

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

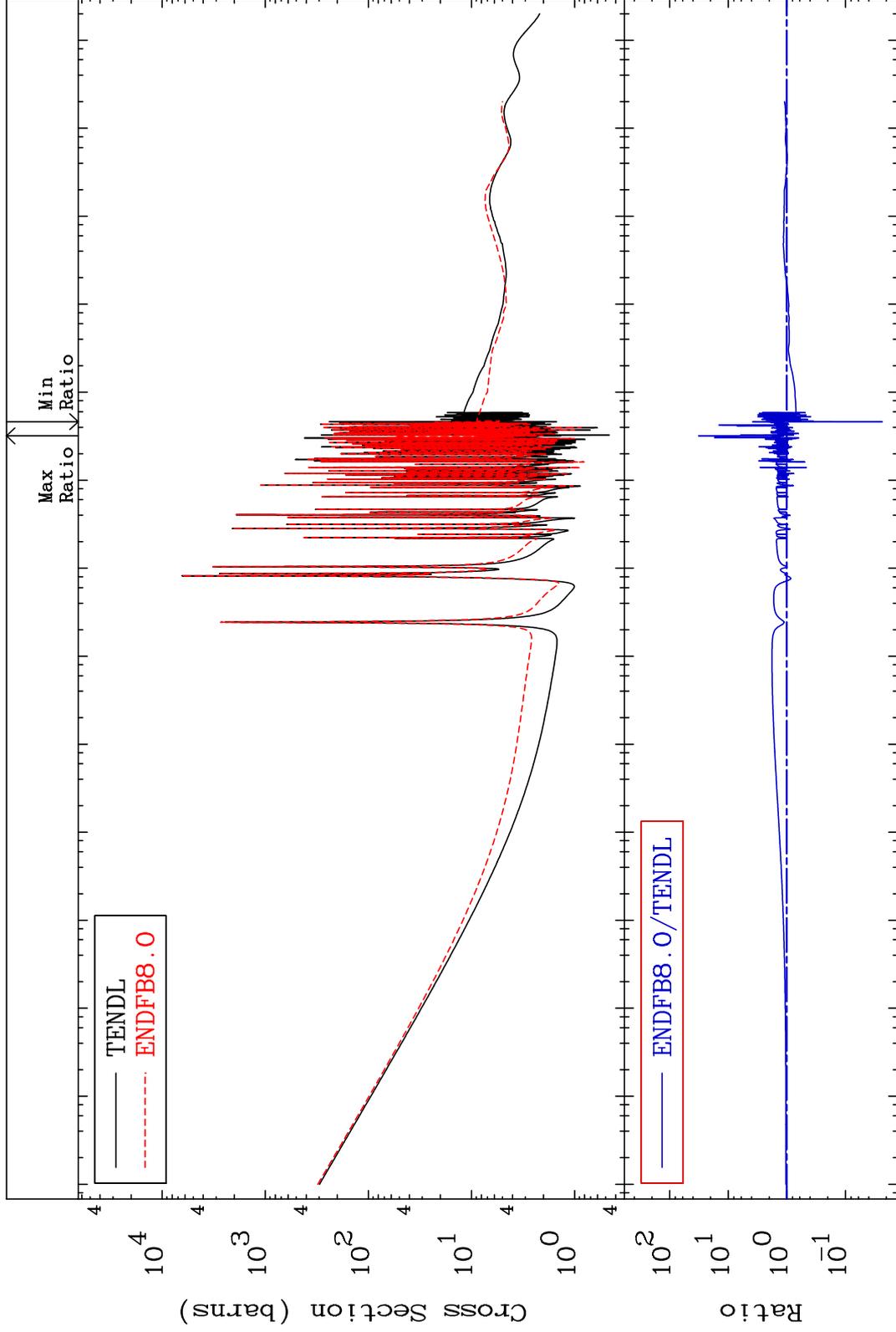
MAT 5640

Total

56-Ba-135

Cross Section

-97.63 To 3092. %



Incident Energy (eV)

56-Ba-135

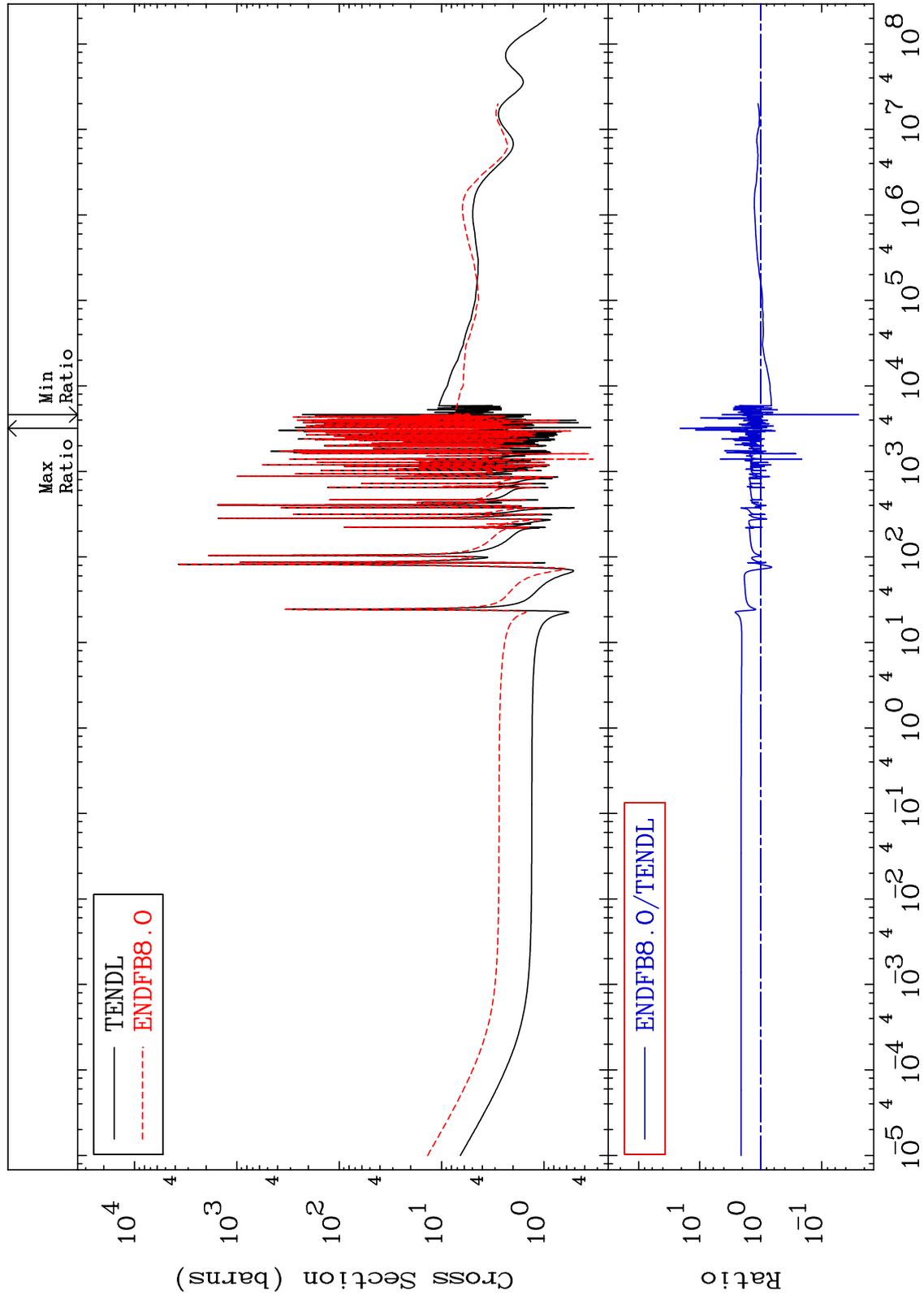
MAT 5640

Elastic

Cross Section

56-Ba-135

-97.52 To 1974. %

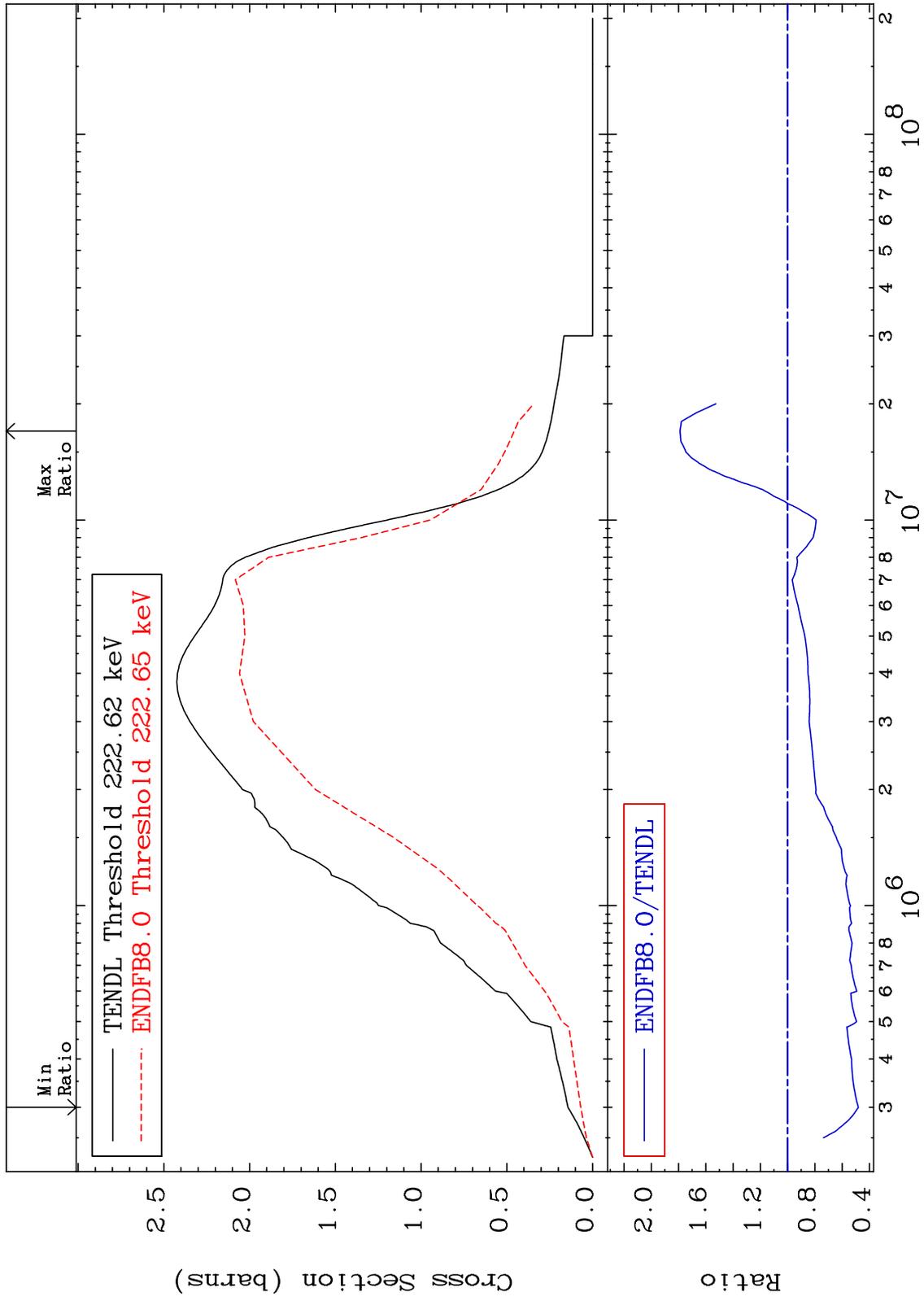


2

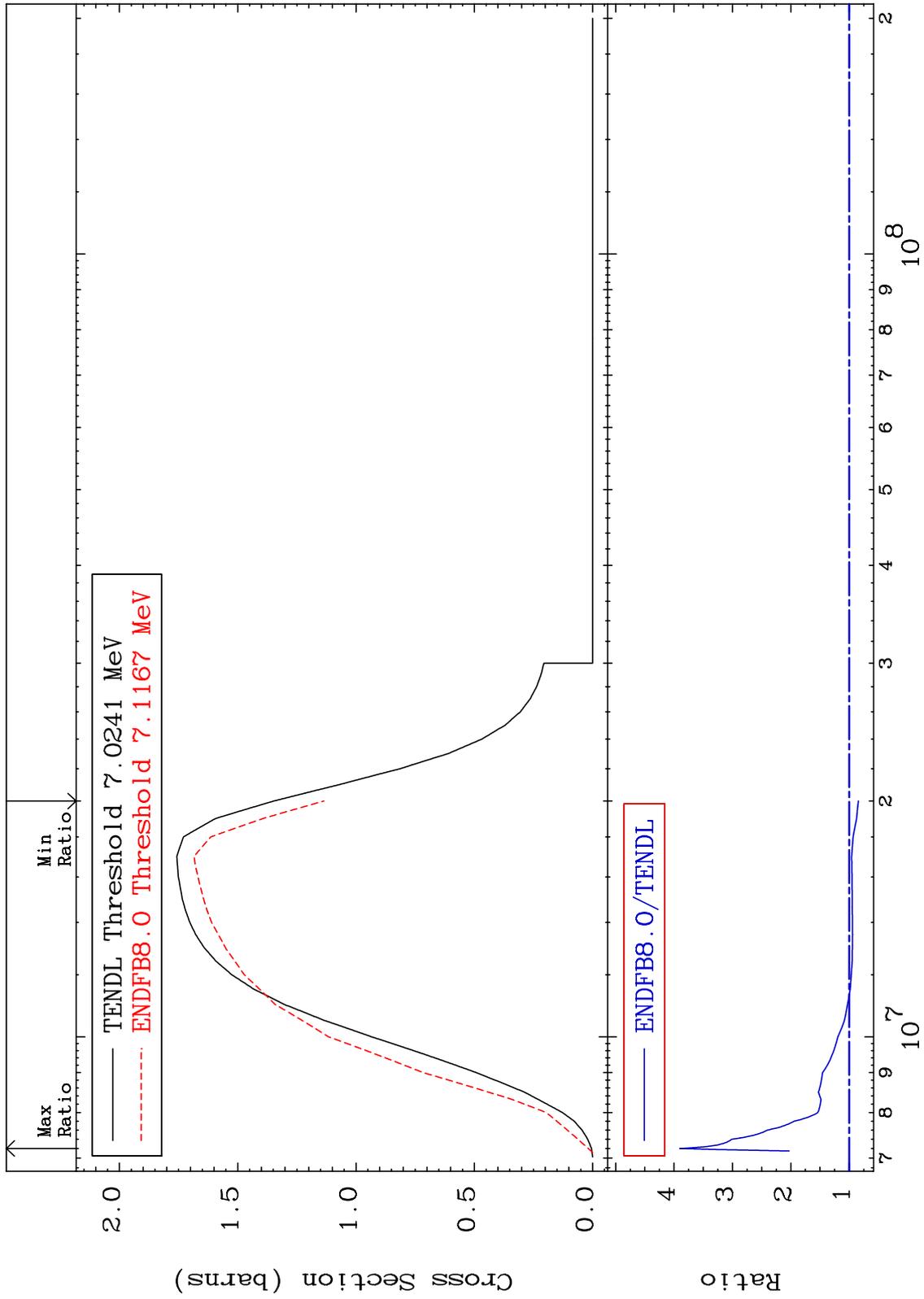
Incident Energy (eV)

56-Ba-135

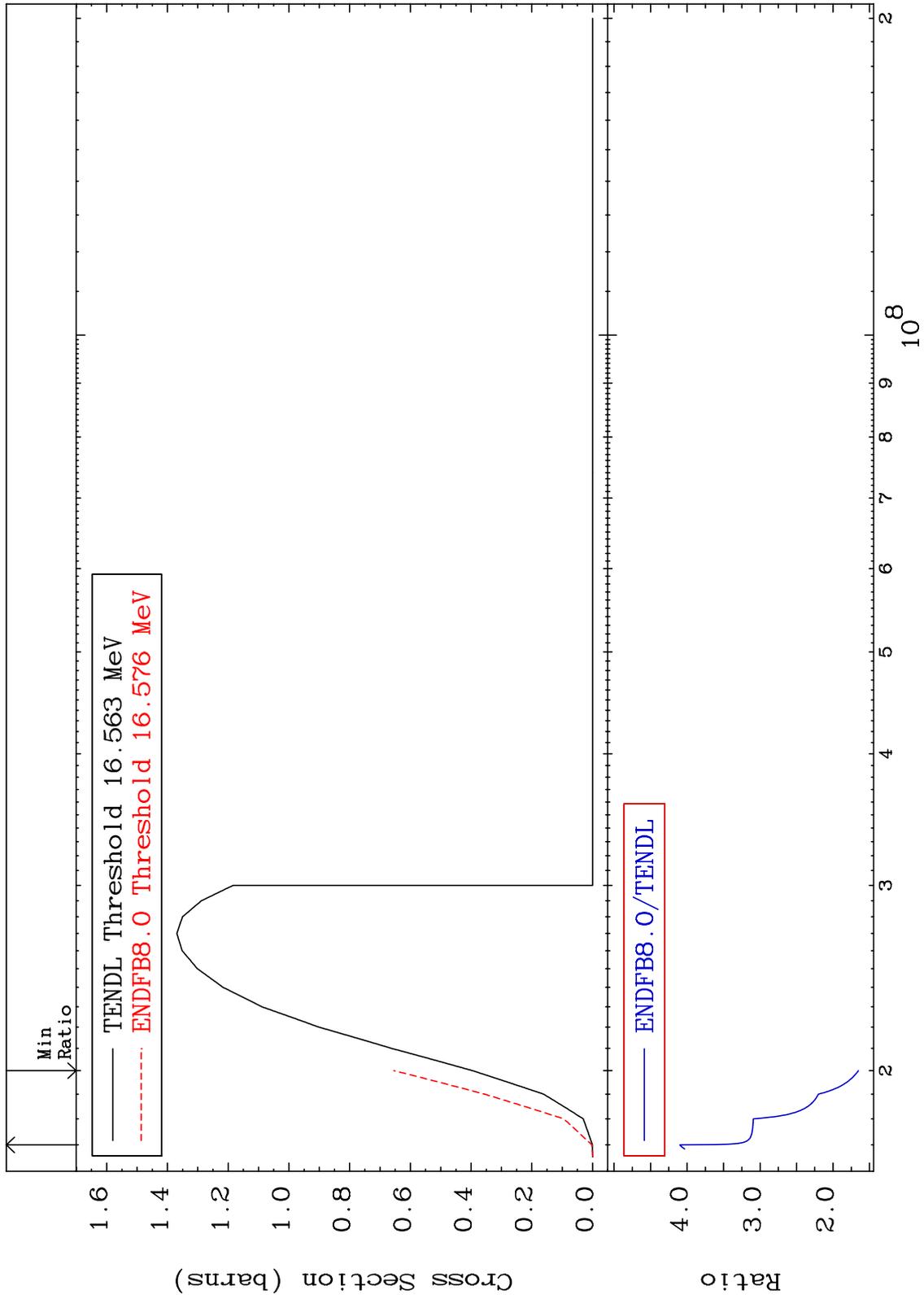
MAT 5640 Inelastic Cross Section 56-Ba-135 -51.92 To 78.97 %



MAT 5640  $(n, 2n)$  Cross Section 56-Ba-135 -15.70 To 289.9 %



MAT 5640 (n,3n) Cross Section 56-Ba-135 To 309.8 %  
65.30



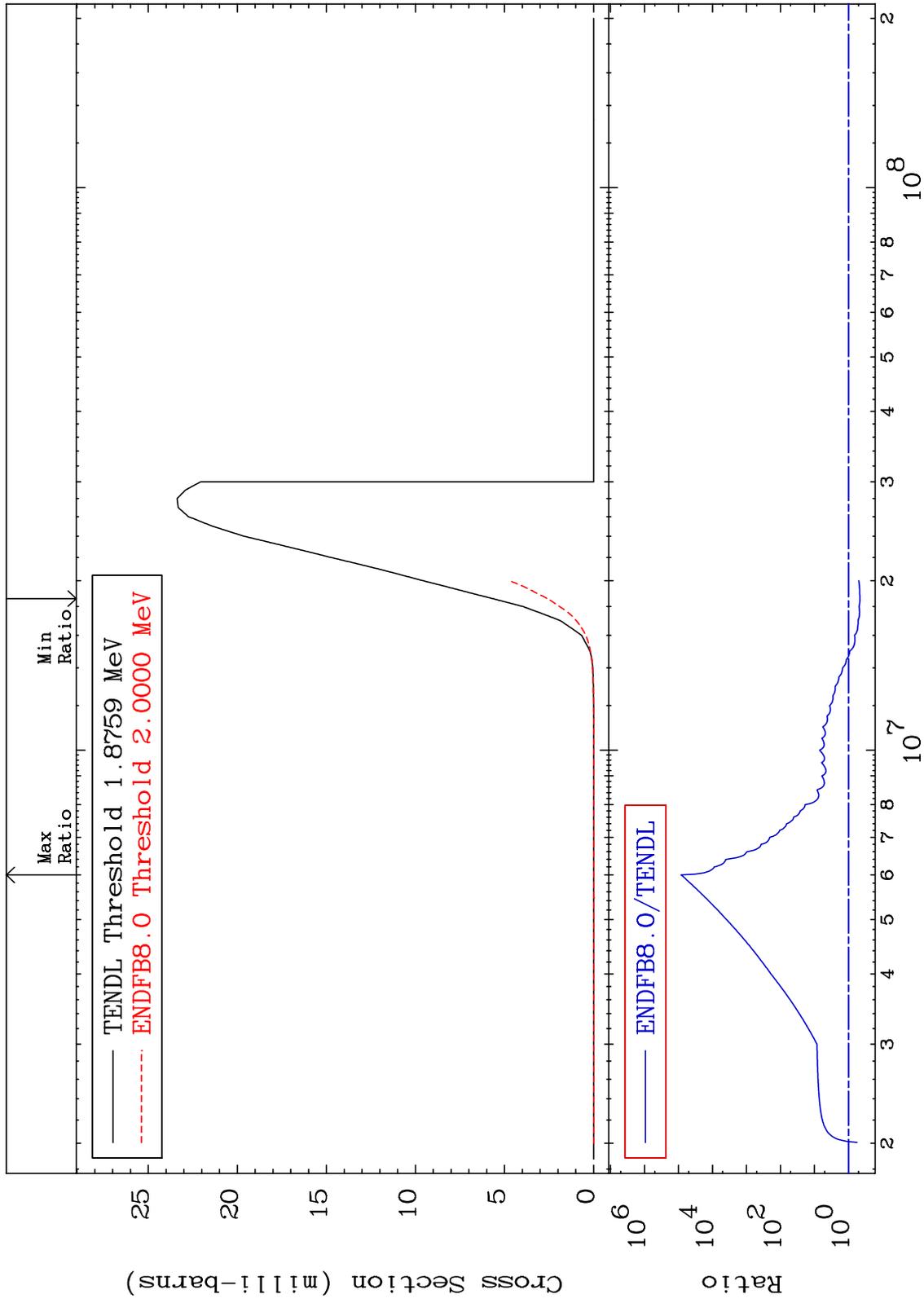
MAT 5640

(n,n')  $\alpha$

56-Ba-135

-54.19 To 9999. %

Cross Section



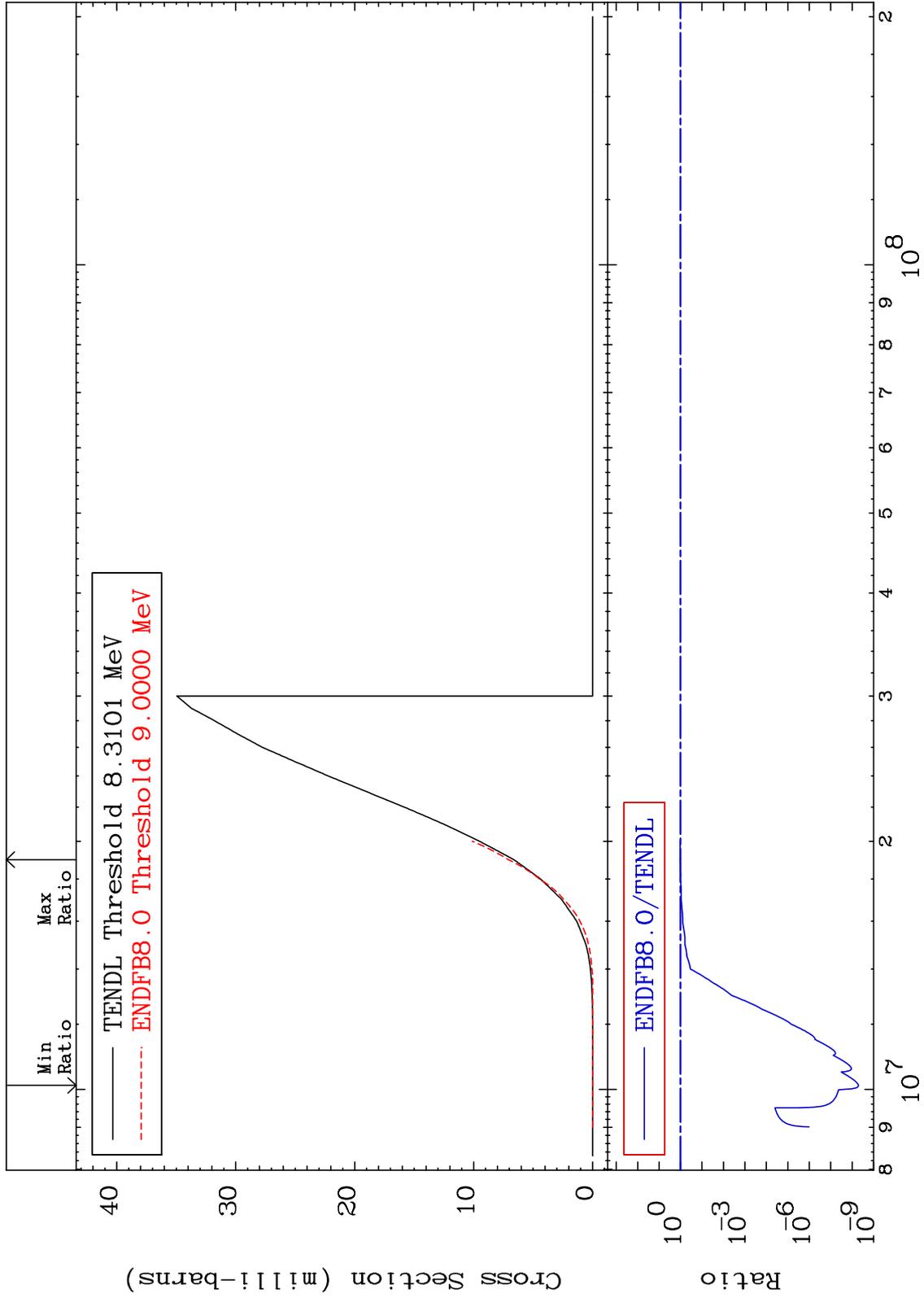
MAT 5640

(n,n') p

56-Ba-135

Cross Section

-100.0 To 6.847 %



Incident Energy (eV)

56-Ba-135

7

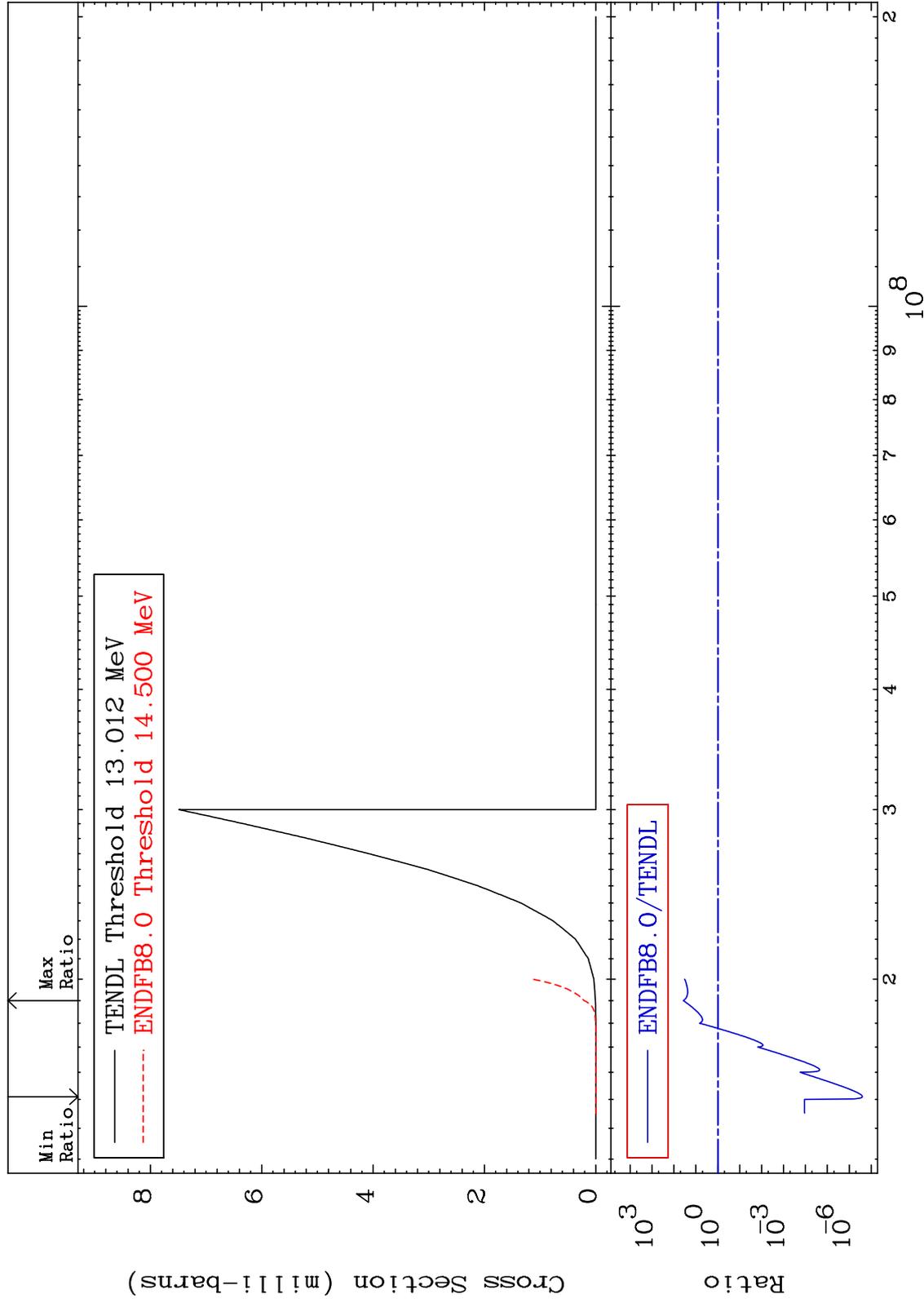
MAT 5640

(n, n') d

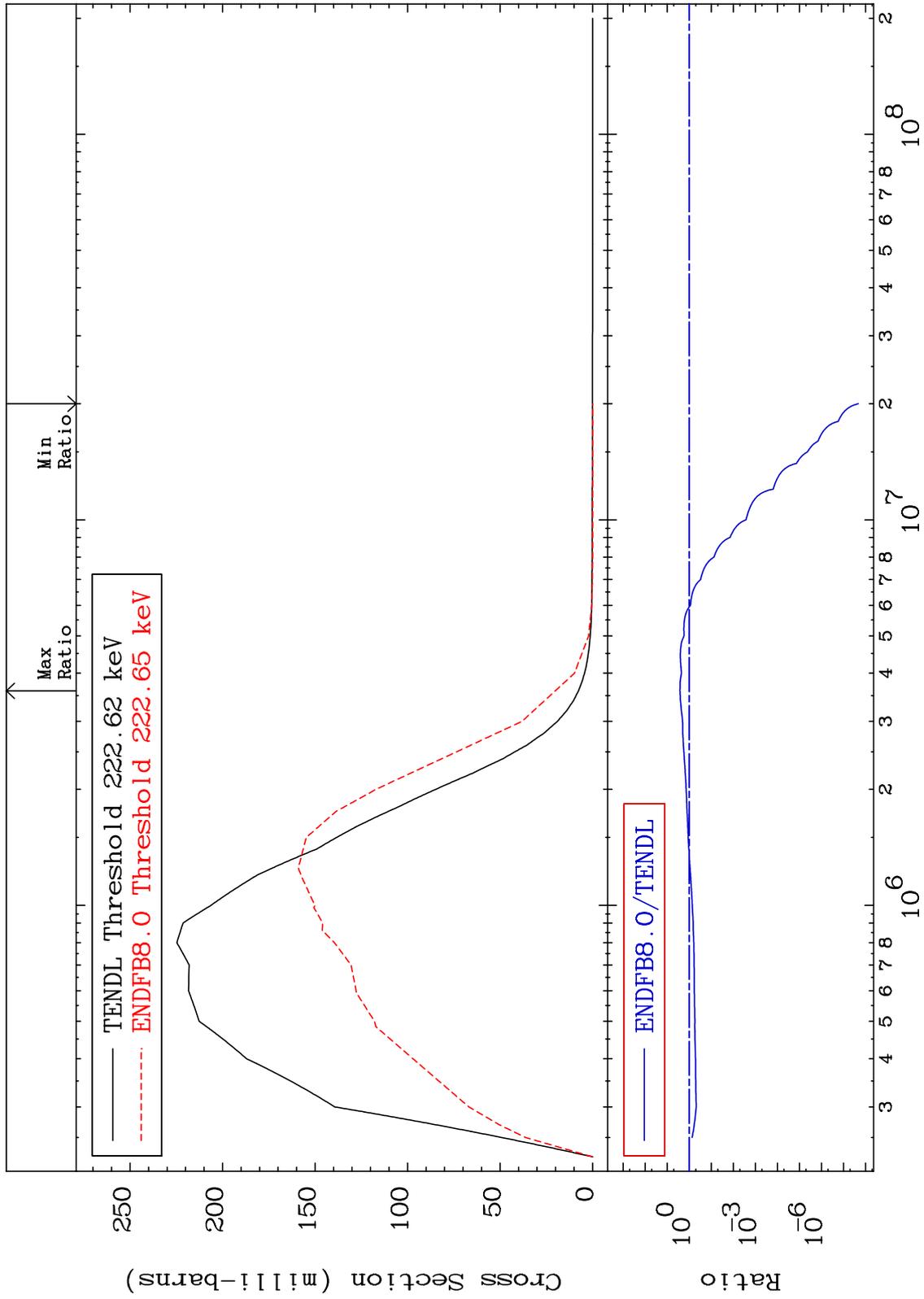
56-Ba-135

Cross Section

-100.0 To 3618. %



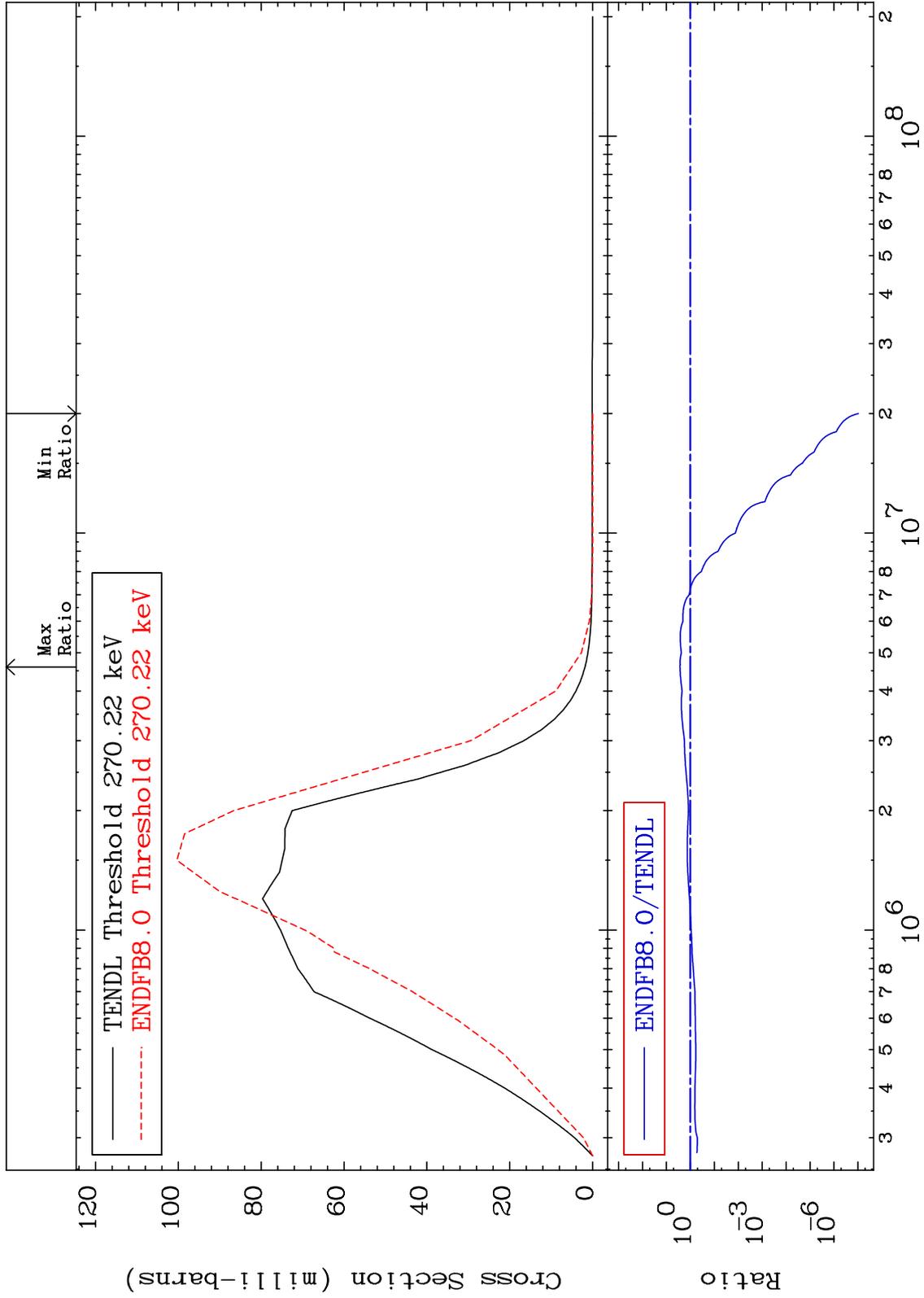
MAT 5640 MT= 51 (n,n') Level Cross Section 56-Ba-135 -100.0 To 164.1 %



MAT 5640

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

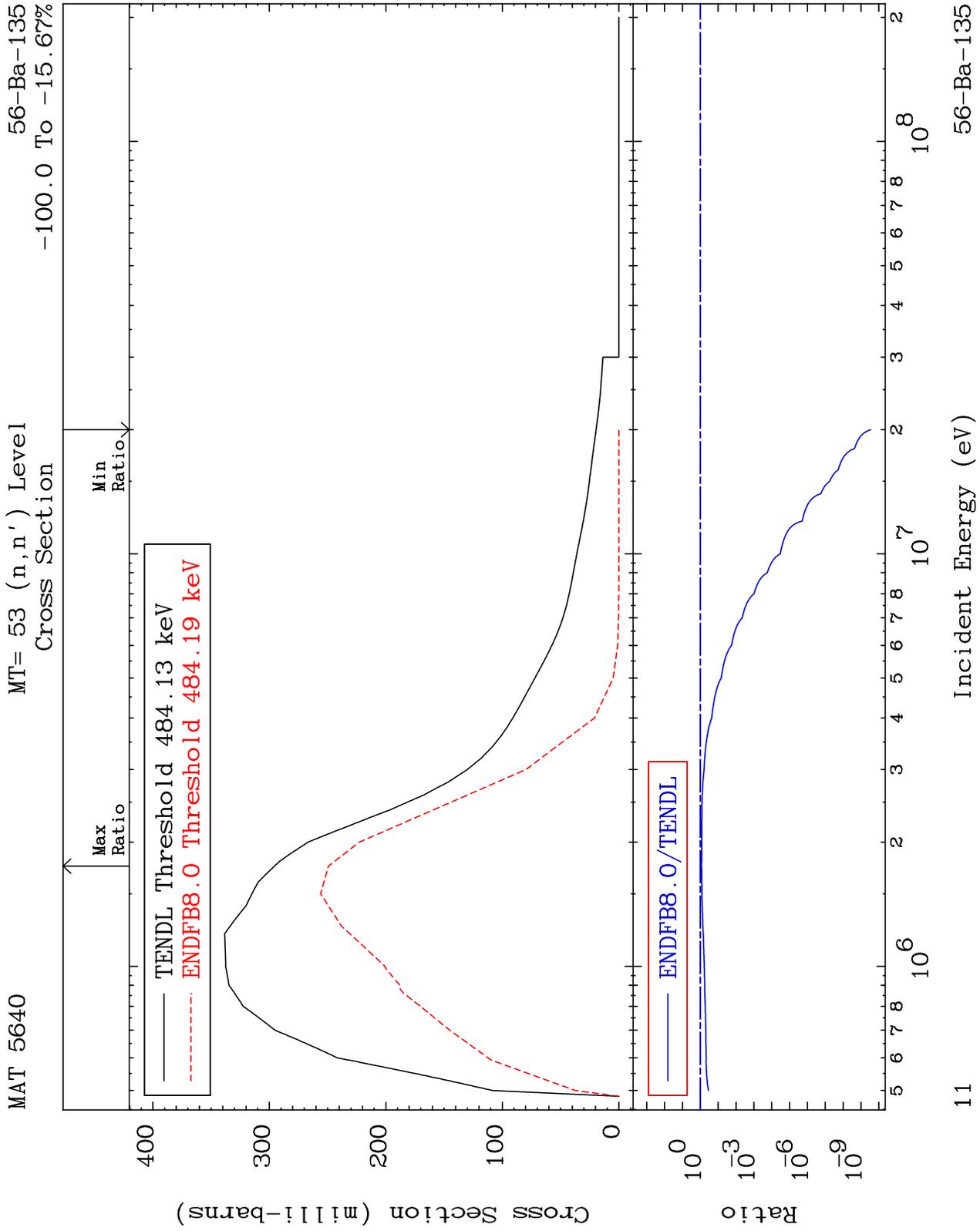
56-Ba-135  
-100.0 To 172.3 %



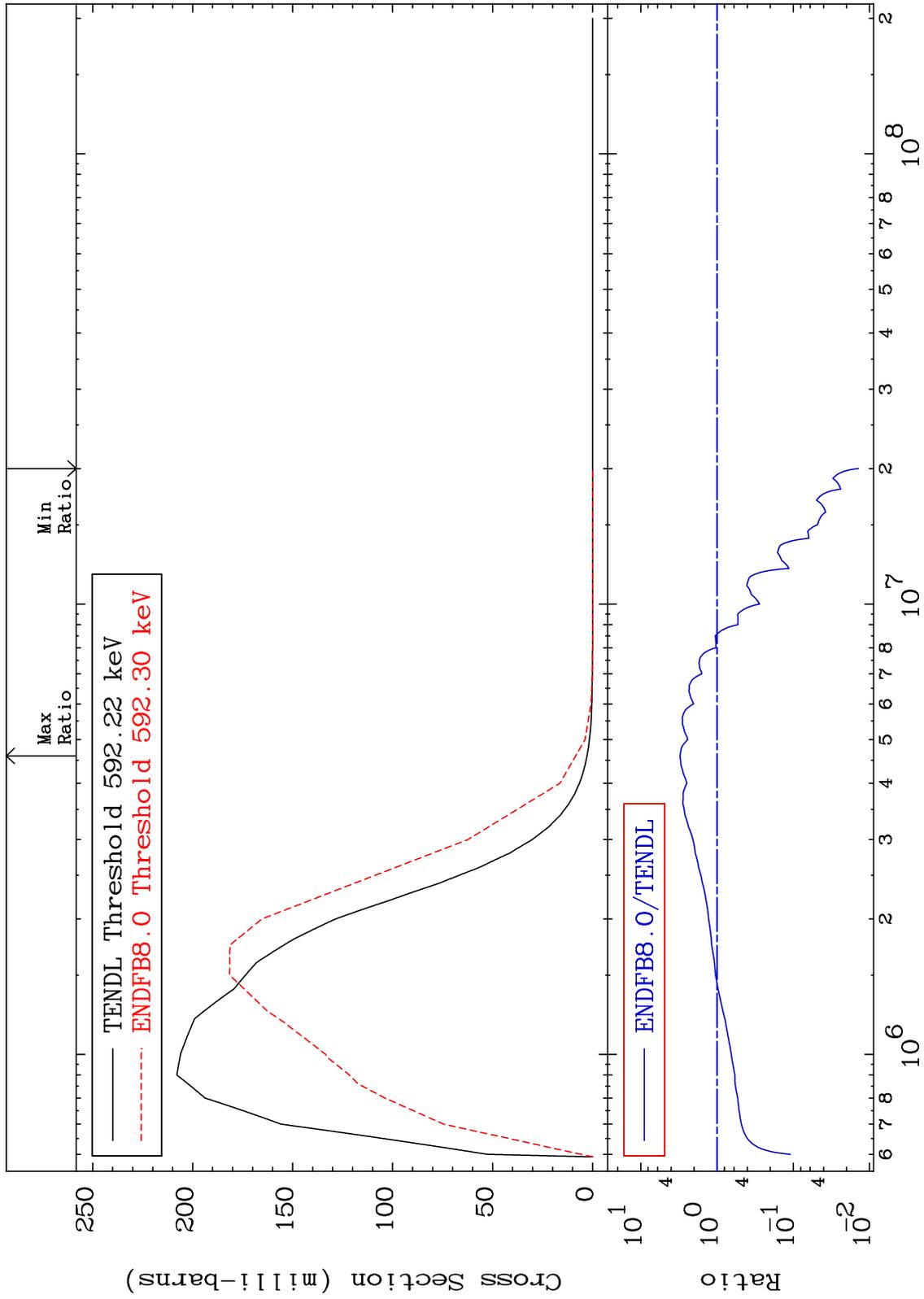
10

Incident Energy (eV)

56-Ba-135



MAT 5640 MT= 54 (n,n') Level Cross Section 56-Ba-135 -98.60 To 206.1 %

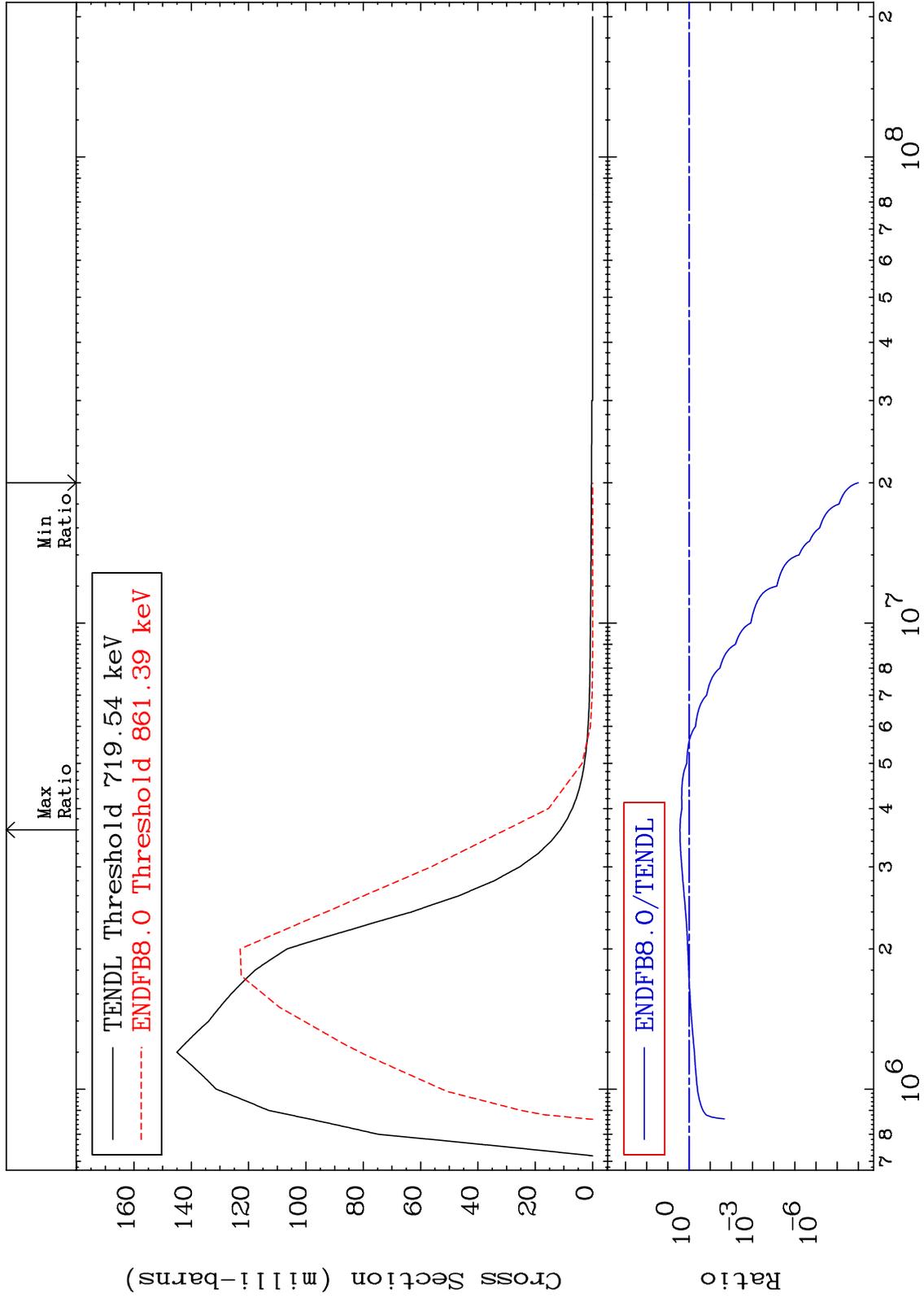


12 Incident Energy (eV) 56-Ba-135

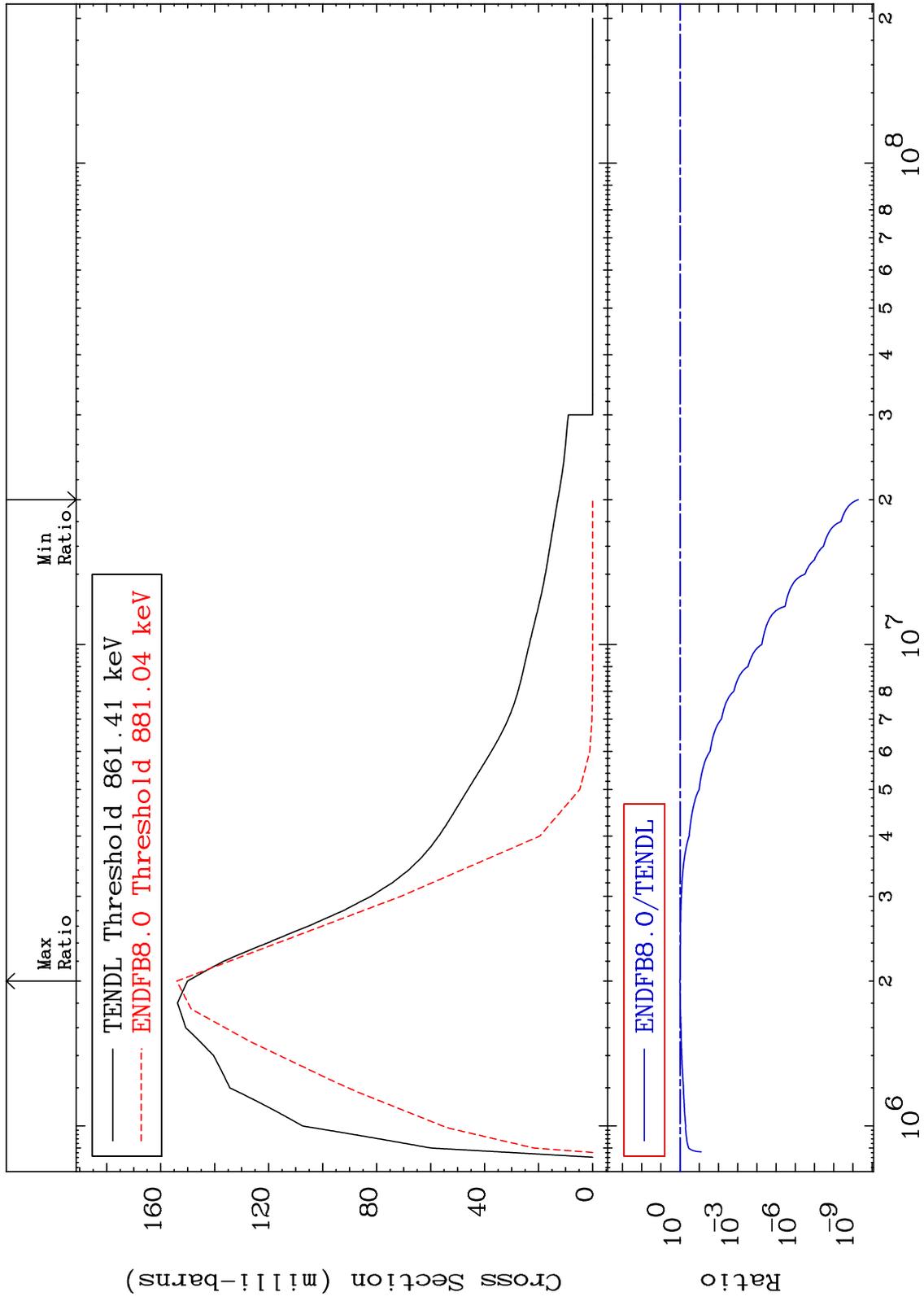
MAT 5640

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

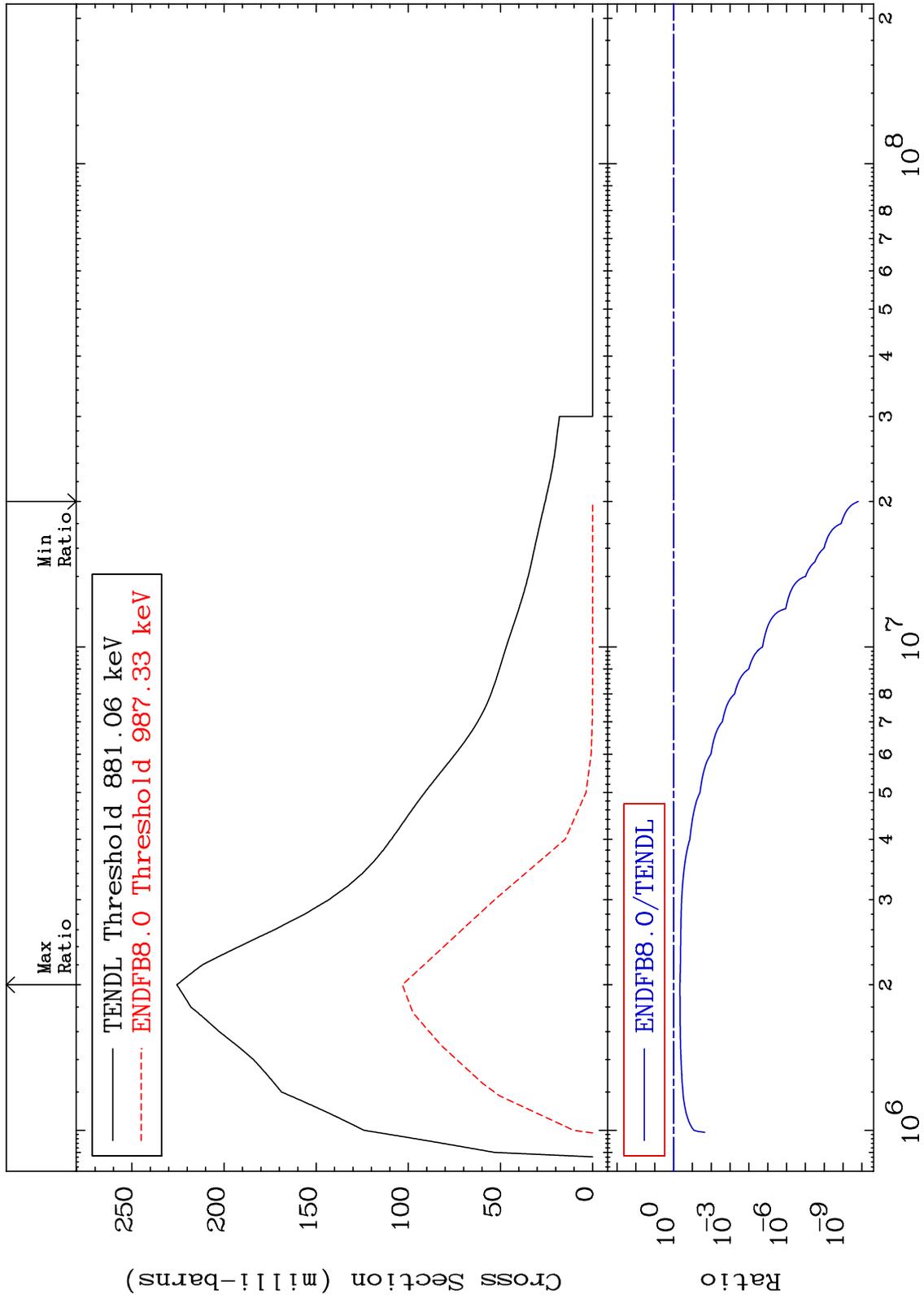
56-Ba-135  
-100.0 To 170.2 %



MAT 5640 MT= 56 (n,n') Level  
Cross Section 56-Ba-135  
-100.0 To 2.654 %



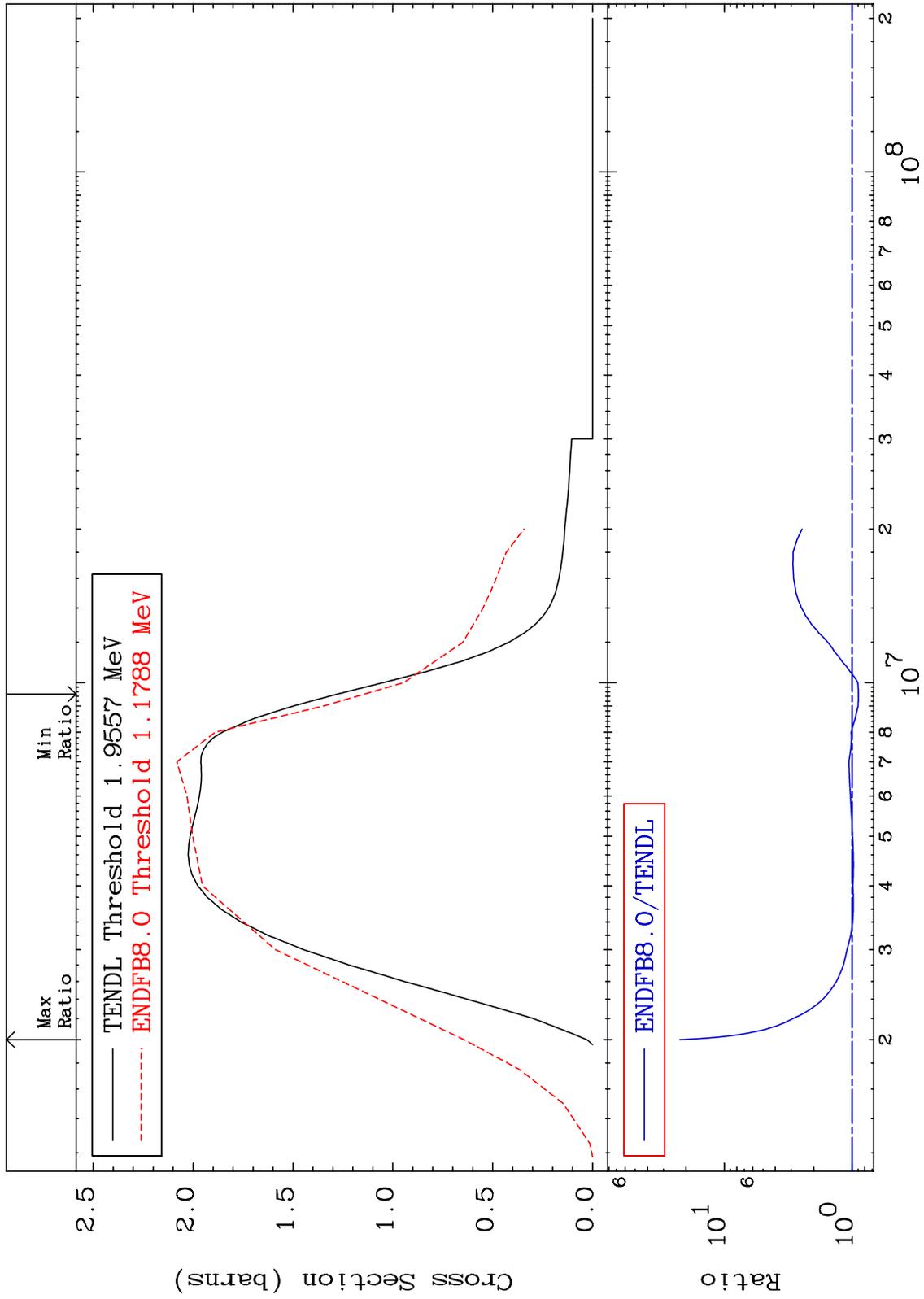
MAT 5640 MT= 57 (n, n') Level  
Cross Section 56-Ba-135  
-100.0 To -54.26%



MAT 5640

(n, n') Continuum  
Cross Section

56-Ba-135  
-10.56 To 2130. %



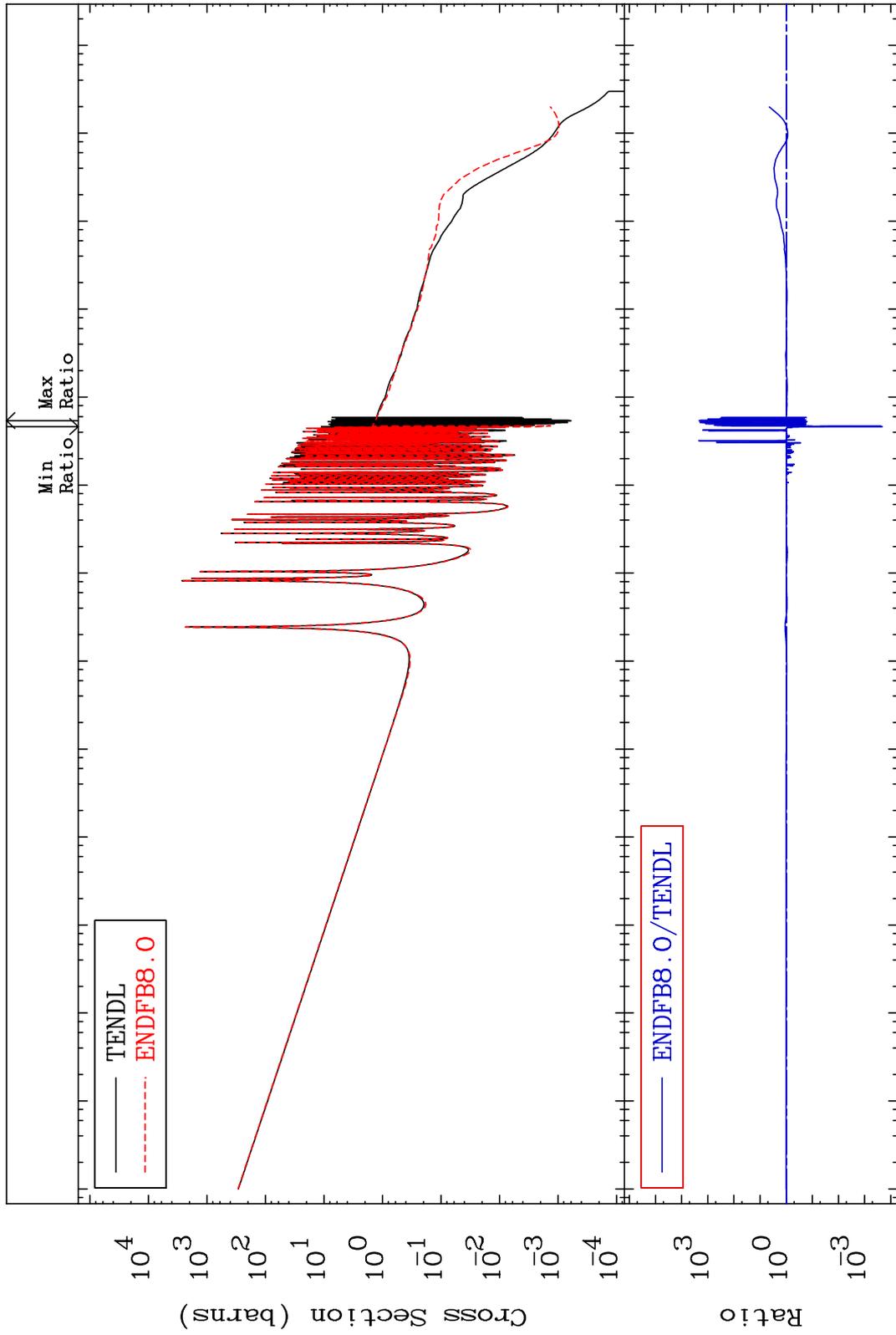
MAT 5640

(n,  $\gamma$ )

56-Ba-135

Cross Section

-99.98 To 9999. %



Incident Energy (eV)

56-Ba-135

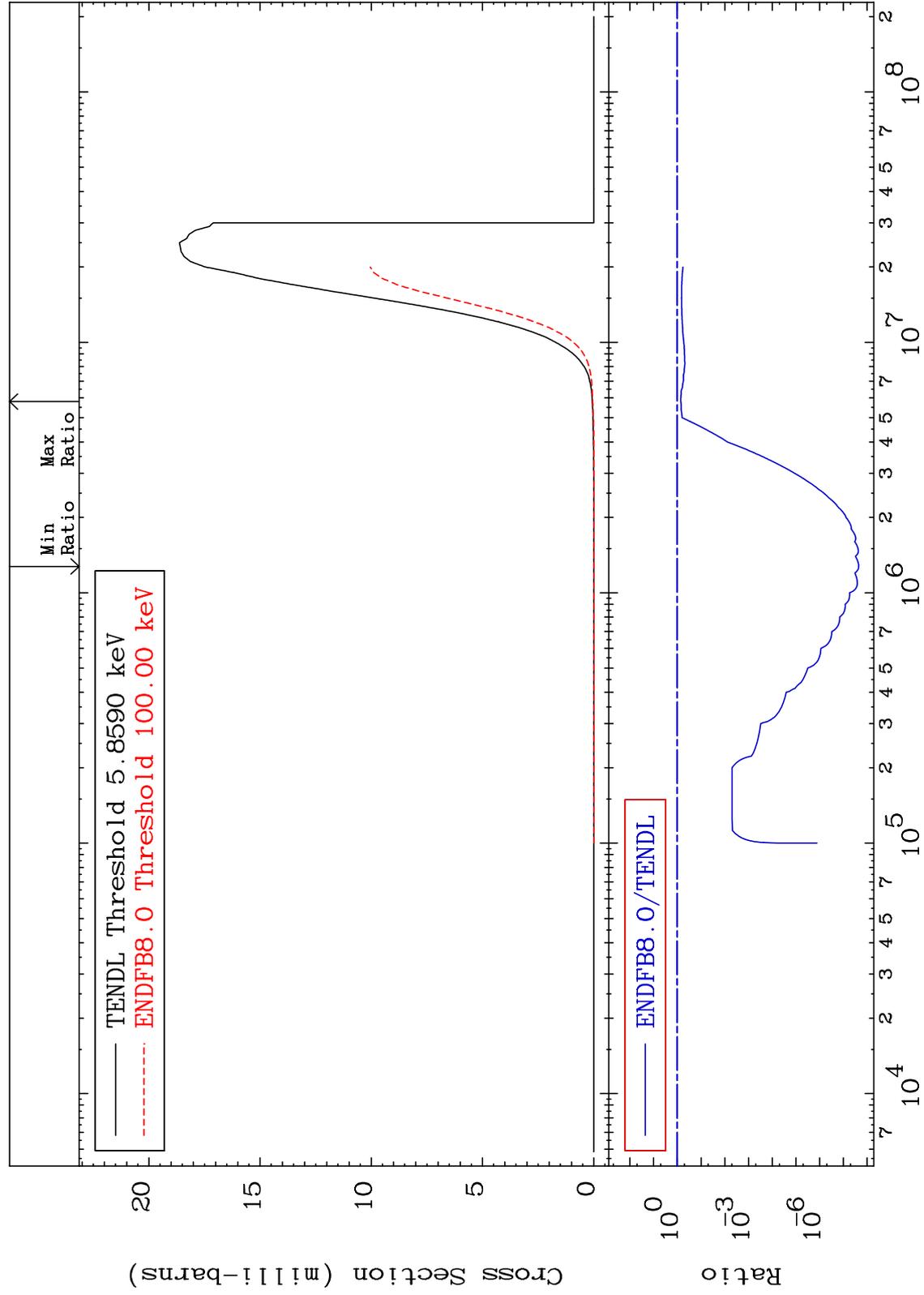
MAT 5640

(n, p)

56-Ba-135

Cross Section

-100.0 To -28.57%



18

56-Ba-135

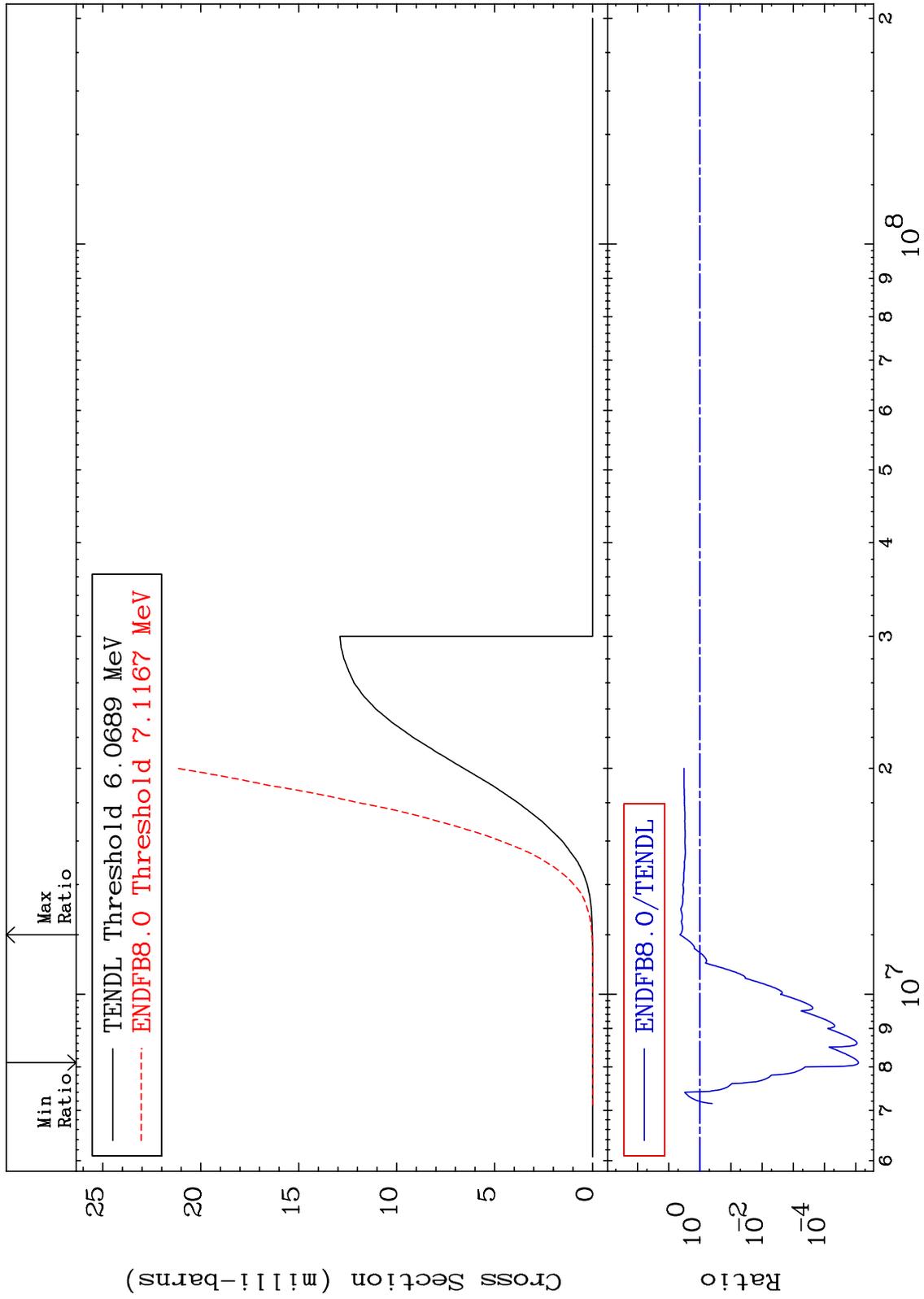
MAT 5640

(n, d)

56-Ba-135

Cross Section

-100.0 To 334.7 %



19

56-Ba-135

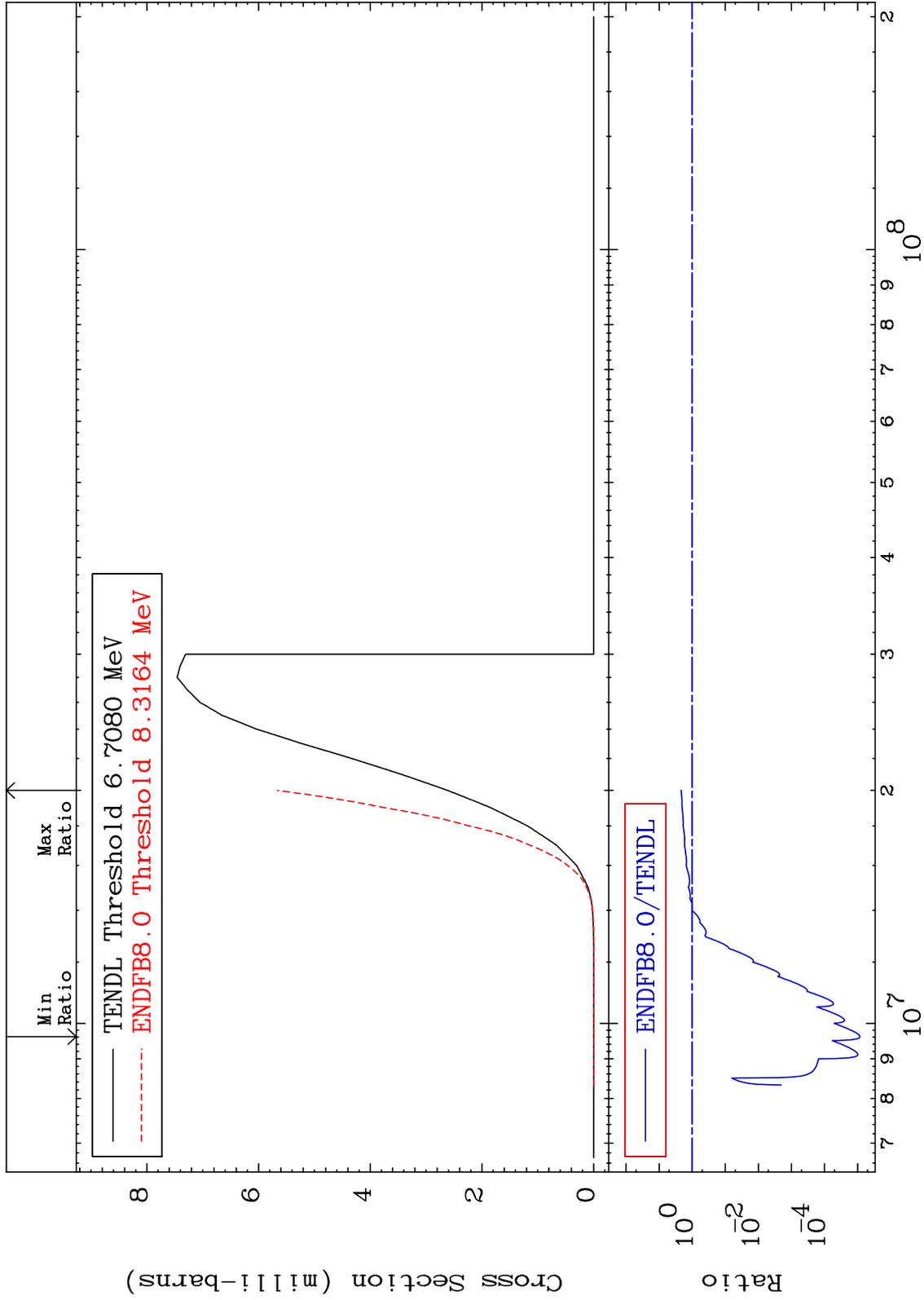
MAT 5640

(n, t)

56-Ba-135

Cross Section

-100.0 To 116.7 %



20

Incident Energy (eV)

56-Ba-135

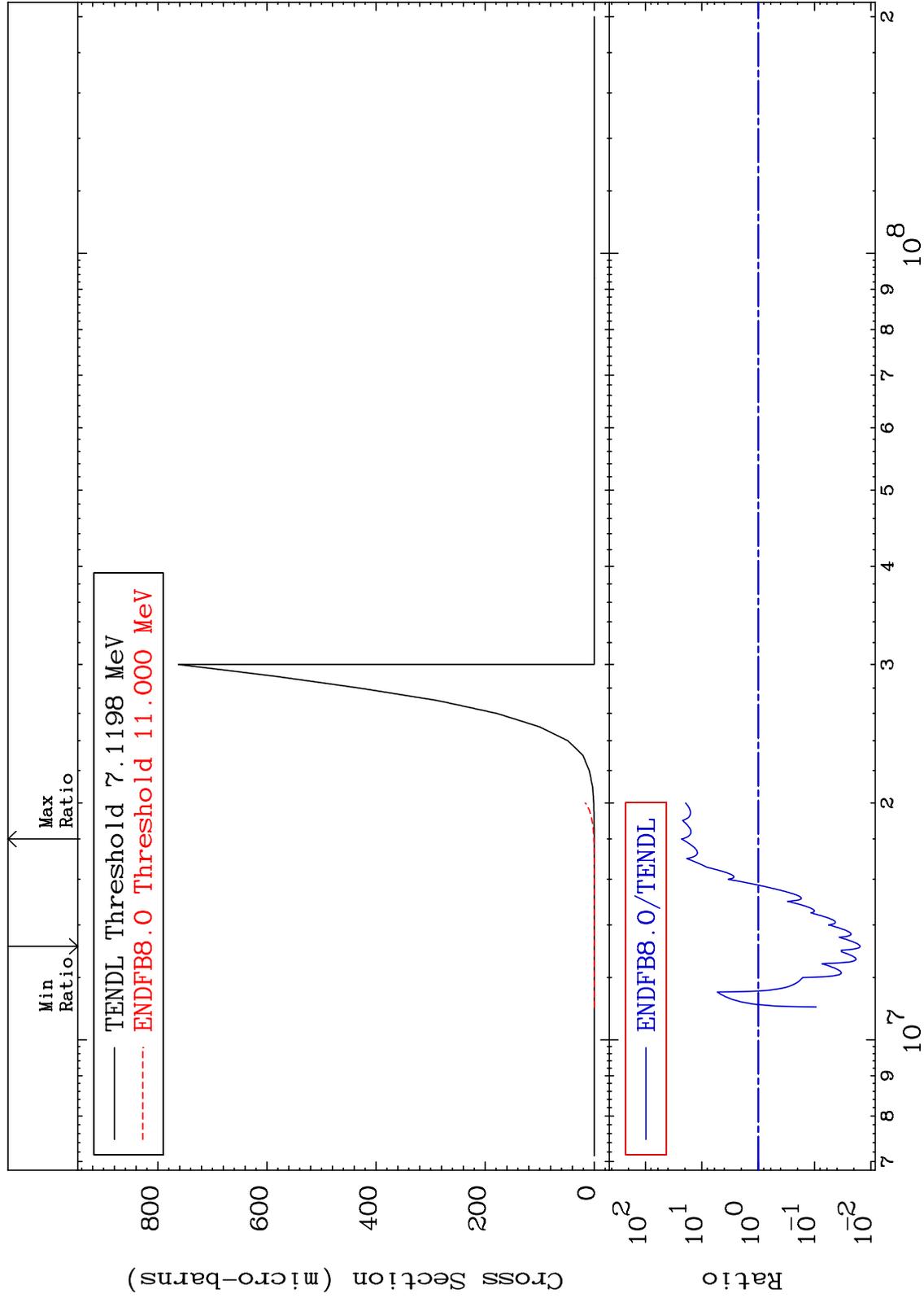
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

-98.44 To 2191. %



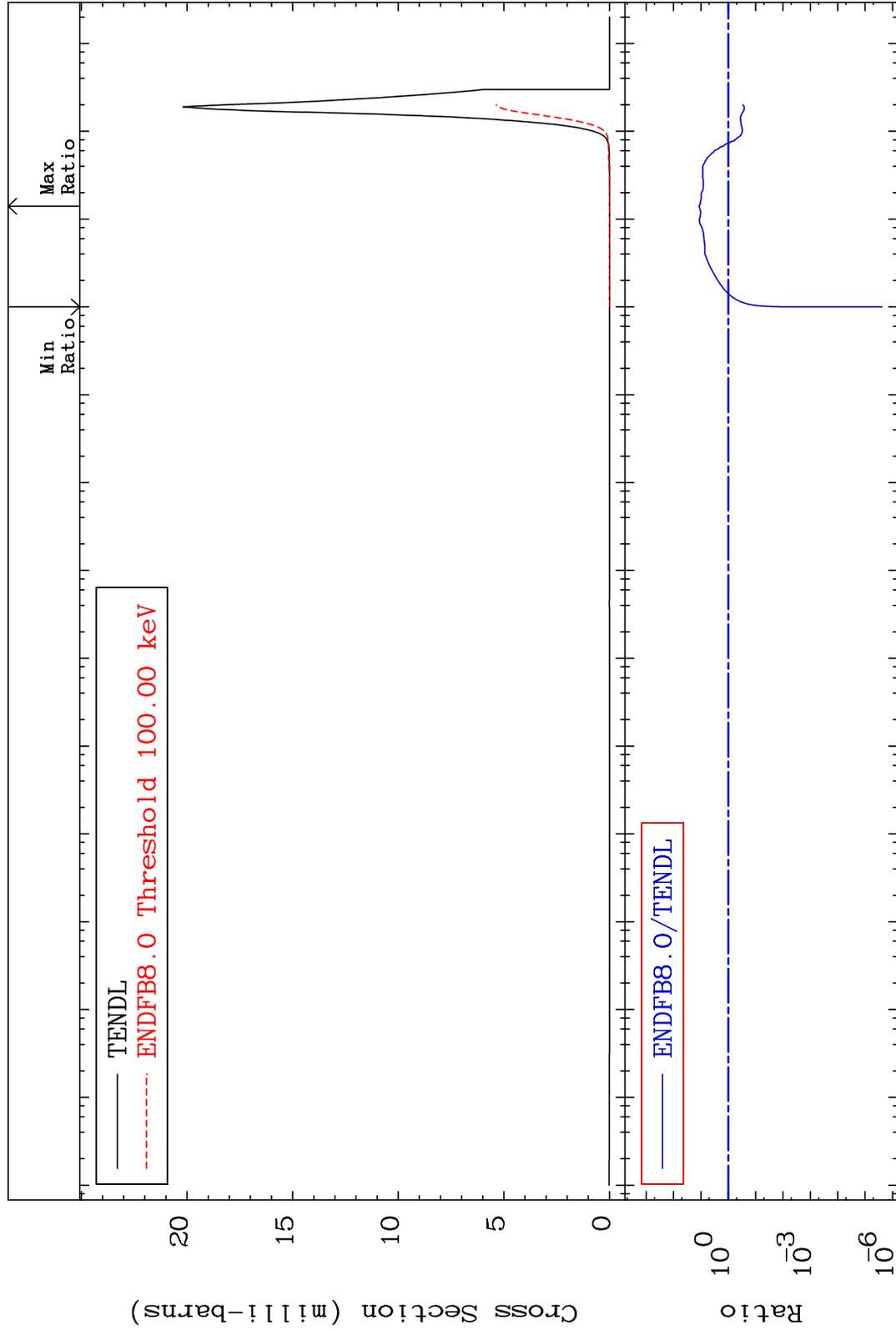
MAT 5640

(n,  $\alpha$ )

56-Ba-135

Cross Section

-100.0 To 1070. %



22

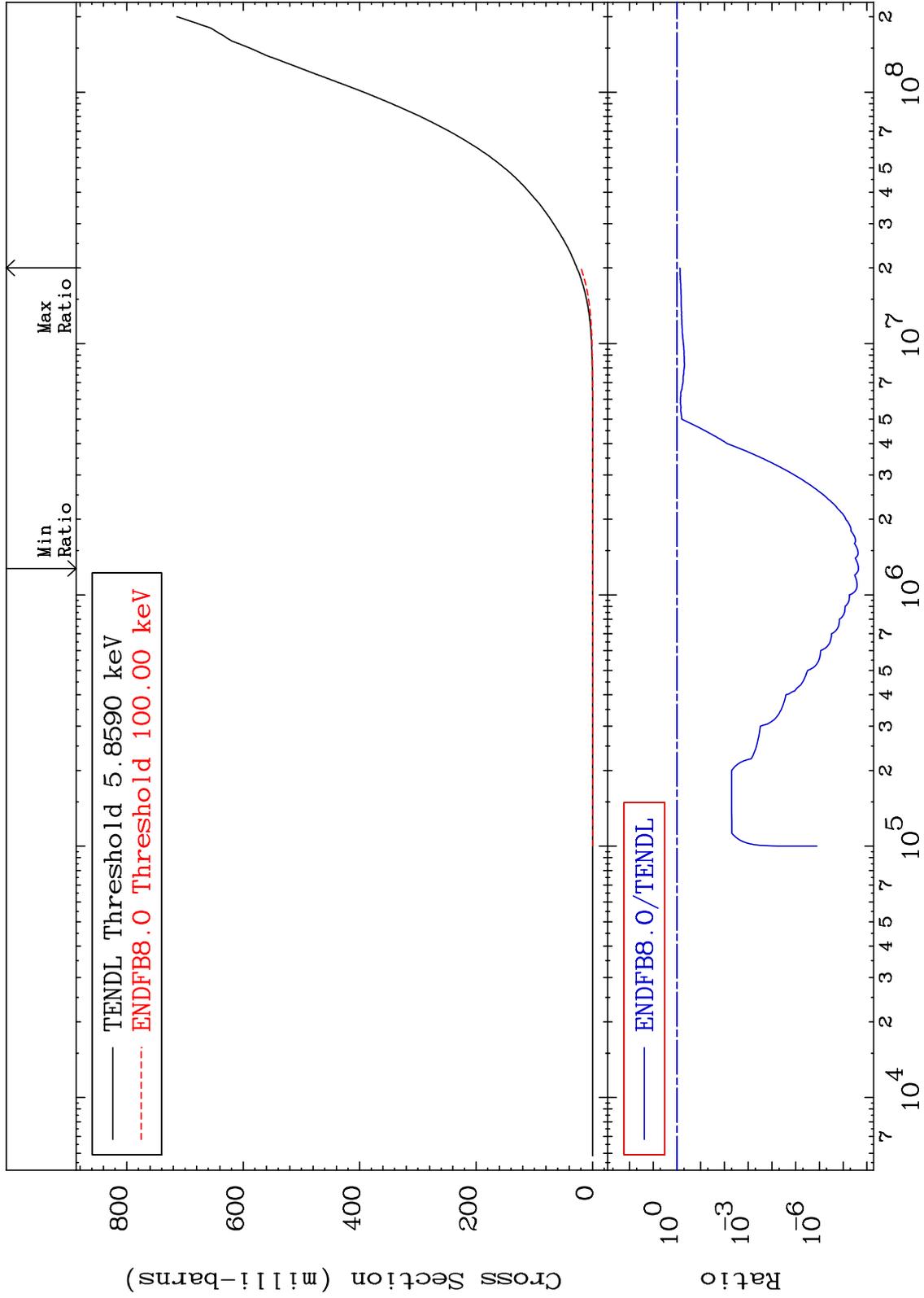
Incident Energy (eV)

56-Ba-135

MAT 5640

Hydrogen Production  
Cross Section

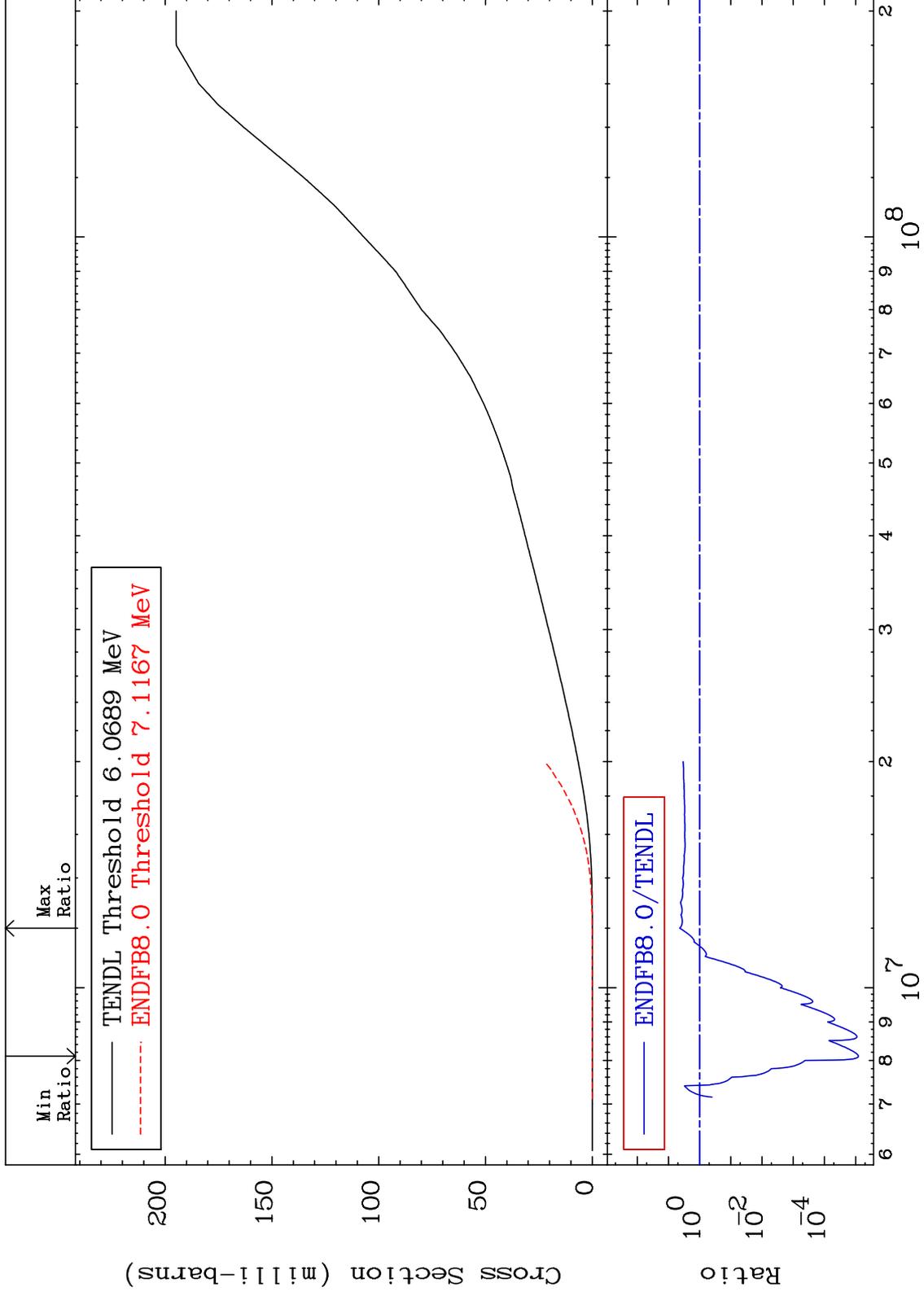
56-Ba-135  
-100.0 To -25.27%



MAT 5640

Deuterium Production  
Cross Section

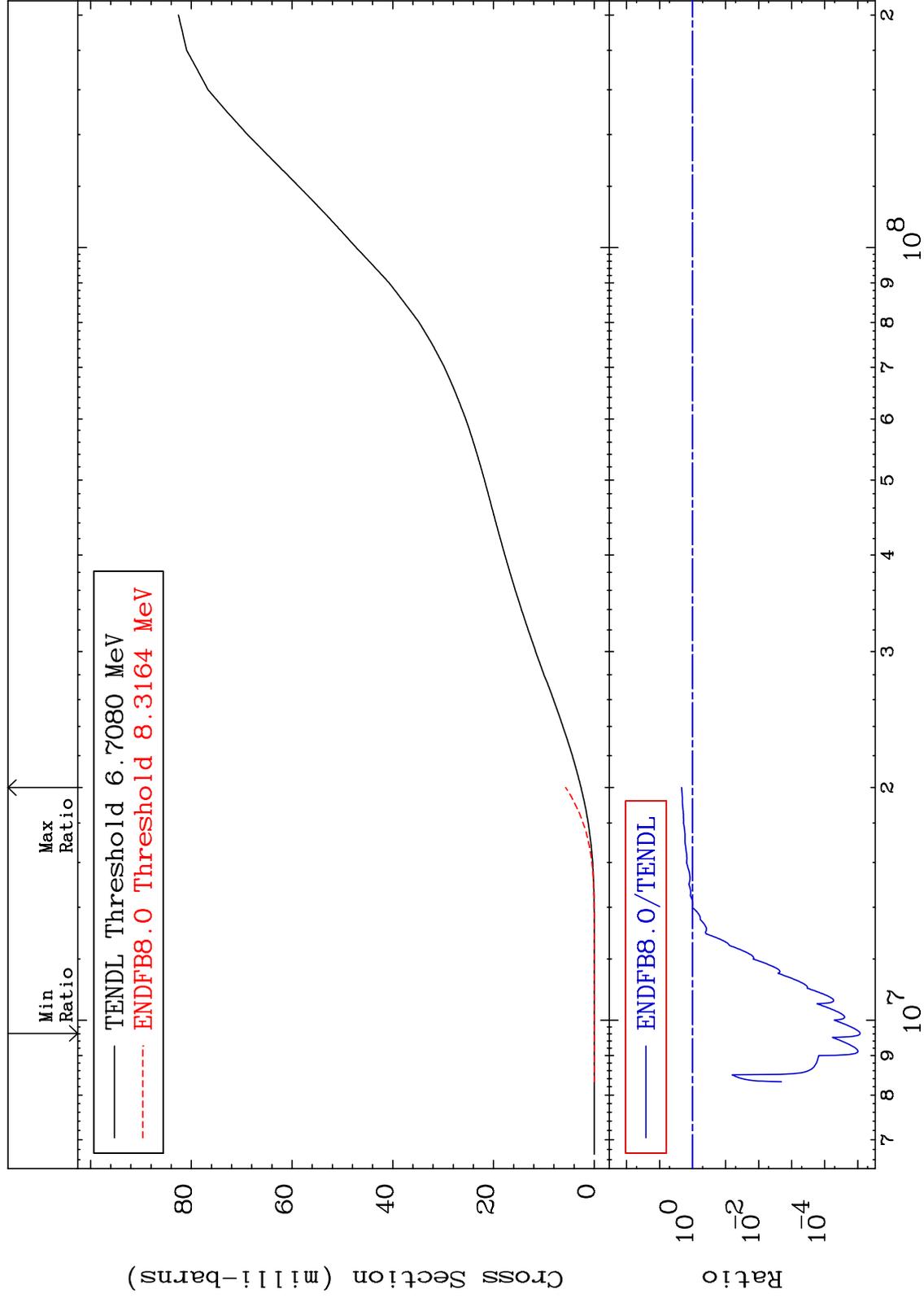
56-Ba-135  
-100.0 To 334.7 %



MAT 5640

Tritium Production  
Cross Section

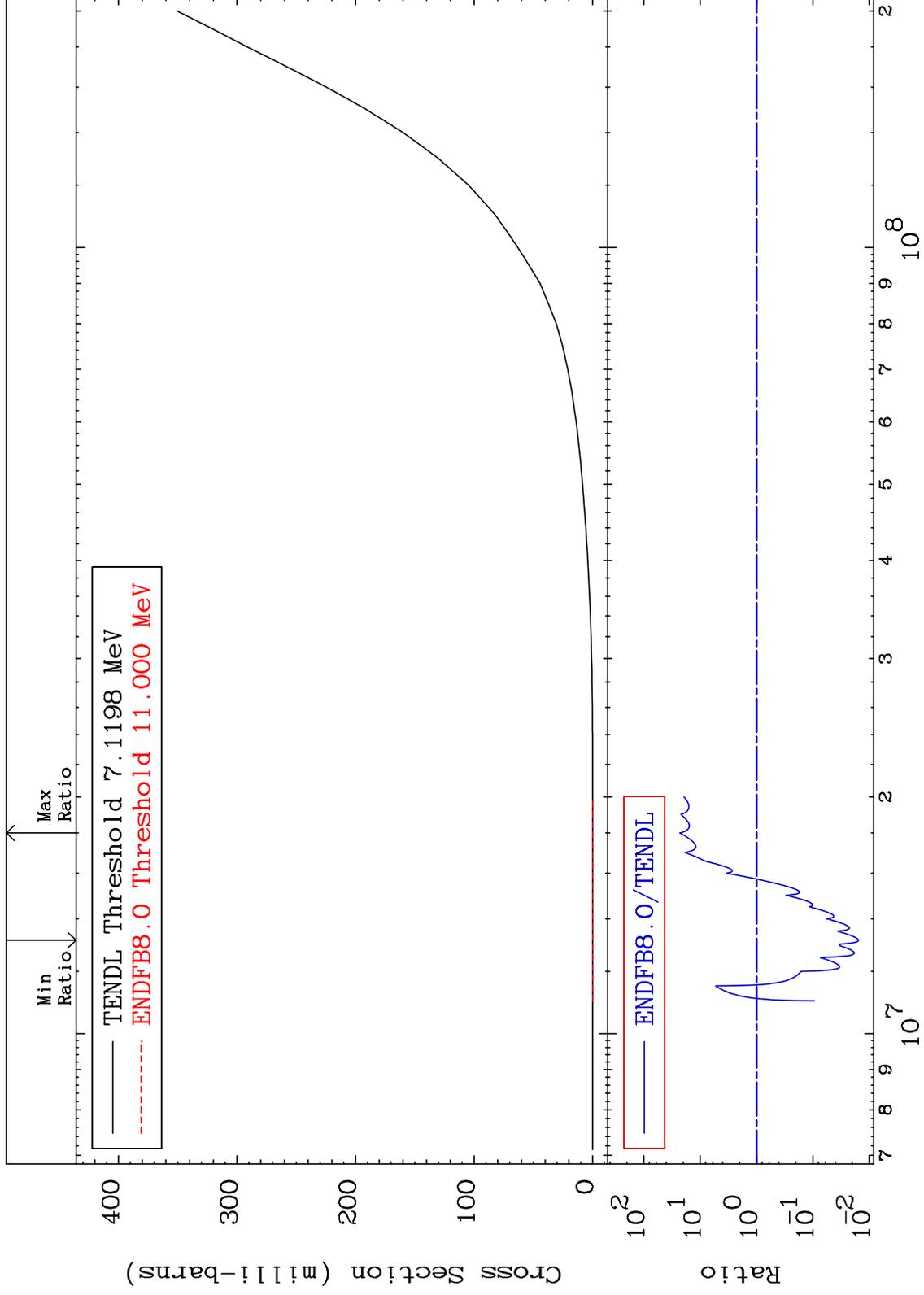
56-Ba-135  
-100.0 To 116.7 %



MAT 5640

He-3 Production  
Cross Section

56-Ba-135  
-98.44 To 2191. %



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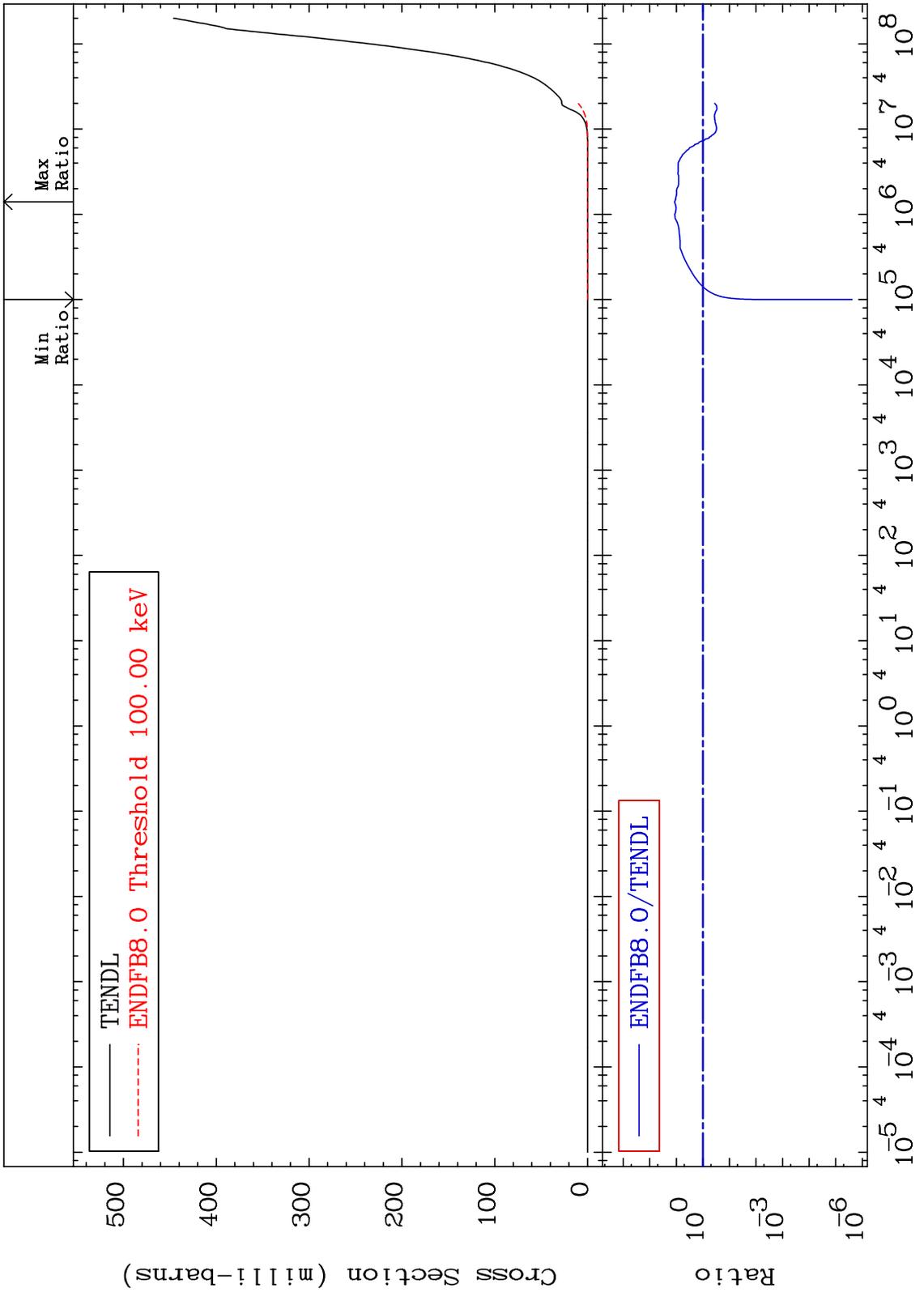
Incident Energy (eV)

56-Ba-135

MAT 5640

He-4 Production  
Cross Section

56-Ba-135  
-100.0 To 1070. %



27

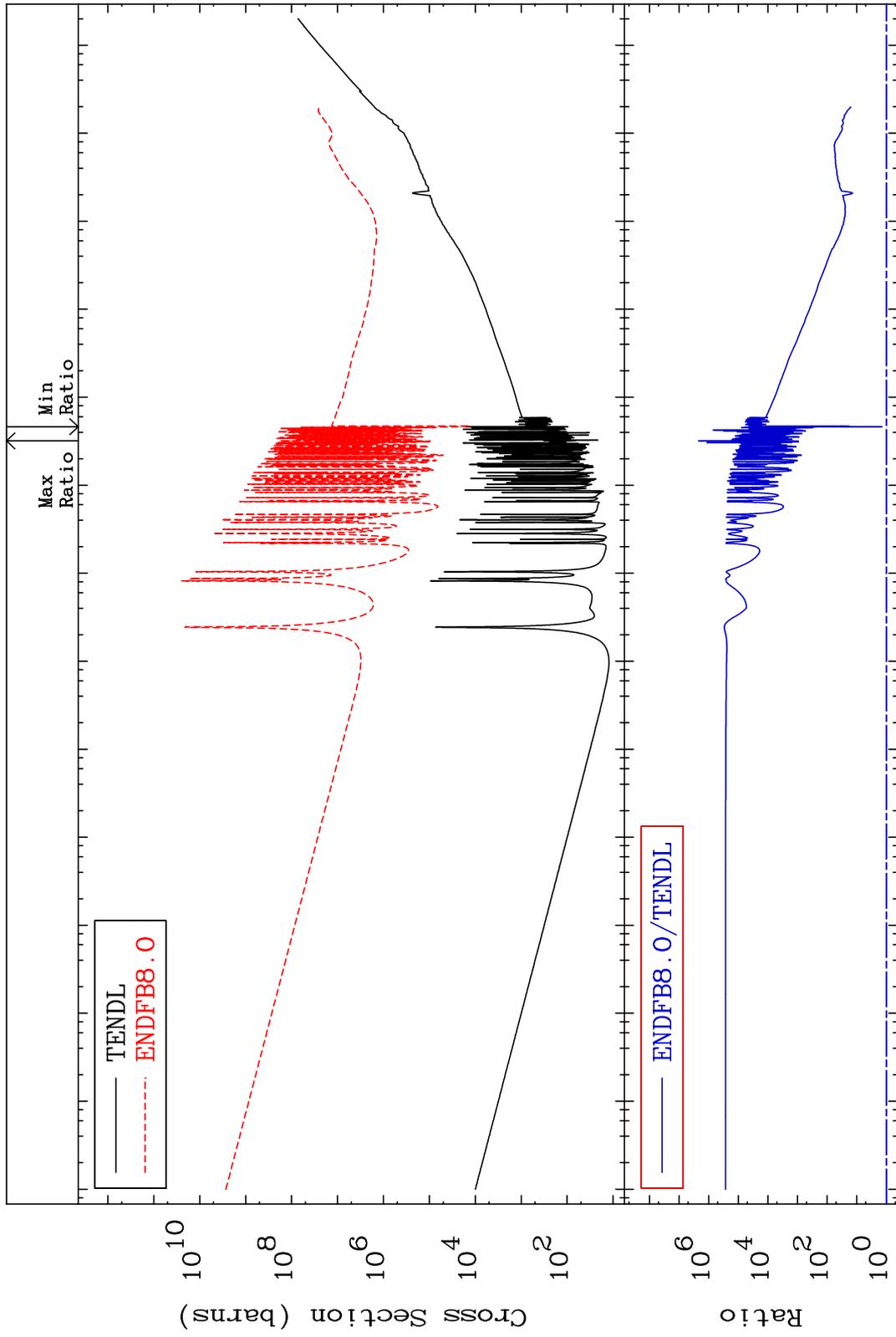
Incident Energy (eV)

56-Ba-135

MAT 5640

Kerma total (eV-barns)  
Cross Section

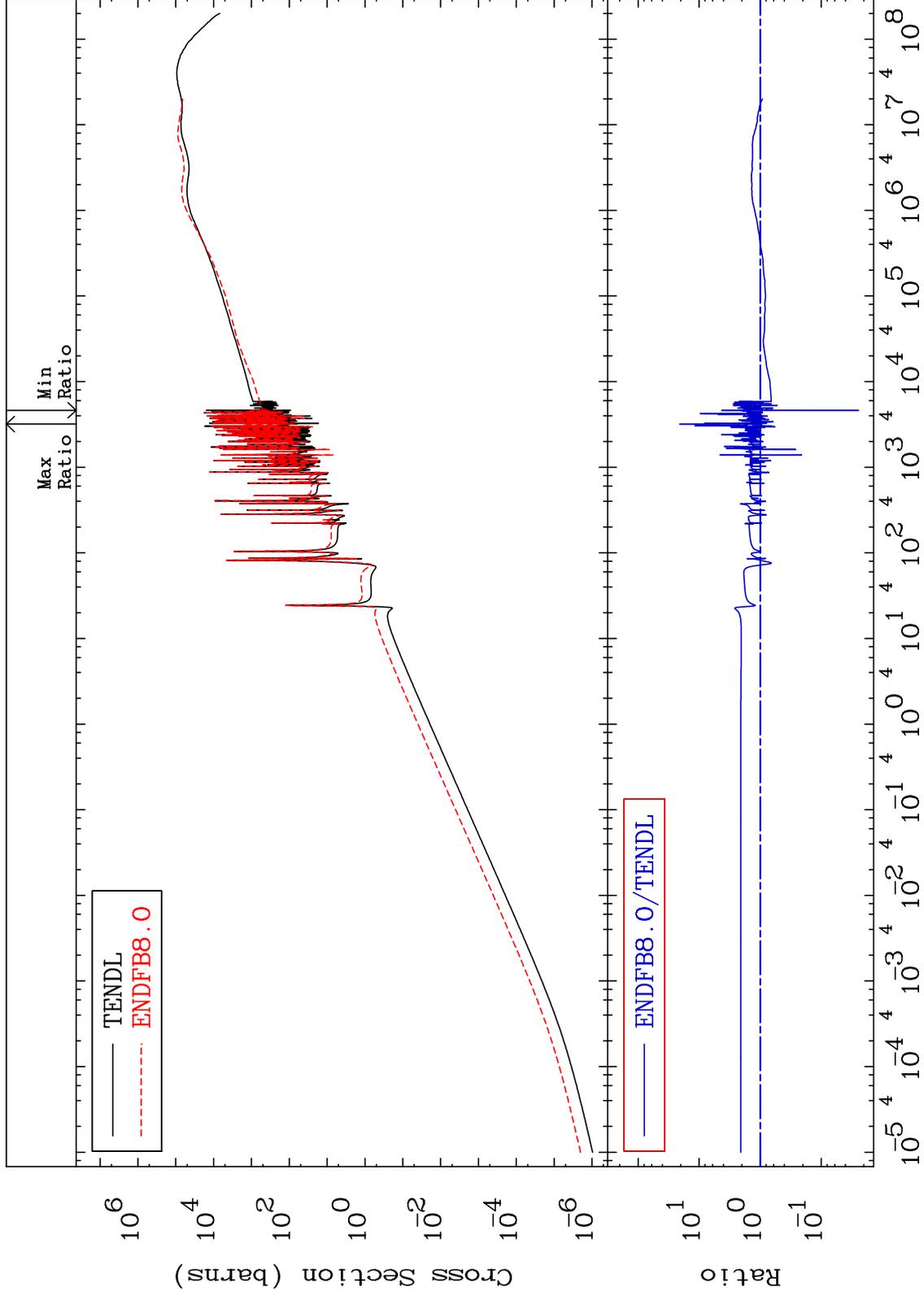
56-Ba-135  
39.38 To 9999. %



MAT 5640

Kerma elastic  
Cross Section

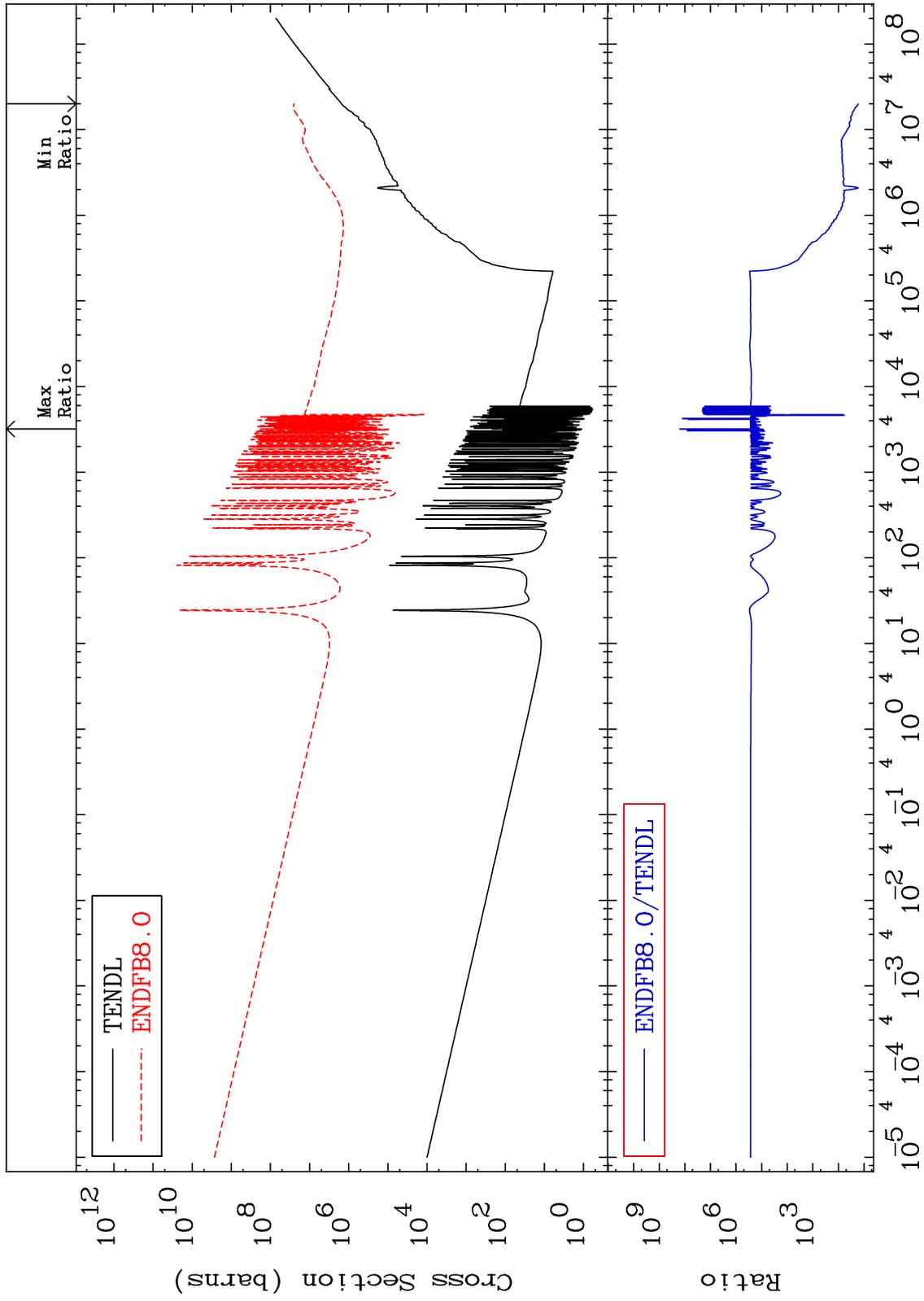
56-Ba-135  
-97.54 To 1963. %



MAT 5640

Kerma non-elastic (all but mt2)  
Cross Section

56-Ba-135  
1554. To 9999. %

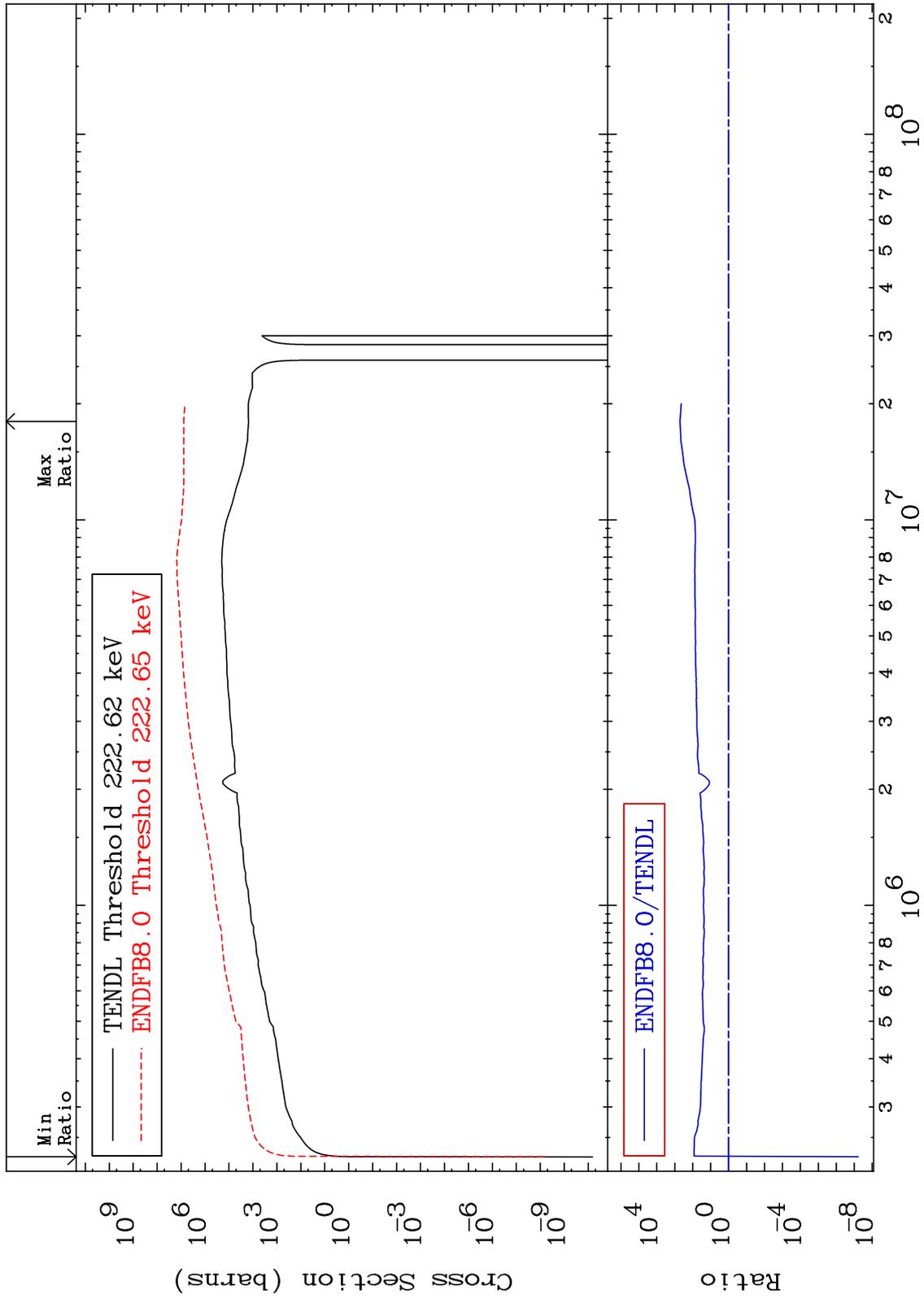


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Incident Energy (eV)

56-Ba-135

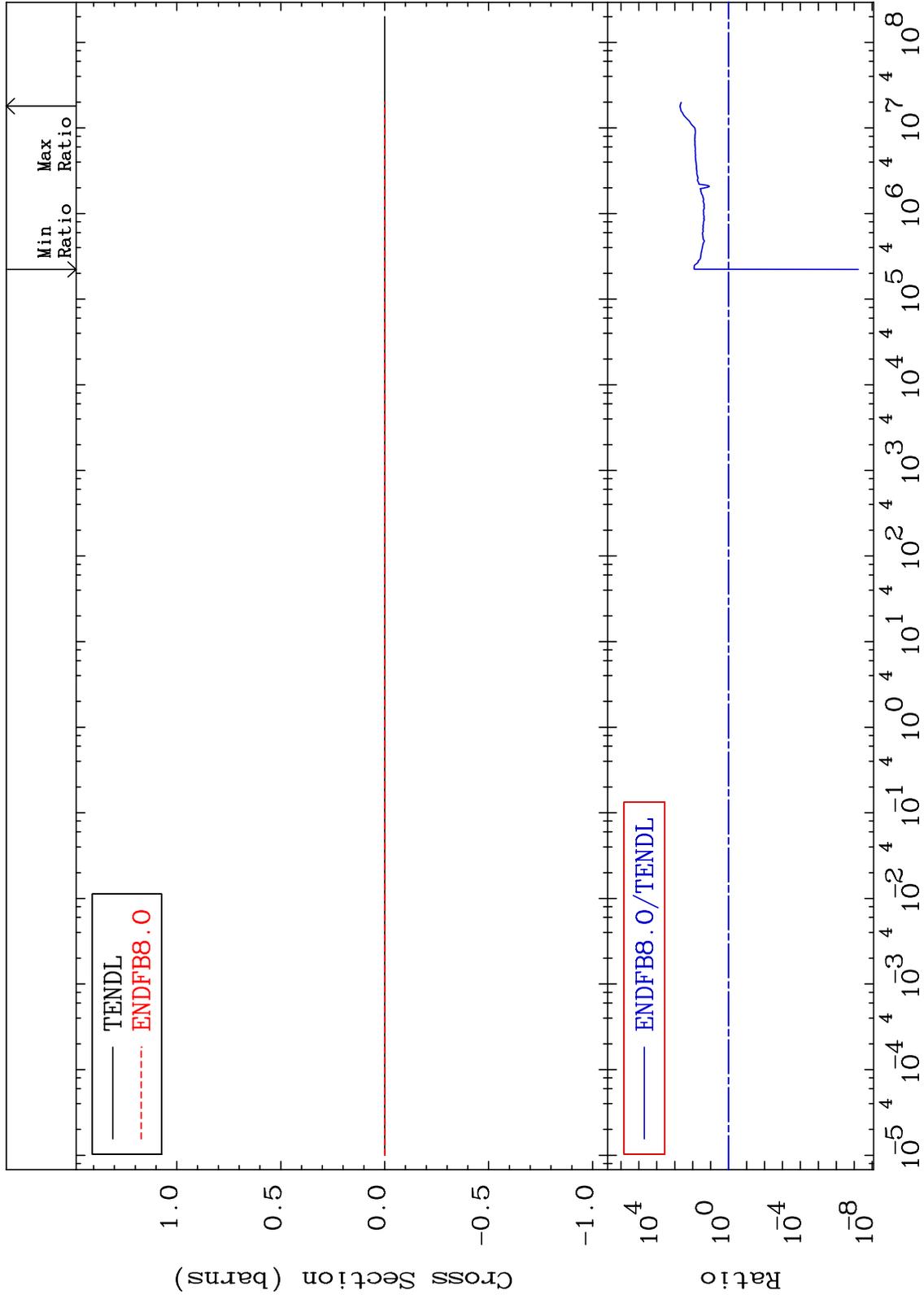
MAT 5640      Kerma inelastic (mt51-91)      56-Ba-135  
 -100.0 To 9999. %  
 Cross Section



MAT 5640

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

56-Ba-135  
-100.0 To 9999. %



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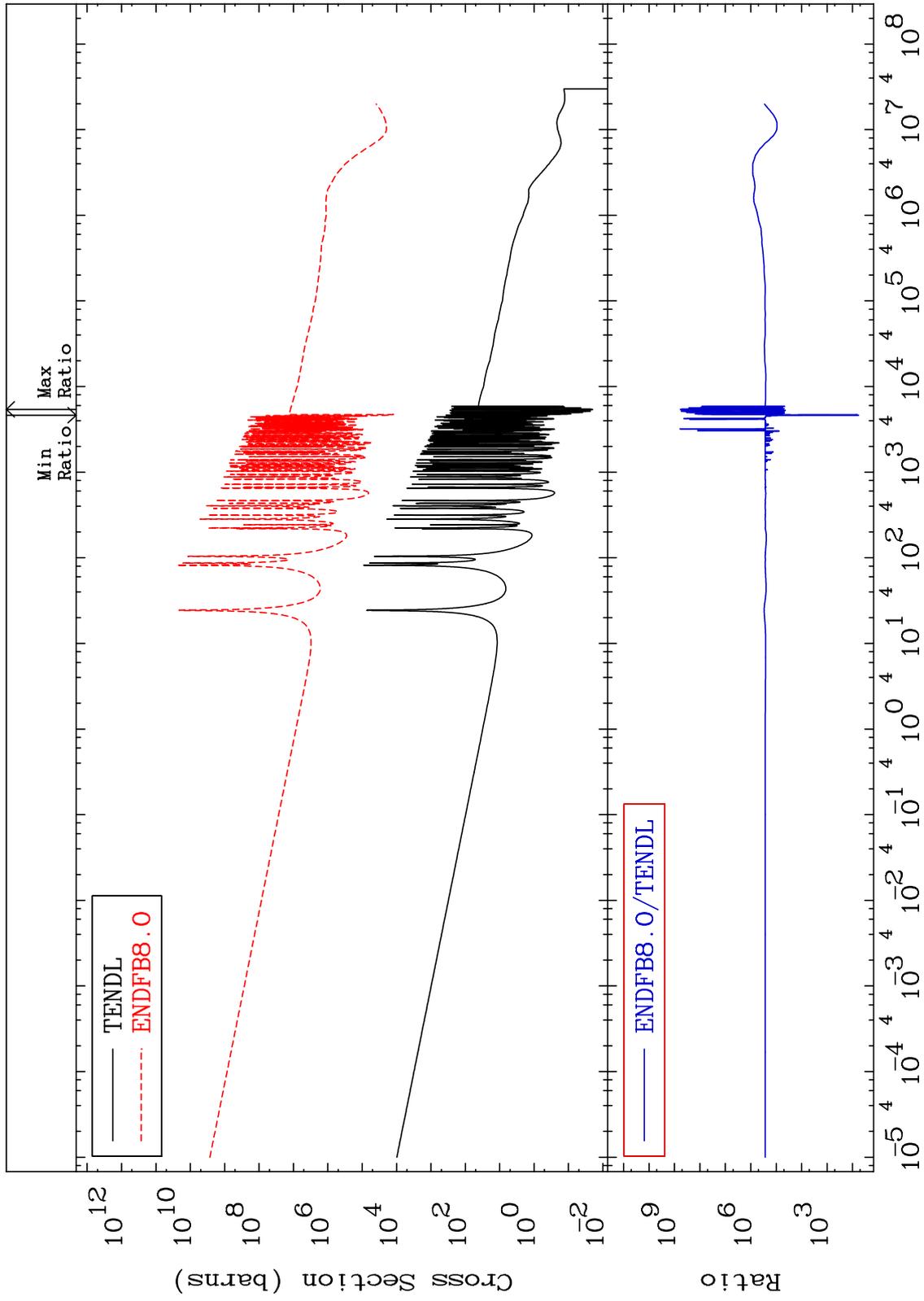
Incident Energy (eV)

56-Ba-135

MAT 5640

Kerma capture (mt102)  
Cross Section

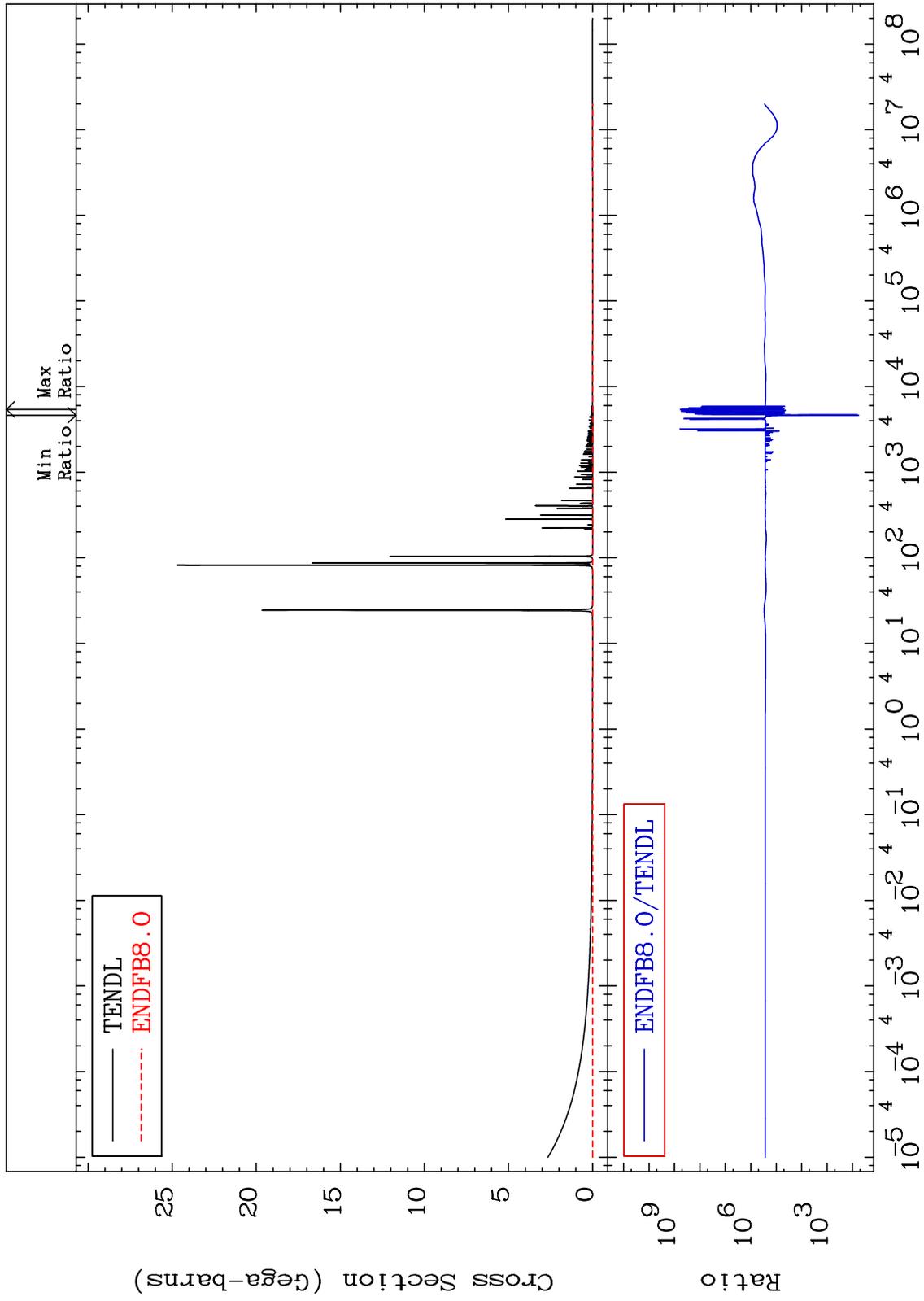
56-Ba-135  
5776. To 9999. %



MAT 5640

Total photon (eV-barns)  
Cross Section

56-Ba-135  
5776. To 9999. %



34

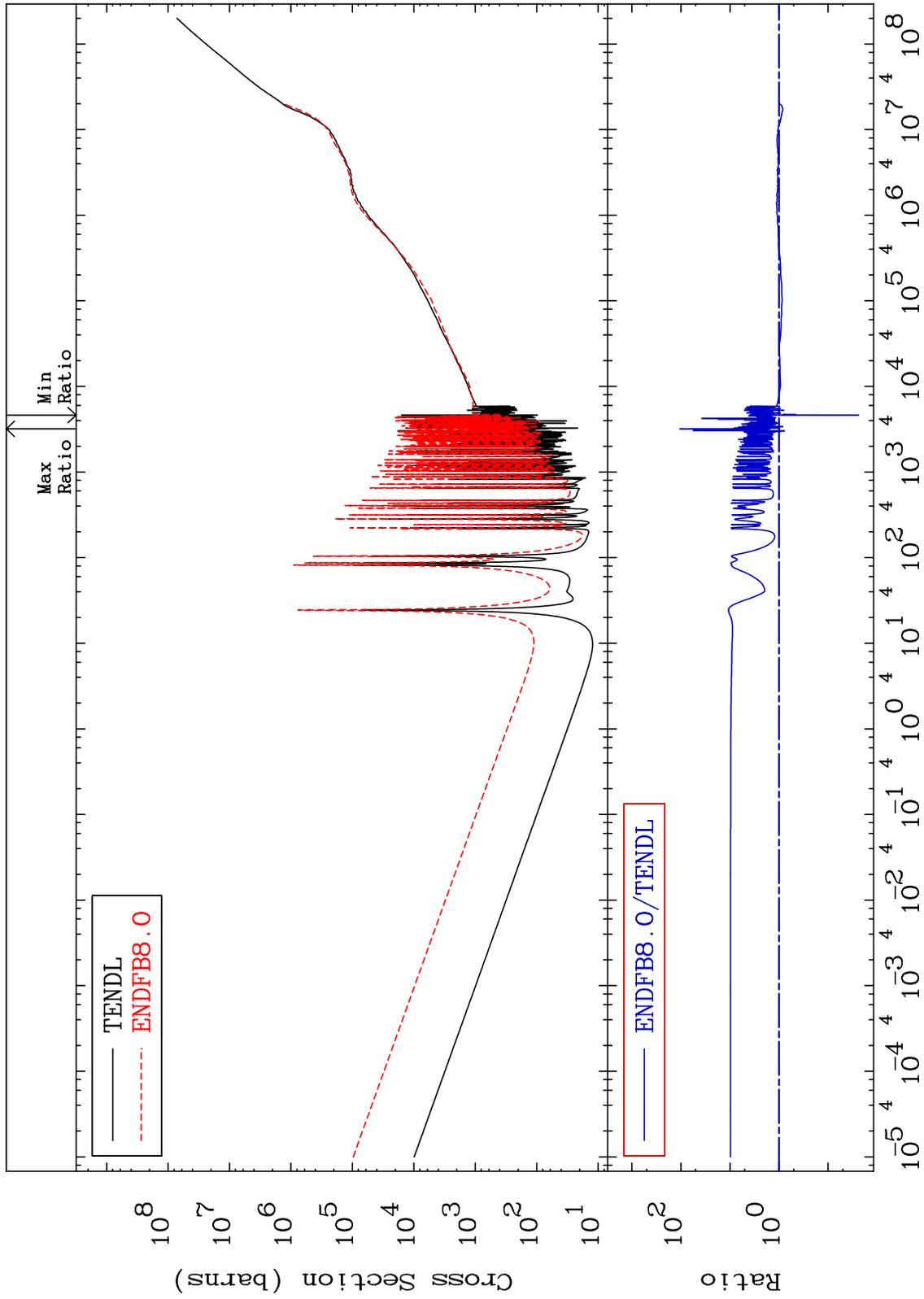
Incident Energy (eV)

56-Ba-135

MAT 5640

Total kinematic kerma (high limit)  
Cross Section

56-Ba-135  
-97.59 To 9999. %



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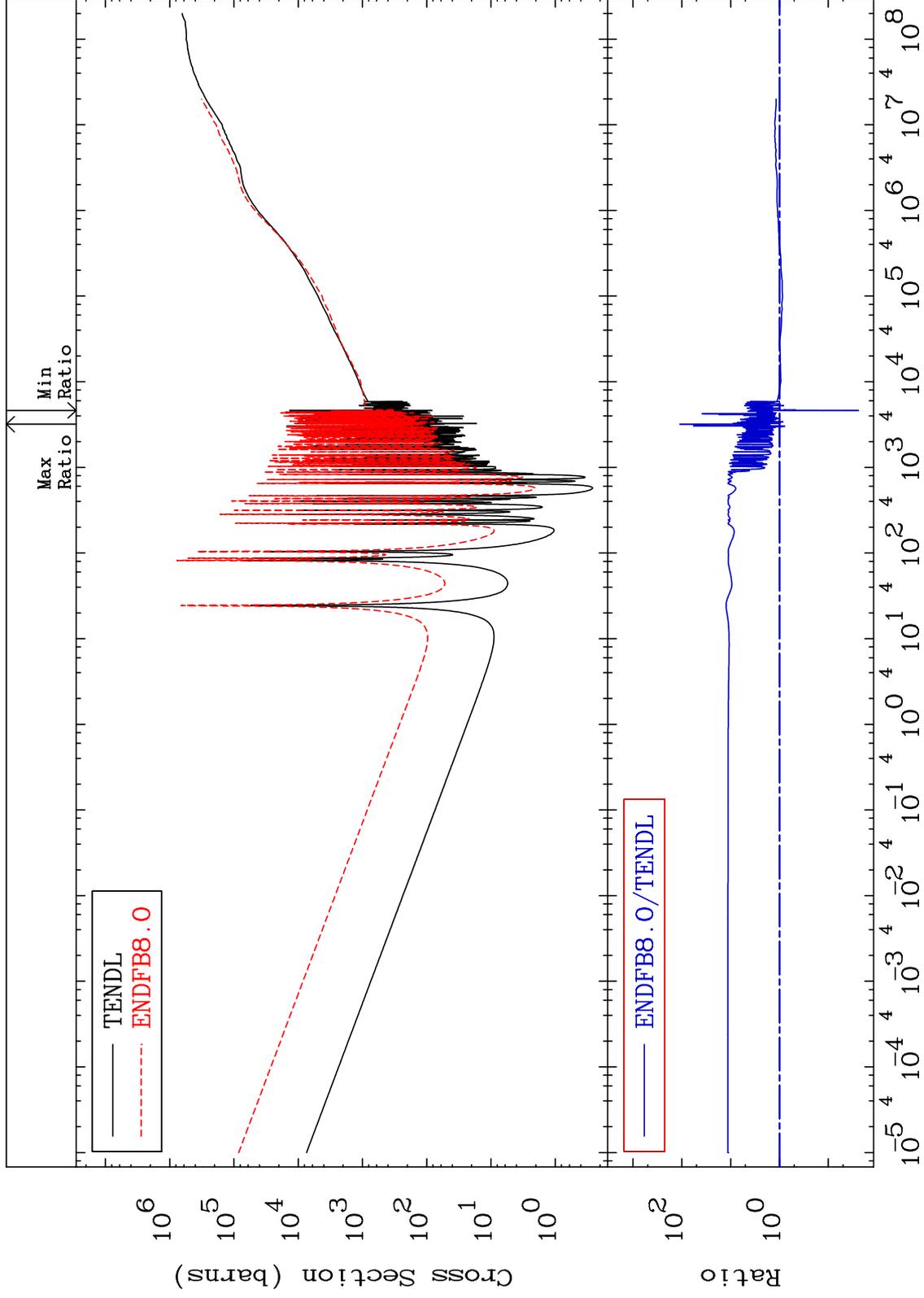
Incident Energy (eV)

56-Ba-135

MAT 5640

Dpa total (eV-barns)  
Cross Section

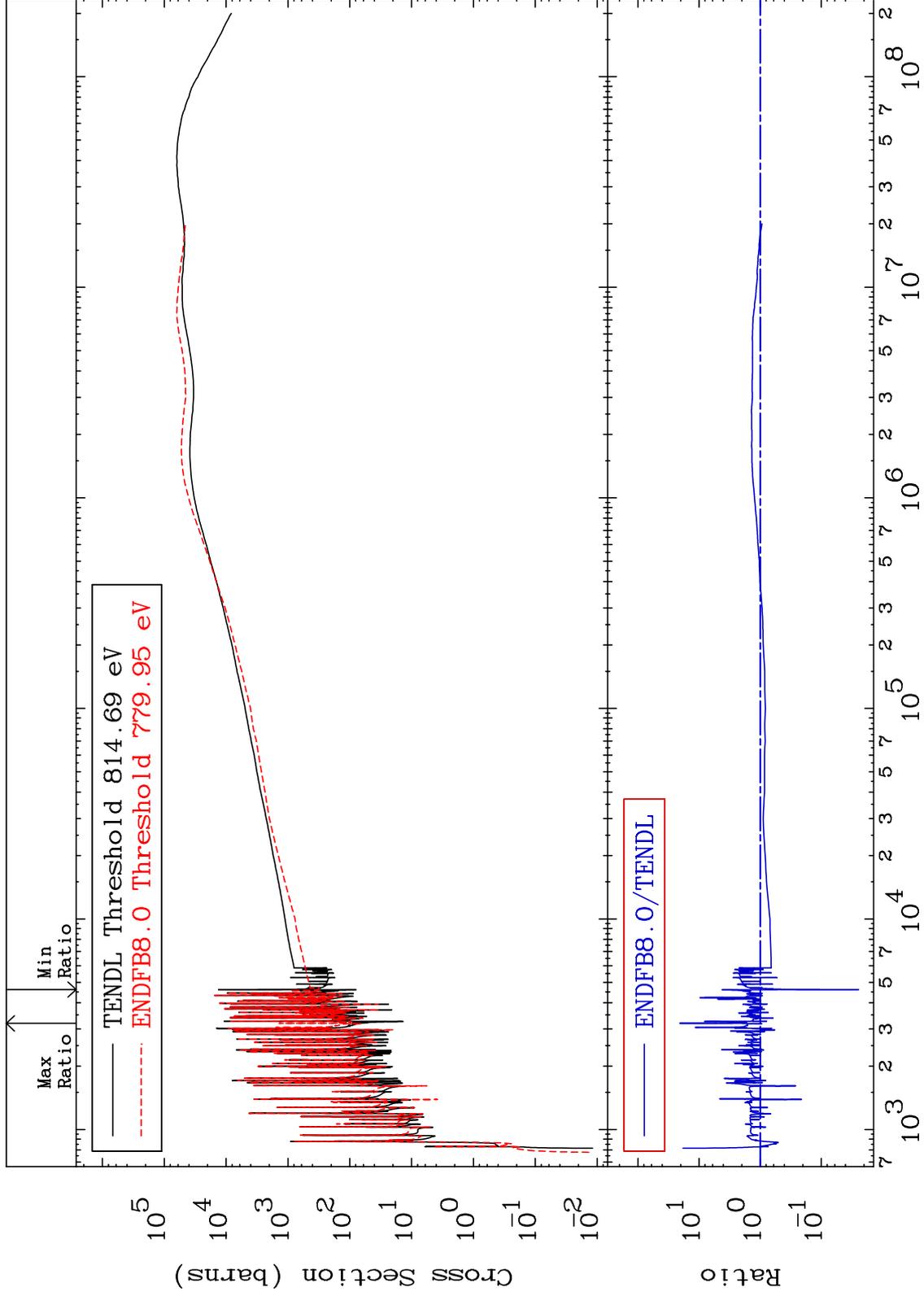
56-Ba-135  
-97.58 To 9999. %



MAT 5640

Dpa elastic (mt2)  
Cross Section

56-Ba-135  
-97.54 To 1954. %

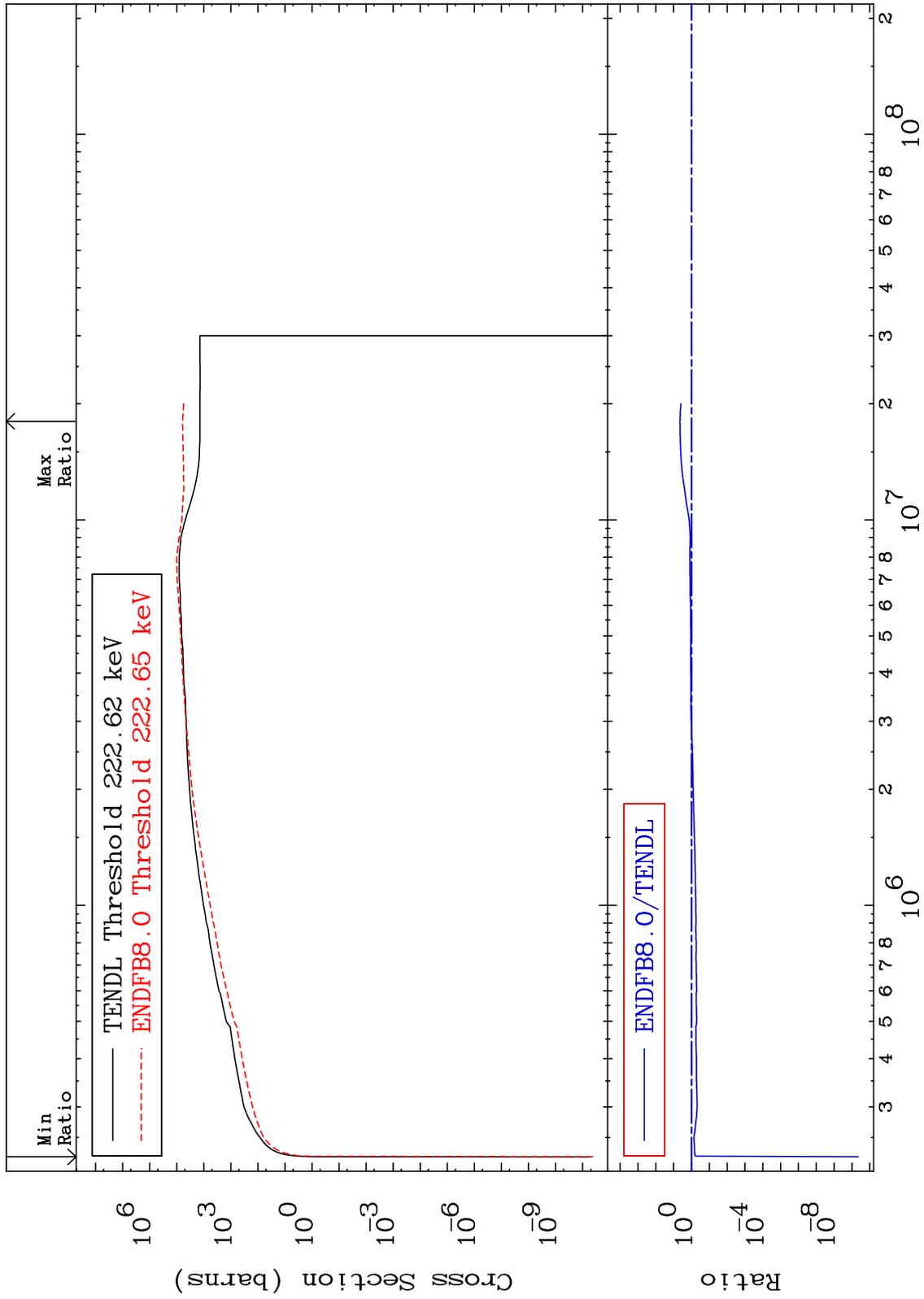


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Incident Energy (eV)

56-Ba-135

MAT 5640      Dpa inelastic (mt51-91)      56-Ba-135  
 -100.0 To 343.3 %  
 Cross Section



MAT 5640

Dpa disappearance (mt102 -120)  
Cross Section

56-Ba-135  
-99.73 To 9999. %

