

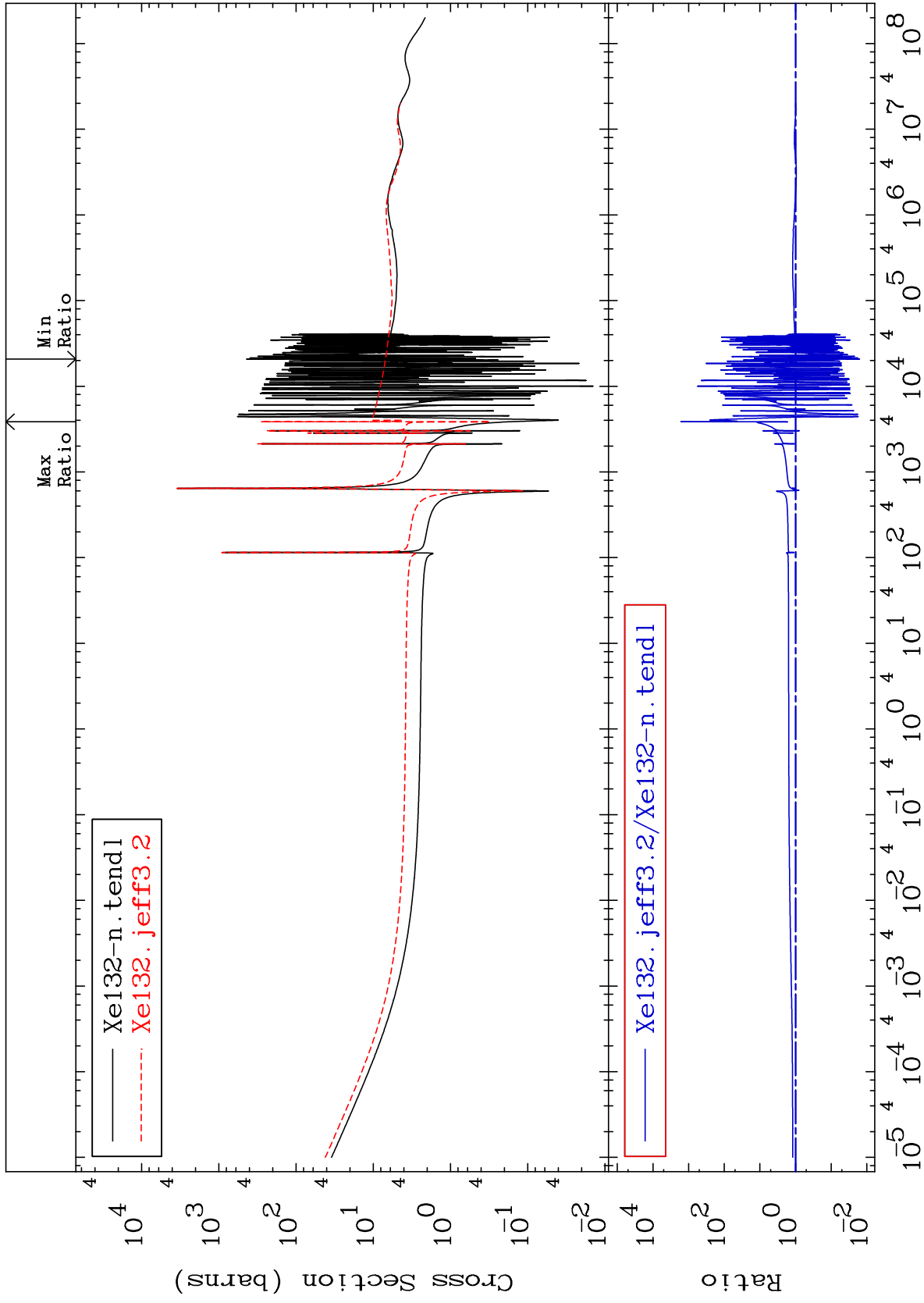
MAT 5449

Total

54-Xe-132

Cross Section

-98.40 To 9999. %



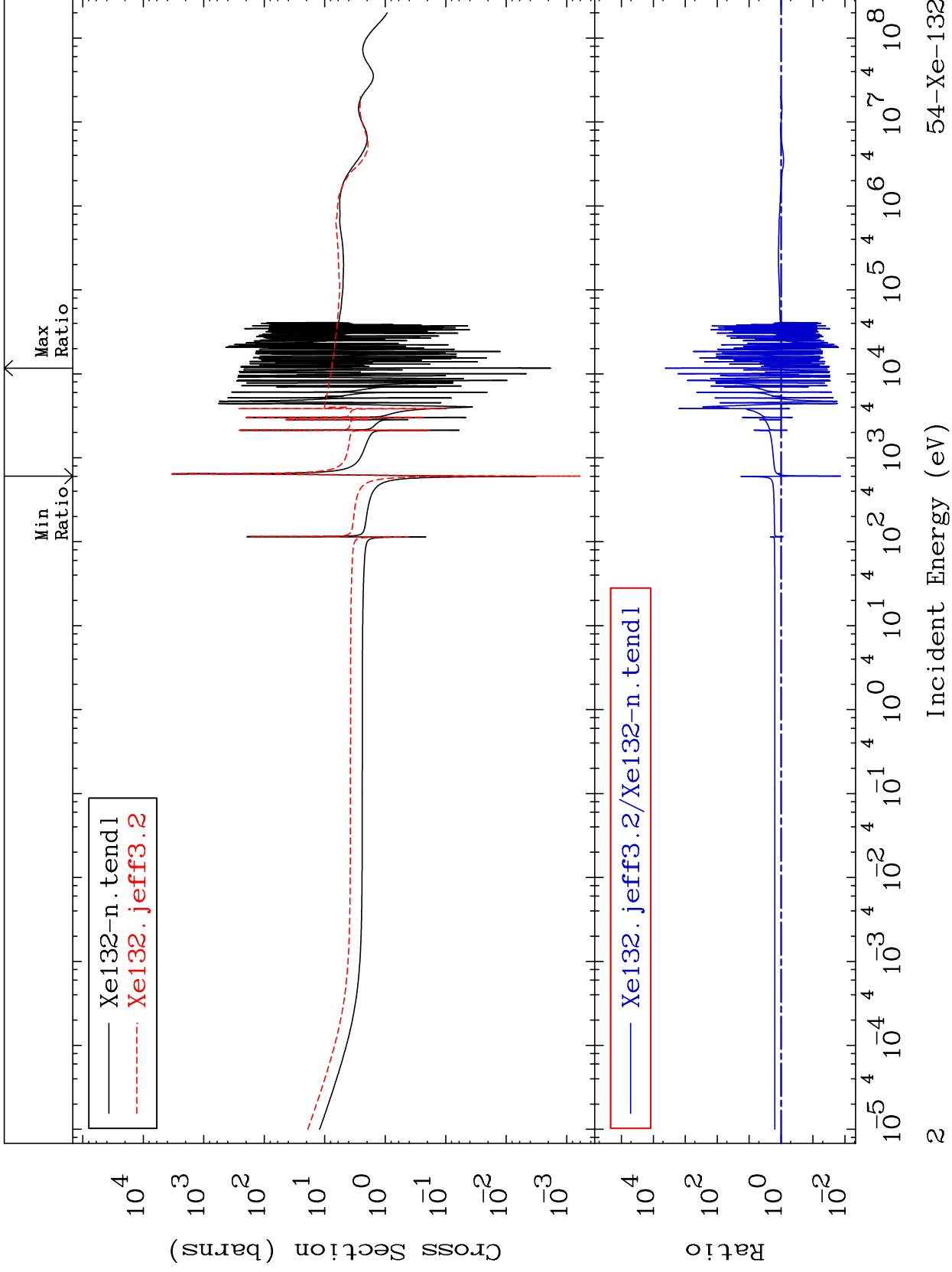
Incident Energy (eV)

54-Xe-132

MAT 5449

Elastic  
Cross Section

54-Xe-132  
-98.64 To 9999. %



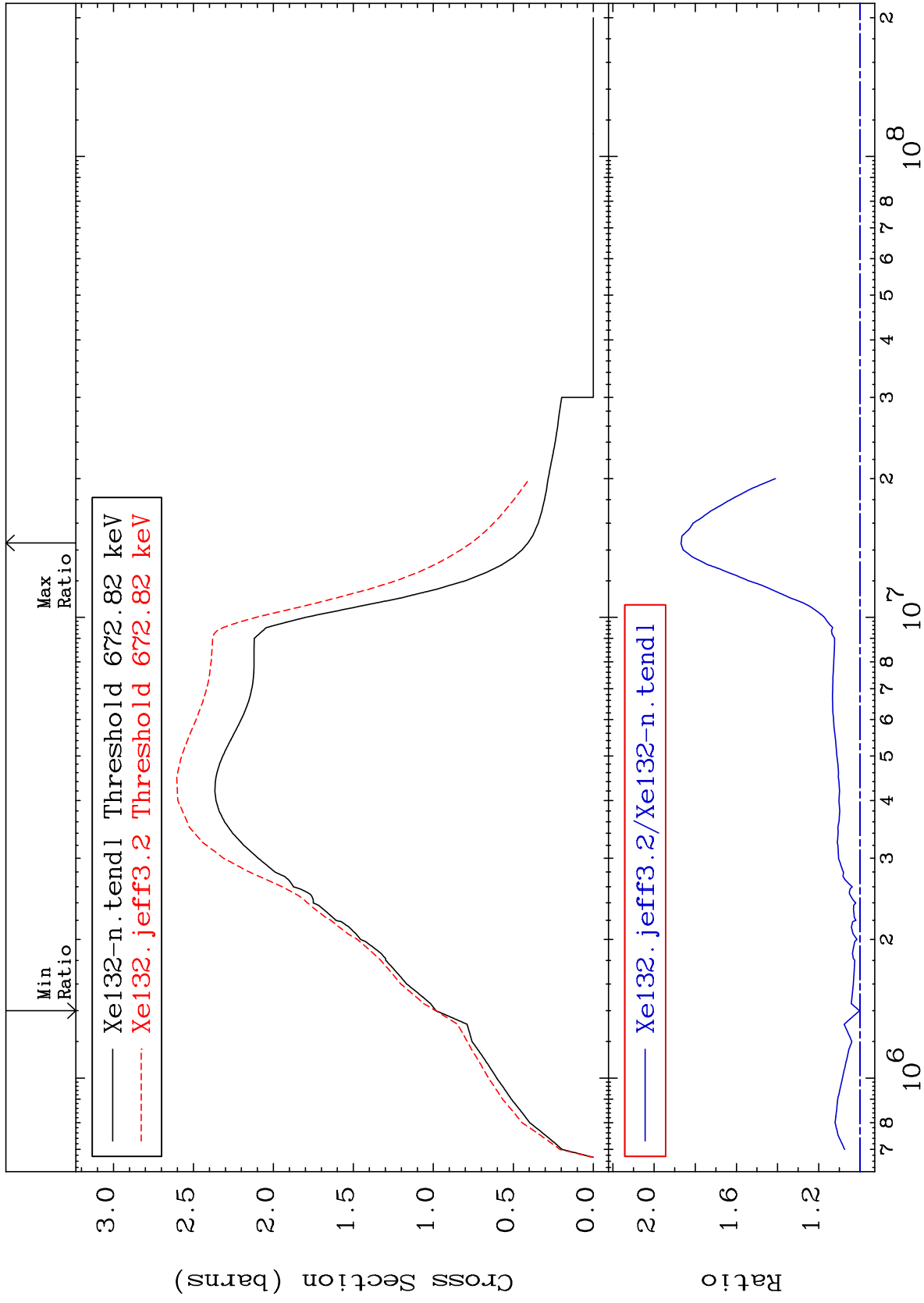
2

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

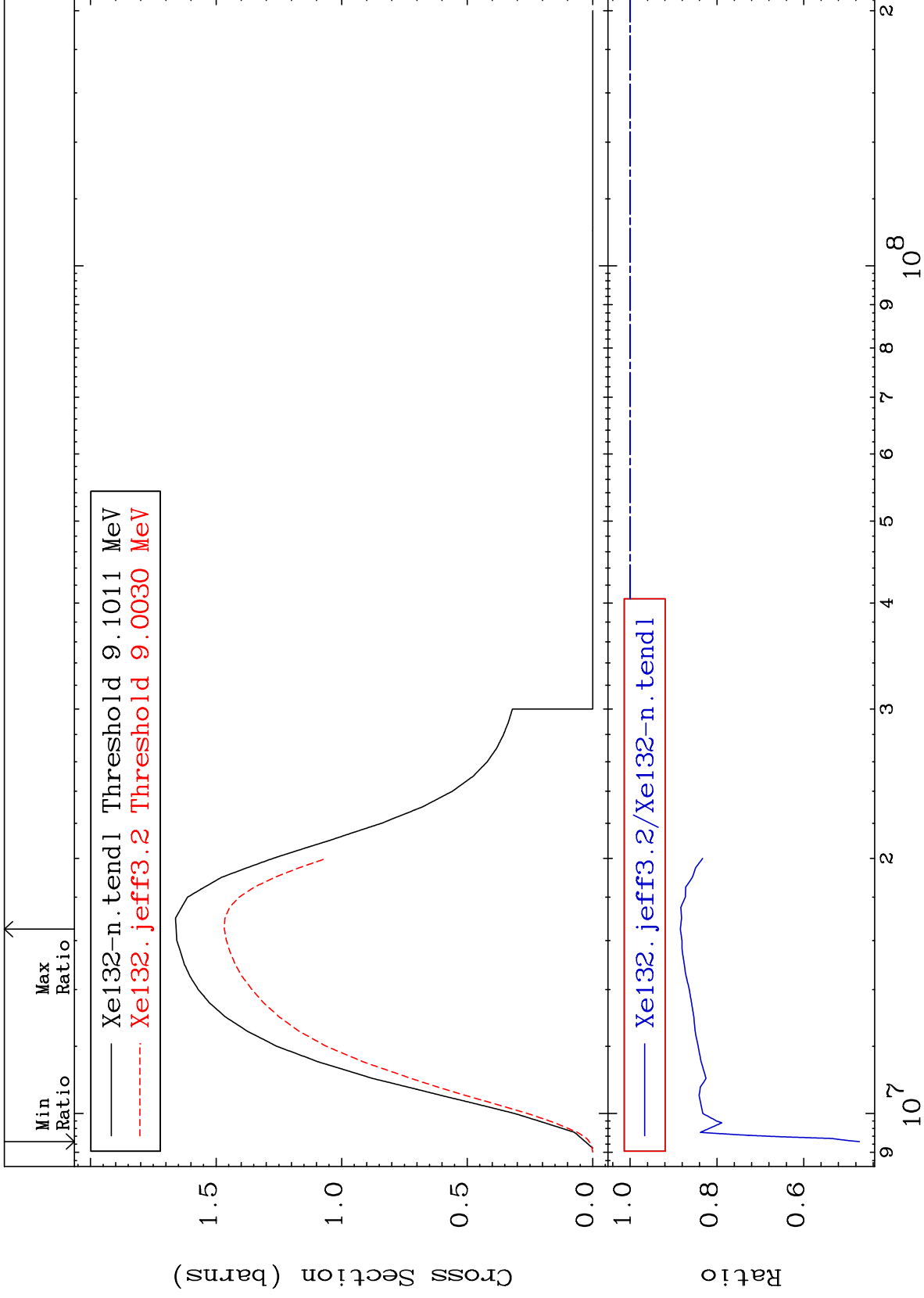
MAT 5449

(n,2n)

54-Xe-132

Cross Section

-52.84 To -11.57%



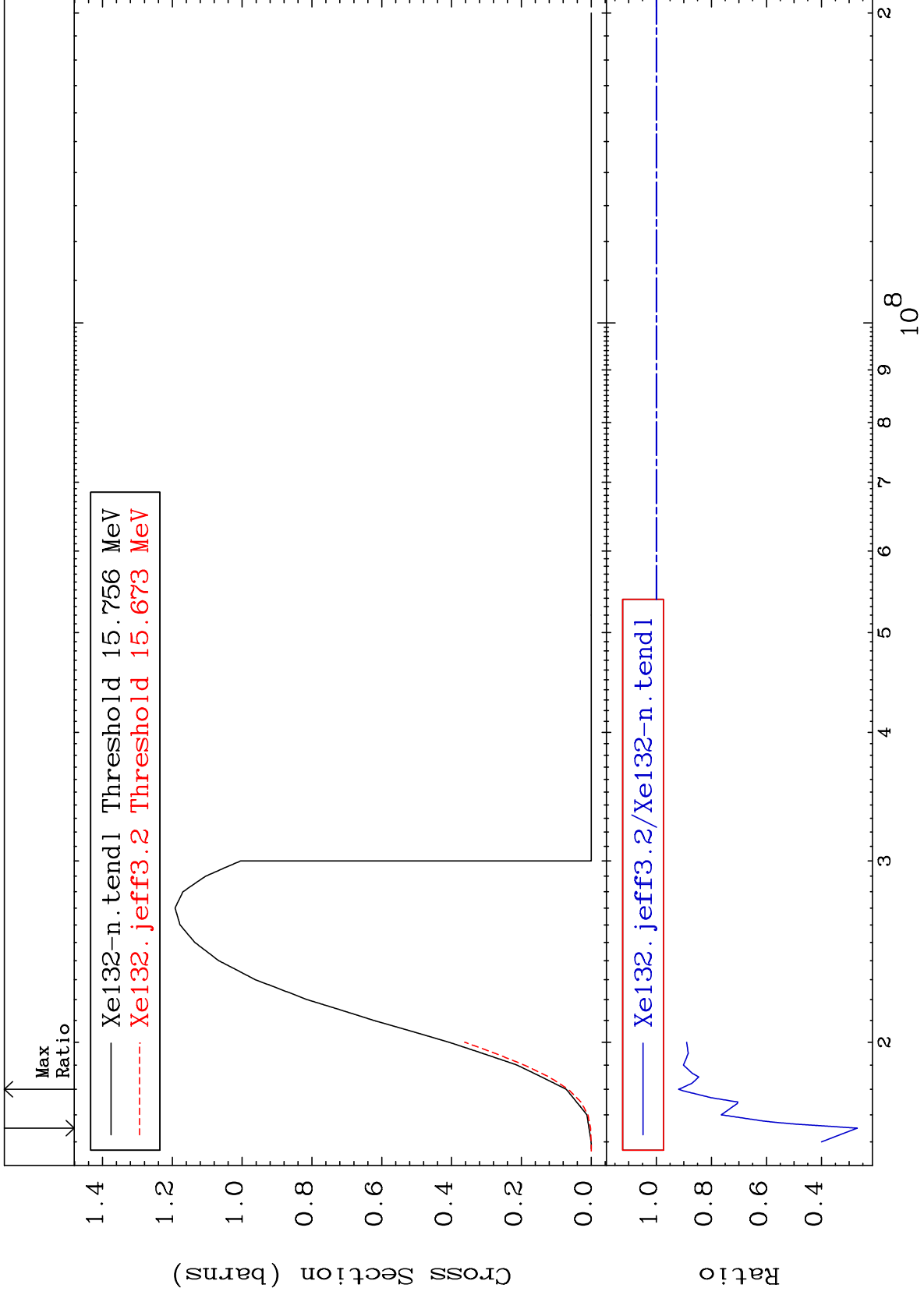
54-Xe-132

54-Xe-132

MAT 5449

(n,3n)  
Cross Section

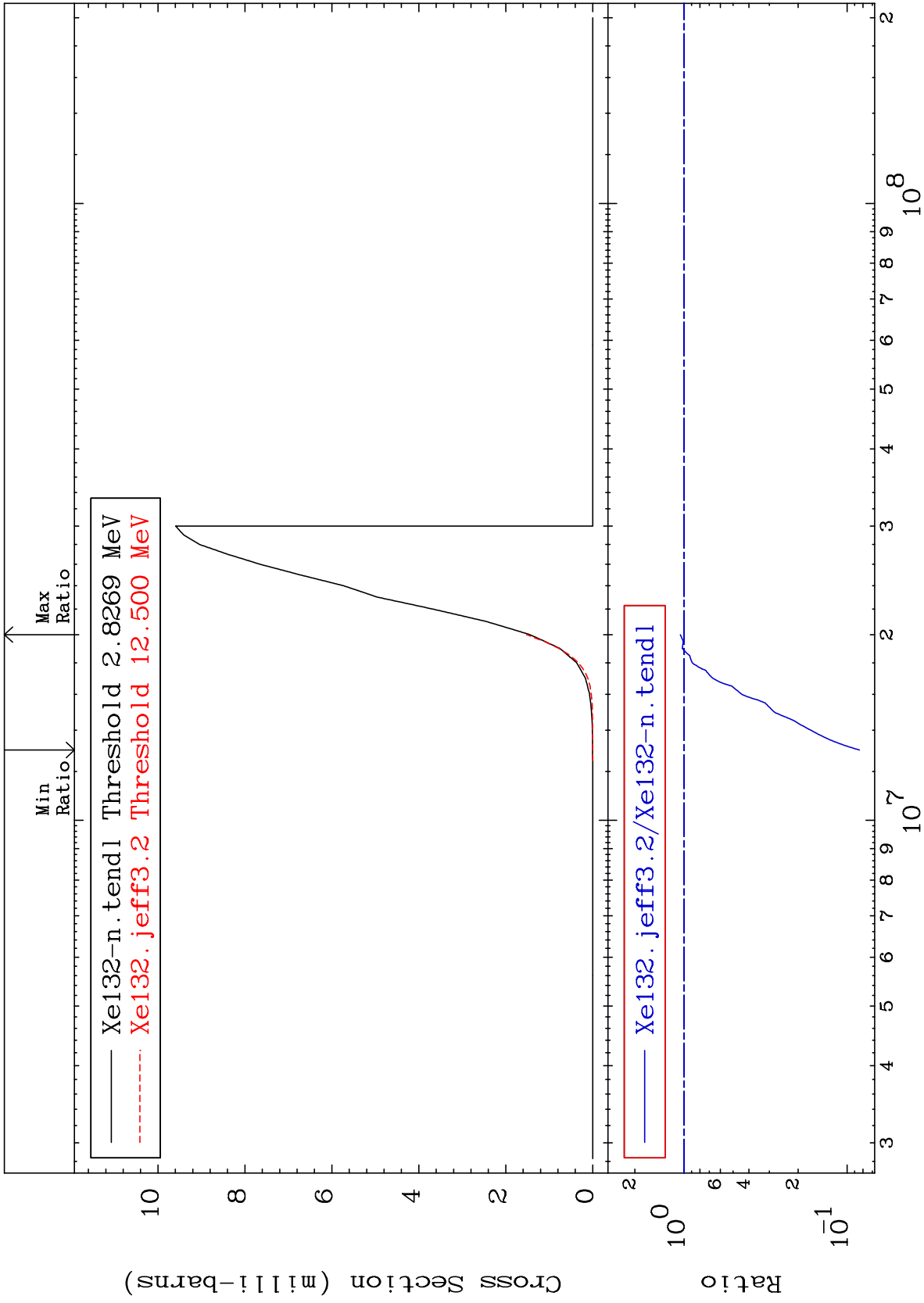
54-Xe-132  
-72.96 To -8.115%



MAT 5449

(n, n')  $\alpha$   
Cross Section

54-Xe-132  
-91.59 To 5.357 %



6

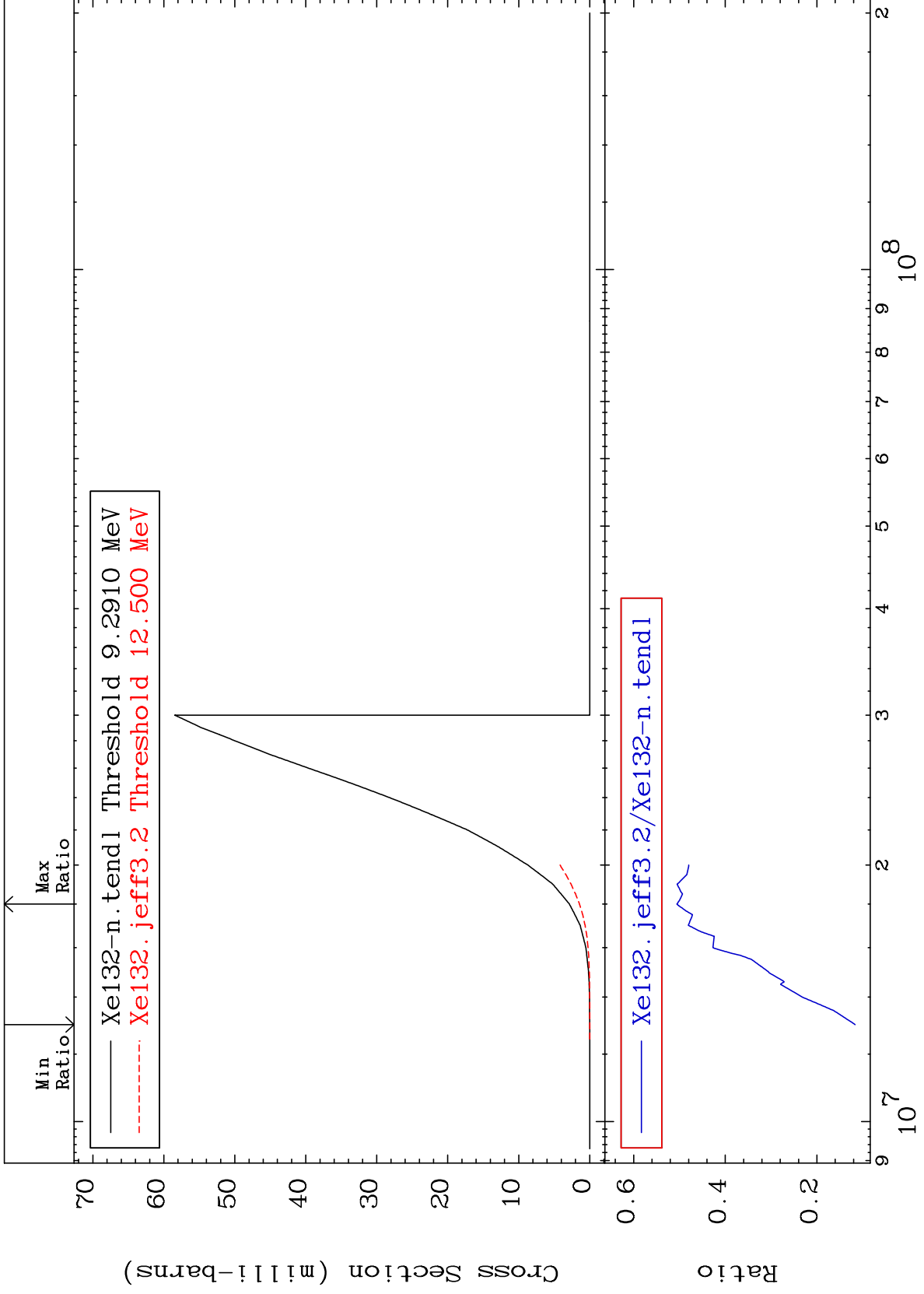
Incident Energy (eV)

54-Xe-132

MAT 5449

(n,n') p  
Cross Section

54-Xe-132  
-88.33 To -49.44%



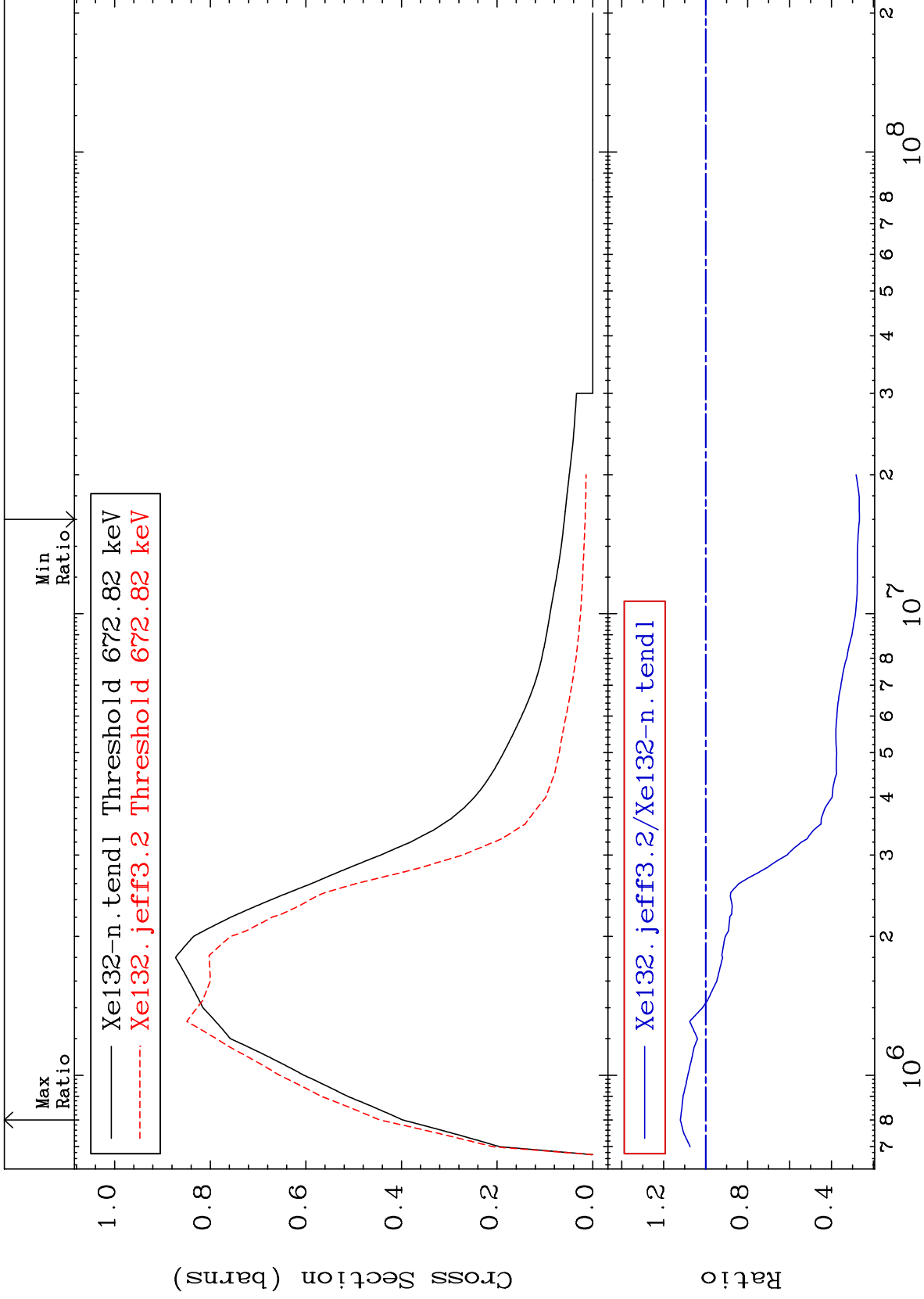
54-Xe-132

54-Xe-132

MAT 5449

667.7 keV (n,n') Level  
Cross Section

54-Xe-132  
-73.30 To 12.06 %



8

Incident Energy (eV)

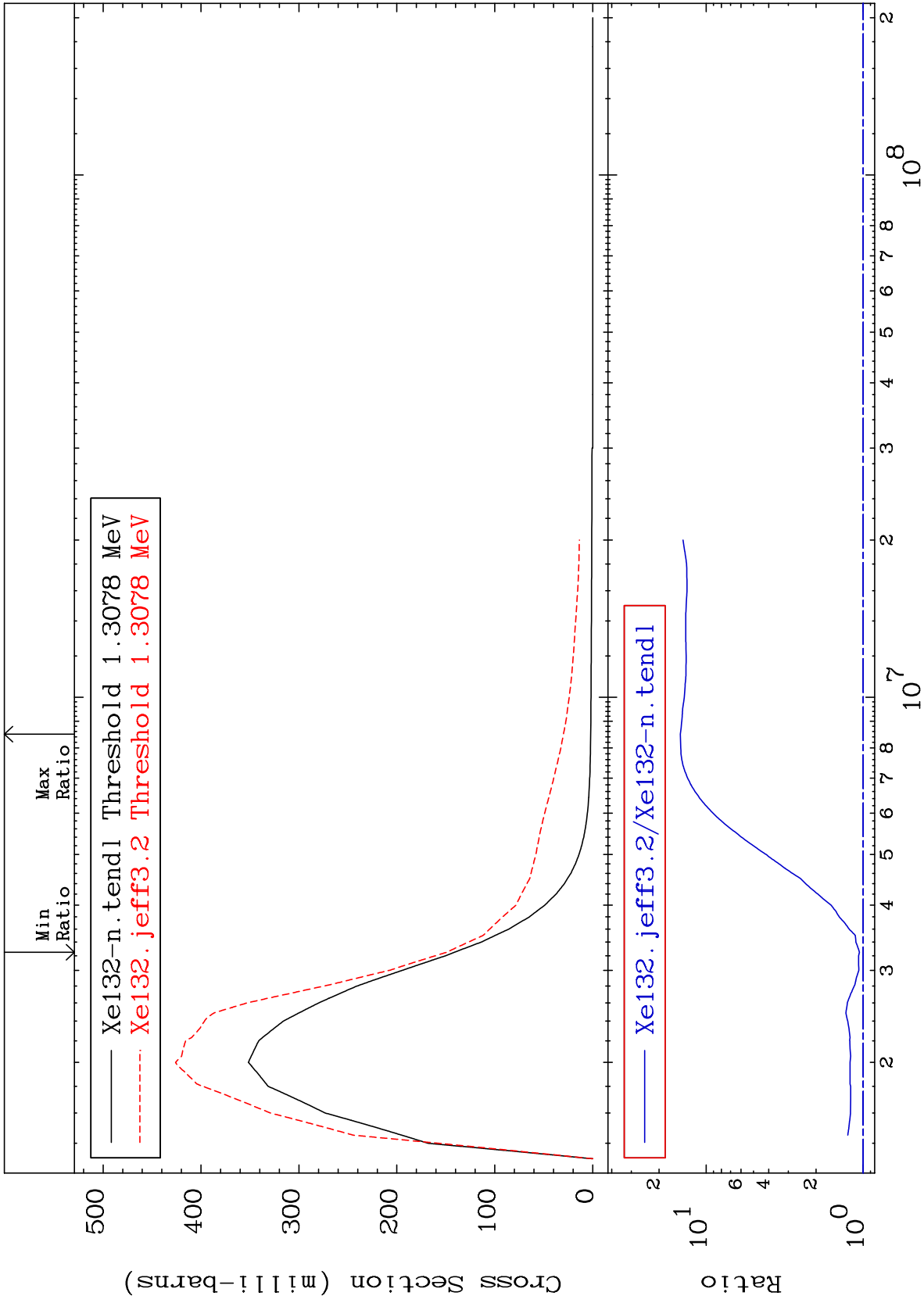
54-Xe-132



MAT 5449

1.298 MeV (n,n') Level  
Cross Section

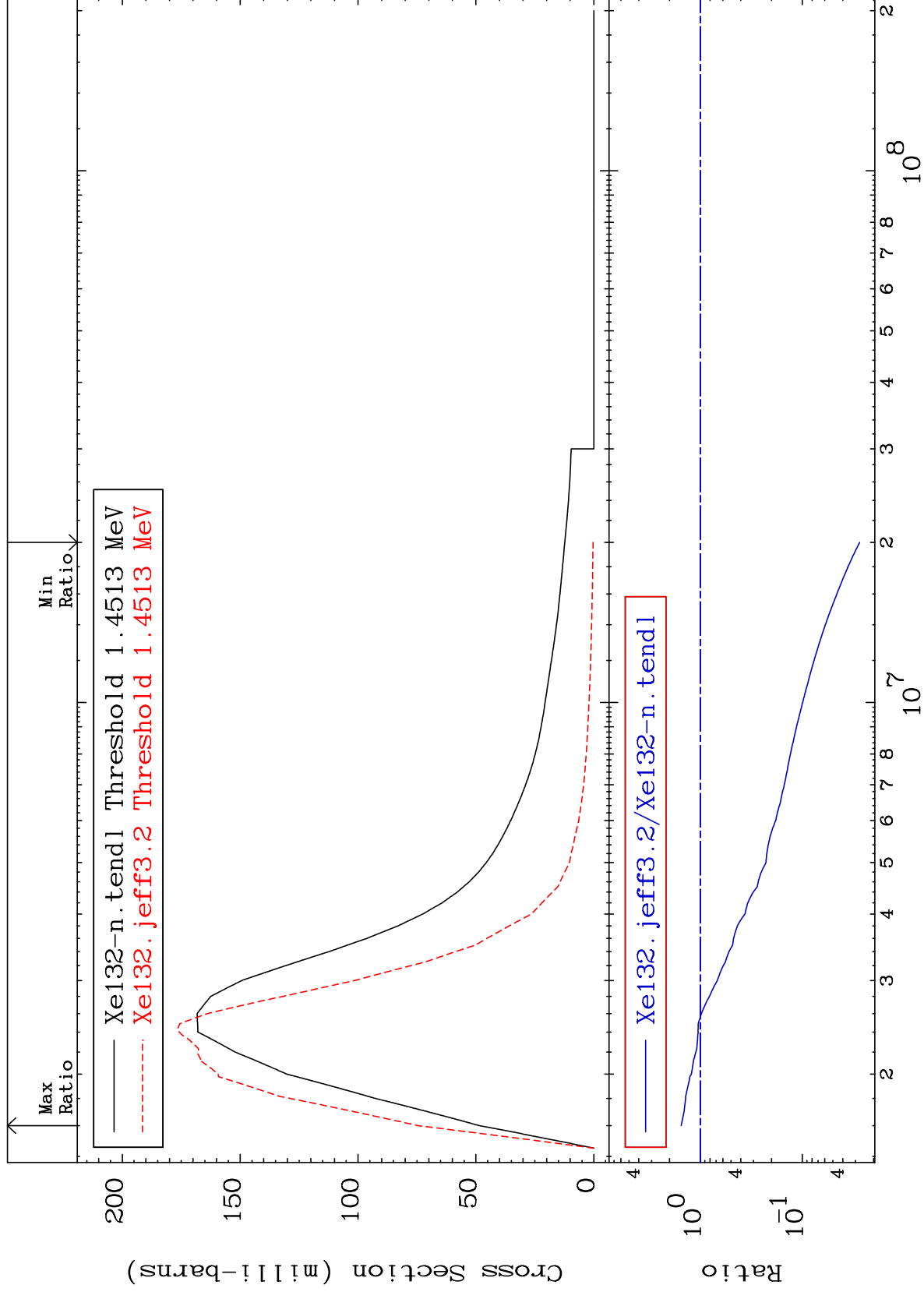
54-Xe-132  
5.734 To 1362. %



MAT 5449

1.440 MeV (n,n') Level  
Cross Section

54-Xe-132  
-97.27 To 53.74 %



10

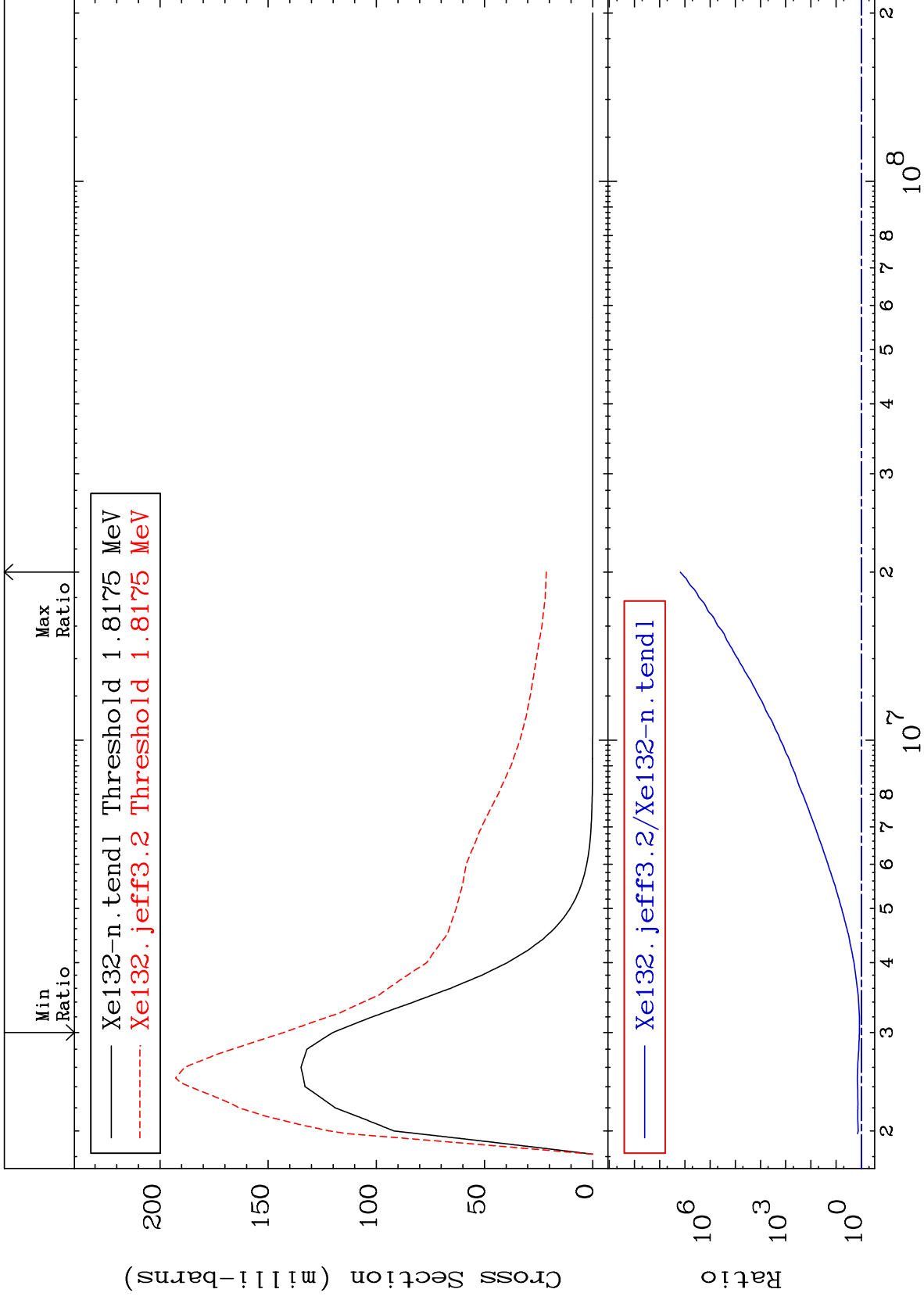
Incident Energy (eV)

54-Xe-132

MAT 5449

1.804 MeV (n,n') Level  
Cross Section

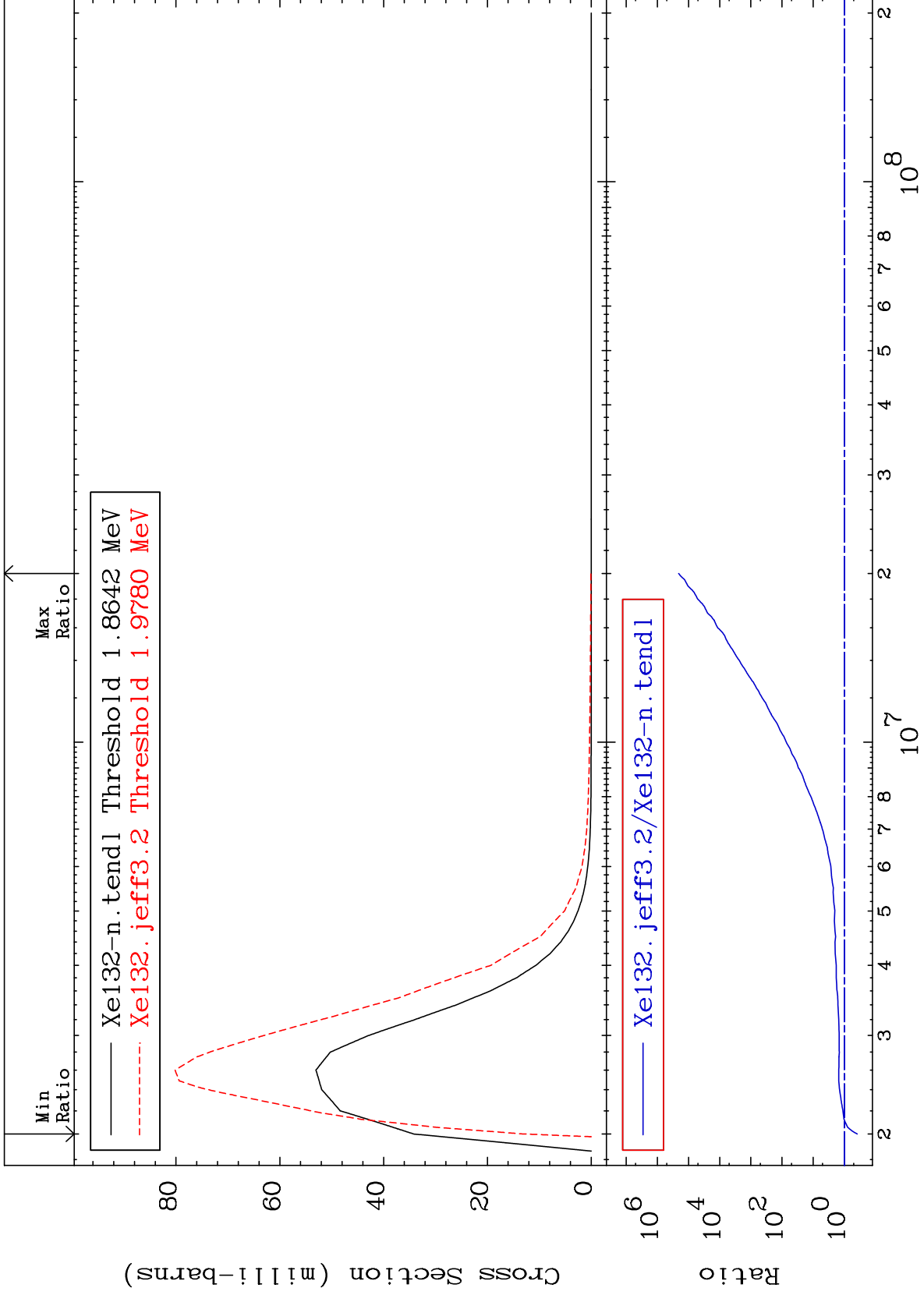
54-Xe-132  
18.92 To 9999. %



MAT 5449

1.850 MeV (n,n') Level  
Cross Section

54-Xe-132  
-61.28 To 9999. %



12

Incident Energy (eV)

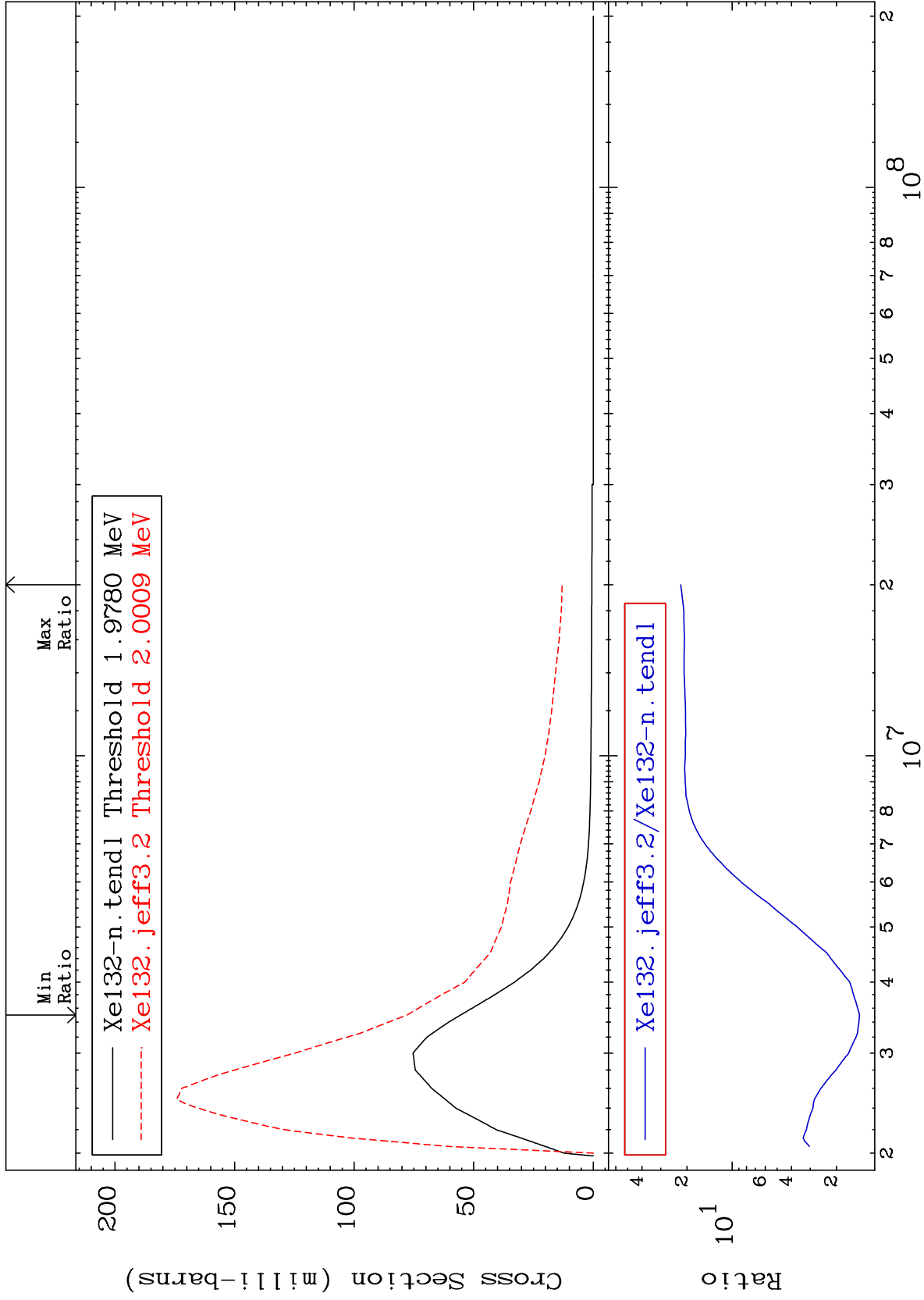
54-Xe-132

MAT 5449

1.963 MeV (n,n') Level

54-Xe-132

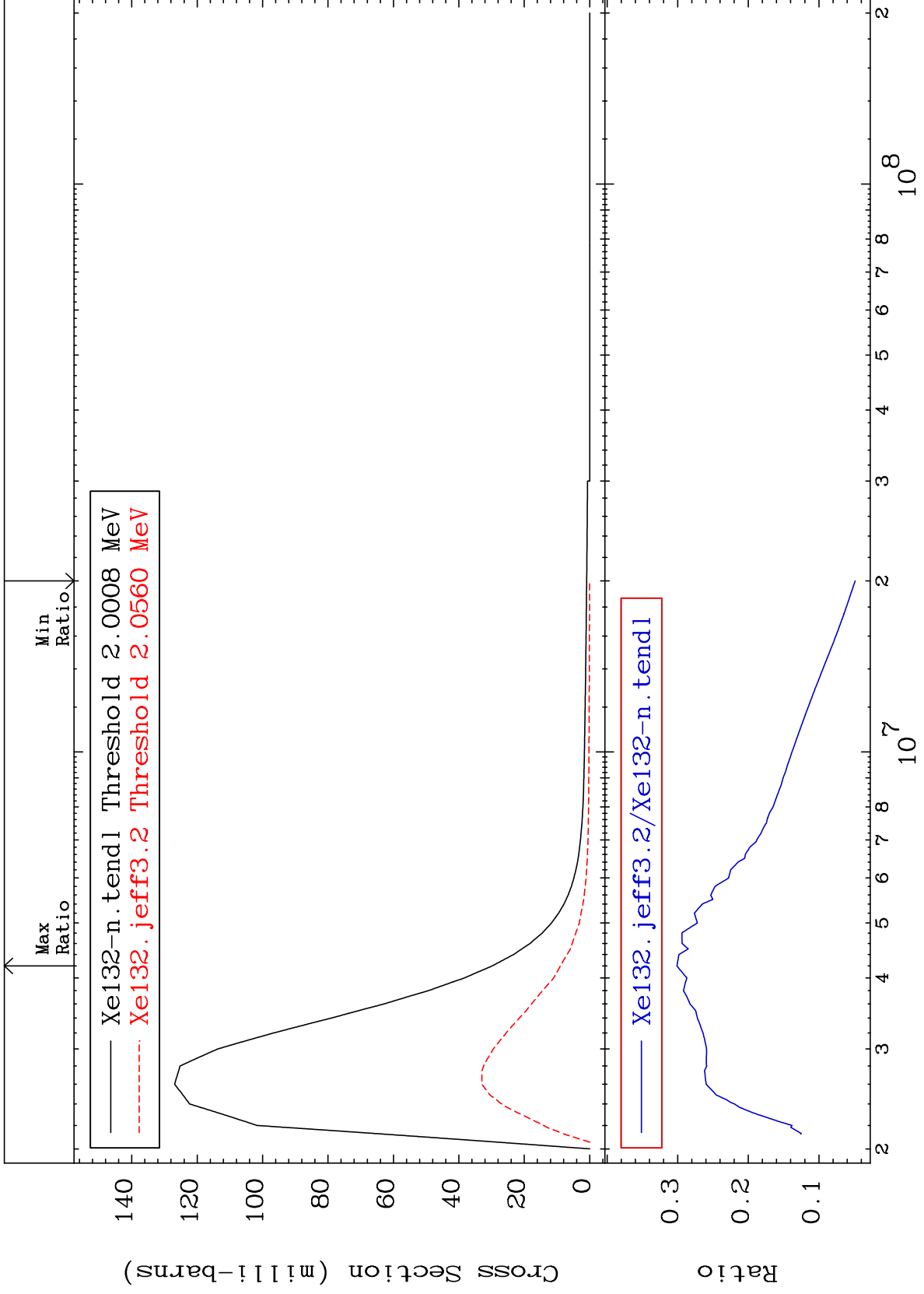
Cross Section To 2104. %



MAT 5449

1.986 MeV (n,n') Level  
Cross Section

54-Xe-132  
-95.13 To -69.88%



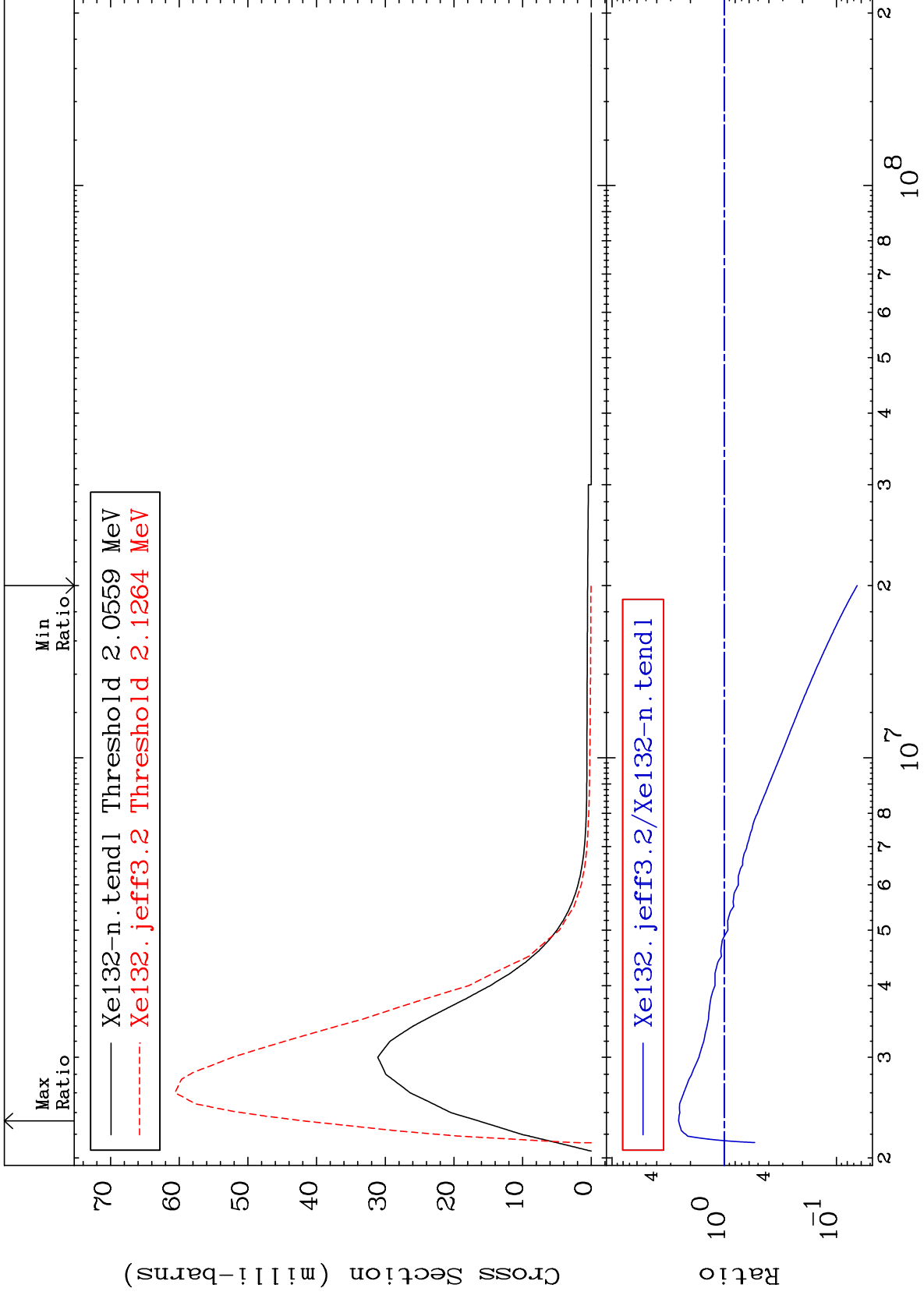
14

54-Xe-132

MAT 5449

2.040 MeV (n,n') Level  
Cross Section

54-Xe-132  
-93.49 To 155.1 %



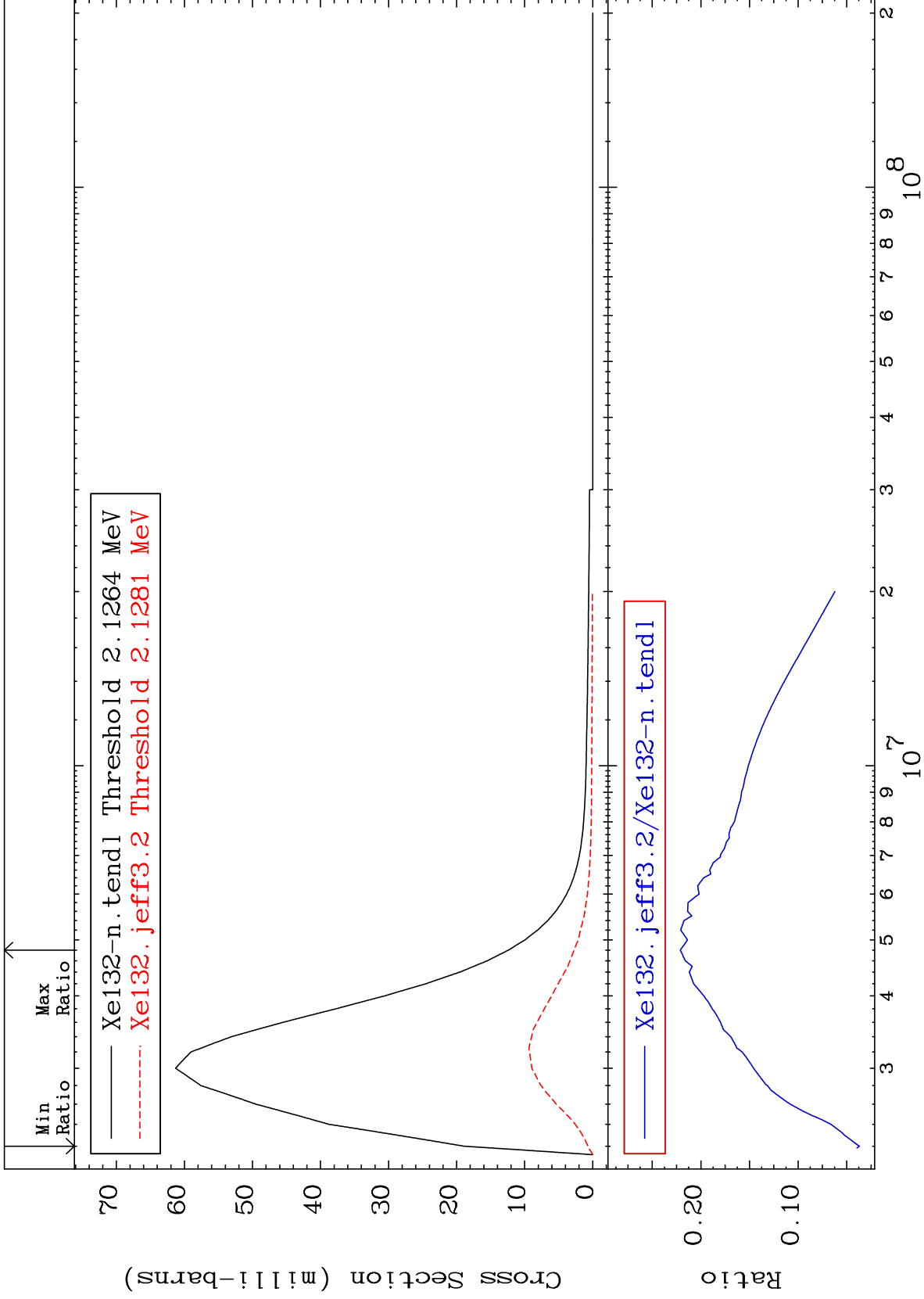
15

54-Xe-132

MAT 5449

2.110 MeV (n,n') Level  
Cross Section

54-Xe-132  
-96.31 To -77.89%

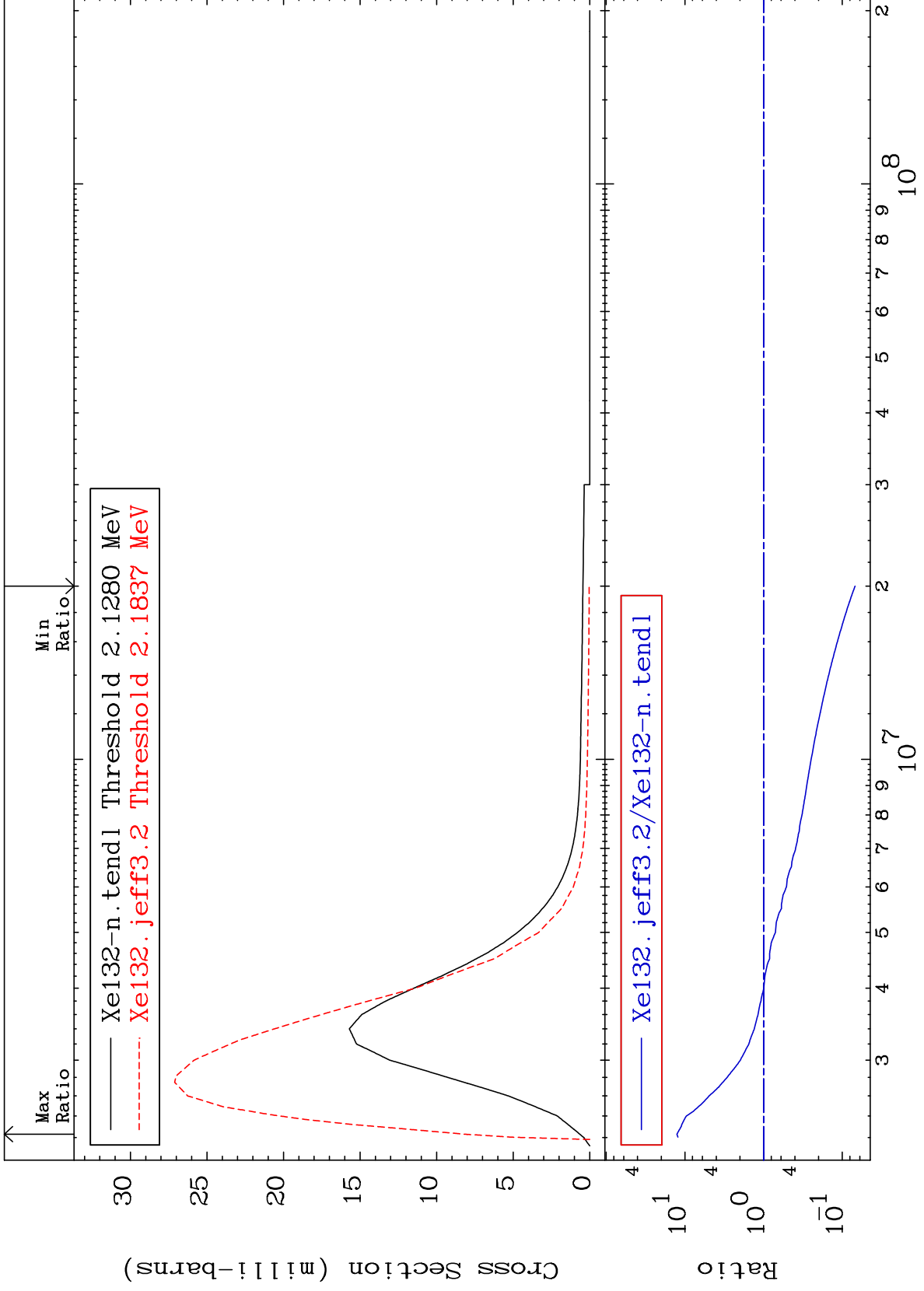




MAT 5449

2.112 MeV (n,n') Level  
Cross Section

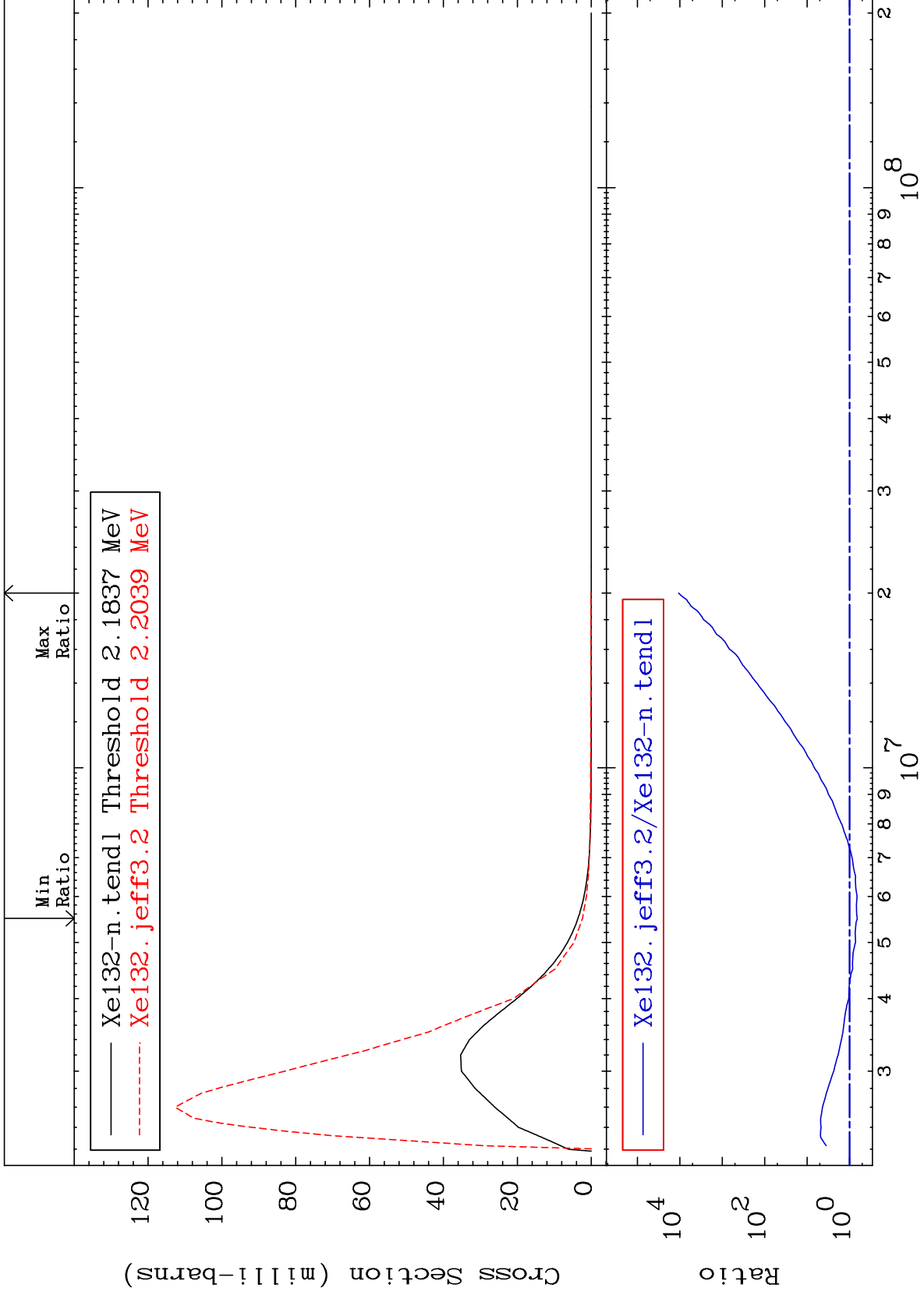
54-Xe-132  
-93.12 To 1163. %



MAT 5449

2.167 MeV (n,n') Level  
Cross Section

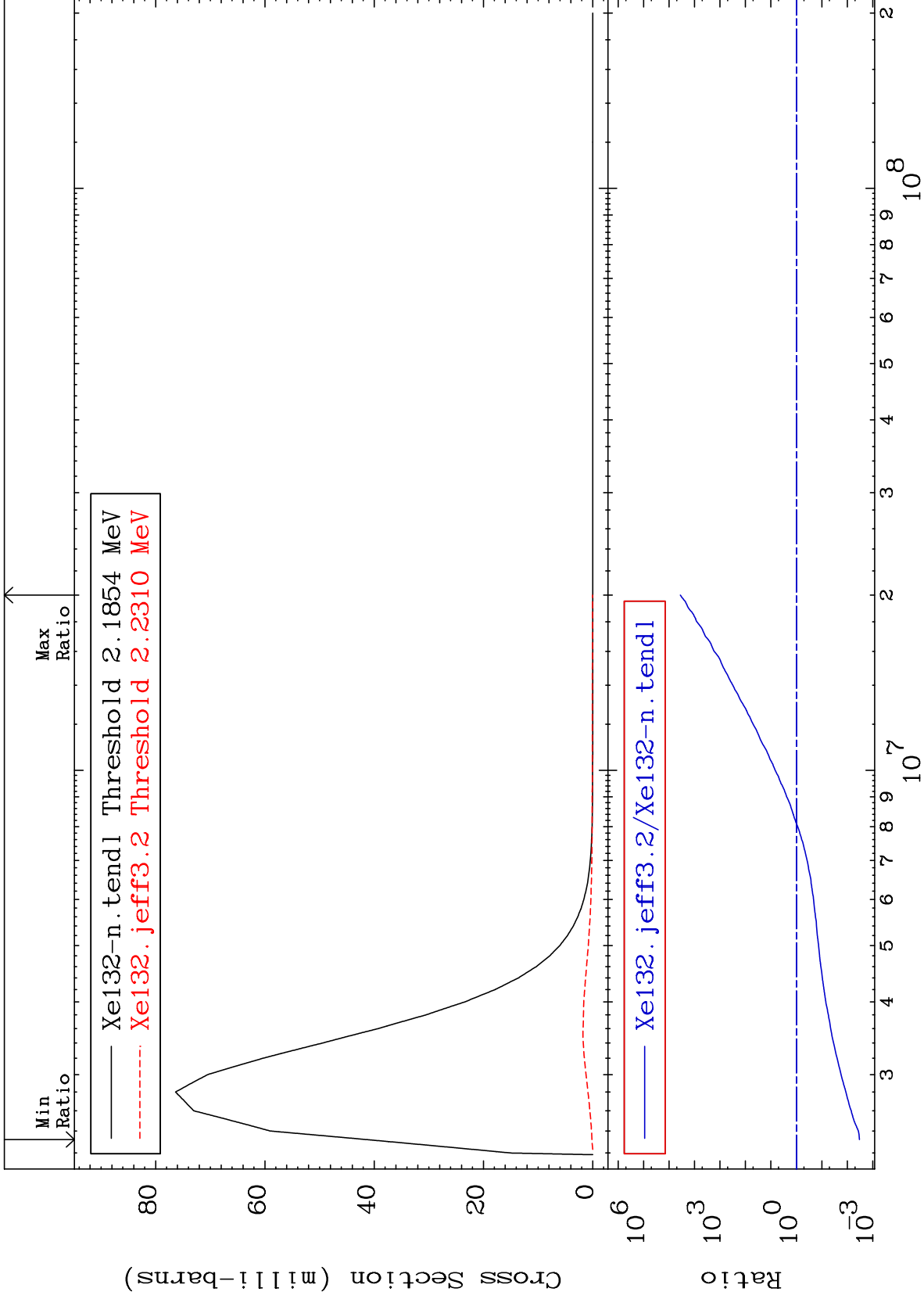
54-Xe-132  
-34.34 To 9999. %

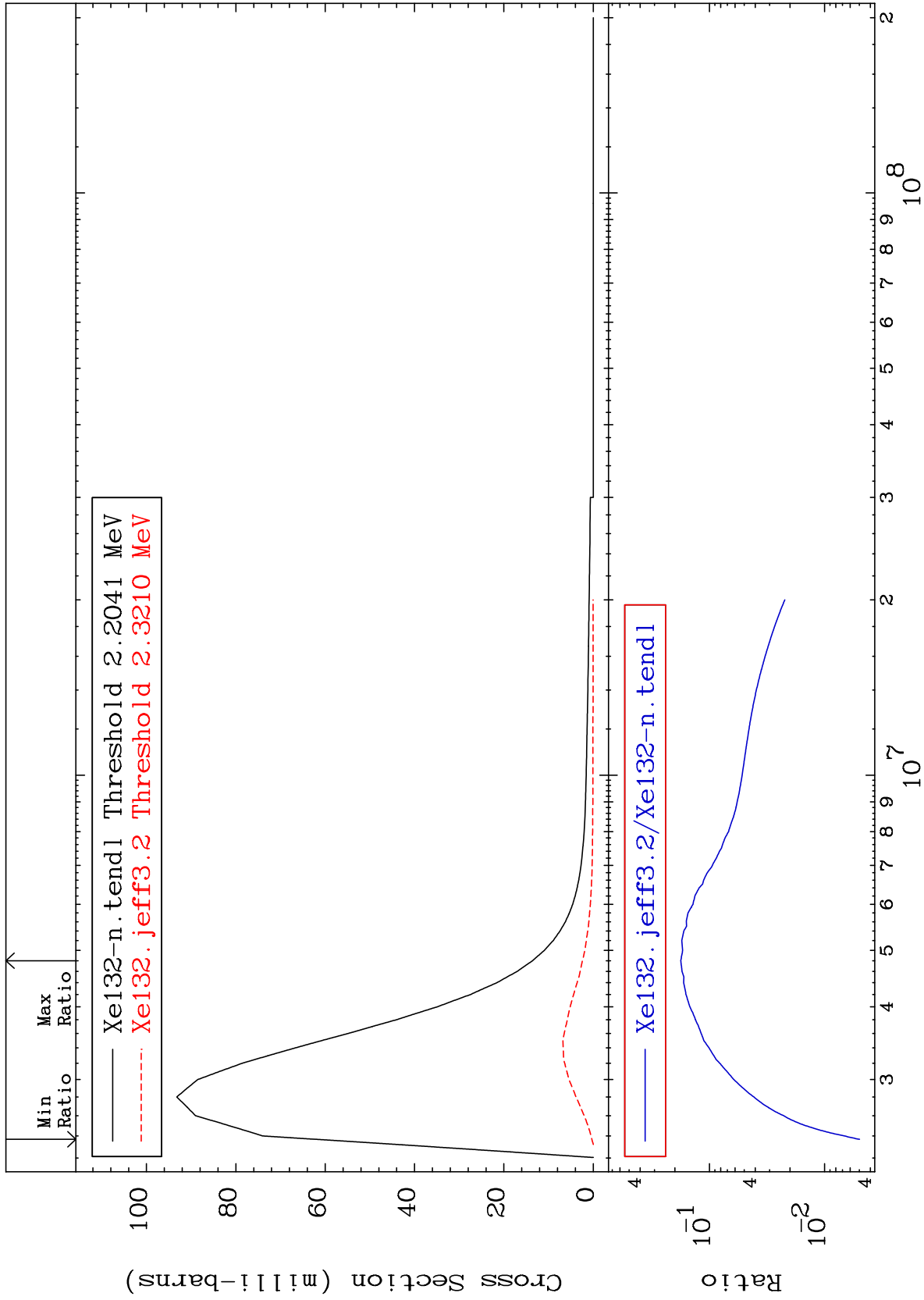


MAT 5449

2.169 MeV (n,n') Level  
Cross Section

54-Xe-132  
-99.67 To 9999. %

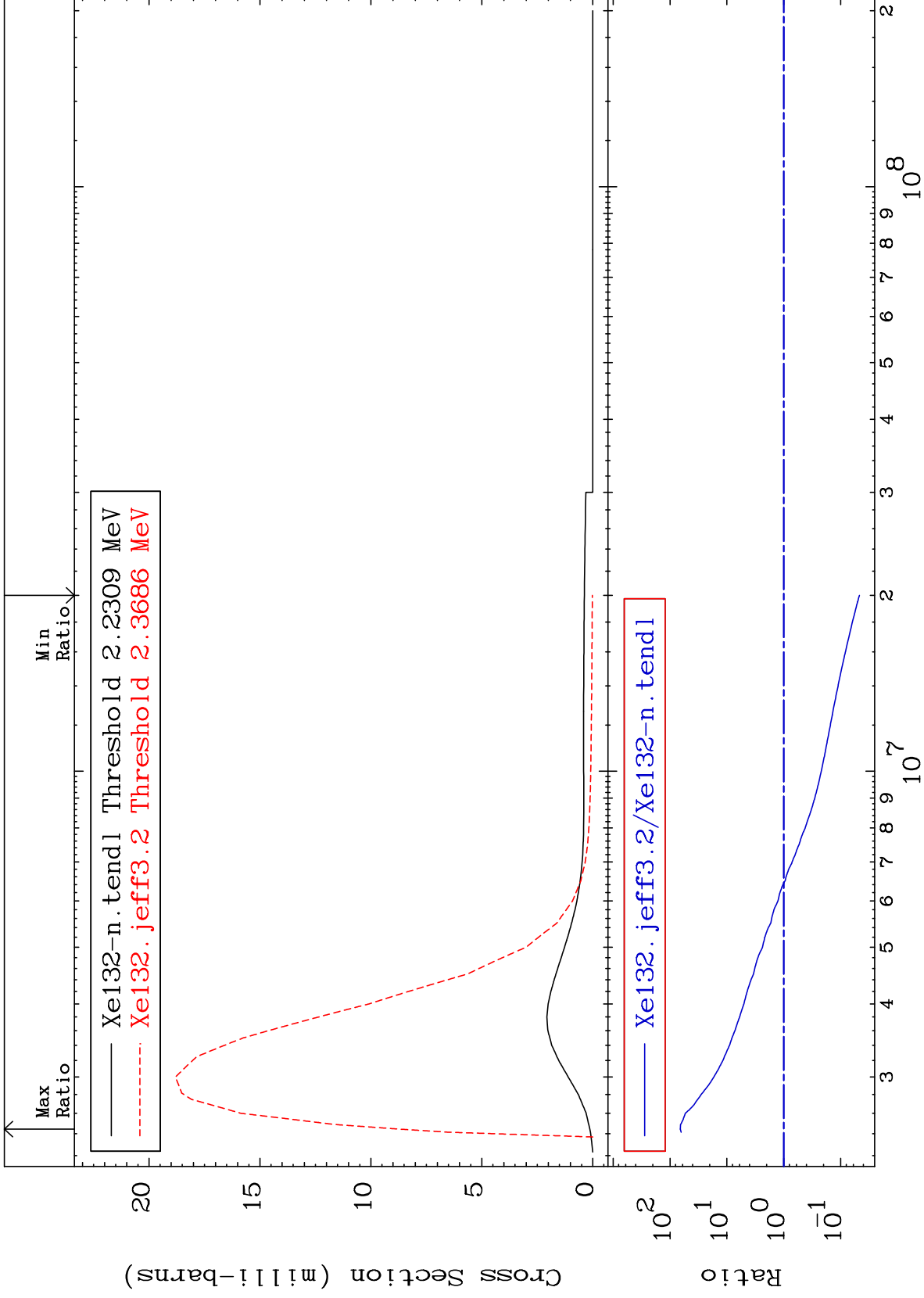




MAT 5449

2.214 MeV (n,n') Level  
Cross Section

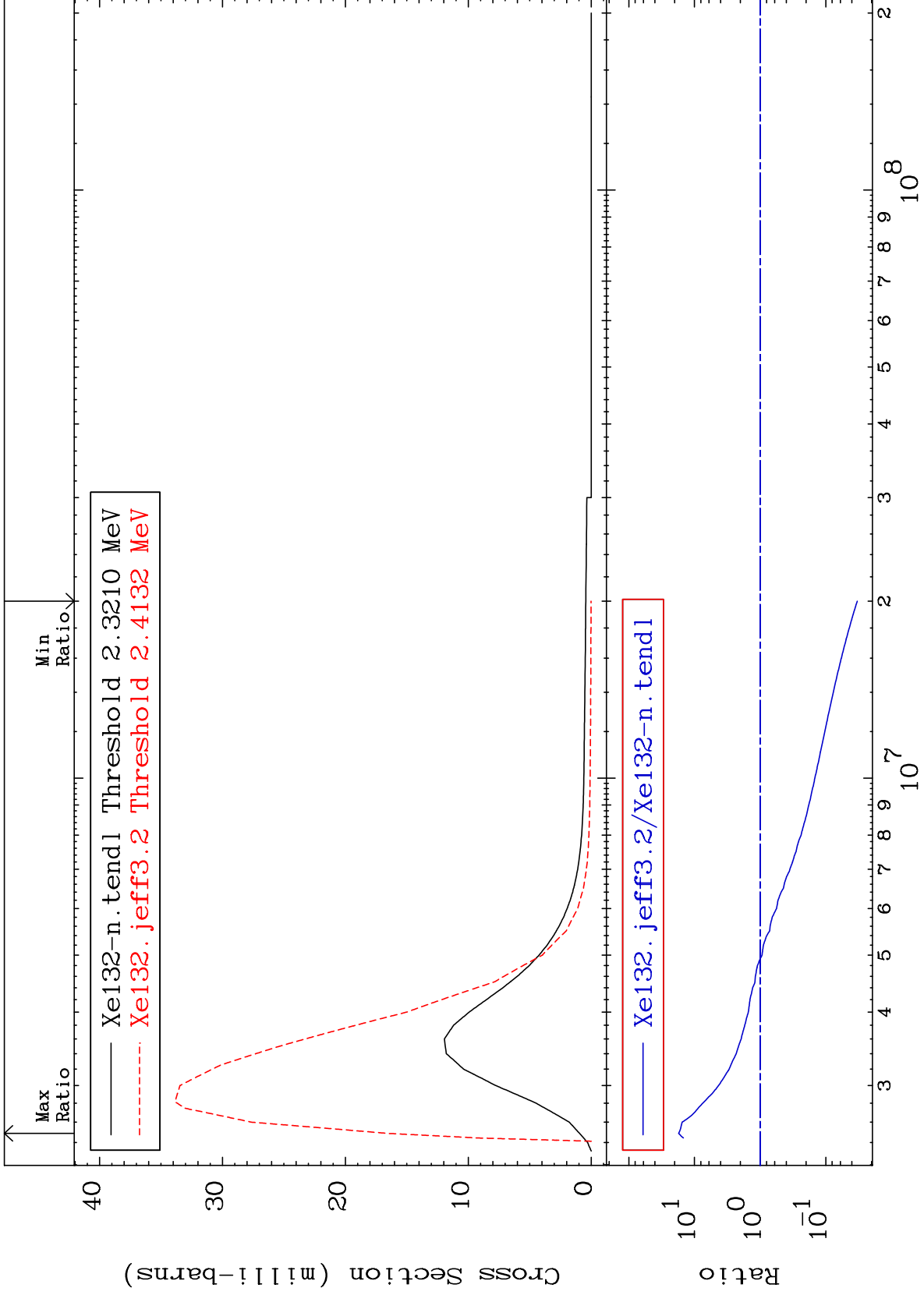
54-Xe-132  
-95.31 To 6476. %



MAT 5449

2.303 MeV (n,n') Level  
Cross Section

54-Xe-132  
-96.68 To 1643. %



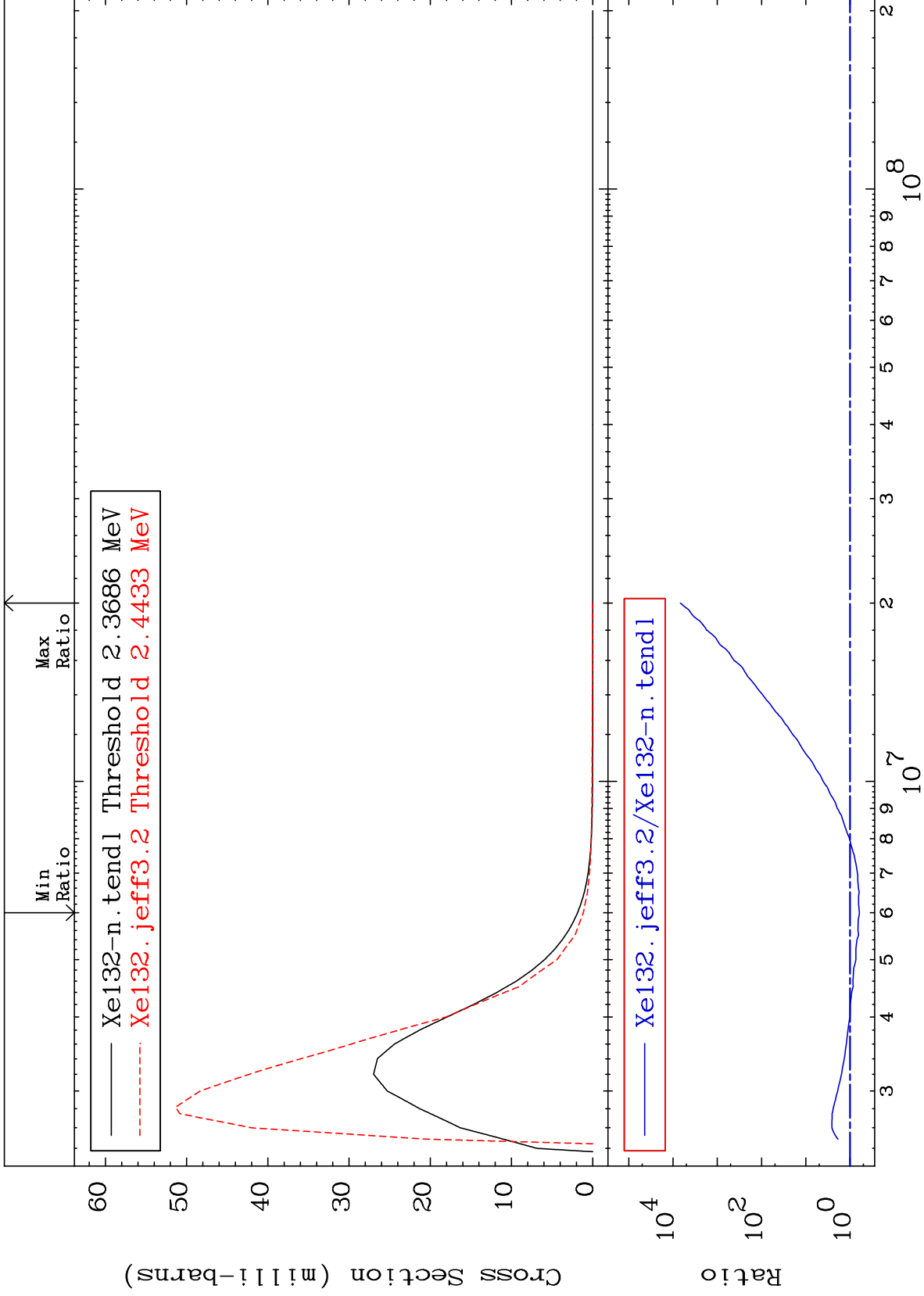
Xe132-n.tendl Threshold 2.3210 MeV  
Xe132.jeff3.2 Threshold 2.4132 MeV

Xe132.jeff3.2/Xe132-n.tendl

MAT 5449

2.351 MeV (n,n') Level  
Cross Section

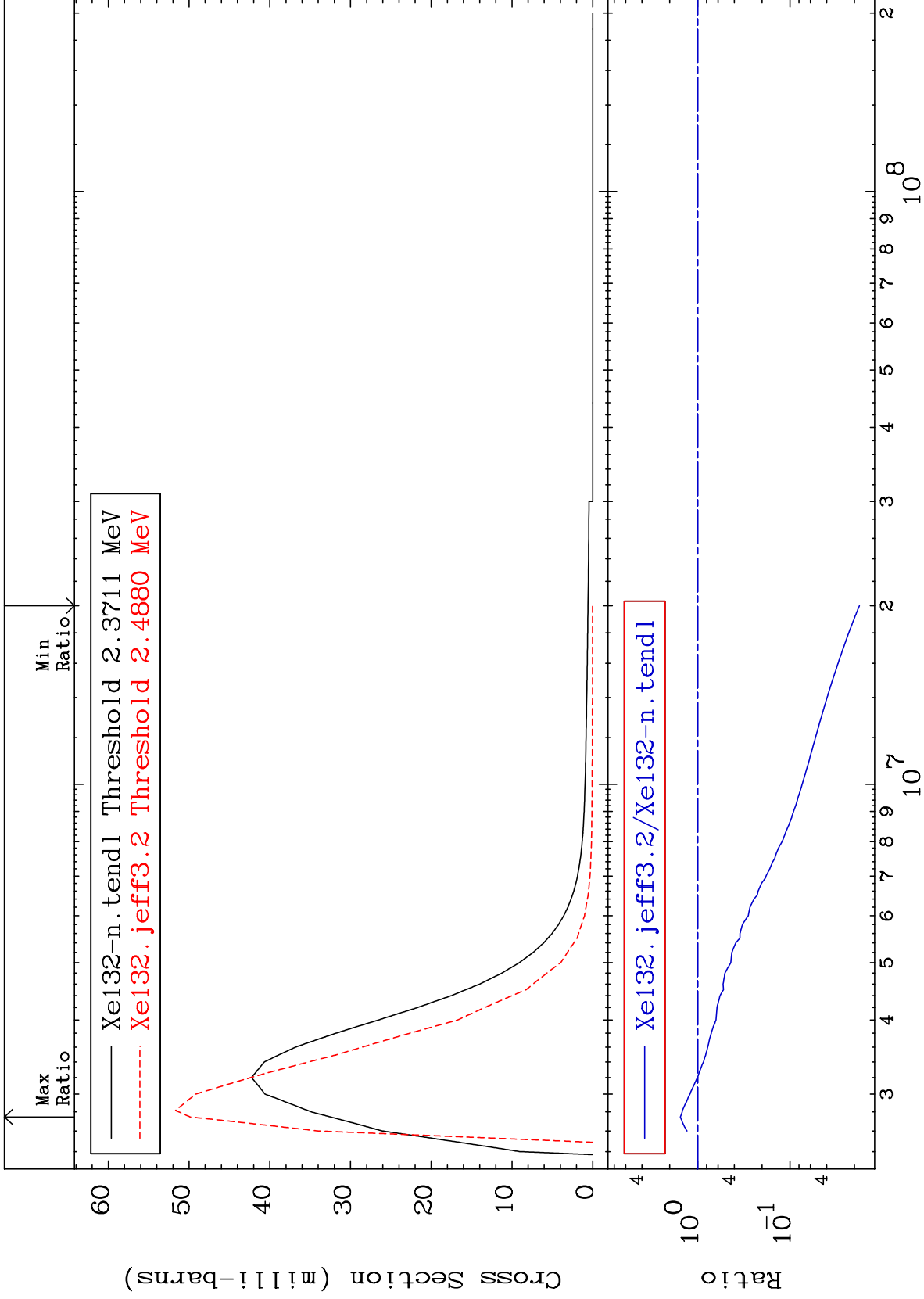
54-Xe-132  
-38.46 To 9999. %



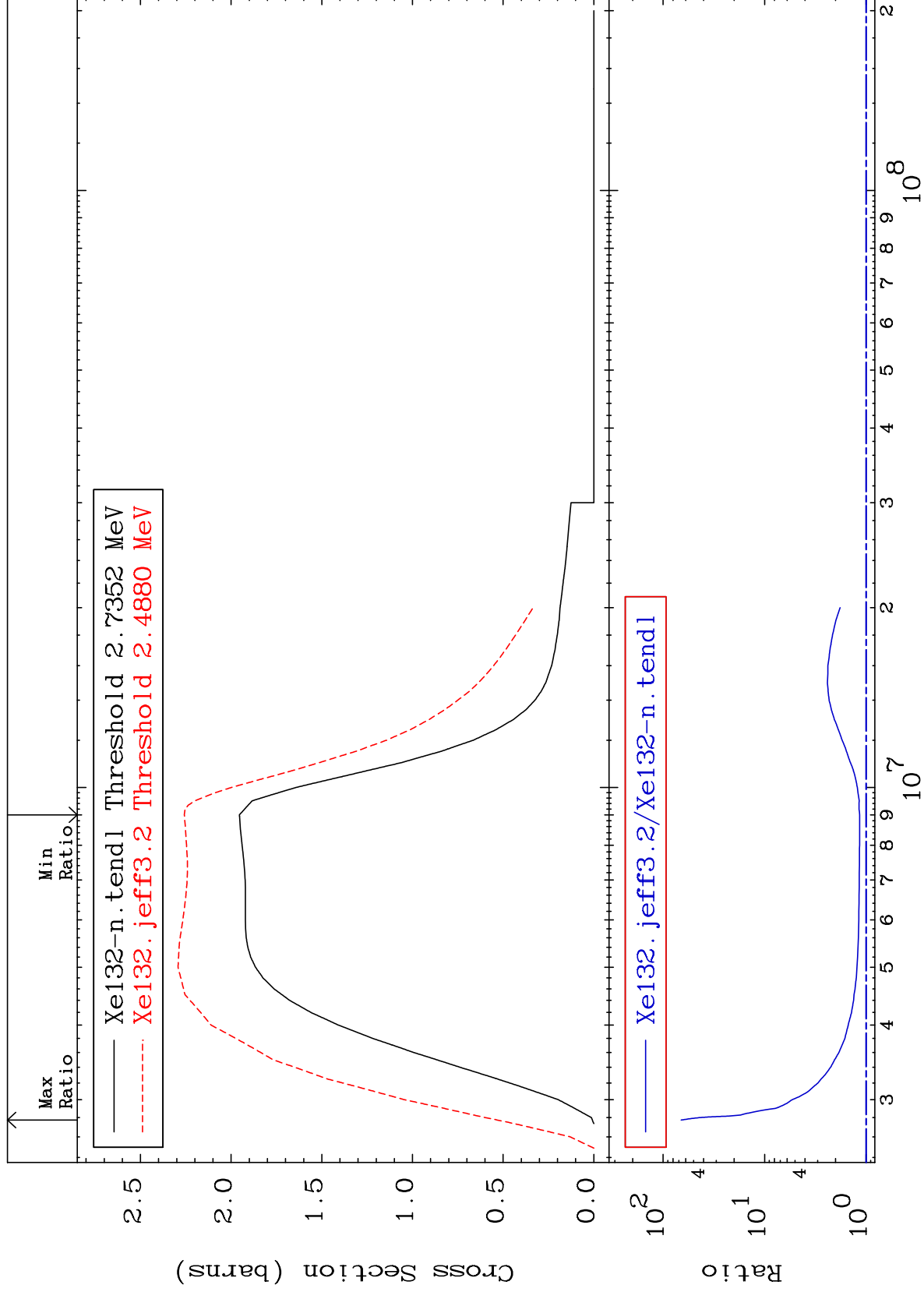
MAT 5449

2.353 MeV (n,n') Level  
Cross Section

54-Xe-132  
-98.23 To 53.54 %



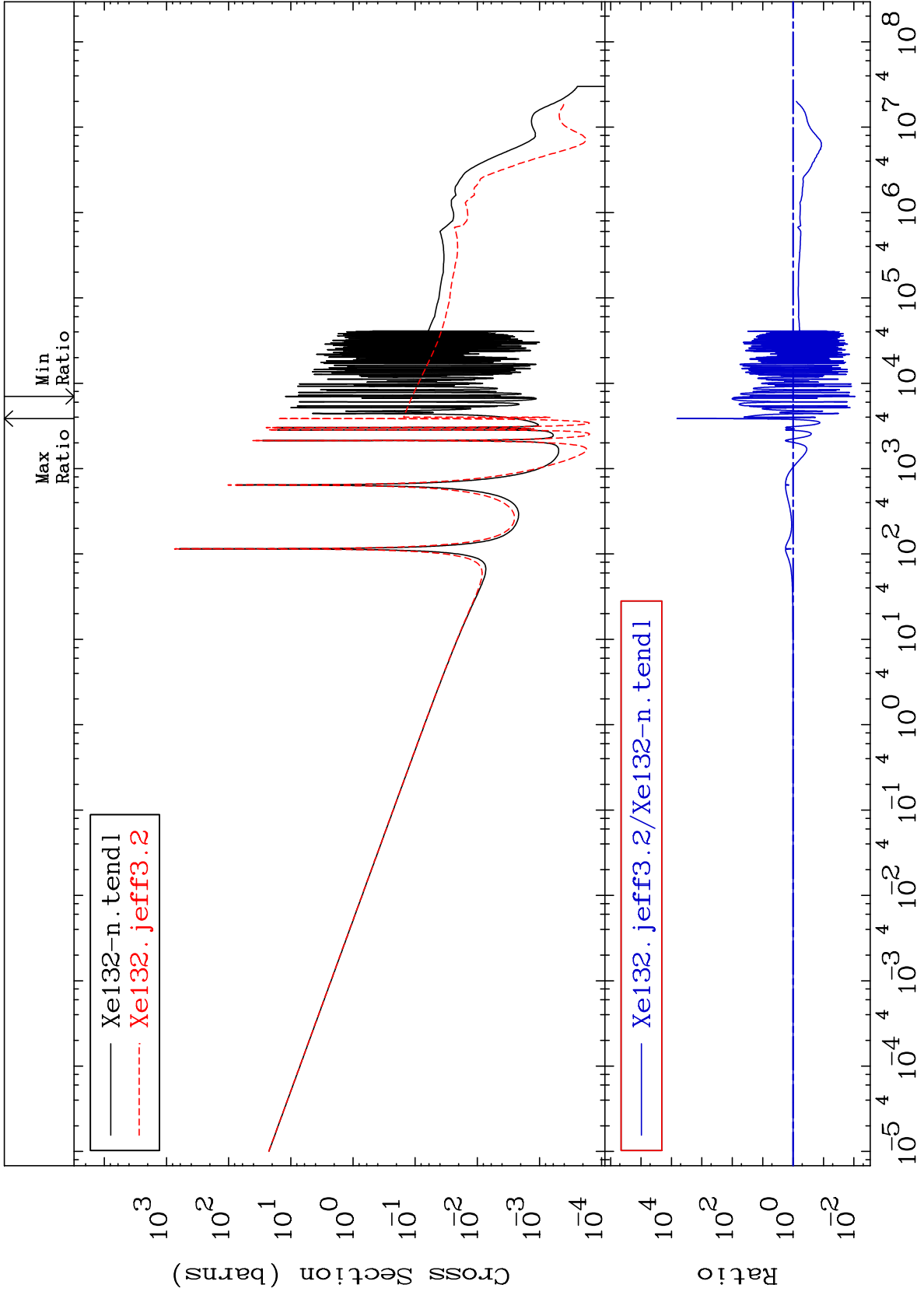




MAT 5449

(n,  $\gamma$ )  
Cross Section

54-Xe-132  
-99.08 To 9999. %



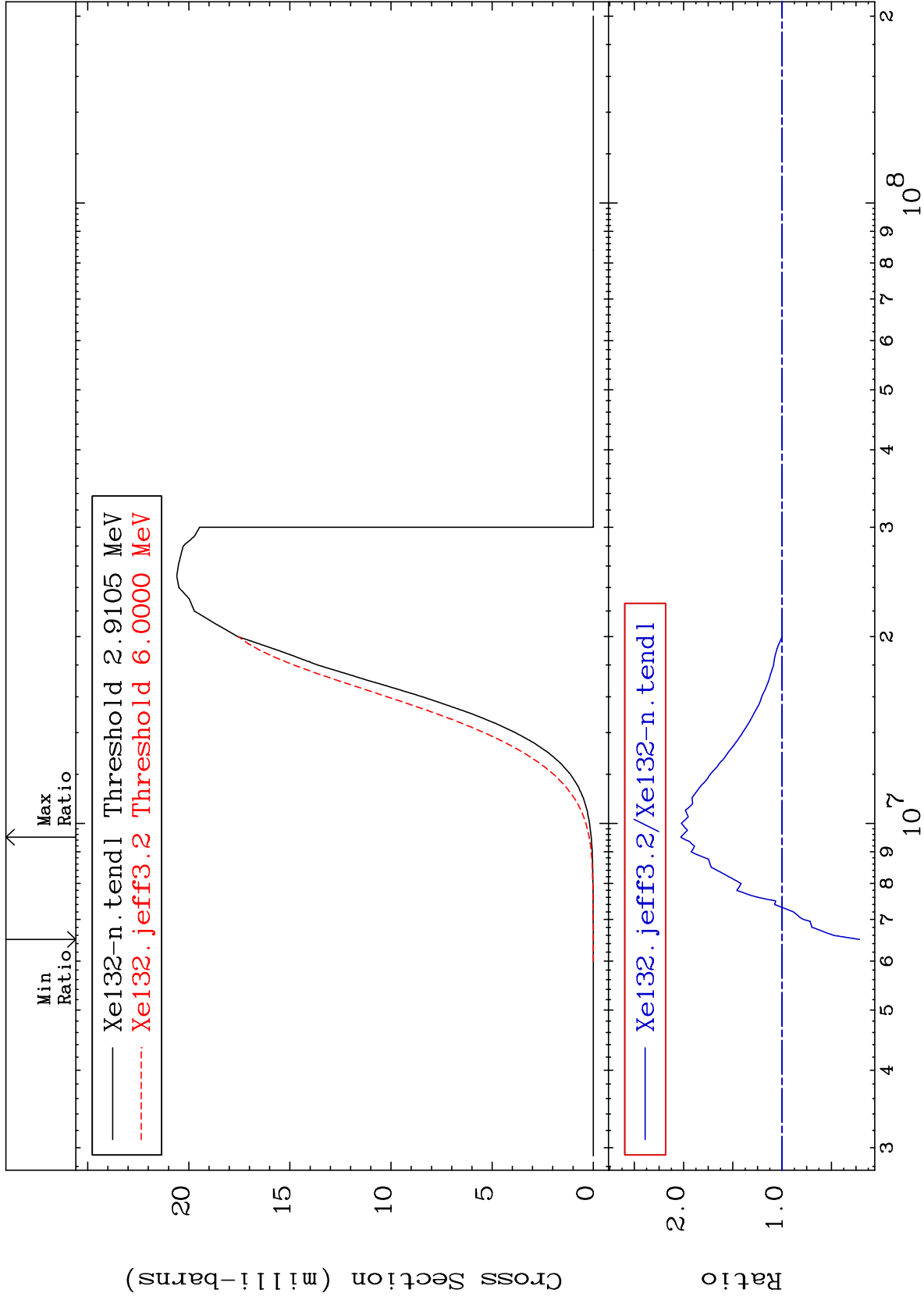
MAT 5449

(n,p)

54-Xe-132

Cross Section

-78.63 To 102.9 %



27

Incident Energy (eV)

54-Xe-132

MAT 5449

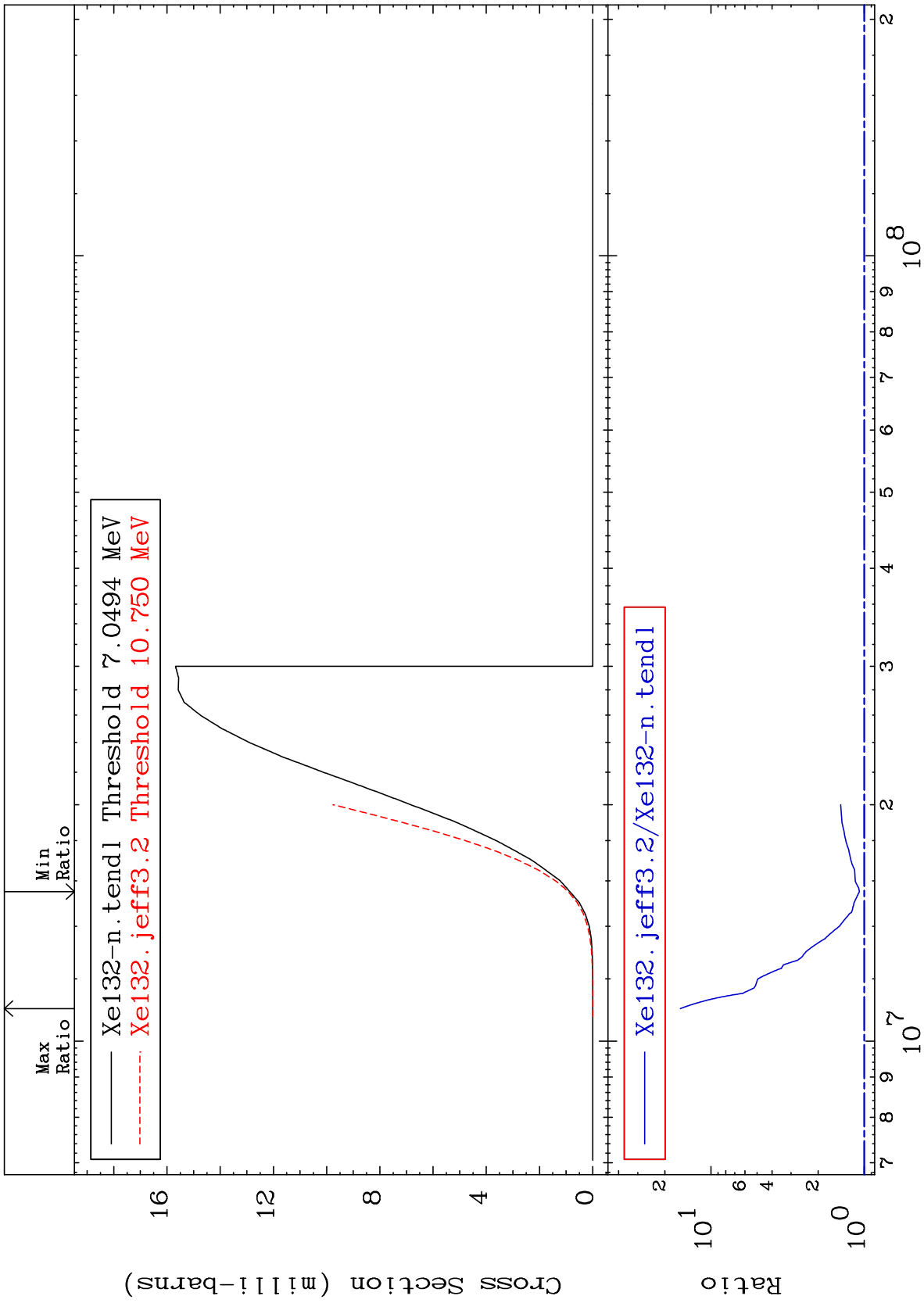
(n, d)

54-Xe-132

Cross Section

7.563

To 1483. %



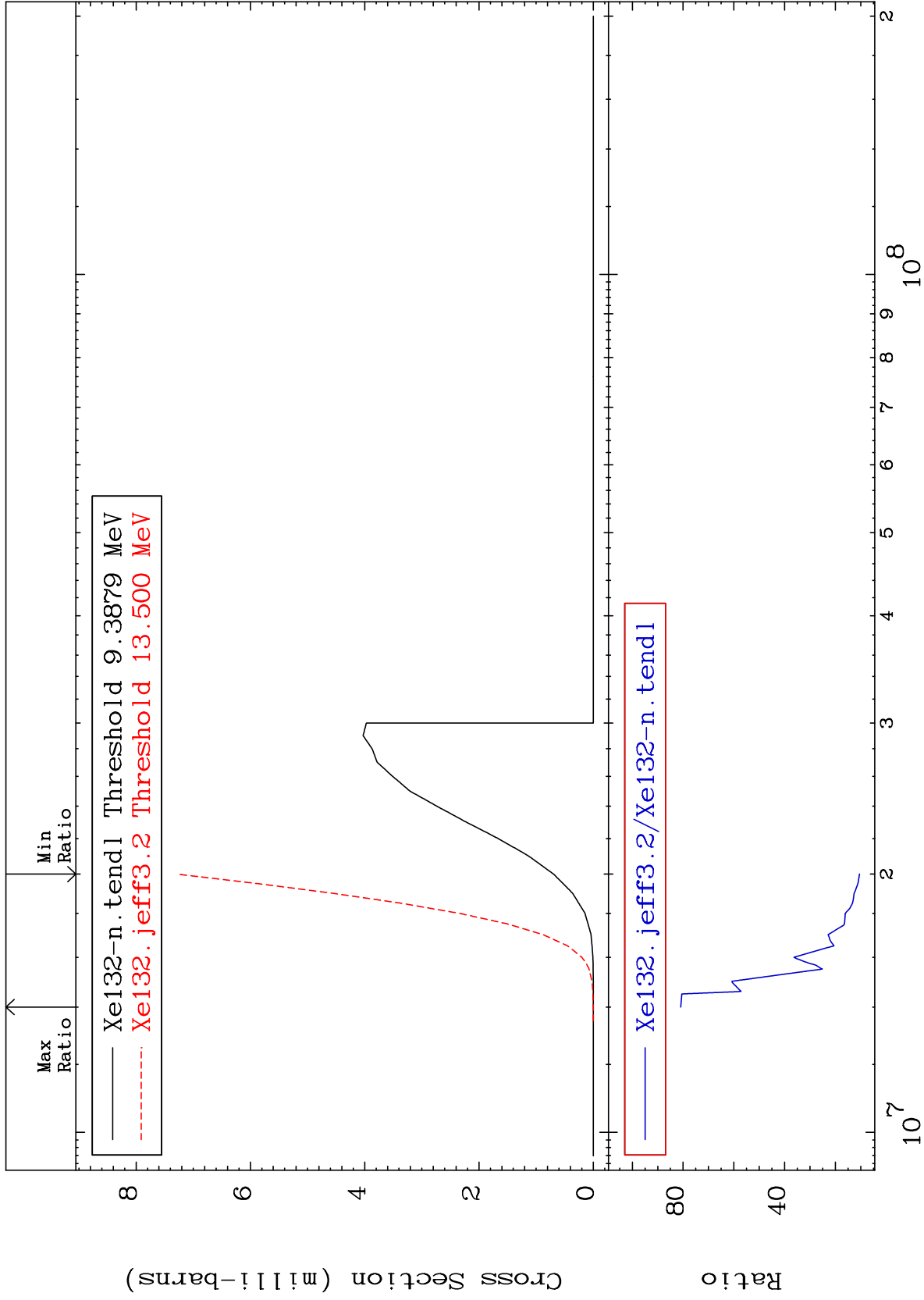
MAT 5449

(n, t)

54-Xe-132

Cross Section

949.1 To 7992.1 %



29

Incident Energy (eV)

54-Xe-132

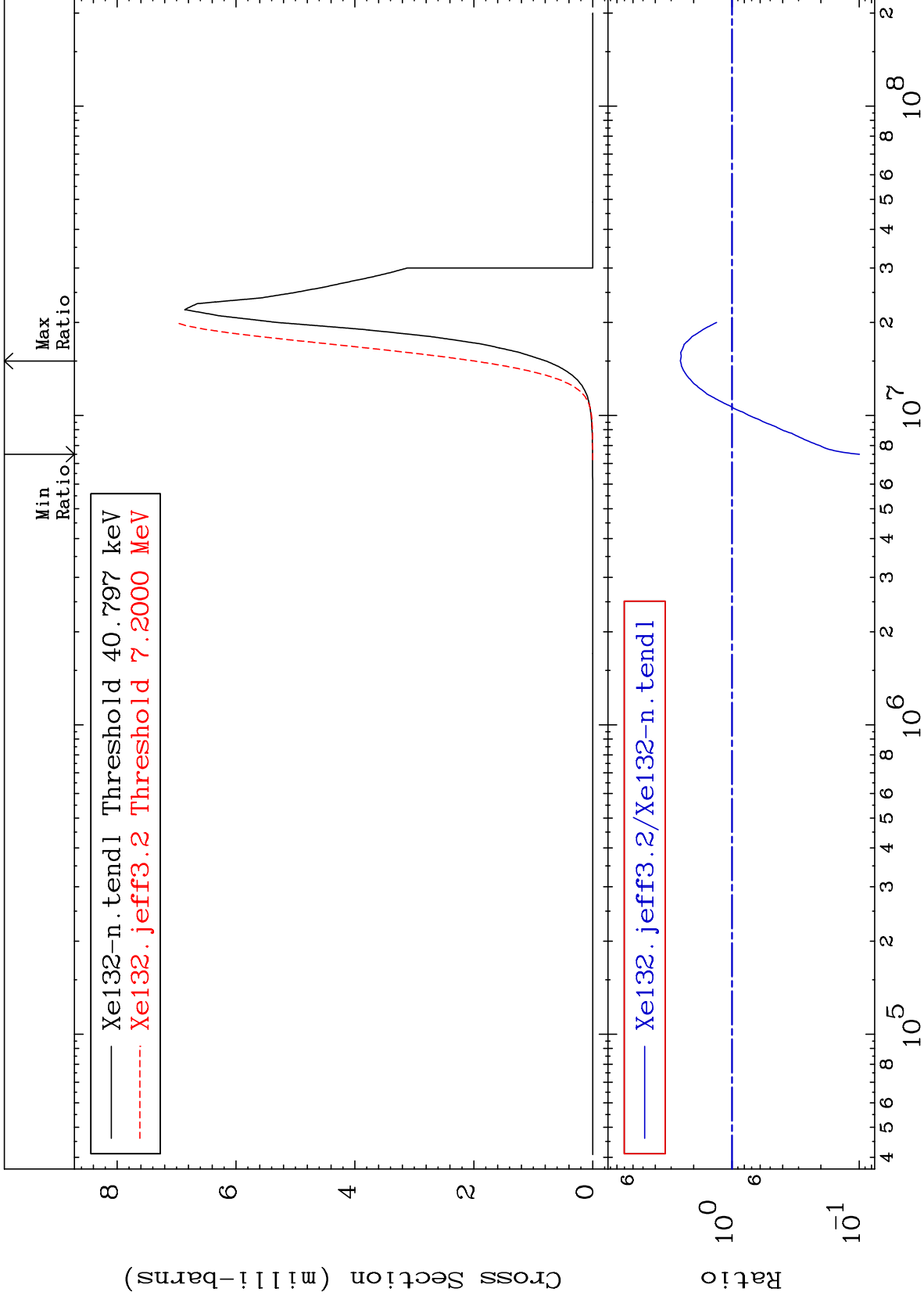
MAT 5449

(n,  $\alpha$ )

54-Xe-132

Cross Section

-90.03 To 154.2 %



30

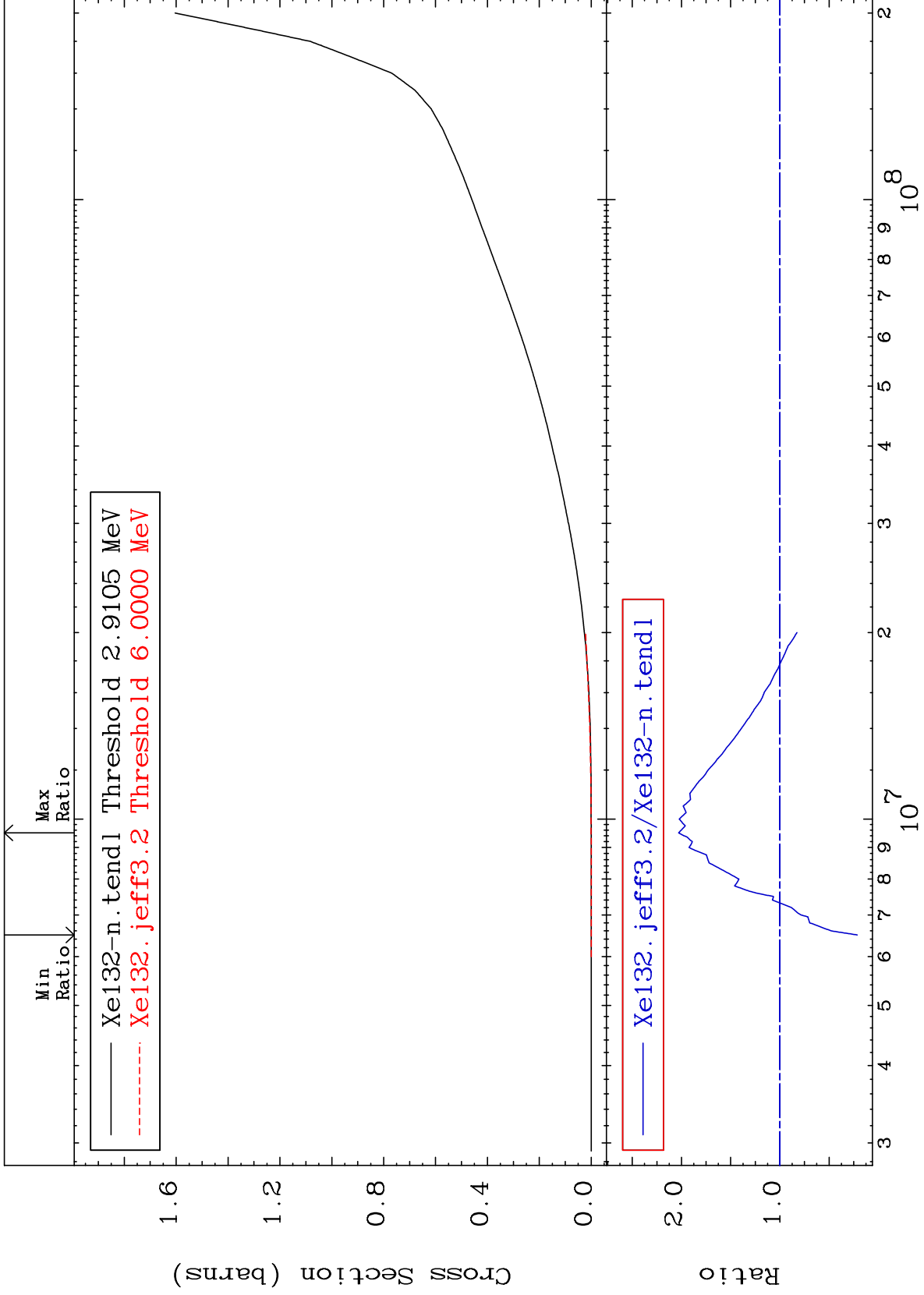
Incident Energy (eV)

54-Xe-132

MAT 5449

Hydrogen Production  
Cross Section

54-Xe-132  
-78.63 To 102.9 %



31

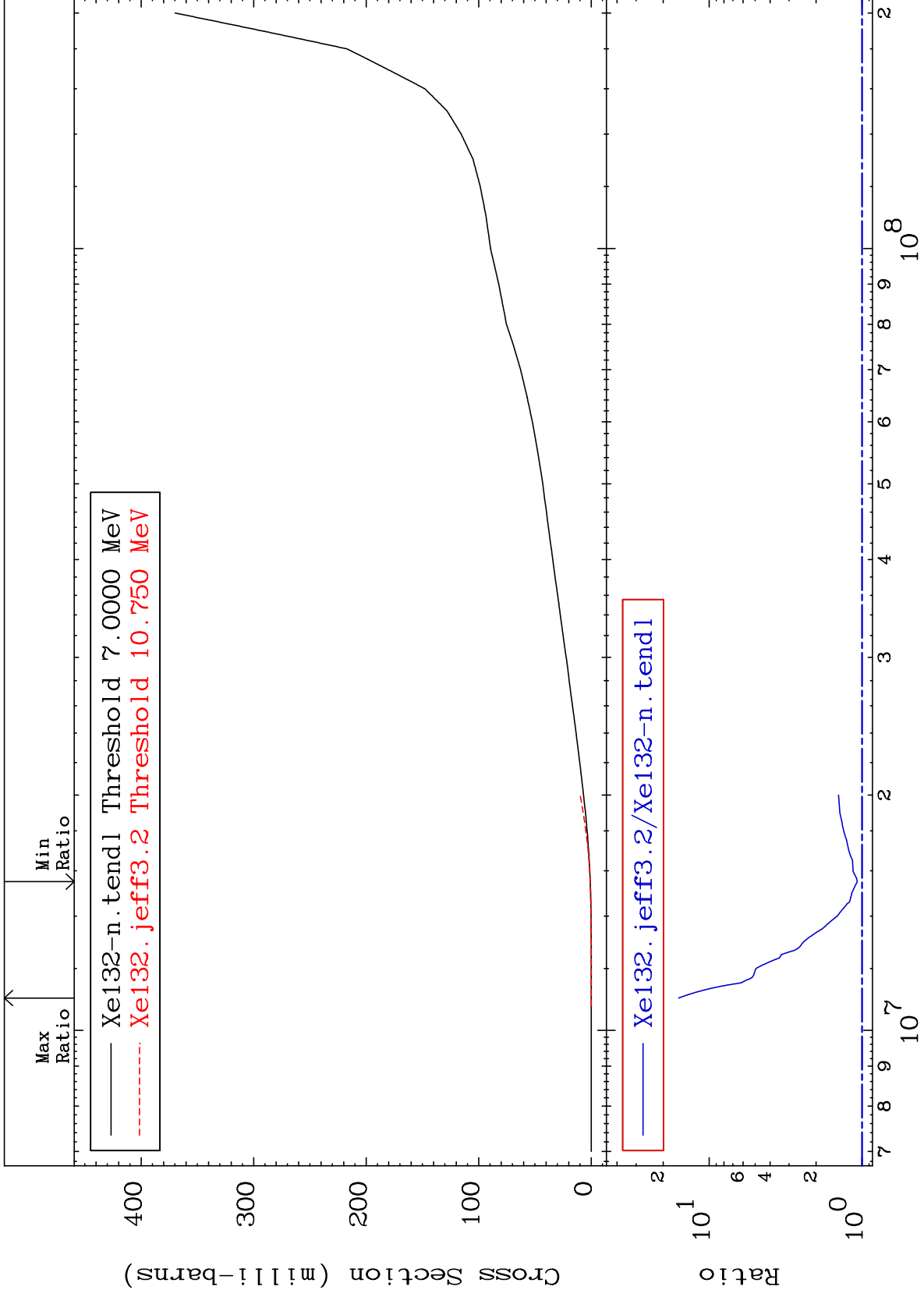
Incident Energy (eV)

54-Xe-132

MAT 5449

Deuterium Production  
Cross Section

54-Xe-132  
7.563 To 1483. %

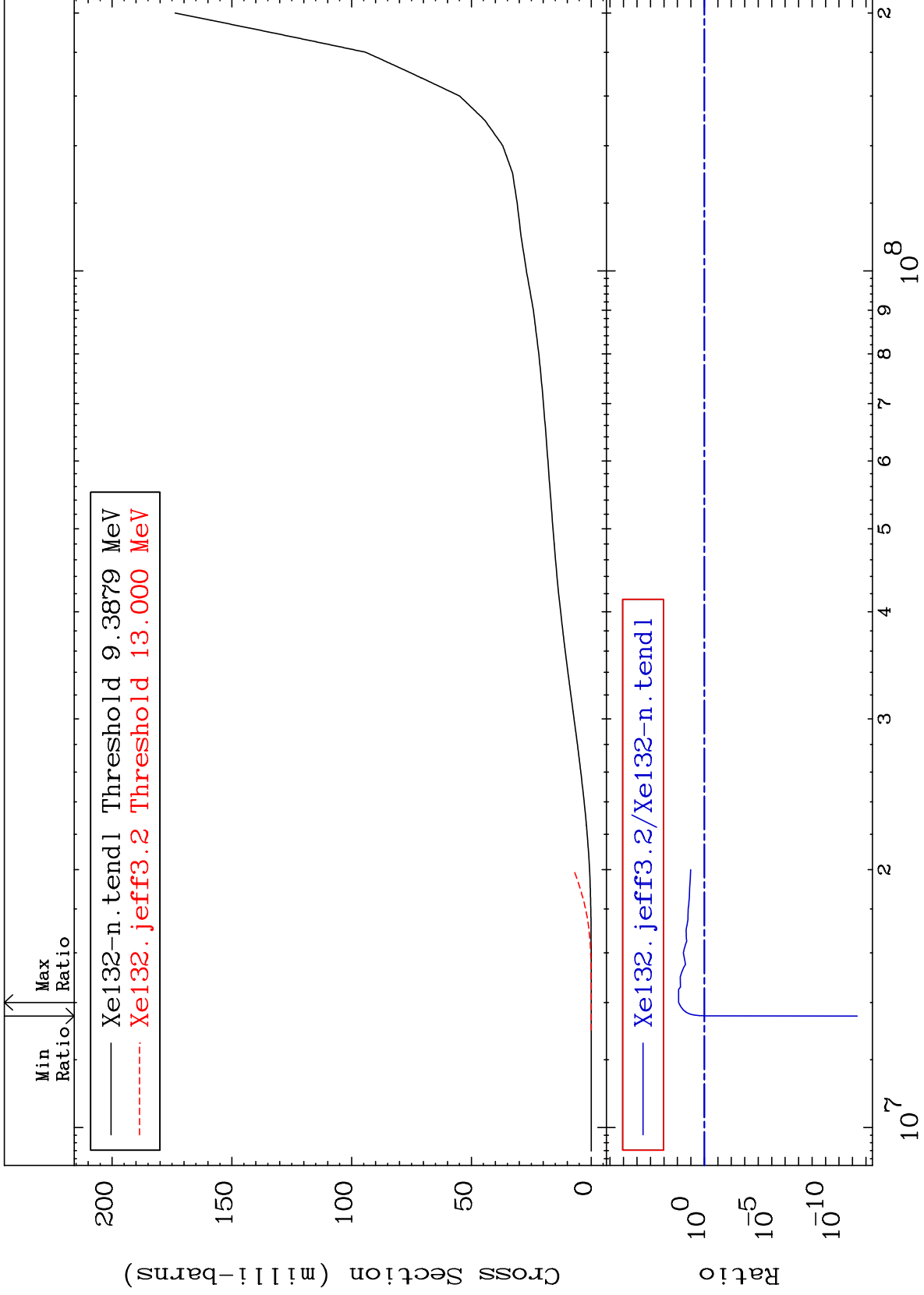




MAT 5449

Tritium Production  
Cross Section

54-Xe-132  
-100.0 To 7992. %



33

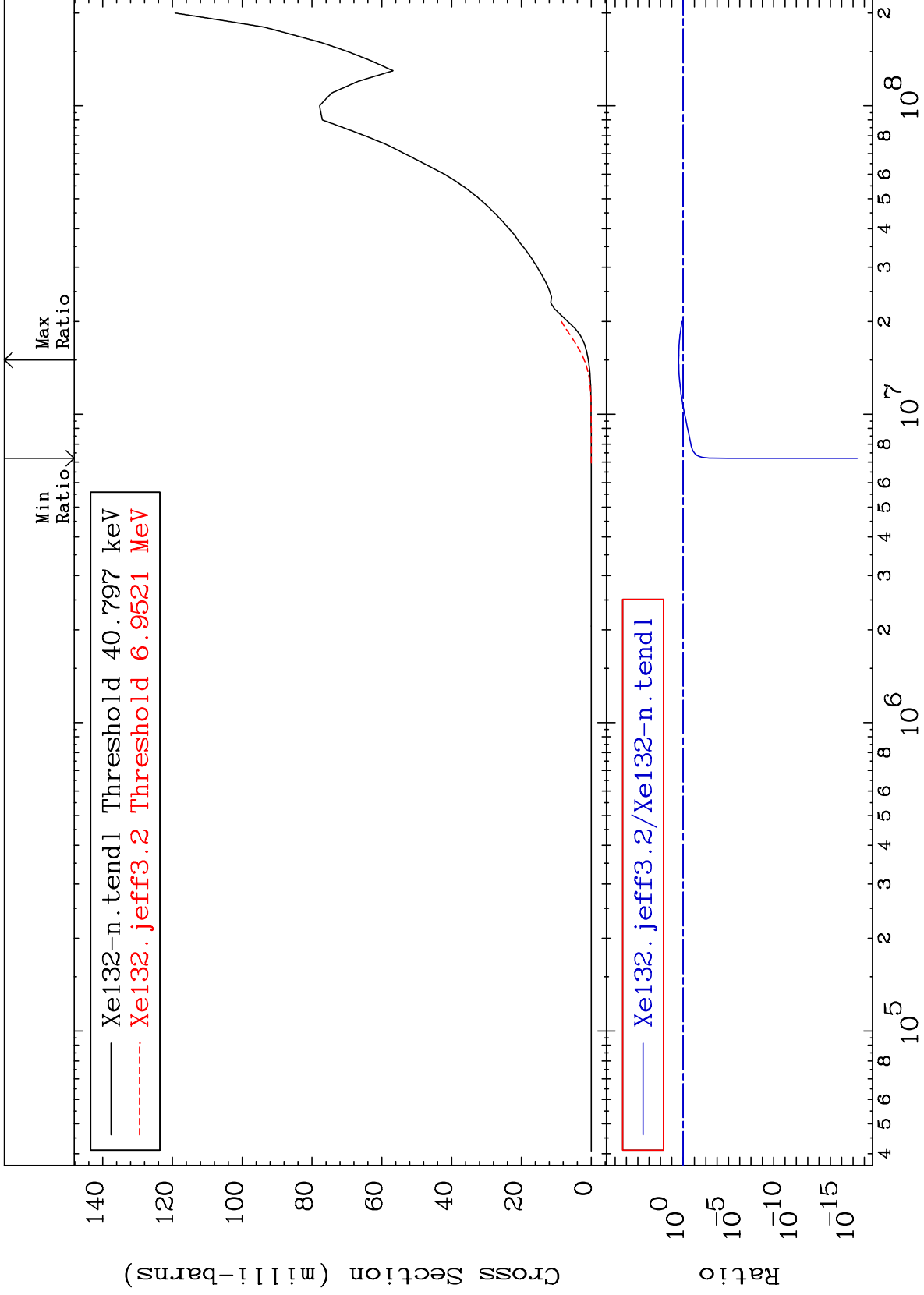
Incident Energy (eV)

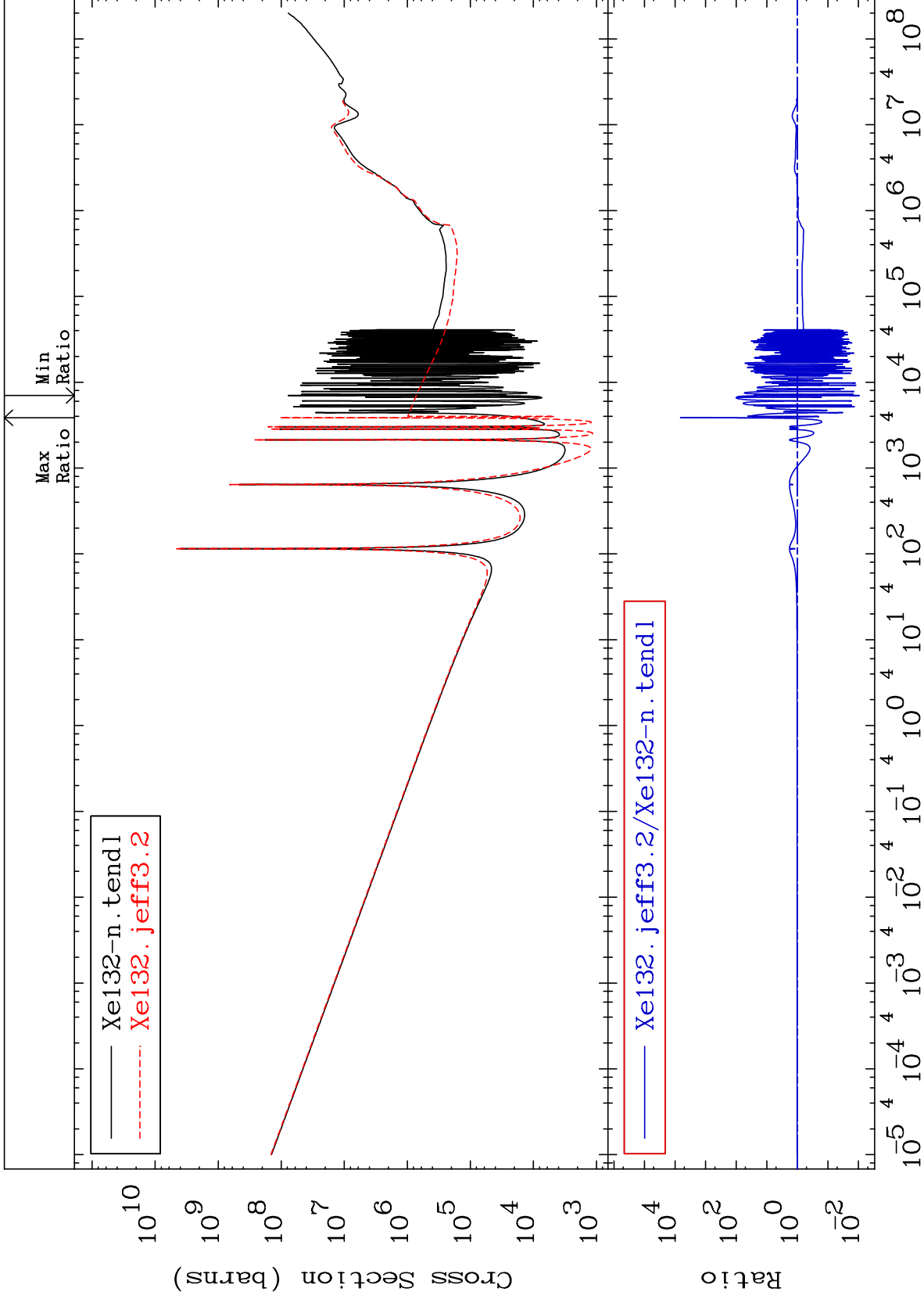
54-Xe-132

MAT 5449

He-4 Production  
Cross Section

54-Xe-132  
-100.0 To 146.8 %

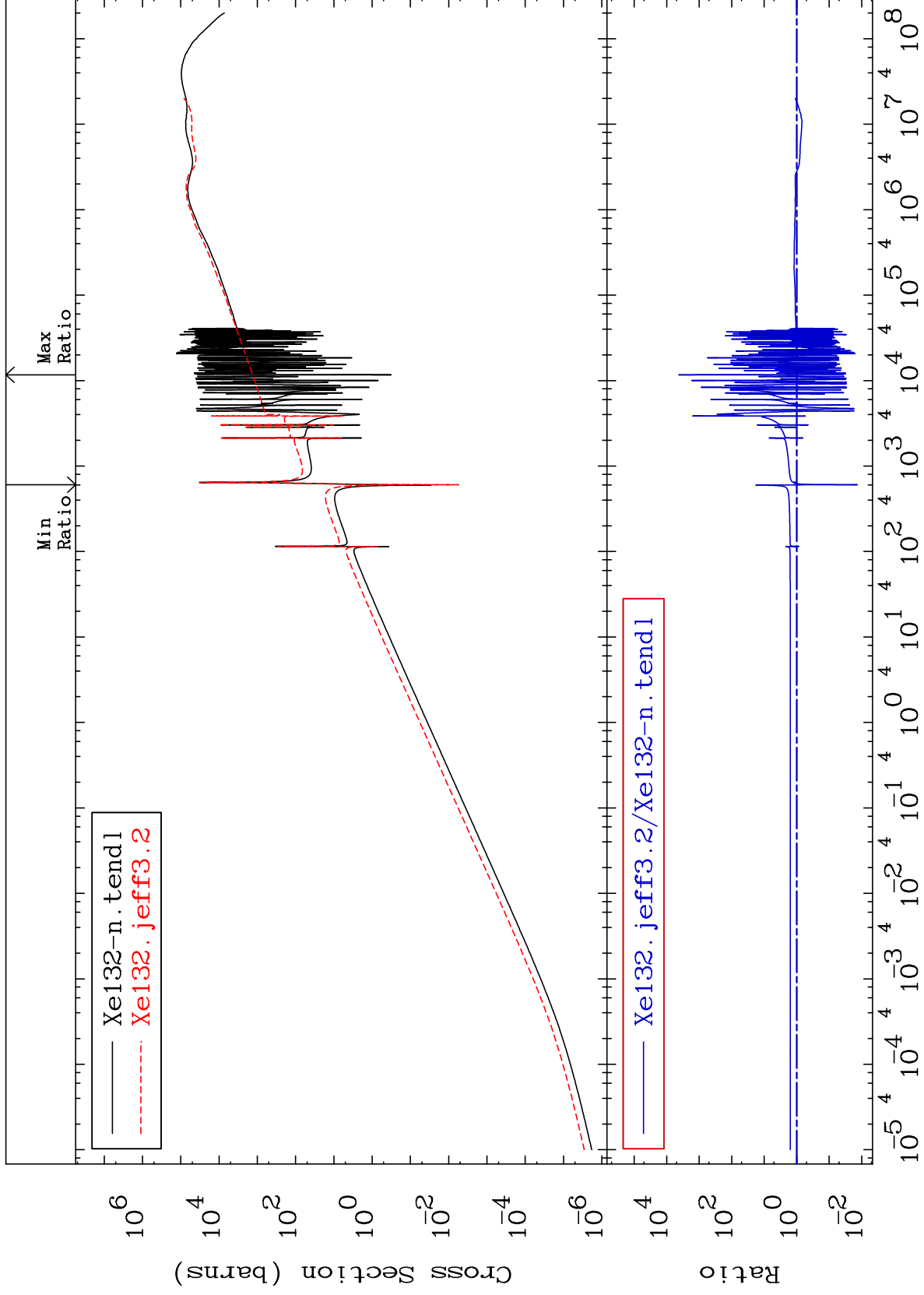


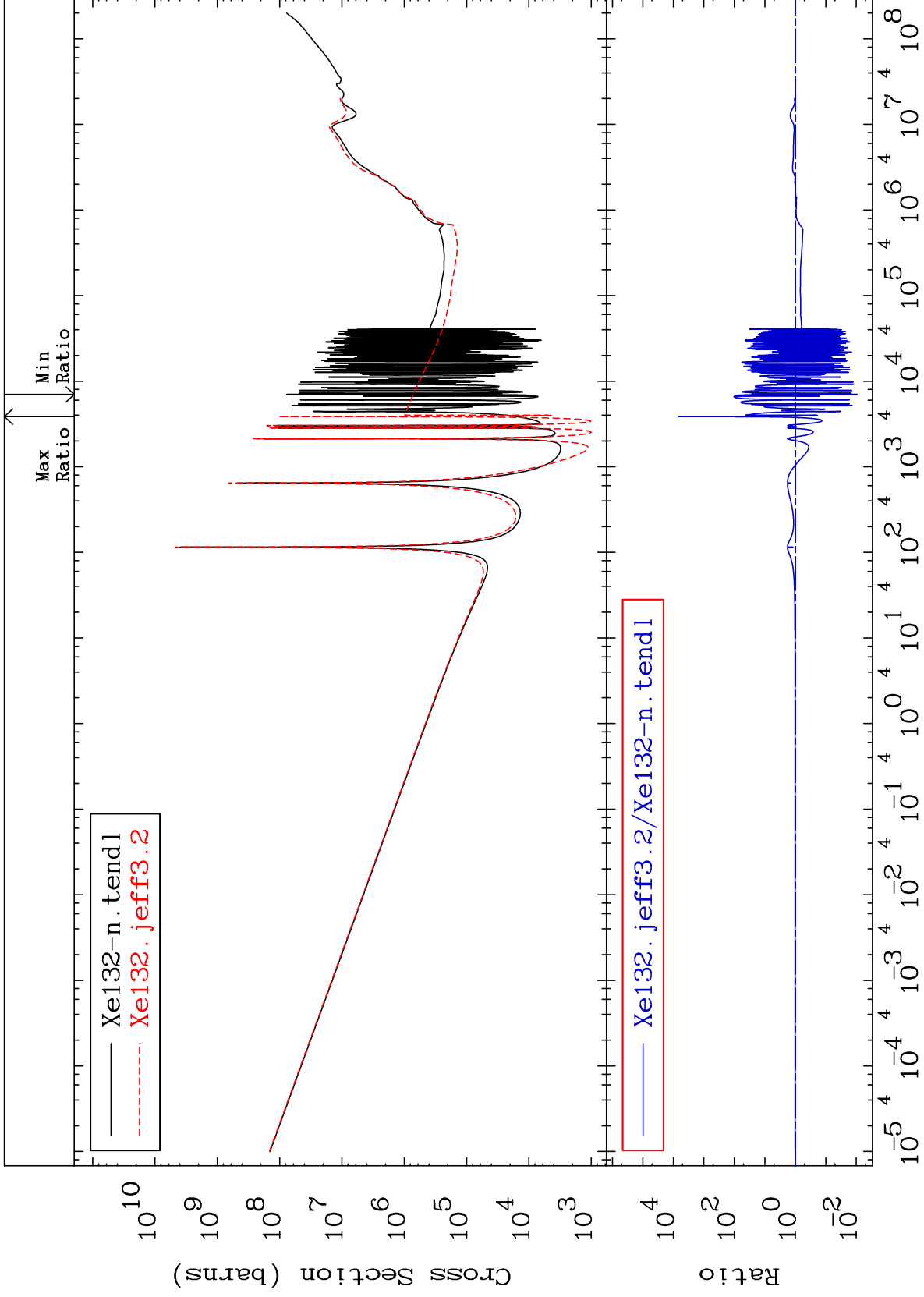


MAT 5449

Kerma elastic  
Cross Section

54-Xe-132  
-98.64 To 9999. %

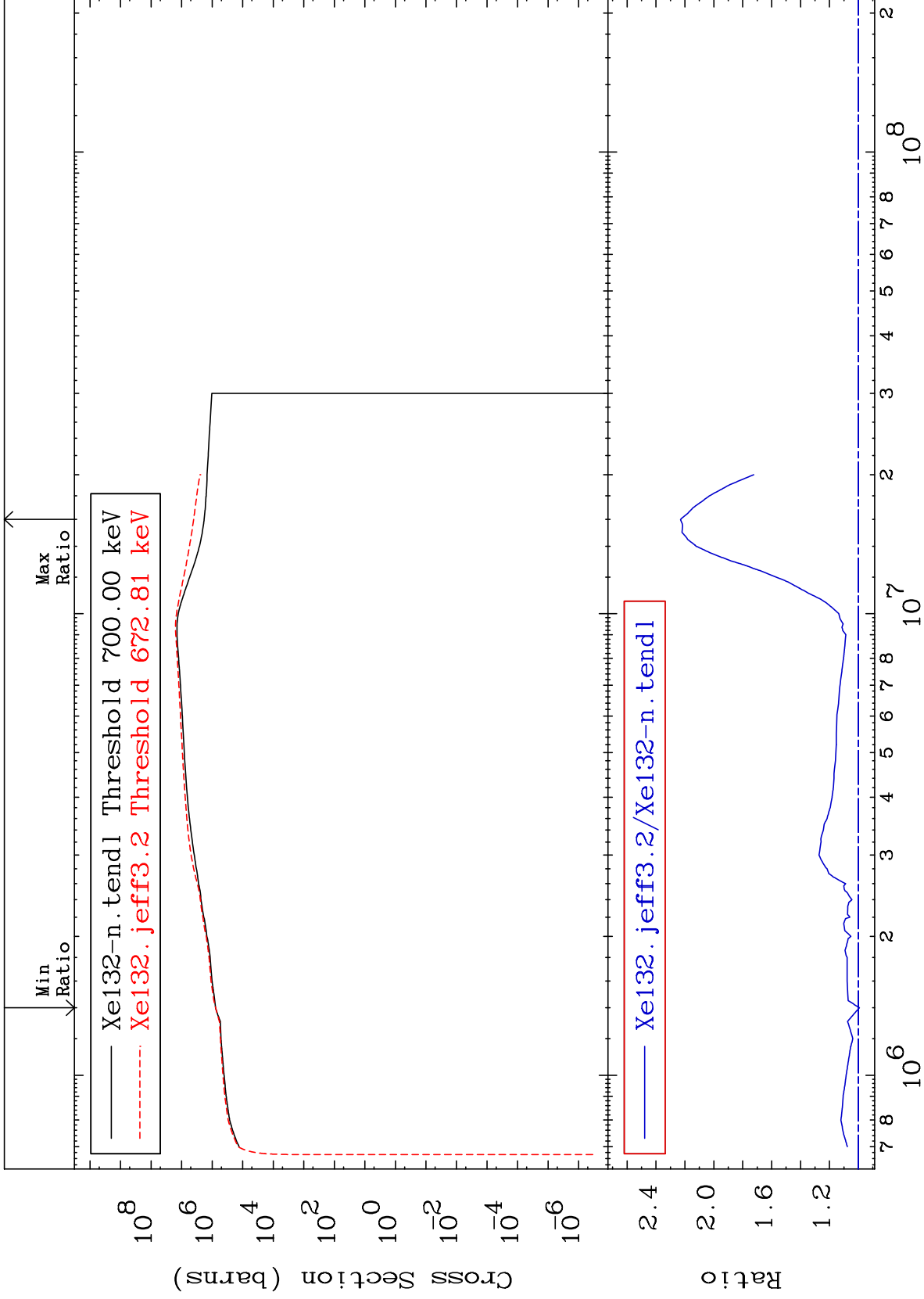




MAT 5449

Kerma inelastic (mt51-91)  
Cross Section

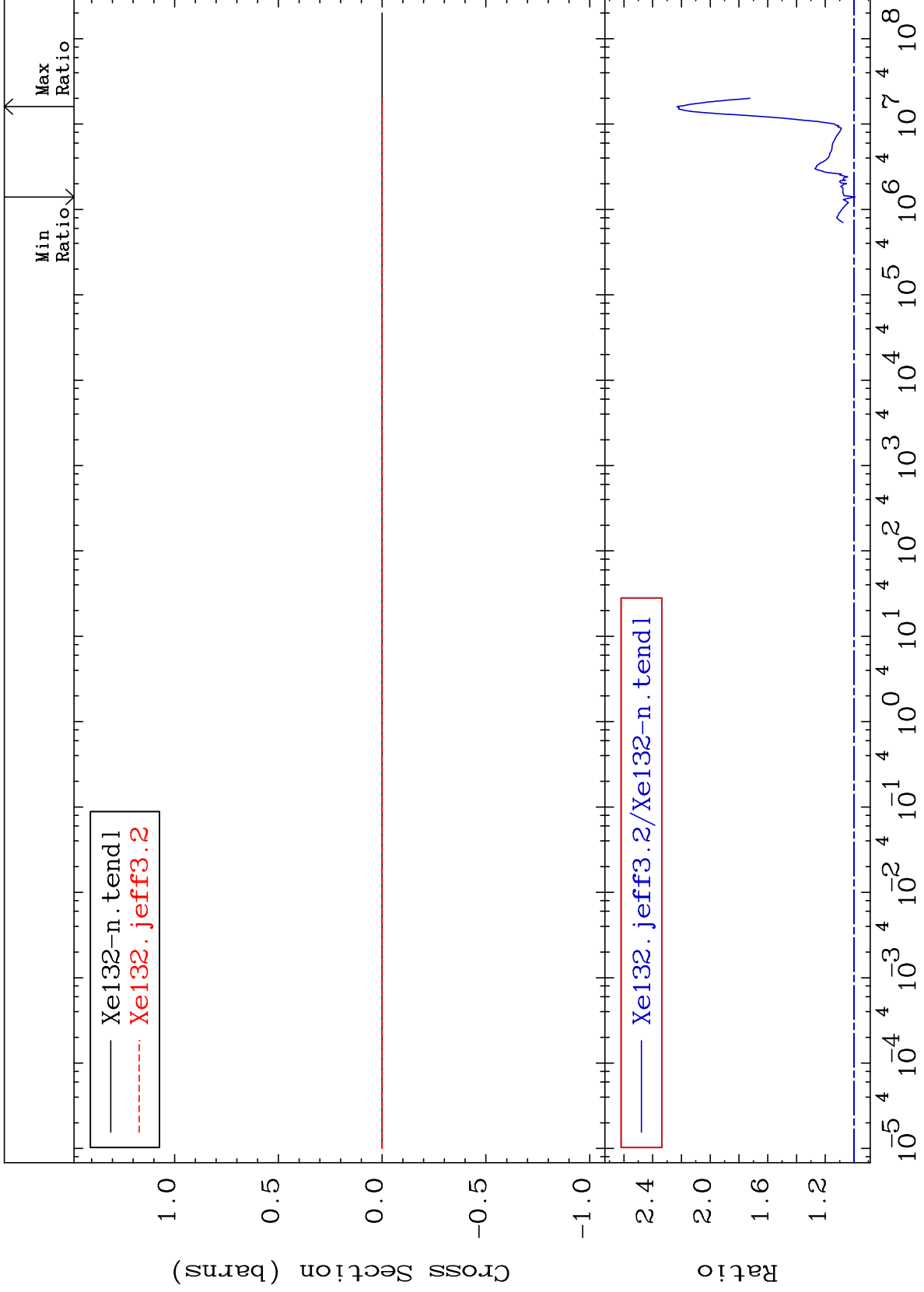
54-Xe-132  
-0.730 To 123.1 %



MAT 5449

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

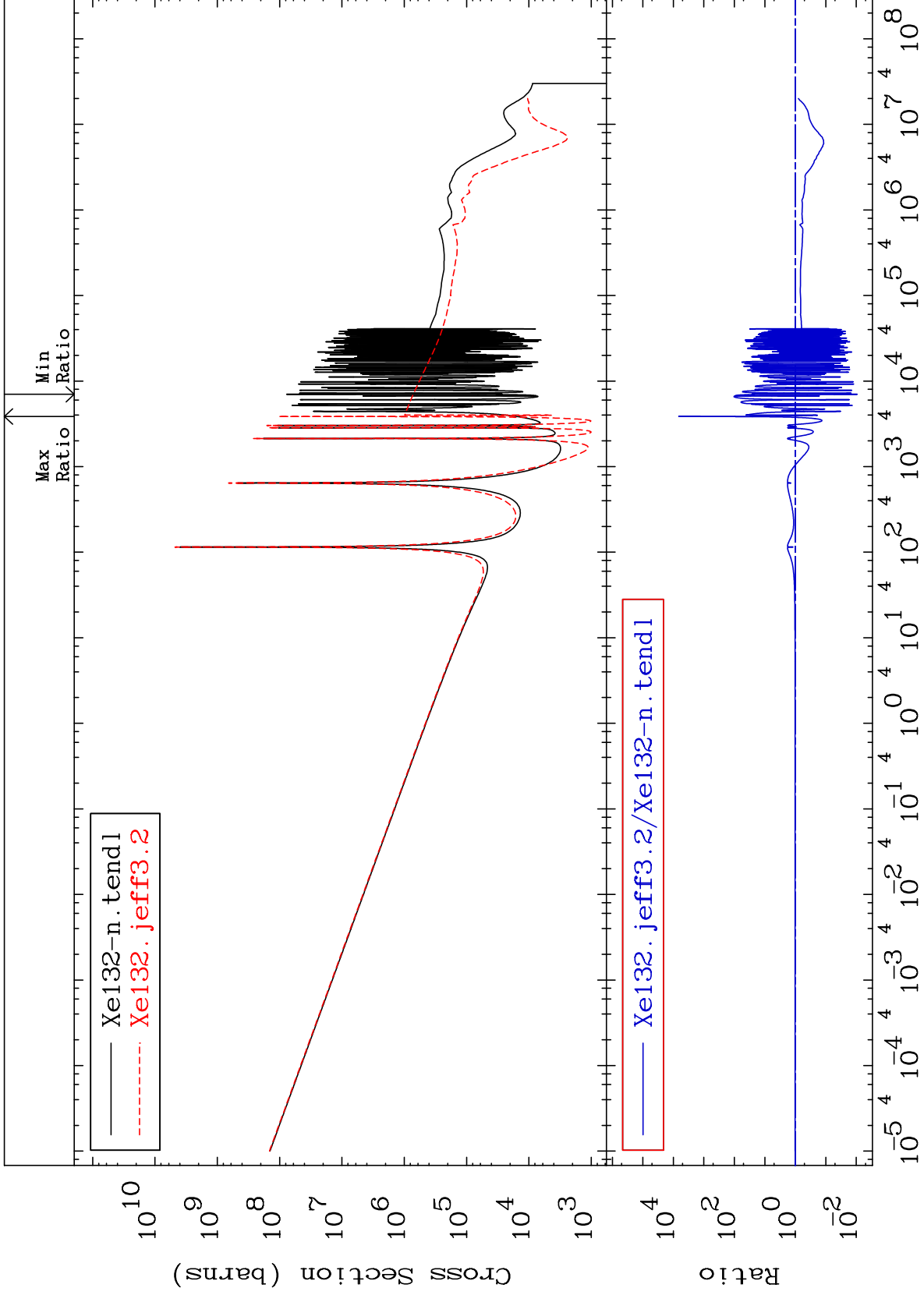
54-Xe-132  
-0.730 To 123.1 %



MAT 5449

Kerma capture (mt102)  
Cross Section

54-Xe-132  
-99.07 To 9999. %



40

Incident Energy (eV)

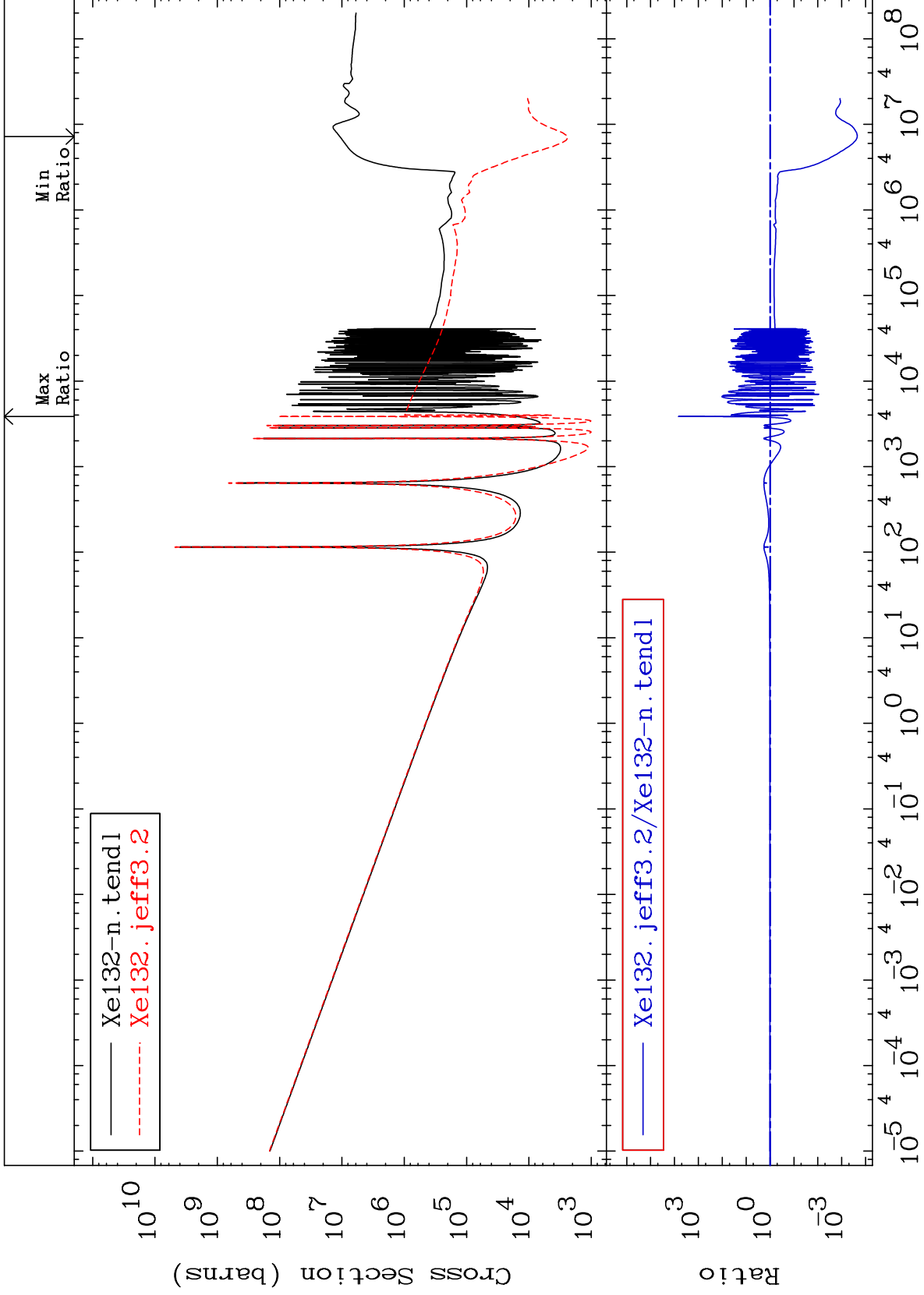
54-Xe-132



MAT 5449

Total photon (eV-barns)  
Cross Section

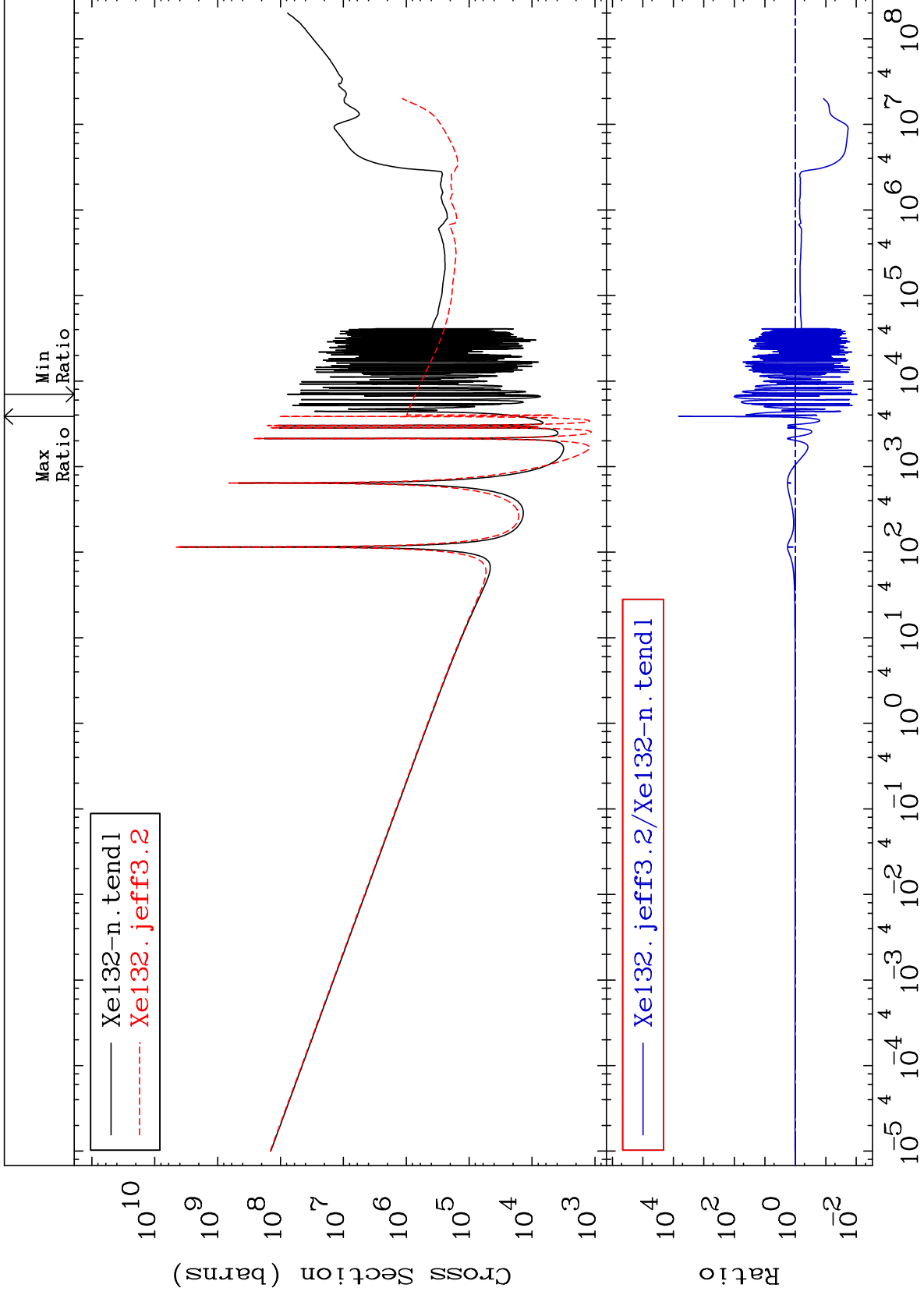
54-Xe-132  
-99.98 To 9999. %



41

Incident Energy (eV)

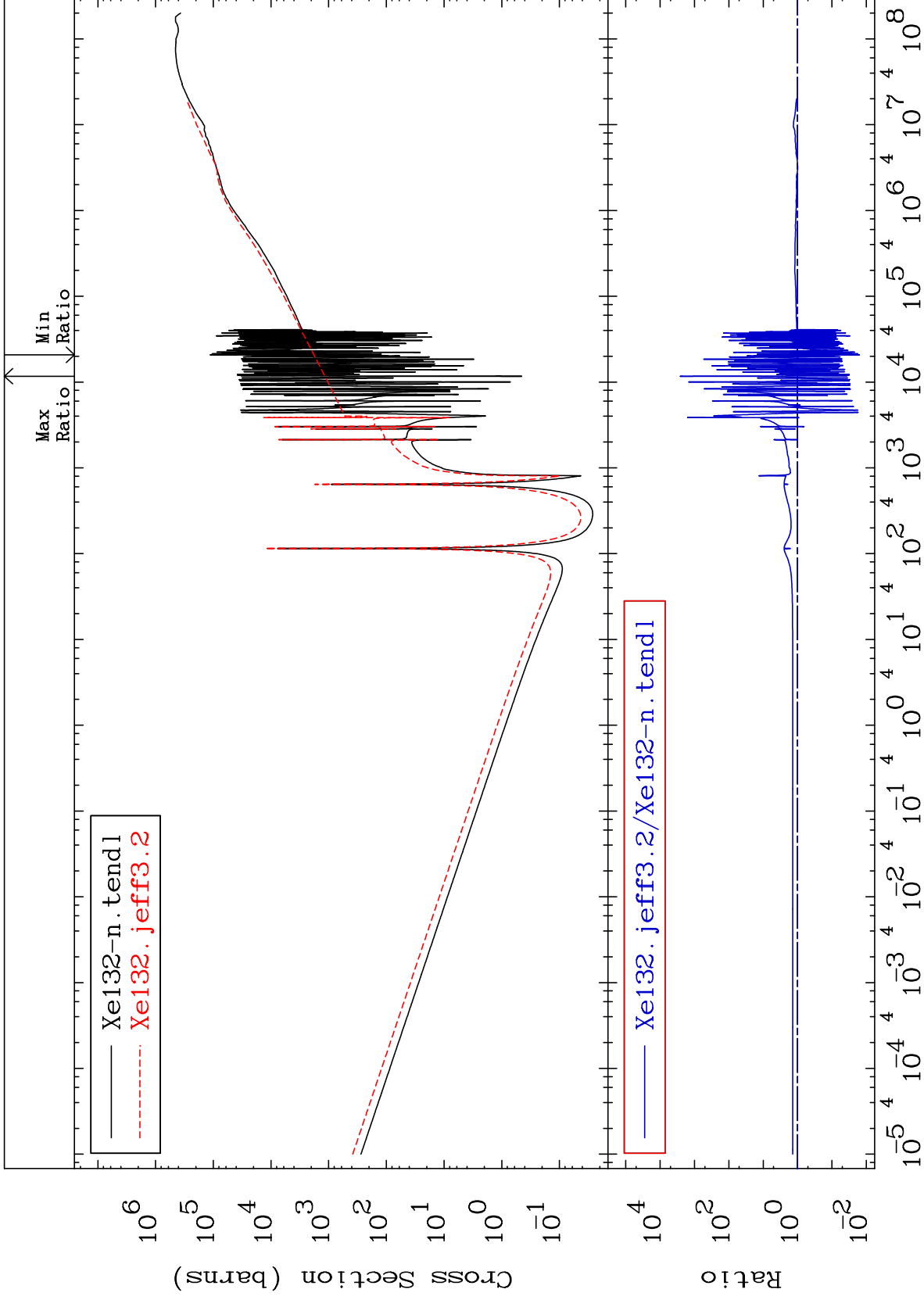
54-Xe-132



MAT 5449

Dpa total (eV-barns)  
Cross Section

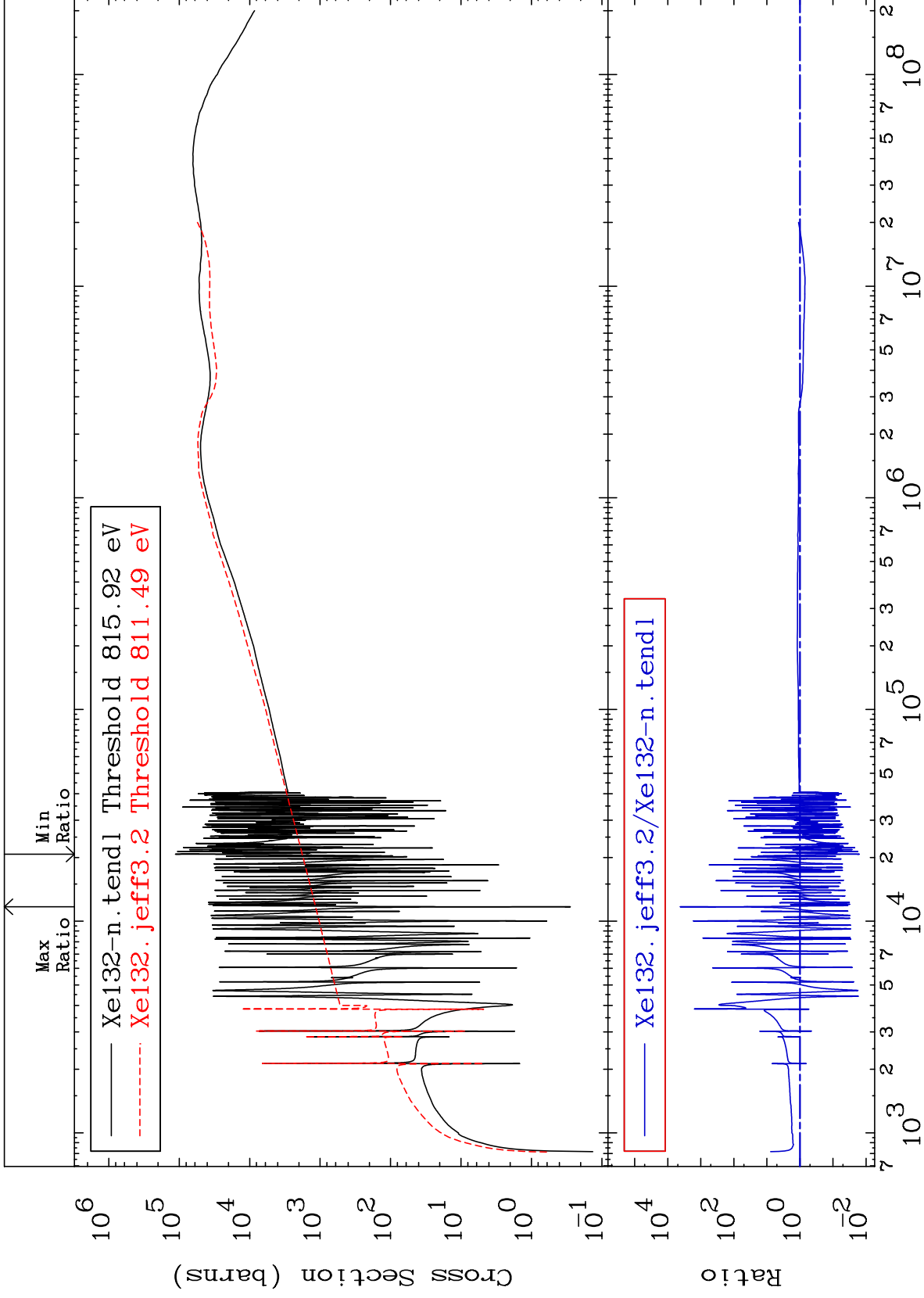
54-Xe-132  
-98.41 To 9999. %



MAT 5449

Dpa elastic (mt2)  
Cross Section

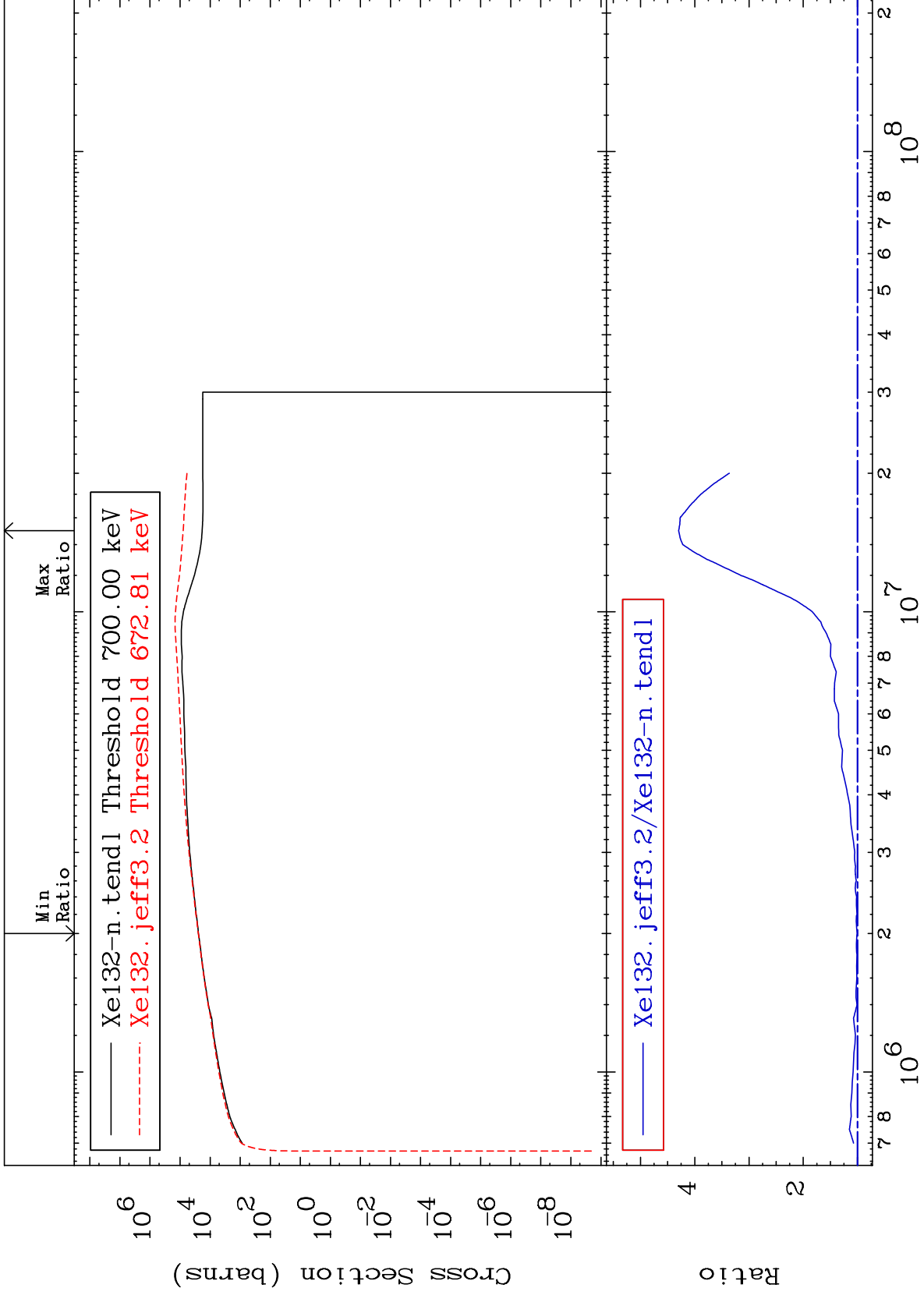
54-Xe-132  
-98.41 To 9999. %



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  
-98.73 To 9999. %

