

Program Complot  
(Version 2018-1)

by

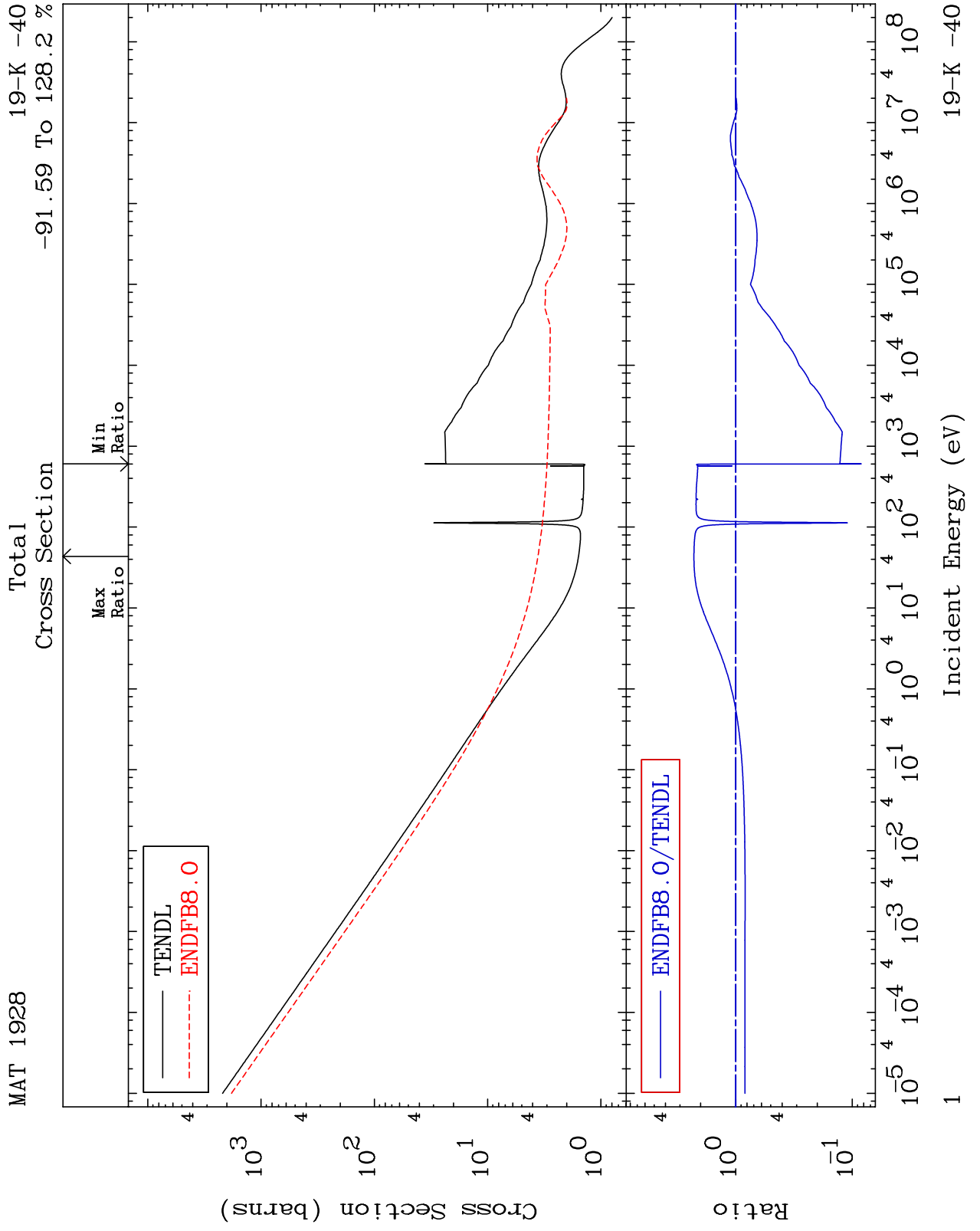
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Press Mouse Button to Start

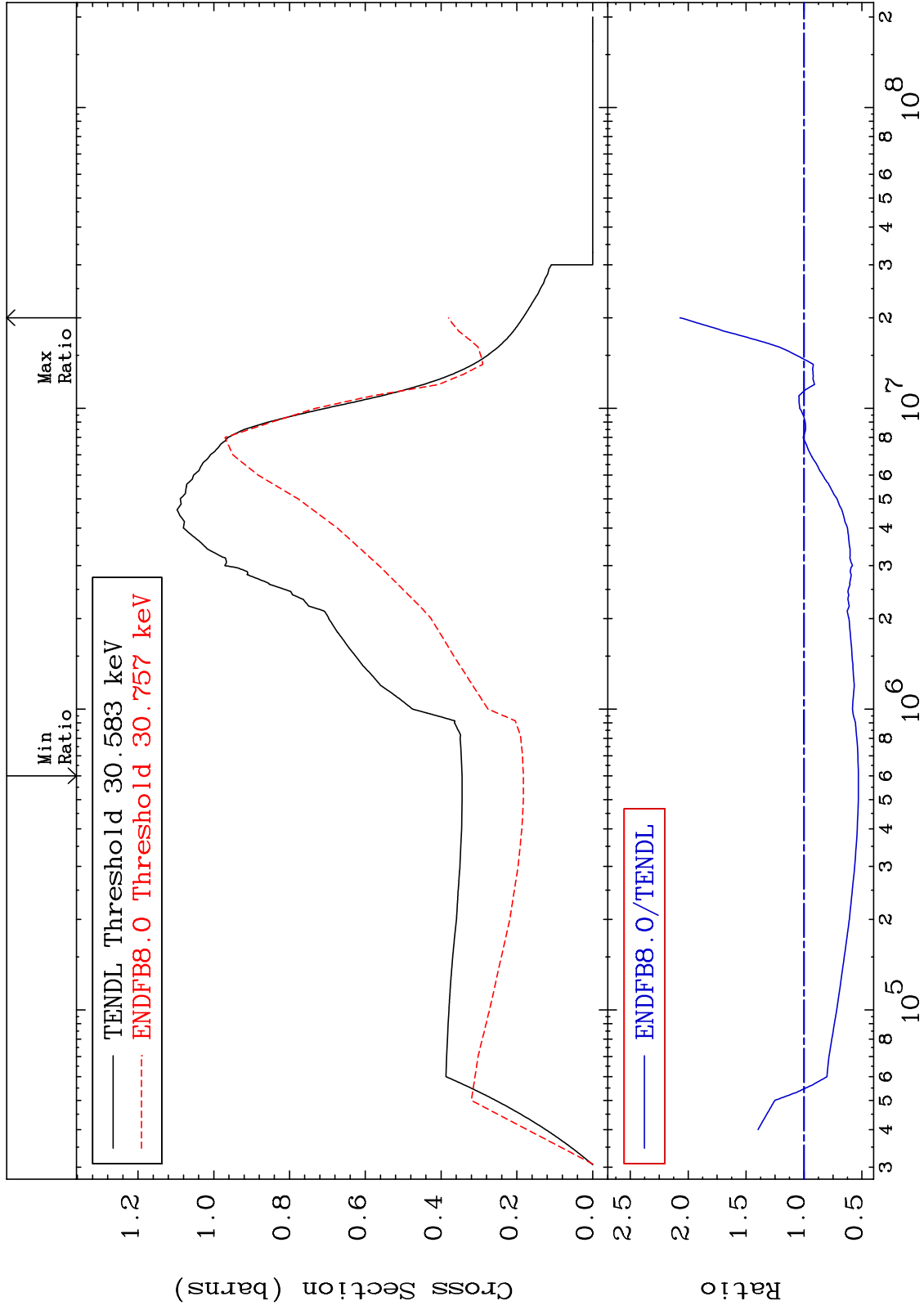




MAT 1928

Inelastic  
Cross Section

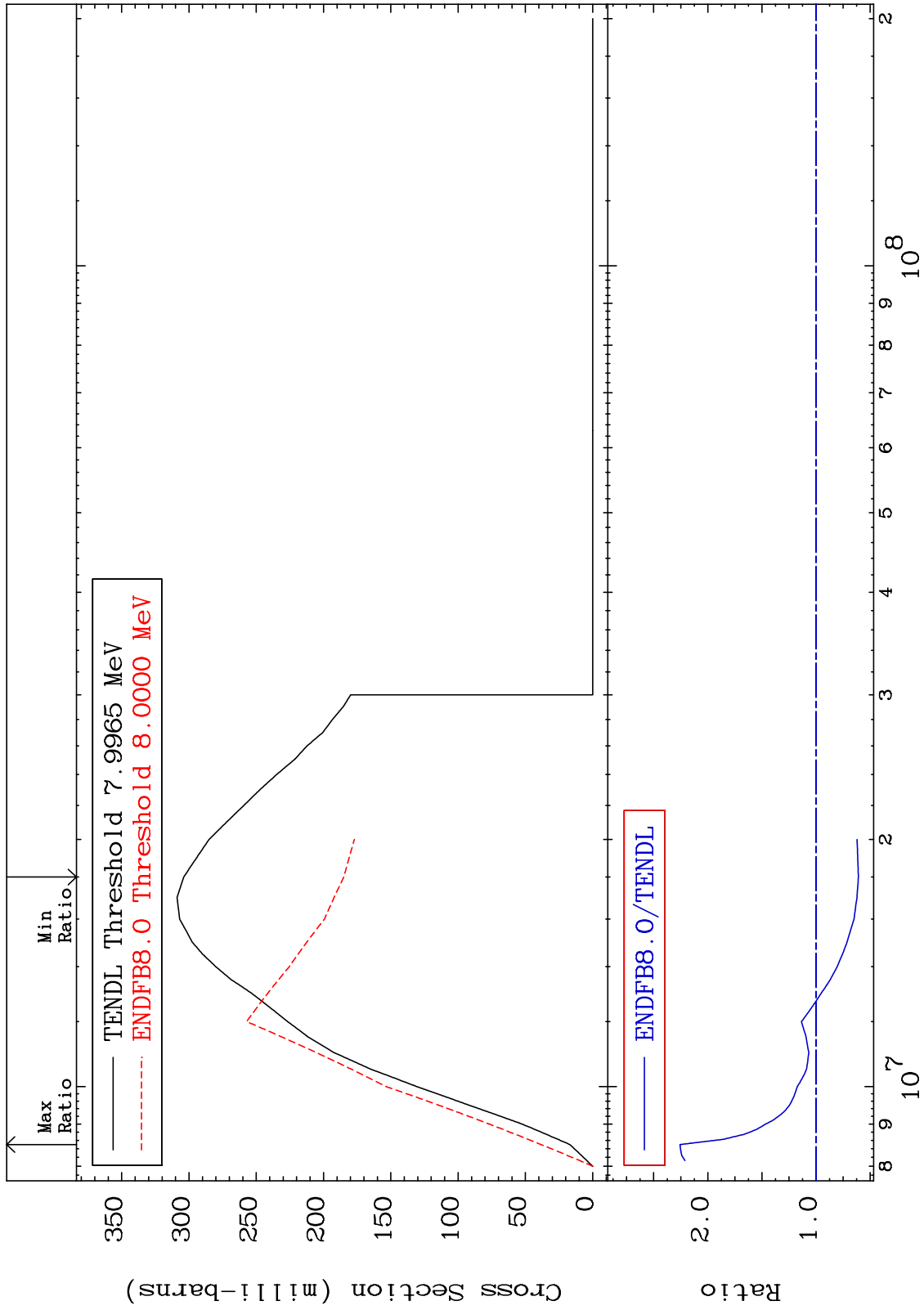
19-K -40  
-46.97 To 107.0 %



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19-K -40

MAT 1928 (n,2n) Cross Section 19-K -40 -39.14 To 125.7 %



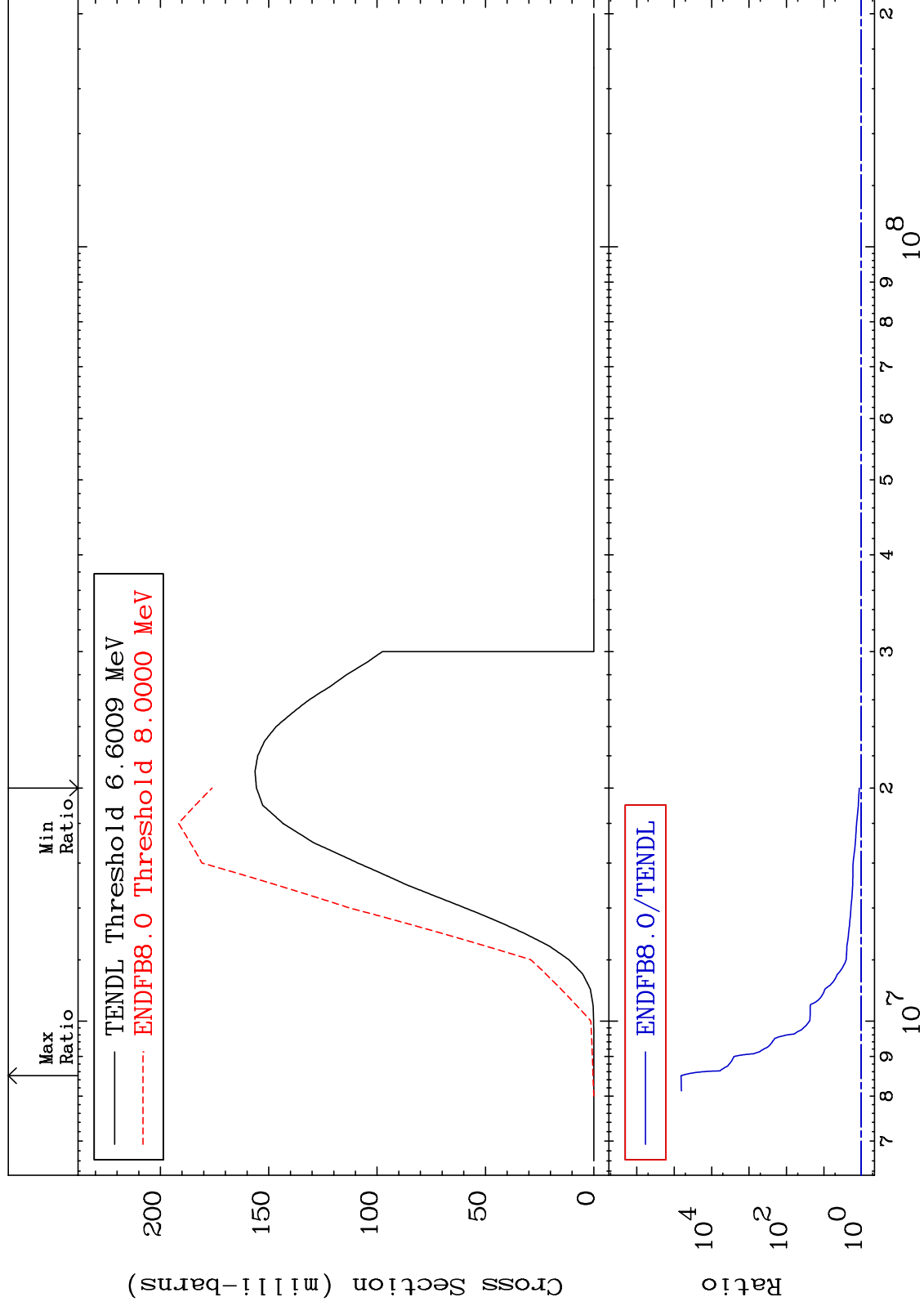
4 19-K -40

MAT 1928

(n,n')  $\alpha$

Cross Section

19-K -40  
13.12 To 9999. %



5

Incident Energy (eV)

19-K -40

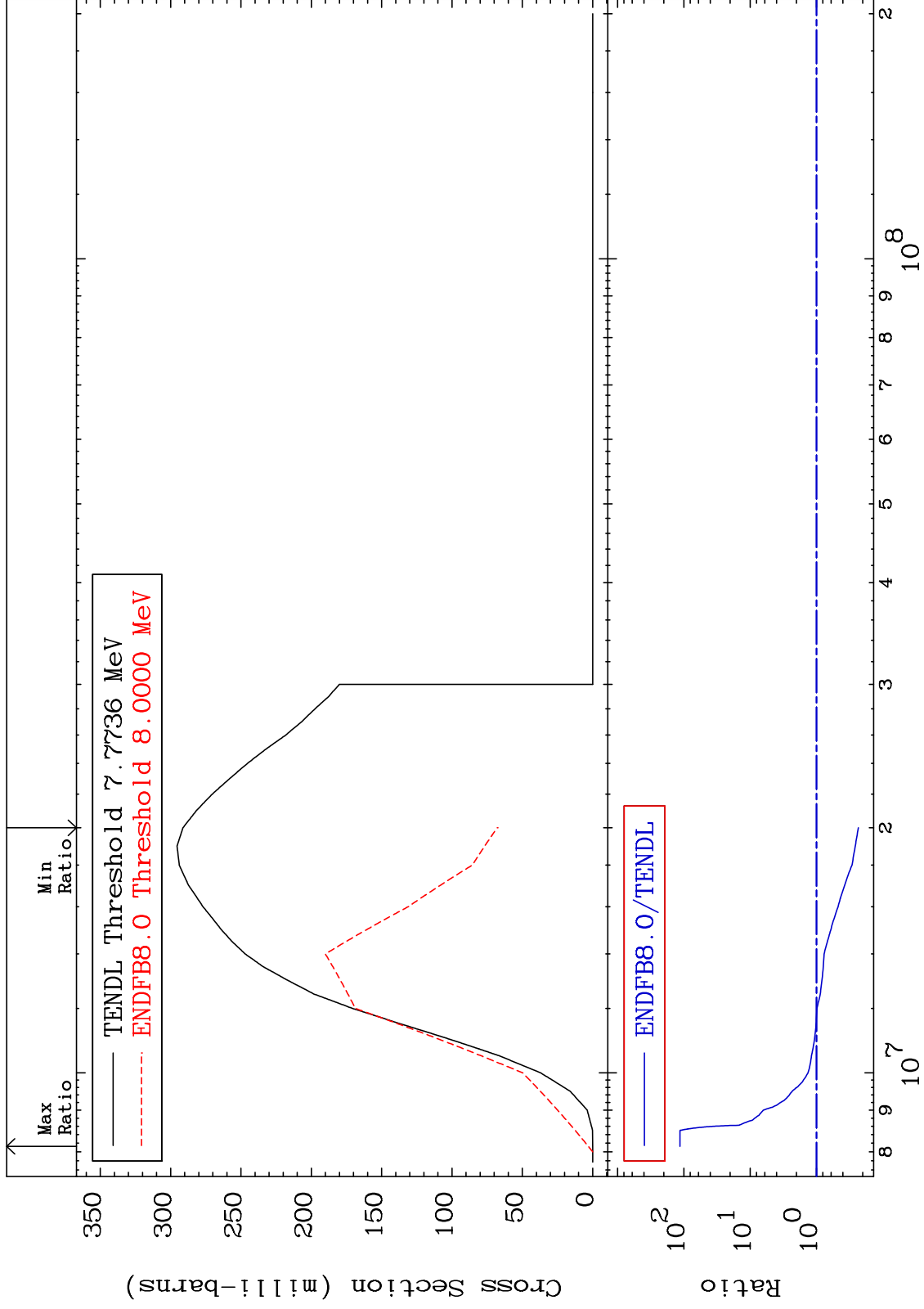
MAT 1928

(n,n') p

19-K -40

Cross Section

-76.68 To 9999. %



6

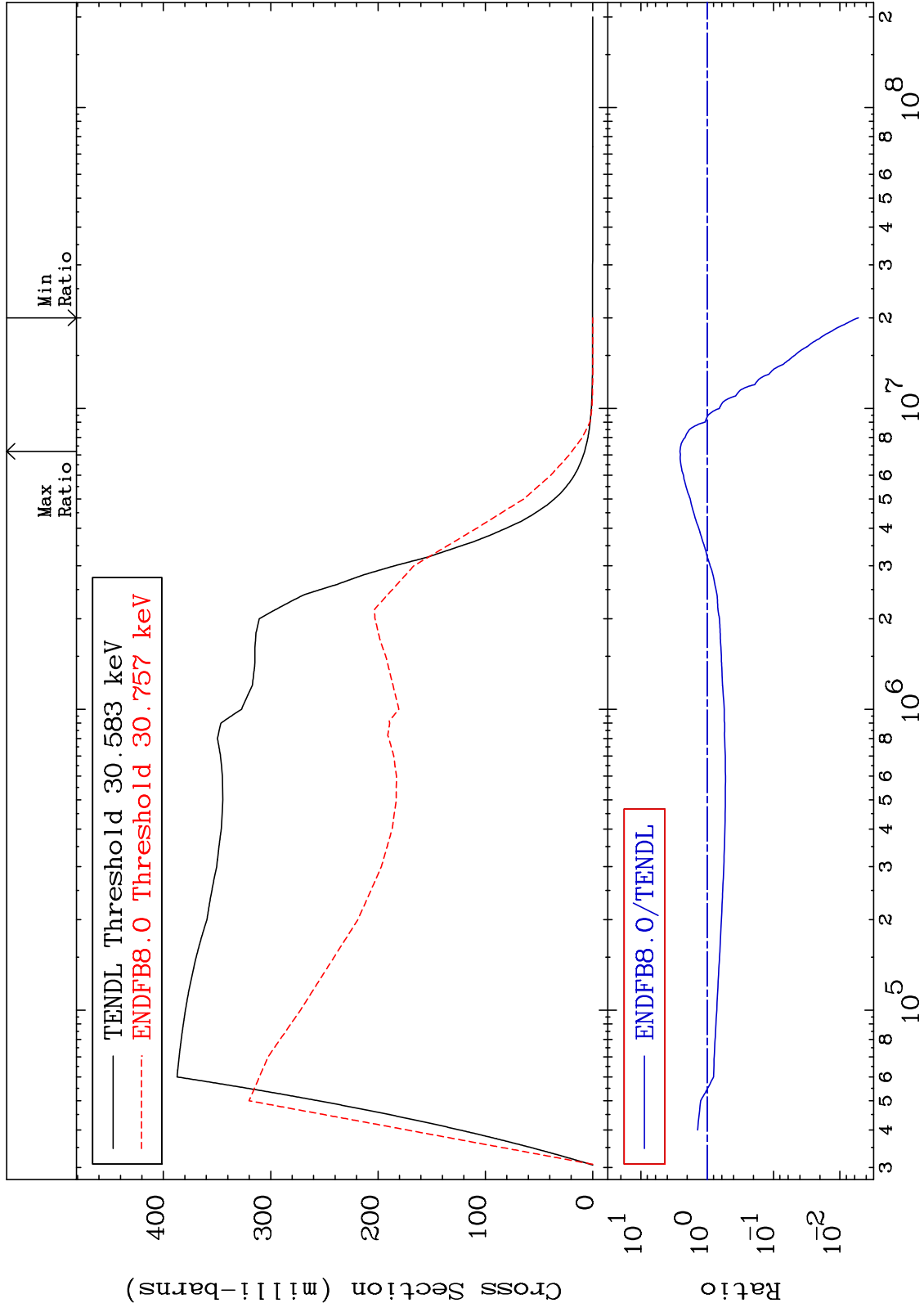
Incident Energy (eV)

19-K -40

MAT 1928

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

19-K -40  
-99.47 To 156.5 %





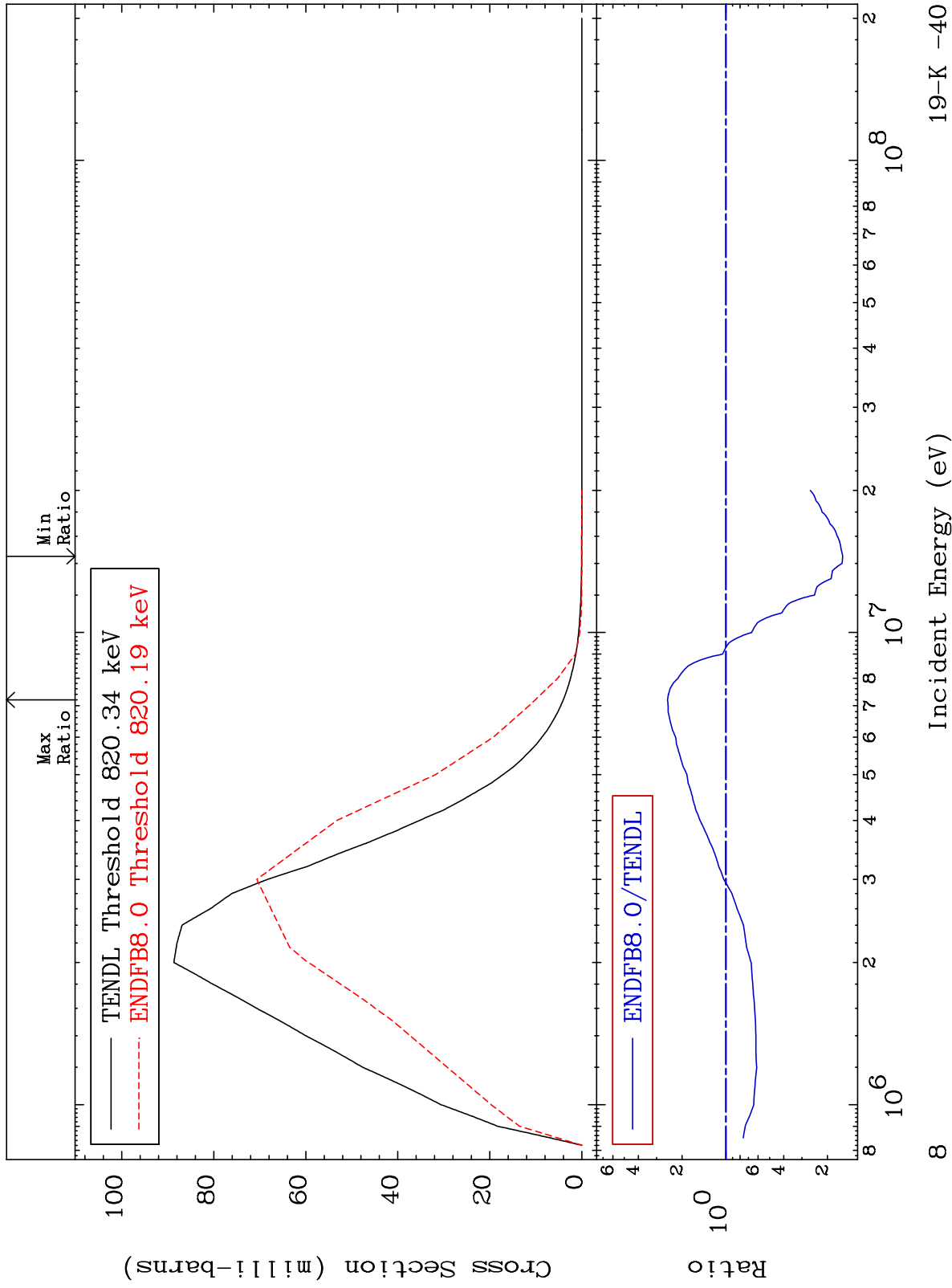
MAT 1928

MT= 52 (n,n') Level

19-K -40

-84.27 To 152.0 %

Cross Section



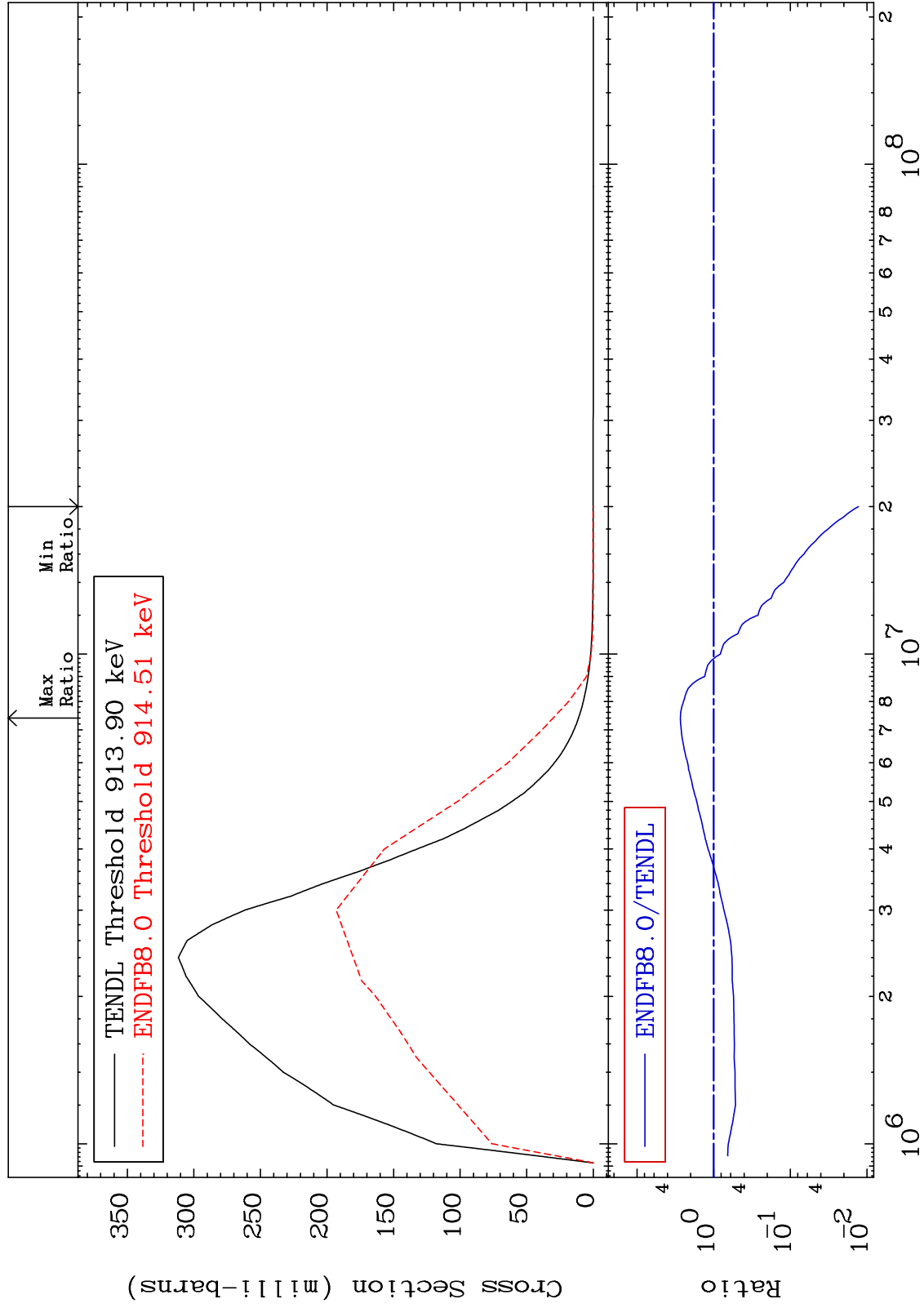
MAT 1928

MT= 53 (n,n') Level

19-K -40

-98.71 To 172.0 %

Cross Section



19-K -40

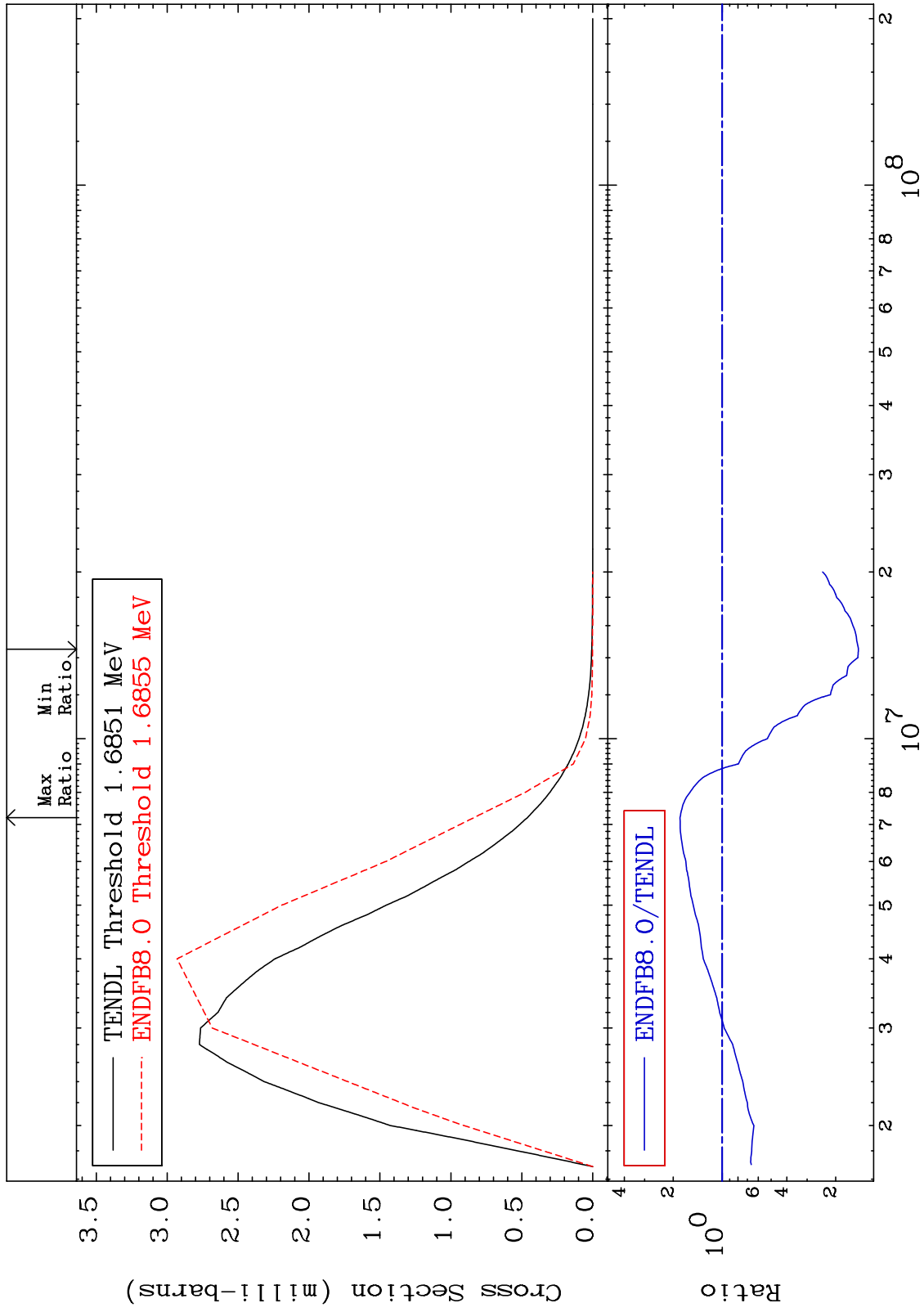
Incident Energy (eV)

9

MAT 1928

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

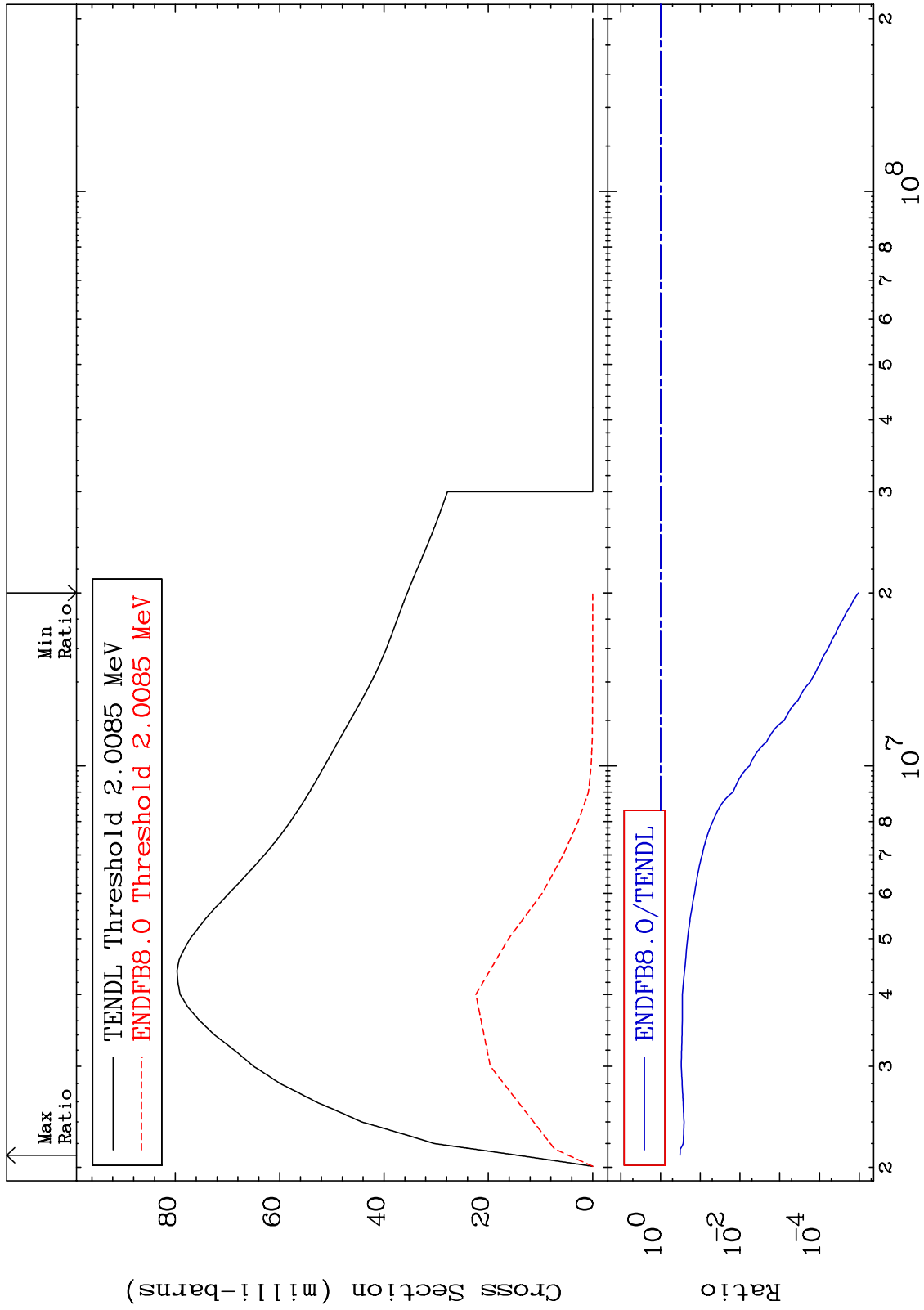
19-K -40  
-85.52 To 81.80 %



10

19-K -40

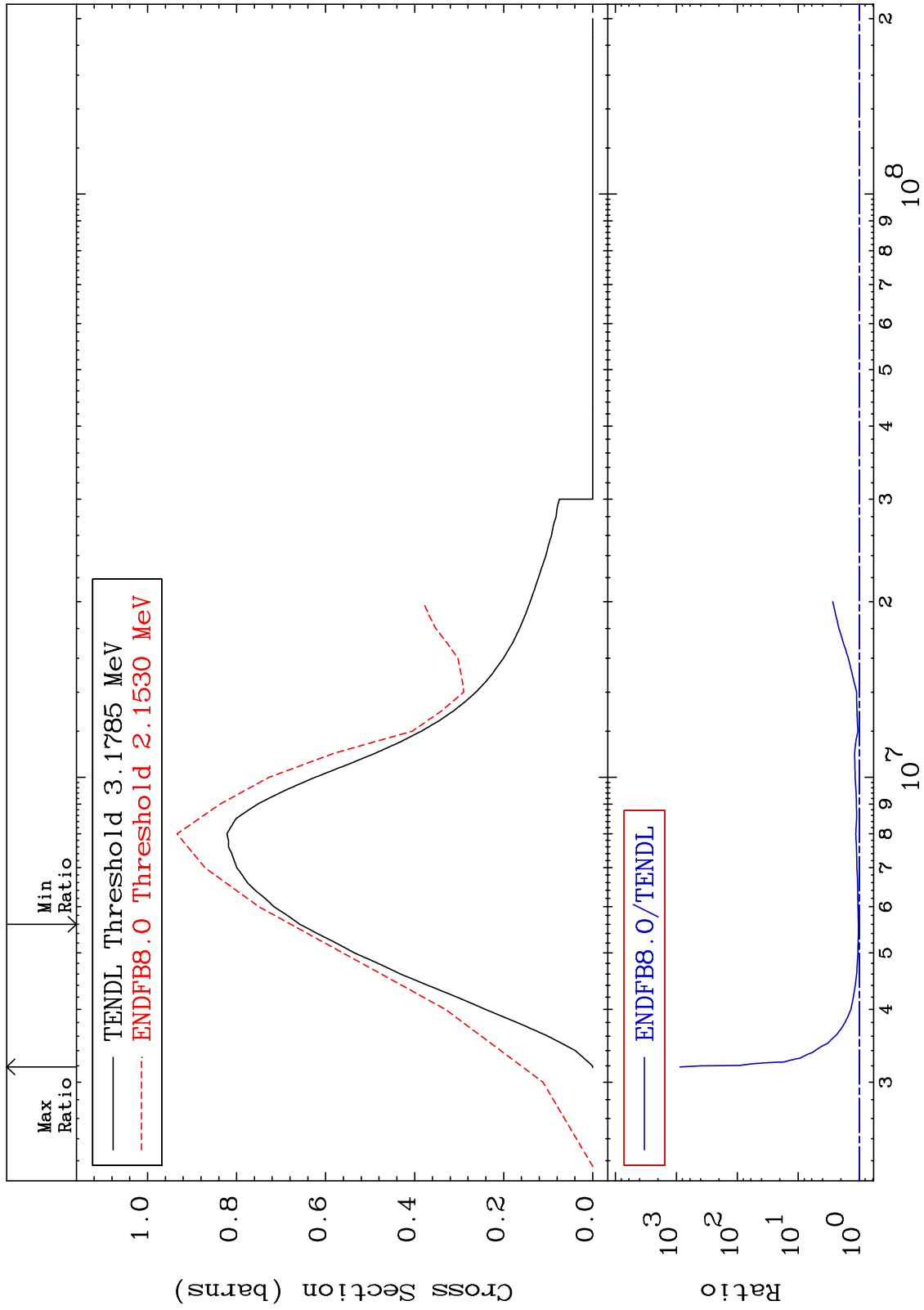
MAT 1928 MT= 55 (n,n') Level Cross Section -100.0 To -67.71% 19-K -40



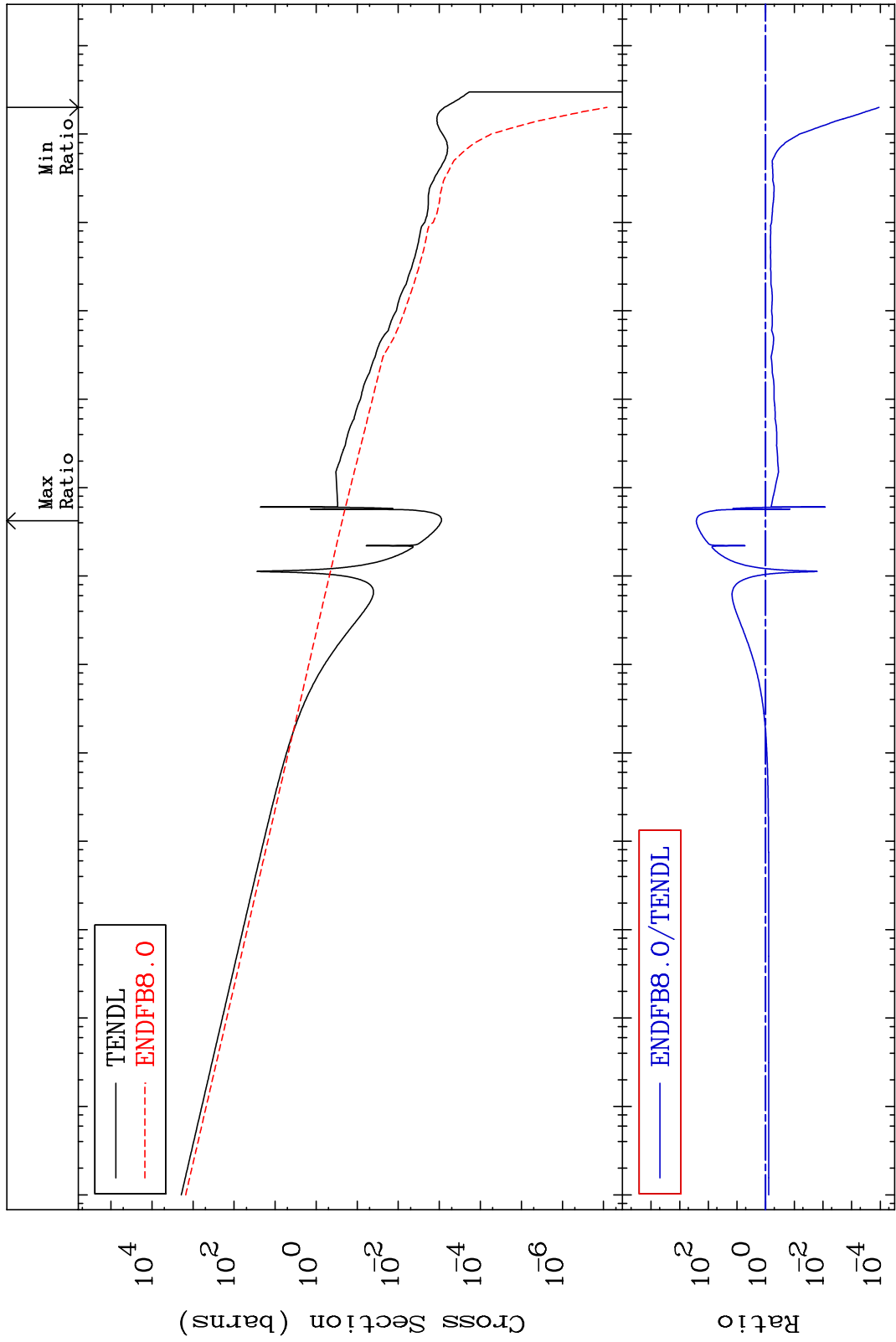
MAT 1928

(n,n') Continuum  
Cross Section

19-K -40  
3.082 To 9999. %



MAT 1928 (n,  $\gamma$ ) Cross Section 19-K -40 -99.99 To 9999. %



Incident Energy (eV) 19-K -40

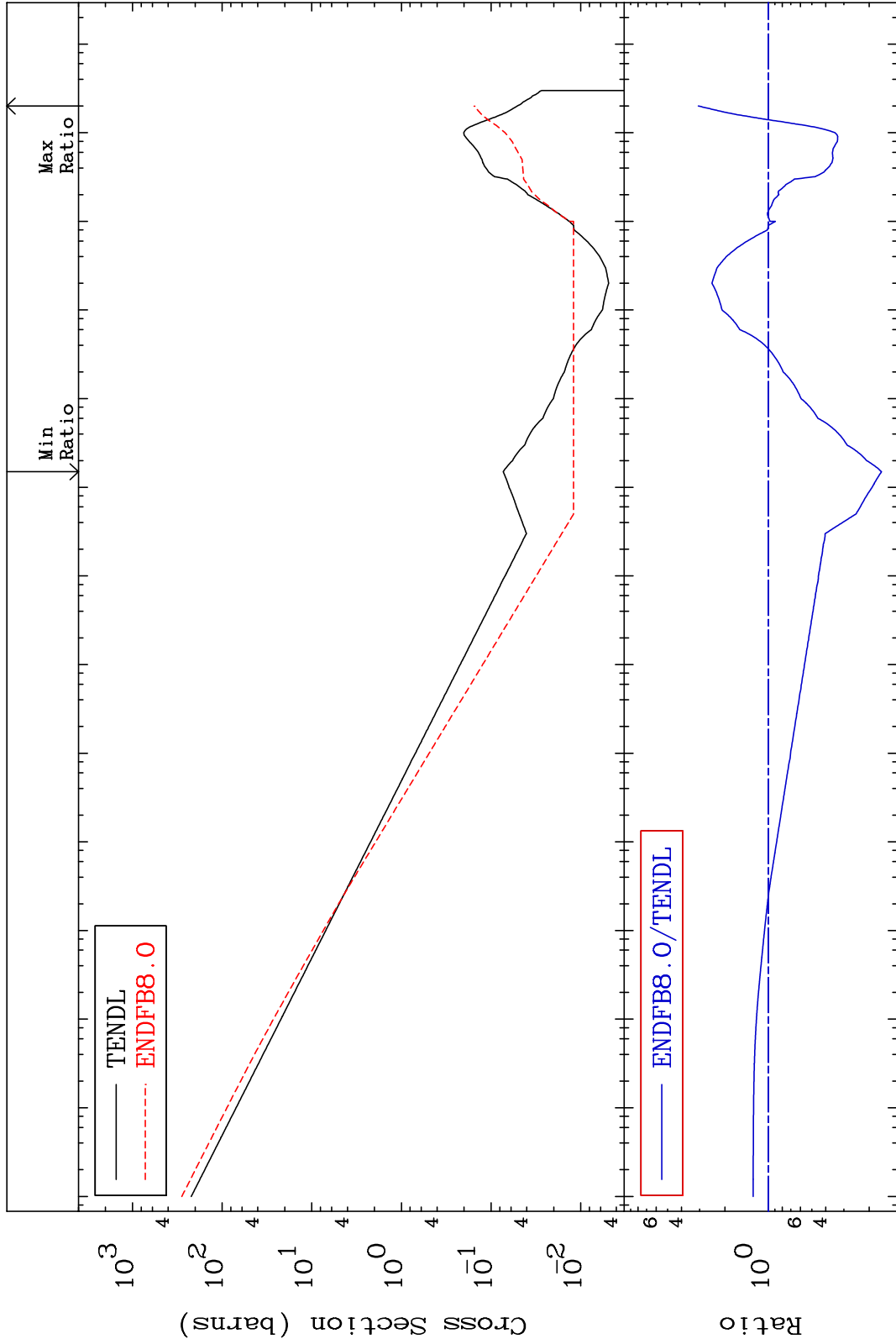
MAT 1928

(n,p)

19-K -40

Cross Section

-83.57 To 205.8 %



Incident Energy (eV)

14

19-K -40

MAT 1928

(n,  $\alpha$ )

19-K -40

-92.05 To 1150. %

Cross Section



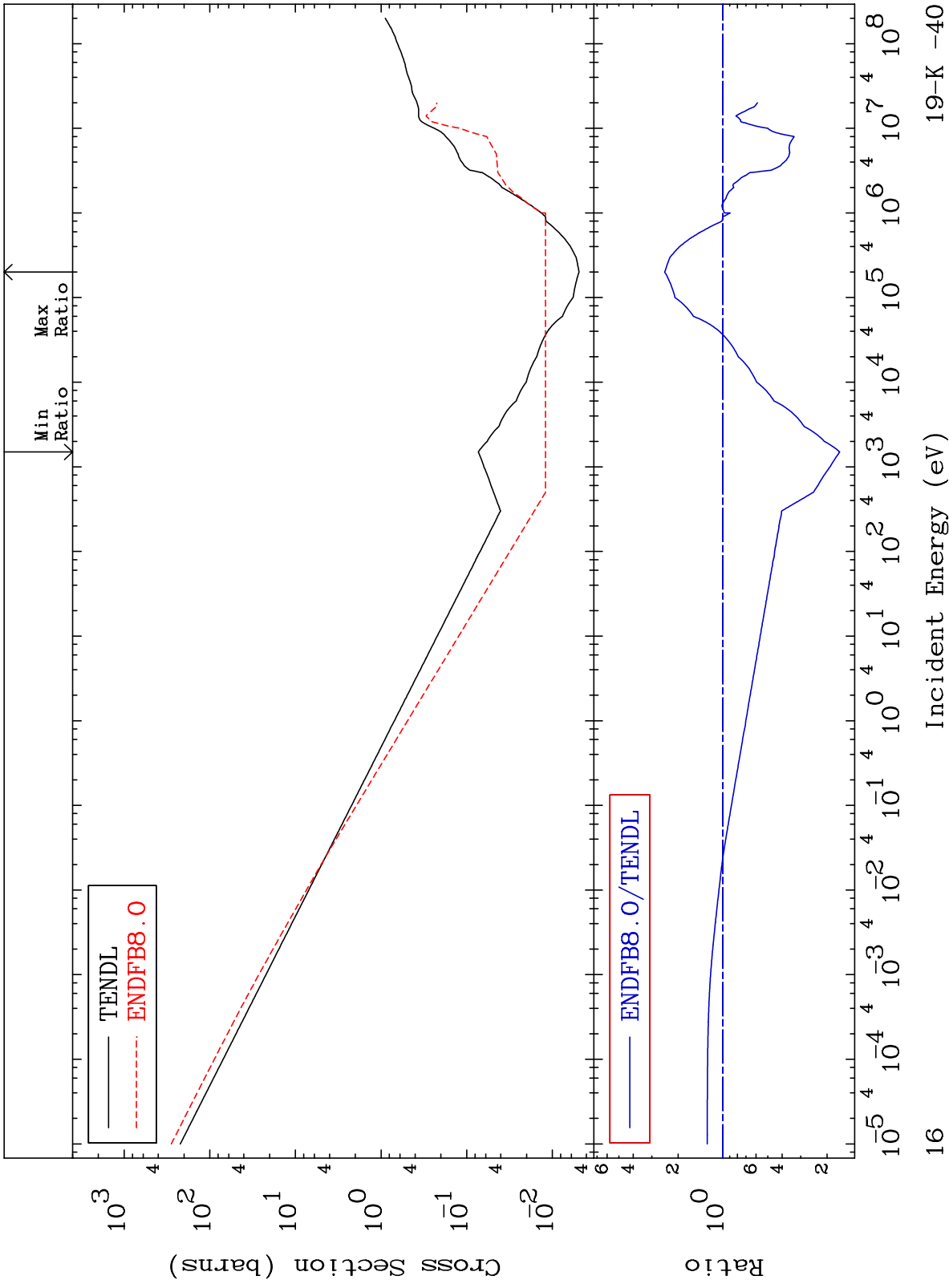
Incident Energy (eV) 19-K -40



MAT 1928

Hydrogen Production  
Cross Section

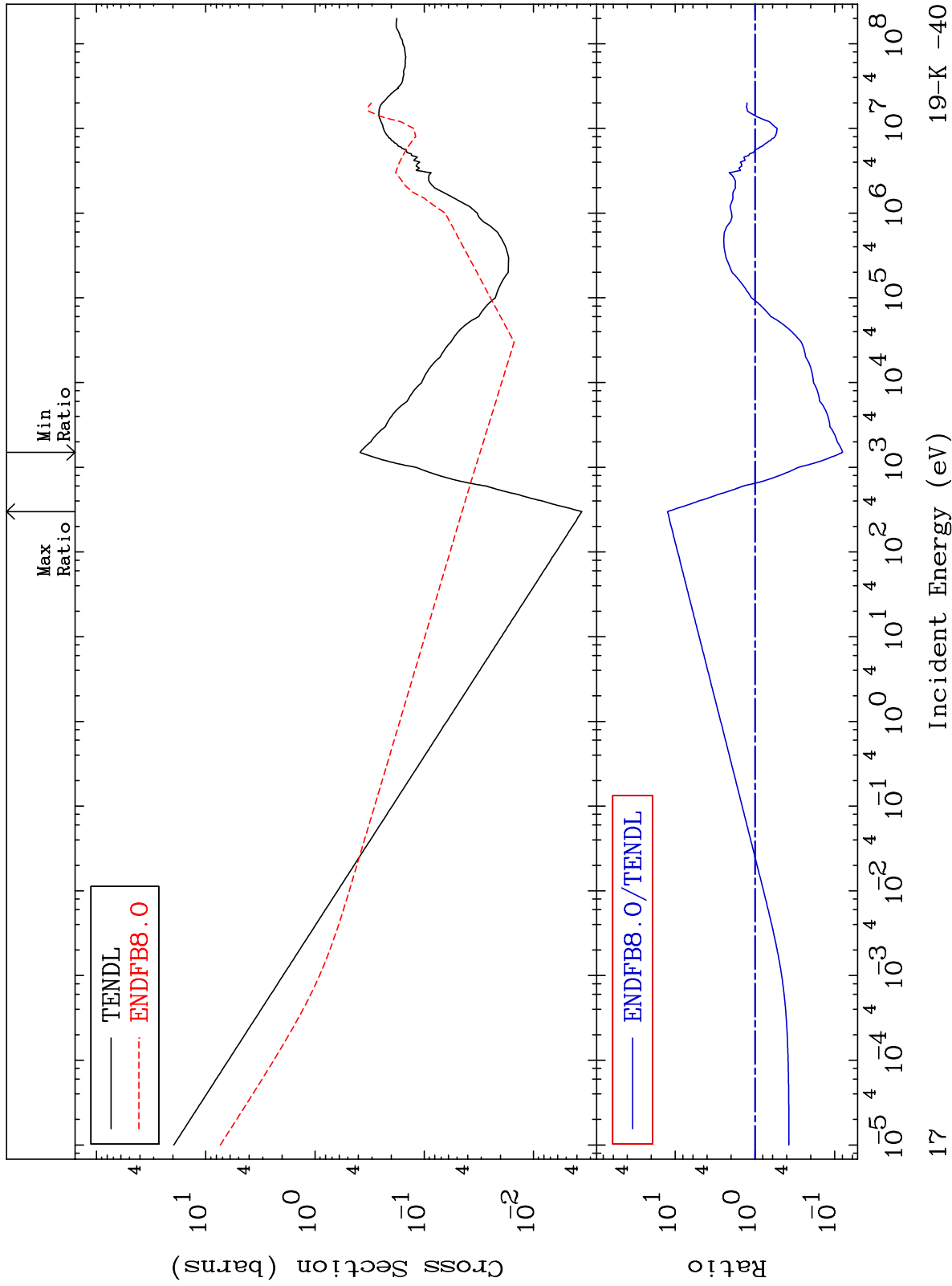
19-K -40  
-83.57 To 145.9 %



MAT 1928

He-4 Production  
Cross Section

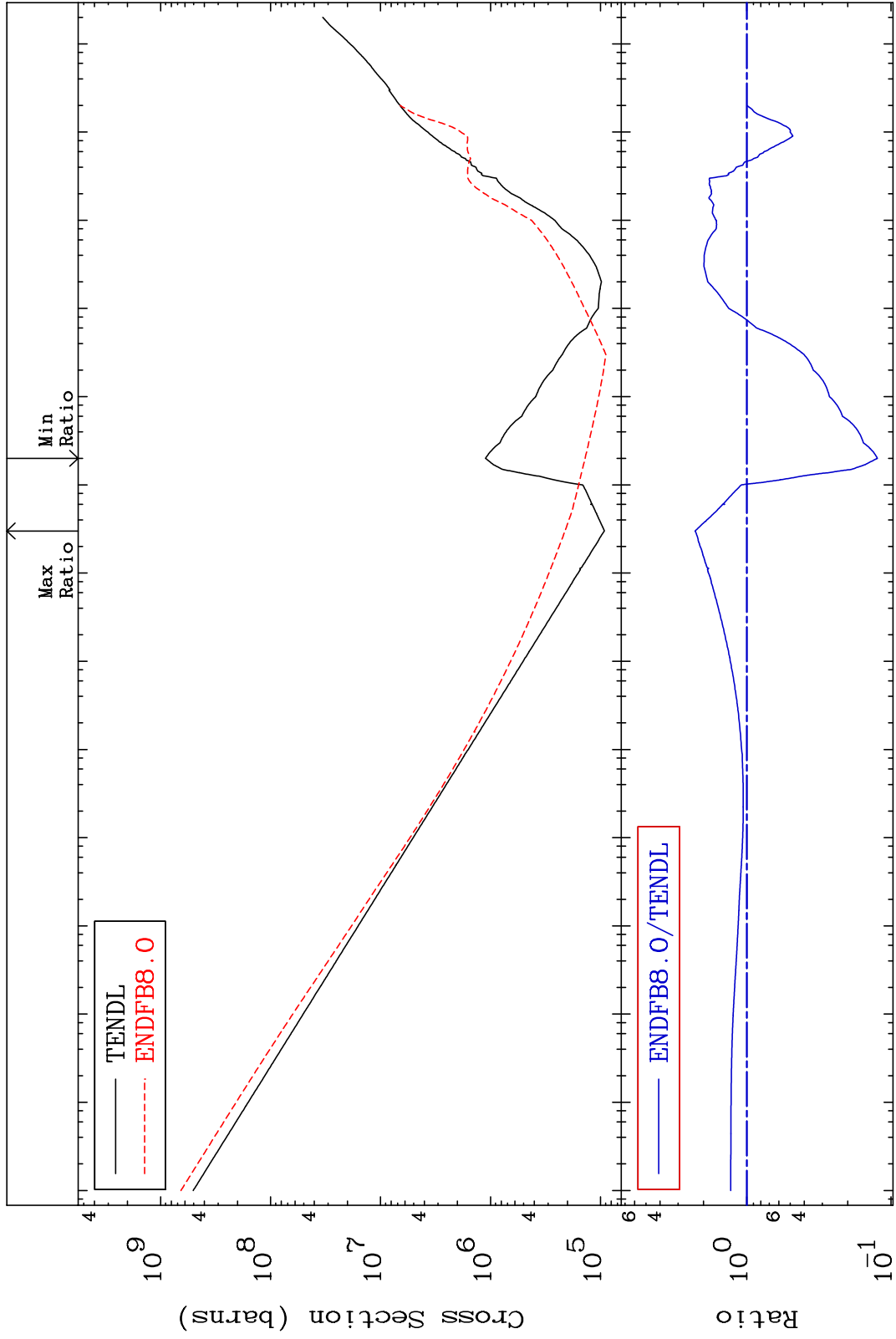
19-K -40  
-92.05 To 1150. %



MAT 1928

Kerma total (eV-barns)  
Cross Section

19-K -40  
-87.57 To 128.5 %



18

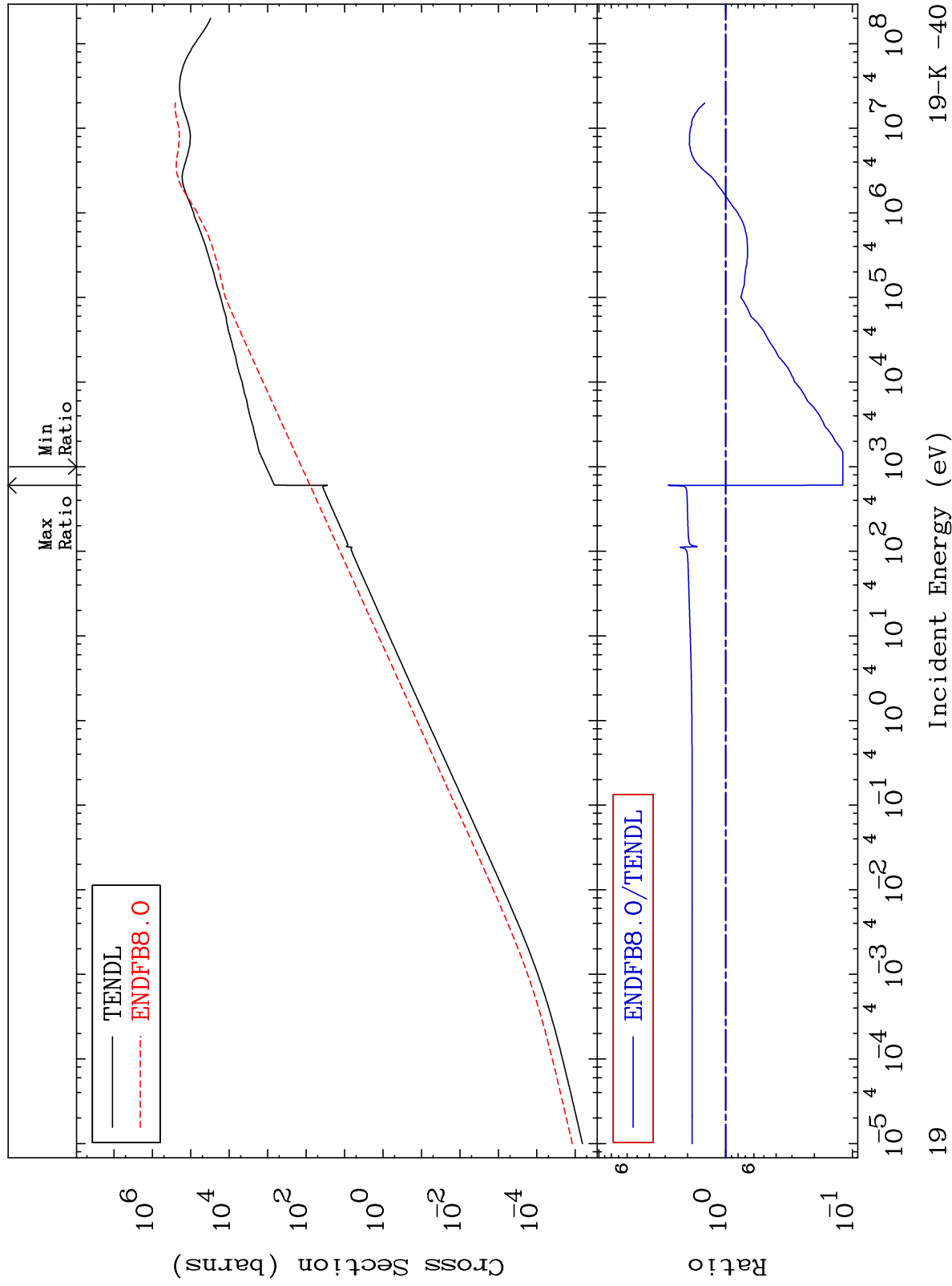
Incident Energy (eV)

19-K -40

MAT 1928

Kerma elastic  
Cross Section

19-K -40  
-88.08 To 185.3 %



19

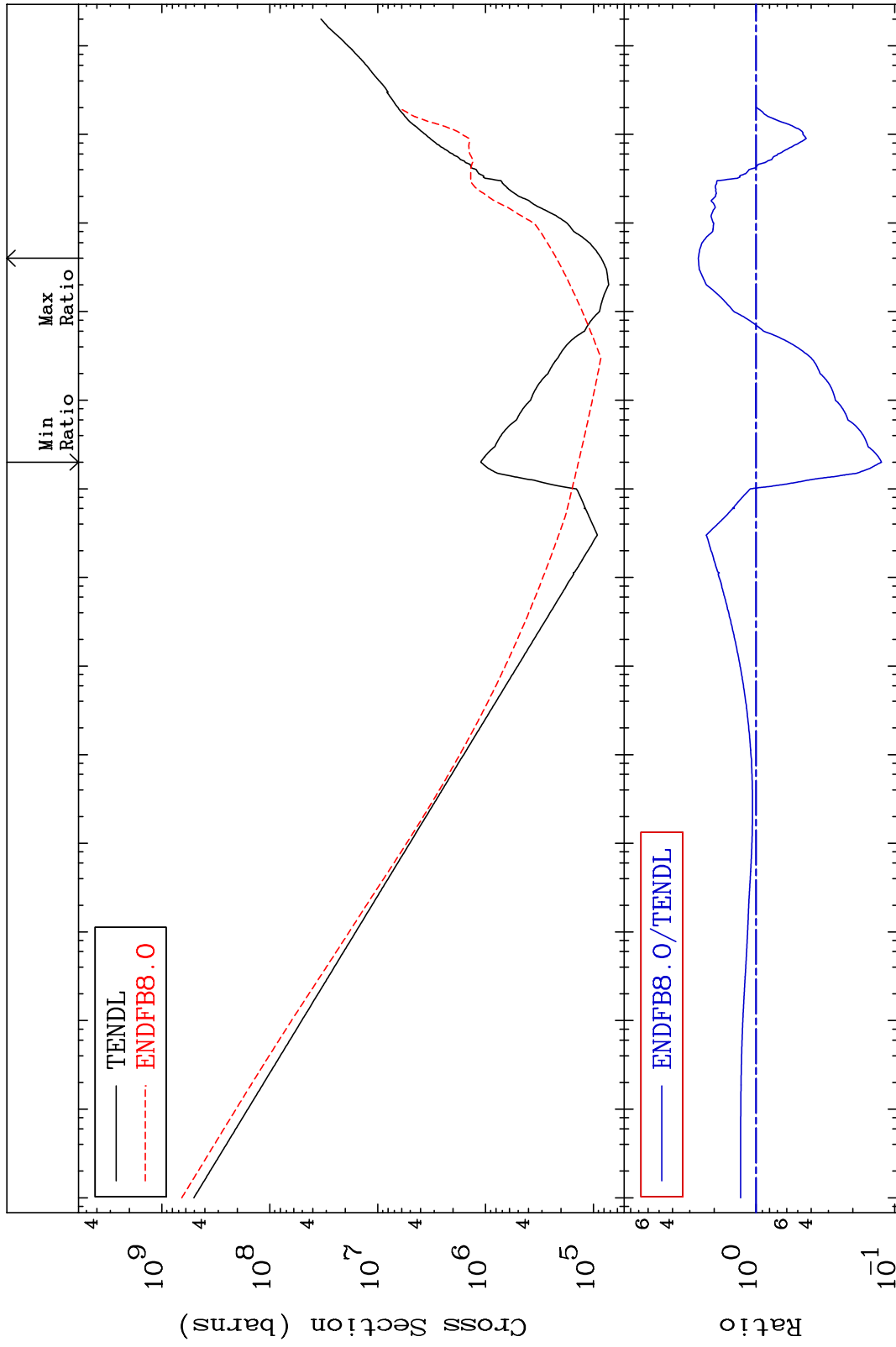
Incident Energy (eV)

19-K -40

MAT 1928

Kerma non-elastic (all but mt2)  
Cross Section

19-K -40  
-87.57 To 160.3 %



20

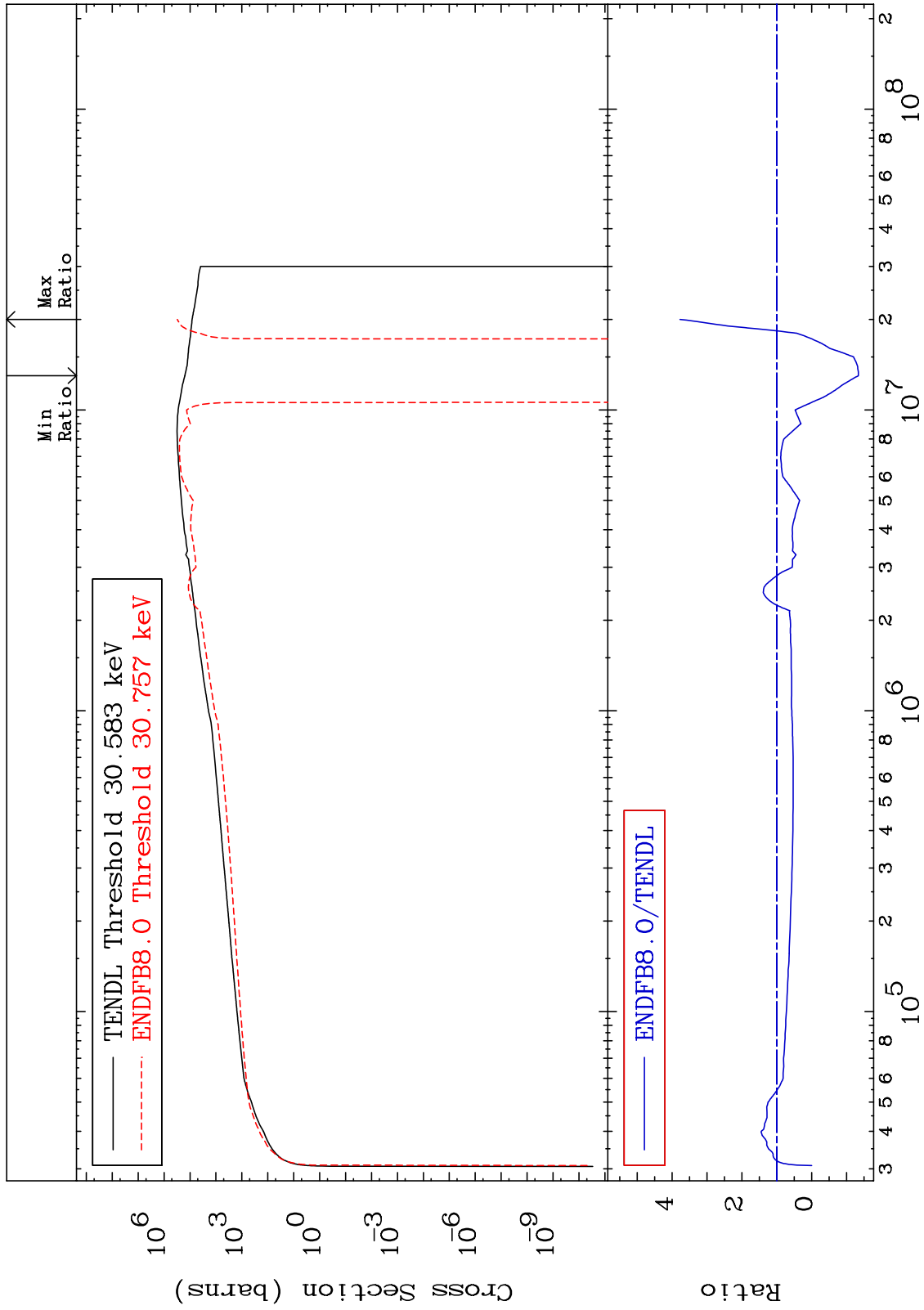
Incident Energy (eV)

19-K -40

MAT 1928

Kerma inelastic (mt51-91)  
Cross Section

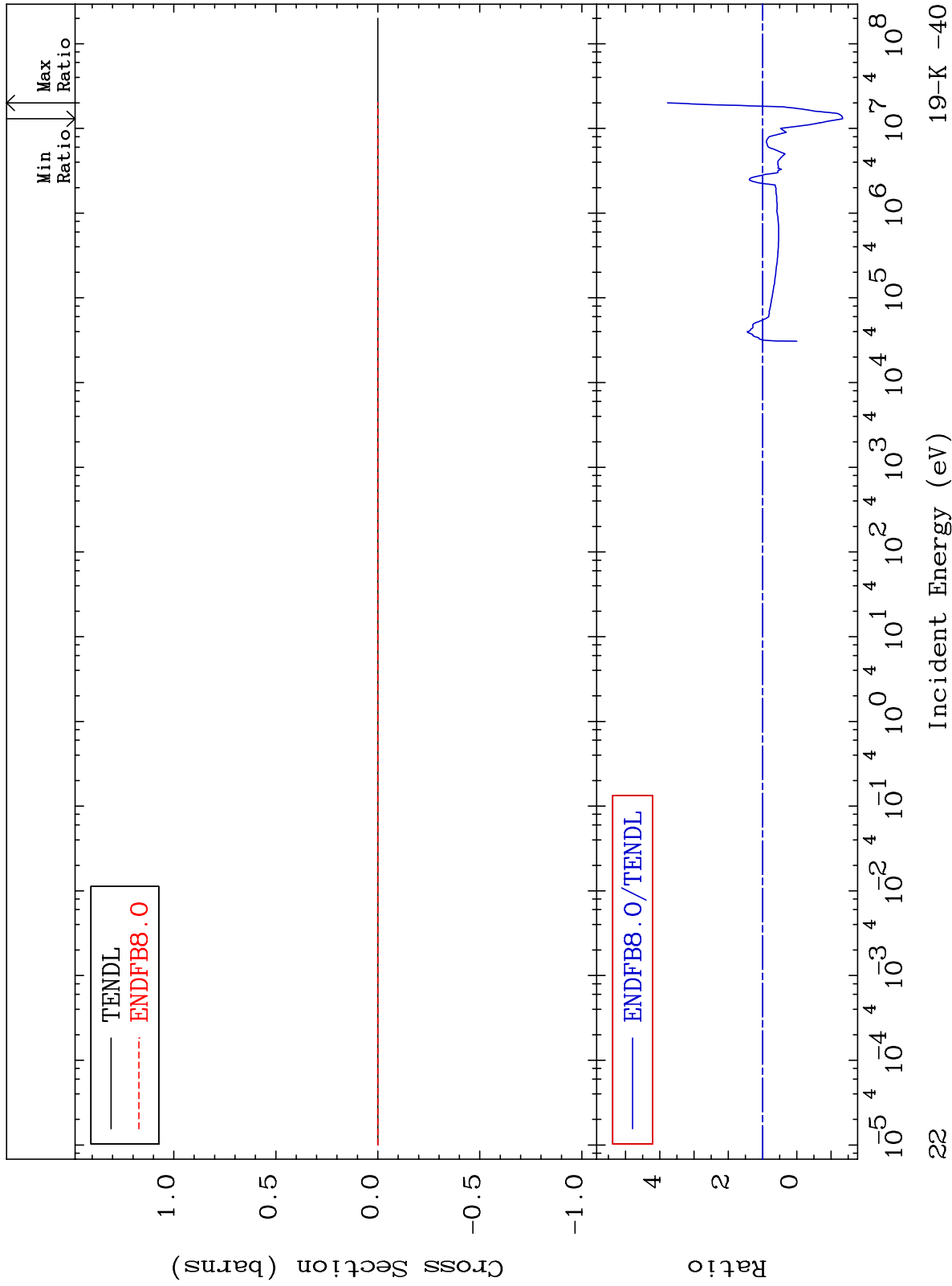
19-K -40  
-233.7 To 277.1 %



MAT 1928

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

19-K -40  
-233.7 To 277.1 %



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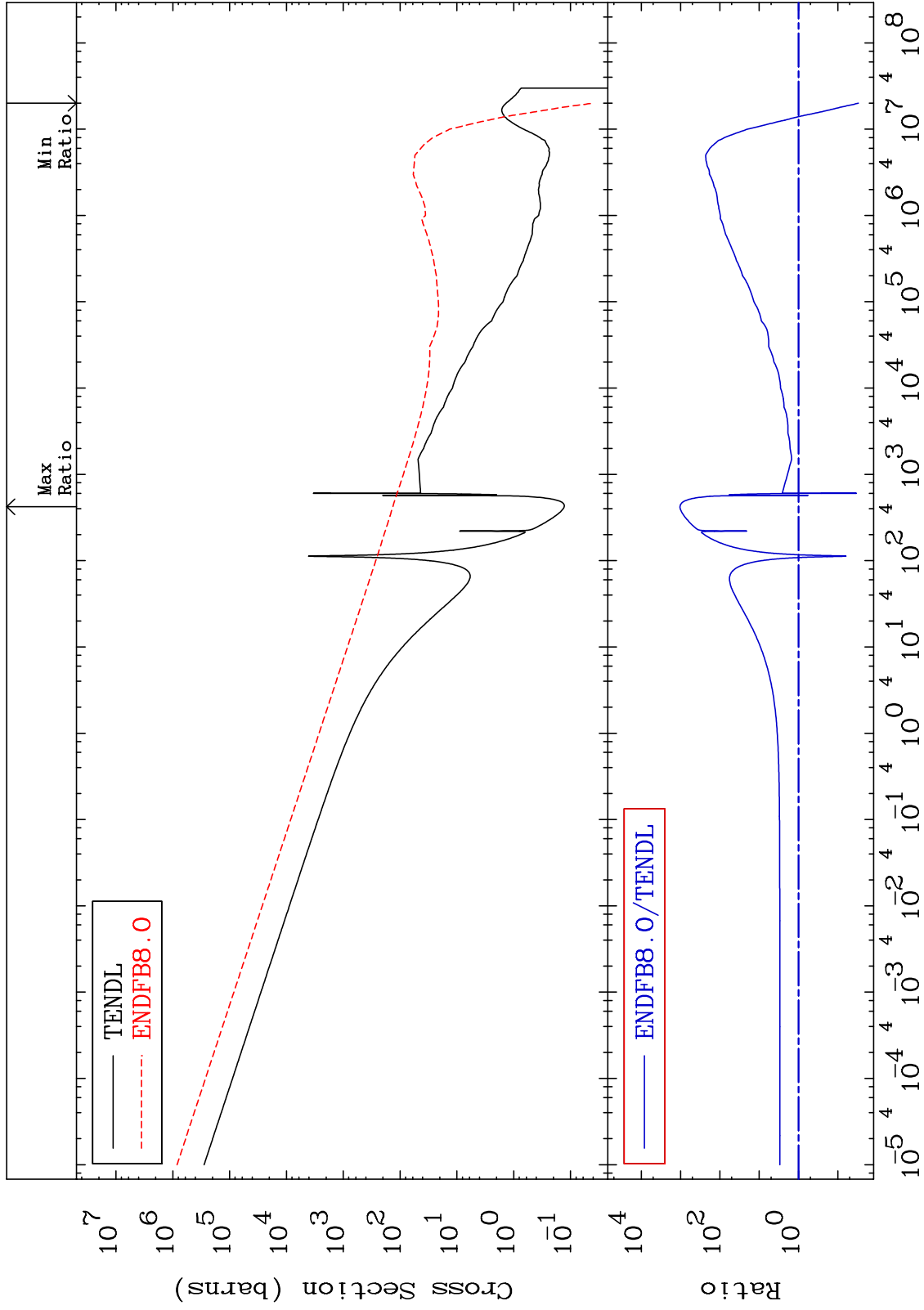
Incident Energy (eV)

19-K -40

MAT 1928

Kerma capture (mt102)  
Cross Section

19-K -40  
-97.02 To 9999. %



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Incident Energy (eV)

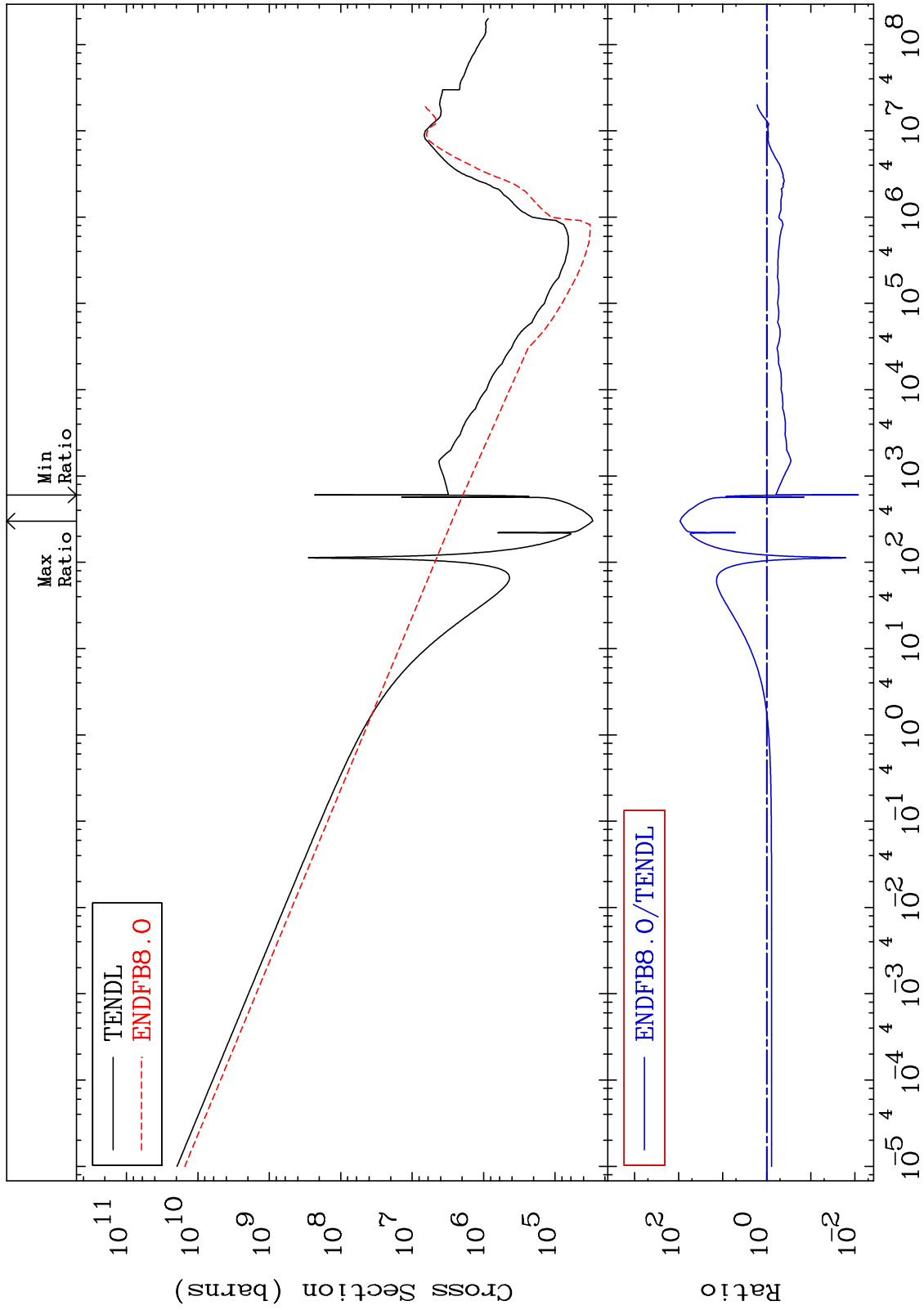
19-K -40



MAT 1928

Total photon (eV-barns)  
Cross Section

19-K -40  
-99.17 To 9249. %



24

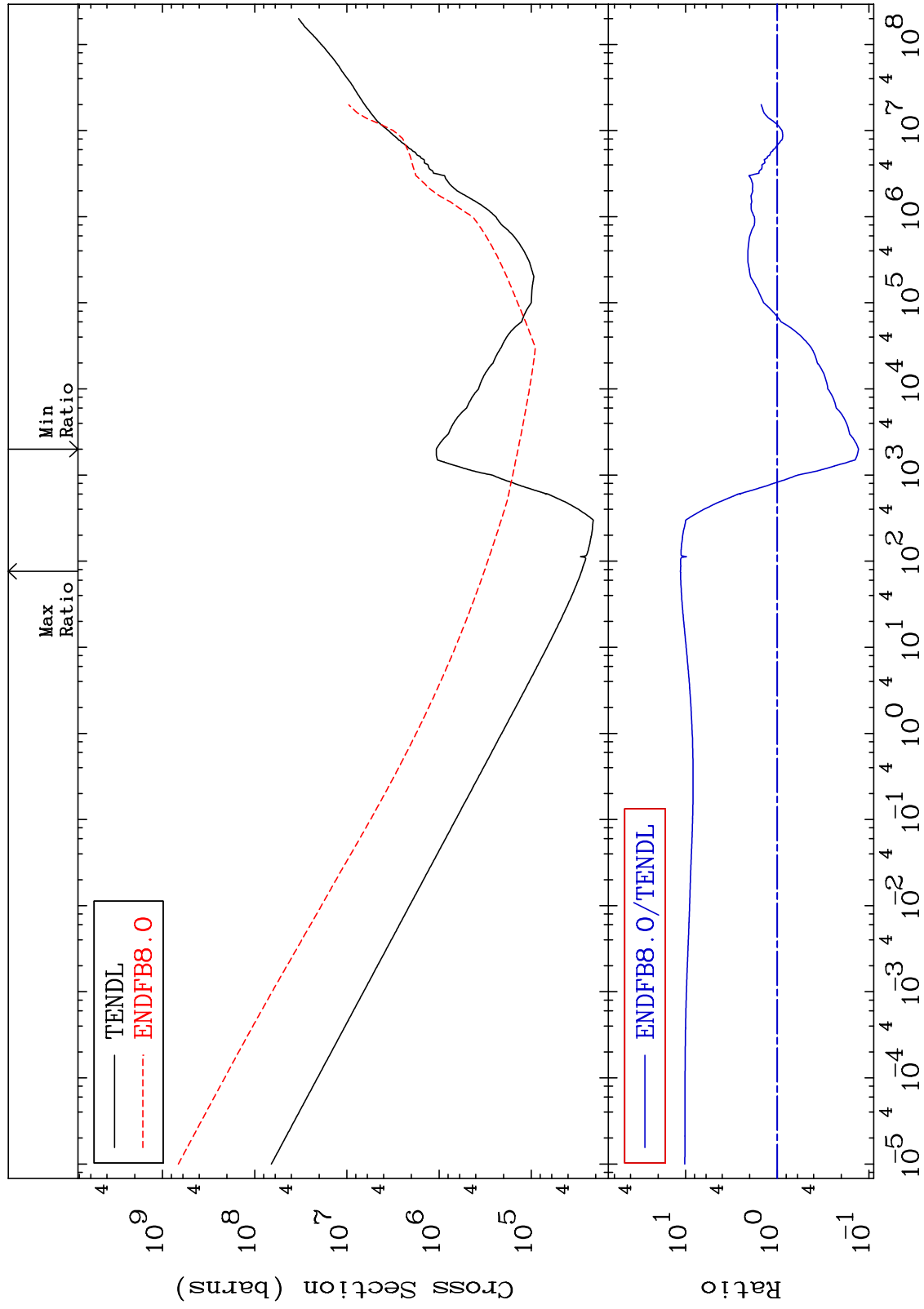
Incident Energy (eV)

19-K -40

MAT 1928

Total kinematic kerma (high limit)  
Cross Section

19-K -40  
-87.03 To 1040. %



25

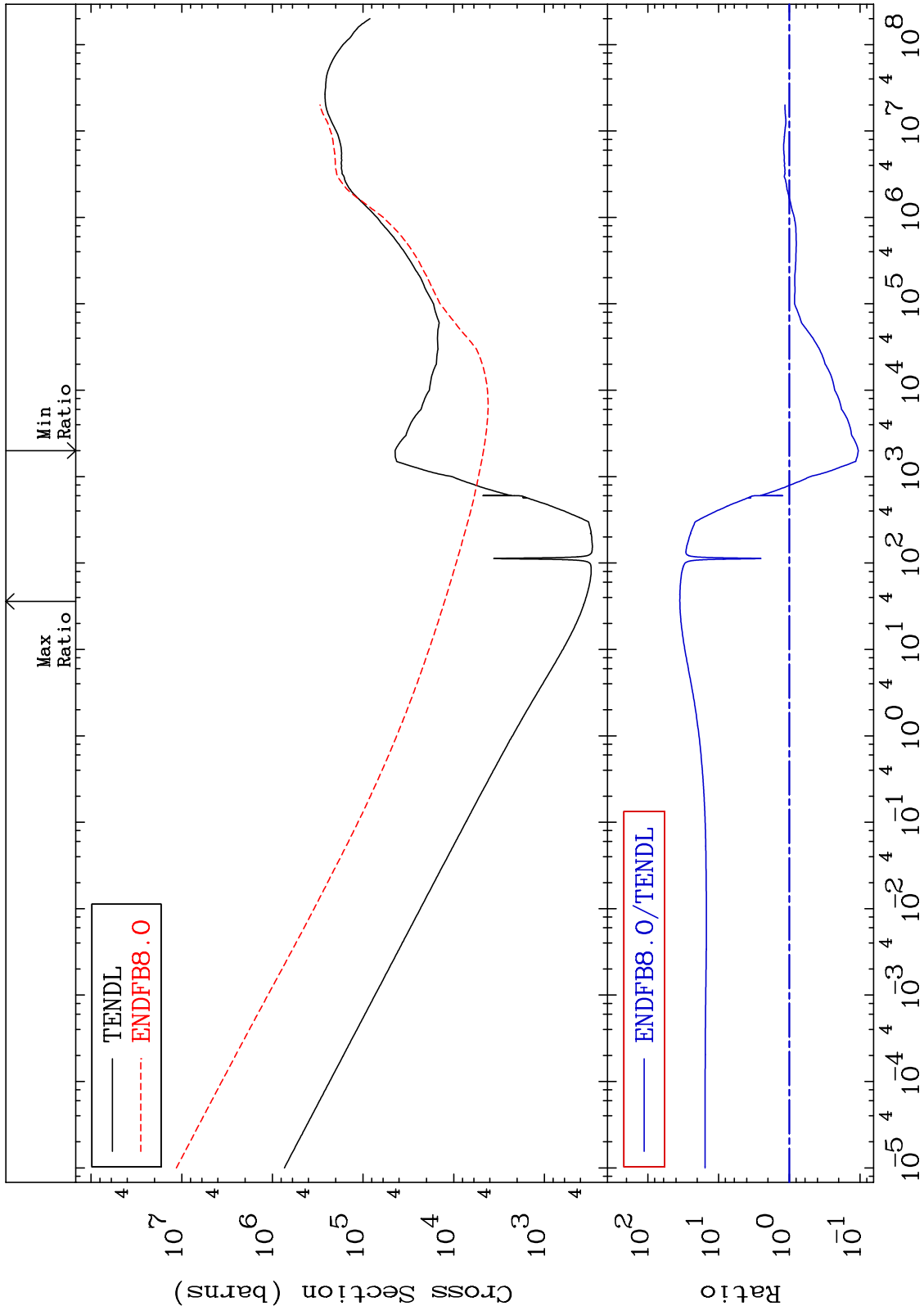
Incident Energy (eV)

19-K -40

MAT 1928

Dpa total (eV-barns)  
Cross Section

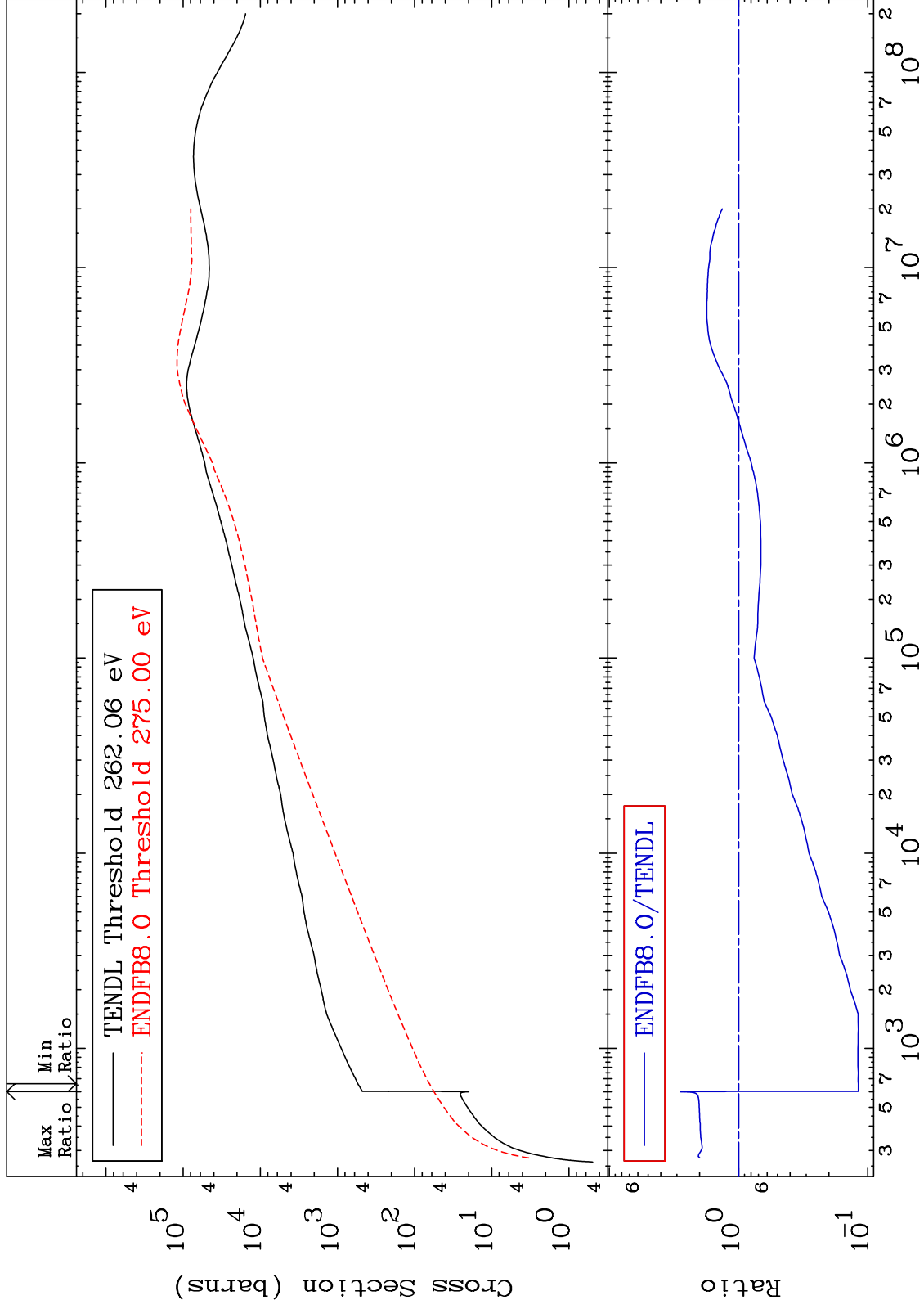
19-K -40  
-89.43 To 3430. %



MAT 1928

Dpa elastic (mt2)  
Cross Section

19-K -40  
-88.17 To 183.6 %



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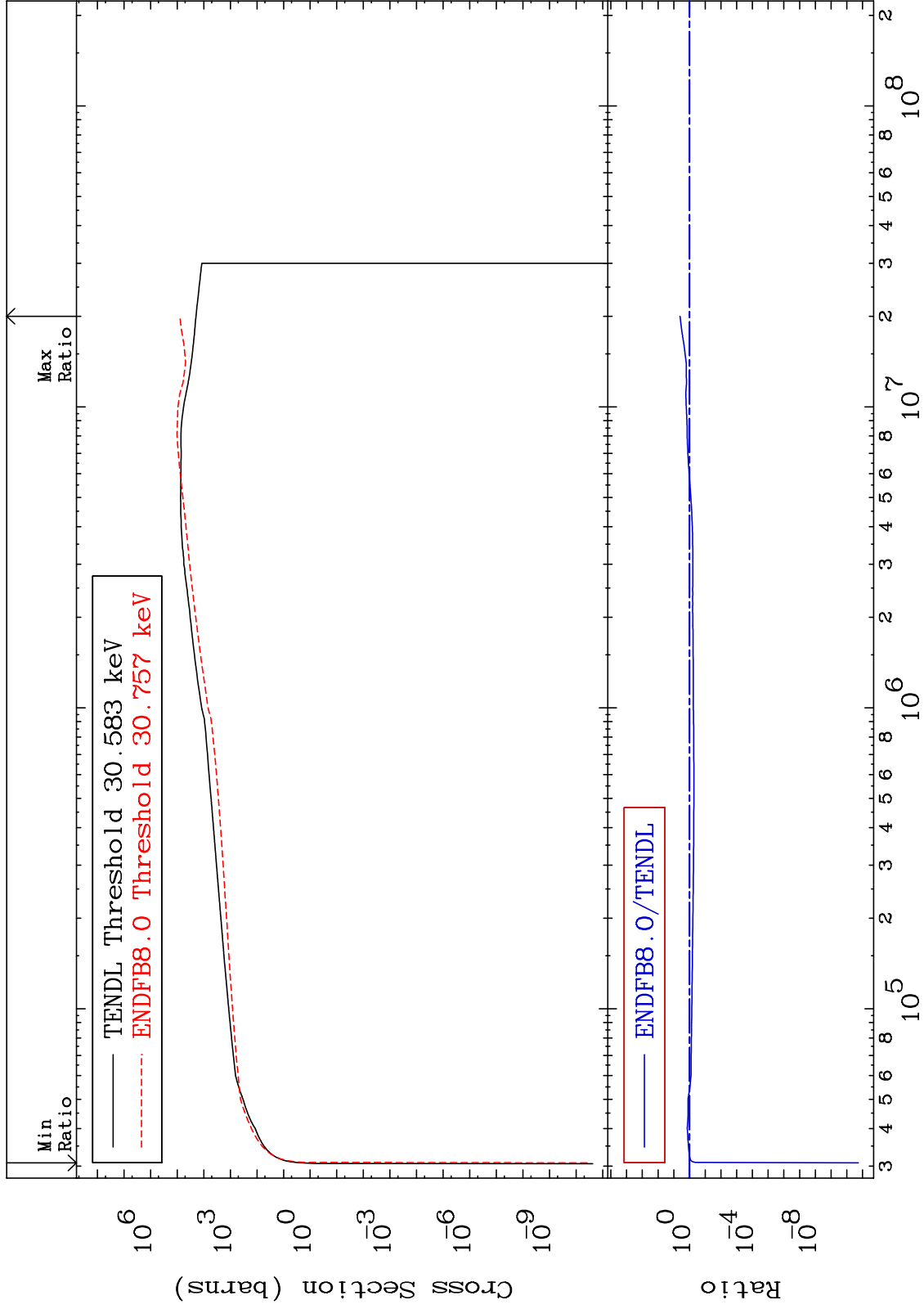
Incident Energy (eV)

19-K -40

MAT 1928

Dpa inelastic (mt51-91)  
Cross Section

19-K -40  
-100.0 To 301.1 %



MAT 1928

Dpa disappearance (mt102 -120)  
Cross Section

19-K -40  
-89.55 To 3430. %

