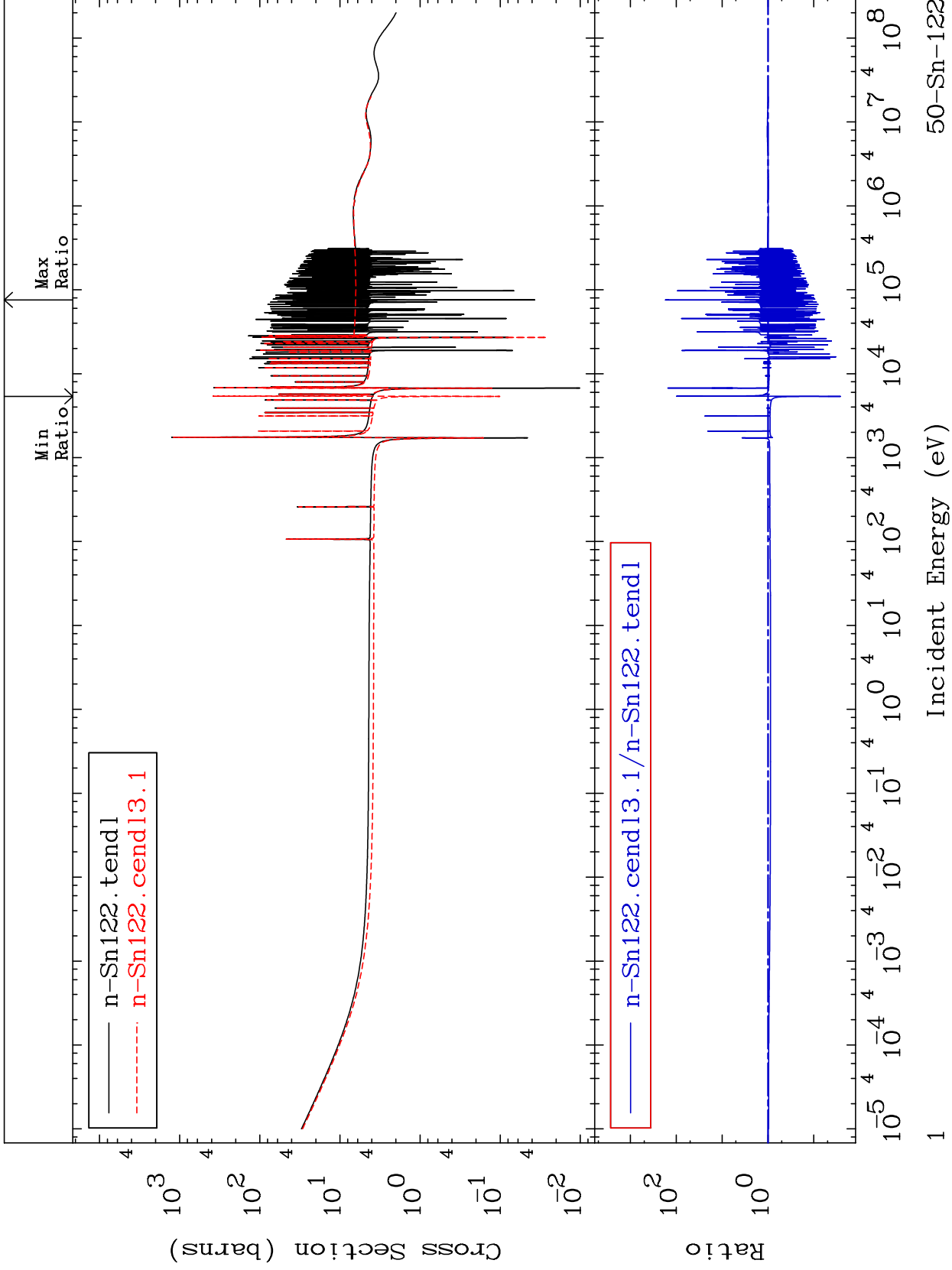


MAT 5055

Total
Cross Section

50-Sn-122
-97.41 To 9999. %

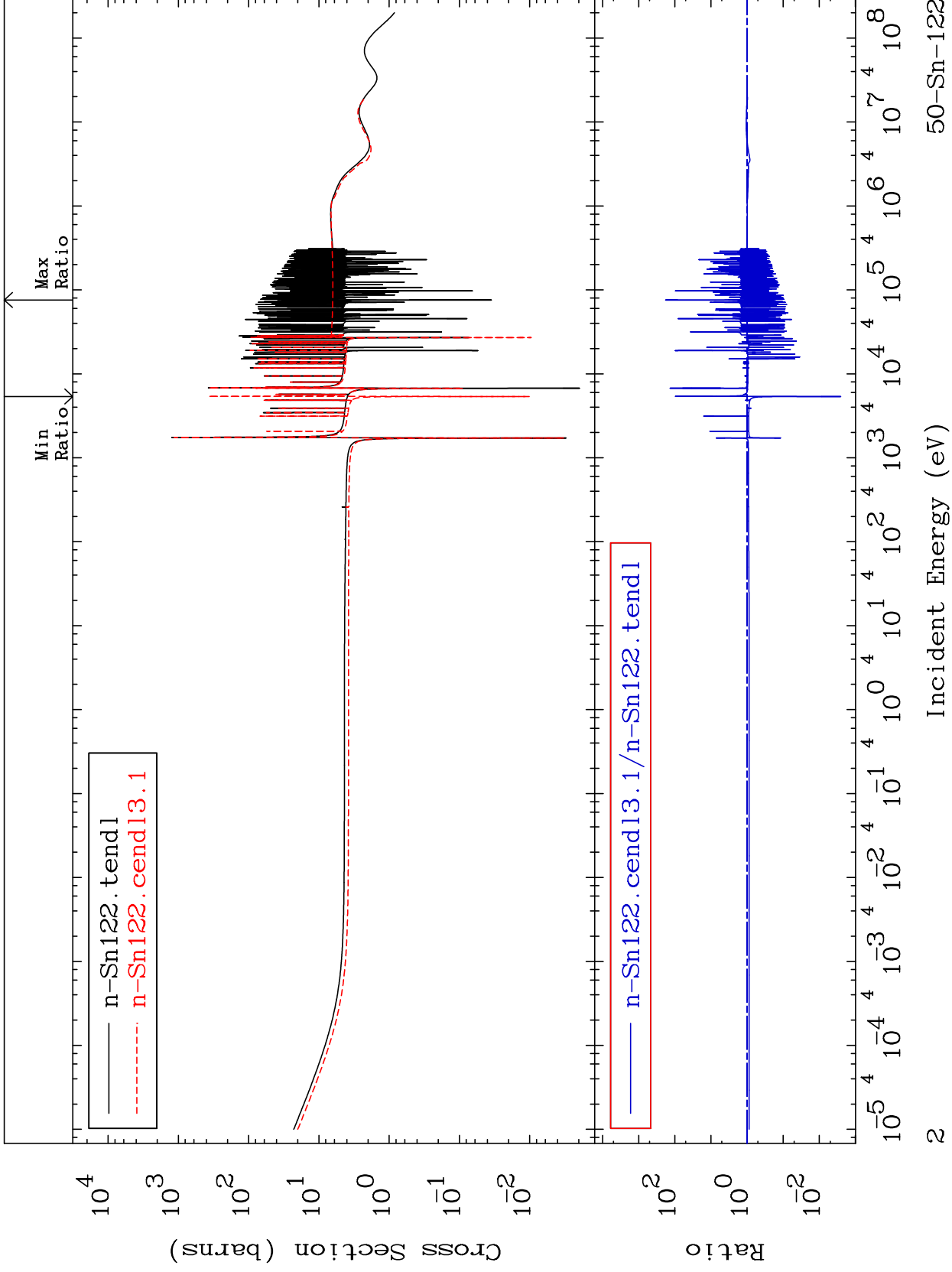


50-Sn-122

MAT 5055

Elastic
Cross Section

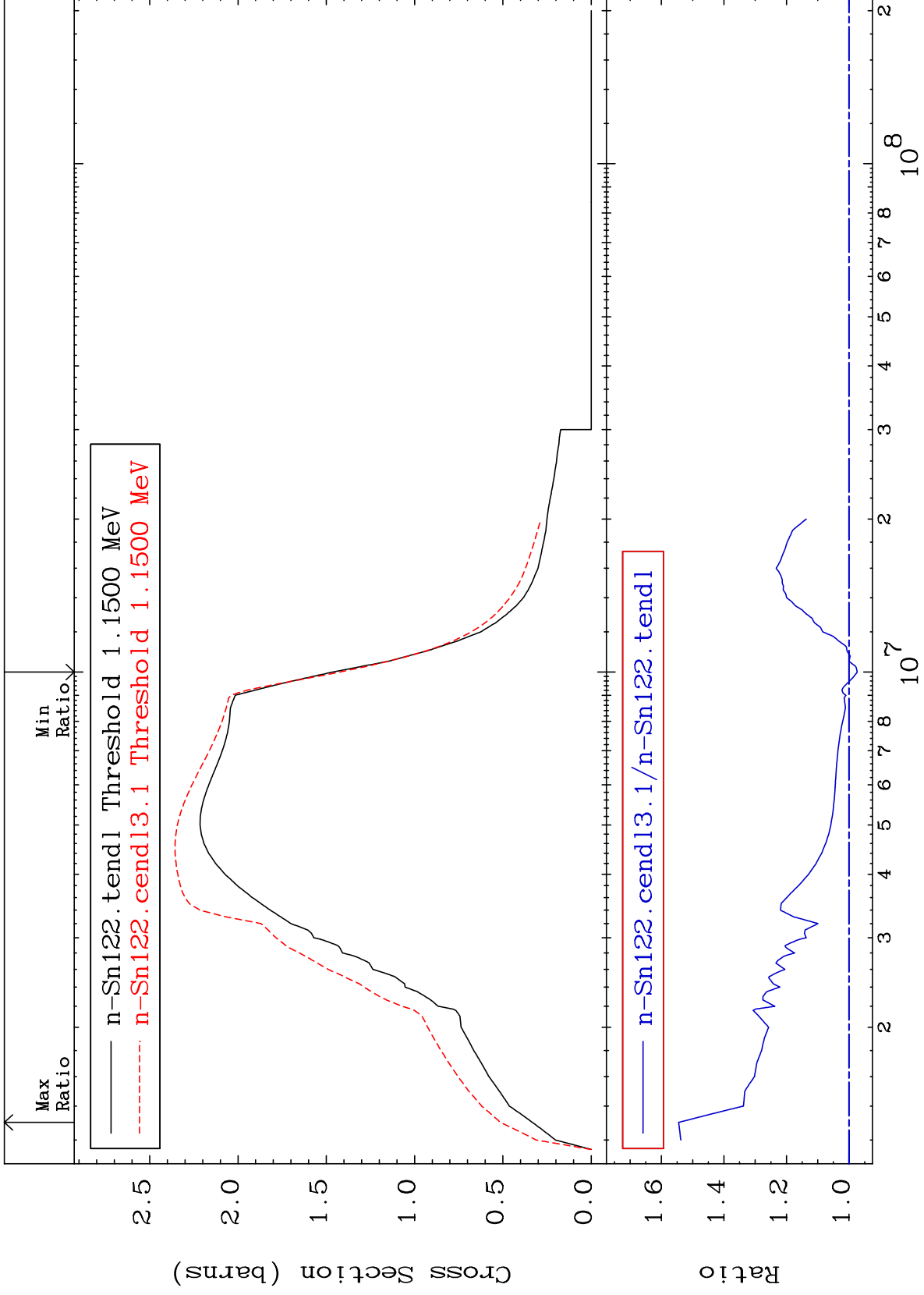
50-Sn-122
-99.74 To 9999. %



MAT 5055

Inelastic
Cross Section

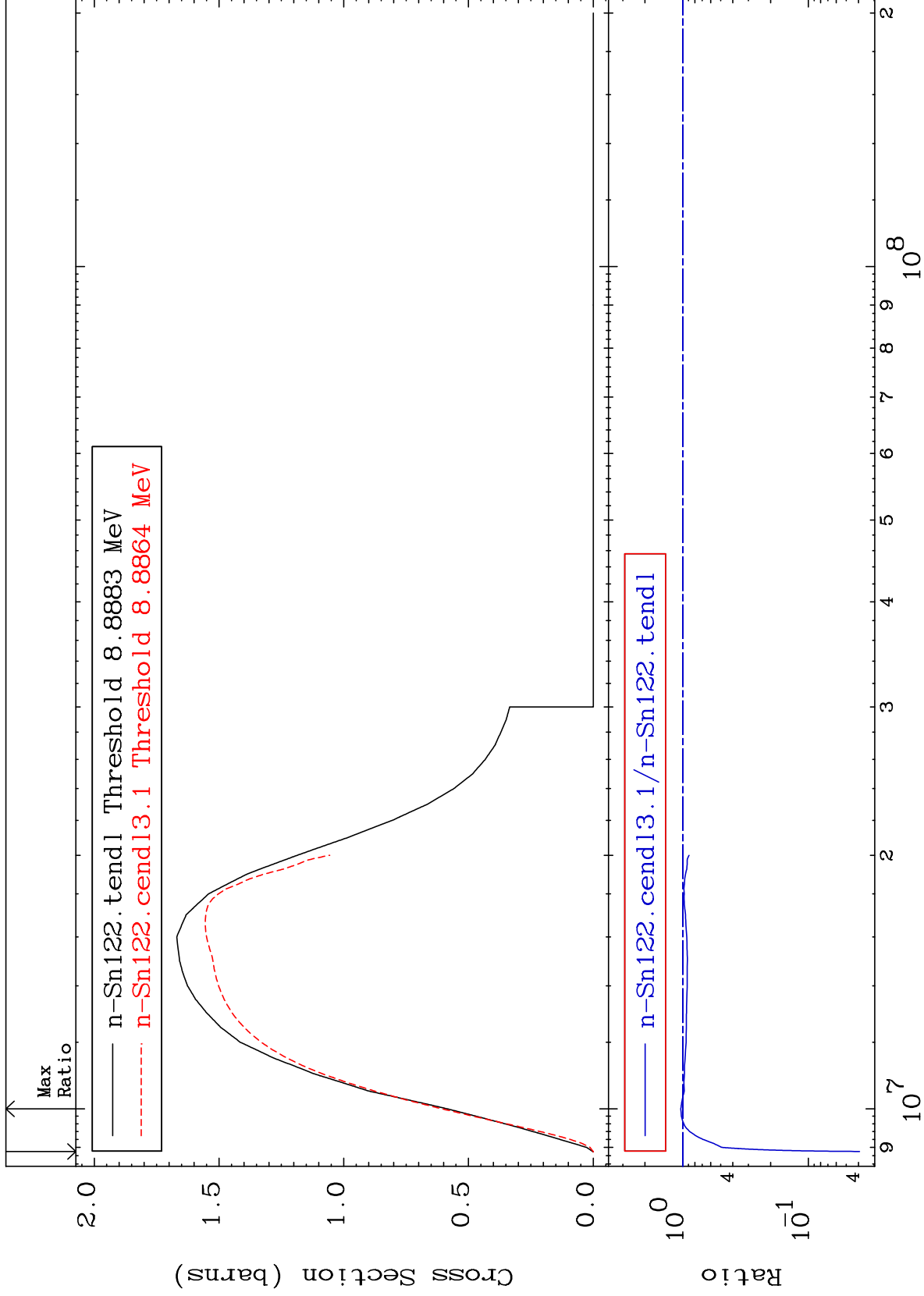
50-Sn-122
-2.639 To 54.49 %



MAT 5055

(n,2n)
Cross Section

50-Sn-122
-96.08 To 3.739 %



50-Sn-122

4

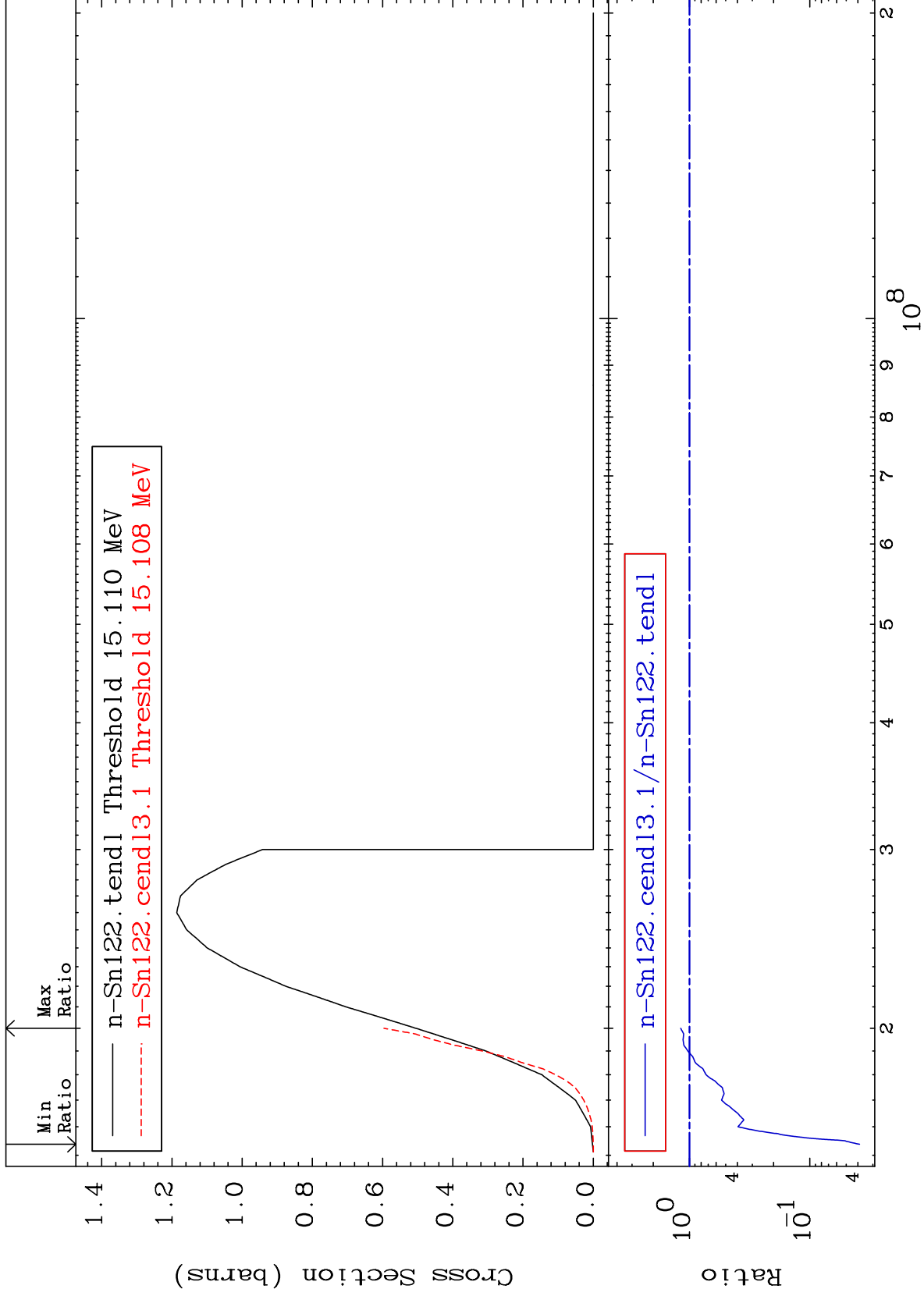
MAT 5055

(n,3n)

50-Sn-122

Cross Section

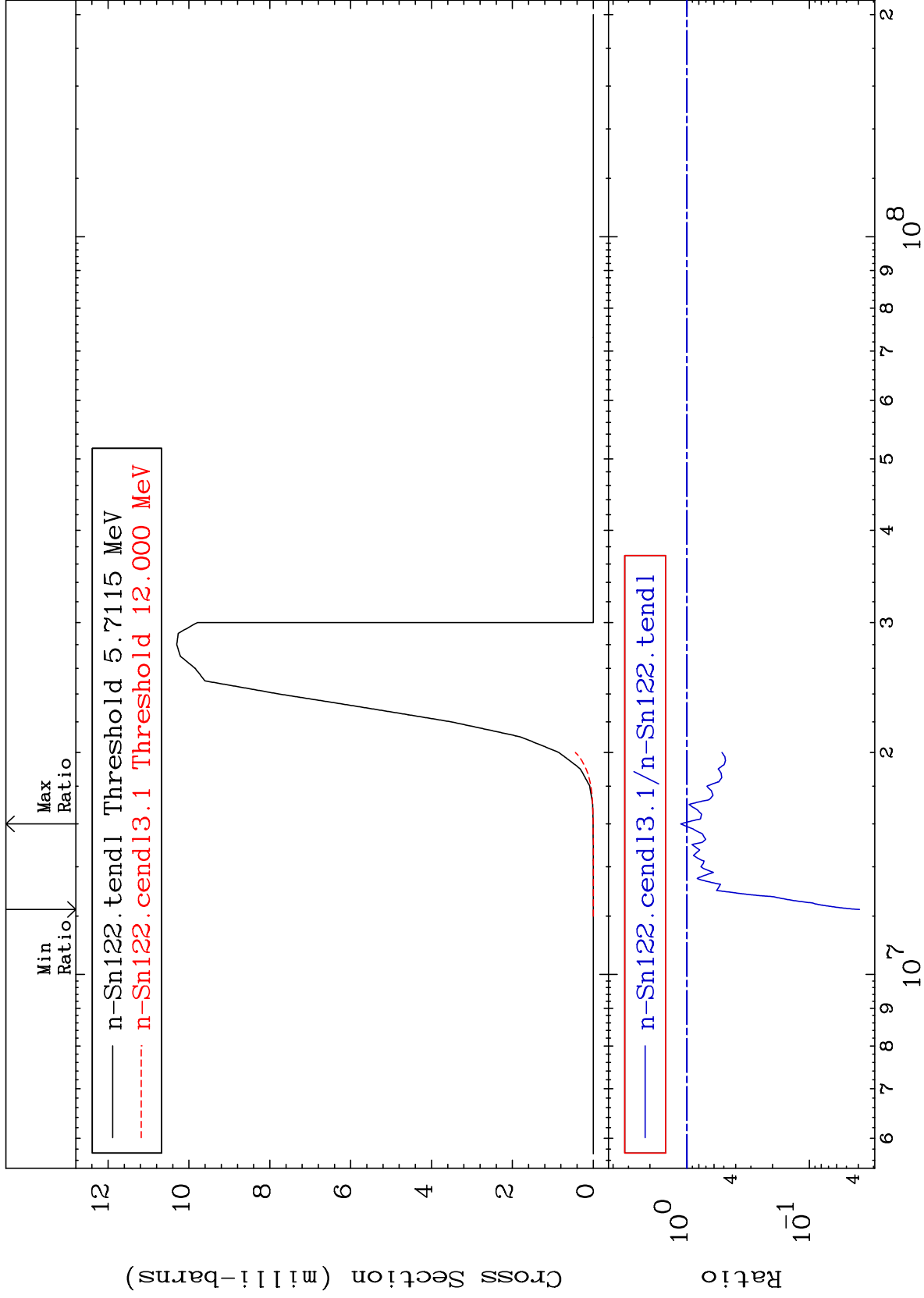
-96.13 To 18.07 %



MAT 5055

(n, n') α
Cross Section

50-Sn-122
-96.10 To 12.13 %



6

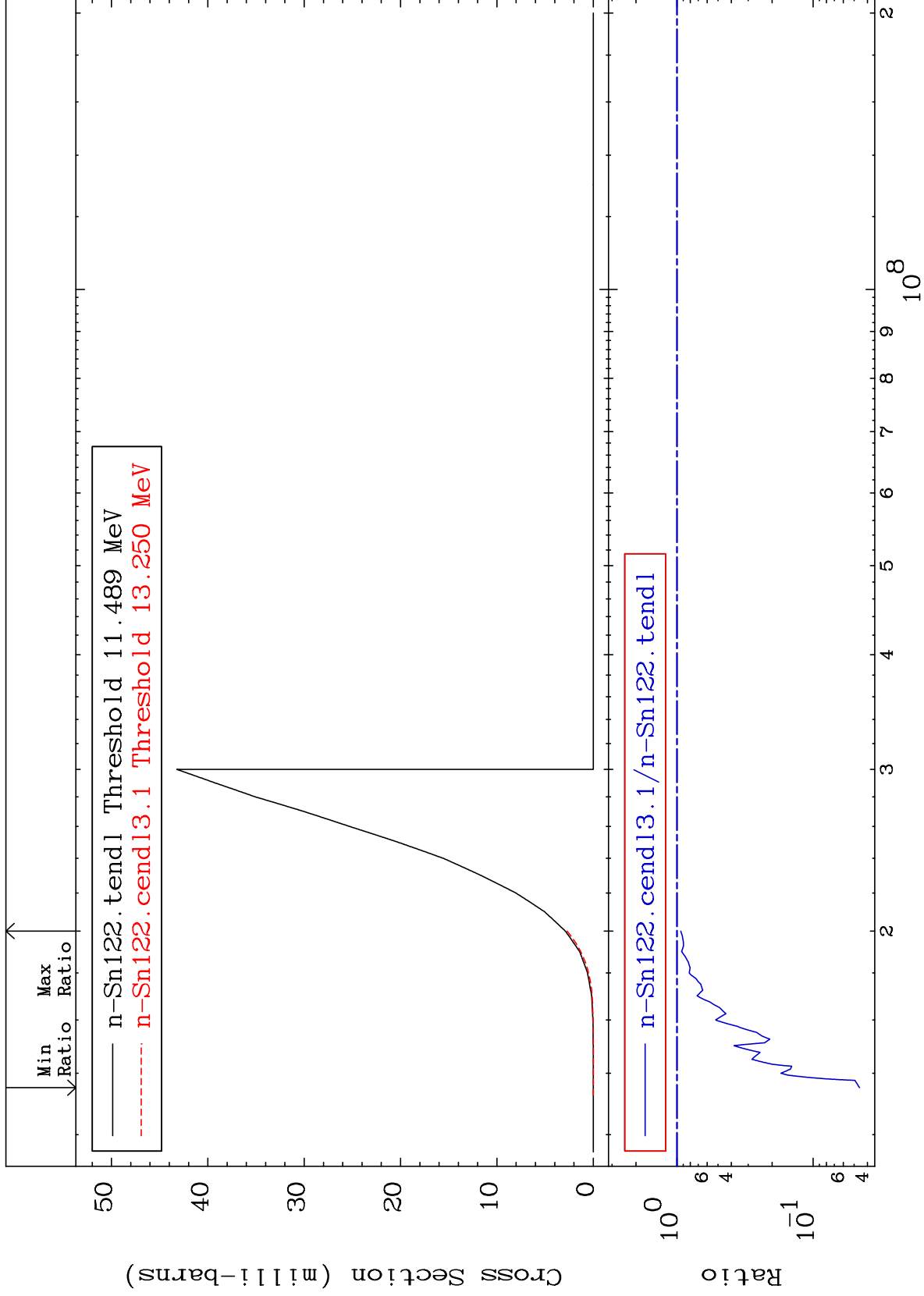
Incident Energy (eV)

50-Sn-122

MAT 5055

(n, n') p
Cross Section

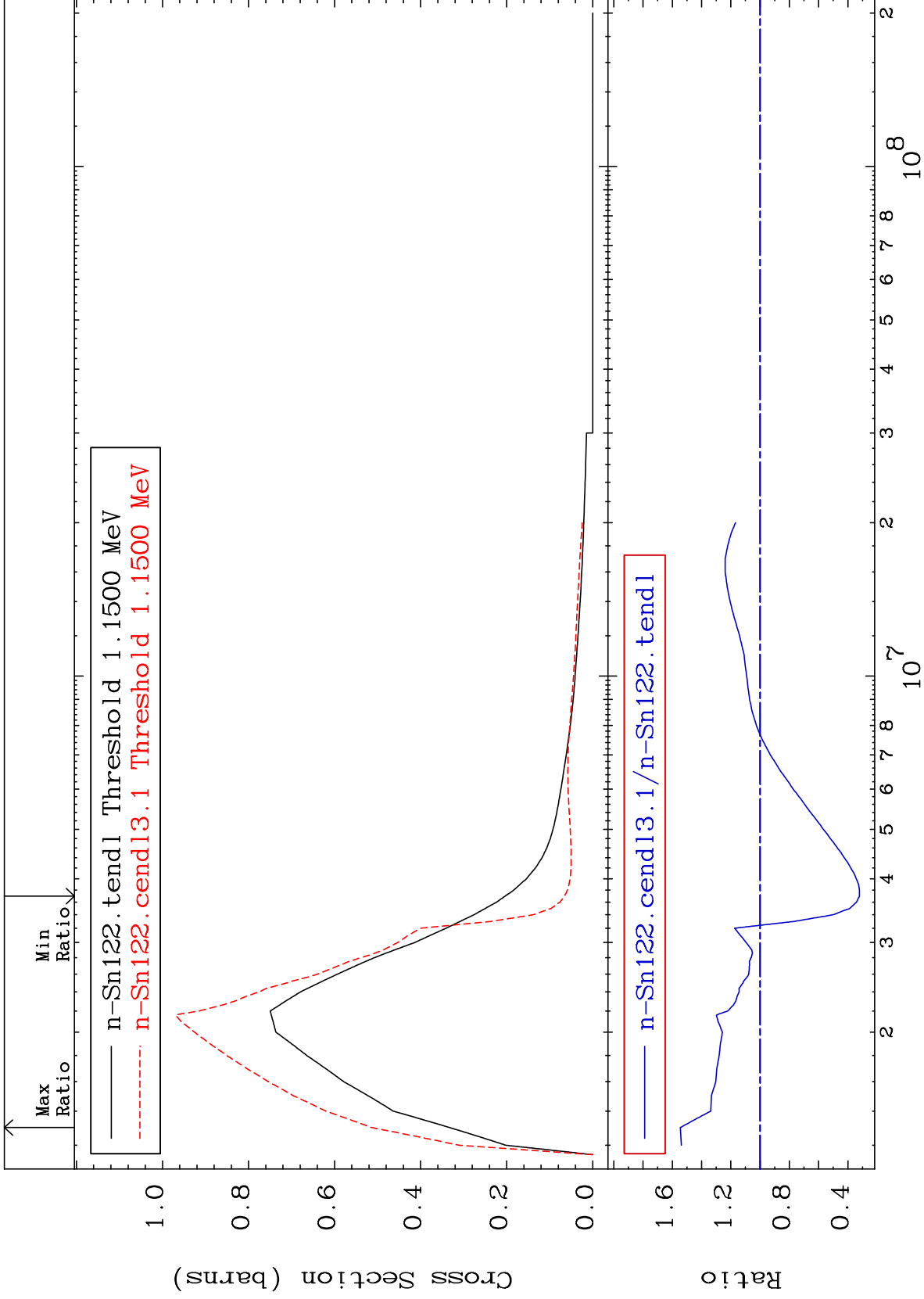
50-Sn-122
-95.43 To -6.095%



MAT 5055

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

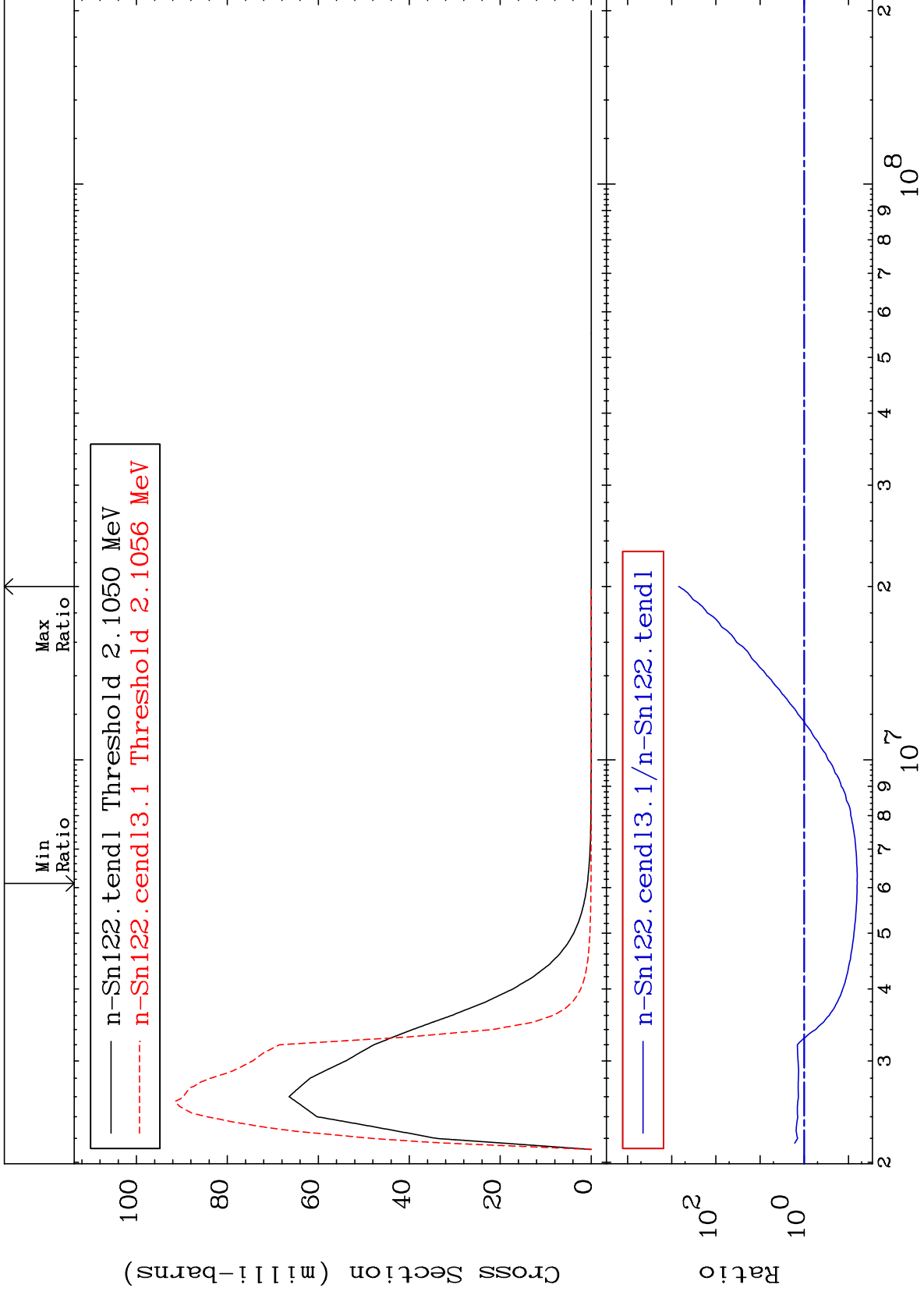
50-Sn-122
-67.91 To 54.49 %



MAT 5055

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

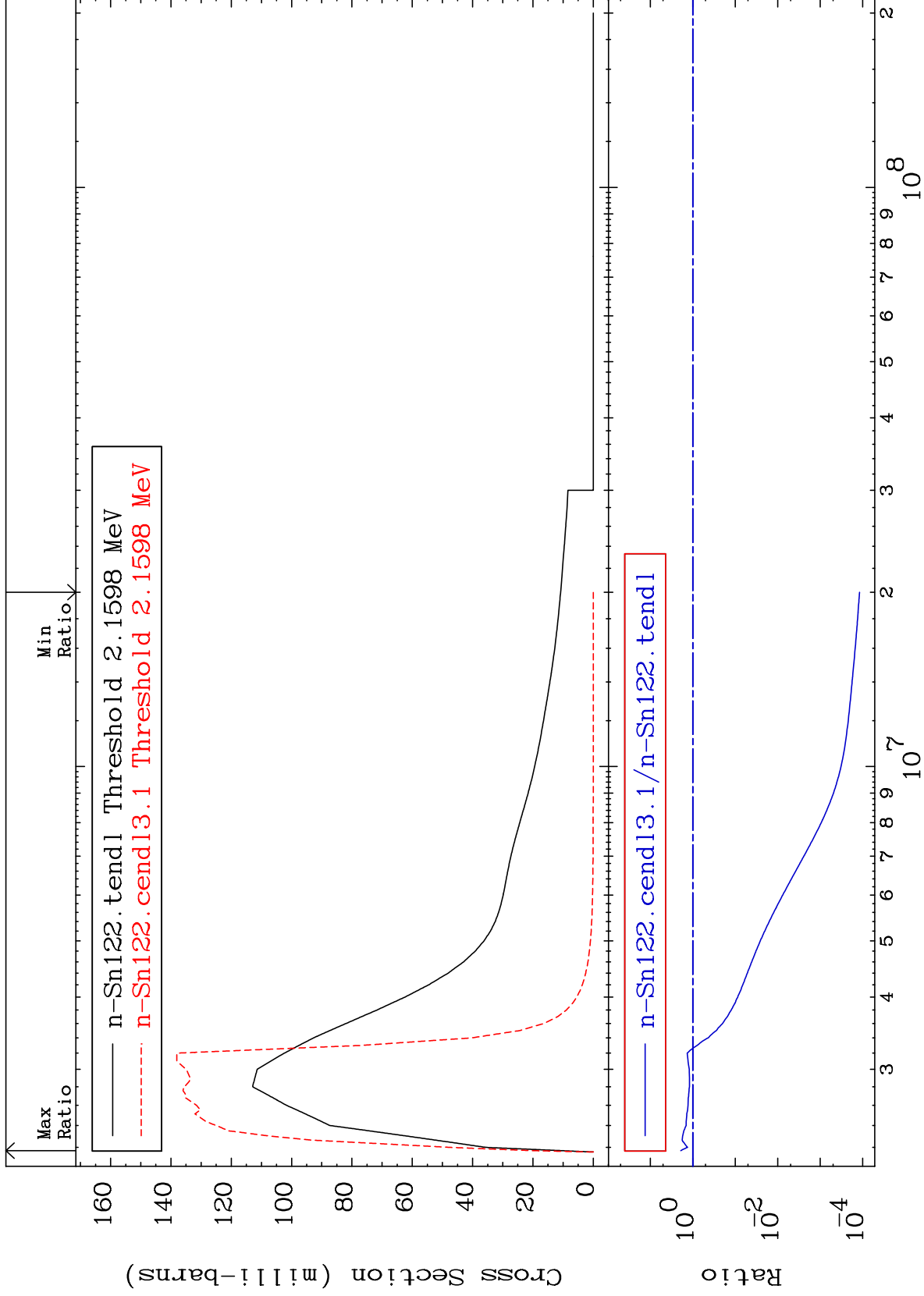
50-Sn-122
-93.69 To 9999. %



MAT 5055

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

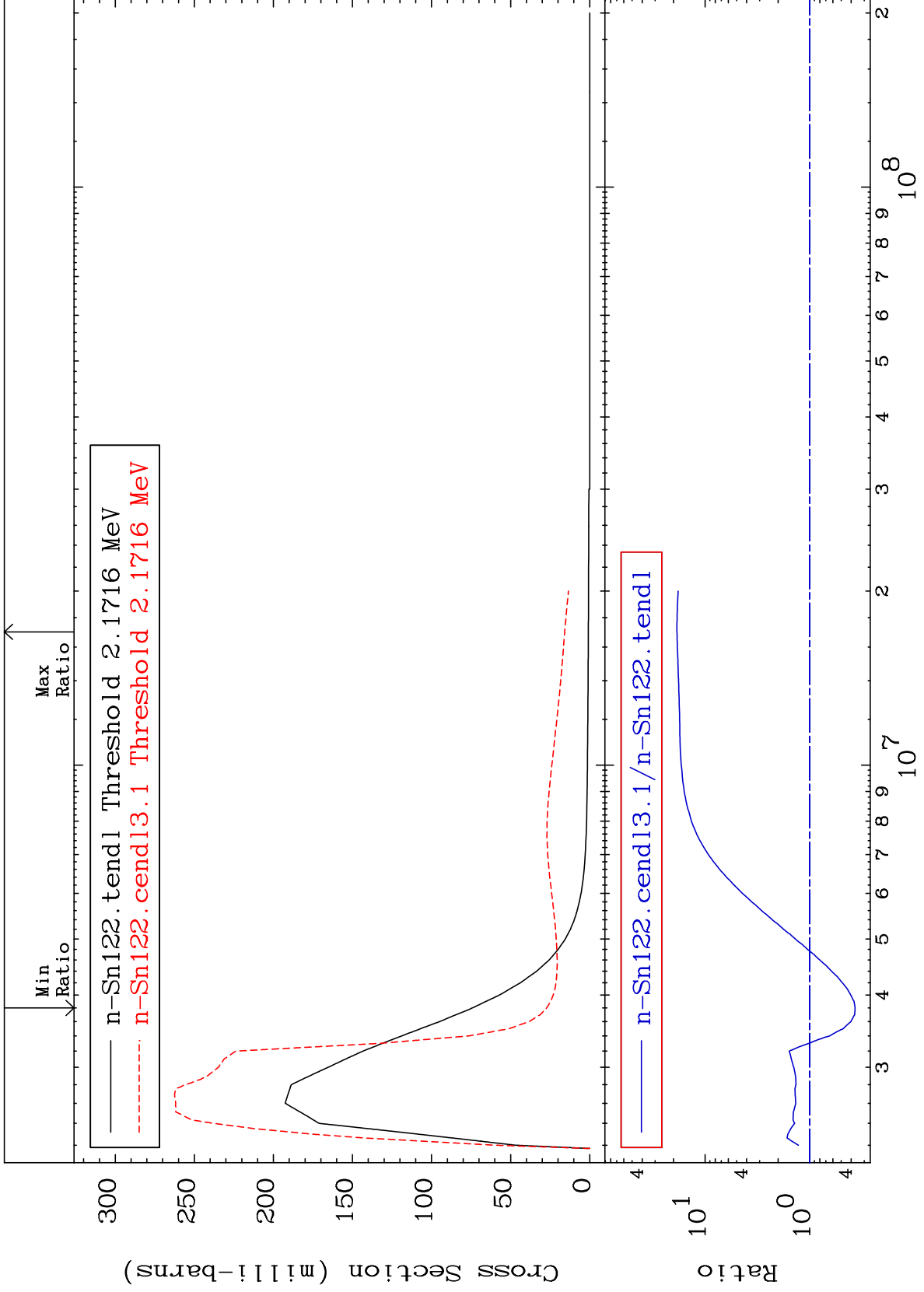
50-Sn-122
-99.99 To 91.79 %



MAT 5055

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

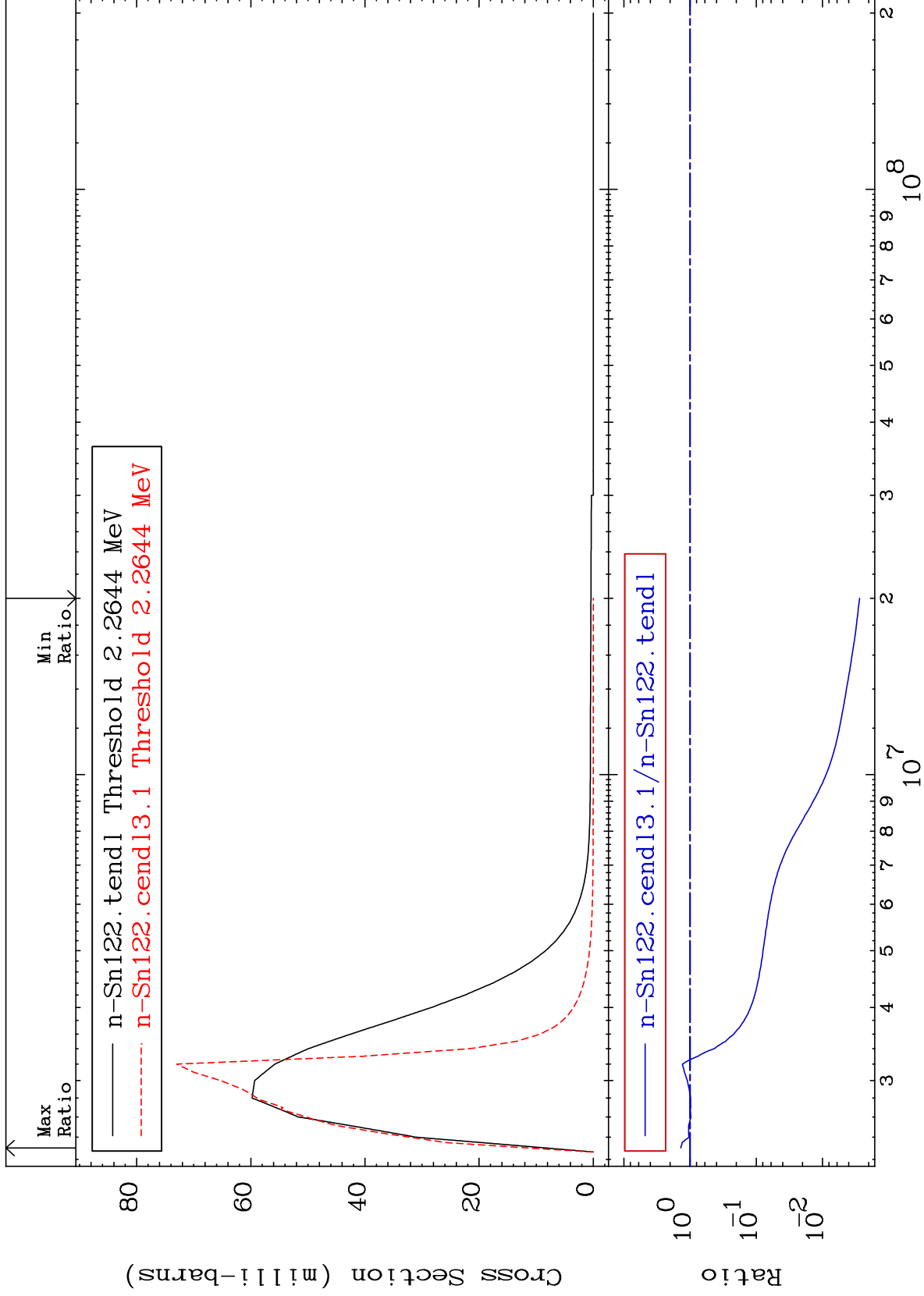
50-Sn-122
-63.27 To 1759. %



MAT 5055

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

50-Sn-122
-99.72 To 38.39 %



12

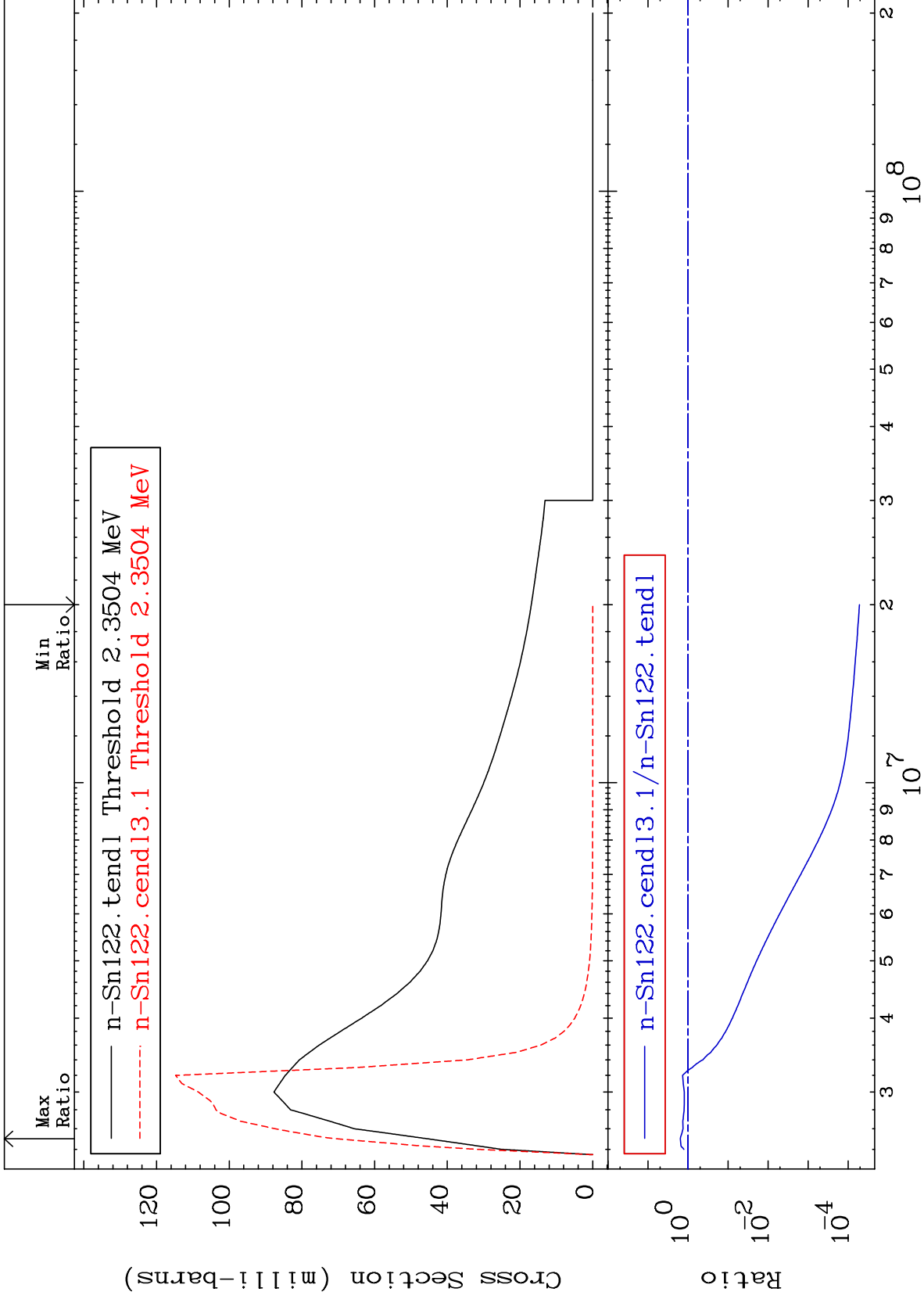
Incident Energy (eV)

50-Sn-122

MAT 5055

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

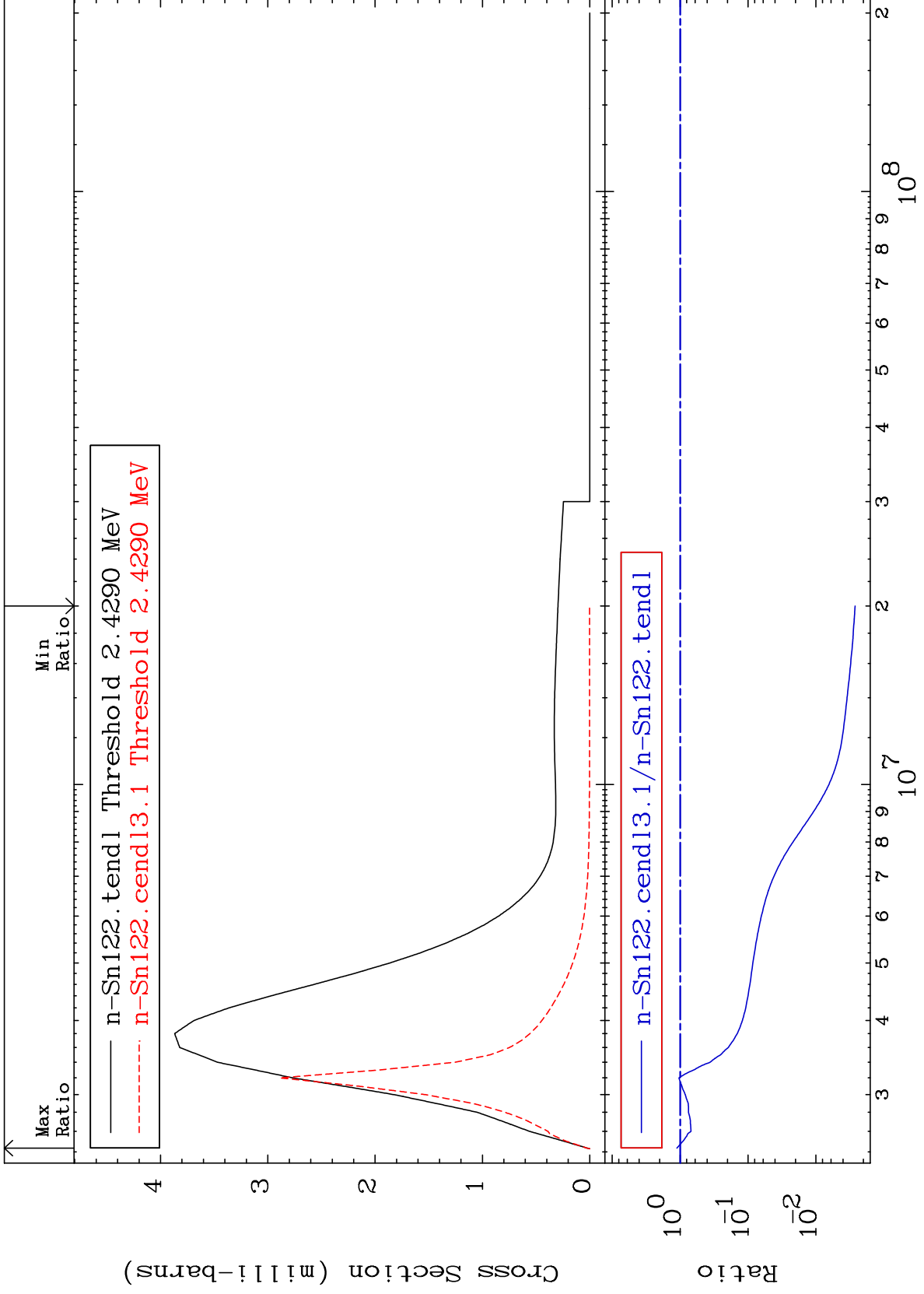
50-Sn-122
-99.99 To 55.03 %



MAT 5055

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

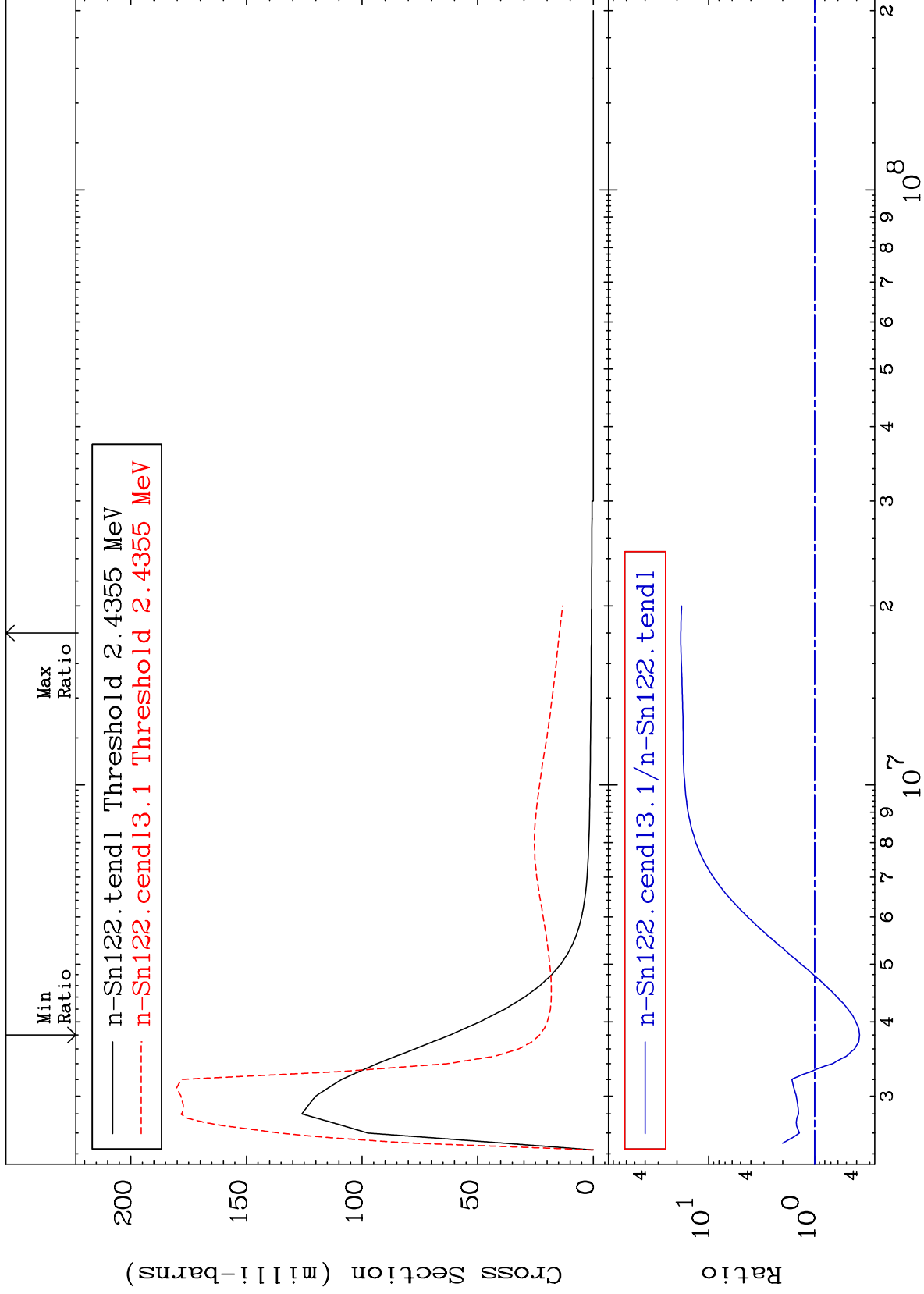
50-Sn-122
-99.73 To 11.37 %



MAT 5055

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

50-Sn-122
-62.49 To 1738. %



15

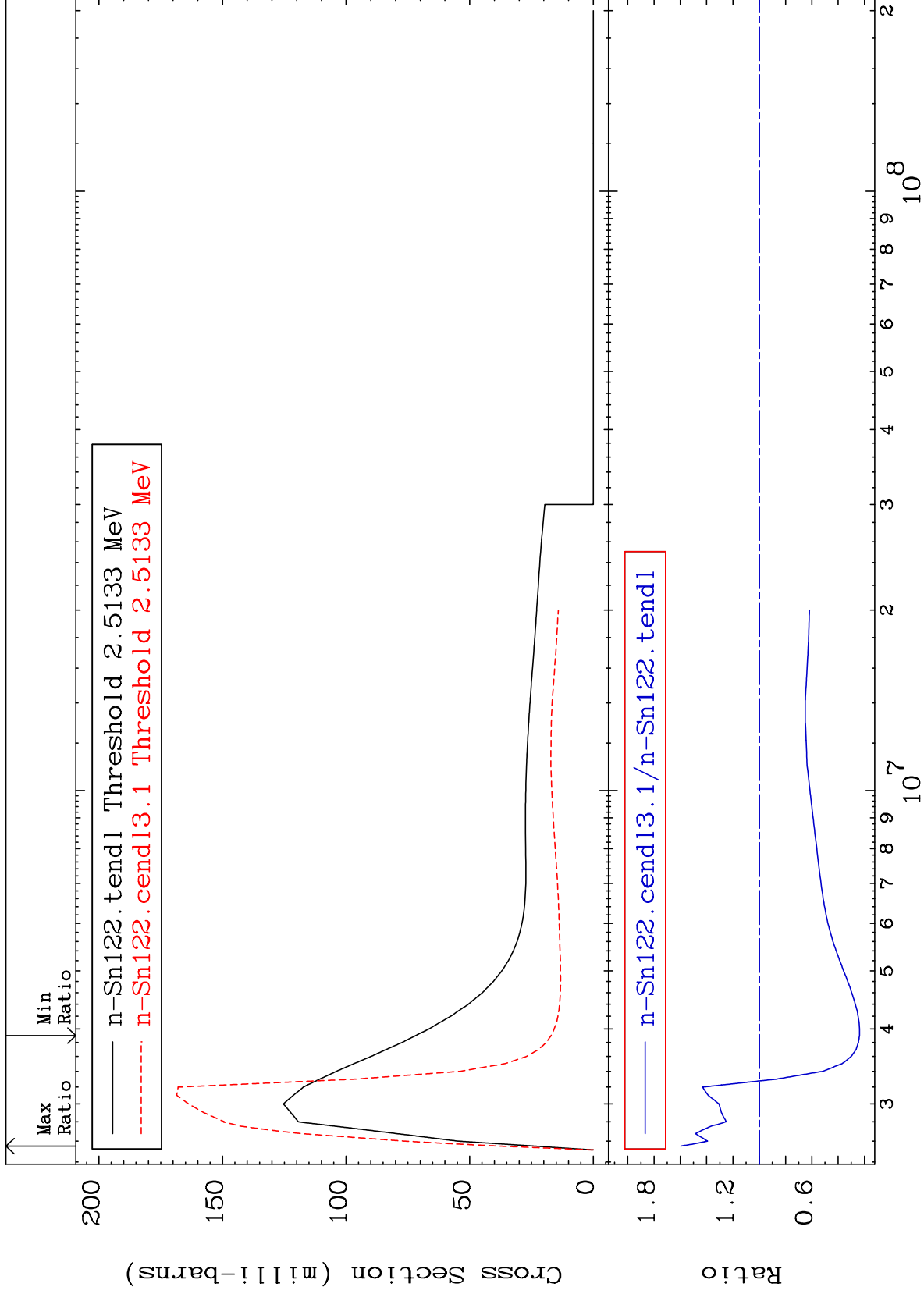
Incident Energy (eV)

50-Sn-122

MAT 5055

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

50-Sn-122
-76.26 To 59.66 %



16

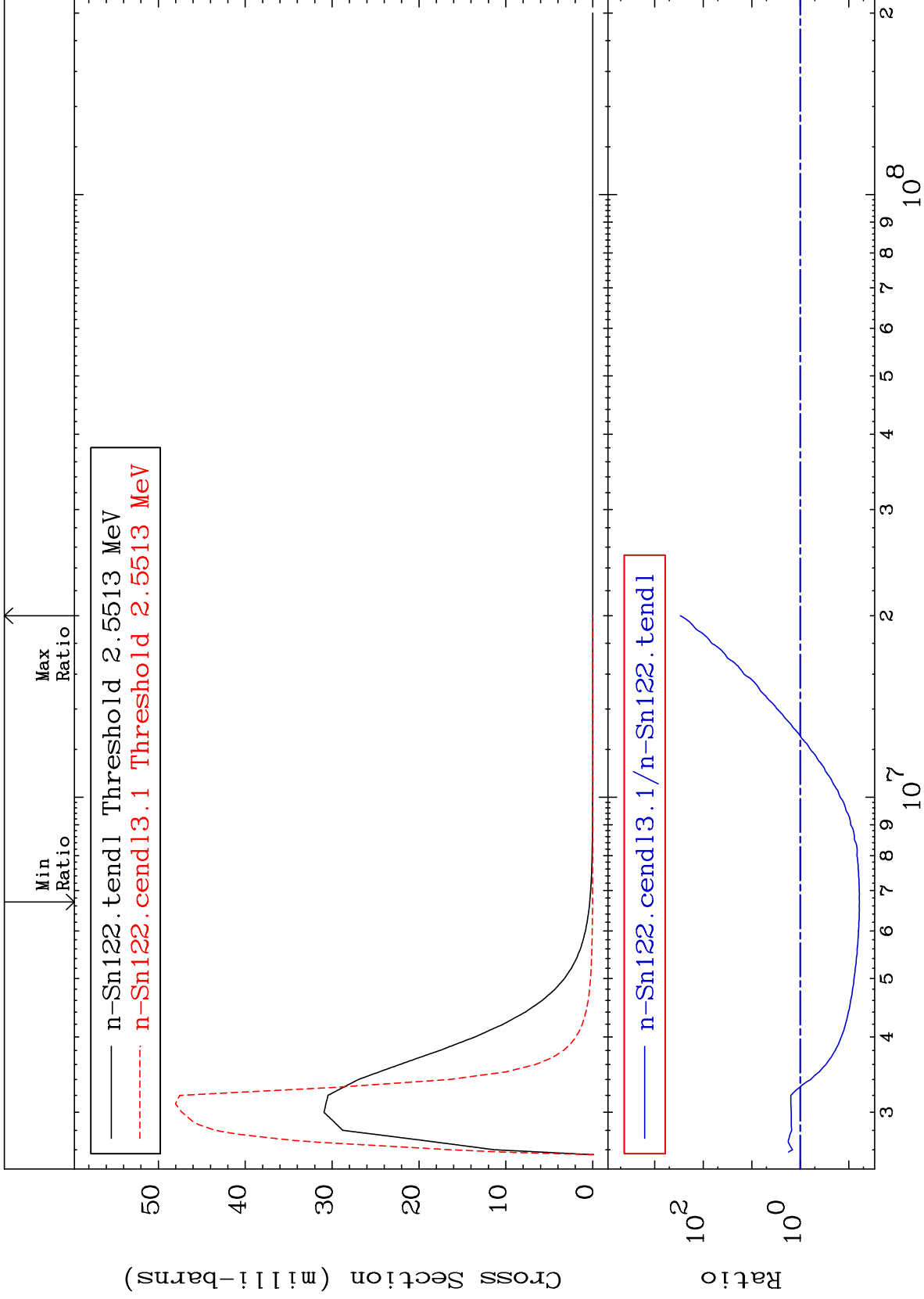
Incident Energy (eV)

50-Sn-122

MAT 5055

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

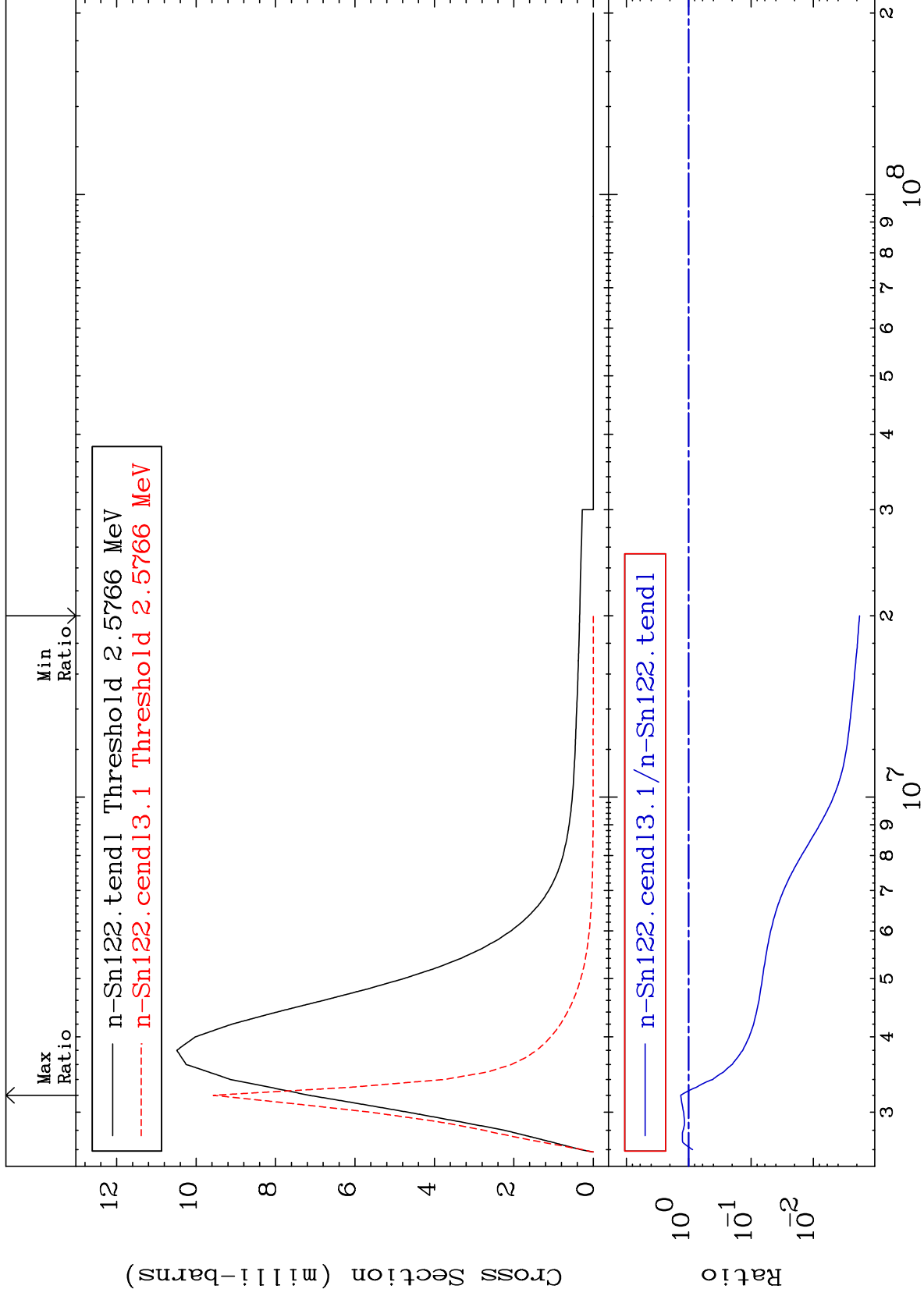
50-Sn-122
-93.96 To 9999. %



MAT 5055

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

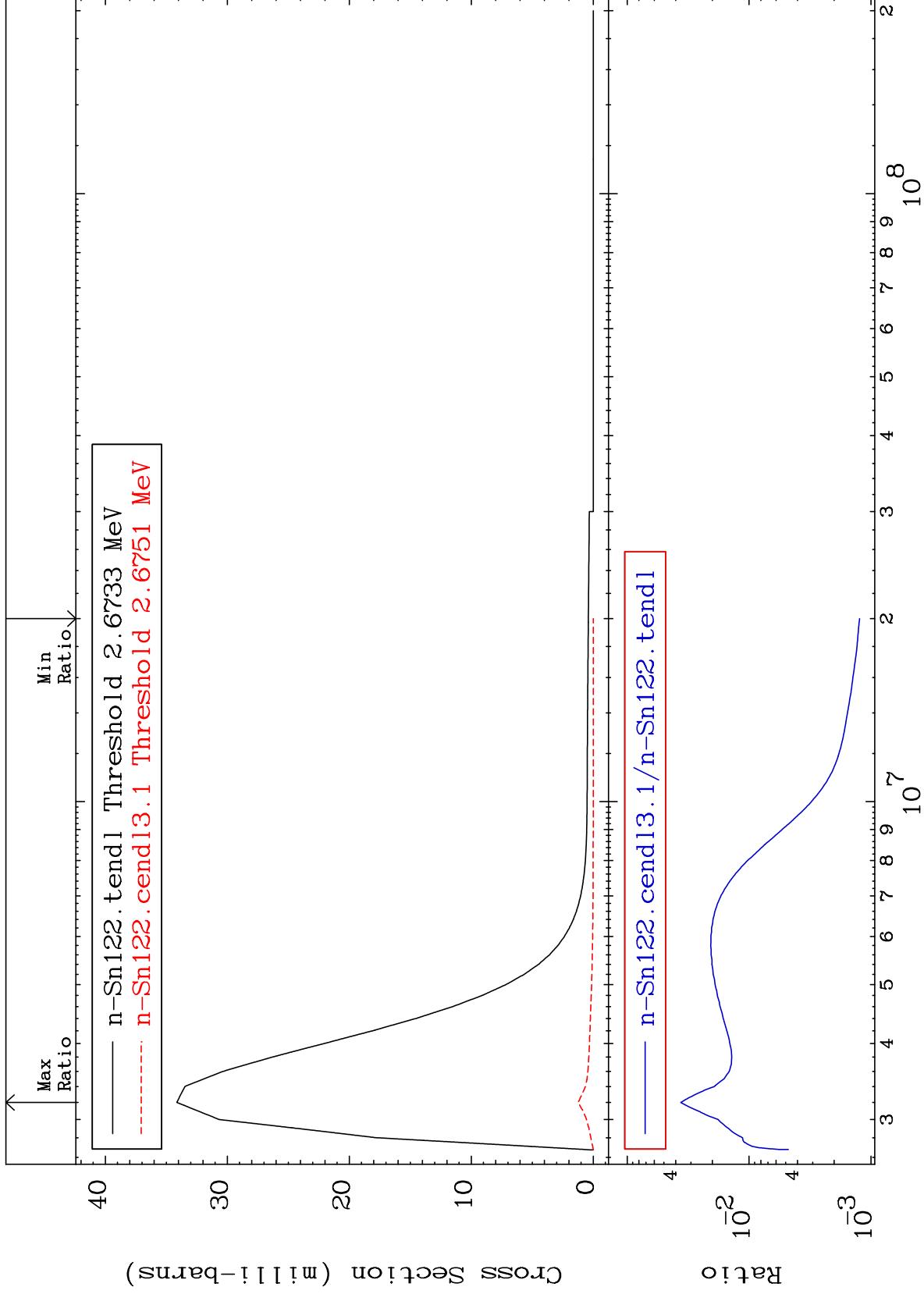
50-Sn-122
-99.82 To 33.77 %



MAT 5055

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

50-Sn-122
-99.88 To -96.37%



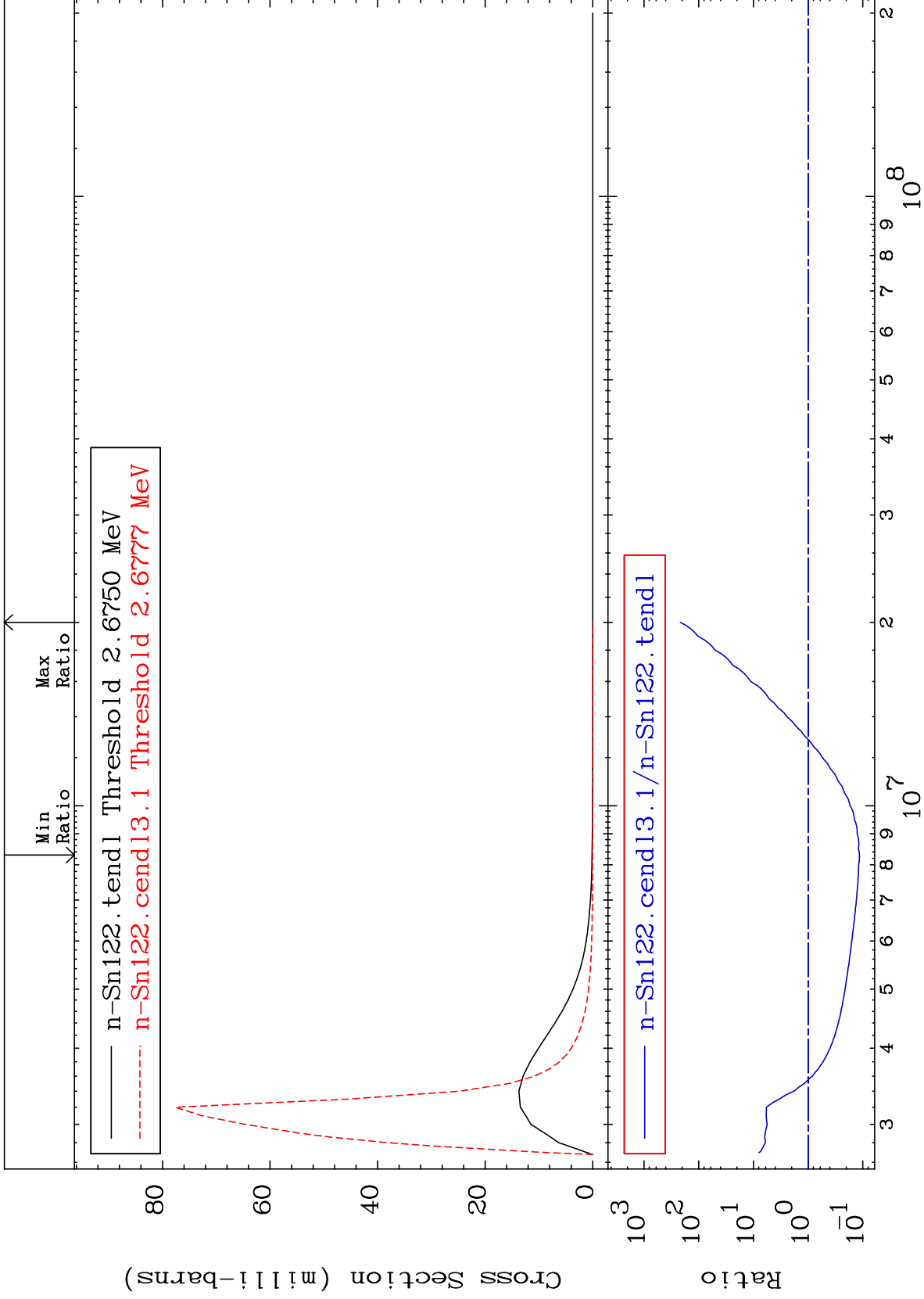
19

50-Sn-122

MAT 5055

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

50-Sn-122
-88.48 To 9999. %



20

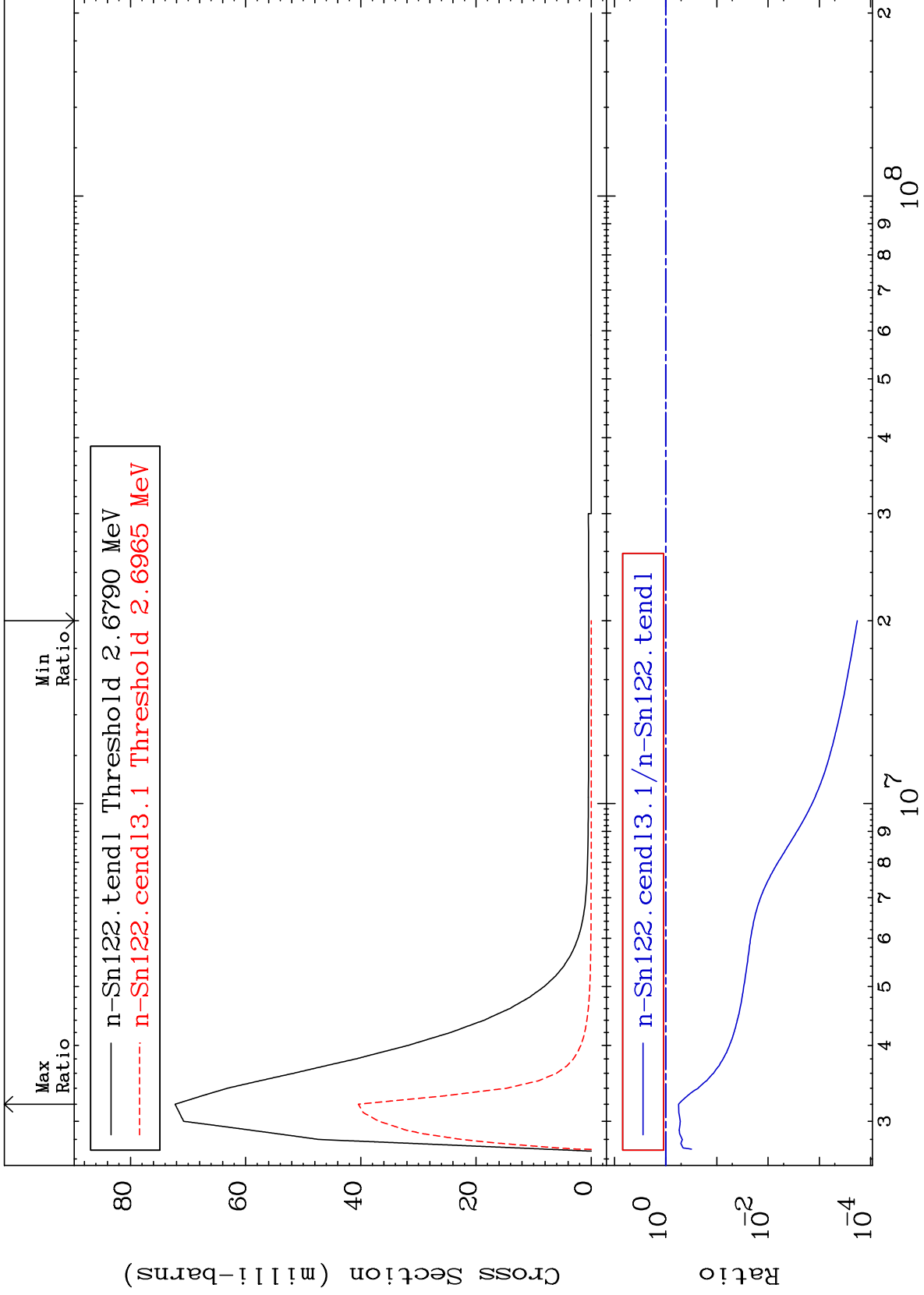
Incident Energy (eV)

50-Sn-122

MAT 5055

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

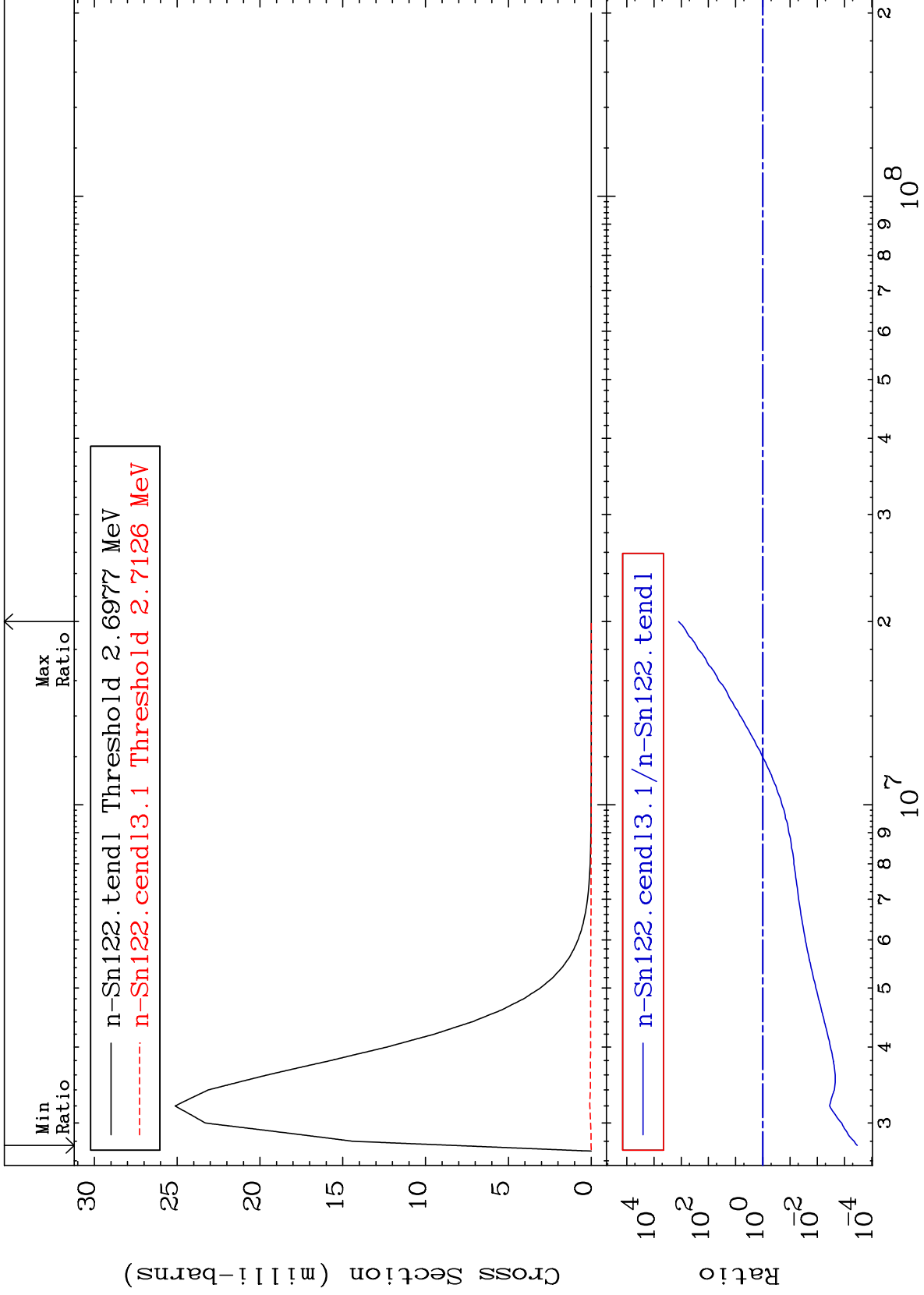
50-Sn-122
-99.98 To -44.06%



MAT 5055

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

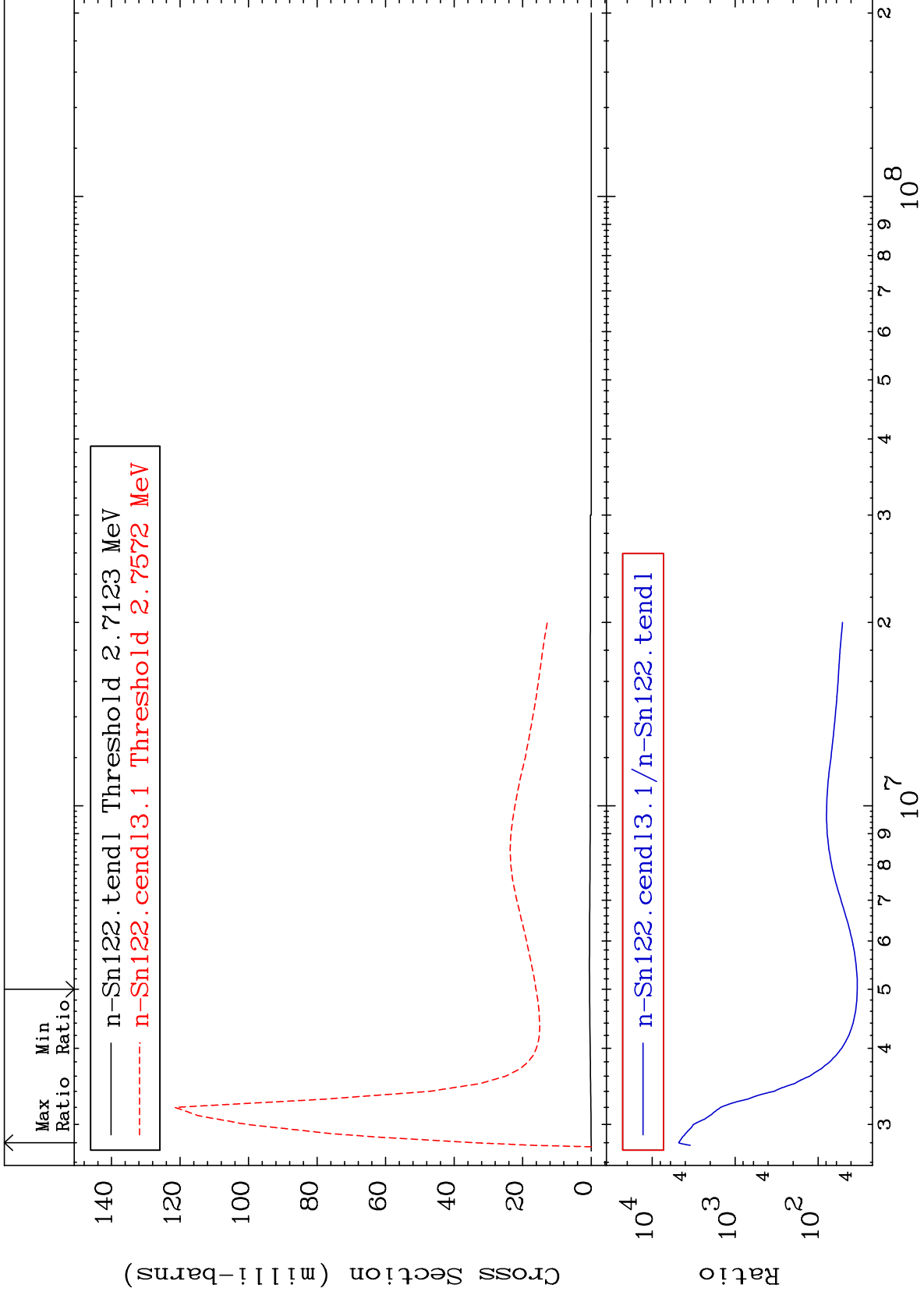
50-Sn-122
-99.97 To 9999. %



MAT 5055

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

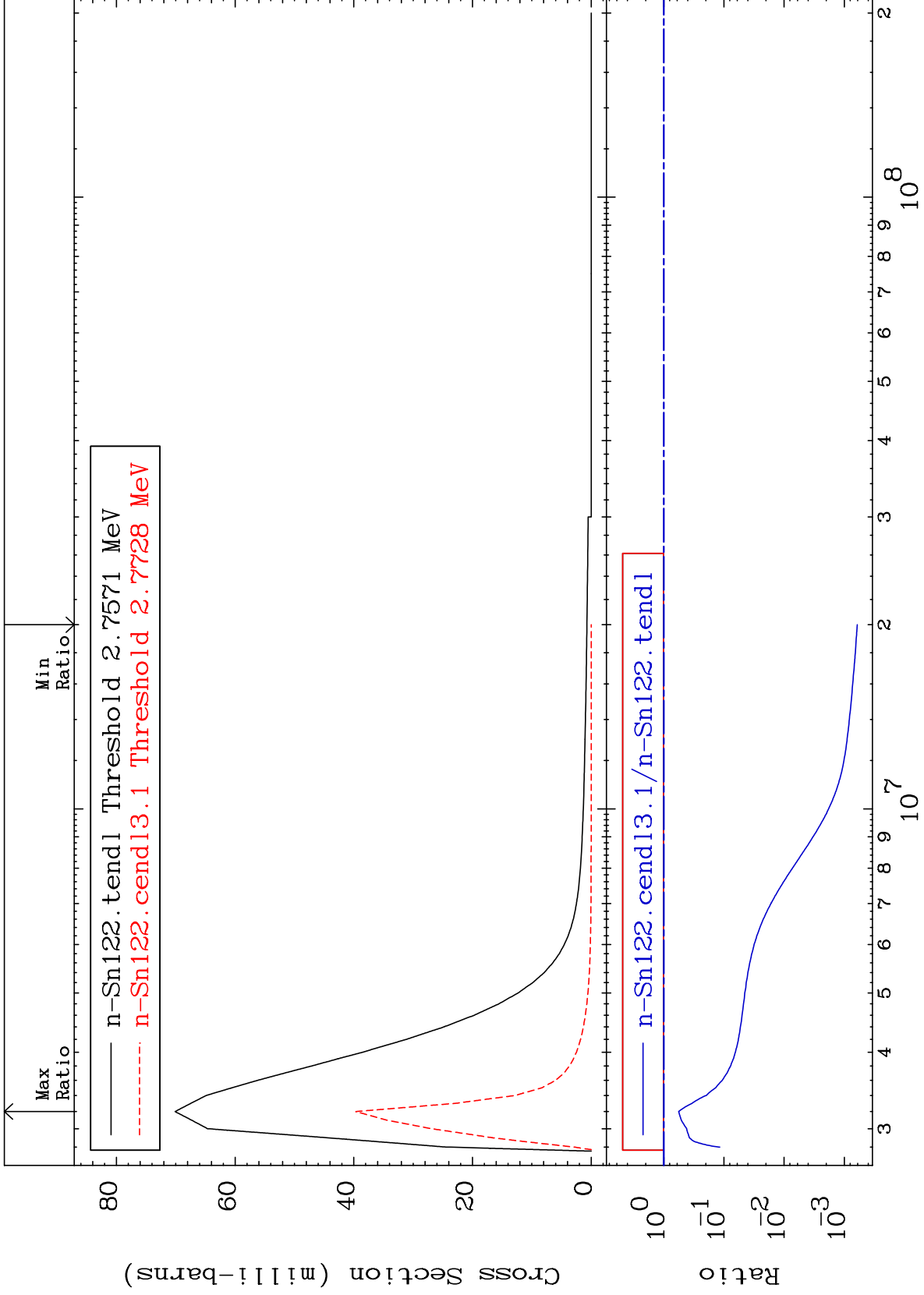
50-Sn-122
3271. To 9999. %



MAT 5055

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

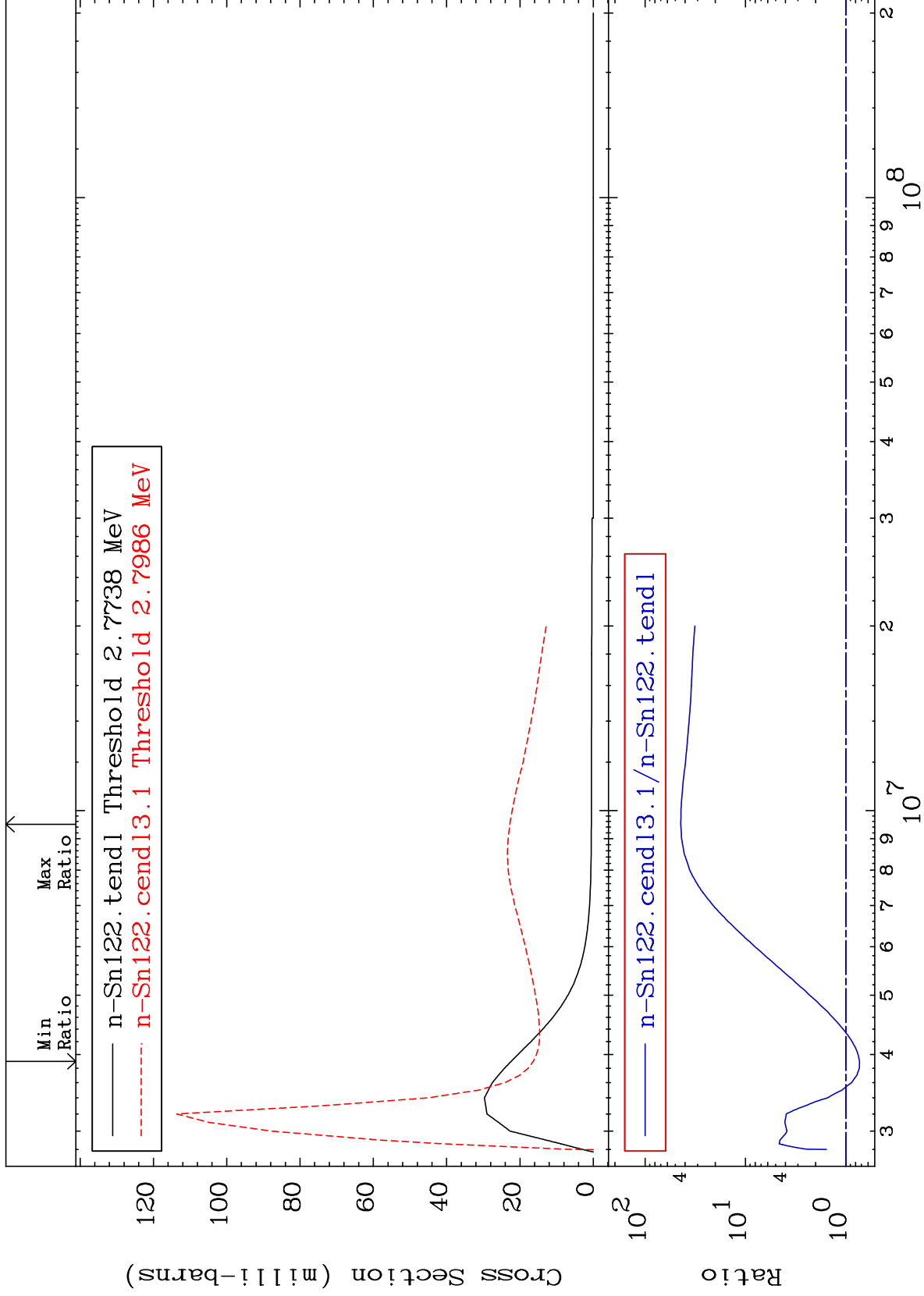
50-Sn-122
-99.94 To -43.42%



MAT 5055

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

50-Sn-122
-27.02 To 4318. %



25

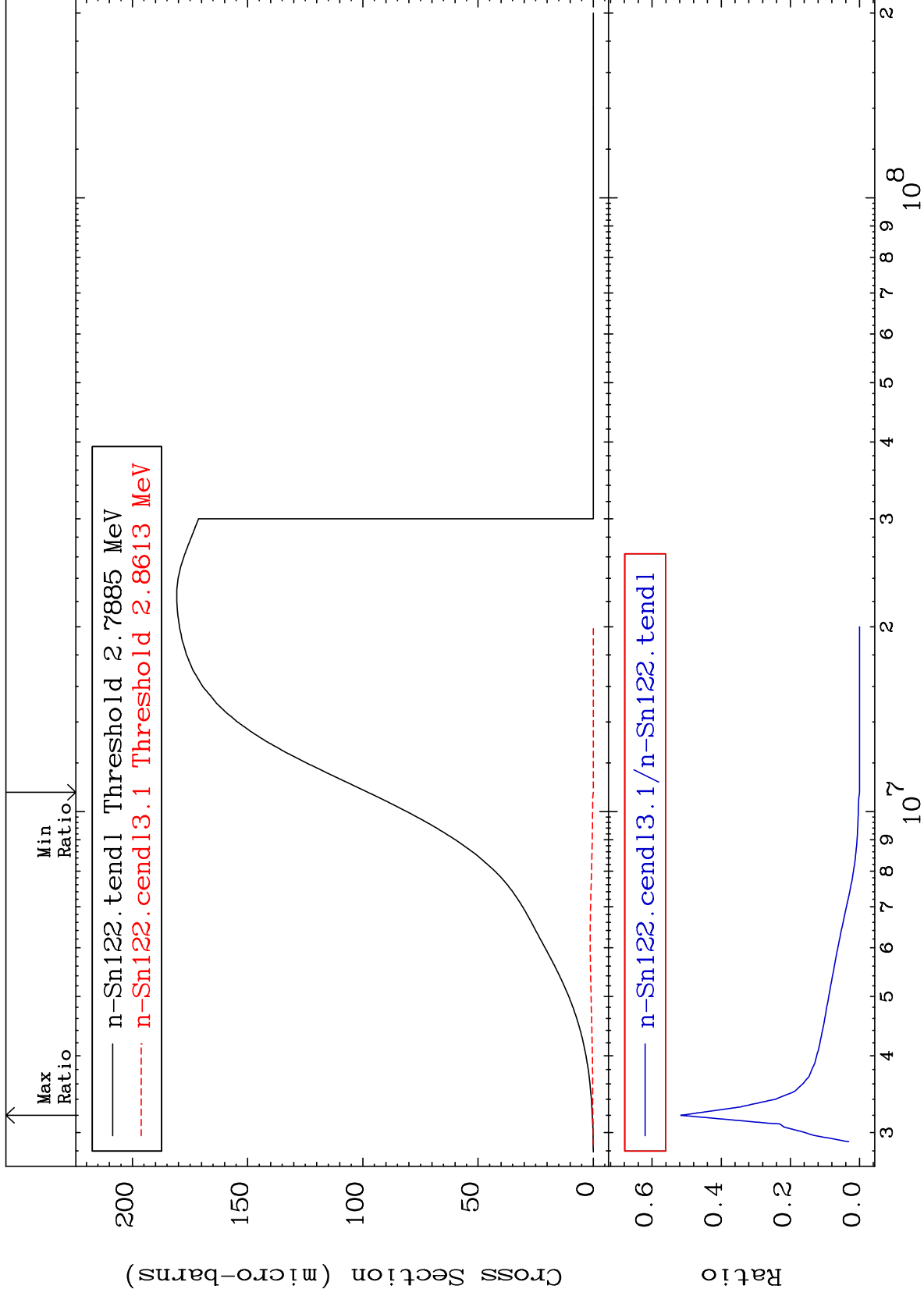
Incident Energy (eV)

50-Sn-122

MAT 5055

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

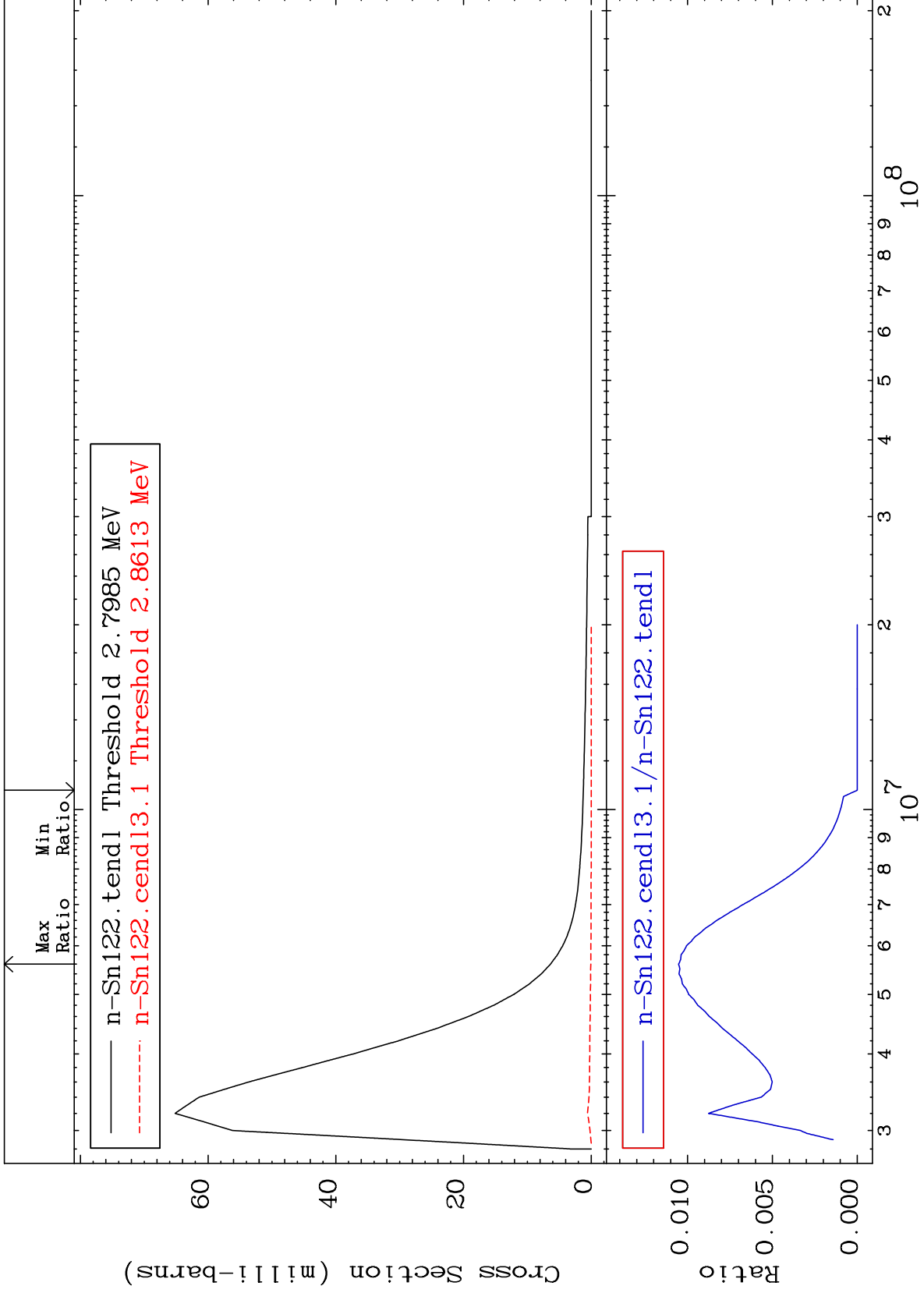
50-Sn-122
-100.0 To -48.30%



MAT 5055

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

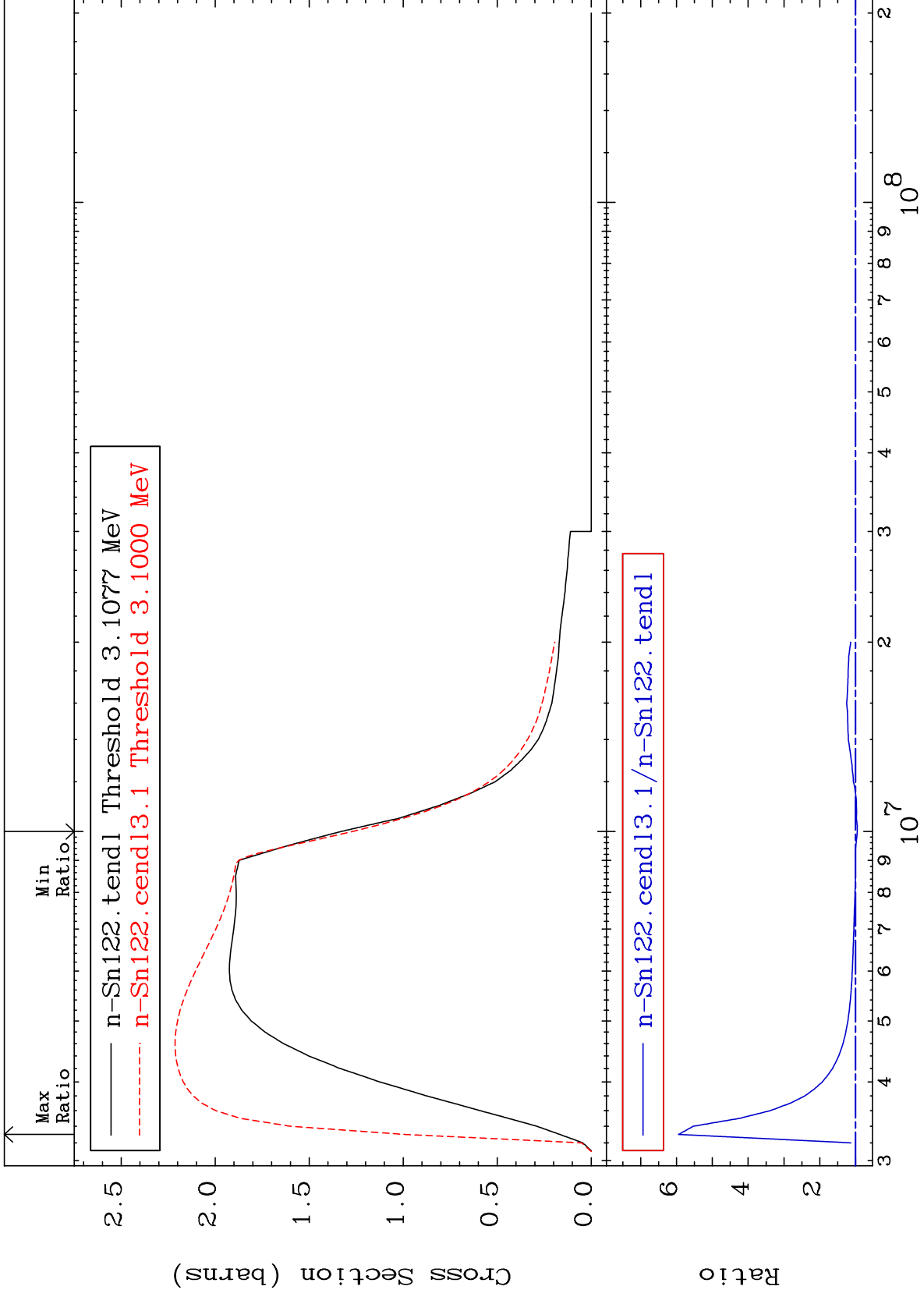
50-Sn-122
-100.0 To -98.95%



MAT 5055

(n,n') Continuum
Cross Section

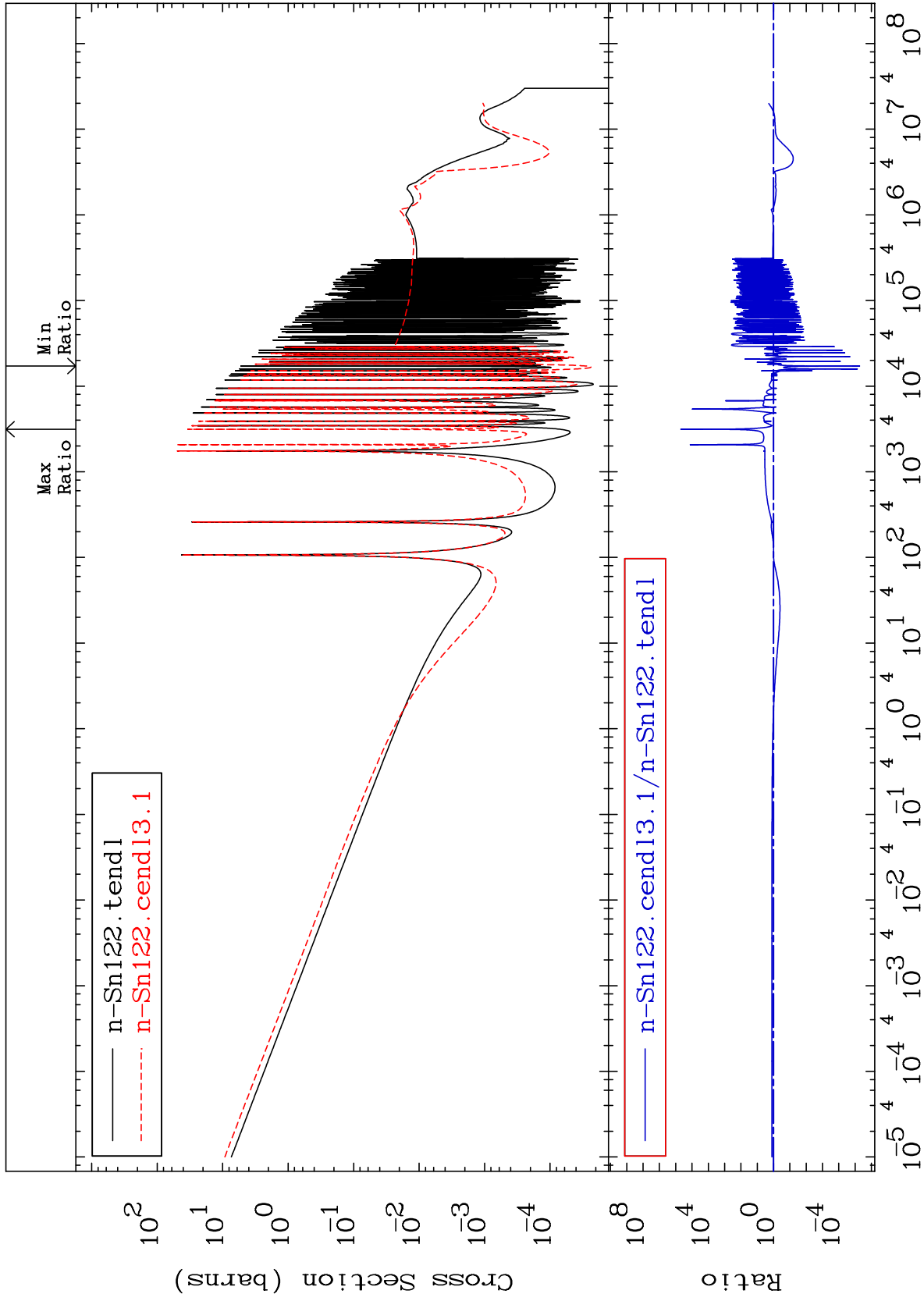
50-Sn-122
-4.511 To 494.0 %



MAT 5055

(n, γ)
Cross Section

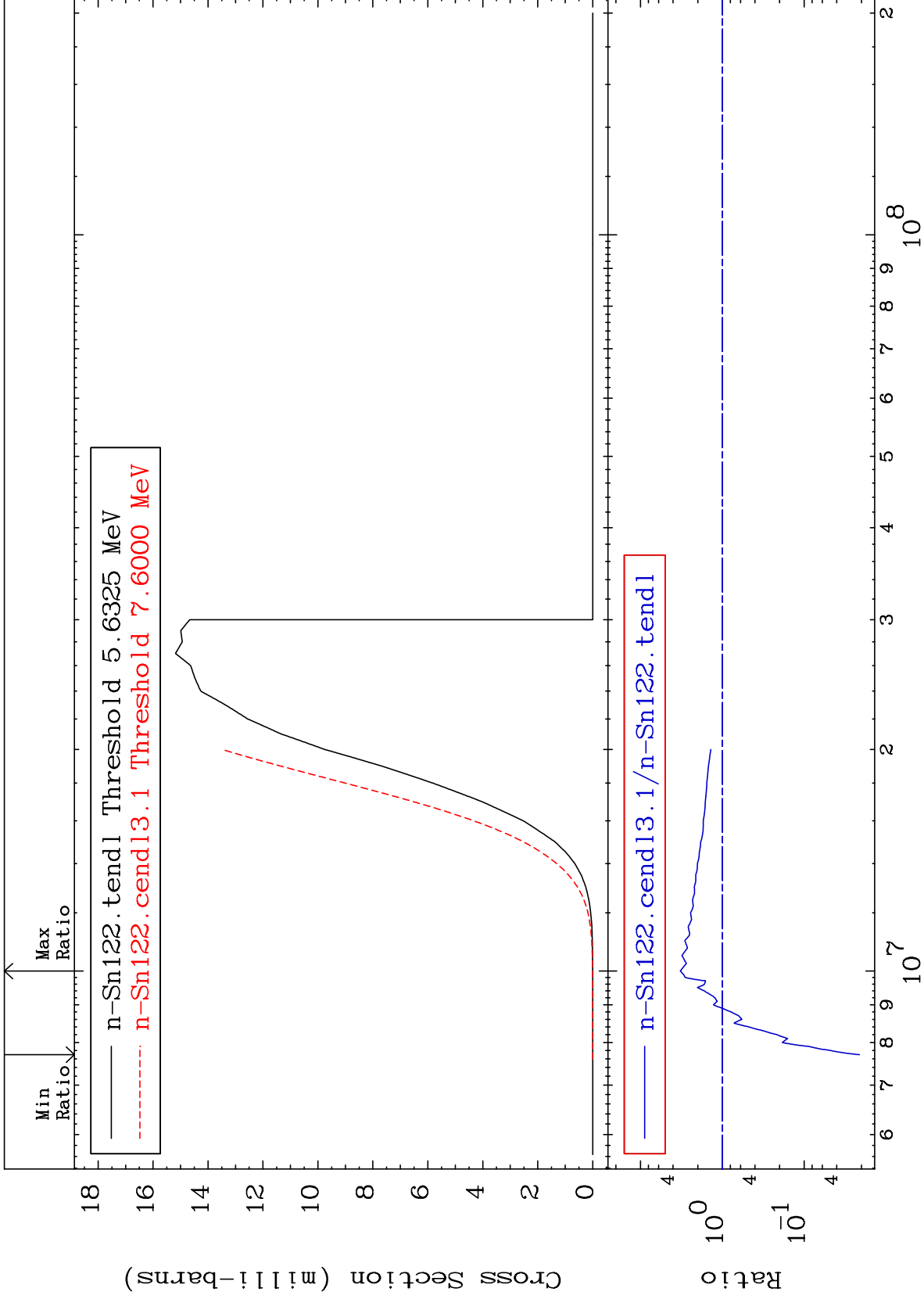
50-Sn-122
-100.0 To 9999. %



MAT 5055

(n,p)
Cross Section

50-Sn-122
-97.88 To 226.0 %



30

Incident Energy (eV)

50-Sn-122

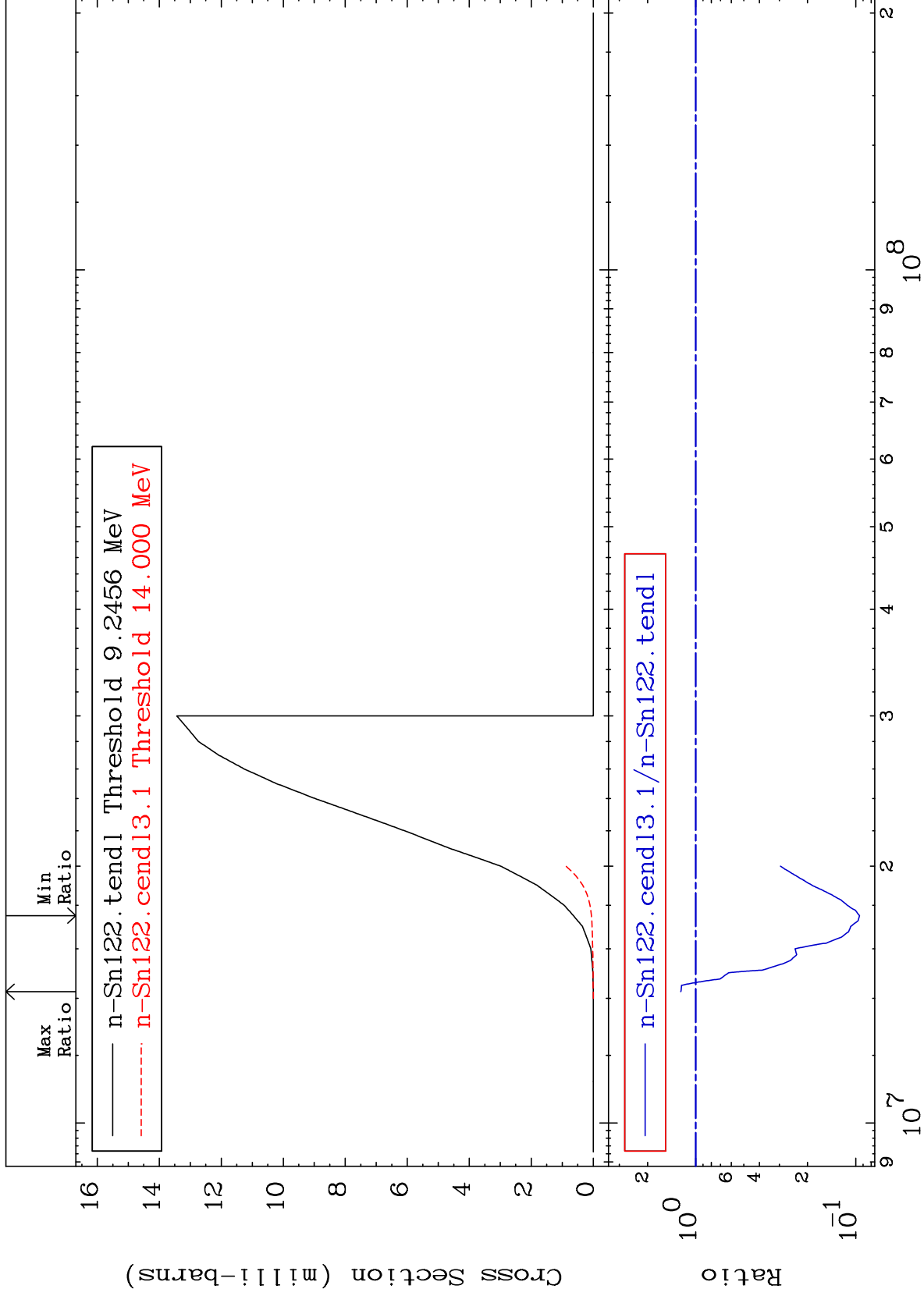
MAT 5055

(n, d)

50-Sn-122

Cross Section

-90.53 To 23.99 %



31

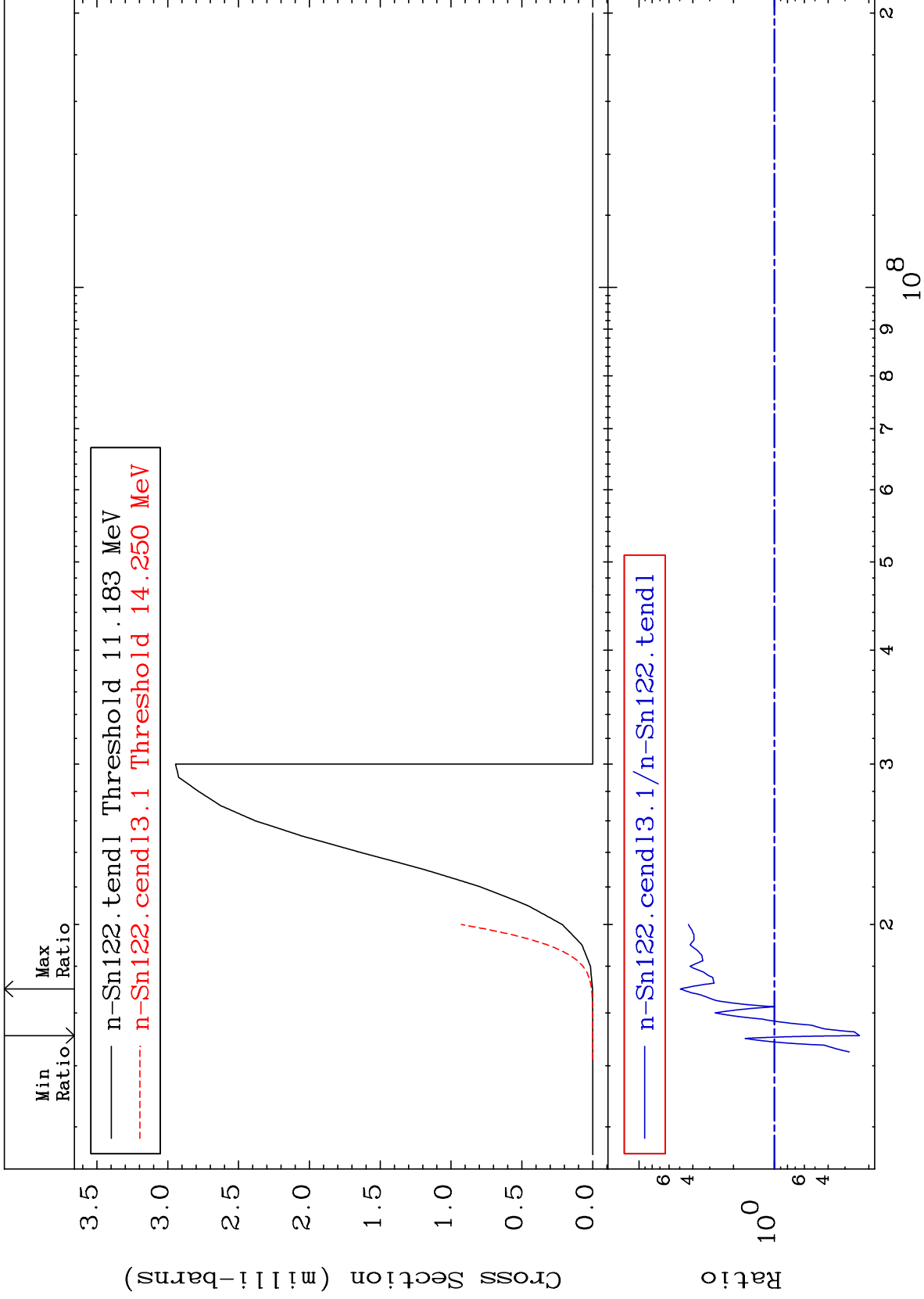
Incident Energy (eV)

50-Sn-122

MAT 5055

(n, t)
Cross Section

50-Sn-122
-76.50 To 394.6 %



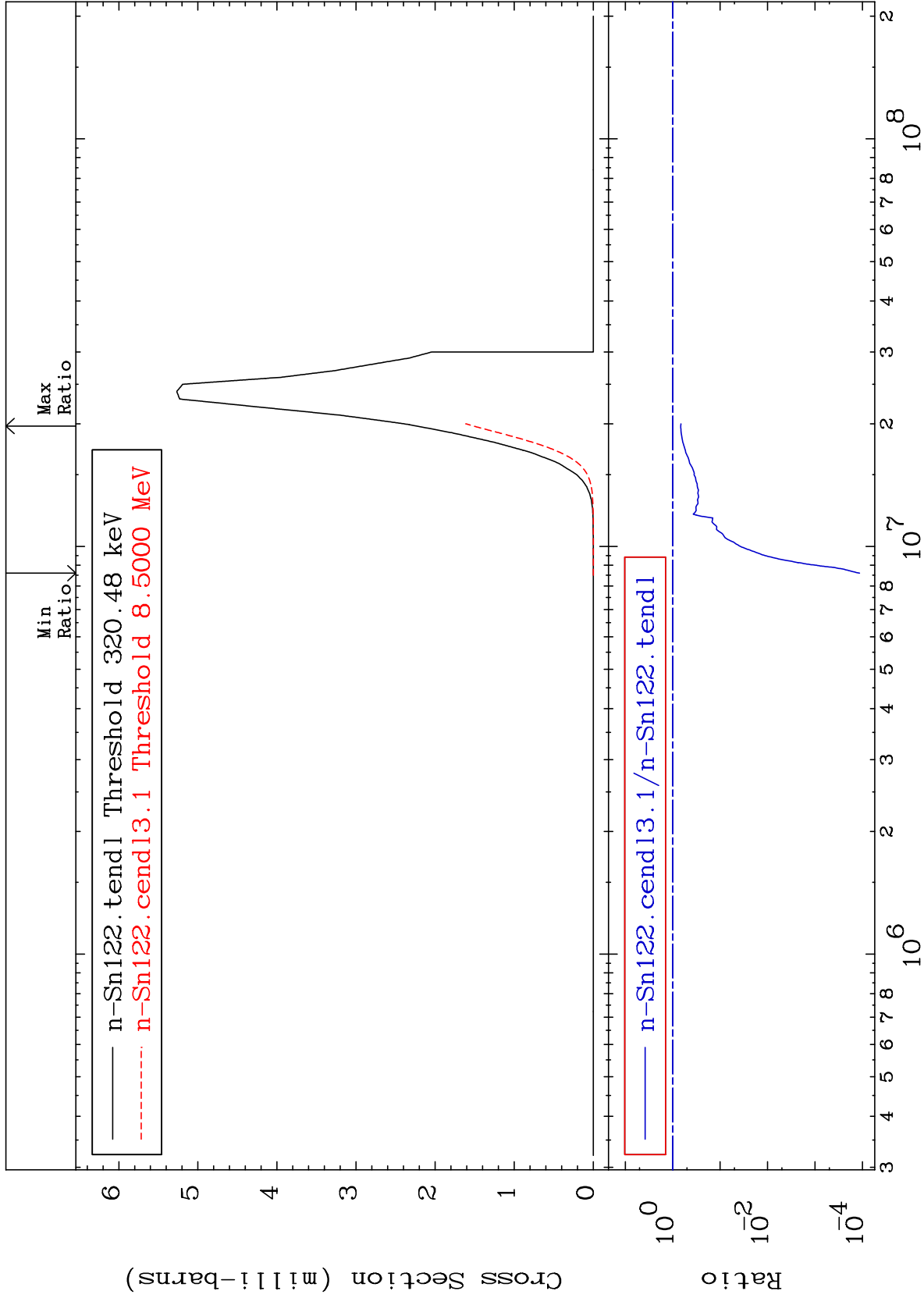
MAT 5055

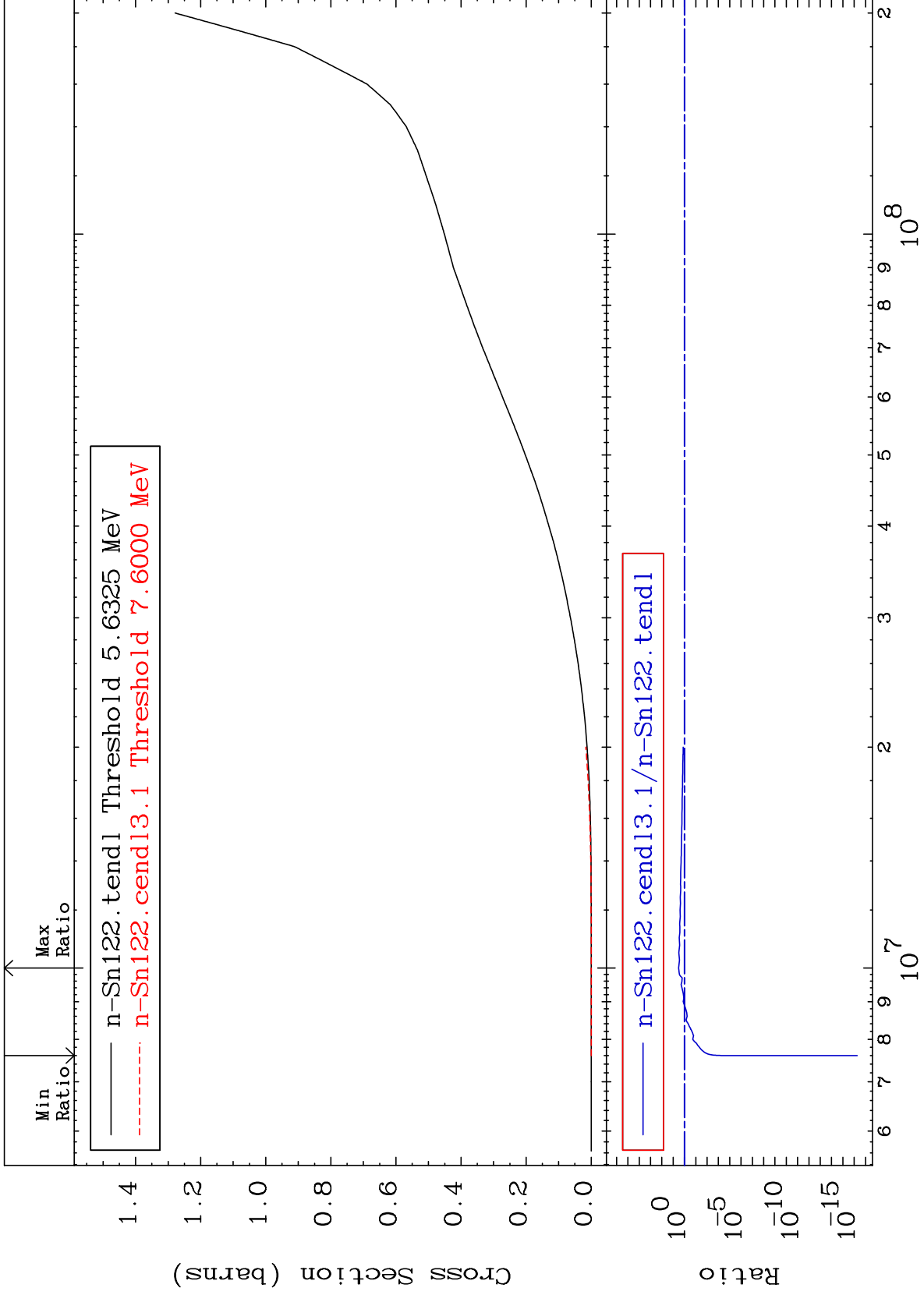
(n, α)

50-Sn-122

Cross Section

-99.99 To -32.27%

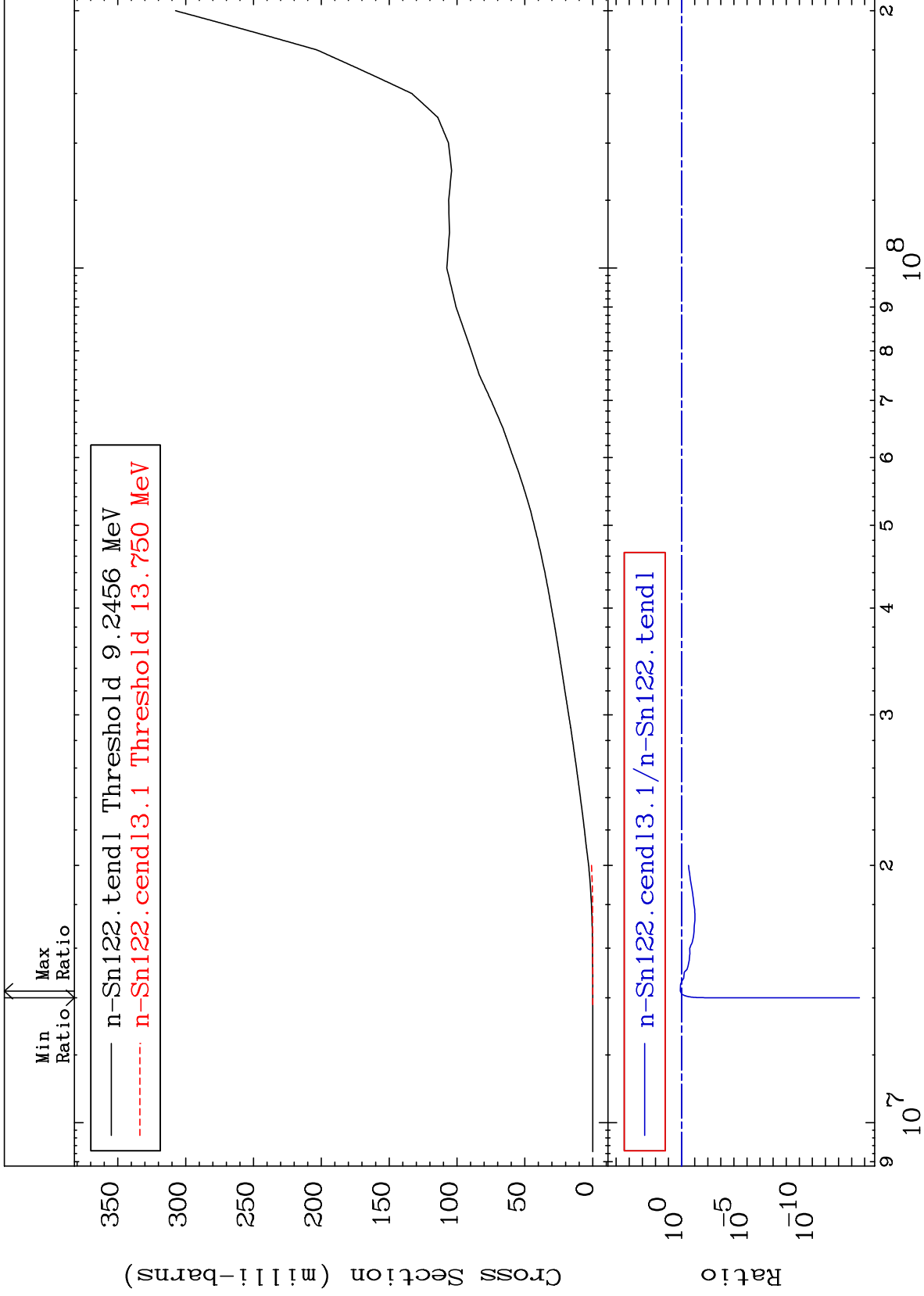




MAT 5055

Deuterium Production
Cross Section

50-Sn-122
-100.0 To 23.99 %



35

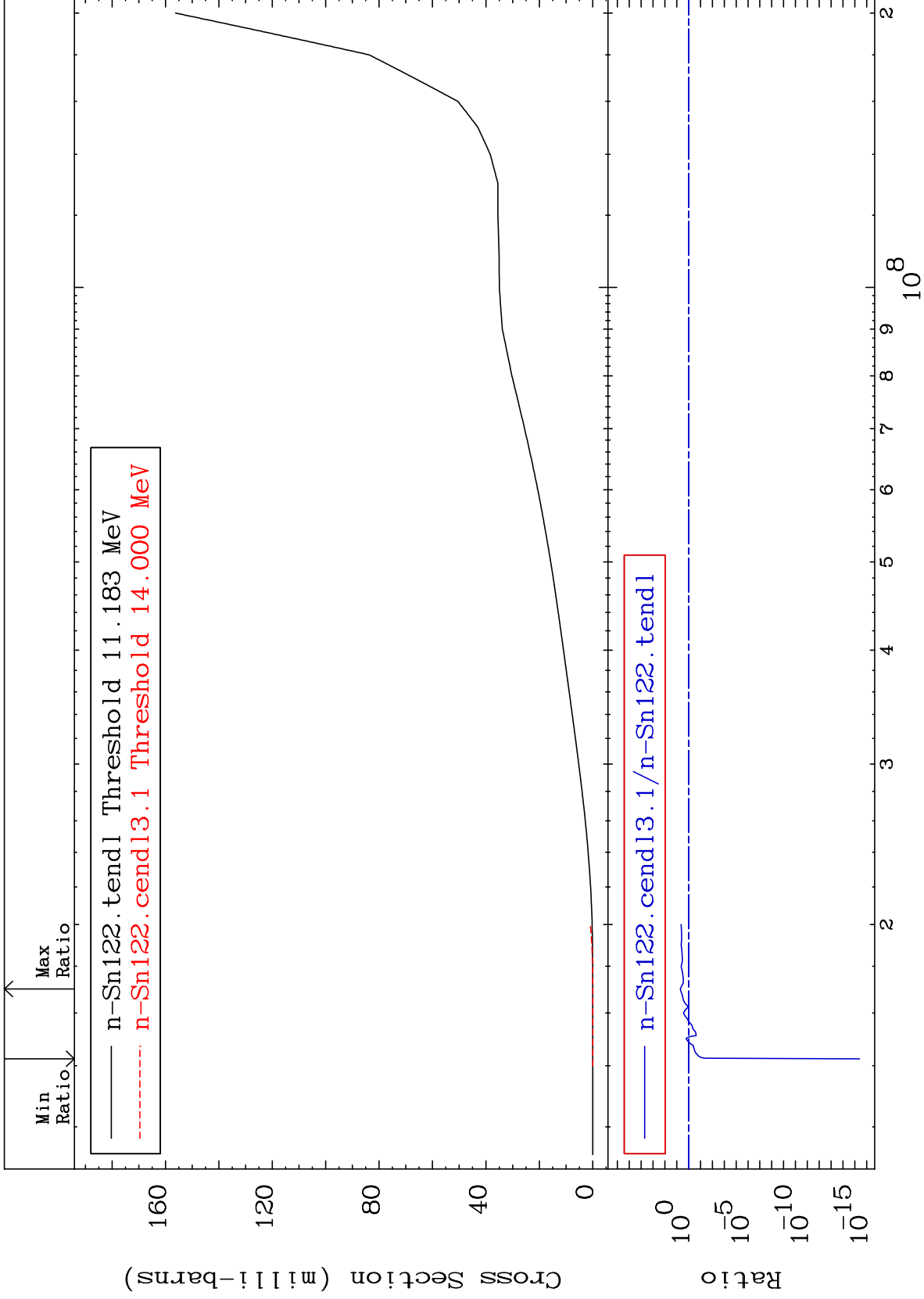
Incident Energy (eV)

50-Sn-122

MAT 5055

Tritium Production
Cross Section

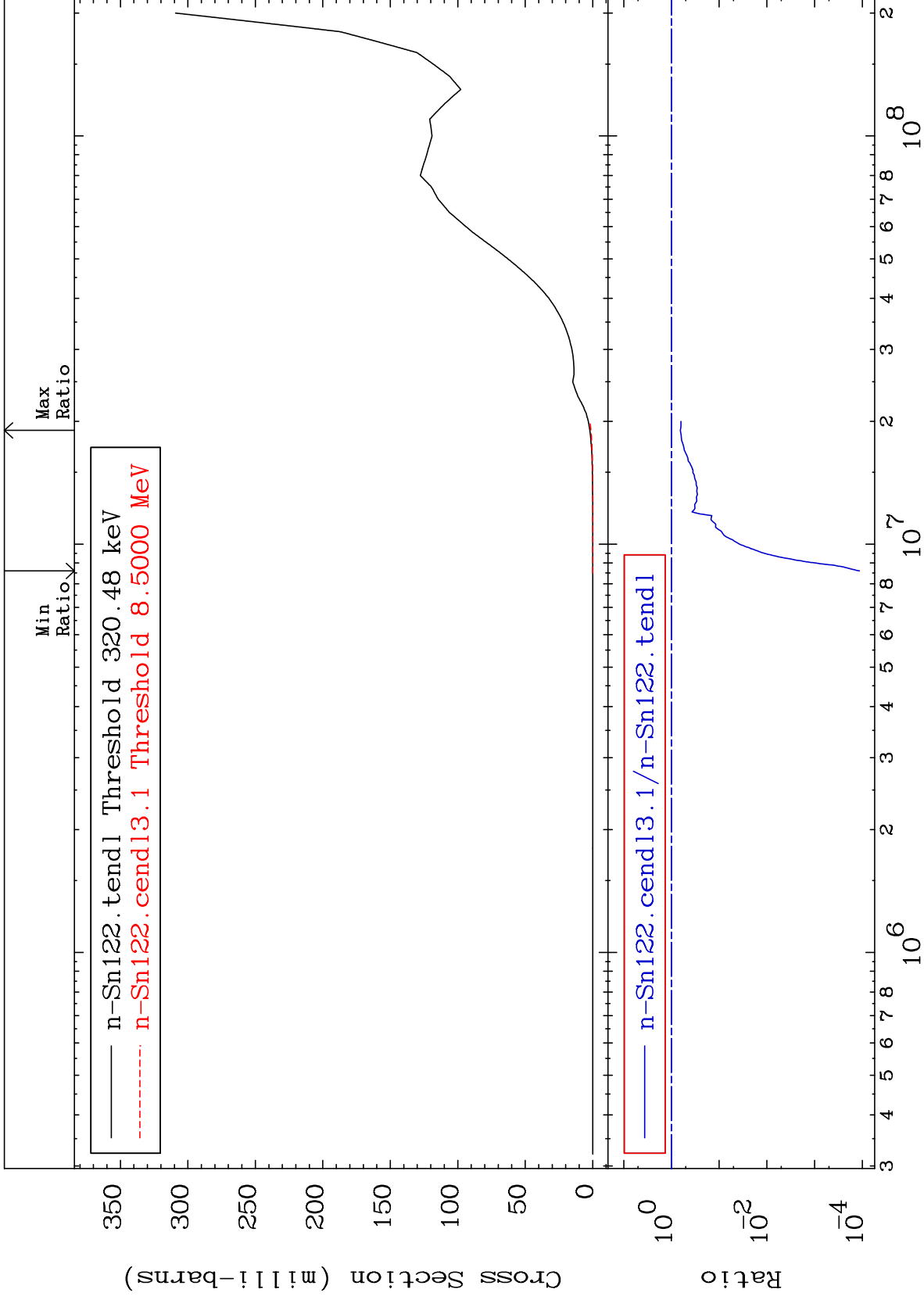
50-Sn-122
-100.0 To 394.6 %



MAT 5055

He-4 Production
Cross Section

50-Sn-122
-99.99 To -34.97%



37

Incident Energy (eV)

50-Sn-122

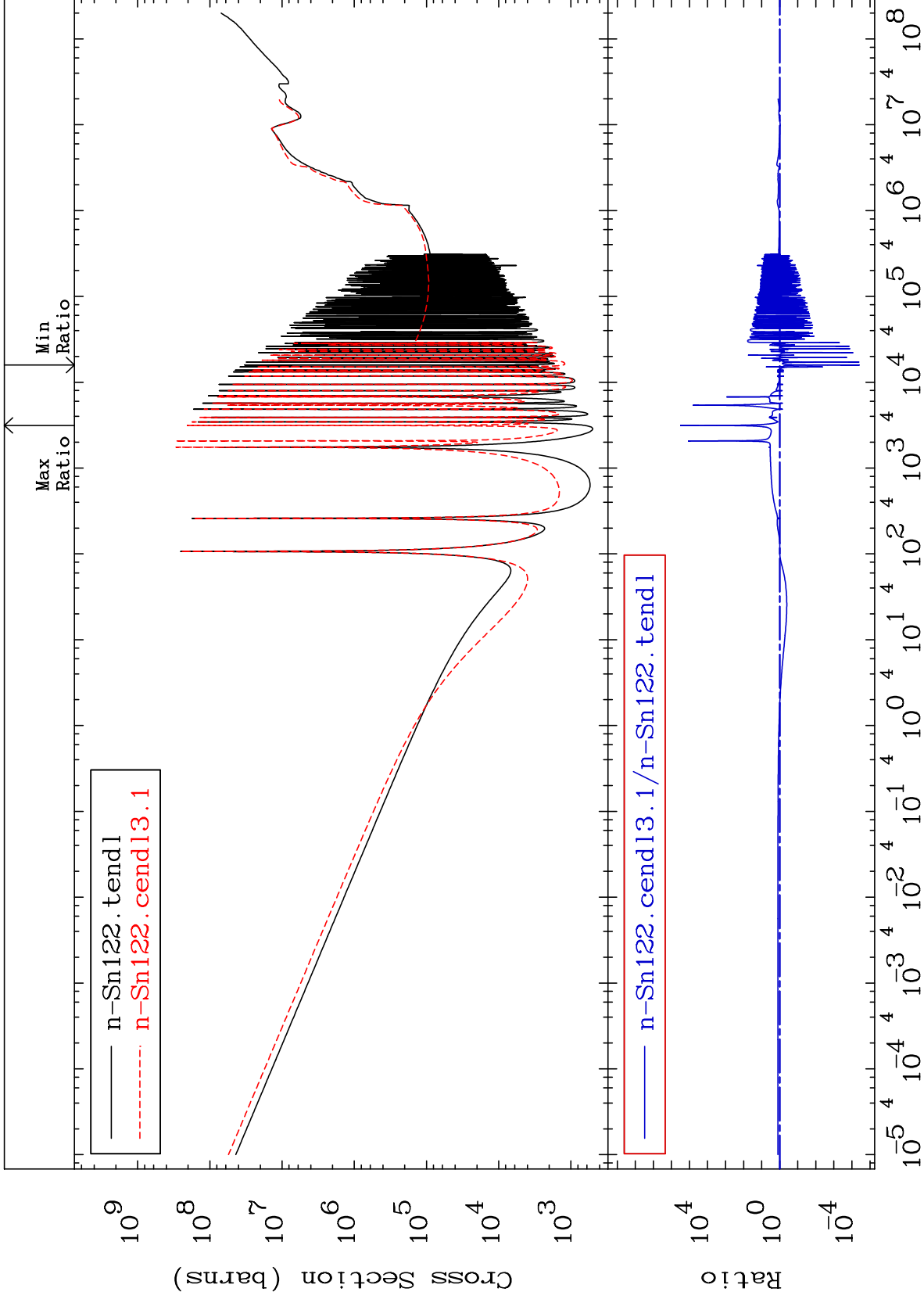
MAT 5055

Kerma total (eV-barns)

50-Sn-122

Cross Section

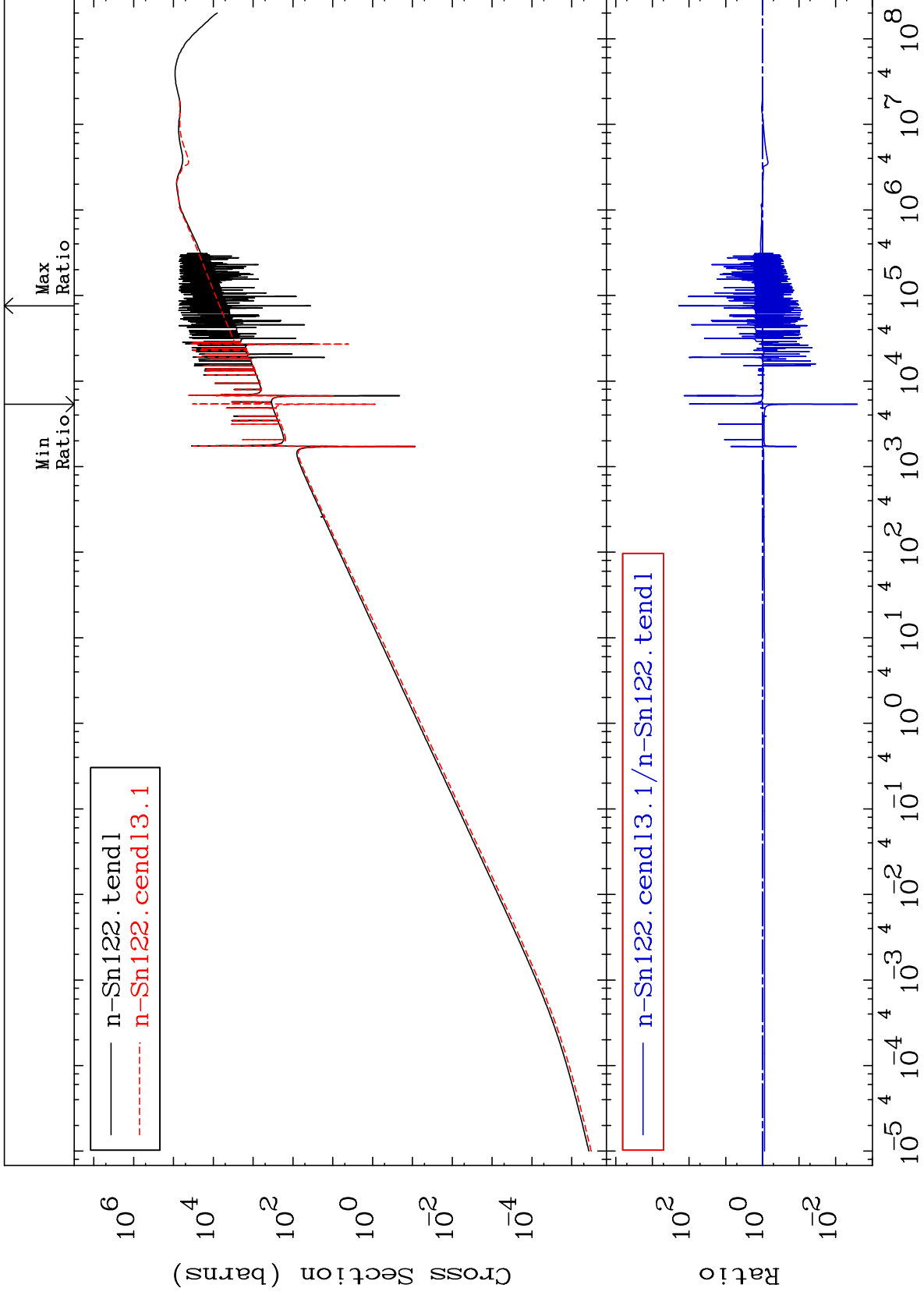
-100.0 To 9999. %



MAT 5055

Kerma elastic
Cross Section

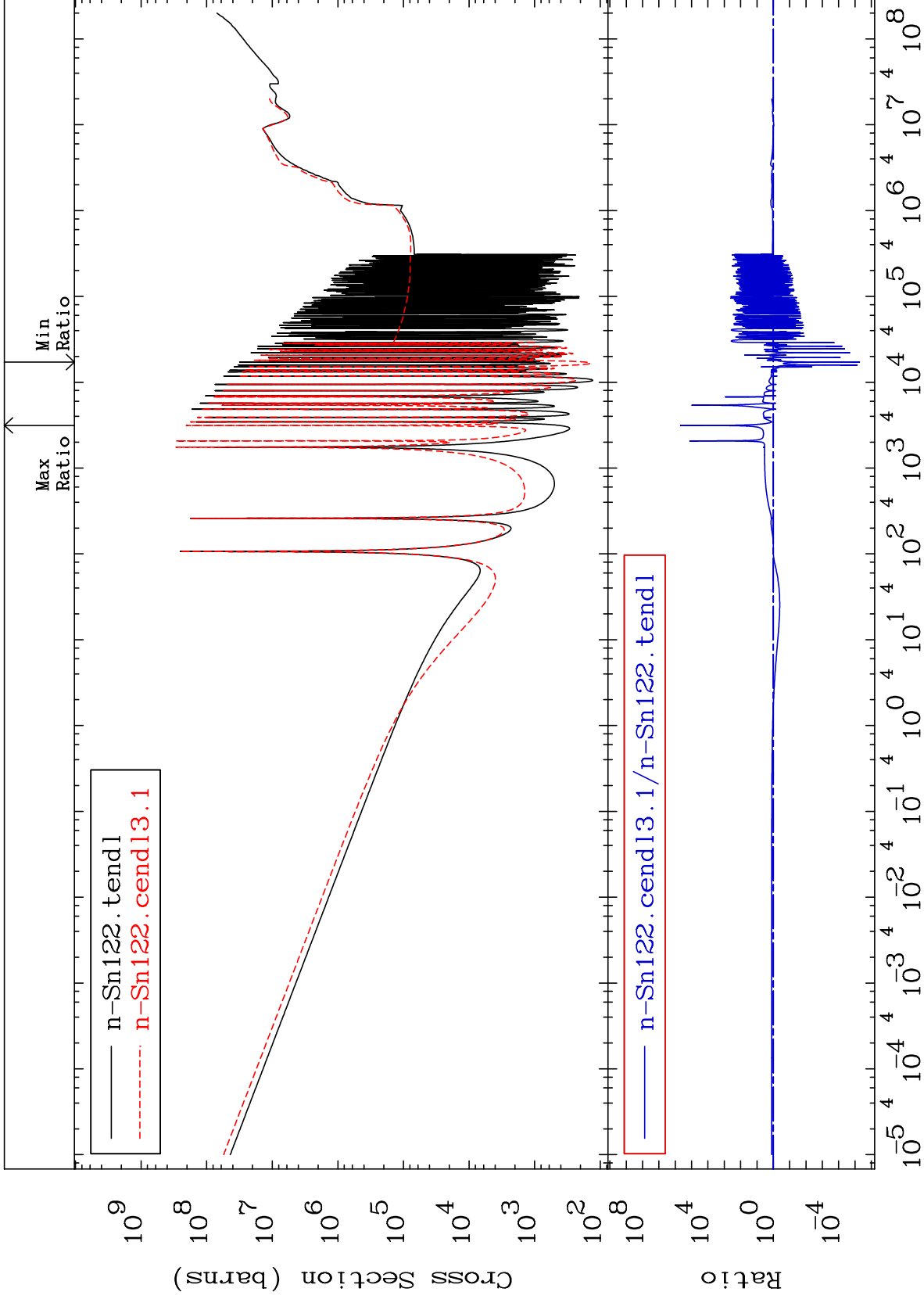
50-Sn-122
-99.74 To 9999. %

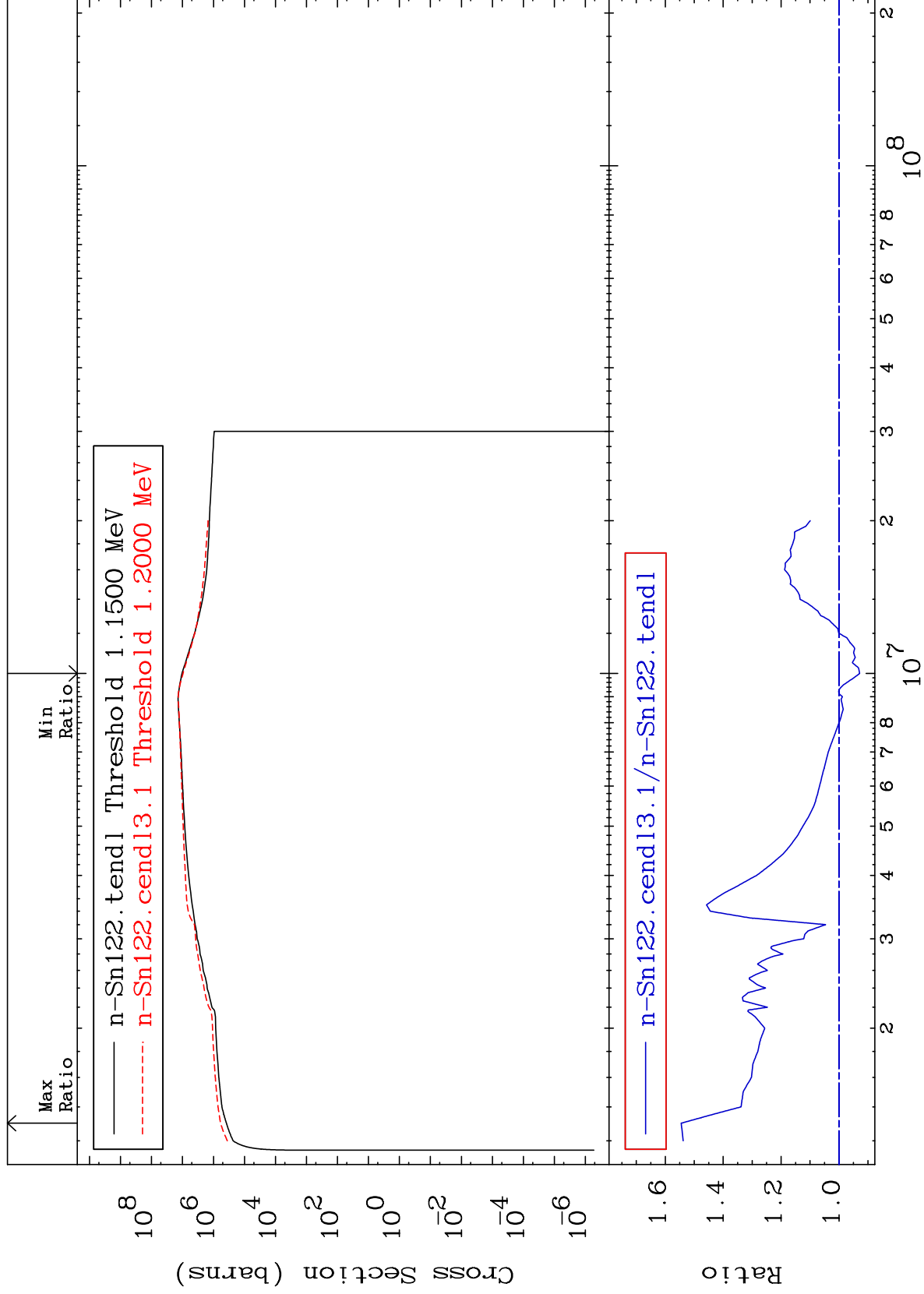


MAT 5055

Kerma non-elastic (all but mt2)
Cross Section

50-Sn-122
-100.0 To 9999. %

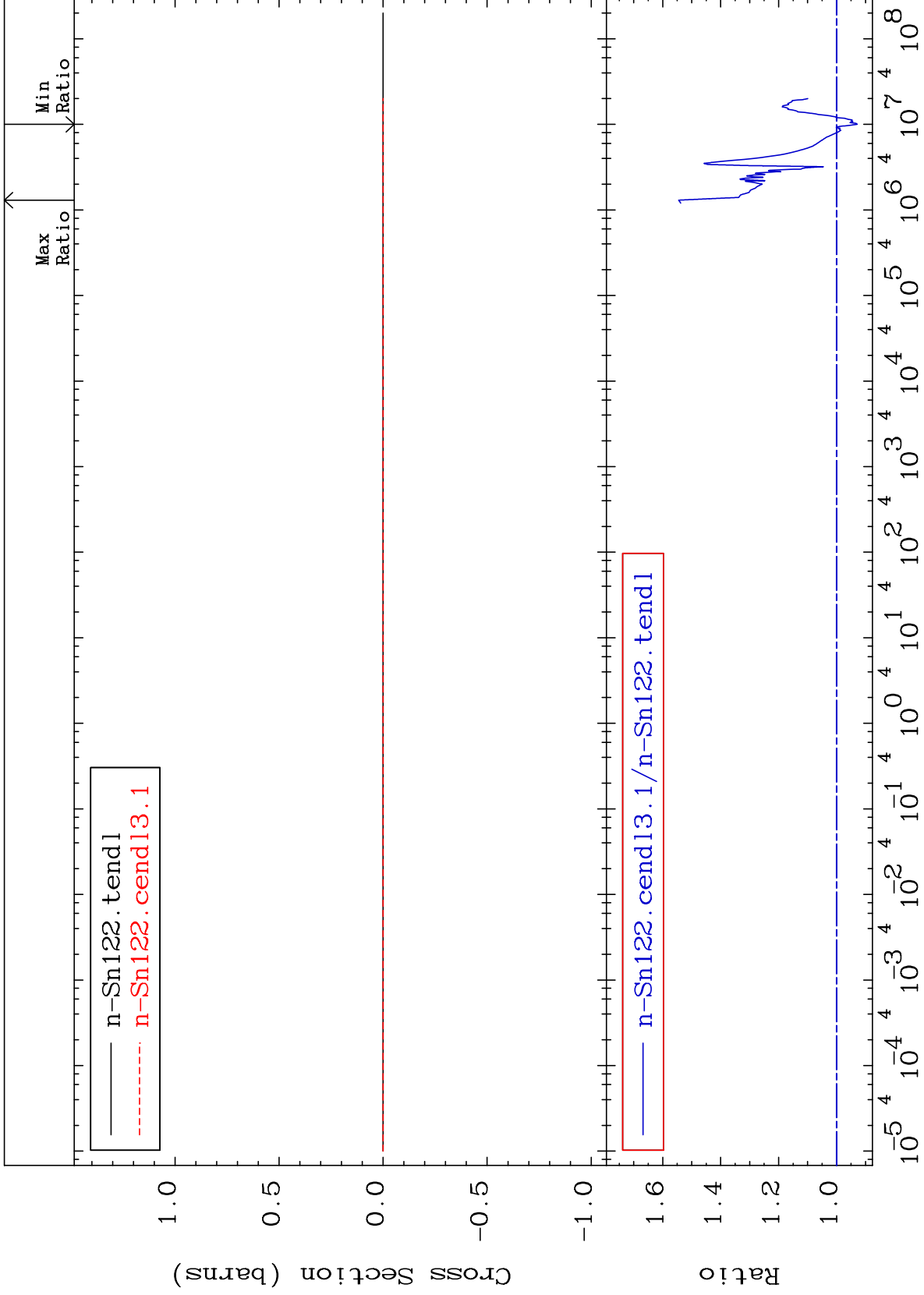




MAT 5055

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

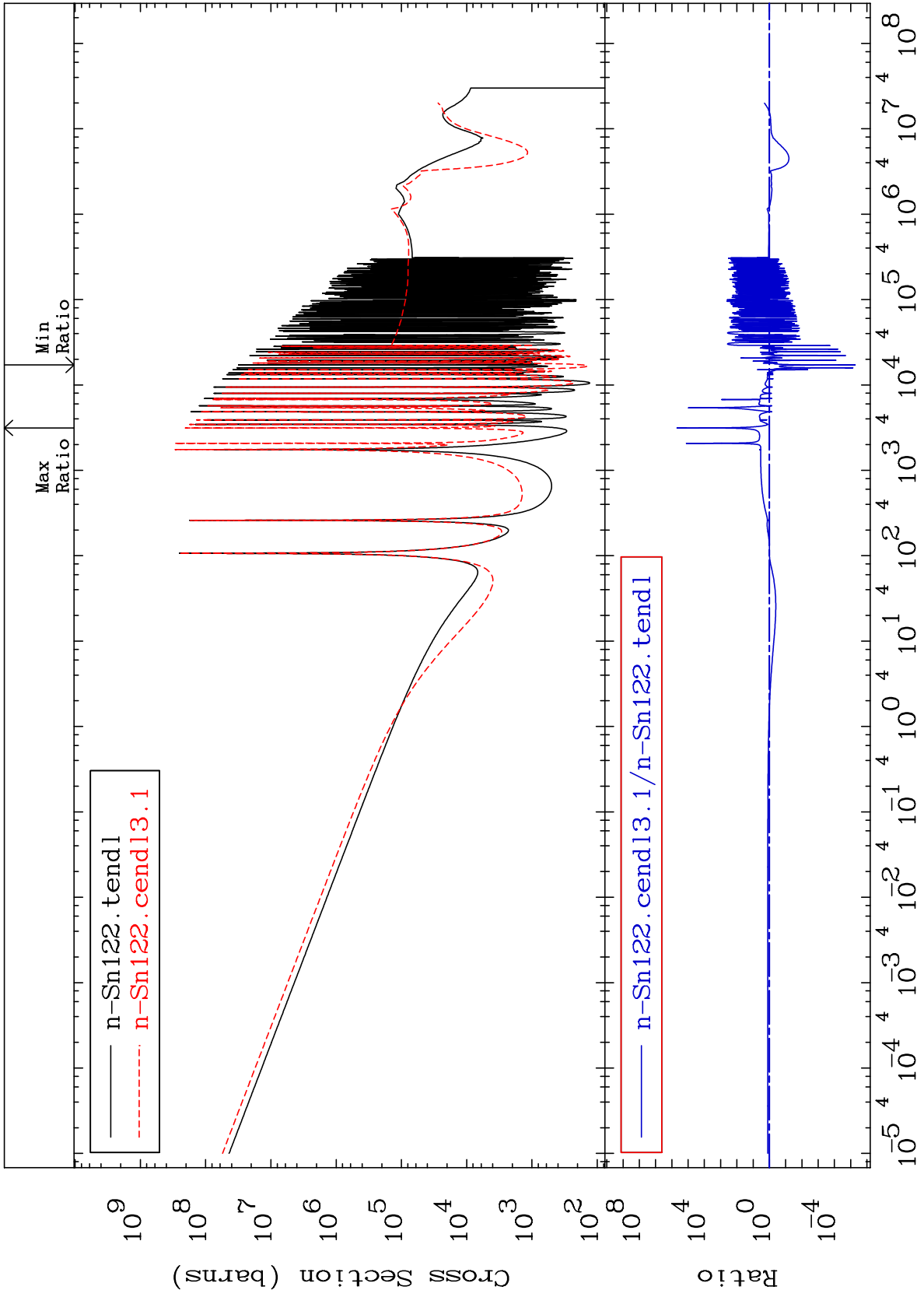
50-Sn-122
-7.134 To 54.50 %



MAT 5055

Kerma capture (mt102)
Cross Section

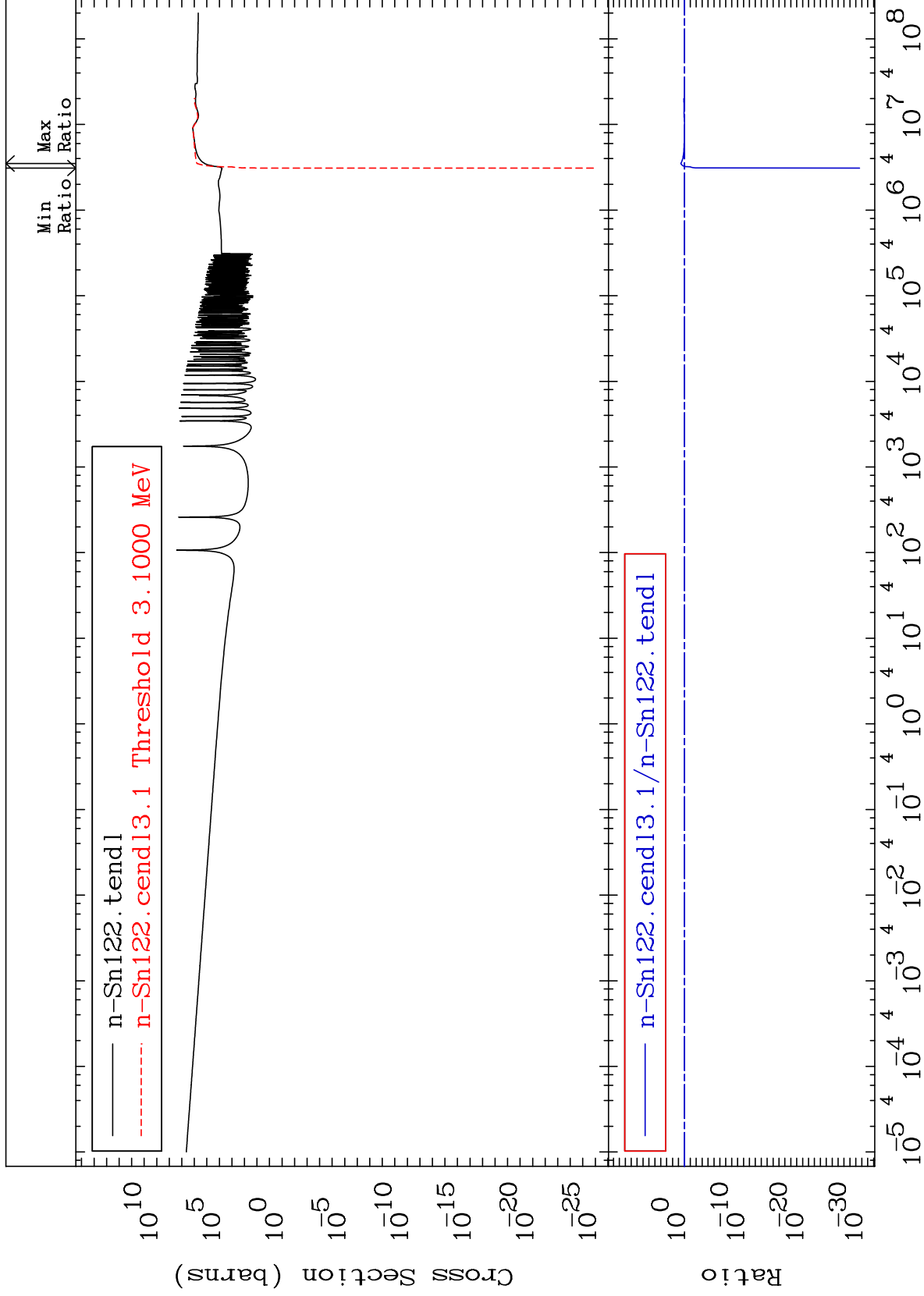
50-Sn-122
-100.0 To 9999. %



MAT 5055

Total photon (eV-barns)
Cross Section

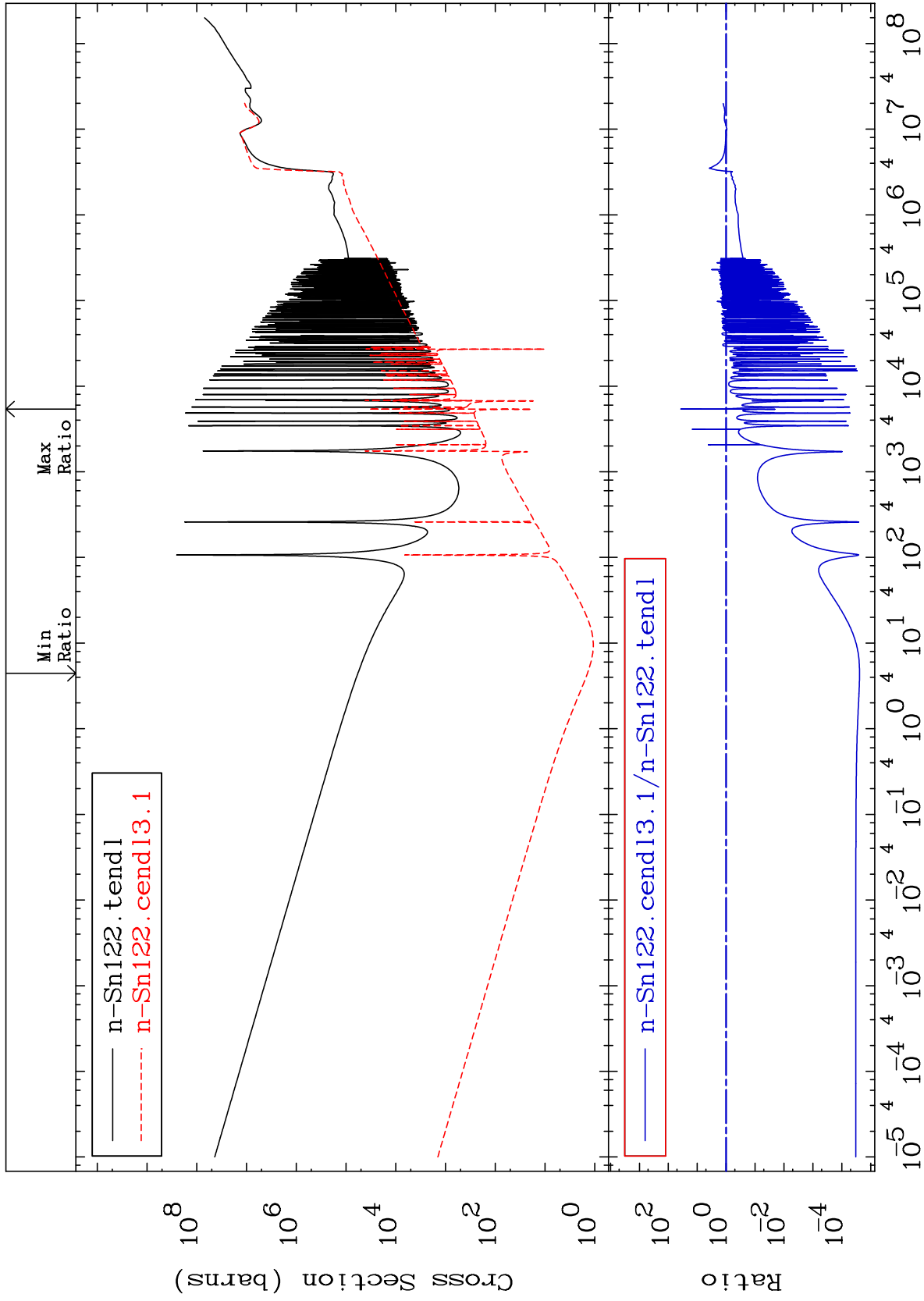
50-Sn-122
-100.0 To 309.5 %



MAT 5055

Total kinematic kerma (high limit)
Cross Section

50-Sn-122
-100.0 To 3611. %



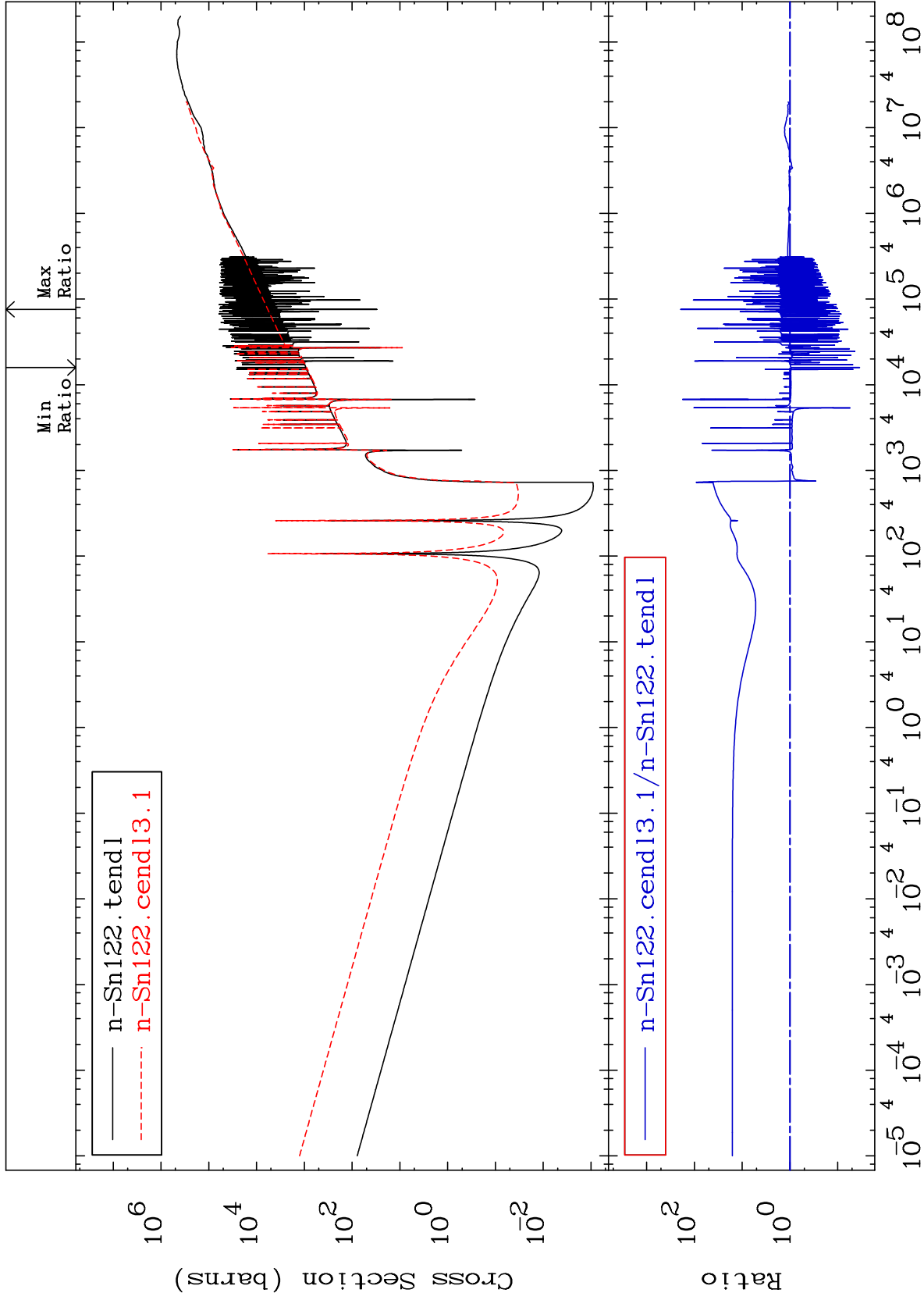
45

Incident Energy (eV)

50-Sn-122

Cross Section

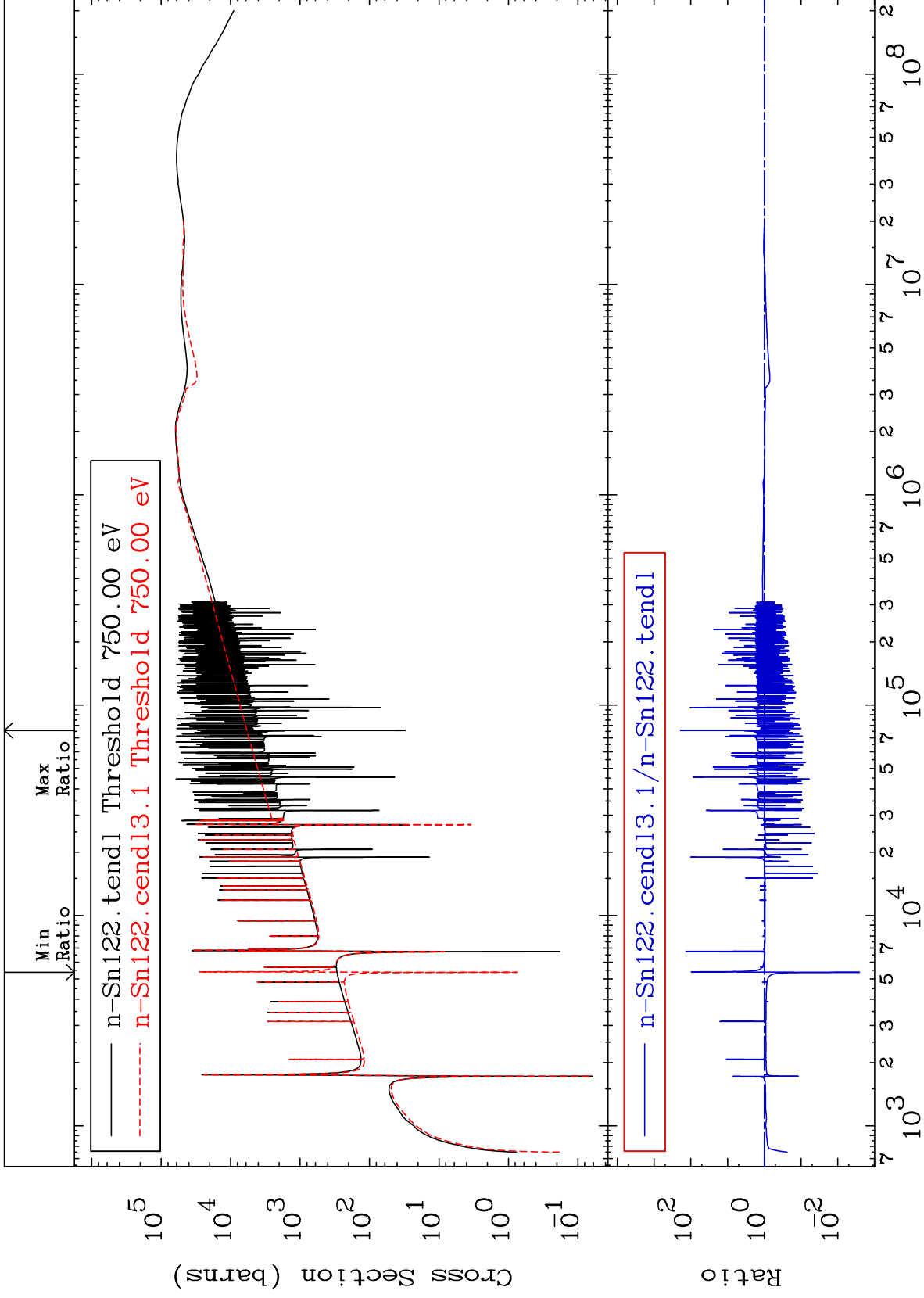
-96.50 To 9999. %



MAT 5055

Dpa elastic (mt2)
Cross Section

50-Sn-122
-99.74 To 9999. %



MAT 5055

Dpa inelastic (mt51-91)
Cross Section

50-Sn-122
1.785 To 189.8 %

