

Program Complot
(Version 2018-1)

by

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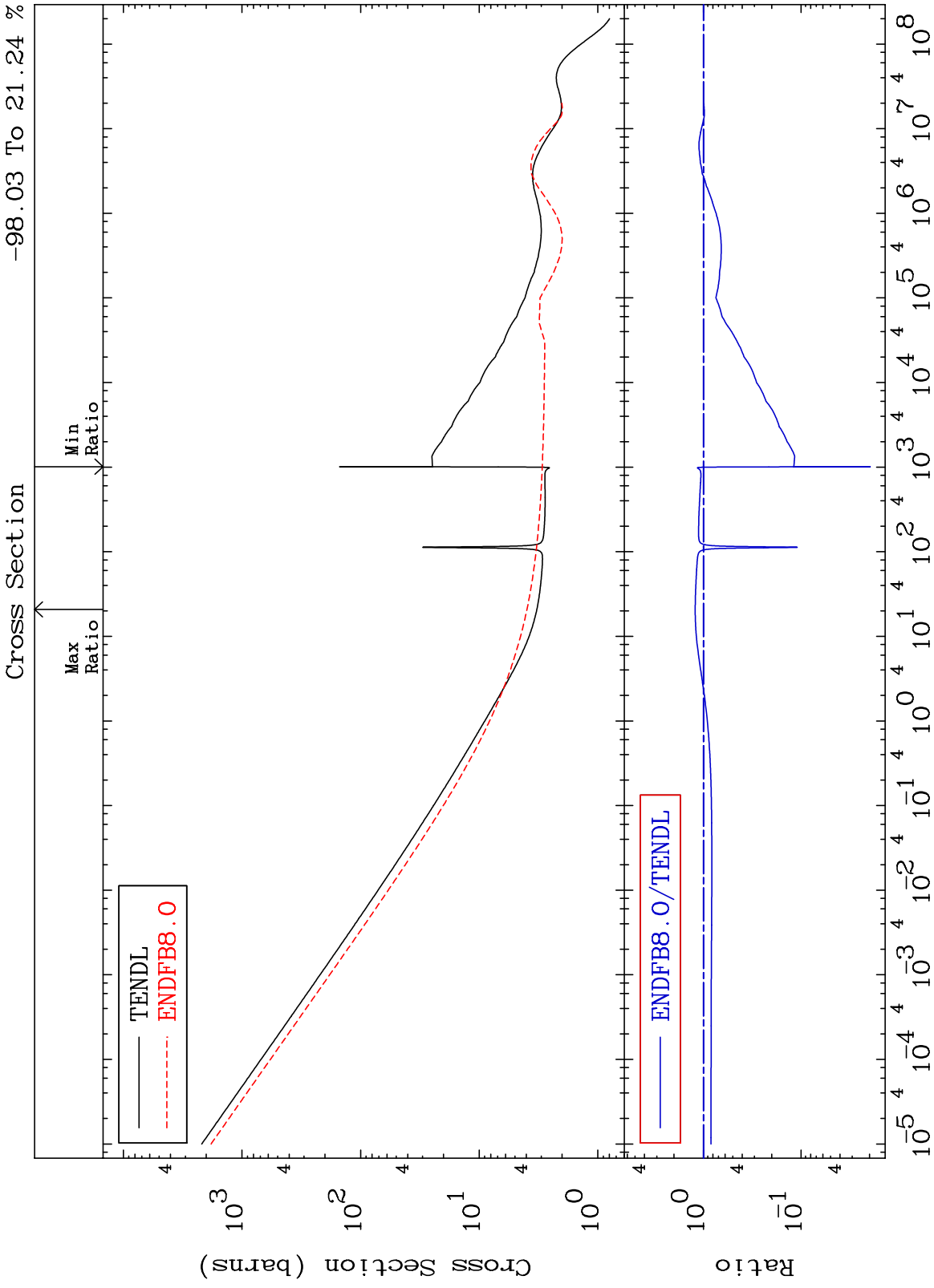
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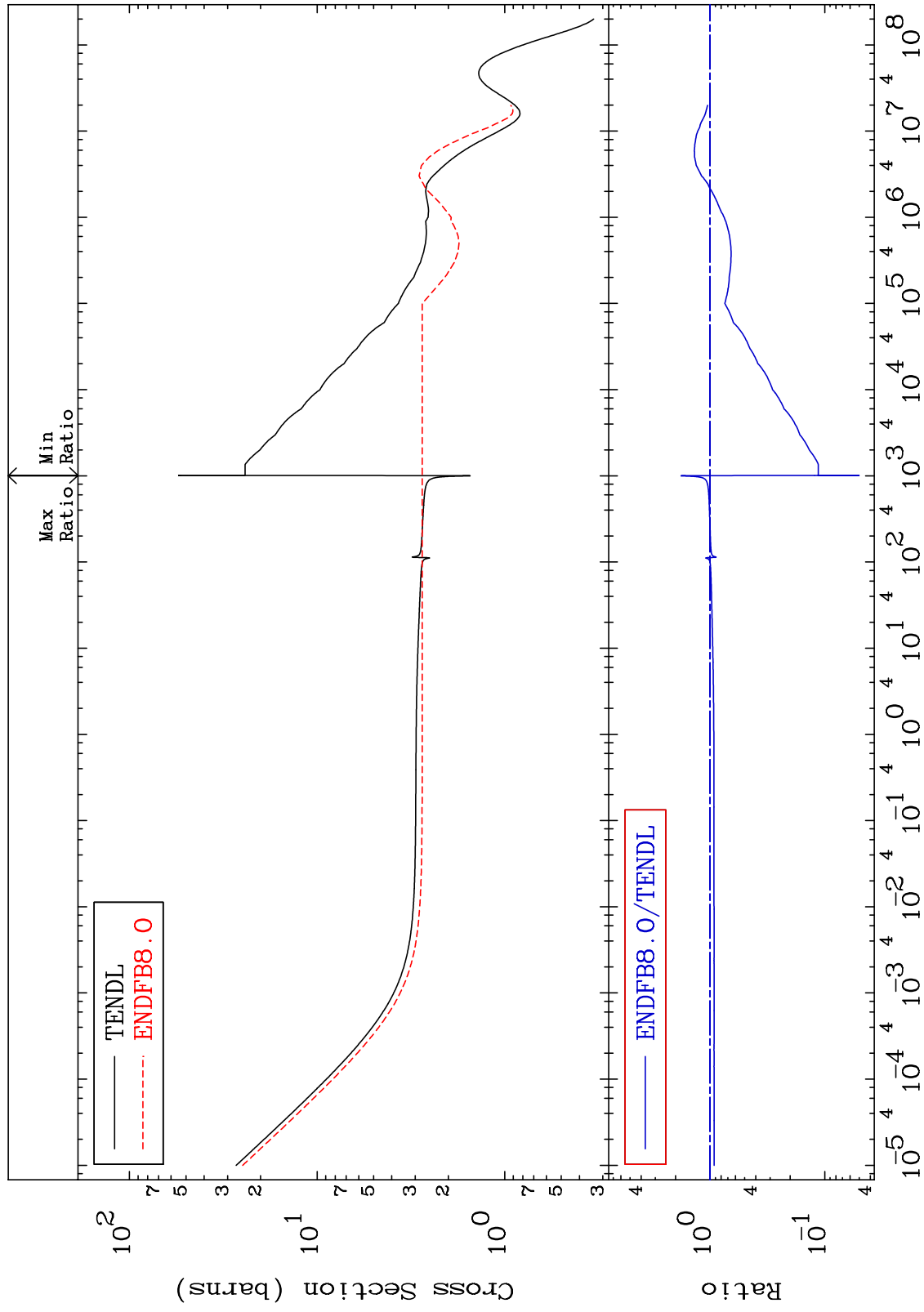
Press Mouse Button to Start

MAT 1928 19-K -40 -98.03 To 21.24 %



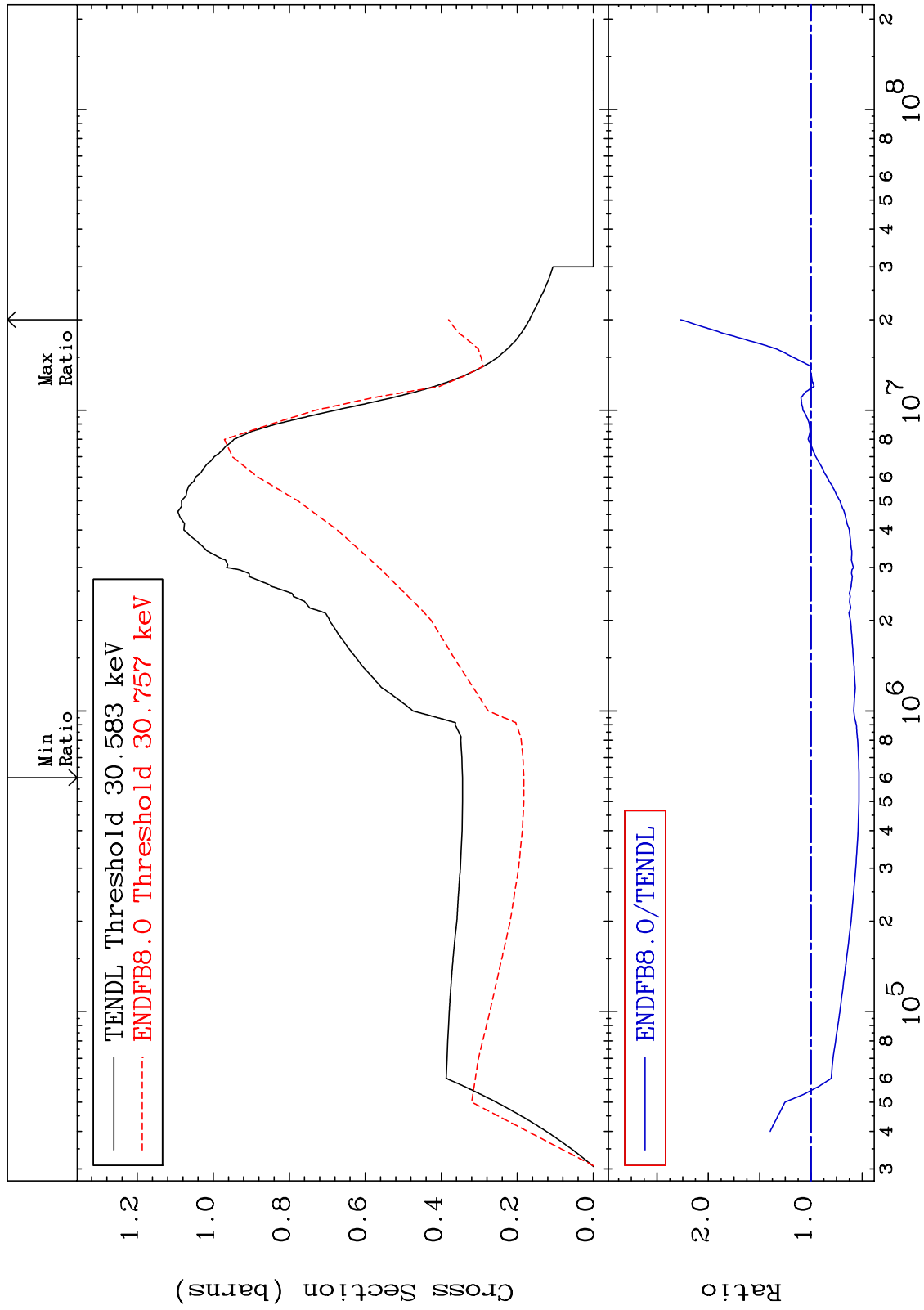
19-K -40

MAT 1928 Elastic Cross Section 19-K -40 -94.98 To 79.85 %



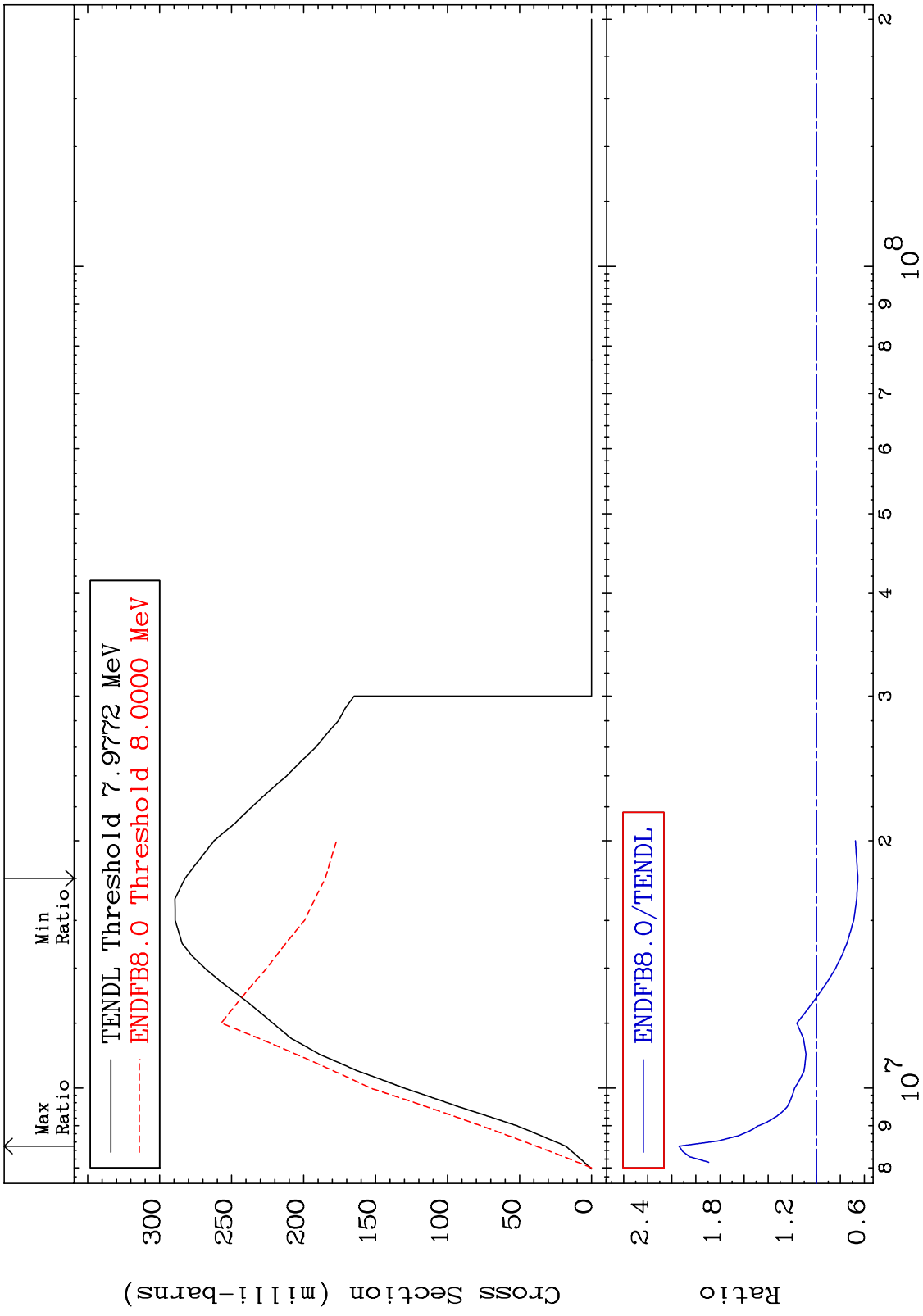
2 19-K -40

MAT 1928 Inelastic Cross Section 19-K -40 -46.87 To 127.0 %



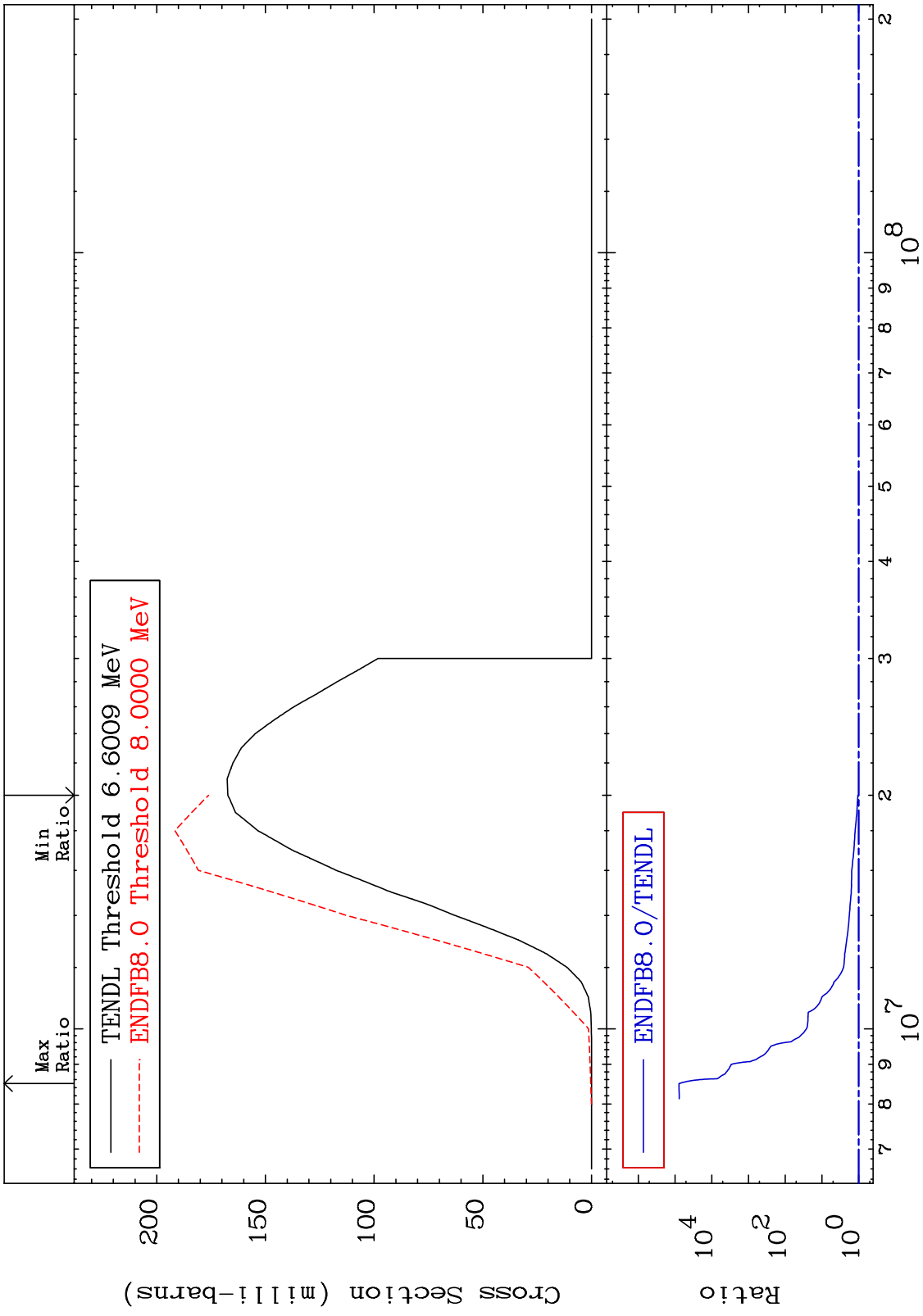
3 Incident Energy (eV) 19-K -40

MAT 1928 (n,2n) Cross Section 19-K -40 -34.51 To 114.0 %

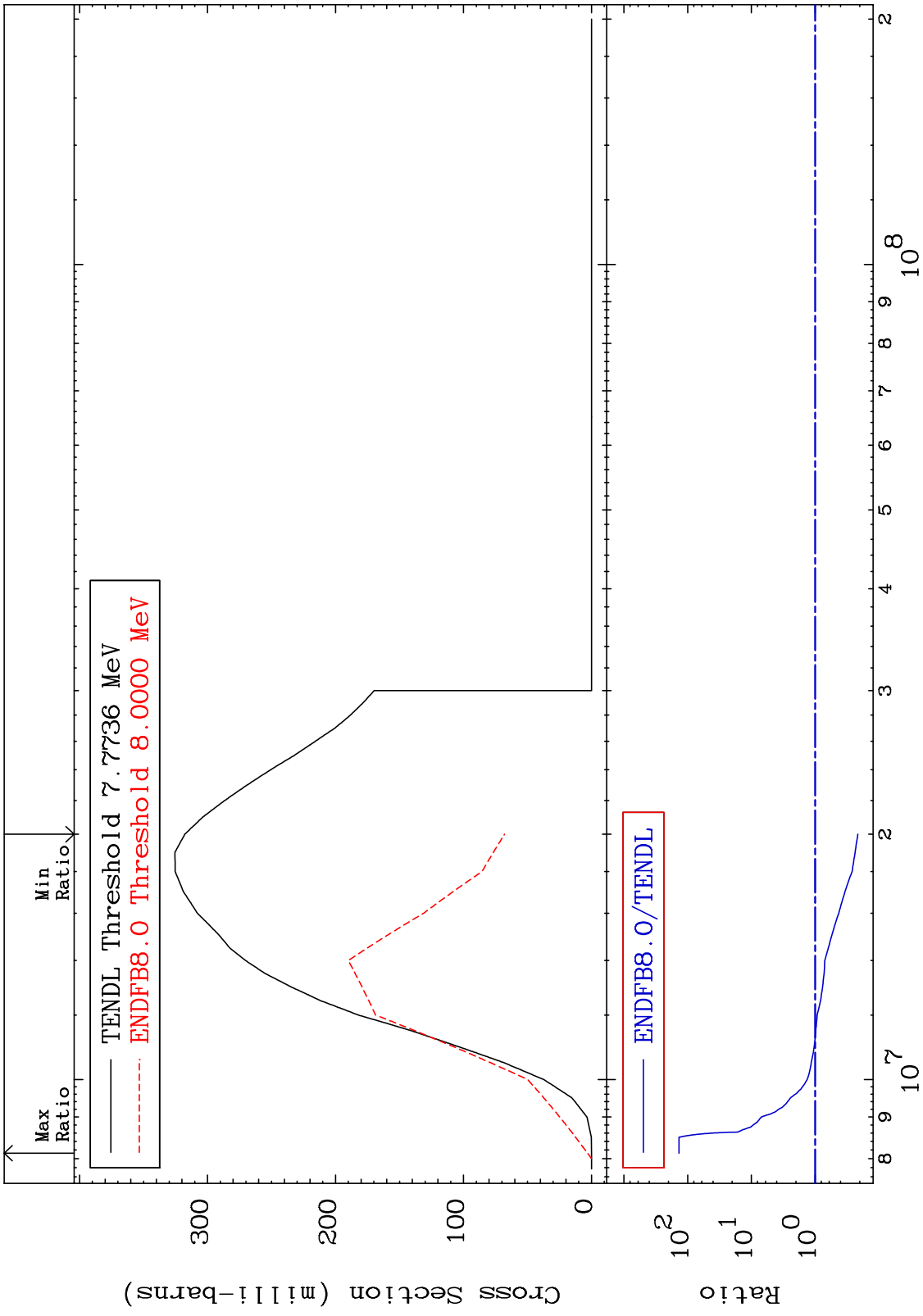


4 19-K -40

MAT 1928 (n,n') α 19-K -40
 Cross Section 5.291 To 9999. %

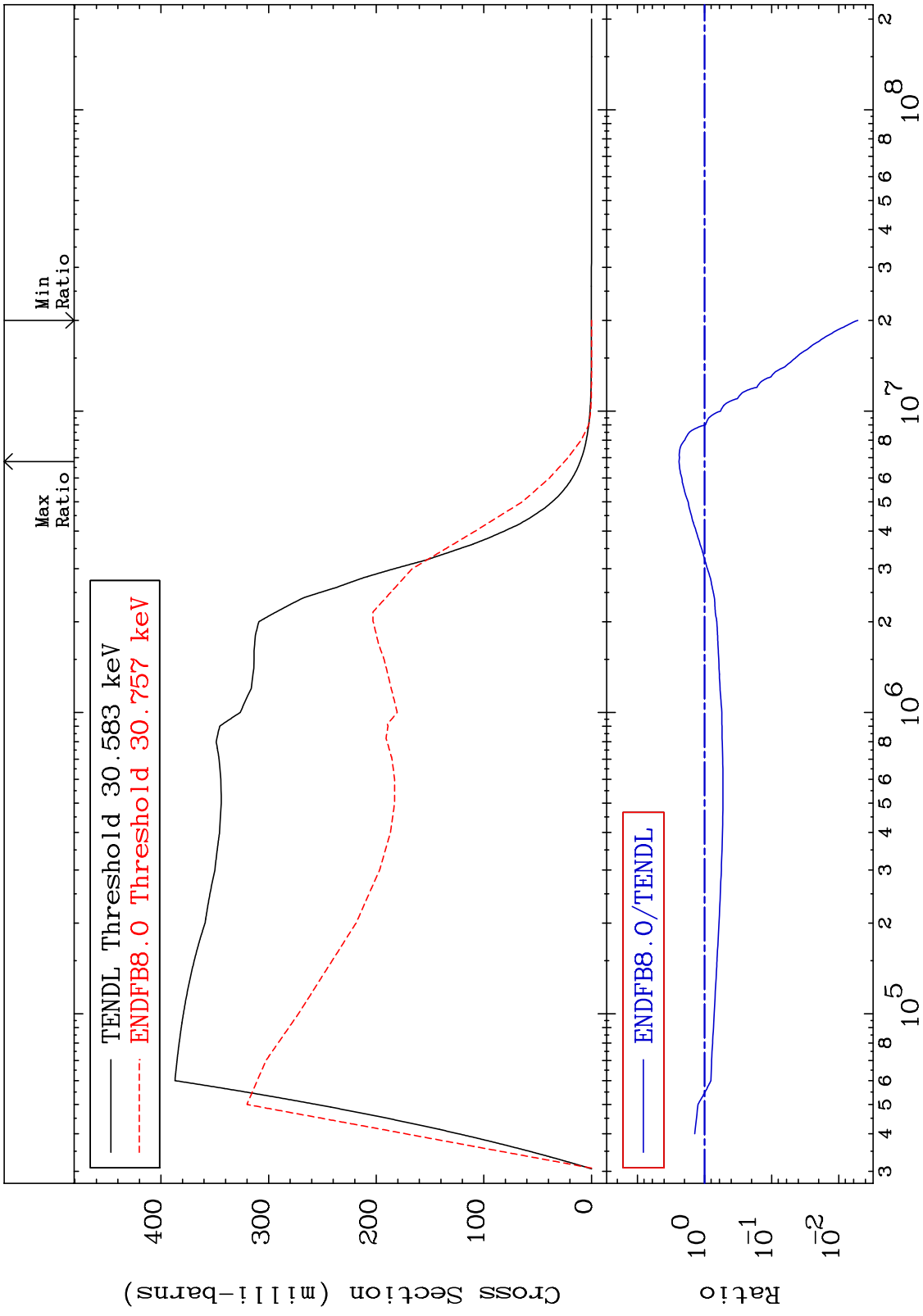


MAT 1928 (n,n') p 19-K -40
 Cross Section -78.63 To 9999. %



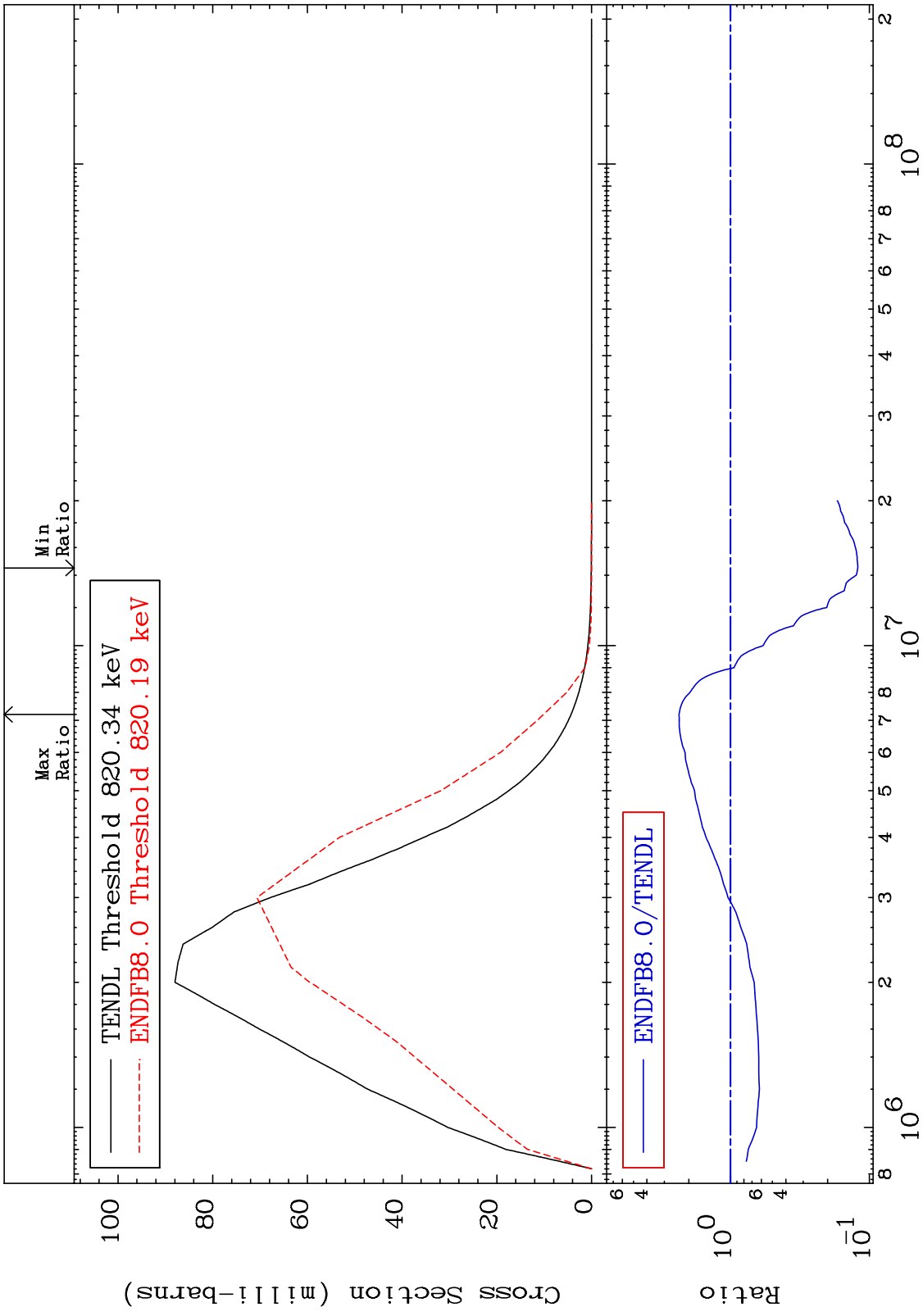
6 19-K -40

MAT 1928 MT= 51 (n,n') Level Cross Section 19-K -40
 -99.48 To 139.9 %



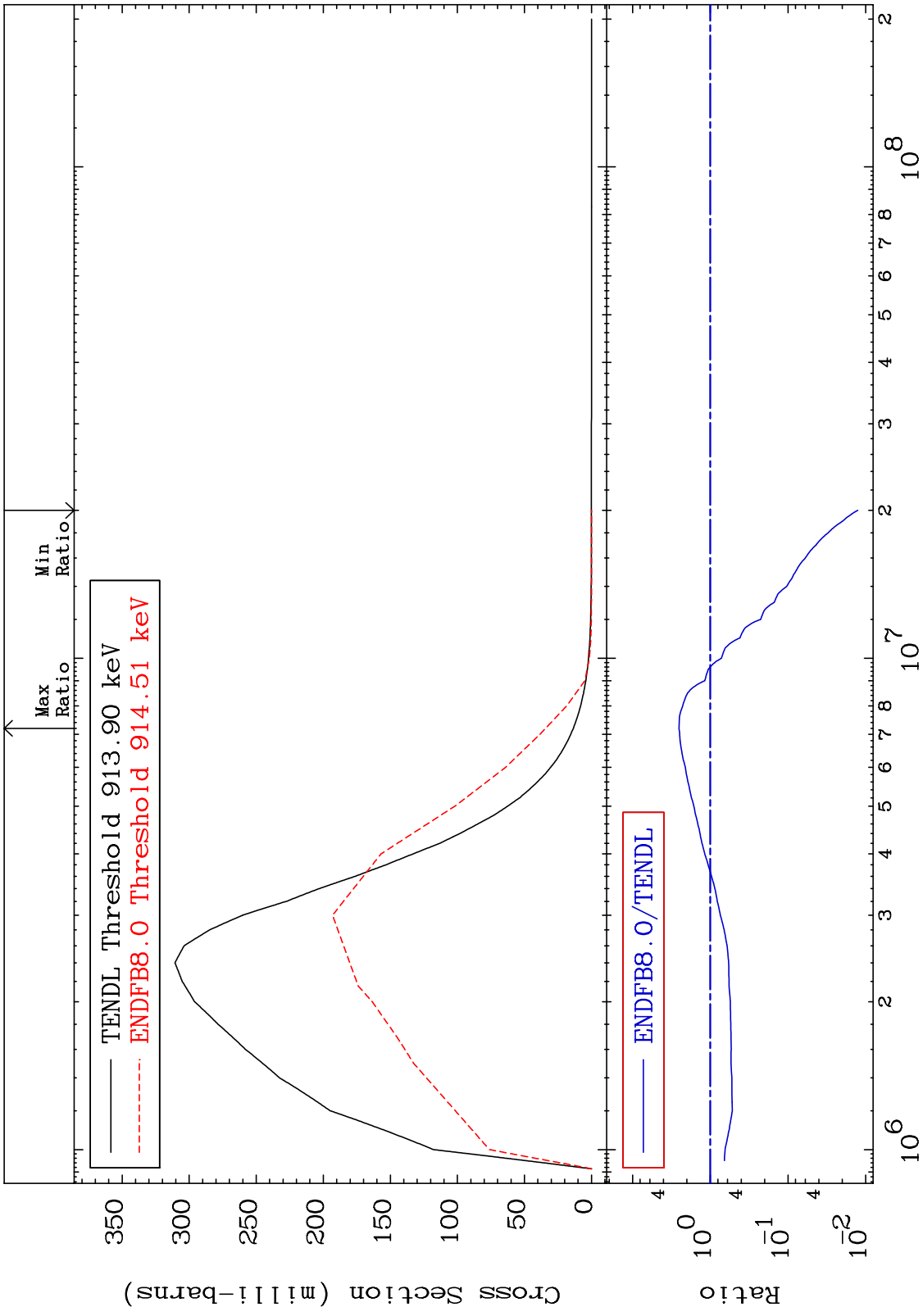
7 Incident Energy (eV) 19-K -40

MAT 1928 MT= 52 (n,n') Level Cross Section 19-K -40
 -87.88 To 134.8 %



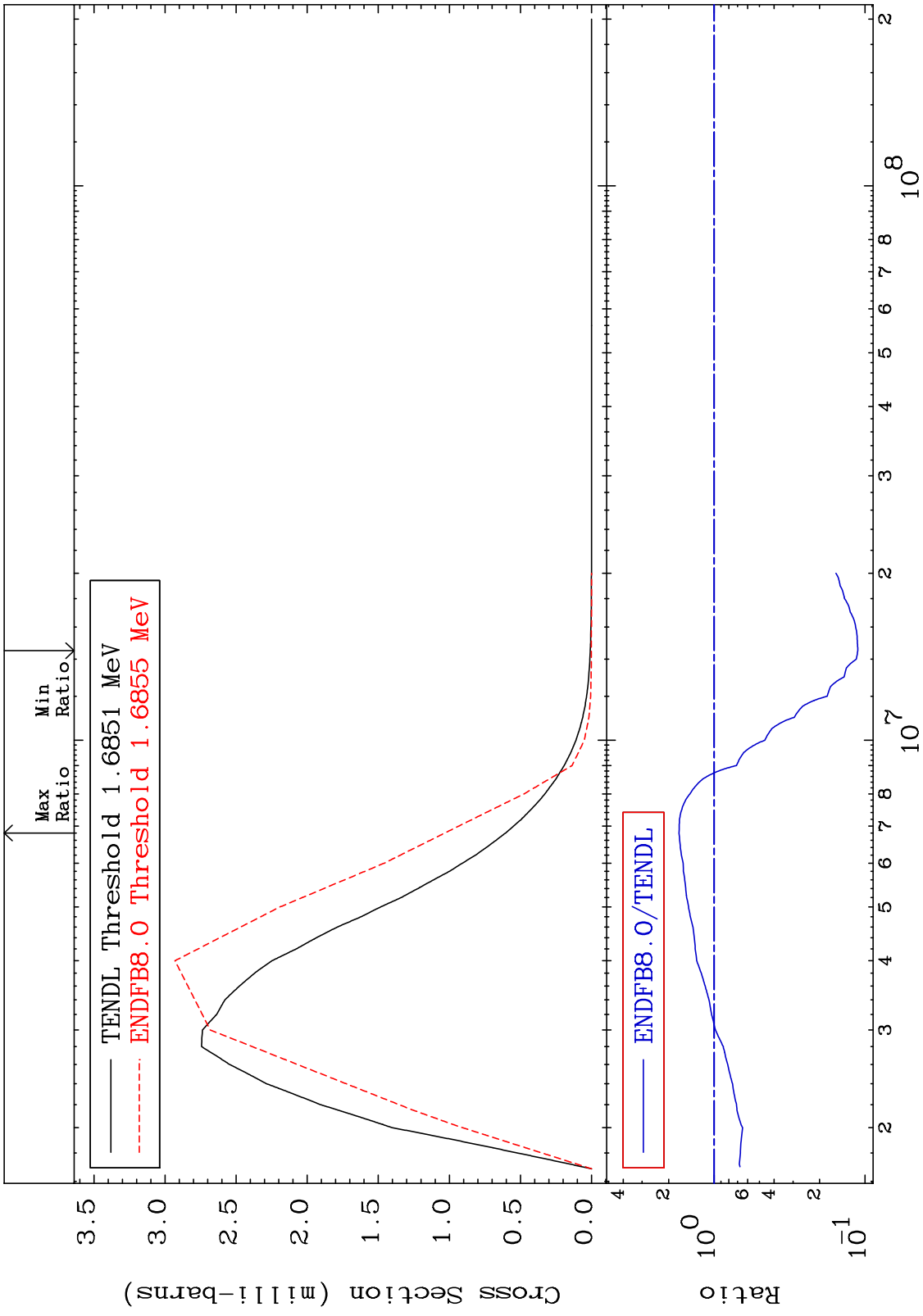
8 10⁶ 10⁷ 10⁸ Incident Energy (eV) 19-K -40

MAT 1928 MT= 53 (n,n') Level Cross Section 19-K -40
 -98.74 To 152.5 %



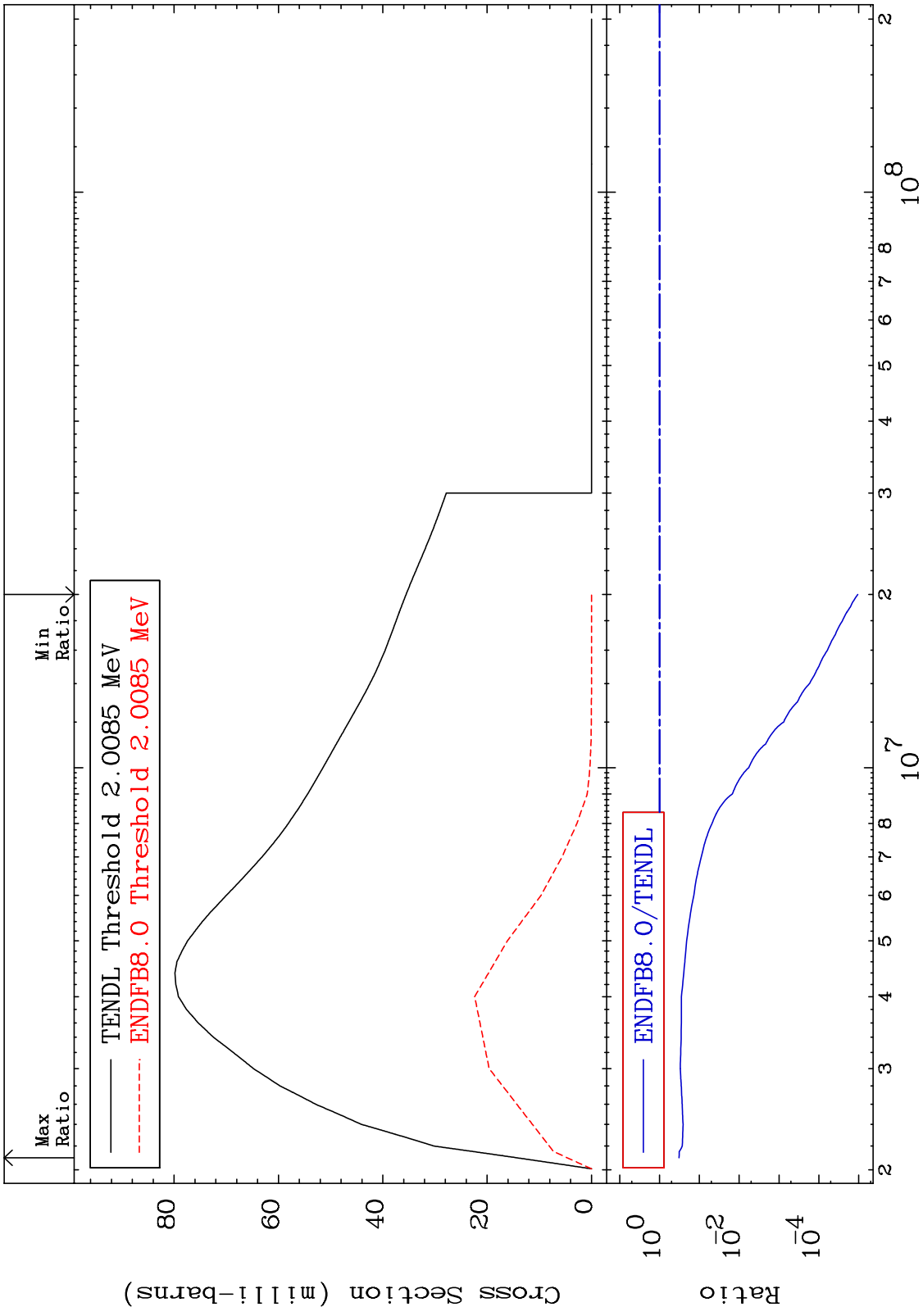
9 Incident Energy (eV) 19-K -40

MAT 1928 MT= 54 (n,n') Level Cross Section -88.84 To 70.64 % 19-K -40

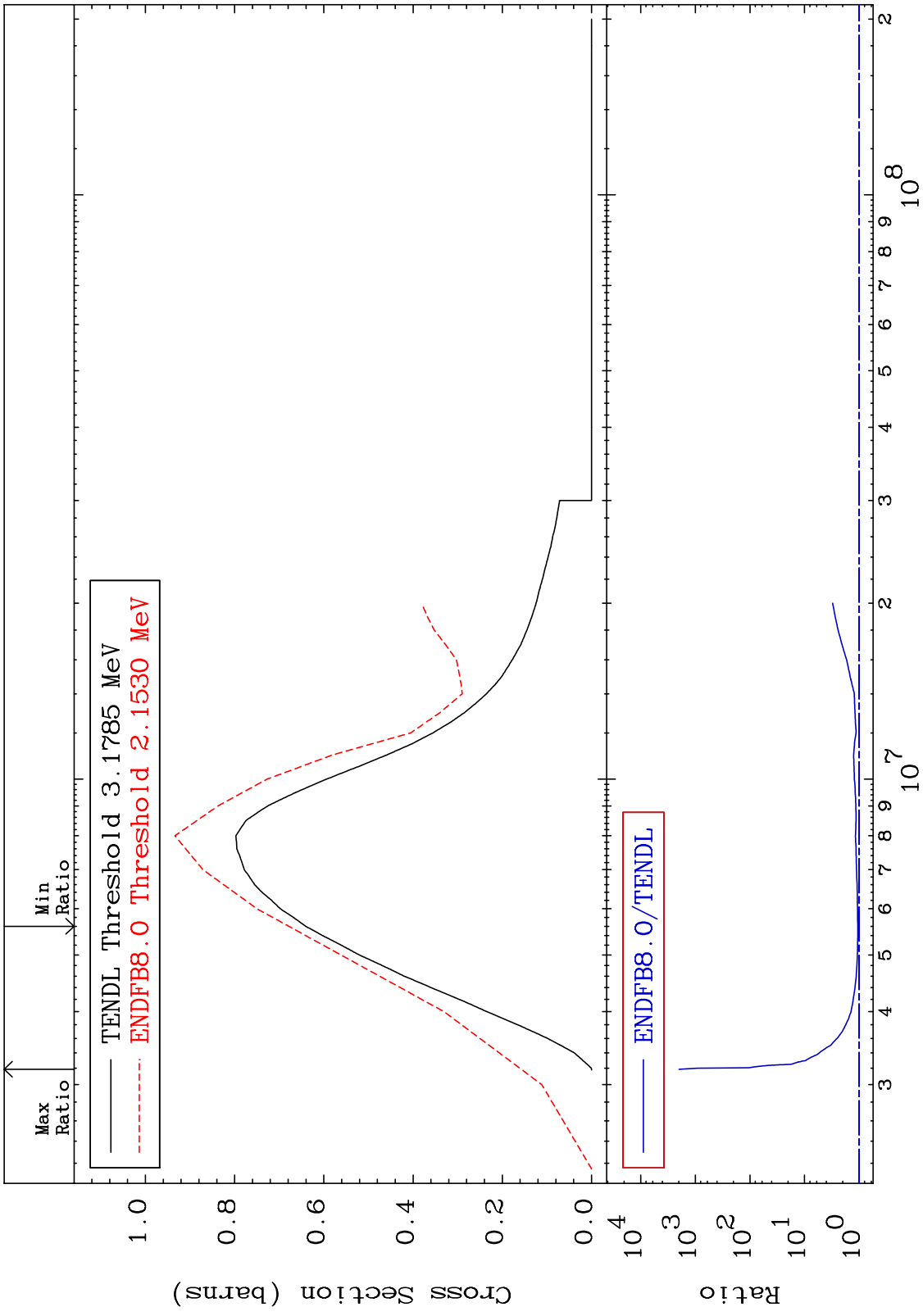


10 Incident Energy (eV) 19-K -40

MAT 1928 MT= 55 (n,n') Level Cross Section -100.0 To -67.55% 19-K -40

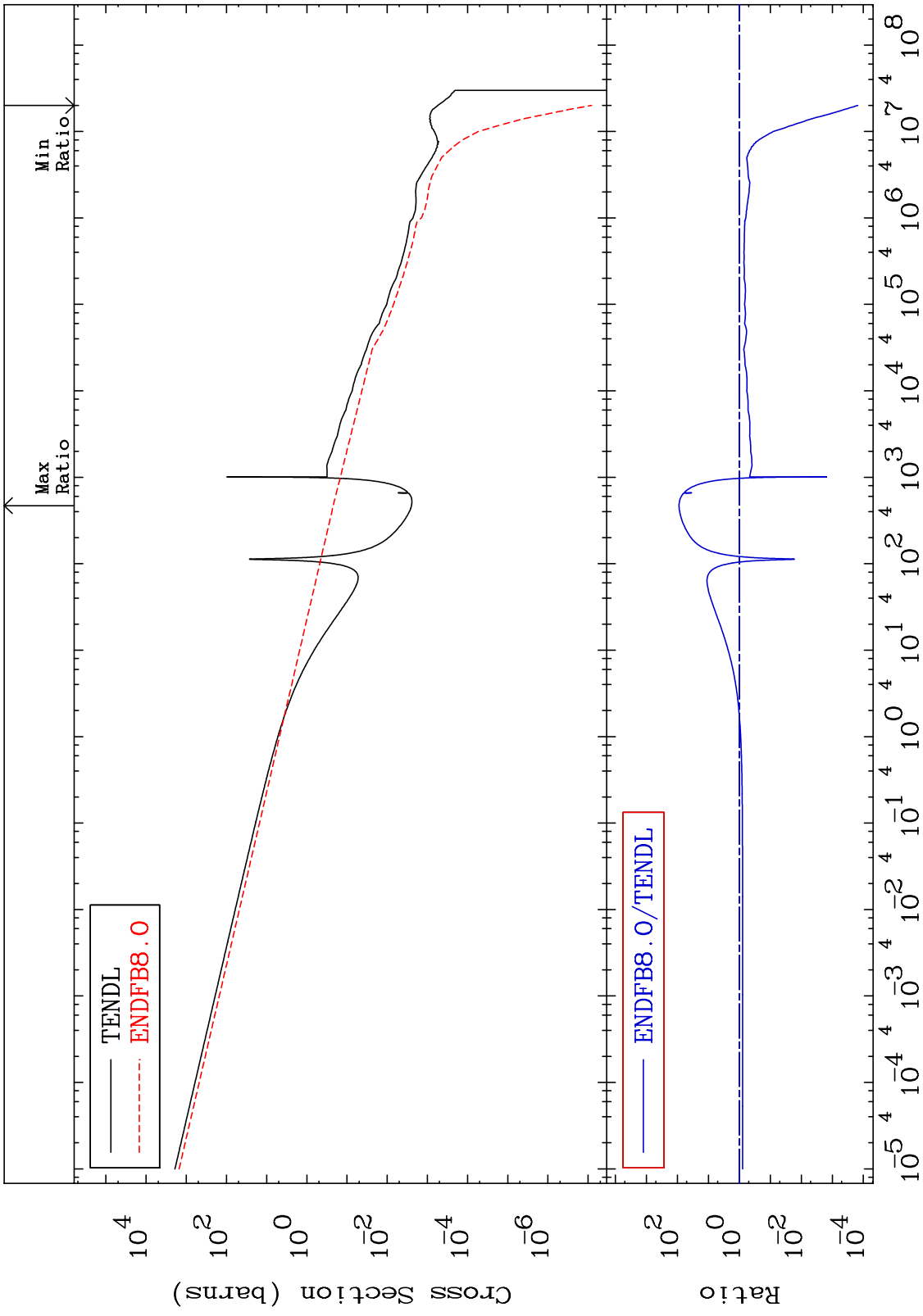


MAT 1928 (n,n') Continuum Cross Section 19-K -40 5.908 To 9999. %



MAT 1928 19-K -40 -99.98 To 8751. %

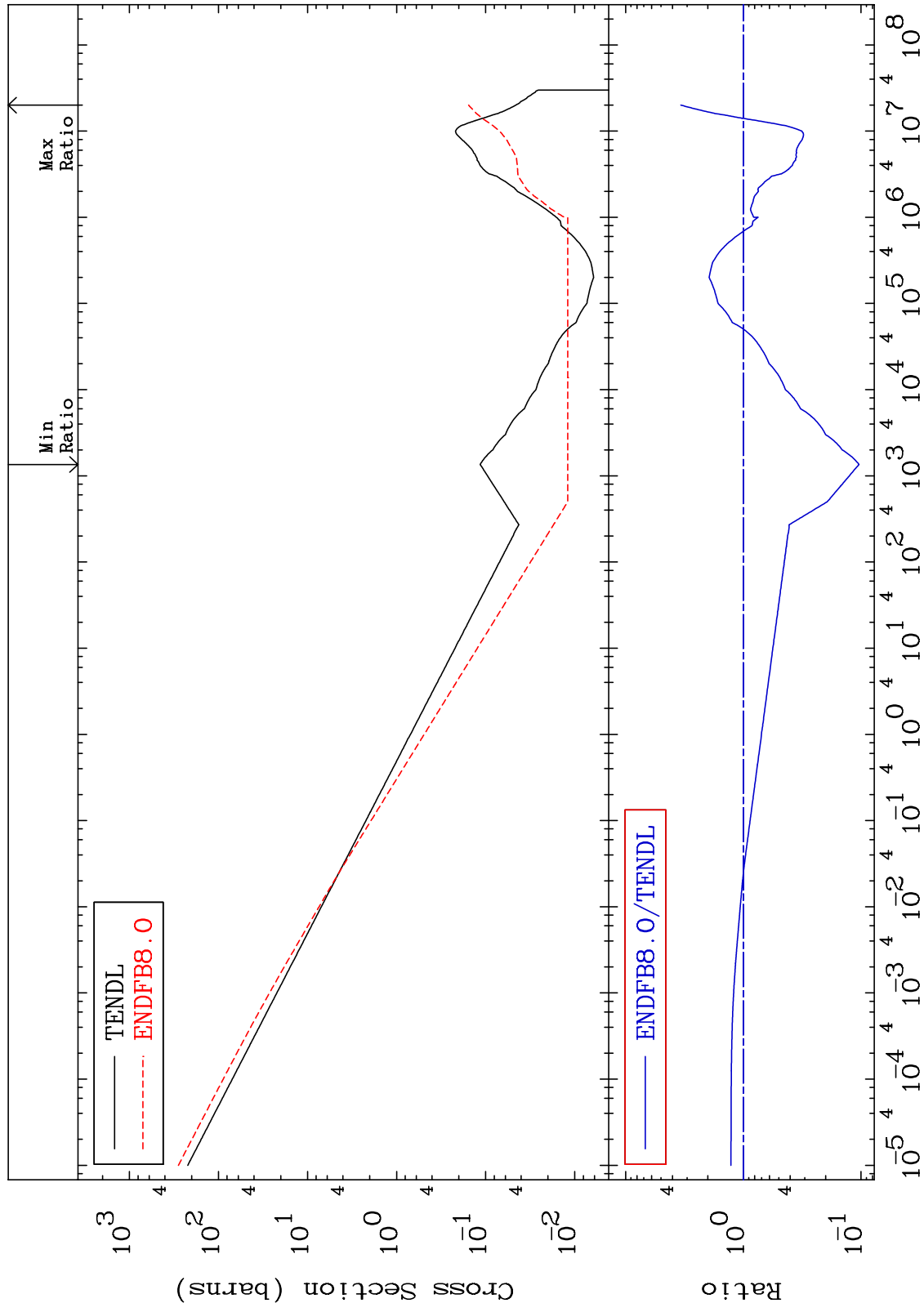
(n, γ)
Cross Section



19-K -40

Incident Energy (eV)

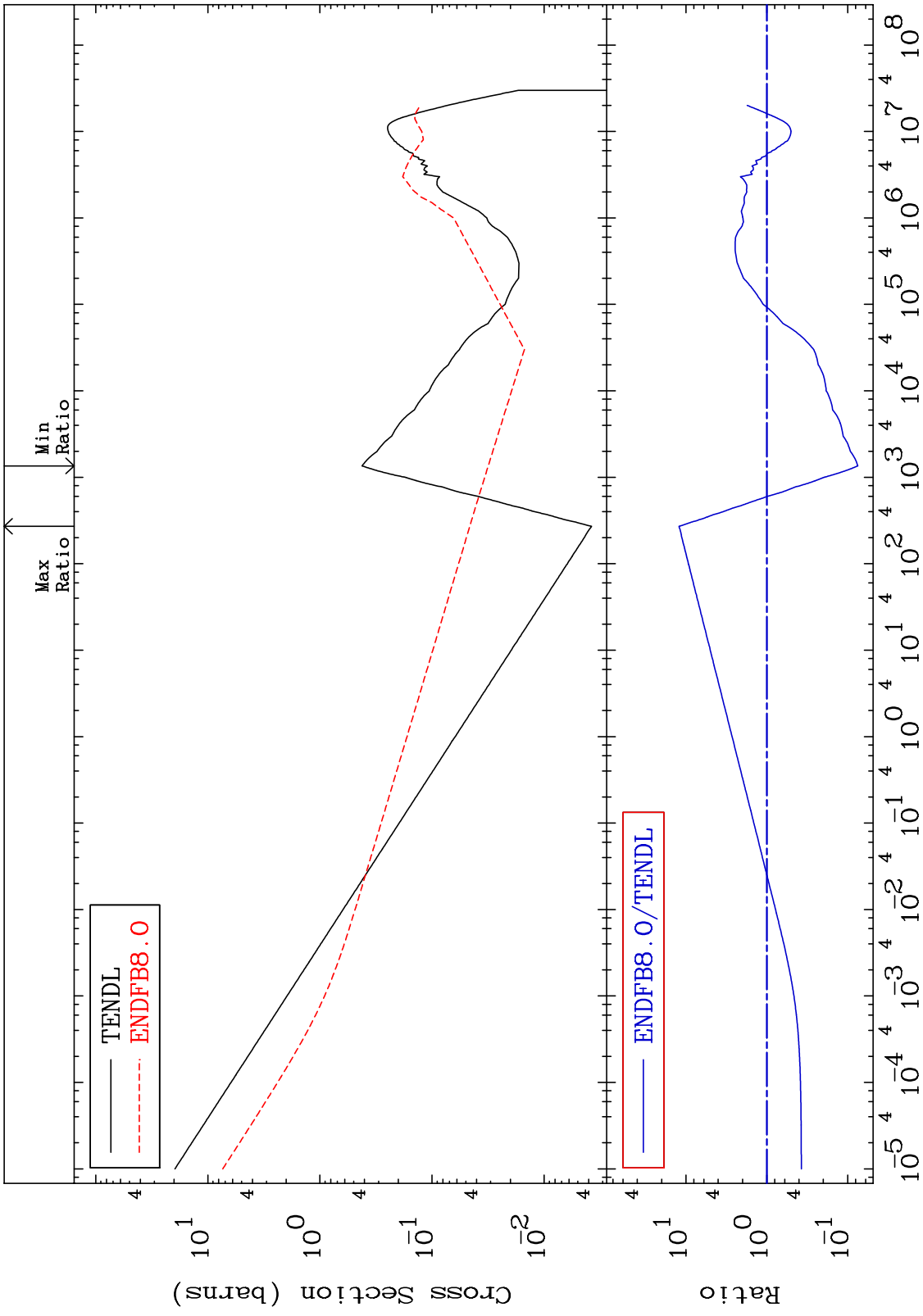
MAT 1928 (n,p) Cross Section 19-K -40 -89.61 To 239.1 %



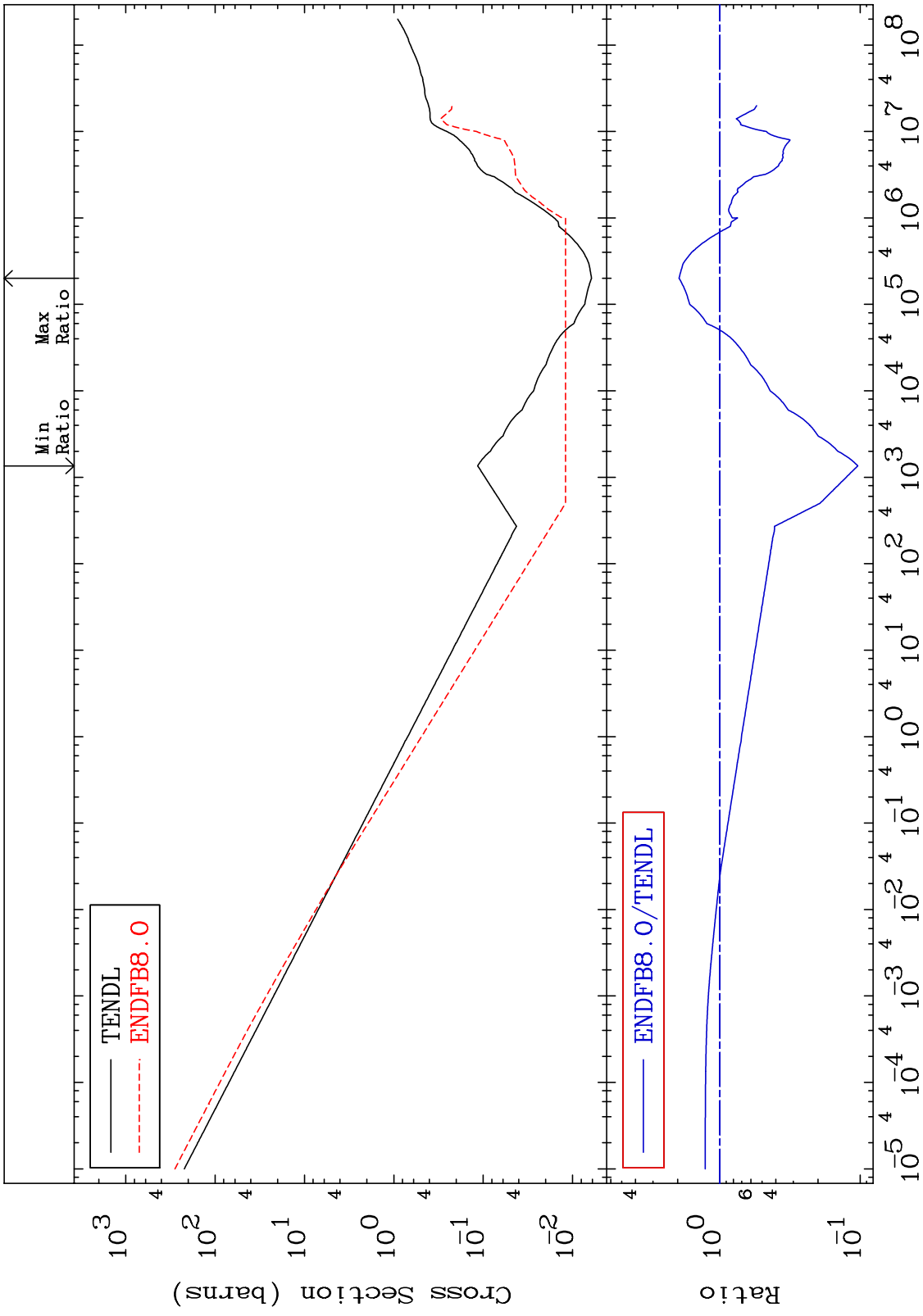
19-K -40

Incident Energy (eV)

MAT 1928 (n, α) 19-K -40 -92.51 To 1119. %

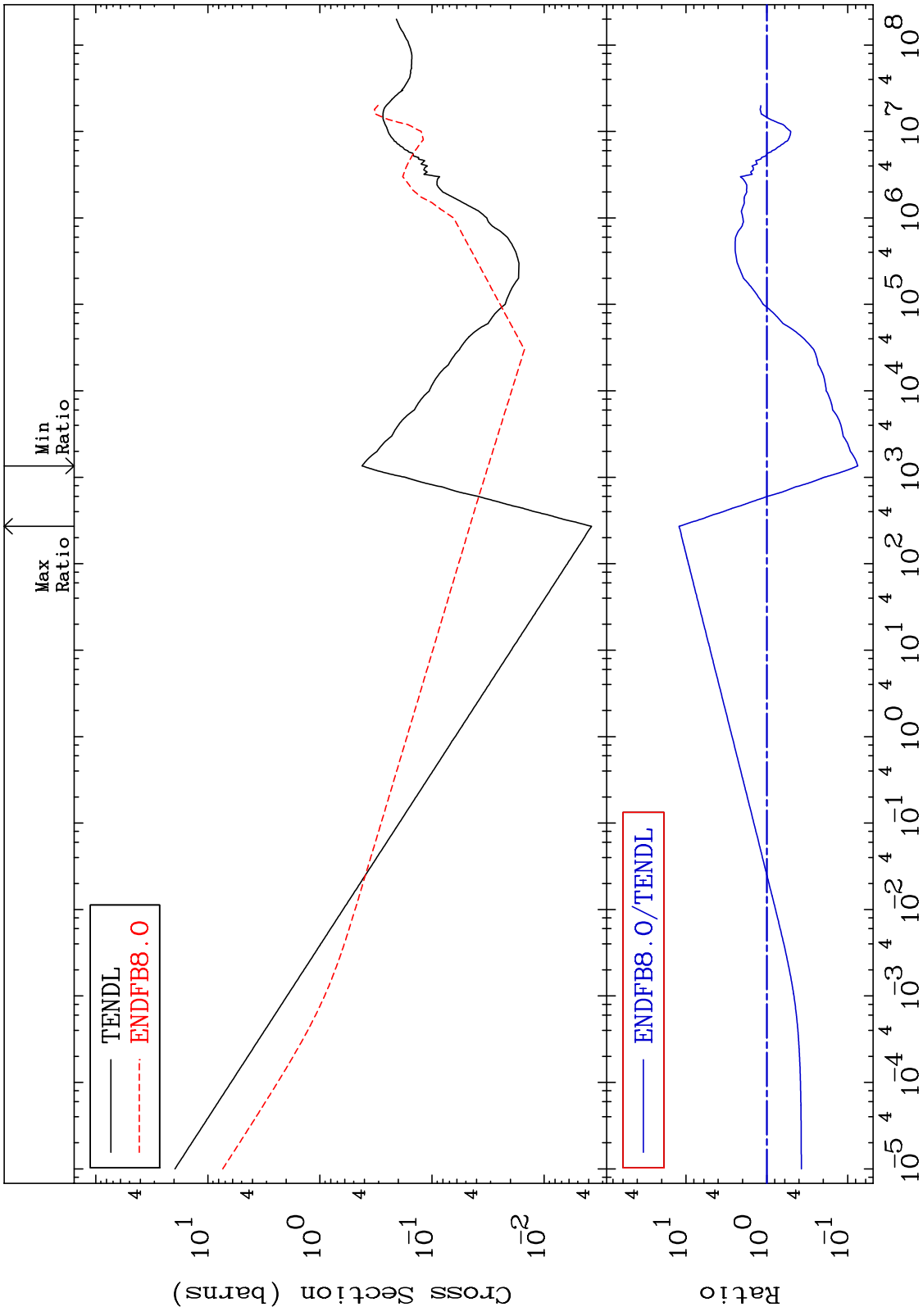


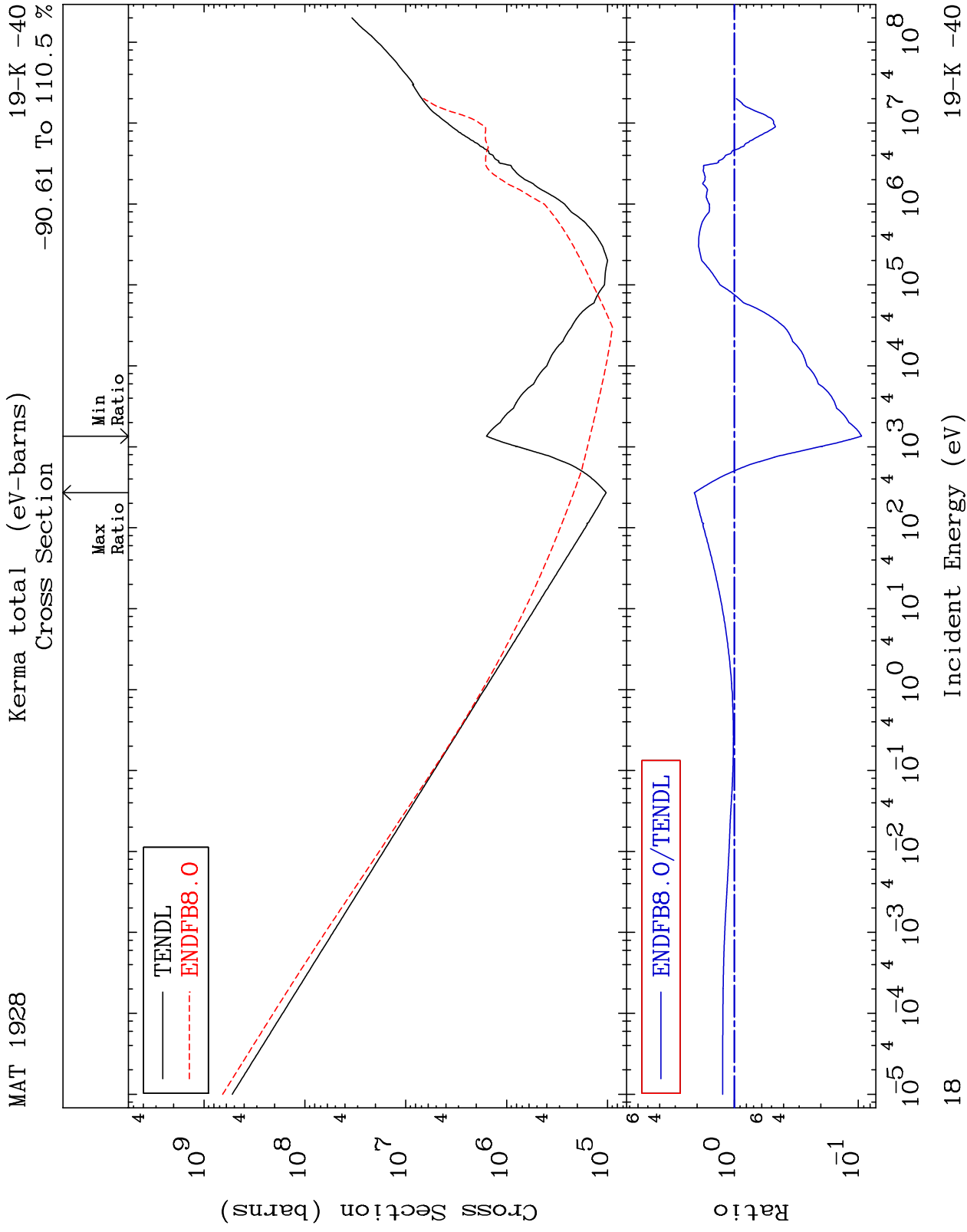
MAT 1928 Hydrogen Production Cross Section 19-K -40 -89.61 To 95.44 %



16 19-K -40

MAT 1928 He-4 Production Cross Section 19-K -40 -92.51 To 1119. %

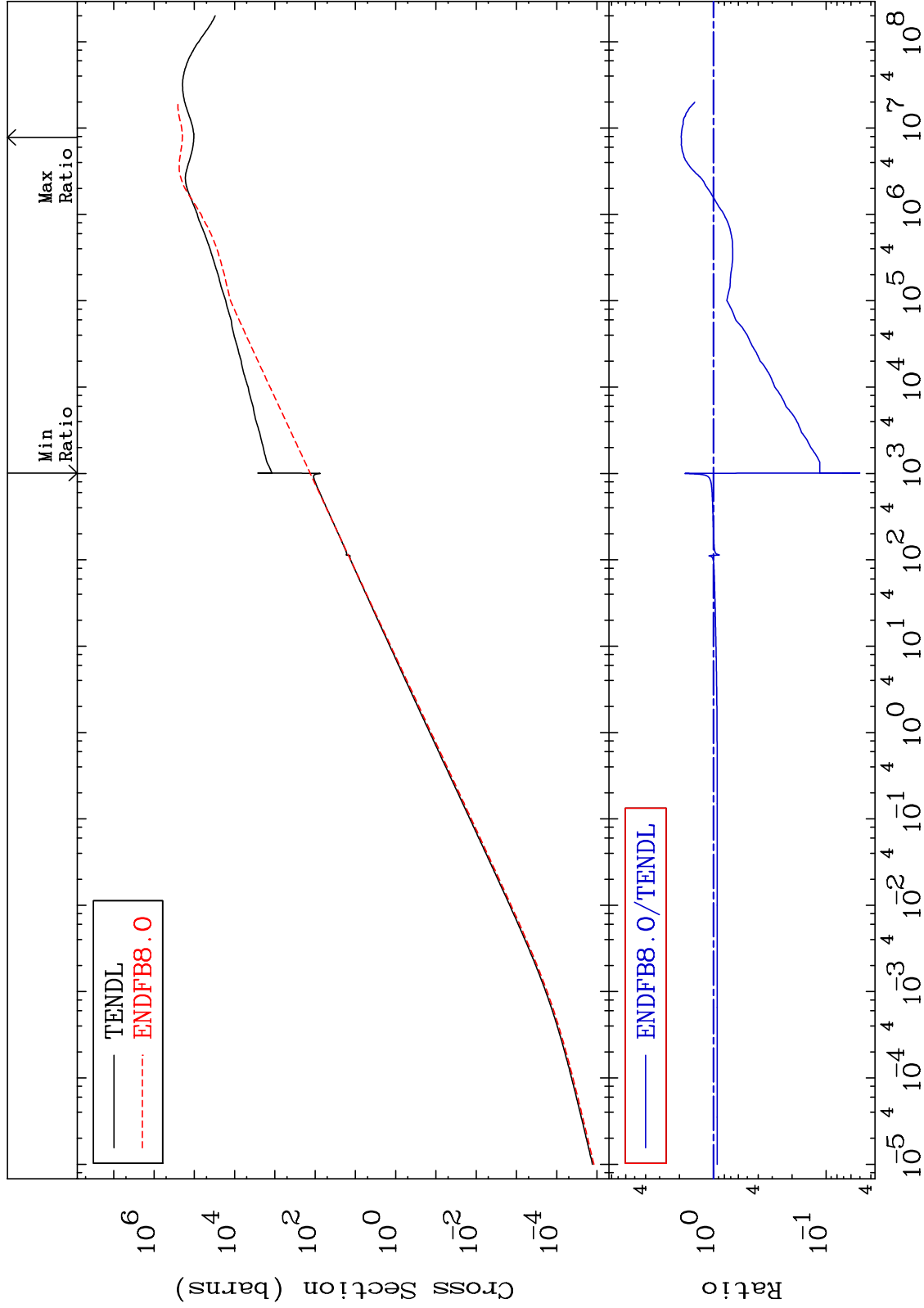




MAT 1928

Kerma elastic
Cross Section

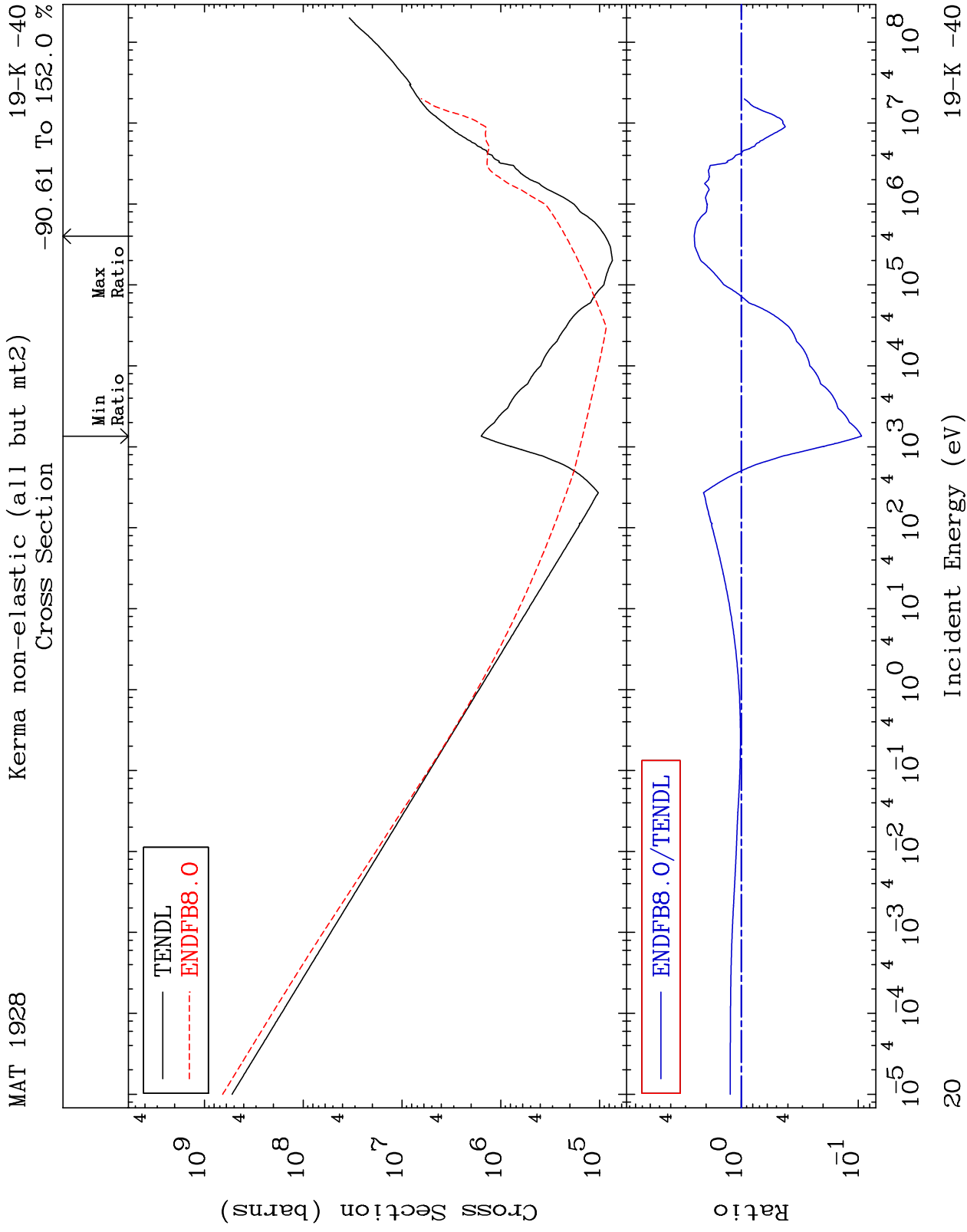
19-K -40
-94.98 To 92.83 %



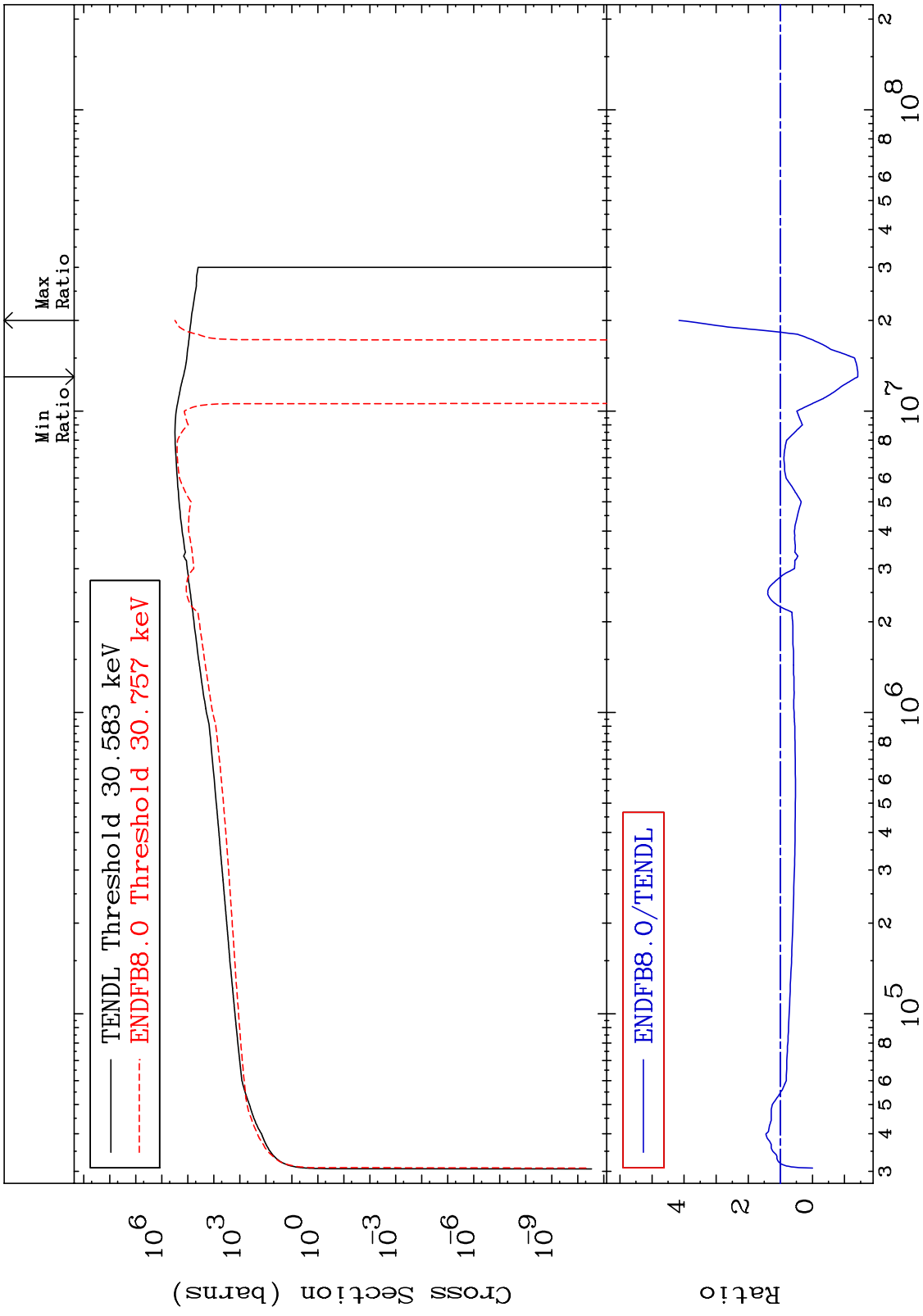
19

Incident Energy (eV)

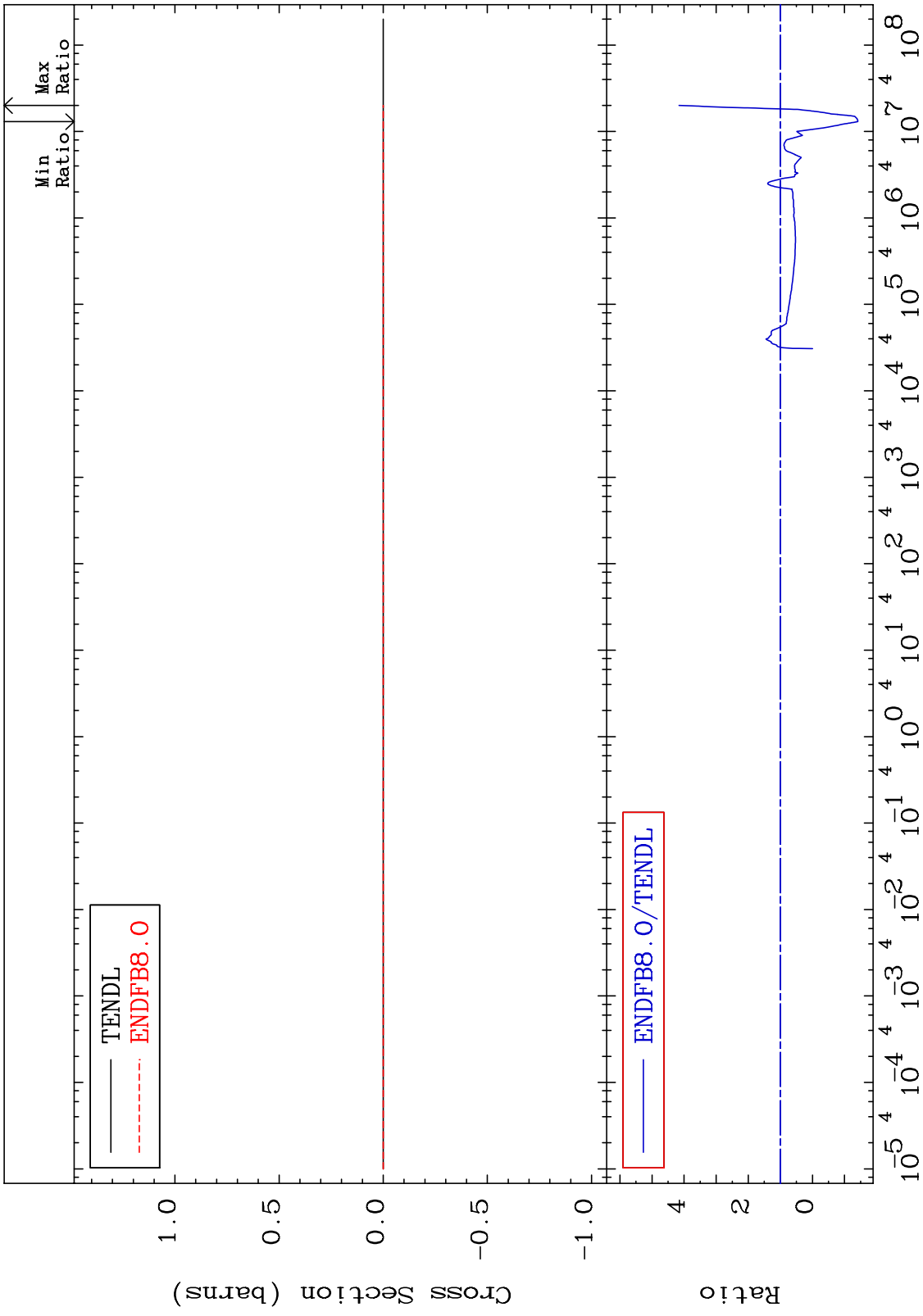
19-K -40



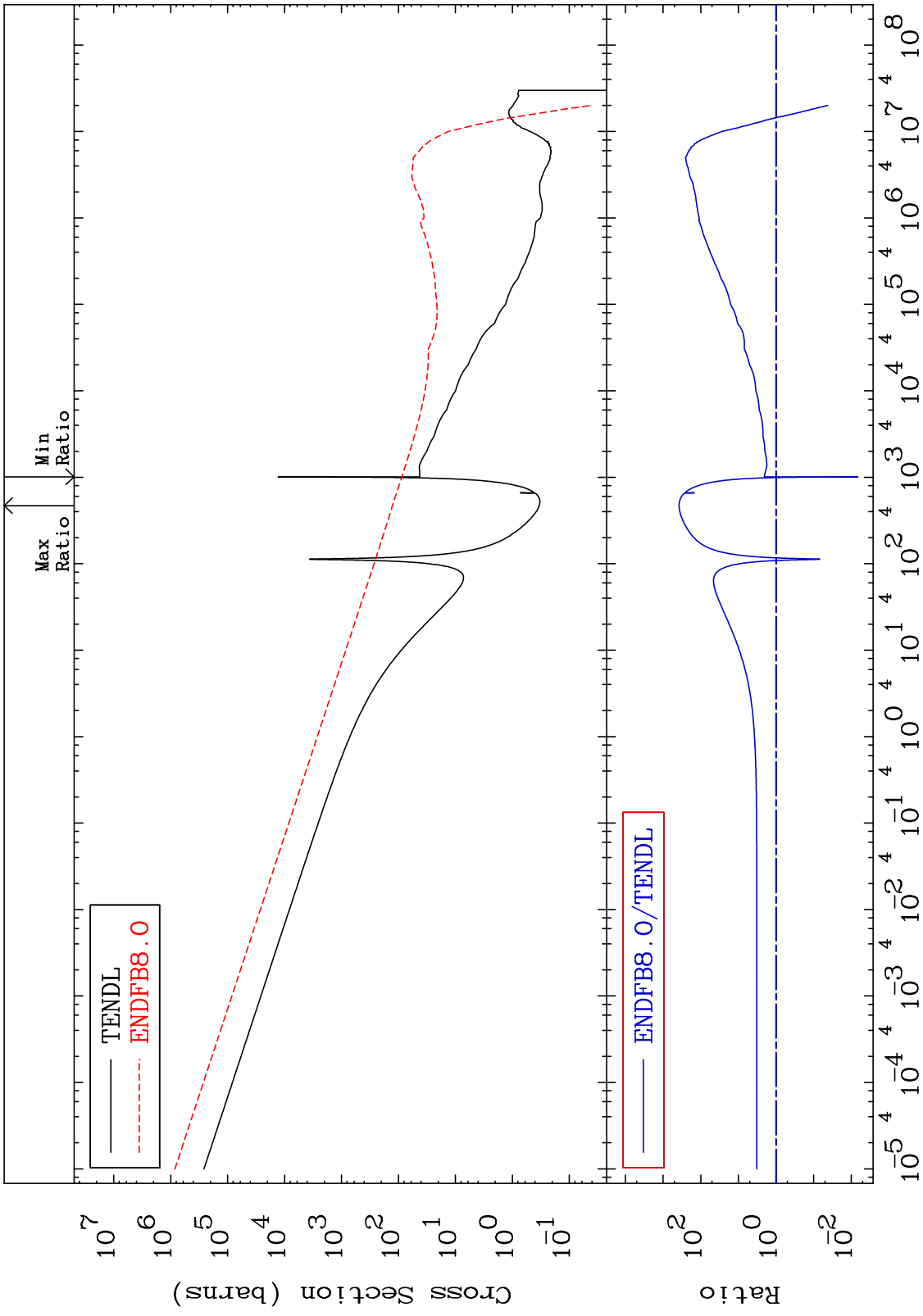
MAT 1928 Kerma inelastic (mt51-91) 19-K -40
 Cross Section -241.4 To 315.8 %



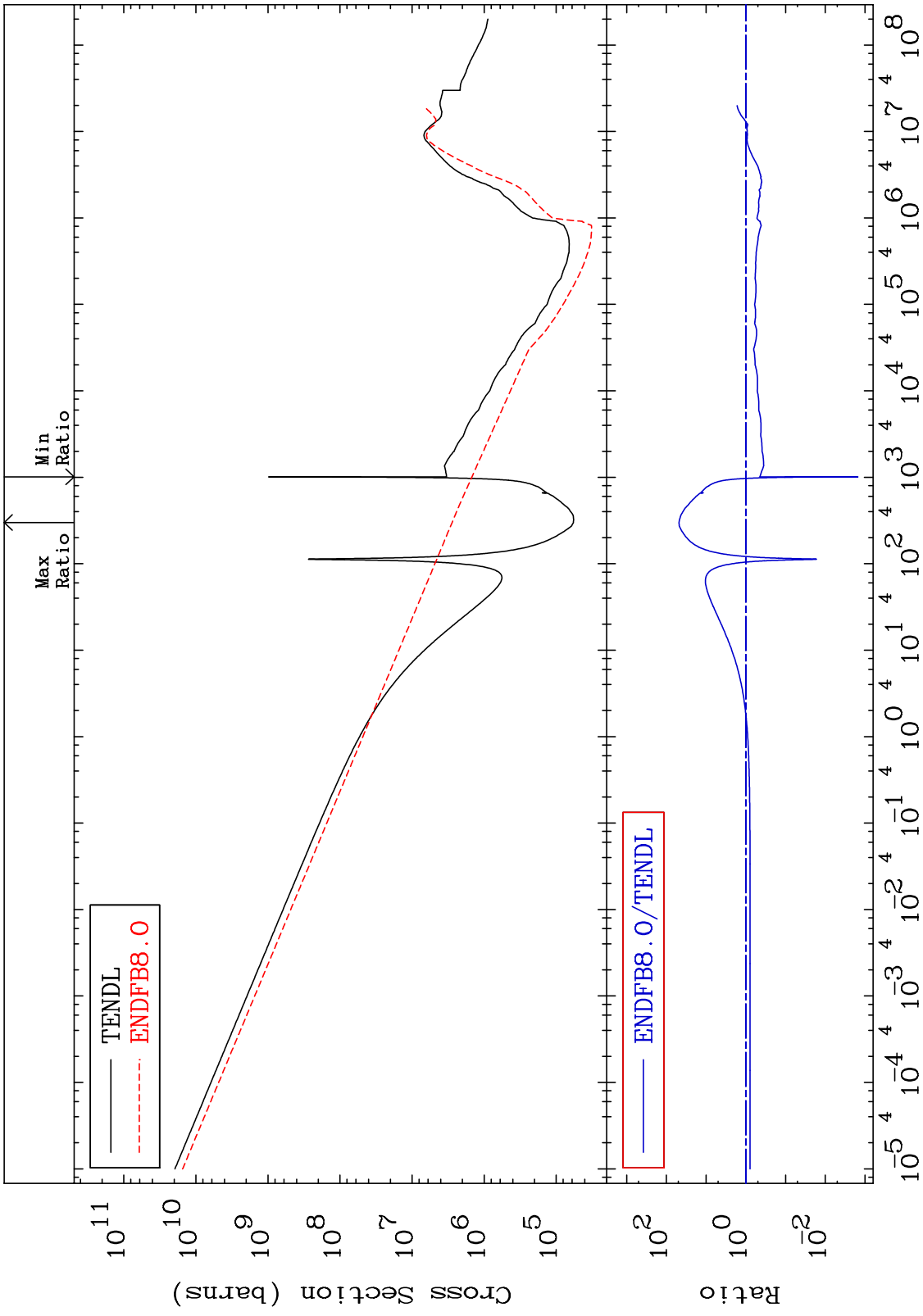
MAT 1928 Kerma fission (mt18 or mt19-20-21-38) 19-K -40
 Cross Section -241.4 To 315.8 %



MAT 1928 Kerma capture (mt102) 19-K -40
 -99.33 To 9999. %

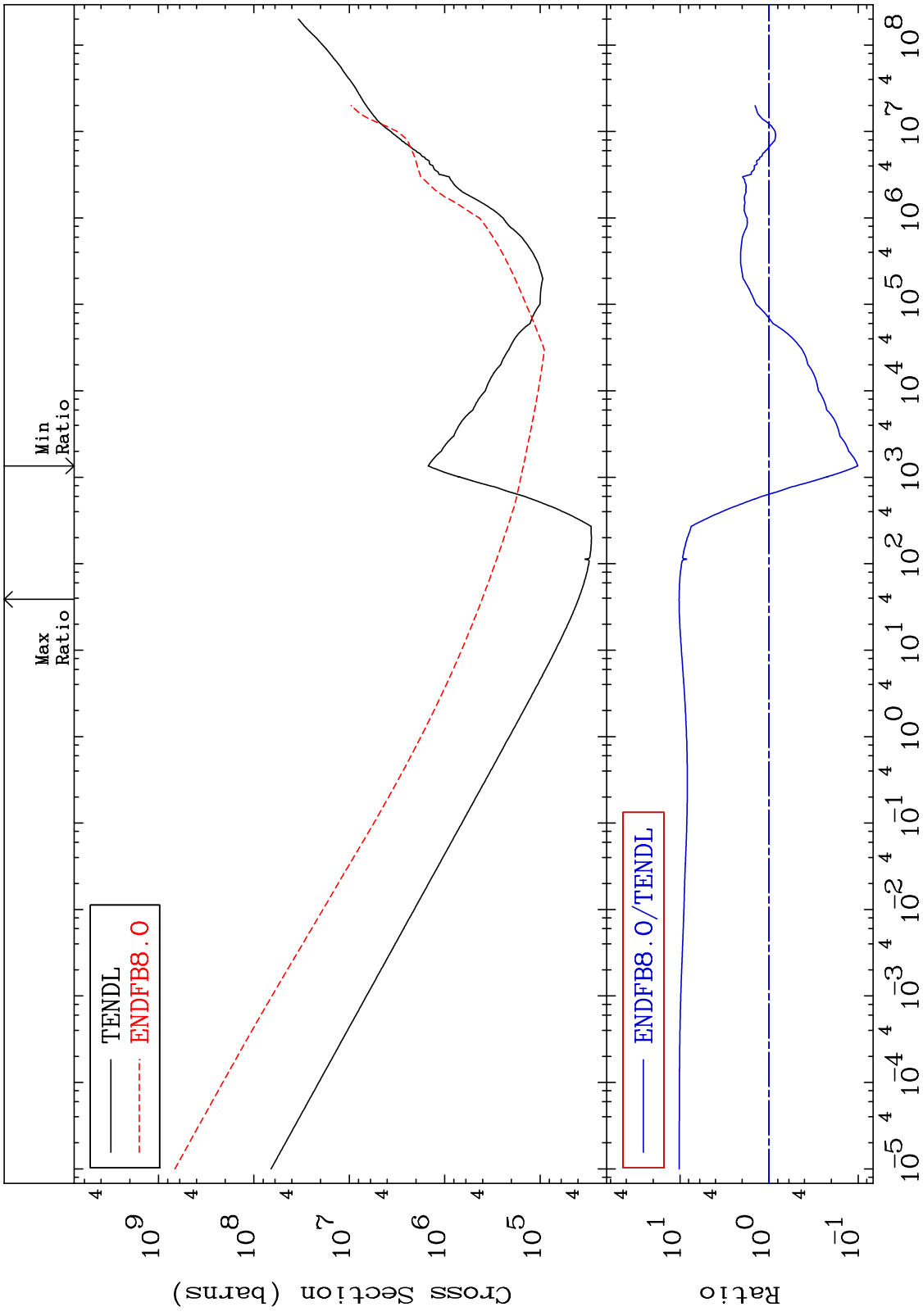


MAT 1928 19-K -40
 Total photon (eV-barns) Cross Section -99.85 To 4706. %

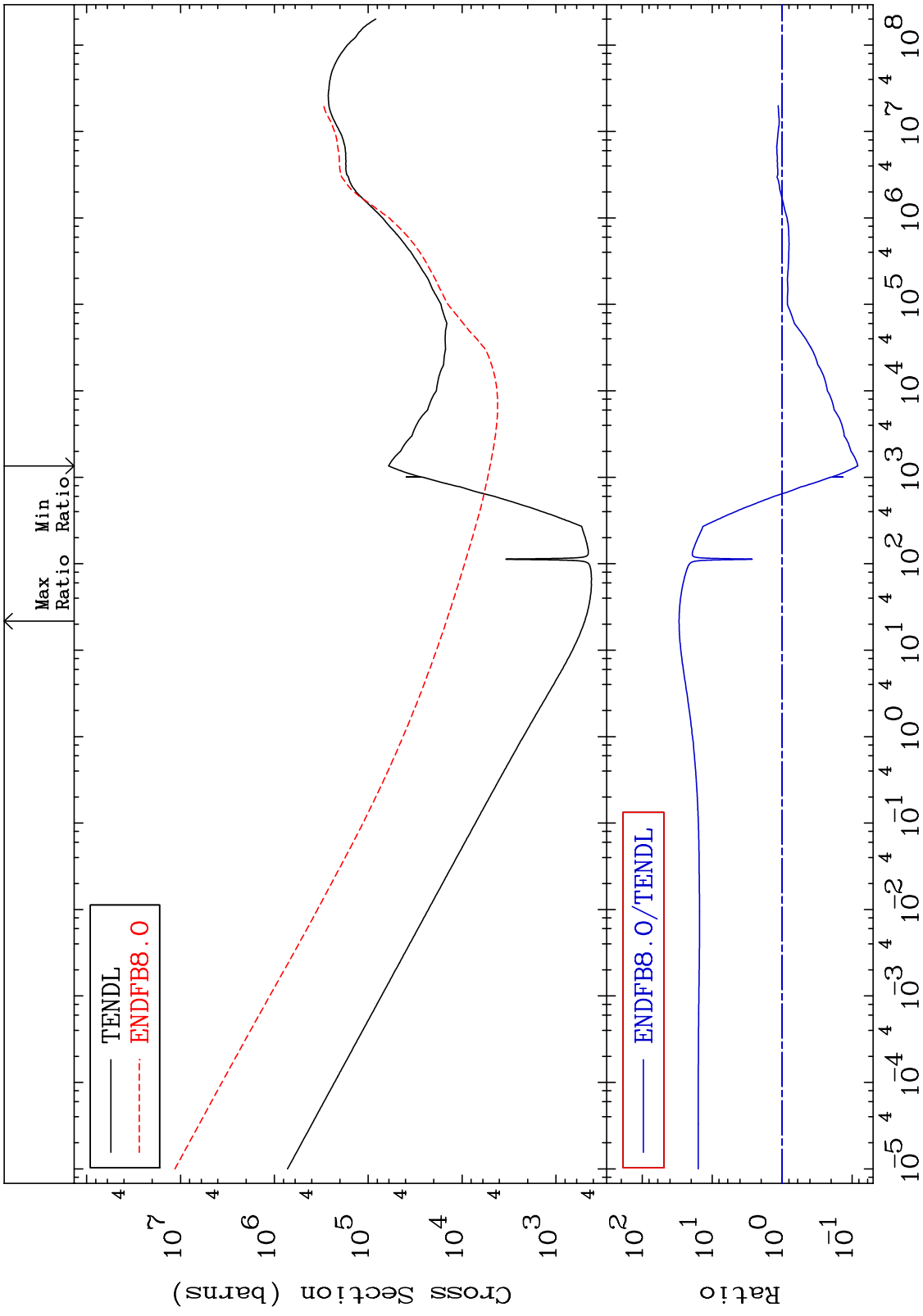


24 19-K -40

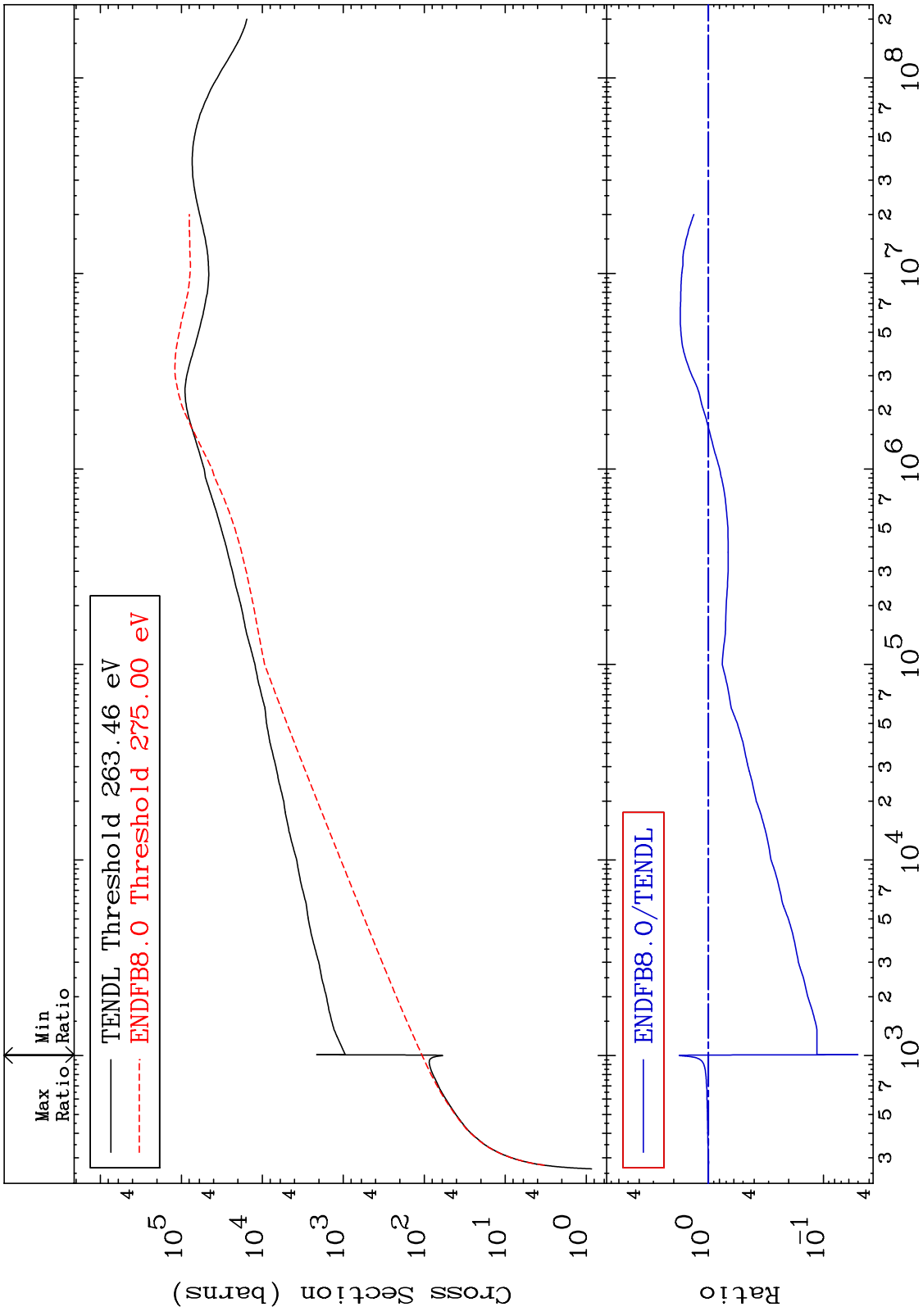
MAT 1928 Total kinematic kerma (high limit) 19-K -40
 -89.91 To 924.7 %
 Cross Section



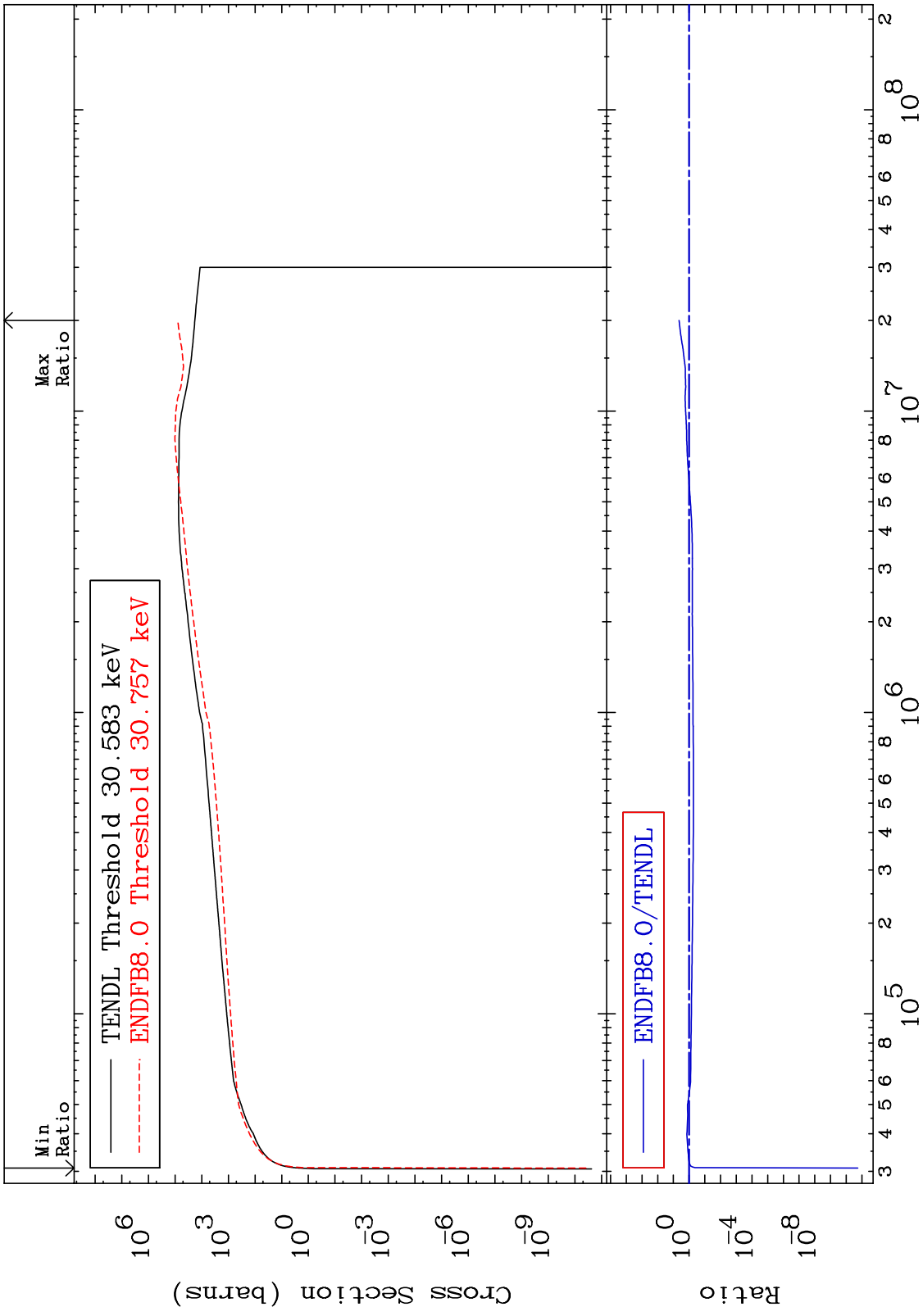
MAT 1928 Dpa total (eV-barns) 19-K -40
 Cross Section -91.73 To 2878. %



MAT 1928 Dpa elastic (mt2) 19-K -40
 Cross Section -94.98 To 79.87 %



MAT 1928 Dpa inelastic (mt51-91) 19-K -40
 Cross Section -100.0 To 336.4 %



MAT 1928 Dpa disappearance (mt102 -120) 19-K -40
 Cross Section -91.80 To 2878. %

