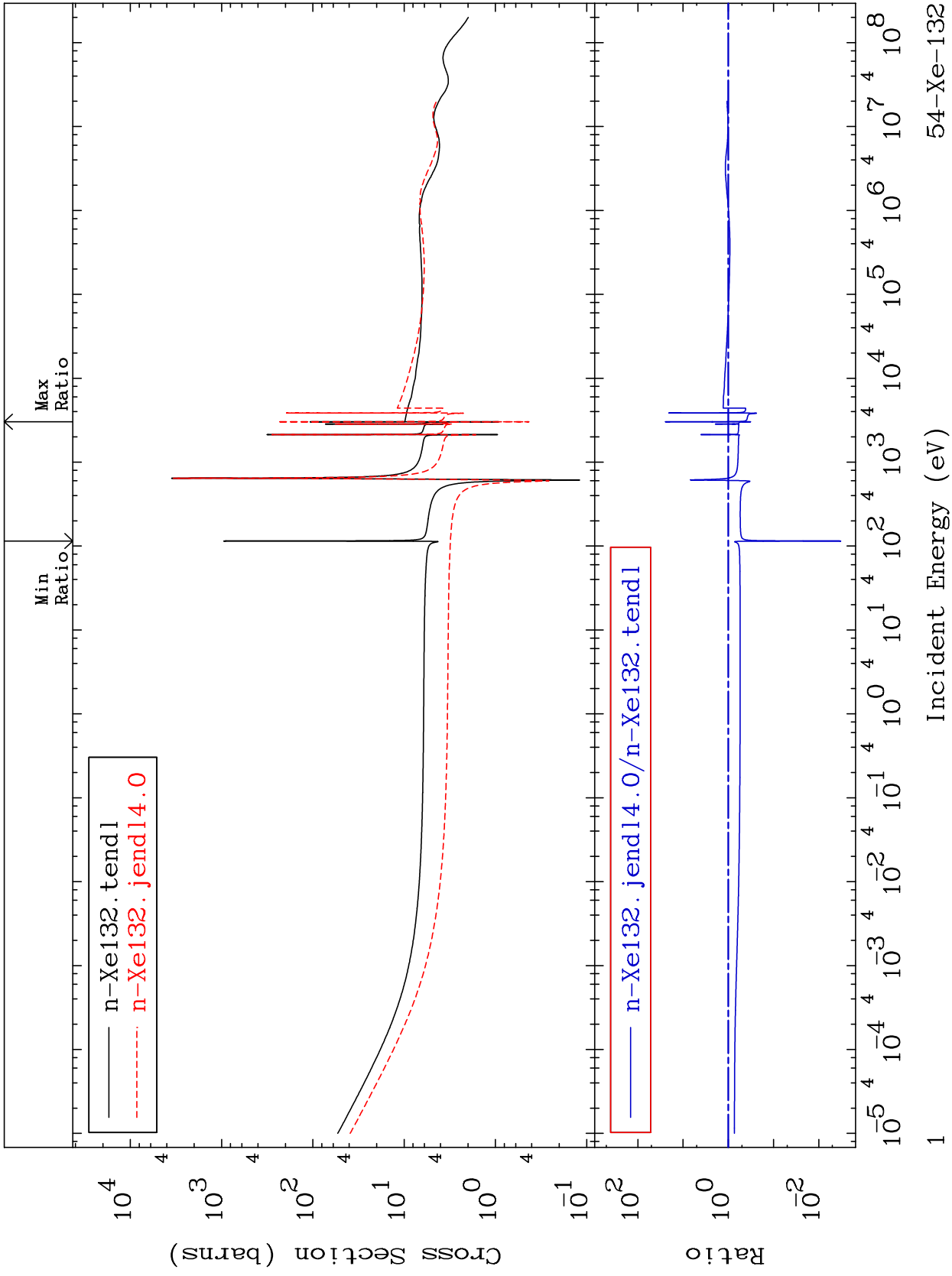


MAT 5449

Total Cross Section
54-Xe-132
-99.67 To 2346. %



54-Xe-132

Incident Energy (eV)

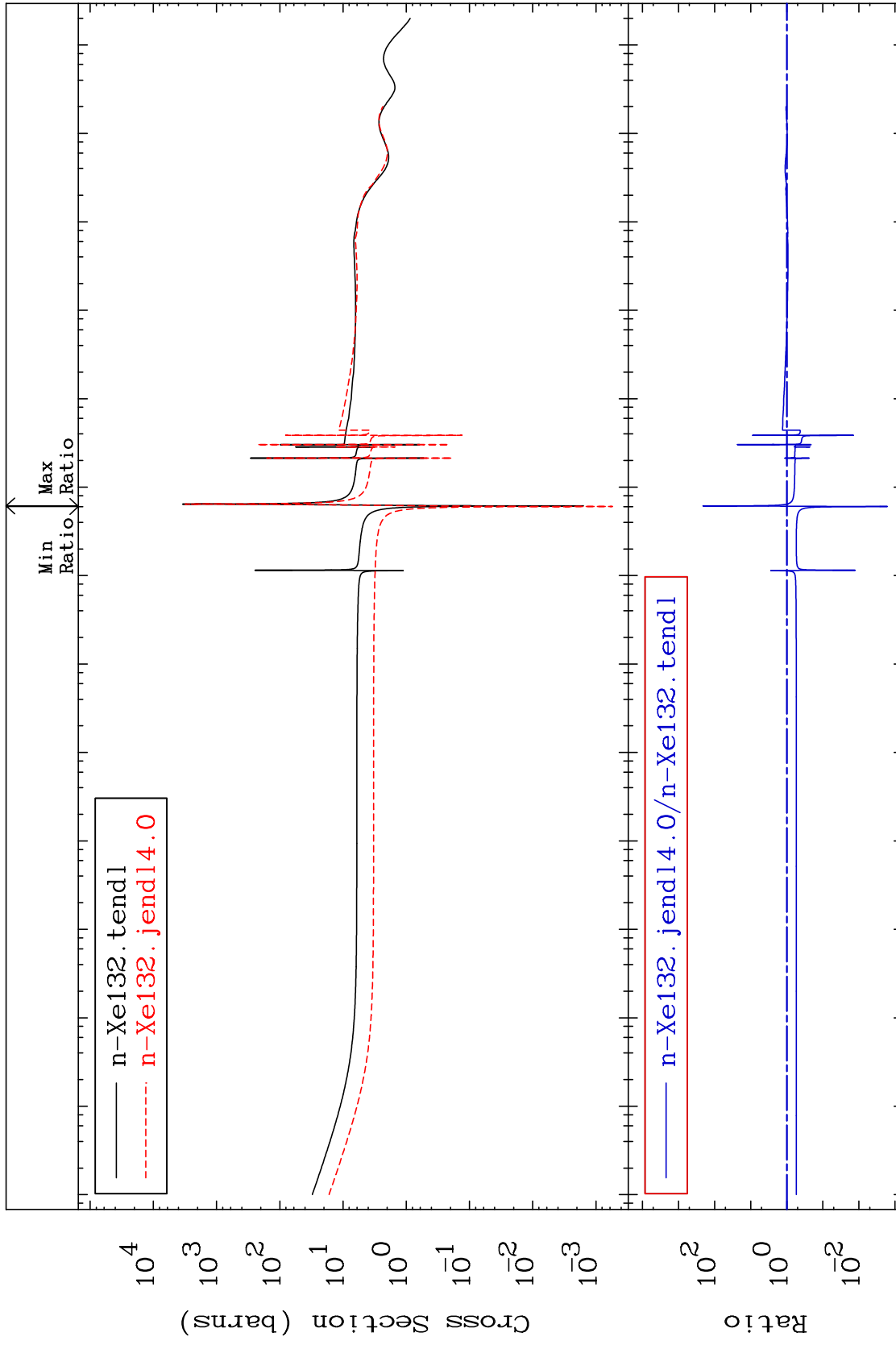
MAT 5449

Elastic

54-Xe-132

Cross Section

-99.84 To 9999. %



— n-Xe132.tendl
- - - n-Xe132.jendl4.0

— n-Xe132.jendl4.0/n-Xe132.tendl

Incident Energy (eV)

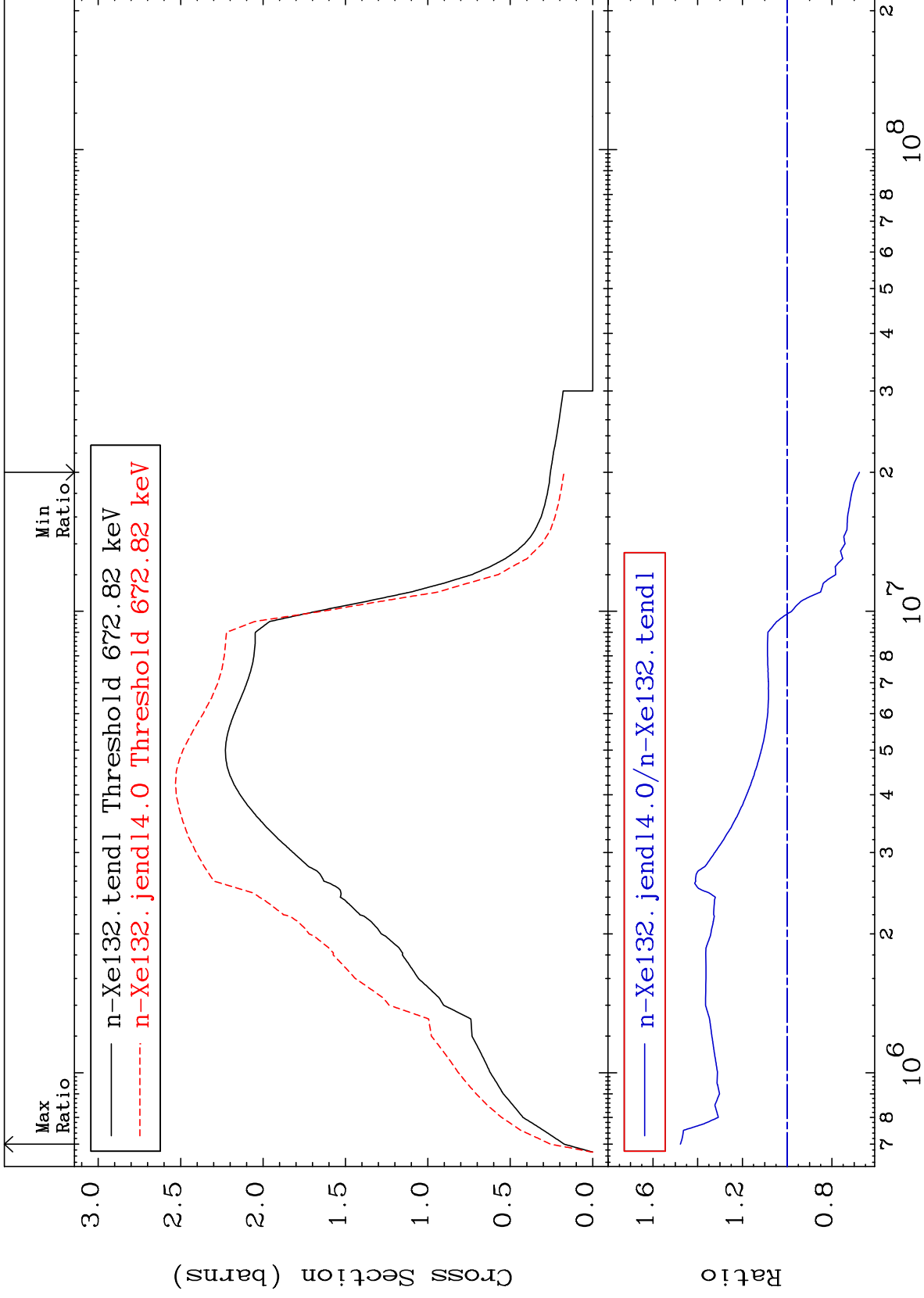
54-Xe-132

2

MAT 5449

Inelastic
Cross Section

54-Xe-132
-32.29 To 47.73 %



3

Incident Energy (eV)

54-Xe-132

MAT 5449

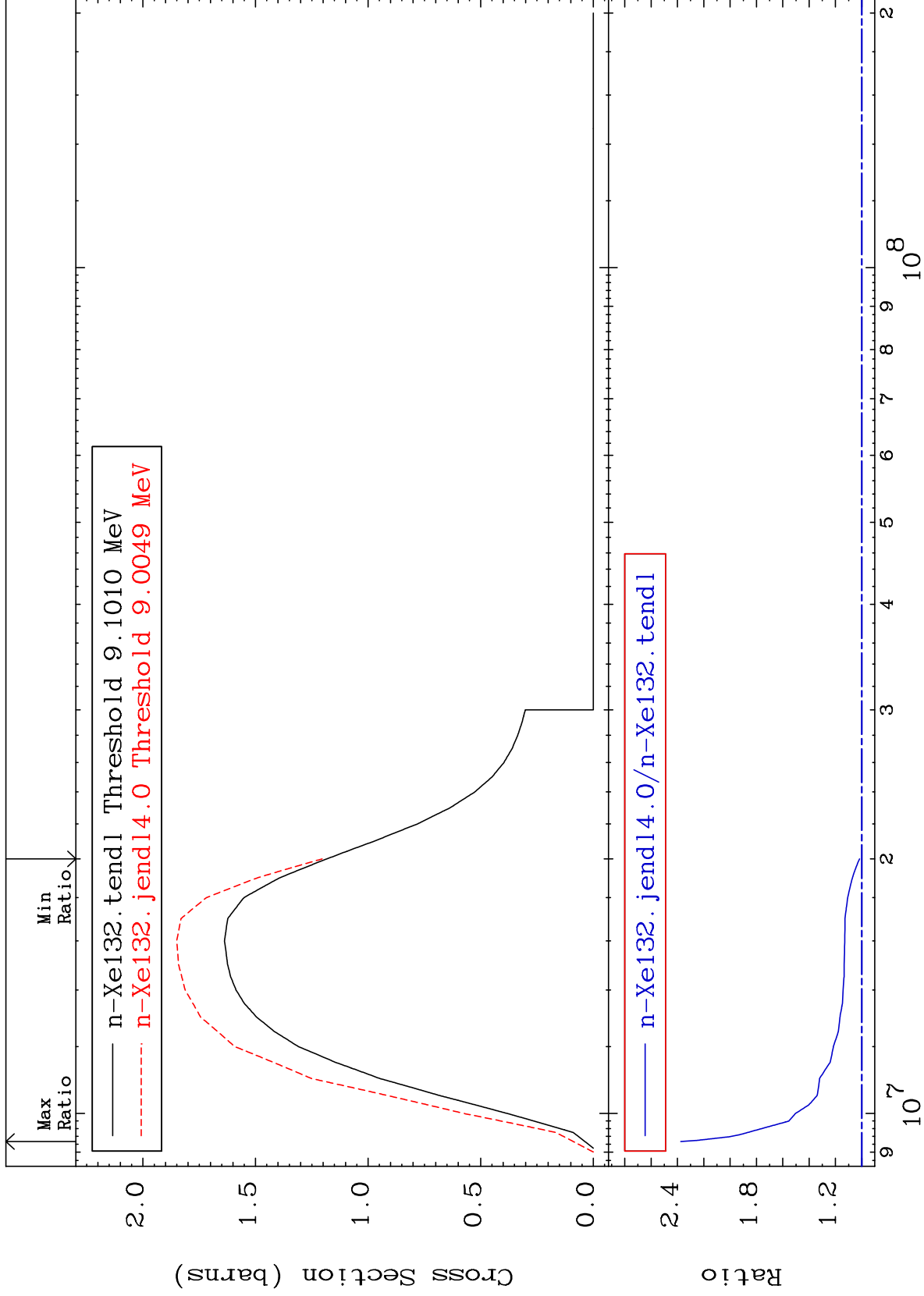
(n,2n)

54-Xe-132

Cross Section

1.729

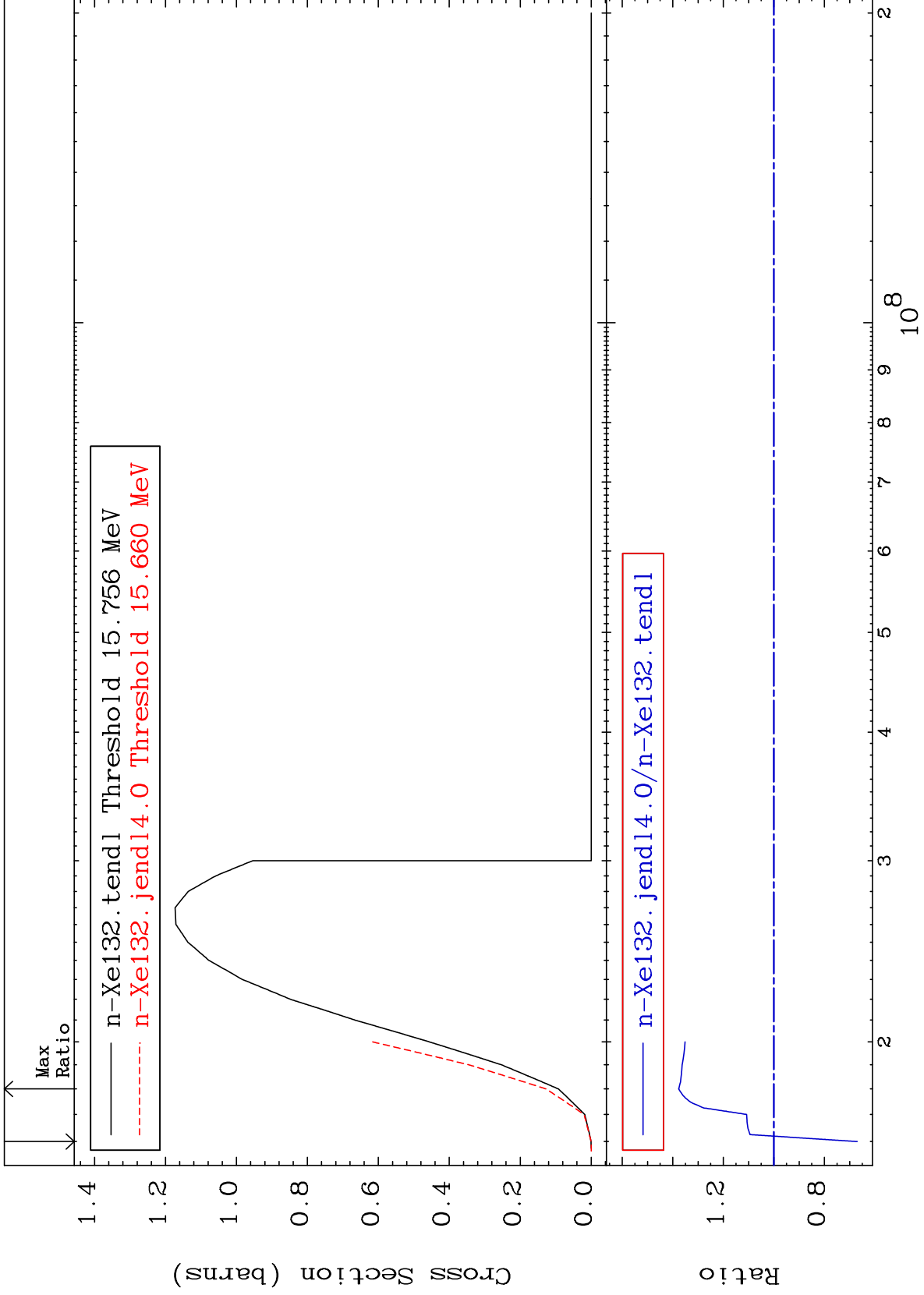
To 137.5 %



MAT 5449

(n,3n)
Cross Section

54-Xe-132
-33.00 To 37.69 %

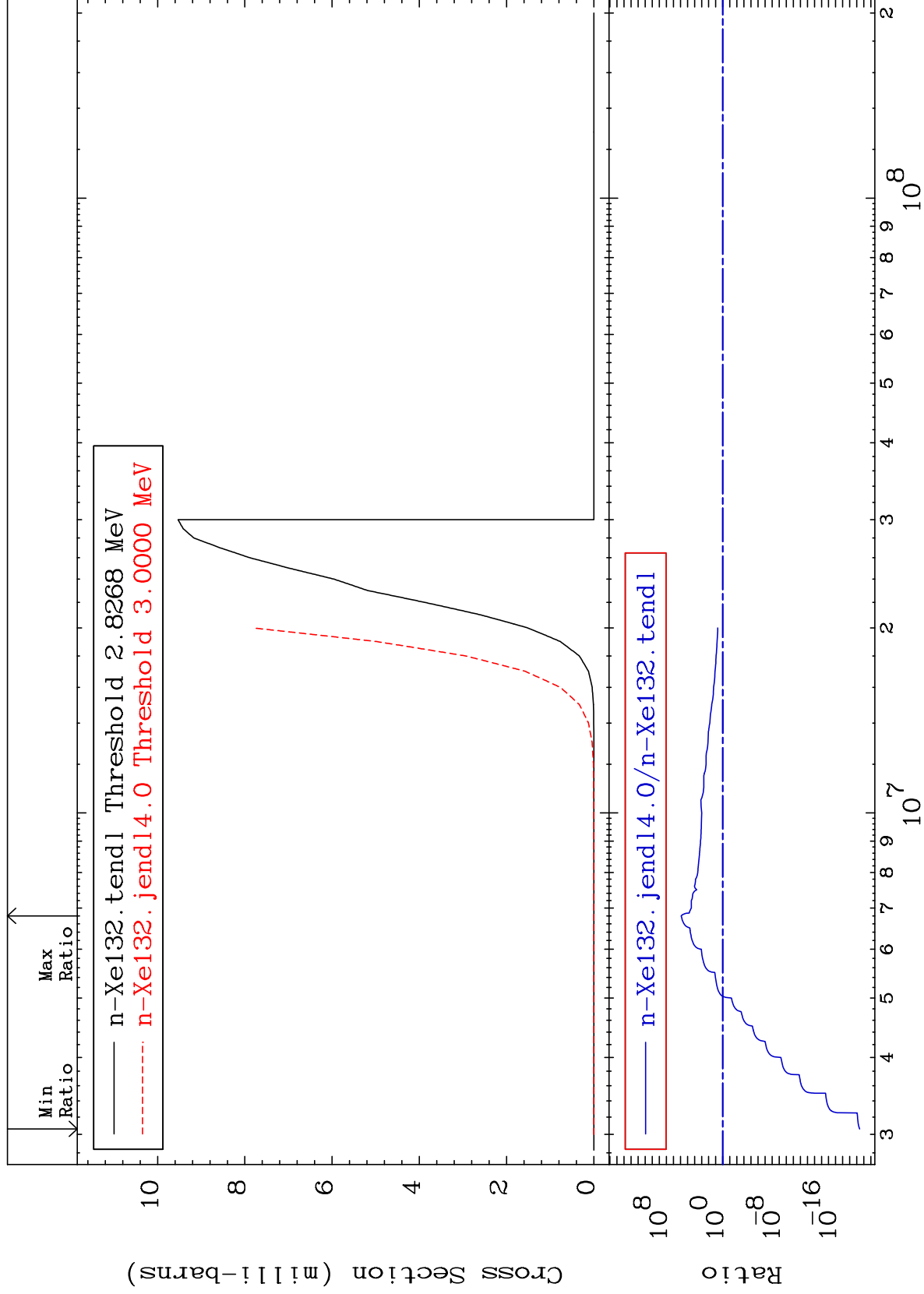


MAT 5449

(n, n') α
Cross Section

54-Xe-132

-100.0 To 9999. %



6

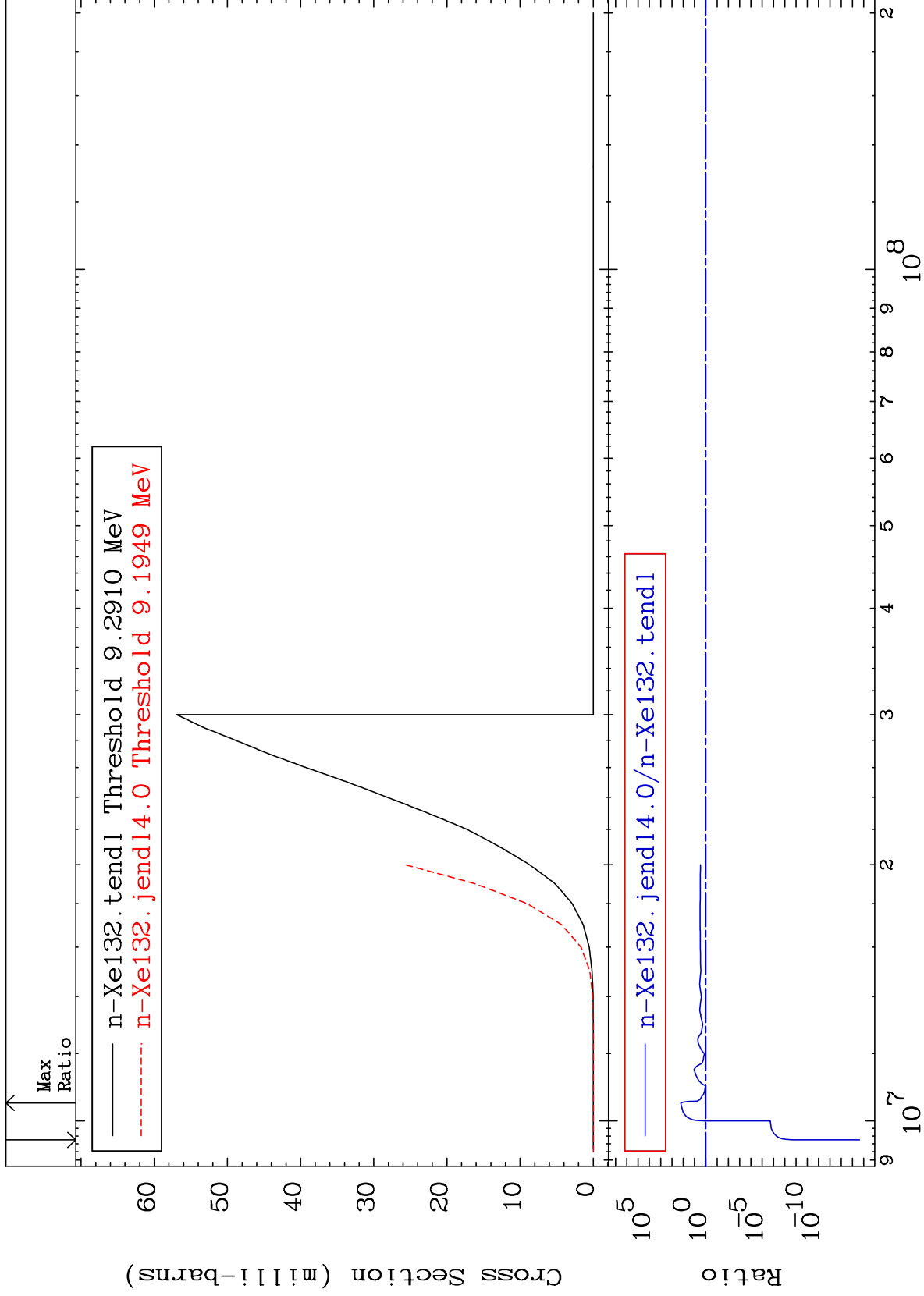
Incident Energy (eV)

54-Xe-132

MAT 5449

(n,n') p
Cross Section

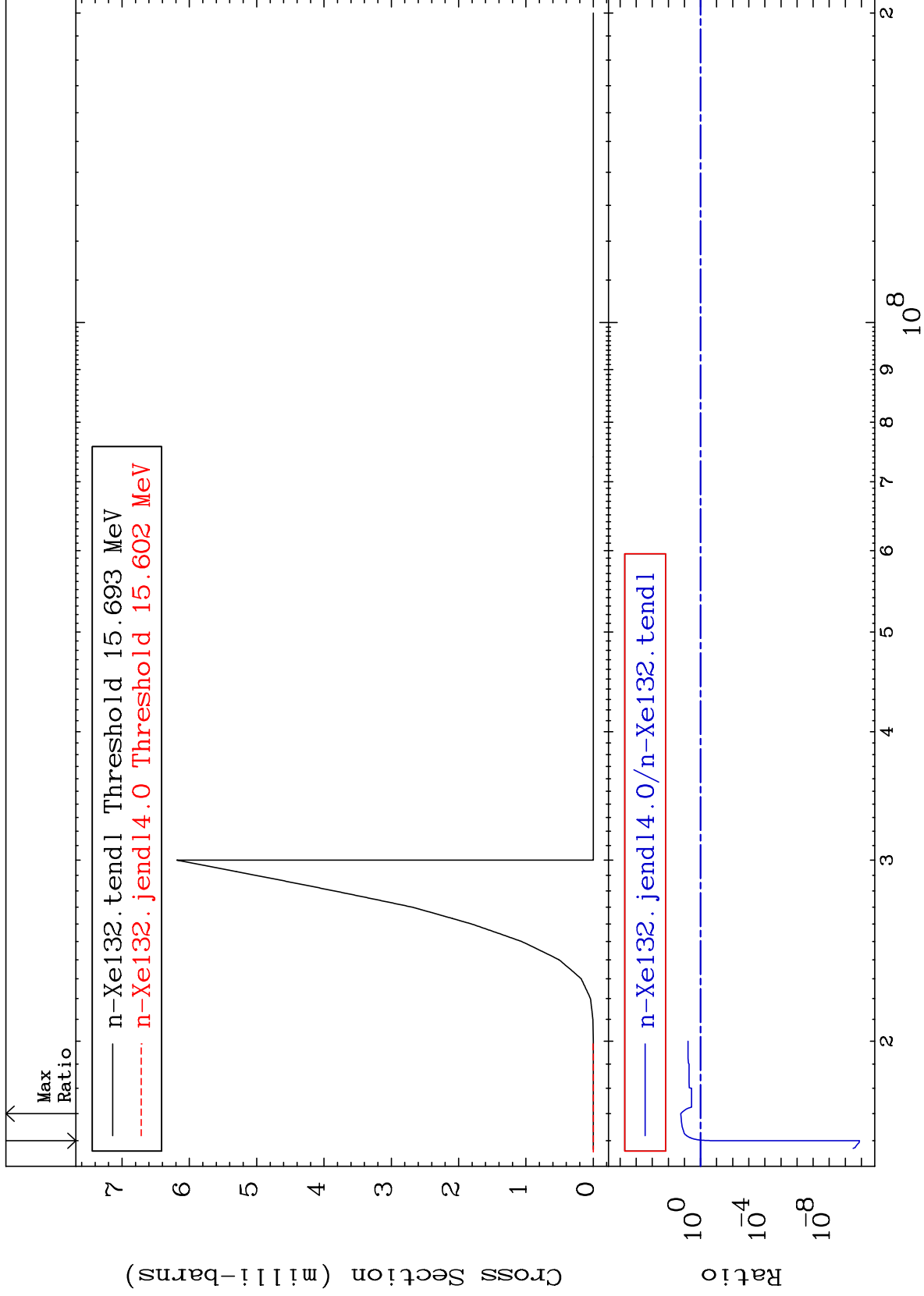
54-Xe-132
-100.0 To 9999. %



MAT 5449

(n,n') d
Cross Section

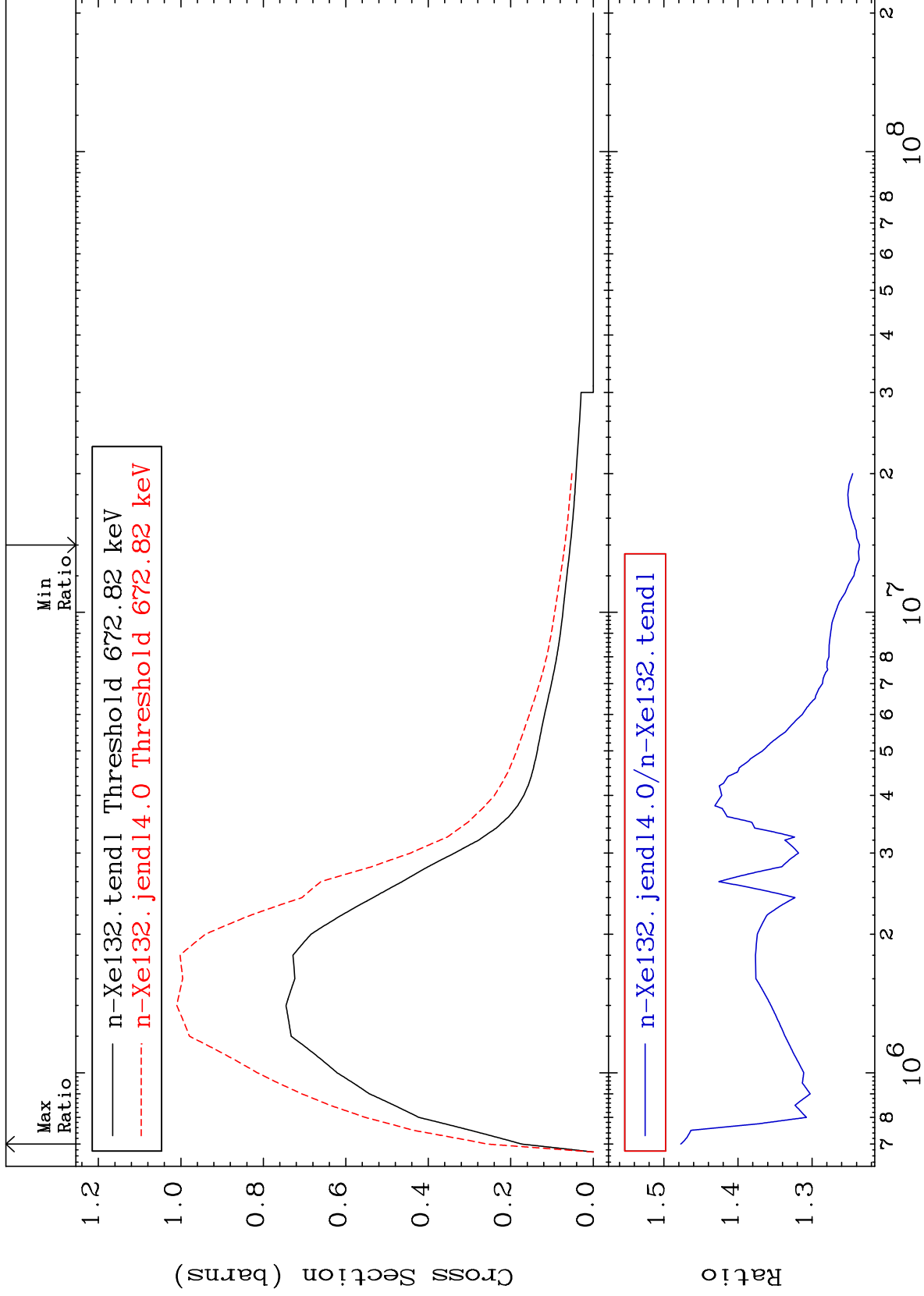
54-Xe-132
-100.0 To 1589. %



MAT 5449

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

54-Xe-132
23.59 To 47.73 %



9

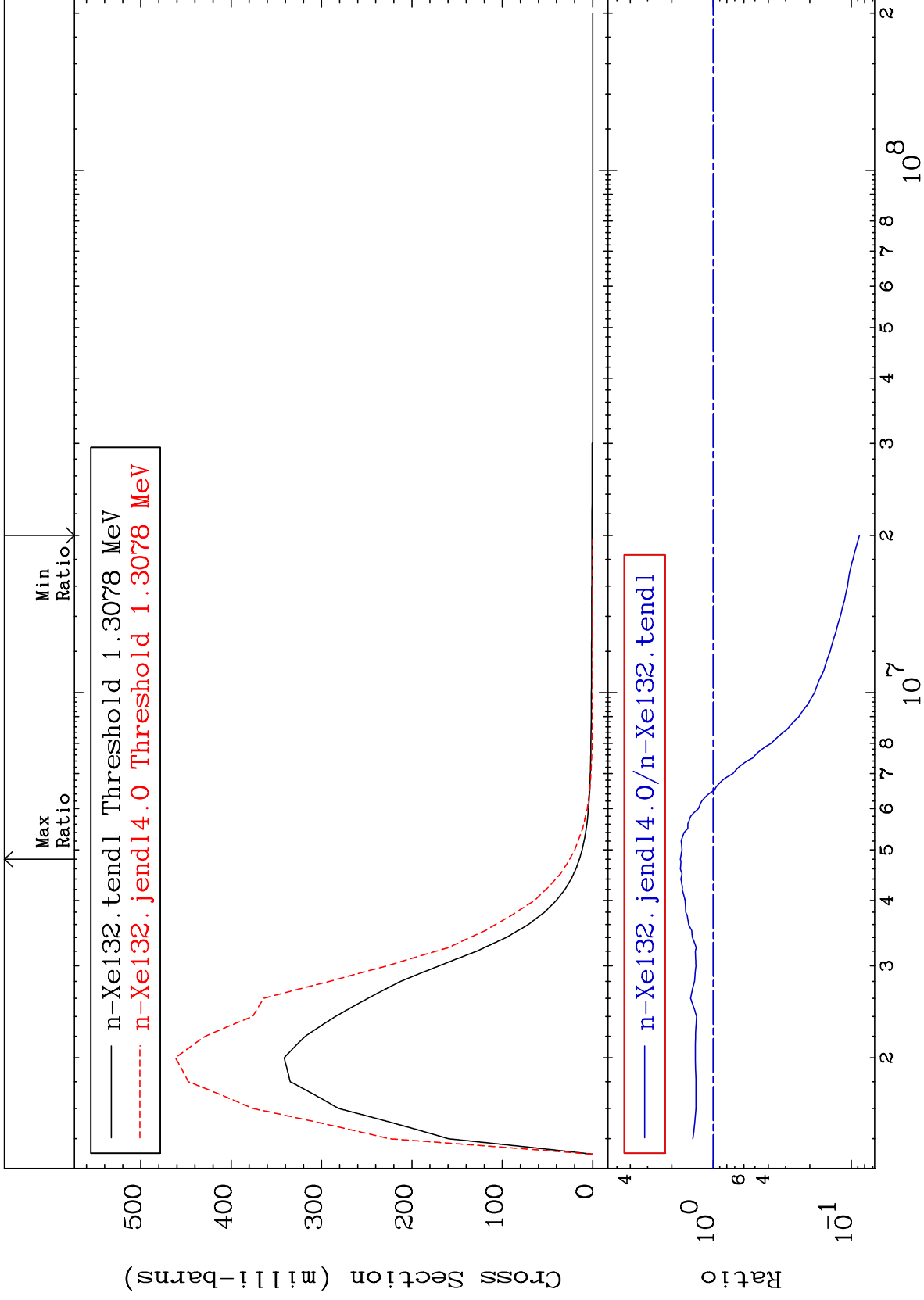
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
-91.26 To 73.43 %



10

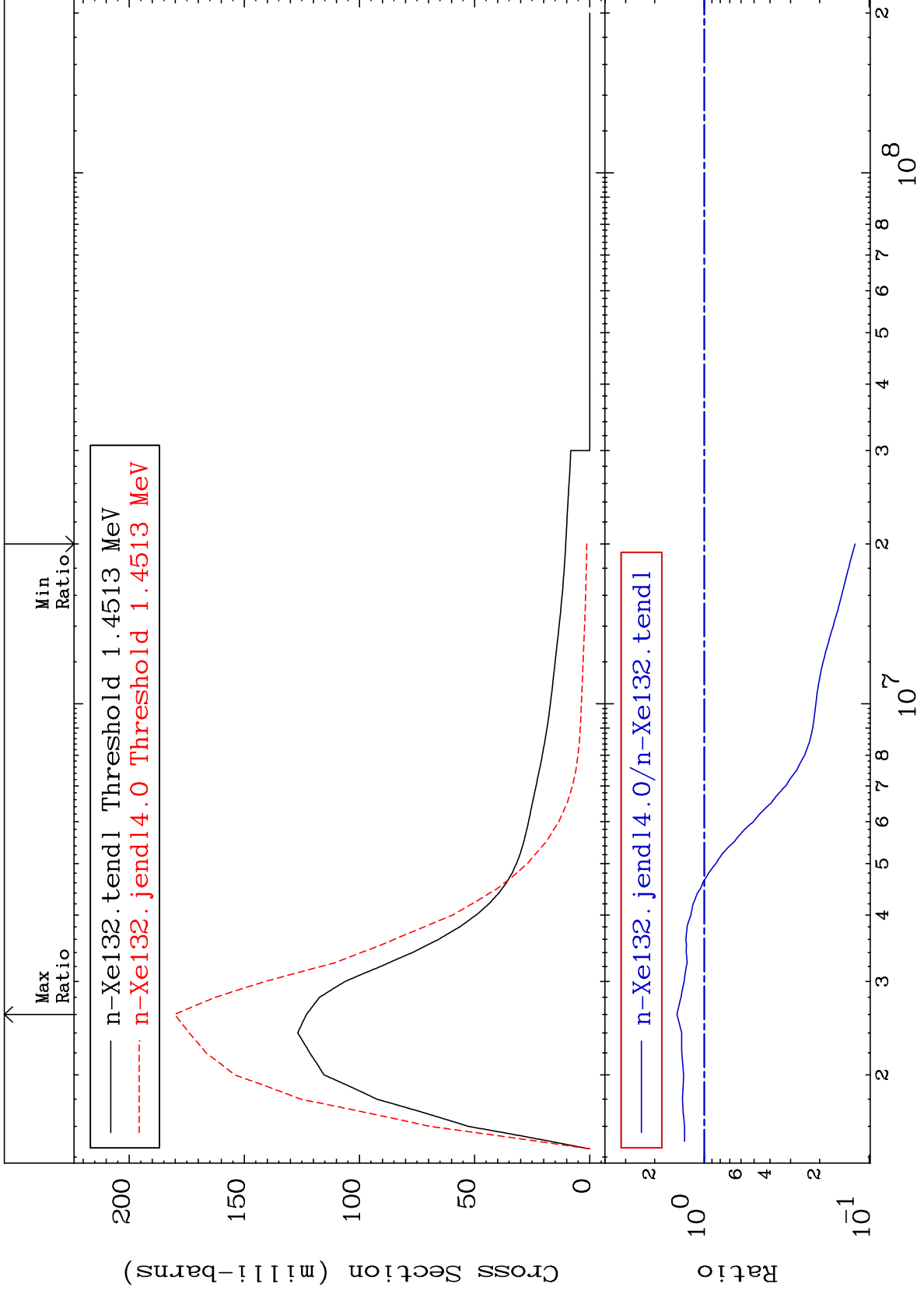
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
-87.81 To 46.59 %



11

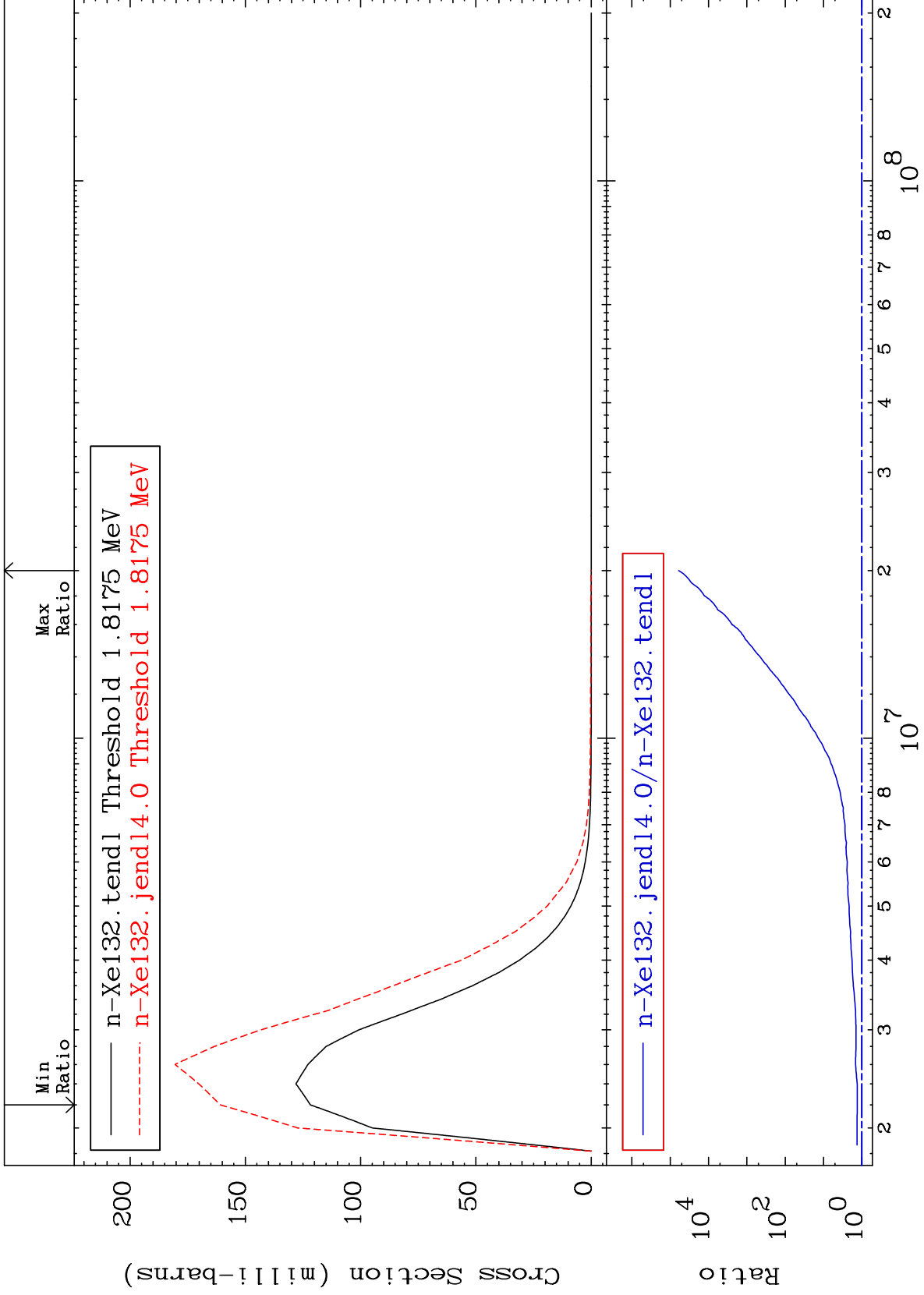
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
32.13 To 9999. %



12

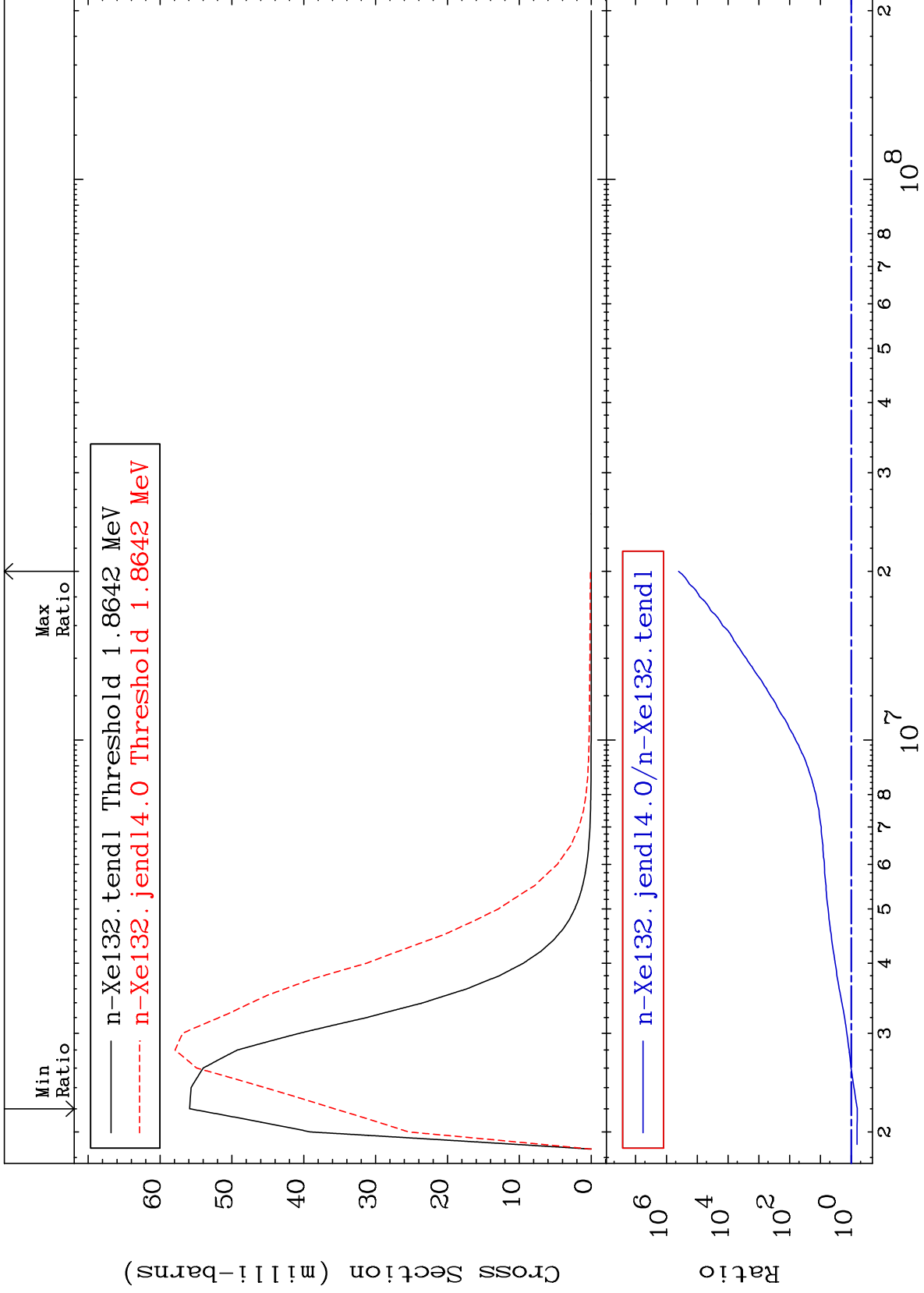
Incident Energy (eV)

54-Xe-132

MAT 5449

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

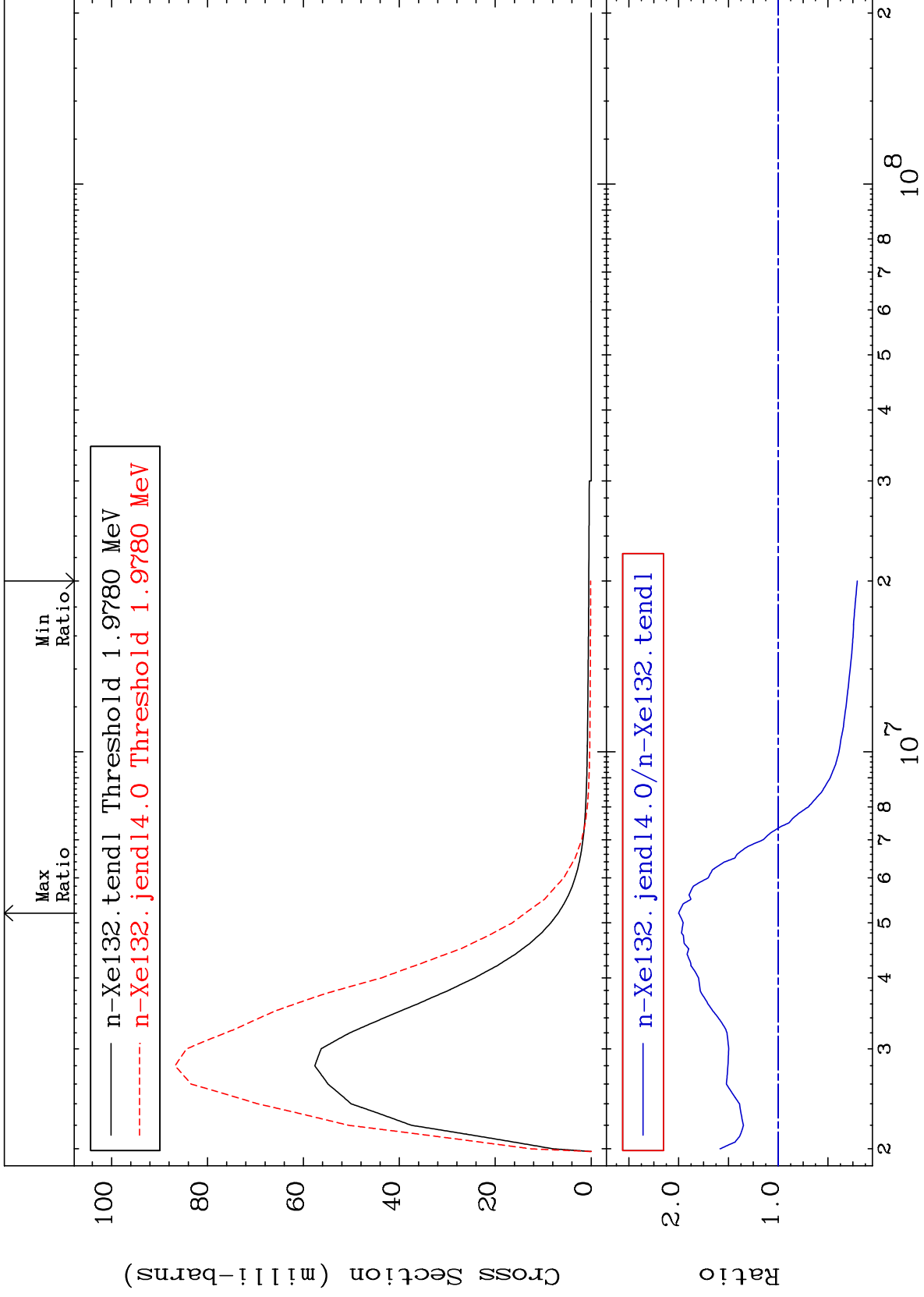
54-Xe-132
-36.06 To 9999. %



MAT 5449

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

54-Xe-132
-79.42 To 100.1 %



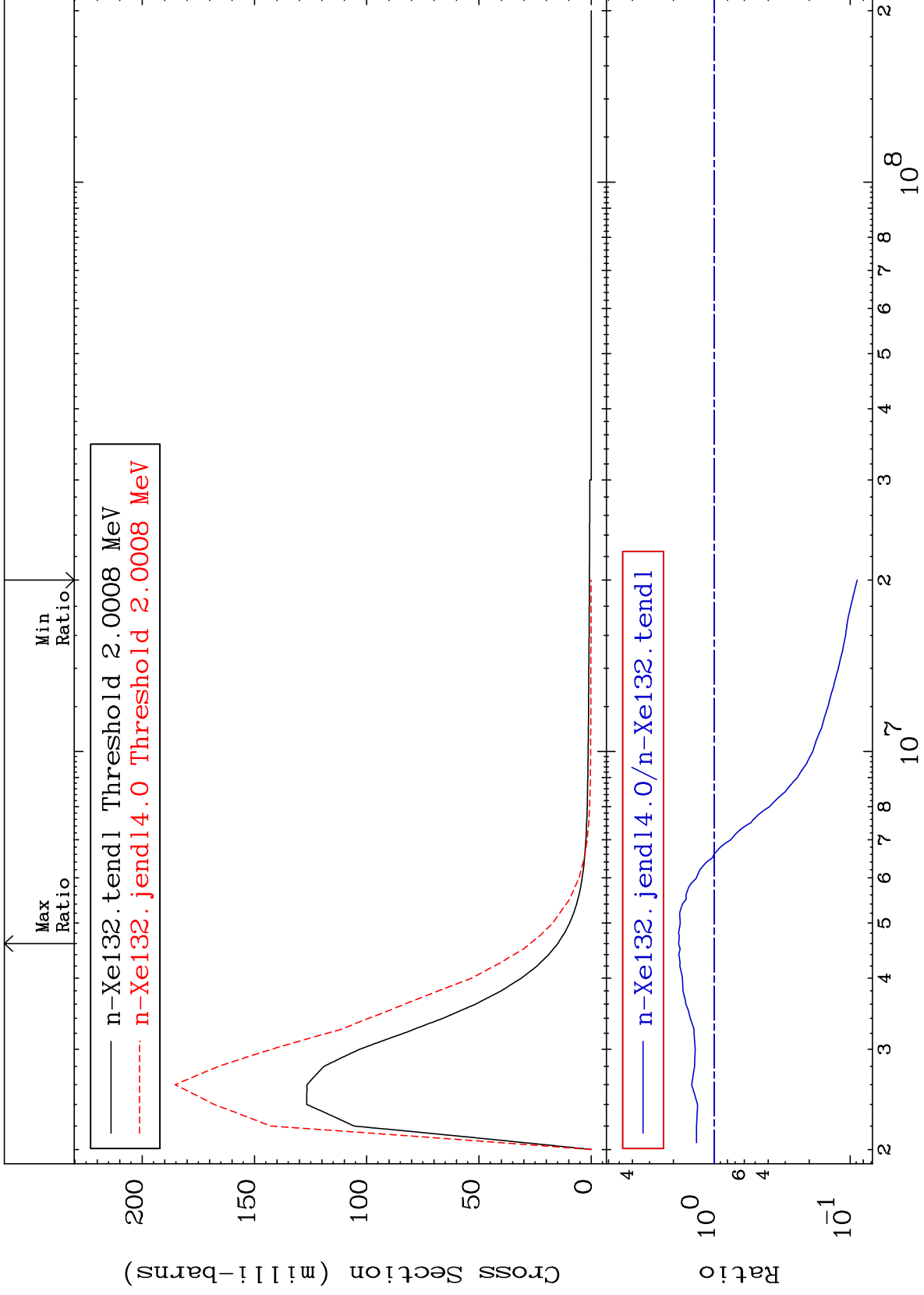
14

54-Xe-132

MAT 5449

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

54-Xe-132
-91.14 To 82.71 %



15

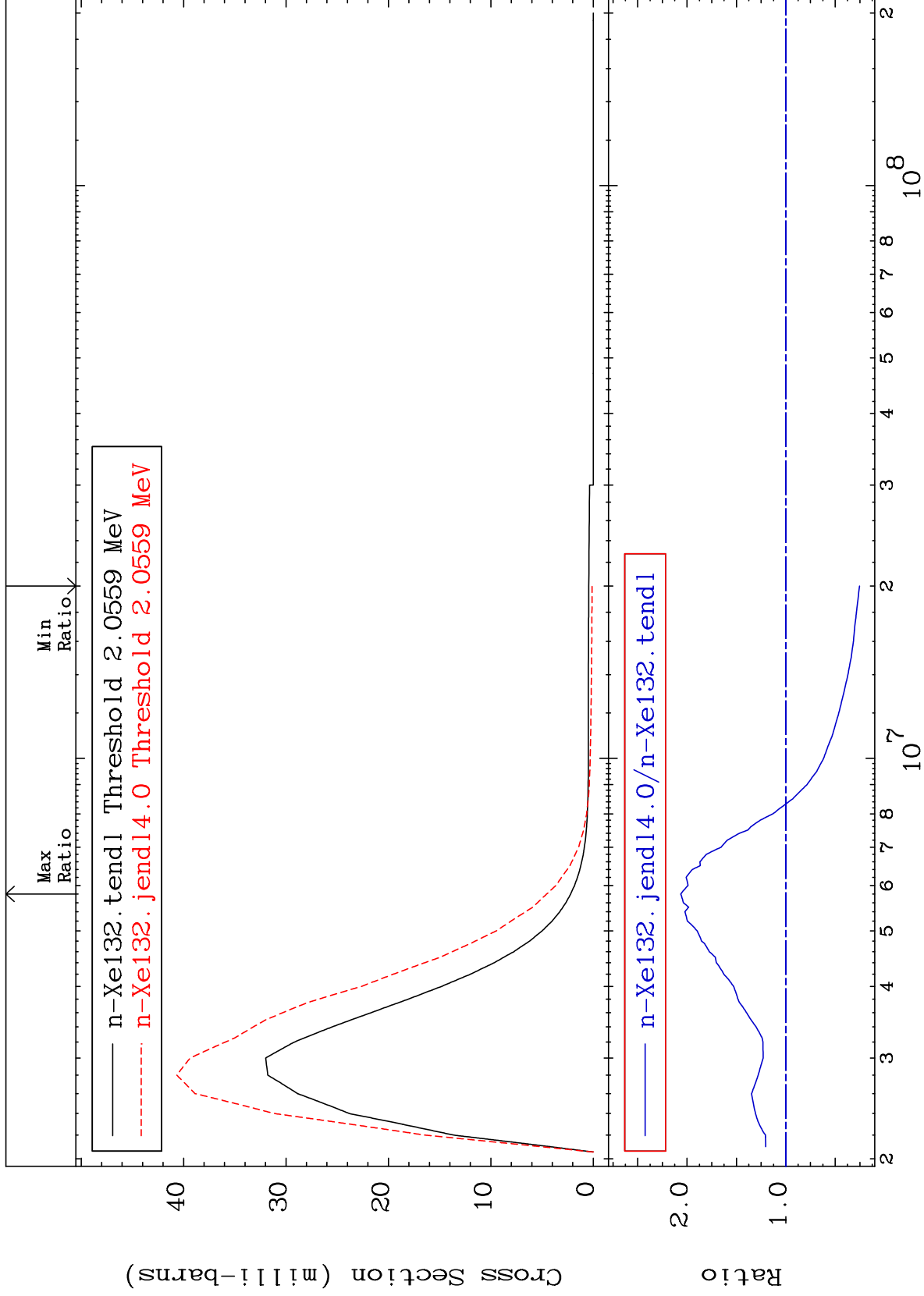
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
-74.66 To 106.4 %



16

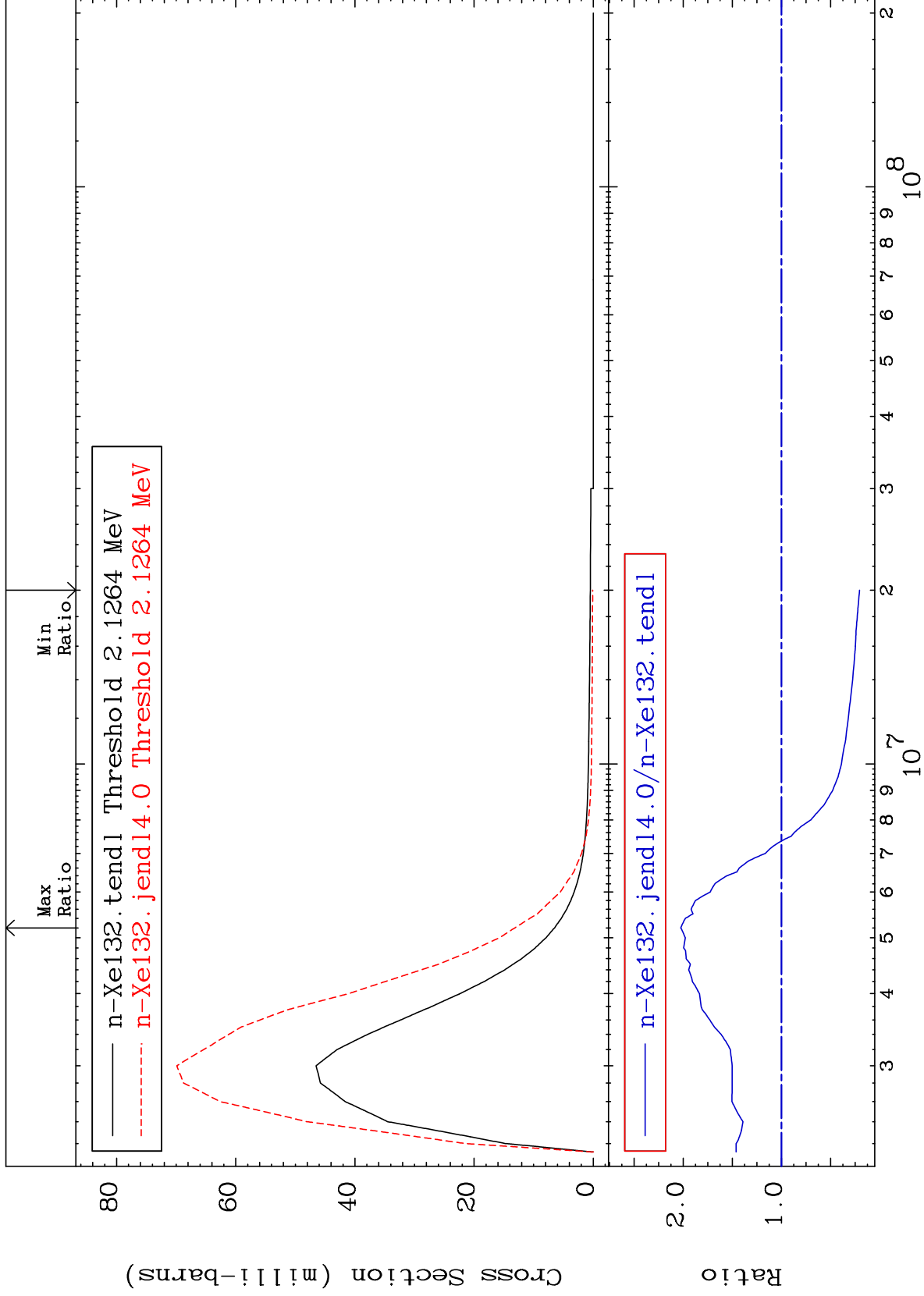
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
-79.42 To 102.5 %



17

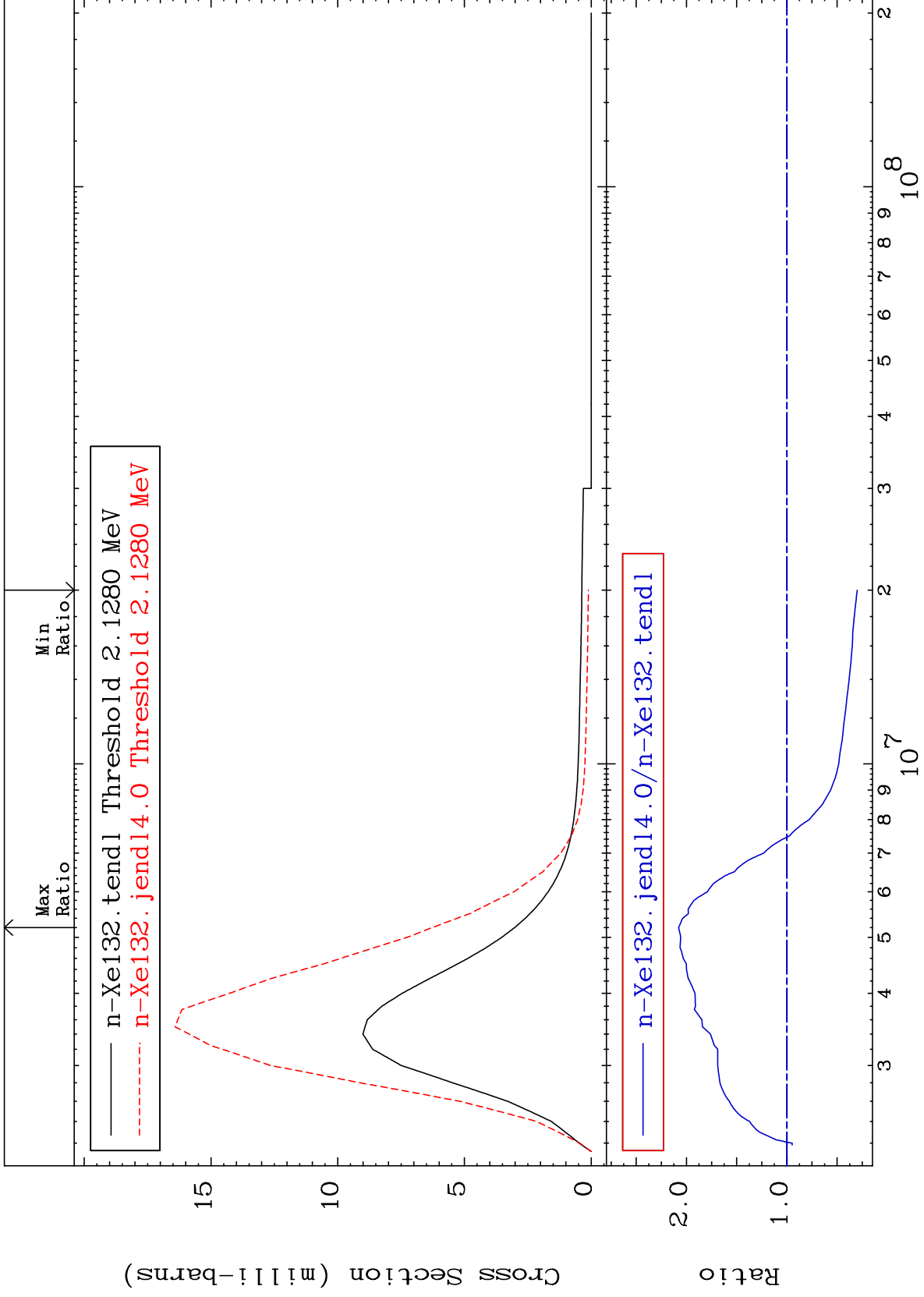
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
-70.06 To 107.8 %



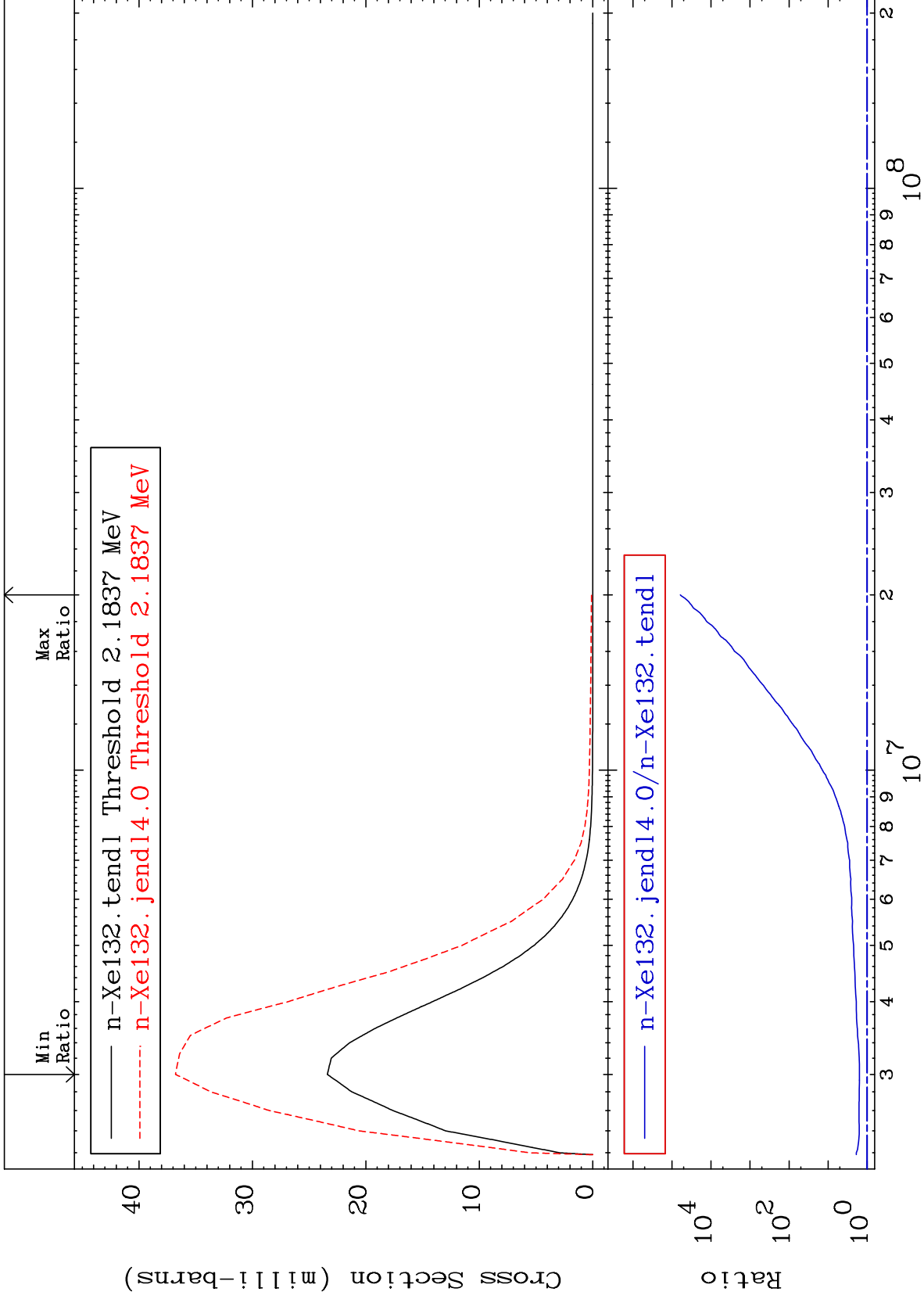
18

54-Xe-132

MAT 5449

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

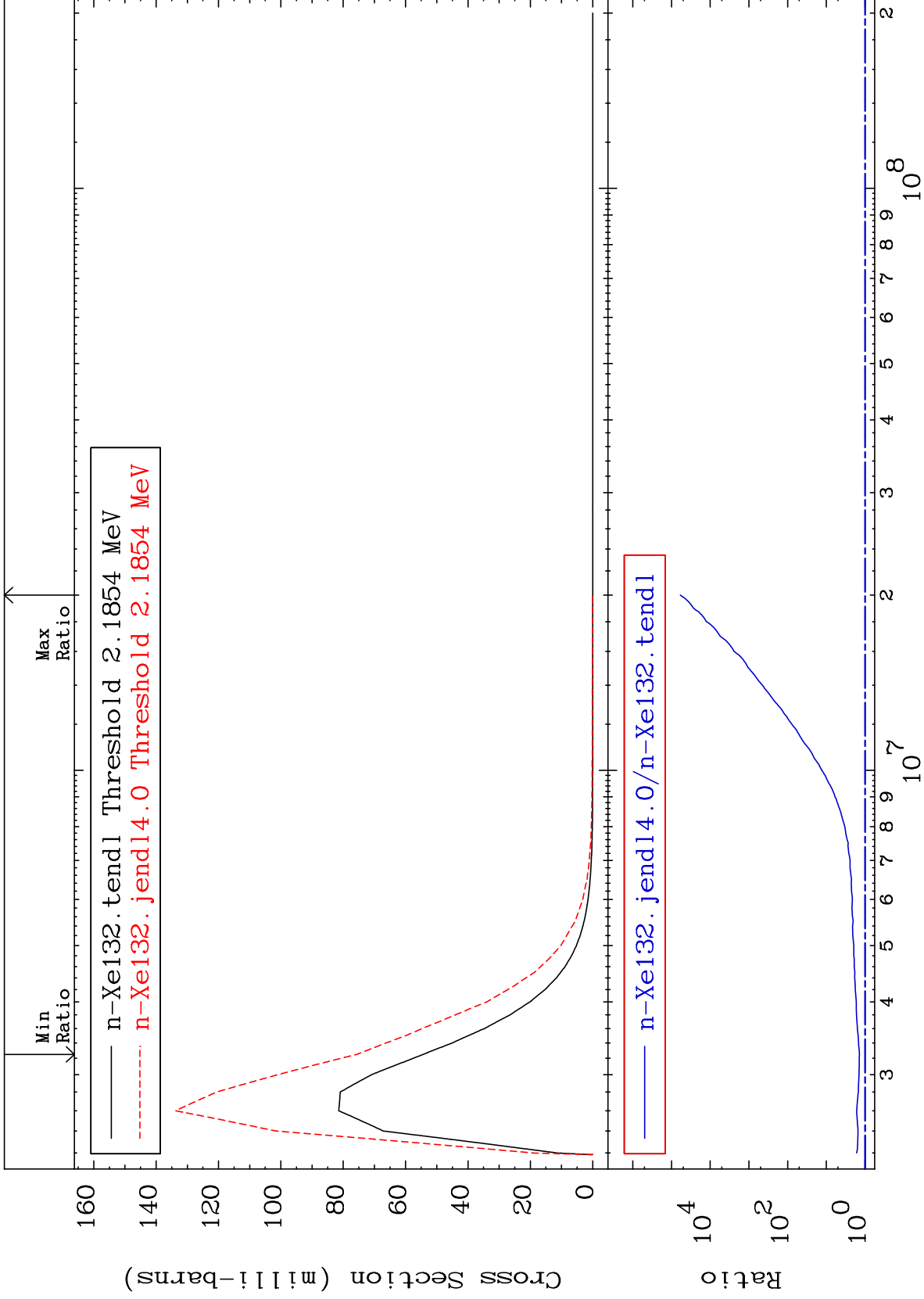
54-Xe-132
57.22 To 9999. %



MAT 5449

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

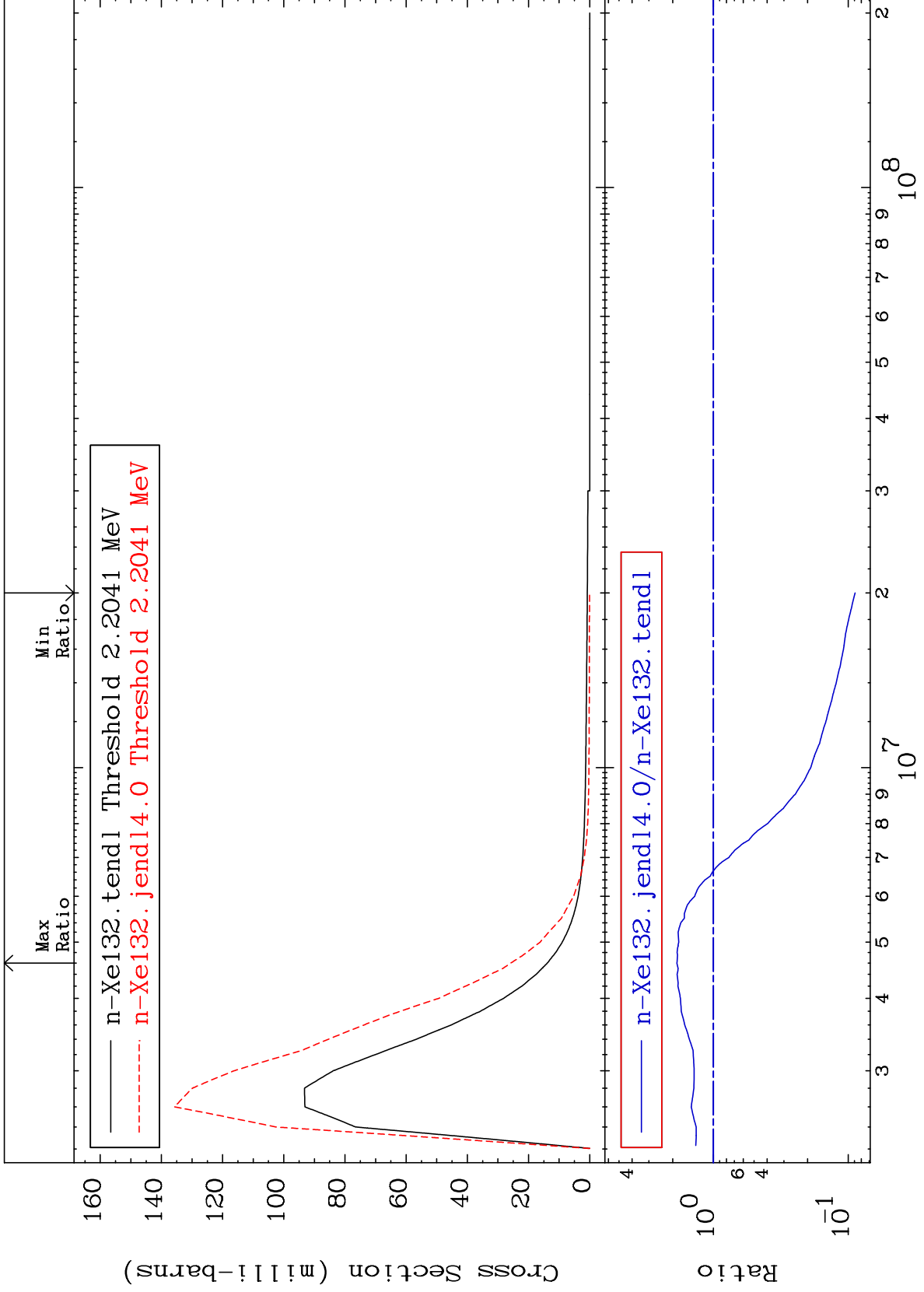
54-Xe-132
39.17 To 9999. %



MAT 5449

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

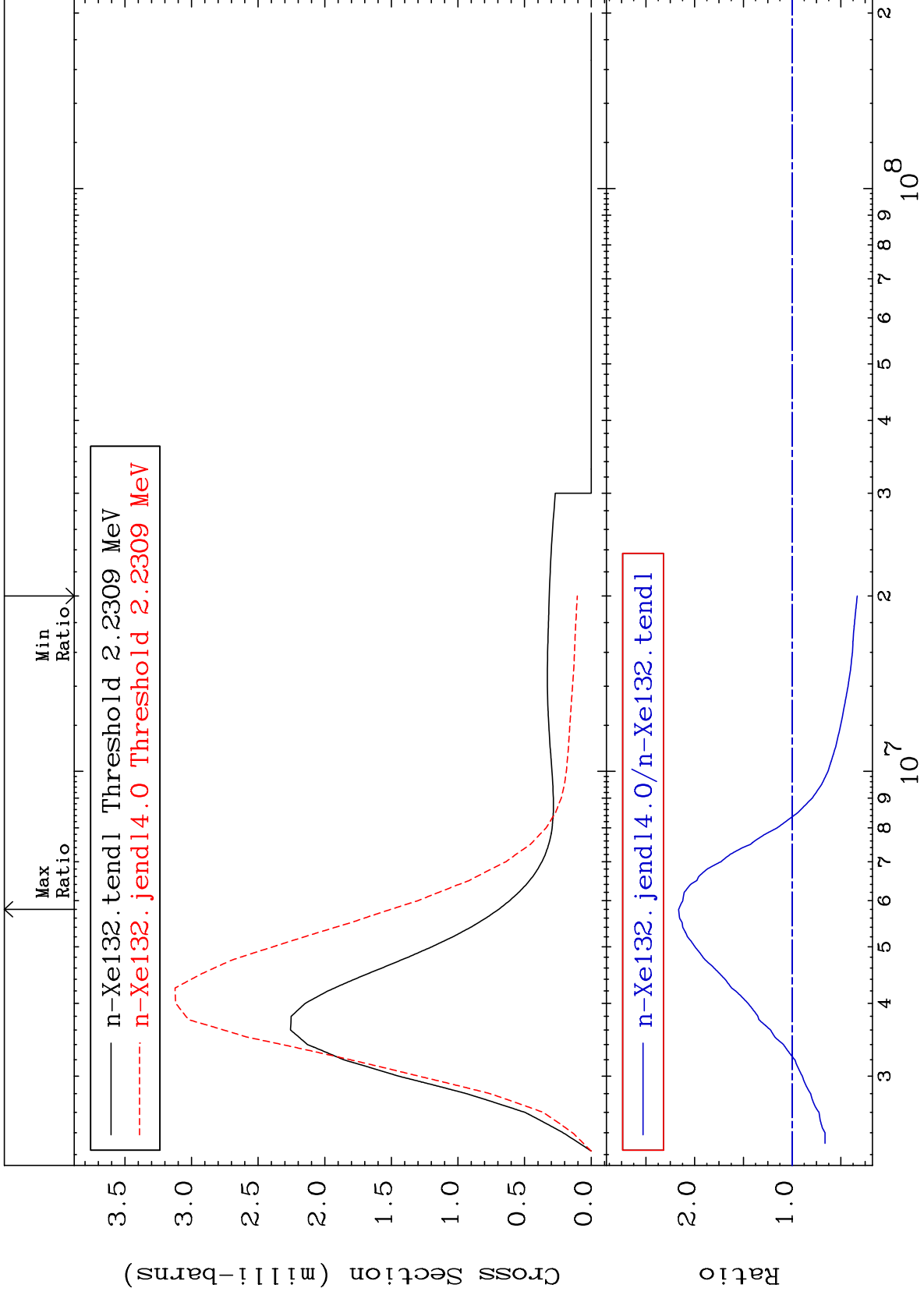
54-Xe-132
-91.10 To 86.18 %



MAT 5449

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

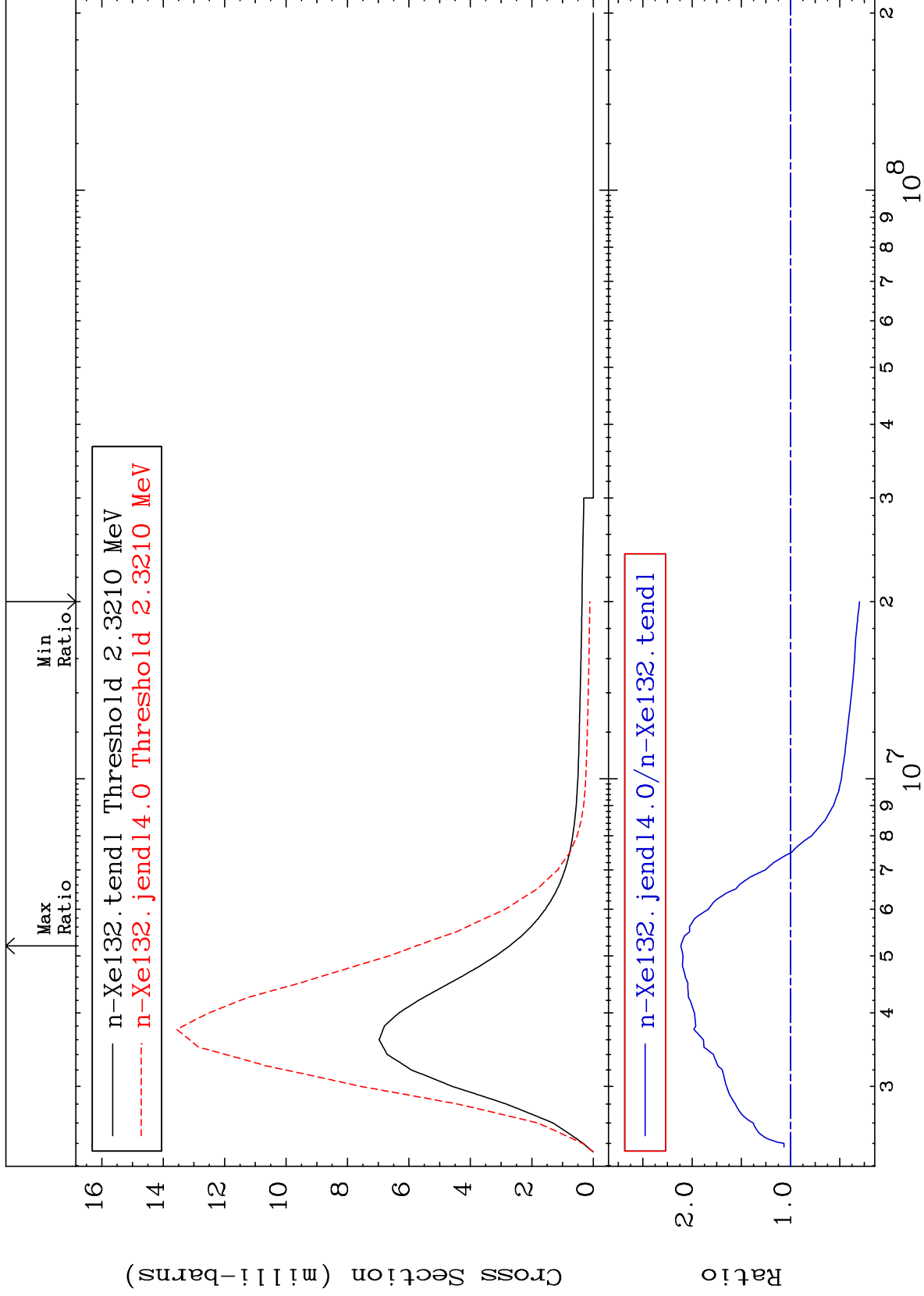
54-Xe-132
-66.82 To 116.5 %



MAT 5449

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

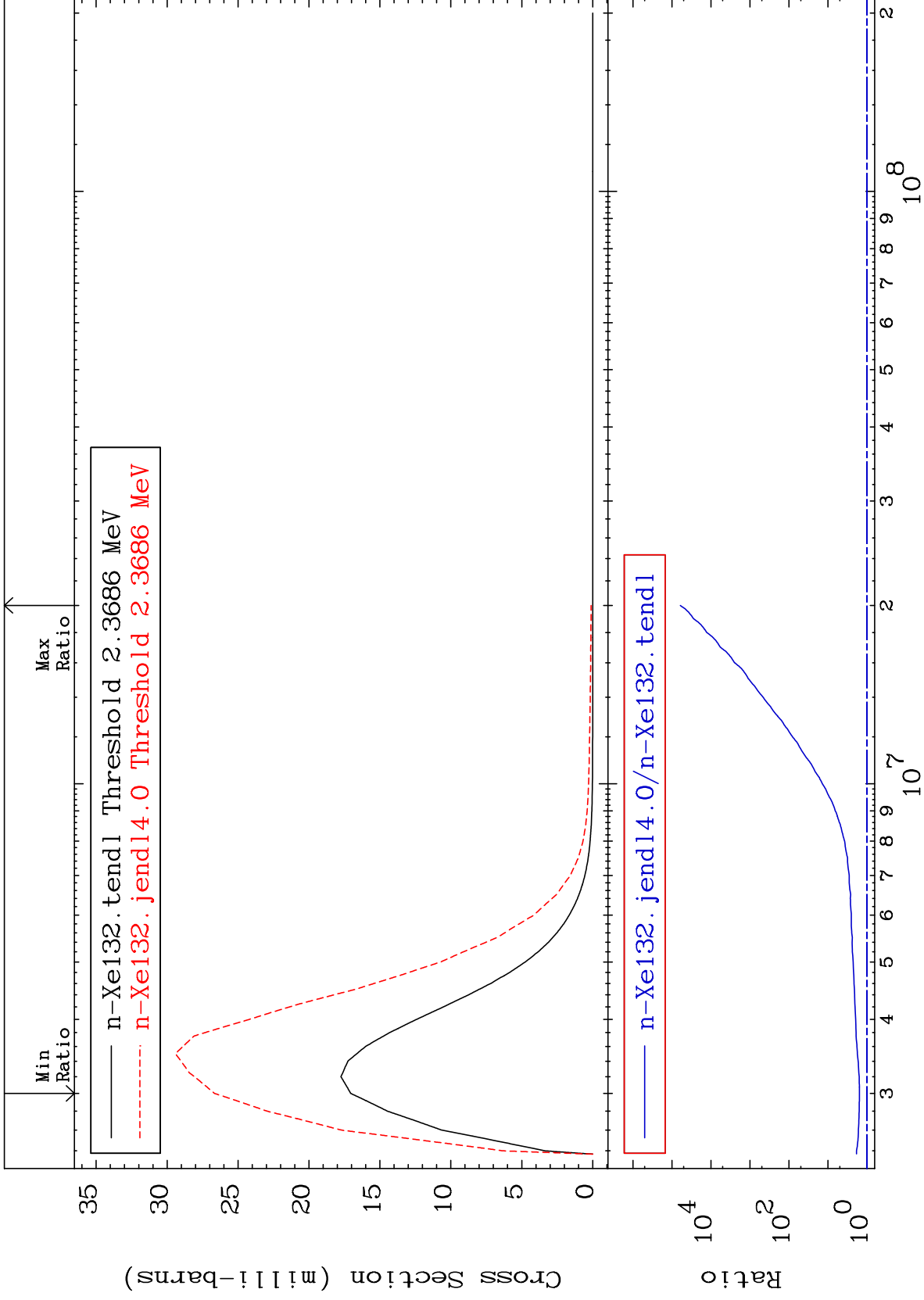
54-Xe-132
-70.05 To 111.5 %



MAT 5449

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

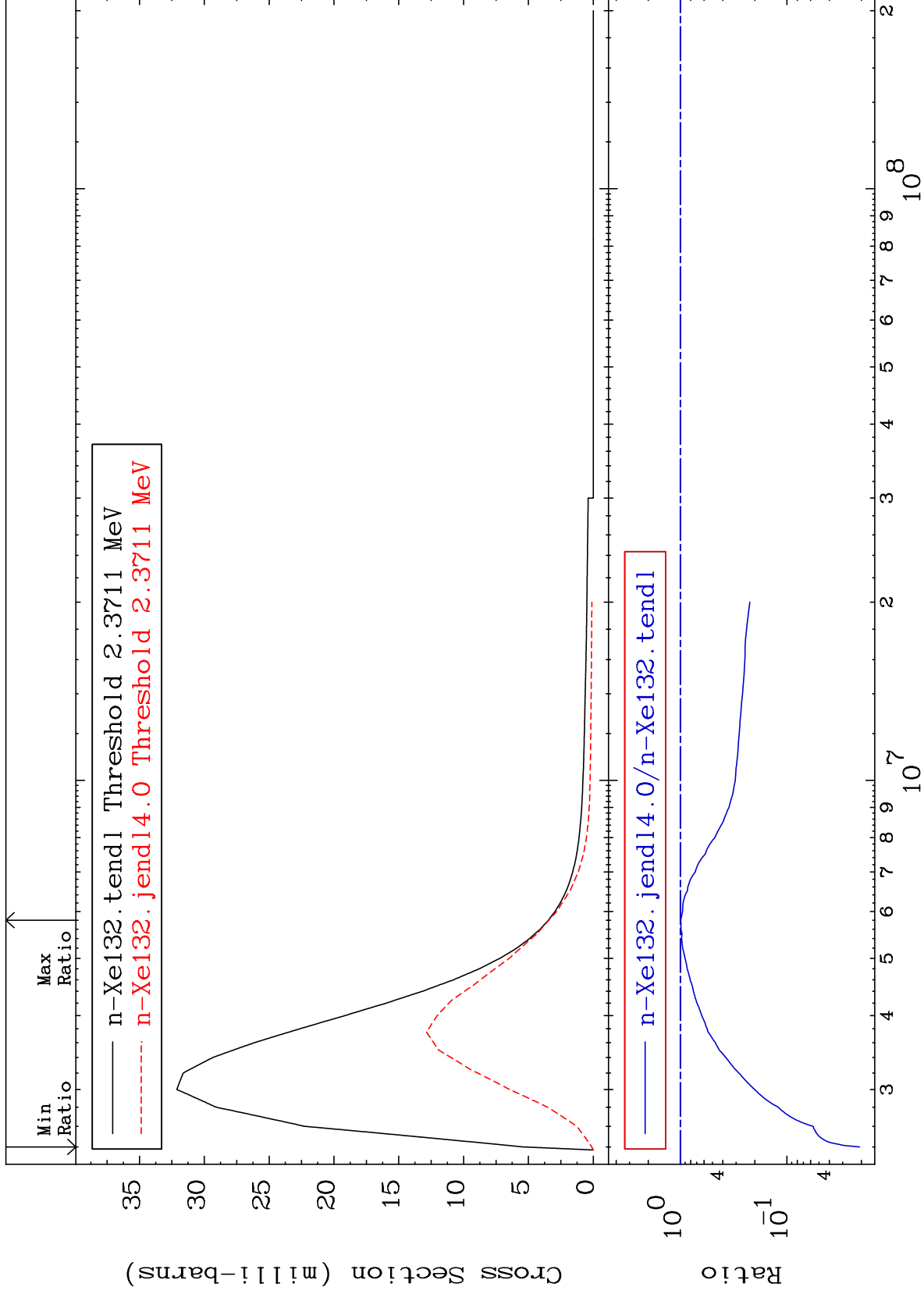
54-Xe-132
56.30 To 9999. %



MAT 5449

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

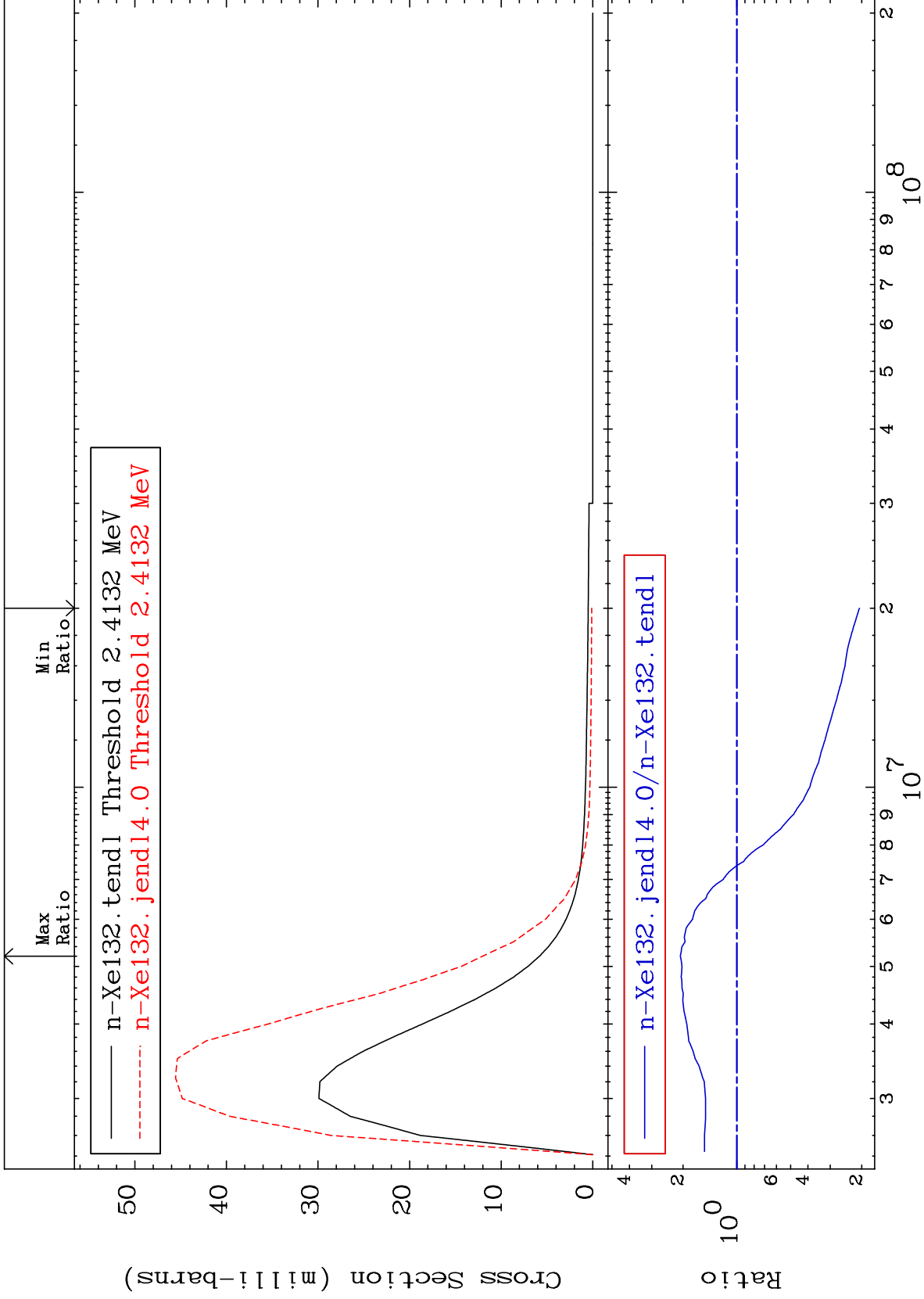
54-Xe-132
-97.92 To -0.981%



MAT 5449

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

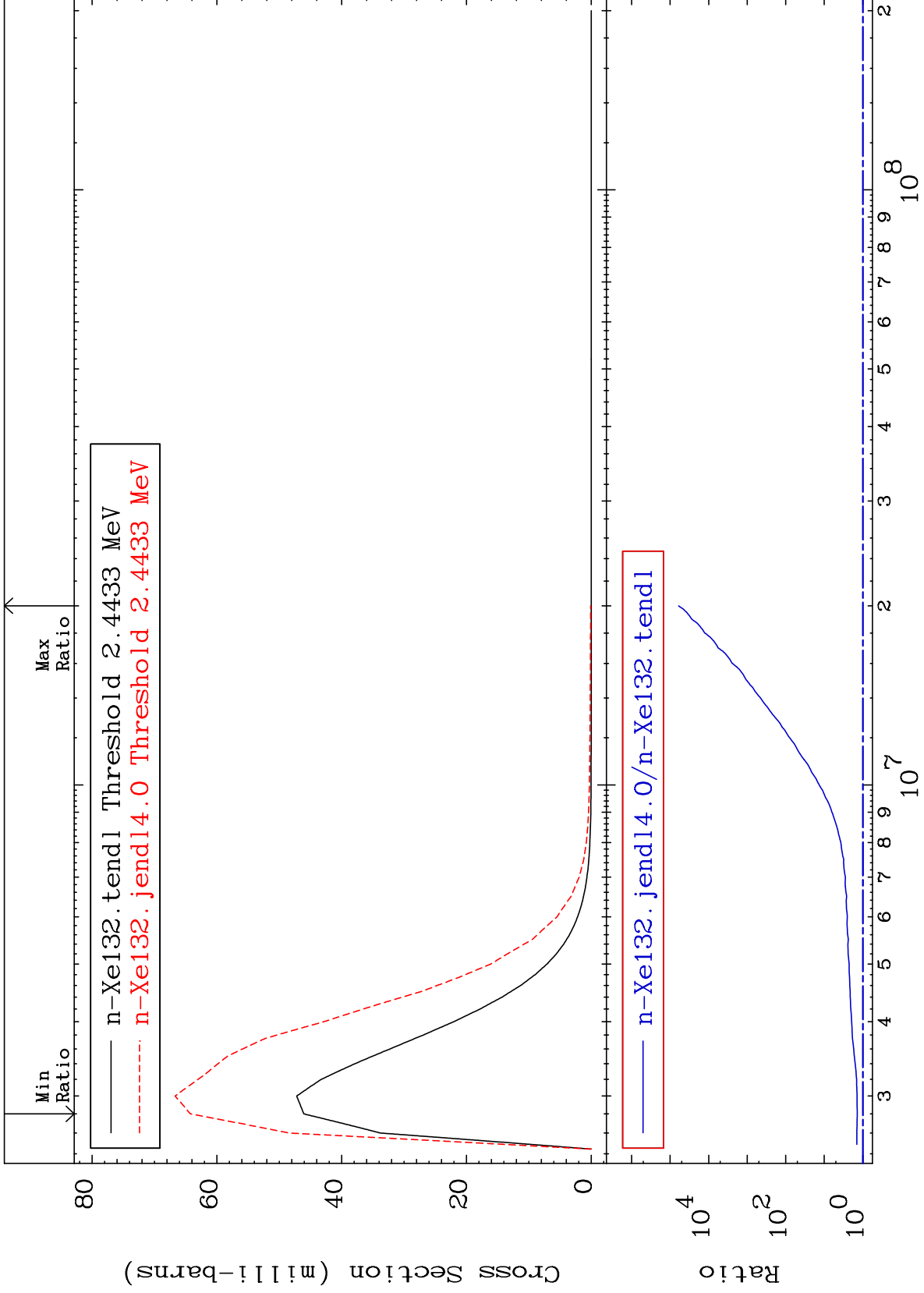
54-Xe-132
-79.40 To 107.2 %

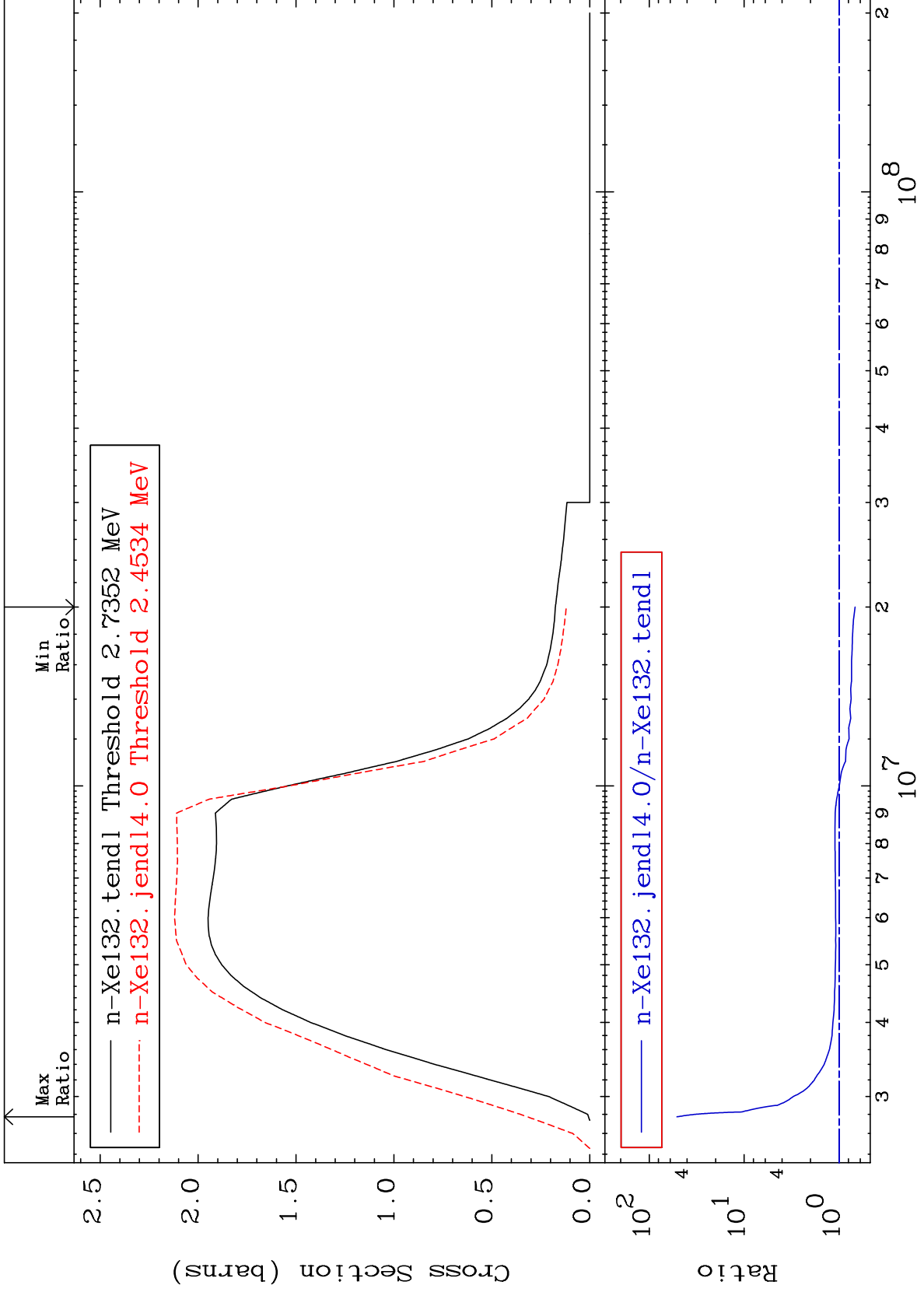


MAT 5449

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

54-Xe-132
39.45 To 9999. %

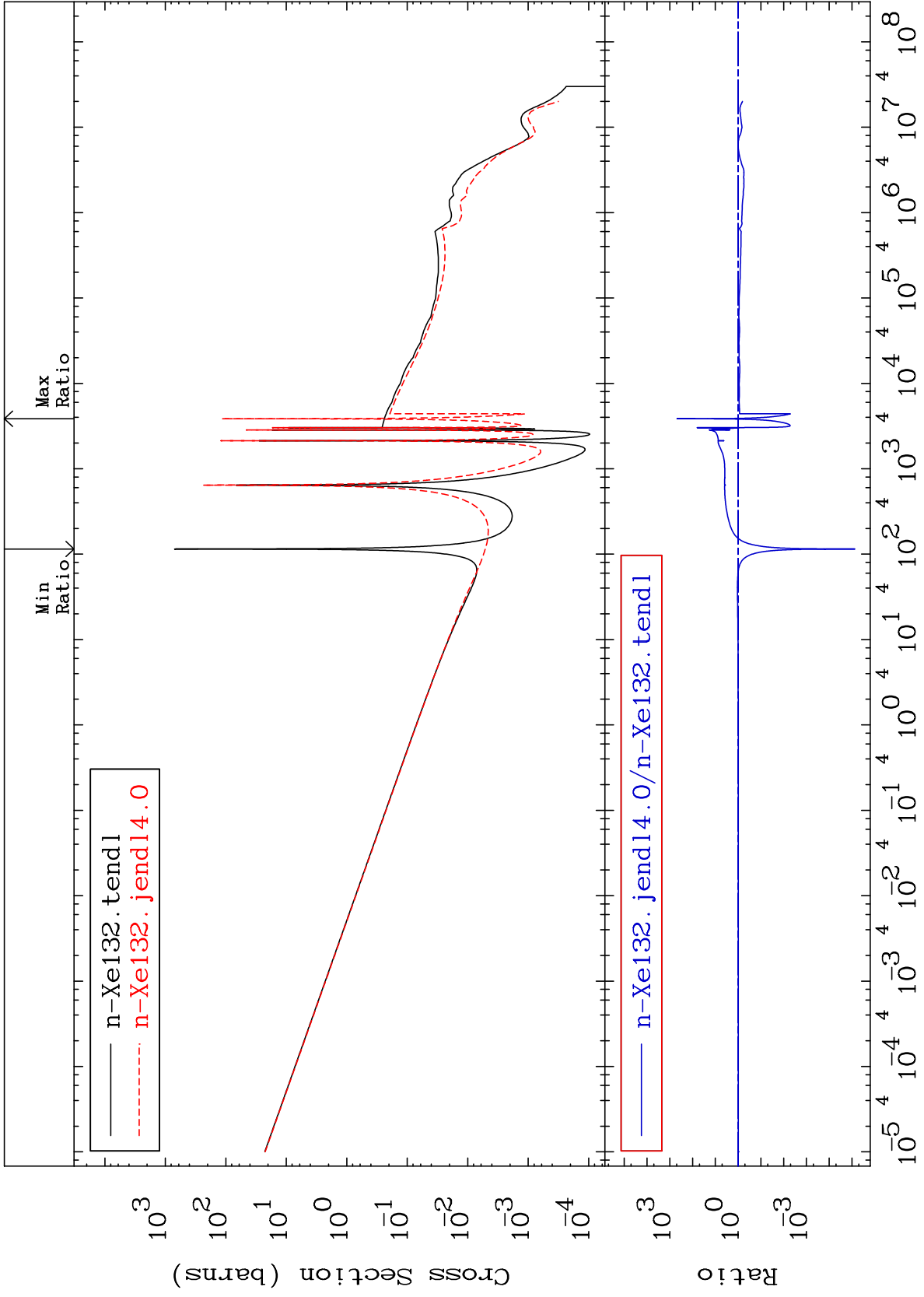




MAT 5449

(n, γ)
Cross Section

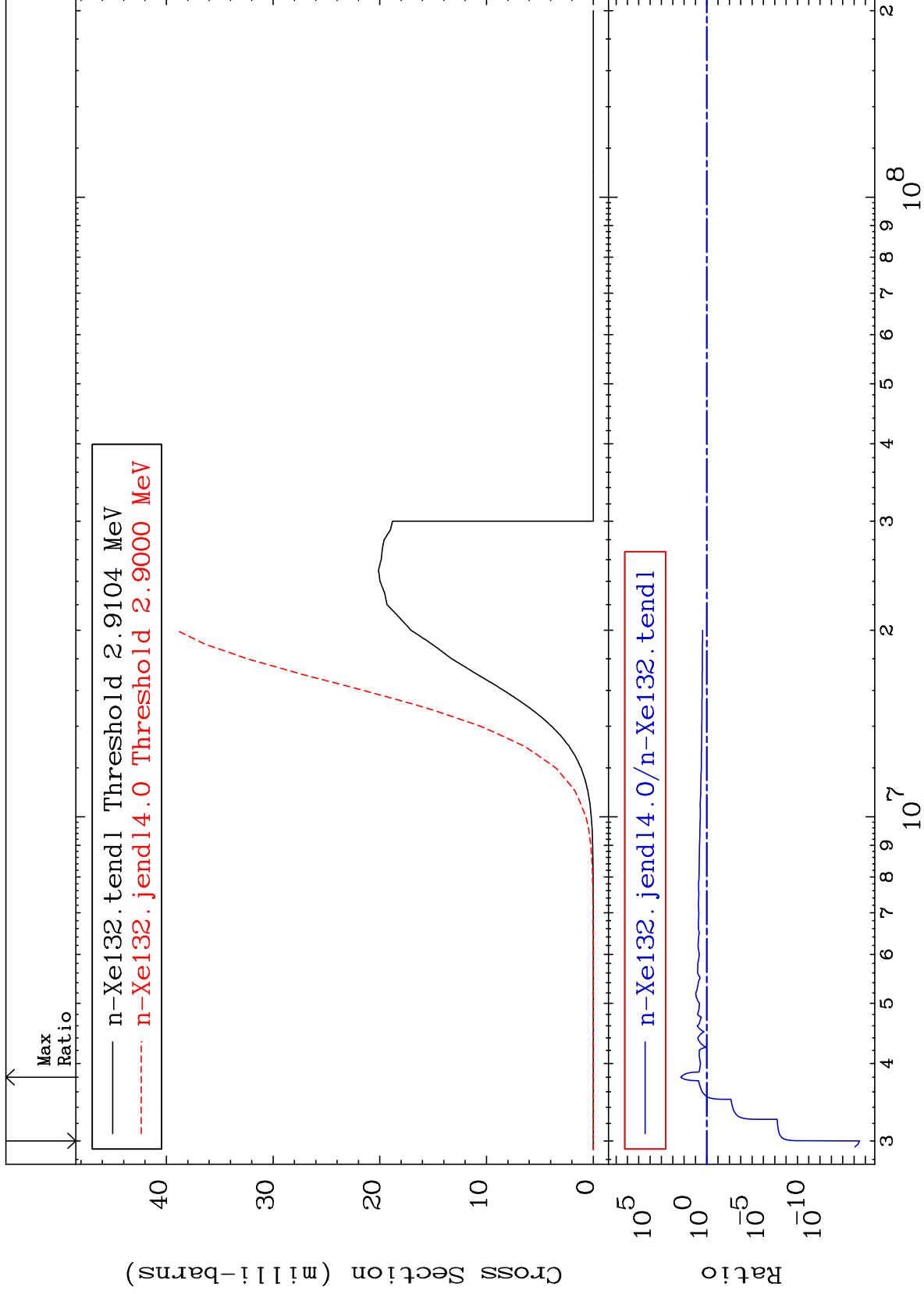
54-Xe-132
-100.0 To 9999. %



MAT 5449

(n,p)
Cross Section

54-Xe-132
-100.0 To 9999. %



30

Incident Energy (eV)

54-Xe-132

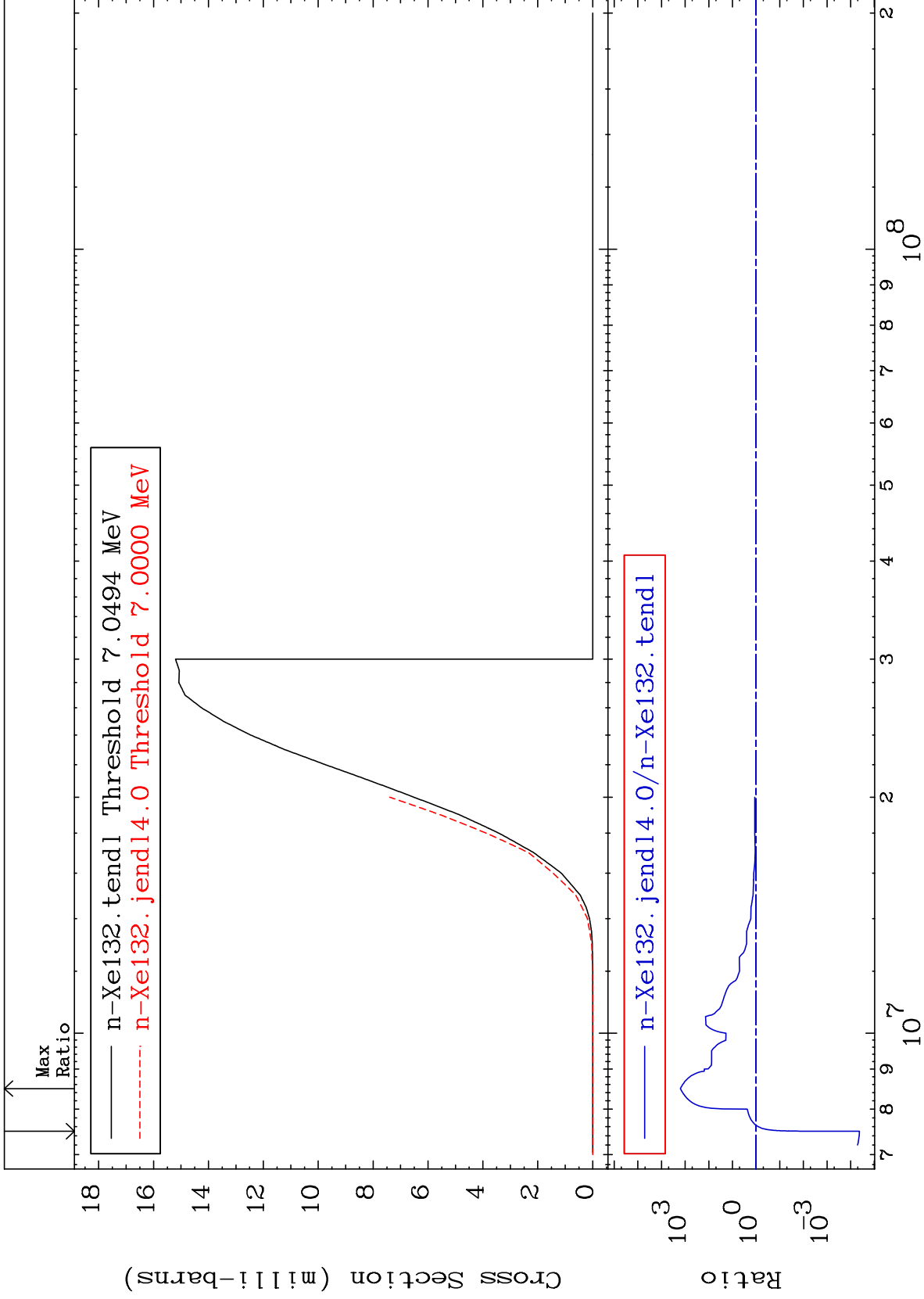
MAT 5449

(n, d)

54-Xe-132

Cross Section

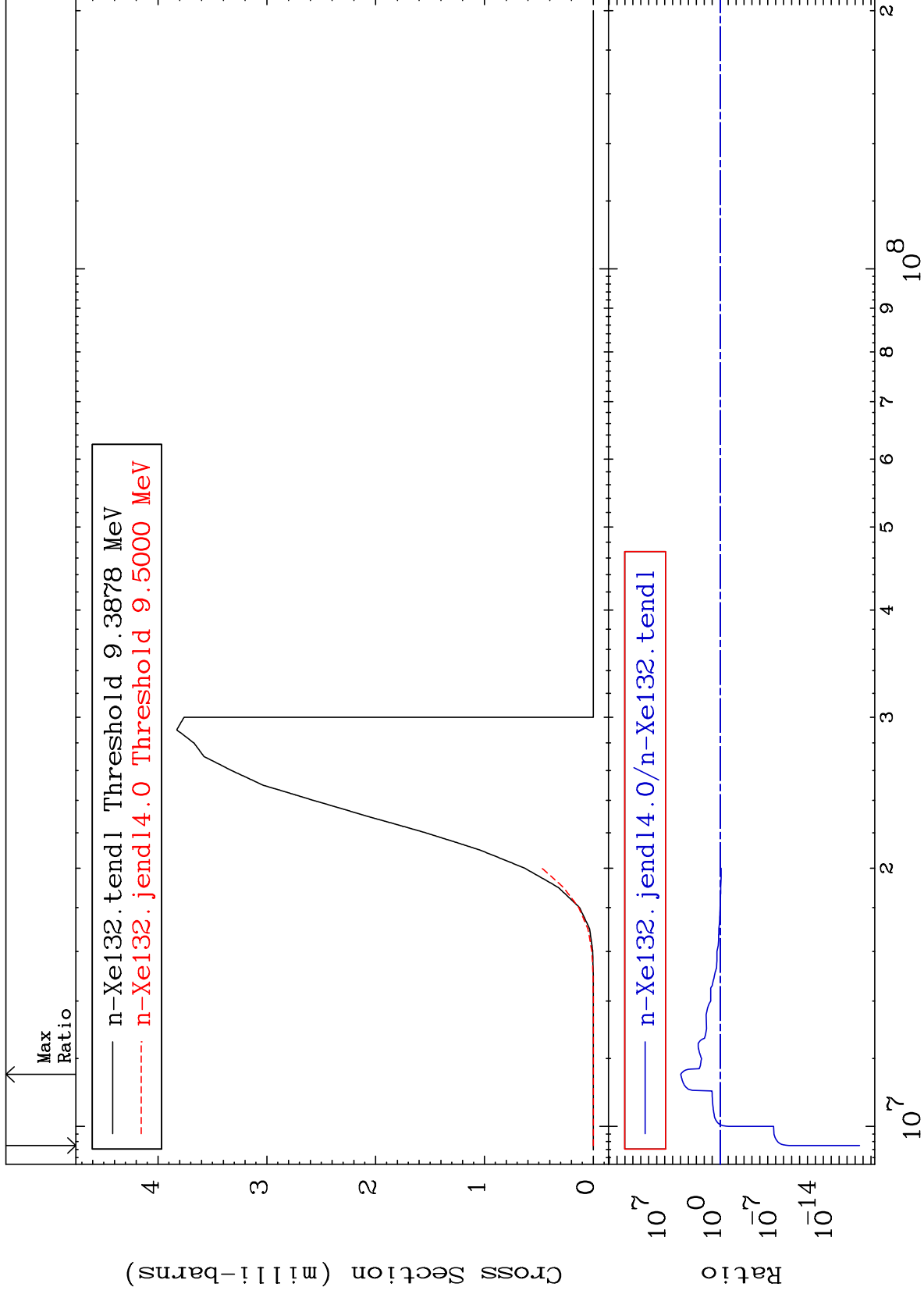
-100.0 To 9999. %



MAT 5449

(n, t)
Cross Section

54-Xe-132
-100.0 To 9999. %



32

Incident Energy (eV)

54-Xe-132

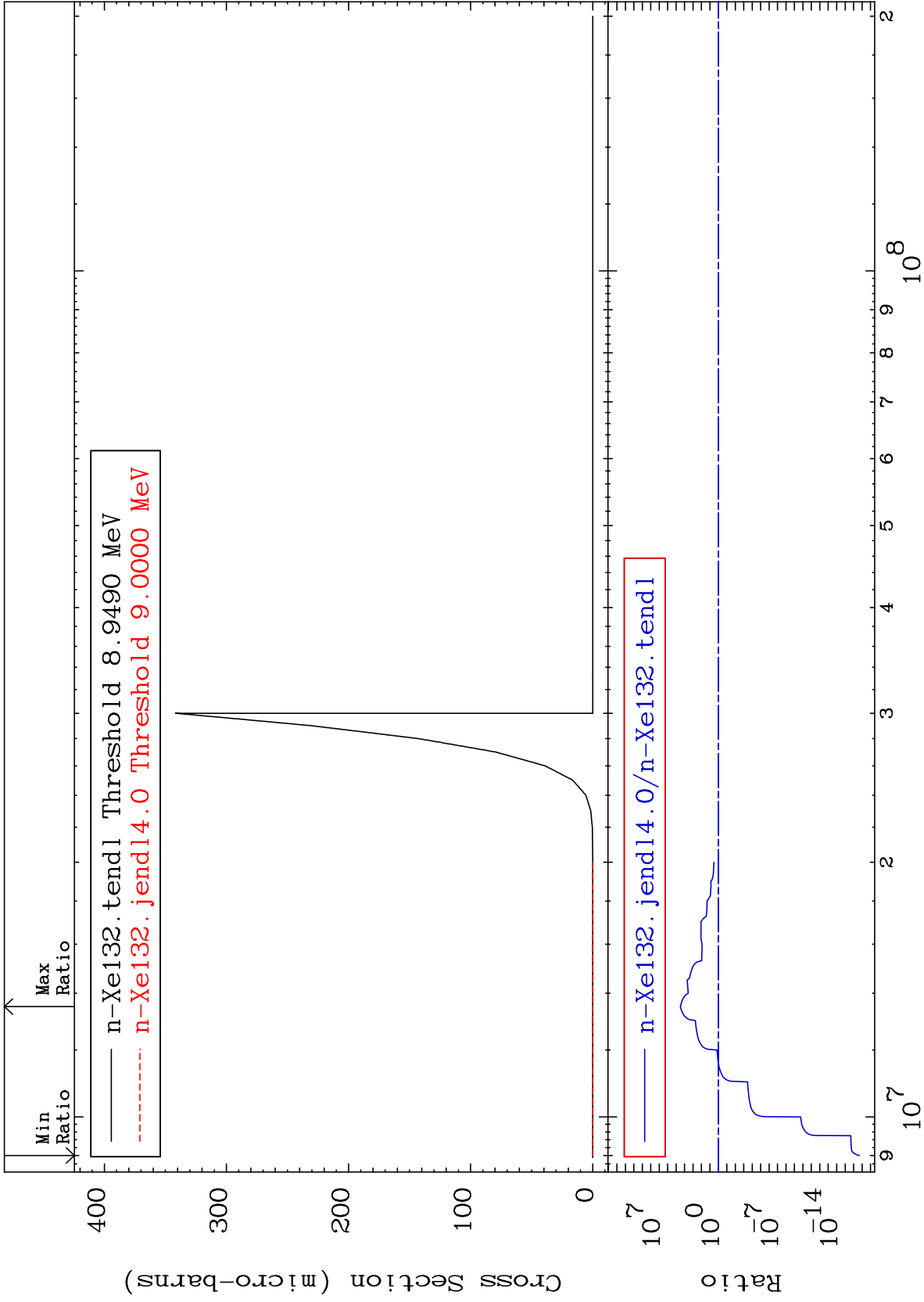
MAT 5449

(n, He-3)

54-Xe-132

Cross Section

-100.0 To 9999. %



33

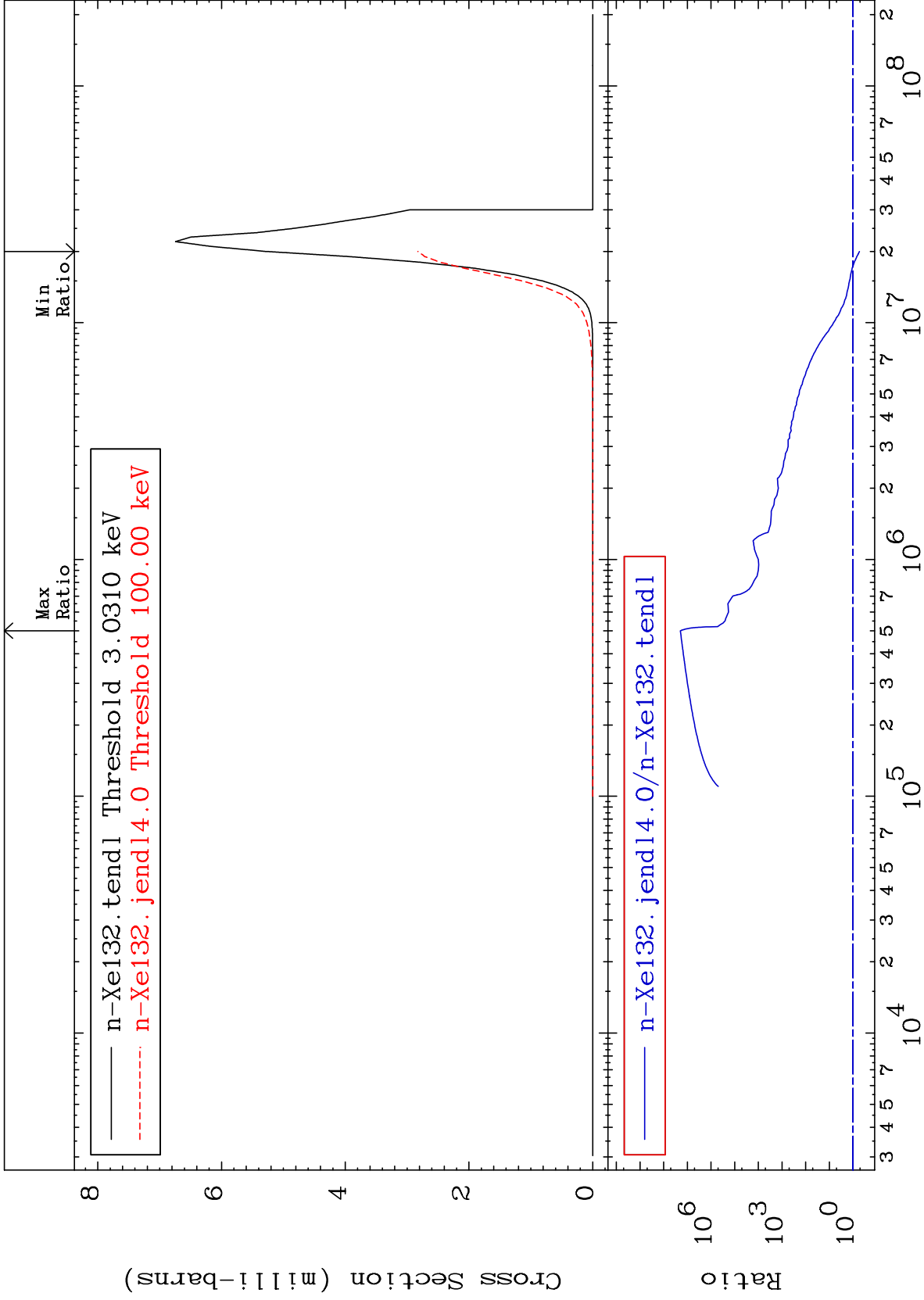
Incident Energy (eV)

54-Xe-132

MAT 5449

54-Xe-132

(n, α)
Cross Section
-46.56 To 9999. %



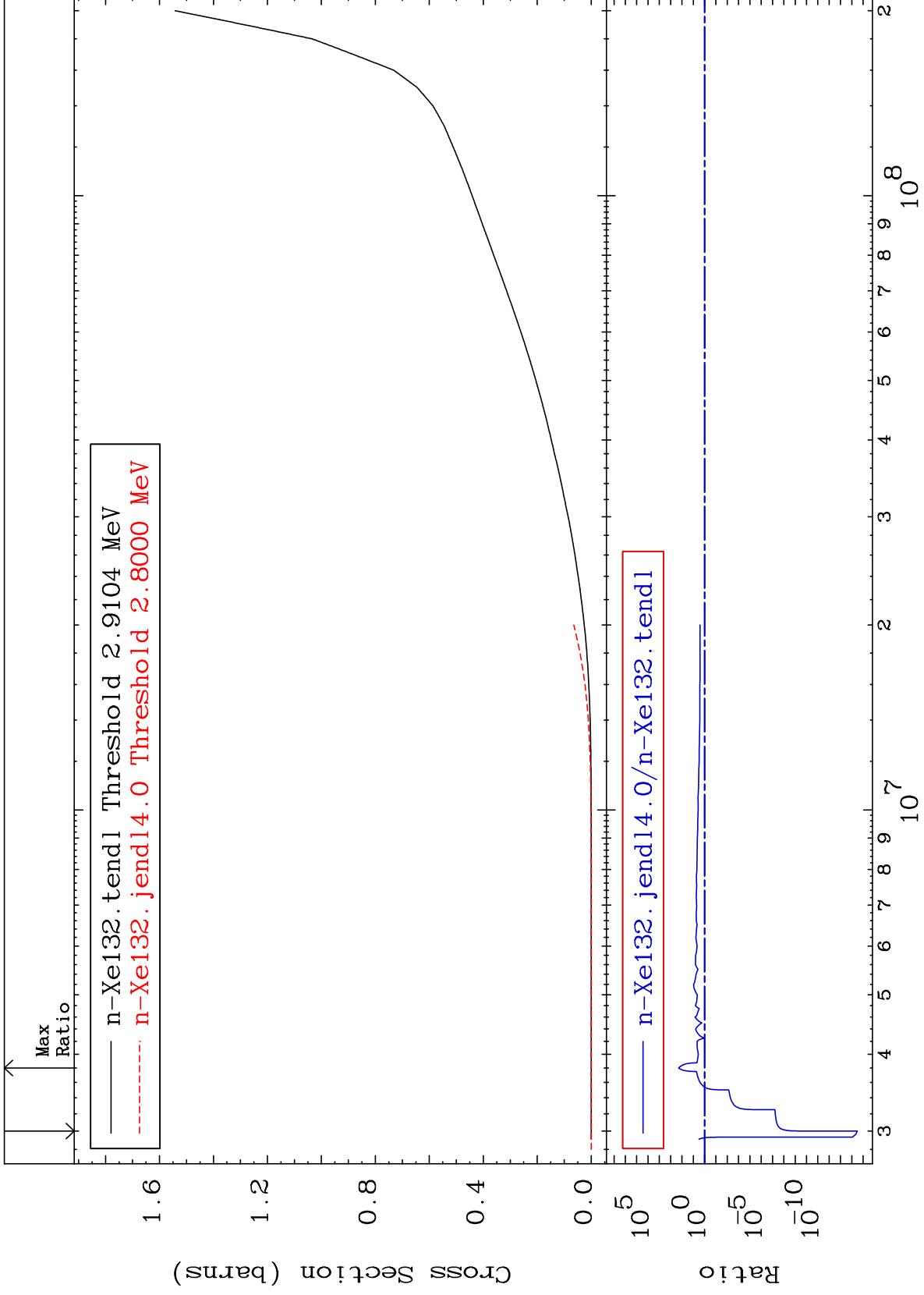
— n-Xe132.tendl Threshold 3.0310 keV
- - - n-Xe132.jendl4.0 Threshold 100.00 keV

— n-Xe132.jendl4.0/n-Xe132.tendl

MAT 5449

Hydrogen Production
Cross Section

54-Xe-132
-100.0 To 9999. %



35

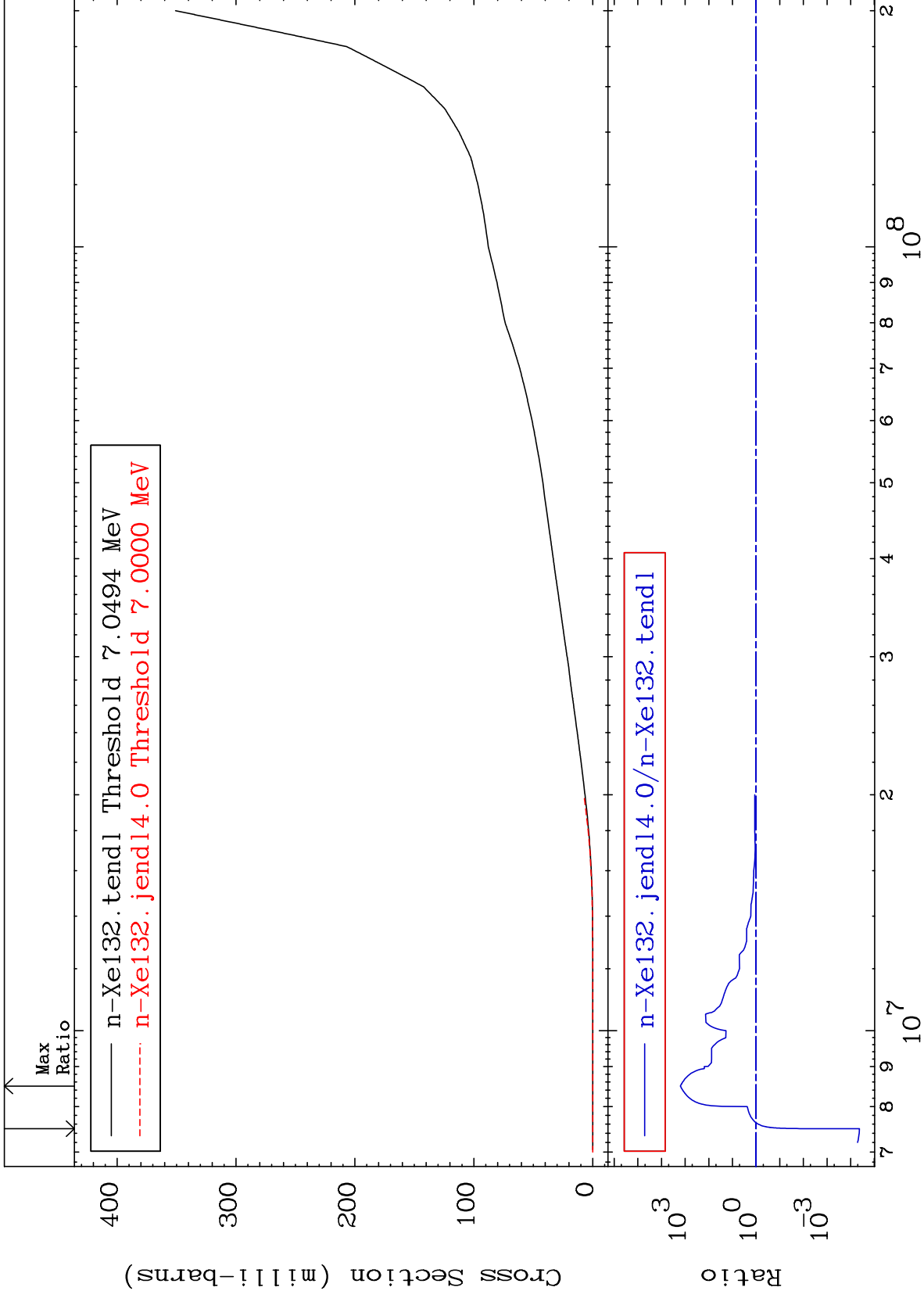
Incident Energy (eV)

54-Xe-132

MAT 5449

Deuterium Production
Cross Section

54-Xe-132
-100.0 To 9999. %



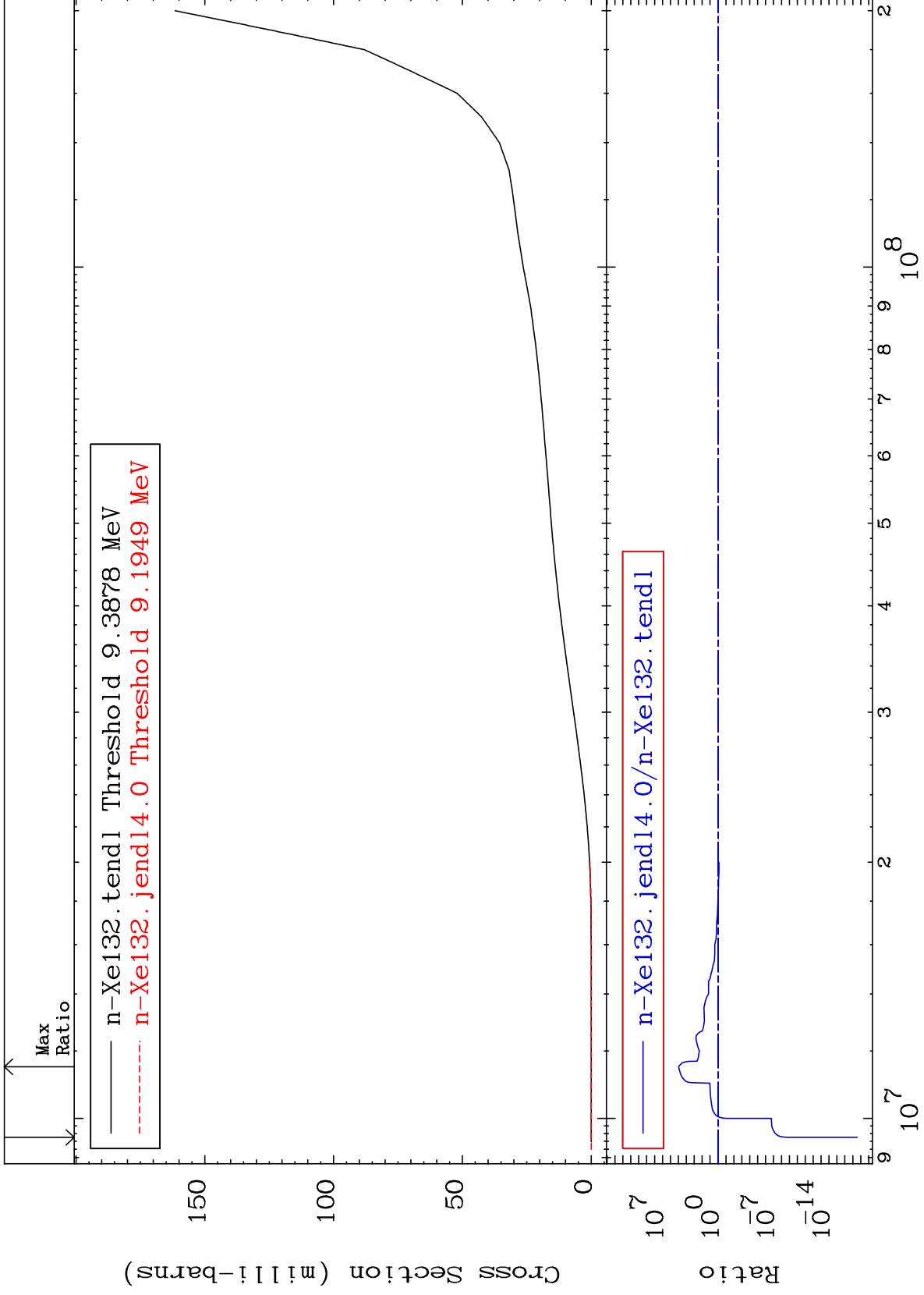
36

54-Xe-132

MAT 5449

Tritium Production
Cross Section

54-Xe-132
-100.0 To 9999. %



37

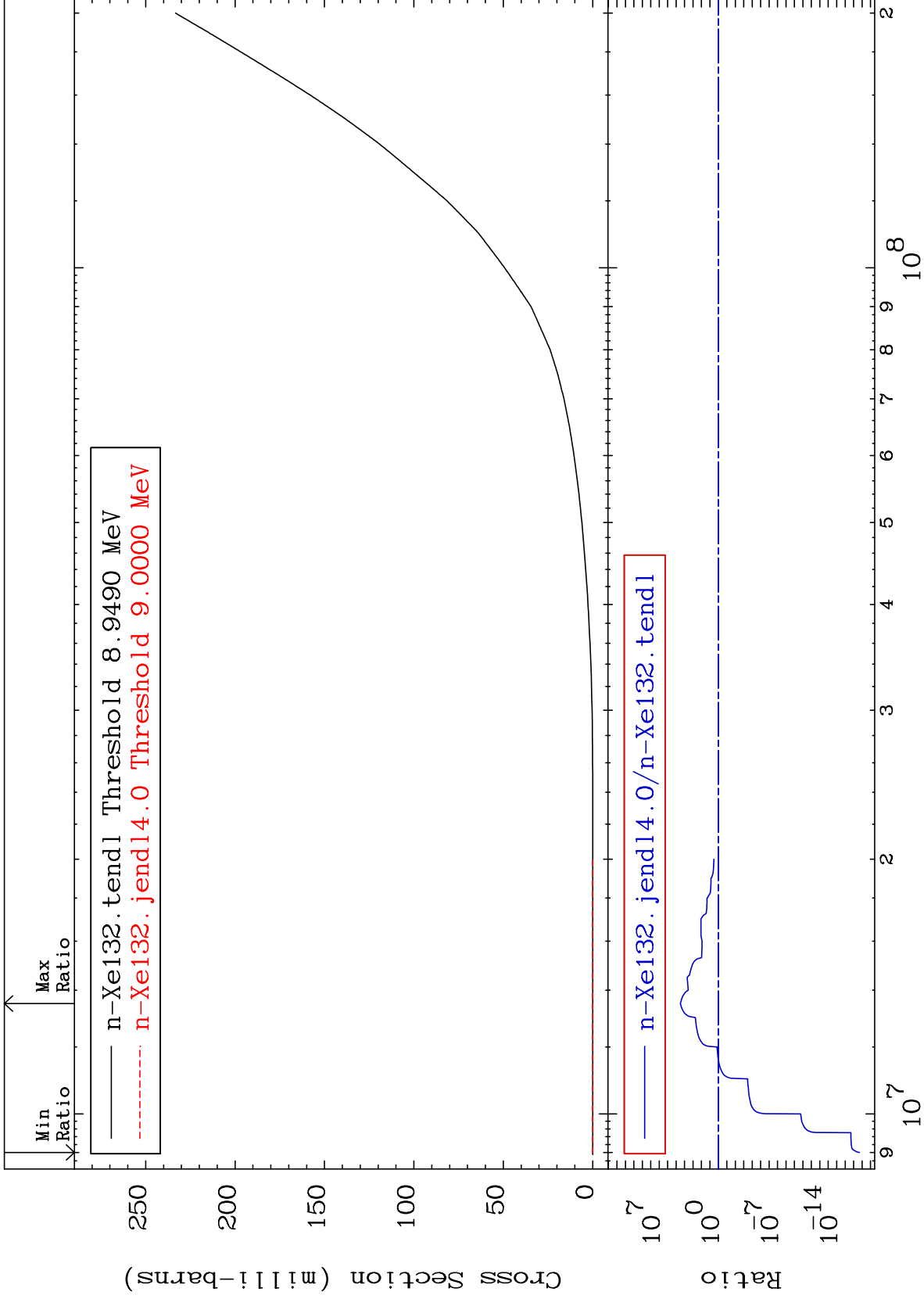
Incident Energy (eV)

54-Xe-132

MAT 5449

He-3 Production
Cross Section

54-Xe-132
-100.0 To 9999. %



38

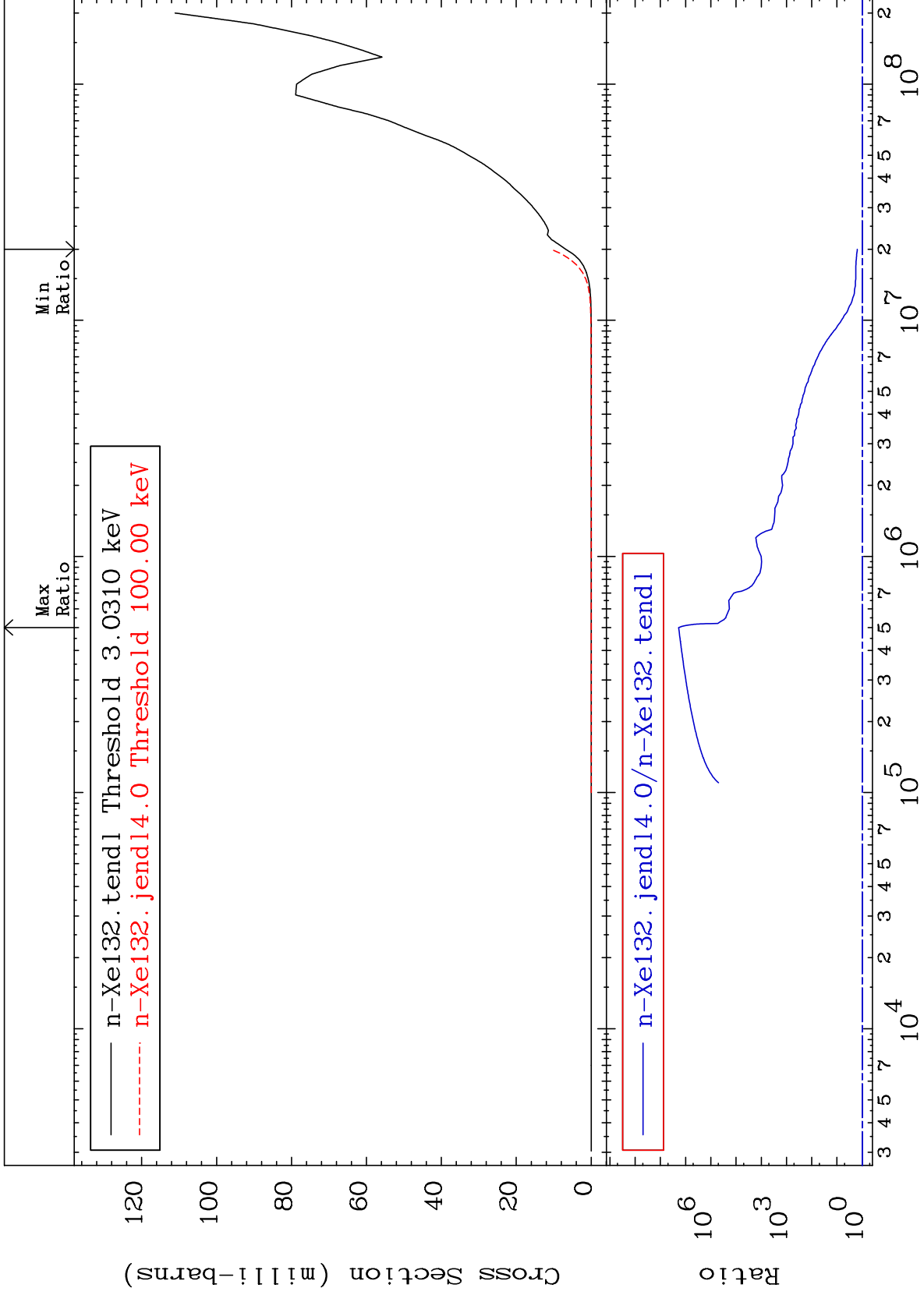
Incident Energy (eV)

54-Xe-132

MAT 5449

He-4 Production
Cross Section

54-Xe-132
To 9999. %
56.63



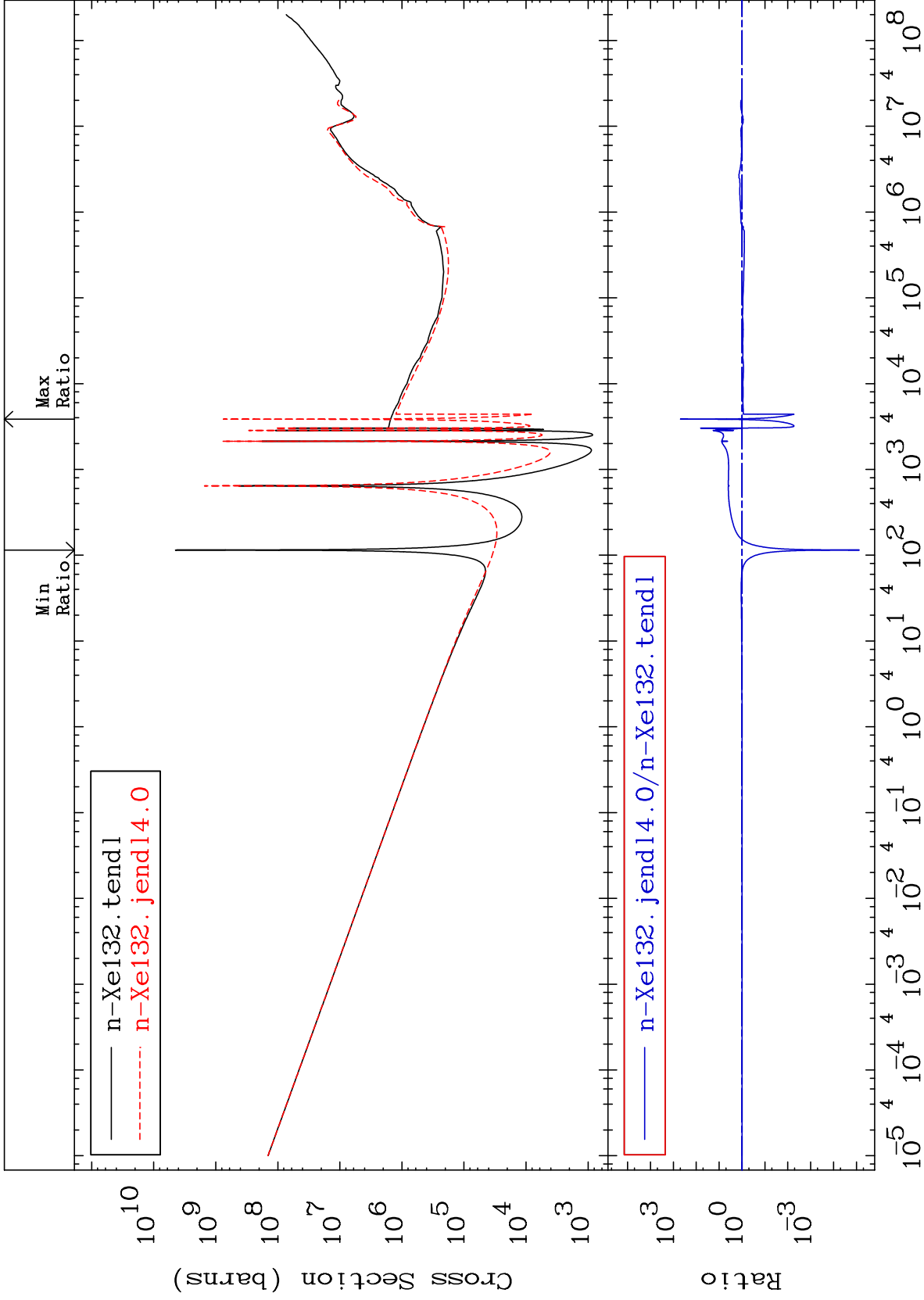
MAT 5449

Kerma total (eV-barns)

54-Xe-132

Cross Section

-100.0 To 9999. %



40

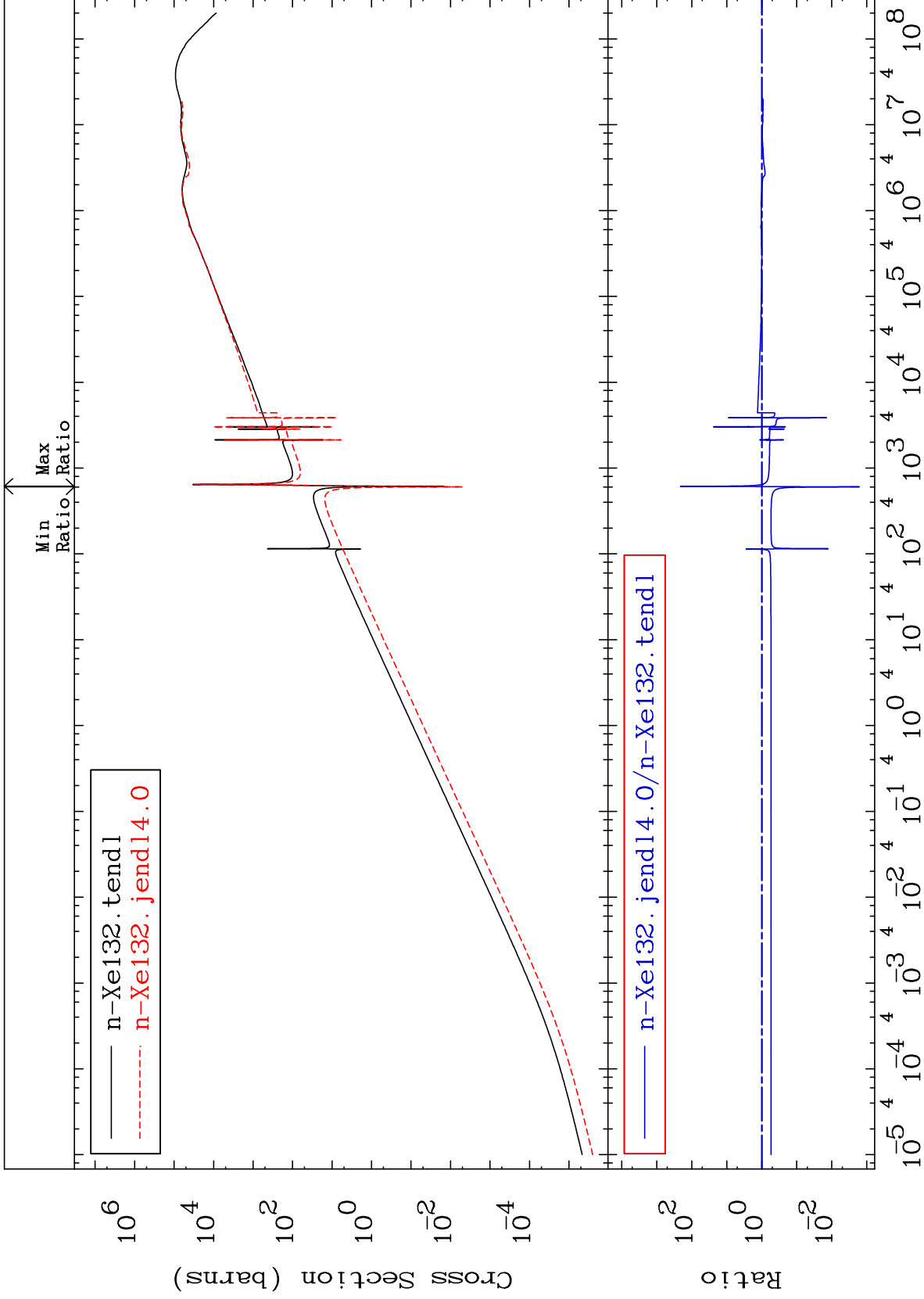
Incident Energy (eV)

54-Xe-132

MAT 5449

Kerma elastic
Cross Section

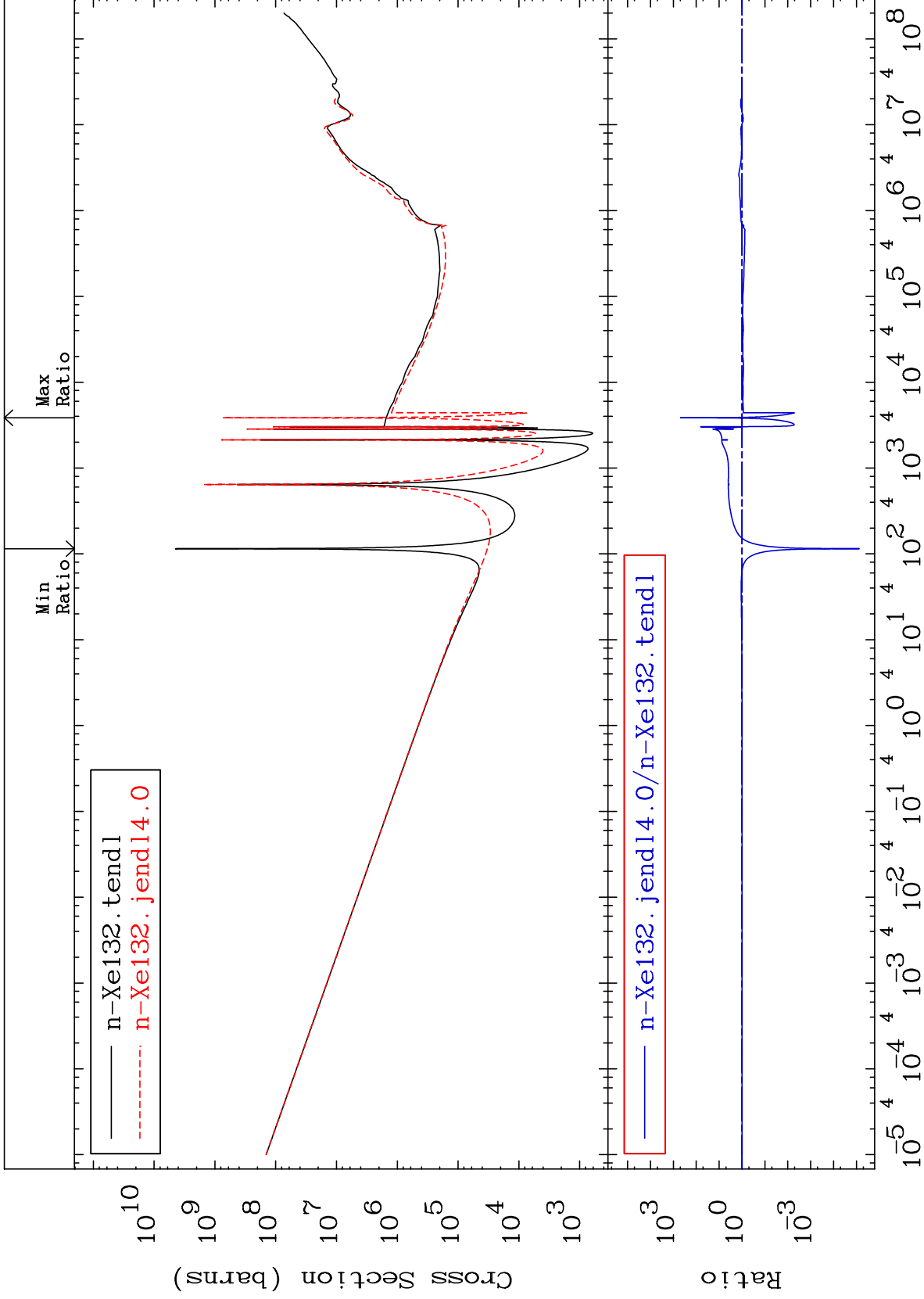
54-Xe-132
-99.84 To 9999. %

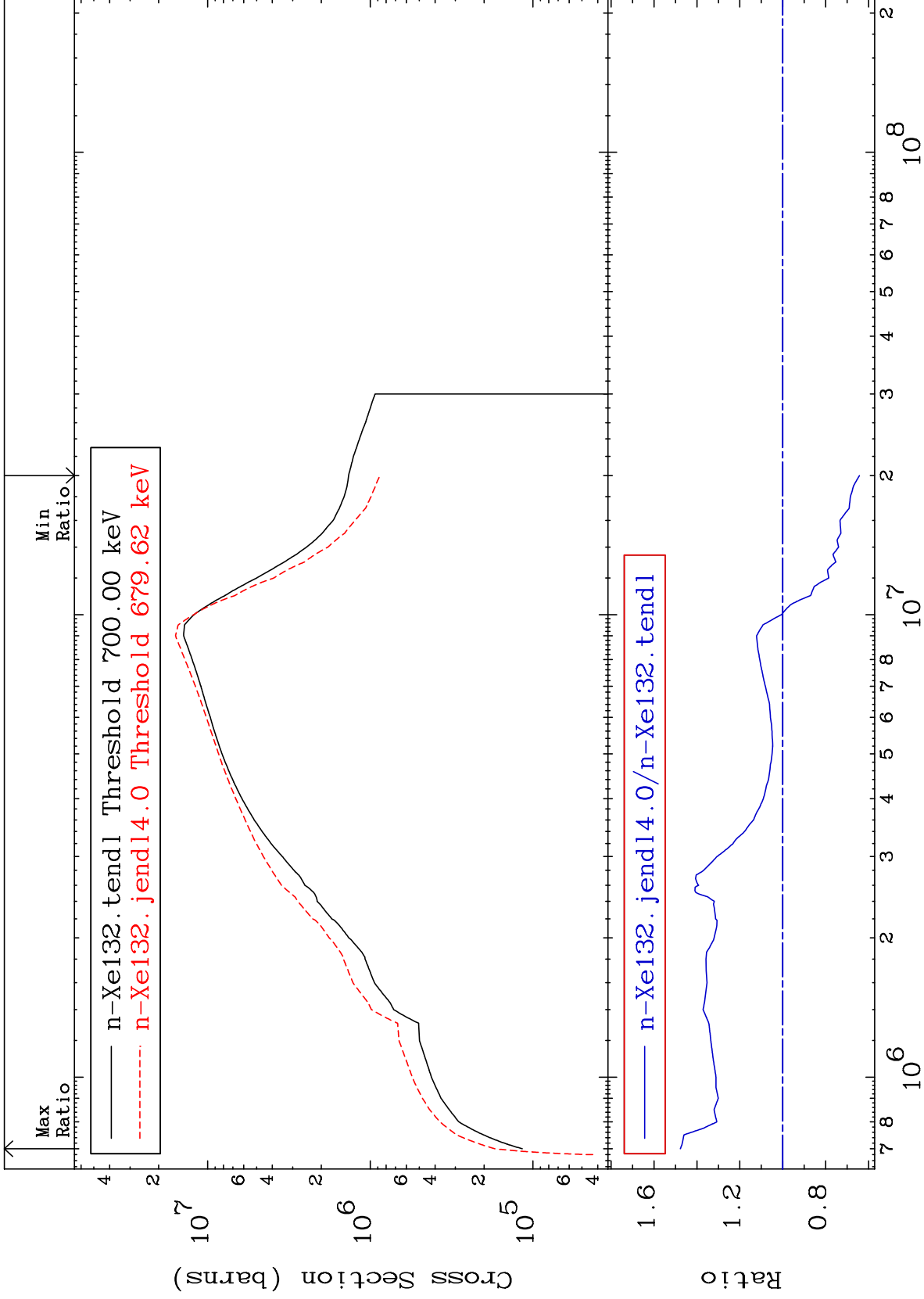


41

Incident Energy (eV)

54-Xe-132

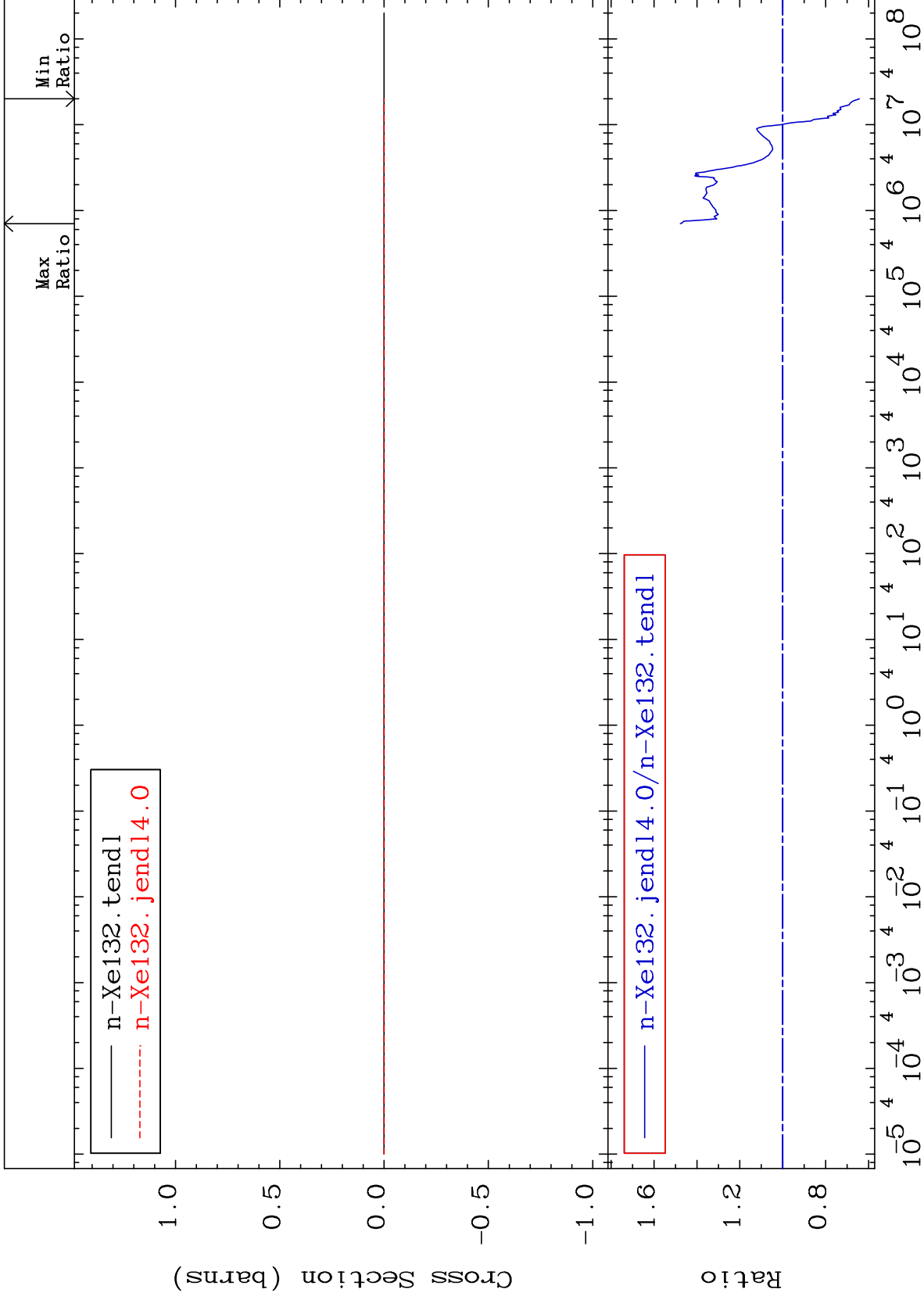




MAT 5449

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

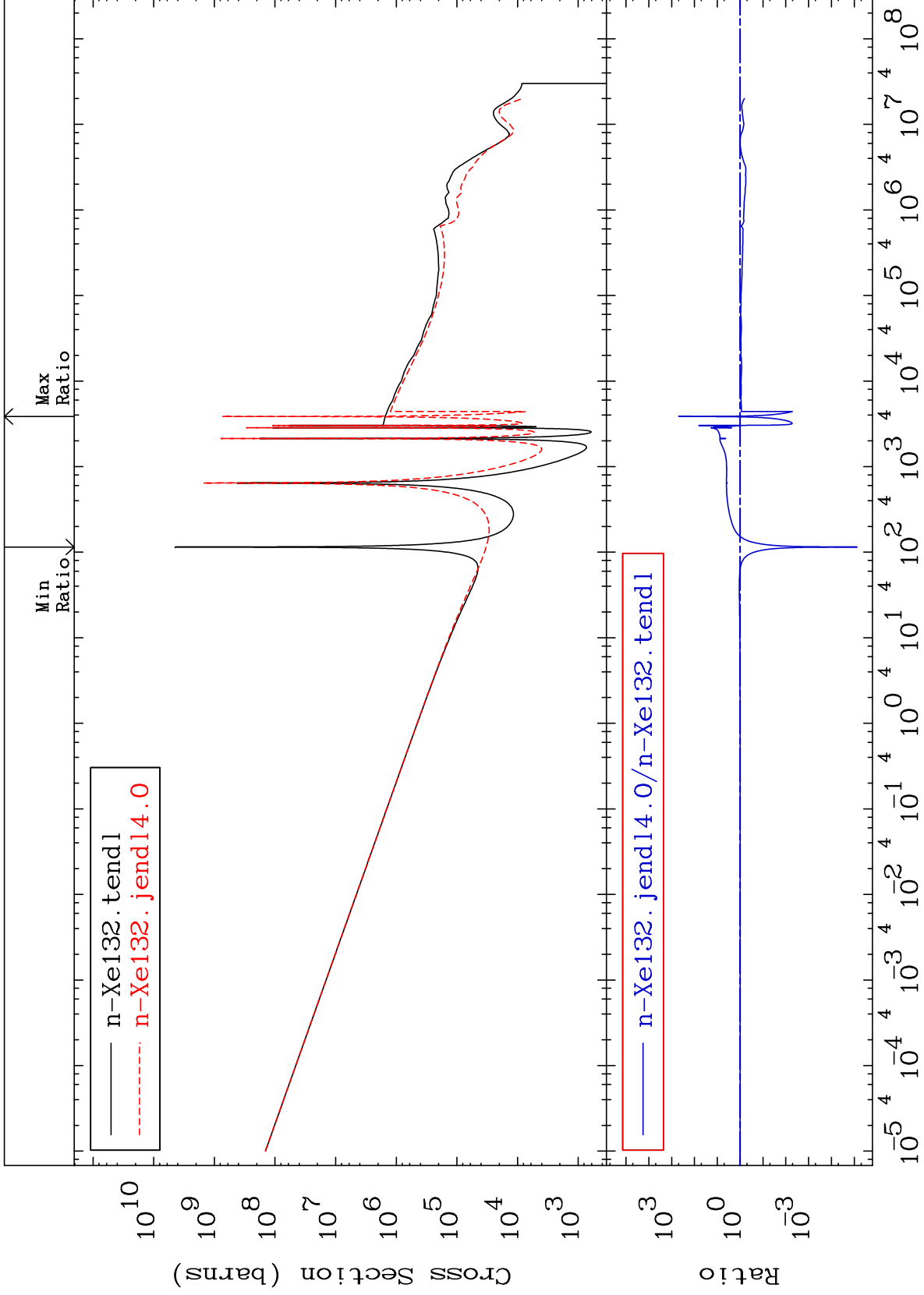
54-Xe-132
-35.77 To 47.73 %



MAT 5449

Kerma capture (mt102)
Cross Section

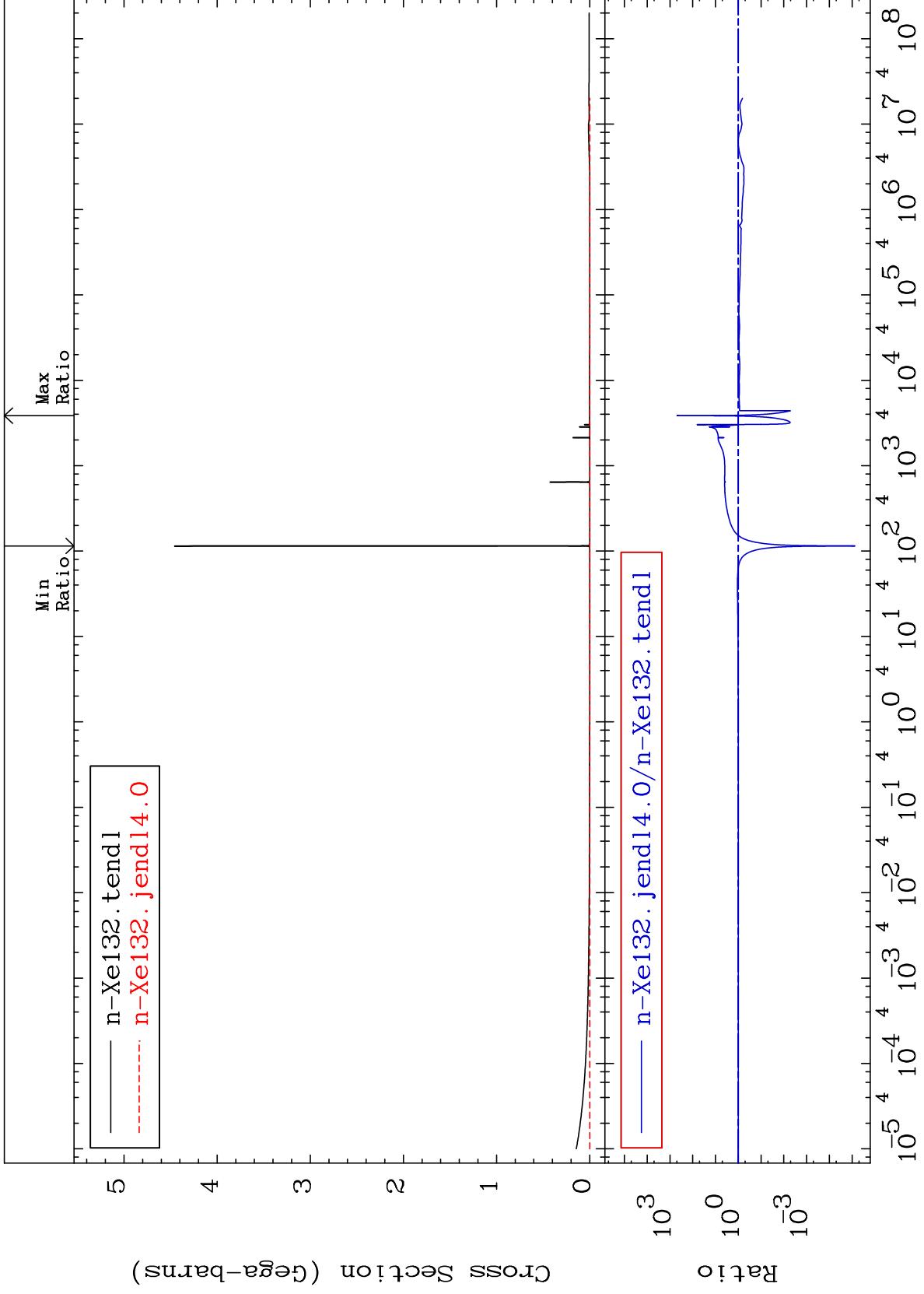
54-Xe-132
-100.0 To 9999. %

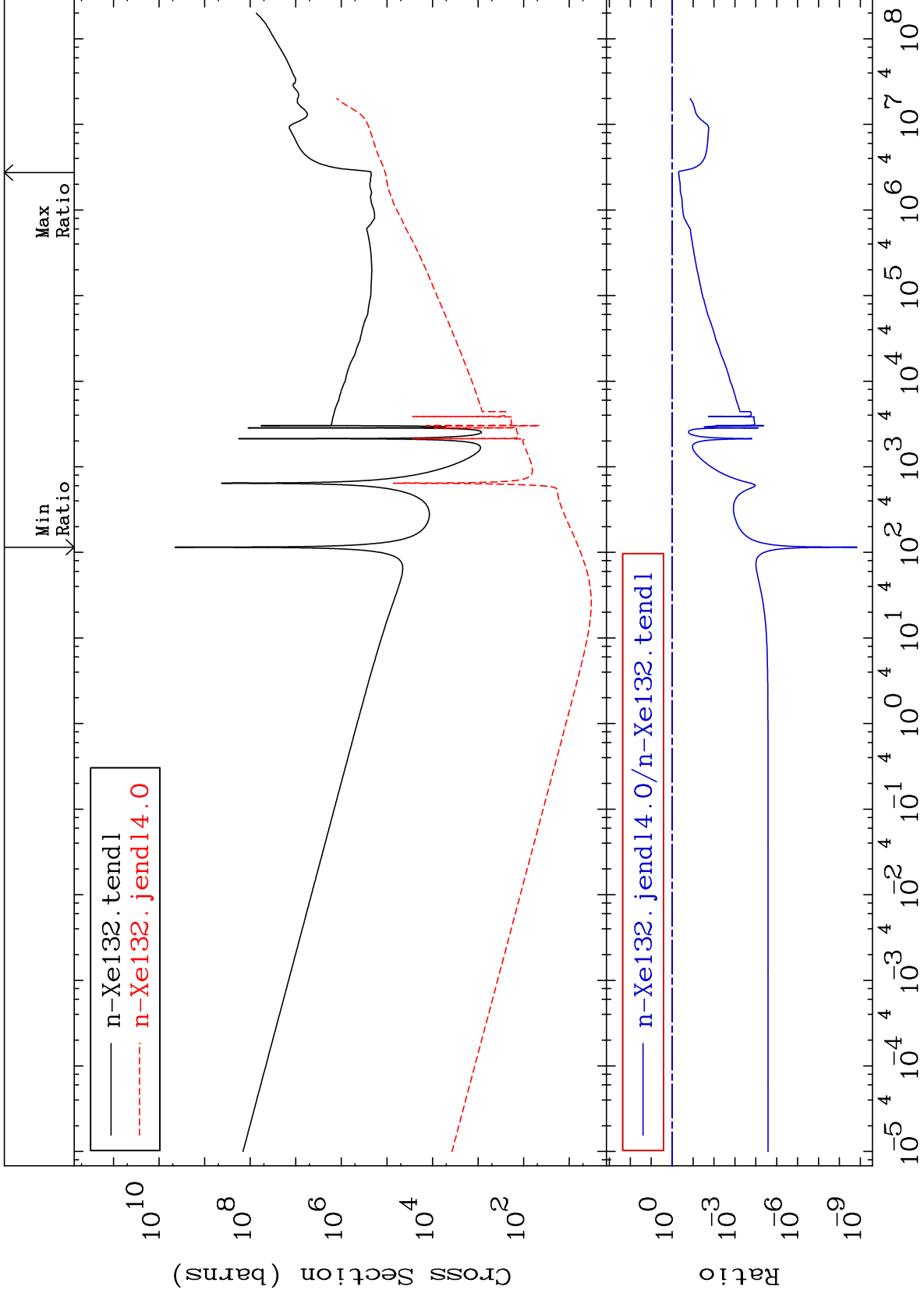


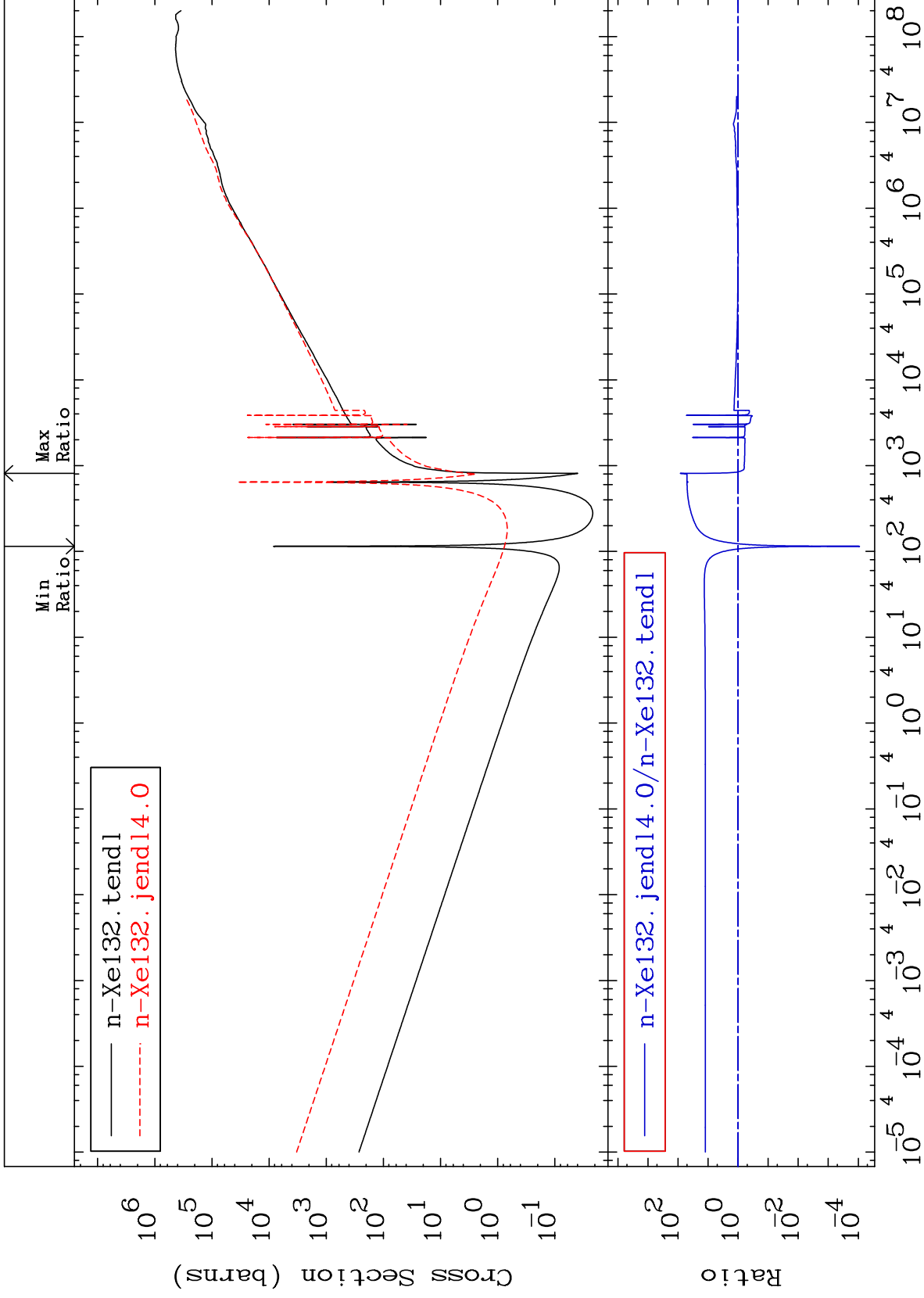
MAT 5449

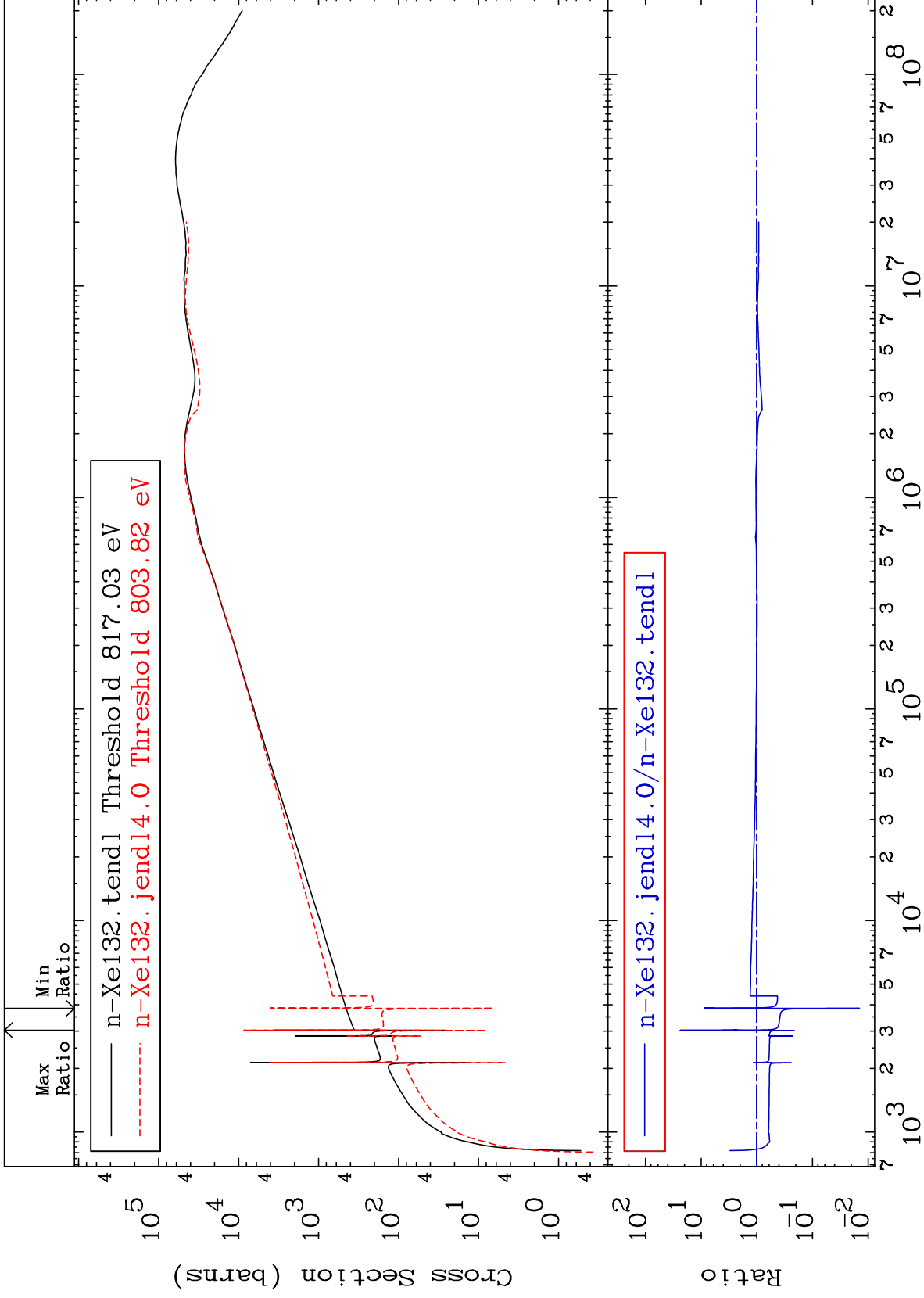
Total photon (eV-barns)
Cross Section

54-Xe-132
-100.0 To 9999. %









MAT 5449

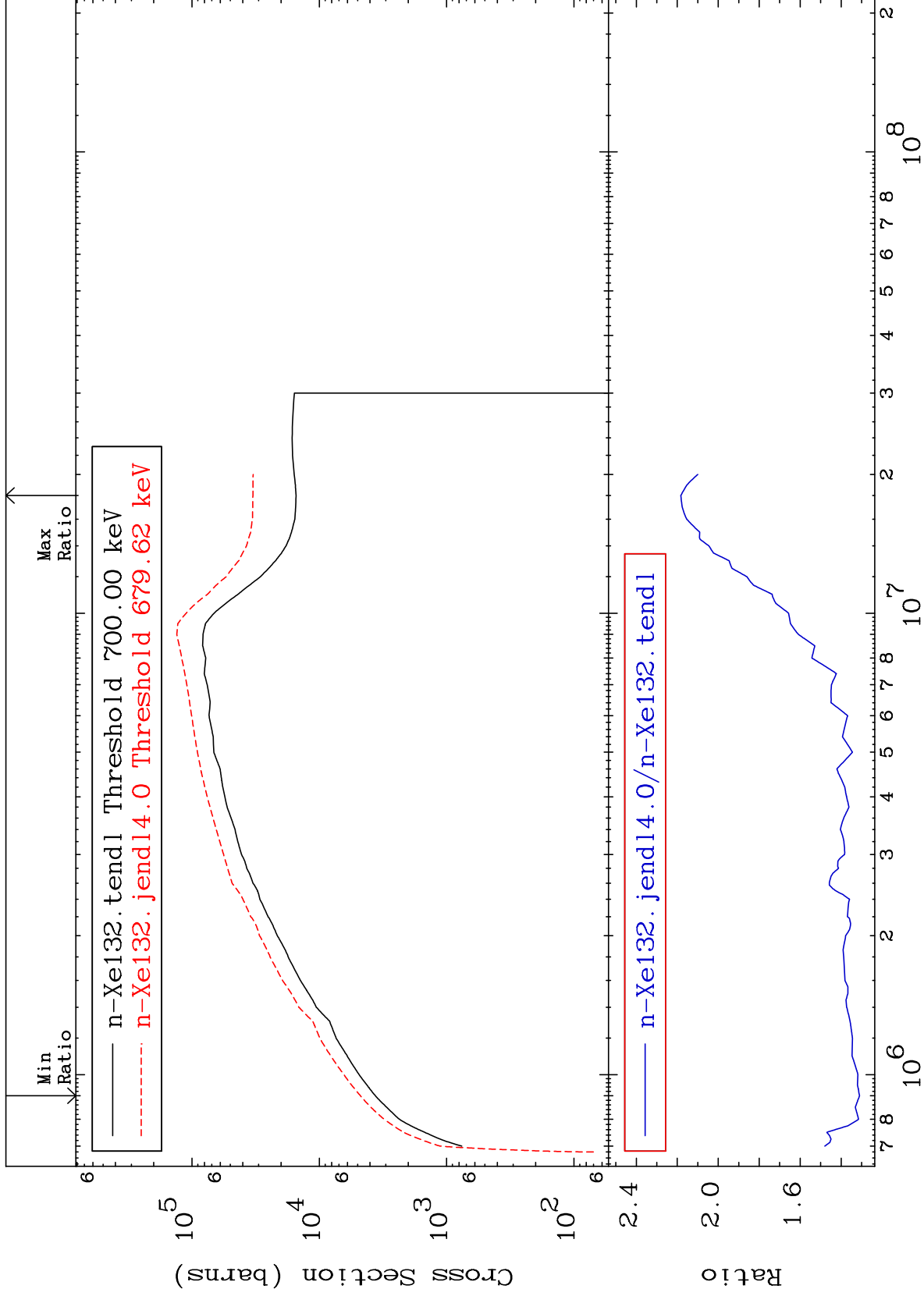
Dpa inelastic (mt51-91)

54-Xe-132

Cross Section

31.02

To 118.3 %



50

54-Xe-132

