

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

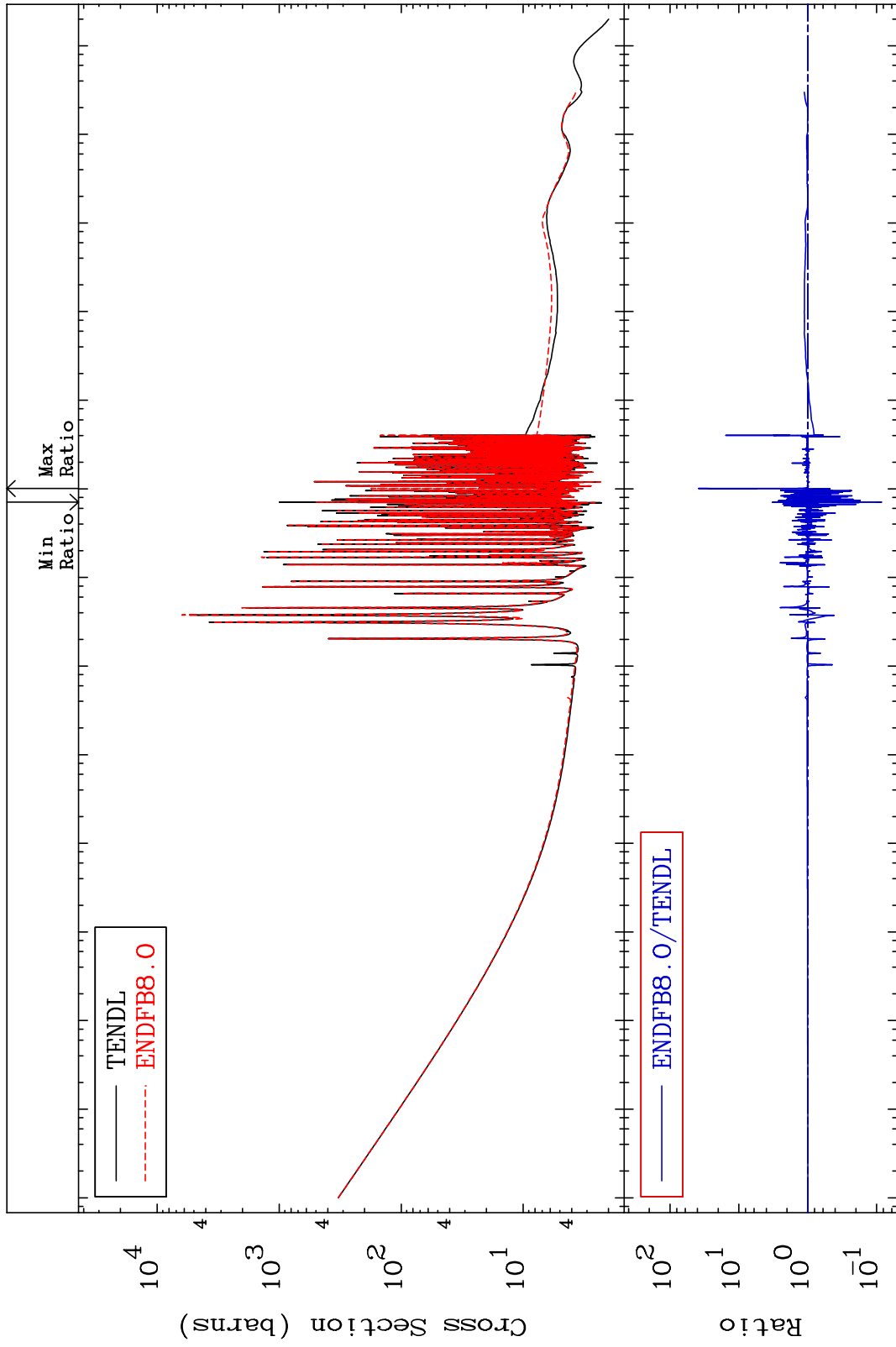
MAT 5325

Total

53-I -127

Cross Section

-91.52 To 3777. %



Incident Energy (eV)

53-I -127

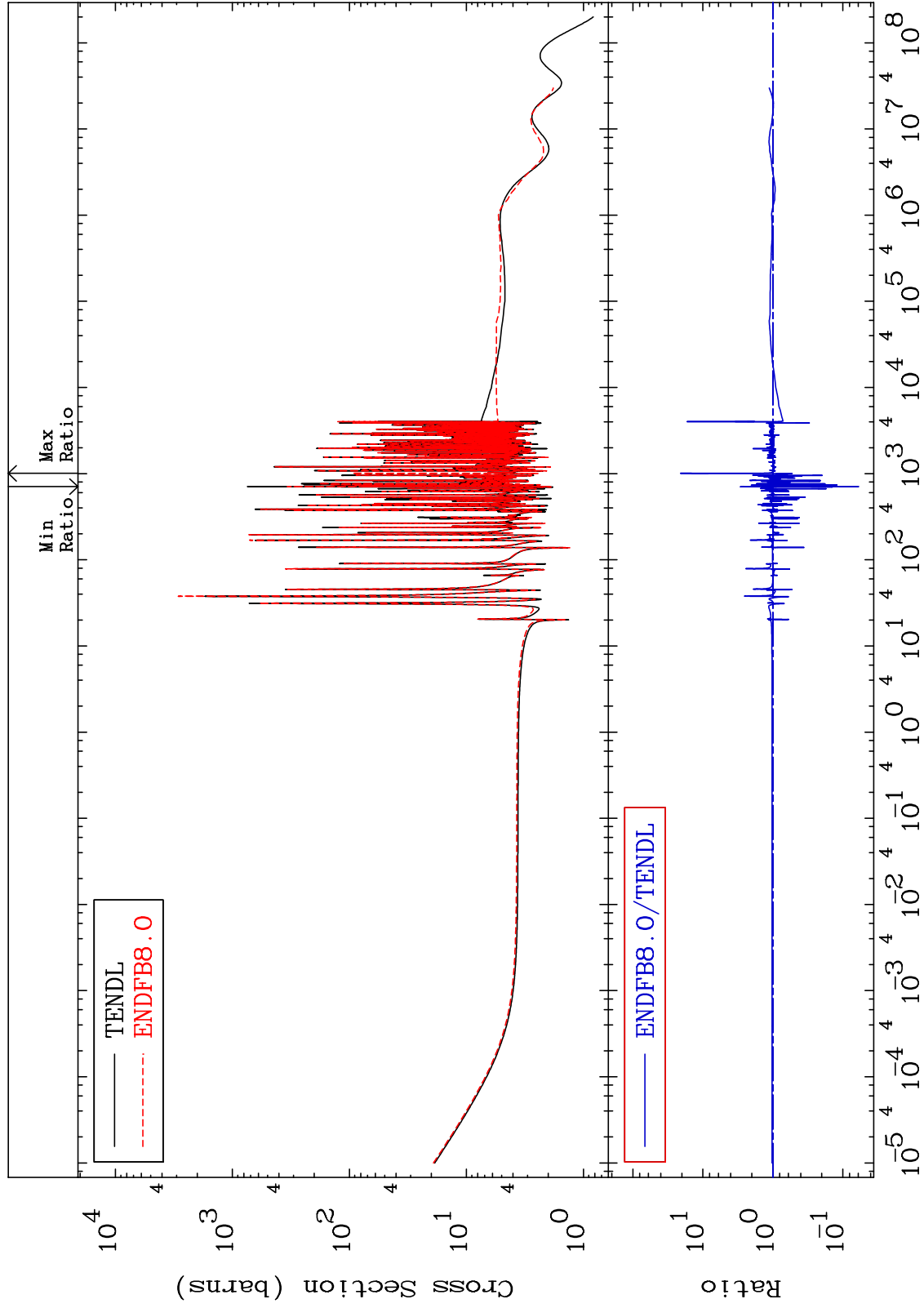
MAT 5325

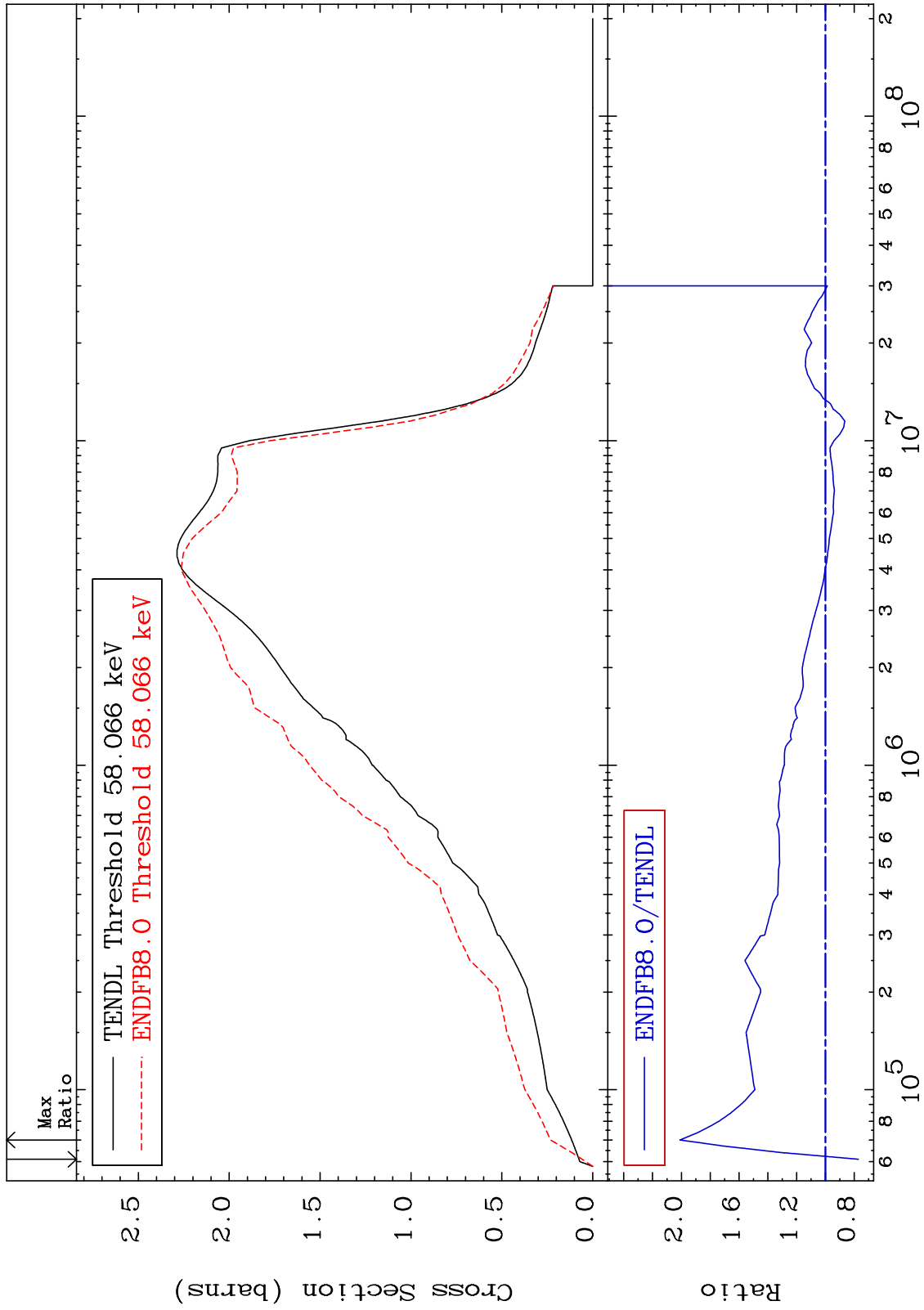
Elastic

53-I -127

Cross Section

-94.04 To 1993. %





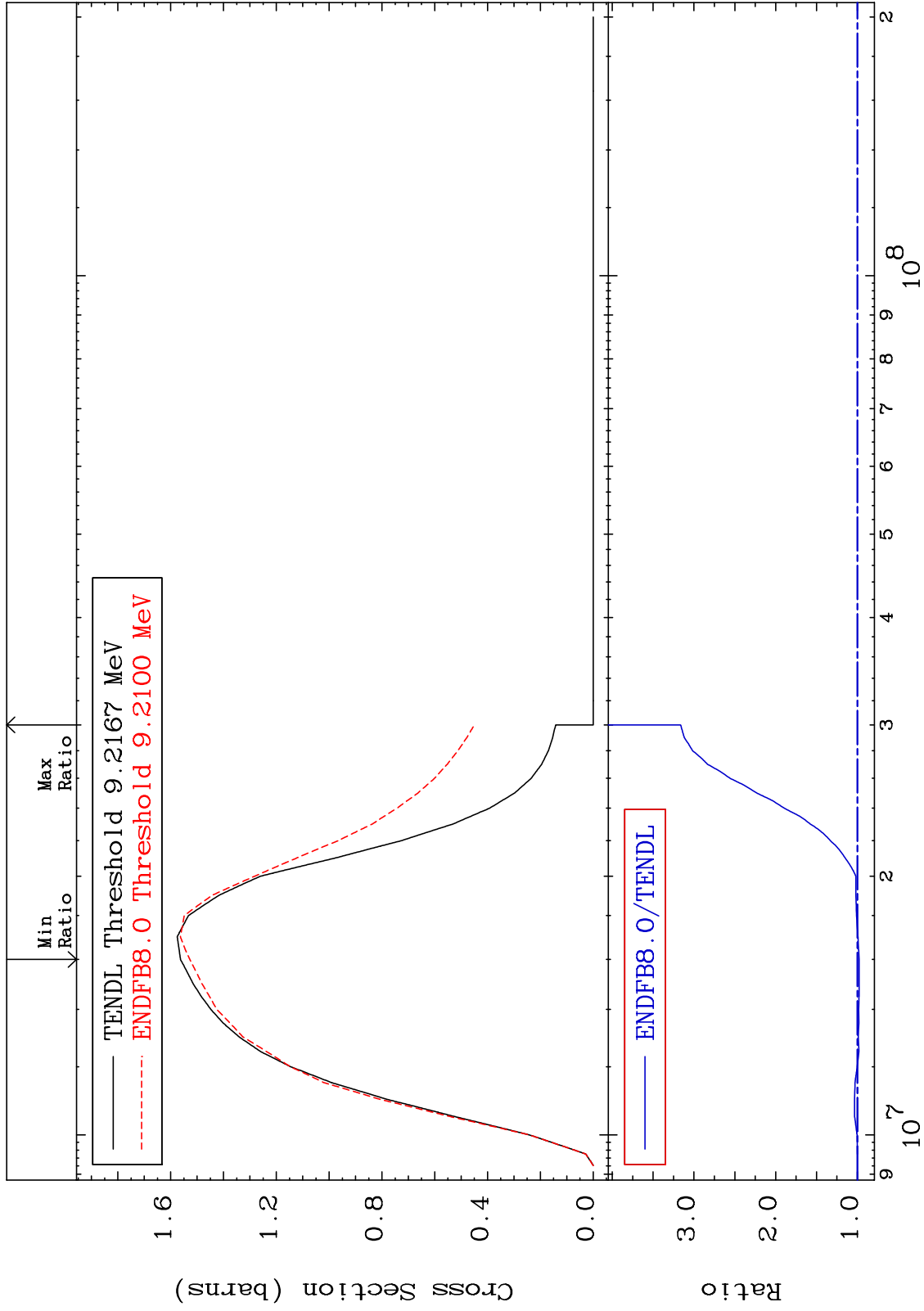
MAT 5325

(n,2n)

53-I -127

Cross Section

-2.254 To 216.3 %

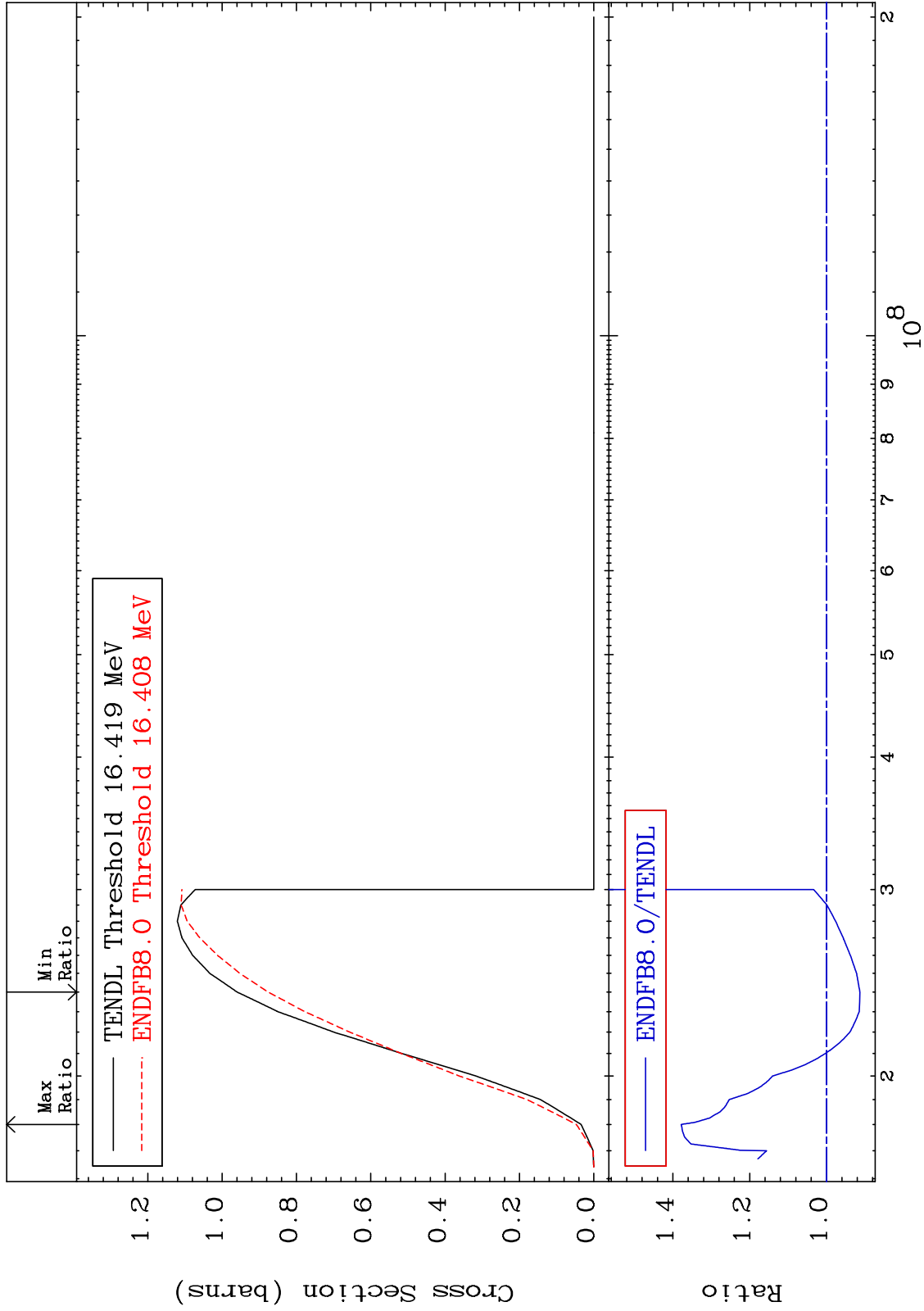


Incident Energy (eV)

53-I -127

Cross Section

-8.690 To 37.81 %



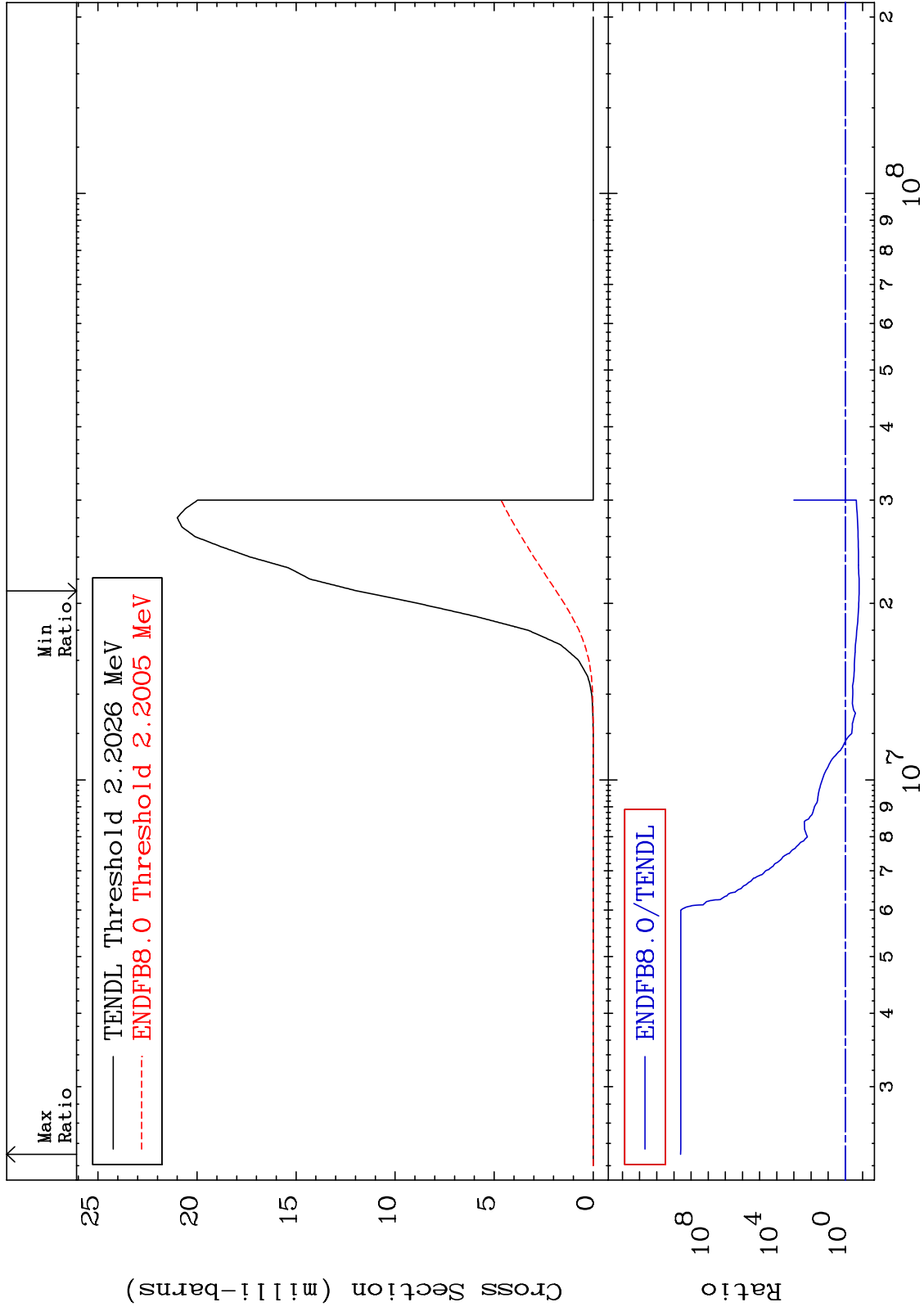
MAT 5325

(n,n')  $\alpha$

53-I -127

Cross Section

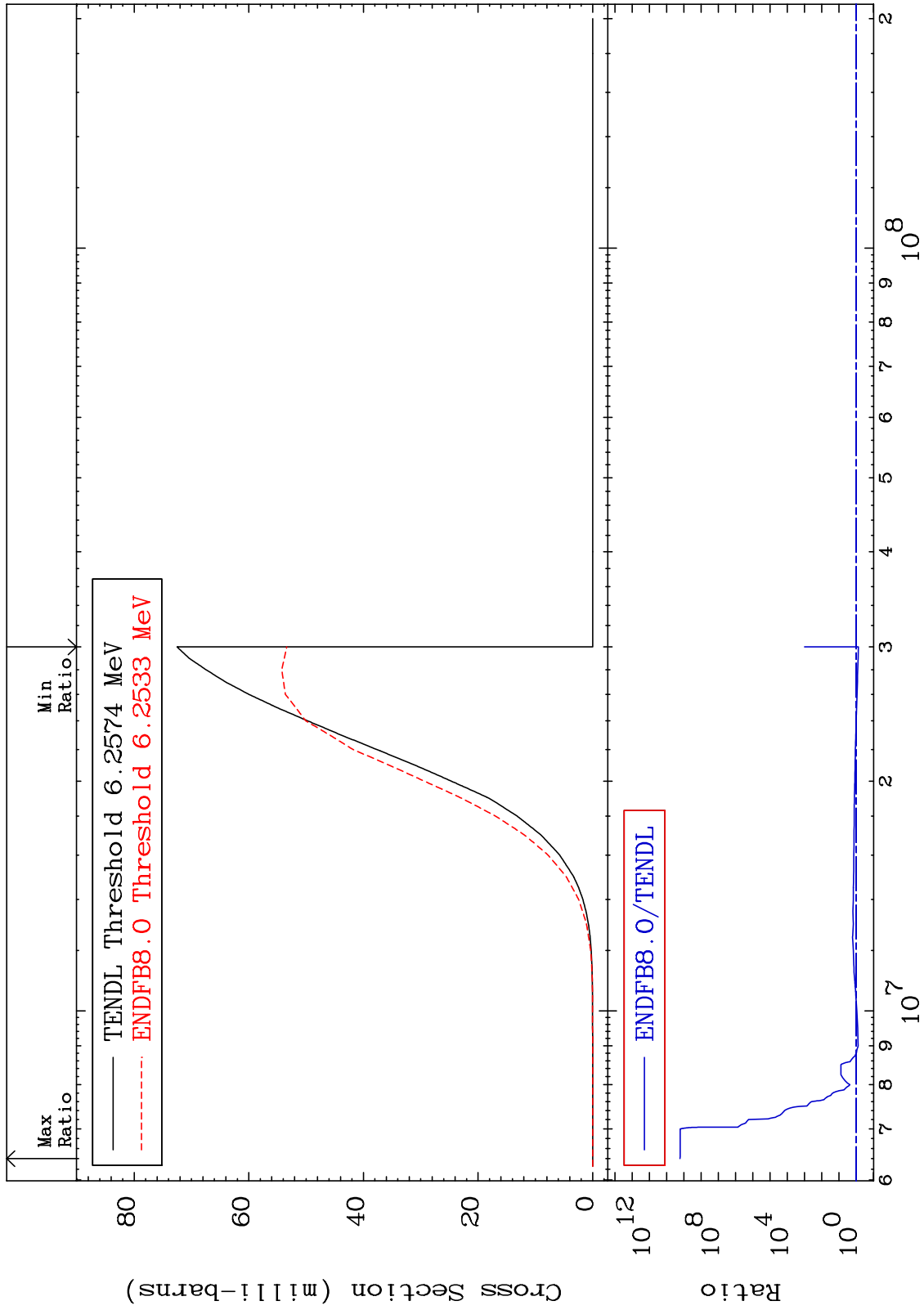
-84.32 To 9999. %



MAT 5325

(n,n') p  
Cross Section

53-I -127  
-26.39 To 9999. %



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Incident Energy (eV)

53-I -127



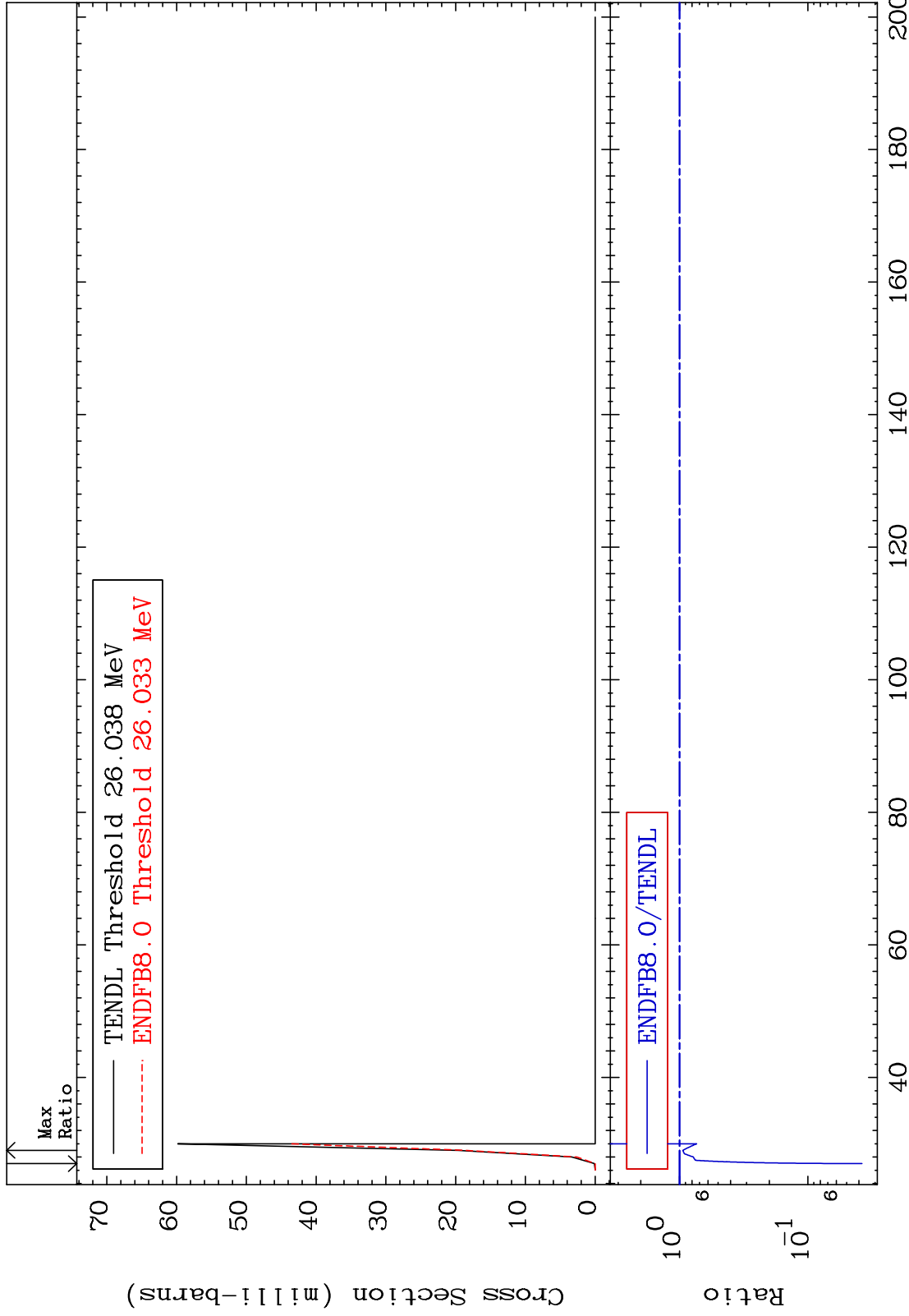
MAT 5325

(n, 4n)

53-I -127

Cross Section

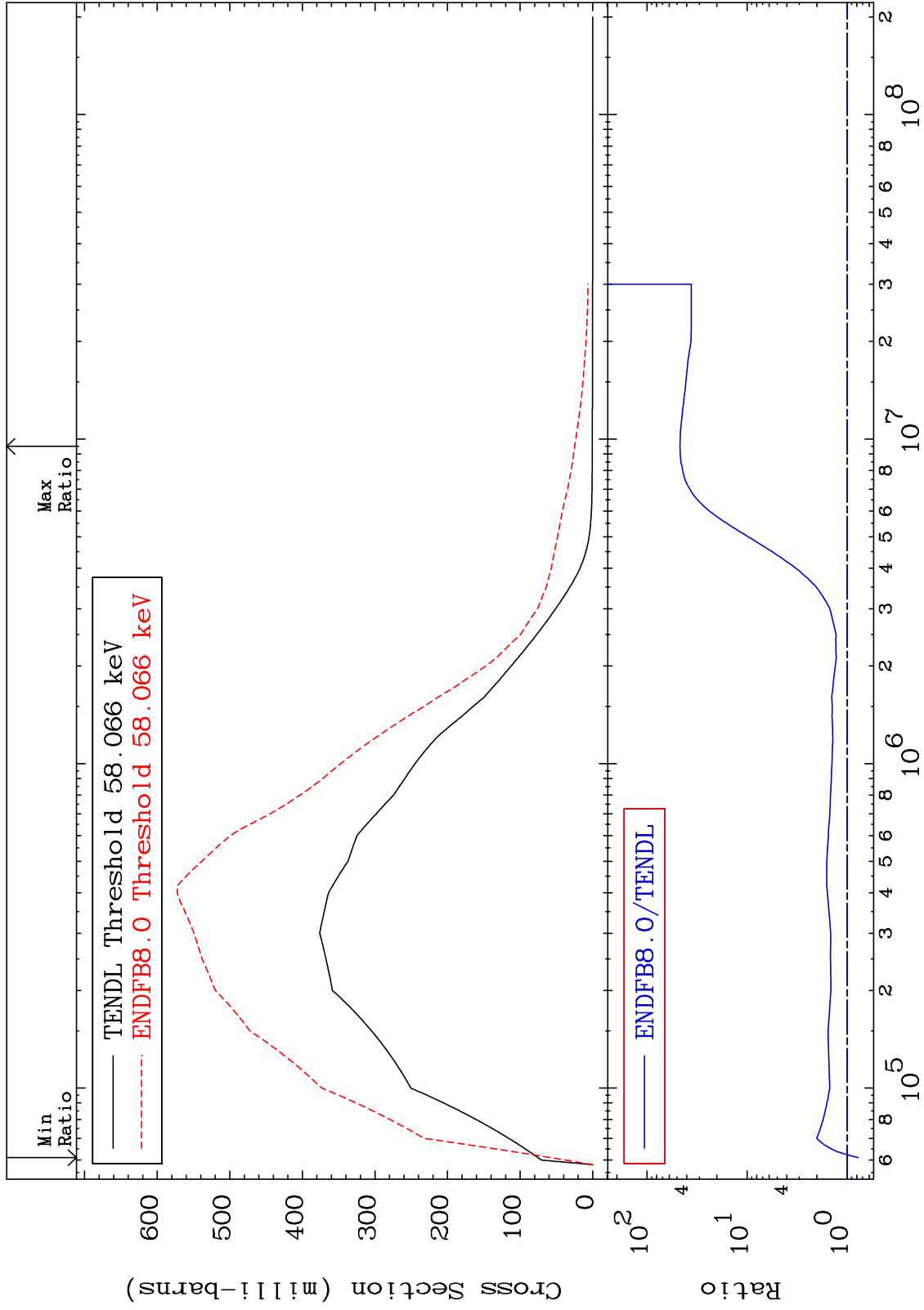
-96.21 To -5.872%



MAT 5325

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

53-I -127  
-22.96 To 4576. %



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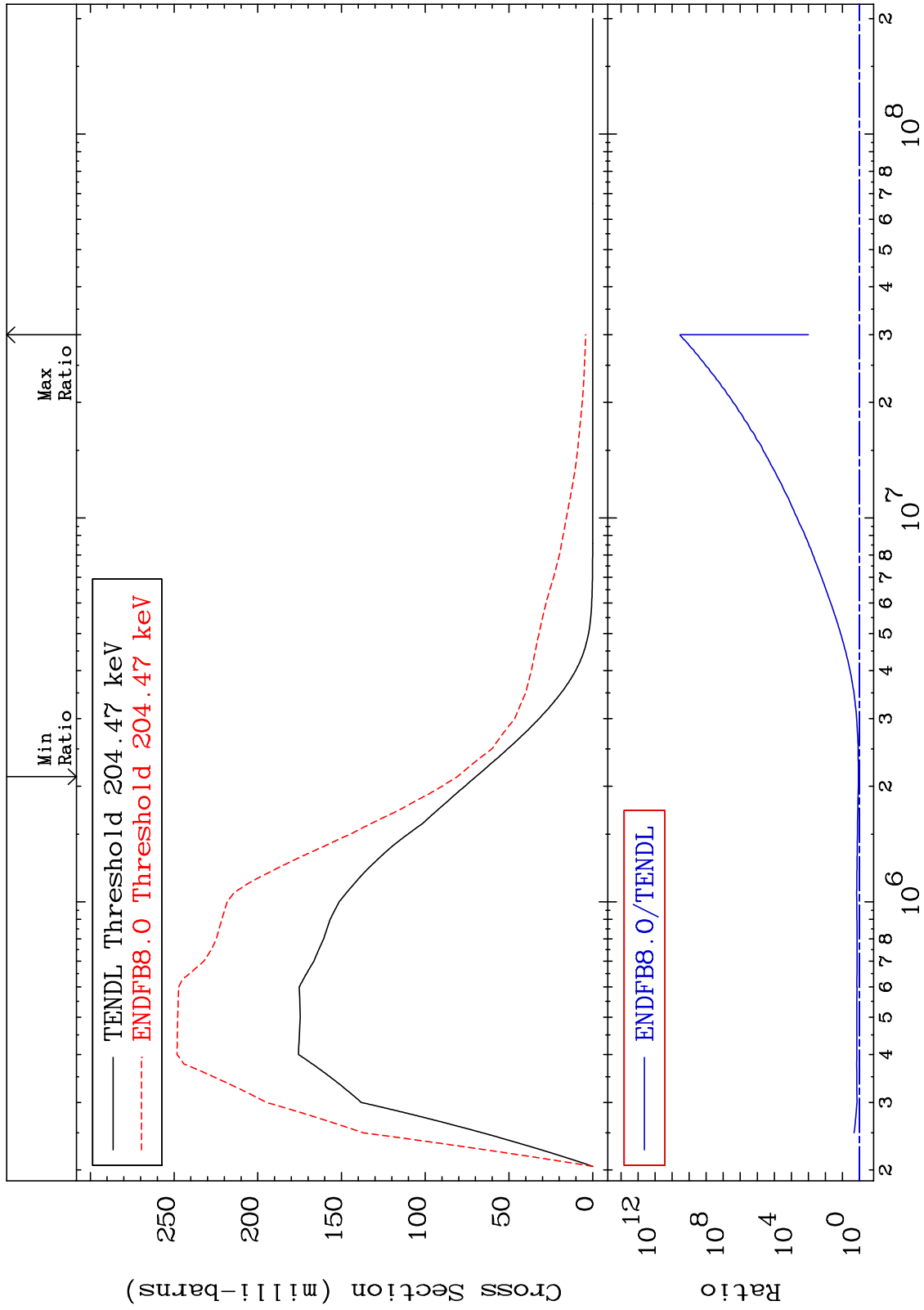
Incident Energy (eV)

53-I -127

MAT 5325

MT= 52 (n,n') Level  
Cross Section

53-I -127  
15.77 To 9999. %



10

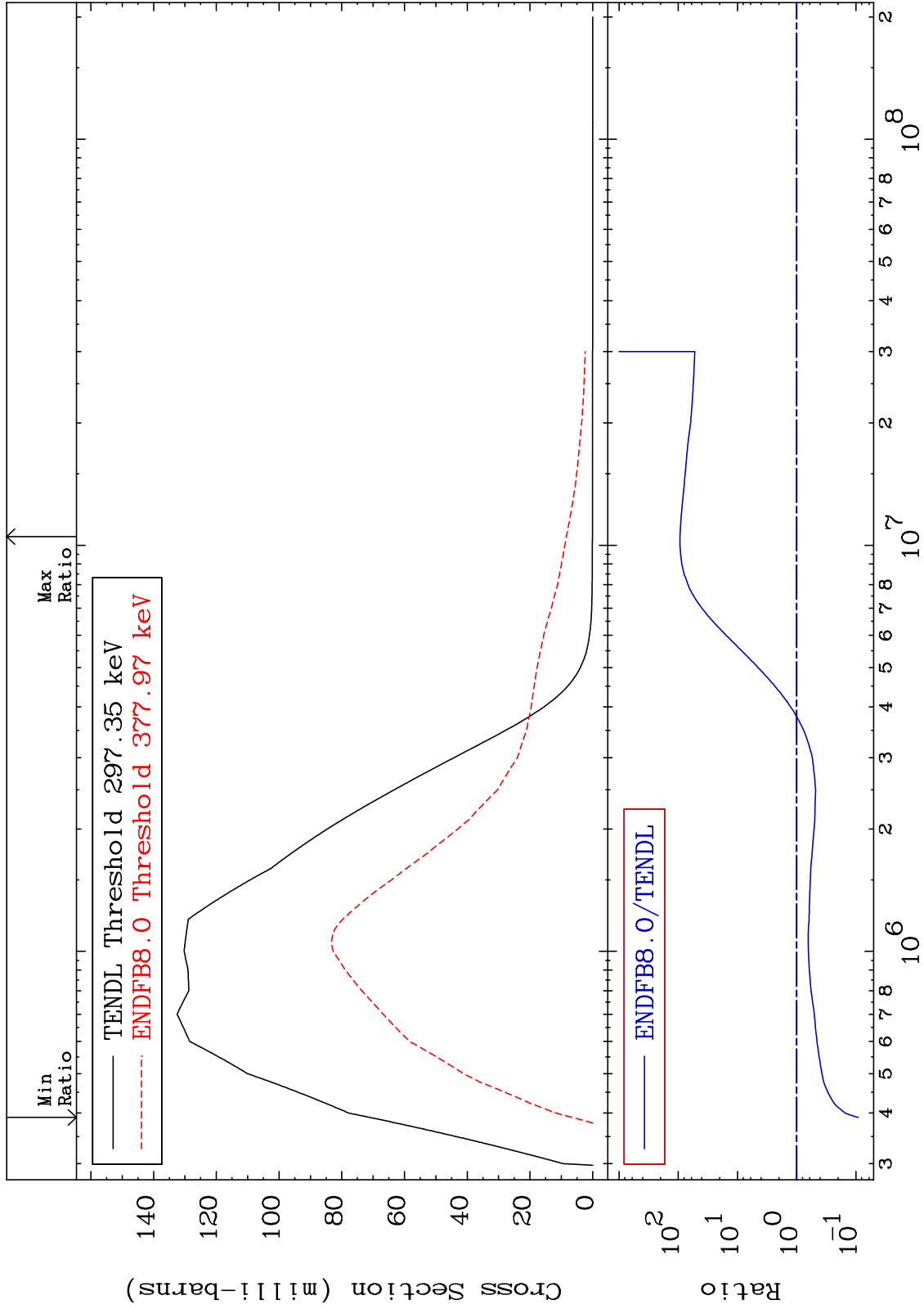
Incident Energy (eV)

53-I -127

MAT 5325

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

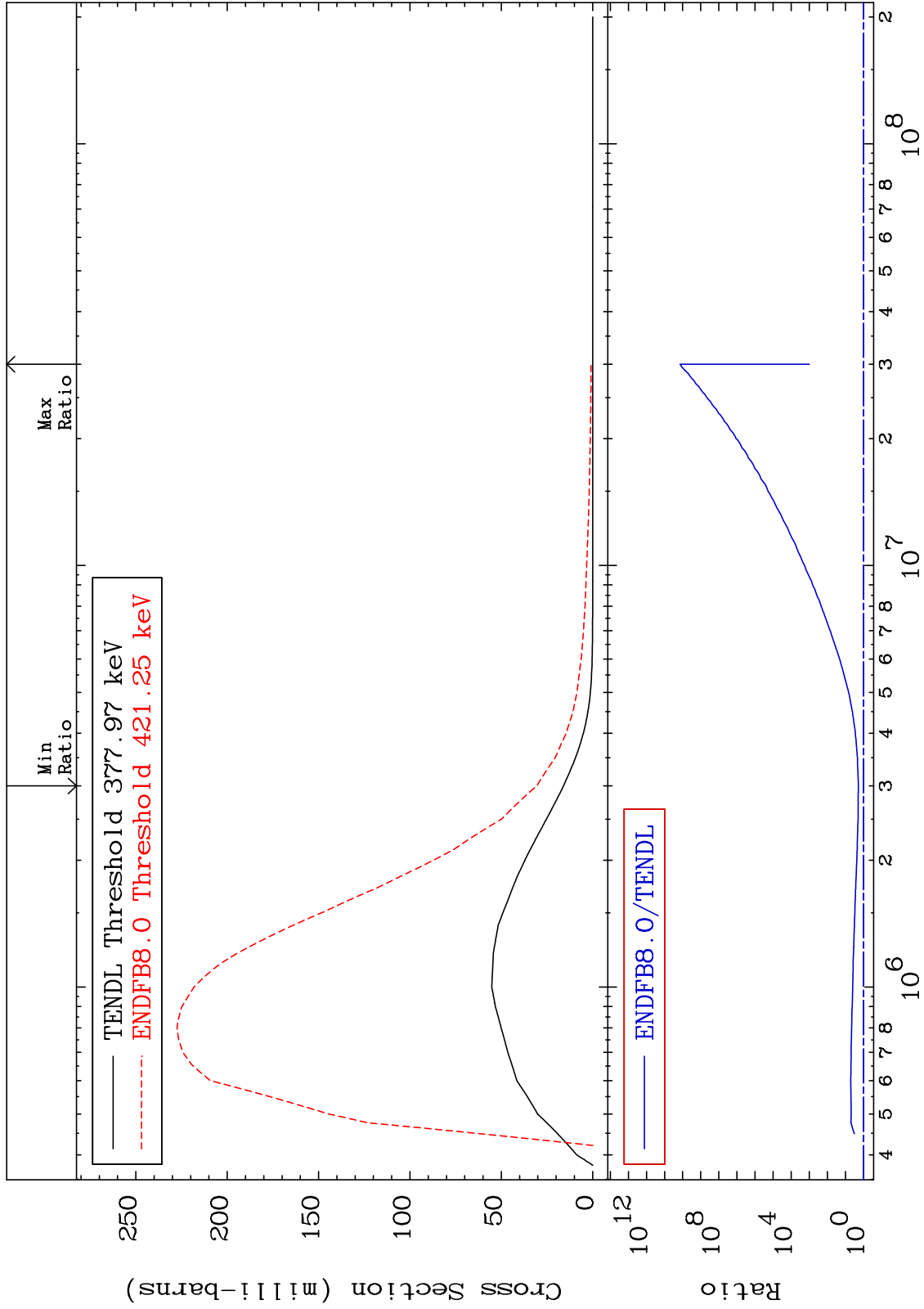
53-I -127  
-90.93 To 9249. %



MAT 5325

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

53-I -127  
91.33 To 9999. %

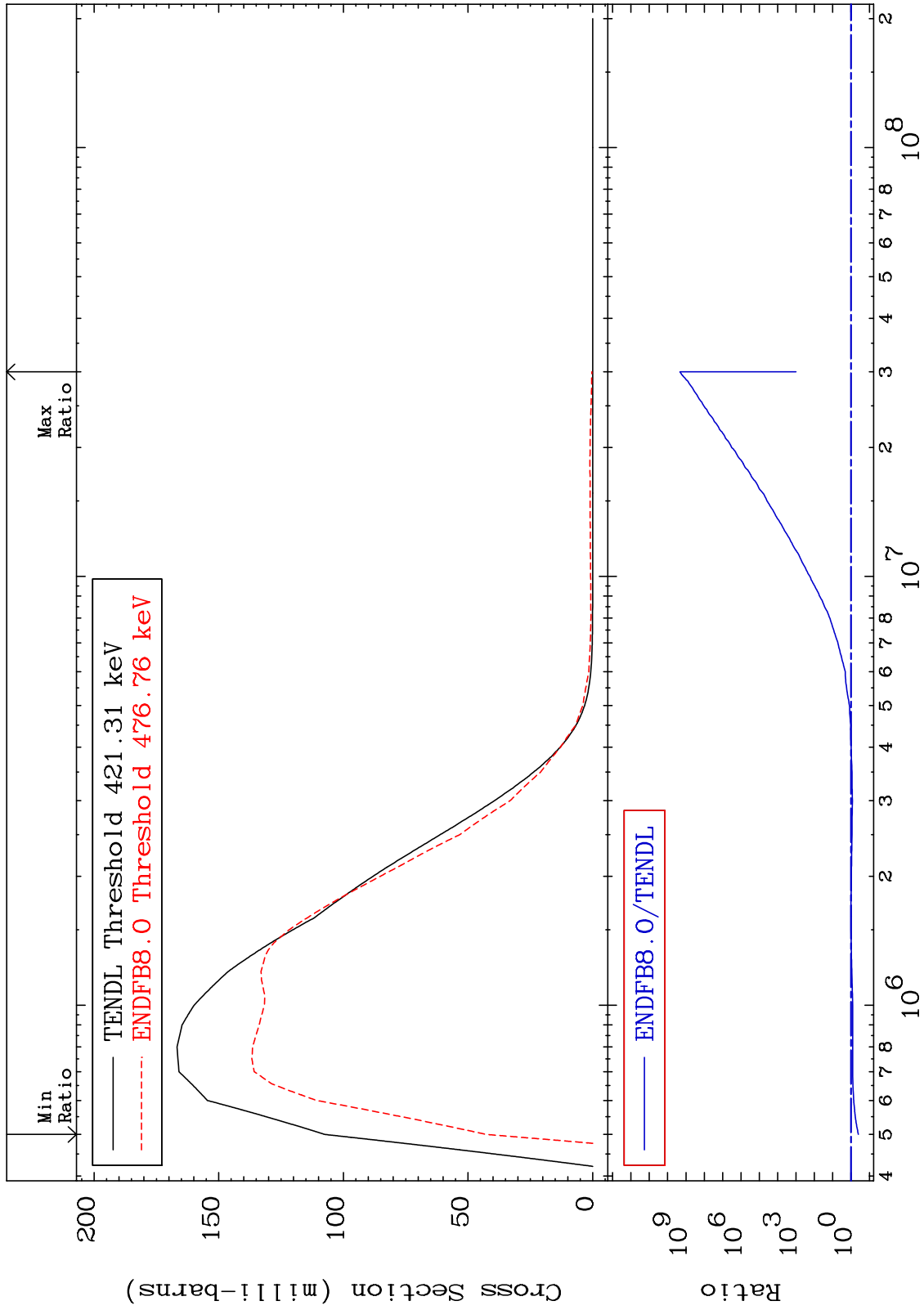


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Incident Energy (eV)

53-I -127

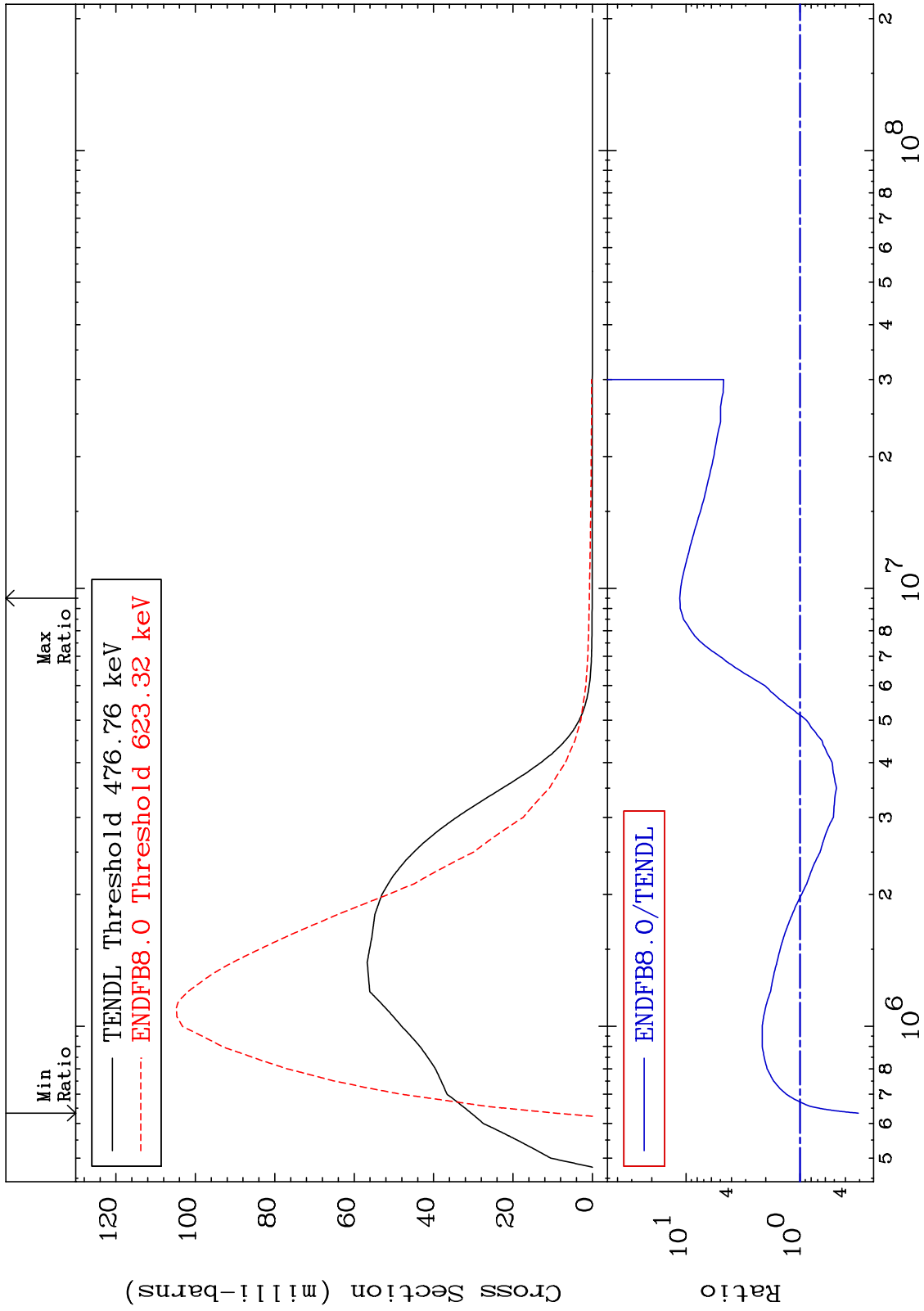
MAT 5325 MT= 55 (n,n') Level Cross Section 53-I -127  
 -60.30 To 9999. %



MAT 5325

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

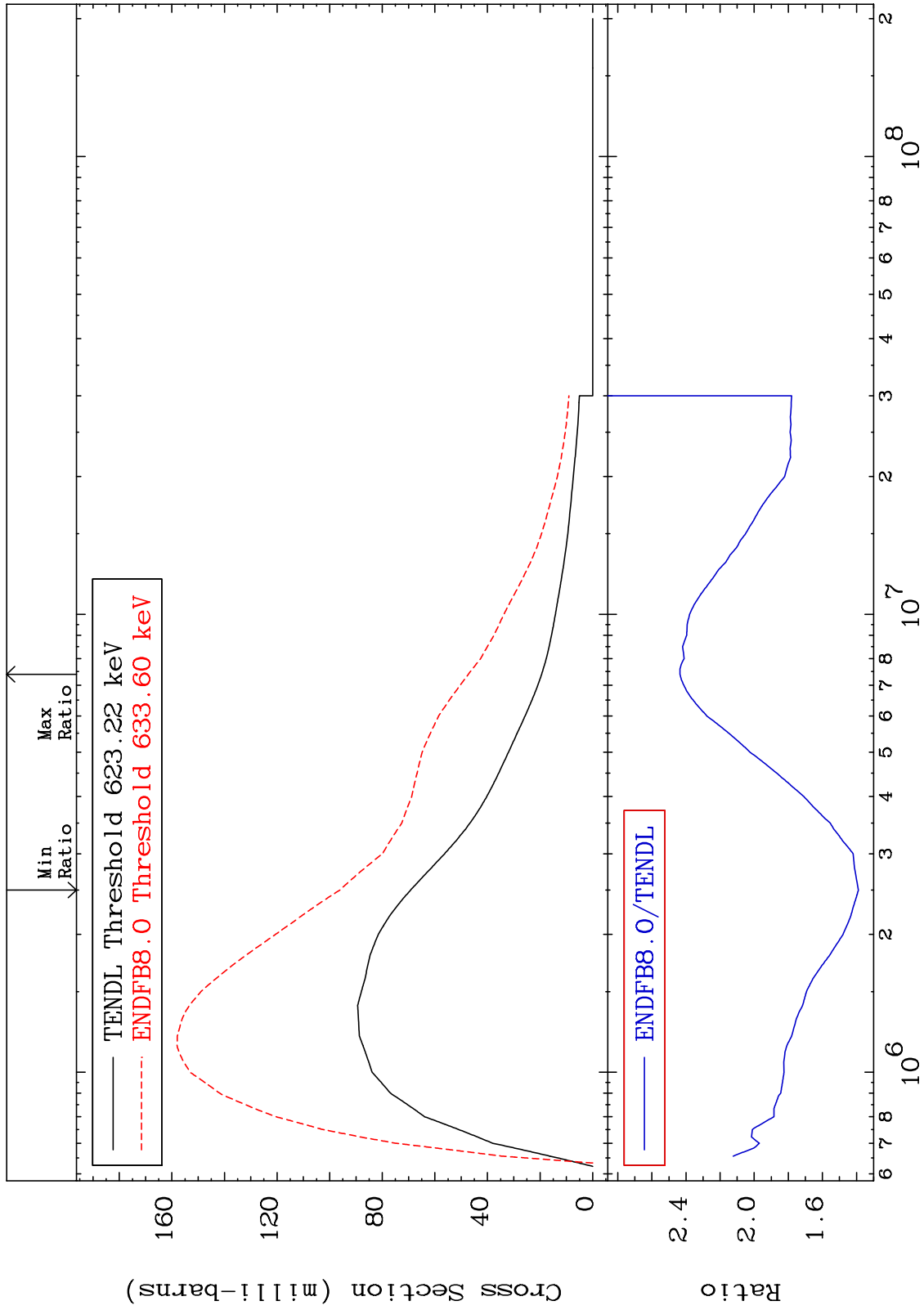
53-I -127  
-69.26 To 1037. %



MAT 5325

MT= 57 (n,n') Level  
Cross Section

53-I -127  
38.89 To 143.5 %



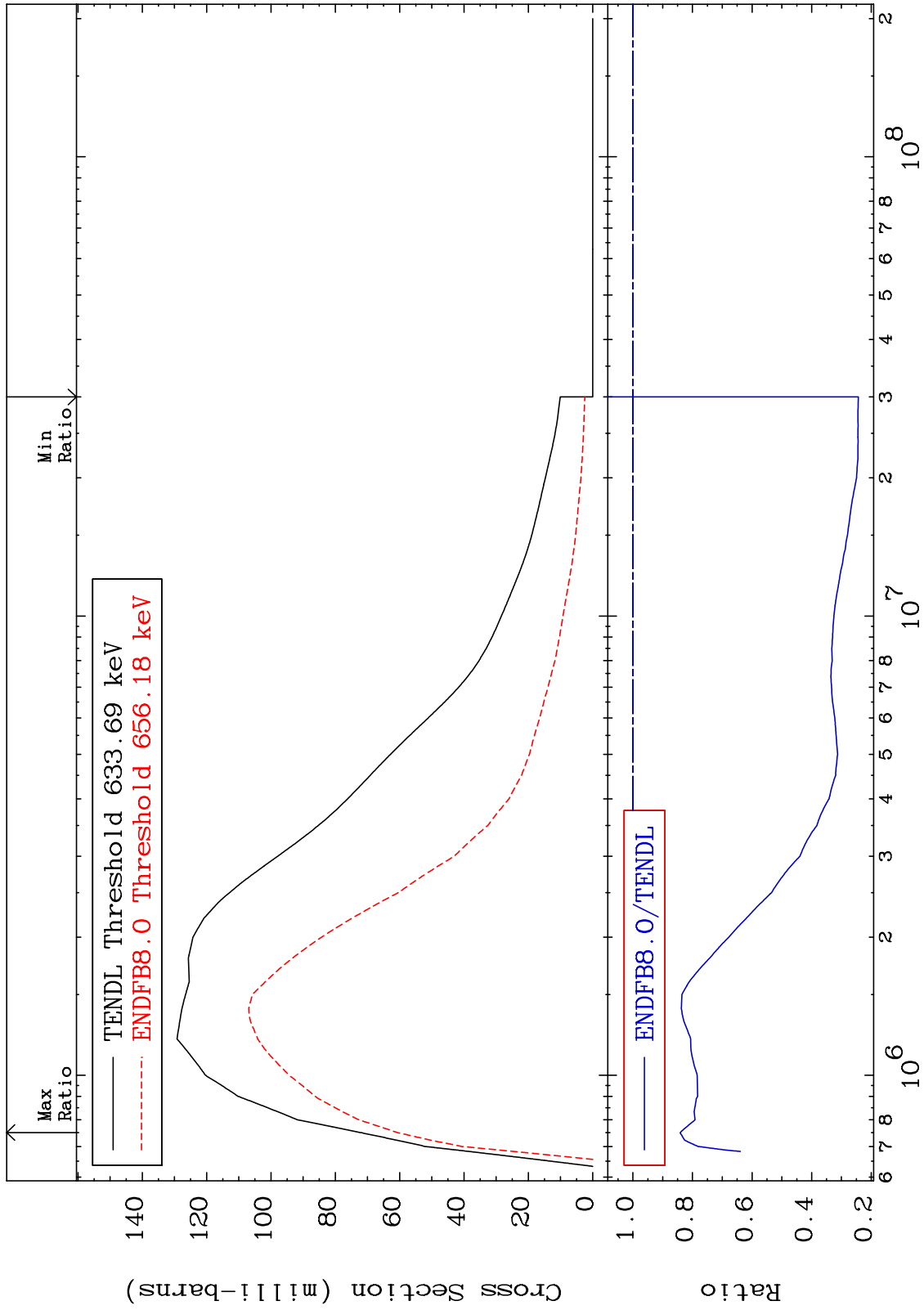
15

Incident Energy (eV)

53-I -127



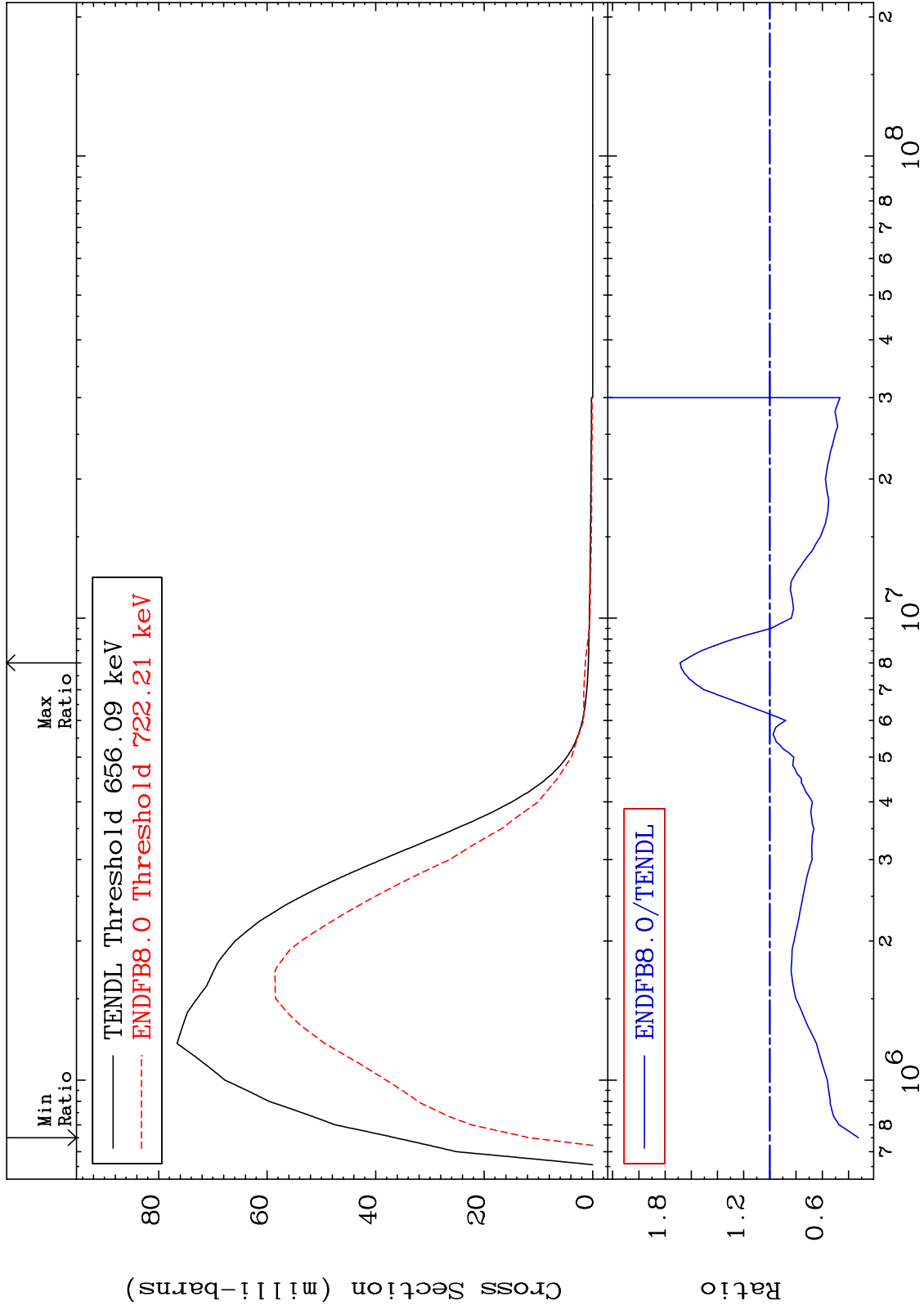
MAT 5325 MT= 58 (n,n') Level Cross Section 53-I -127  
 -75.70 To -15.82%



MAT 5325

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

53-I -127  
-67.57 To 68.58 %



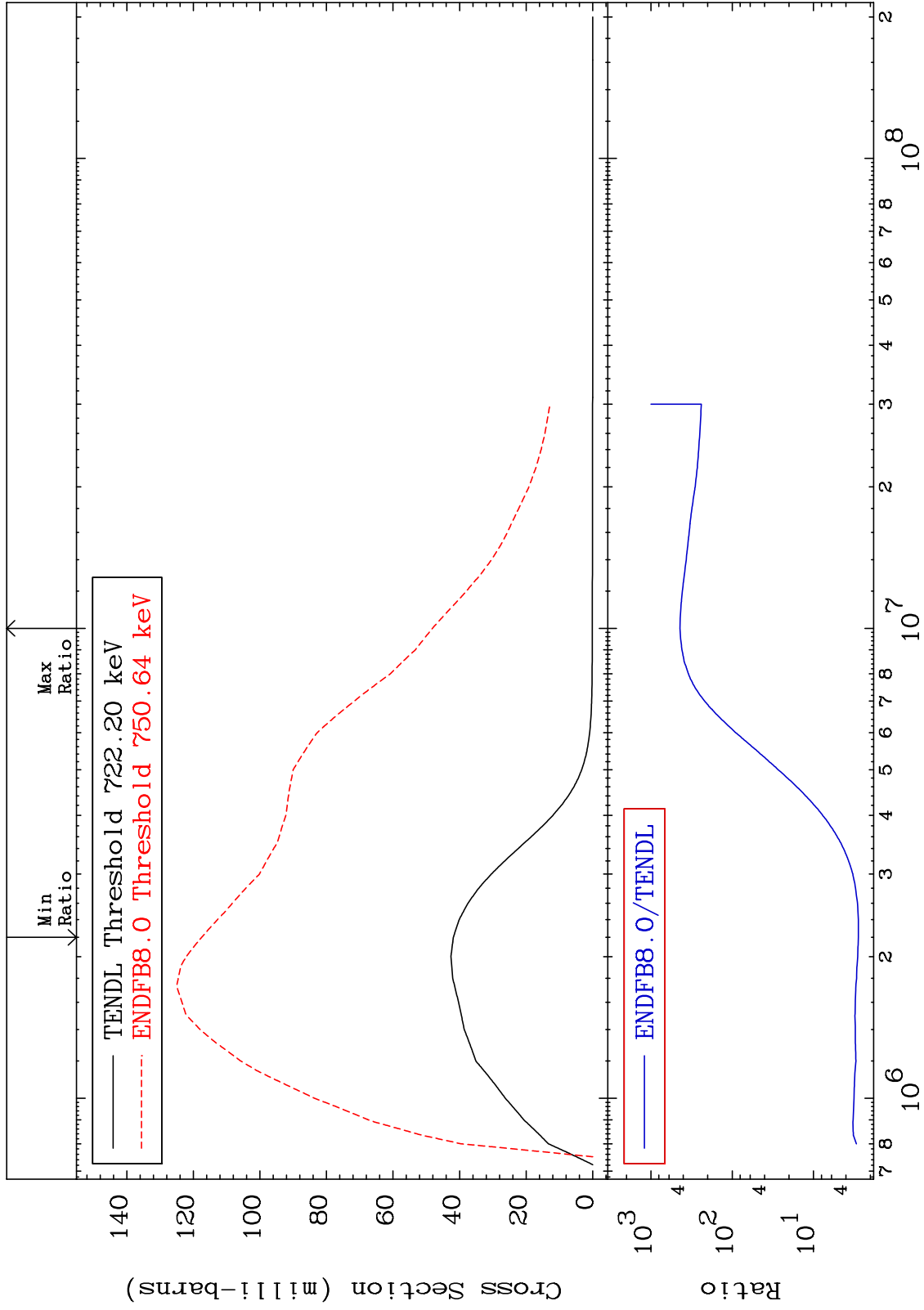
17

53-I -127

MAT 5325

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

53-I -127  
180.6 To 9999. %



18

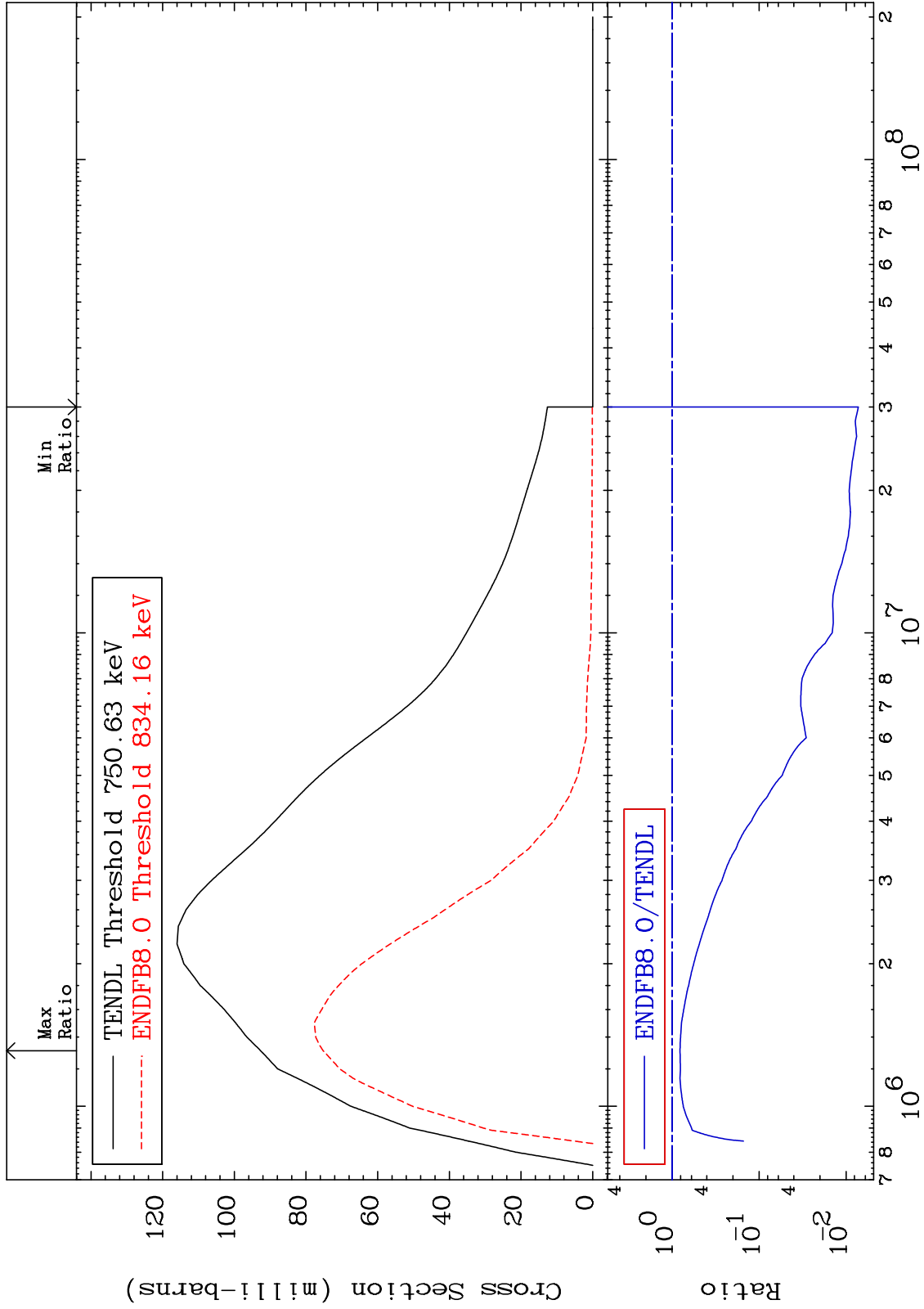
Incident Energy (eV)

53-I -127

MAT 5325

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

53-I -127  
-99.28 To -18.85%



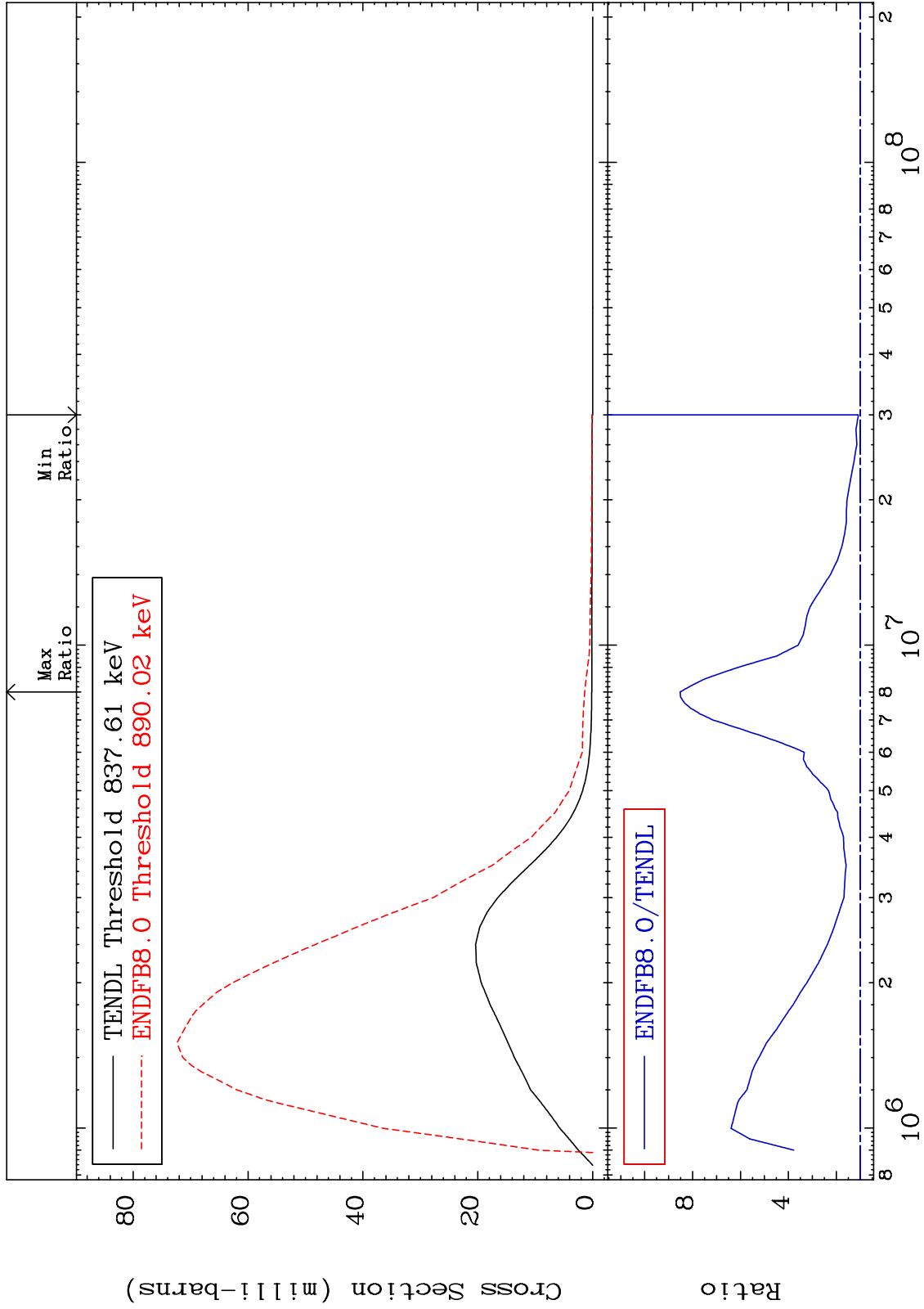
19

53-I -127

MAT 5325

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

53-I -127  
7.645 To 752.6 %

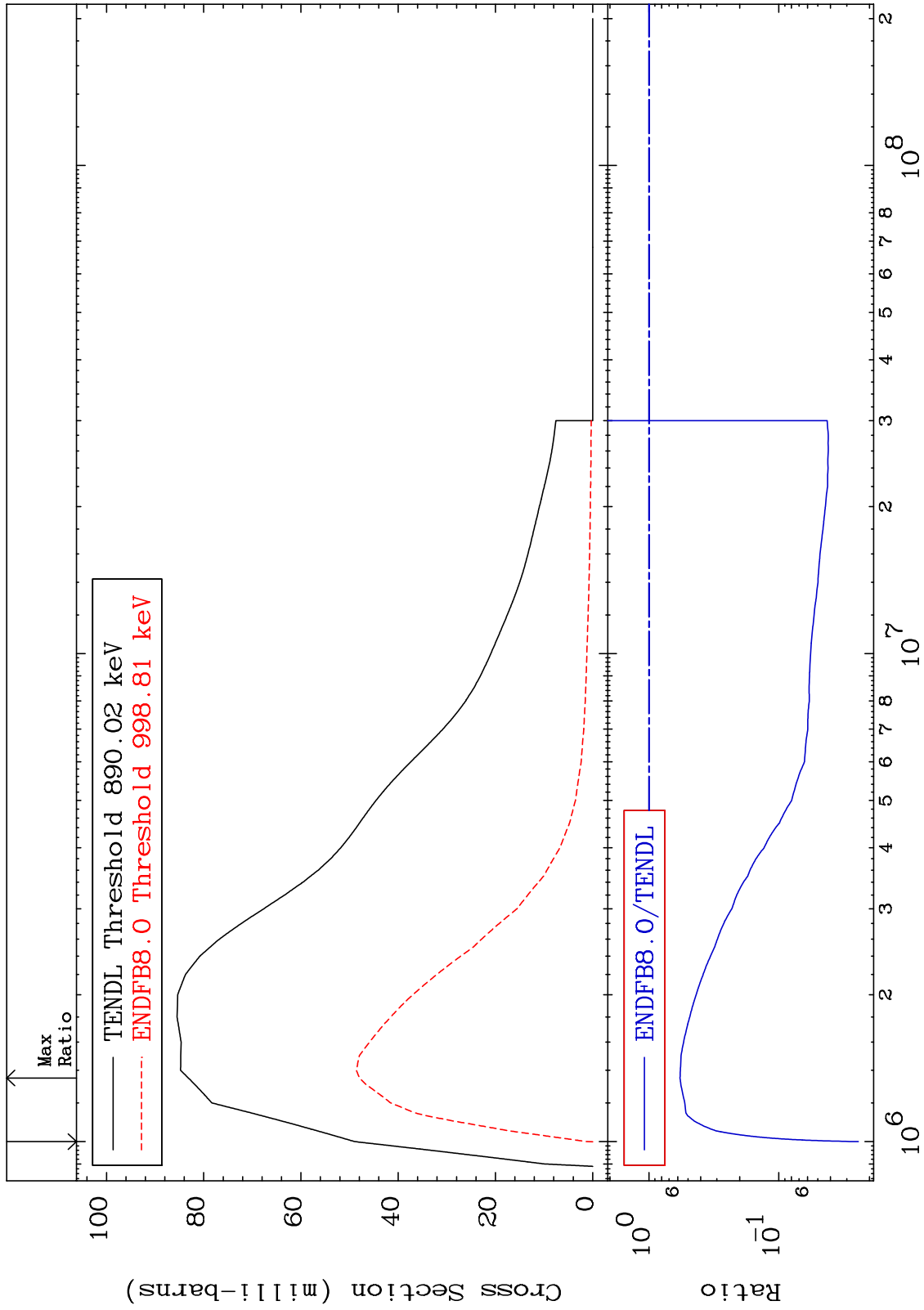


20 Incident Energy (eV) 53-I -127

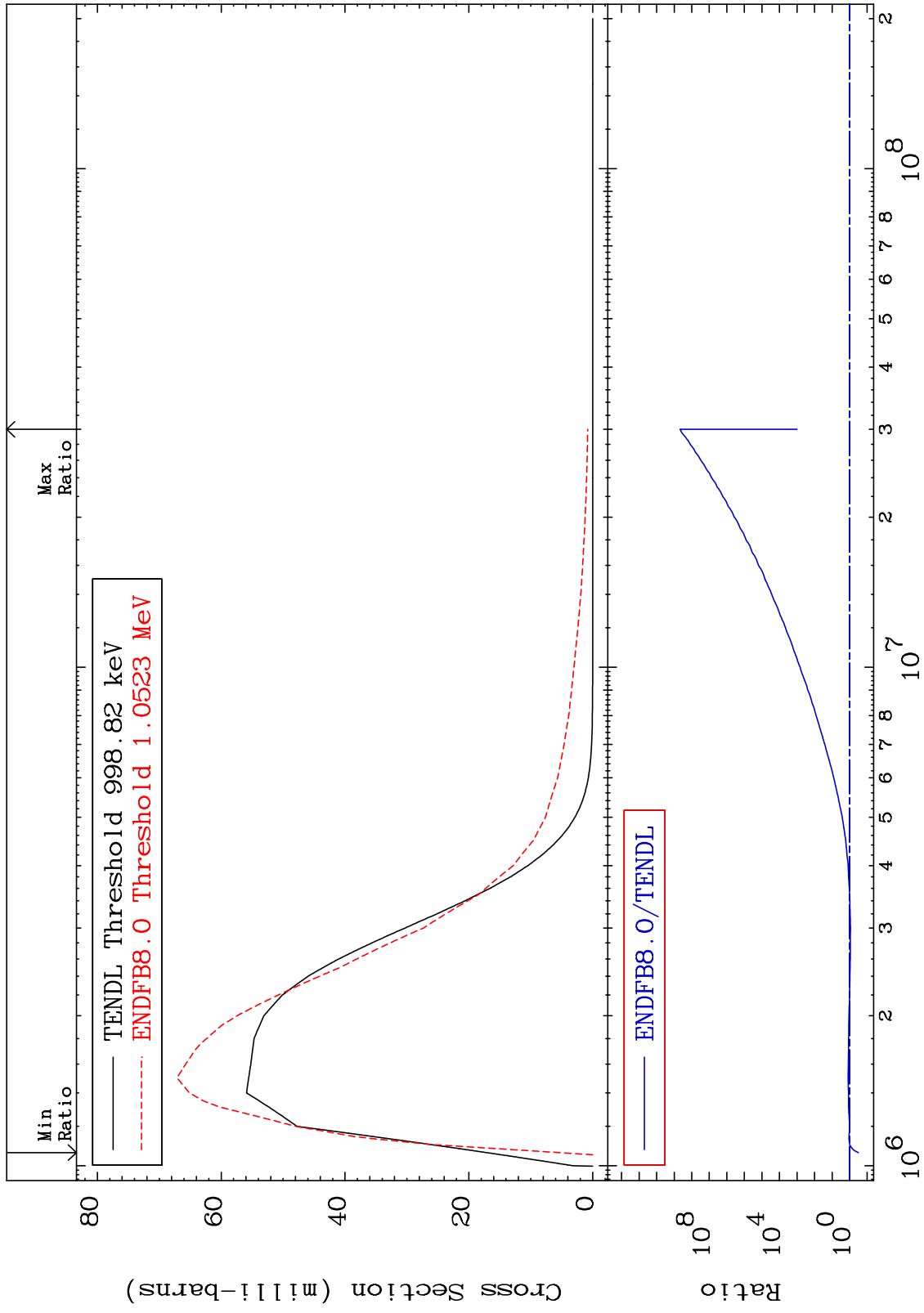
MAT 5325

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

53-I -127  
-97.56 To -42.30%



MAT 5325 MT= 64 (n,n') Level Cross Section 53-I -127  
 -68.35 To 9999. %

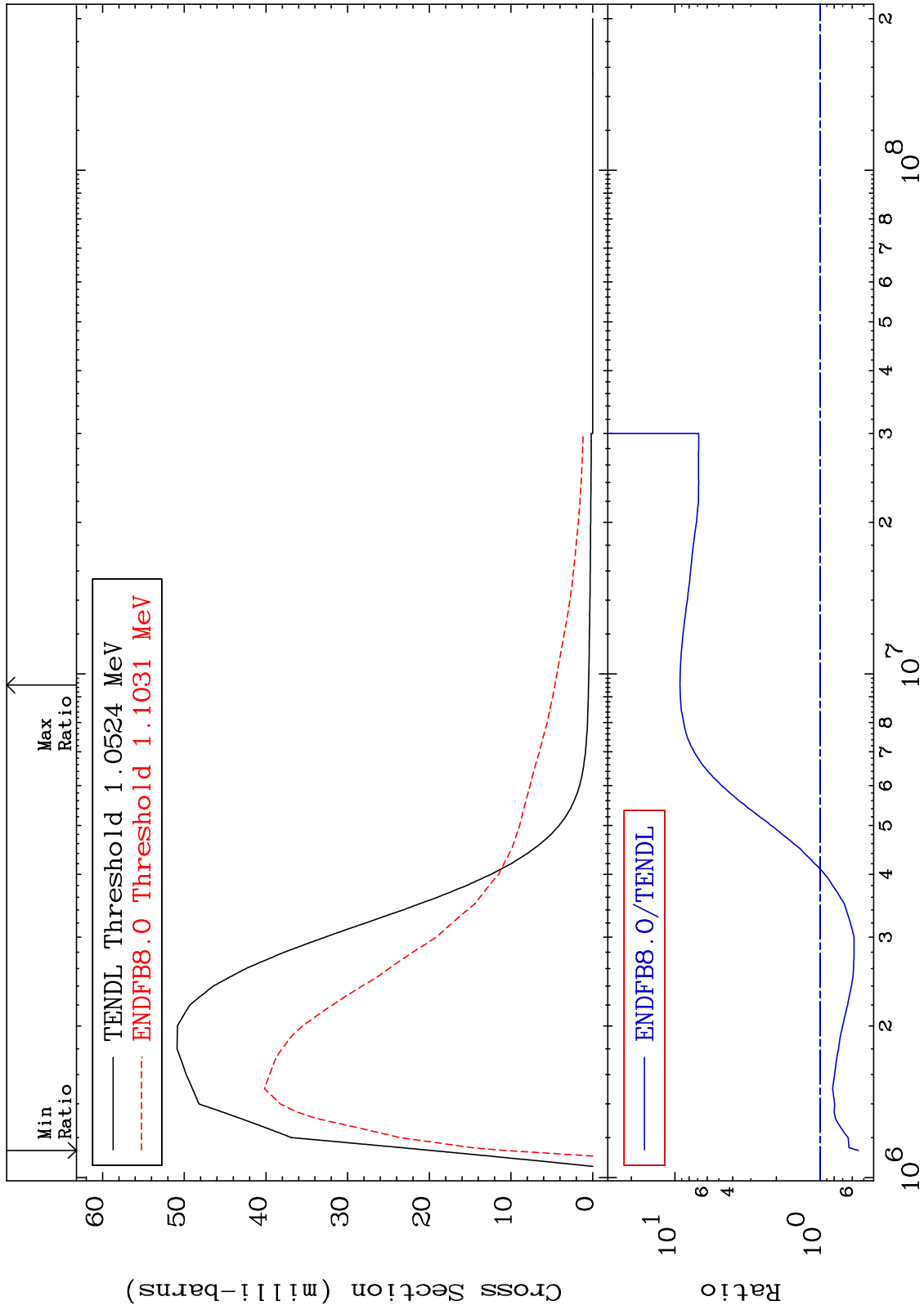


22 Incident Energy (eV) 53-I -127

MAT 5325

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

53-I -127  
-45.58 To 824.0 %



23

Incident Energy (eV)

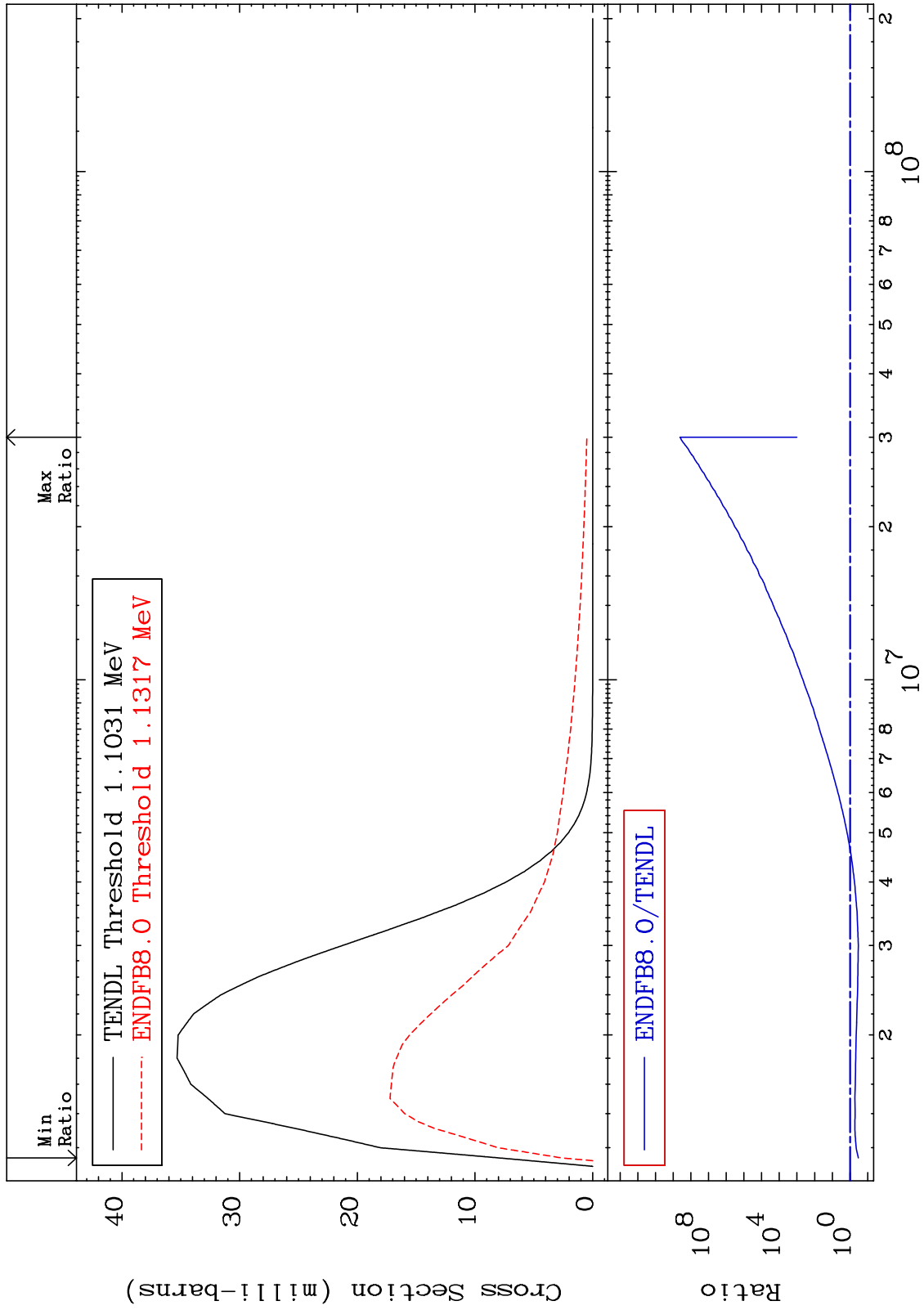
53-I -127



MAT 5325

MT= 66 (n,n') Level  
Cross Section

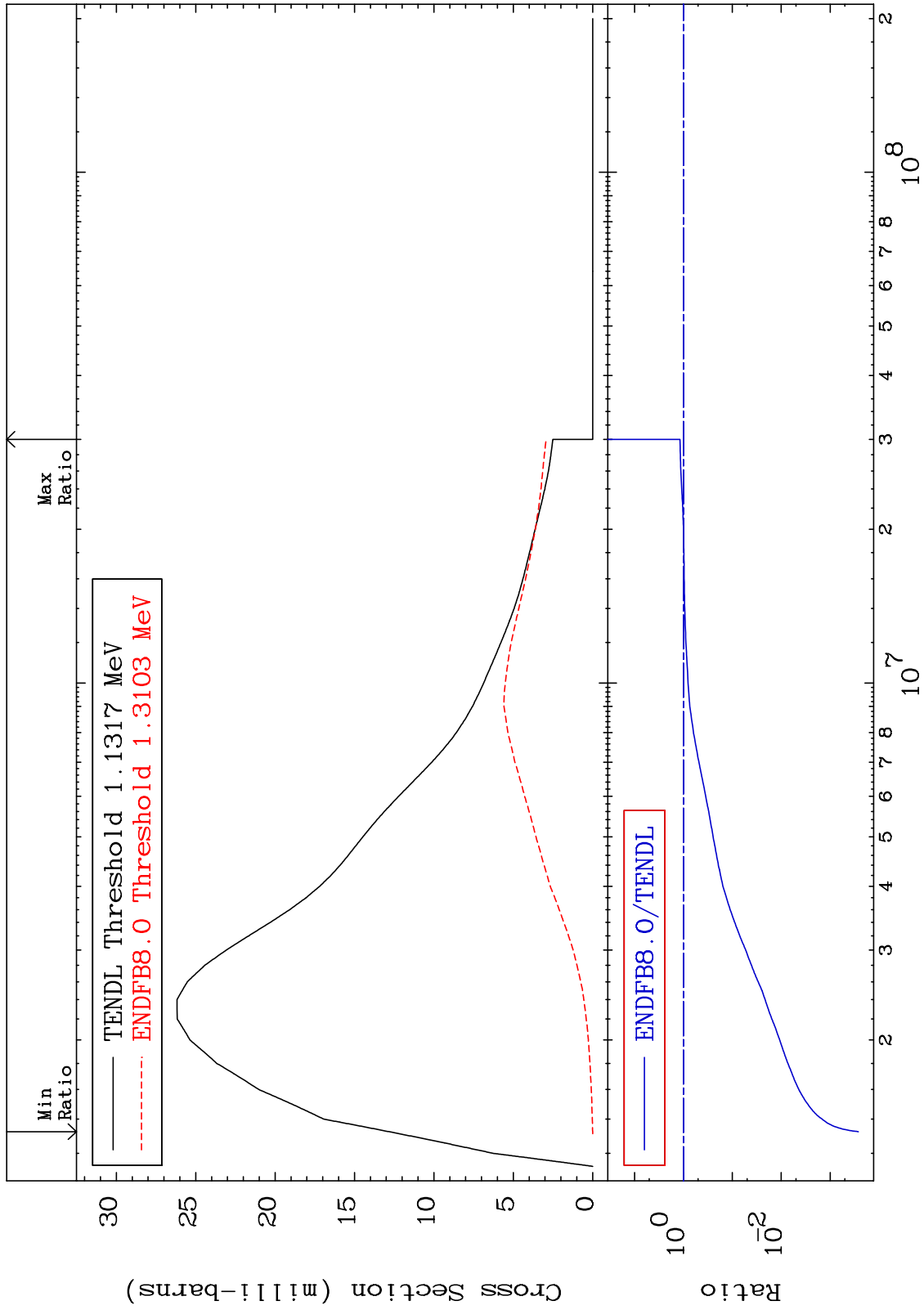
53-I -127  
-66.66 To 9999. %



MAT 5325

MT= 67 (n,n') Level  
Cross Section

53-I -127  
-99.97 To 17.25 %

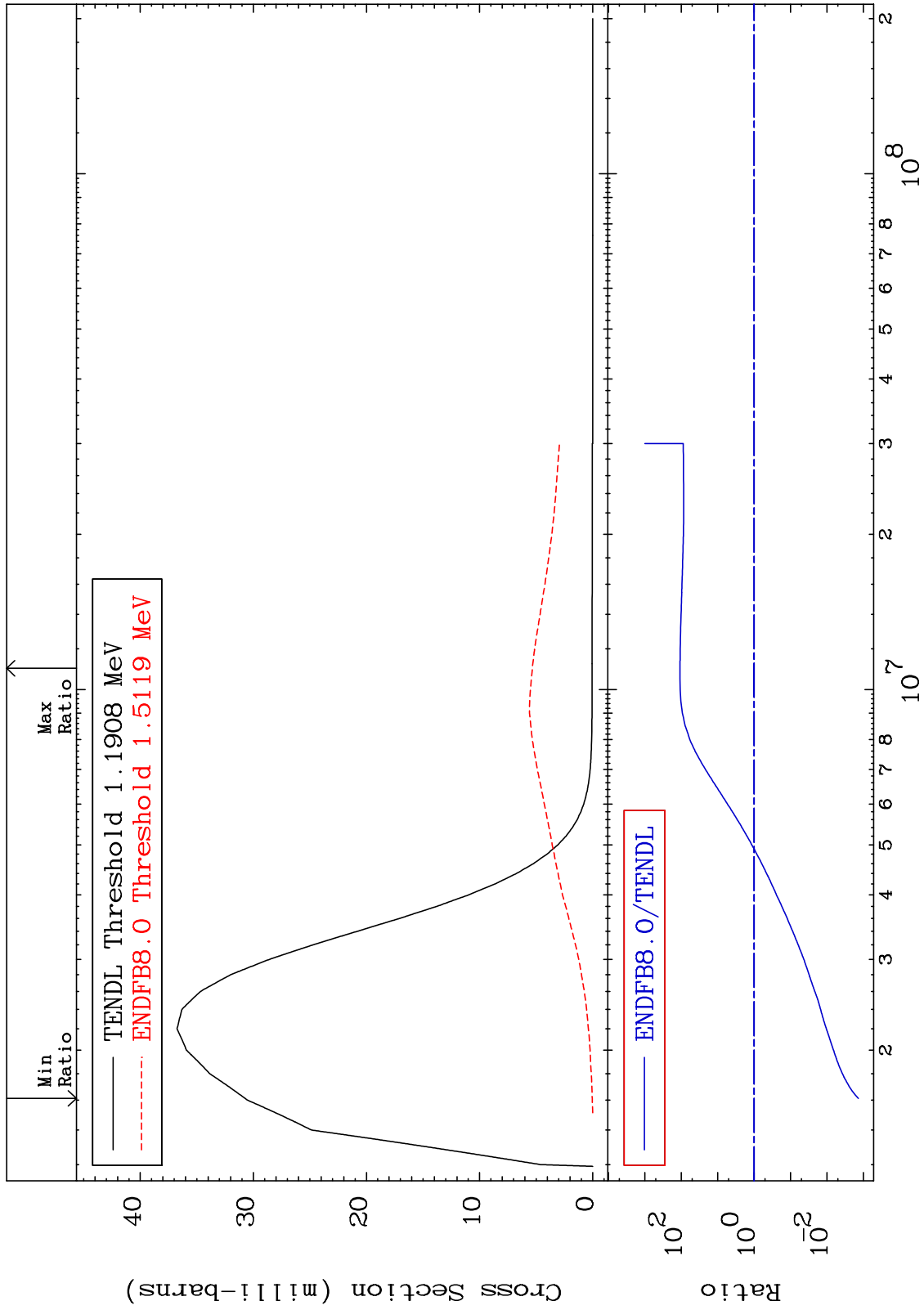


25

Incident Energy (eV)

53-I -127

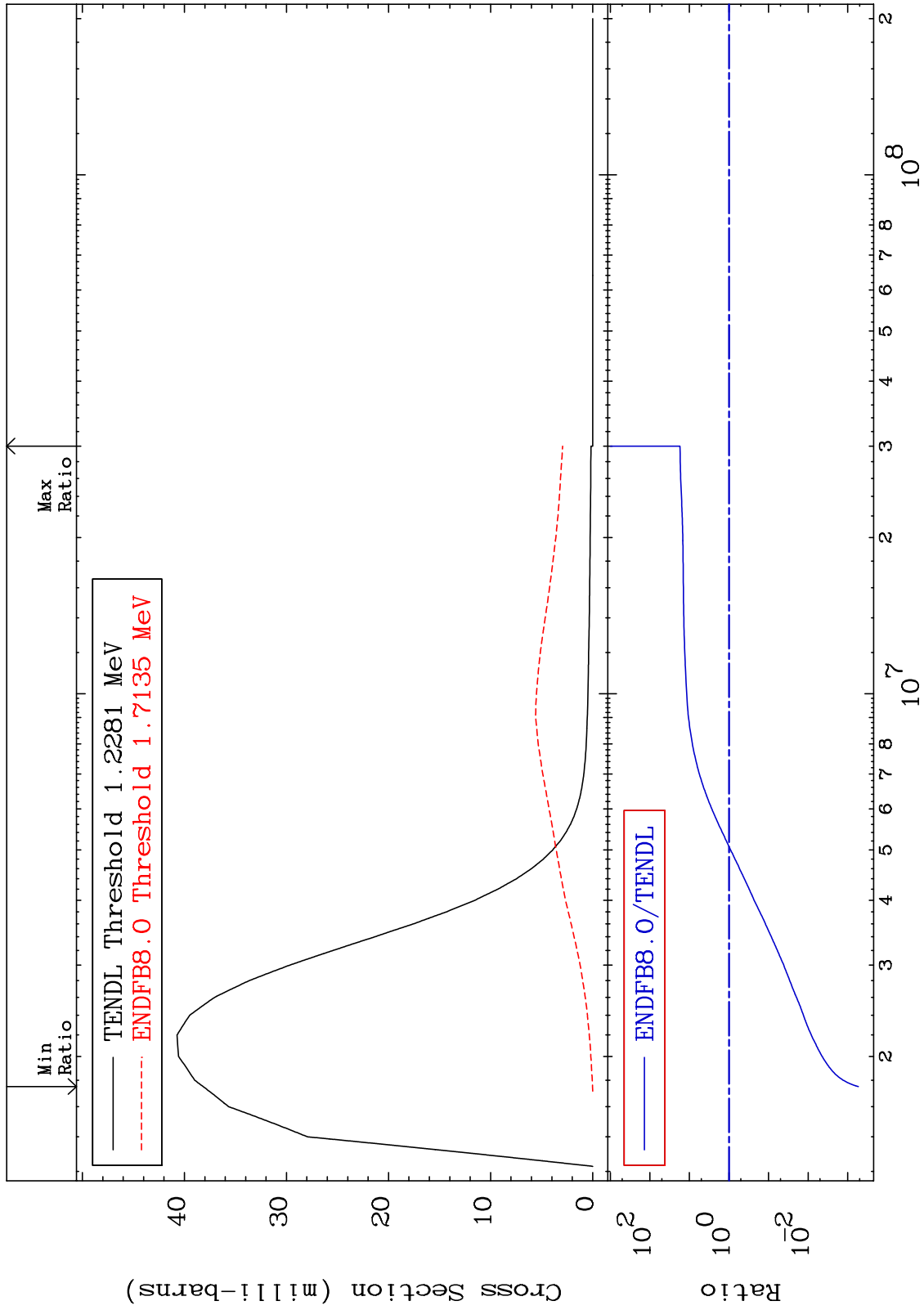
MAT 5325 MT= 68 (n,n') Level Cross Section 53-I -127  
 -99.86 To 9999. %



MAT 5325

MT= 69 (n,n') Level  
Cross Section

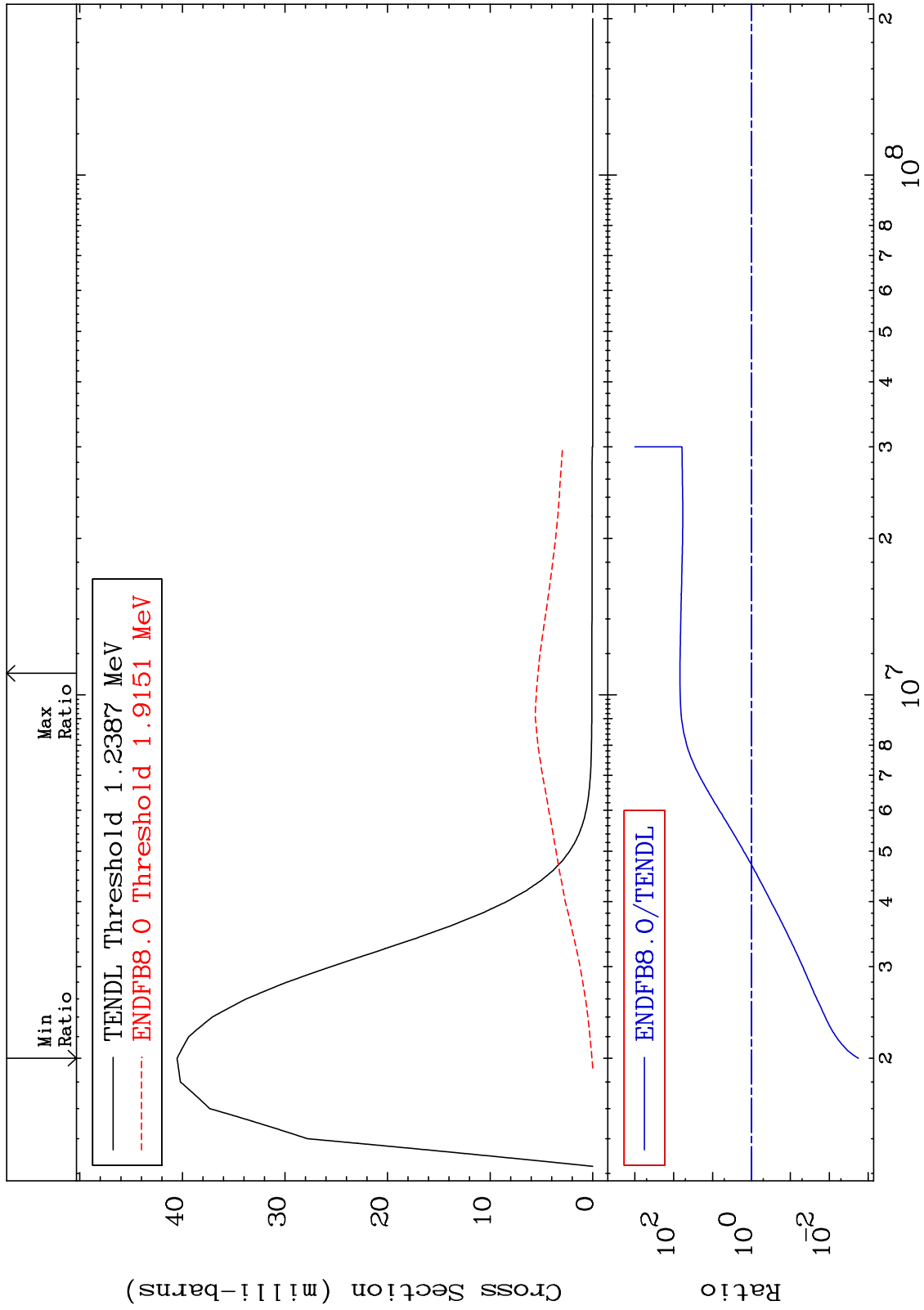
53-I -127  
-99.95 To 1628. %



MAT 5325

MT= 70 (n,n') Level  
Cross Section

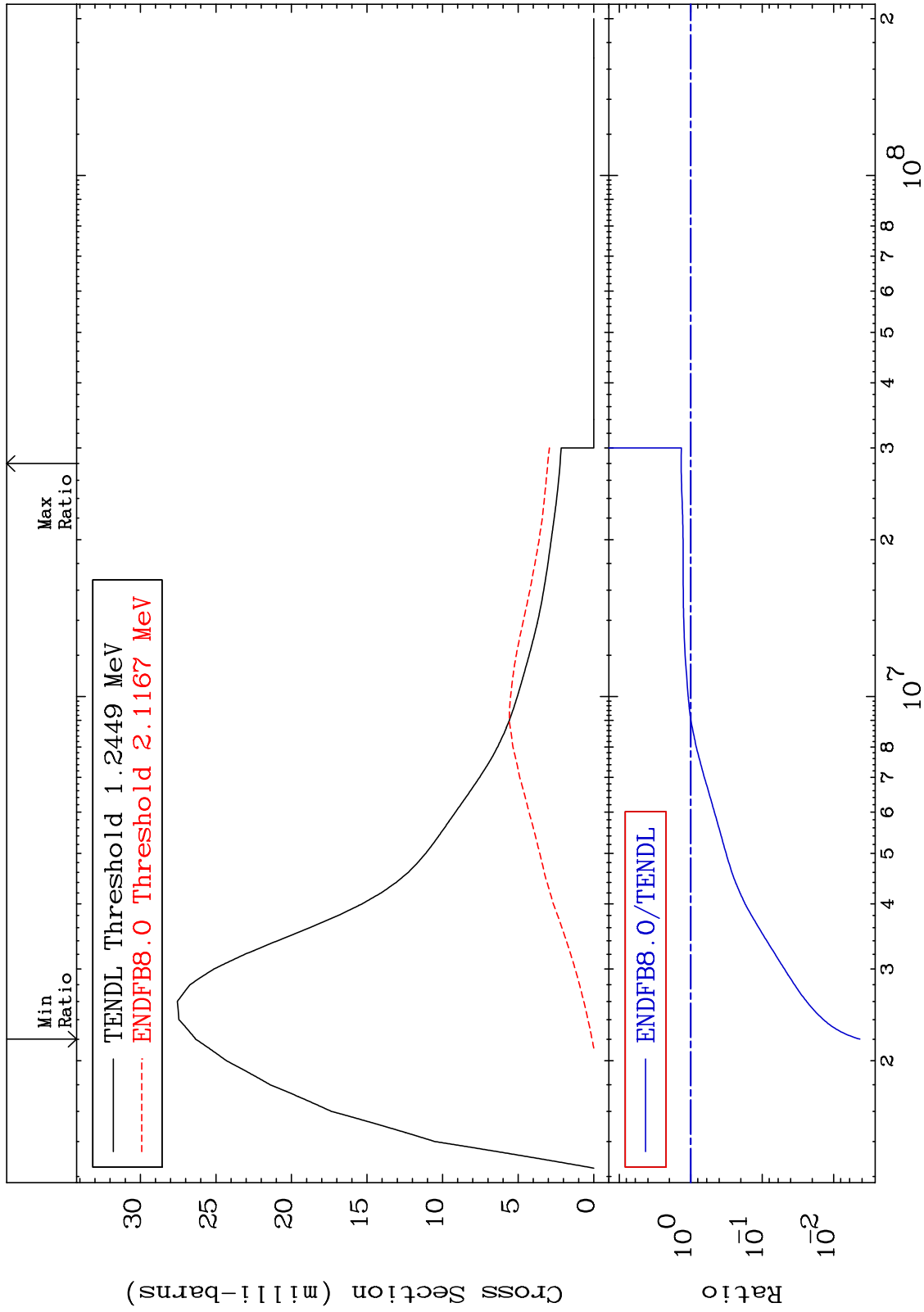
53-I -127  
-99.82 To 6781. %

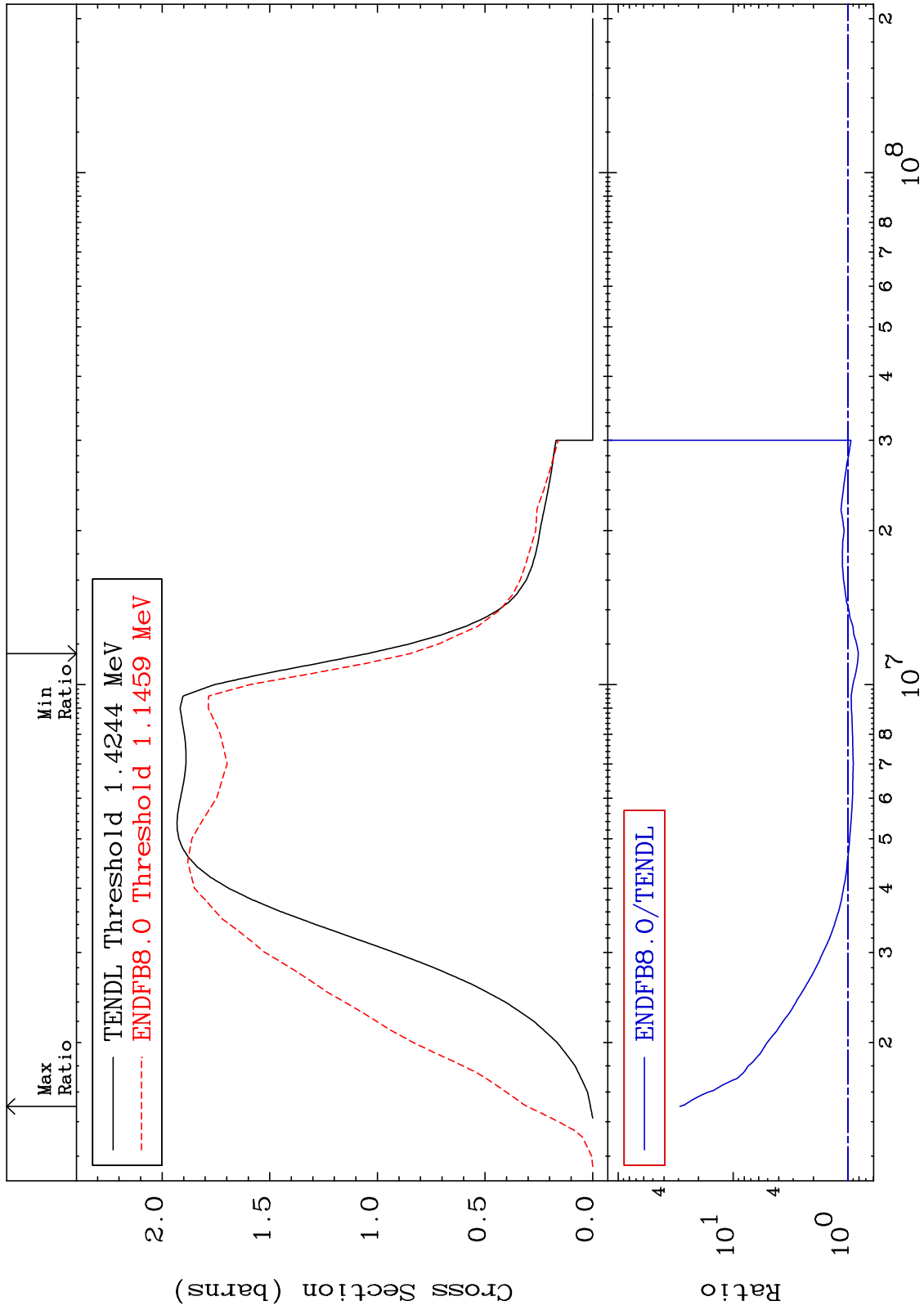


MAT 5325

MT= 71 (n,n') Level  
Cross Section

53-I -127  
-99.57 To 36.39 %

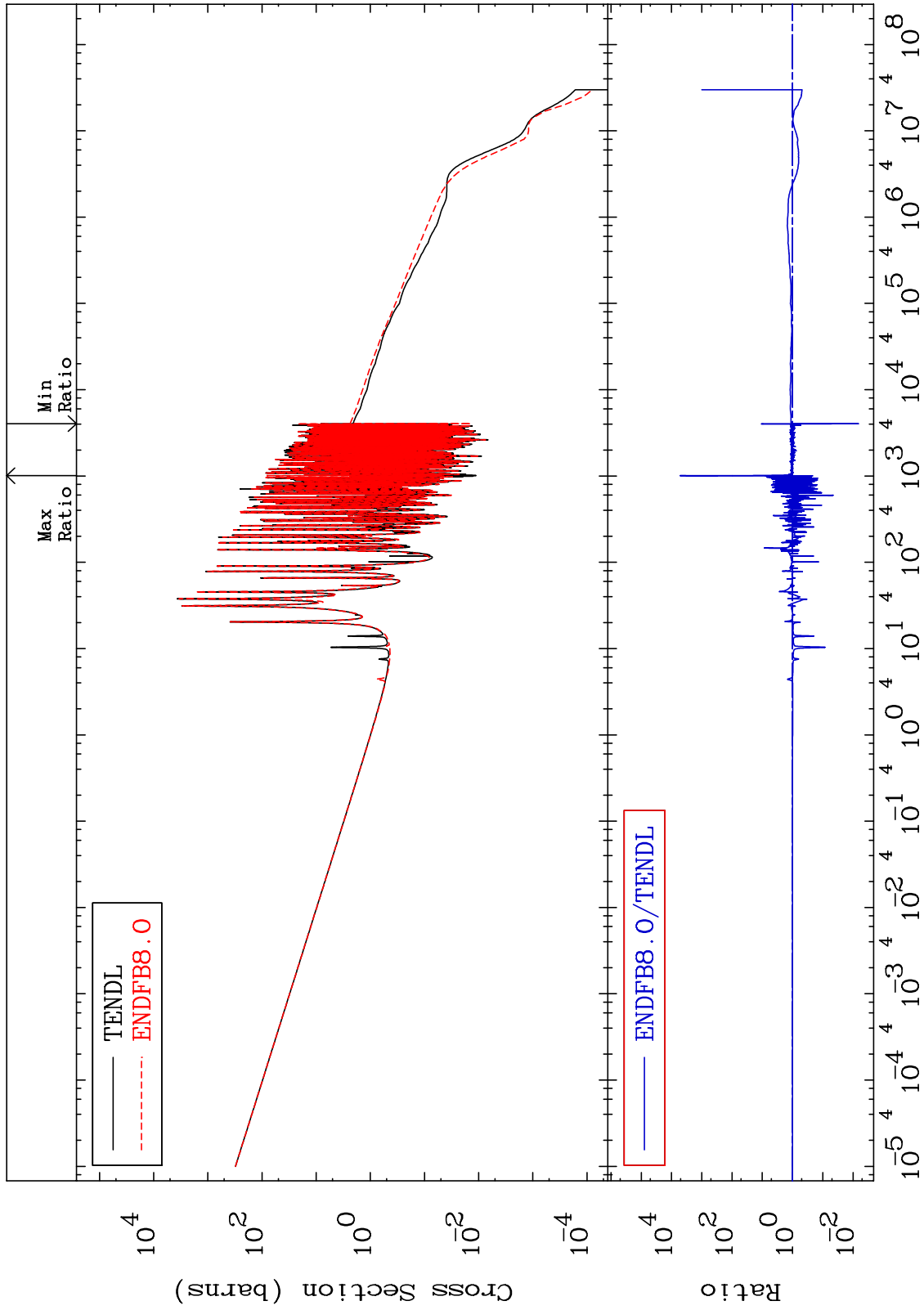




MAT 5325

(n,  $\gamma$ )  
Cross Section

53-I -127  
-99.33 To 9999. %





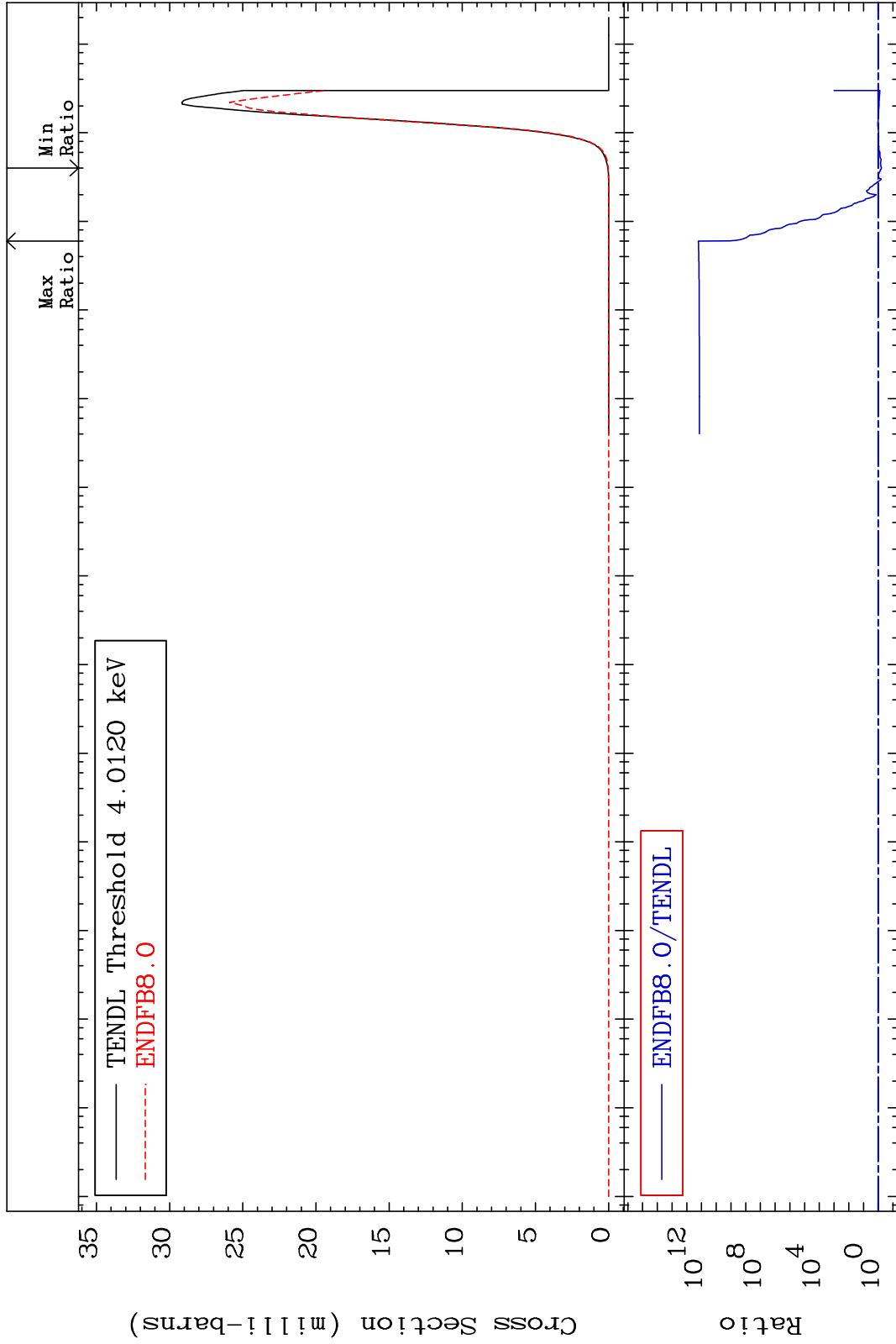
MAT 5325

(n,p)

53-I -127

Cross Section

-40.77 To 9999. %



Incident Energy (eV)

32

53-I -127

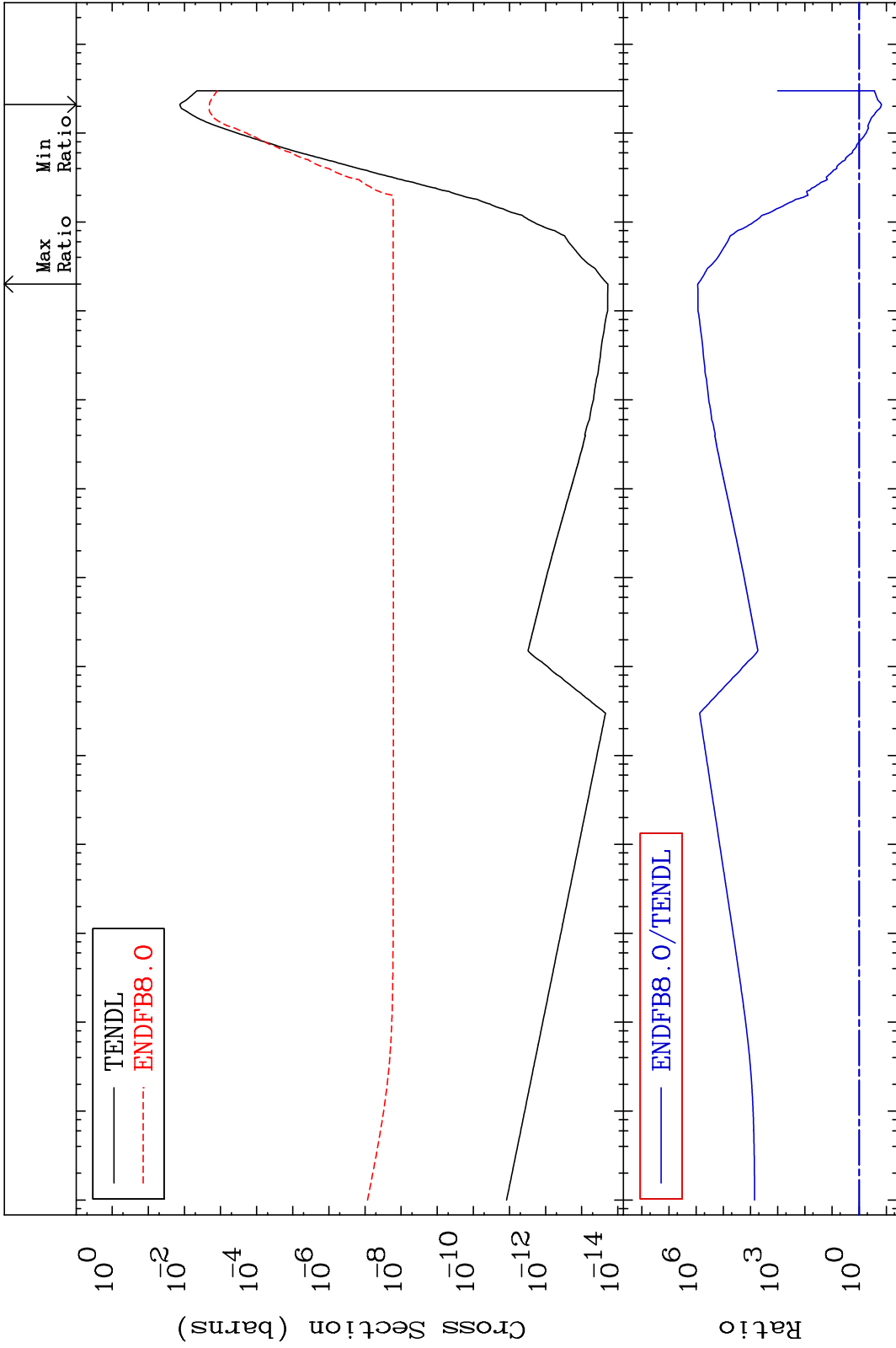
MAT 5325

(n,  $\alpha$ )

53-I -127

Cross Section

-84.87 To 9999. %



Incident Energy (eV)

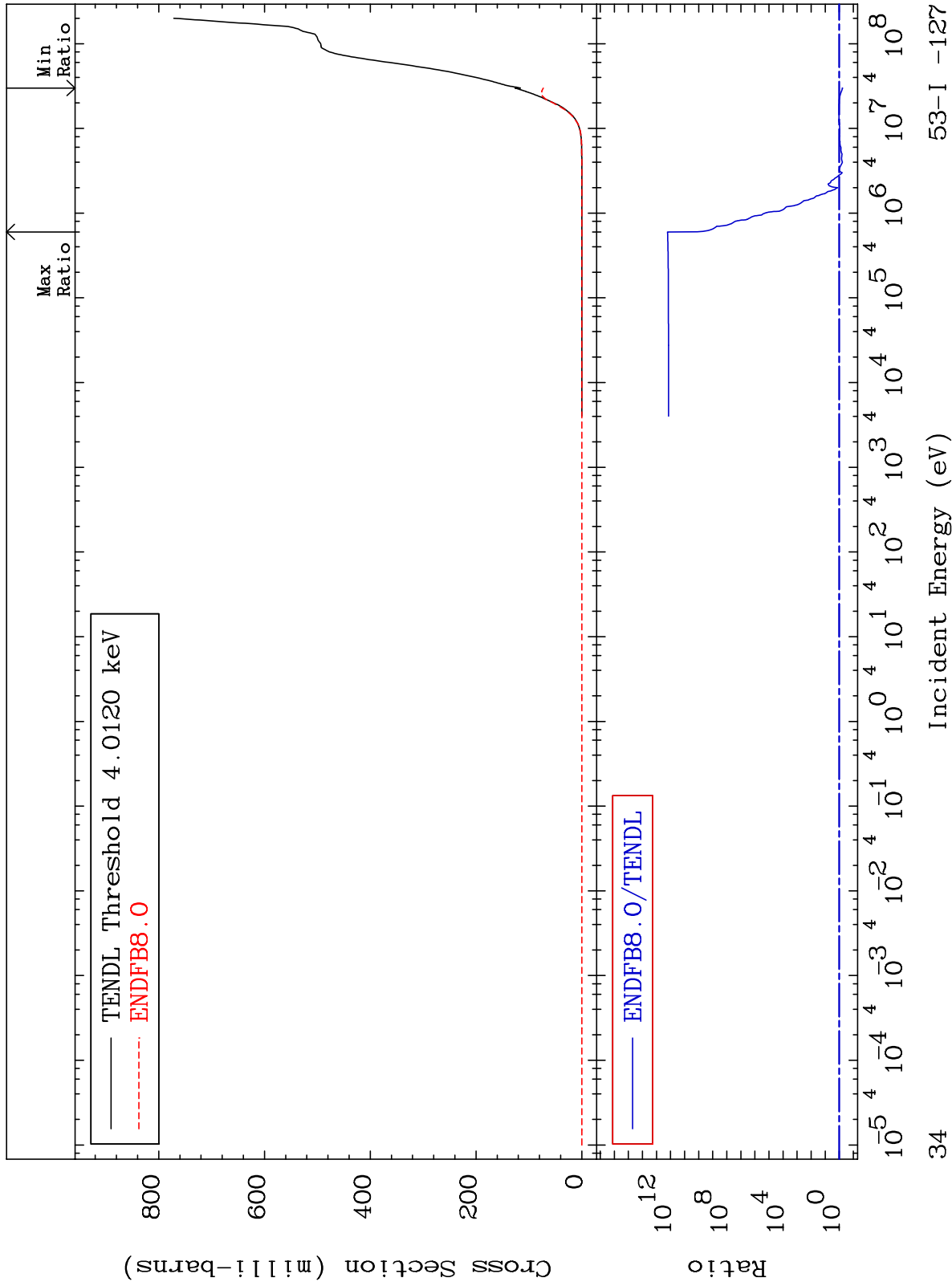
53-I -127

33

MAT 5325

### Hydrogen Production Cross Section

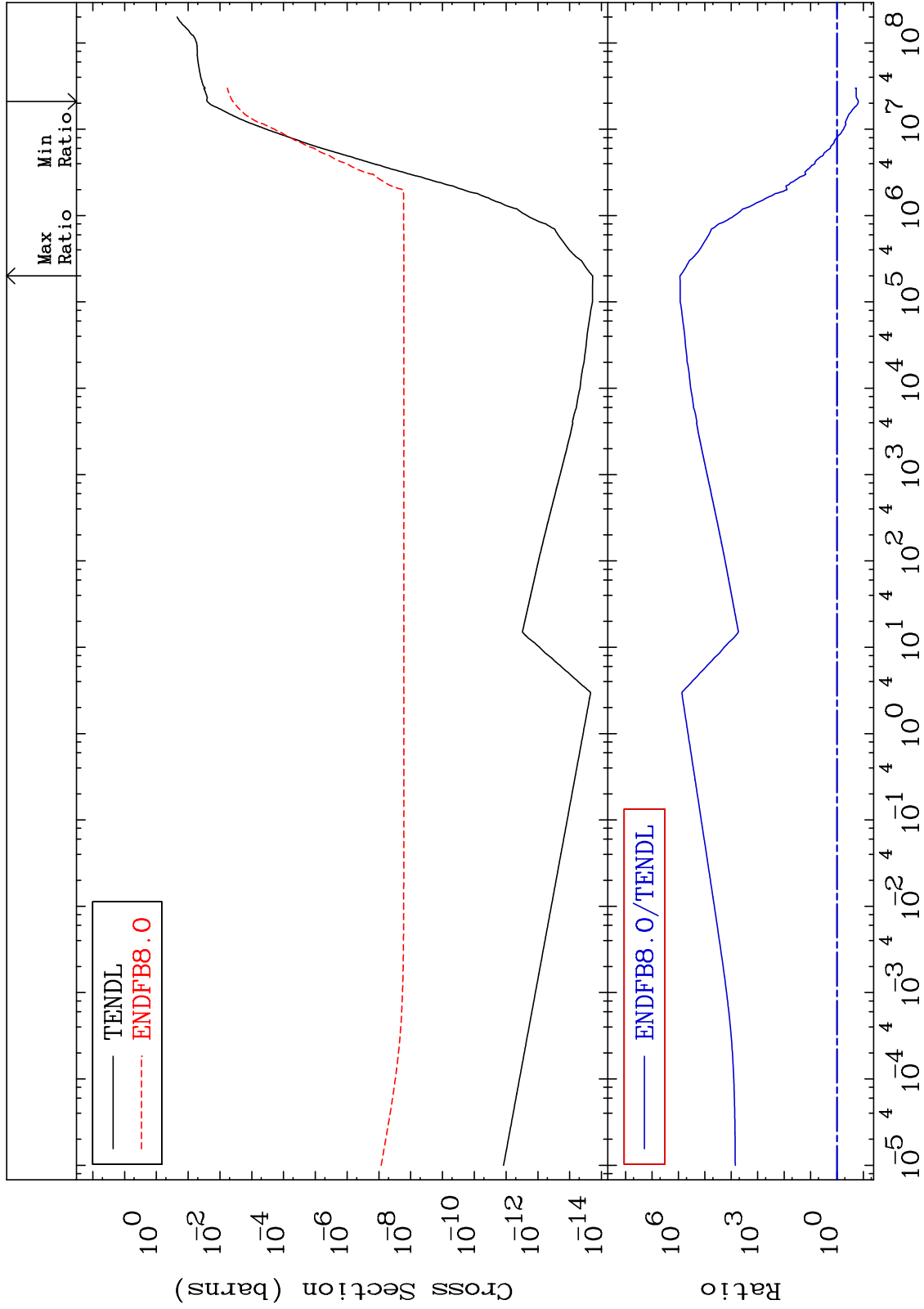
53-I -127  
-42.46 To 9999. %



MAT 5325

He-4 Production  
Cross Section

53-I -127  
-84.61 To 9999. %



35

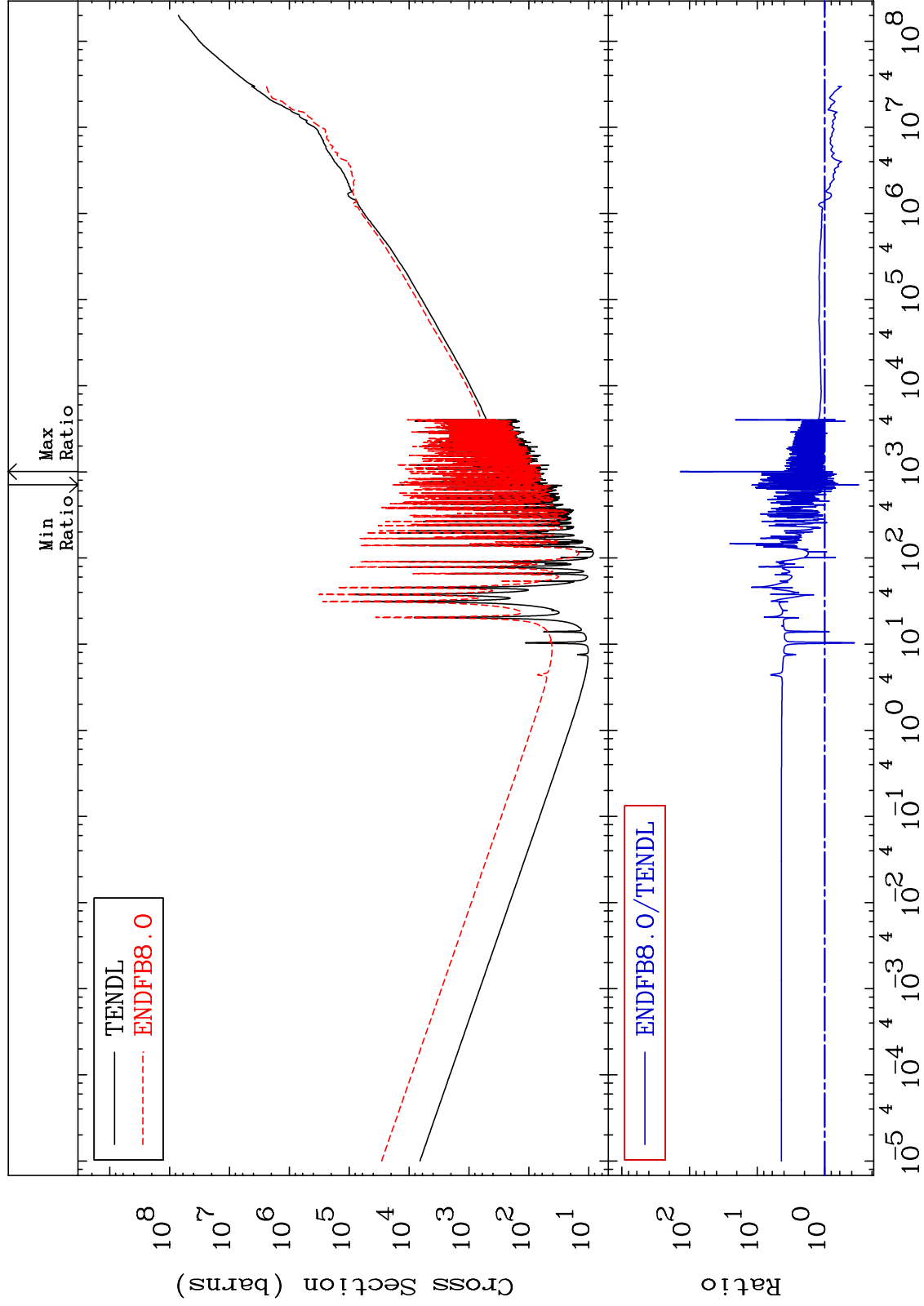
Incident Energy (eV)

53-I -127

MAT 5325

Kerma total (eV-barns)  
Cross Section

53-I -127  
-68.31 To 9999. %



36

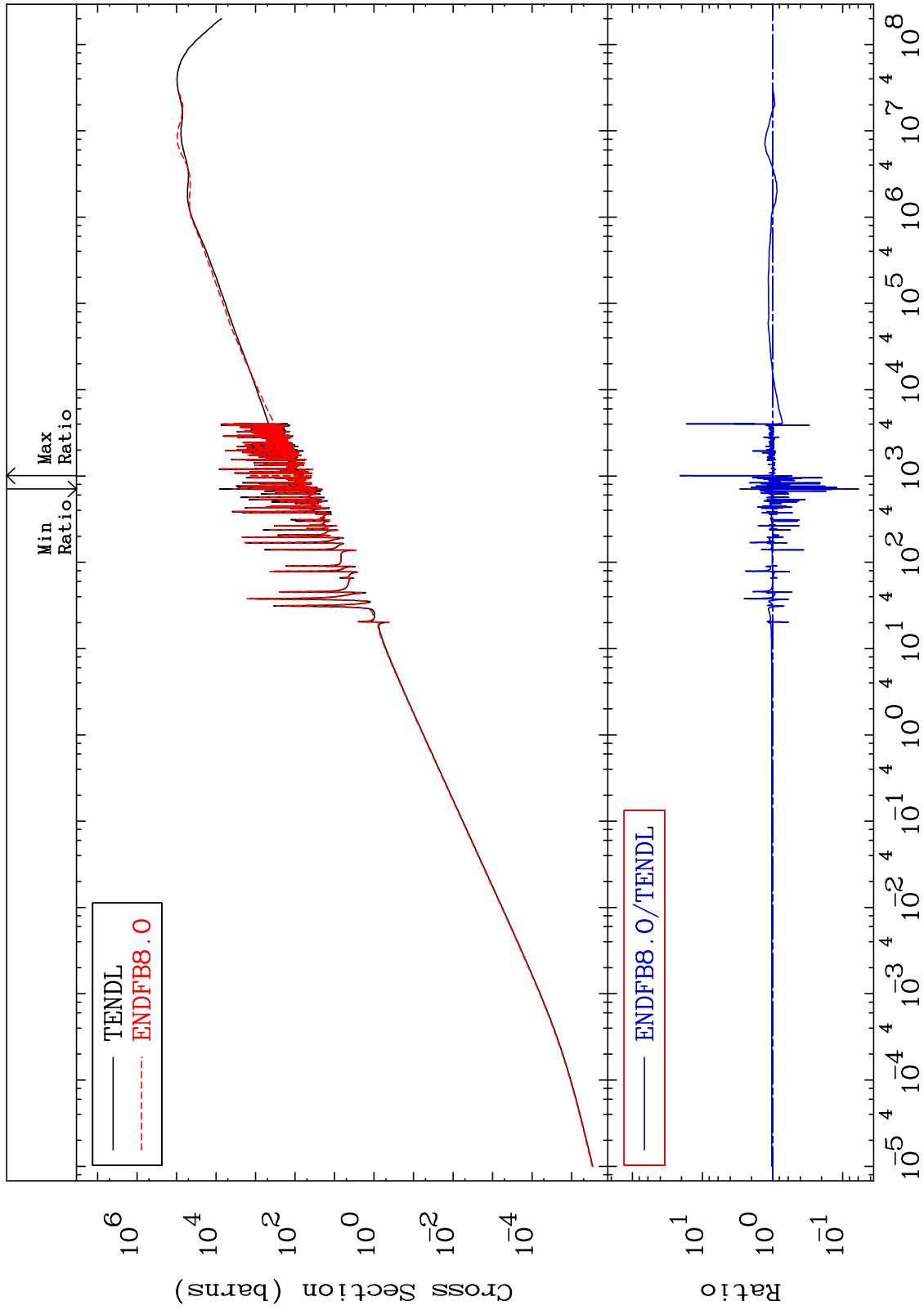
Incident Energy (eV)

53-I -127

MAT 5325

Kerma elastic  
Cross Section

53-I -127  
-94.04 To 1991. %



37

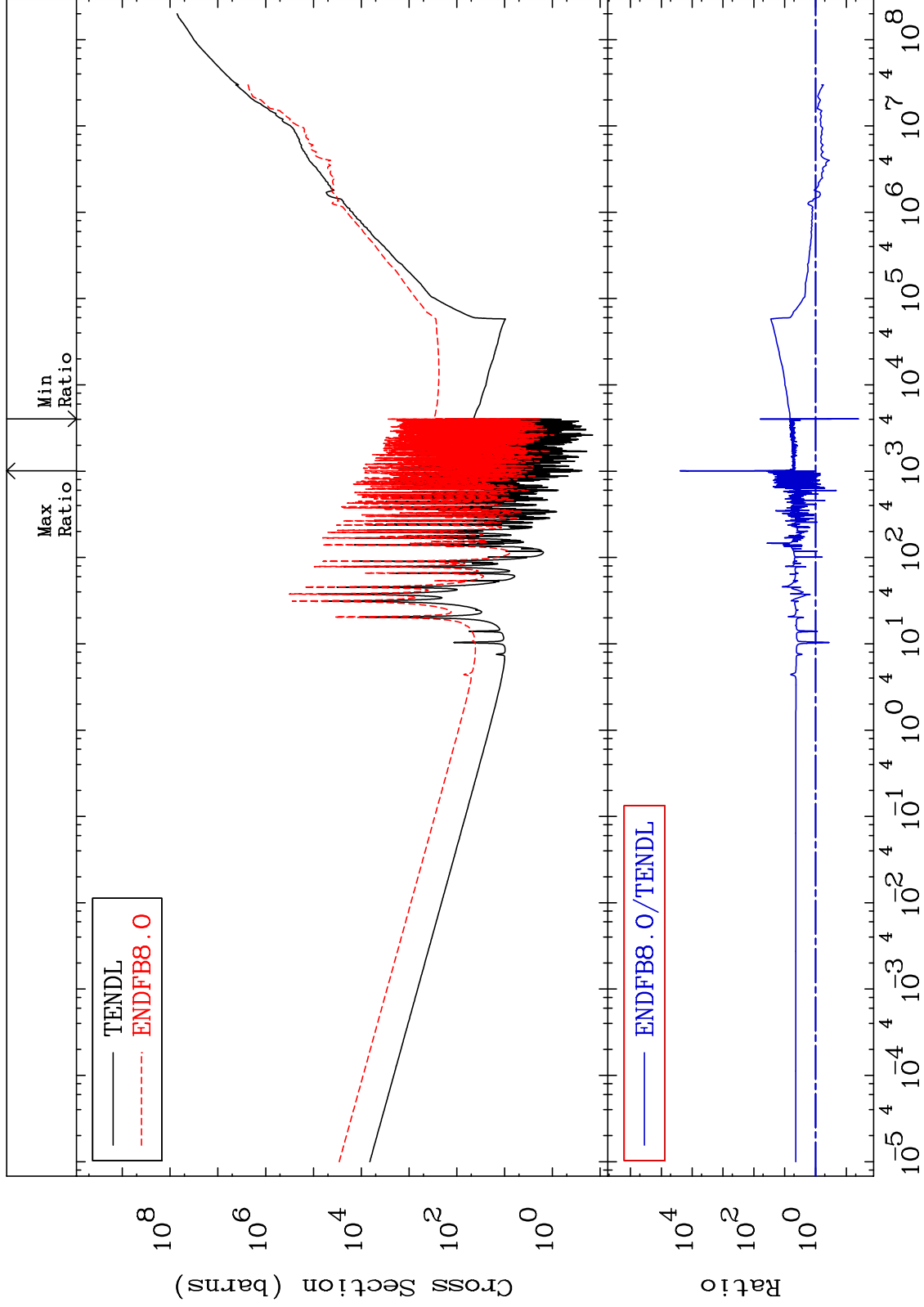
Incident Energy (eV)

53-I -127

MAT 5325

Kerma non-elastic (all but mt2)  
Cross Section

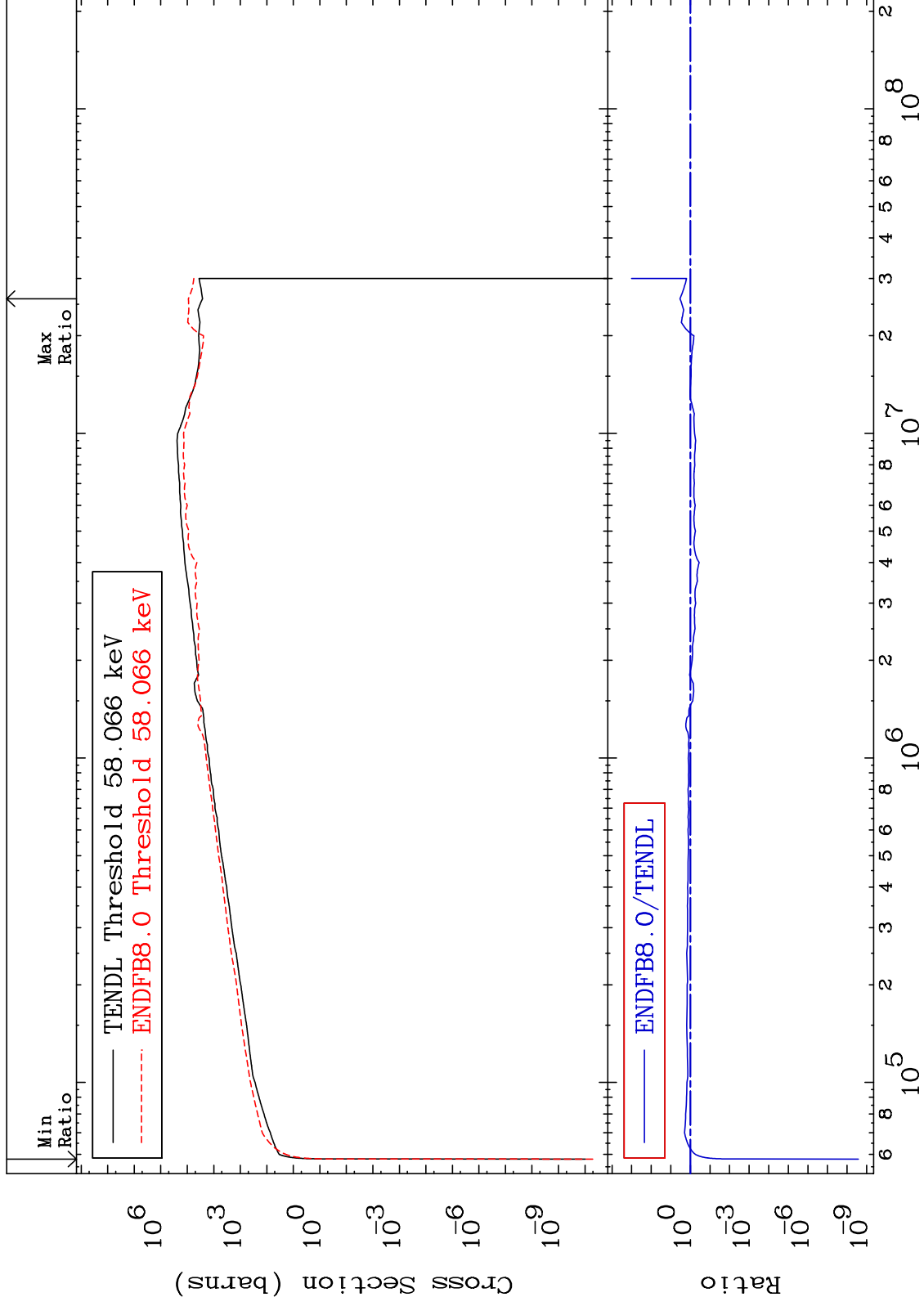
53-I -127  
-95.93 To 9999. %



MAT 5325

Kerma inelastic (mt51-91)  
Cross Section

53-I -127  
-100.0 To 238.5 %

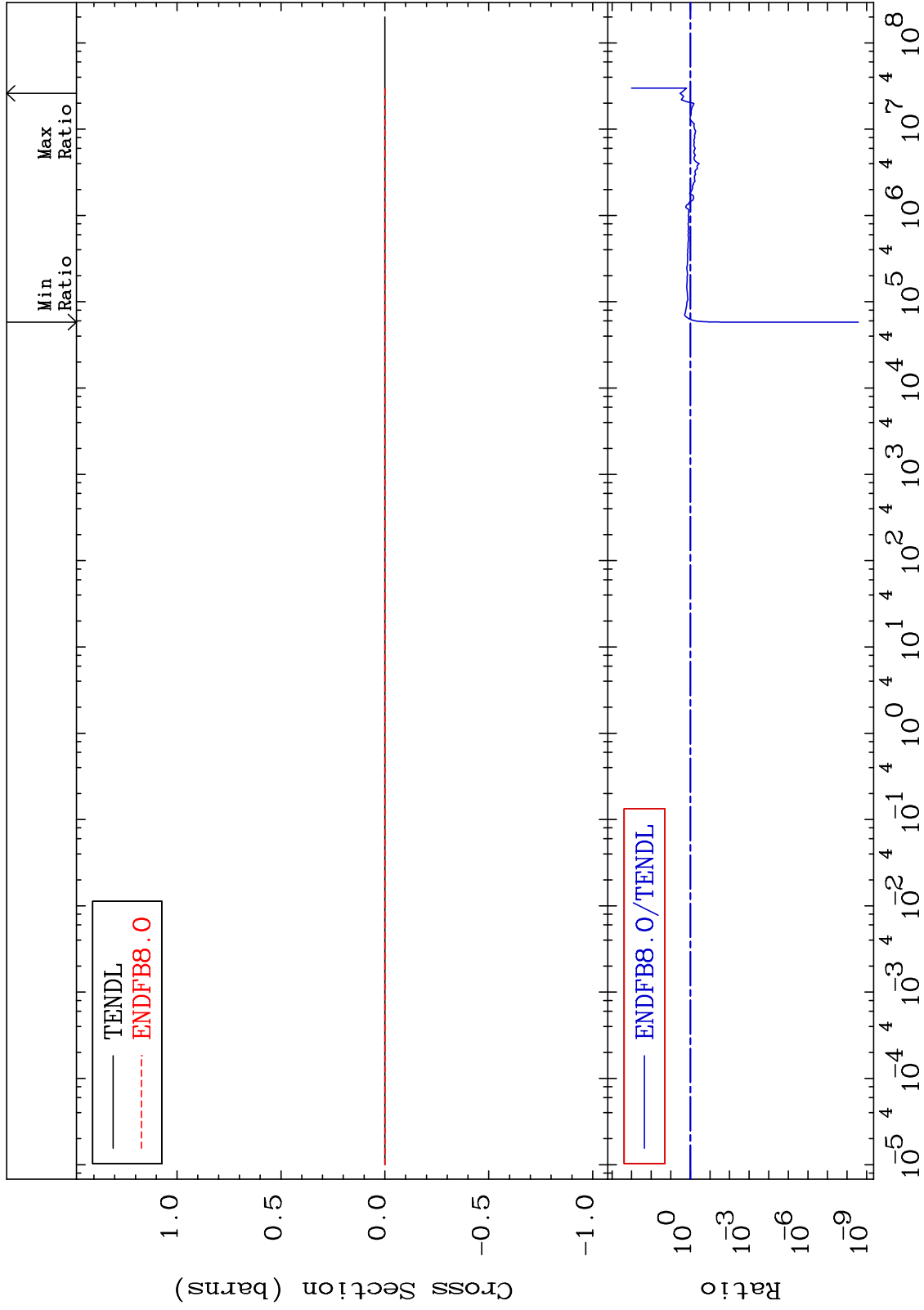




MAT 5325

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

53-I -127  
-100.0 To 238.5 %



40

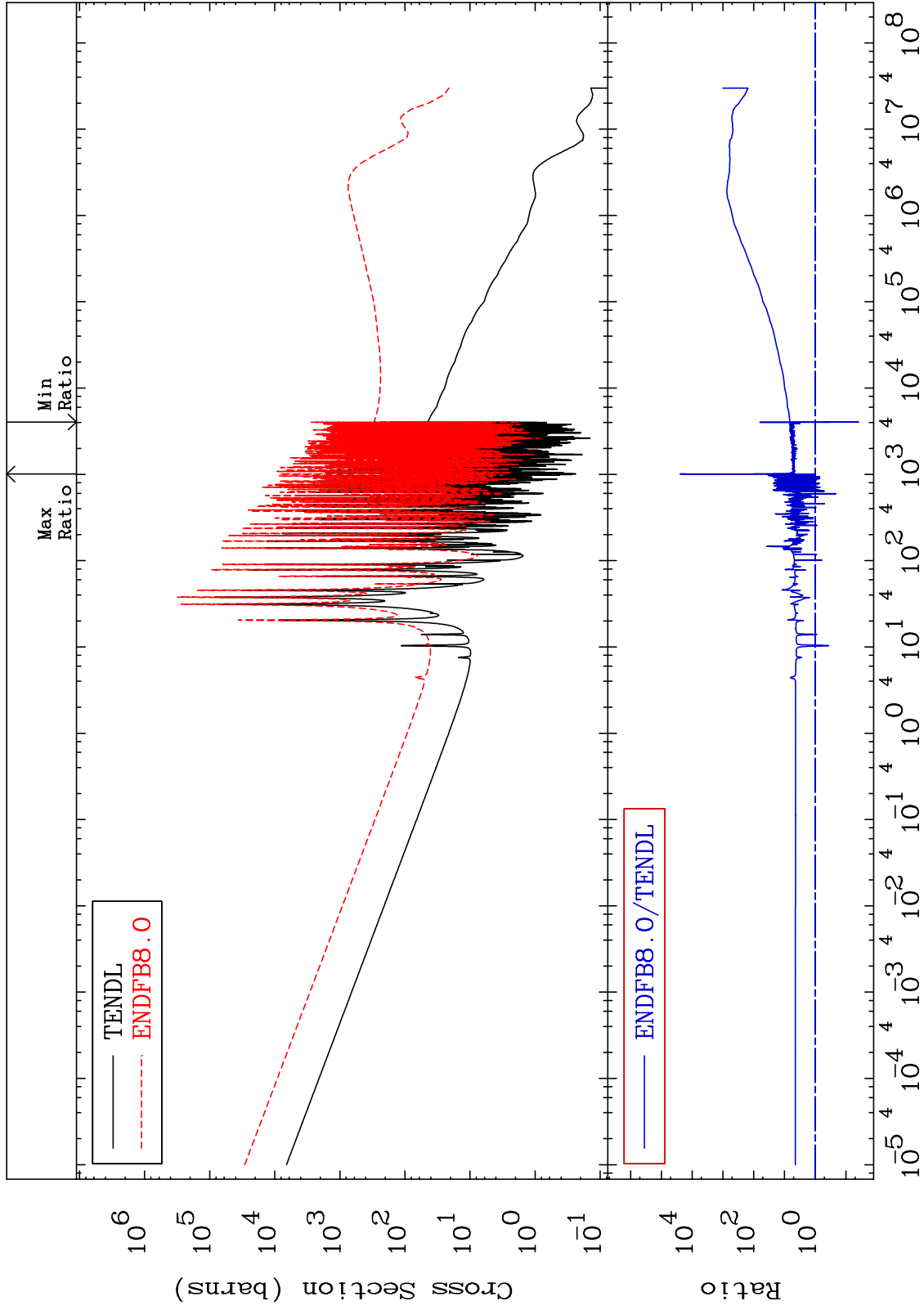
Incident Energy (eV)

53-I -127

MAT 5325

Kerma capture (mt102)  
Cross Section

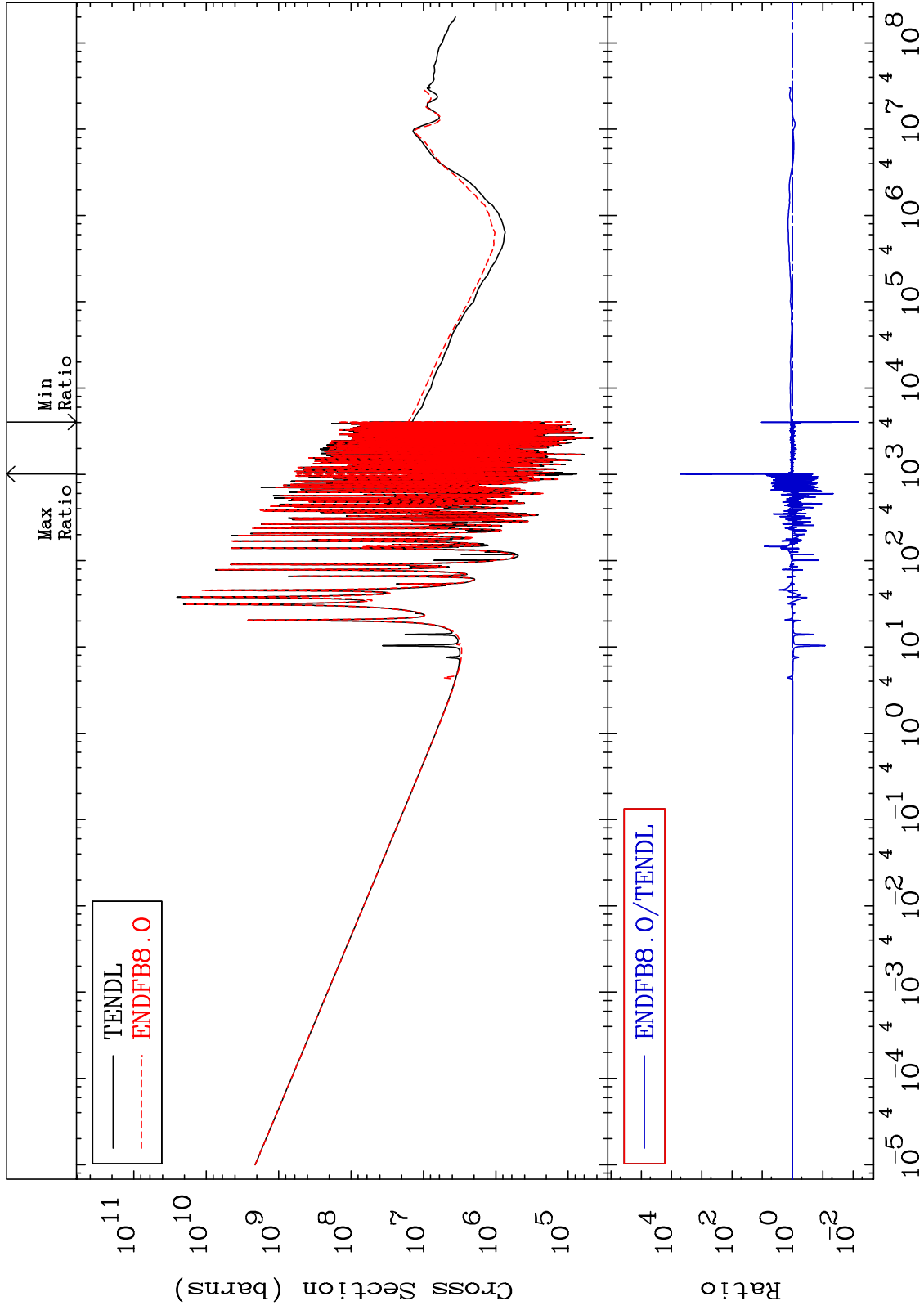
53-I -127  
-96.09 To 9999. %



MAT 5325

Total photon (eV-barns)  
Cross Section

53-I -127  
-99.33 To 9999. %



42

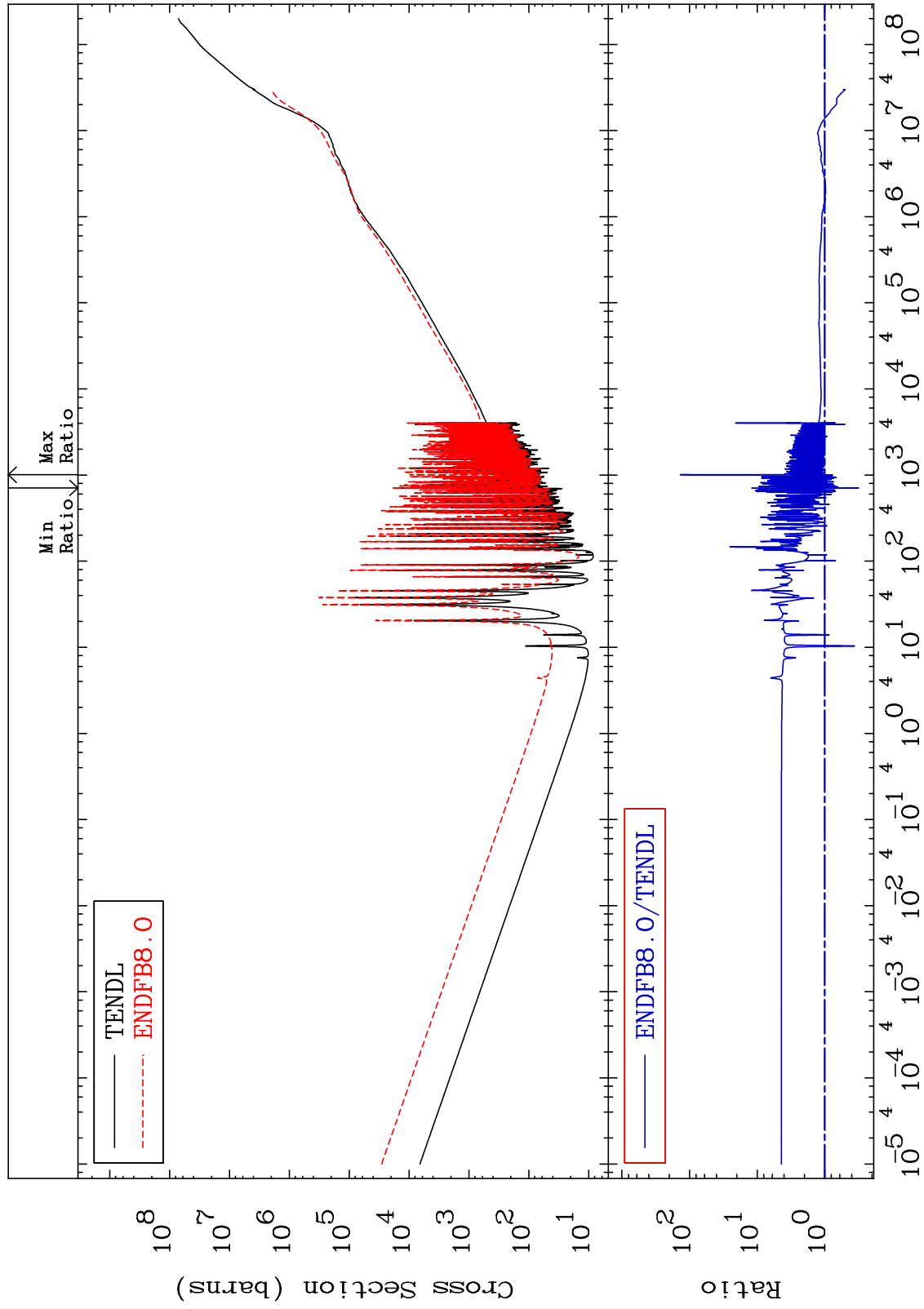
Incident Energy (eV)

53-I -127

MAT 5325

Total kinematic kerma (high limit)  
Cross Section

53-I -127  
-68.31 To 9999. %



43

Incident Energy (eV)

53-I -127

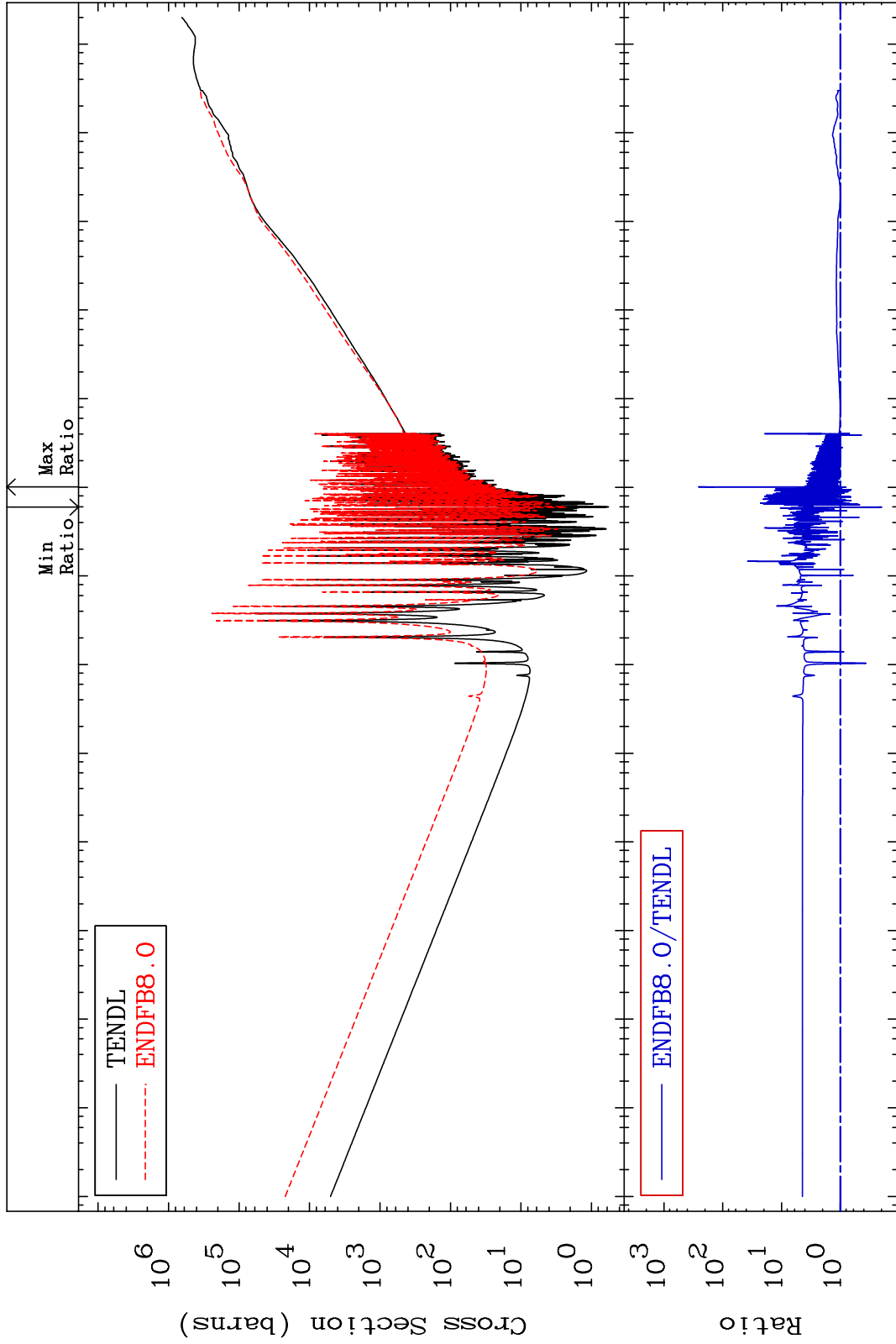
MAT 5325

Dpa total (eV-barns)

53-I -127

-80.07 To 9999. %

Cross Section

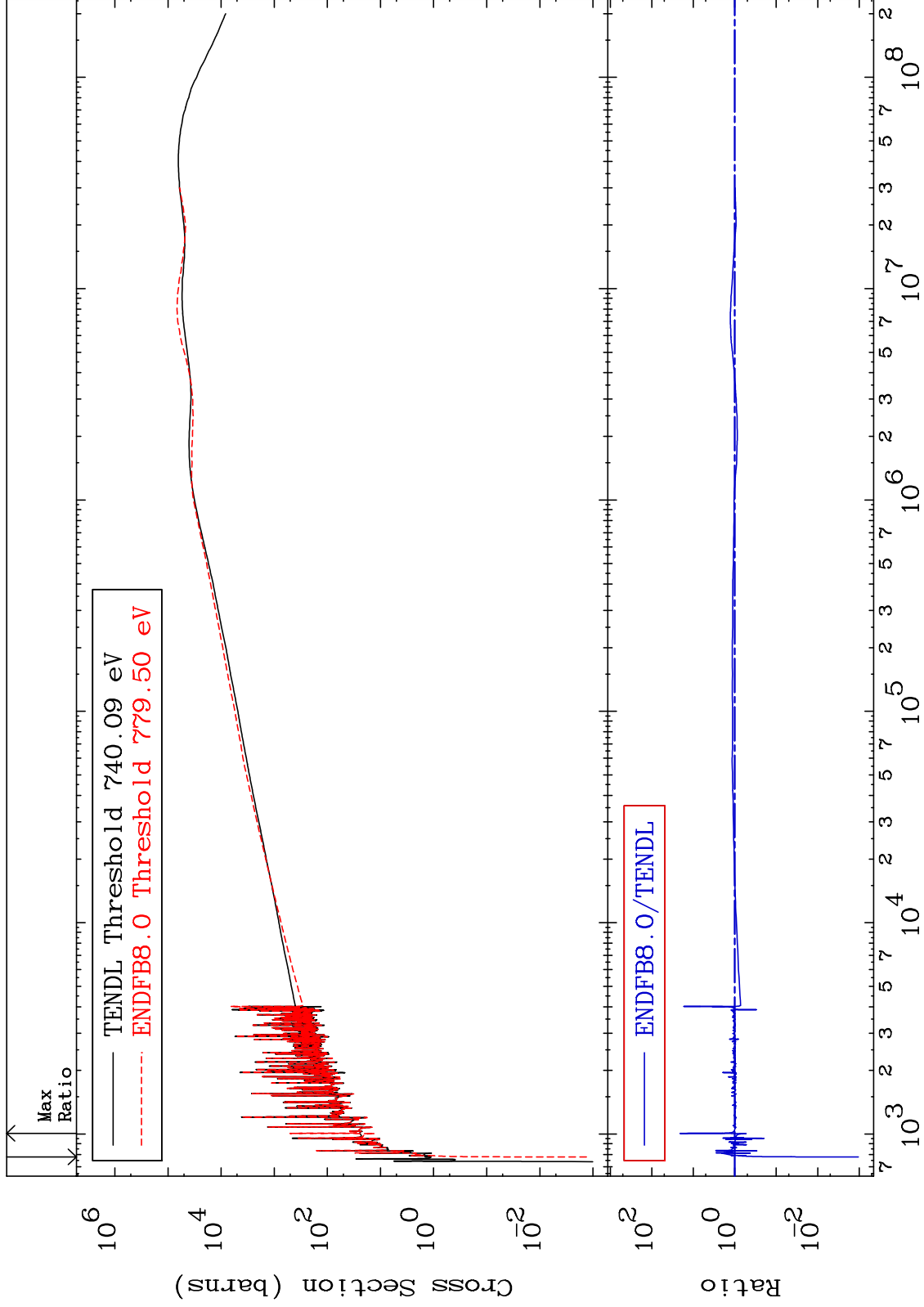


Incident Energy (eV) 53-I -127

MAT 5325

Dpa elastic (mt2)  
Cross Section

53-I -127  
-99.90 To 1989. %



45

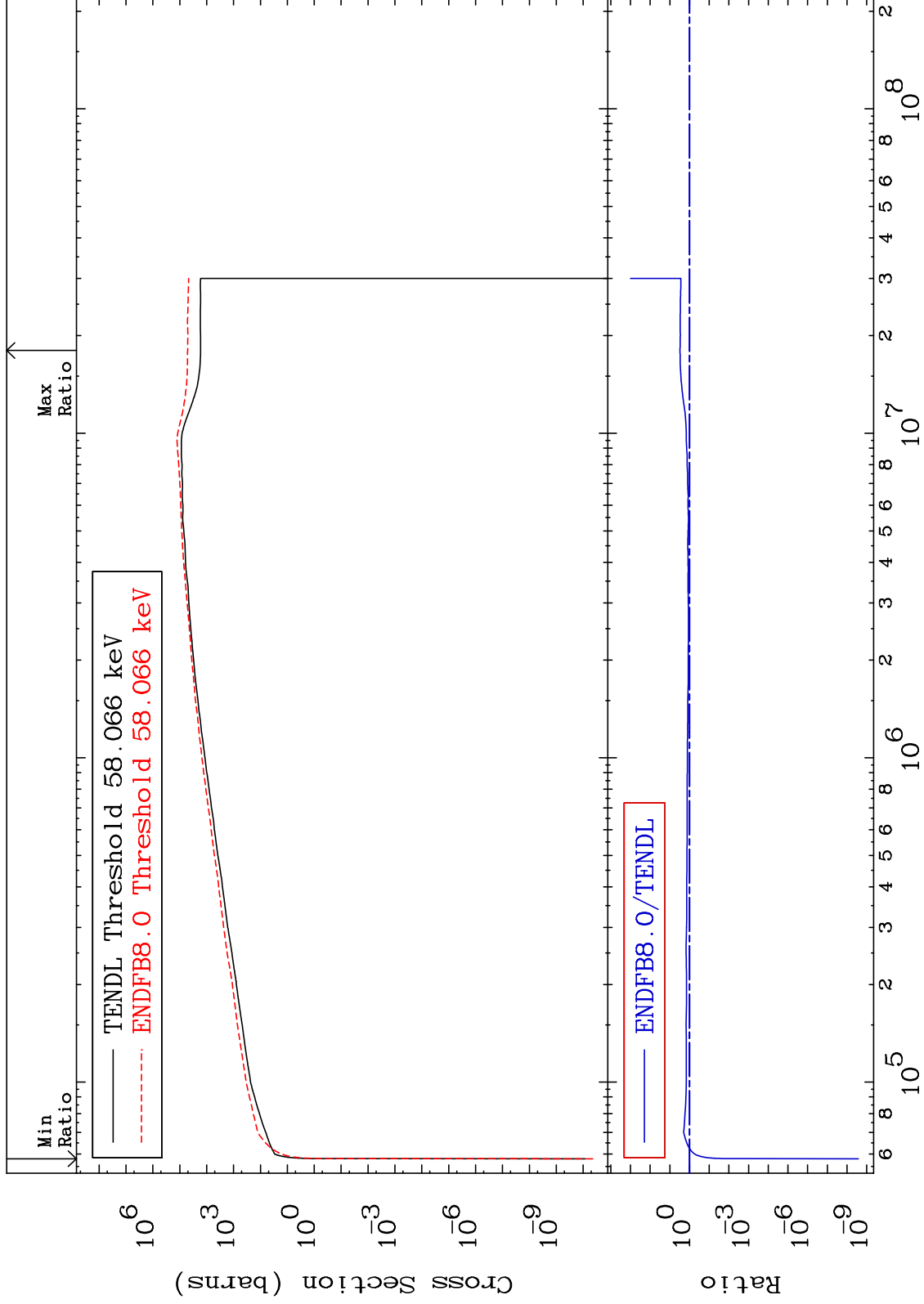
Incident Energy (eV)

53-I -127

MAT 5325

Dpa inelastic (mt51-91)  
Cross Section

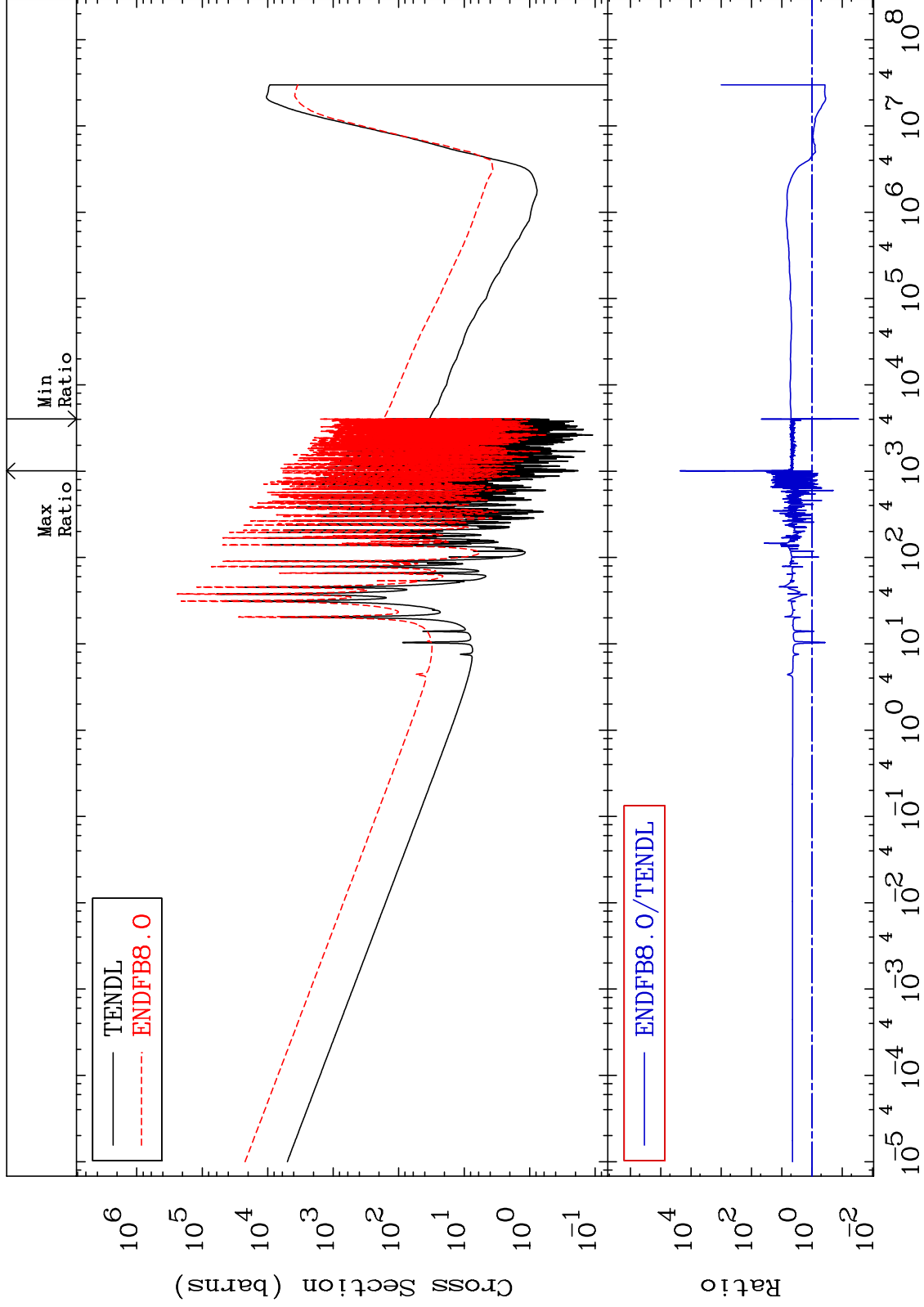
53-I -127  
-100.0 To 203.8 %



MAT 5325

Dpa disappearance (mt102 -120)  
Cross Section

53-I -127  
-97.06 To 9999. %



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Incident Energy (eV)

53-I -127