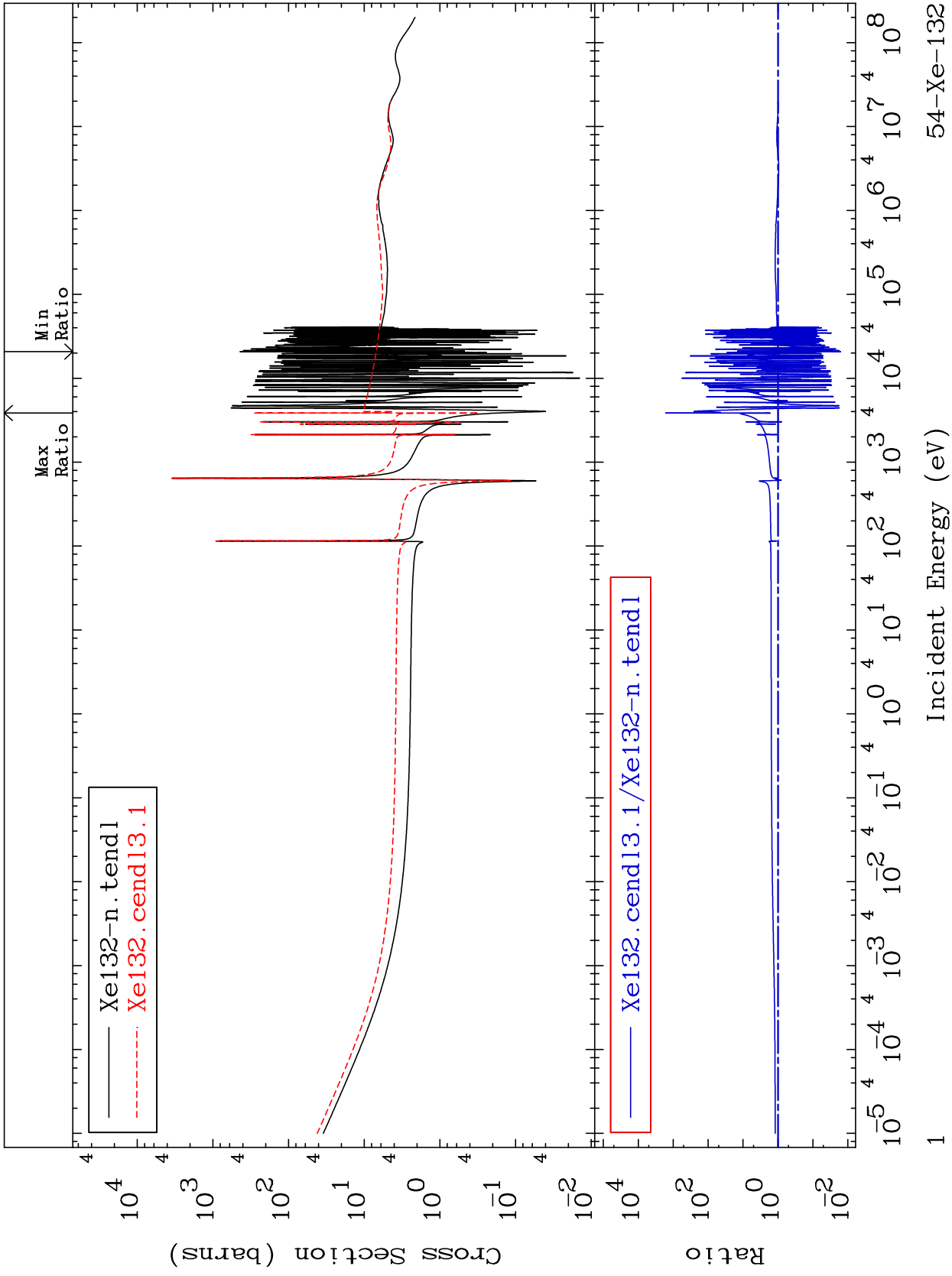


MAT 5449

Total Cross Section
54-Xe-132
-98.40 To 9999. %



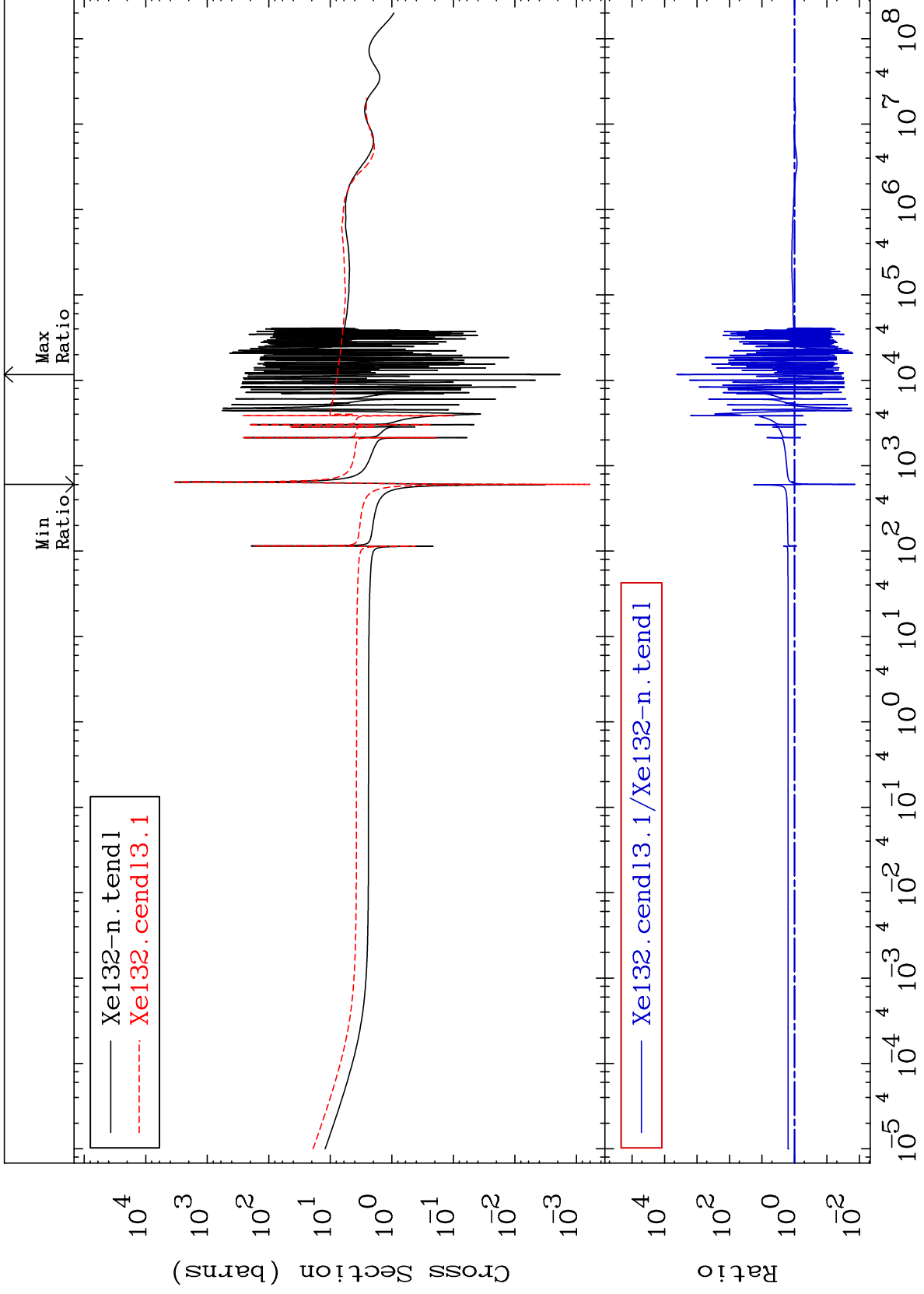
54-Xe-132

Incident Energy (eV)

MAT 5449

Elastic
Cross Section

54-Xe-132
-98.64 To 9999. %



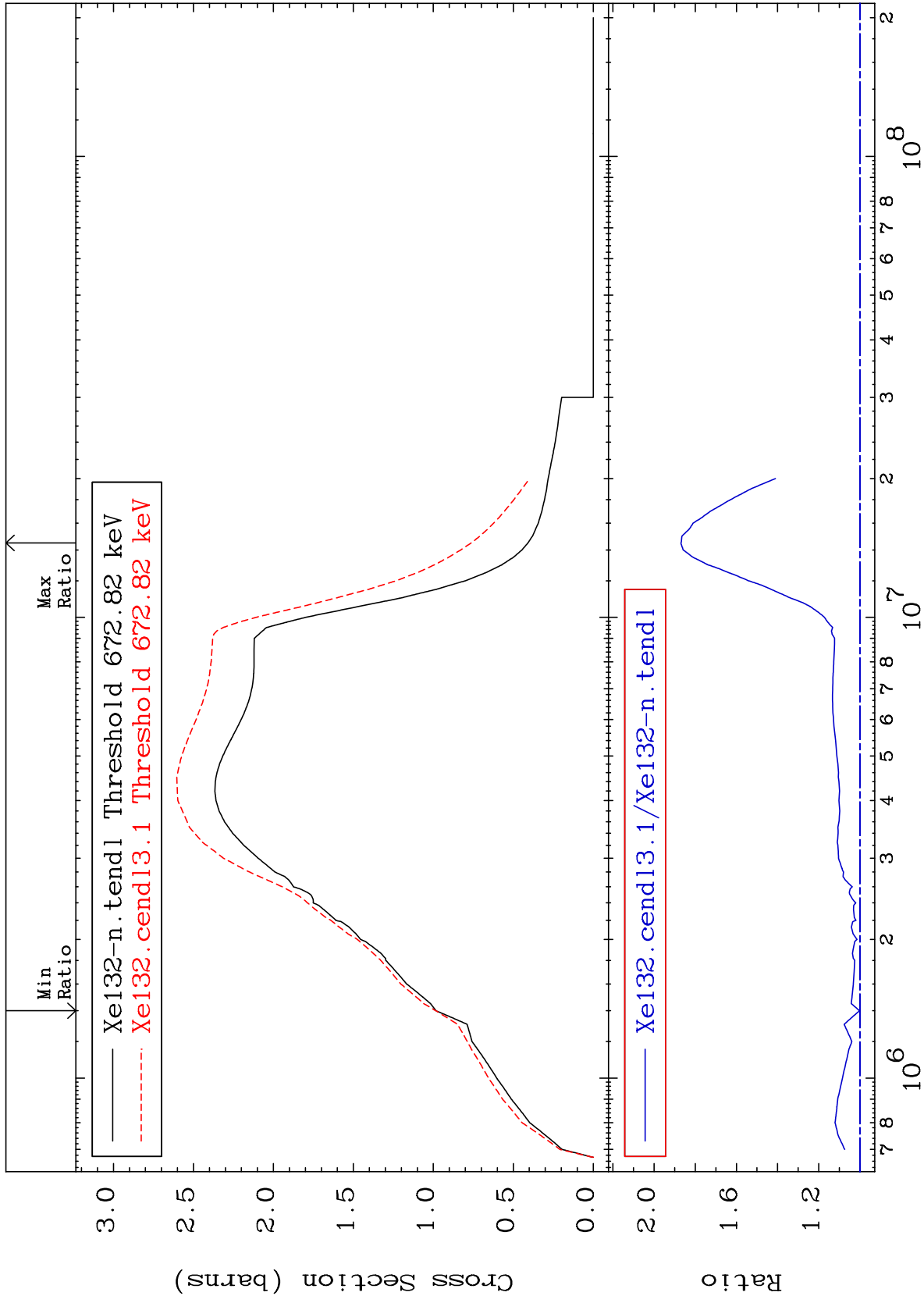
2

Incident Energy (eV)

54-Xe-132

MAT 5449

Inelastic Cross Section
54-Xe-132
0.160 To 87.04 %



3

Incident Energy (eV)

54-Xe-132

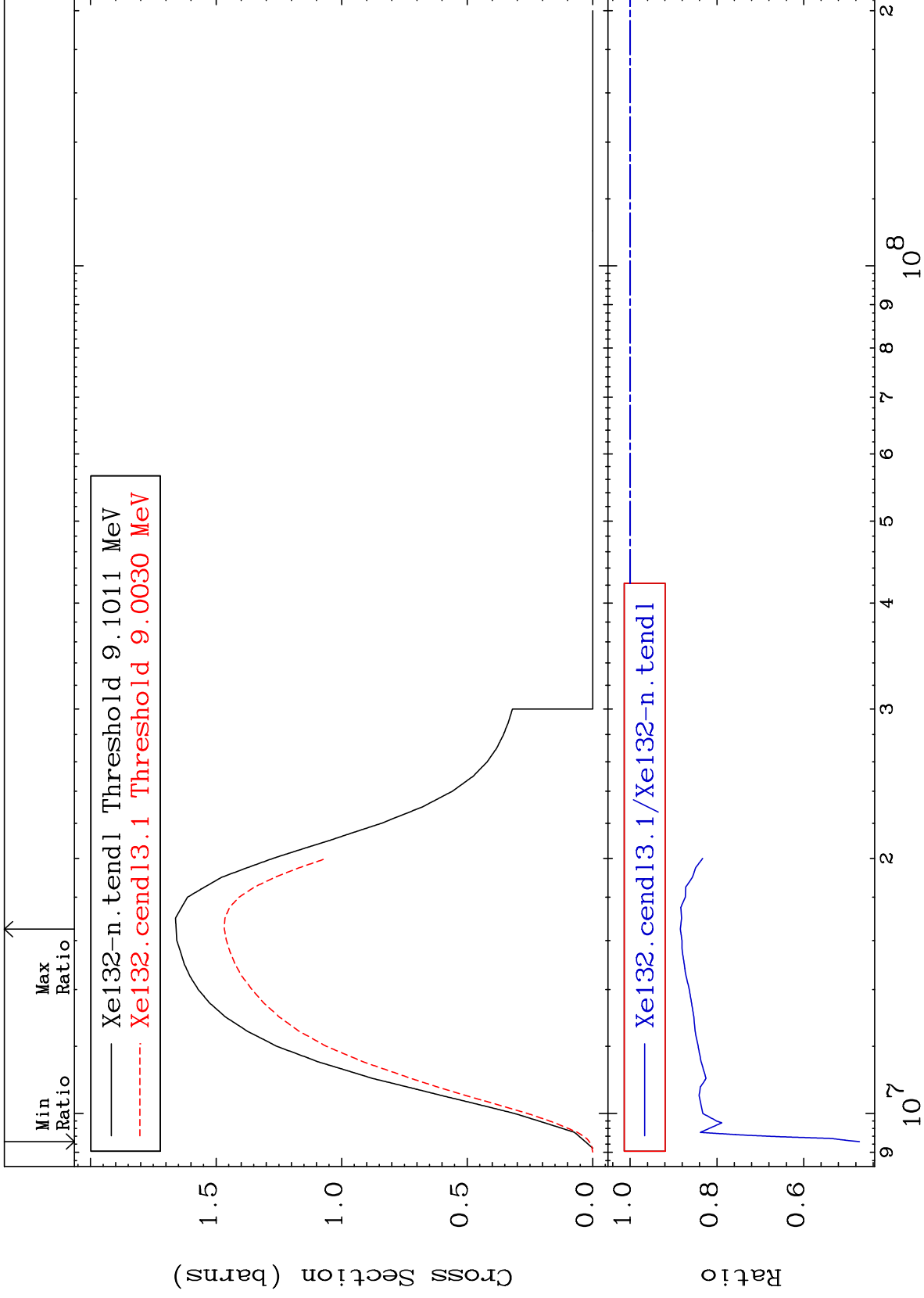
MAT 5449

(n,2n)

54-Xe-132

Cross Section

-52.84 To -11.57%



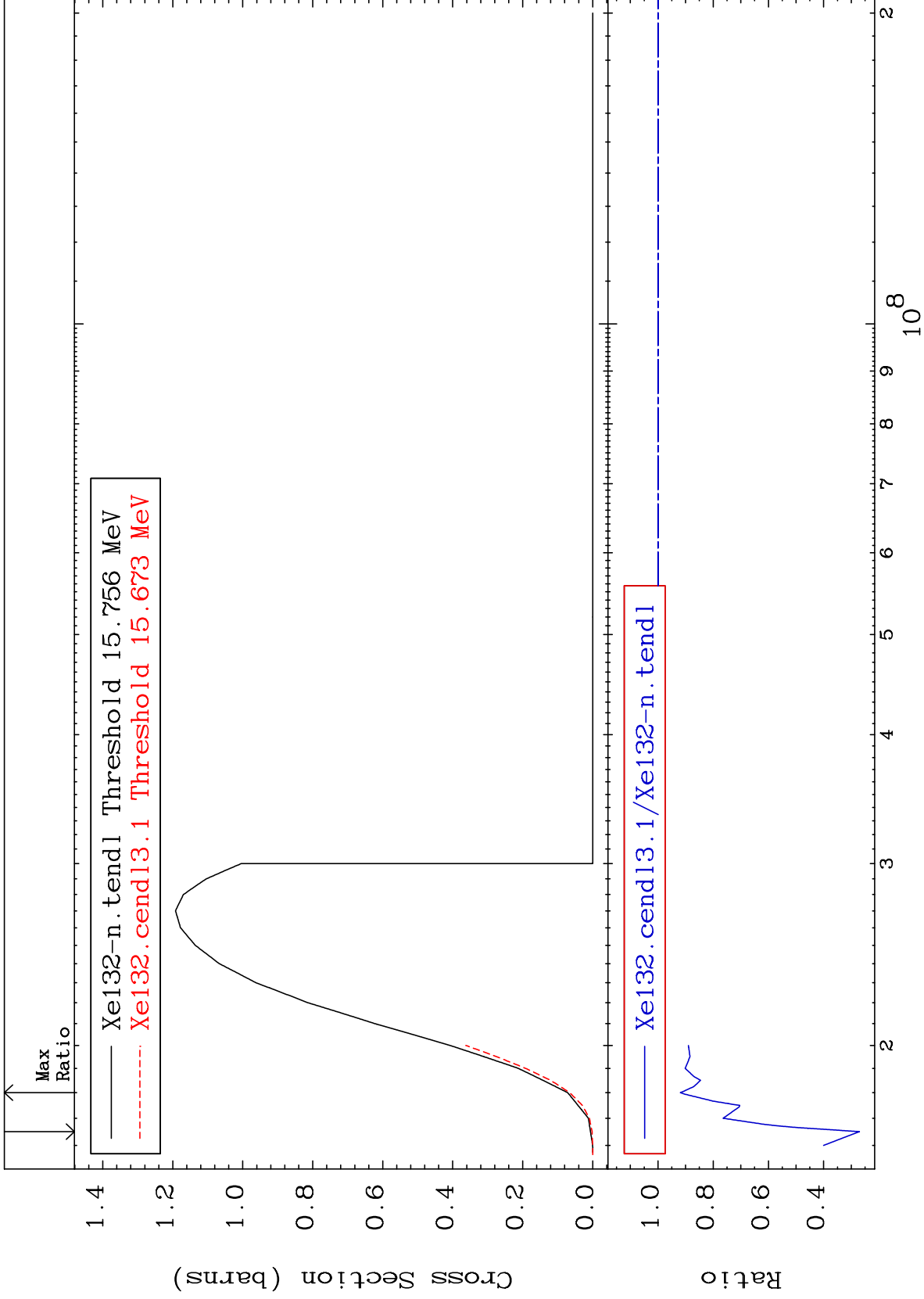
Incident Energy (eV)

54-Xe-132

MAT 5449

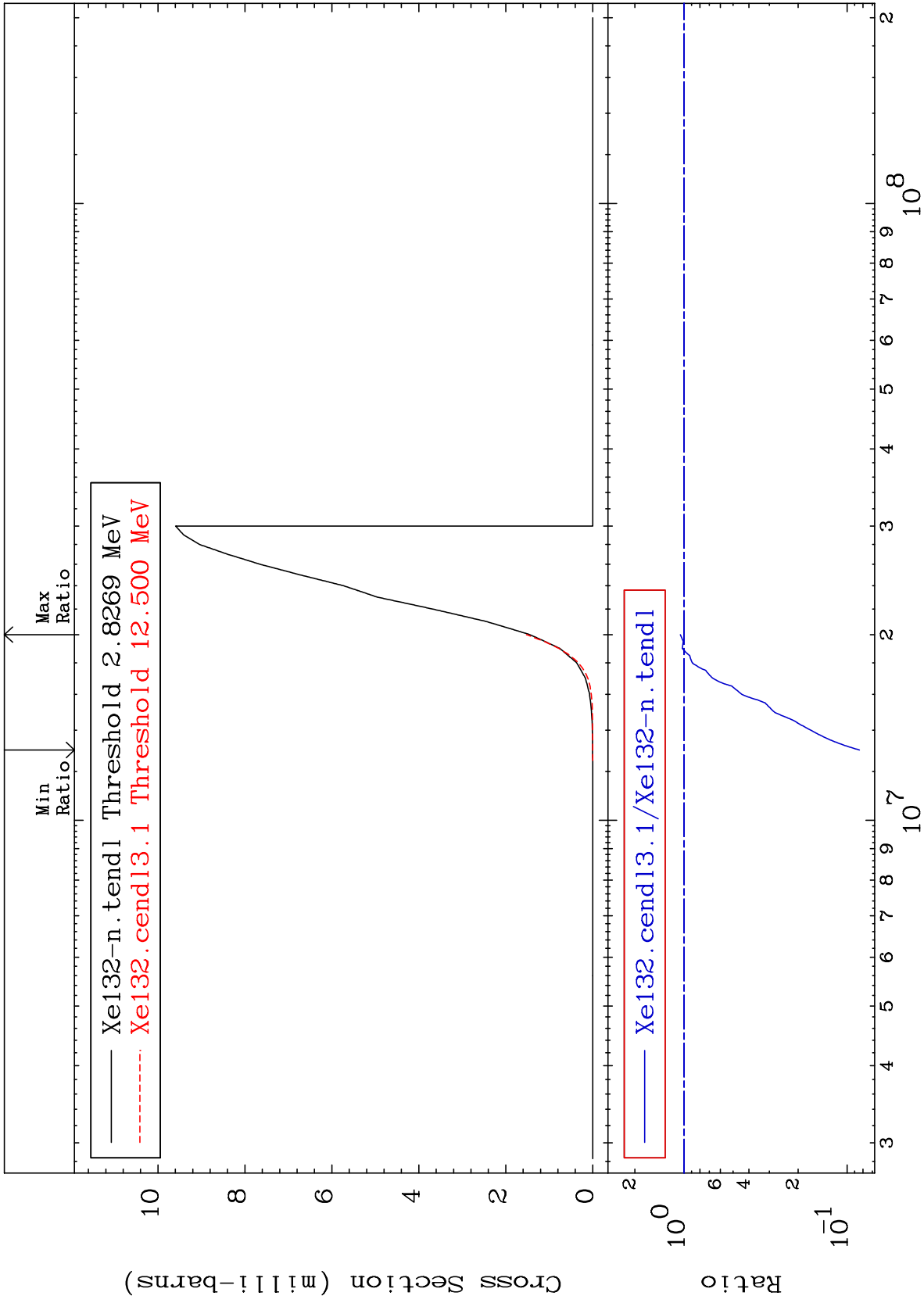
(n,3n)
Cross Section

54-Xe-132
-72.96 To -8.115%



MAT 5449

(n, n') α
Cross Section
54-Xe-132
-91.59 To 5.357 %



6

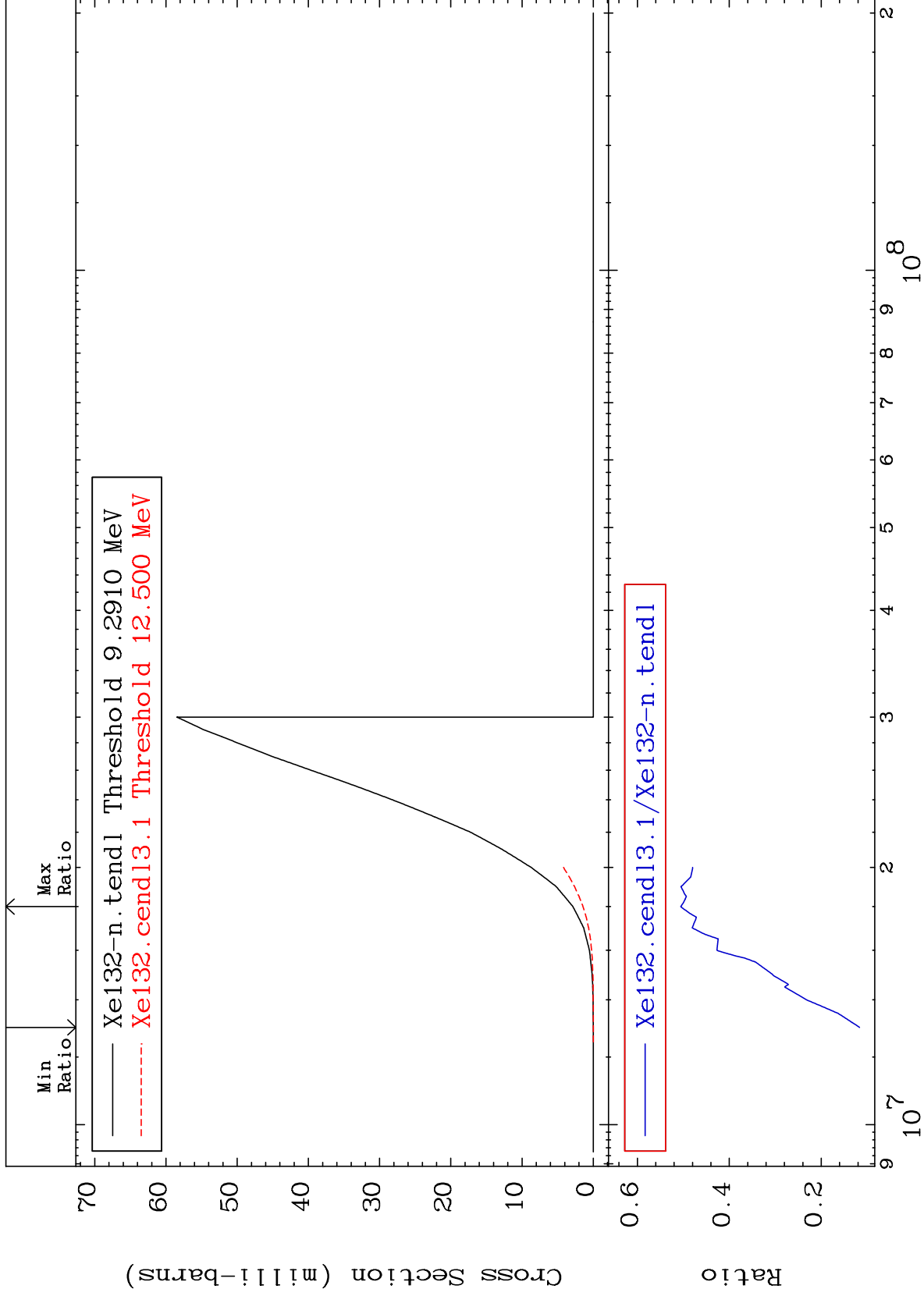
Incident Energy (eV)

54-Xe-132

MAT 5449

(n,n') p
Cross Section

54-Xe-132
-88.33 To -49.44%



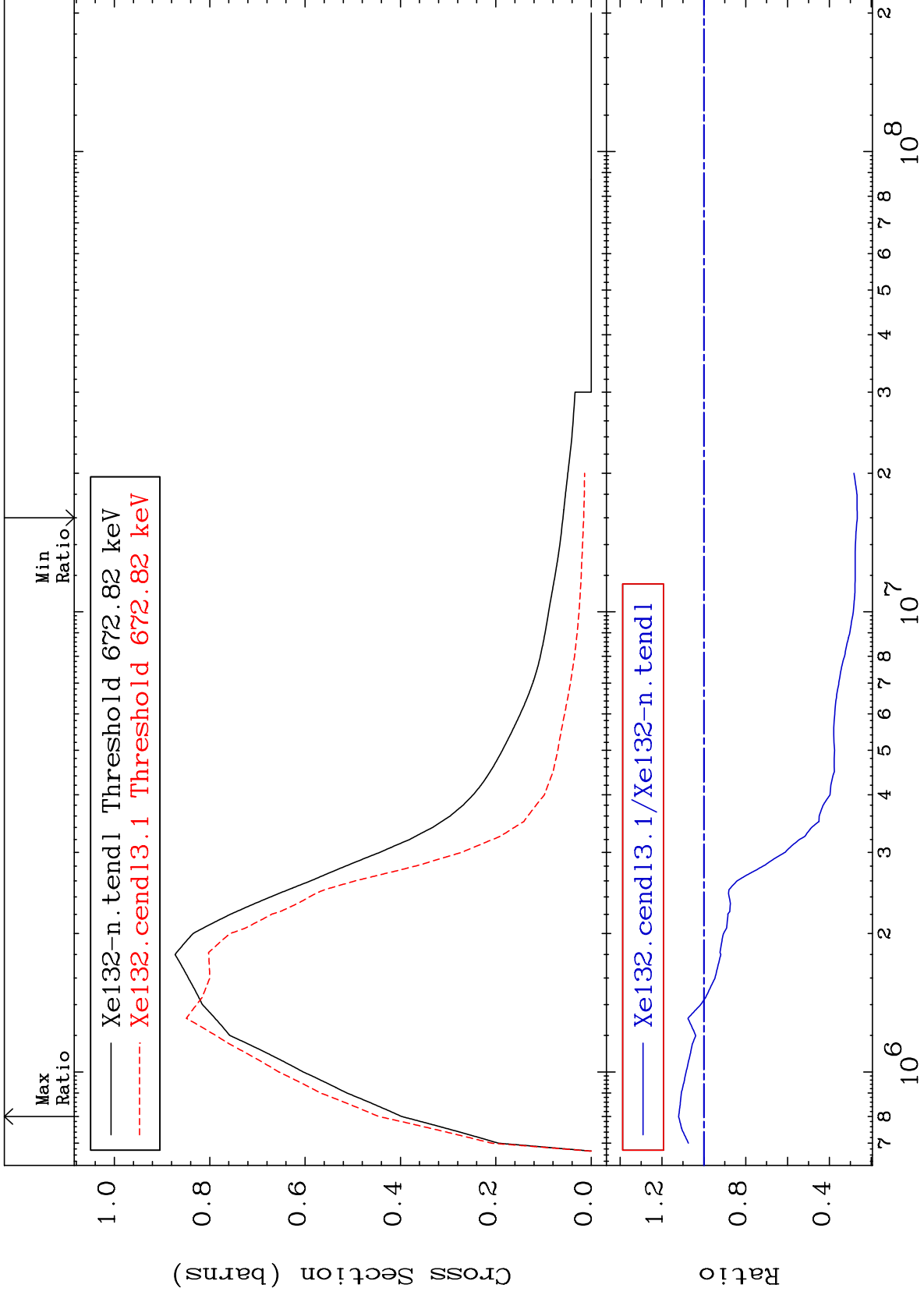
54-Xe-132

Incident Energy (eV)

MAT 5449

667.7 keV (n,n') Level
Cross Section

54-Xe-132
-73.30 To 12.06 %



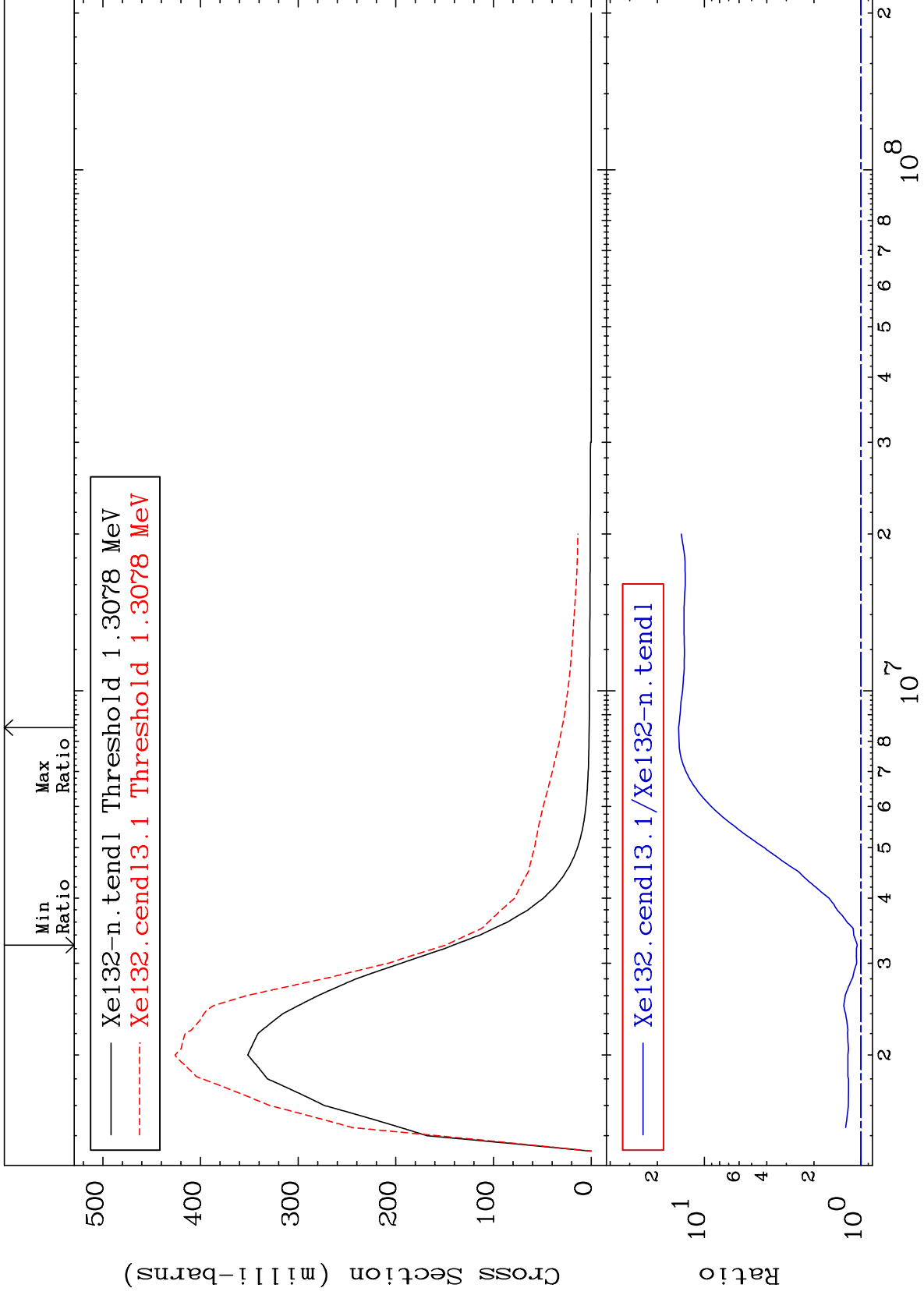
8

54-Xe-132

MAT 5449

1.298 MeV (n,n') Level
Cross Section

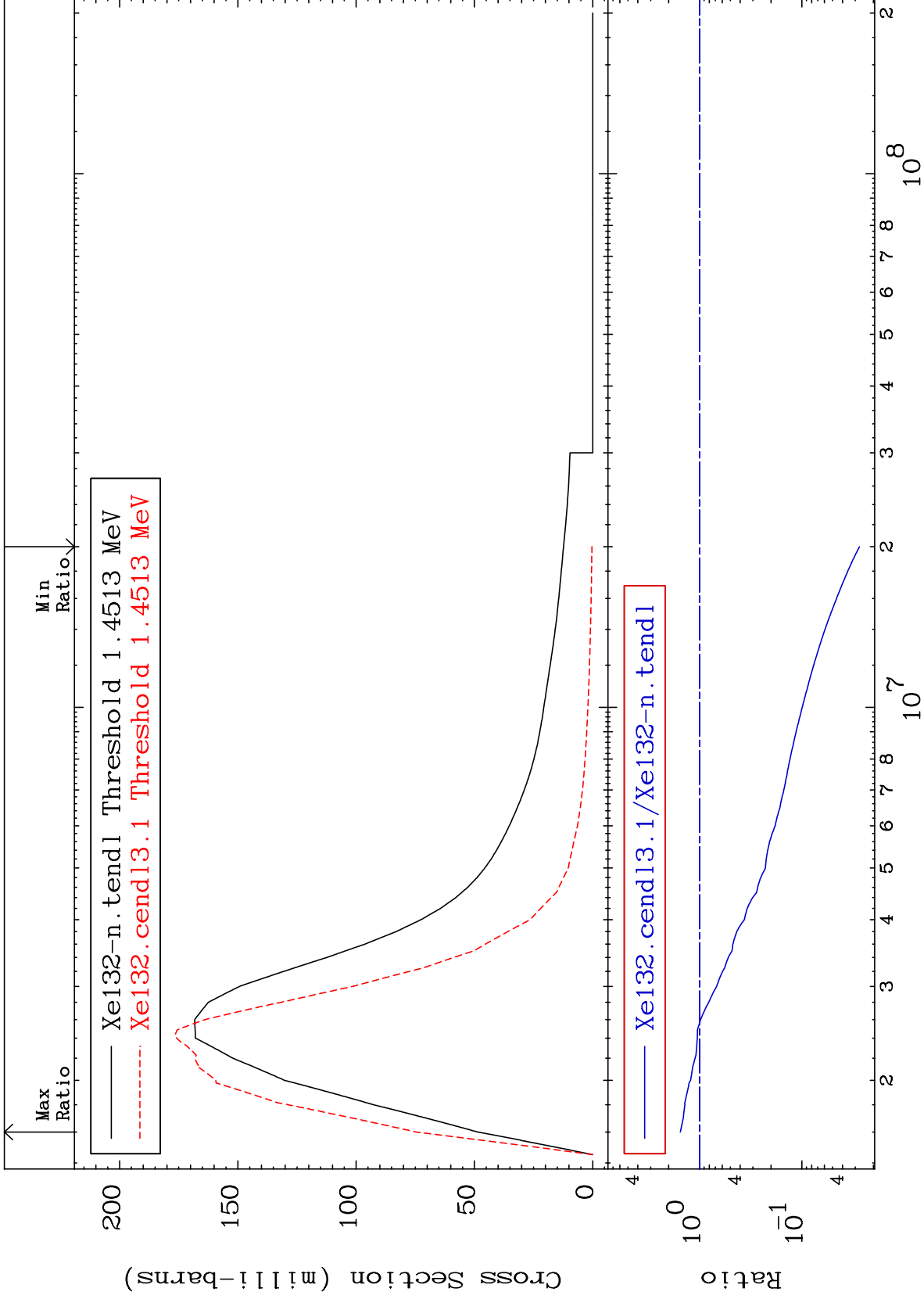
54-Xe-132
5.734 To 1362. %



MAT 5449

1.440 MeV (n,n') Level
Cross Section

54-Xe-132
-97.27 To 53.74 %



10

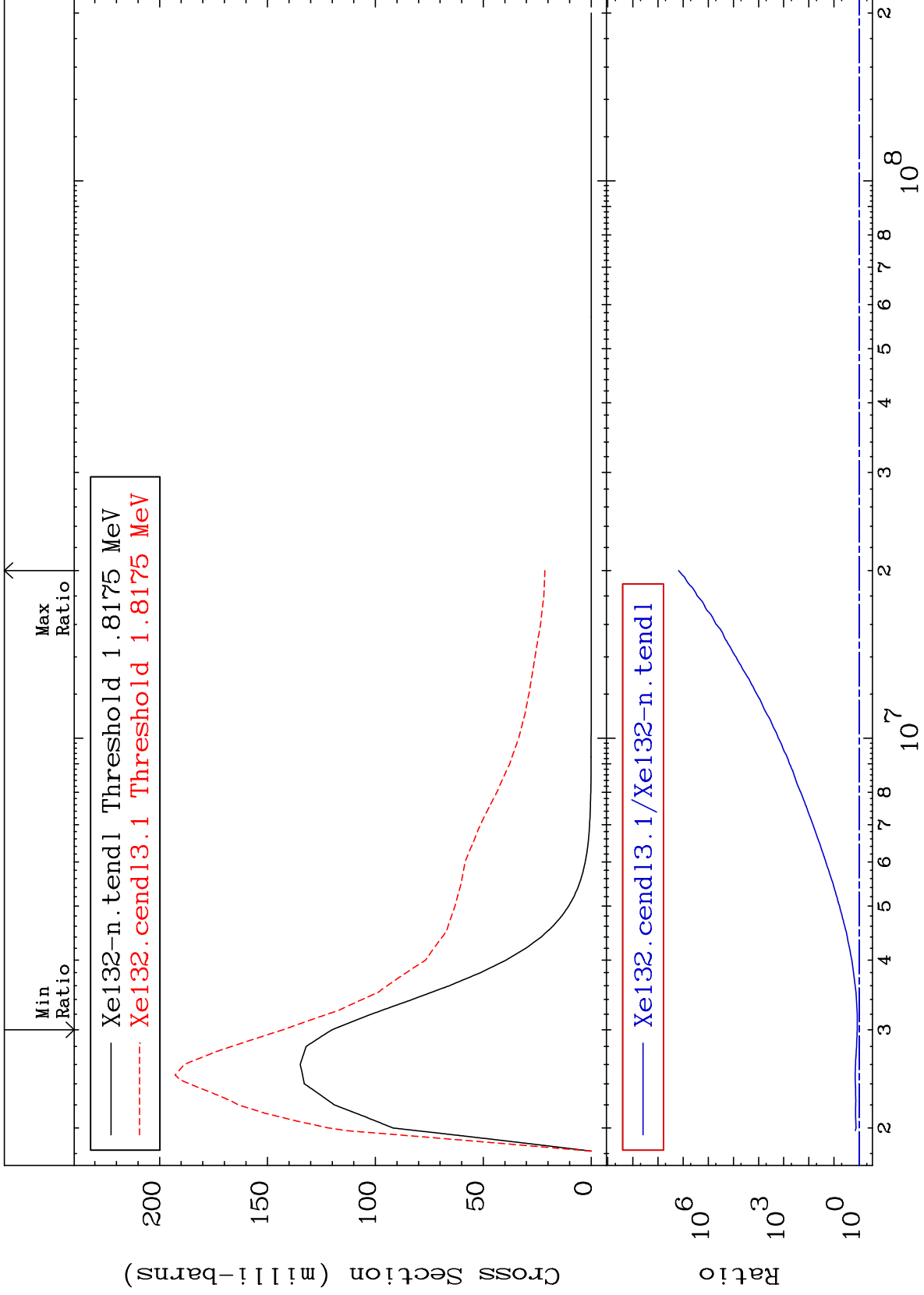
Incident Energy (eV)

54-Xe-132

MAT 5449

1.804 MeV (n,n') Level
Cross Section

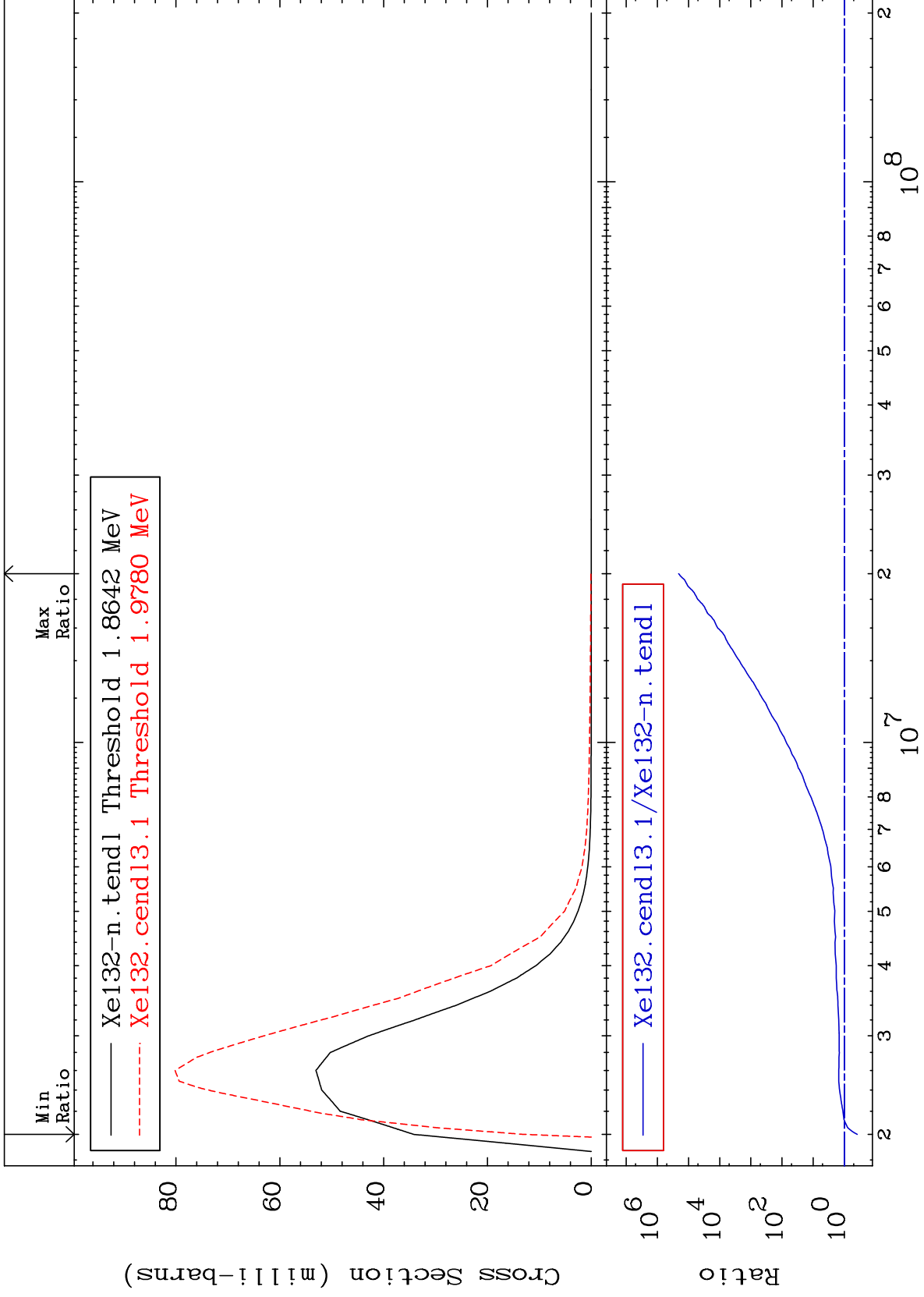
54-Xe-132
18.92 To 9999. %



MAT 5449

1.850 MeV (n,n') Level
Cross Section

54-Xe-132
-61.28 To 9999. %



12

Incident Energy (eV)

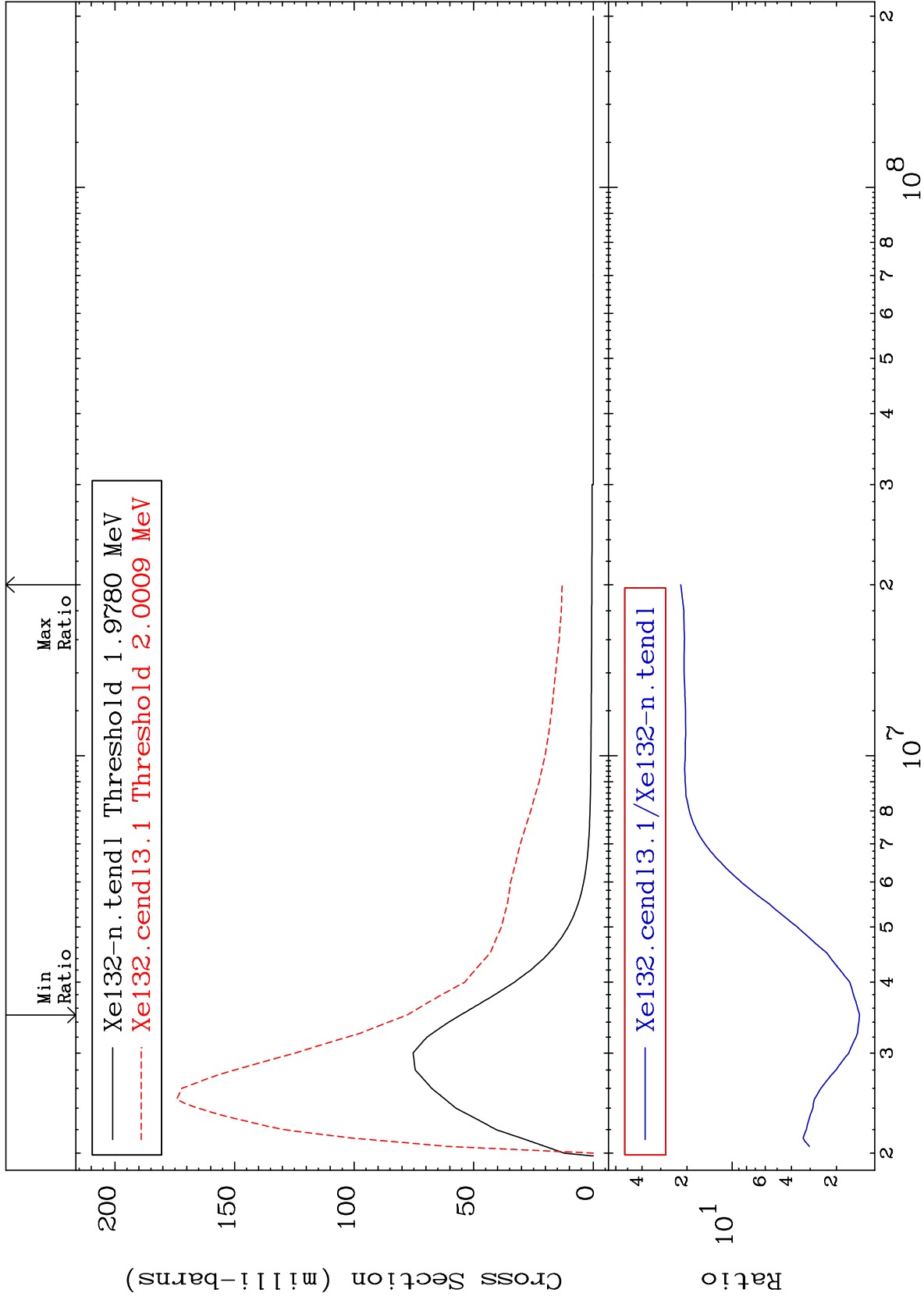
54-Xe-132

MAT 5449

1.963 MeV (n,n') Level

54-Xe-132

Cross Section To 2104. %



13

Incident Energy (eV)

54-Xe-132

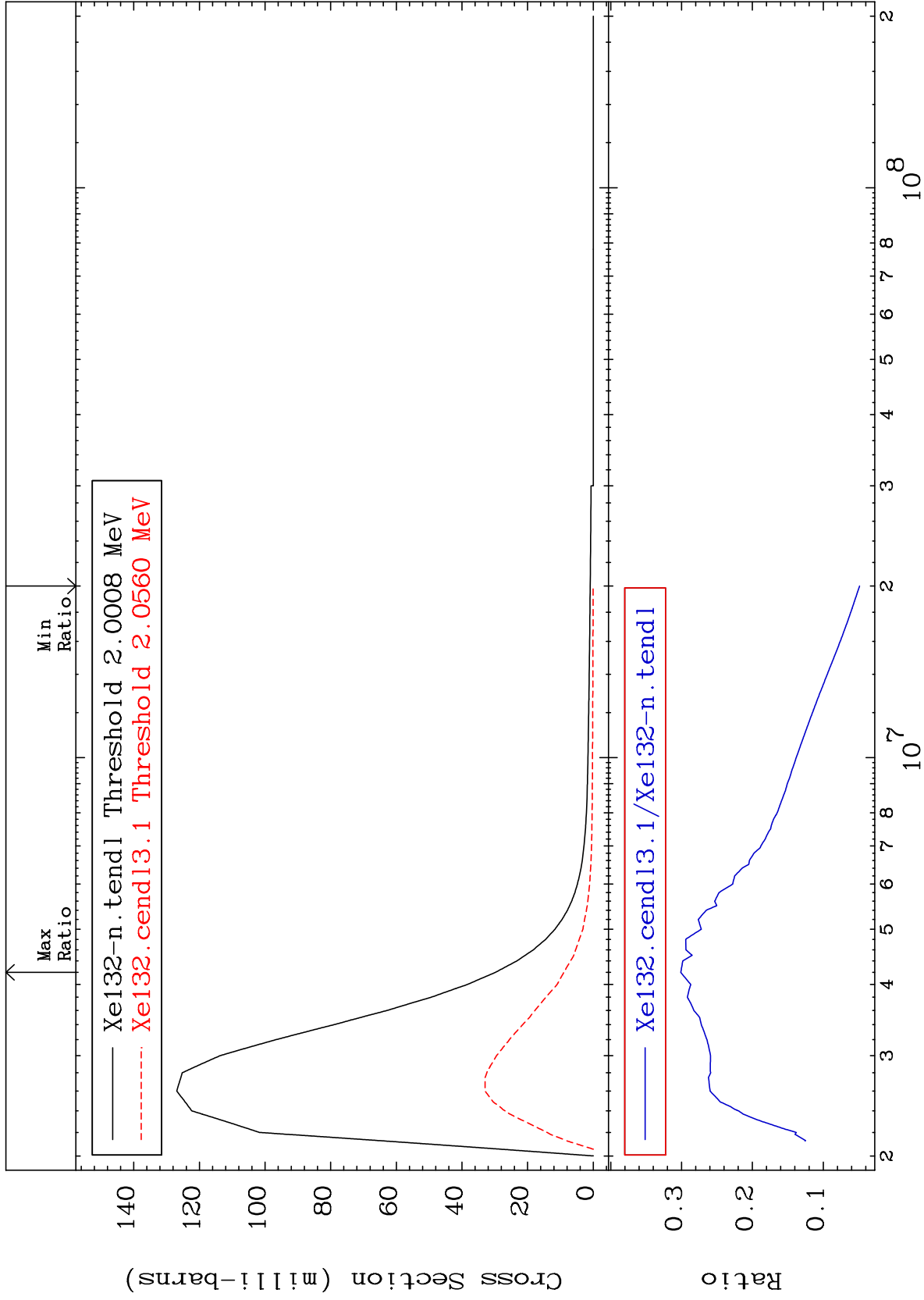
MAT 5449

1.986 MeV (n,n') Level

54-Xe-132

-95.13 To -69.88%

Cross Section



14

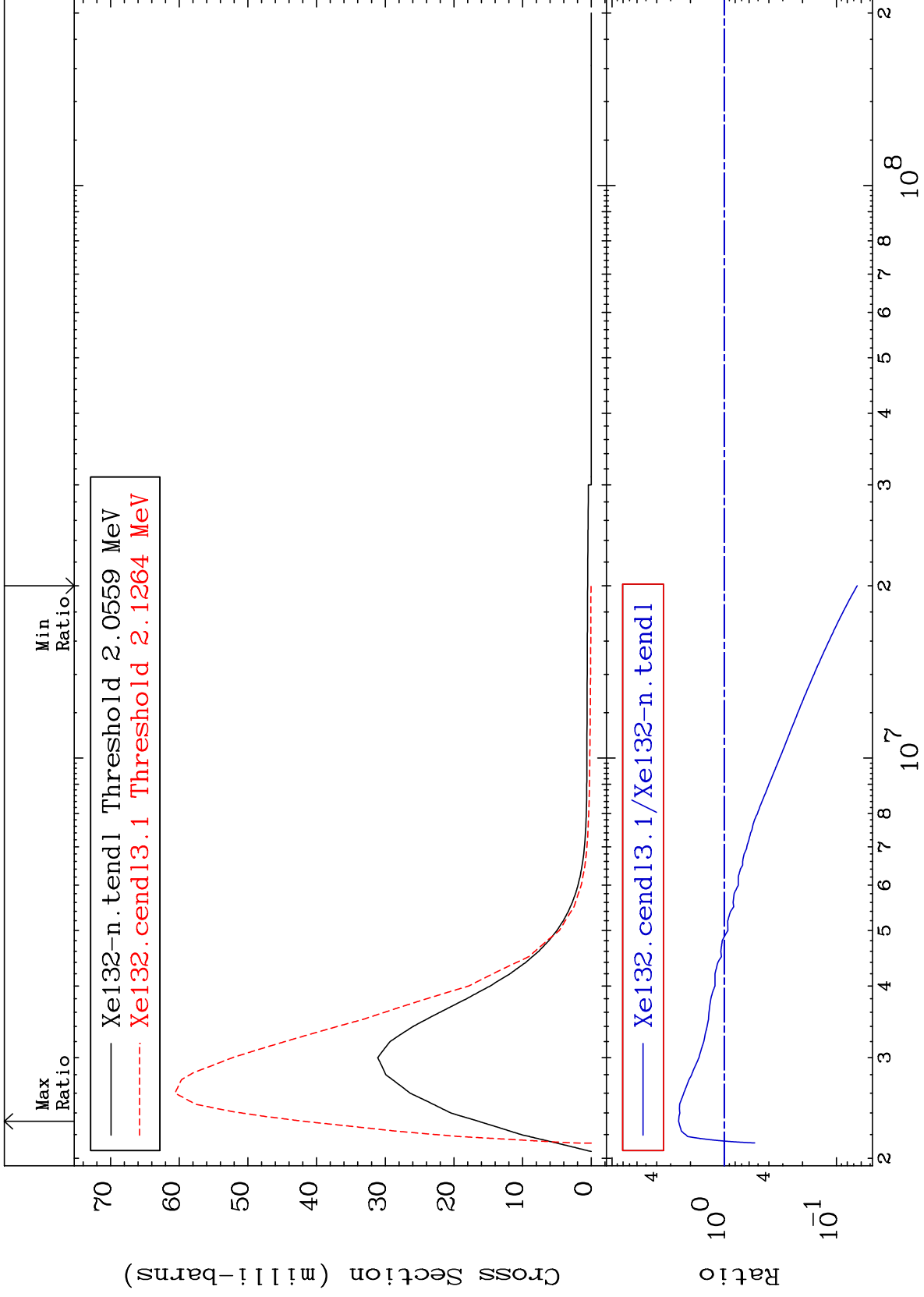
Incident Energy (eV)

54-Xe-132

MAT 5449

2.040 MeV (n,n') Level
Cross Section

54-Xe-132
-93.49 To 155.1 %



15

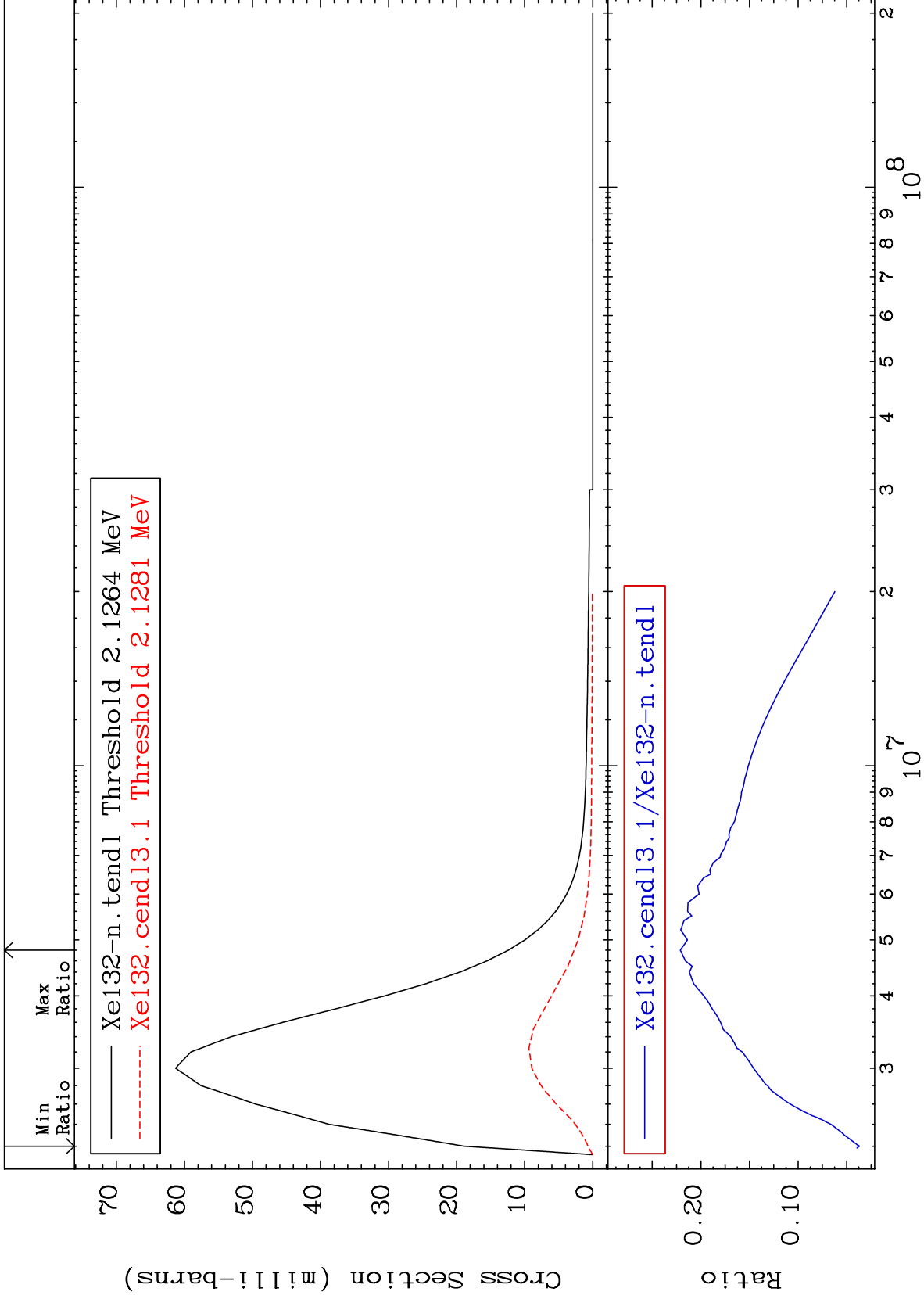
Incident Energy (eV)

54-Xe-132

MAT 5449

2.110 MeV (n,n') Level
Cross Section

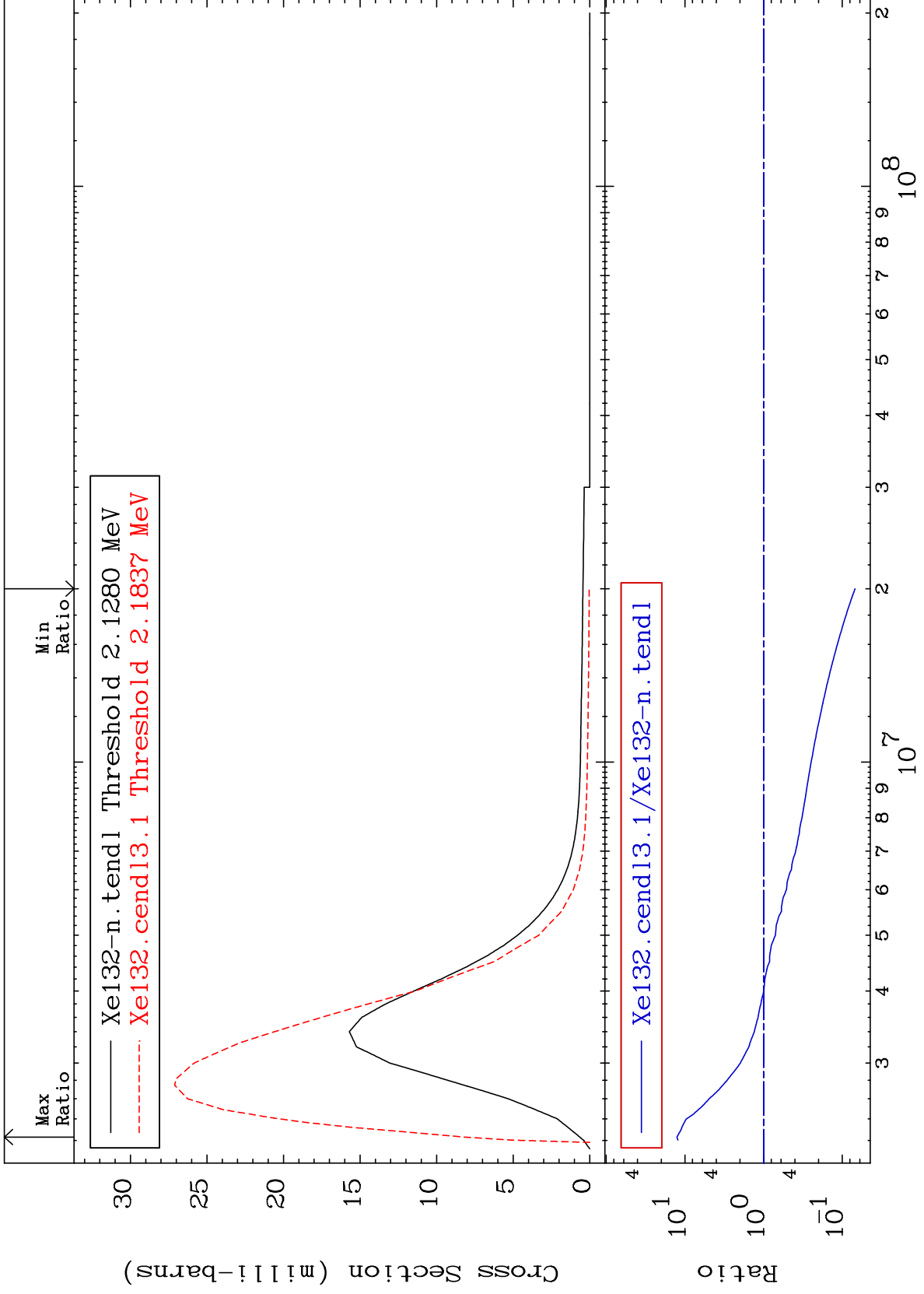
54-Xe-132
-96.31 To -77.89%



MAT 5449

2.112 MeV (n,n') Level
Cross Section

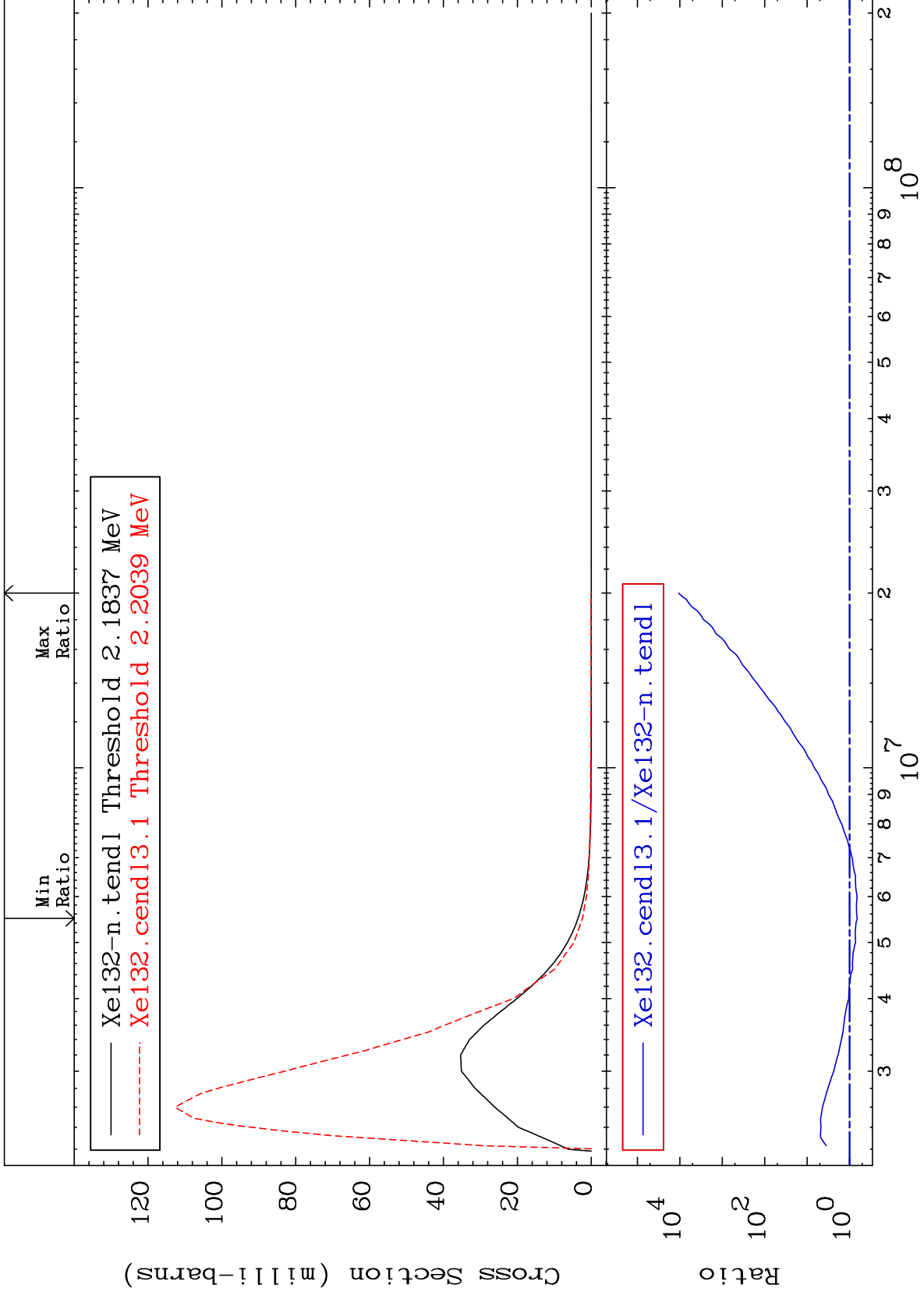
54-Xe-132
-93.12 To 1163. %



MAT 5449

2.167 MeV (n,n') Level
Cross Section

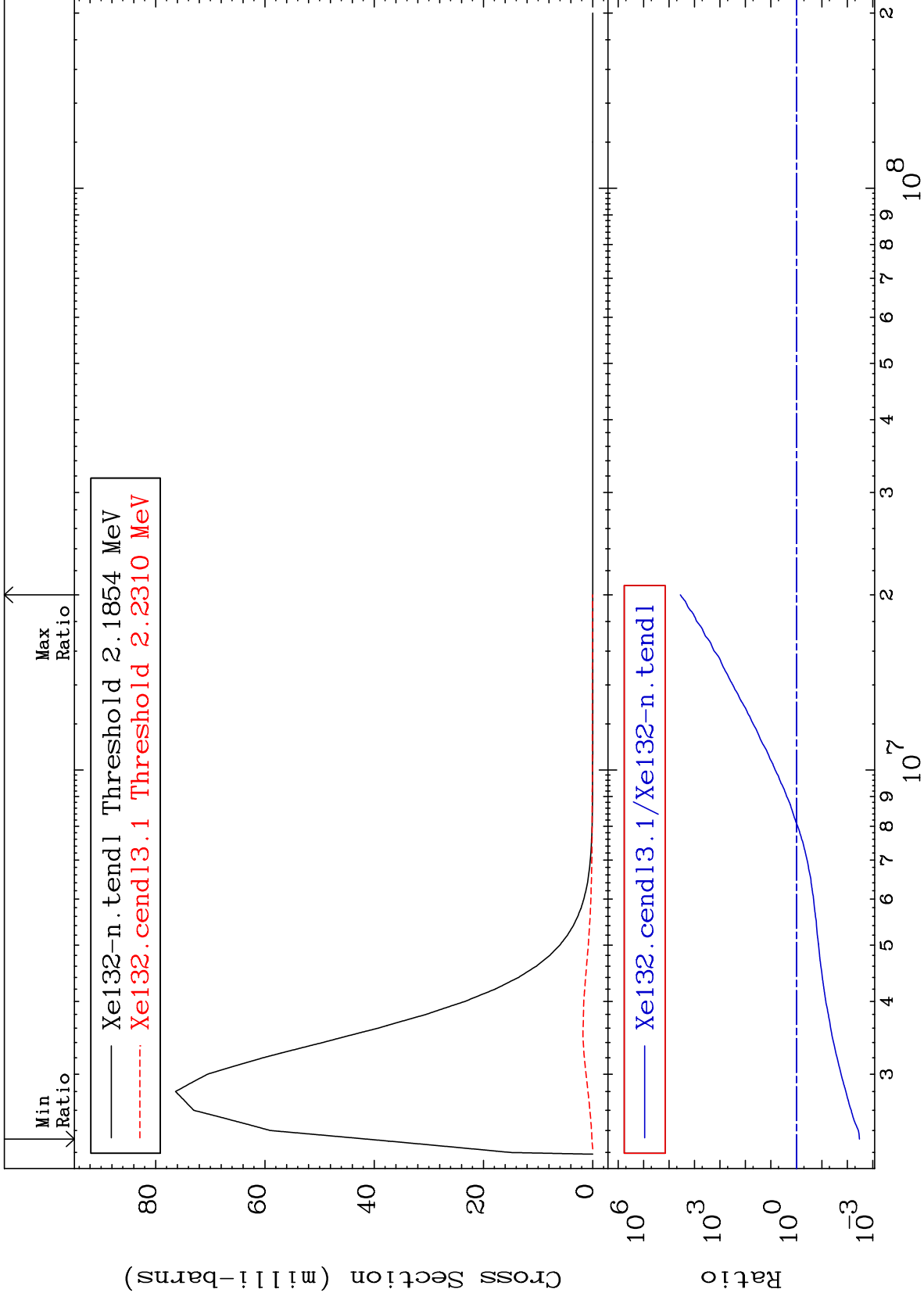
54-Xe-132
-34.34 To 9999. %



MAT 5449

2.169 MeV (n,n') Level
Cross Section

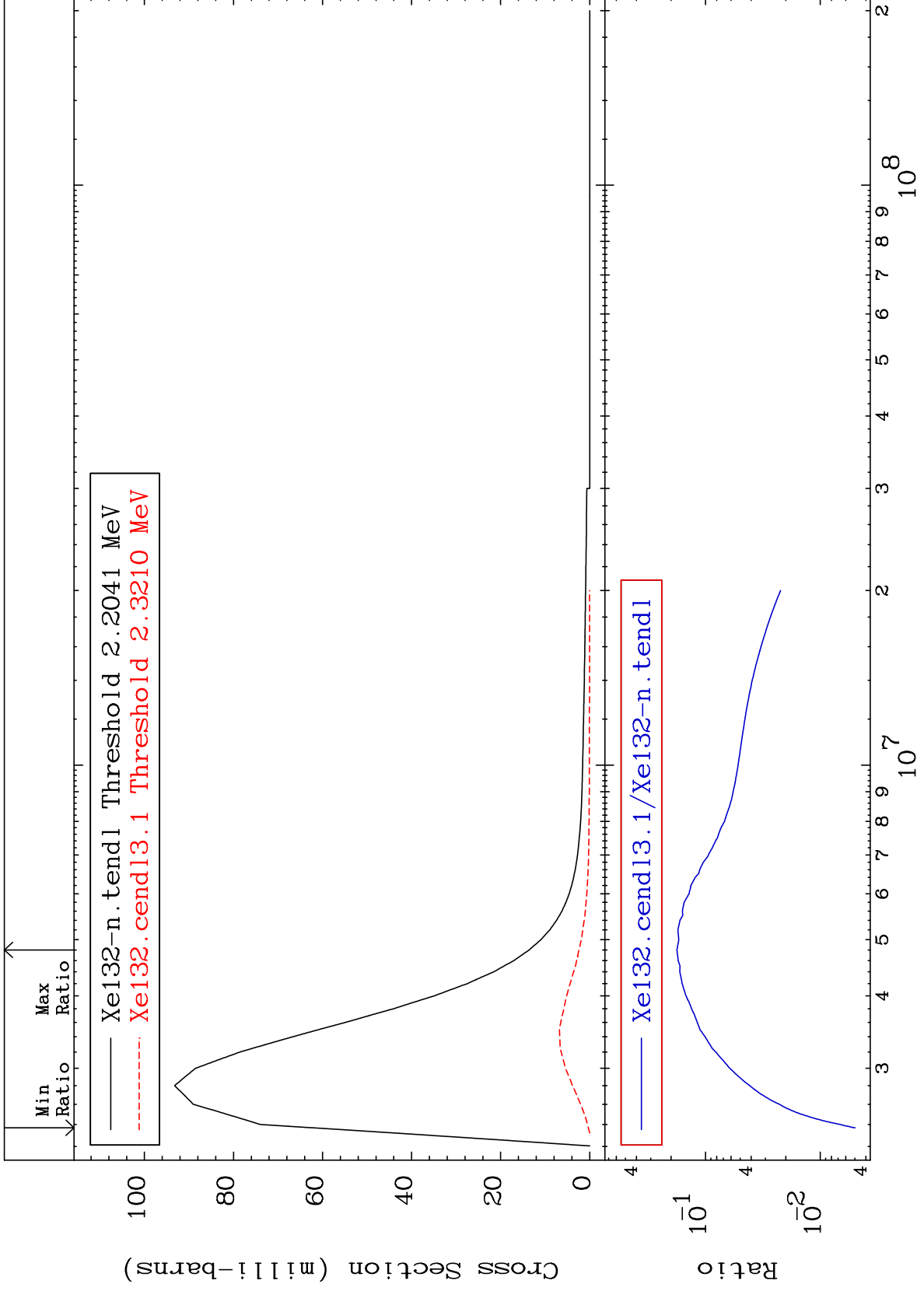
54-Xe-132
-99.67 To 9999. %



MAT 5449

2.187 MeV (n,n') Level
Cross Section

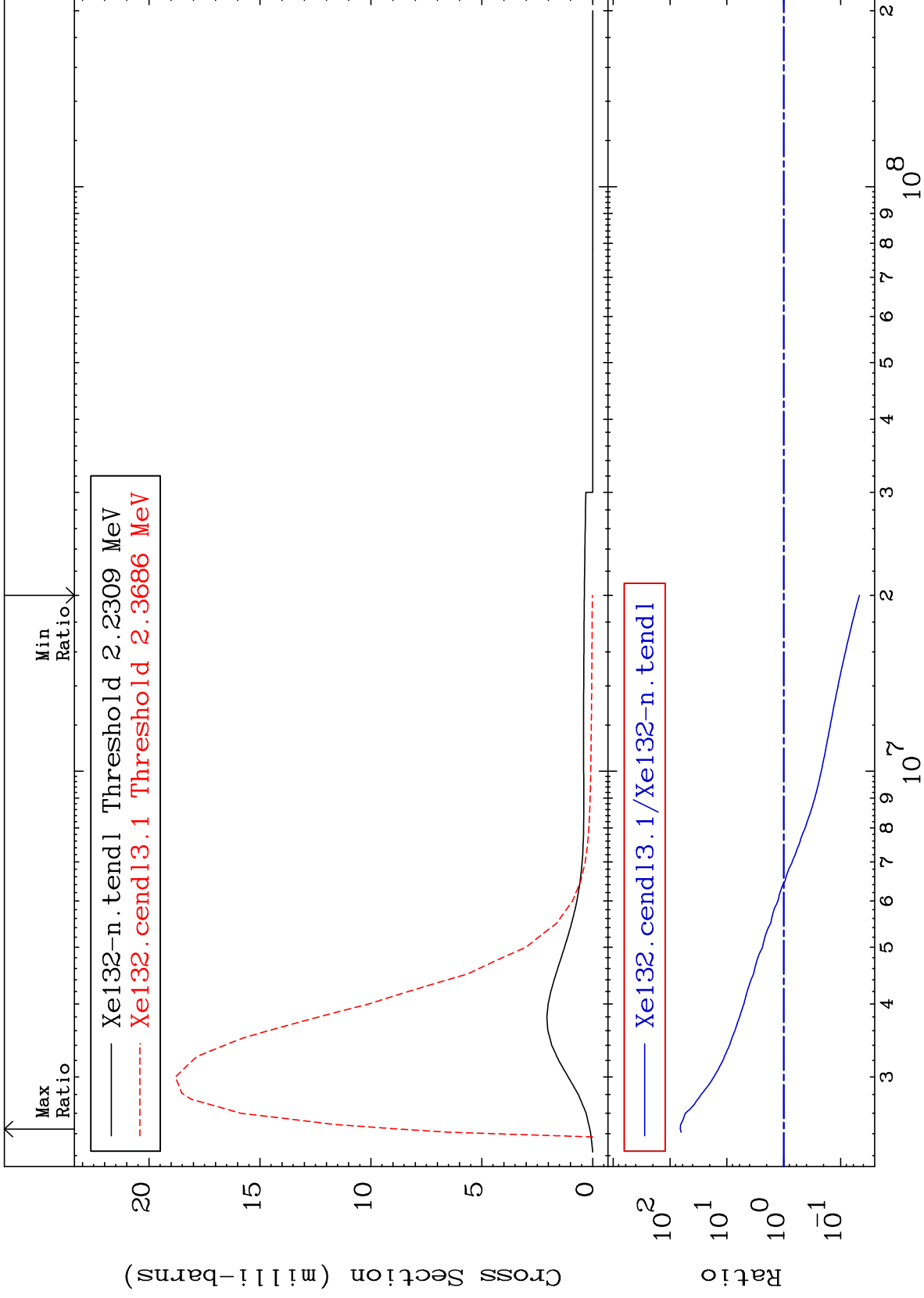
54-Xe-132
-99.50 To -82.23%



MAT 5449

2.214 MeV (n,n') Level
Cross Section

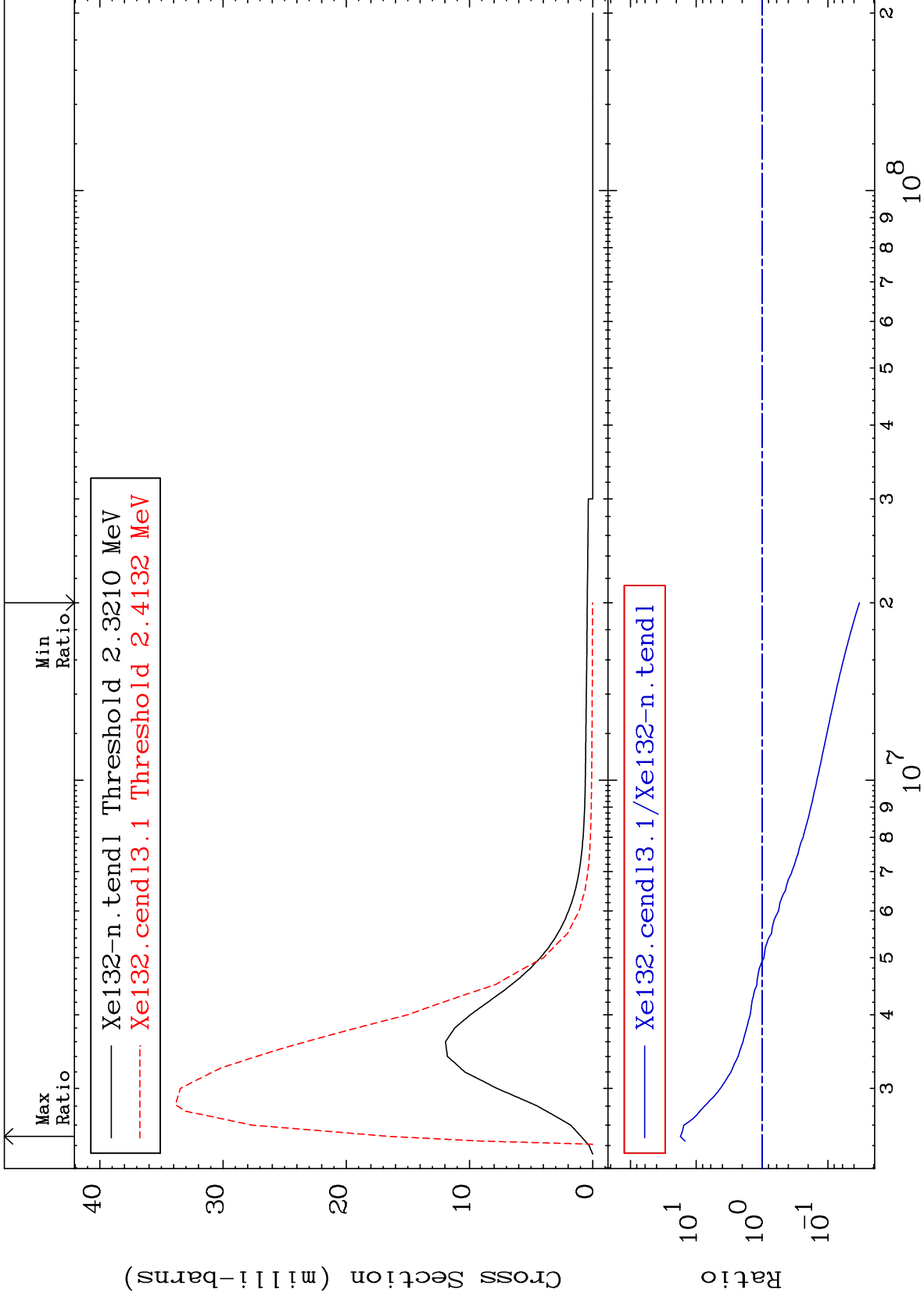
54-Xe-132
-95.31 To 6476. %



MAT 5449

2.303 MeV (n,n') Level
Cross Section

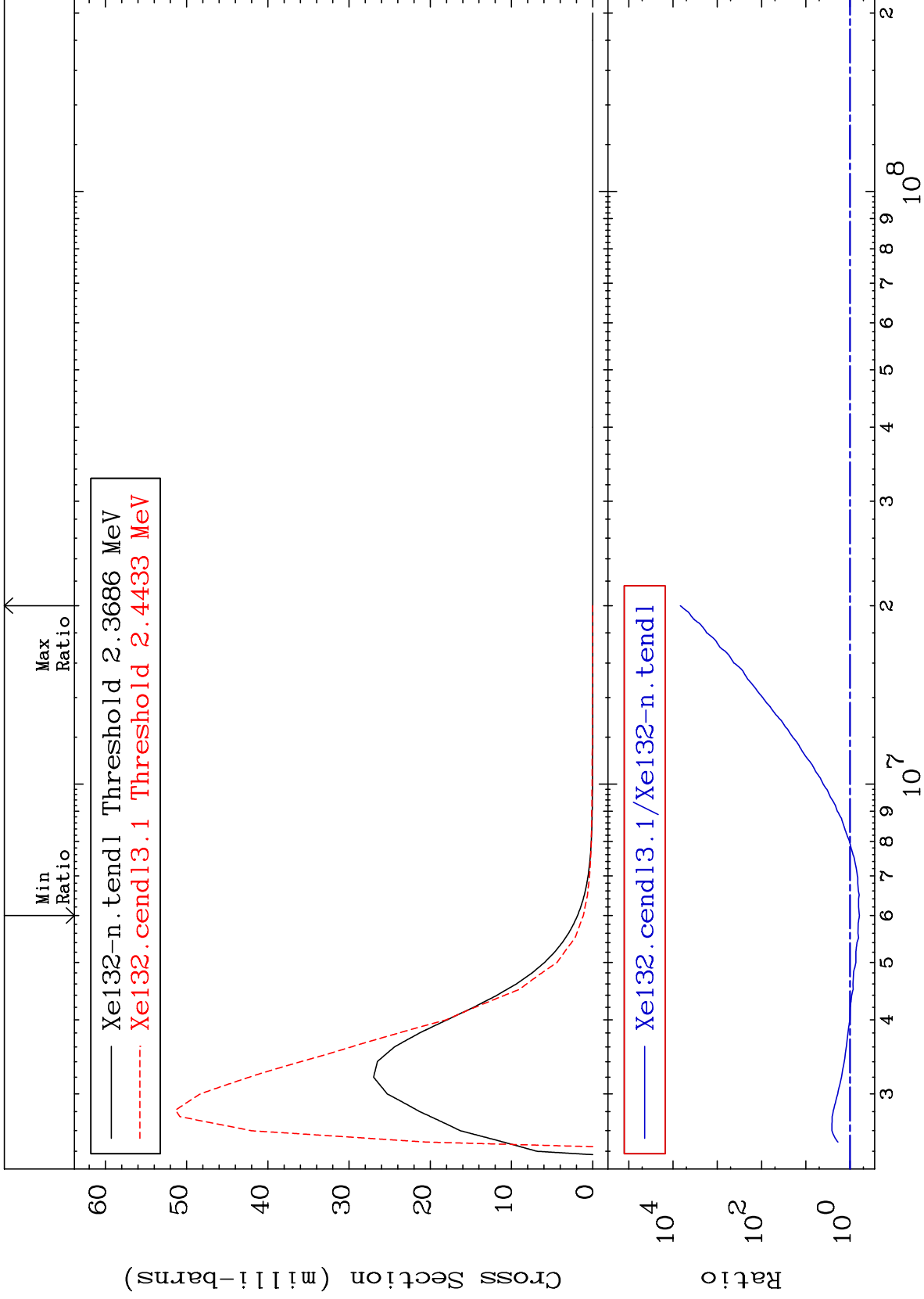
54-Xe-132
-96.68 To 1643. %



MAT 5449

2.351 MeV (n,n') Level
Cross Section

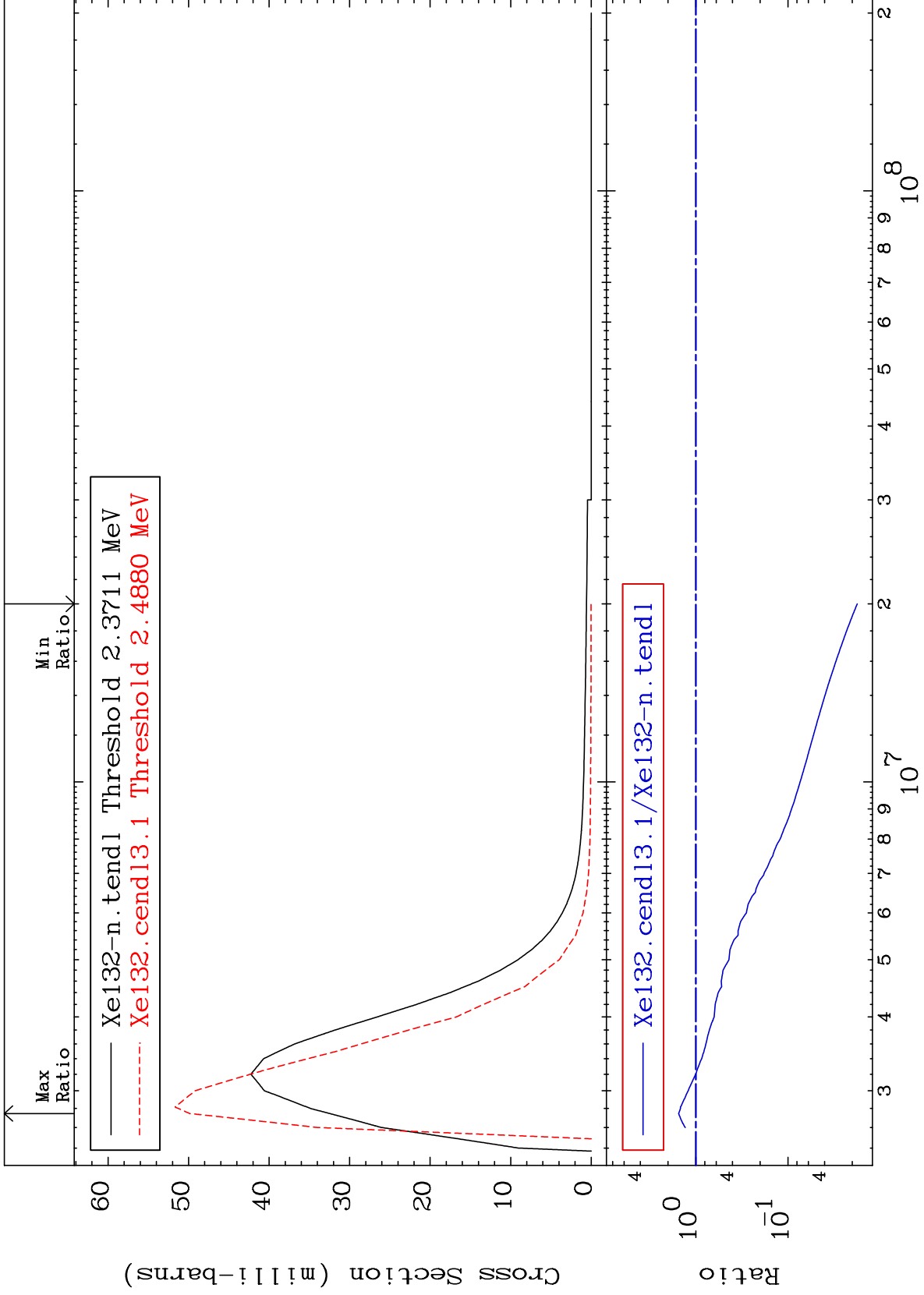
54-Xe-132
-38.46 To 9999. %

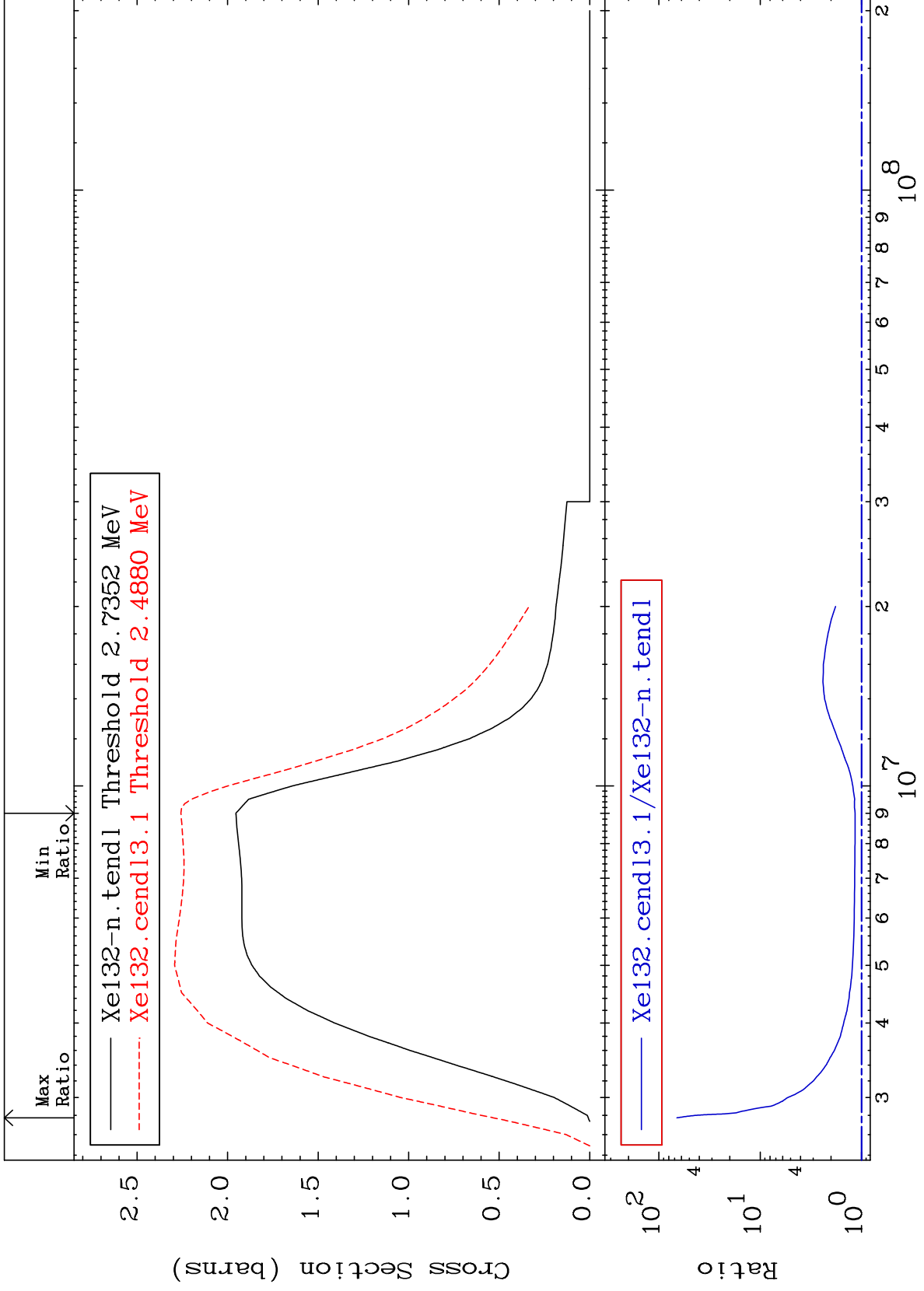


MAT 5449

2.353 MeV (n,n') Level
Cross Section

54-Xe-132
-98.23 To 53.54 %

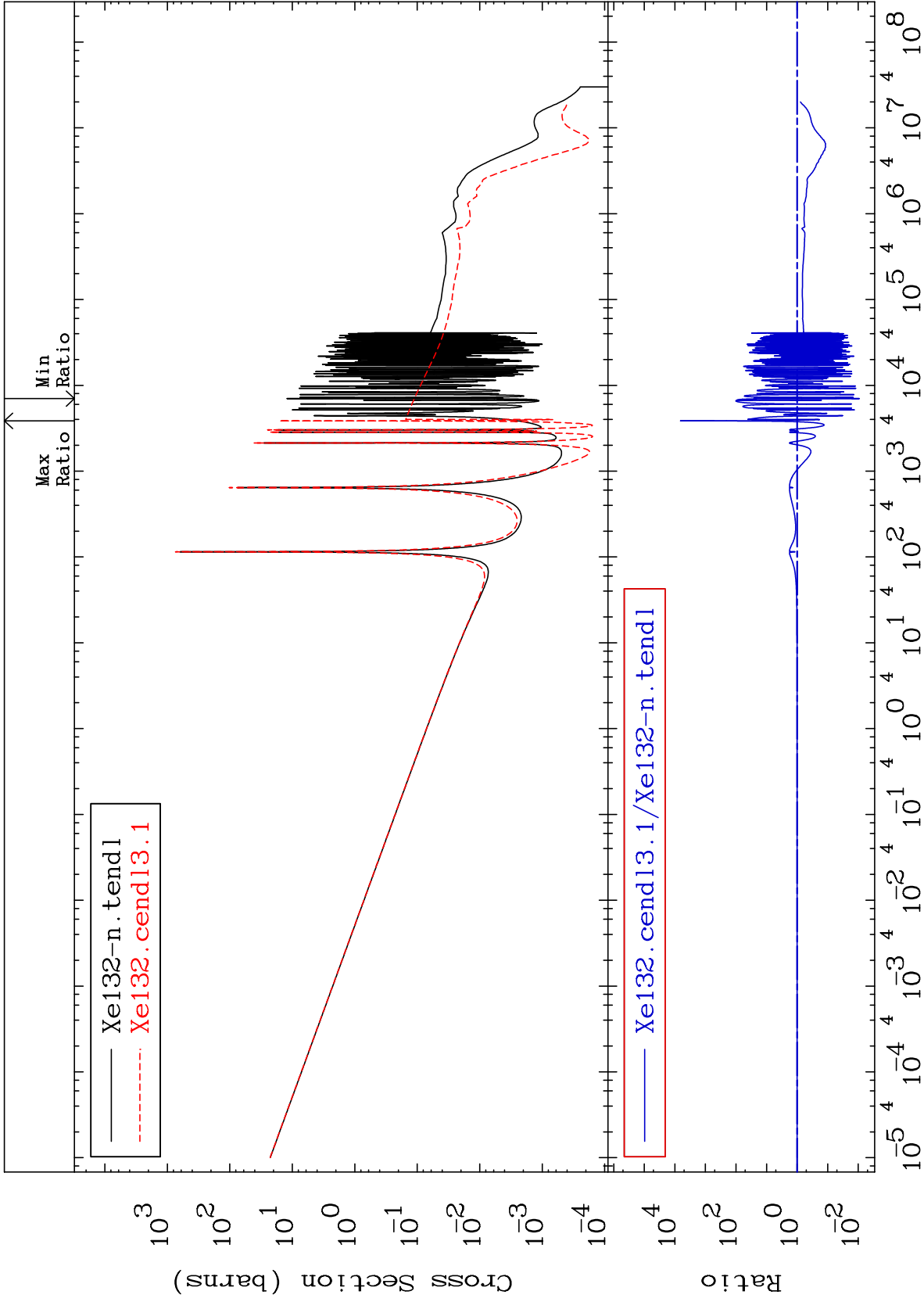




MAT 5449

(n, γ)
Cross Section

54-Xe-132
-99.08 To 9999. %



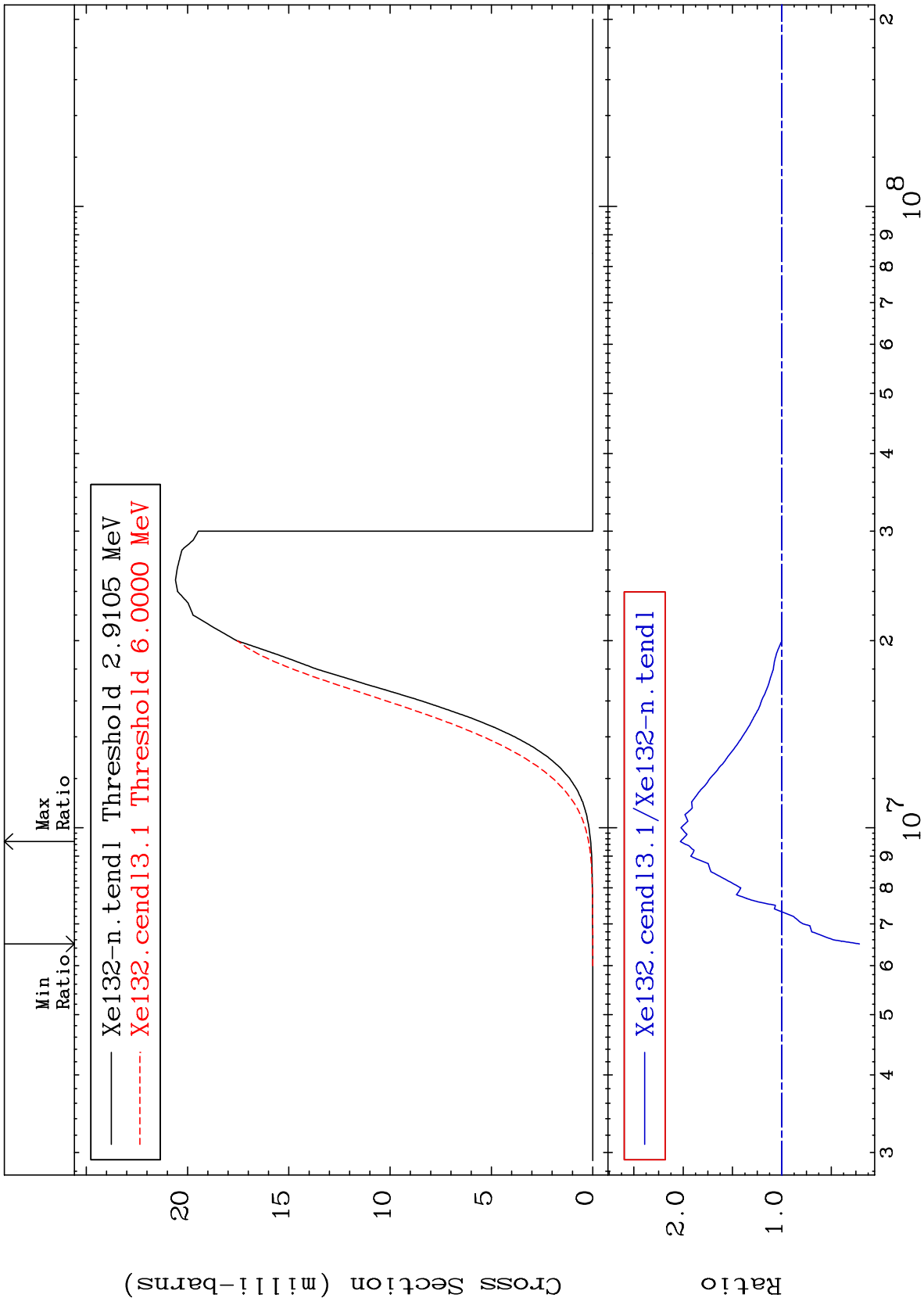
MAT 5449

(n,p)

54-Xe-132

Cross Section

-78.63 To 102.9 %



27

Incident Energy (eV)

54-Xe-132

MAT 5449

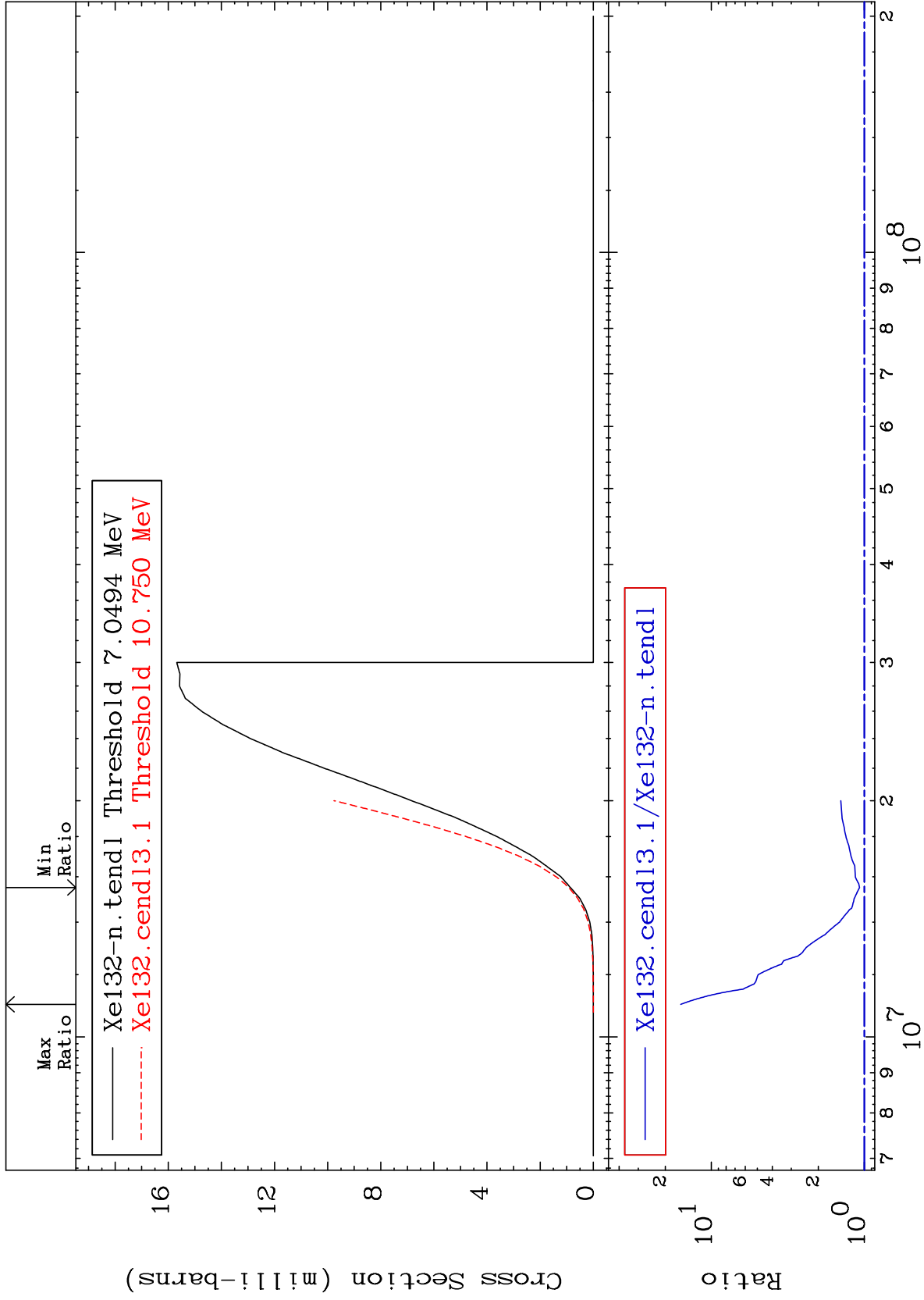
(n, d)

54-Xe-132

Cross Section

7.563

To 1483. %



28

Incident Energy (eV)

54-Xe-132

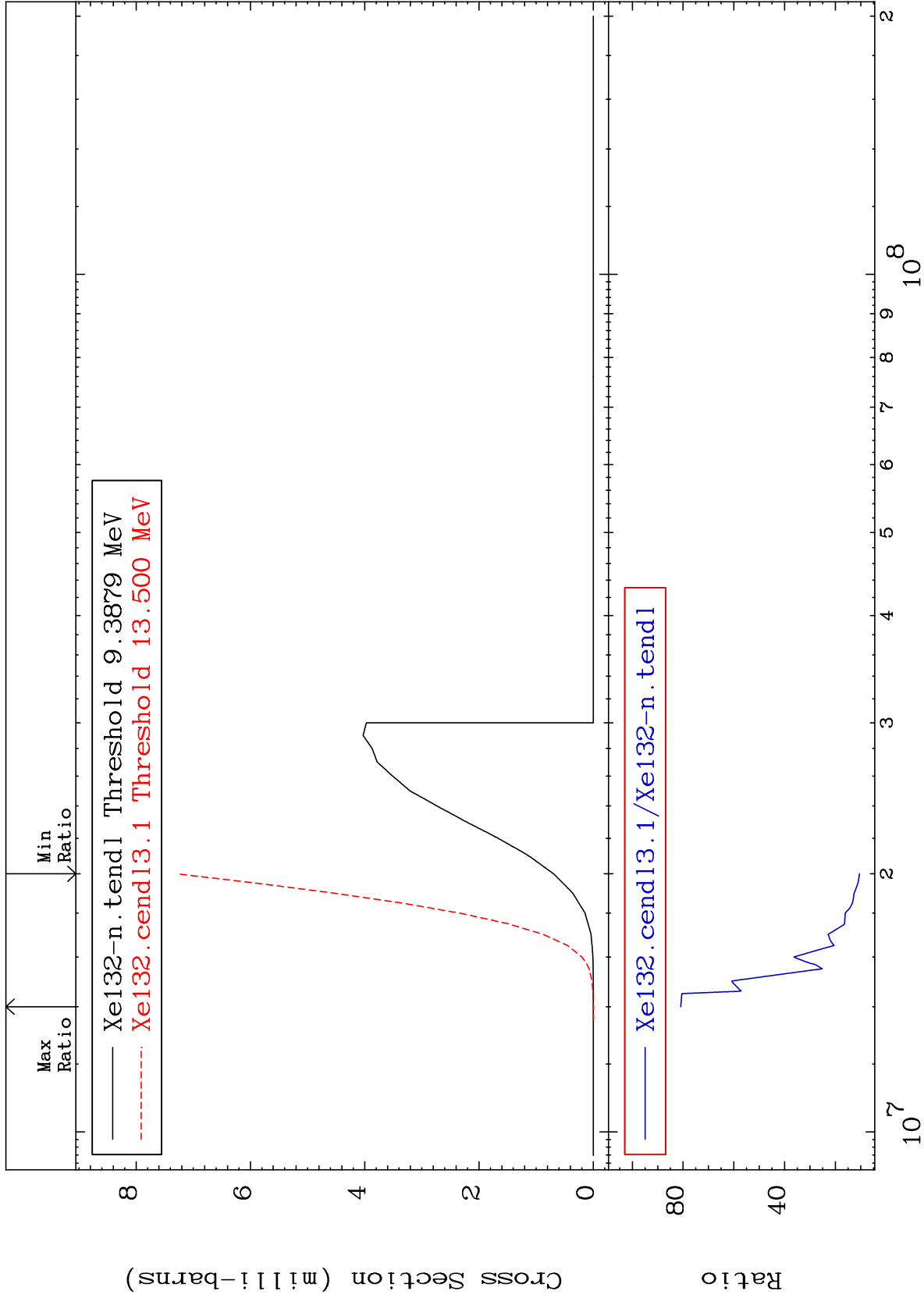
MAT 5449

(n, t)

54-Xe-132

Cross Section

949.1 To 7992. %



29

Incident Energy (eV)

54-Xe-132

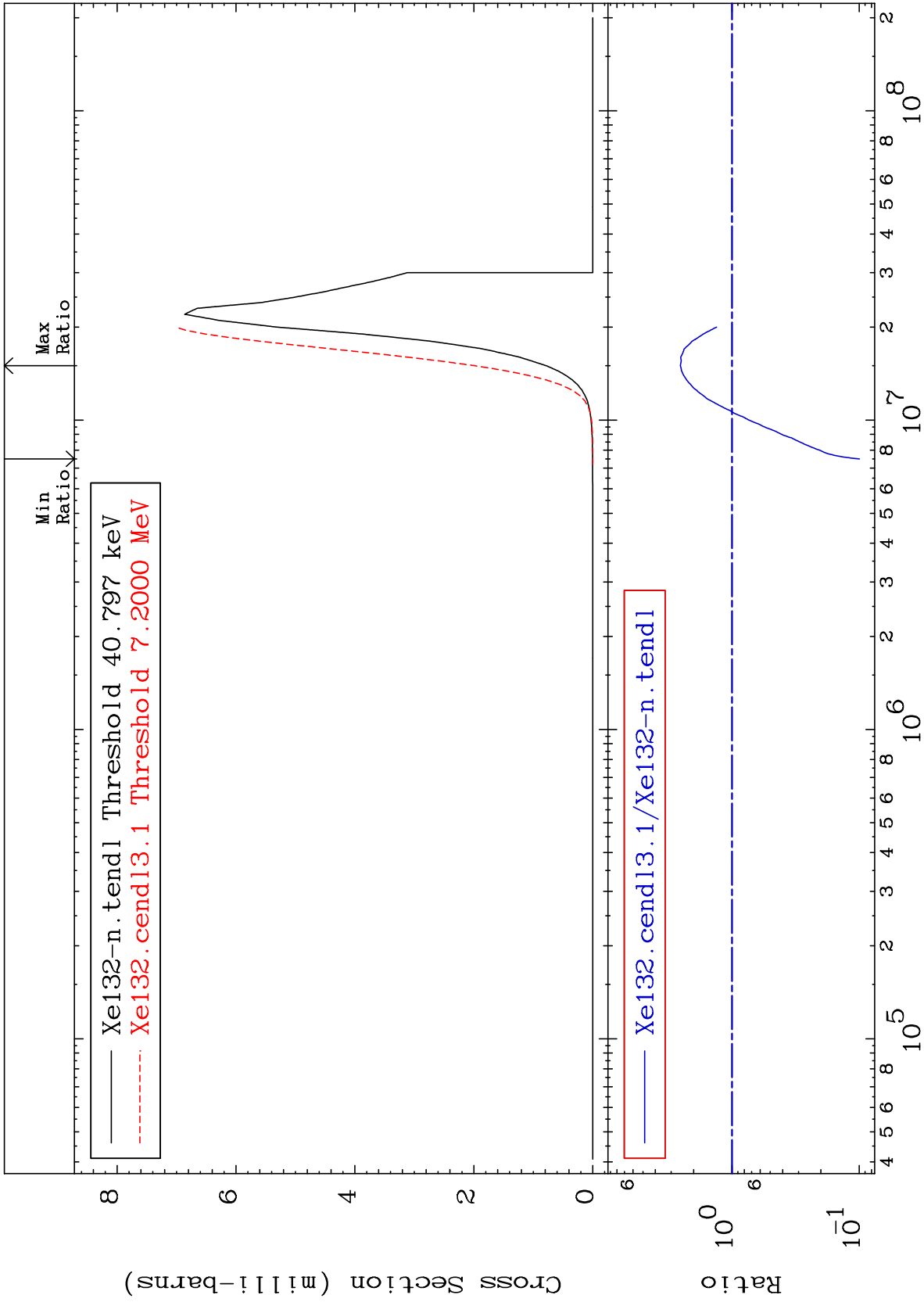
MAT 5449

(n, α)

54-Xe-132

Cross Section

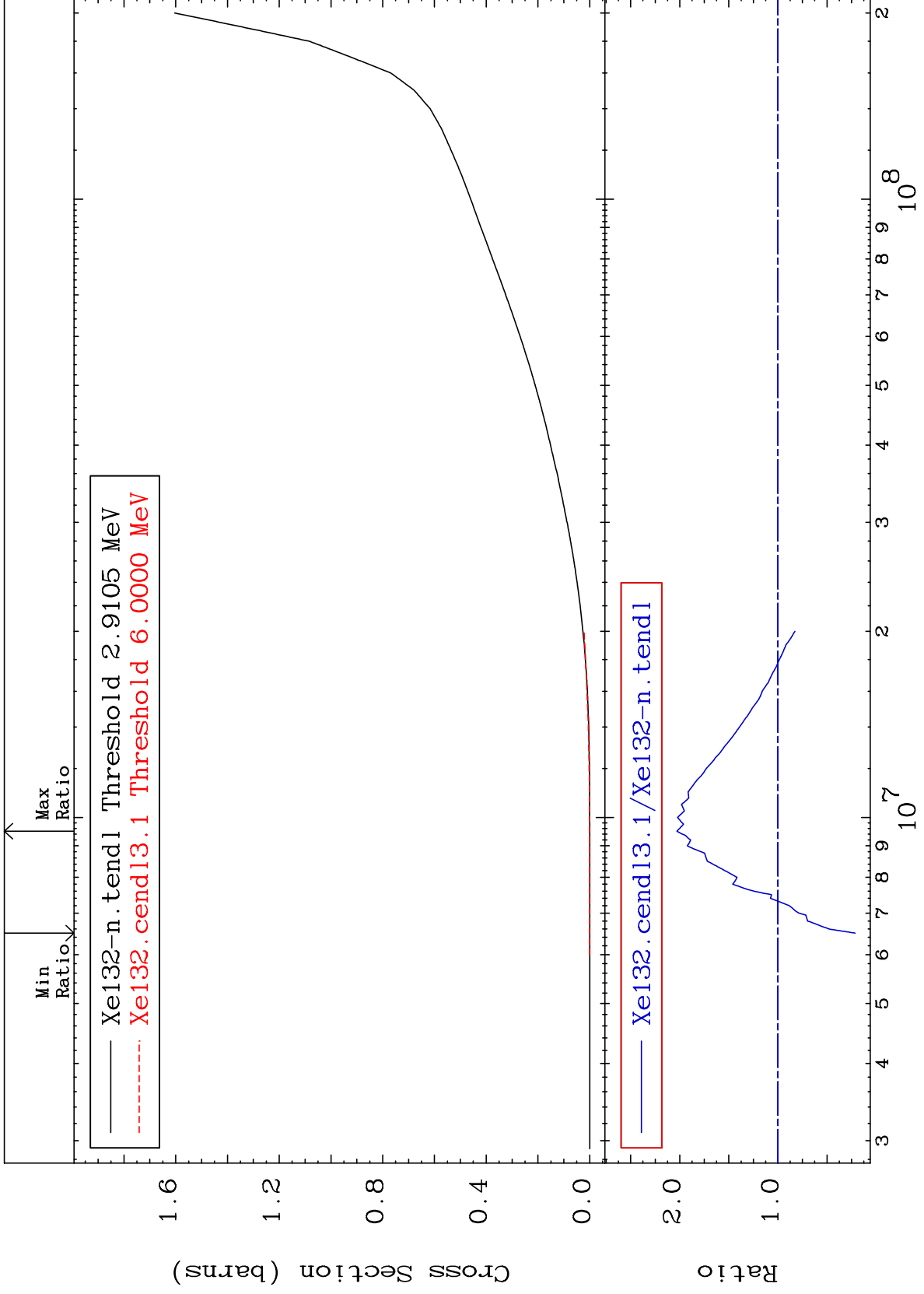
-90.03 To 154.2 %



MAT 5449

Hydrogen Production
Cross Section

54-Xe-132
-78.63 To 102.9 %



31

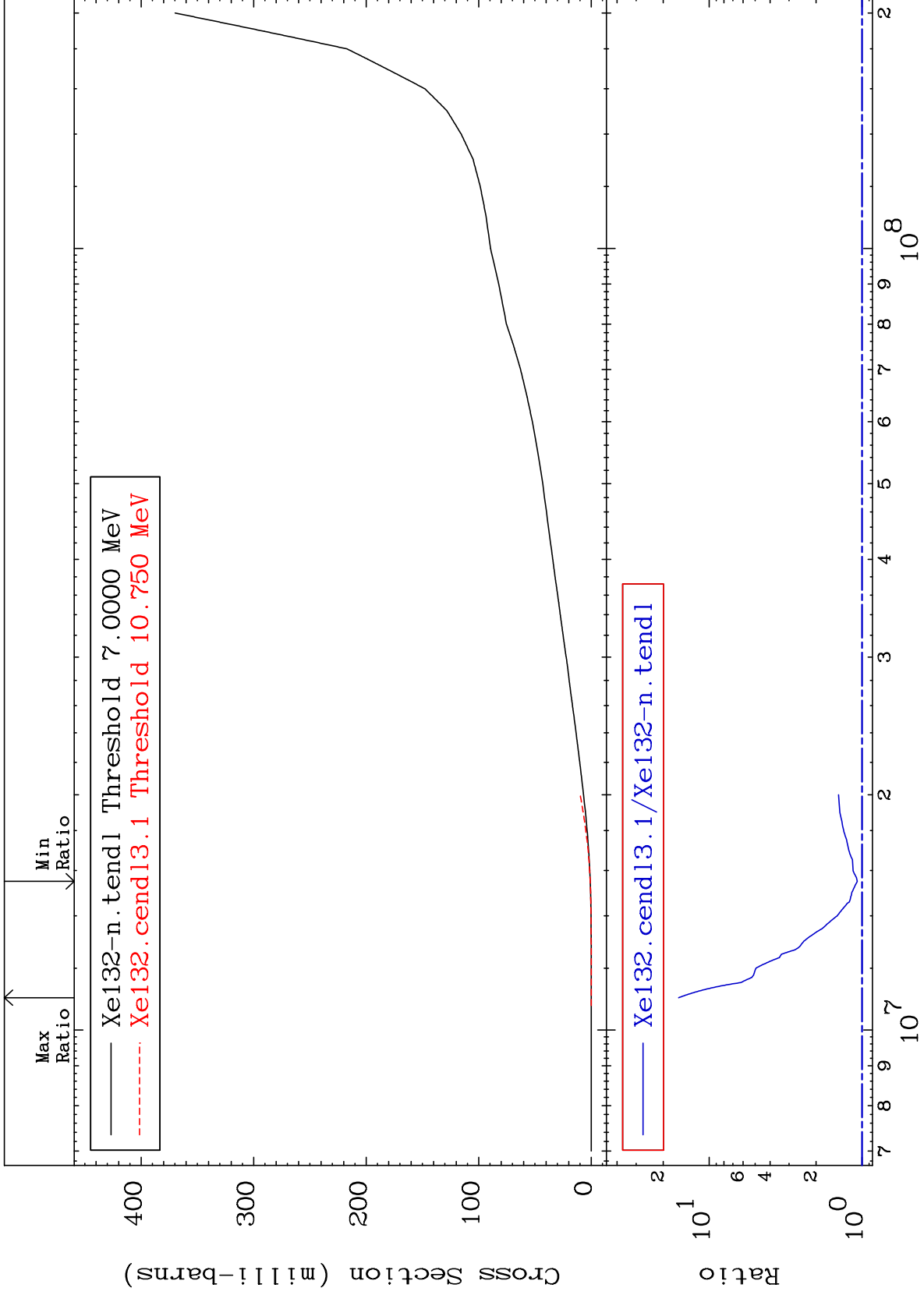
Incident Energy (eV)

54-Xe-132

MAT 5449

Deuterium Production
Cross Section

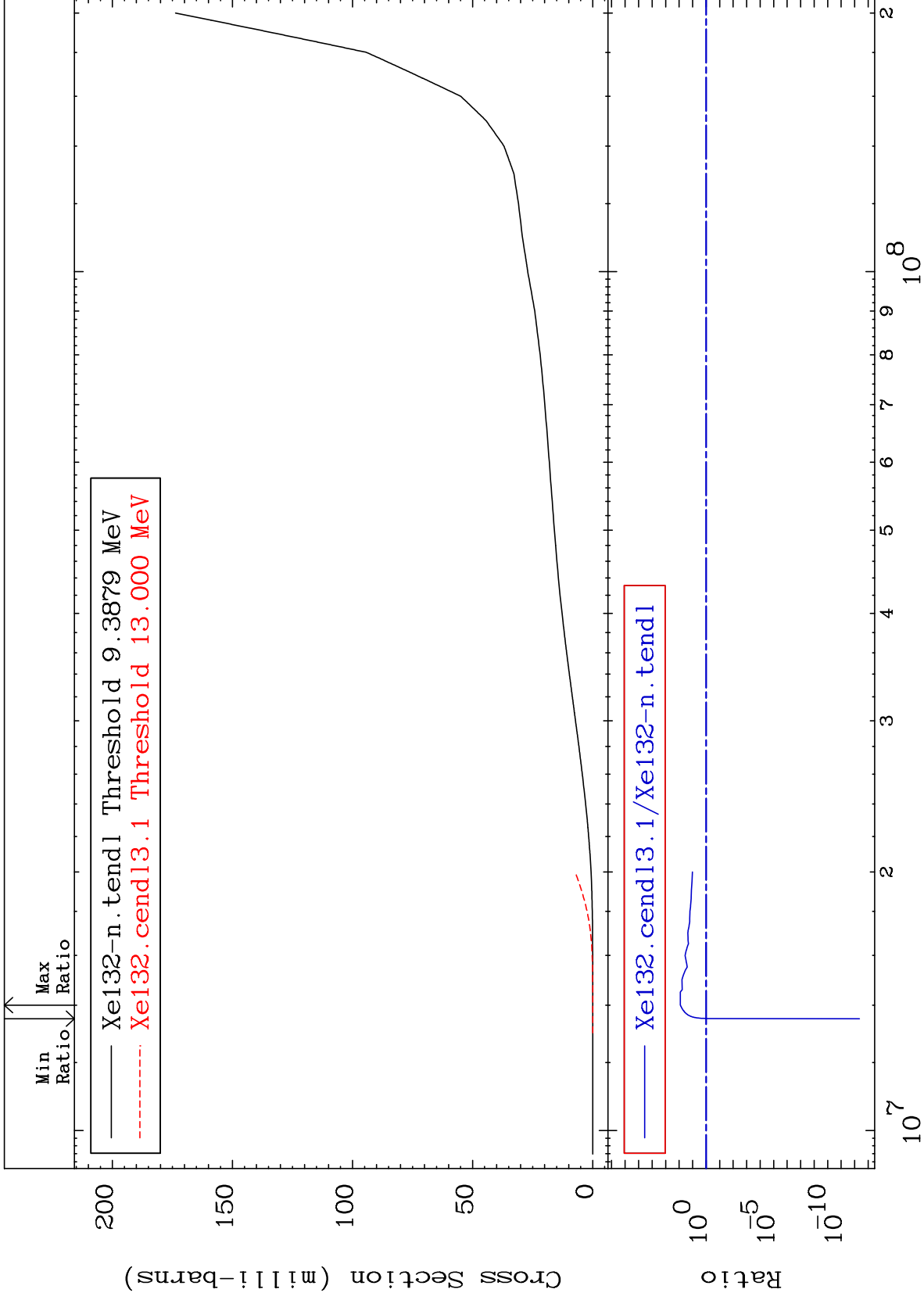
54-Xe-132
7.563 To 1483. %



MAT 5449

Tritium Production
Cross Section

54-Xe-132
-100.0 To 7992. %



33

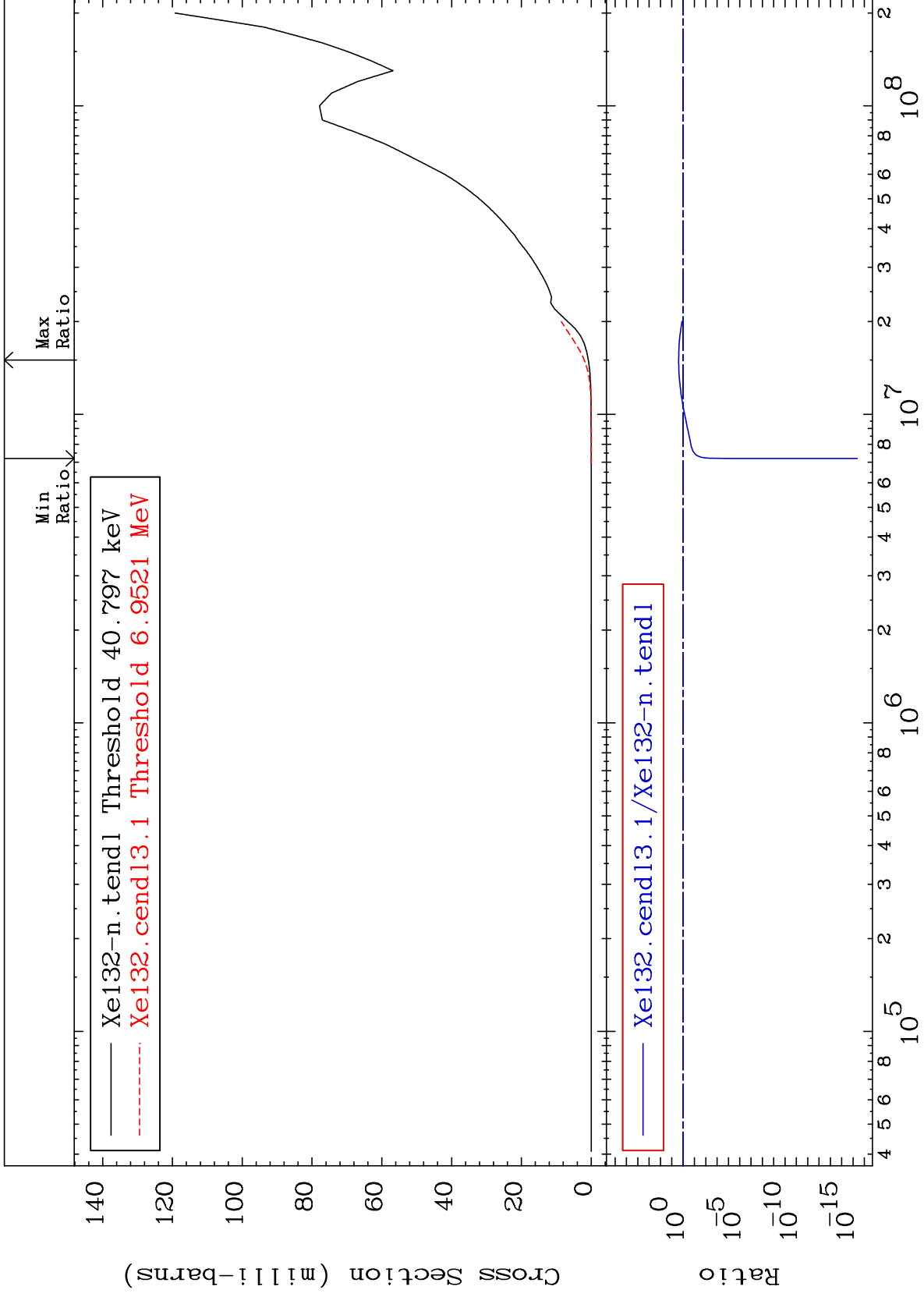
Incident Energy (eV)

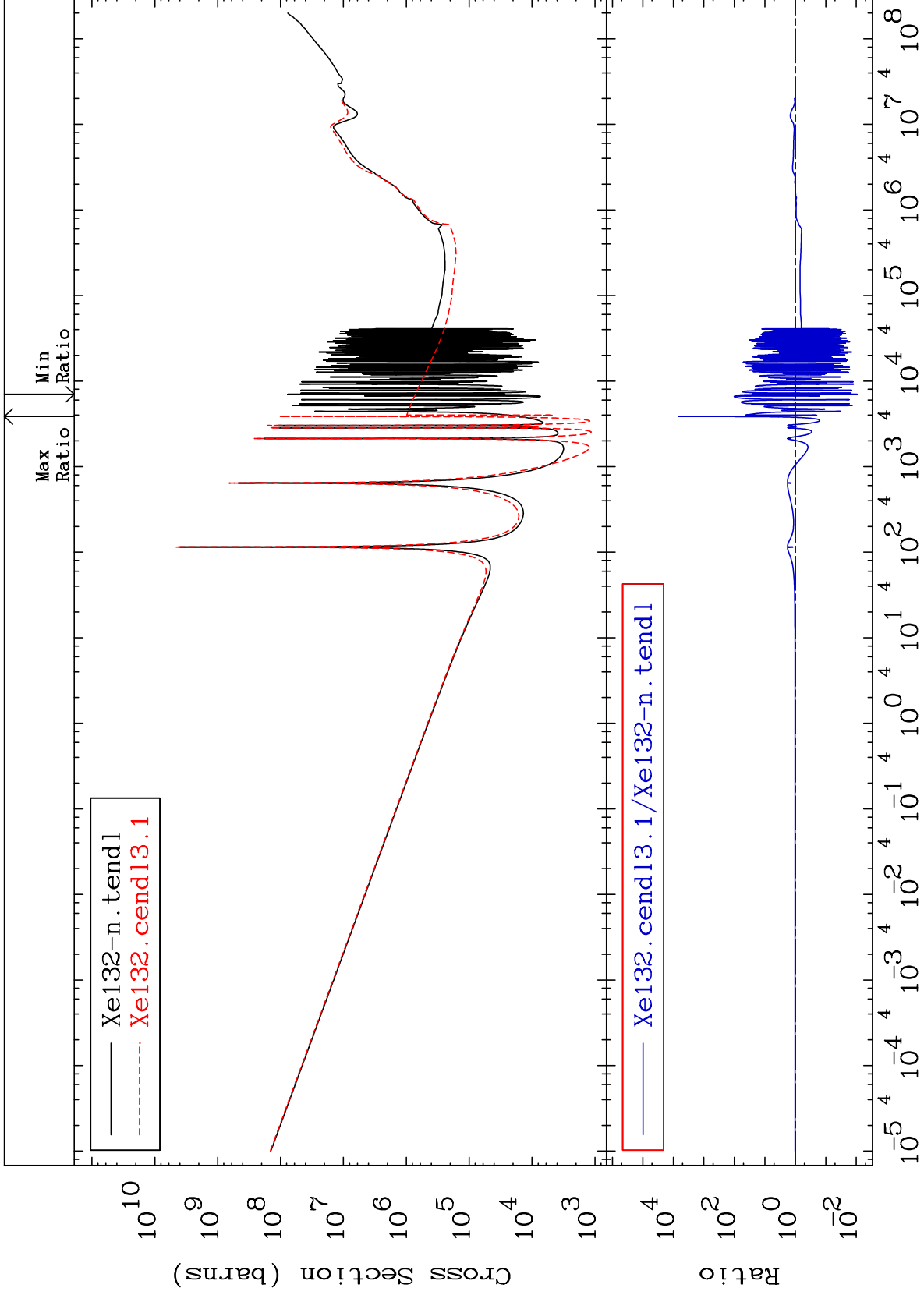
54-Xe-132

MAT 5449

He-4 Production
Cross Section

54-Xe-132
-100.0 To 146.8 %

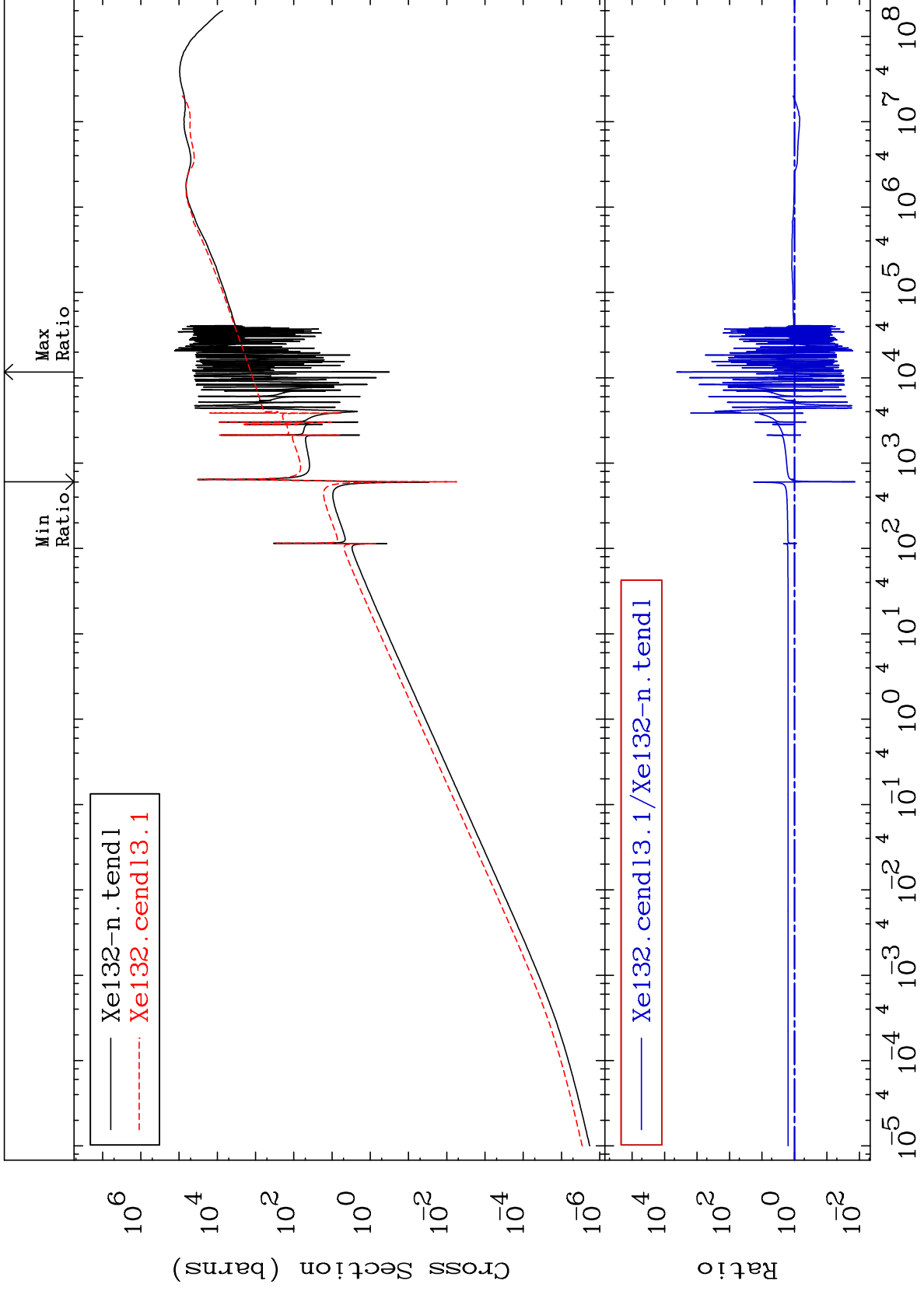


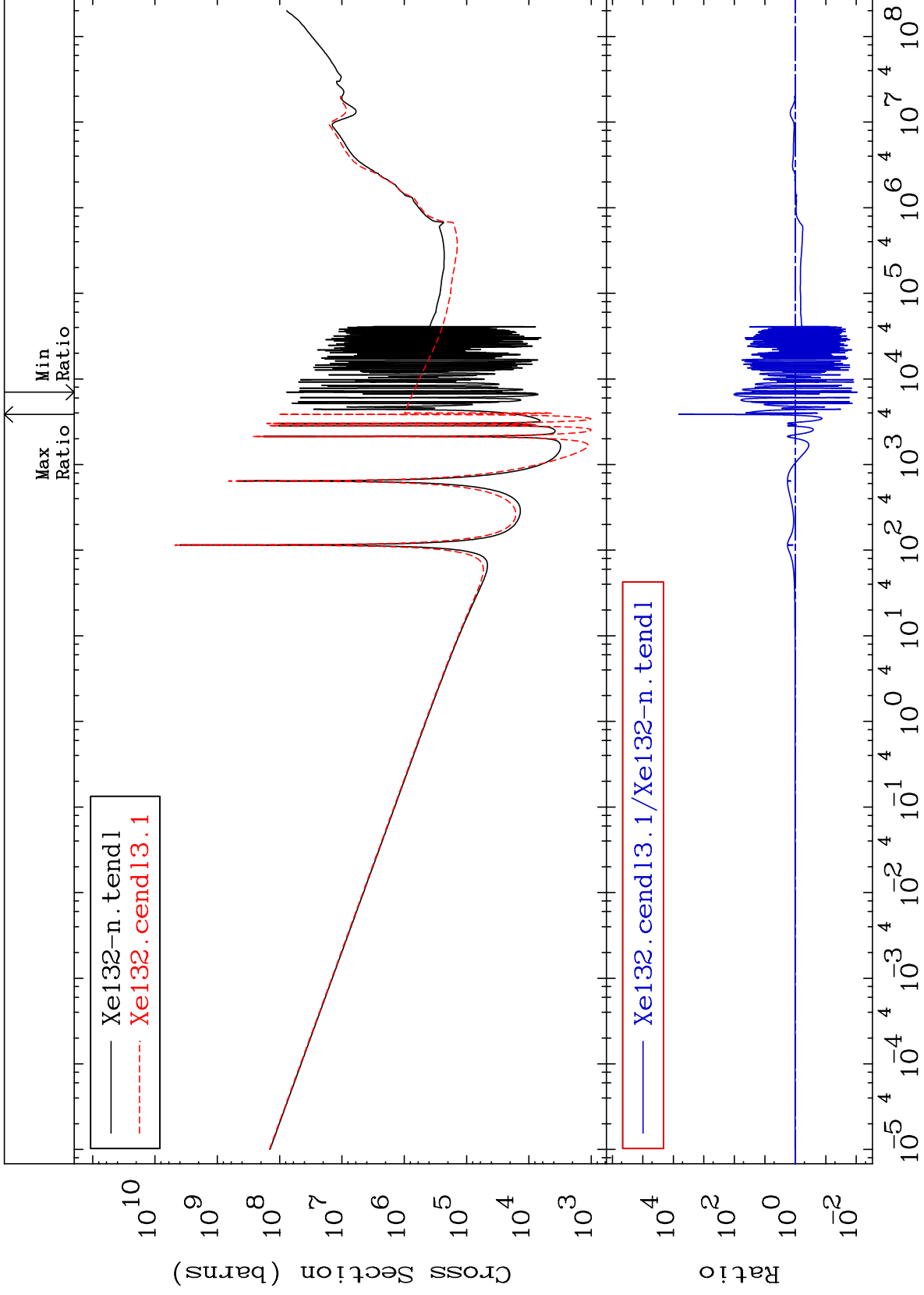


MAT 5449

Kerma elastic
Cross Section

54-Xe-132
-98.64 To 9999. %

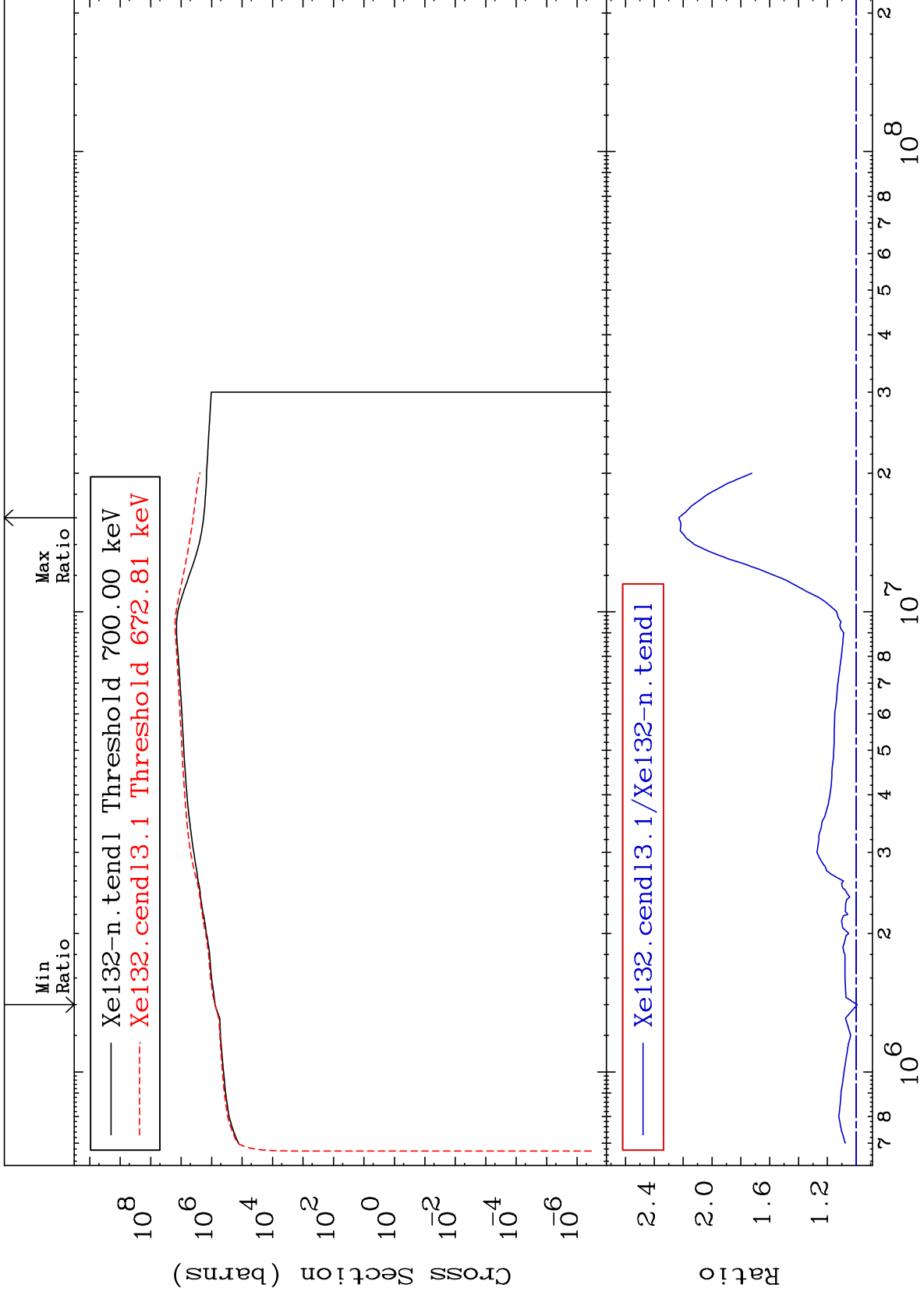




MAT 5449

Kerma inelastic (mt51-91)
Cross Section

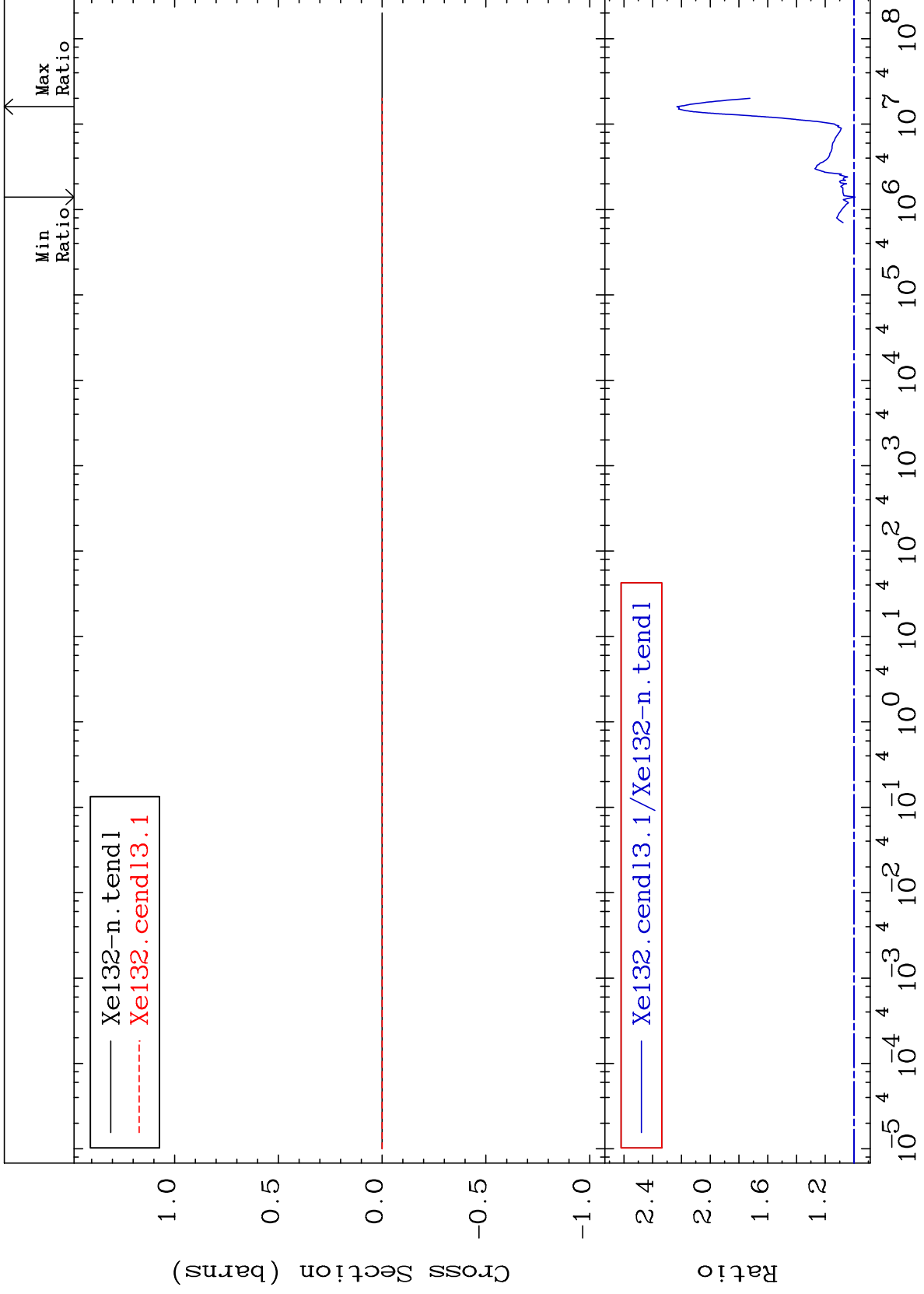
54-Xe-132
-0.730 To 123.1 %



MAT 5449

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

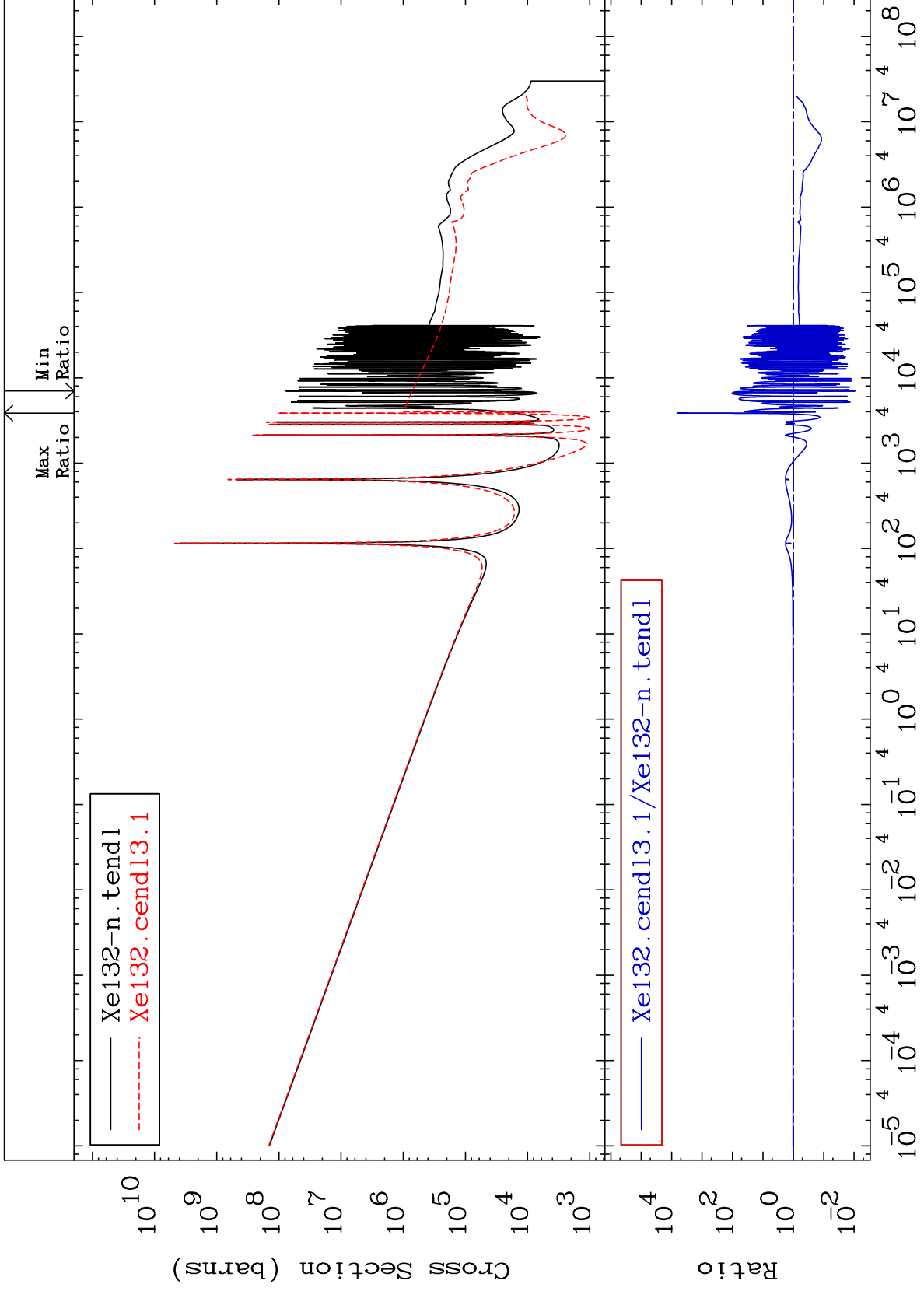
54-Xe-132
-0.730 To 123.1 %



MAT 5449

Kerma capture (mt102)
Cross Section

54-Xe-132
-99.07 To 9999. %



40

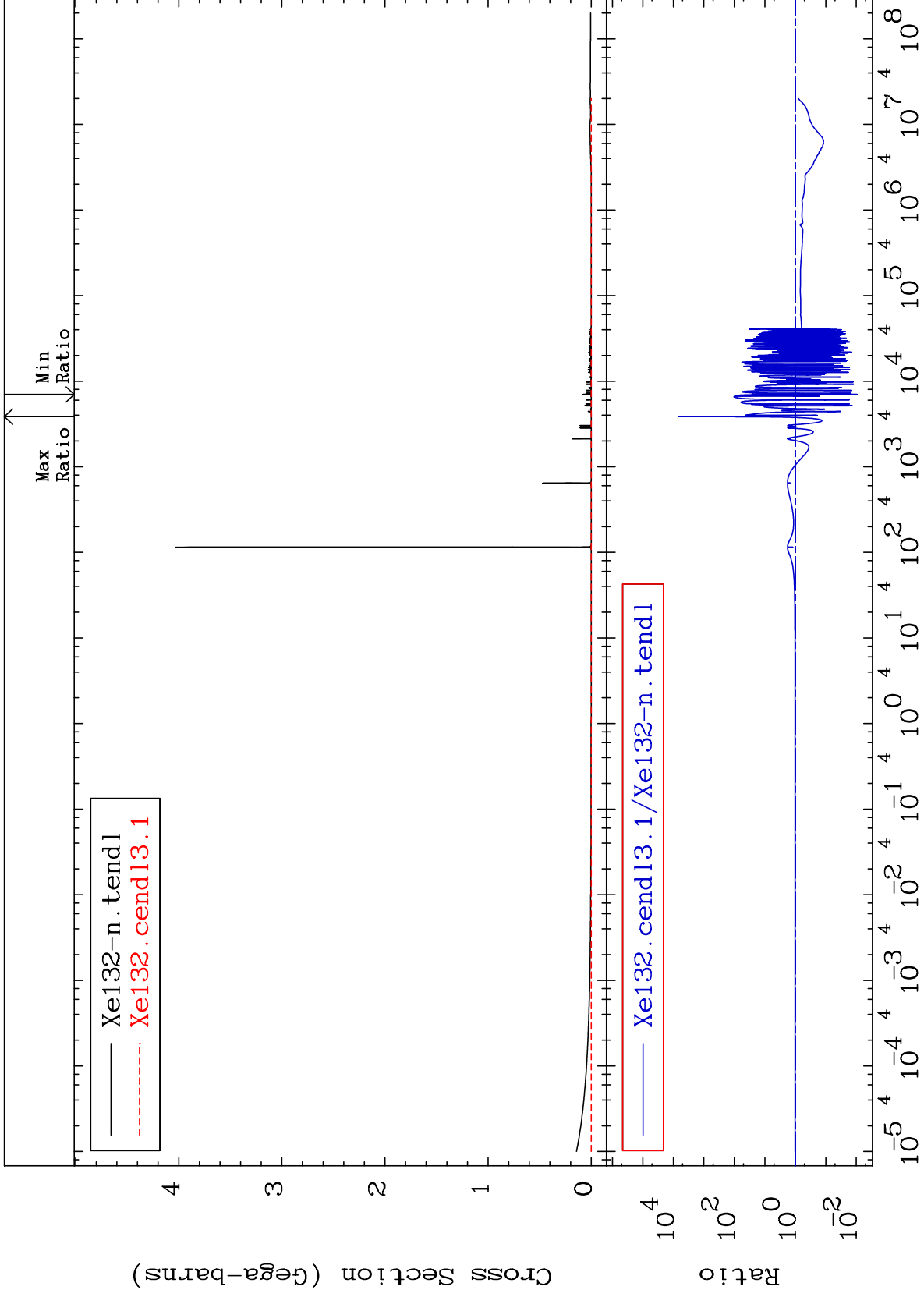
Incident Energy (eV)

54-Xe-132

MAT 5449

Total photon (eV-barns)
Cross Section

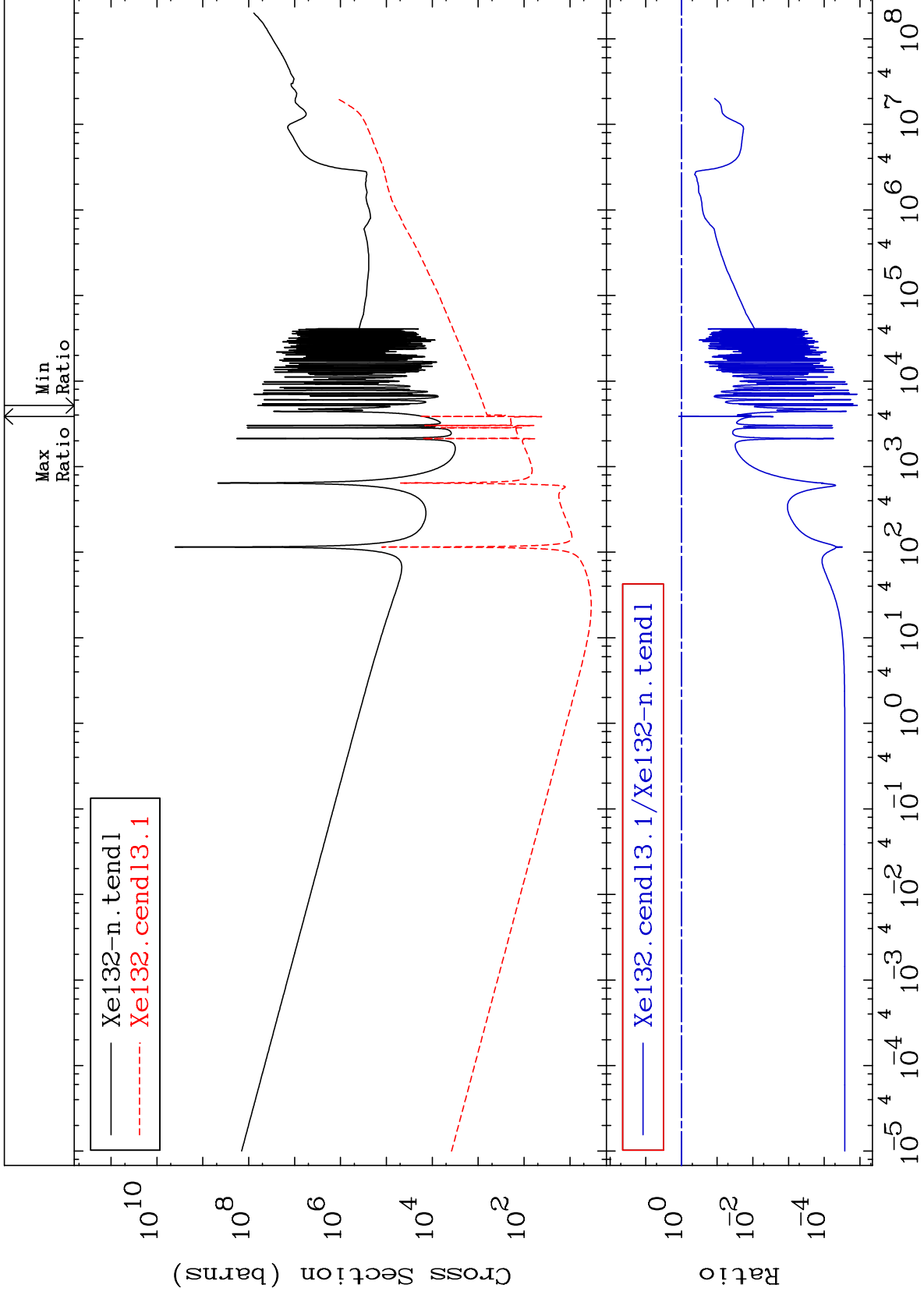
54-Xe-132
-99.07 To 9999. %



41

Incident Energy (eV)

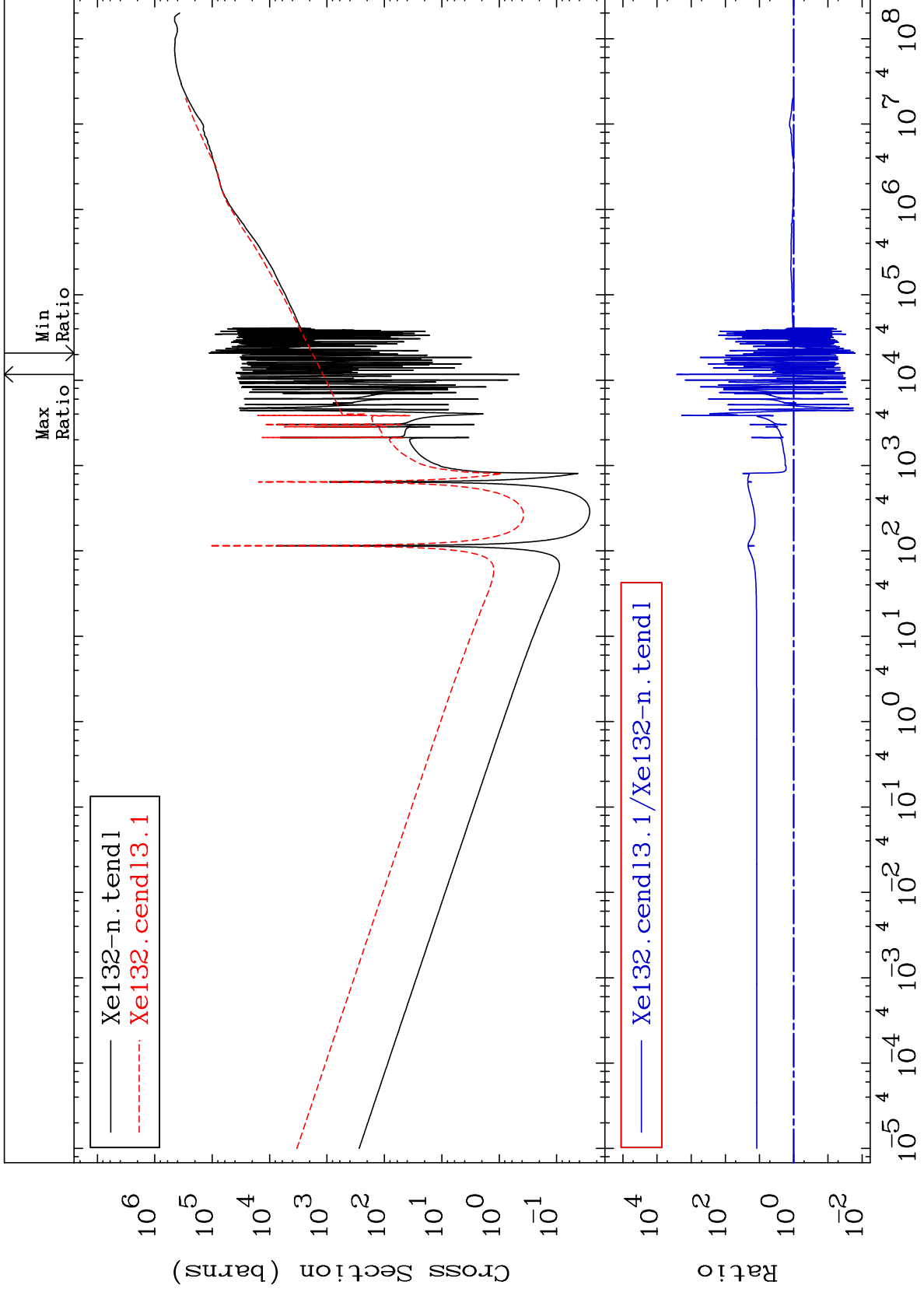
54-Xe-132



MAT 5449

Dpa total (eV-barns)
Cross Section

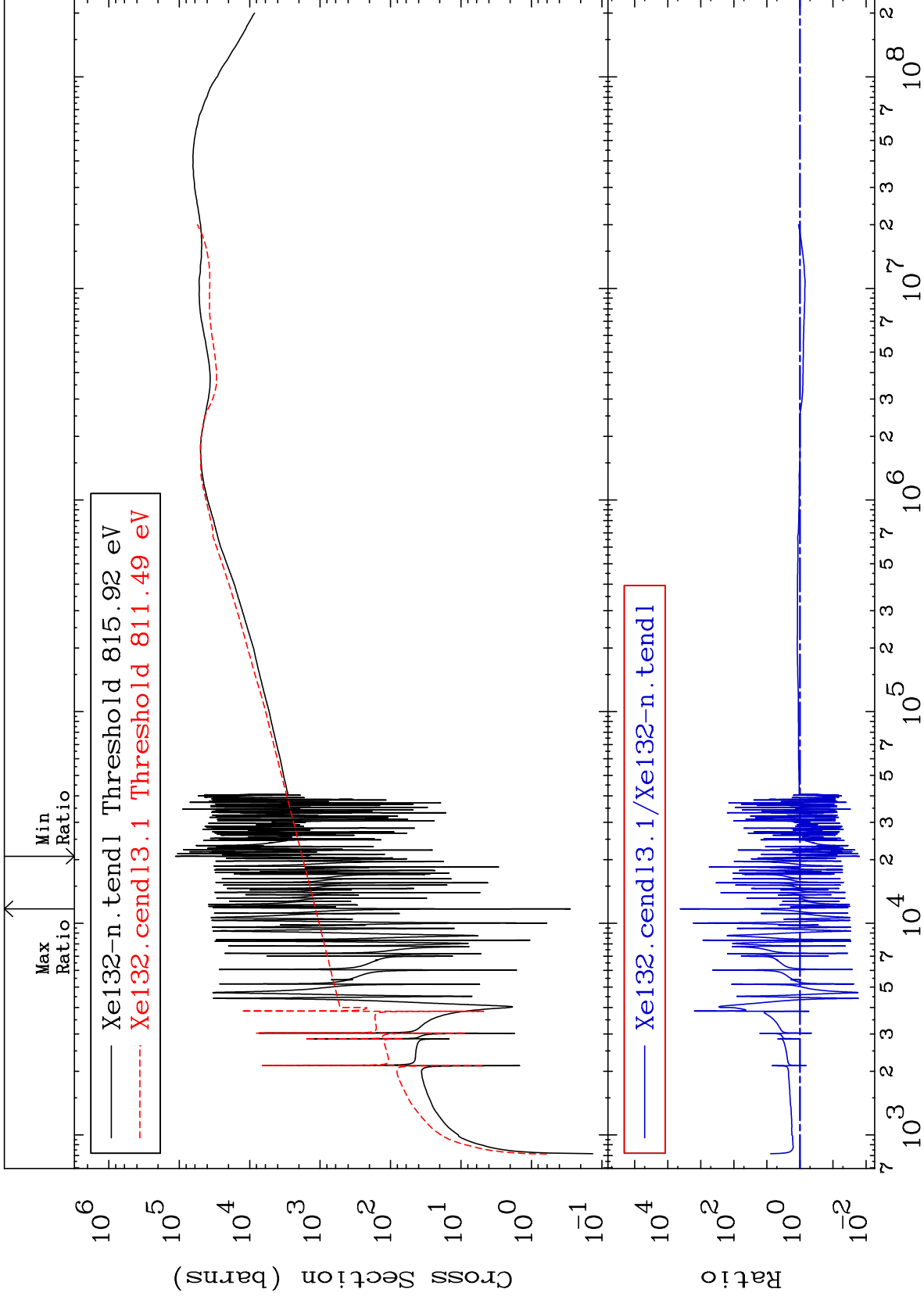
54-Xe-132
-98.40 To 9999. %



MAT 5449

Dpa elastic (mt2)
Cross Section

54-Xe-132
-98.41 To 9999. %



44

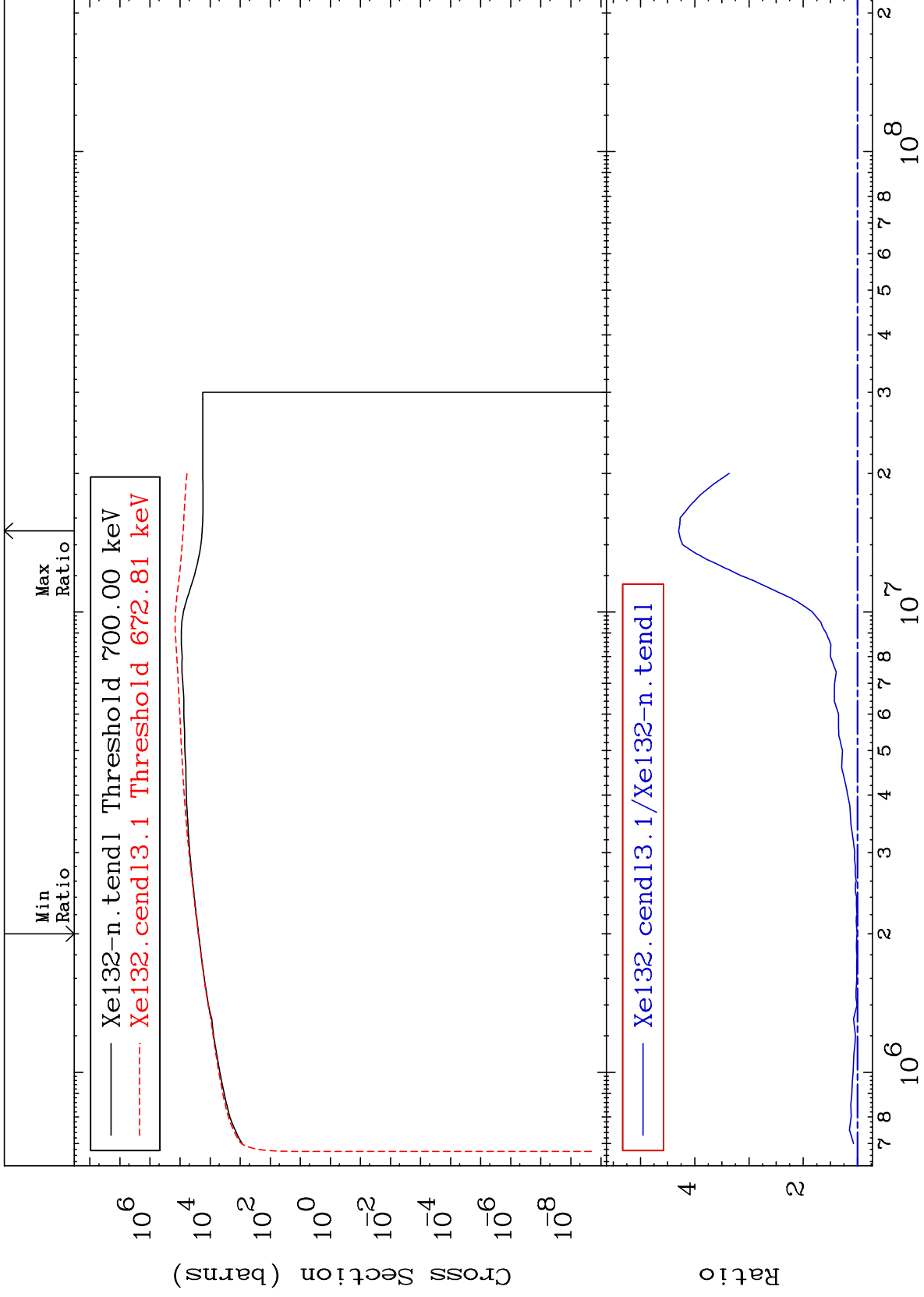
Incident Energy (eV)

54-Xe-132

MAT 5449

Dpa inelastic (mt51-91)
Cross Section

54-Xe-132
0.549 To 329.7 %



MAT 5449

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-132
-84.08 To 9999. %

