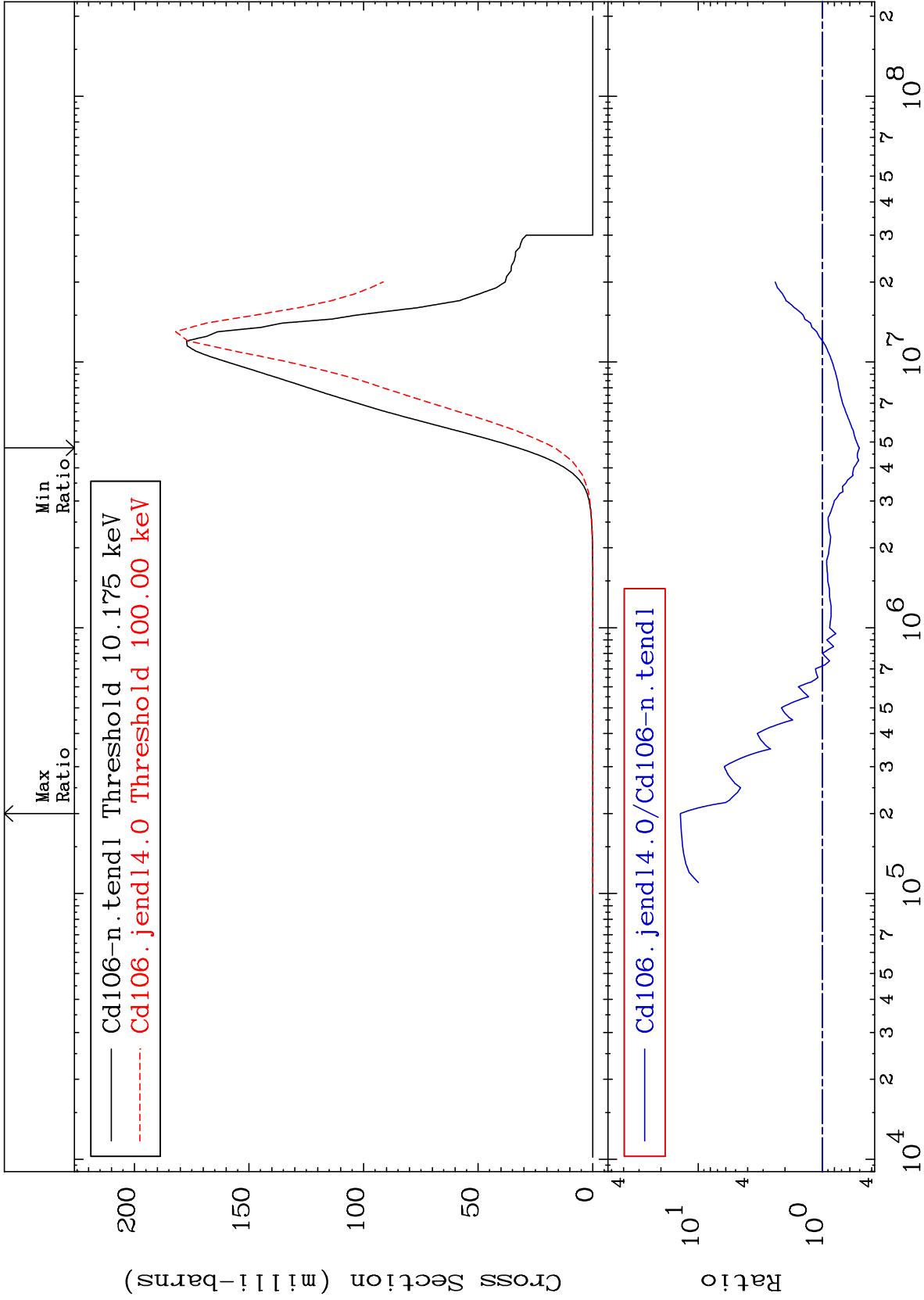
MAT 4825

(n,p)

48-Cd-106

Cross Section

-49.73 To 1294. %



28

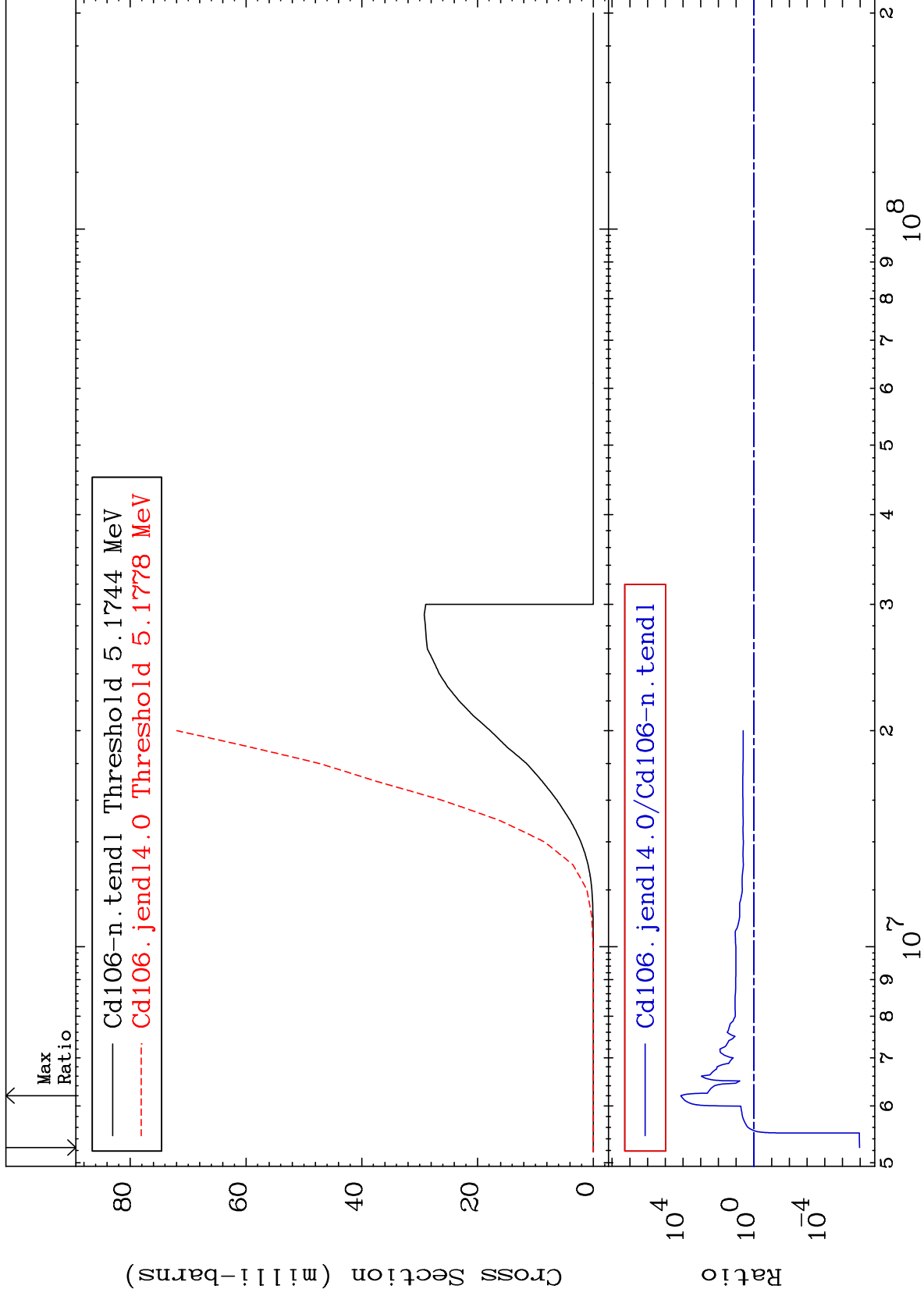
Incident Energy (eV)

48-Cd-106

MAT 4825

(n, d)  
Cross Section

48-Cd-106  
-100.0 To 9999. %



29

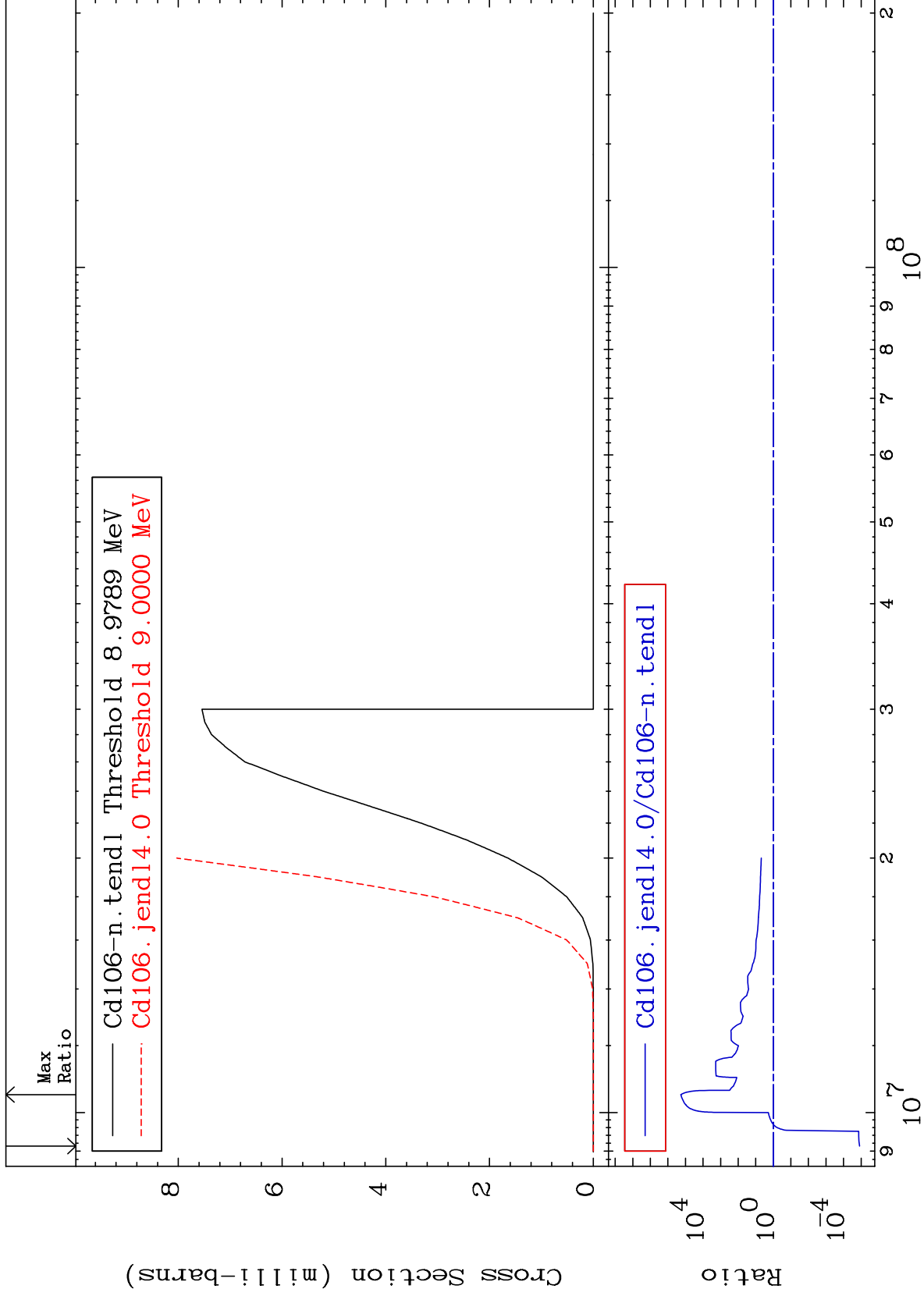
Incident Energy (eV)

48-Cd-106

MAT 4825

(n, t)  
Cross Section

48-Cd-106  
-100.0 To 9999. %



30

Incident Energy (eV)

48-Cd-106

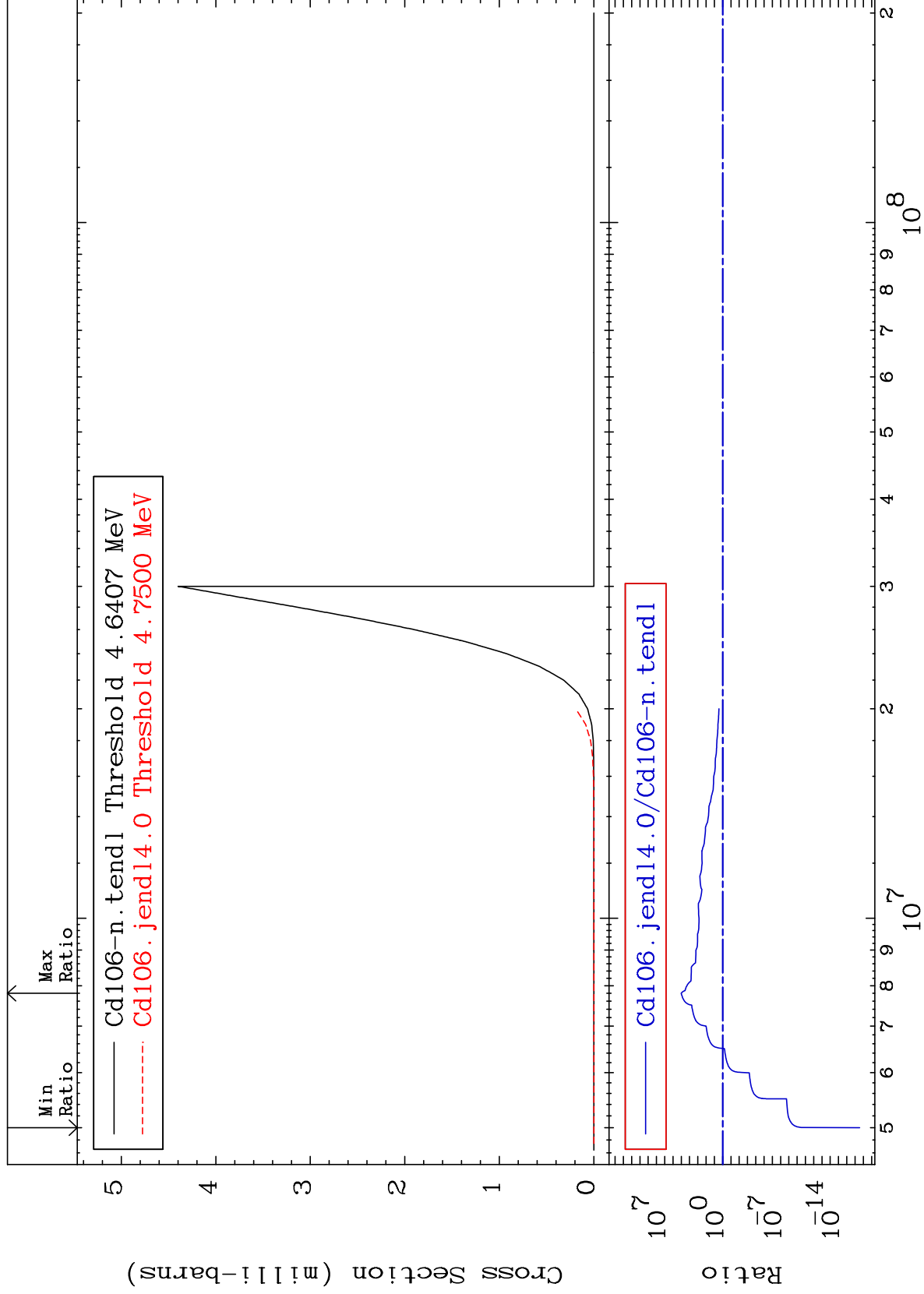
MAT 4825

(n, He-3)

48-Cd-106

Cross Section

-100.0 To 9999. %



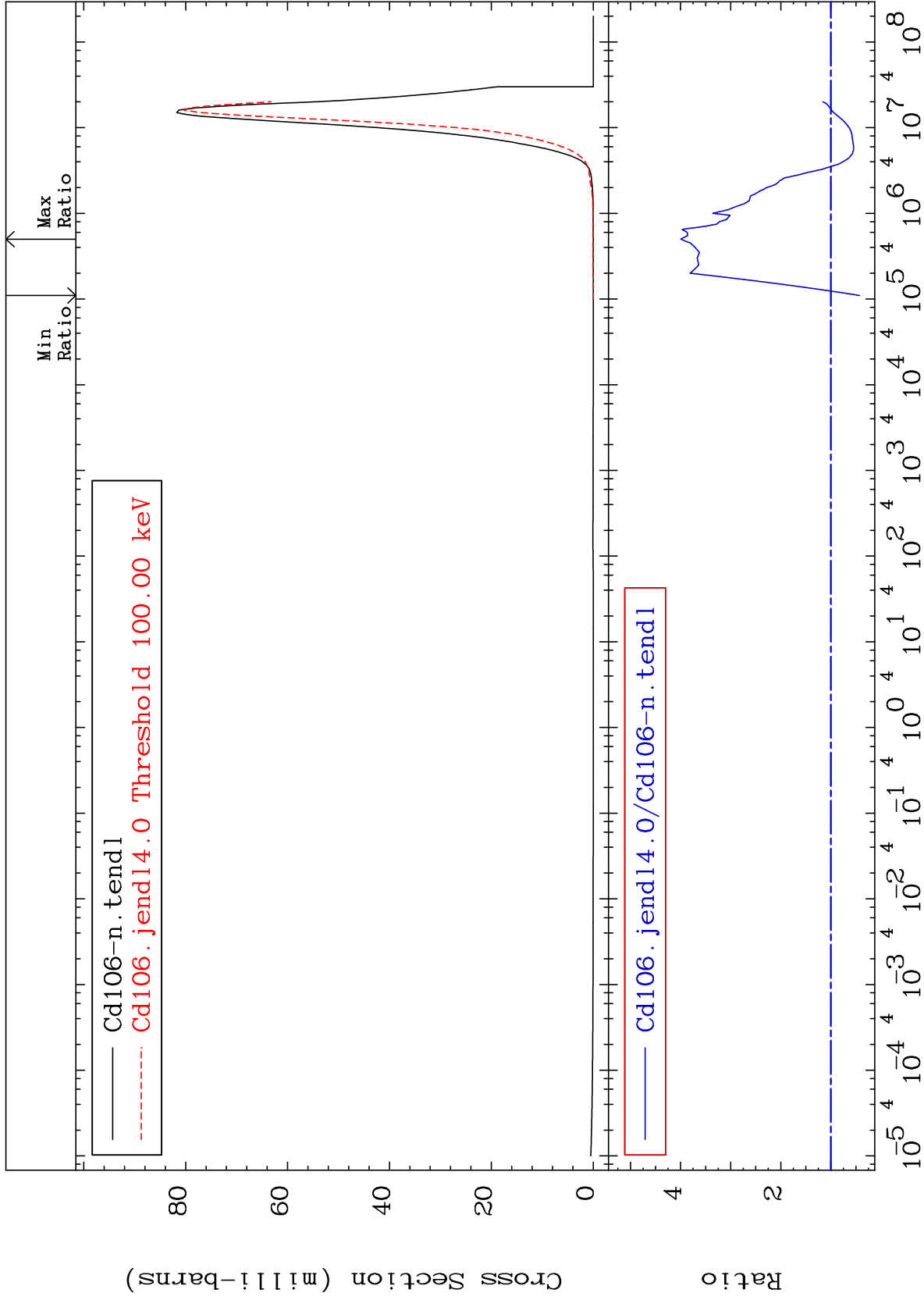
MAT 4825

(n,  $\alpha$ )

Cross Section

48-Cd-106

-57.28 To 299.6 %

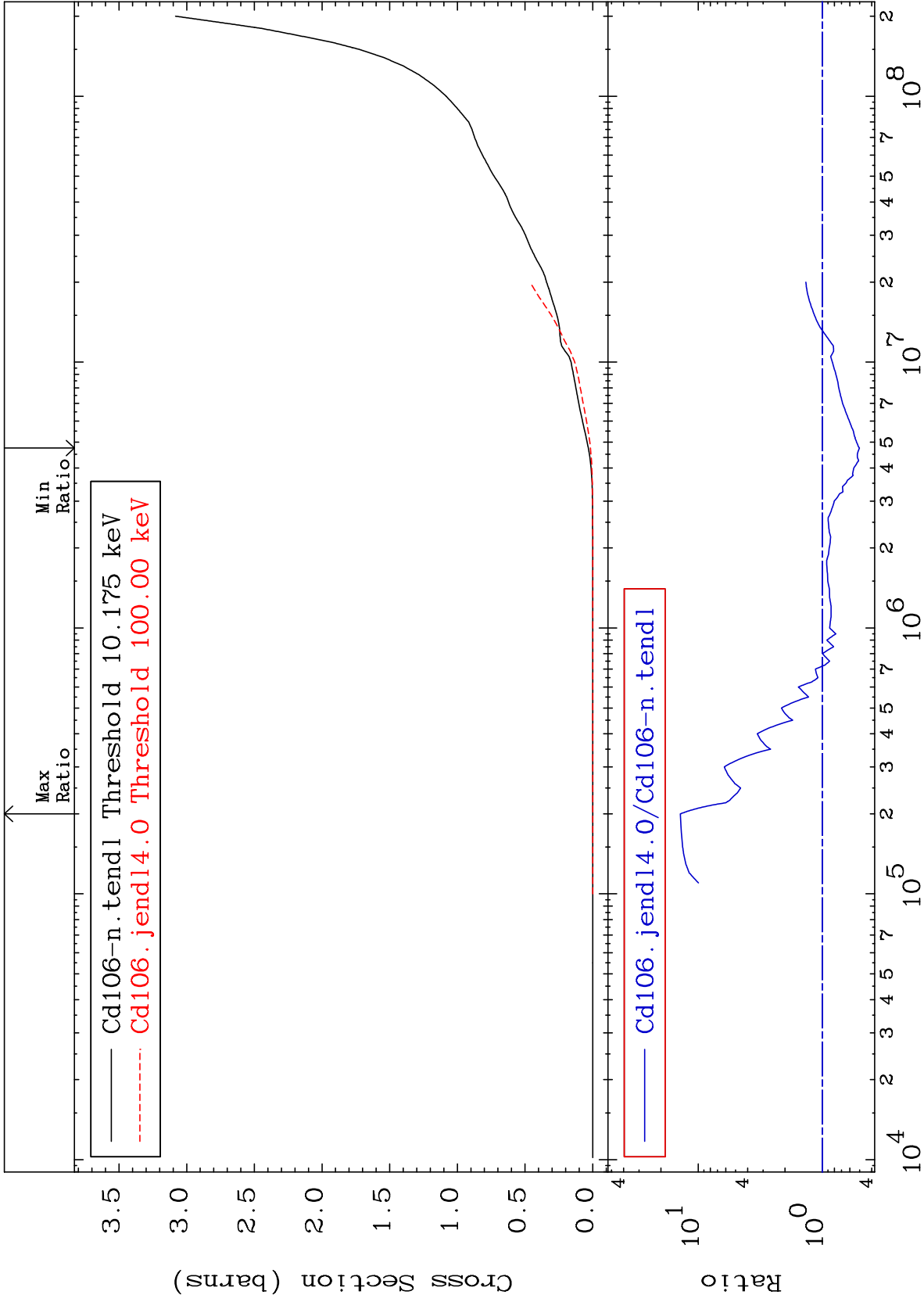


32

Incident Energy (eV)

48-Cd-106

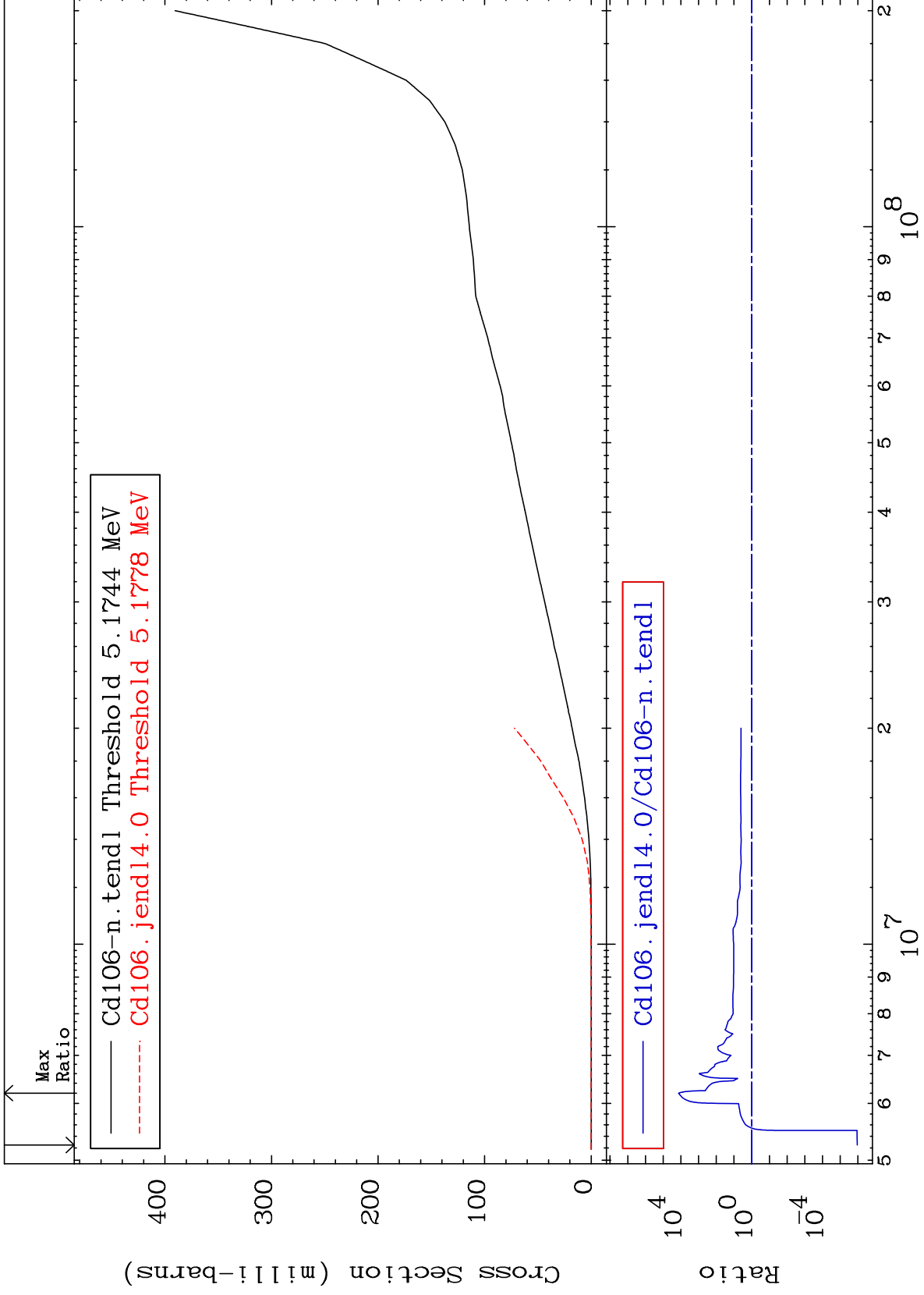




MAT 4825

Deuterium Production  
Cross Section

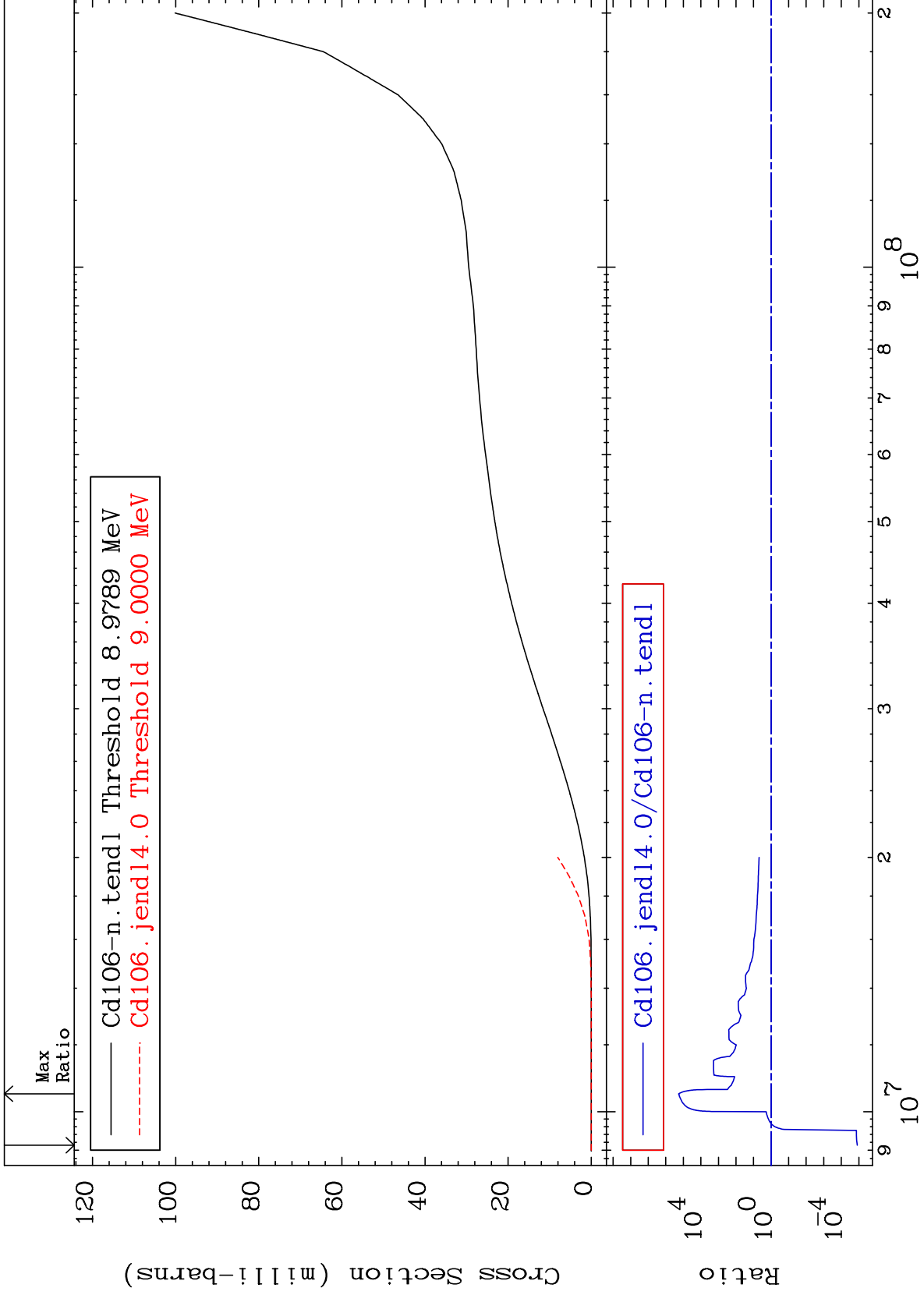
48-Cd-106  
-100.0 To 9999. %



MAT 4825

Tritium Production  
Cross Section

48-Cd-106  
-100.0 To 9999. %



35

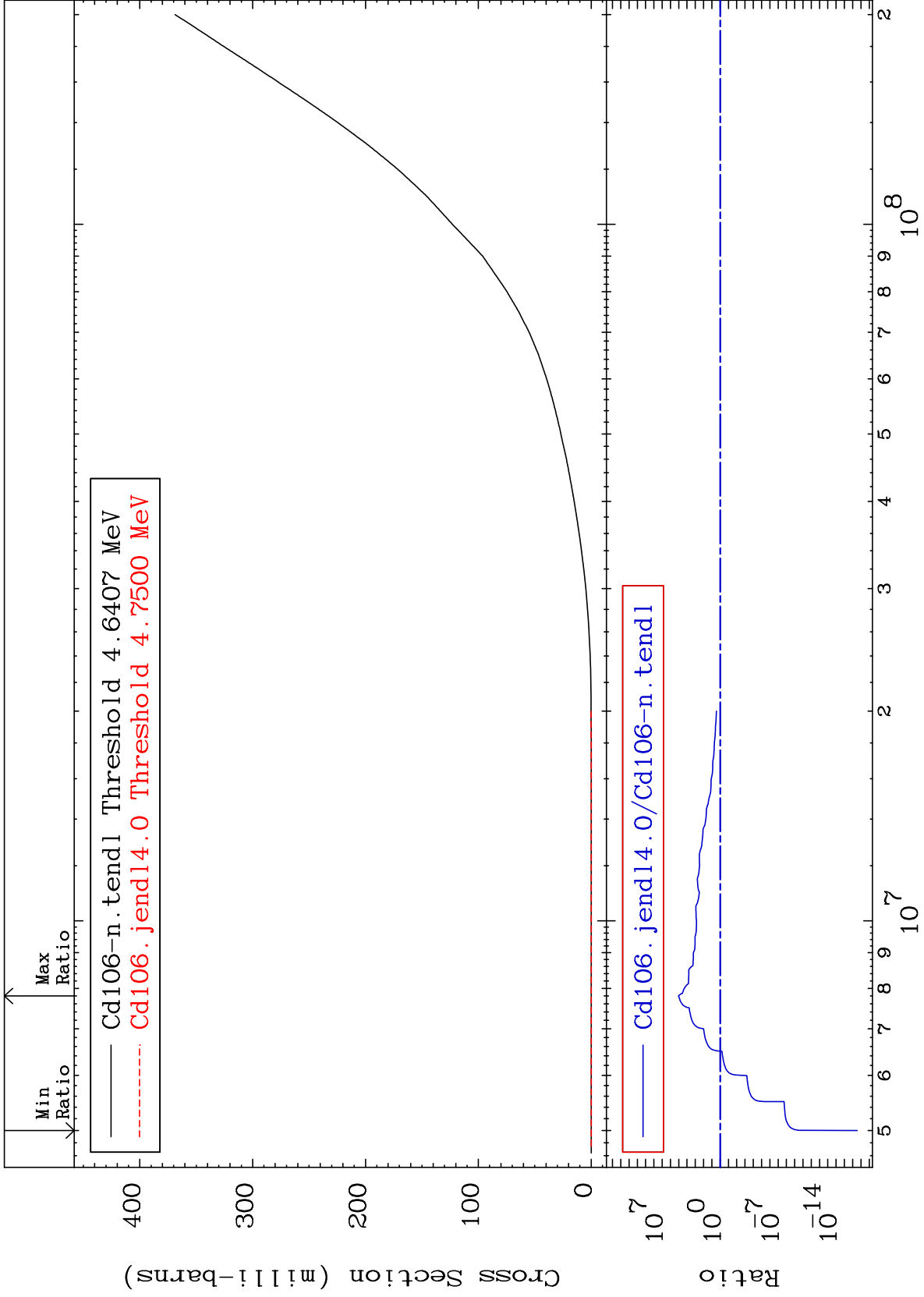
Incident Energy (eV)

48-Cd-106

MAT 4825

He-3 Production  
Cross Section

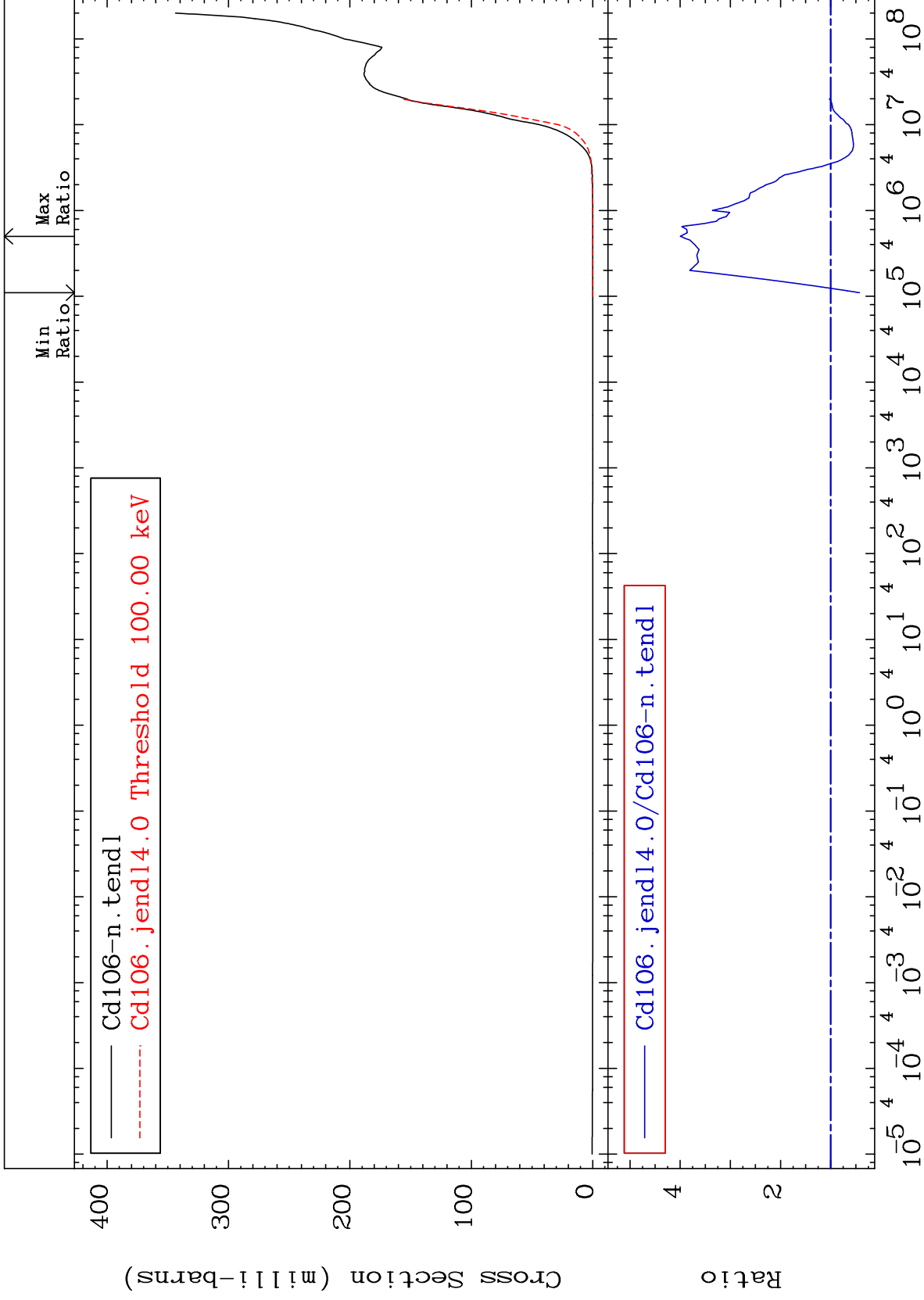
48-Cd-106  
-100.0 To 9999. %



MAT 4825

He-4 Production  
Cross Section

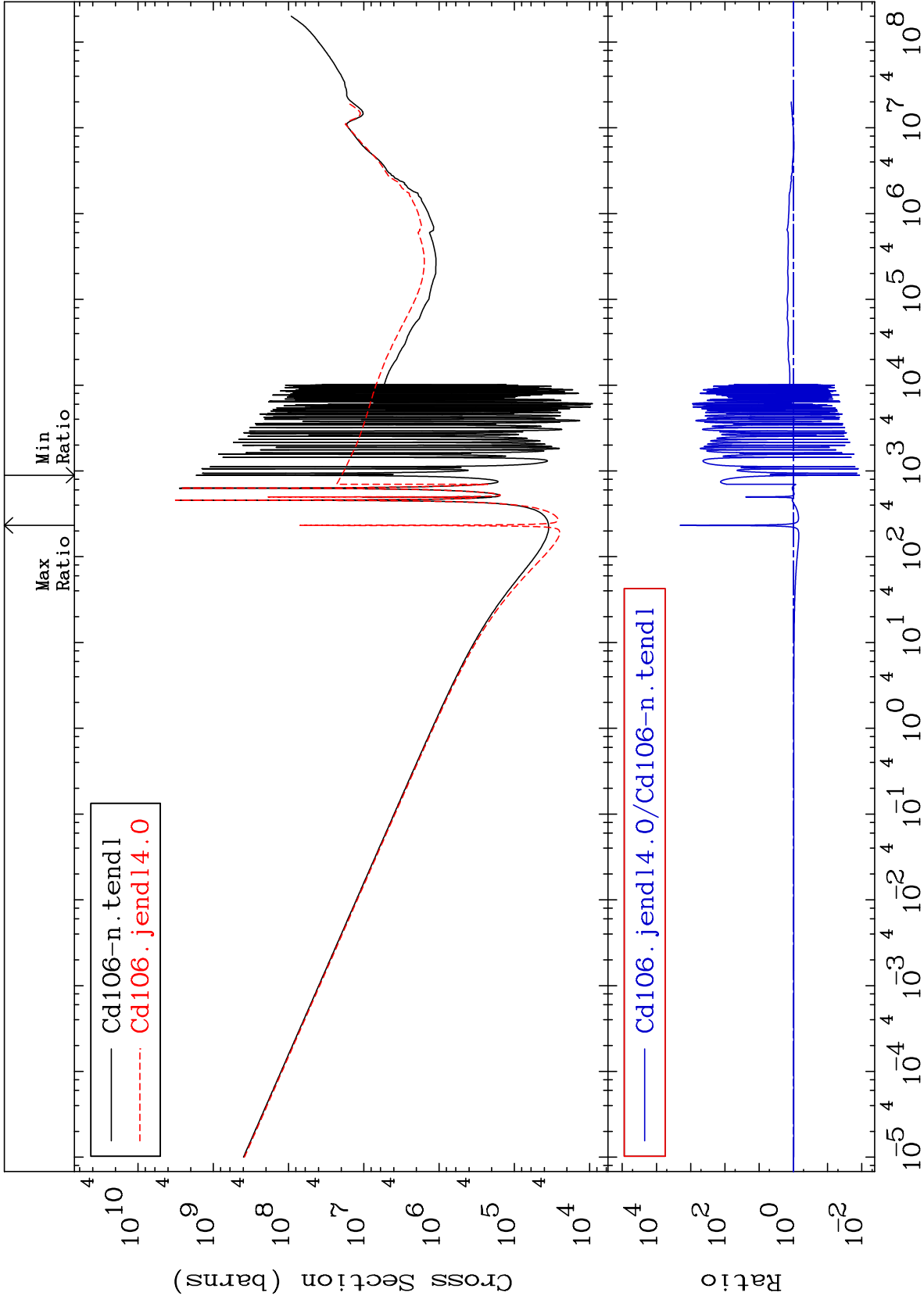
48-Cd-106  
-57.28 To 299.6 %



37

Incident Energy (eV)

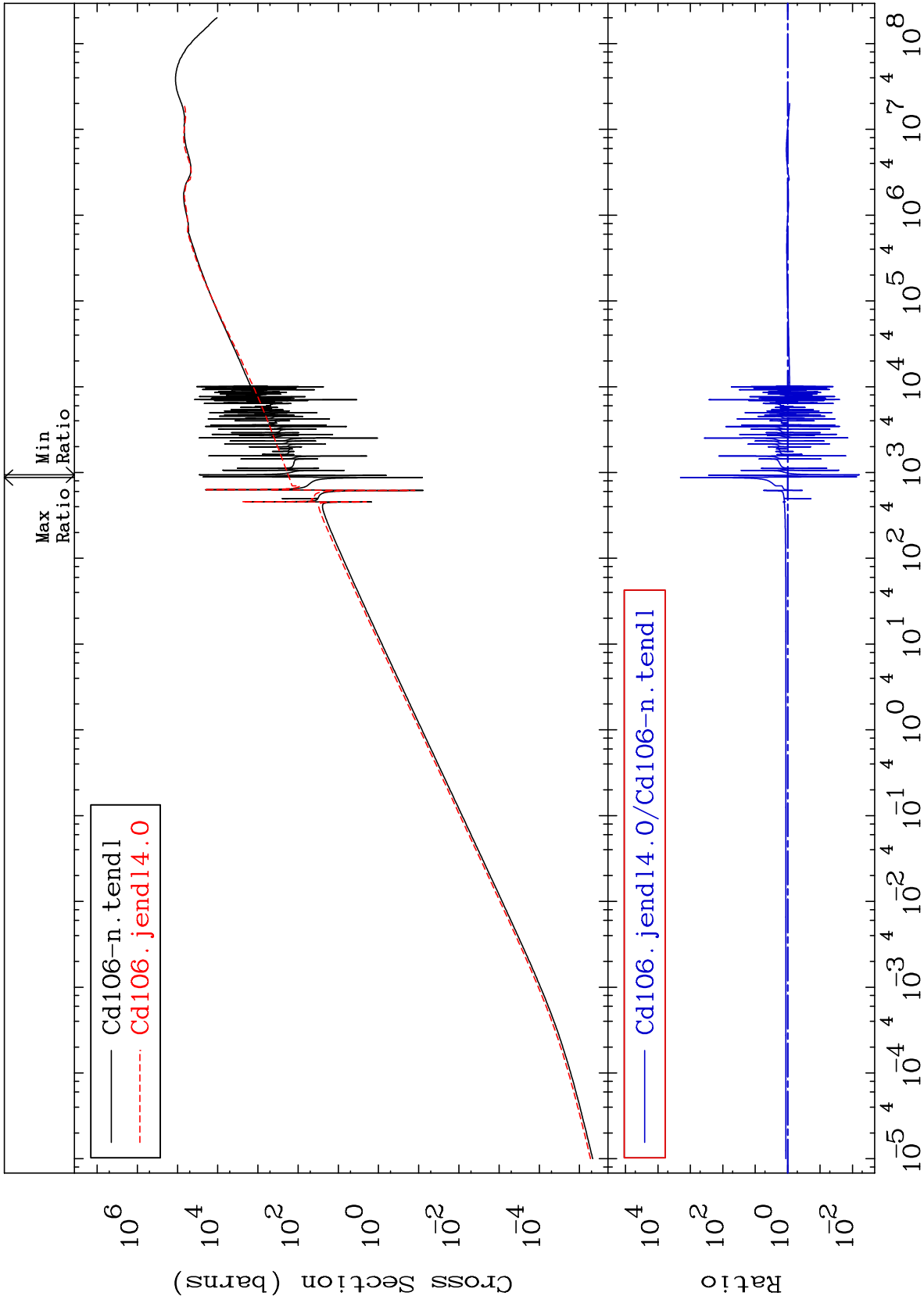
48-Cd-106



MAT 4825

Kerma elastic  
Cross Section

48-Cd-106  
-99.39 To 9999. %



39

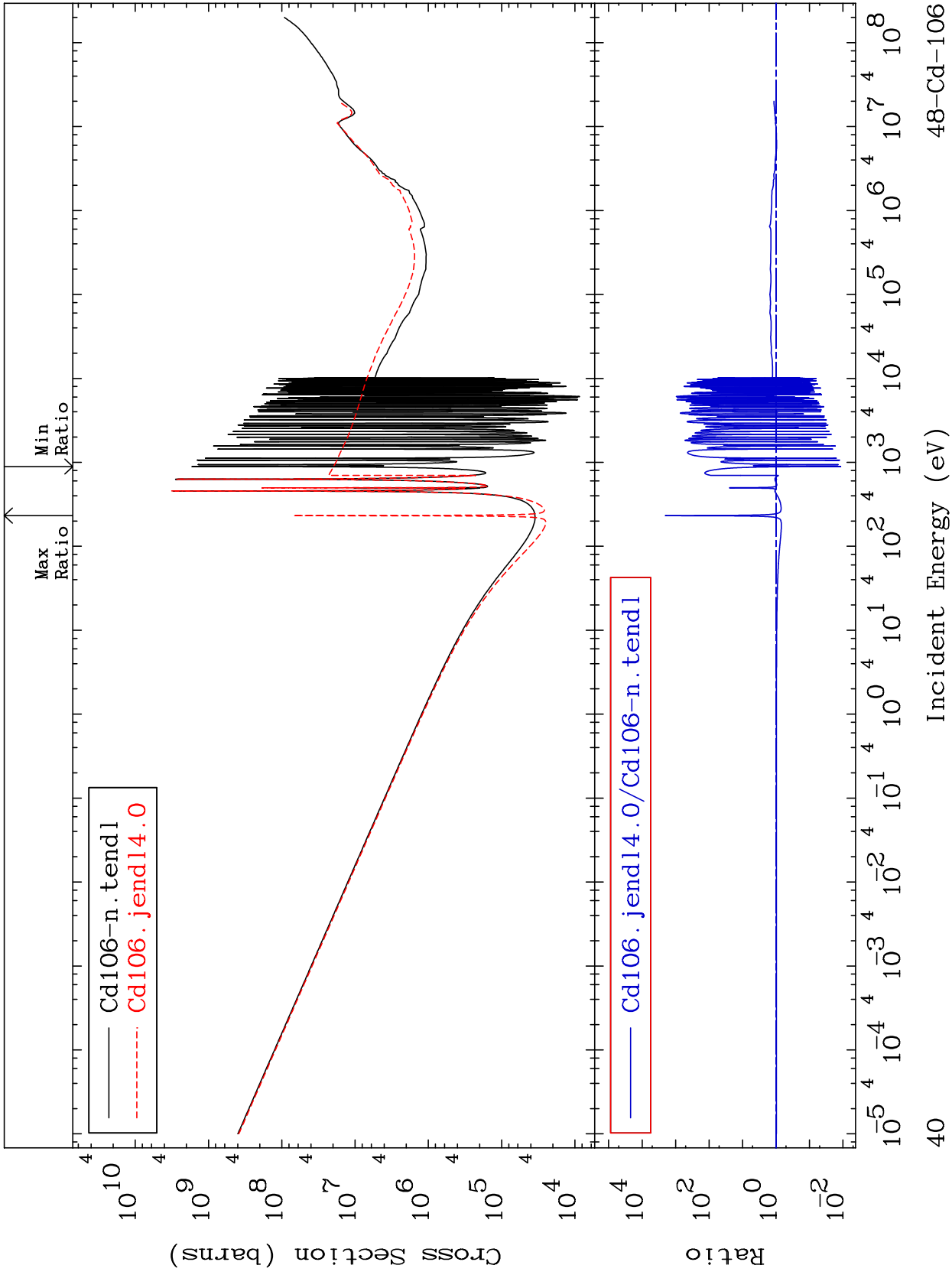
Incident Energy (eV)

48-Cd-106

MAT 4825

Kerma non-elastic (all but mt2)  
Cross Section

48-Cd-106  
-98.83 To 9999. %

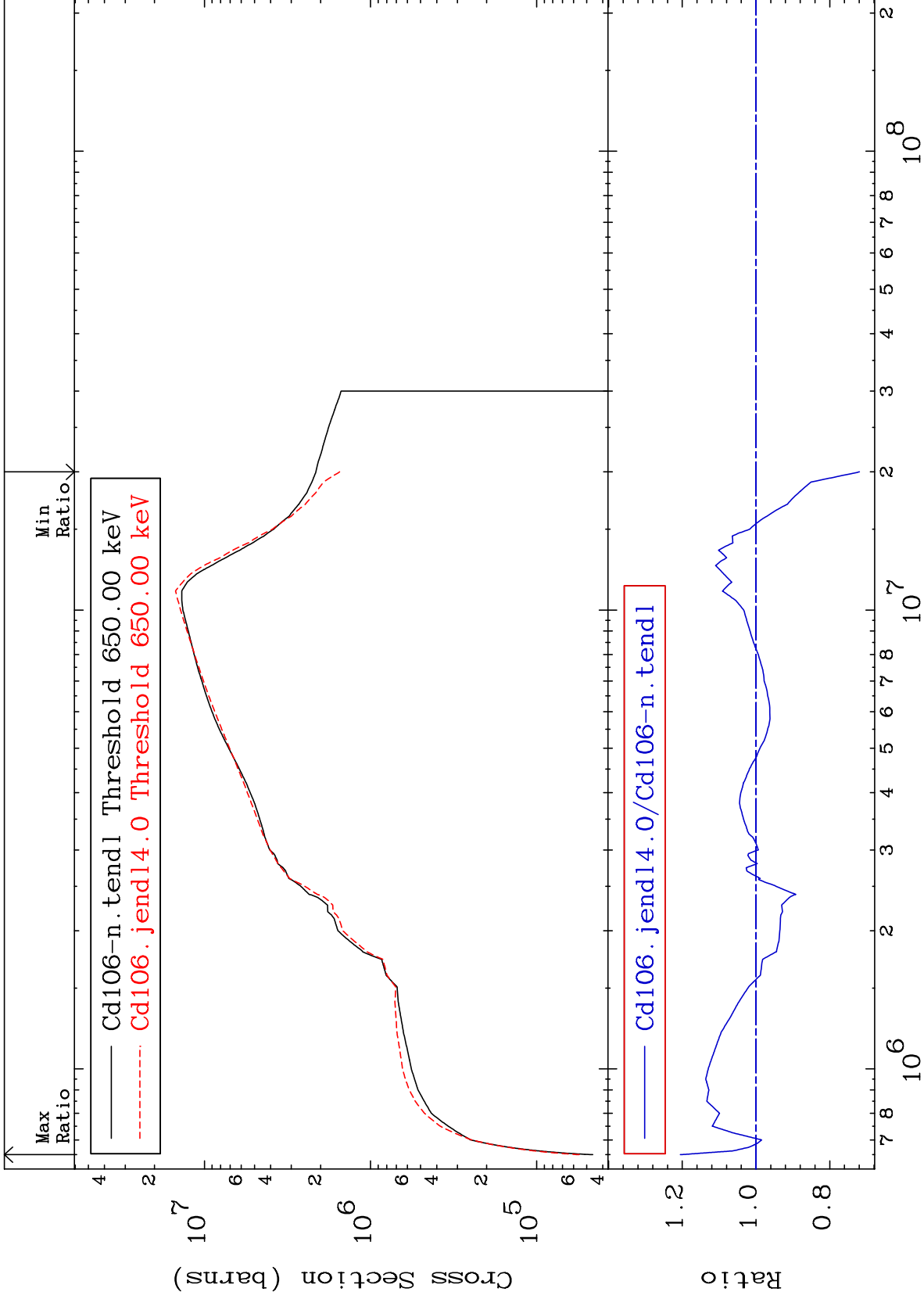


40

Incident Energy (eV)

48-Cd-106

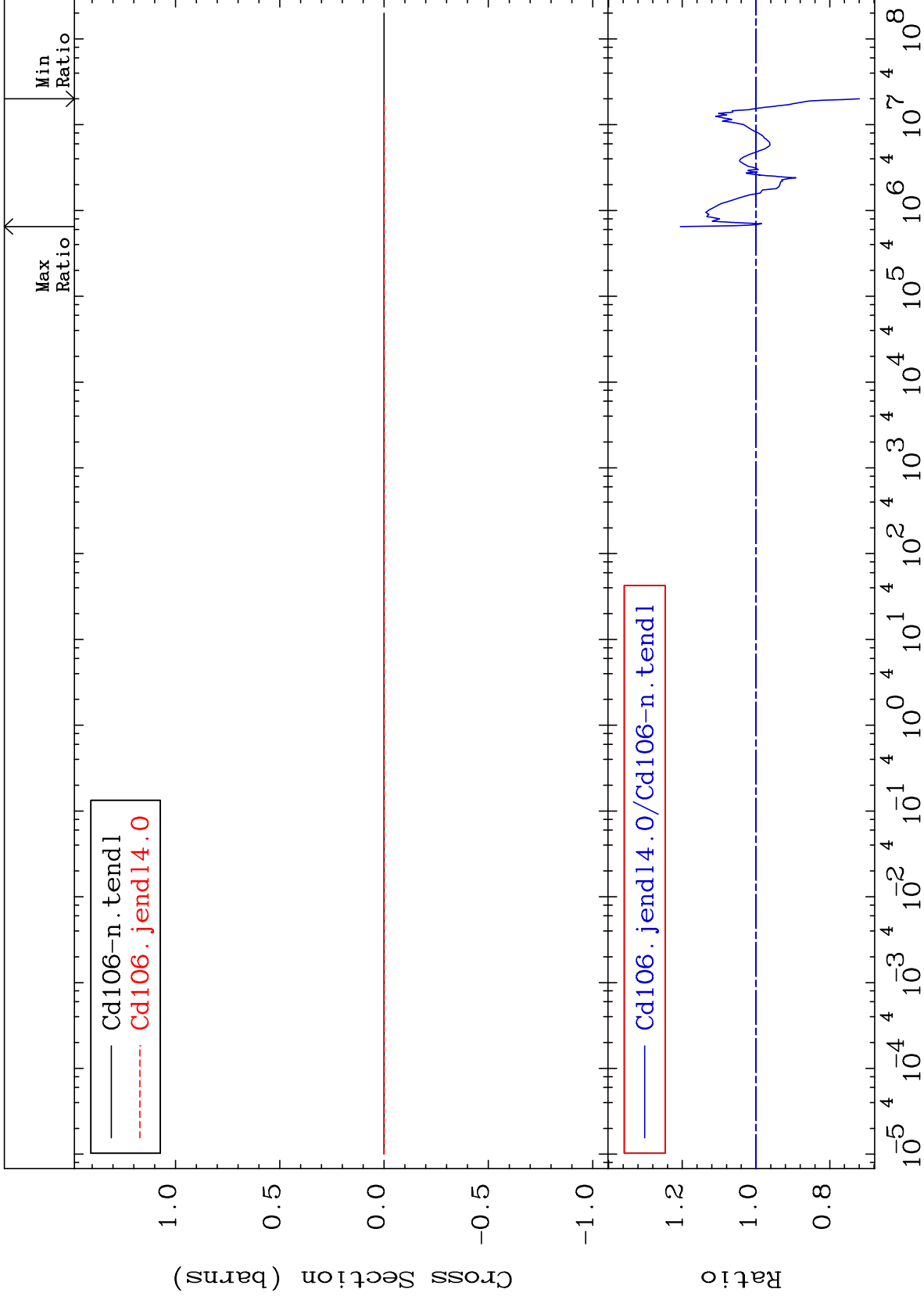




MAT 4825

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

48-Cd-106  
-28.05 To 20.51 %



42

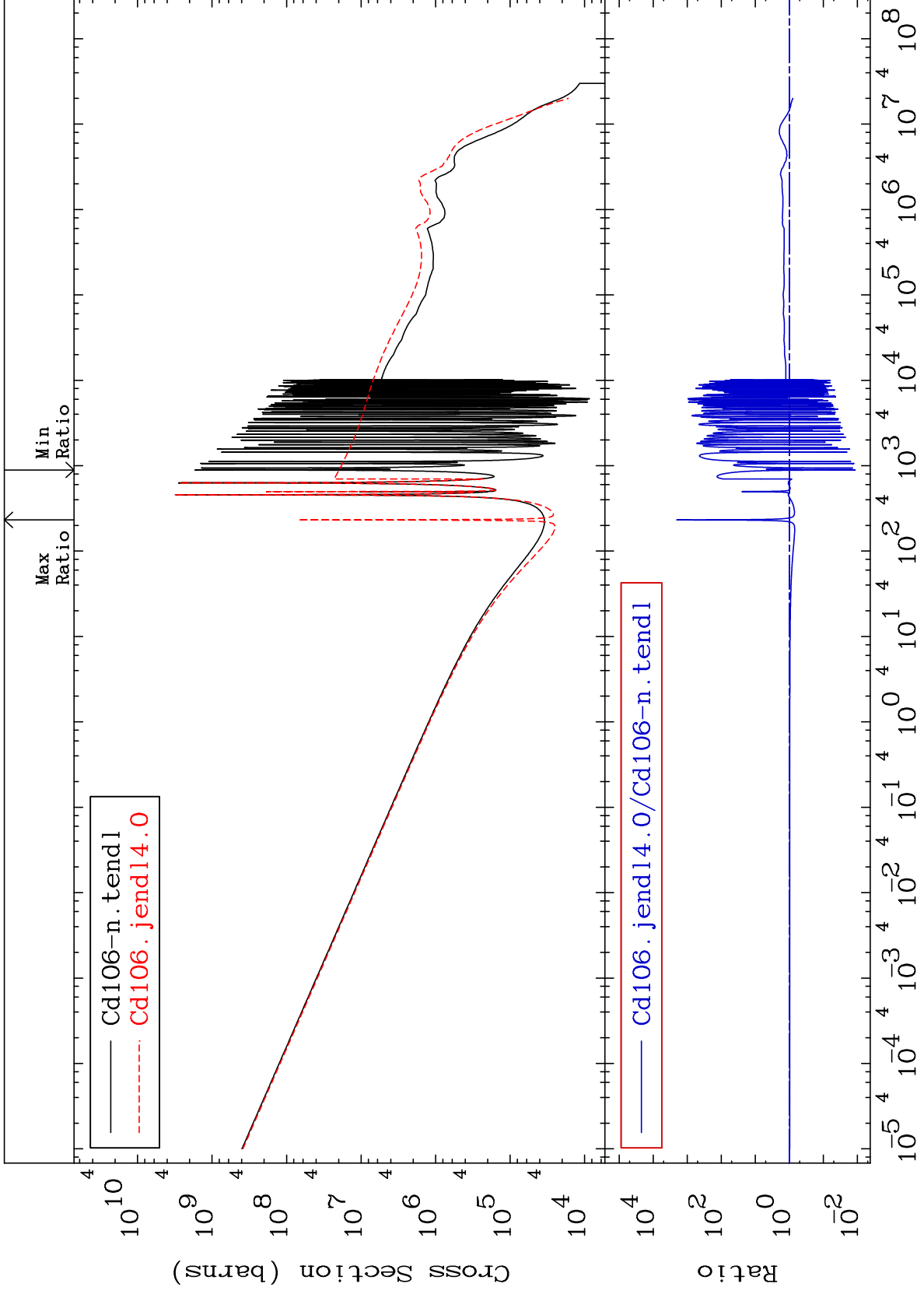
Incident Energy (eV)

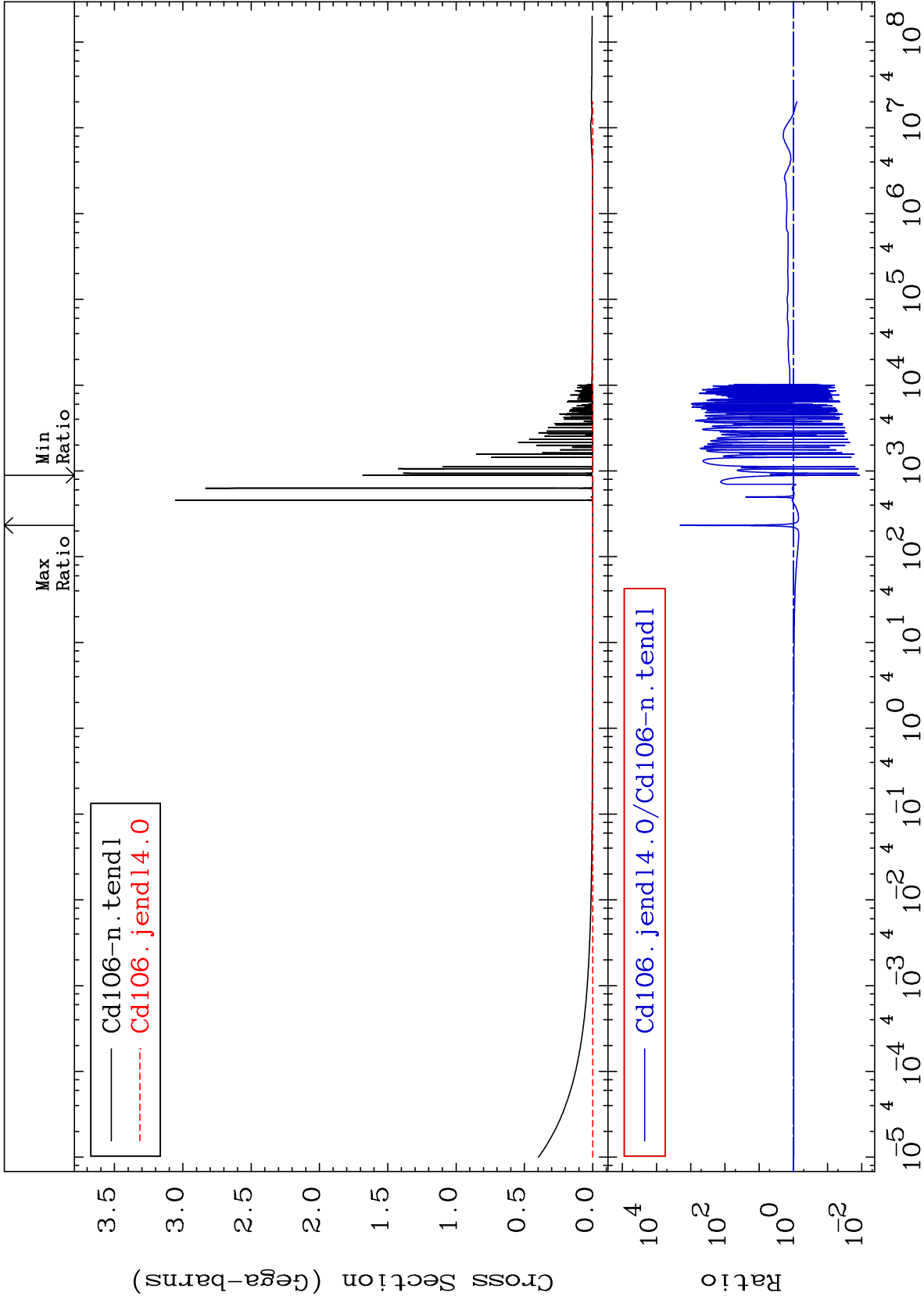
48-Cd-106

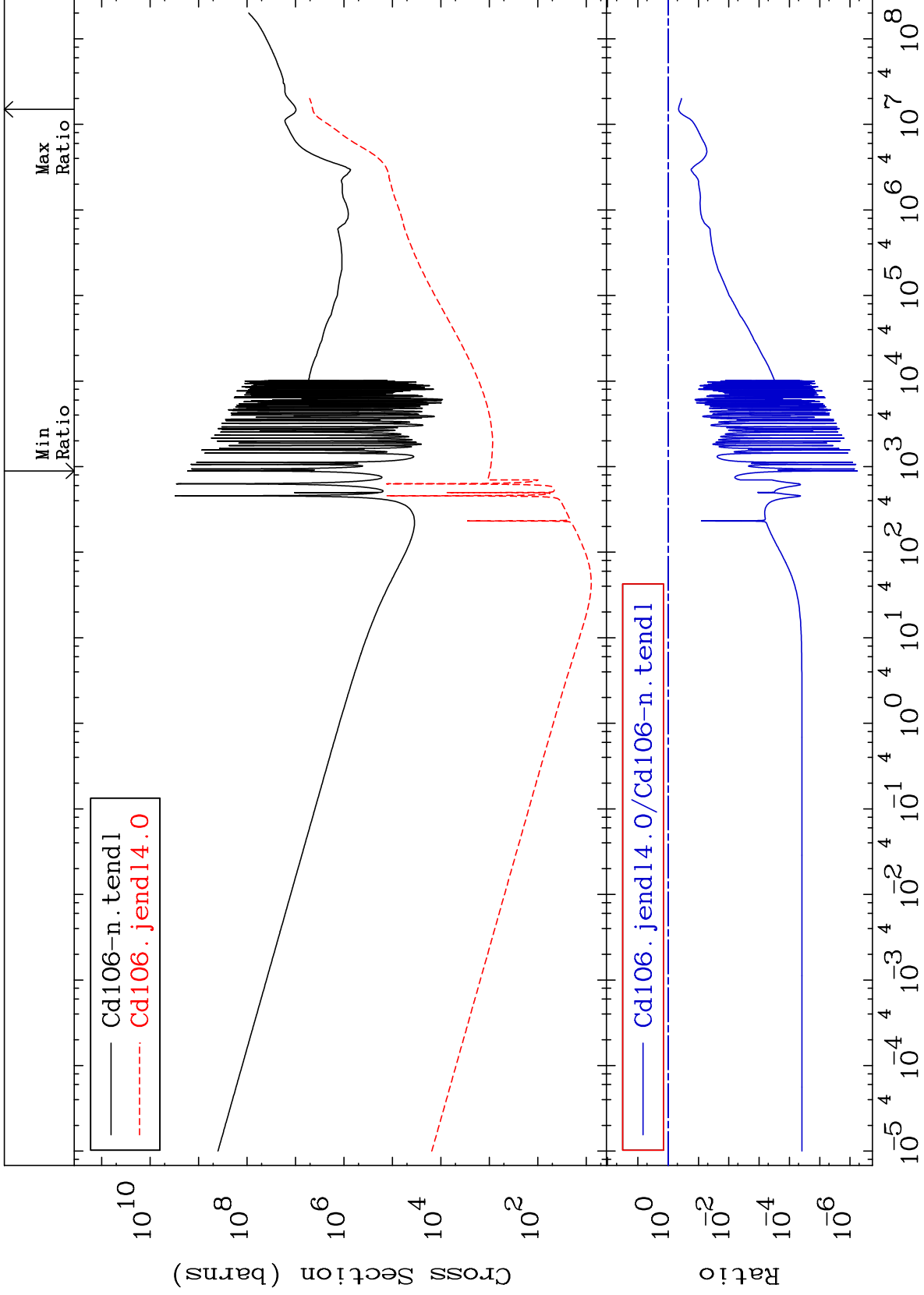
MAT 4825

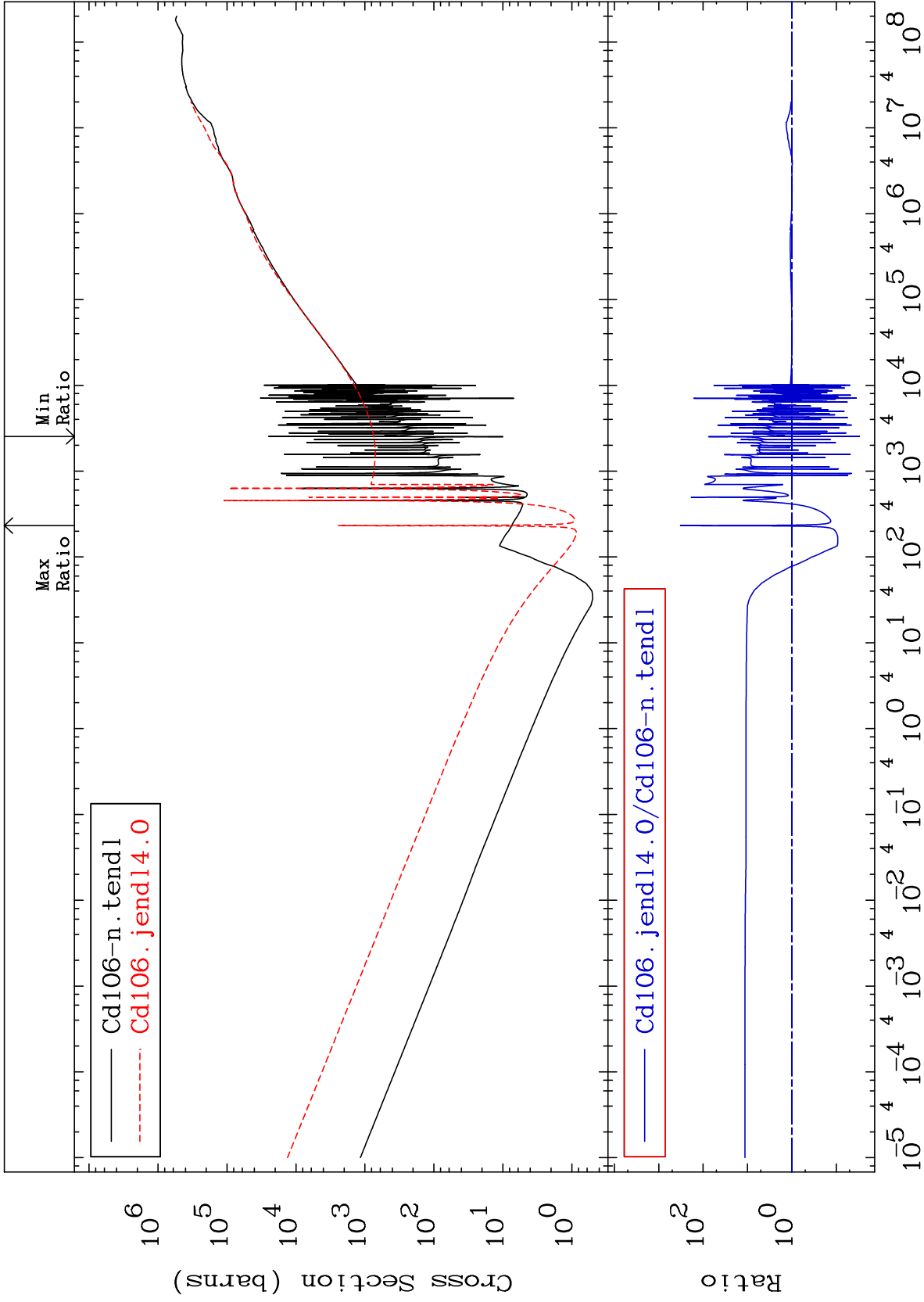
Kerma capture (mt102)  
Cross Section

48-Cd-106  
-98.83 To 9999. %





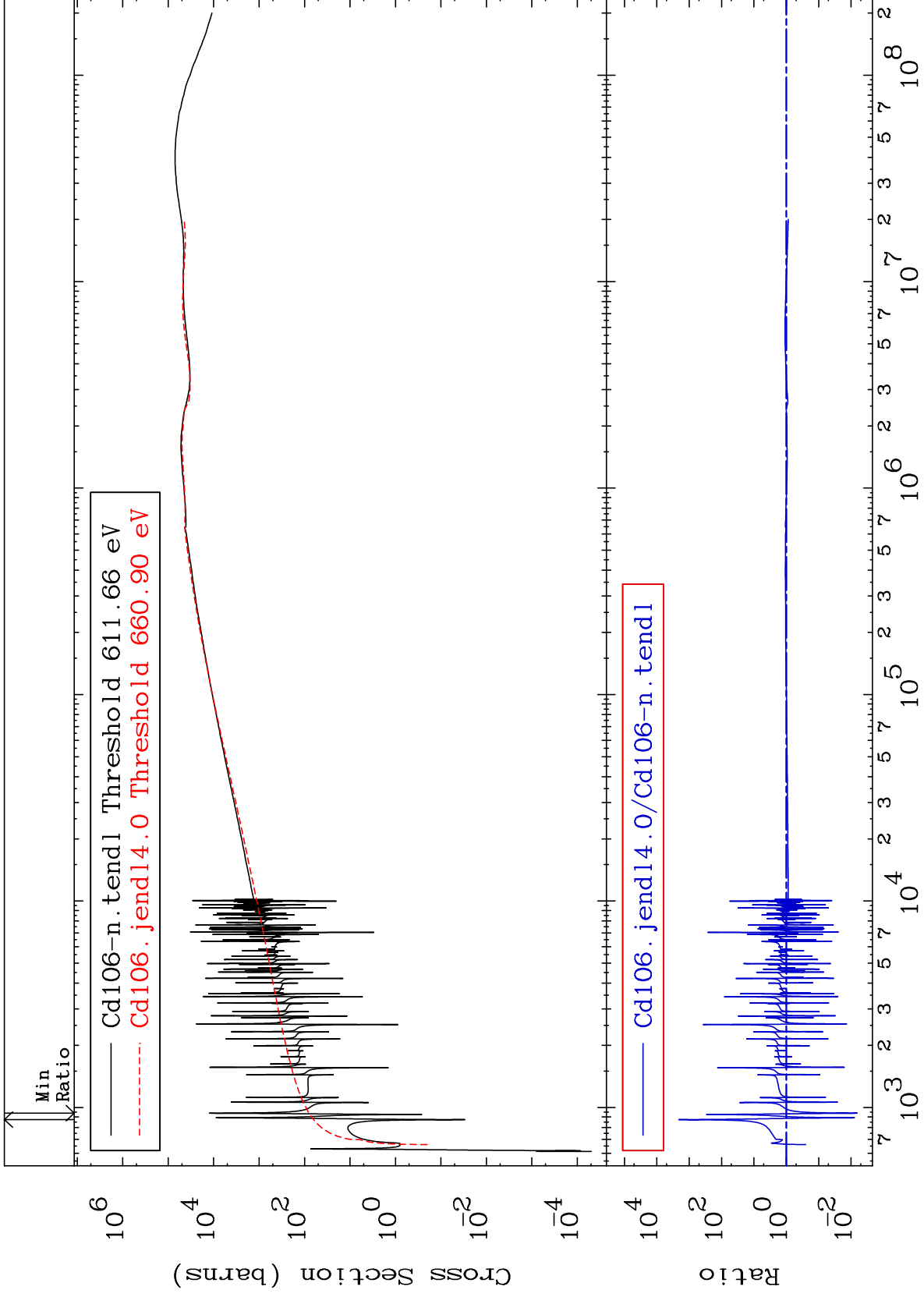




MAT 4825

Dpa elastic (mt2)  
Cross Section

48-Cd-106  
-99.36 To 9999. %



47

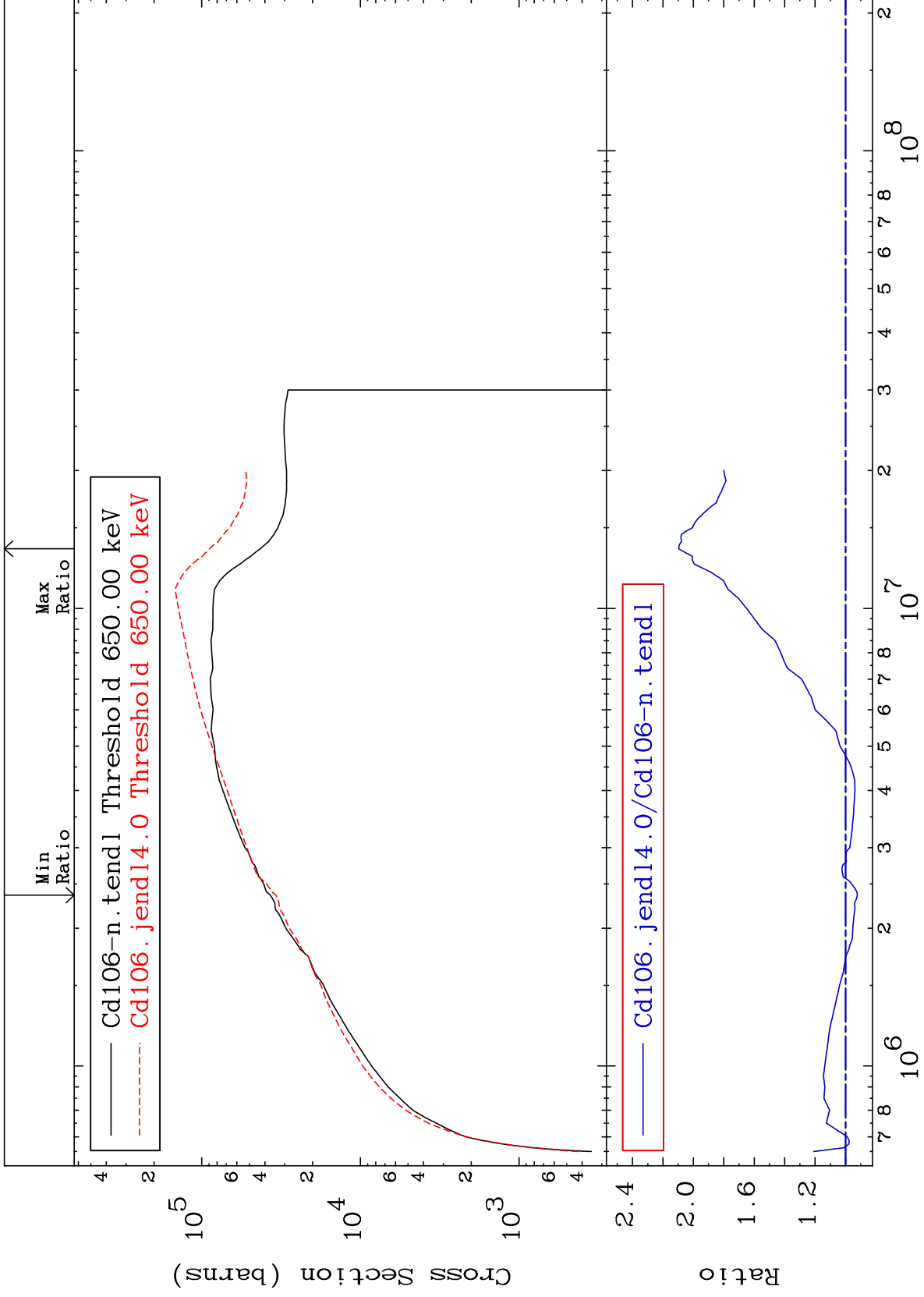
Incident Energy (eV)

48-Cd-106

MAT 4825

Dpa inelastic (mt51-91)  
Cross Section

48-Cd-106  
-7.702 To 109.7 %



48

Incident Energy (eV)

48-Cd-106



