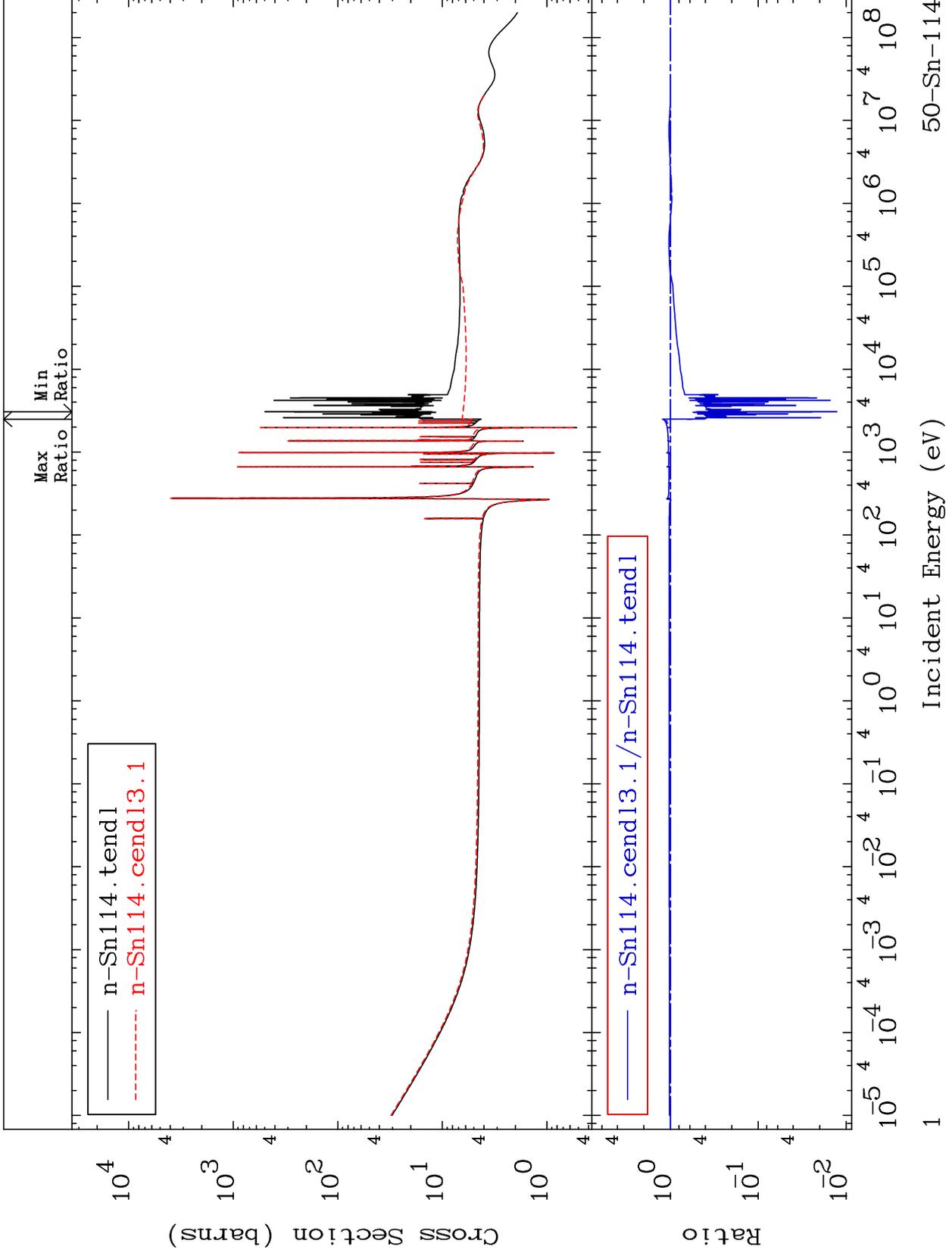


MAT 5031

Total
Cross Section

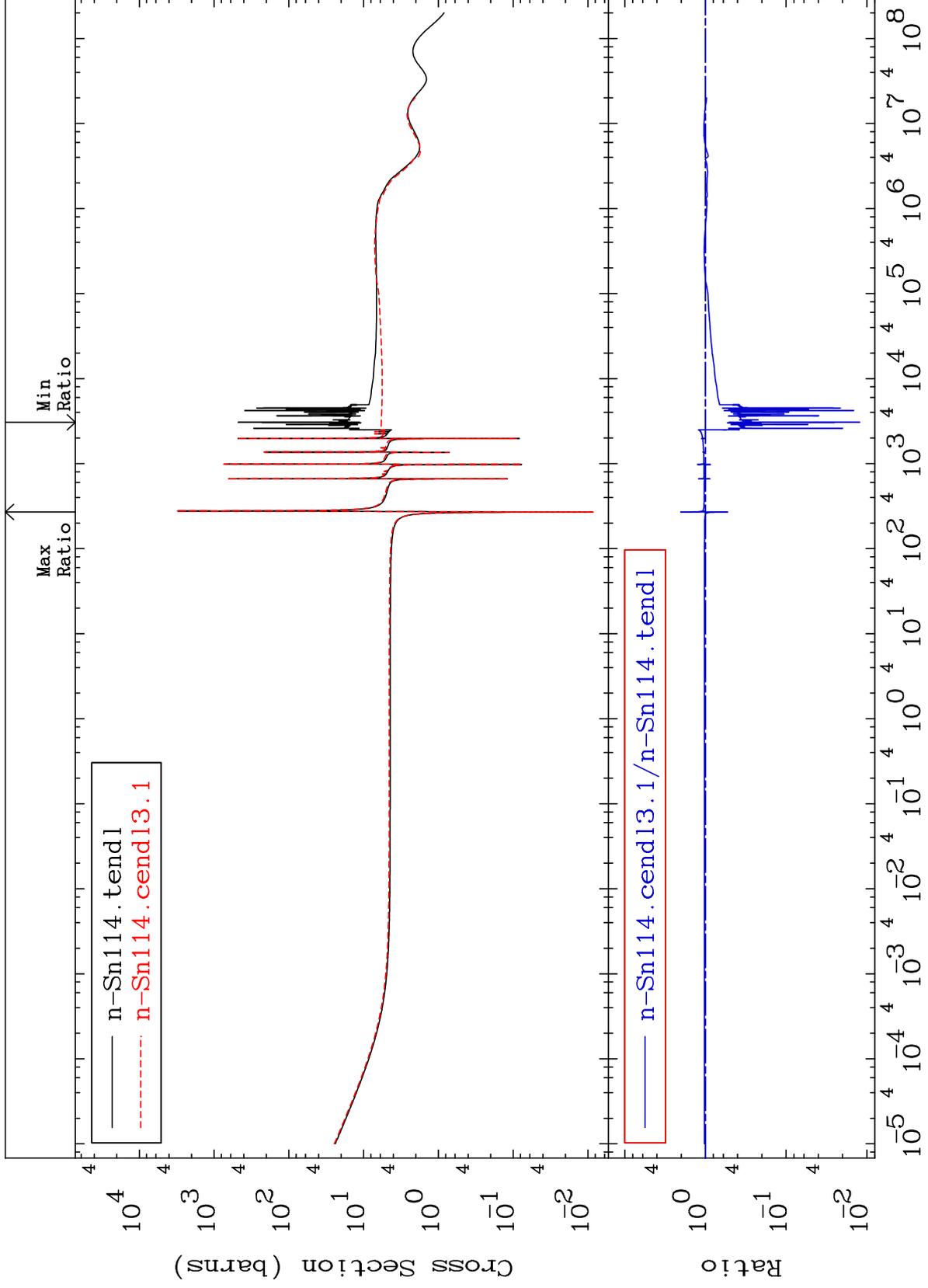
50-Sn-114
-98.72 To 23.37 %



MAT 5031

Elastic
Cross Section

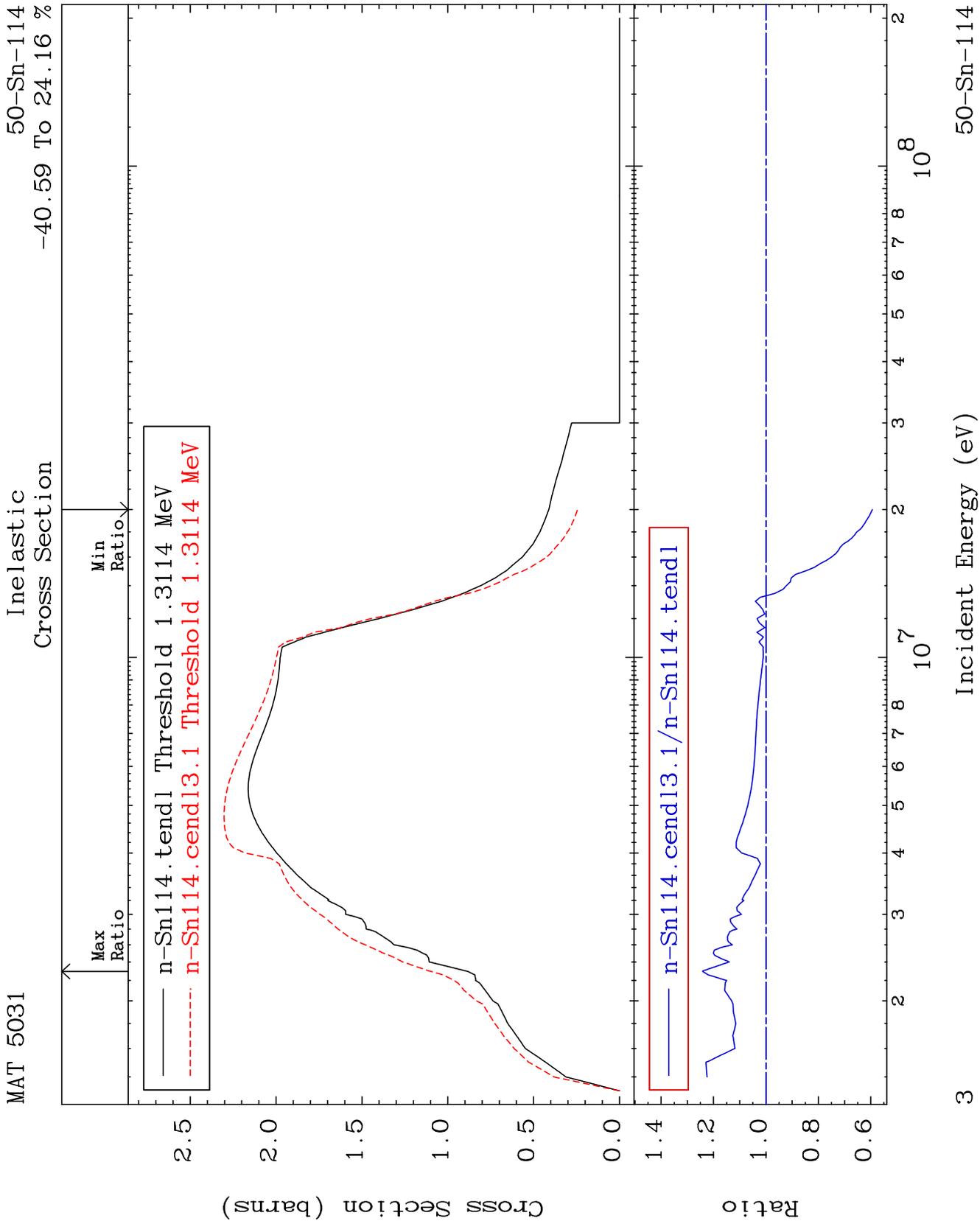
50-Sn-114
-98.77 To 103.1 %



Incident Energy (eV)

50-Sn-114

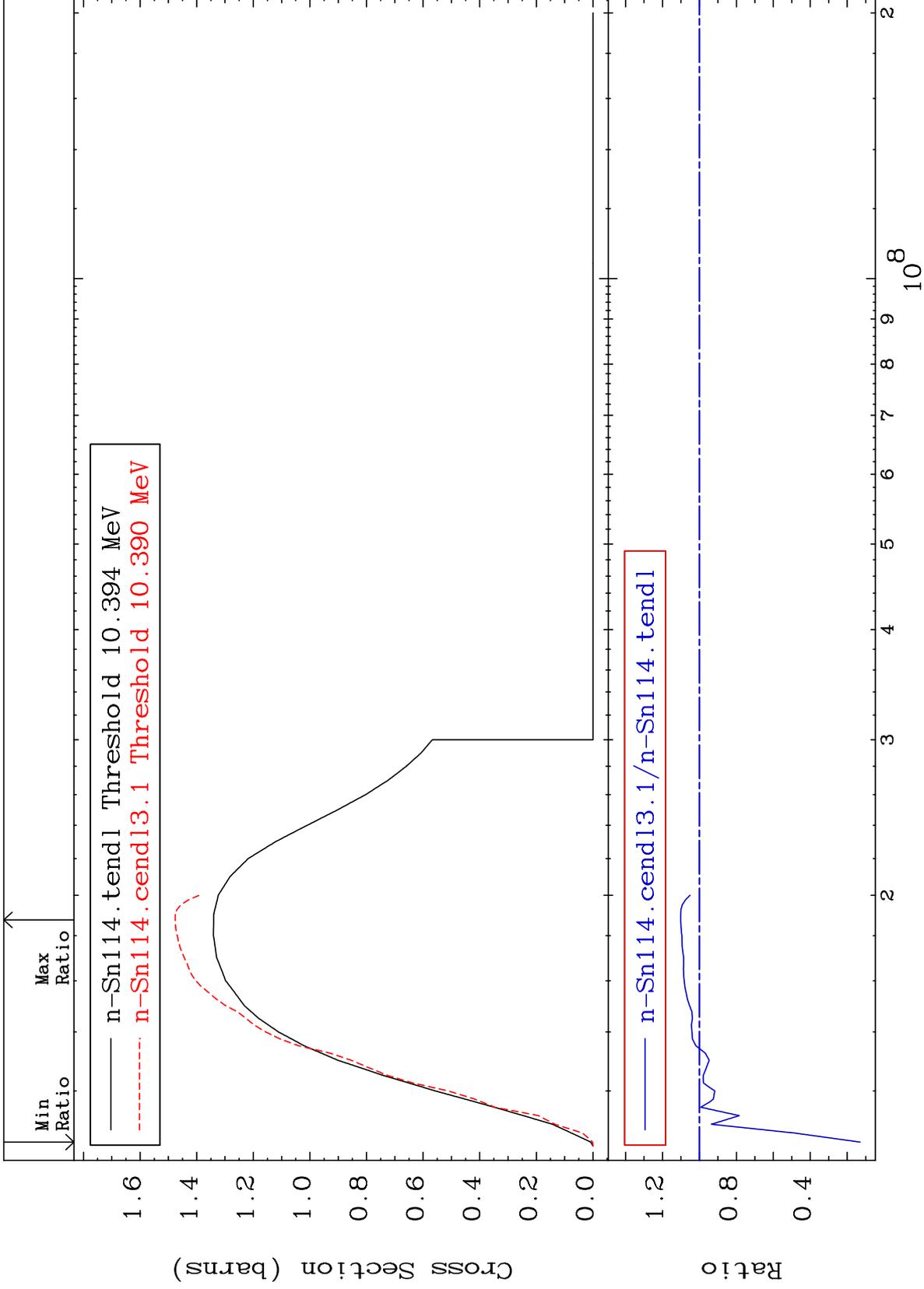
2



MAT 5031

(n,2n)
Cross Section

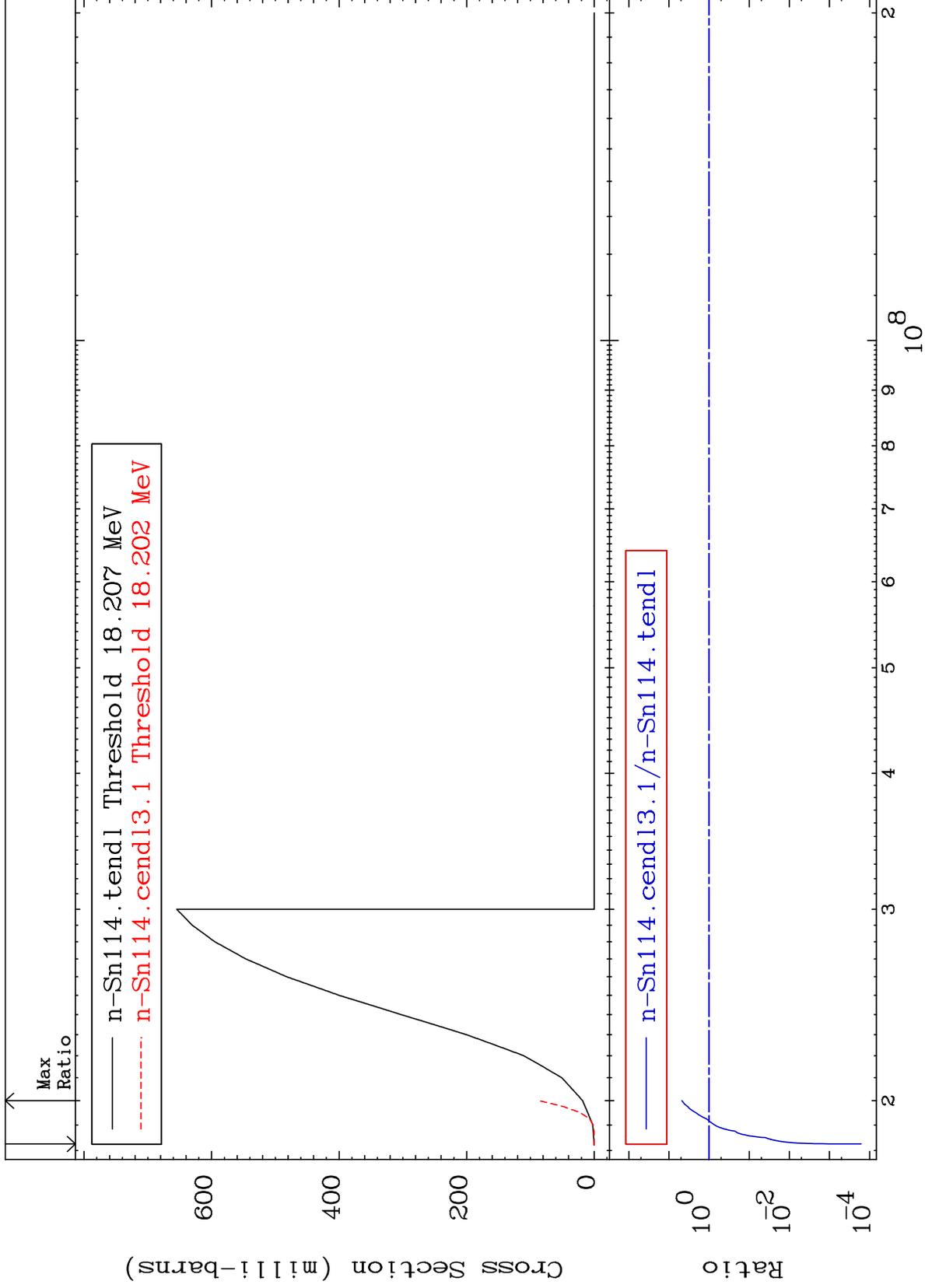
50-Sn-114
-87.00 To 10.12 %



MAT 5031

(n,3n)
Cross Section

50-Sn-114
-99.98 To 375.4 %



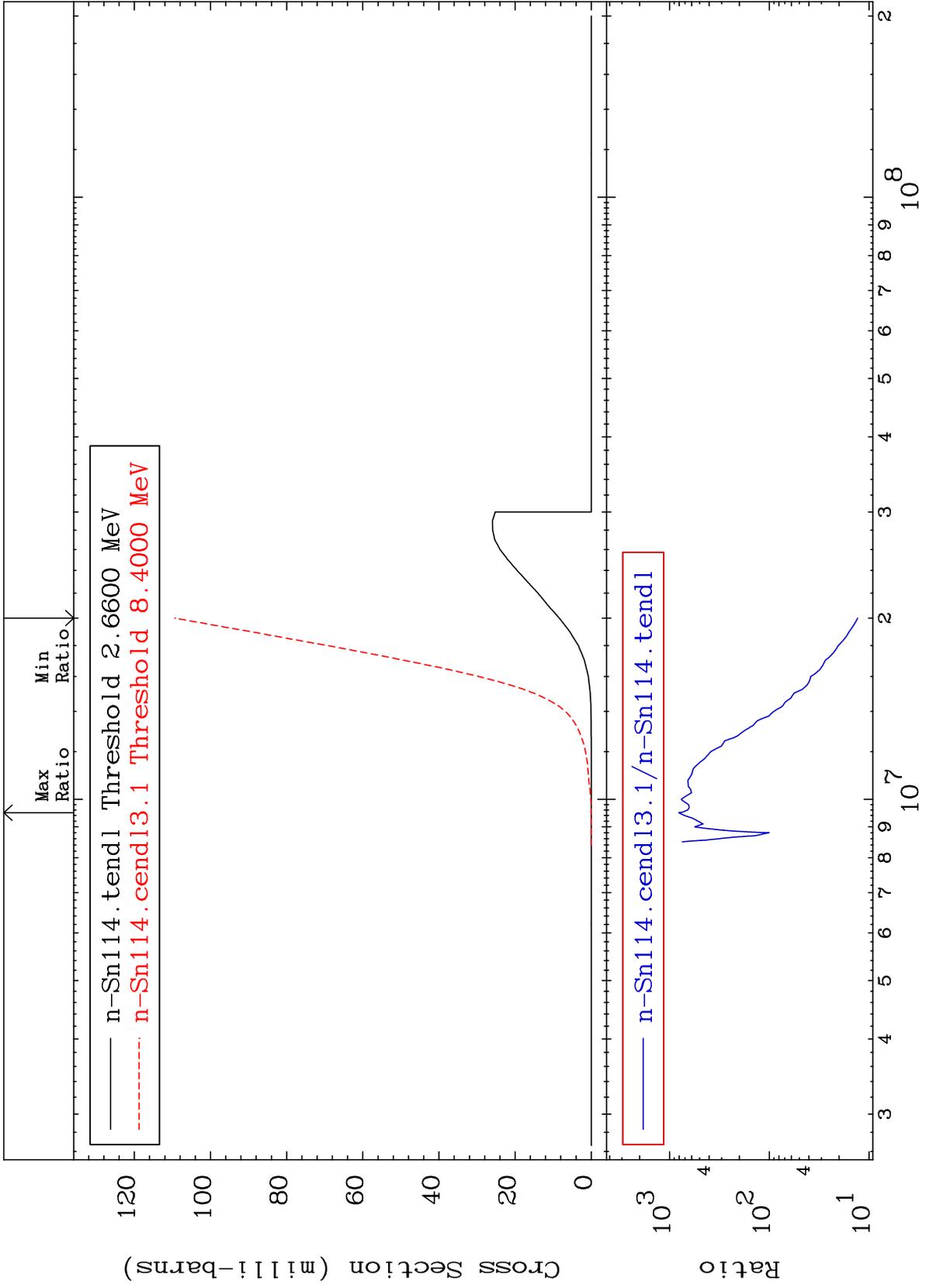
5

Incident Energy (eV)

50-Sn-114

MAT 5031

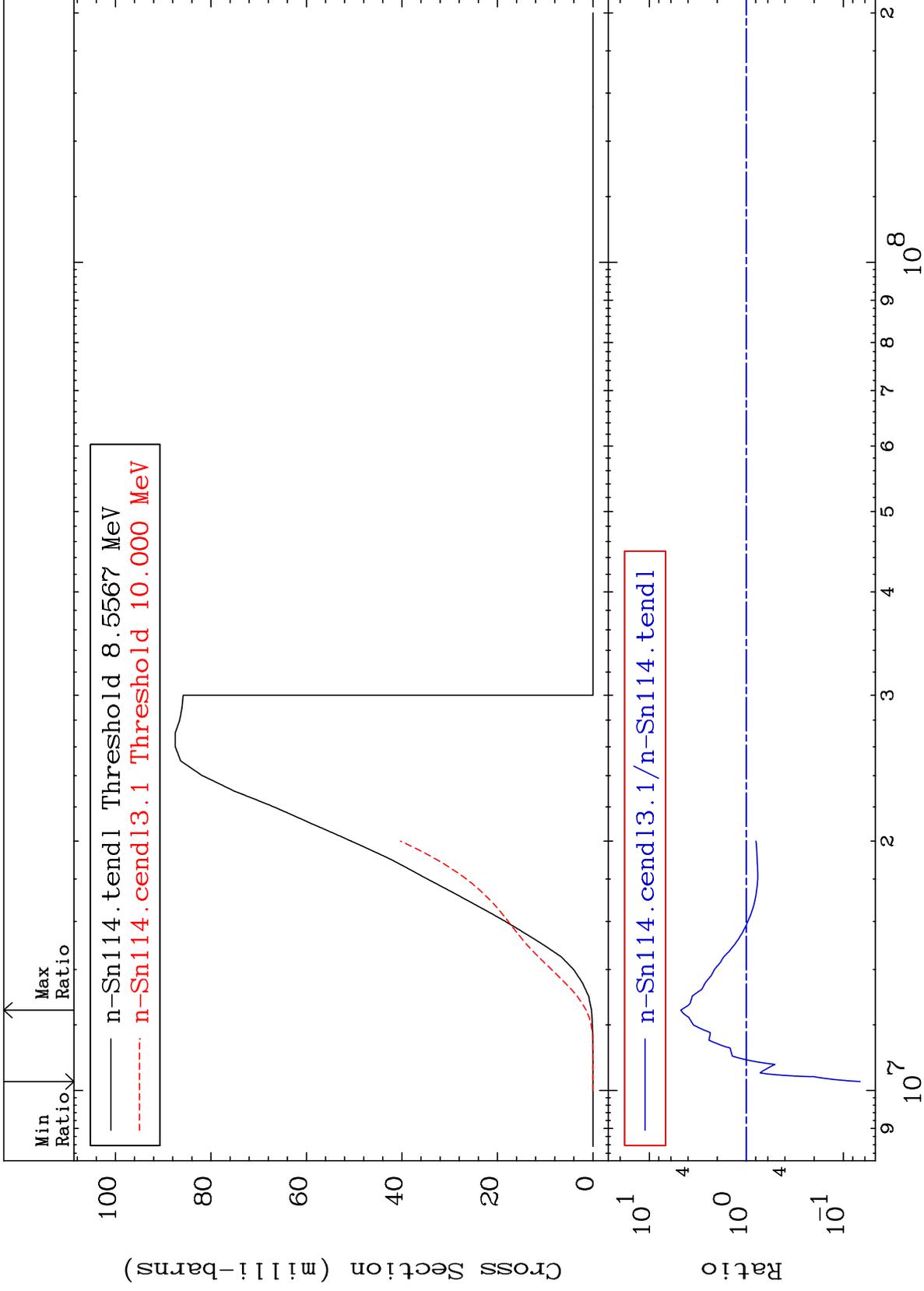
(n,n') α
Cross Section
50-Sn-114
1201. To 9999. %



MAT 5031

(n,n') p
Cross Section

50-Sn-114
-93.28 To 375.1 %



7

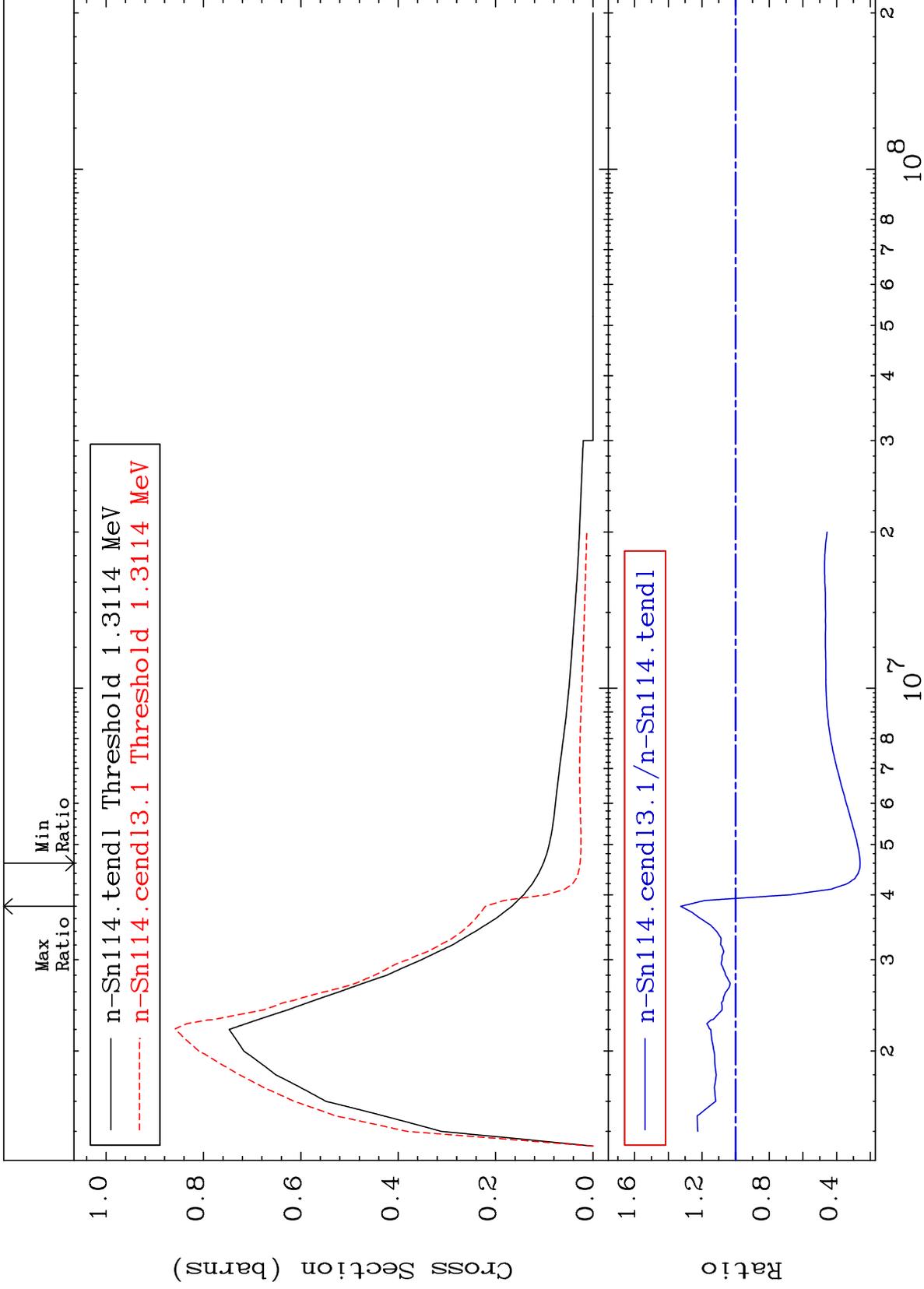
Incident Energy (eV)

50-Sn-114

MAT 5031

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

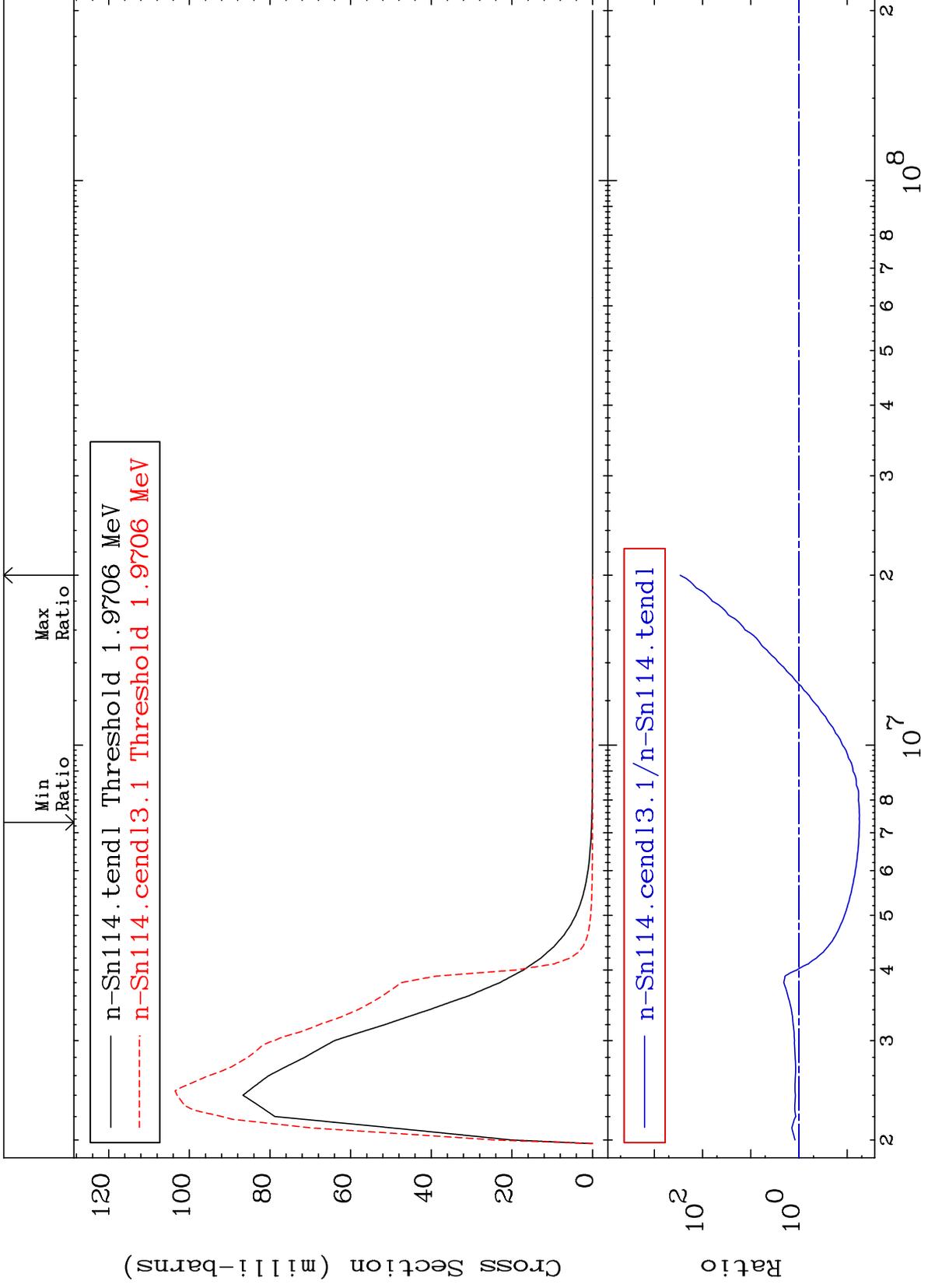
50-Sn-114
-73.95 To 32.59 %



MAT 5031

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

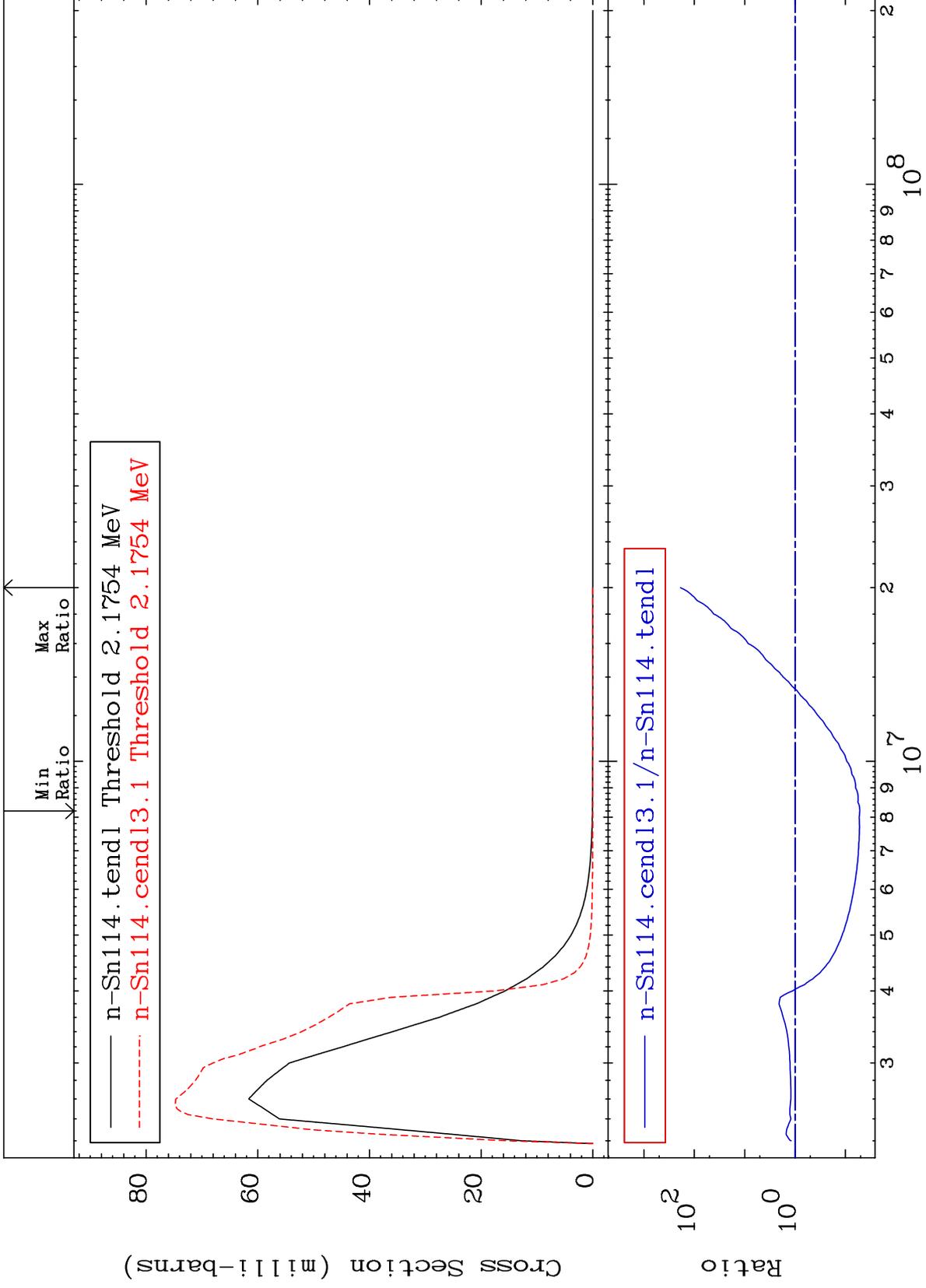
50-Sn-114
-94.44 To 9999. %



MAT 5031

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

50-Sn-114
-94.81 To 9999. %



10

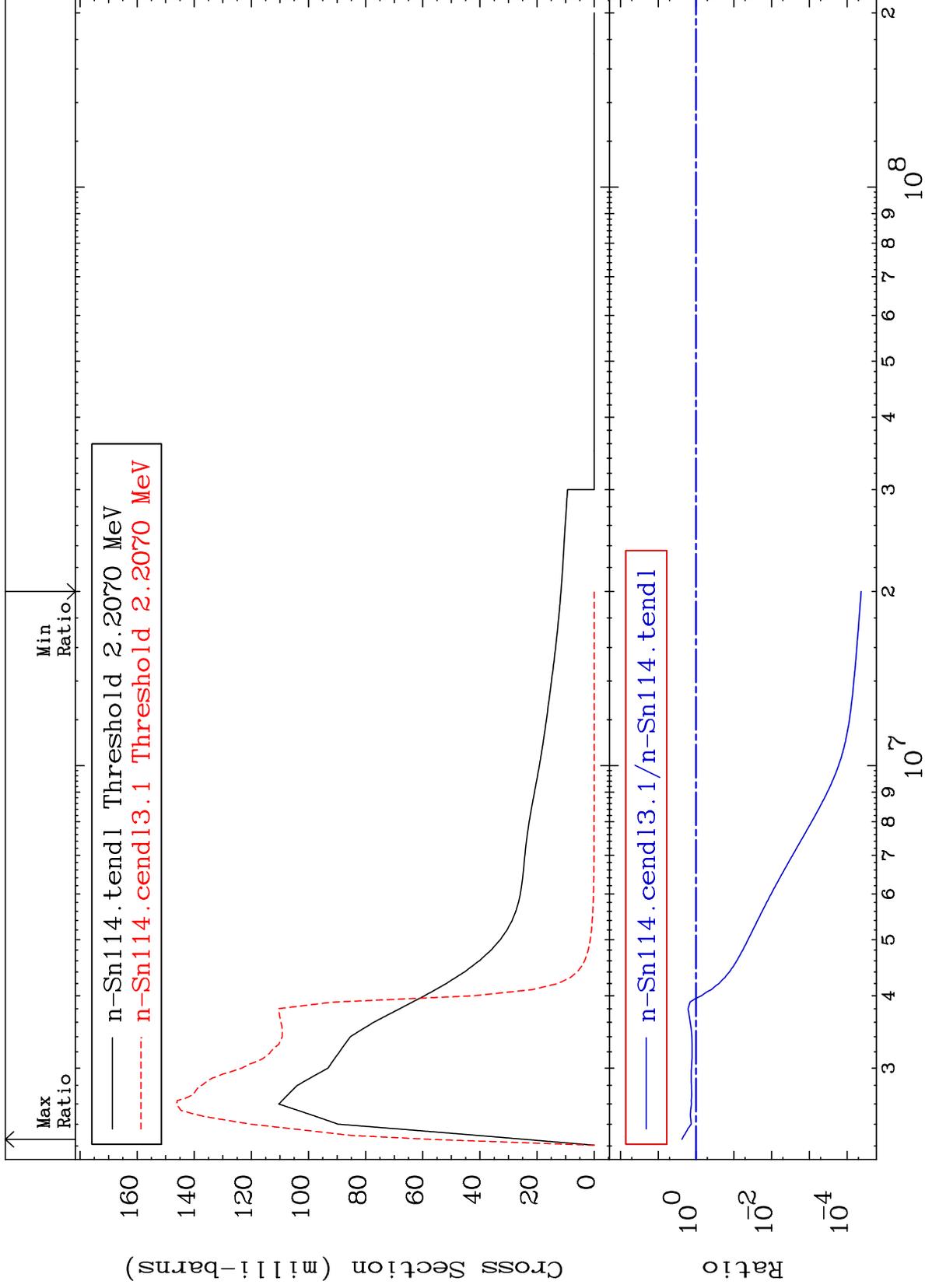
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114
-100.0 To 136.4 %



11

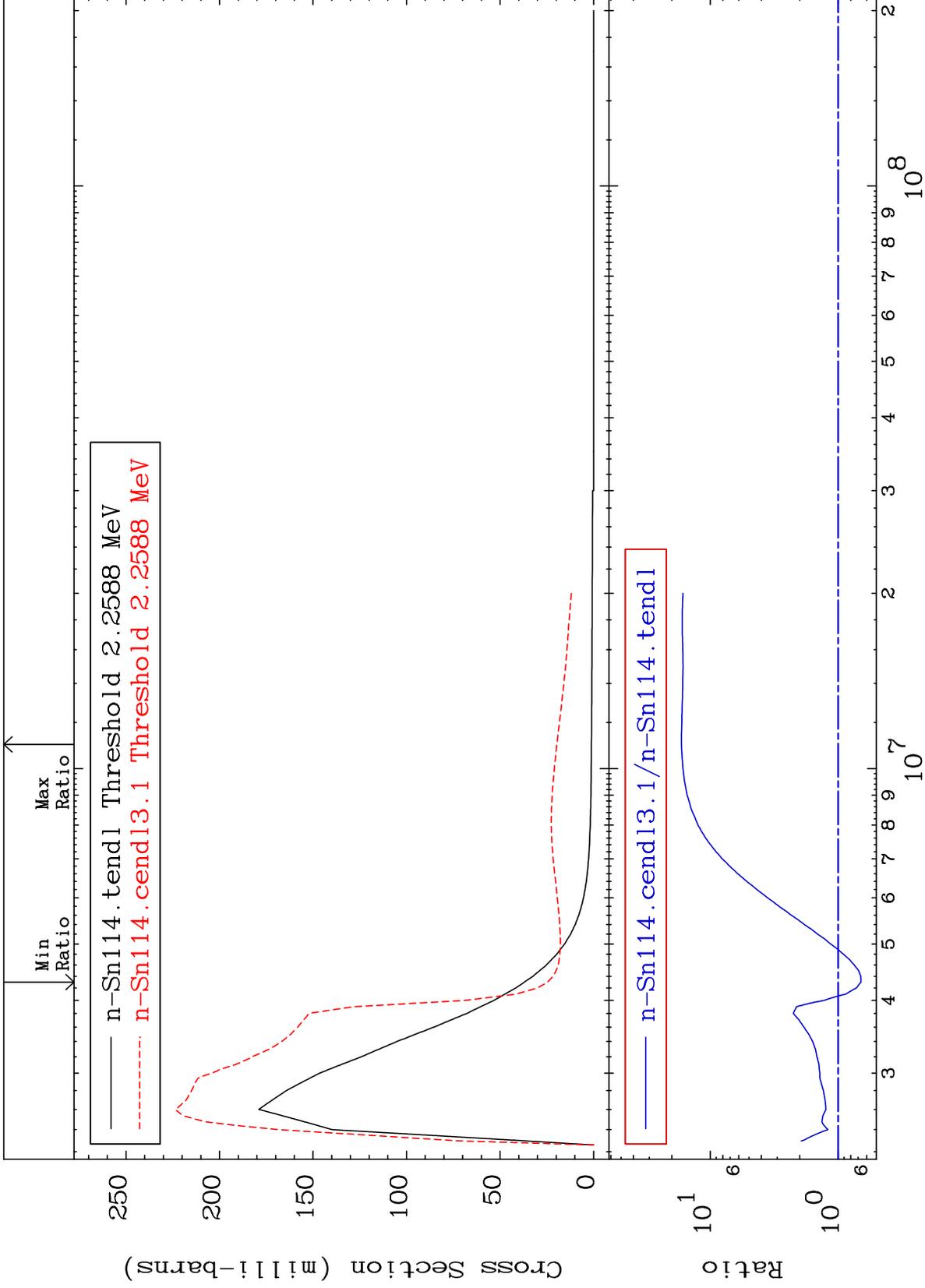
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114
-33.55 To 1582. %



12

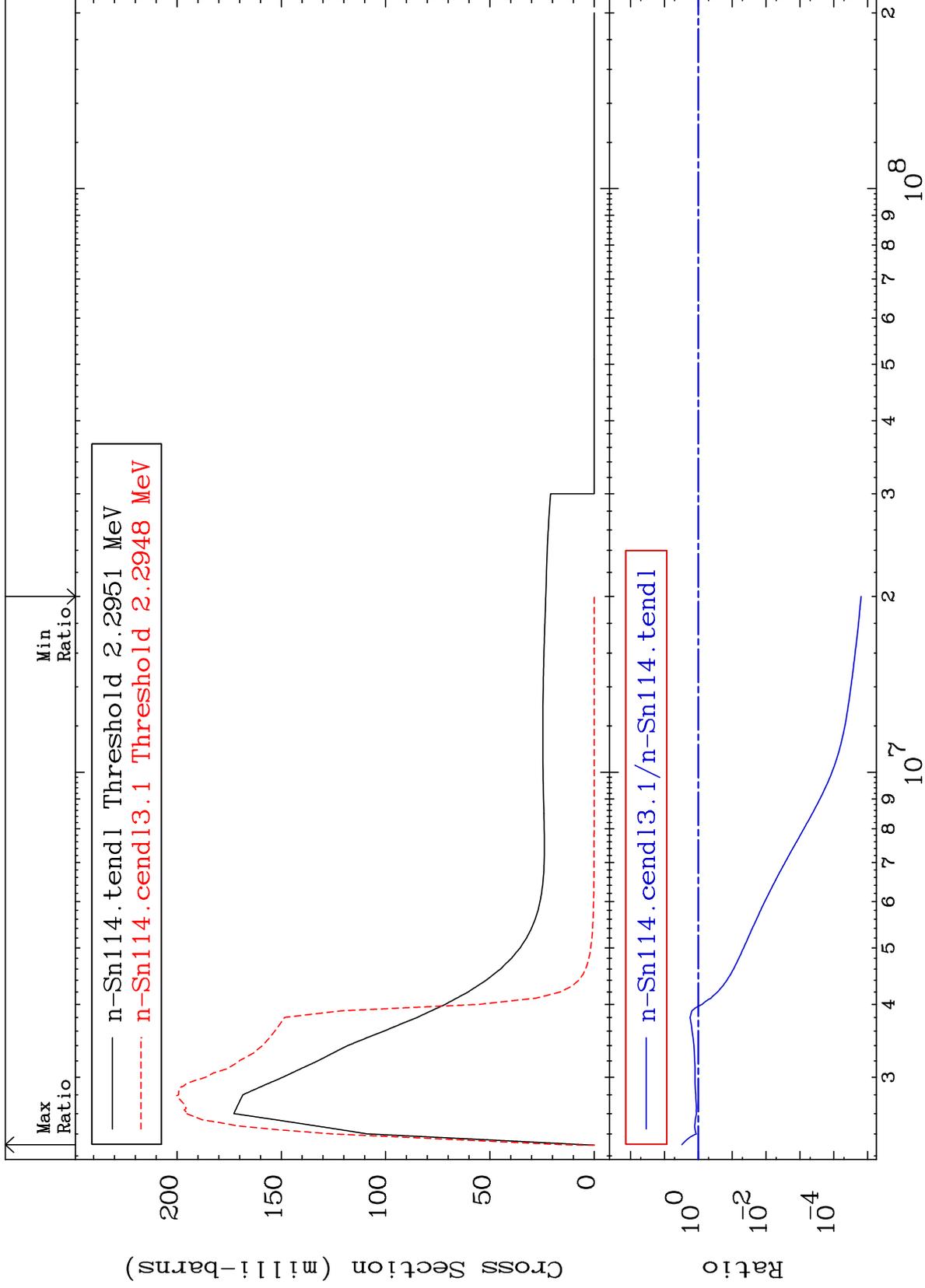
Incident Energy (eV)

50-Sn-114

MAT 5031

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

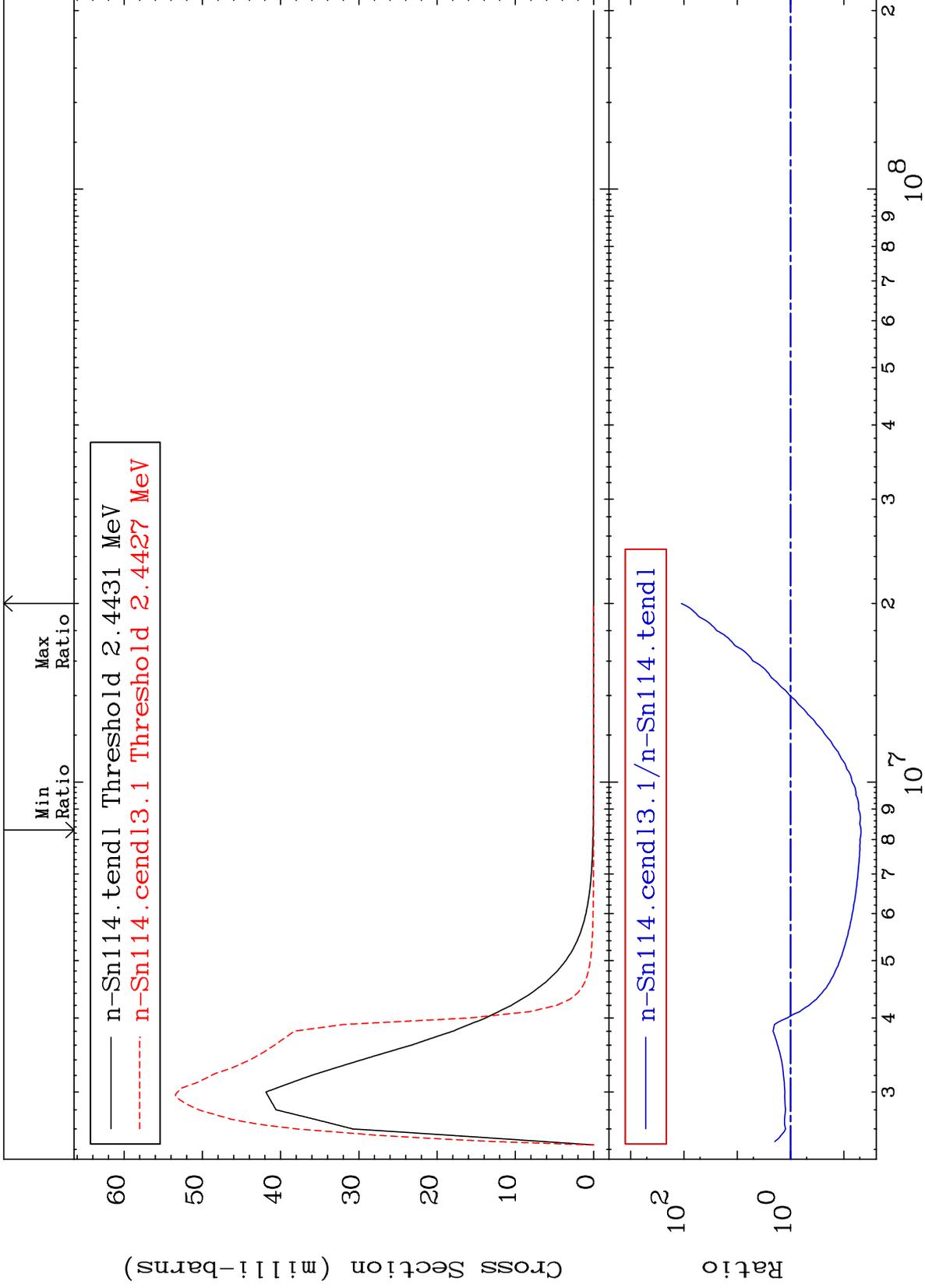
50-Sn-114
-100.0 To 205.4 %



MAT 5031

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

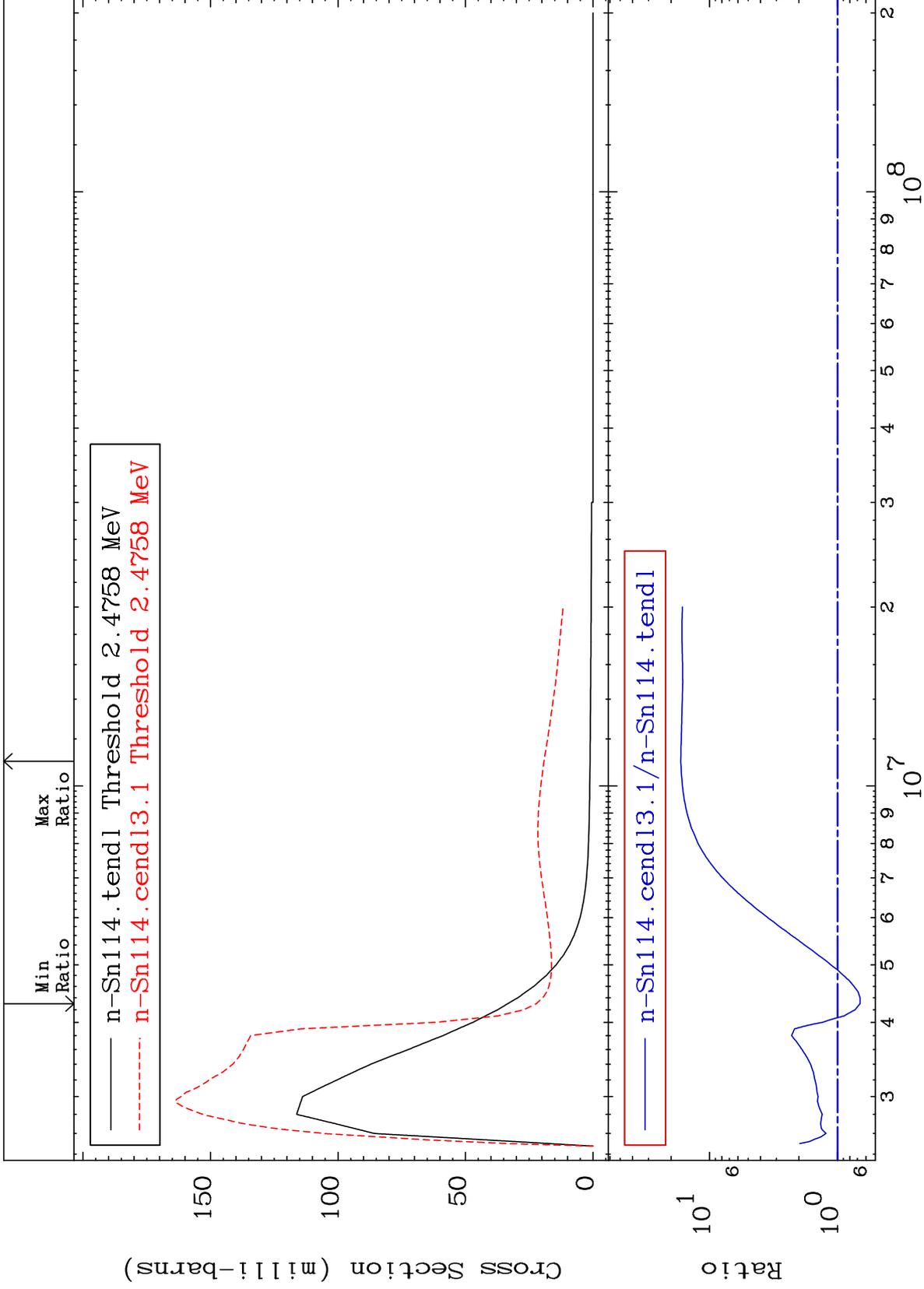
50-Sn-114
-95.25 To 9999. %



MAT 5031

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

50-Sn-114
-33.44 To 1579. %

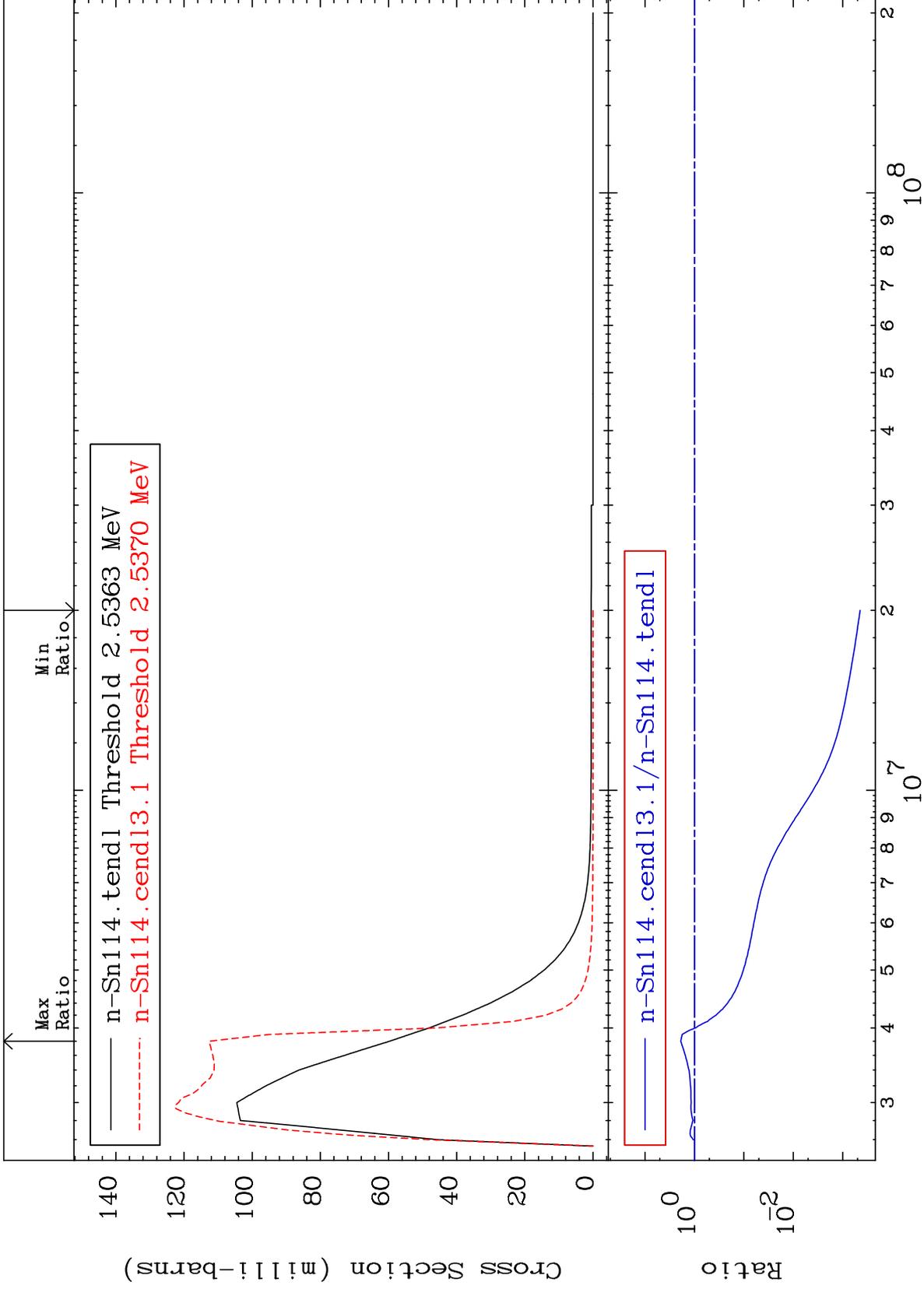


15

MAT 5031

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

50-Sn-114
-99.96 To 88.79 %



16

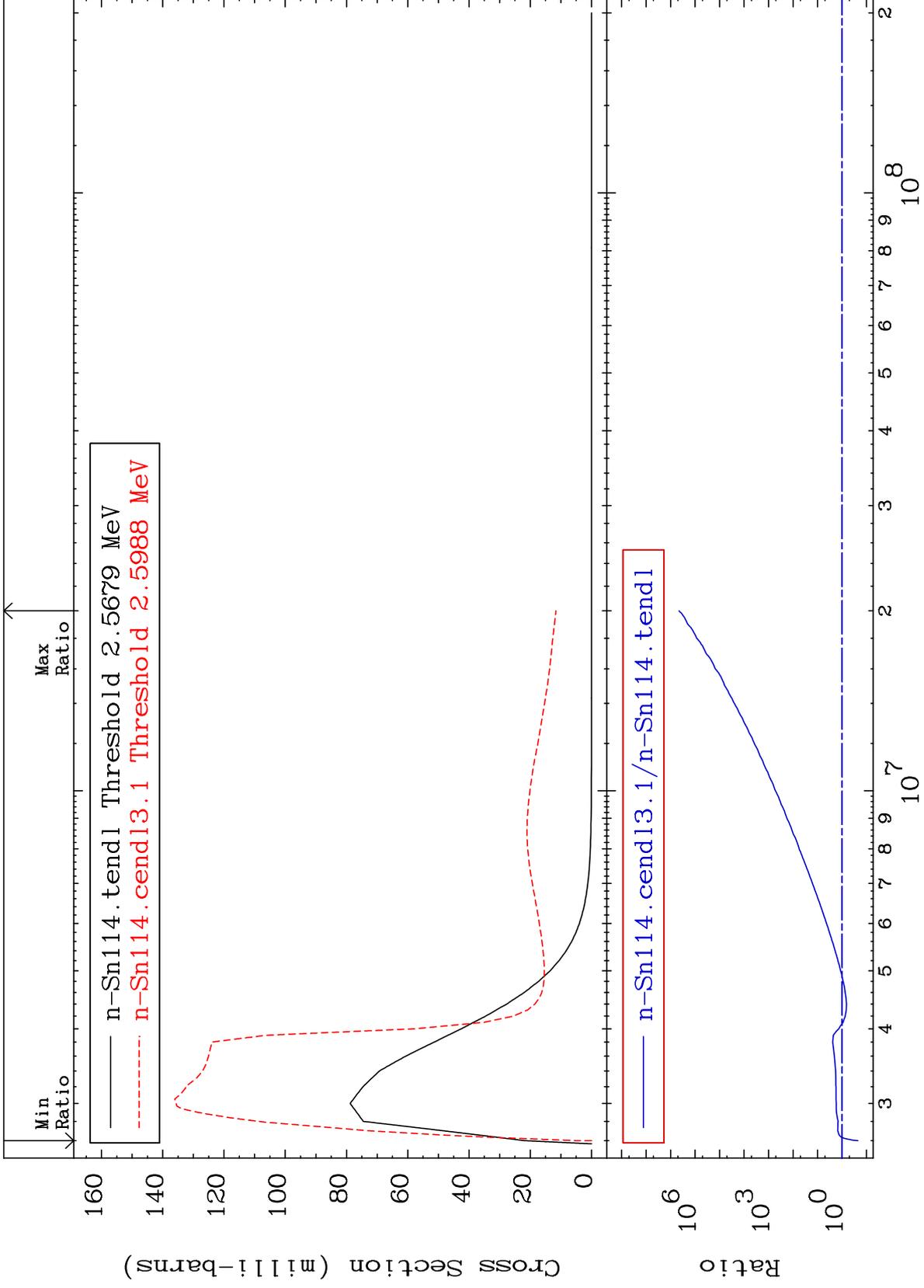
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114
-77.49 To 9999. %



17

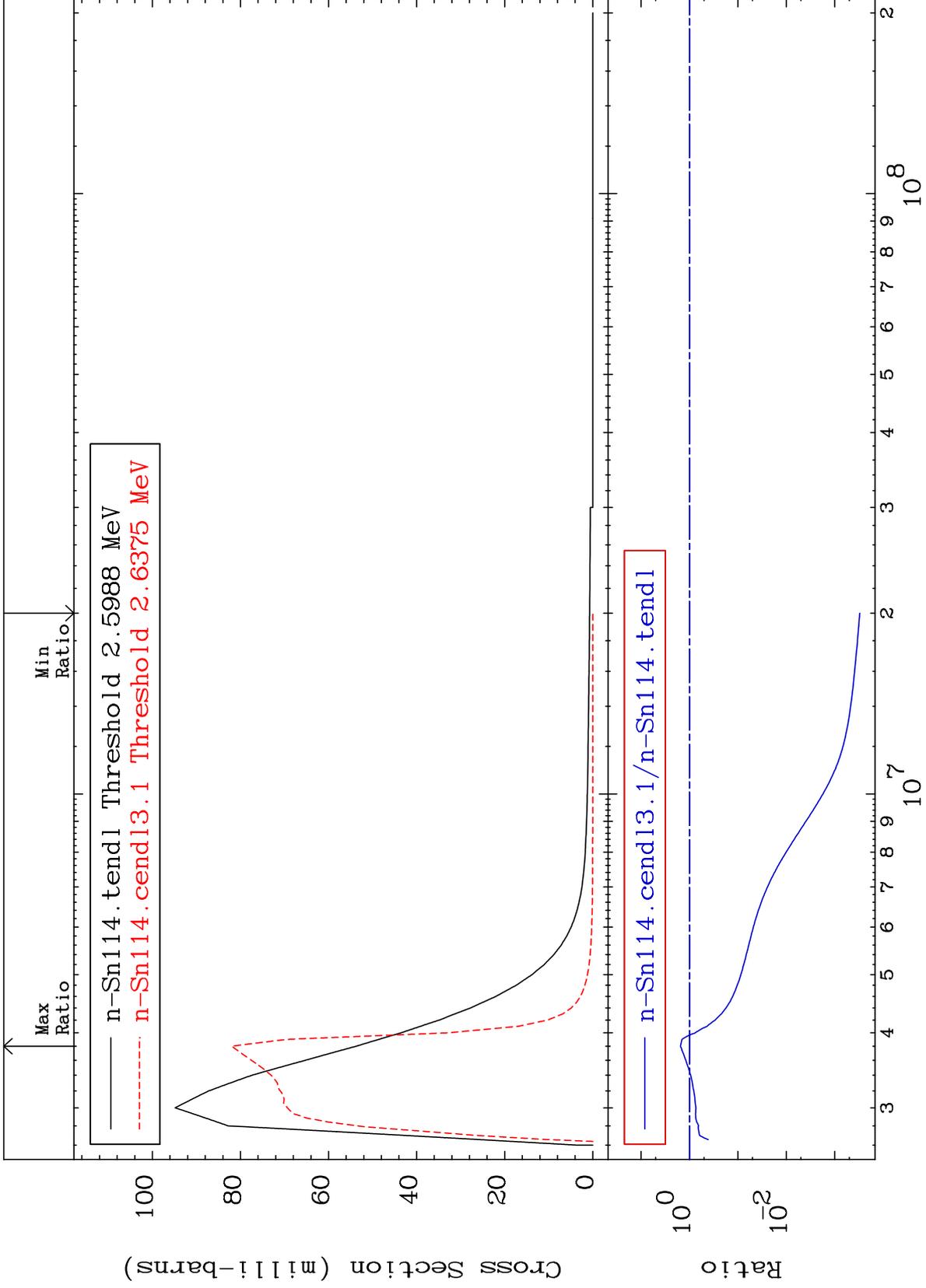
Incident Energy (eV)

50-Sn-114

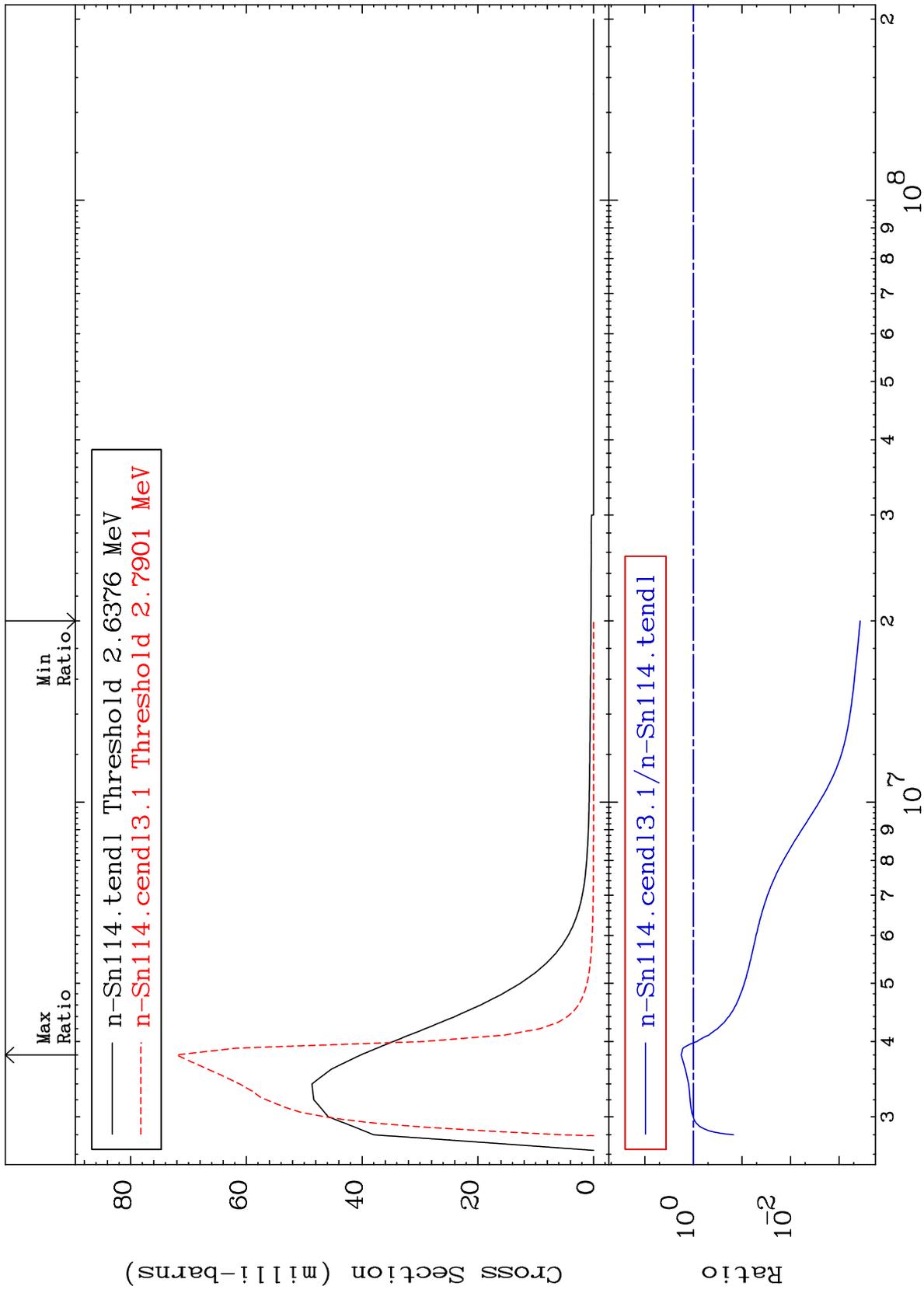
MAT 5031

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

50-Sn-114
-99.97 To 52.76 %



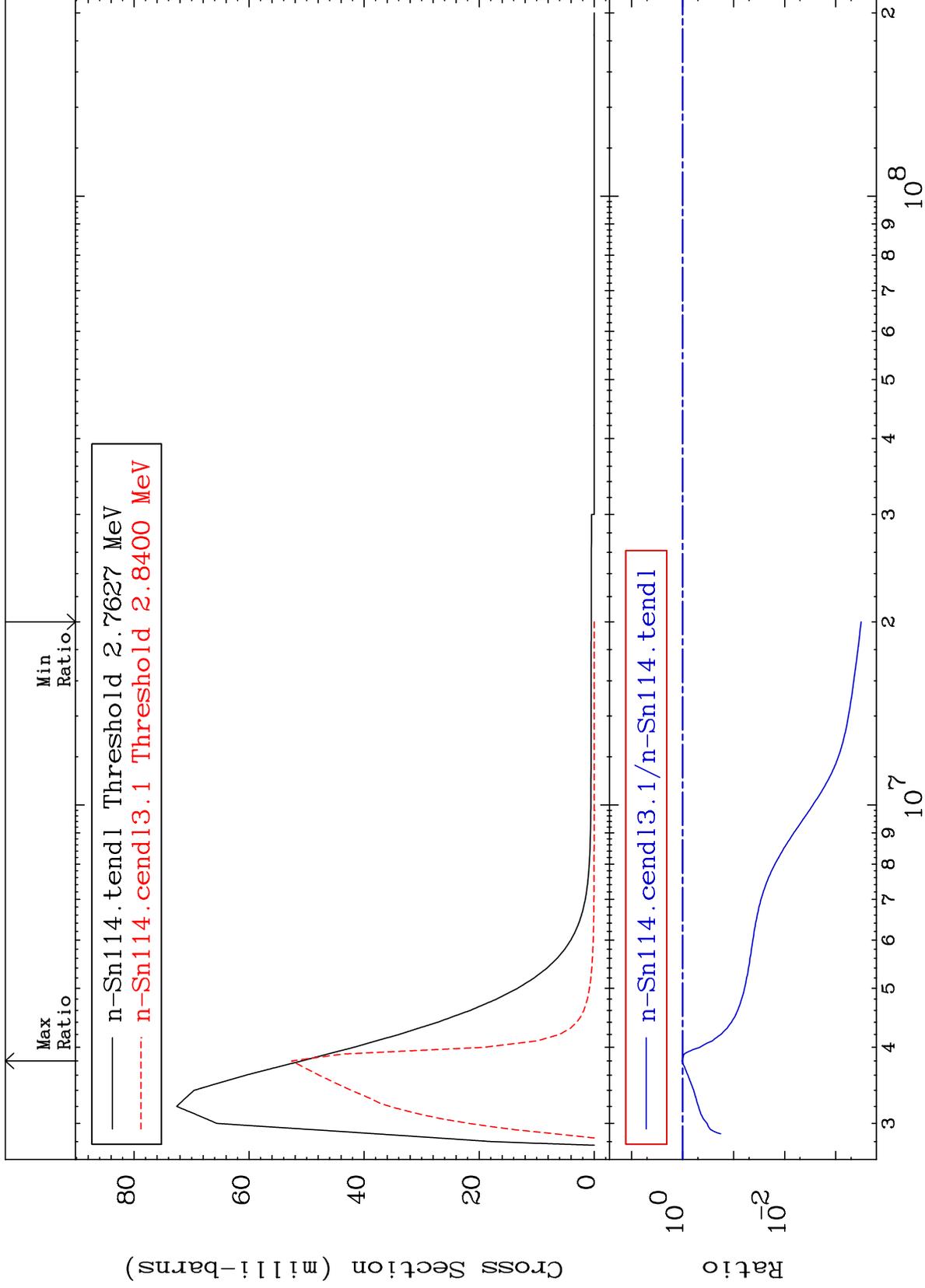
MAT 5031 MT= 62 (n,n') Level Cross Section 50-Sn-114
 -99.96 To 79.20 %



MAT 5031

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

50-Sn-114
-99.97 To 3.459 %



20

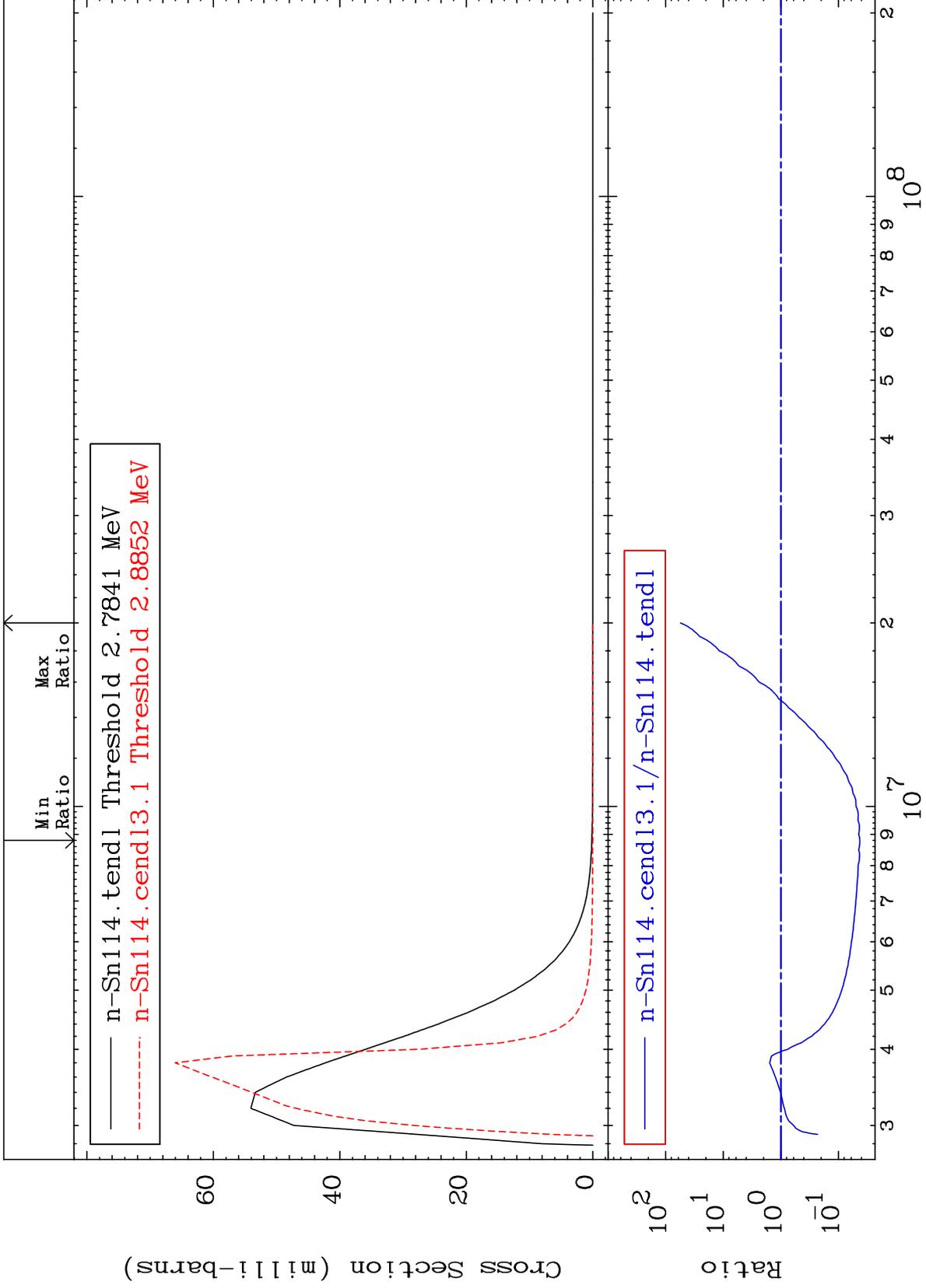
Incident Energy (eV)

50-Sn-114

MAT 5031

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

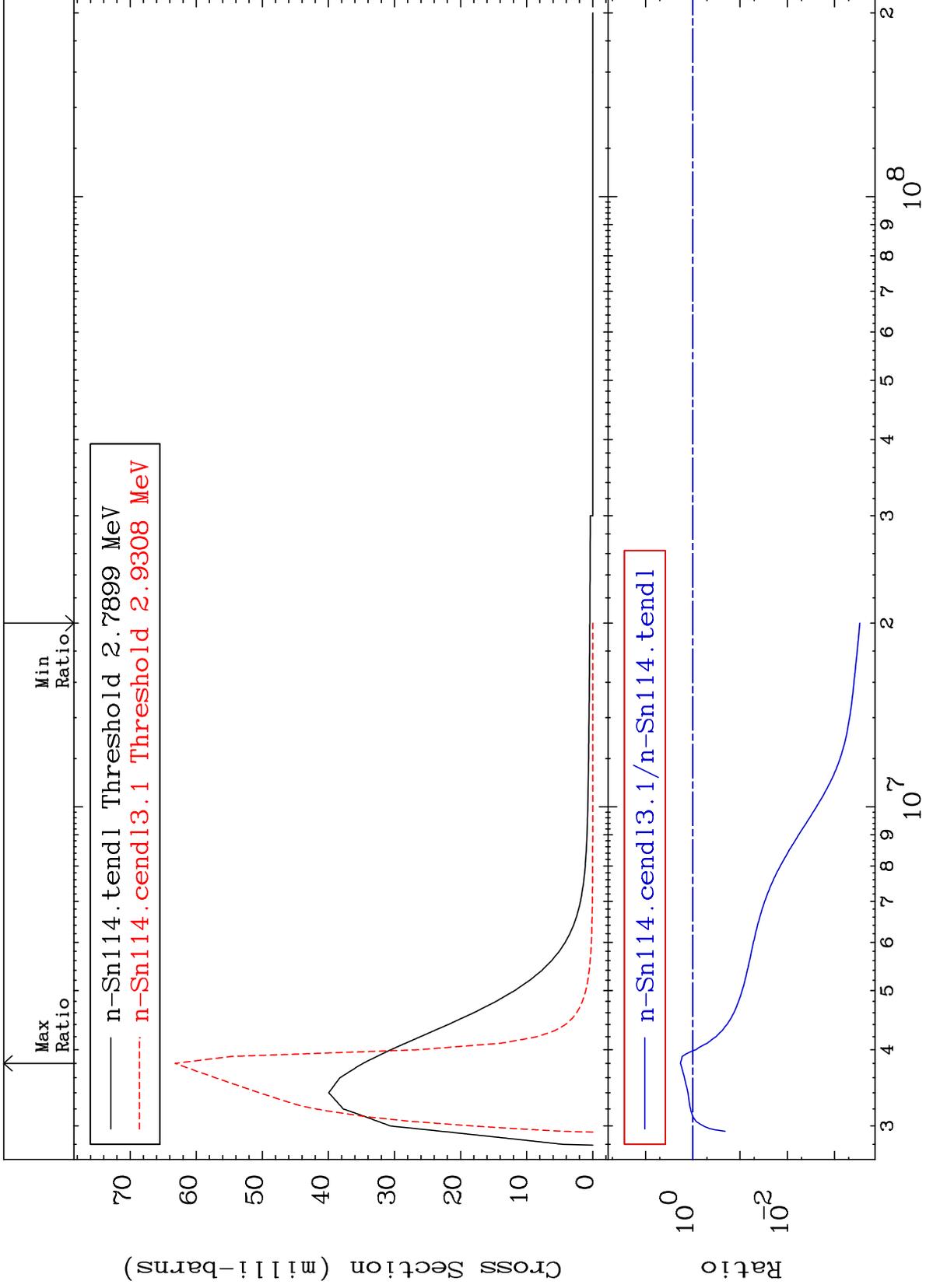
50-Sn-114
-95.74 To 5426. %



MAT 5031

MT= 65 (n,n') Level
Cross Section

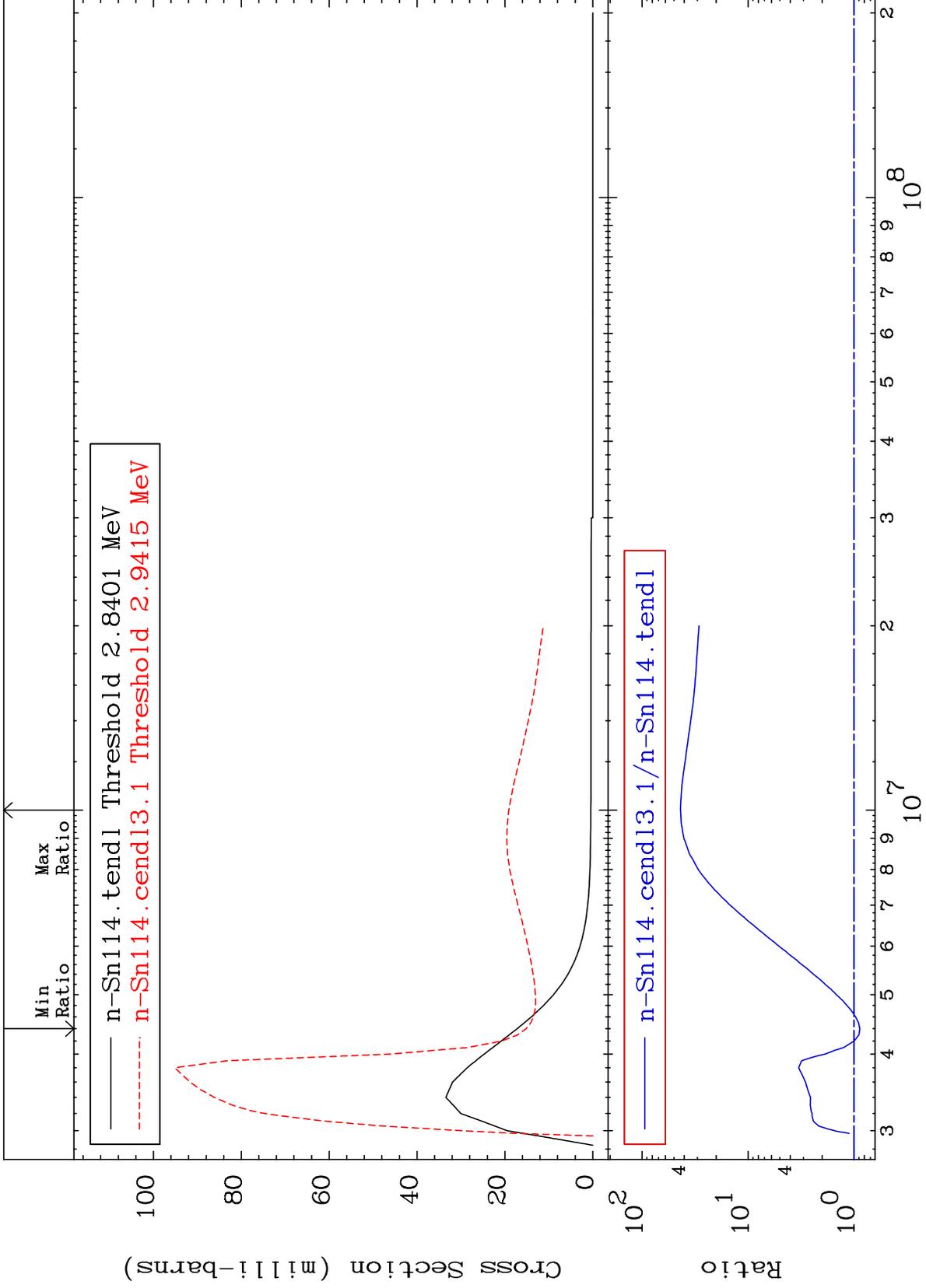
50-Sn-114
-99.97 To 81.72 %



MAT 5031

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

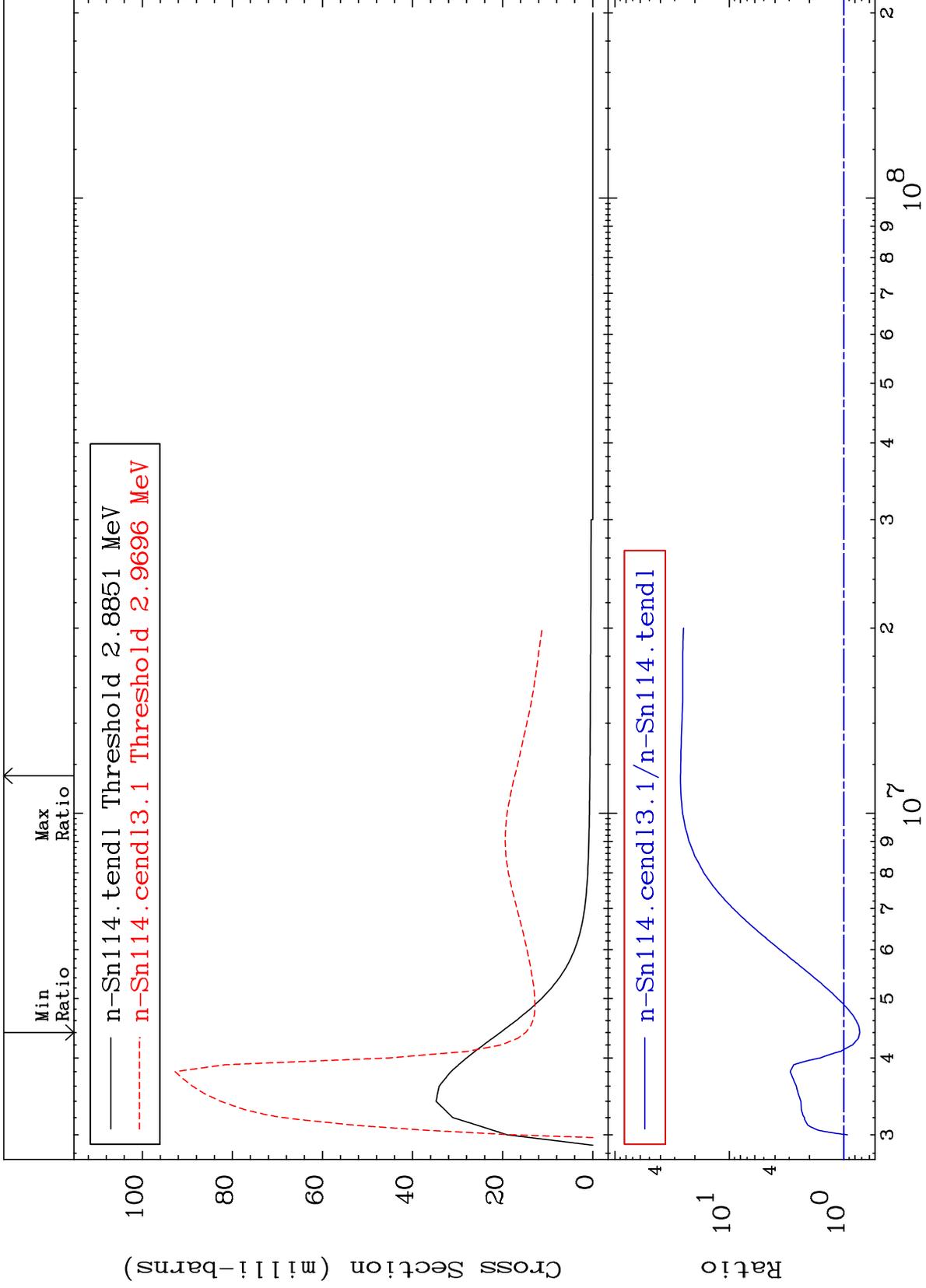
50-Sn-114
-11.78 To 4234. %



MAT 5031

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

50-Sn-114
-27.32 To 2570. %



24

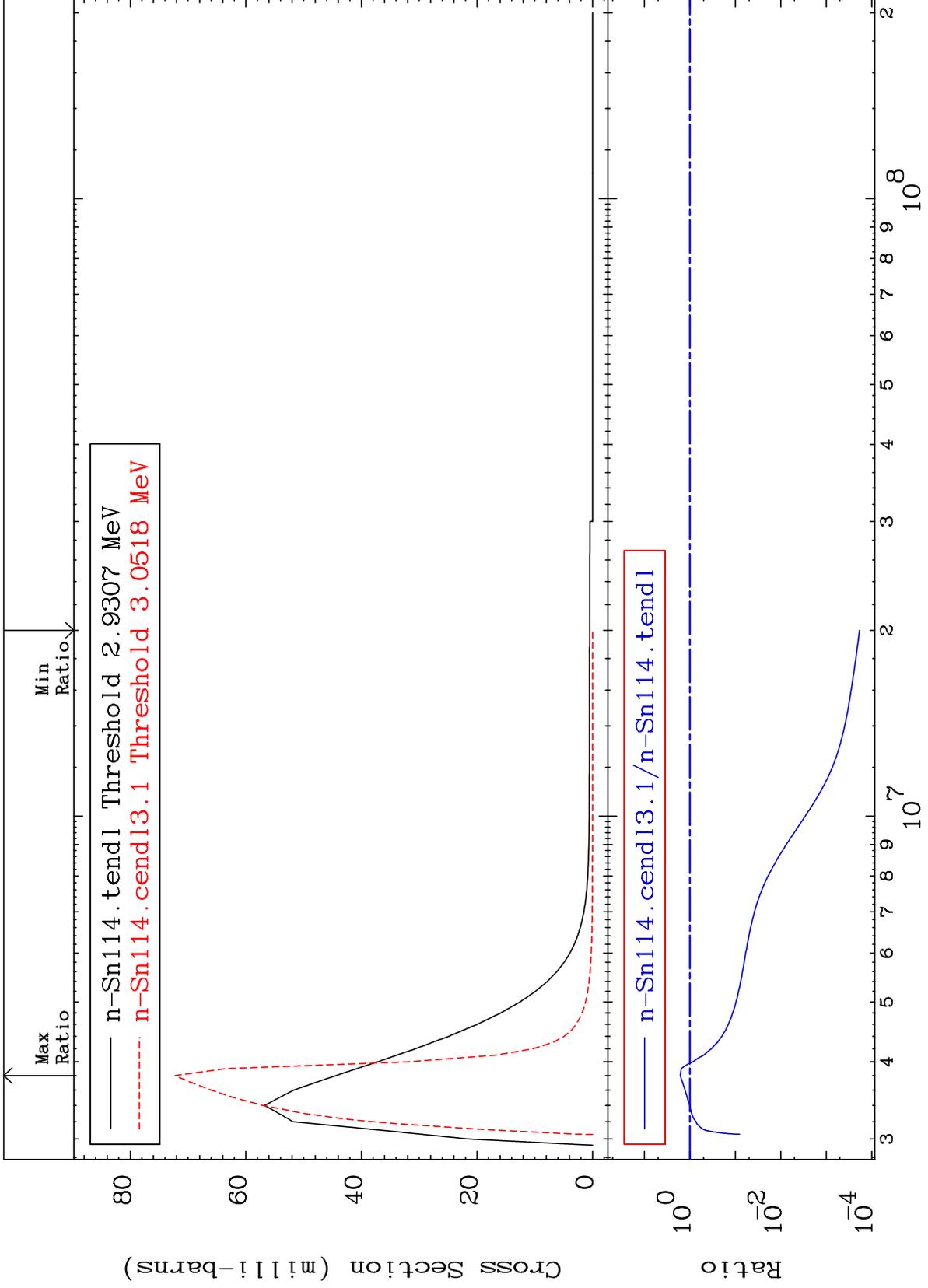
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114
-99.98 To 62.73 %



25

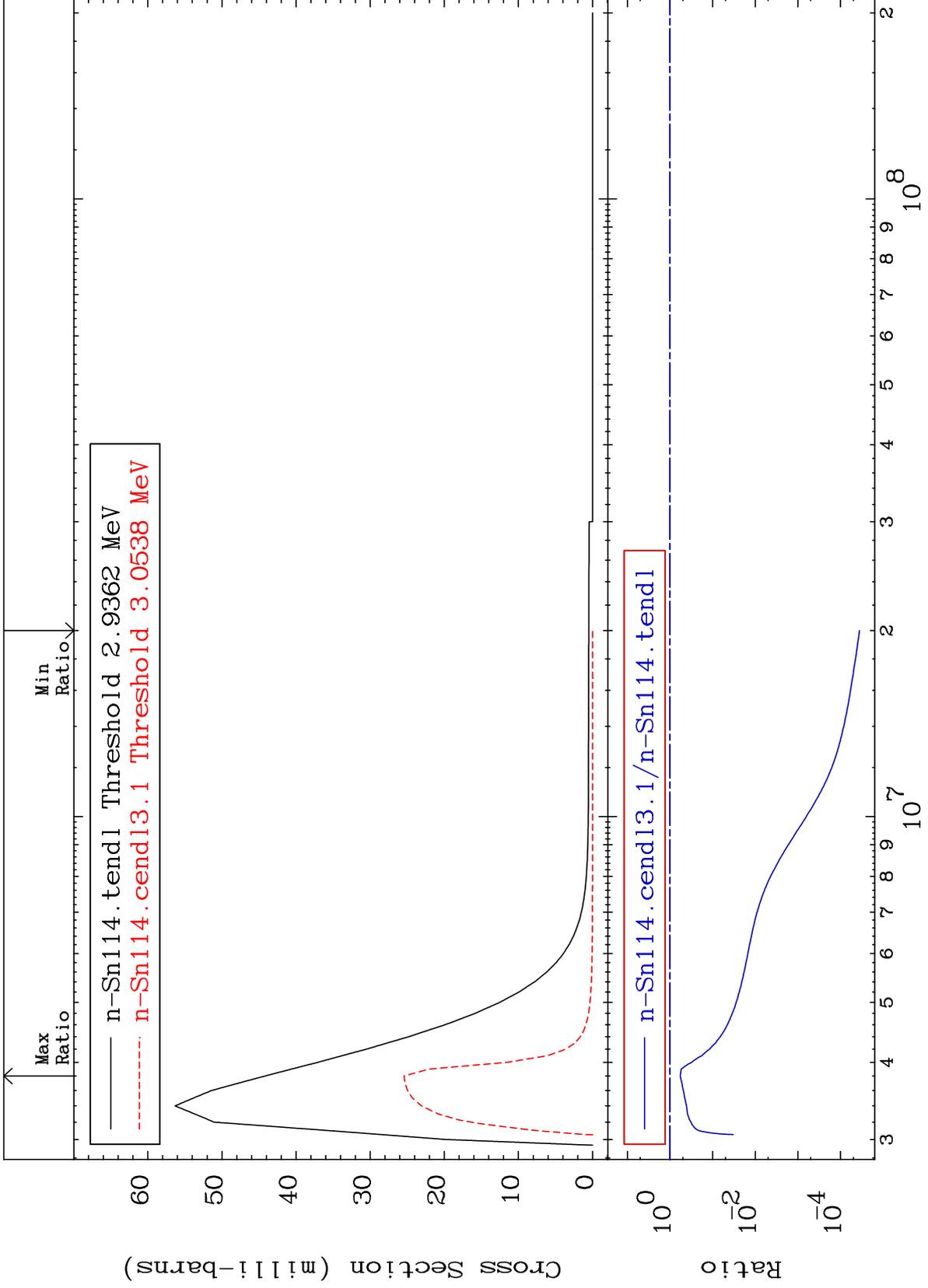
Incident Energy (eV)

50-Sn-114

MAT 5031

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

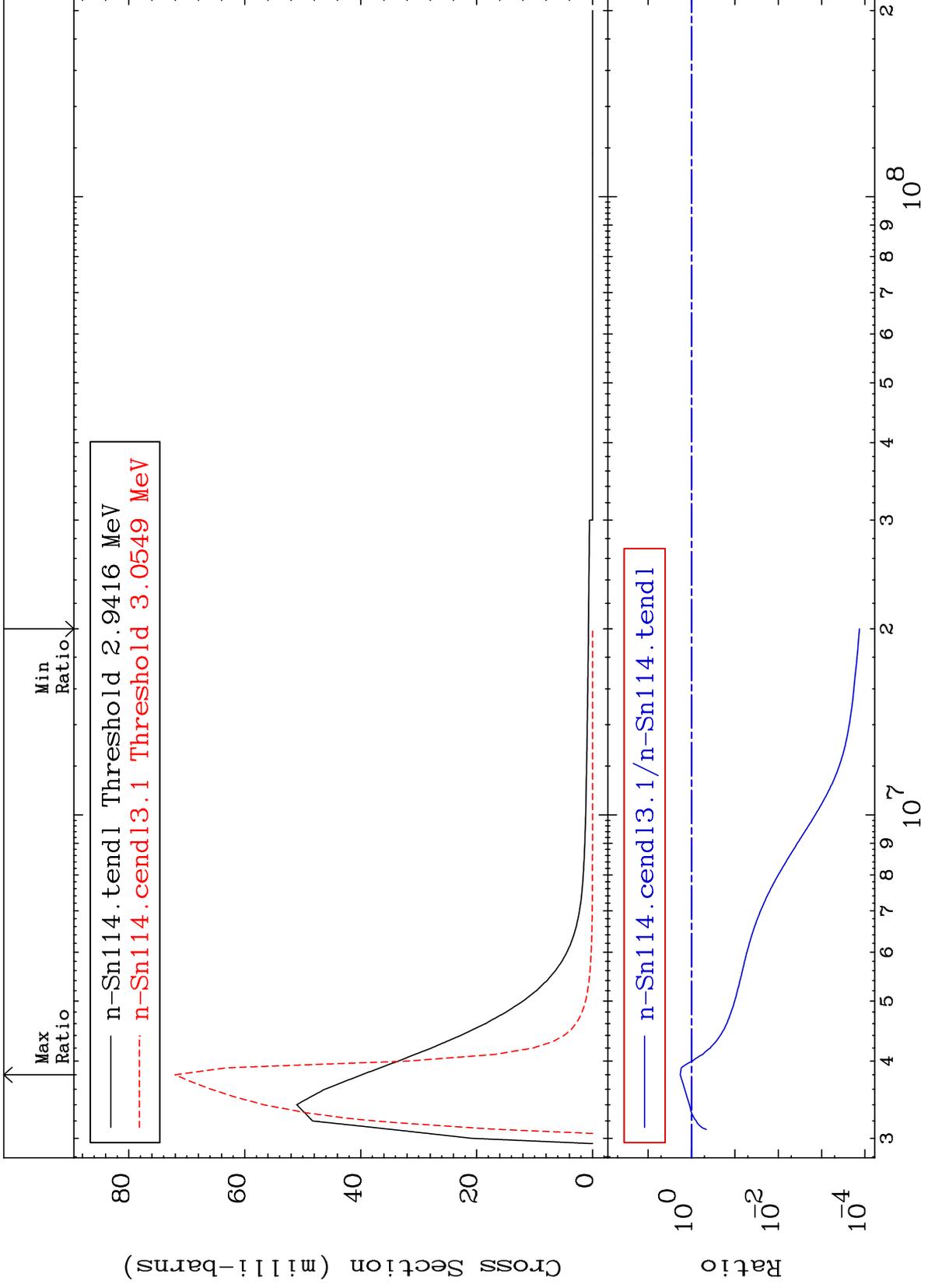
50-Sn-114
-100.0 To -42.46%



MAT 5031

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

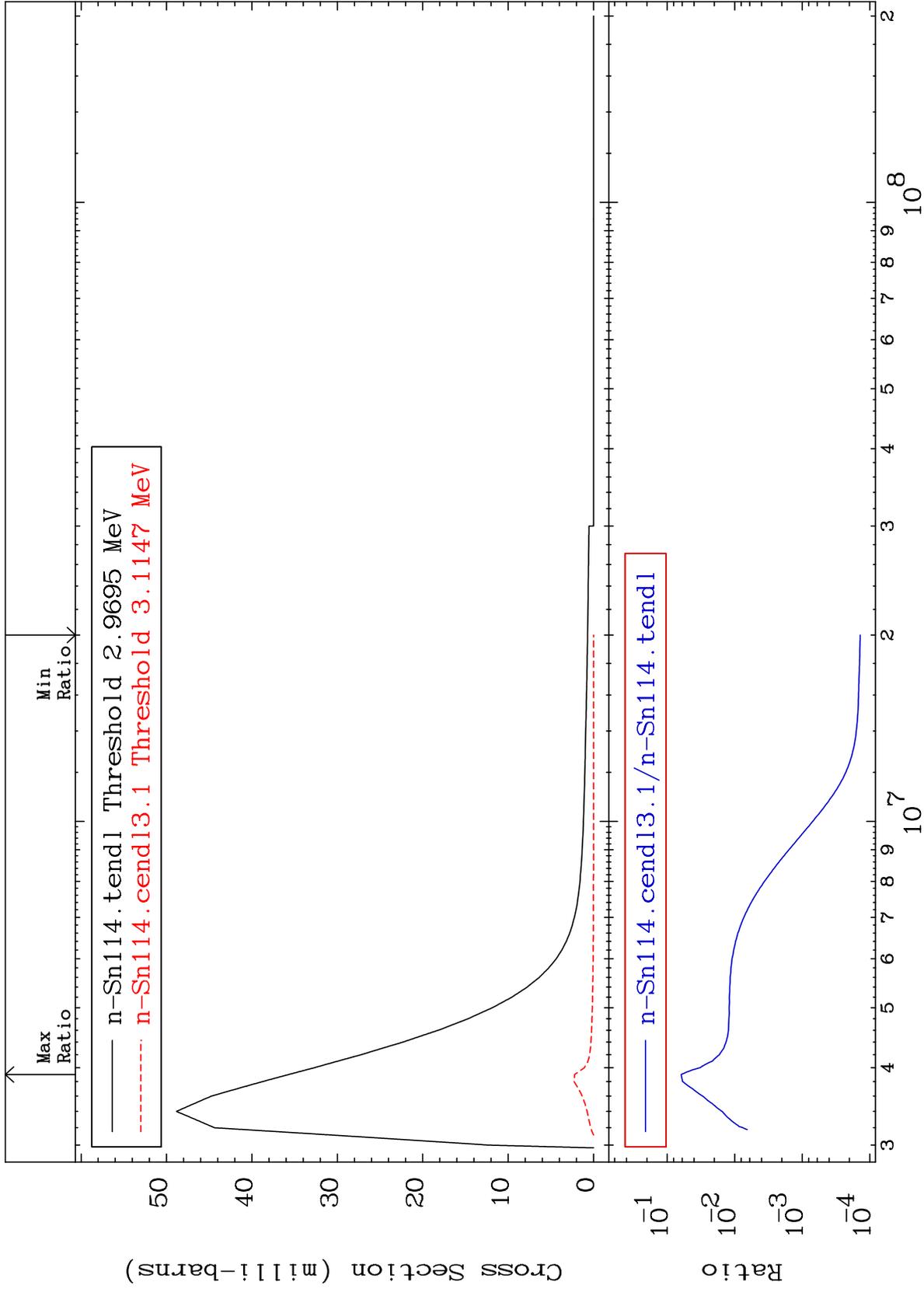
50-Sn-114
-99.99 To 80.89 %



MAT 5031

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

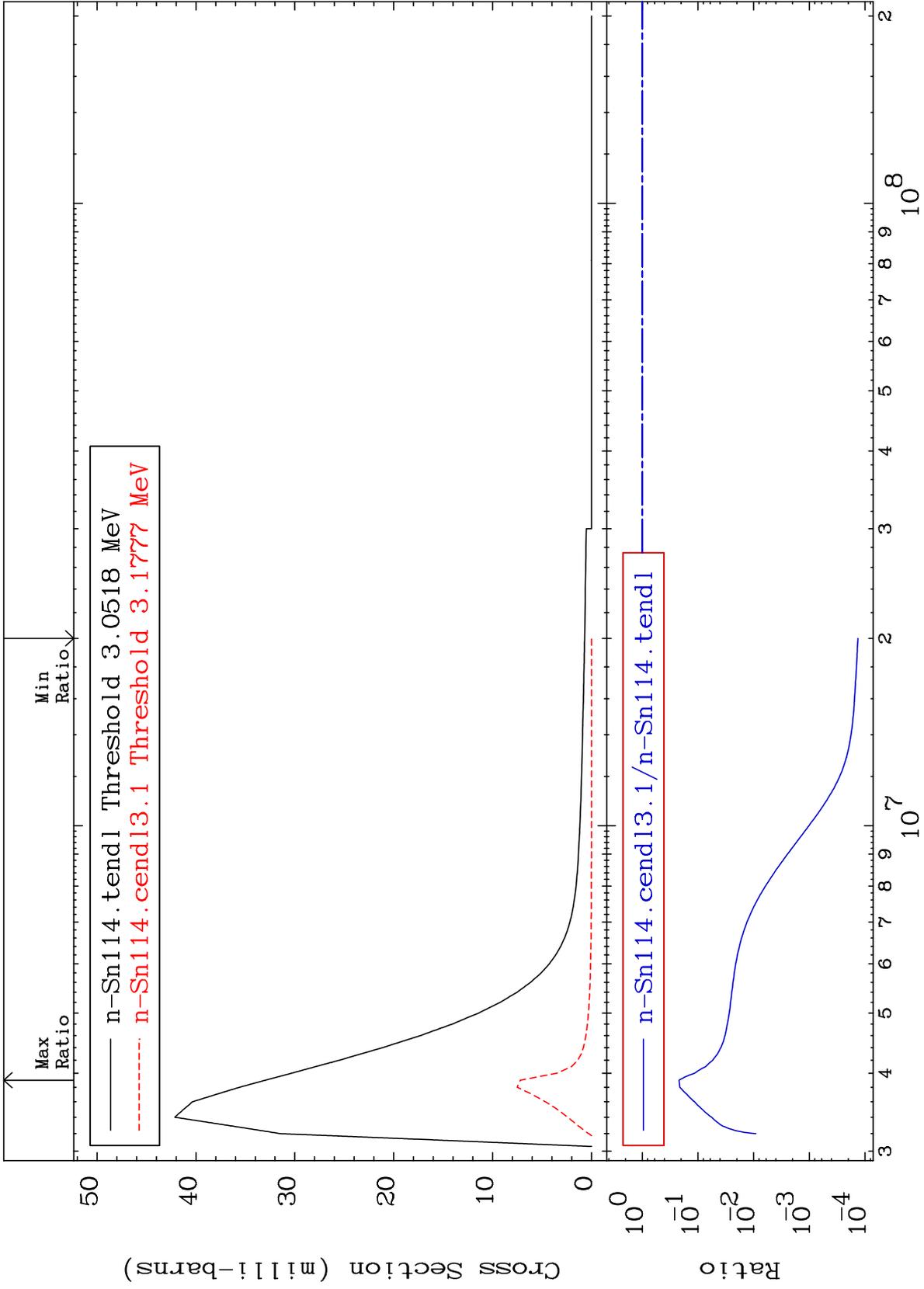
50-Sn-114
-99.99 To -93.80%



MAT 5031

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

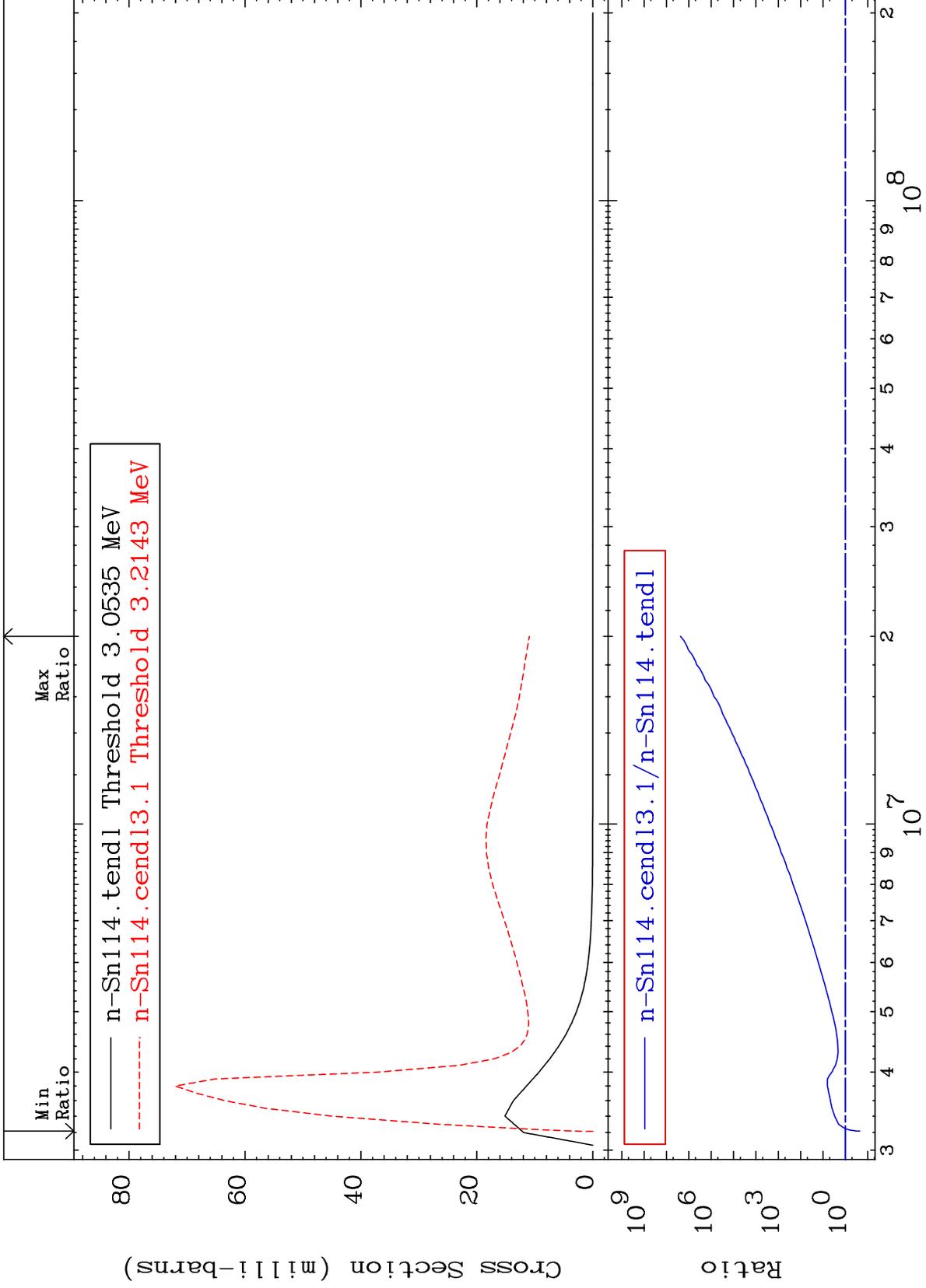
50-Sn-114
-99.99 To -78.16%



MAT 5031

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

50-Sn-114
-77.38 To 9999. %



30

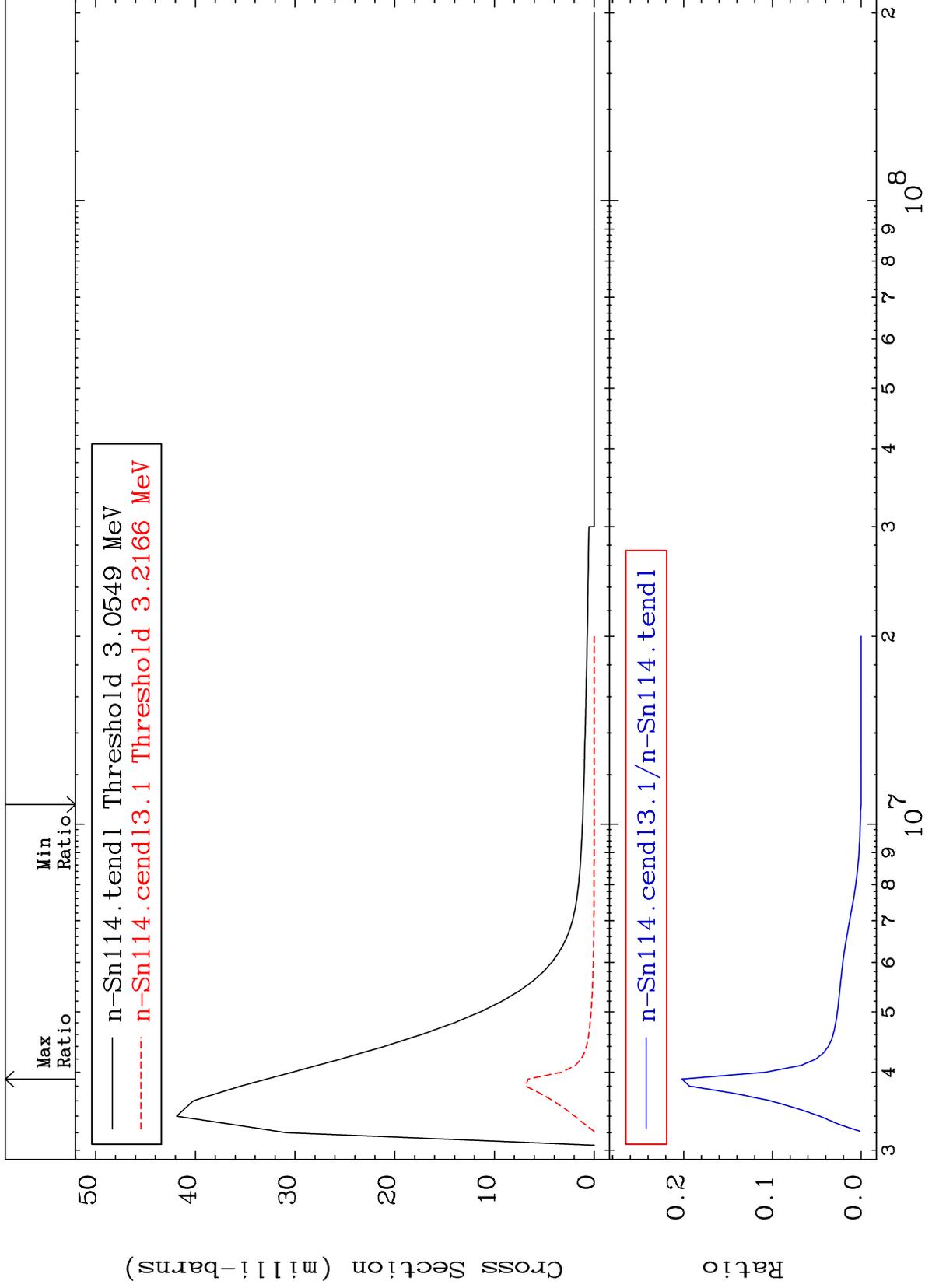
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114
-100.0 To -79.80%



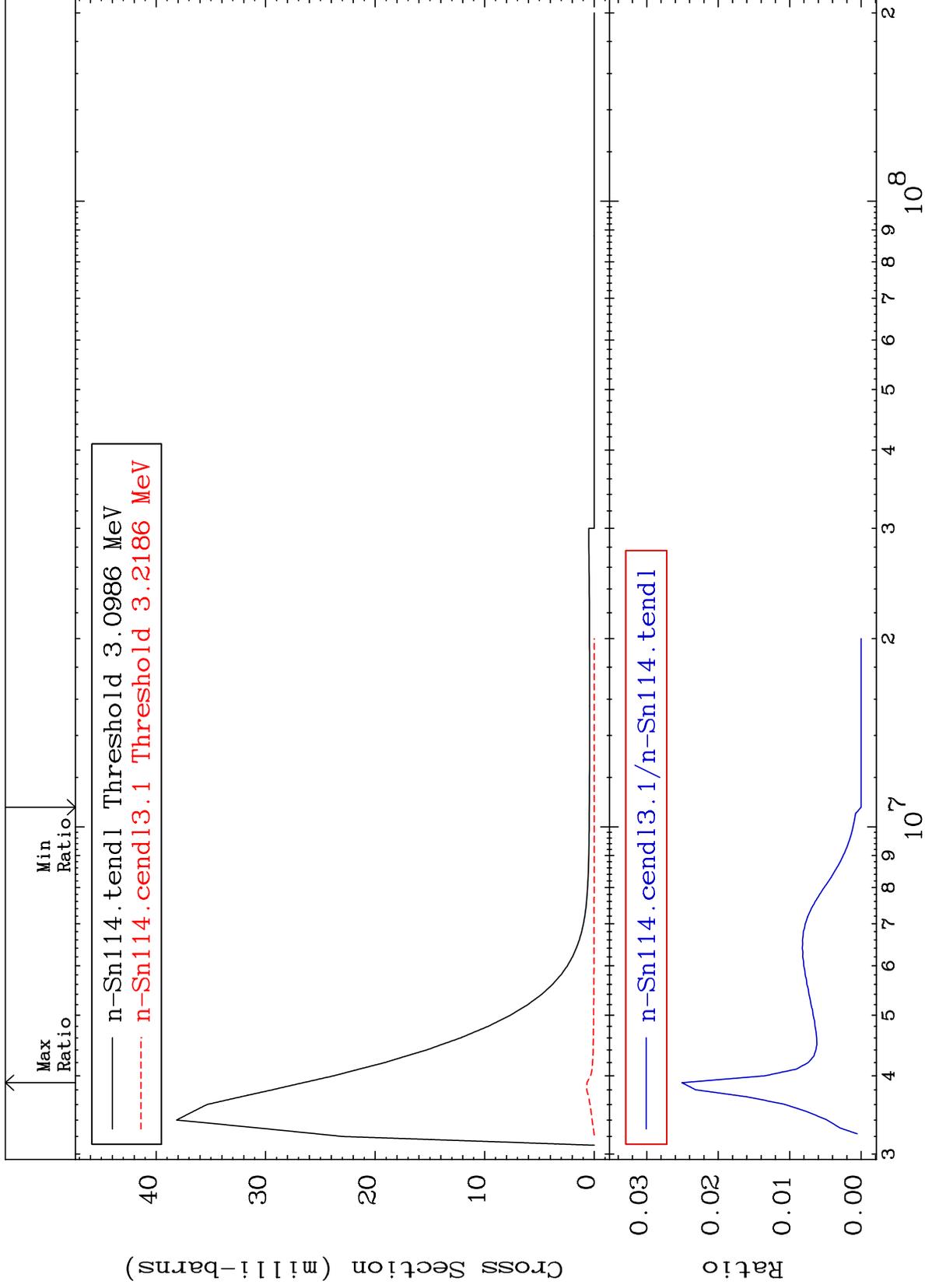
31

50-Sn-114

MAT 5031

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

50-Sn-114
-100.0 To -97.49%



32

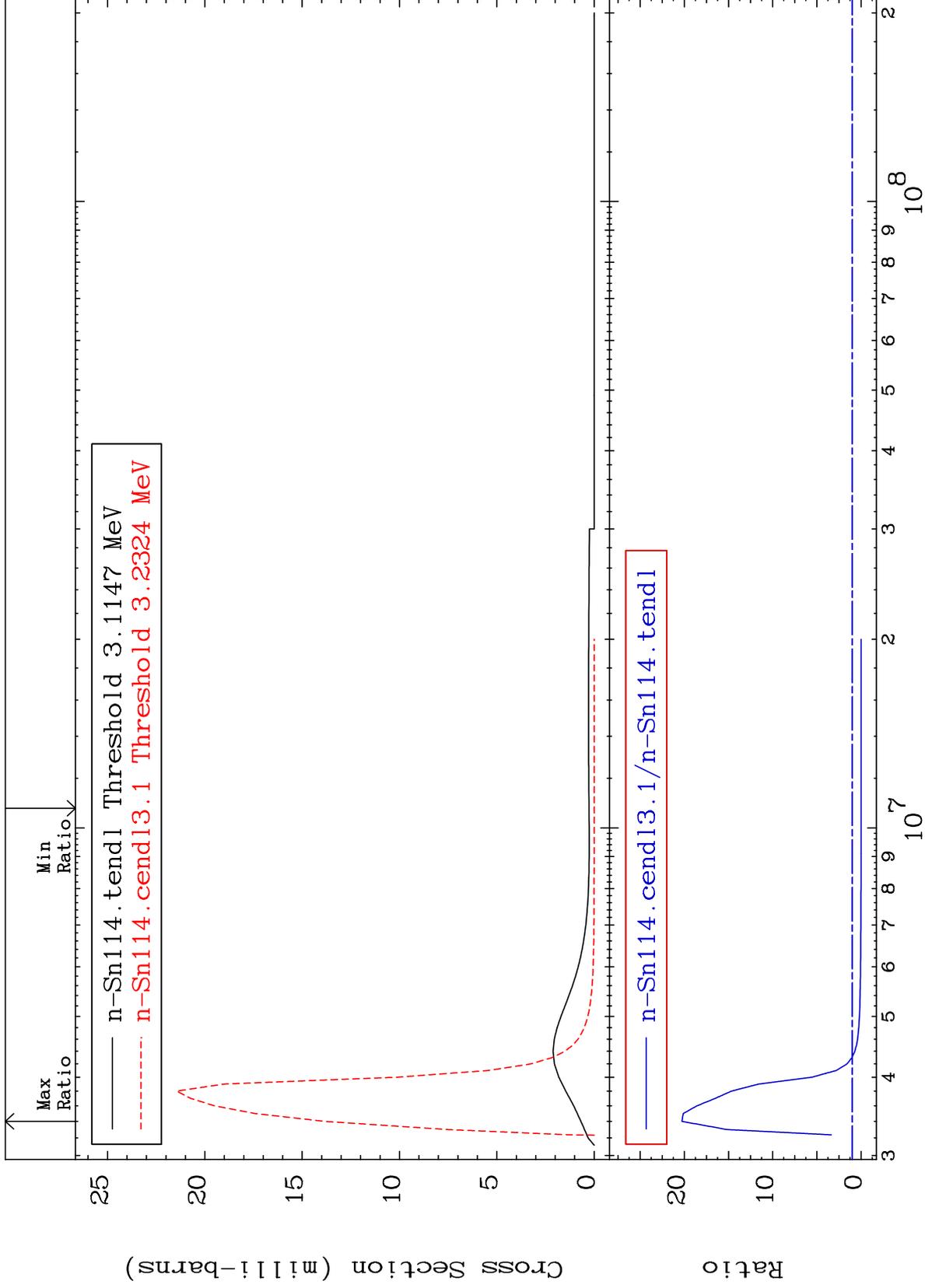
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114
-100.0 To 1927. %

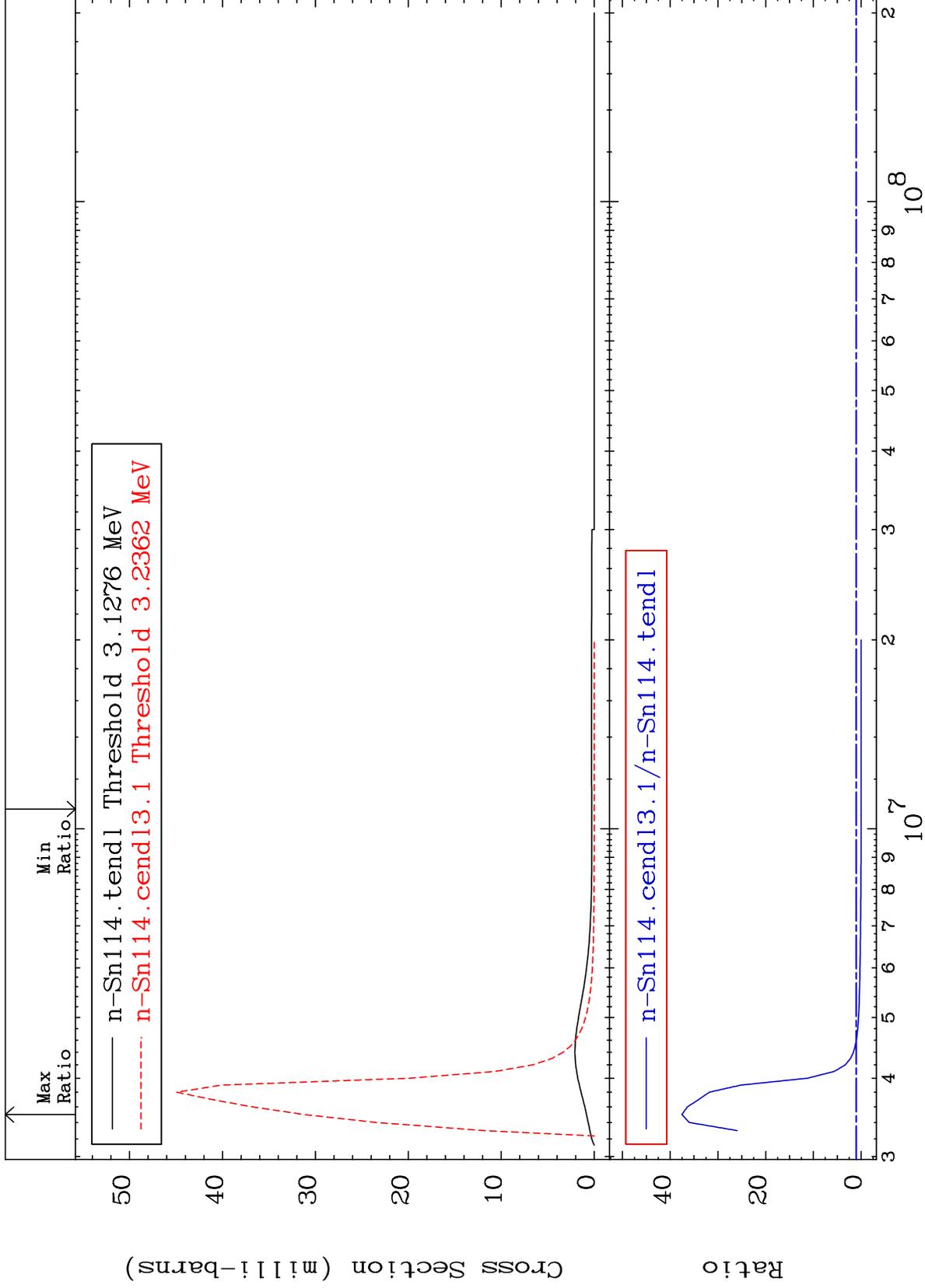


33

MAT 5031

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

50-Sn-114
-100.0 To 3655. %



34

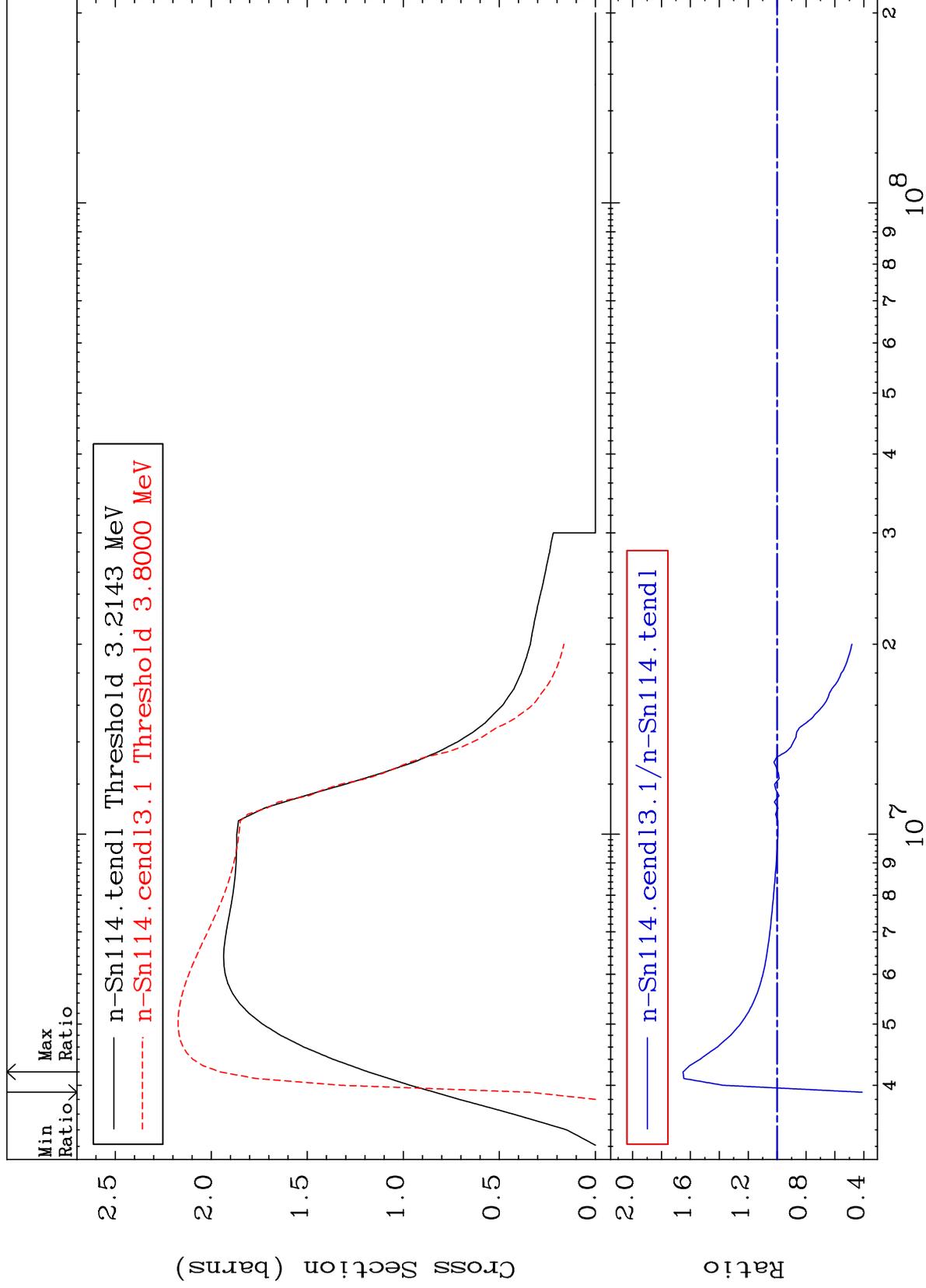
Incident Energy (eV)

50-Sn-114

MAT 5031

(n, n') Continuum
Cross Section

50-Sn-114
-58.84 To 65.09 %



35

Incident Energy (eV)

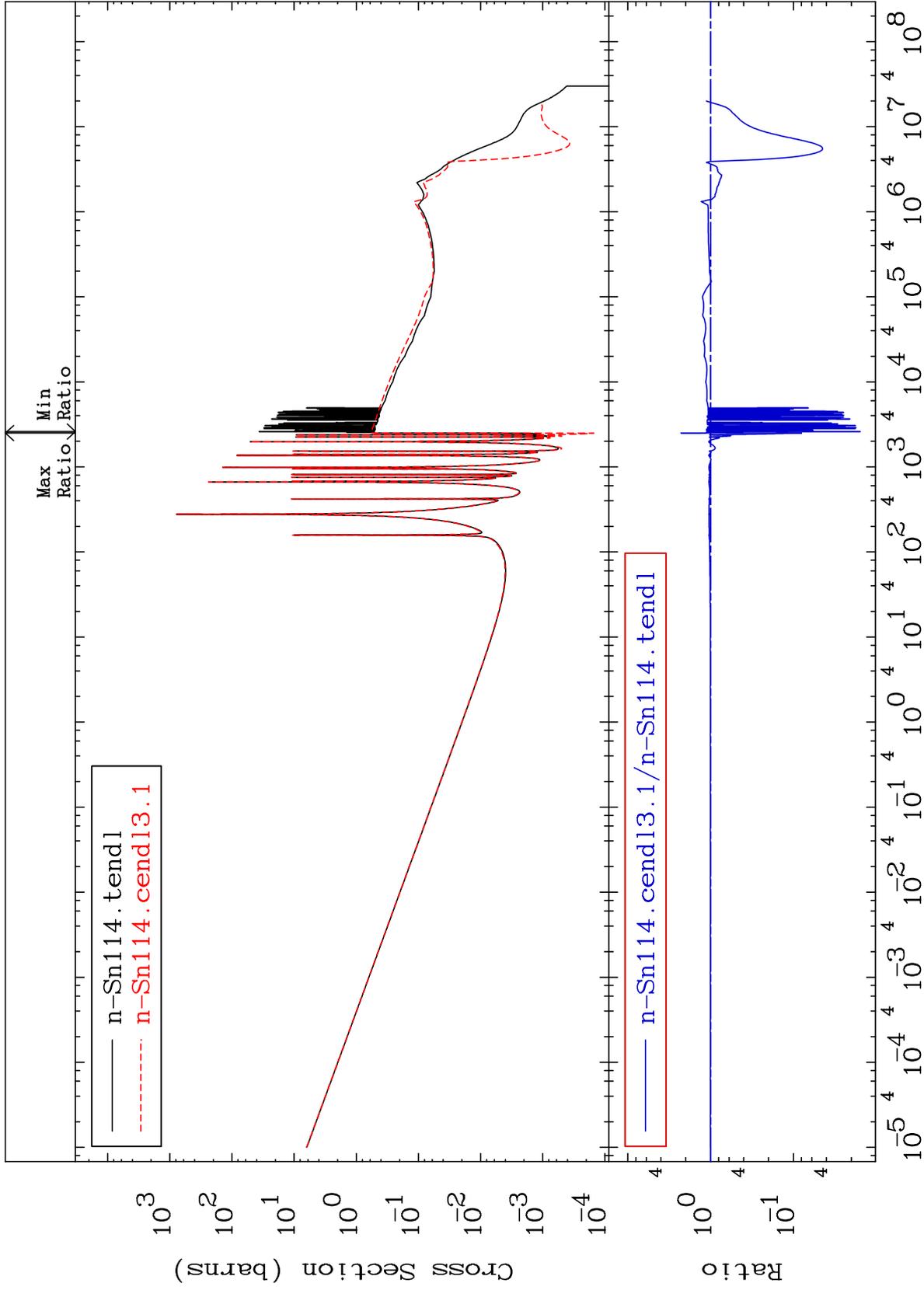
50-Sn-114

MAT 5031

50-Sn-114

-98.44 To 127.0 %

(n, γ)
Cross Section



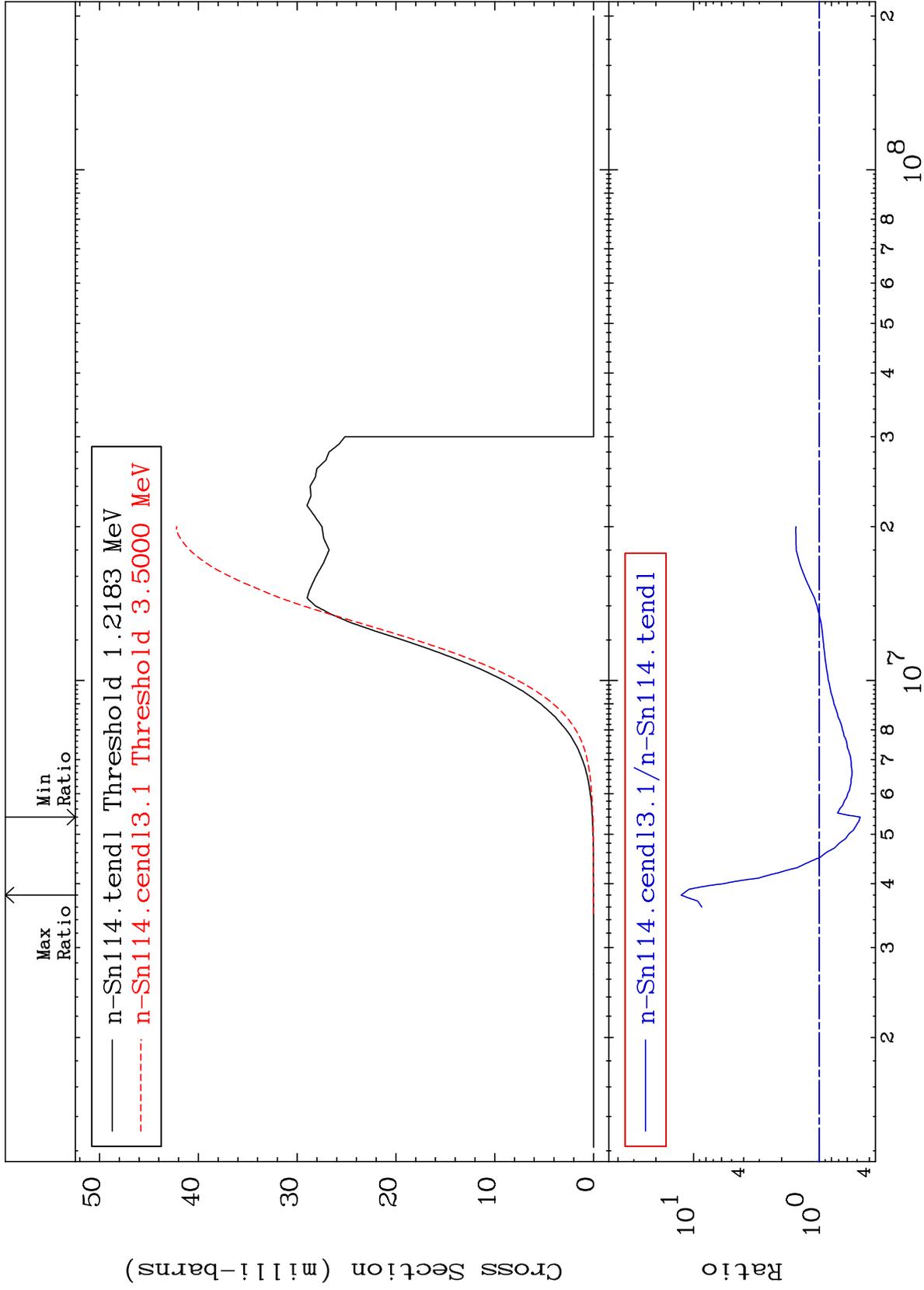
MAT 5031

(n,p)

50-Sn-114

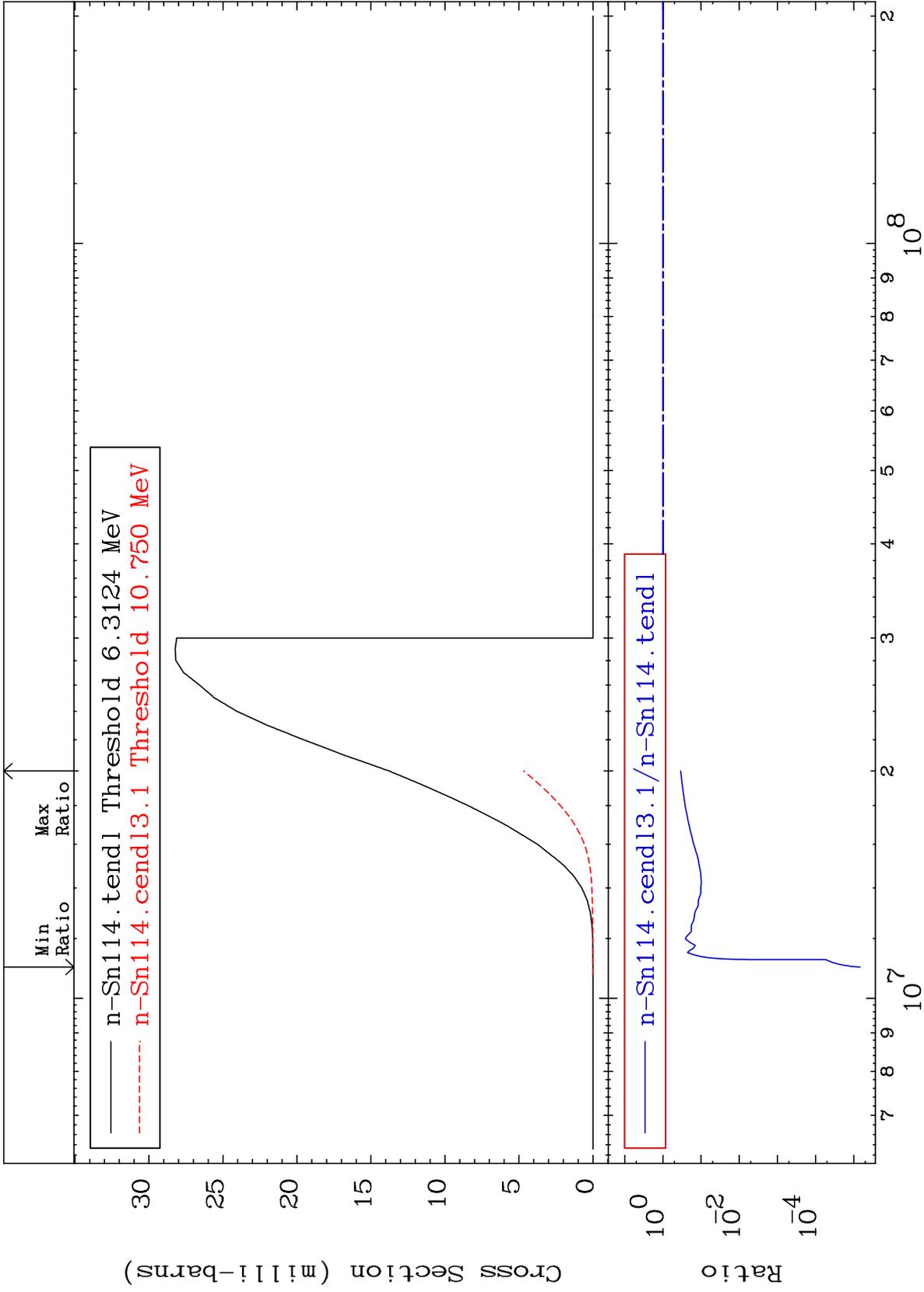
Cross Section

-52.71 To 1157. %



MAT 5031

(n, d)
Cross Section
50-Sn-114
-100.0 To -65.99%



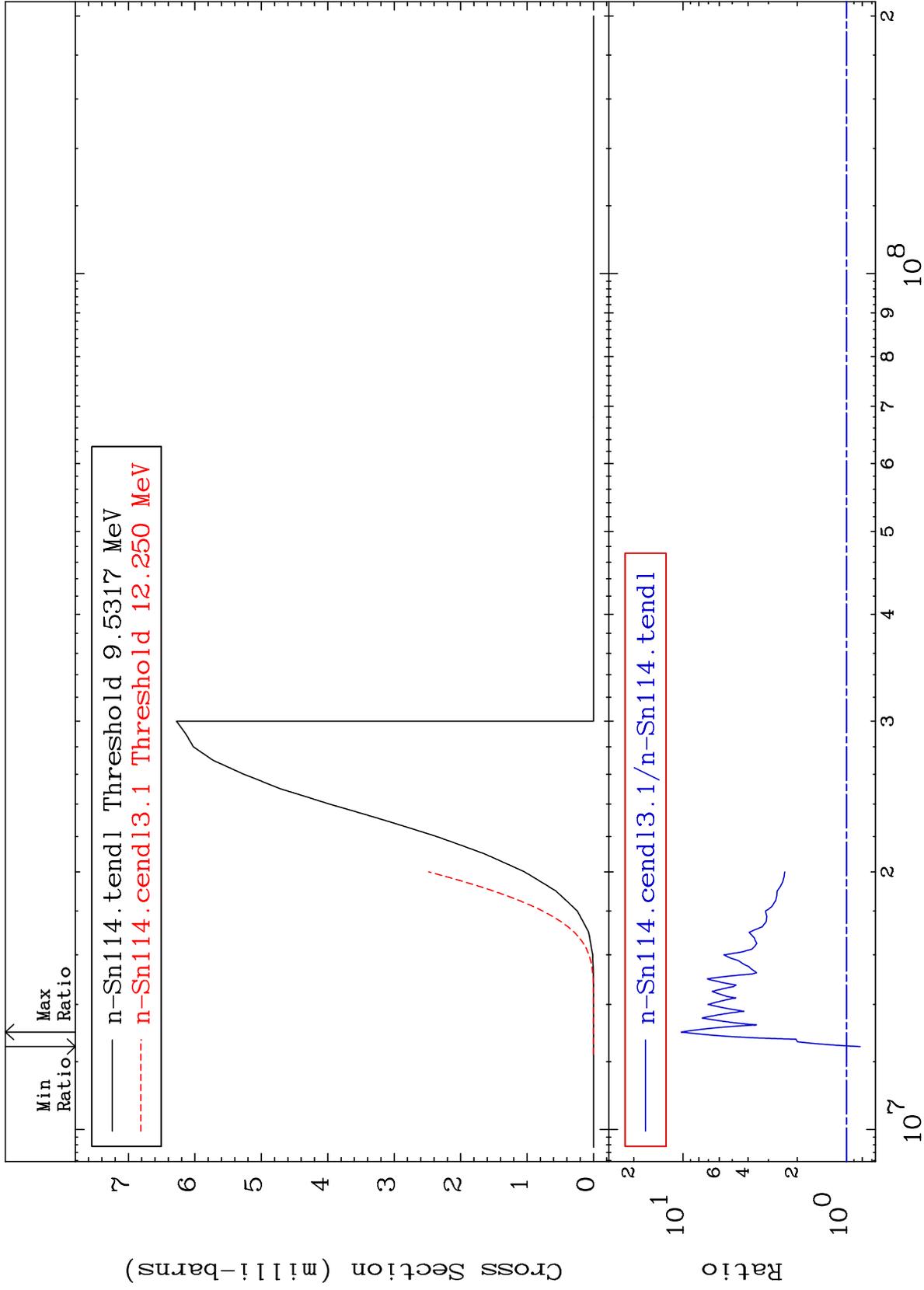
MAT 5031

(n, t)

50-Sn-114

Cross Section

-17.54 To 926.6 %



39

Incident Energy (eV)

50-Sn-114

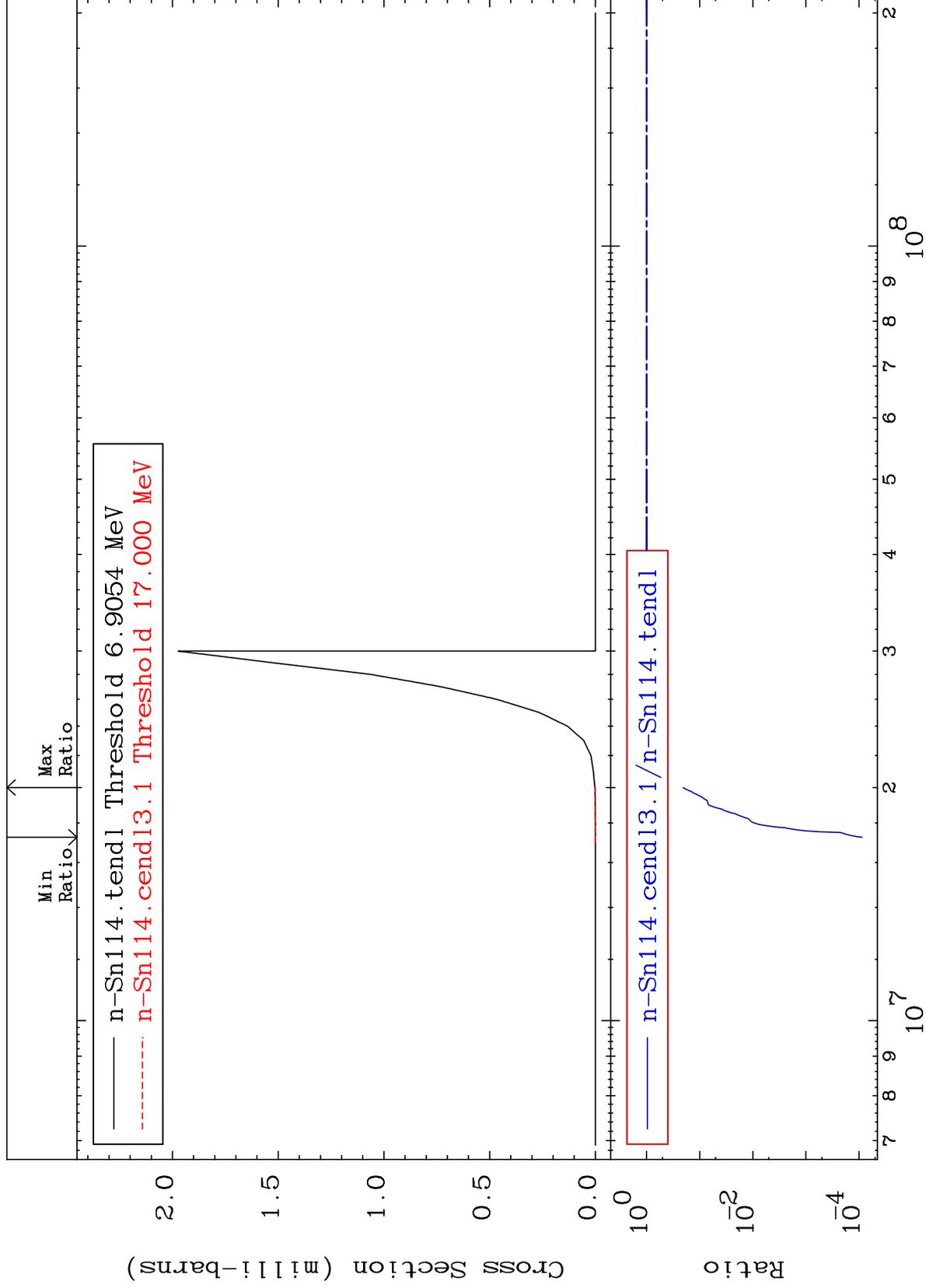
MAT 5031

(n, He-3)

50-Sn-114

Cross Section

-99.99 To -79.48%



40

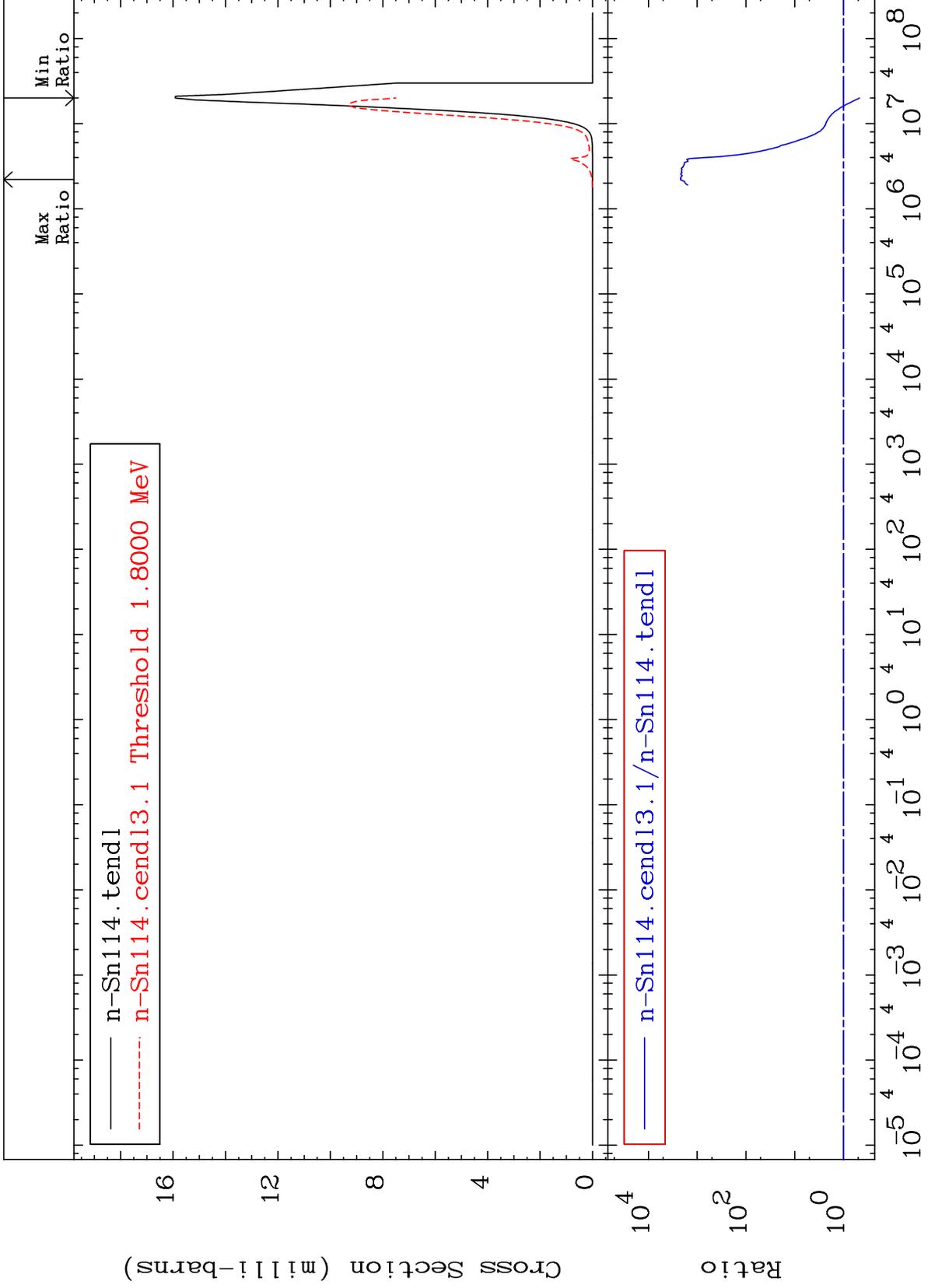
Incident Energy (eV)

50-Sn-114

MAT 5031

(n, α)
Cross Section

50-Sn-114
-52.90 To 9999. %



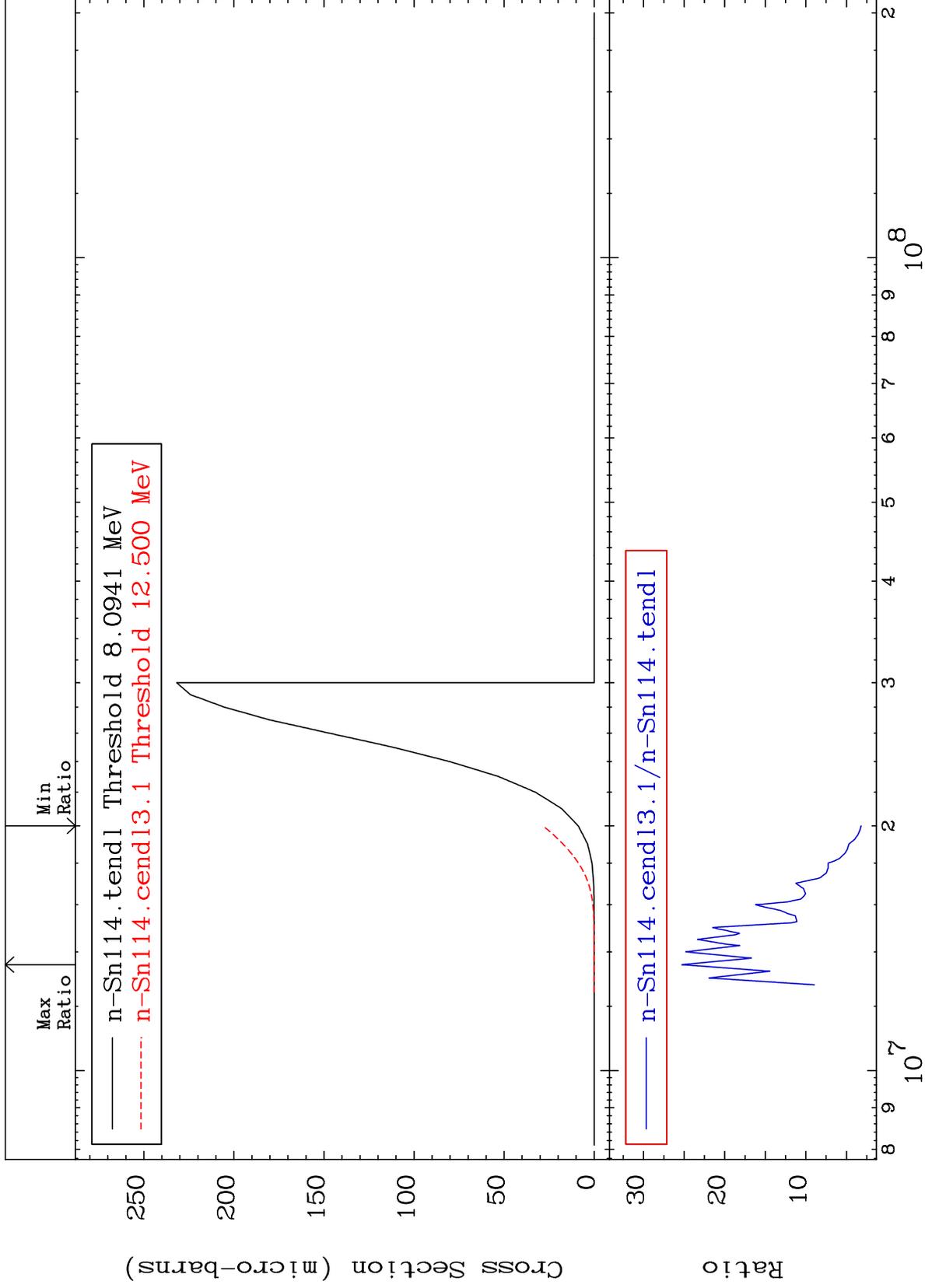
MAT 5031

(n,2p)

50-Sn-114

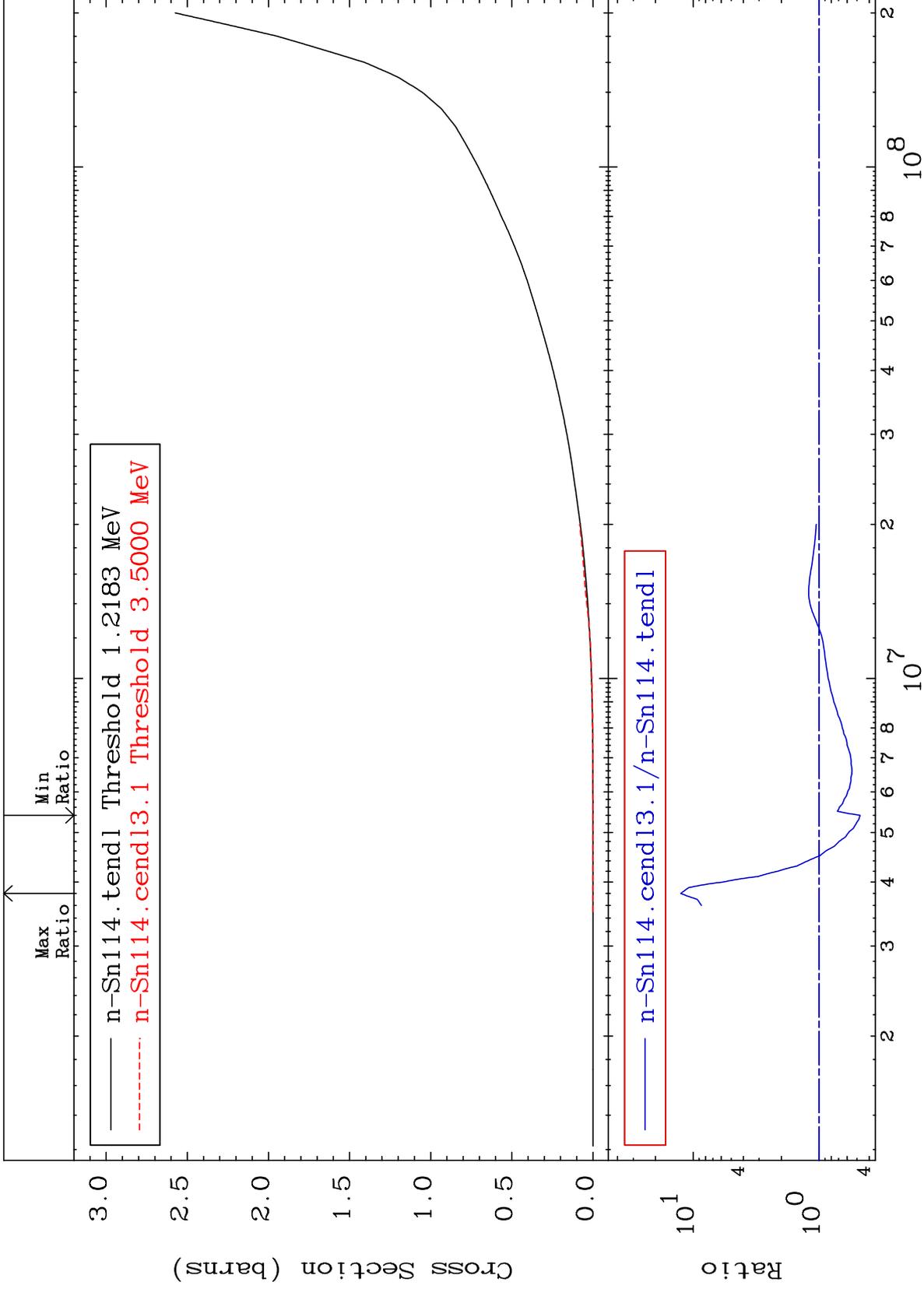
Cross Section

219.2 To 2427. %



42

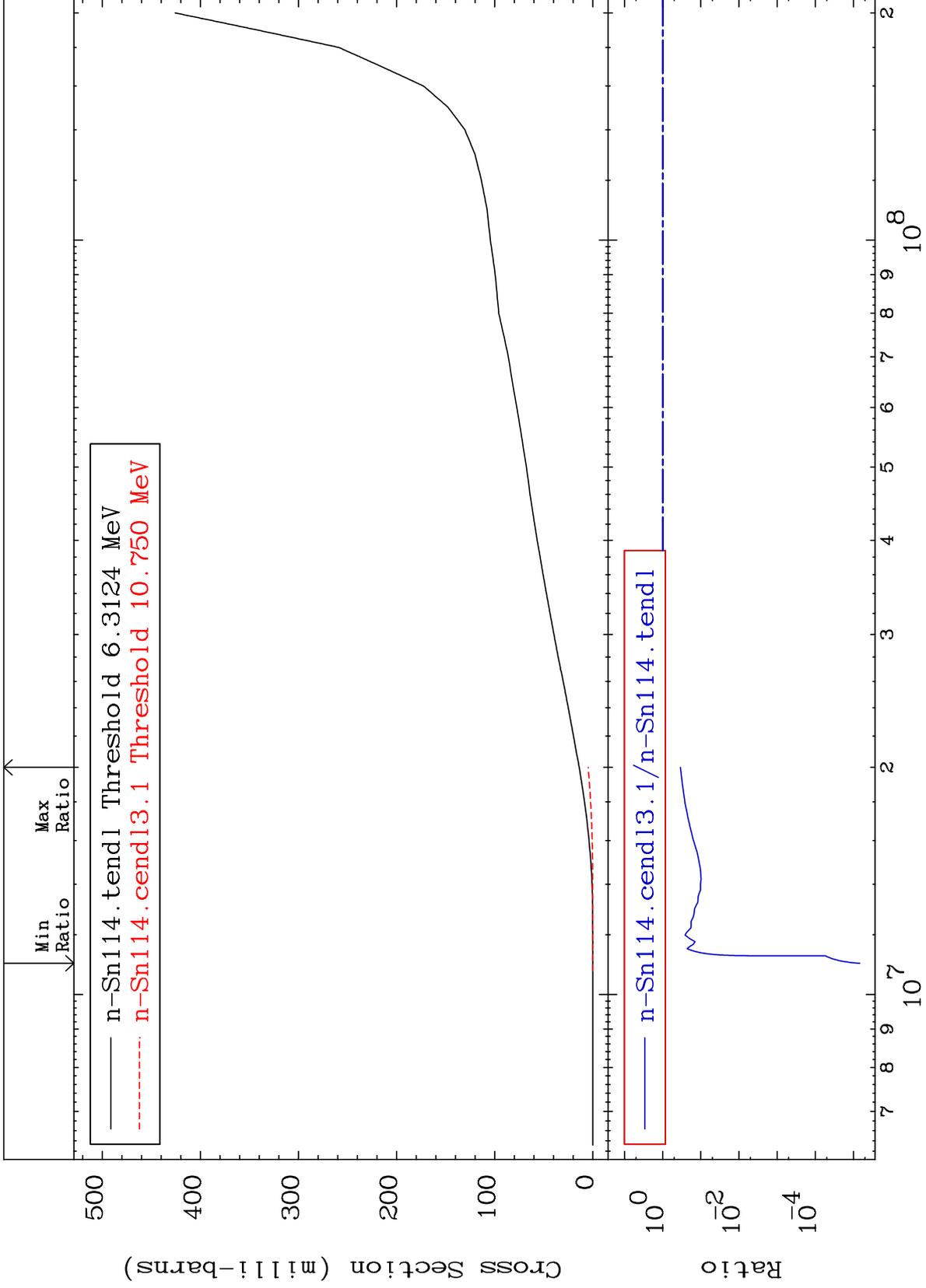
50-Sn-114



MAT 5031

Deuterium Production
Cross Section

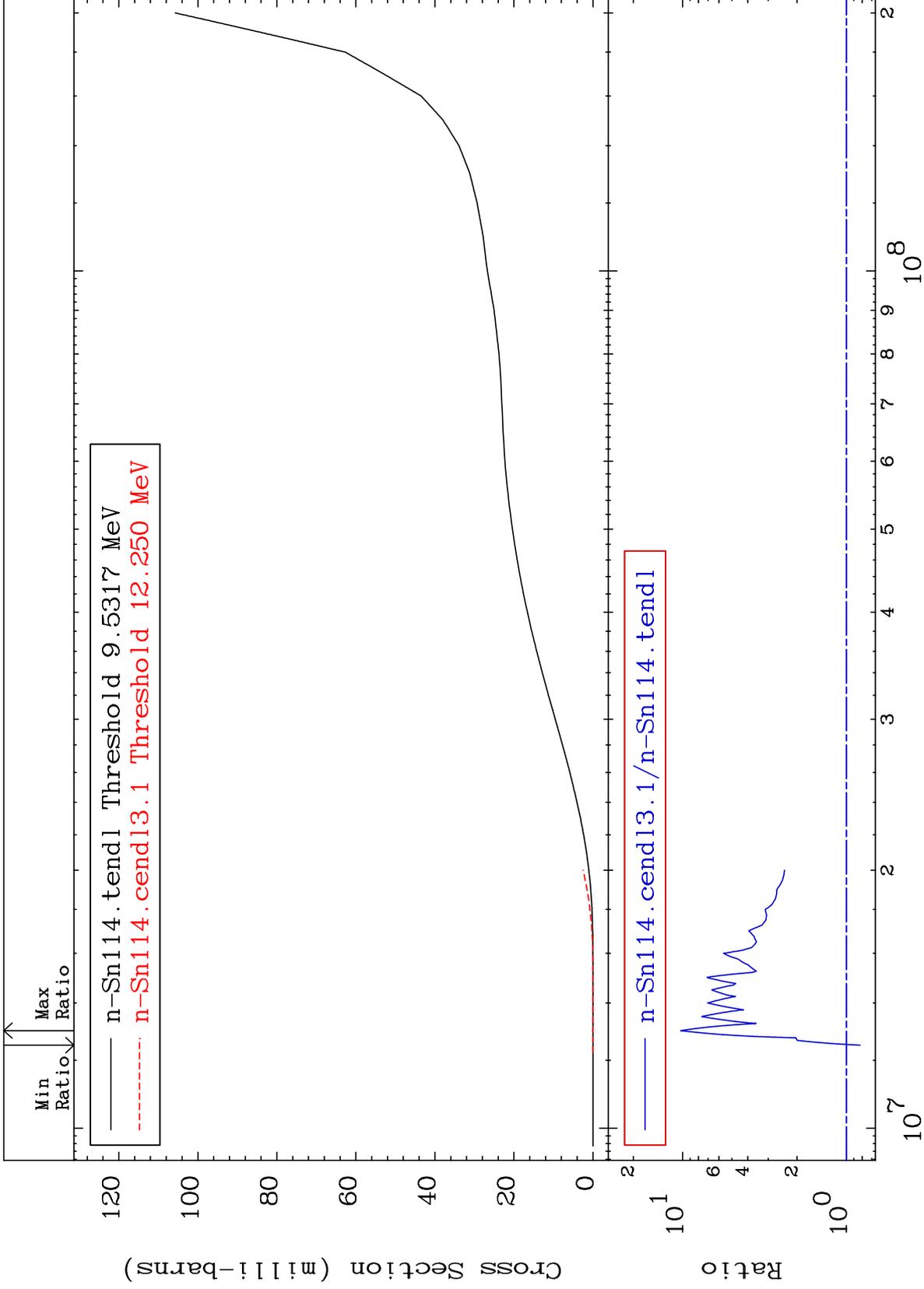
50-Sn-114
-100.0 To -65.99%



MAT 5031

Tritium Production
Cross Section

50-Sn-114
-17.54 To 926.6 %



45

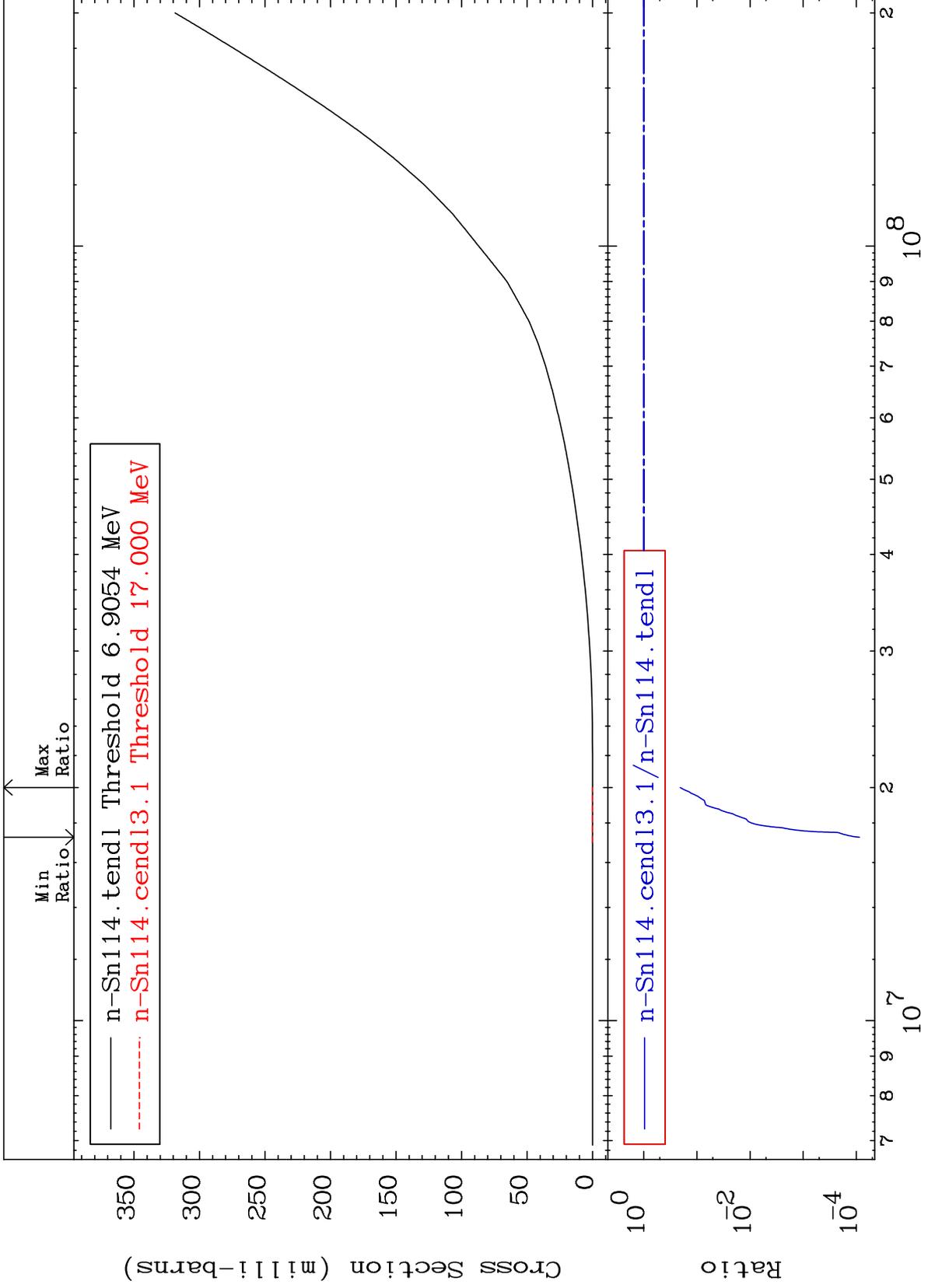
Incident Energy (eV)

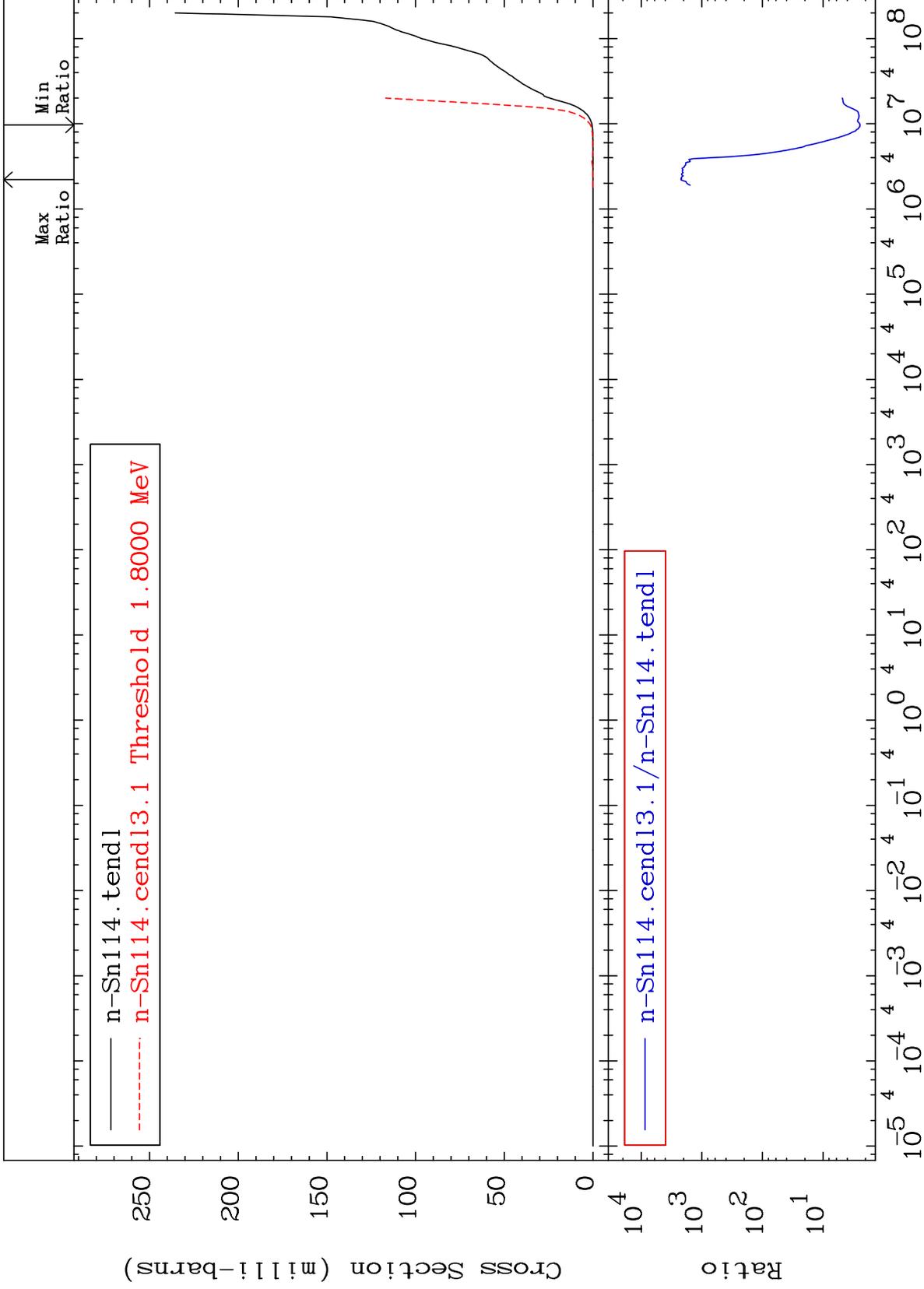
50-Sn-114

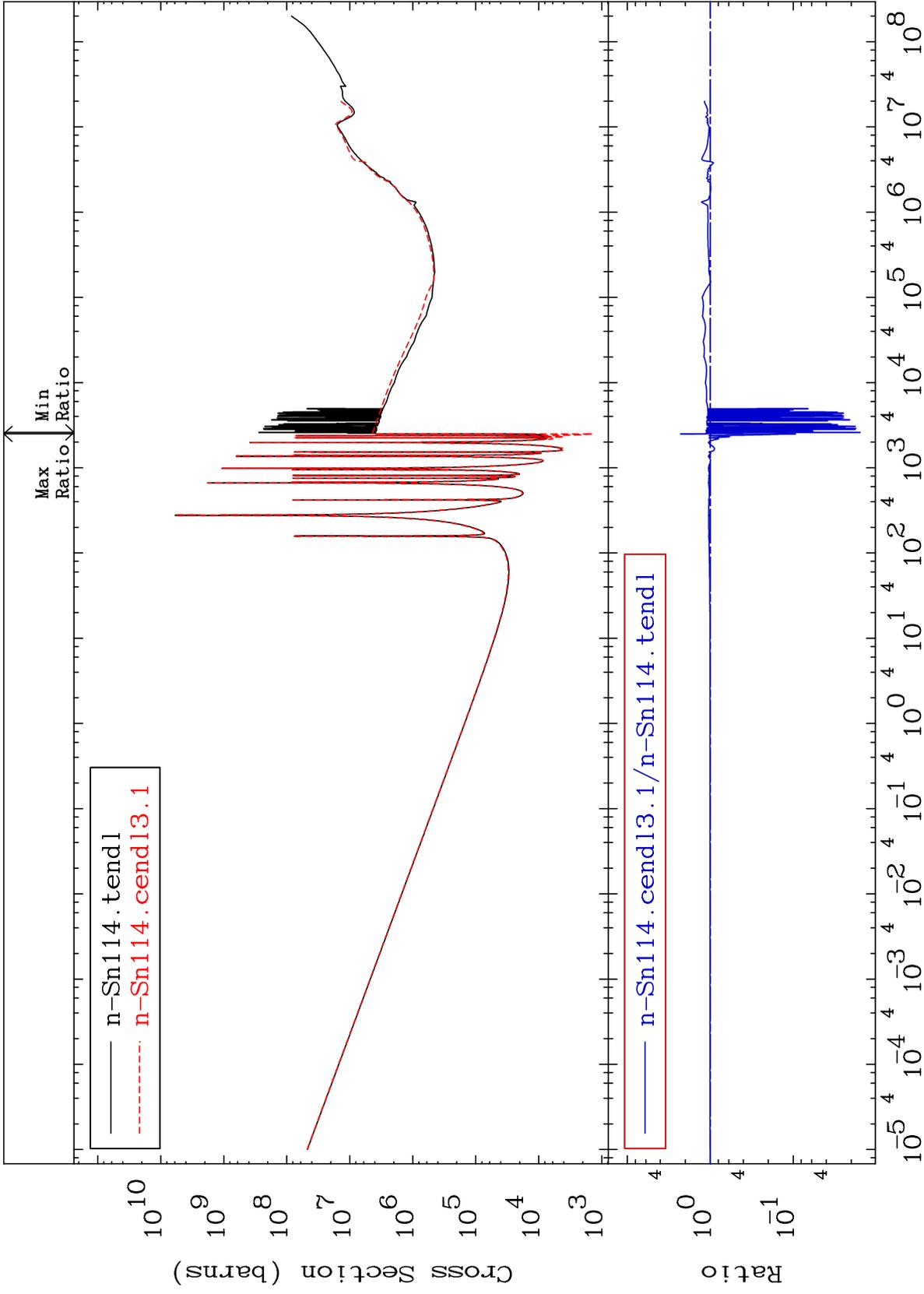
MAT 5031

He-3 Production
Cross Section

50-Sn-114
-99.99 To -79.48%



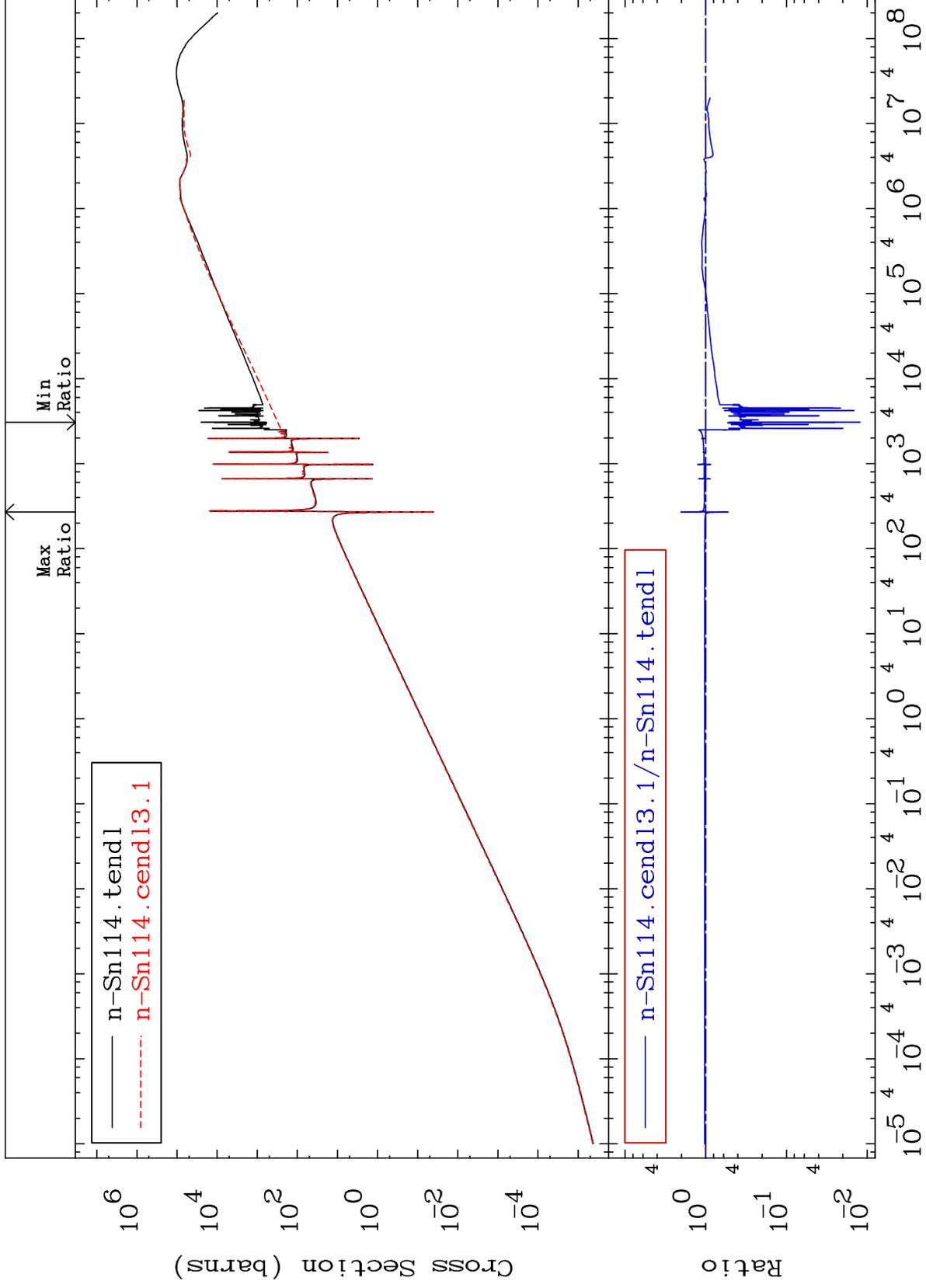




MAT 5031

Kerma elastic
Cross Section

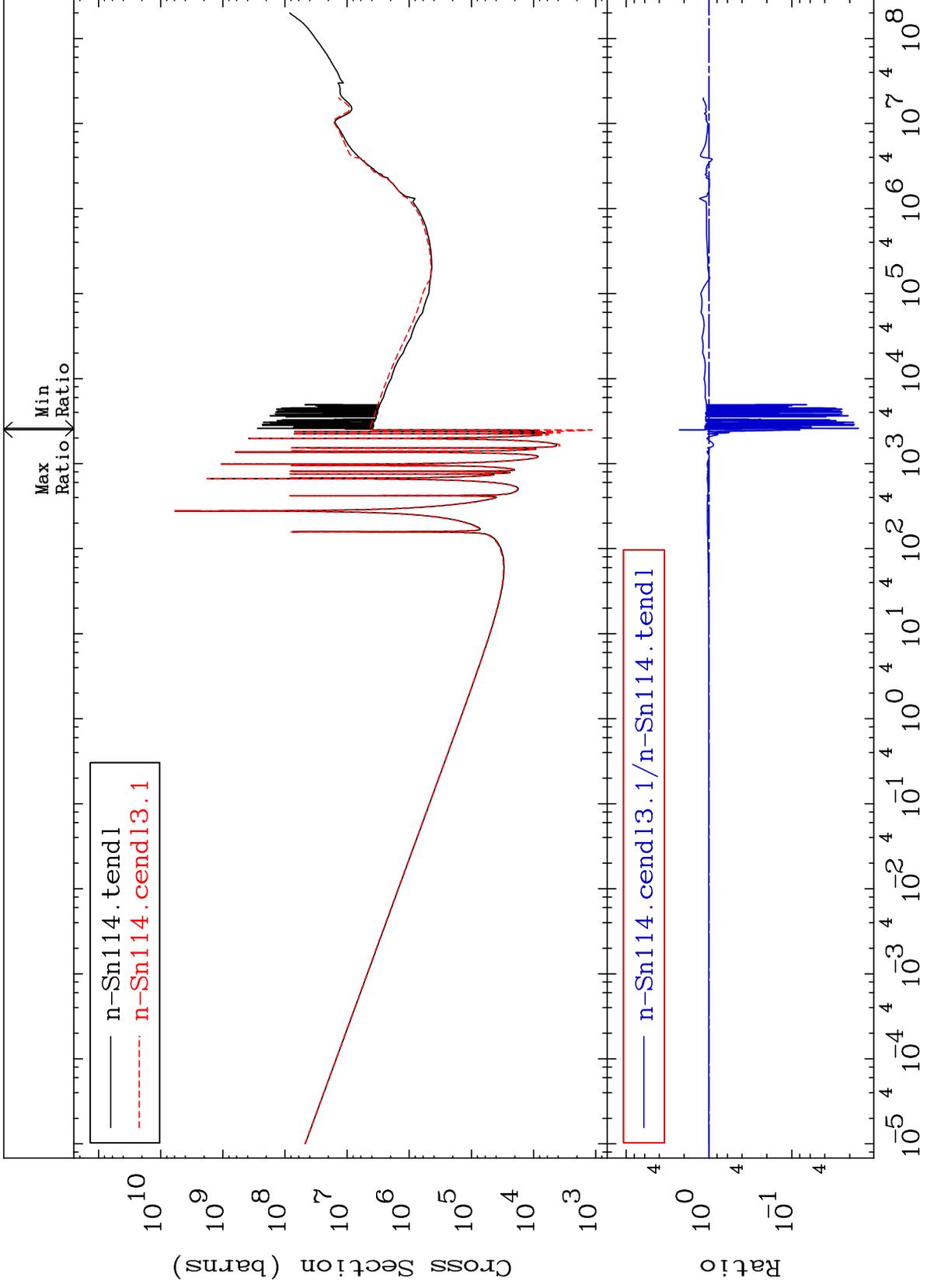
50-Sn-114
-98.77 To 103.1 %



MAT 5031

Kerma non-elastic (all but mt2)
Cross Section

50-Sn-114
-98.44 To 127.0 %



50

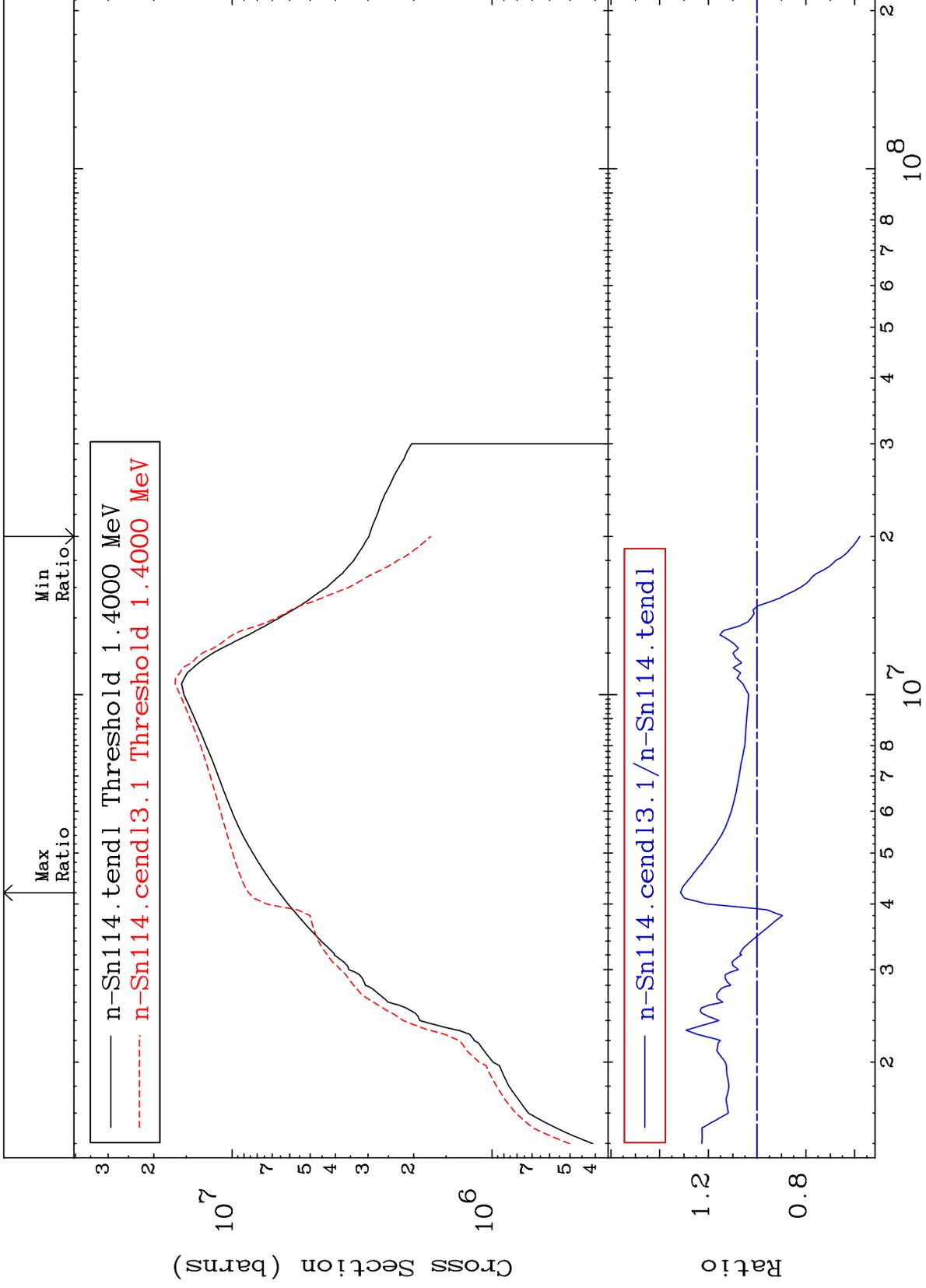
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma inelastic (mt51-91)
Cross Section

50-Sn-114
-42.12 To 31.45 %



51

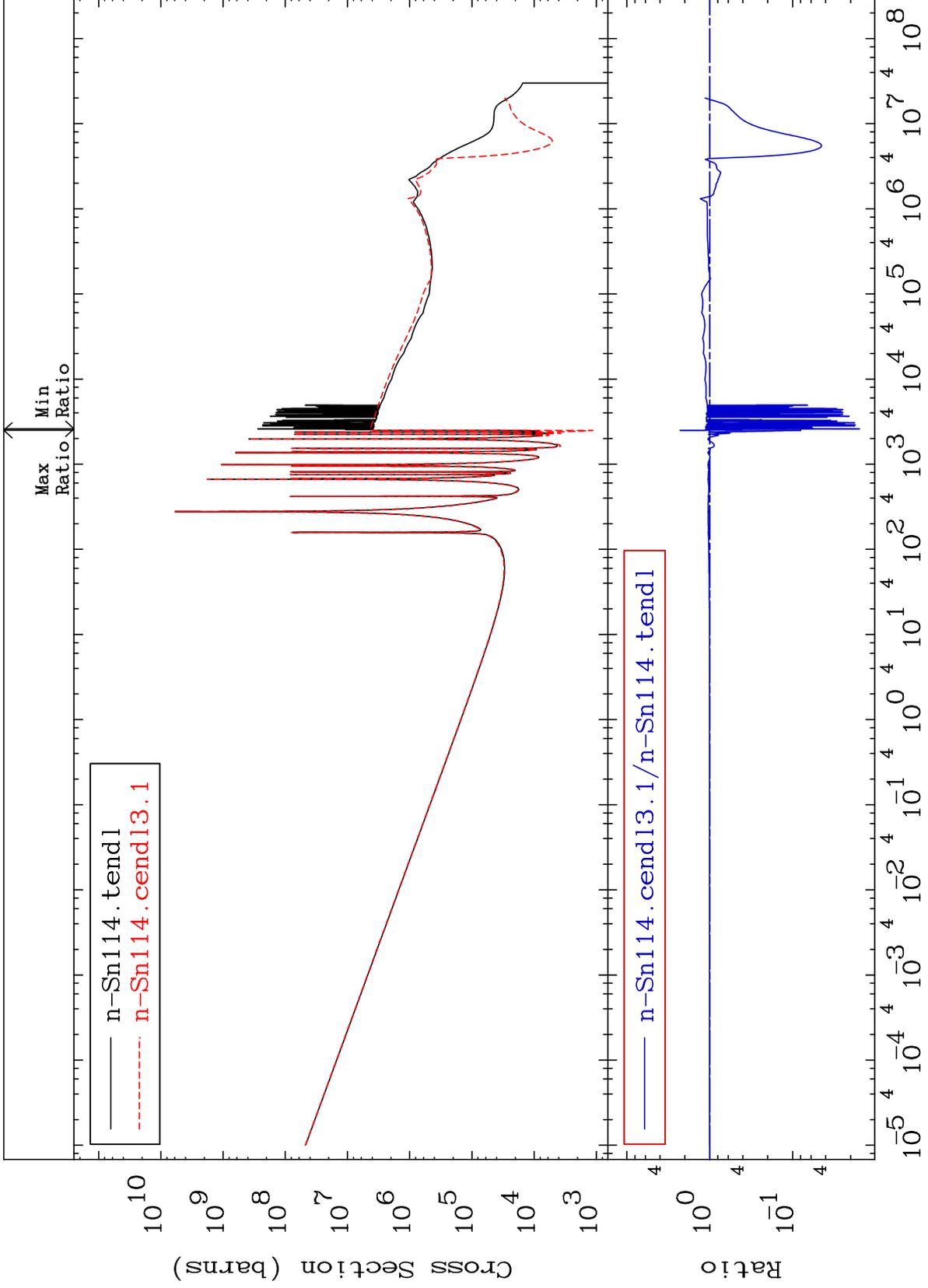
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma capture (mt102)
Cross Section

50-Sn-114
-98.44 To 127.0 %



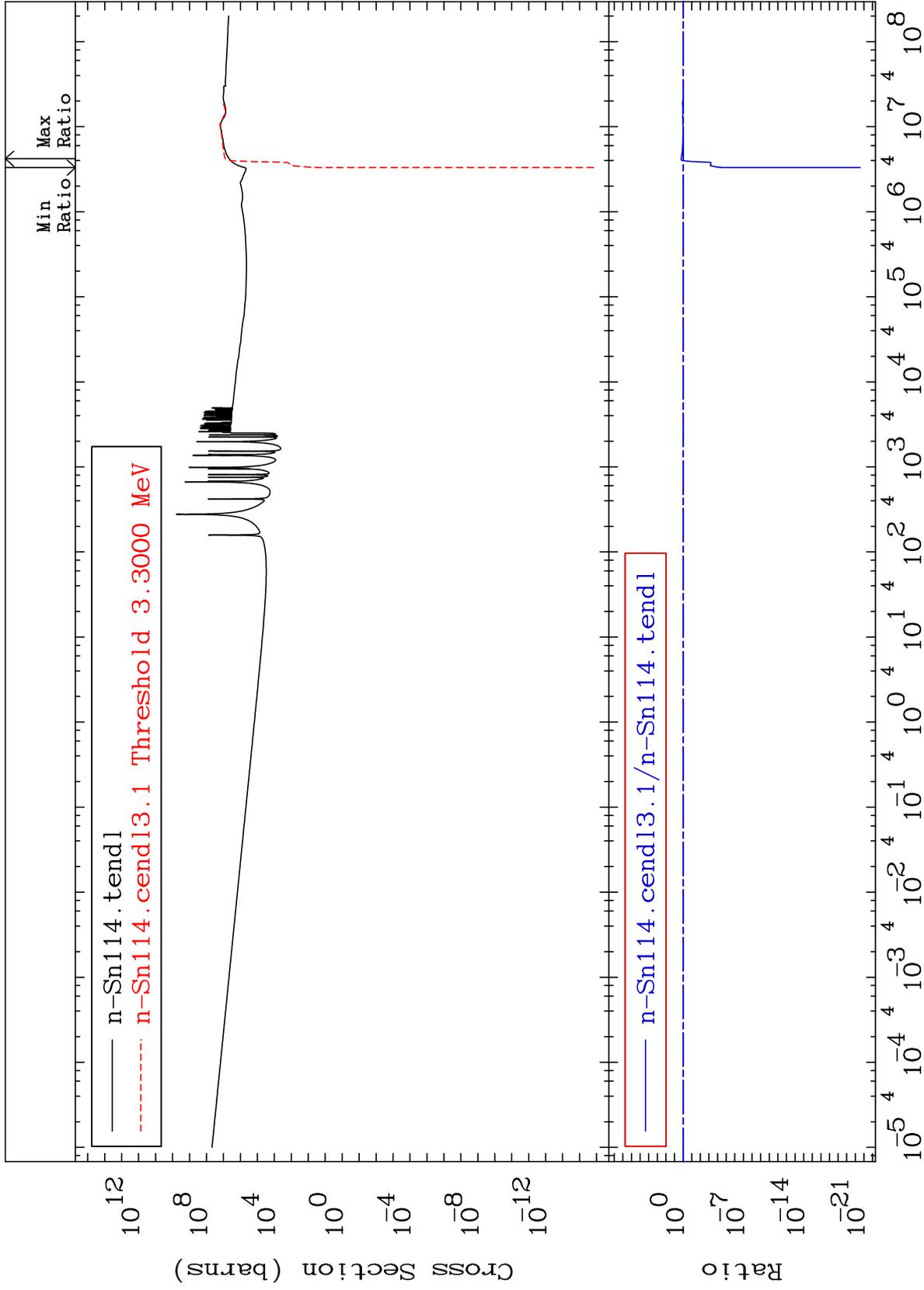
MAT 5031

Total photon (eV-barns)

50-Sn-114

Cross Section

-100.0 To 68.00 %



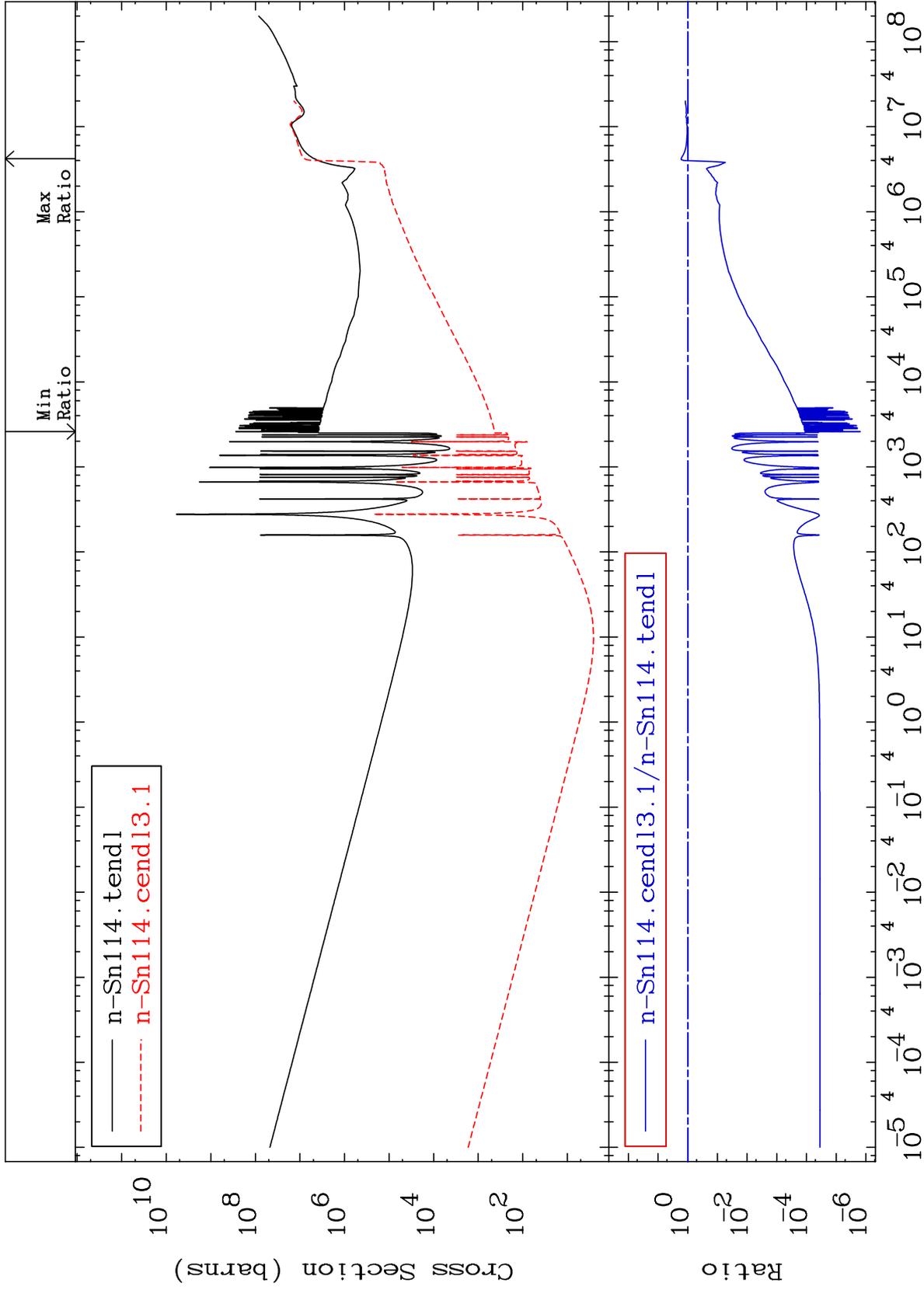
MAT 5031

Total kinematic kerma (high limit)

50-Sn-114

Cross Section

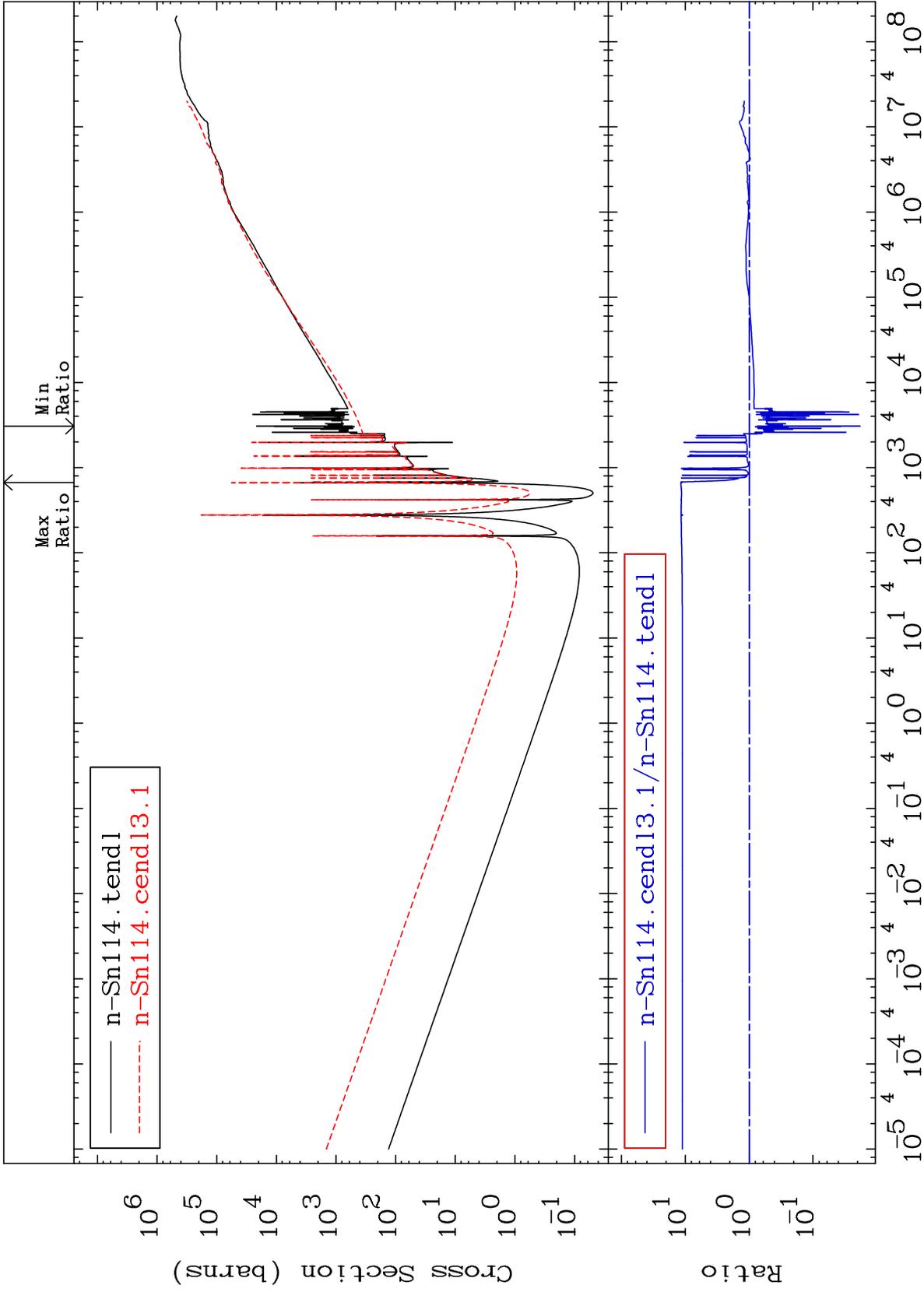
-100.0 To 65.84 %



55

Incident Energy (eV)

50-Sn-114



MAT 5031

Dpa elastic (mt2)
Cross Section

50-Sn-114
-99.32 To 25.09 %

