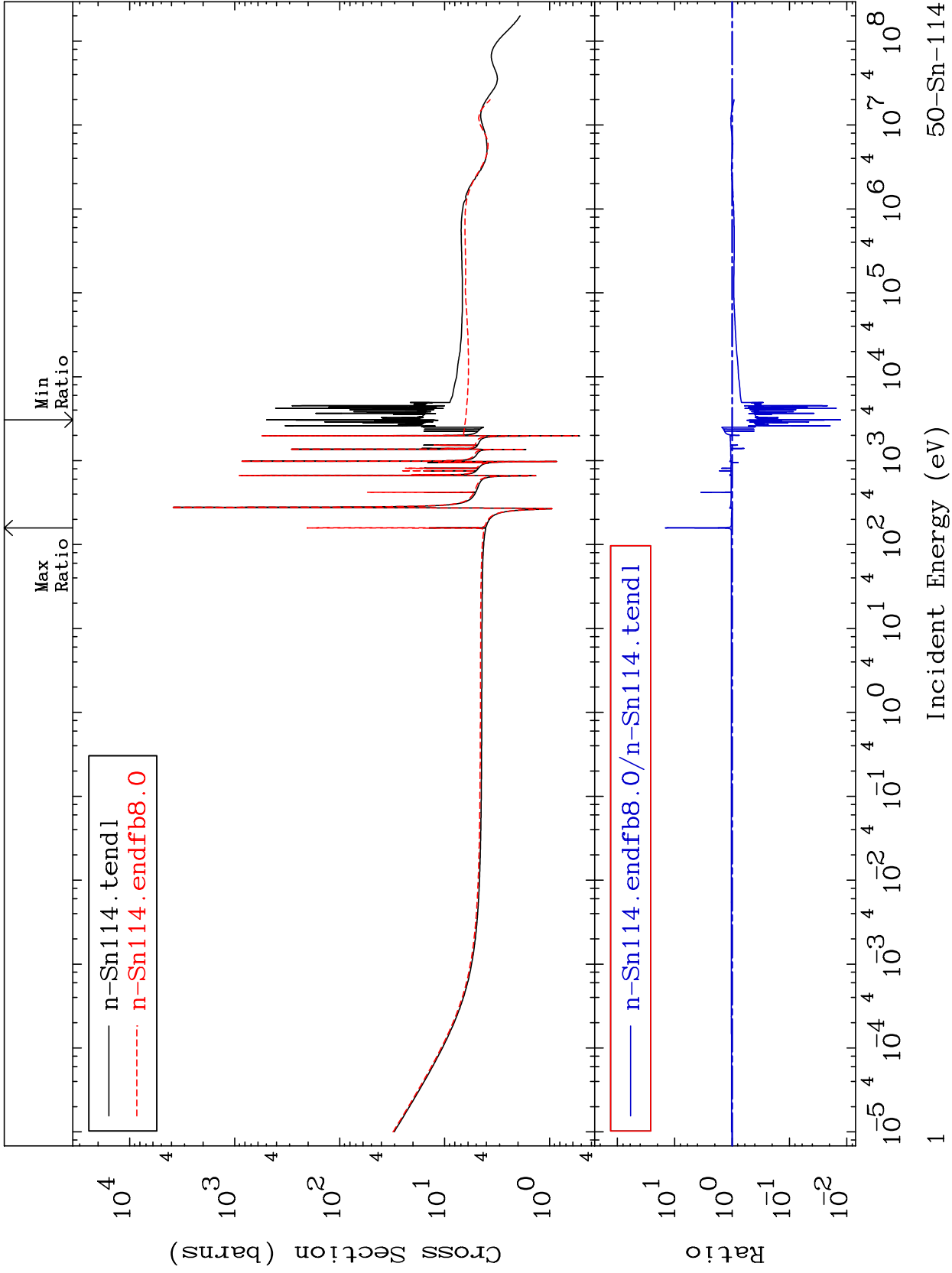


MAT 5031

Total
Cross Section

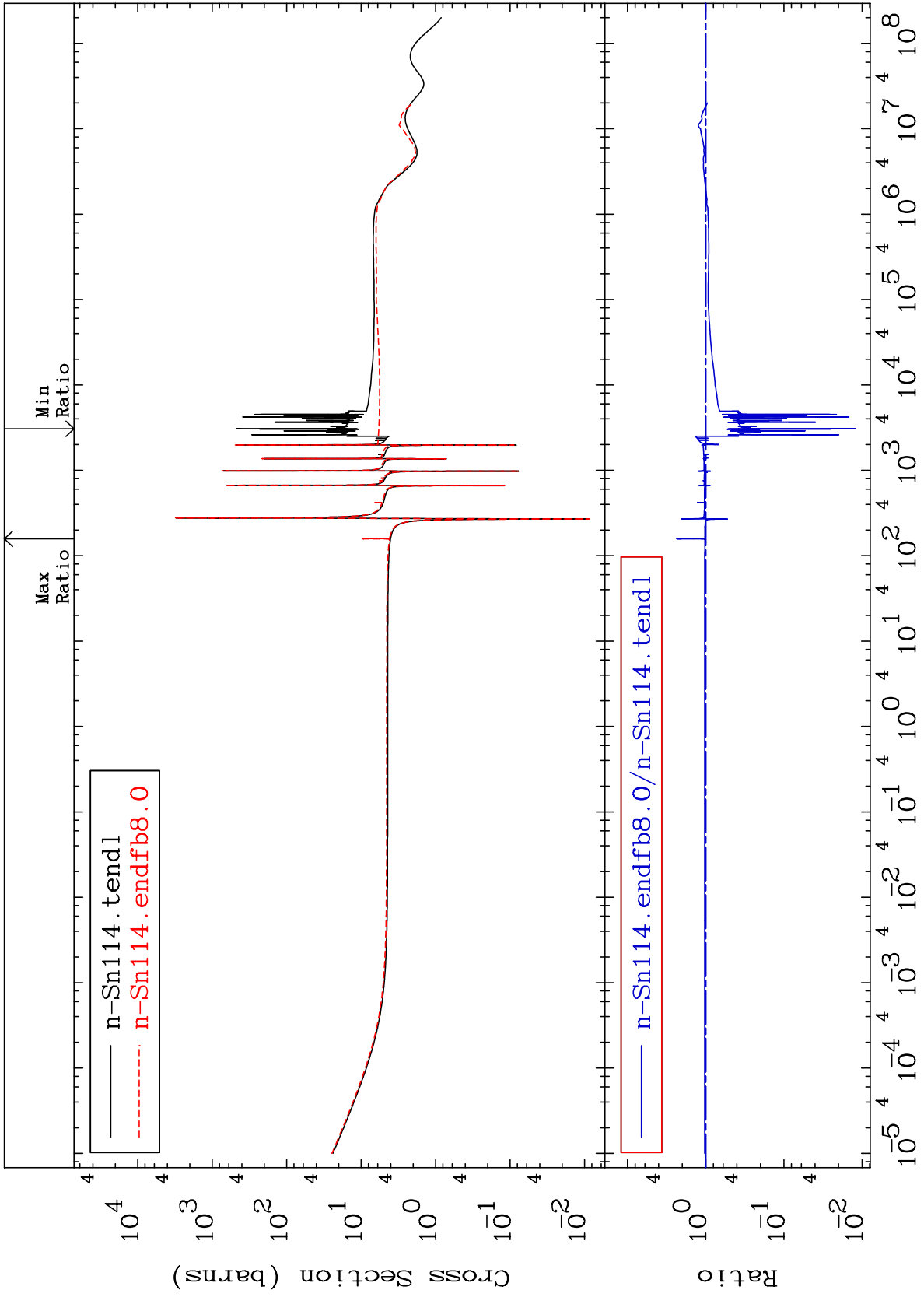
50-Sn-114
-98.72 To 1348. %



MAT 5031

Elastic
Cross Section

50-Sn-114
-98.77 To 133.8 %



2

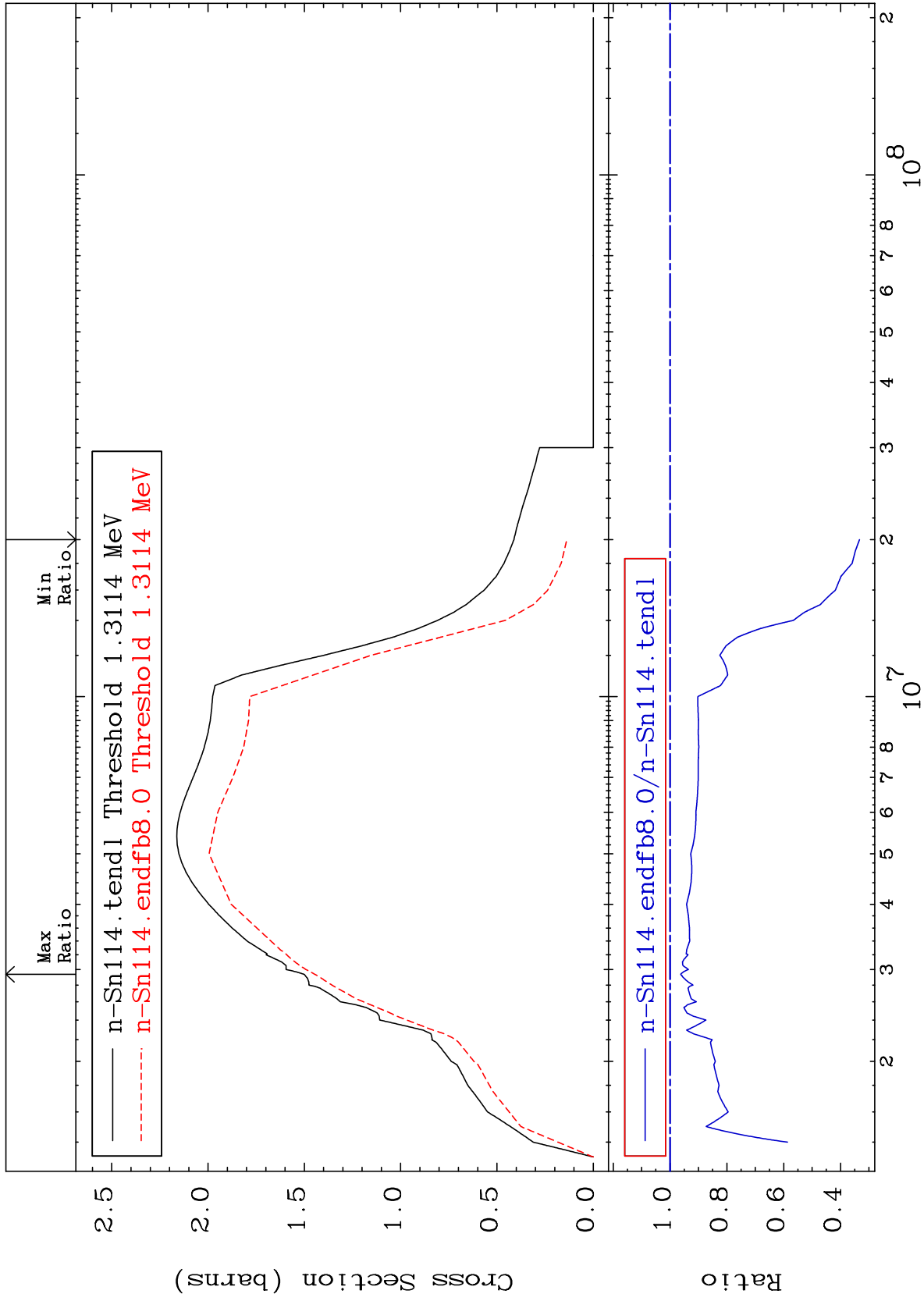
Incident Energy (eV)

50-Sn-114

MAT 5031

Inelastic
Cross Section

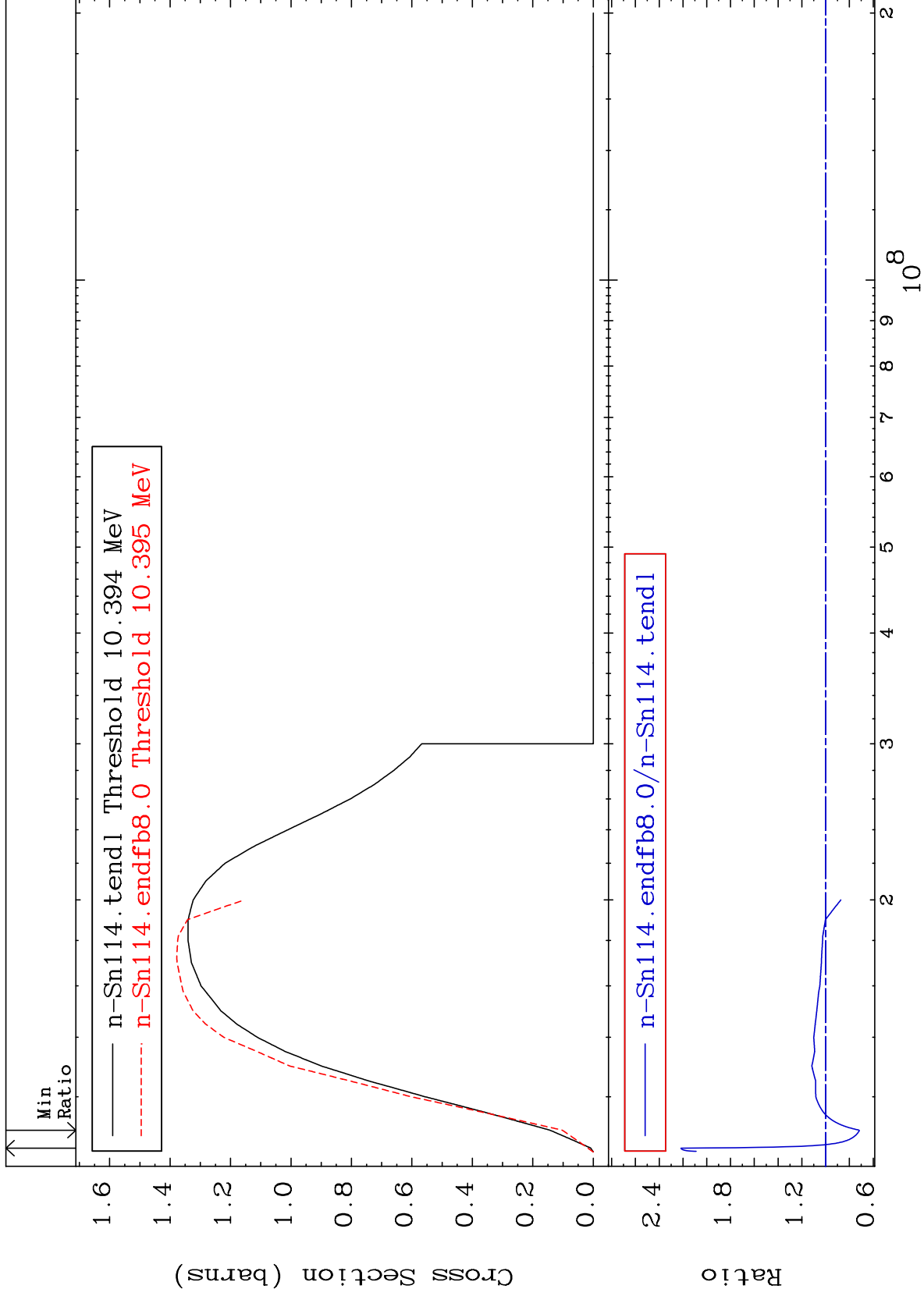
50-Sn-114
-66.70 To -3.783%



MAT 5031

(n,2n)
Cross Section

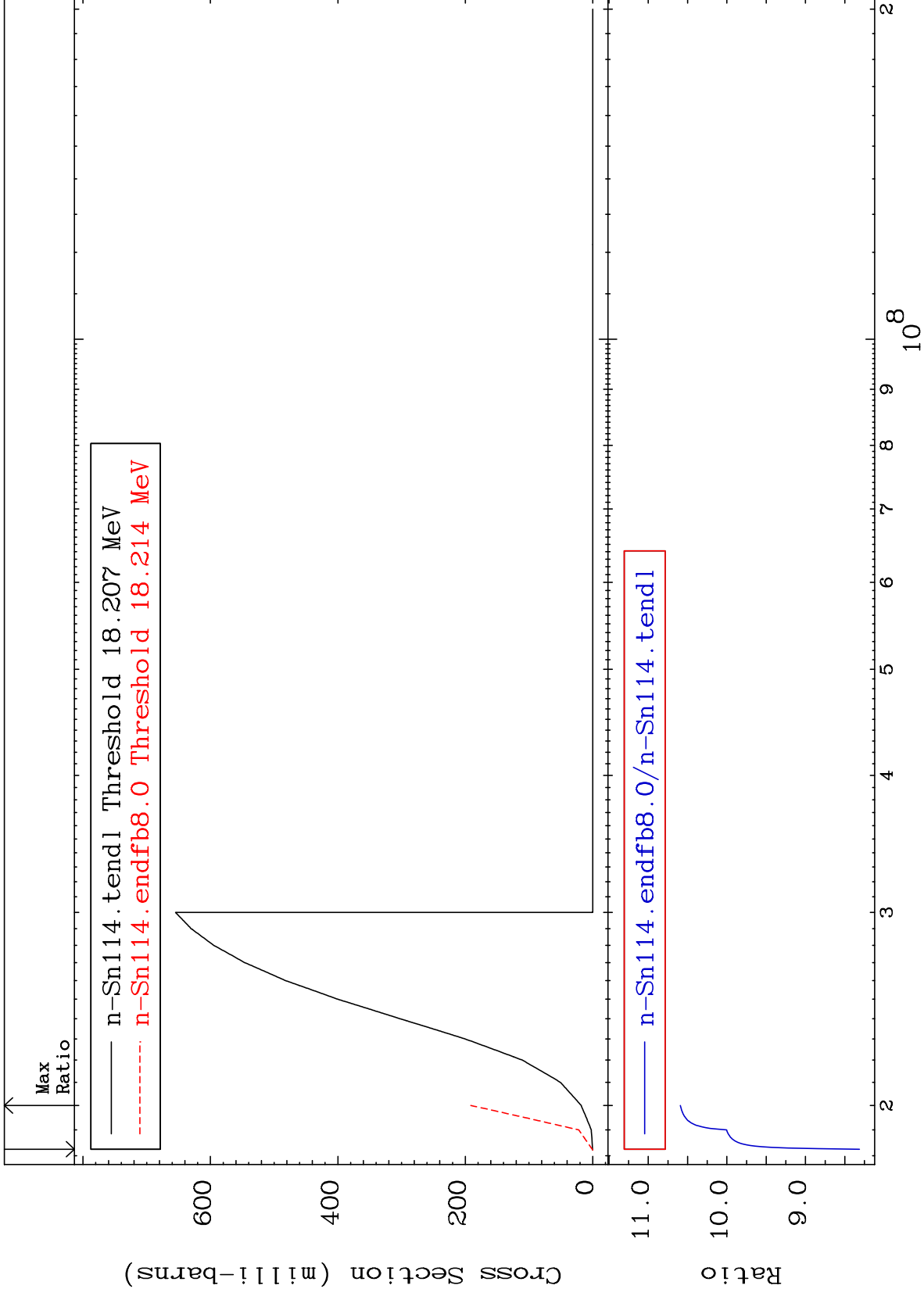
50-Sn-114
-28.52 To 121.8 %



MAT 5031

(n,3n)
Cross Section

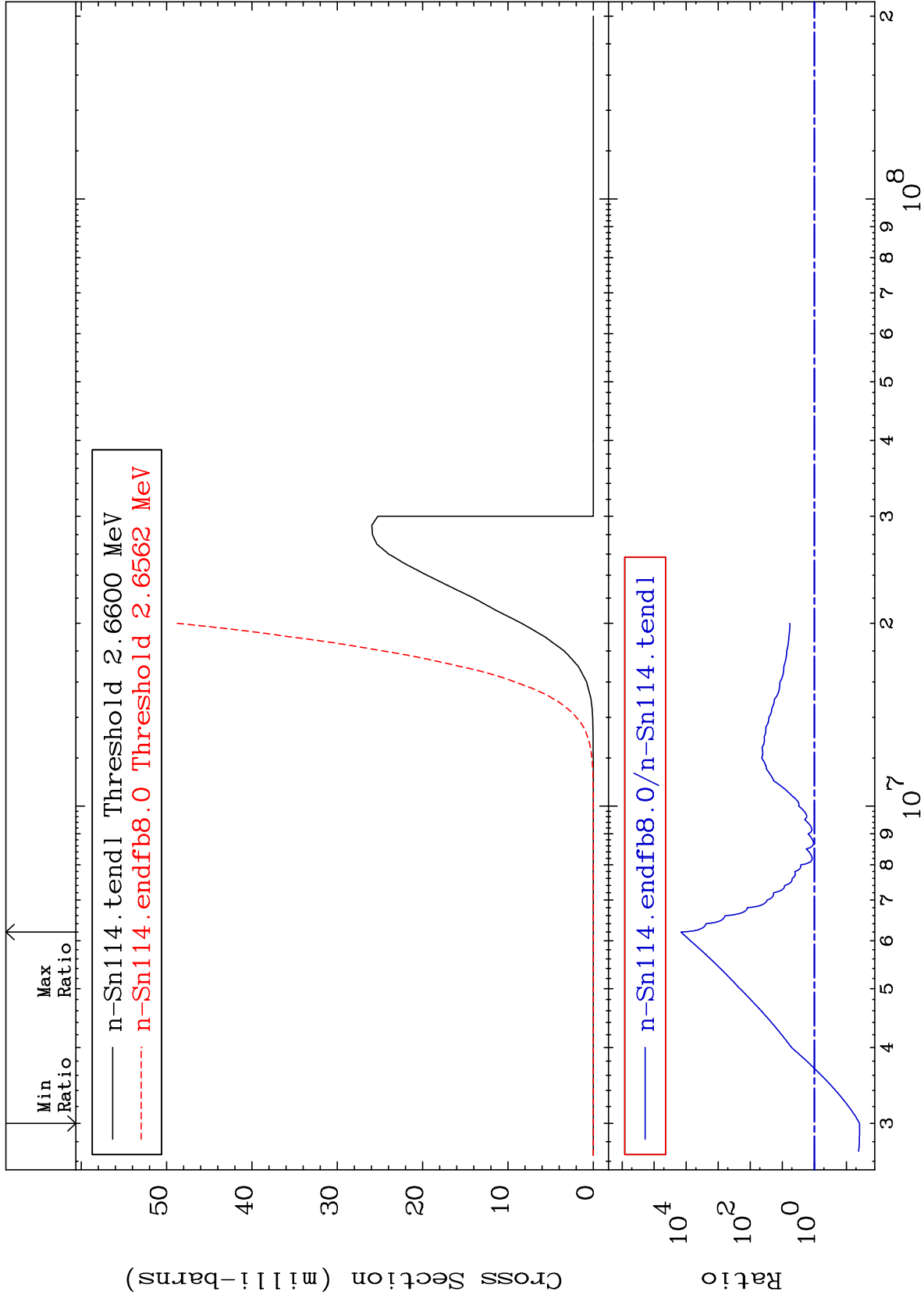
50-Sn-114
731.4 To 959.2 %



MAT 5031

(n,n') α
Cross Section

50-Sn-114
-96.12 To 9999. %



6

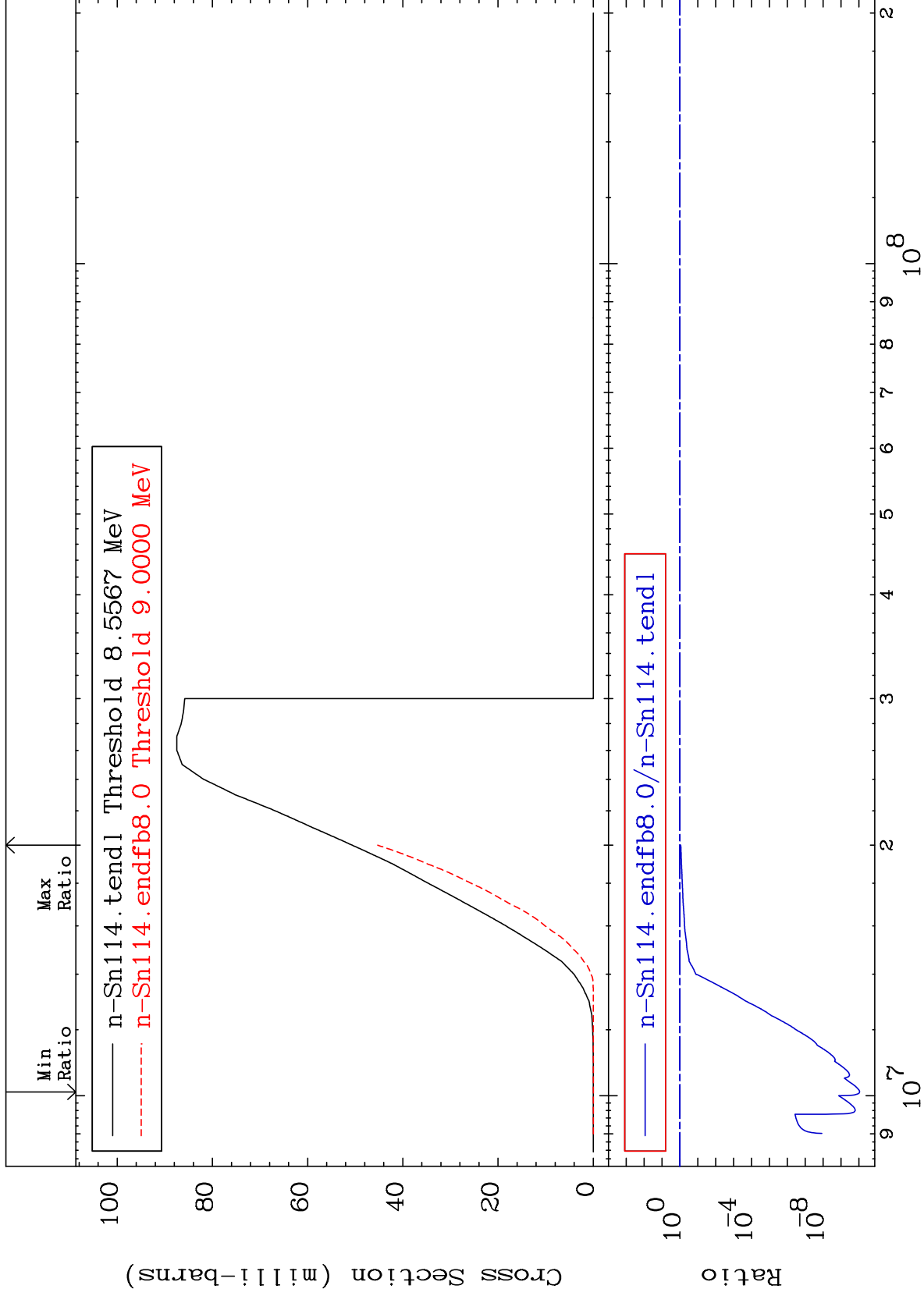
50-Sn-114

50-Sn-114

MAT 5031

(n,n') p
Cross Section

50-Sn-114
-100.0 To -10.50%



50-Sn-114

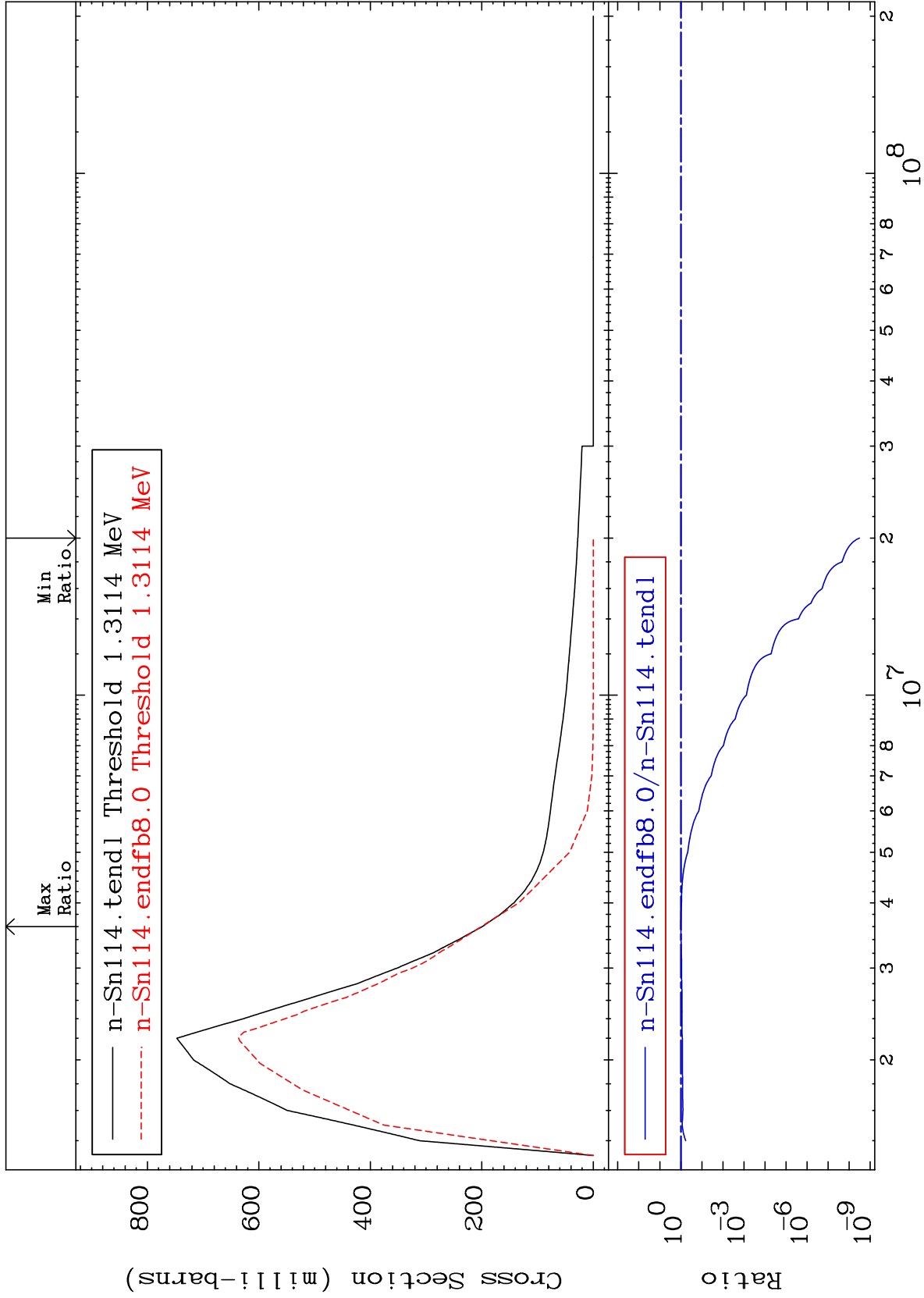
Incident Energy (eV)

7

MAT 5031

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

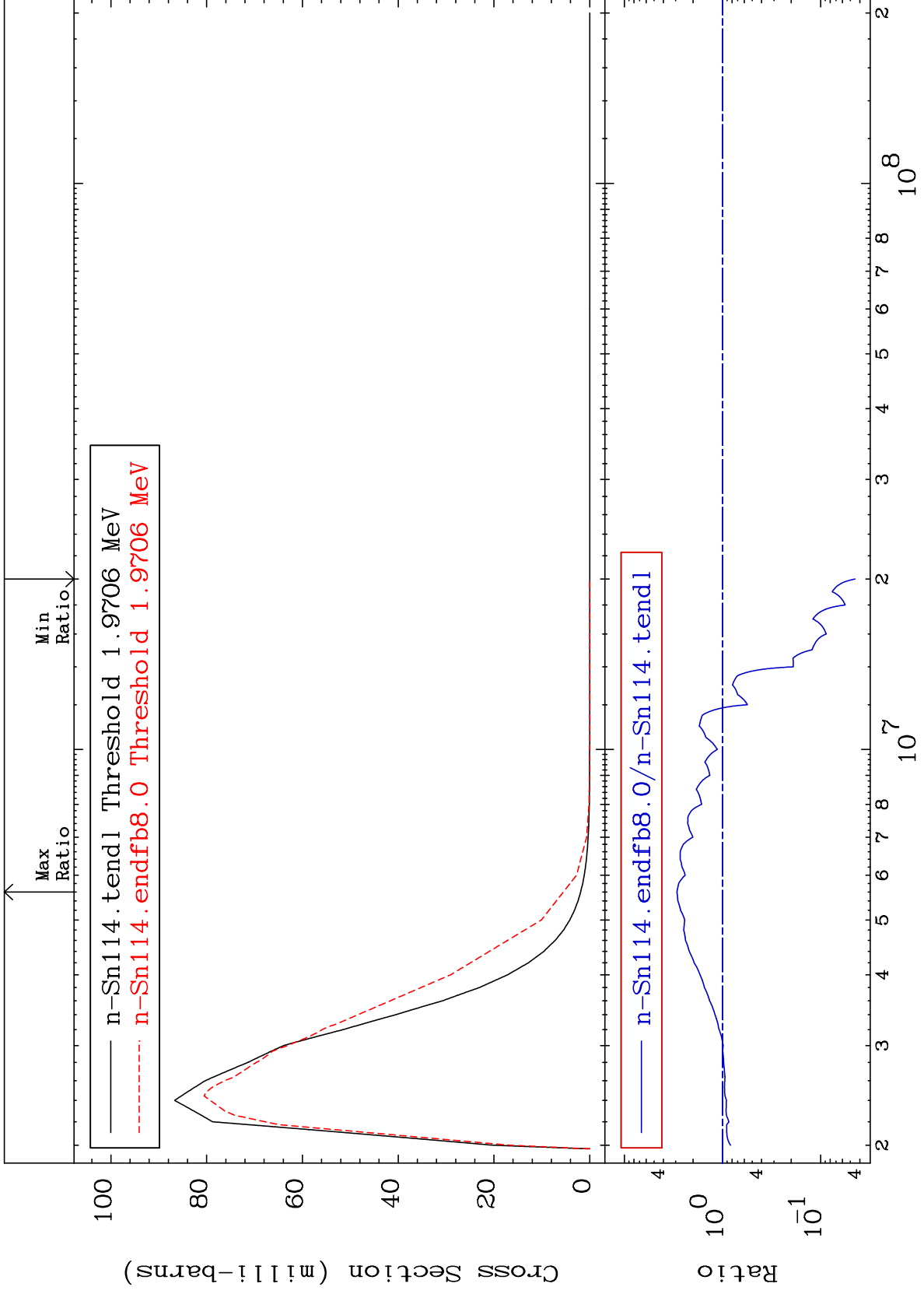
50-Sn-114
-100.0 To 0.890 %



MAT 5031

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

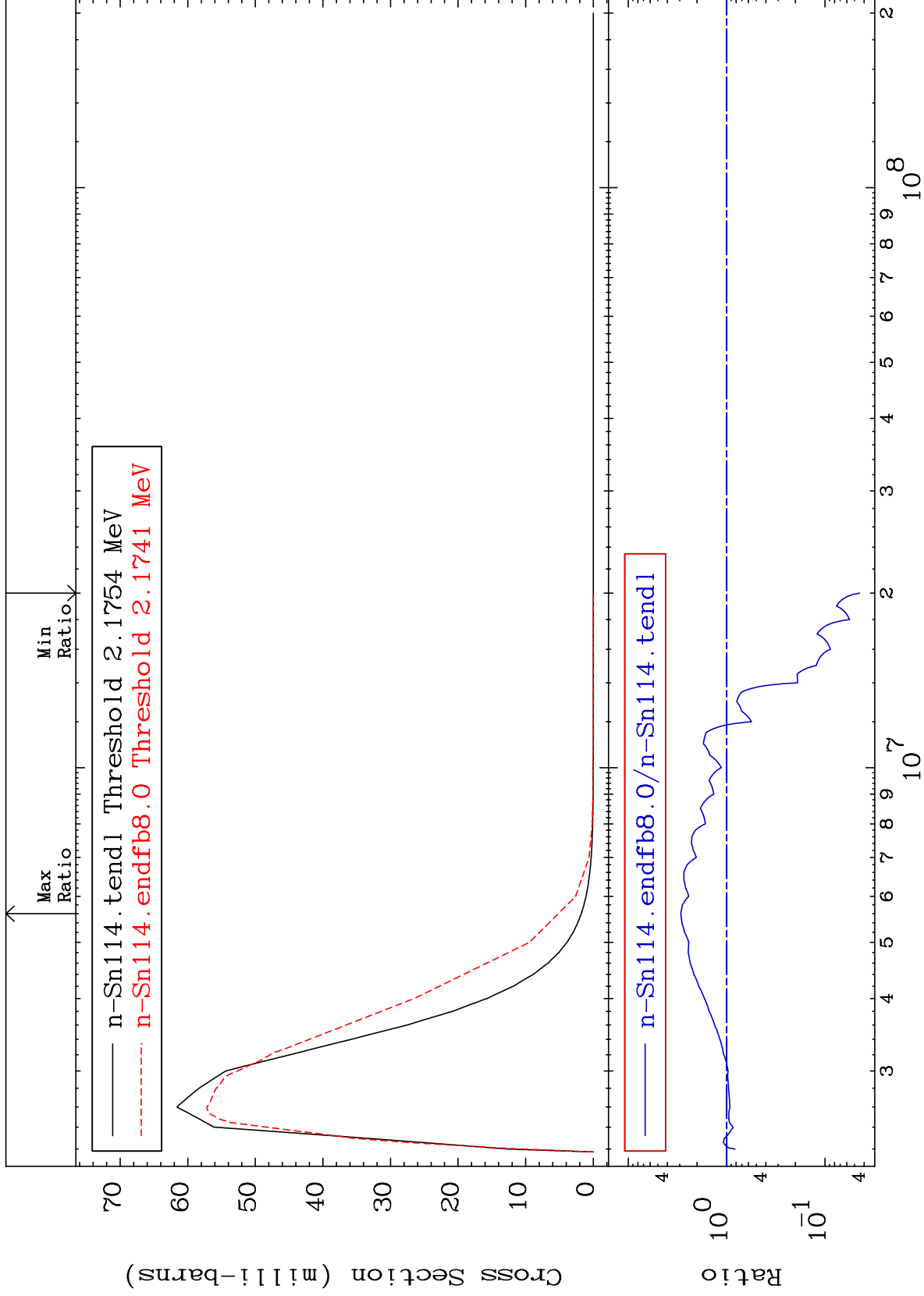
50-Sn-114
-95.54 To 191.8 %



MAT 5031

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

50-Sn-114
-95.54 To 192.8 %



10

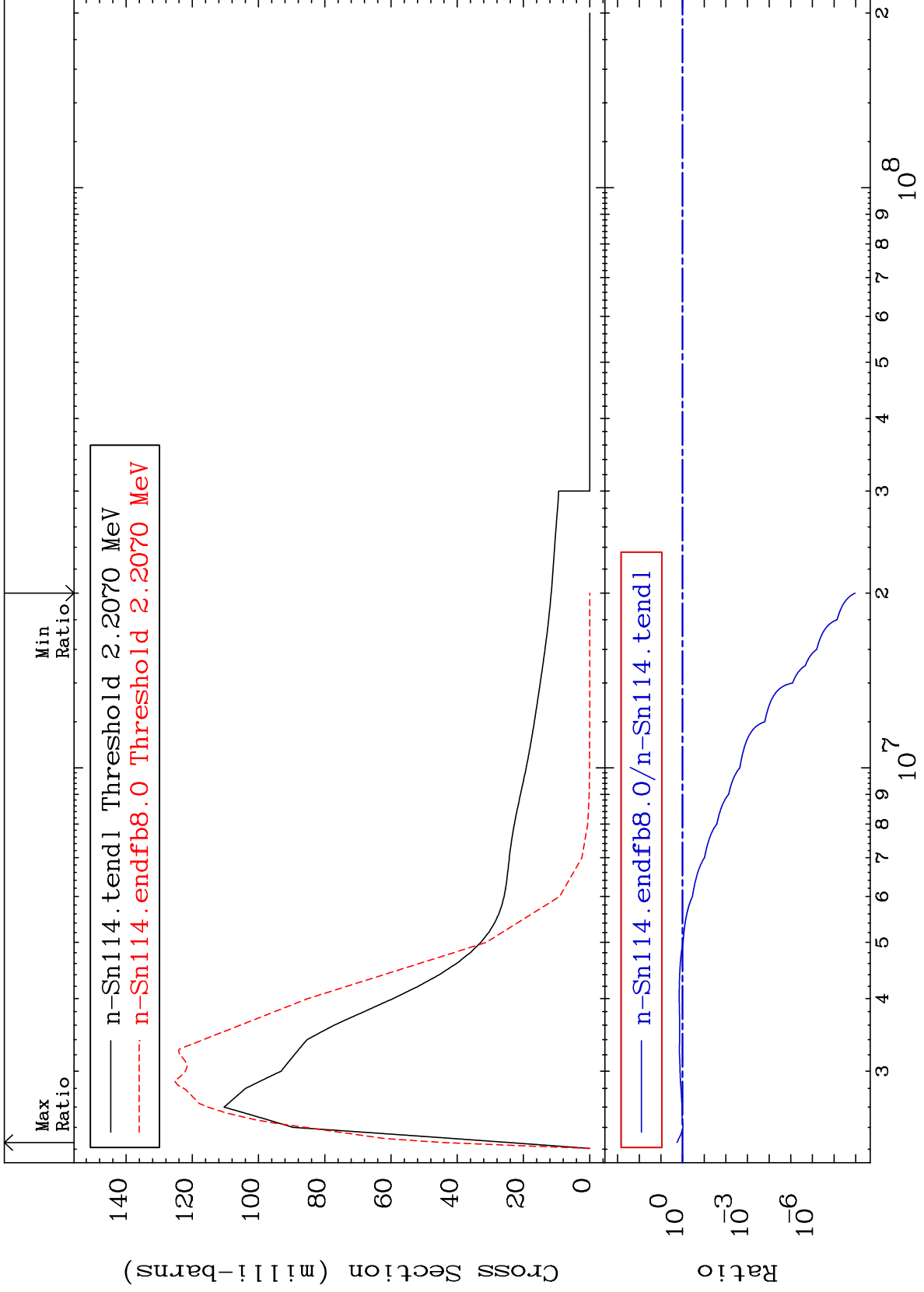
Incident Energy (eV)

50-Sn-114

MAT 5031

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

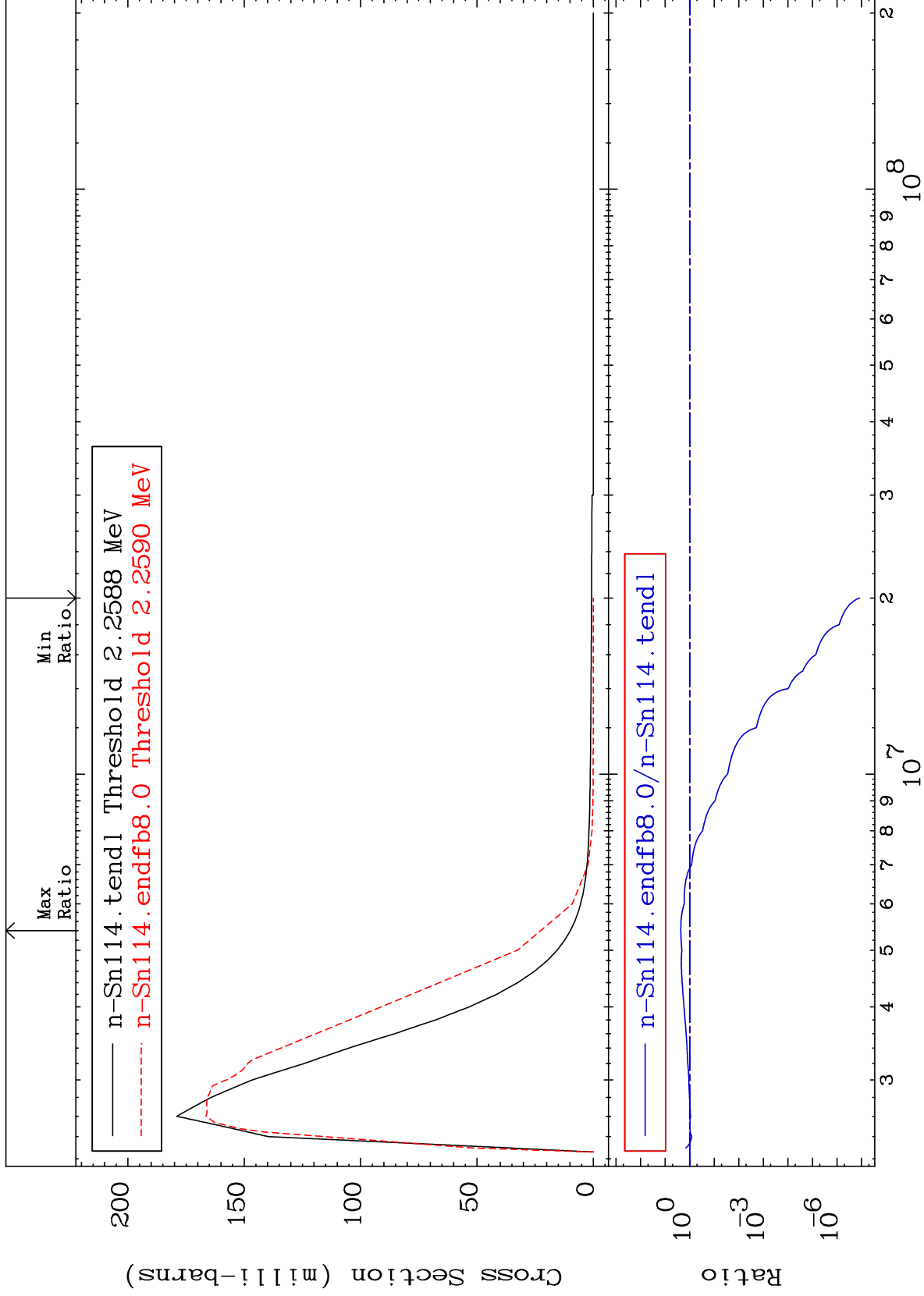
50-Sn-114
-100.0 To 82.29 %



MAT 5031

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

50-Sn-114
-100.0 To 130.2 %



12

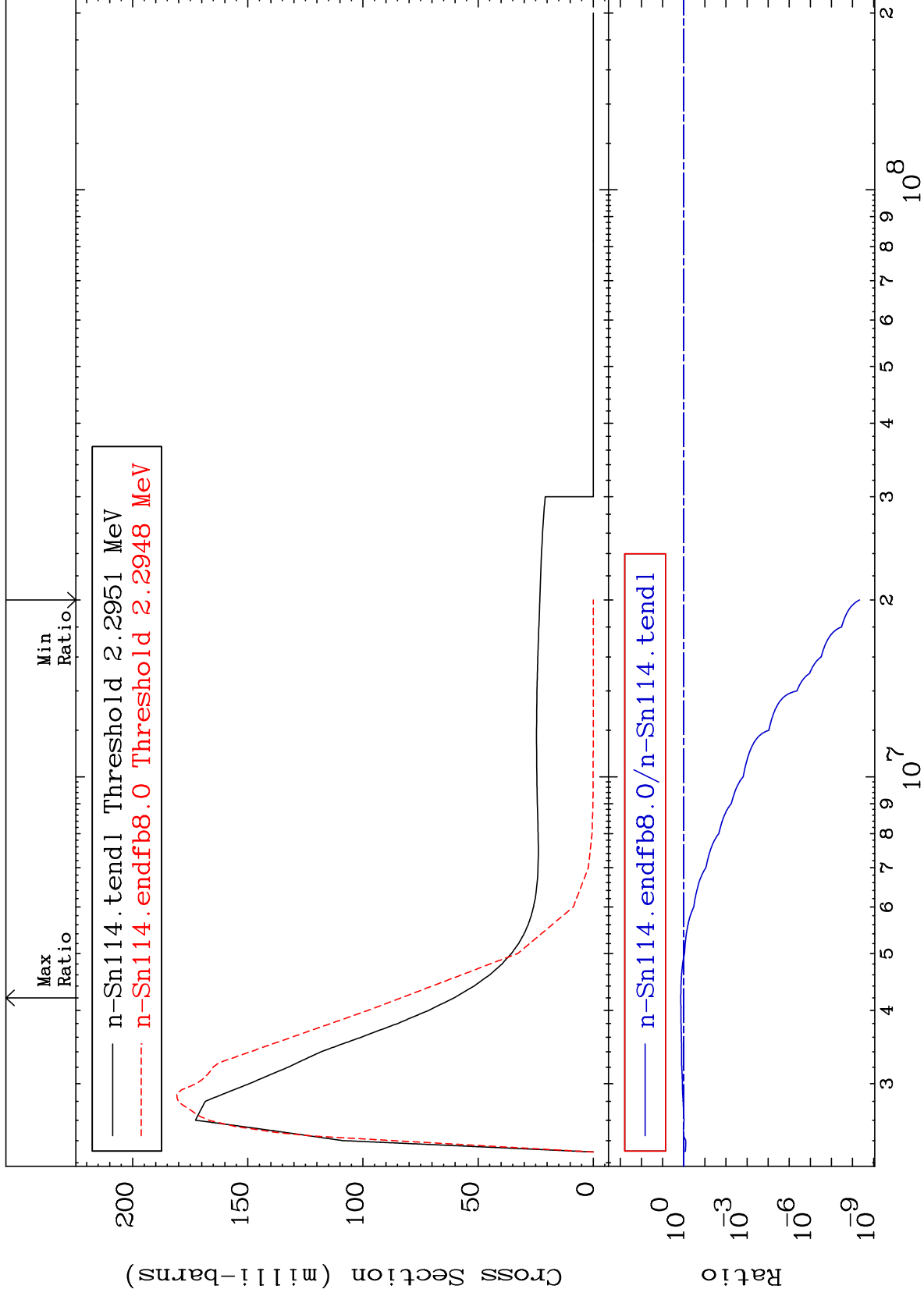
Incident Energy (eV)

50-Sn-114

MAT 5031

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

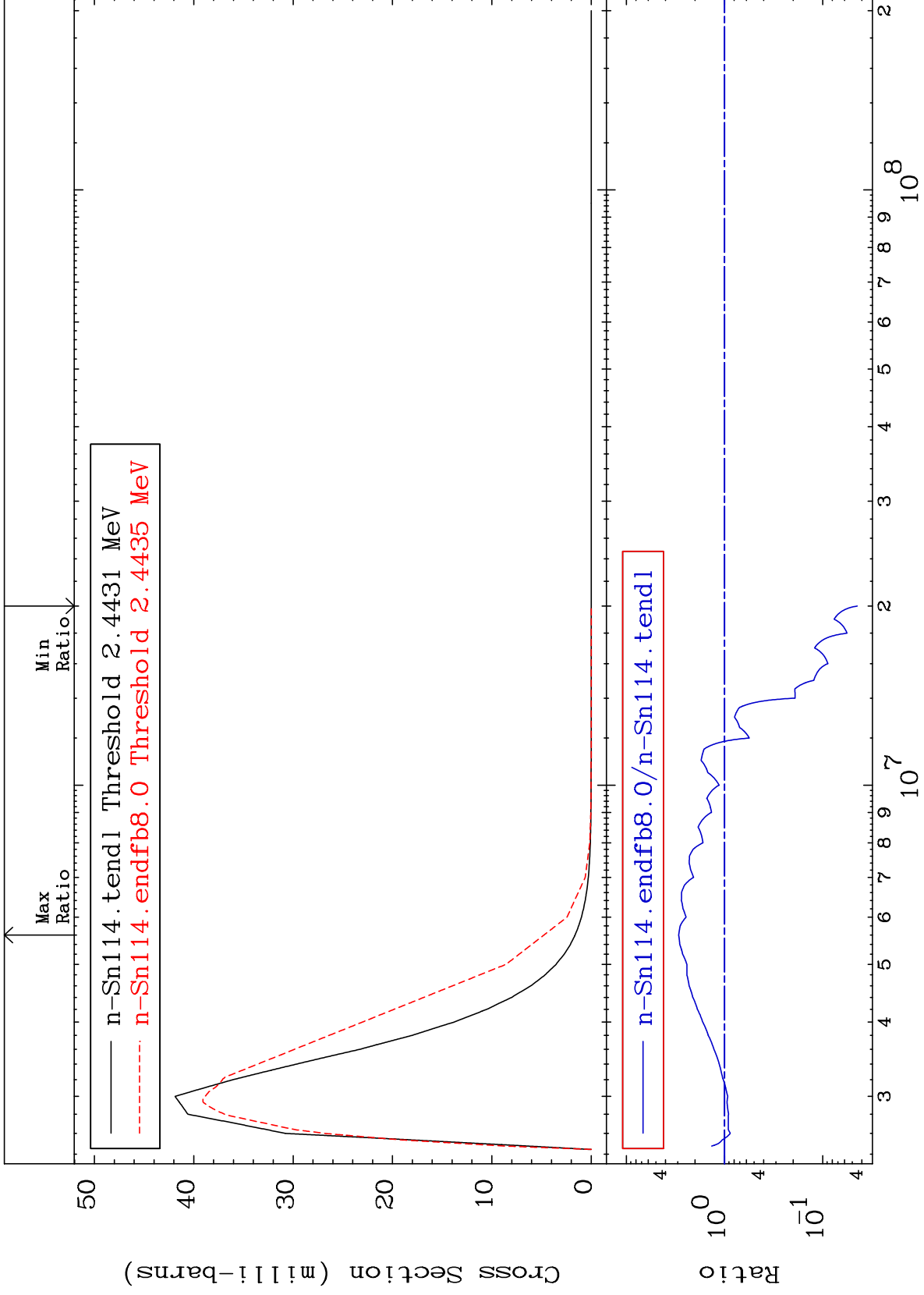
50-Sn-114
-100.0 To 38.15 %



MAT 5031

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

50-Sn-114
-95.55 To 193.3 %



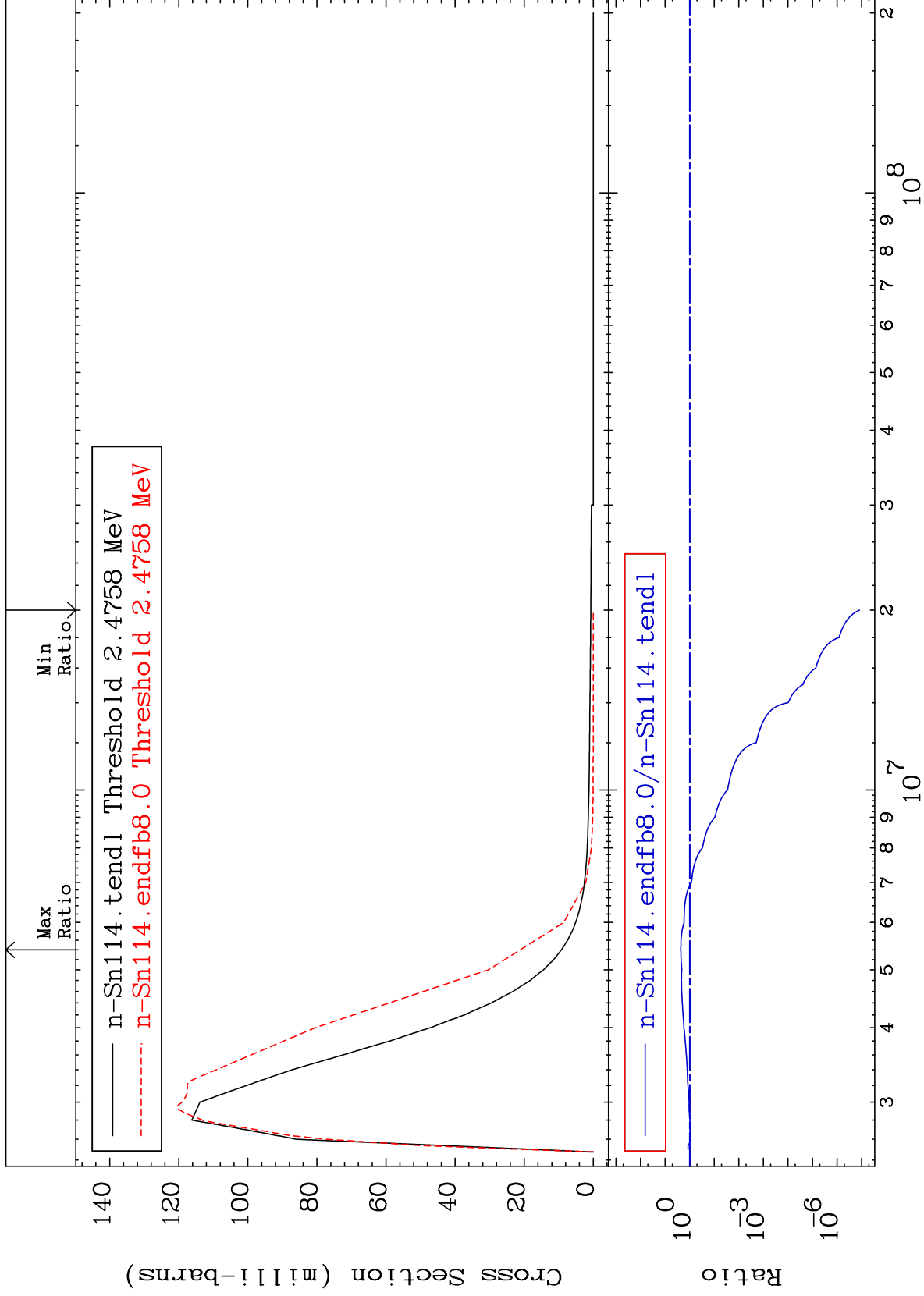
14

50-Sn-114

MAT 5031

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

50-Sn-114
-100.0 To 129.9 %



15

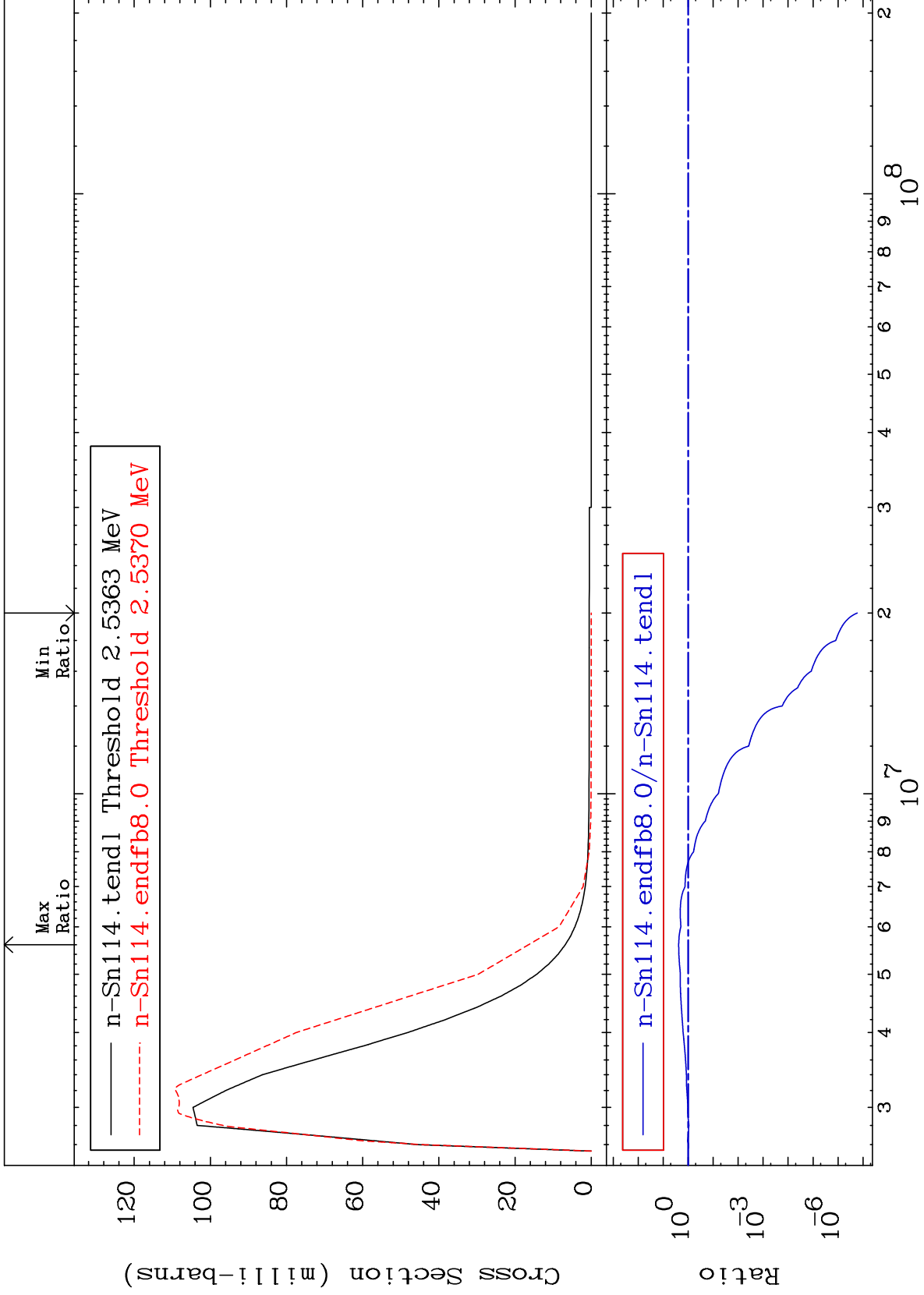
Incident Energy (eV)

50-Sn-114

MAT 5031

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

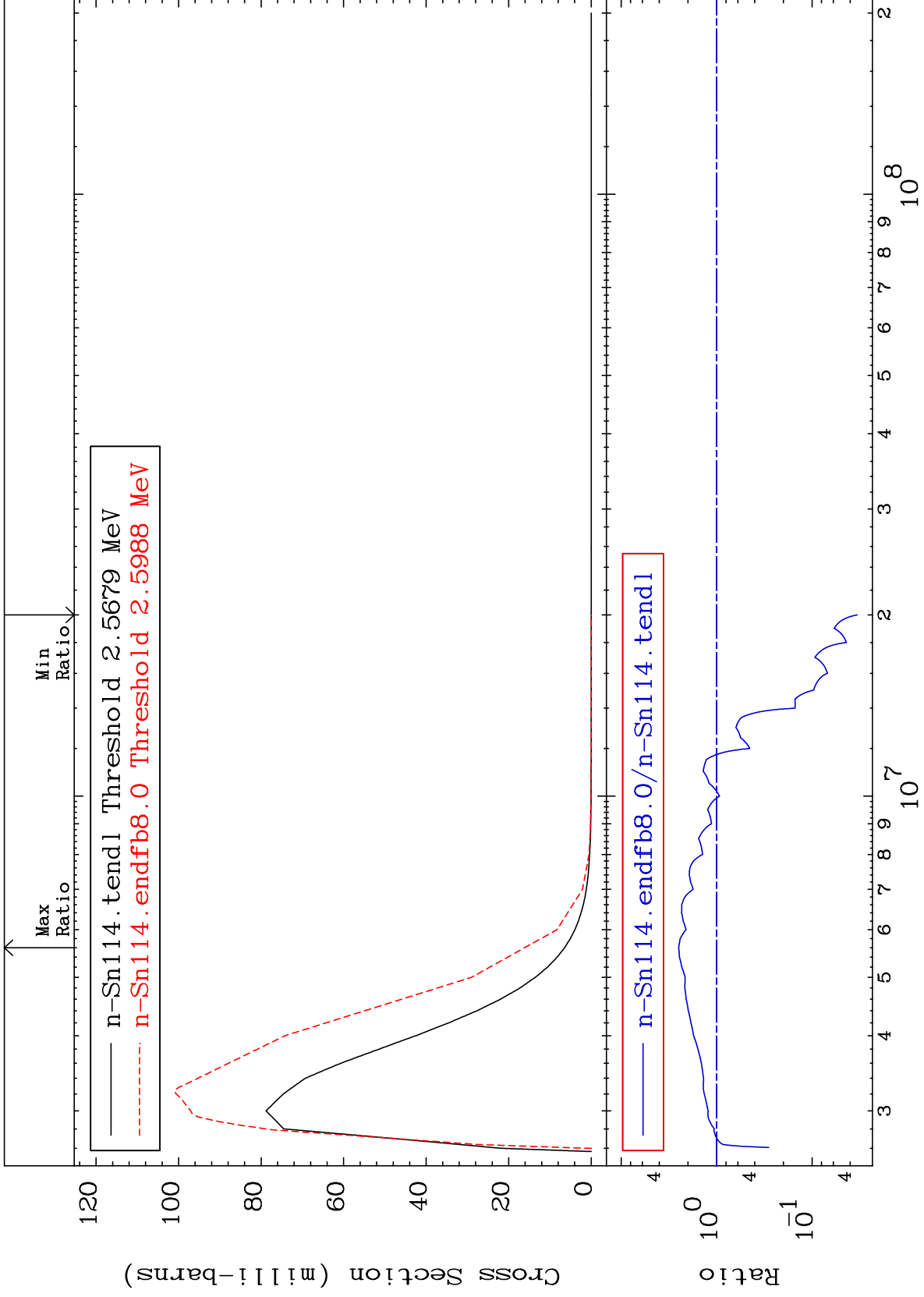
50-Sn-114
-100.0 To 142.2 %



MAT 5031

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

50-Sn-114
-96.62 To 150.4 %



17

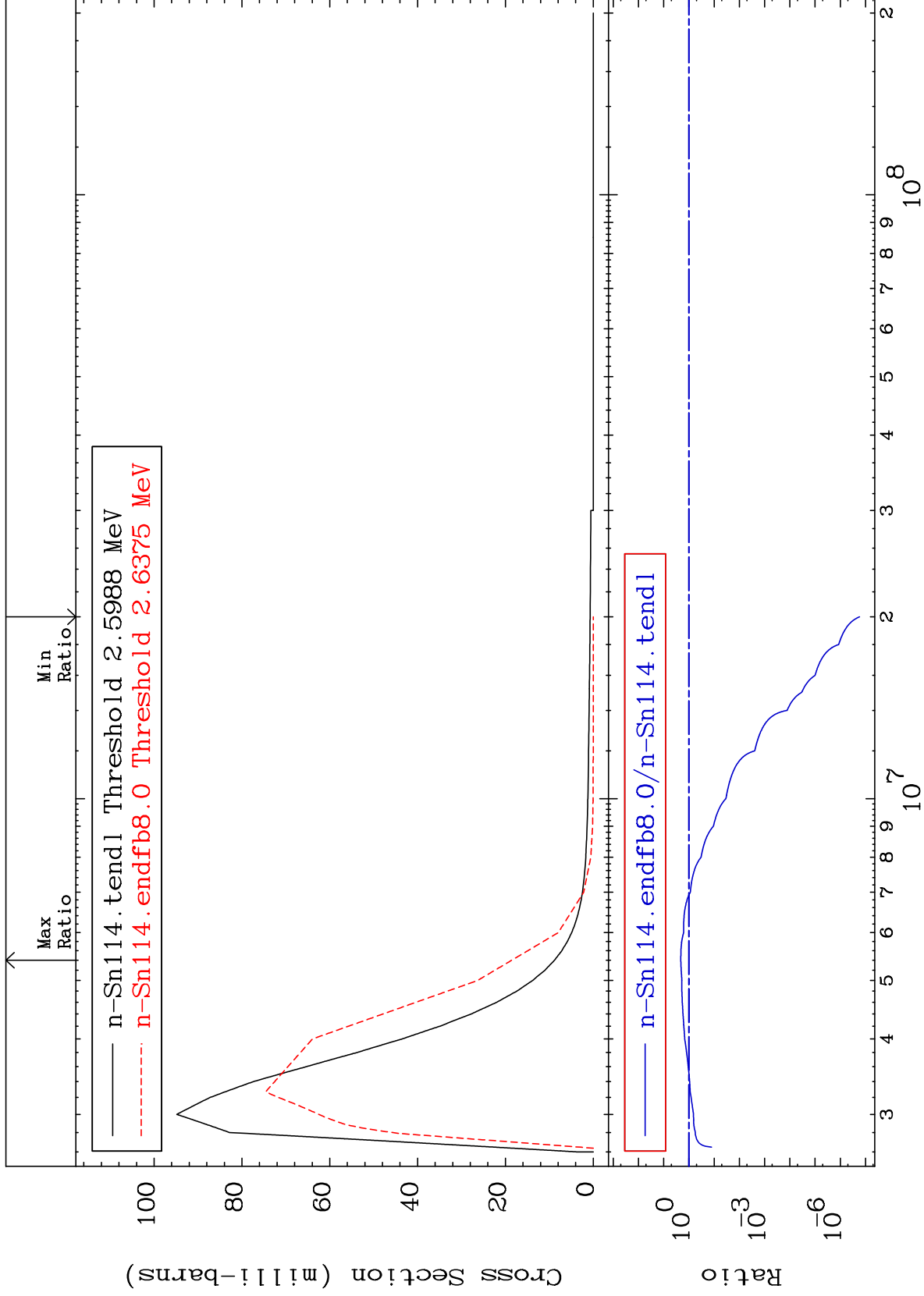
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114
-100.0 To 110.2 %



18

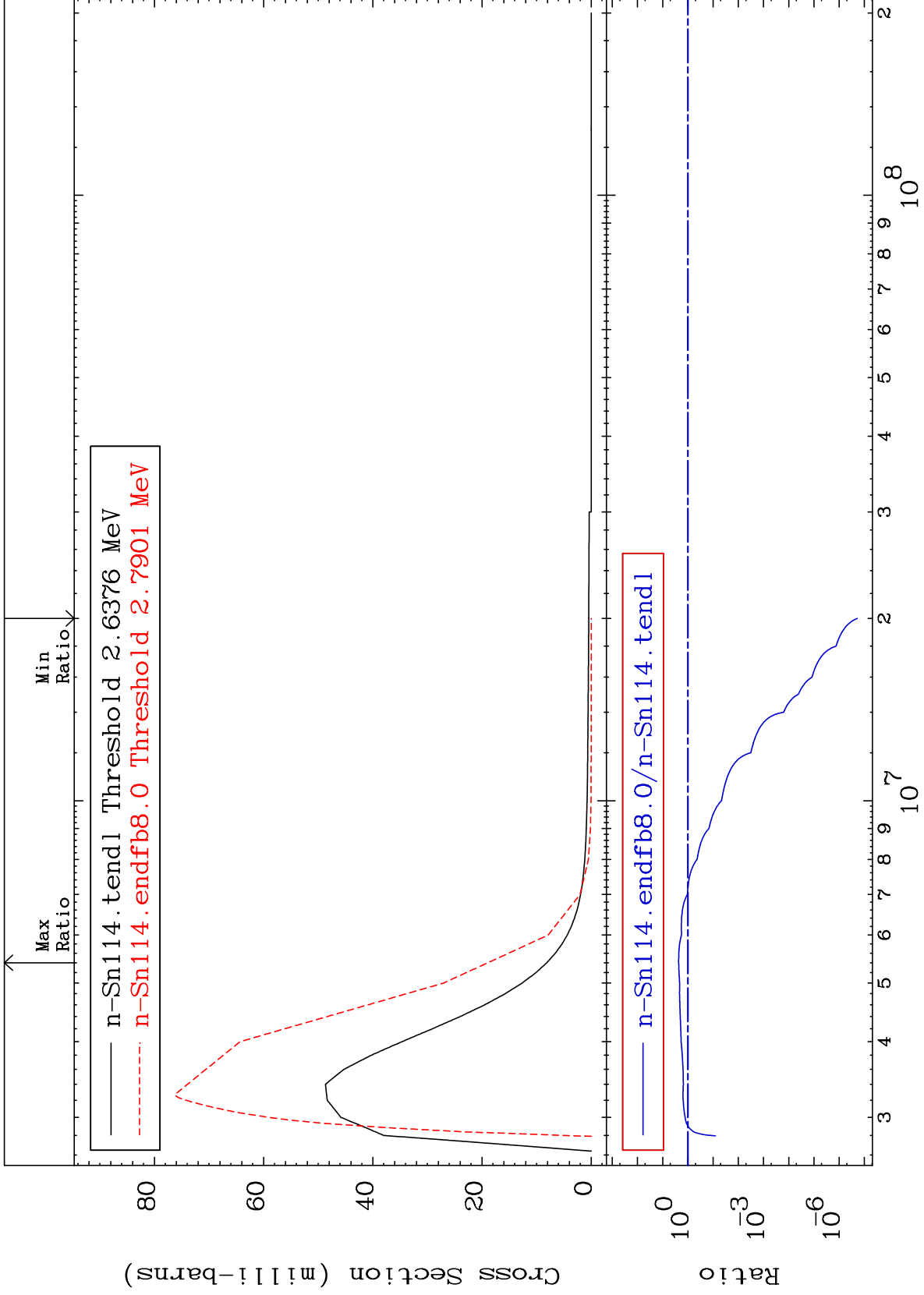
Incident Energy (eV)

50-Sn-114

MAT 5031

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

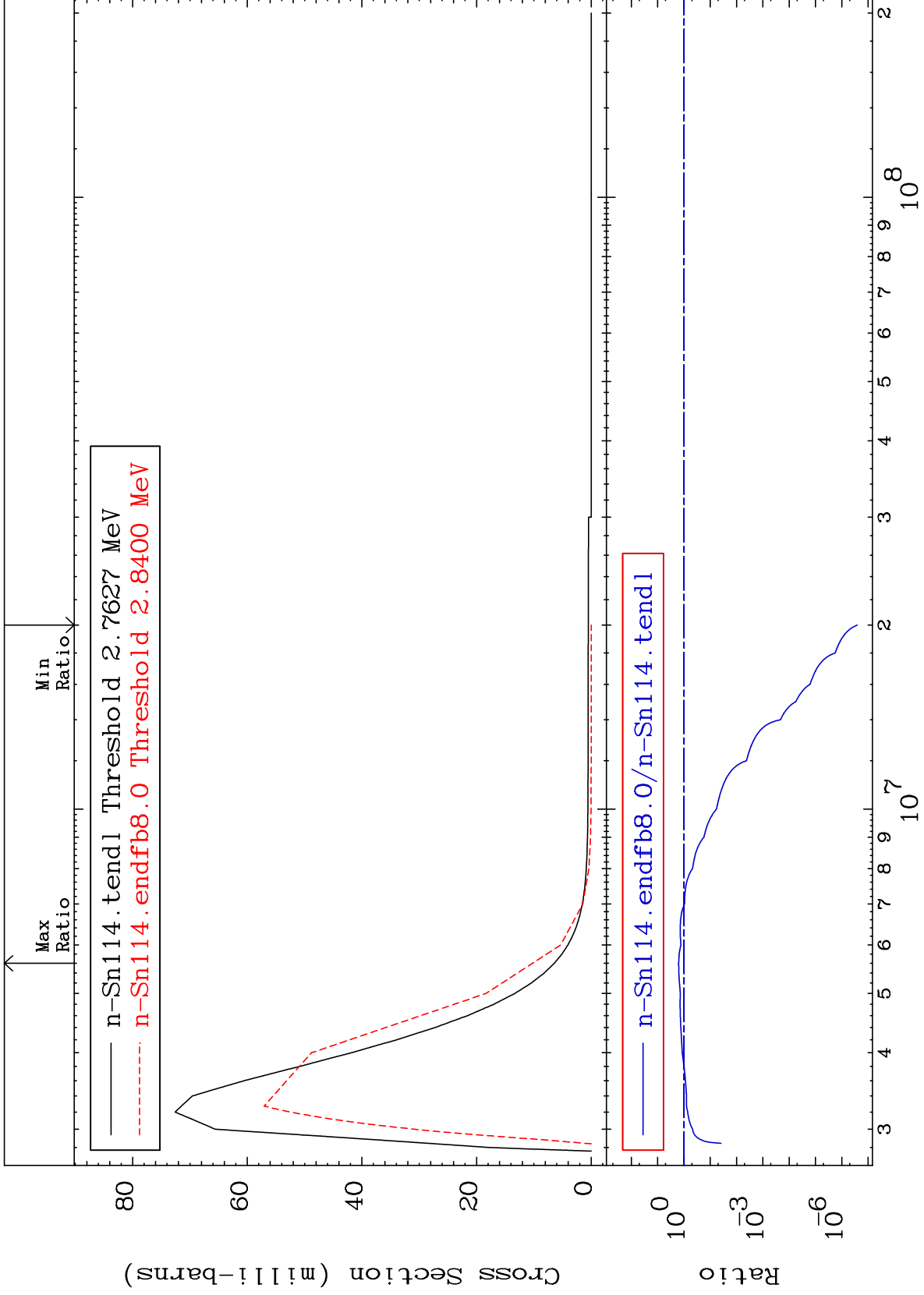
50-Sn-114
-100.0 To 132.9 %



MAT 5031

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

50-Sn-114
-100.0 To 59.17 %



20

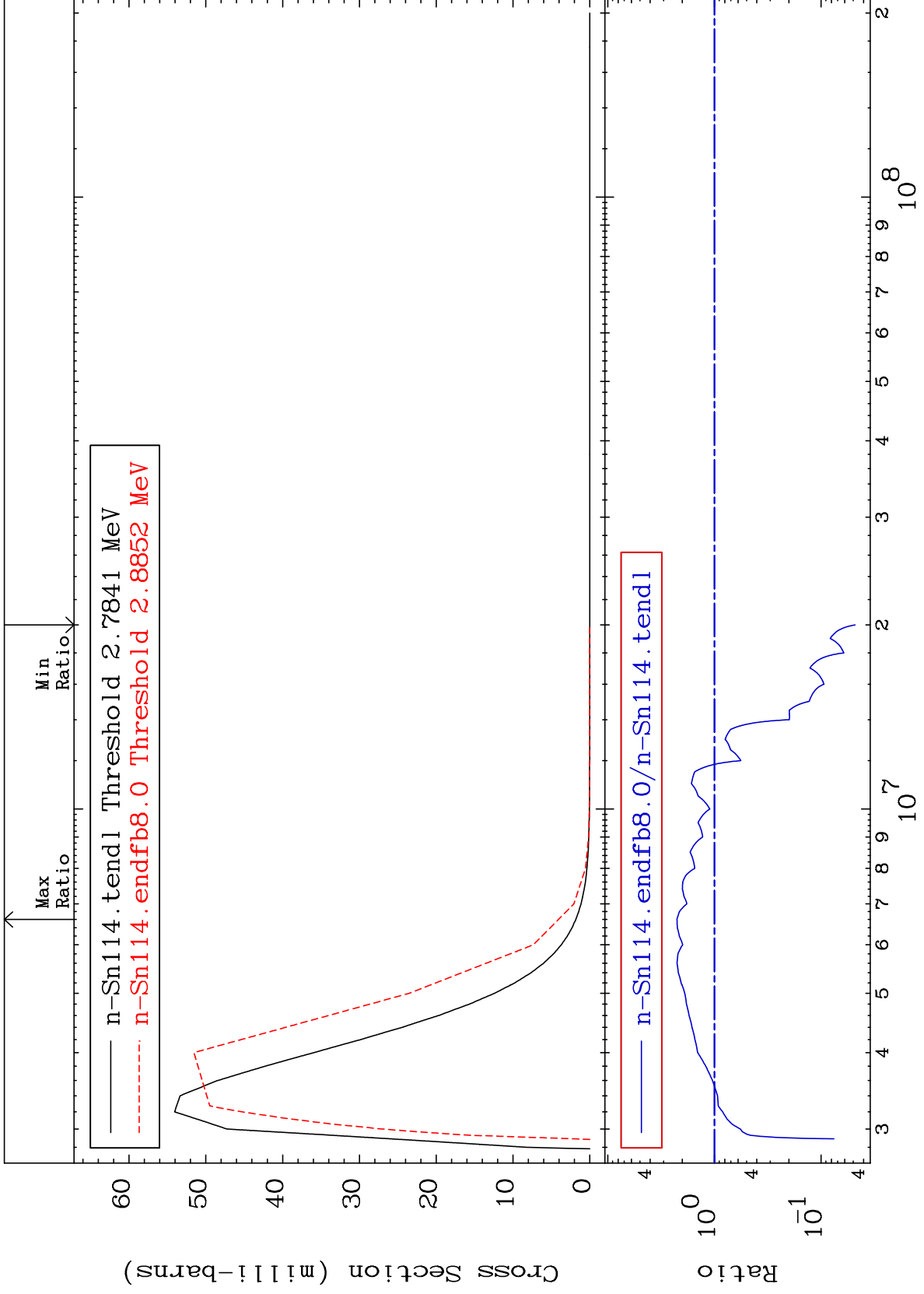
Incident Energy (eV)

50-Sn-114

MAT 5031

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

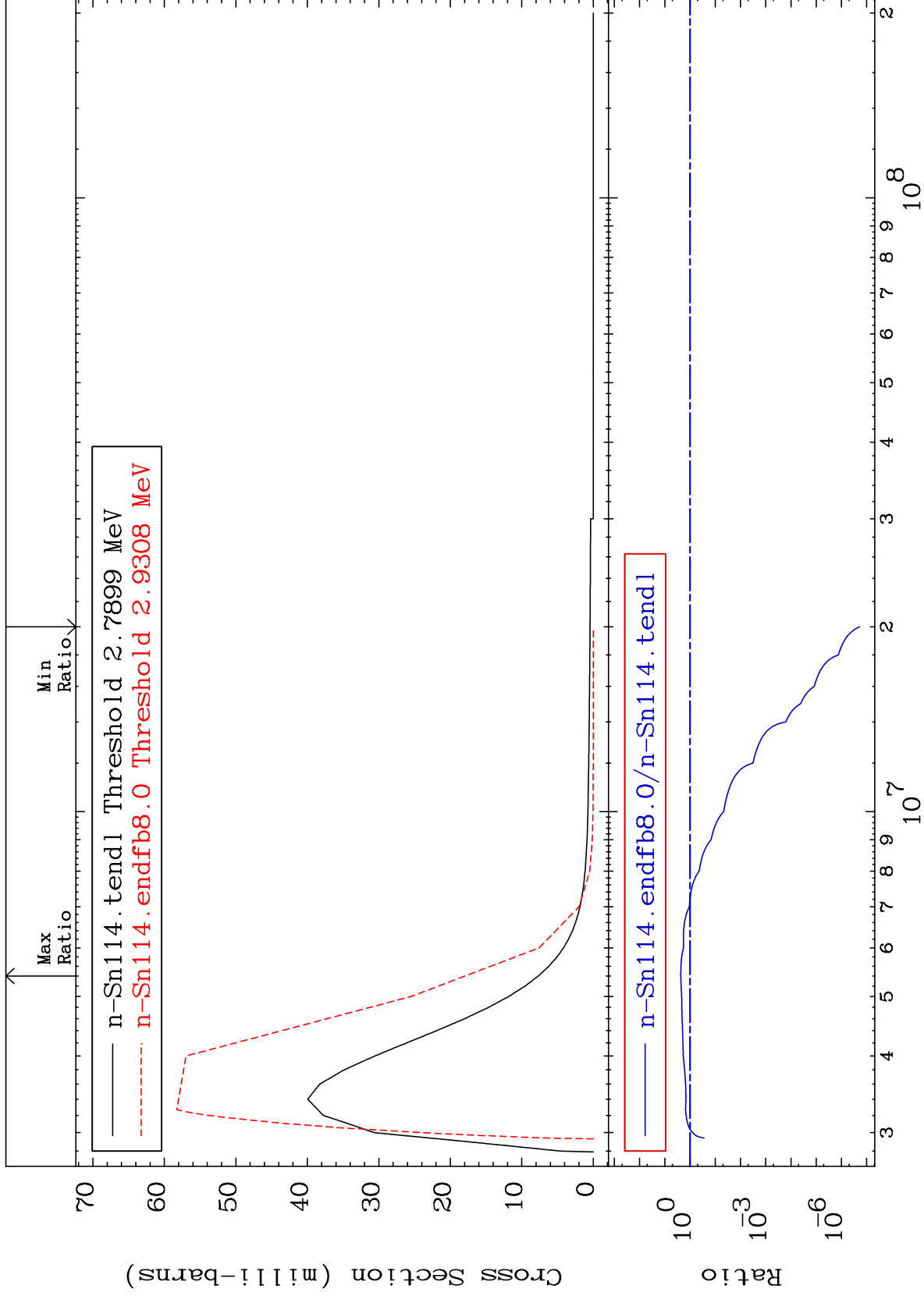
50-Sn-114
-95.20 To 124.6 %



MAT 5031

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

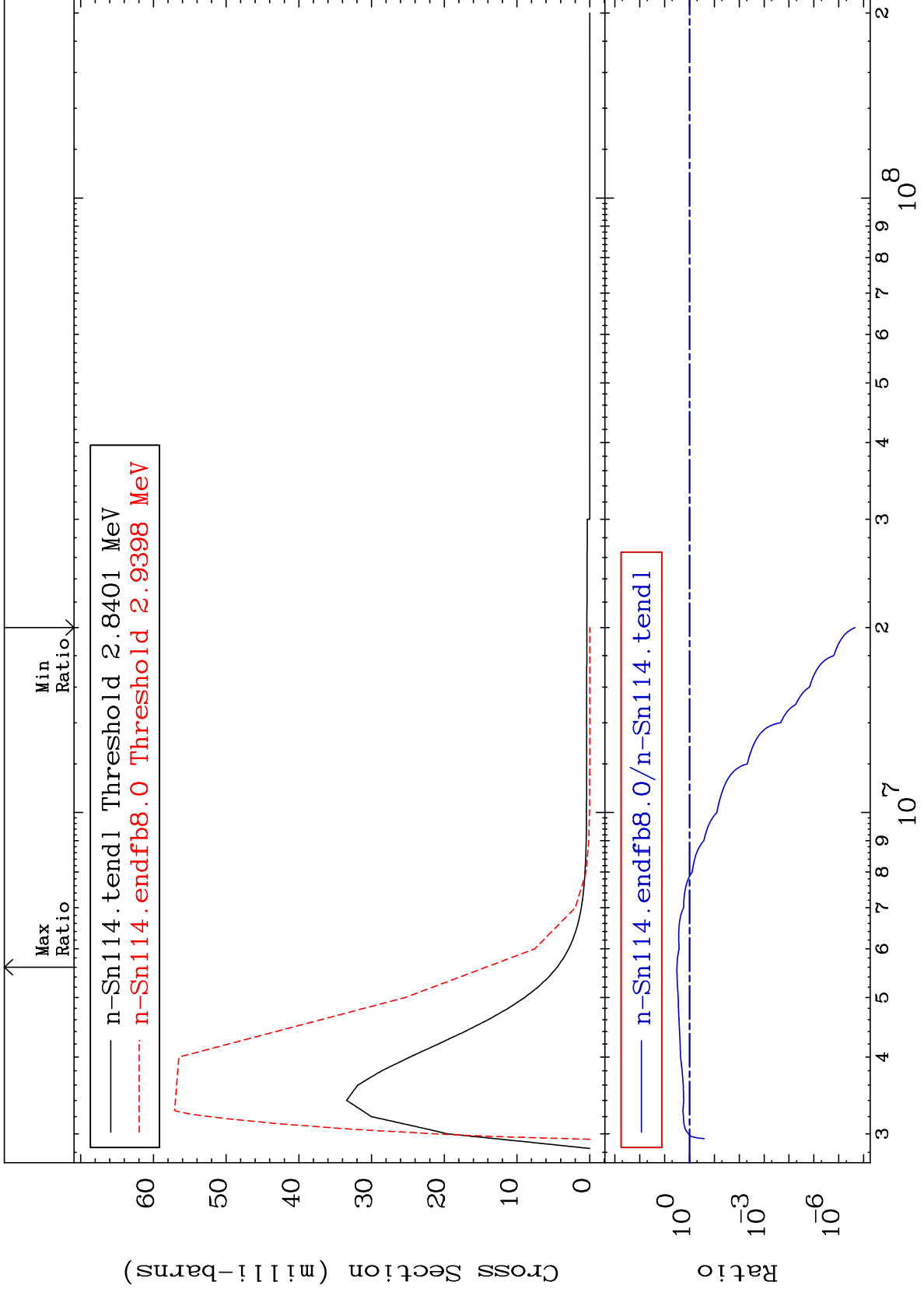
50-Sn-114
-100.0 To 133.5 %



MAT 5031

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

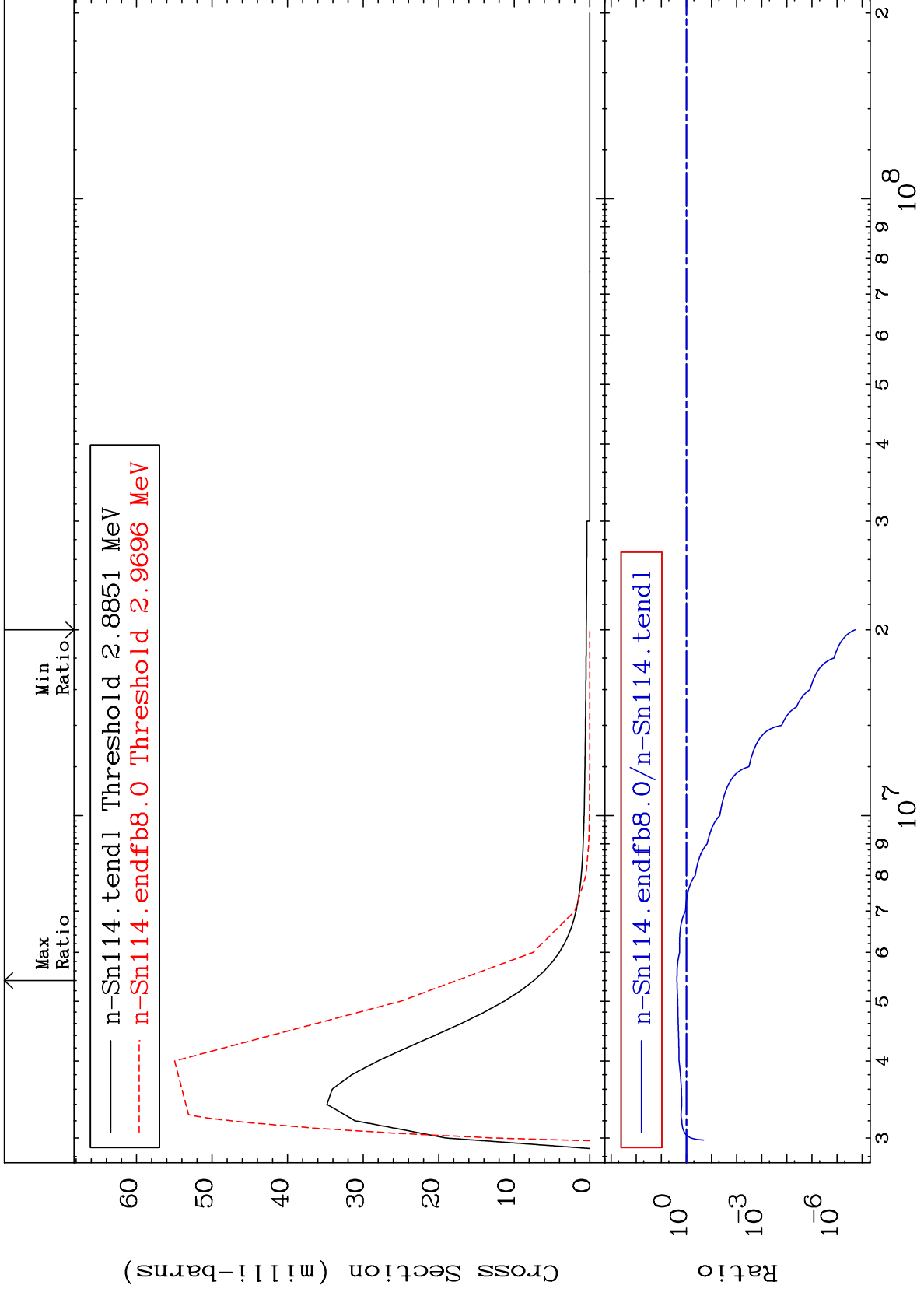
50-Sn-114
-100.0 To 219.1 %



MAT 5031

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

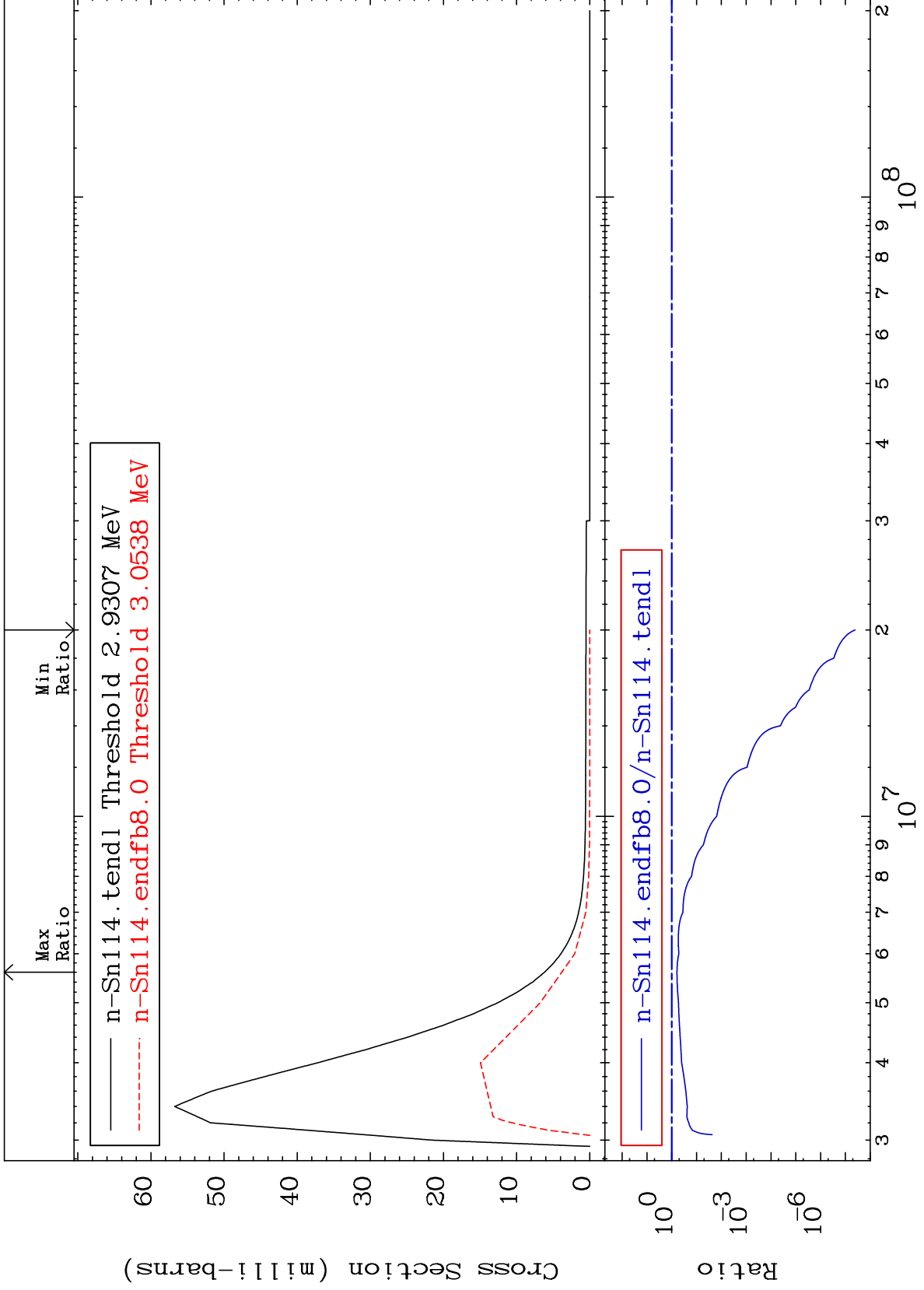
50-Sn-114
-100.0 To 138.5 %



MAT 5031

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

50-Sn-114
-100.0 To -38.01%



25

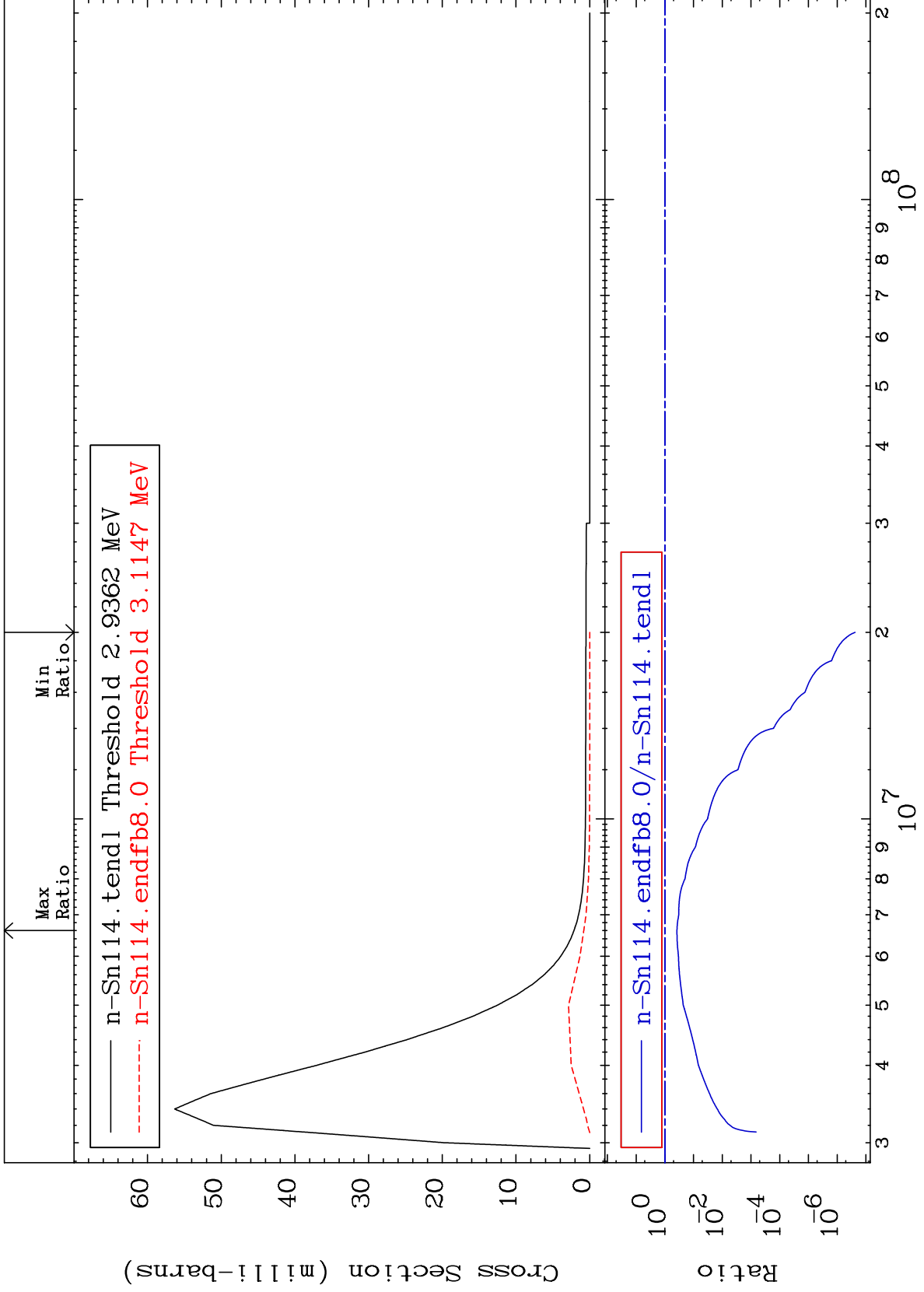
Incident Energy (eV)

50-Sn-114

MAT 5031

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

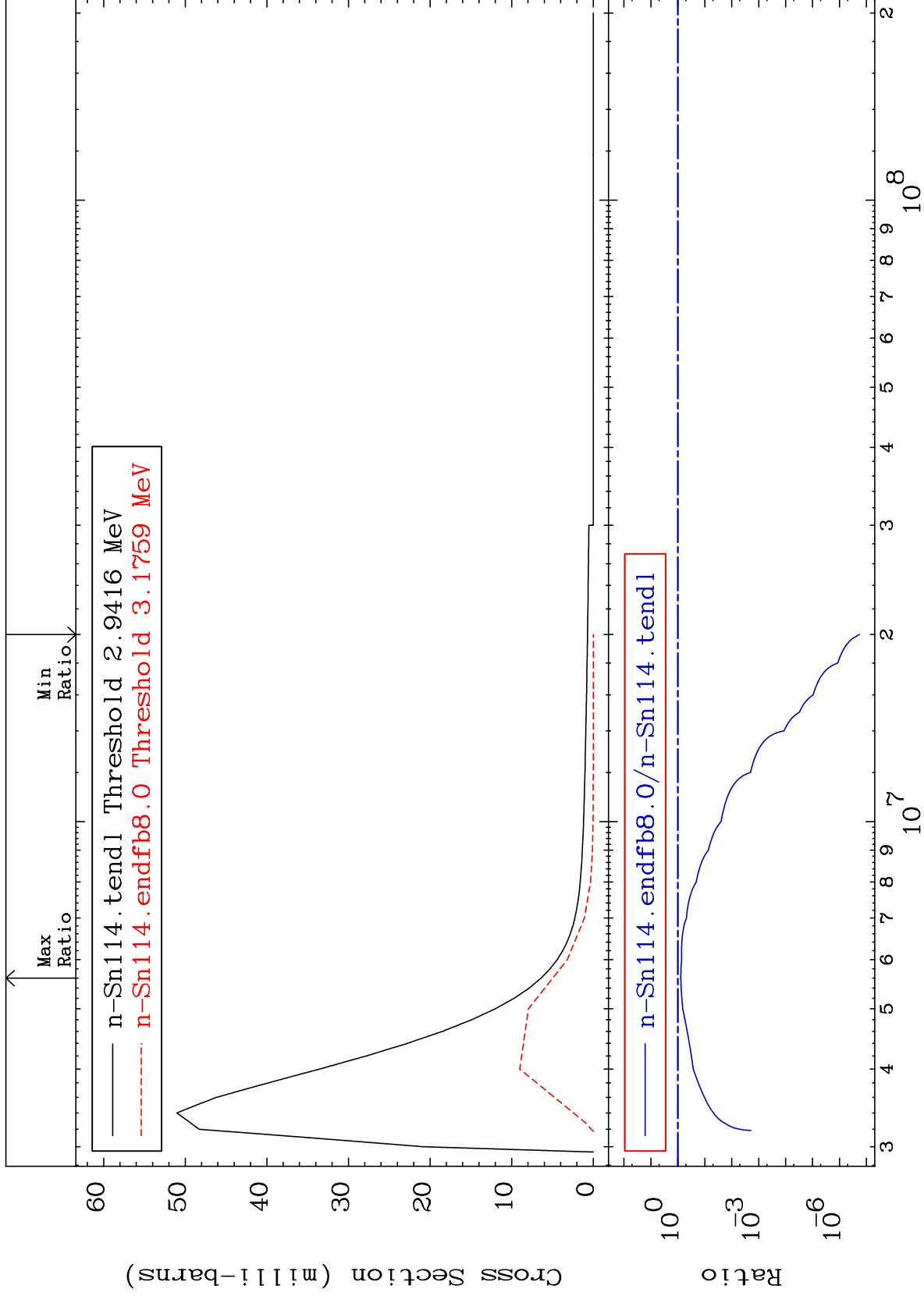
50-Sn-114
-100.0 To -62.03%



MAT 5031

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

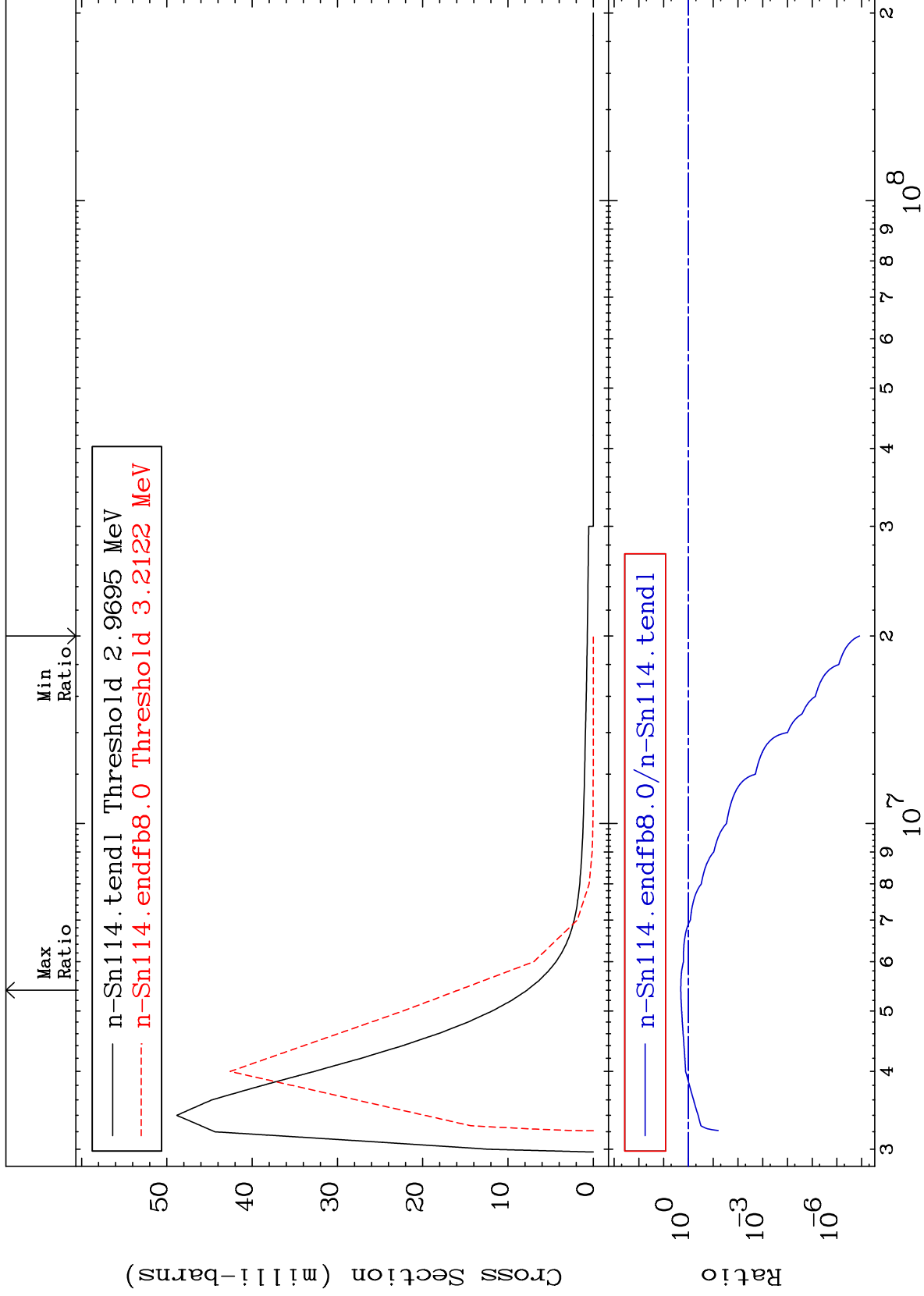
50-Sn-114
-100.0 To -22.14%



MAT 5031

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

50-Sn-114
-100.0 To 104.2 %



28

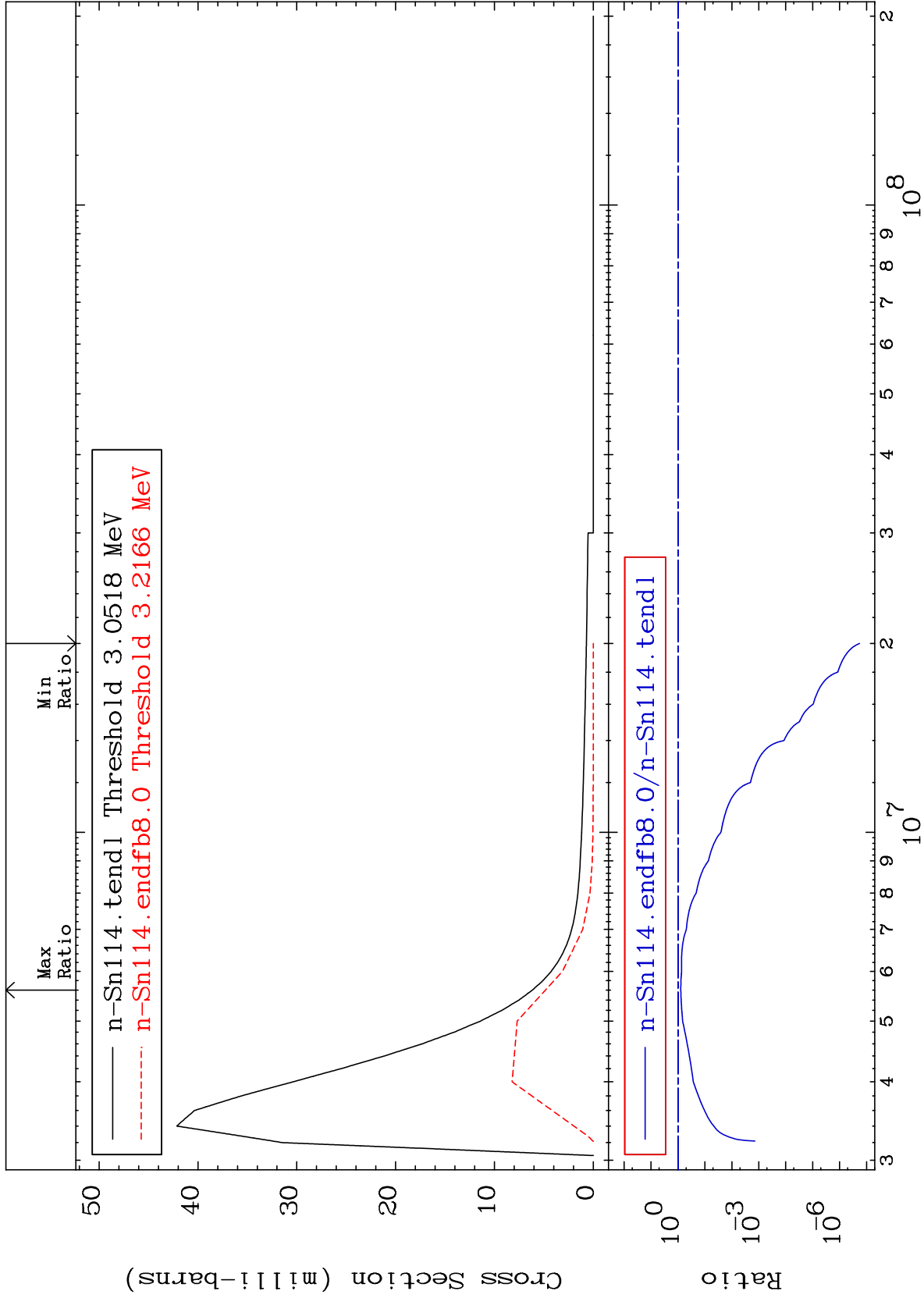
Incident Energy (eV)

50-Sn-114

MAT 5031

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

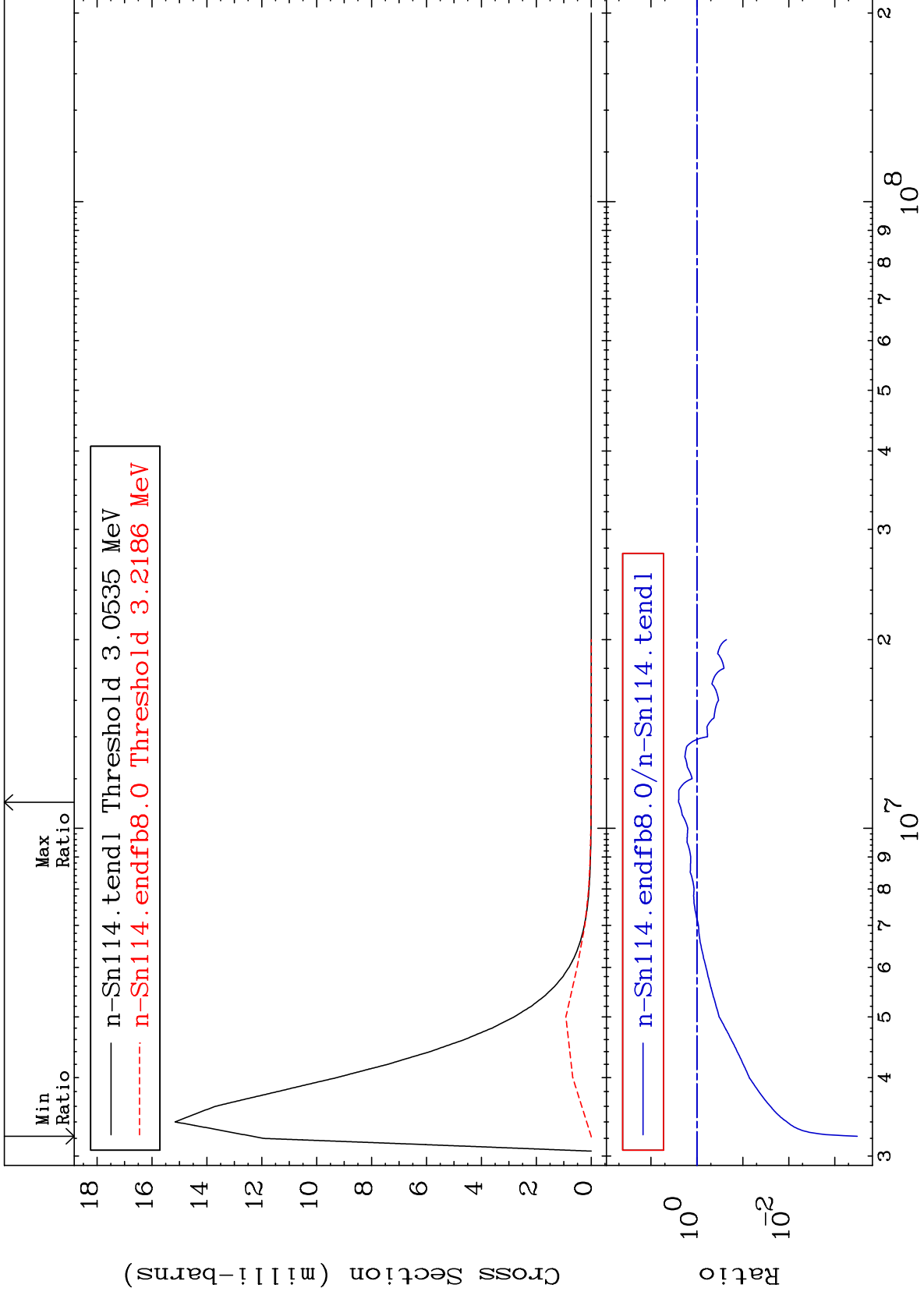
50-Sn-114
-100.0 To -21.27%



MAT 5031

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

50-Sn-114
-99.97 To 149.9 %



30

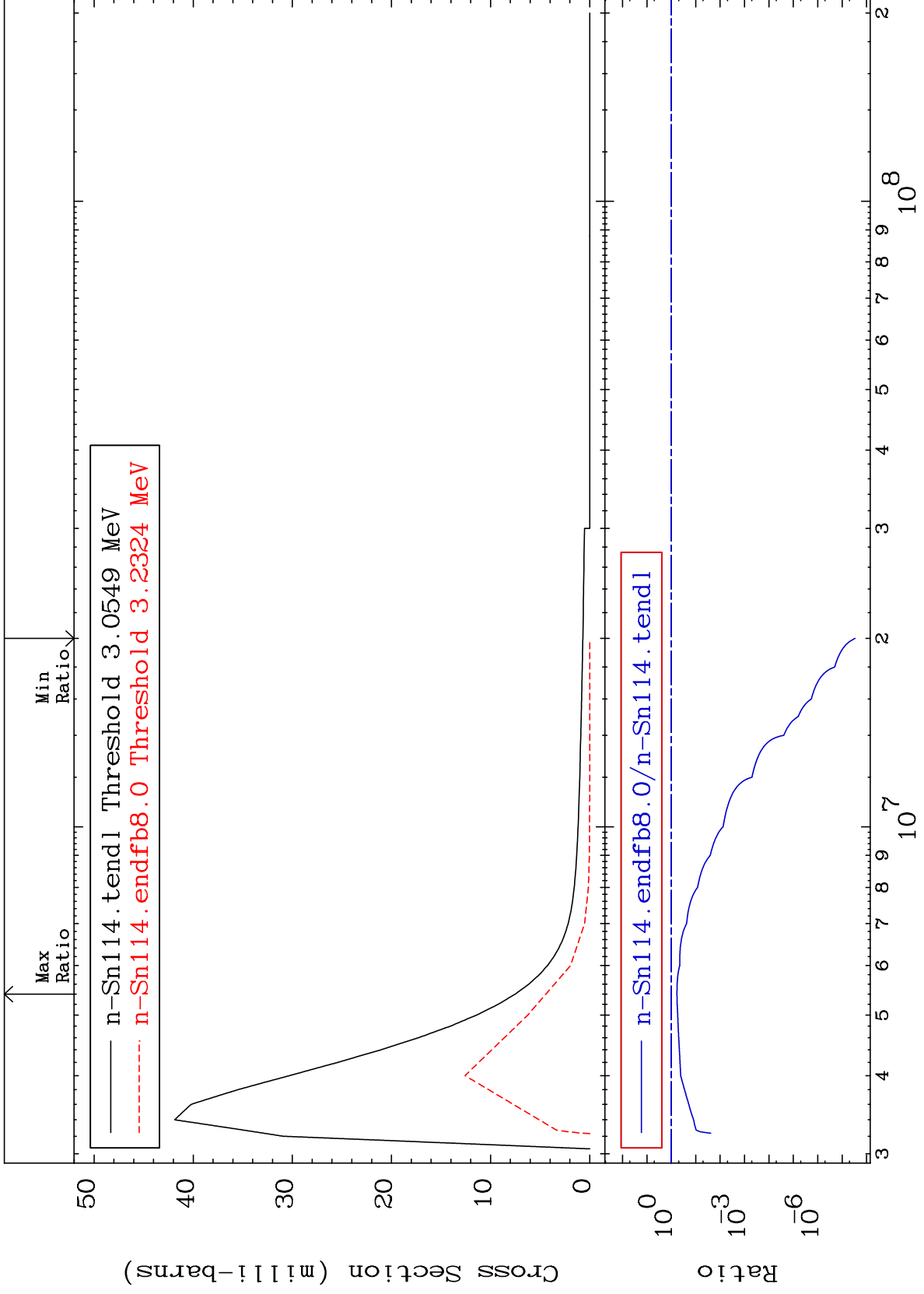
Incident Energy (eV)

50-Sn-114

MAT 5031

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

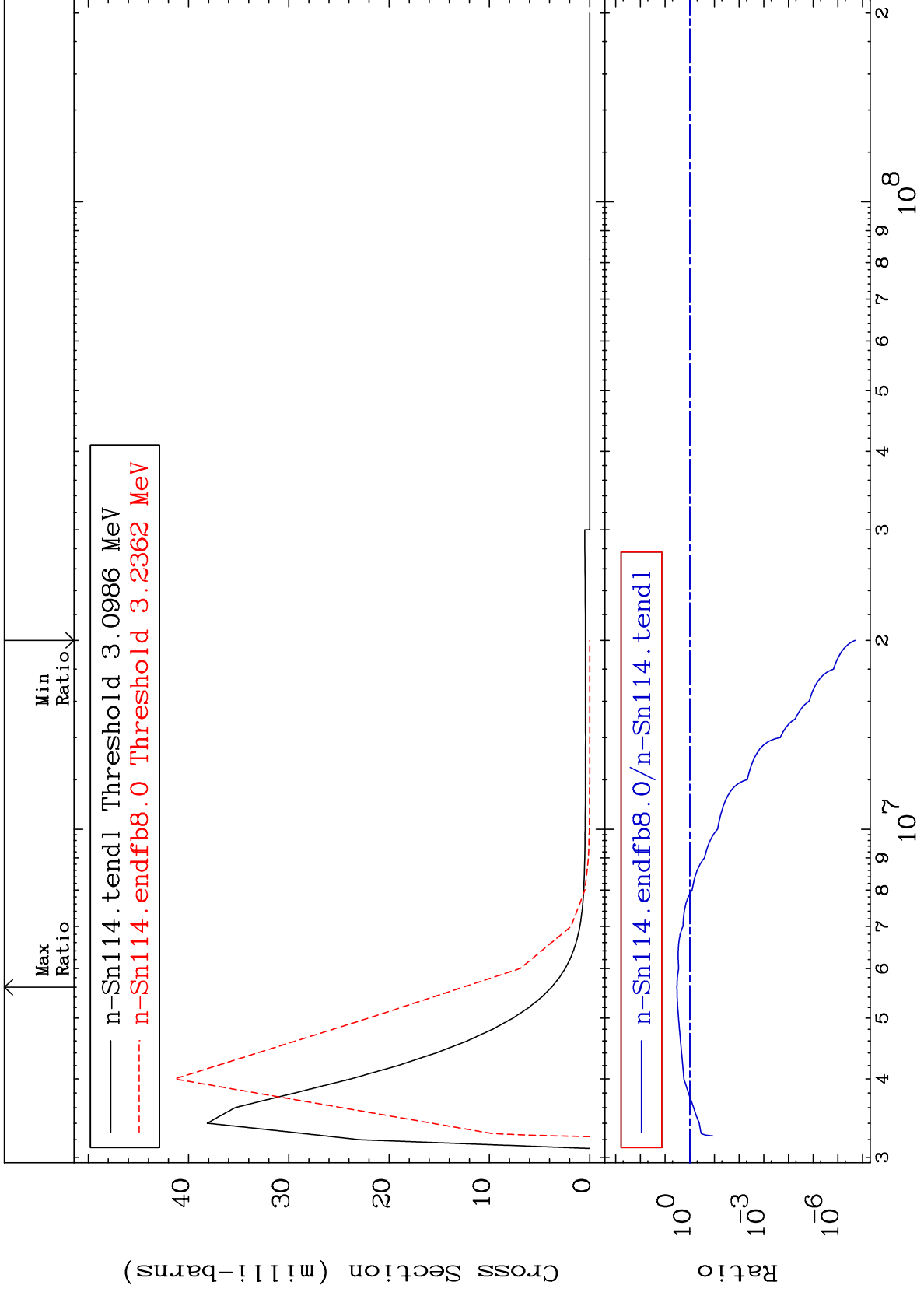
50-Sn-114
-100.0 To -41.13%



MAT 5031

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

50-Sn-114
-100.0 To 232.8 %



32

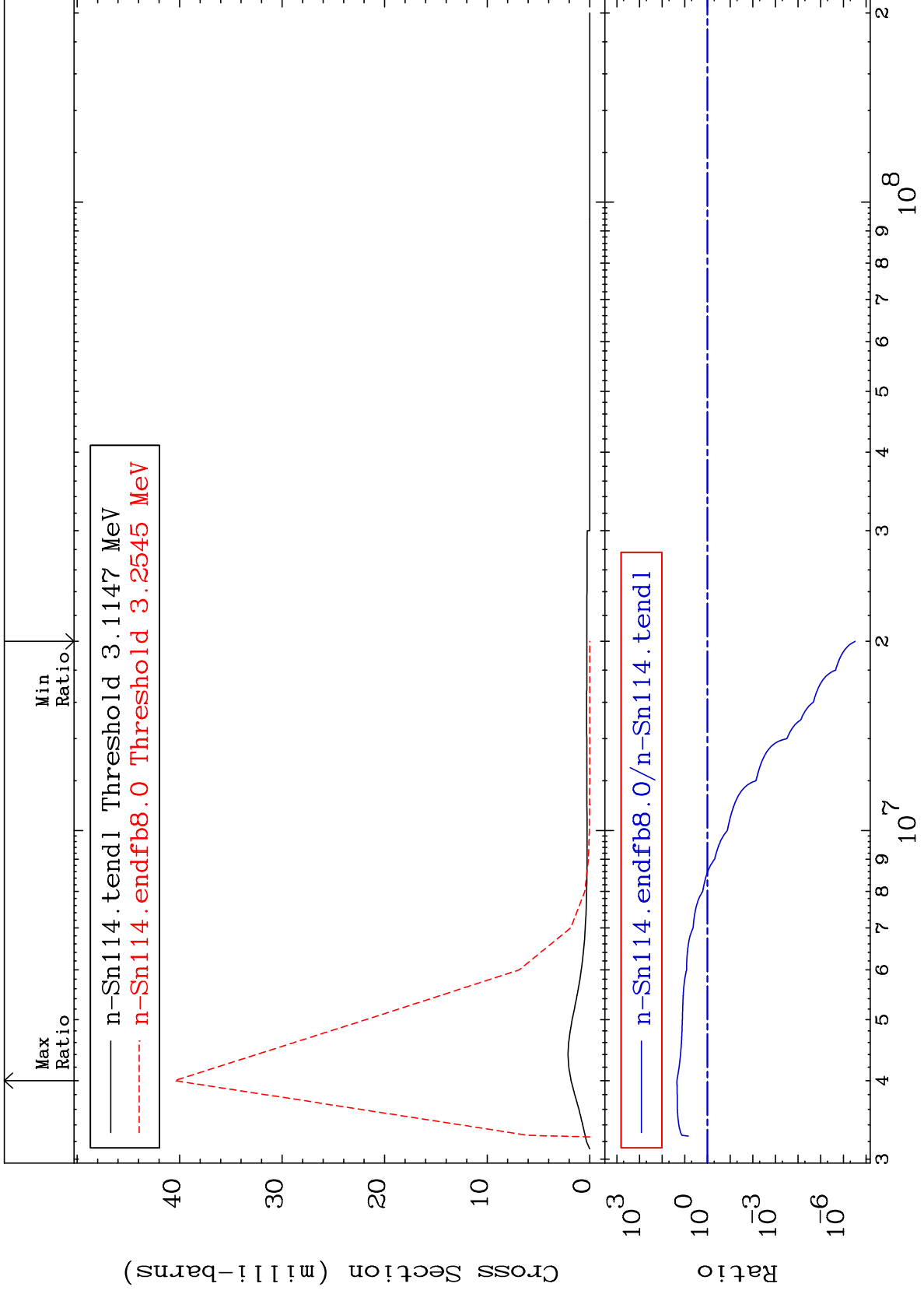
Incident Energy (eV)

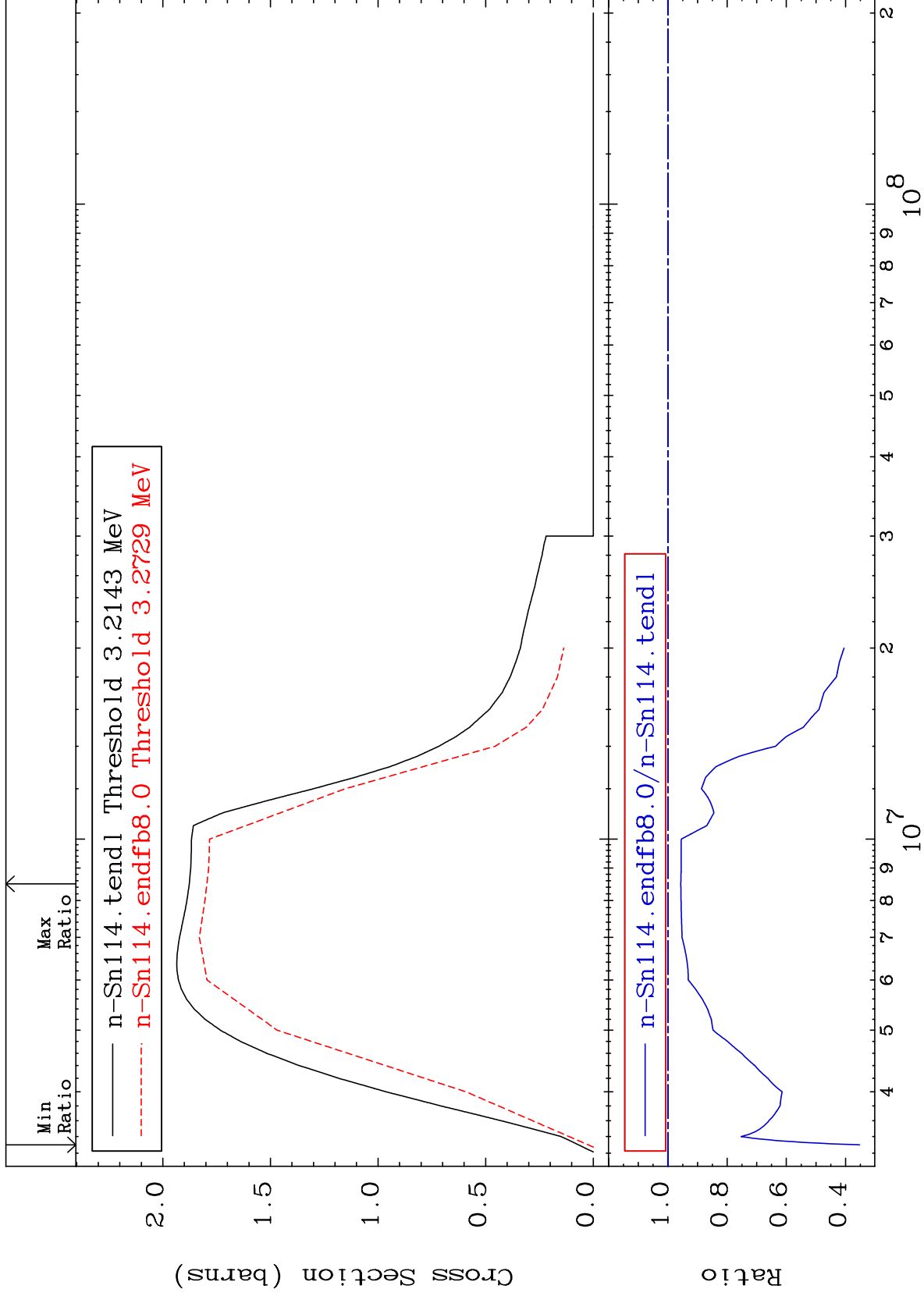
50-Sn-114

MAT 5031

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

50-Sn-114
-100.0 To 2128. %

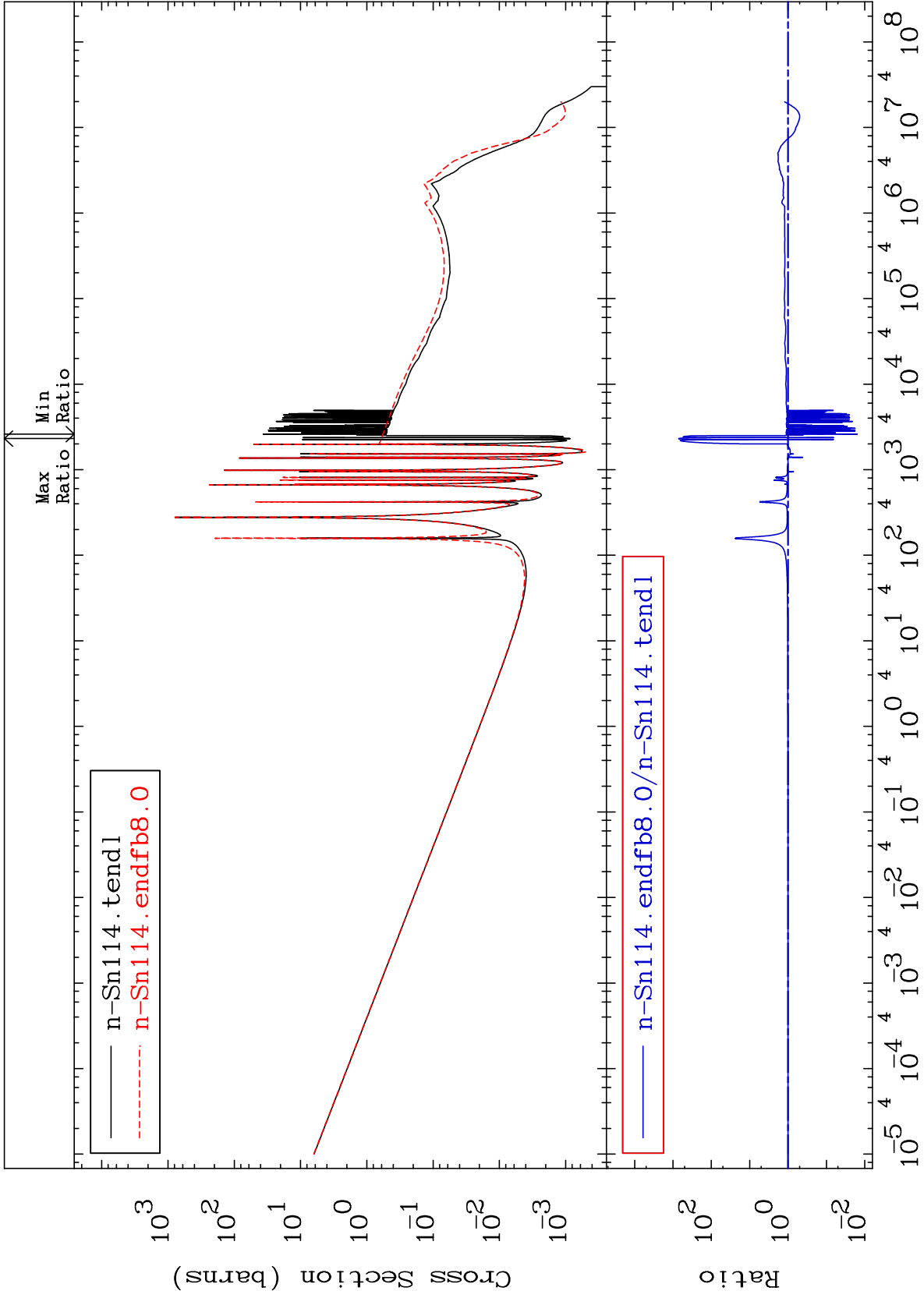




MAT 5031

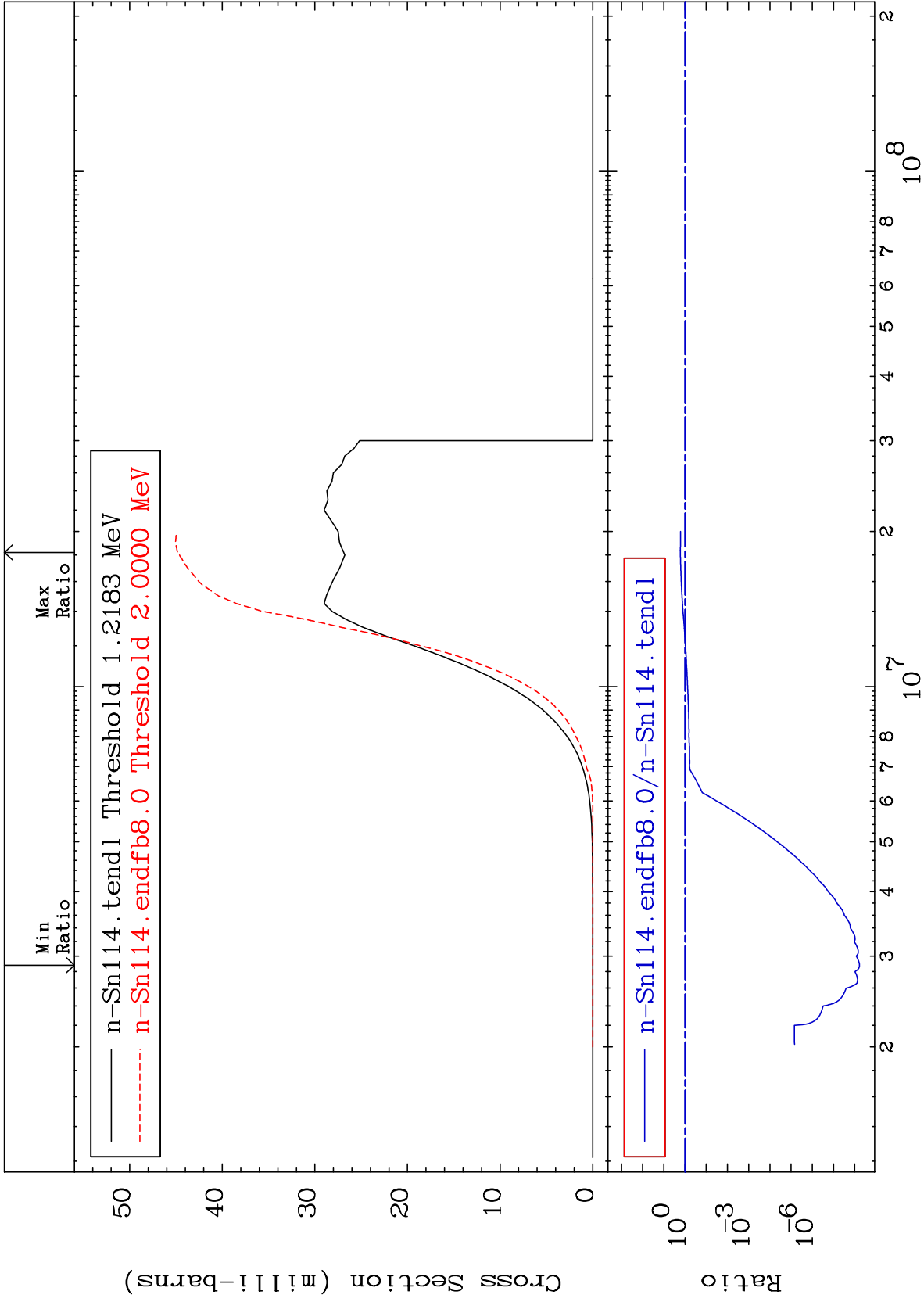
(n, γ)
Cross Section

50-Sn-114
-98.43 To 9999. %



MAT 5031

(n,p)
Cross Section
50-Sn-114
-100.0 To 66.74 %



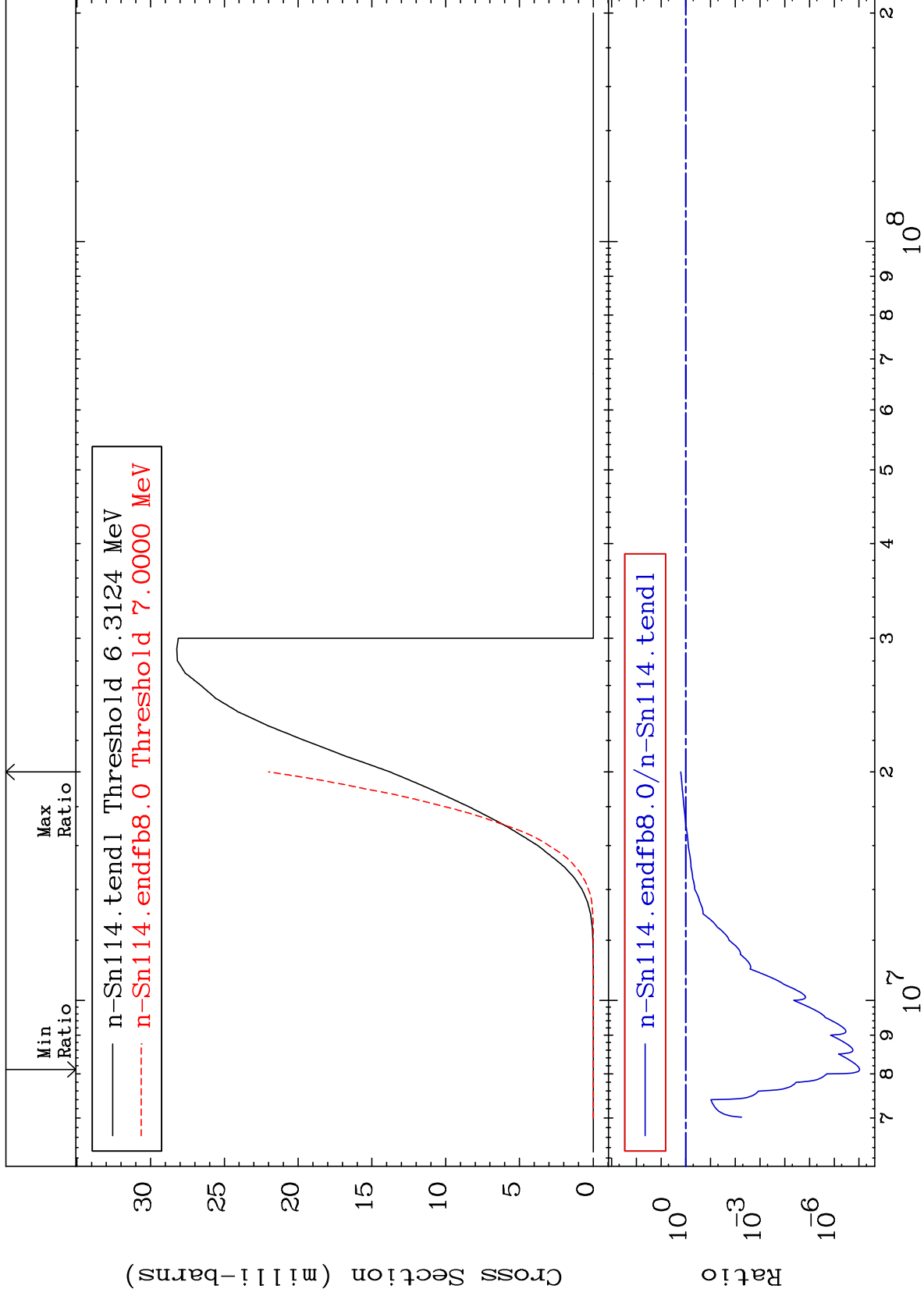
MAT 5031

(n, d)

50-Sn-114

Cross Section

-100.0 To 59.74 %



37

Incident Energy (eV)

50-Sn-114

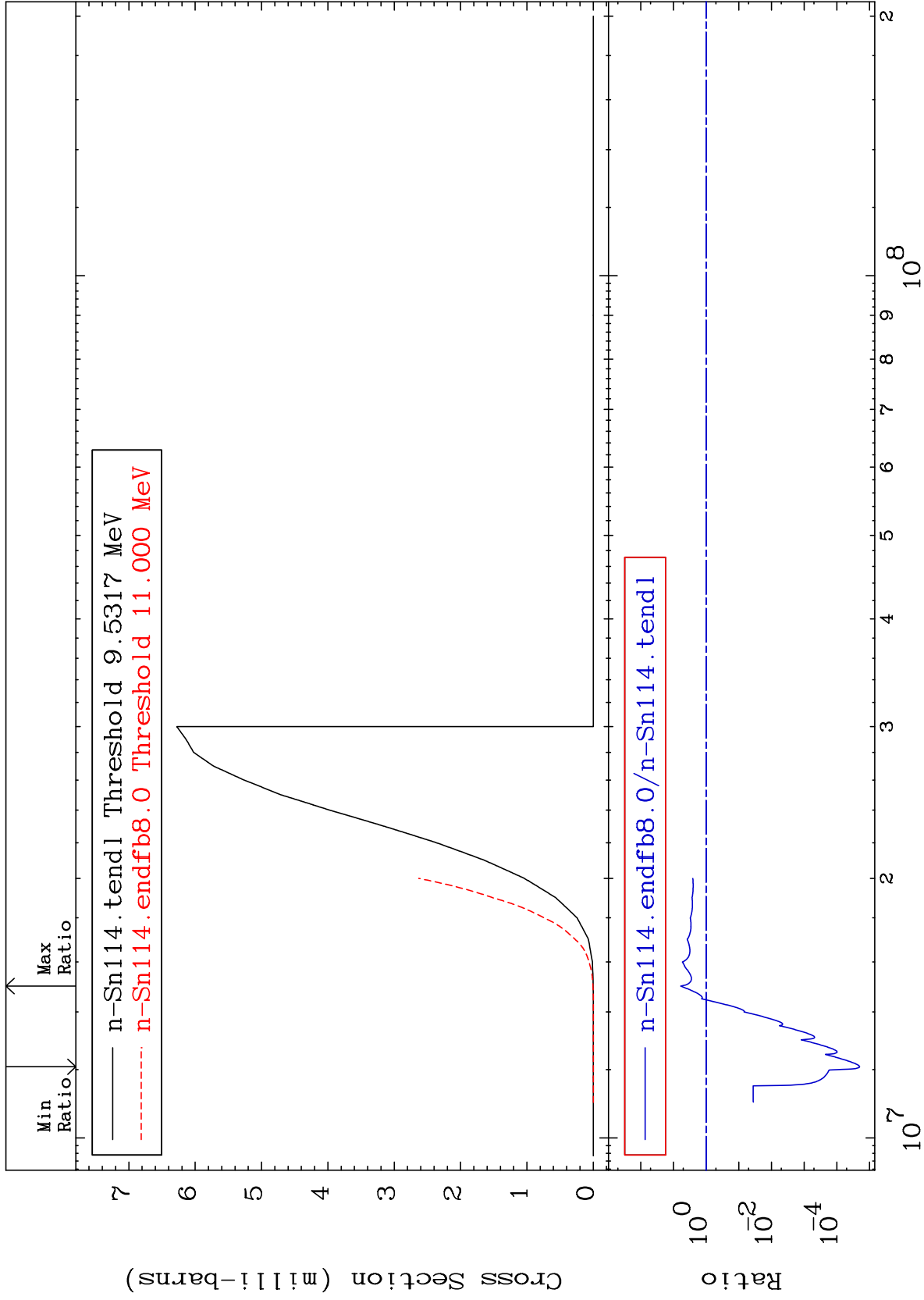
MAT 5031

(n, t)

50-Sn-114

Cross Section

-100.0 To 494.0 %



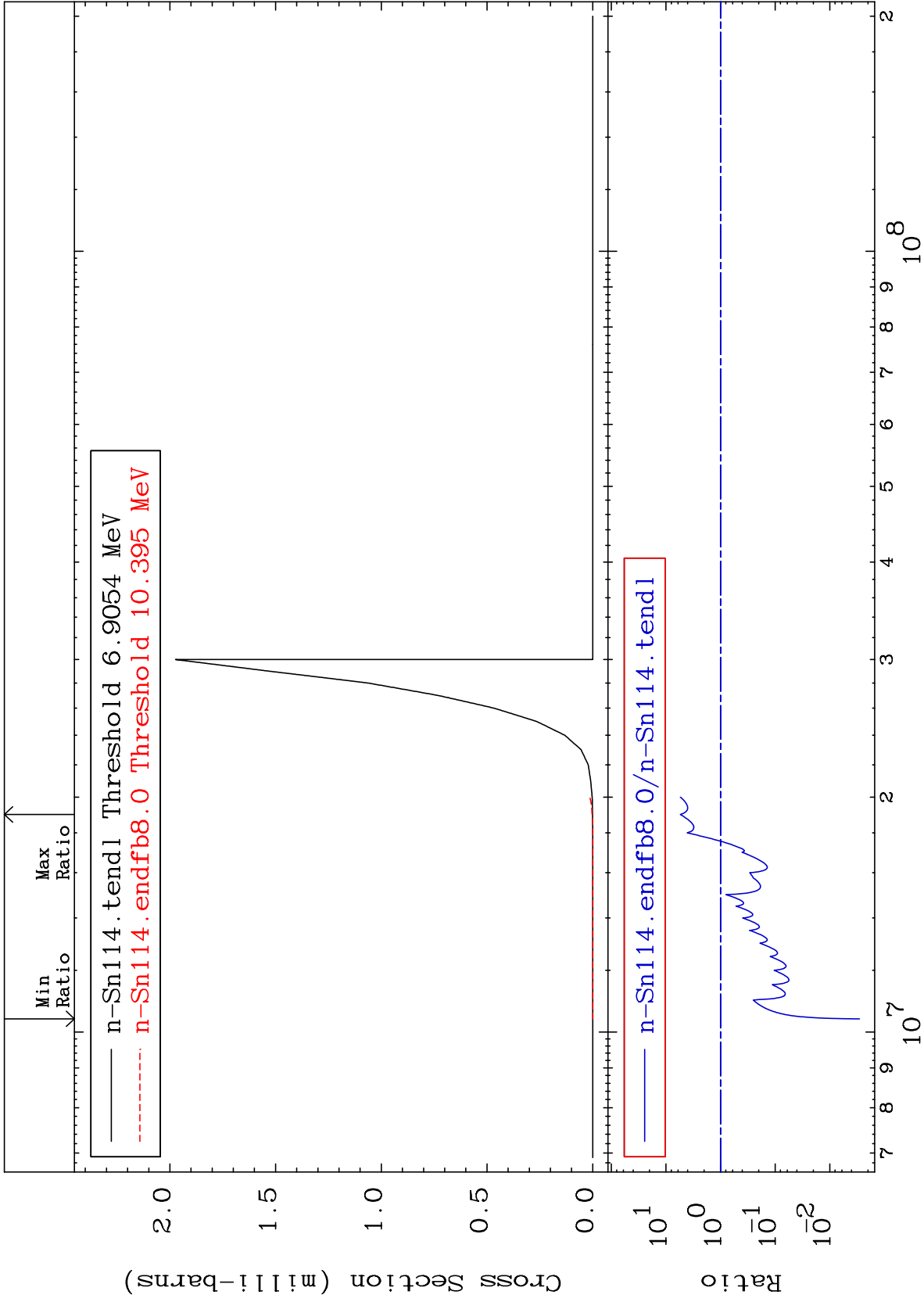
38

Incident Energy (eV)

50-Sn-114

Cross Section

-99.71 To 445.2 %

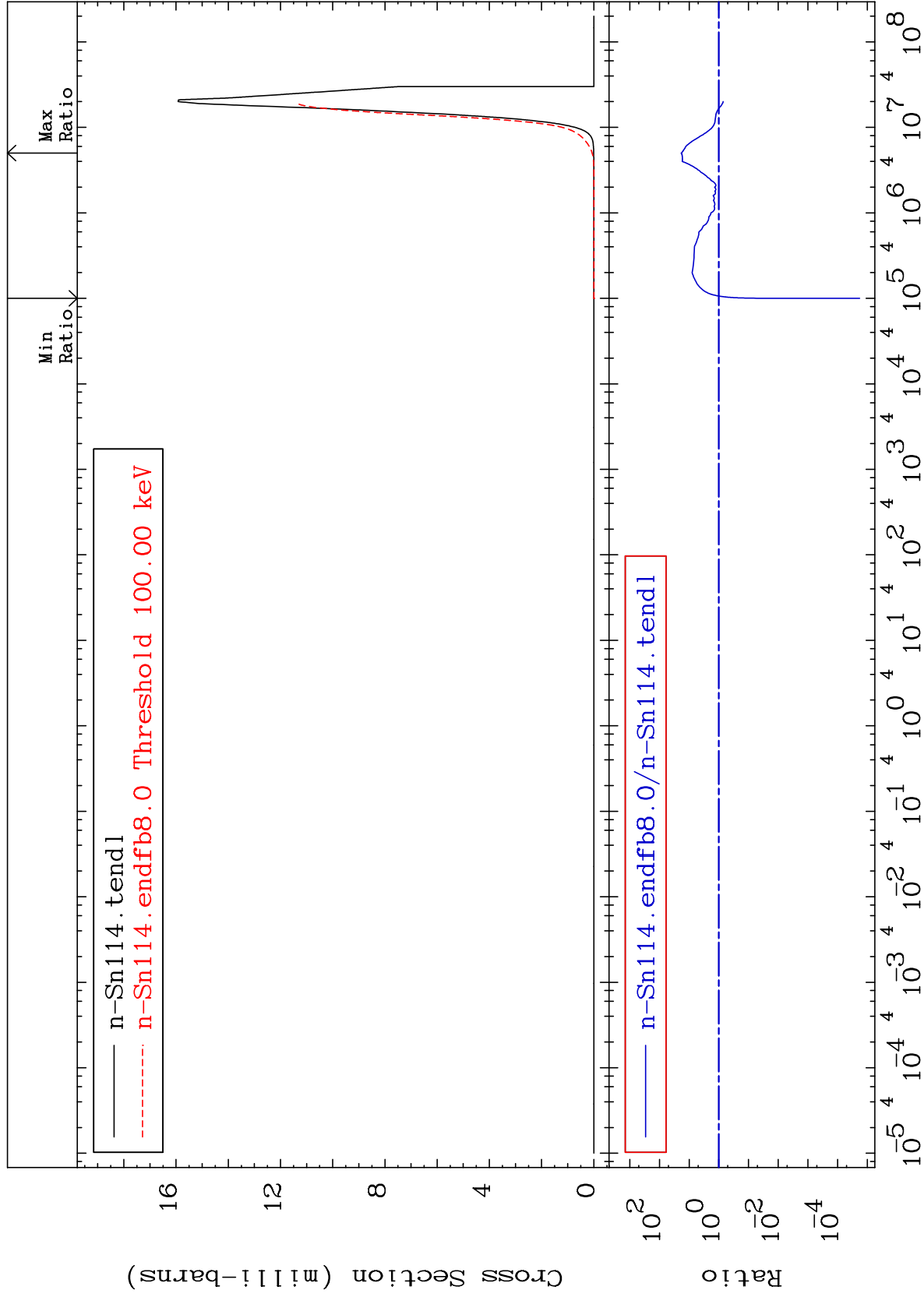


MAT 5031

(n, α)
Cross Section

50-Sn-114

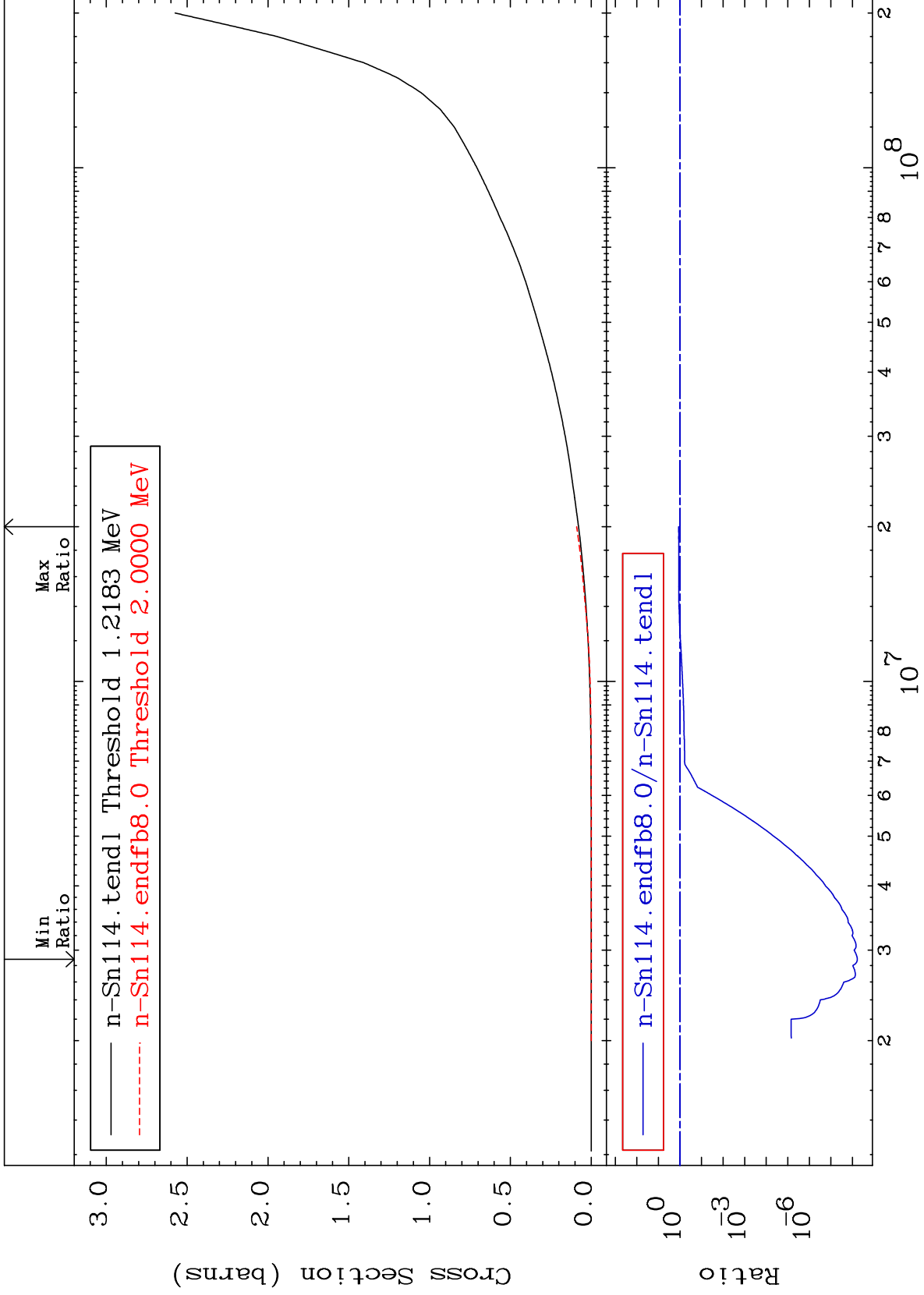
-100.0 To 1755. %



Incident Energy (eV)

50-Sn-114

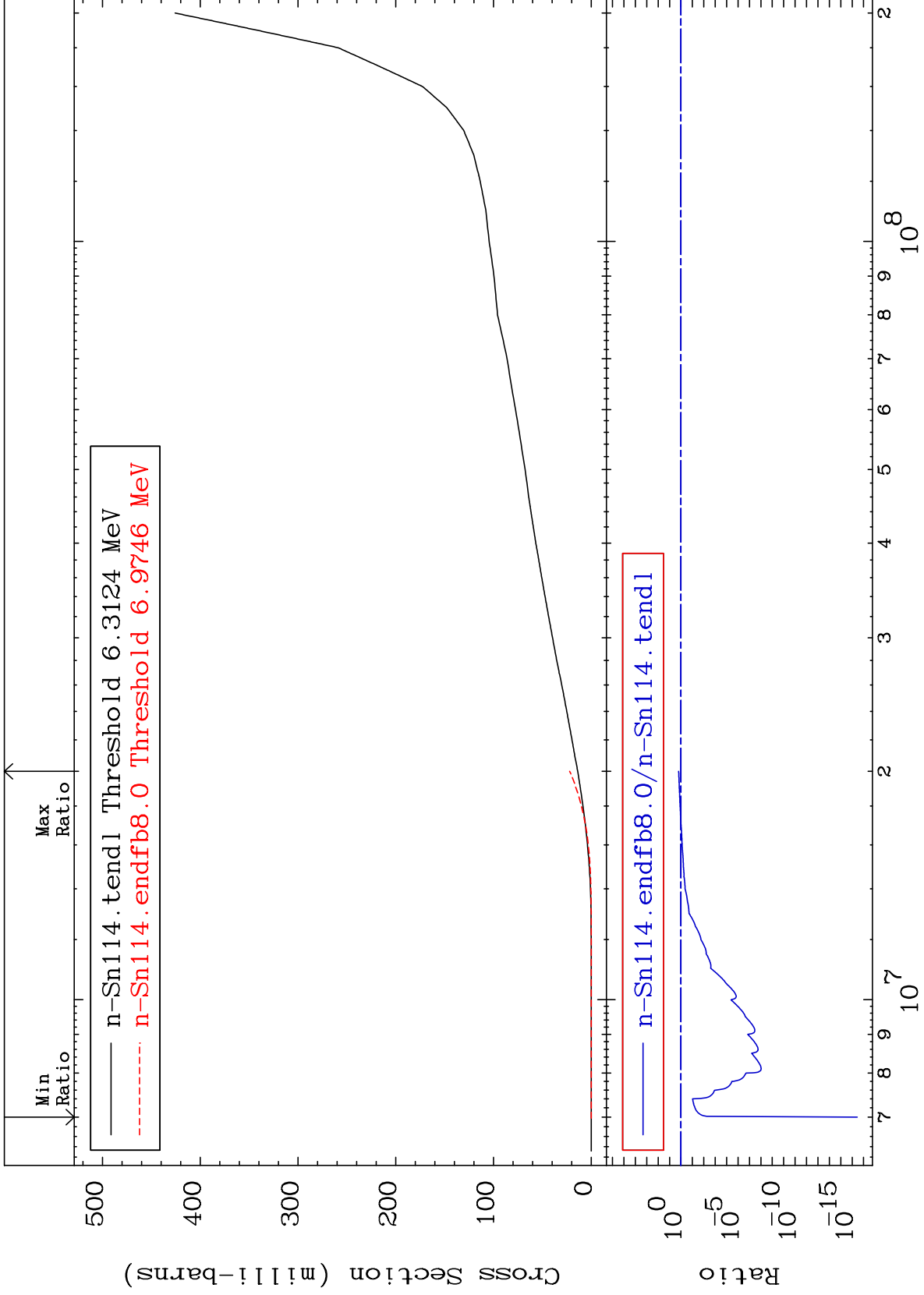
40



MAT 5031

Deuterium Production
Cross Section

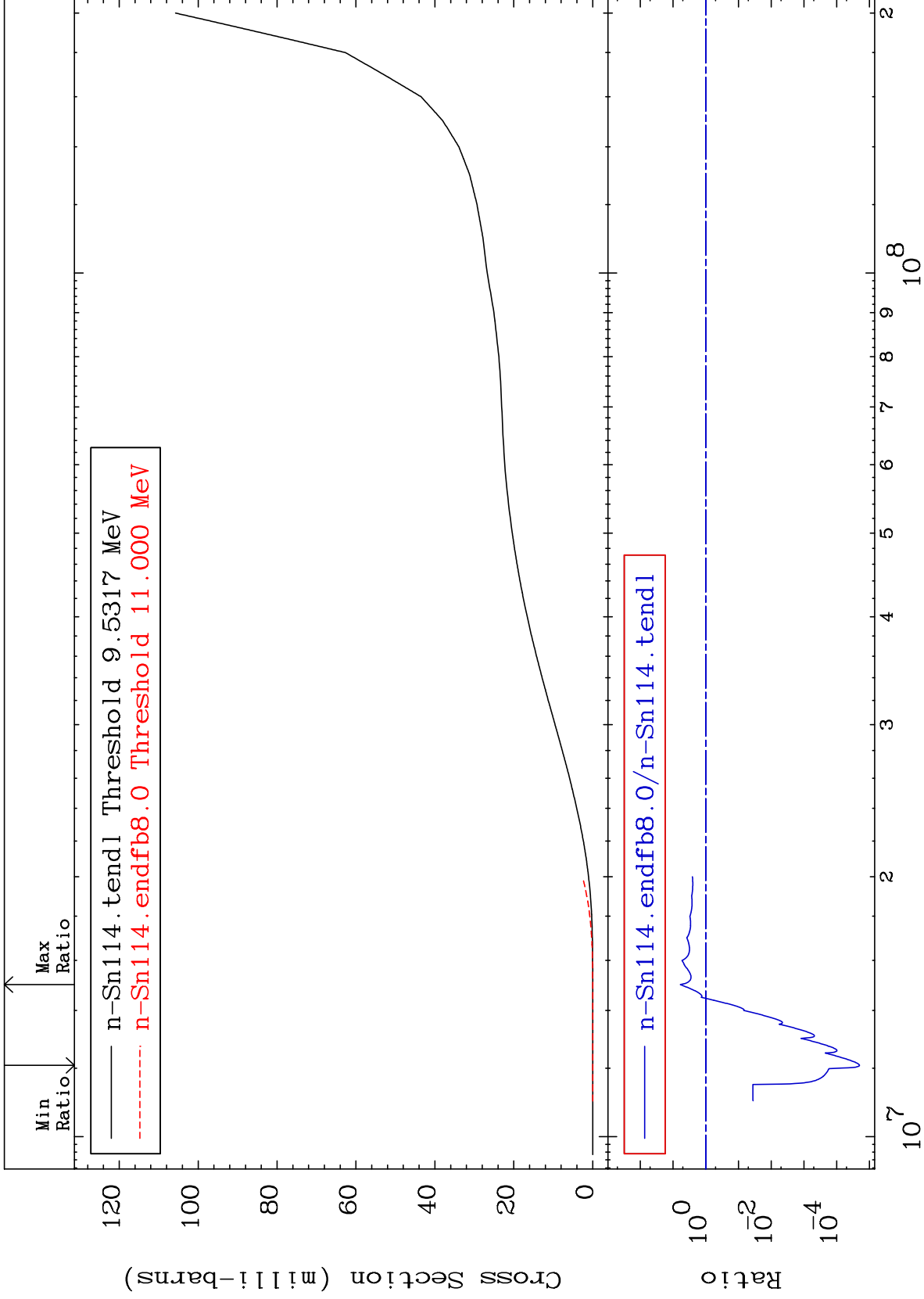
50-Sn-114
-100.0 To 59.73 %



MAT 5031

Tritium Production
Cross Section

50-Sn-114
-100.0 To 494.0 %



43

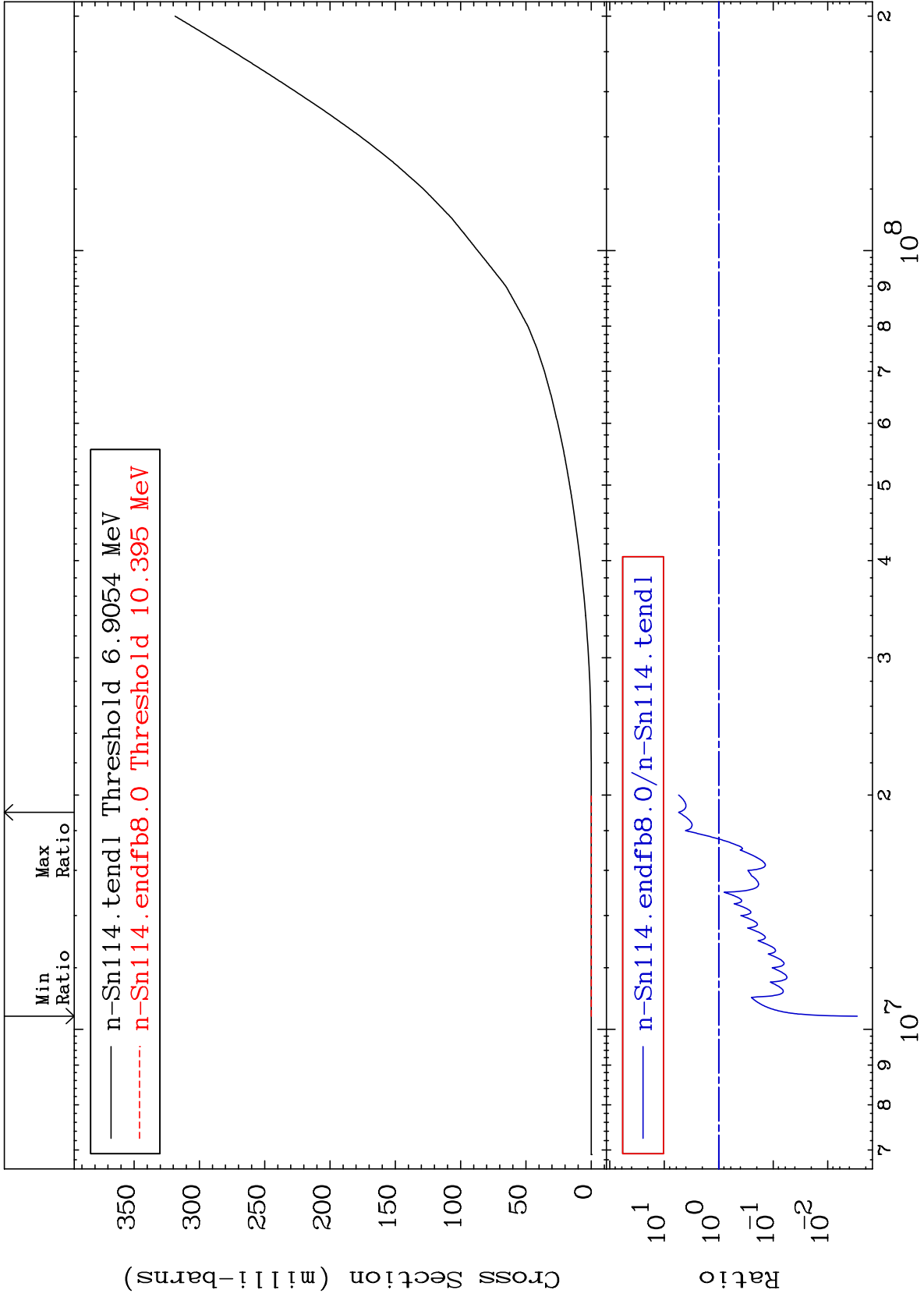
Incident Energy (eV)

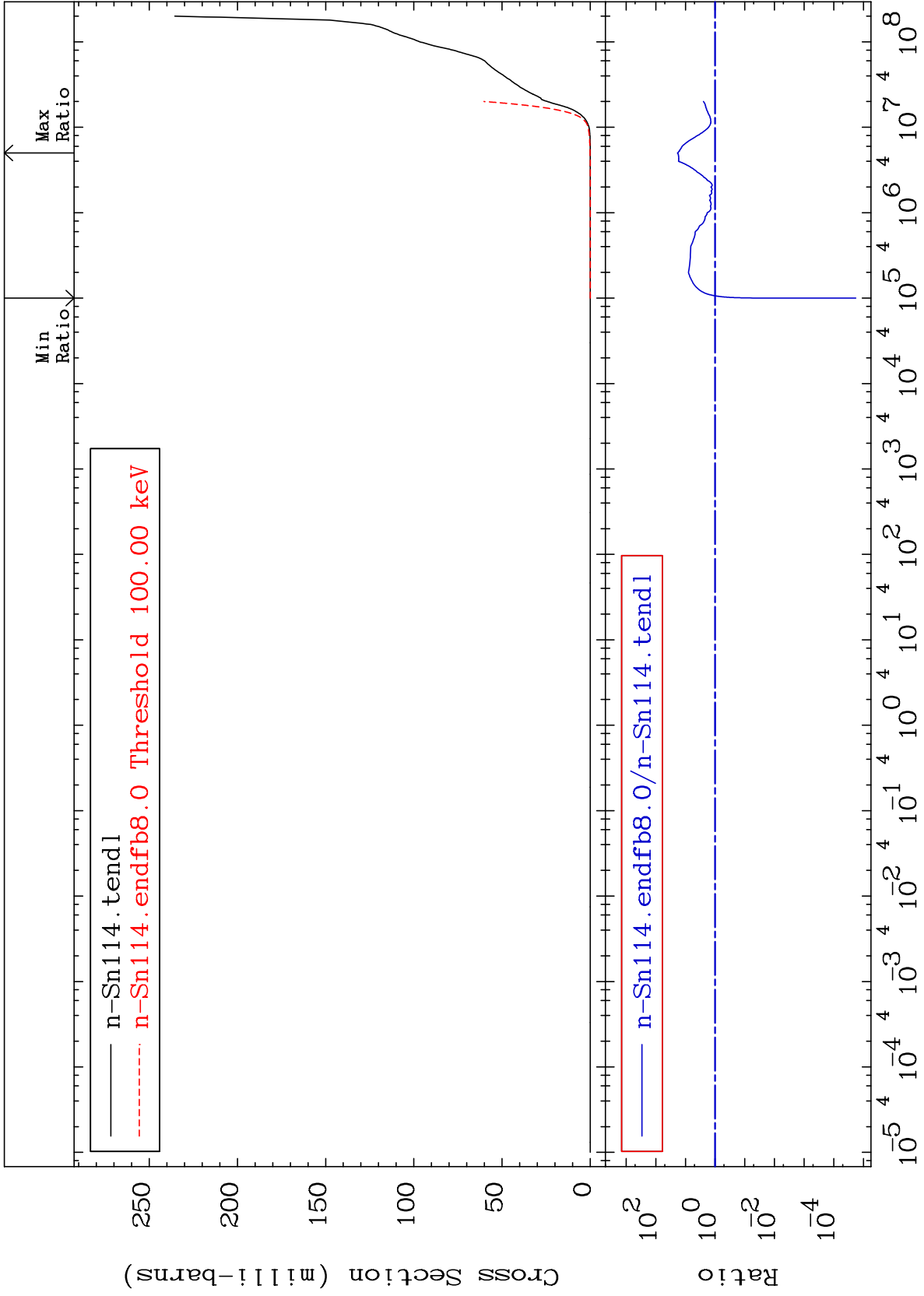
50-Sn-114

MAT 5031

He-3 Production
Cross Section

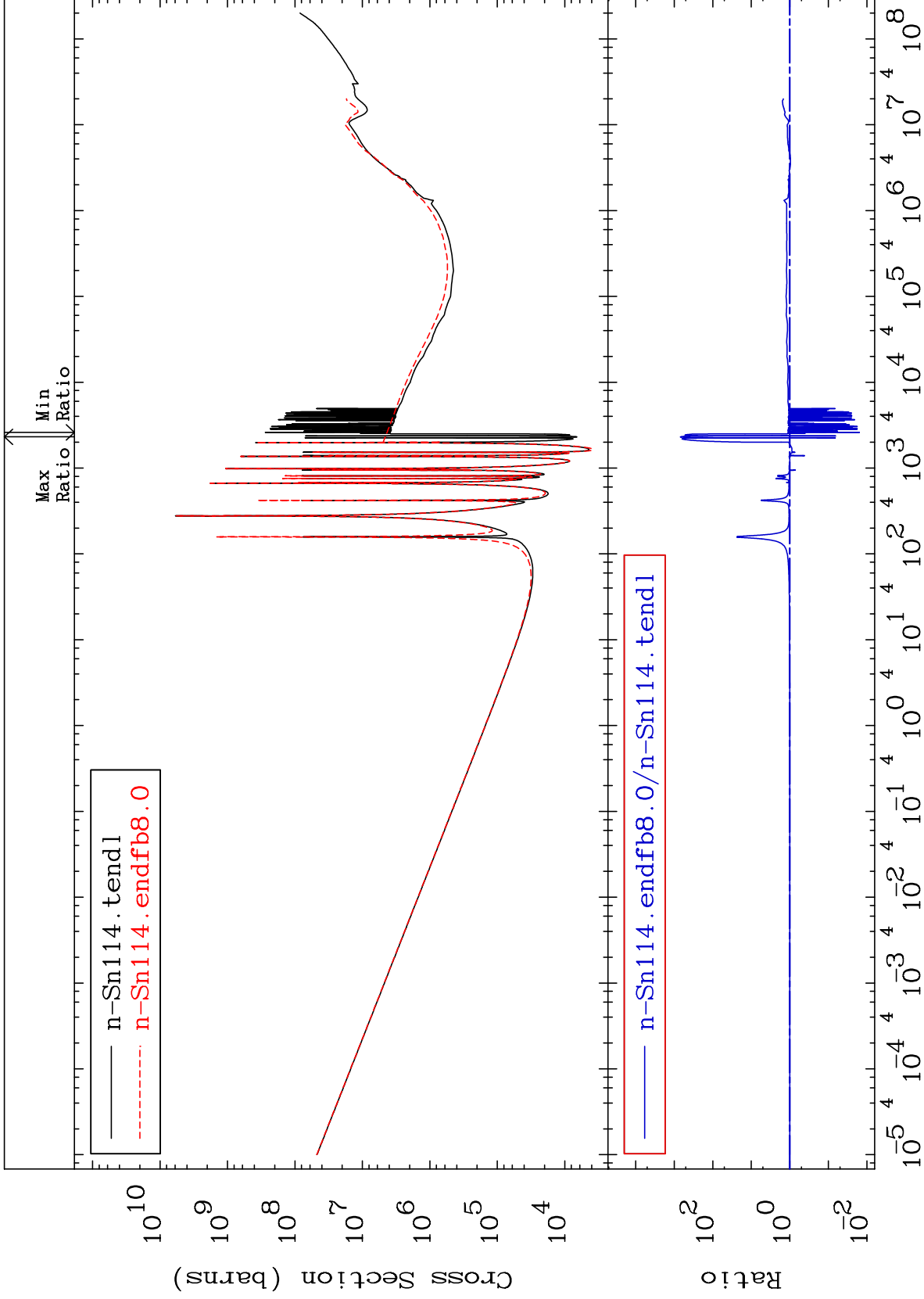
50-Sn-114
-99.71 To 445.2 %





Cross Section

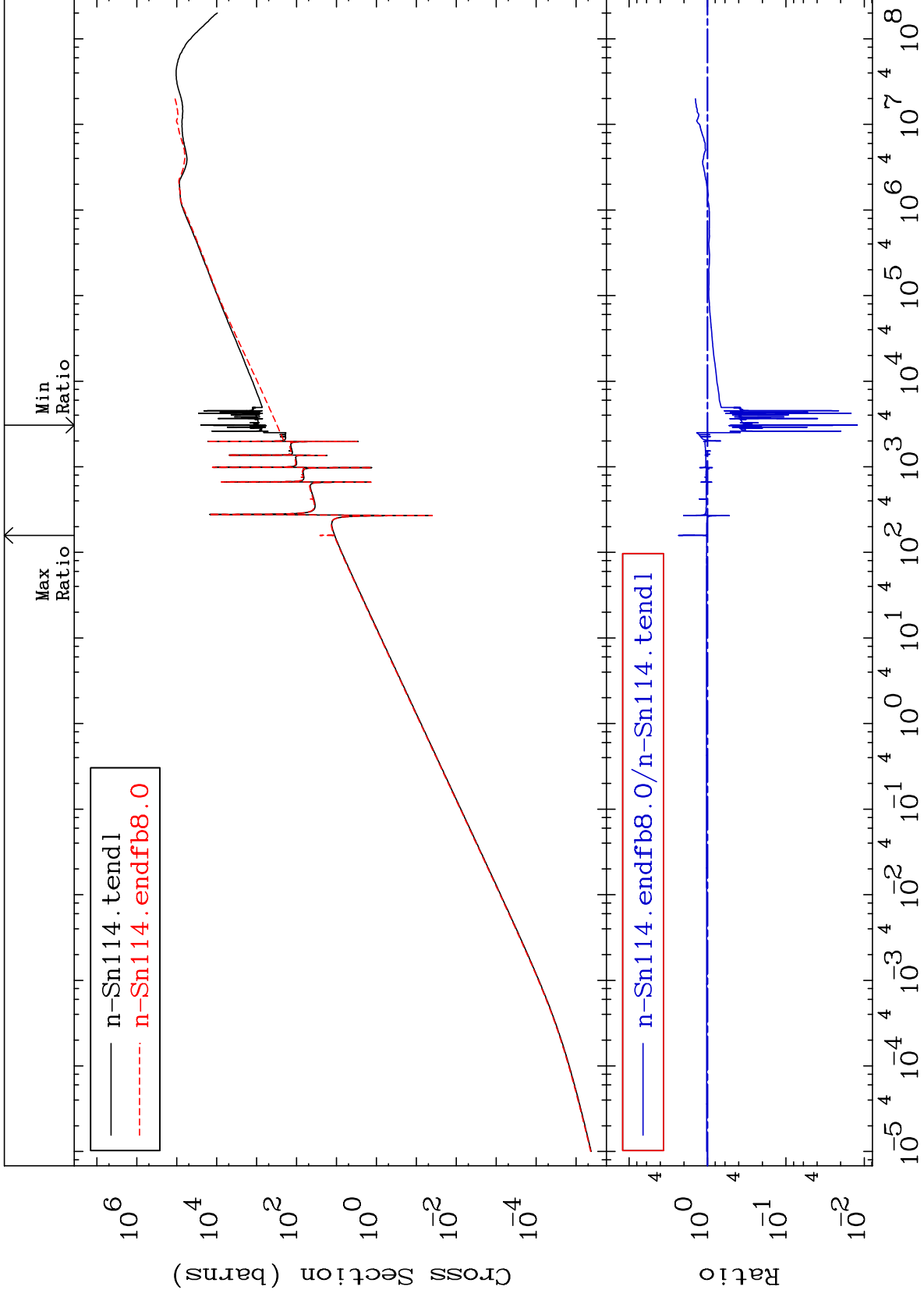
-98.43 To 9999. %

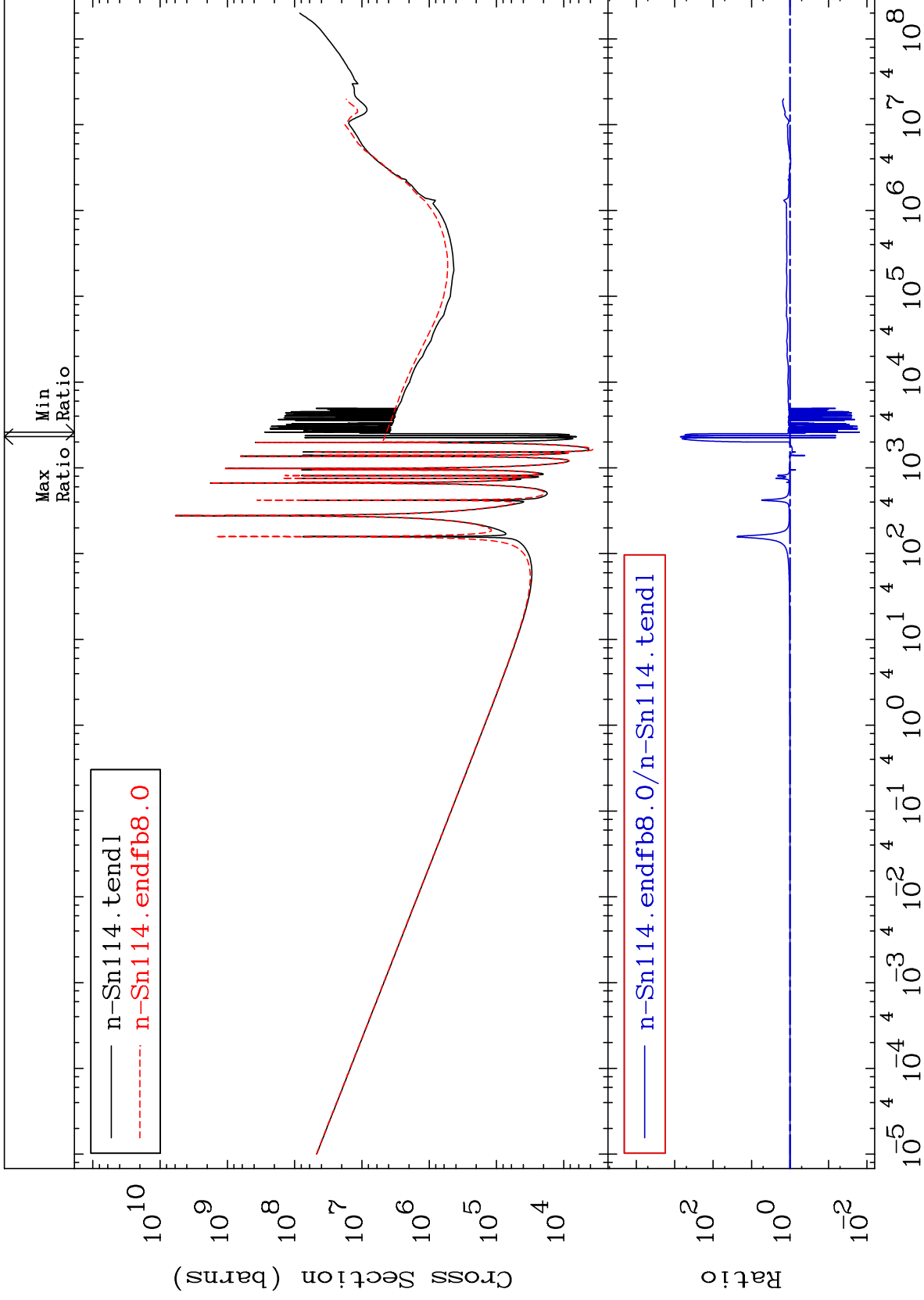


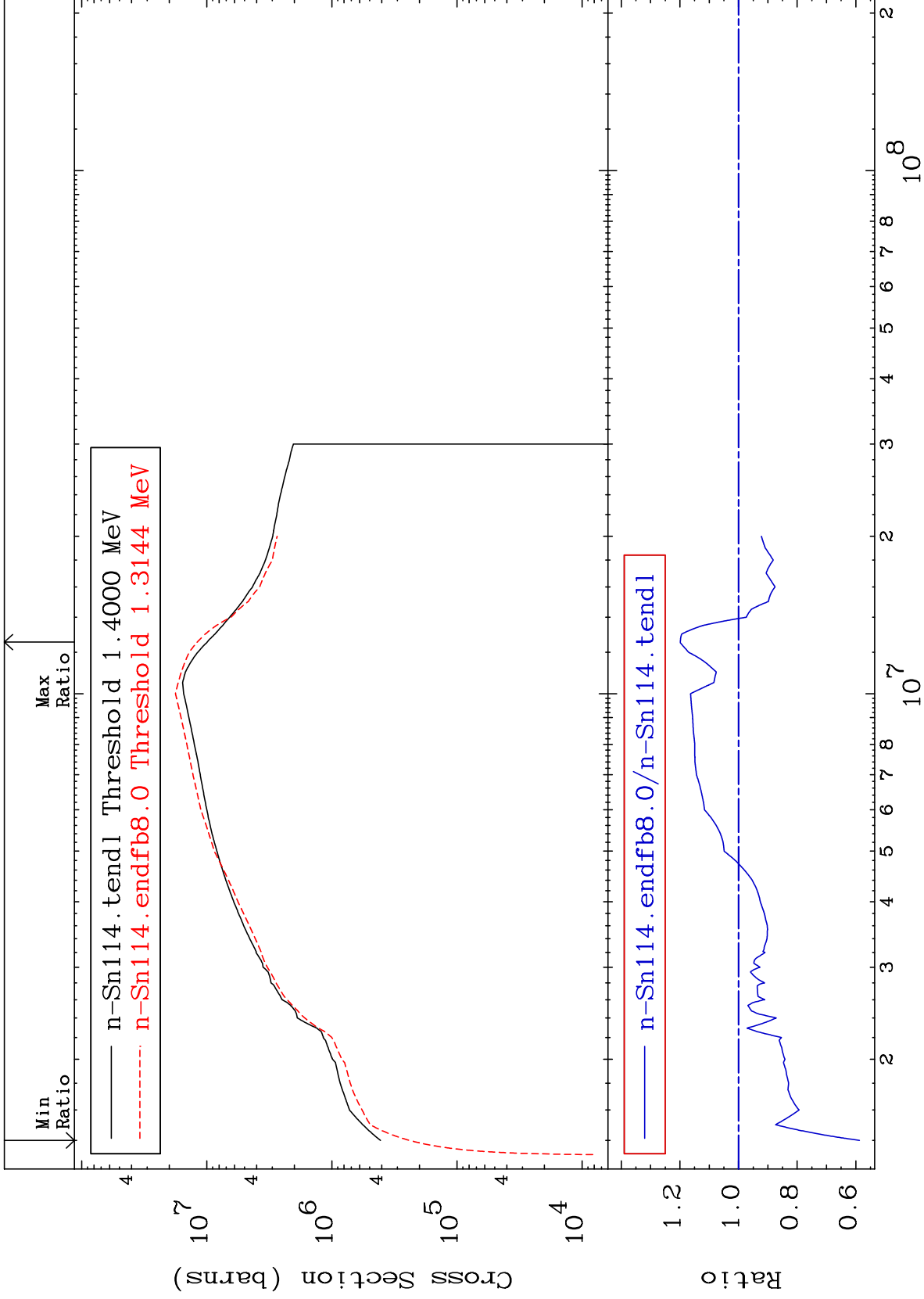
MAT 5031

Kerma elastic
Cross Section

50-Sn-114
-98.77 To 133.9 %



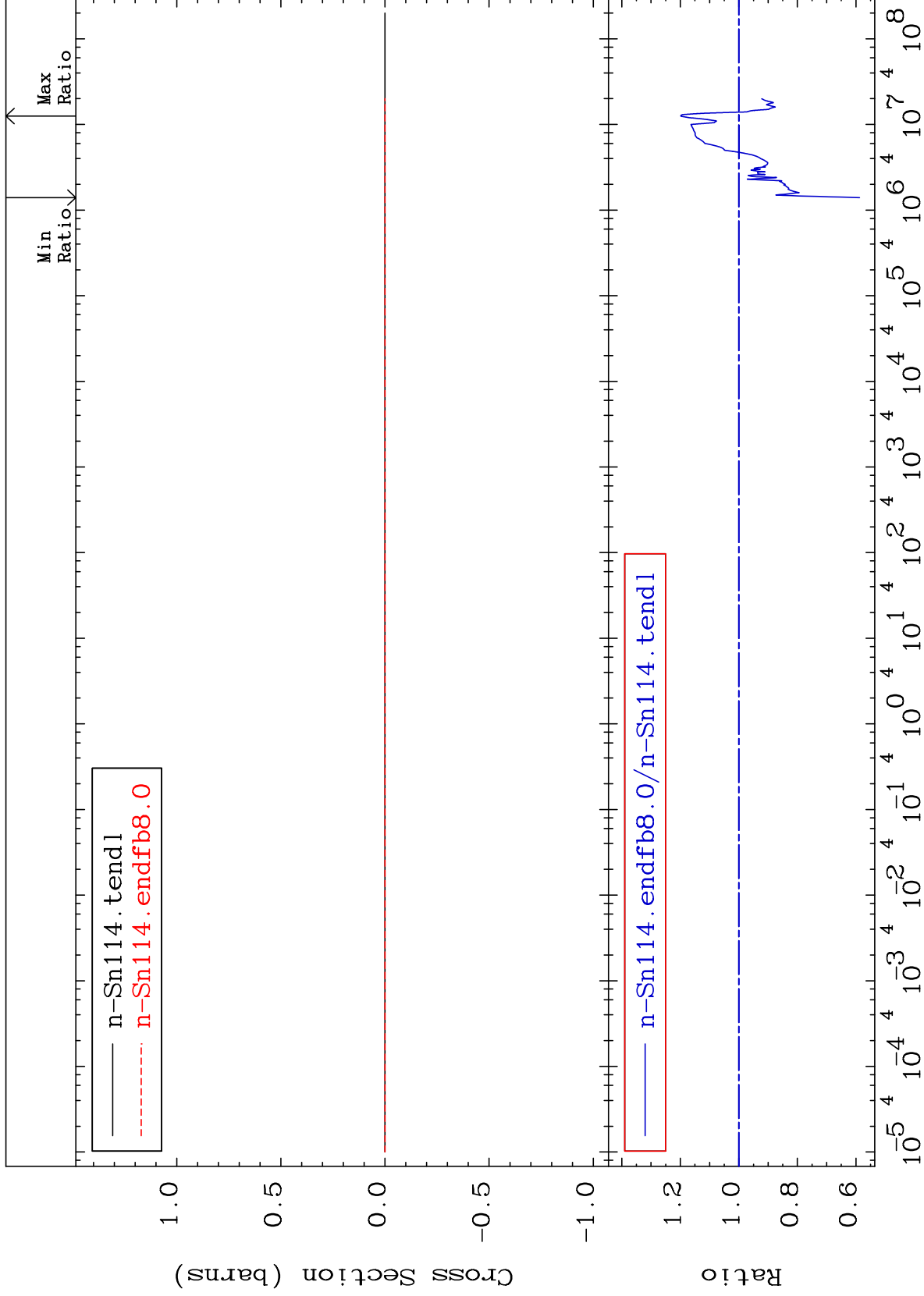




MAT 5031

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

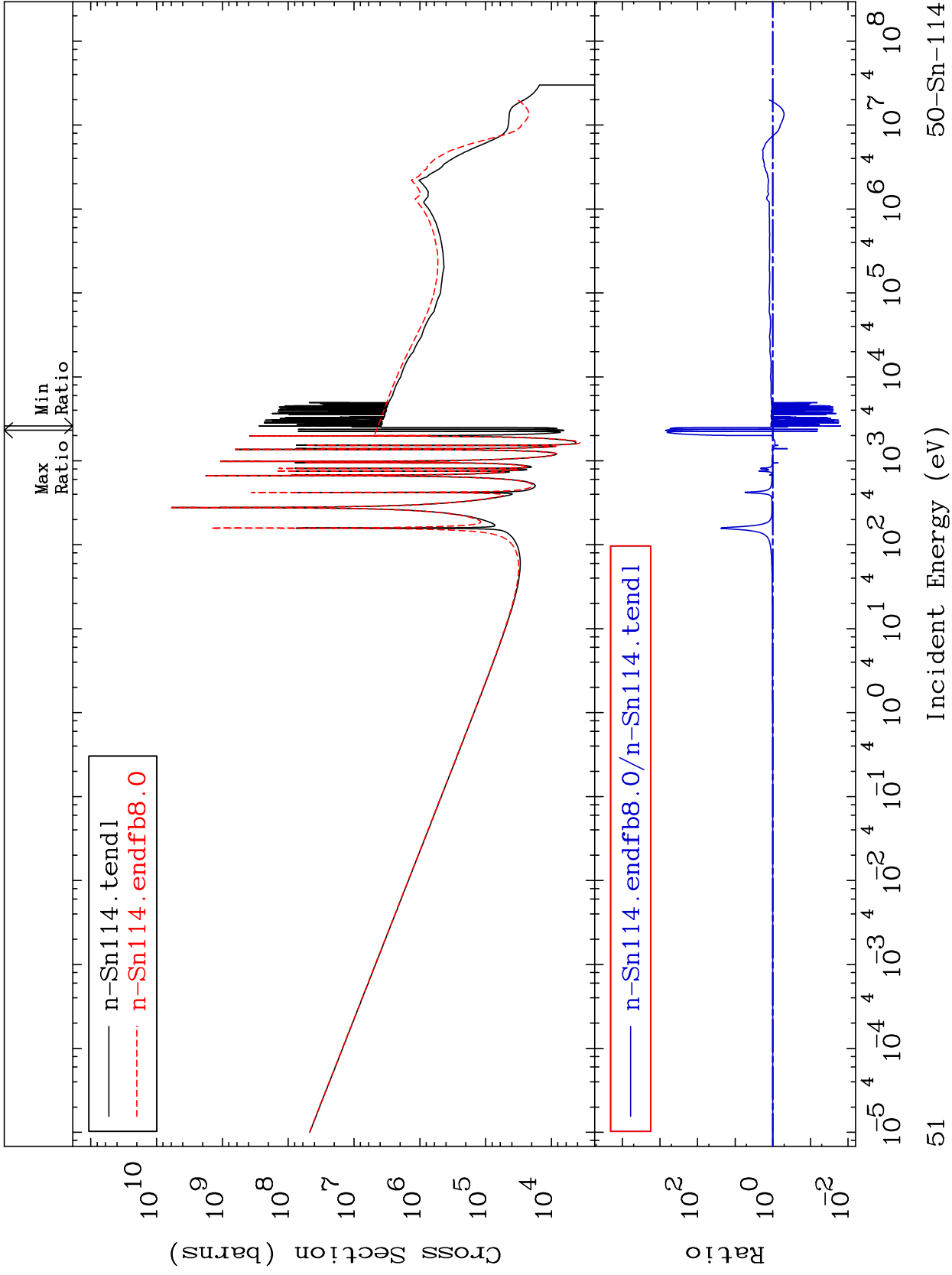
50-Sn-114
-41.25 To 19.85 %



50

Incident Energy (eV)

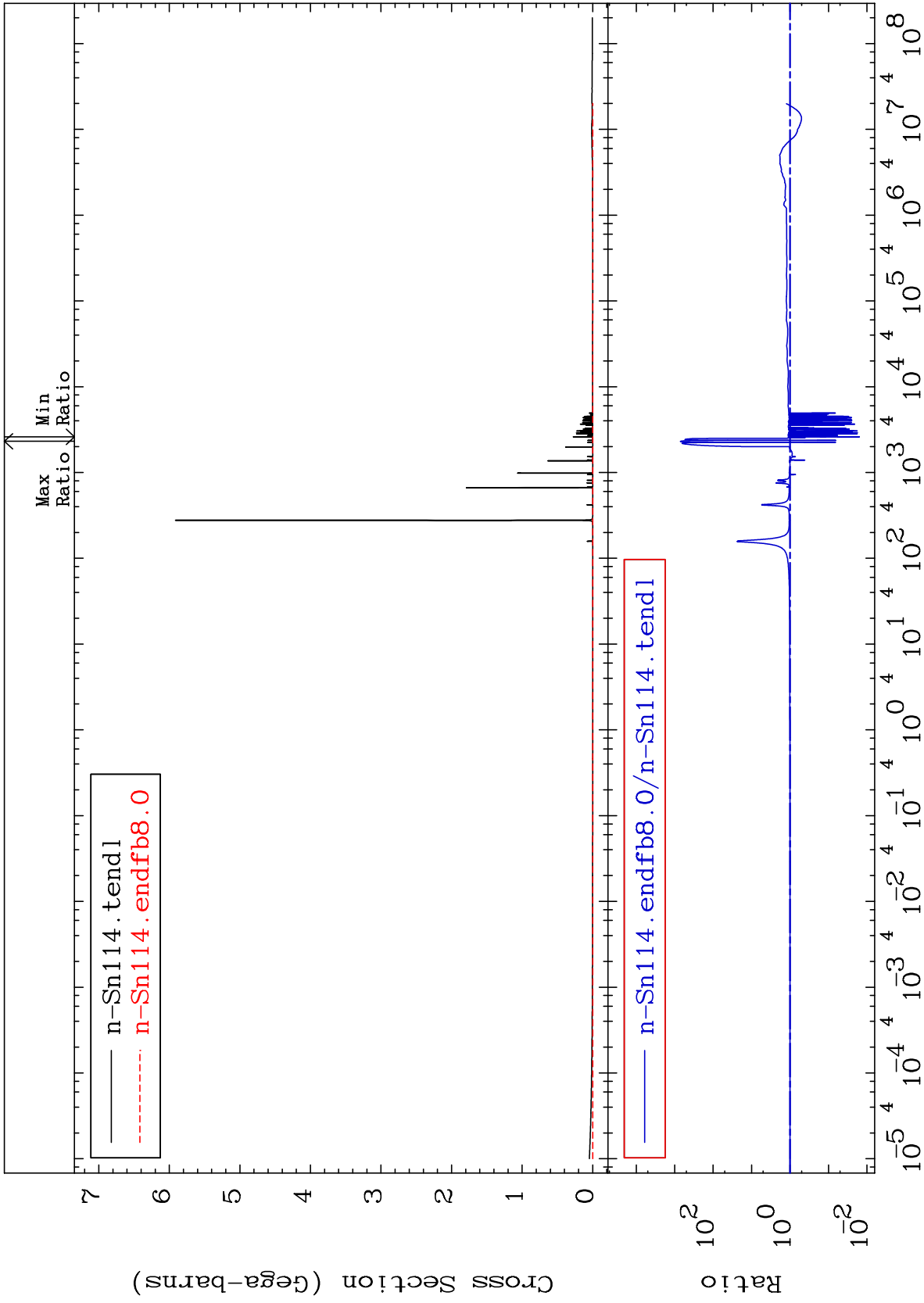
50-Sn-114



MAT 5031

Total photon (eV-barns)
Cross Section

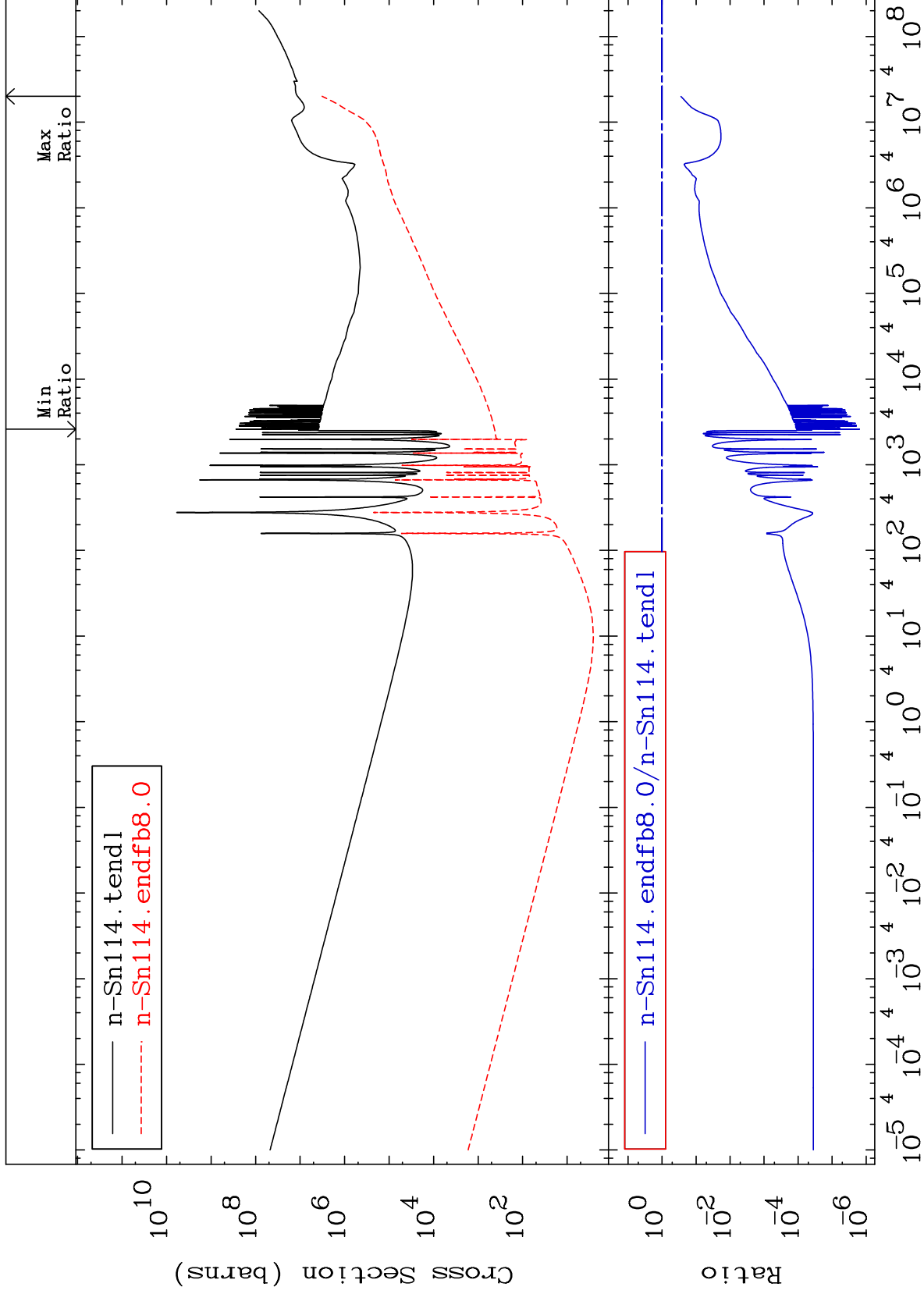
50-Sn-114
-98.43 To 9999. %



MAT 5031

Total kinematic kerma (high limit)
Cross Section

50-Sn-114
-100.0 To -71.88%



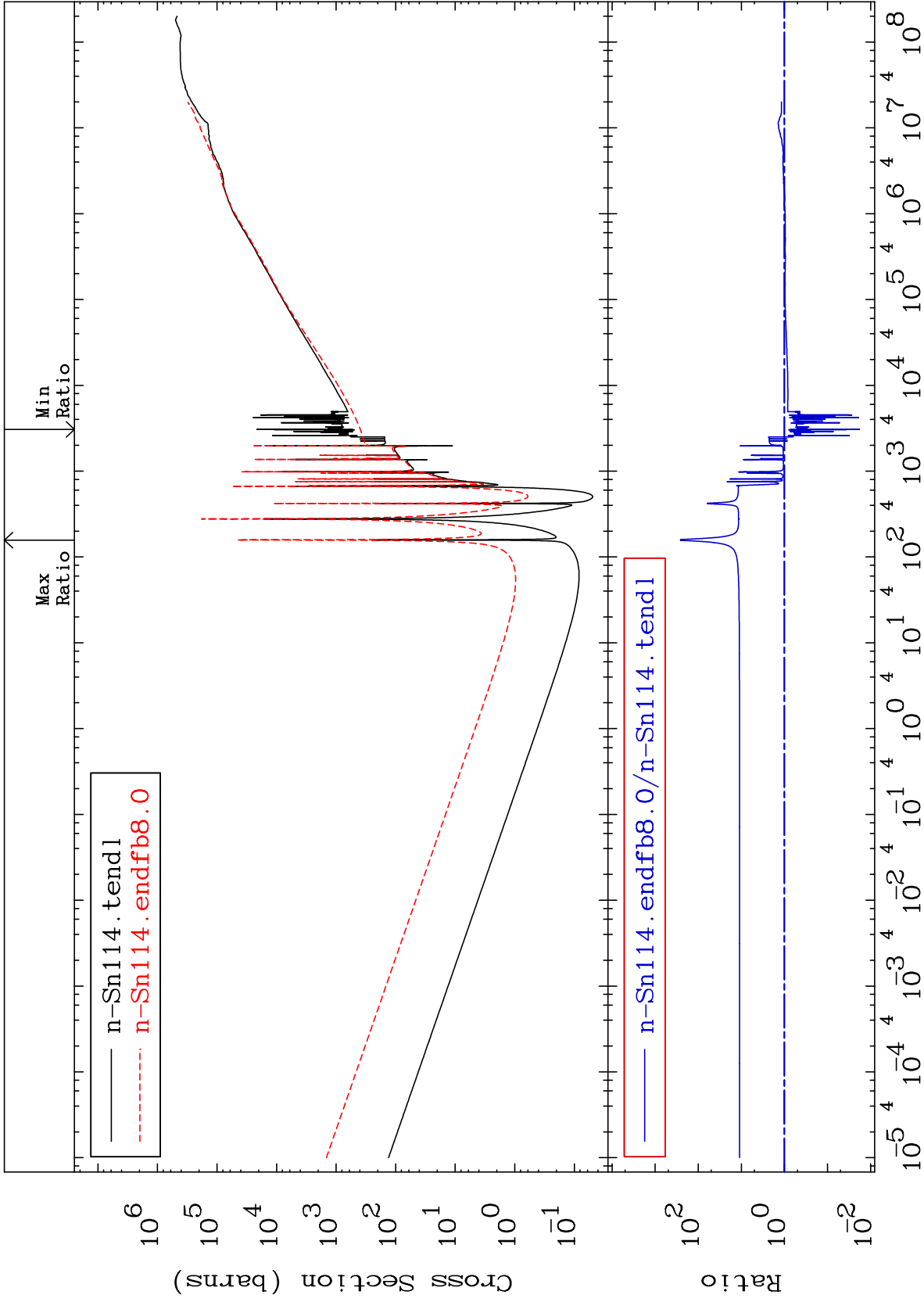
MAT 5031

Dpa total (eV-barns)

50-Sn-114

-98.18 To 9999. %

Cross Section



MAT 5031

Dpa elastic (mt2)
Cross Section

50-Sn-114
-98.77 To 40.97 %

