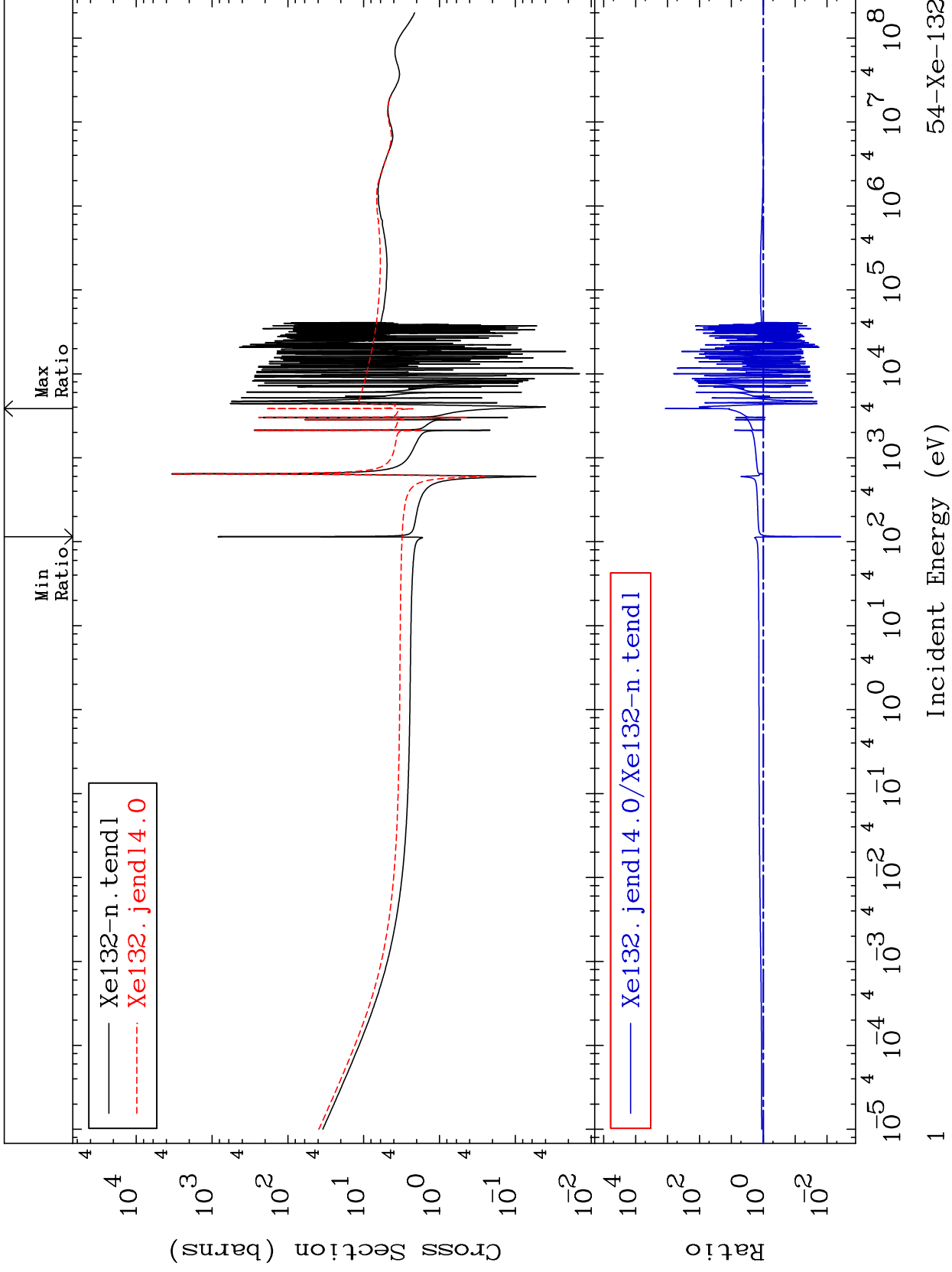


MAT 5449

Total
Cross Section

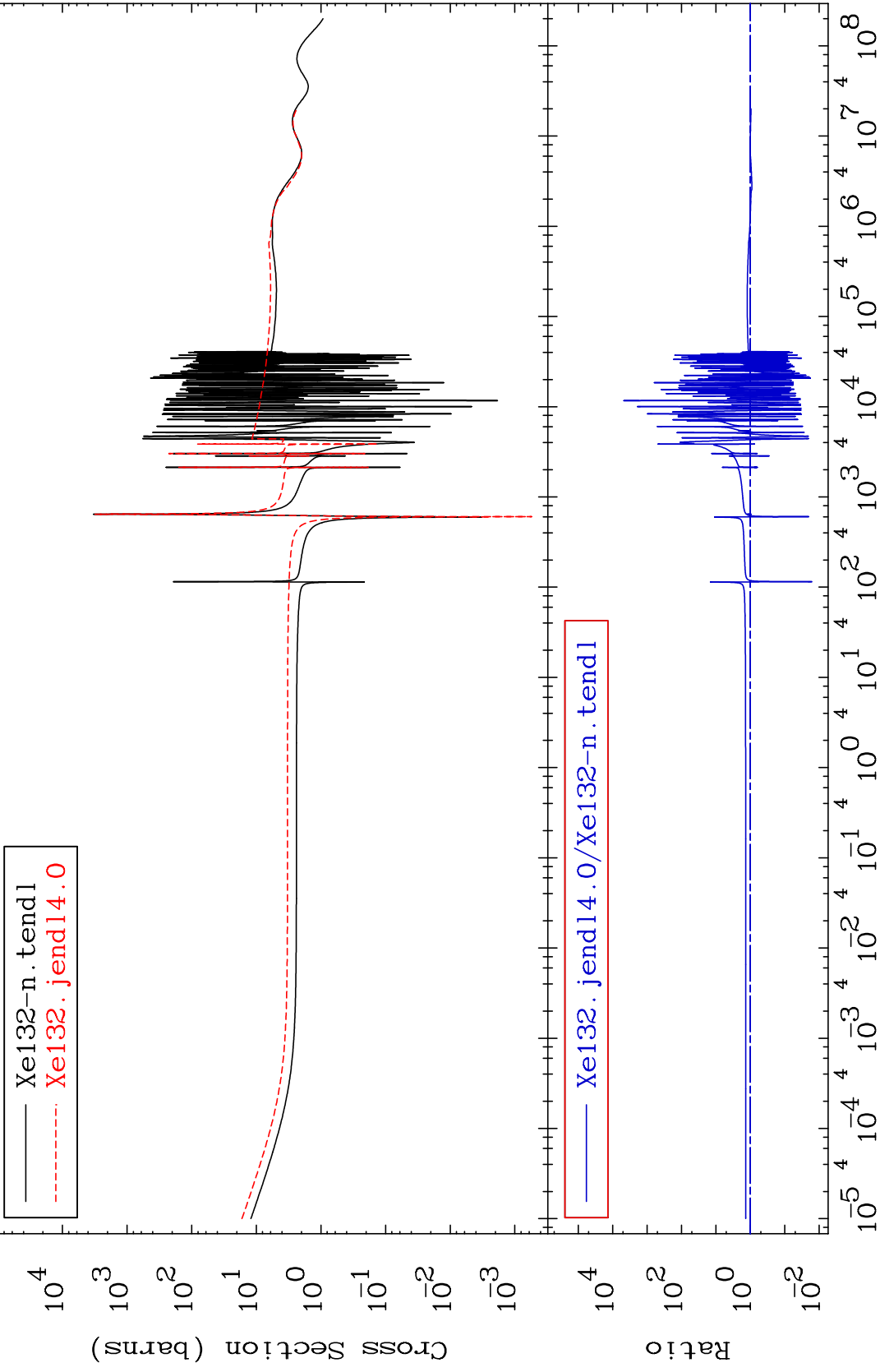
54-Xe-132
-99.62 To 9999. %



MAT 5449

Elastic
Cross Section

54-Xe-132
-98.39 To 9999. %



Incident Energy (eV)

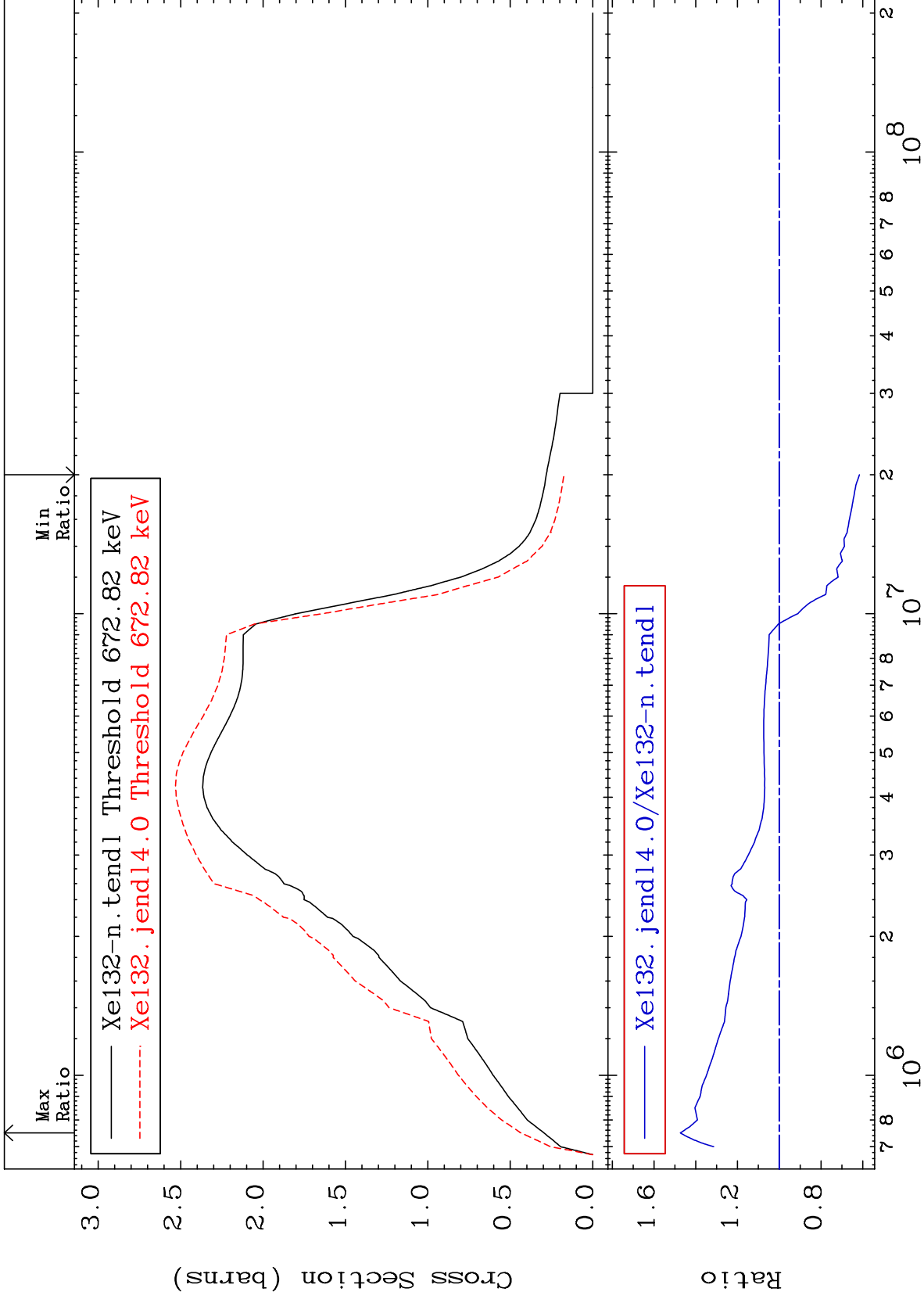
2

54-Xe-132

MAT 5449

Inelastic
Cross Section

54-Xe-132
-38.42 To 47.40 %



3

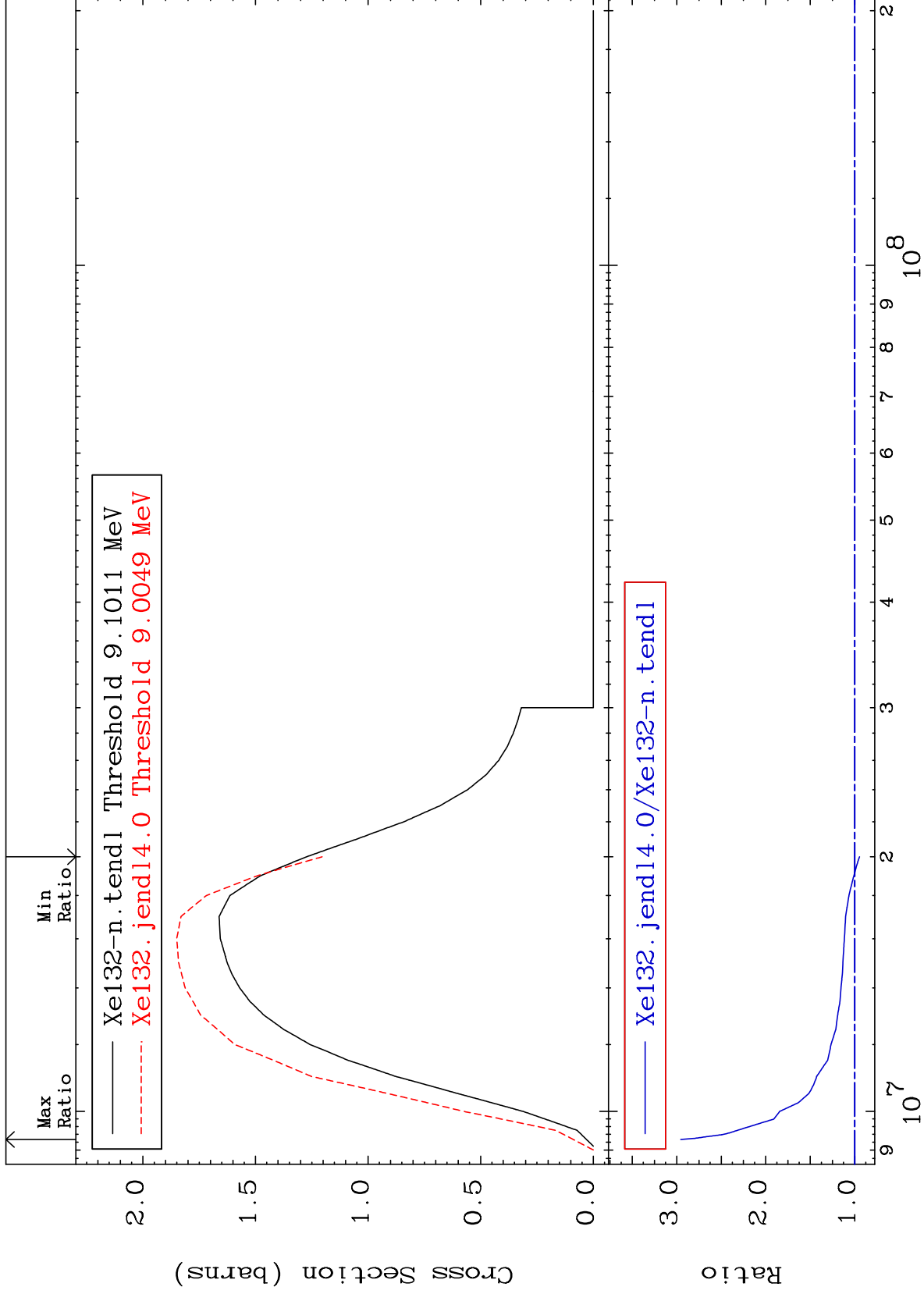
Incident Energy (eV)

54-Xe-132

MAT 5449

(n,2n)
Cross Section

54-Xe-132
-5.405 To 195.4 %



54-Xe-132

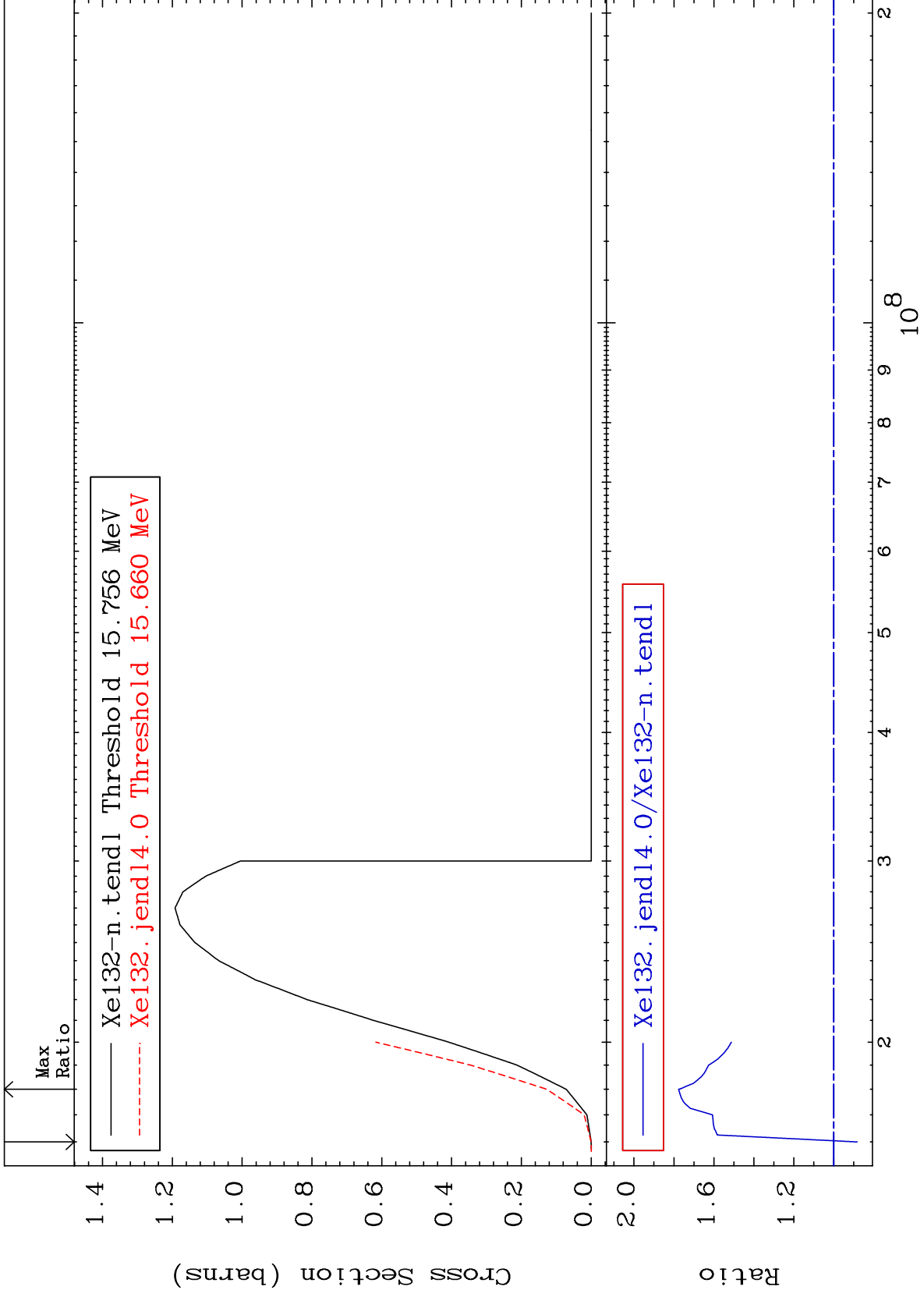
Incident Energy (eV)

4

MAT 5449

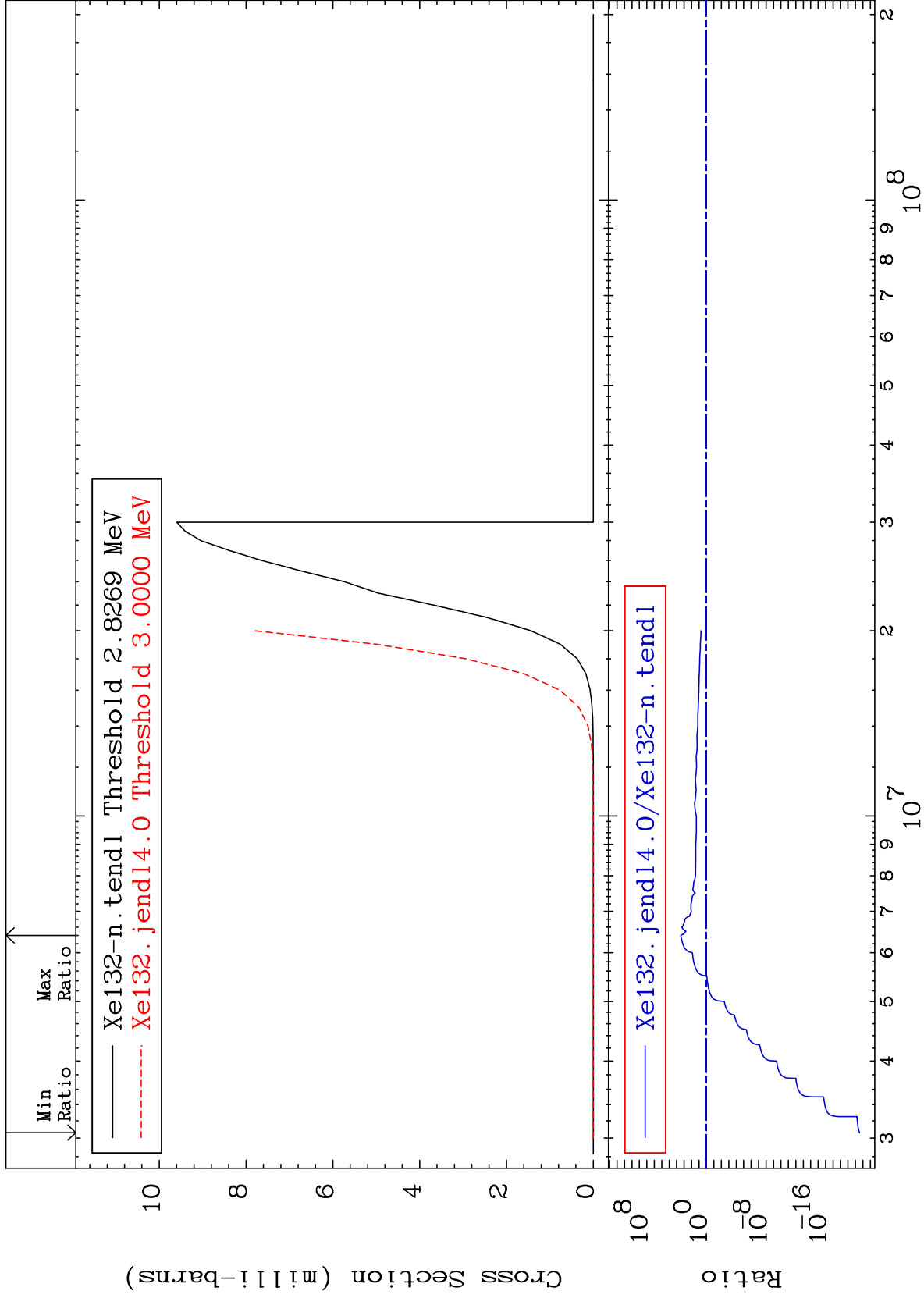
(n,3n)
Cross Section

54-Xe-132
-11.73 To 77.64 %



MAT 5449

(n, n') α
Cross Section
54-Xe-132
-100.0 To 9999. %



6

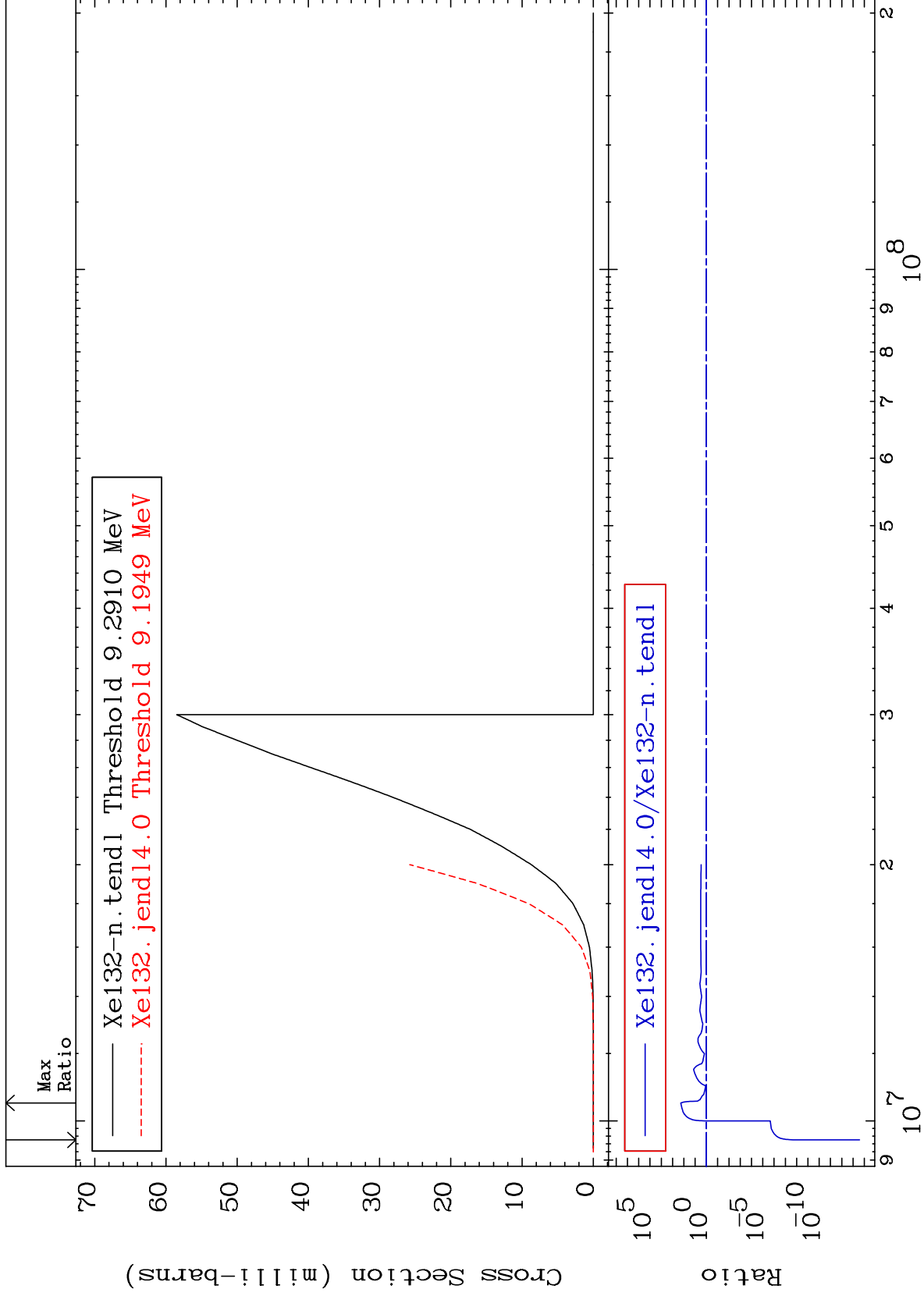
Incident Energy (eV)

54-Xe-132

MAT 5449

(n, n') p
Cross Section

54-Xe-132
-100.0 To 9999. %



7

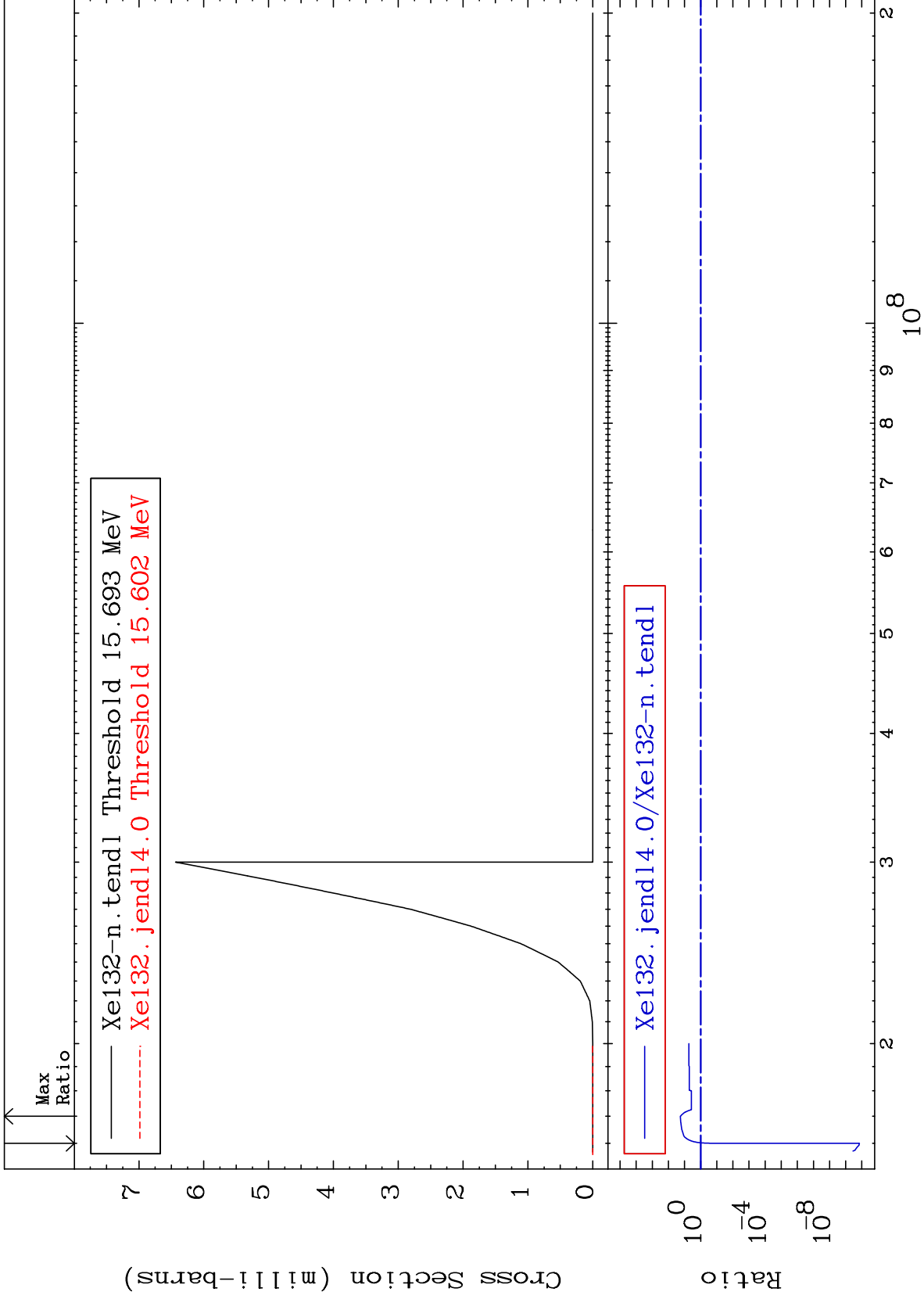
Incident Energy (eV)

54-Xe-132

MAT 5449

(n,n') d
Cross Section

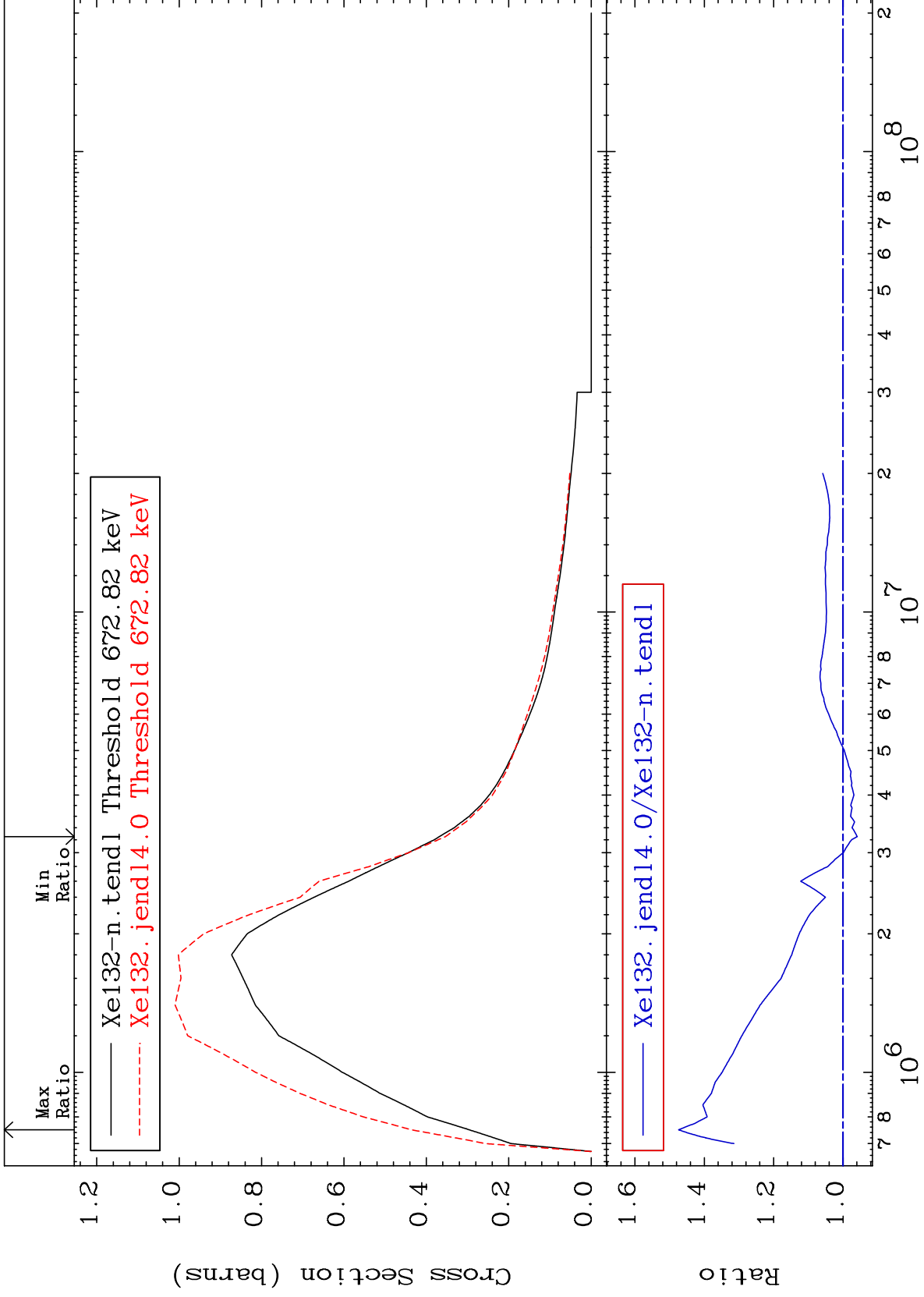
54-Xe-132
-100.0 To 1719. %



MAT 5449

667.7 keV (n,n') Level
Cross Section

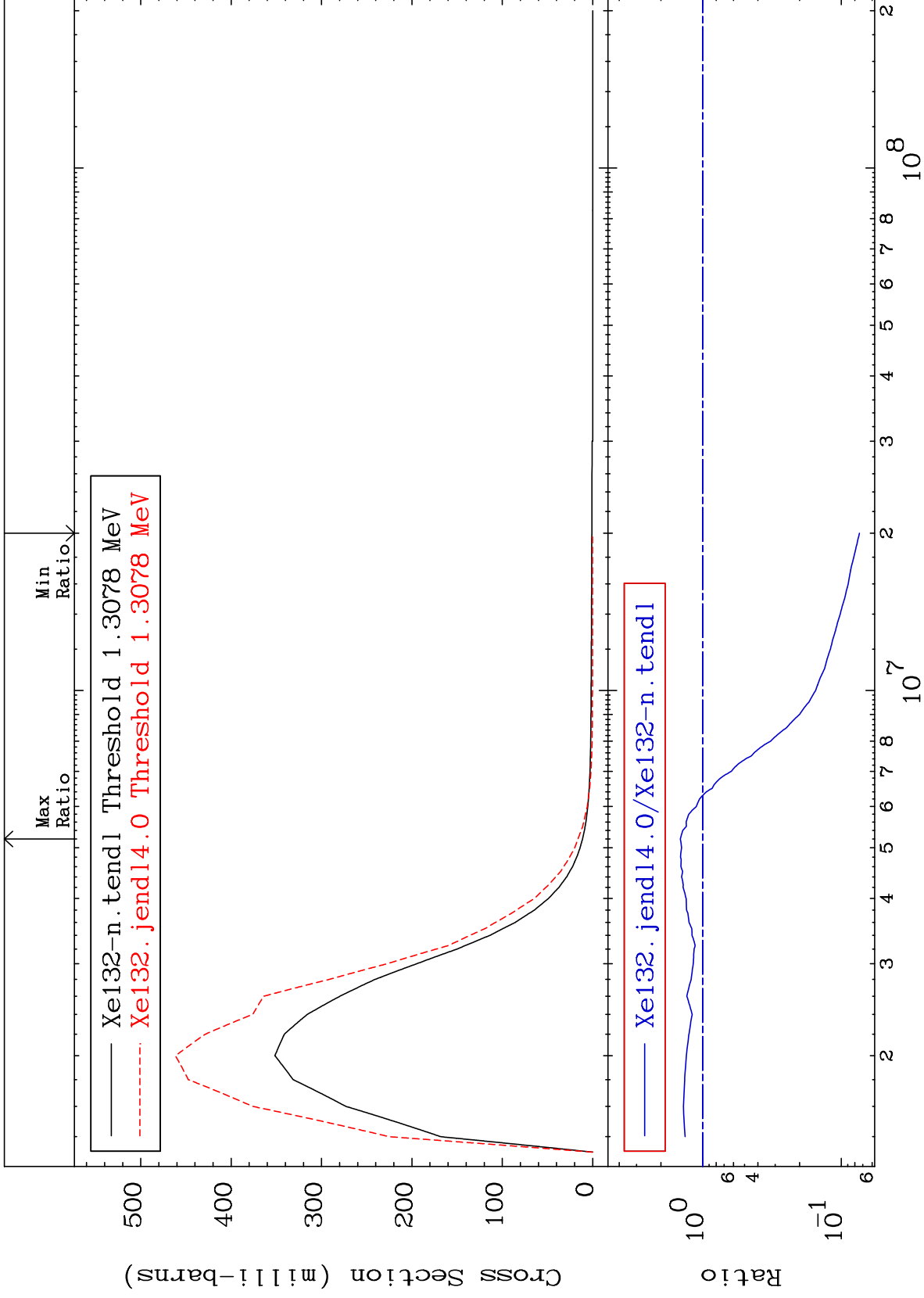
54-Xe-132
-4.101 To 47.40 %



MAT 5449

1.298 MeV (n,n') Level
Cross Section

54-Xe-132
-92.59 To 44.91 %



10

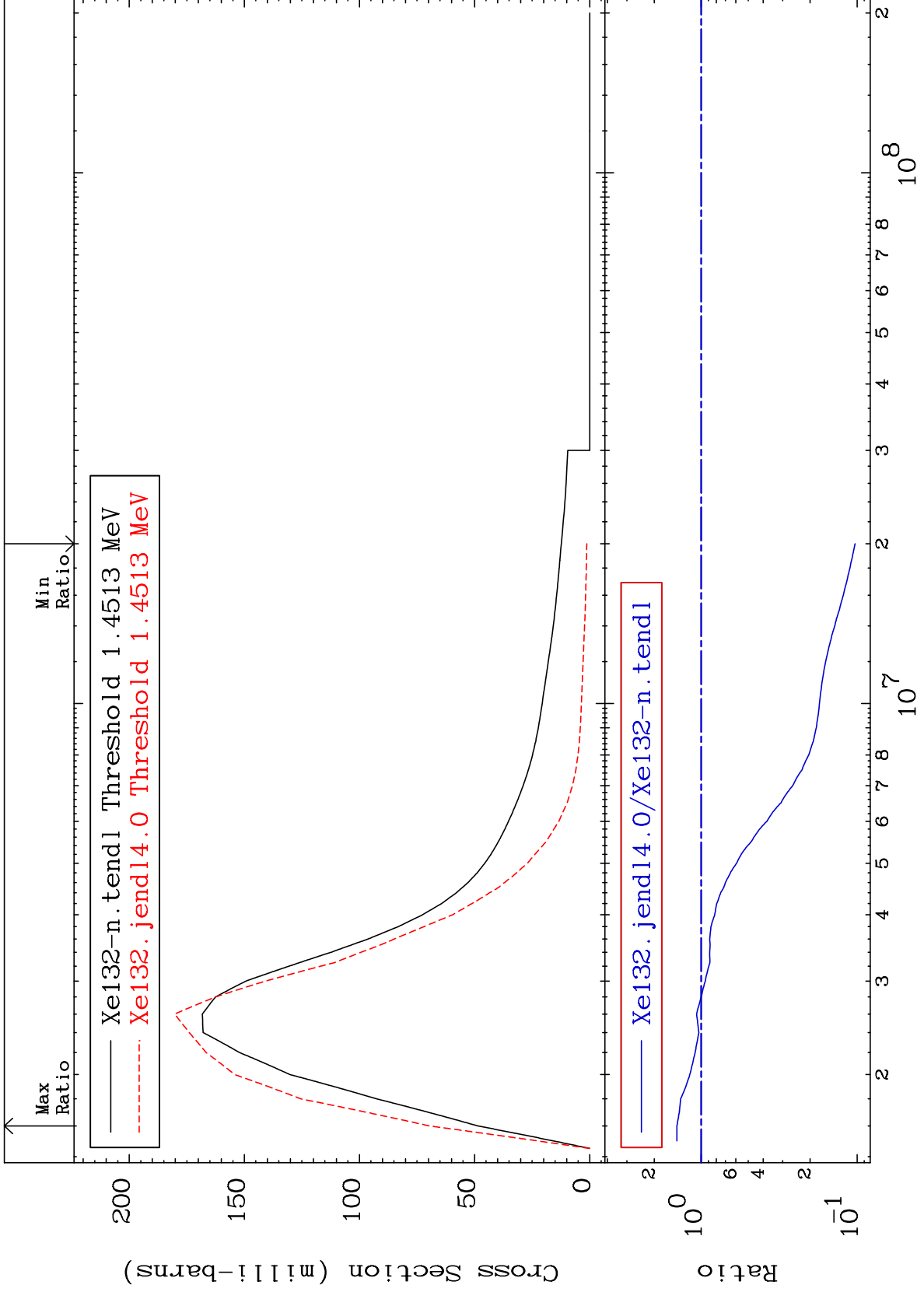
Incident Energy (eV)

54-Xe-132

MAT 5449

1.440 MeV (n,n') Level
Cross Section

54-Xe-132
-89.70 To 43.24 %



11

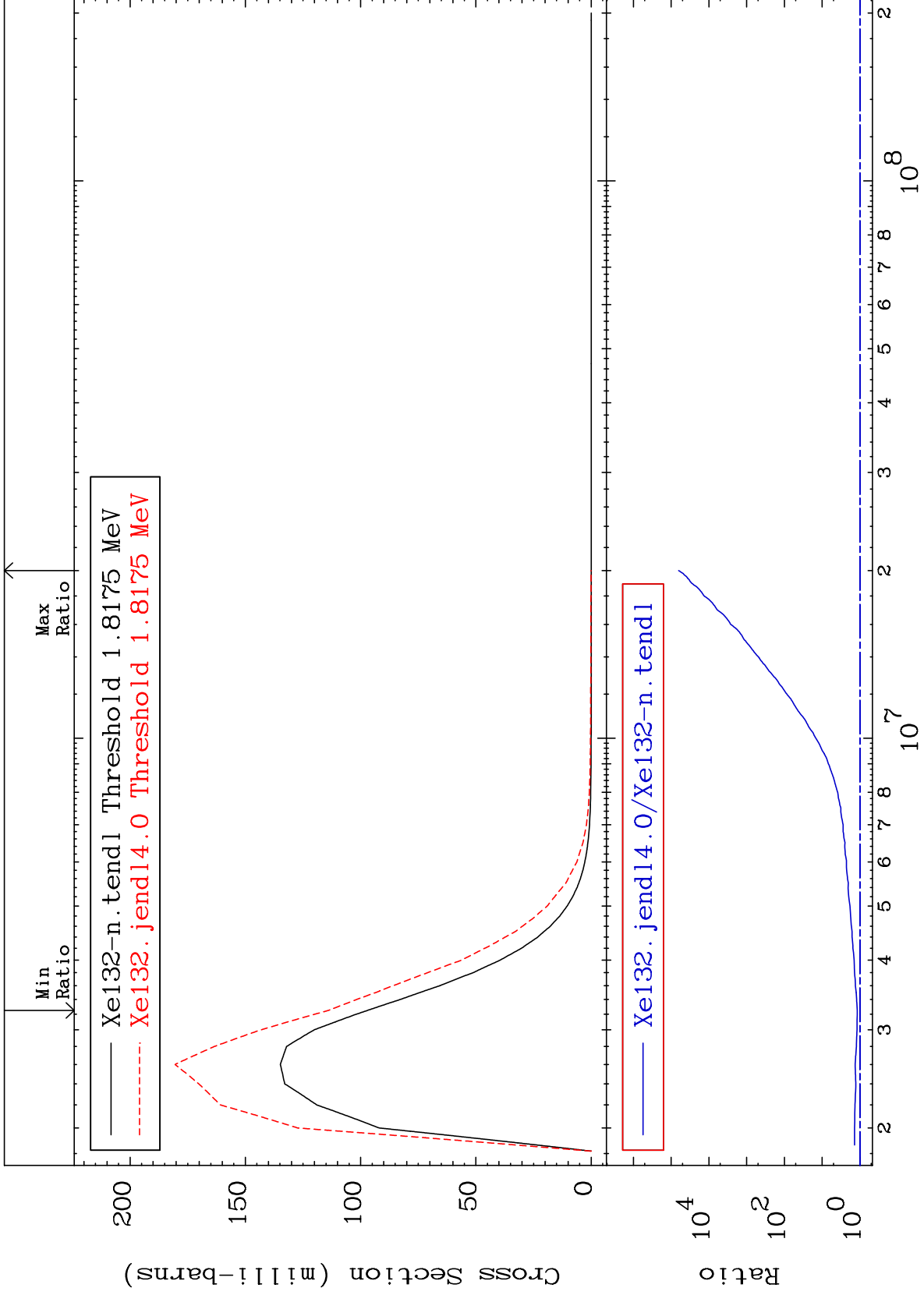
Incident Energy (eV)

54-Xe-132

MAT 5449

1.804 MeV (n,n') Level
Cross Section

54-Xe-132
17.43 To 9999. %



12

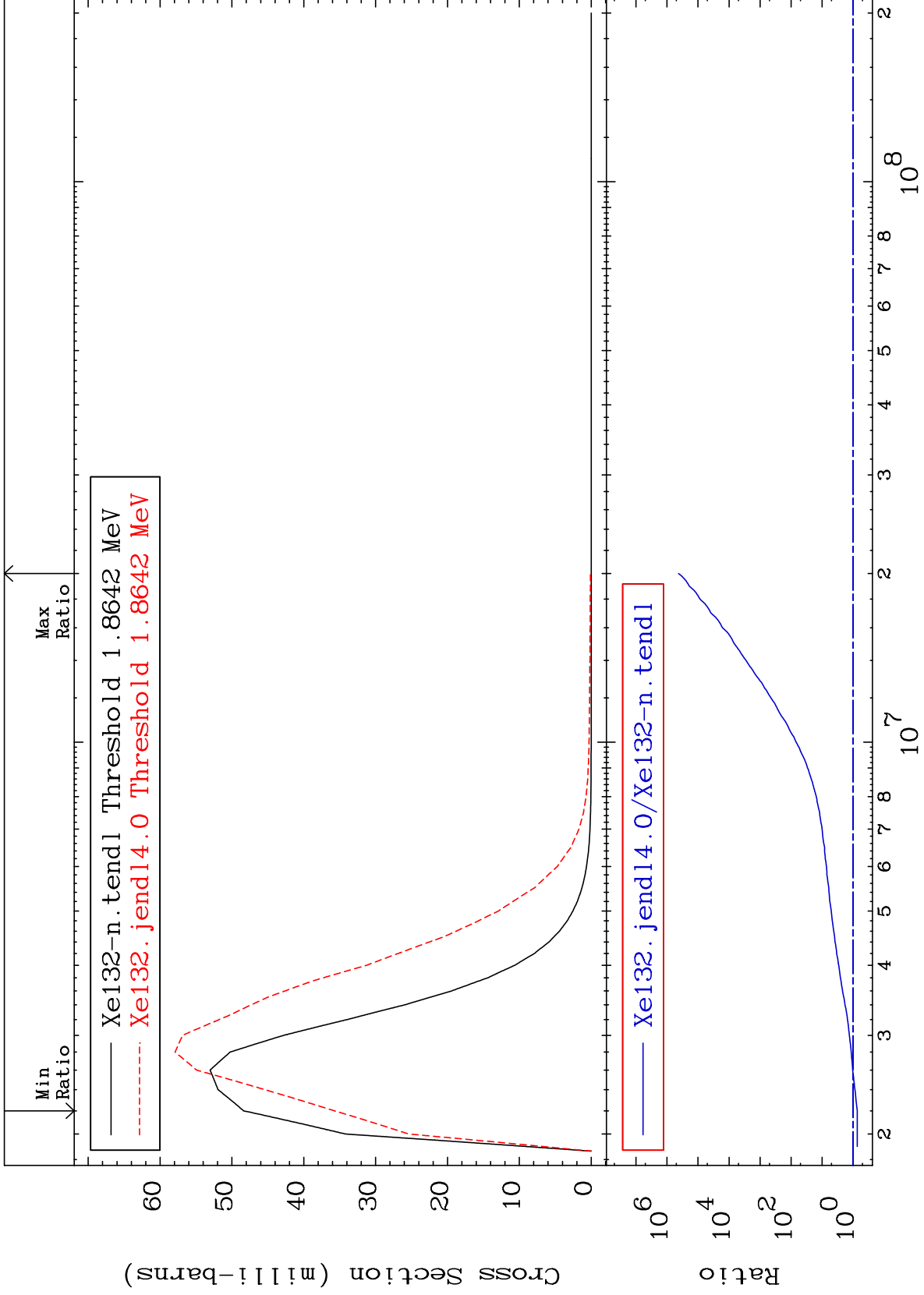
Incident Energy (eV)

54-Xe-132

MAT 5449

1.850 MeV (n,n') Level
Cross Section

54-Xe-132
-26.13 To 9999. %



13

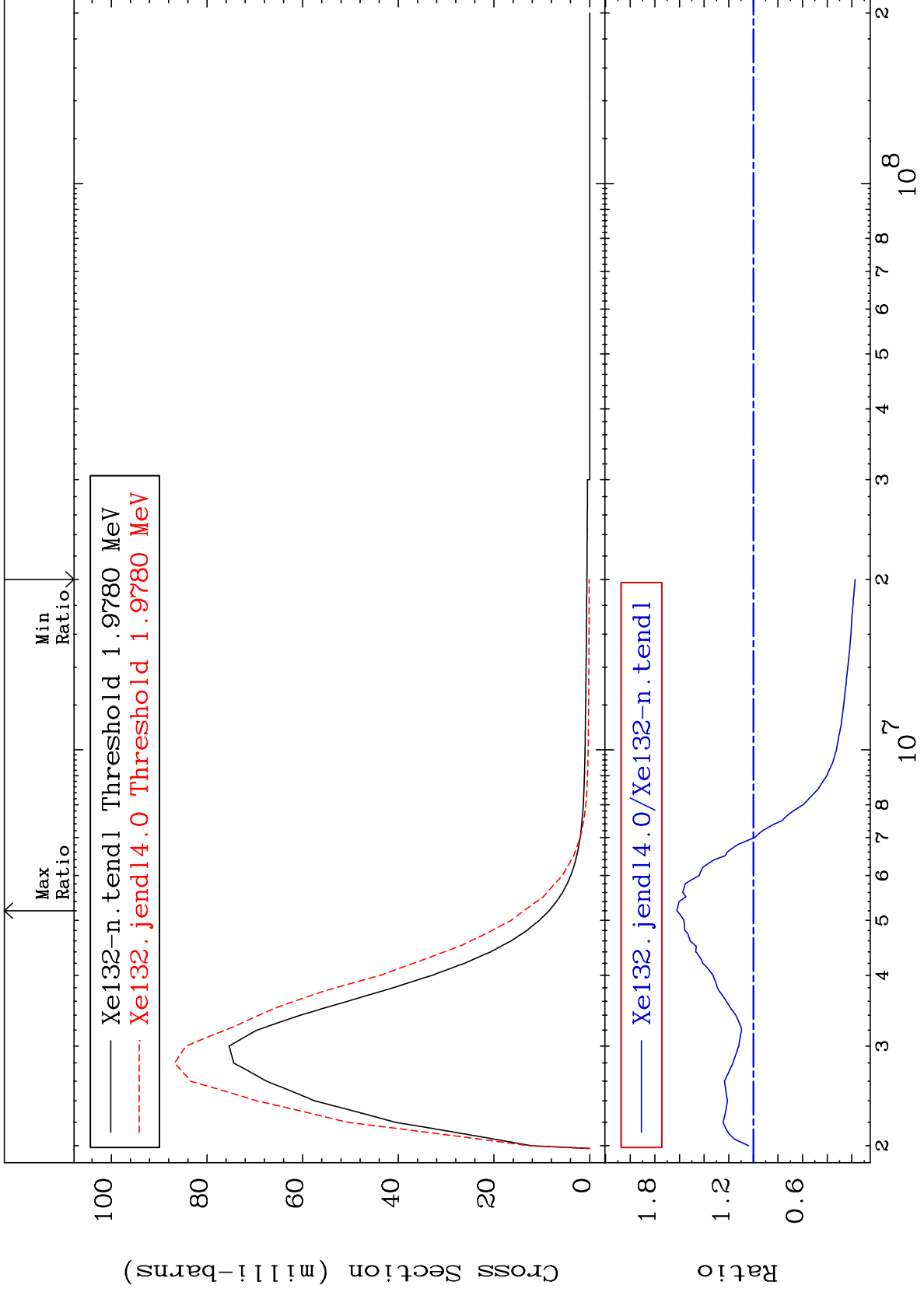
Incident Energy (eV)

54-Xe-132

MAT 5449

1.963 MeV (n,n') Level
Cross Section

54-Xe-132
-82.65 To 62.07 %



14

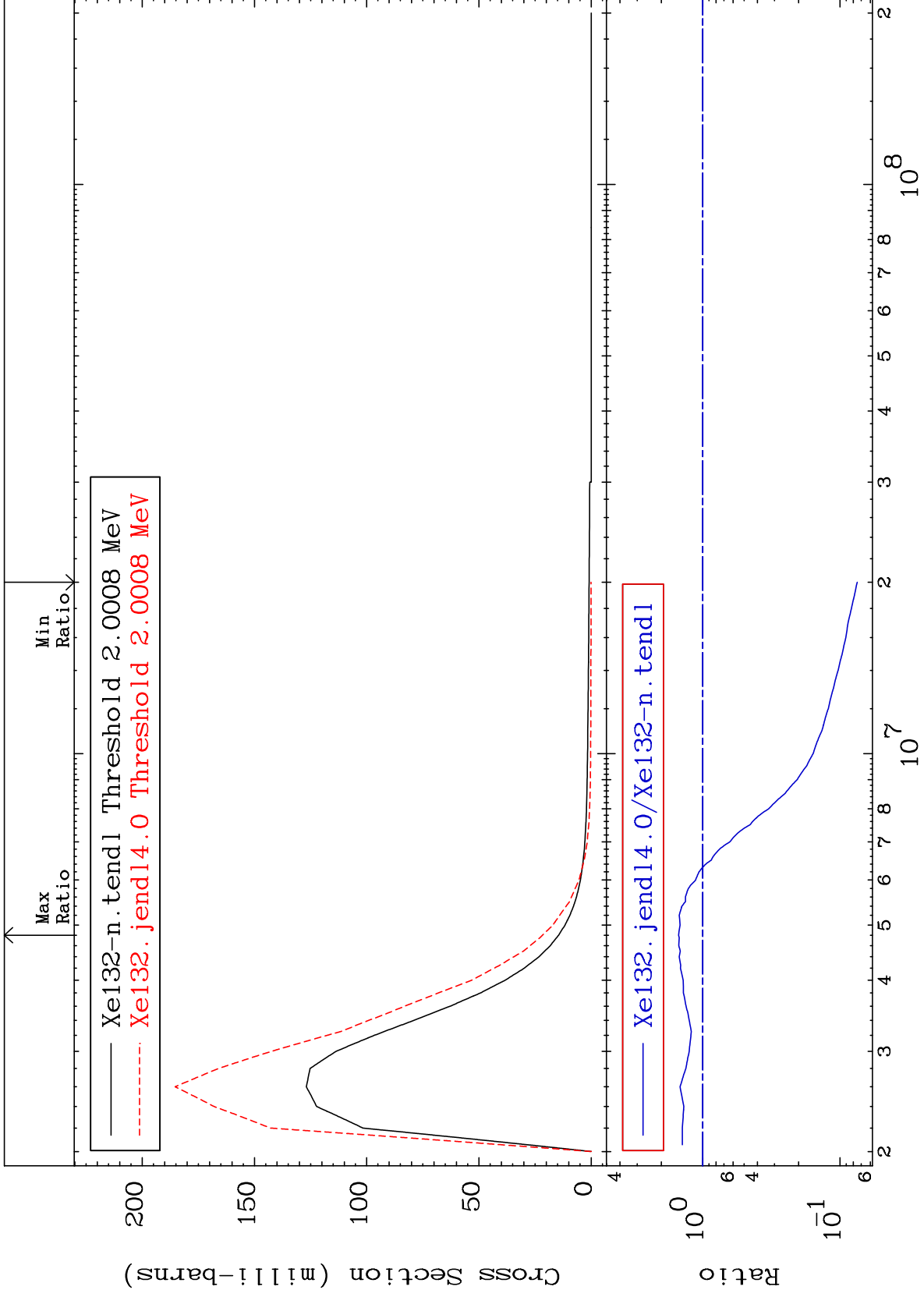
Incident Energy (eV)

54-Xe-132

MAT 5449

1.986 MeV (n,n') Level
Cross Section

54-Xe-132
-92.51 To 49.63 %



15

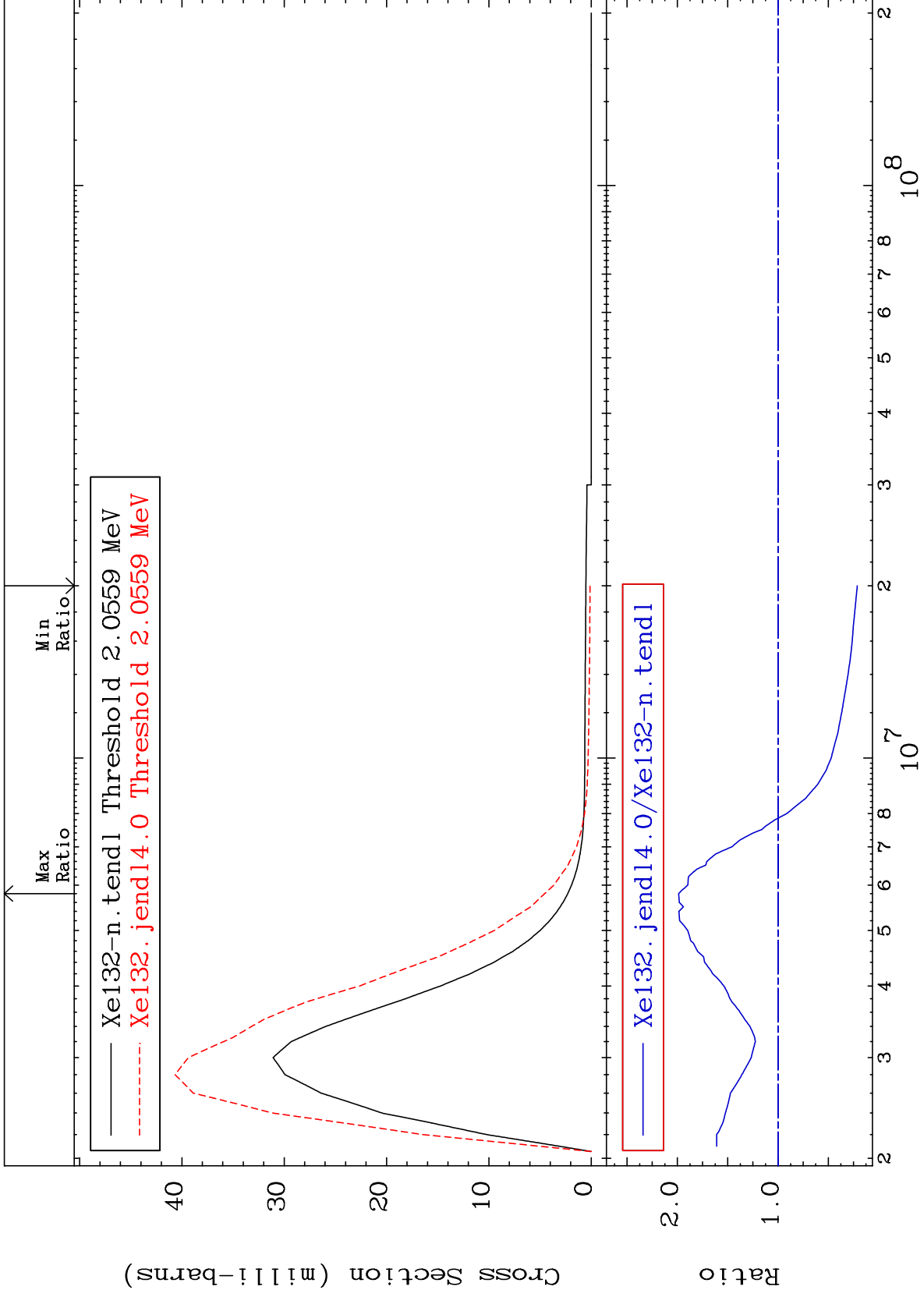
Incident Energy (eV)

54-Xe-132

MAT 5449

2.040 MeV (n,n') Level
Cross Section

54-Xe-132
-78.74 To 98.79 %



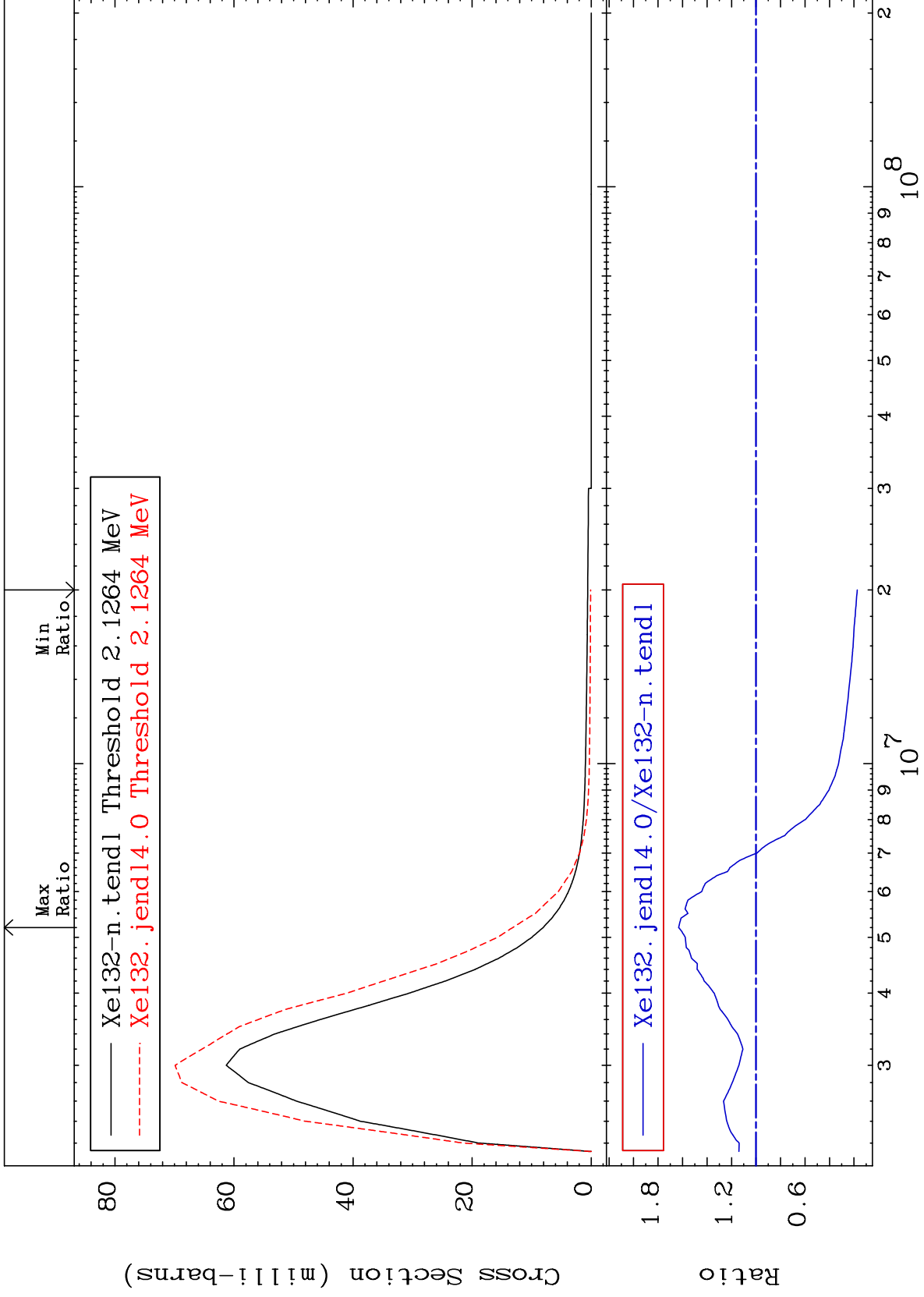
16

54-Xe-132

MAT 5449

2.110 MeV (n,n') Level
Cross Section

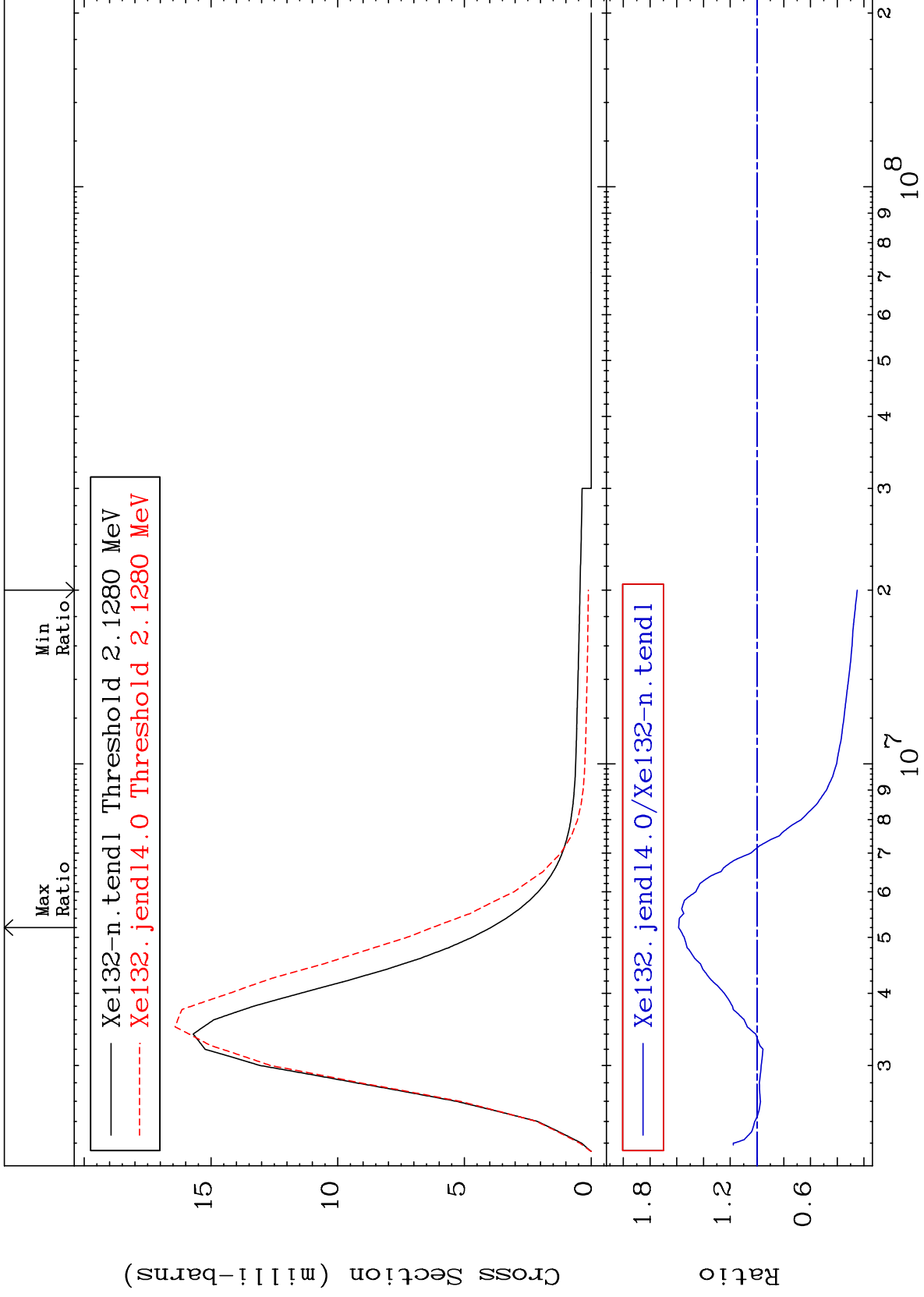
54-Xe-132
-82.66 To 63.19 %



MAT 5449

2.112 MeV (n,n') Level
Cross Section

54-Xe-132
-75.00 To 58.62 %



18

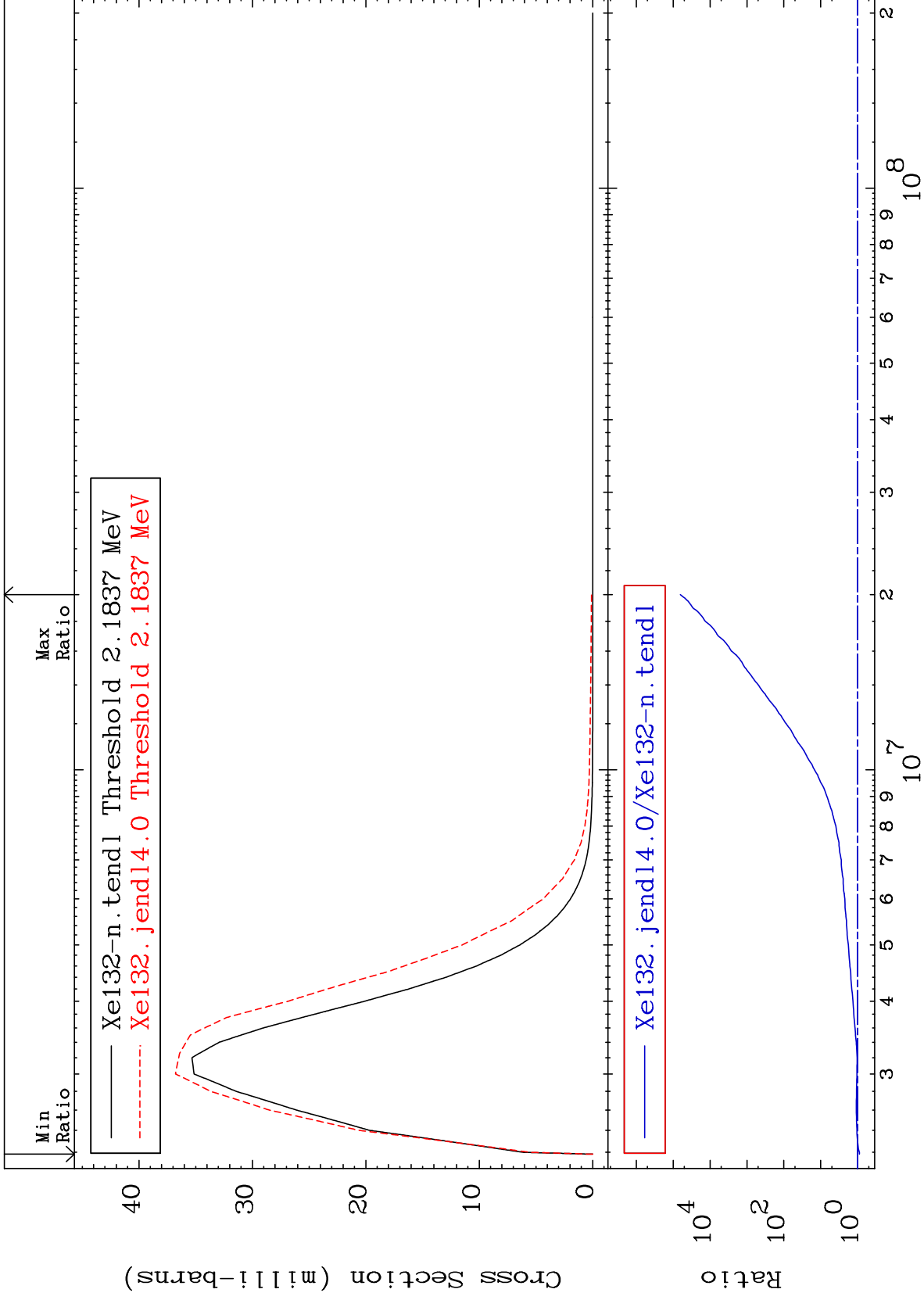
Incident Energy (eV)

54-Xe-132

MAT 5449

2.167 MeV (n,n') Level
Cross Section

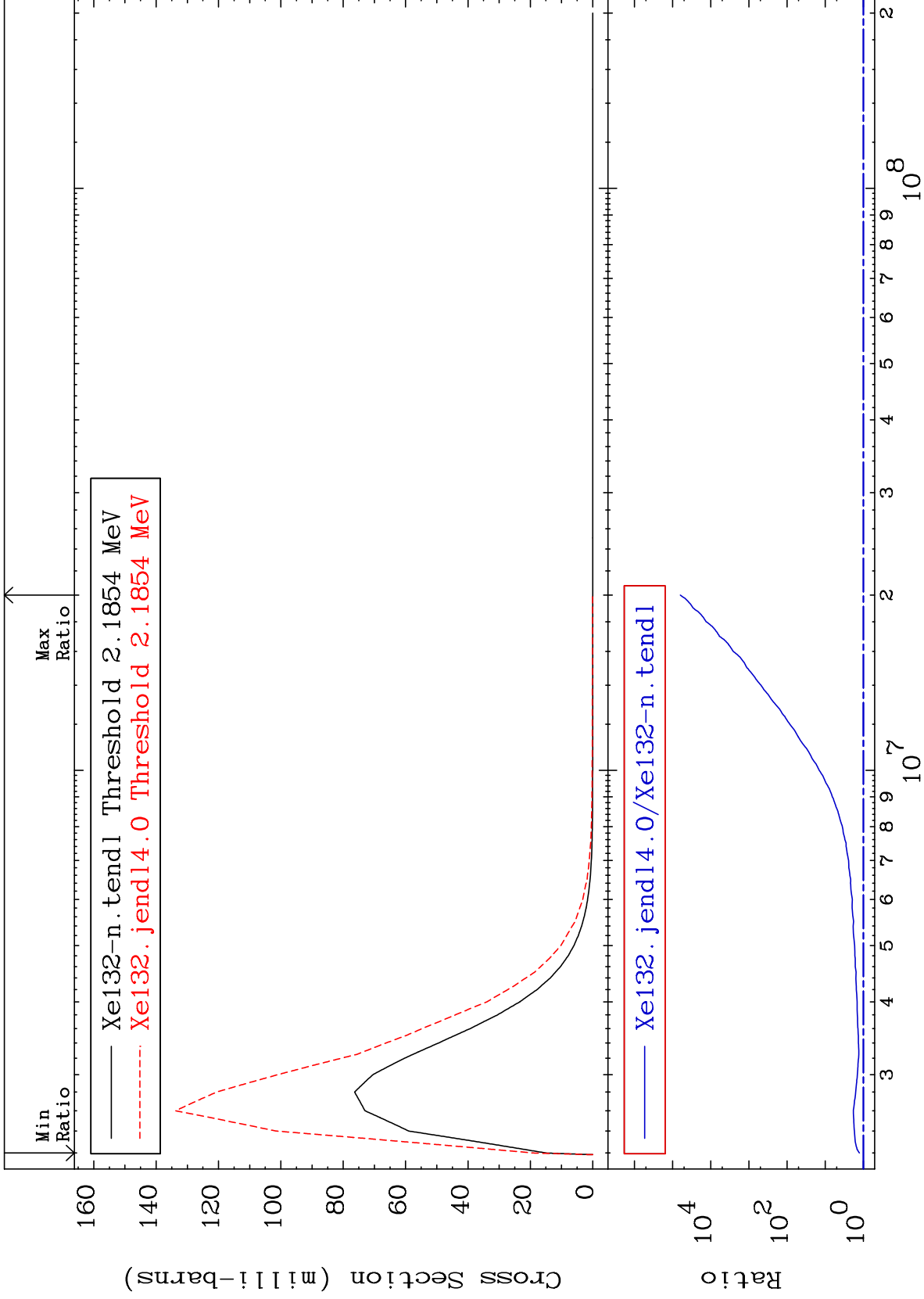
54-Xe-132
-10.57 To 9999. %



MAT 5449

2.169 MeV (n,n') Level
Cross Section

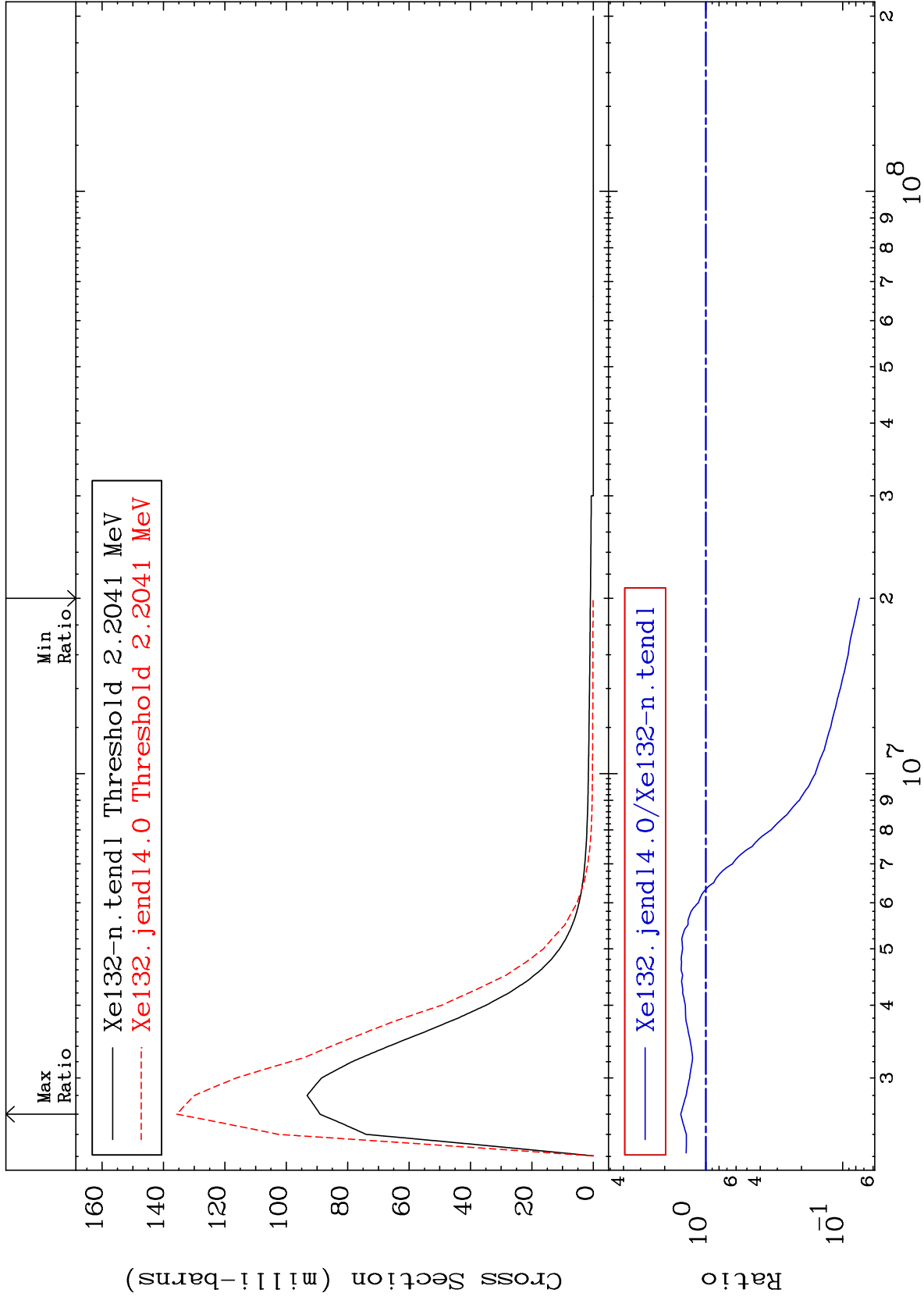
54-Xe-132
26.63 To 9999. %



MAT 5449

2.187 MeV (n,n') Level
Cross Section

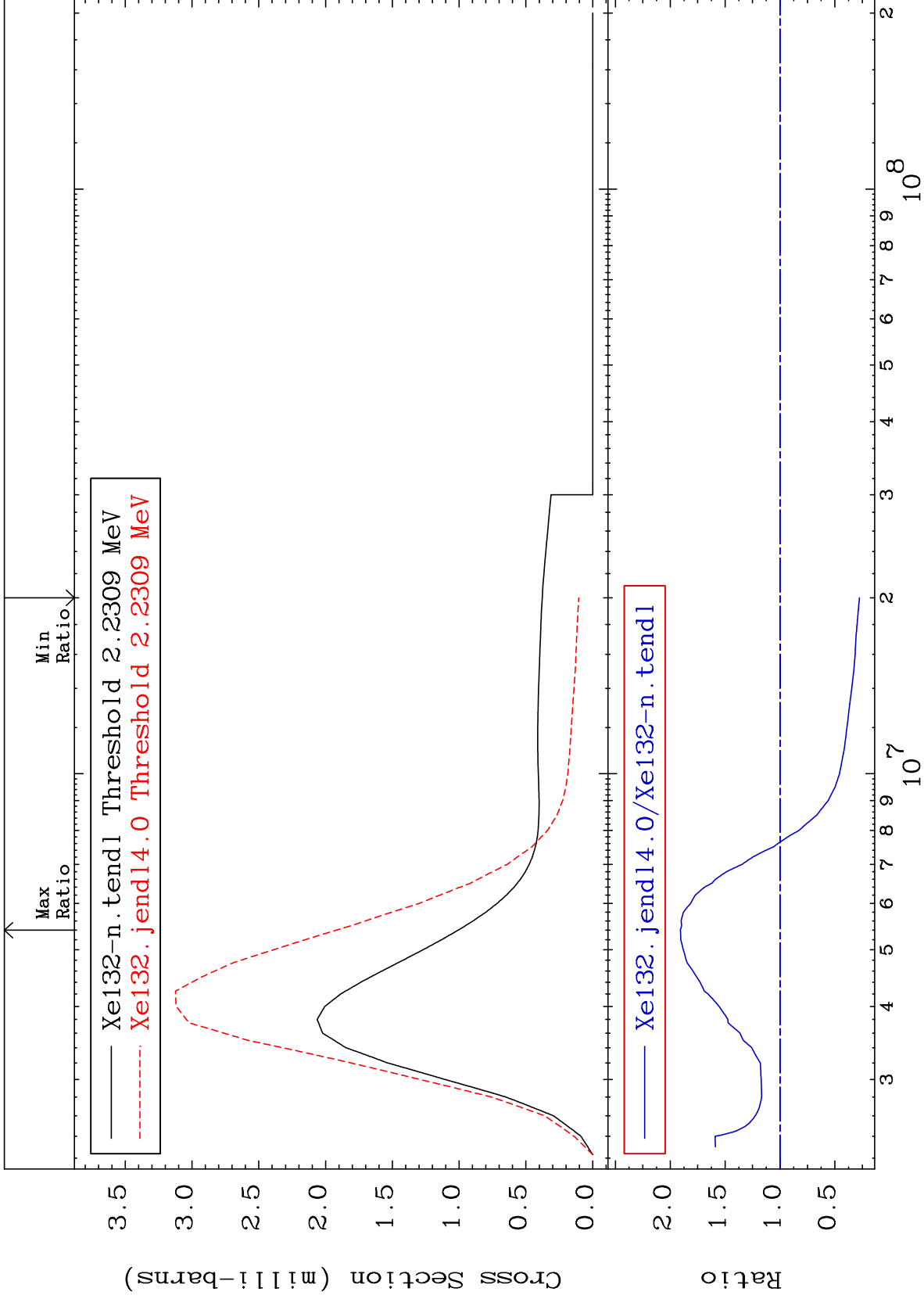
54-Xe-132
-92.48 To 52.42 %



MAT 5449

2.214 MeV (n,n') Level
Cross Section

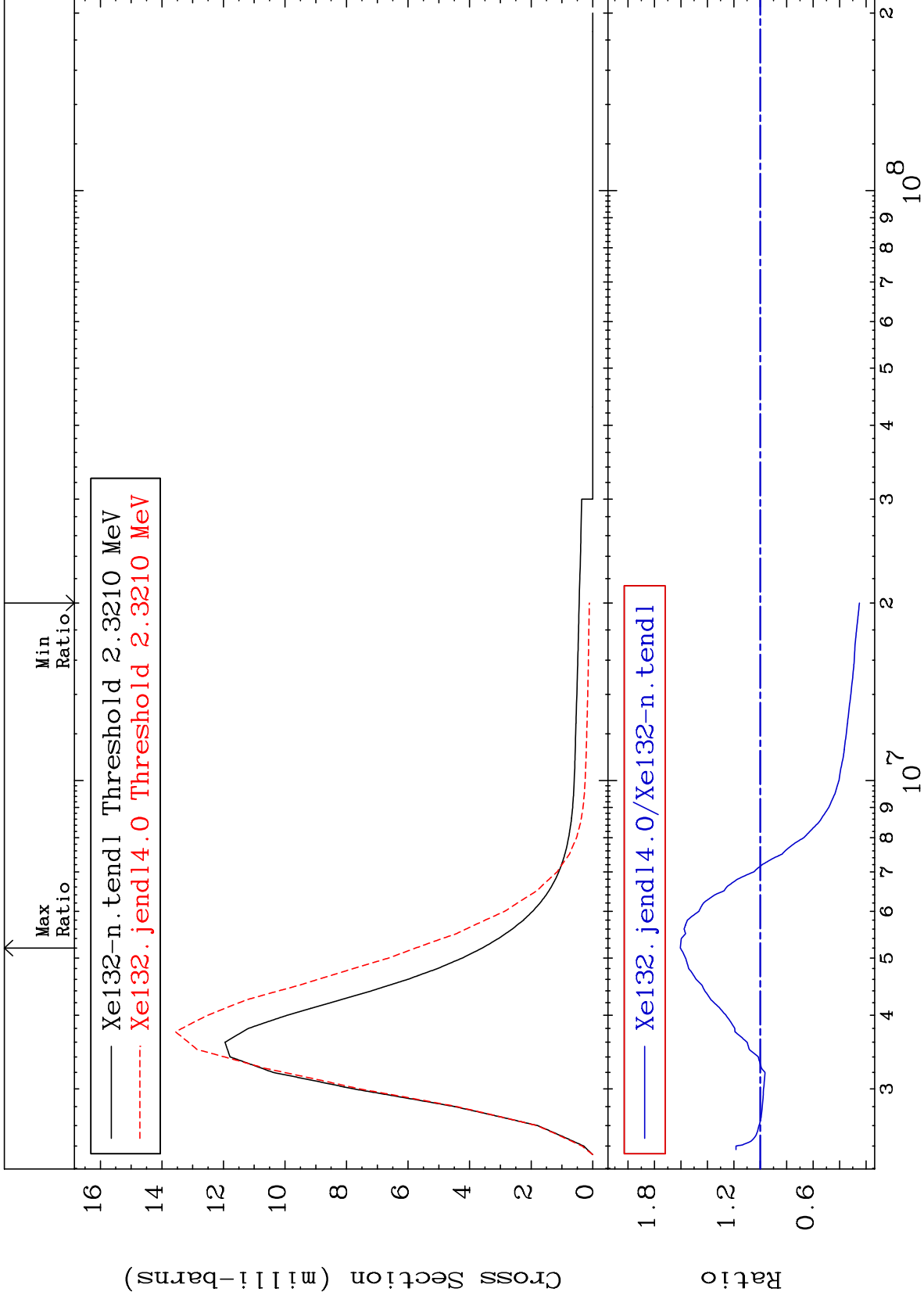
54-Xe-132
-72.40 To 90.79 %



MAT 5449

2.303 MeV (n,n') Level
Cross Section

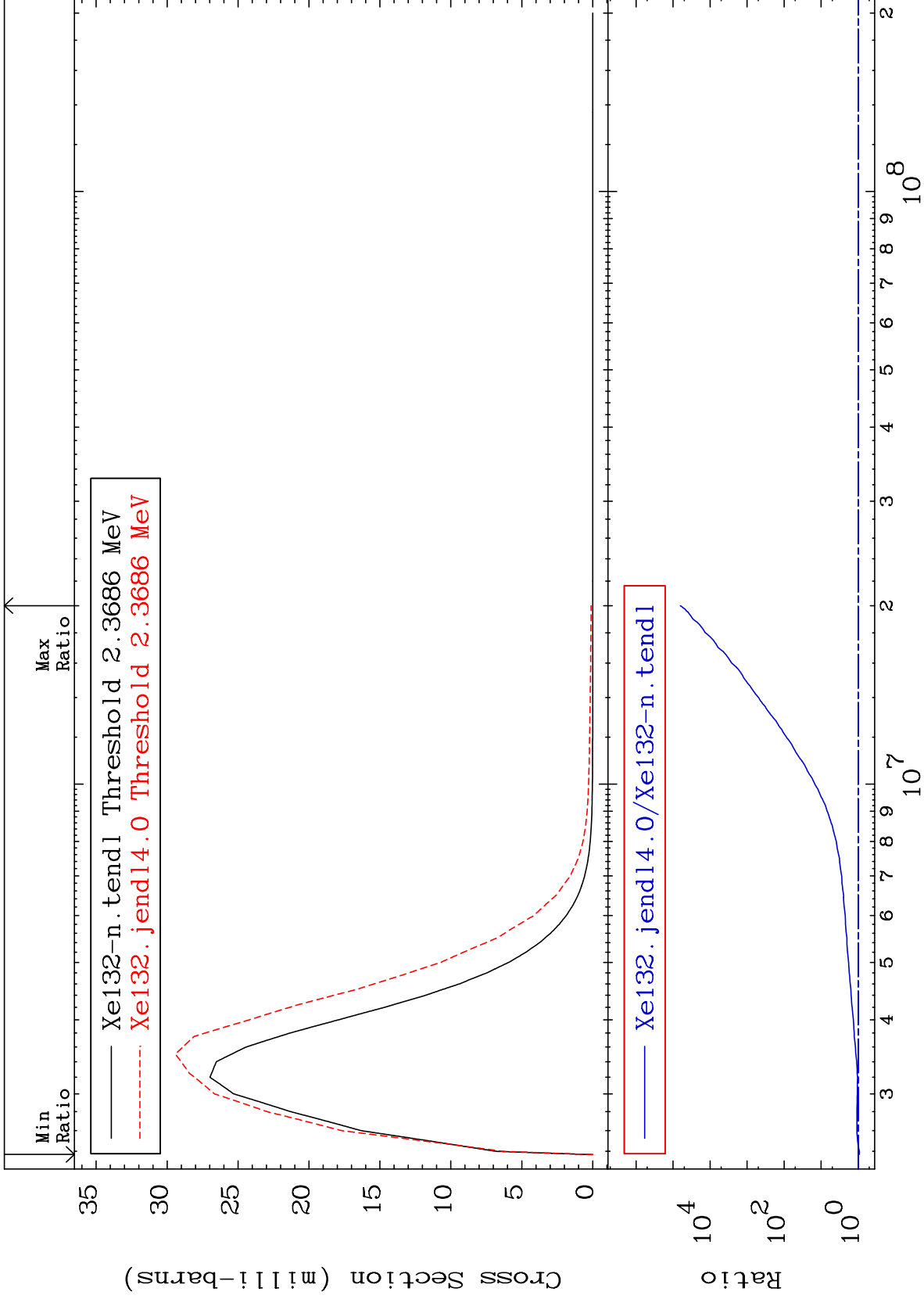
54-Xe-132
-75.00 To 60.43 %

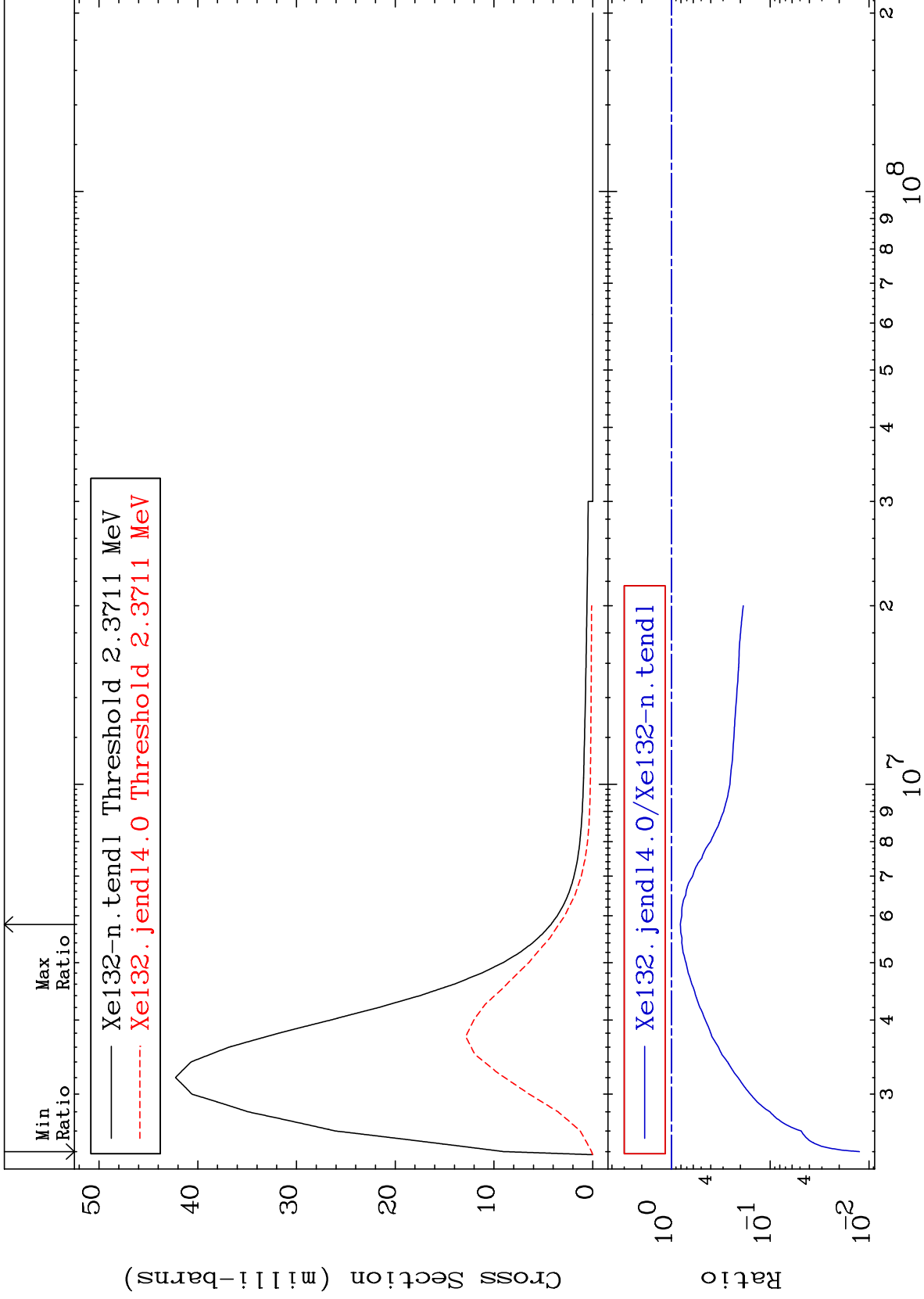


MAT 5449

2.351 MeV (n,n') Level
Cross Section

54-Xe-132
-7.839 To 9999. %

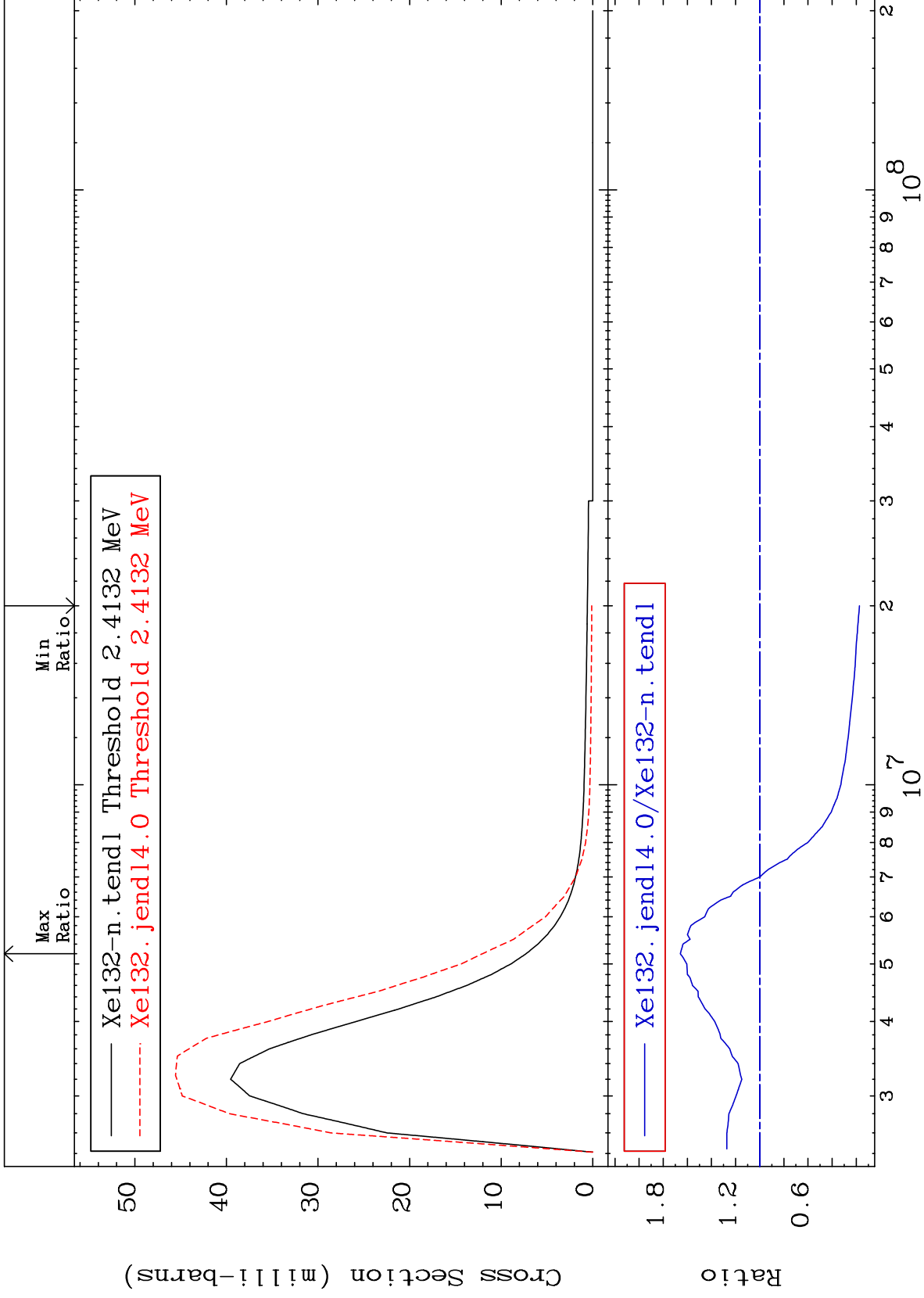




MAT 5449

2.395 MeV (n,n') Level
Cross Section

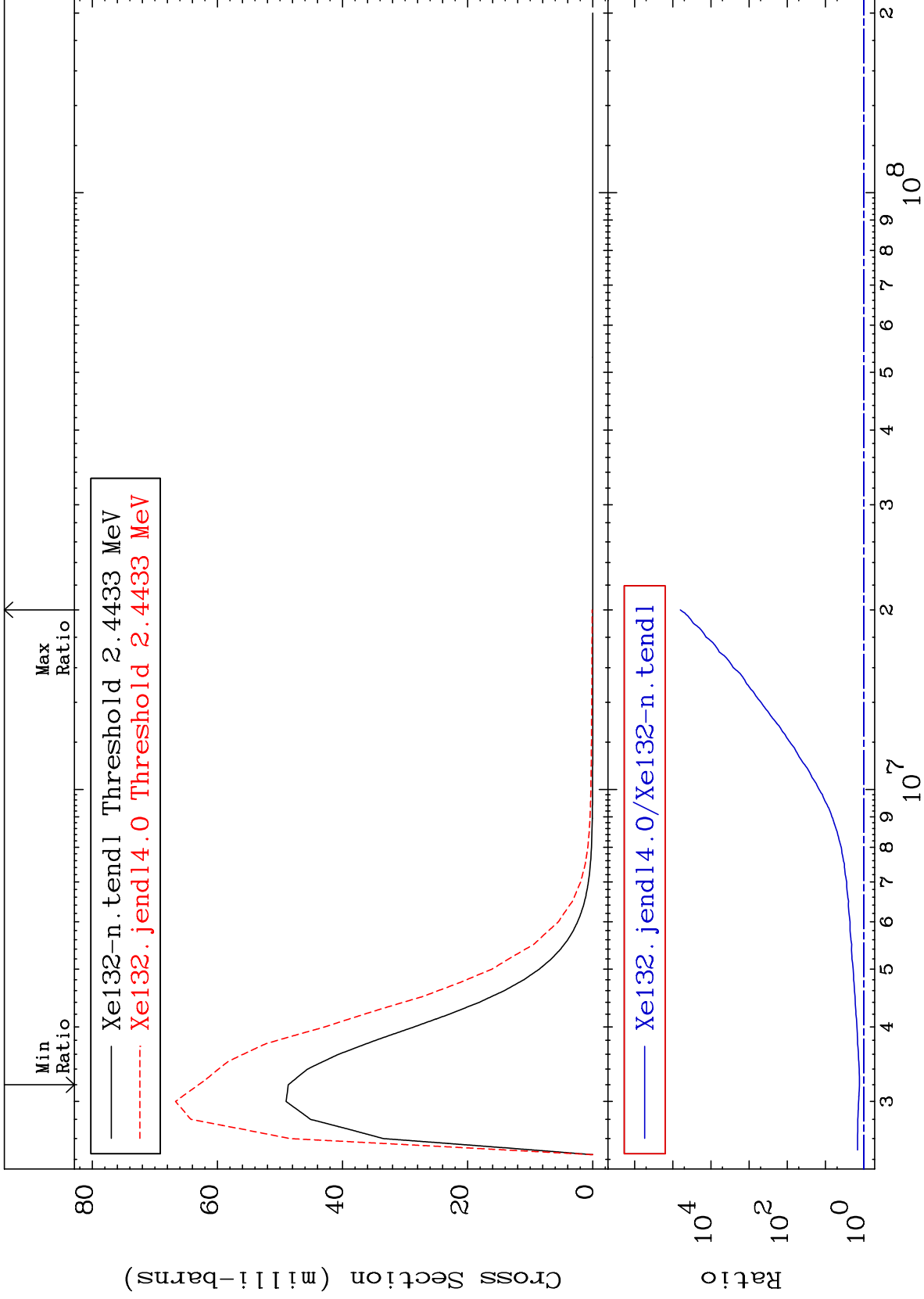
54-Xe-132
-82.65 To 65.80 %

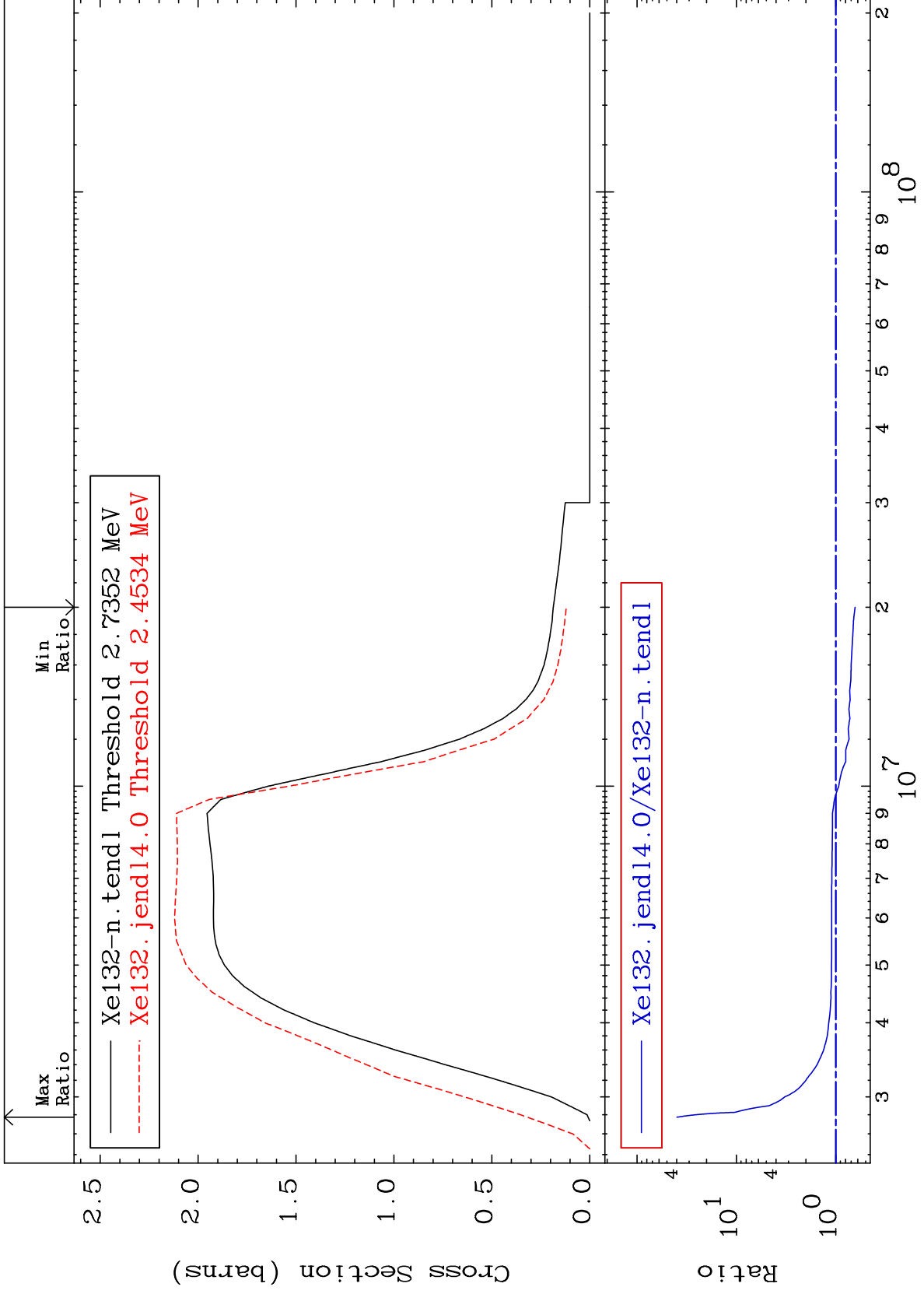


MAT 5449

2.425 MeV (n,n') Level
Cross Section

54-Xe-132
29.50 To 9999. %

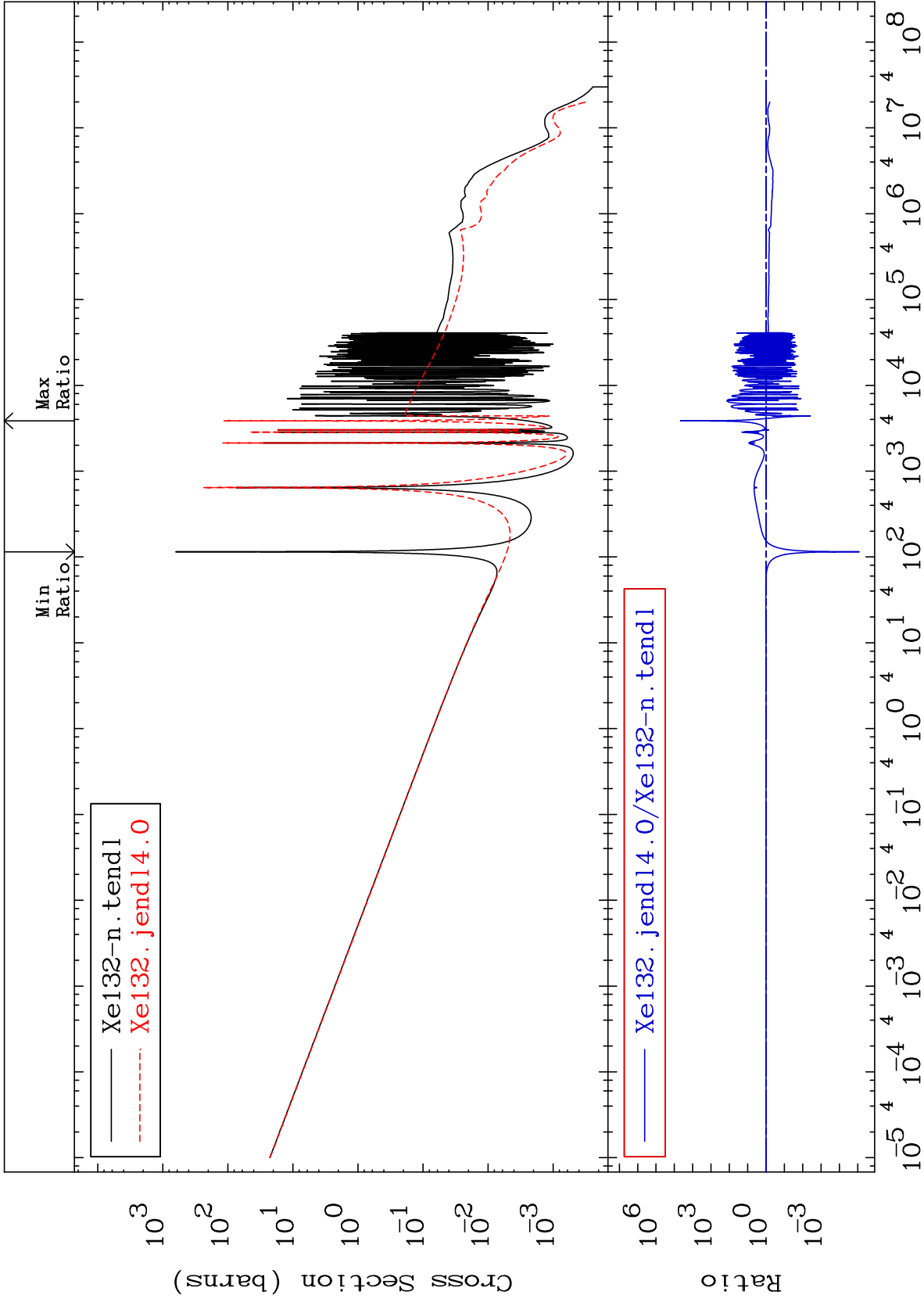




MAT 5449

(n, γ)
Cross Section

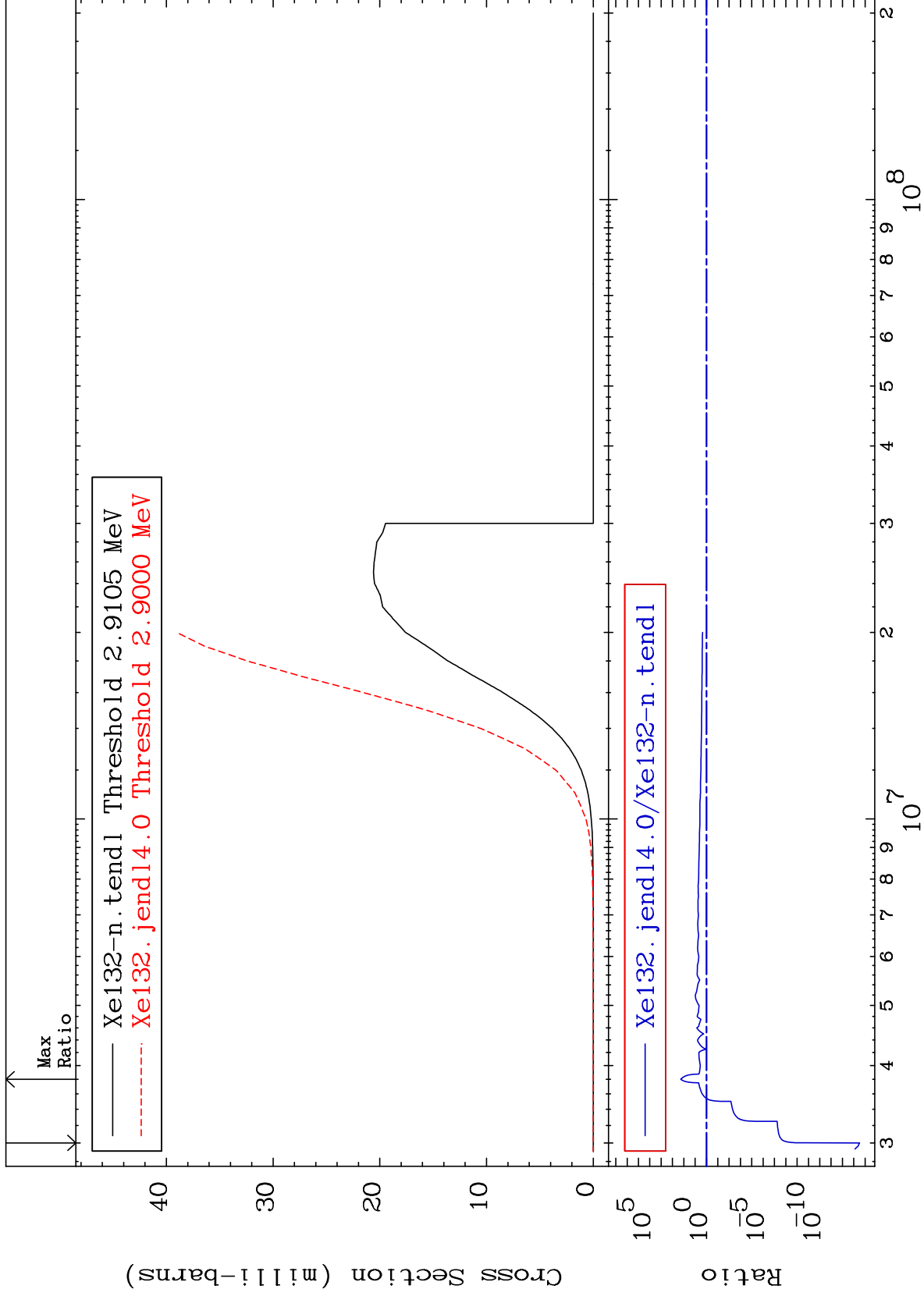
54-Xe-132
-100.0 To 9999. %



MAT 5449

(n,p)
Cross Section

54-Xe-132
-100.0 To 9999. %



30

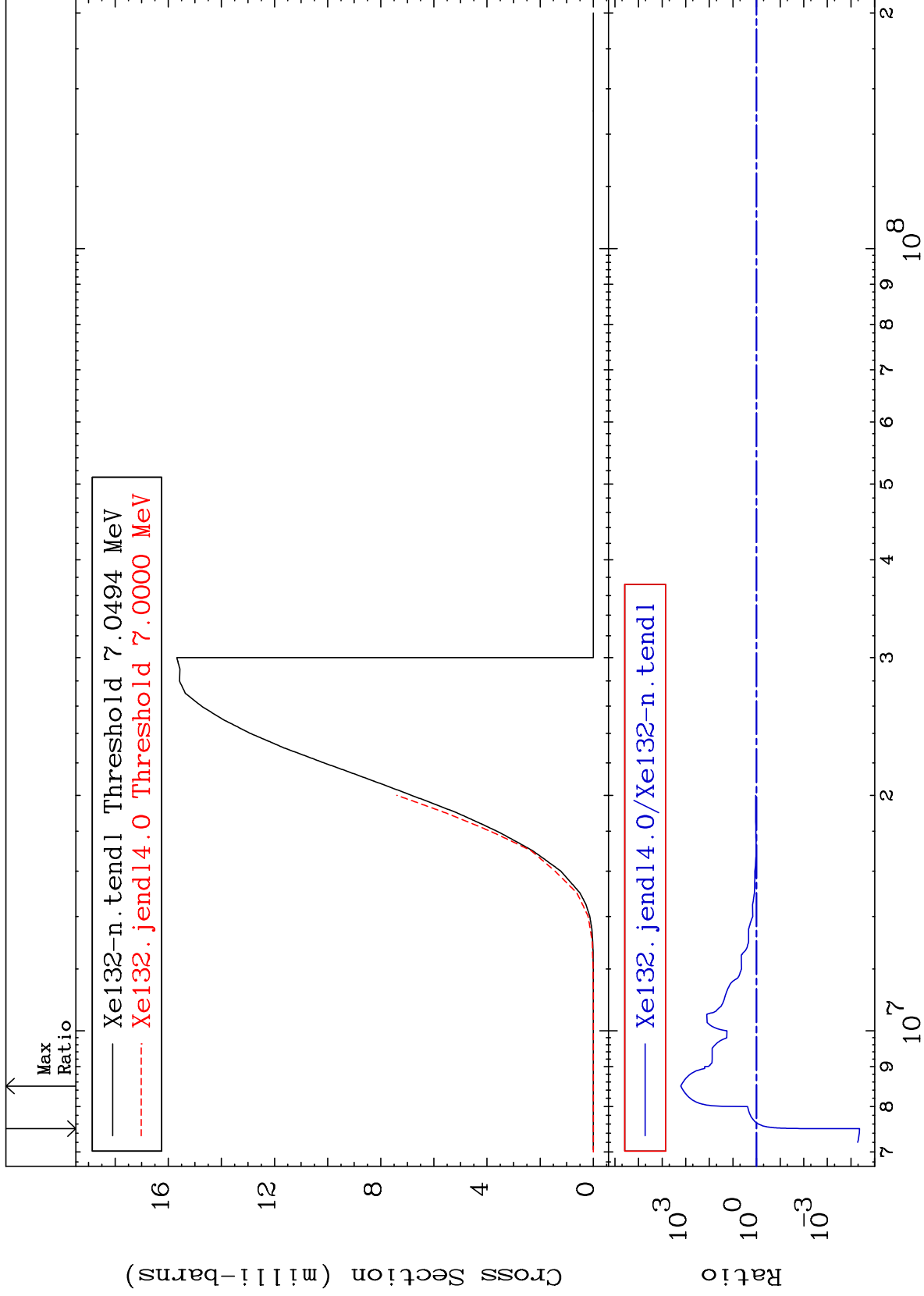
Incident Energy (eV)

54-Xe-132

MAT 5449

(n, d)
Cross Section

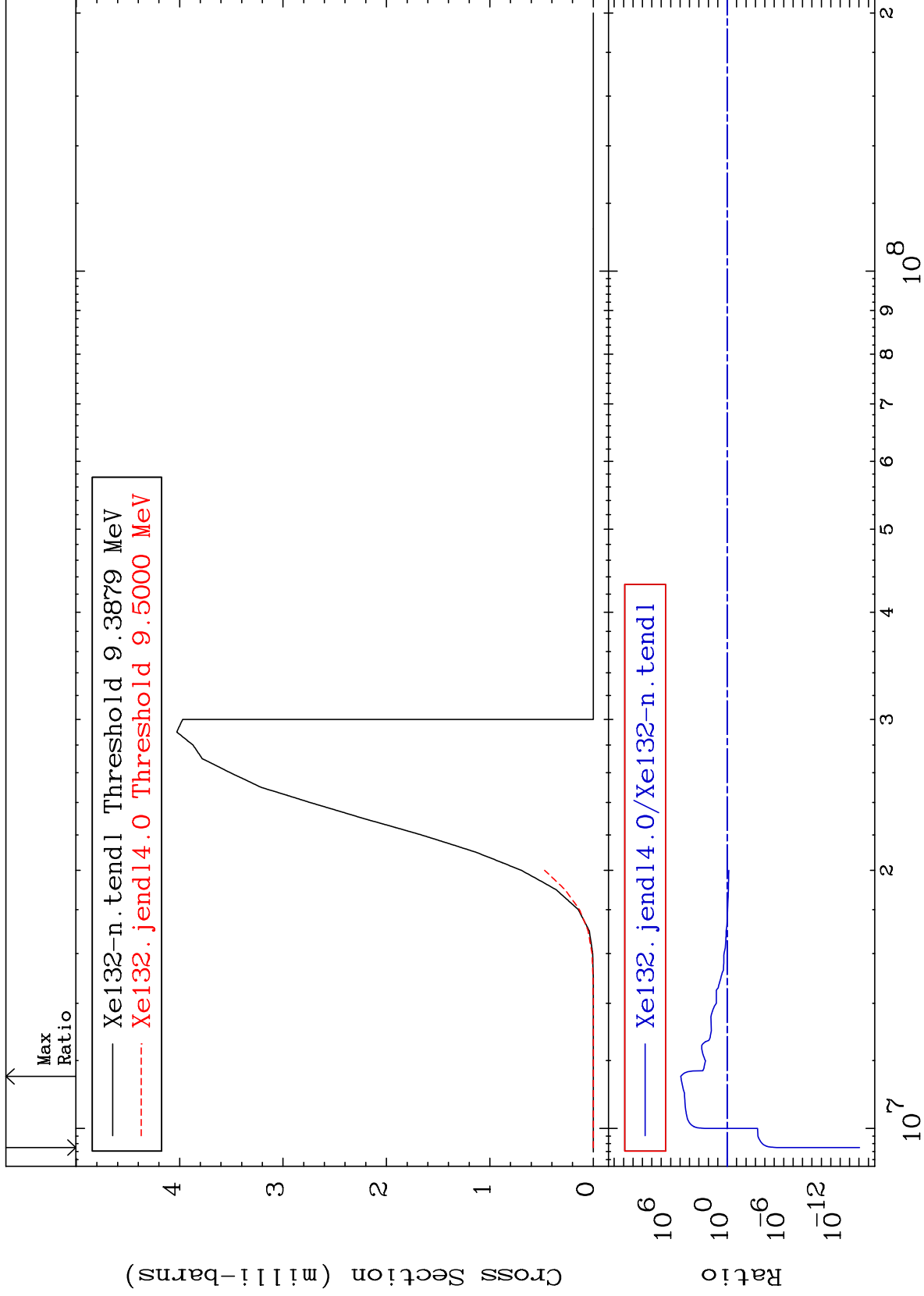
54-Xe-132
-100.0 To 9999. %



MAT 5449

(n, t)
Cross Section

54-Xe-132
-100.0 To 9999. %



32

Incident Energy (eV)

54-Xe-132

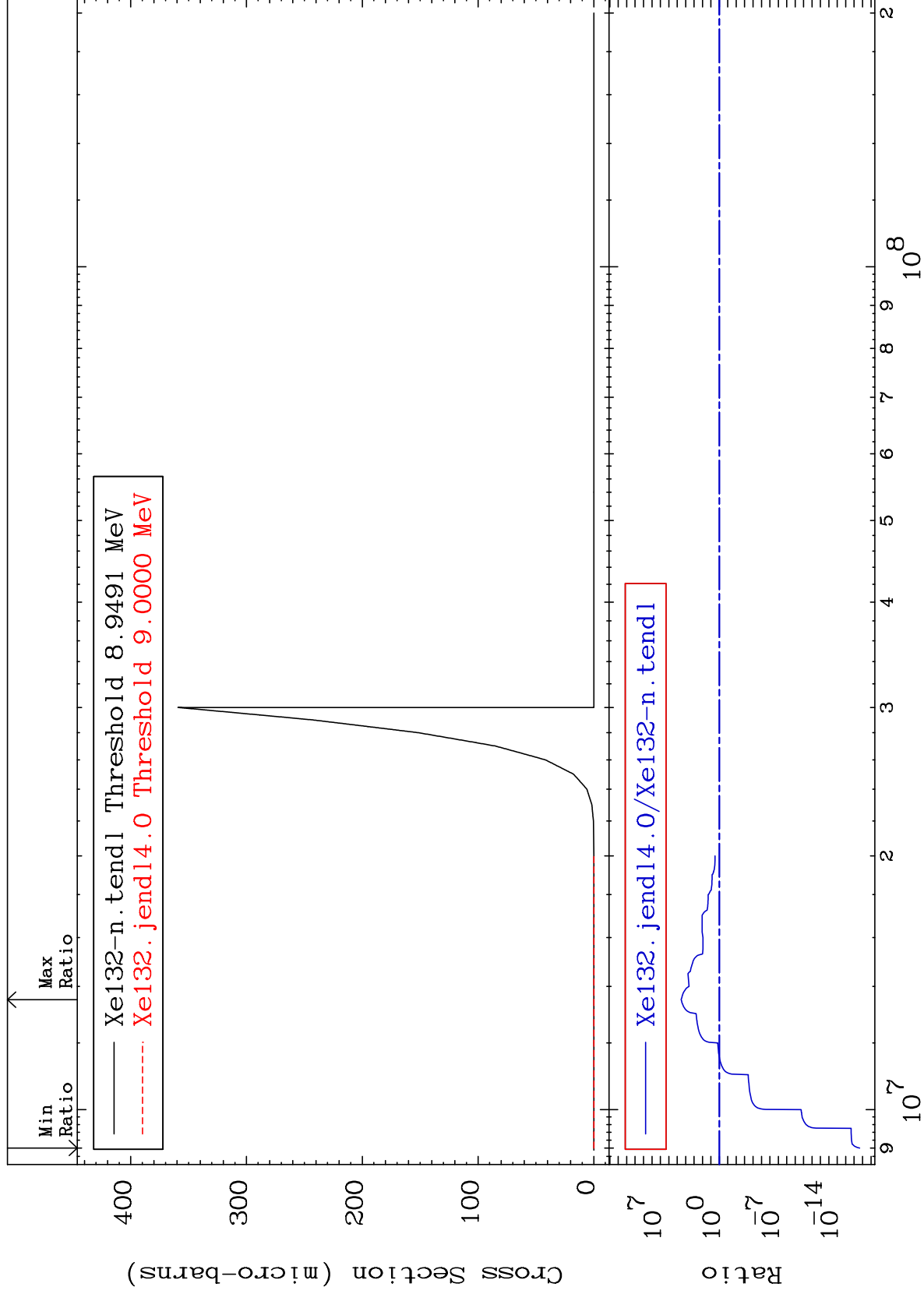
MAT 5449

(n, He-3)

54-Xe-132

Cross Section

-100.0 To 9999. %



33

Incident Energy (eV)

54-Xe-132

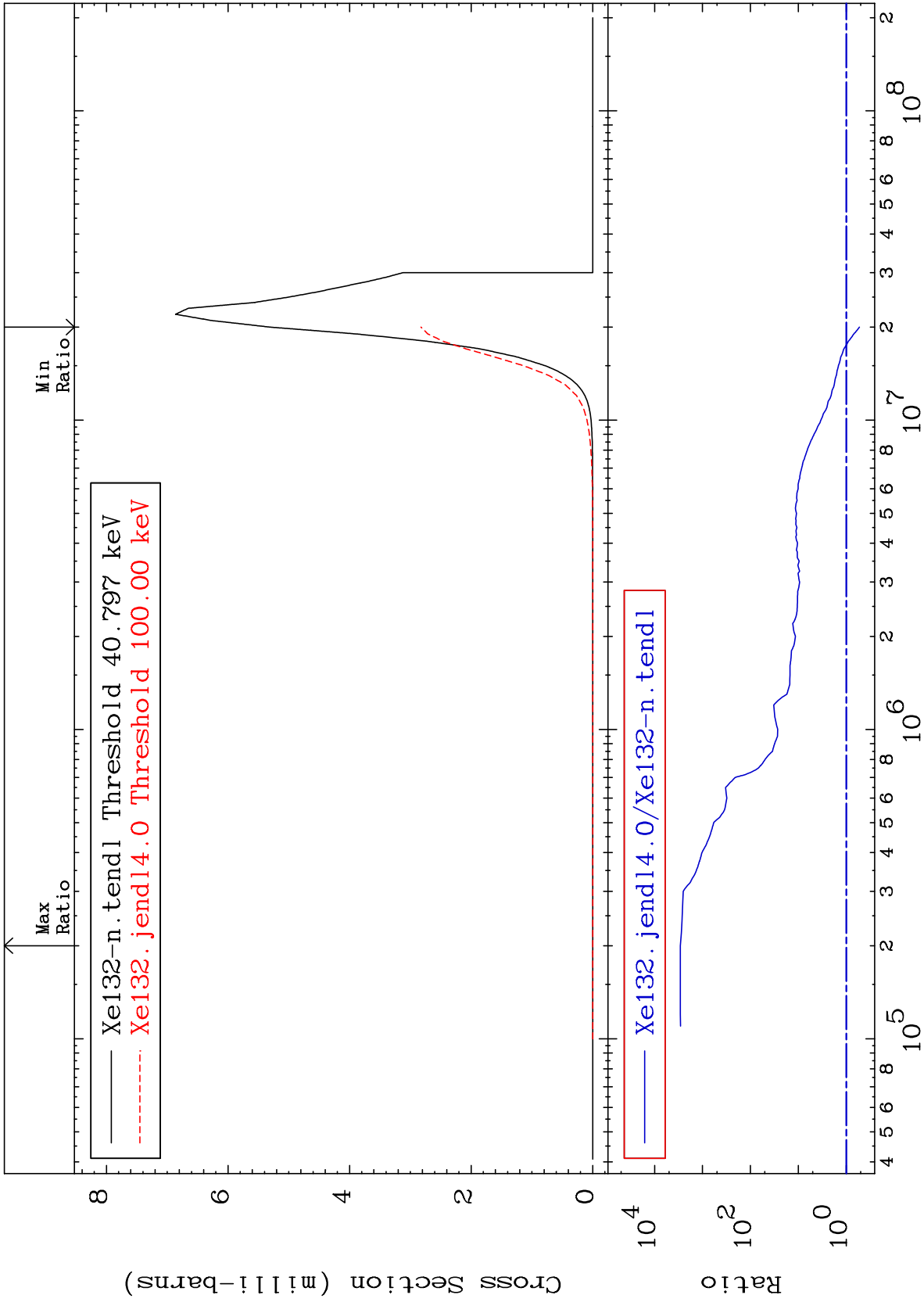
MAT 5449

(n, α)

54-Xe-132

Cross Section

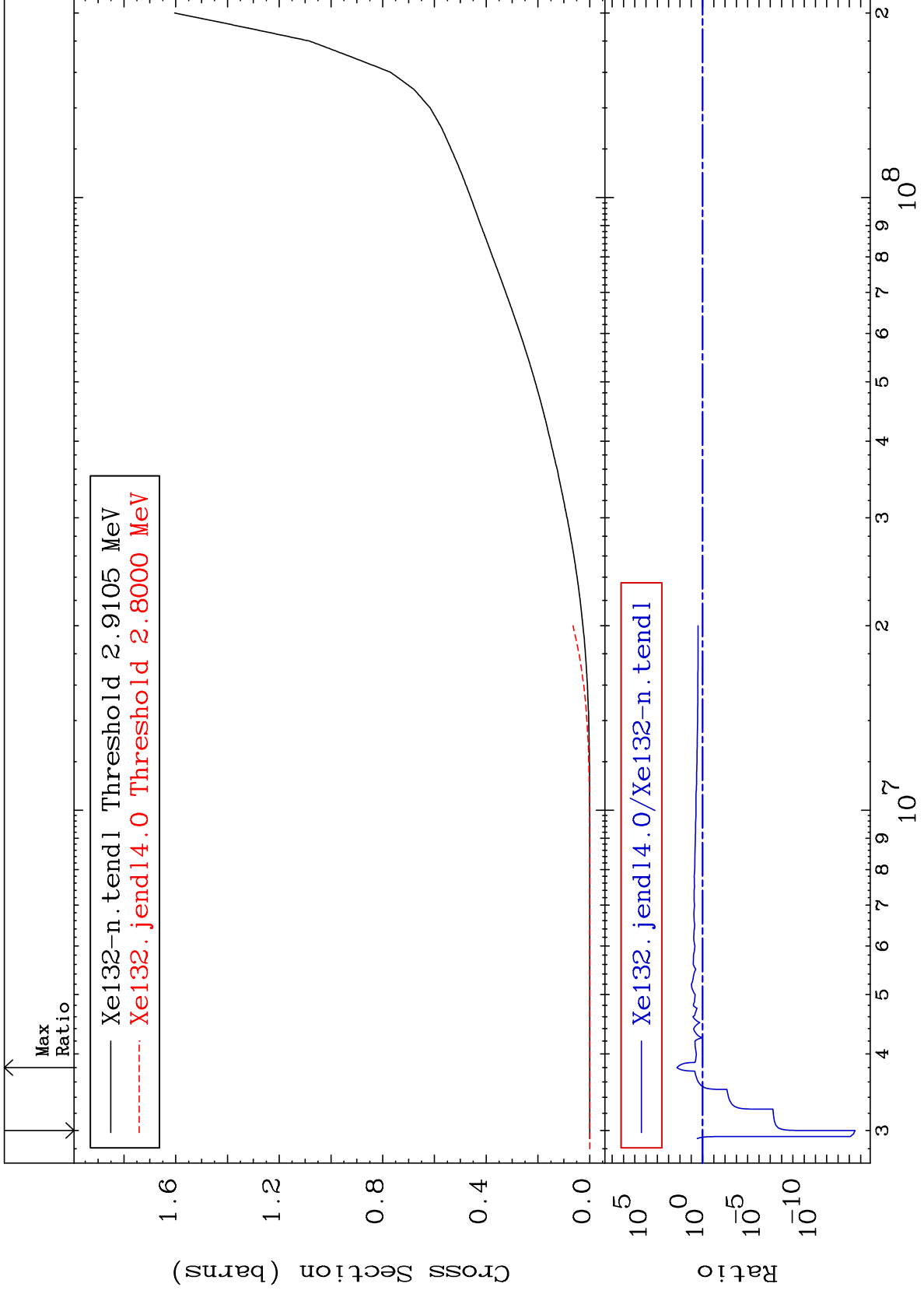
-46.82 To 9999. %



MAT 5449

Hydrogen Production
Cross Section

54-Xe-132
-100.0 To 9999. %



35

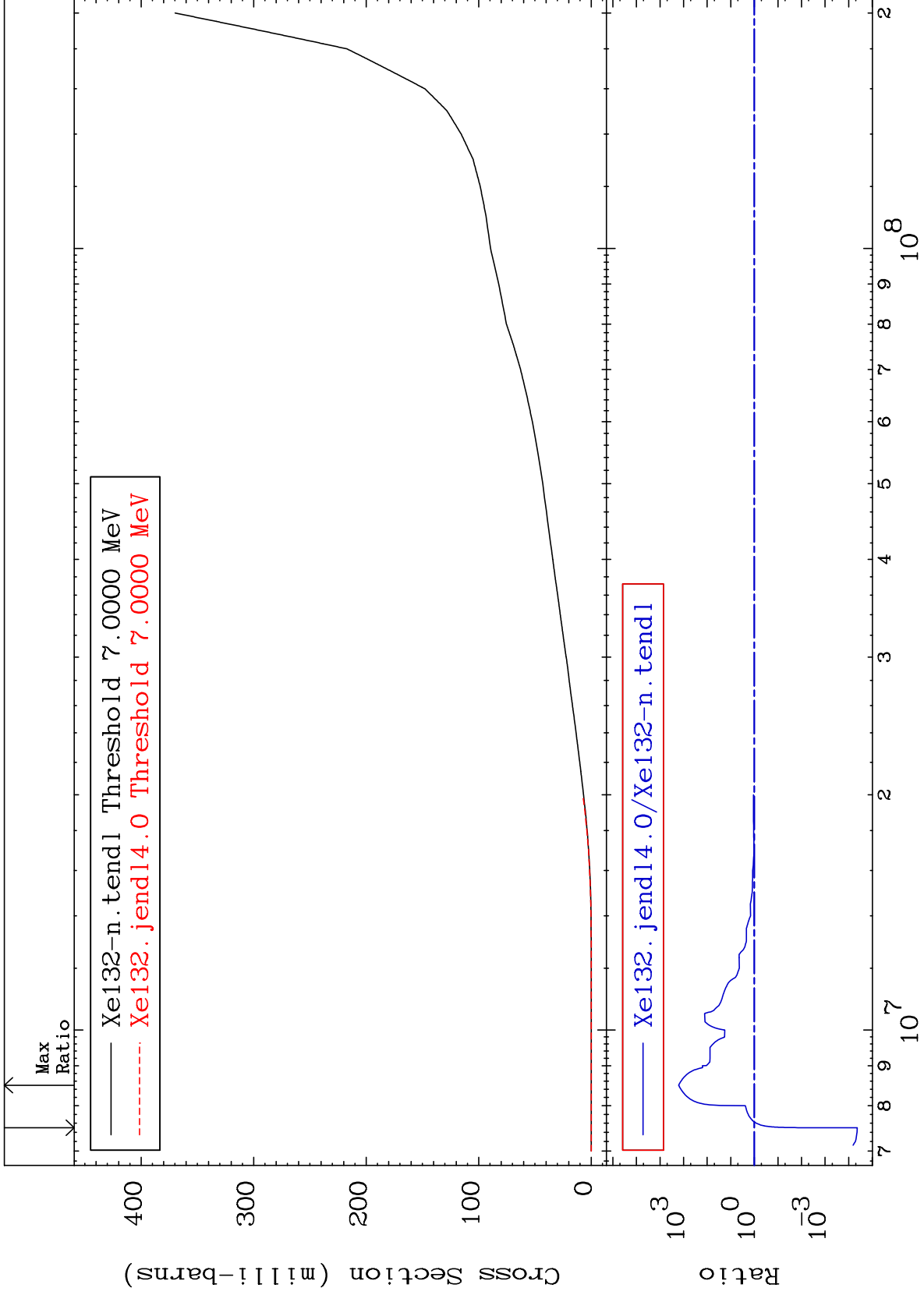
Incident Energy (eV)

54-Xe-132

MAT 5449

Deuterium Production
Cross Section

54-Xe-132
-100.0 To 9999. %



36

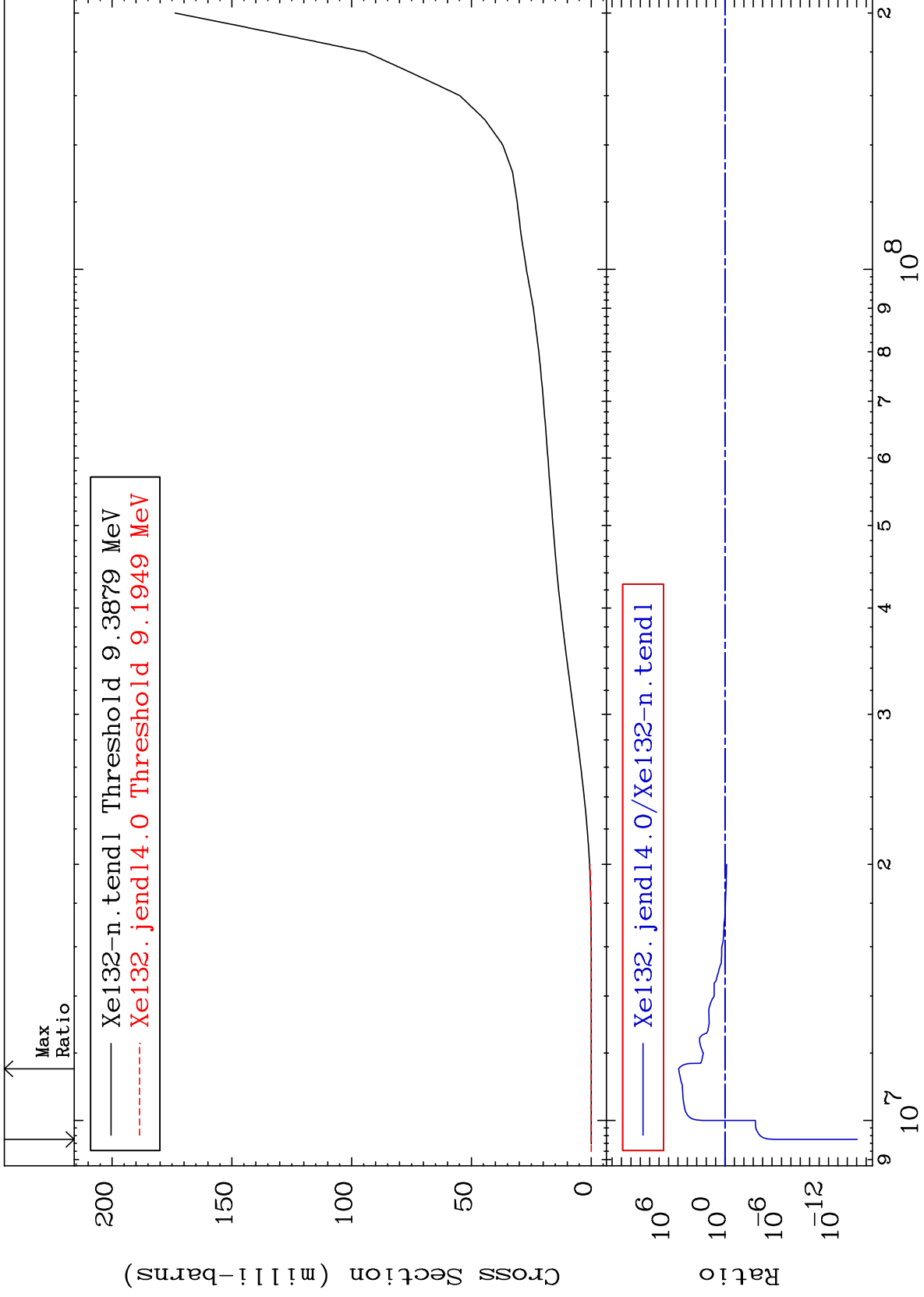
Incident Energy (eV)

54-Xe-132

MAT 5449

Tritium Production
Cross Section

54-Xe-132
-100.0 To 9999. %



37

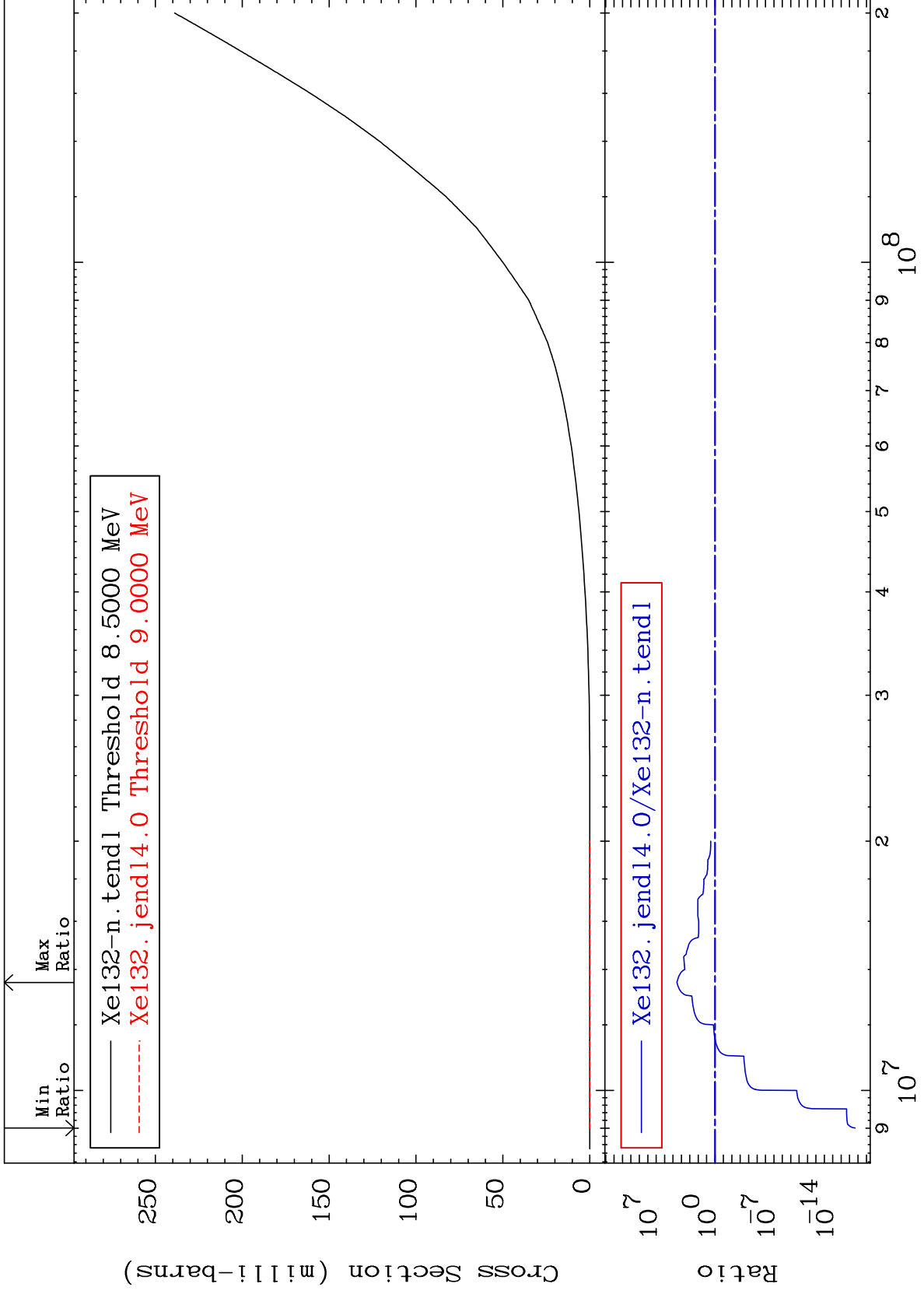
Incident Energy (eV)

54-Xe-132

MAT 5449

He-3 Production
Cross Section

54-Xe-132
-100.0 To 9999. %



38

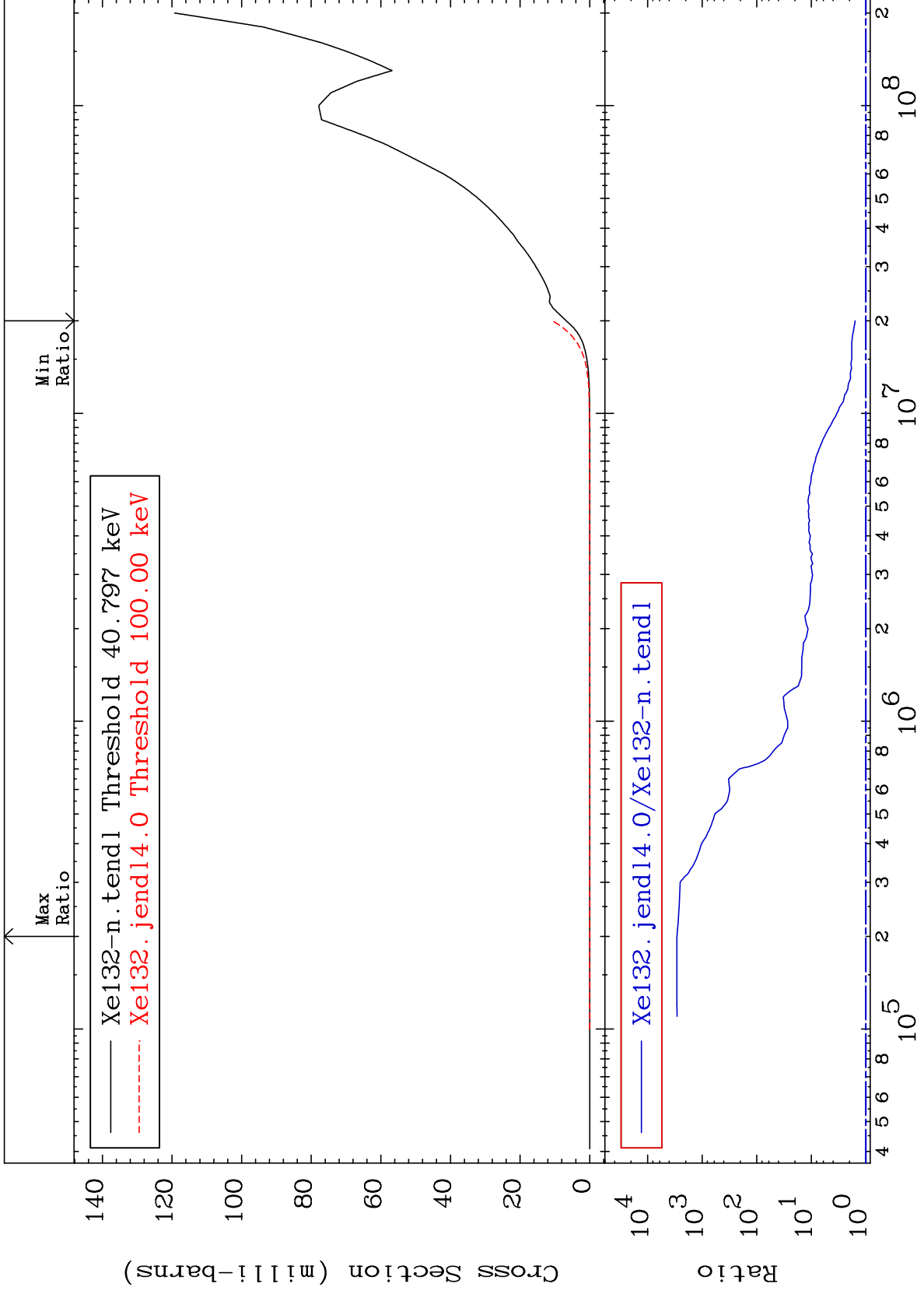
Incident Energy (eV)

54-Xe-132

MAT 5449

He-4 Production
Cross Section

54-Xe-132
57.70 To 9999. %



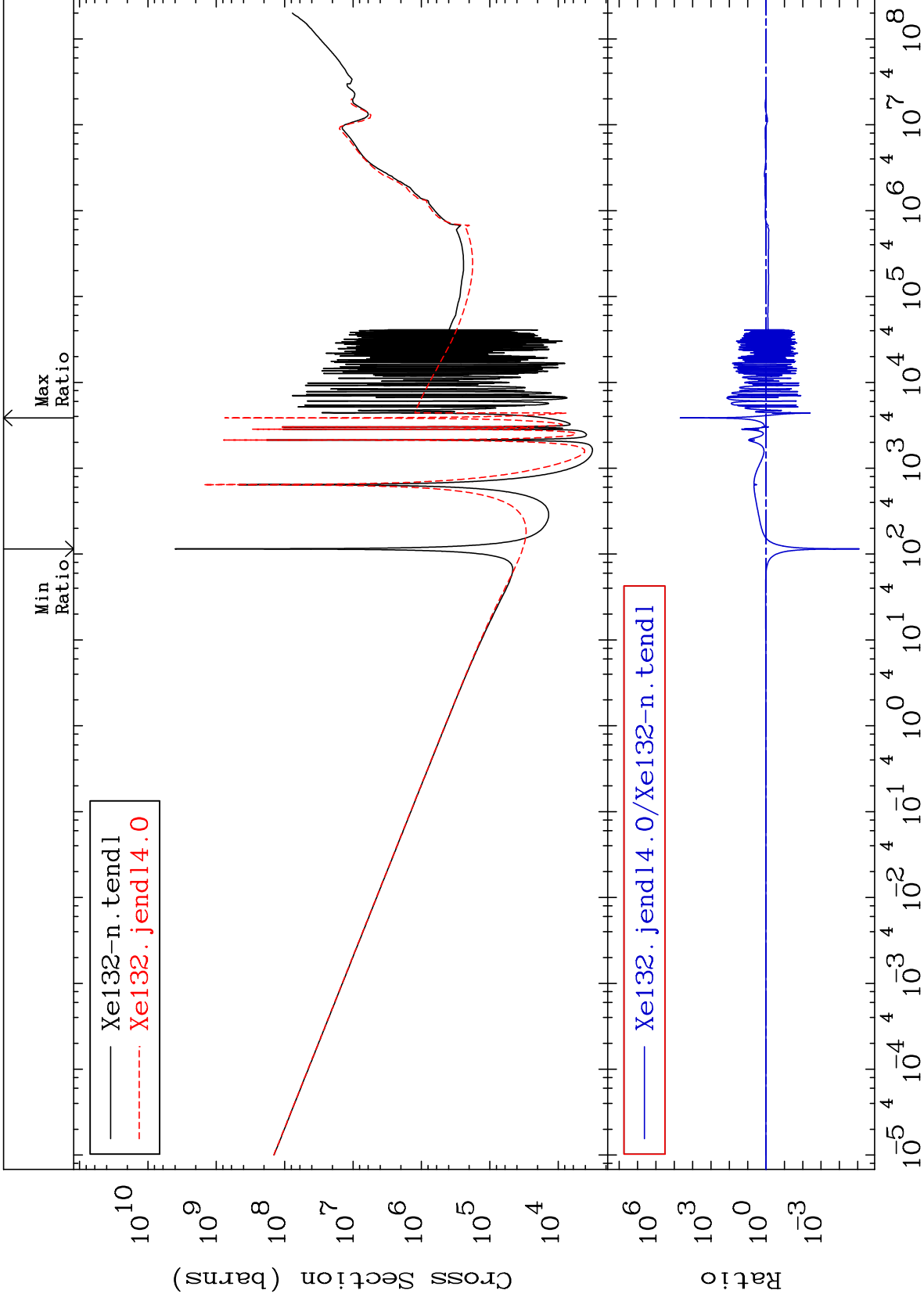
MAT 5449

Kerma total (eV-barns)

54-Xe-132

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

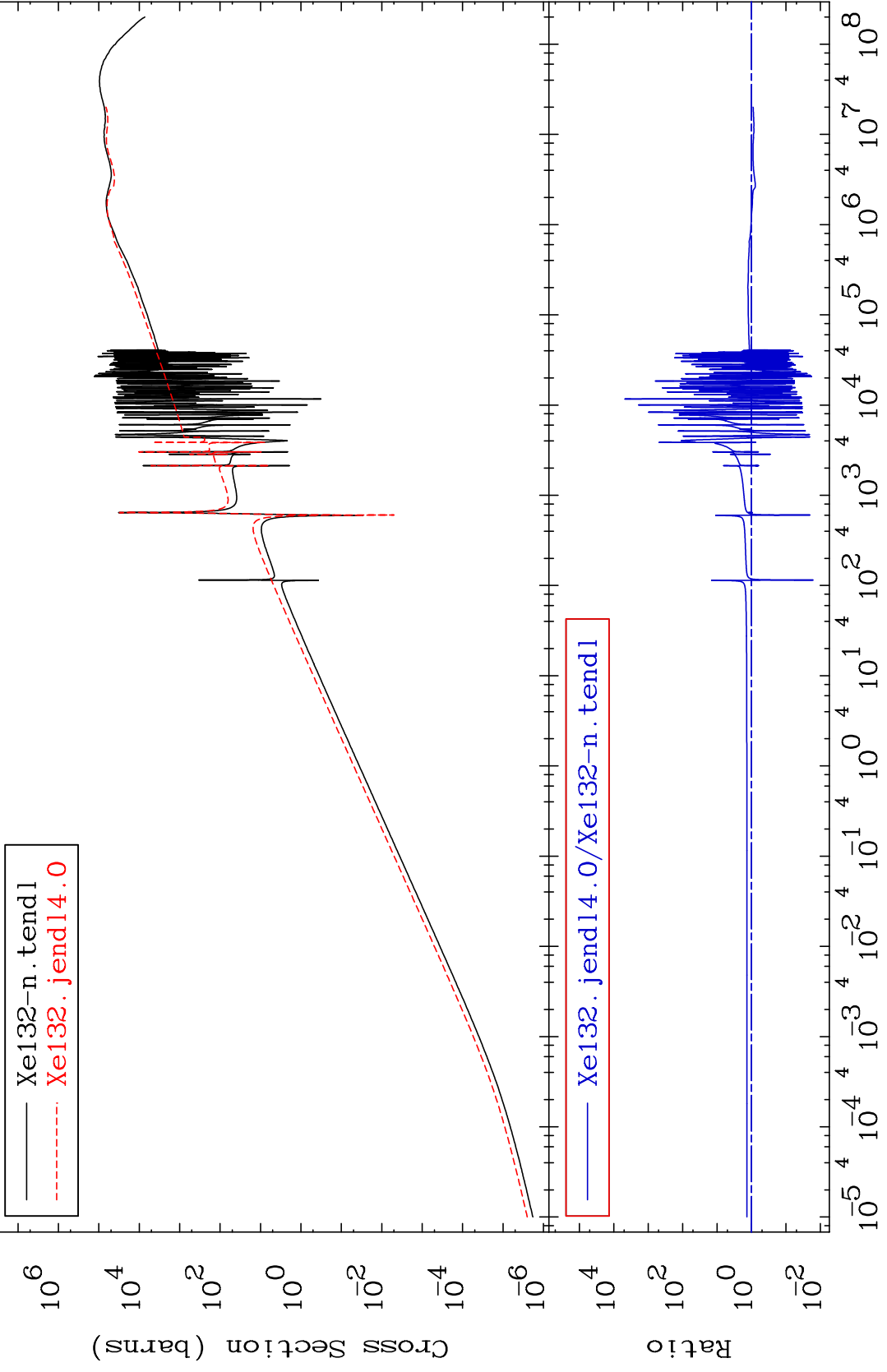
54-Xe-132

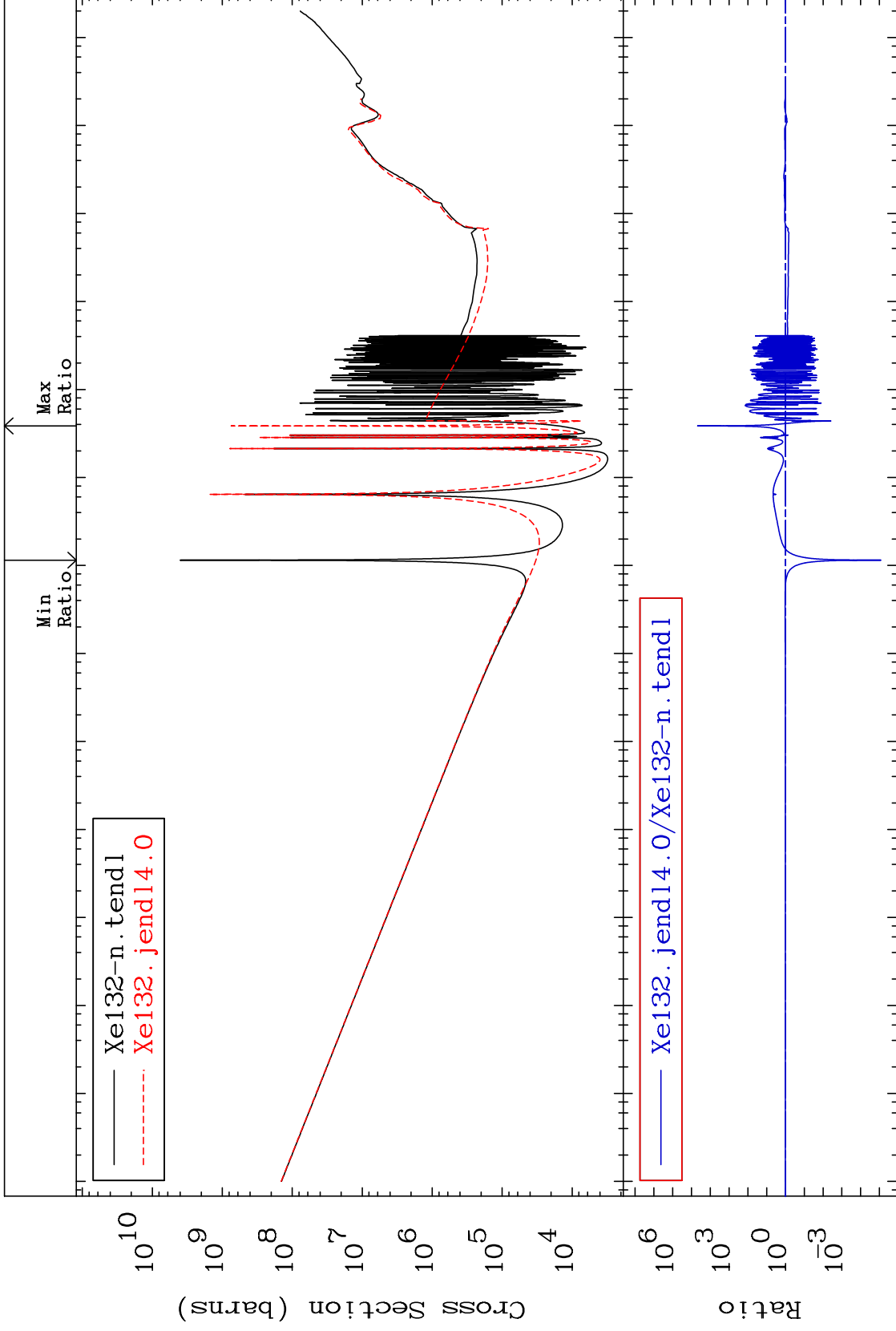
40

MAT 5449

Kerma elastic
Cross Section

54-Xe-132
-98.39 To 9999. %

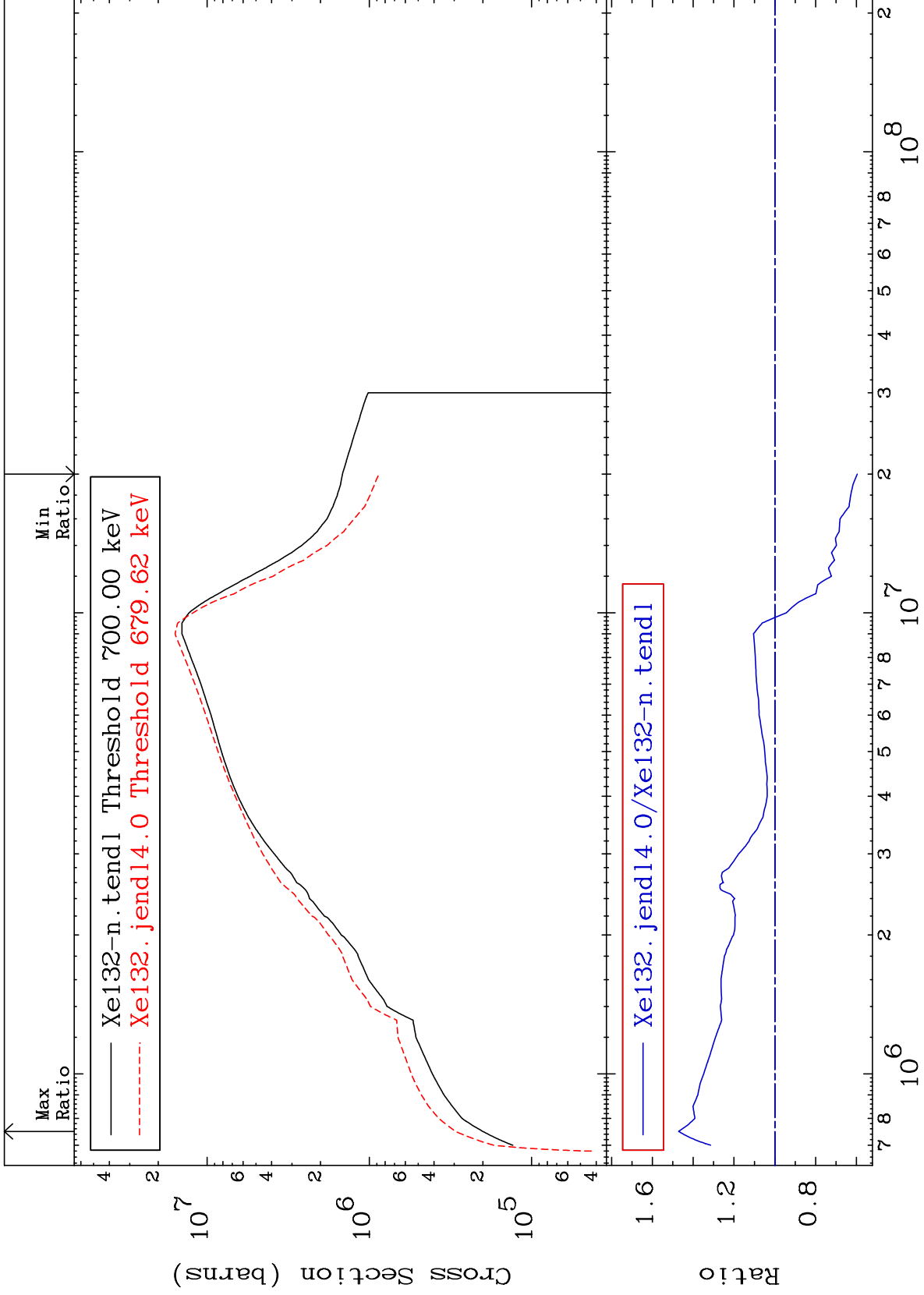




MAT 5449

Kerma inelastic (mt51-91)
Cross Section

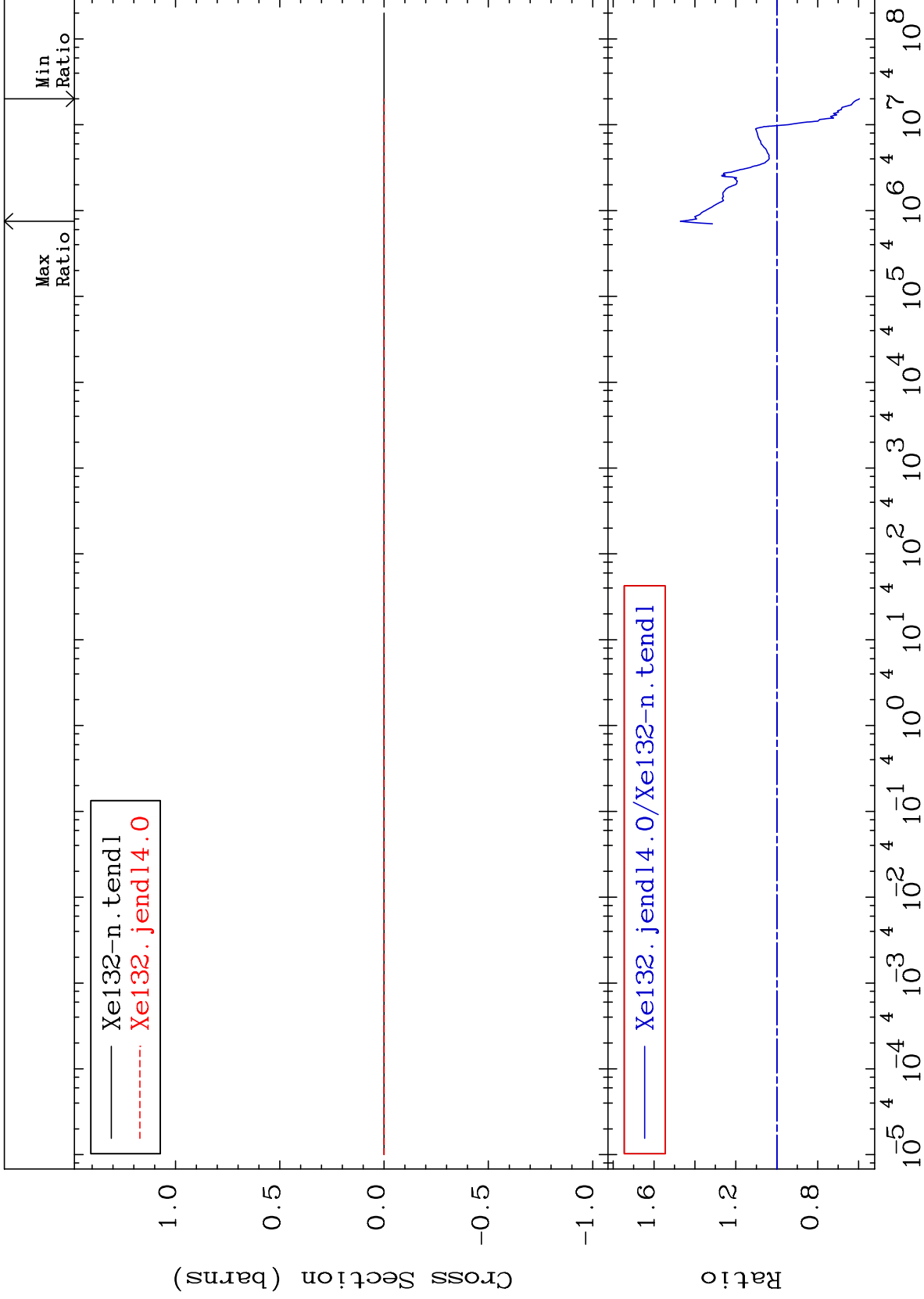
54-Xe-132
-40.37 To 47.13 %



MAT 5449

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

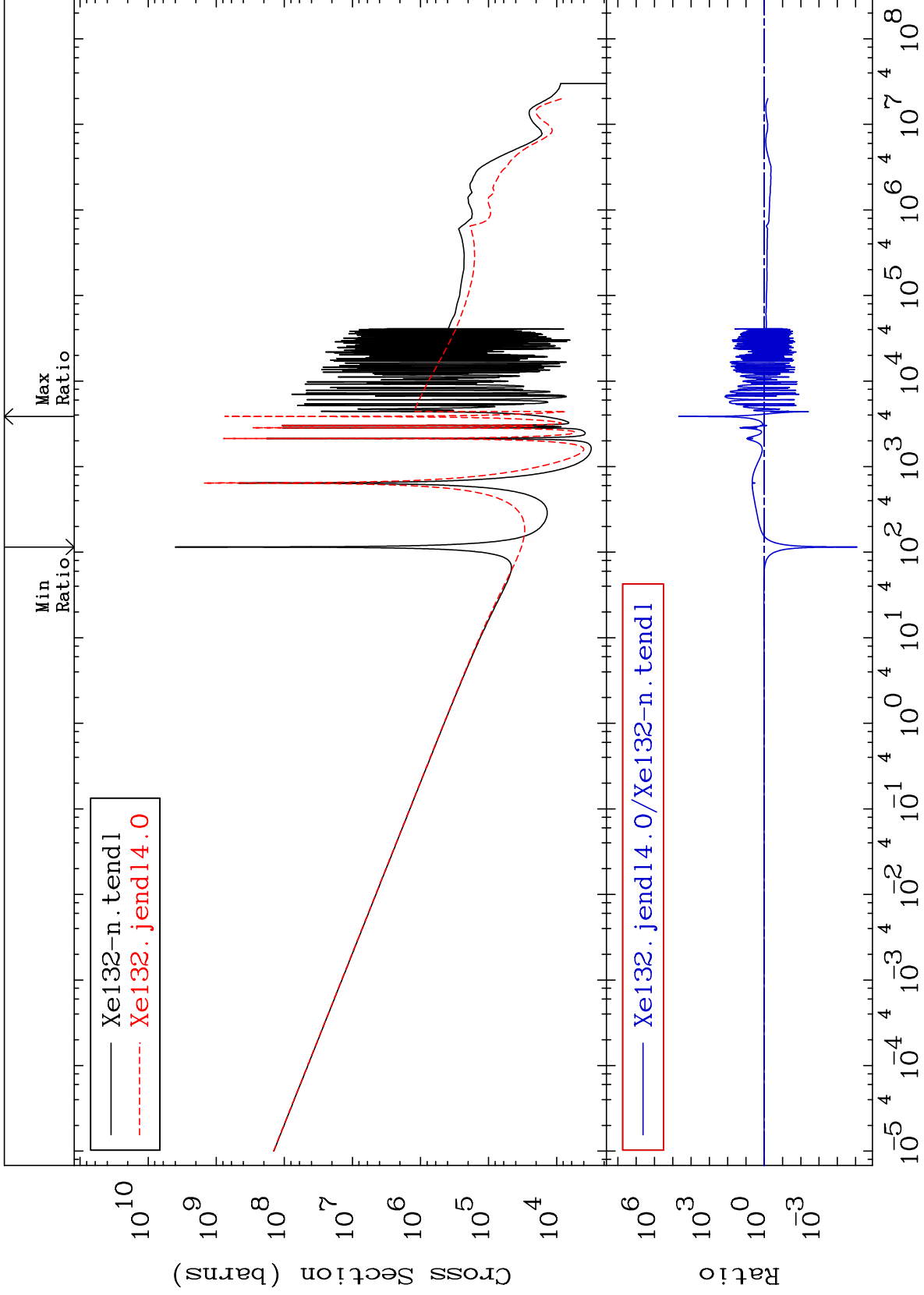
54-Xe-132
-40.37 To 47.13 %



MAT 5449

Kerma capture (mt102)
Cross Section

54-Xe-132
-100.0 To 9999. %



45

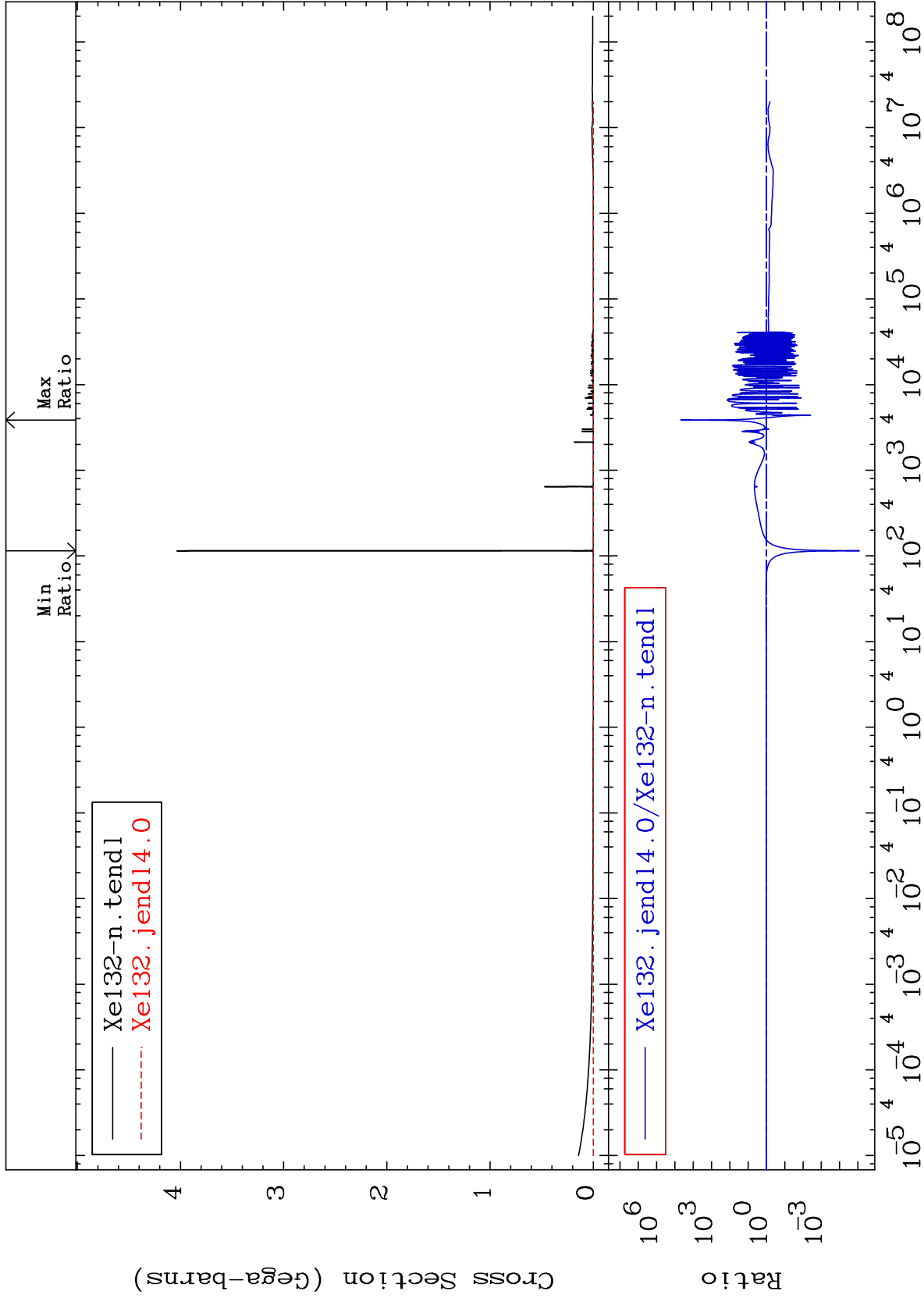
Incident Energy (eV)

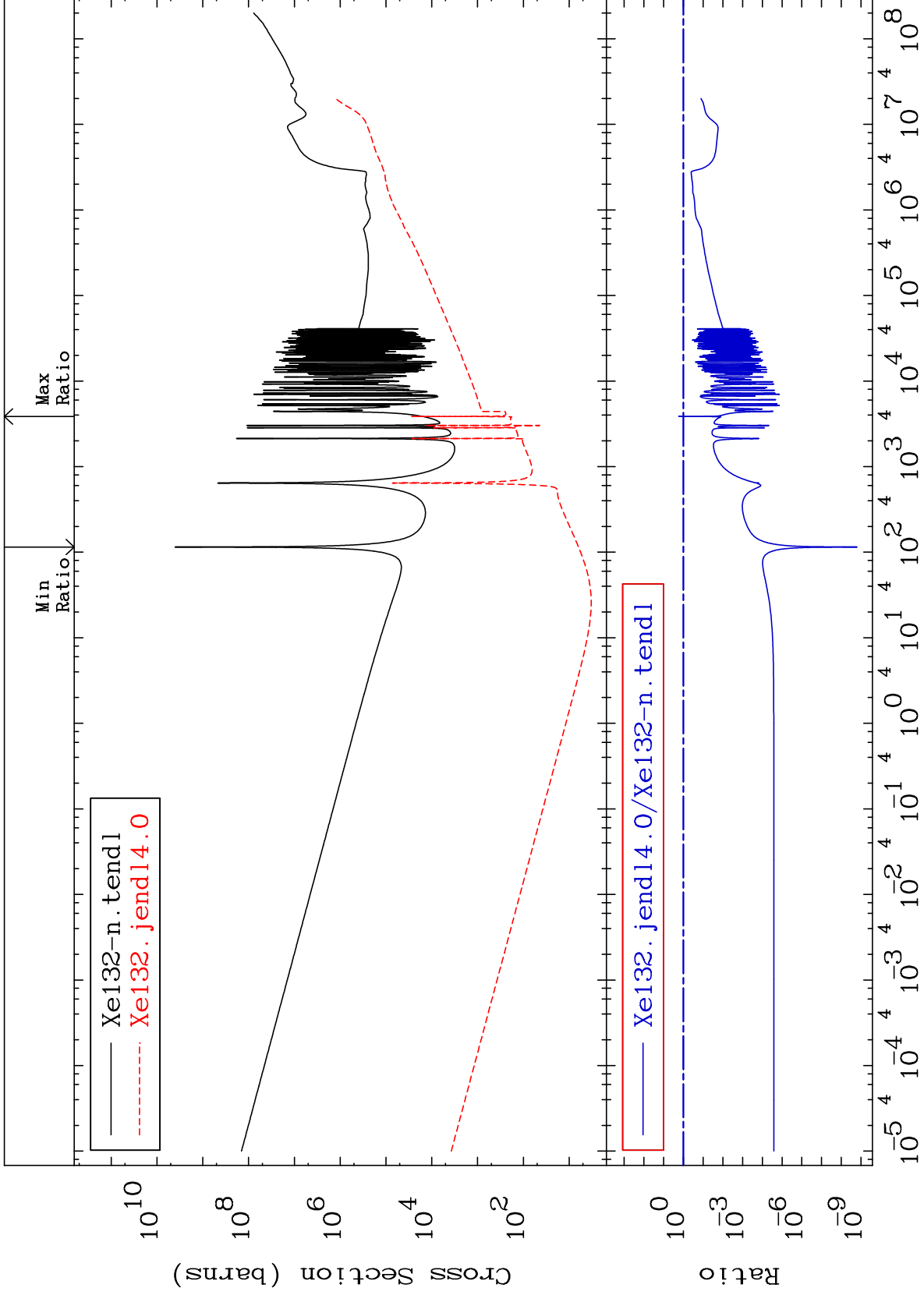
54-Xe-132

MAT 5449

Total photon (eV-barns)
Cross Section

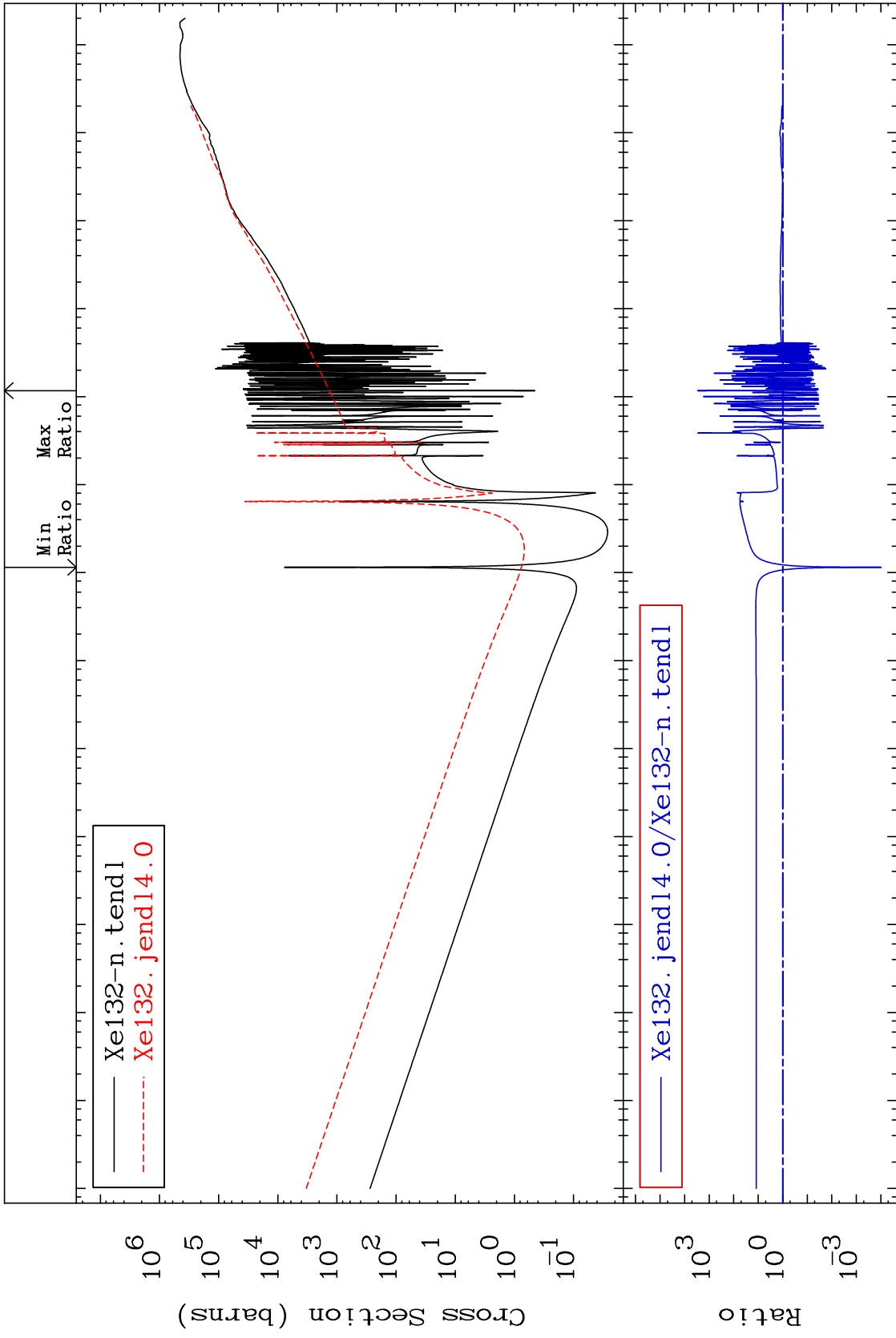
54-Xe-132
-100.0 To 9999. %



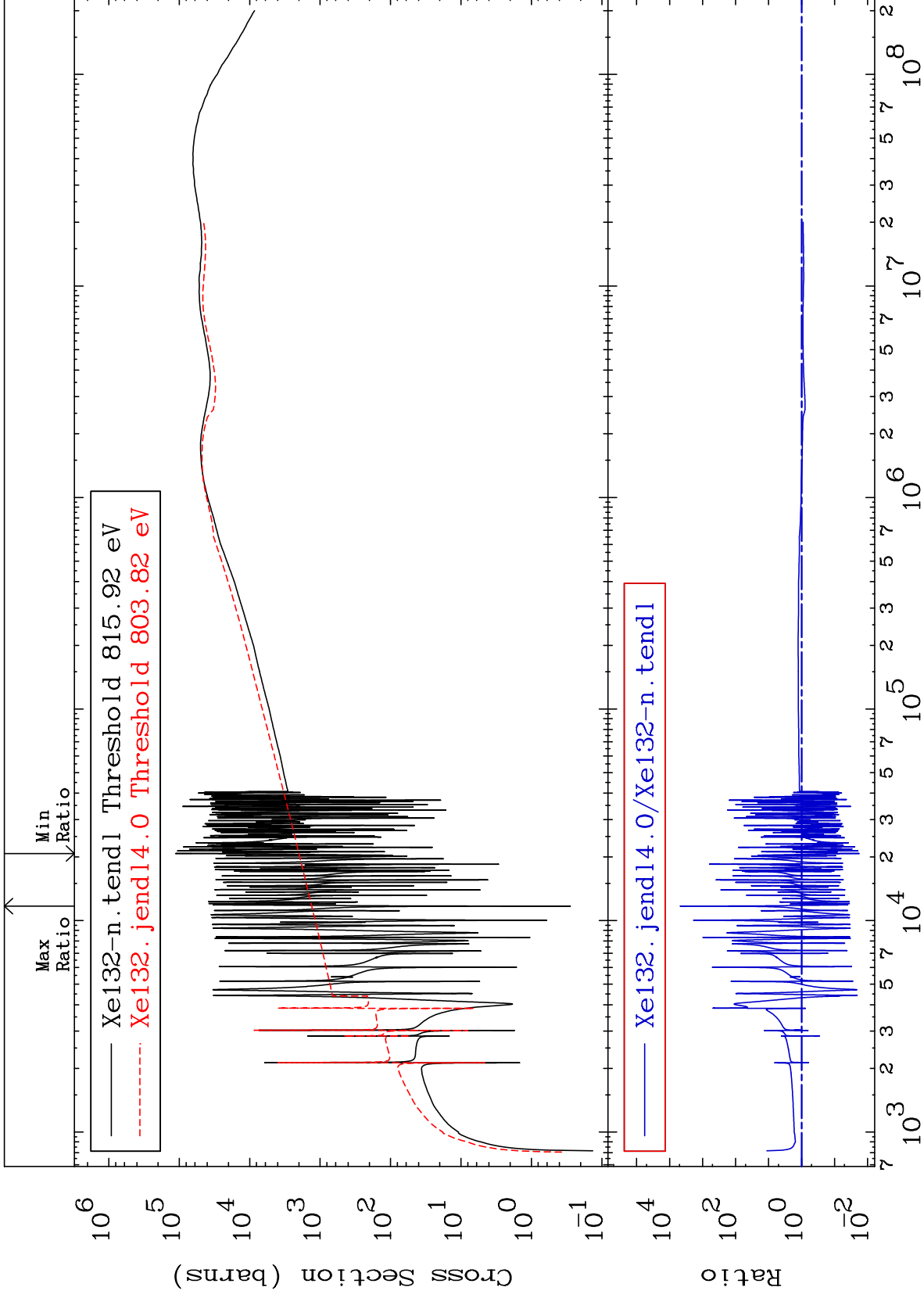


Cross Section

-99.99 To 9999. %



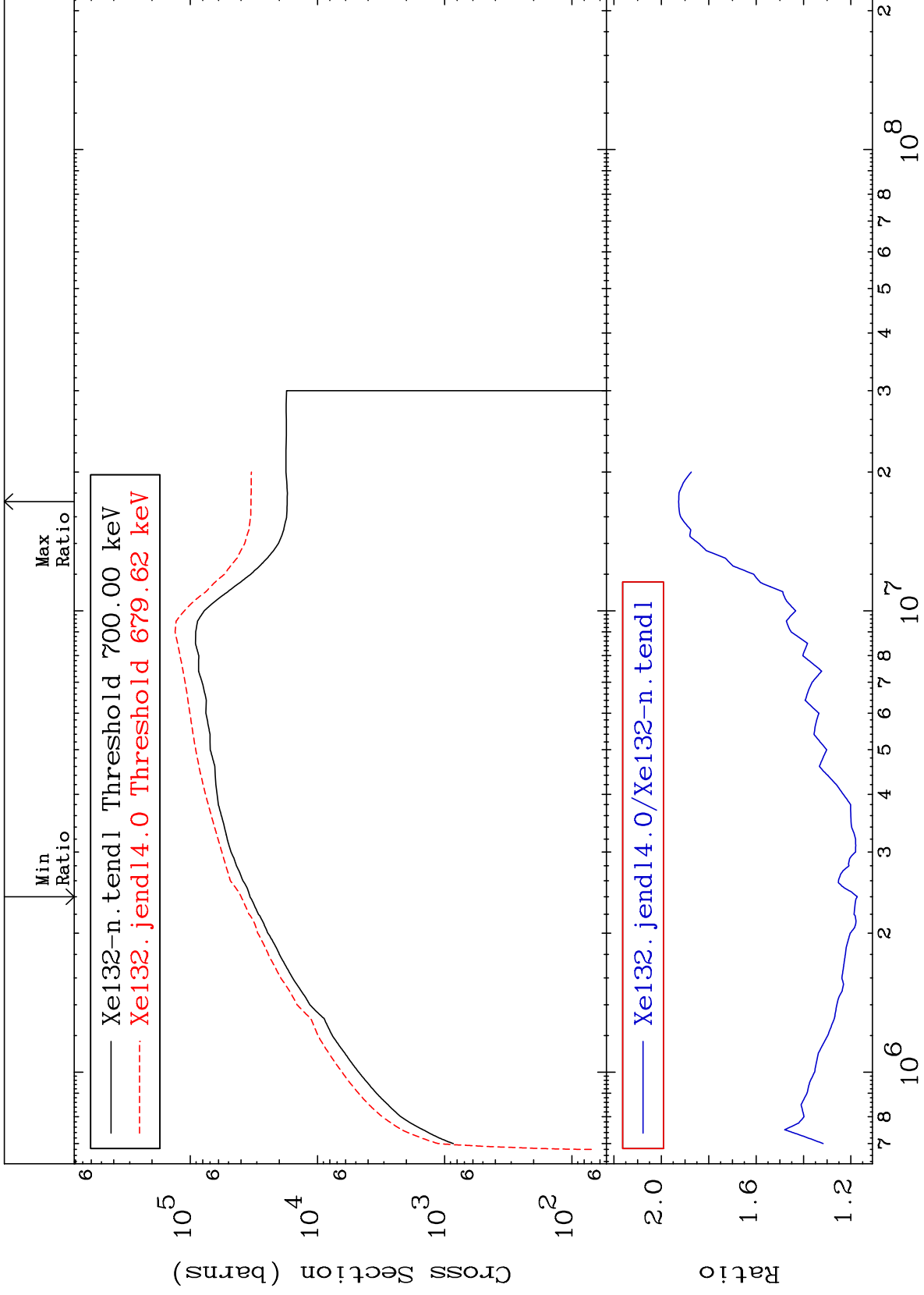
Incident Energy (eV)



MAT 5449

Dpa inelastic (mt51-91)
Cross Section

54-Xe-132
17.31 To 92.71 %



50

Incident Energy (eV)

54-Xe-132

