

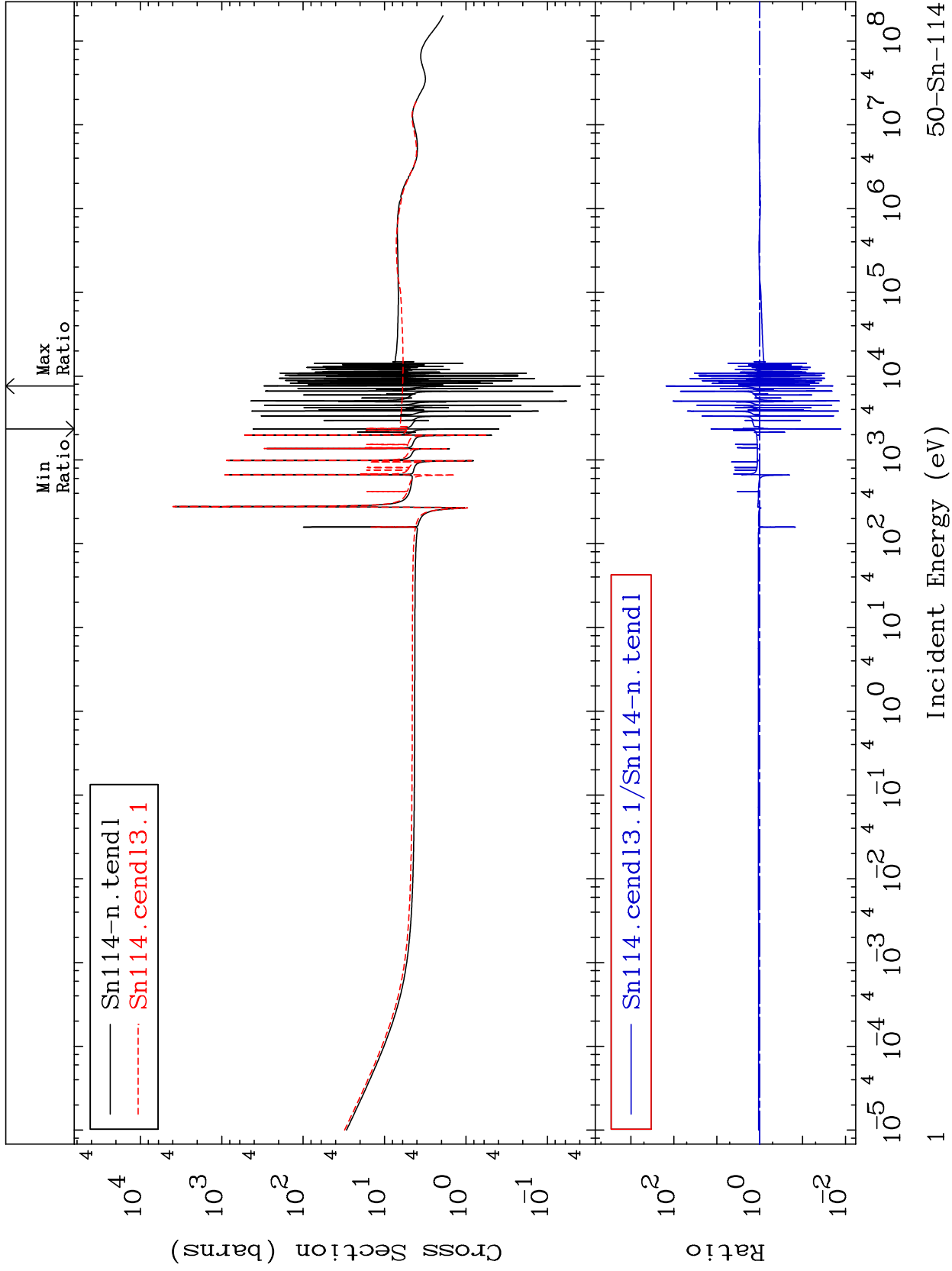
MAT 5031

Total

50-Sn-114

Cross Section

-98.72 To 9999. %

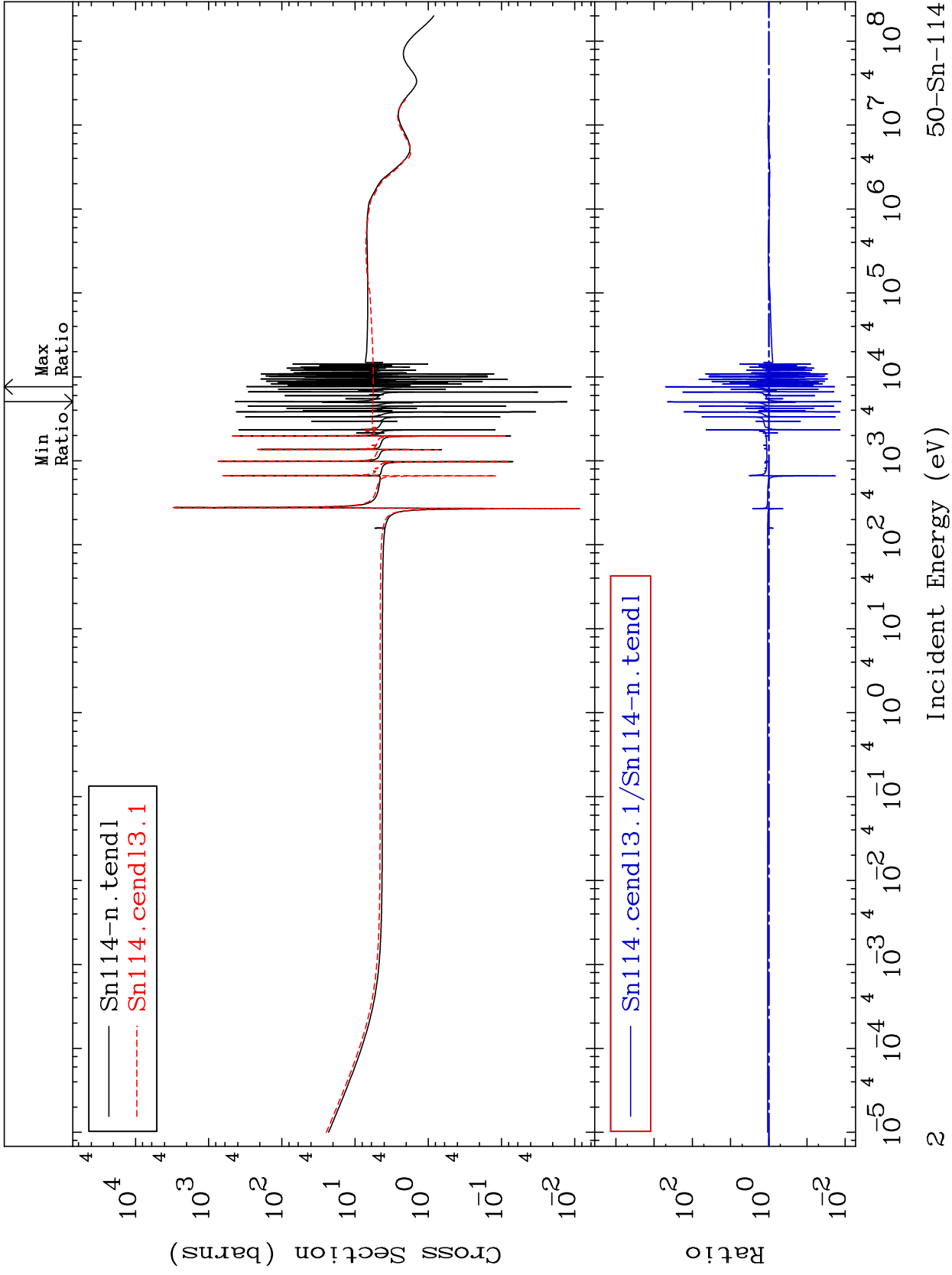


50-Sn-114

MAT 5031

Elastic
Cross Section

50-Sn-114
-98.68 To 9999. %

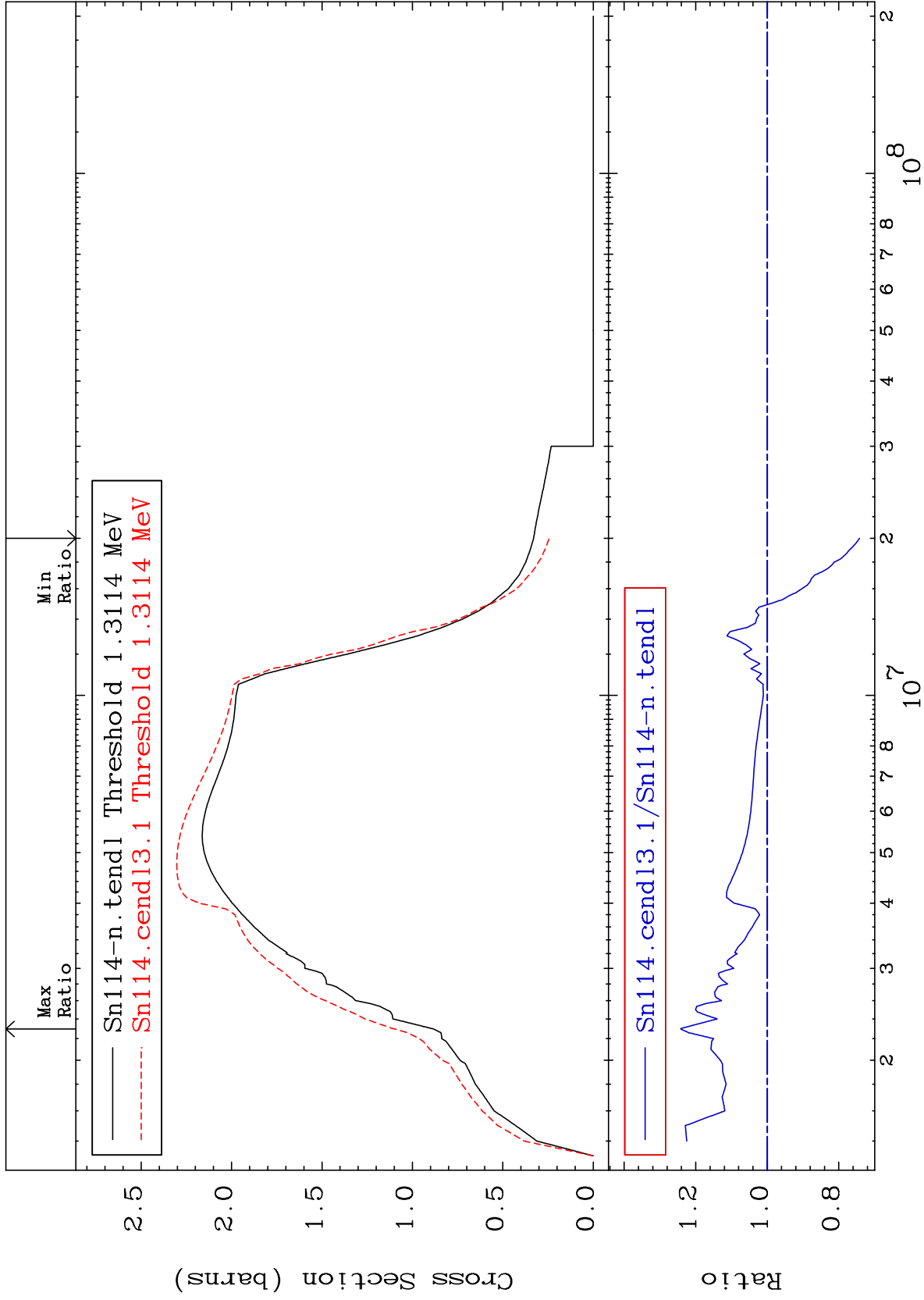


50-Sn-114

Incident Energy (eV)

2

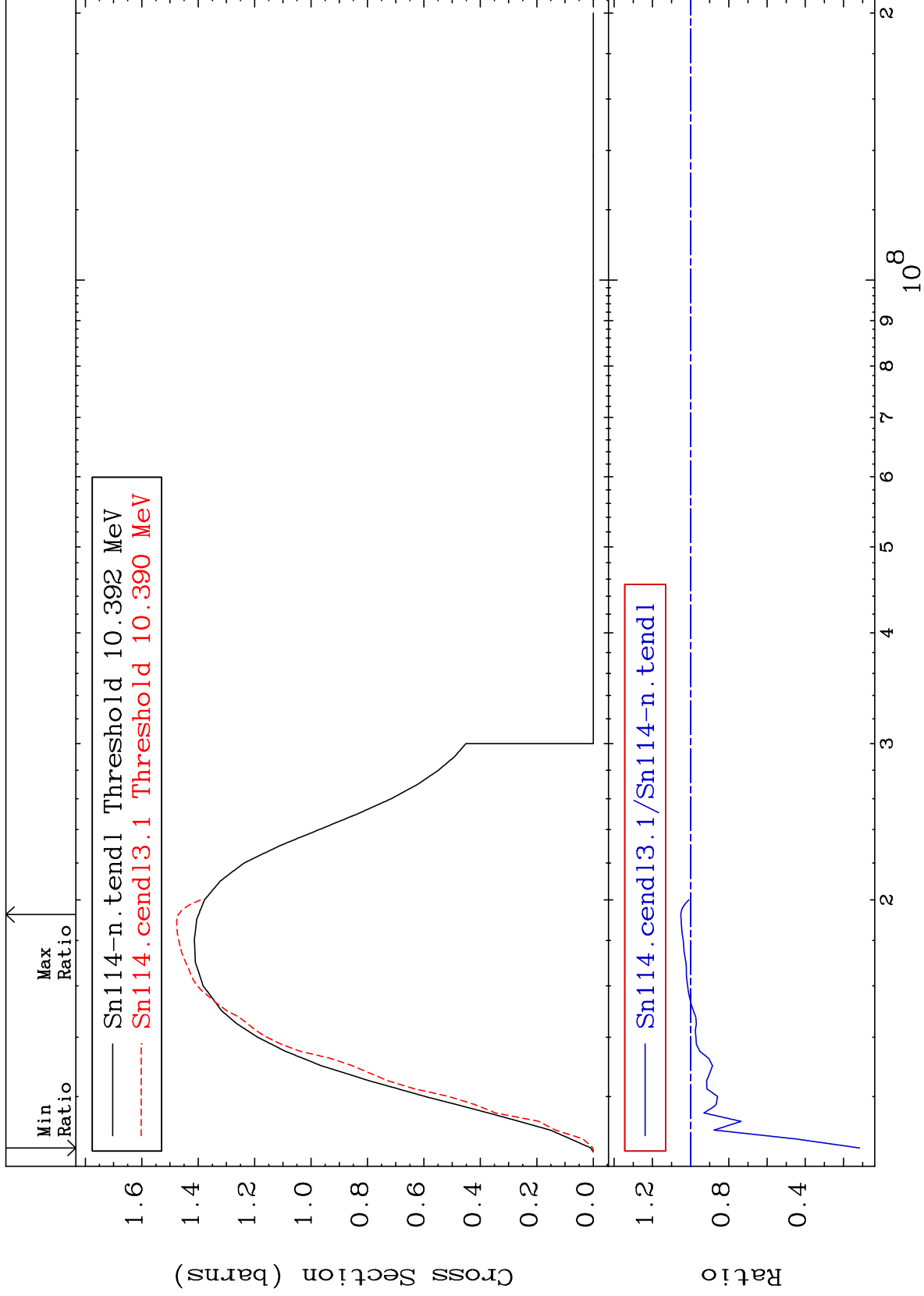
MAT 5031 Inelastic Cross Section 50-Sn-114 -25.79 To 24.18 %



MAT 5031

(n,2n)
Cross Section

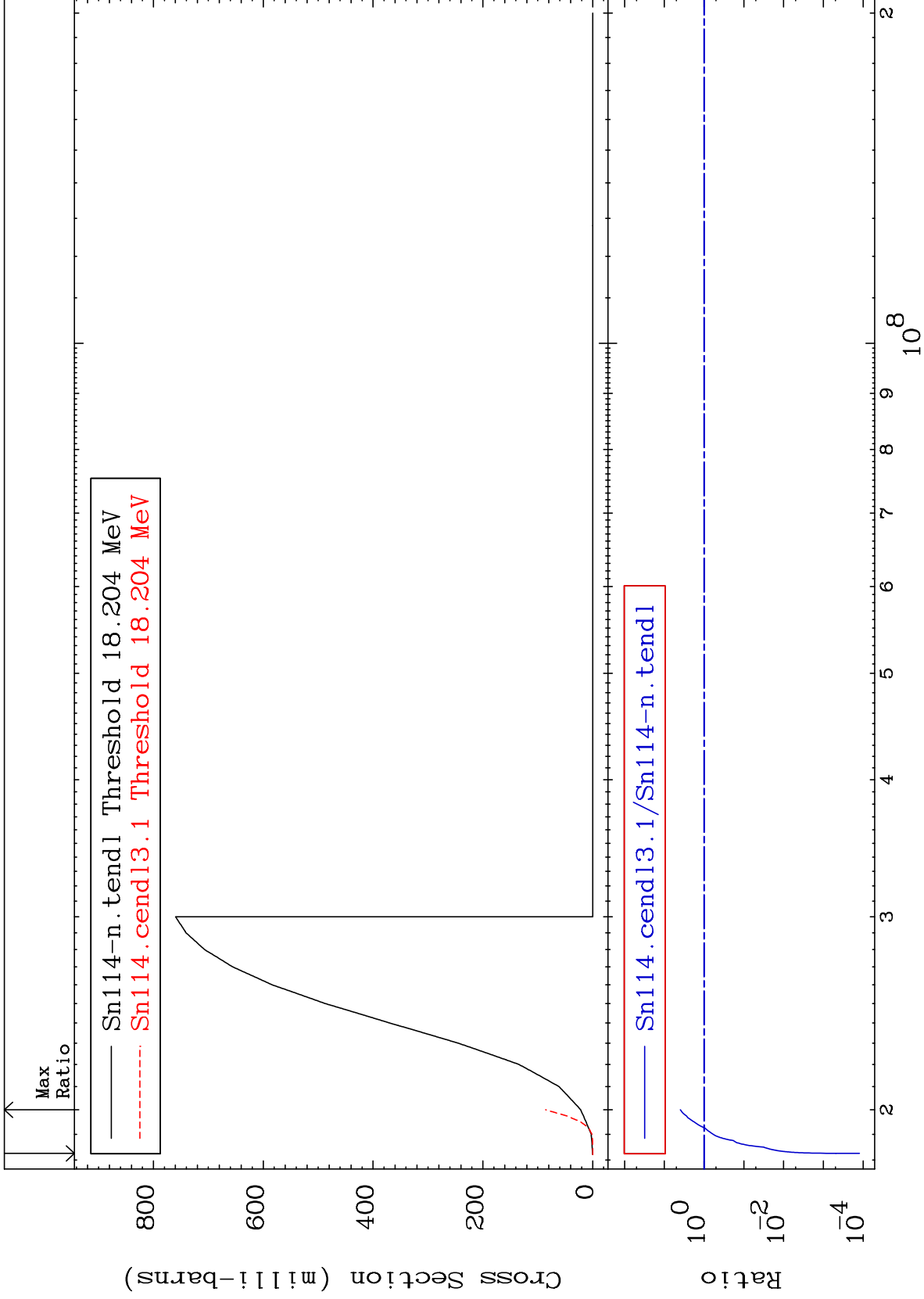
50-Sn-114
-88.38 To 5.158 %



MAT 5031

(n,3n)
Cross Section

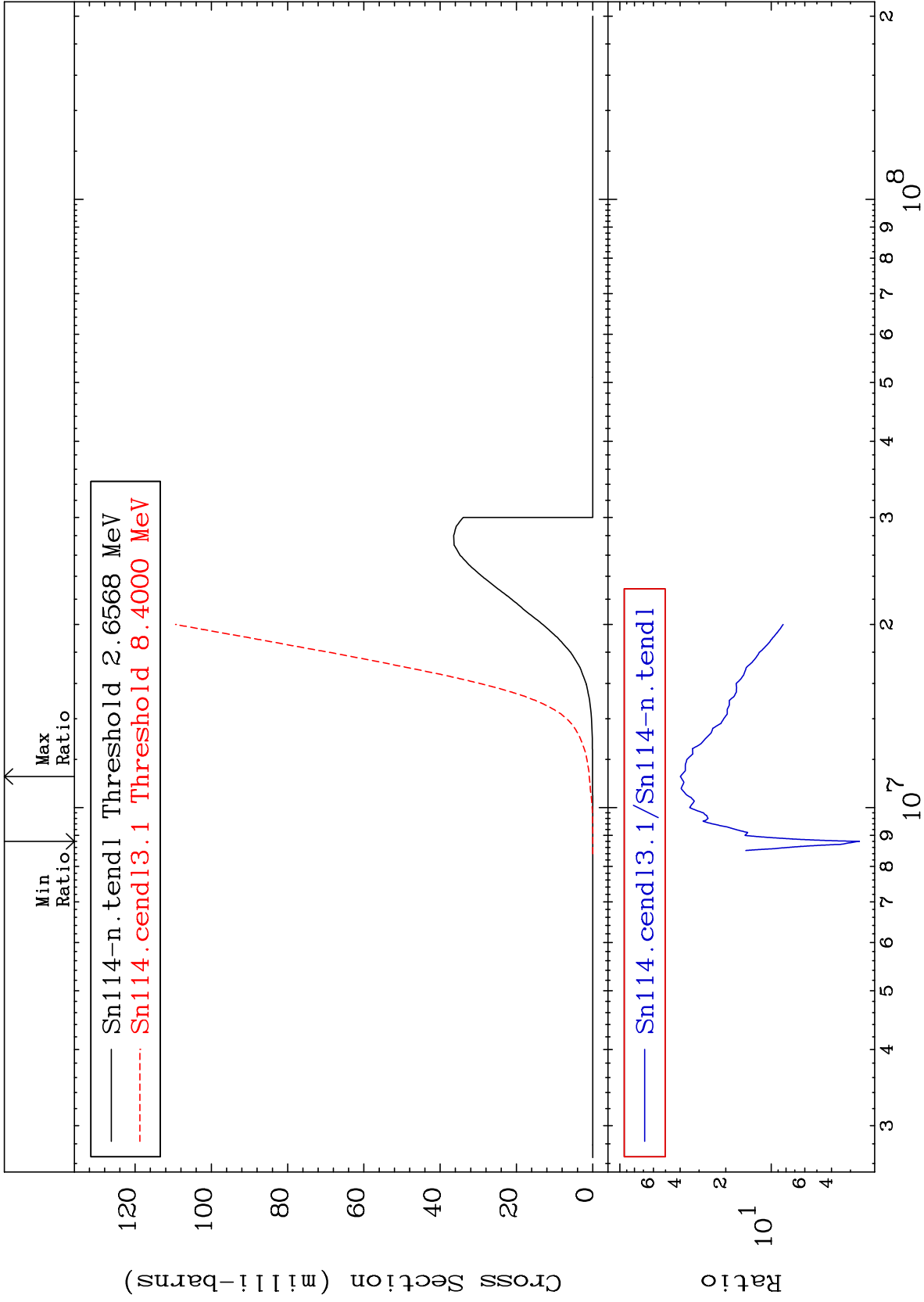
50-Sn-114
-99.99 To 294.7 %



MAT 5031

(n, n') α
Cross Section

50-Sn-114
161.6 To 3885. %



6

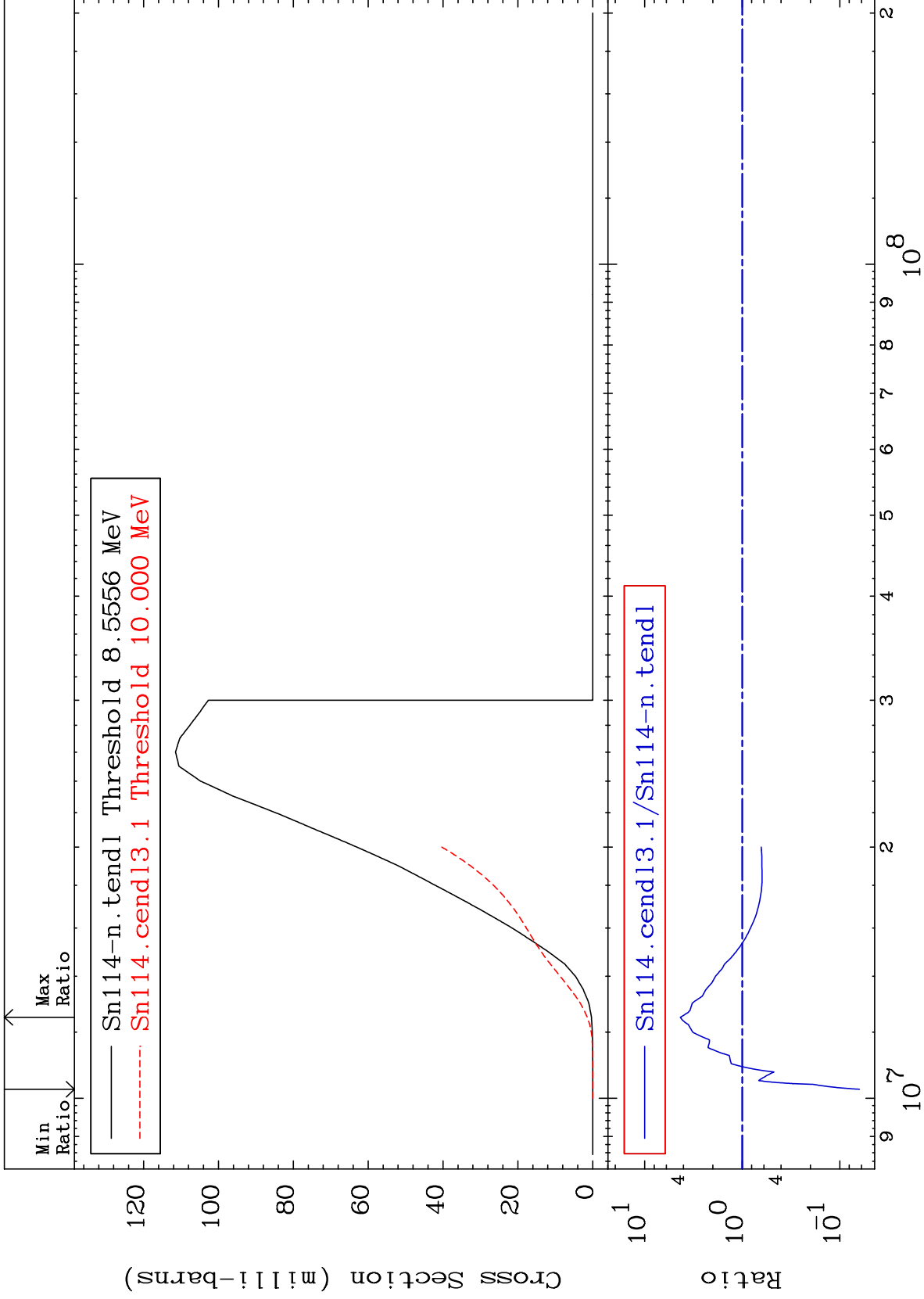
50-Sn-114

50-Sn-114

MAT 5031

(n,n') p
Cross Section

50-Sn-114
-93.70 To 331.0 %



7

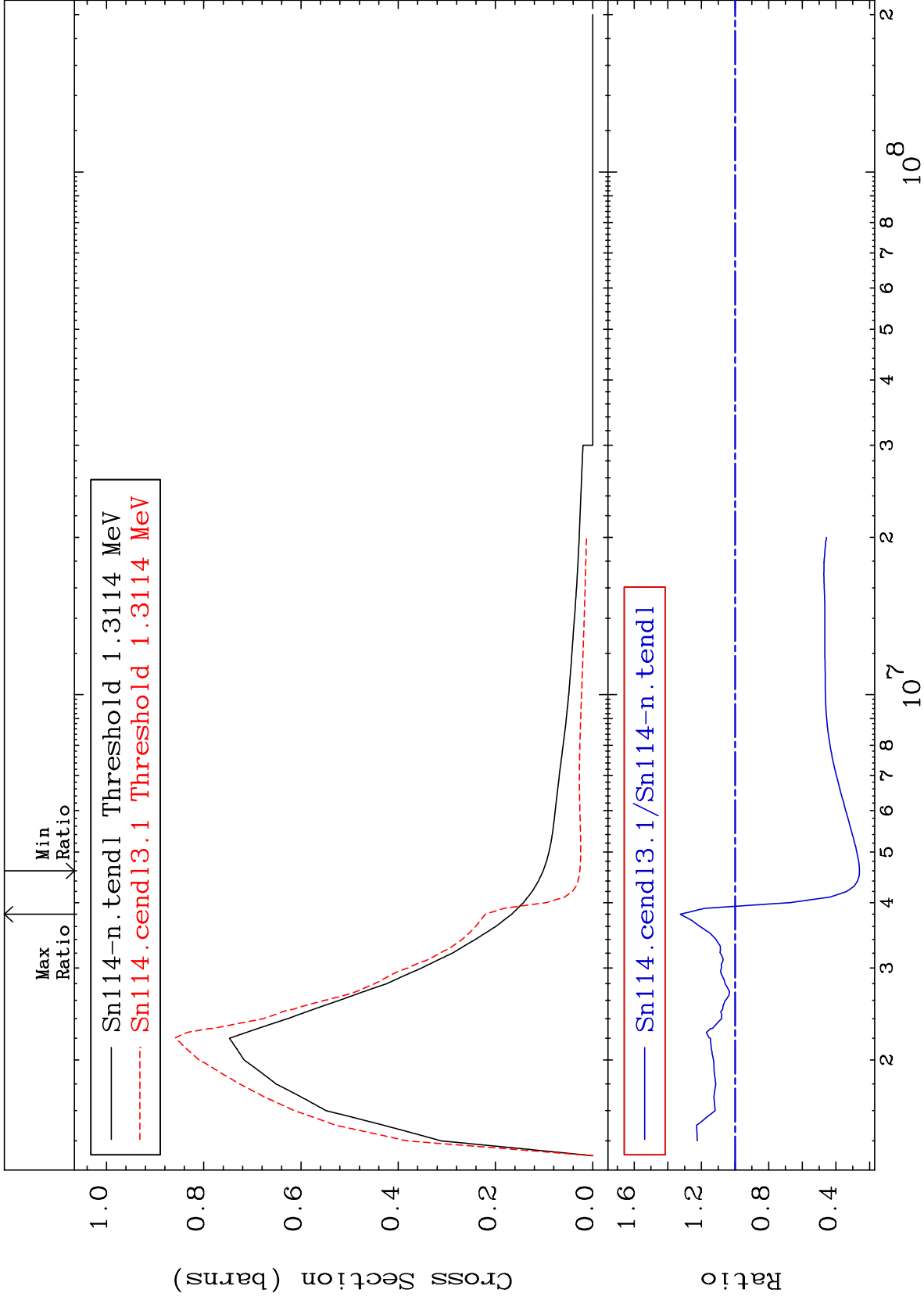
Incident Energy (eV)

50-Sn-114

MAT 5031

1.300 MeV (n,n') Level
Cross Section

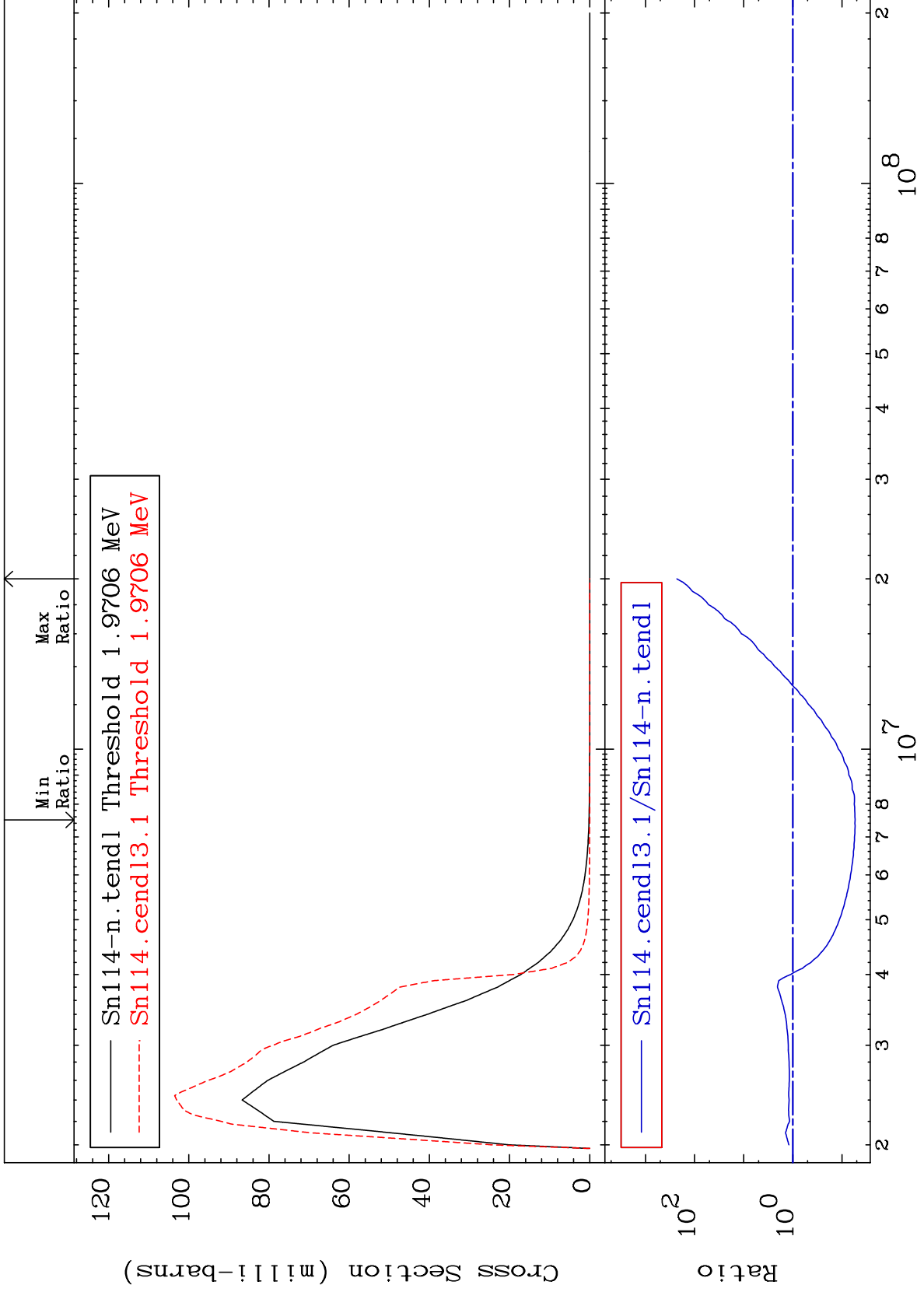
50-Sn-114
-73.98 To 32.54 %



MAT 5031

1.953 MeV (n,n') Level
Cross Section

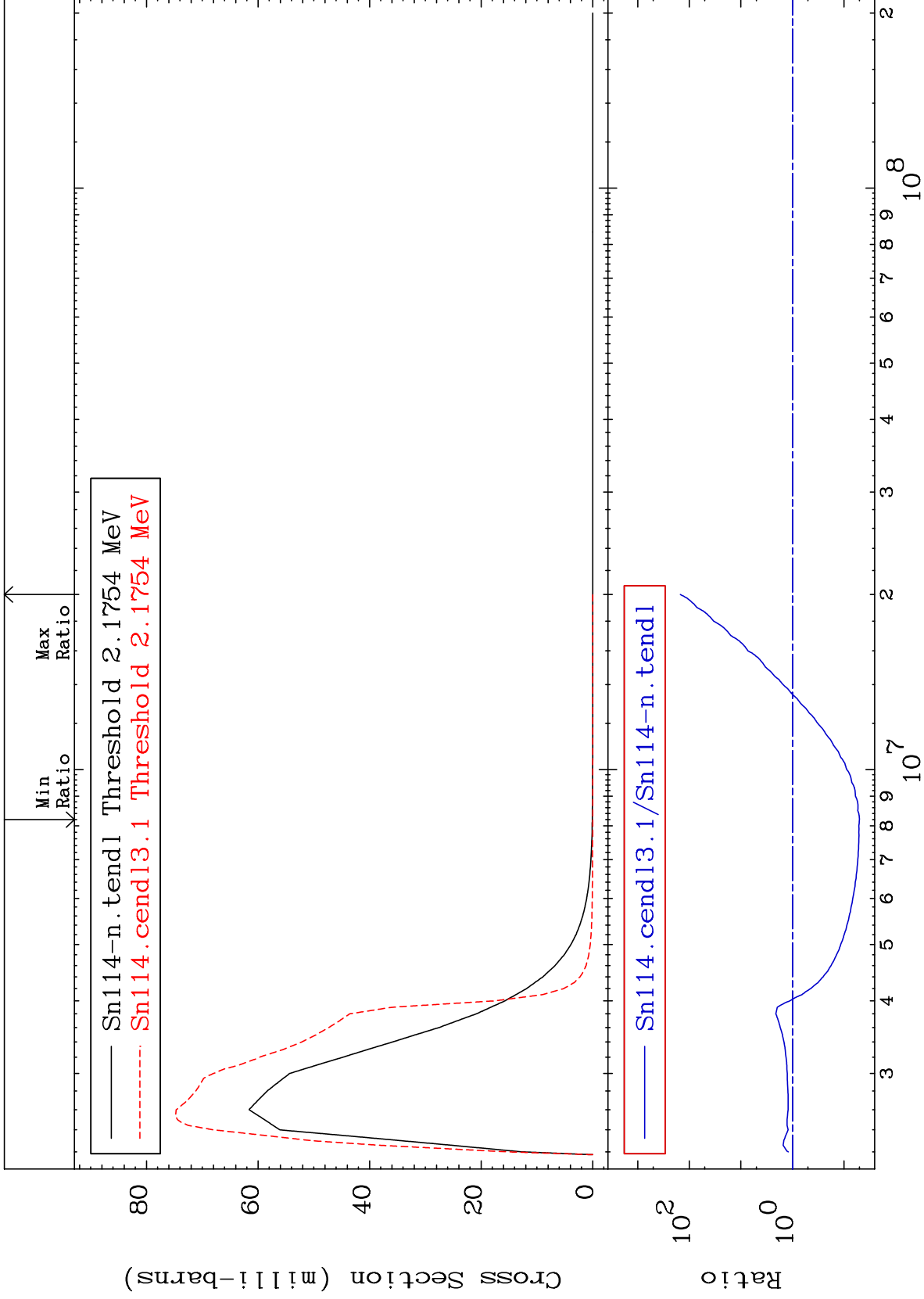
50-Sn-114
-94.58 To 9999. %



MAT 5031

2.156 MeV (n,n') Level
Cross Section

50-Sn-114
-94.99 To 9999. %



10

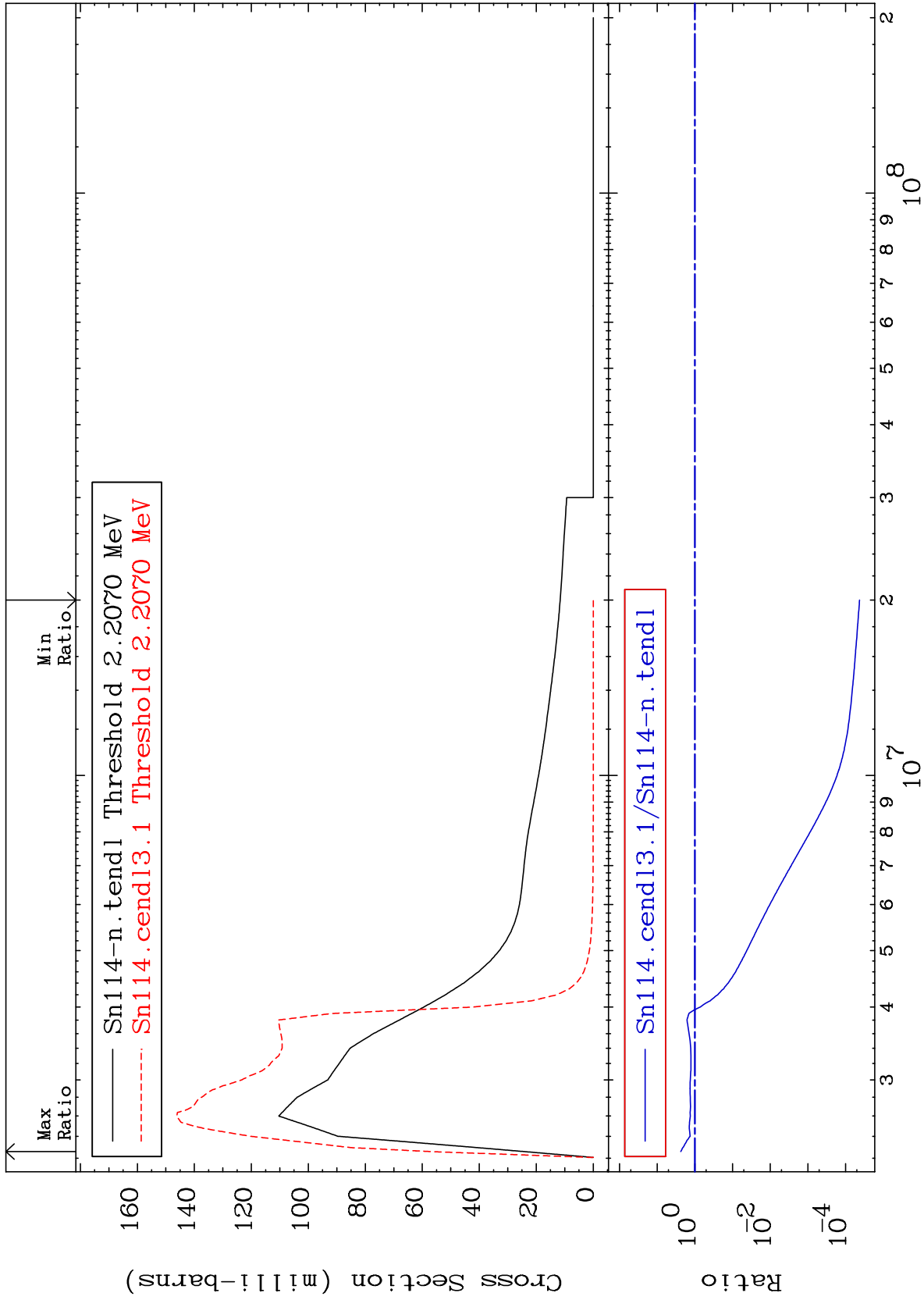
Incident Energy (eV)

50-Sn-114

MAT 5031

2.188 MeV (n,n') Level
Cross Section

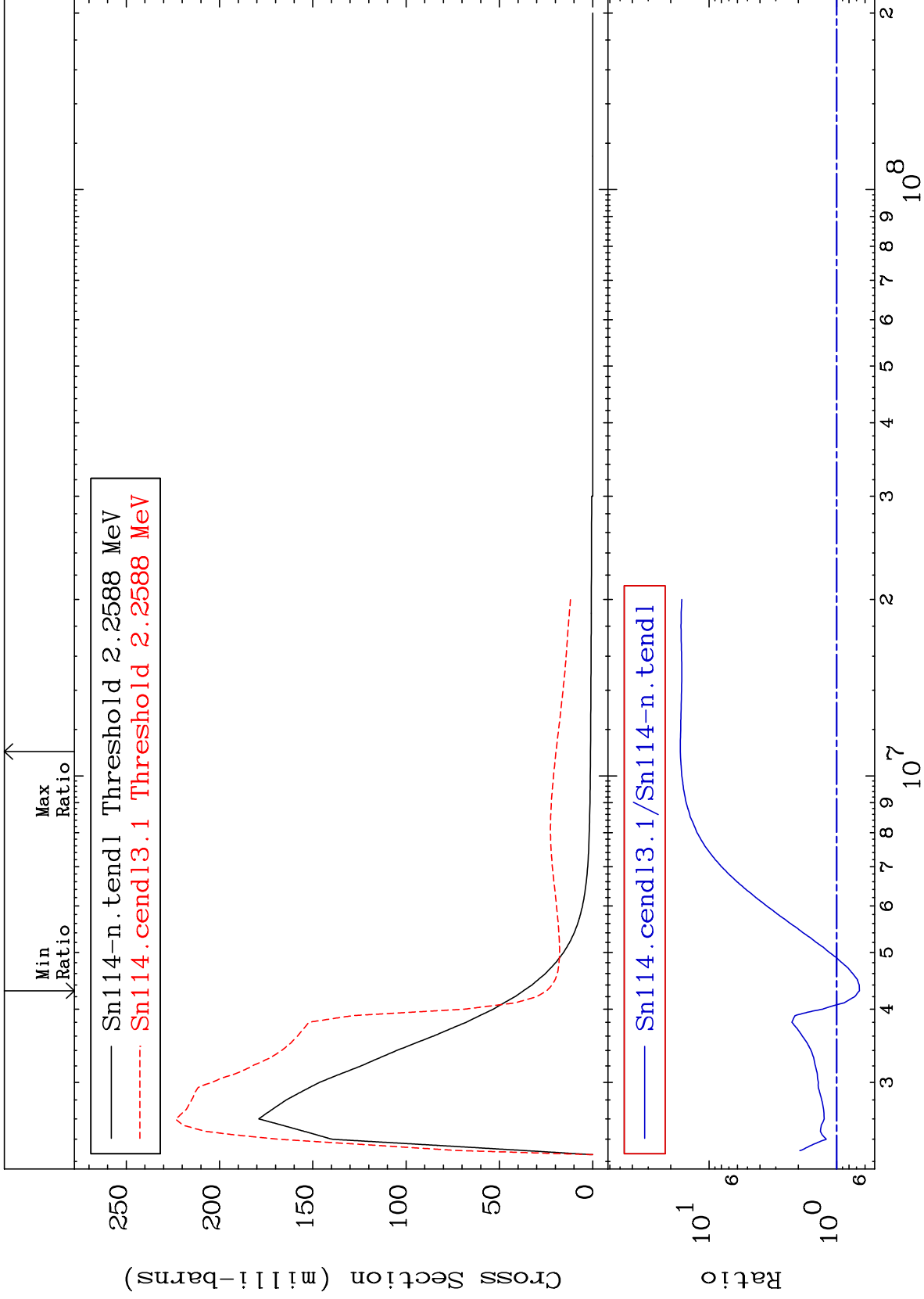
50-Sn-114
-100.0 To 136.5 %



MAT 5031

2.239 MeV (n,n') Level
Cross Section

50-Sn-114
-33.68 To 1581. %



12

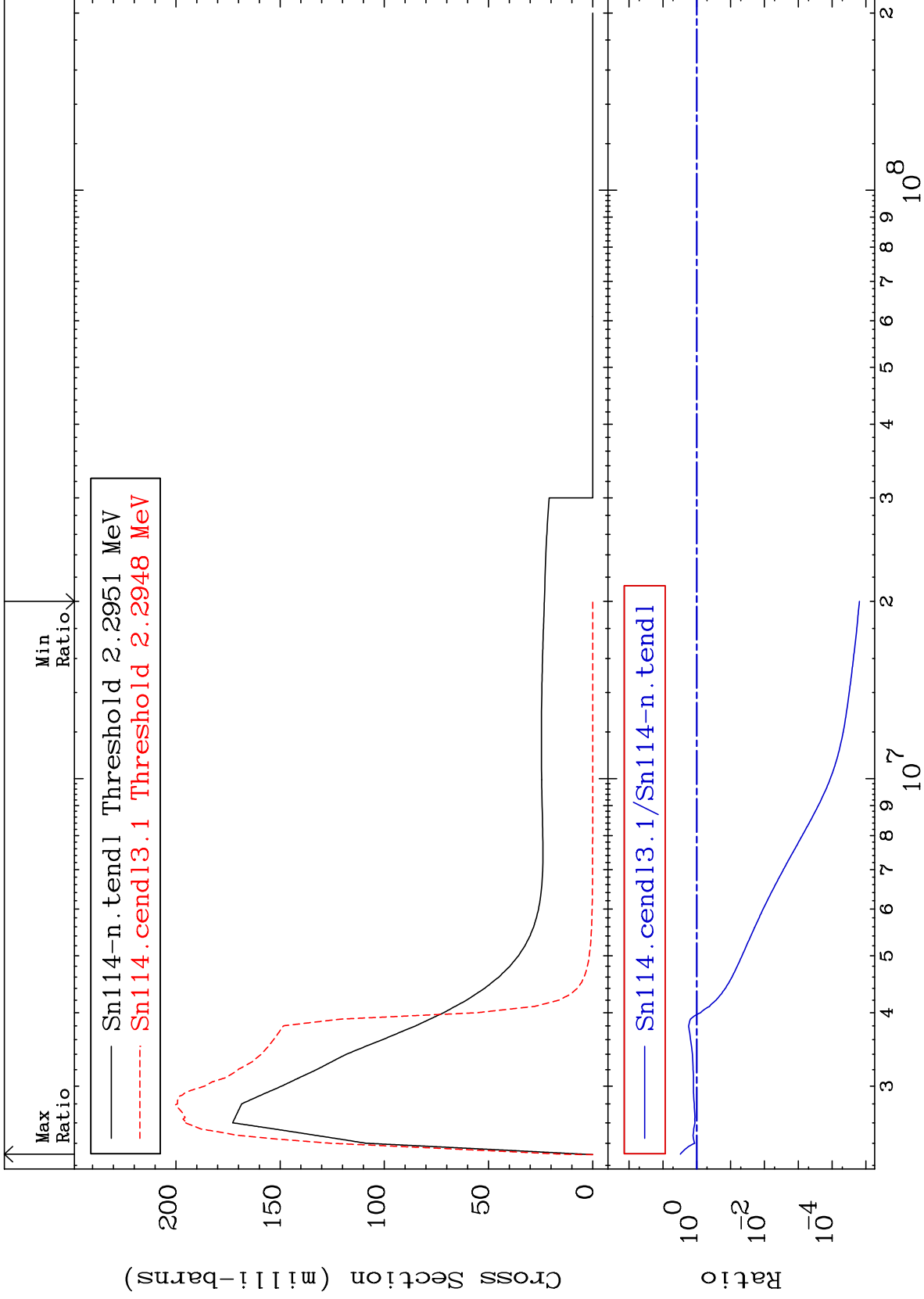
Incident Energy (eV)

50-Sn-114

MAT 5031

2.275 MeV (n,n') Level
Cross Section

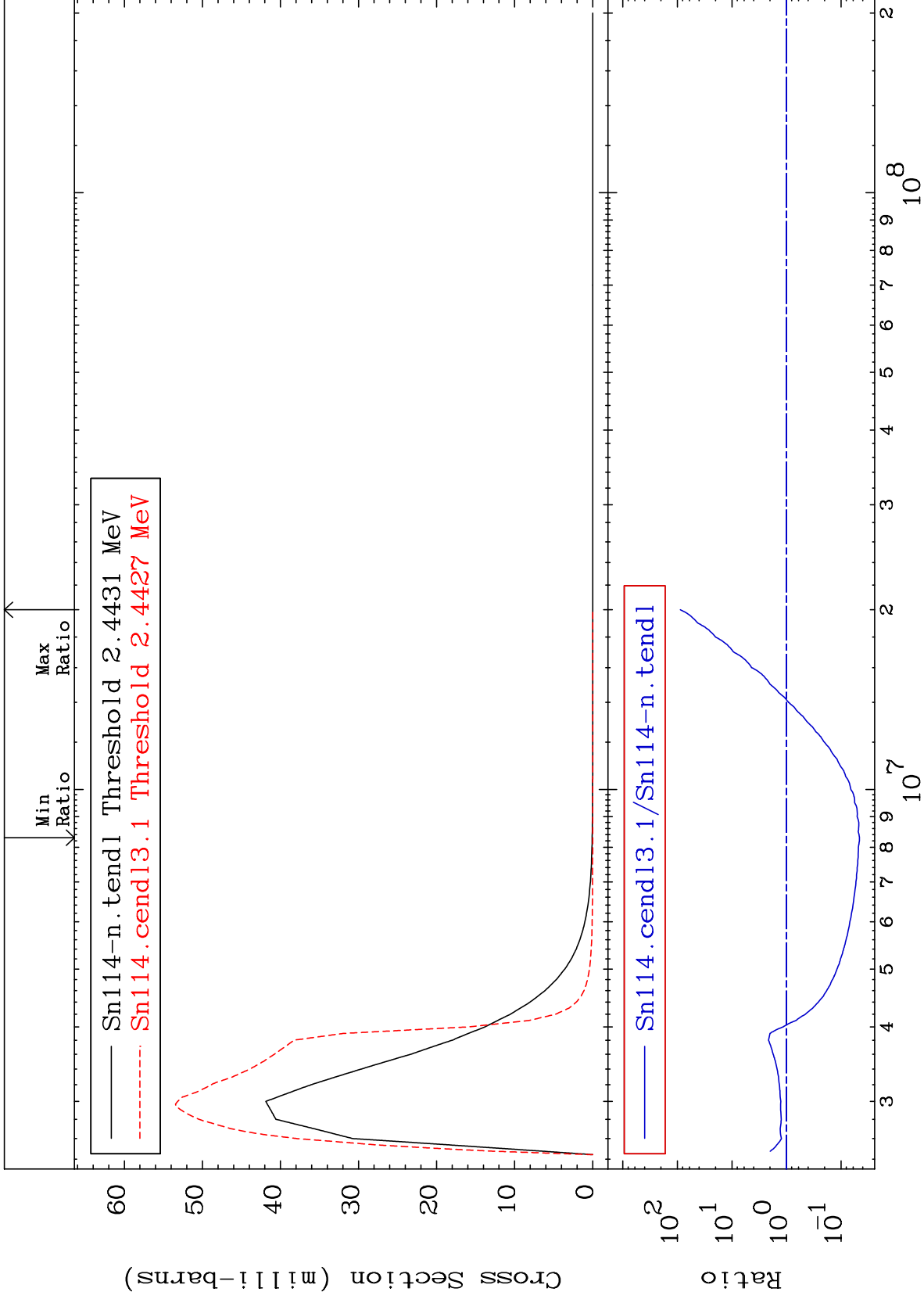
50-Sn-114
-100.0 To 205.4 %



MAT 5031

2.422 MeV (n,n') Level
Cross Section

50-Sn-114
-95.41 To 8722. %



14

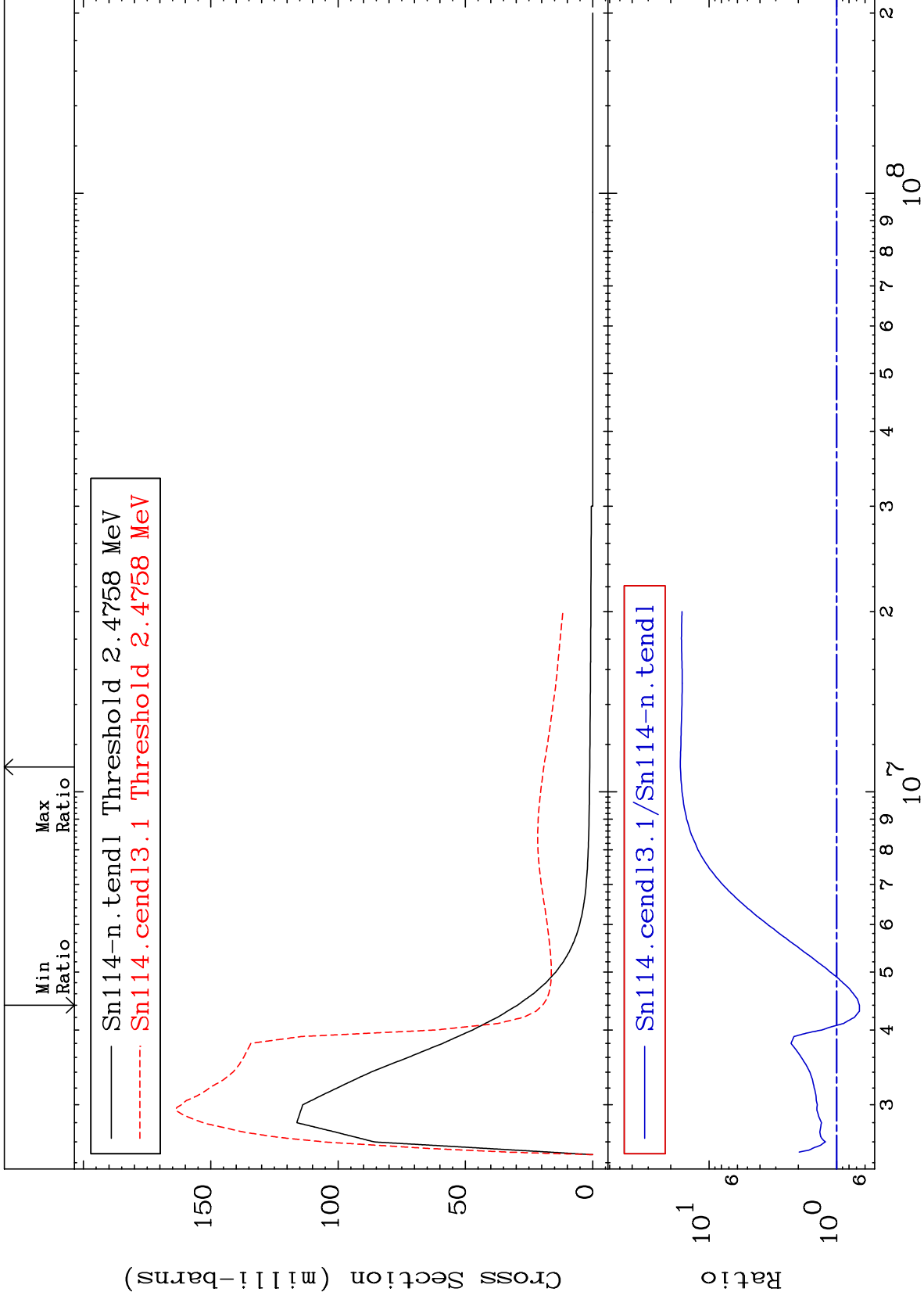
Incident Energy (eV)

50-Sn-114

MAT 5031

2.454 MeV (n,n') Level
Cross Section

50-Sn-114
-33.60 To 1578. %



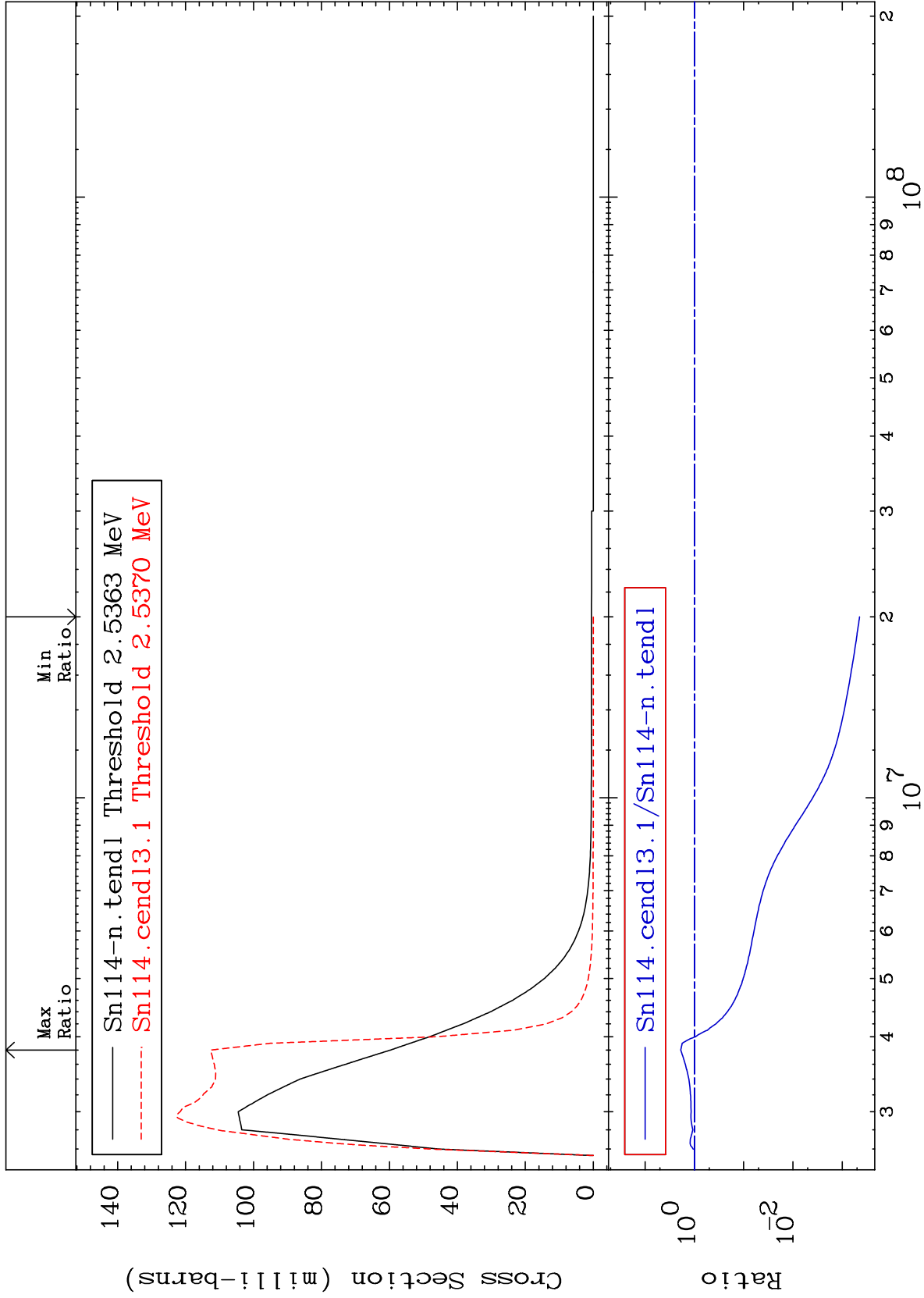
MAT 5031

2.514 MeV (n,n') Level

50-Sn-114

-99.96 To 88.68 %

Cross Section



16

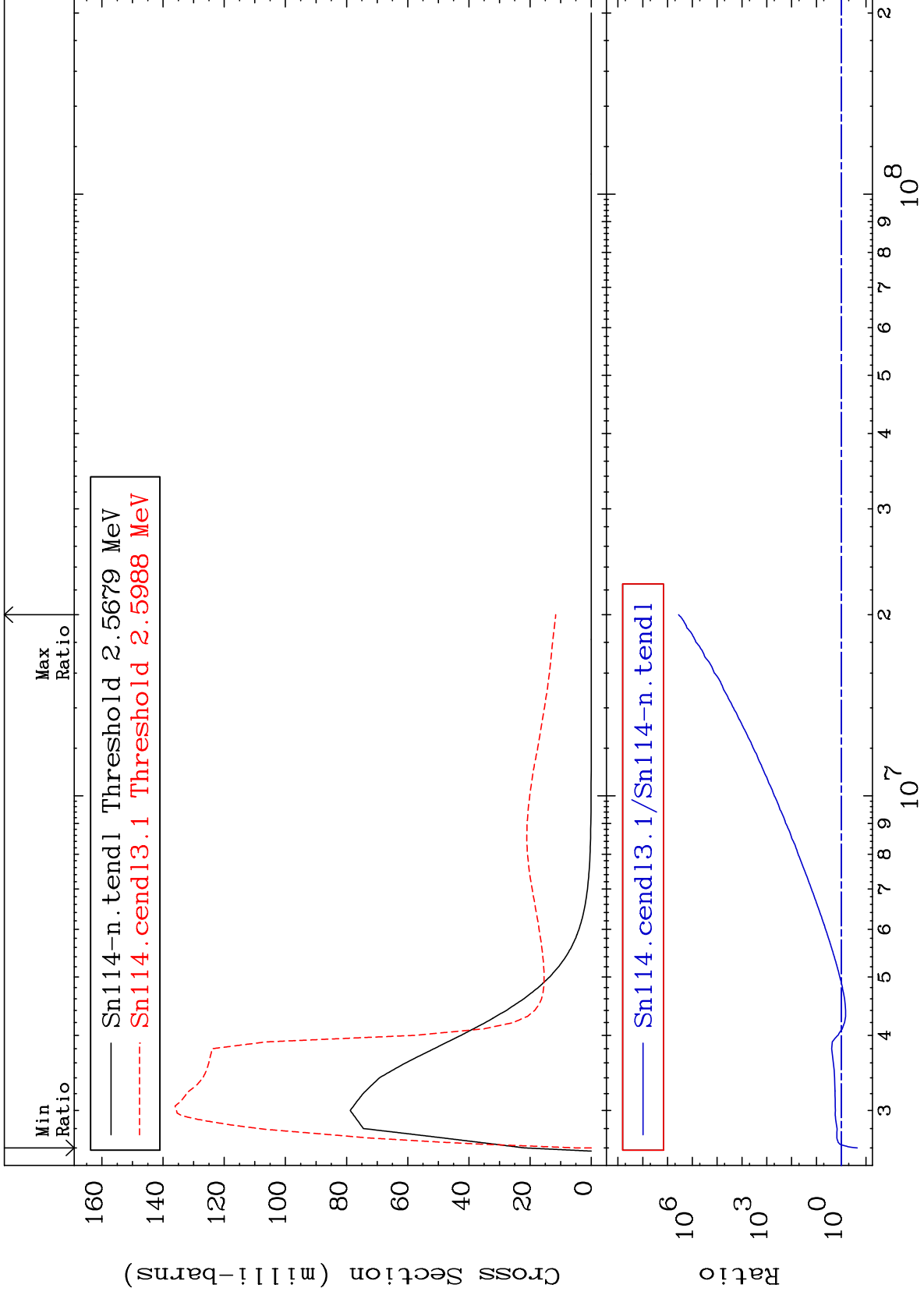
Incident Energy (eV)

50-Sn-114

MAT 5031

2.545 MeV (n,n') Level
Cross Section

50-Sn-114
-77.48 To 9999. %



17

Incident Energy (eV)

50-Sn-114

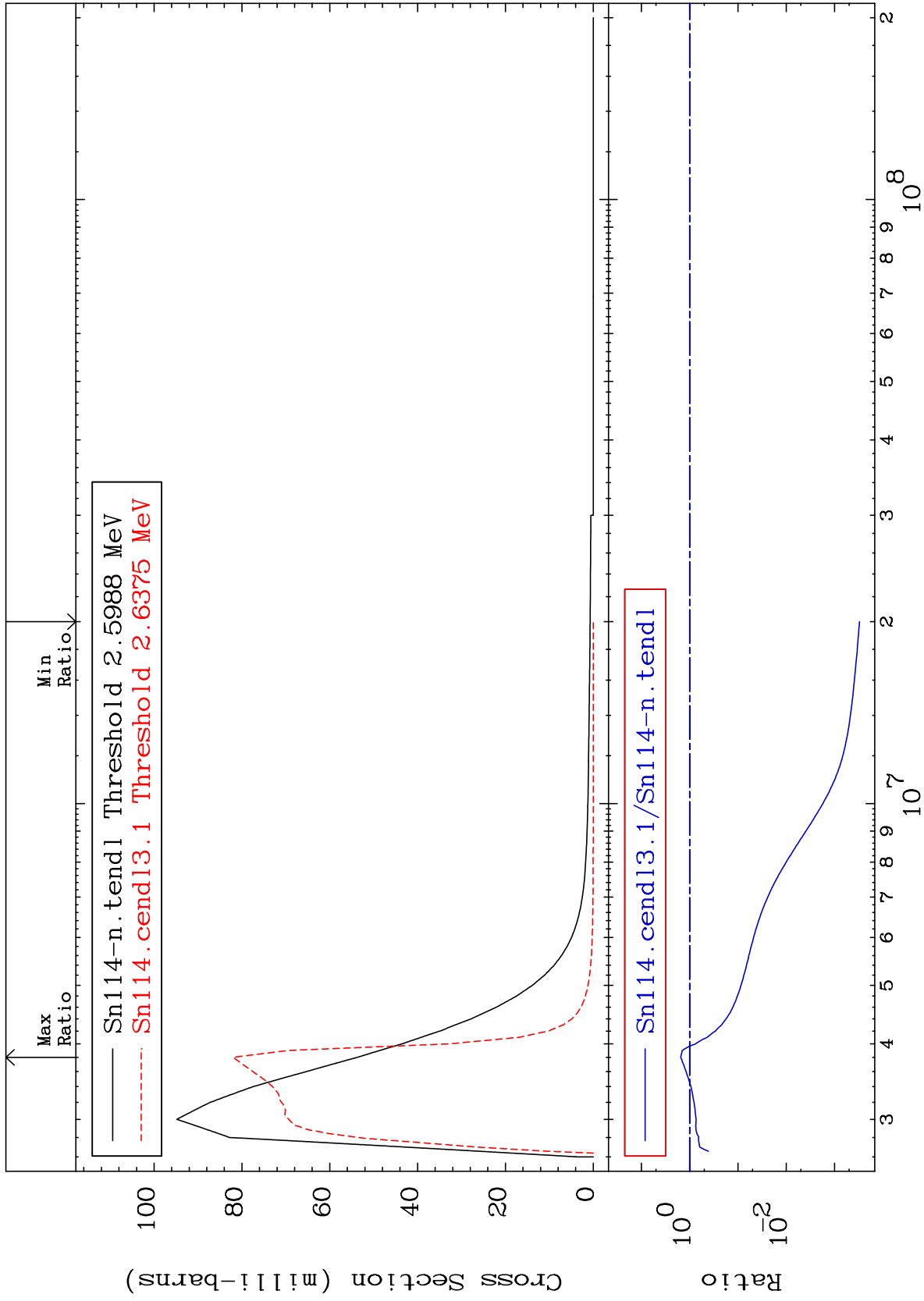
MAT 5031

2.576 MeV (n,n') Level

50-Sn-114

-99.97 To 52.67 %

Cross Section

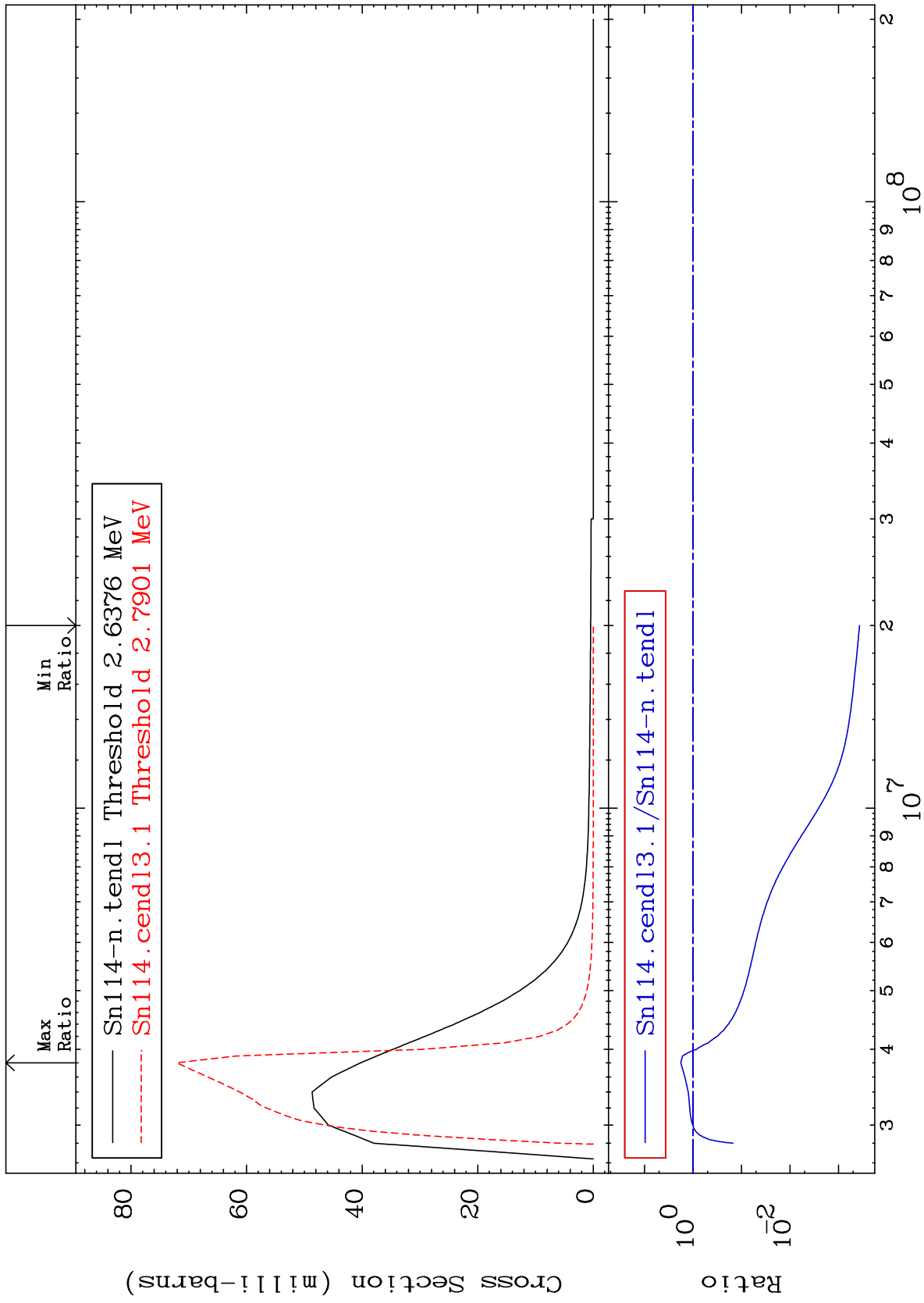


18

Incident Energy (eV)

50-Sn-114

MAT 5031 2.614 MeV (n,n') Level 50-Sn-114
 Cross Section -99.96 To 79.10 %



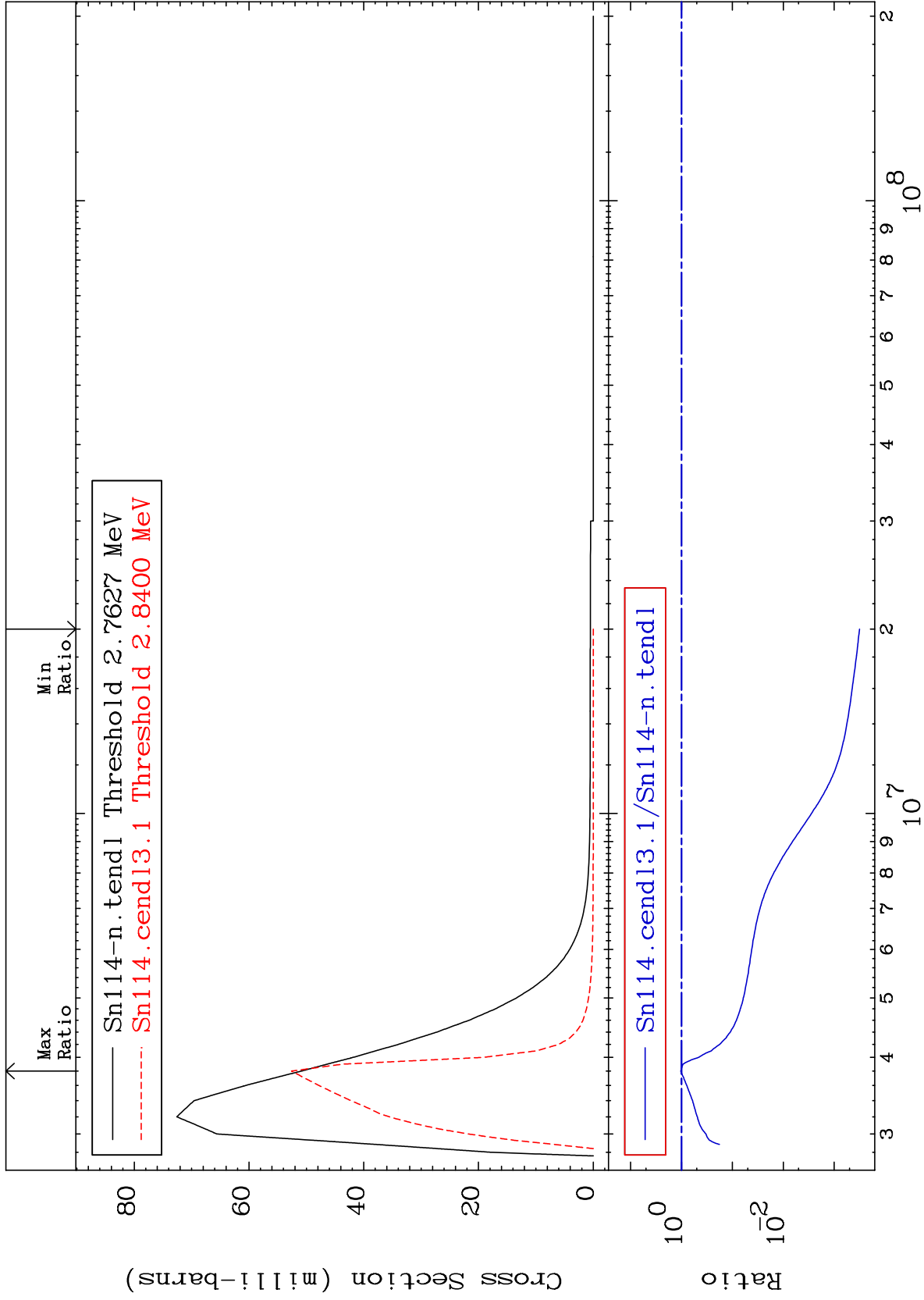
MAT 5031

2.738 MeV (n,n') Level

50-Sn-114

-99.97 To 3.398 %

Cross Section



20

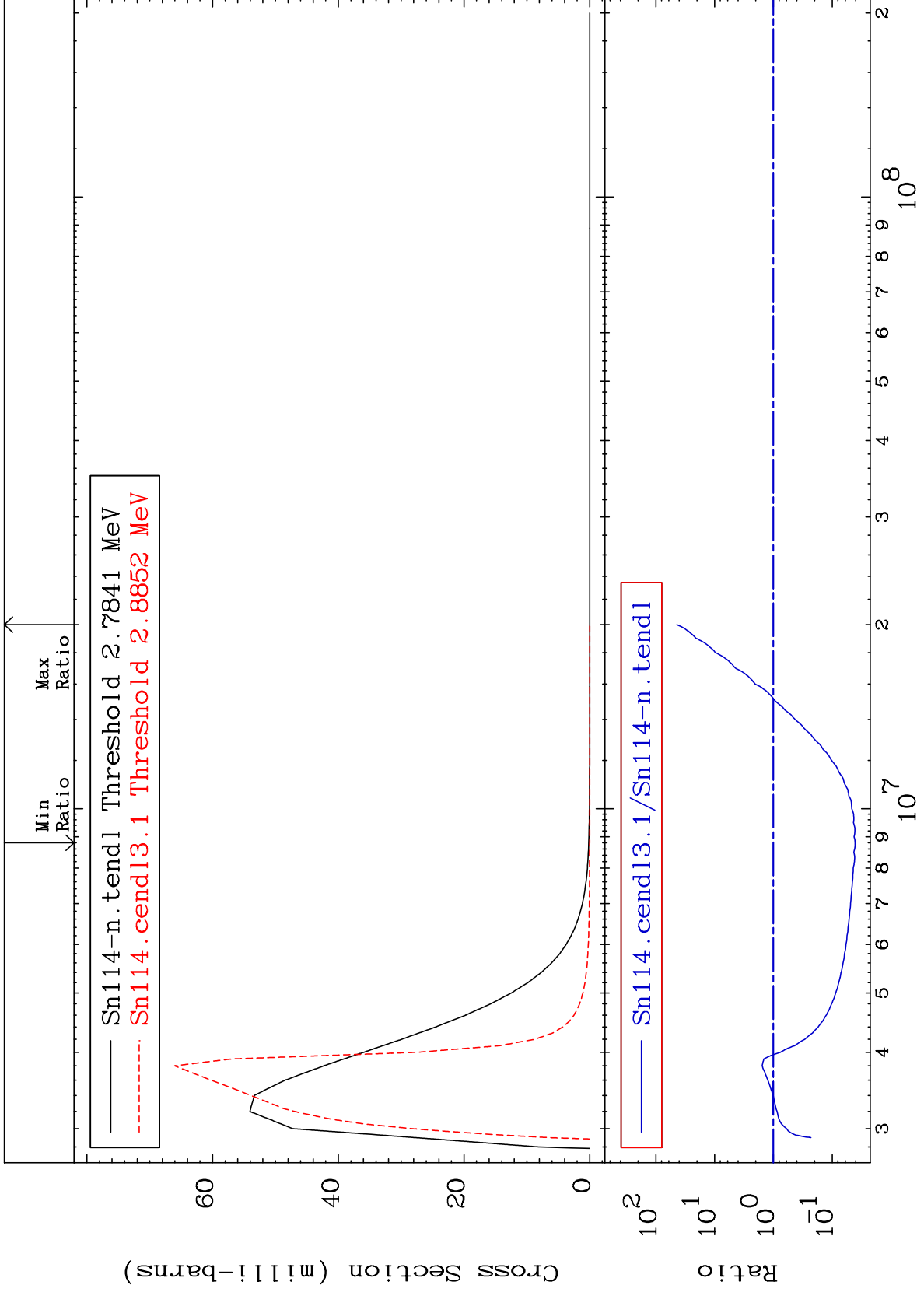
50-Sn-114

50-Sn-114

MAT 5031

2.760 MeV (n,n') Level
Cross Section

50-Sn-114
-95.91 To 4278. %



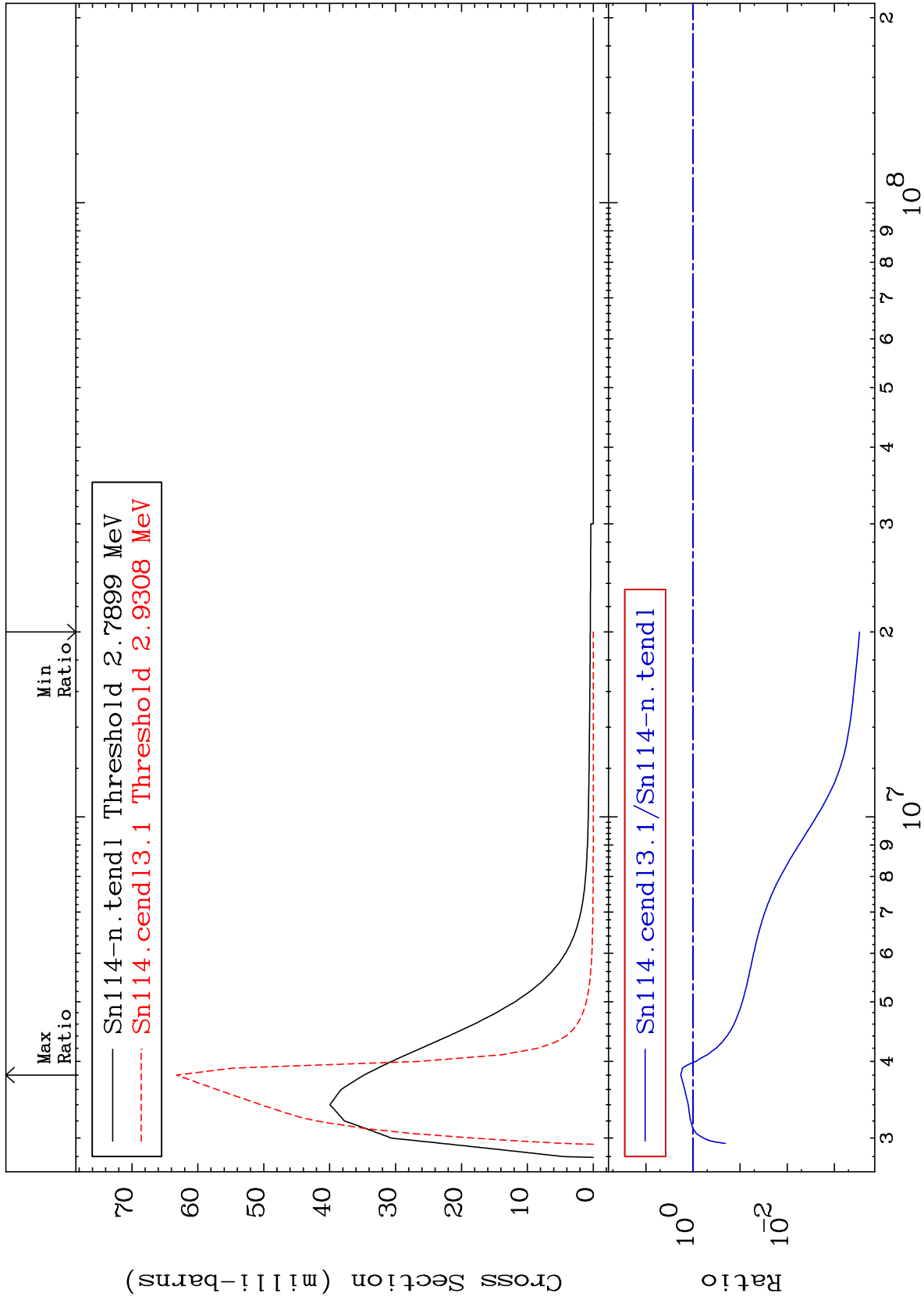
MAT 5031

2.765 MeV (n,n') Level

50-Sn-114

-99.97 To 81.62 %

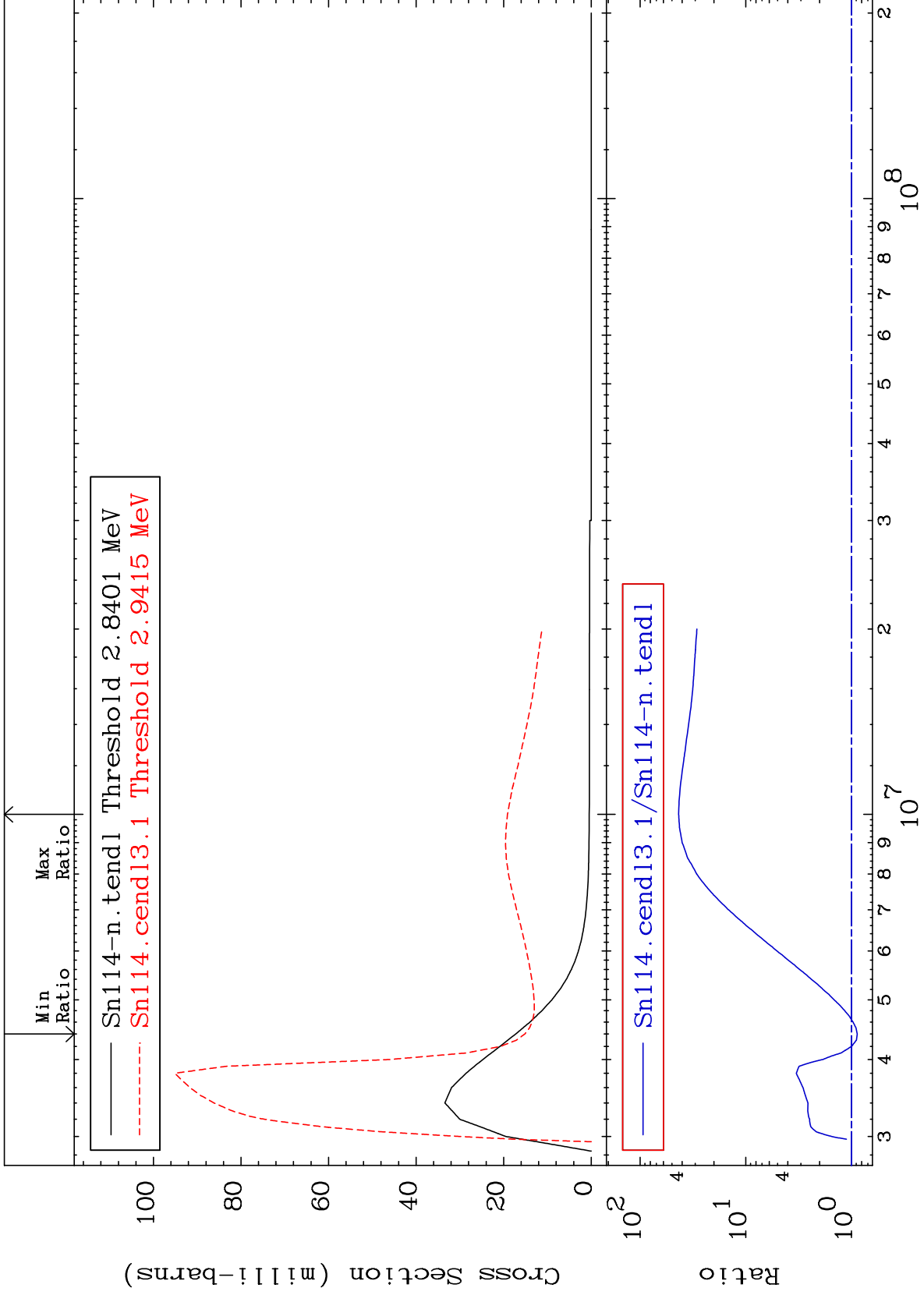
Cross Section



MAT 5031

2.815 MeV (n,n') Level
Cross Section

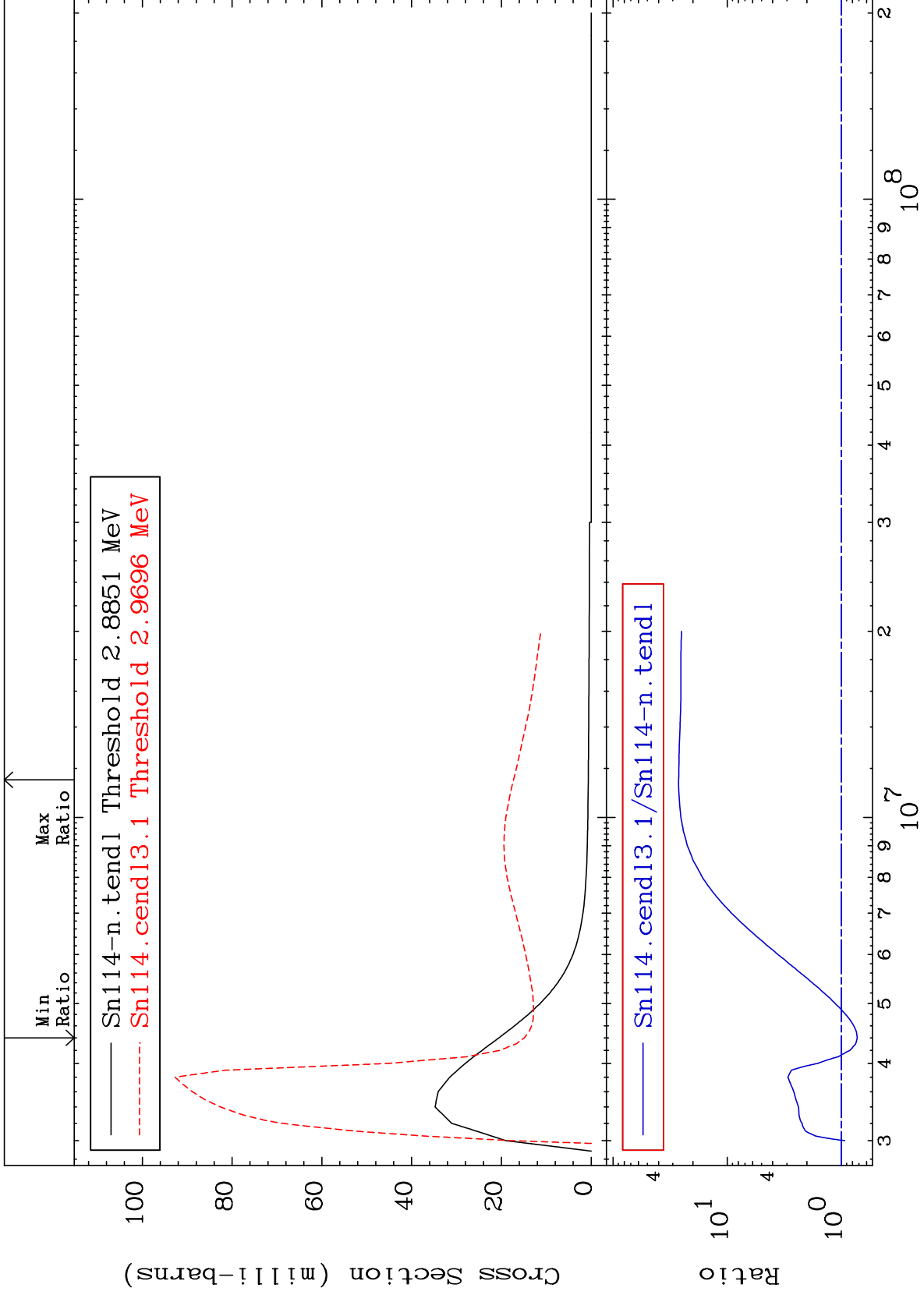
50-Sn-114
-11.99 To 4215. %



MAT 5031

2.860 MeV (n,n') Level
Cross Section

50-Sn-114
-27.50 To 2567. %



24

Incident Energy (eV)

50-Sn-114

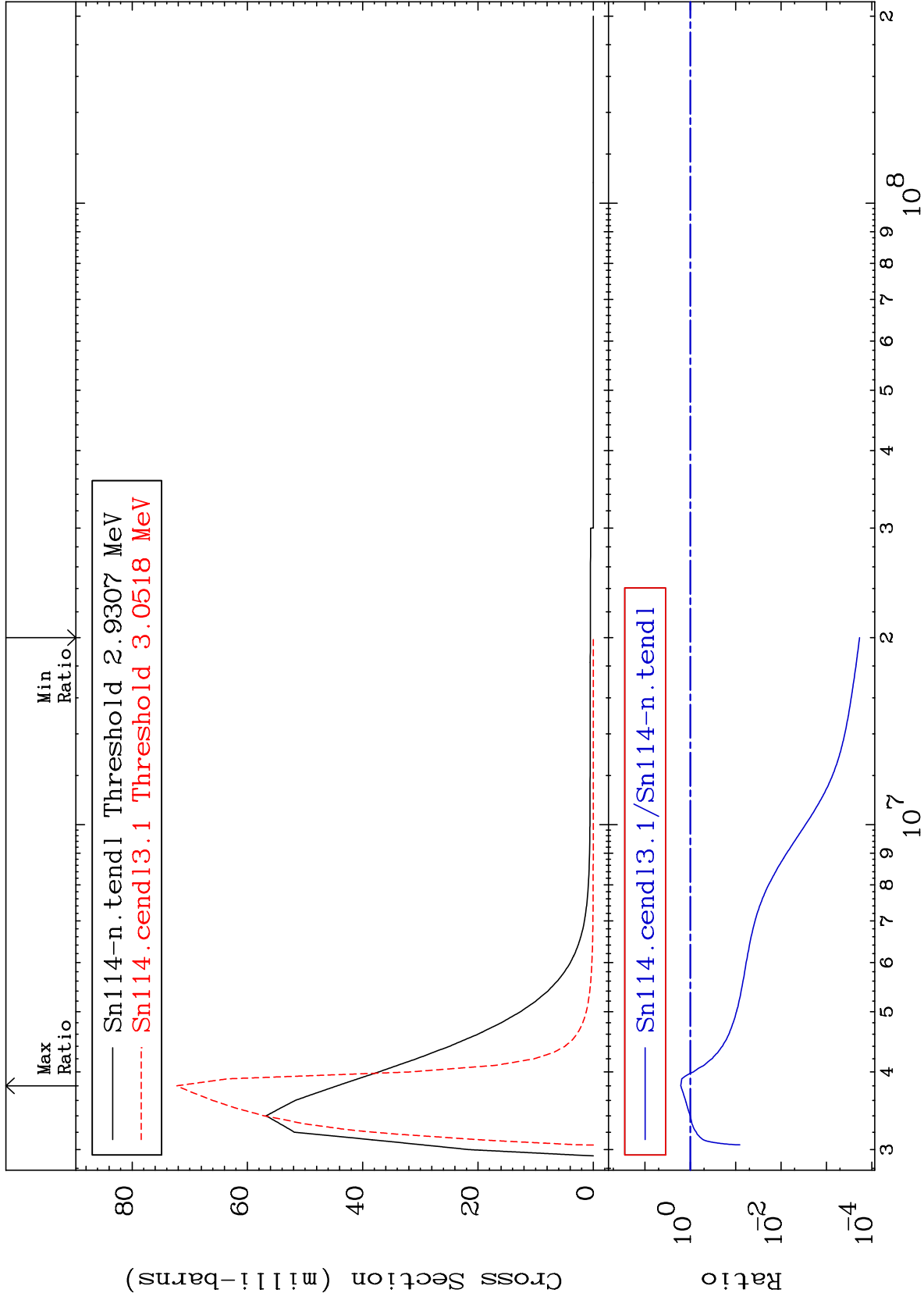
MAT 5031

2.905 MeV (n,n') Level

50-Sn-114

-99.98 To 62.63 %

Cross Section



25

Incident Energy (eV)

50-Sn-114

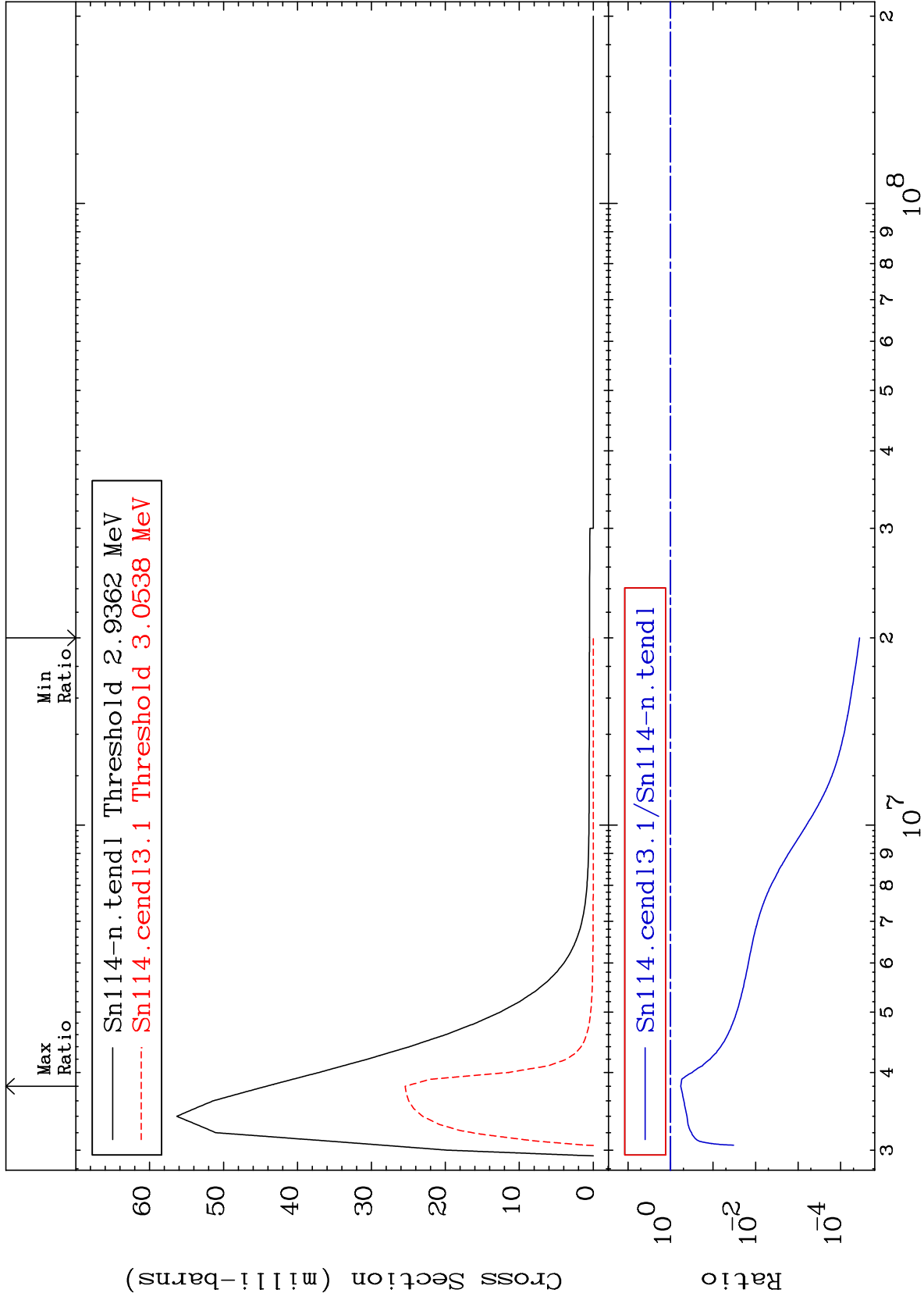
MAT 5031

2.910 MeV (n,n') Level

50-Sn-114

-100.0 To -42.49%

Cross Section



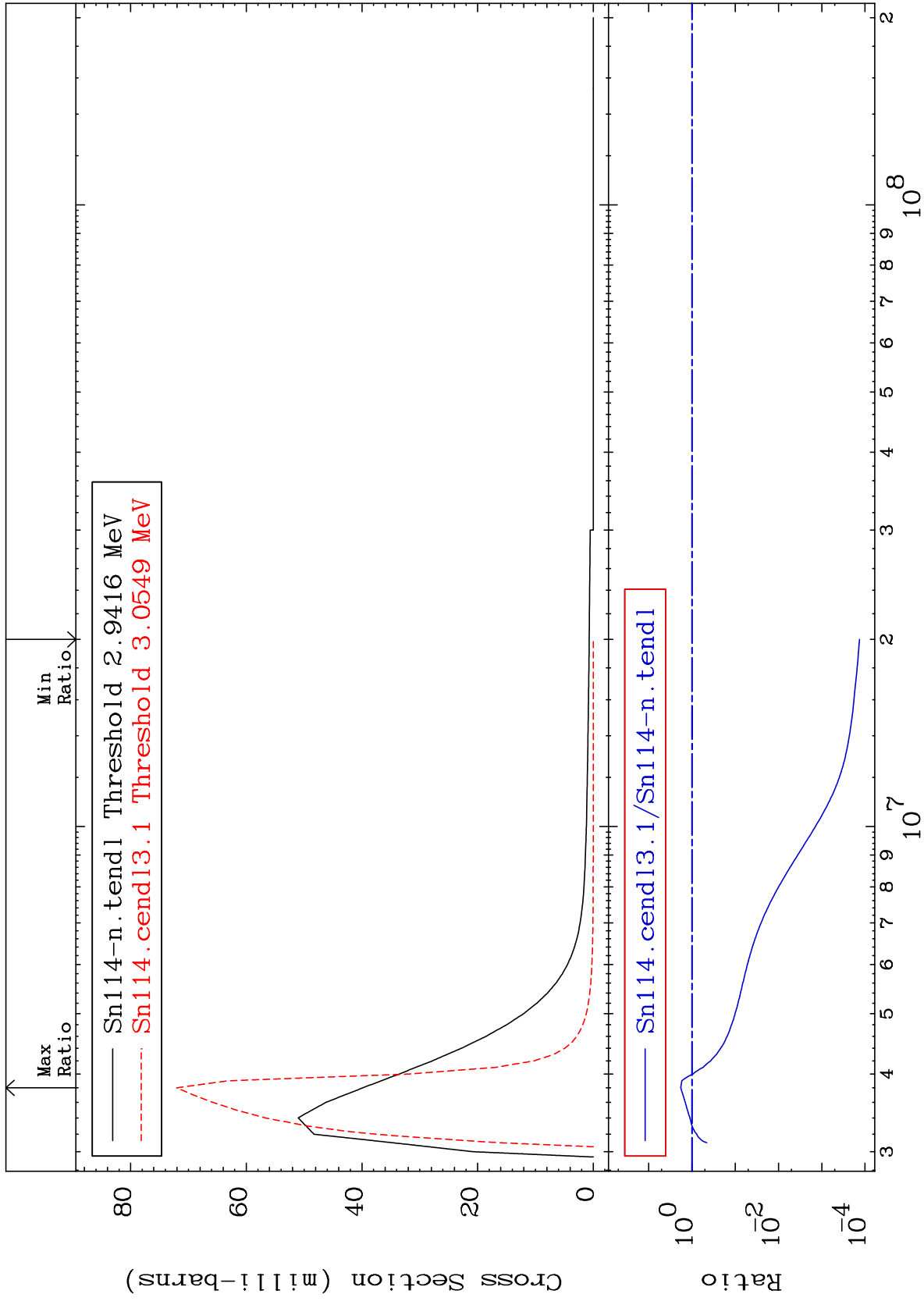
MAT 5031

2.916 MeV (n,n') Level

50-Sn-114

-99.99 To 80.78 %

Cross Section



27

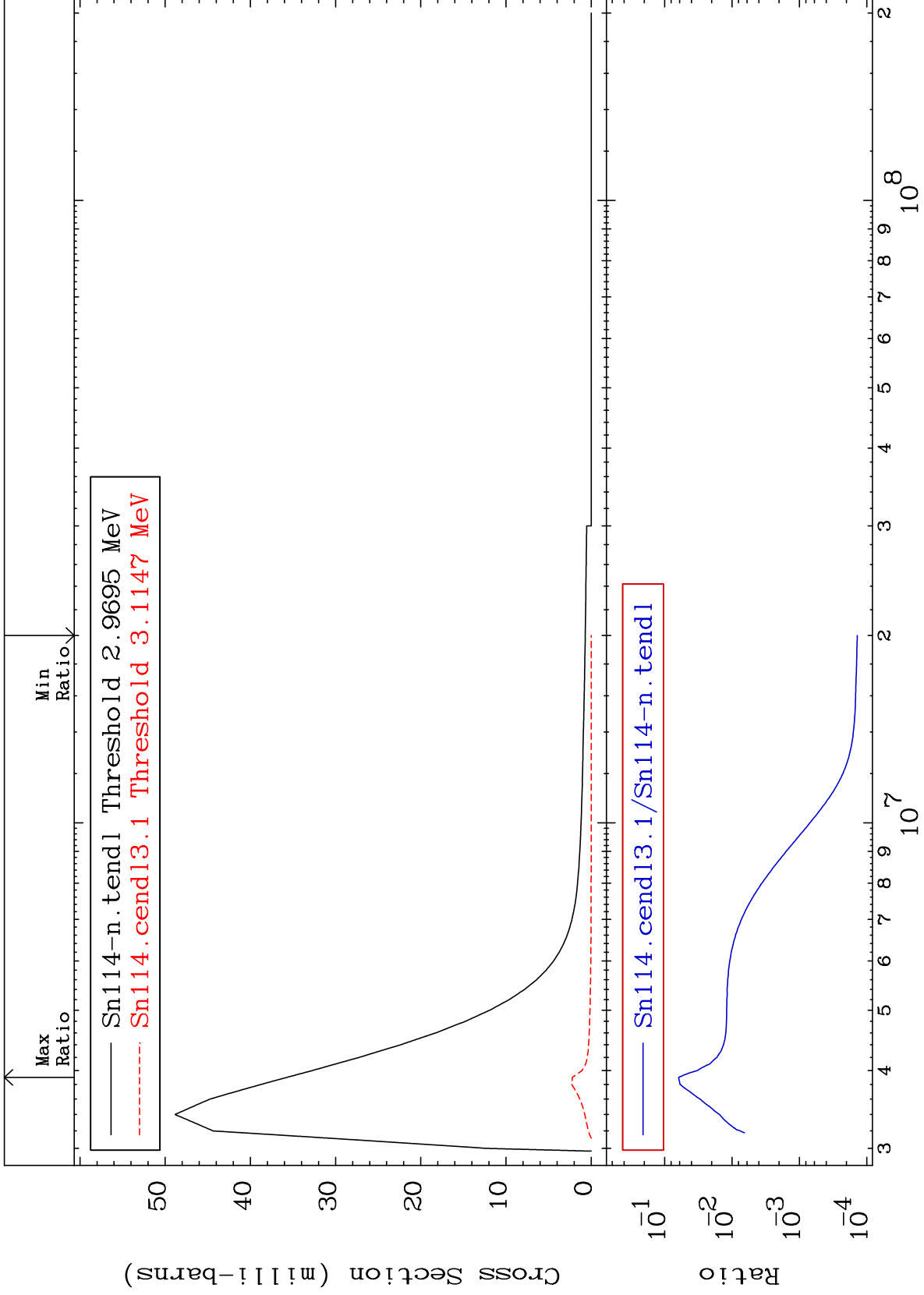
Incident Energy (eV)

50-Sn-114

MAT 5031

2.943 MeV (n,n') Level
Cross Section

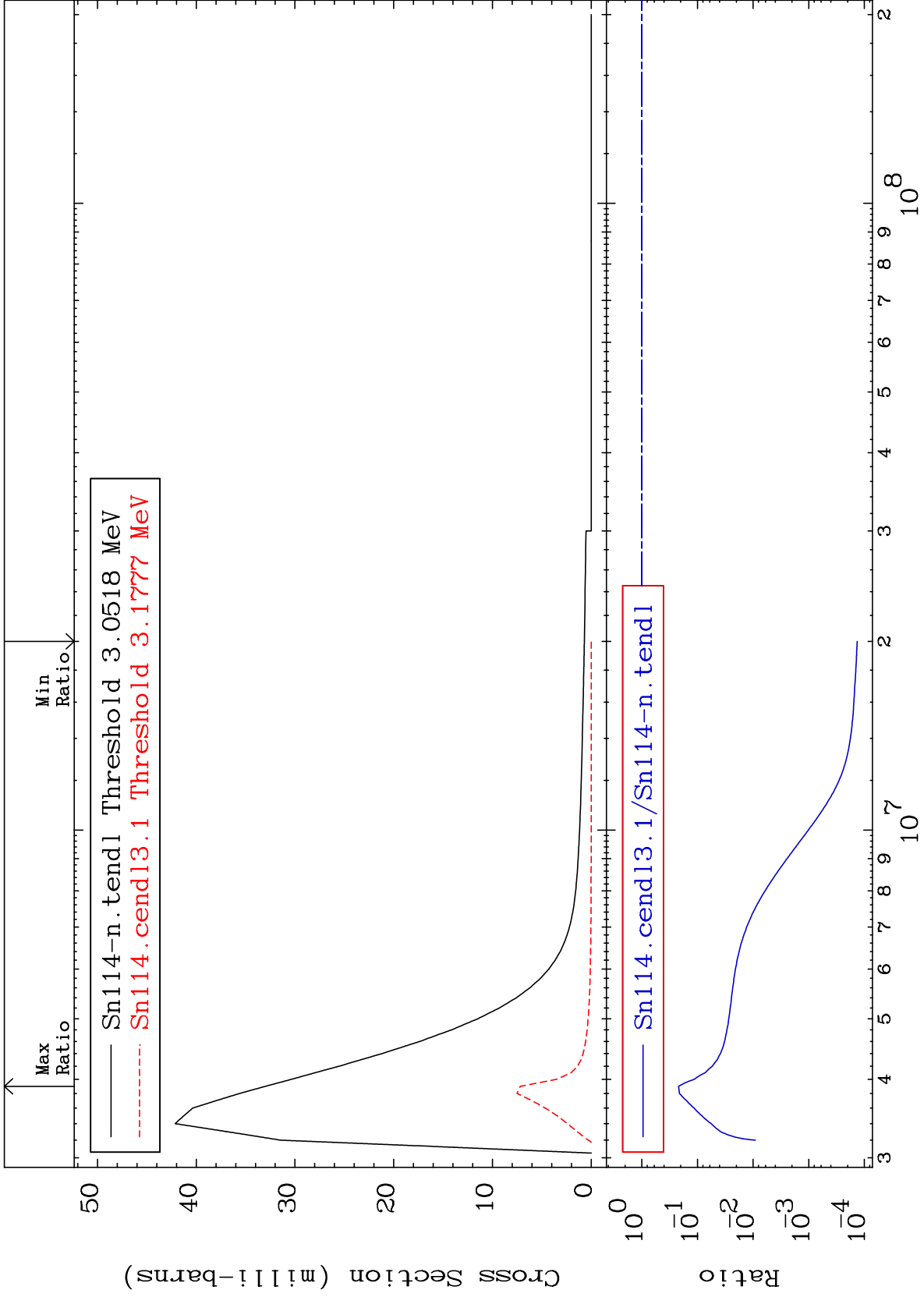
50-Sn-114
-99.99 To -93.80%



MAT 5031

3.025 MeV (n,n') Level
Cross Section

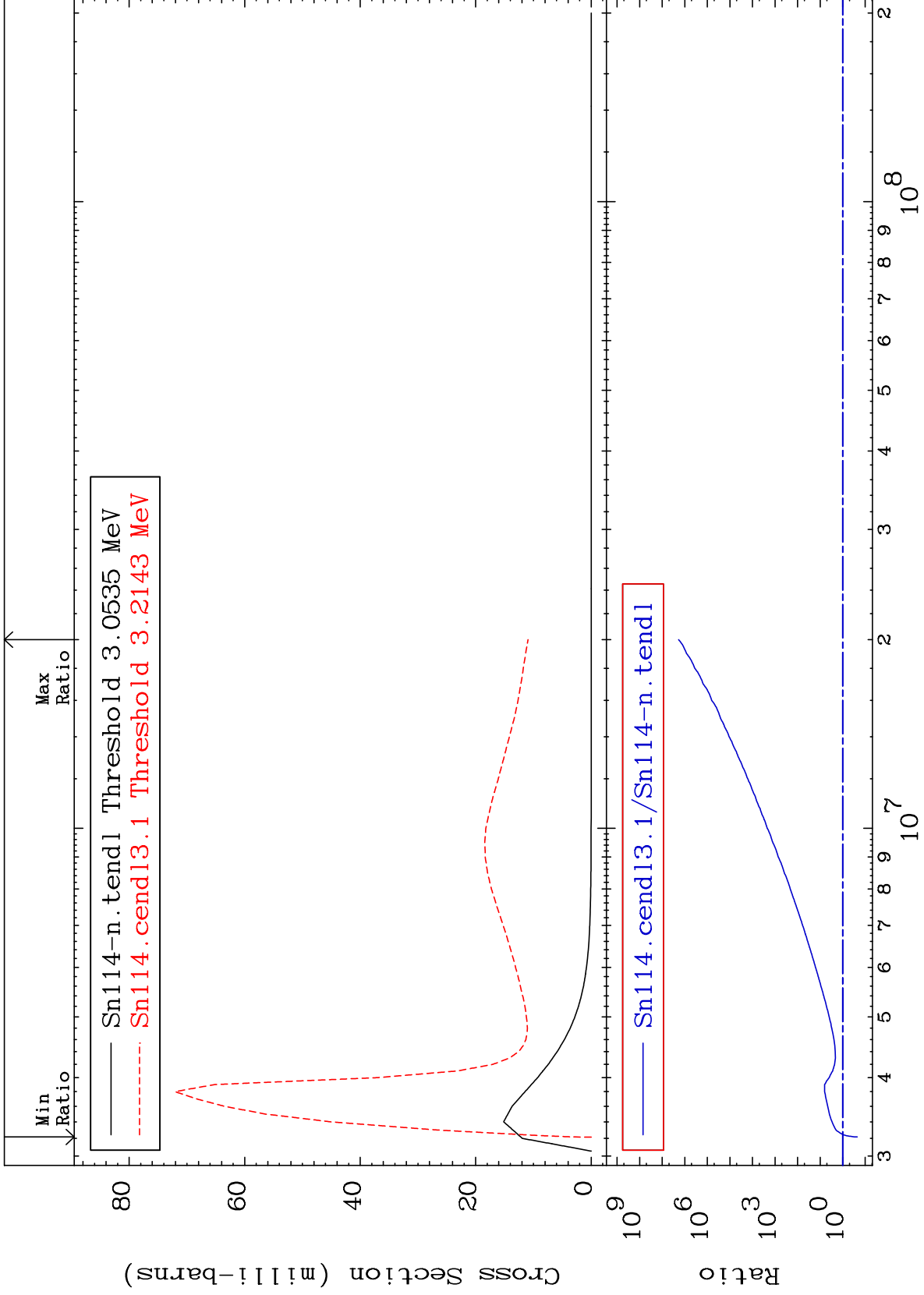
50-Sn-114
-99.99 To -78.17%



MAT 5031

3.027 MeV (n,n') Level
Cross Section

50-Sn-114
-77.38 To 9999. %



30

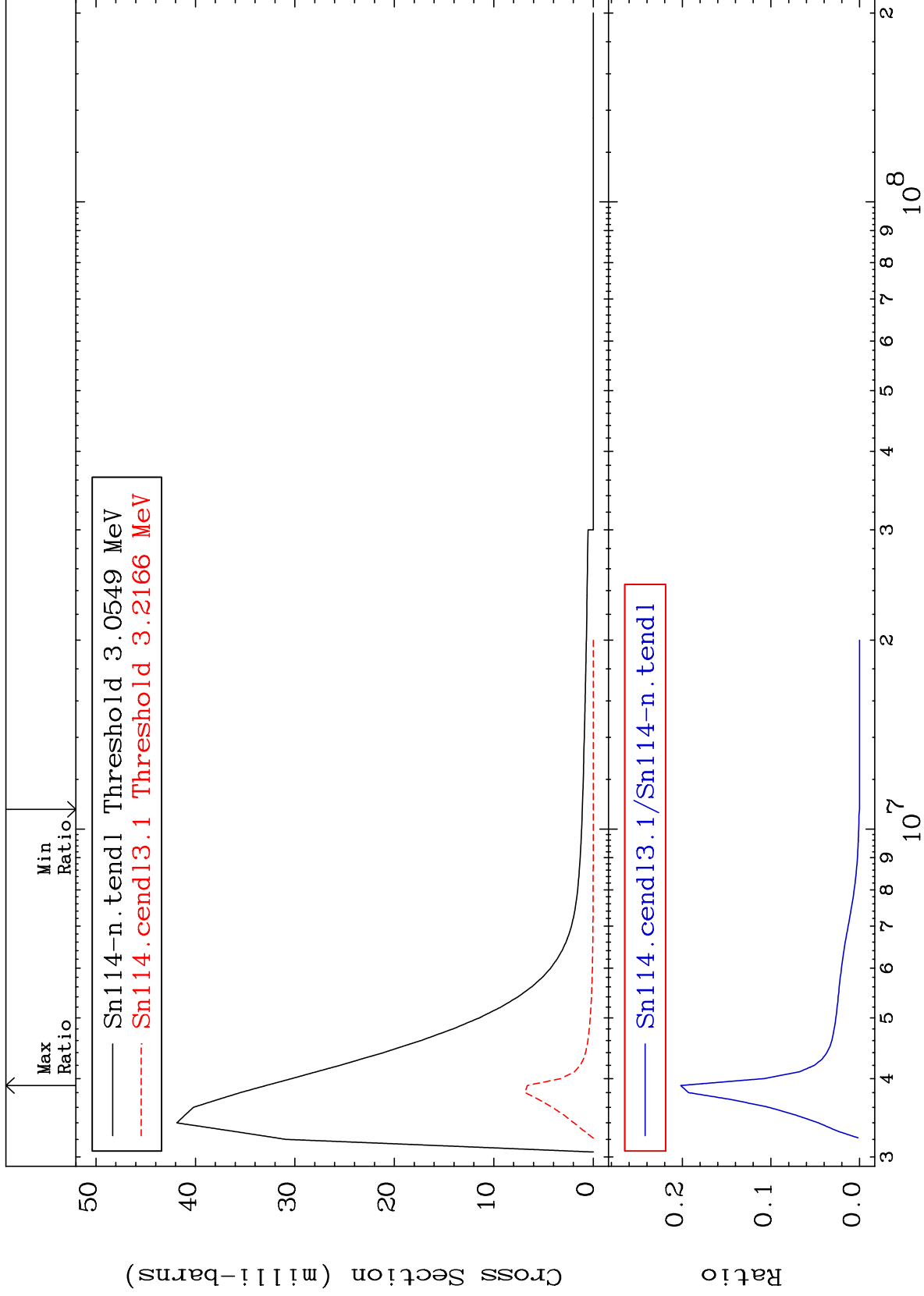
Incident Energy (eV)

50-Sn-114

MAT 5031

3.028 MeV (n,n') Level
Cross Section

50-Sn-114
-100.0 To -79.82%



31

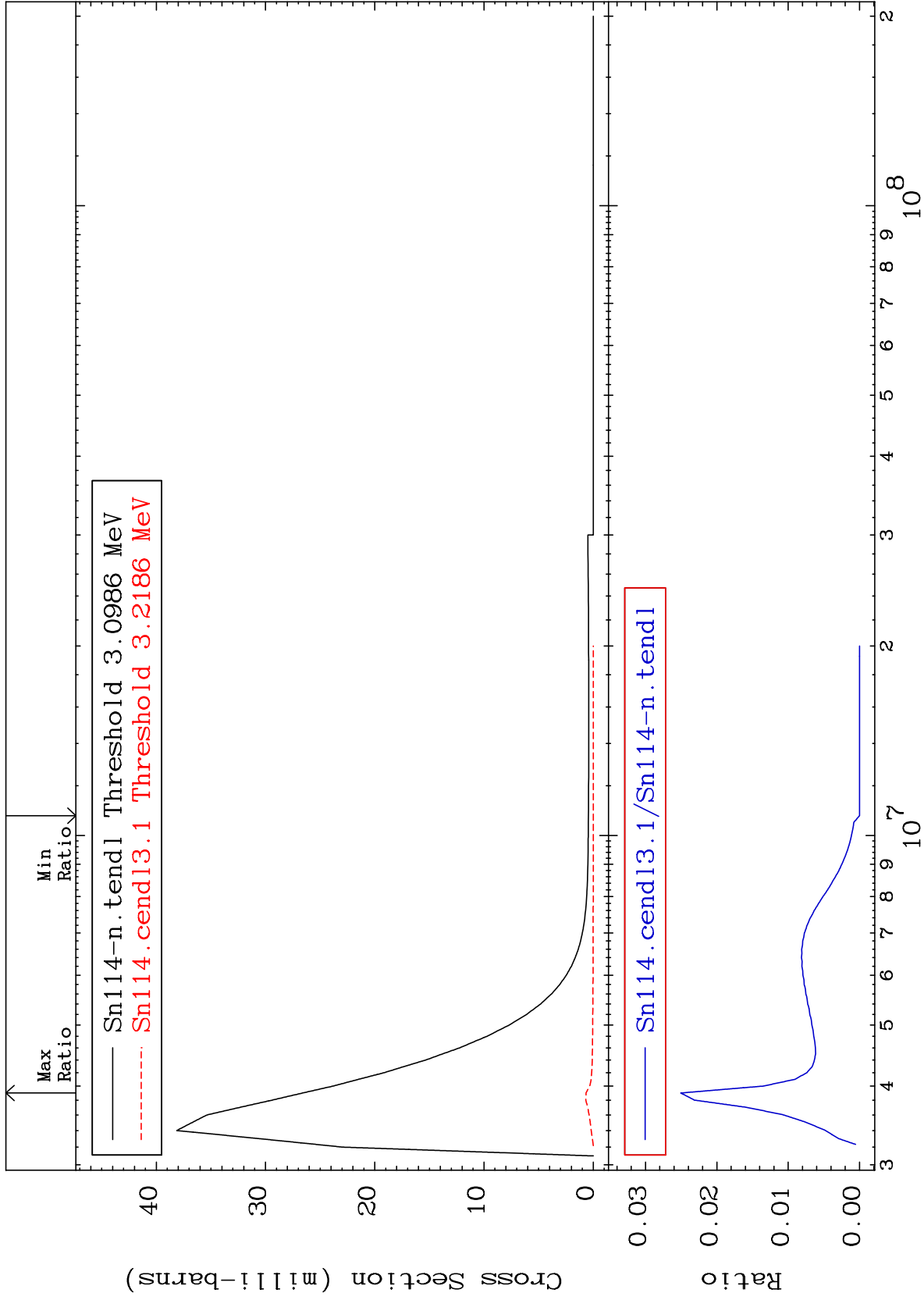
Incident Energy (eV)

50-Sn-114

MAT 5031

3.071 MeV (n,n') Level
Cross Section

50-Sn-114
-100.0 To -97.49%



32

Incident Energy (eV)

50-Sn-114

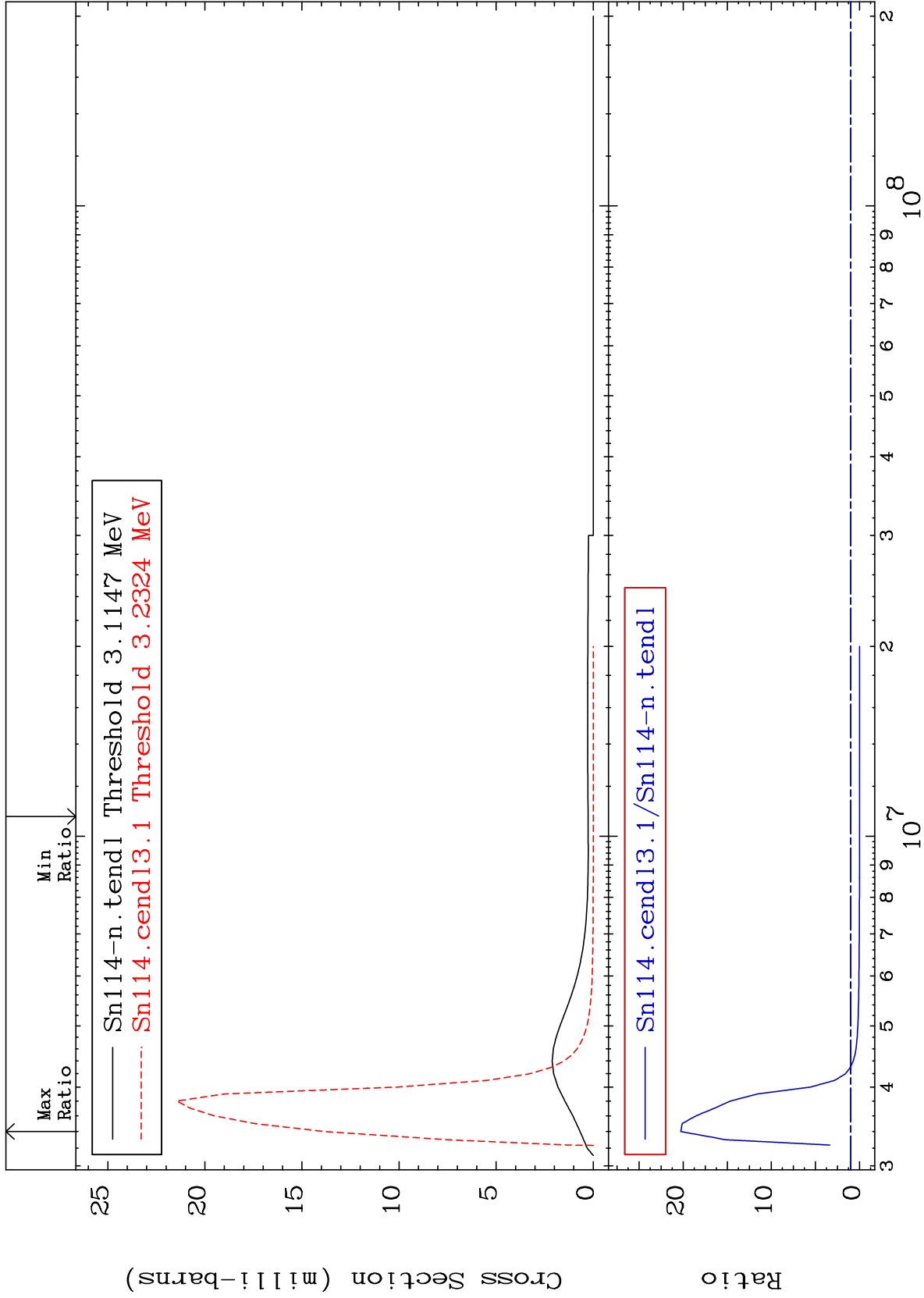
MAT 5031

3.087 MeV (n,n') Level

50-Sn-114

-100.0 To 1928. %

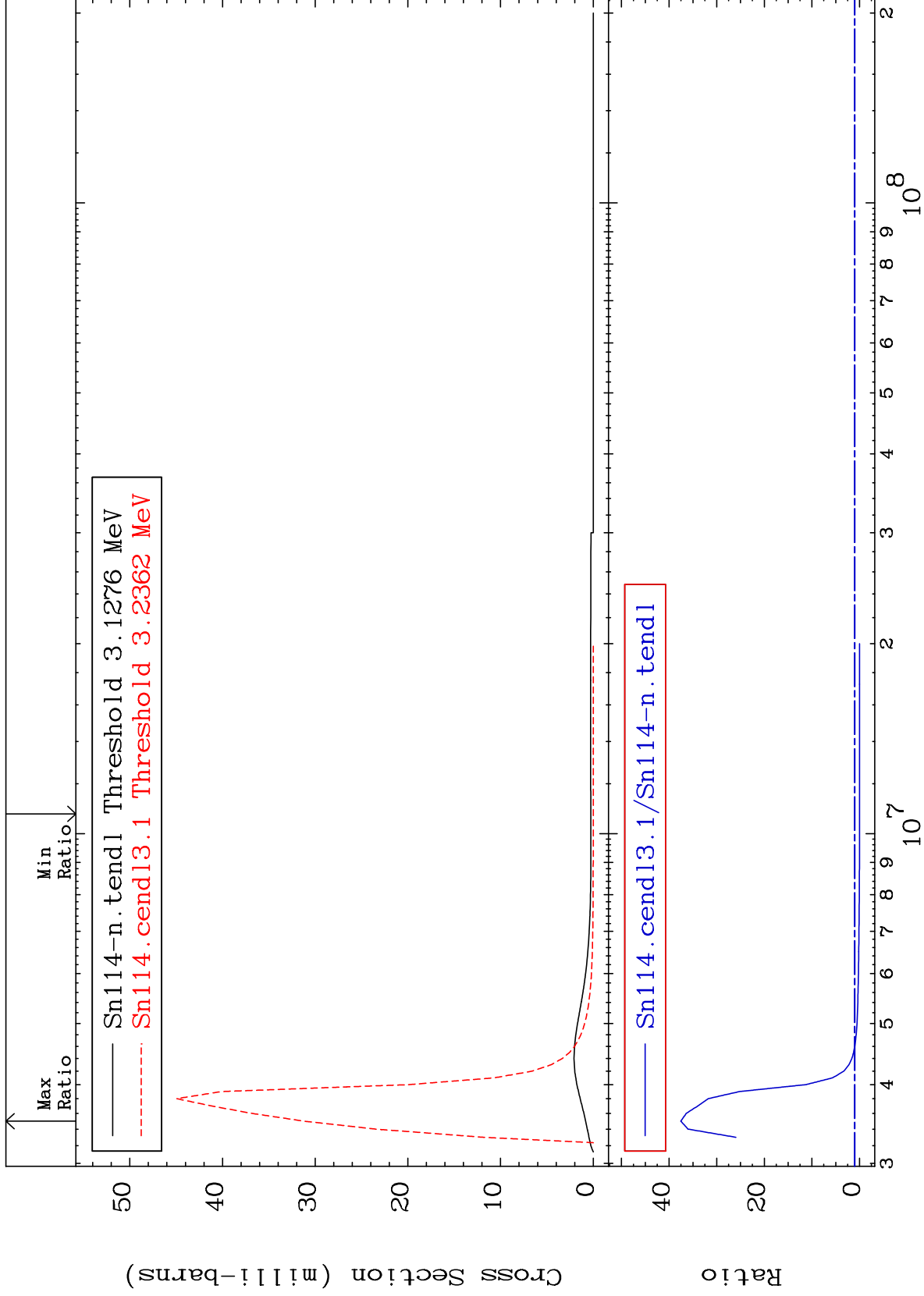
Cross Section



MAT 5031

3.100 MeV (n,n') Level
Cross Section

50-Sn-114
-100.0 To 3655. %



34

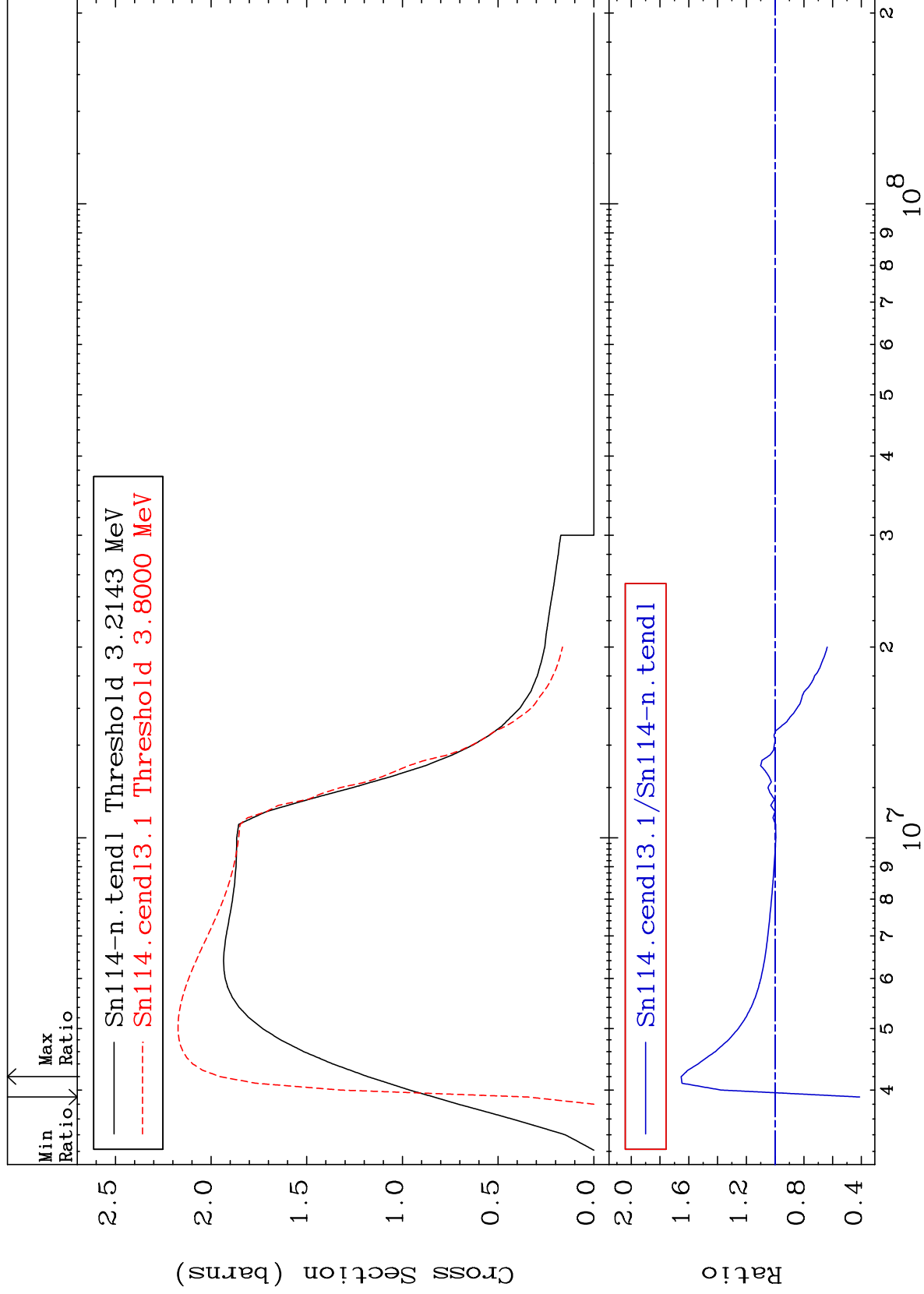
Incident Energy (eV)

50-Sn-114

MAT 5031

(n, n') Continuum
Cross Section

50-Sn-114
-58.79 To 65.29 %



35

Incident Energy (eV)

50-Sn-114

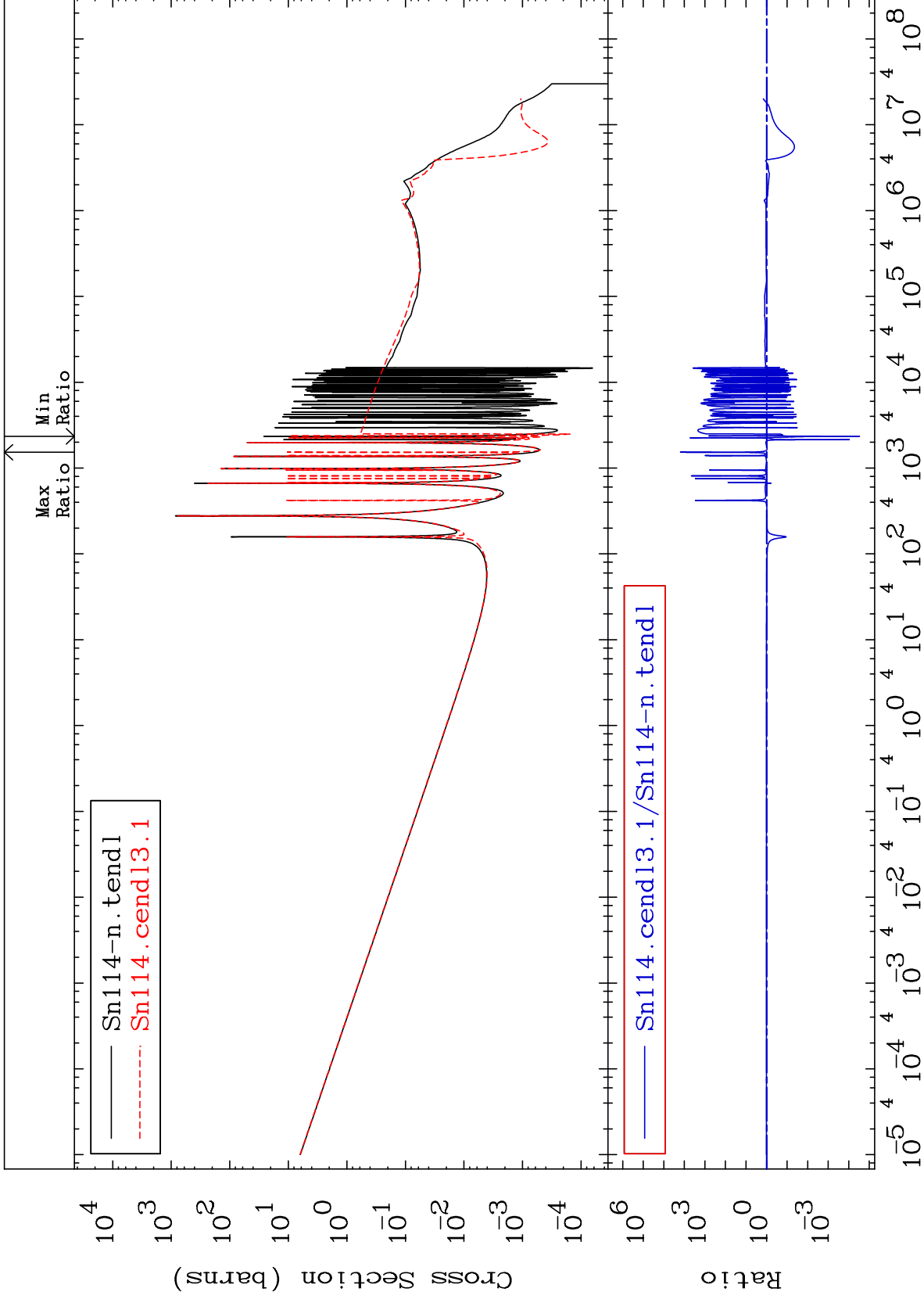
MAT 5031

50-Sn-114

-100.0 To 9999. %

(n, γ)

Cross Section



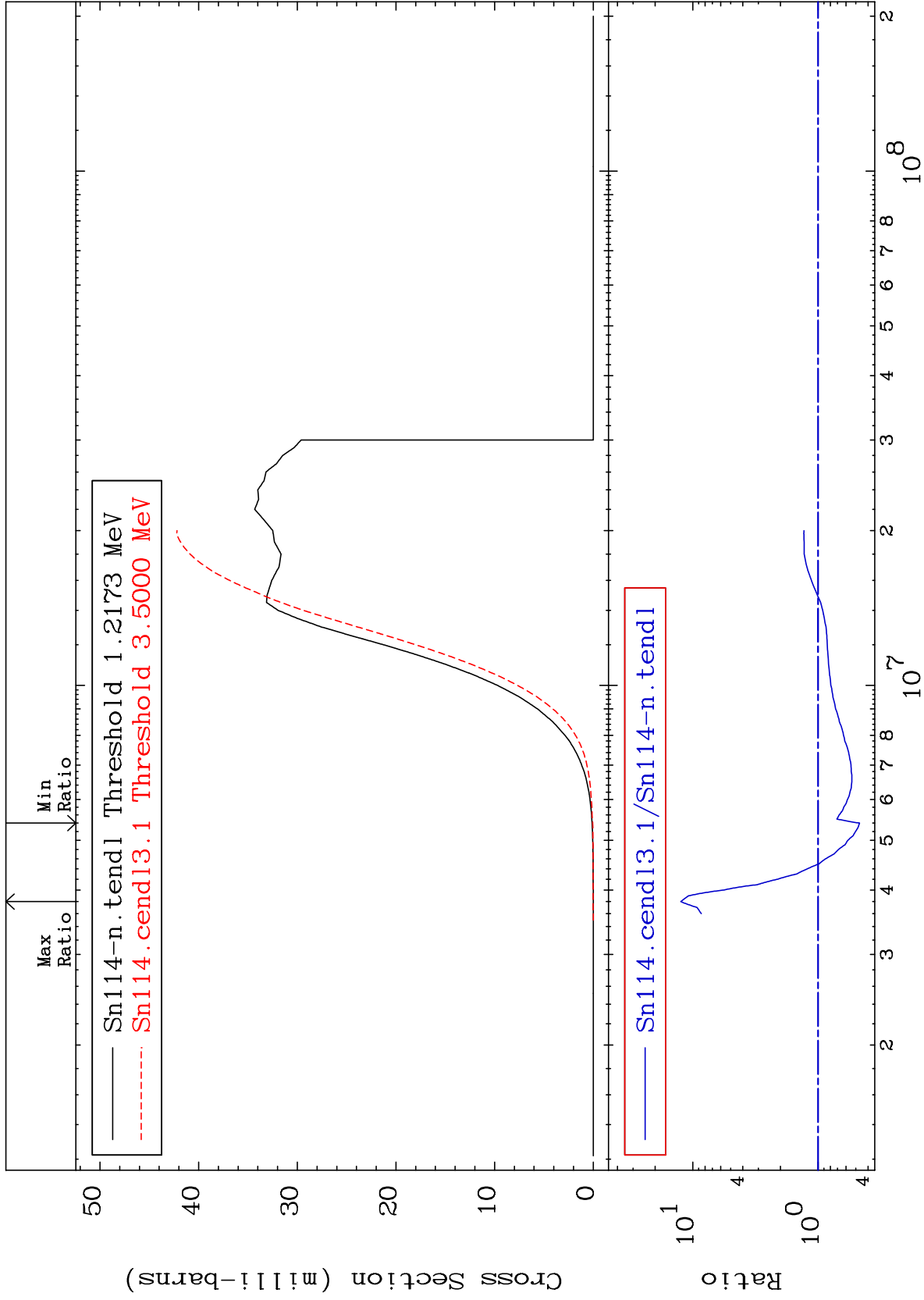
MAT 5031

(n,p)

50-Sn-114

Cross Section

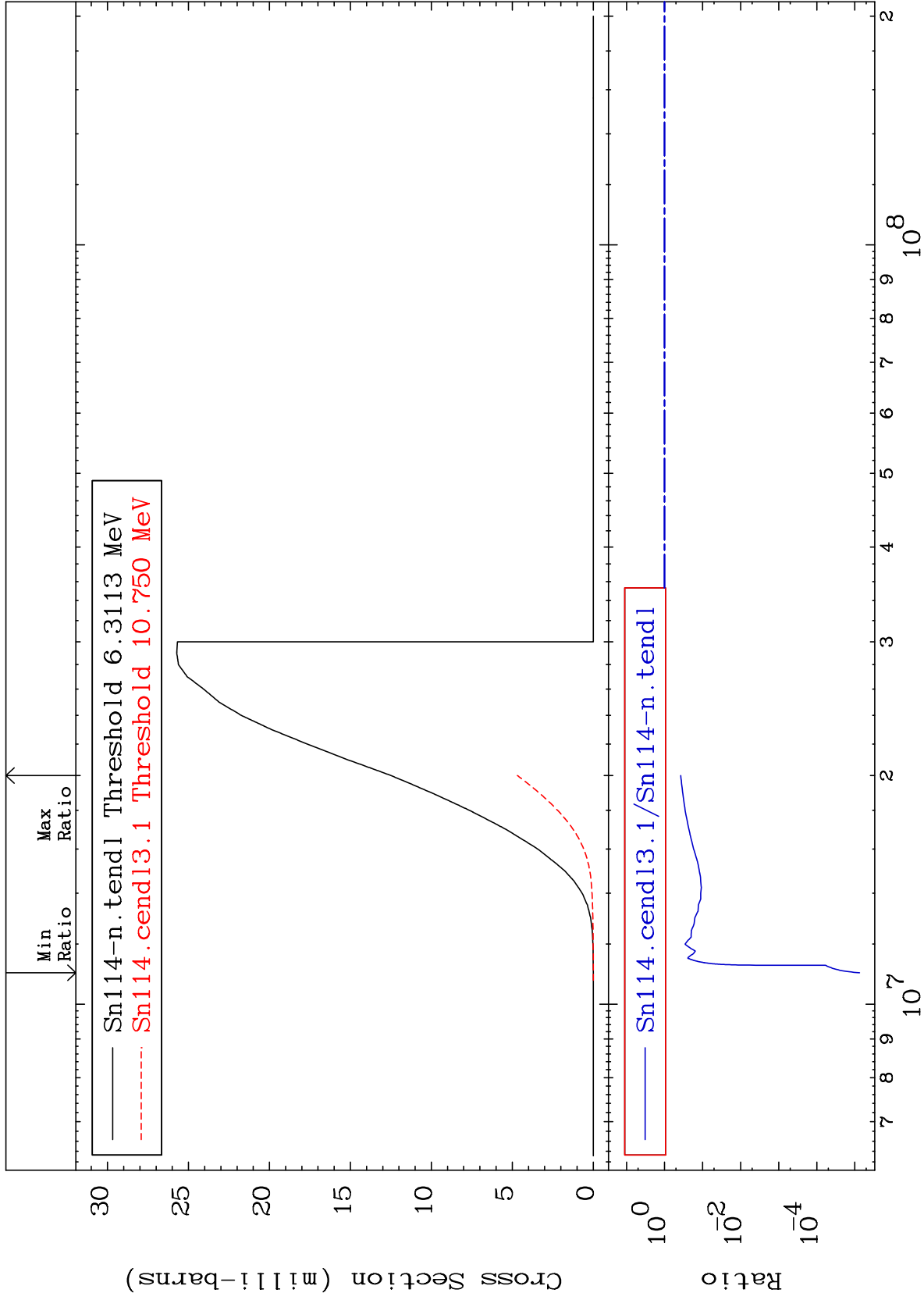
-53.25 To 1149. %



MAT 5031

50-Sn-114

(n, d)
Cross Section
-100.0 To -62.49%



38

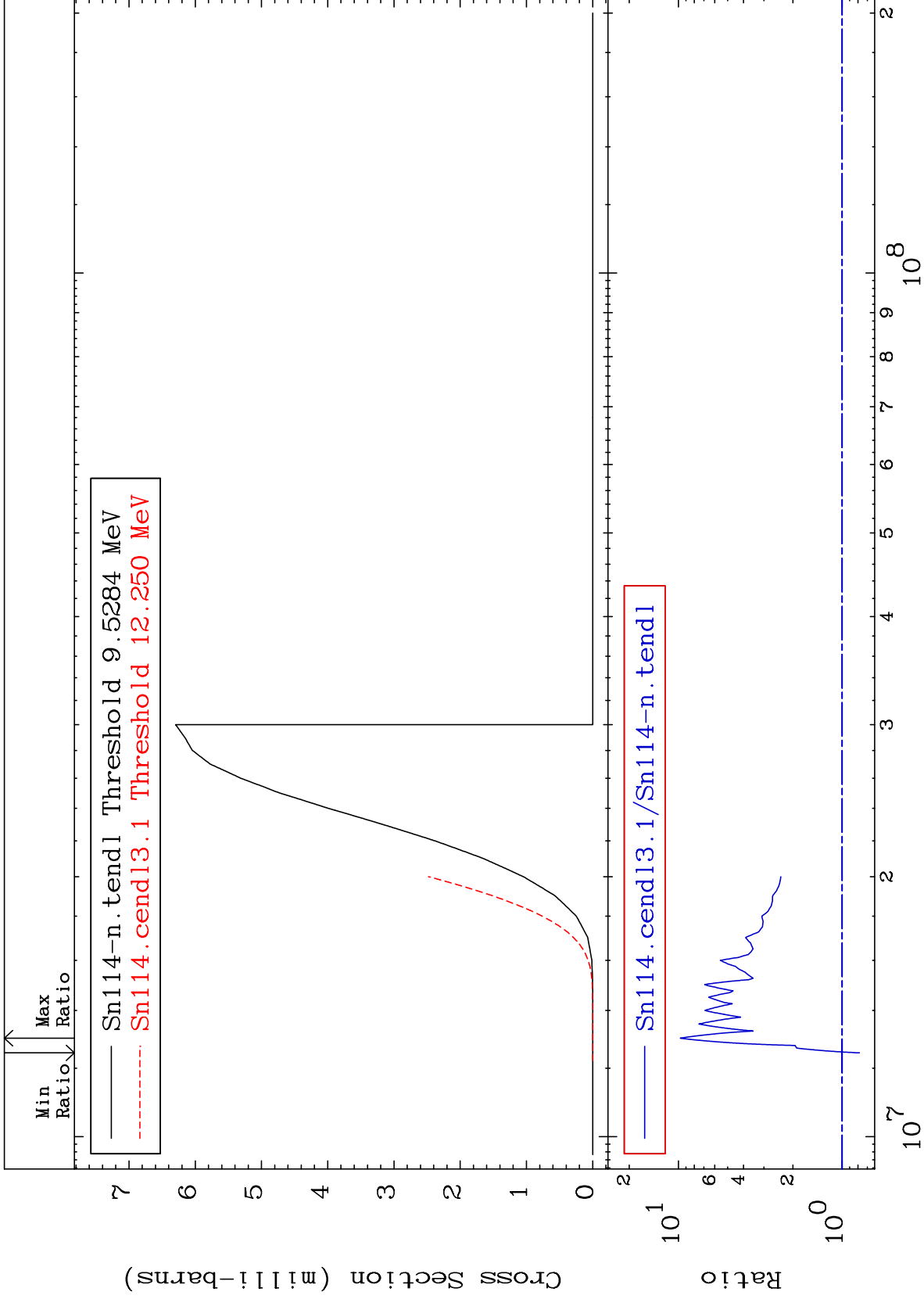
Incident Energy (eV)

50-Sn-114

MAT 5031

(n, t)
Cross Section

50-Sn-114
-21.71 To 874.3 %



39

50-Sn-114

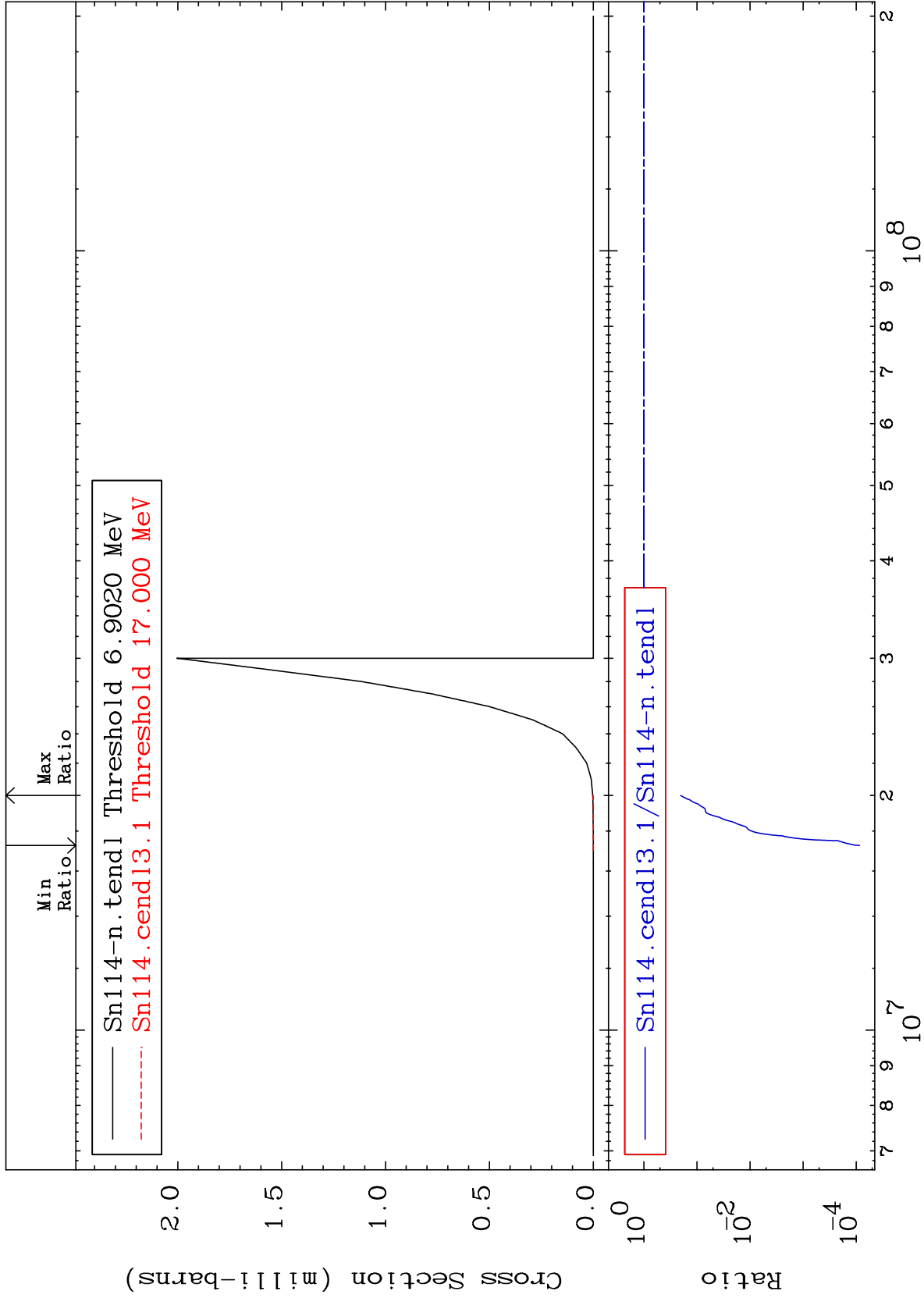
MAT 5031

(n, He-3)

50-Sn-114

Cross Section

-99.99 To -79.81%



40

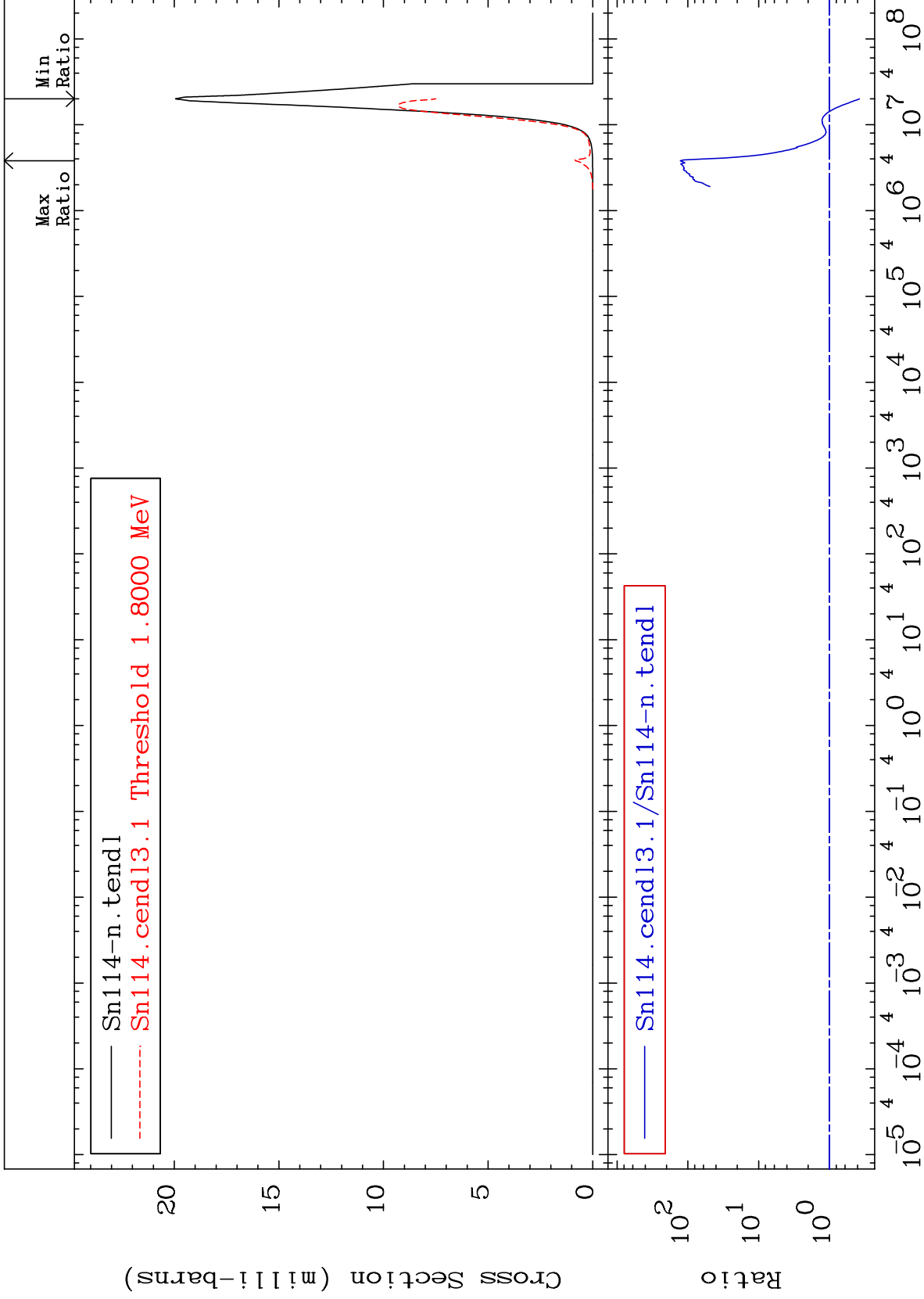
Incident Energy (eV)

50-Sn-114

MAT 5031

(n, α)
Cross Section

50-Sn-114
-62.38 To 9999. %



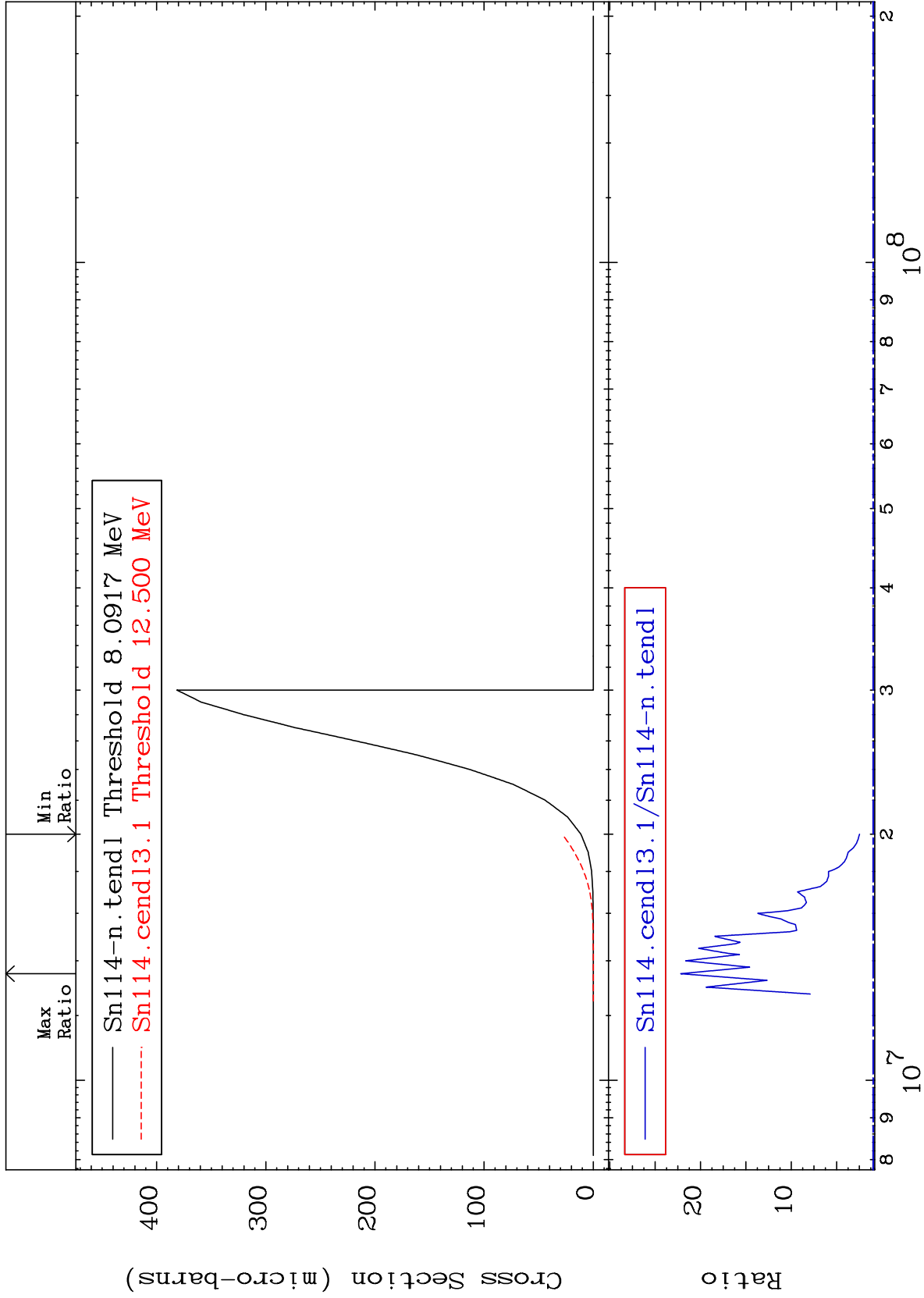
MAT 5031

(n,2p)

50-Sn-114

Cross Section

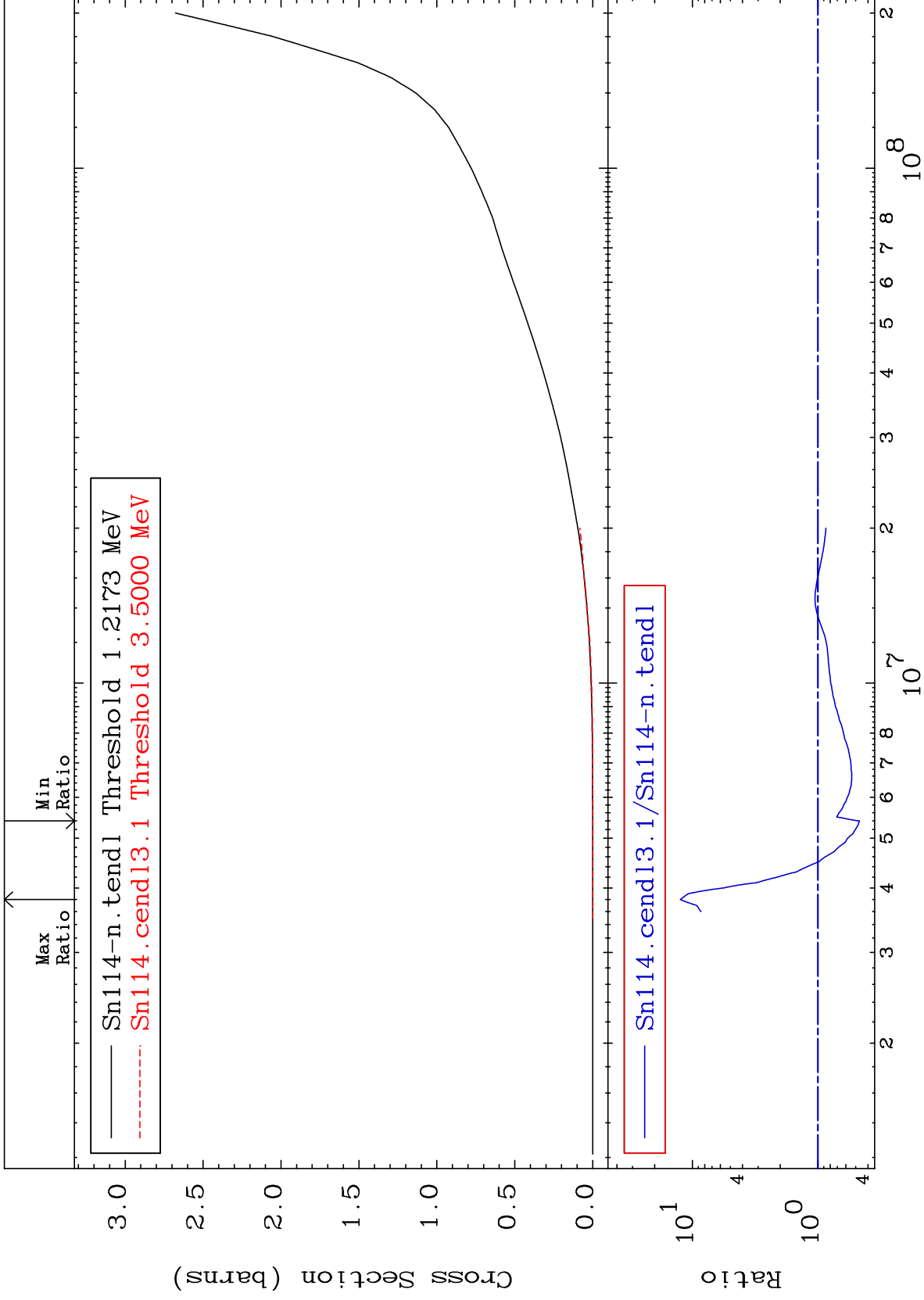
148.6 To 2118. %



42

Incident Energy (eV)

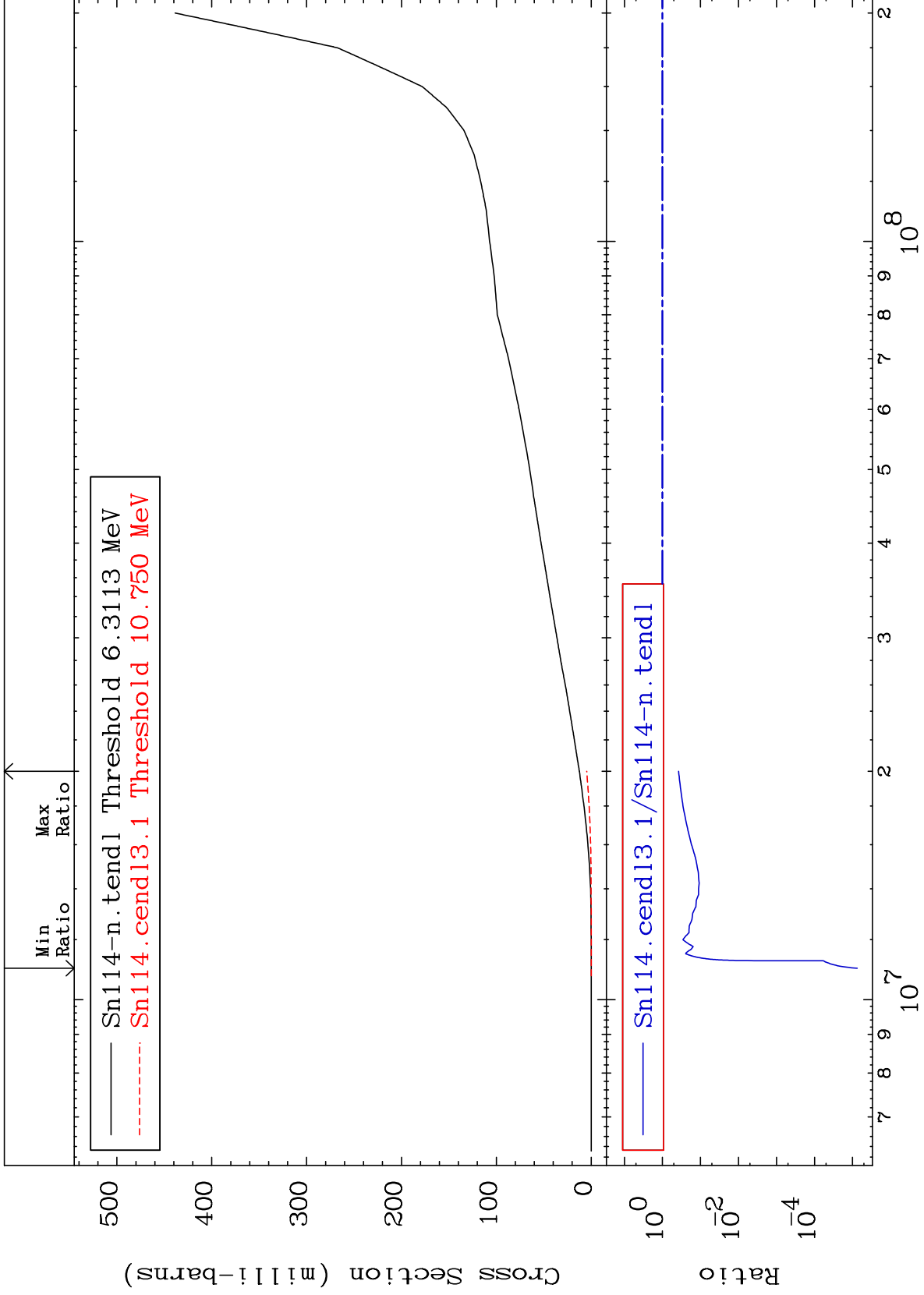
50-Sn-114



MAT 5031

Deuterium Production
Cross Section

50-Sn-114
-100.0 To -62.49%



44

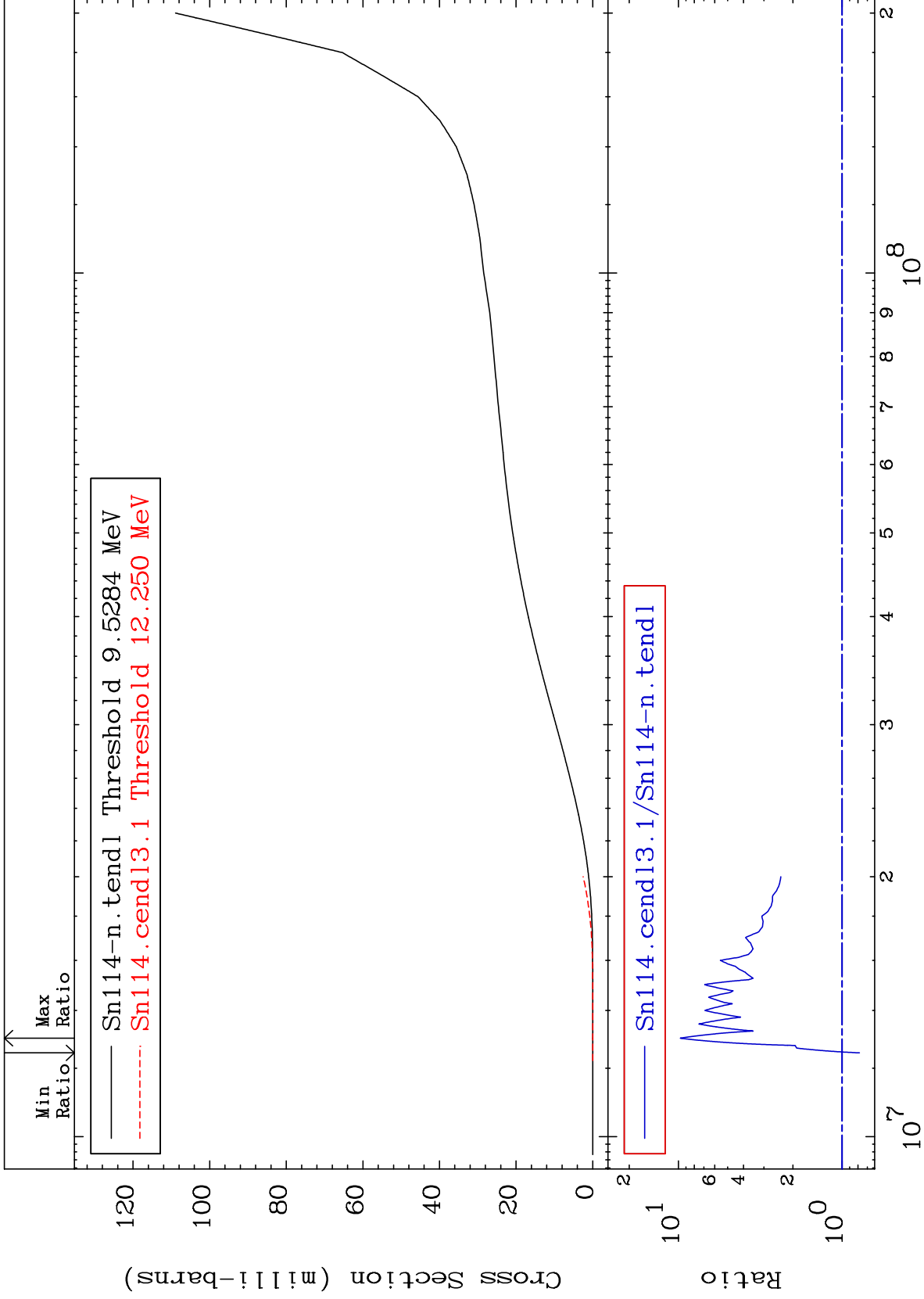
Incident Energy (eV)

50-Sn-114

MAT 5031

Tritium Production
Cross Section

50-Sn-114
-21.71 To 874.3 %



45

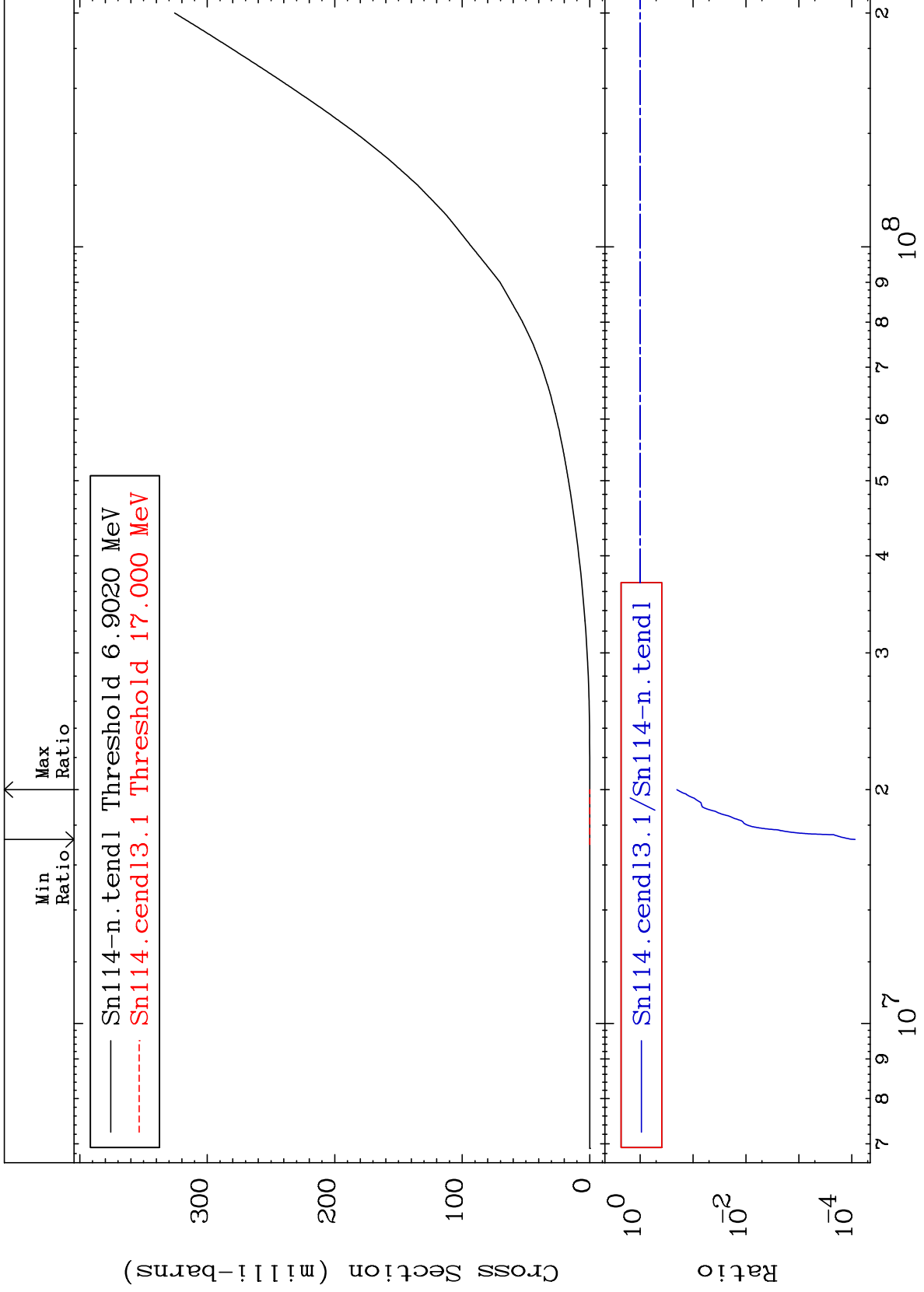
Incident Energy (eV)

50-Sn-114

MAT 5031

He-3 Production
Cross Section

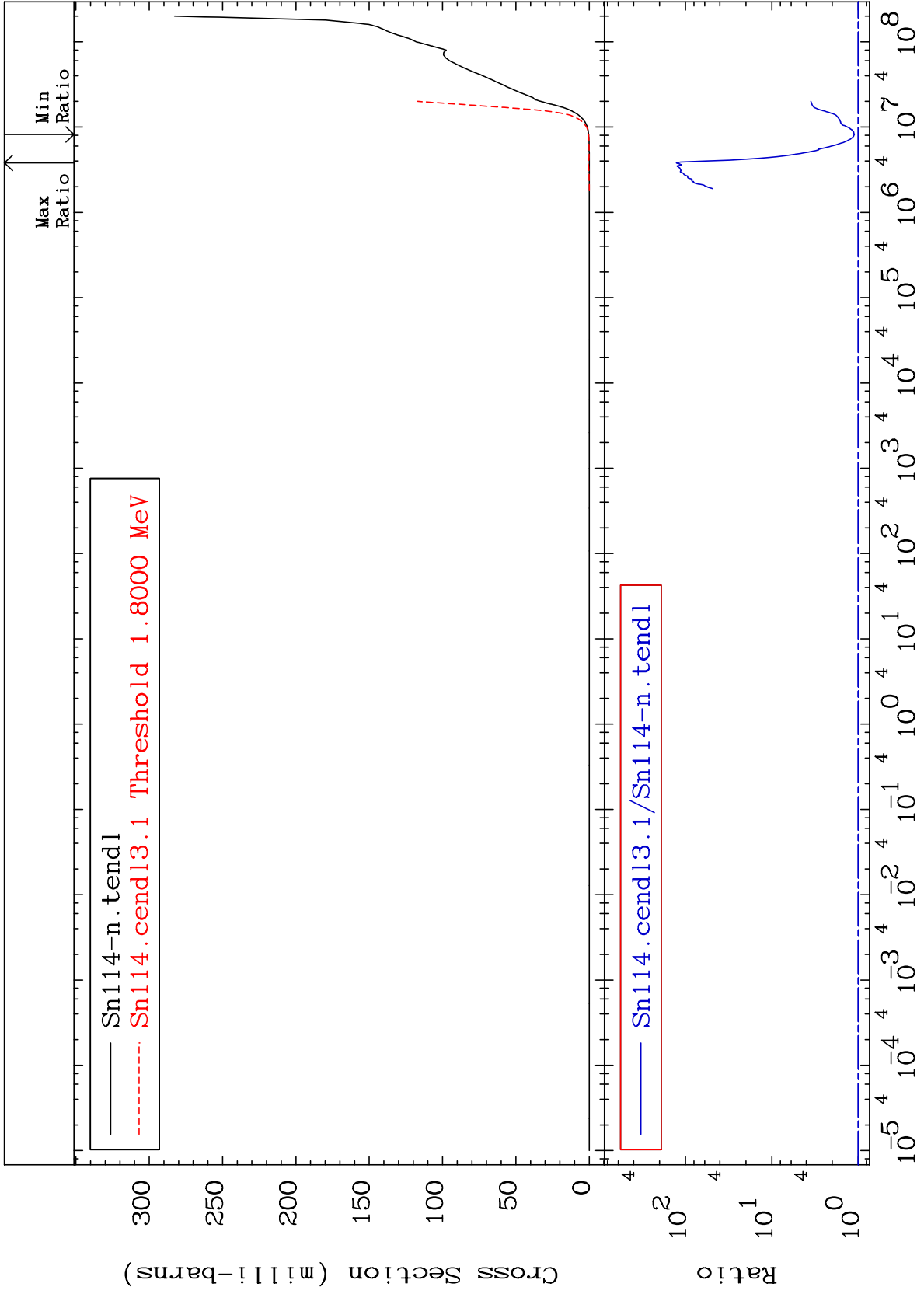
50-Sn-114
-99.99 To -79.81%

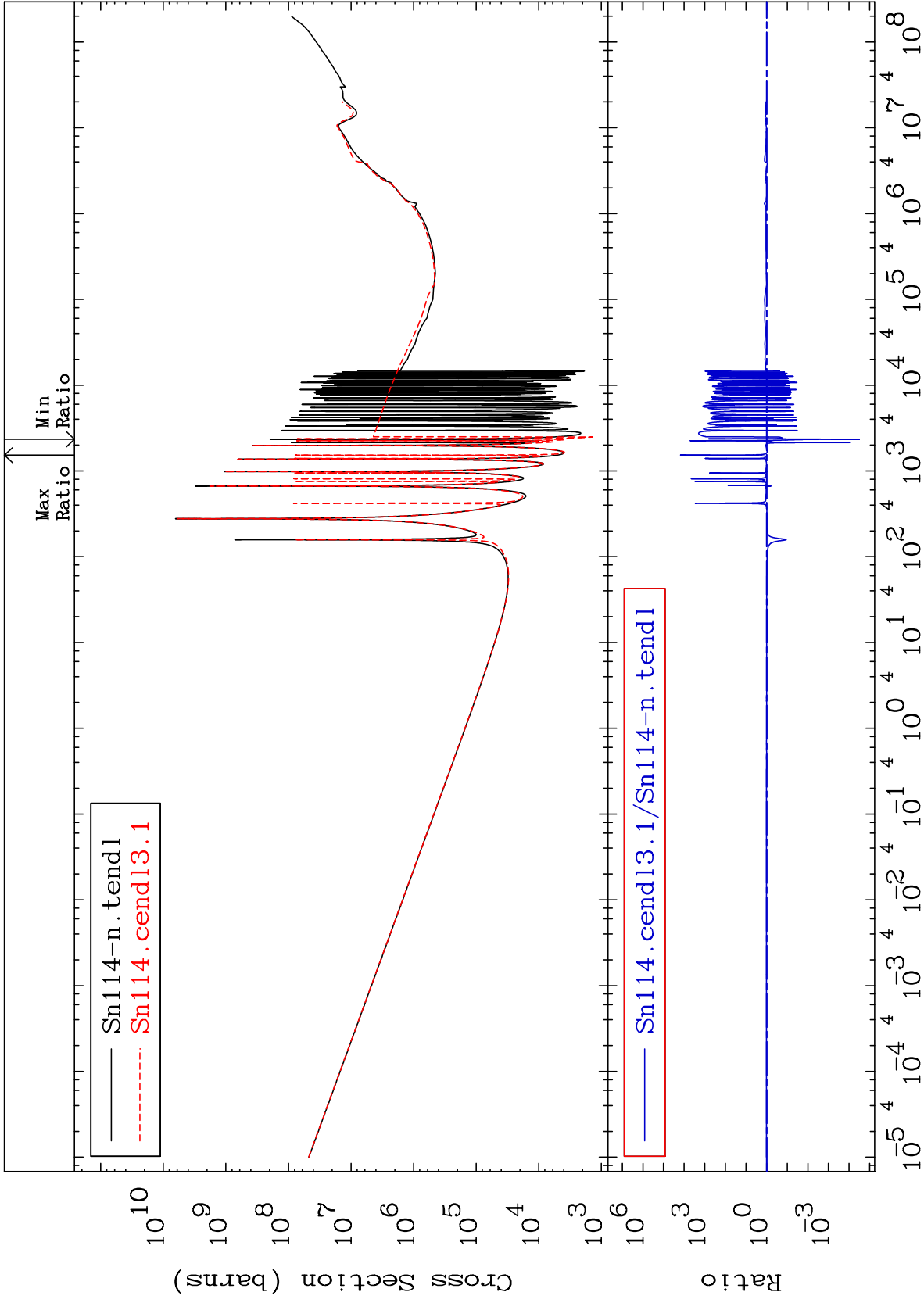


46

Incident Energy (eV)

50-Sn-114

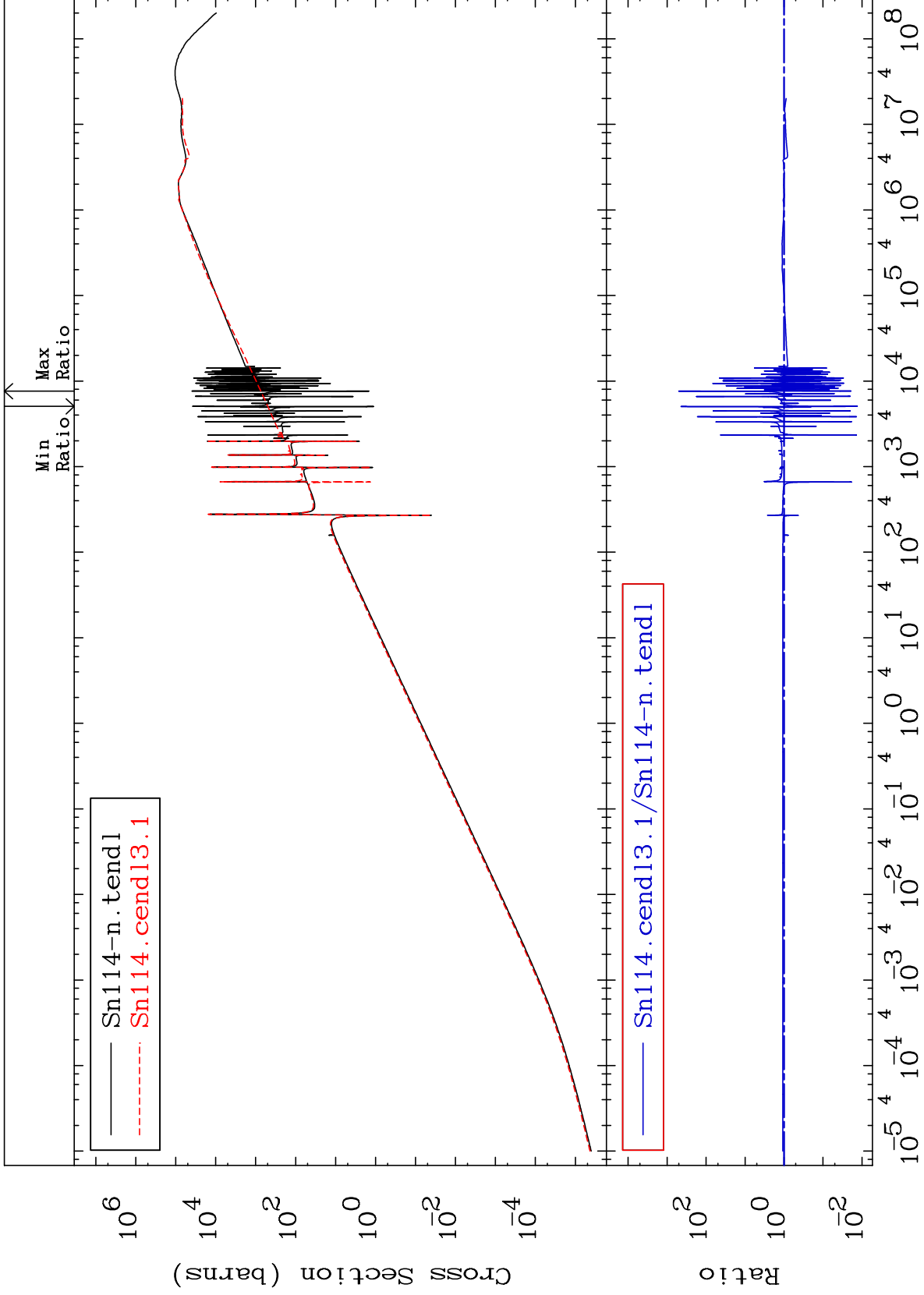


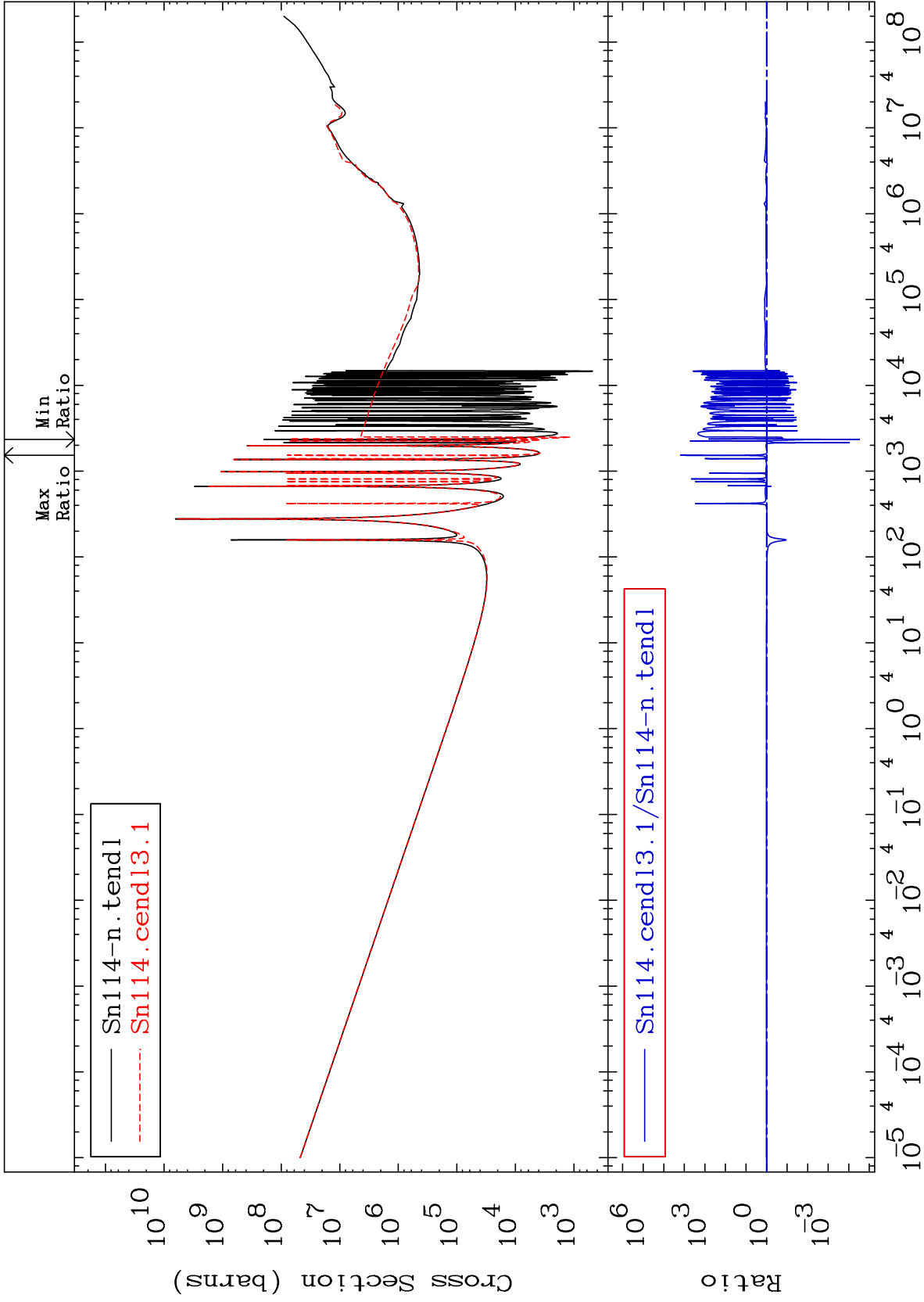


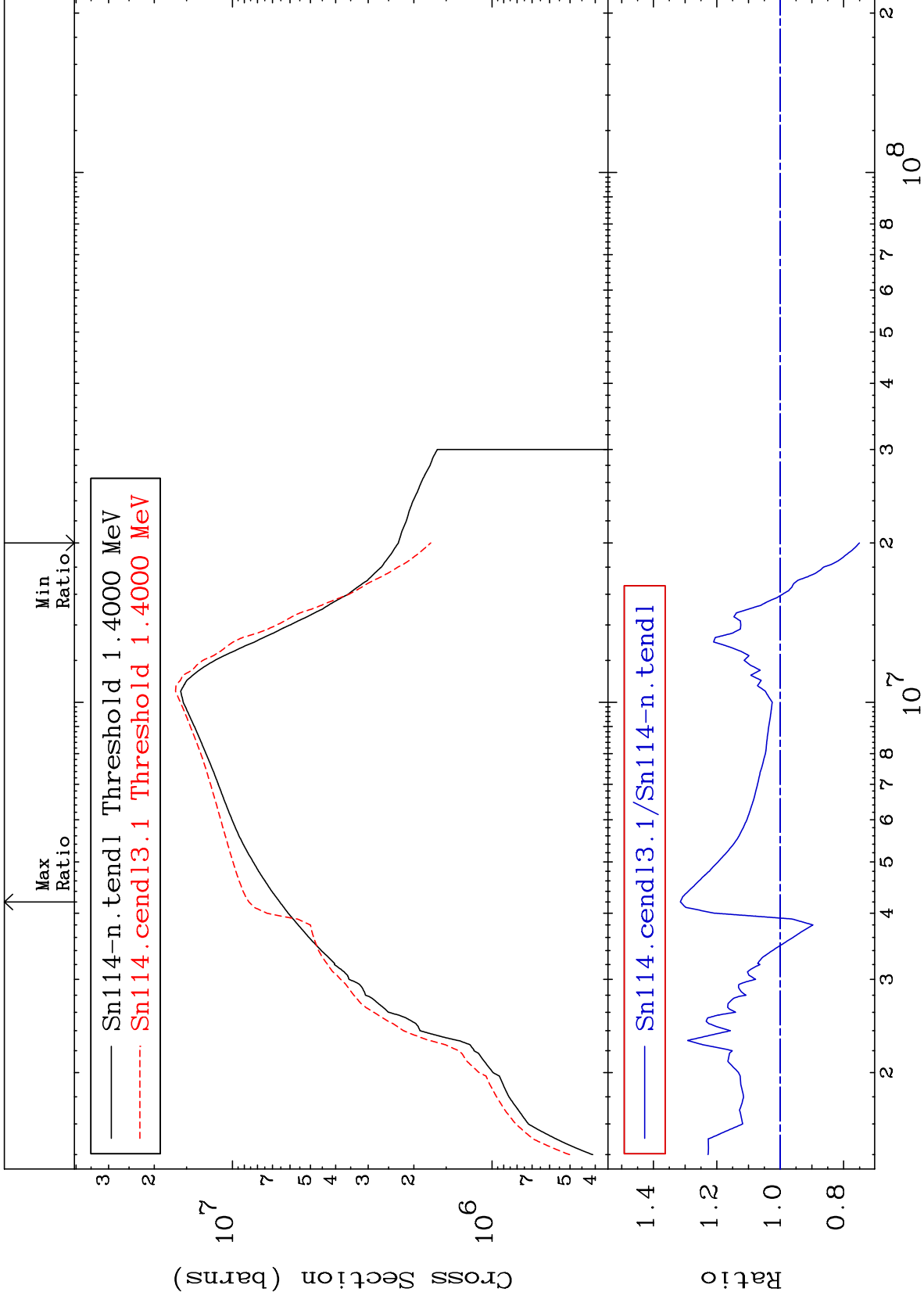
MAT 5031

Kerma elastic
Cross Section

50-Sn-114
-98.68 To 9999. %



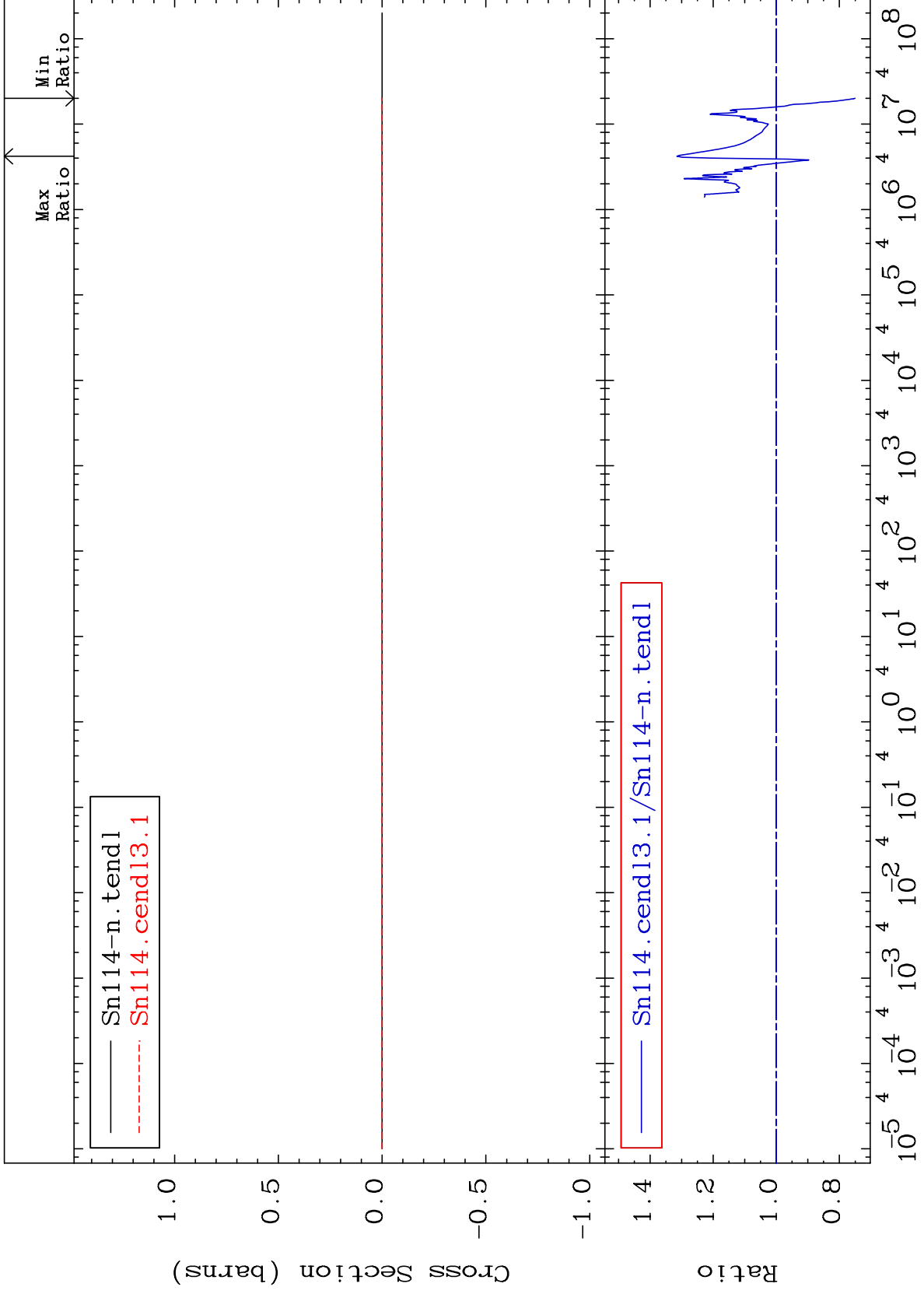




MAT 5031

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

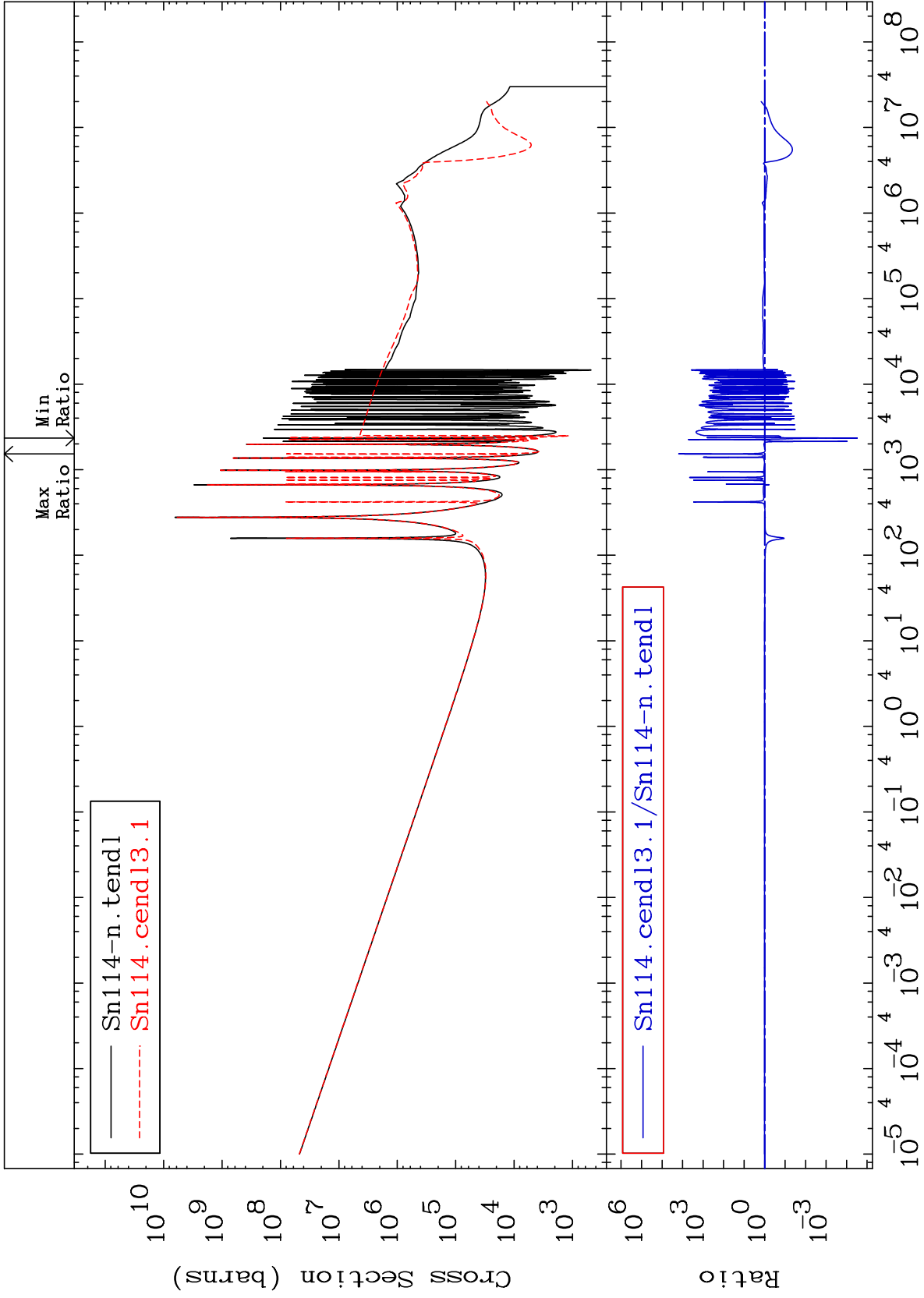
50-Sn-114
-24.97 To 31.49 %



MAT 5031

Kerma capture (mt102)
Cross Section

50-Sn-114
-100.0 To 9999. %



53

Incident Energy (eV)

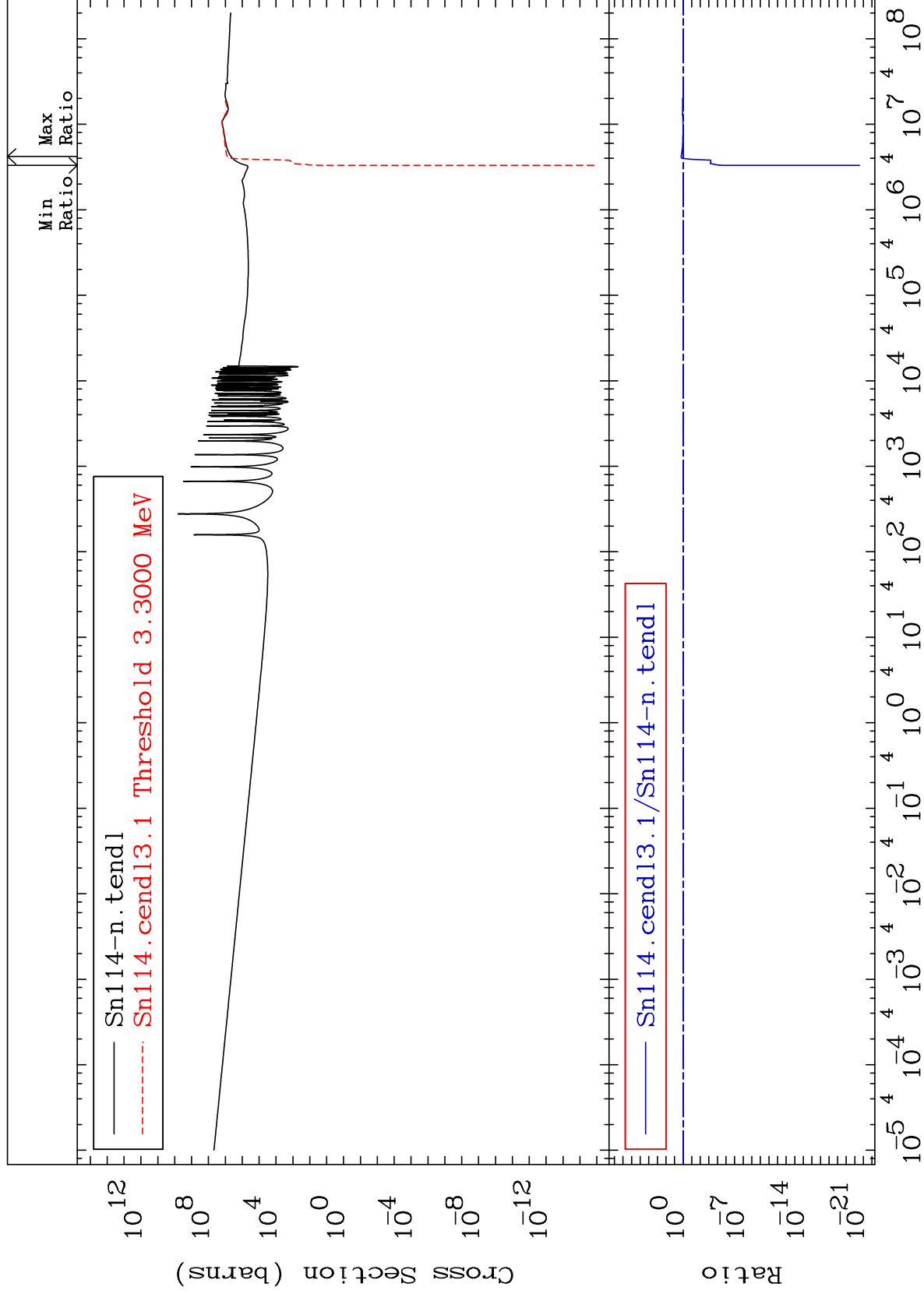
50-Sn-114

MAT 5031

Total photon (eV-barns)
Cross Section

50-Sn-114

-100.0 To 68.15 %



54

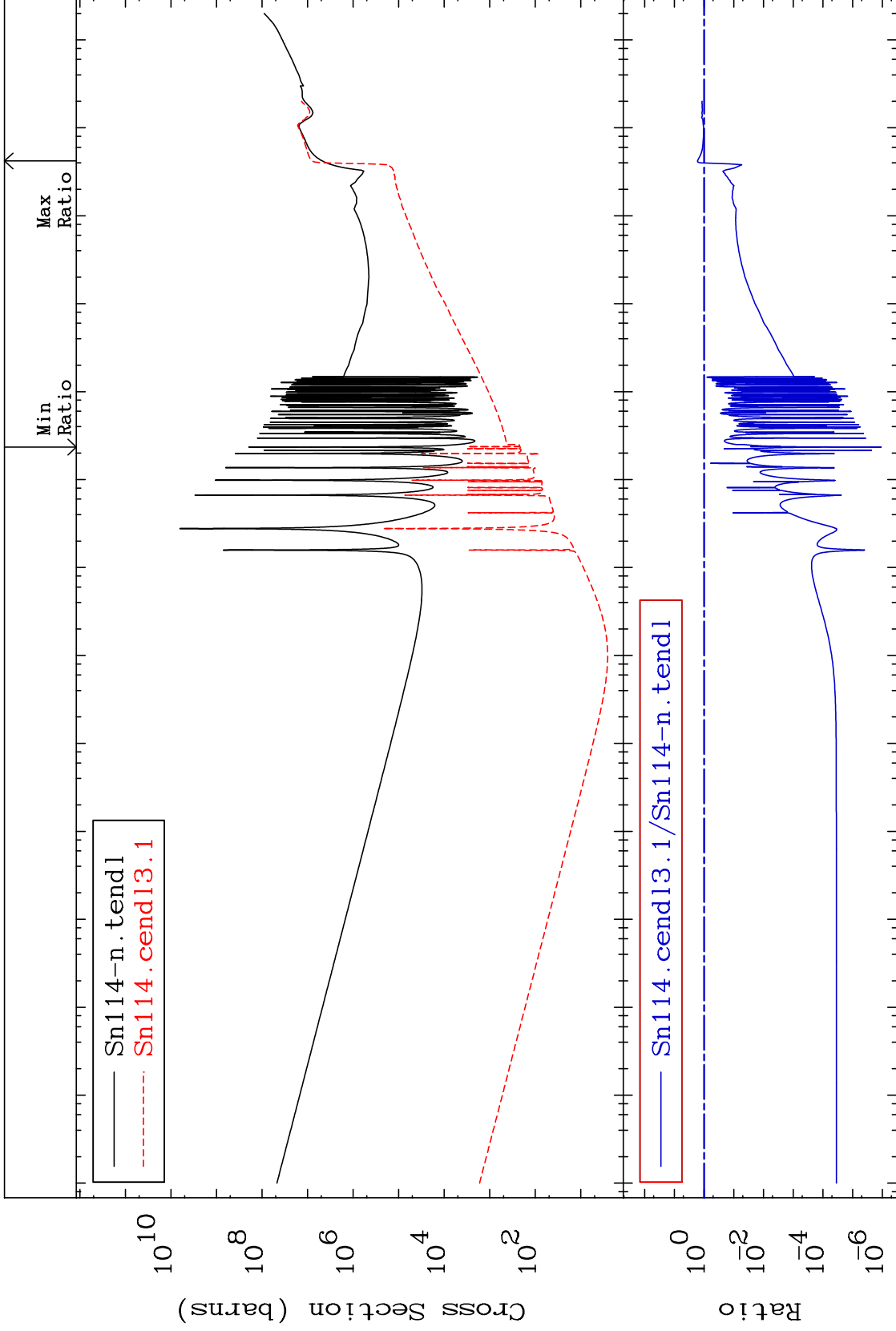
Incident Energy (eV)

50-Sn-114

MAT 5031

Total kinematic kerma (high limit)
Cross Section

50-Sn-114
-100.0 To 65.98 %



55

Incident Energy (eV)

50-Sn-114

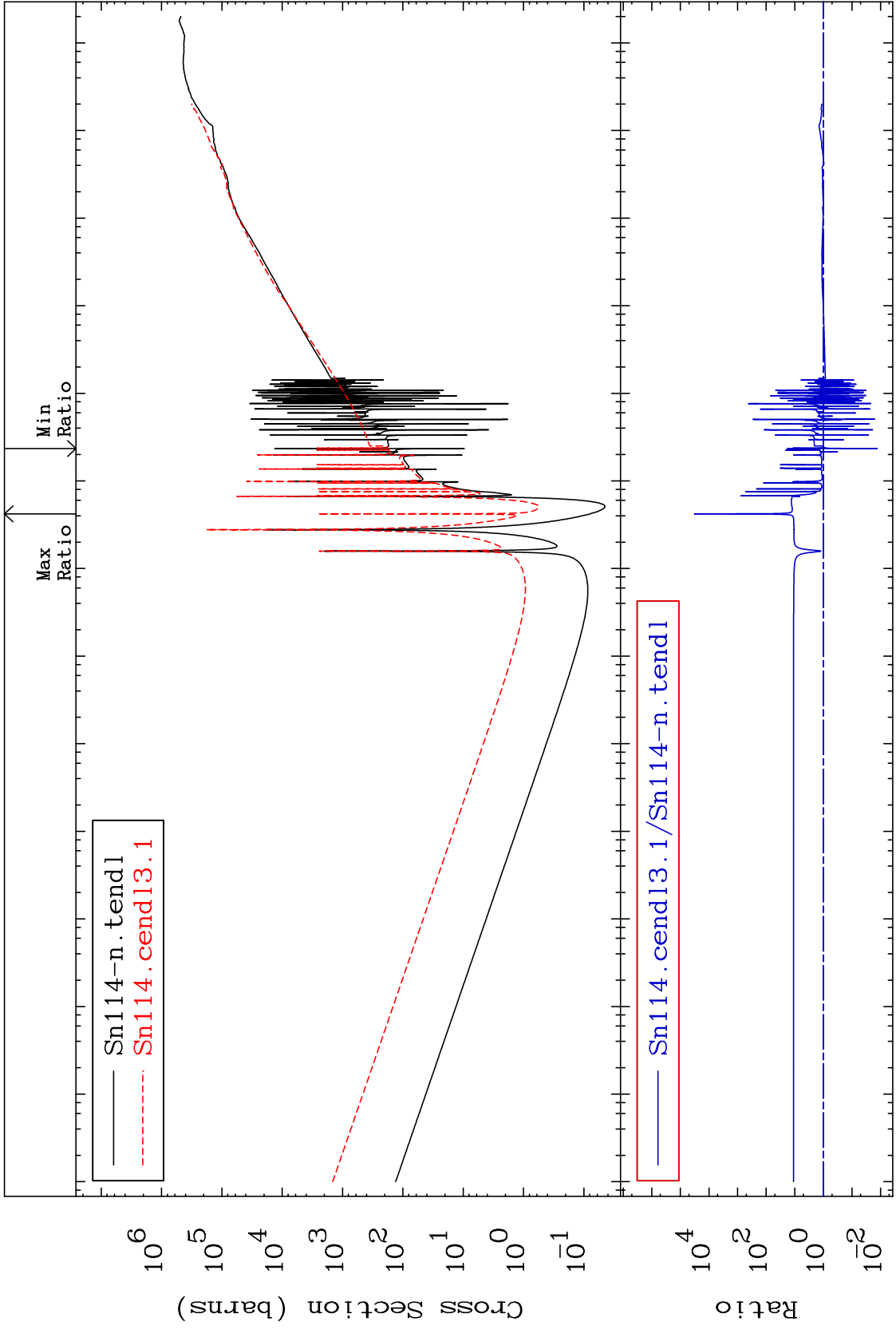
MAT 5031

Dpa total (eV-barns)

50-Sn-114

-98.69 To 9999. %

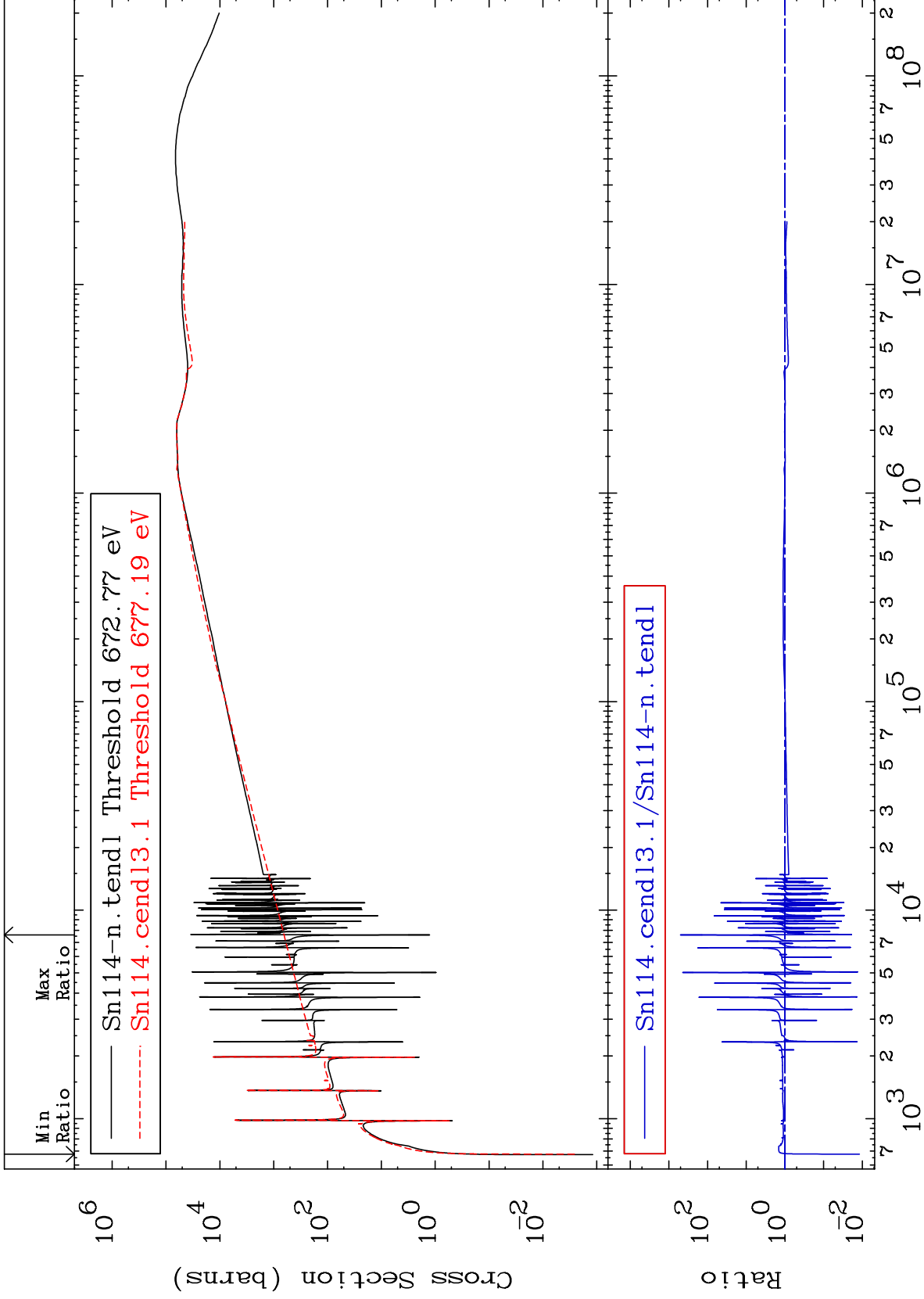
Cross Section



MAT 5031

Dpa elastic (mt2)
Cross Section

50-Sn-114
-98.81 To 9999. %



57

Incident Energy (eV)

50-Sn-114

Cross Section

4.457

To 134.7 %

