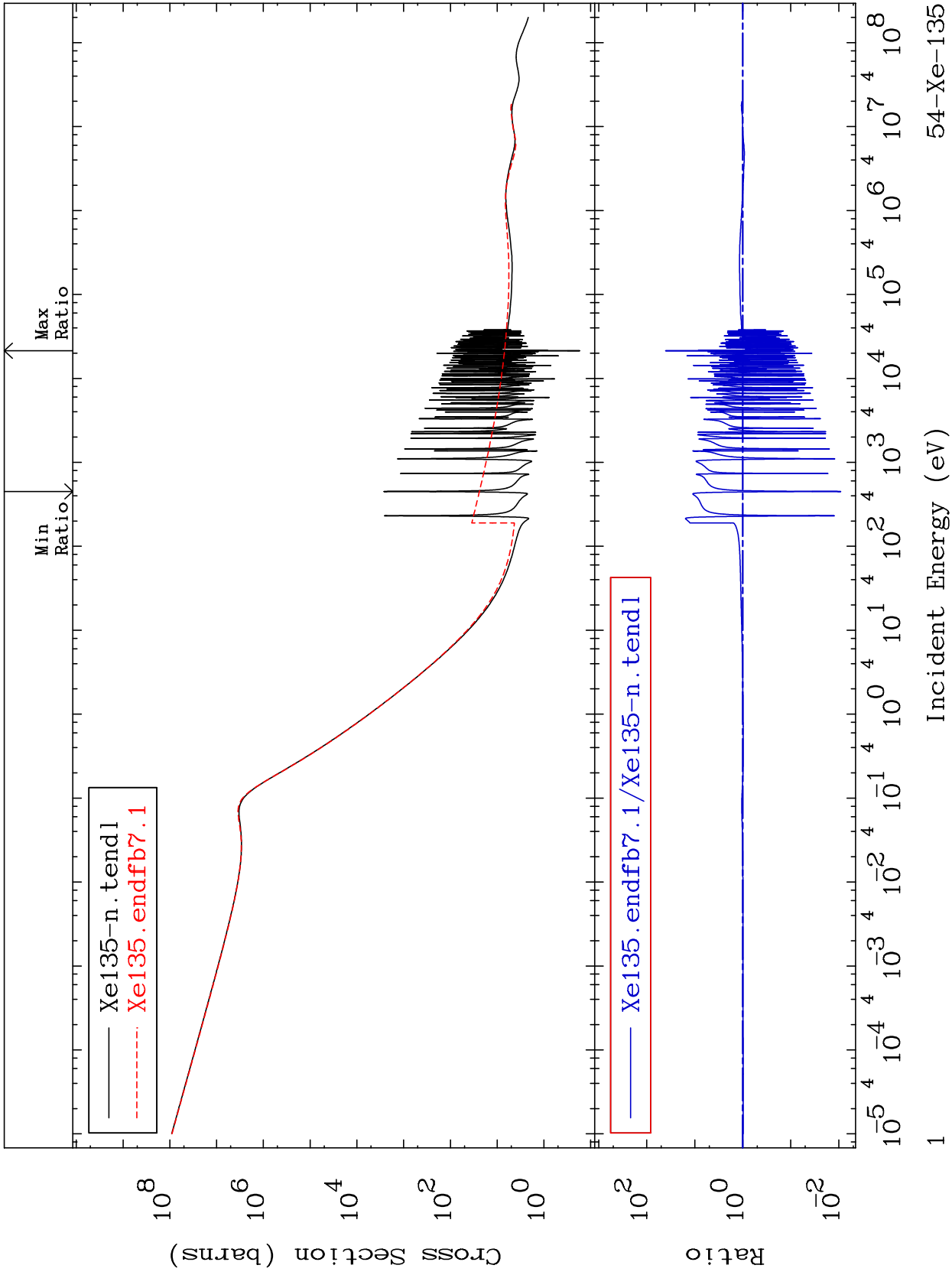


MAT 5458

Total Cross Section  
54-Xe-135  
-99.09 To 3967. %



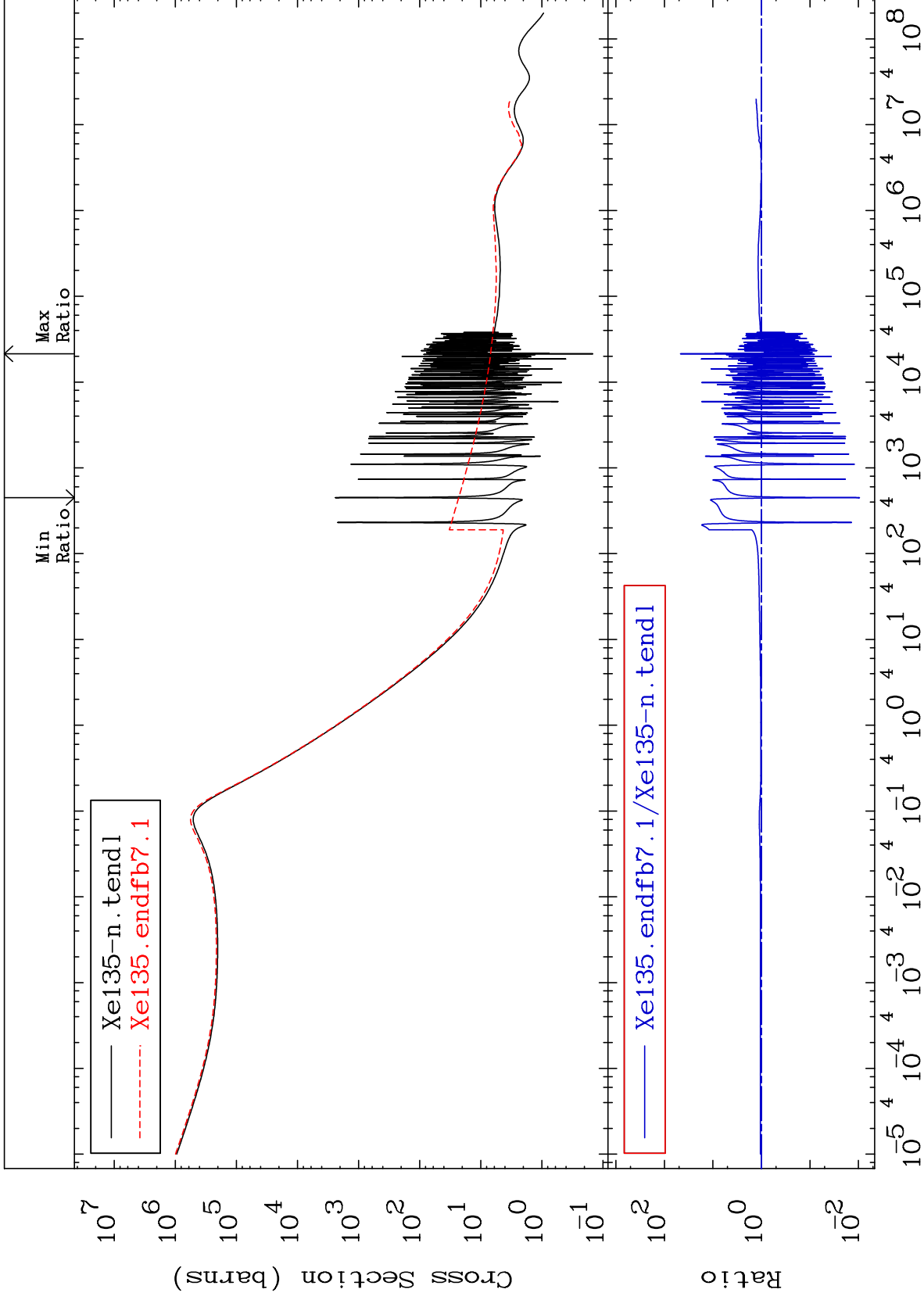
54-Xe-135

Incident Energy (eV)

MAT 5458

Elastic  
Cross Section

54-Xe-135  
-99.05 To 4595. %



Incident Energy (eV)

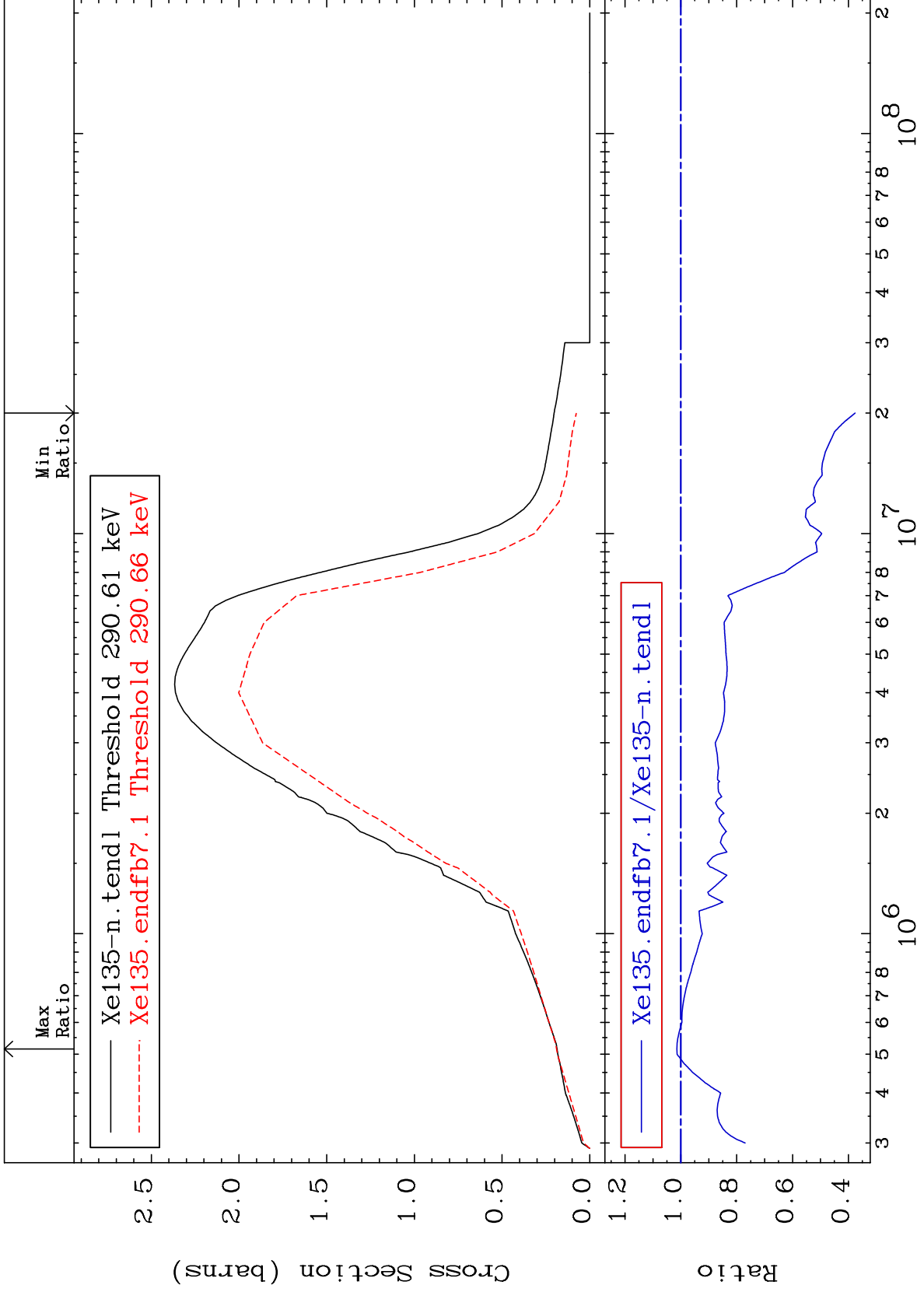
54-Xe-135

2

MAT 5458

Inelastic  
Cross Section

54-Xe-135  
-62.39 To 1.405 %



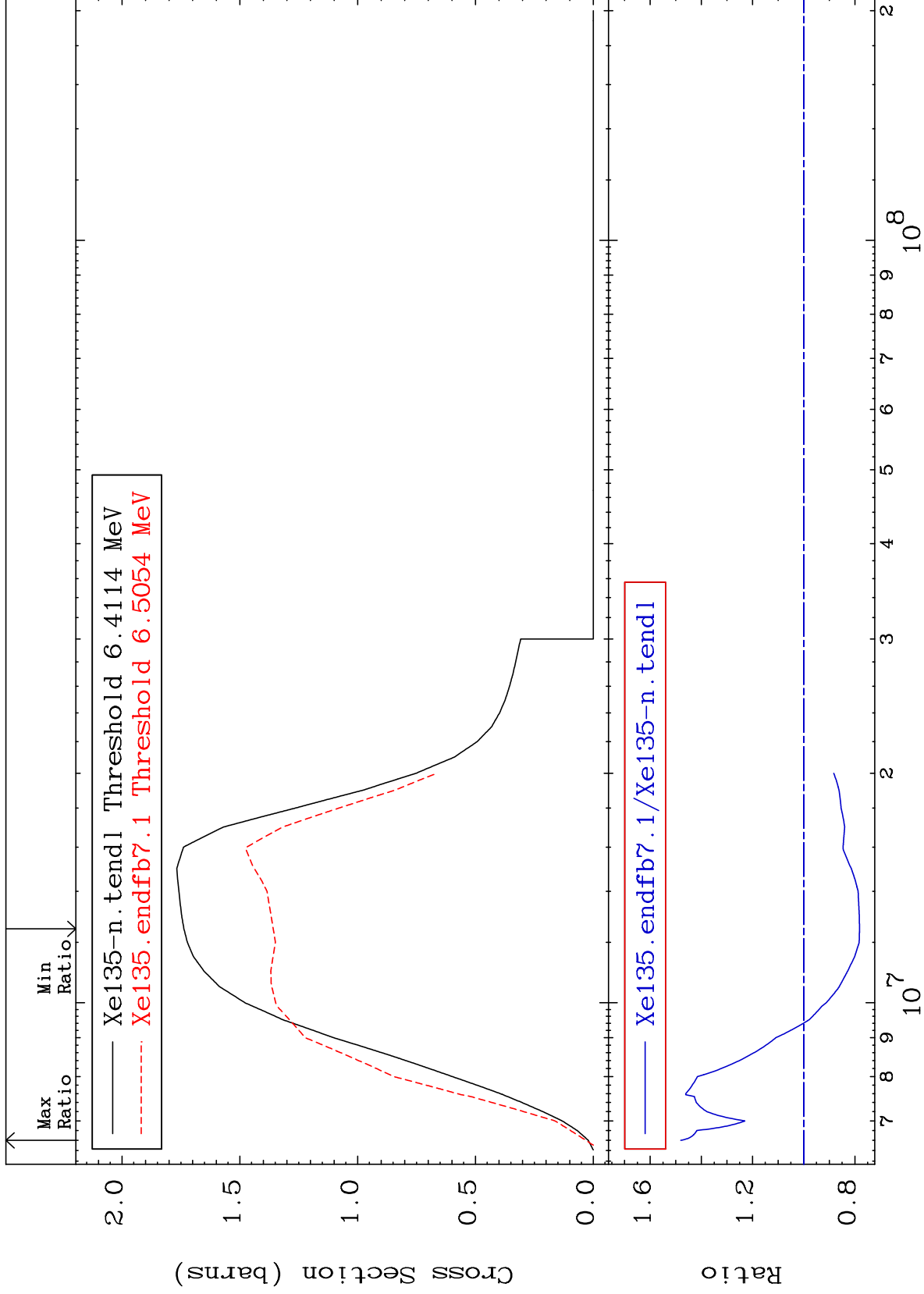
MAT 5458

(n,2n)

54-Xe-135

Cross Section

-21.83 To 48.04 %



4

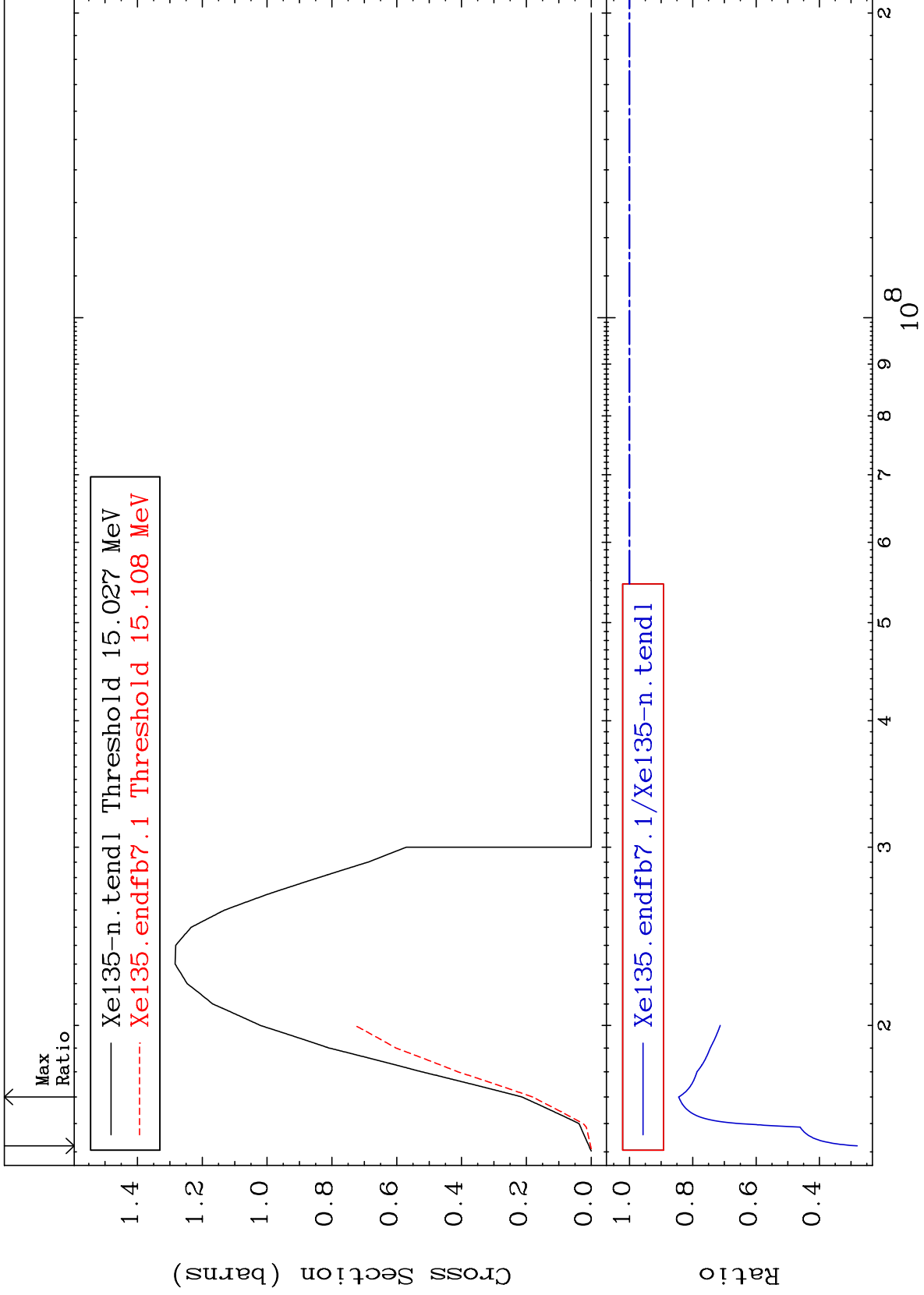
Incident Energy (eV)

54-Xe-135

MAT 5458

(n,3n)  
Cross Section

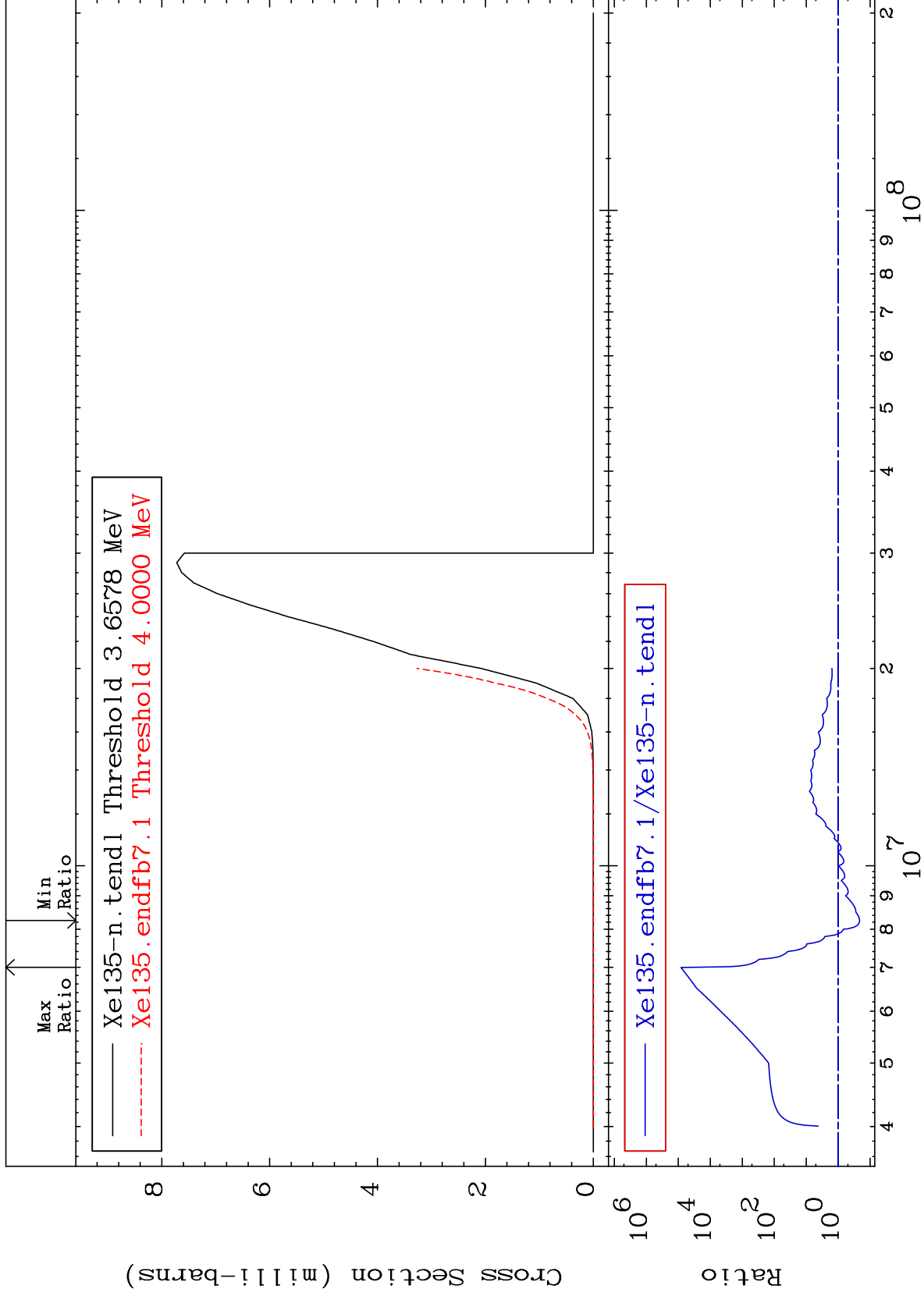
54-Xe-135  
-71.96 To -15.53%



MAT 5458

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

54-Xe-135  
-78.53 To 9999. %



6

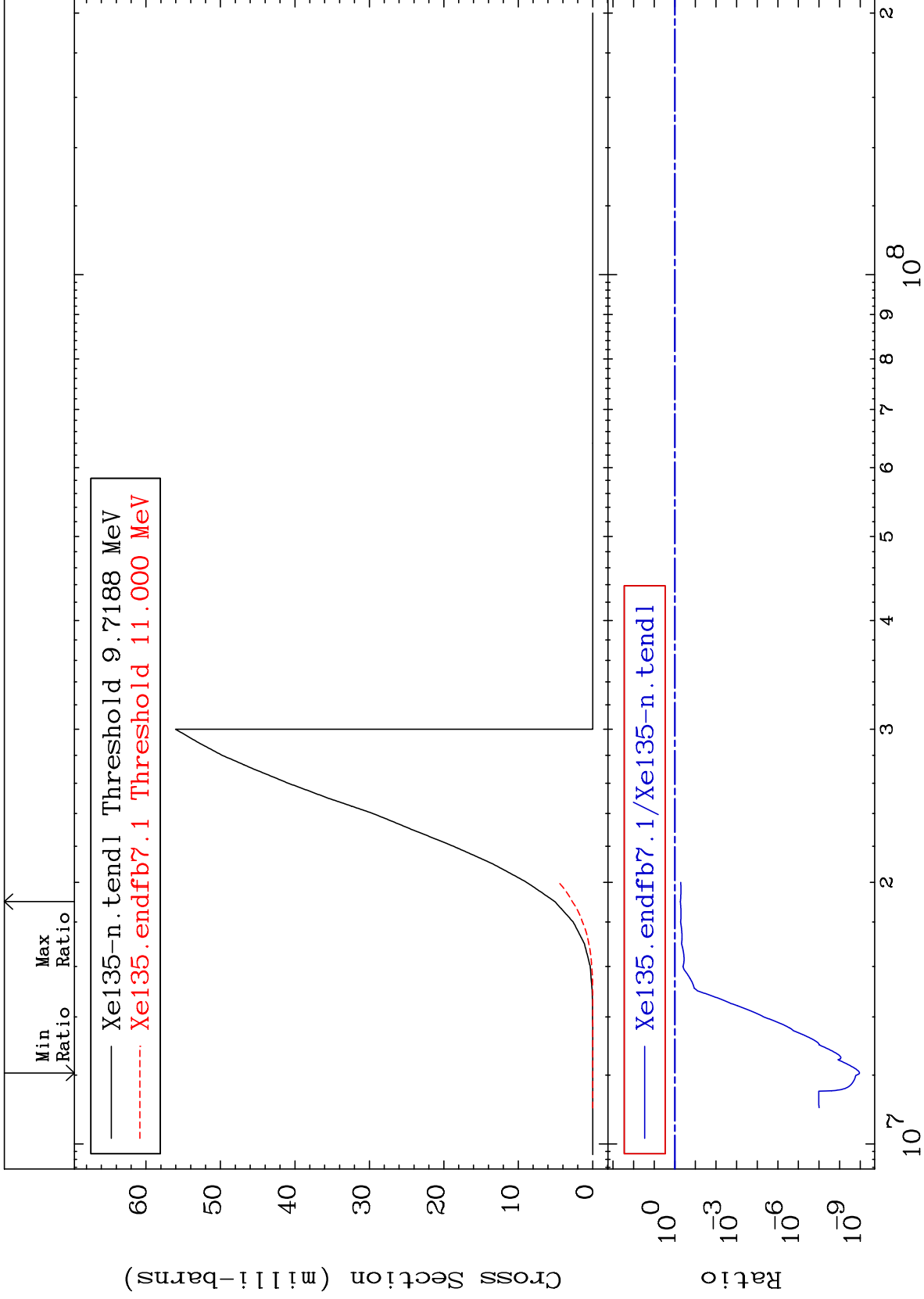
Incident Energy (eV)

54-Xe-135

MAT 5458

(n,n') p  
Cross Section

54-Xe-135  
-100.0 To -46.20%



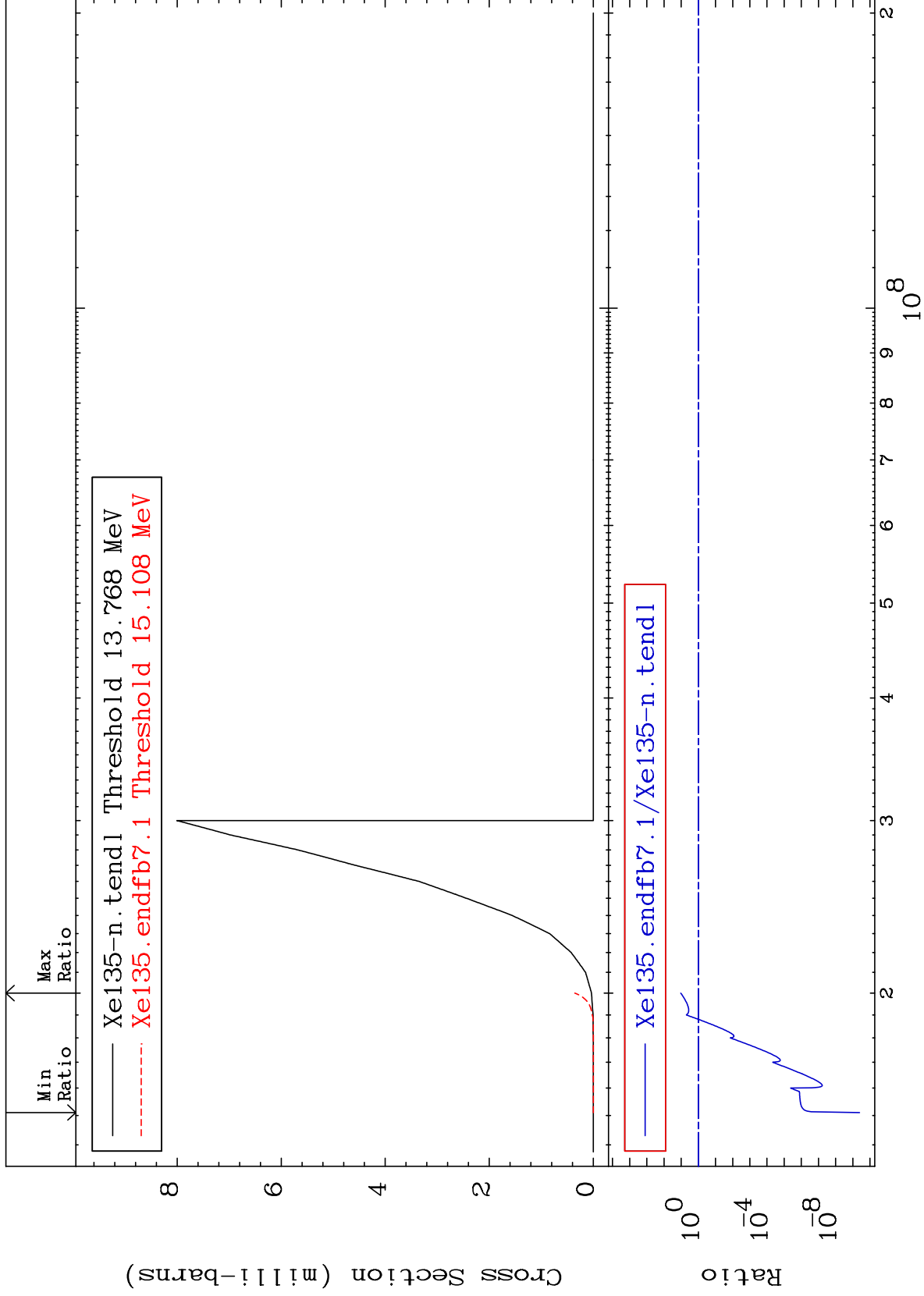
Incident Energy (eV)

54-Xe-135

MAT 5458

(n,n') d  
Cross Section

54-Xe-135  
-100.0 To 952.7 %

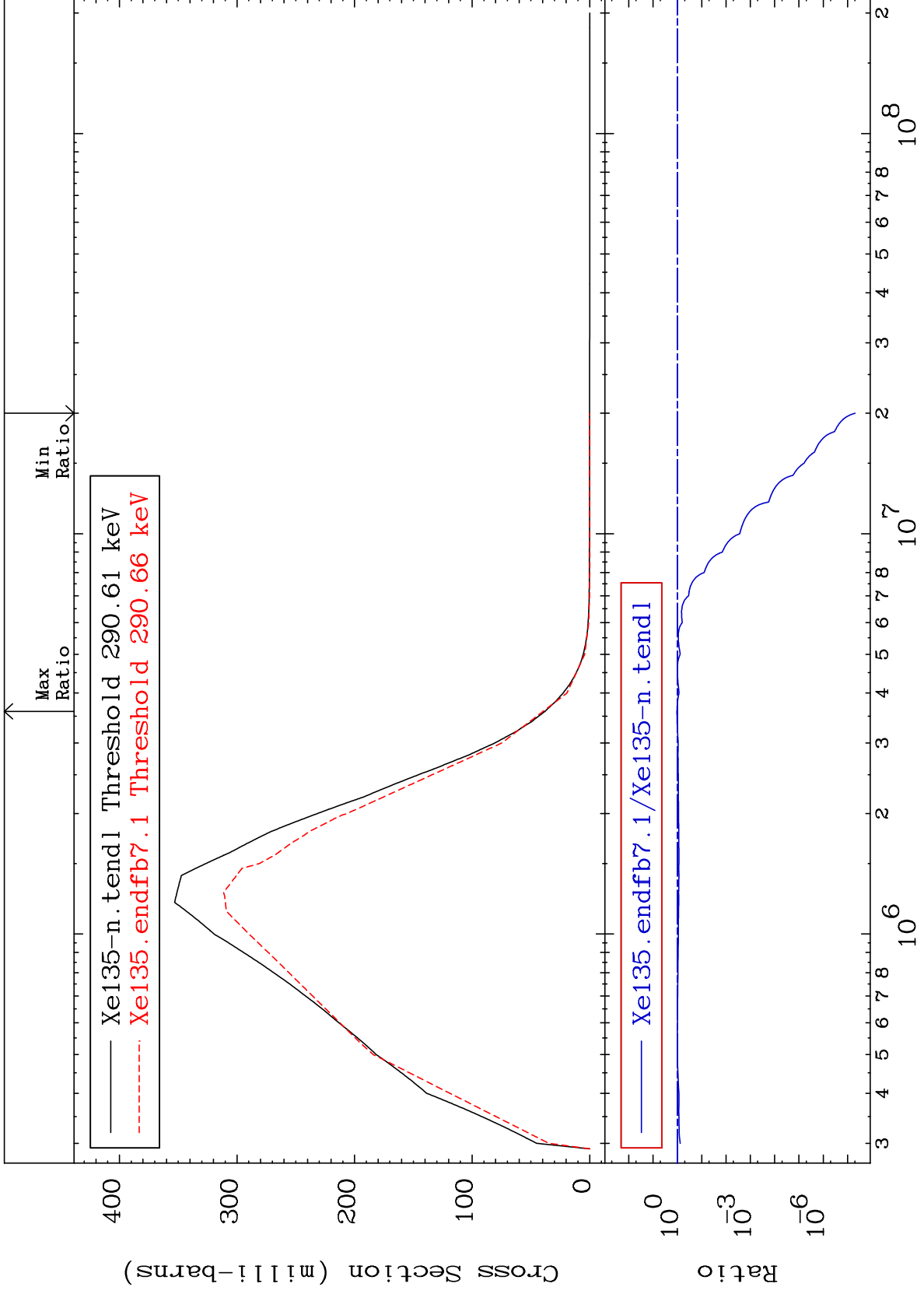




MAT 5458

288.5 keV (n,n') Level  
Cross Section

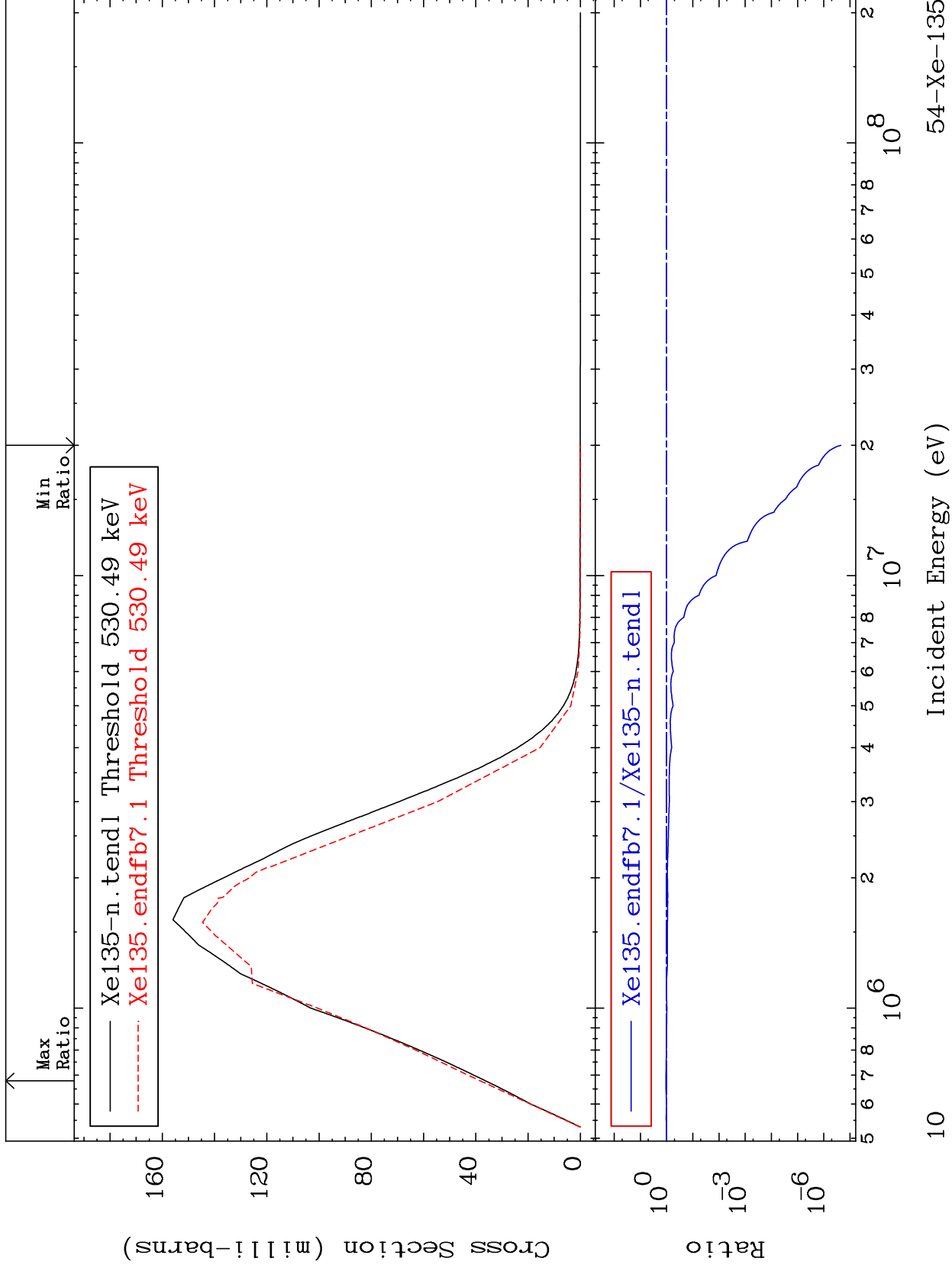
54-Xe-135  
-100.0 To 4.262 %



MAT 5458

526.6 keV (n,n') Level  
Cross Section

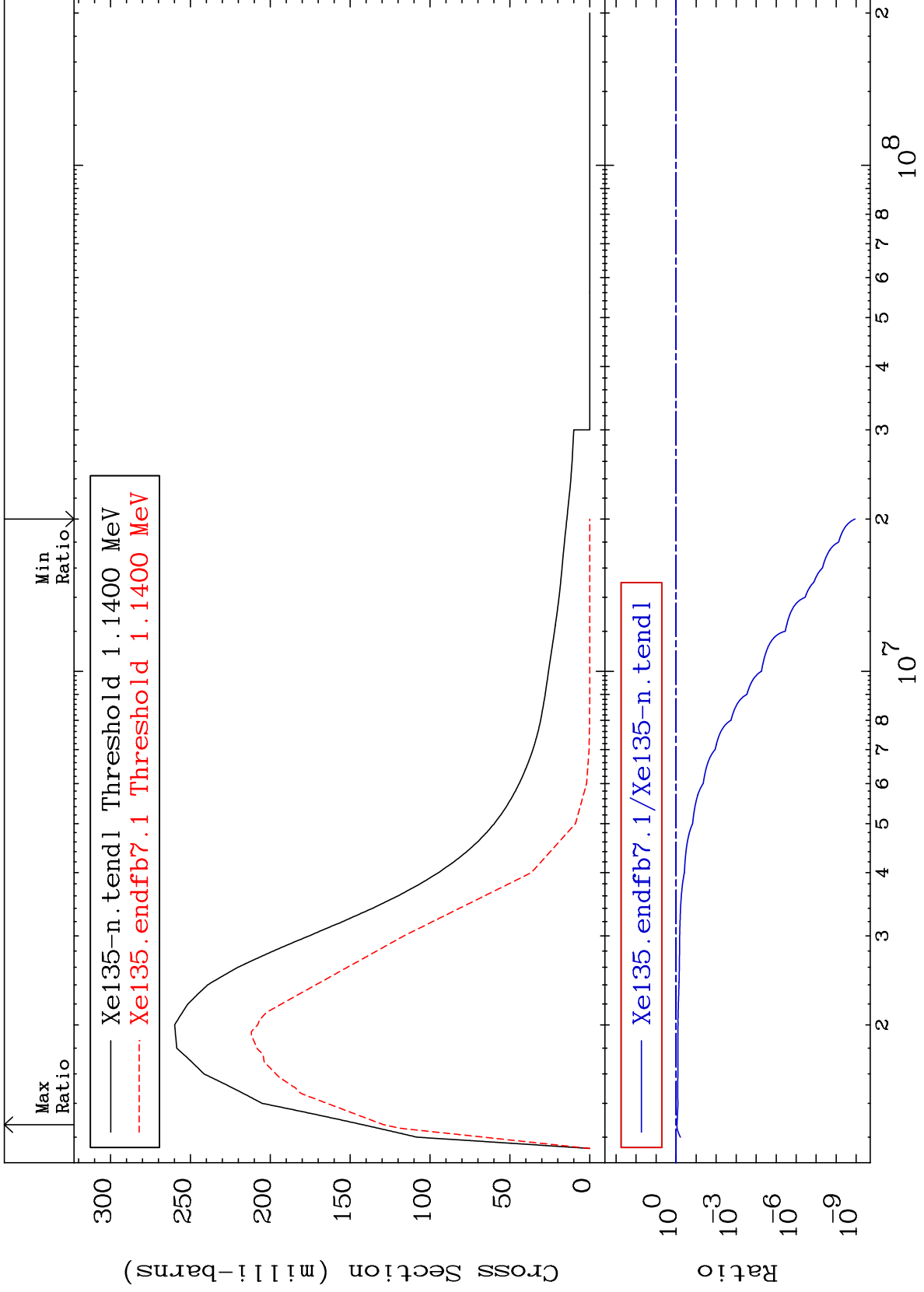
54-Xe-135  
-100.0 To 5.611 %



MAT 5458

1.132 MeV (n,n') Level  
Cross Section

54-Xe-135  
-100.0 To -9.175%



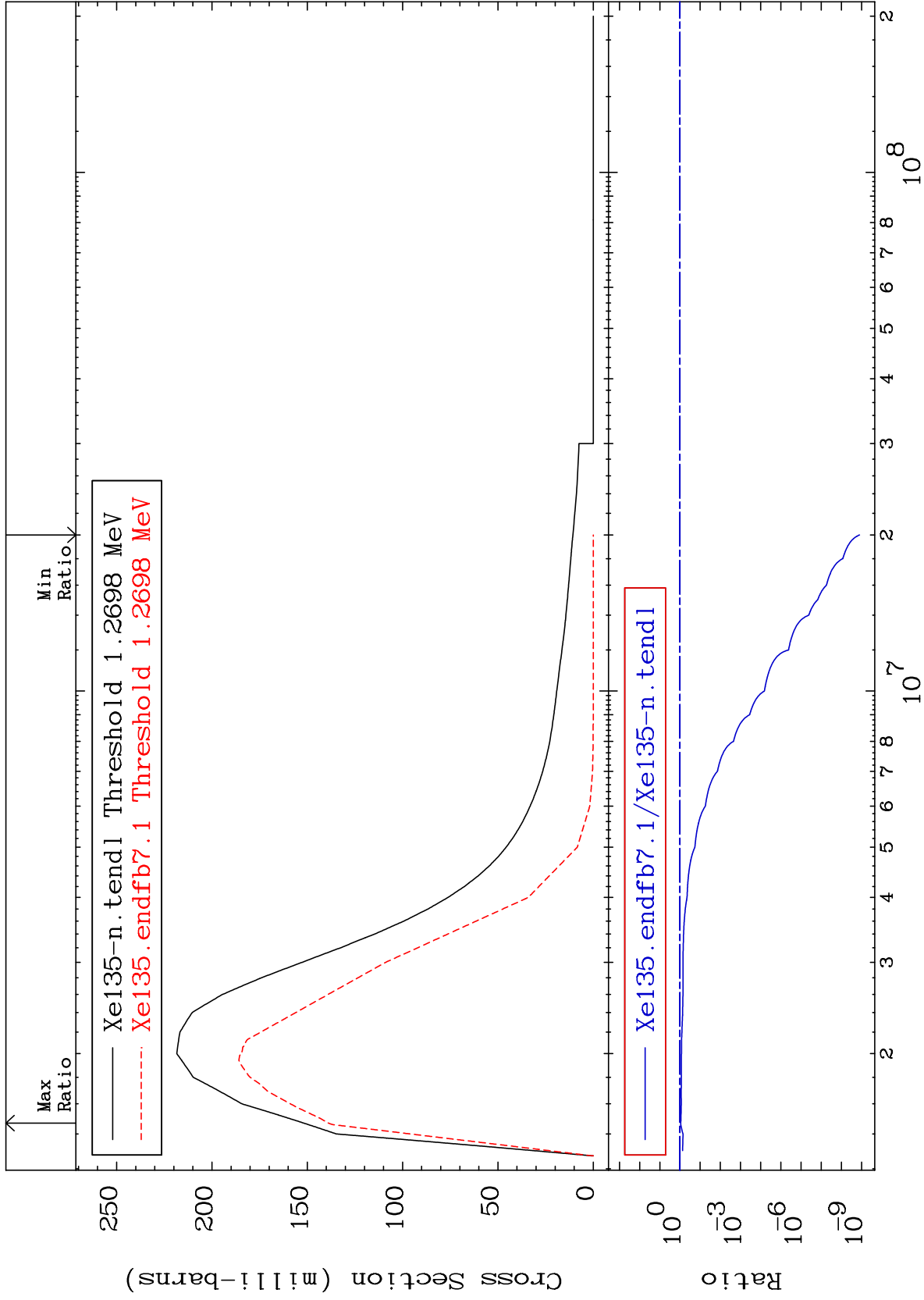
MAT 5458

1.260 MeV (n,n') Level

54-Xe-135

-100.0 To -8.502%

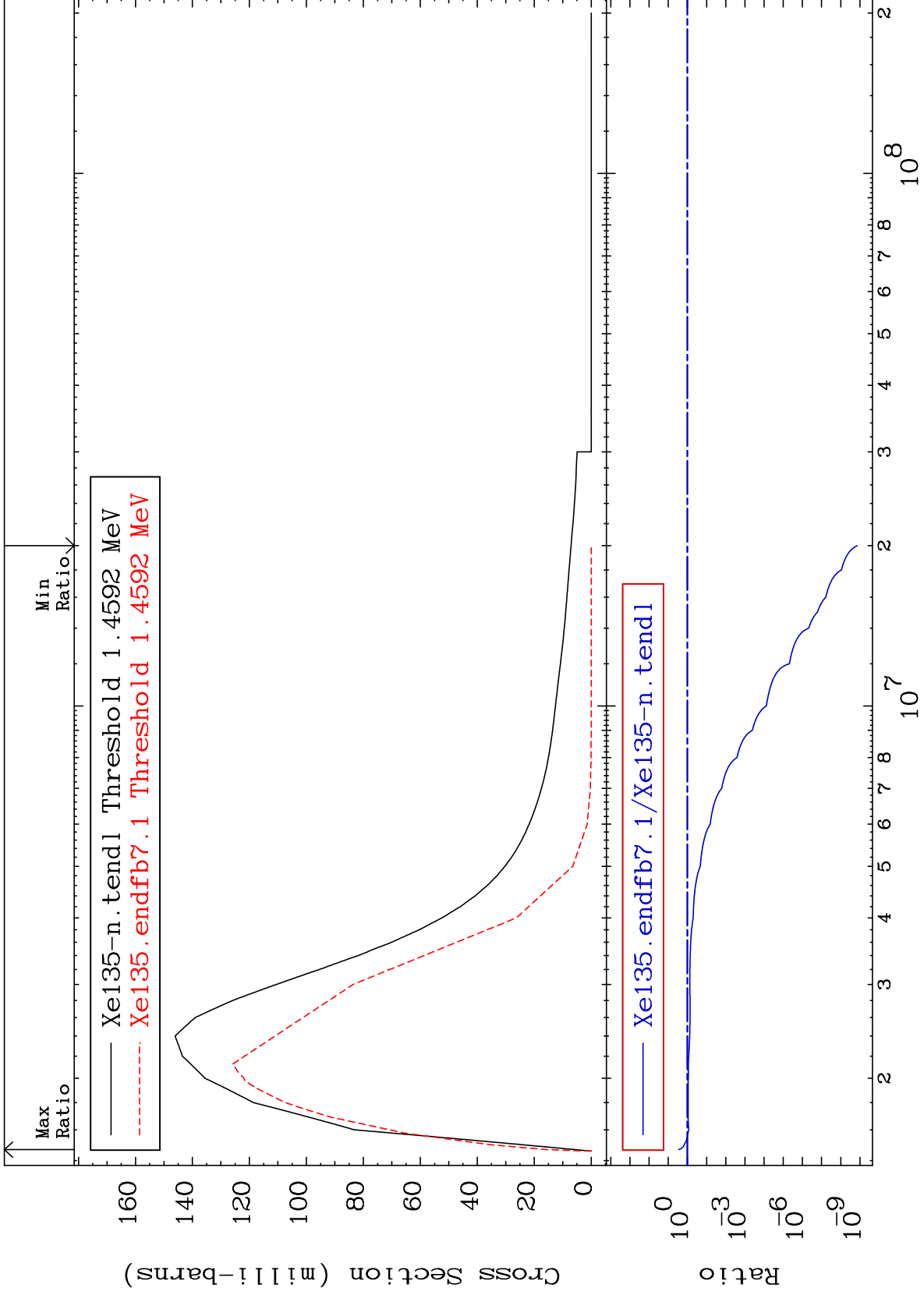
Cross Section



MAT 5458

1.448 MeV (n,n') Level  
Cross Section

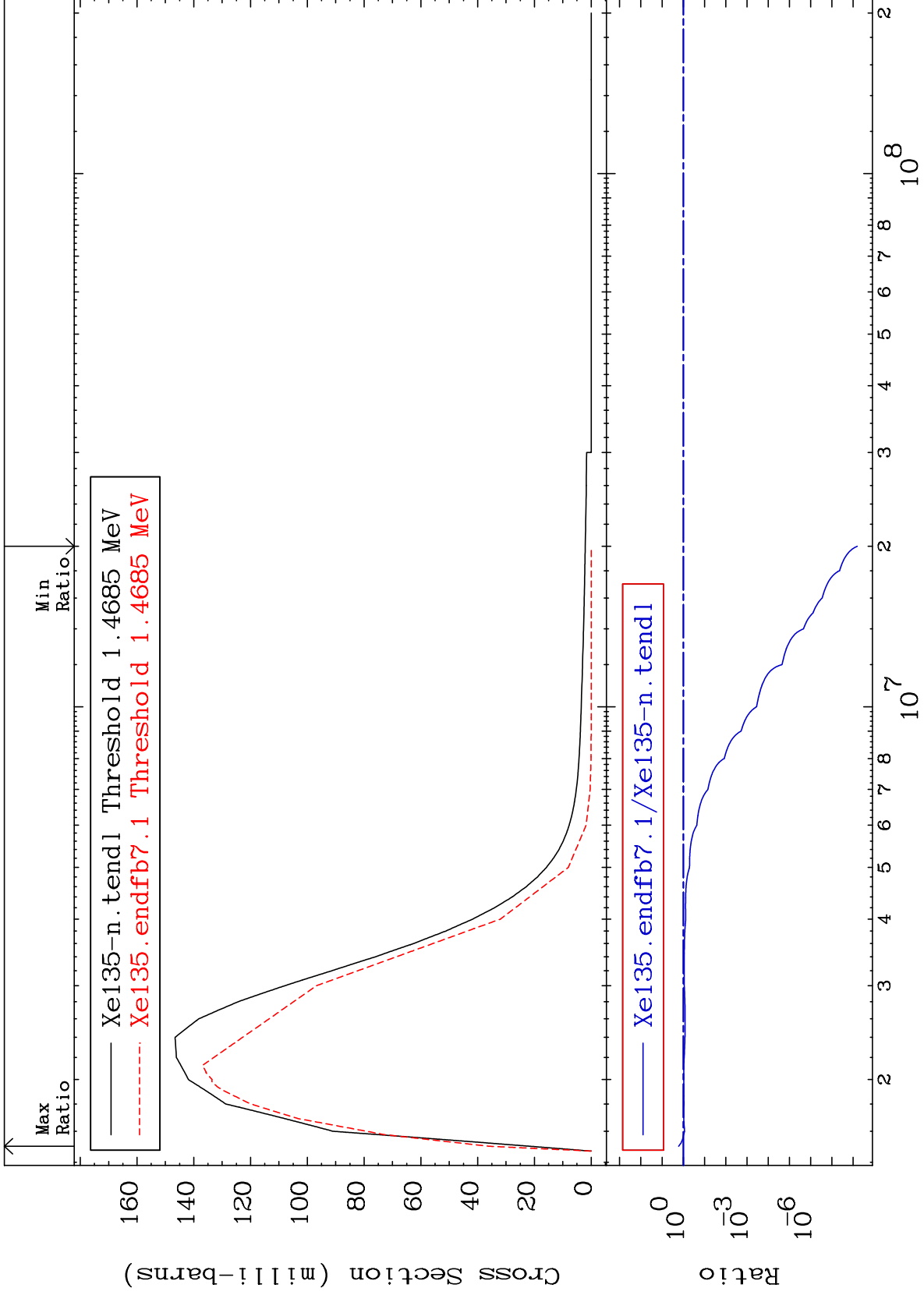
54-Xe-135  
-100.0 To 186.7 %



MAT 5458

1.458 MeV (n,n') Level  
Cross Section

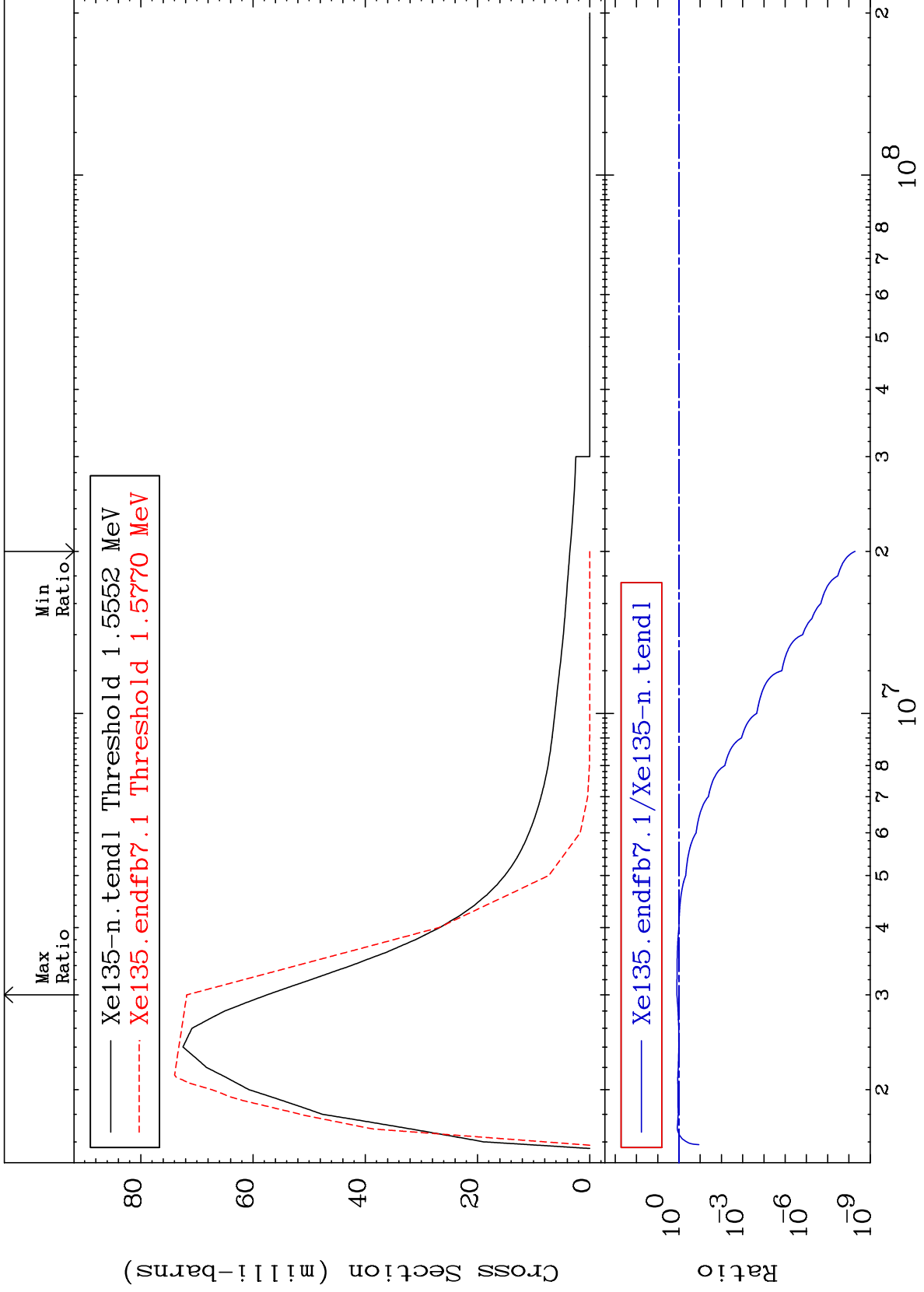
54-Xe-135  
-100.0 To 65.81 %



MAT 5458

1.544 MeV (n,n') Level  
Cross Section

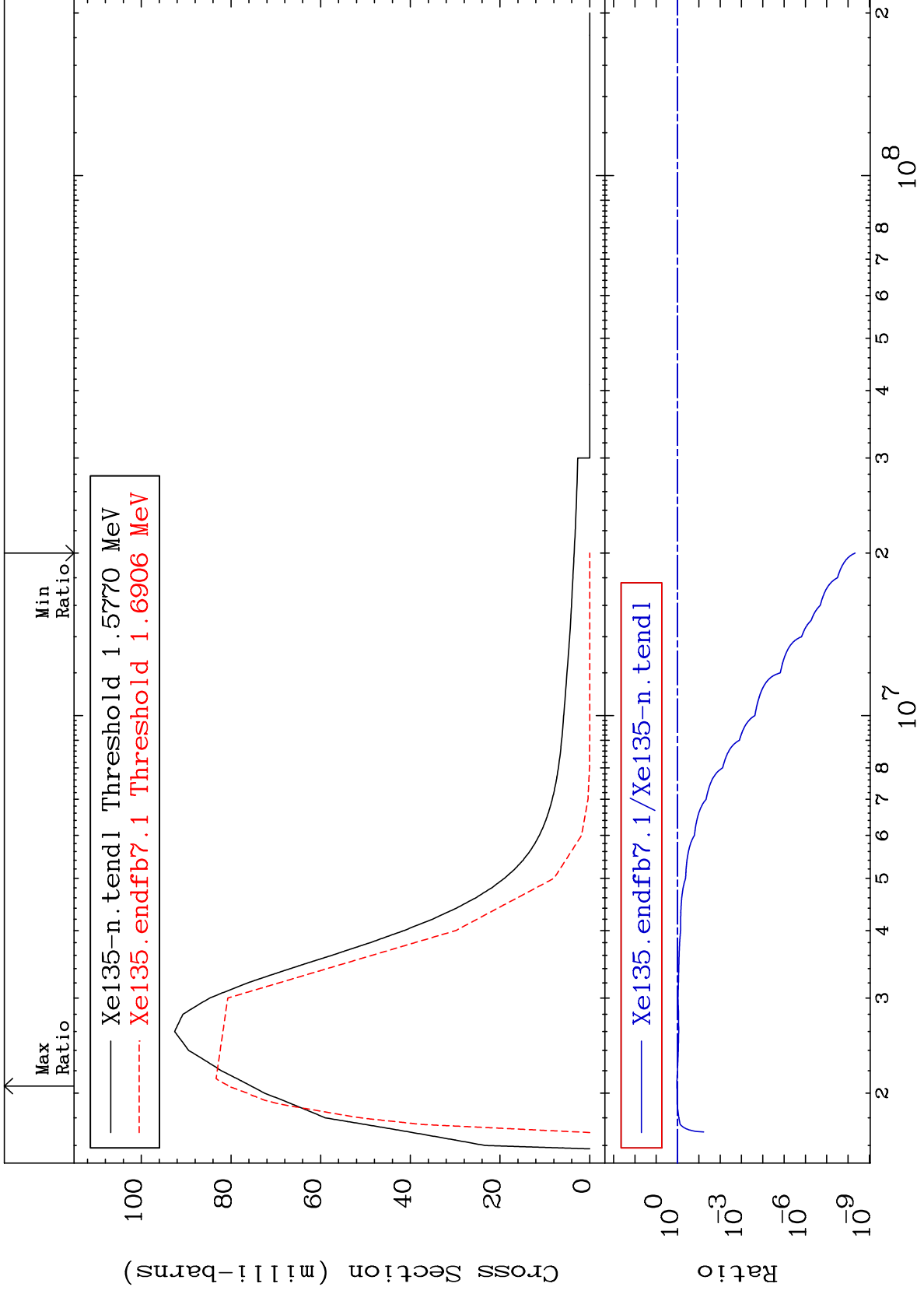
54-Xe-135  
-100.0 To 24.86 %



MAT 5458

1.565 MeV (n,n') Level  
Cross Section

54-Xe-135  
-100.0 To 6.836 %

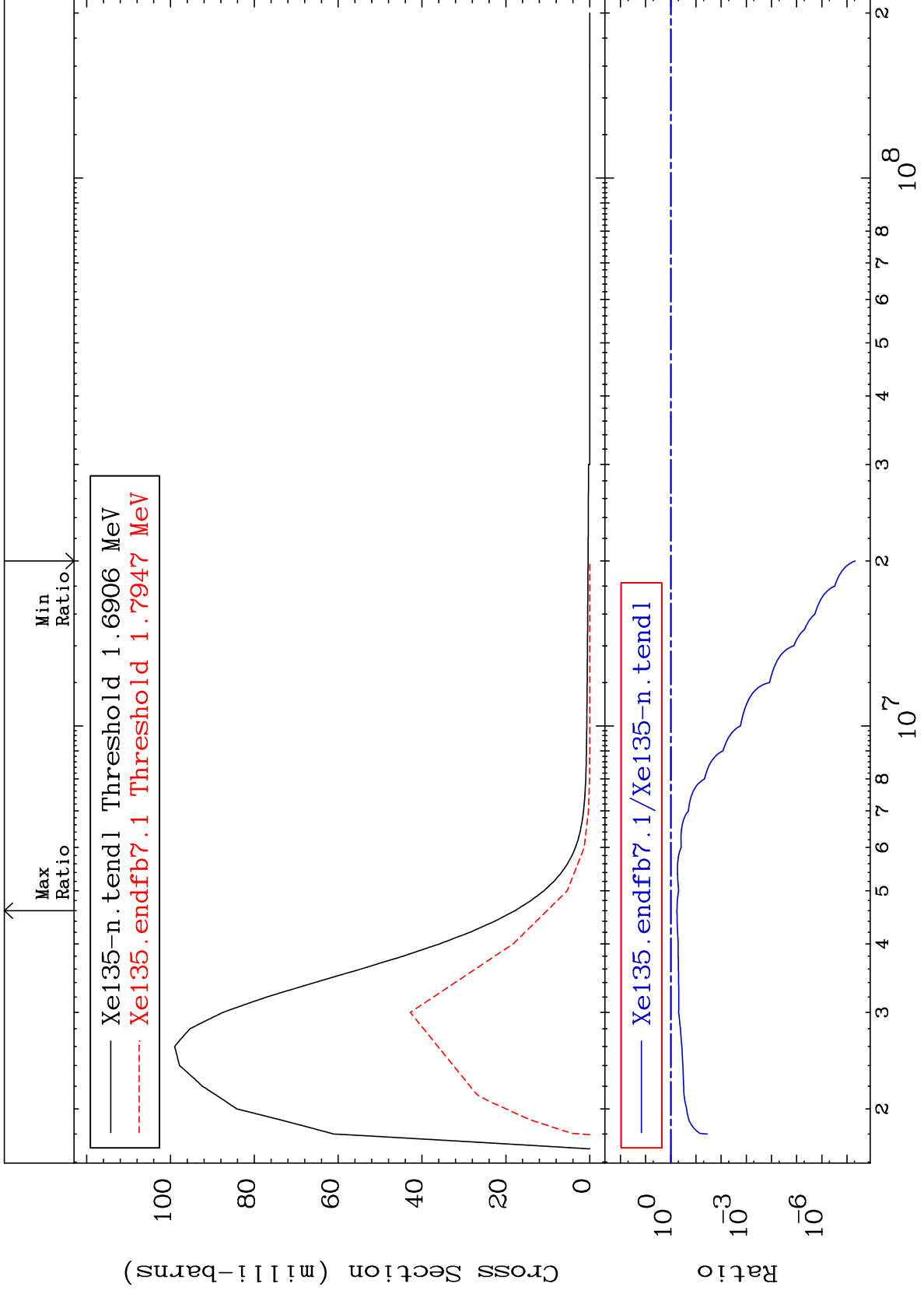




MAT 5458

1.678 MeV (n,n') Level  
Cross Section

54-Xe-135  
-100.0 To -42.85%



17

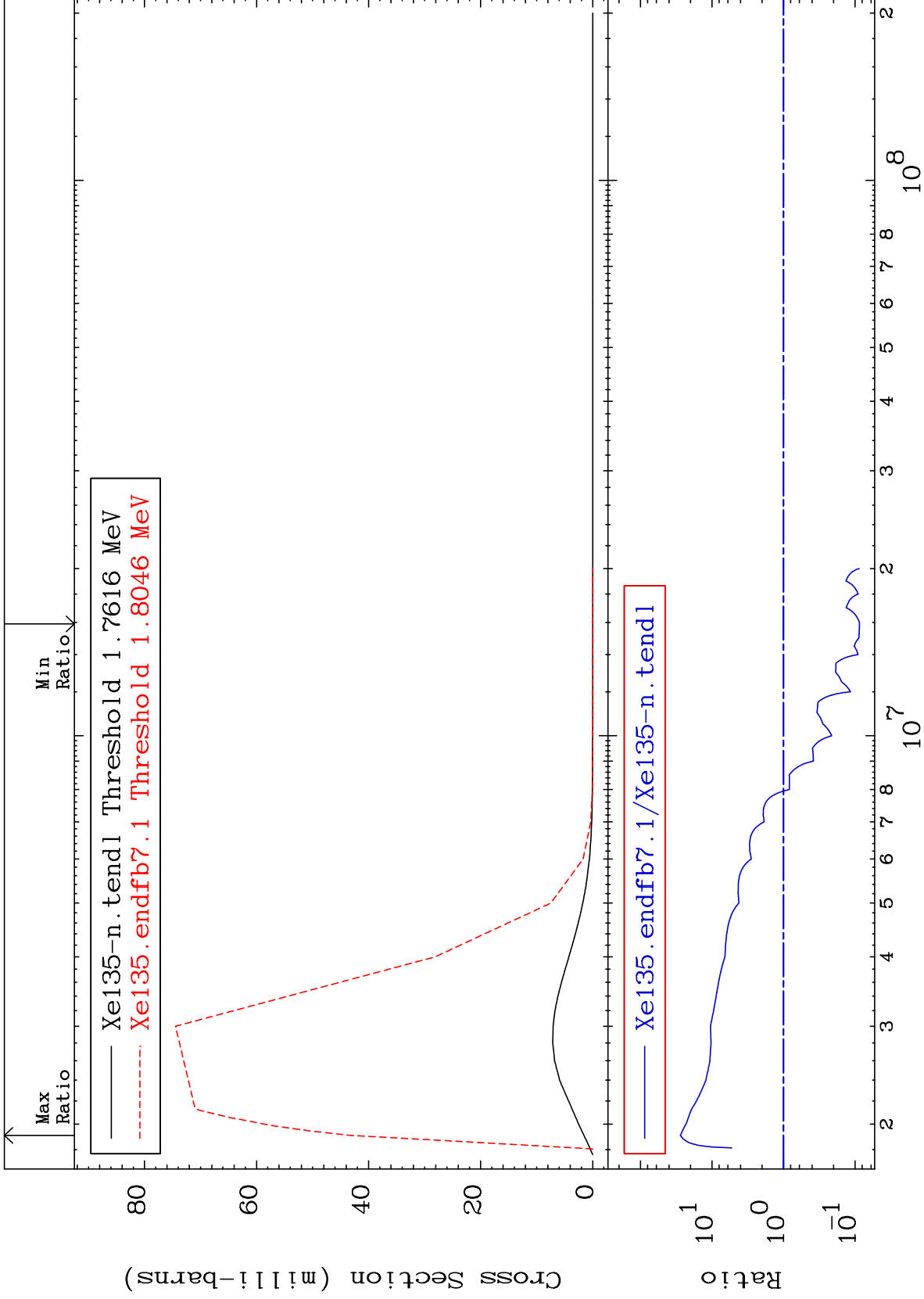
Incident Energy (eV)

54-Xe-135

MAT 5458

1.749 MeV (n,n') Level  
Cross Section

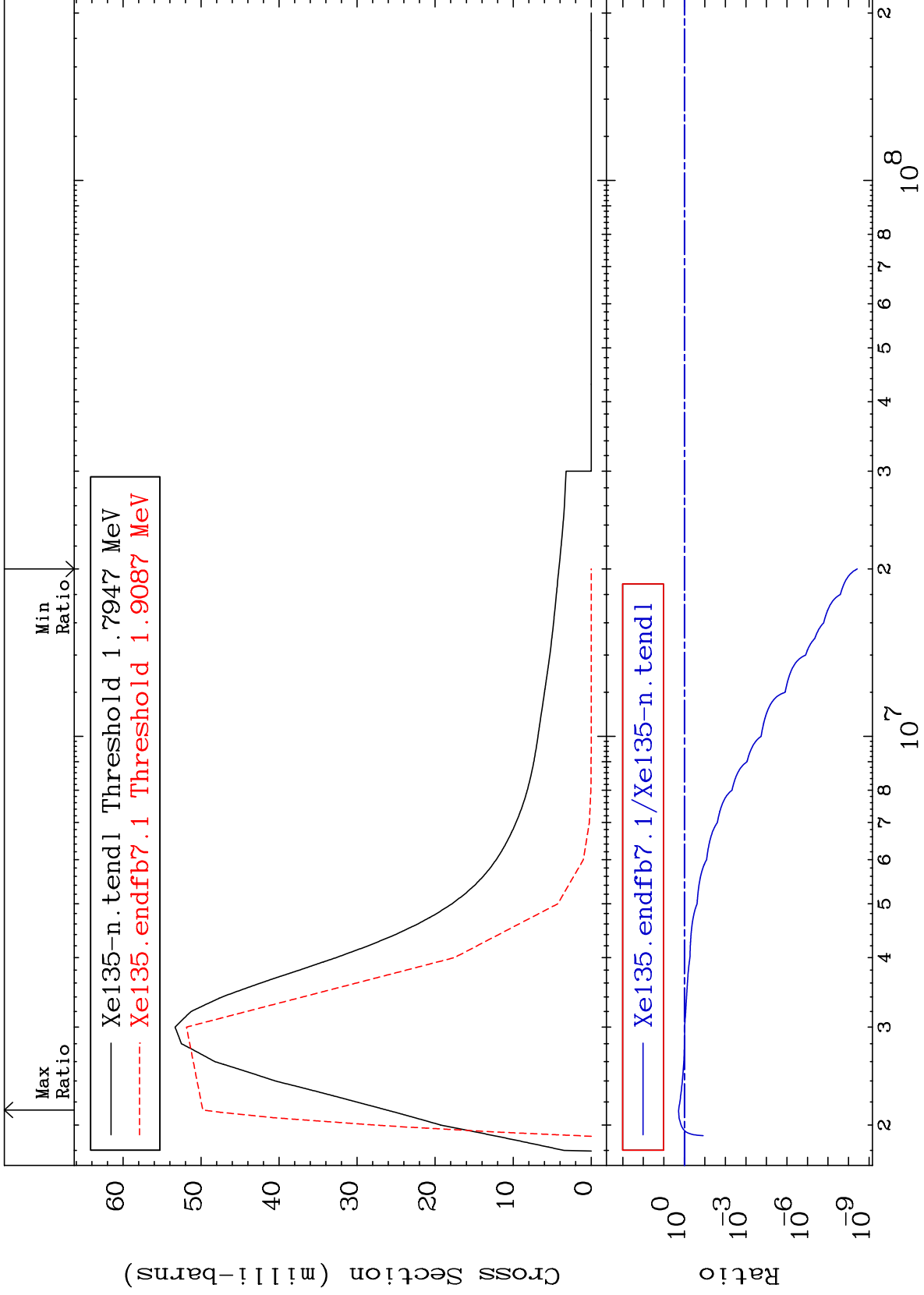
54-Xe-135  
-91.29 To 2676. %



MAT 5458

1.781 MeV (n,n') Level  
Cross Section

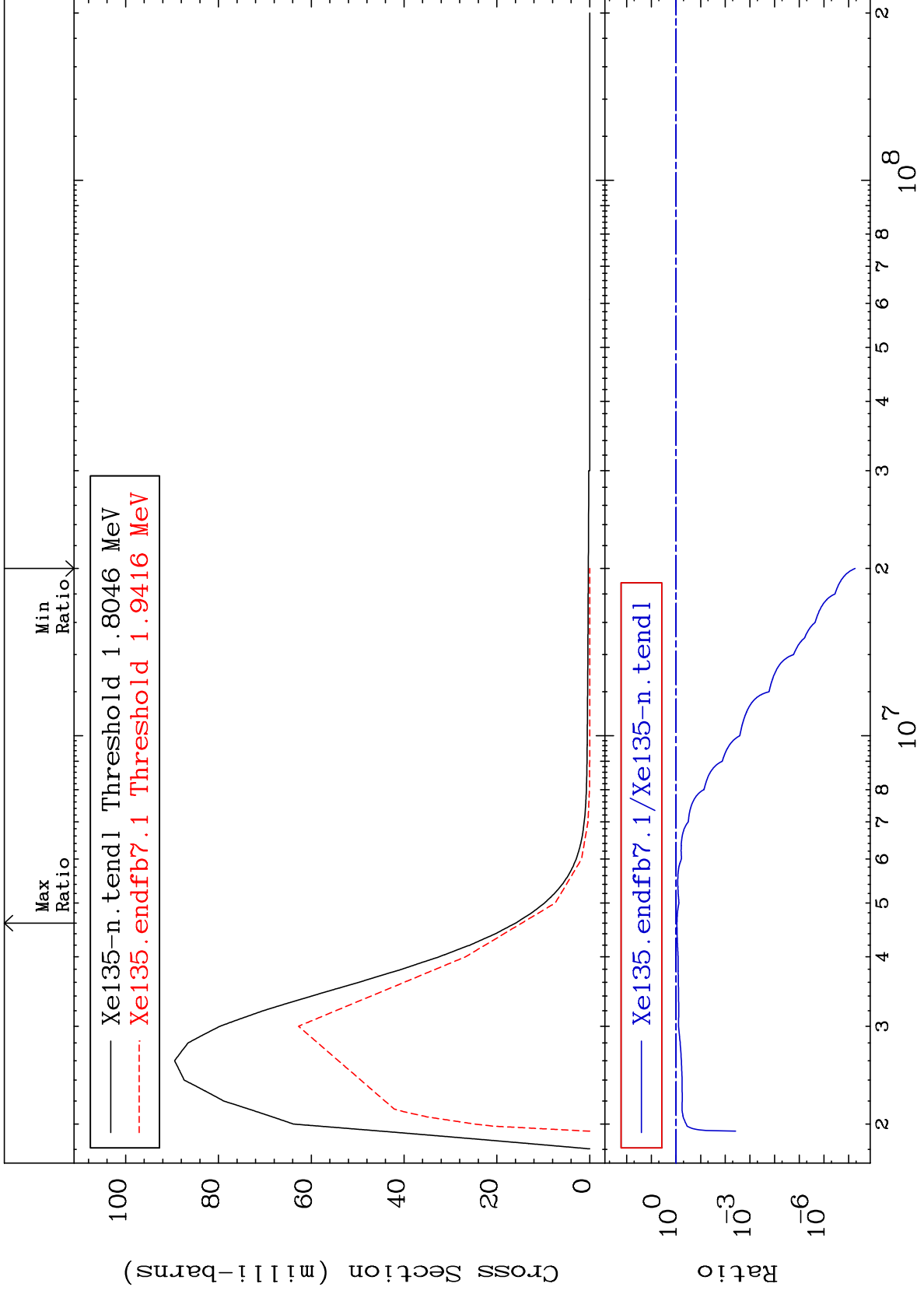
54-Xe-135  
-100.0 To 89.89 %



MAT 5458

1.791 MeV (n,n') Level  
Cross Section

54-Xe-135  
-100.0 To -8.242%



20

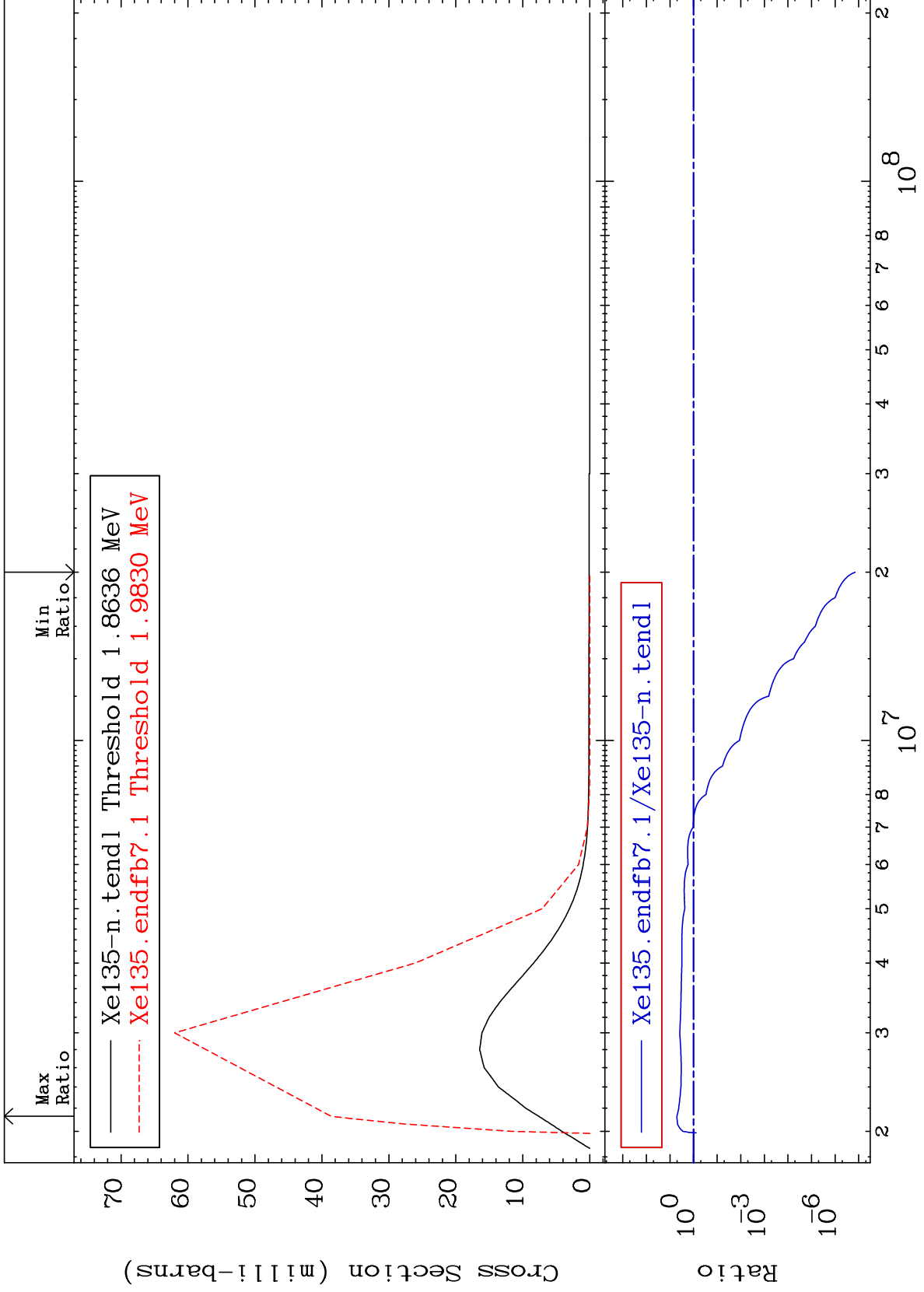
Incident Energy (eV)

54-Xe-135

MAT 5458

1.850 MeV (n,n') Level  
Cross Section

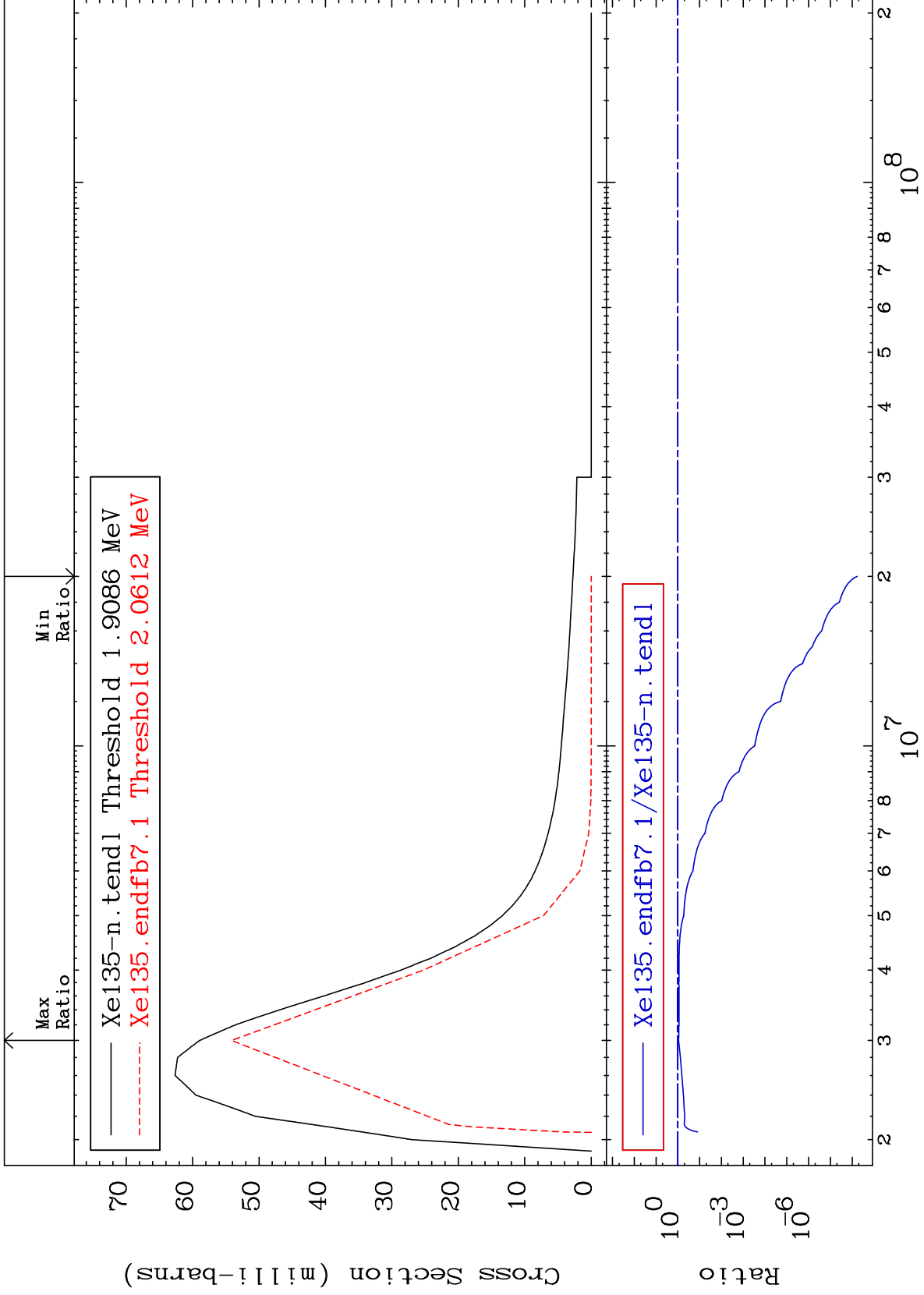
54-Xe-135  
-100.0 To 407.0 %



MAT 5458

1.894 MeV (n,n') Level  
Cross Section

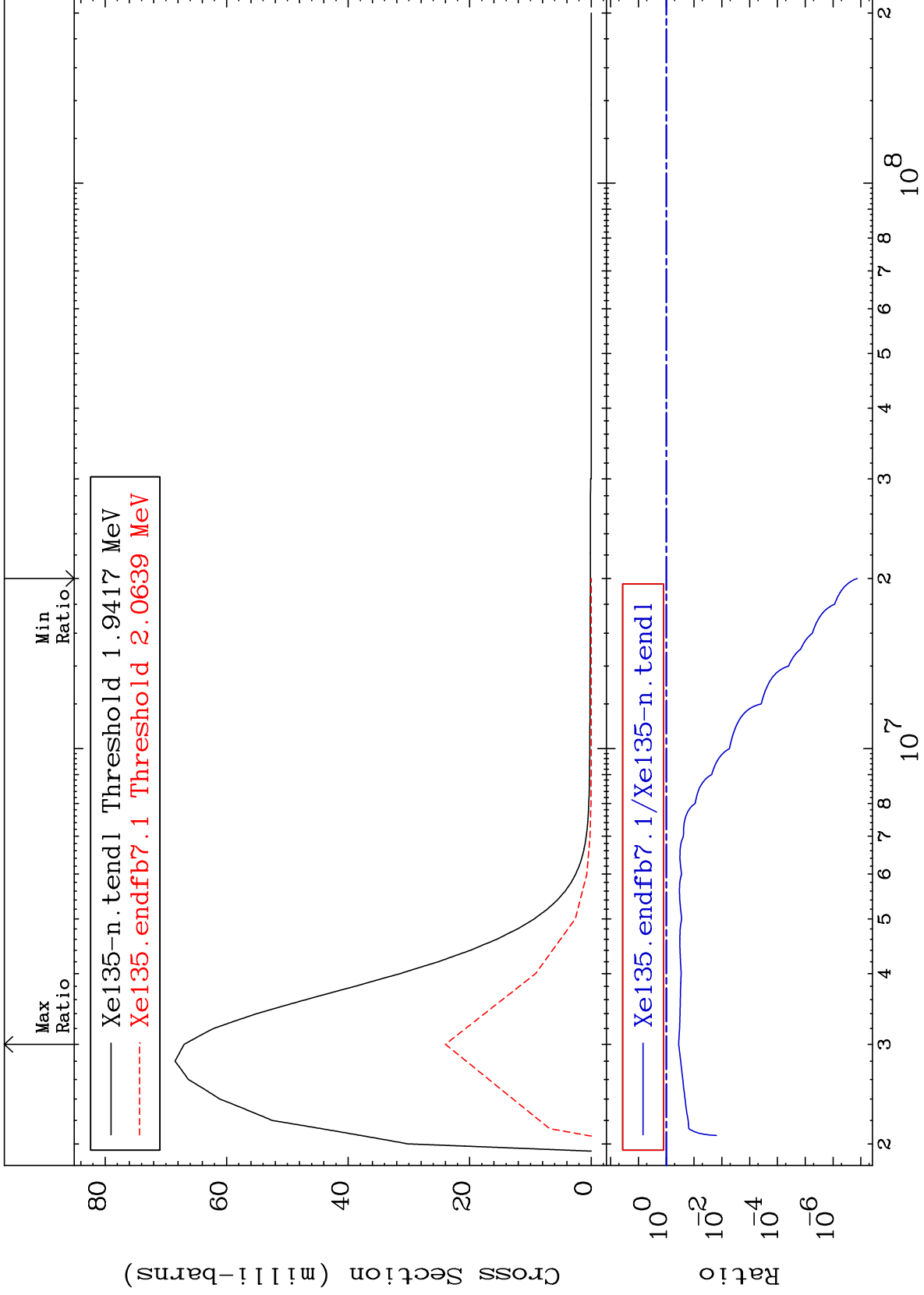
54-Xe-135  
-100.0 To -8.150%



MAT 5458

1.927 MeV (n,n') Level  
Cross Section

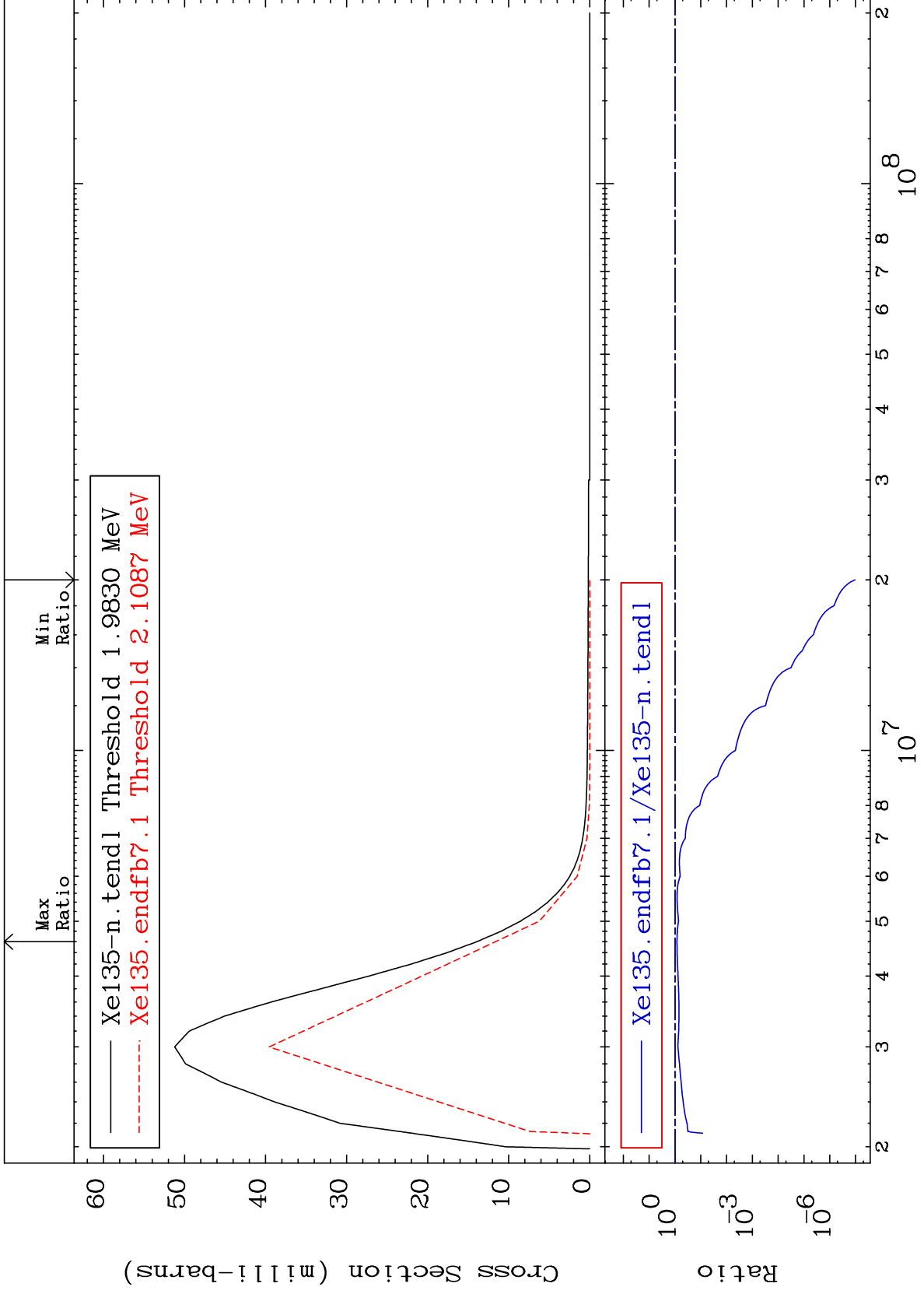
54-Xe-135  
-100.0 To -64.20%



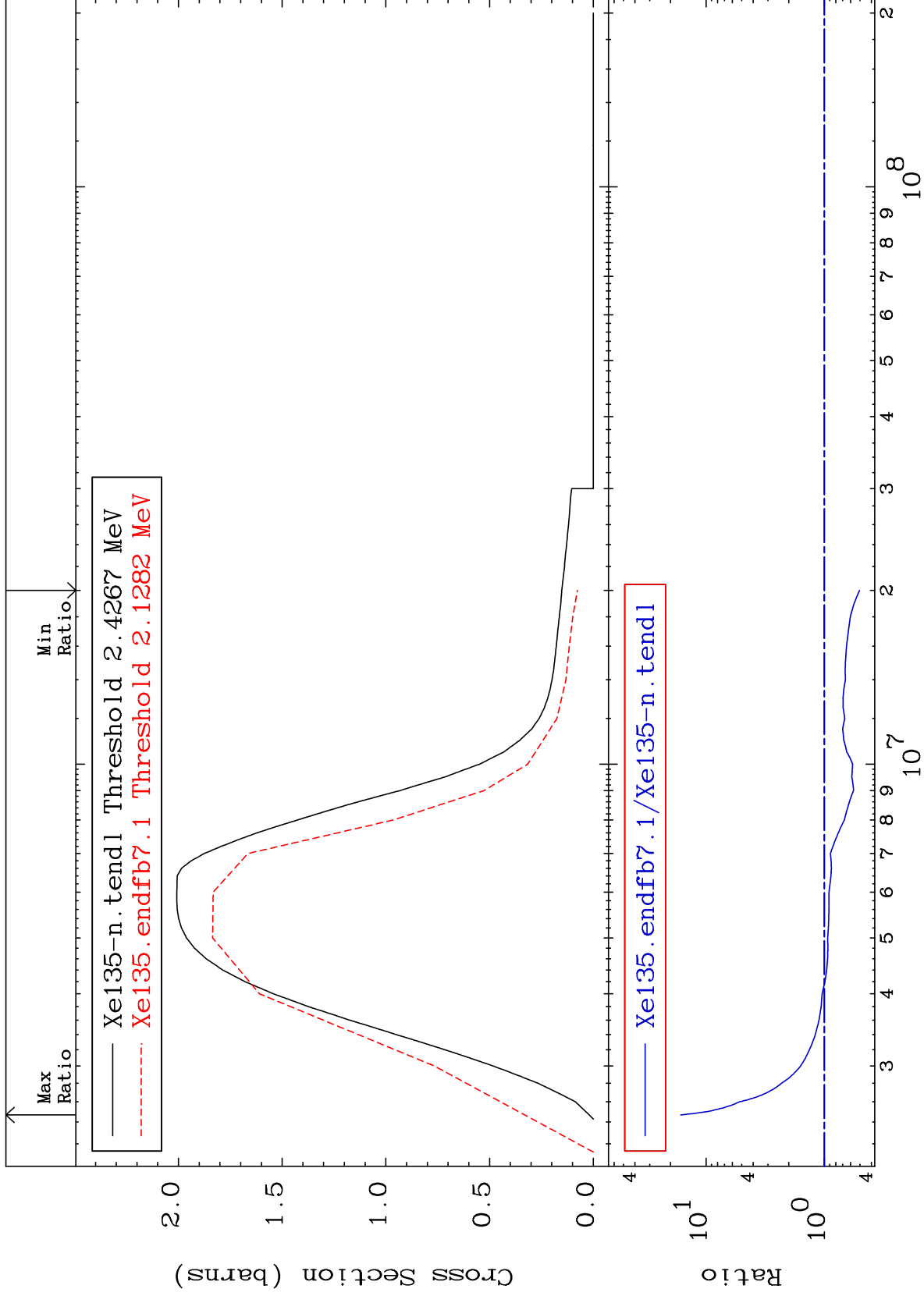
MAT 5458

1.968 MeV (n,n') Level  
Cross Section

54-Xe-135  
-100.0 To -16.36%



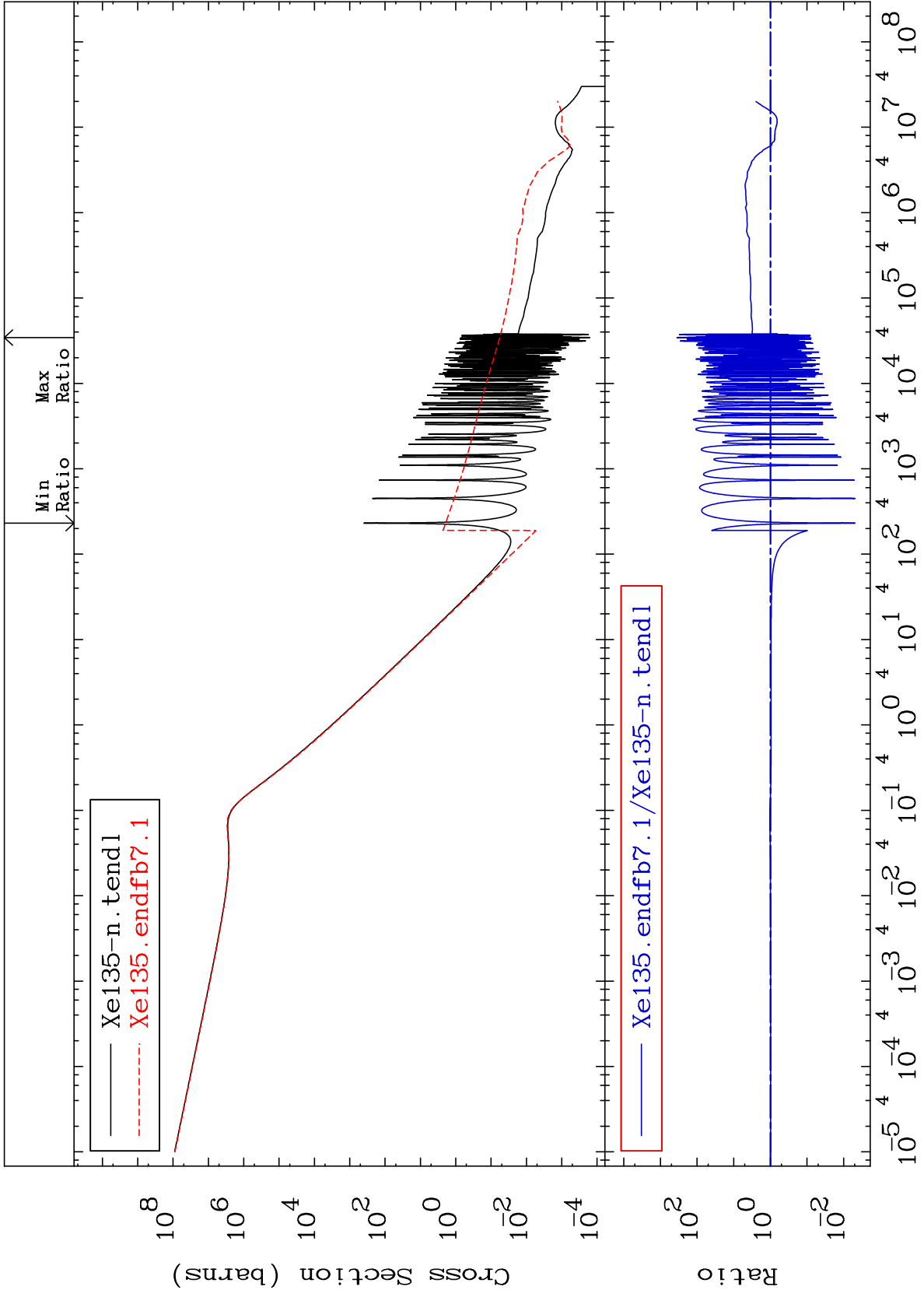




MAT 5458

(n,  $\gamma$ )  
Cross Section

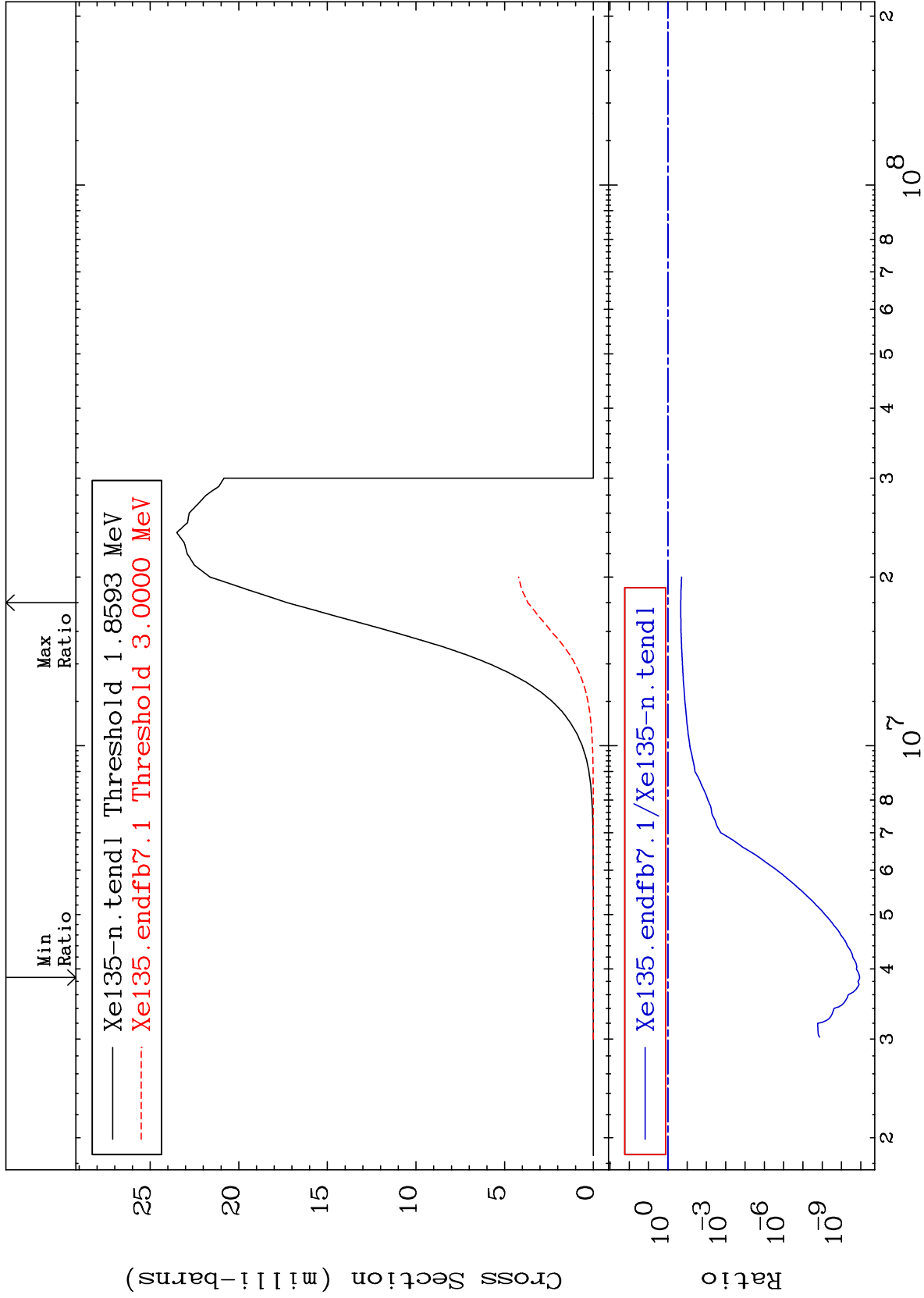
54-Xe-135  
-99.51 To 9999. %



MAT 5458

54-Xe-135

(n,p)  
Cross Section  
-100.0 To -78.64%



27

Incident Energy (eV)

54-Xe-135

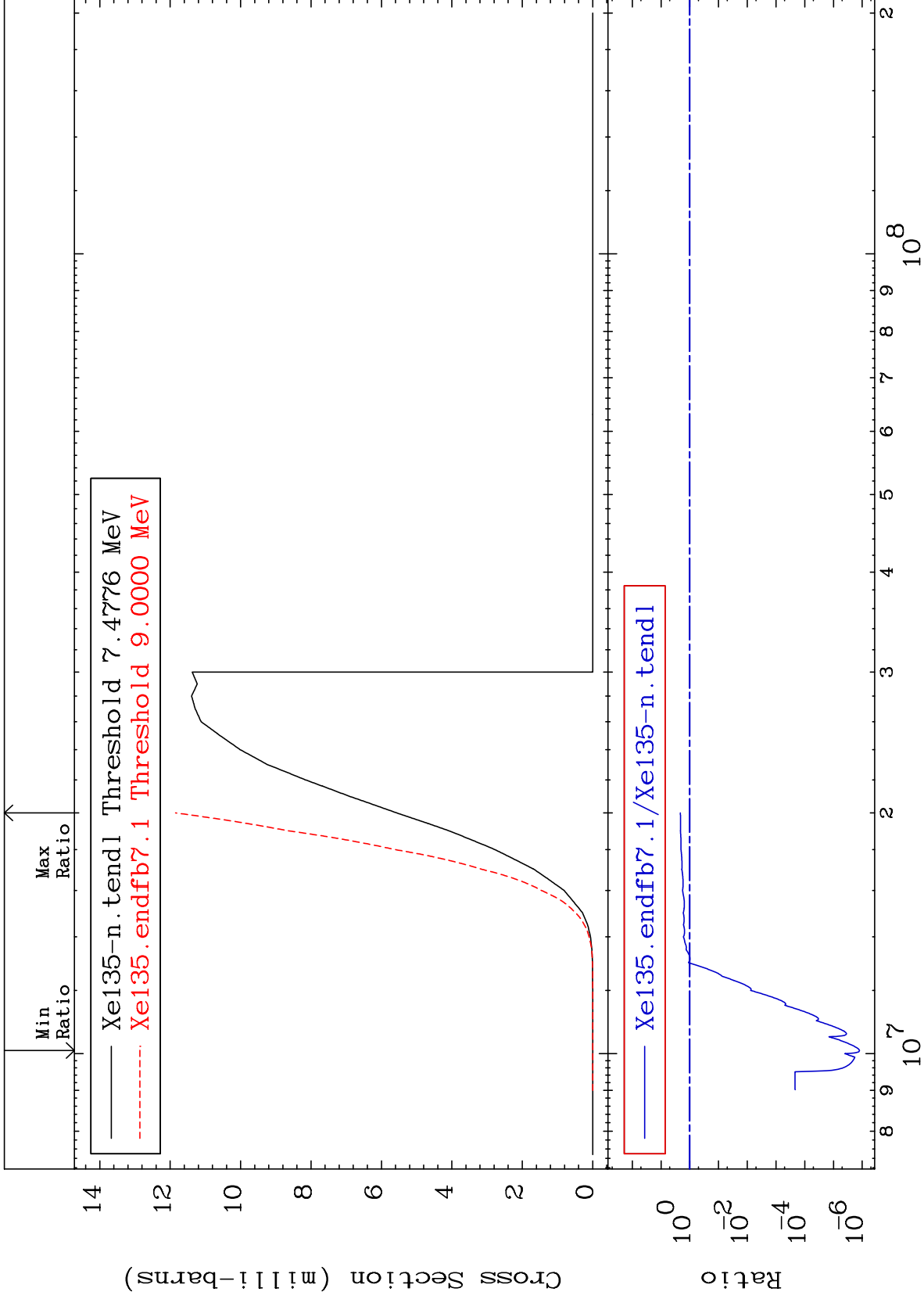
MAT 5458

(n, d)

54-Xe-135

Cross Section

-100.0 To 112.9 %



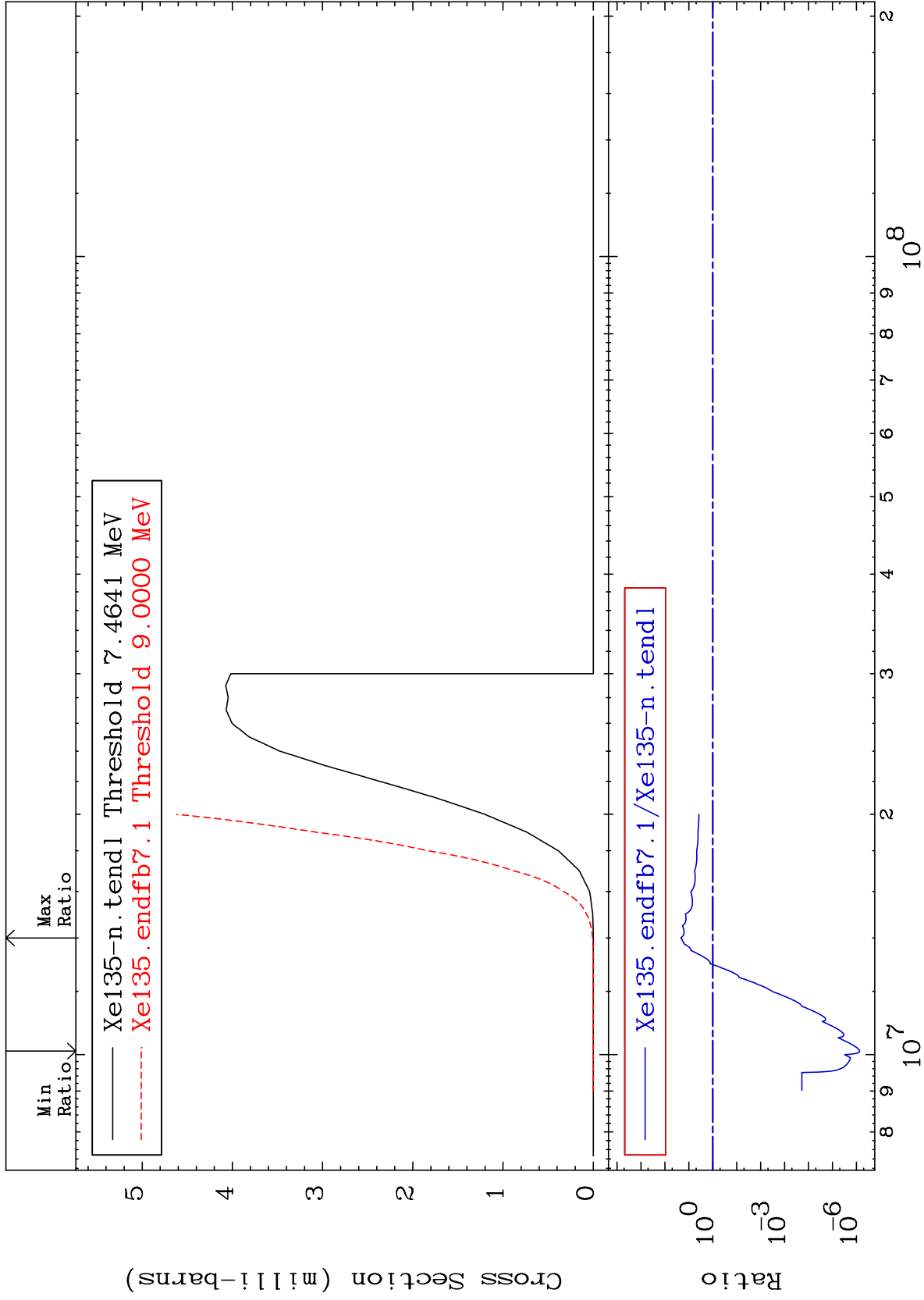
MAT 5458

(n, t)

54-Xe-135

Cross Section

-100.0 To 2069. %



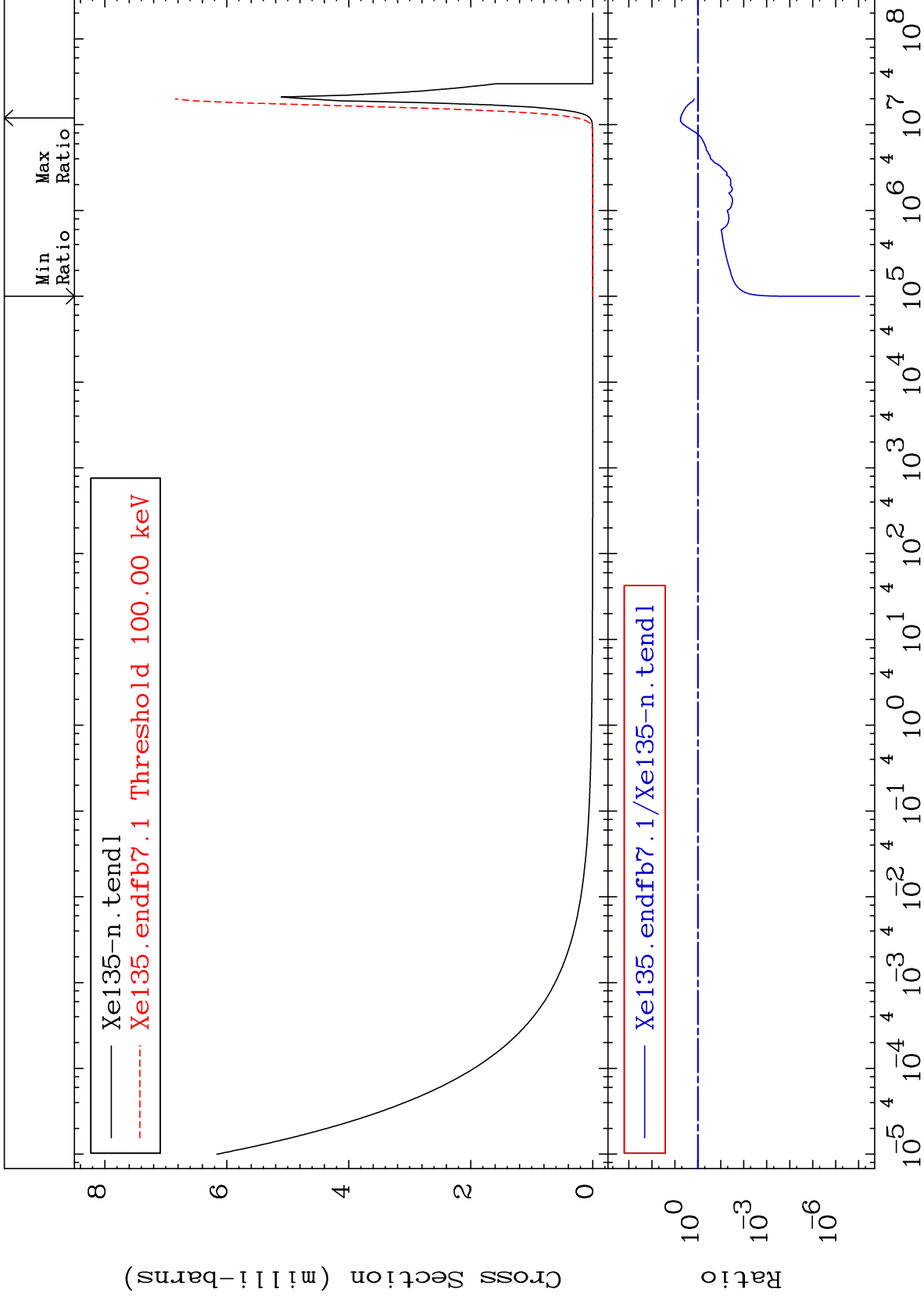
MAT 5458

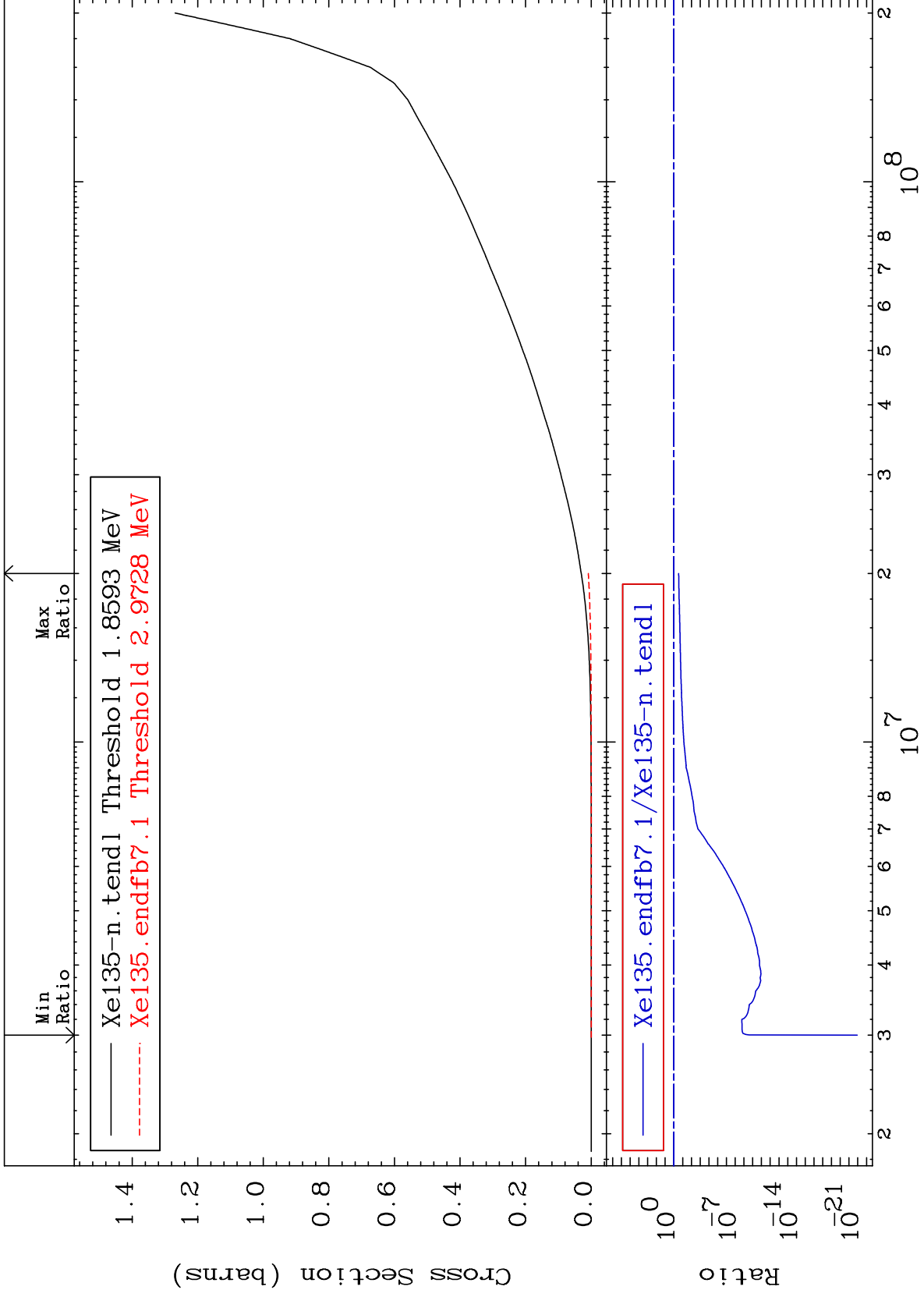
(n,  $\alpha$ )

Cross Section

54-Xe-135

-100.0 To 475.4 %

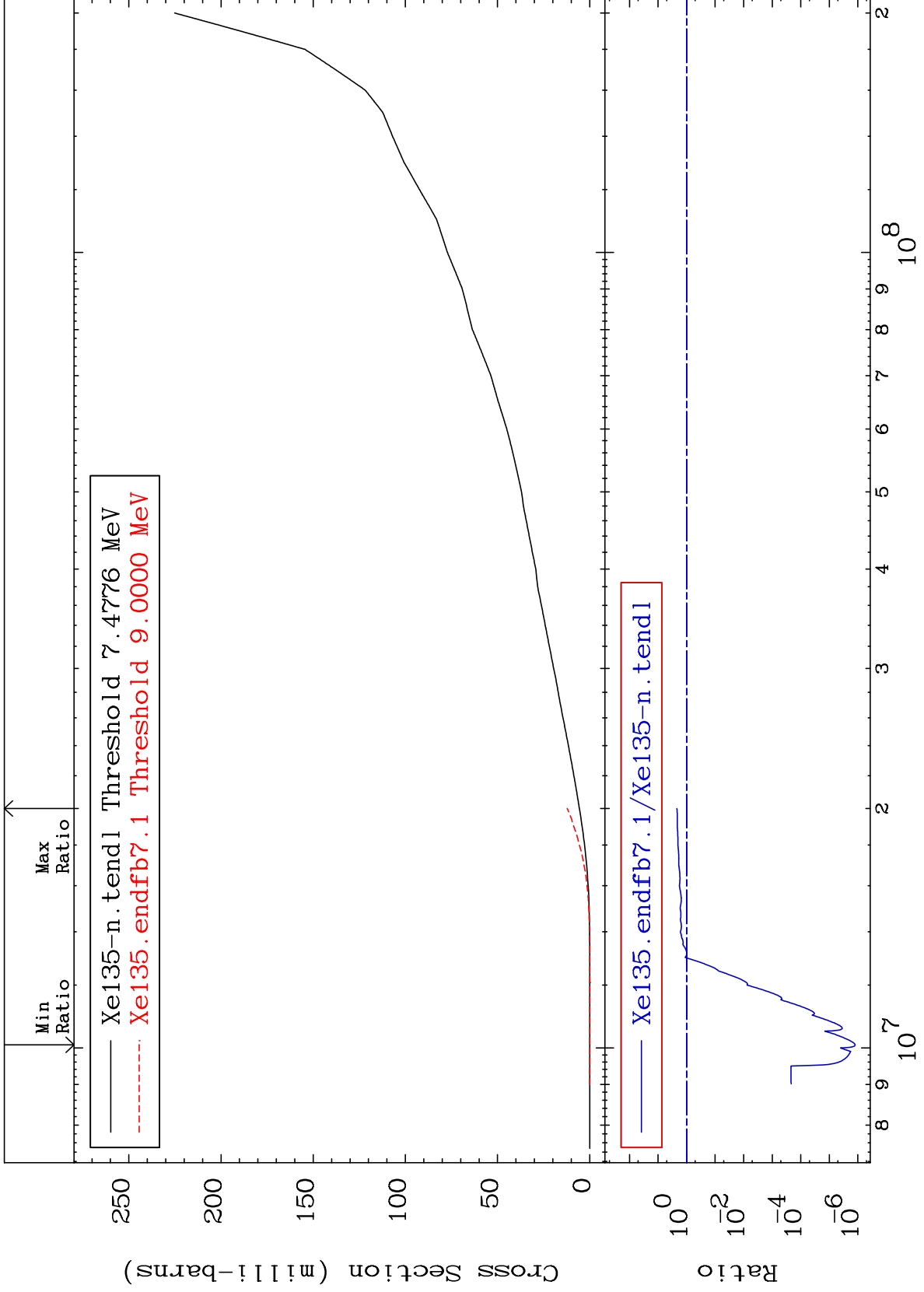




MAT 5458

Deuterium Production  
Cross Section

54-Xe-135  
-100.0 To 117.9 %

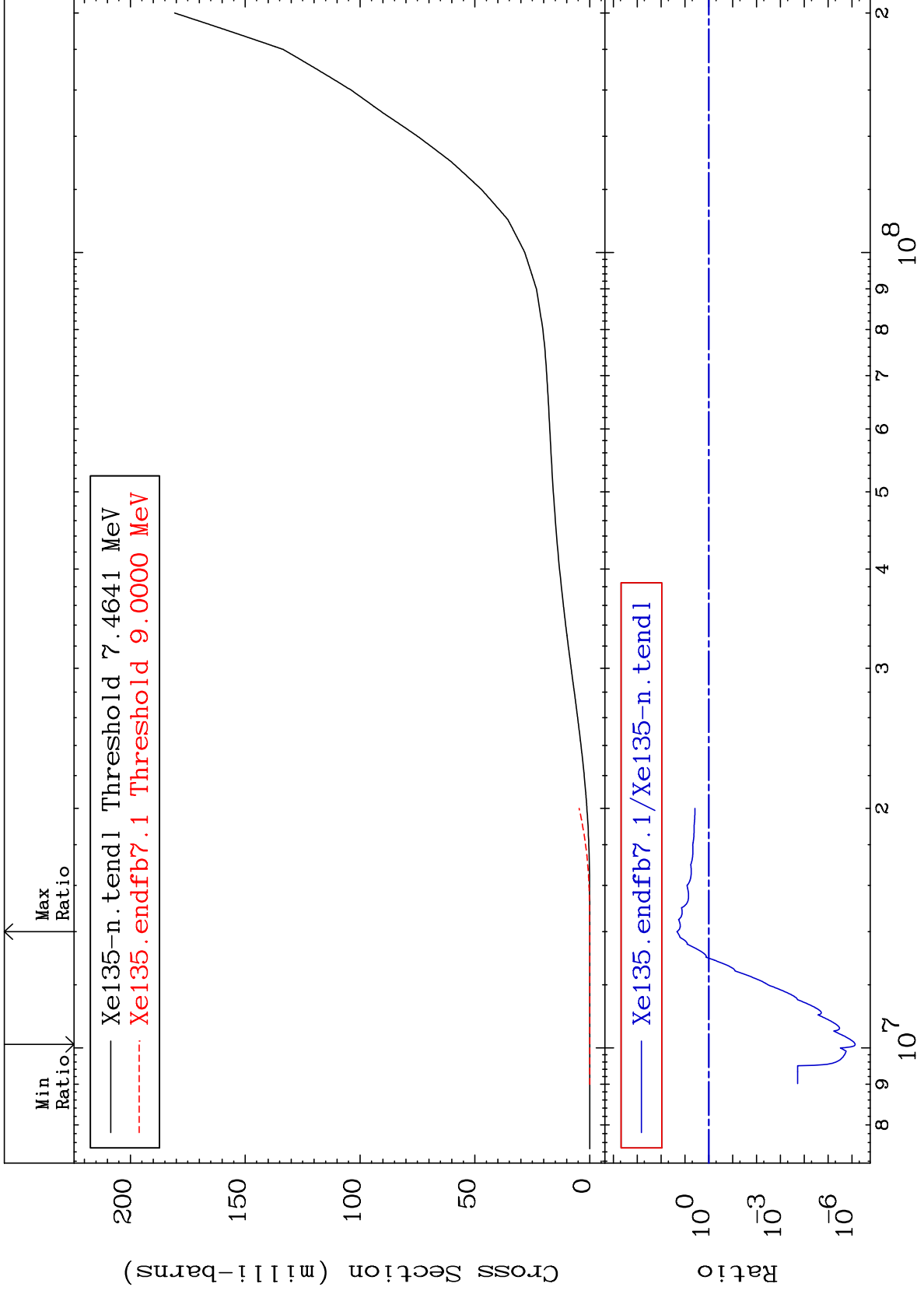




MAT 5458

Tritium Production  
Cross Section

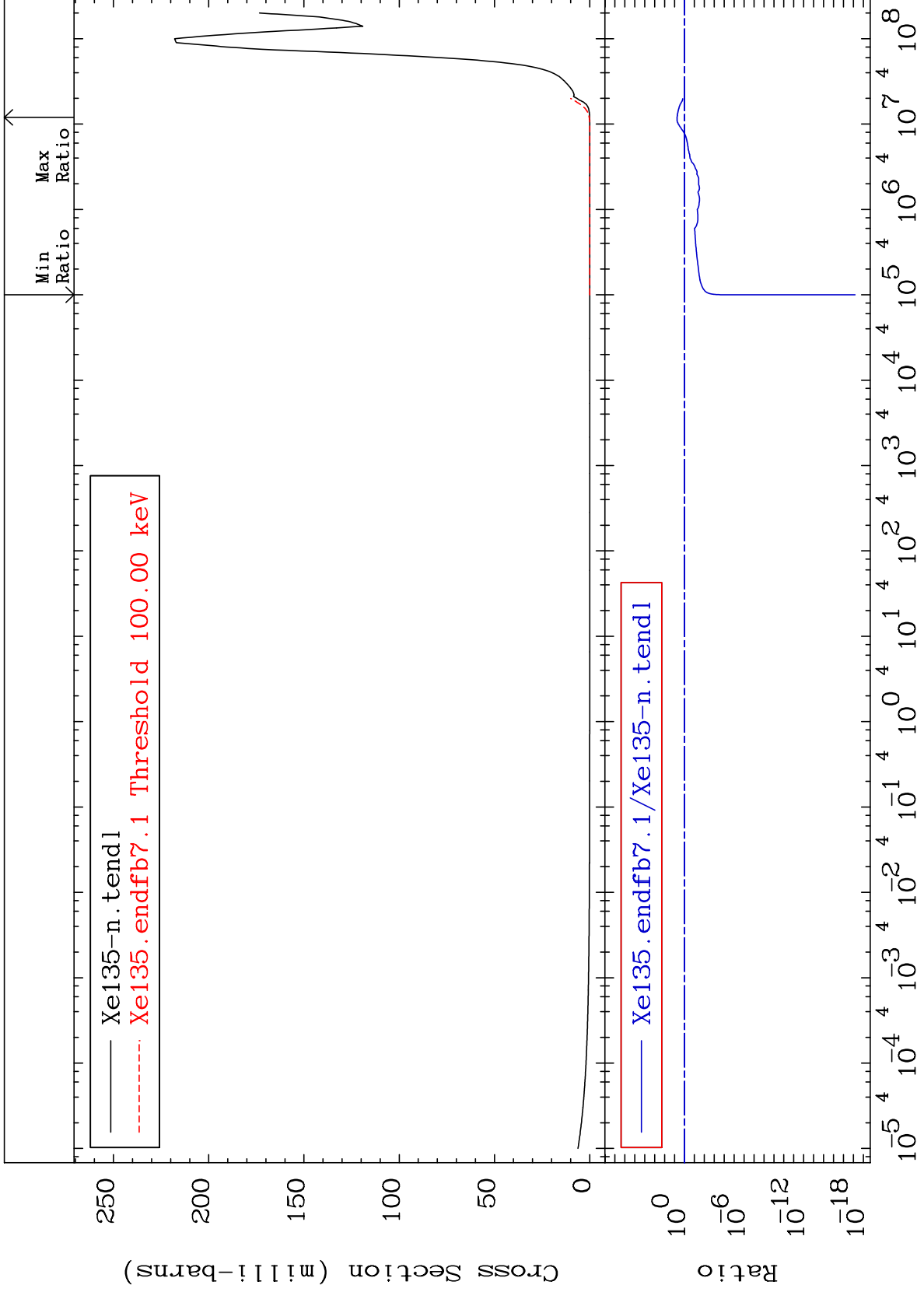
54-Xe-135  
-100.0 To 2069. %



MAT 5458

He-4 Production  
Cross Section

54-Xe-135  
-100.0 To 475.4 %



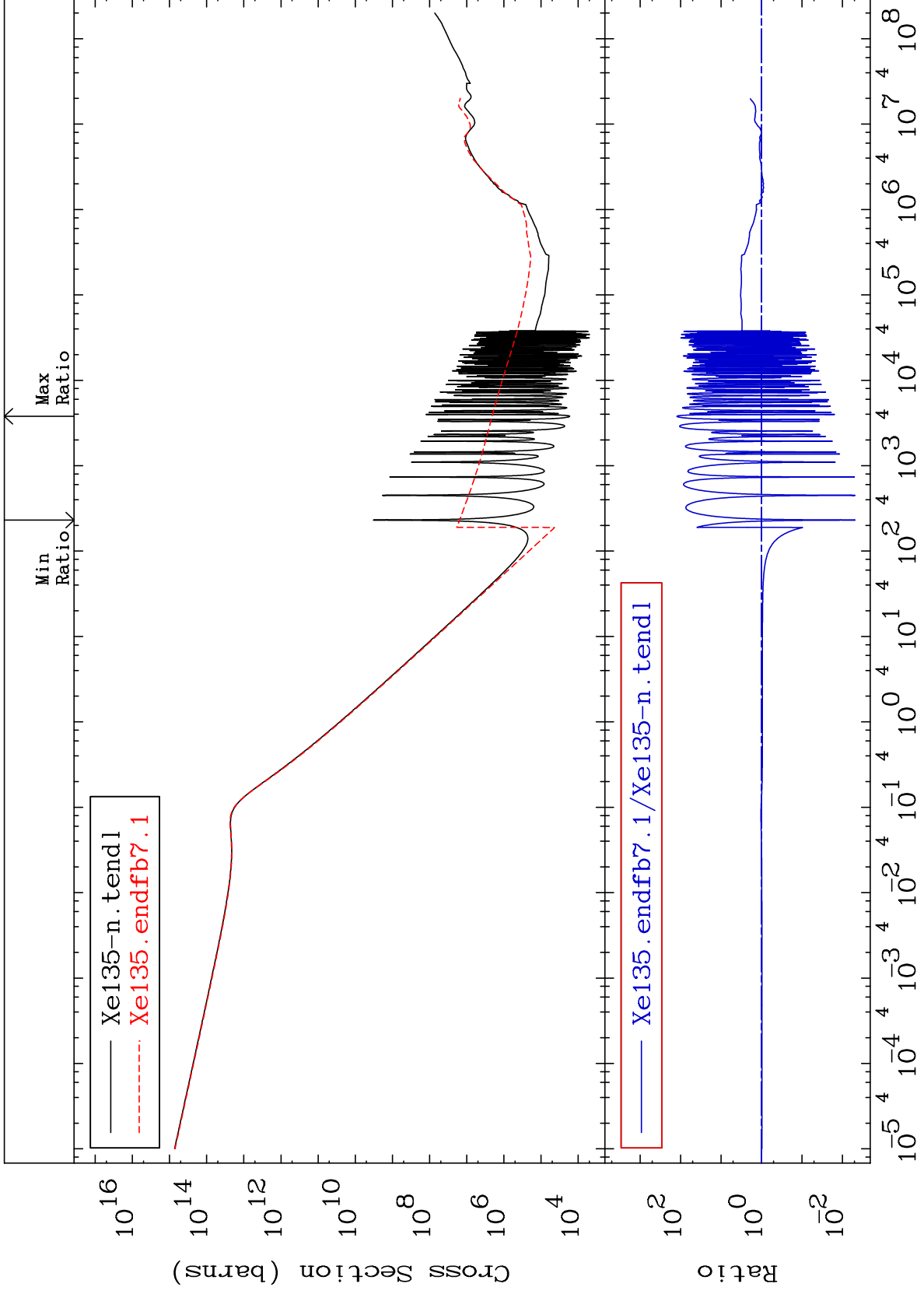
MAT 5458

Kerma total (eV-barns)

54-Xe-135

Cross Section

-99.52 To 9999. %



35

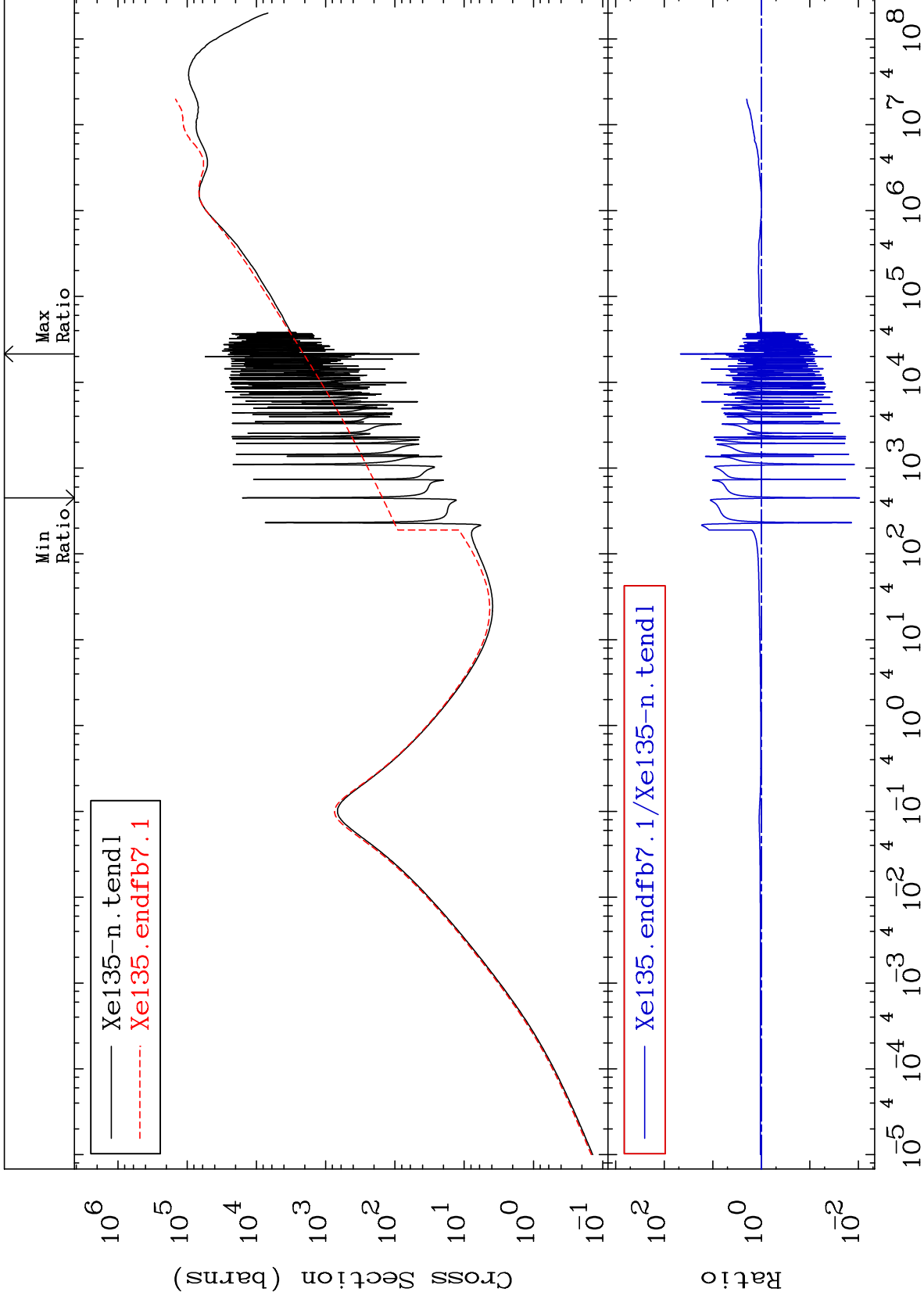
Incident Energy (eV)

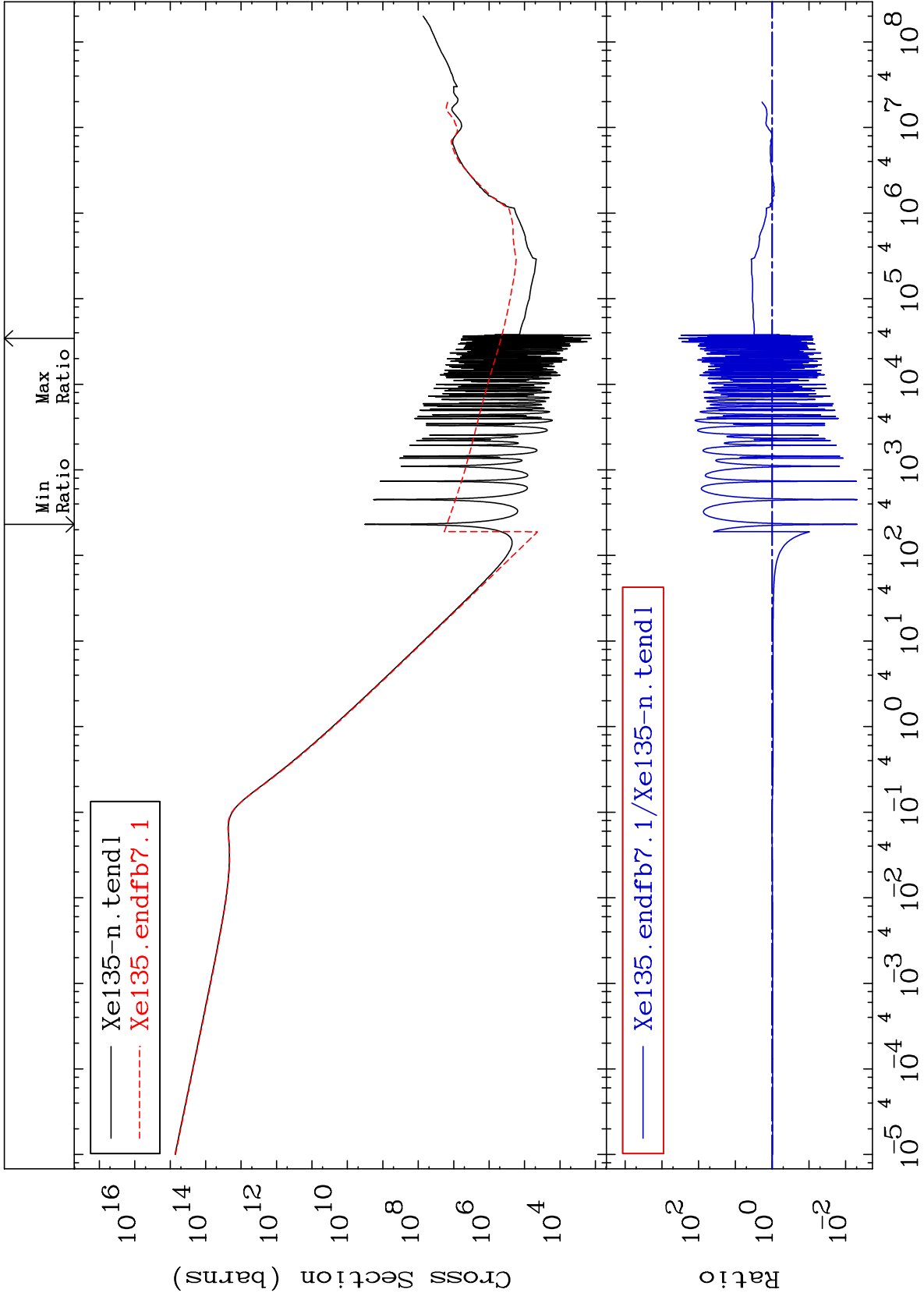
54-Xe-135

MAT 5458

Kerma elastic  
Cross Section

54-Xe-135  
-99.05 To 4561. %

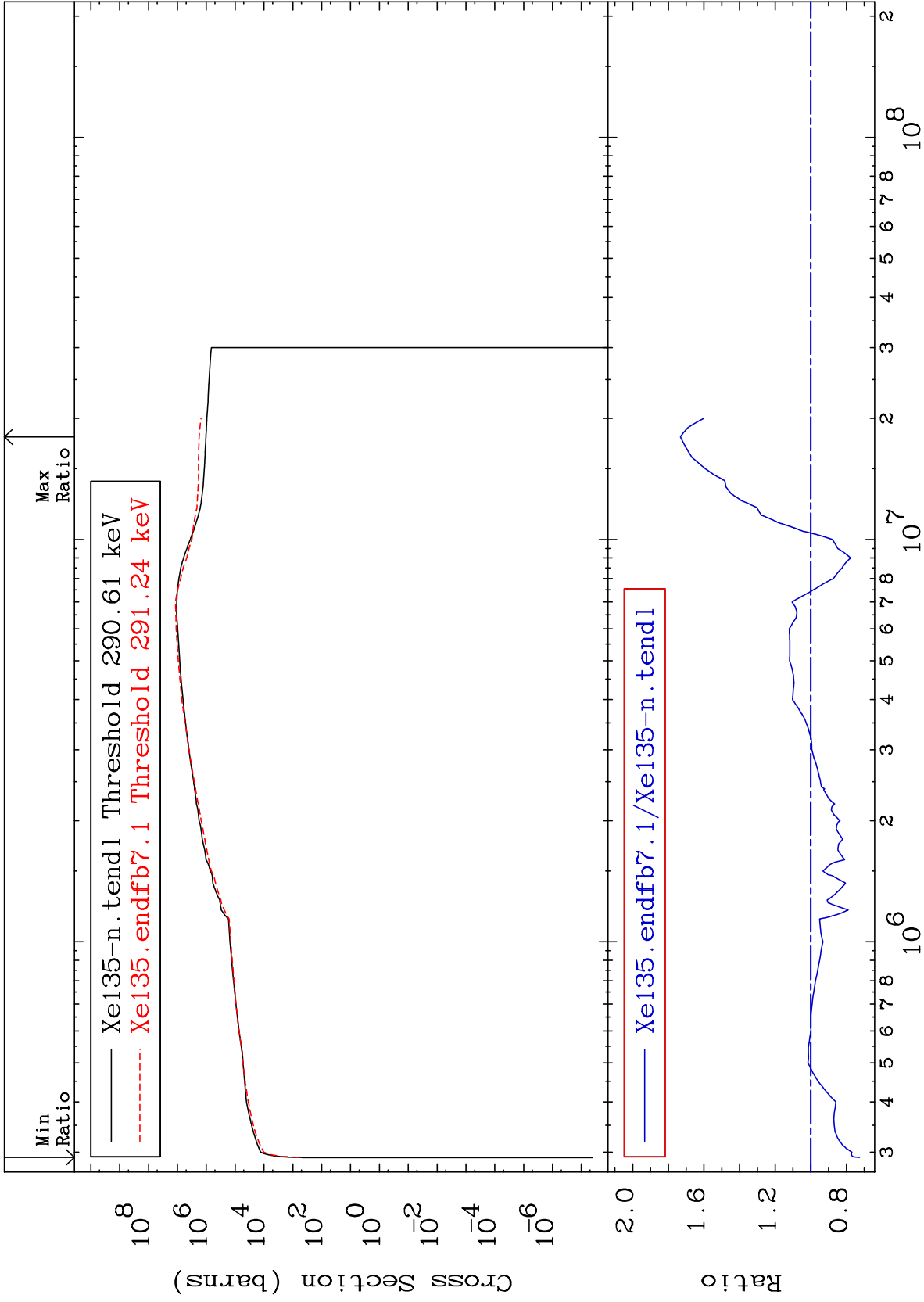




MAT 5458

Kerma inelastic (mt51-91)  
Cross Section

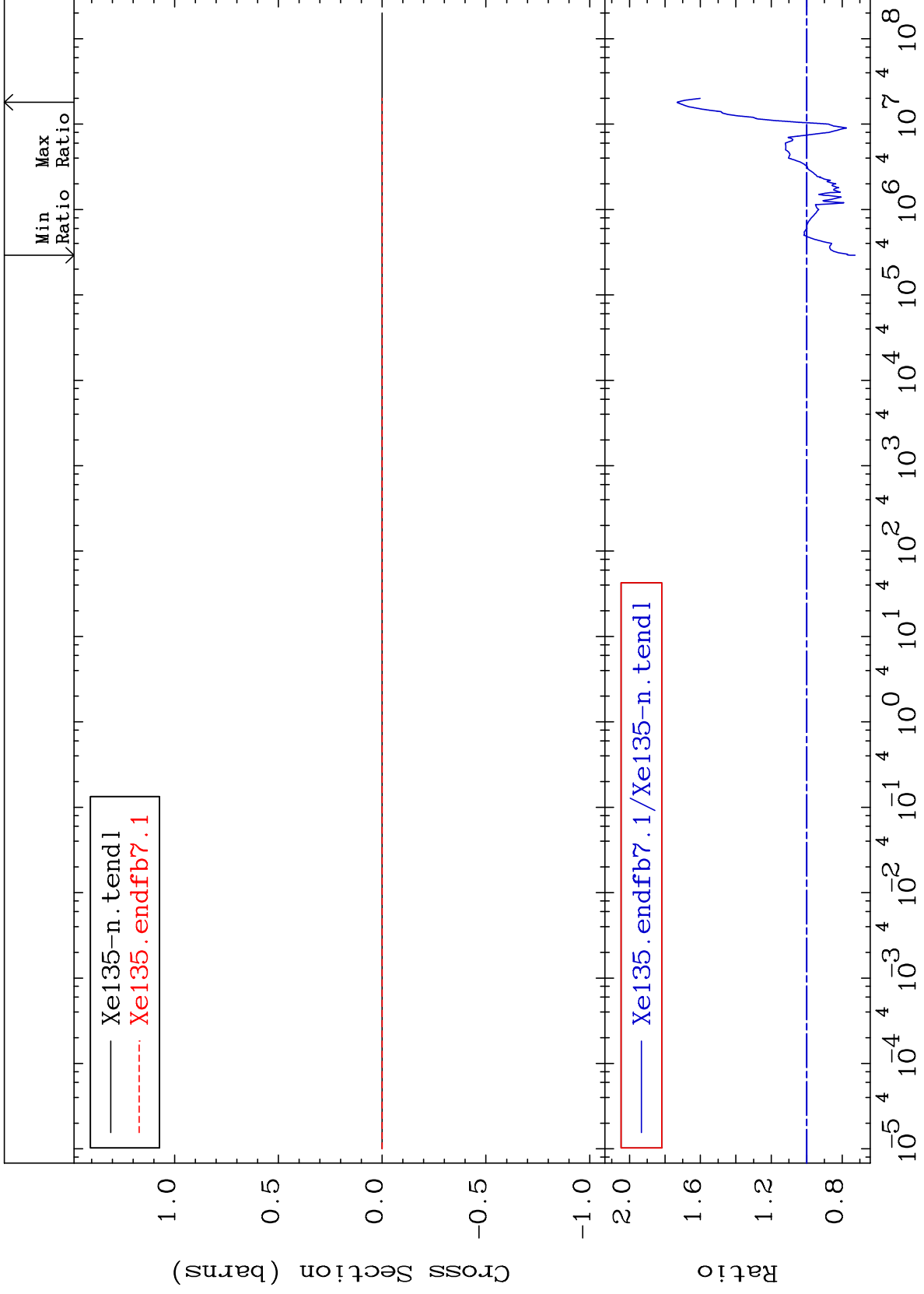
54-Xe-135  
-27.29 To 73.24 %



MAT 5458

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

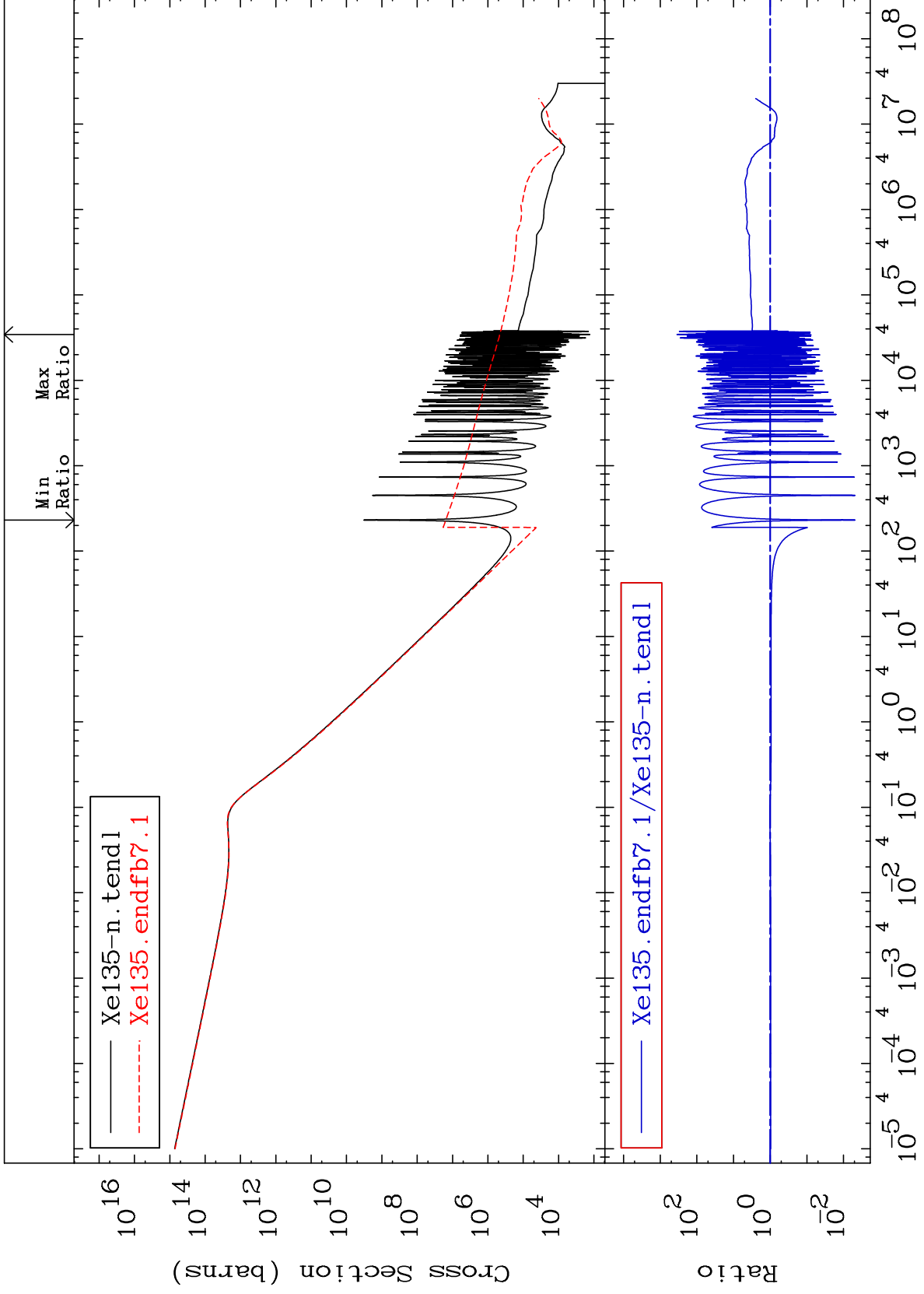
54-Xe-135  
-27.29 To 73.24 %



MAT 5458

Kerma capture (mt102)  
Cross Section

54-Xe-135  
-99.52 To 9999. %



40

Incident Energy (eV)

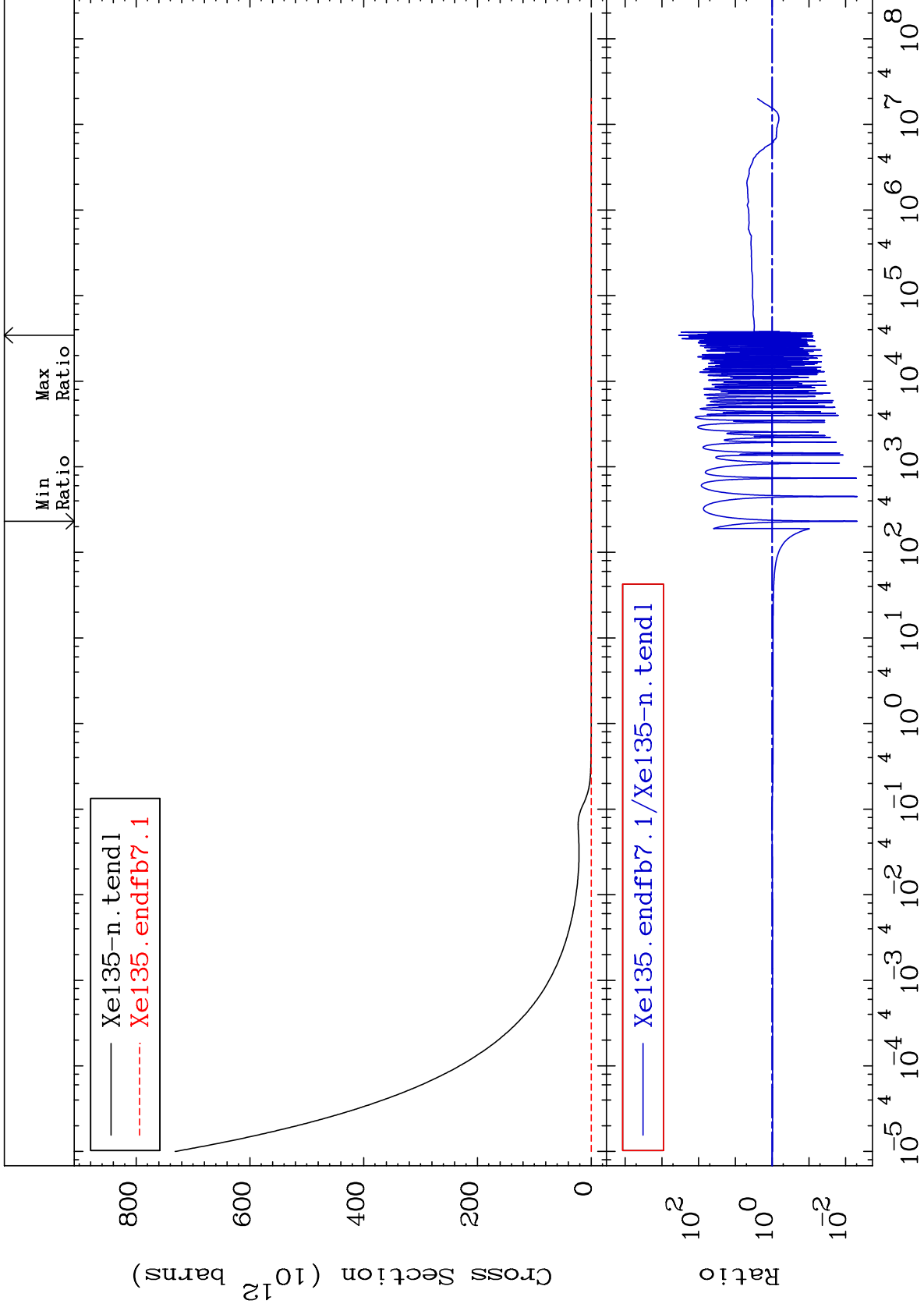
54-Xe-135



MAT 5458

Total photon (eV-barns)  
Cross Section

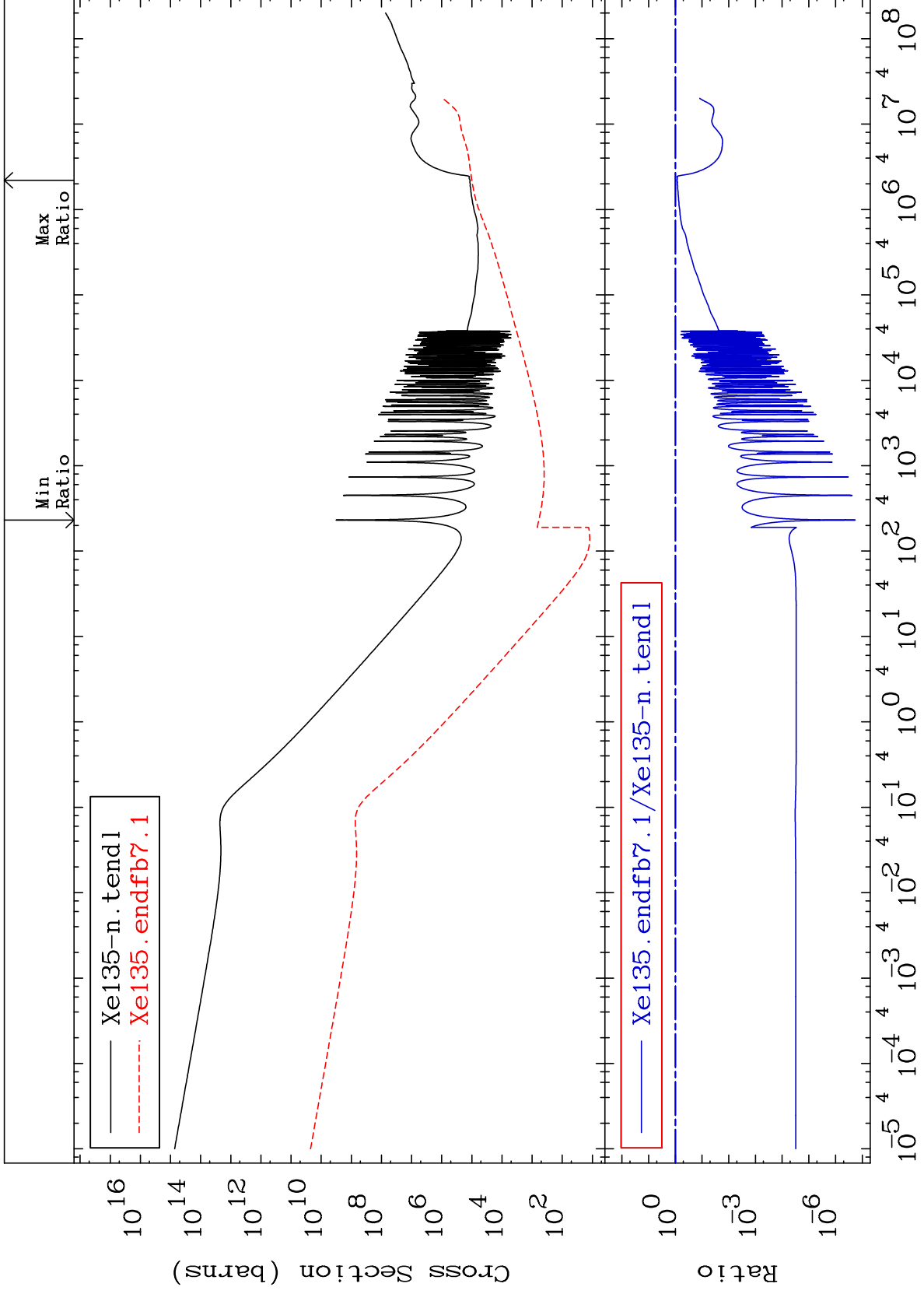
54-Xe-135  
-99.52 To 9999. %



MAT 5458

Total kinematic kerma (high limit)  
Cross Section

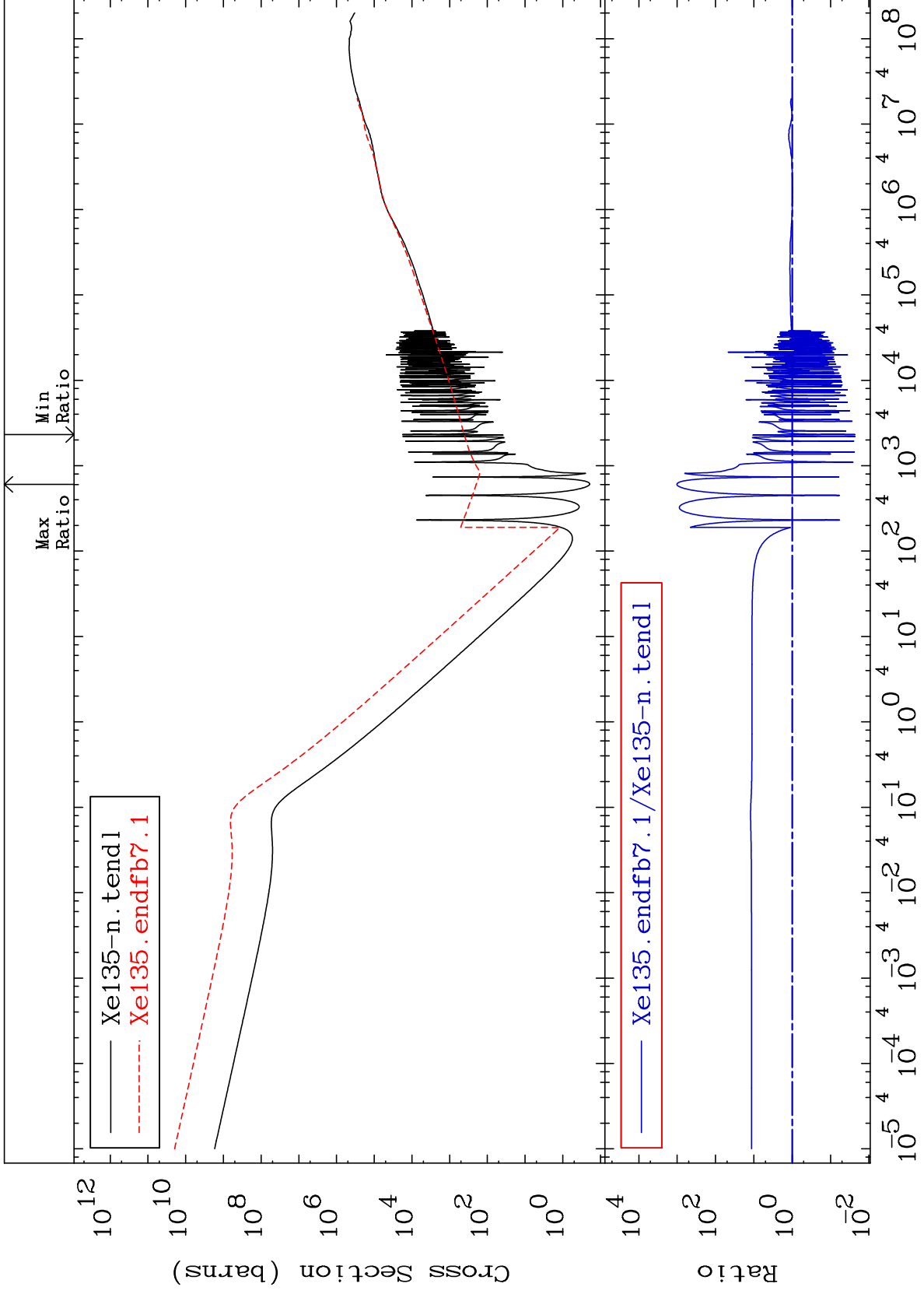
54-Xe-135  
-100.0 To -12.85%



MAT 5458

Dpa total (eV-barns)  
Cross Section

54-Xe-135  
-97.71 To 9999. %



MAT 5458

Dpa elastic (mt2)  
Cross Section

54-Xe-135  
-98.81 To 4561. %

