

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

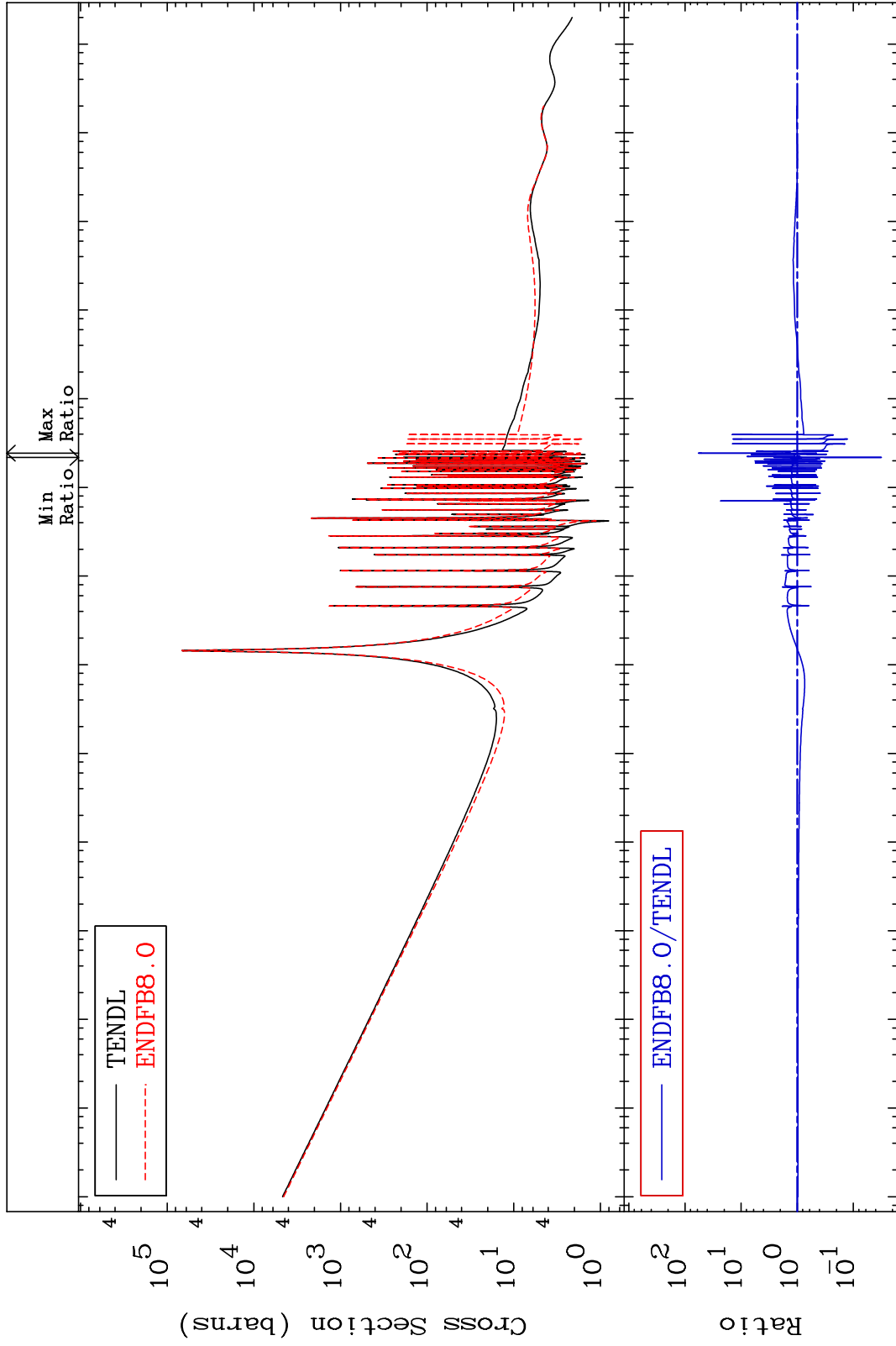
MAT 5446

Total

54-Xe-131

-96.86 To 5678. %

Cross Section



Ratio

Incident Energy (eV)

54-Xe-131

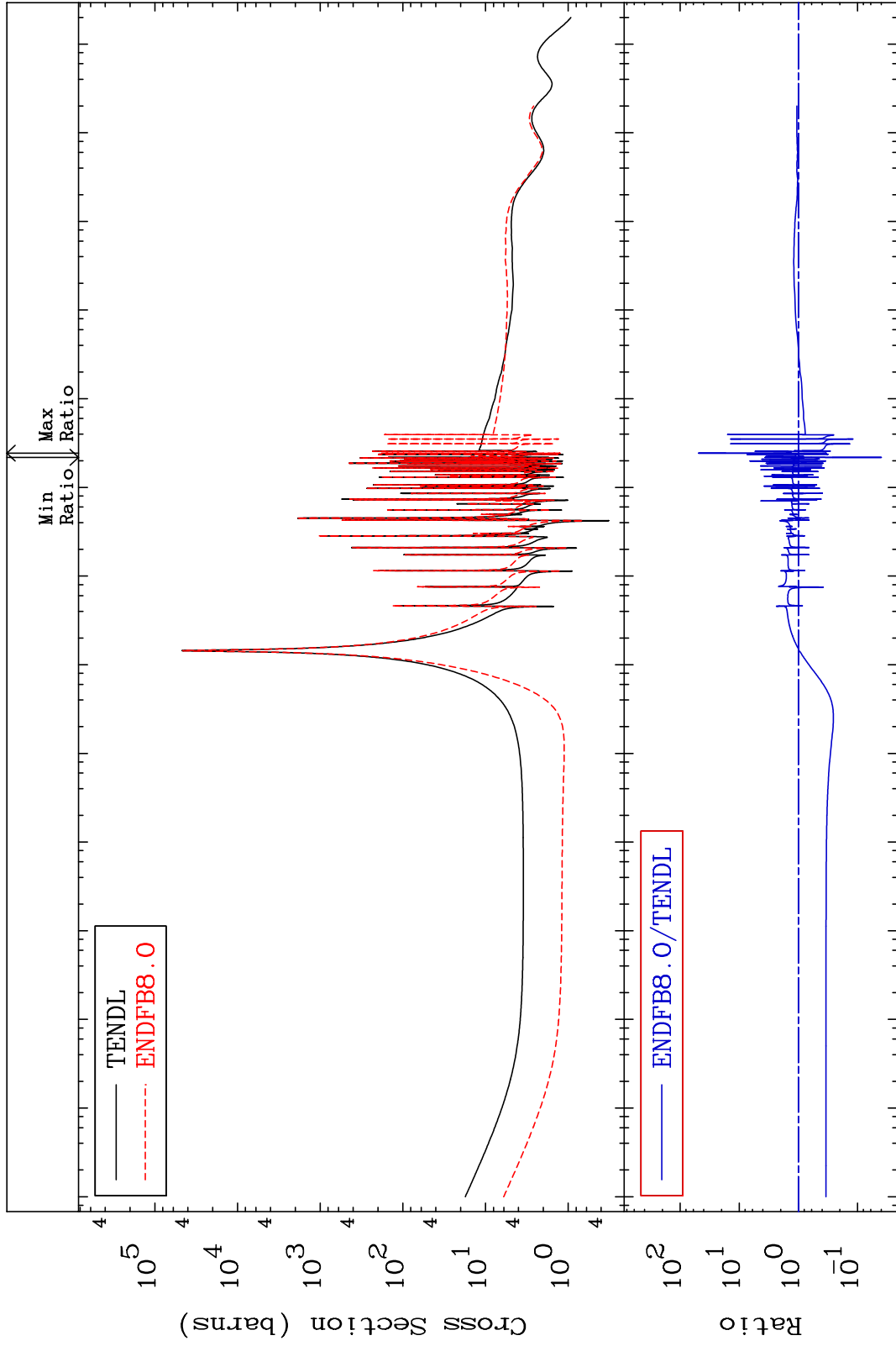
MAT 5446

Elastic

54-Xe-131

Cross Section

-96.06 To 4837. %



2

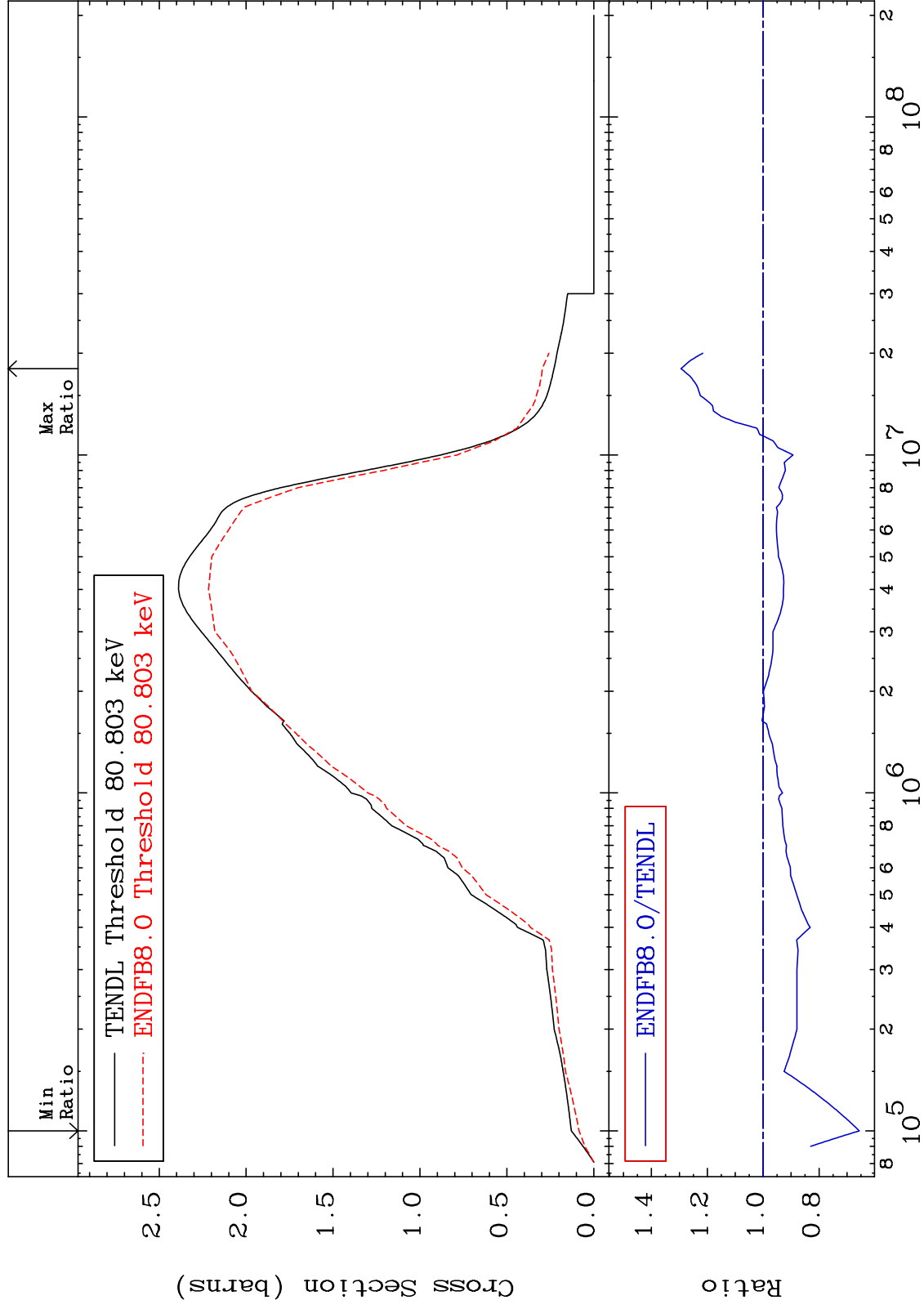
Incident Energy (eV)

54-Xe-131

MAT 5446

Inelastic  
Cross Section

54-Xe-131  
-34.41 To 29.40 %



3

Incident Energy (eV)

54-Xe-131

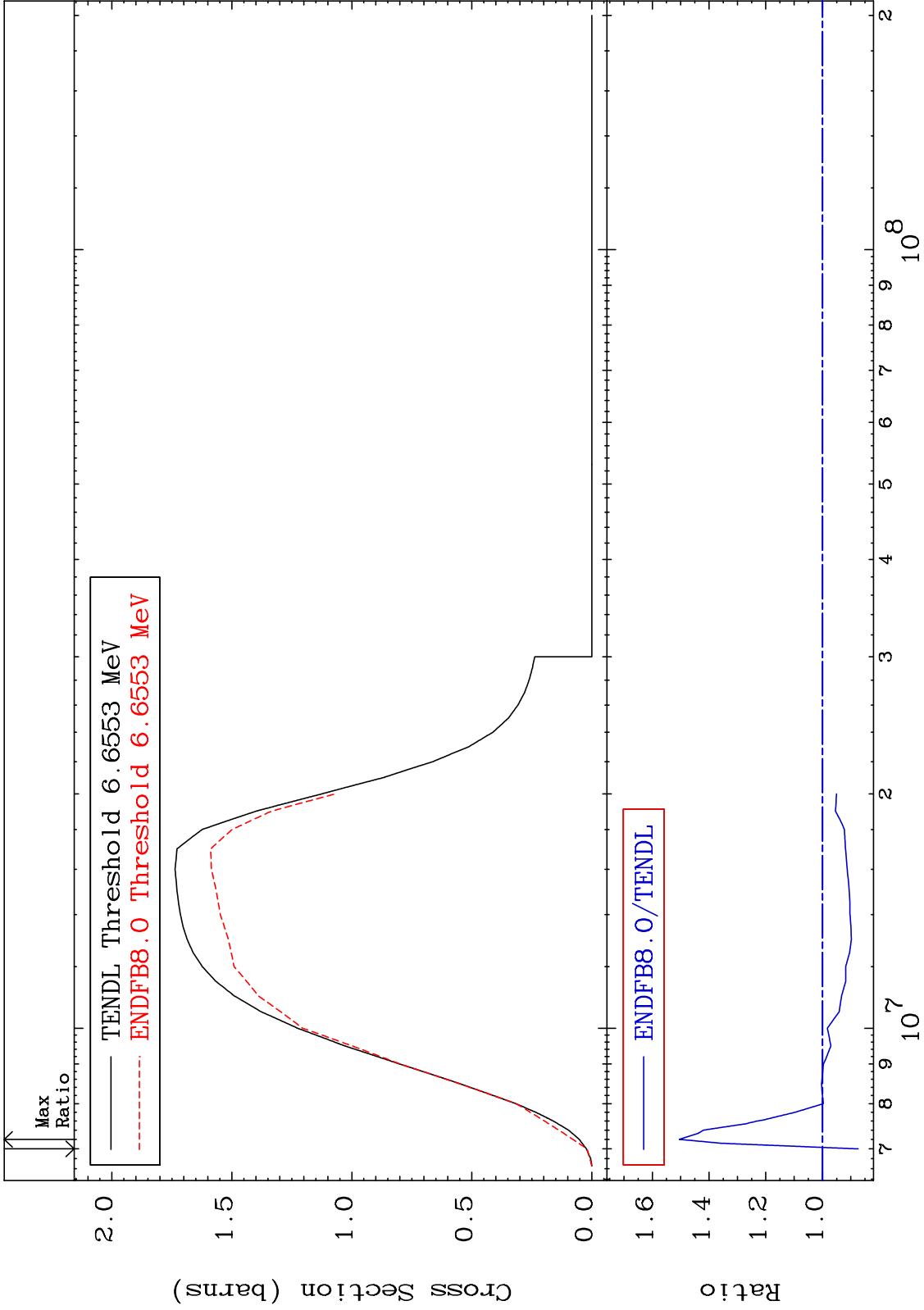
MAT 5446

(n,2n)

54-Xe-131

Cross Section

-12.61 To 50.46 %



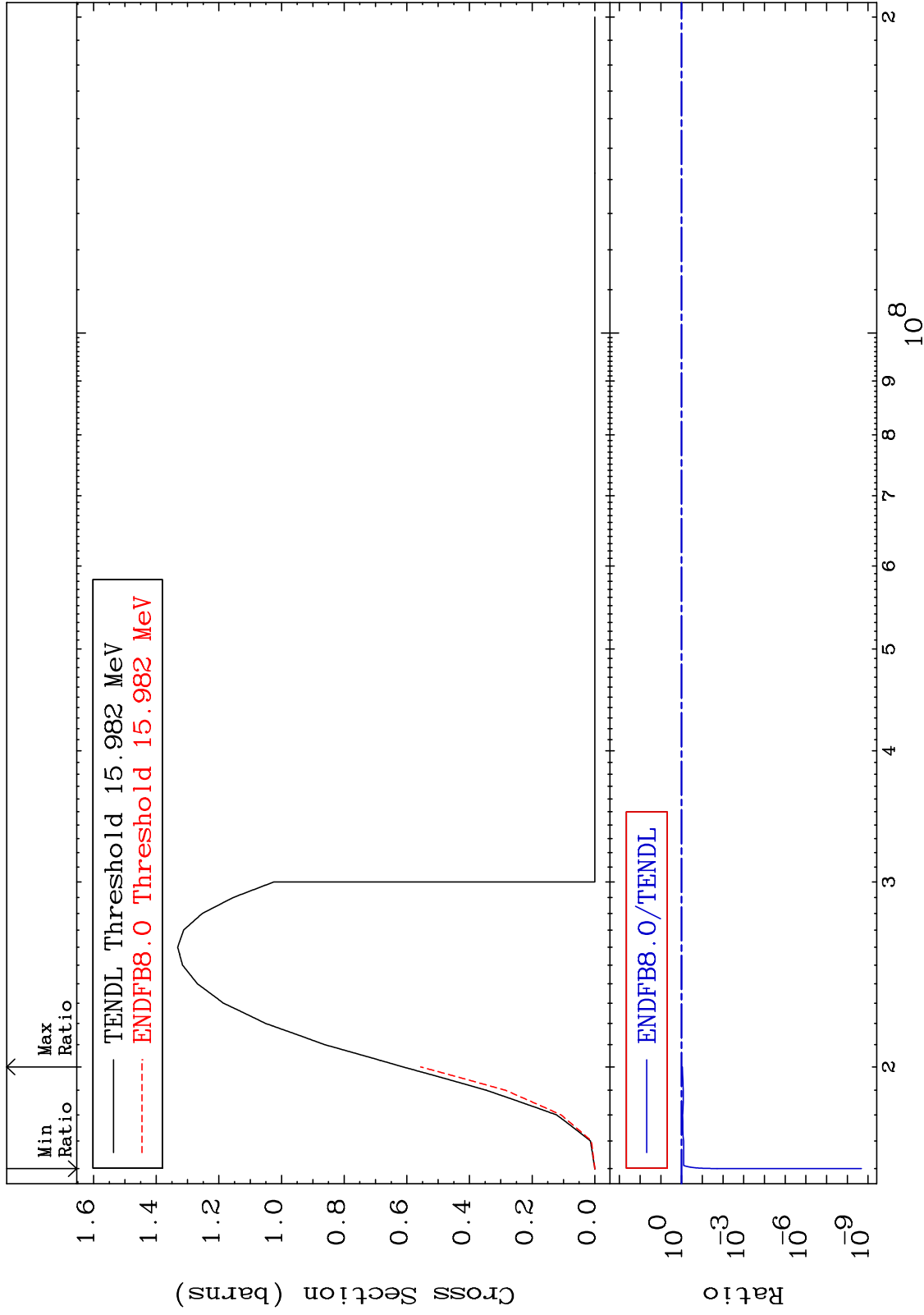
MAT 5446

(n,3n)

54-Xe-131

Cross Section

-100.0 To -9.221%



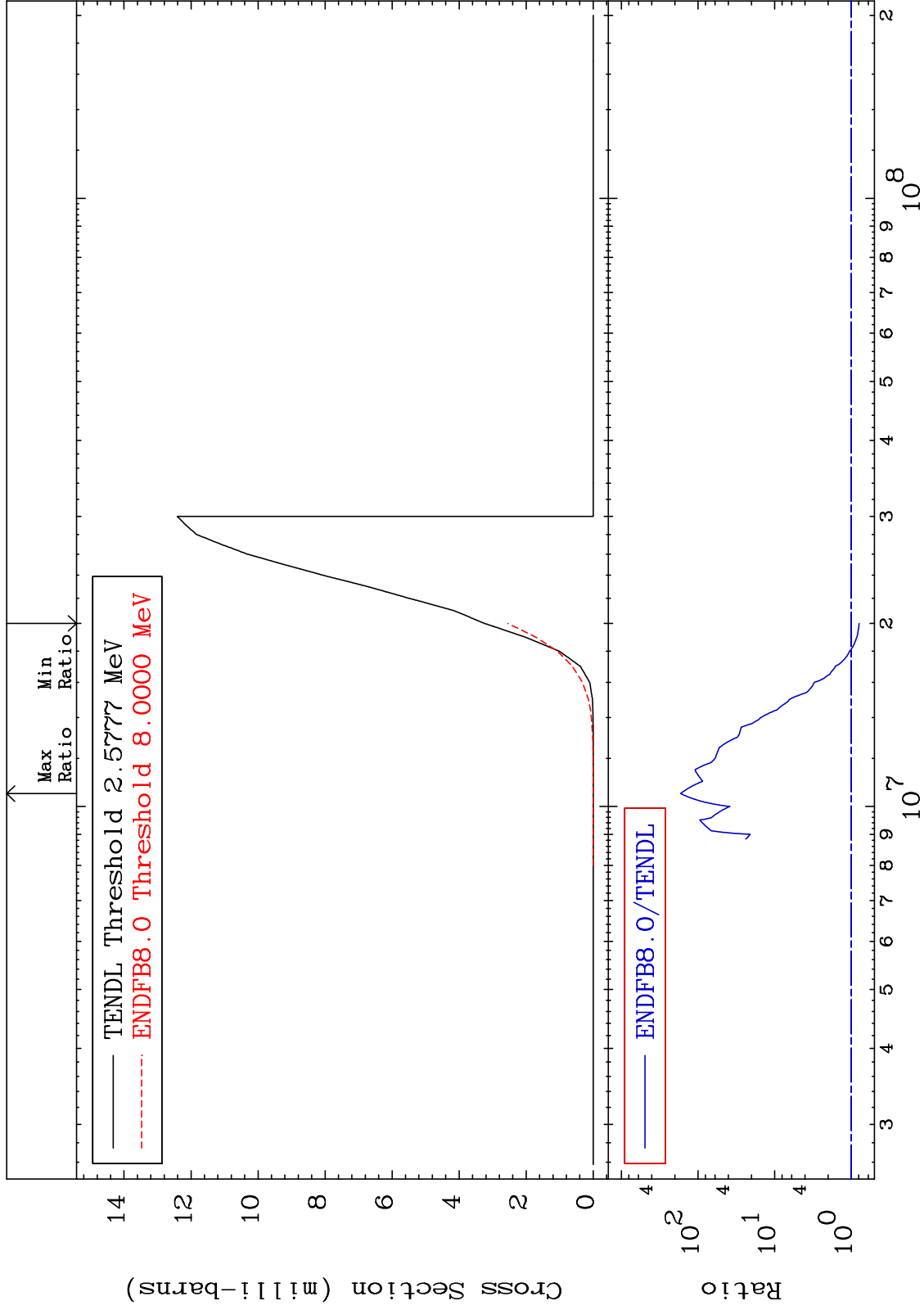
MAT 5446

(n,n')  $\alpha$

54-Xe-131

-21.32 To 9999. %

Cross Section



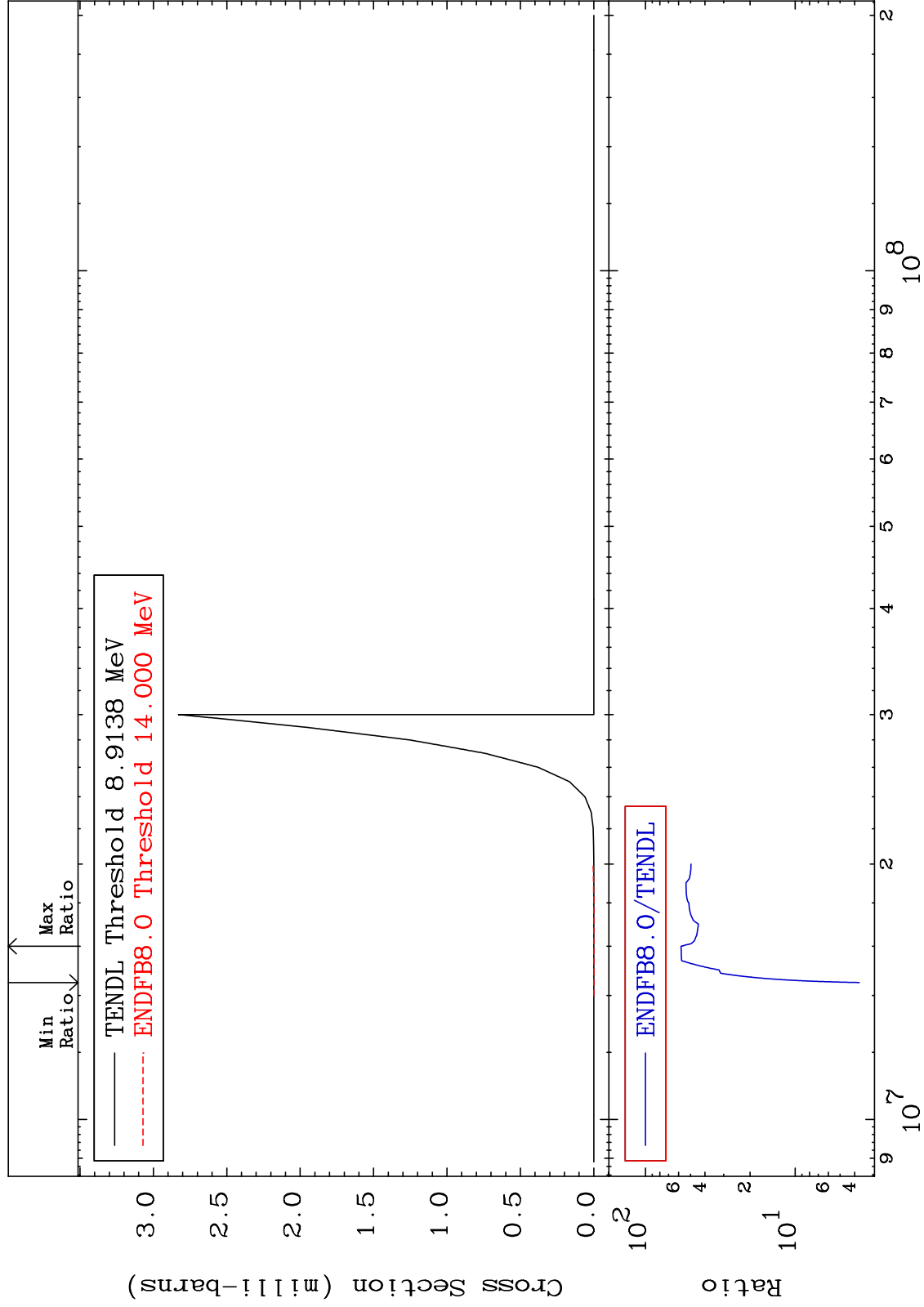
MAT 5446

(n,2n)  $\alpha$

54-Xe-131

Cross Section

272.4 To 5680. %



7

Incident Energy (eV)

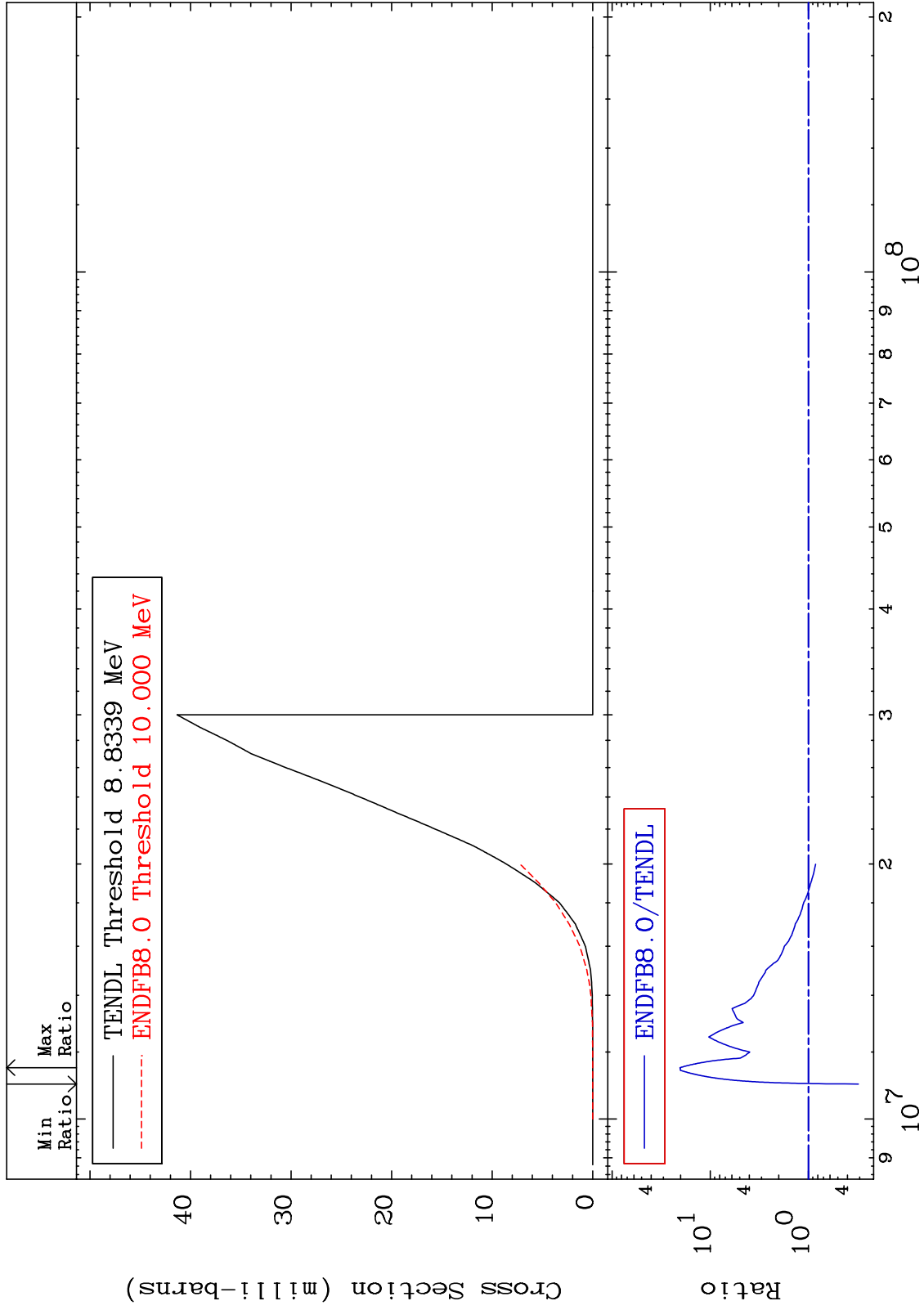
54-Xe-131



MAT 5446

(n,n') p  
Cross Section

54-Xe-131  
-69.11 To 1930. %



8

Incident Energy (eV)

54-Xe-131

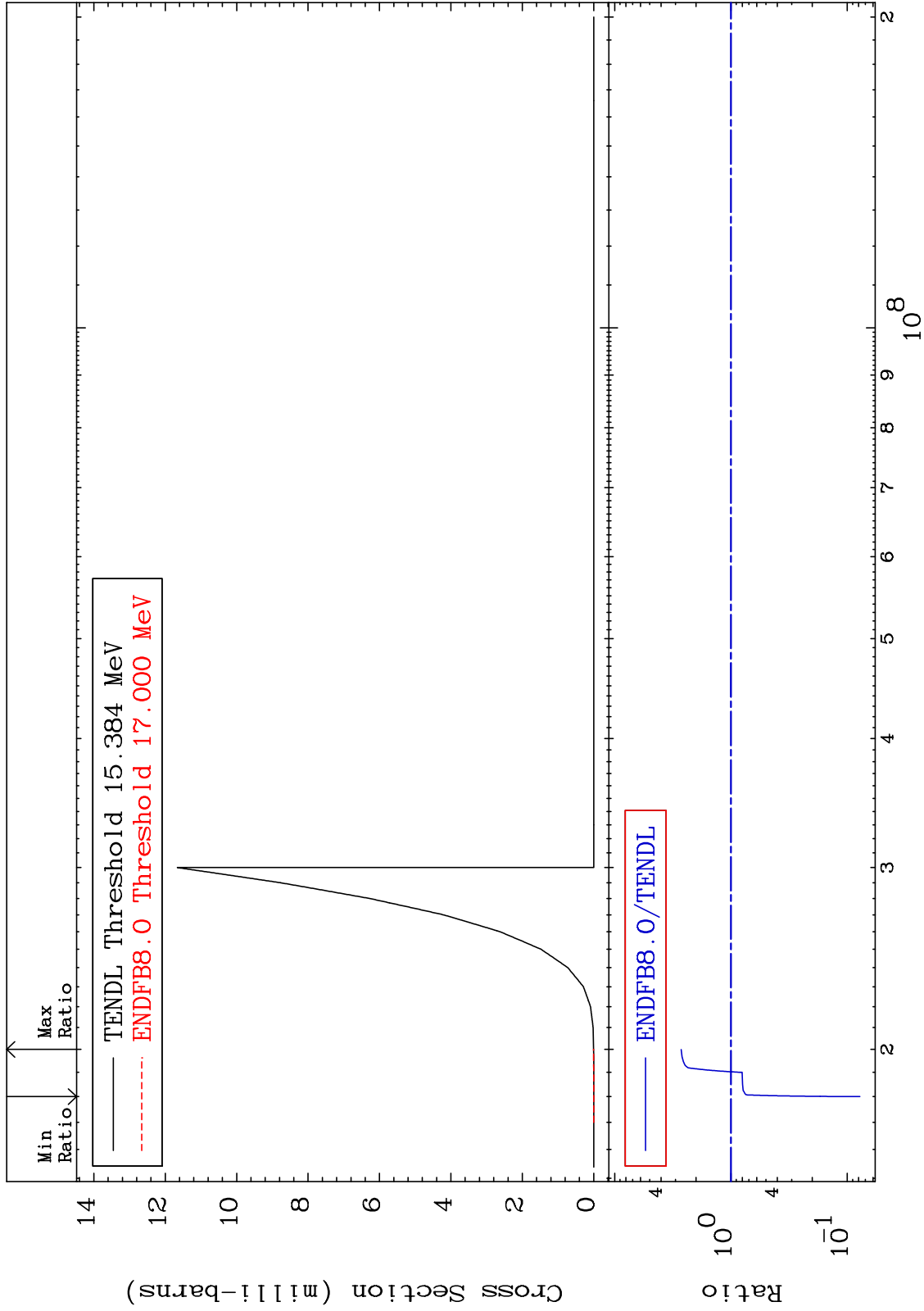
MAT 5446

(n,2n) p

54-Xe-131

Cross Section

-92.22 To 167.8 %



9

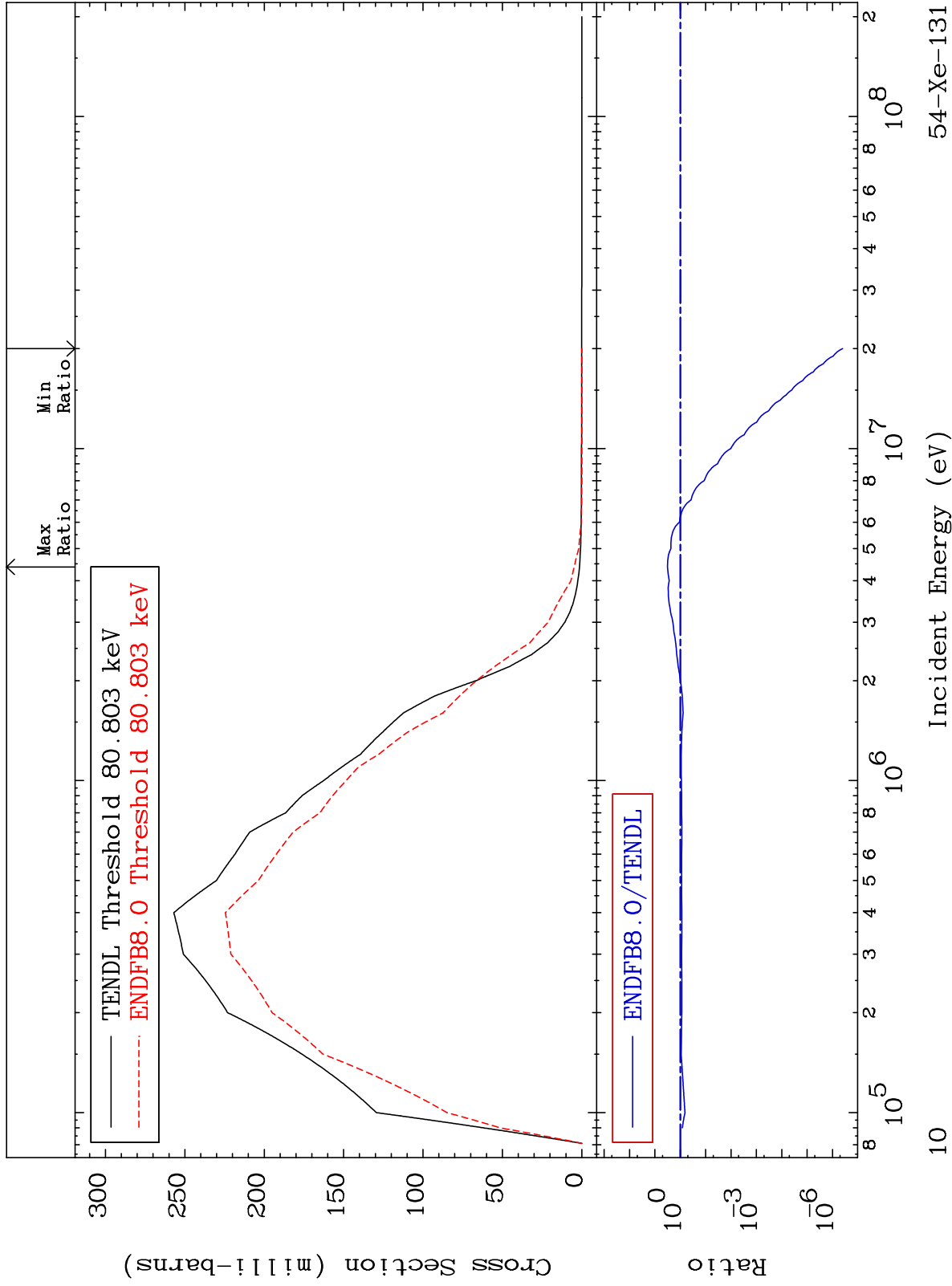
Incident Energy (eV)

54-Xe-131

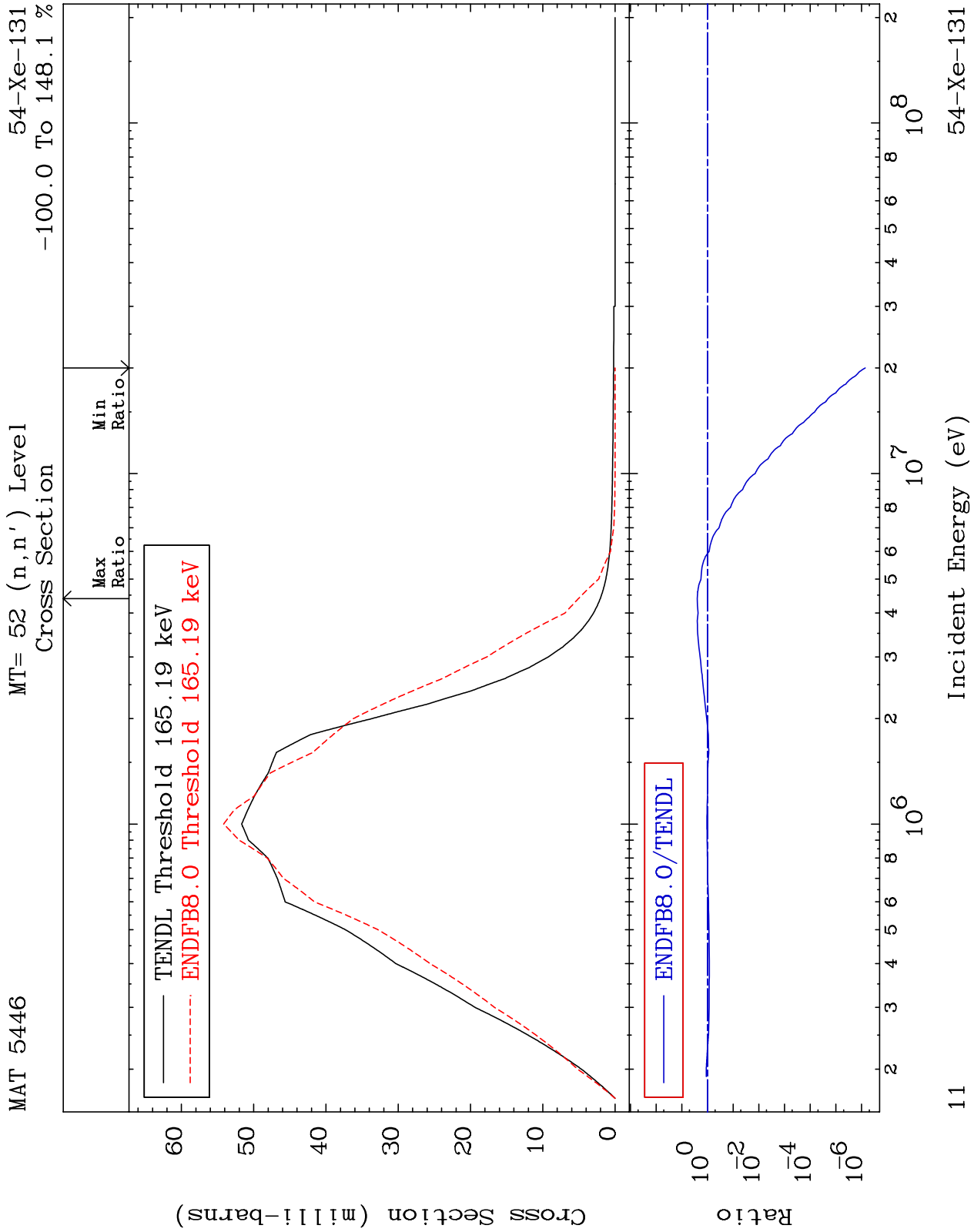
MAT 5446

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

54-Xe-131  
-100.0 To 218.0 %



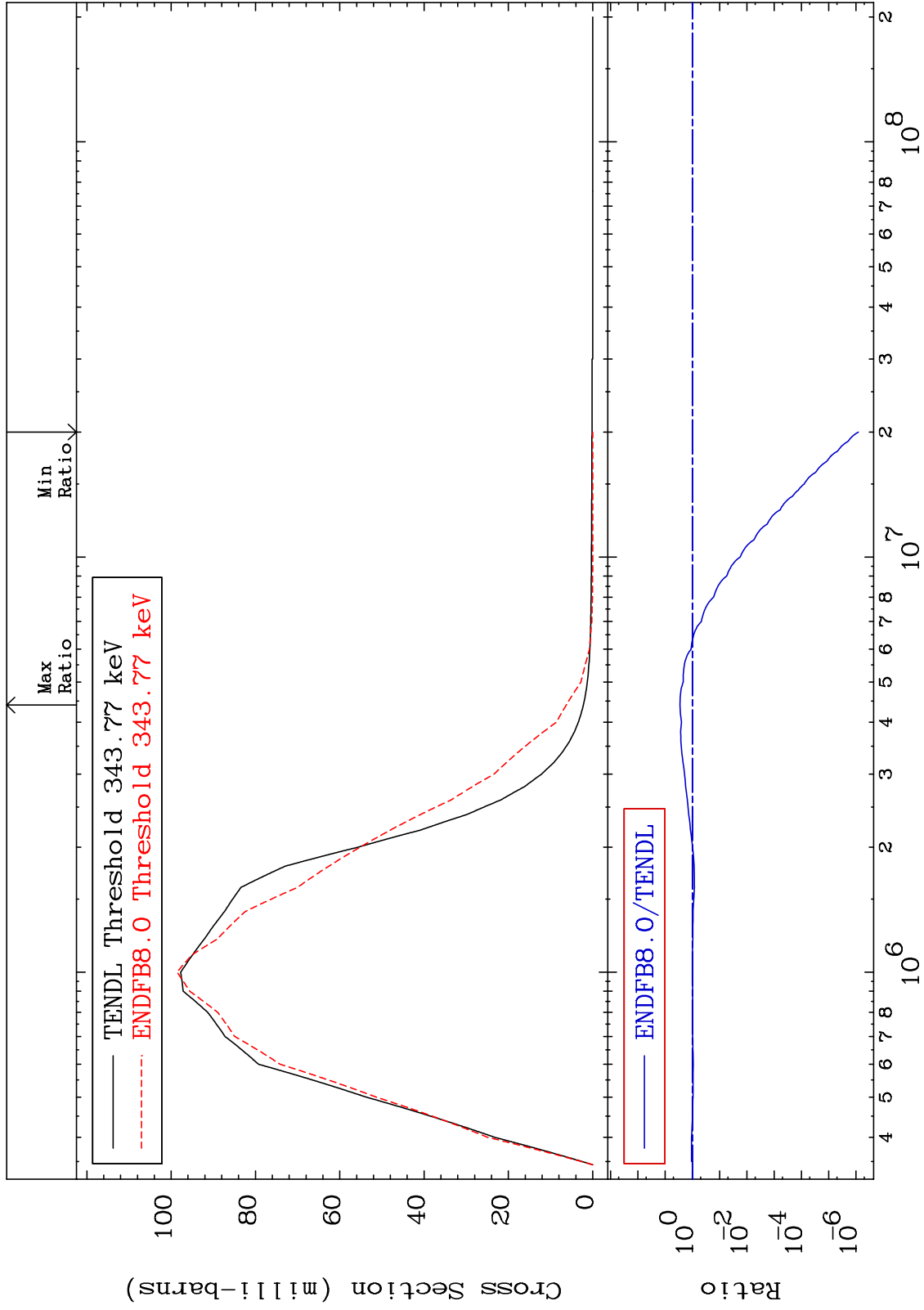
54-Xe-131



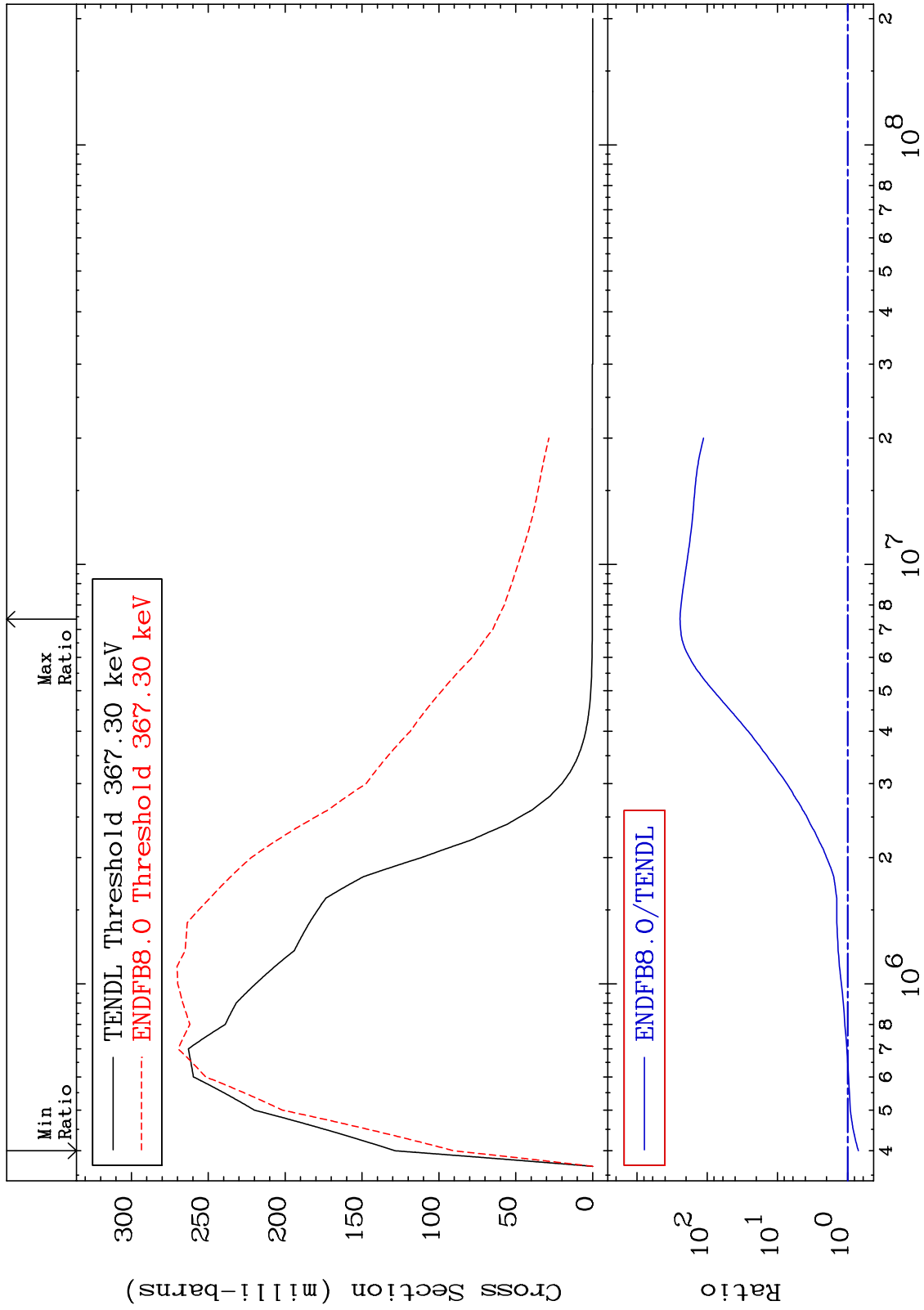
MAT 5446

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

54-Xe-131  
-100.0 To 184.1 %



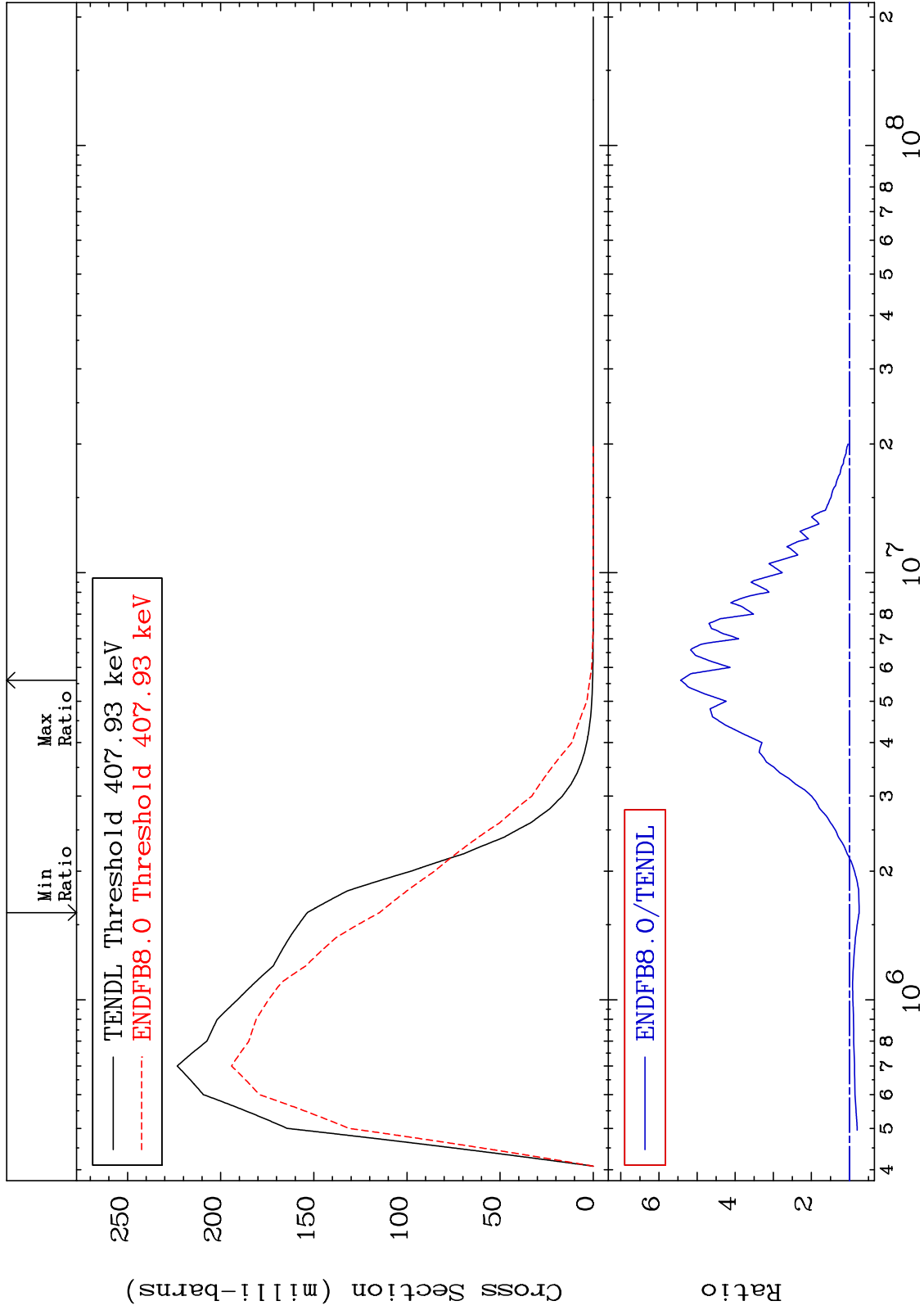
MAT 5446 MT= 54 (n,n') Level Cross Section 54-Xe-131  
 -29.72 To 9999. %



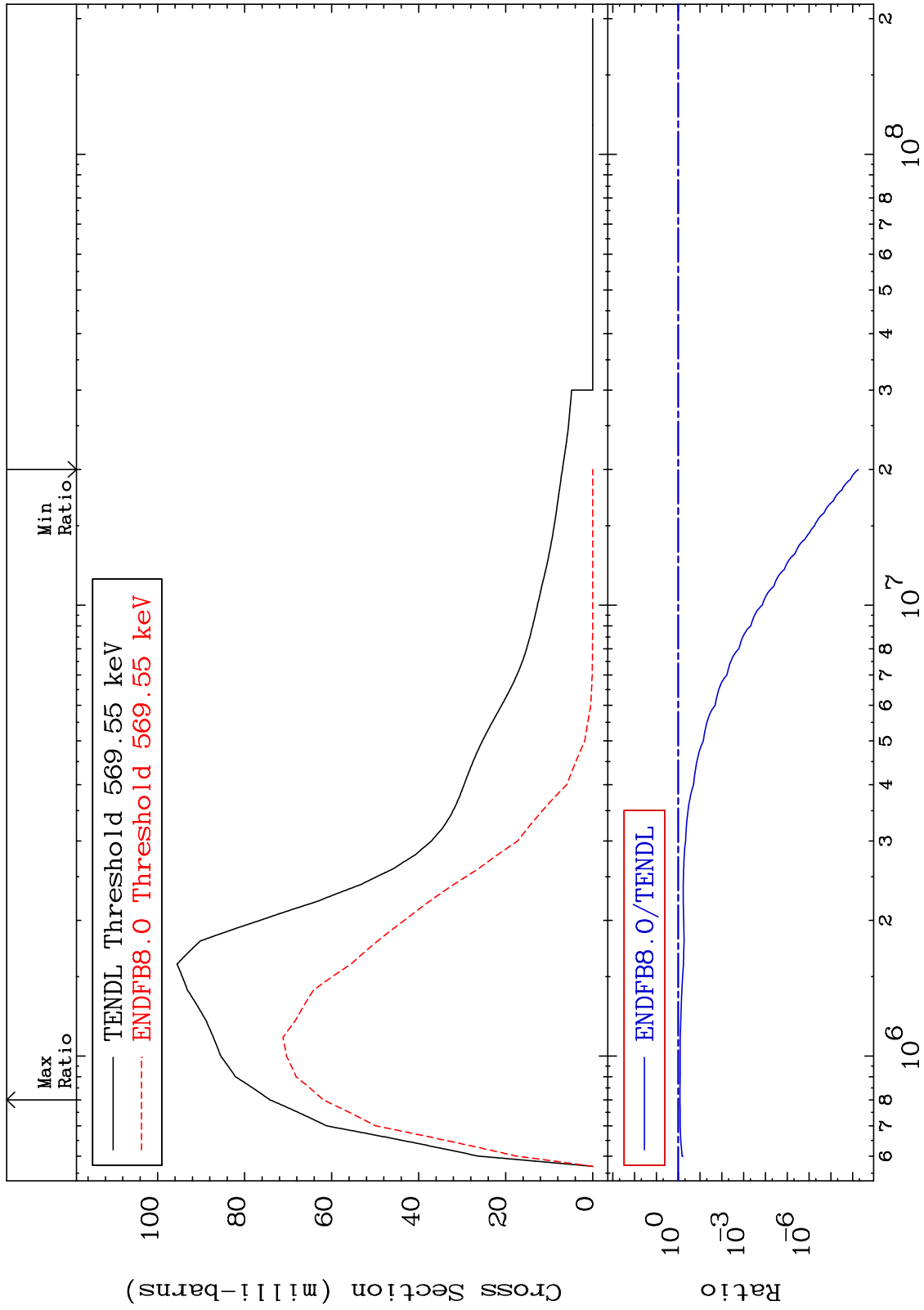
MAT 5446

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

54-Xe-131  
-25.27 To 443.1 %



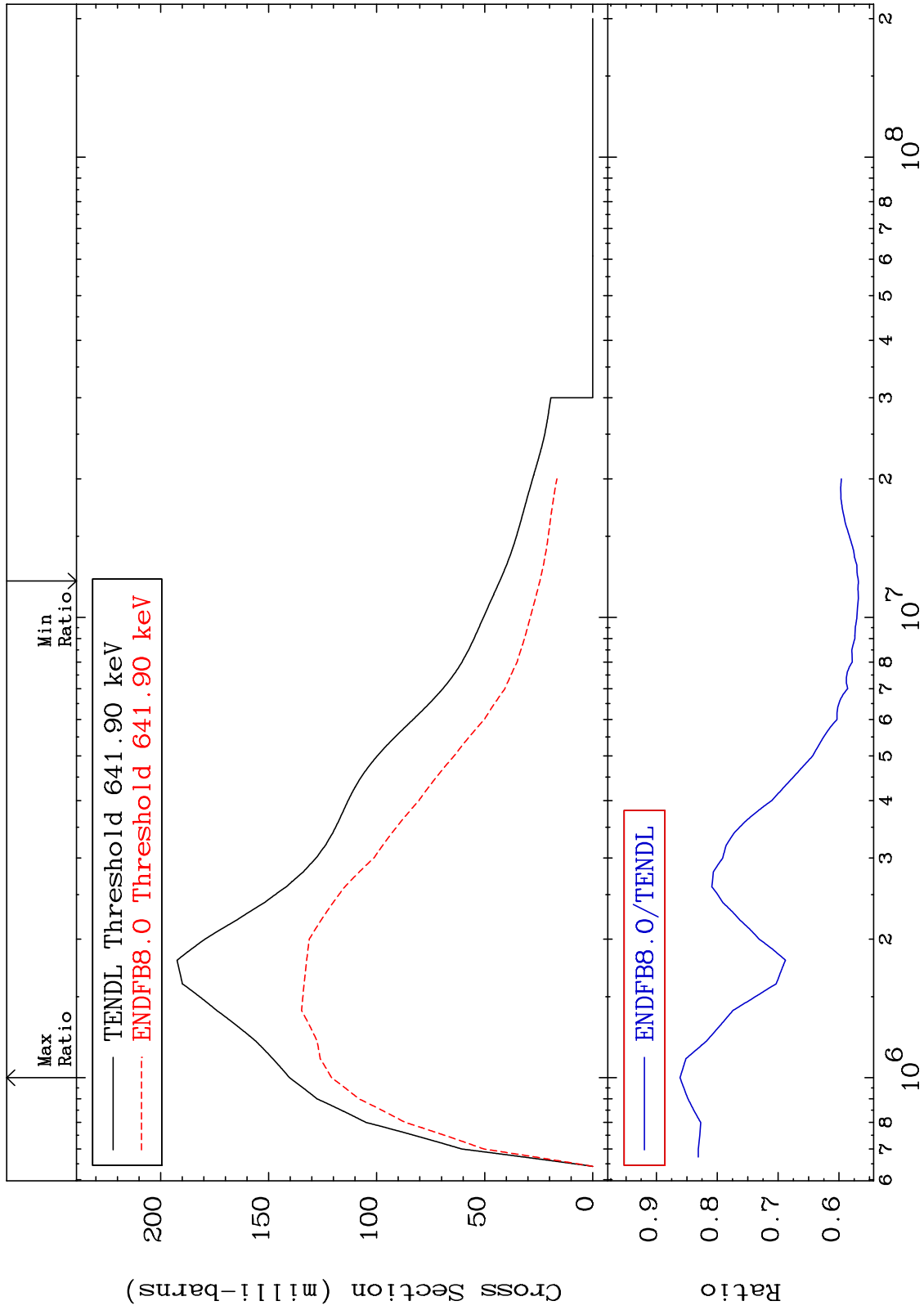
MAT 5446 MT= 56 (n,n') Level Cross Section 54-Xe-131 -100.0 To -16.55%



15 54-Xe-131 Incident Energy (eV)



MAT 5446 MT= 57 (n,n') Level Cross Section 54-Xe-131 -43.18 To -13.88%

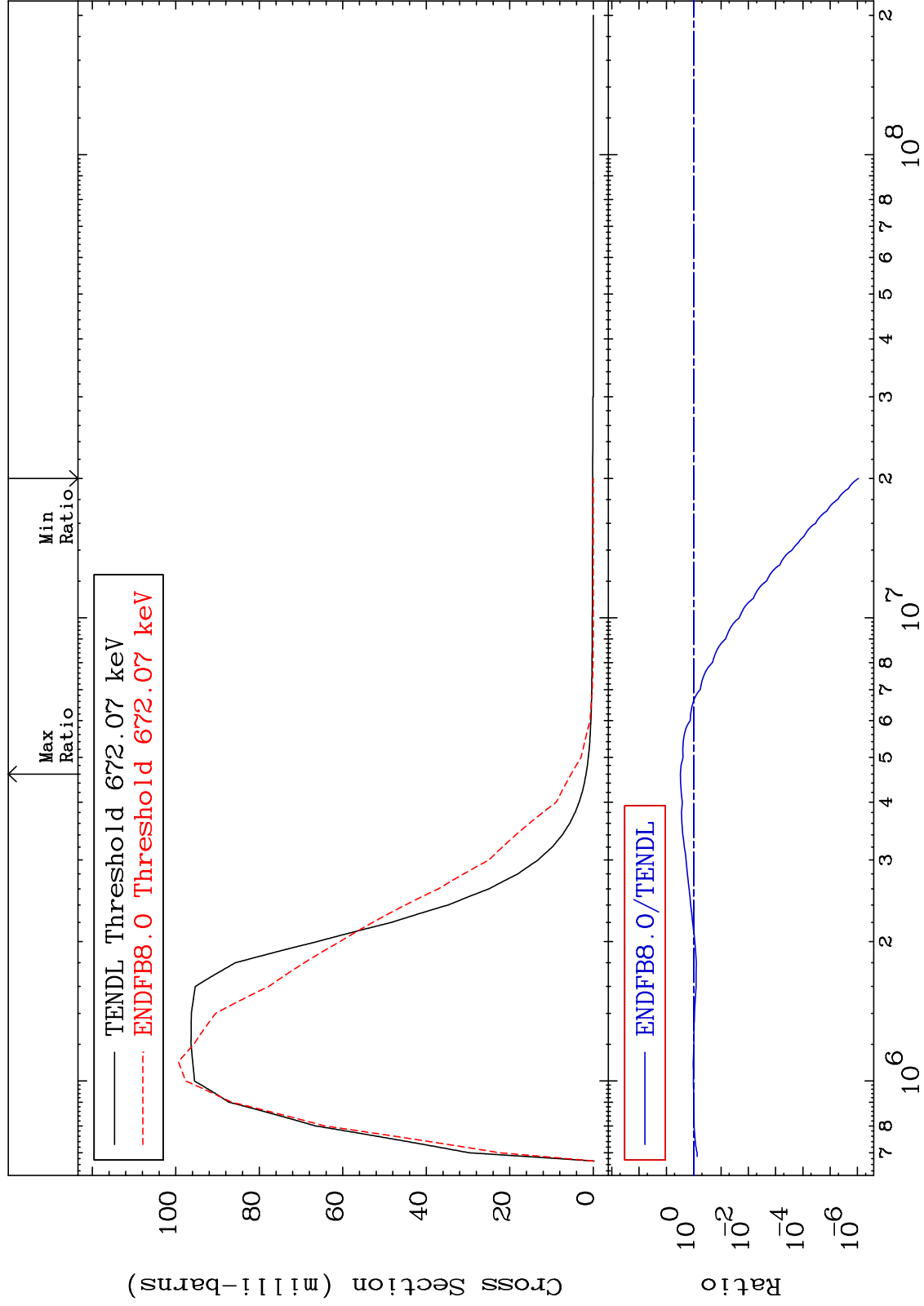


16 54-Xe-131 Incident Energy (eV)

MAT 5446

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

54-Xe-131  
-100.0 To 205.4 %



17

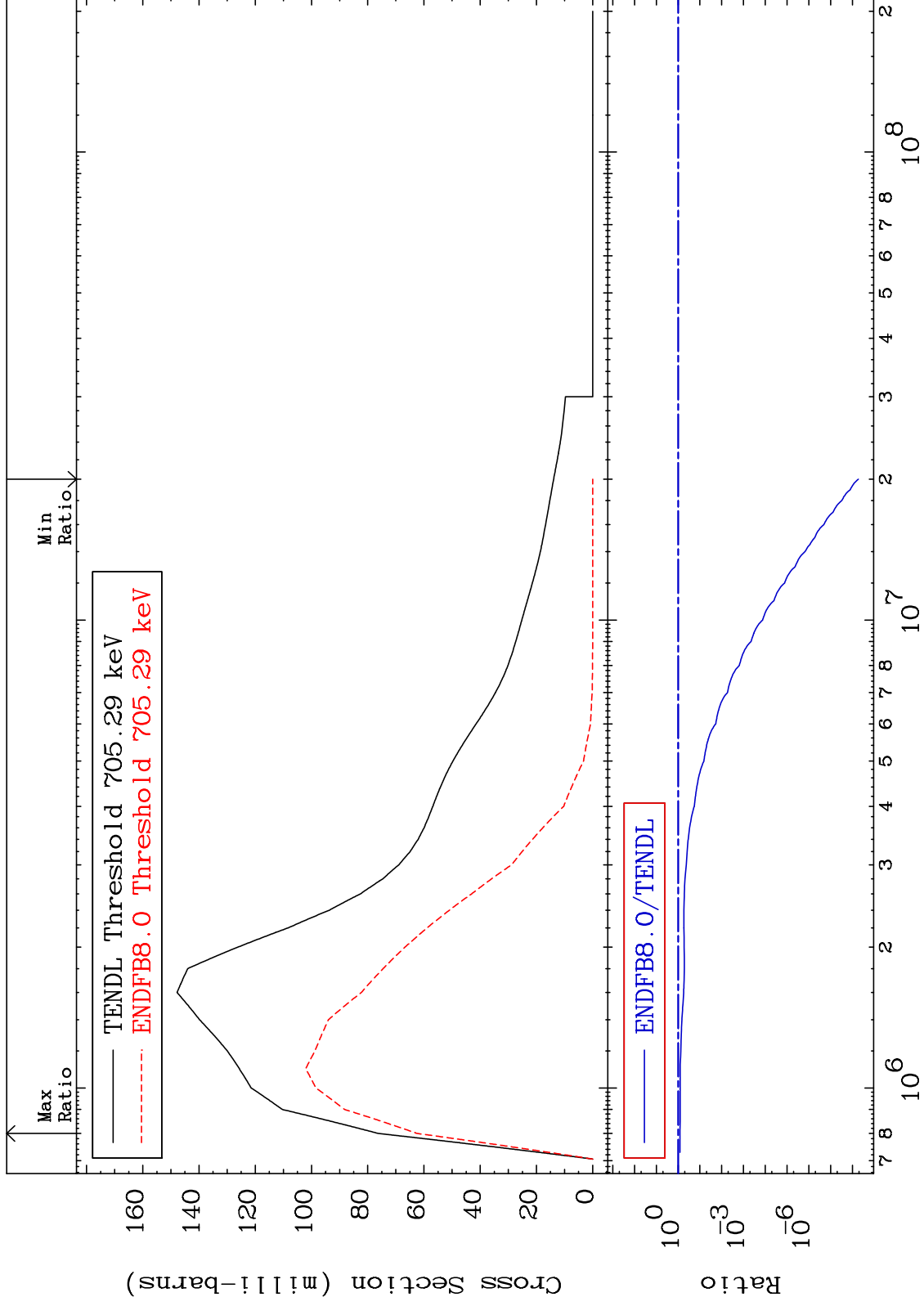
Incident Energy (eV)

54-Xe-131

MAT 5446

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

54-Xe-131  
-100.0 To -18.13%



18

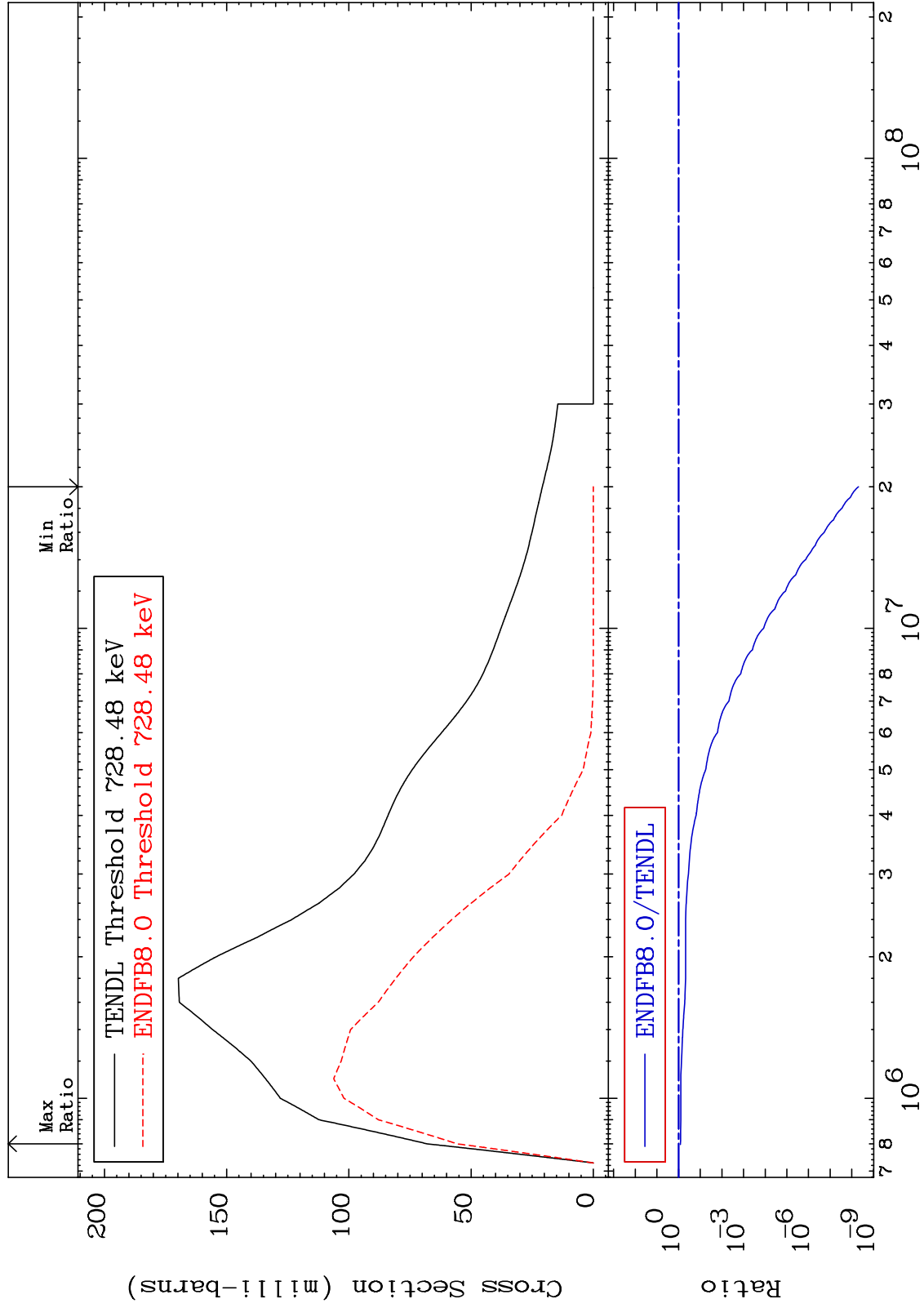
Incident Energy (eV)

54-Xe-131

MAT 5446

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

54-Xe-131  
-100.0 To -18.09%



19

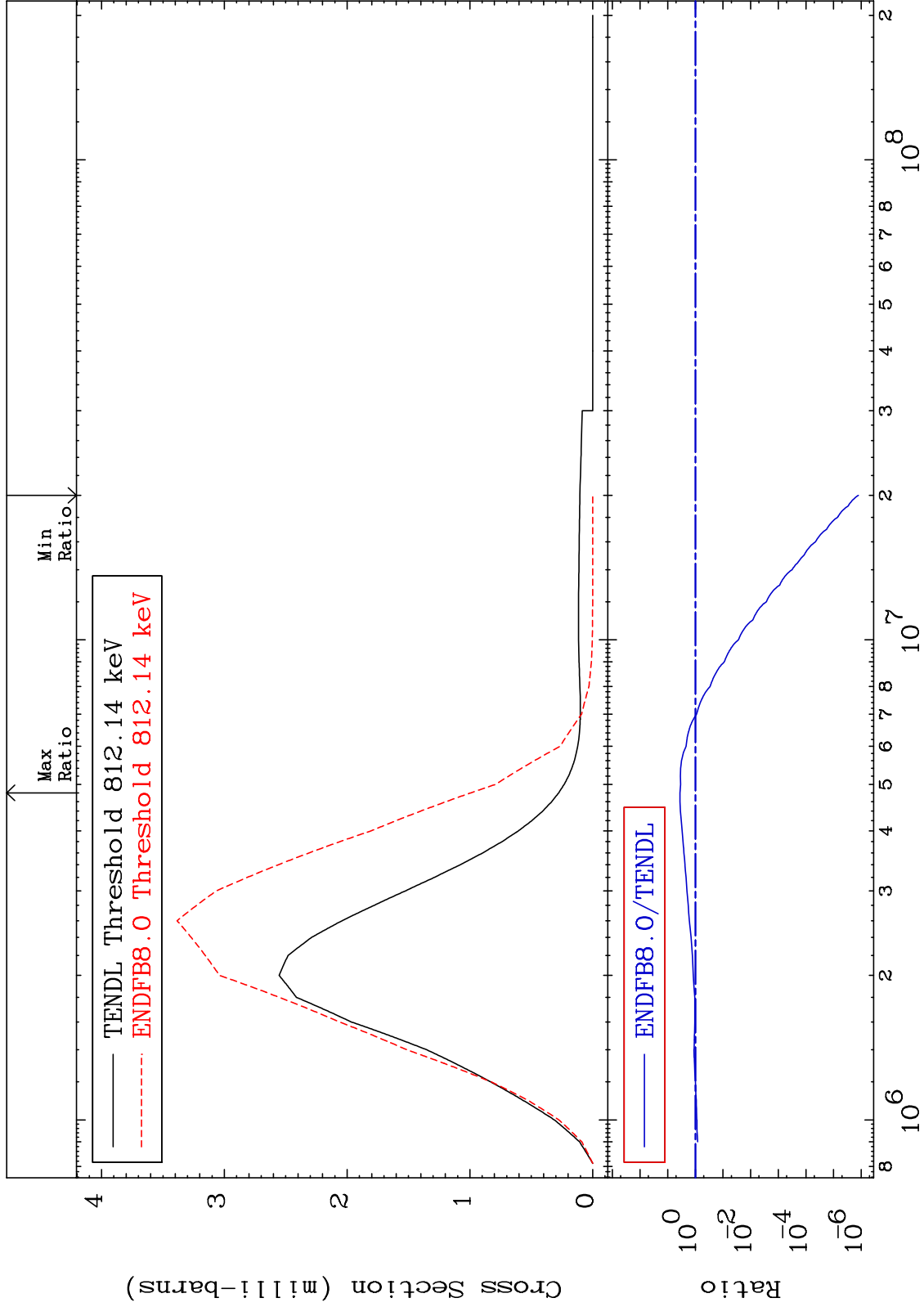
Incident Energy (eV)

54-Xe-131

MAT 5446

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

54-Xe-131  
-100.0 To 258.5 %



20

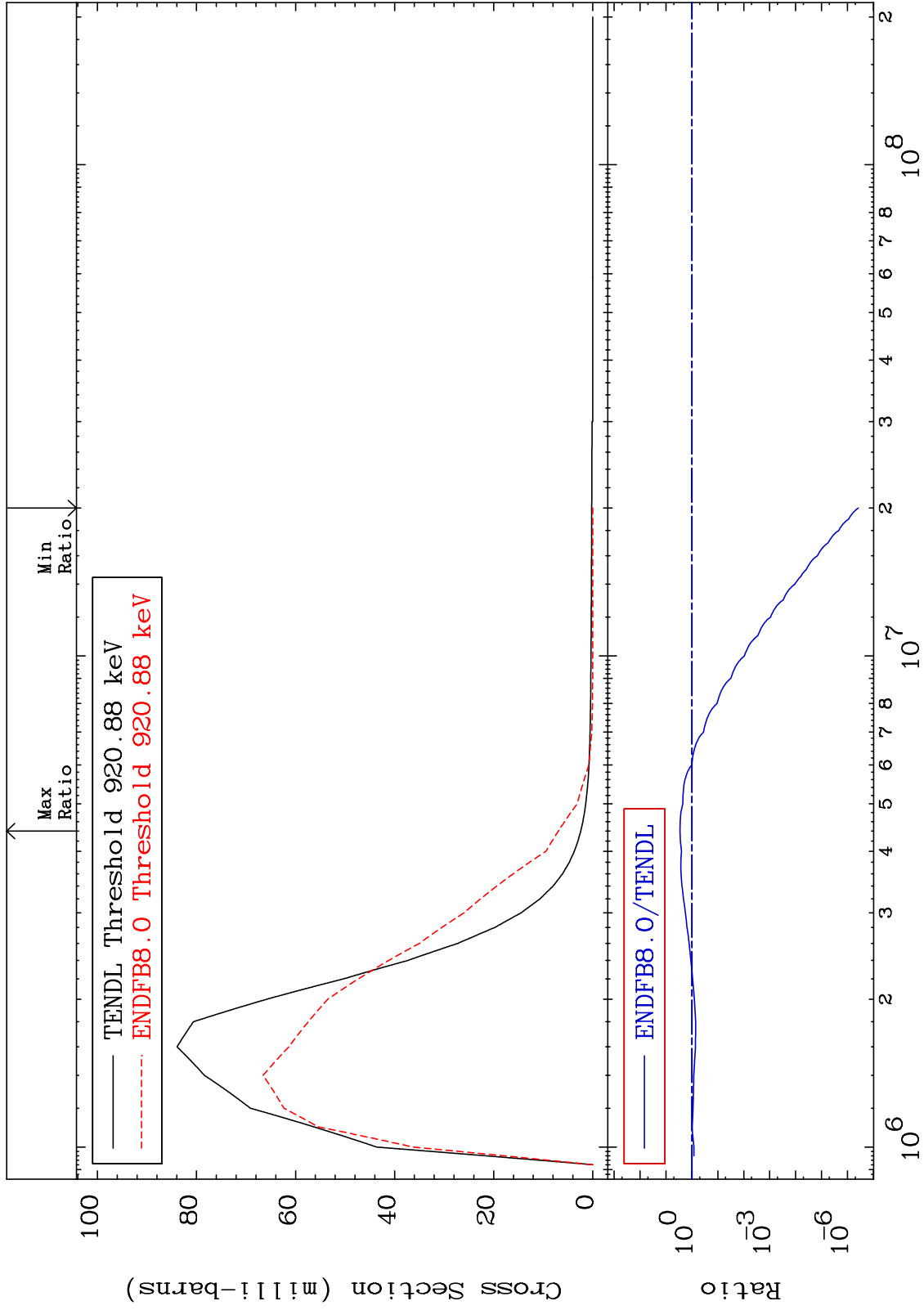
Incident Energy (eV)

54-Xe-131

MAT 5446

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

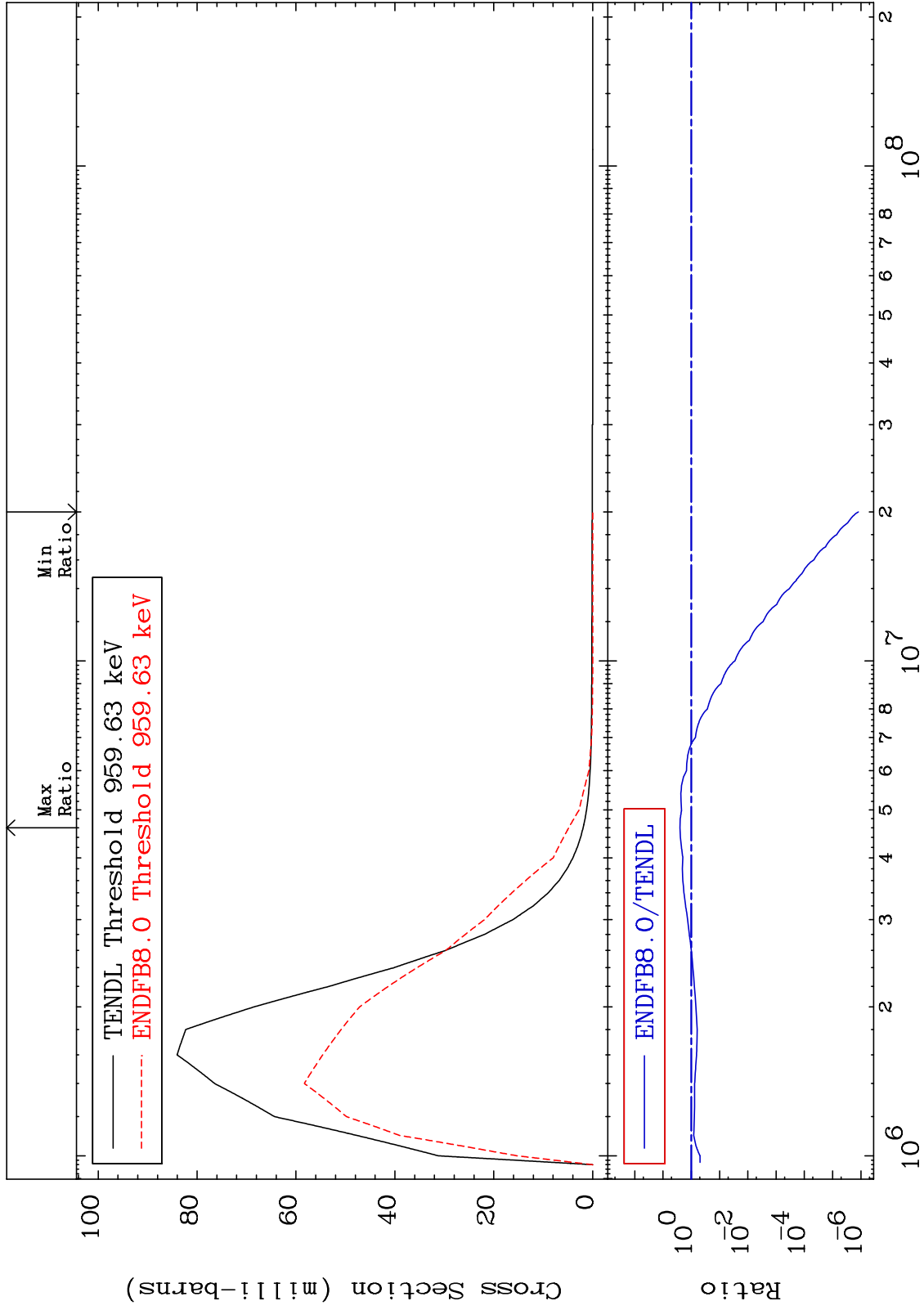
54-Xe-131  
-100.0 To 187.9 %



MAT 5446

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

54-Xe-131  
-100.0 To 150.4 %



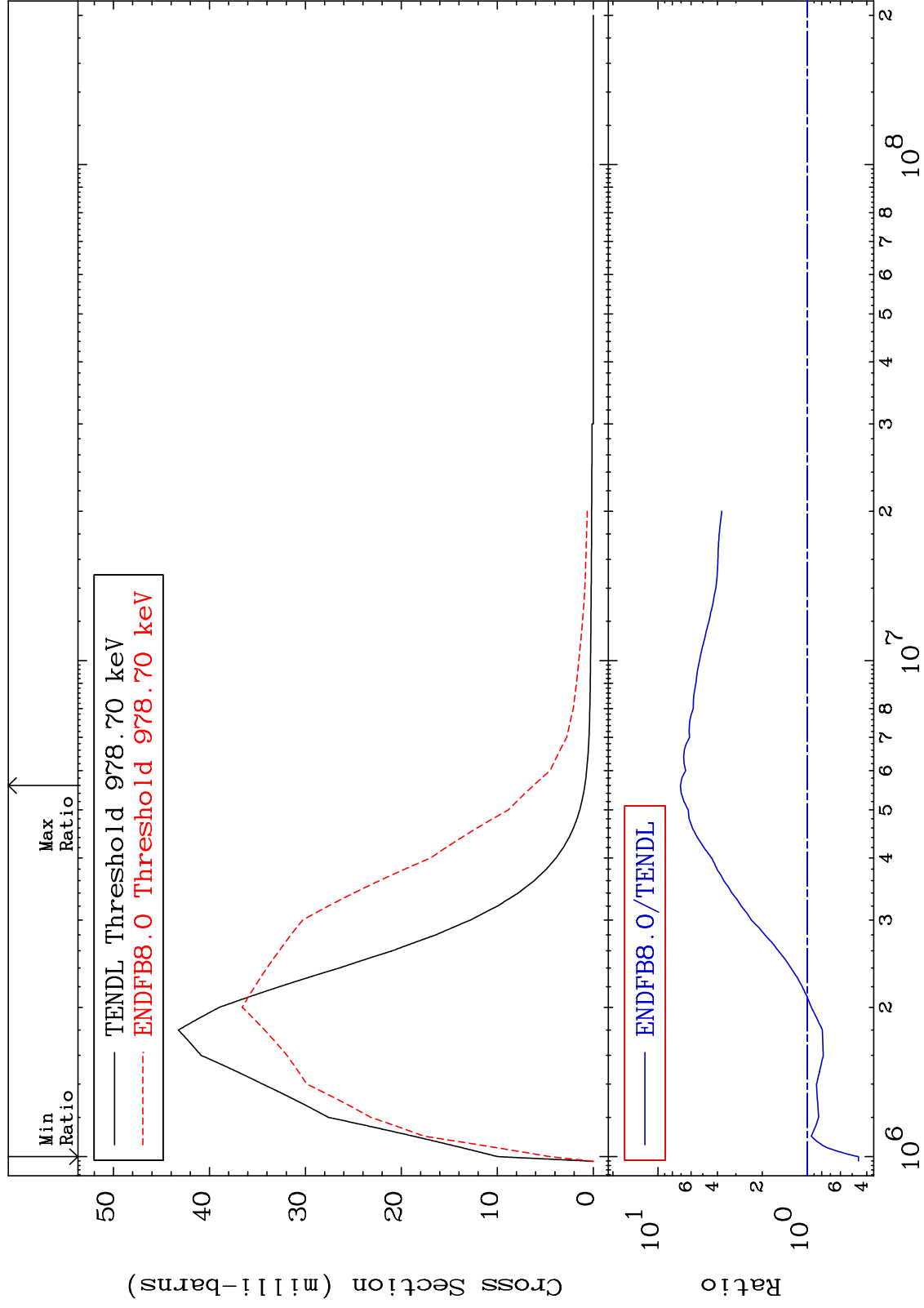
22

54-Xe-131

MAT 5446

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

54-Xe-131  
-54.65 To 606.4 %



23

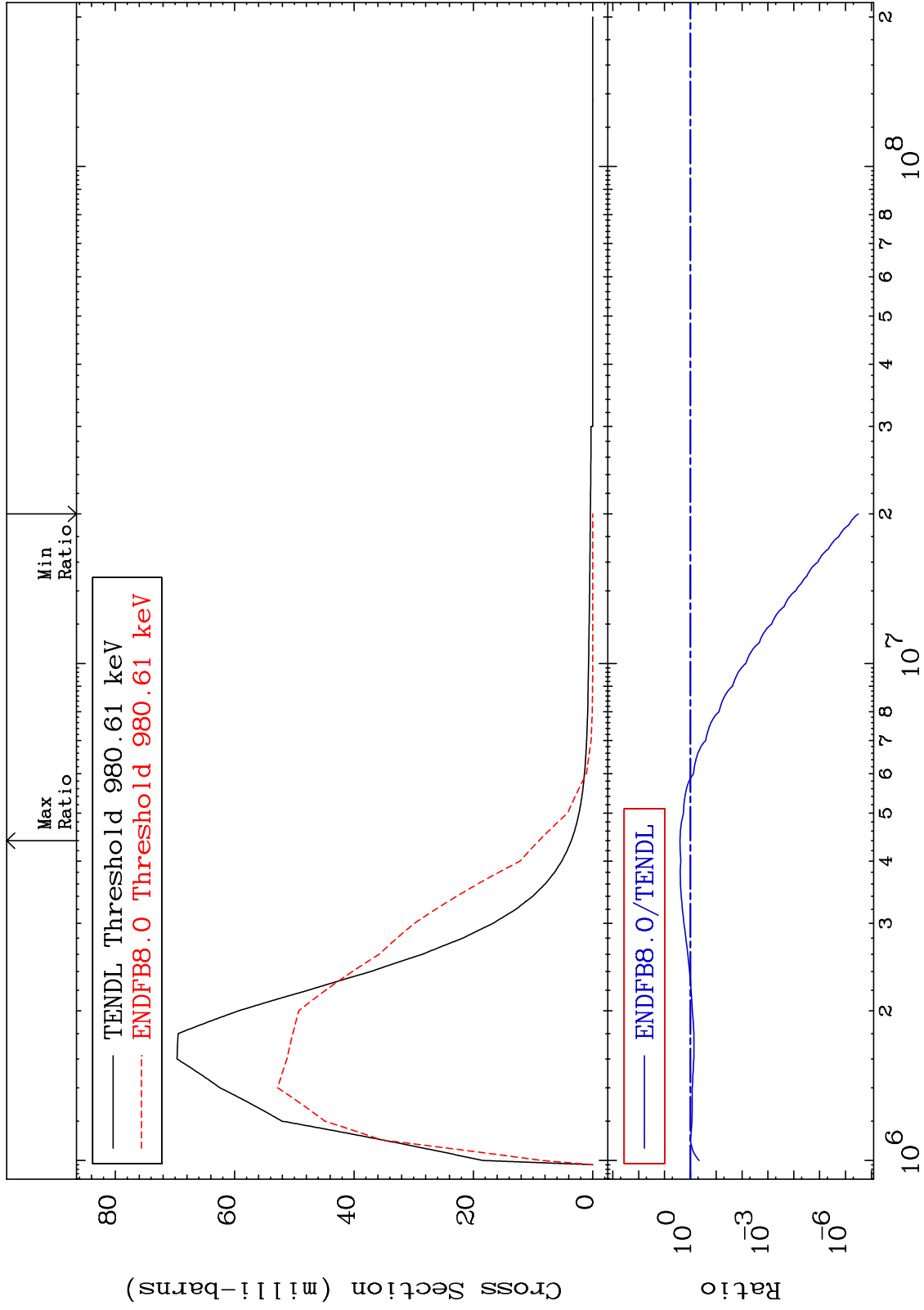
54-Xe-131



MAT 5446

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

54-Xe-131  
-100.0 To 151.1 %



24

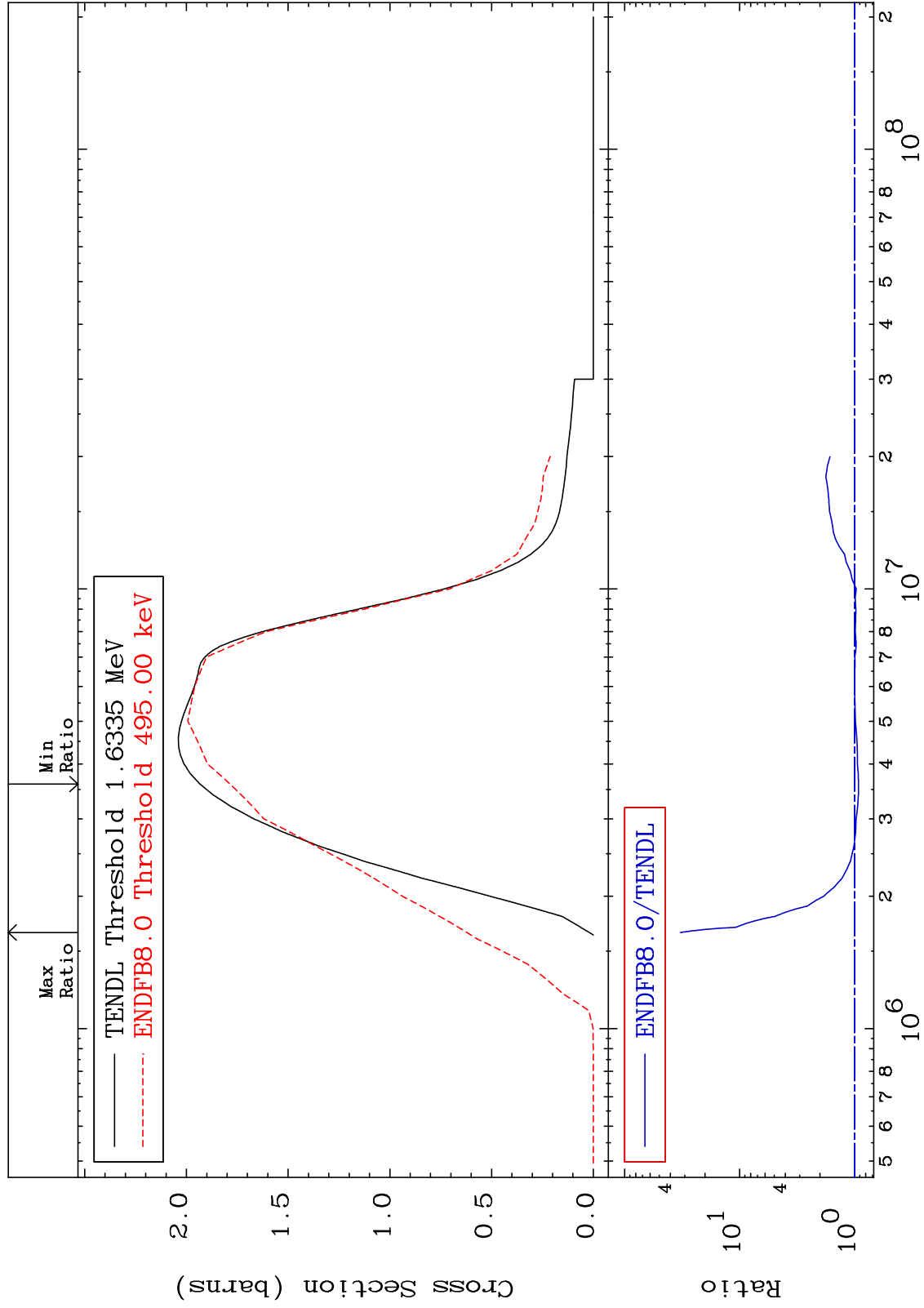
Incident Energy (eV)

54-Xe-131

MAT 5446

(n, n') Continuum  
Cross Section

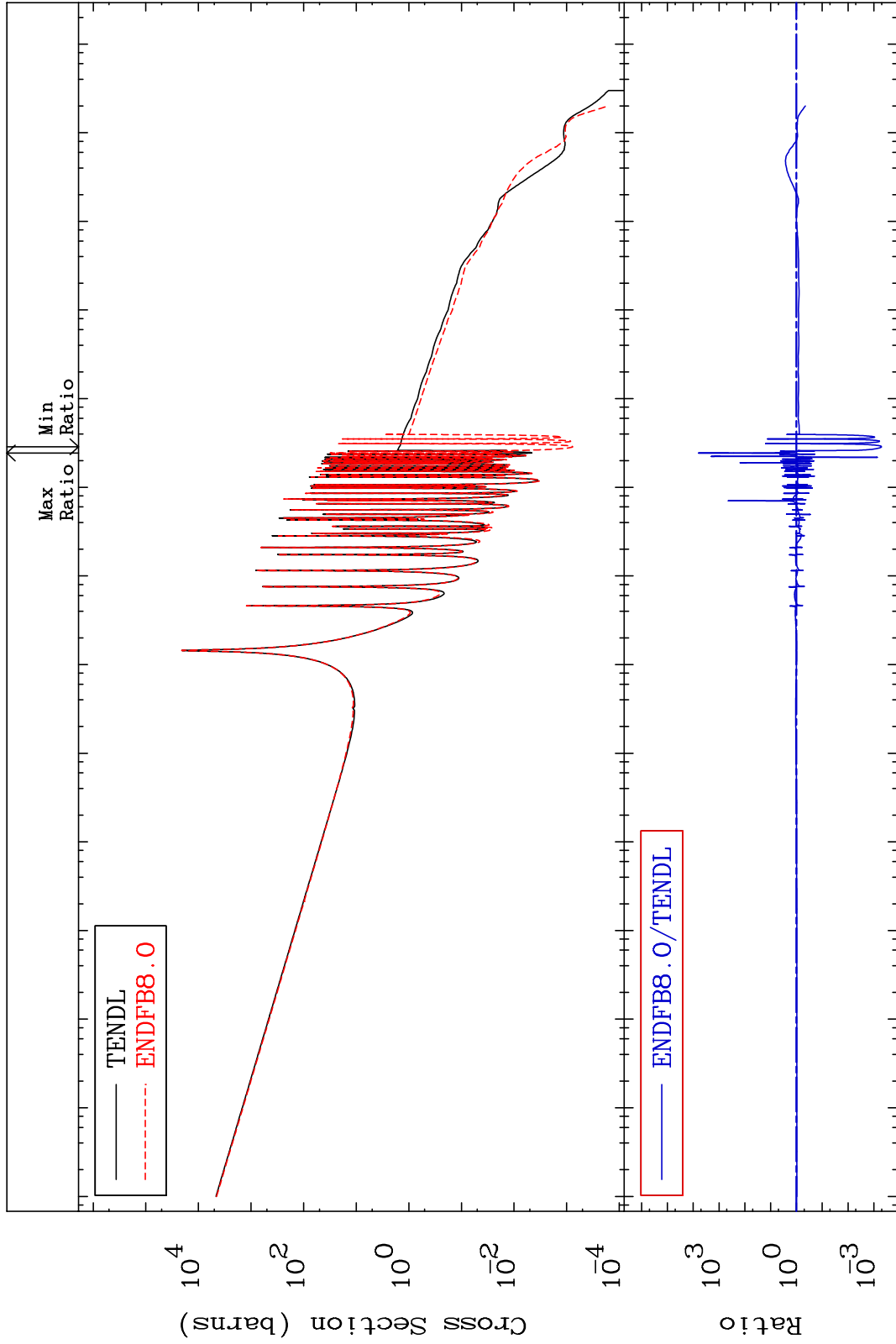
54-Xe-131  
-7.663 To 3169. %



MAT 5446

54-Xe-131

(n,  $\gamma$ )  
Cross Section  
-99.95 To 9999. %



54-Xe-131

Incident Energy (eV)

26

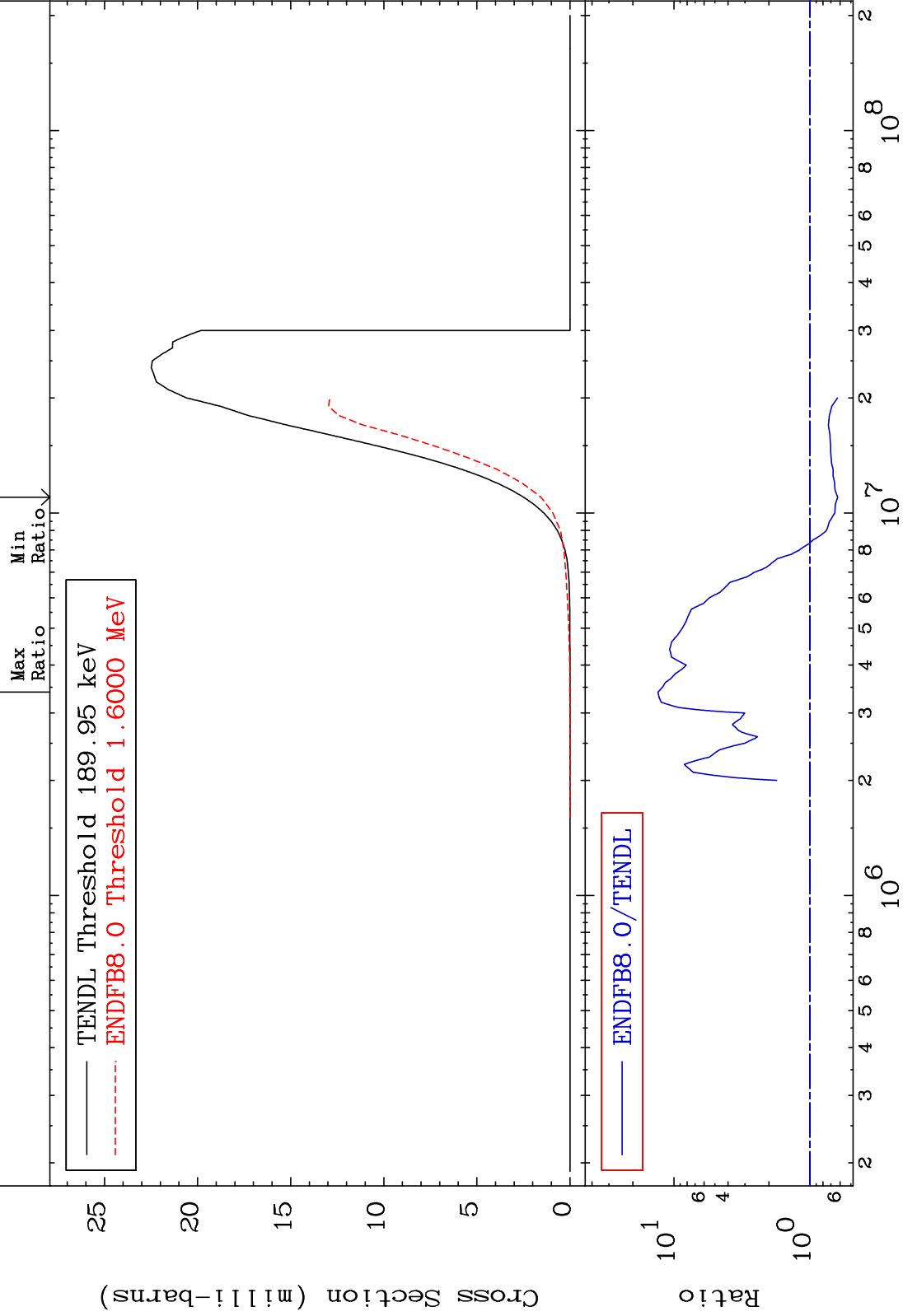
MAT 5446

(n, p)

54-Xe-131

-37.60 To 1209. %

Cross Section



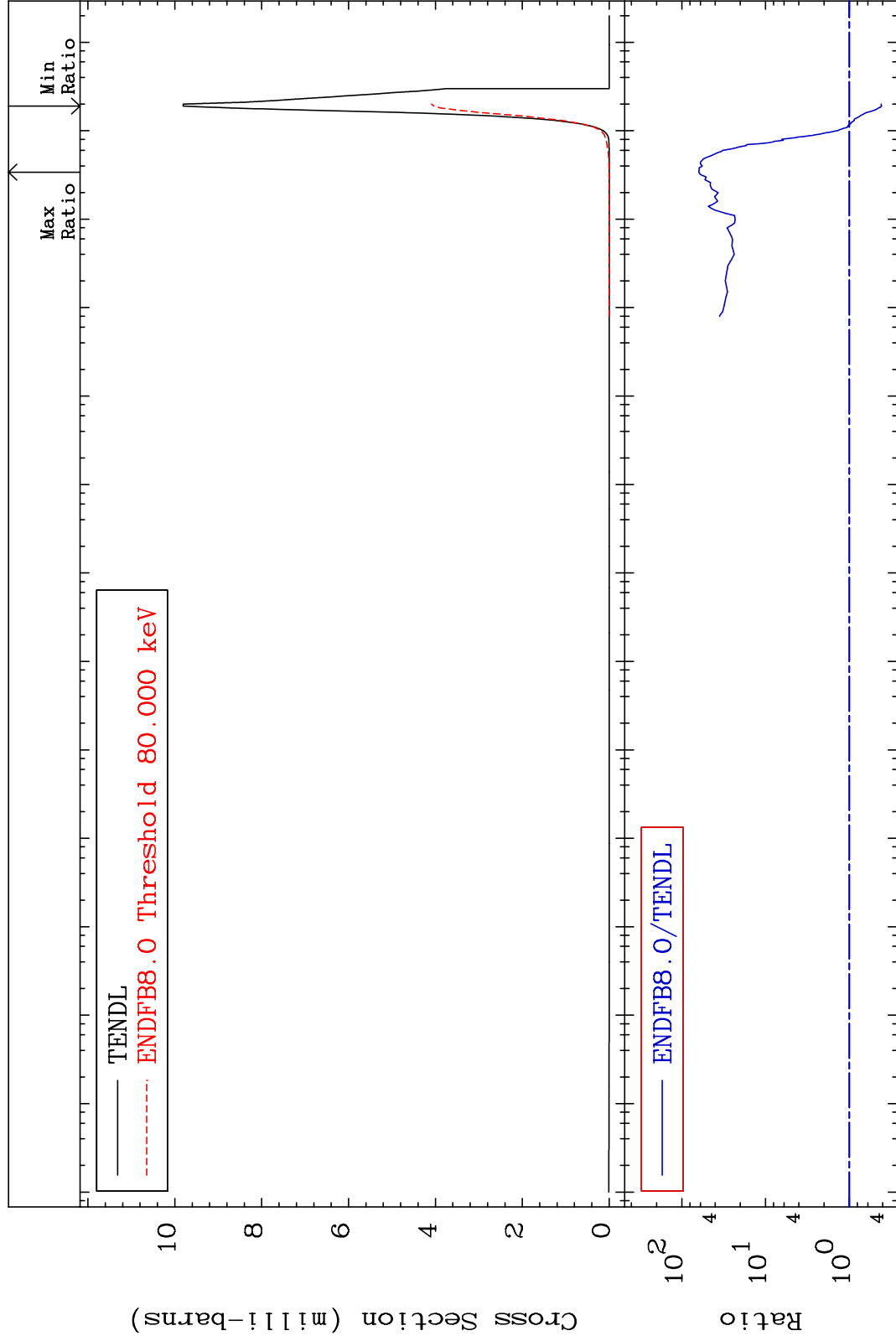
MAT 5446

(n,  $\alpha$ )

54-Xe-131

Cross Section

-58.86 To 6177. %



28

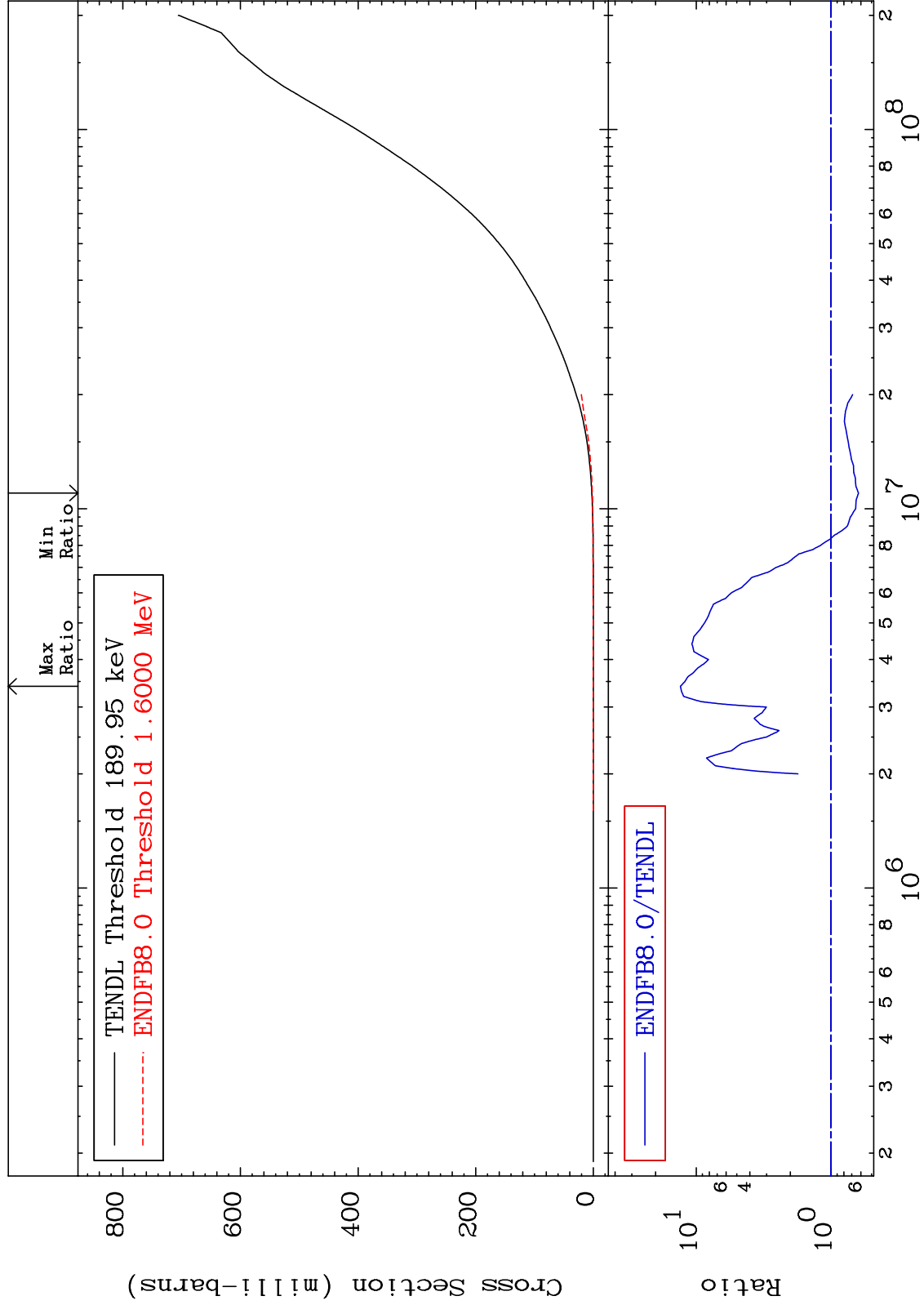
Incident Energy (eV)

54-Xe-131

MAT 5446

Hydrogen Production  
Cross Section

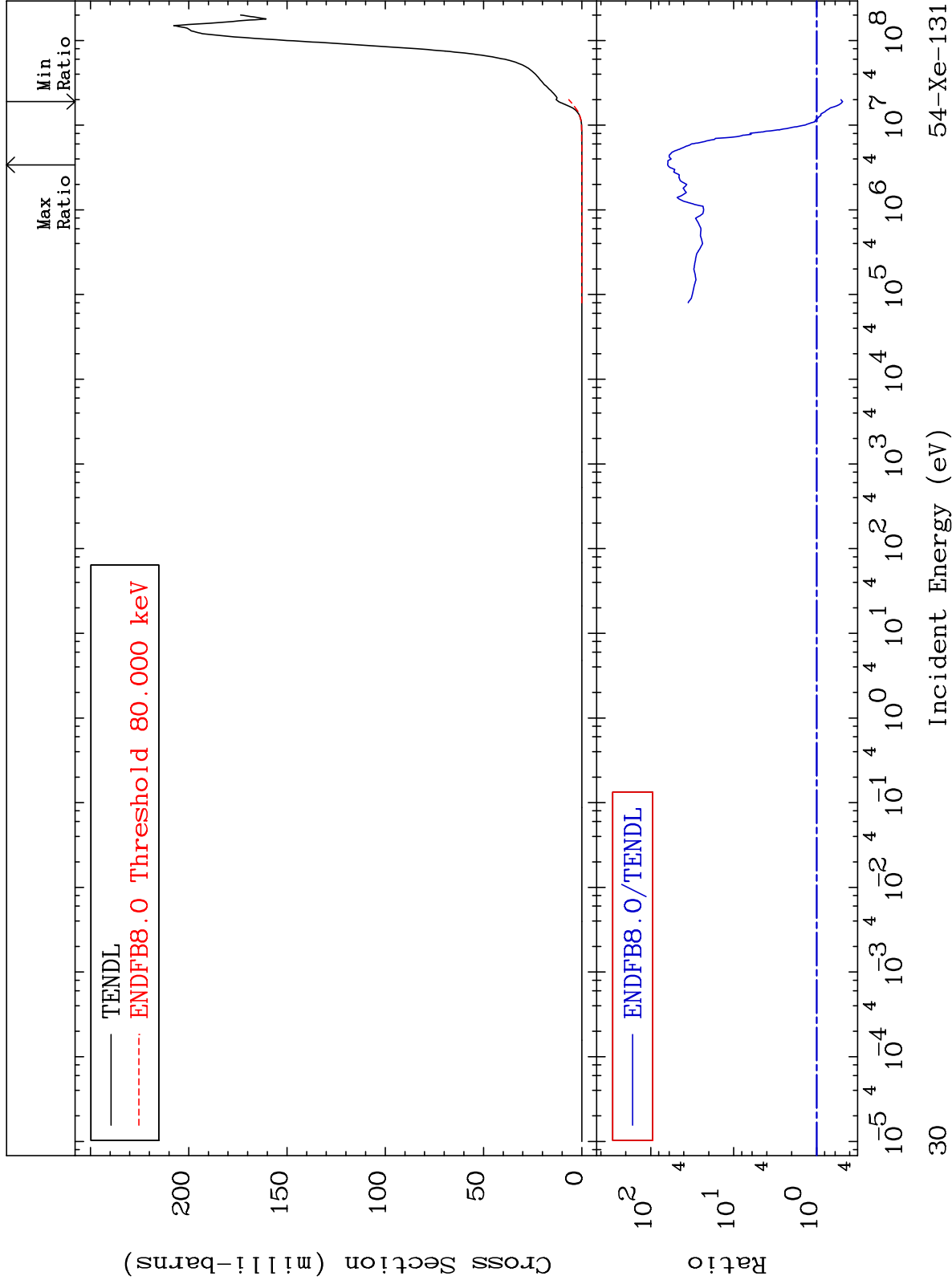
54-Xe-131  
-37.60 To 1209. %



MAT 5446

He-4 Production  
Cross Section

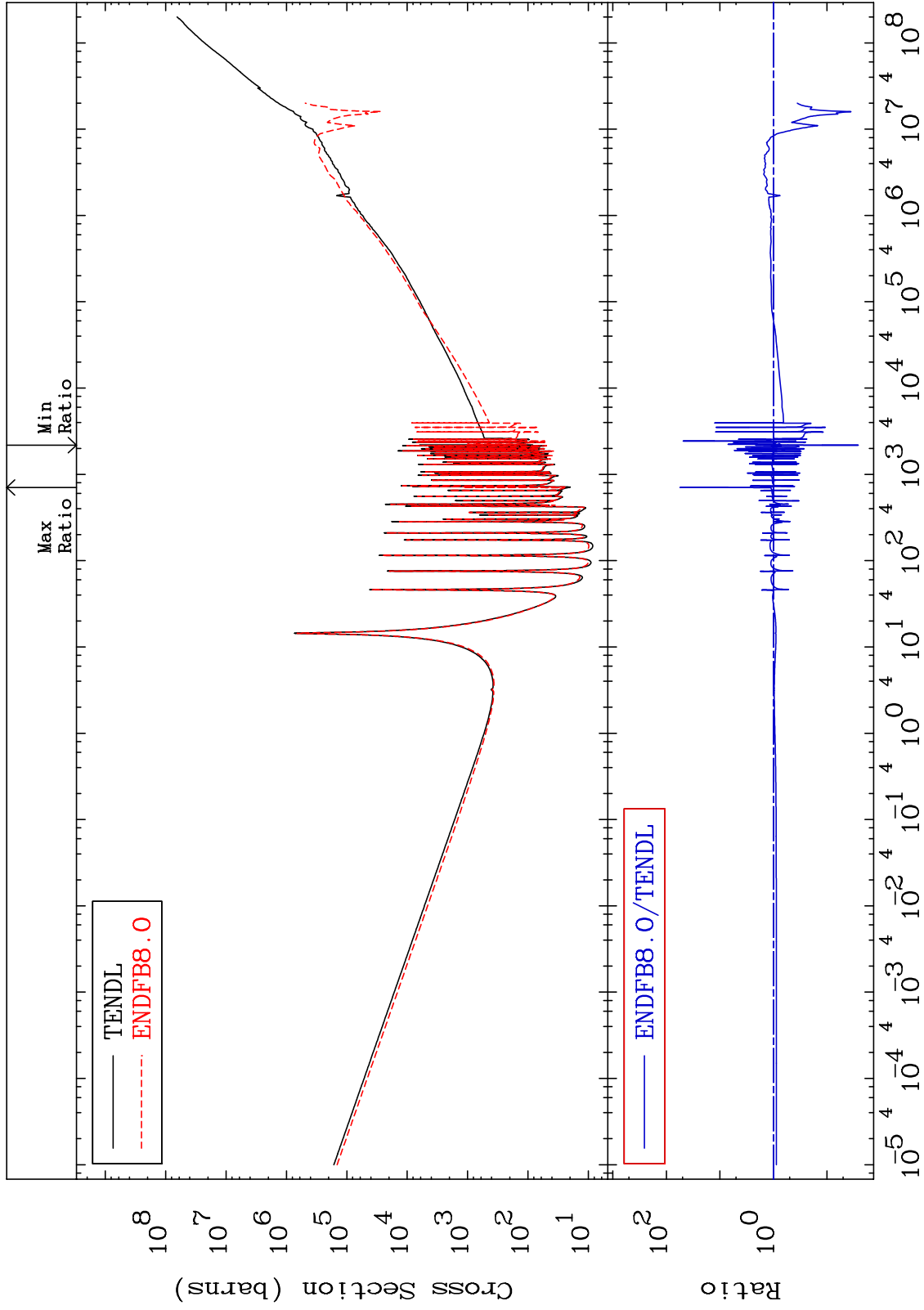
54-Xe-131  
-51.42 To 6177. %



MAT 5446

Kerma total (eV-barns)  
Cross Section

54-Xe-131  
-97.41 To 5462. %

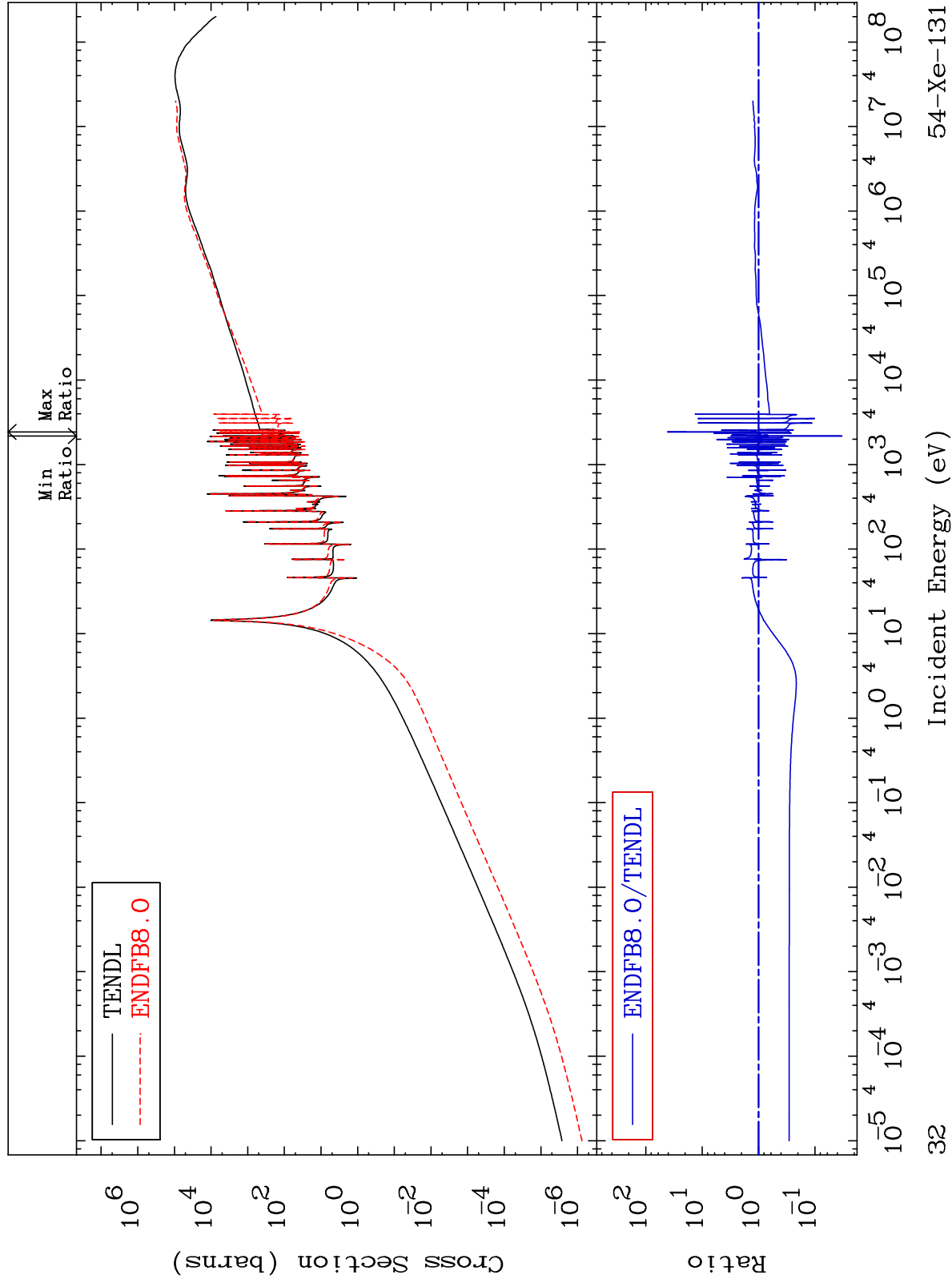




MAT 5446

Kerma elastic  
Cross Section

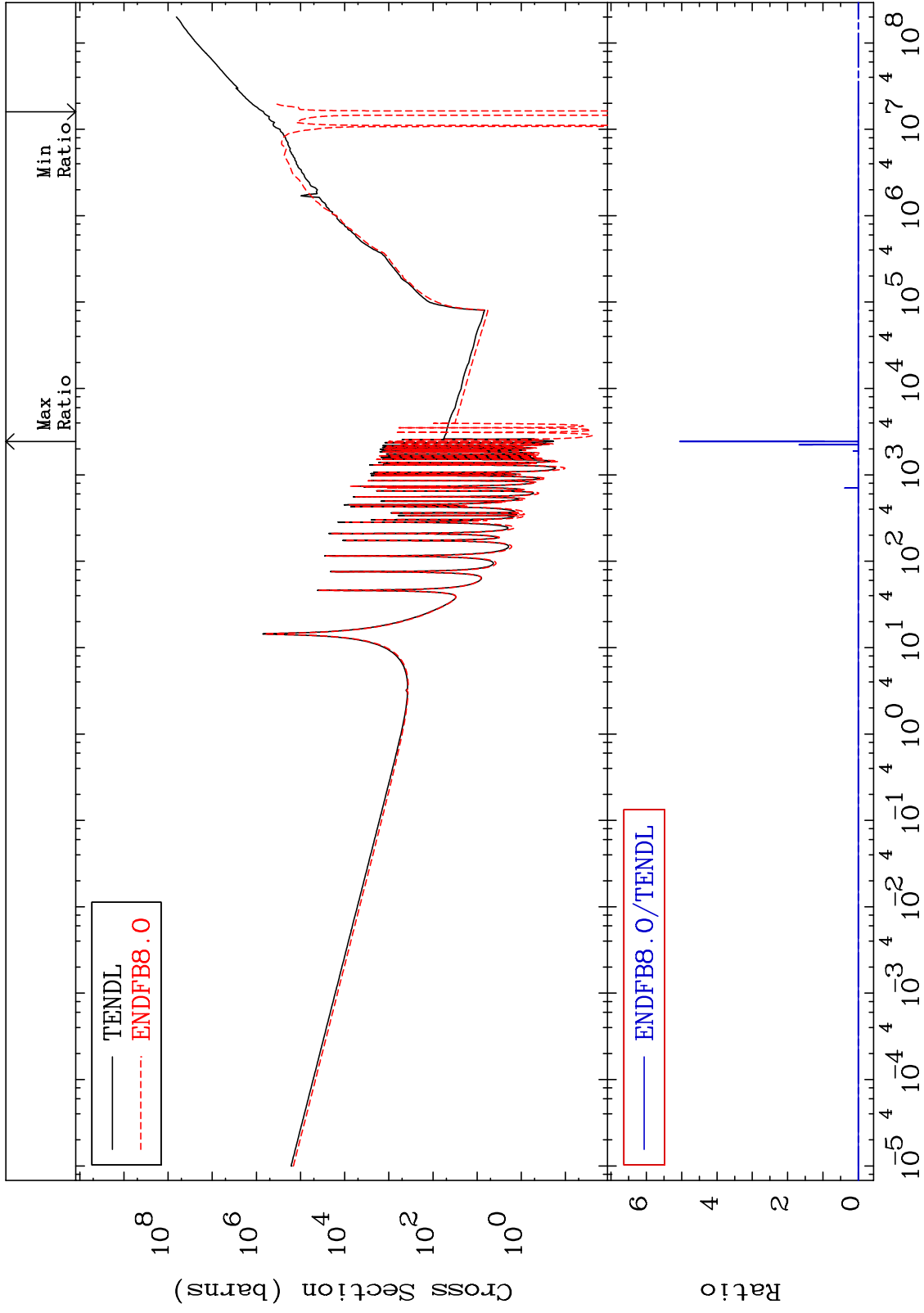
54-Xe-131  
-96.71 To 4019. %



MAT 5446

Kerma non-elastic (all but mt2)  
Cross Section

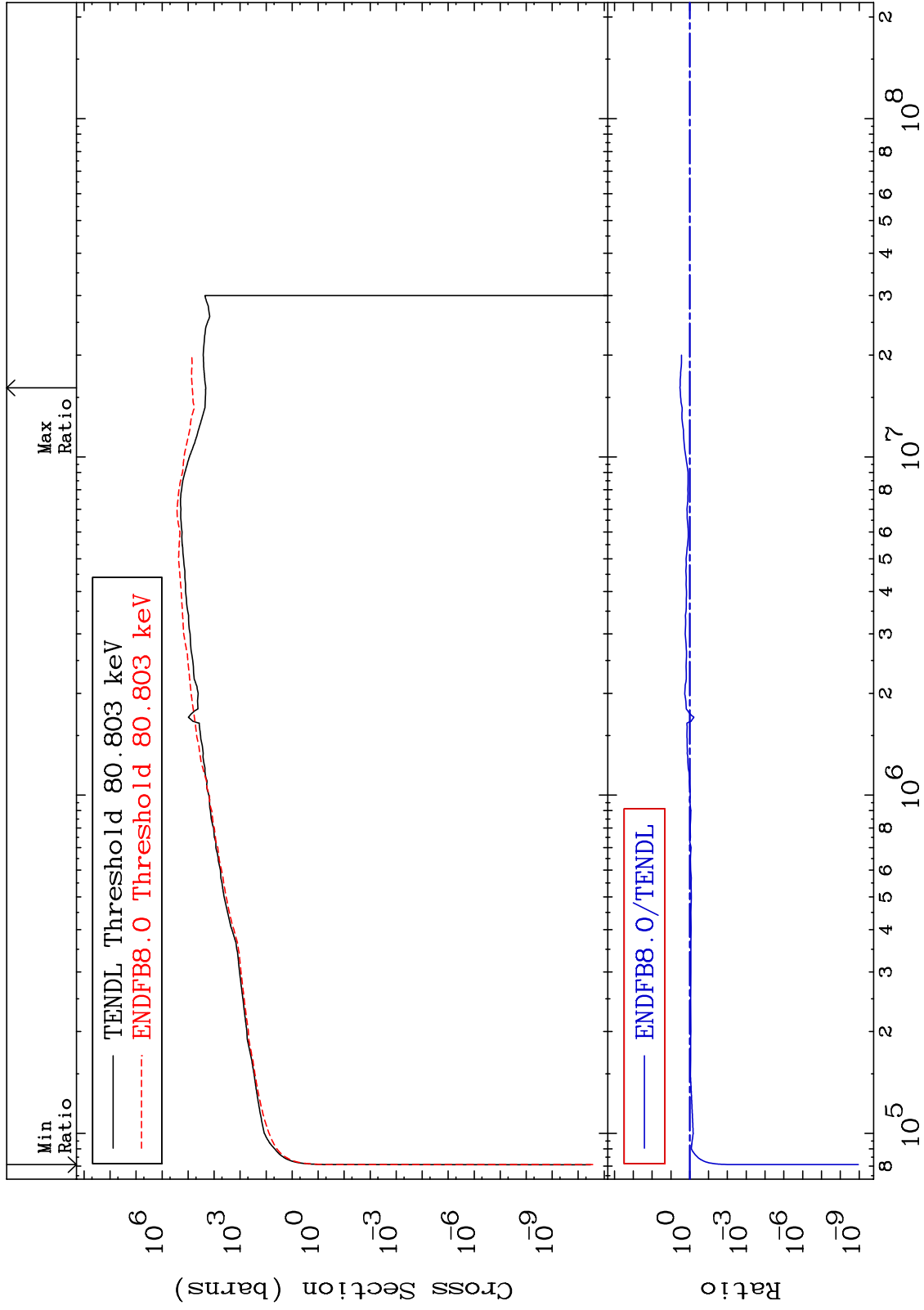
54-Xe-131  
-108.3 To 9999. %



MAT 5446

Kerma inelastic (mt51-91)  
Cross Section

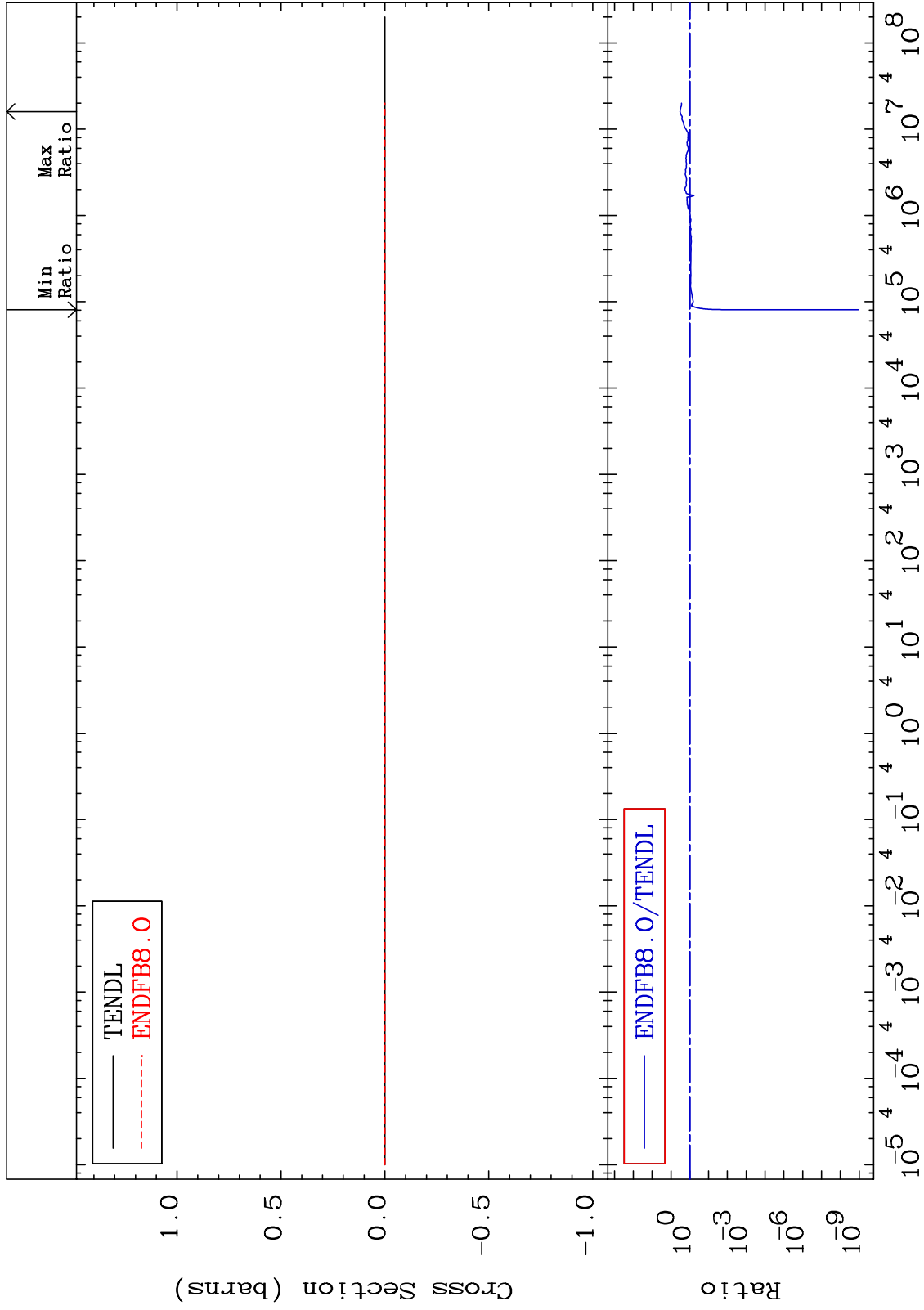
54-Xe-131  
-100.0 To 228.3 %



MAT 5446

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

54-Xe-131  
-100.0 To 228.3 %



35

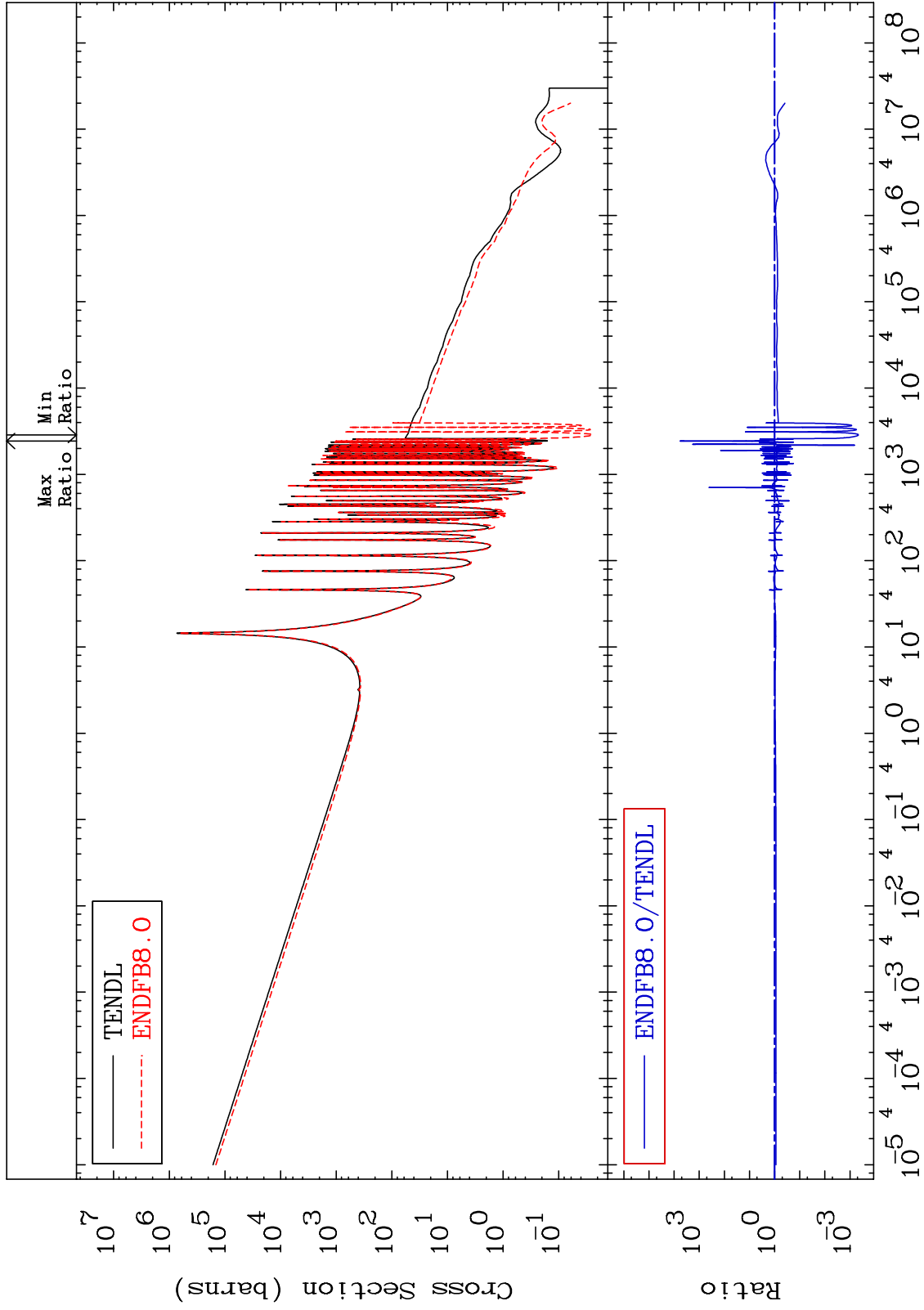
Incident Energy (eV)

54-Xe-131

MAT 5446

Kerma capture (mt102)  
Cross Section

54-Xe-131  
-99.95 To 9999. %



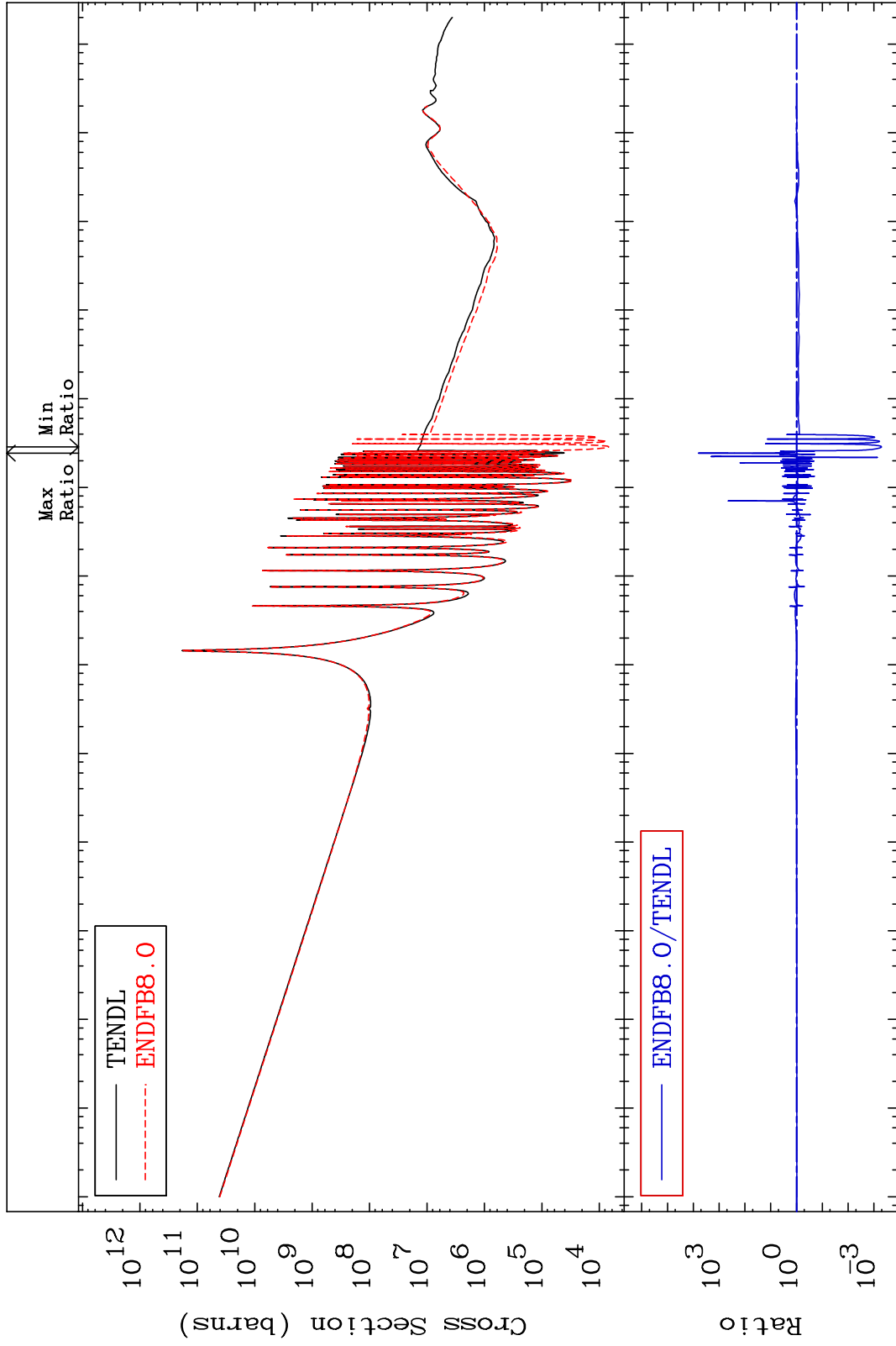
36

54-Xe-131

MAT 5446

Total photon (eV-barns)  
Cross Section

54-Xe-131  
-99.95 To 9999. %



37

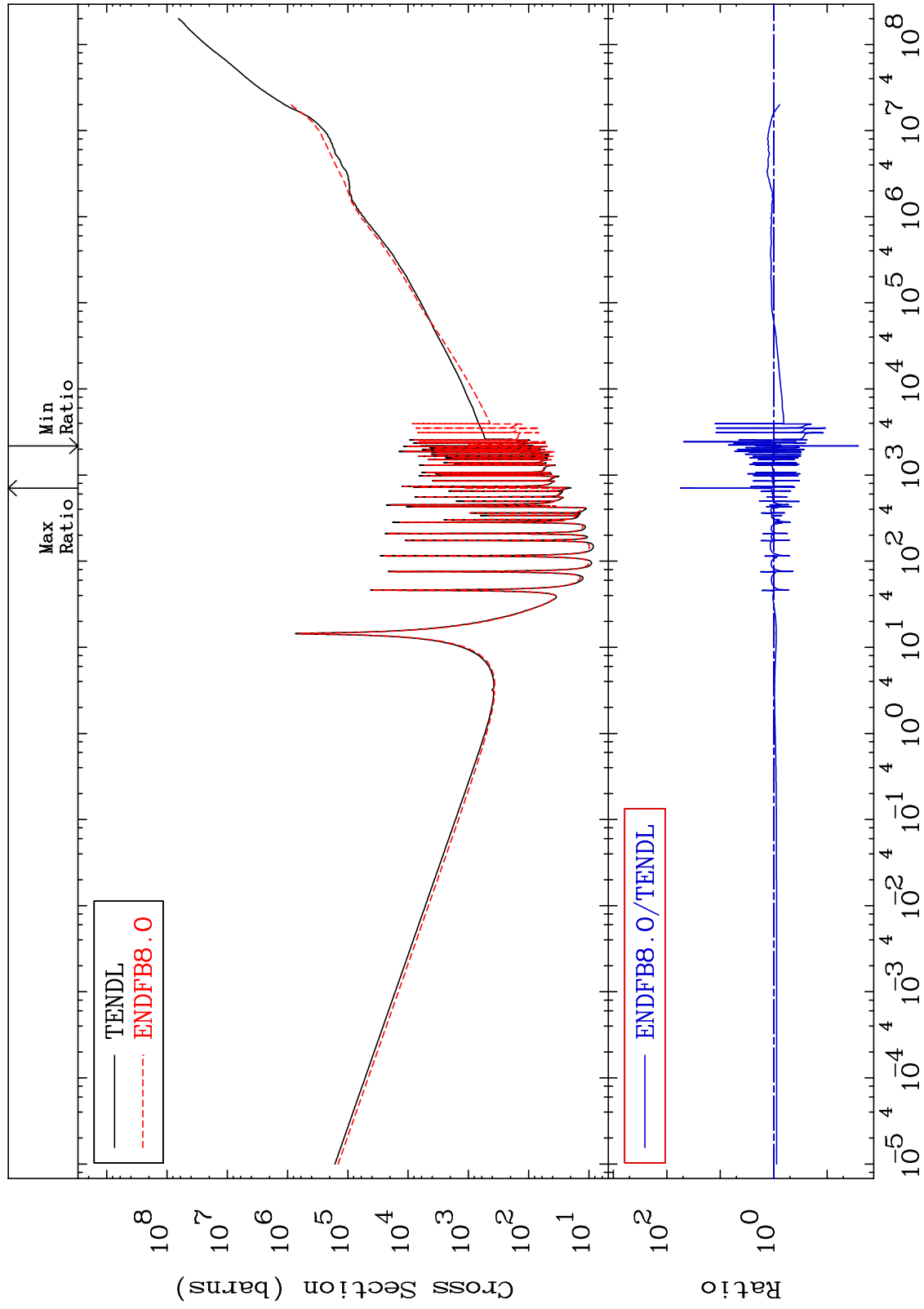
Incident Energy (eV)

54-Xe-131

MAT 5446

Total kinematic kerma (high limit)  
Cross Section

54-Xe-131  
-97.41 To 5462. %



38

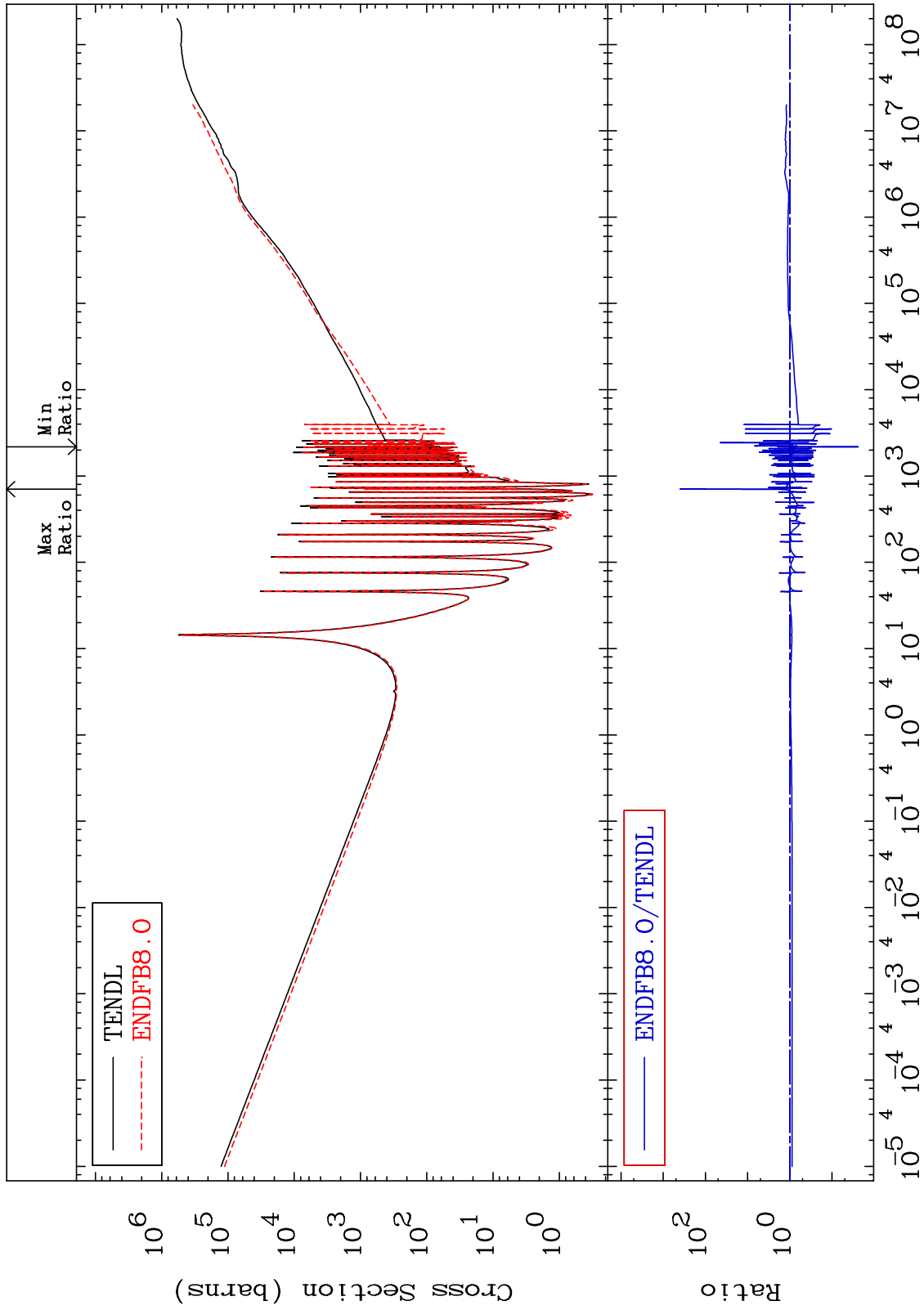
Incident Energy (eV)

54-Xe-131

MAT 5446

Dpa total (eV-barns)  
Cross Section

54-Xe-131  
-97.63 To 9999. %

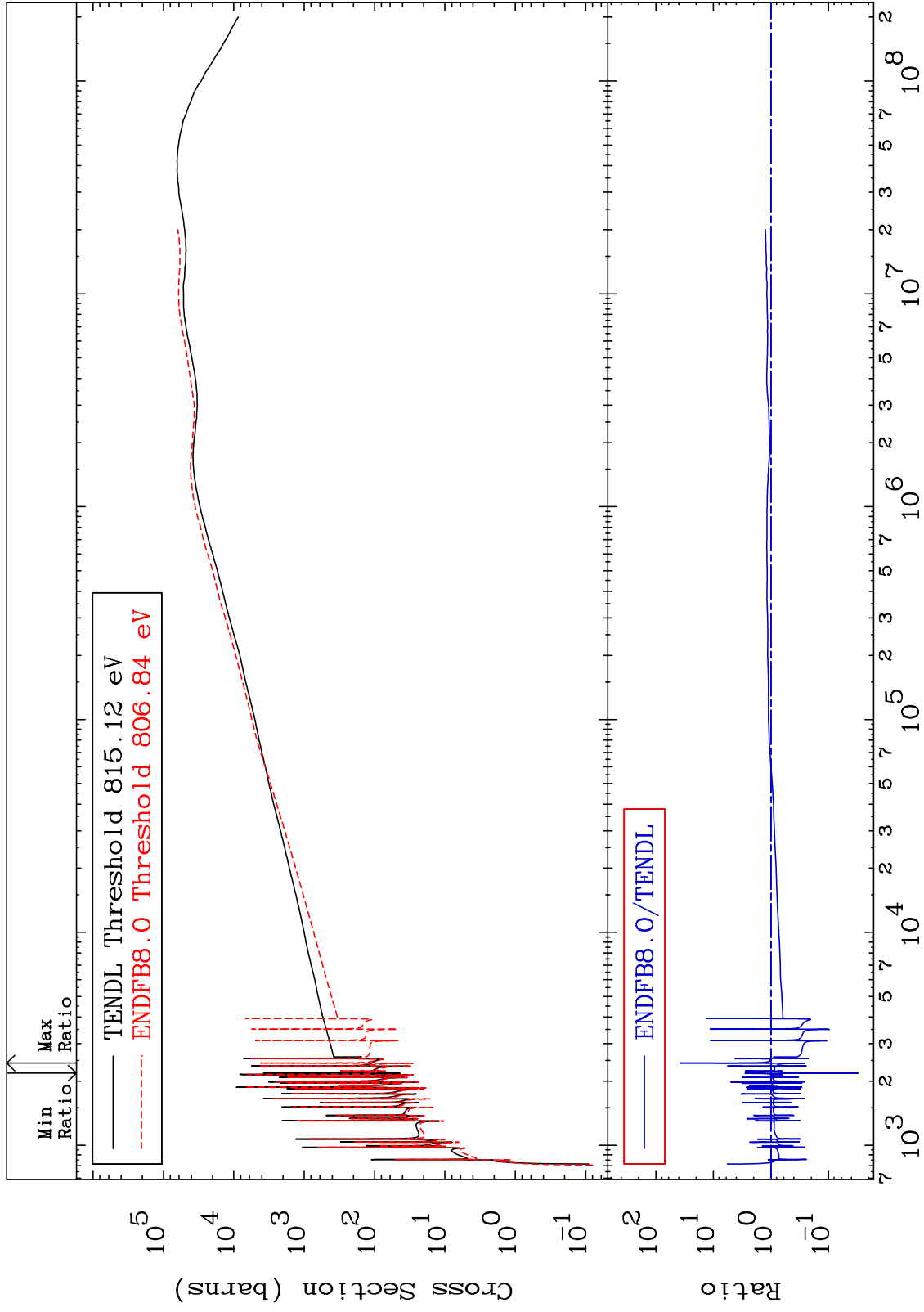




MAT 5446

Dpa elastic (mt2)  
Cross Section

54-Xe-131  
-96.98 To 3707. %



40

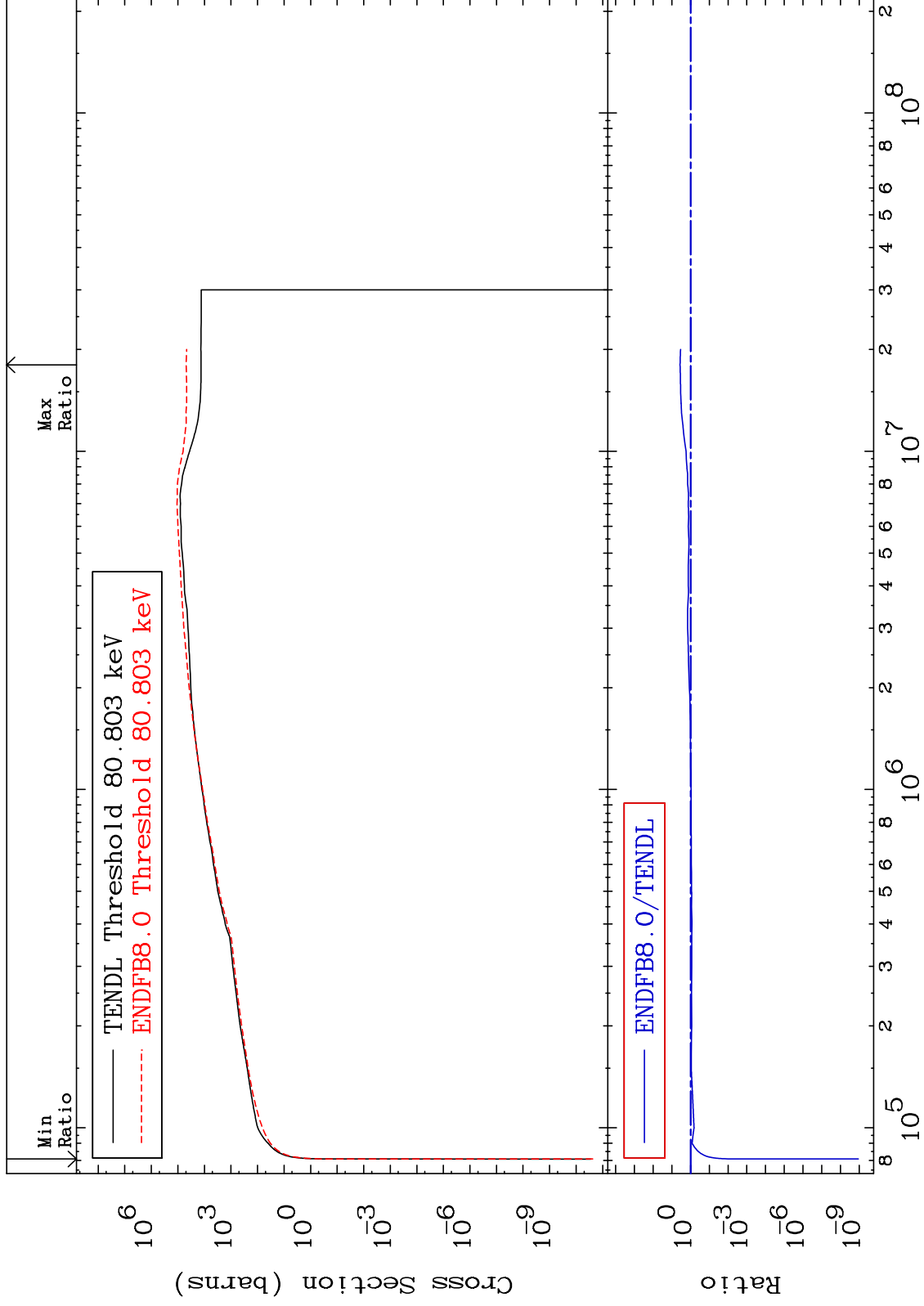
Incident Energy (eV)

54-Xe-131

MAT 5446

Dpa inelastic (mt51-91)  
Cross Section

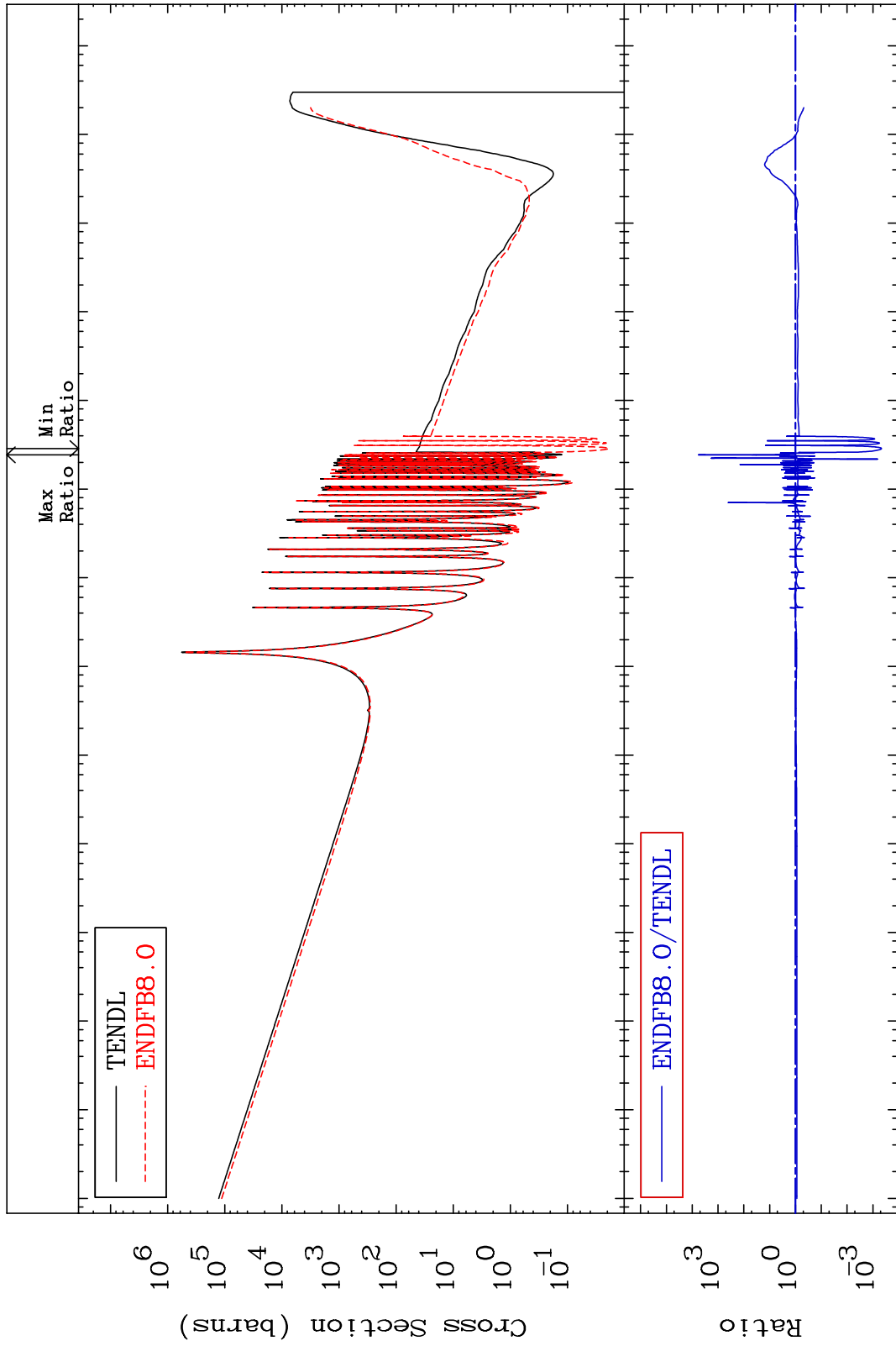
54-Xe-131  
-100.0 To 266.5 %



MAT 5446

Dpa disappearance (mt102 -120)  
Cross Section

54-Xe-131  
-99.95 To 9999. %



42

Incident Energy (eV)

54-Xe-131