

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

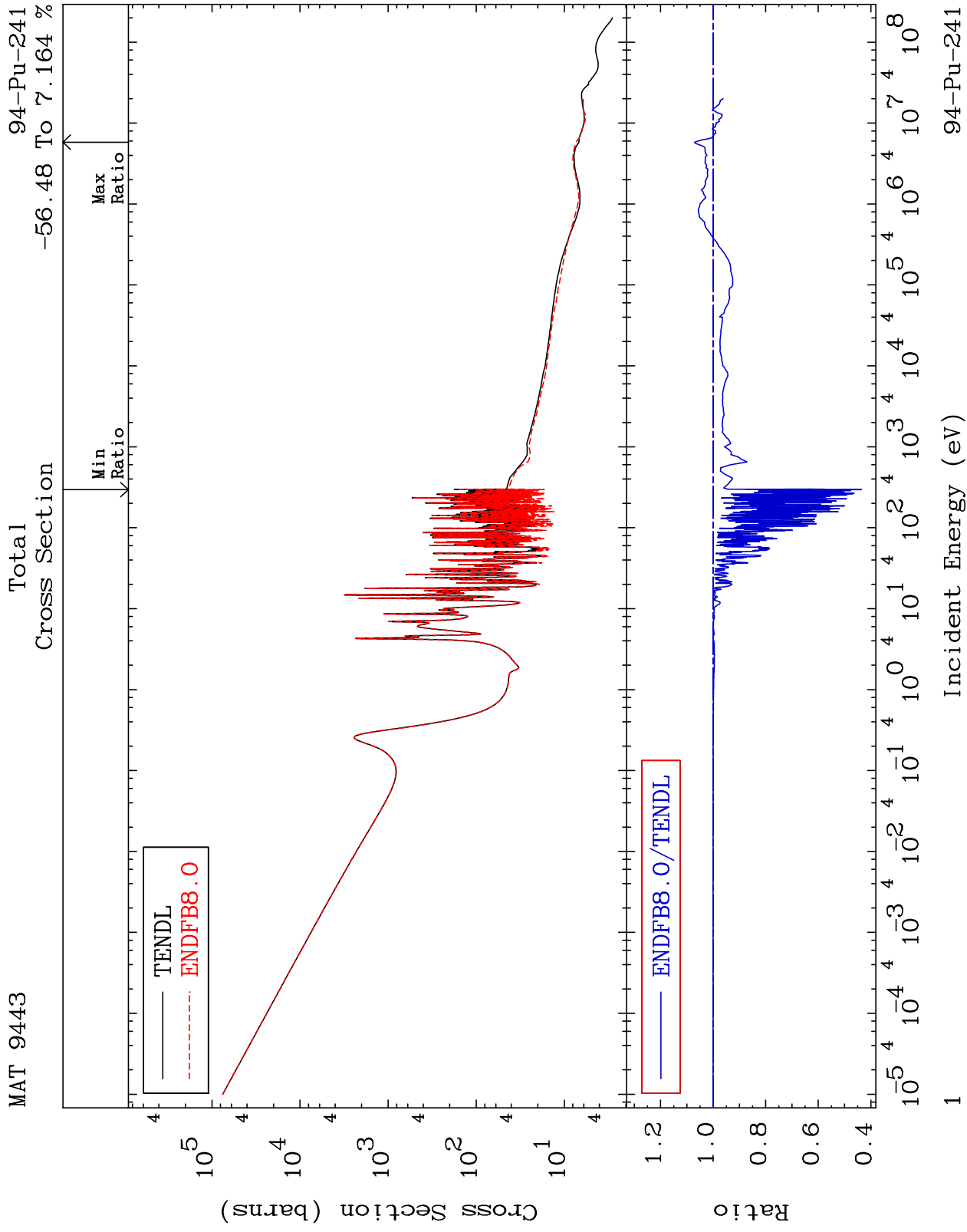
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

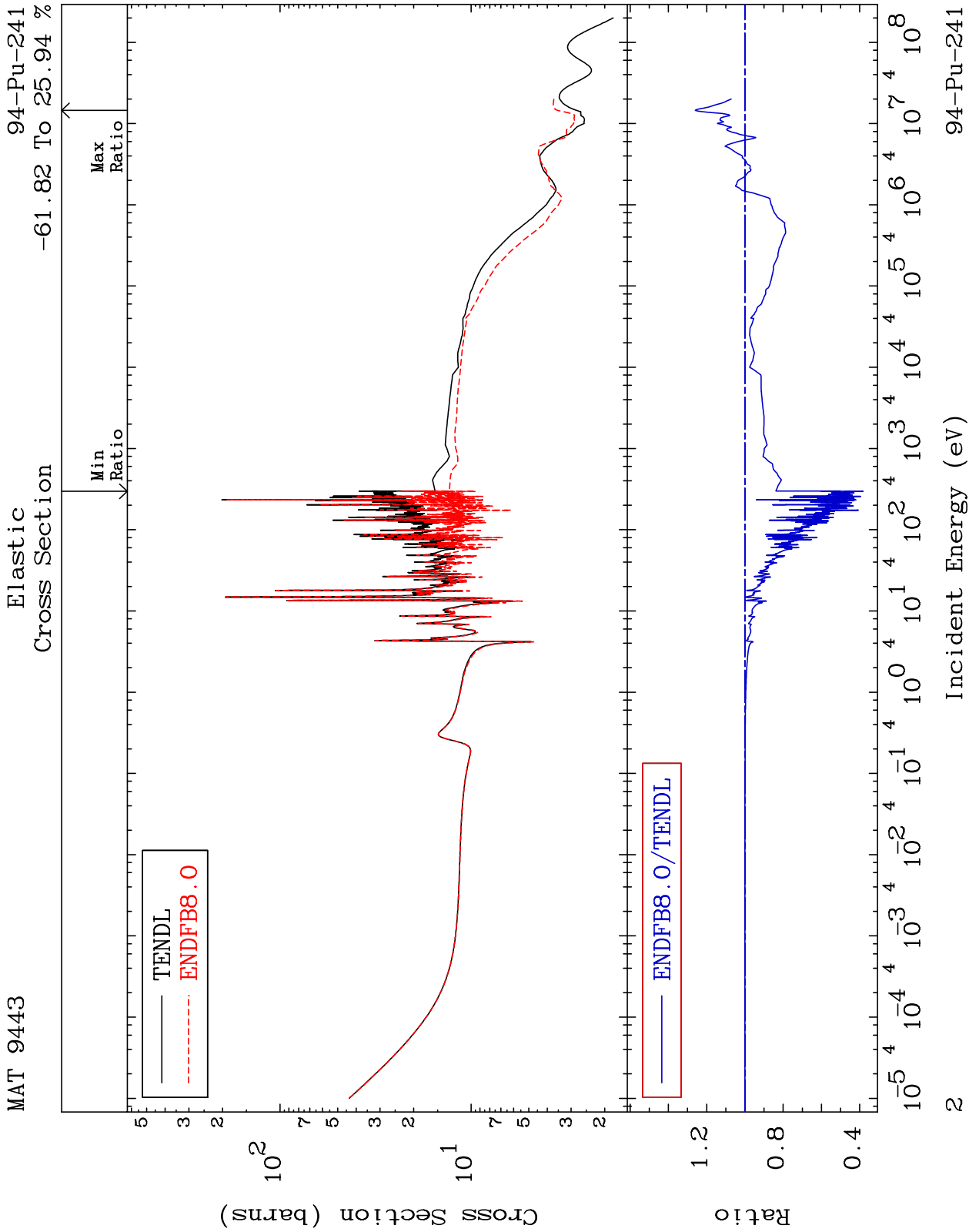
U.S.A.

Tele: 925-443-1911

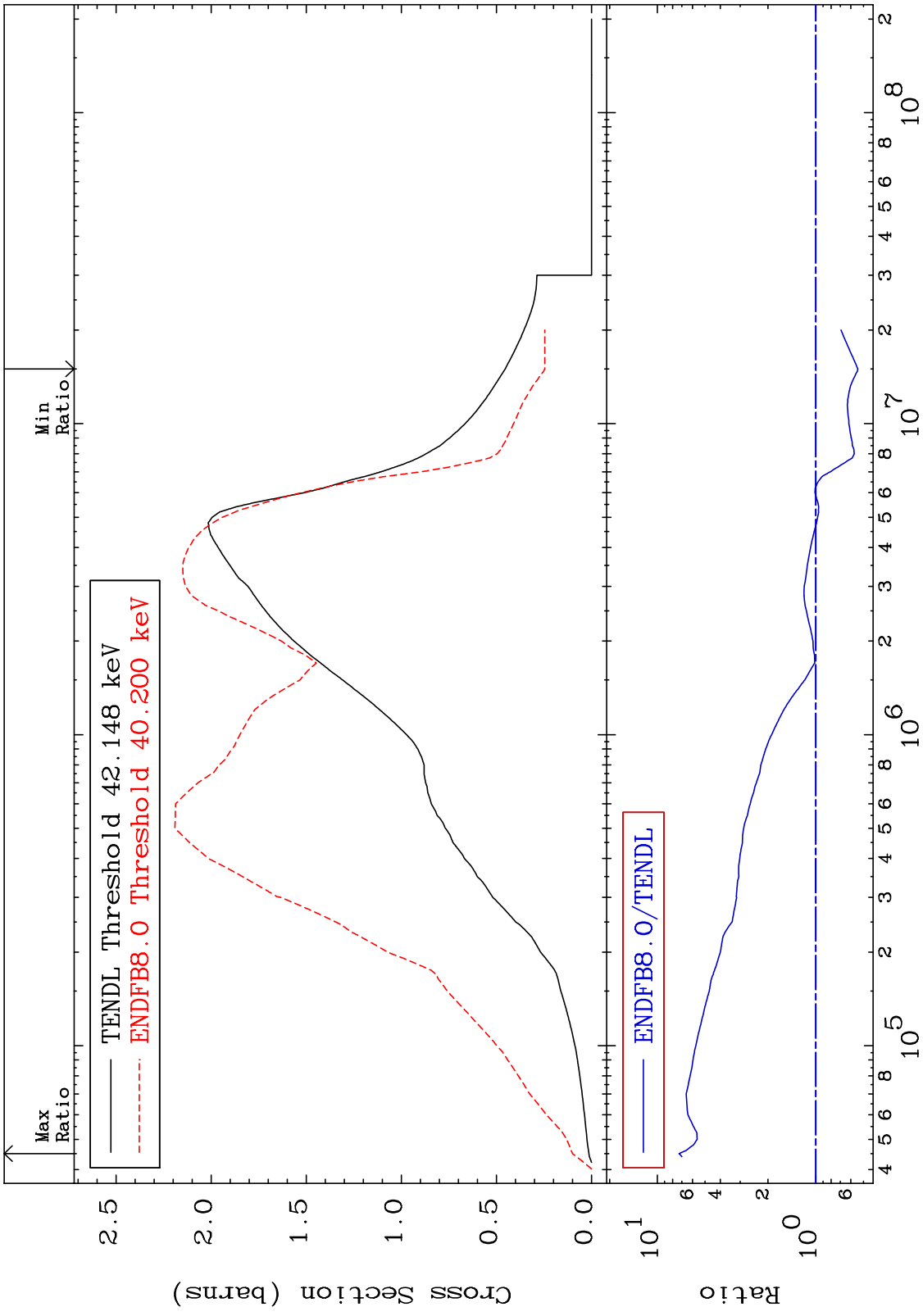
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

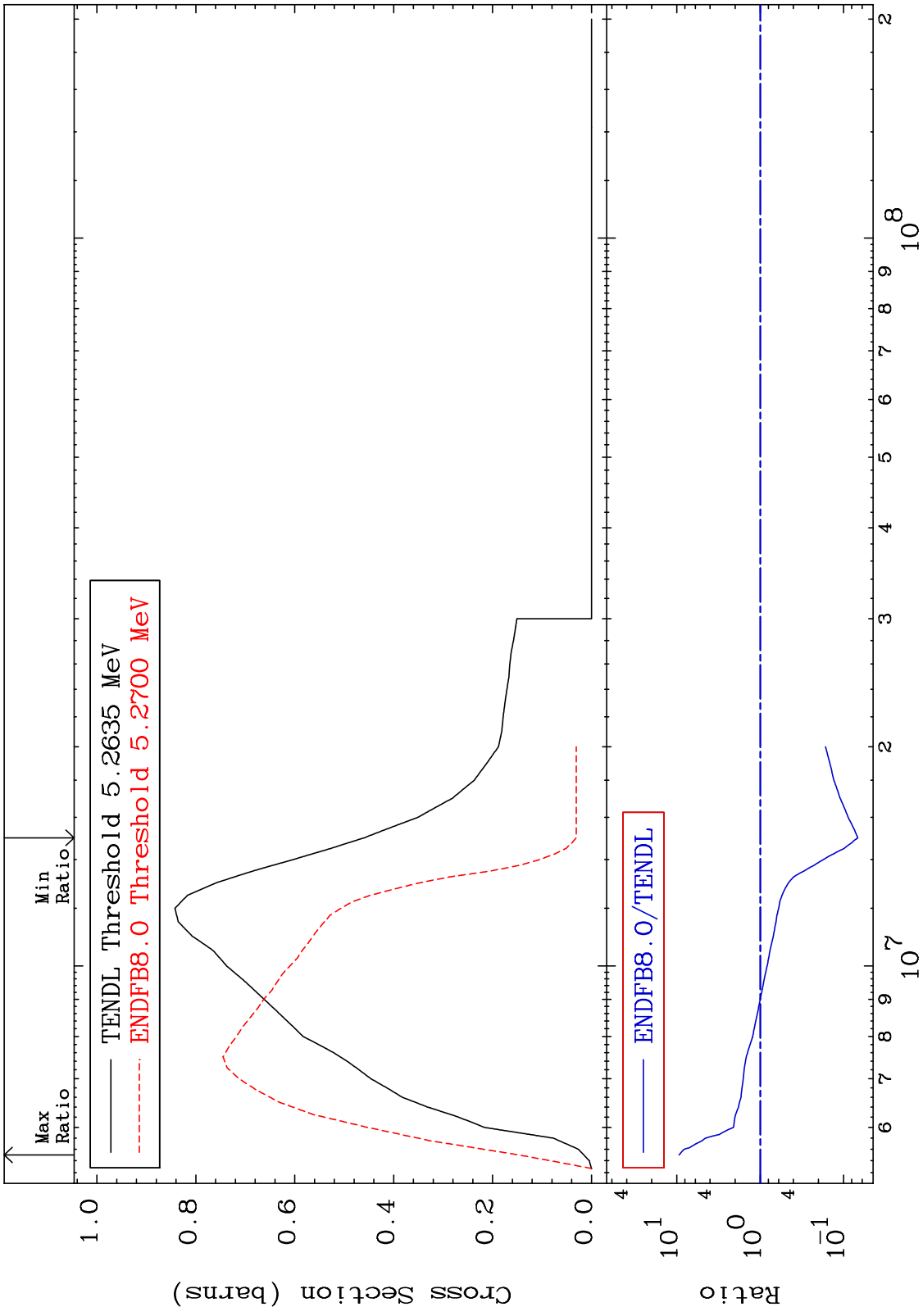




MAT 9443 94-Pu-241
-45.77 To 629.2 %



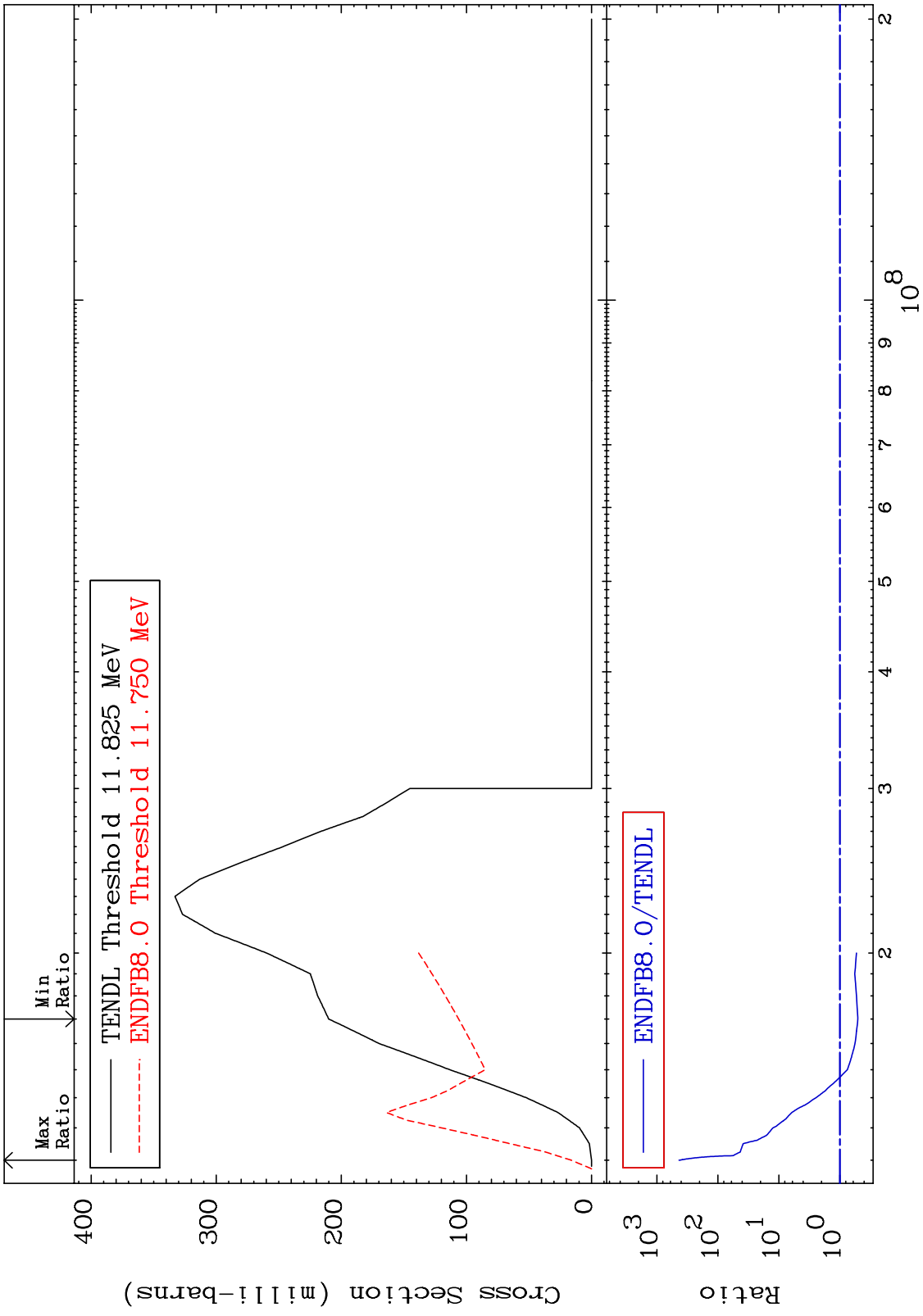
MAT 9443 (n,2n) 94-Pu-241
Cross Section -93.25 To 841.1 %



Incident Energy (eV)

94-Pu-241

MAT 9443 (n,3n) 94-Pu-241
 Cross Section -49.43 To 9999. %



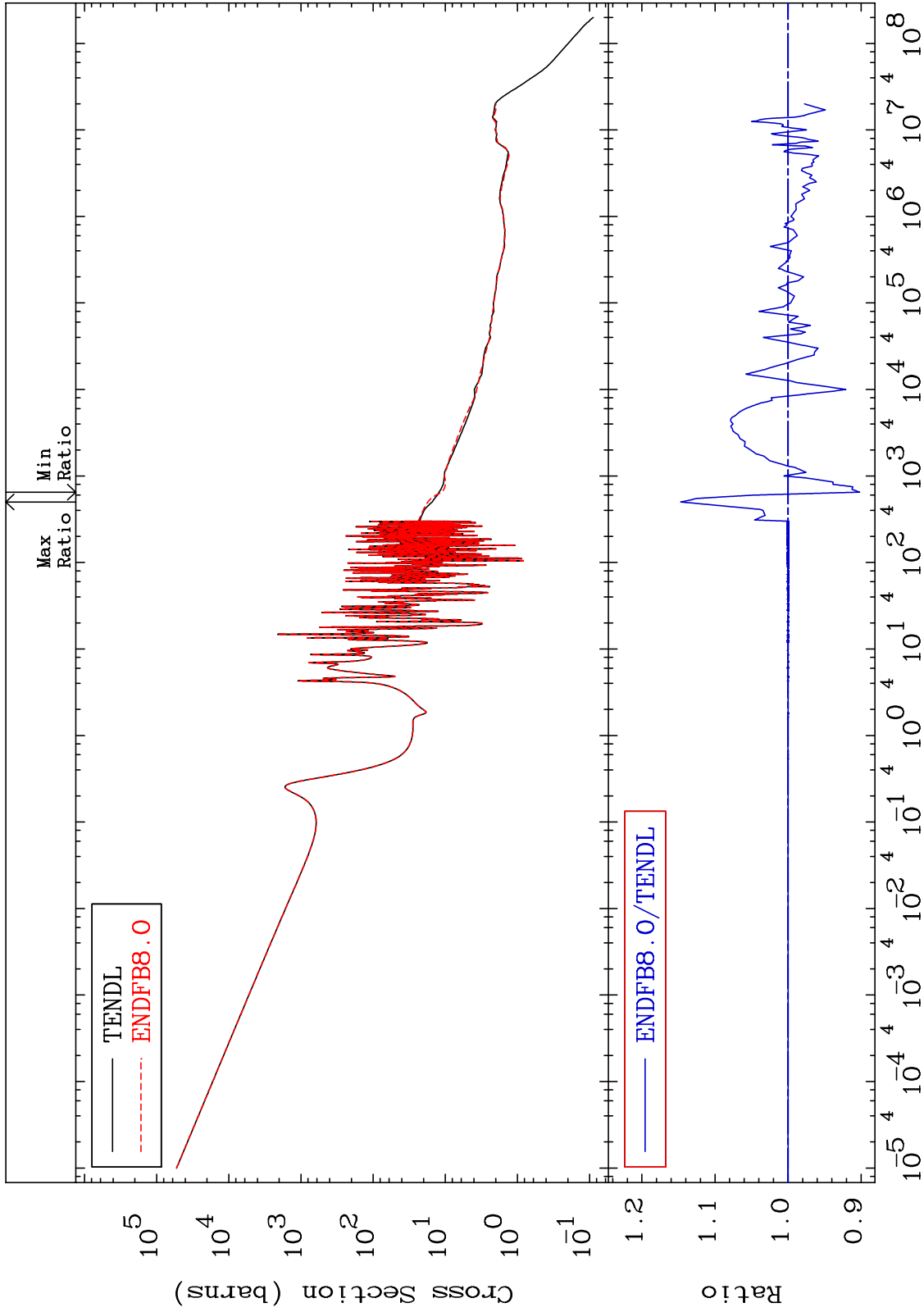
MAT 9443

Fission

94-Pu-241

Cross Section

-9.801 To 14.68 %

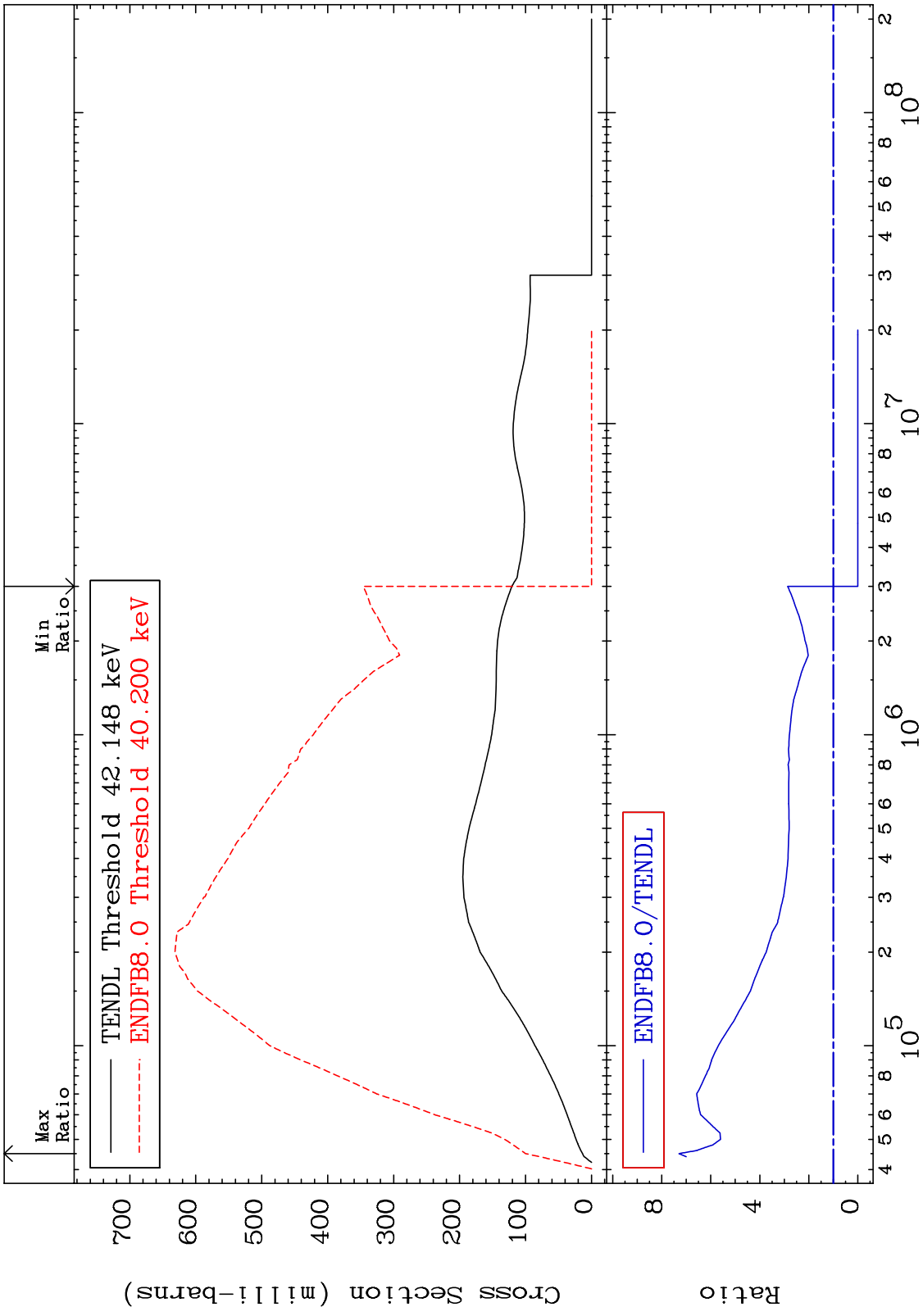


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Incident Energy (eV)

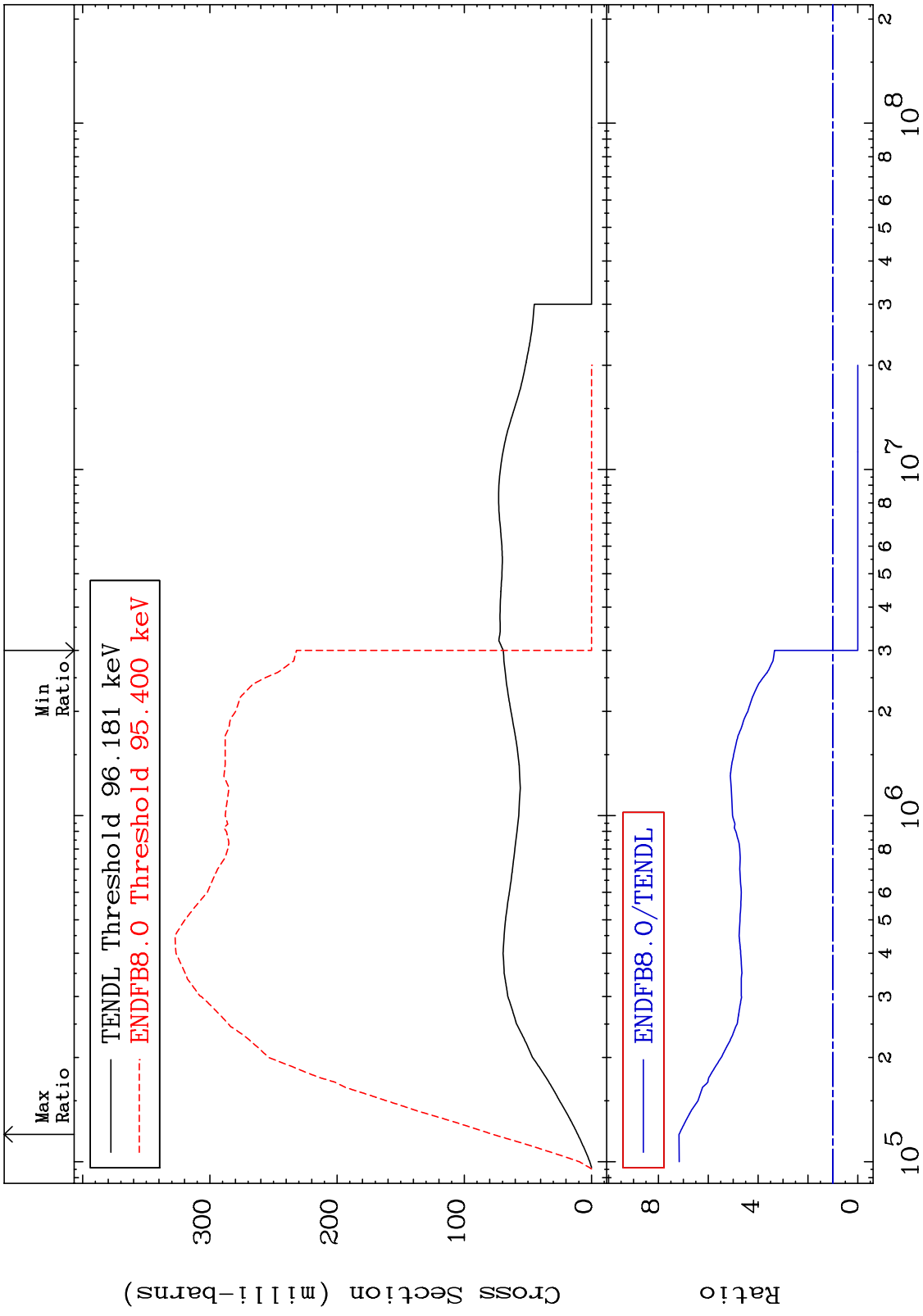
94-Pu-241

MAT 9443 MT= 51 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 629.2 %



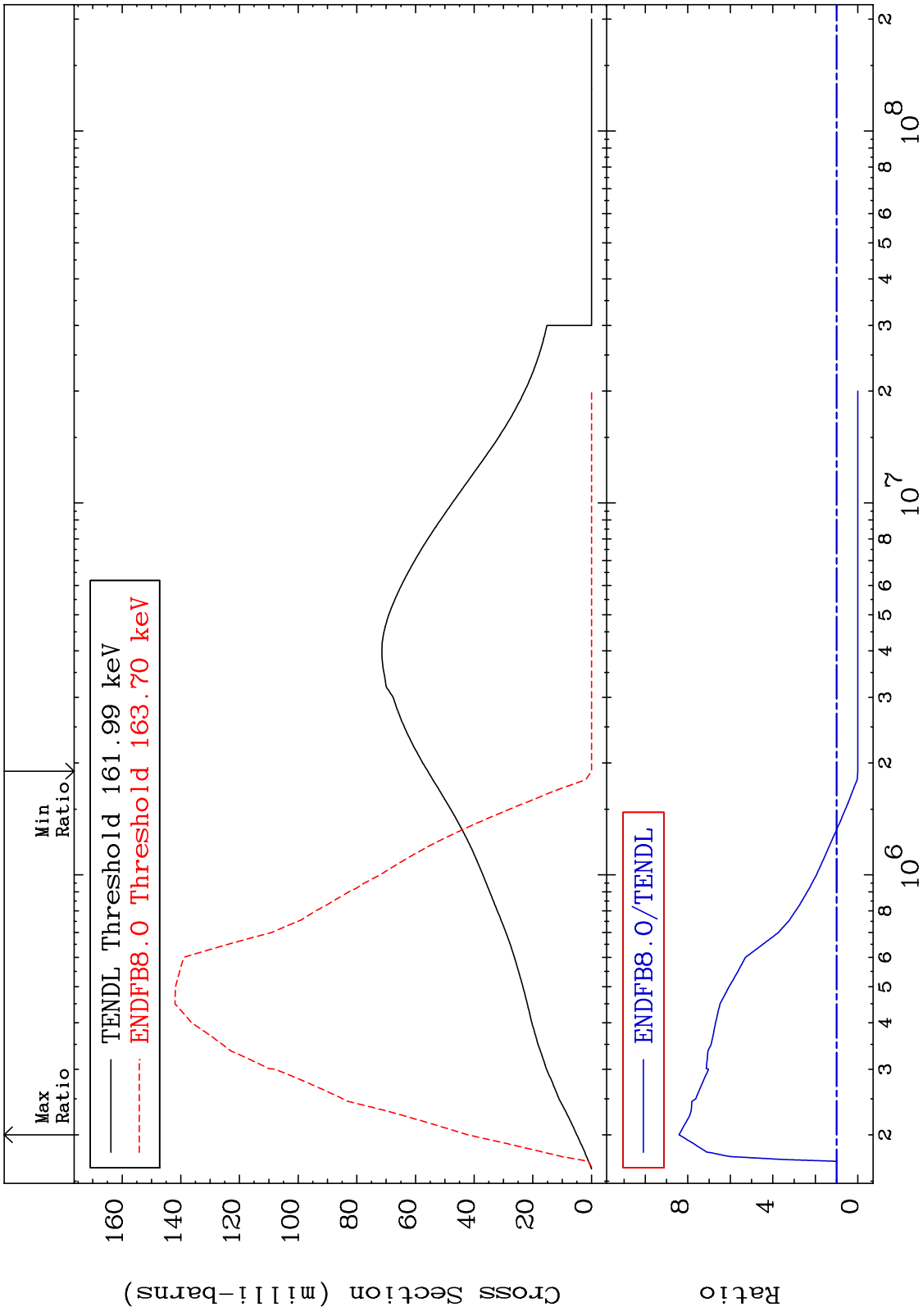
7 Incident Energy (eV) 94-Pu-241

MAT 9443 MT= 52 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 617.4 %

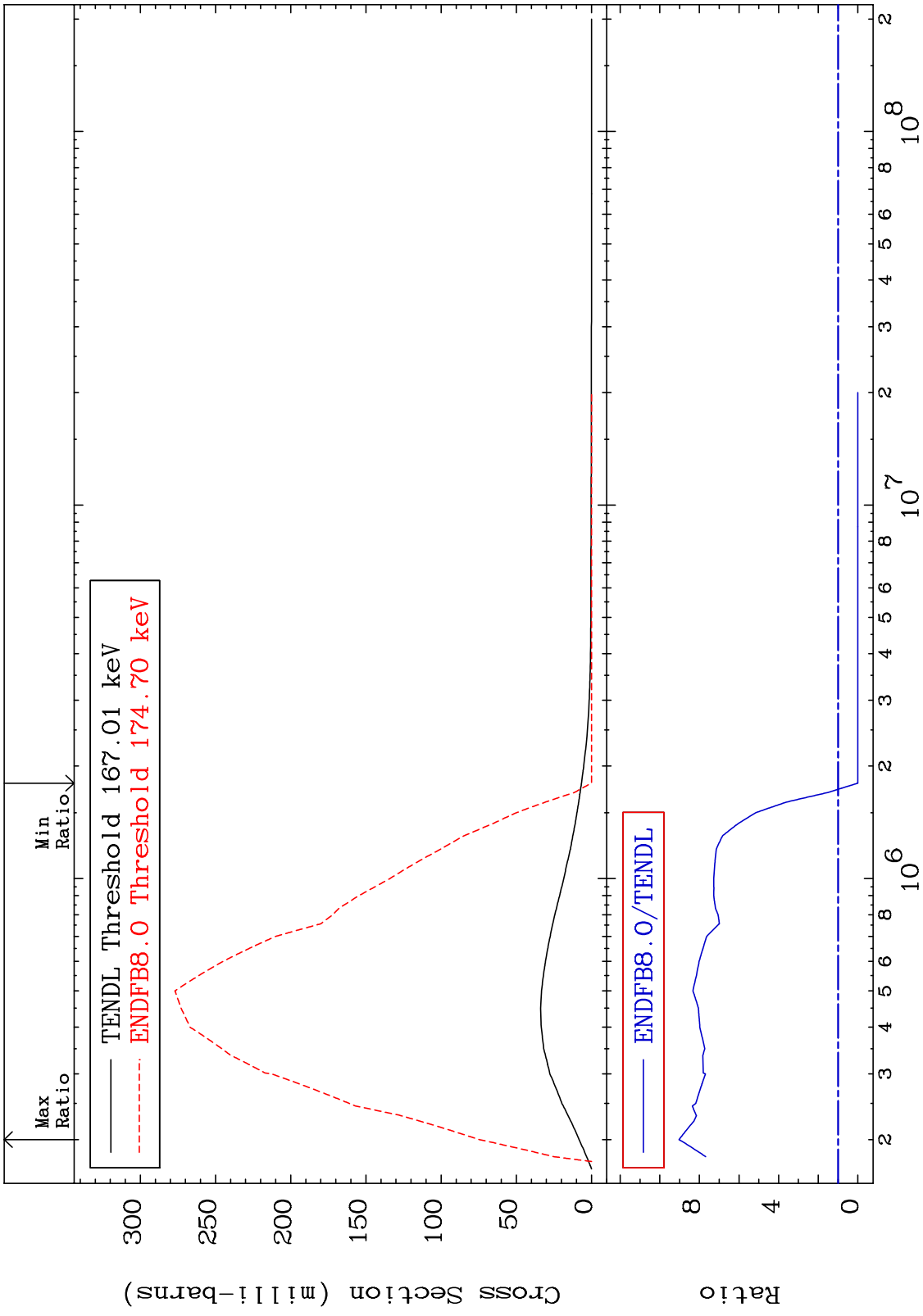


8 10⁵ 10⁶ 10⁷ 10⁸ Incident Energy (eV) 94-Pu-241

MAT 9443 MT= 53 (n,n') Level 94-Pu-241
 Cross Section -100.0 To 741.3 %

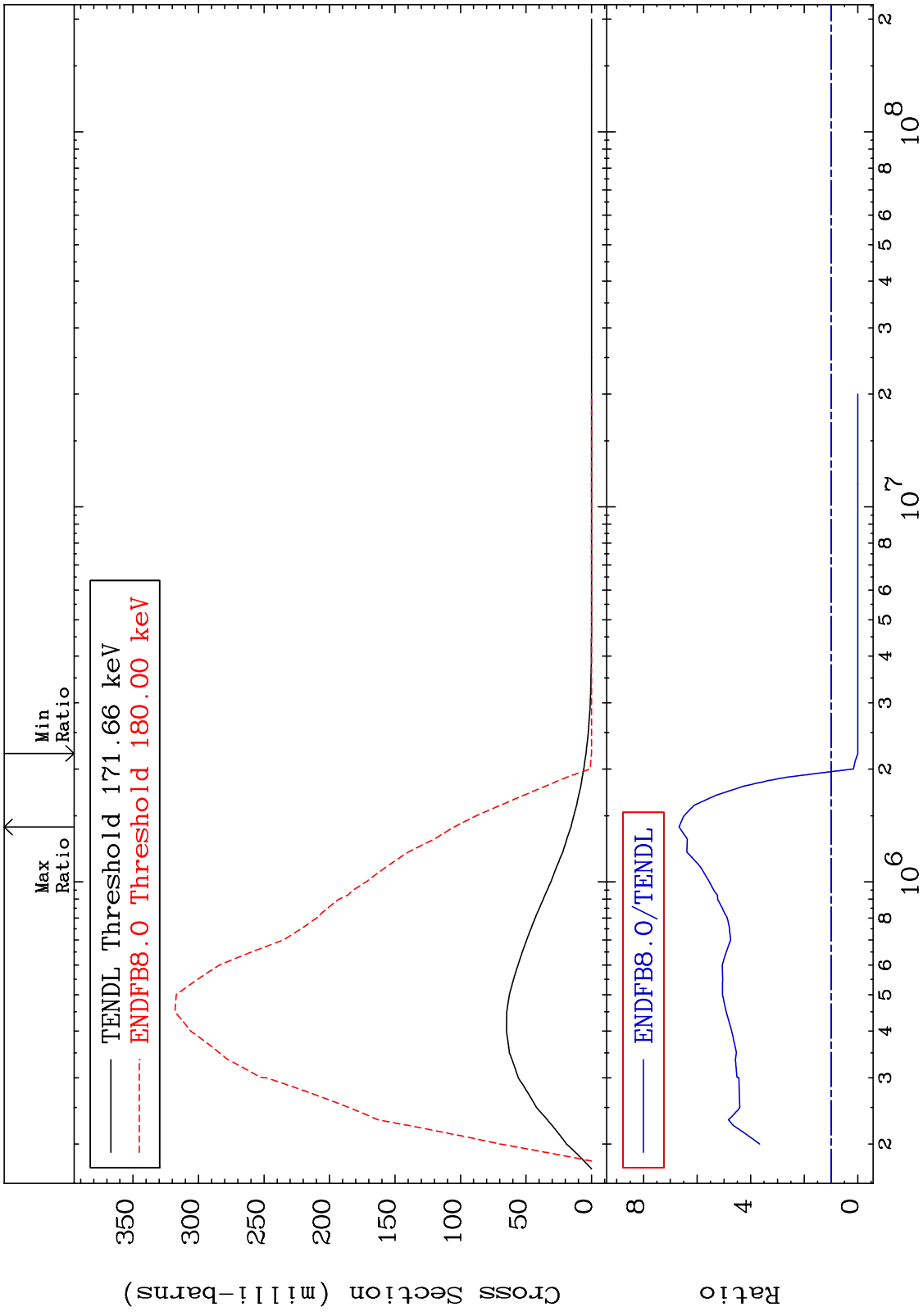


MAT 9443 MT= 54 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 802.8 %

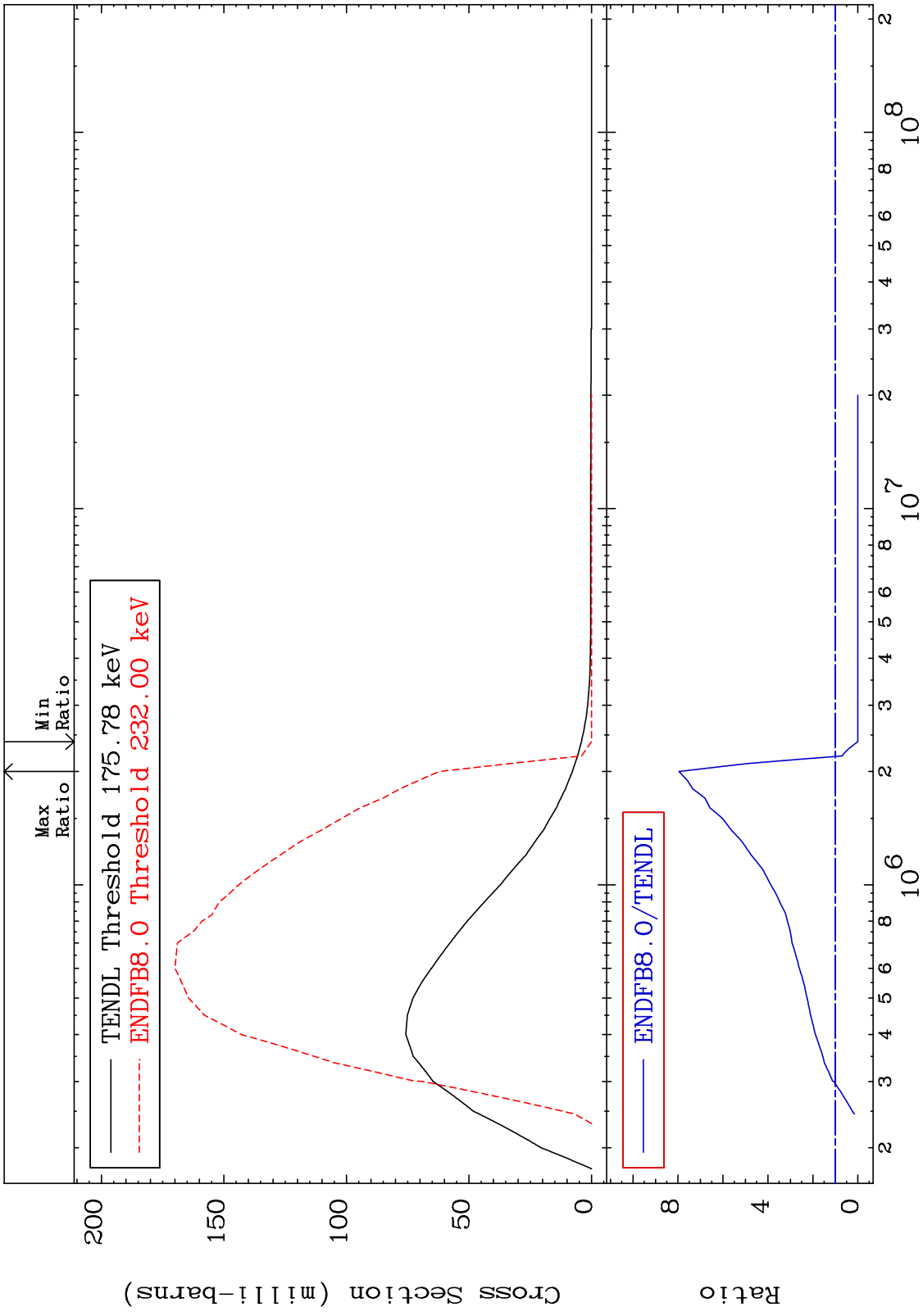


10 Incident Energy (eV) 94-Pu-241

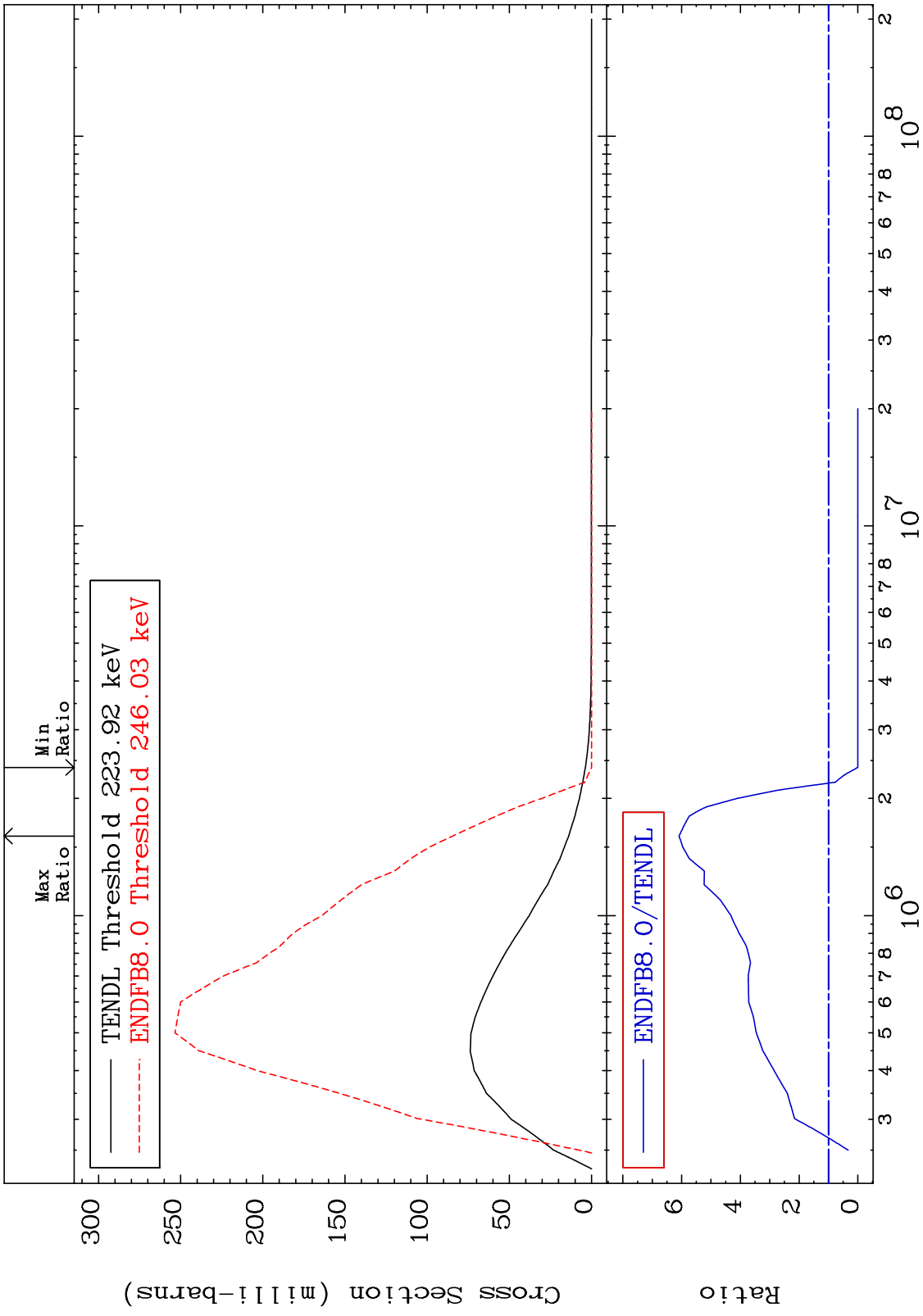
MAT 9443 MT= 55 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 567.5 %



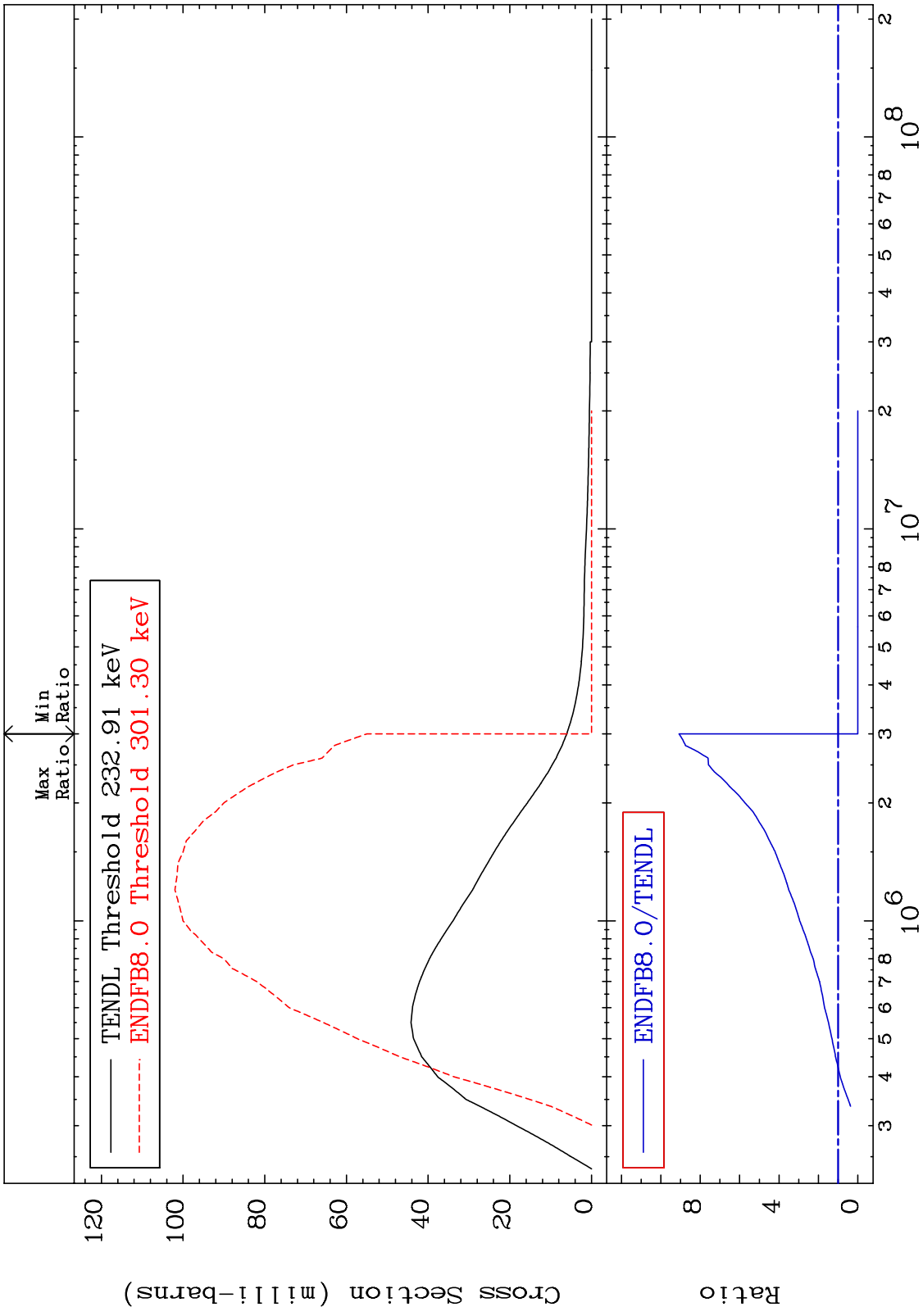
MAT 9443 MT= 56 (n,n') Level Cross Section -100.0 To 695.2 % 94-Pu-241



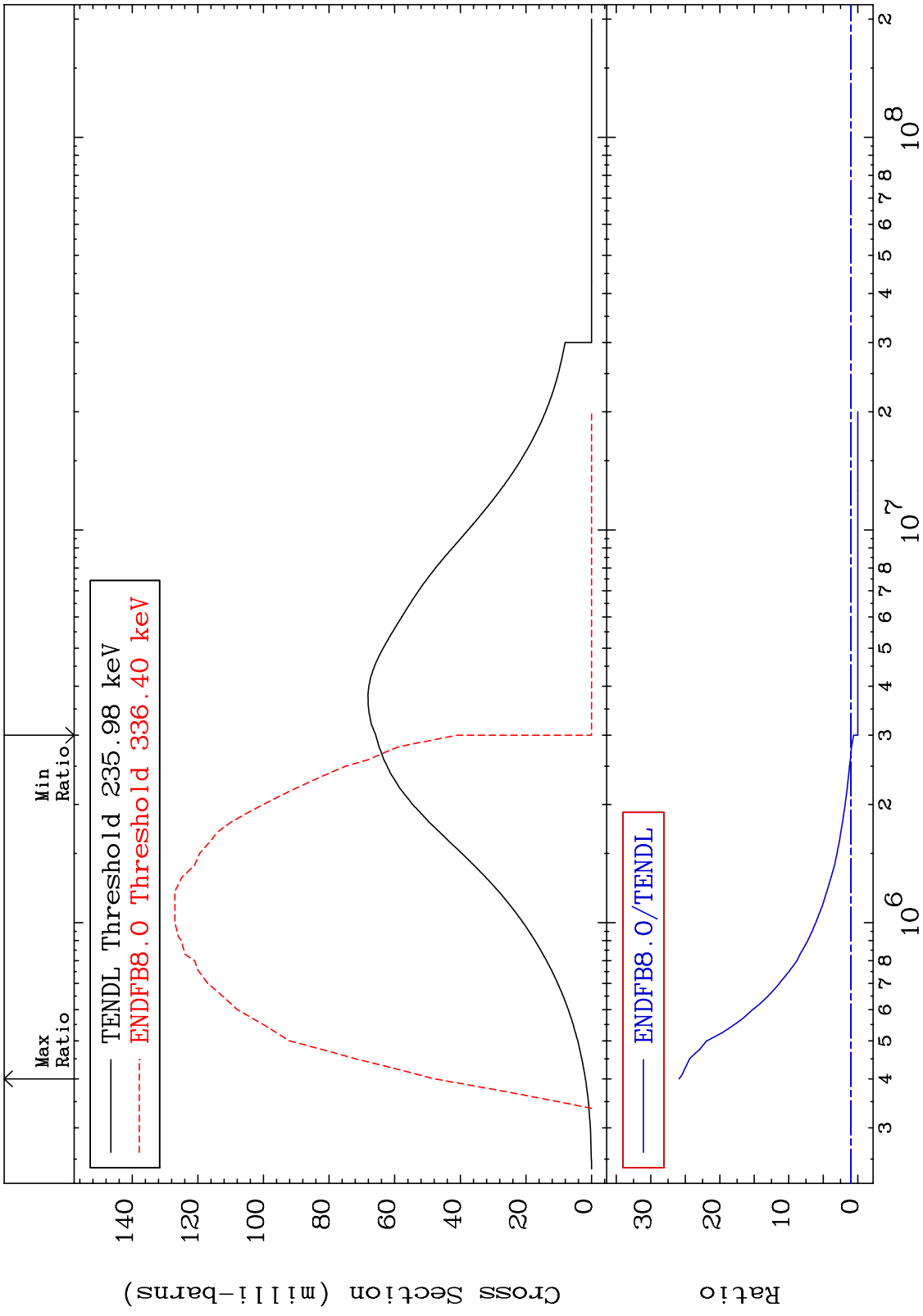
MAT 9443 MT= 57 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 508.8 %



MAT 9443 MT= 58 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 807.4 %



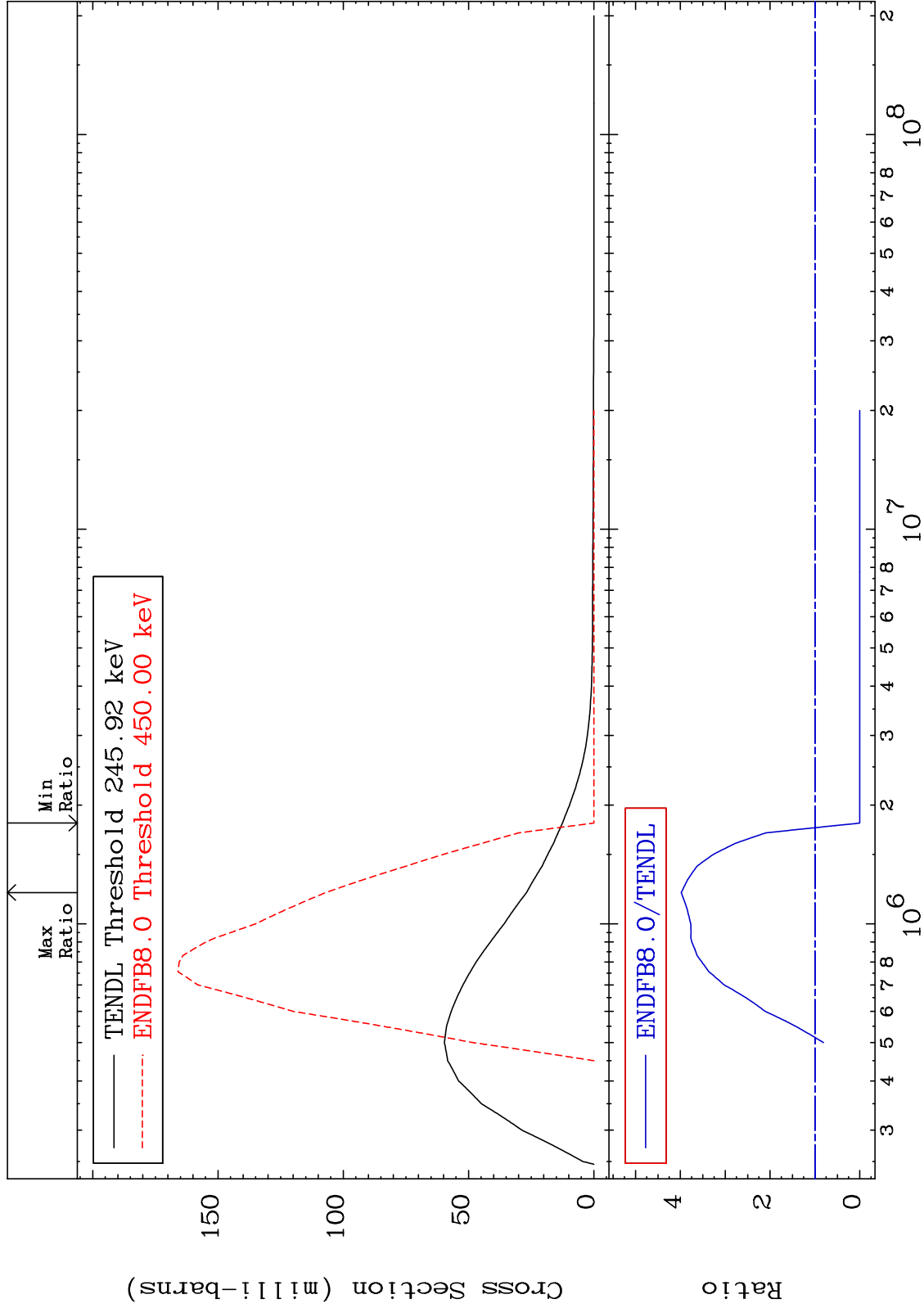
MAT 9443 MT= 59 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 2490. %



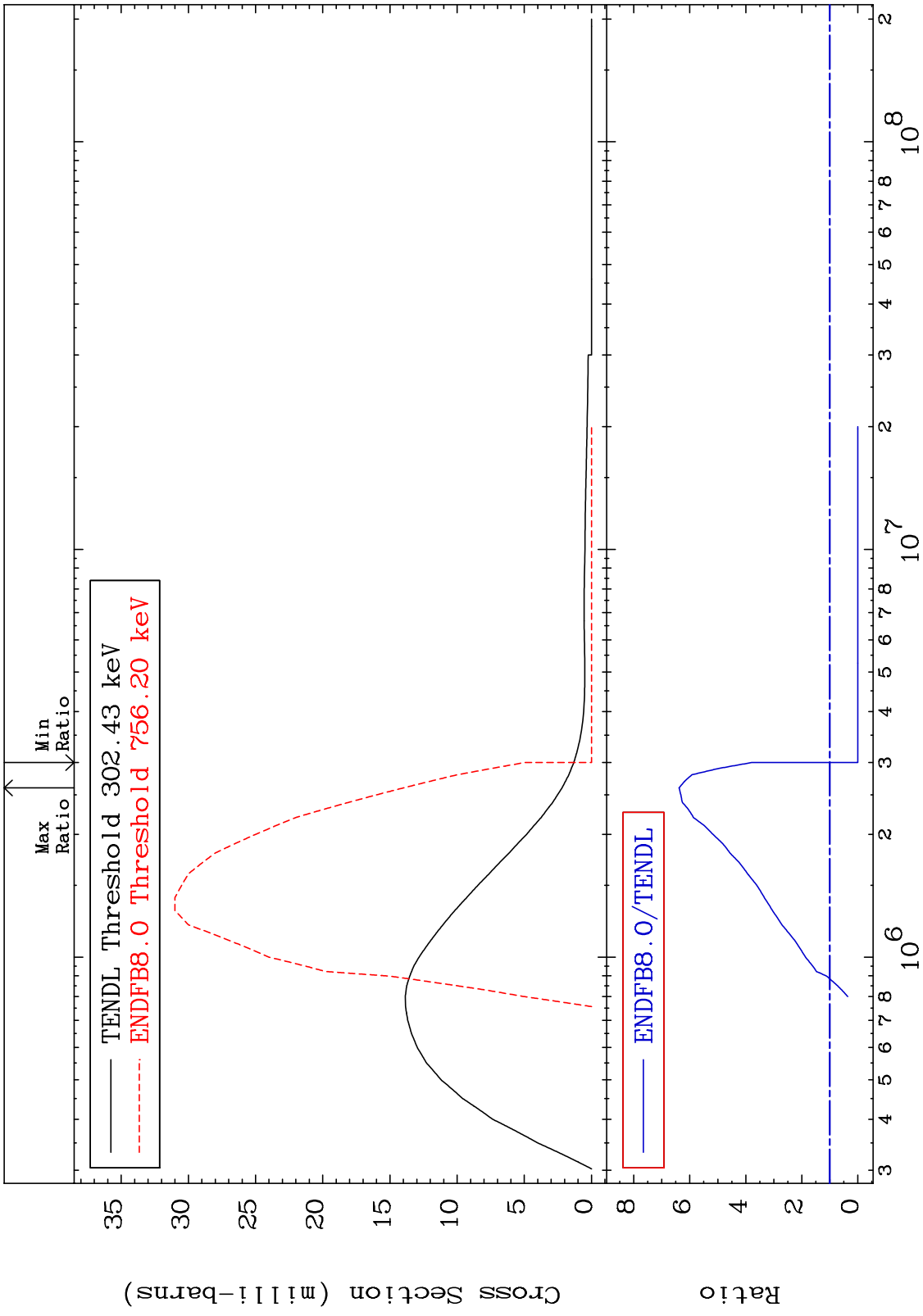
MAT 9443

MT= 60 (n,n') Level
Cross Section

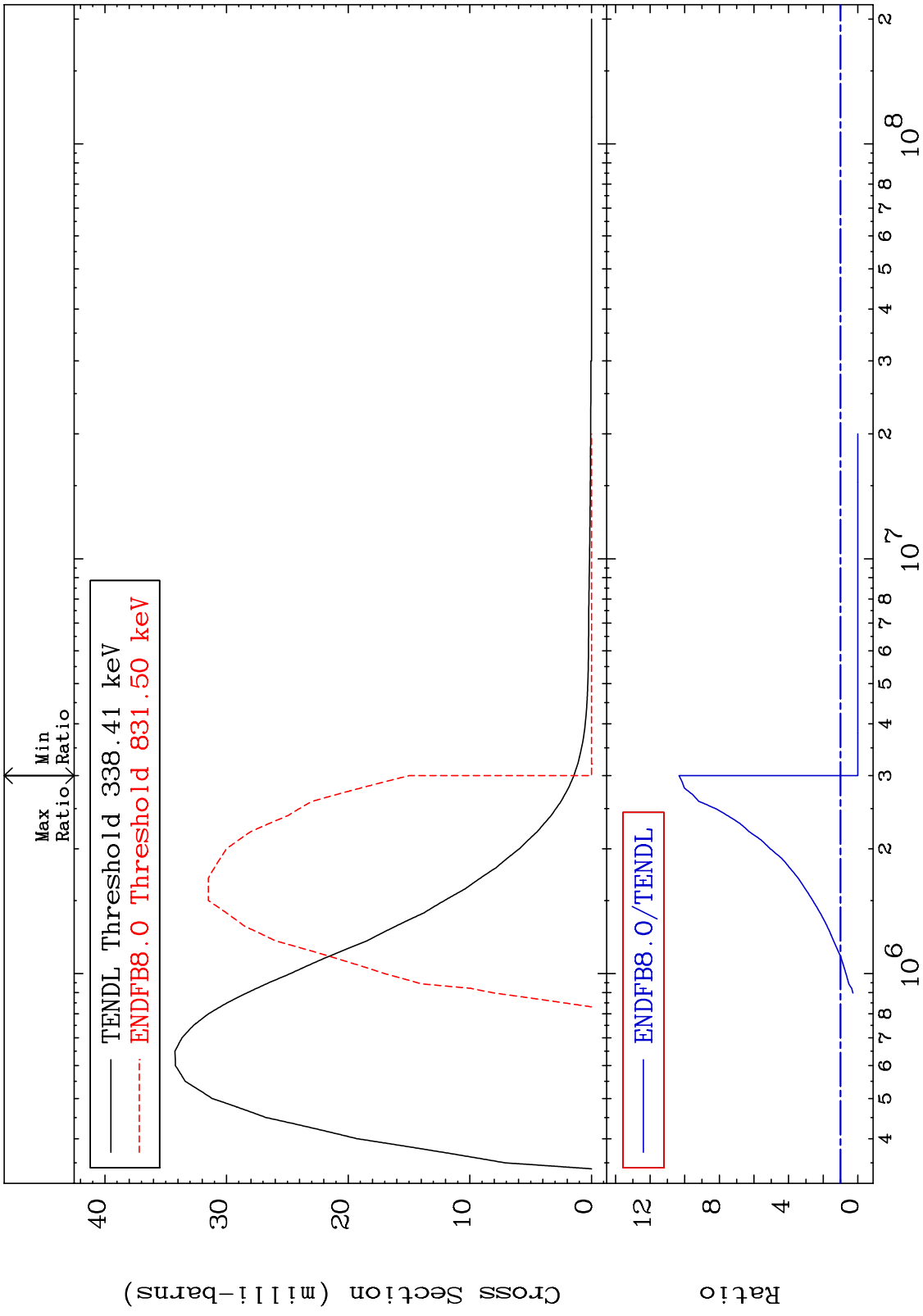
94-Pu-241
-100.0 To 298.1 %



MAT 9443 MT= 61 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 538.3 %



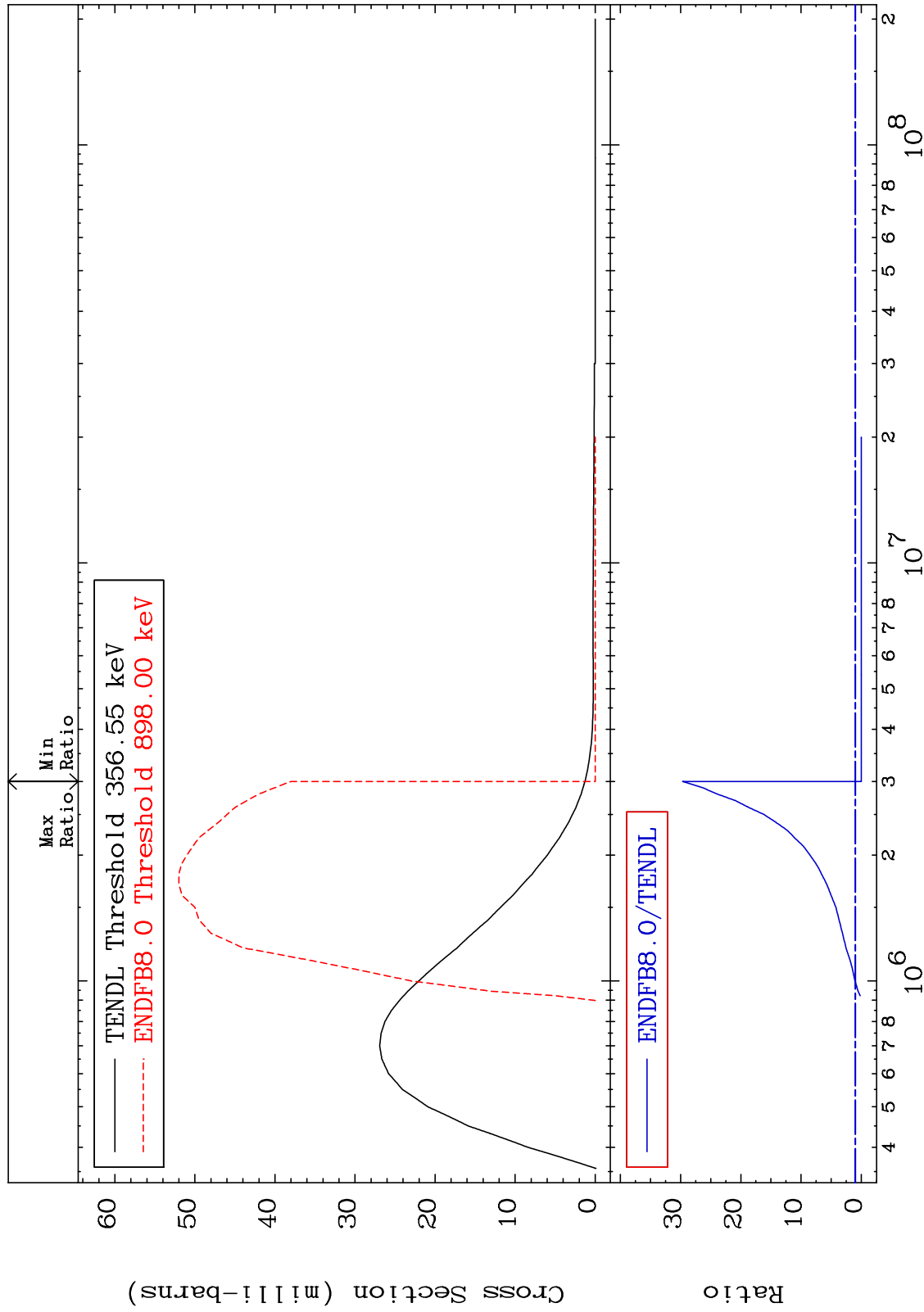
MAT 9443 MT= 62 (n,n') Level Cross Section 94-Pu-241
 -100.0 To 932.8 %



MAT 9443

MT= 63 (n,n') Level
Cross Section

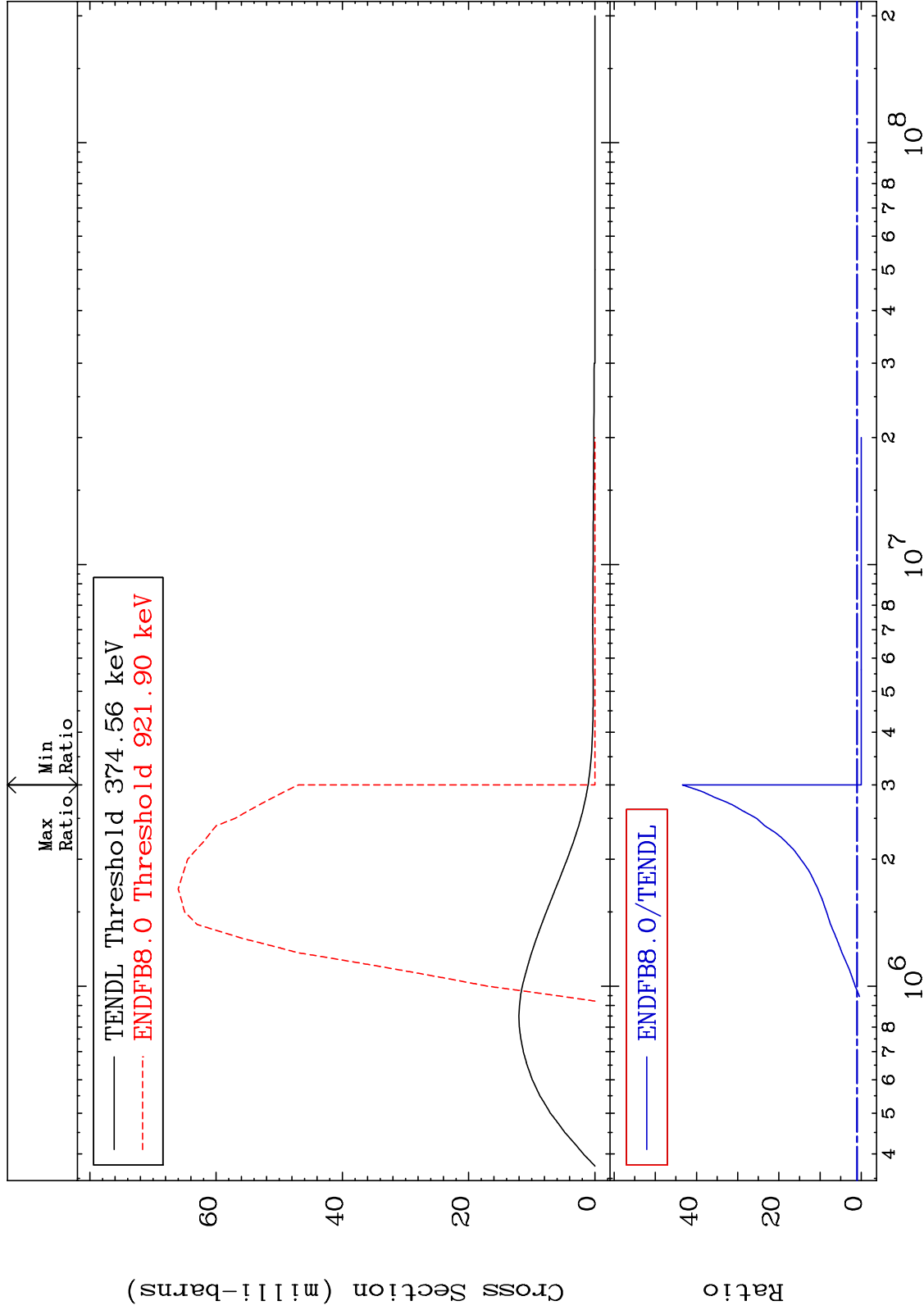
94-Pu-241
-100.0 To 2865. %



MAT 9443

MT= 64 (n,n') Level
Cross Section

94-Pu-241
-100.0 To 4241. %



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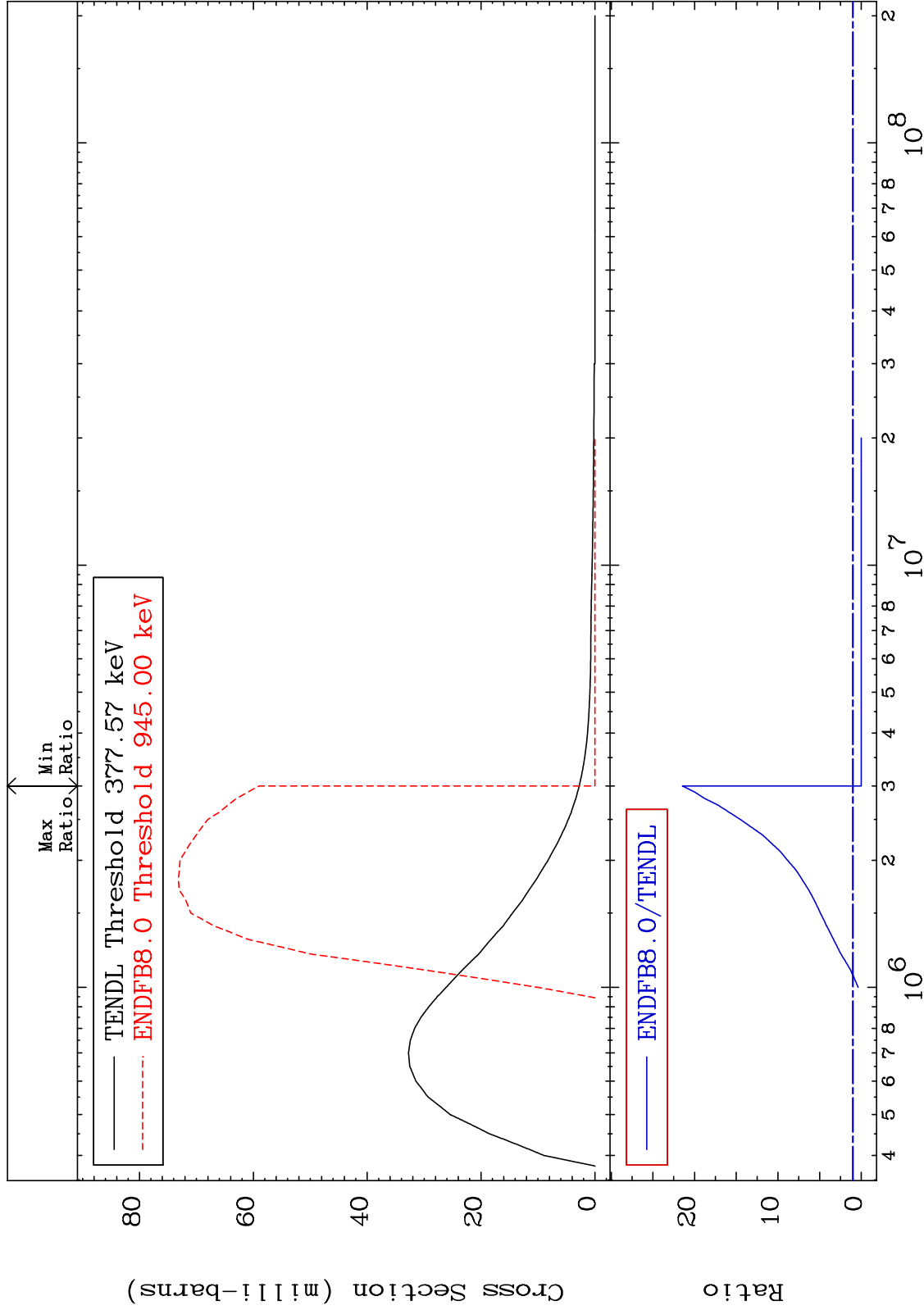
Incident Energy (eV)

94-Pu-241

MAT 9443

MT= 65 (n,n') Level
Cross Section

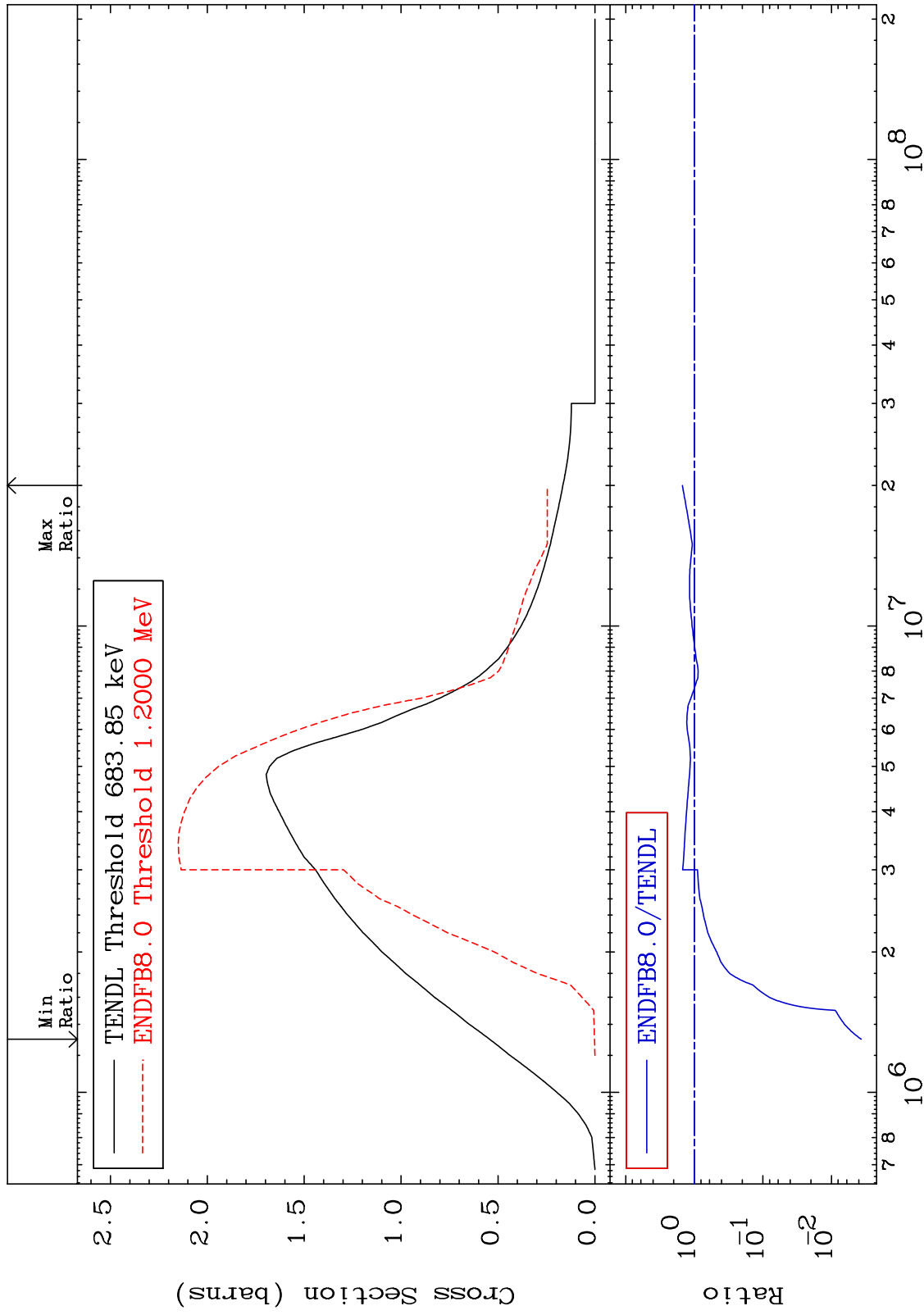
94-Pu-241
-100.0 To 2046. %



MAT 9443

(n,n') Continuum
Cross Section

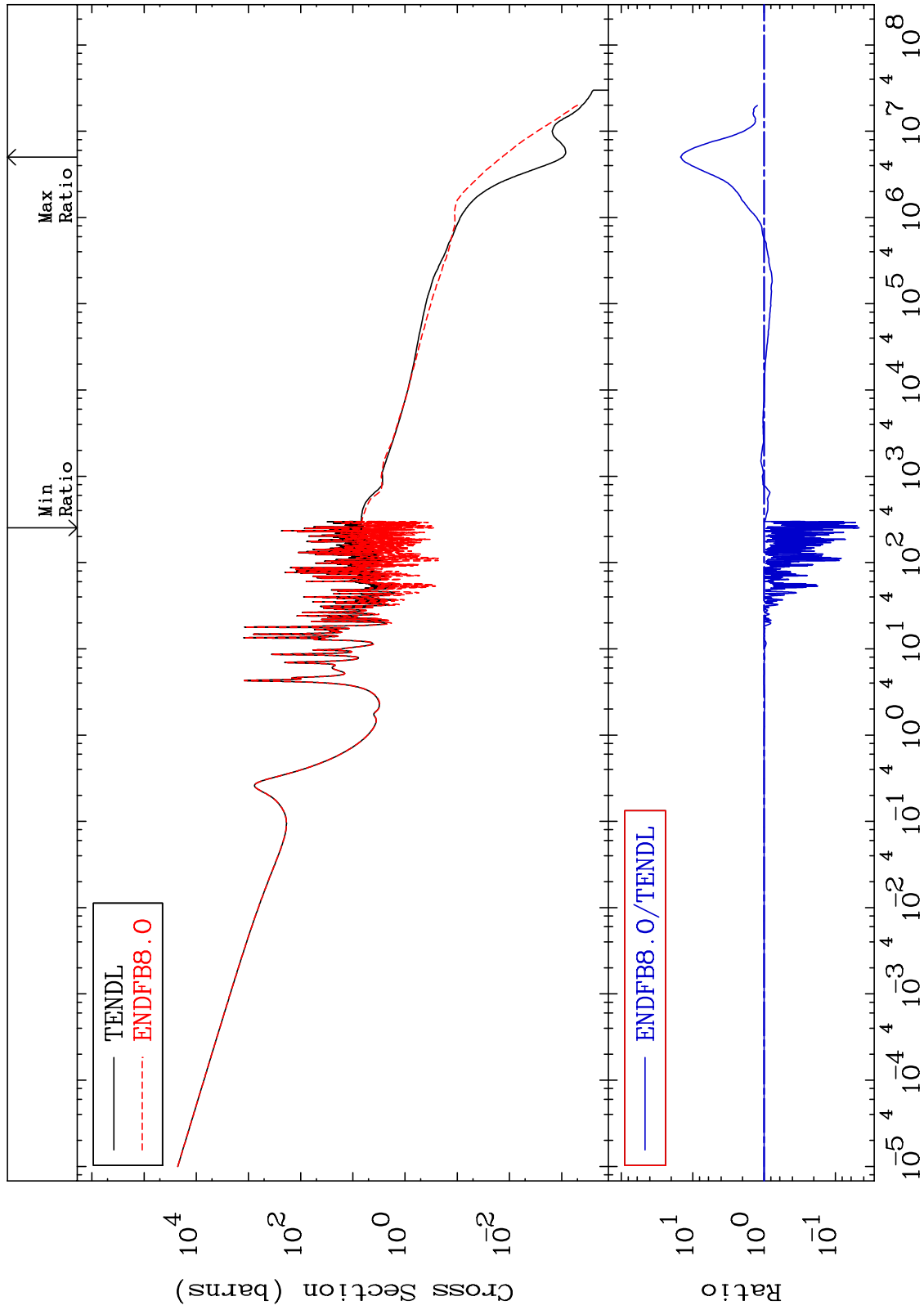
94-Pu-241
-99.63 To 48.95 %



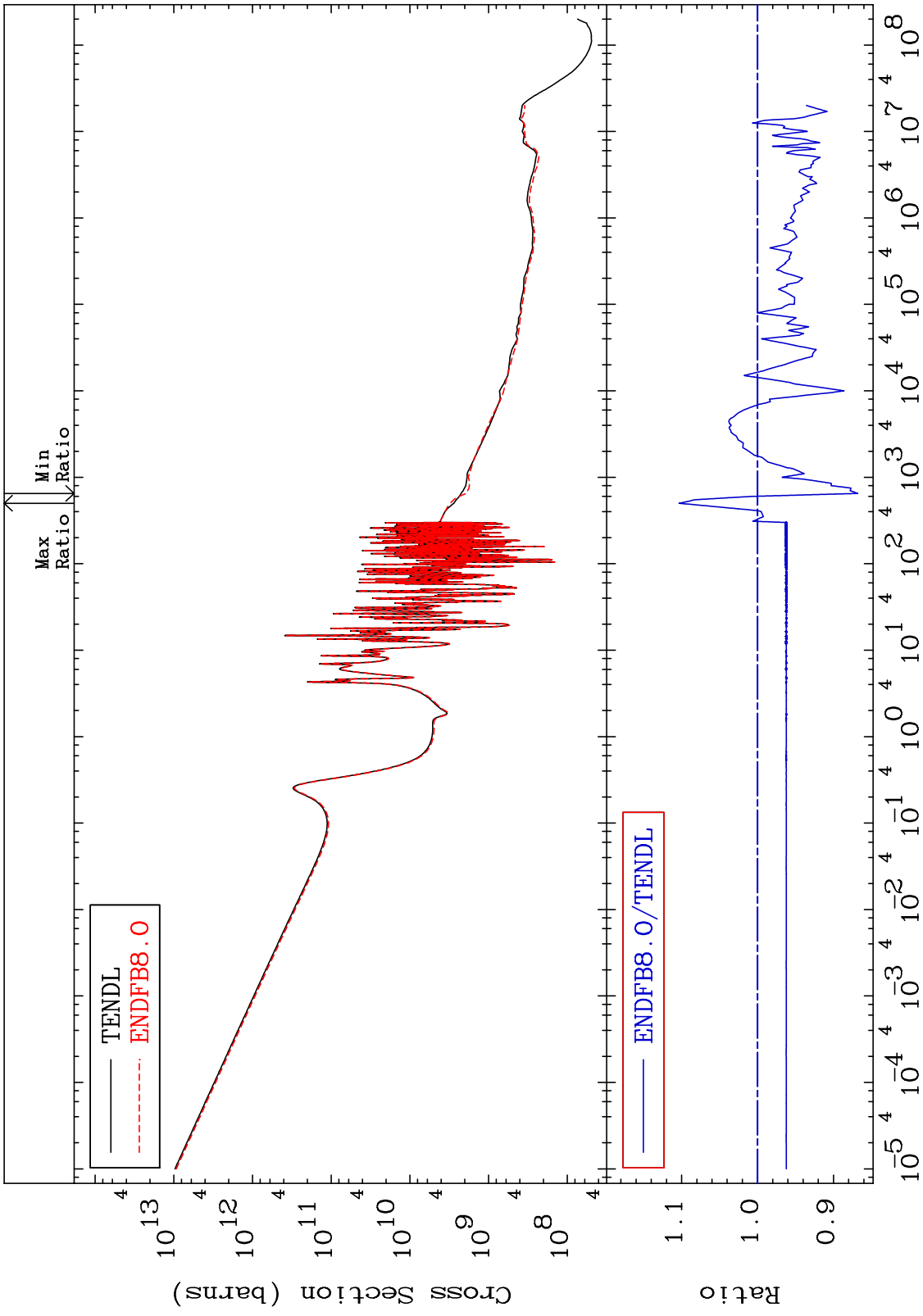
MAT 9443

(n, γ)
Cross Section

94-Pu-241
-95.35 To 1375. %



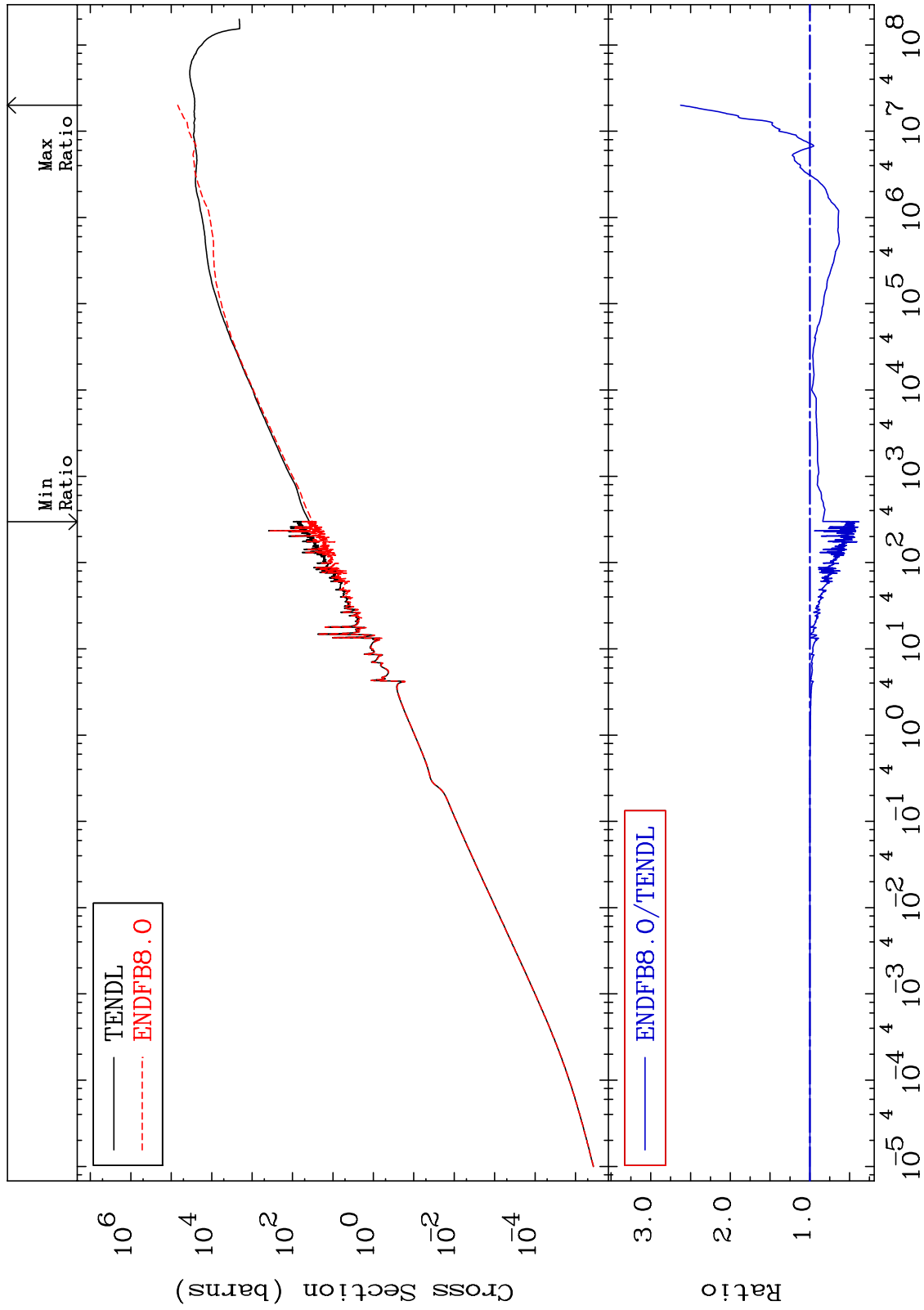
MAT 9443 Kerma total (eV-barns) 94-Pu-241
 Cross Section -13.21 To 10.34 %



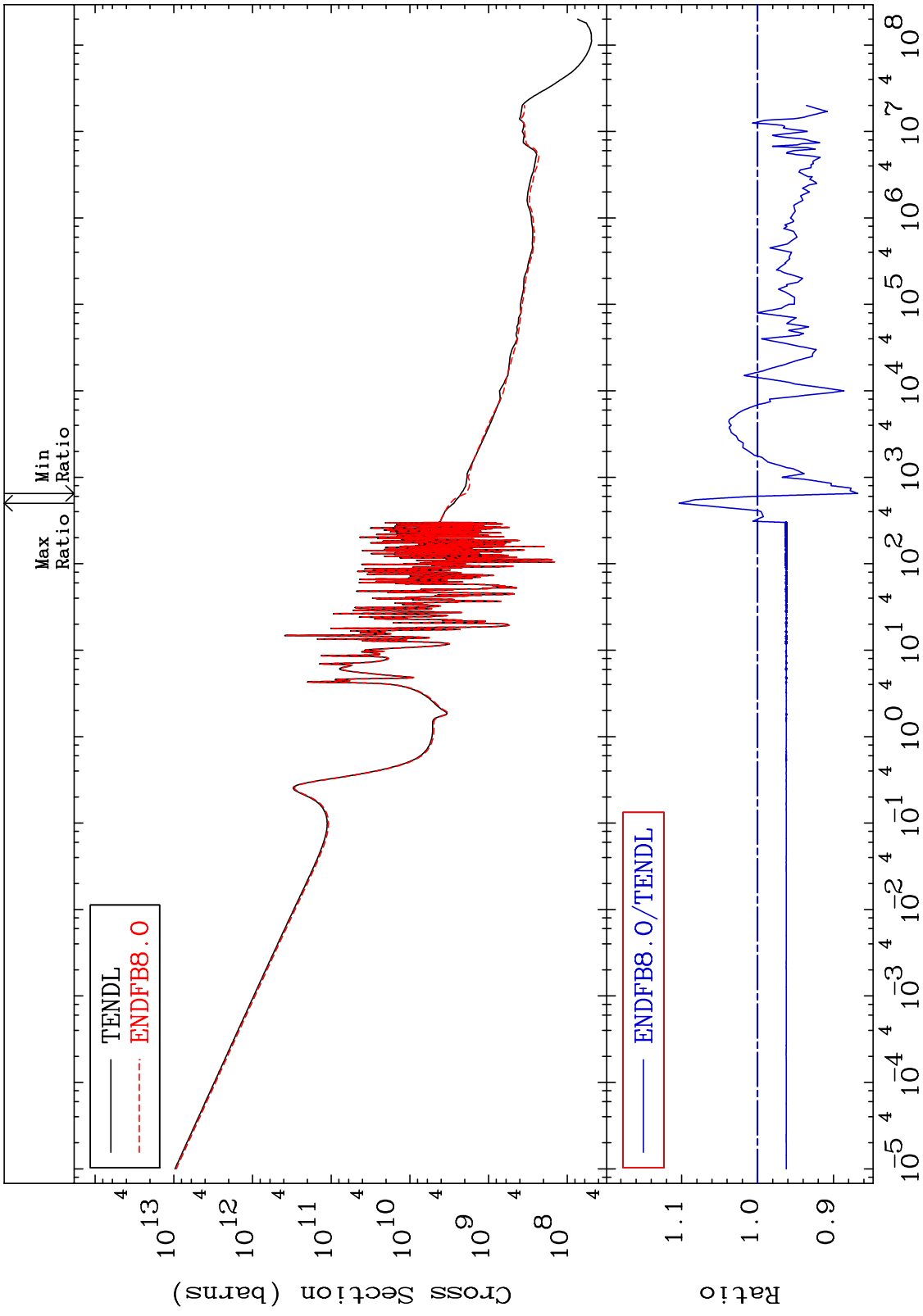
MAT 9443

Kerma elastic
Cross Section

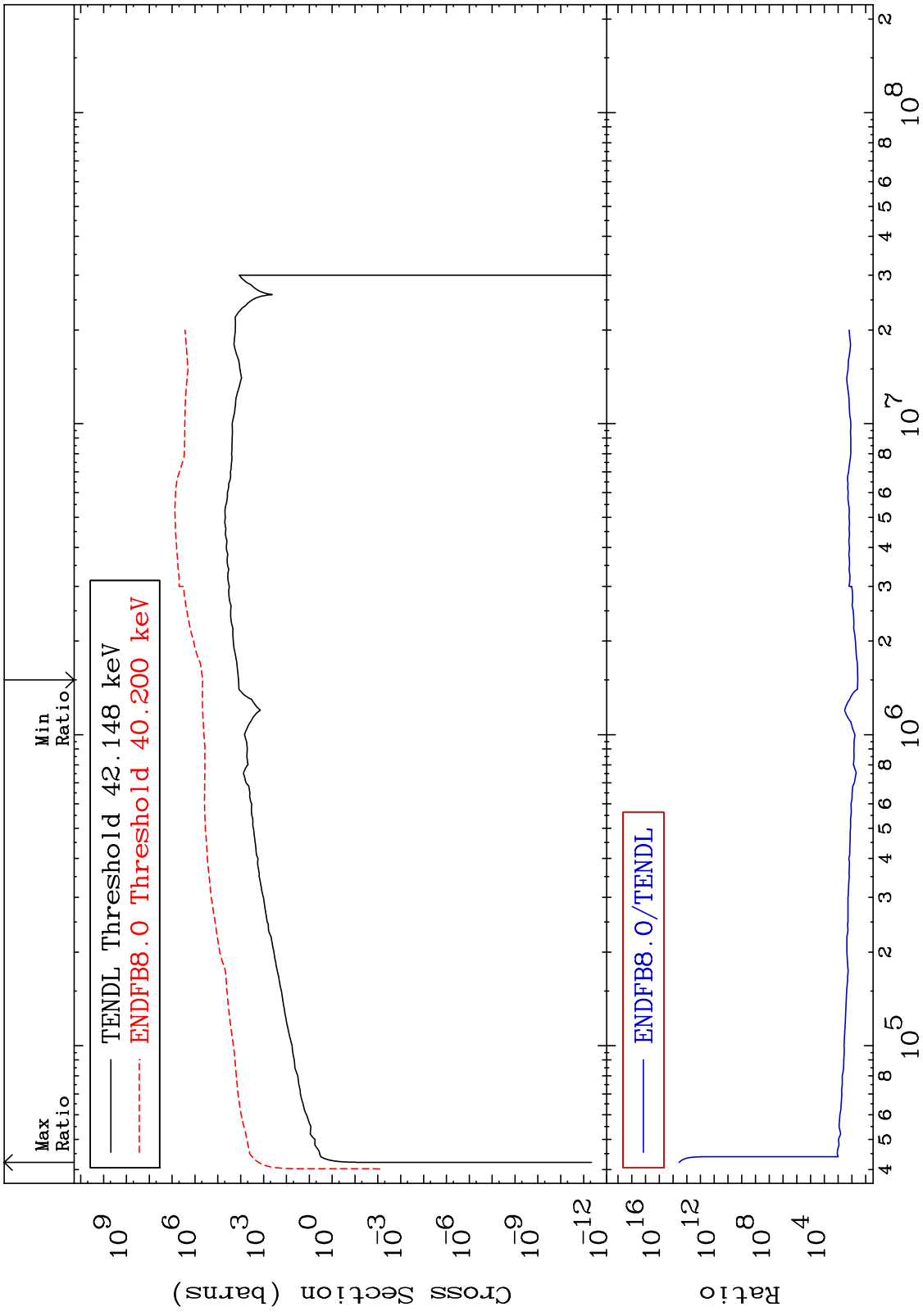
94-Pu-241
-61.79 To 162.4 %



MAT 9443 Kerma non-elastic (all but mt2) 94-Pu-241
 Cross Section -13.21 To 10.34 %



MAT 9443 Kerma inelastic (mt51-91) 94-Pu-241
 Cross Section 3559. To 9999. %



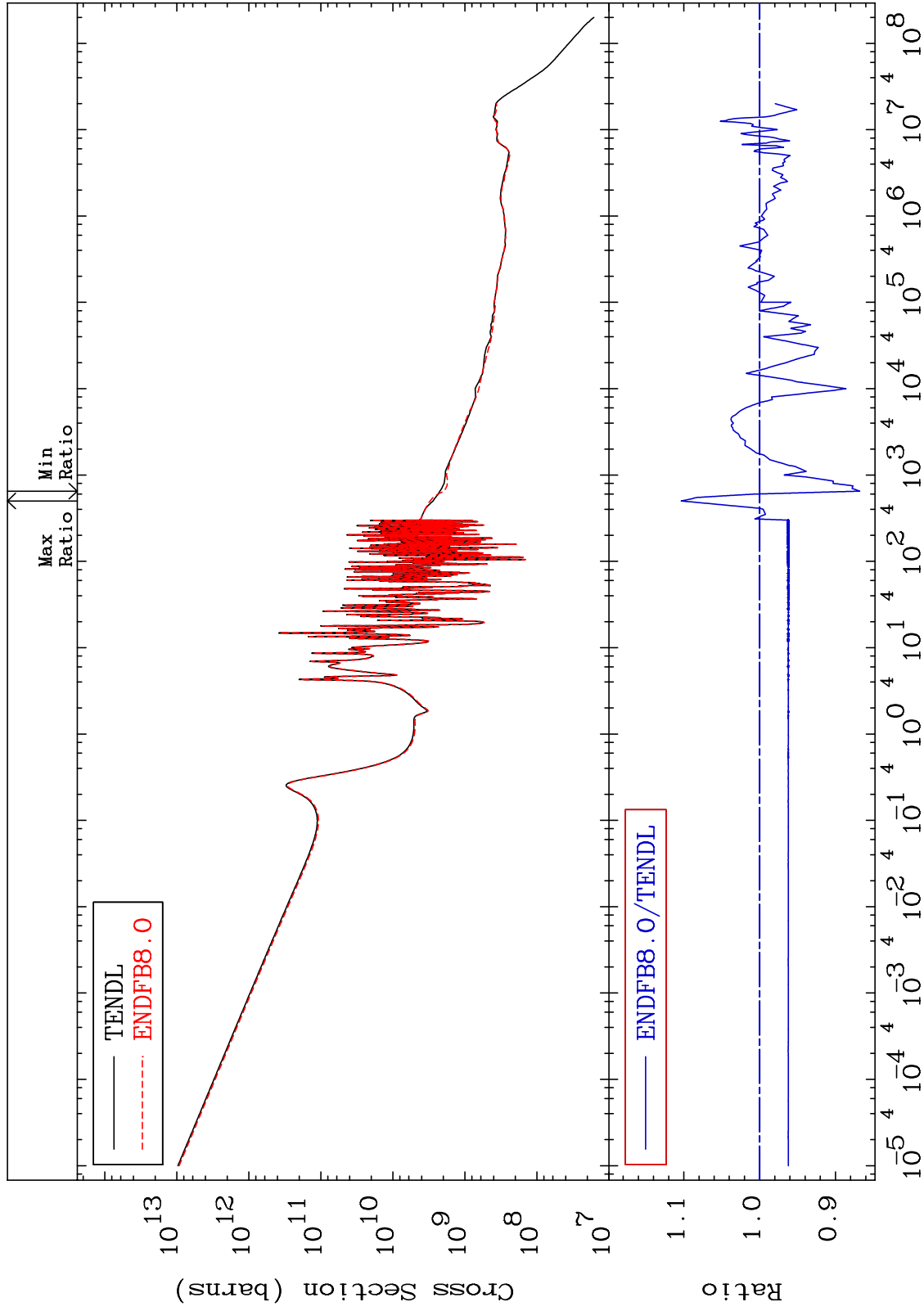
MAT 9443

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

94-Pu-241

-13.21 To 10.34 %

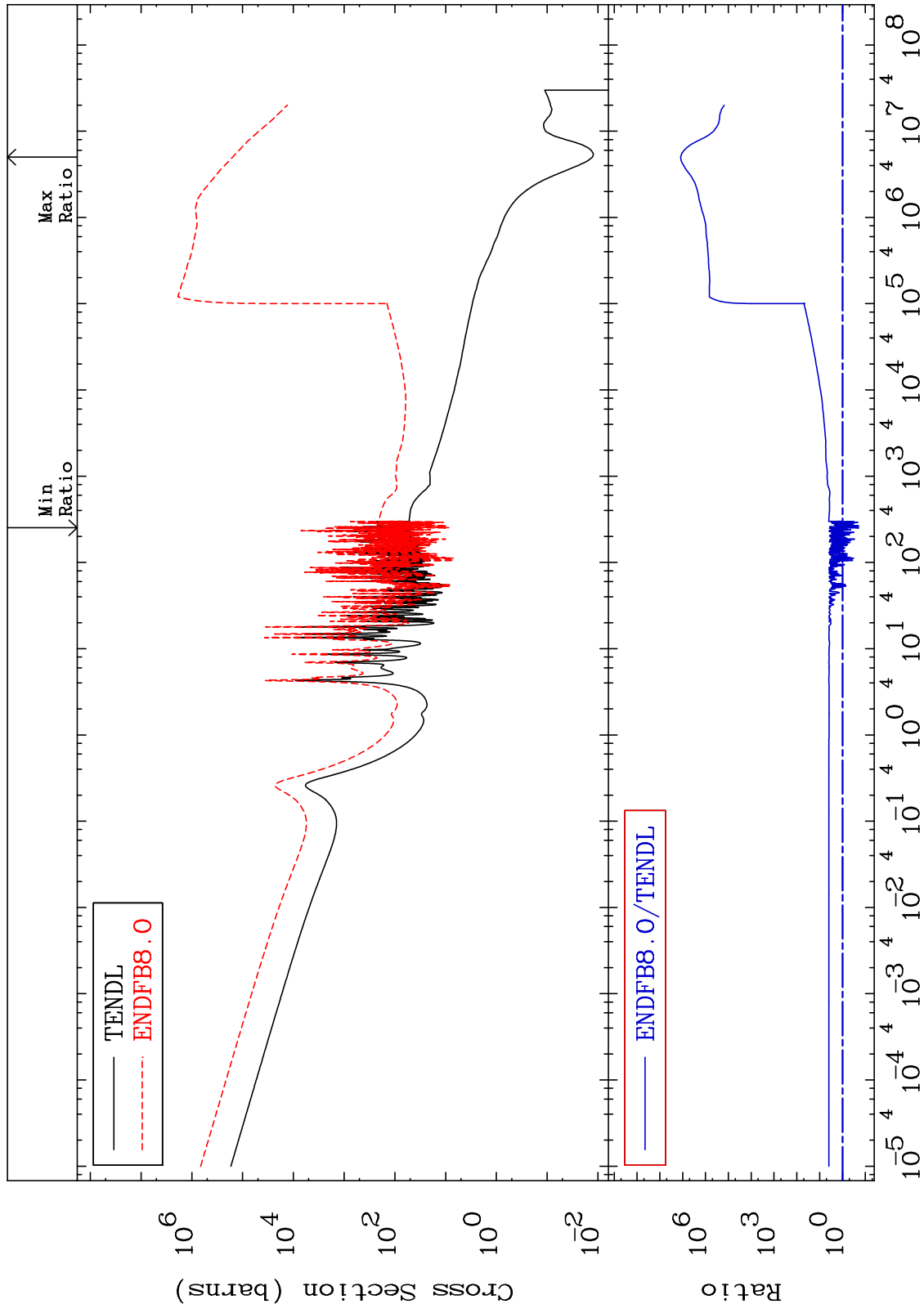
Cross Section



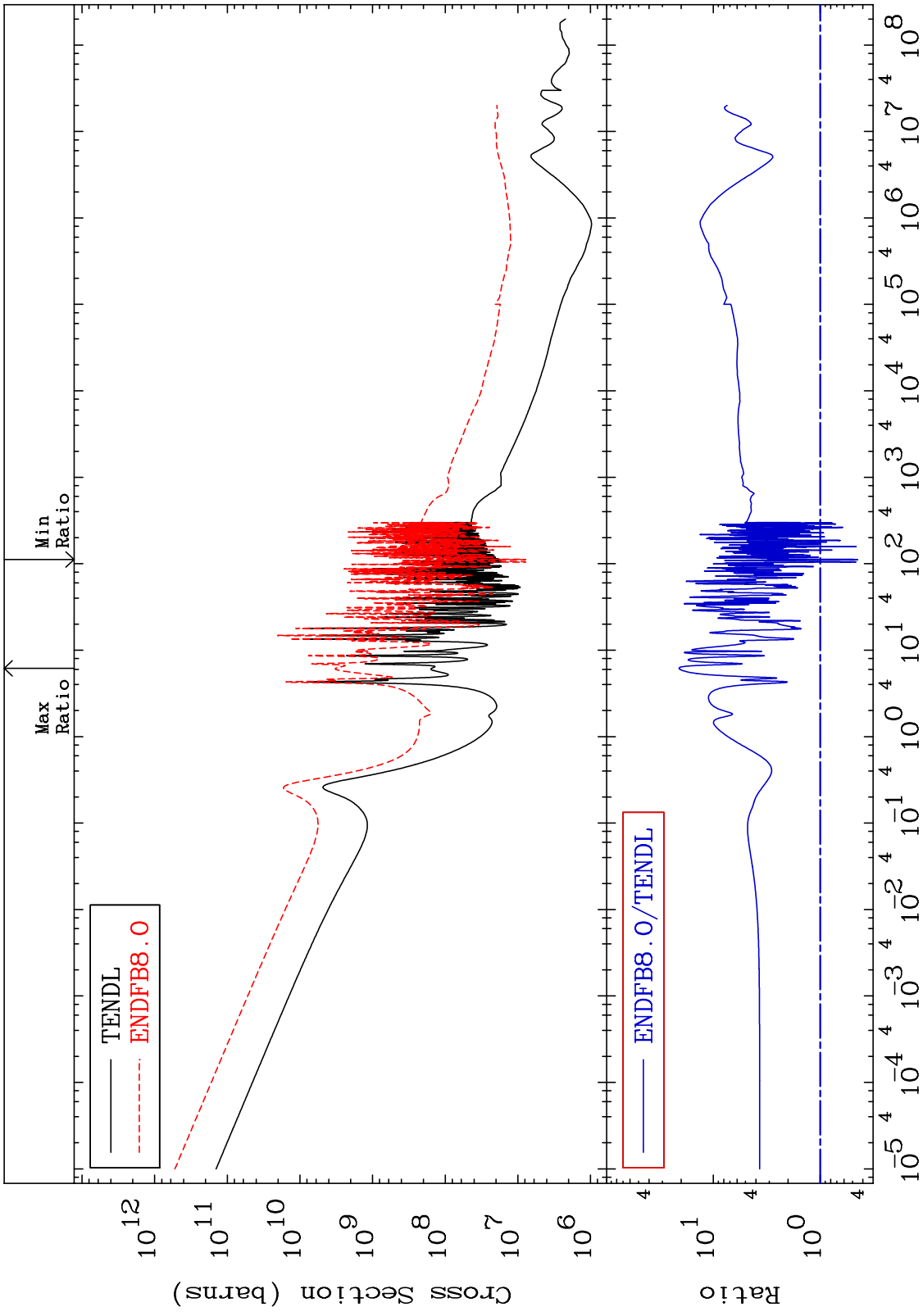
MAT 9443

Kerma capture (mt102)
Cross Section

94-Pu-241
-81.04 To 9999. %

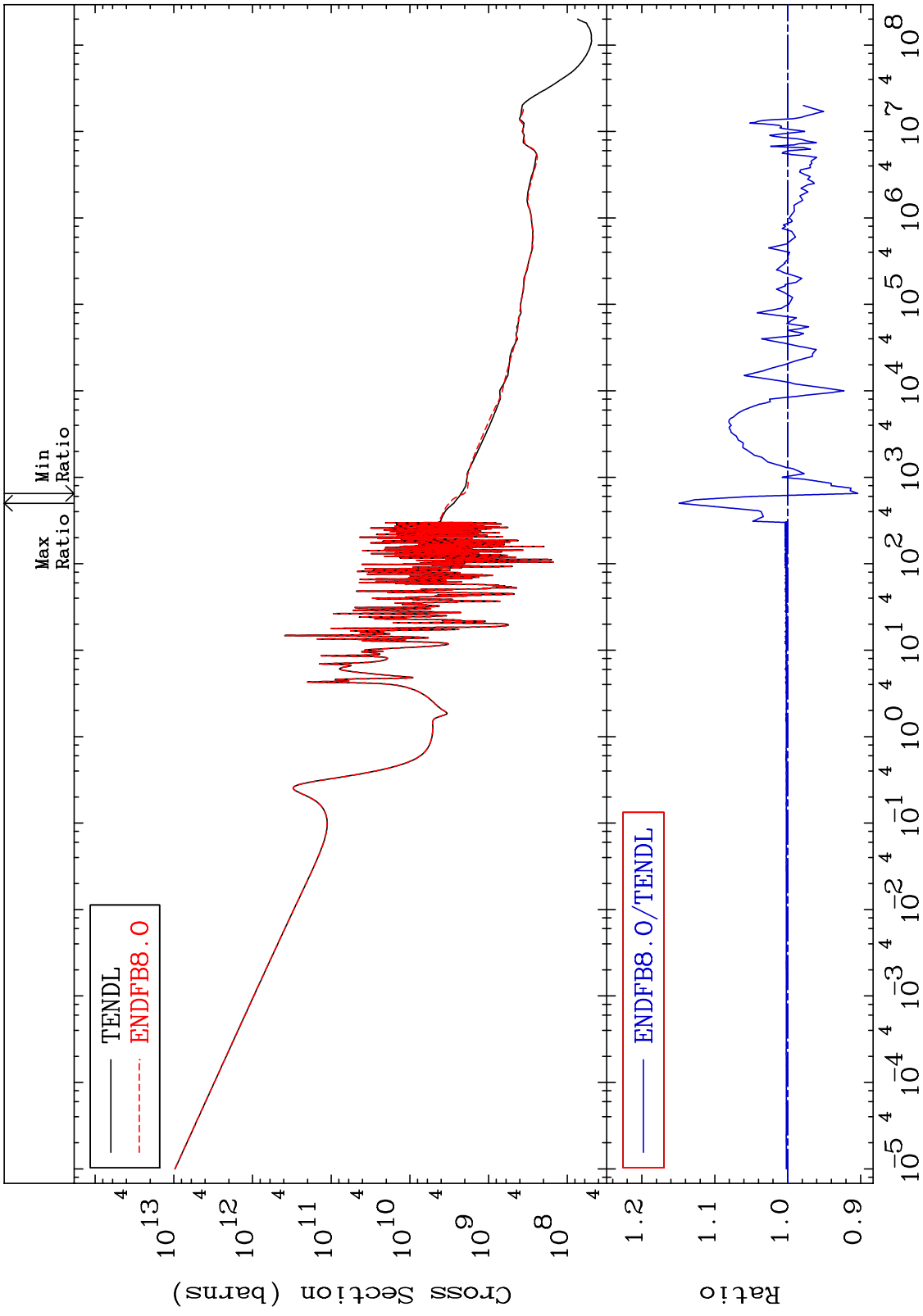


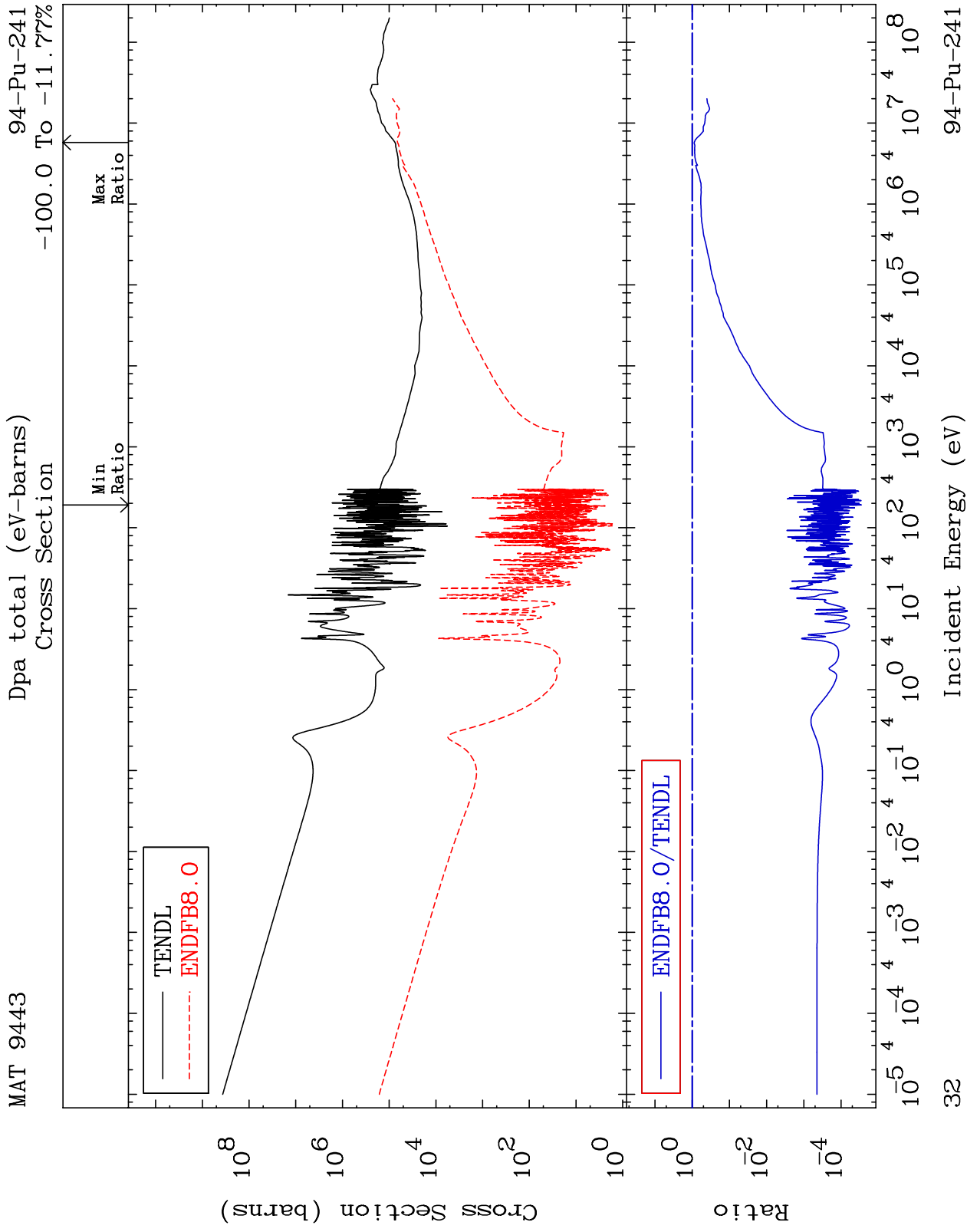
MAT 9443 94-Pu-241
-55.46 To 1992. %
 Total photon (eV-barns)
 Cross Section



Incident Energy (eV) 94-Pu-241

MAT 9443 Total kinematic kerma (high limit) 94-Pu-241
 Cross Section -9.630 To 14.89 %

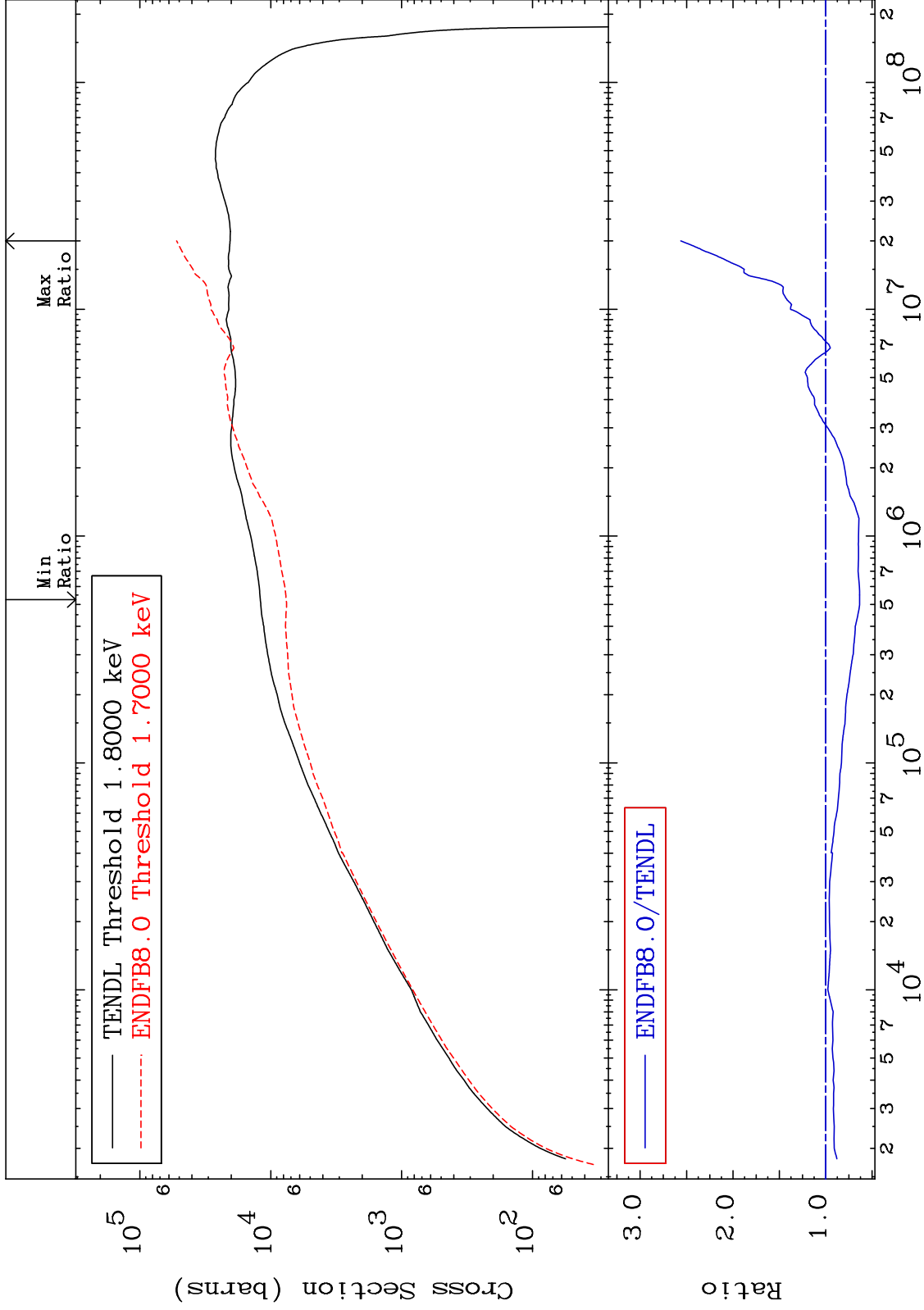


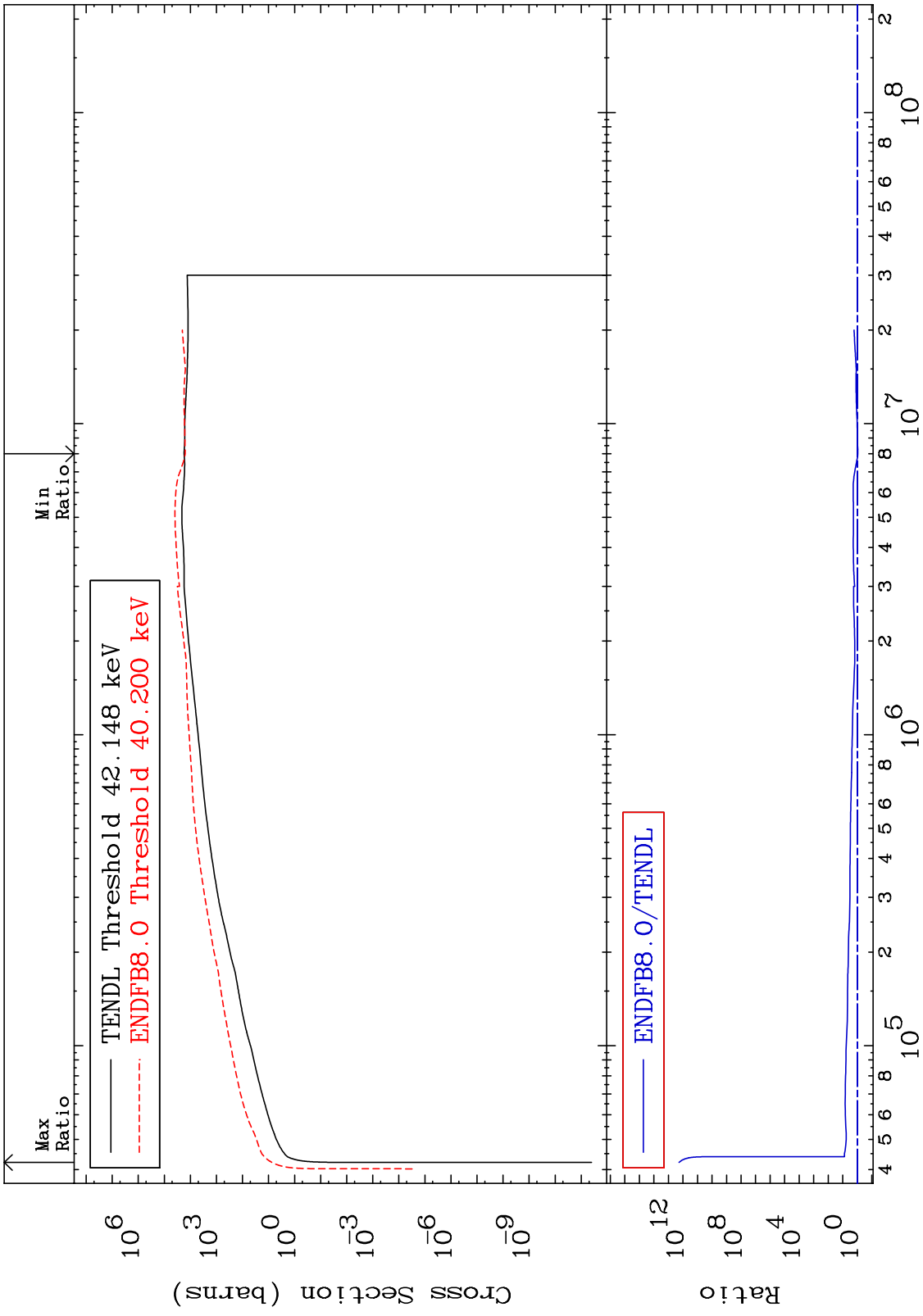


MAT 9443

Dpa elastic (mt2)
Cross Section

94-Pu-241
-36.61 To 156.2 %





MAT 9443

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-241
-100.0 To 9999. %

