

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

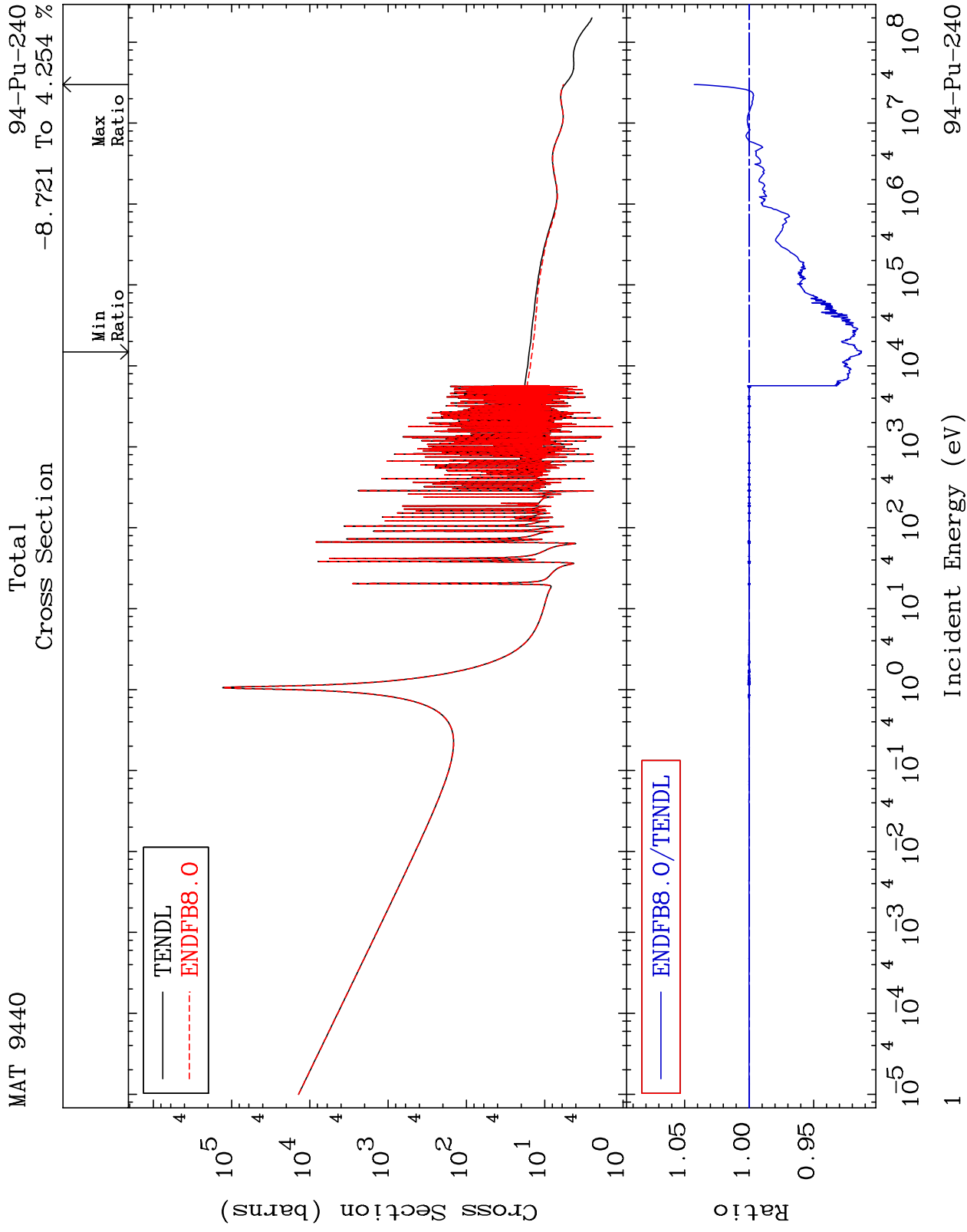
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U.S.A.

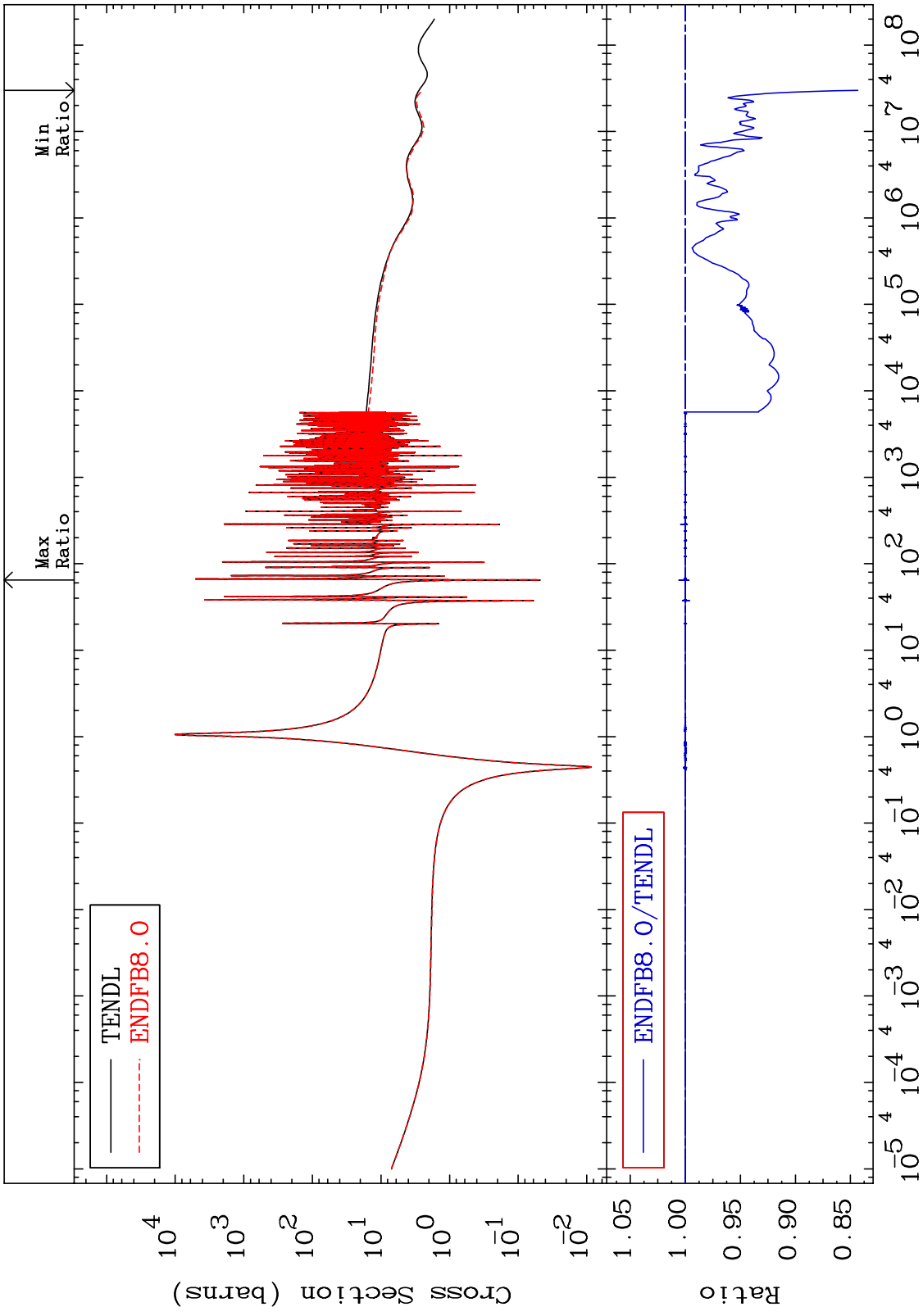
Tele: 925-443-1911

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

Press Mouse Button to Start

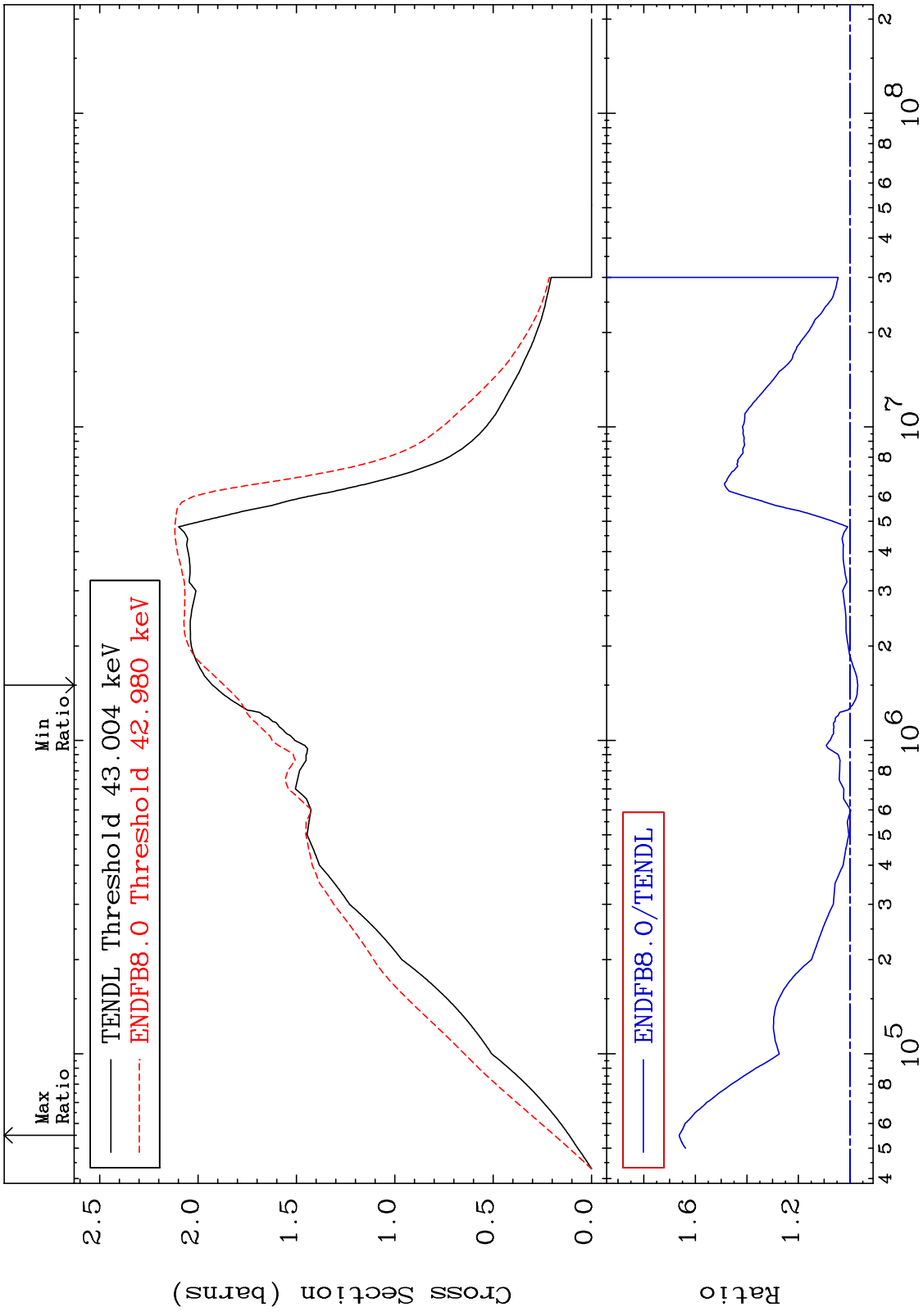


MAT 9440 Elastic Cross Section 94-Pu-240
-15.67 To 0.569 %

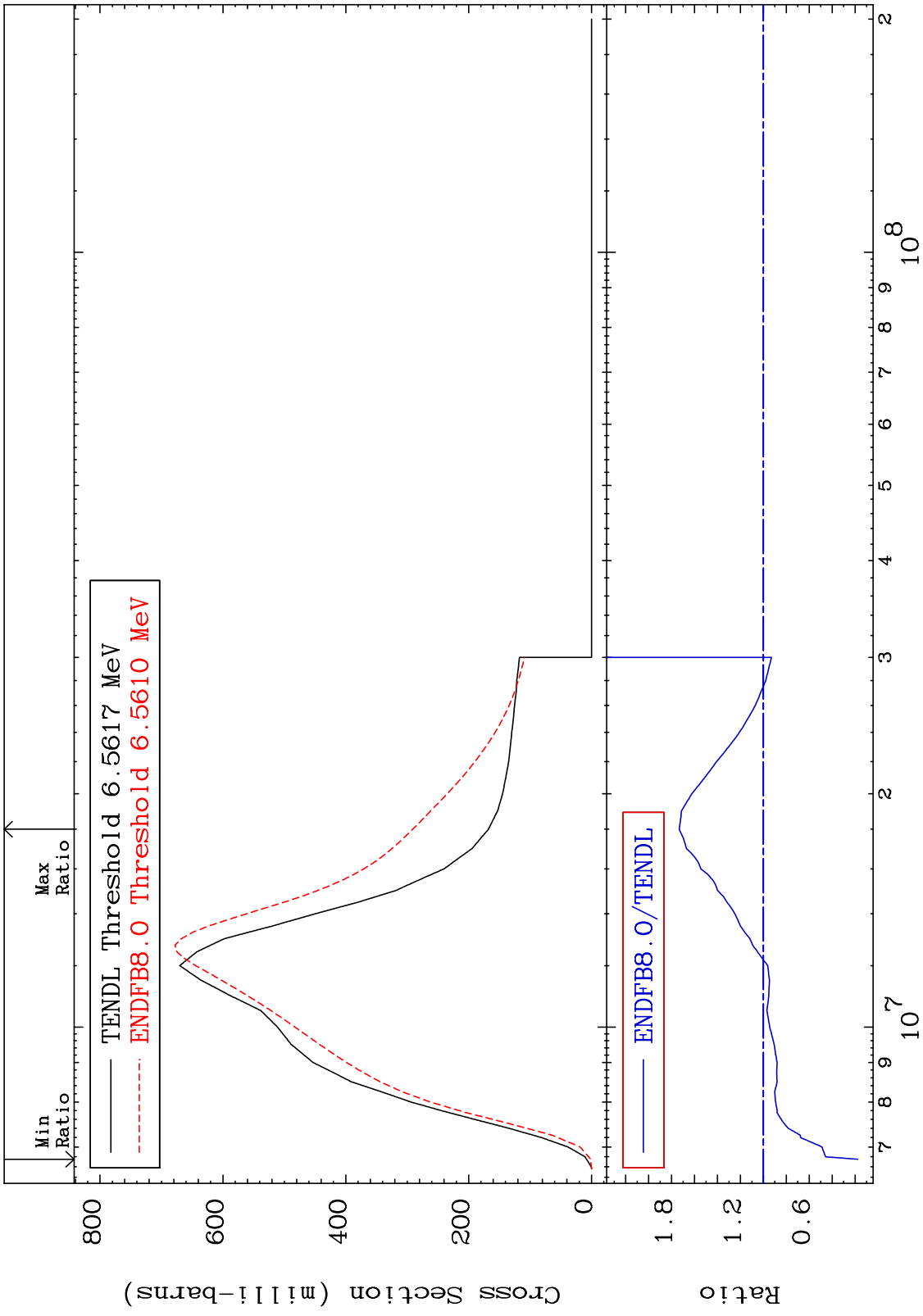


2 94-Pu-240

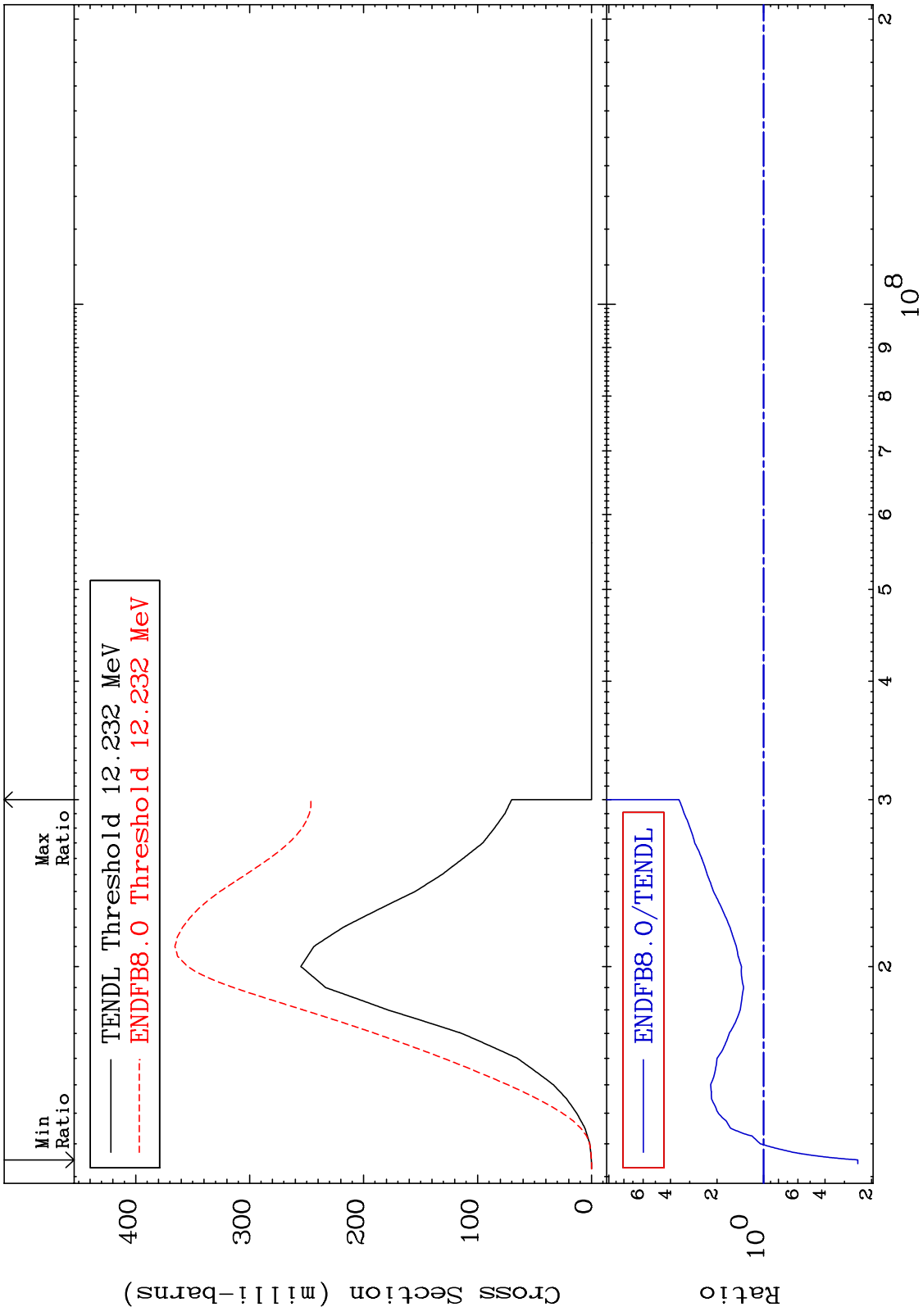
MAT 9440 Inelastic Cross Section 94-Pu-240 -3.070 To 66.33 %



MAT 9440 94-Pu-240
-82.35 To 73.48 %
 (n,2n)
 Cross Section



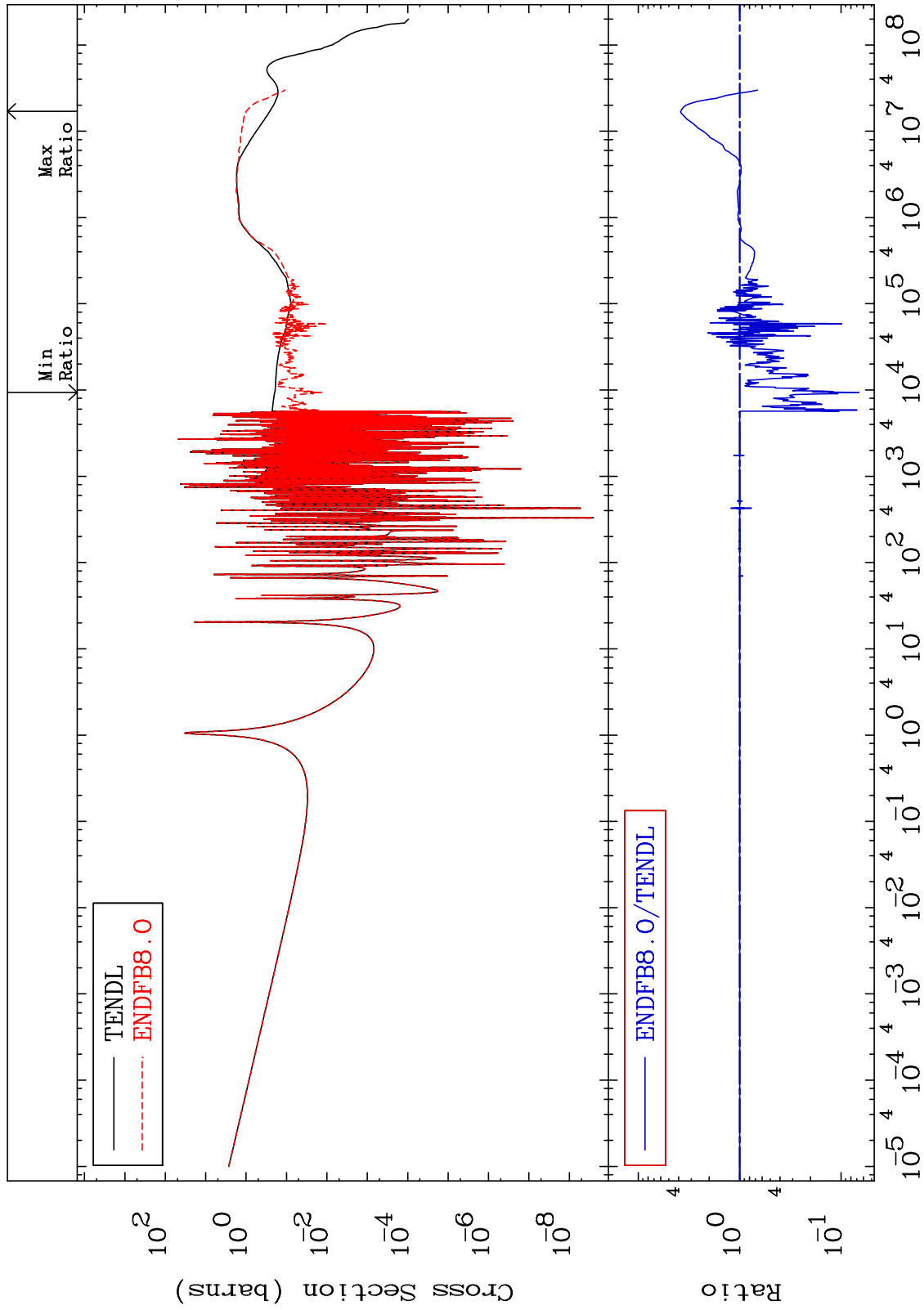
MAT 9440 94-Pu-240
-75.46 To 251.8 %
 (n,3n)
 Cross Section



MAT 9440

(n,f) First Chance
Cross Section

94-Pu-240
-93.35 To 282.0 %

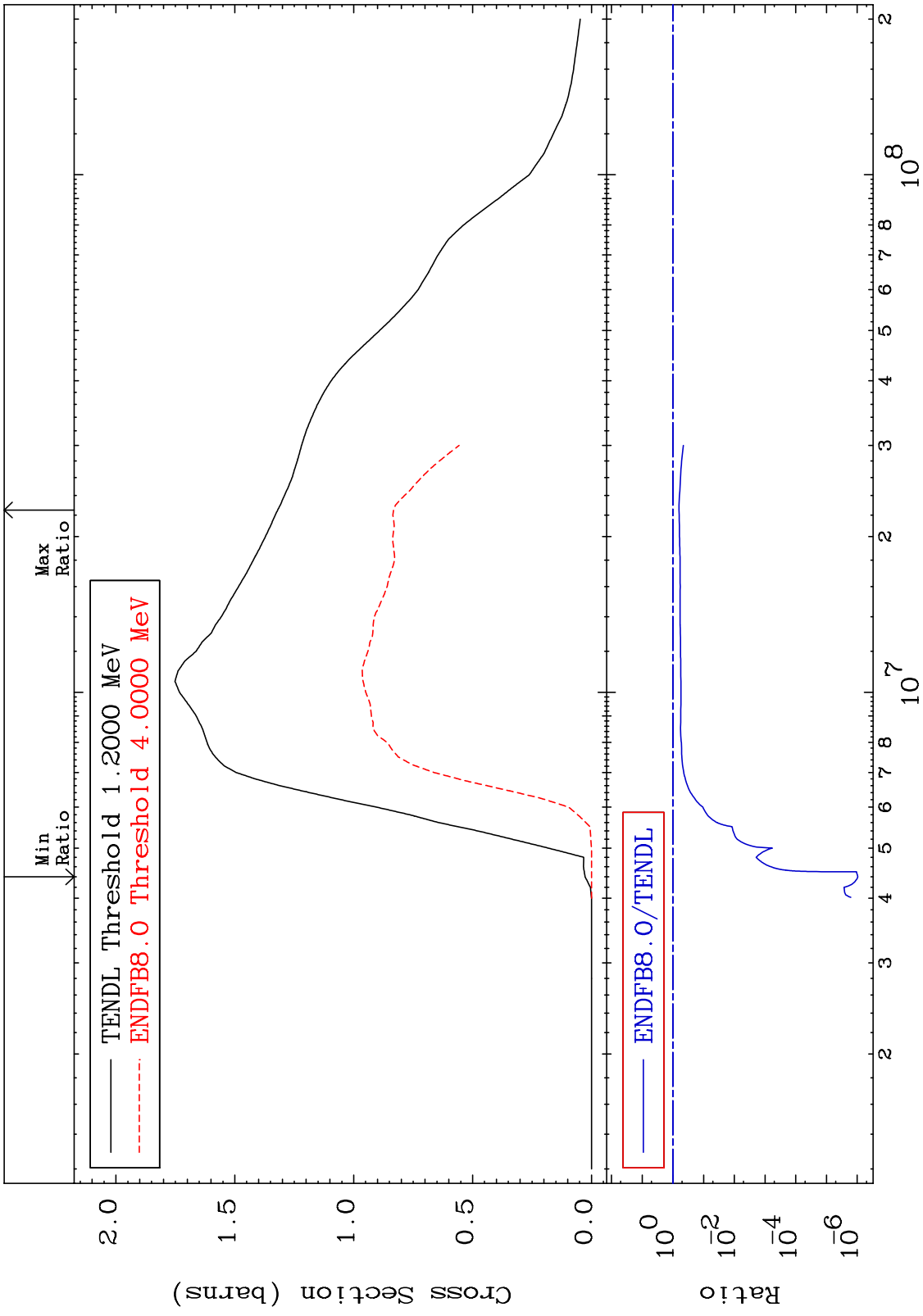


7

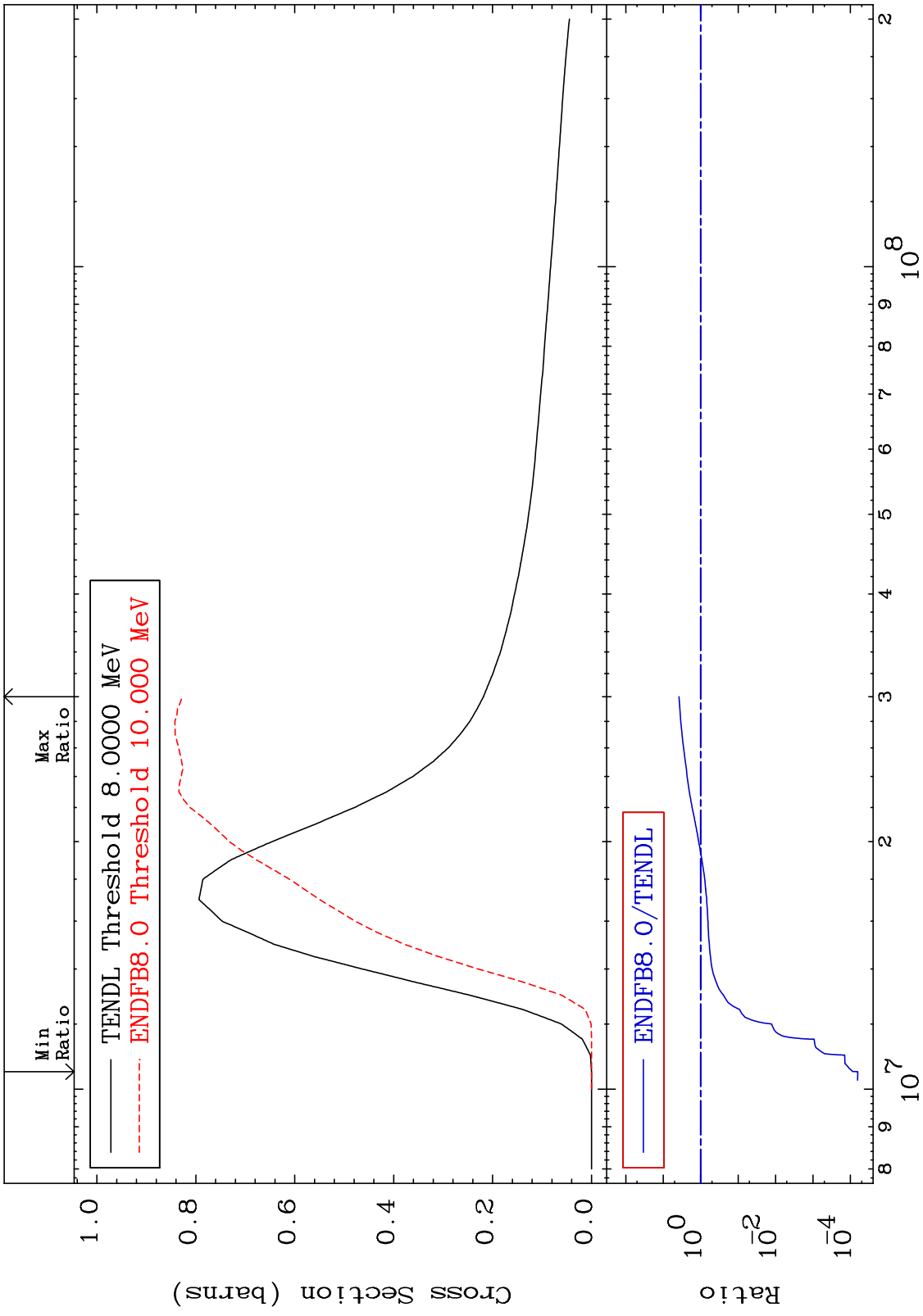
Incident Energy (eV)

94-Pu-240

MAT 9440 (n,nf) Second Chance Cross Section 94-Pu-240 -100.0 To -36.94%

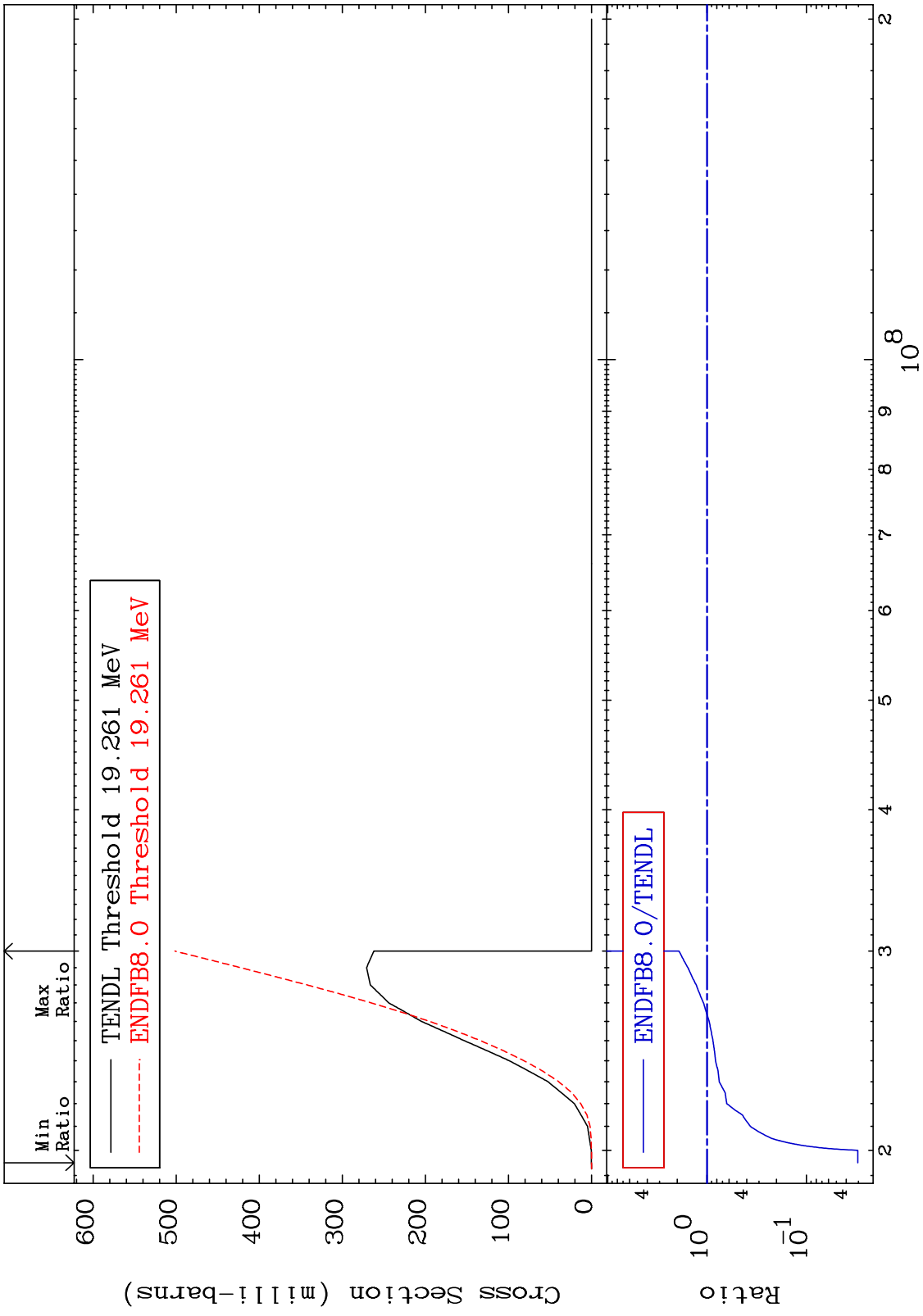


MAT 9440 (n,2nf) Third Chance Cross Section 94-Pu-240 -99.99 To 278.9 %



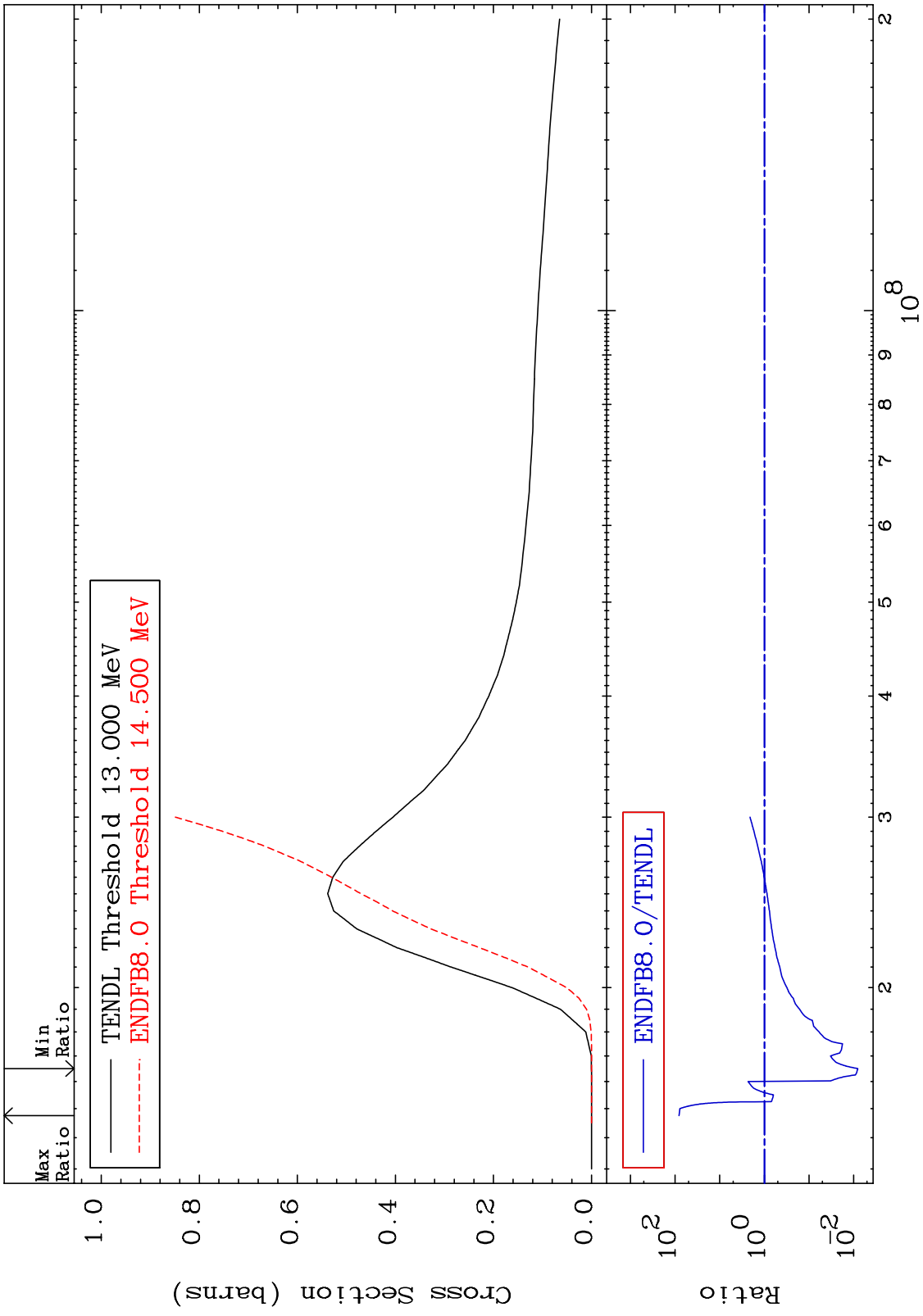
94-Pu-240

MAT 9440 (n,4n) 94-Pu-240
 Cross Section -96.95 To 91.30 %

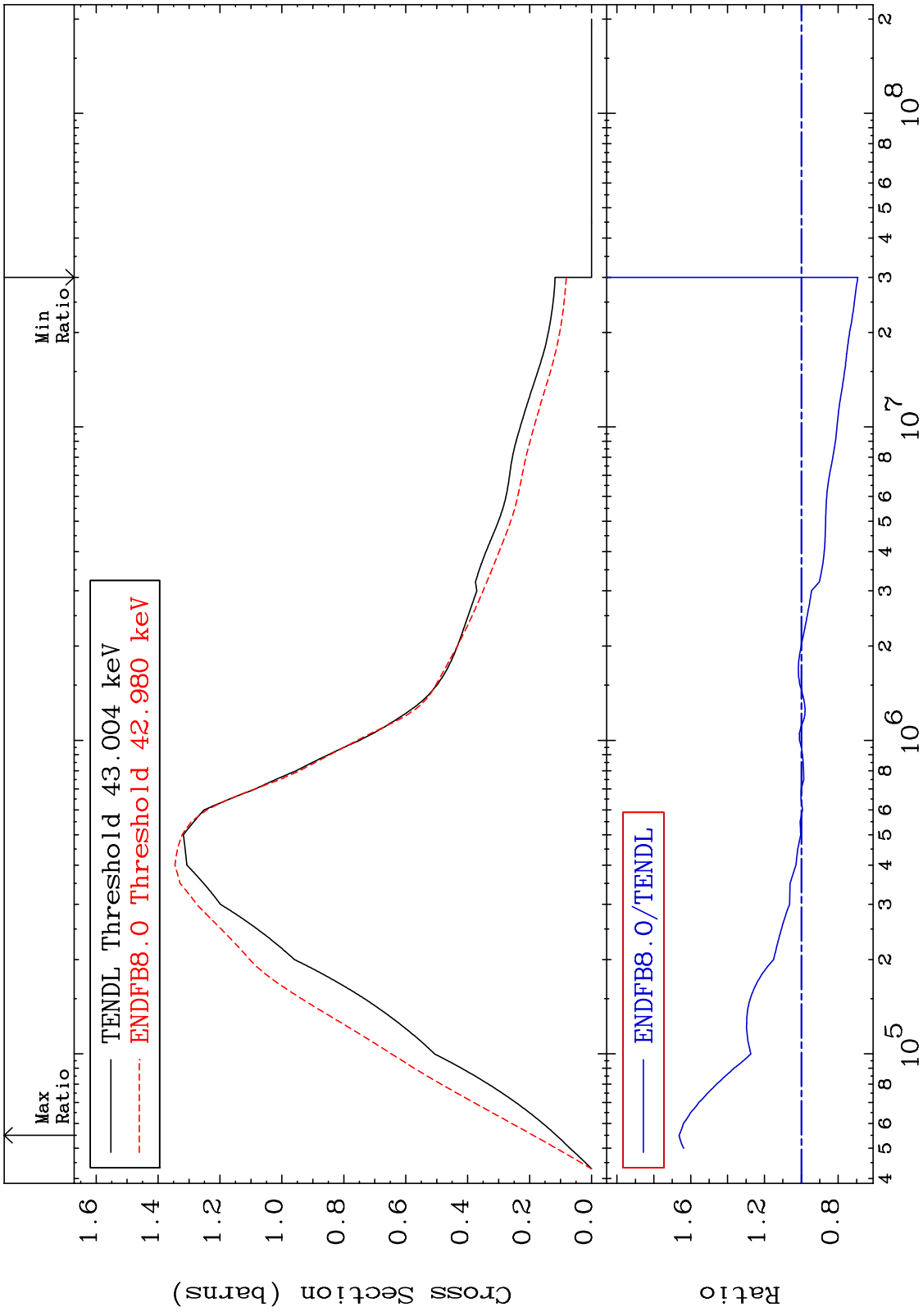


10 Incident Energy (eV) 94-Pu-240

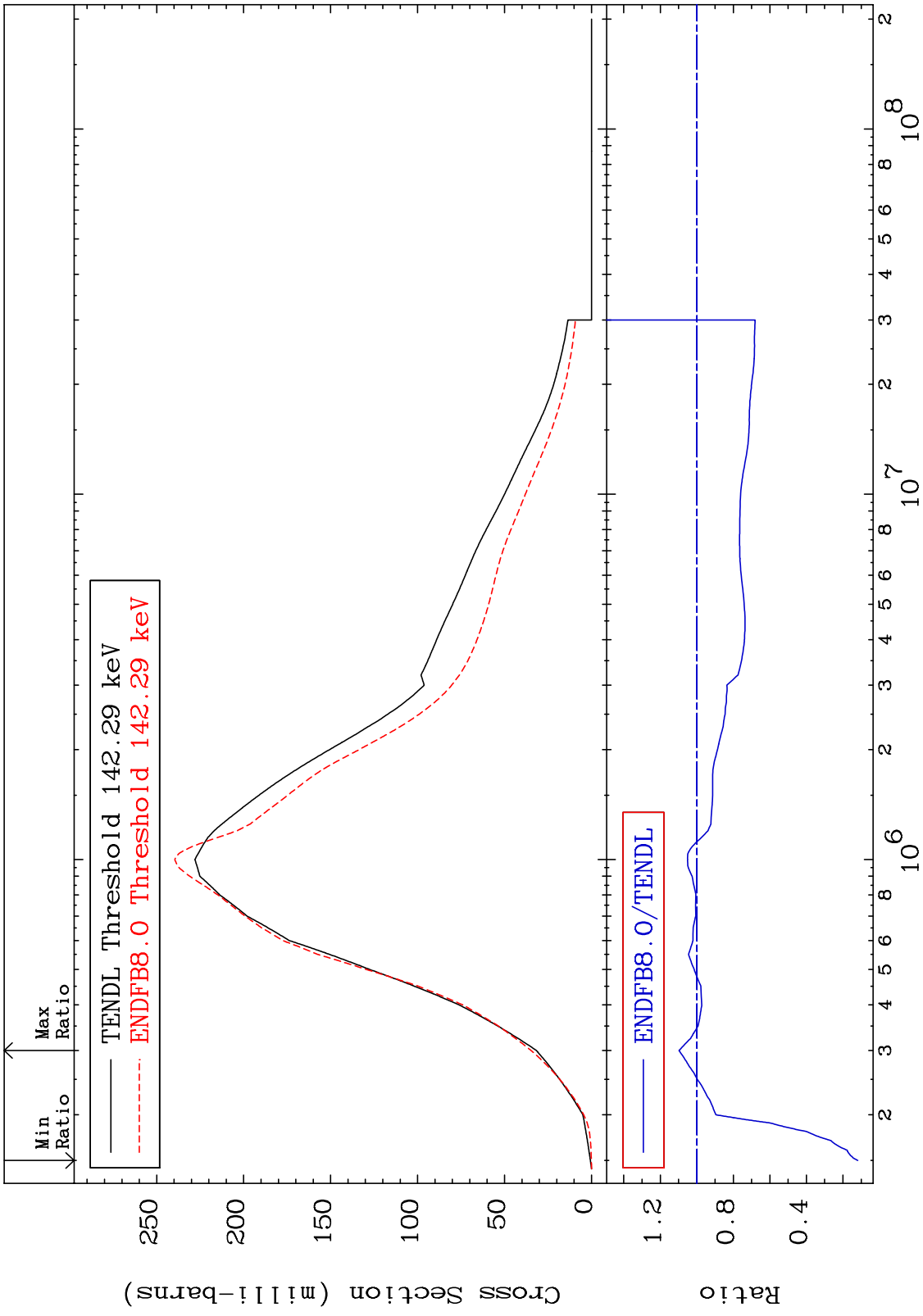
MAT 9440 (n,3nf) Fourth Chance Cross Section 94-Pu-240 -99.20 To 8050. %



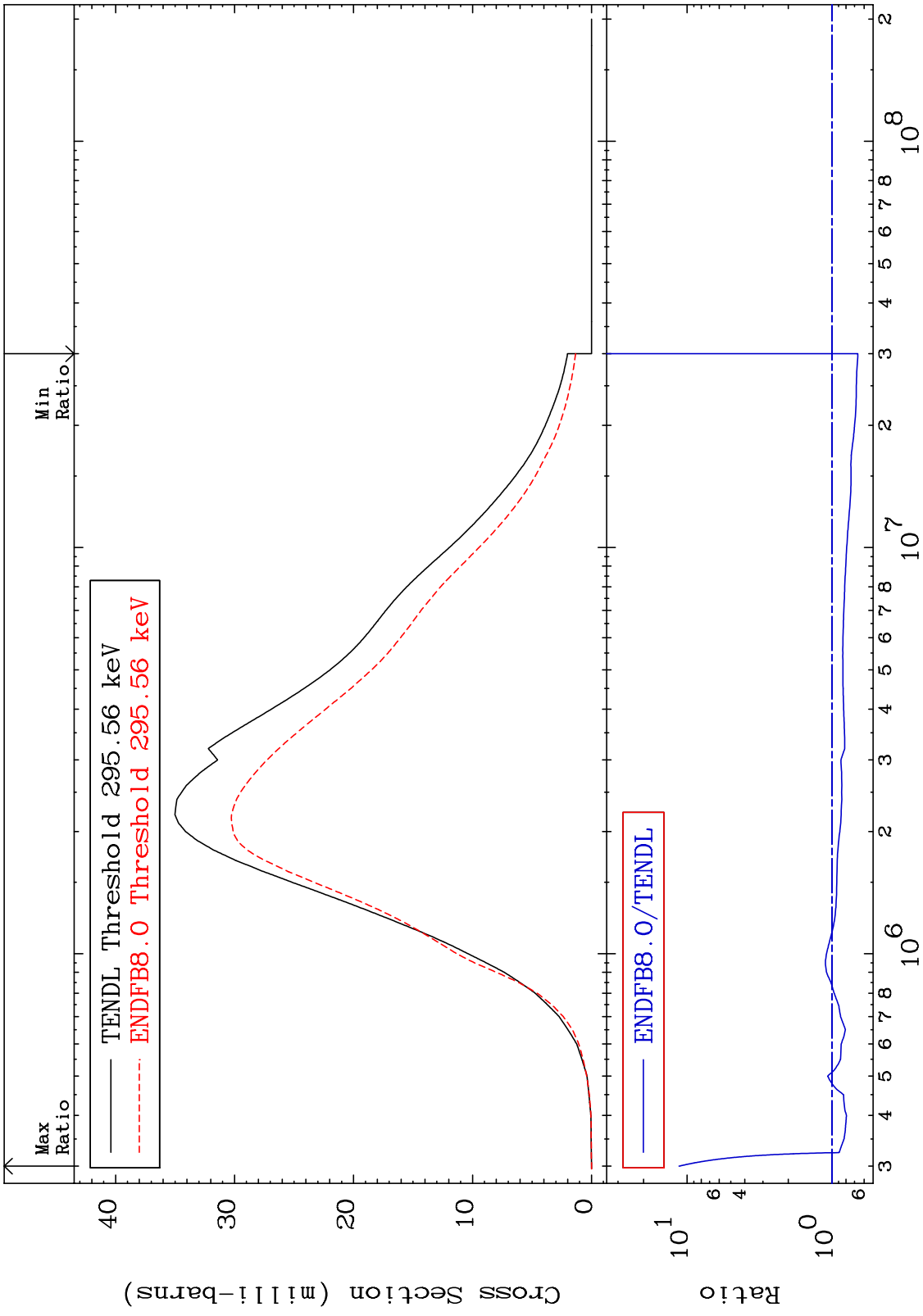
MAT 9440 MT= 51 (n,n') Level Cross Section 94-Pu-240
 -30.67 To 66.33 %



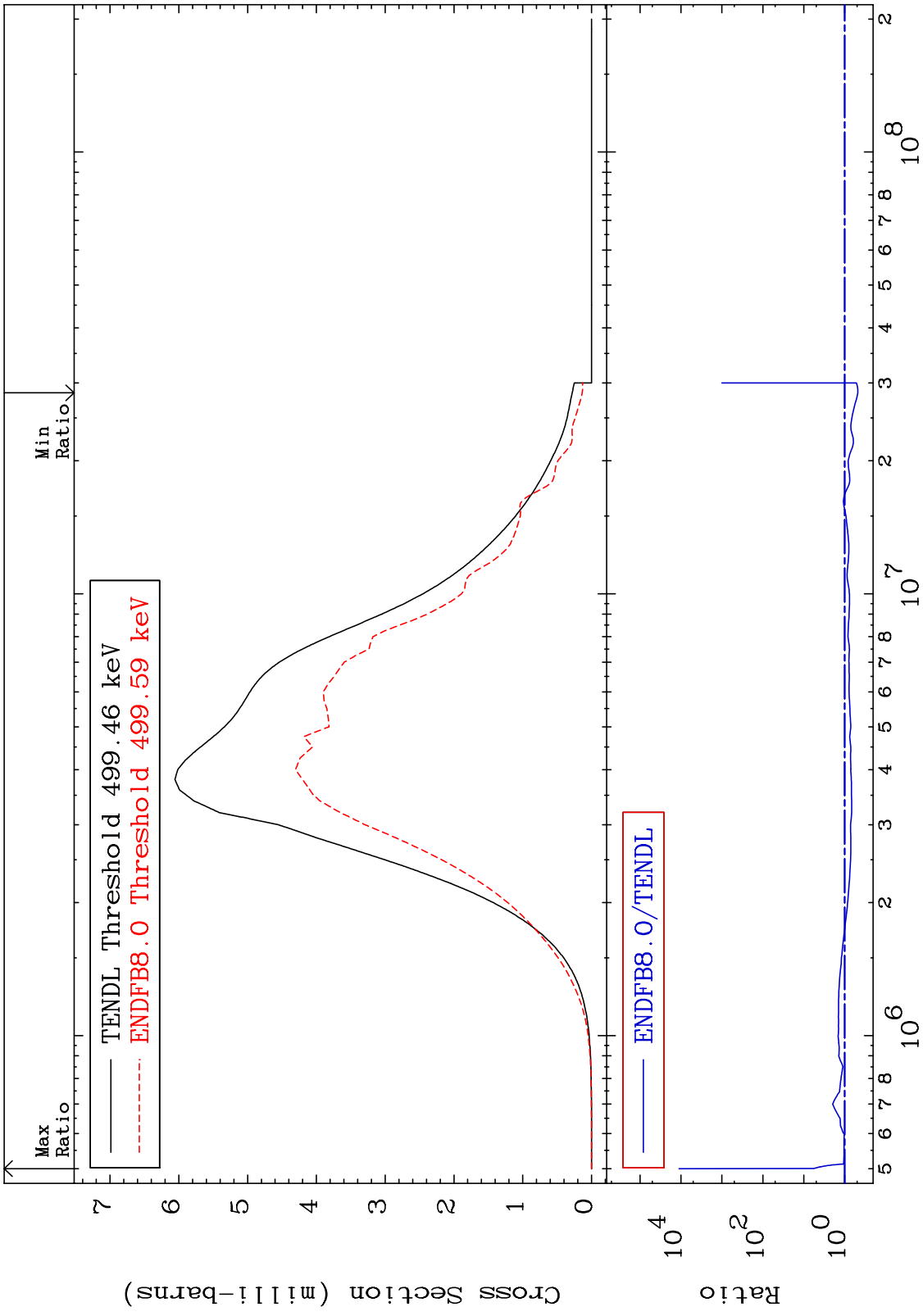
MAT 9440 MT= 52 (n,n') Level Cross Section 94-Pu-240
 -88.16 To 9.736 %



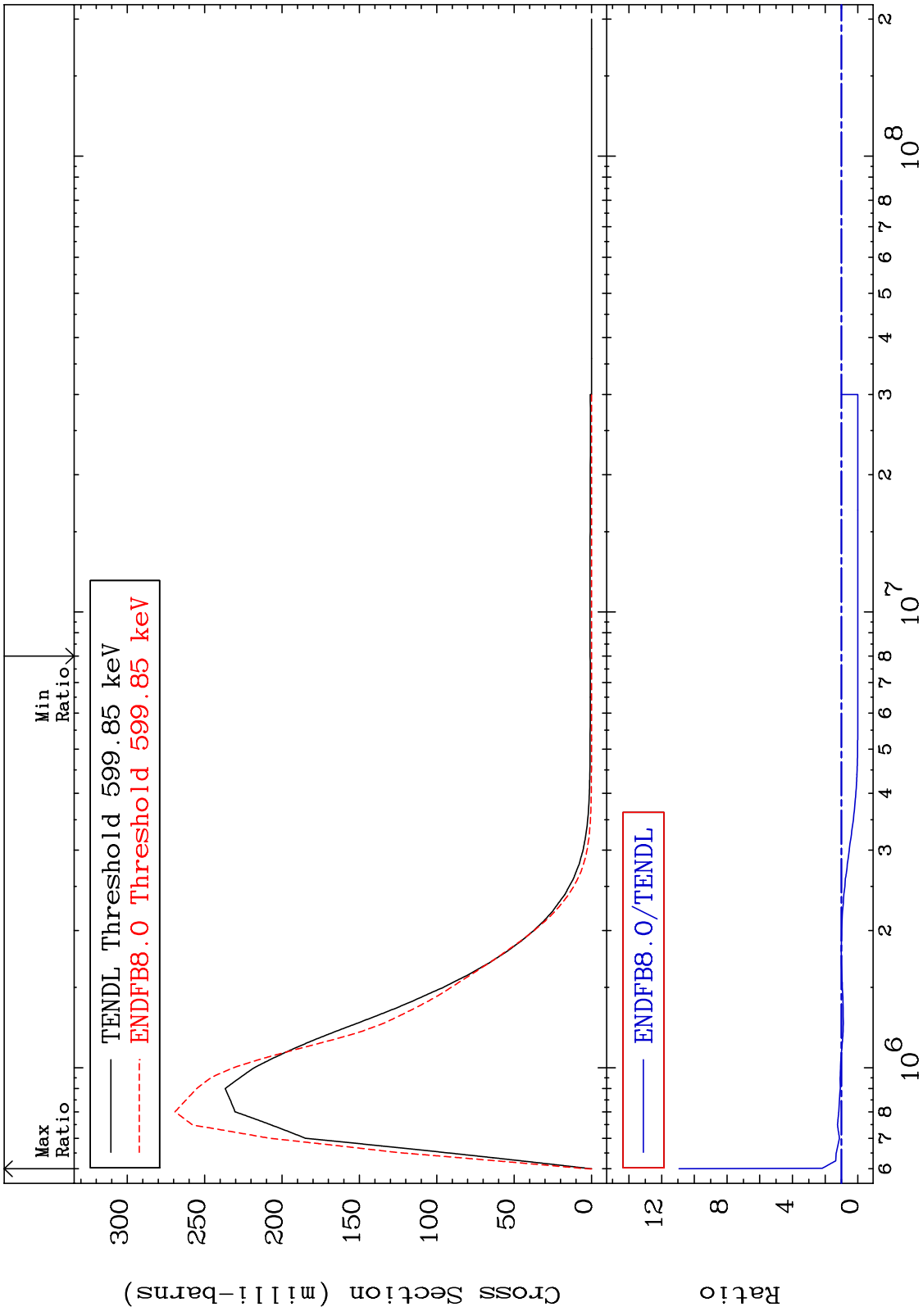
MAT 9440 MT= 53 (n,n') Level Cross Section 94-Pu-240
 -33.72 To 1037. %



MAT 9440 MT= 54 (n,n') Level Cross Section 94-Pu-240
 -52.00 To 9999. %

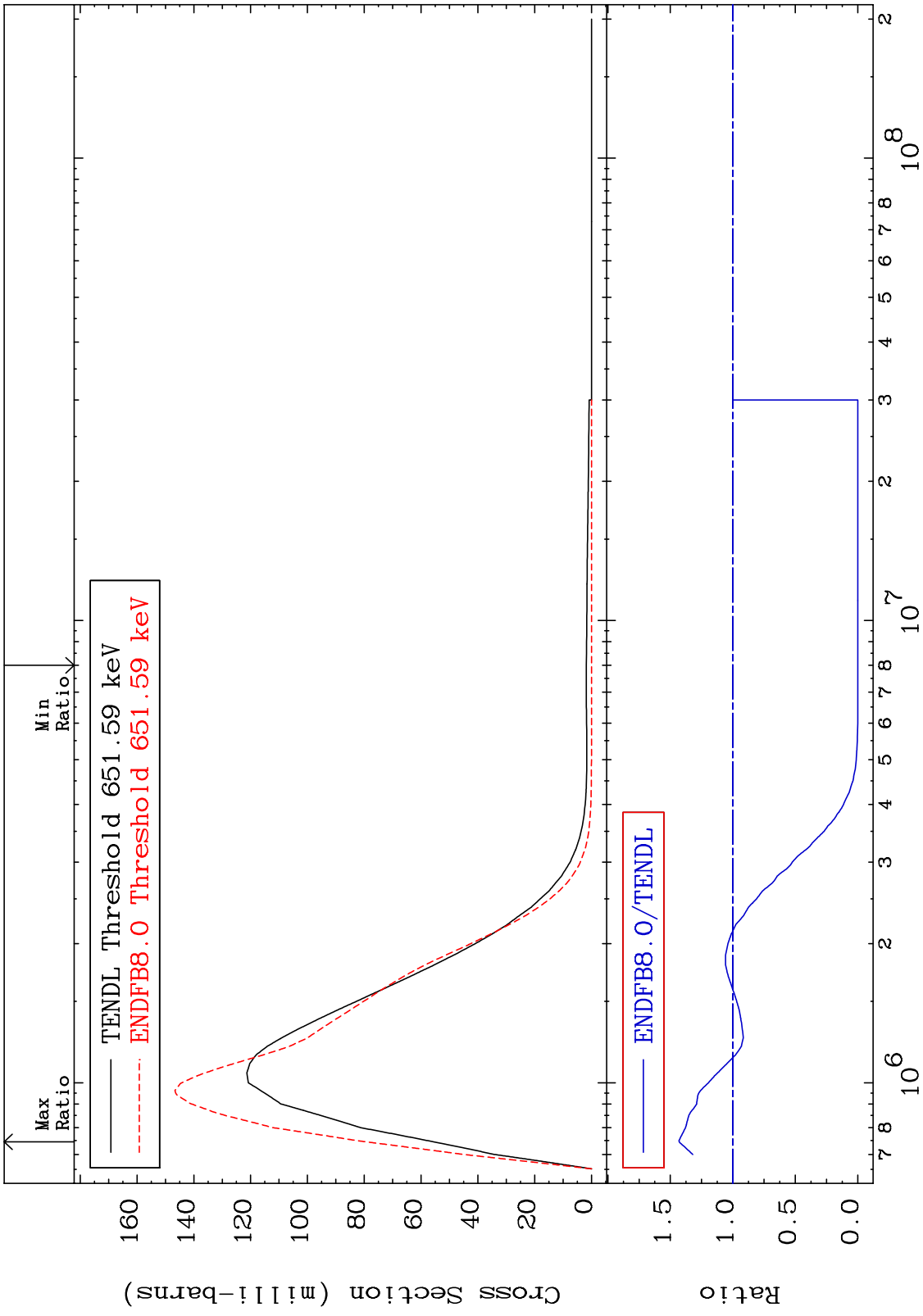


MAT 9440 MT= 55 (n,n') Level 94-Pu-240
 Cross Section -100.0 To 993.5 %

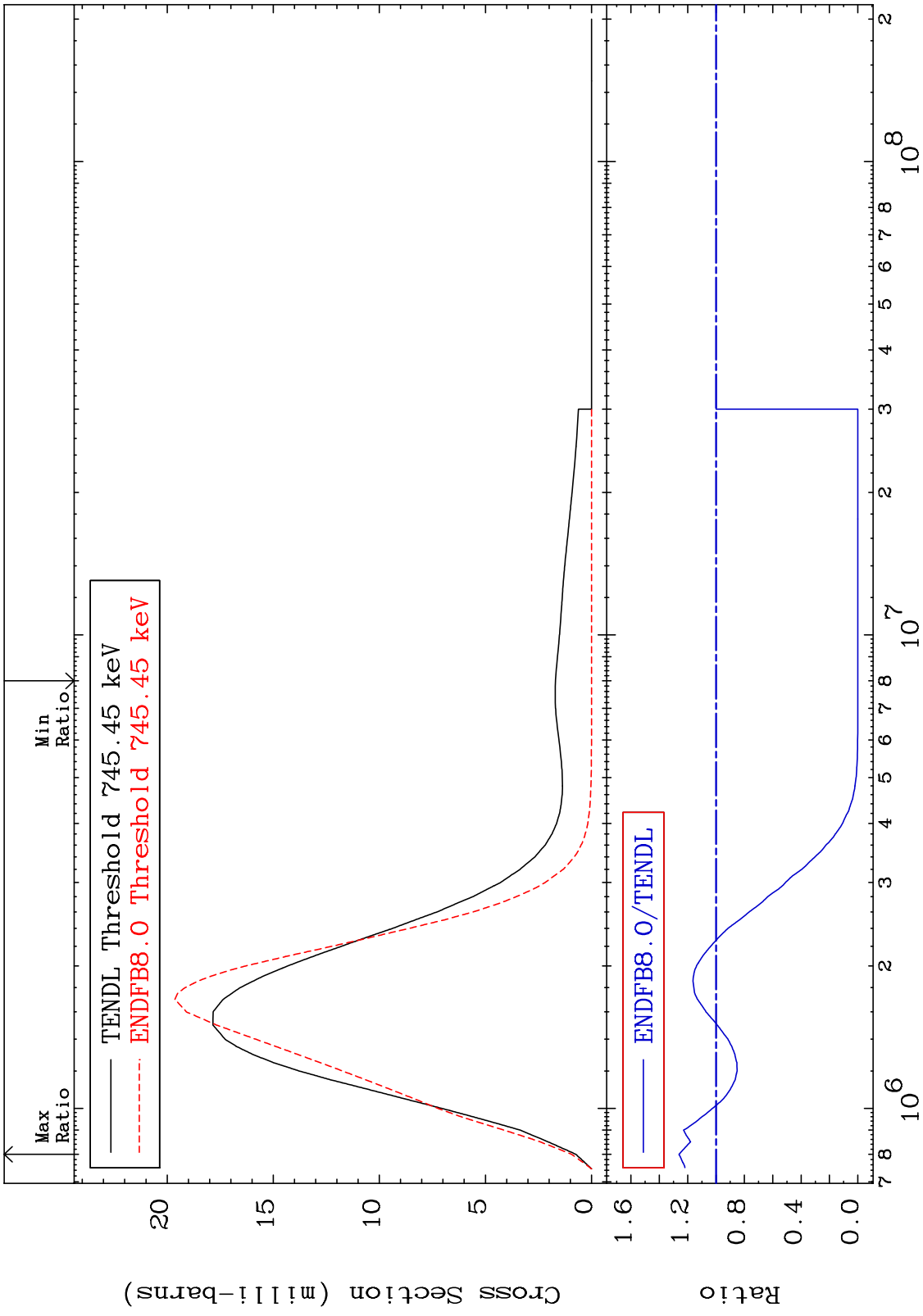


16 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 56 (n,n') Level Cross Section -100.0 To 43.04 % 94-Pu-240

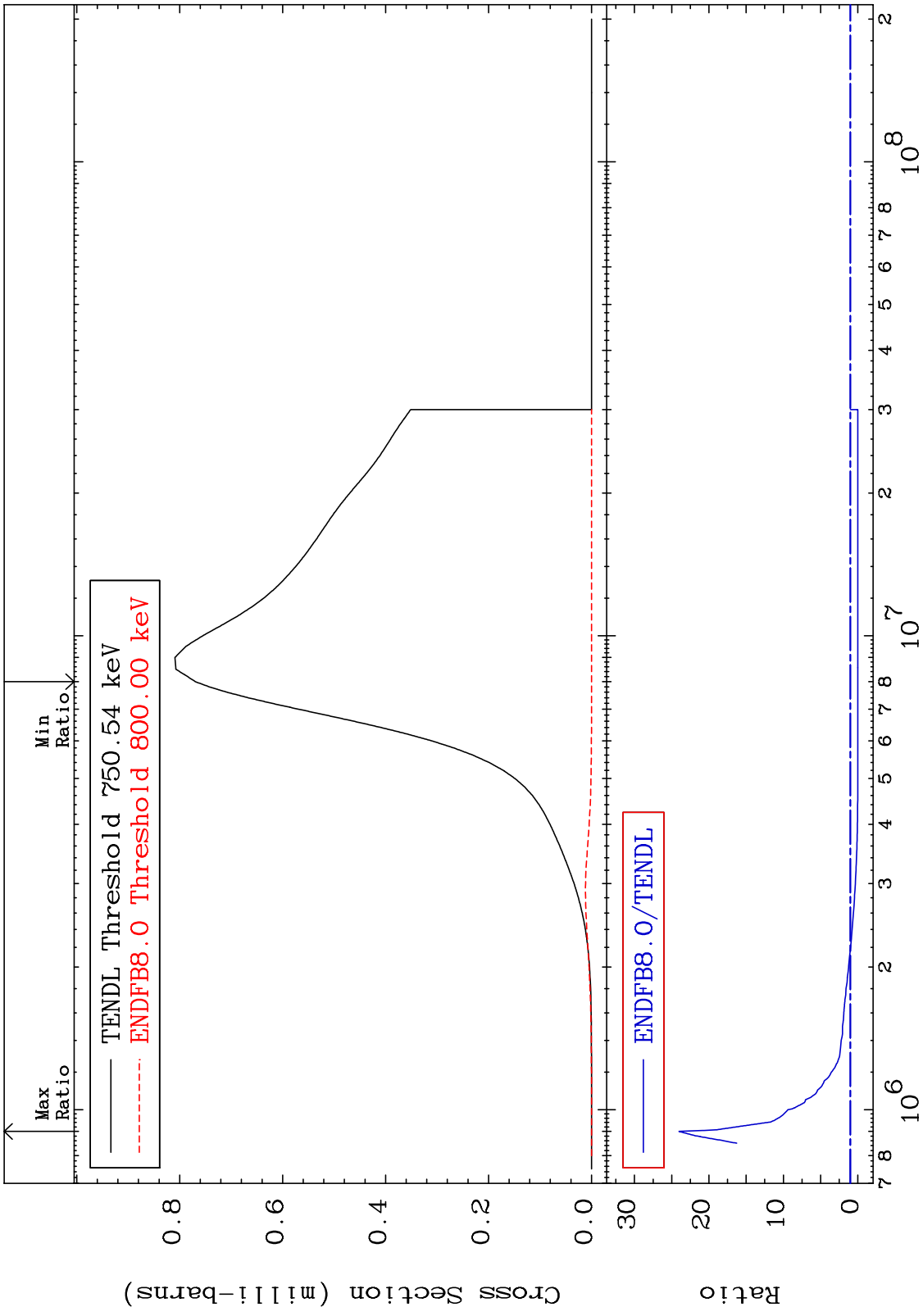


MAT 9440 MT= 57 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 26.08 %

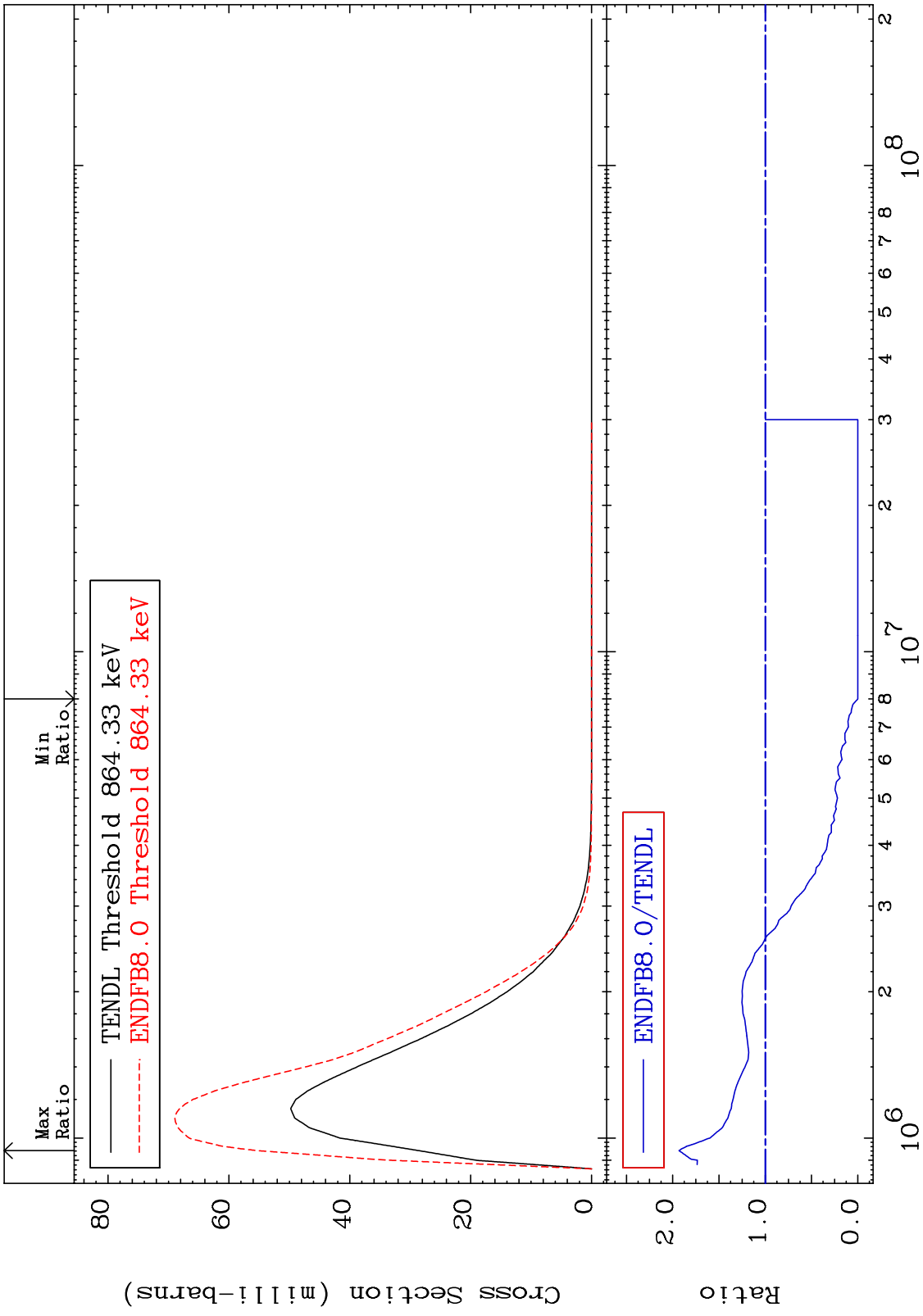


18 94-Pu-240

MAT 9440 MT= 58 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 2302. %

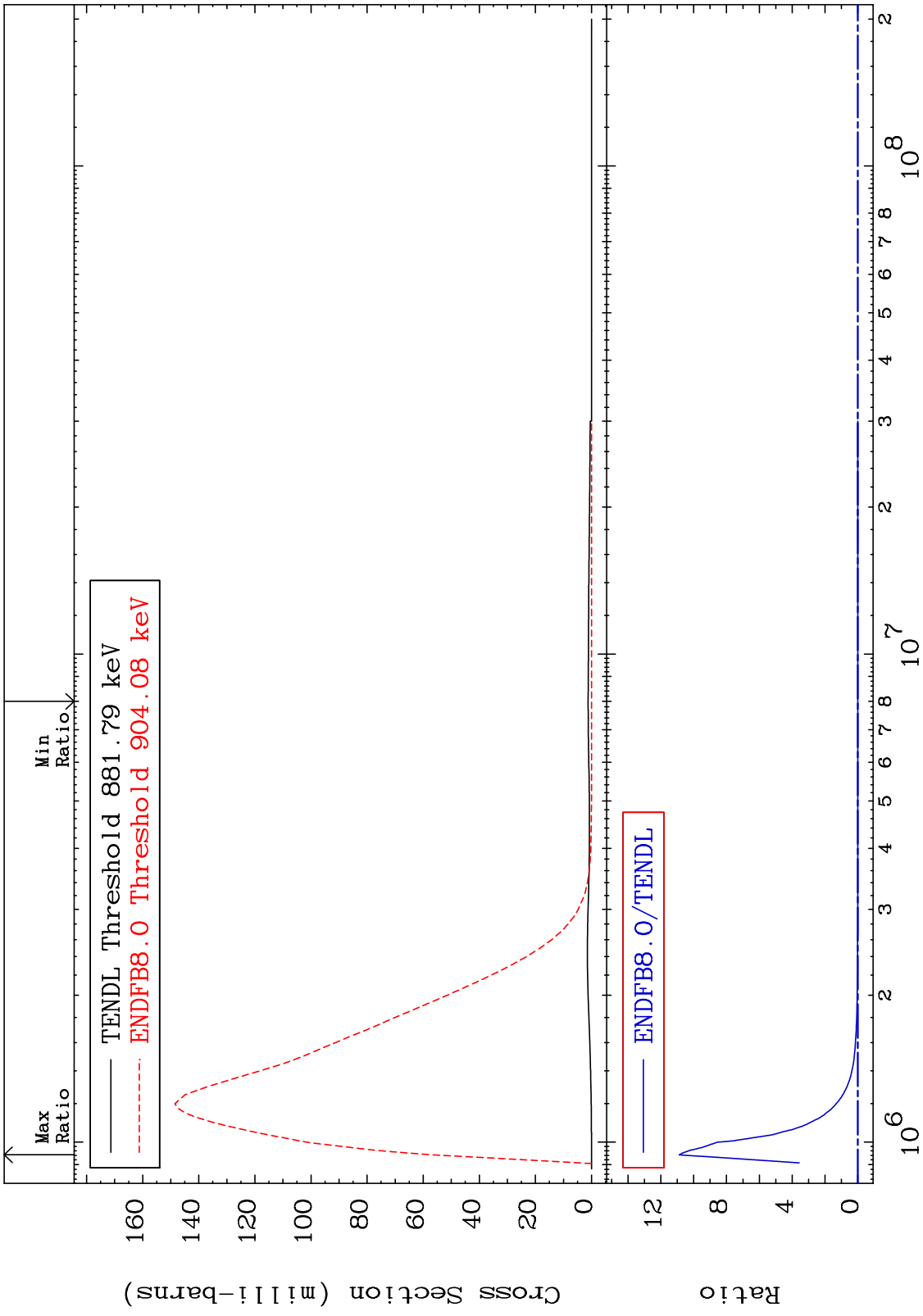


MAT 9440 MT= 59 (n,n') Level 94-Pu-240
Cross Section -100.0 To 93.15 %

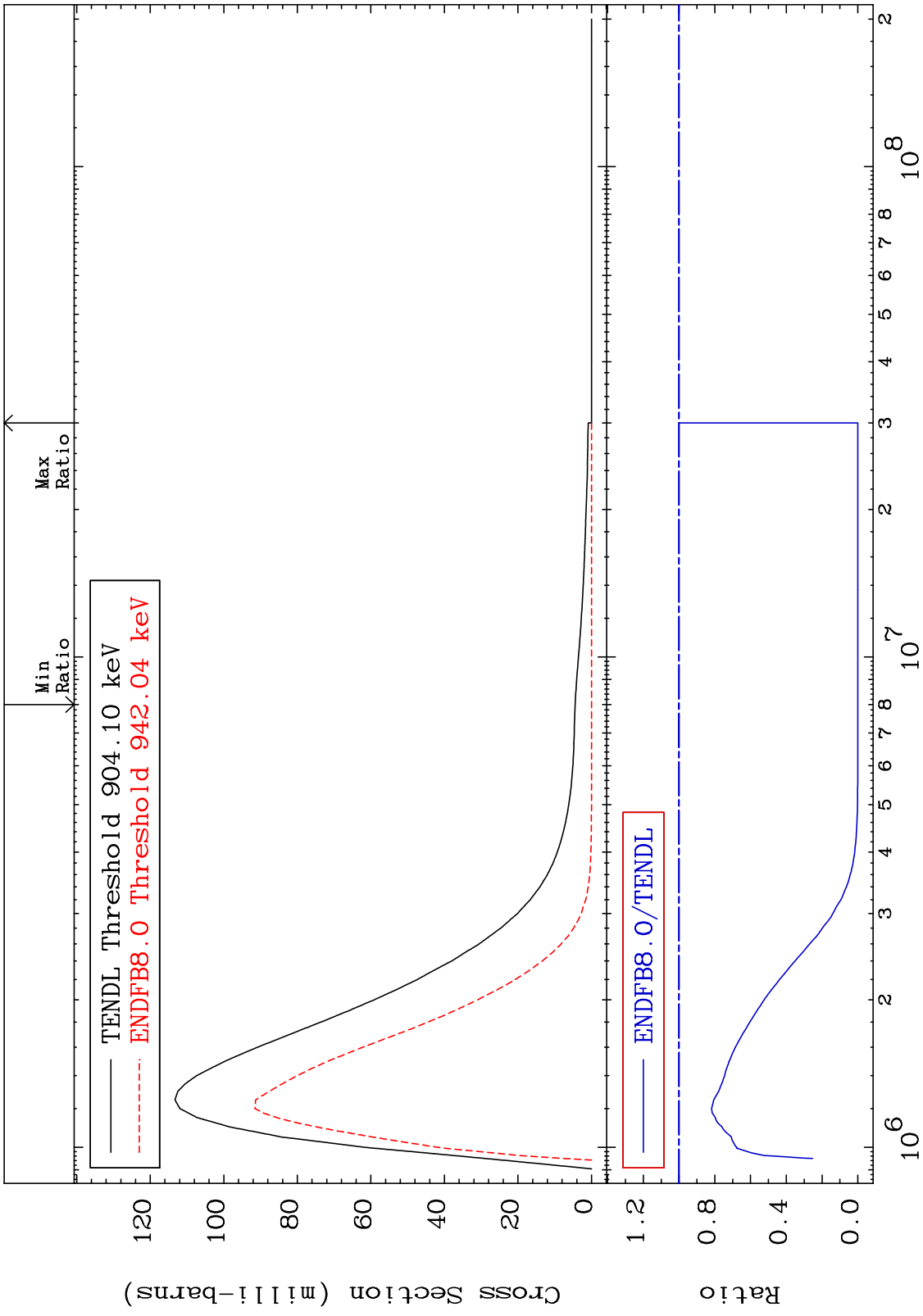


Incident Energy (eV) 94-Pu-240

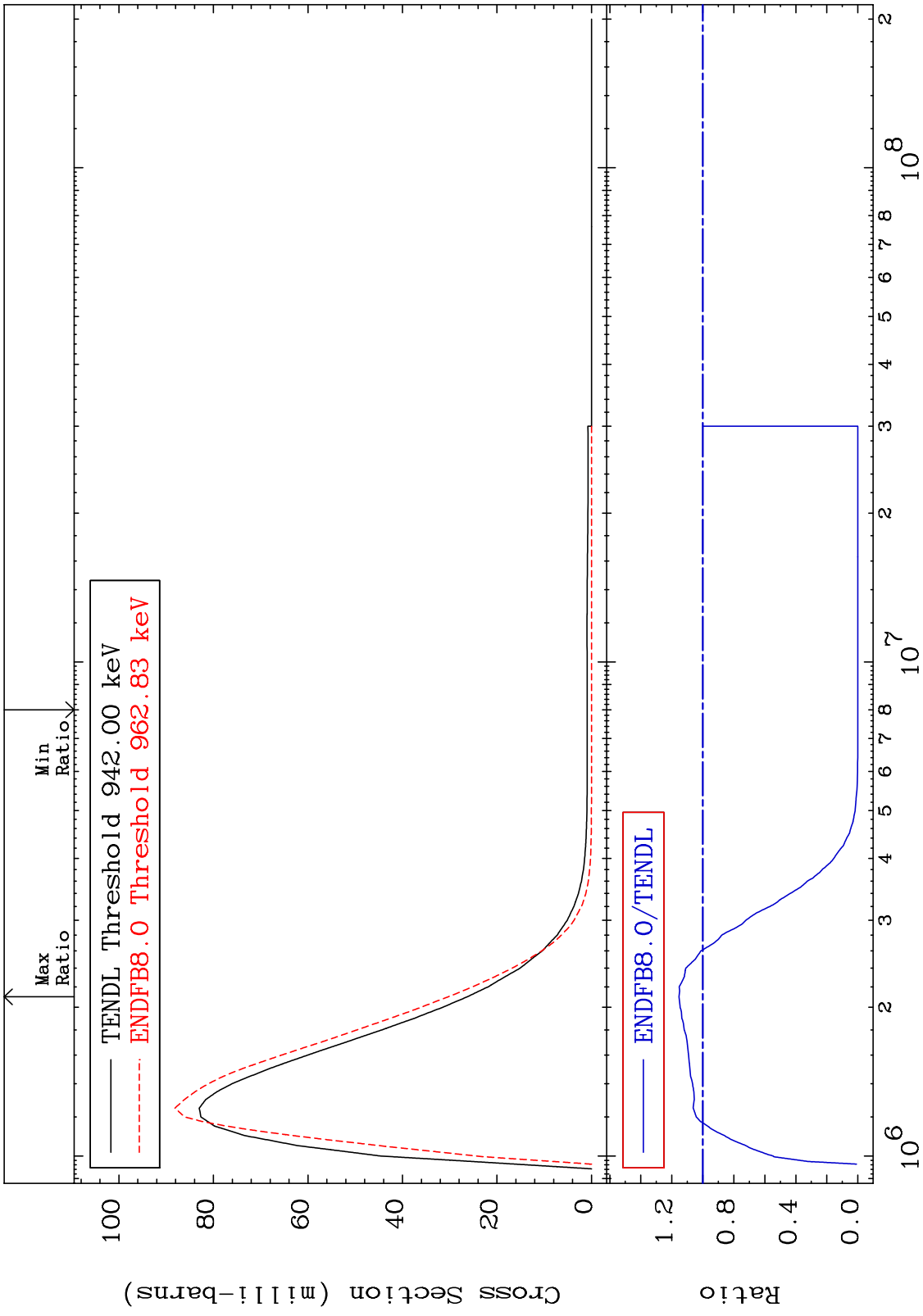
MAT 9440 MT= 60 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 9999. %



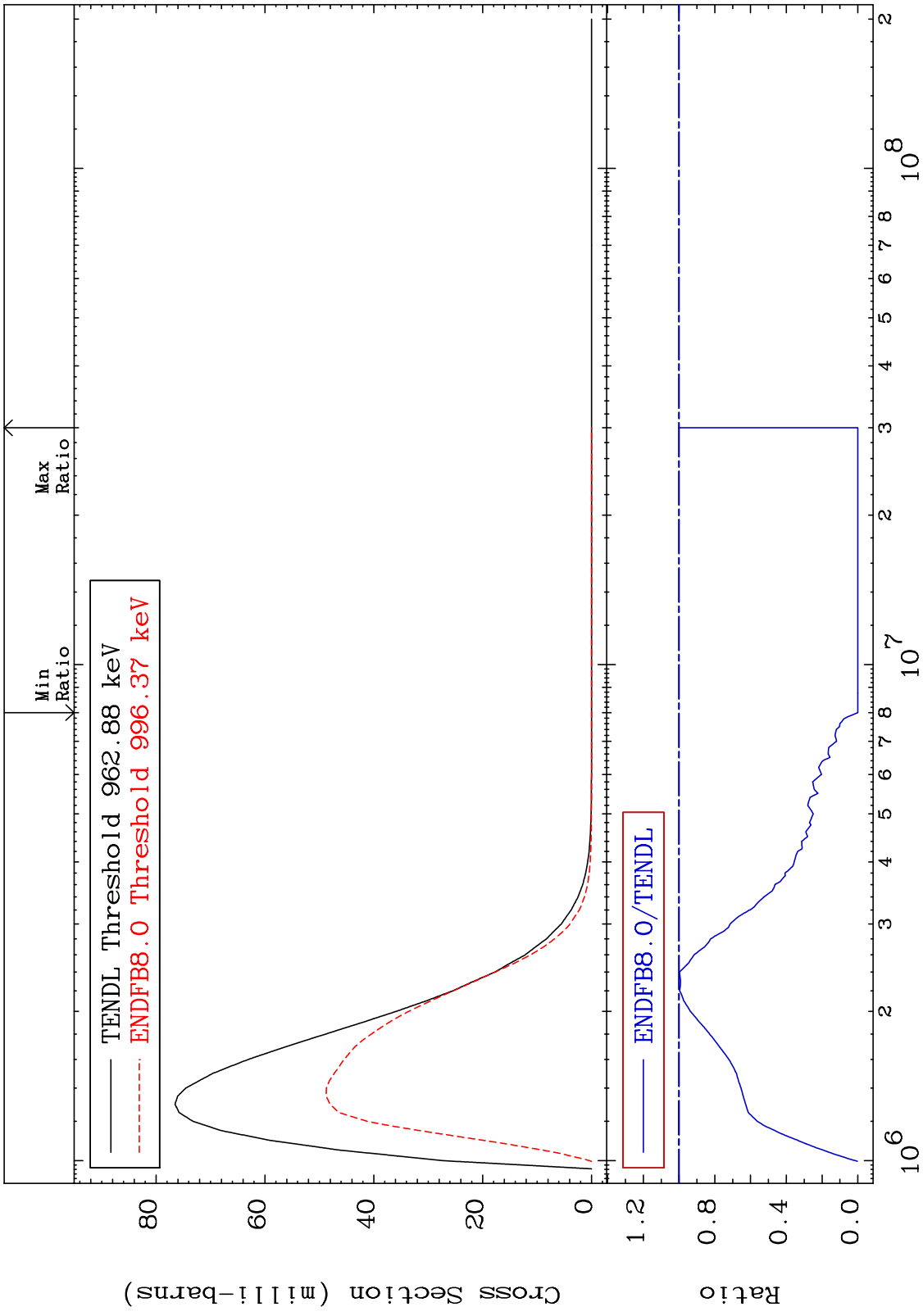
MAT 9440 MT= 61 (n,n') Level Cross Section 94-Pu-240 -100.0 To 0.000 %



MAT 9440 MT= 62 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 15.33 %

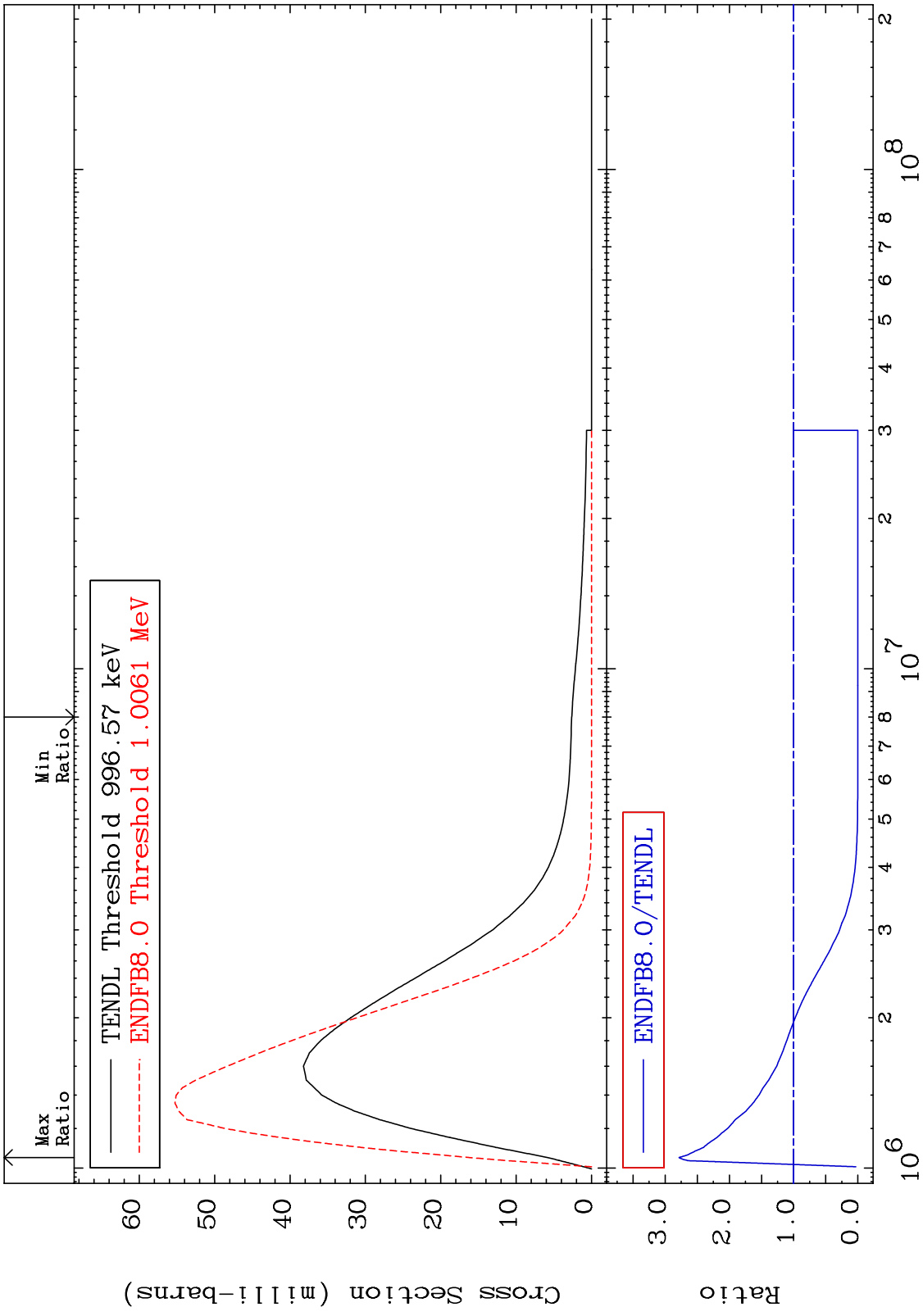


MAT 9440 MT= 63 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 0.000 %



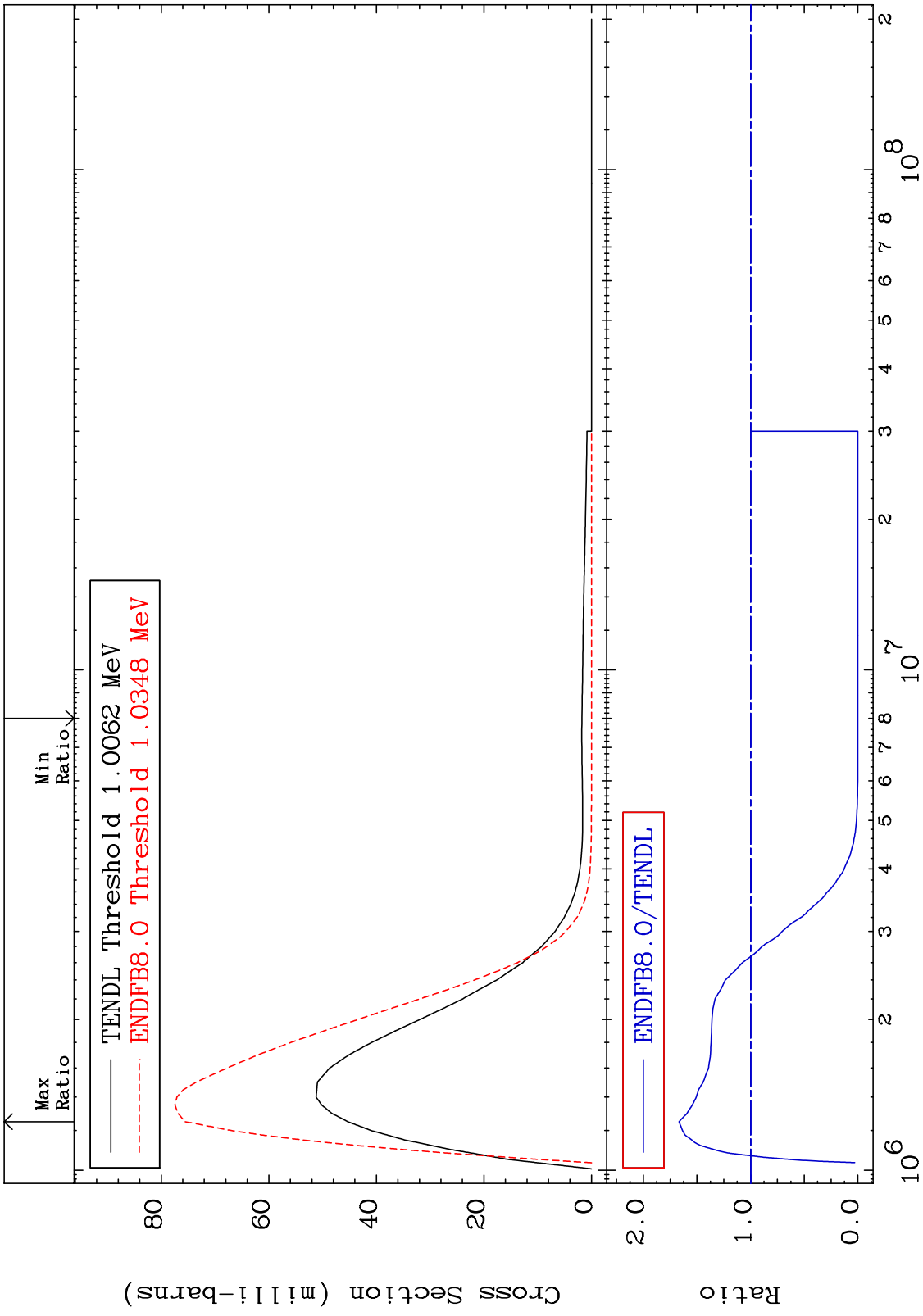
24 94-Pu-240 Incident Energy (eV)

MAT 9440 MT= 64 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 178.4 %

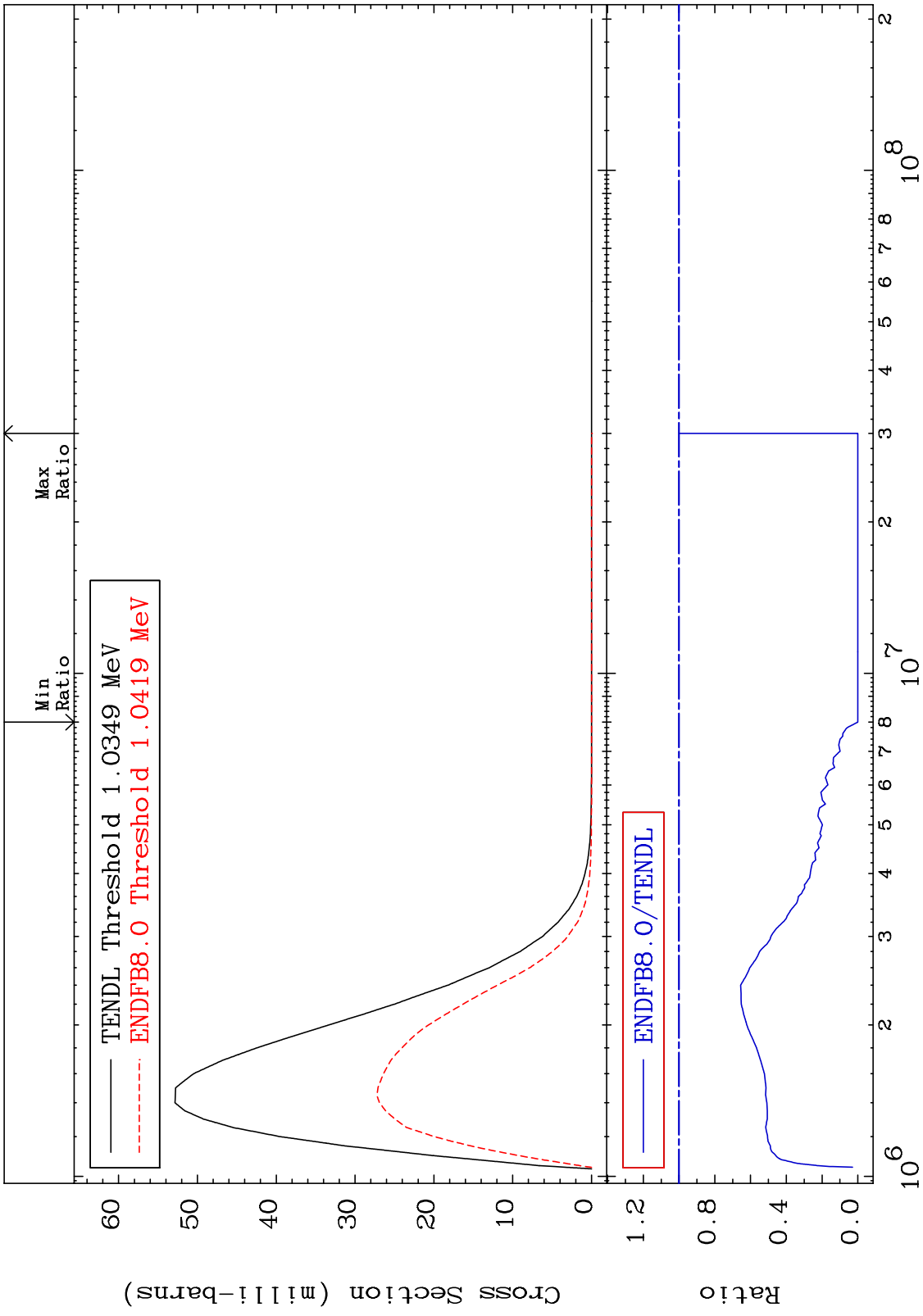


25 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 65 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 66.71 %

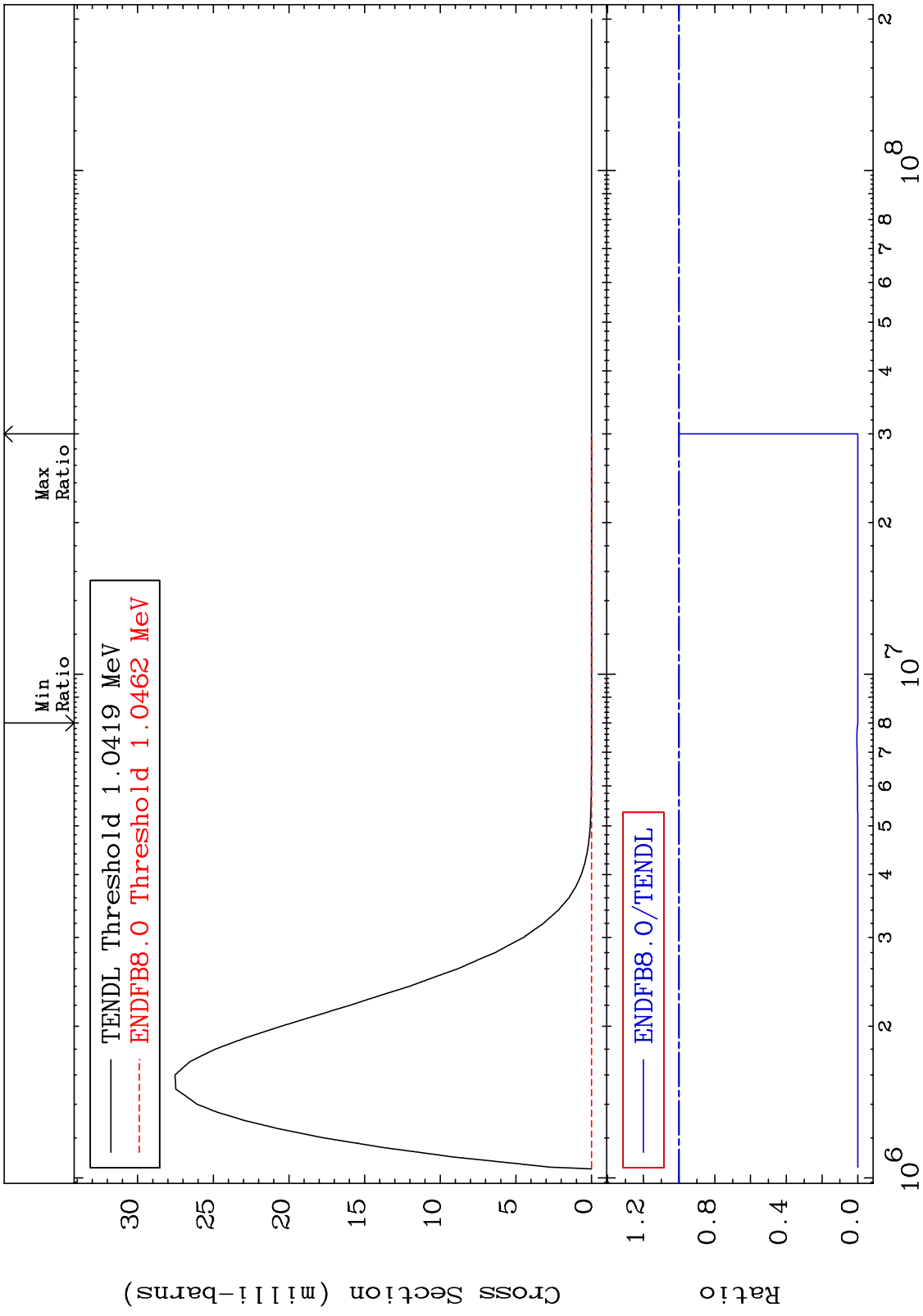


MAT 9440 MT= 66 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 0.000 %



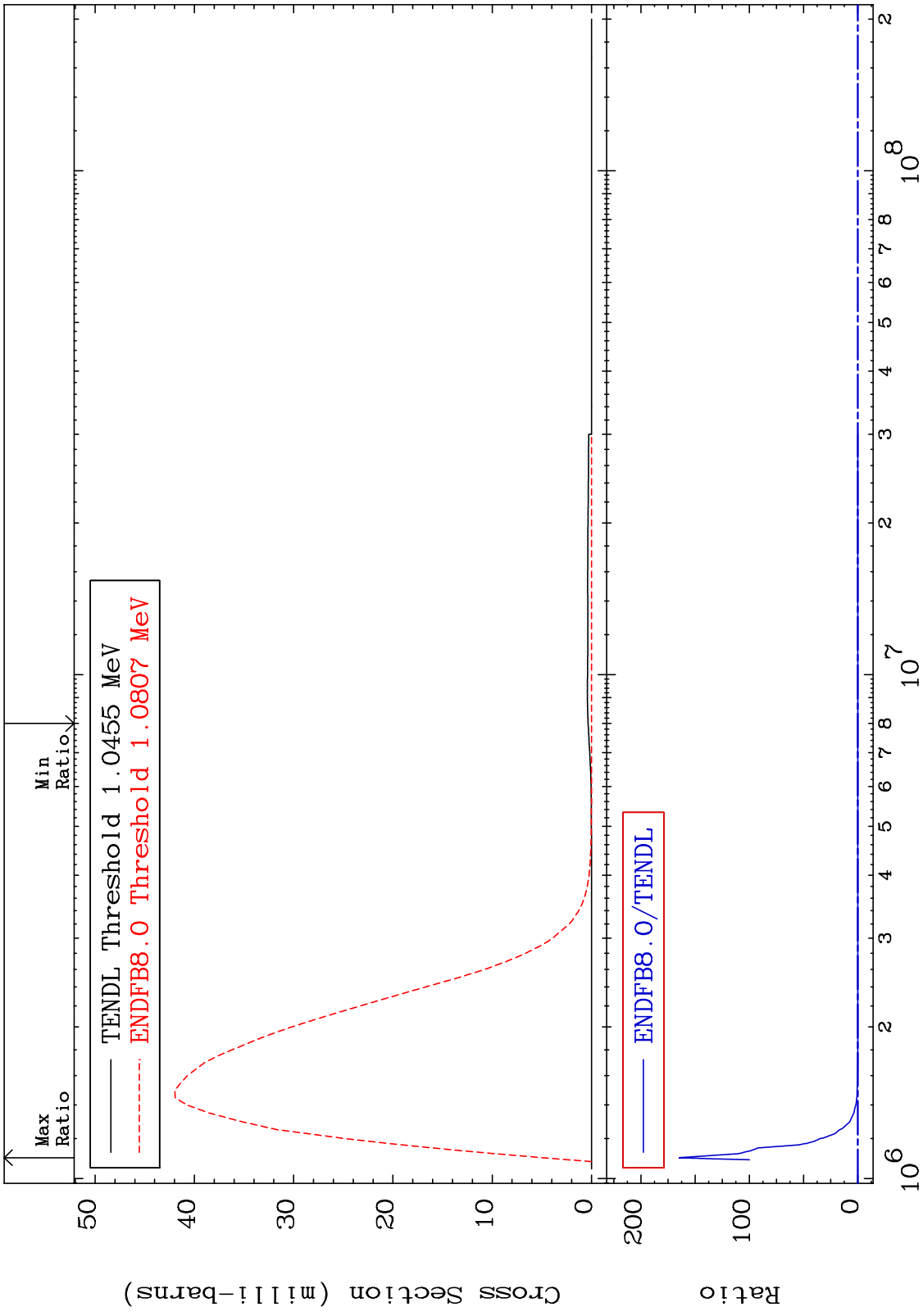
27 94-Pu-240

MAT 9440 MT= 67 (n,n') Level Cross Section 94-Pu-240 -100.0 To 0.000 %



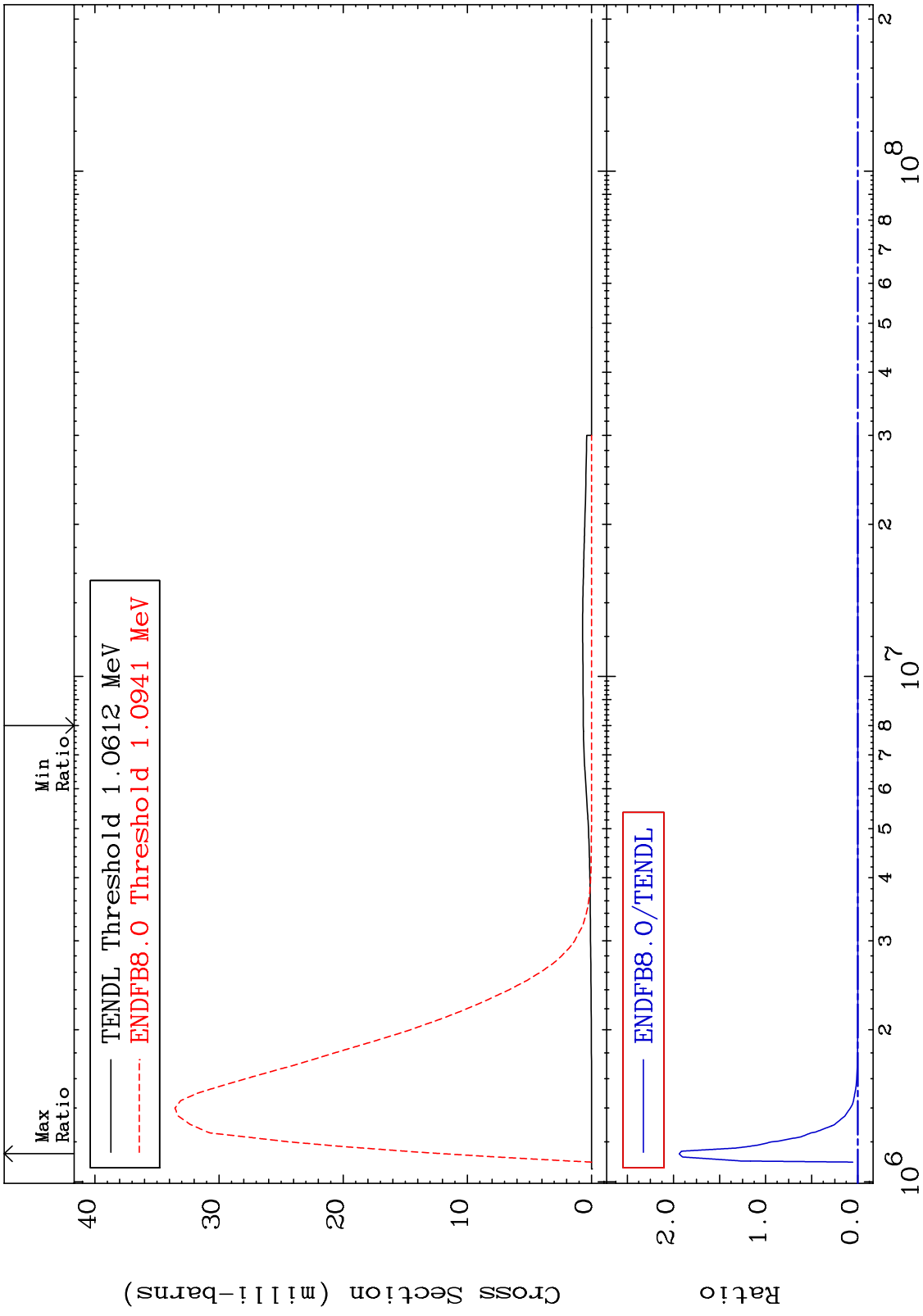
28 94-Pu-240 Incident Energy (eV)

MAT 9440 MT= 68 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 9999. %



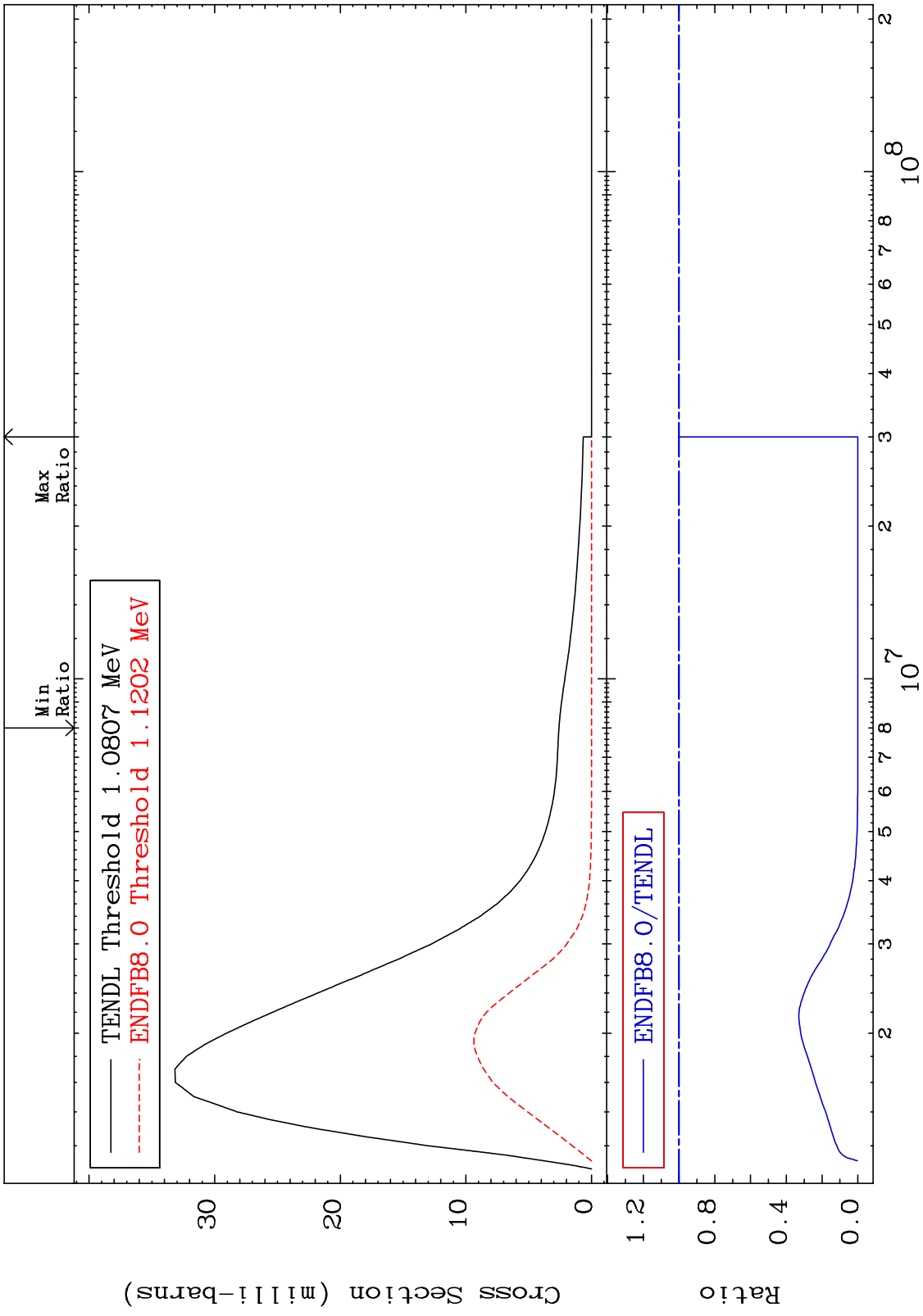
29 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 69 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 9999. %

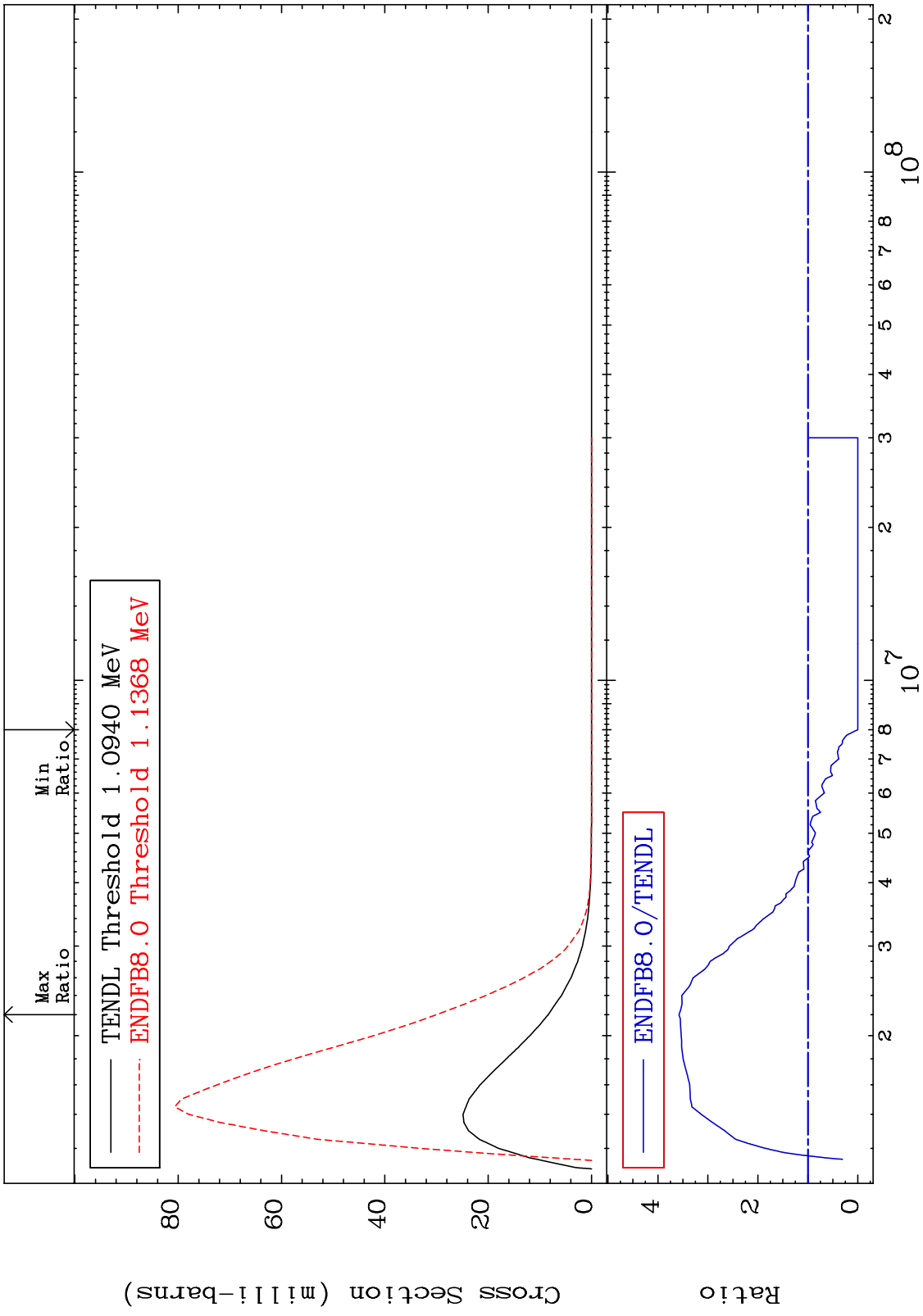


30 30 94-Pu-240

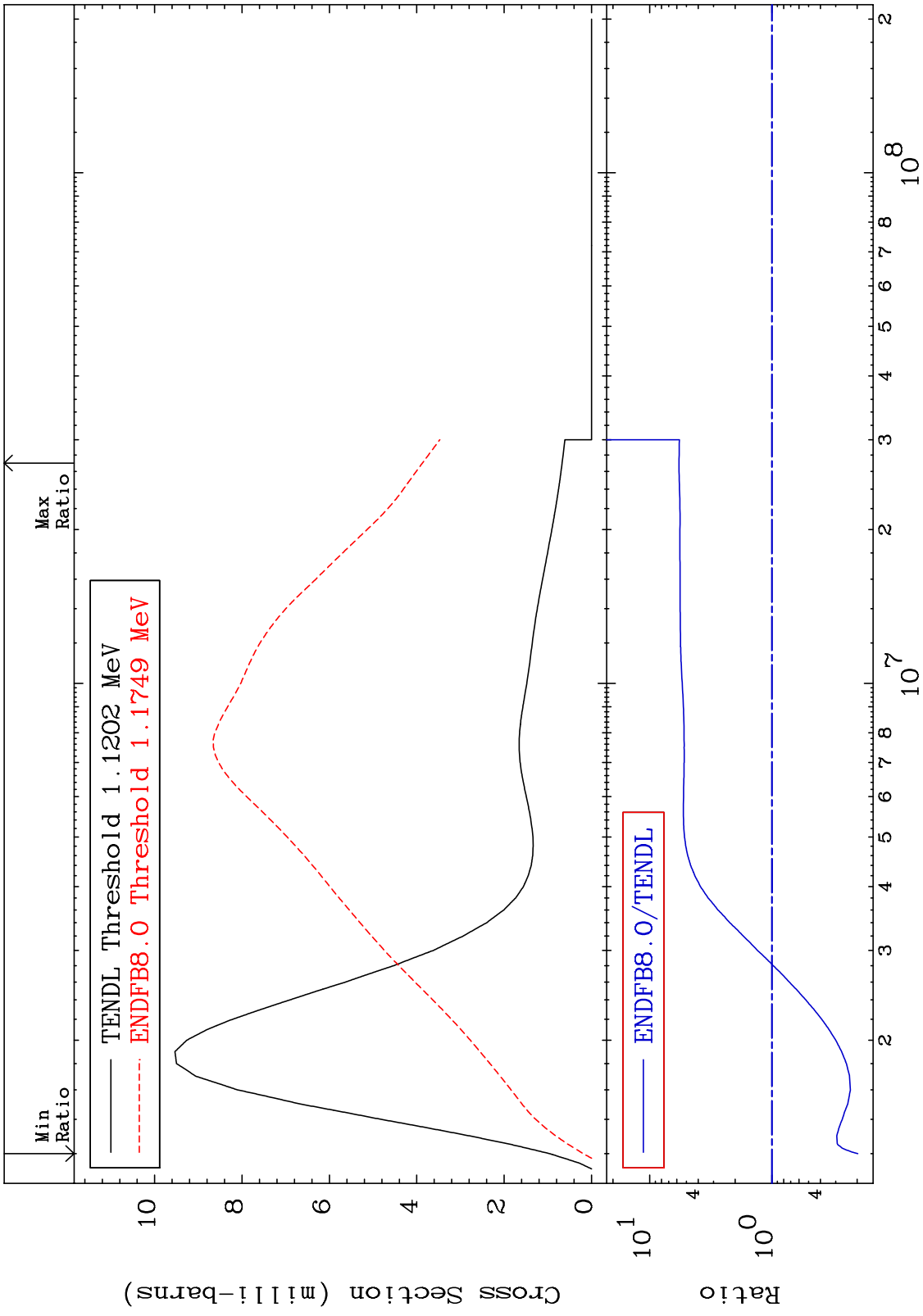
MAT 9440 MT= 70 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 0.000 %



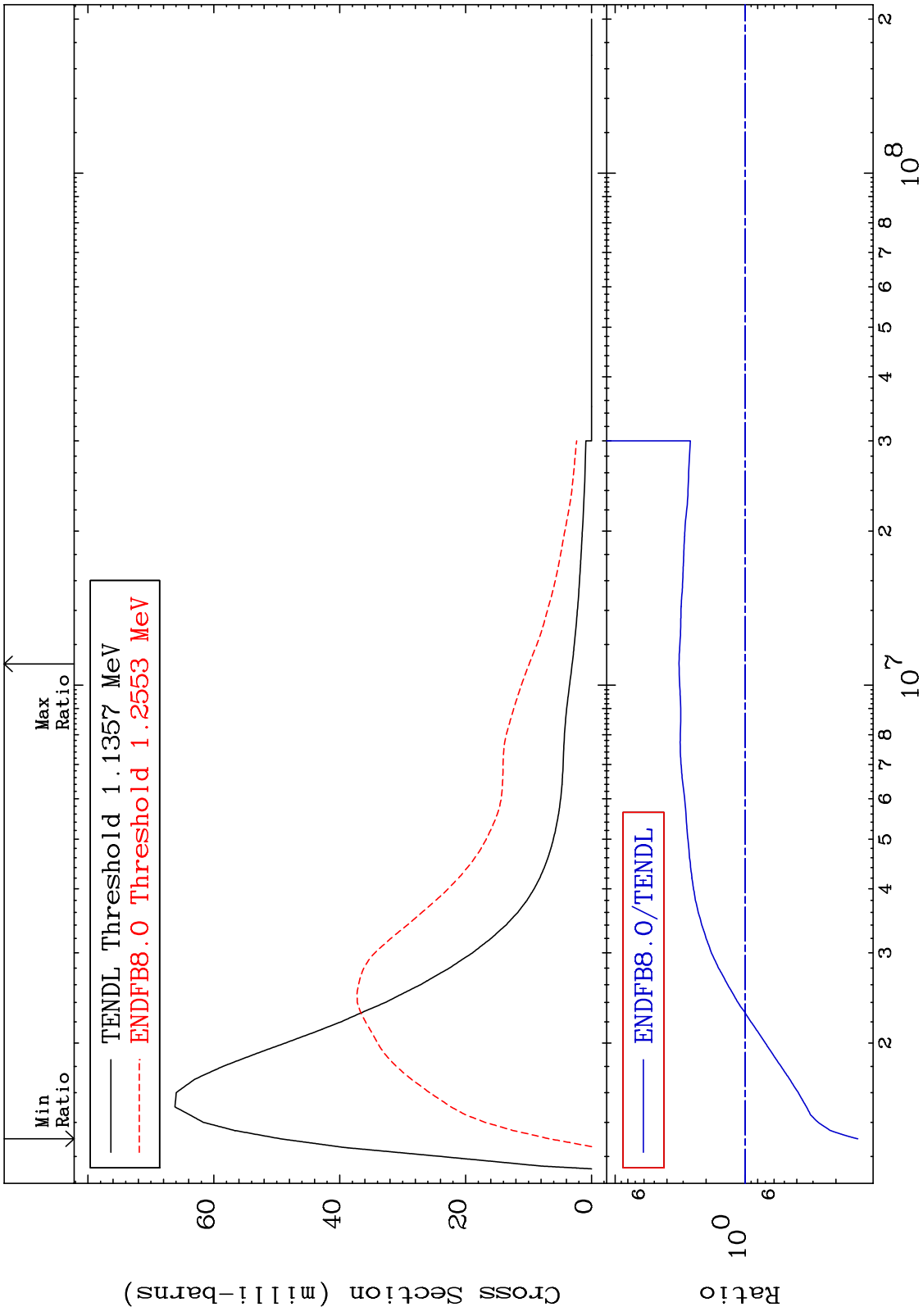
MAT 9440 MT= 71 (n,n') Level Cross Section 94-Pu-240
 -100.0 To 257.7 %



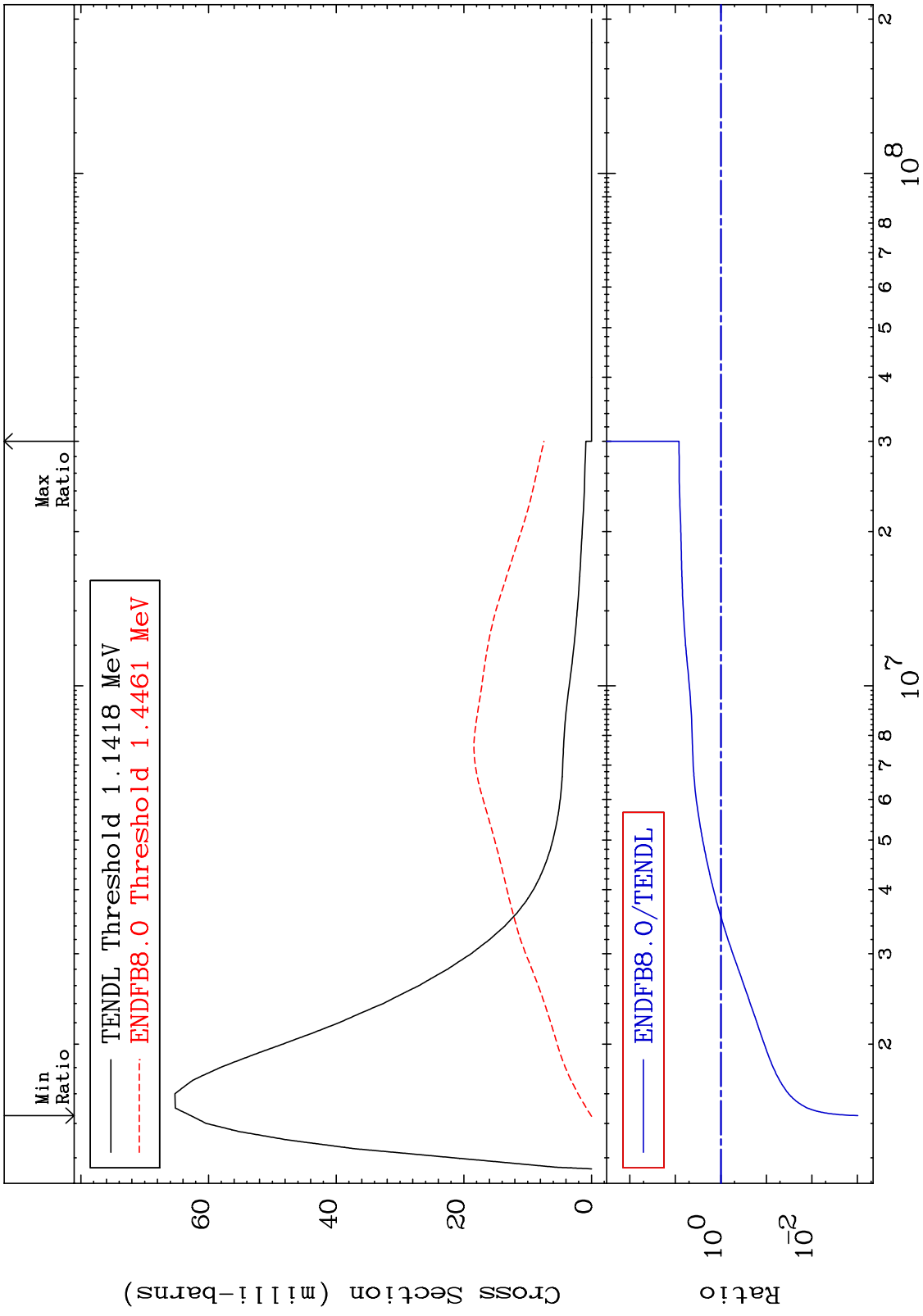
MAT 9440 MT= 72 (n,n') Level Cross Section 94-Pu-240
 -80.26 To 475.3 %



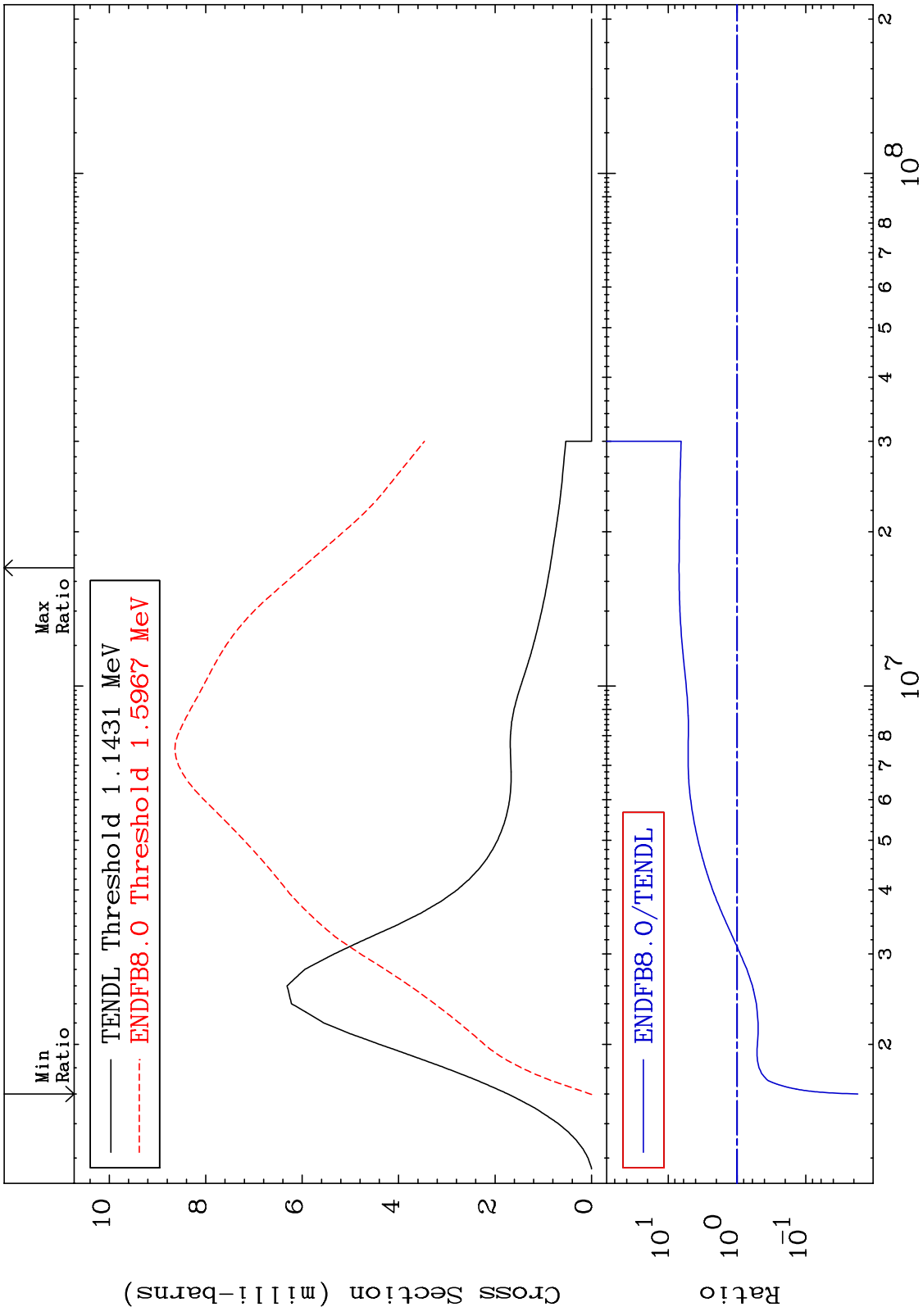
MAT 9440 MT= 73 (n,n') Level Cross Section 94-Pu-240
 -86.43 To 222.7 %



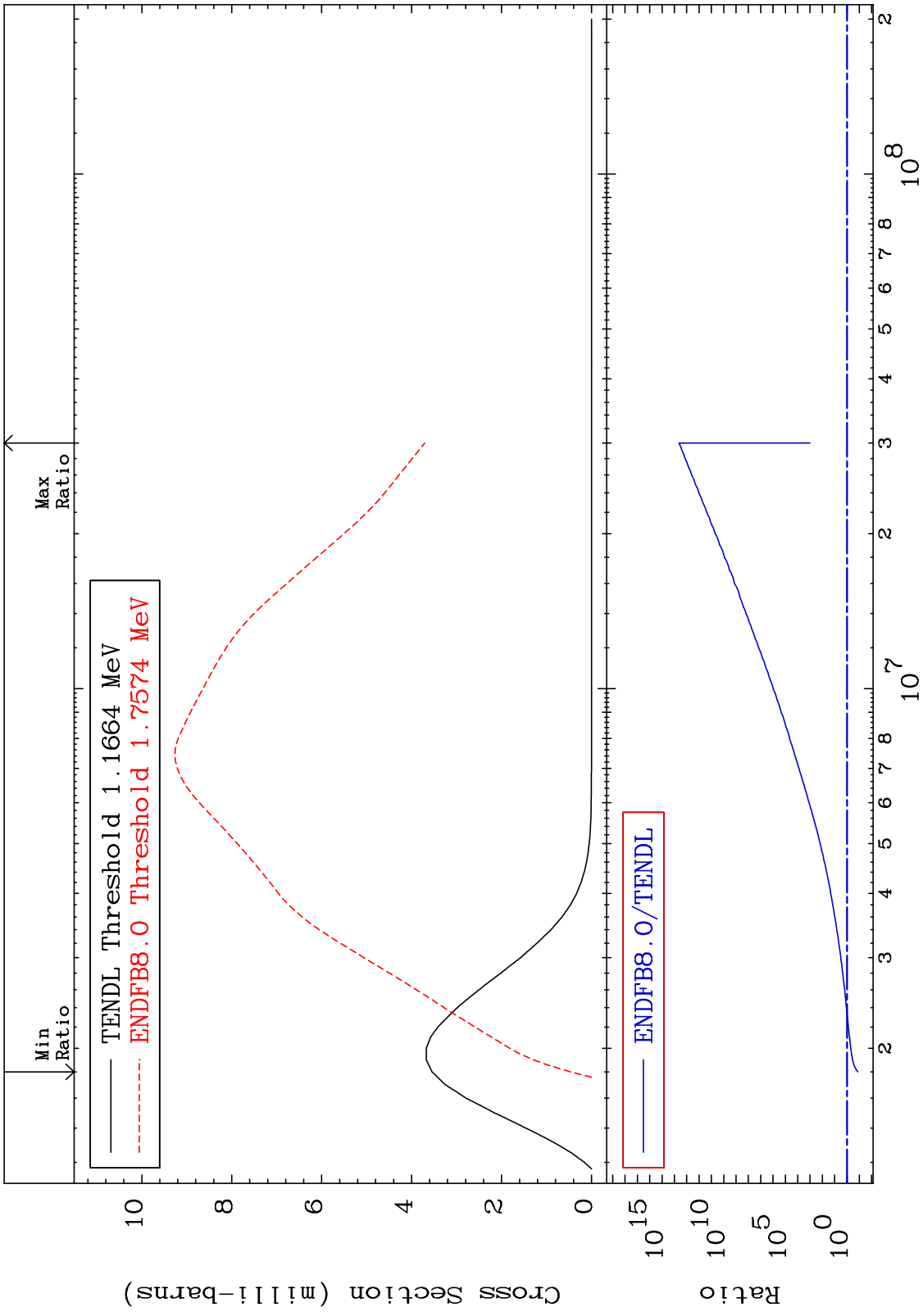
MAT 9440 MT= 74 (n,n') Level Cross Section 94-Pu-240
 -99.90 To 728.9 %



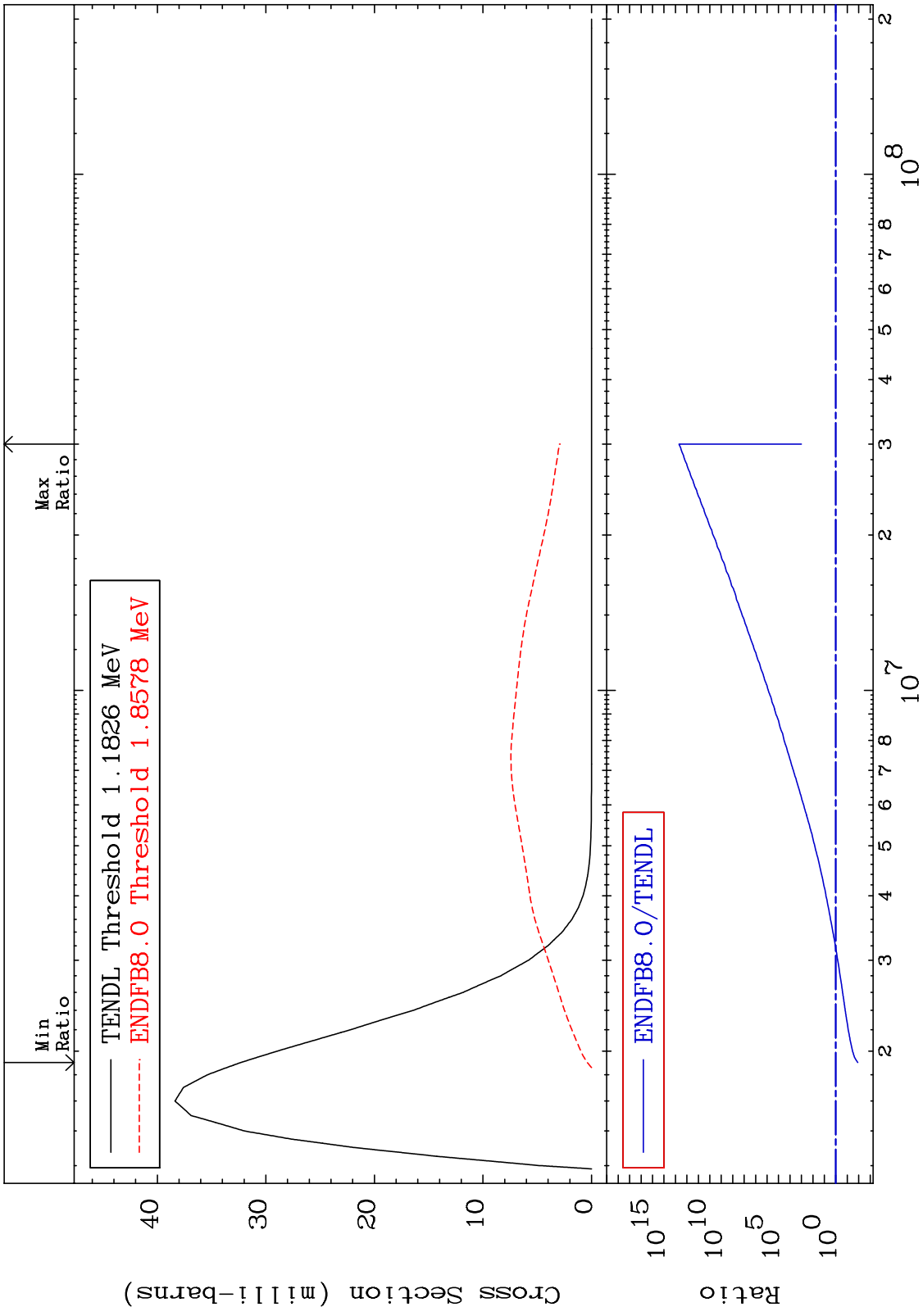
MAT 9440 MT= 75 (n,n') Level Cross Section 94-Pu-240
 -98.24 To 596.6 %



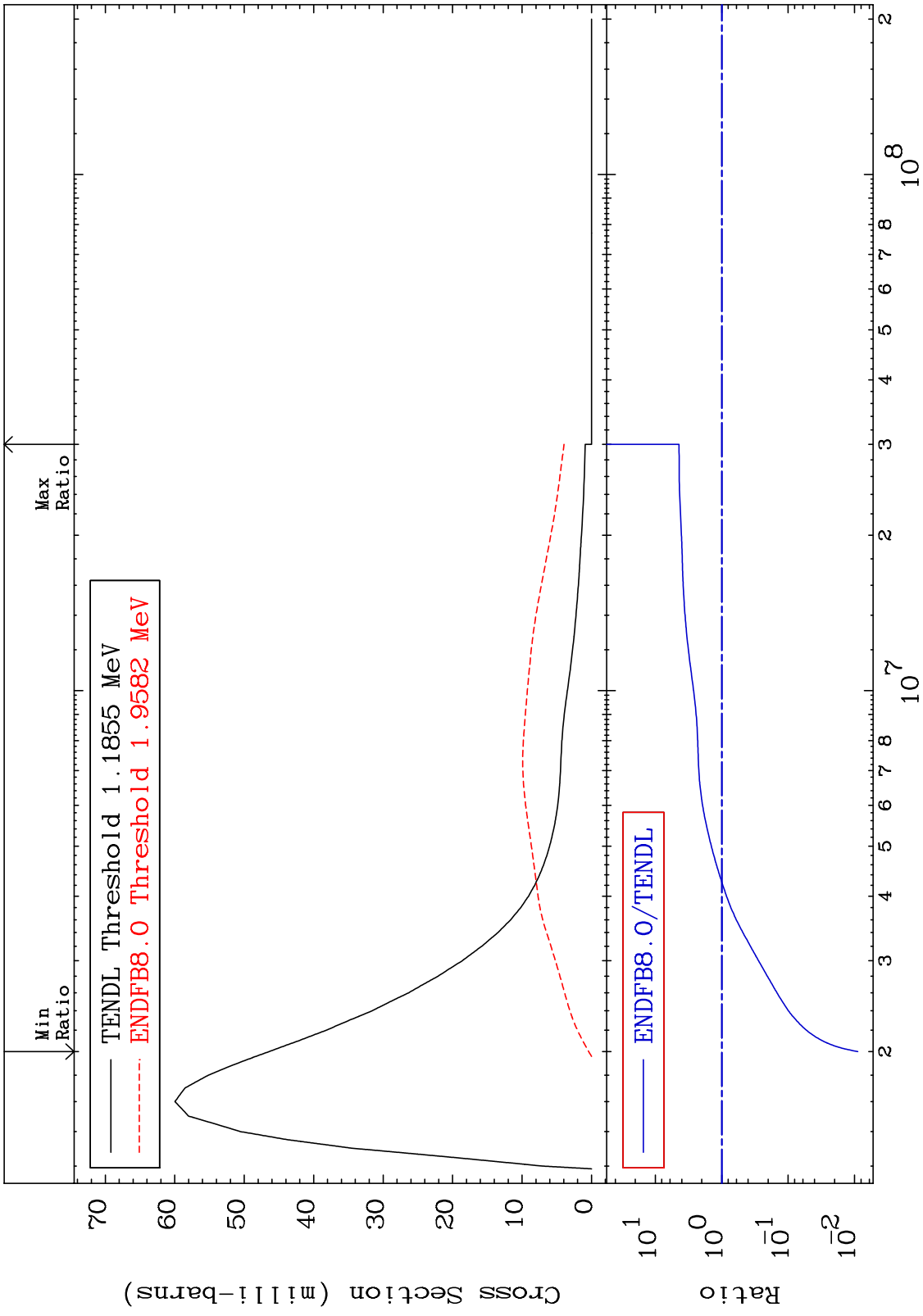
MAT 9440 MT= 76 (n,n') Level Cross Section 94-Pu-240
 -86.79 To 9999. %



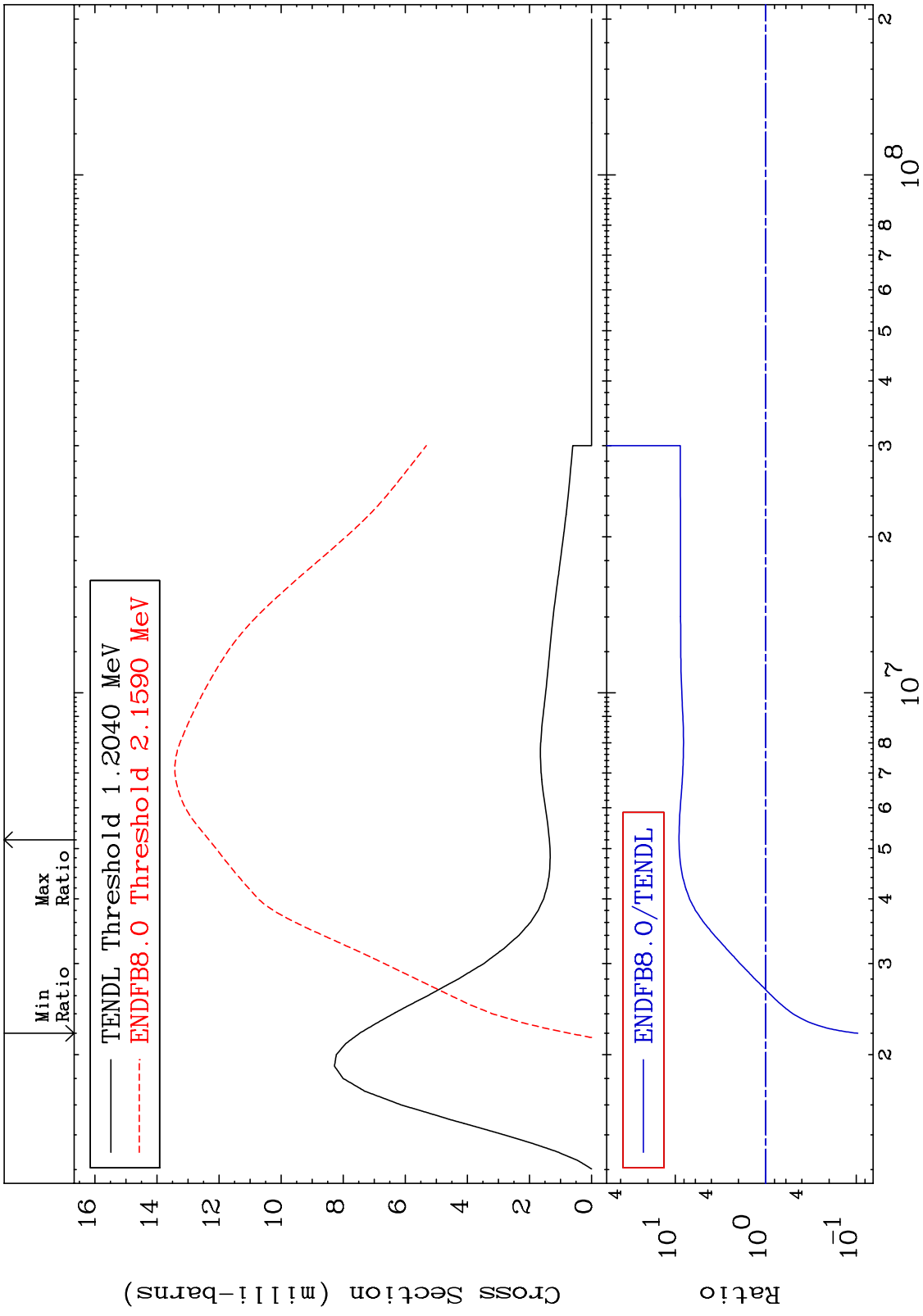
MAT 9440 MT= 77 (n,n') Level Cross Section 94-Pu-240
 -98.81 To 9999. %



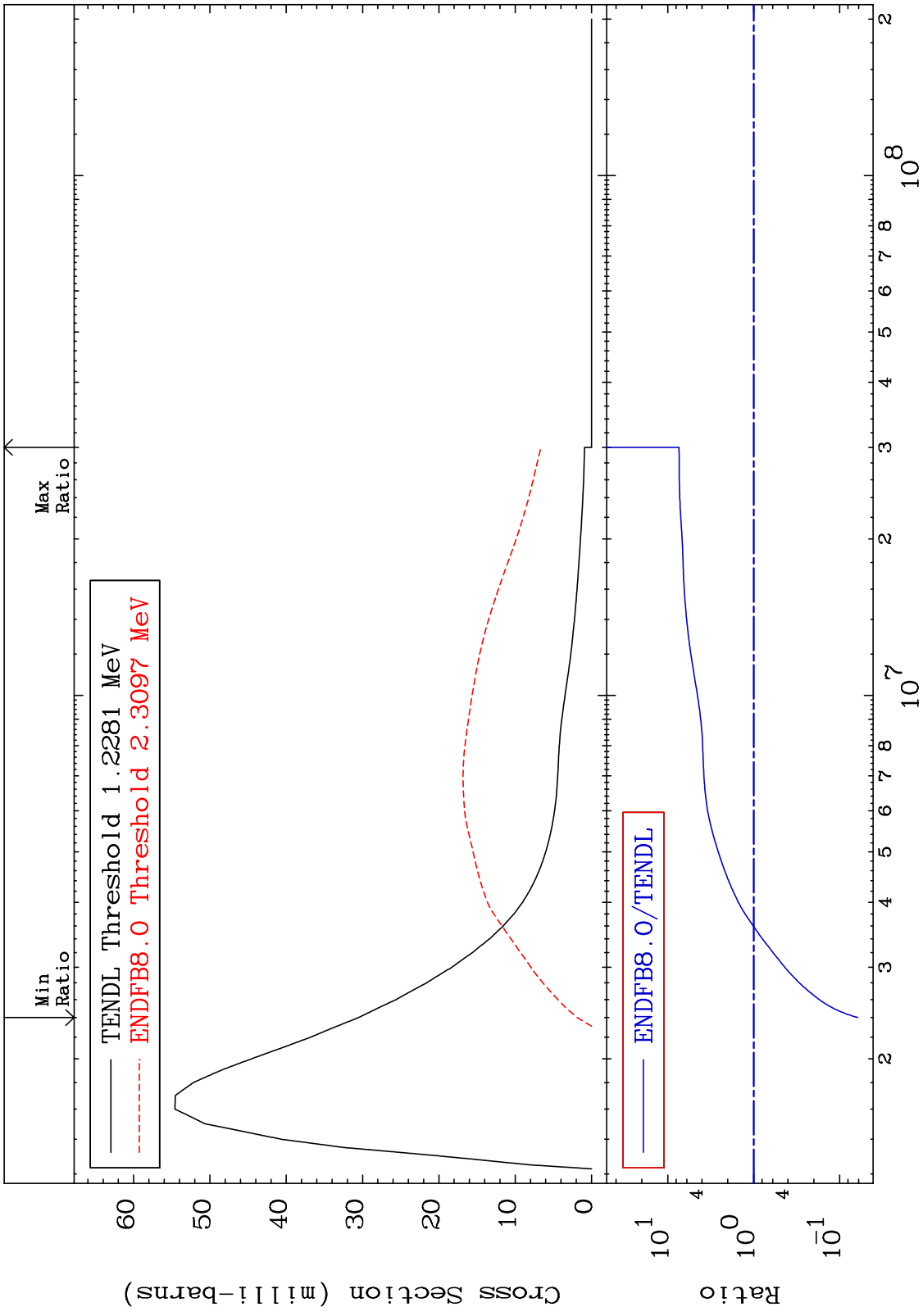
MAT 9440 MT= 78 (n,n') Level Cross Section 94-Pu-240 -99.11 To 339.4 %



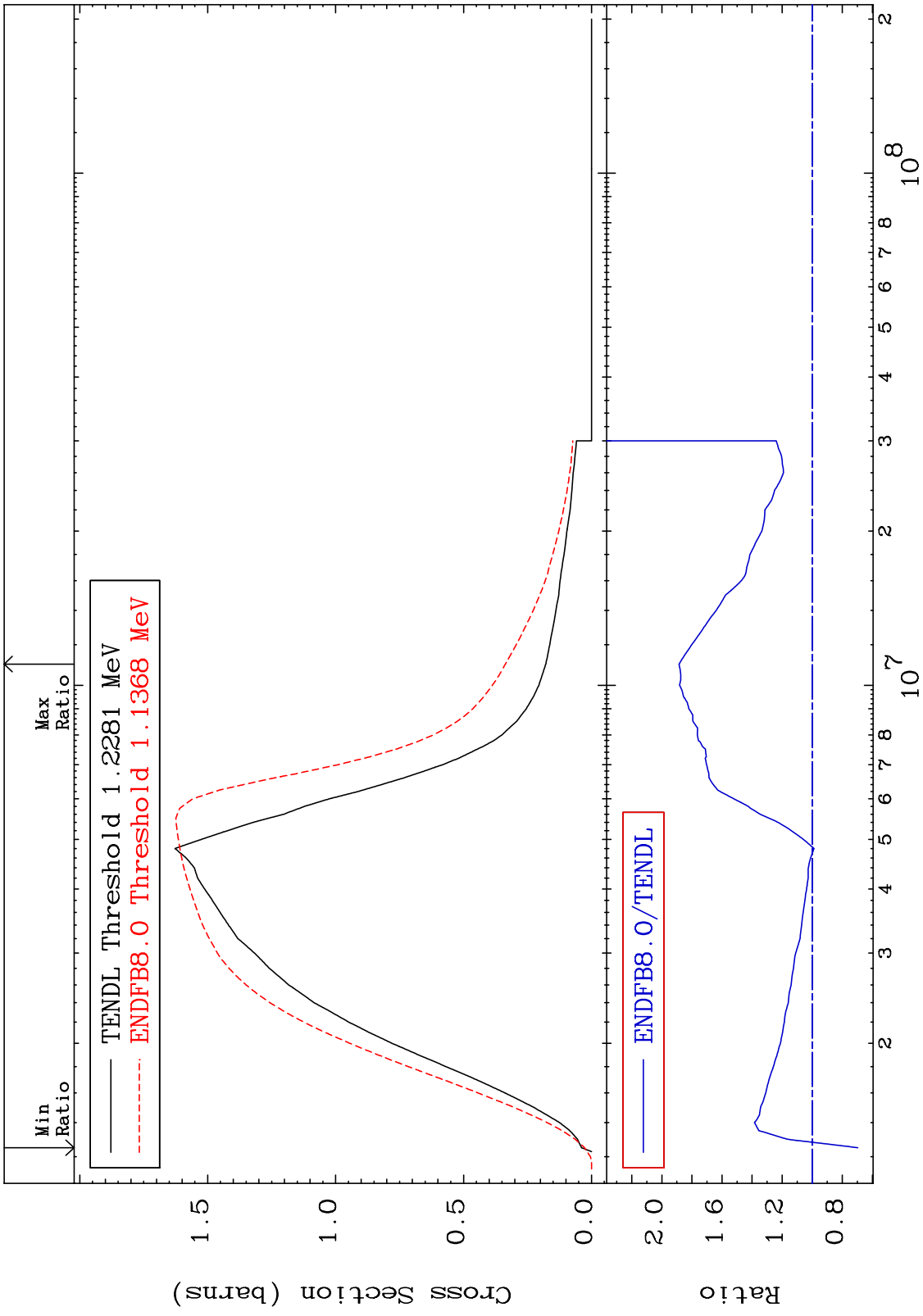
MAT 9440 MT= 79 (n,n') Level Cross Section 94-Pu-240
 -90.38 To 807.1 %



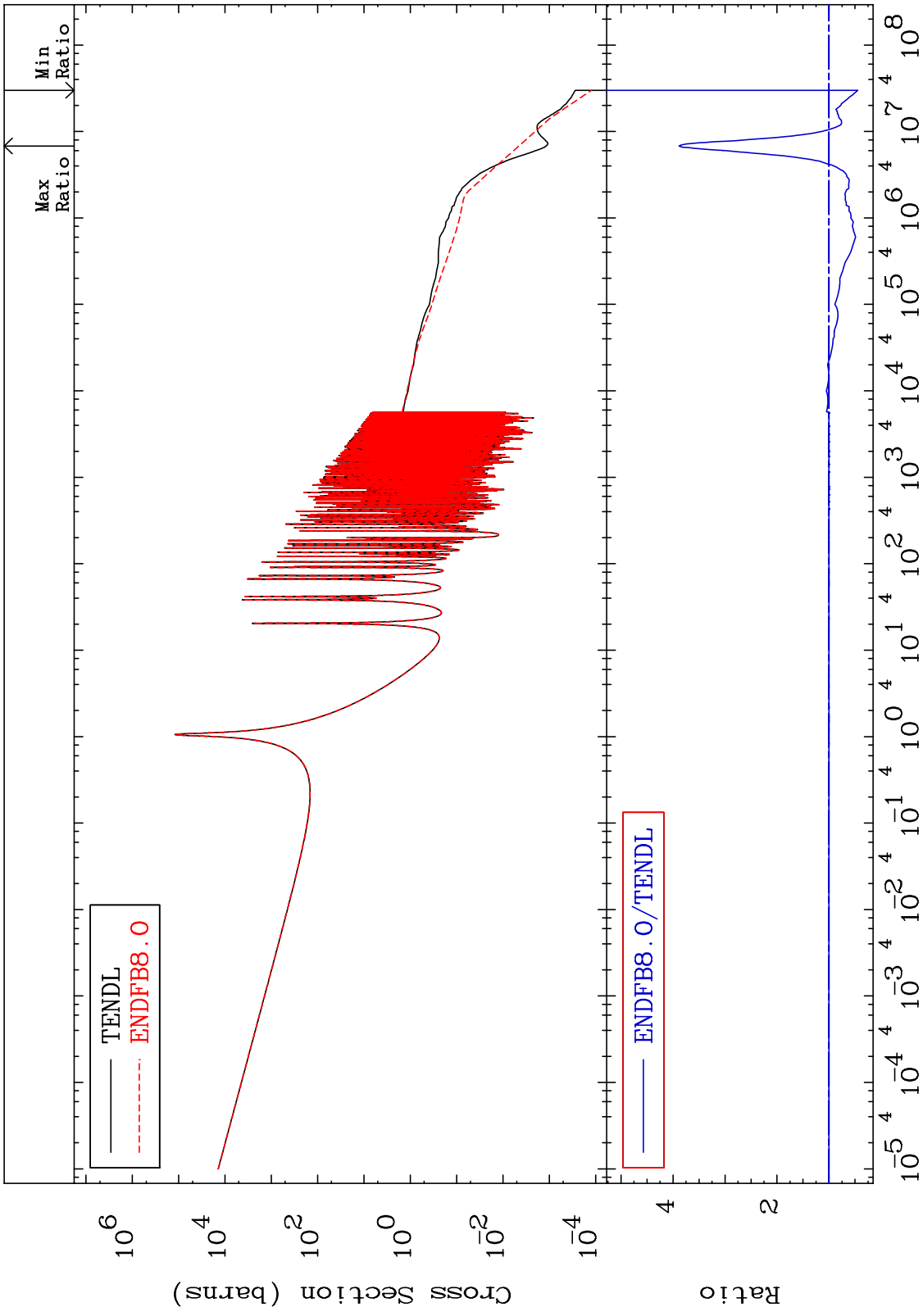
MAT 9440 MT= 80 (n,n') Level Cross Section 94-Pu-240
 -93.86 To 639.1 %



MAT 9440 (n, n') Continuum Cross Section -30.32 To 88.55 % 94-Pu-240

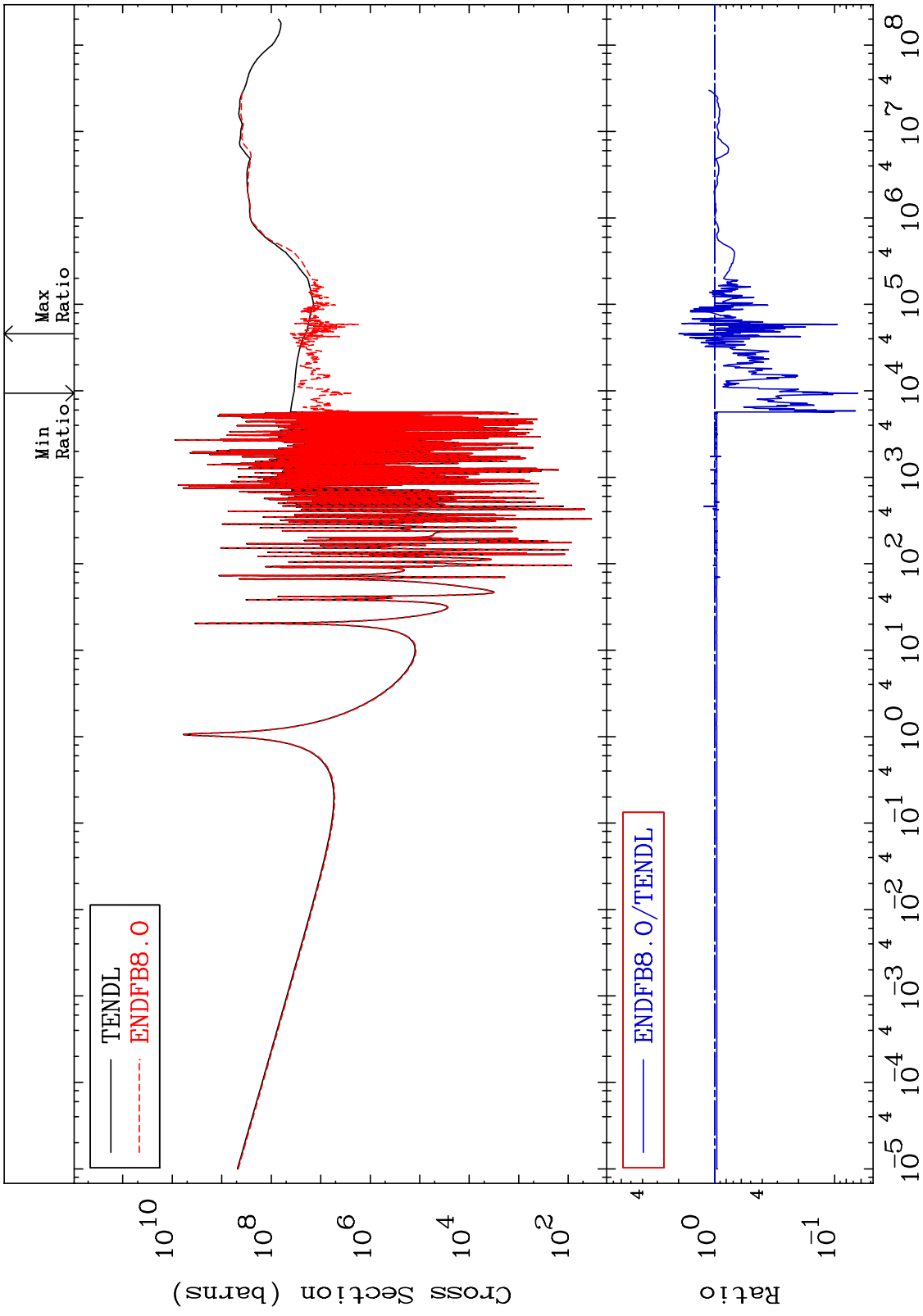


MAT 9440 (n, γ) Cross Section 94-Pu-240 -55.39 To 288.4 %



43 94-Pu-240

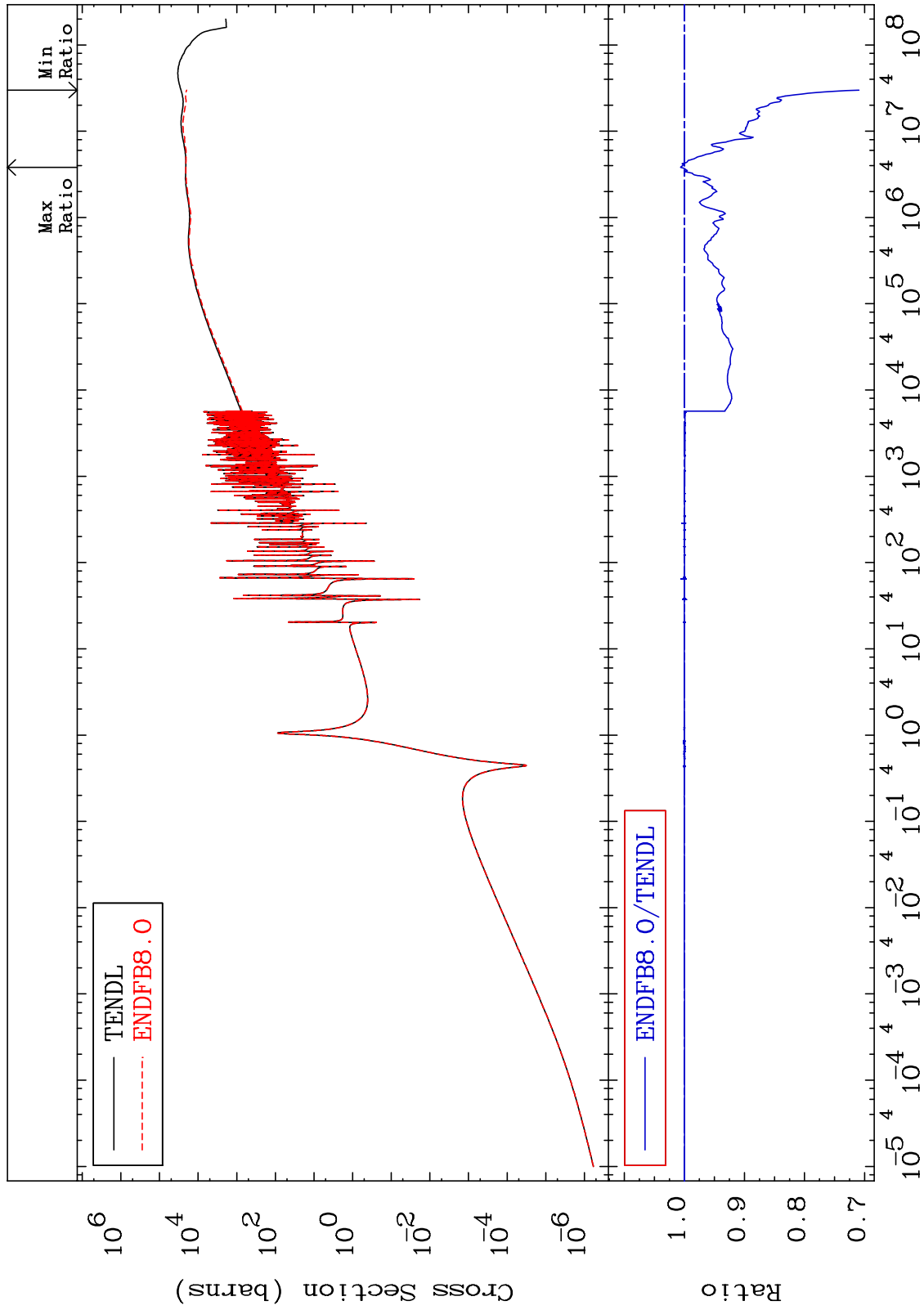
MAT 9440 Kerma total (eV-barns) Cross Section 94-Pu-240
 -93.61 To 98.13 %



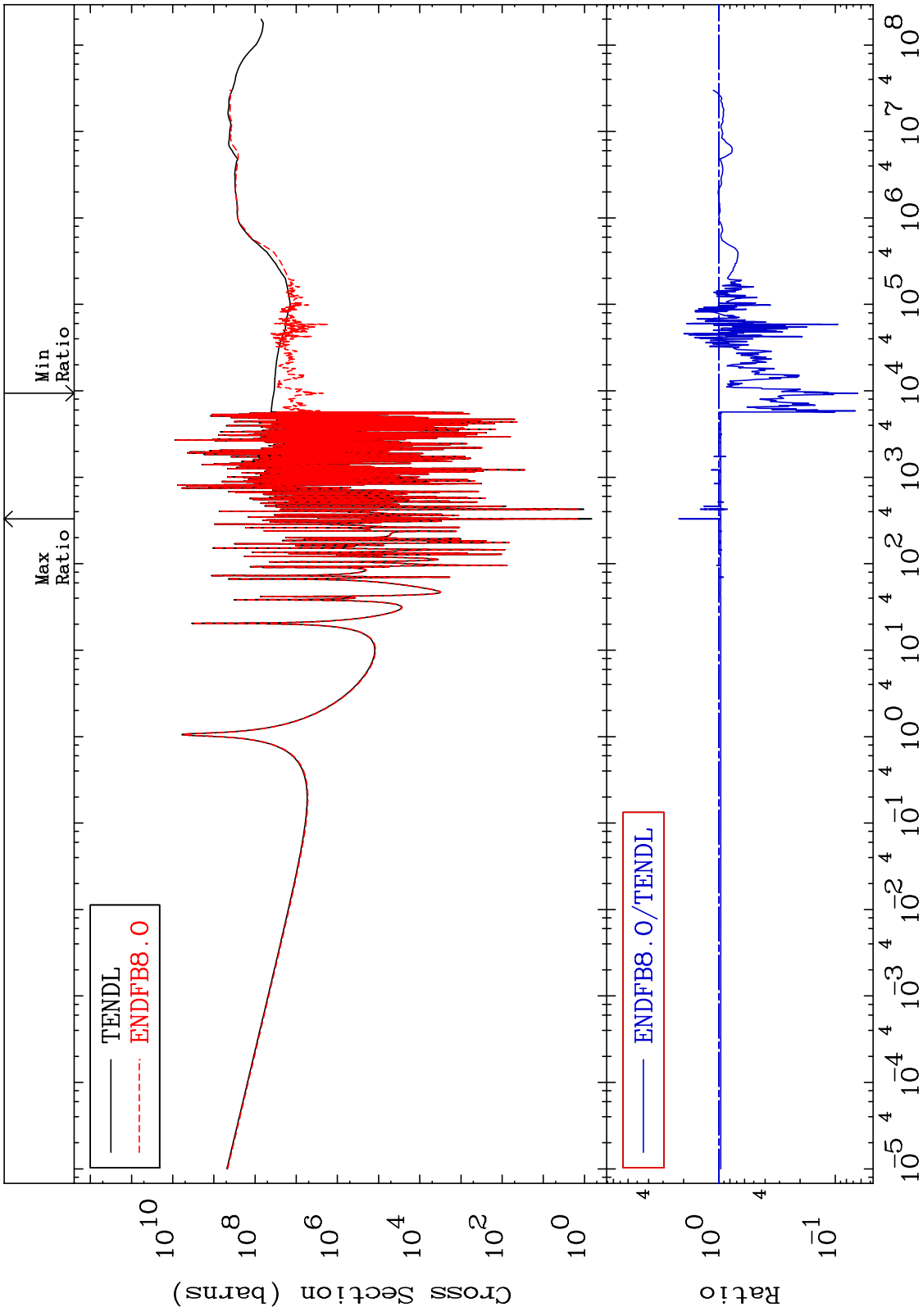
MAT 9440

Kerma elastic
Cross Section

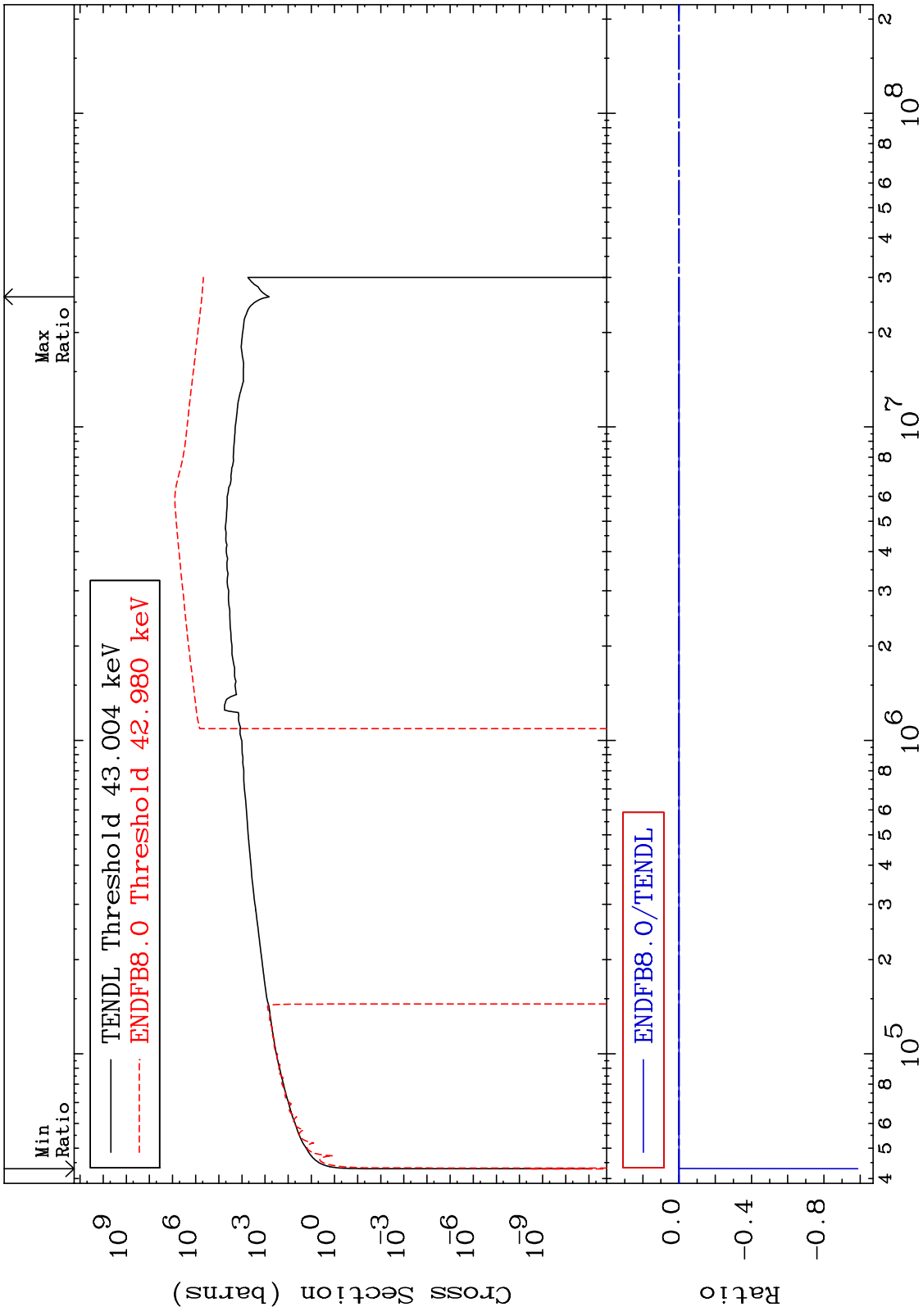
94-Pu-240
-29.07 To 0.624 %



MAT 9440 Kerma non-elastic (all but mt2) 94-Pu-240
 Cross Section -93.61 To 118.9 %



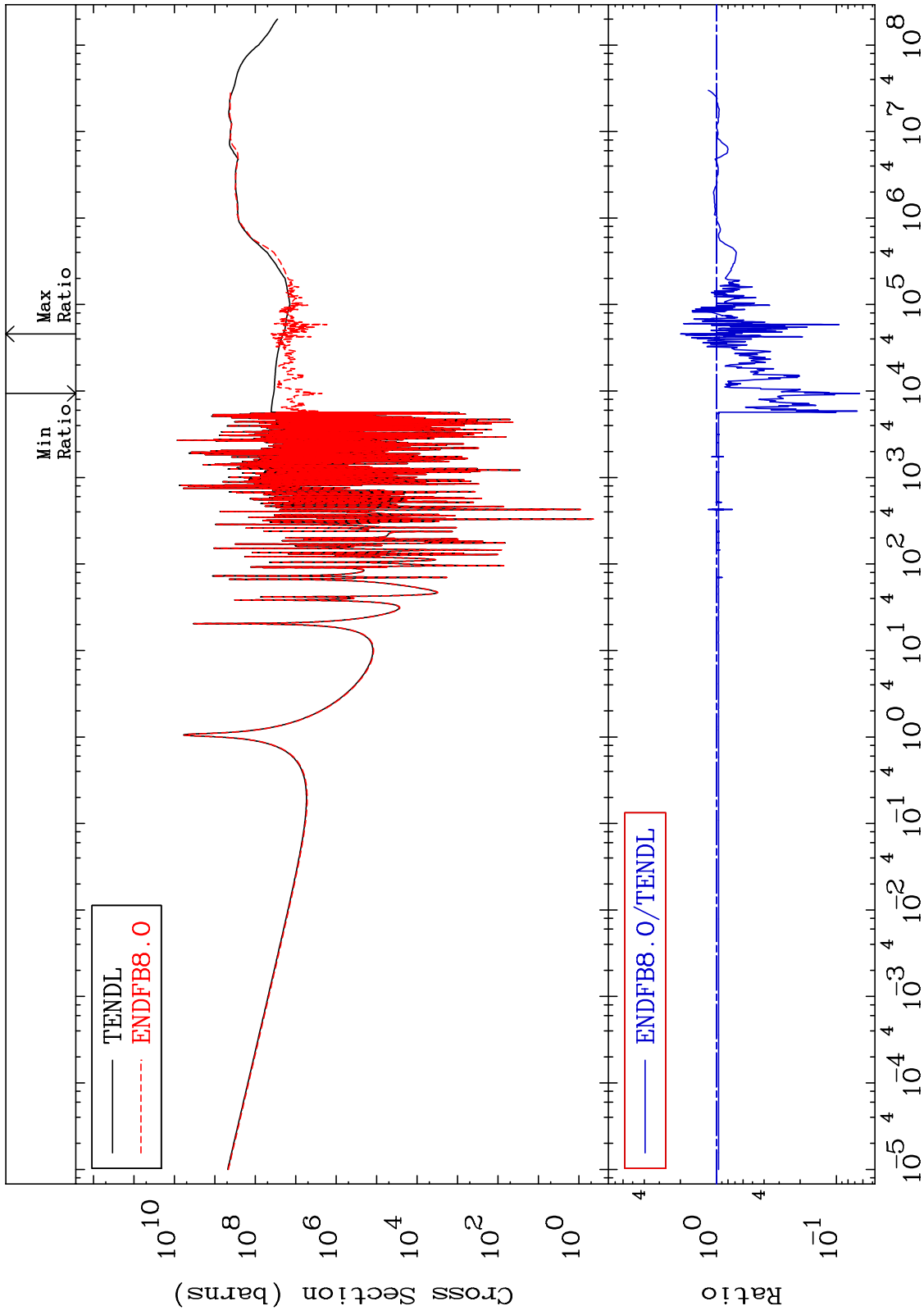
MAT 9440 Kerma inelastic (mt51-91) 94-Pu-240
 Cross Section -9999. To 9999. %



MAT 9440

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

94-Pu-240
-93.61 To 98.15 %



48

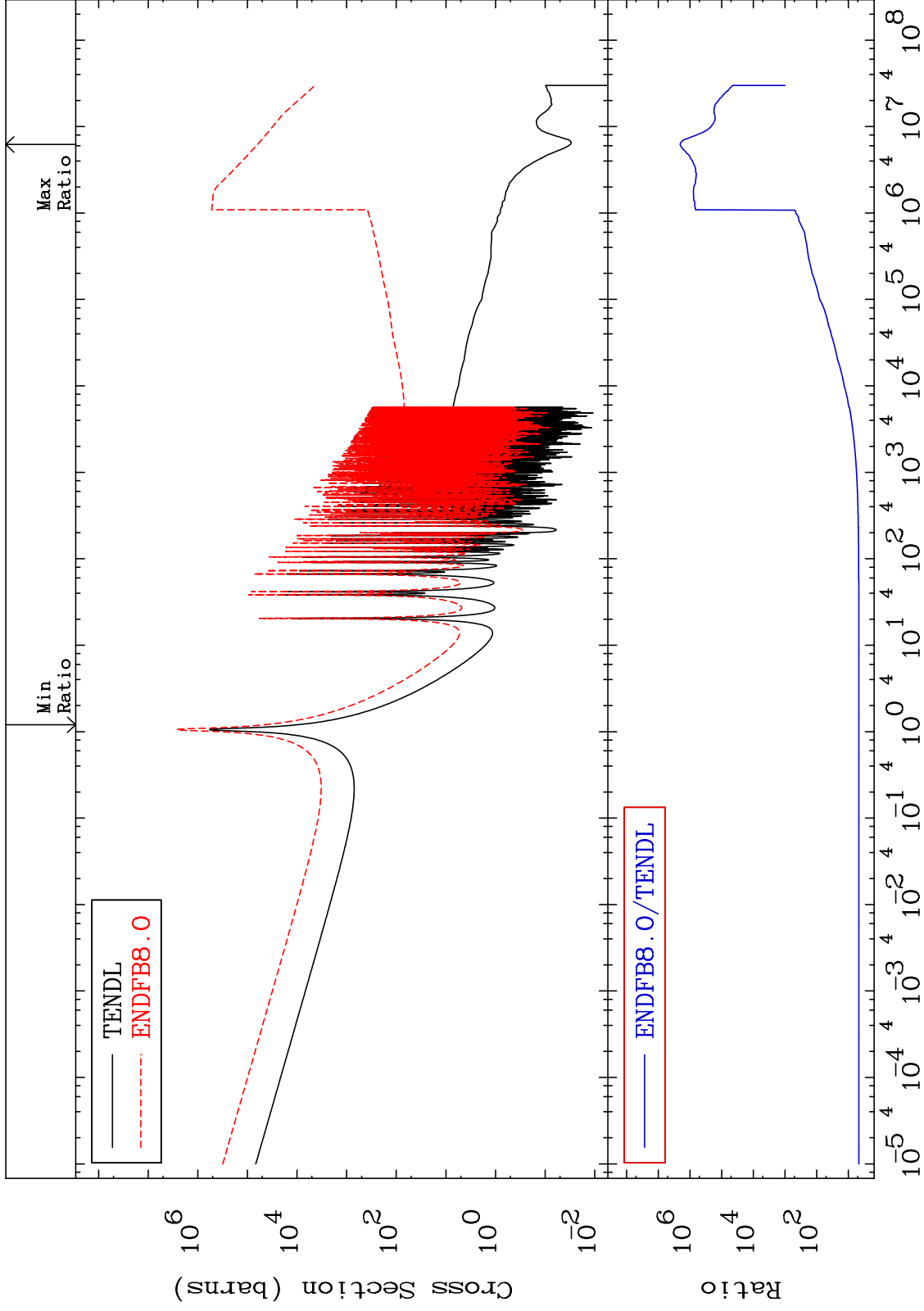
Incident Energy (eV)

94-Pu-240

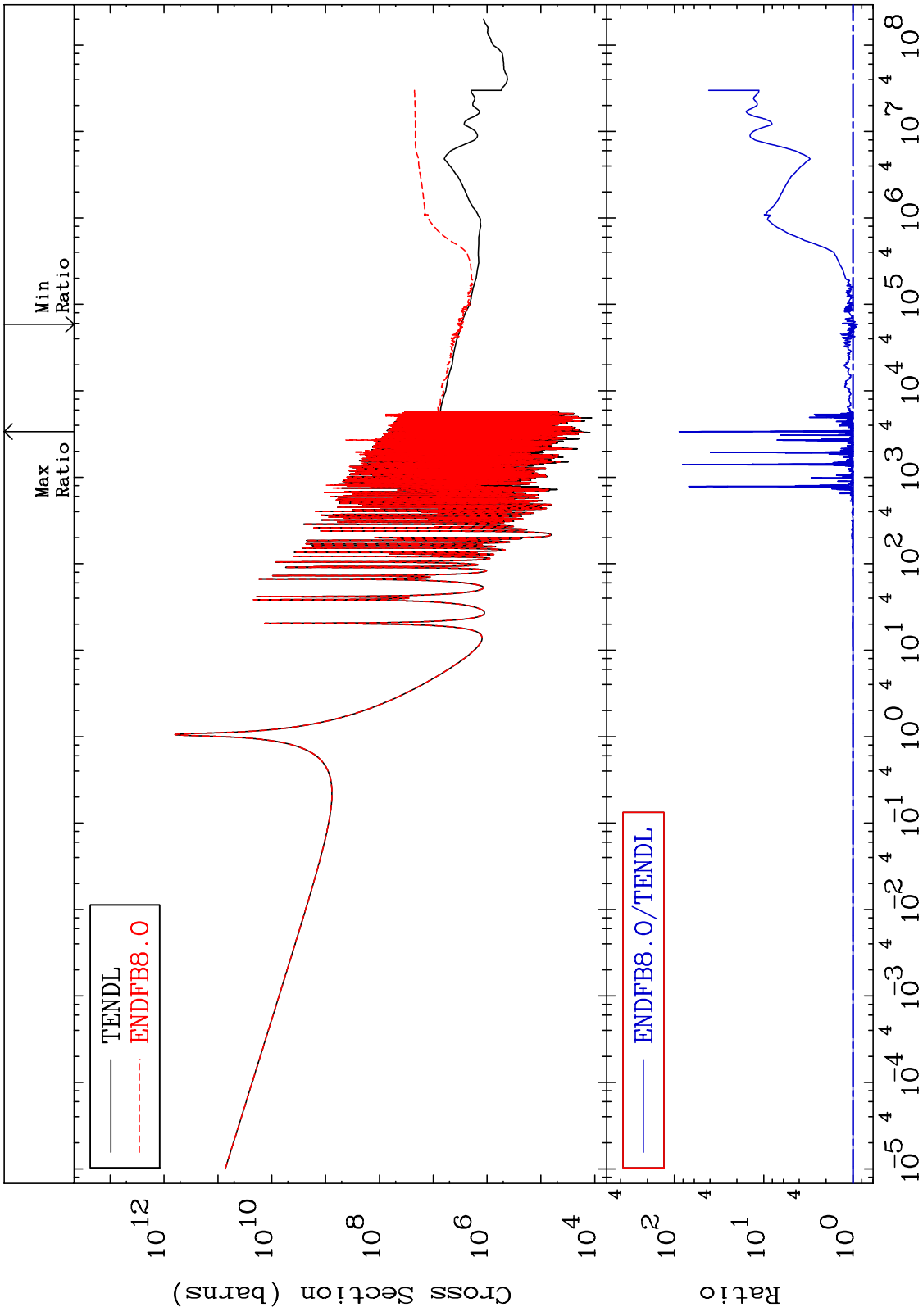
MAT 9440

Kerma capture (mt102)
Cross Section

94-Pu-240
362.2 To 9999. %



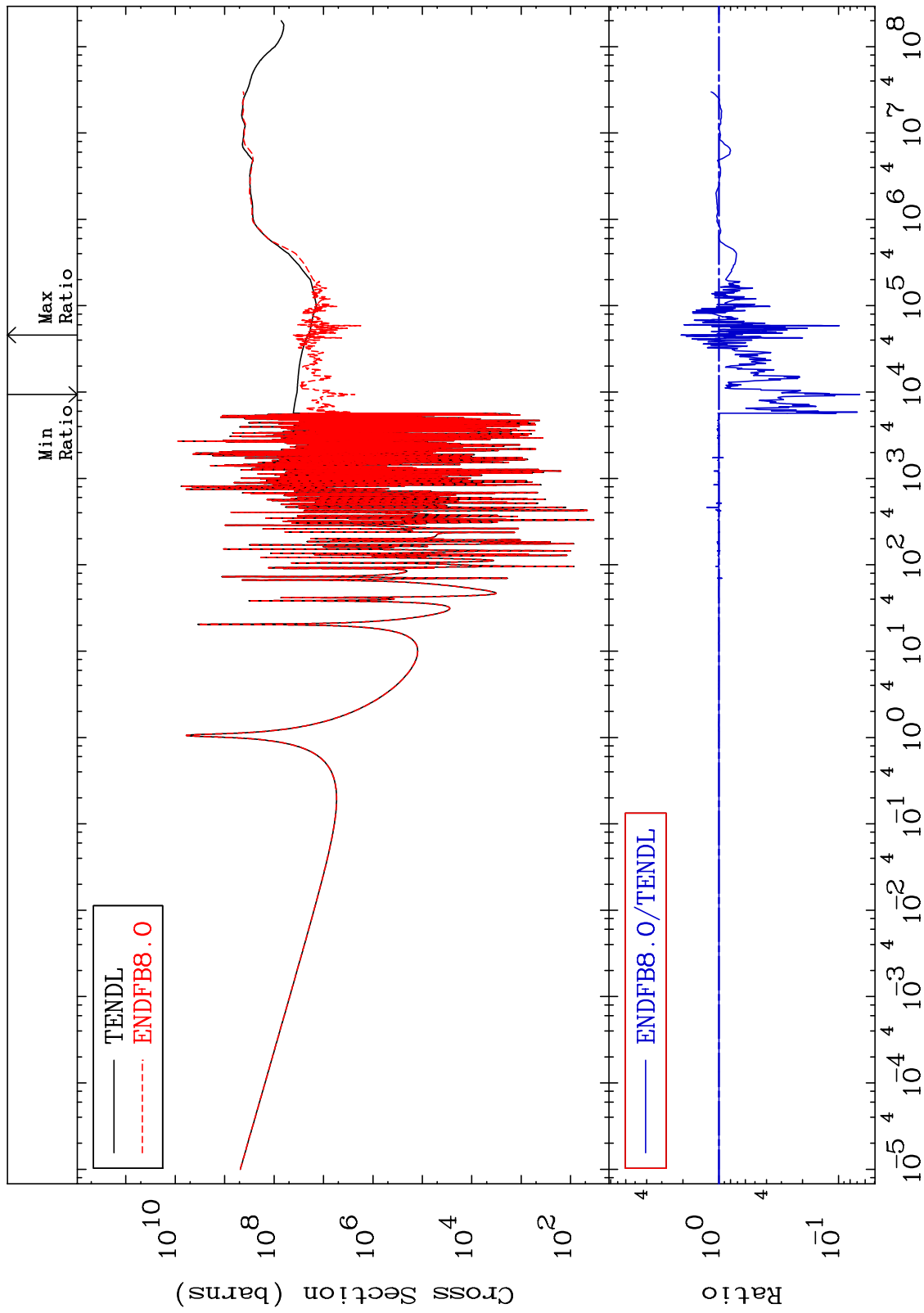
MAT 9440 Total photon (eV-barns) Cross Section 94-Pu-240
 -11.68 To 8786. %



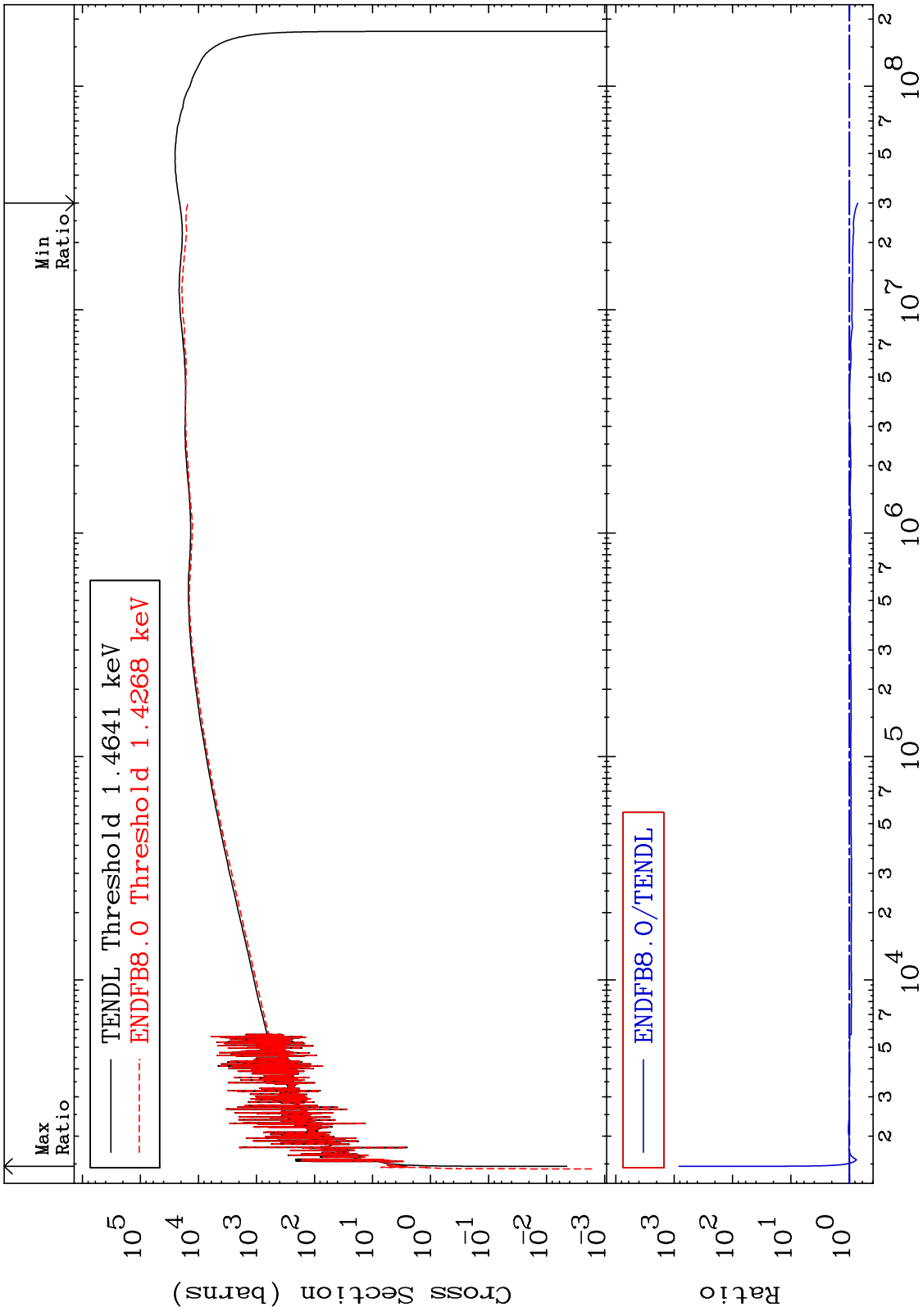
MAT 9440

Total kinematic kerma (high limit)
Cross Section

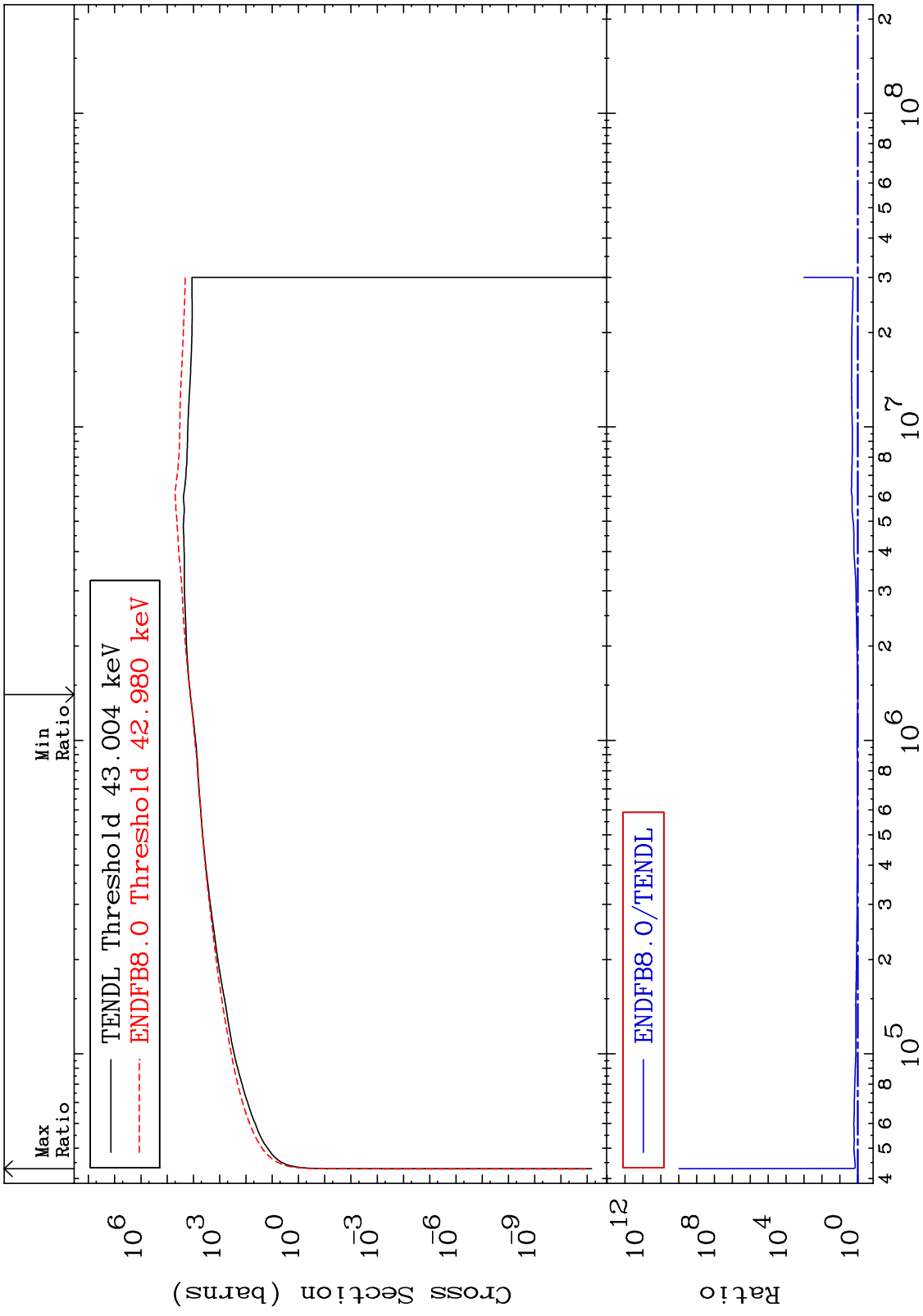
94-Pu-240
-93.35 To 106.2 %



MAT 9440 Dpa elastic (mt2) 94-Pu-240
 Cross Section -28.37 To 9999. %



MAT 9440 Dpa inelastic (mt51-91) 94-Pu-240
 Cross Section -1.626 To 9999. %



MAT 9440

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-240
-100.0 To 9999. %

