

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

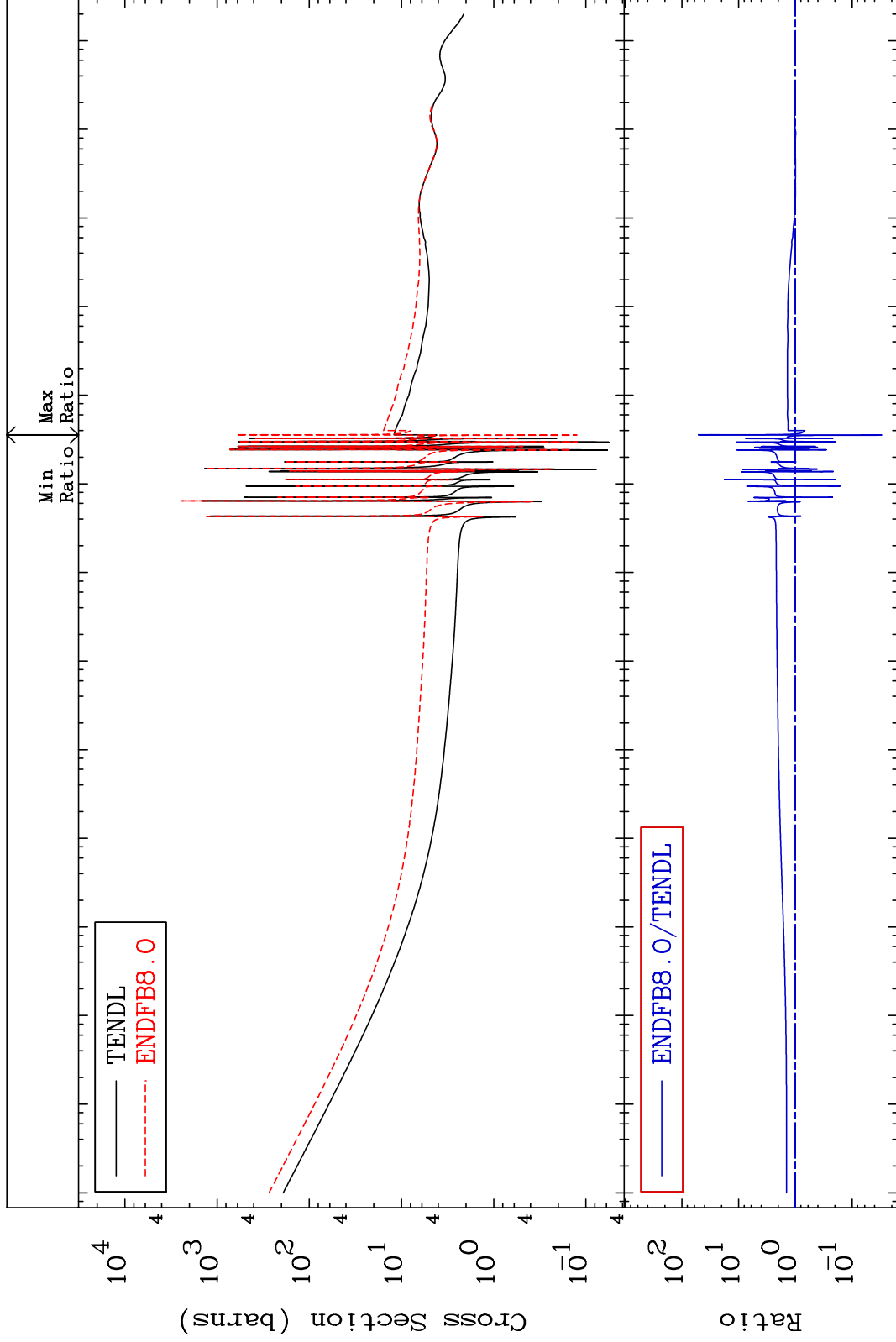
MAT 5443

Total

54-Xe-130

Cross Section

-96.98 To 5031. %



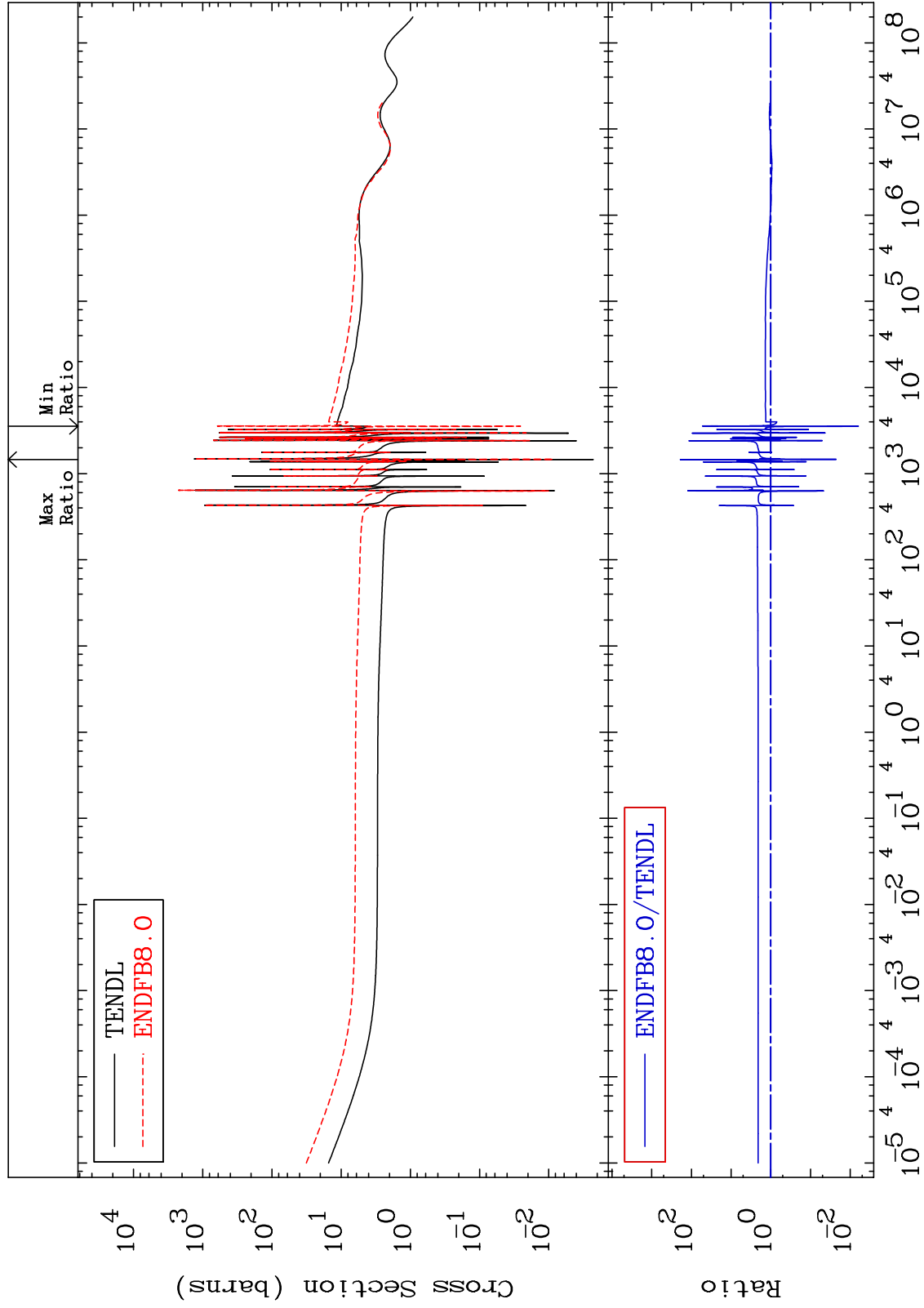
Incident Energy (eV)

54-Xe-130

MAT 5443

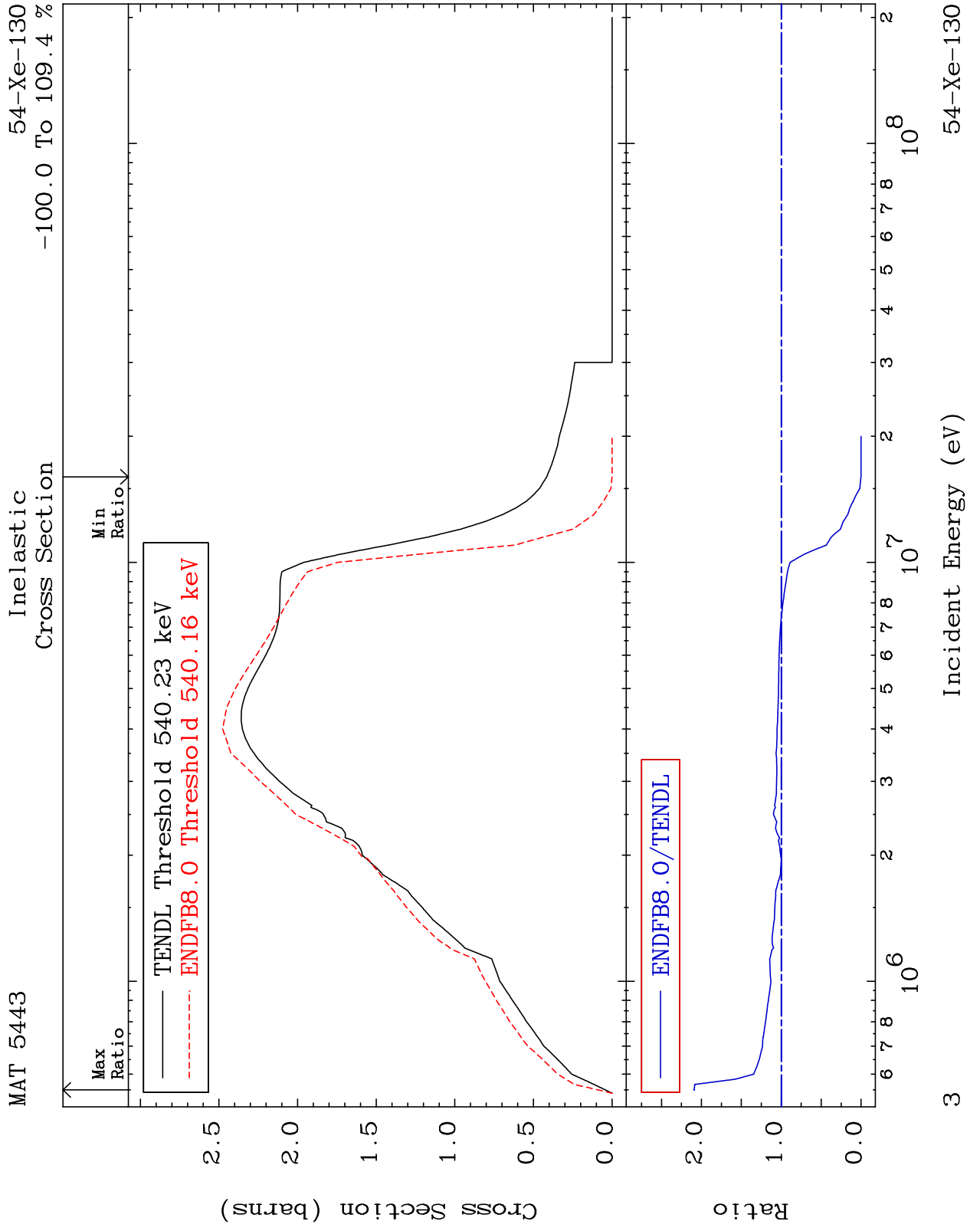
Elastic  
Cross Section

54-Xe-130  
-99.38 To 9999. %



Incident Energy (eV)

54-Xe-130



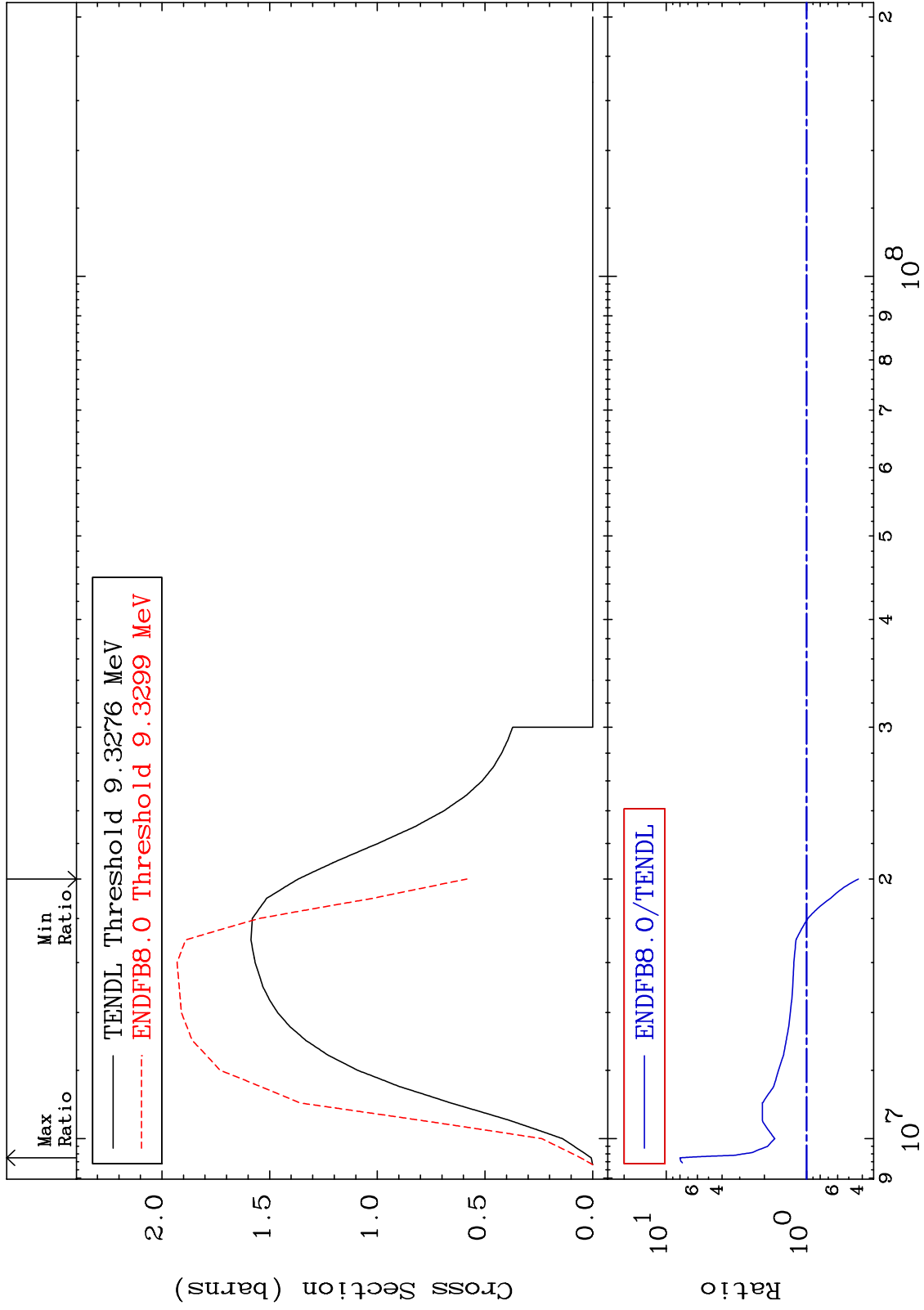
MAT 5443

(n,2n)

54-Xe-130

Cross Section

-57.30 To 698.2 %

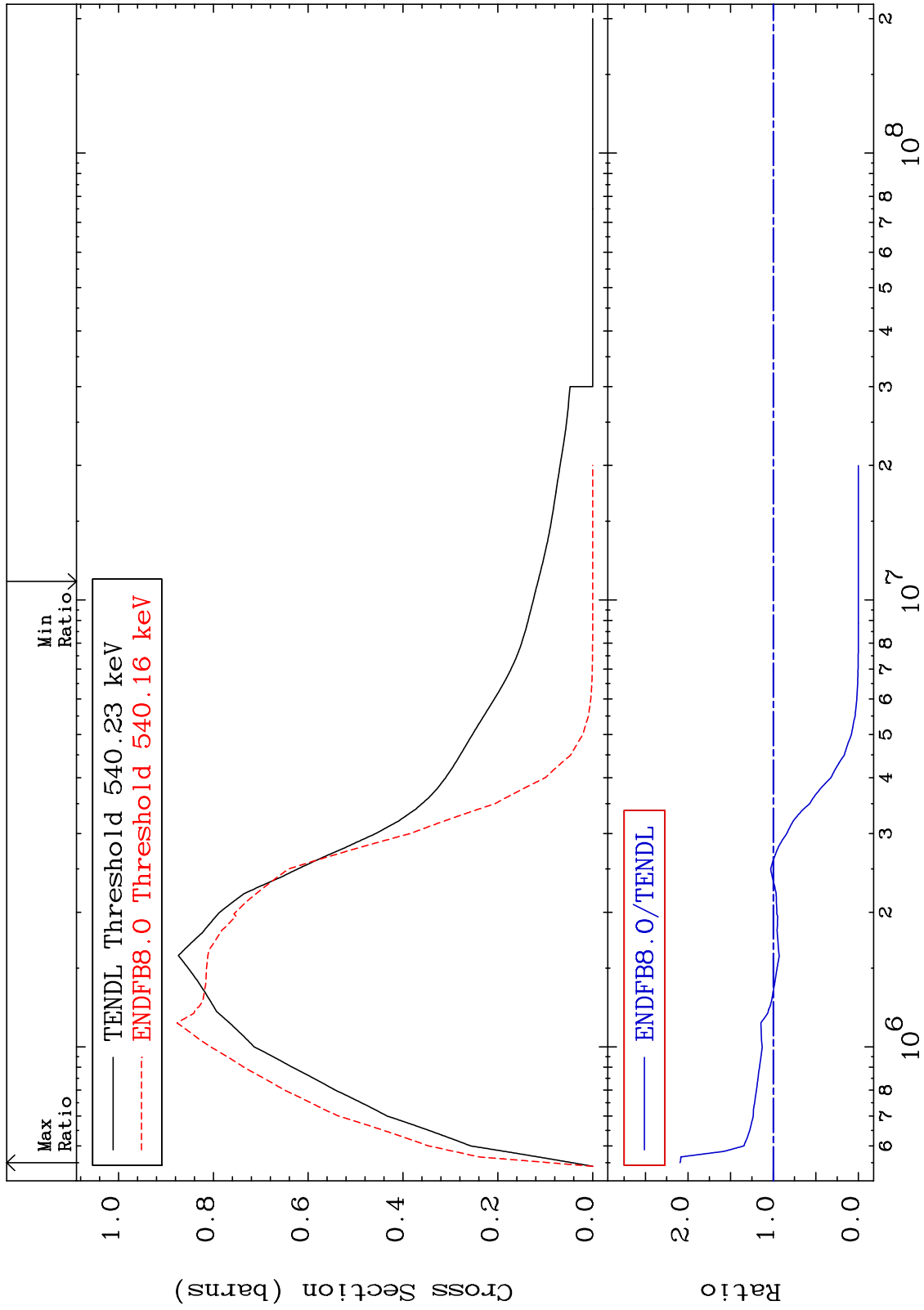


54-Xe-130

54-Xe-130

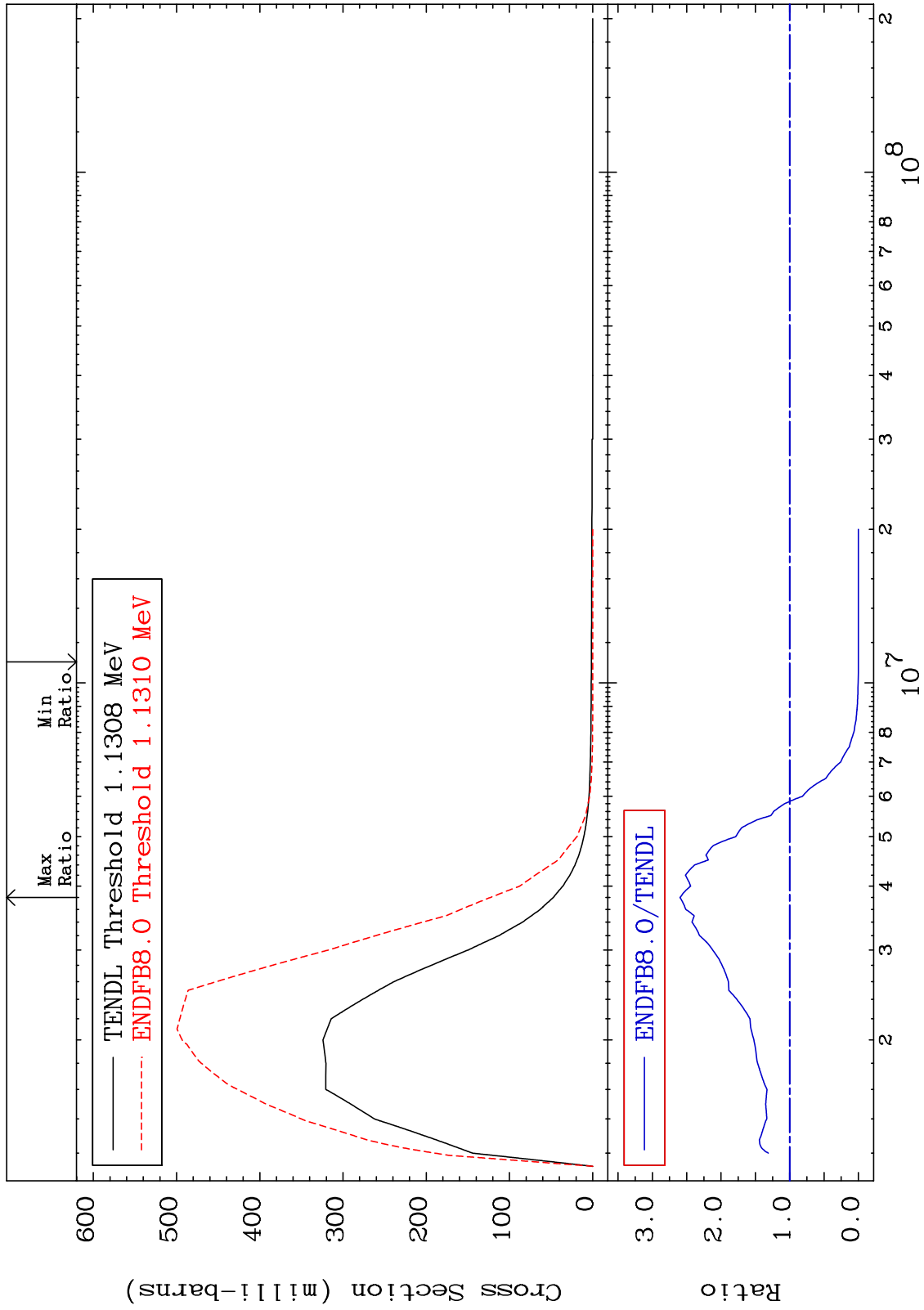


MAT 5443 MT= 51 (n,n') Level Cross Section 54-Xe-130 -100.0 To 109.4 %



6 Incident Energy (eV) 54-Xe-130

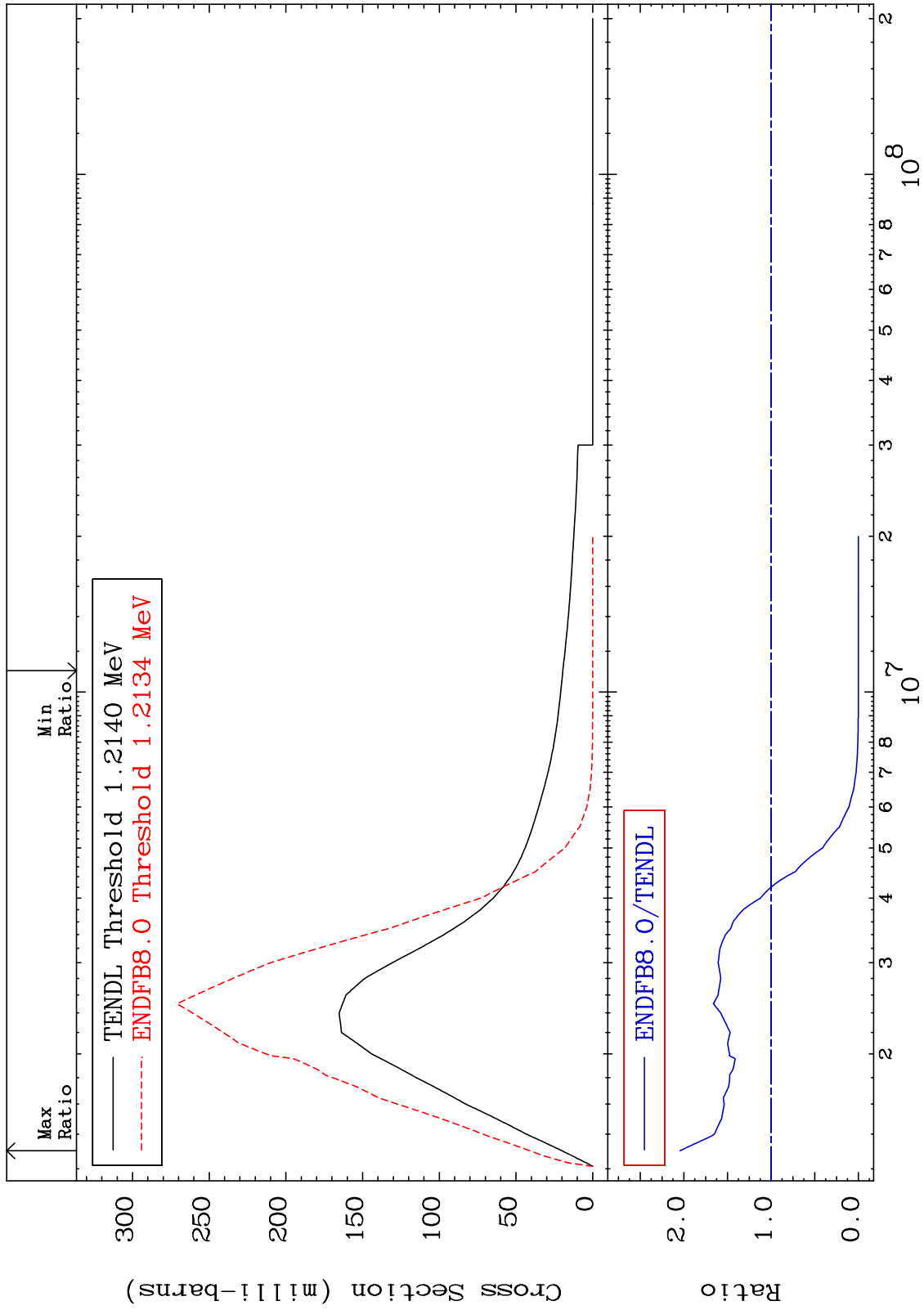
MAT 5443 MT= 52 (n,n') Level  
Cross Section 54-Xe-130  
-100.0 To 159.8 %



Incident Energy (eV) 54-Xe-130



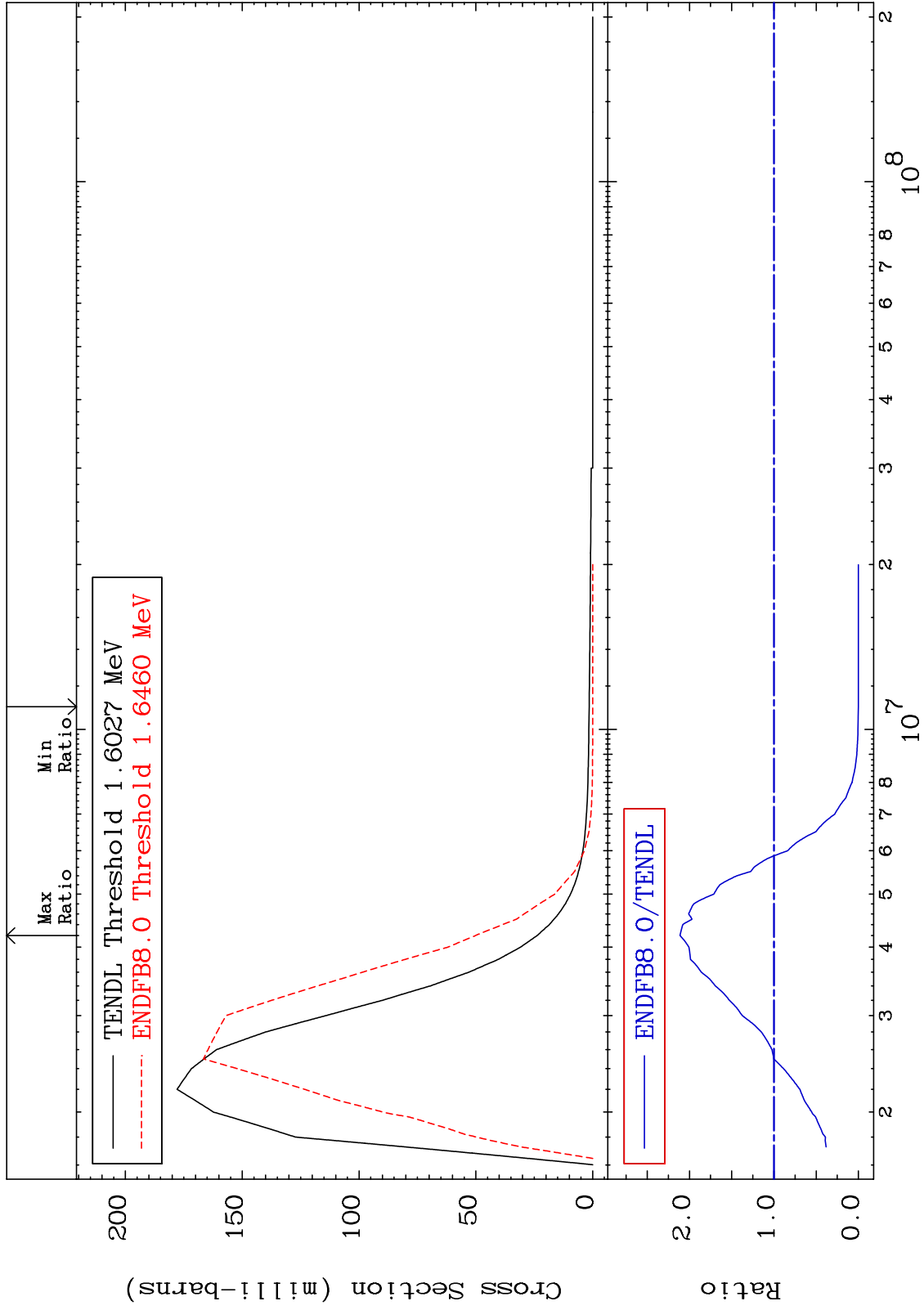
MAT 5443 MT= 53 (n,n') Level Cross Section 54-Xe-130  
 -100.0 To 104.5 %



MAT 5443

MT= 54 (n,n') Level  
Cross Section

54-Xe-130  
-100.0 To 111.2 %



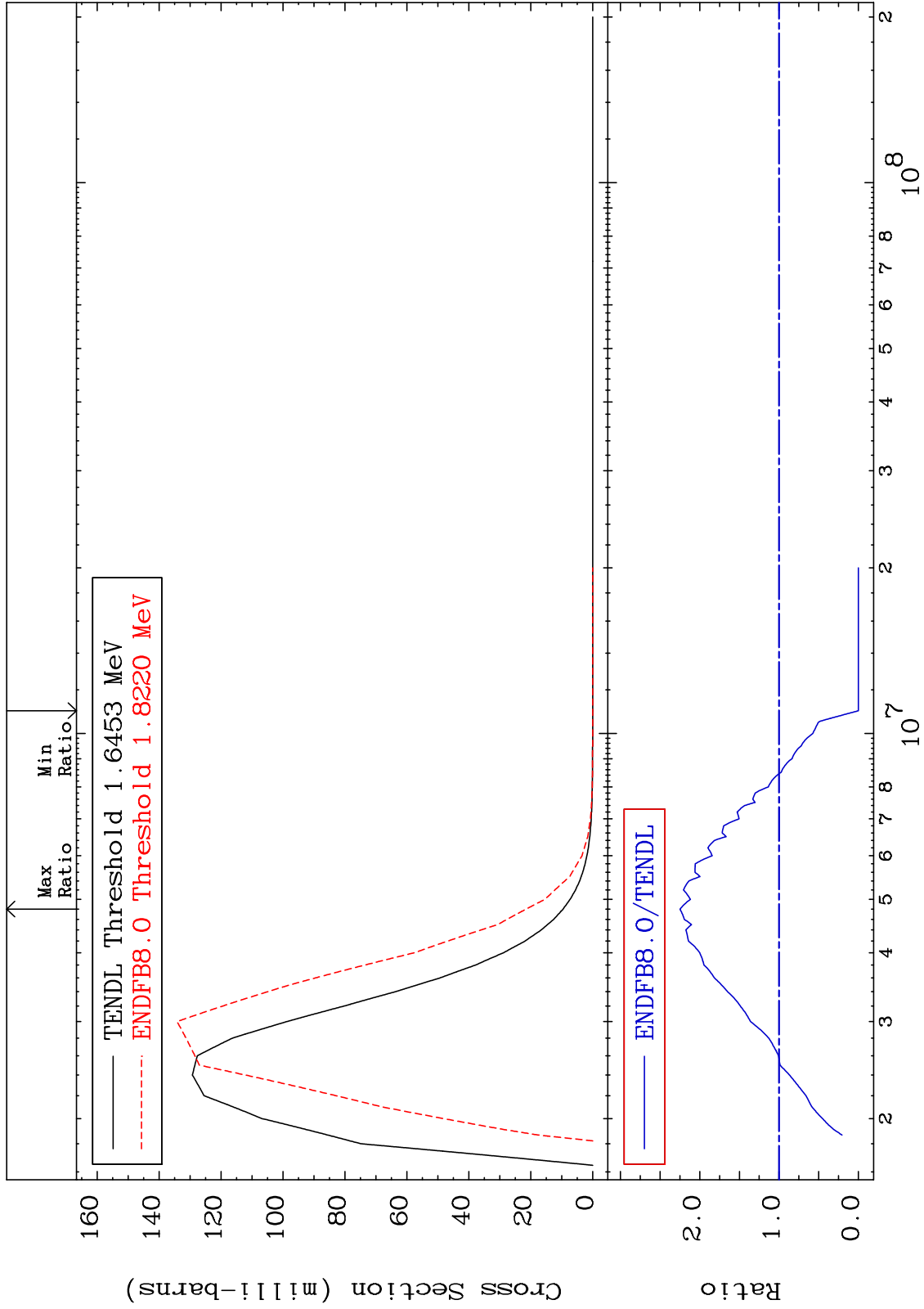
9

54-Xe-130

MAT 5443

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

54-Xe-130  
-100.0 To 124.8 %



10

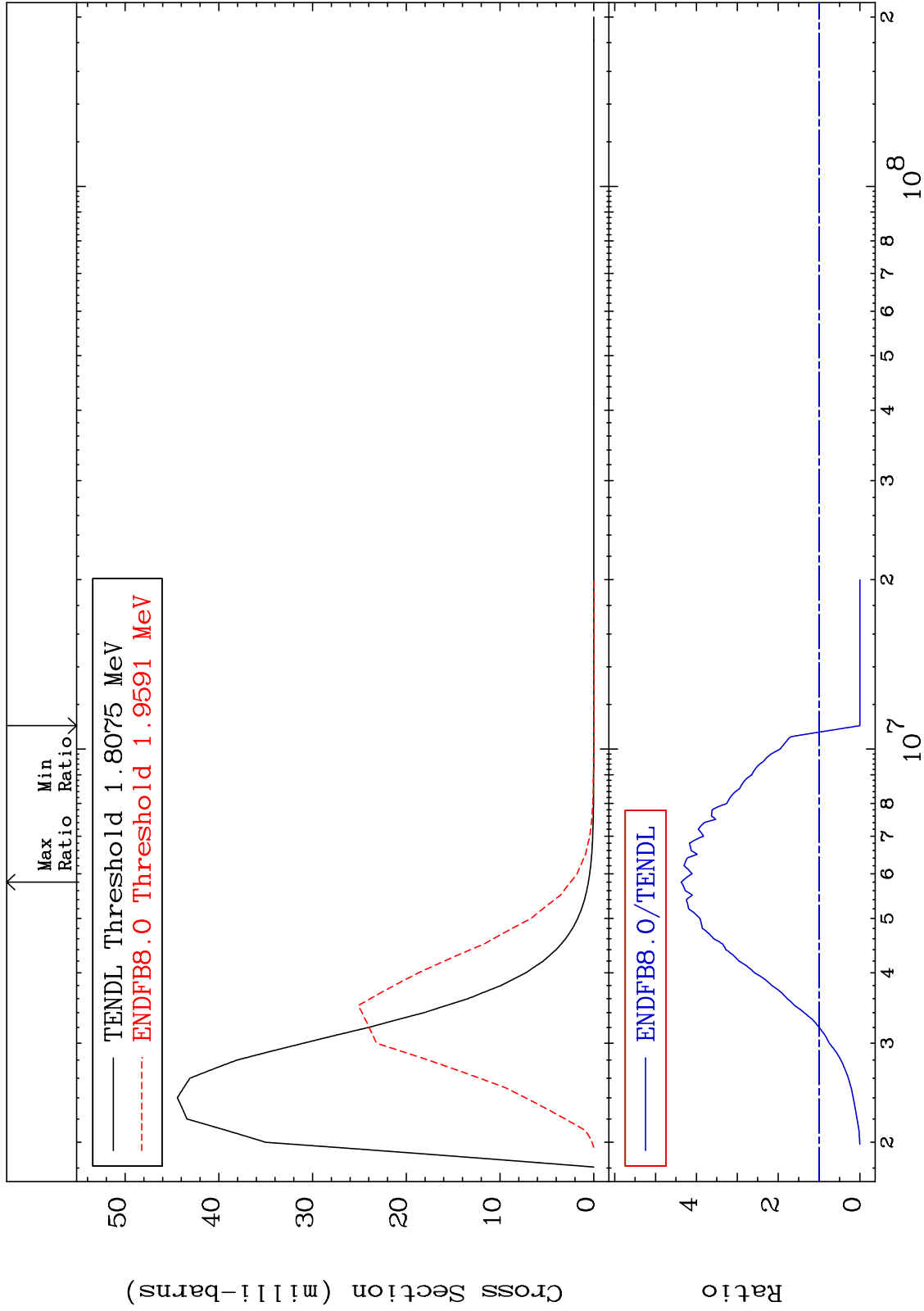
Incident Energy (eV)

54-Xe-130

MAT 5443

MT= 56 (n,n') Level  
Cross Section

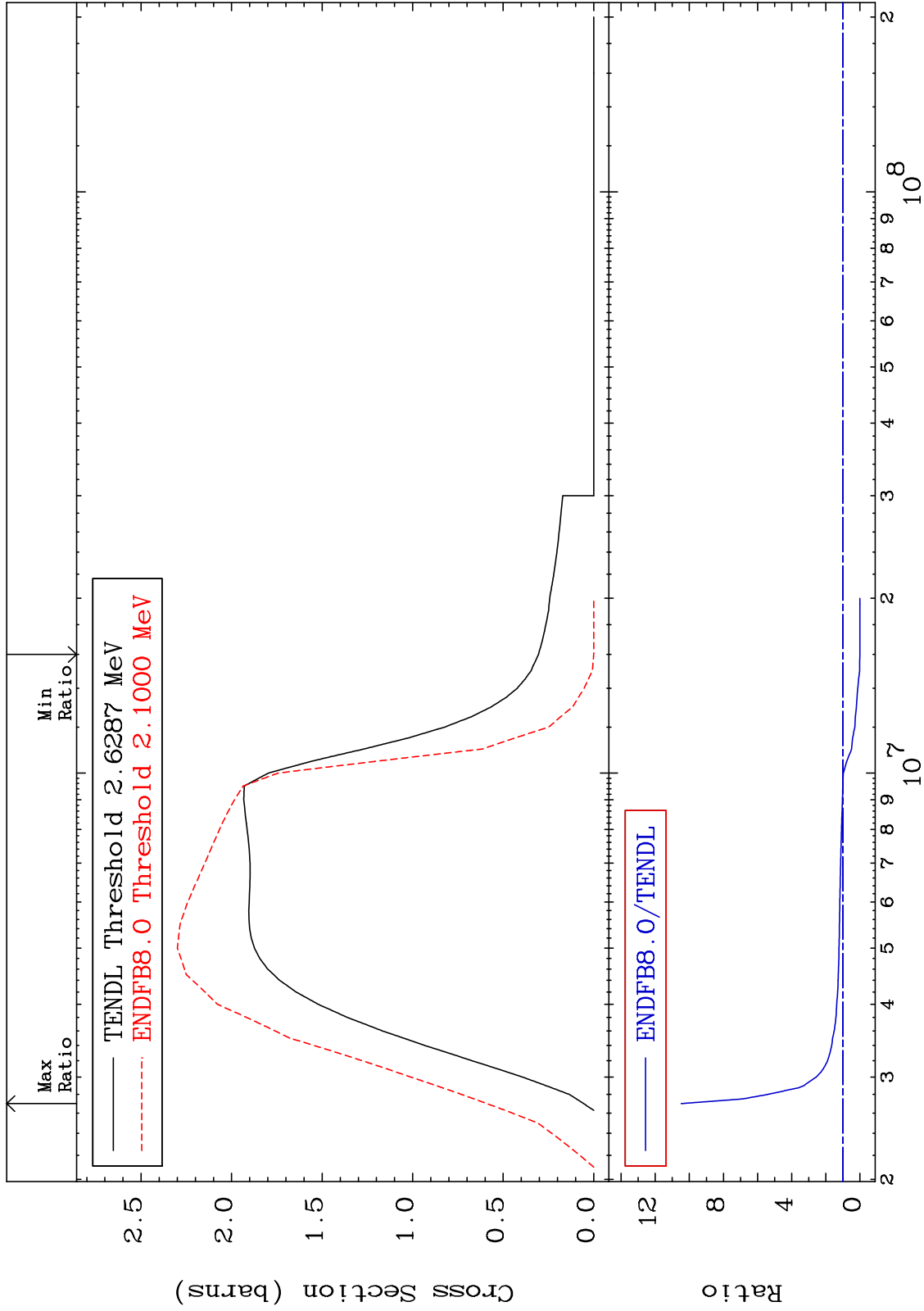
54-Xe-130  
-100.0 To 337.1 %



MAT 5443

(n, n') Continuum  
Cross Section

54-Xe-130  
-100.0 To 947.6 %



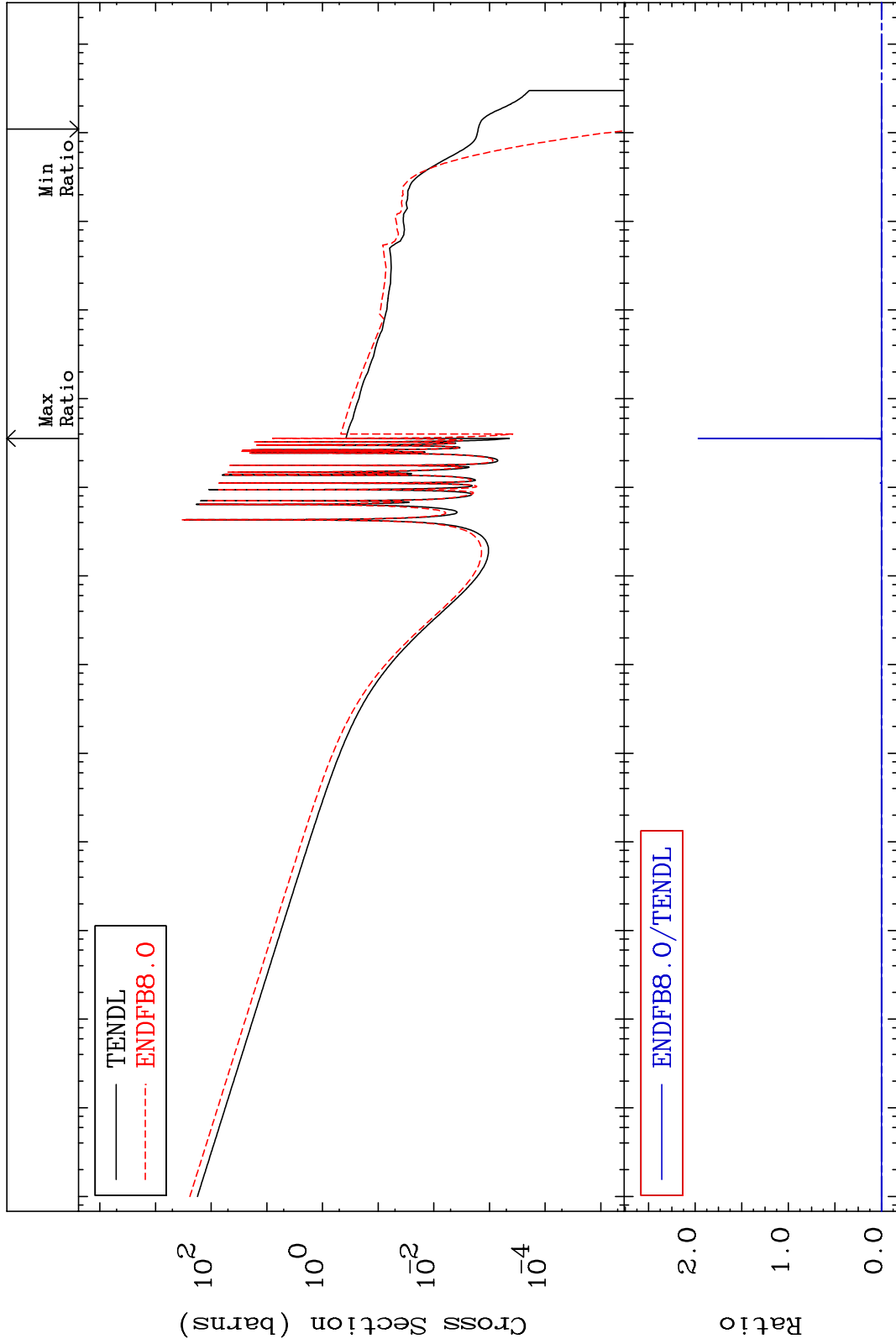
MAT 5443

54-Xe-130

(n,  $\gamma$ )

Cross Section

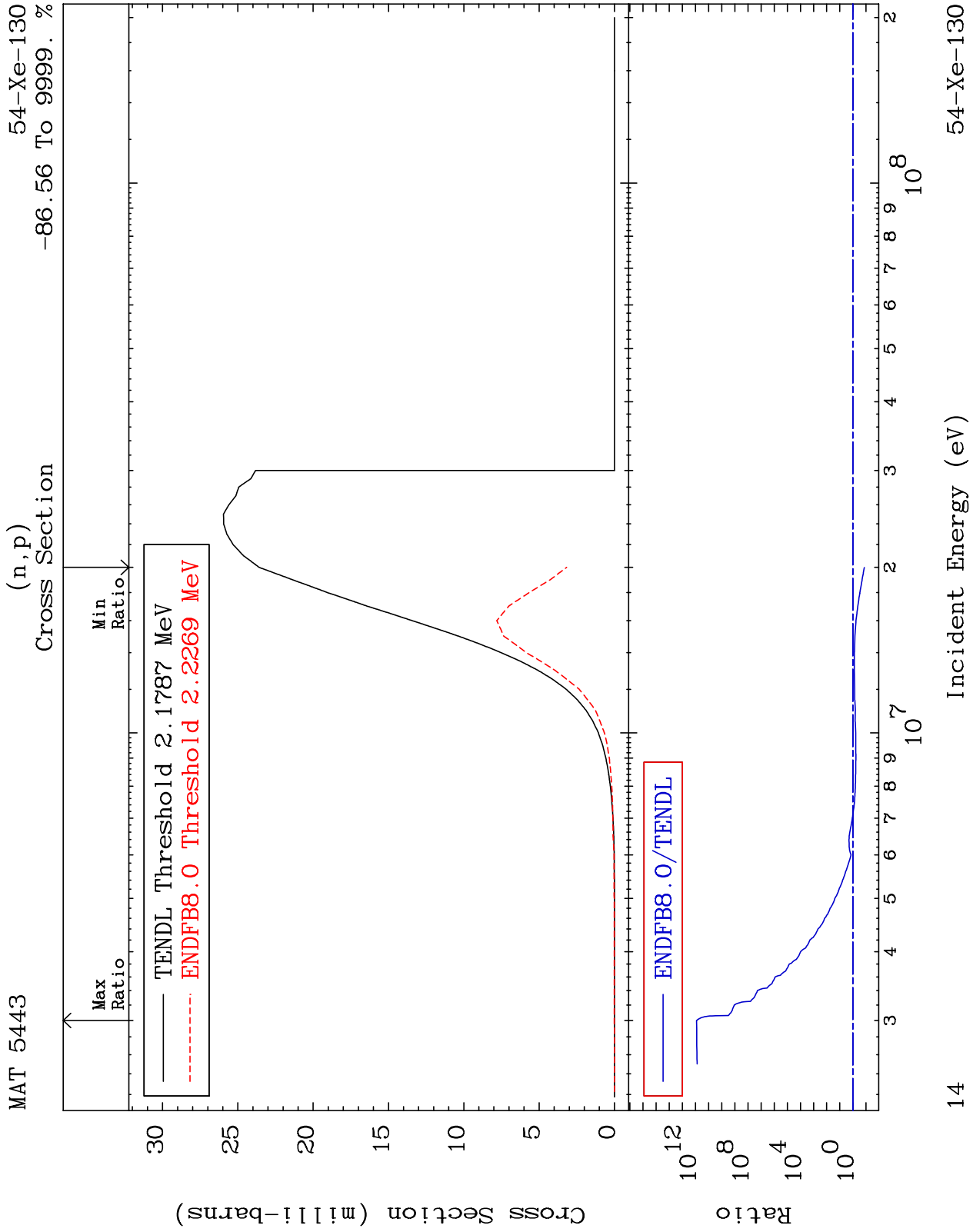
-100.0 To 9999. %



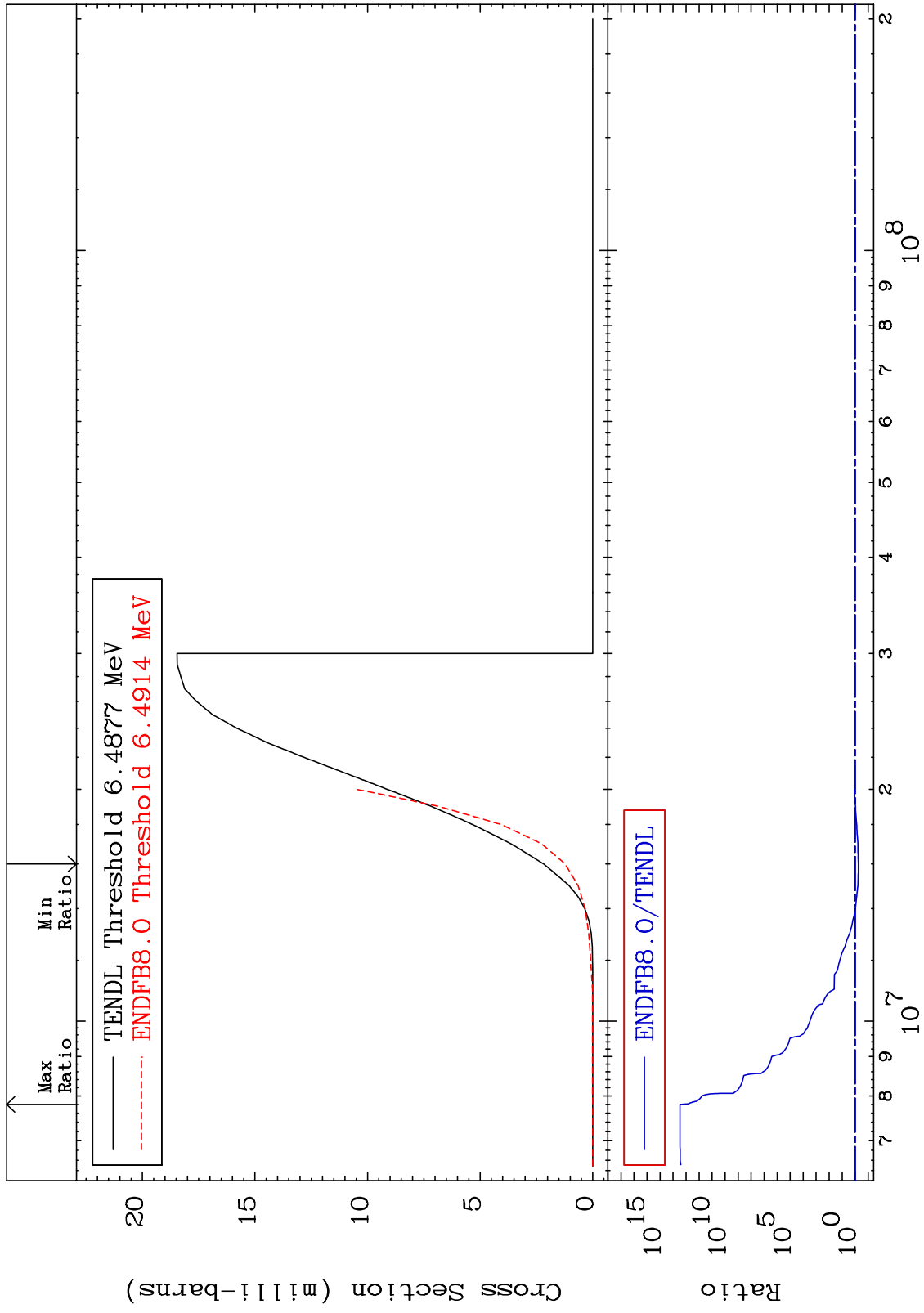
Incident Energy (eV)

54-Xe-130

13



MAT 5443 (n,d) 54-Xe-130  
Cross Section -43.50 To 9999. %



15 Incident Energy (eV) 54-Xe-130



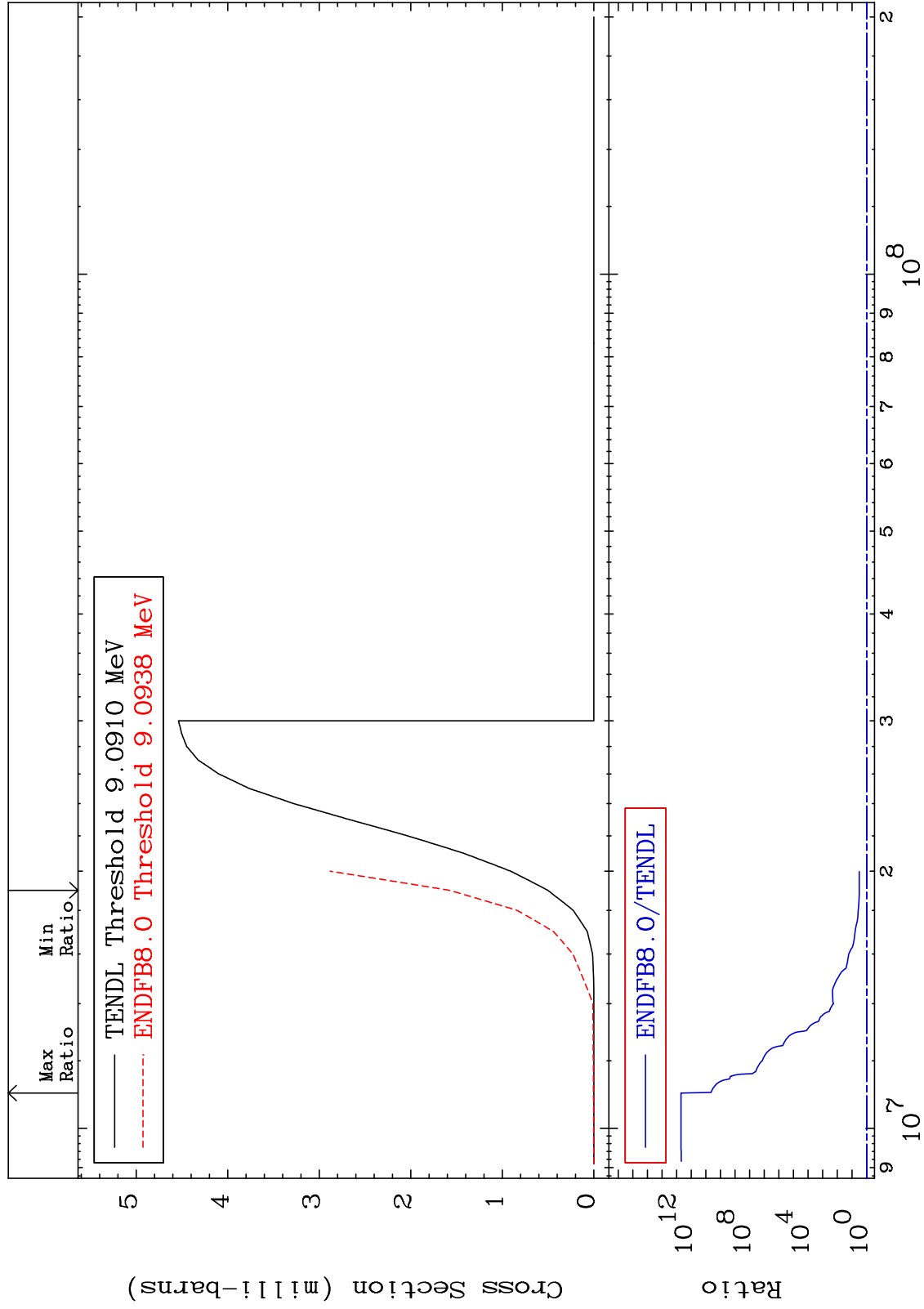
MAT 5443

(n, t)

54-Xe-130

Cross Section

214.4 To 9999. %



Incident Energy (eV)

54-Xe-130

16

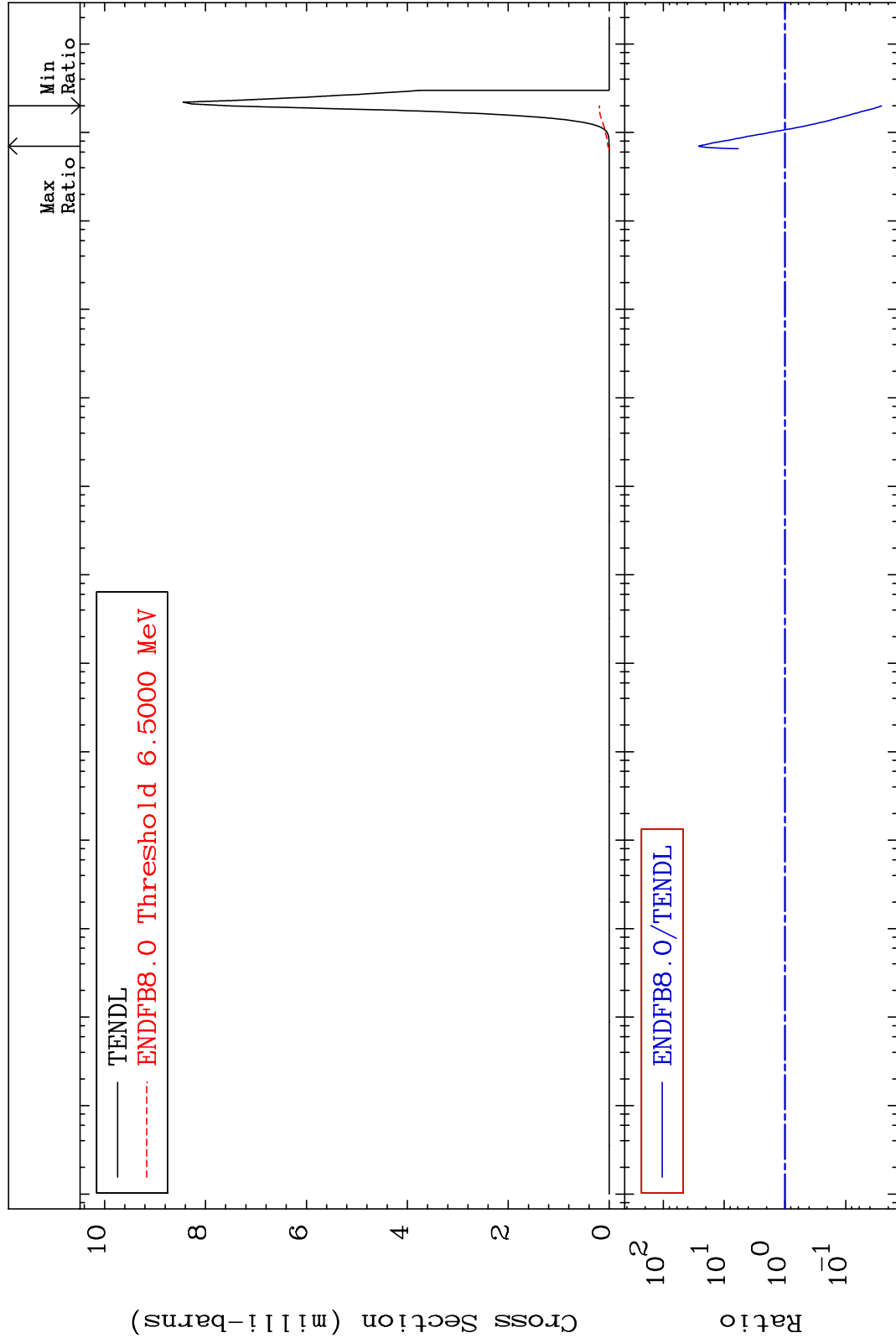
MAT 5443

(n,  $\alpha$ )

54-Xe-130

Cross Section

-97.43 To 2525. %



17

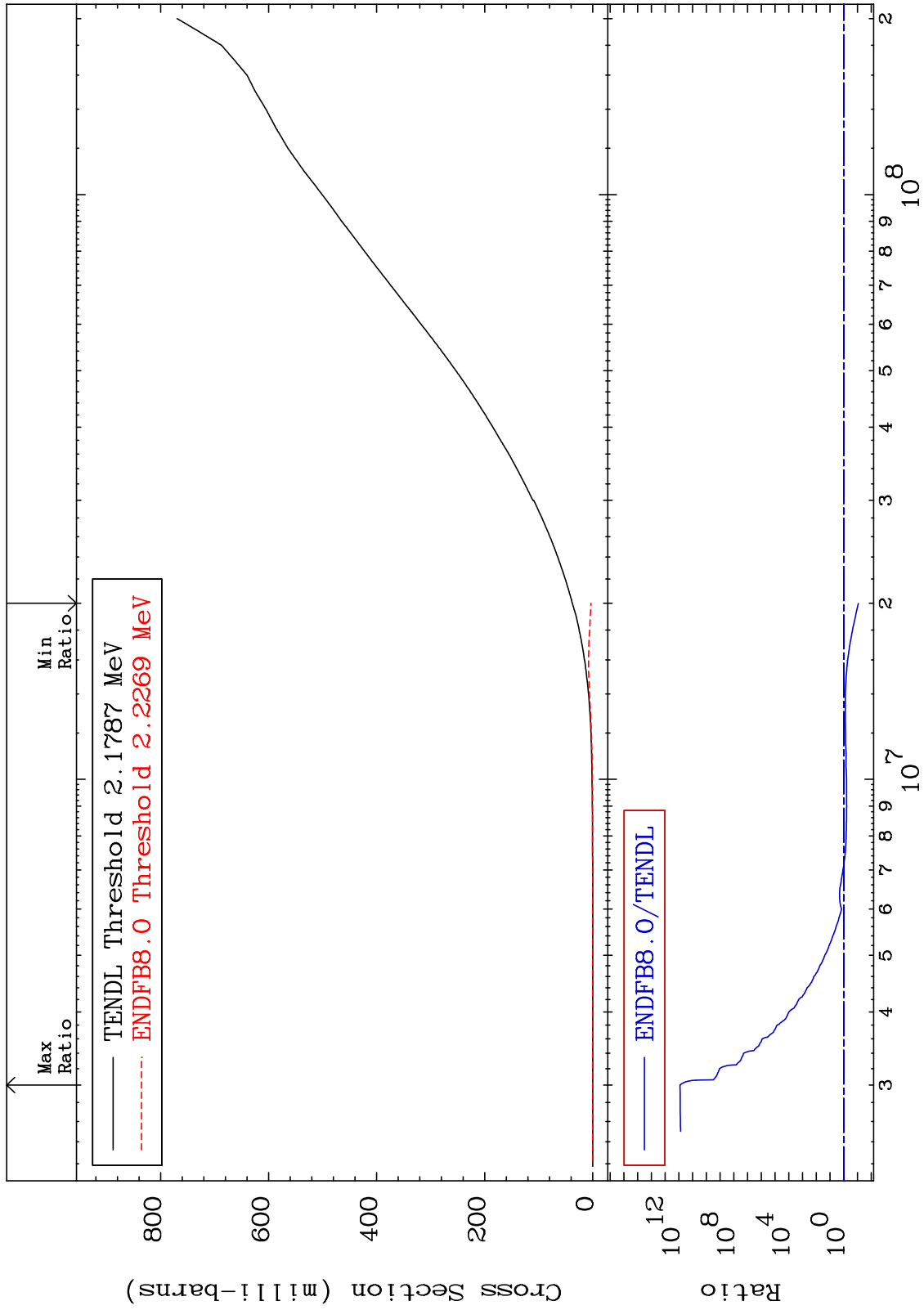
Incident Energy (eV)

54-Xe-130

MAT 5443

Hydrogen Production  
Cross Section

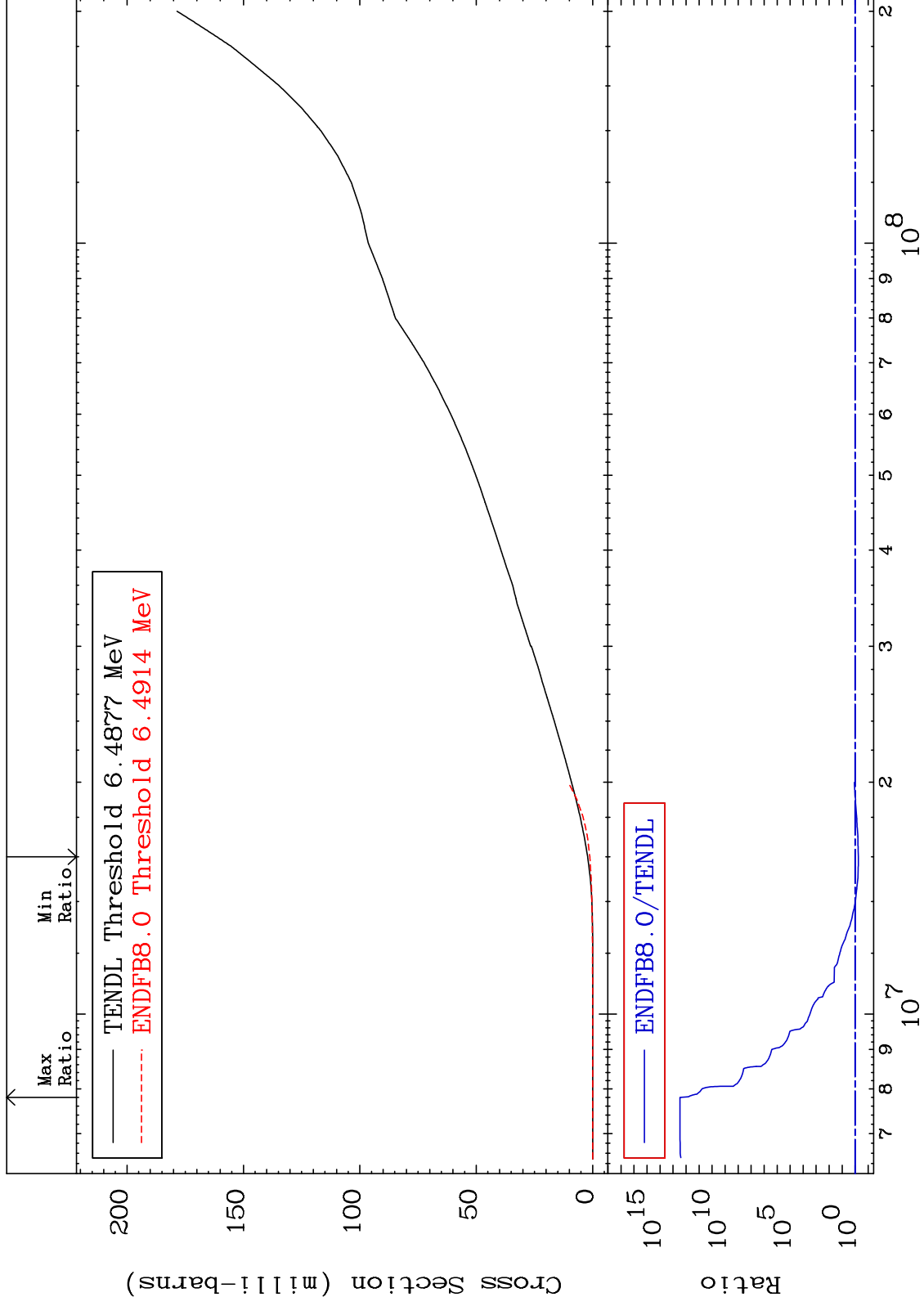
54-Xe-130  
-91.58 To 9999. %



MAT 5443

Deuterium Production  
Cross Section

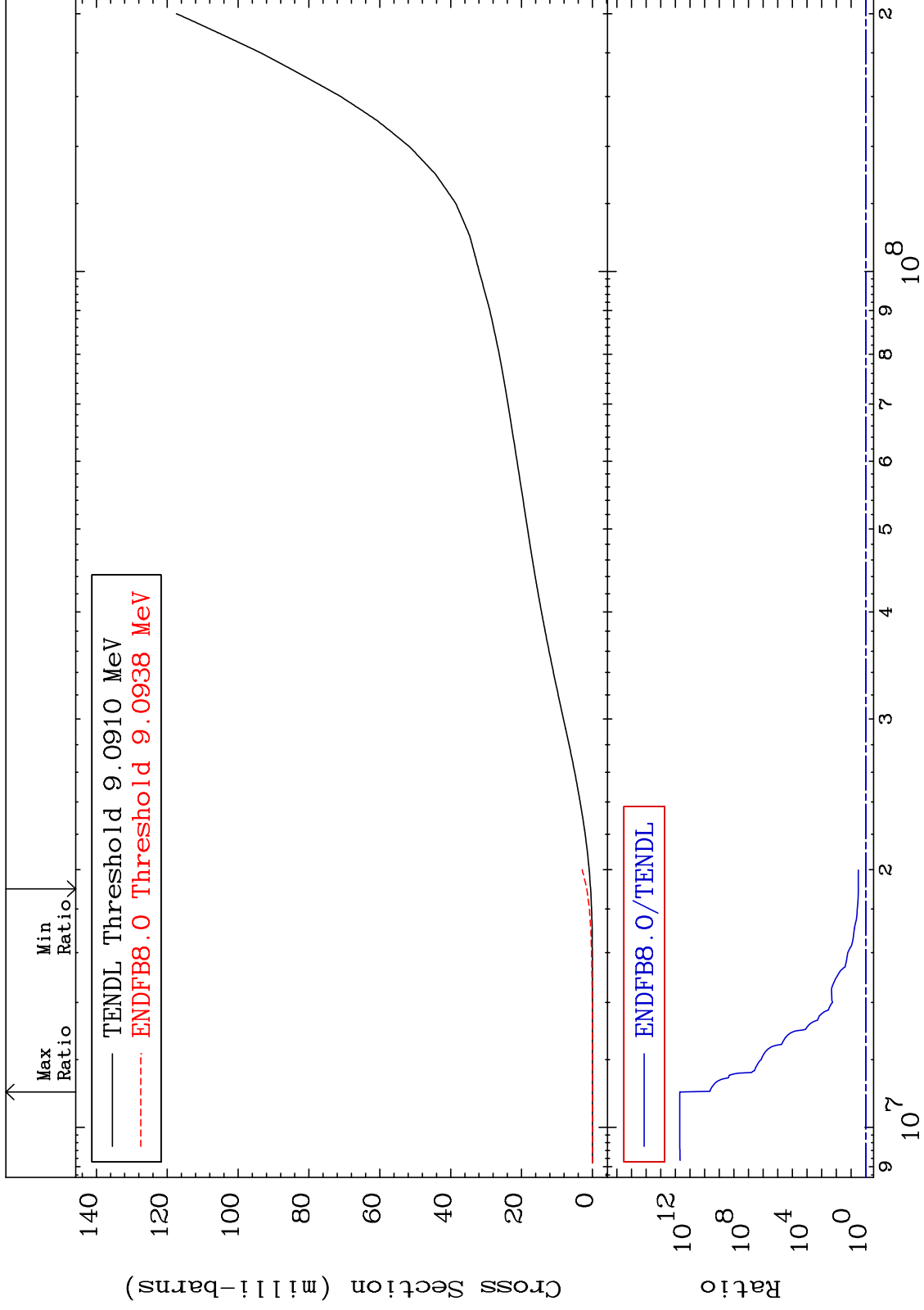
54-Xe-130  
-43.50 To 9999. %



MAT 5443

Tritium Production  
Cross Section

54-Xe-130  
214.4 To 9999. %



20

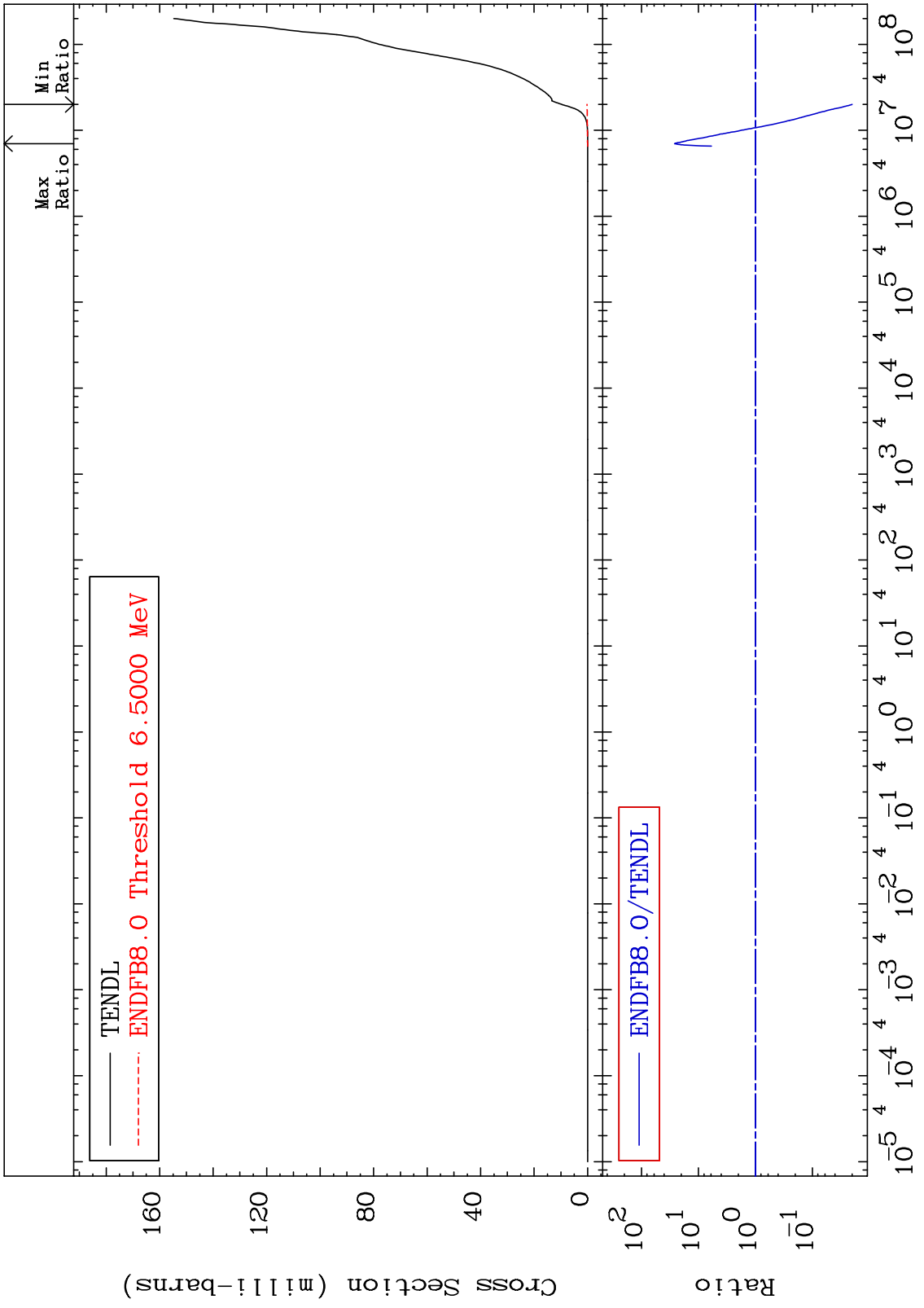
Incident Energy (eV)

54-Xe-130

MAT 5443

He-4 Production  
Cross Section

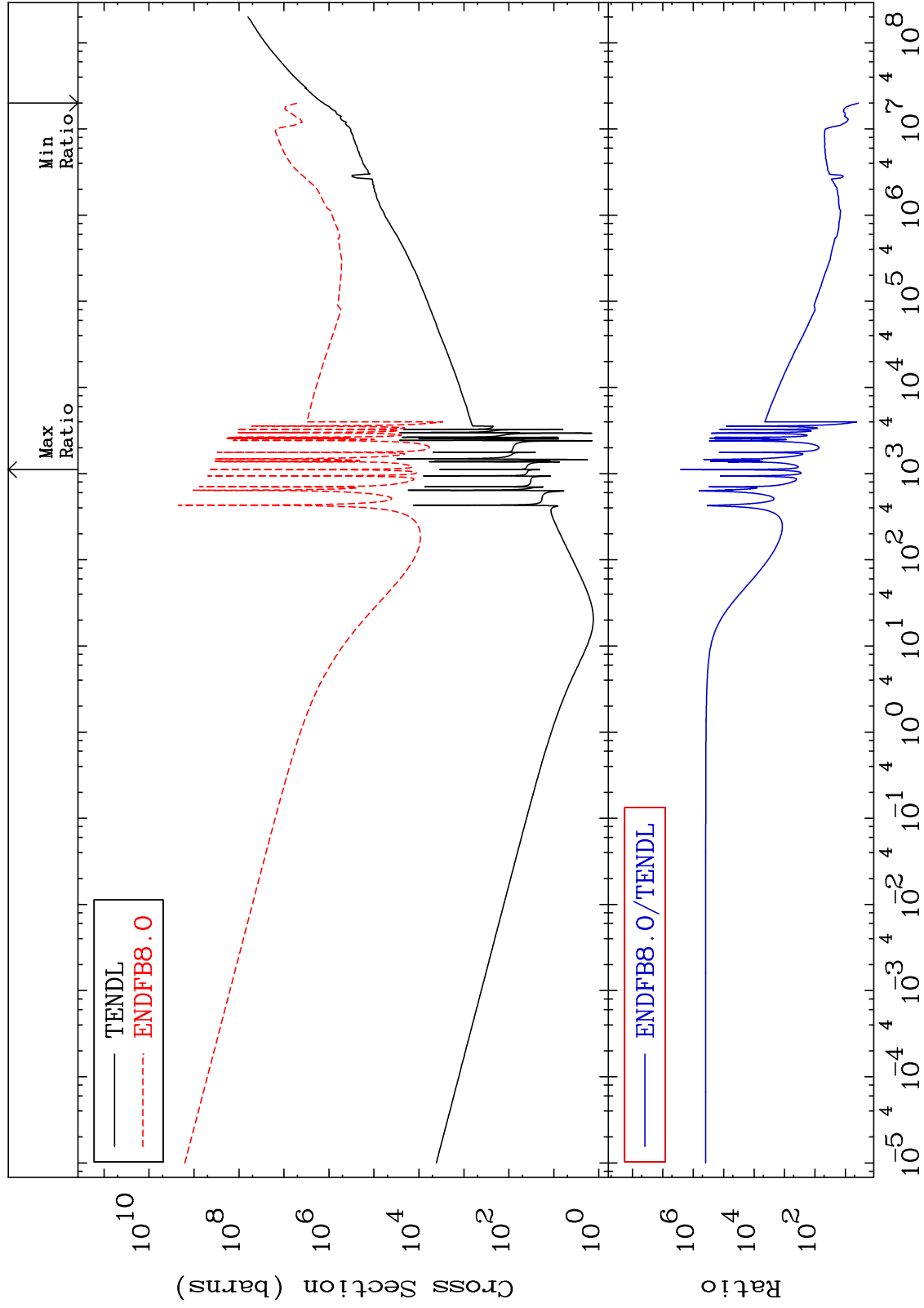
54-Xe-130  
-98.00 To 2525. %



MAT 5443

Kerma total (eV-barns)  
Cross Section

54-Xe-130  
269.2 To 9999. %



22

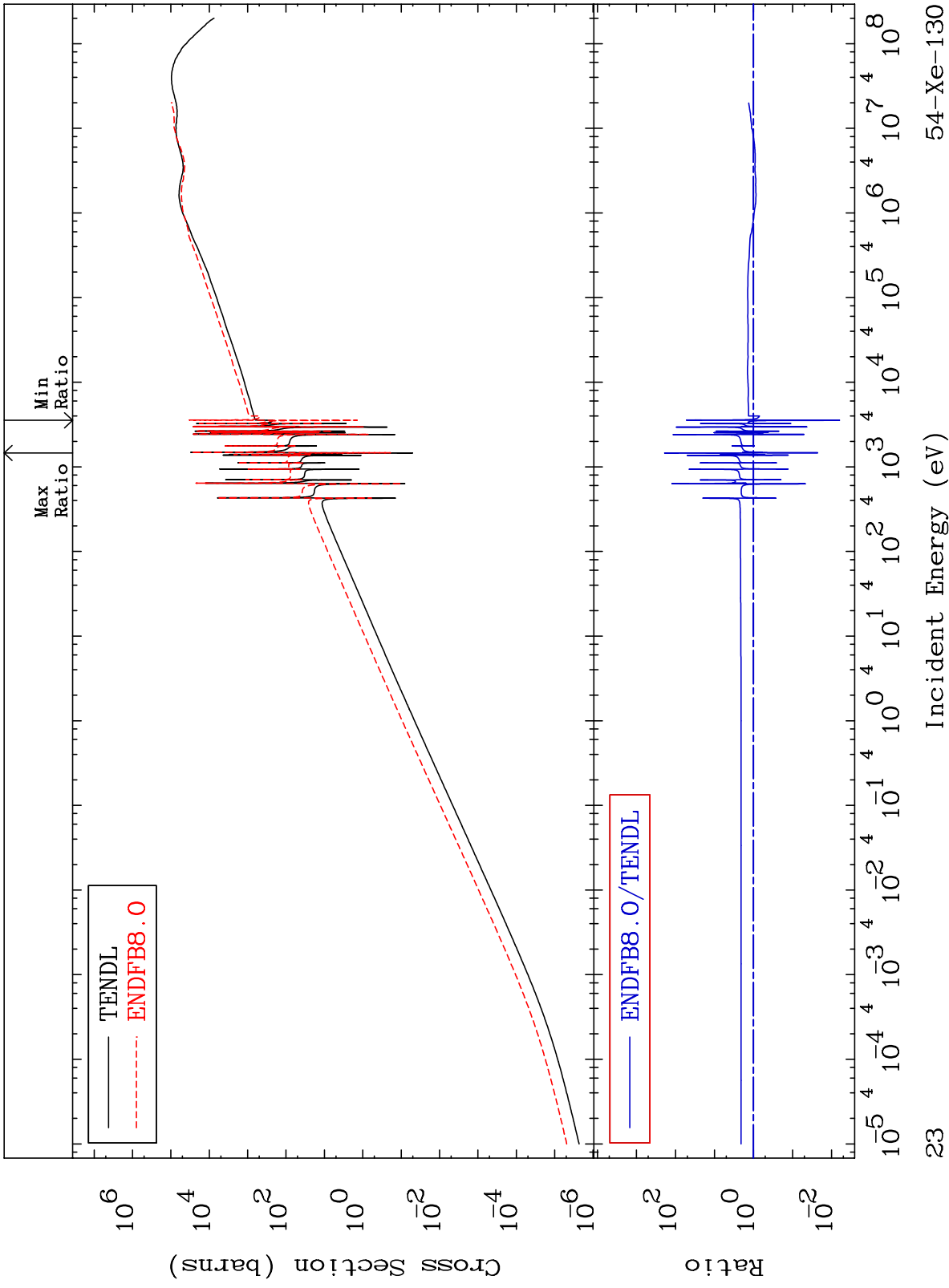
Incident Energy (eV)

54-Xe-130

MAT 5443

Kerma elastic  
Cross Section

54-Xe-130  
-99.38 To 9999. %

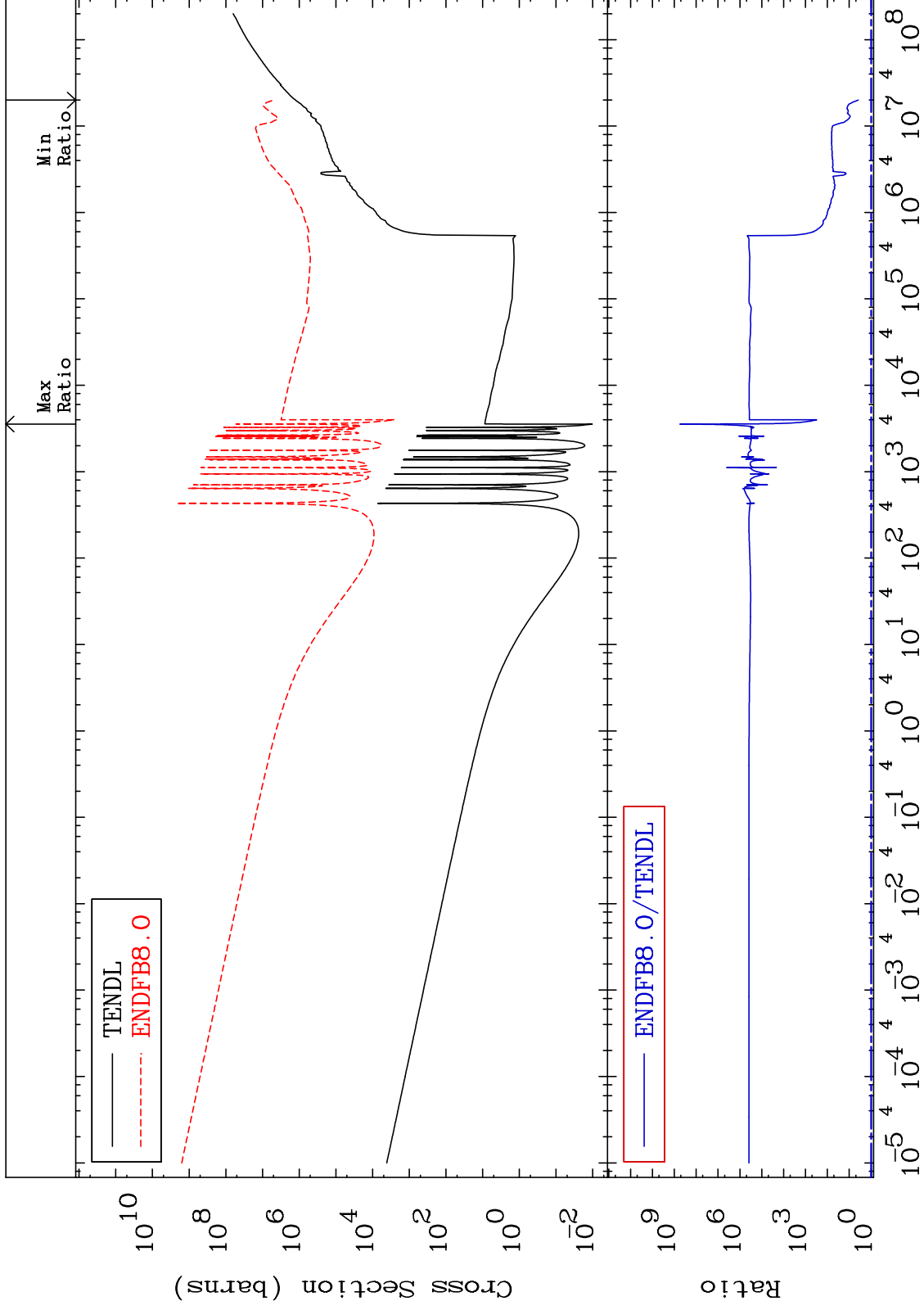




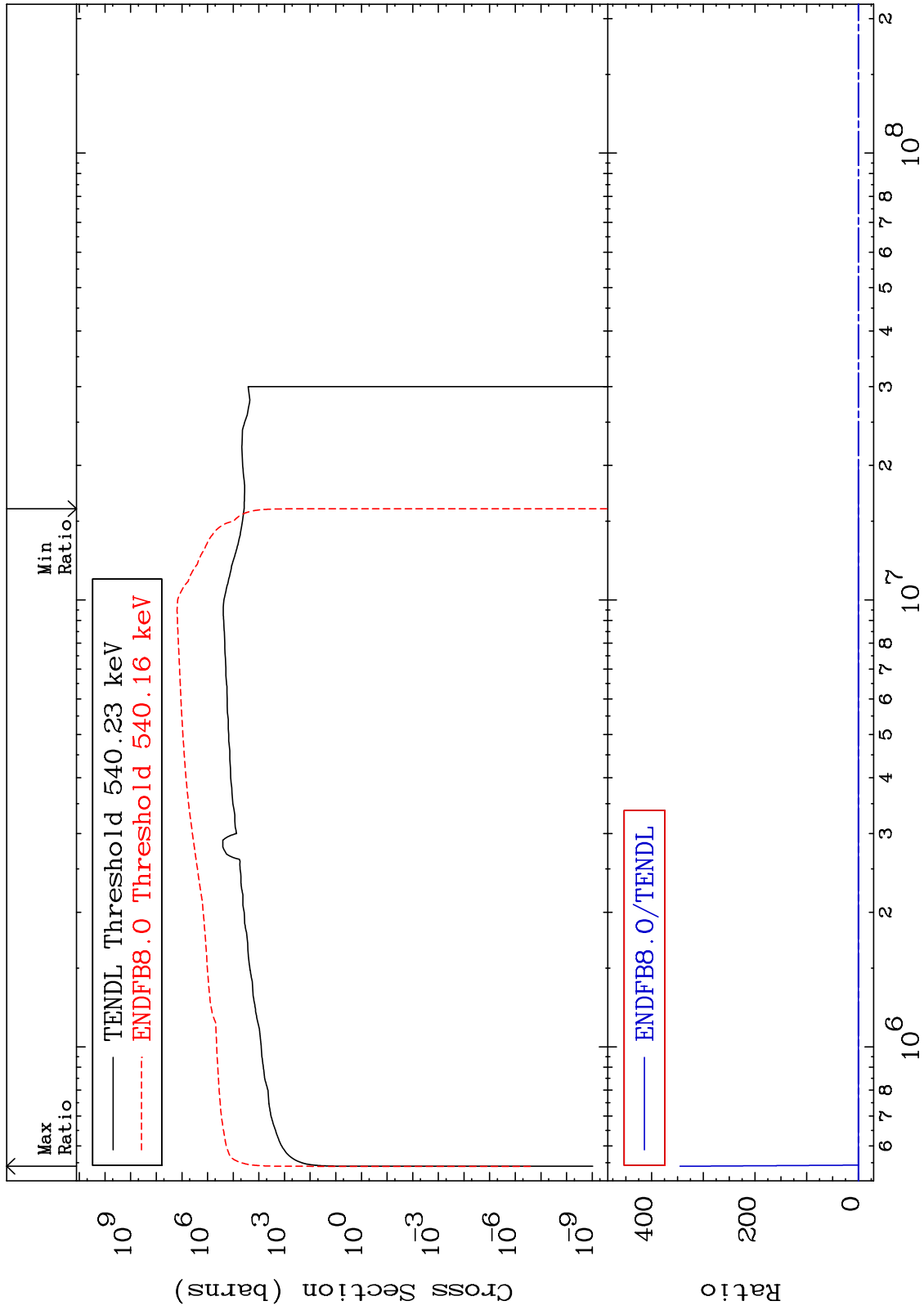
MAT 5443

Kerma non-elastic (all but mt2)  
Cross Section

54-Xe-130  
283.1 To 9999. %



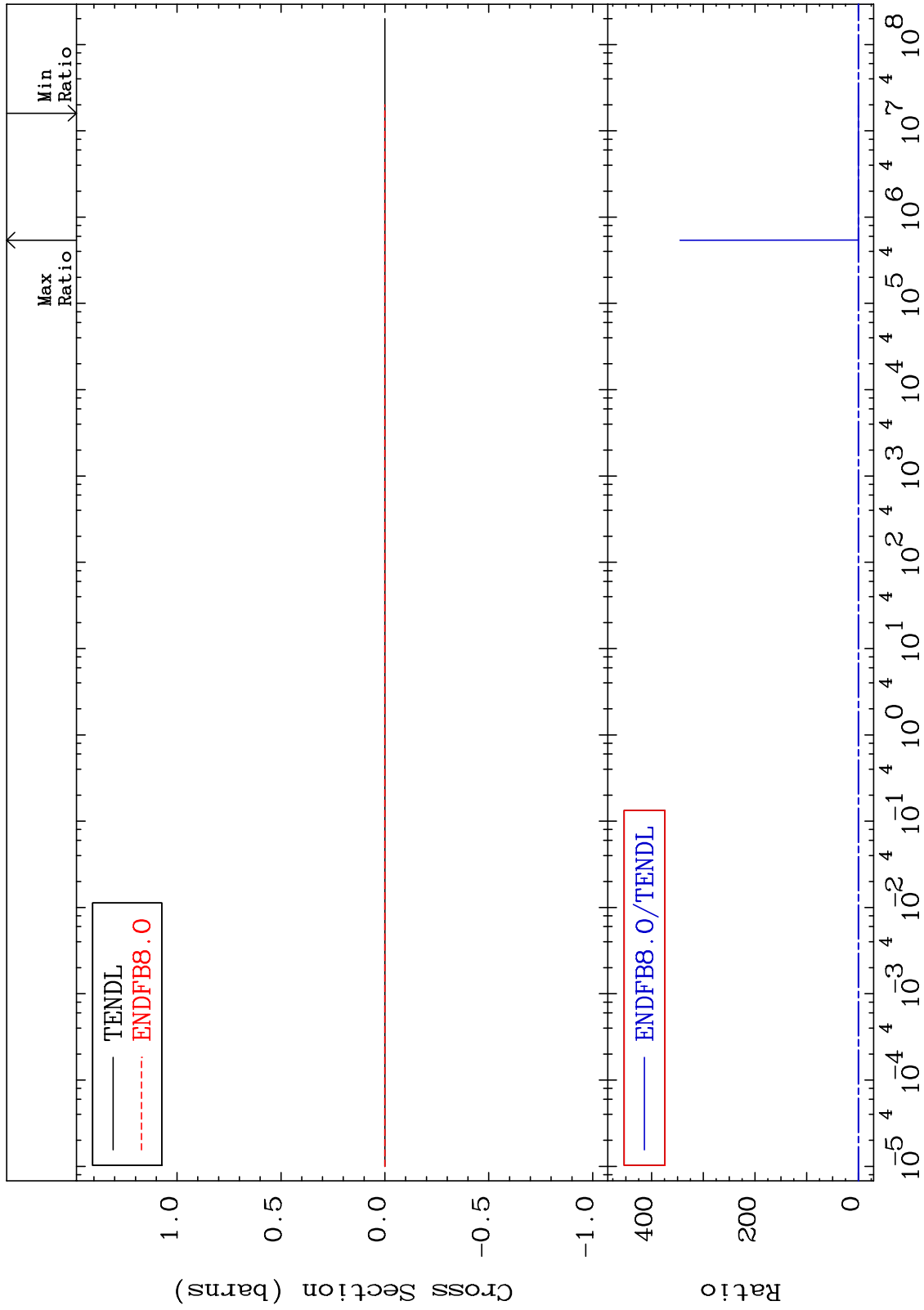
MAT 5443      Kerma inelastic (mt51-91)      54-Xe-130  
 -100.0 To 9999. %  
 Cross Section



MAT 5443

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

54-Xe-130  
-100.0 To 9999. %



26

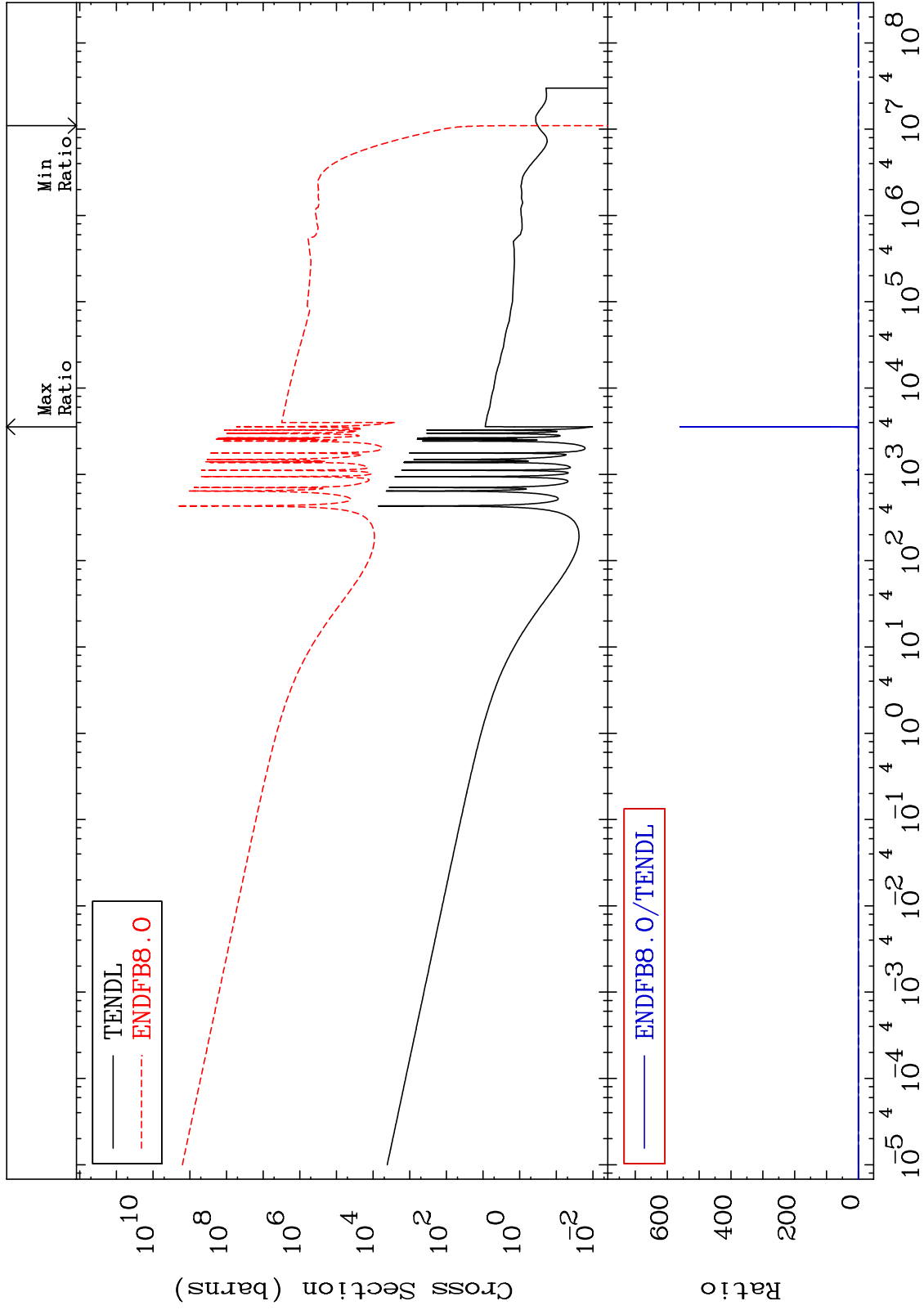
Incident Energy (eV)

54-Xe-130

MAT 5443

Kerma capture (mt102)  
Cross Section

54-Xe-130  
-100.0 To 9999. %



27

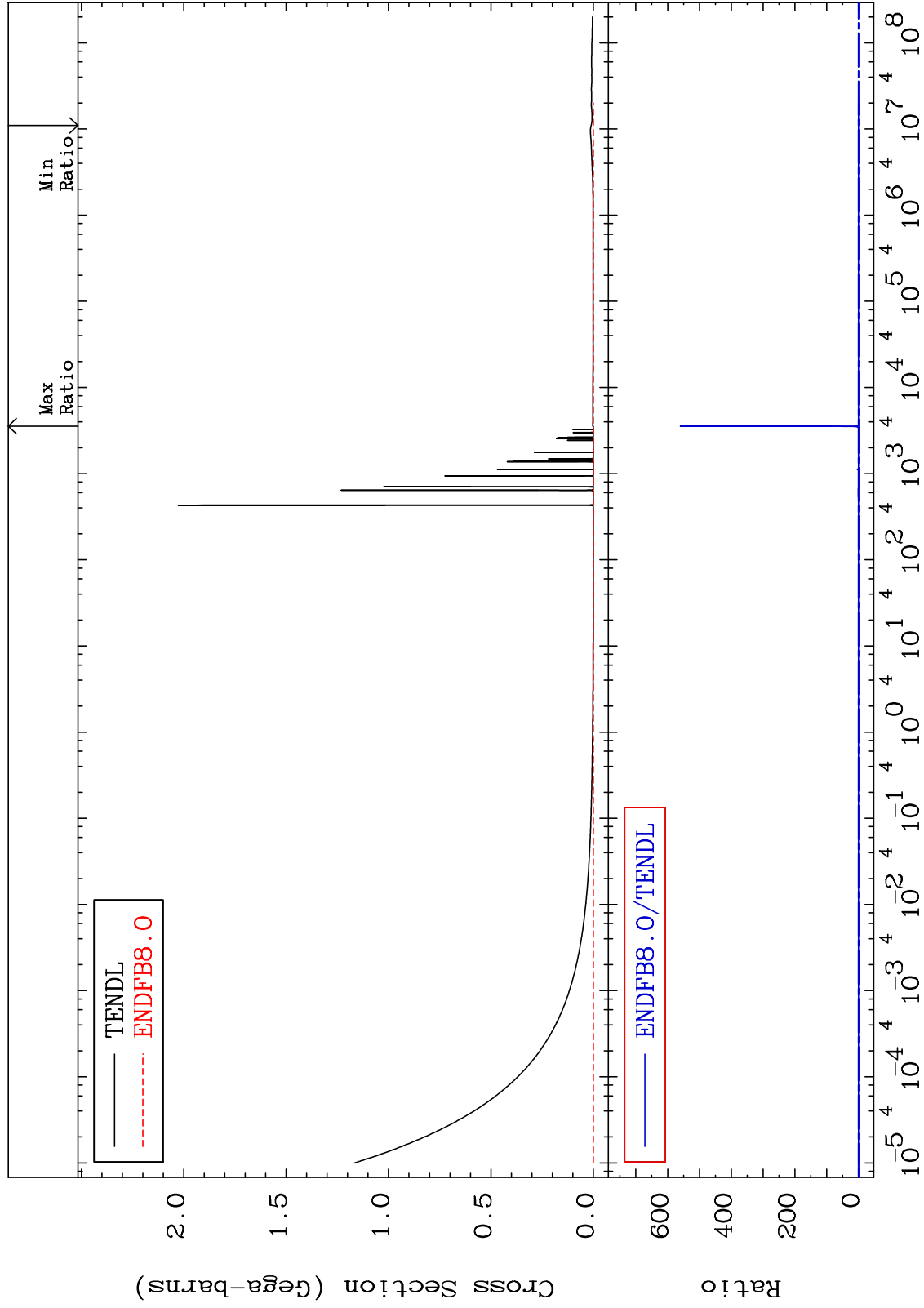
Incident Energy (eV)

54-Xe-130

MAT 5443

Total photon (eV-barns)  
Cross Section

54-Xe-130  
-100.0 To 9999. %



28

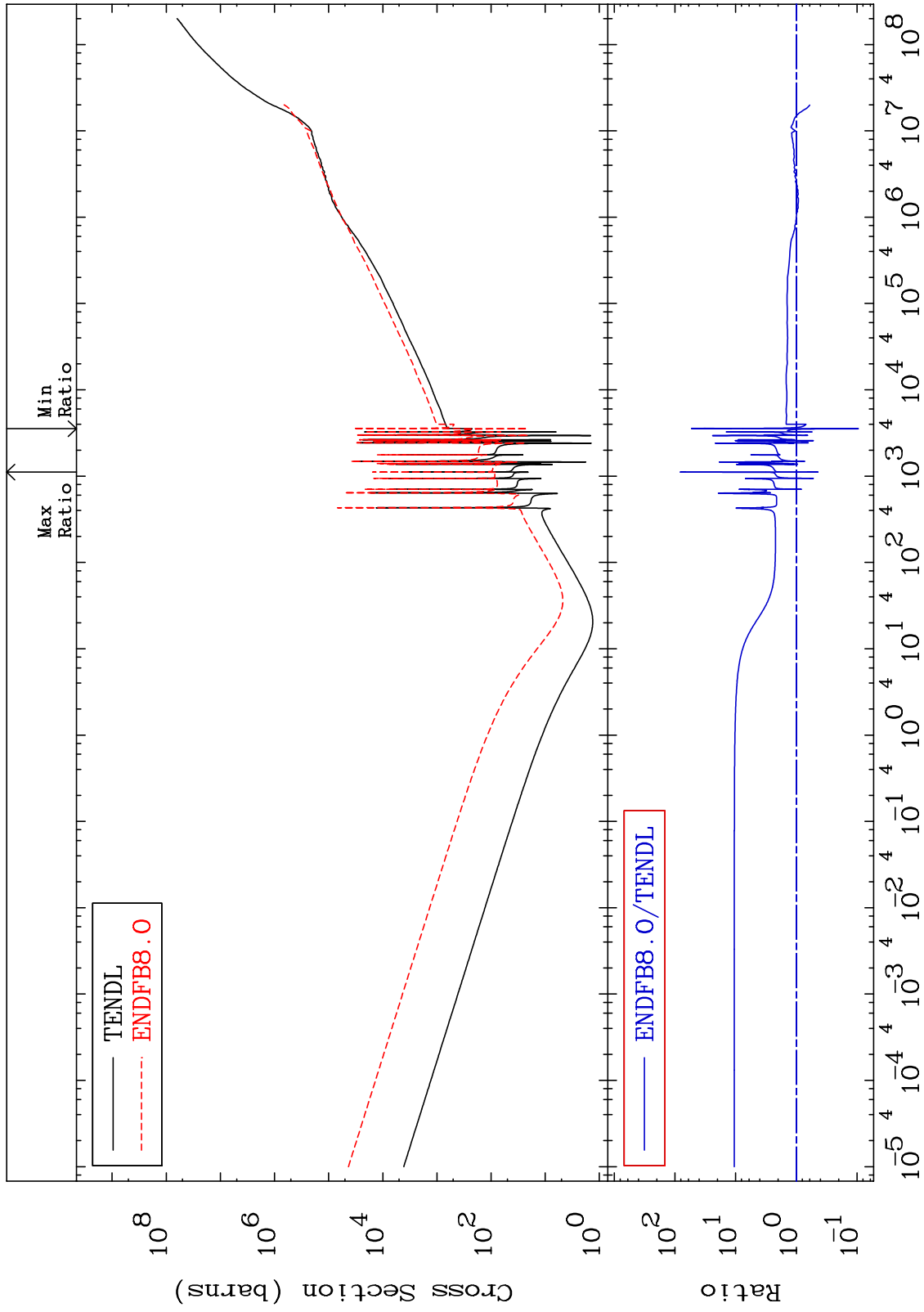
Incident Energy (eV)

54-Xe-130

MAT 5443

Total kinematic kerma (high limit)  
Cross Section

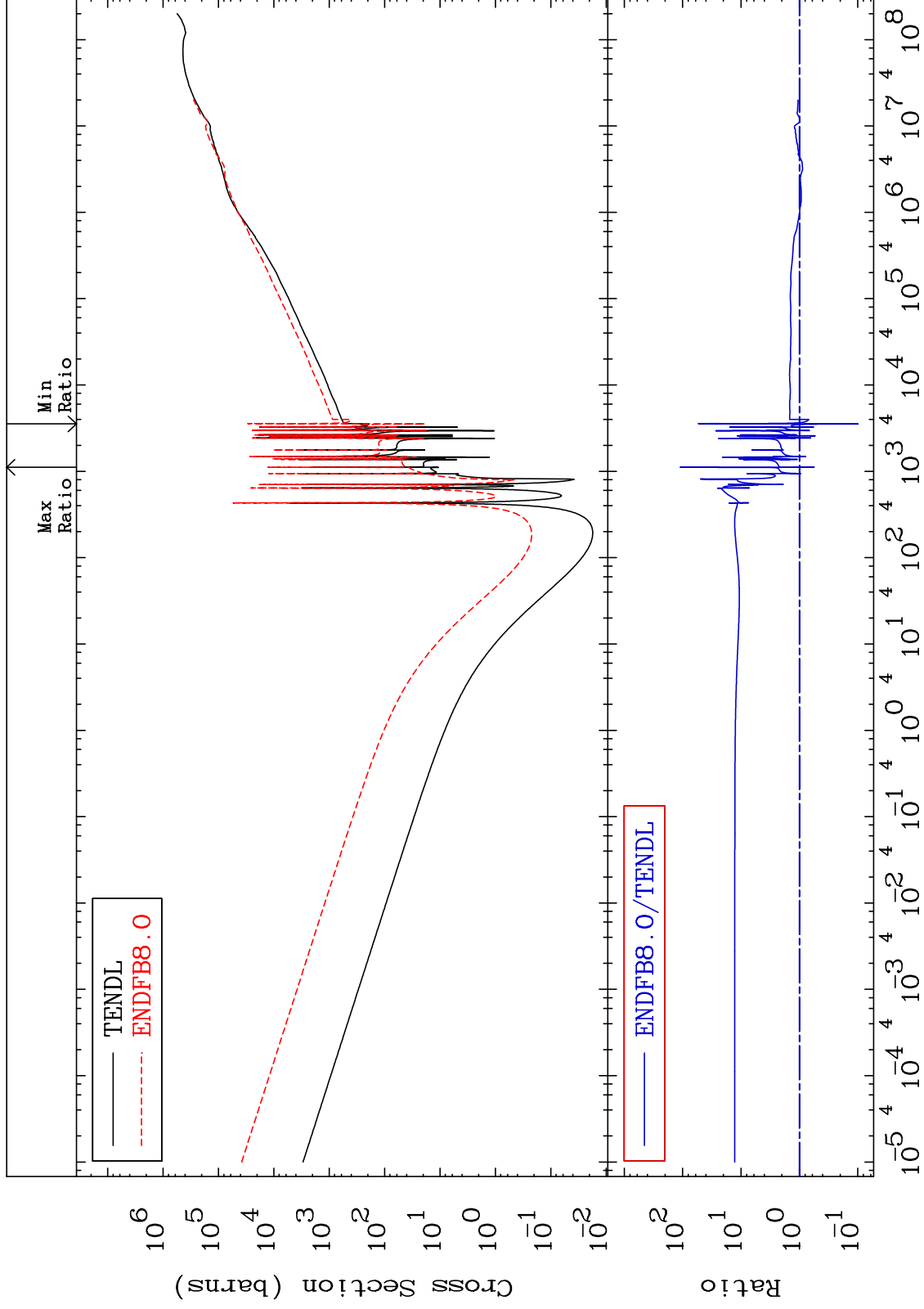
54-Xe-130  
-90.52 To 8164. %



MAT 5443

Dpa total (eV-barns)  
Cross Section

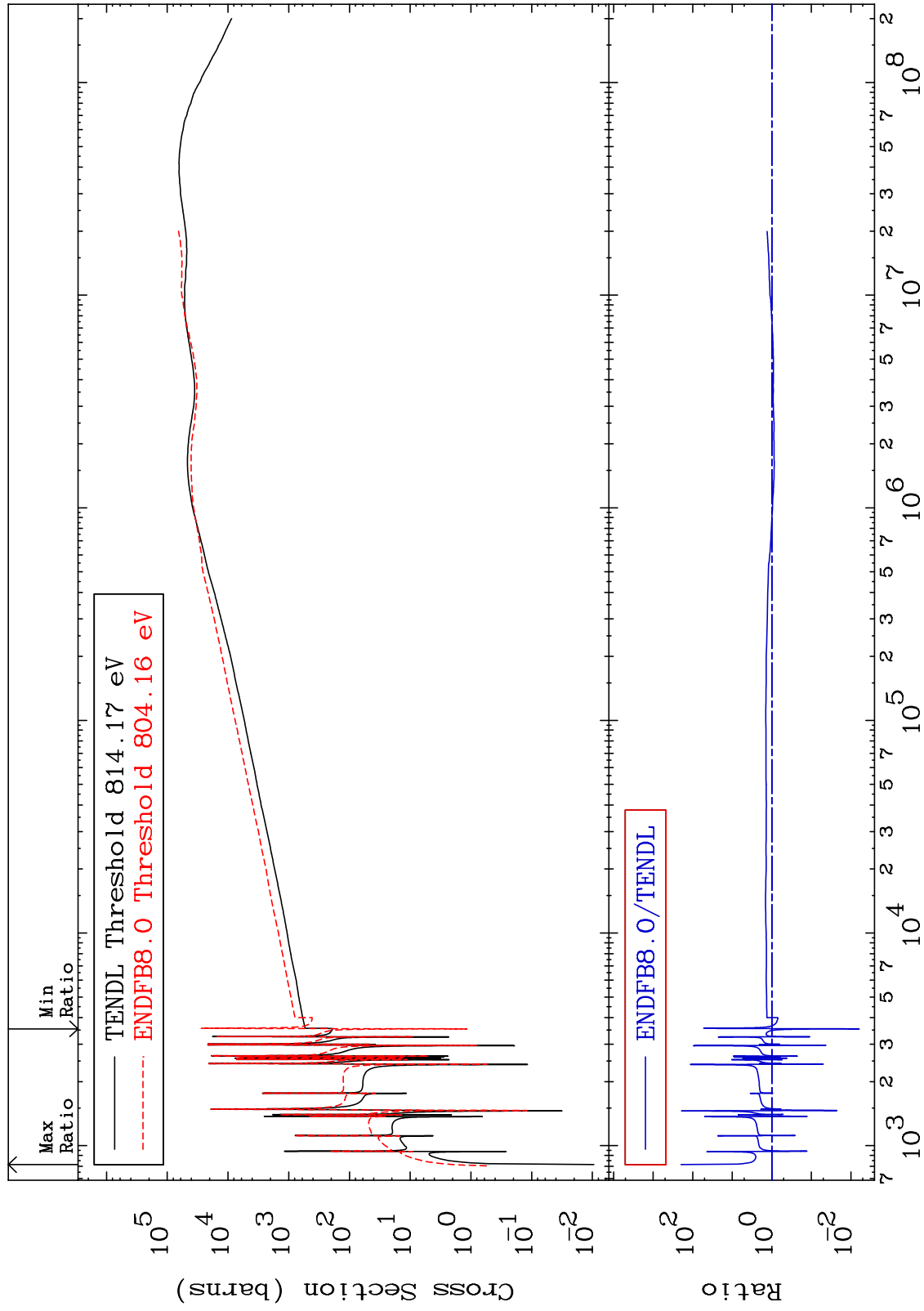
54-Xe-130  
-90.25 To 9999. %



MAT 5443

Dpa elastic (mt2)  
Cross Section

54-Xe-130  
-99.39 To 9999. %

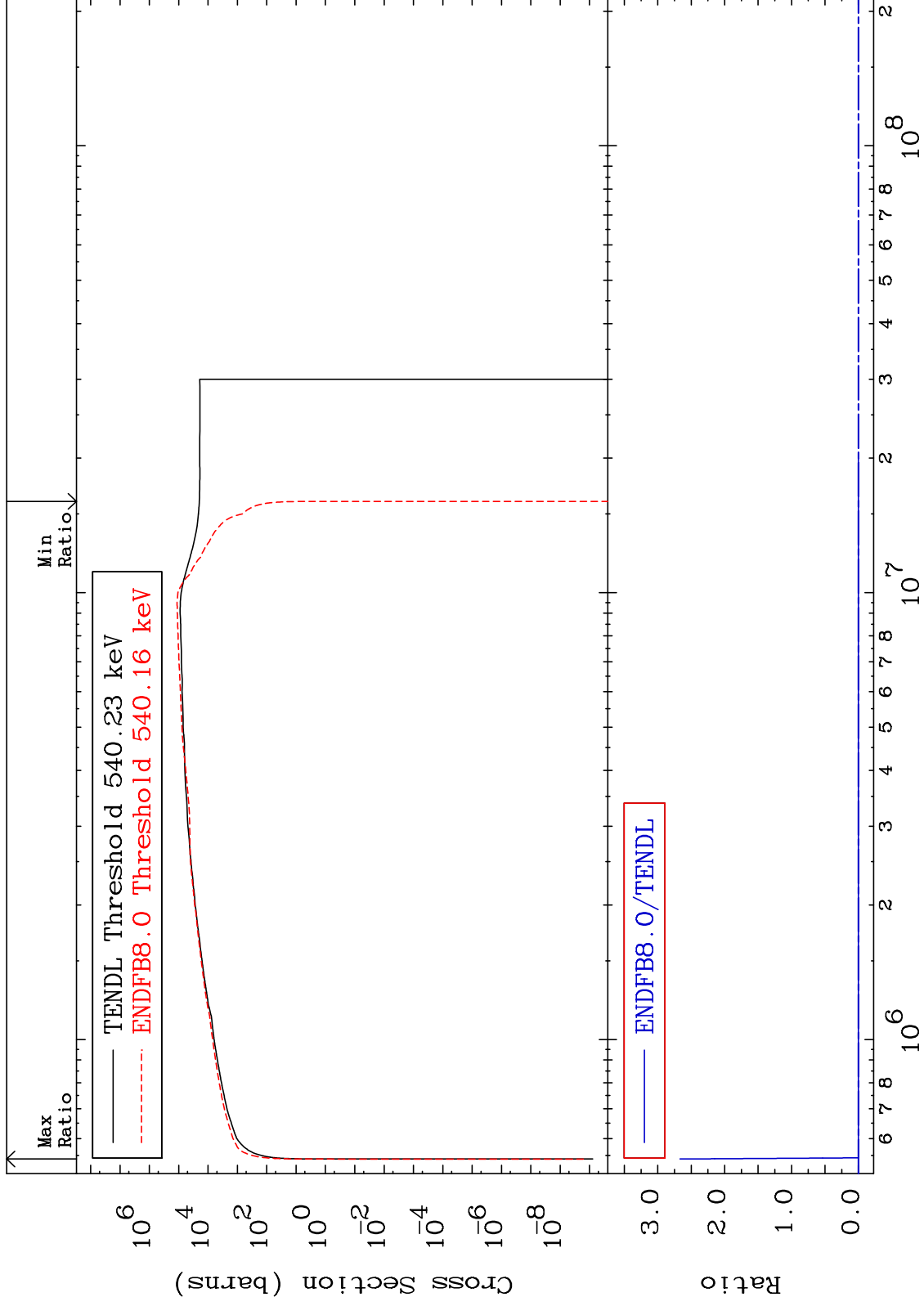




MAT 5443

Dpa inelastic (mt51-91)  
Cross Section

54-Xe-130  
-100.0 To 9999. %



MAT 5443

Dpa disappearance (mt102 -120)  
Cross Section

54-Xe-130  
-98.84 To 9999. %

