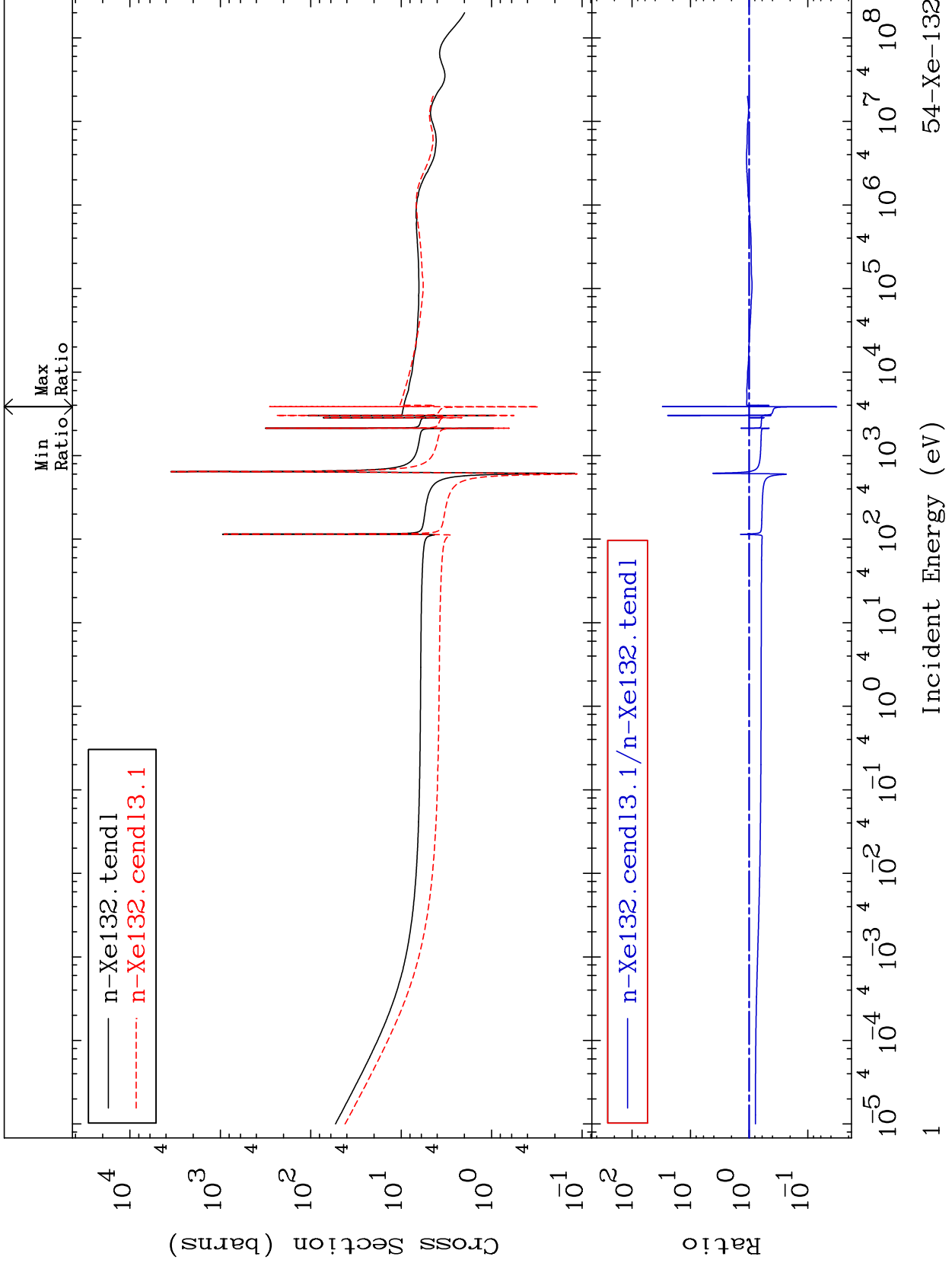


MAT 5449

Total
Cross Section

54-Xe-132
-96.79 To 2930. %



Incident Energy (eV)

54-Xe-132

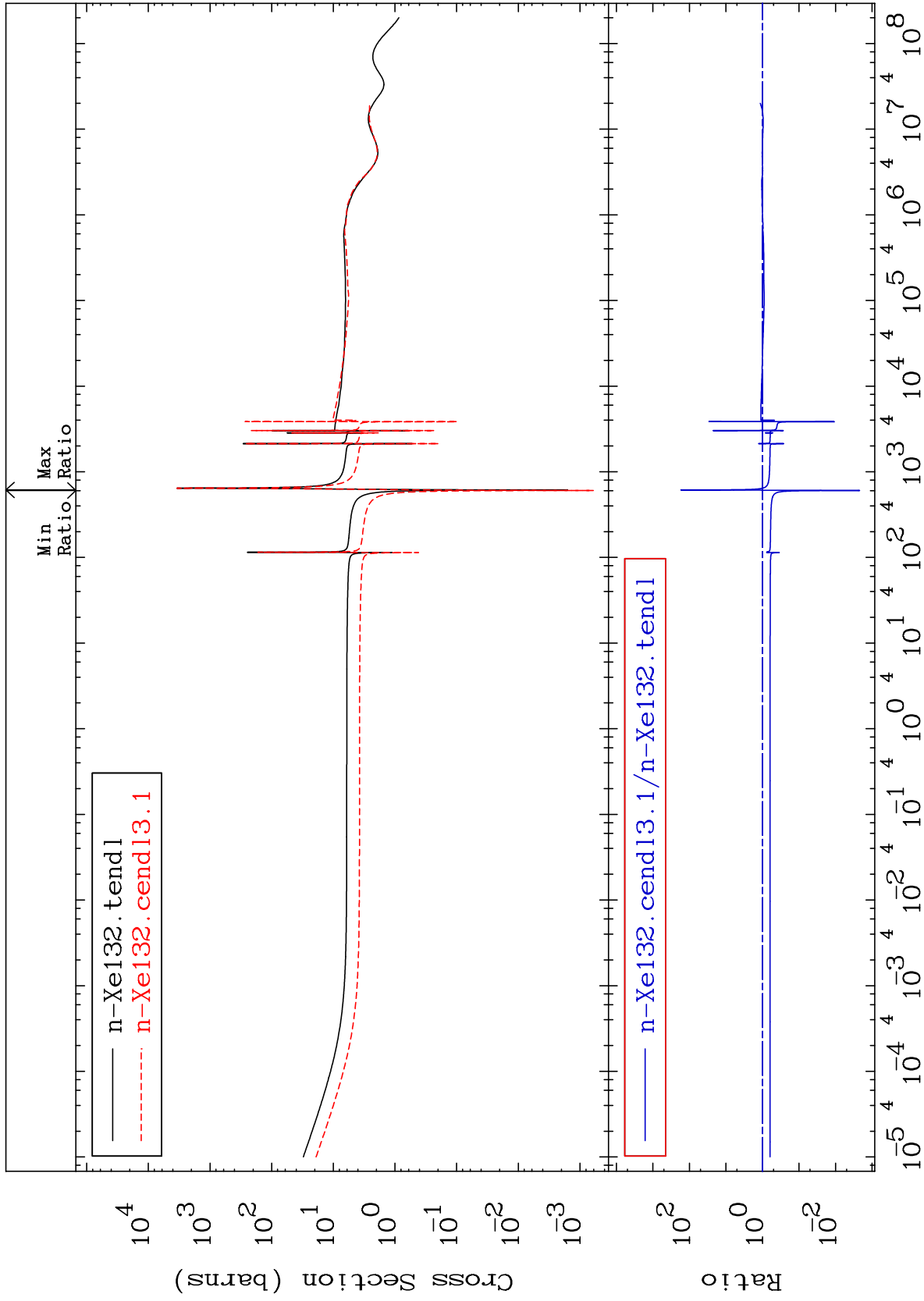
MAT 5449

Elastic

54-Xe-132

Cross Section

-99.78 To 9999. %



2

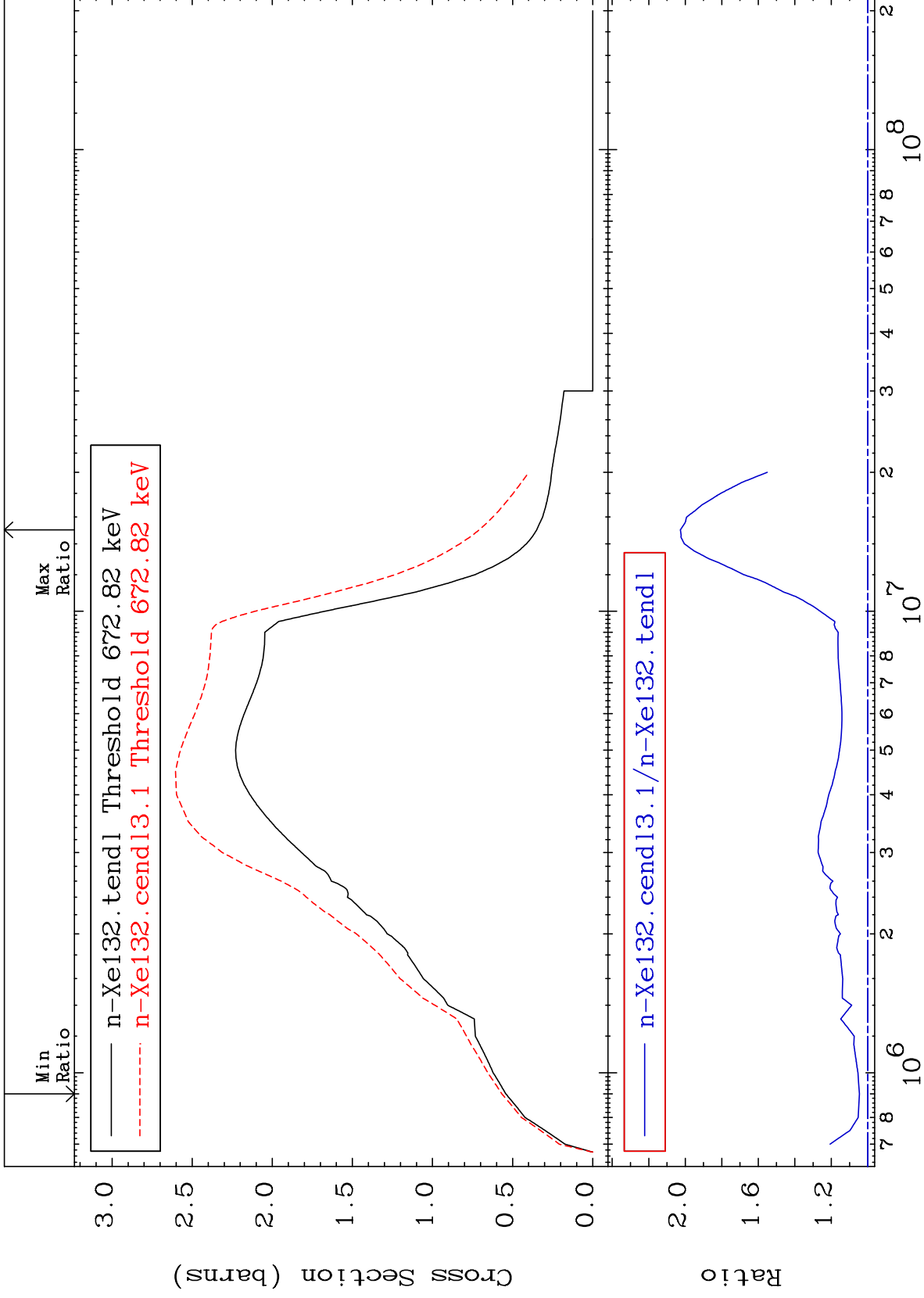
Incident Energy (eV)

54-Xe-132

MAT 5449

Inelastic
Cross Section

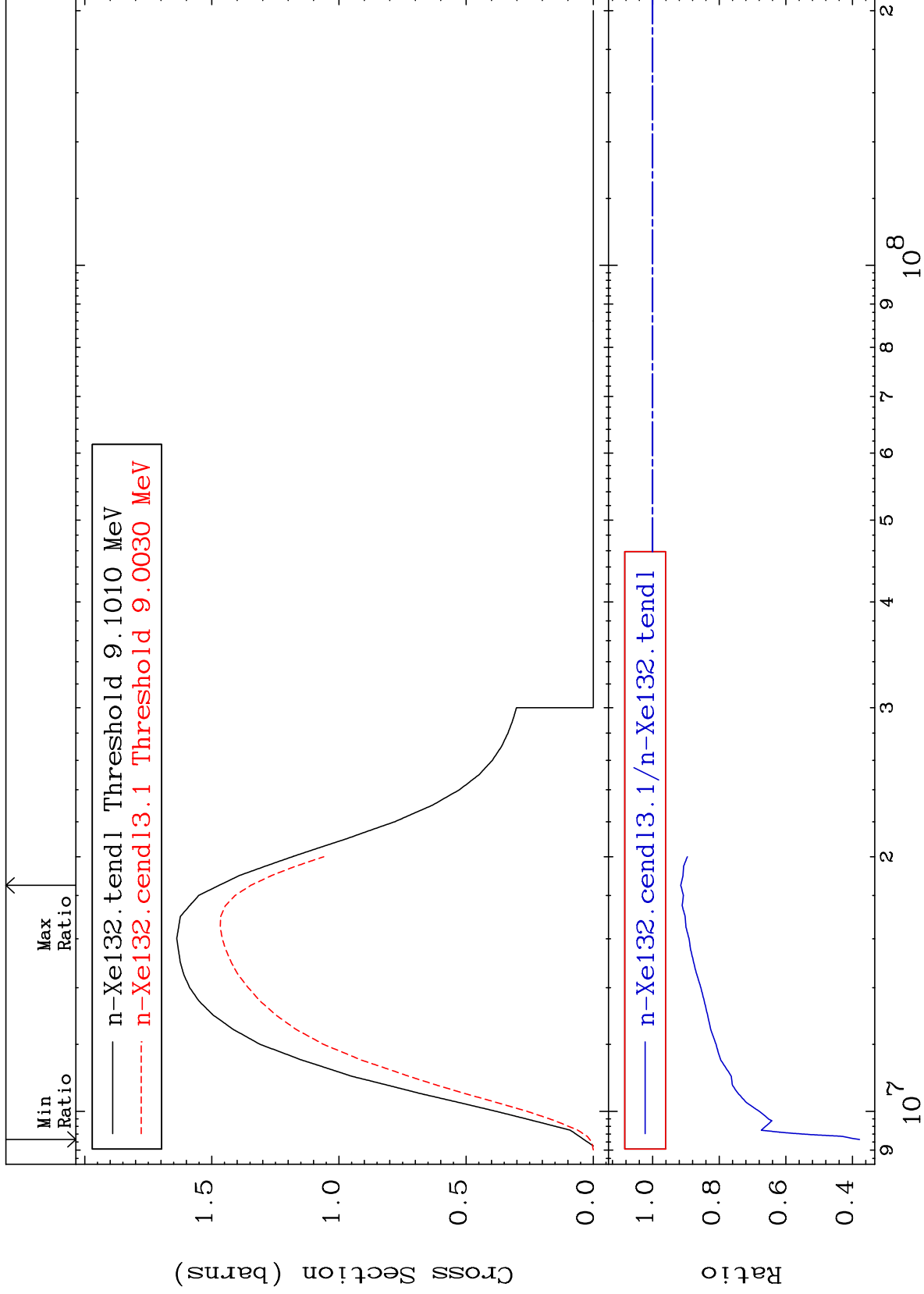
54-Xe-132
4.597 To 102.7 %



MAT 5449

(n,2n)
Cross Section

54-Xe-132
-62.10 To -8.468%



4

Incident Energy (eV)

54-Xe-132

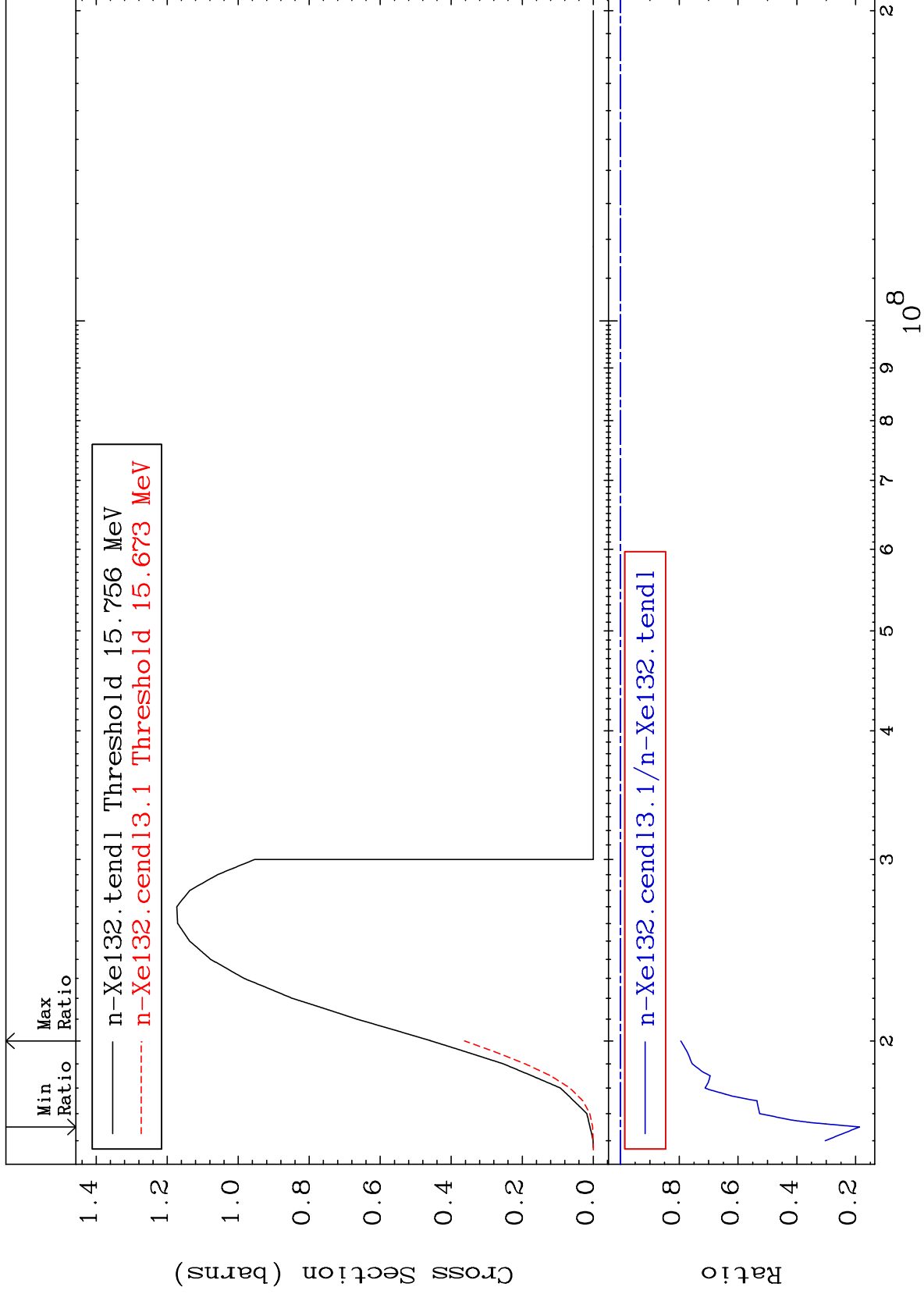
MAT 5449

(n,3n)

54-Xe-132

Cross Section

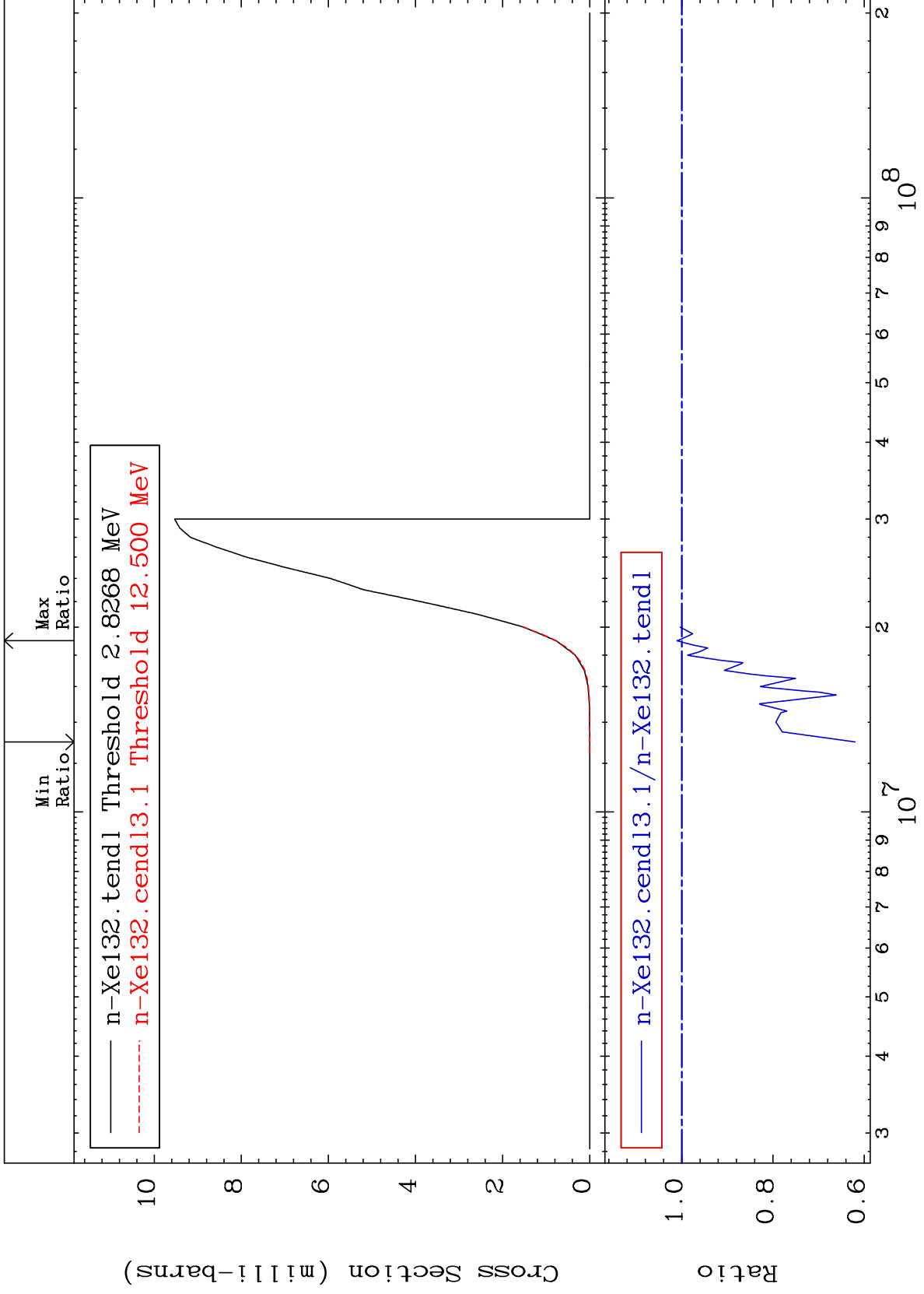
-81.34 To -20.51%



MAT 5449

(n, n') α
Cross Section

54-Xe-132
-38.01 To 1.067 %



6

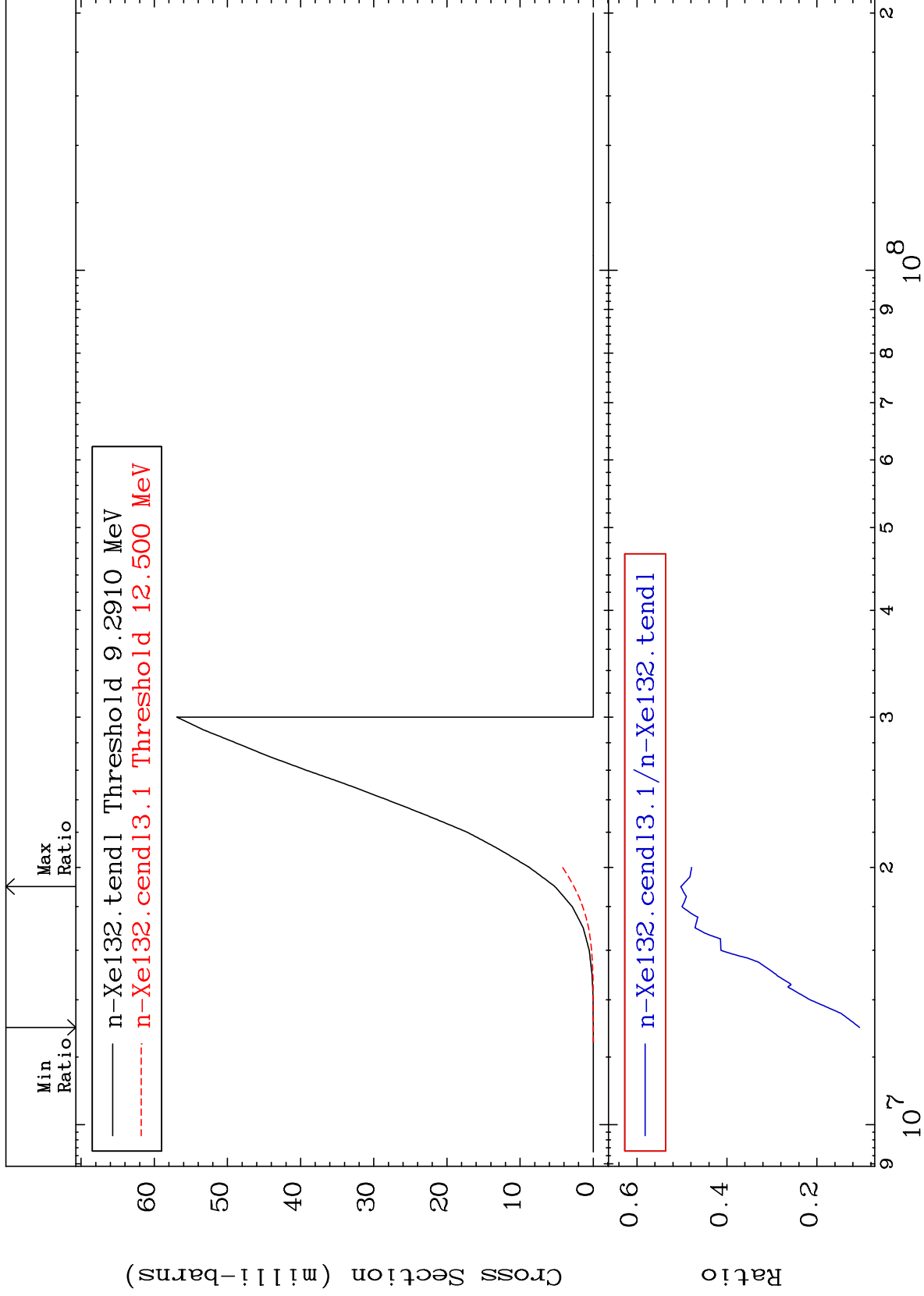
Incident Energy (eV)

54-Xe-132

MAT 5449

(n,n') p
Cross Section

54-Xe-132
-89.47 To -49.74%

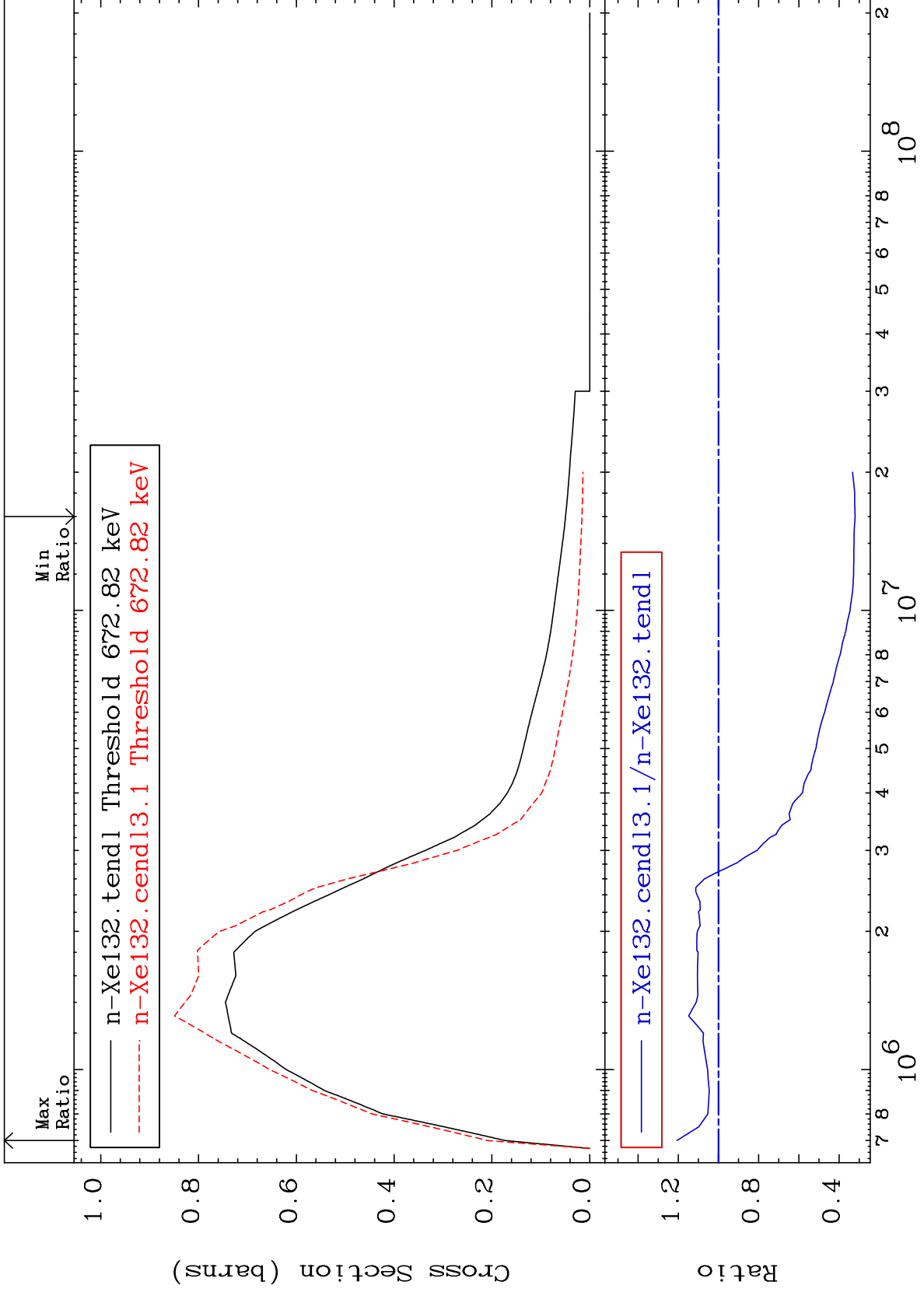


54-Xe-132

MAT 5449

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

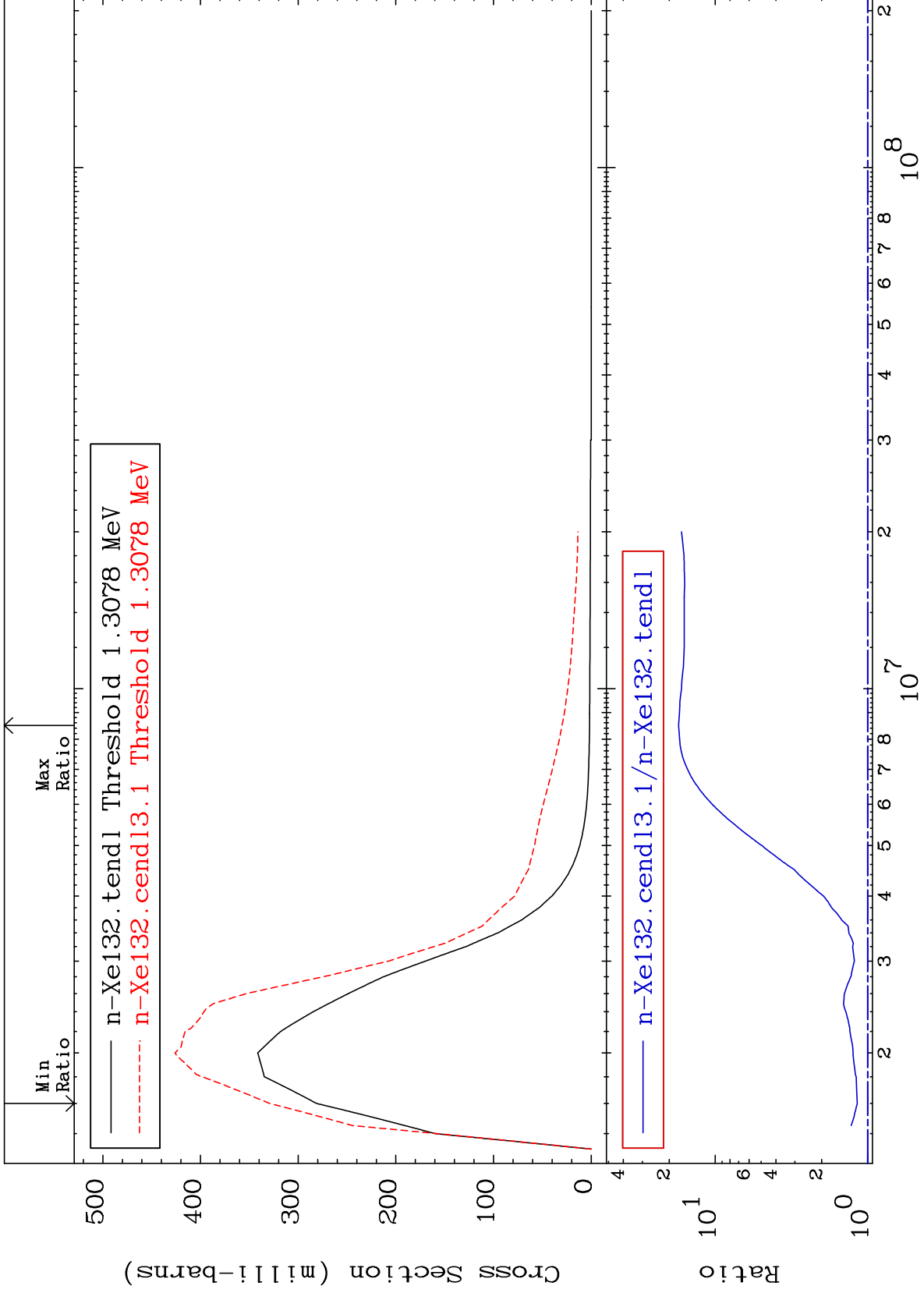
54-Xe-132
-67.95 To 20.66 %



MAT 5449

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

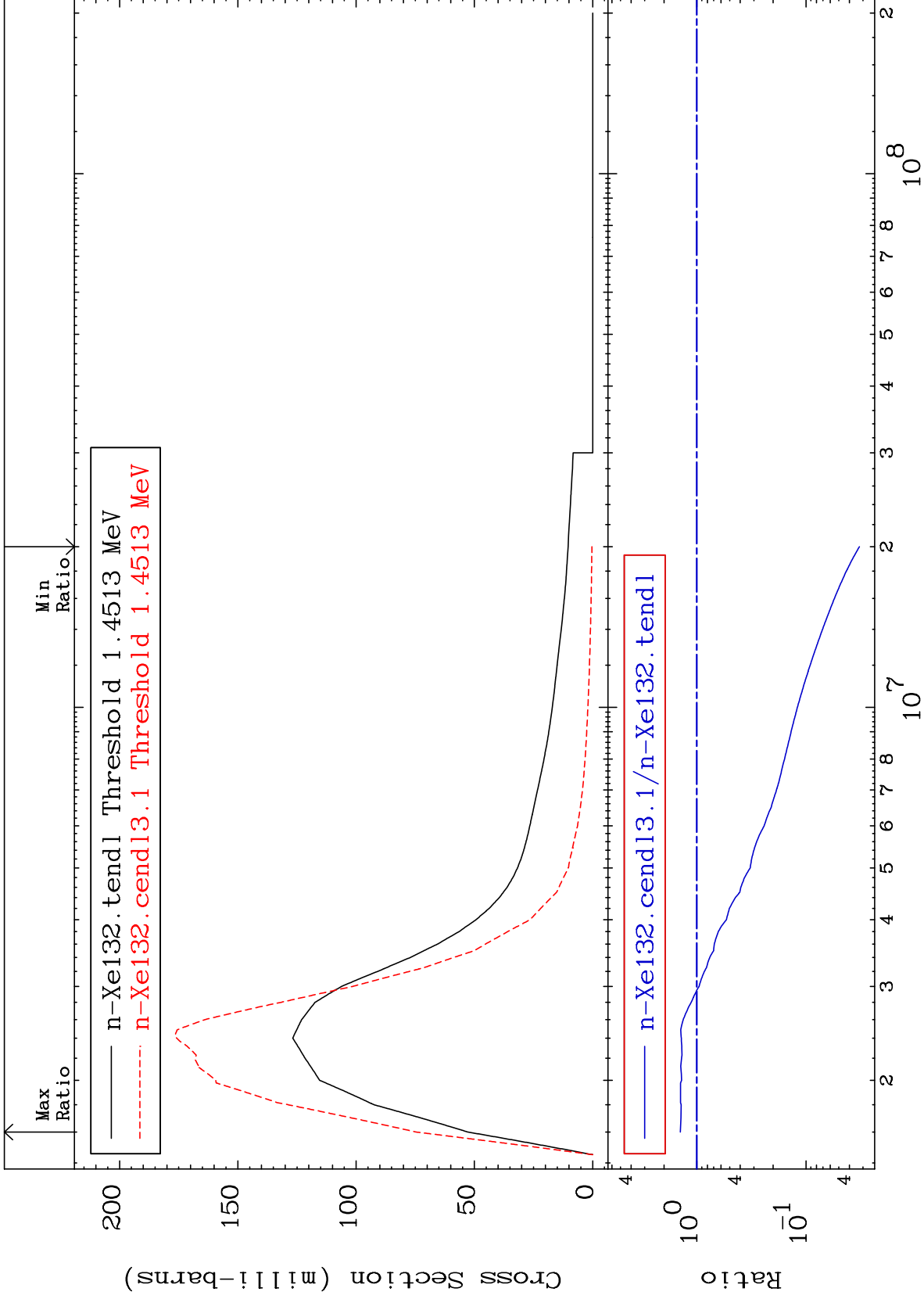
54-Xe-132
17.03 To 1636. %



MAT 5449

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

54-Xe-132
-96.76 To 41.51 %



10

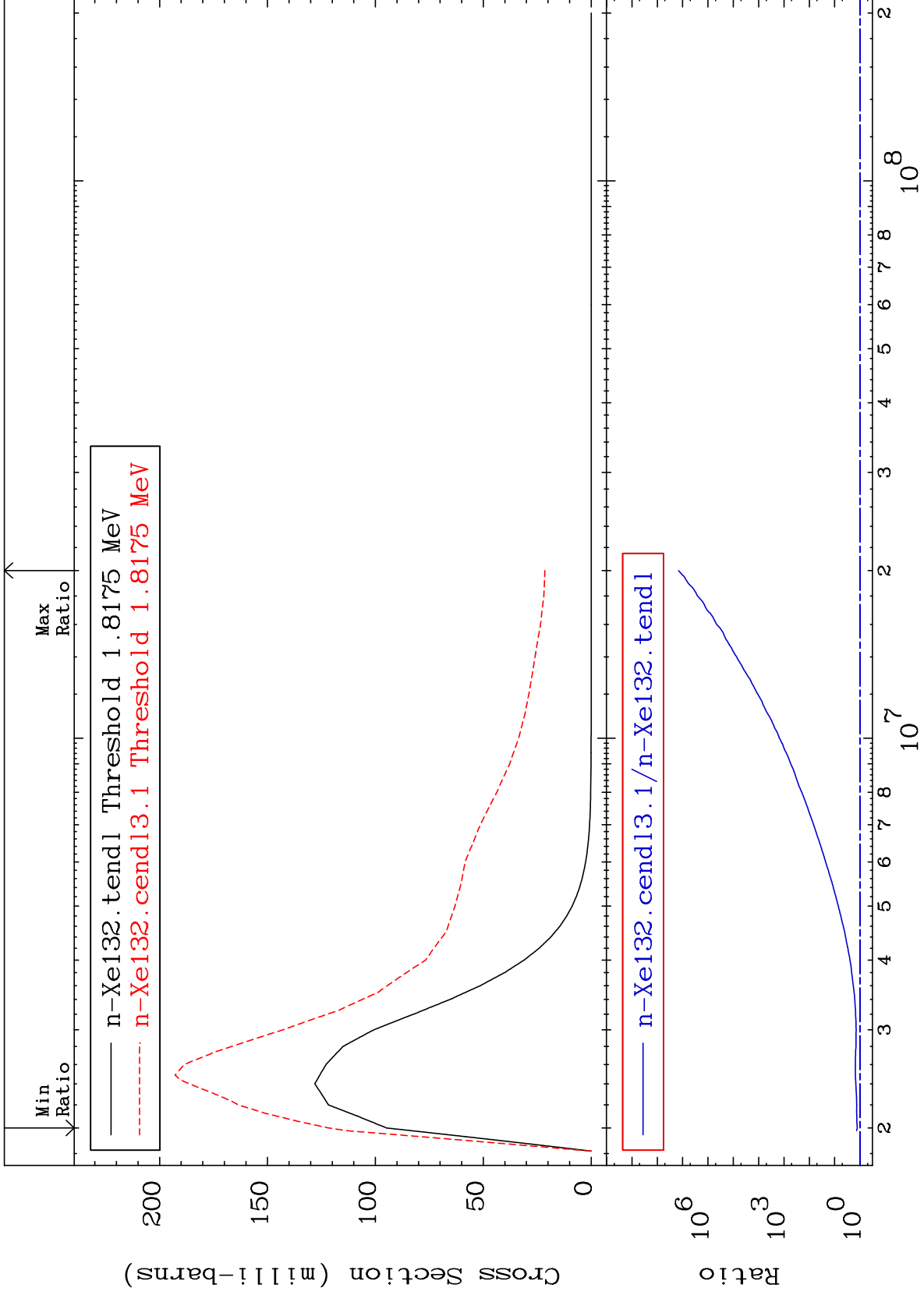
Incident Energy (eV)

54-Xe-132

MAT 5449

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

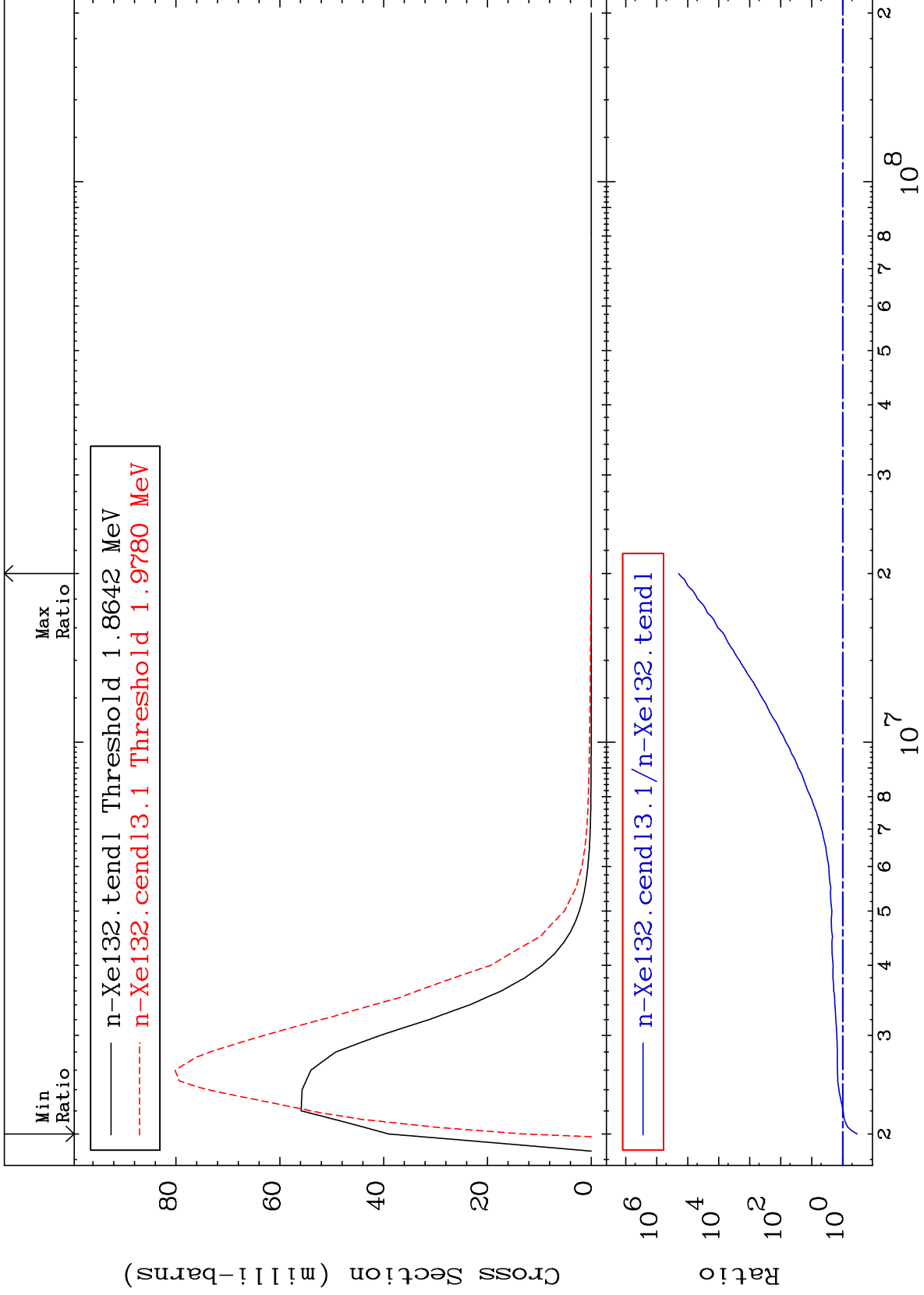
54-Xe-132
28.19 To 9999. %



MAT 5449

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

54-Xe-132
-66.05 To 9999. %



12

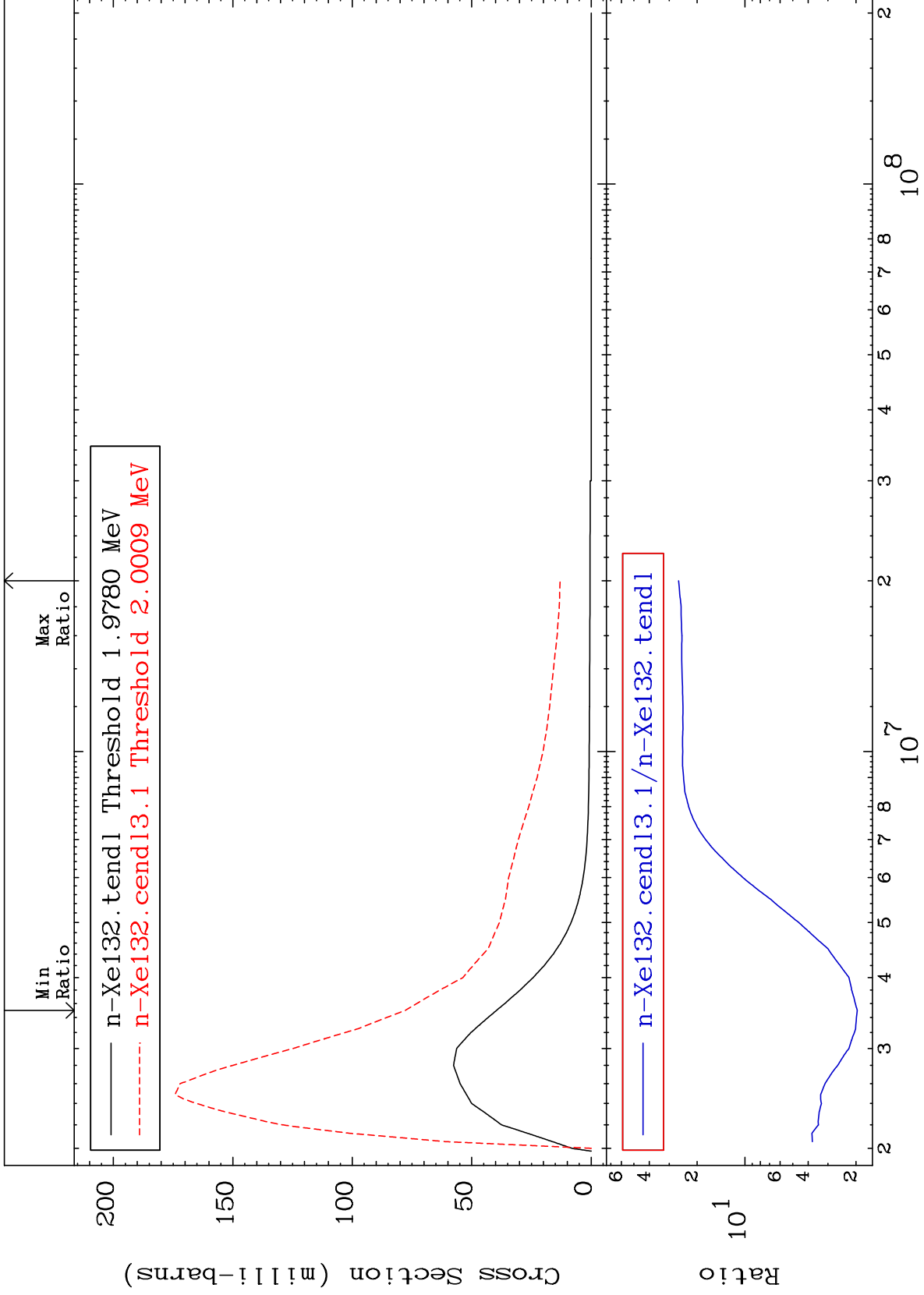
Incident Energy (eV)

54-Xe-132

MAT 5449

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

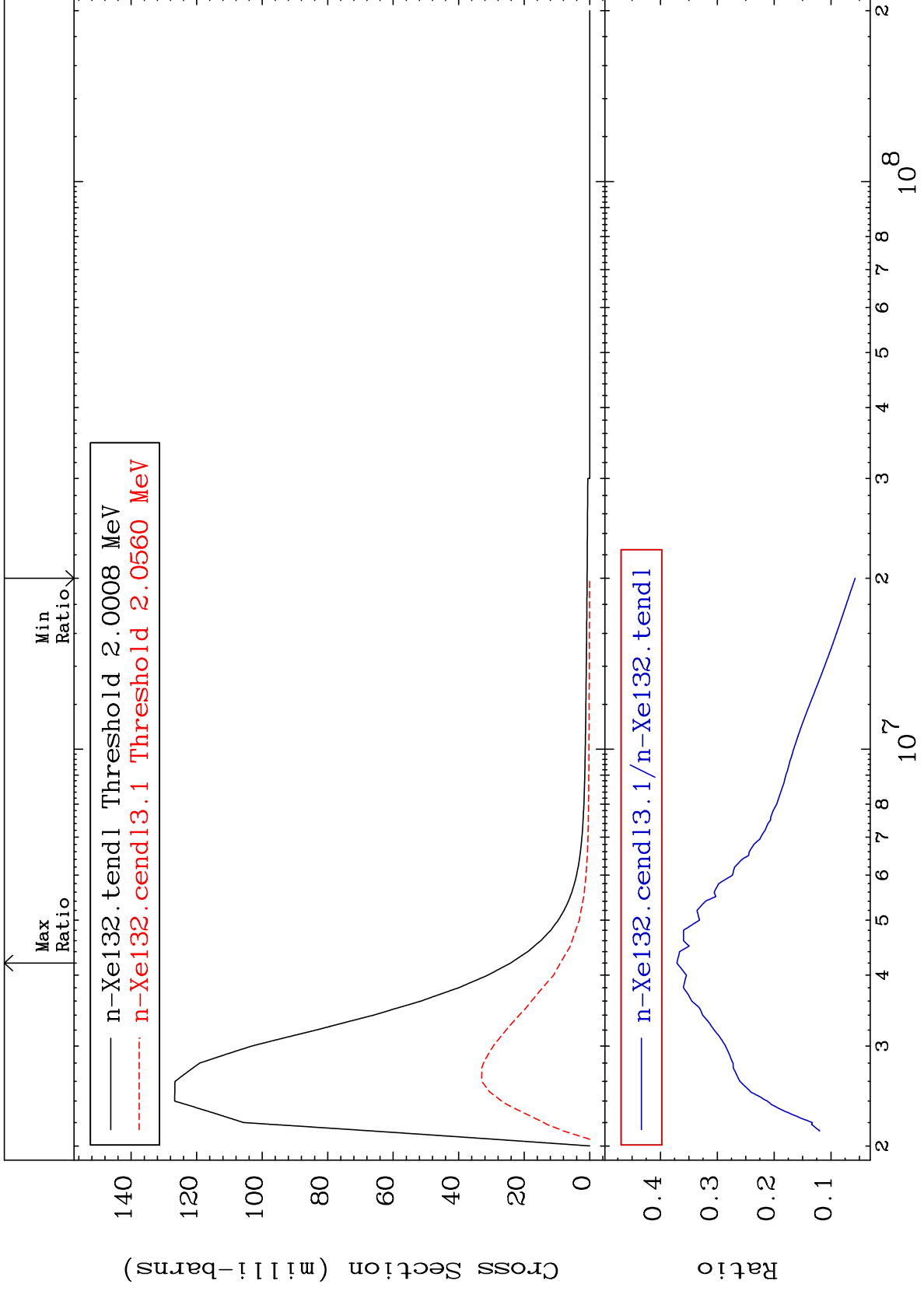
54-Xe-132
96.23 To 2514. %



MAT 5449

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

54-Xe-132
-94.24 To -62.90%



14

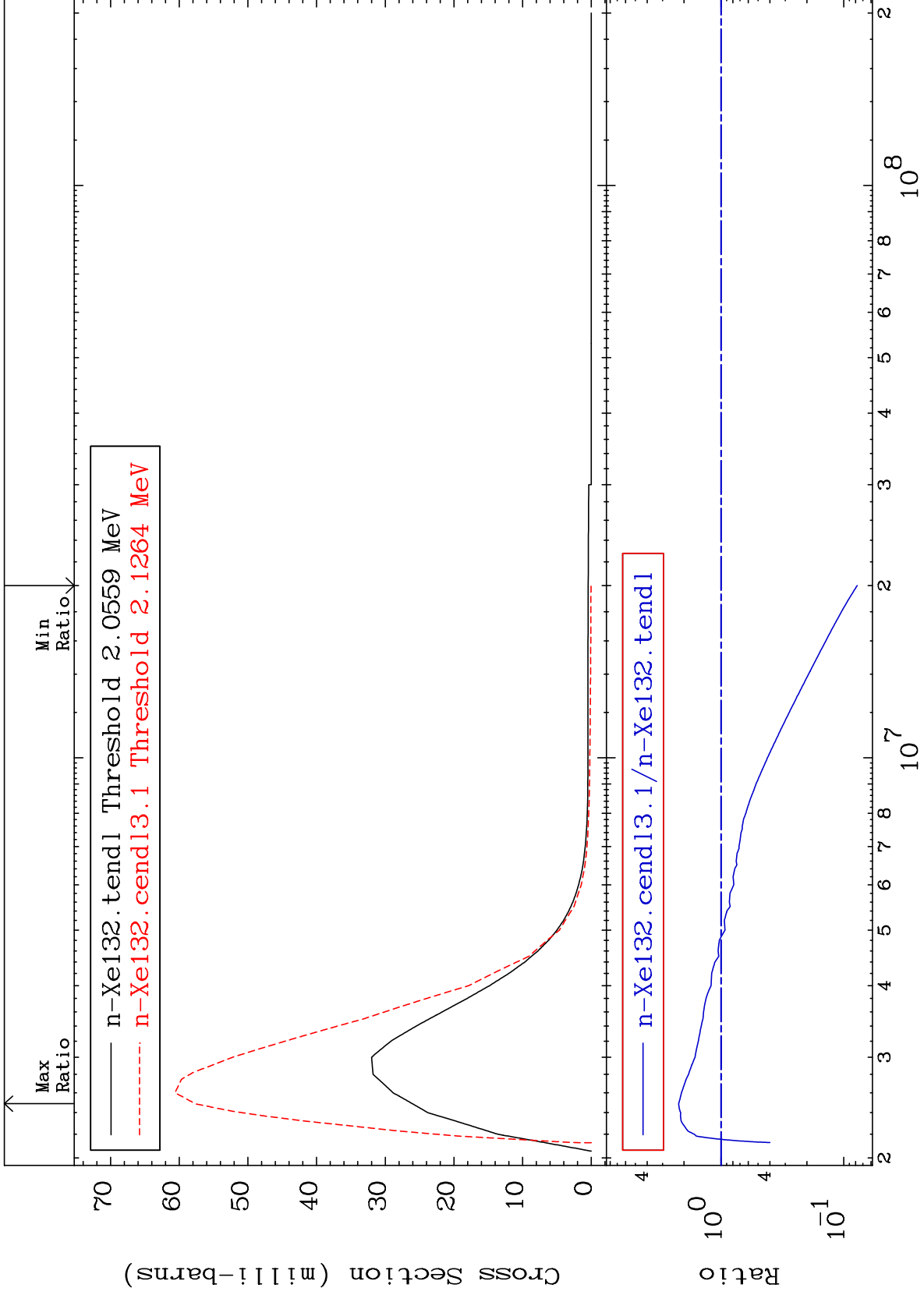
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
-92.23 To 121.5 %



15

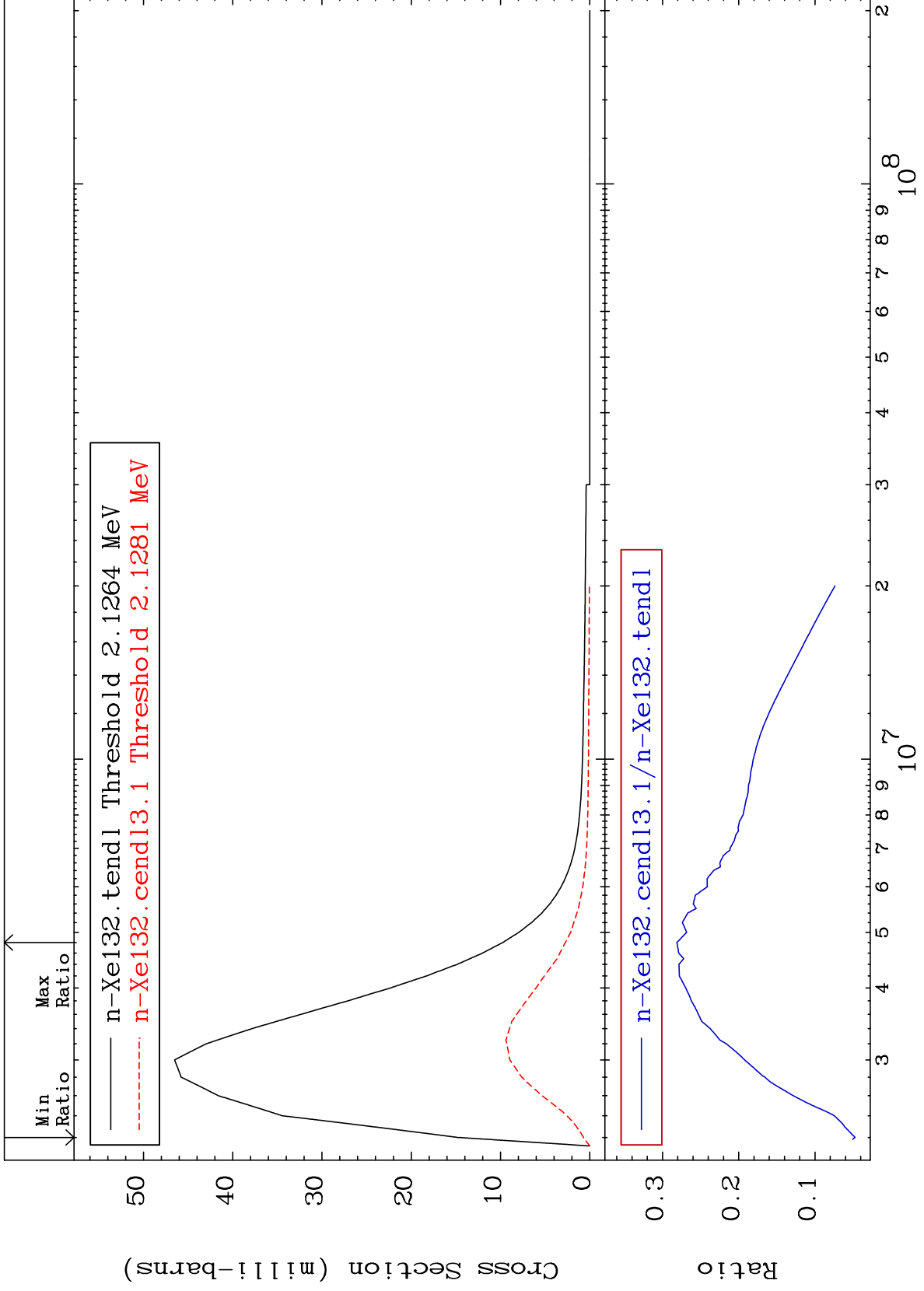
Incident Energy (eV)

54-Xe-132

MAT 5449

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

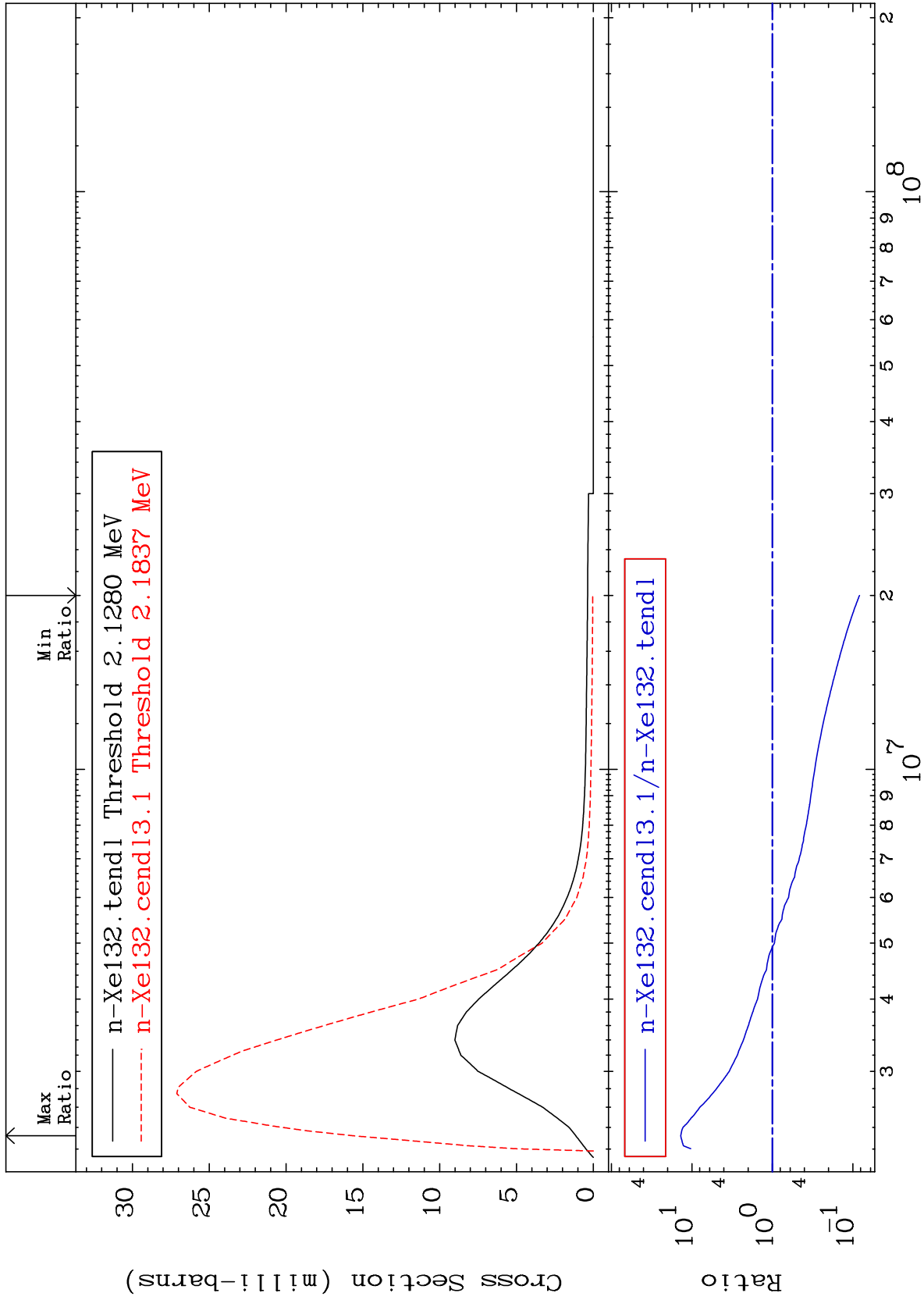
54-Xe-132
-95.26 To -71.90%



MAT 5449

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

54-Xe-132
-91.76 To 1275. %



17

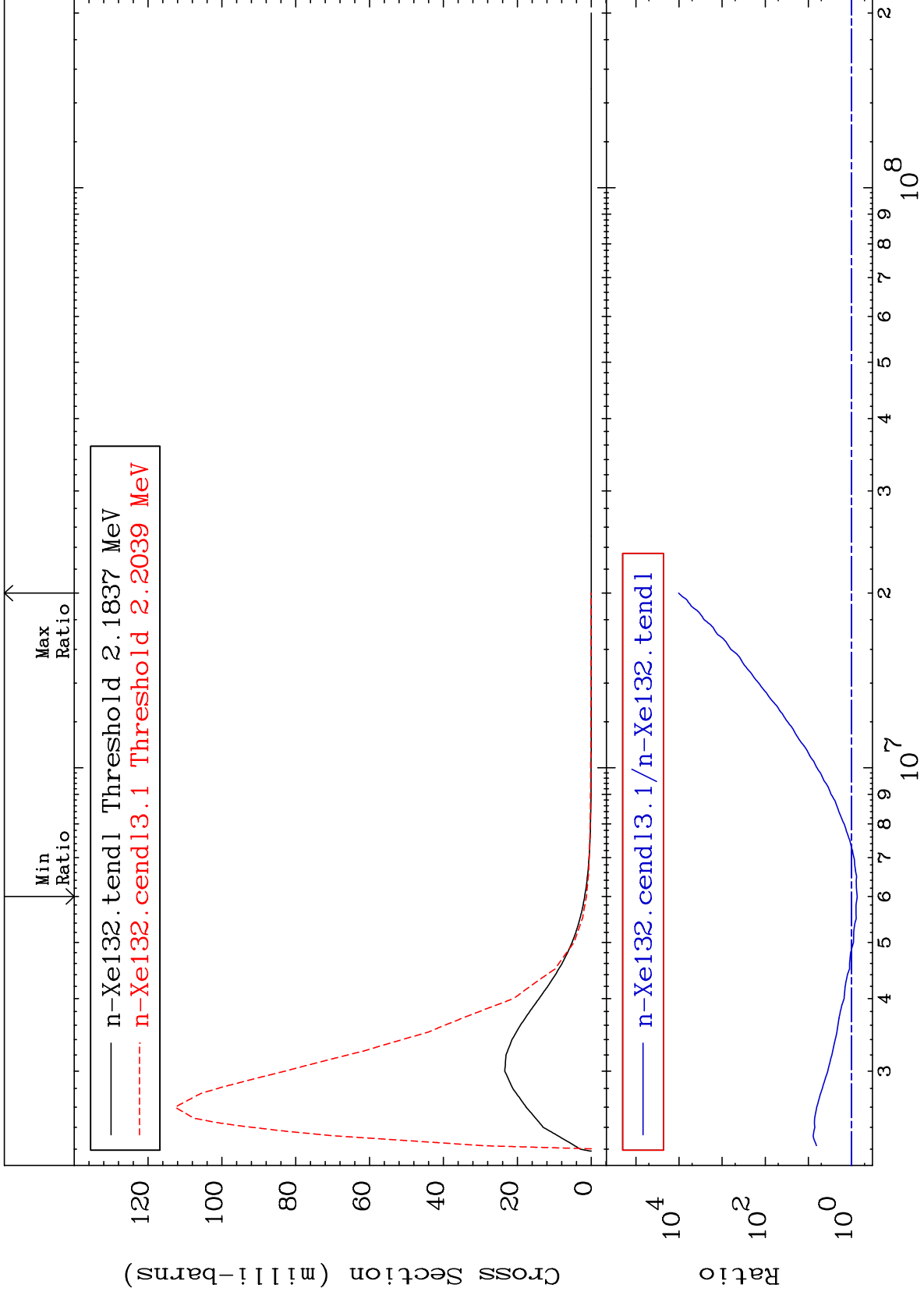
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
-26.42 To 9999. %



18

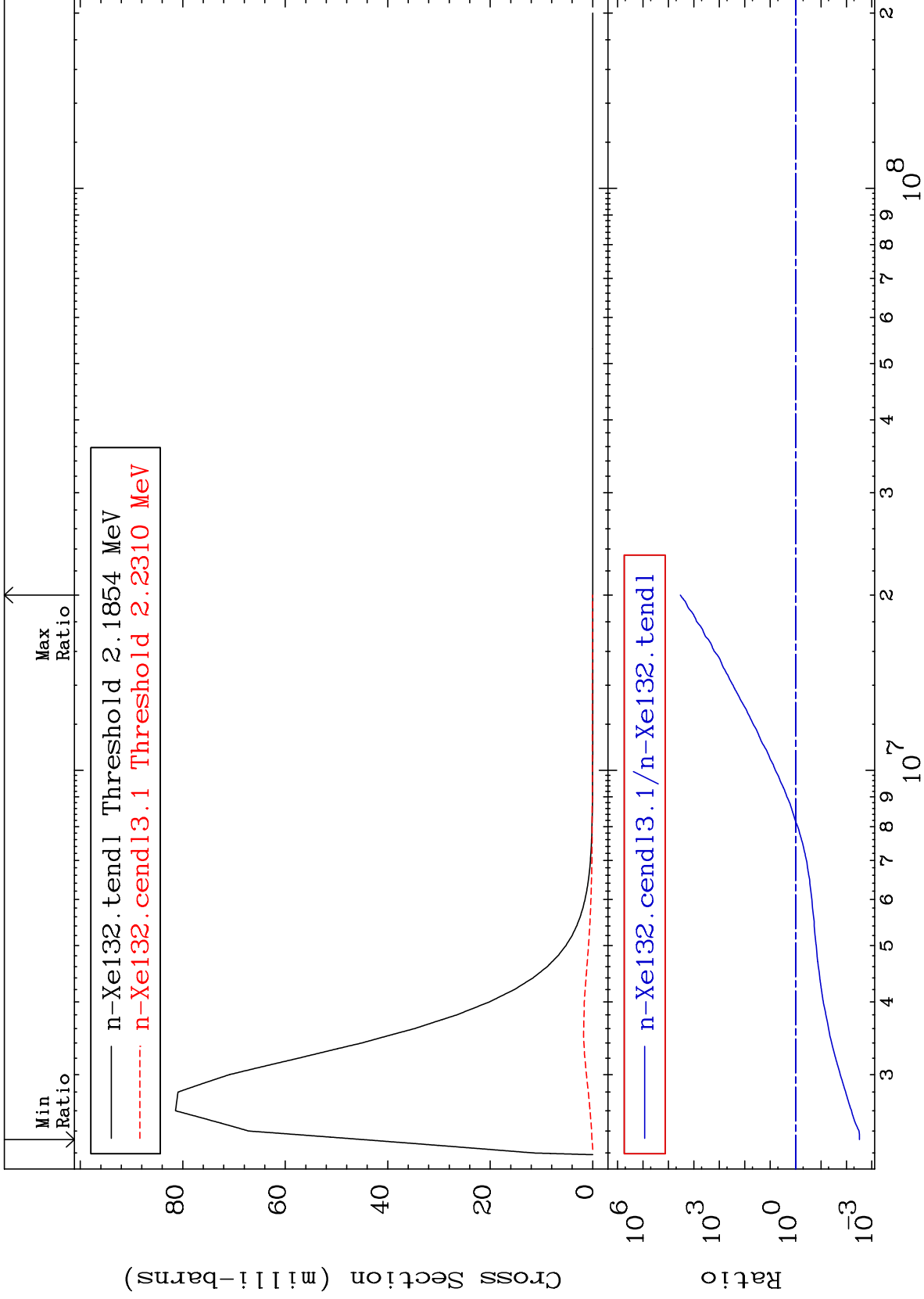
Incident Energy (eV)

54-Xe-132

MAT 5449

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

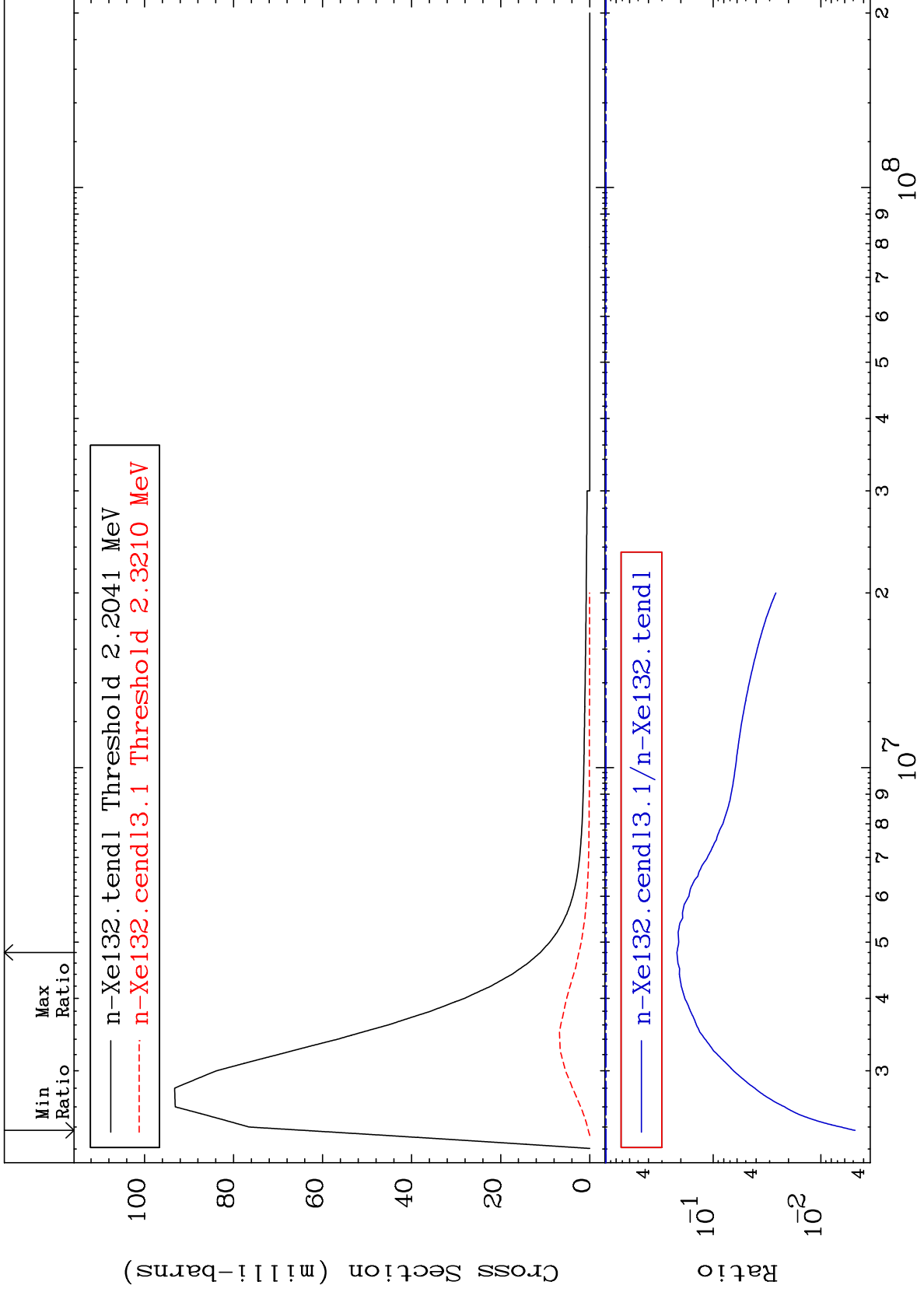
54-Xe-132
-99.69 To 9999. %



MAT 5449

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

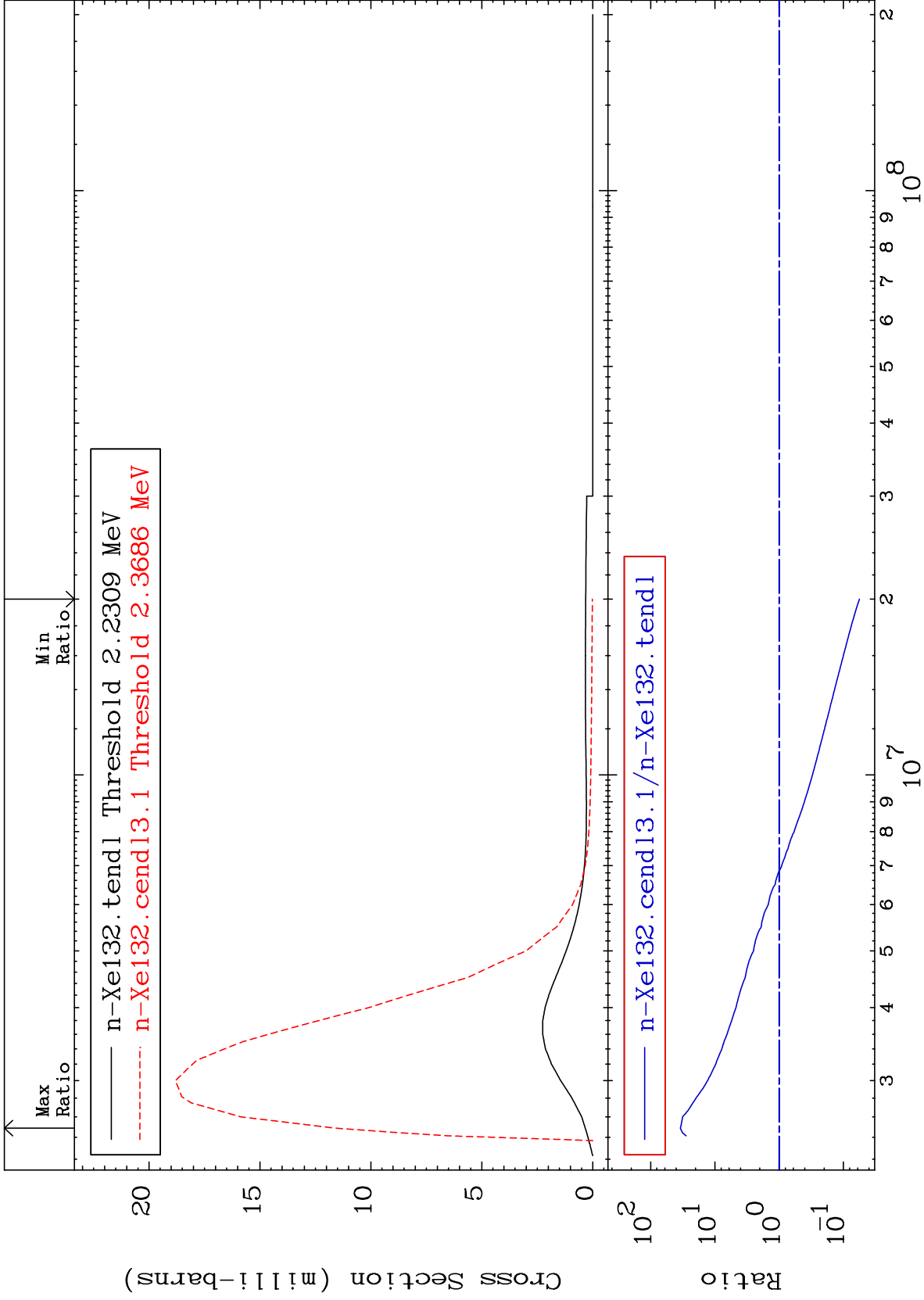
54-Xe-132
-99.52 To -78.23%



MAT 5449

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

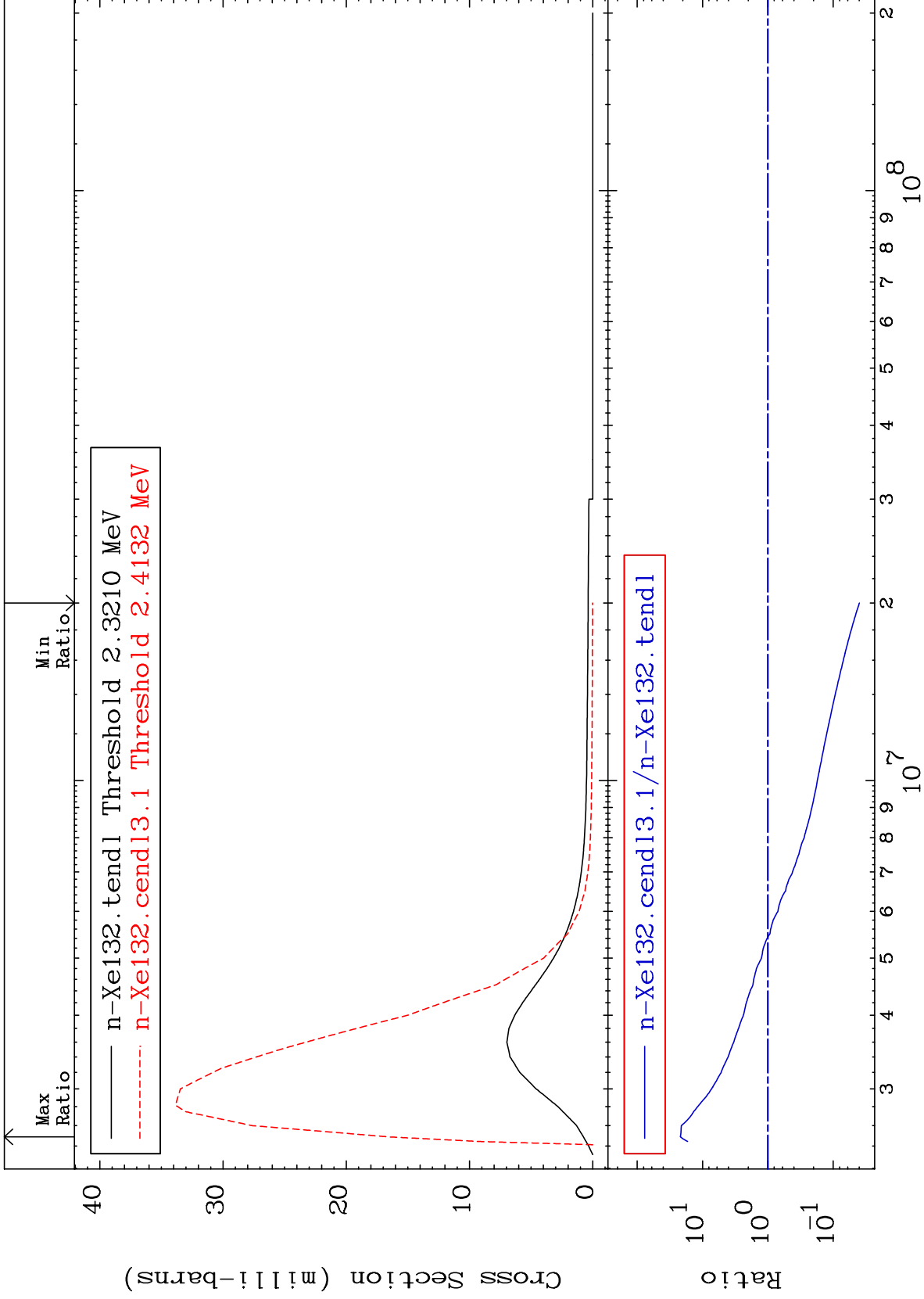
54-Xe-132
-94.36 To 3346. %



MAT 5449

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

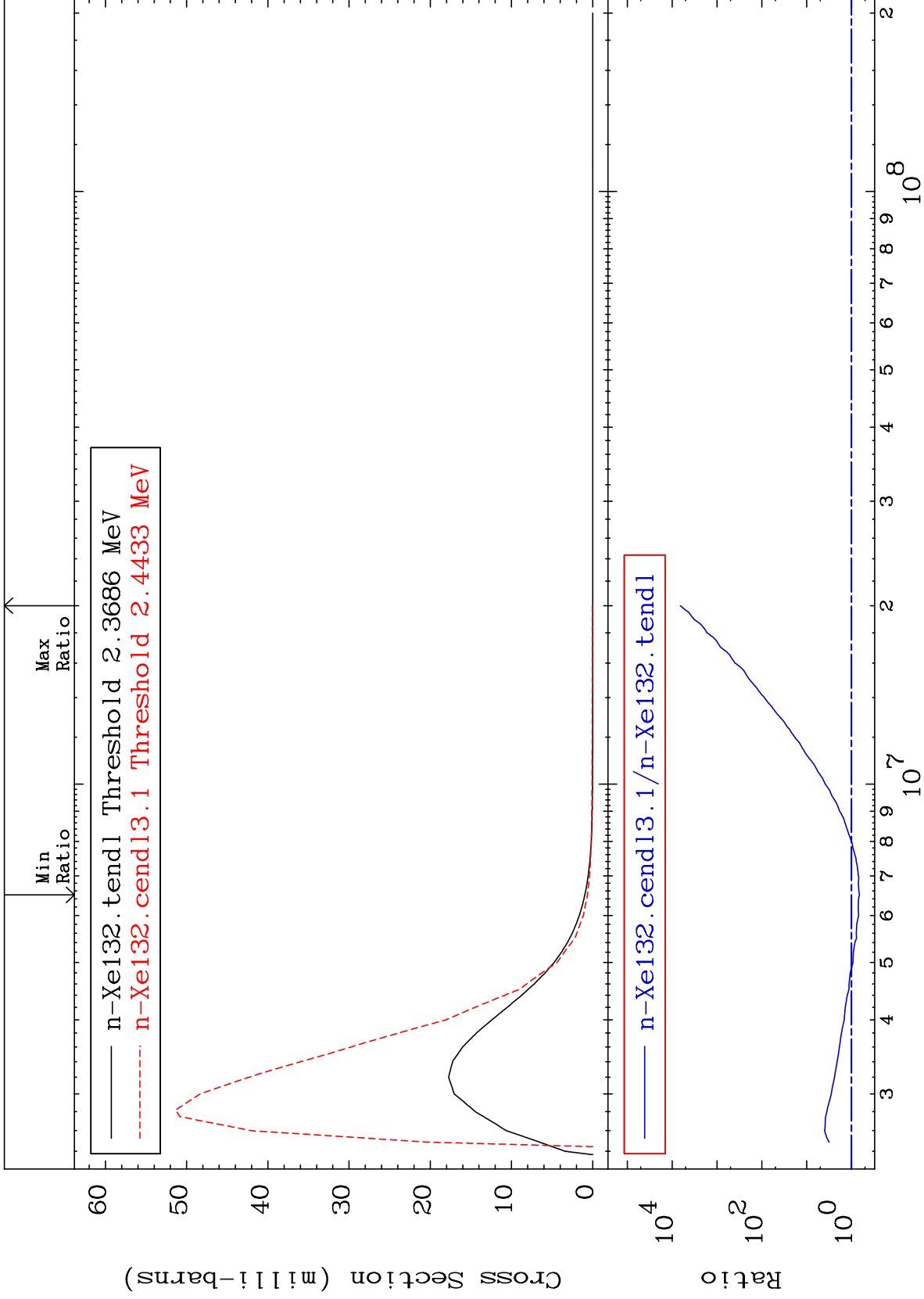
54-Xe-132
-96.03 To 2088. %



MAT 5449

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

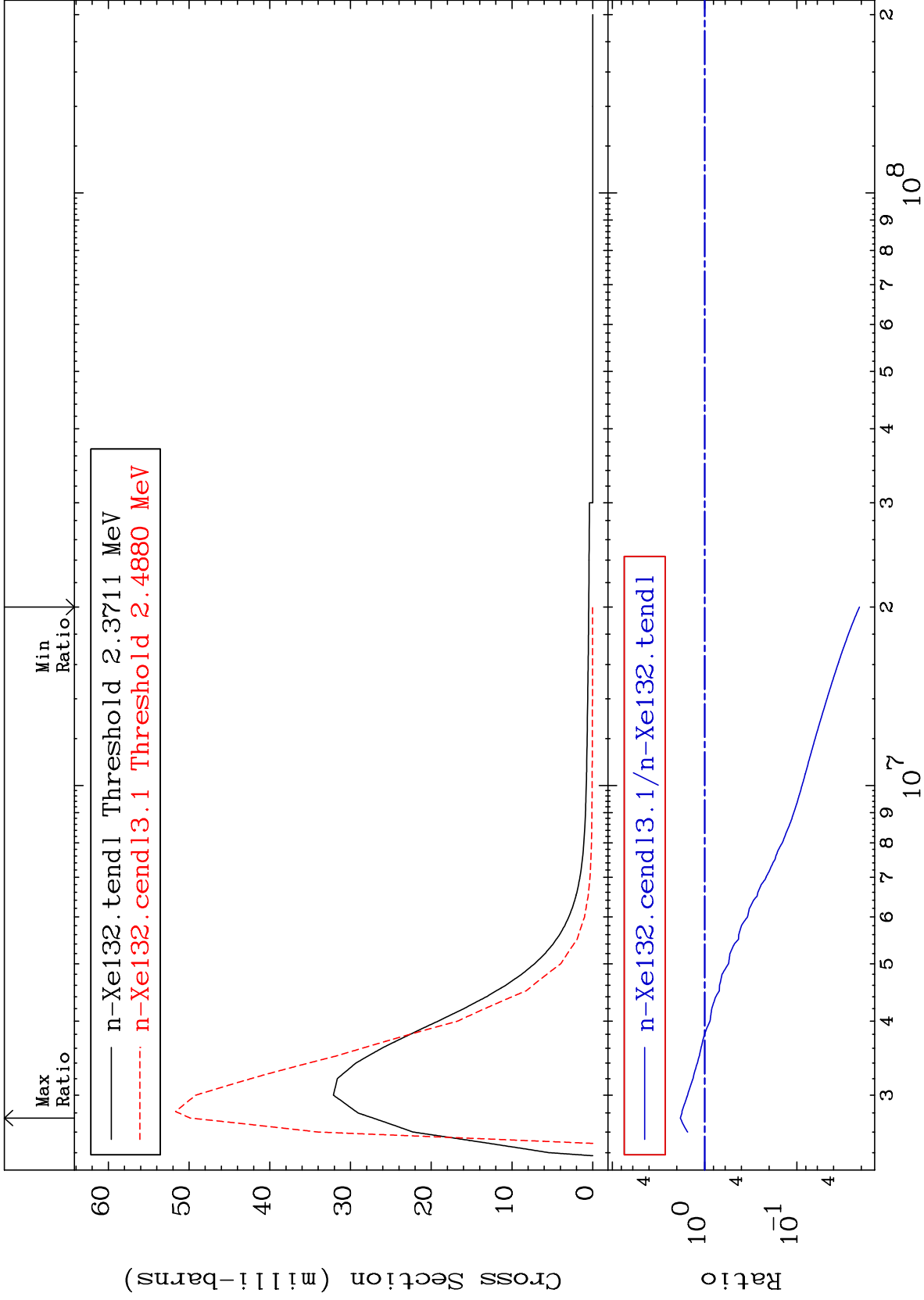
54-Xe-132
-33.52 To 9999. %

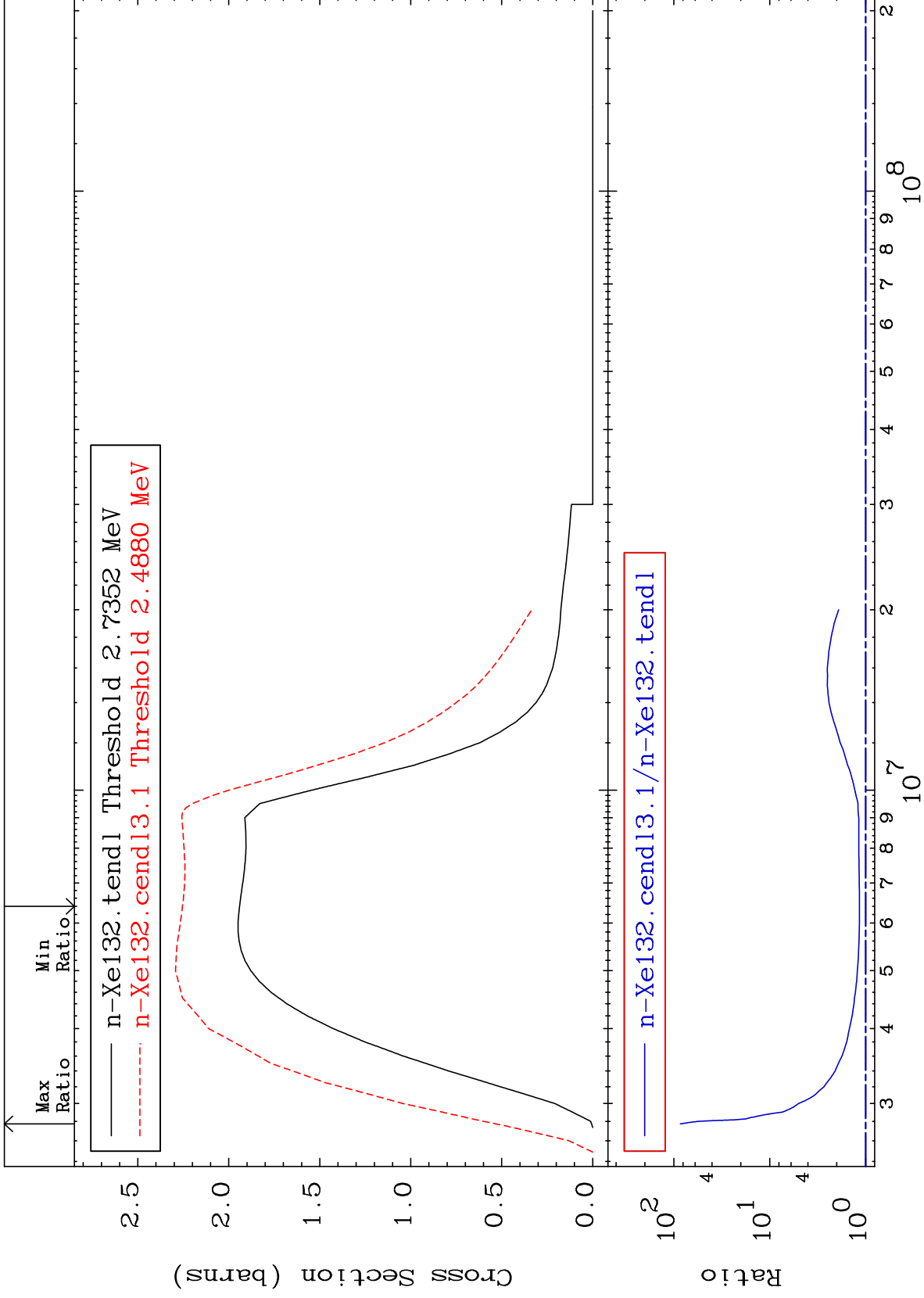


MAT 5449

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

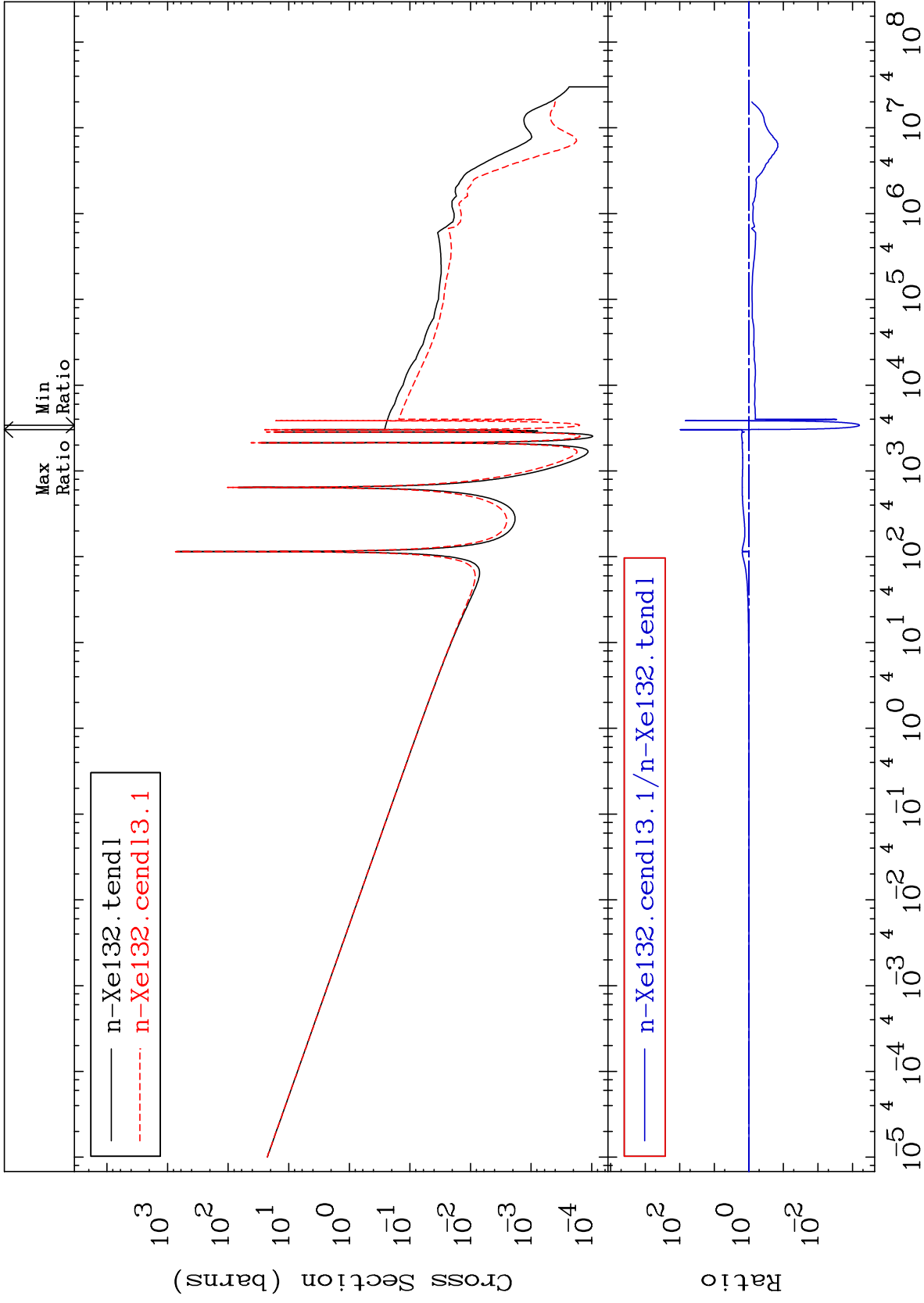
54-Xe-132
-97.90 To 83.16 %





Cross Section

-99.94 To 9498. %



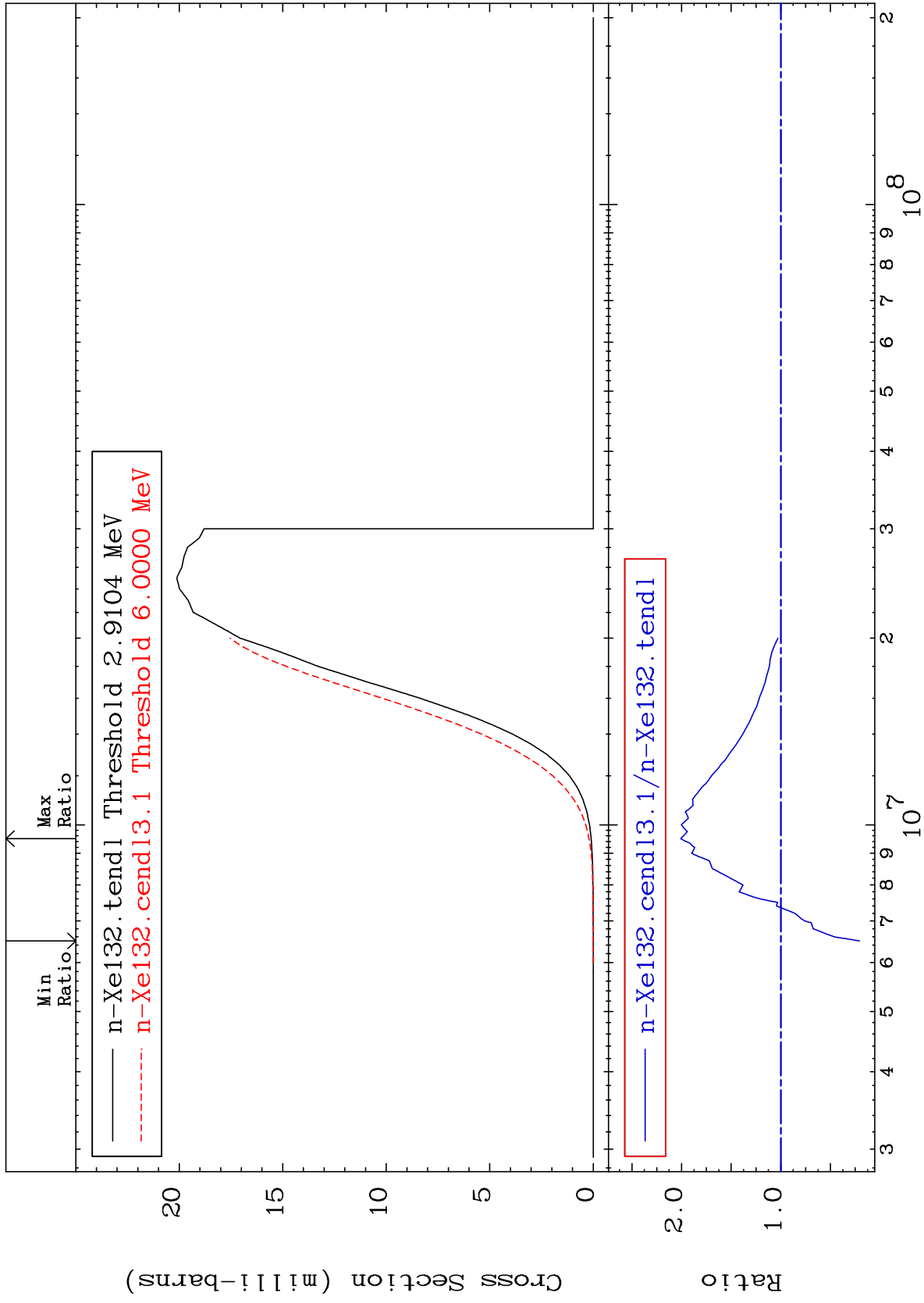
MAT 5449

(n, p)

54-Xe-132

Cross Section

-79.35 To 100.8 %



27

Incident Energy (eV)

54-Xe-132

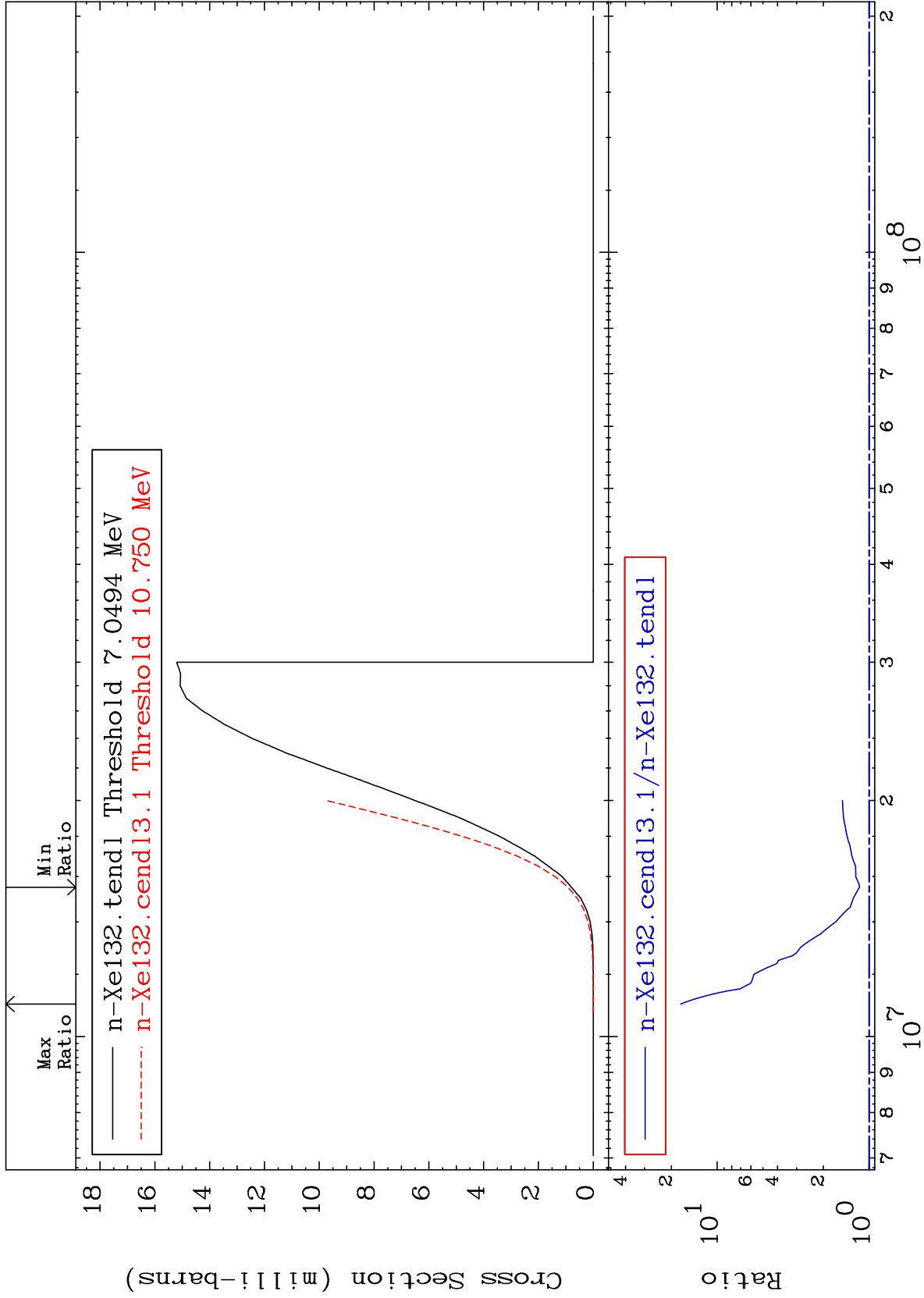
MAT 5449

(n, d)

54-Xe-132

Cross Section

15.72 To 1632. %



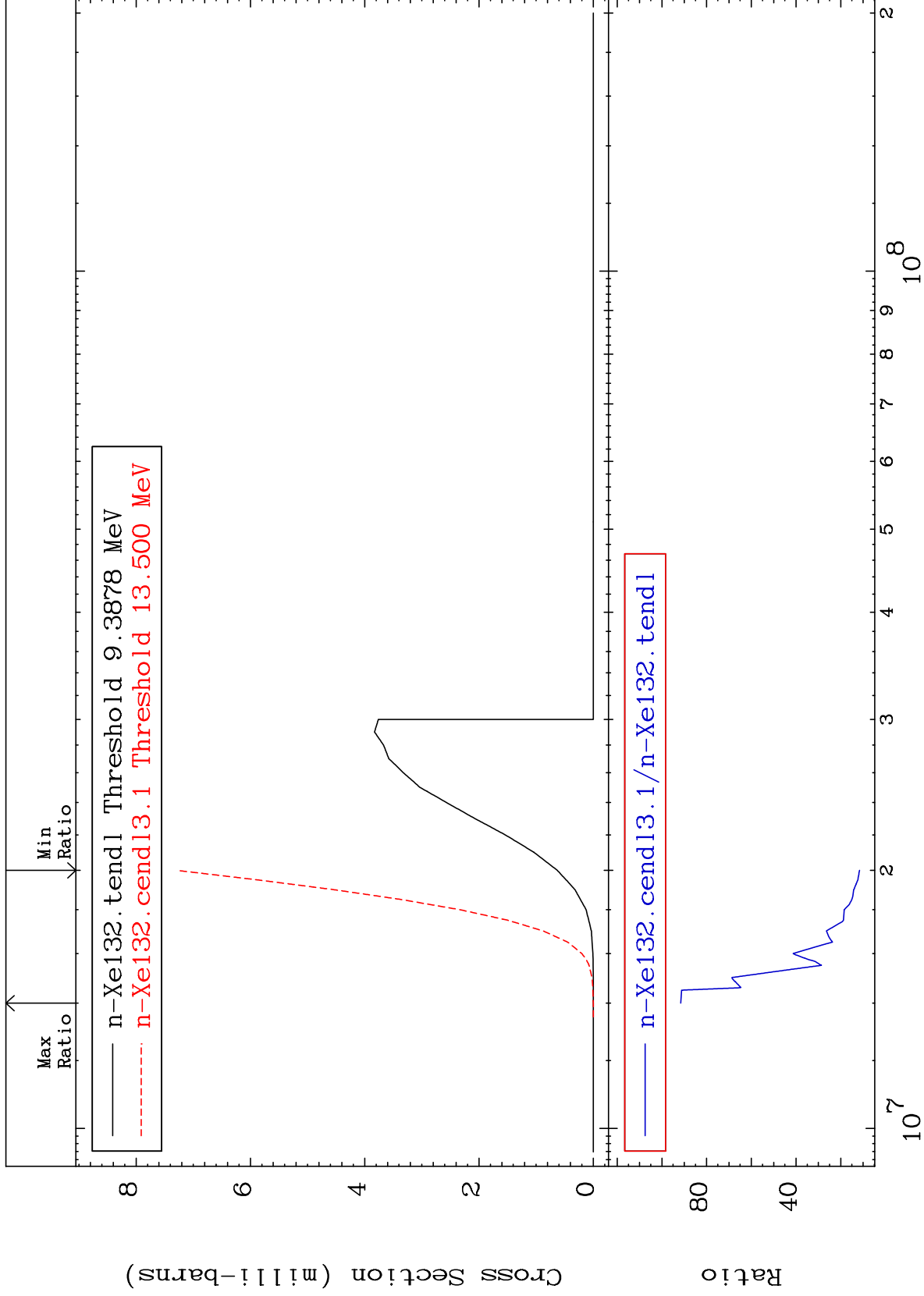
MAT 5449

(n, t)

54-Xe-132

Cross Section

1059. To 9056. %



29

54-Xe-132

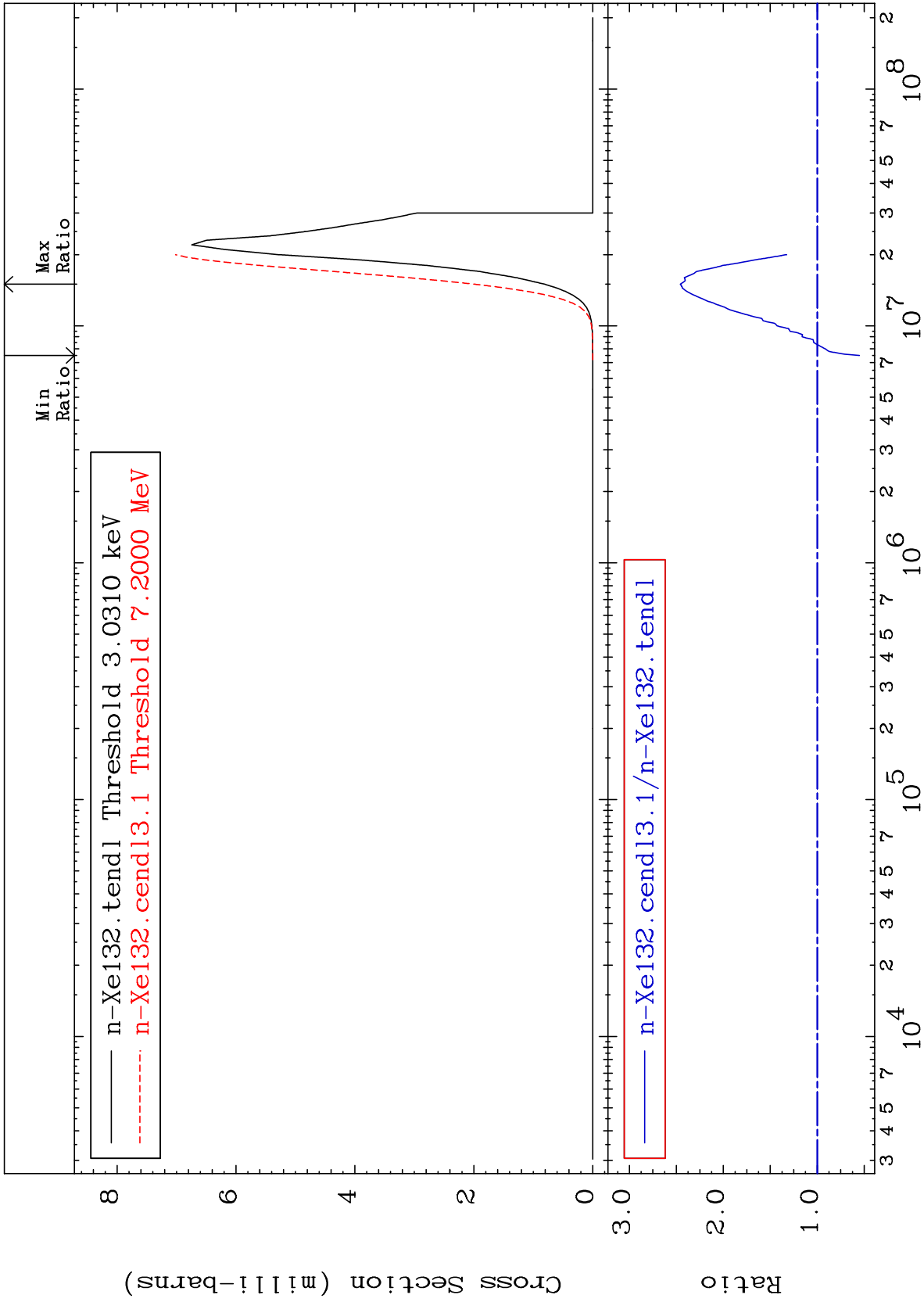
MAT 5449

(n, α)

54-Xe-132

Cross Section

-44.92 To 145.7 %



30

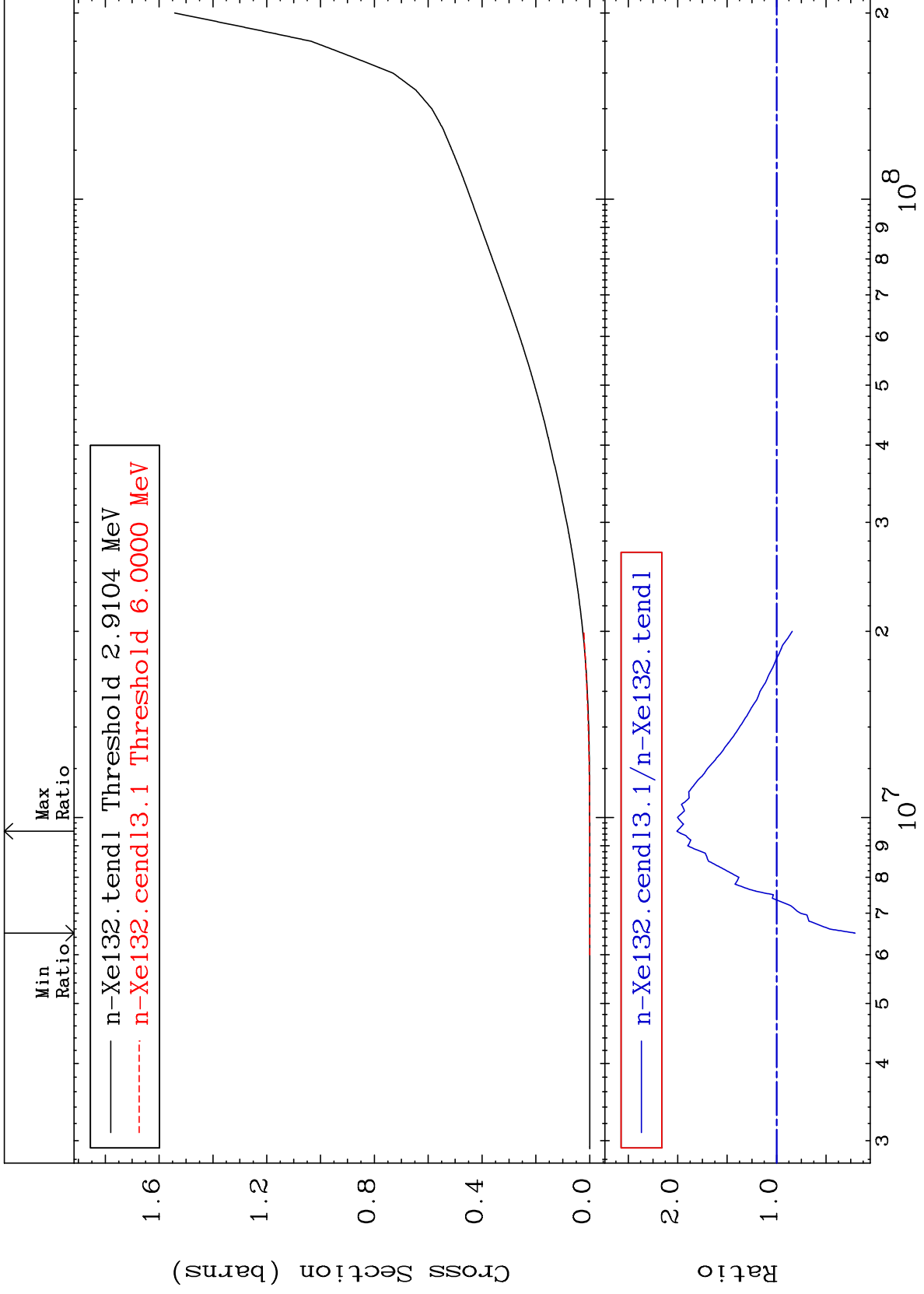
Incident Energy (eV)

54-Xe-132

MAT 5449

Hydrogen Production
Cross Section

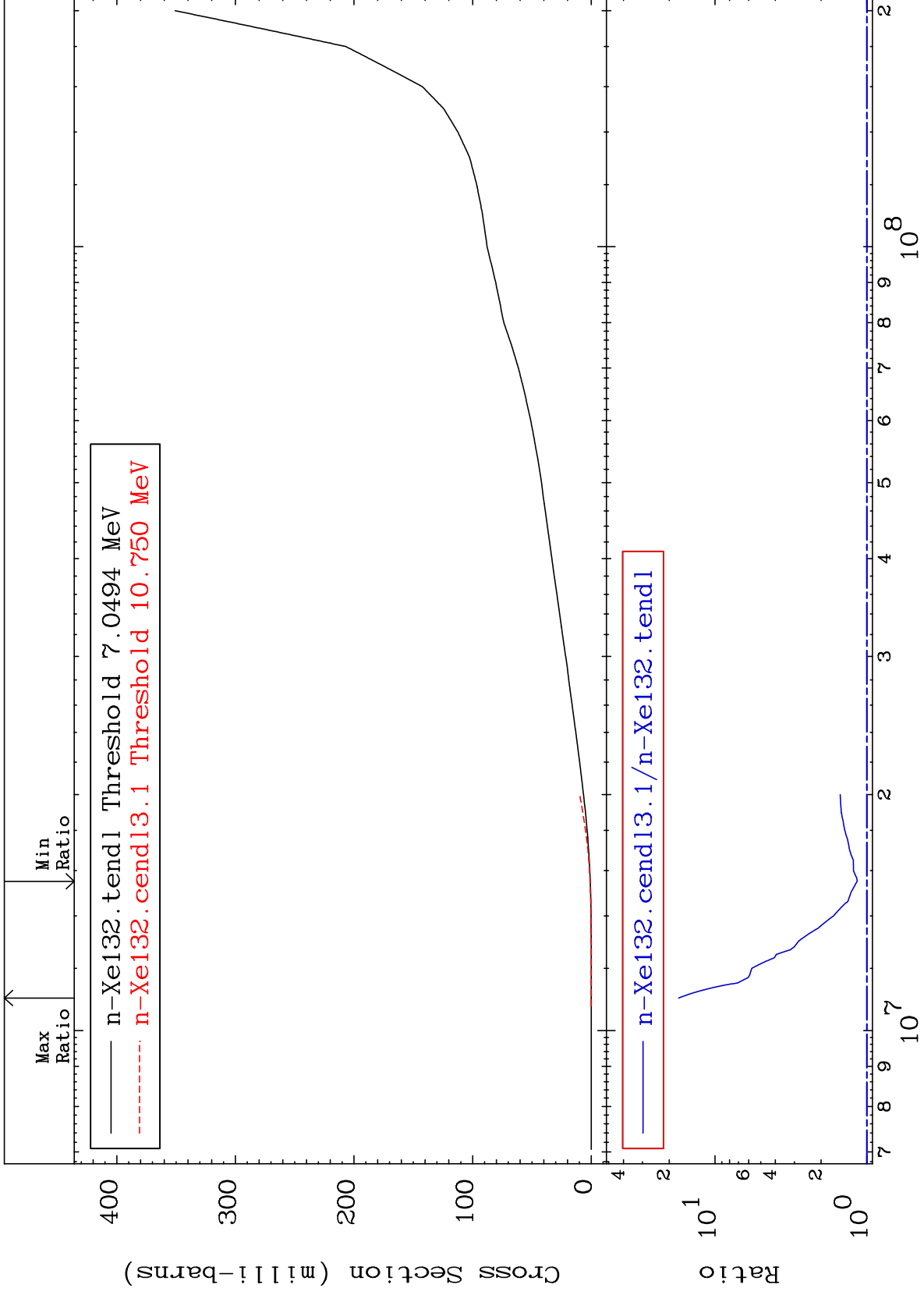
54-Xe-132
-79.35 To 100.8 %



MAT 5449

Deuterium Production
Cross Section

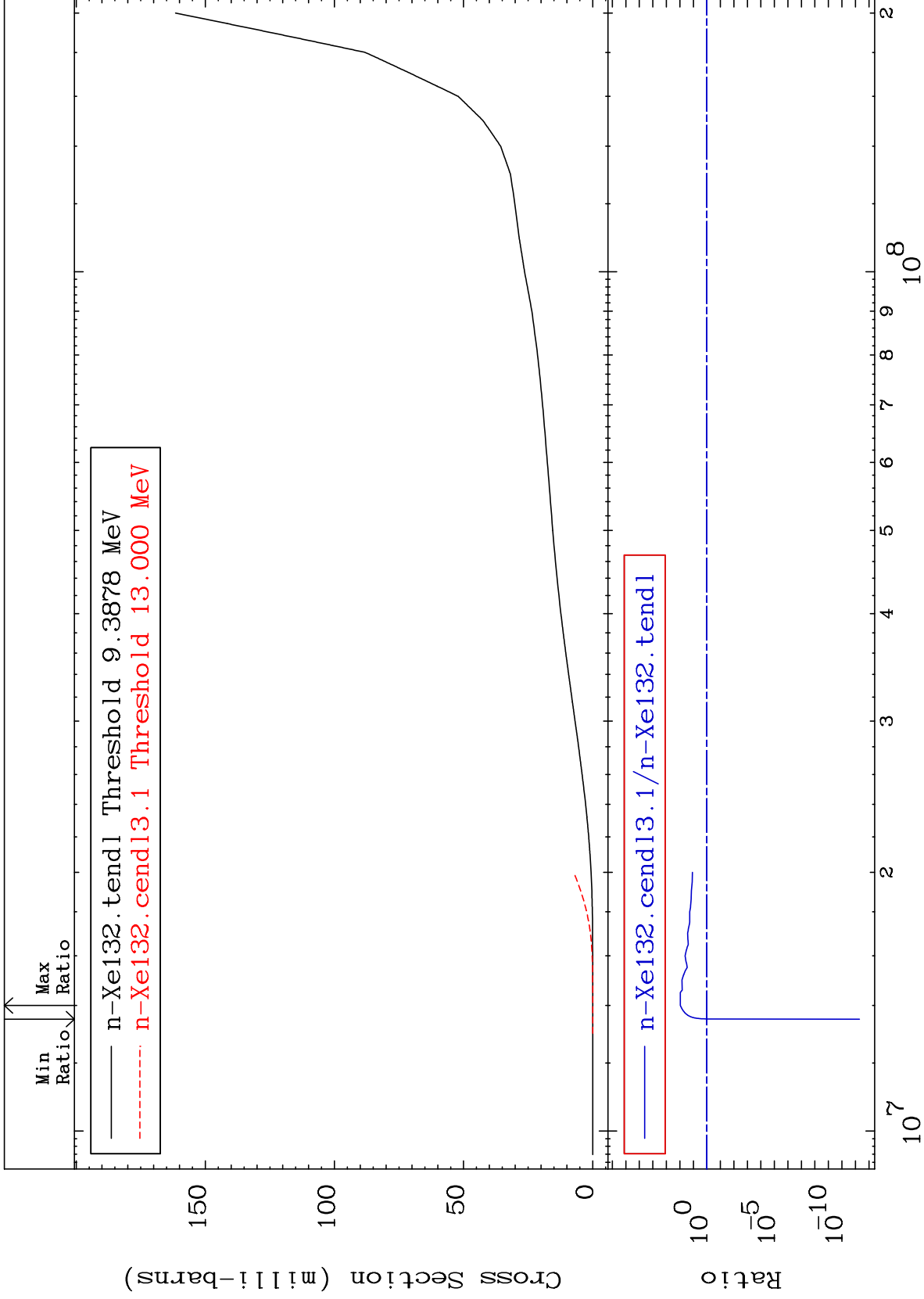
54-Xe-132
15.72 To 1632. %



MAT 5449

Tritium Production
Cross Section

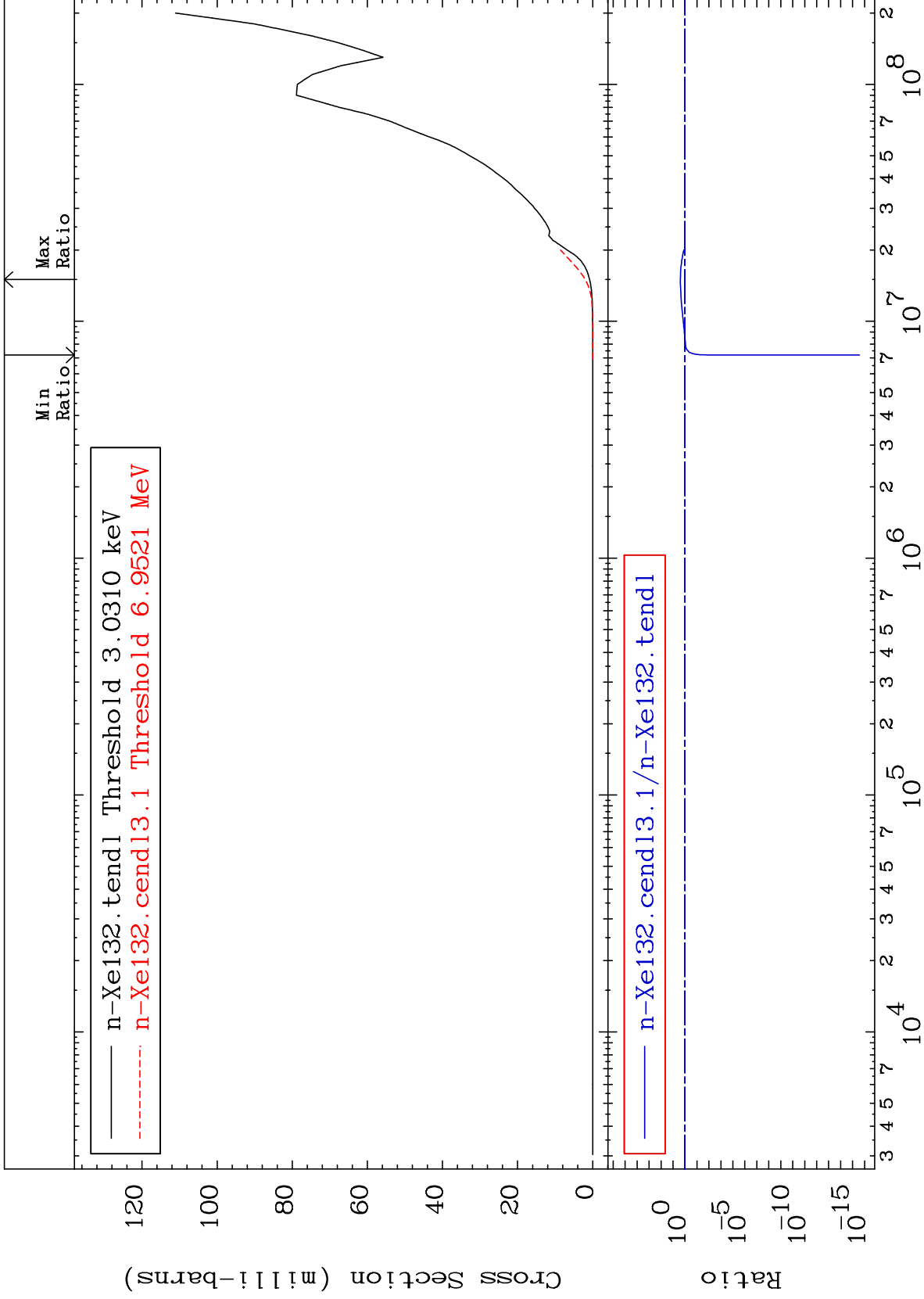
54-Xe-132
-100.0 To 9056. %

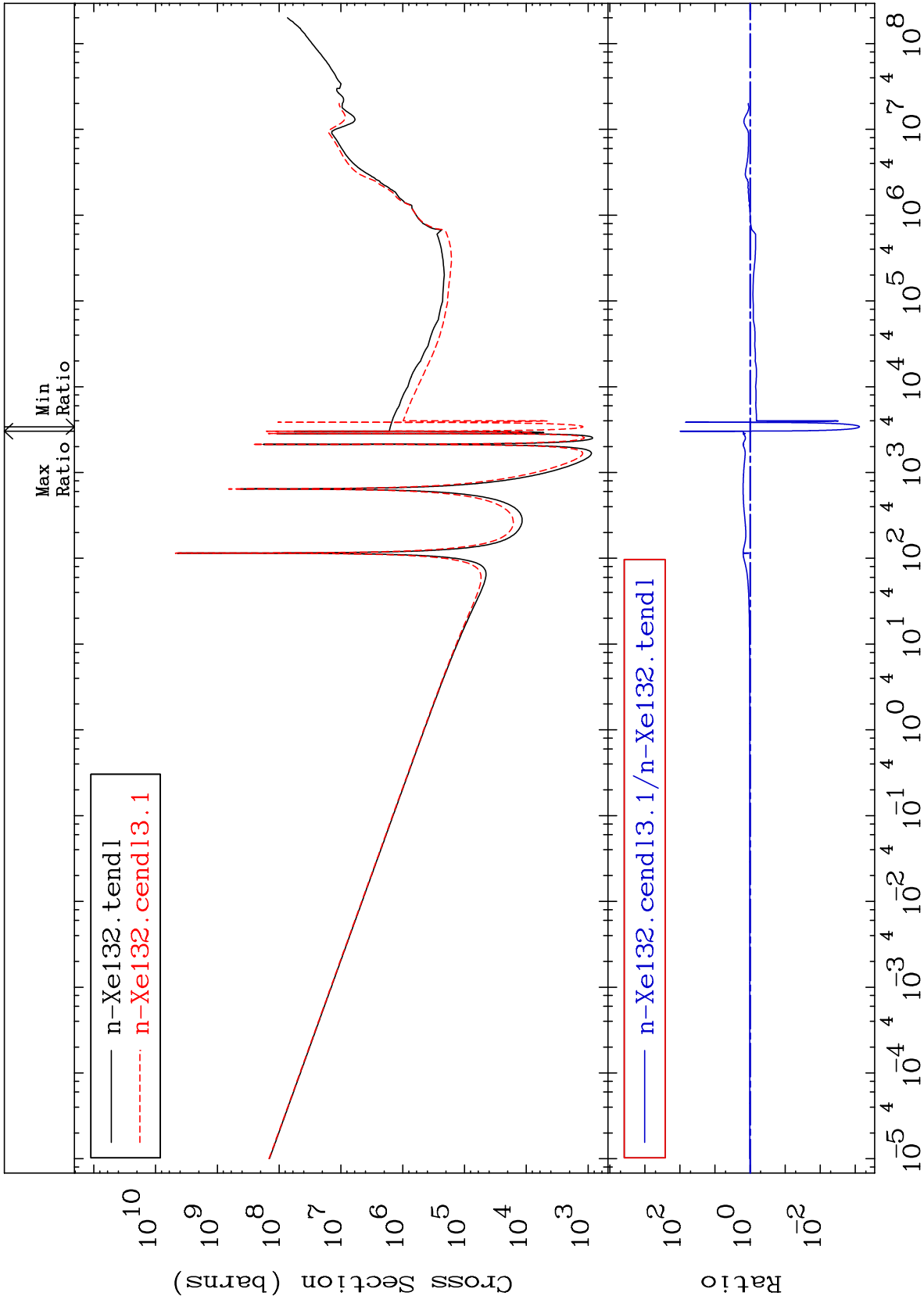


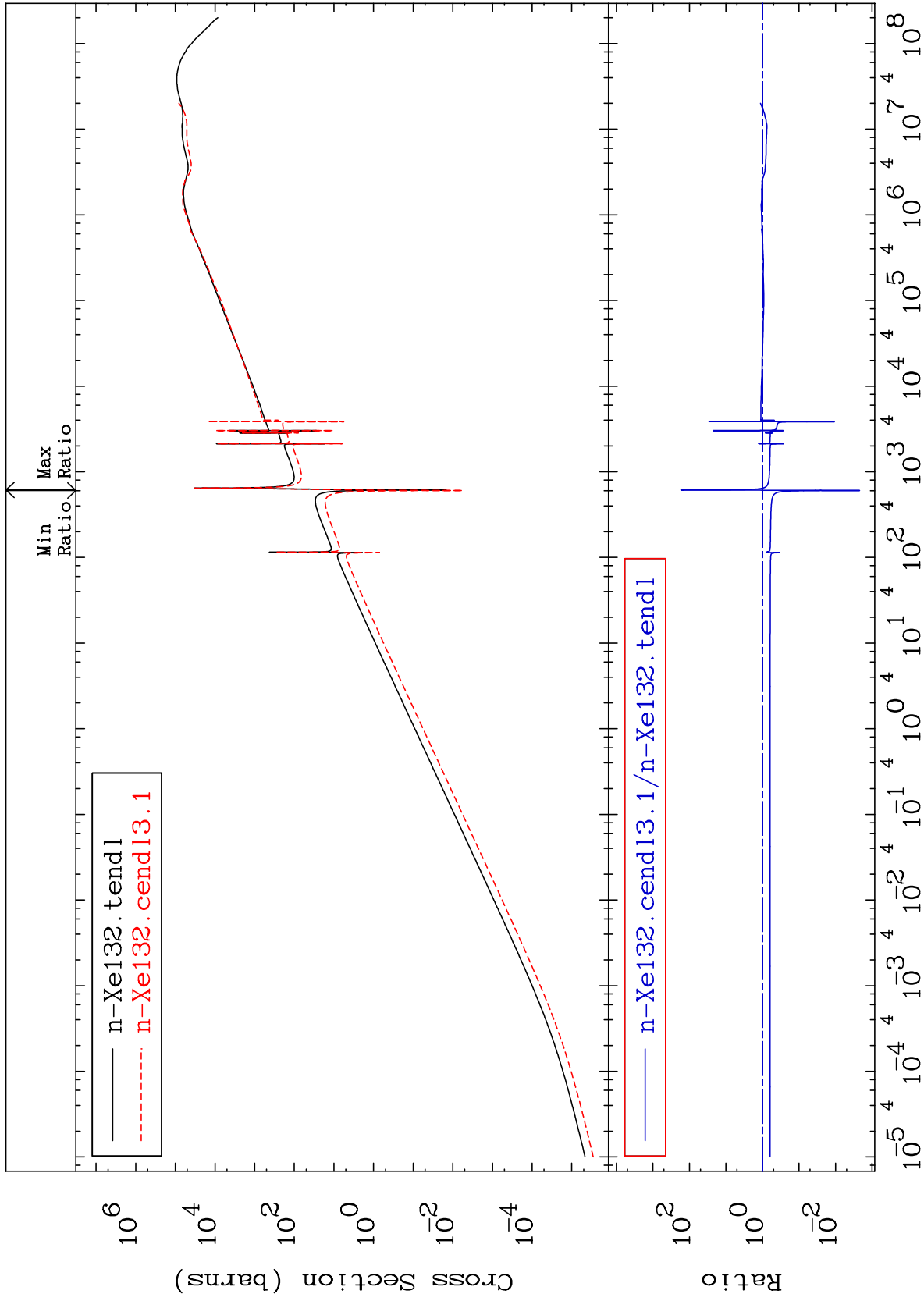
33

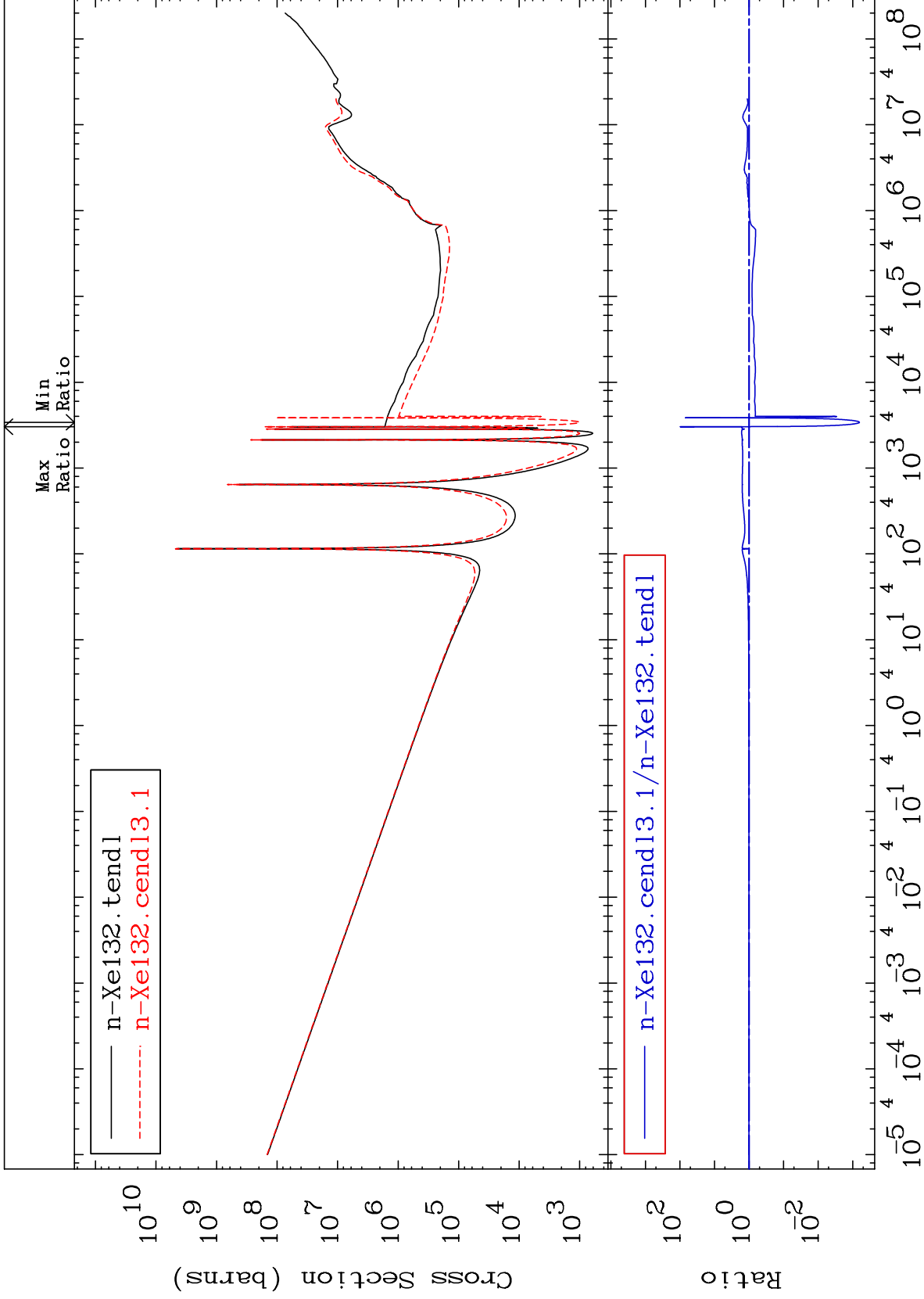
Incident Energy (eV)

54-Xe-132





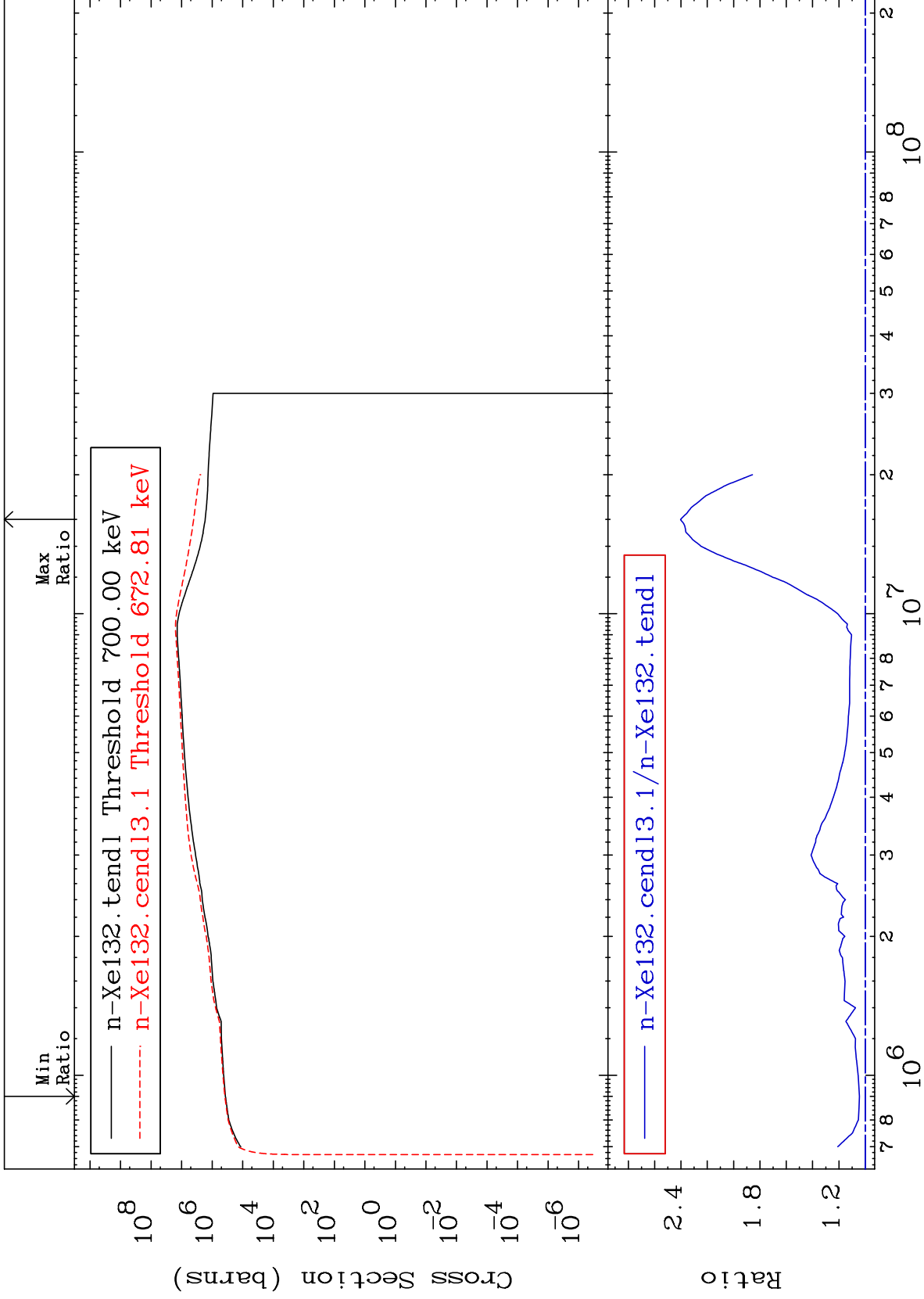




MAT 5449

Kerma inelastic (mt51-91)
Cross Section

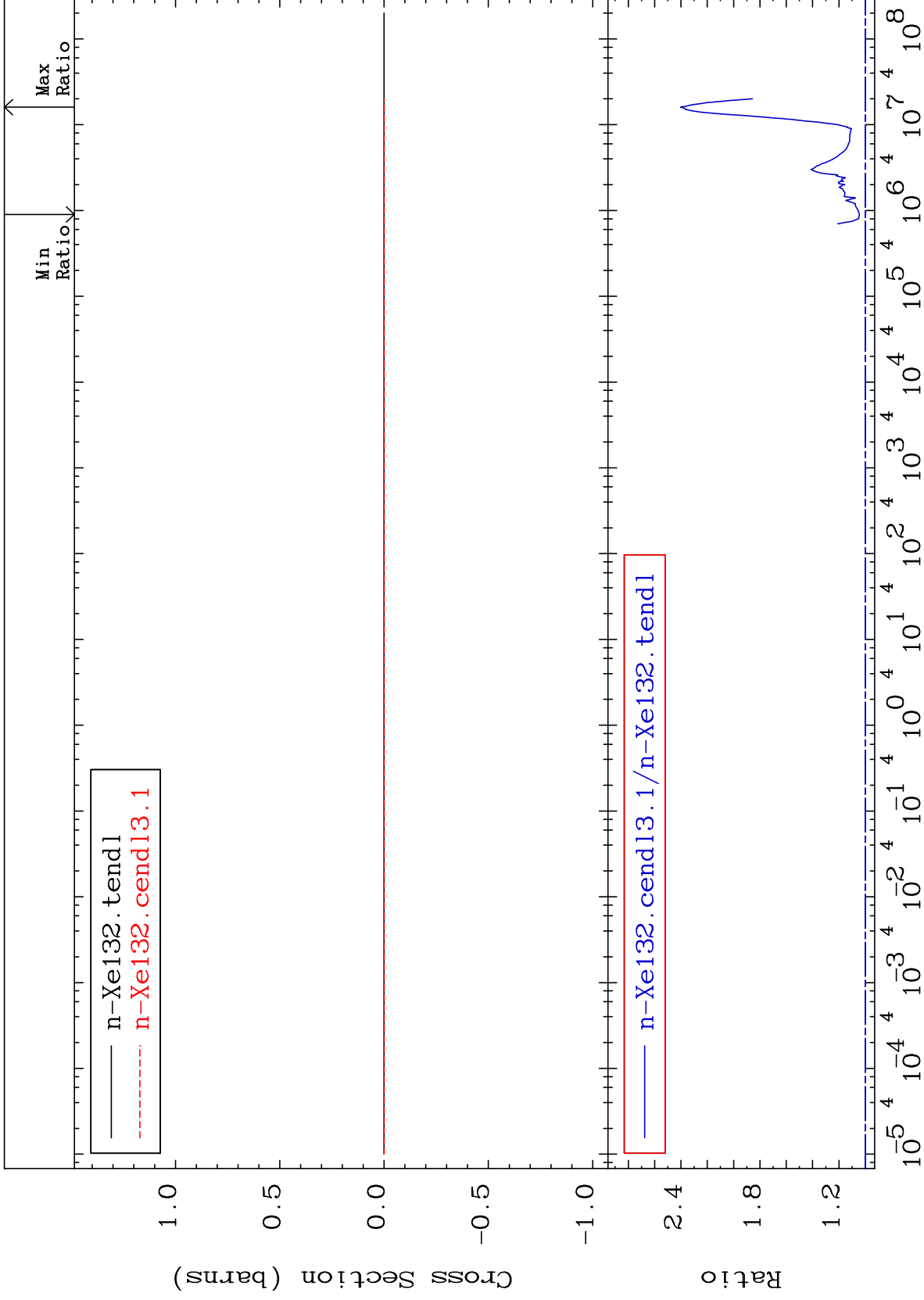
54-Xe-132
4.430 To 140.5 %



MAT 5449

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

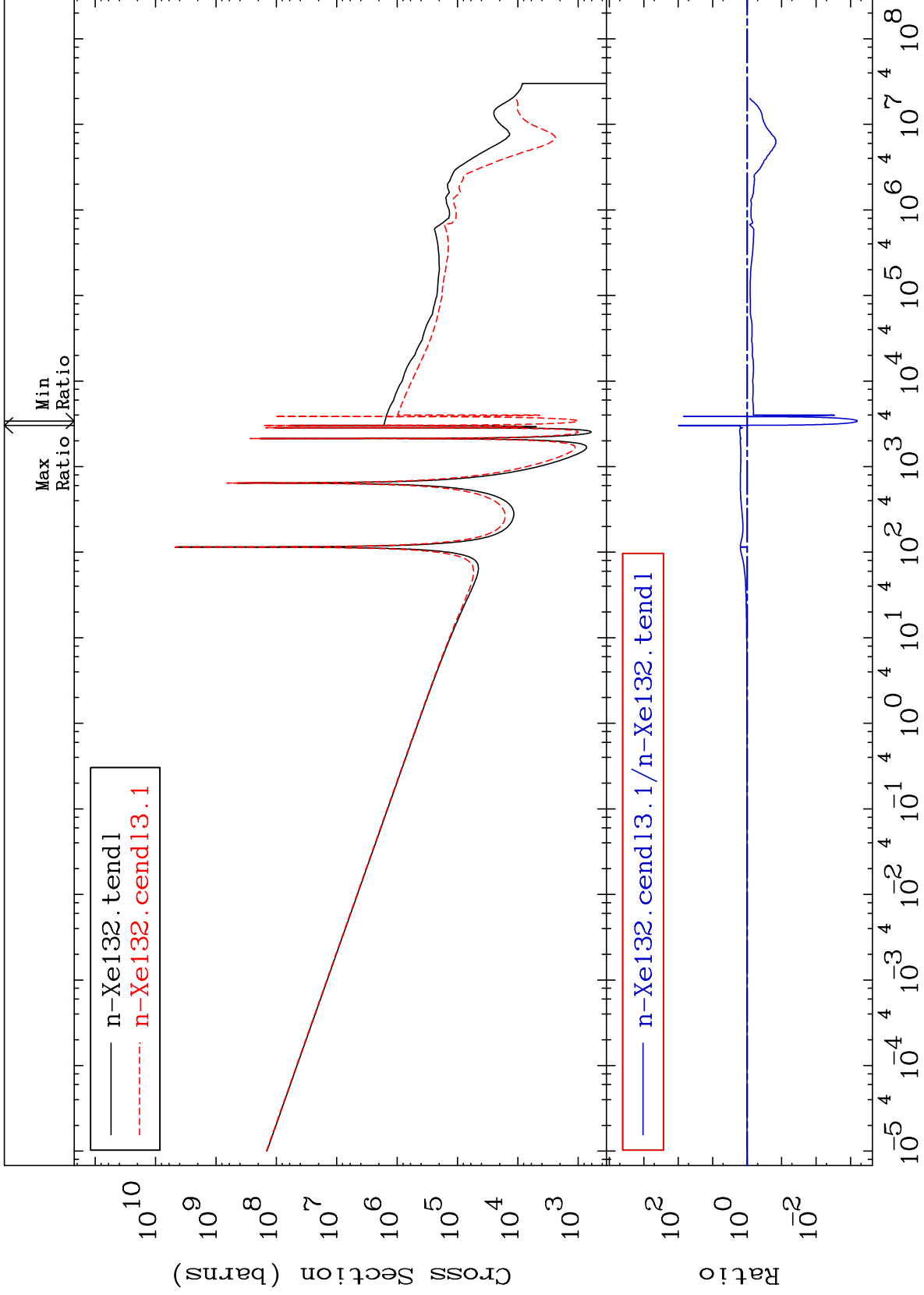
54-Xe-132
4.430 To 140.5 %



MAT 5449

Kerma capture (mt102)
Cross Section

54-Xe-132
-99.94 To 9645. %



40

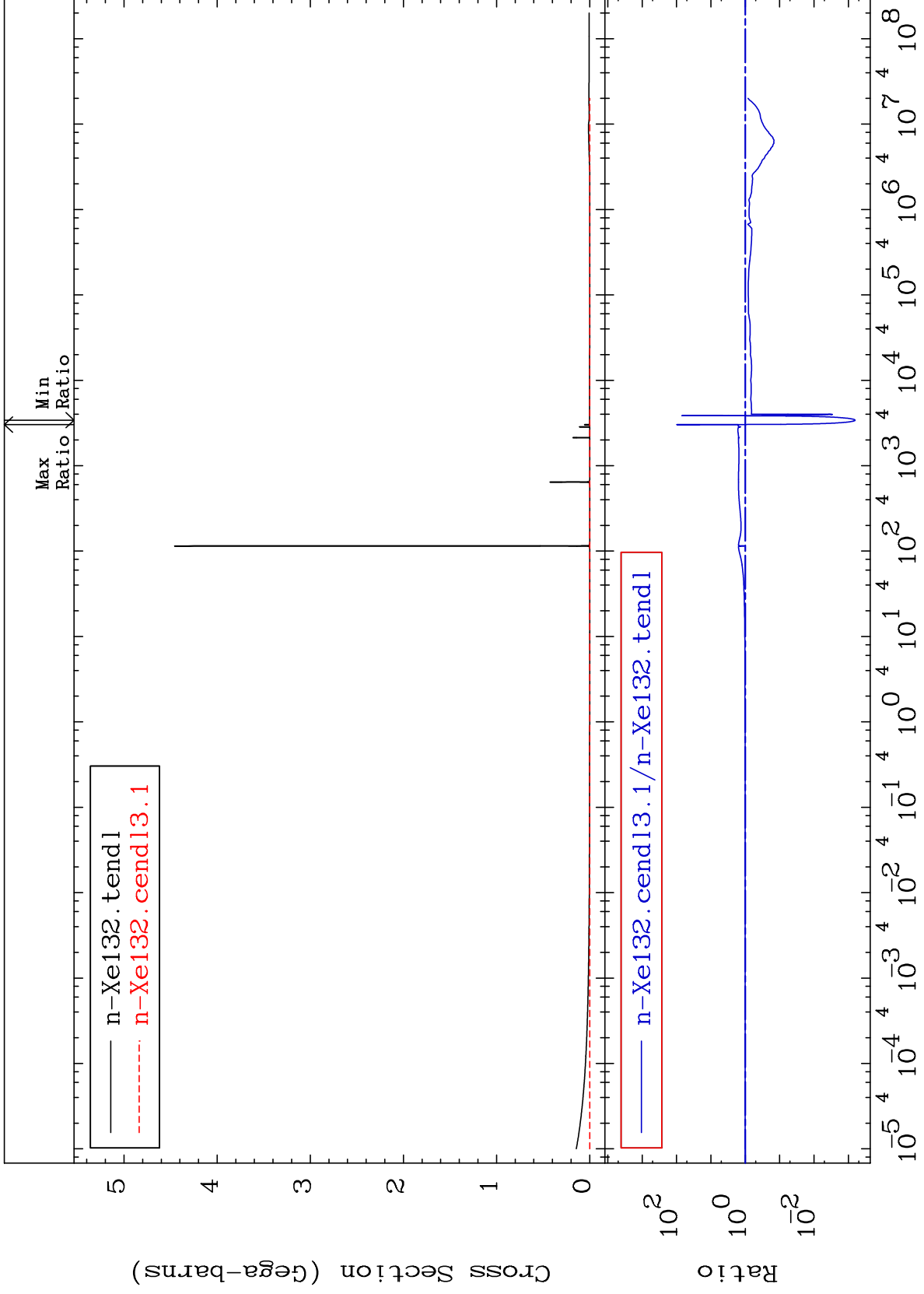
Incident Energy (eV)

54-Xe-132

MAT 5449

Total photon (eV-barns)
Cross Section

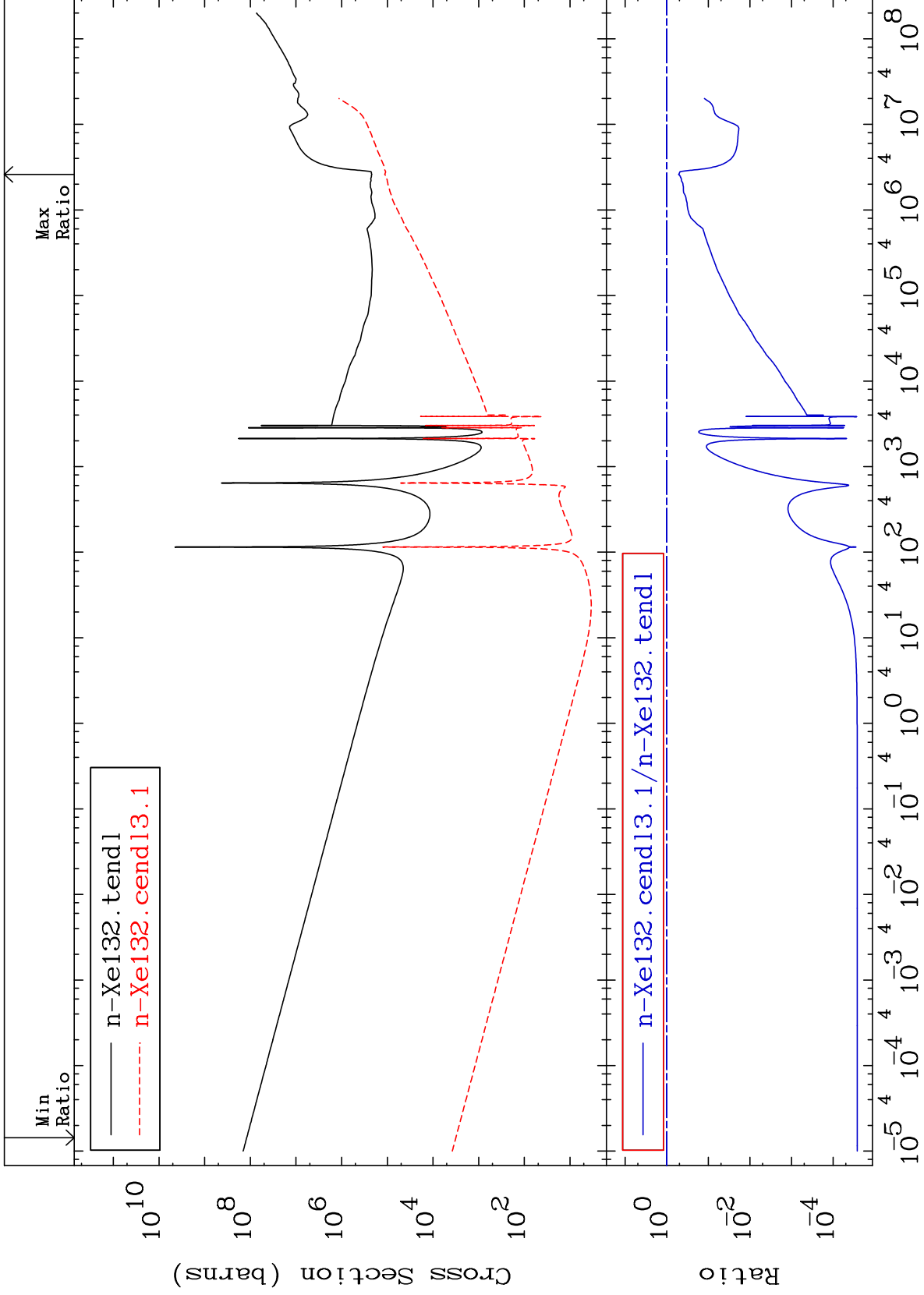
54-Xe-132
-99.94 To 9645. %

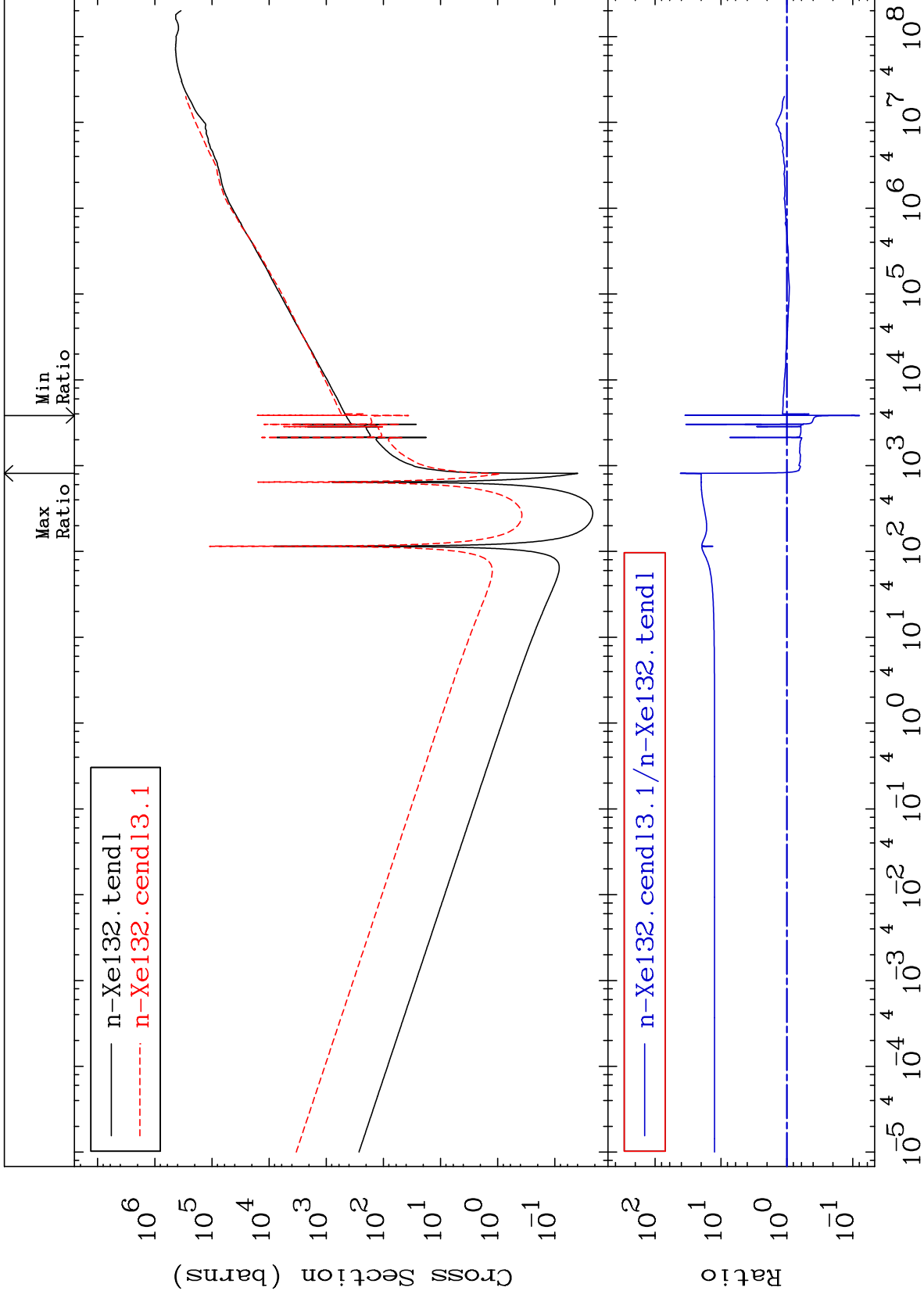


MAT 5449

Total kinematic kerma (high limit)
Cross Section

54-Xe-132
-100.0 To -48.07%

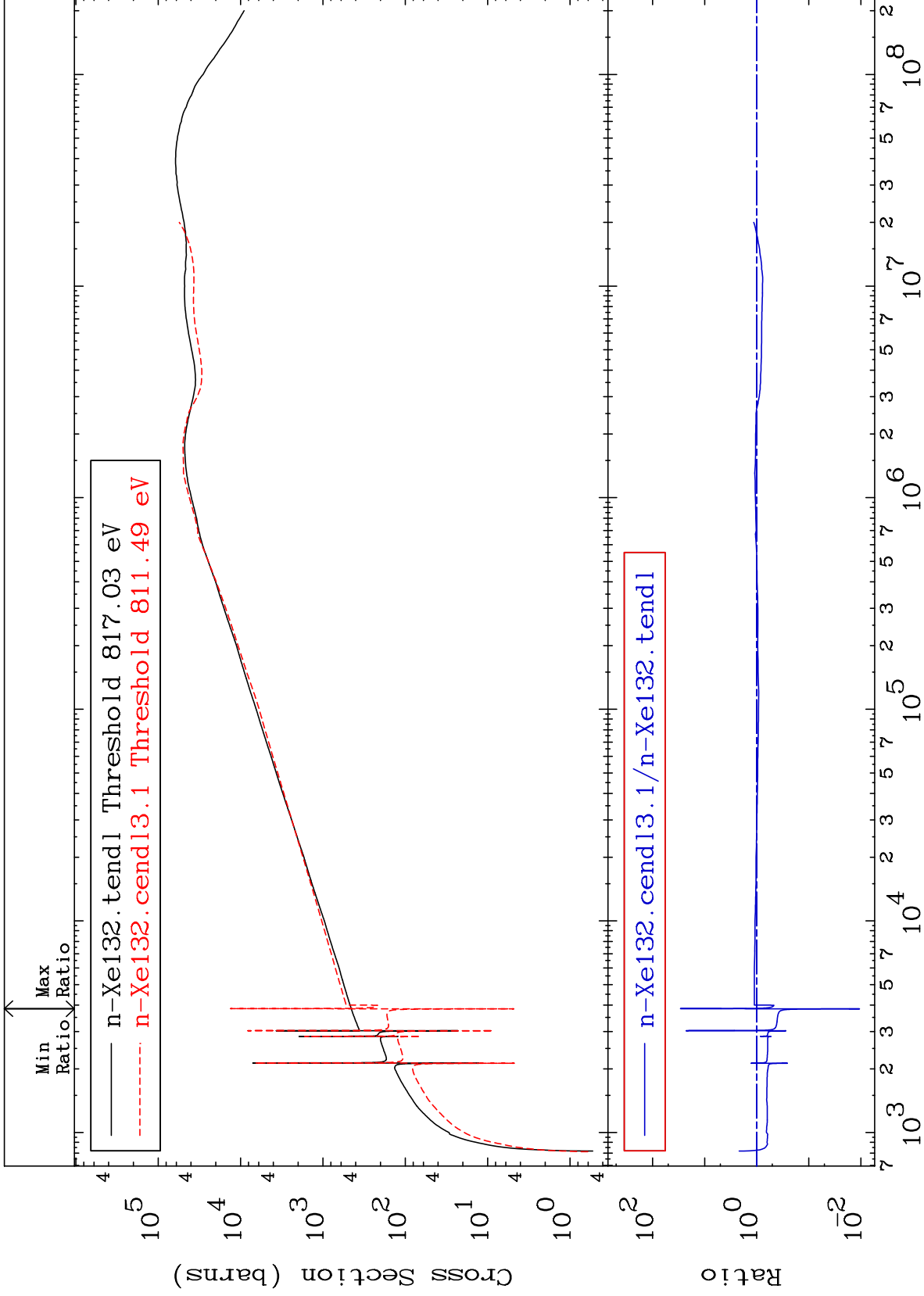




MAT 5449

Dpa elastic (mt2)
Cross Section

54-Xe-132
-98.94 To 2826. %



44

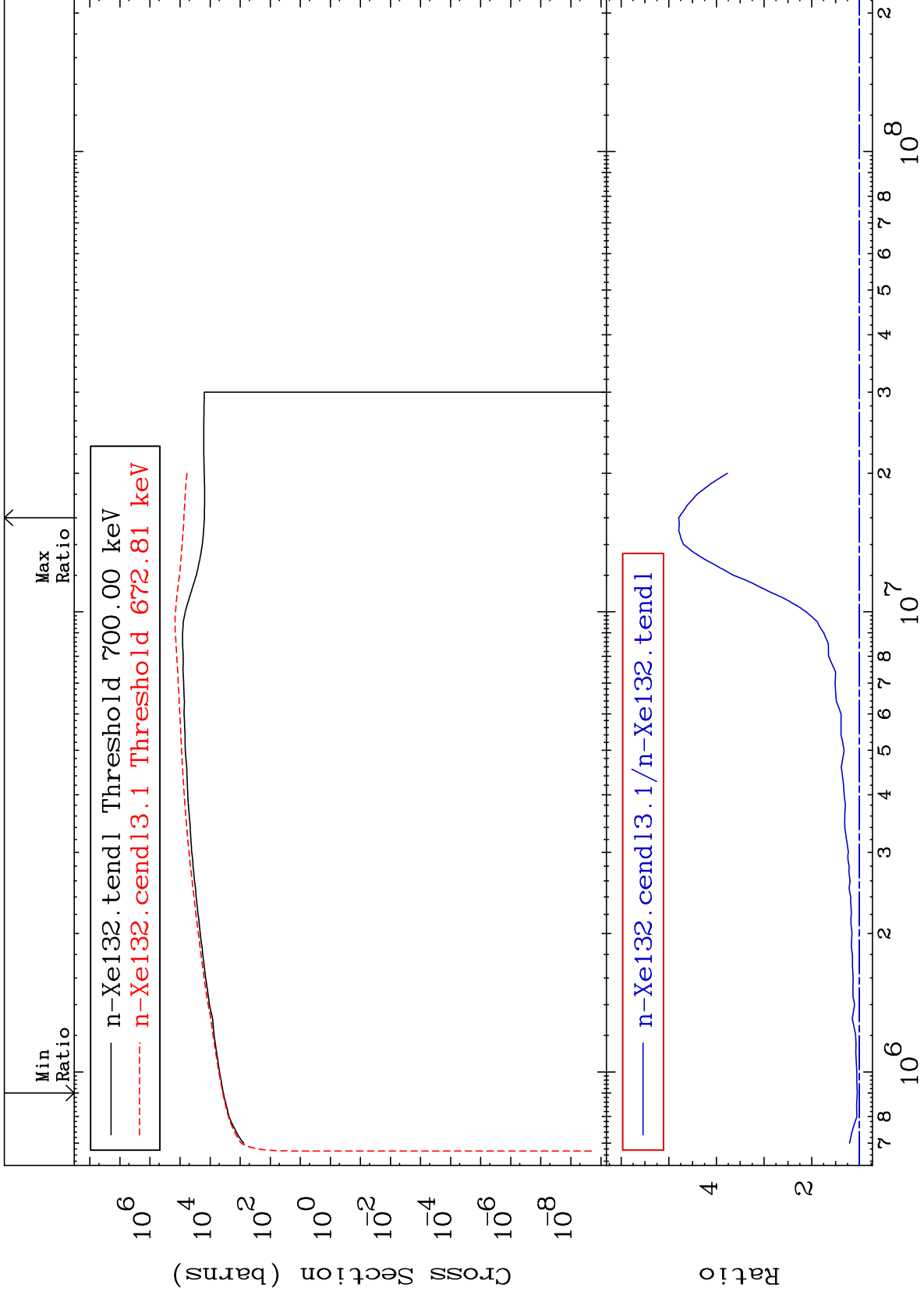
Incident Energy (eV)

54-Xe-132

MAT 5449

Dpa inelastic (mt51-91)
Cross Section

54-Xe-132
4.431 To 379.3 %



45

Incident Energy (eV)

54-Xe-132

