

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

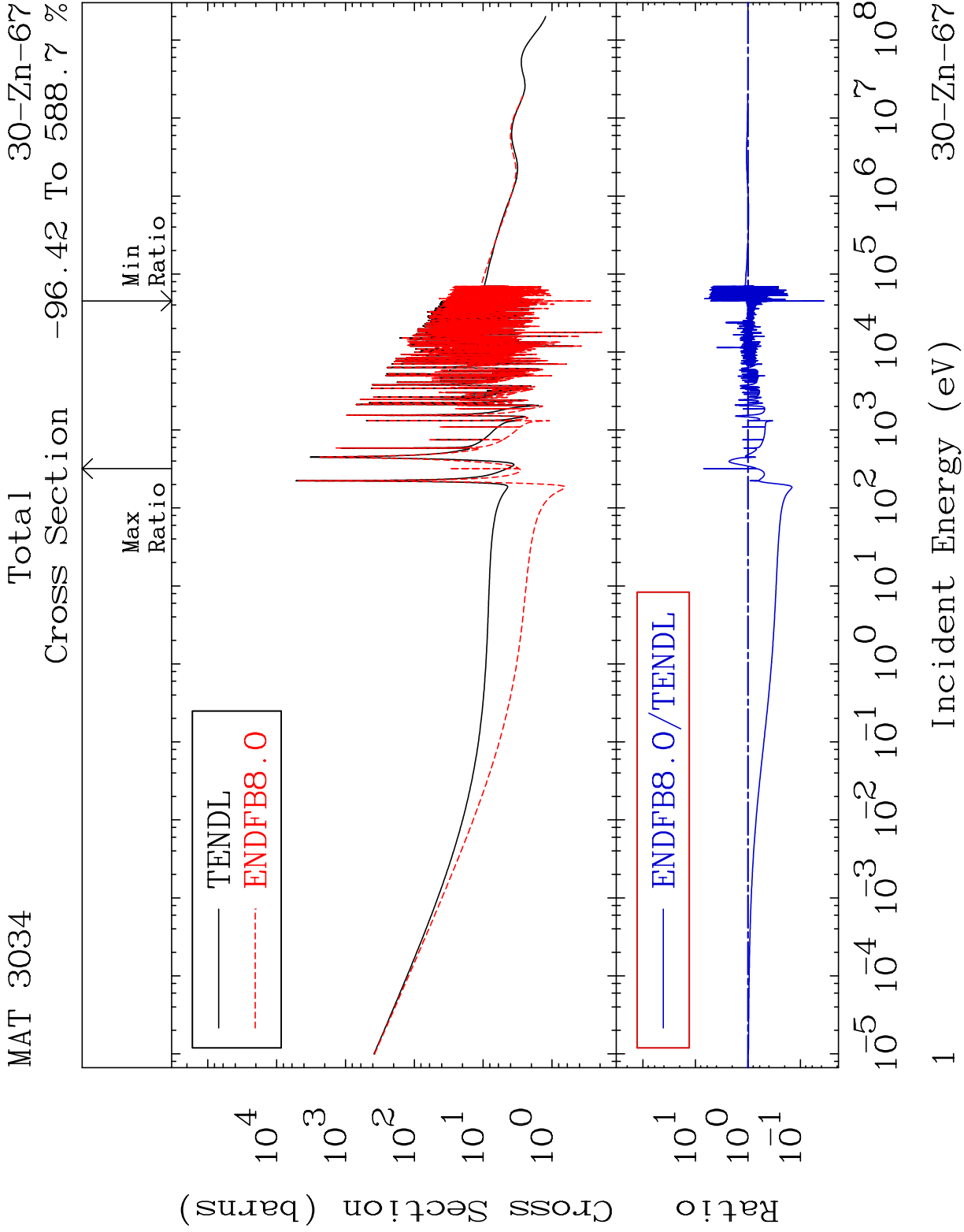
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

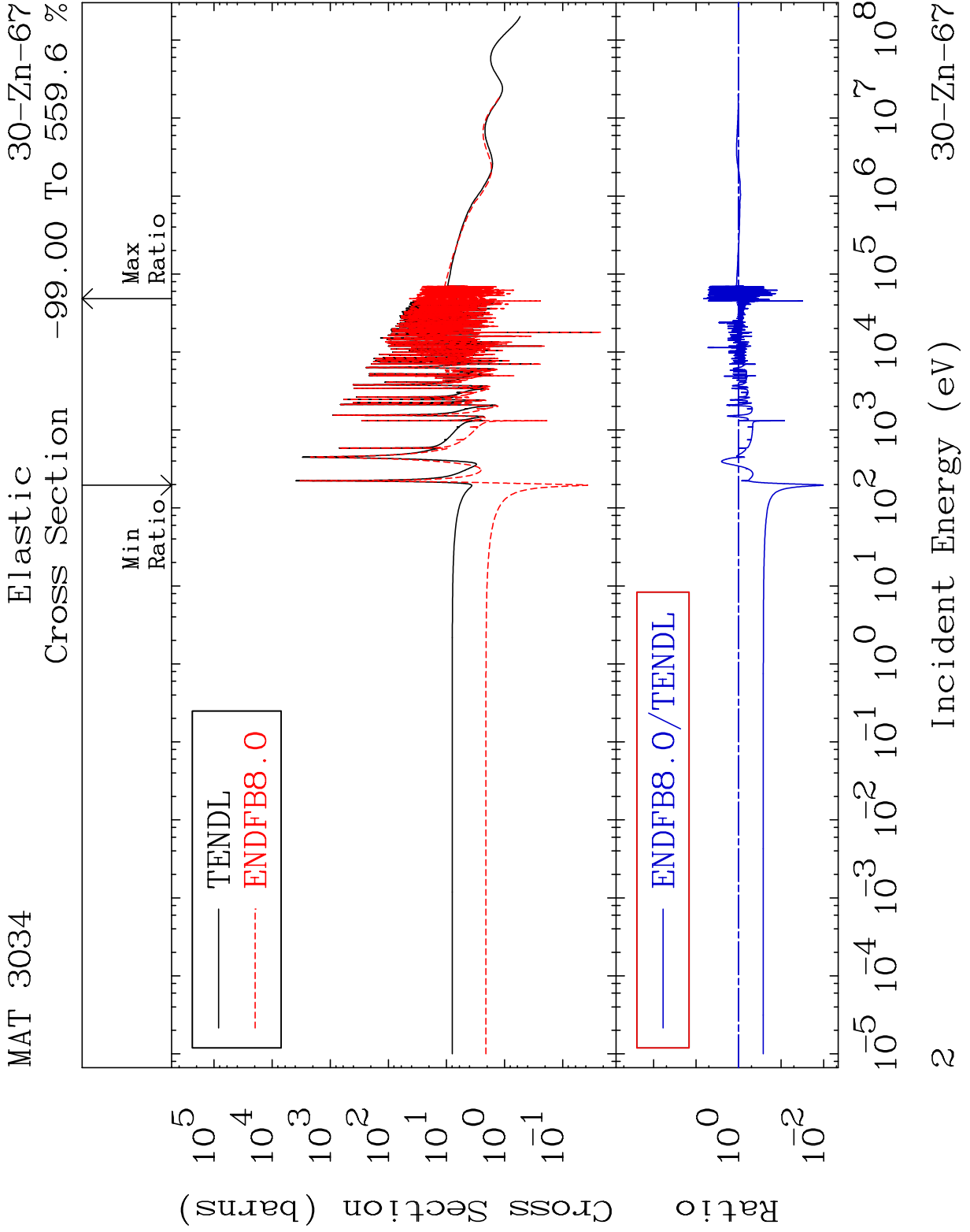
U.S.A.

Tele: 925-443-1911

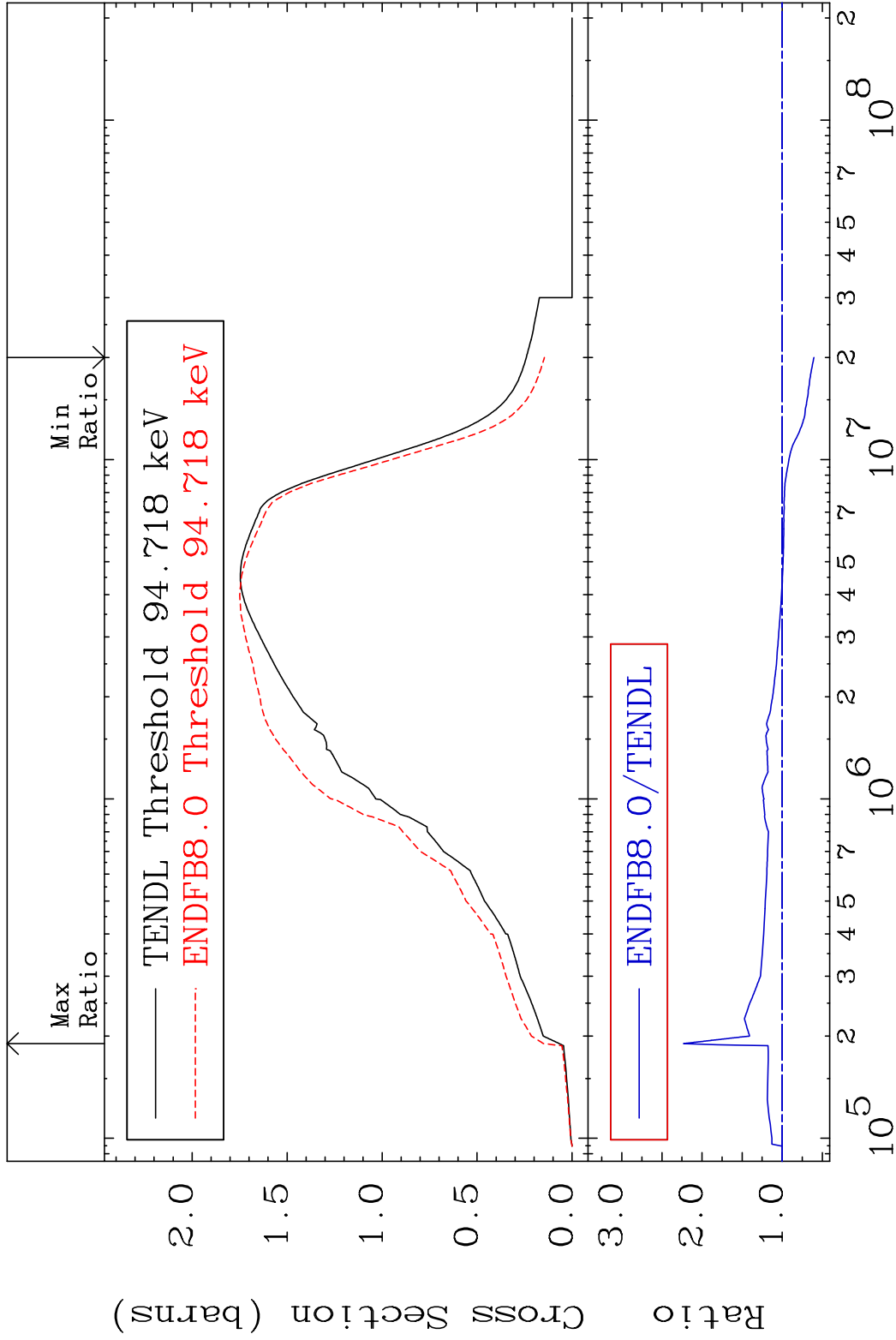
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

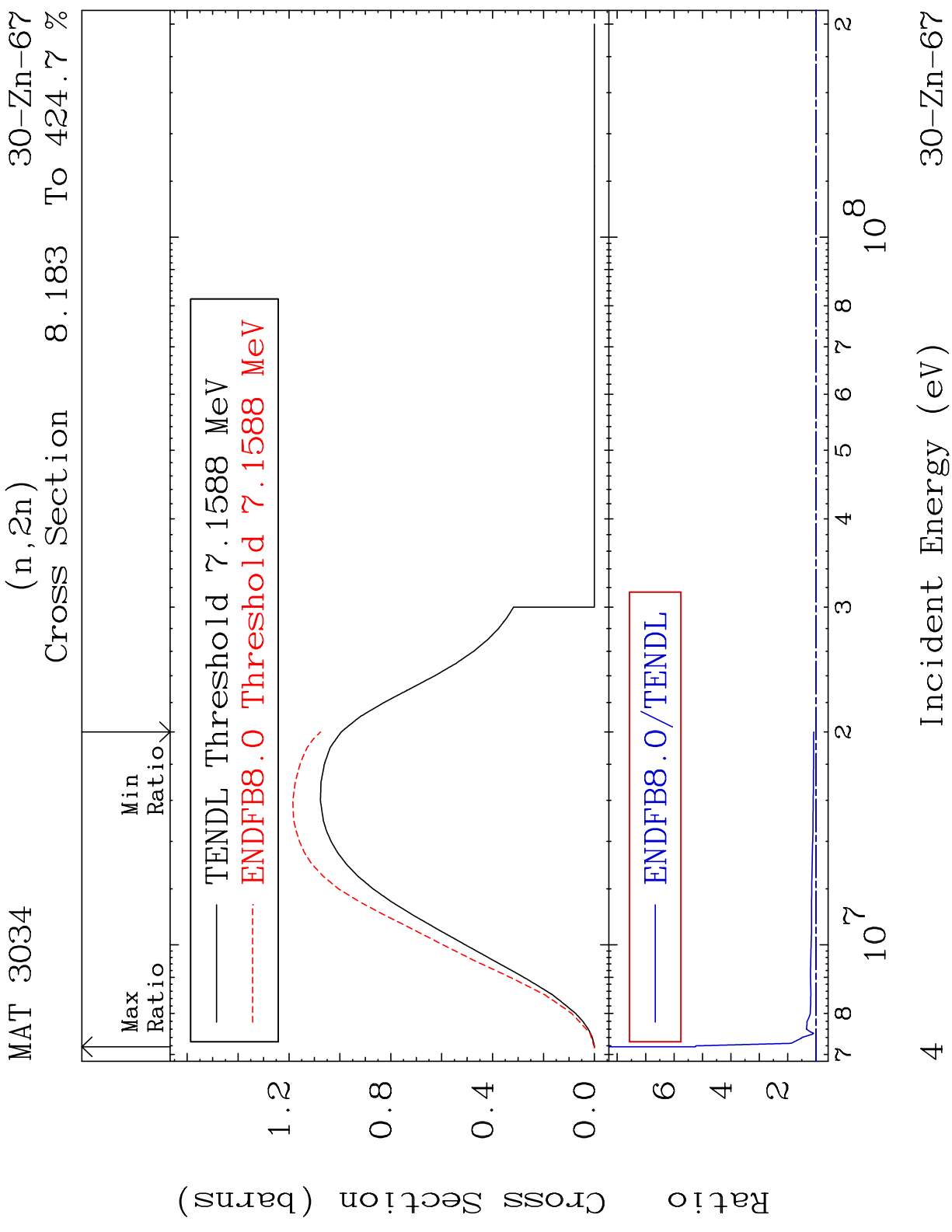


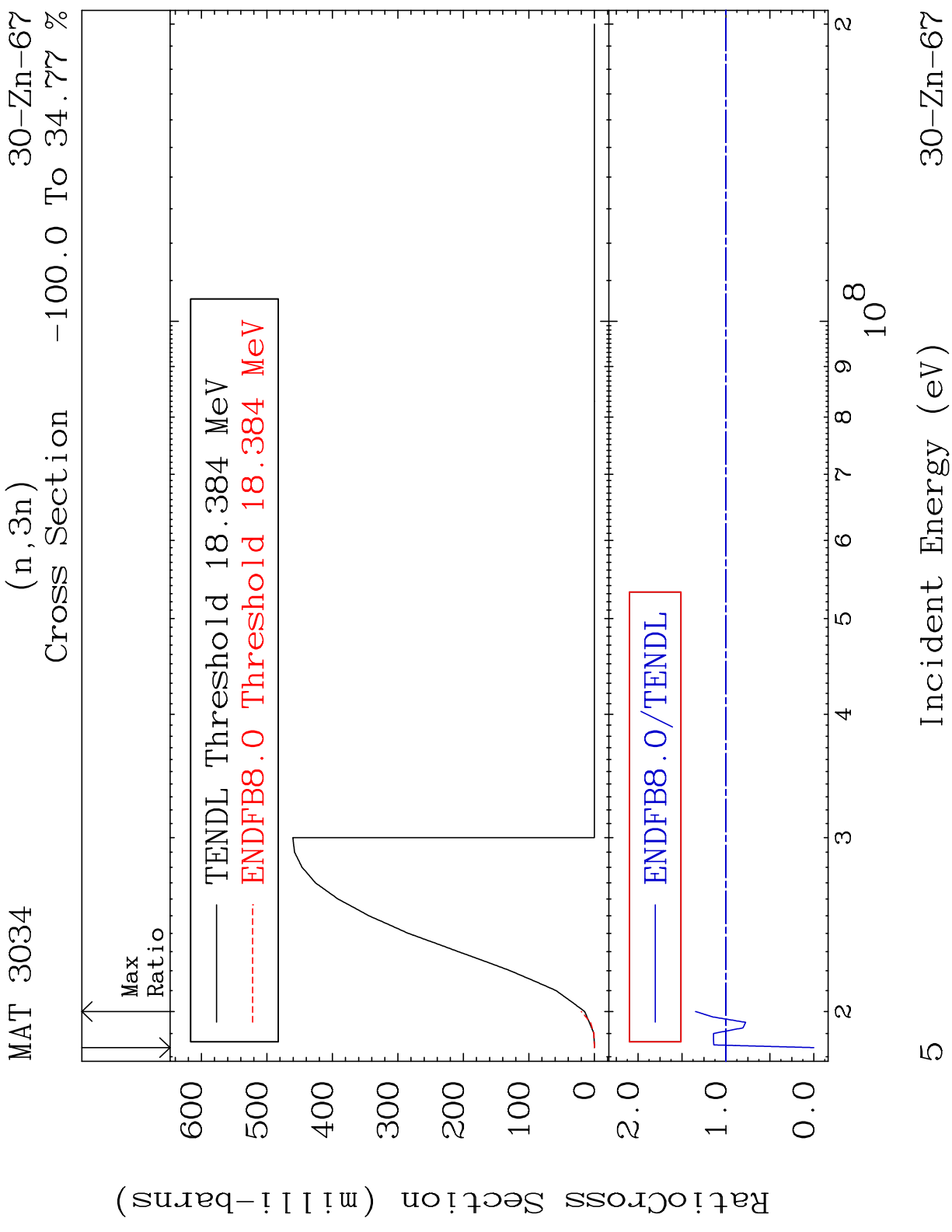


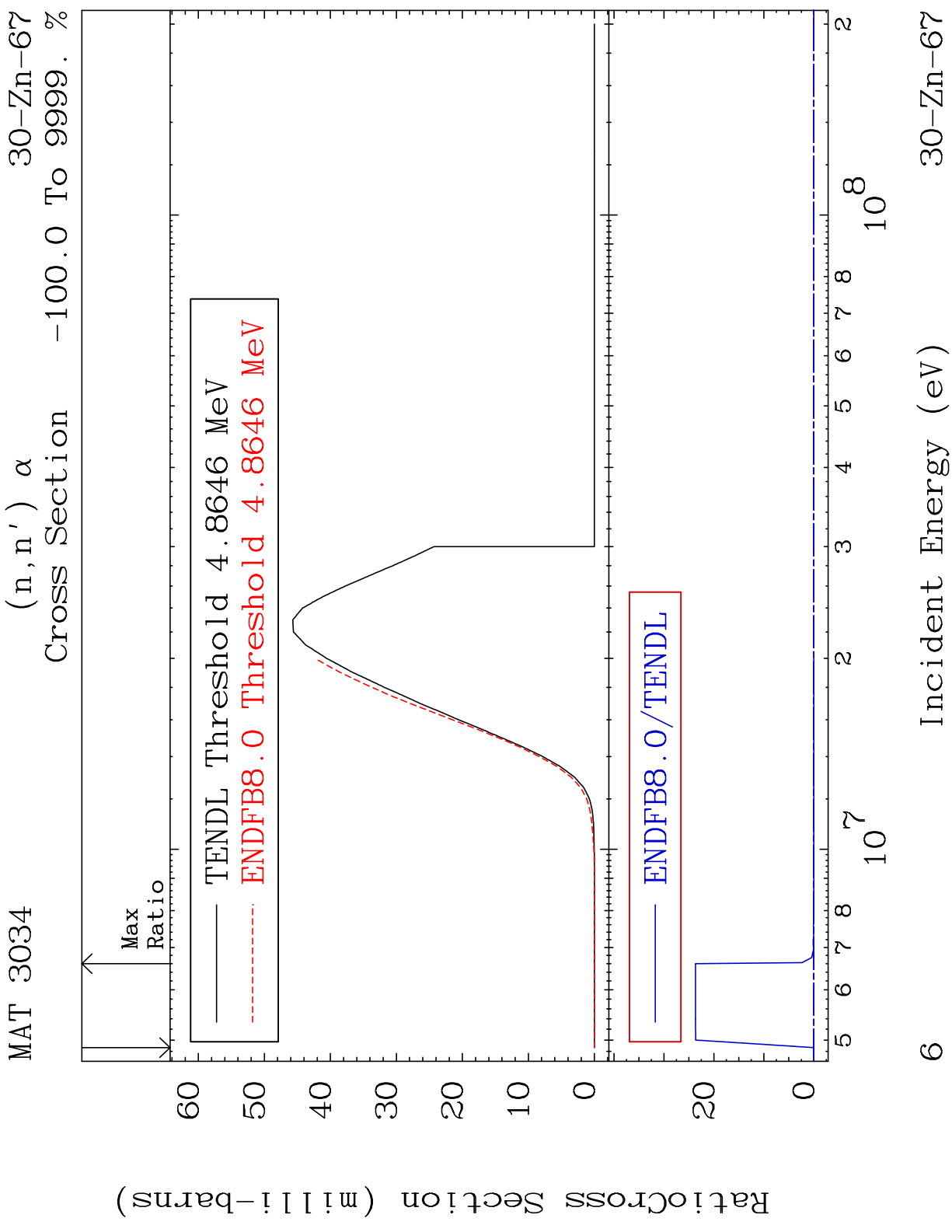
MAT 3034 Inelastic 30-Zn-67
 Cross Section -39.49 To 123.1 %

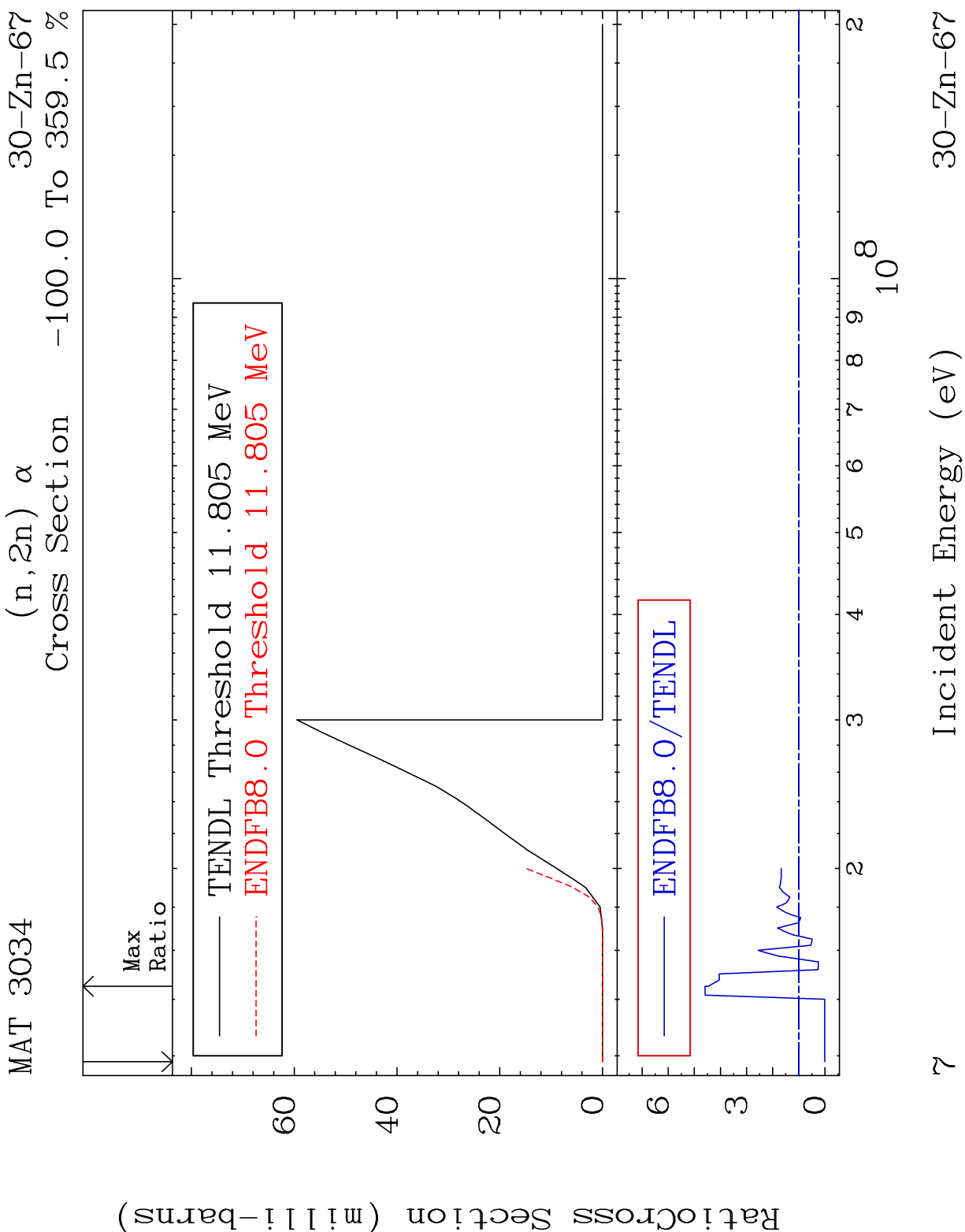


3 Incident Energy (eV) 30-Zn-67

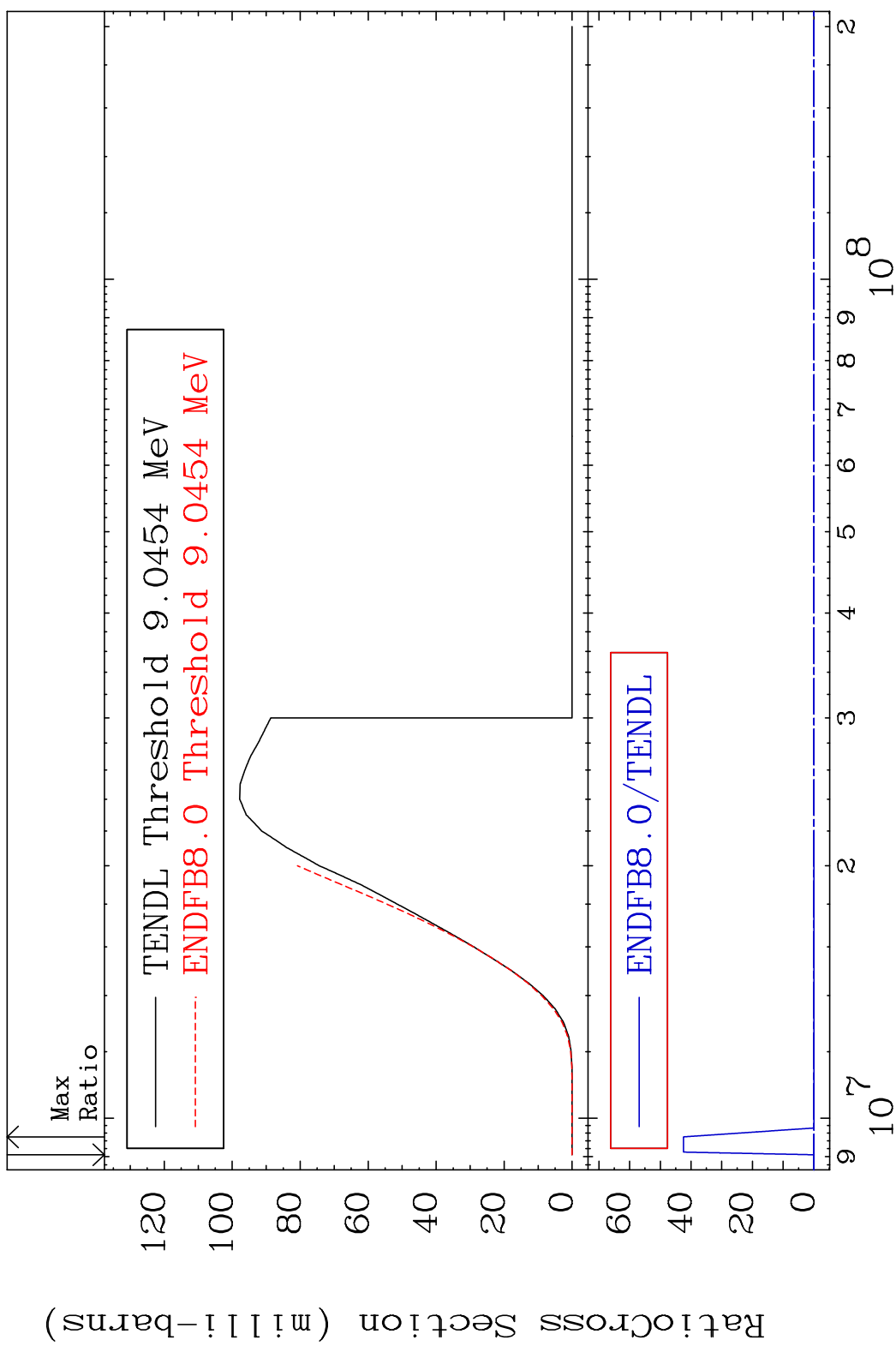




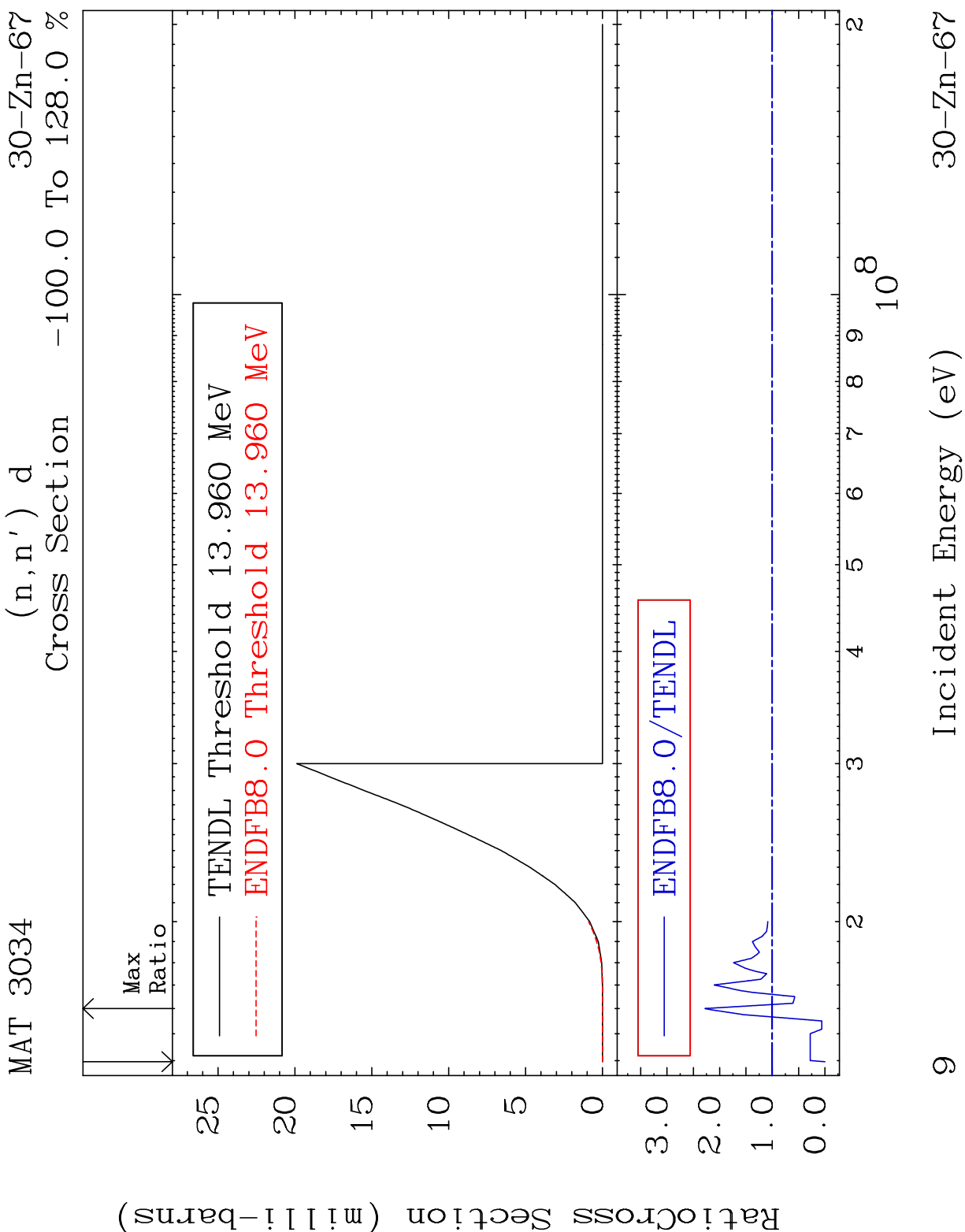




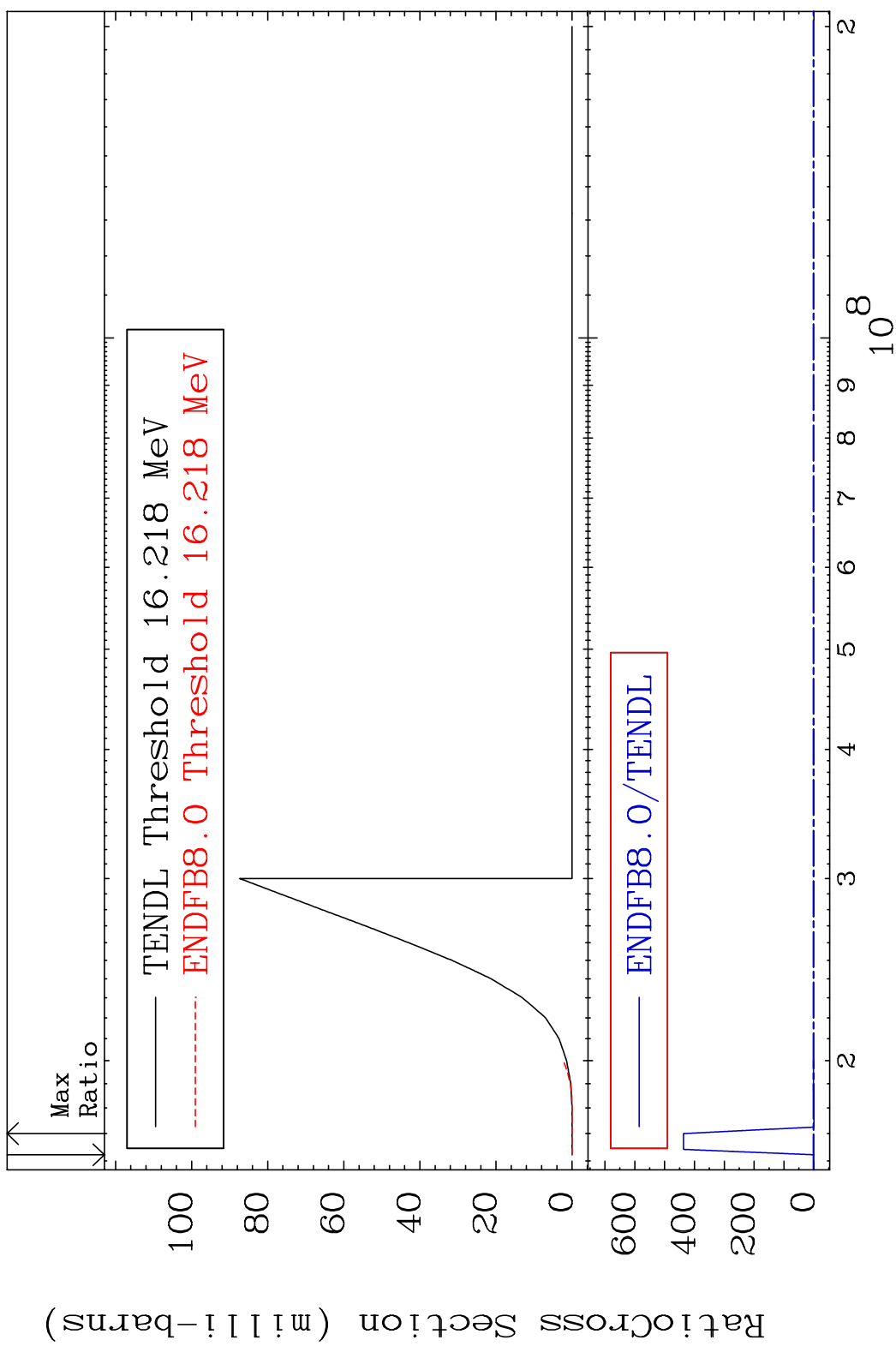
MAT 3034 (n,n') p 30-Zn-67
 Cross Section -100.0 To 9999. %



8 Incident Energy (eV) 30-Zn-67

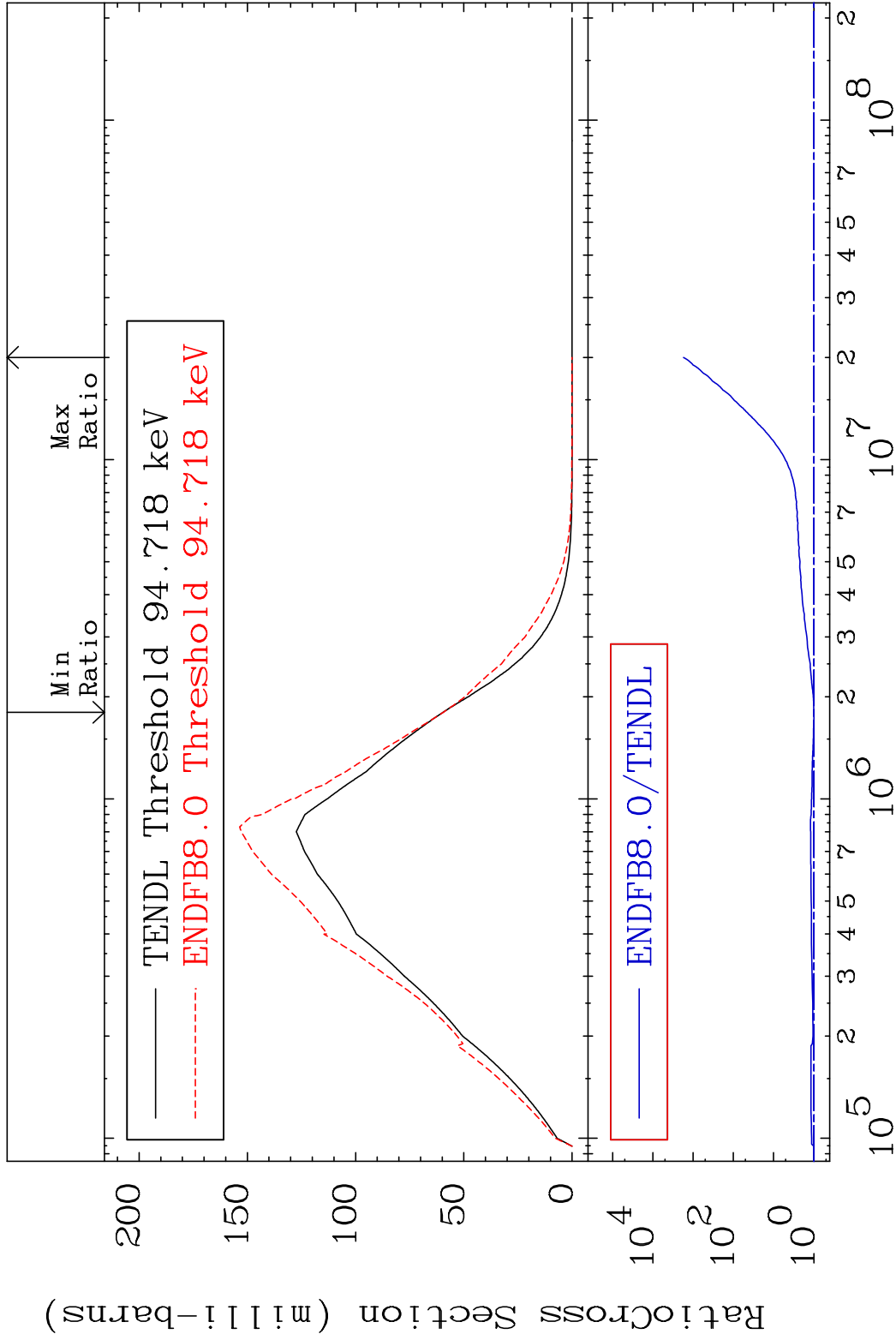


MAT 3034 (n,2n) p 30-Zn-67
 Cross Section -100.0 To 9999. %



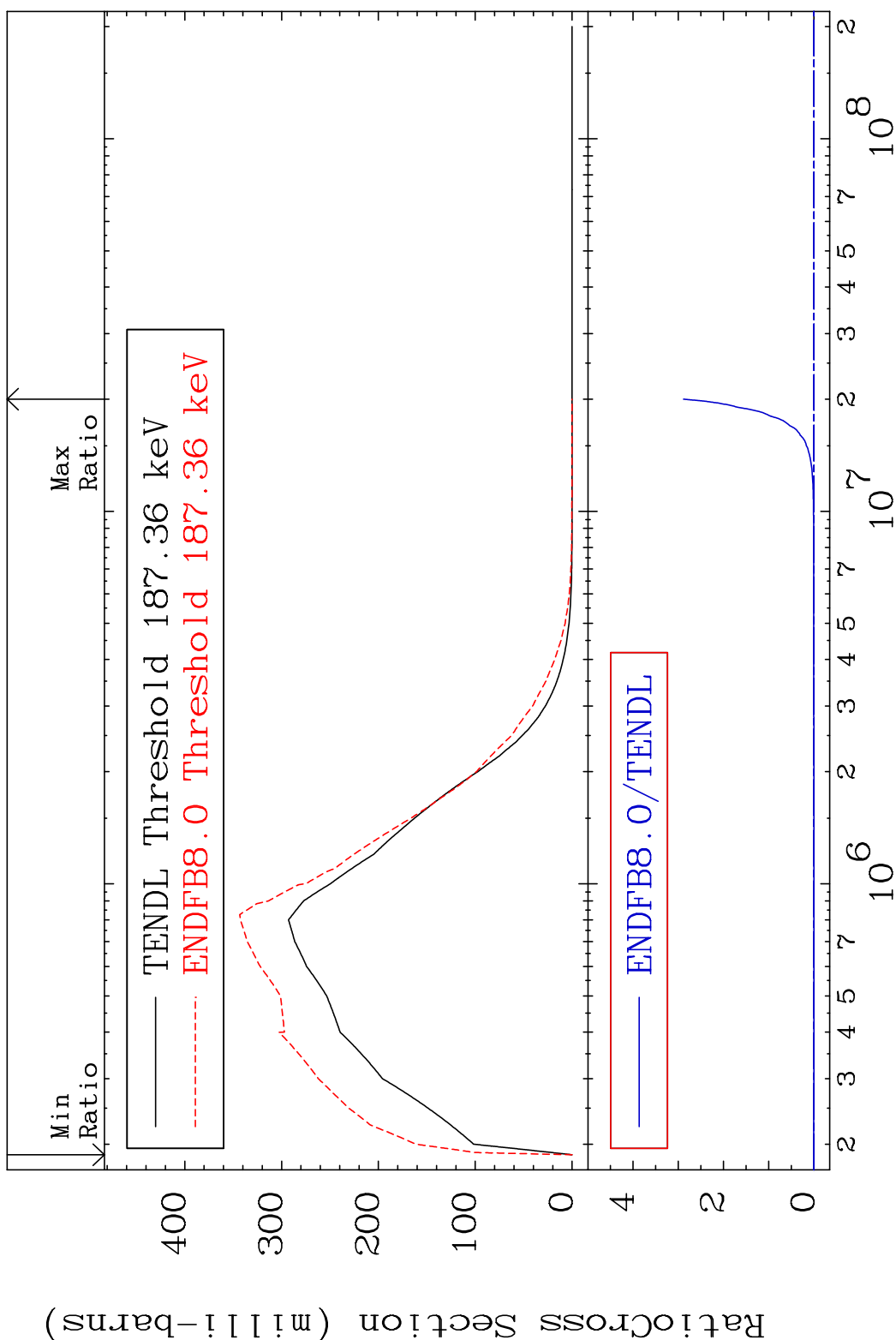
10 30-Zn-67

MAT 3034 MT= 51 (n, n') Level 30-Zn-67
 Cross Section -0.287 To 9999. %



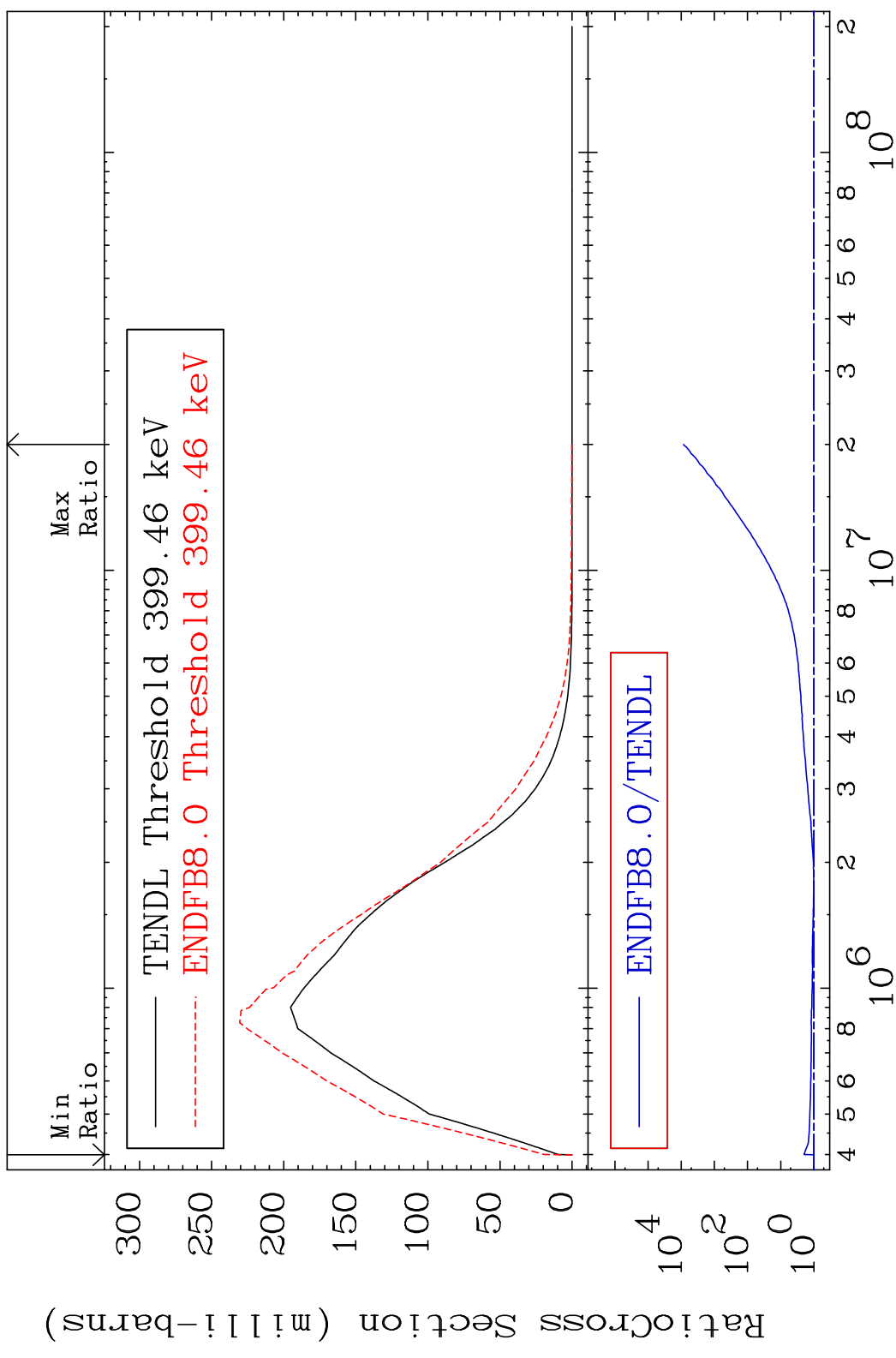
11 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 52 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



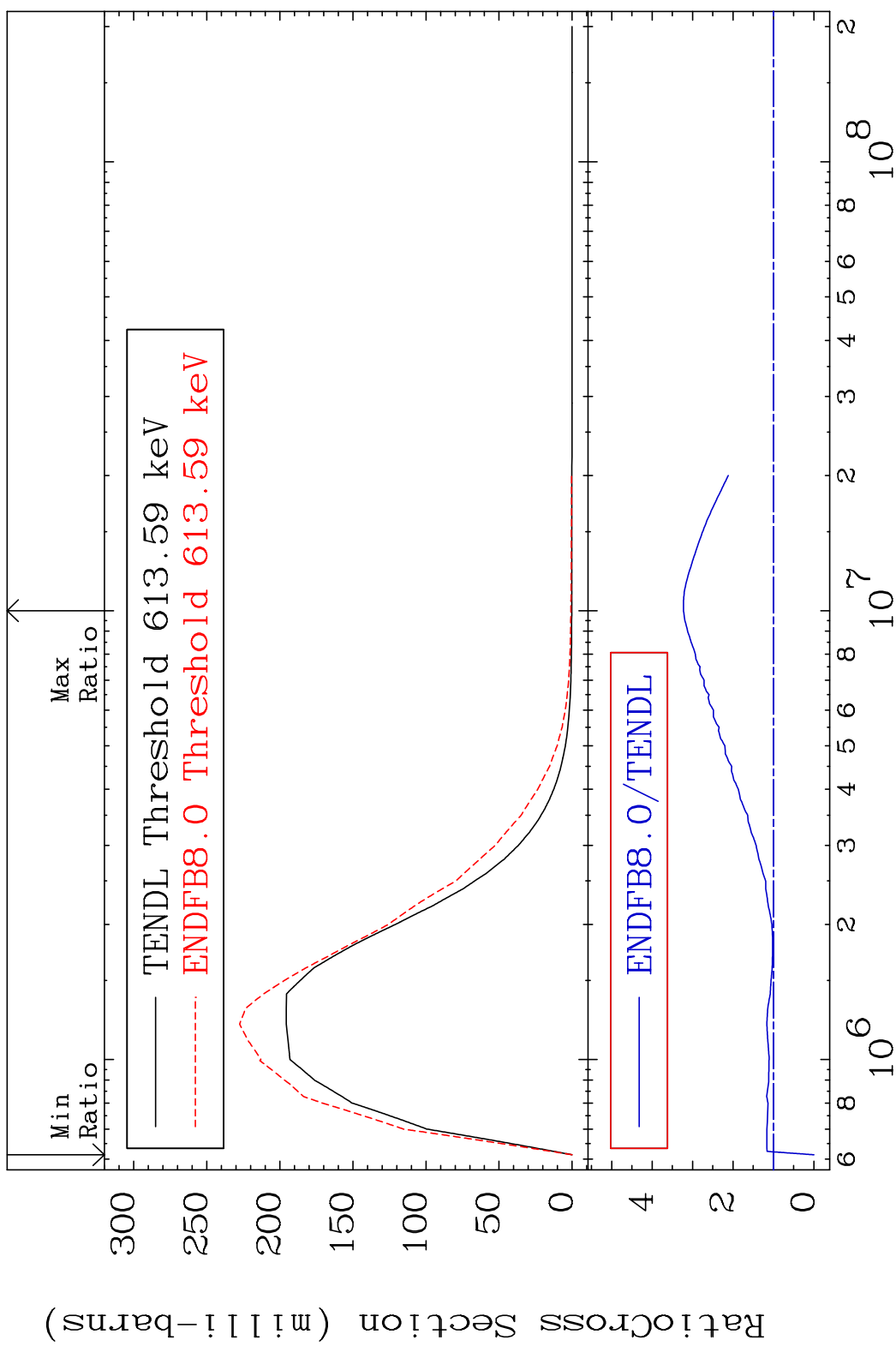
12 30-Zn-67

MAT 3034 MT= 53 (n, n') Level 30-Zn-67
 Cross Section 0.000 To 9999. %



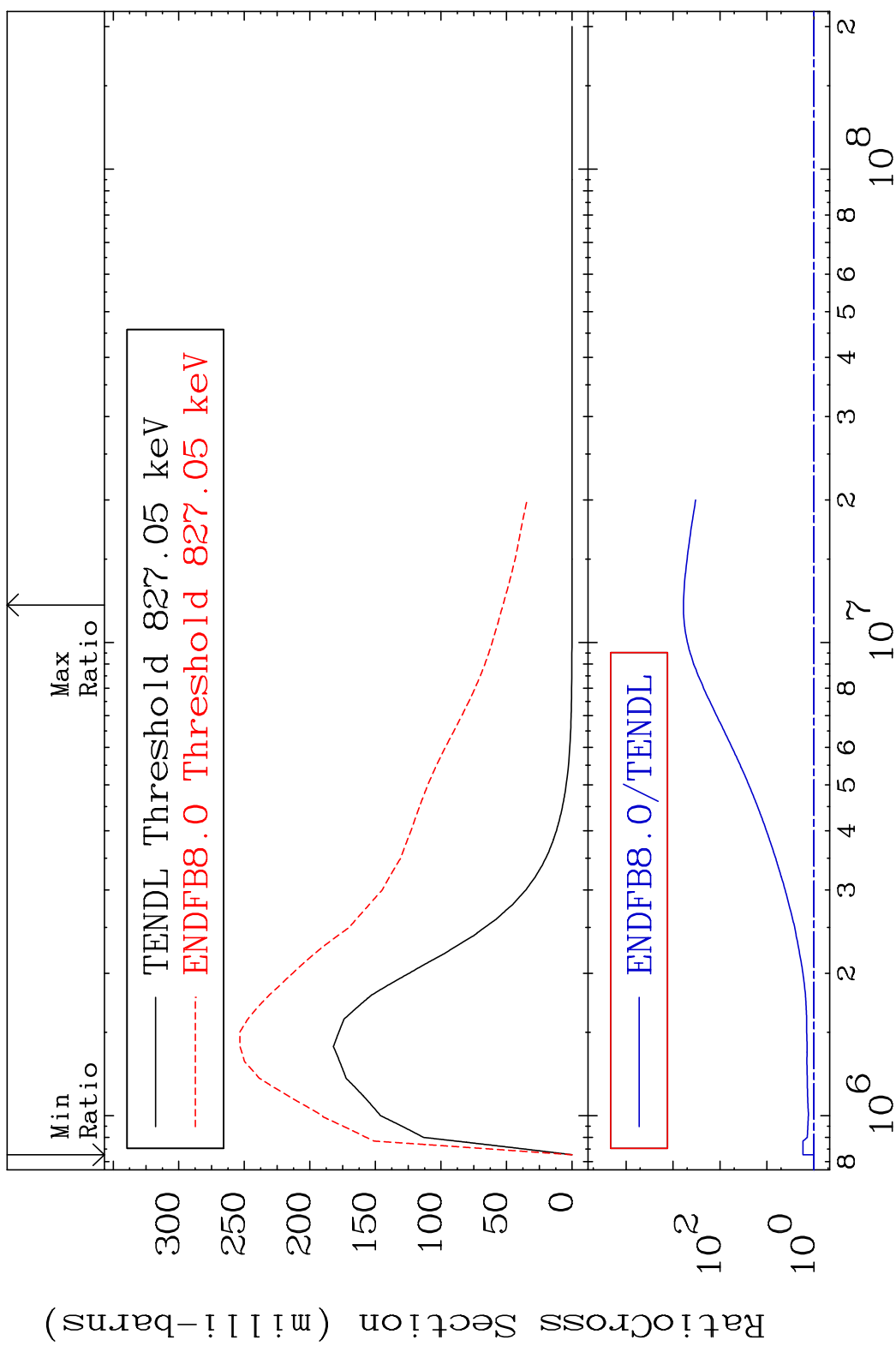
13 30-Zn-67

MAT 3034 MT= 54 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 222.5 %



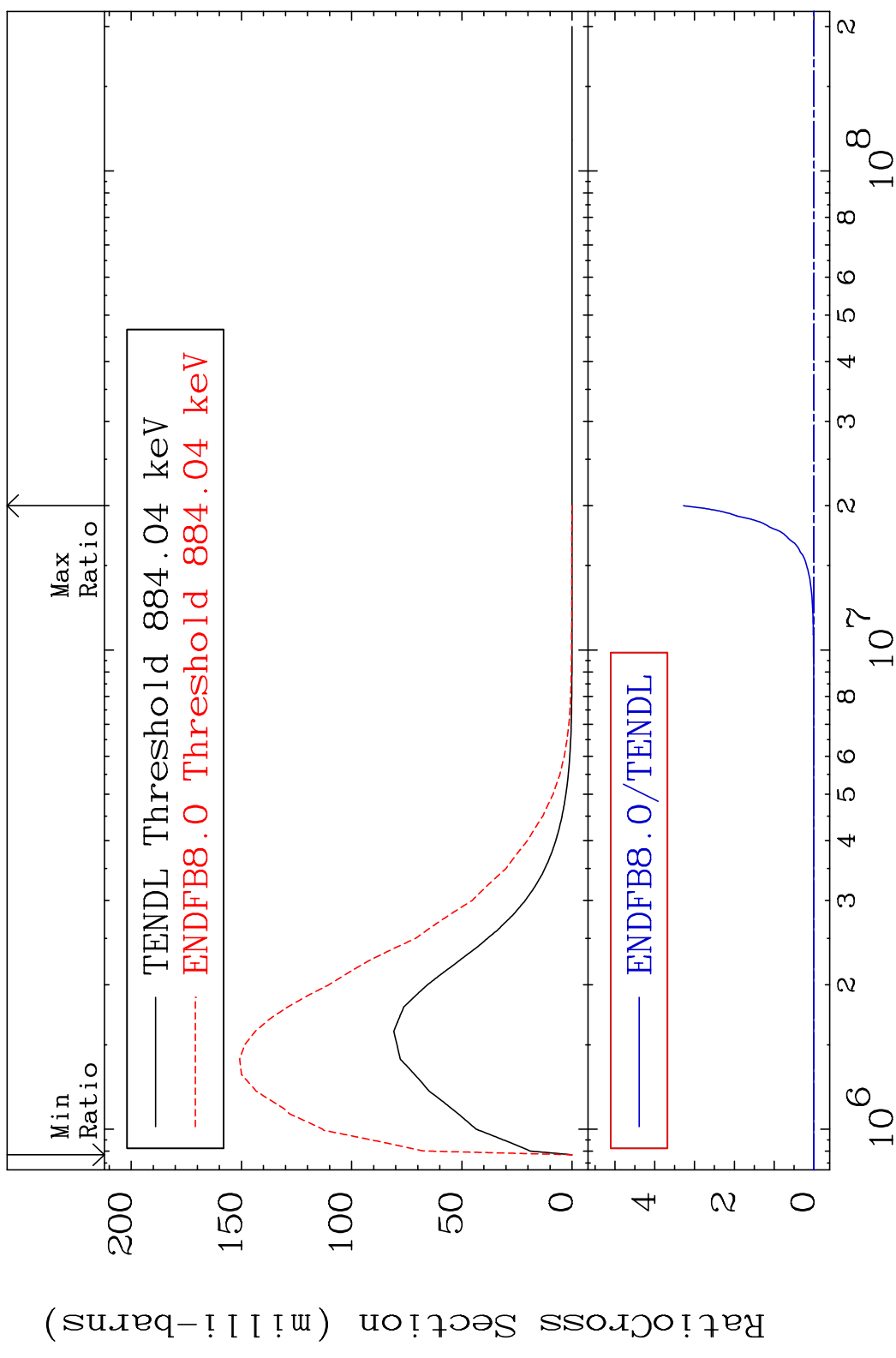
14 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 55 (n, n') Level 30-Zn-67
 Cross Section 0.000 To 9999. %



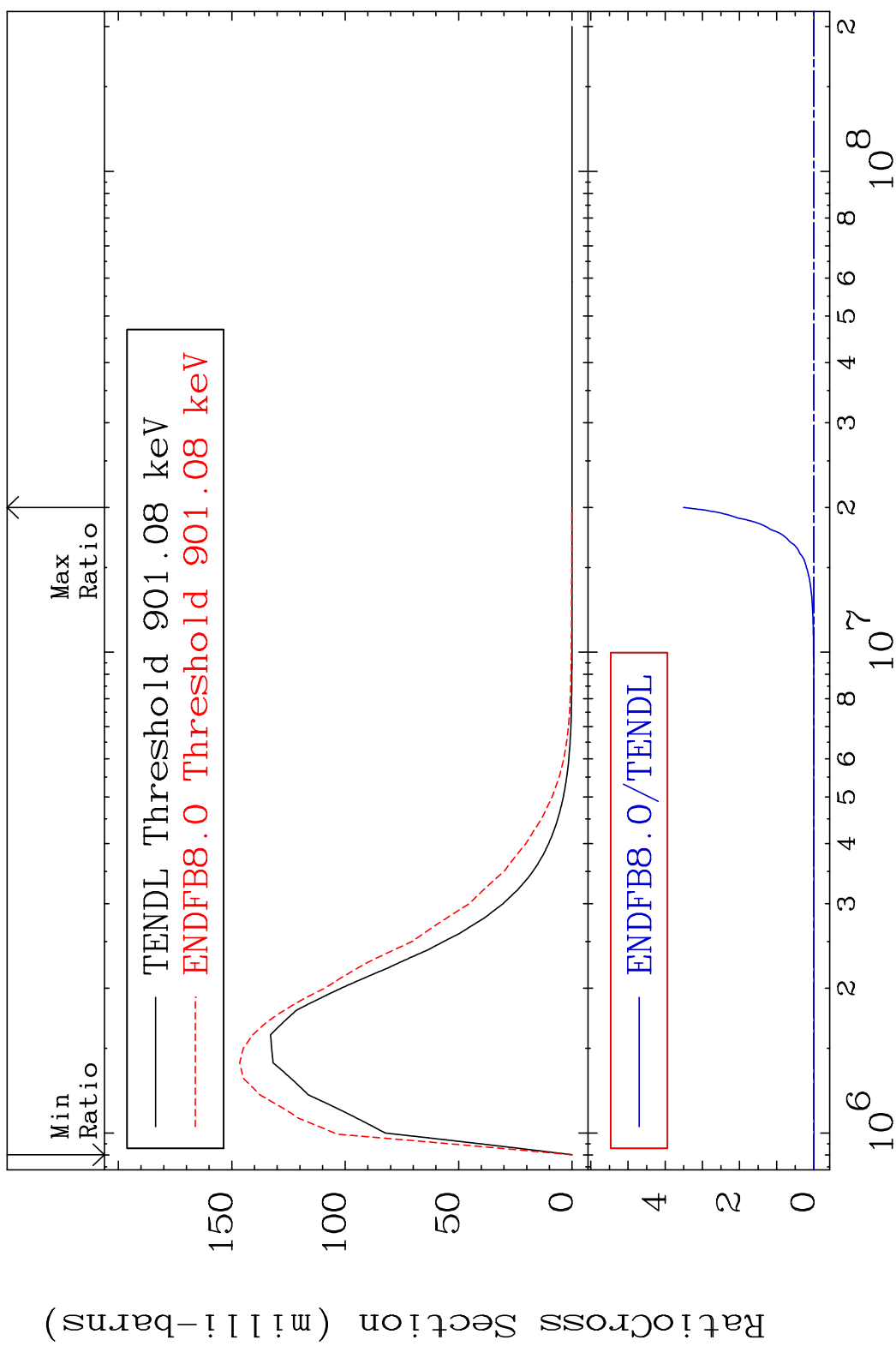
15 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 56 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



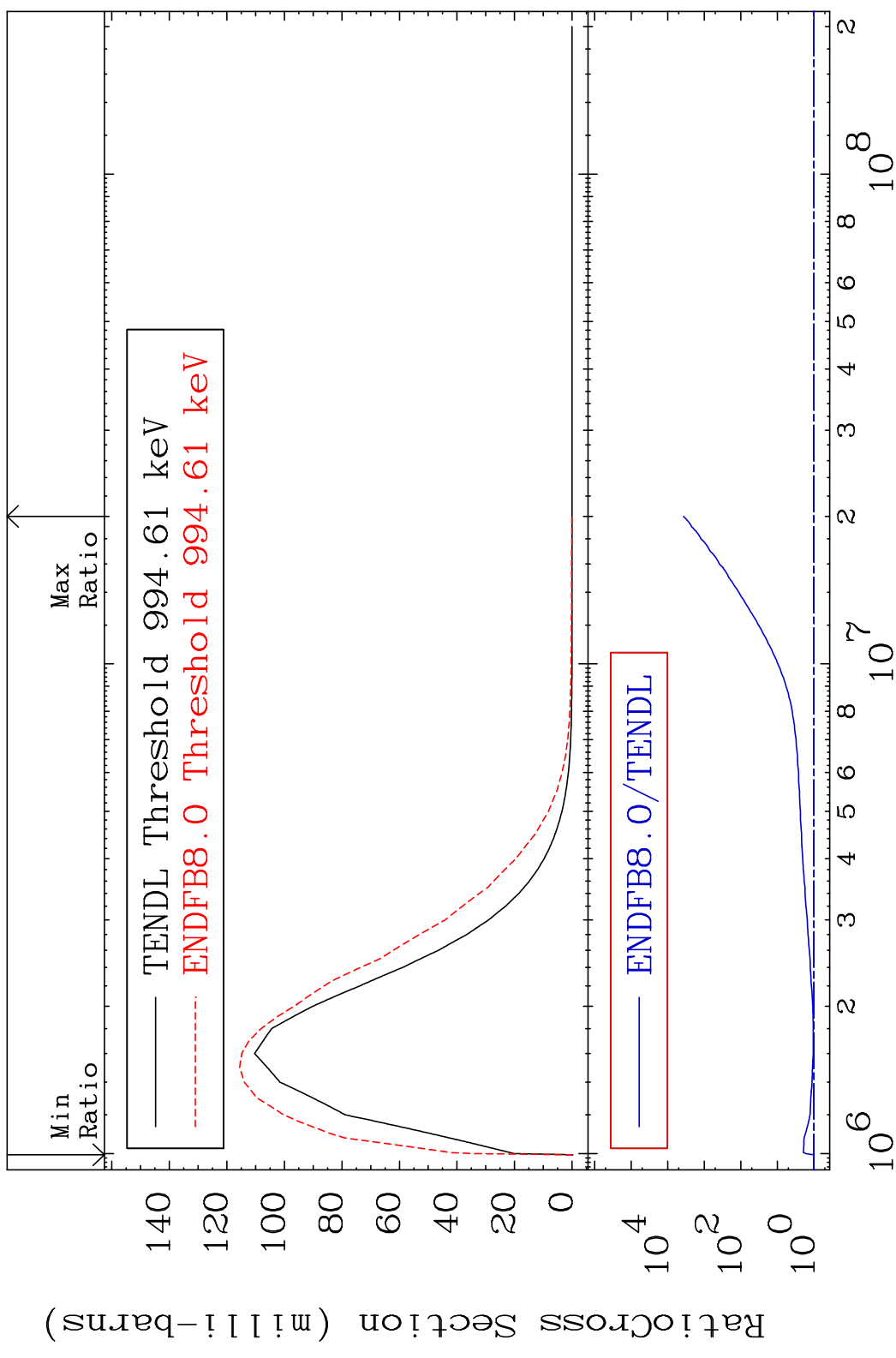
16 30-Zn-67

MAT 3034 MT= 57 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 9999. %



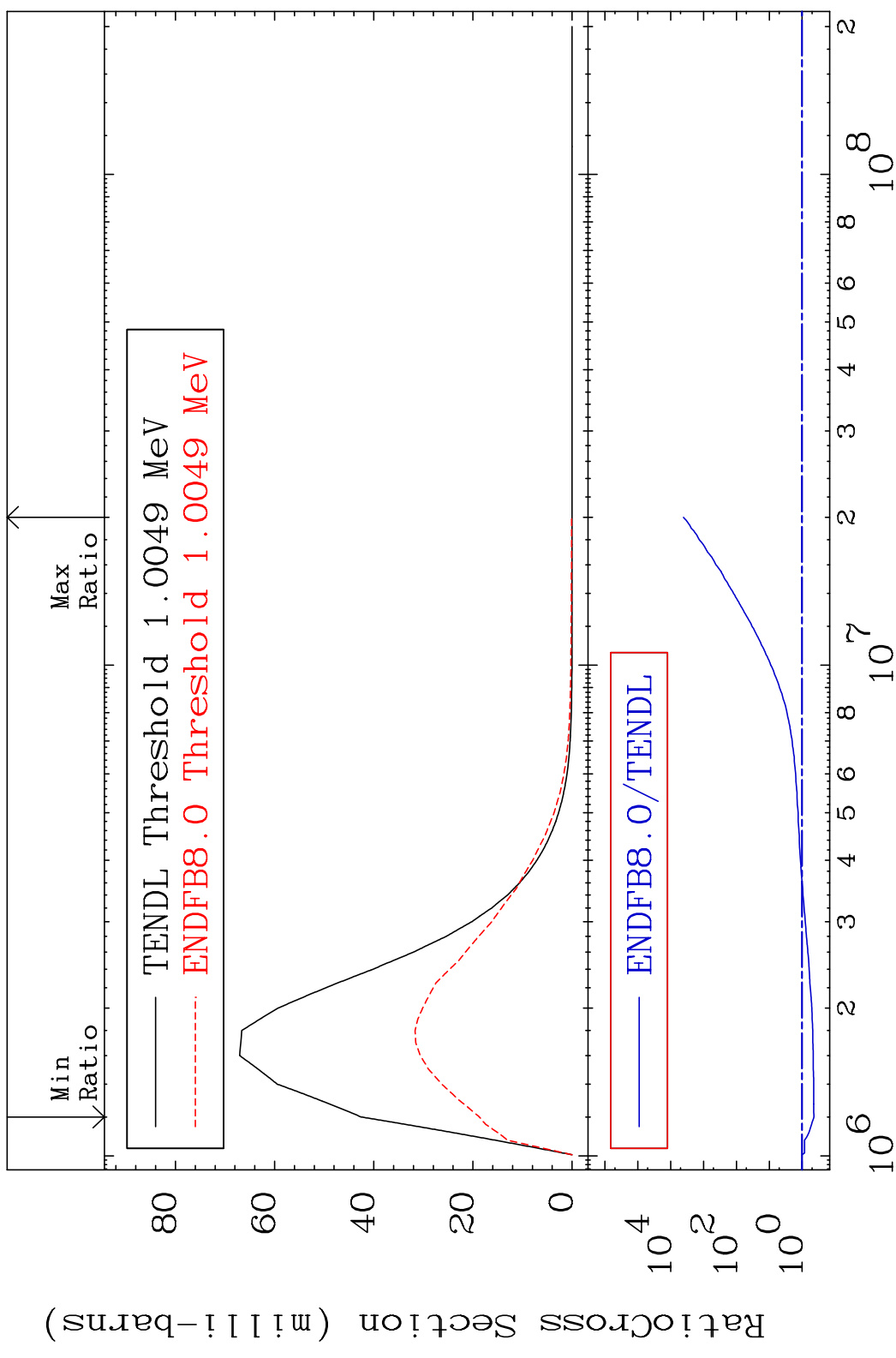
17 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 58 (n, n') Level 30-Zn-67
 Cross Section 0.000 To 9999. %



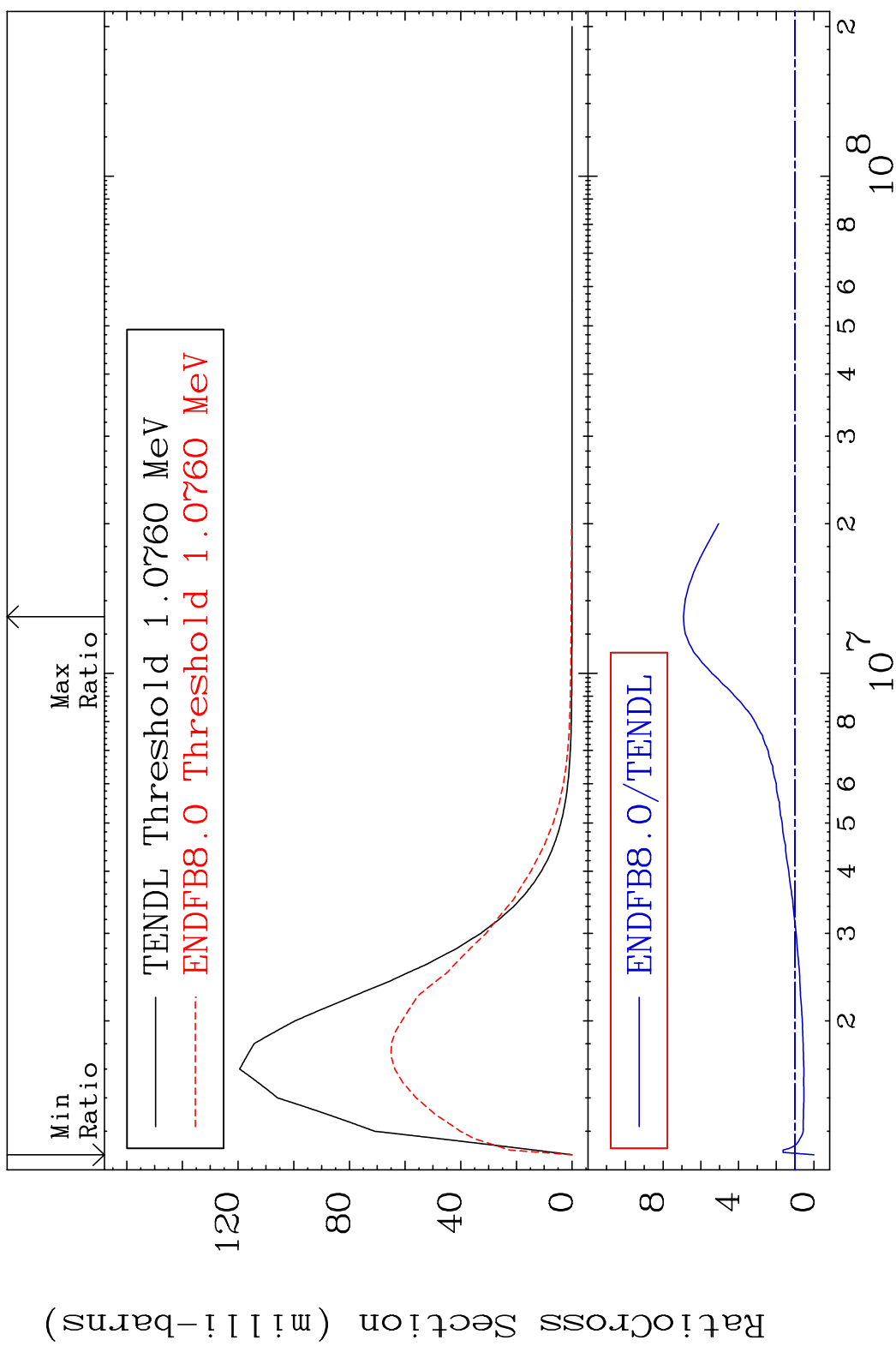
18 30-Zn-67

MAT 3034 MT= 59 (n, n') Level 30-Zn-67
 Cross Section -56.04 To 9999. %



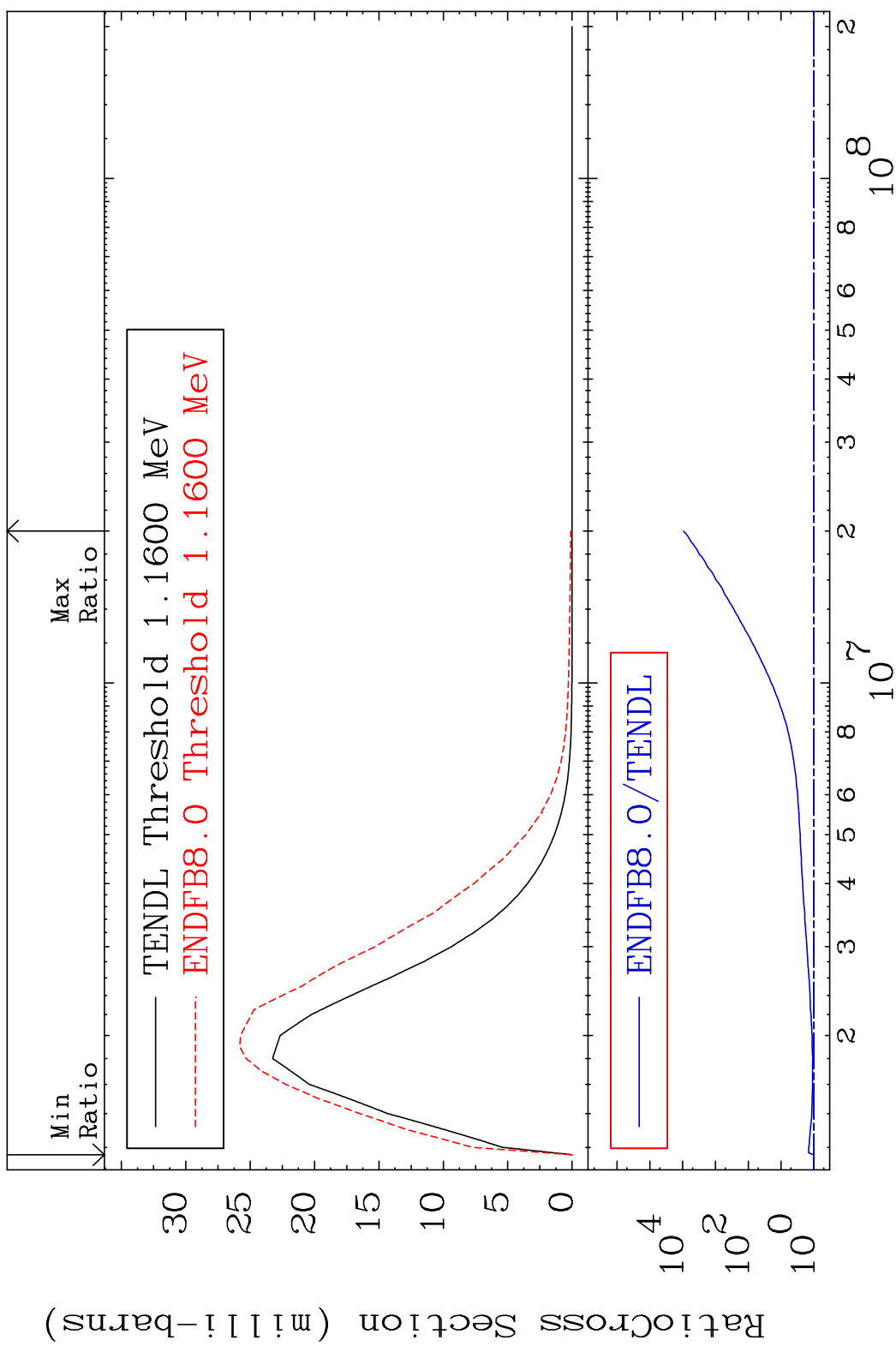
19 Incident Energy (eV) 30-Zn-67

MAT 3034 MT= 60 (n, n') Level 30-Zn-67
 Cross Section -100.0 To 592.1 %



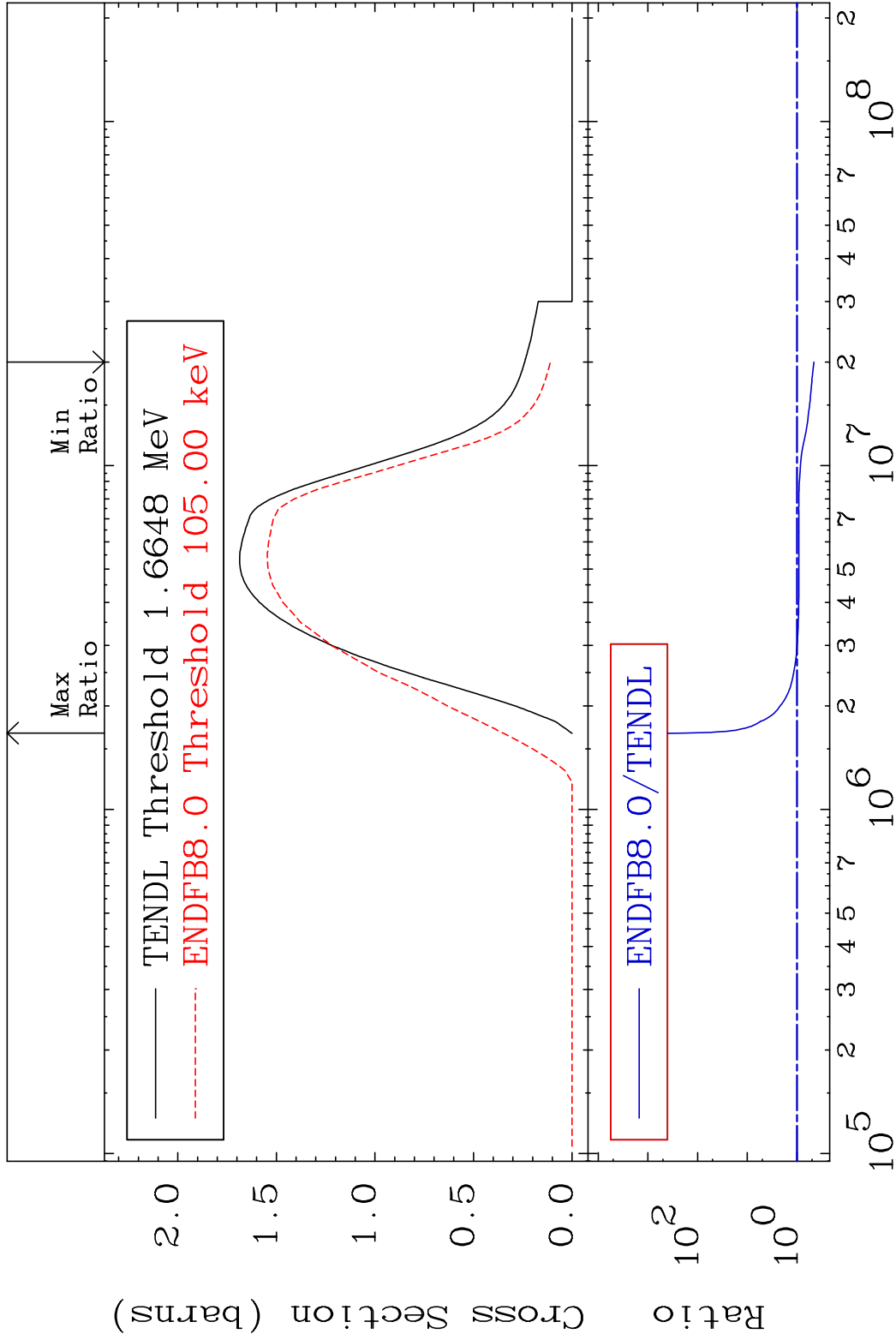
20 30-Zn-67

MAT 3034 MT= 61 (n, n') Level 30-Zn-67
 Cross Section 0.000 To 9999. %



21 Incident Energy (eV) 30-Zn-67

MAT 3034 (n, n') Continuum 30-Zn-67
 Cross Section -54.12 To 9999. %



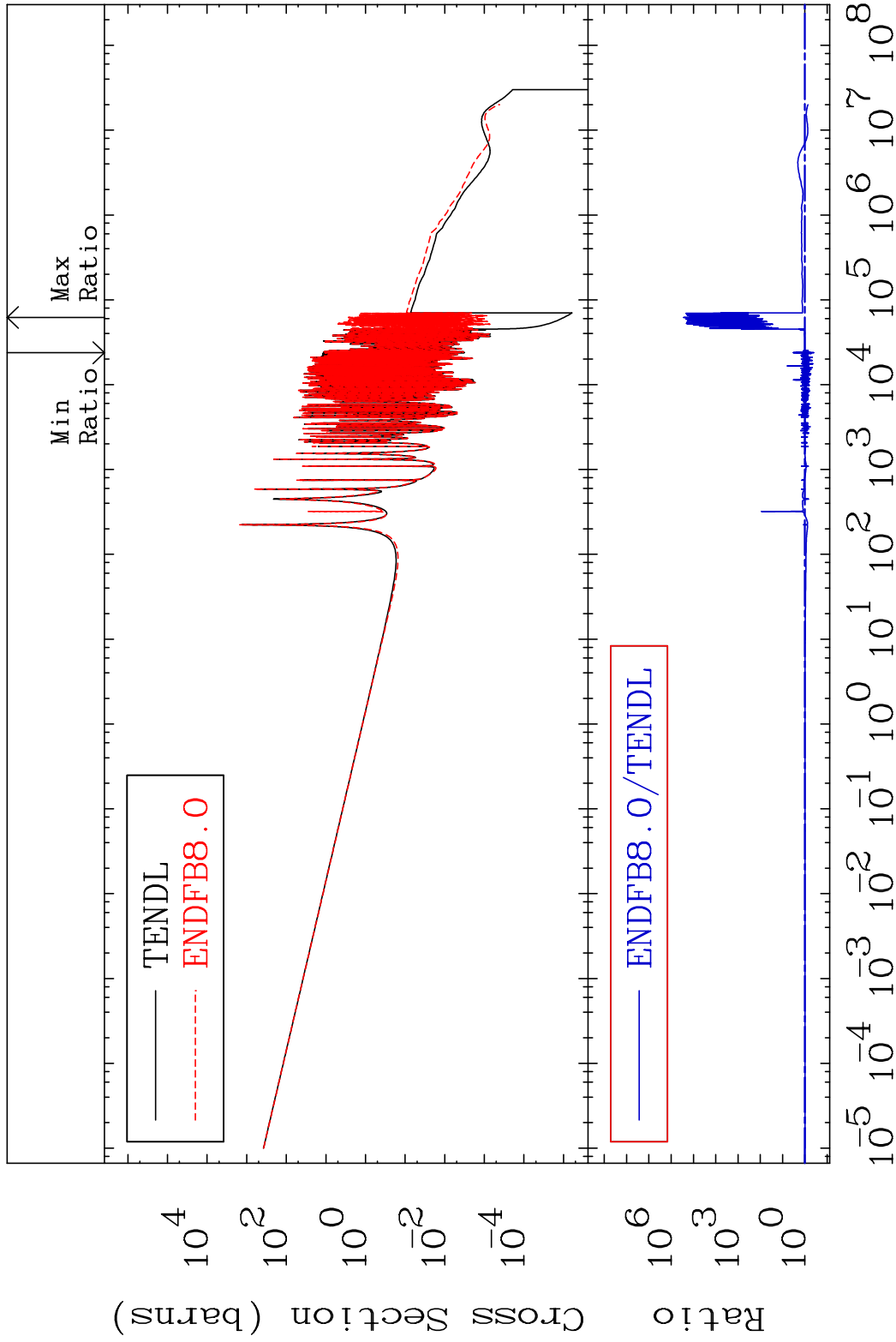
22 30-Zn-67

MAT 3034

(n, γ)

30-Zn-67

Cross Section -60.45 To 9999. %

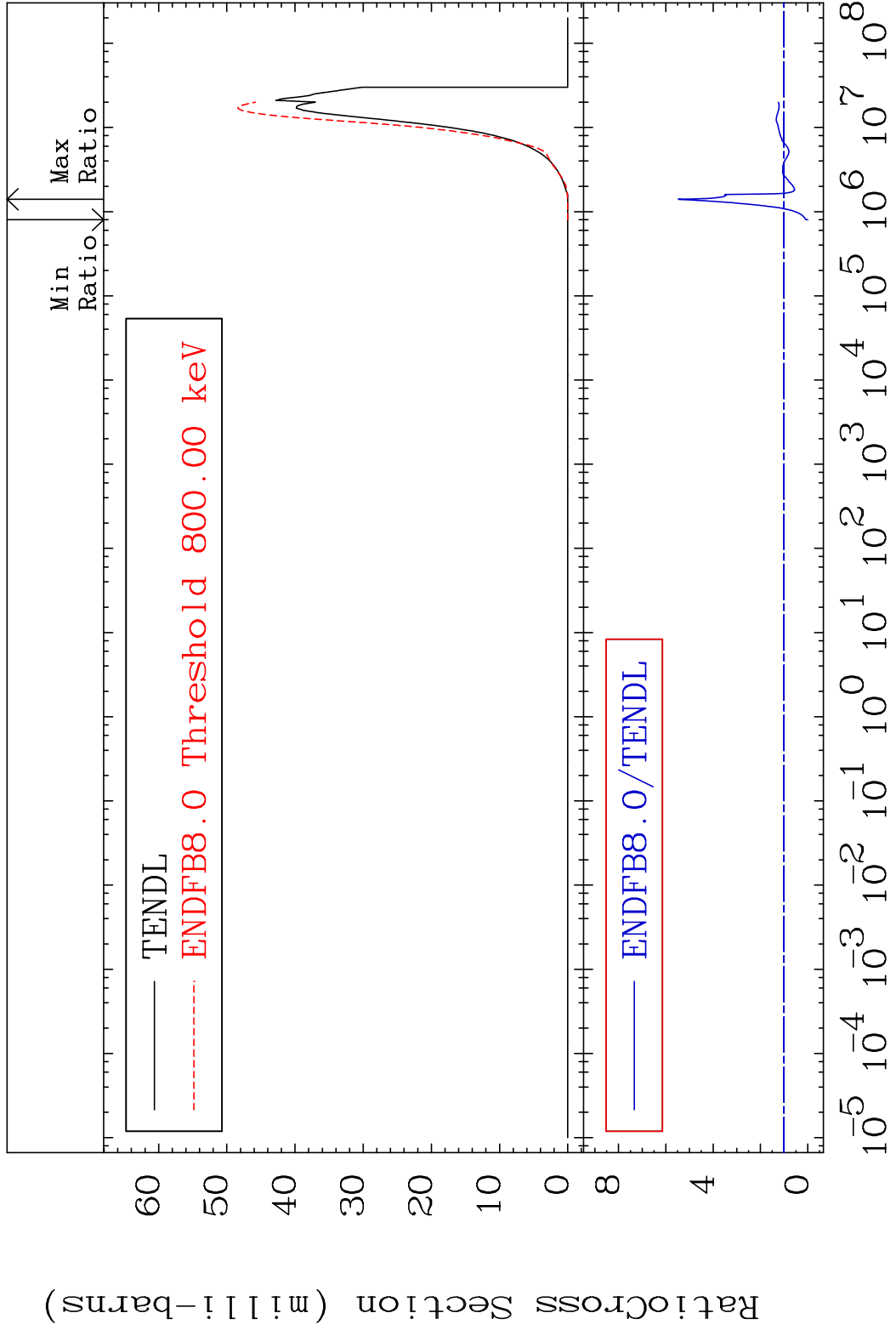


23

Incident Energy (eV)

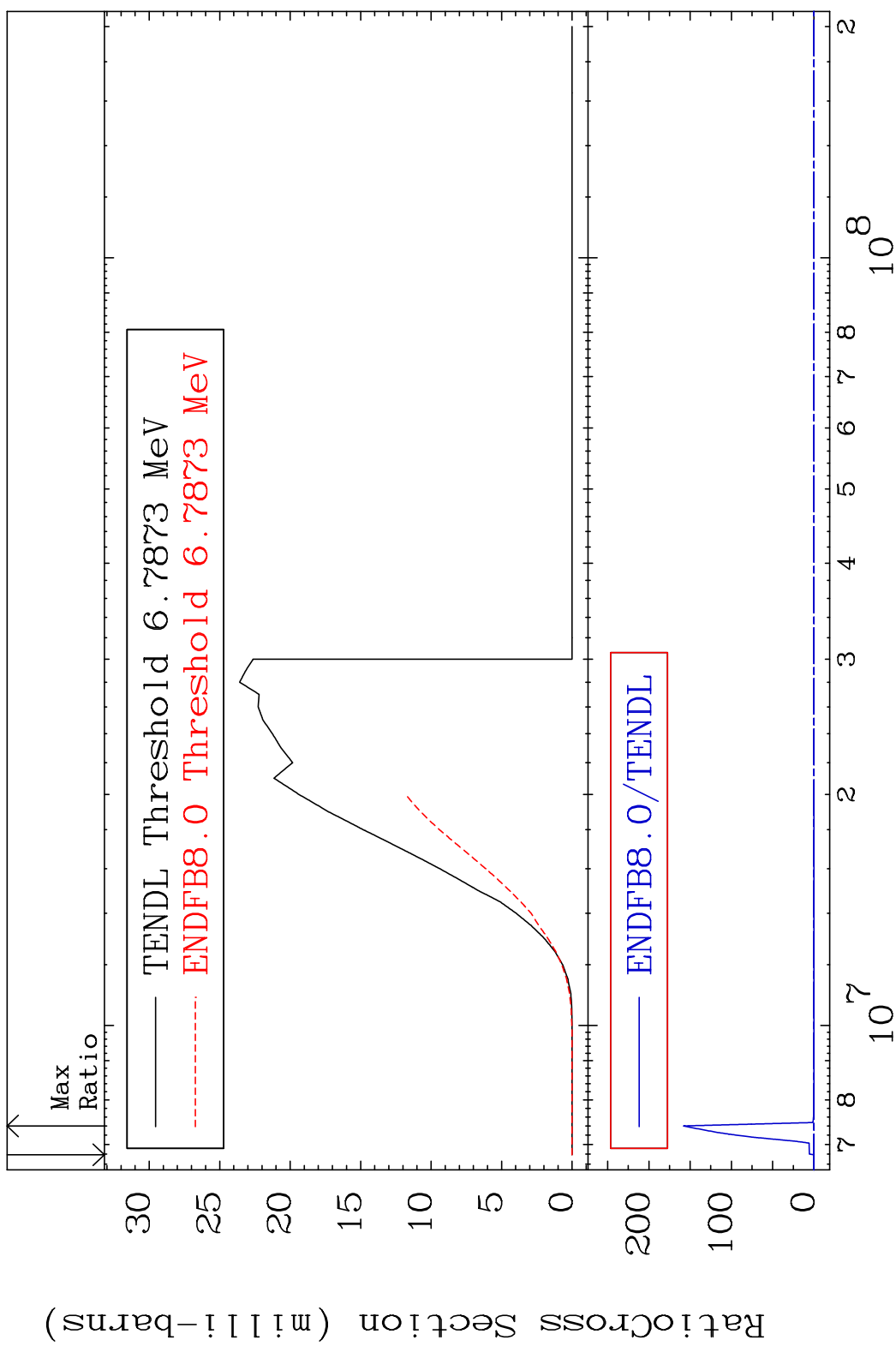
30-Zn-67

MAT 3034 (n, p) 30-Zn-67
 Cross Section -100.0 To 447.4 %

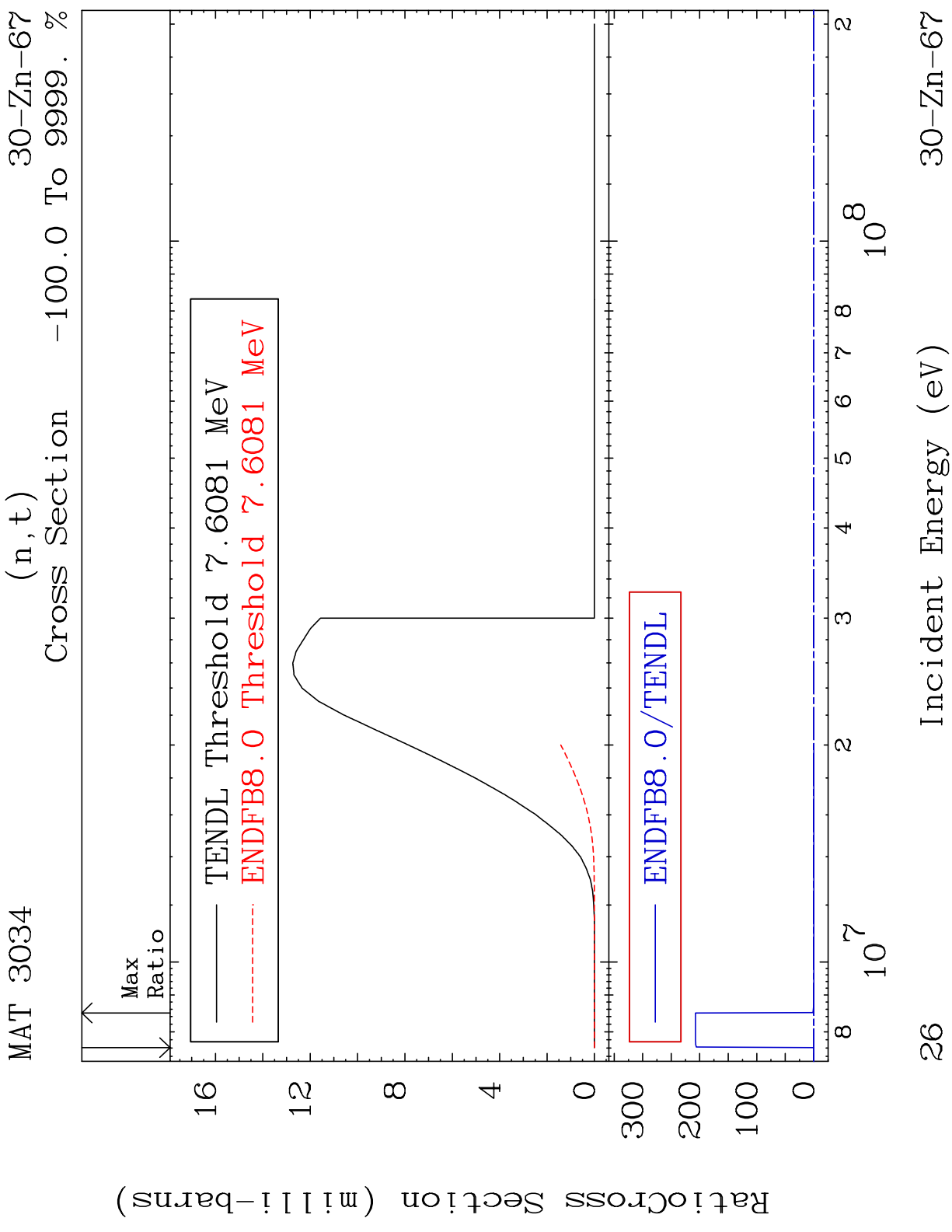


24 Incident Energy (eV) 30-Zn-67

MAT 3034 (n,d) 30-Zn-67
 Cross Section -100.0 To 9999. %



25 Incident Energy (eV) 30-Zn-67

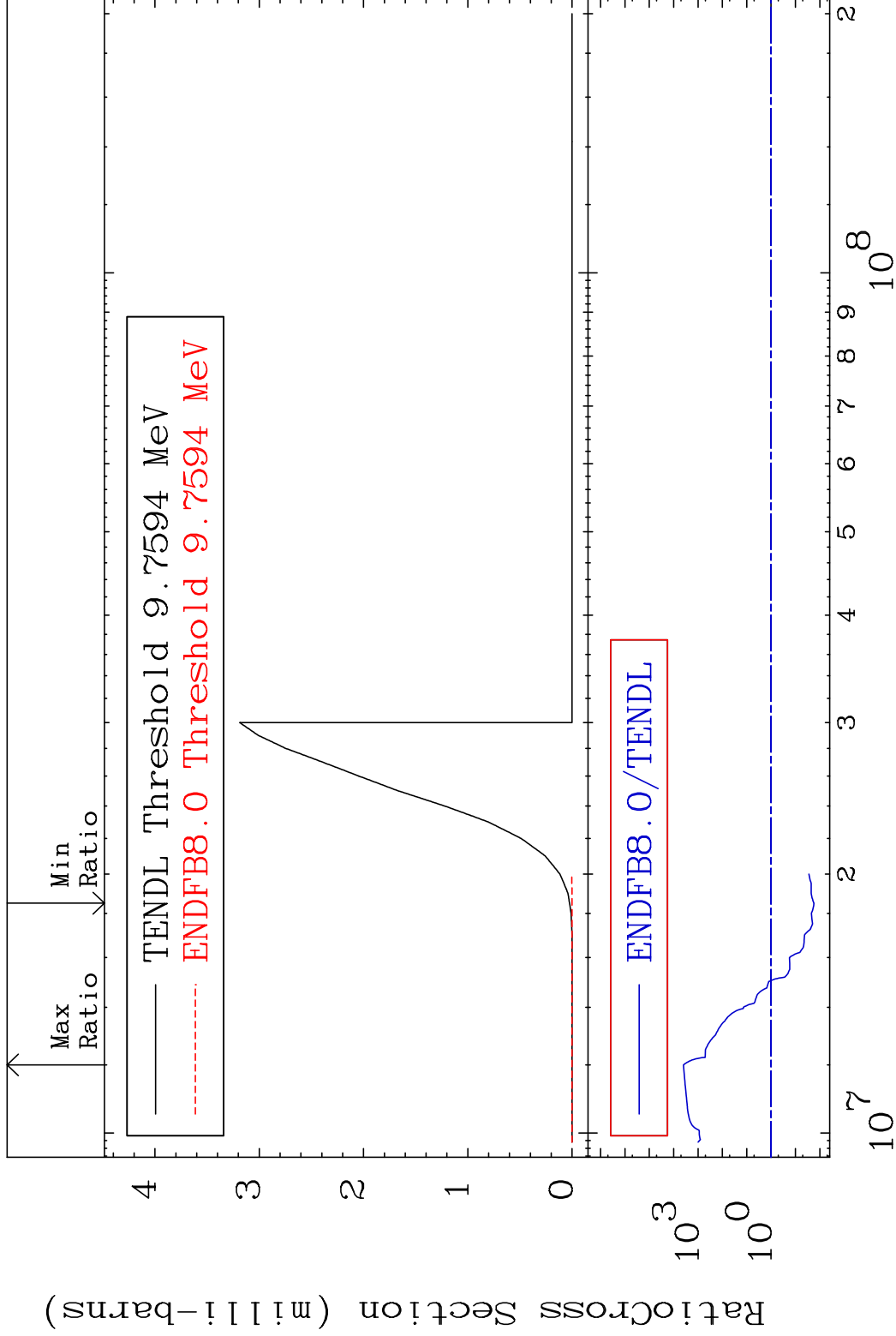


MAT 3034

(n, He-3)

30-Zn-67

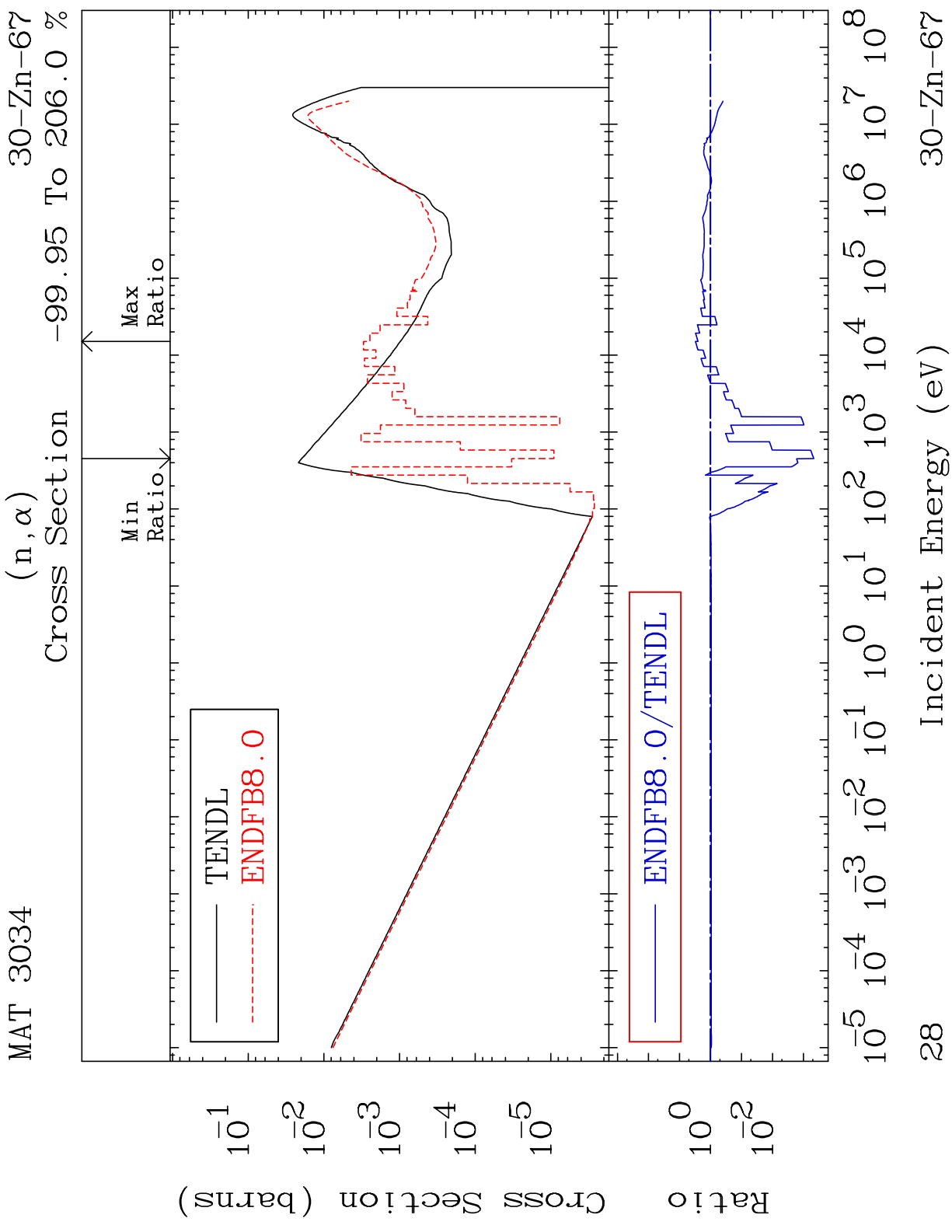
Cross Section -98.25 To 9999. %

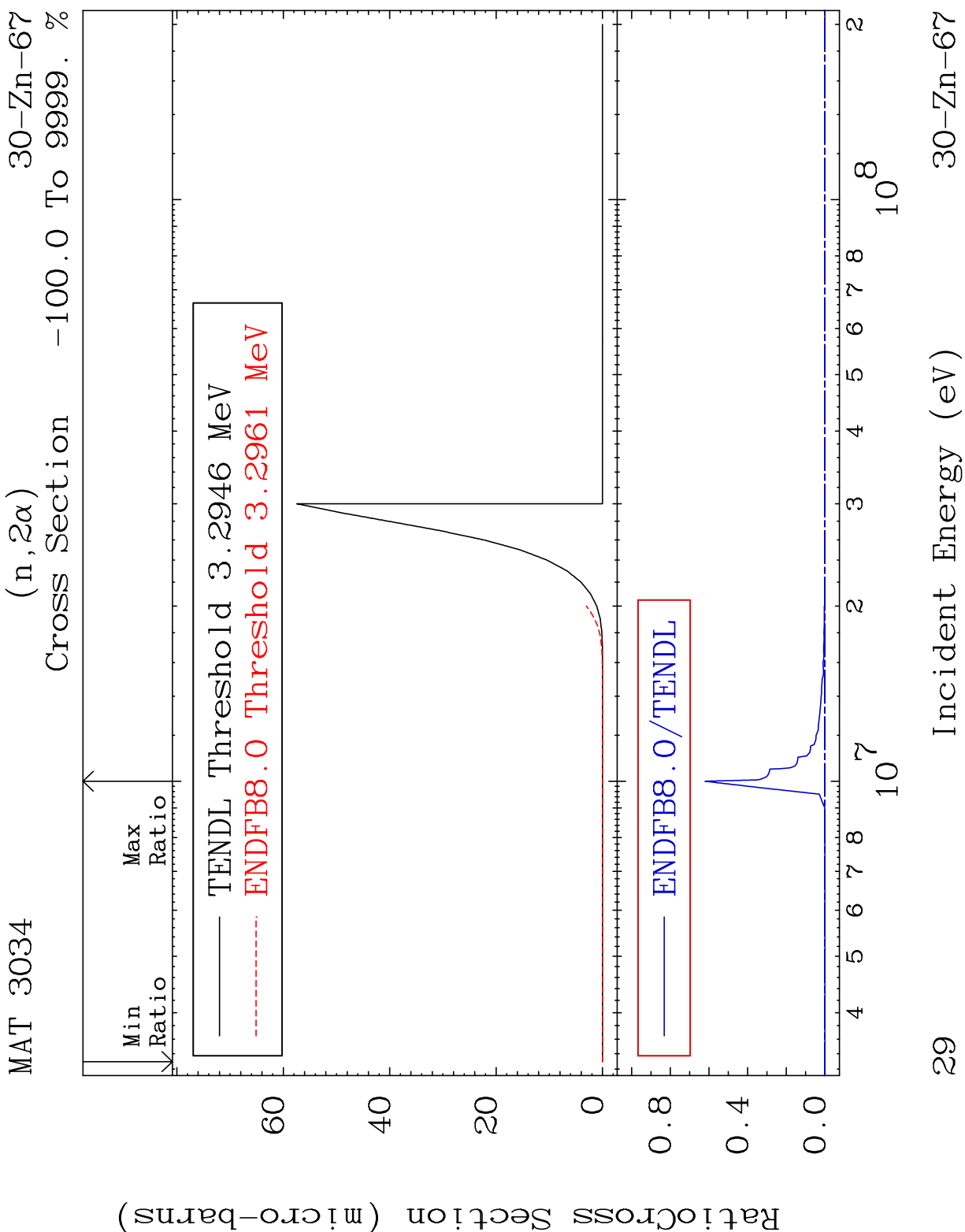


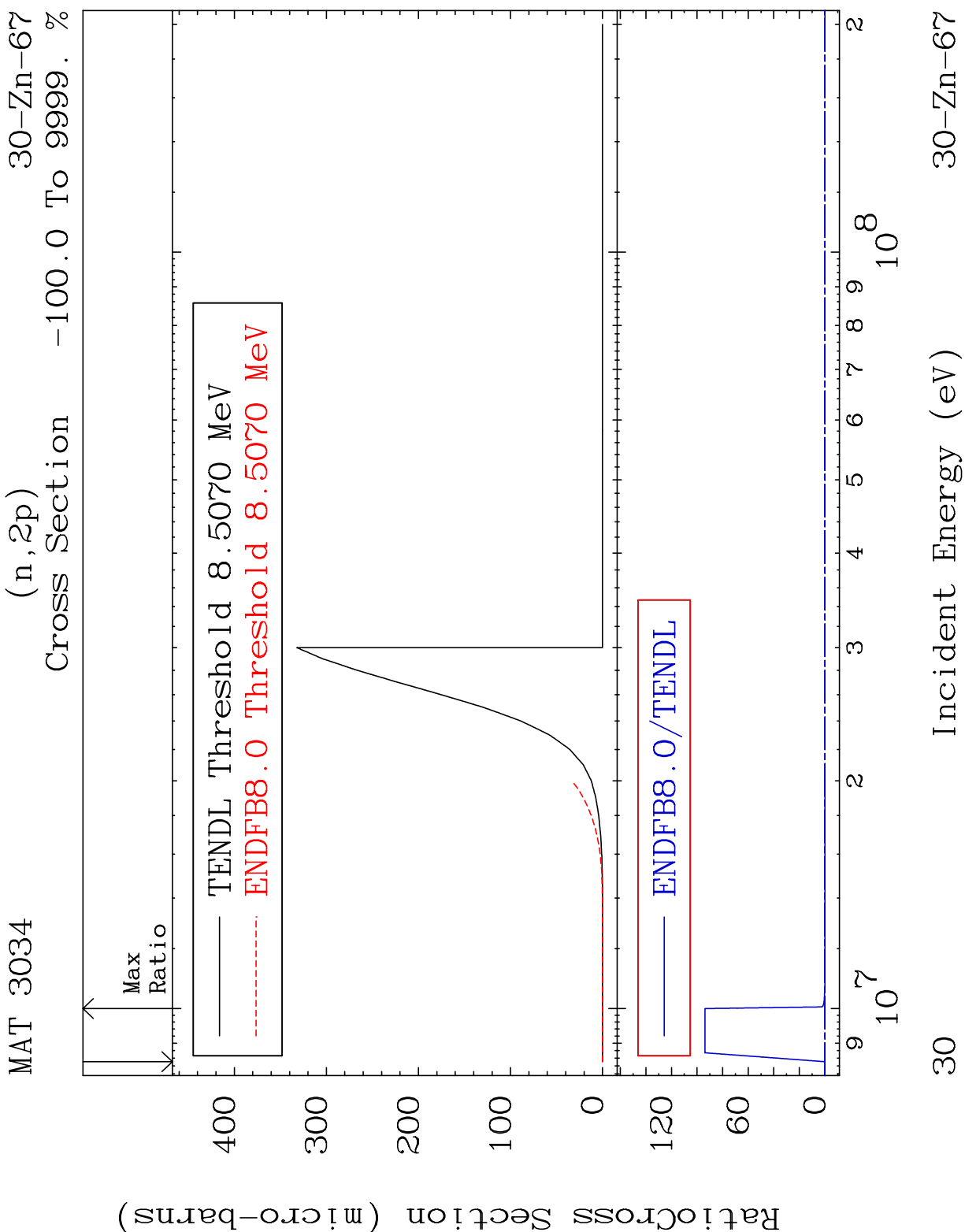
27

Incident Energy (eV)

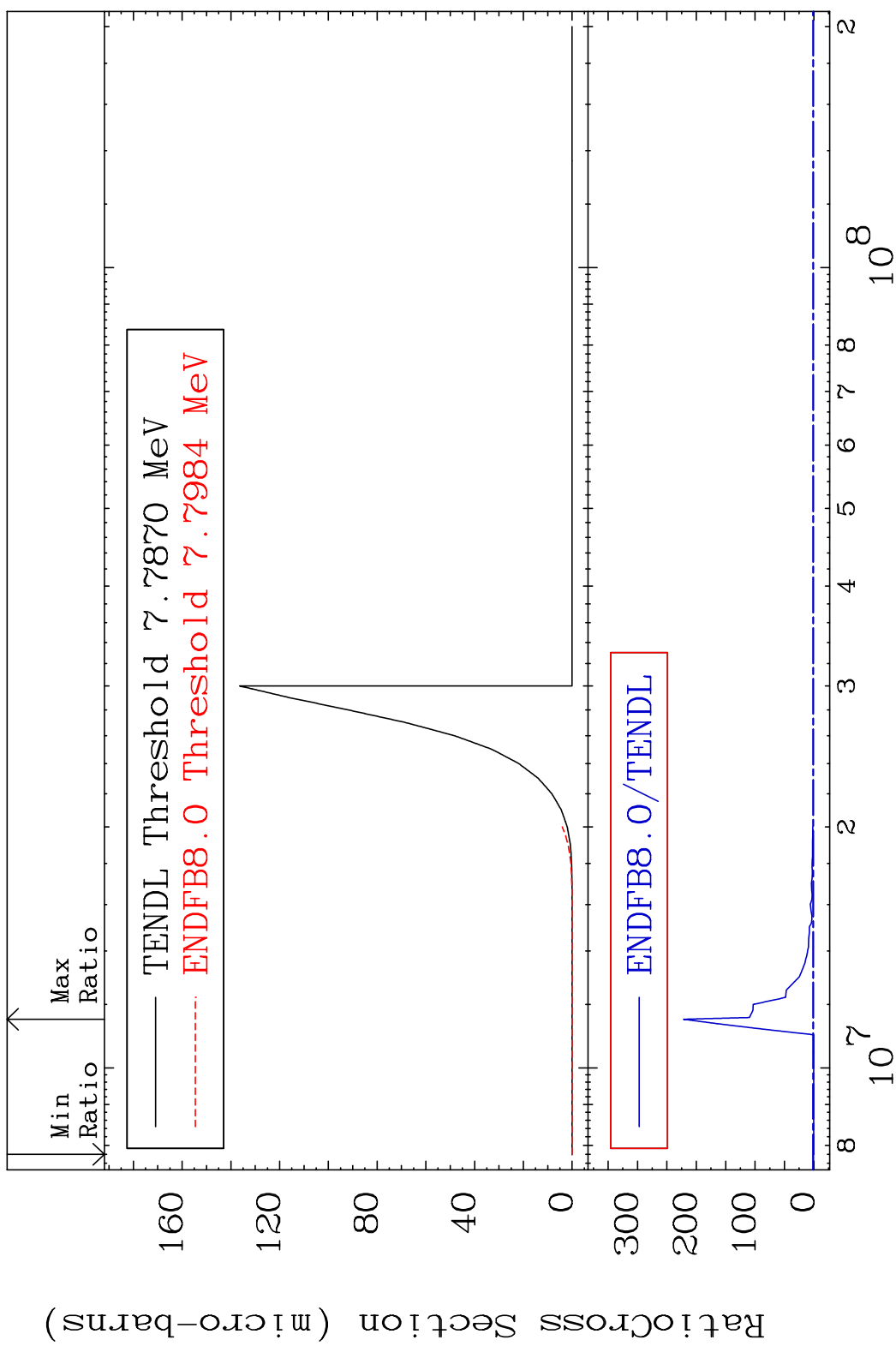
30-Zn-67







MAT 3034 (n,p) α 30-Zn-67
 Cross Section -100.0 To 9999. %



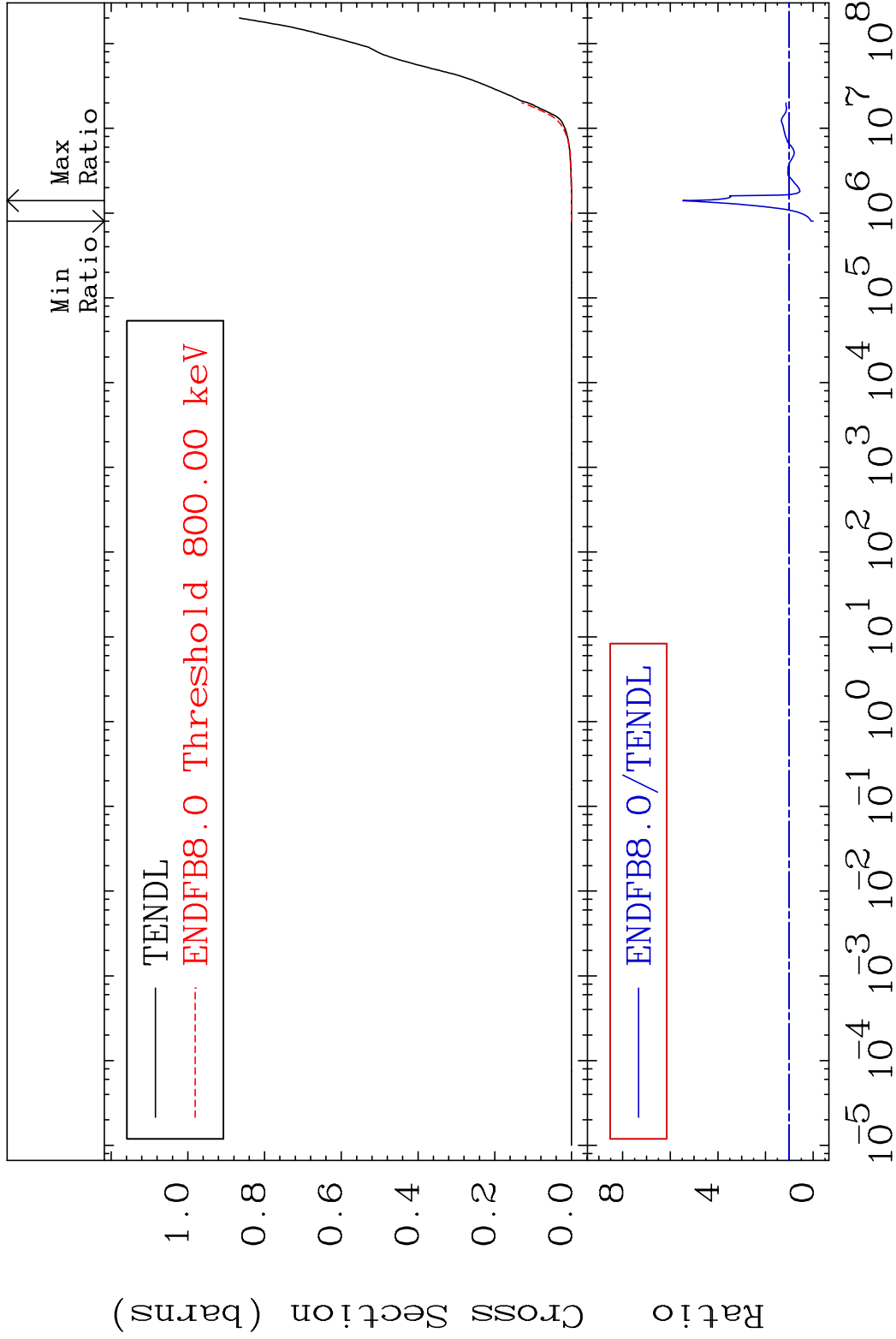
31 30-Zn-67

MAT 3034

Hydrogen Production

30-Zn-67

Cross Section -100.0 To 447.4 %

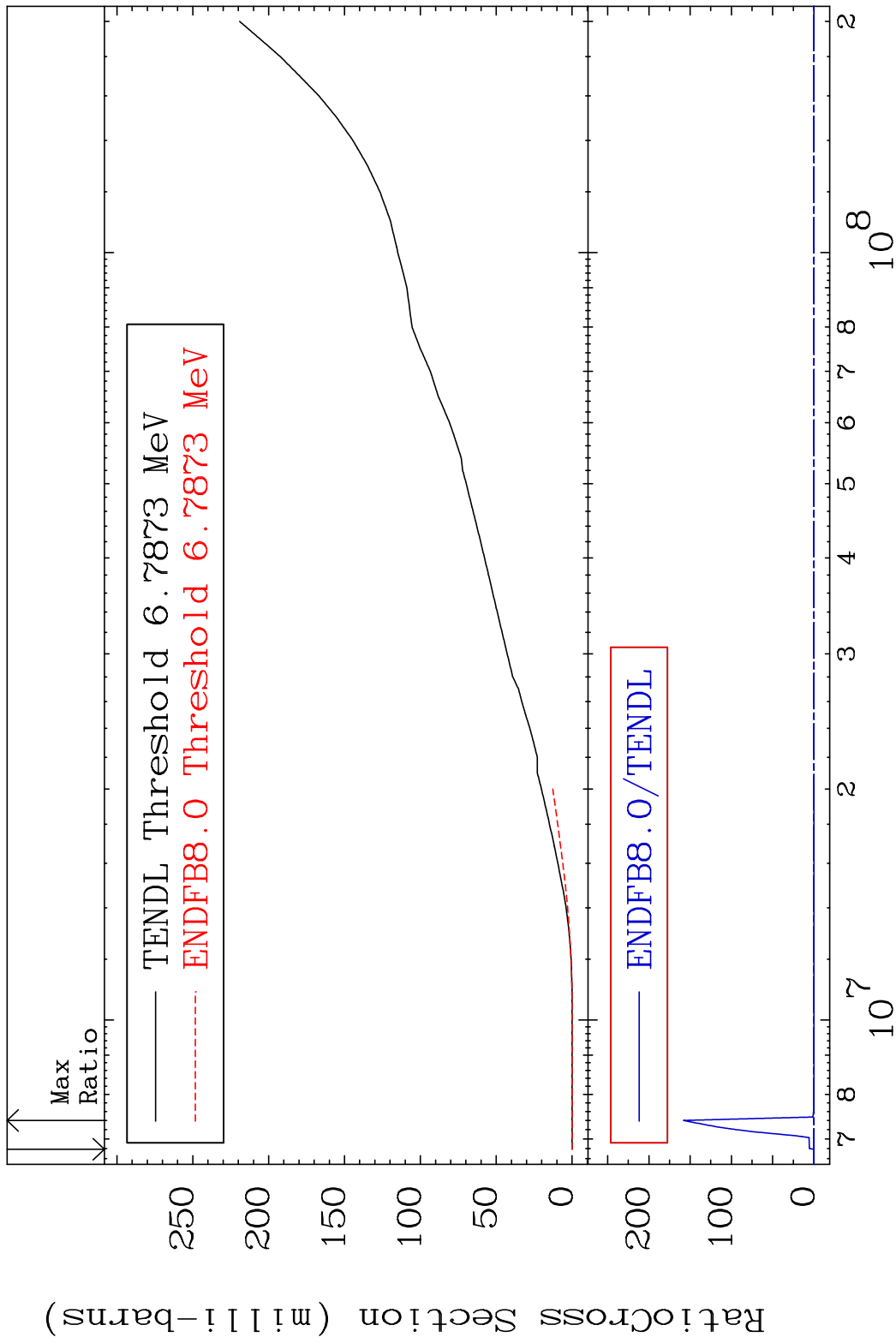


32

Incident Energy (eV)

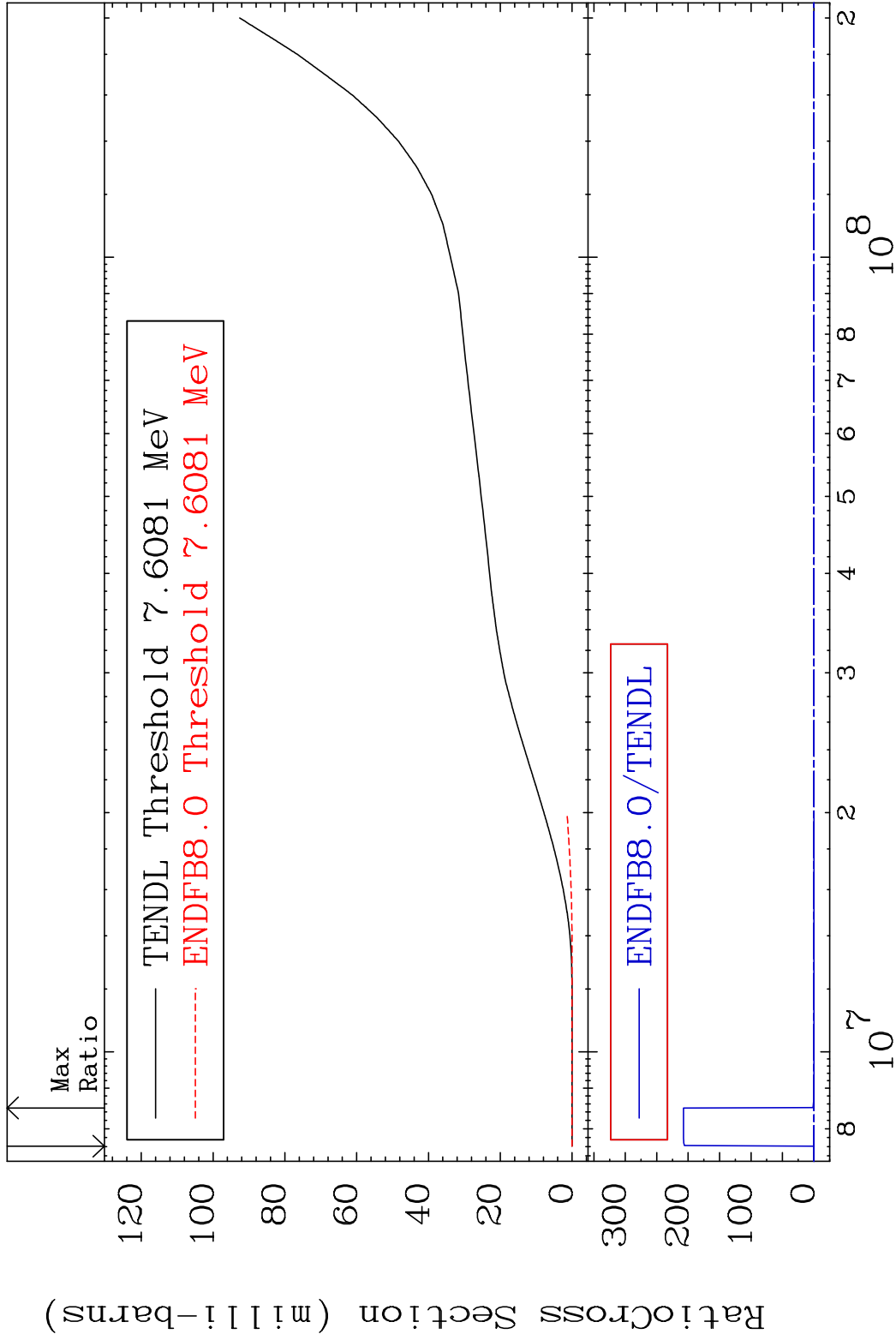
30-Zn-67

MAT 3034 Deuterium Production 30-Zn-67
 Cross Section -100.0 To 9999. %



33 Incident Energy (eV) 30-Zn-67

MAT 3034 Tritium Production 30-Zn-67
 Cross Section -100.0 To 9999. %



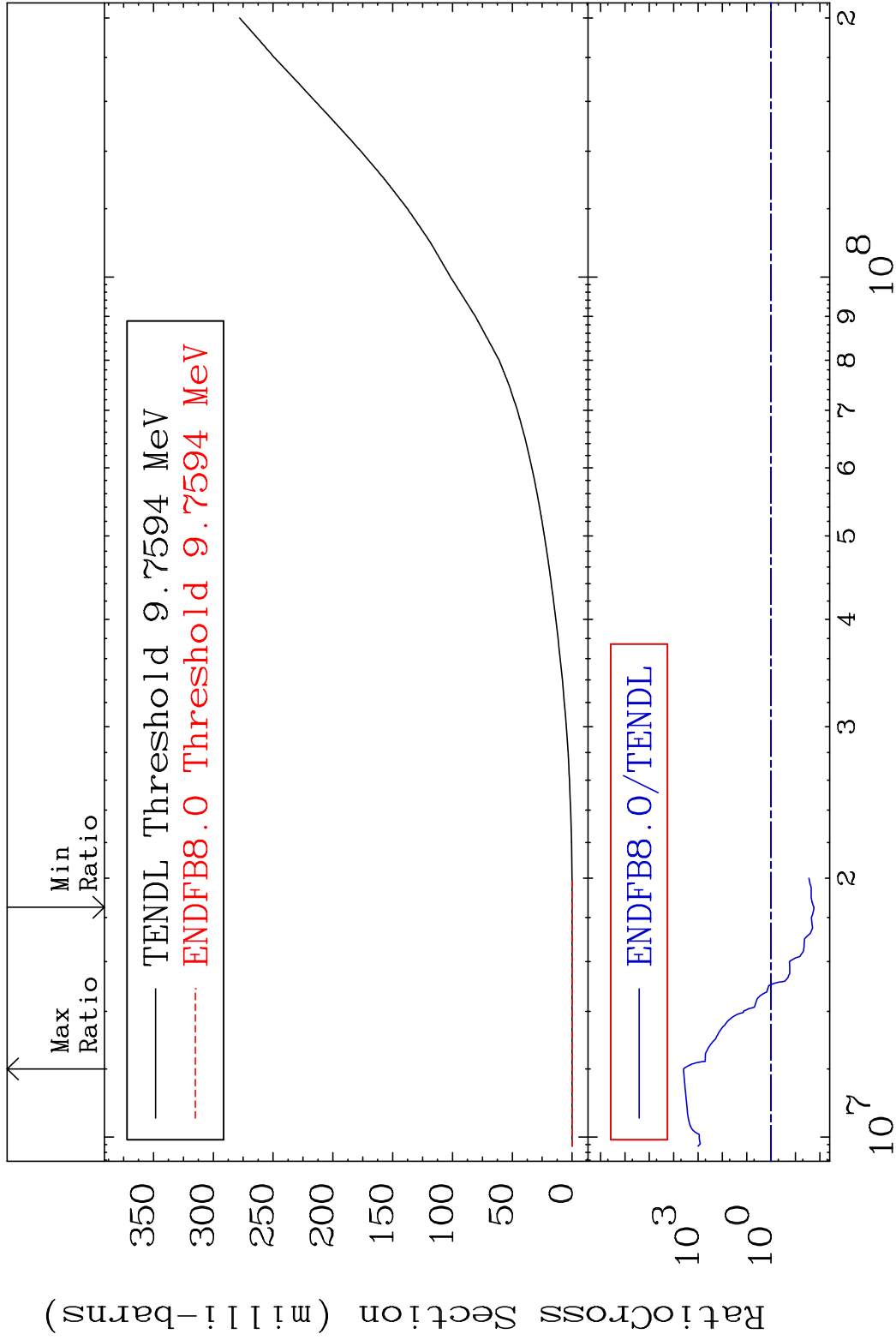
34 Incident Energy (eV) 30-Zn-67

MAT 3034

He-3 Production

30-Zn-67

Cross Section -98.25 To 9999. %

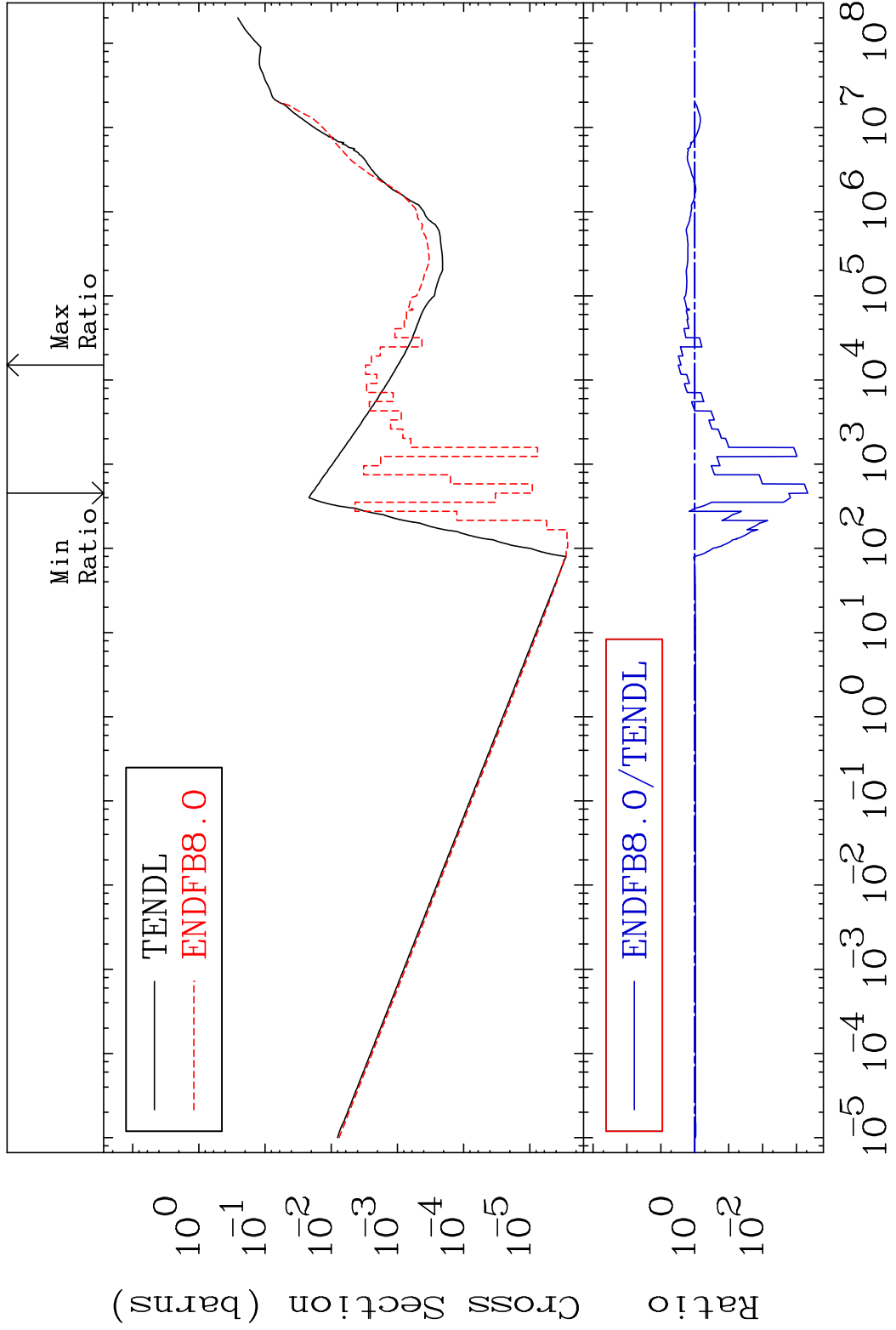


35

Incident Energy (eV)

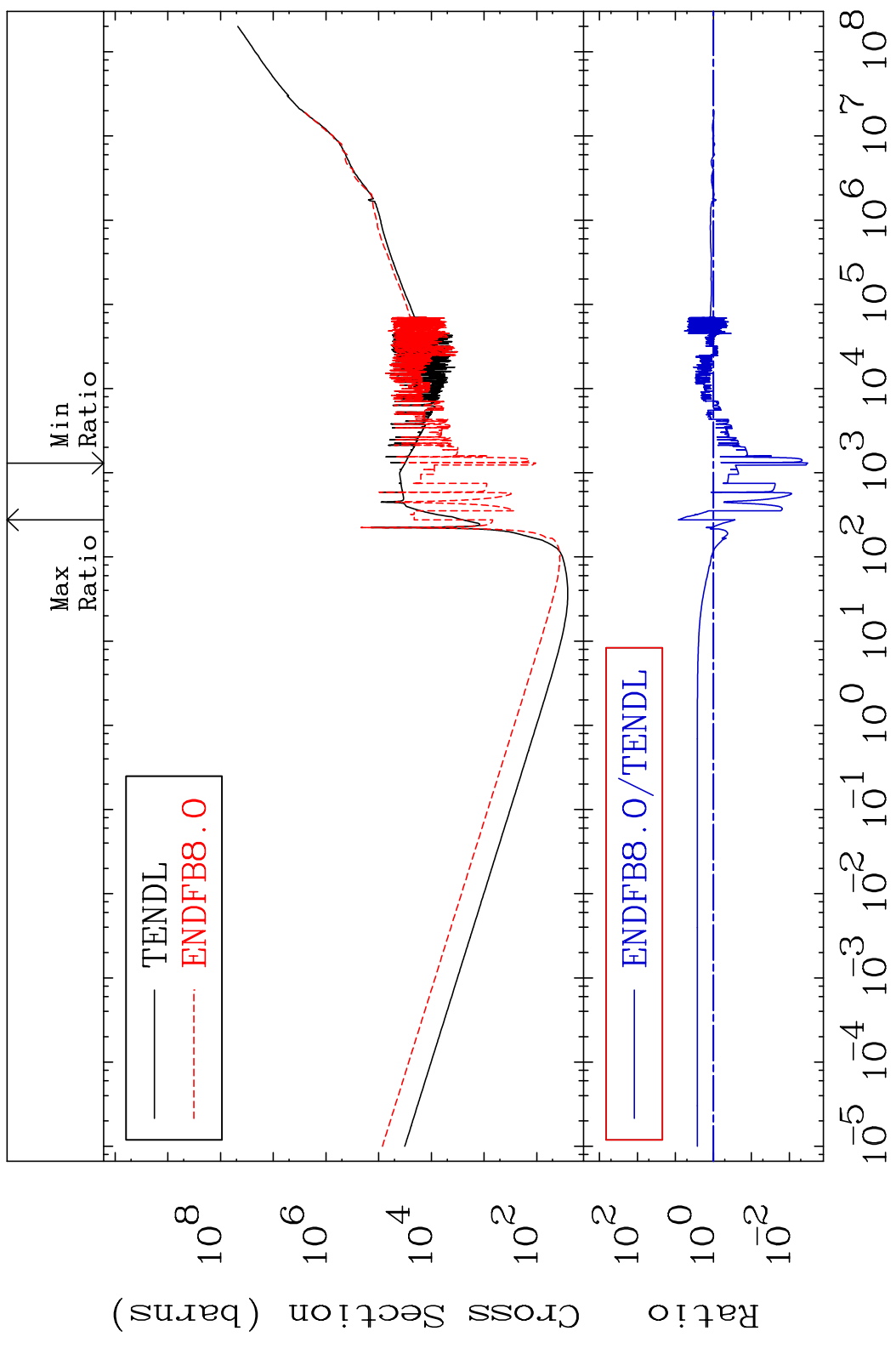
30-Zn-67

MAT 3034 He-4 Production Cross Section -99.95 To 206.0 % 30-Zn-67



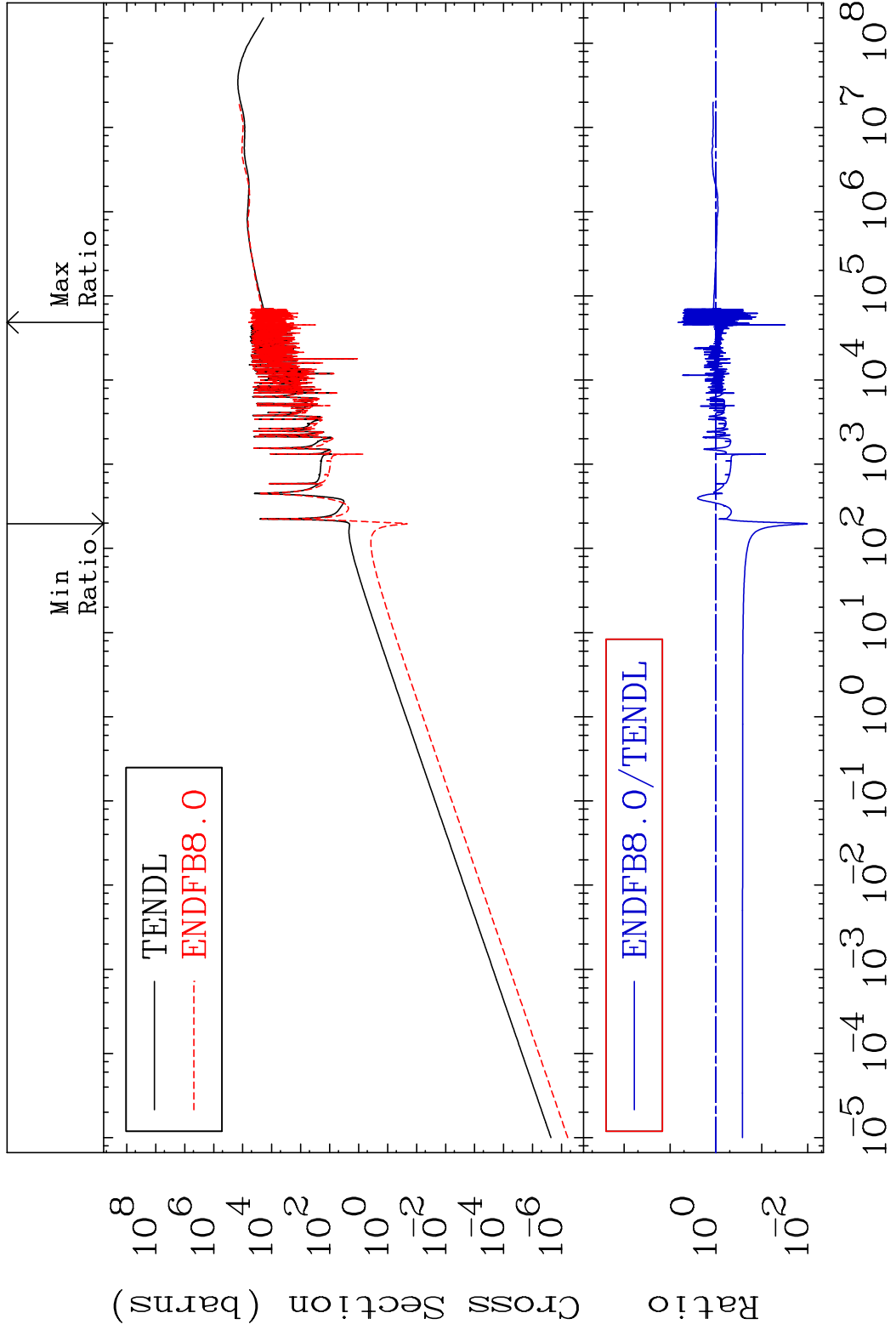
36 Incident Energy (eV) 30-Zn-67

MAT 3034 Kerma total (eV-barns) 30-Zn-67
 Cross Section -99.67 To 742.3 %



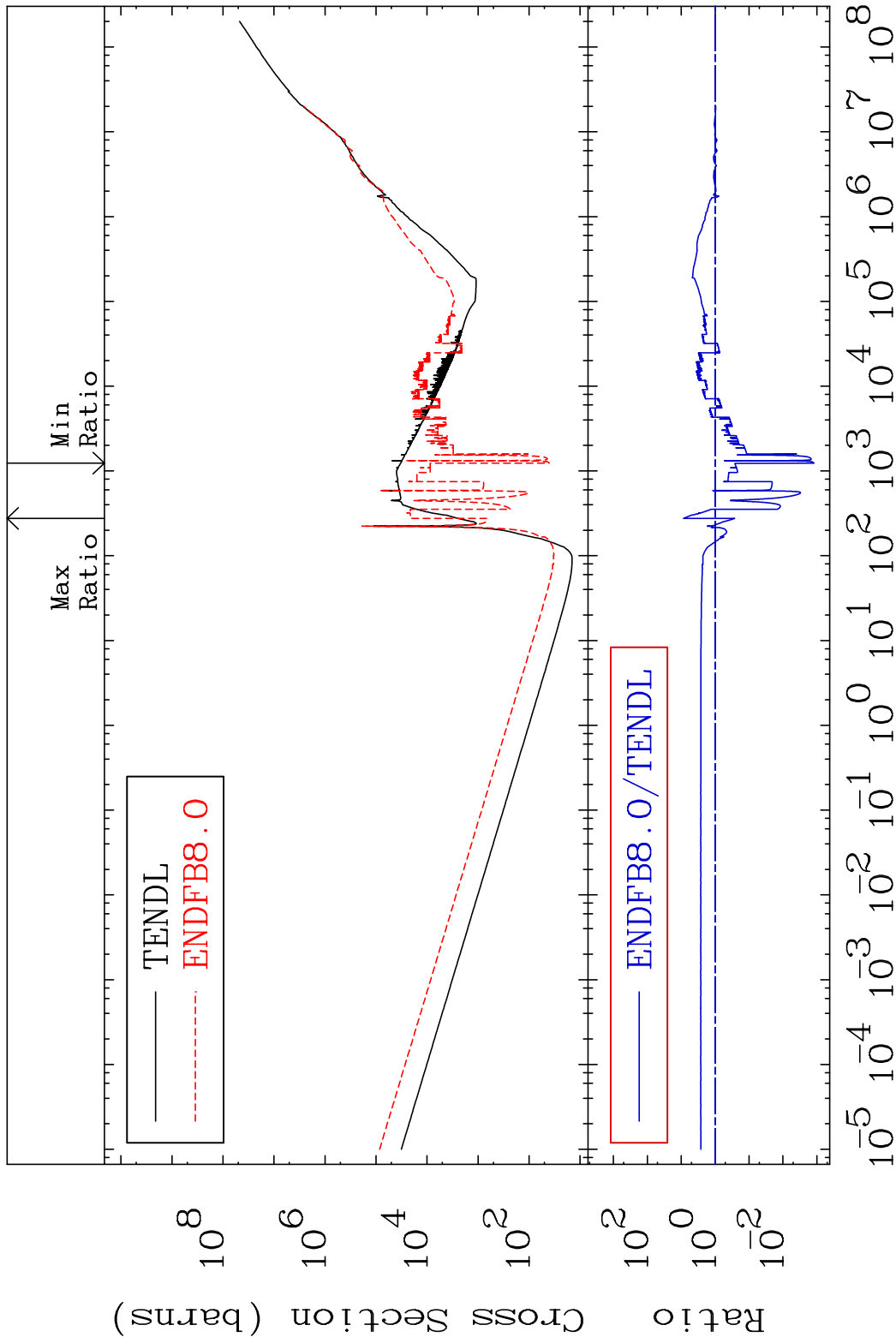
37 Incident Energy (eV) 30-Zn-67

MAT 3034 Kerma elastic 30-Zn-67
 Cross Section -99.00 To 562.3 %



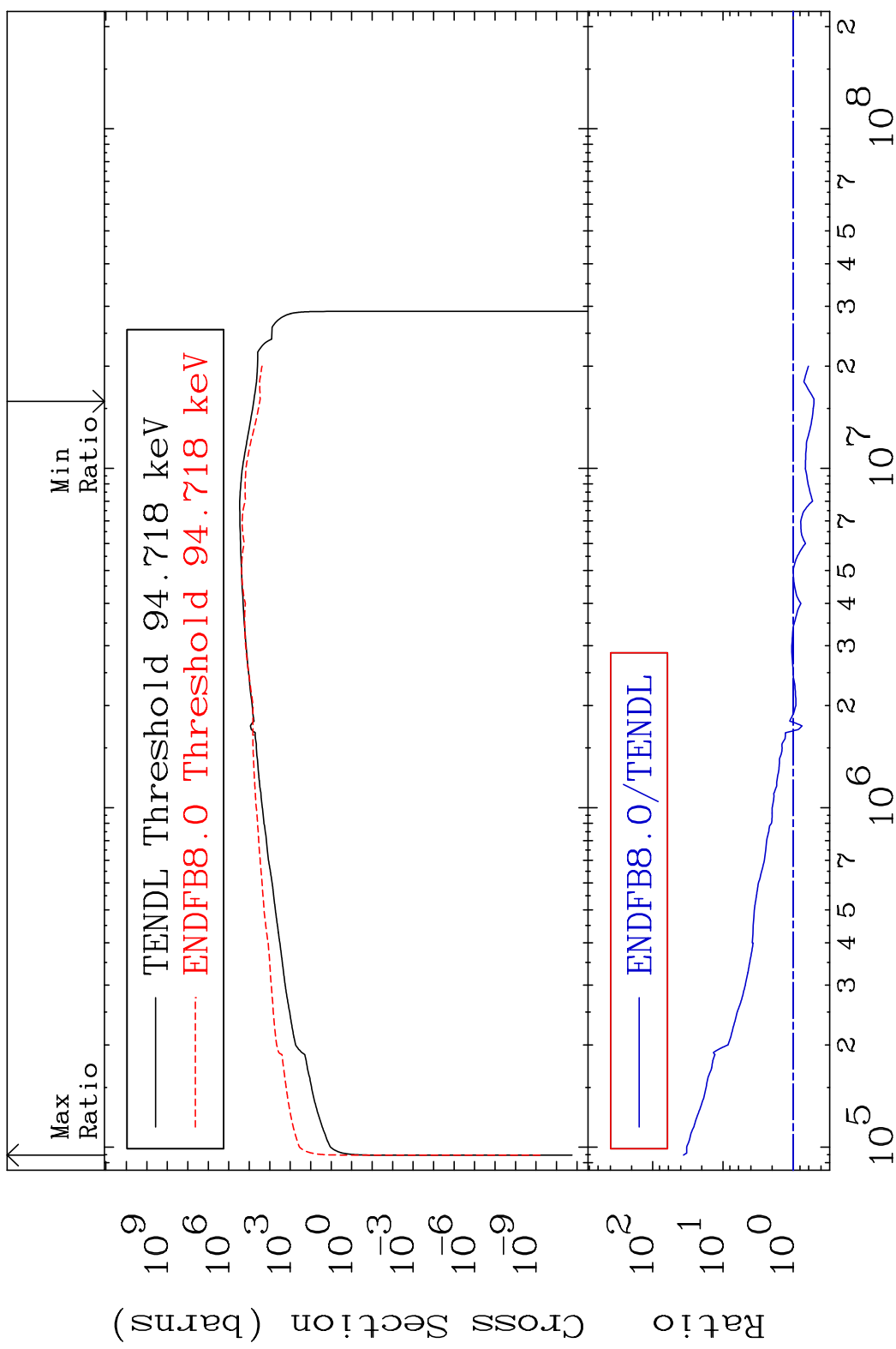
38 Incident Energy (eV) 30-Zn-67

MAT 3034 Kerma non-elastic (all but mt2) 30-Zn-67
 Cross Section -99.88 To 759.7 %



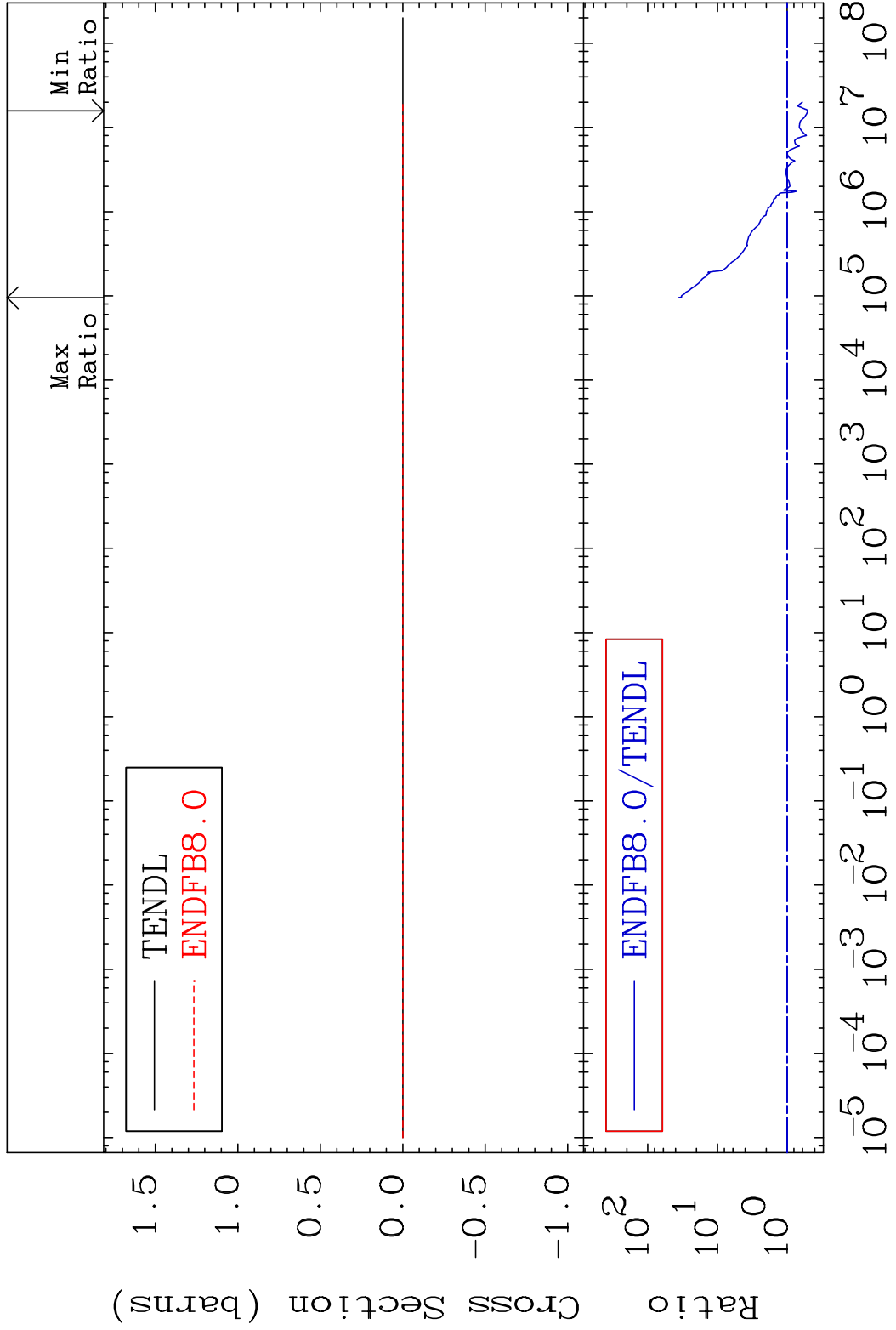
39 Incident Energy (eV) 30-Zn-67

MAT 3034 Kerma inelastic (mt51-91) 30-Zn-67
 Cross Section -49.29 To 3553. %

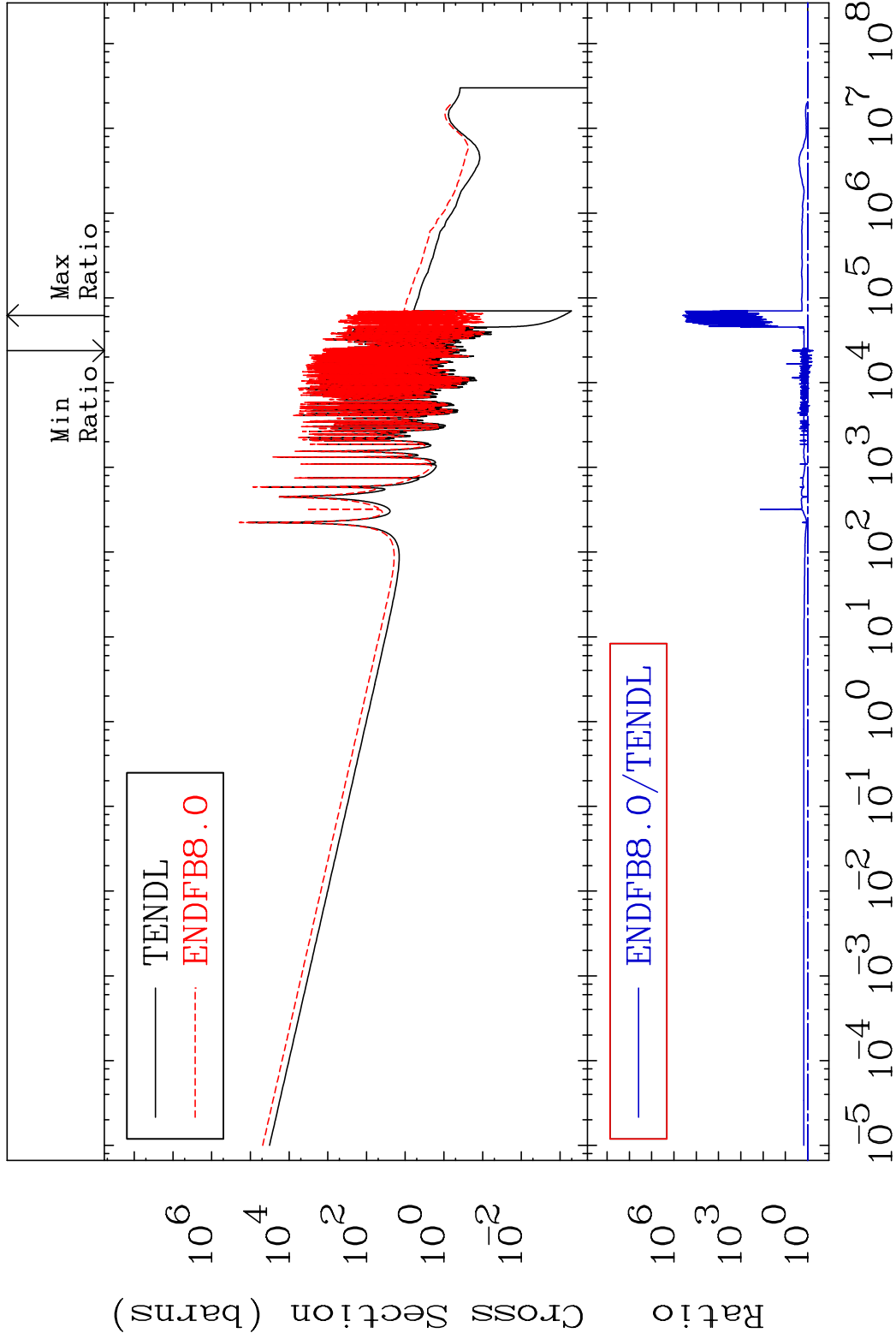


40 Incident Energy (eV) 30-Zn-67

MAT 3034 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-67
 Cross Section -49.29 To 3553. %

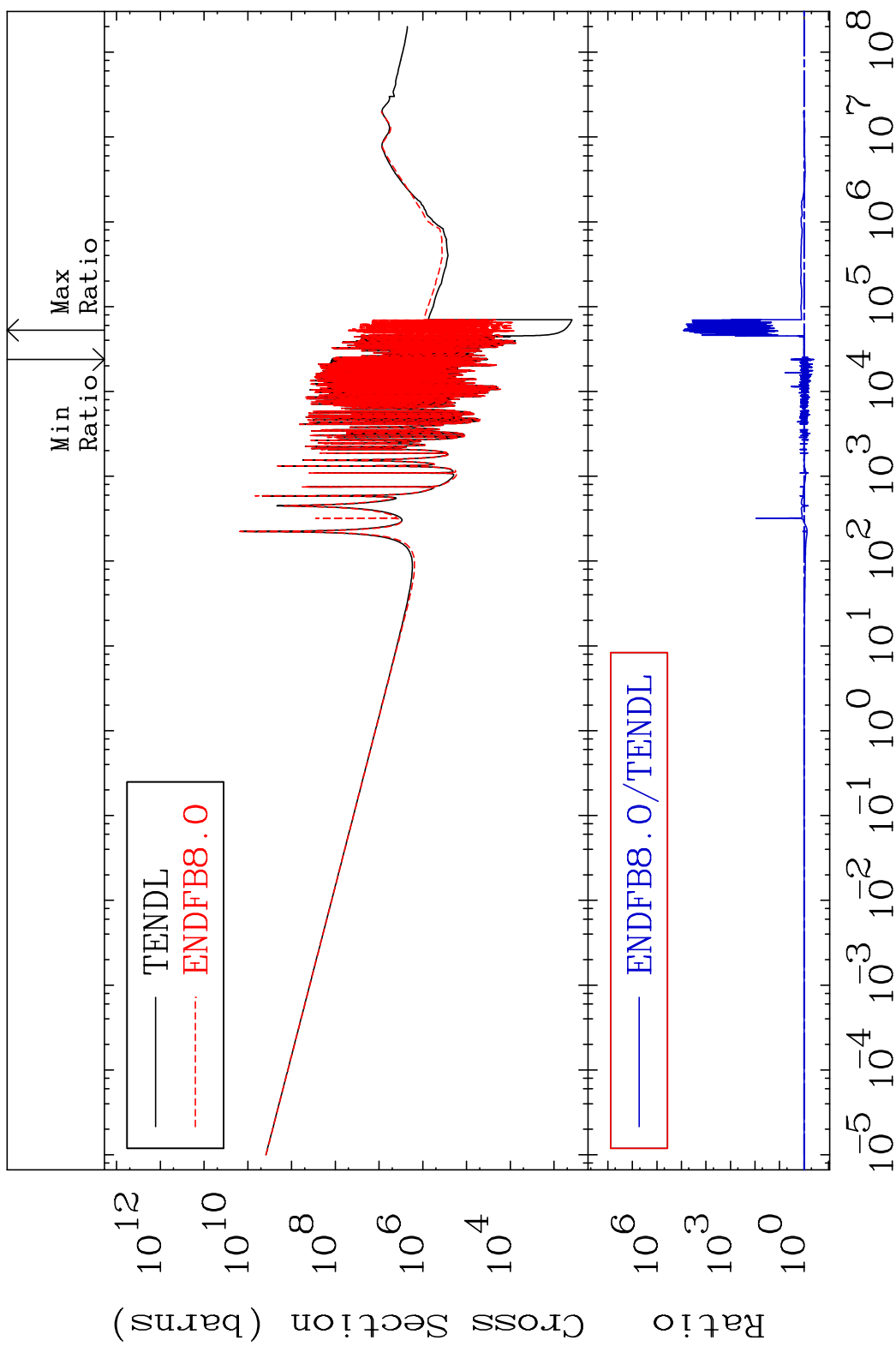


MAT 3034 Kerma capture (mt102) 30-Zn-67
 Cross Section -42.69 To 9999. %



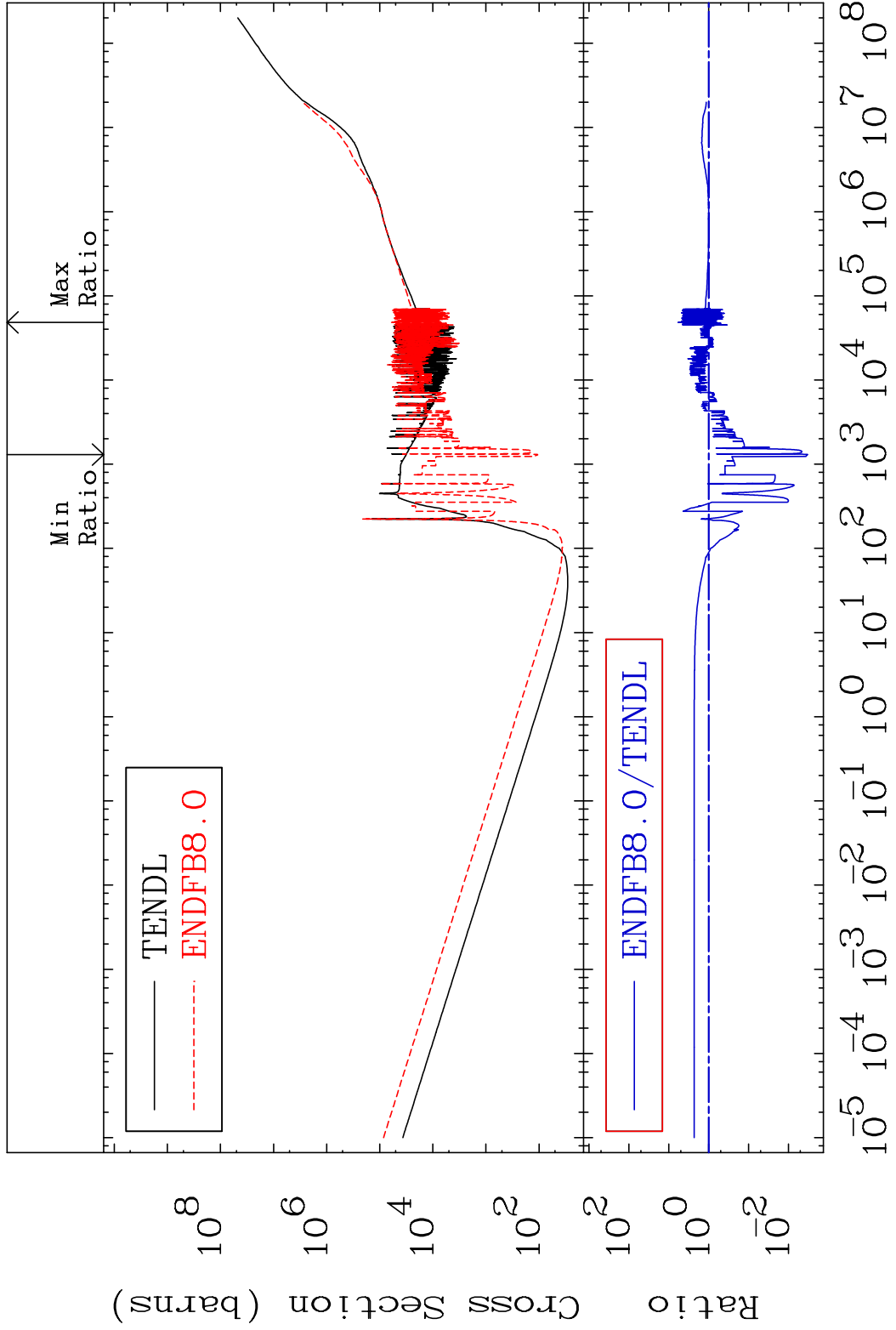
42 Incident Energy (eV) 30-Zn-67

MAT 3034 Total photon (eV-barns) 30-Zn-67
 Cross Section -60.46 To 9999. %

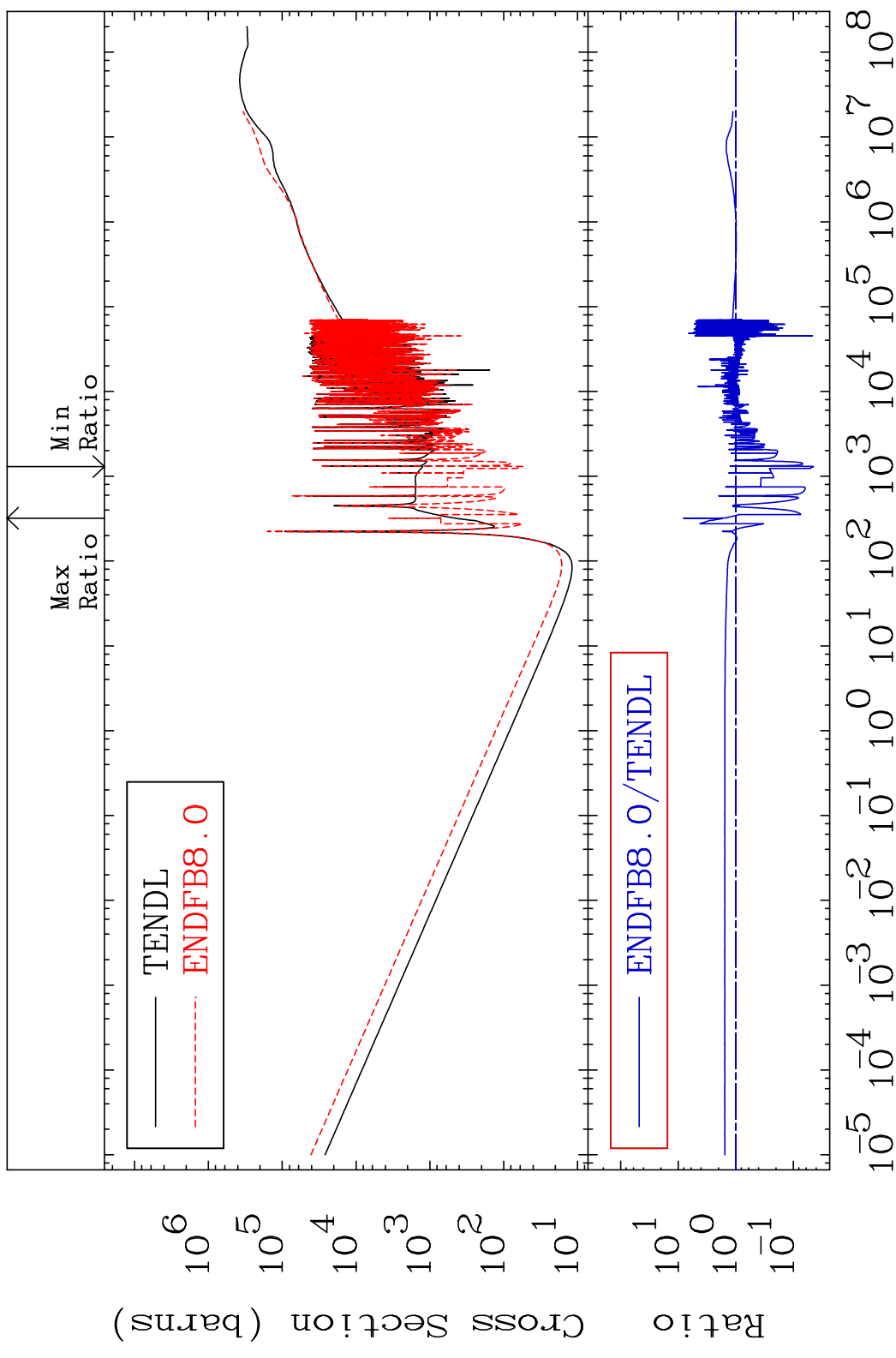


43 Incident Energy (eV) 30-Zn-67

MAT 3034 Total kinematic kerma (high limit) 30-Zn-67
 Cross Section -99.67 To 478.1 %



MAT 3034 Dpa total (eV-barns) 30-Zn-67
 Cross Section -95.60 To 709.5 %



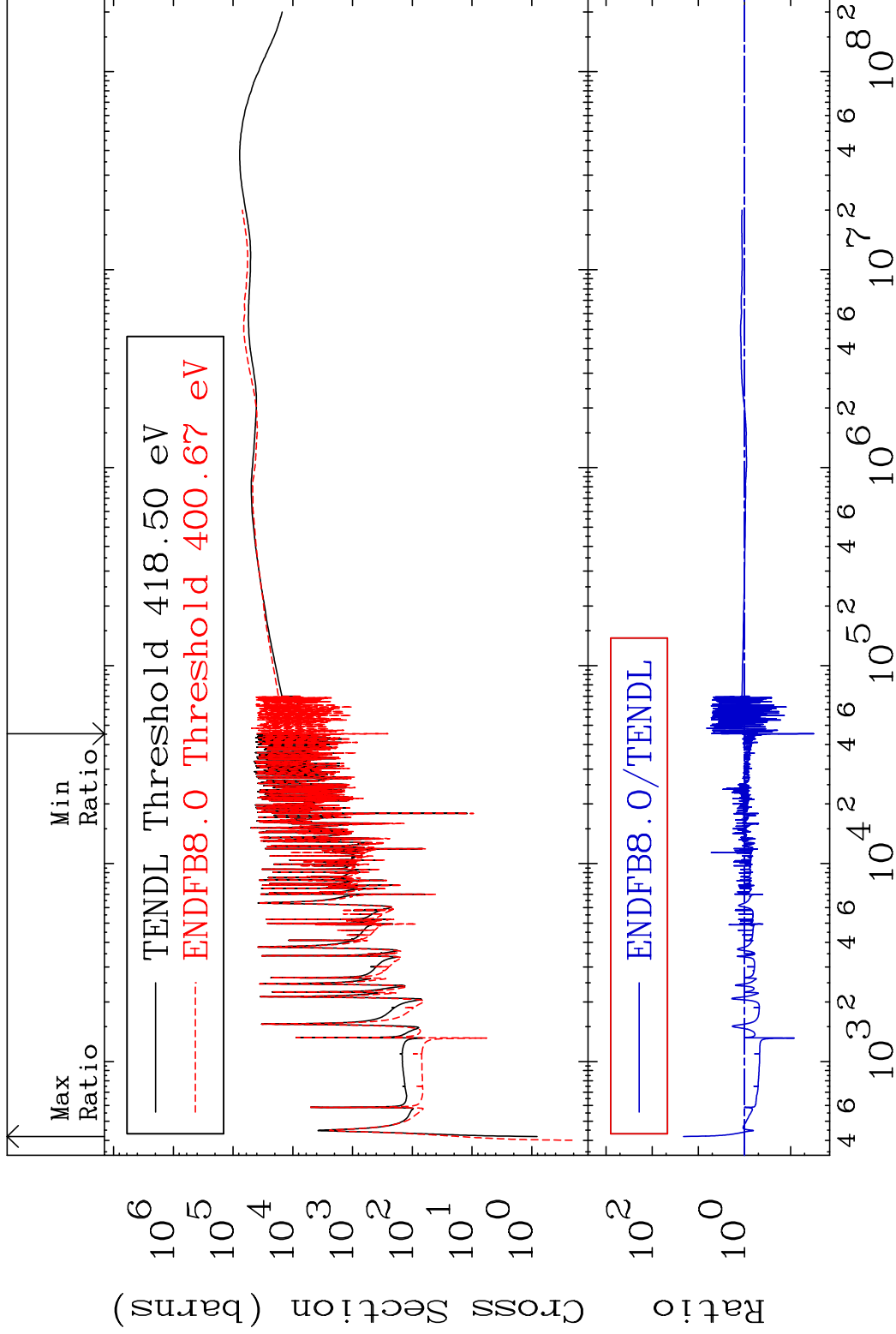
45 Incident Energy (eV) 30-Zn-67

MAT 3034

Dpa elastic (mt2)

30-Zn-67

Cross Section -96.87 To 2006. %

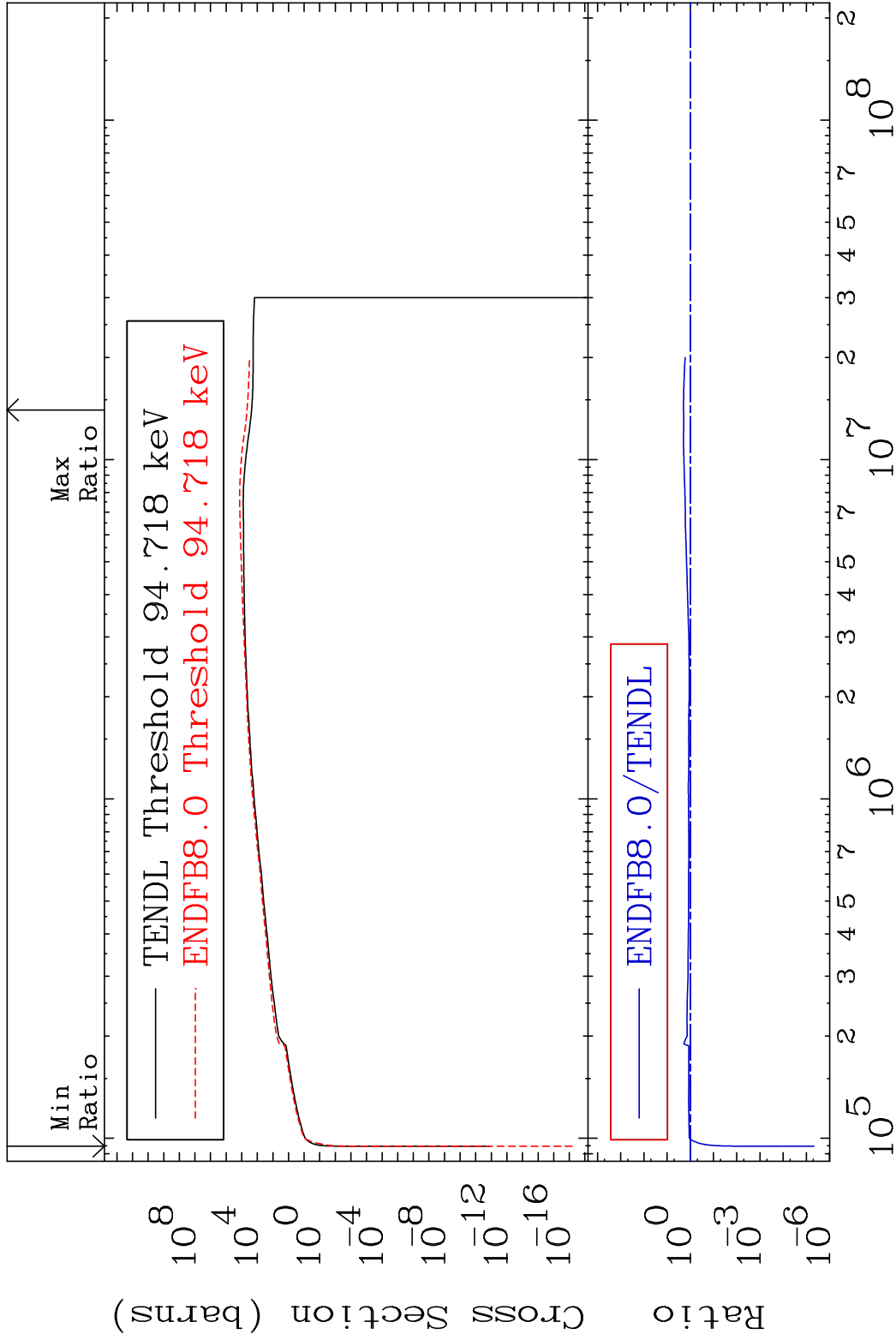


46

Incident Energy (eV)

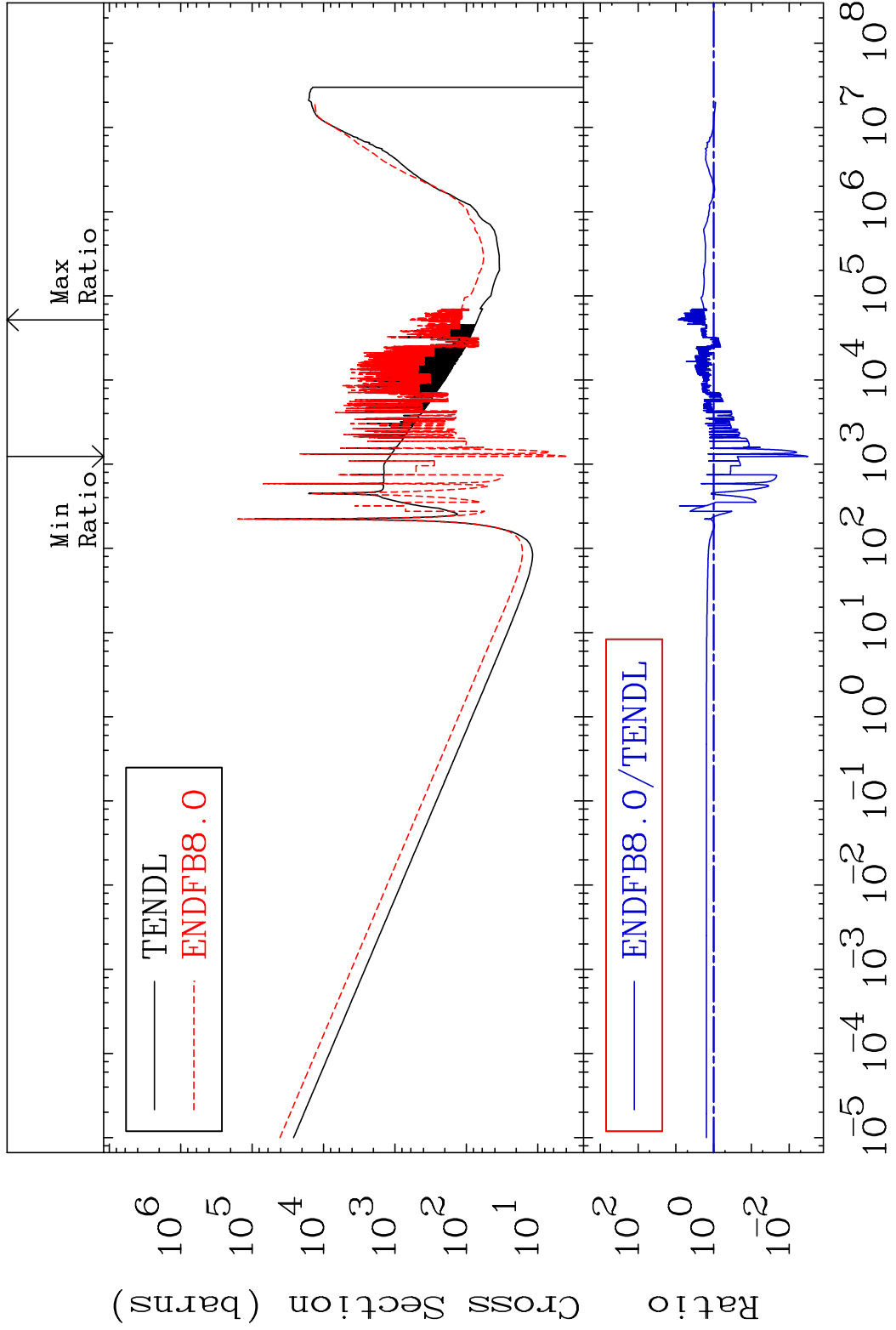
30-Zn-67

MAT 3034 Dpa inelastic (mt51-91) 30-Zn-67
 Cross Section -100.0 To 97.88 %



47 Incident Energy (eV) 30-Zn-67

MAT 3034 Dpa disappearance (mt102 -120) 30-Zn-67
 Cross Section -99.68 To 765.4 %



48 Incident Energy (eV) 30-Zn-67