

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

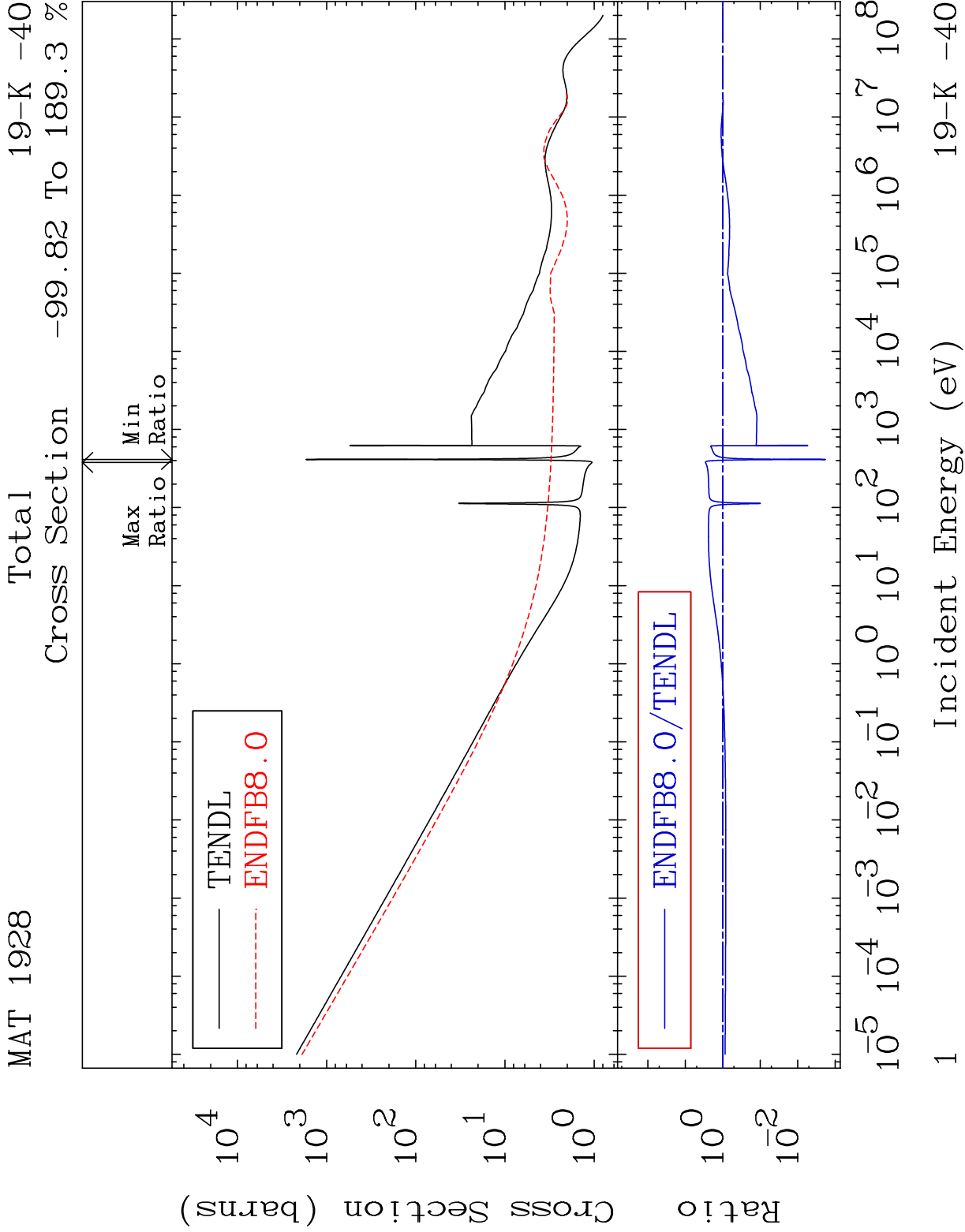
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

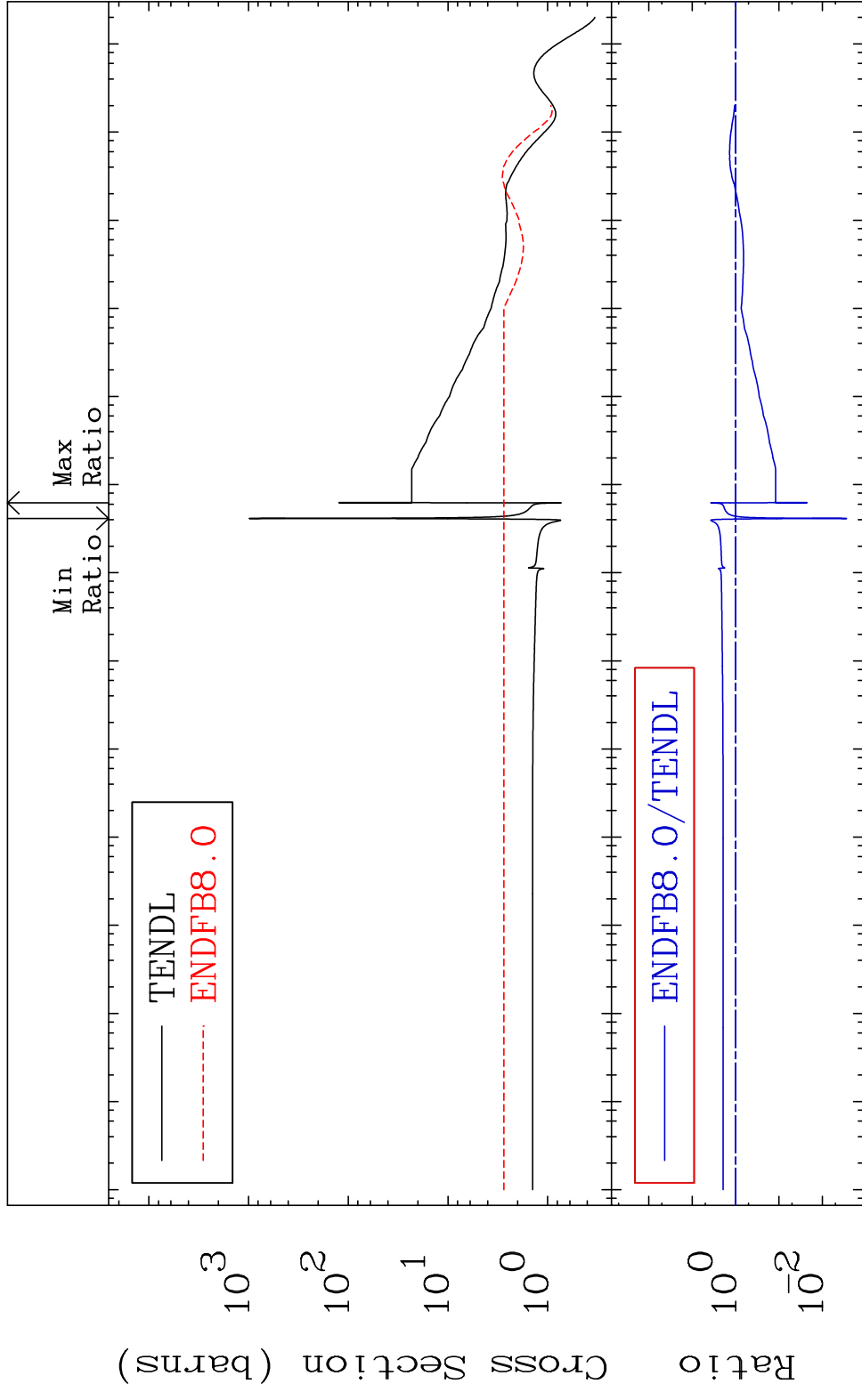


MAT 1928

Elastic

19-K -40

Cross Section -99.72 To 274.1 %

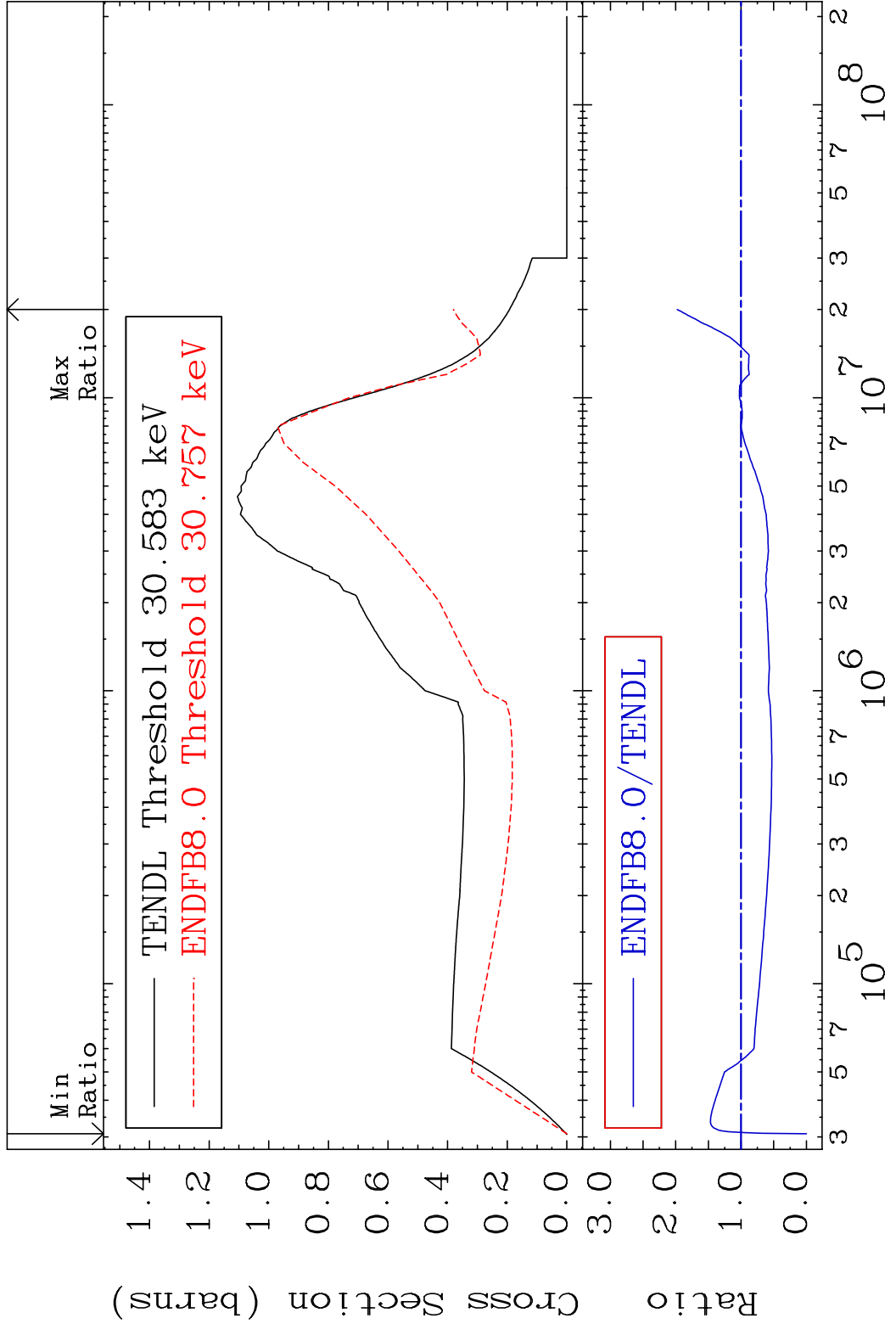


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Incident Energy (eV)

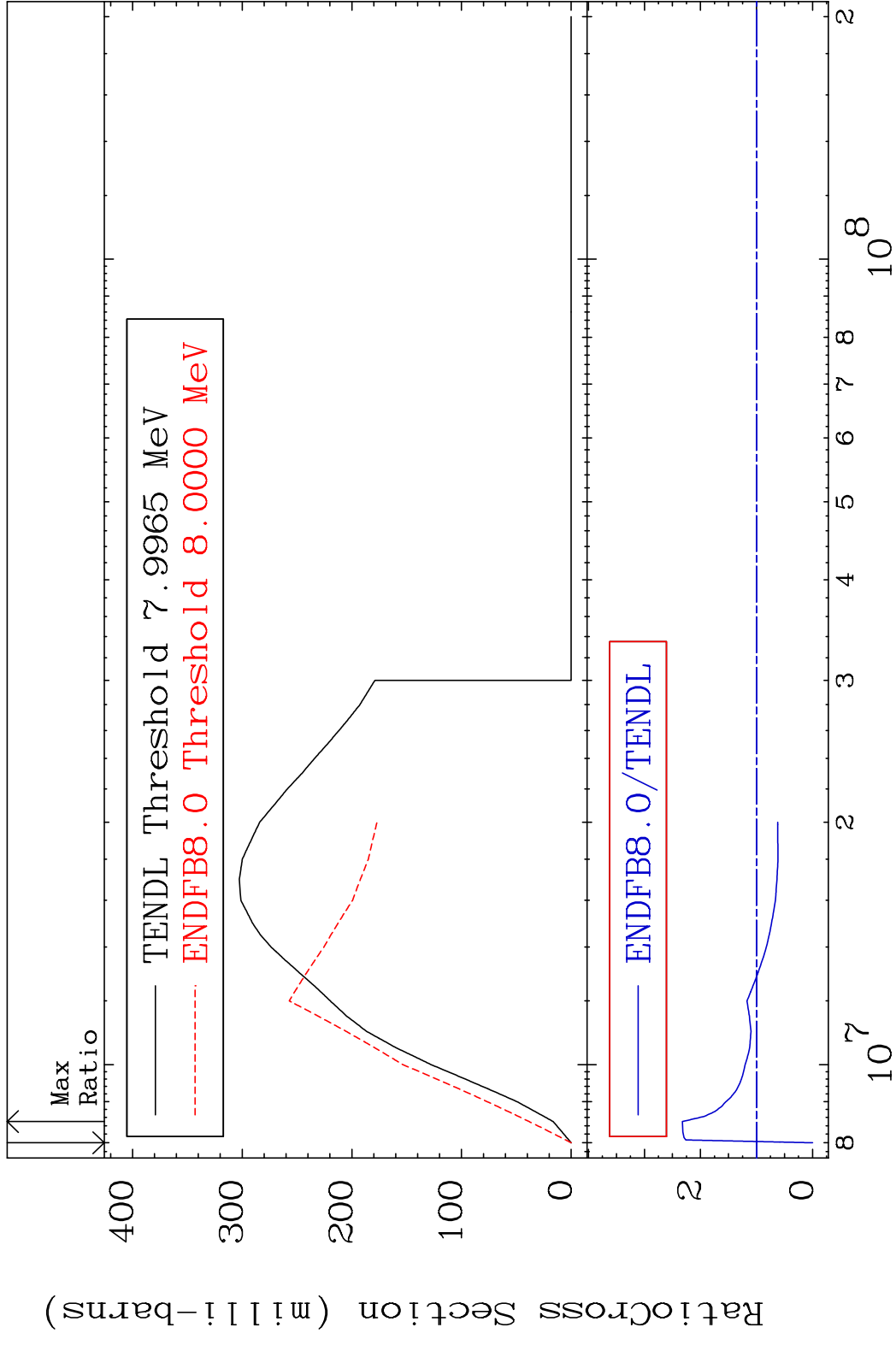
19-K -40

MAT 1928 Inelastic Cross Section 19-K -40
 -100.0 To 97.73 %



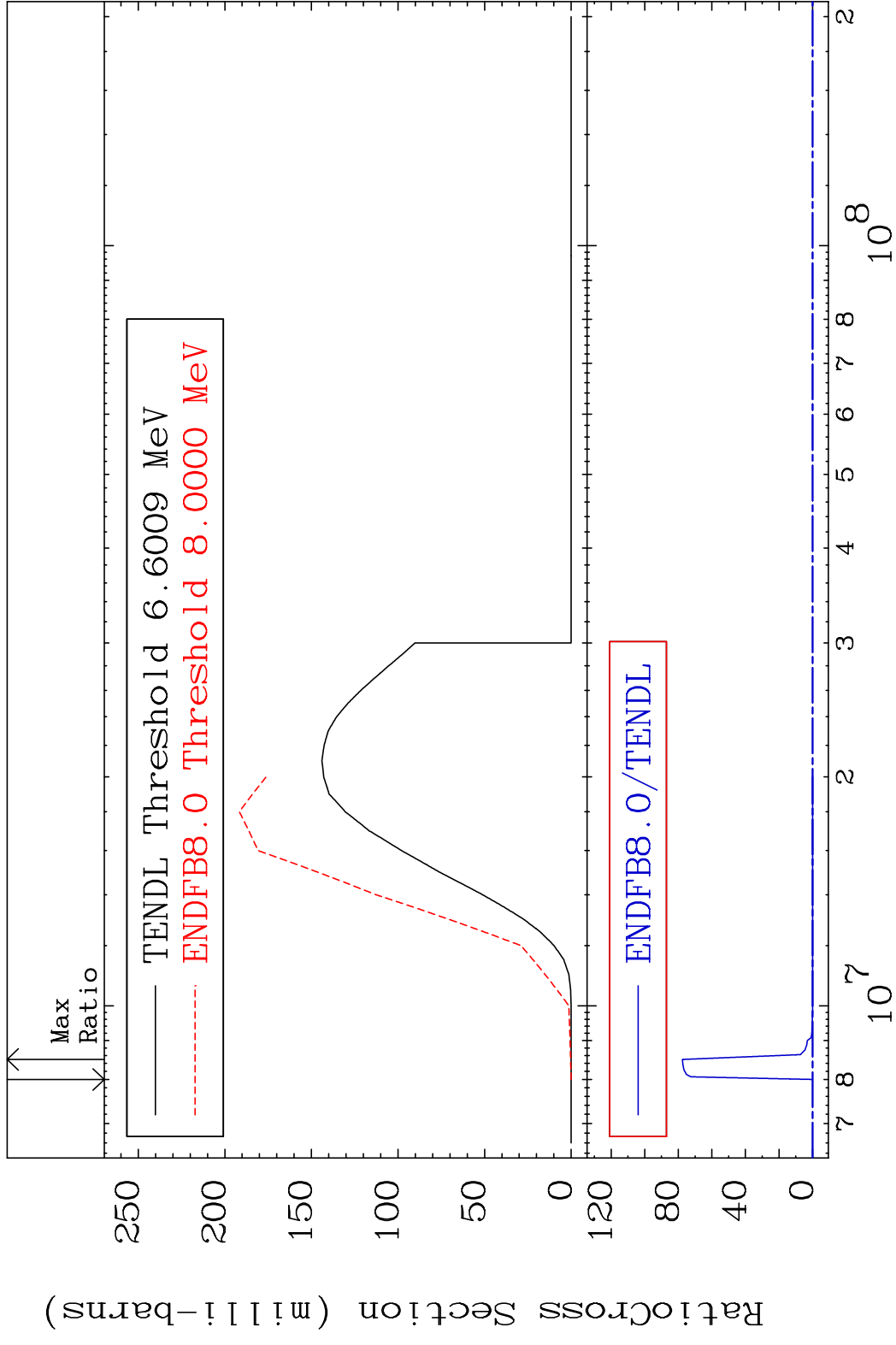
3 3 Incident Energy (eV) 19-K -40

MAT 1928 (n,2n) 19-K -40
 Cross Section -100.0 To 132.3 %



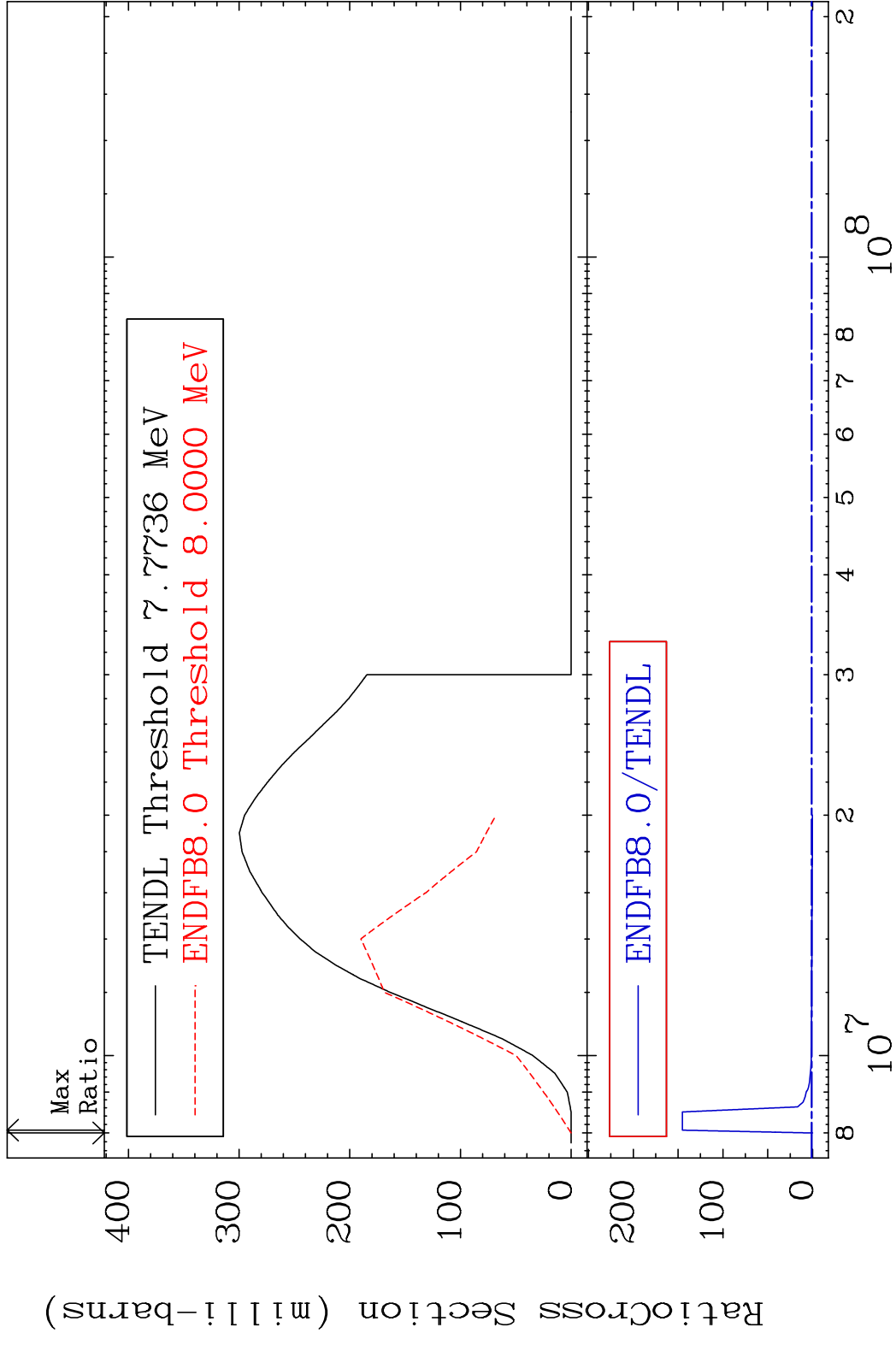
4 8 10⁷ 2 4 5 6 7 8 10⁸ 2 19-K -40

MAT 1928 (n, n') α 19-K -40
 Cross Section -100.0 To 9999. %



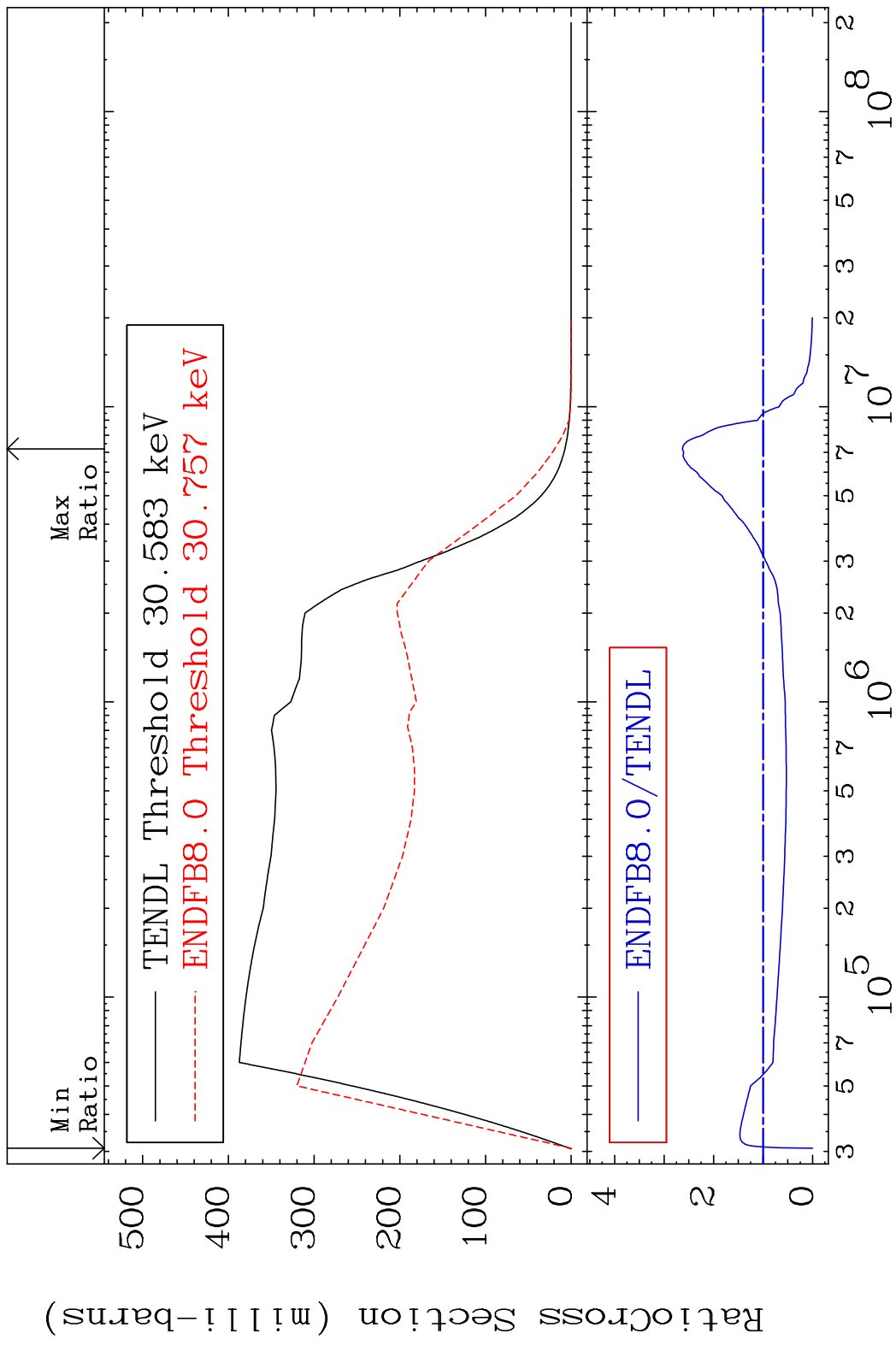
5 19-K -40

MAT 1928 (n, n') p 19-K -40
 Cross Section -100.0 To 9999. %



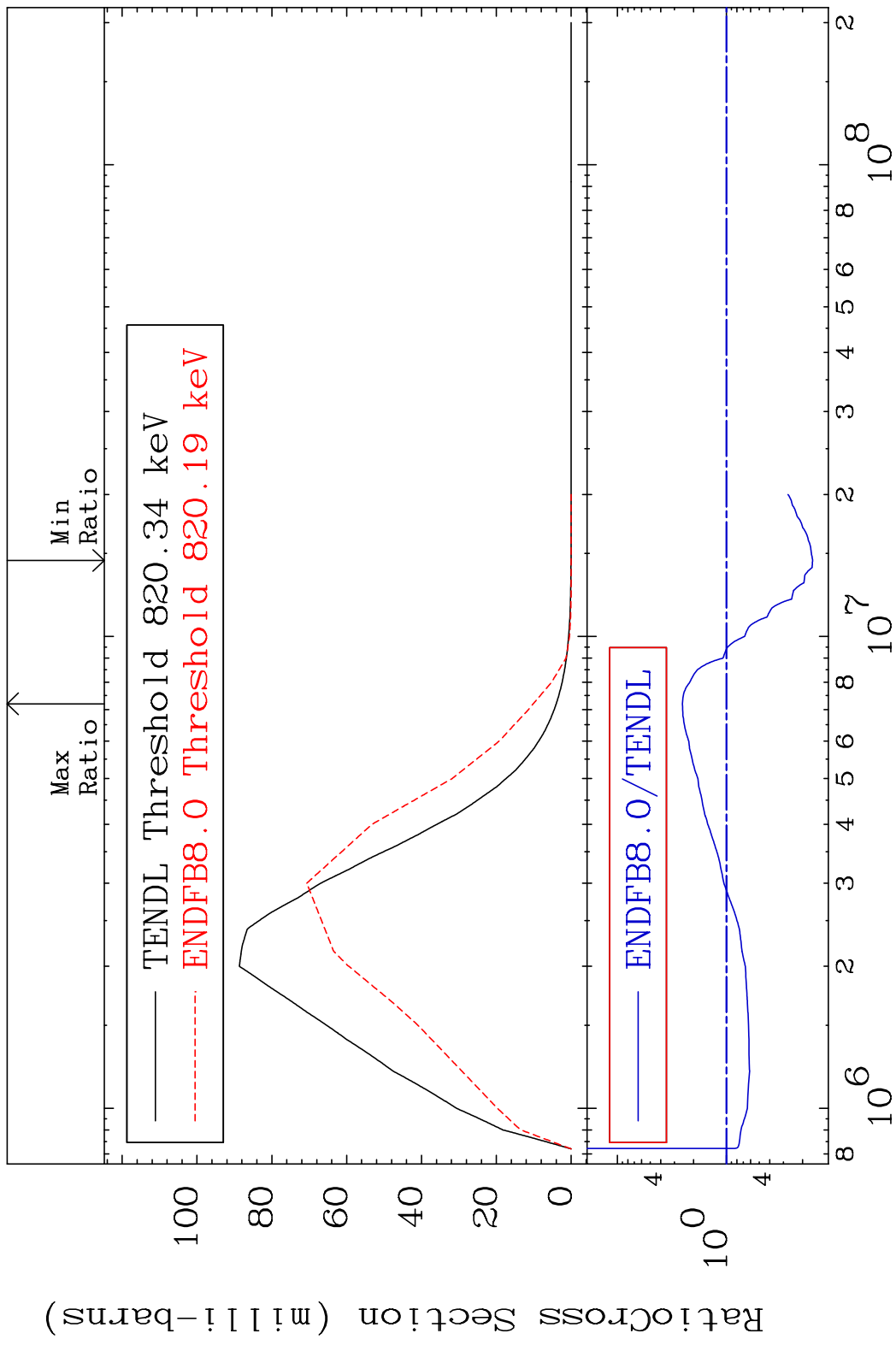
6 8 10⁷ 2 10⁸ 19-K -40

MAT 1928 MT= 51 (n, n') Level 19-K -40
 Cross Section -100.0 To 163.0 %



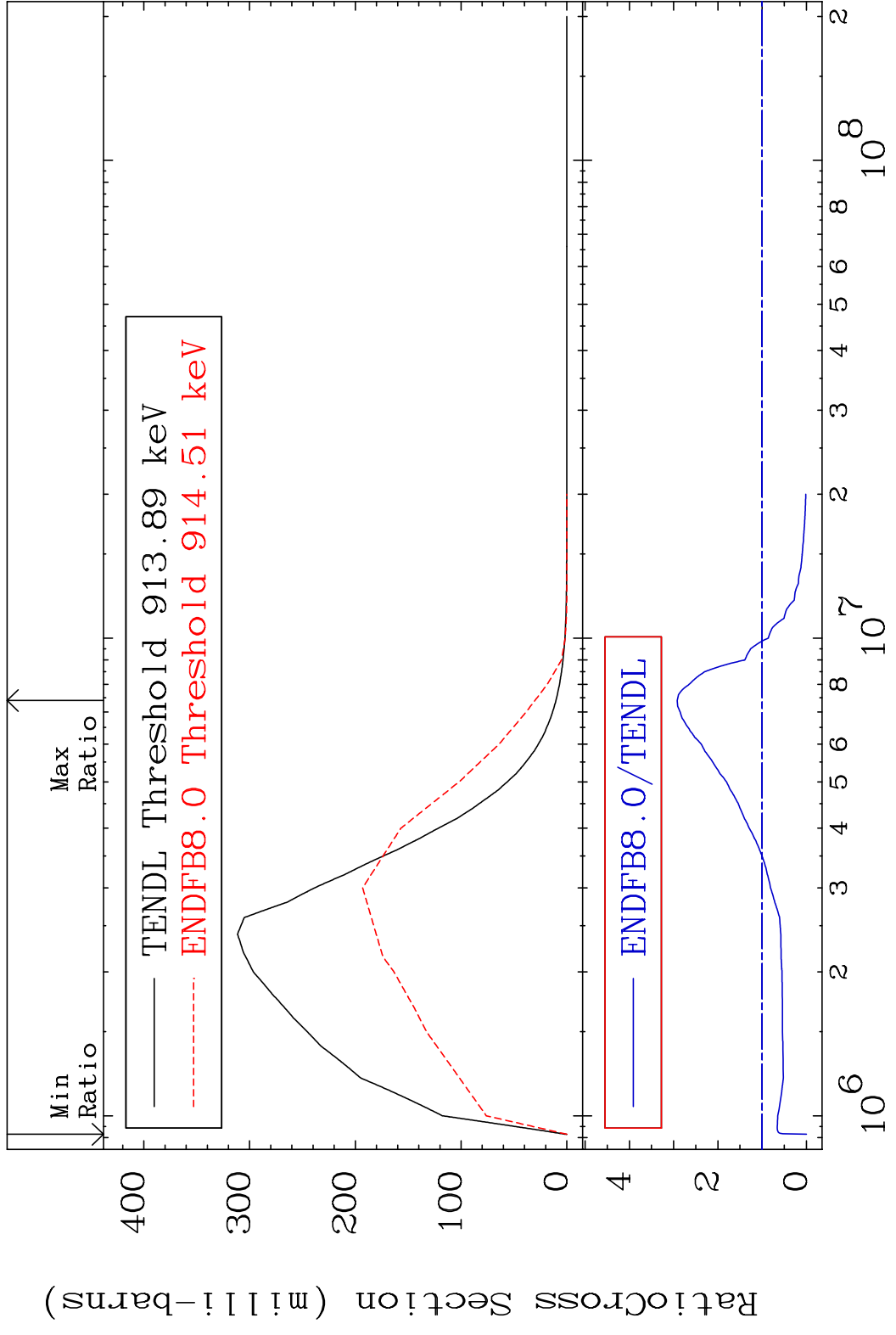
7 19-K -40

MAT 1928 MT= 52 (n, n') Level 19-K -40
 Cross Section -83.77 To 153.6 %

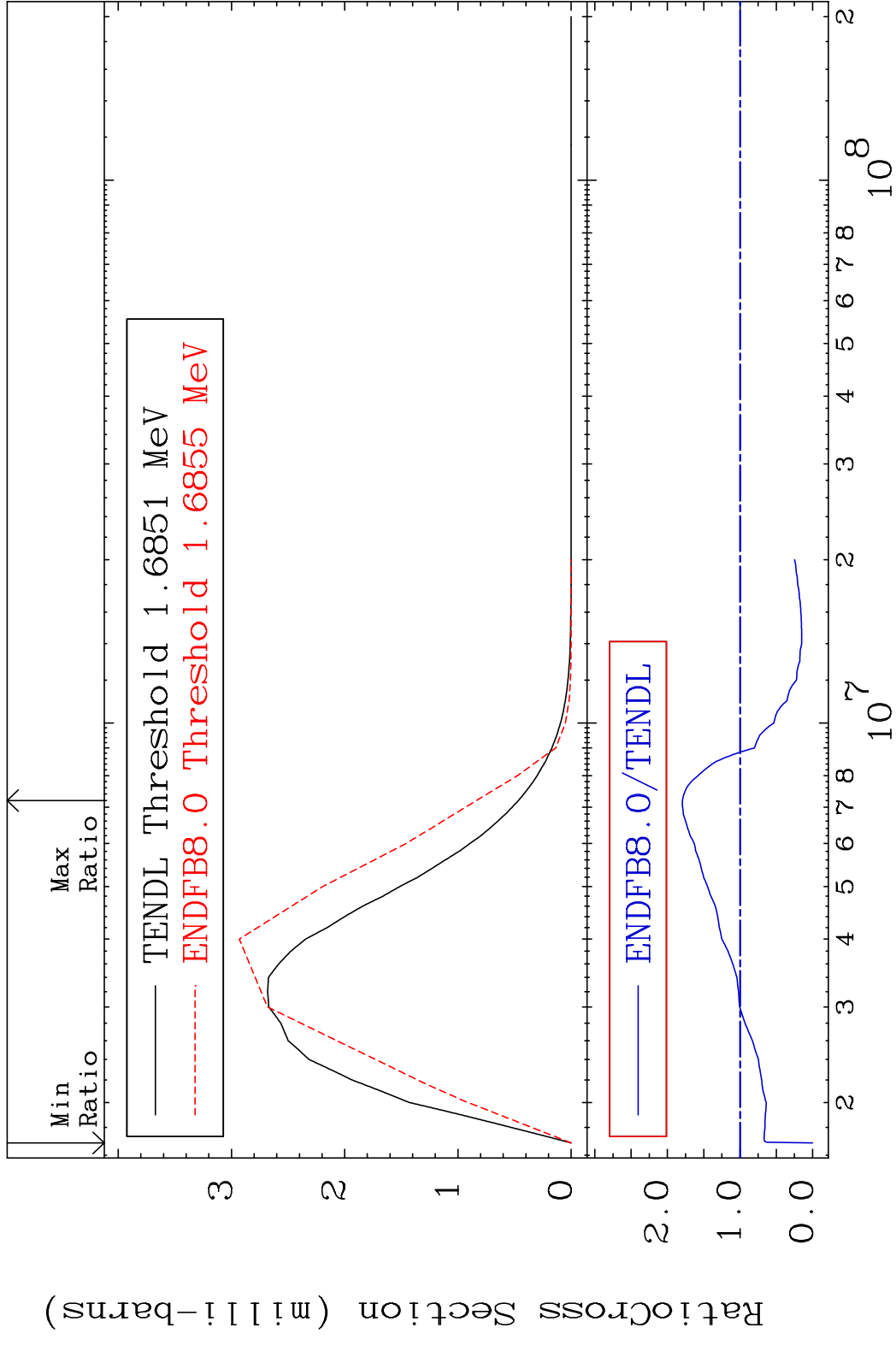


8 Incident Energy (eV) 19-K -40

MAT 1928 MT= 53 (n, n') Level 19-K -40
 Cross Section -100.0 To 191.9 %

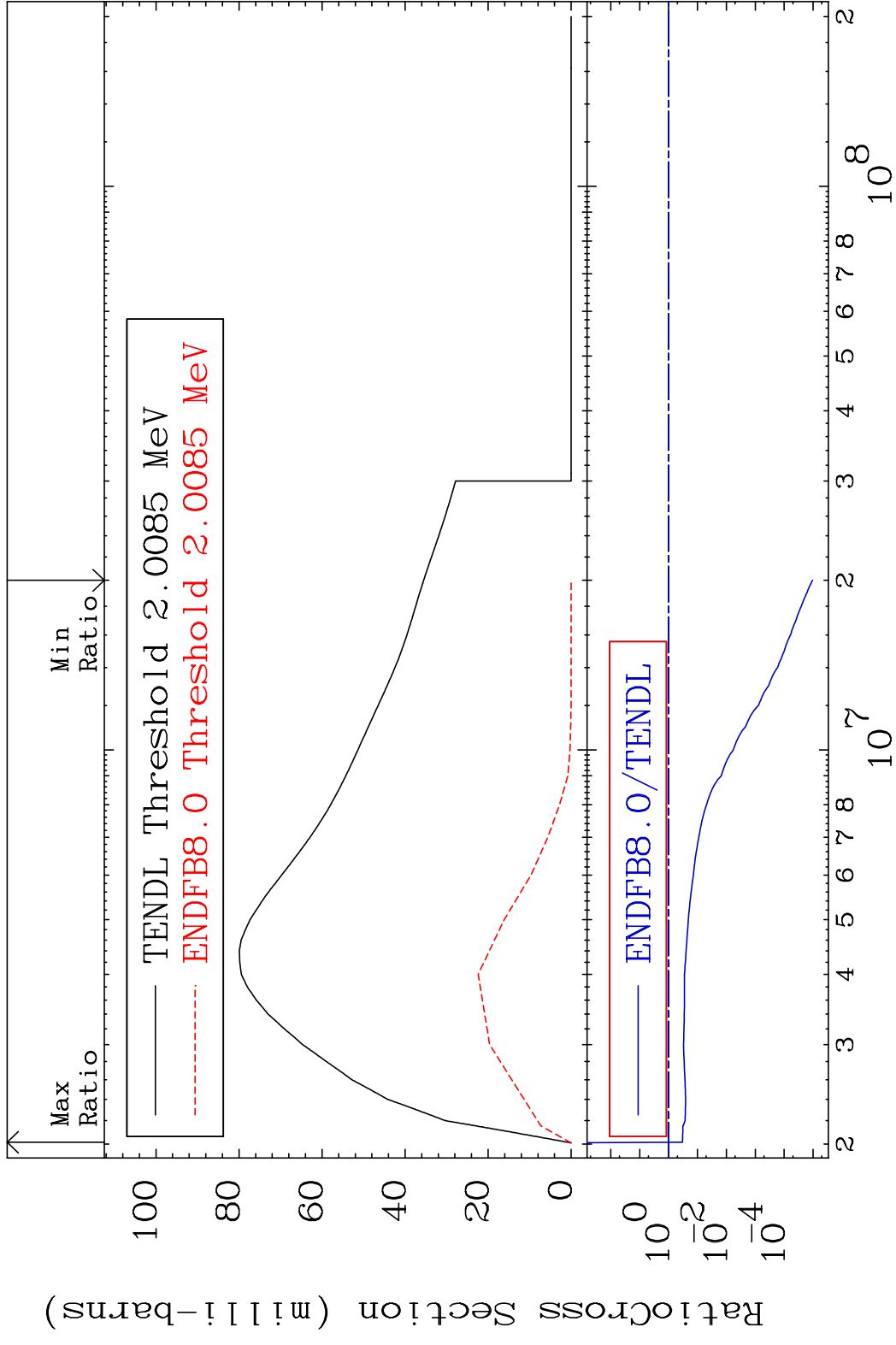


MAT 1928 MT= 54 (n,n') Level 19-K -40
 Cross Section -100.0 To 79.46 %



10 10 19-K -40

MAT 1928 MT= 55 (n, n') Level 19-K -40
 Cross Section -100.0 To -66.64%

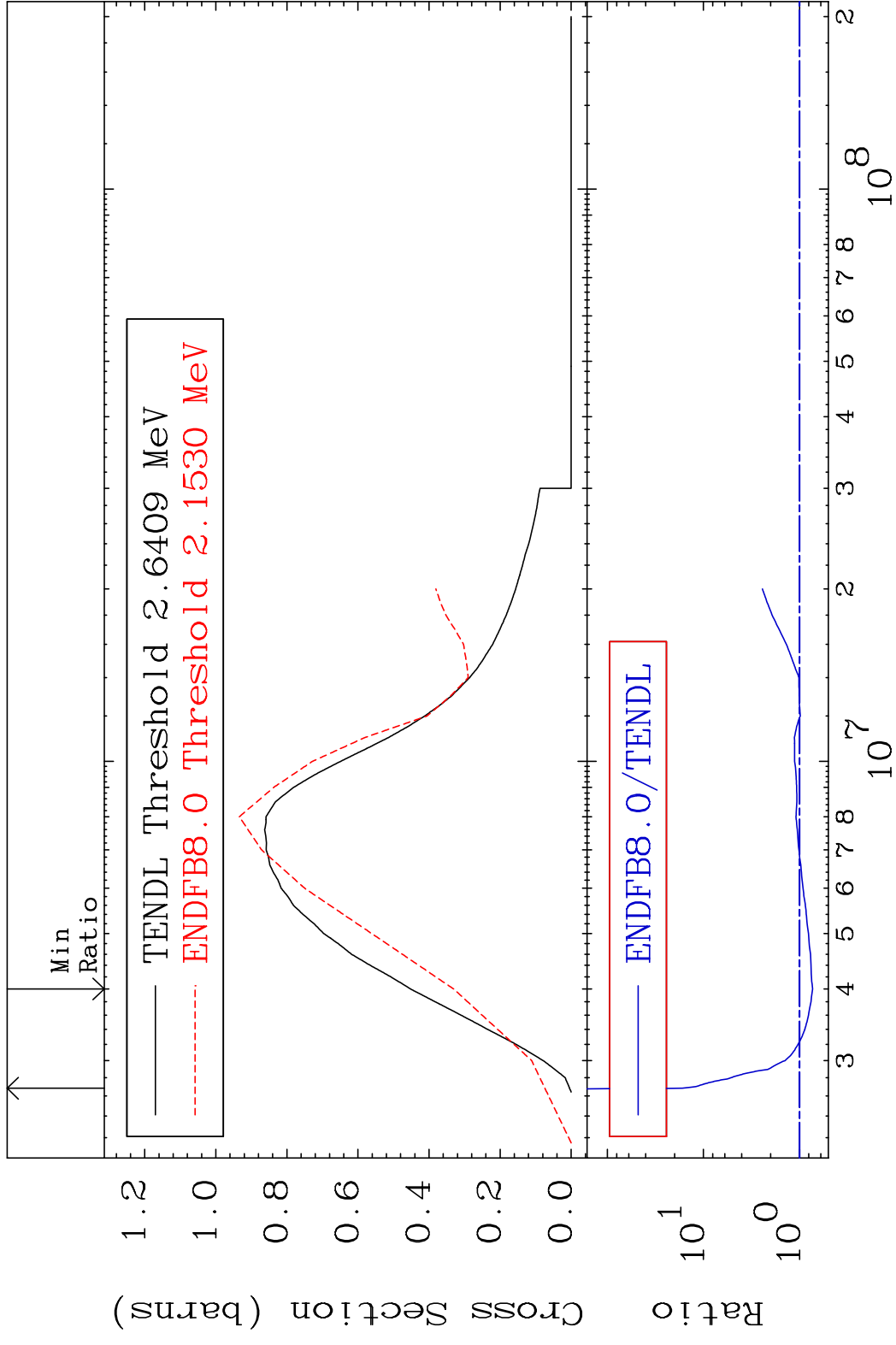


MAT 1928

(n,n') Continuum

19-K -40

Cross Section -26.84 To 1559. %



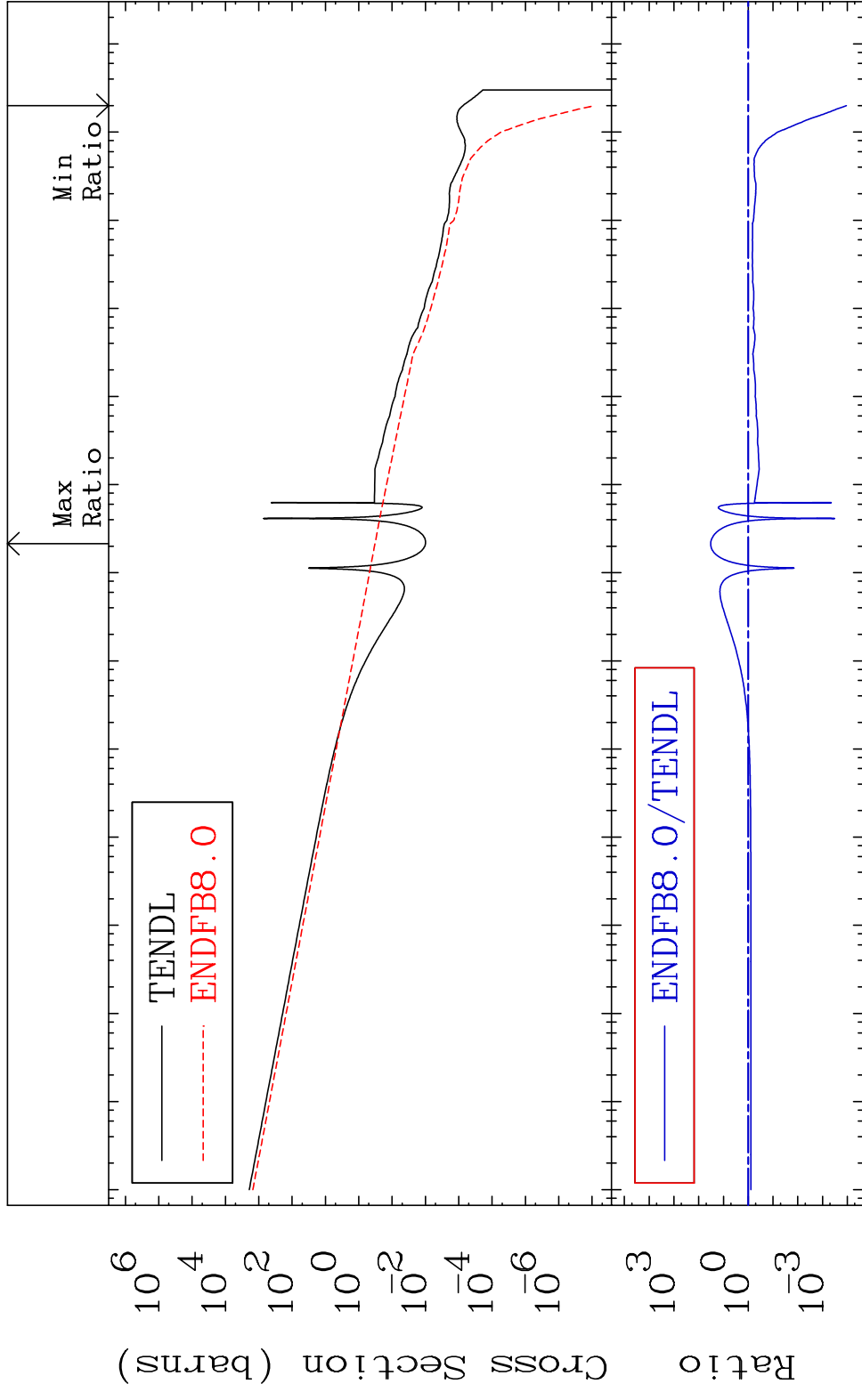
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Incident Energy (eV)

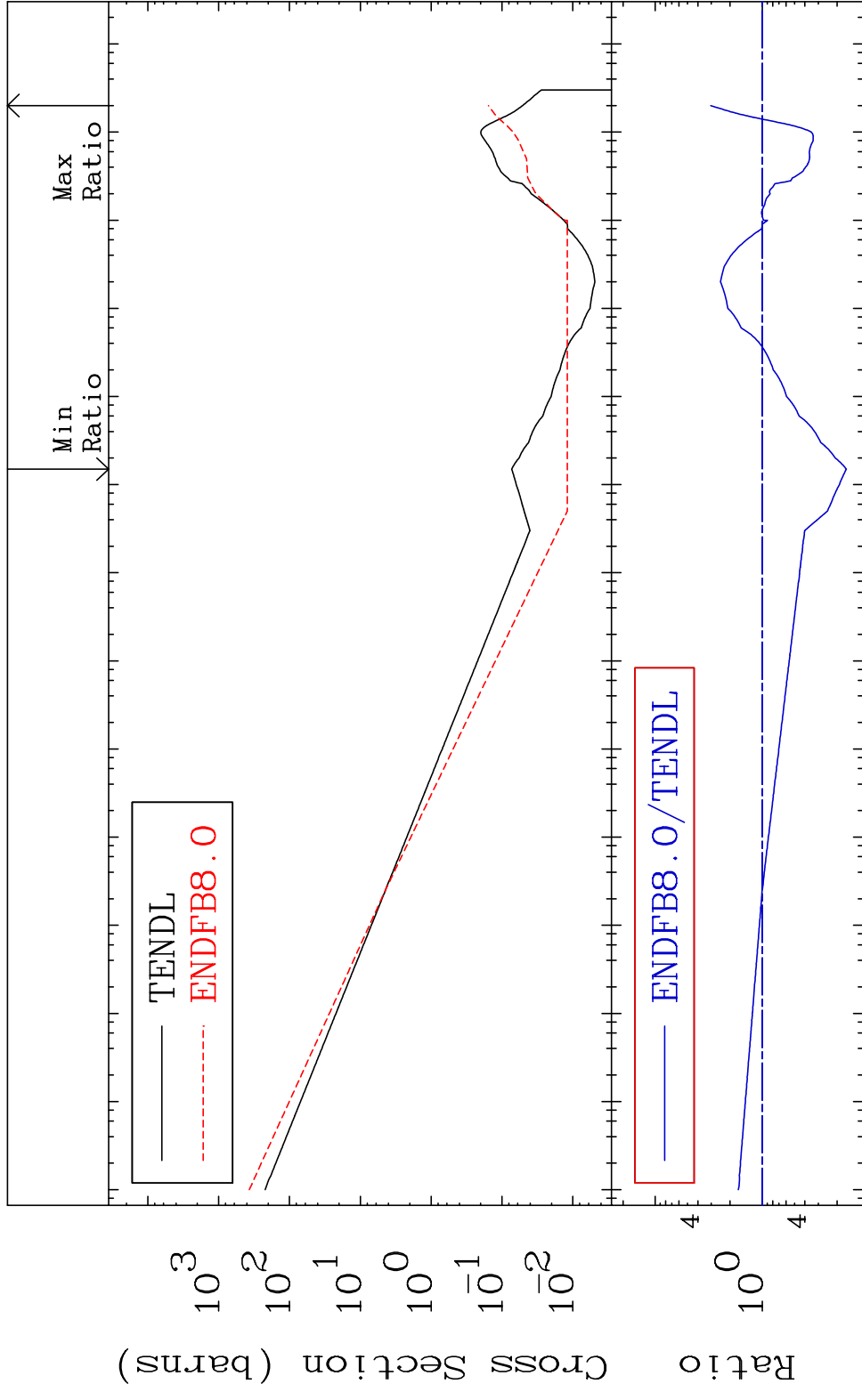
19-K -40

MAT 1928

(n, γ)
Cross Section -99.99 To 3170. % 19-K -40



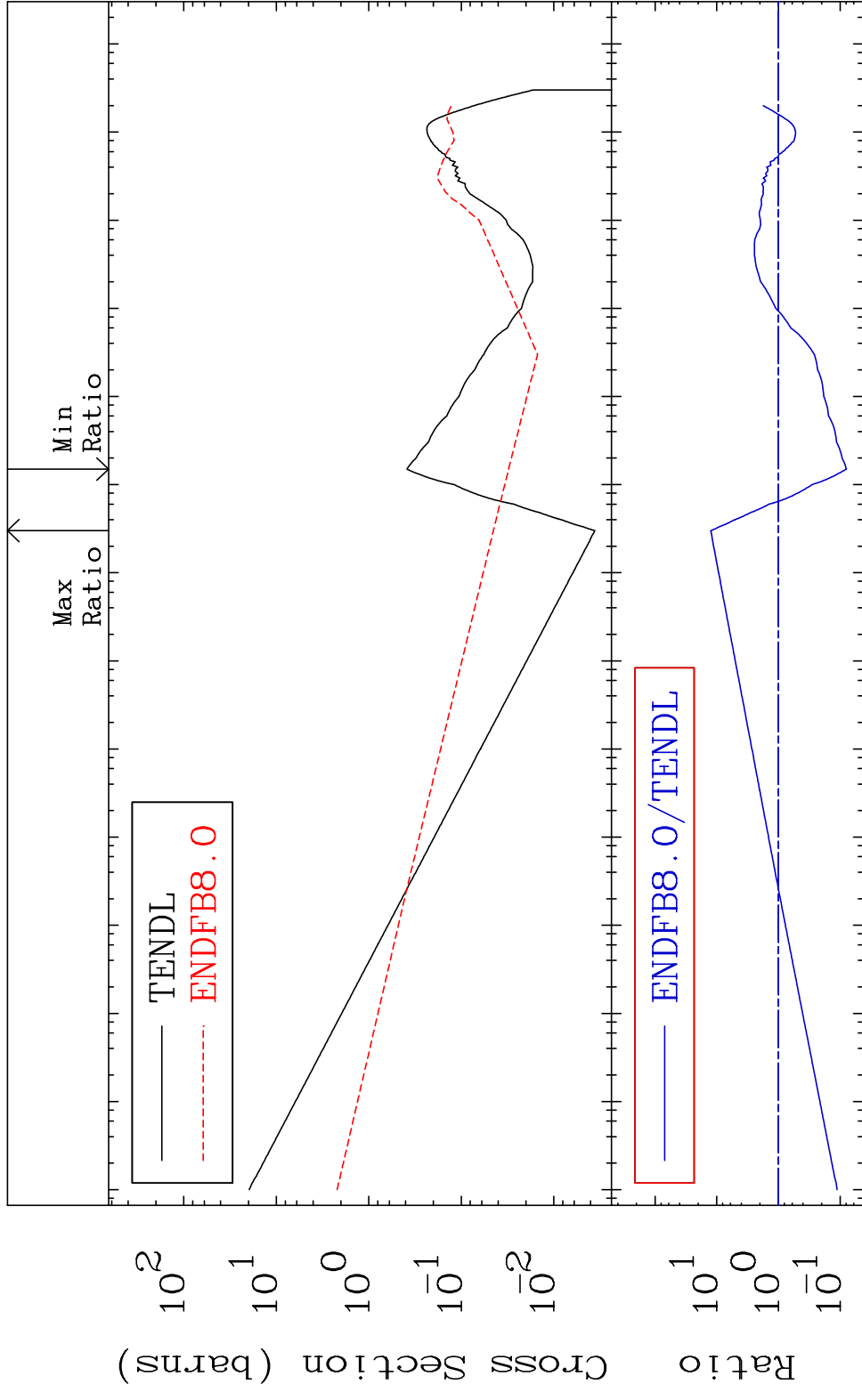
MAT 1928 (n,p) Cross Section 19-K -40
 -83.58 To 203.3 %



Ratio
 Incident Energy (eV) 19-K -40

MAT 1928

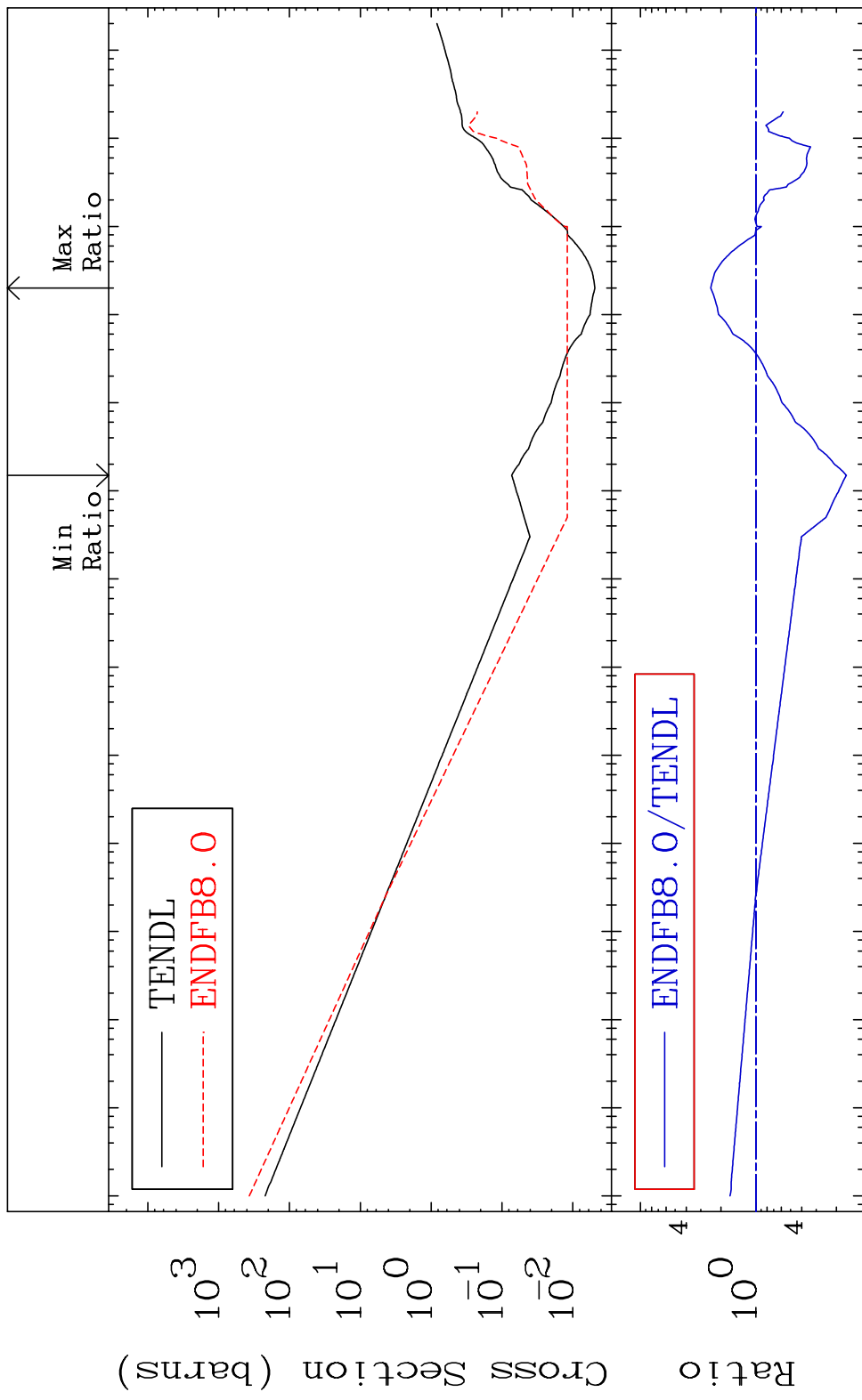
(n, α)
Cross Section -92.05 To 1153. %
19-K -40



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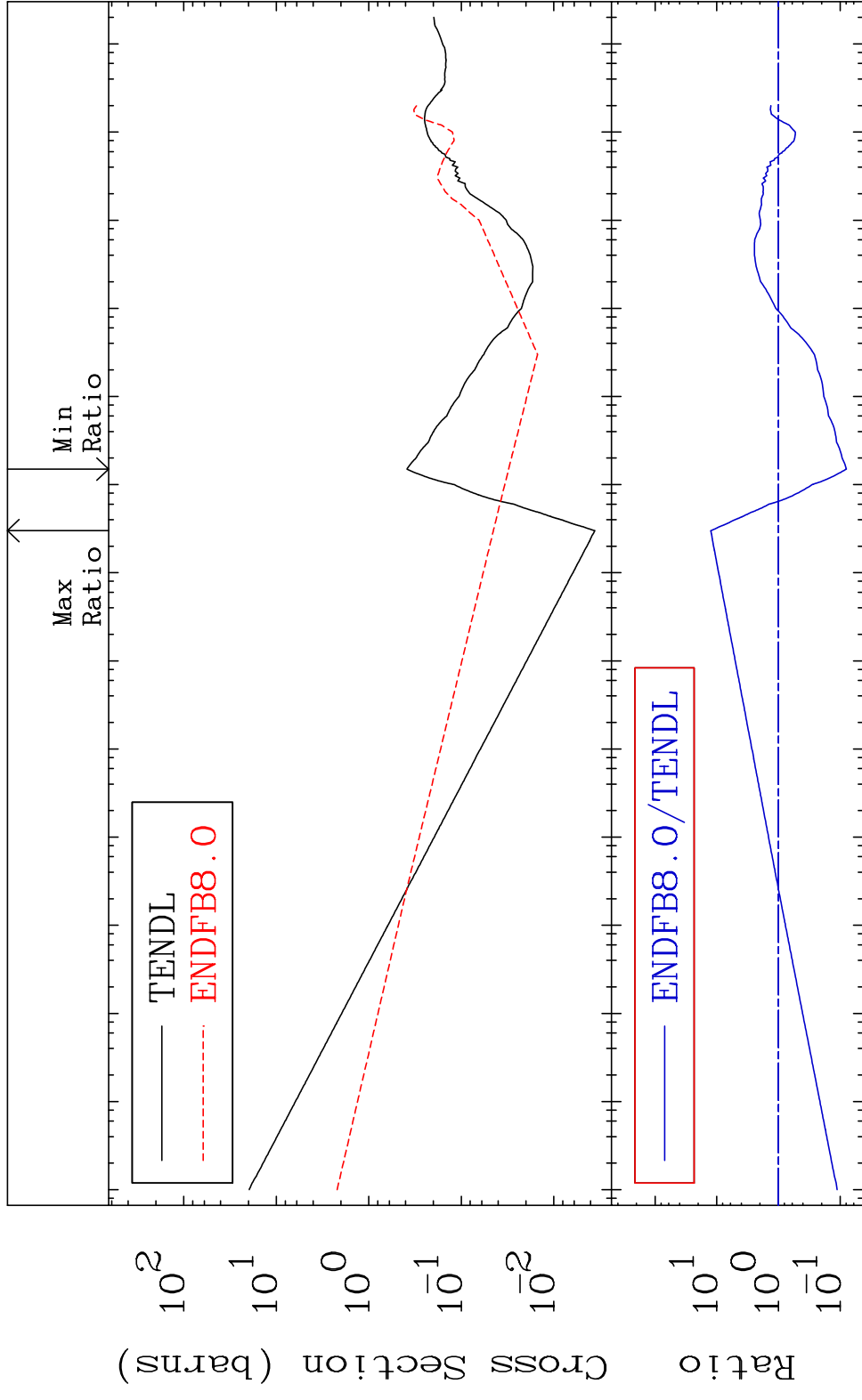
Incident Energy (eV) 19-K -40

MAT 1928 Hydrogen Production 19-K -40
 Cross Section -83.58 To 145.9 %



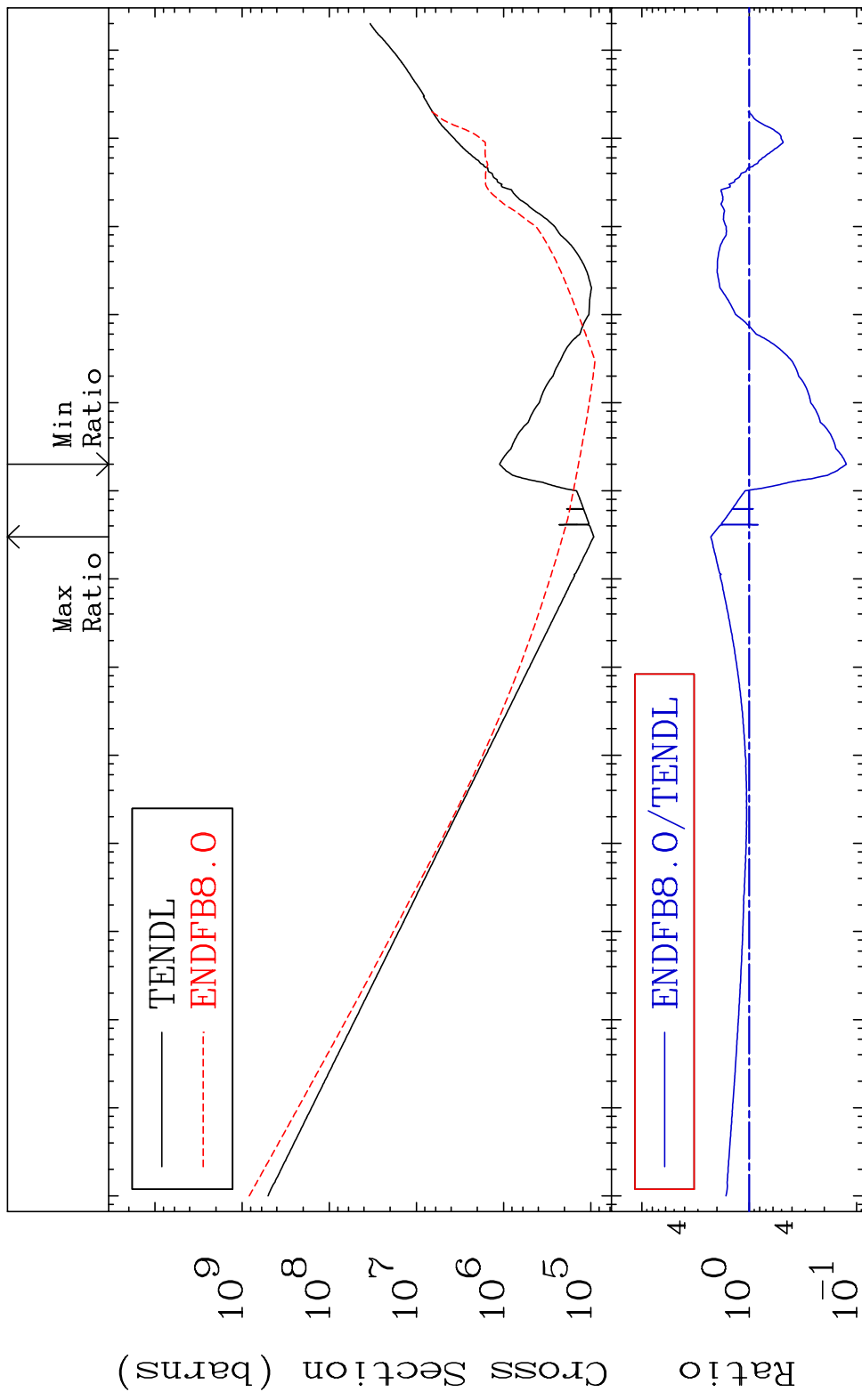
16 Incident Energy (eV) 19-K -40

MAT 1928 He-4 Production 19-K -40
 Cross Section -92.05 To 1153. %



17 Incident Energy (eV) 19-K -40

MAT 1928 Kerma total (eV-barns) 19-K -40
 Cross Section -87.56 To 128.4 %

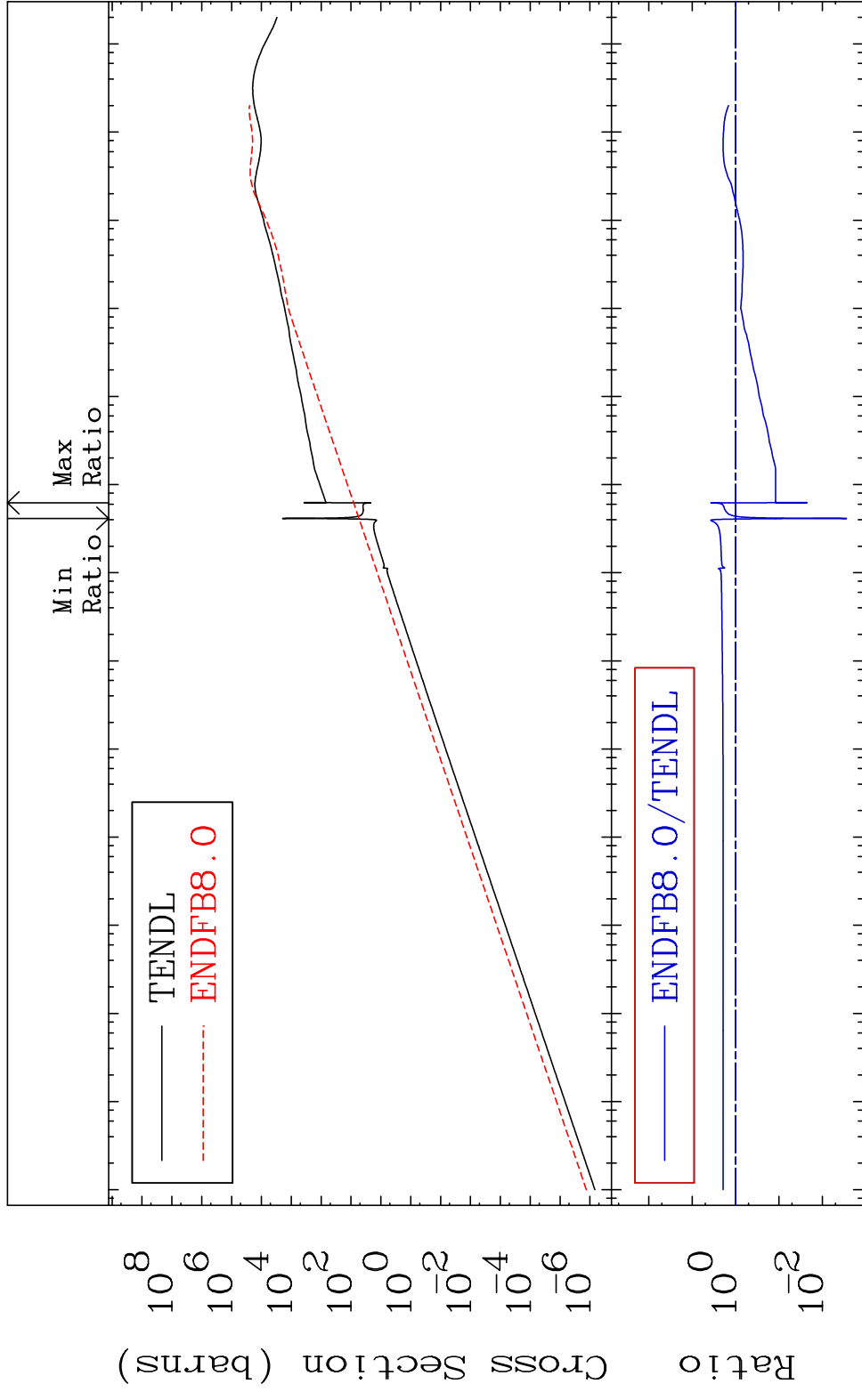


18 Incident Energy (eV) 19-K -40

MAT 1928

Kerma elastic
Cross Section -99.72 To 274.1 %

19-K -40

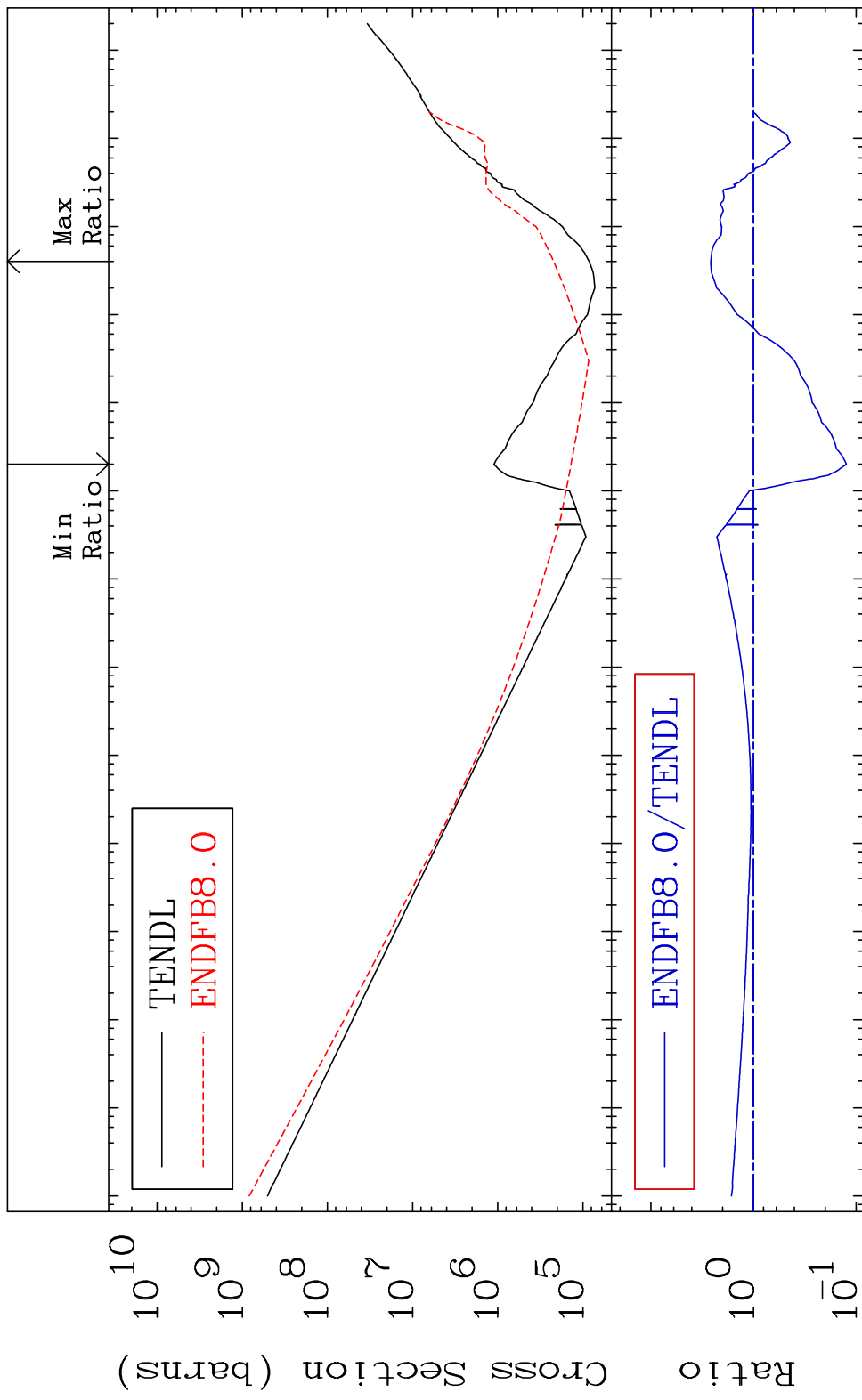


19

Incident Energy (eV)

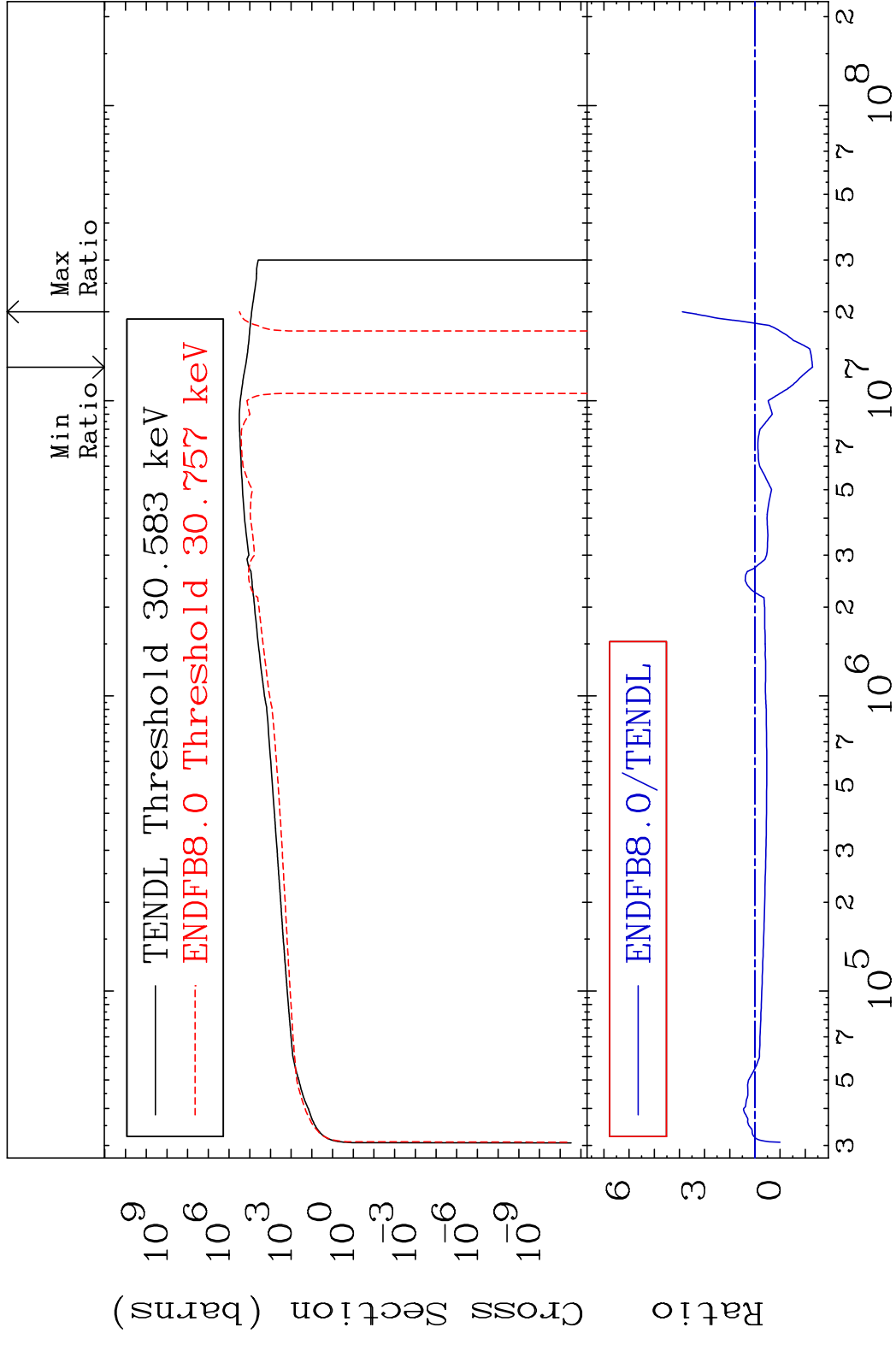
19-K -40

MAT 1928 Kerma non-elastic (all but mt2) 19-K -40
 Cross Section -87.57 To 161.1 %

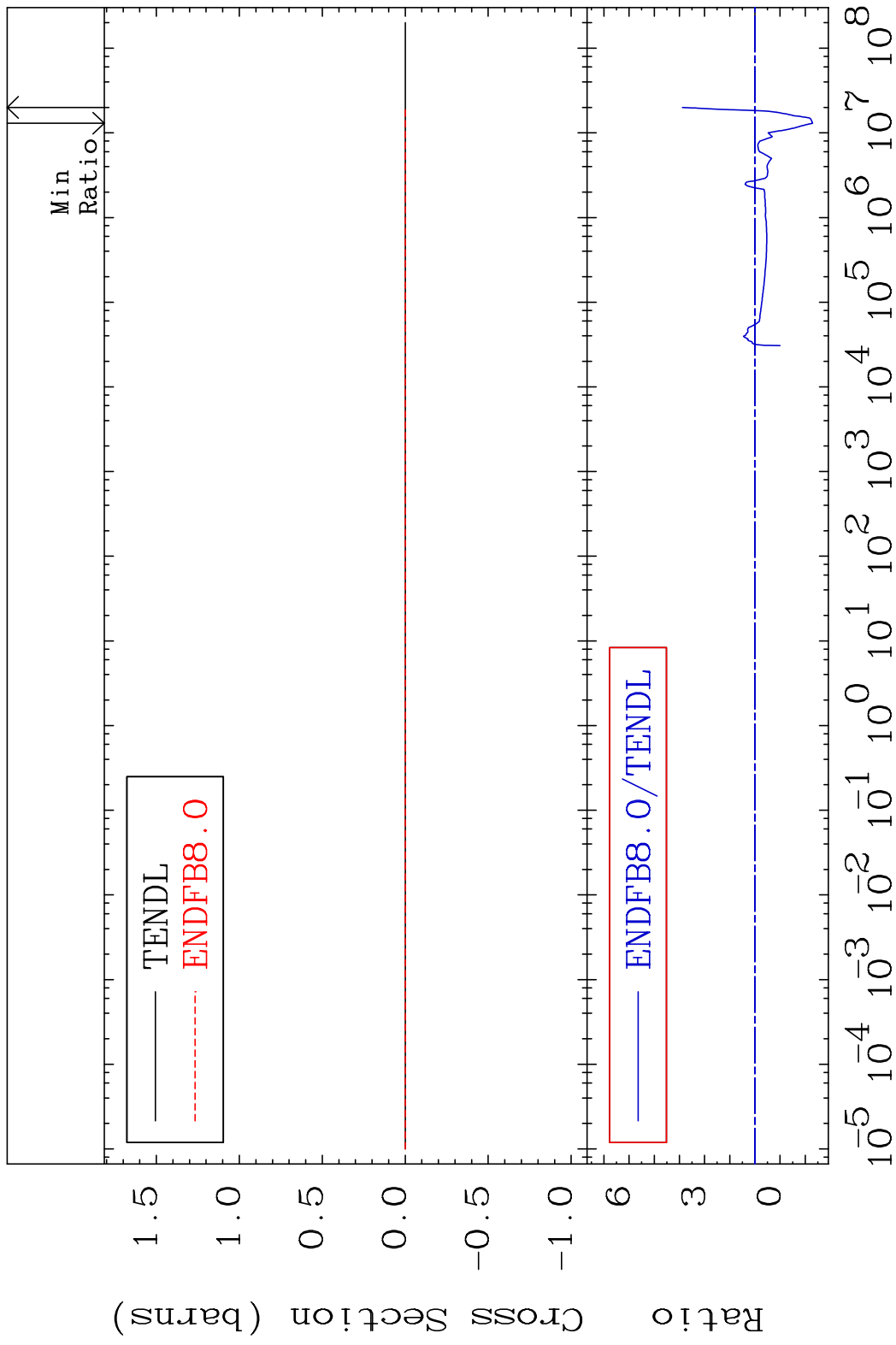


20 Incident Energy (eV) 19-K -40

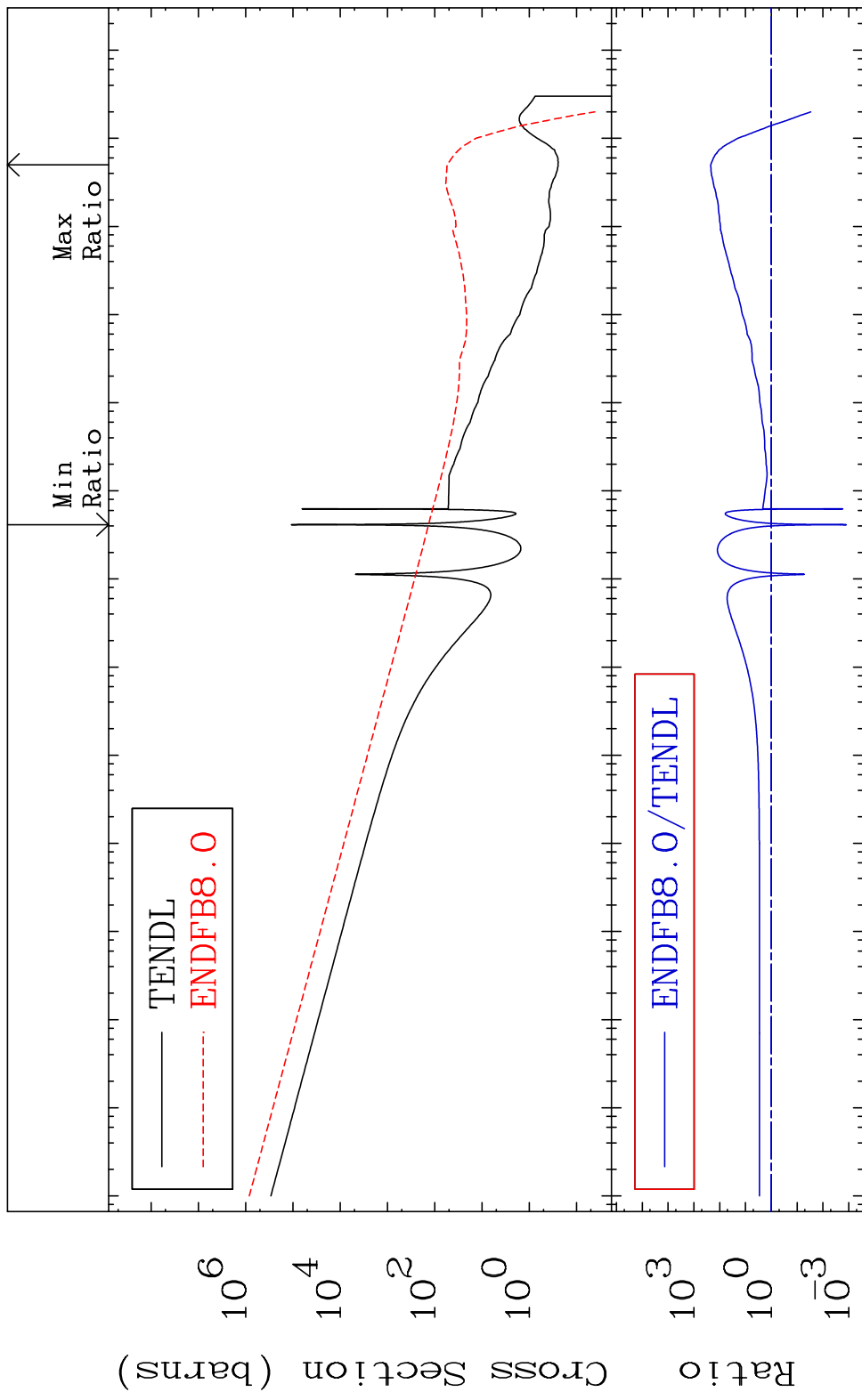
MAT 1928 Kerma inelastic (mt51-91) 19-K -40
 Cross Section -229.1 To 288.3 %



MAT 1928 Kerma fission (mt18 or mt19-20-21-38) 19-K -40
 Cross Section -229.1 To 288.3 %

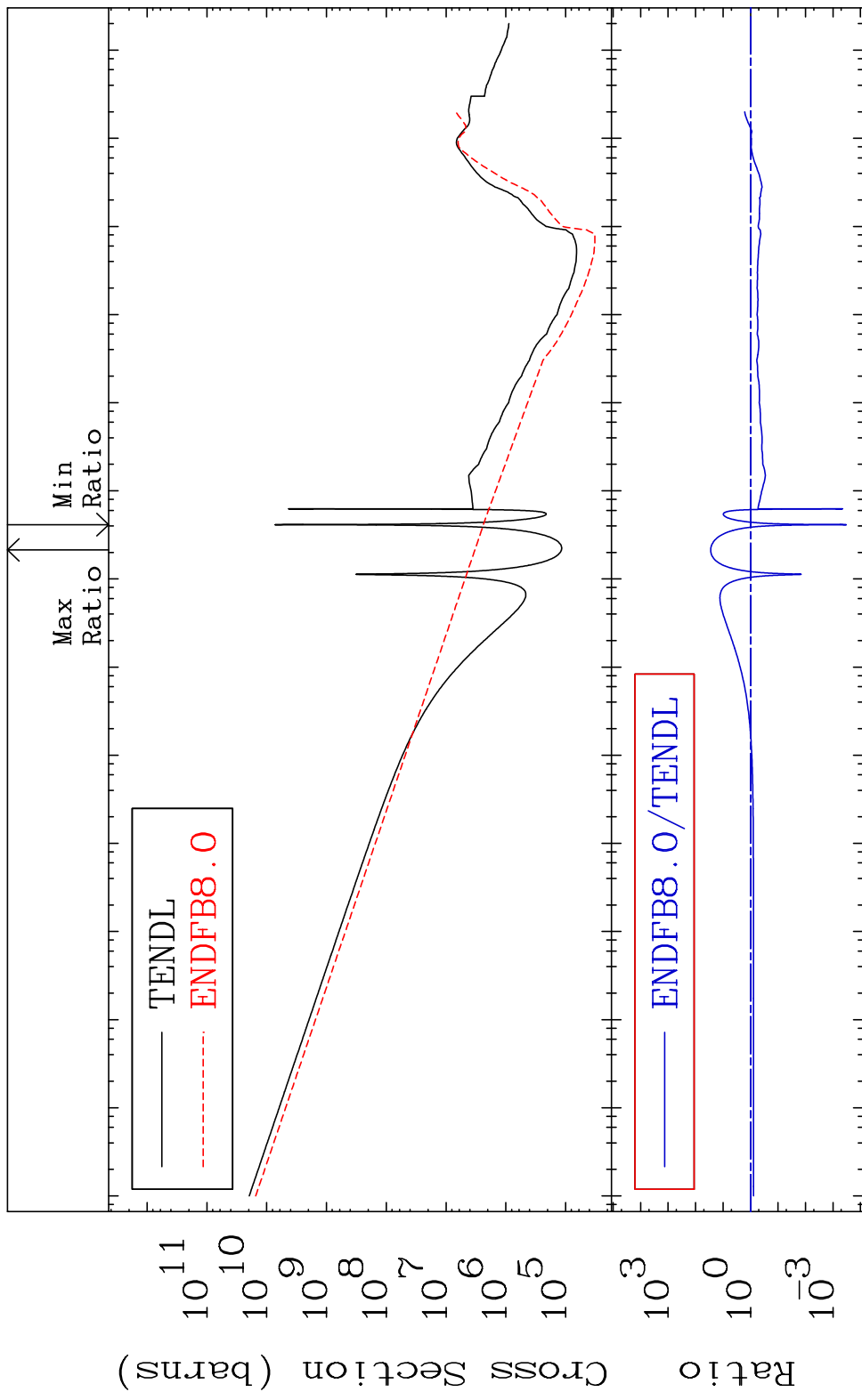


MAT 1928 Kerma capture (mt102) 19-K -40
 Cross Section -99.88 To 9999. %



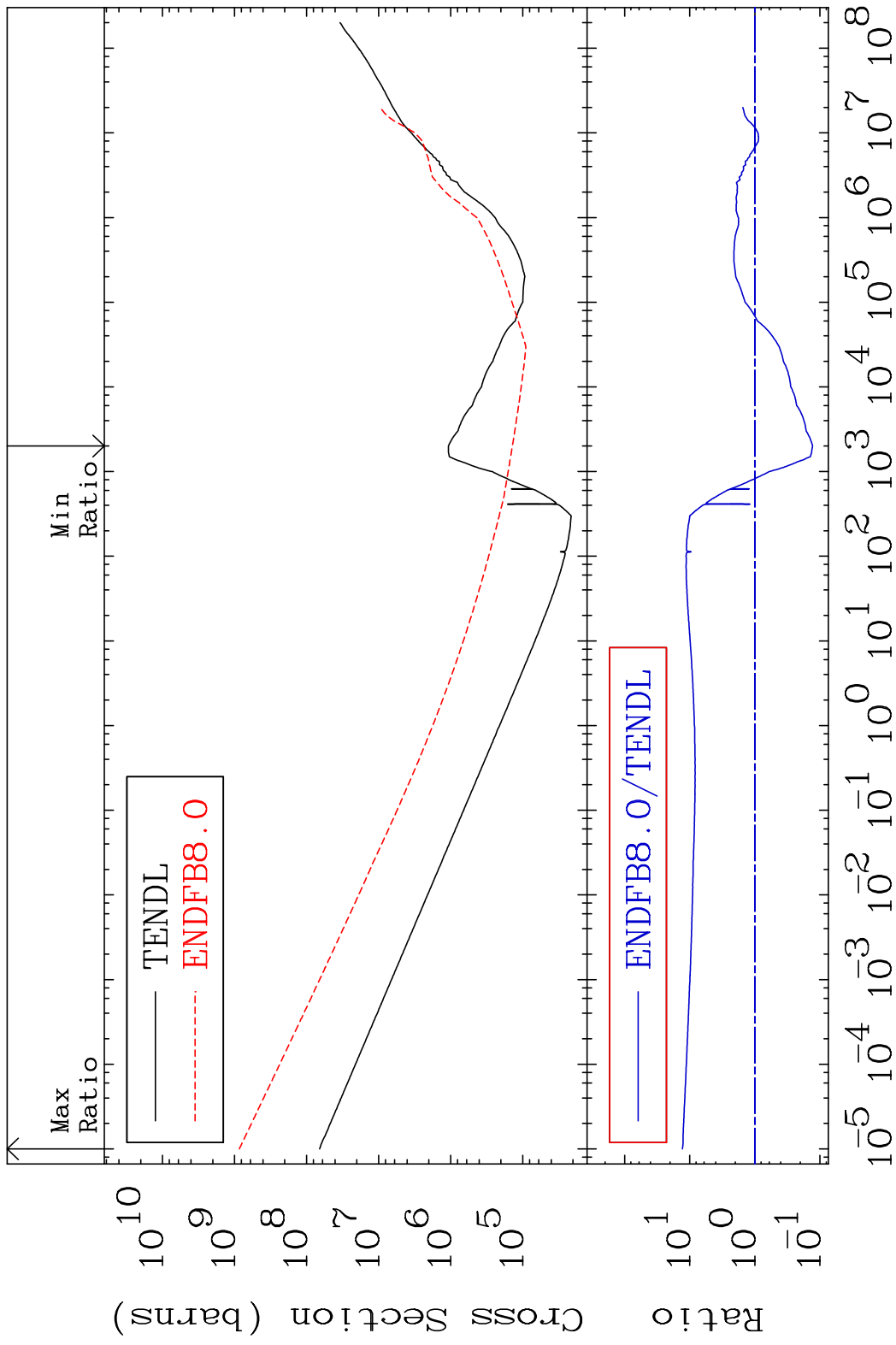
23 Incident Energy (eV) 19-K -40

MAT 1928 Total photon (eV-barns) 19-K -40
 Cross Section -99.97 To 2713. %

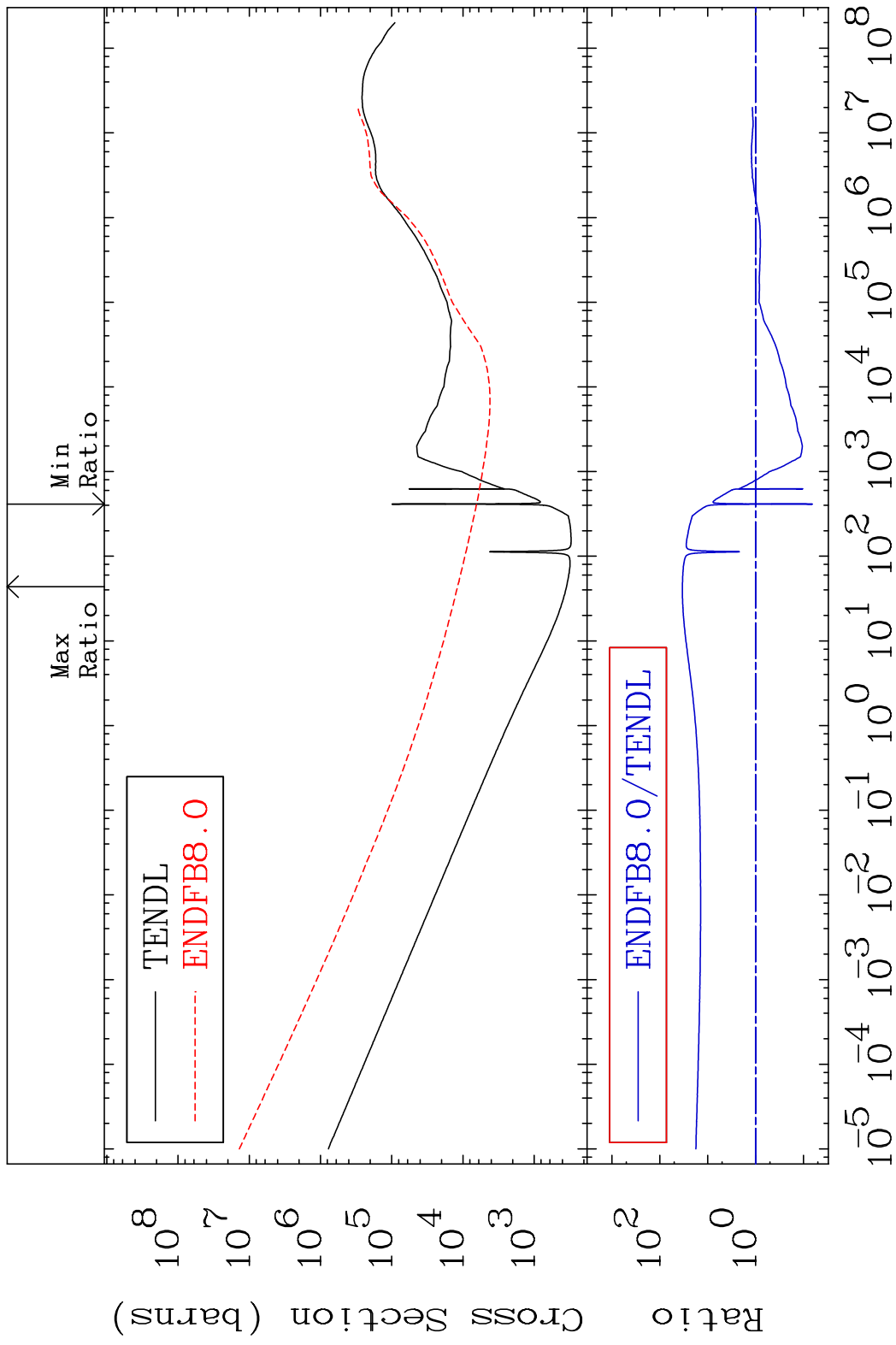


24 Incident Energy (eV) 19-K -40

MAT 1928 Total kinematic kerma (high limit) 19-K -40
 Cross Section -87.02 To 1198. %

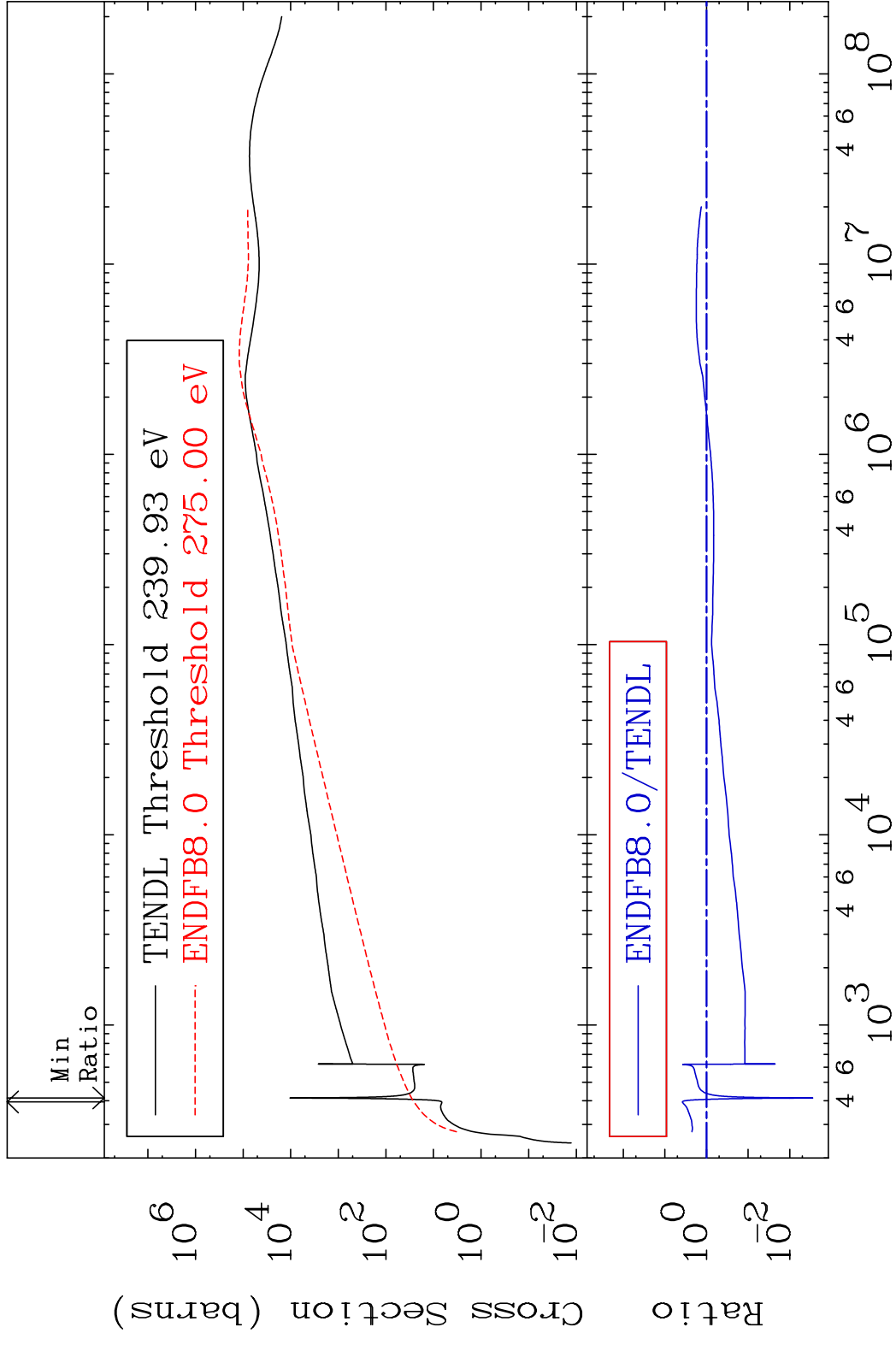


MAT 1928 Dpa total (eV-barns) 19-K -40
 Cross Section -93.53 To 3289. %

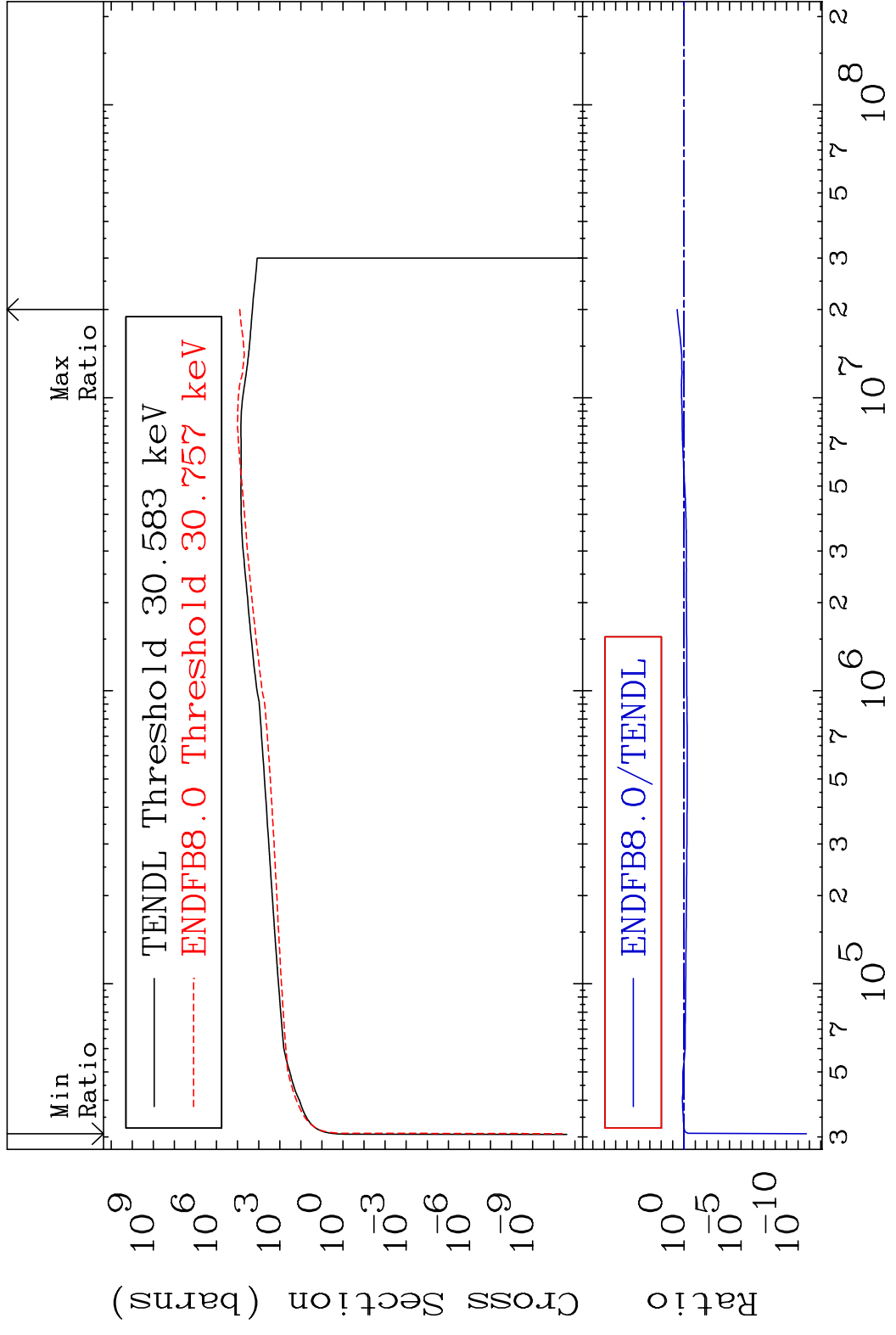


26 Incident Energy (eV) 19-K -40

MAT 1928 Dpa elastic (mt2) 19-K -40
 Cross Section -99.72 To 280.5 %



MAT 1928 Dpa inelastic (mt51-91) 19-K -40
 Cross Section -100.0 To 297.4 %



MAT 1928 Dpa disappearance (mt102 -120) 19-K -40
 Cross Section -92.82 To 3289. %

