

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

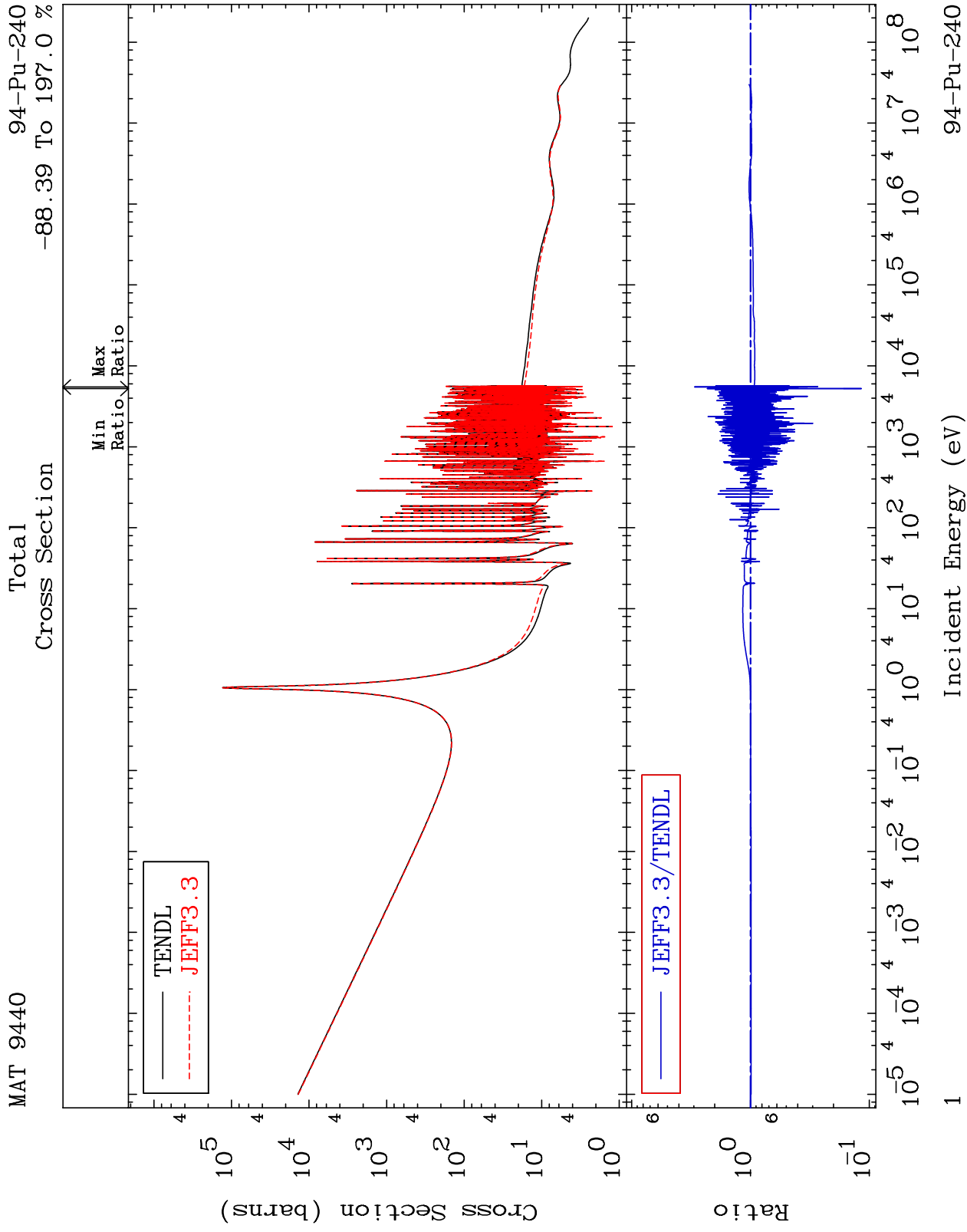
Dermott E. Cullen
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U.S.A.

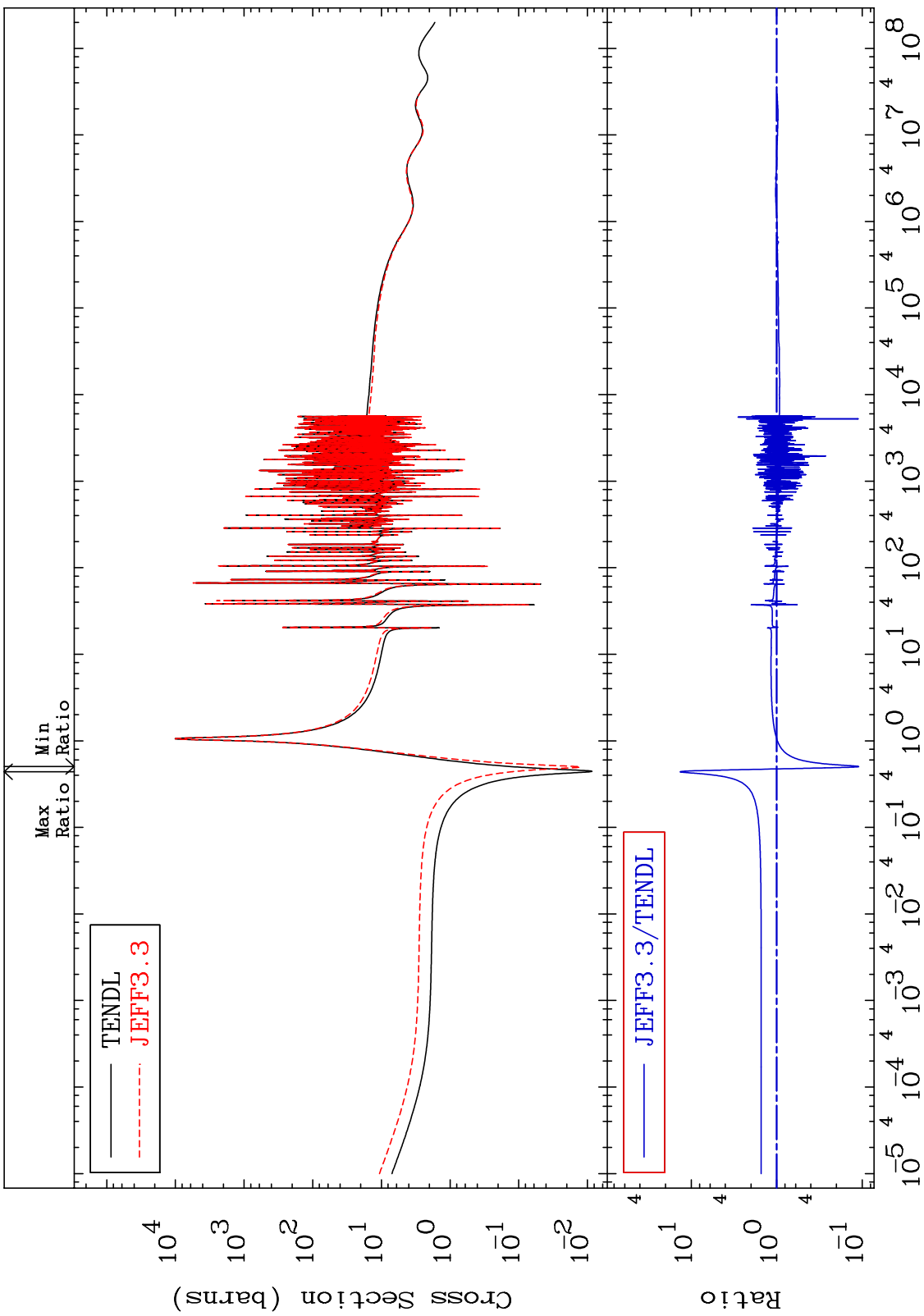
Tele: 925-443-1911

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

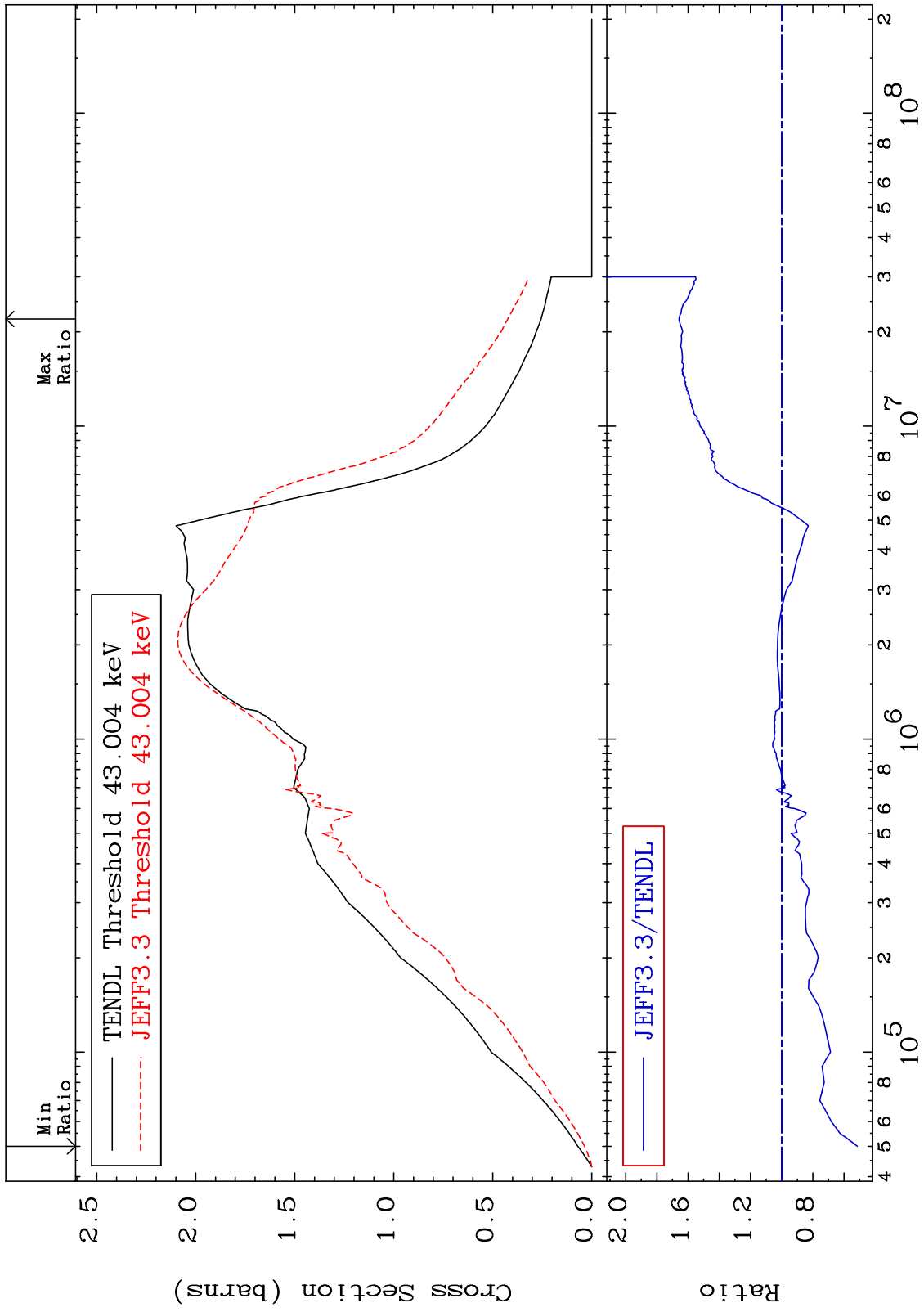
Press Mouse Button to Start



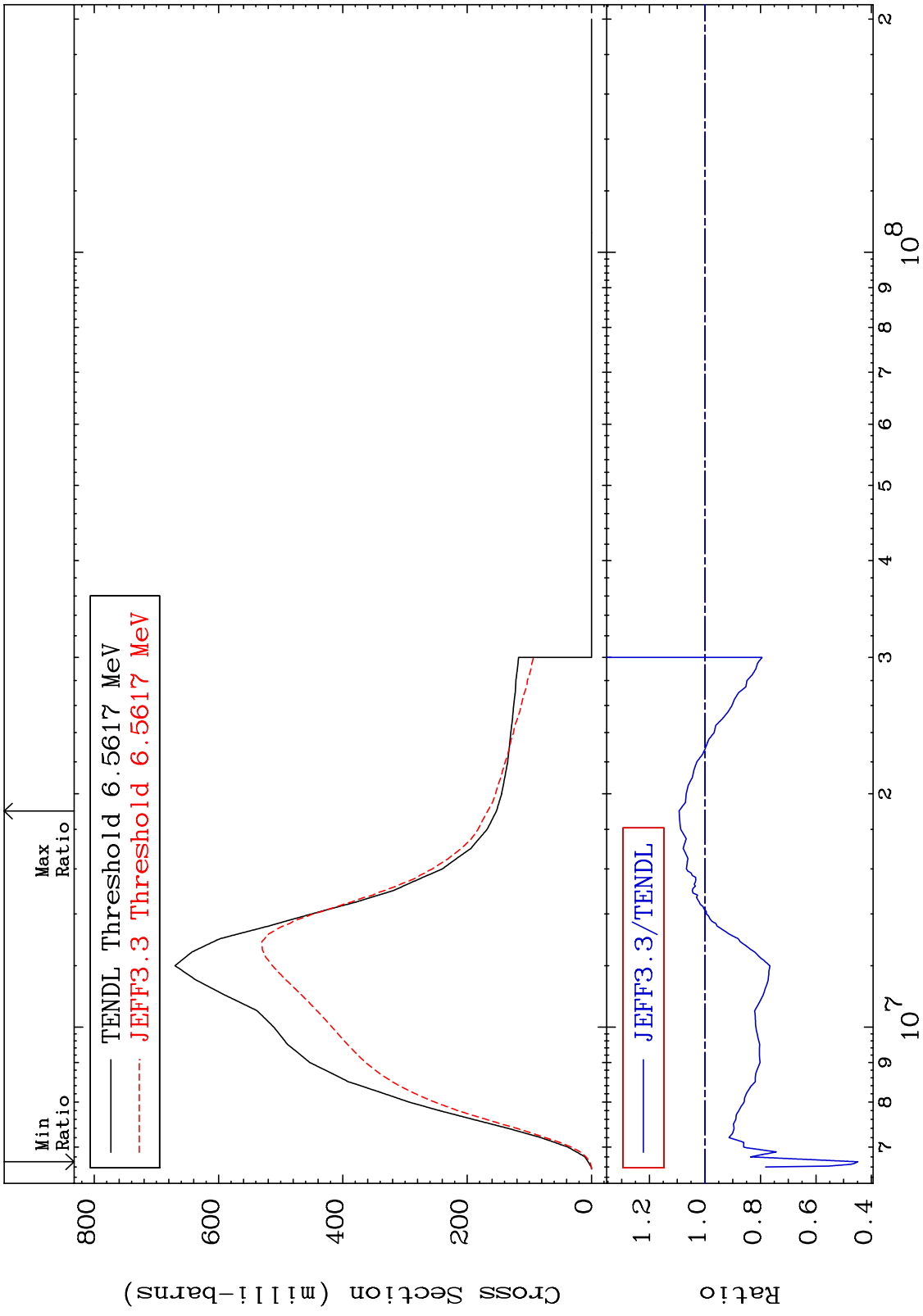
MAT 9440 Elastic Cross Section 94-Pu-240 -89.03 To 1262. %



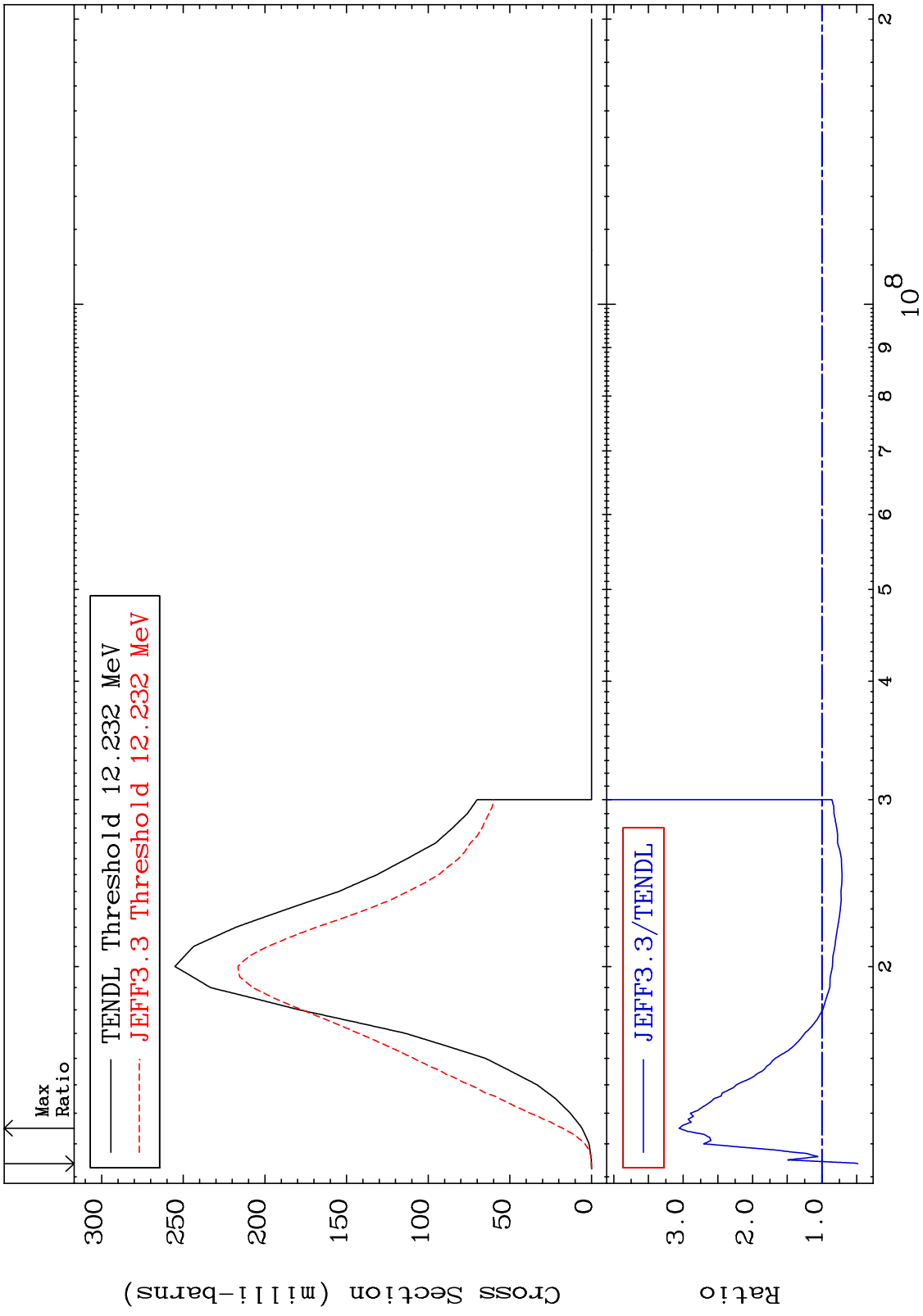
MAT 9440 Inelastic Cross Section 94-Pu-240 -48.50 To 65.81 %



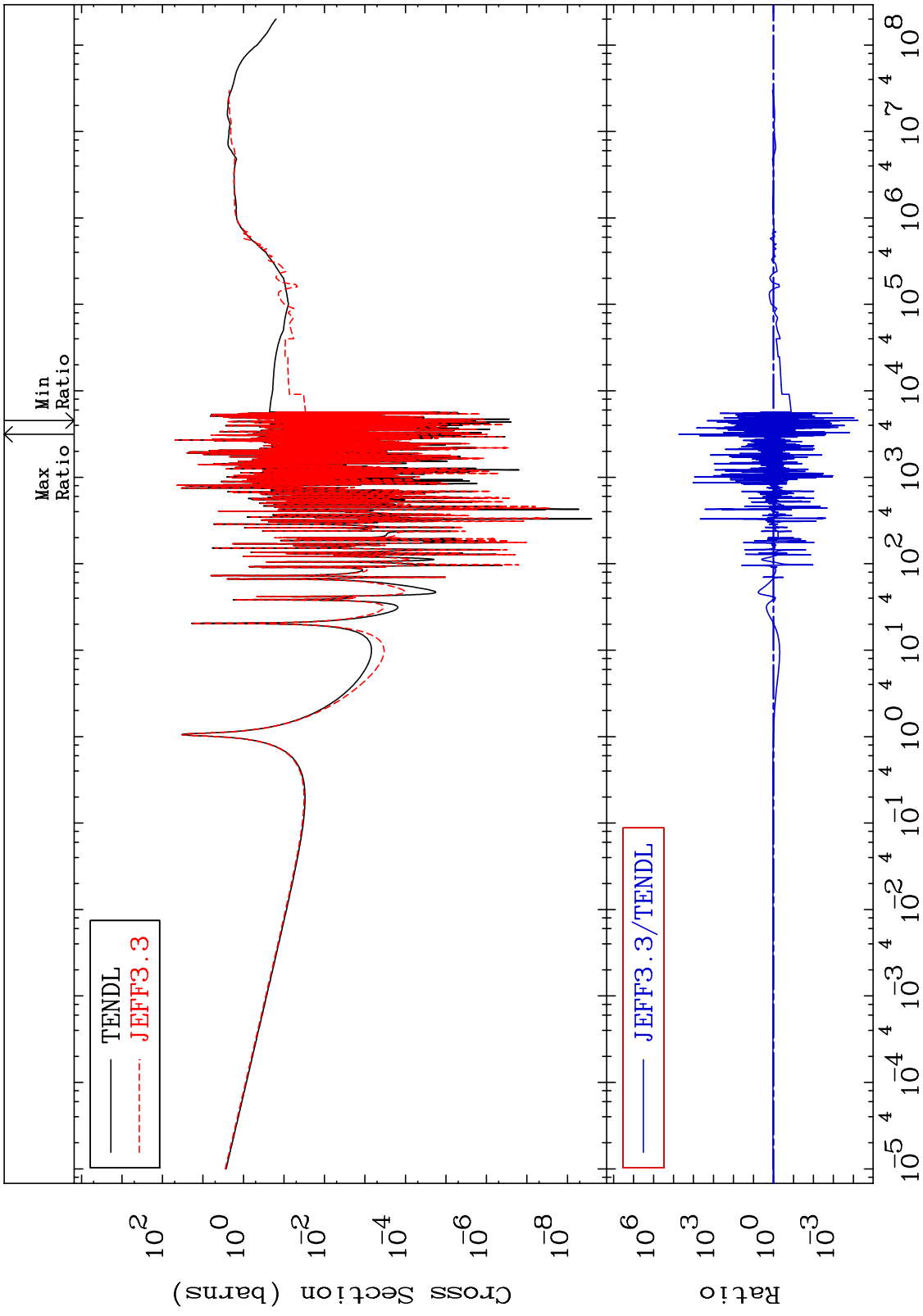
MAT 9440 (n,2n) Cross Section 94-Pu-240 -55.10 To 9.336 %



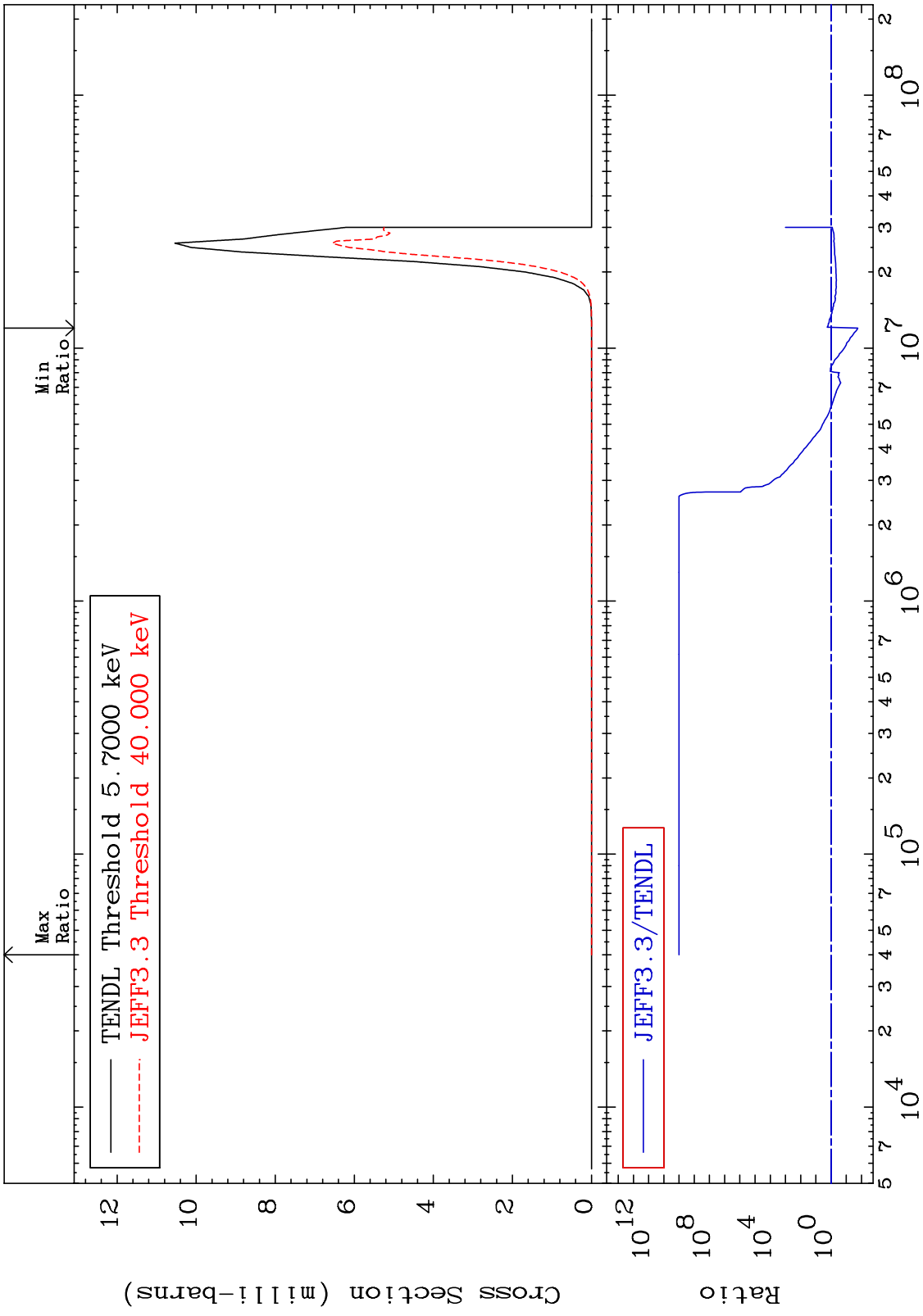
MAT 9440 (n,3n) 94-Pu-240
 Cross Section -51.65 To 206.0 %



MAT 9440 Fission Cross Section 94-Pu-240 -99.99 To 9999. %

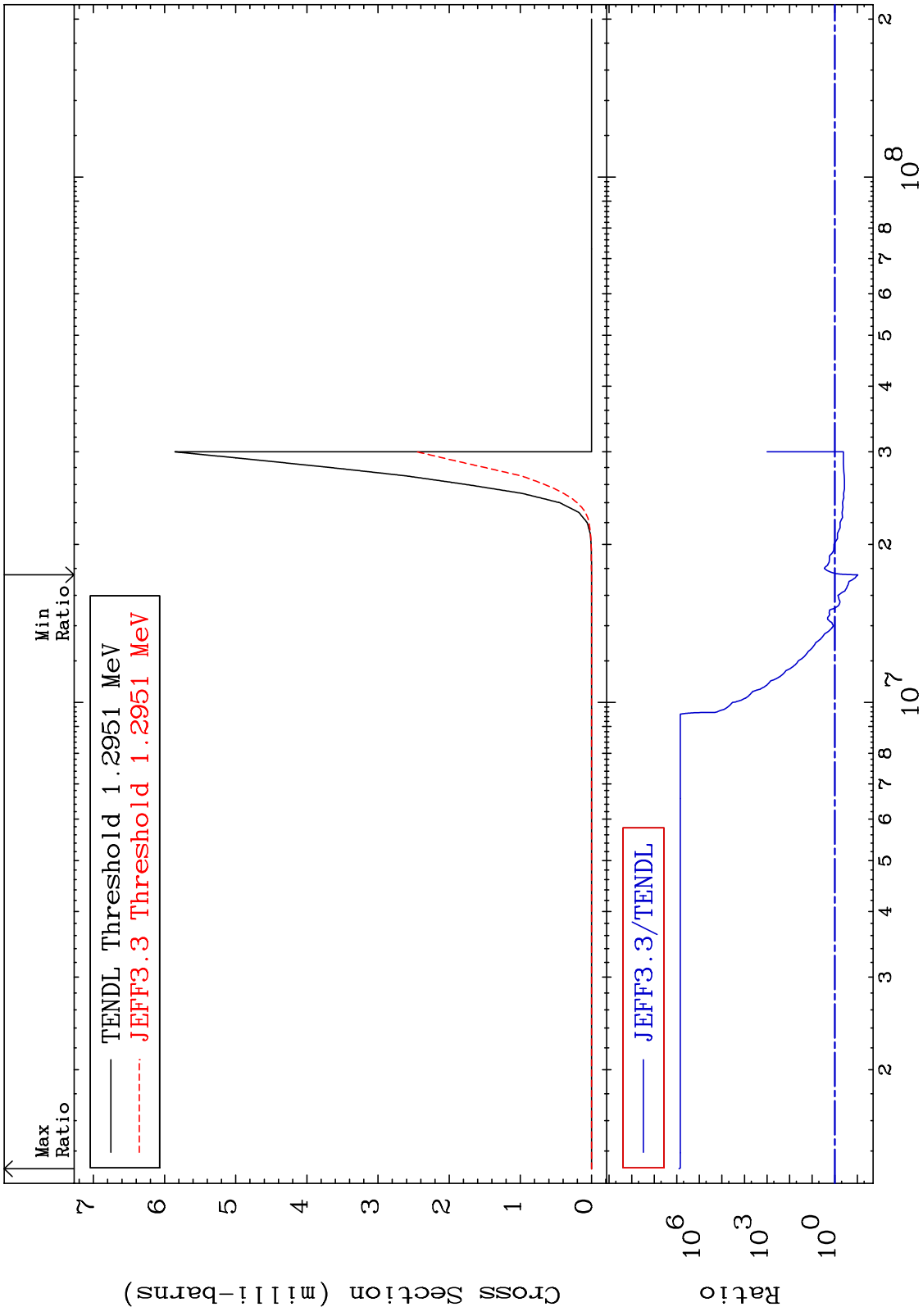


MAT 9440 $(n, n') \alpha$ Cross Section 94-Pu-240 -98.27 To 9999. %

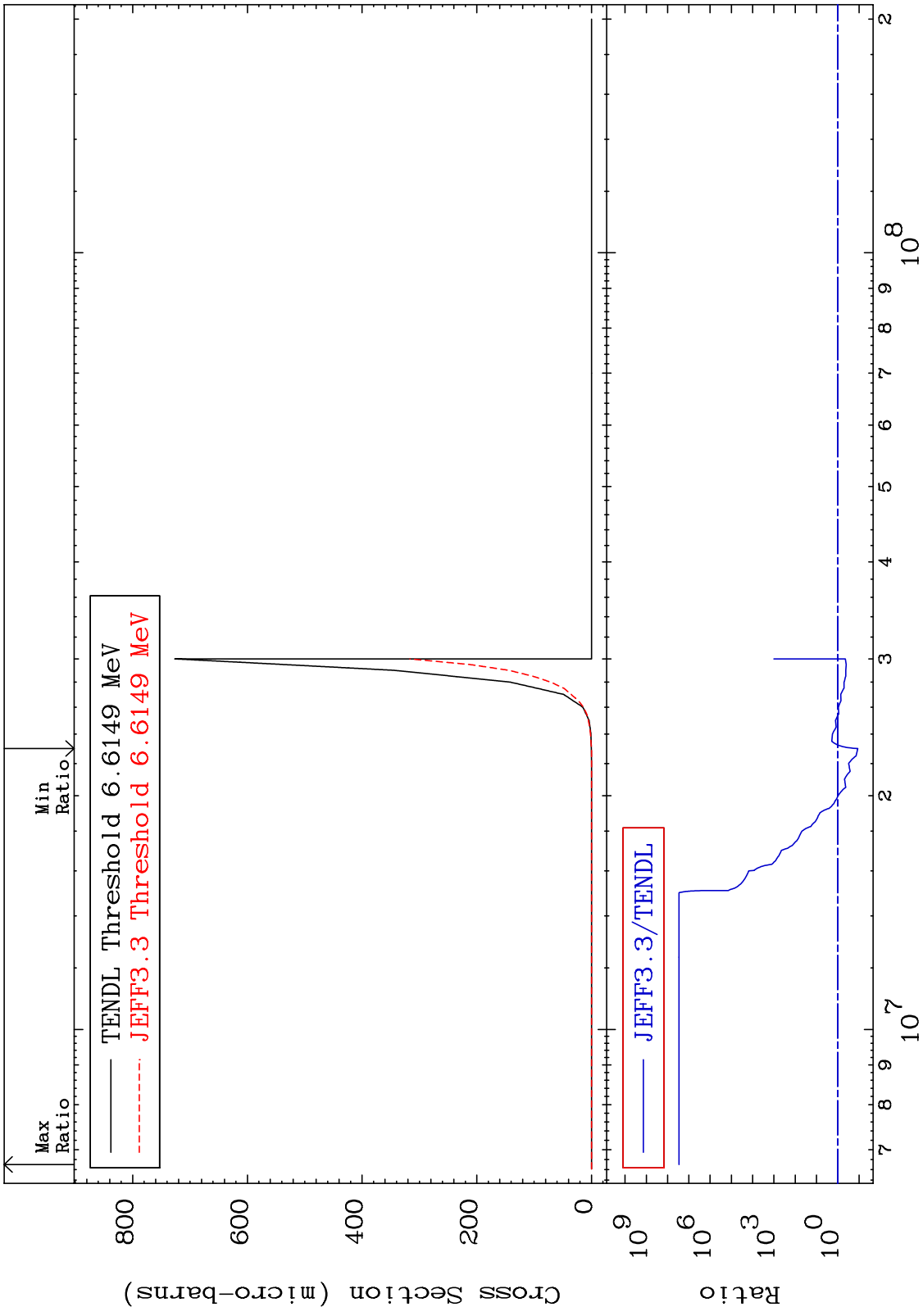


7 Incident Energy (eV) 94-Pu-240

MAT 9440 $(n, 2n) \alpha$ 94-Pu-240
 Cross Section -90.53 To 9999. %

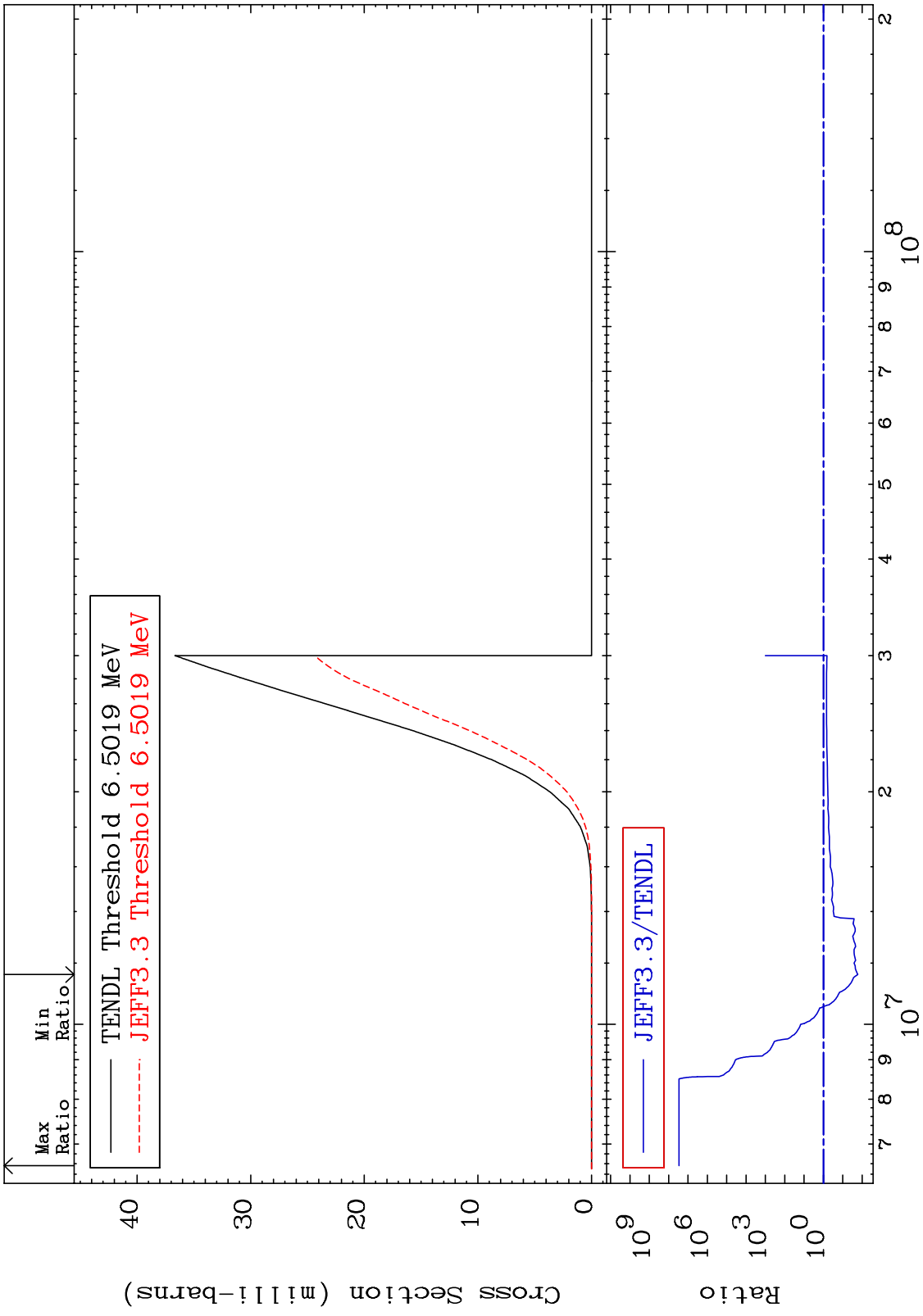


MAT 9440 $(n, 3n) \alpha$ 94-Pu-240
 Cross Section -88.65 To 9999. %



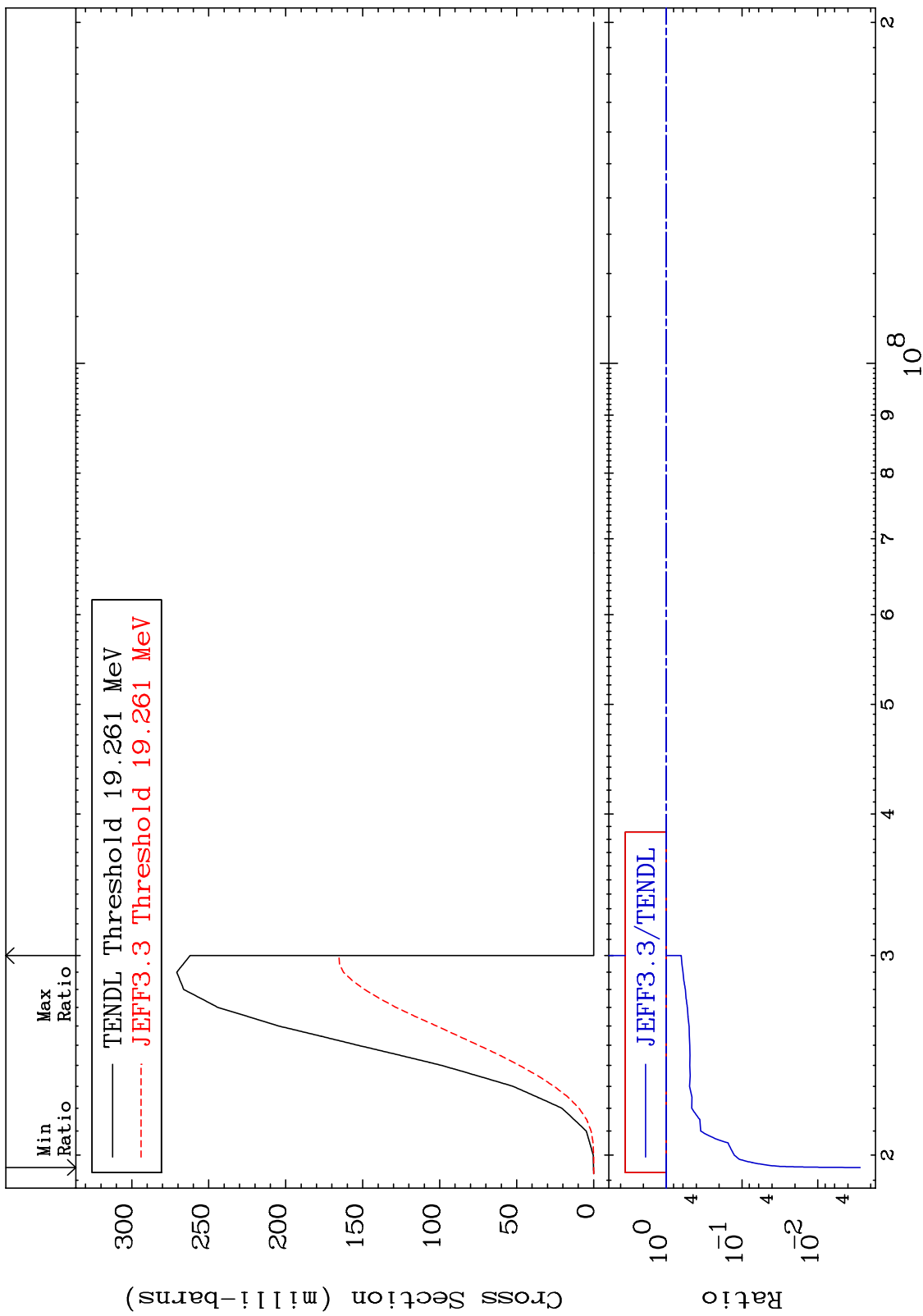
9 94-Pu-240

MAT 9440 (n,n') p 94-Pu-240
 Cross Section -98.33 To 9999. %

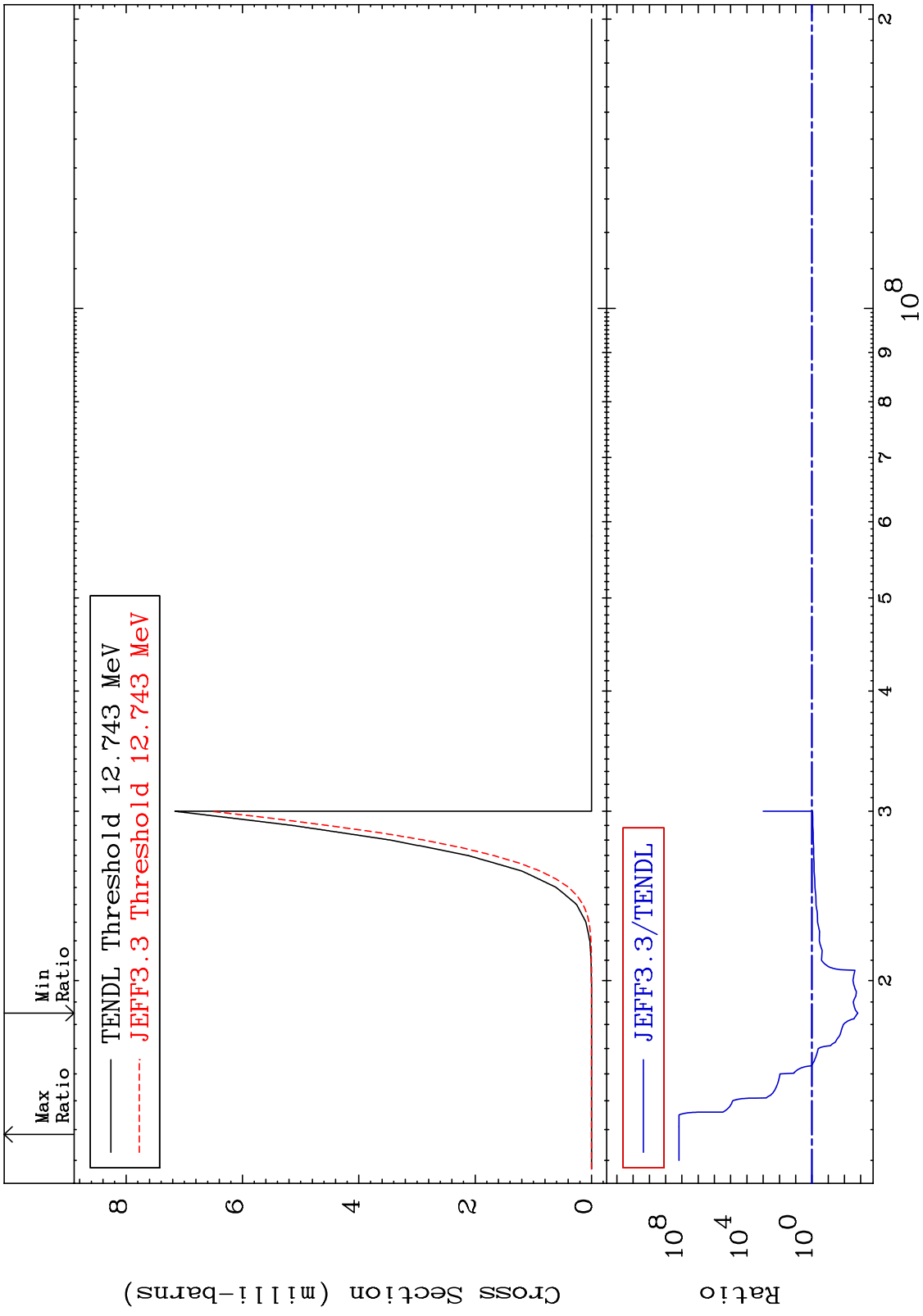


10 94-Pu-240

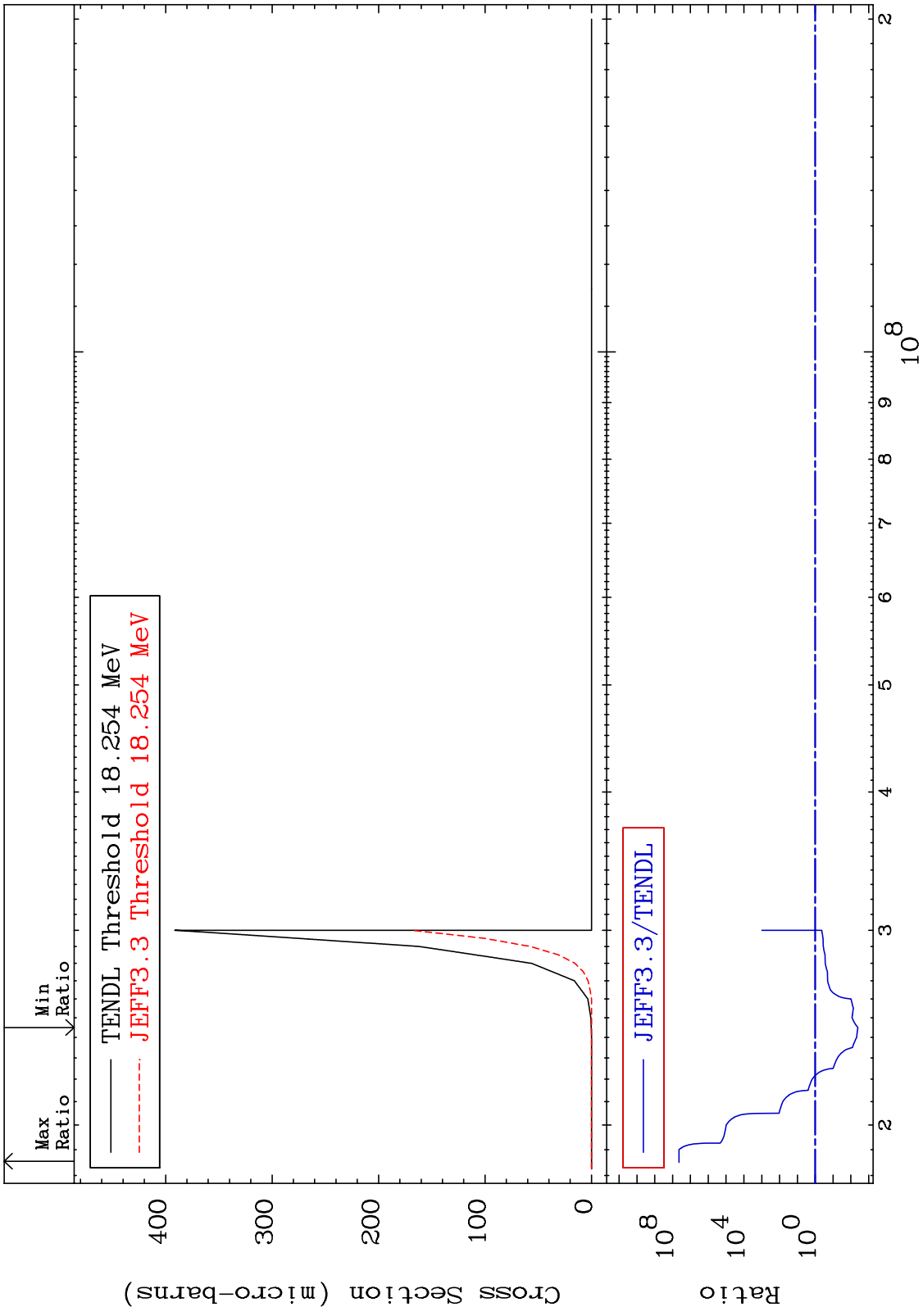
MAT 9440 $(n, 4n)$ Cross Section 94-Pu-240 -99.72 To -36.84%



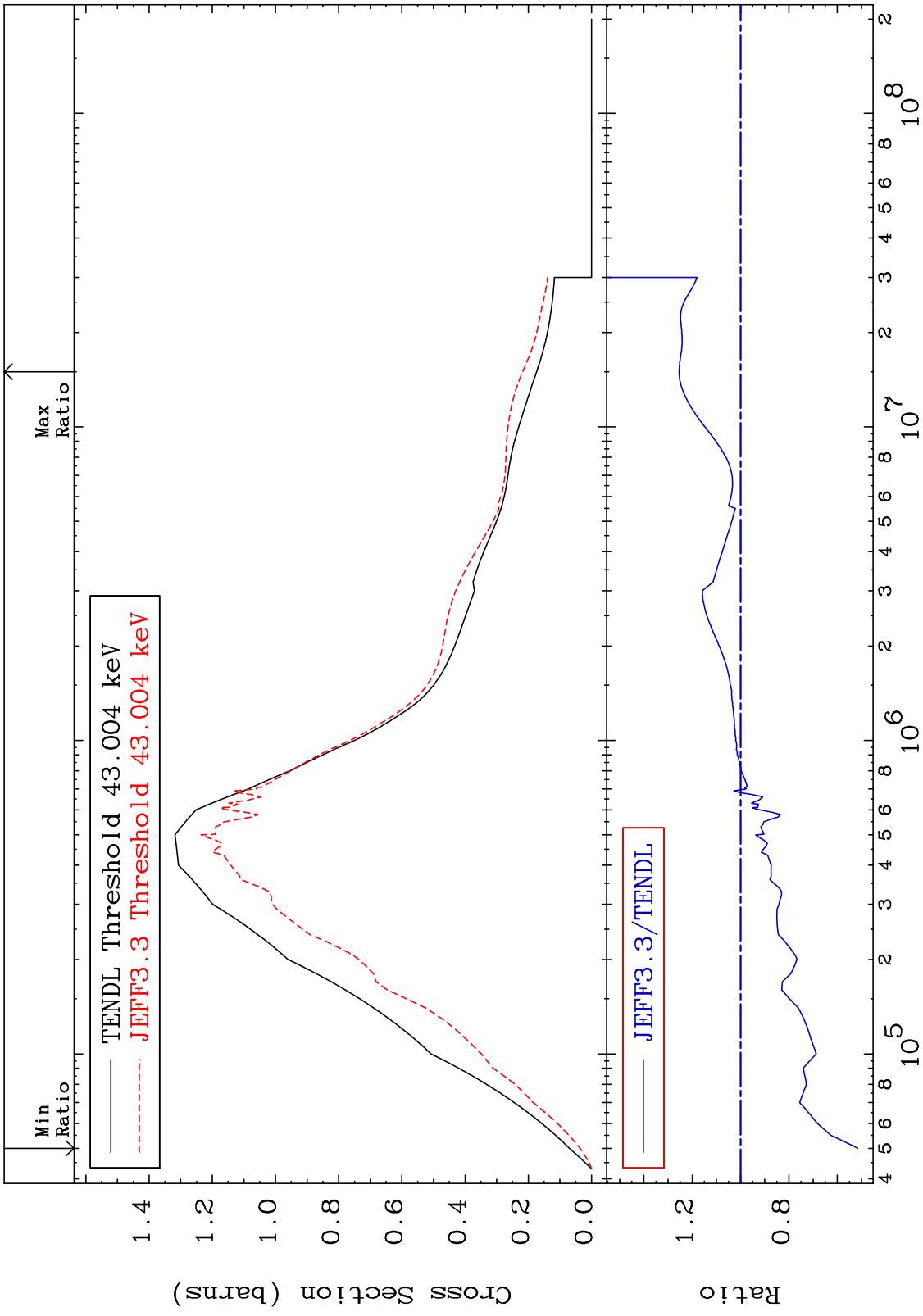
MAT 9440 (n,2n) p 94-Pu-240
 Cross Section -99.85 To 9999. %



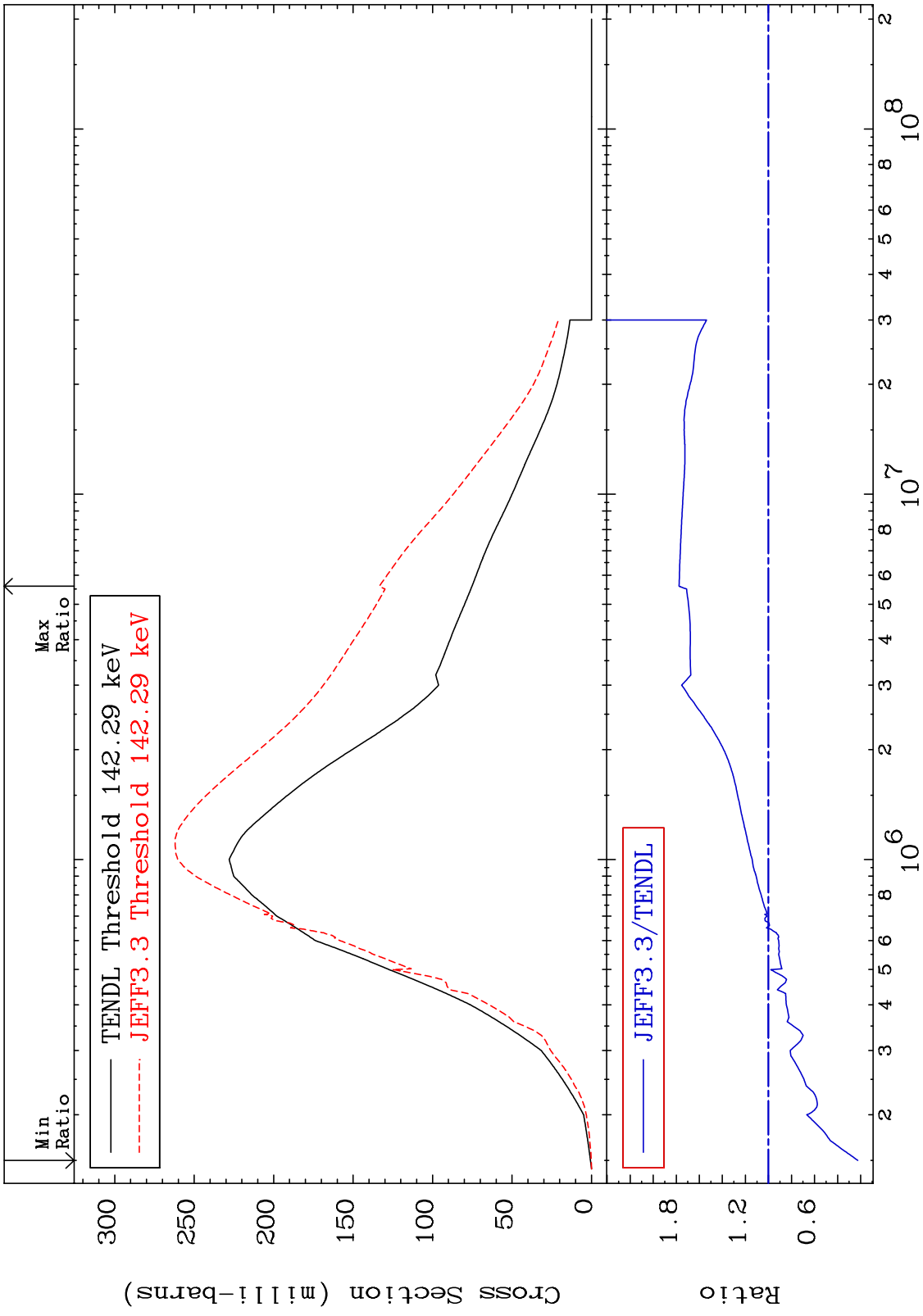
MAT 9440 (n,3n) p 94-Pu-240
 Cross Section -99.59 To 9999. %



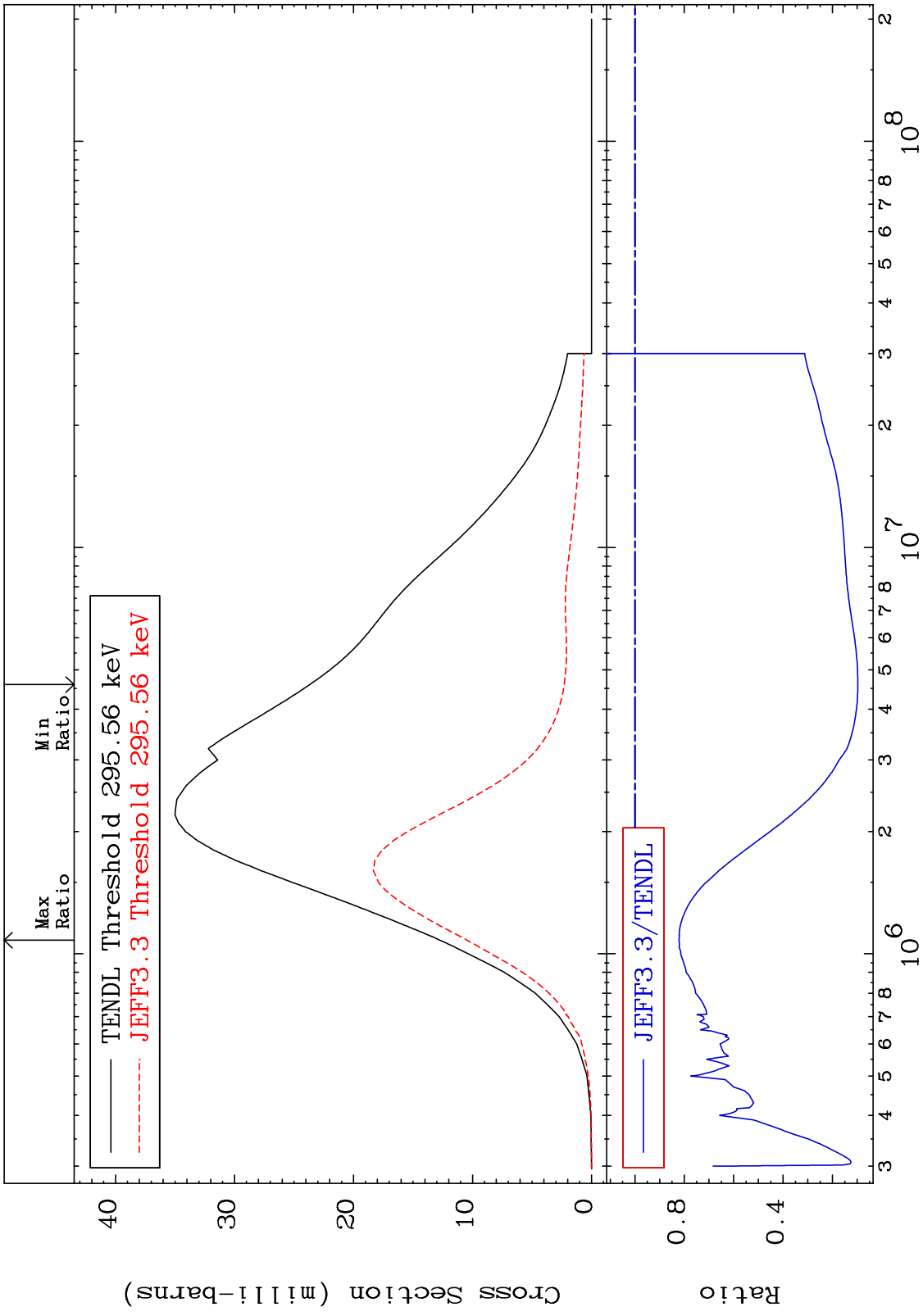
MAT 9440 MT= 51 (n,n') Level Cross Section 94-Pu-240
 -48.50 To 25.45 %



MAT 9440 MT= 52 (n,n') Level Cross Section -77.57 To 77.59 % 94-Pu-240

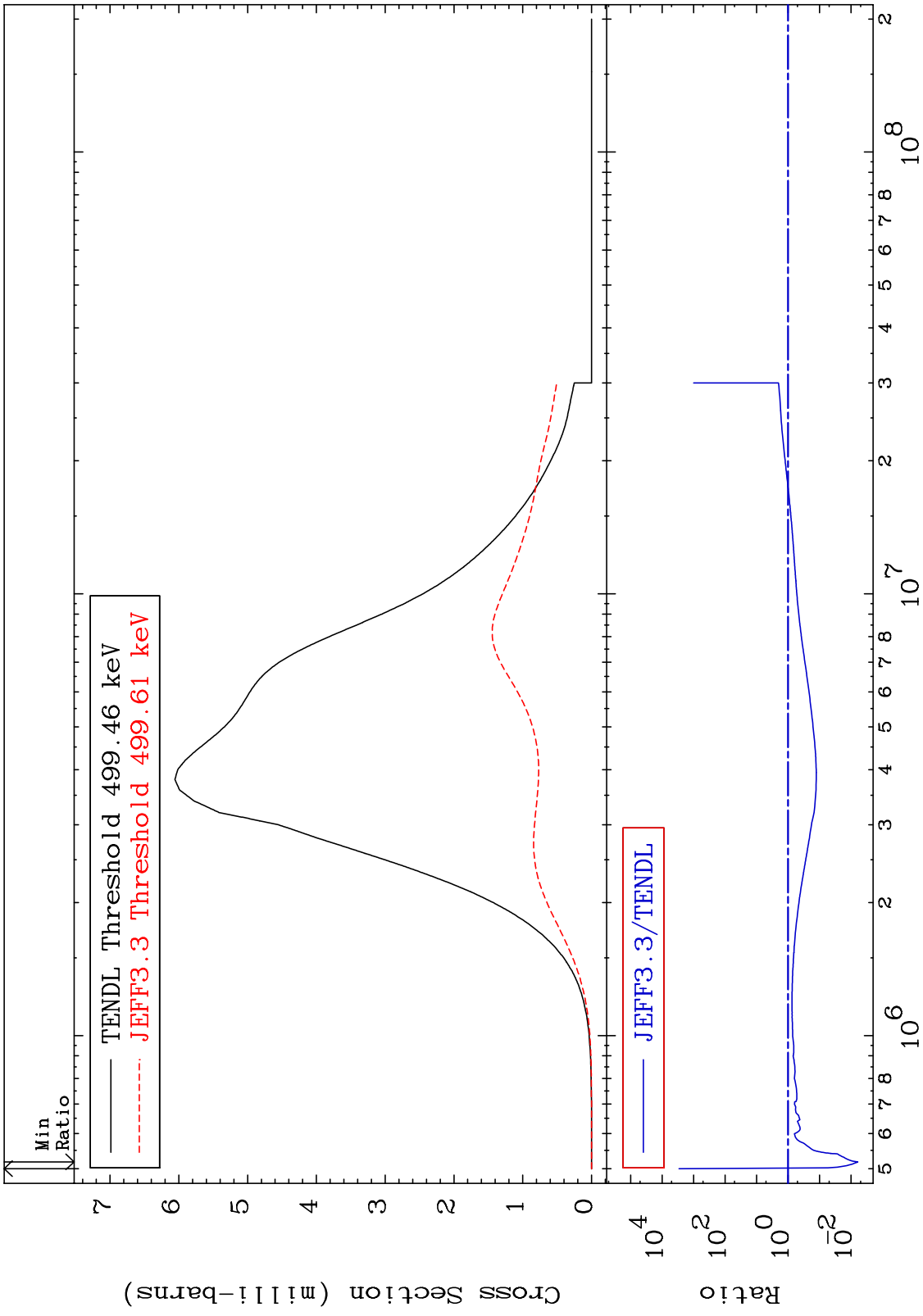


MAT 9440 MT= 53 (n,n') Level Cross Section 94-Pu-240 -90.28 To -17.86%

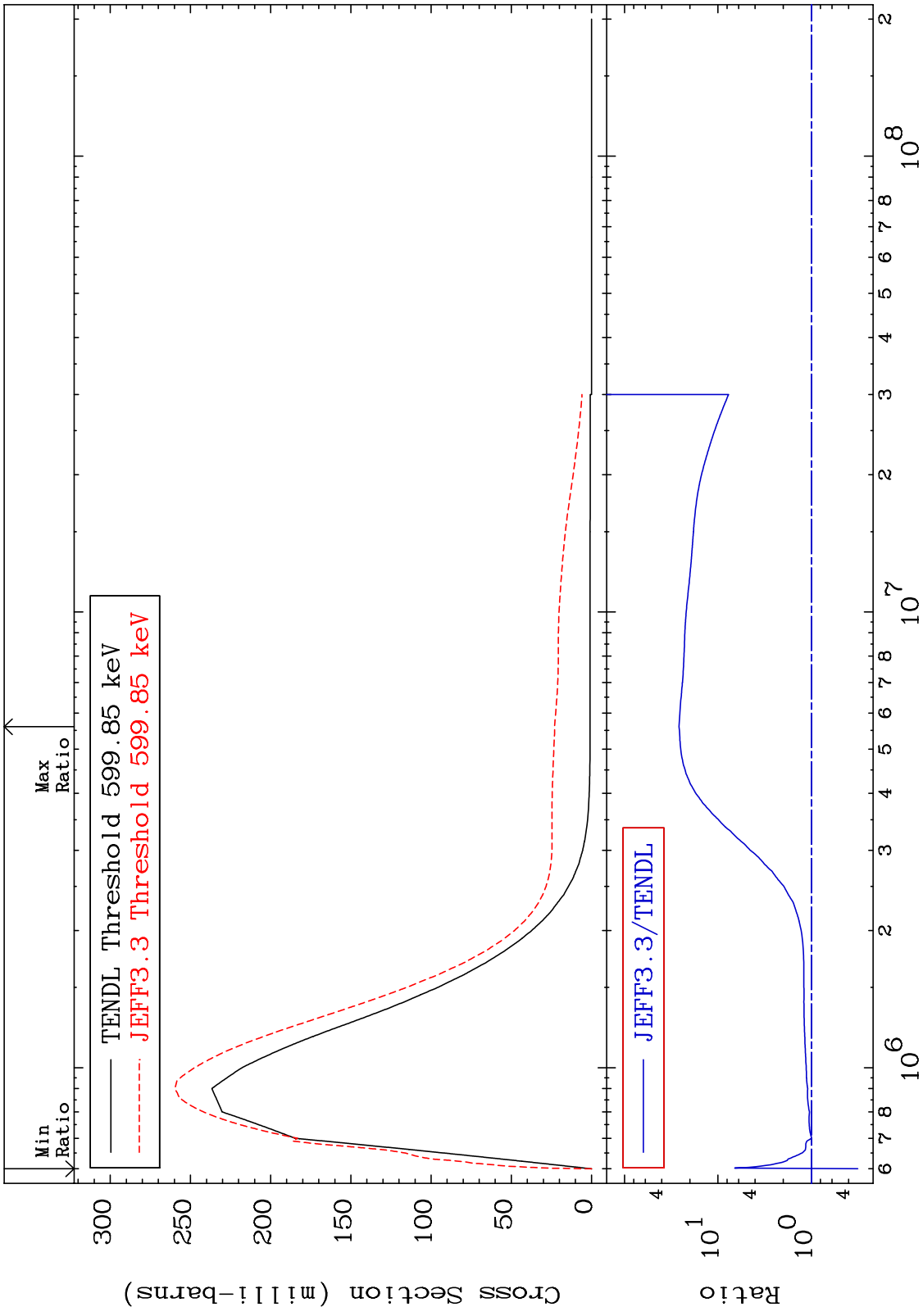


16 94-Pu-240

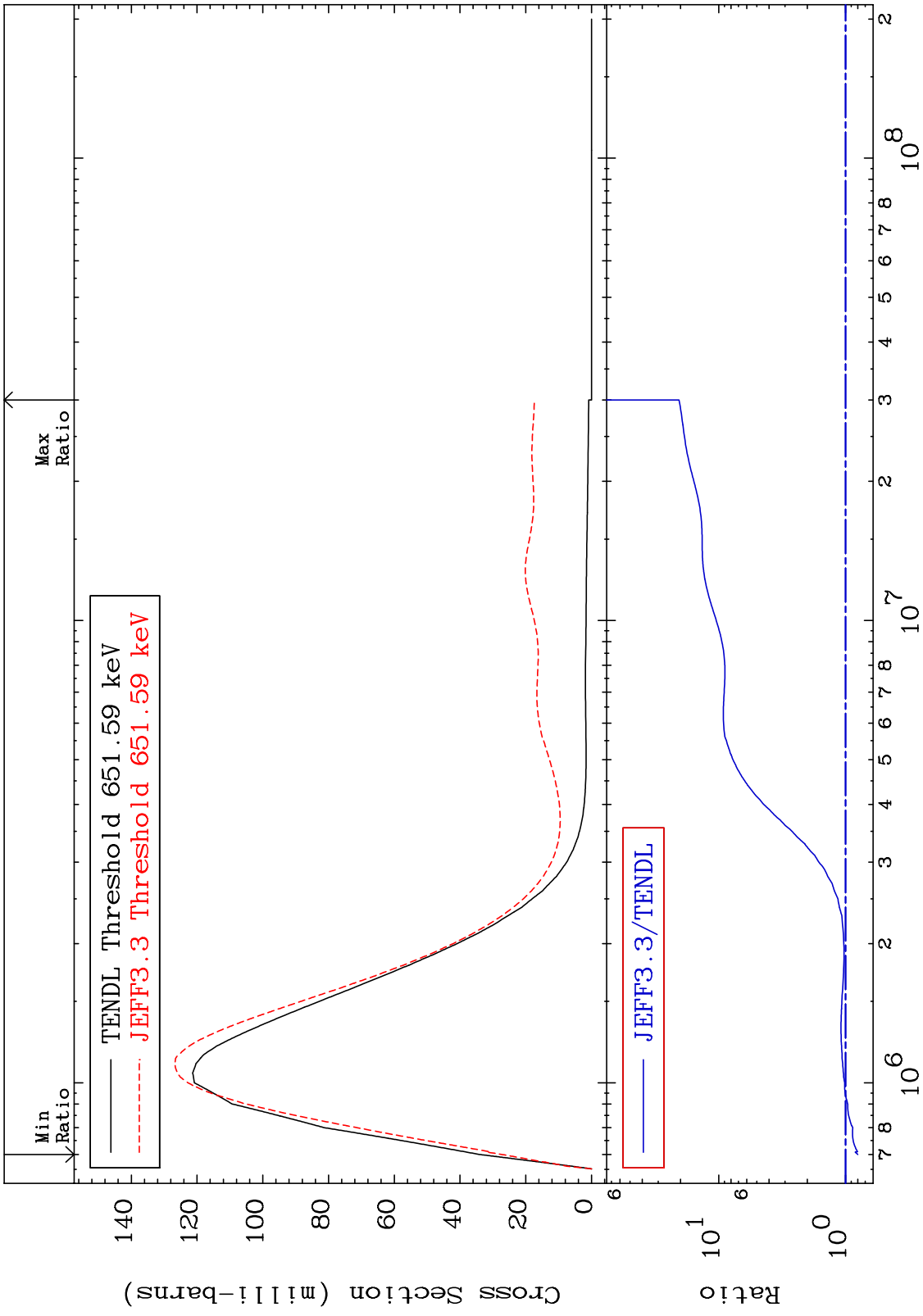
MAT 9440 MT= 54 (n,n') Level Cross Section 94-Pu-240
 -99.39 To 9999. %



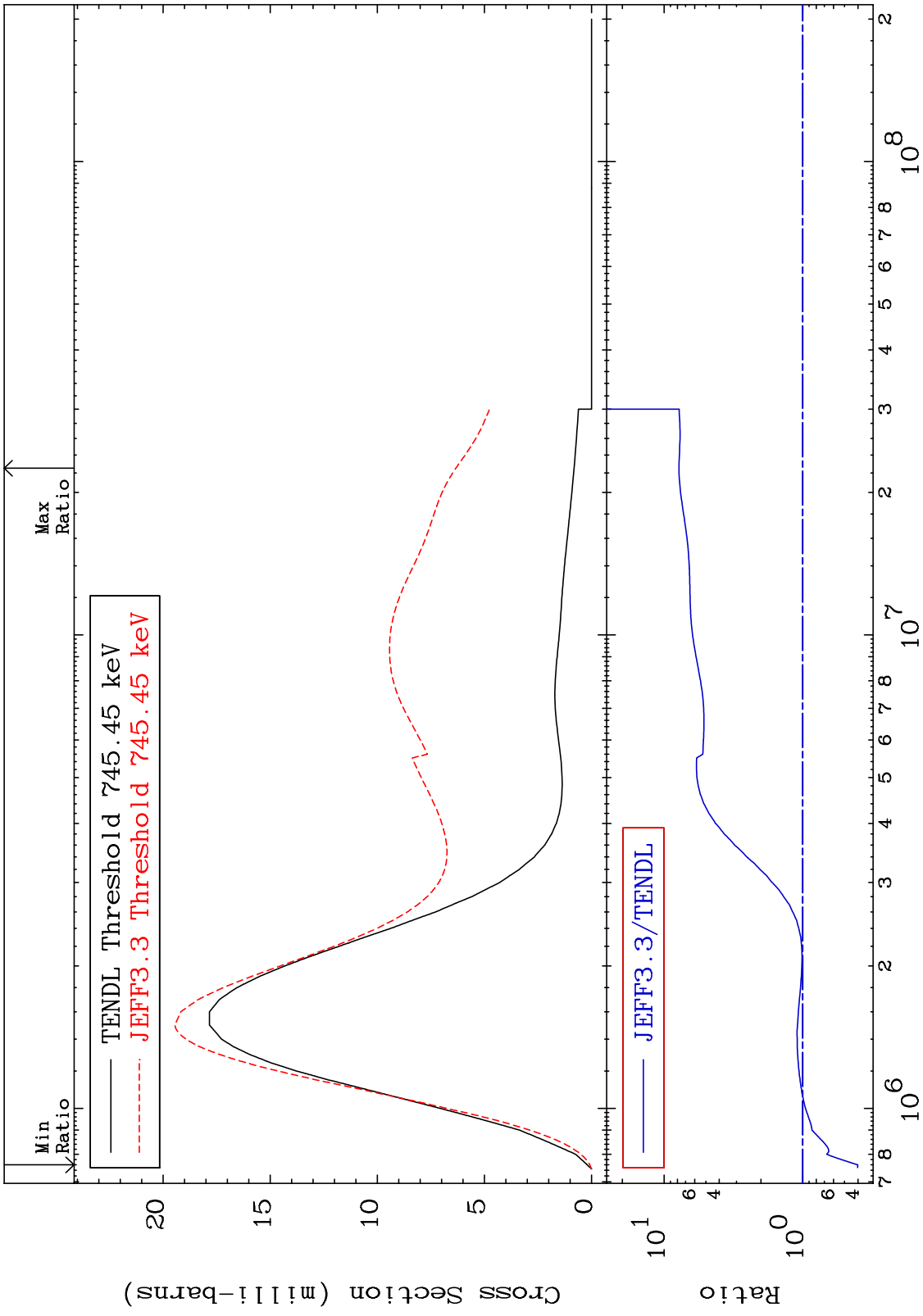
MAT 9440 MT= 55 (n,n') Level 94-Pu-240
 Cross Section -68.20 To 2512. %



MAT 9440 MT= 56 (n,n') Level Cross Section -20.09 To 1954. % 94-Pu-240

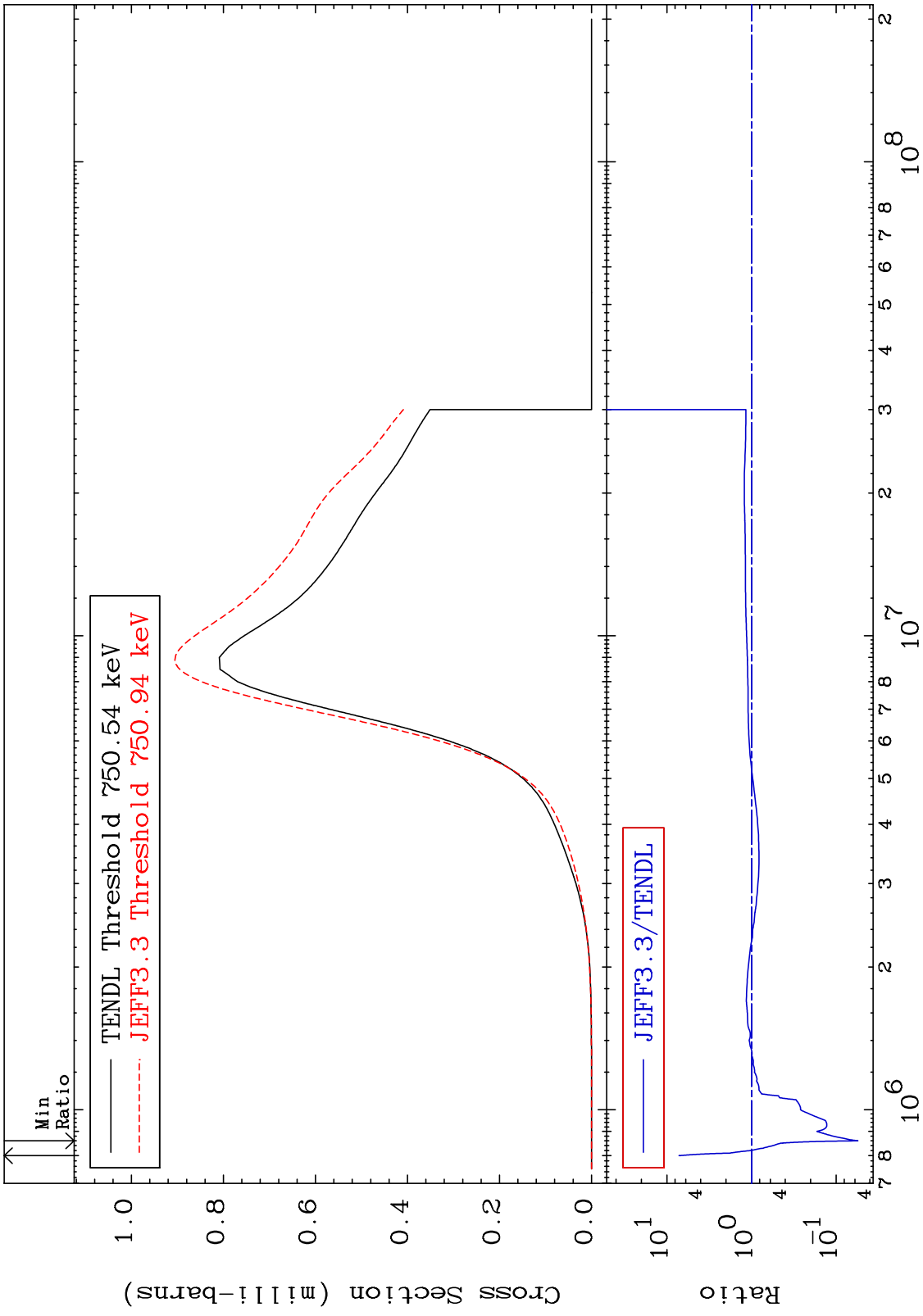


MAT 9440 MT= 57 (n,n') Level Cross Section 94-Pu-240
 -59.92 To 679.5 %

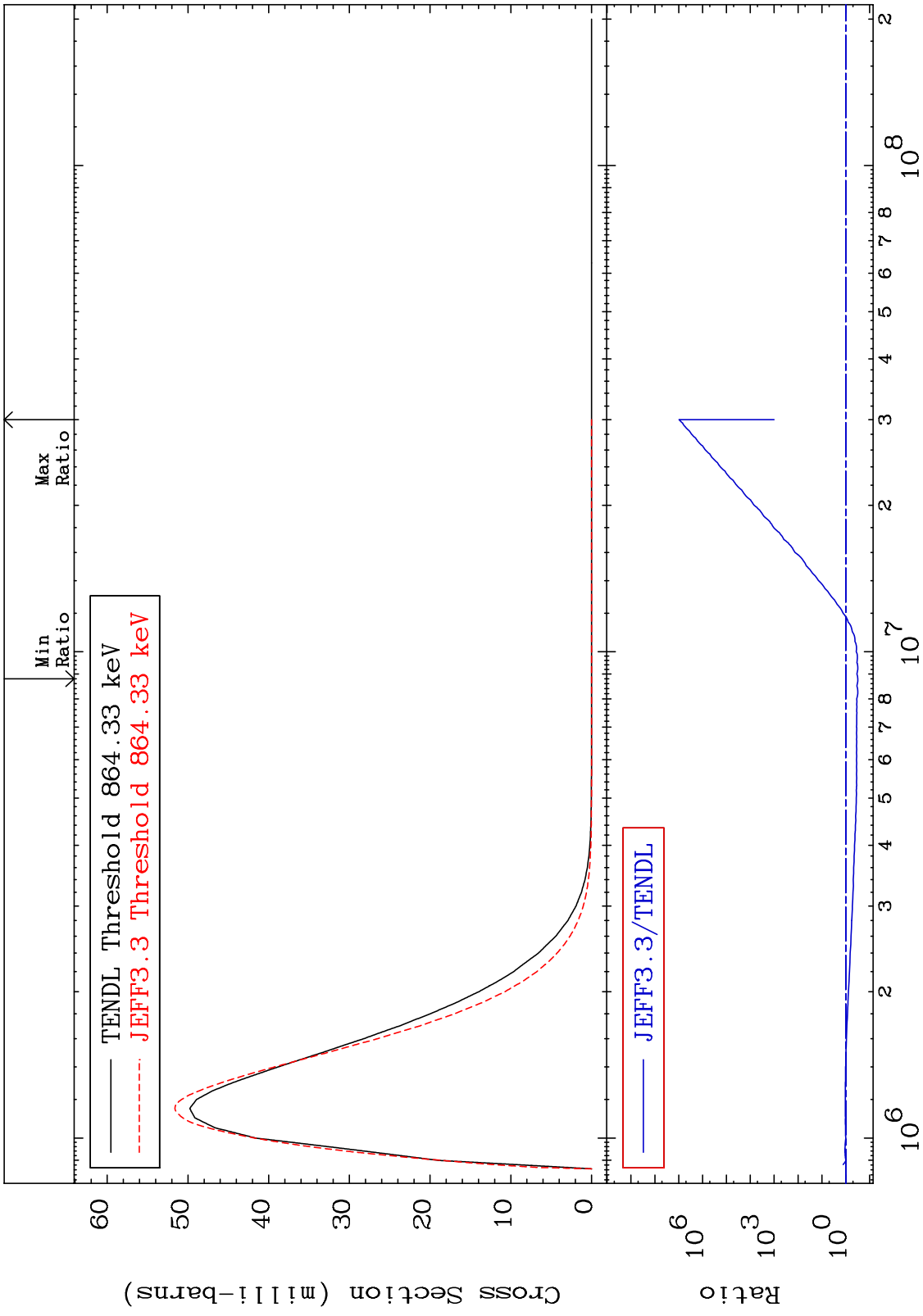


20 Incident Energy (eV) 94-Pu-240

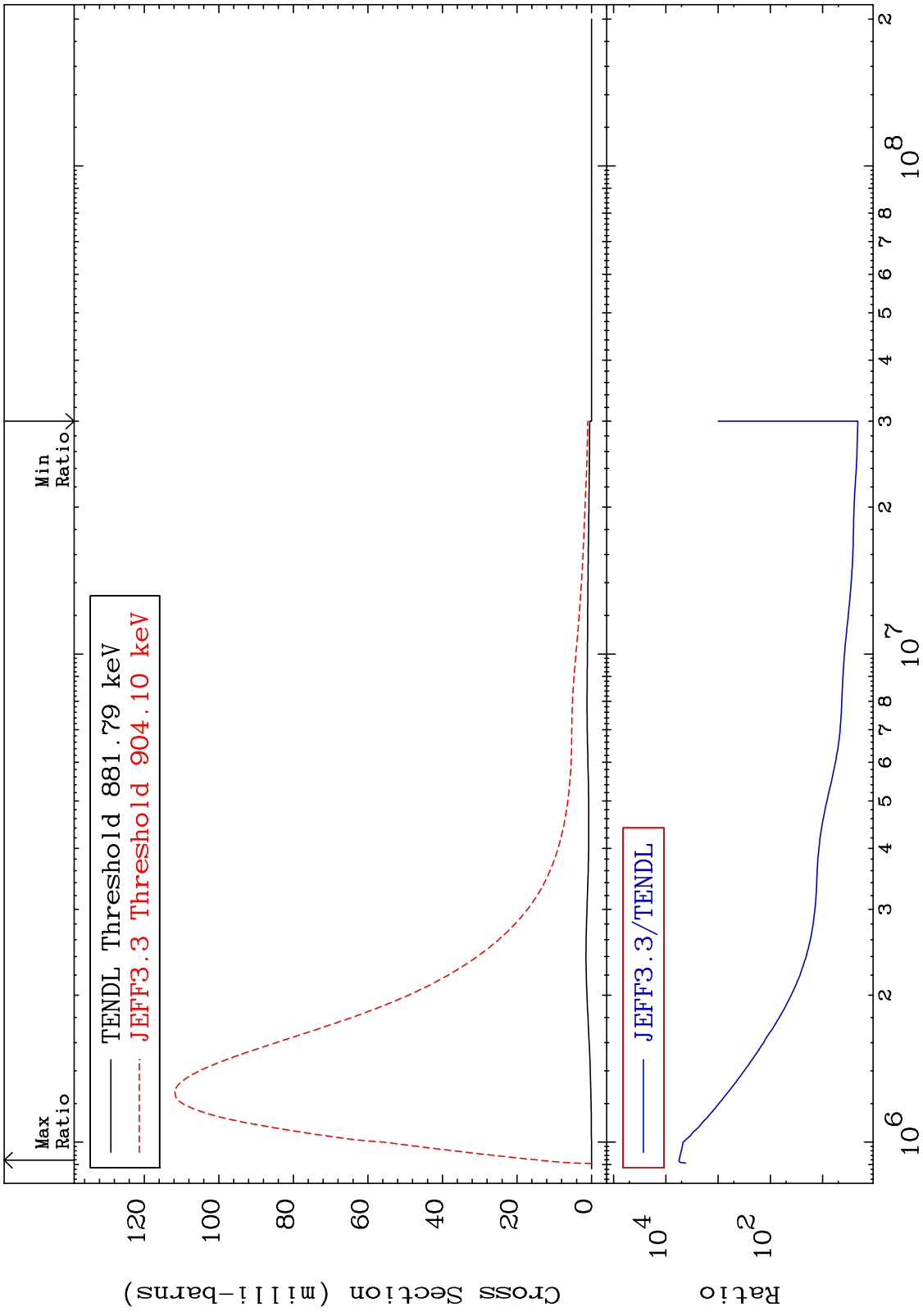
MAT 9440 MT= 58 (n,n') Level Cross Section 94-Pu-240
 -94.47 To 618.8 %



MAT 9440 MT= 59 (n,n') Level Cross Section 94-Pu-240
 -68.84 To 9999. %

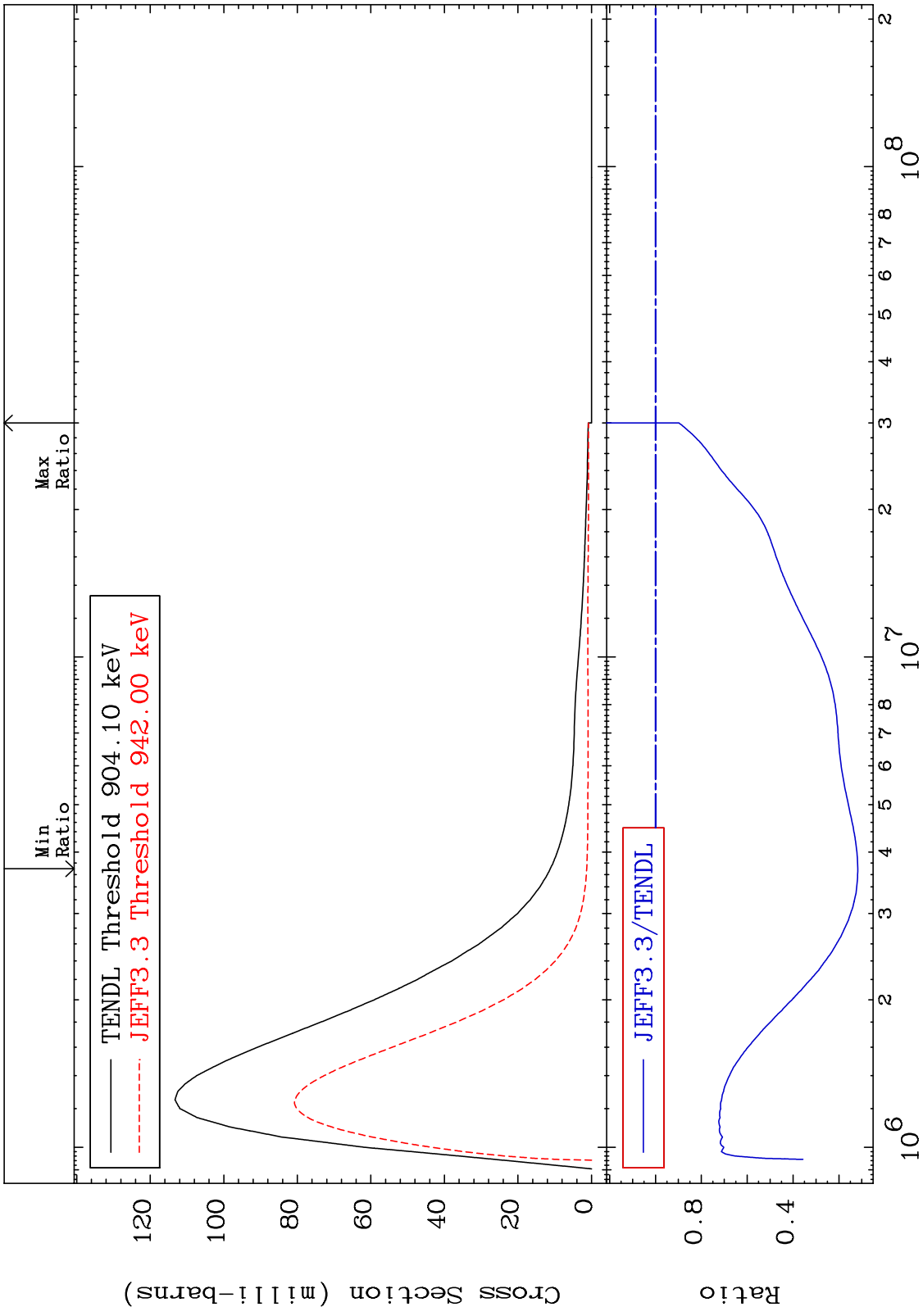


MAT 9440 MT= 60 (n,n') Level Cross Section 94-Pu-240
 110.5 To 9999. %

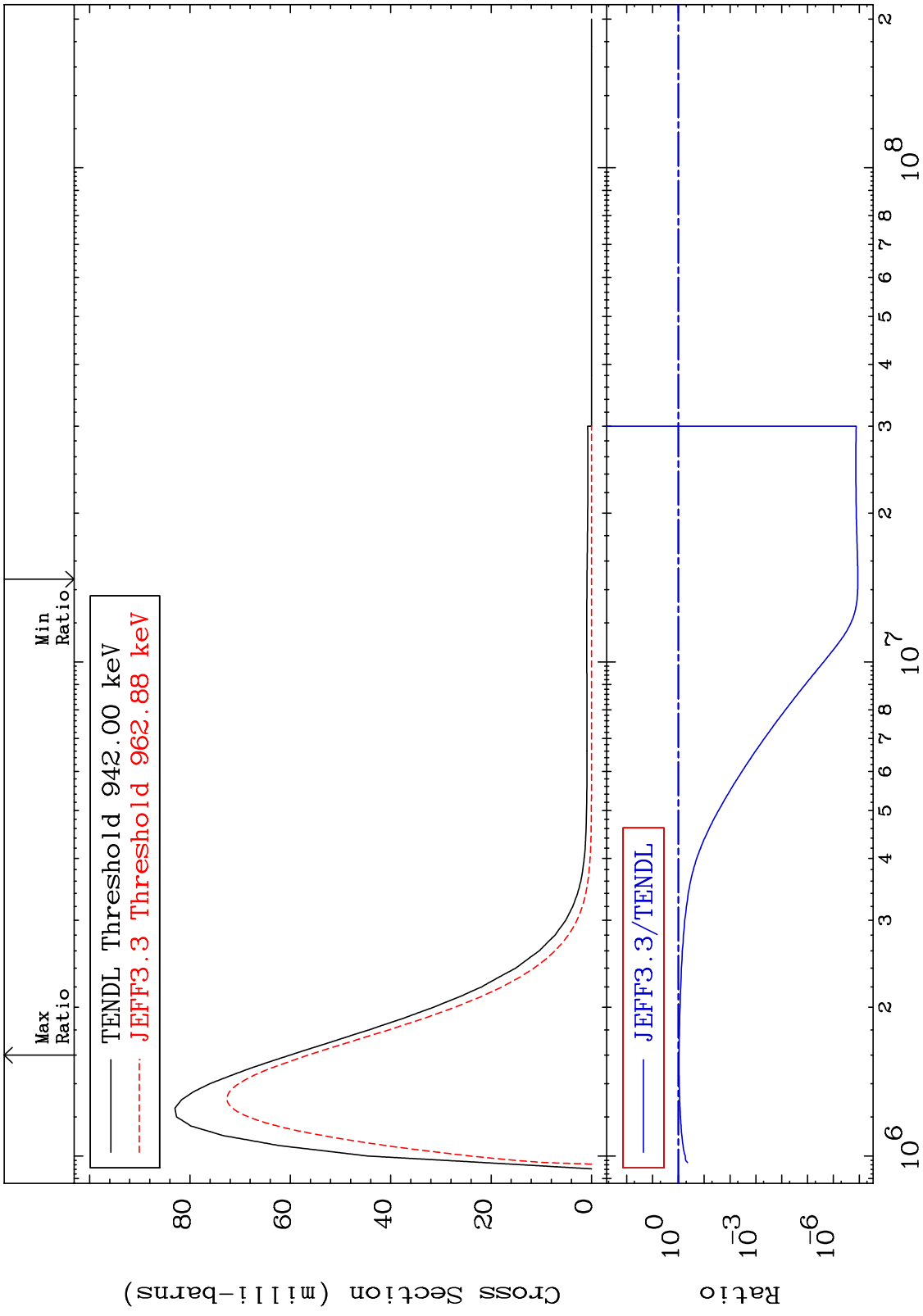


94-Pu-240
 Incident Energy (eV)
 23

MAT 9440 MT= 61 (n,n') Level Cross Section 94-Pu-240 -88.26 To -10.28%

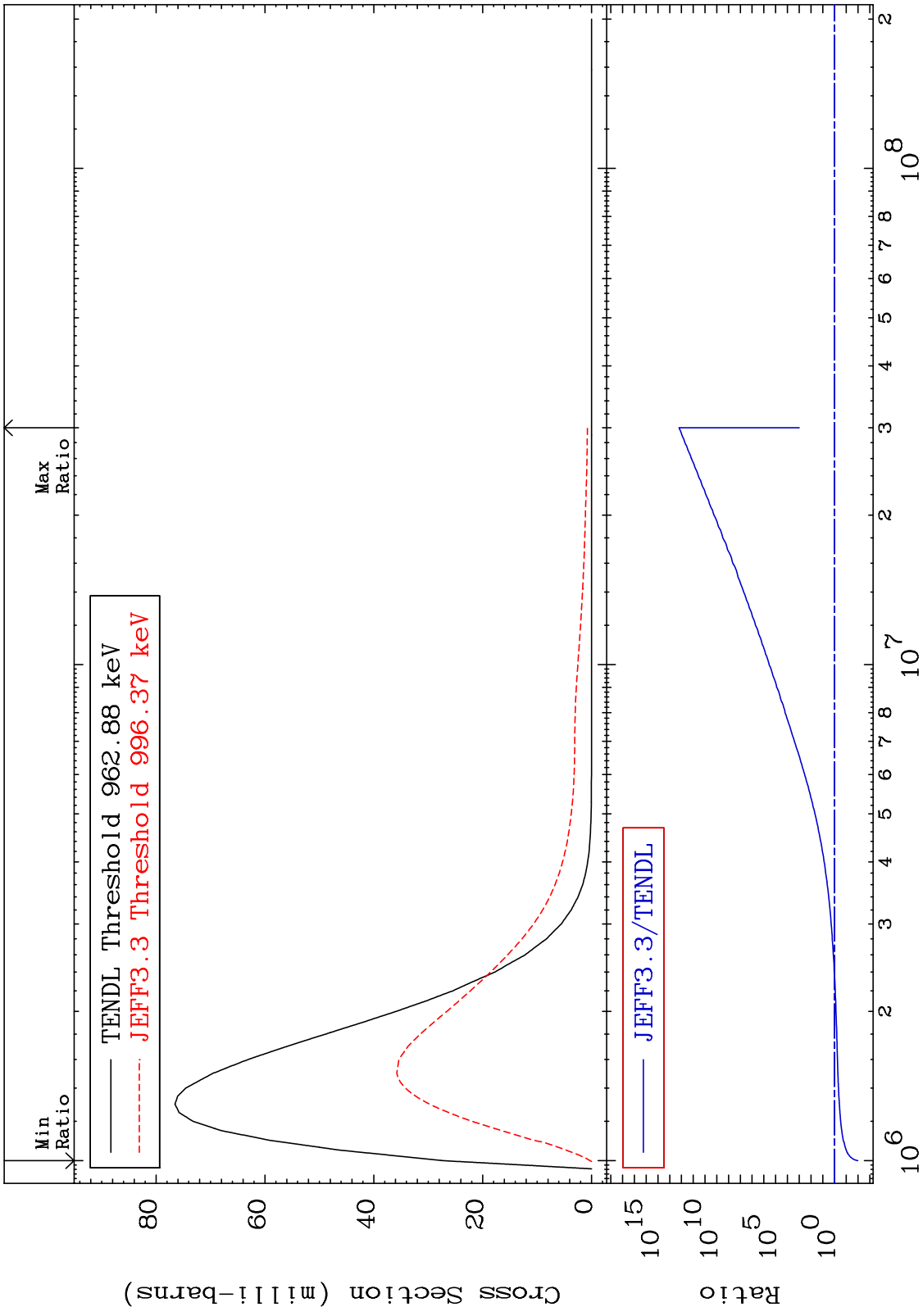


MAT 9440 MT= 62 (n,n') Level Cross Section 94-Pu-240
 -100.0 To -5.954%



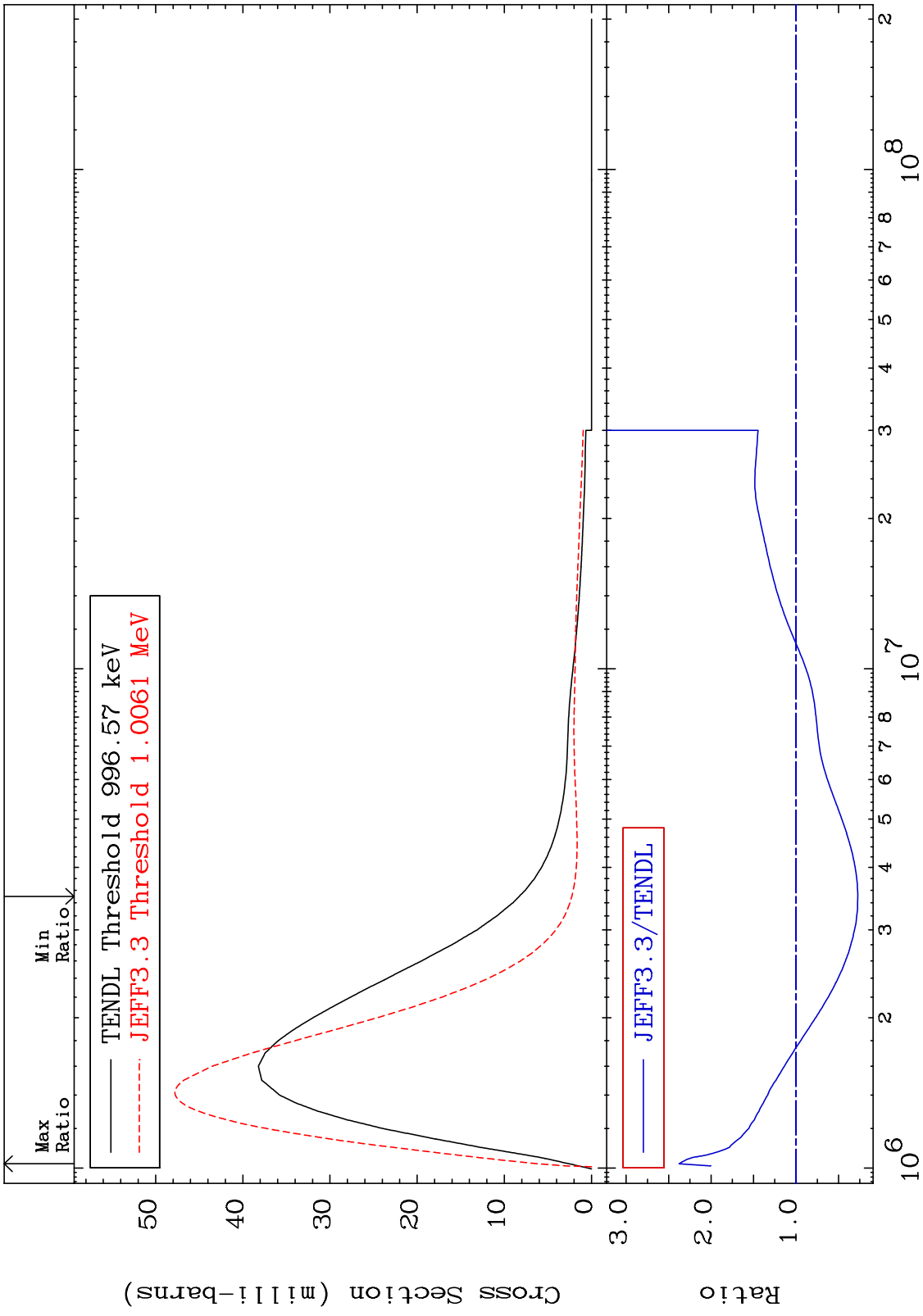
25 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 63 (n,n') Level Cross Section 94-Pu-240
 -98.96 To 9999. %



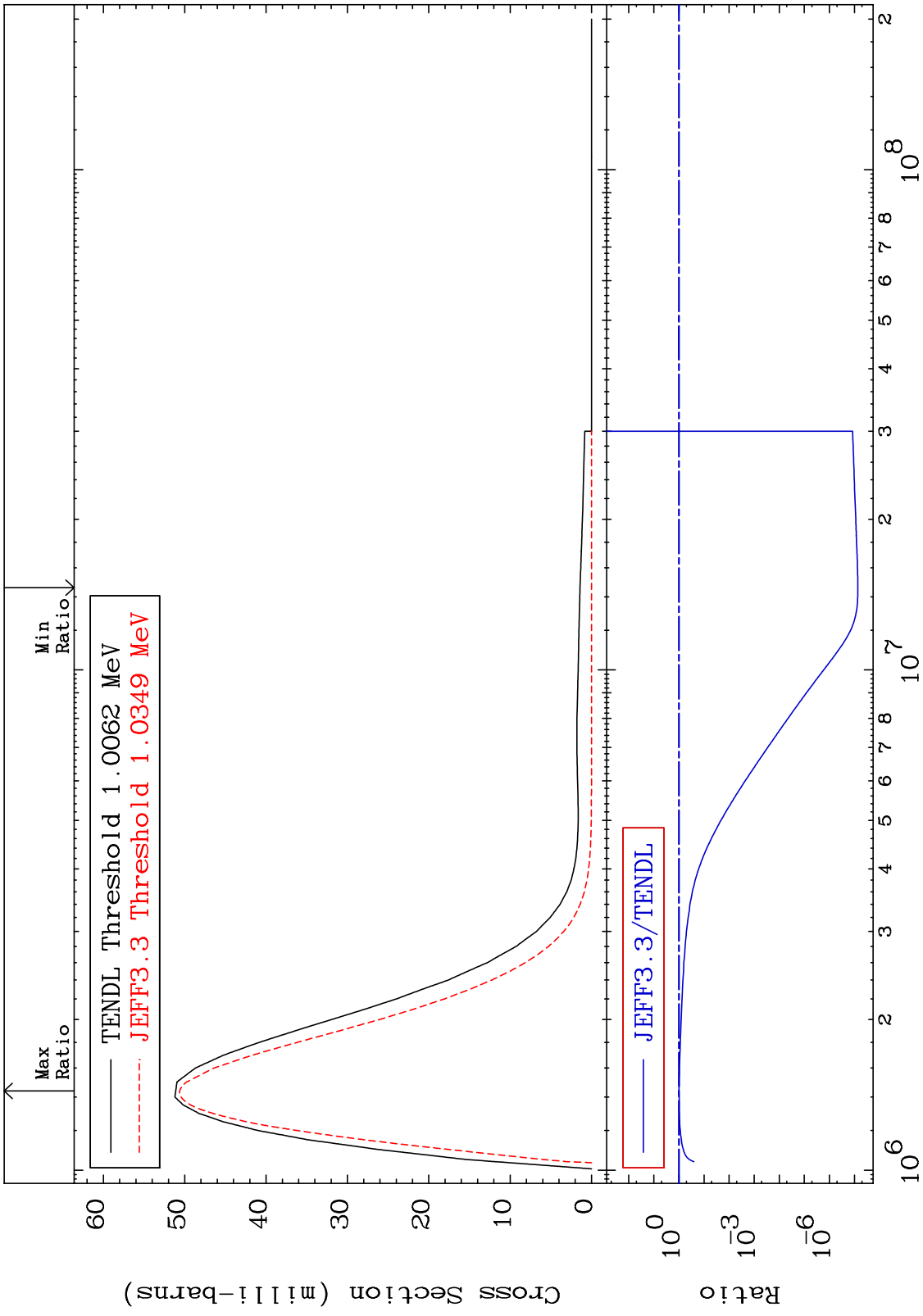
26 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 64 (n,n') Level Cross Section 94-Pu-240
 -72.77 To 137.7 %

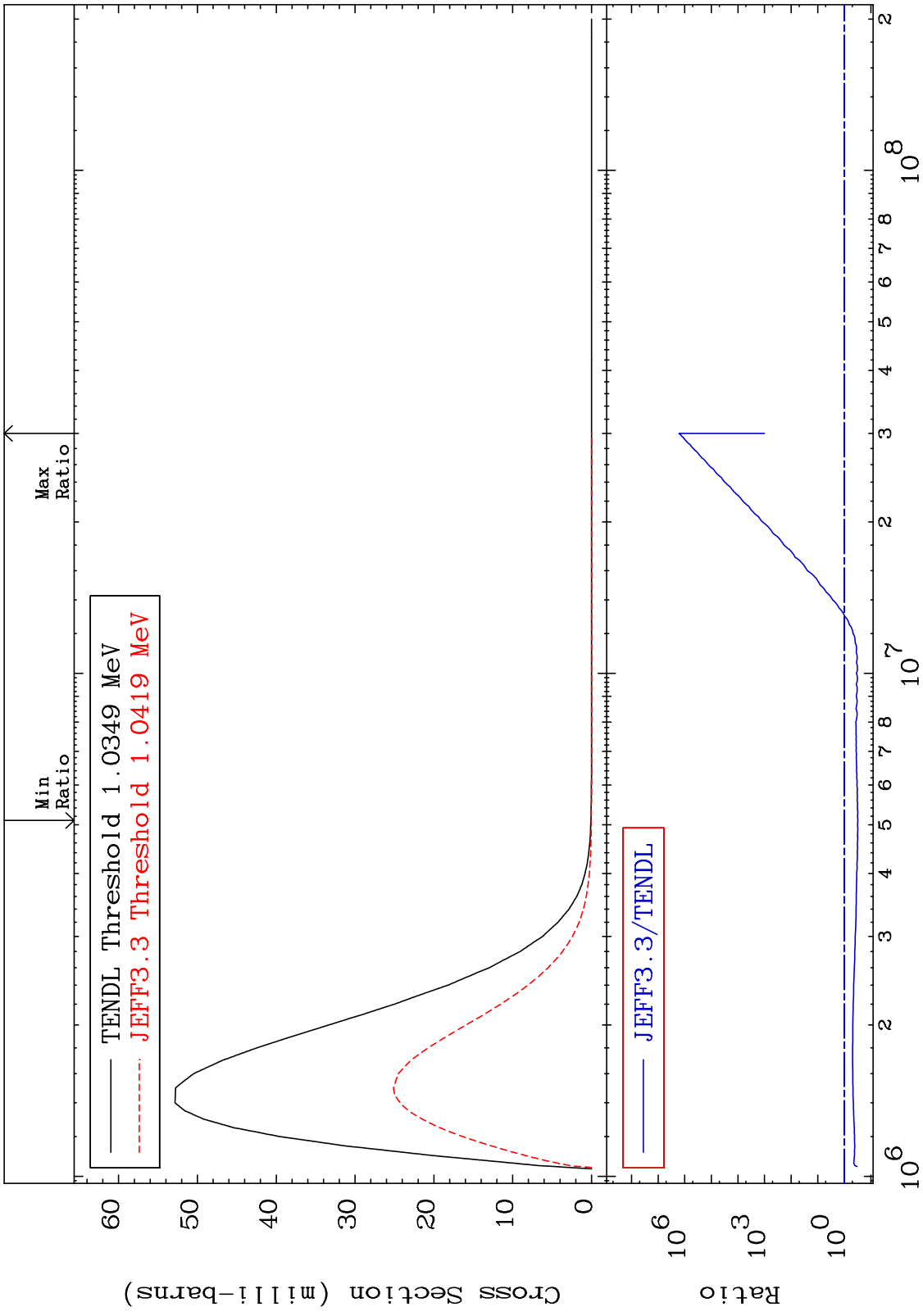


27 94-Pu-240

MAT 9440 MT= 65 (n,n') Level Cross Section 94-Pu-240
 -100.0 To -0.957%

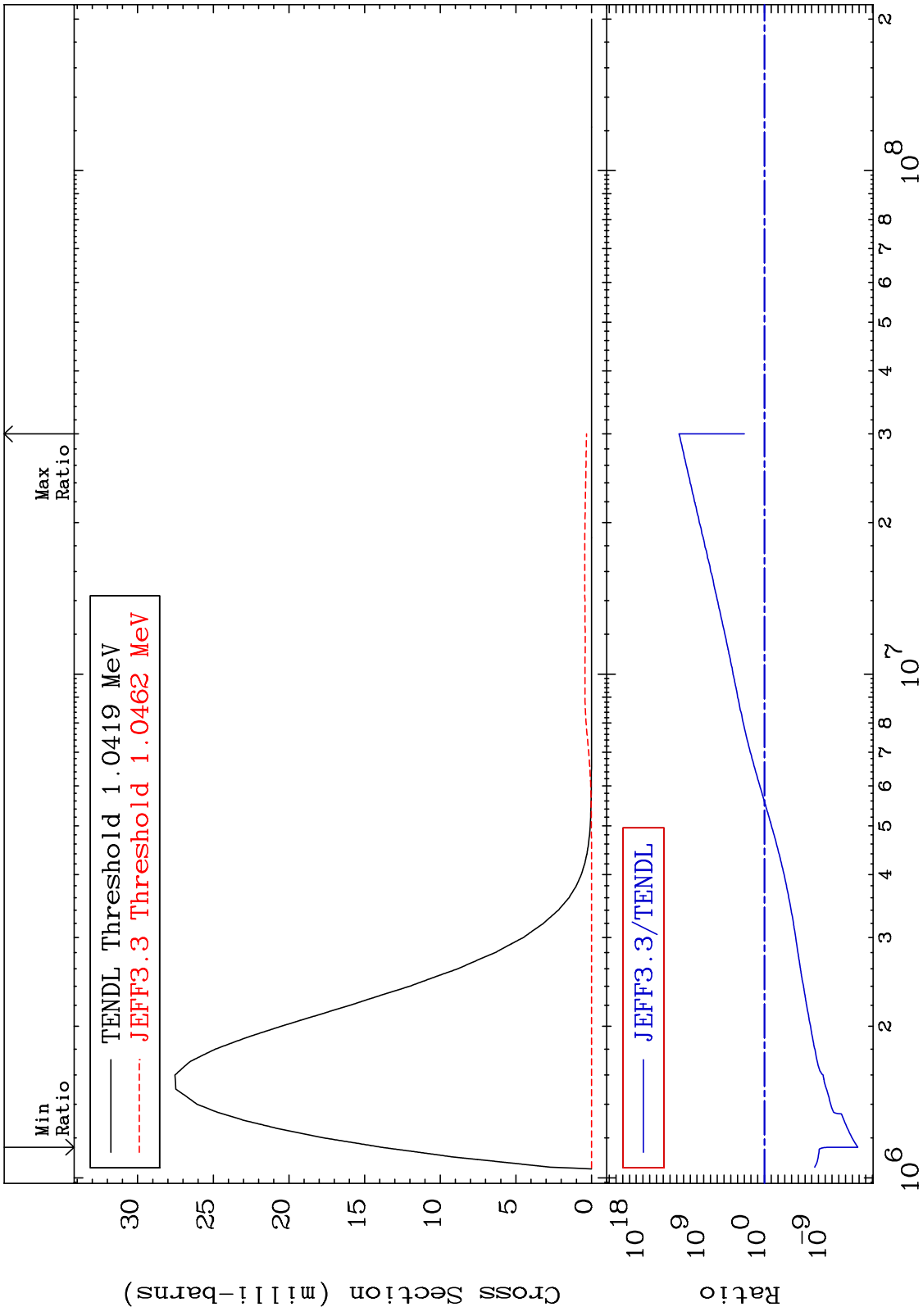


MAT 9440 MT= 66 (n,n') Level Cross Section 94-Pu-240
 -68.95 To 9999. %



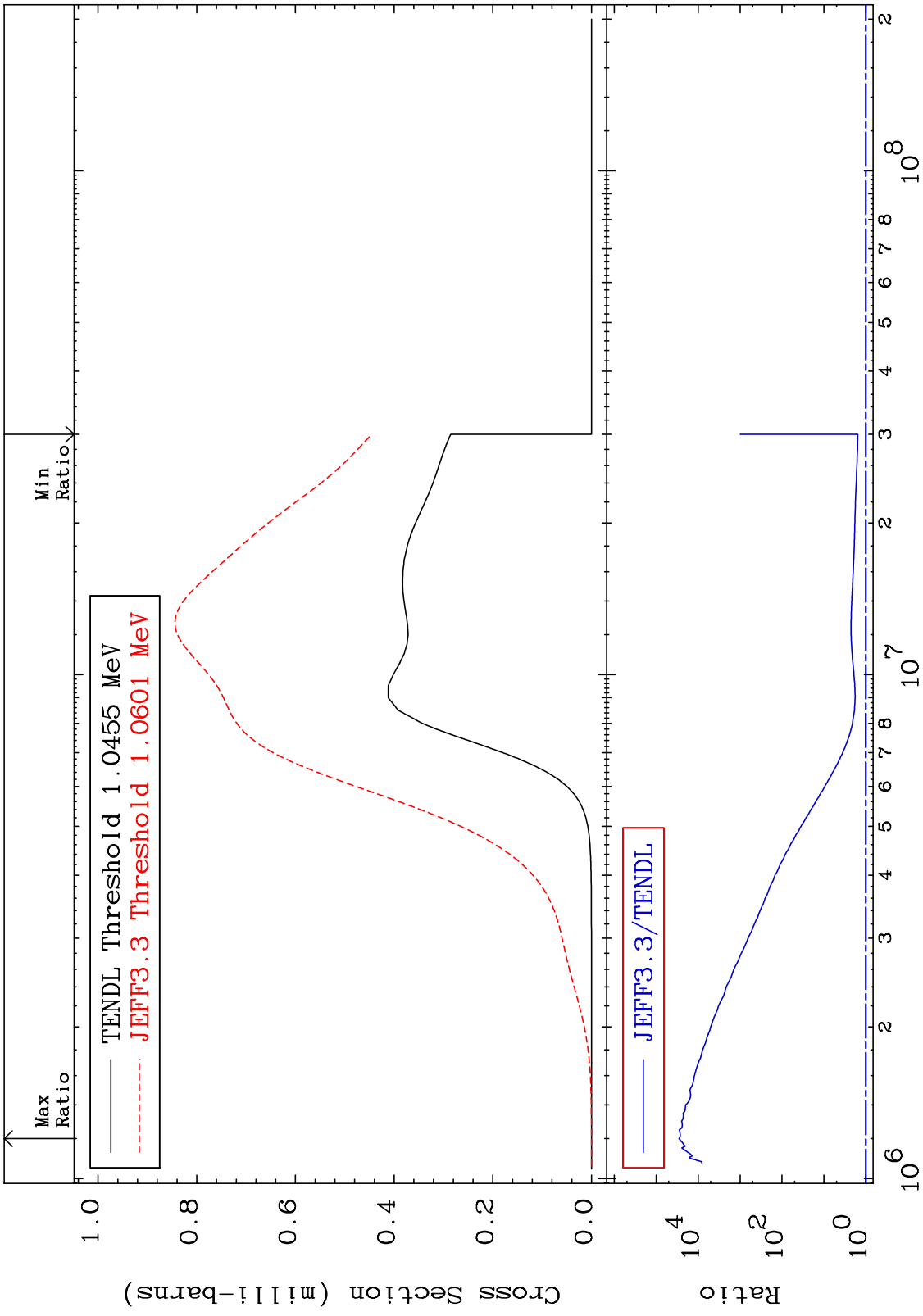
Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 67 (n,n') Level Cross Section -100.0 To 9999. % 94-Pu-240

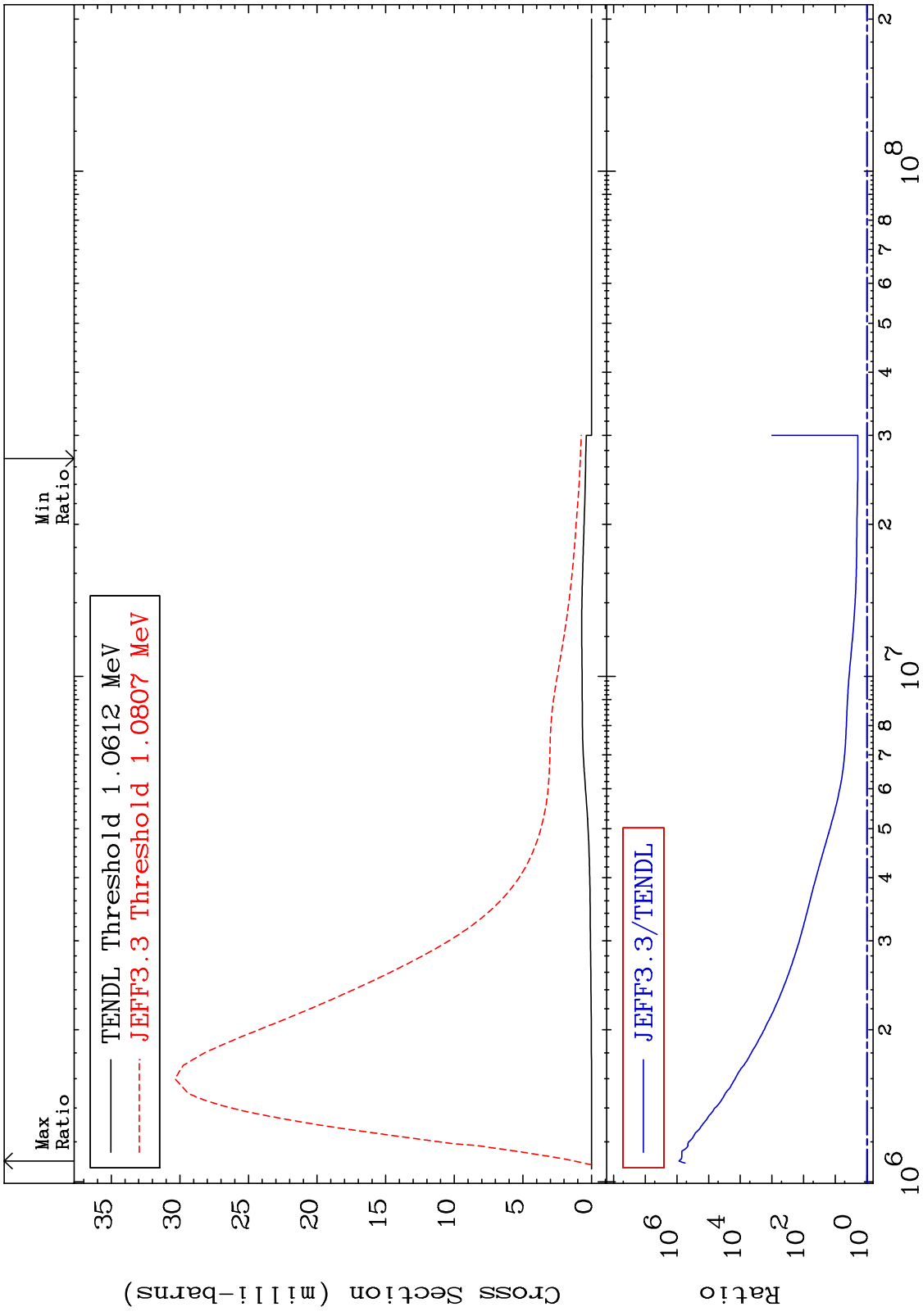


30 Incident Energy (eV) 94-Pu-240

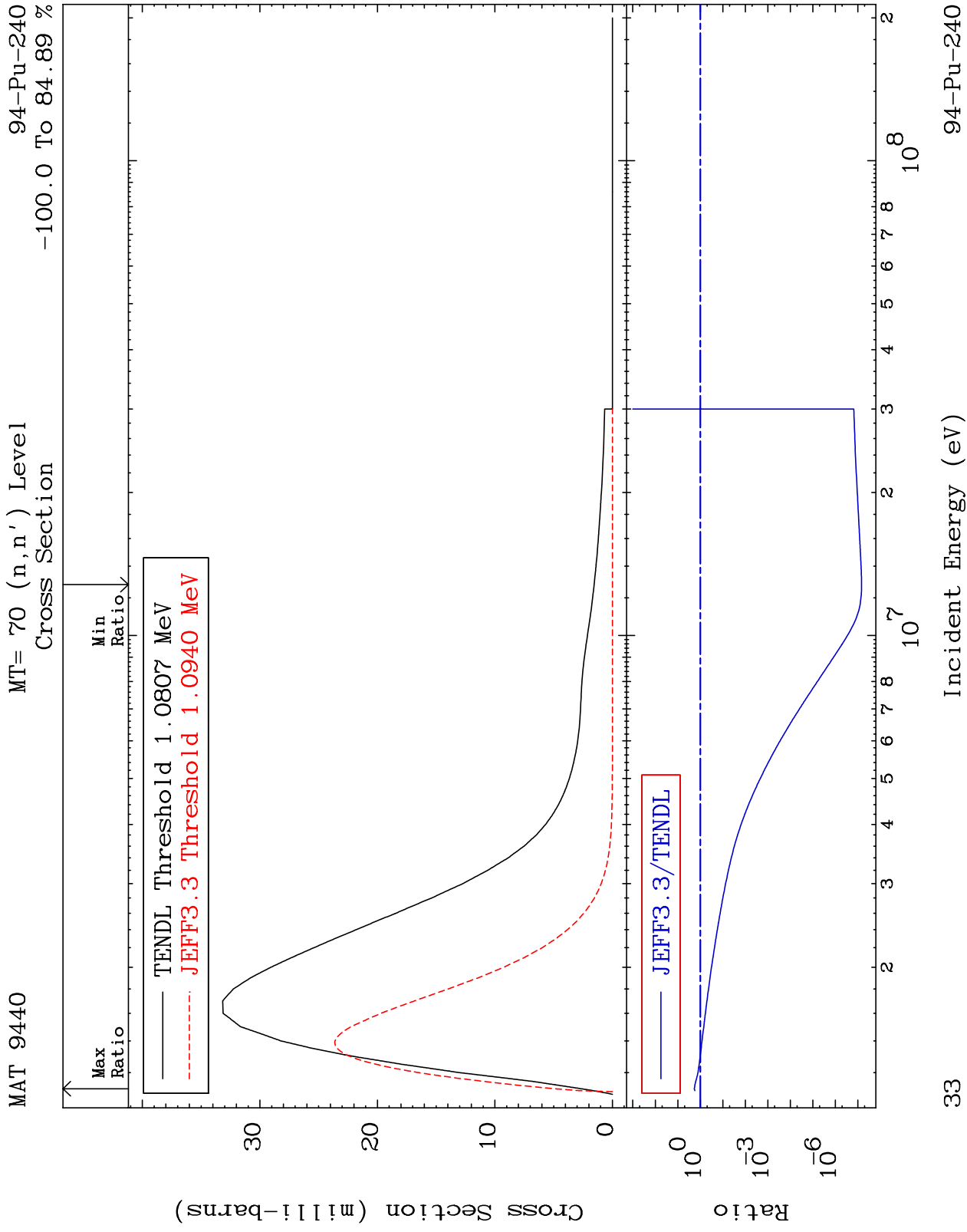
MAT 9440 MT= 68 (n,n') Level Cross Section 55.94 To 9999. % 94-Pu-240



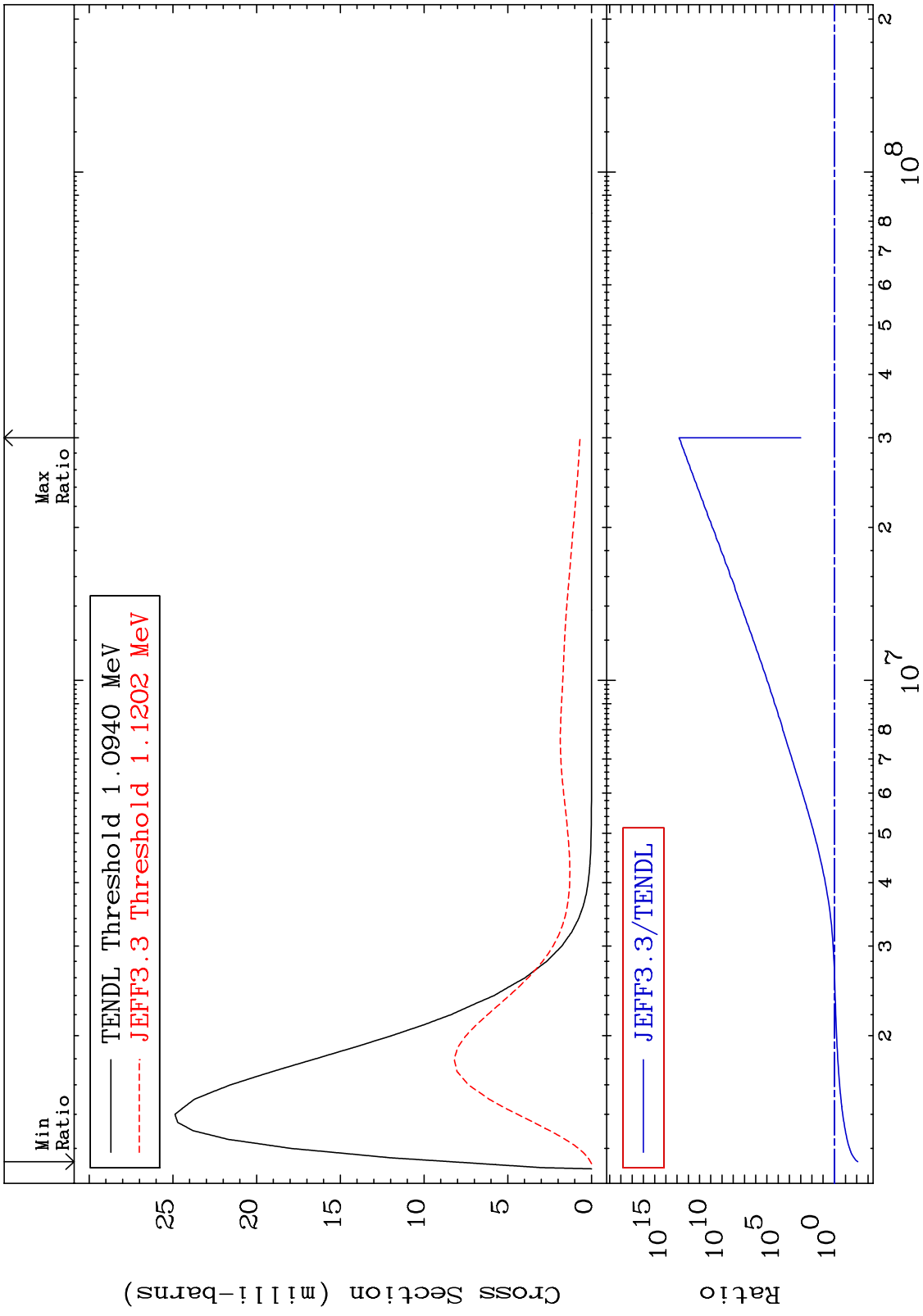
MAT 9440 MT= 69 (n,n') Level Cross Section 93.26 To 9999. % 94-Pu-240



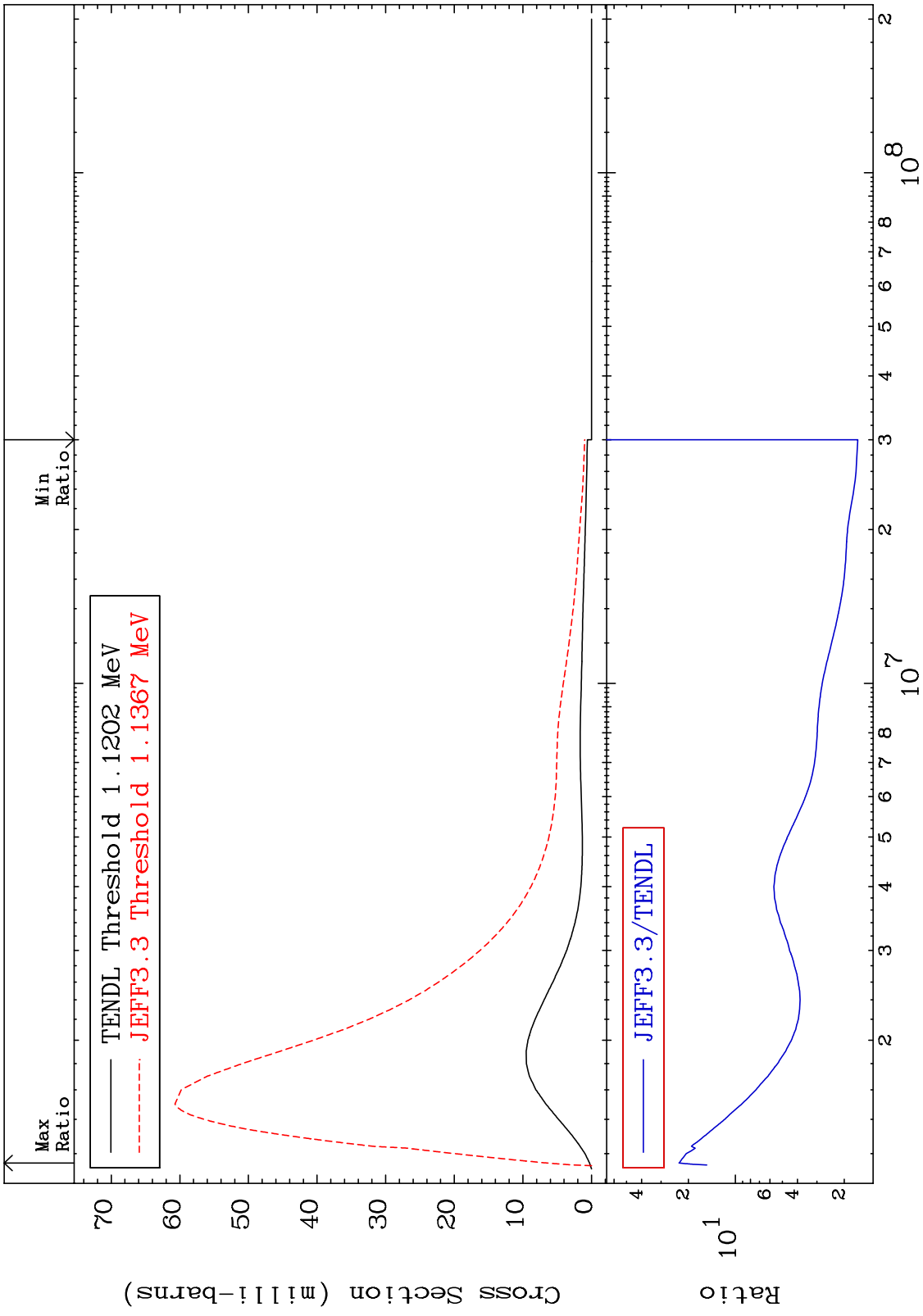
32 Incident Energy (eV) 94-Pu-240



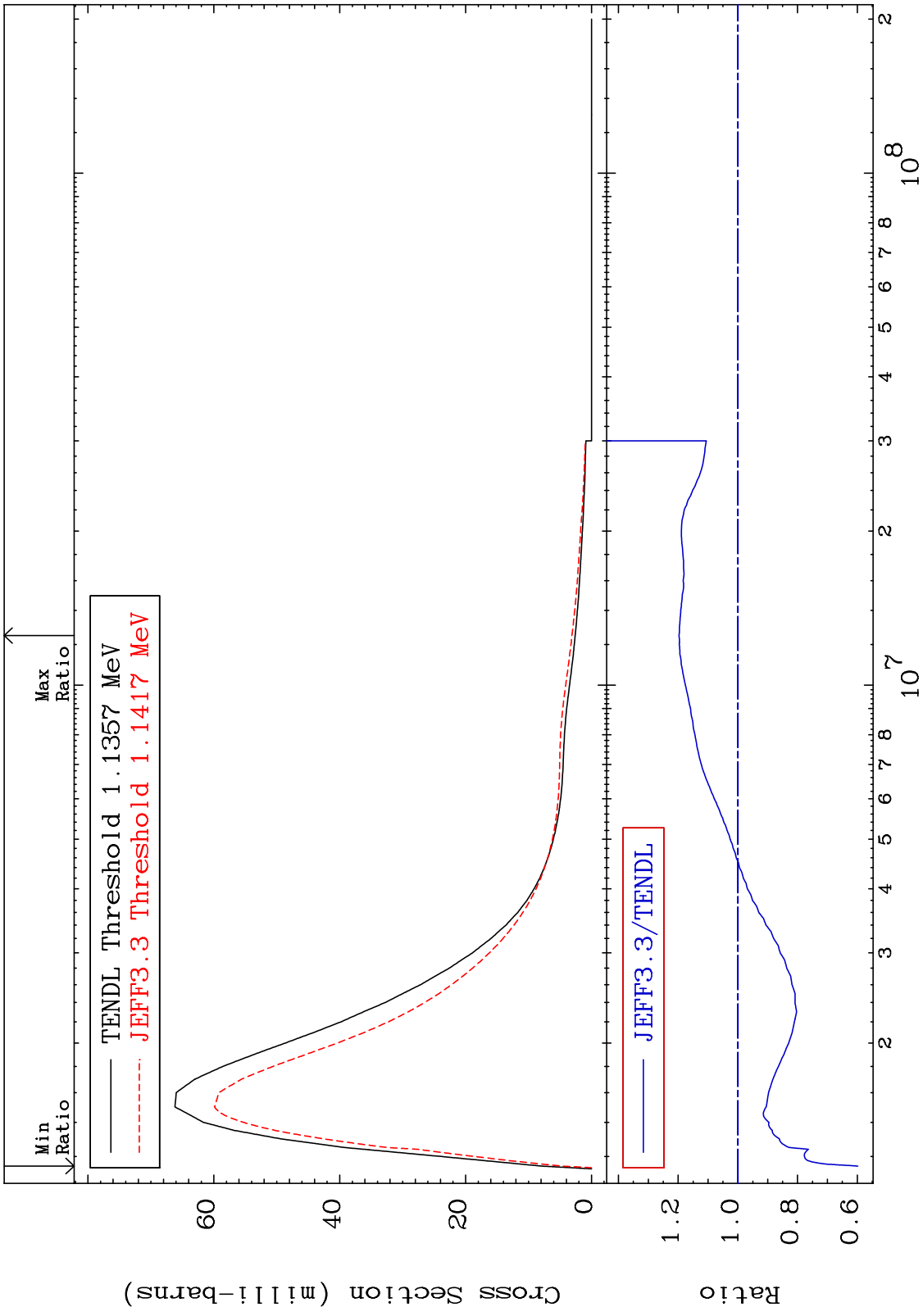
MAT 9440 MT= 71 (n,n') Level Cross Section 94-Pu-240
 -99.19 To 9999. %



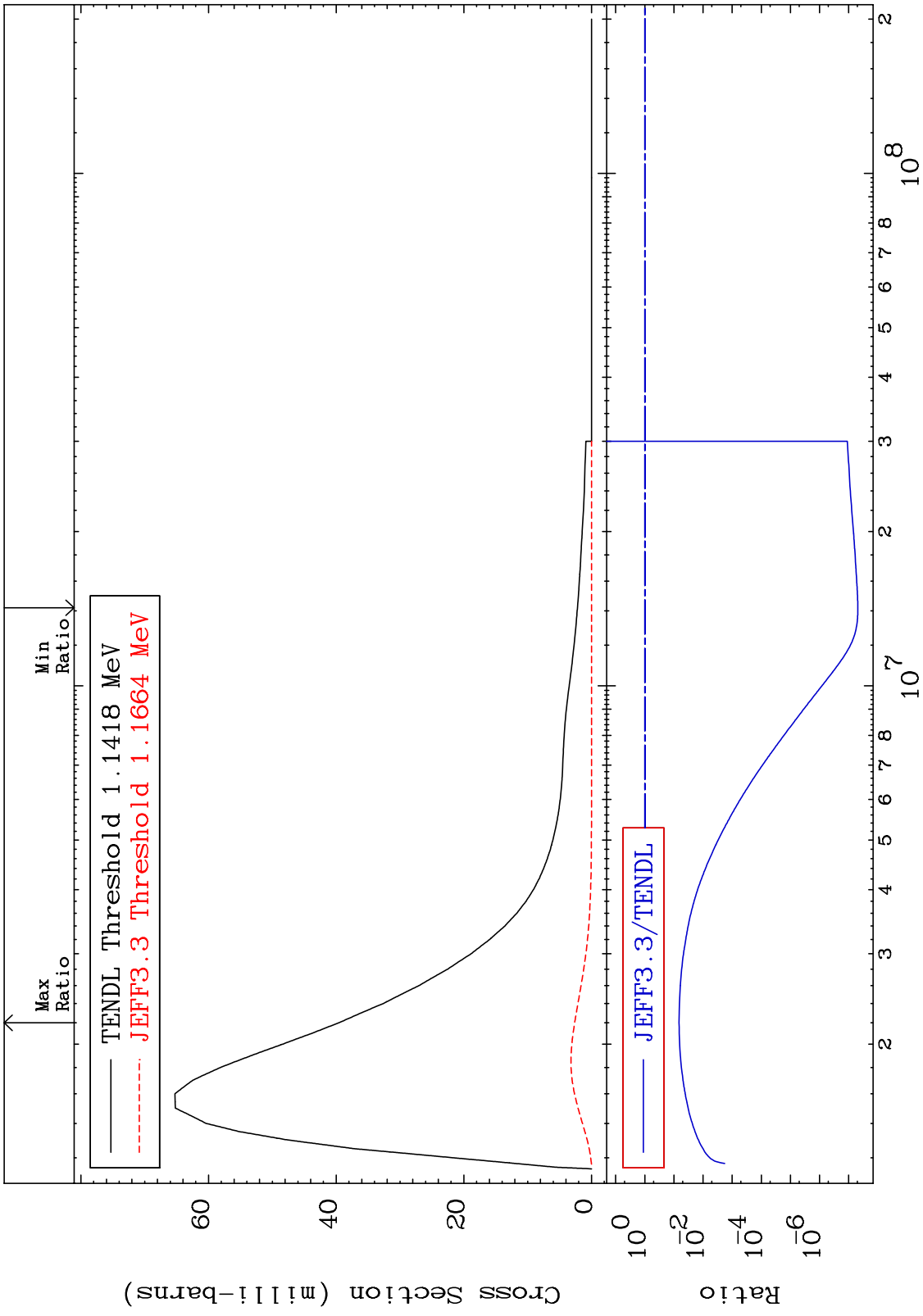
MAT 9440 MT= 72 (n,n') Level Cross Section 94-Pu-240 63.78 To 2199. %



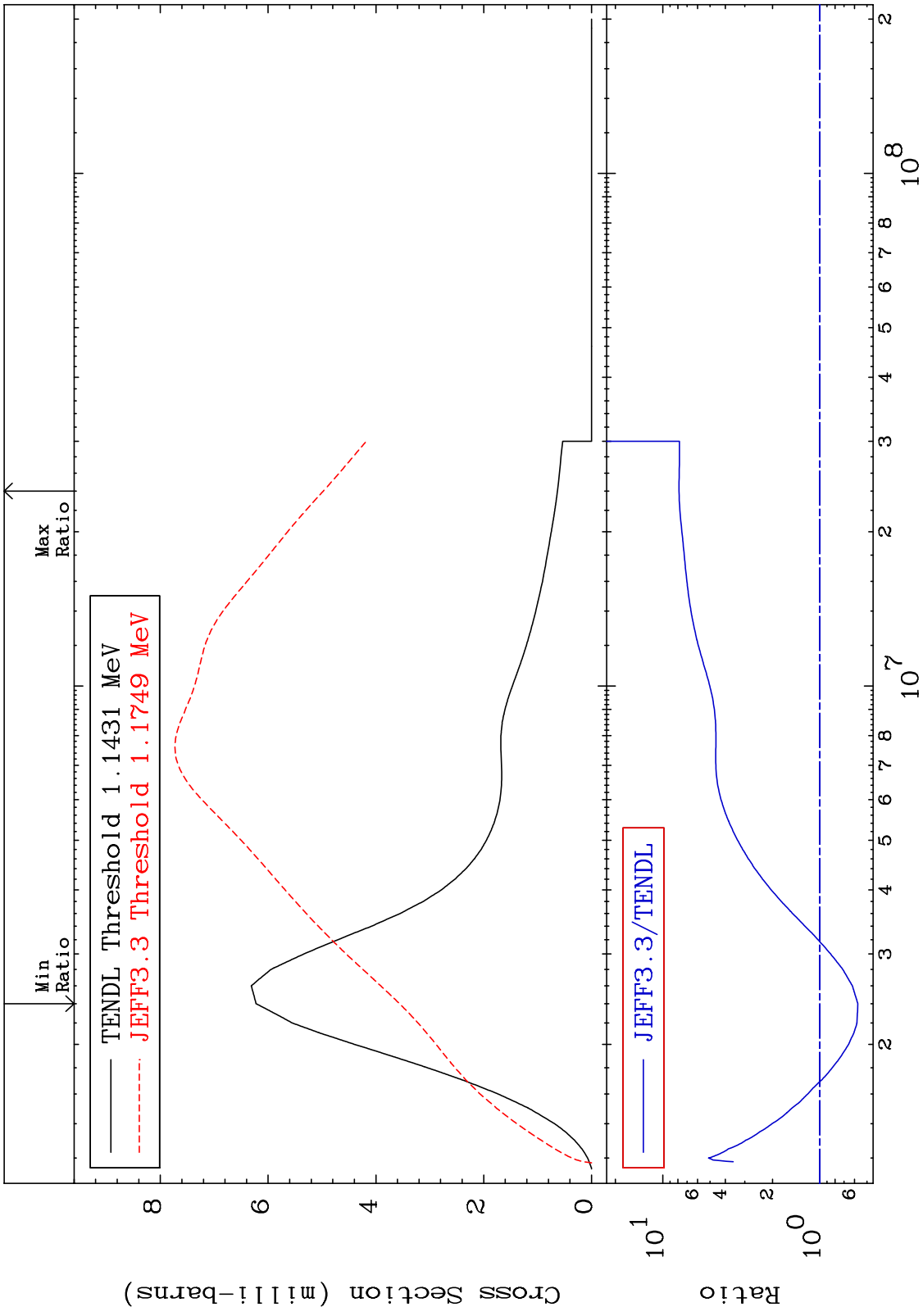
MAT 9440 MT= 73 (n,n') Level Cross Section -40.19 To 19.71 % 94-Pu-240



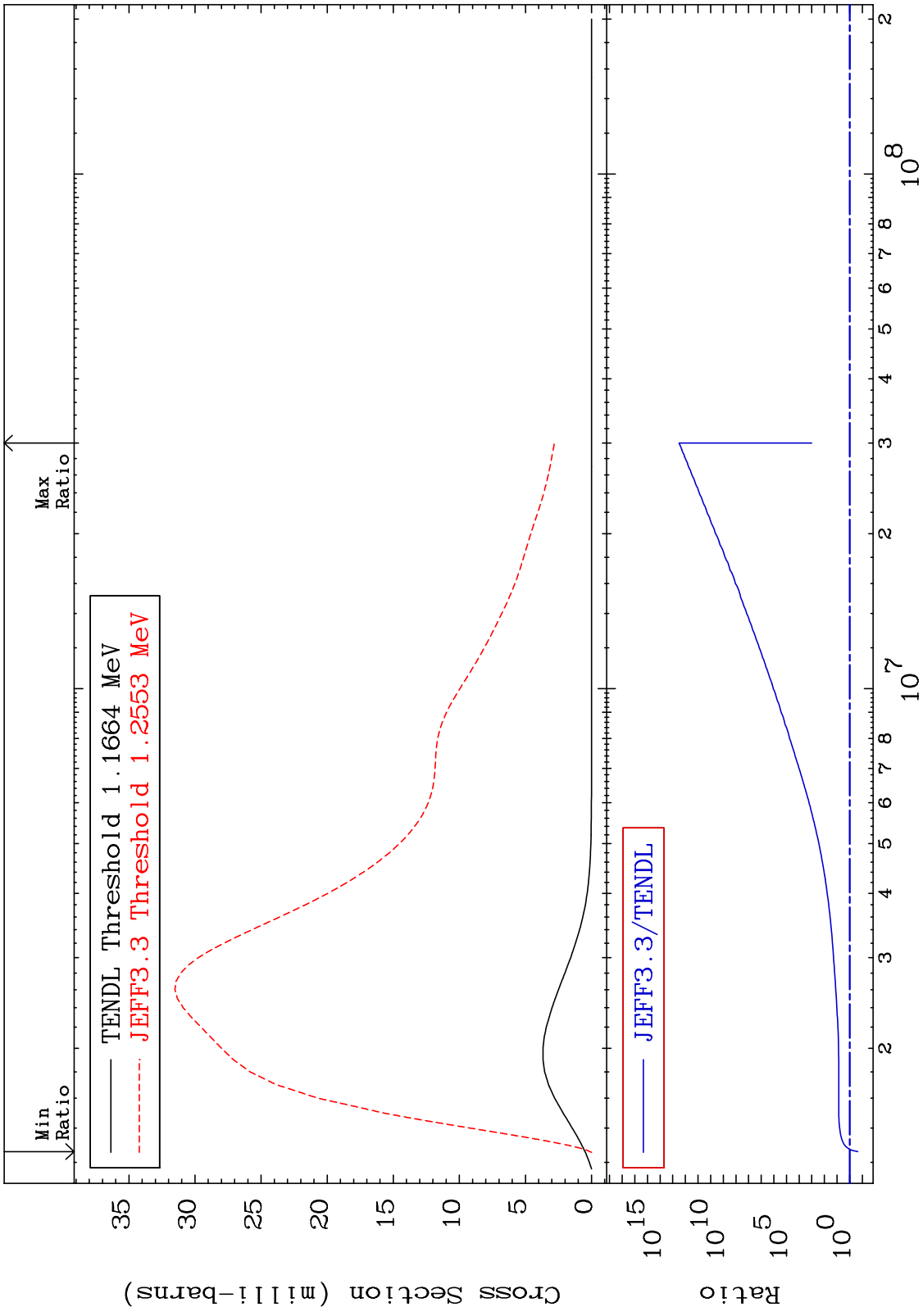
MAT 9440 MT= 74 (n,n') Level Cross Section -100.0 To -93.33% 94-Pu-240



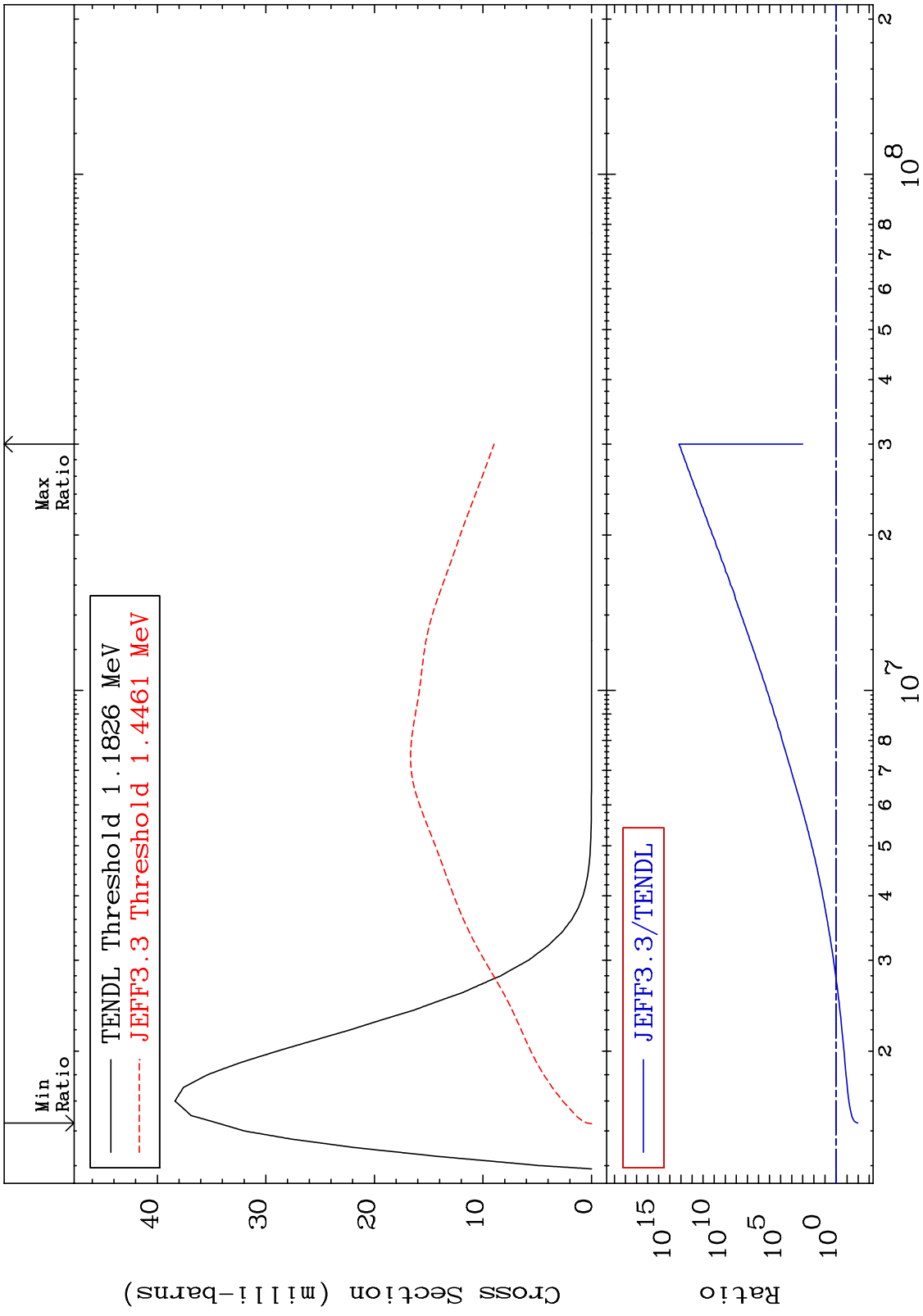
MAT 9440 MT= 75 (n,n') Level Cross Section 94-Pu-240
 -42.77 To 687.2 %



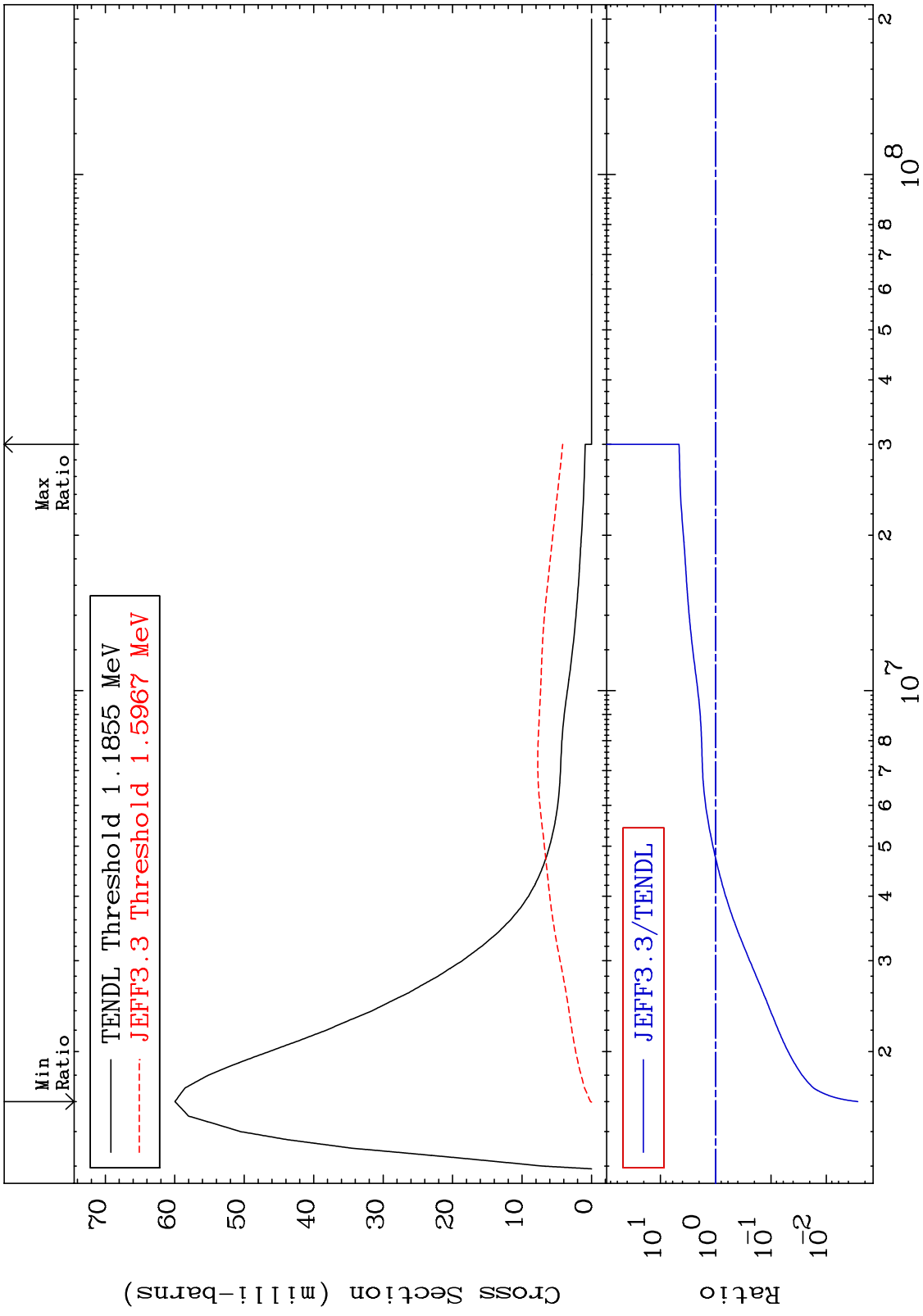
MAT 9440 MT= 76 (n,n') Level Cross Section -77.31 To 9999. % 94-Pu-240



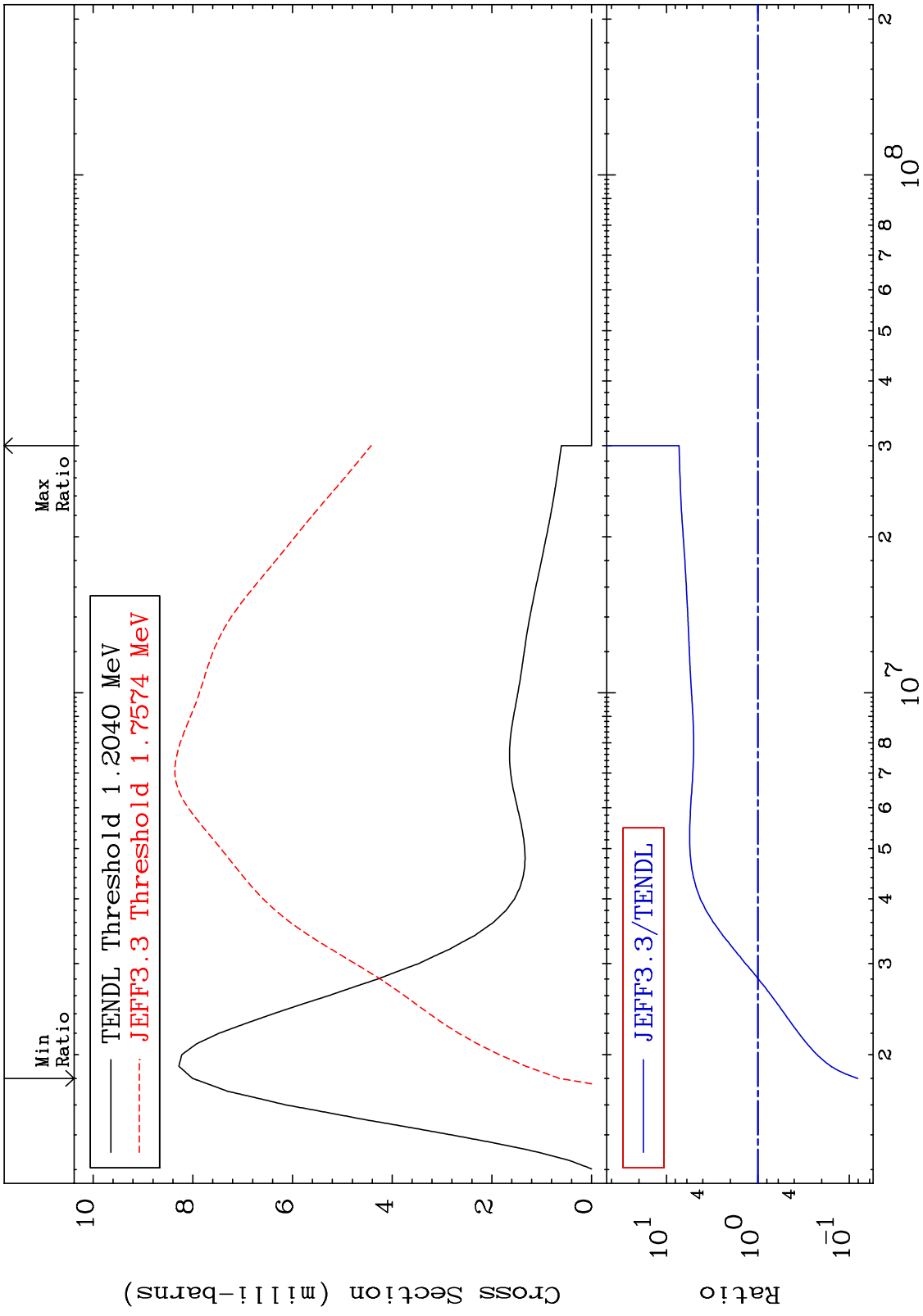
MAT 9440 MT= 77 (n,n') Level Cross Section 94-Pu-240
 -98.93 To 9999. %

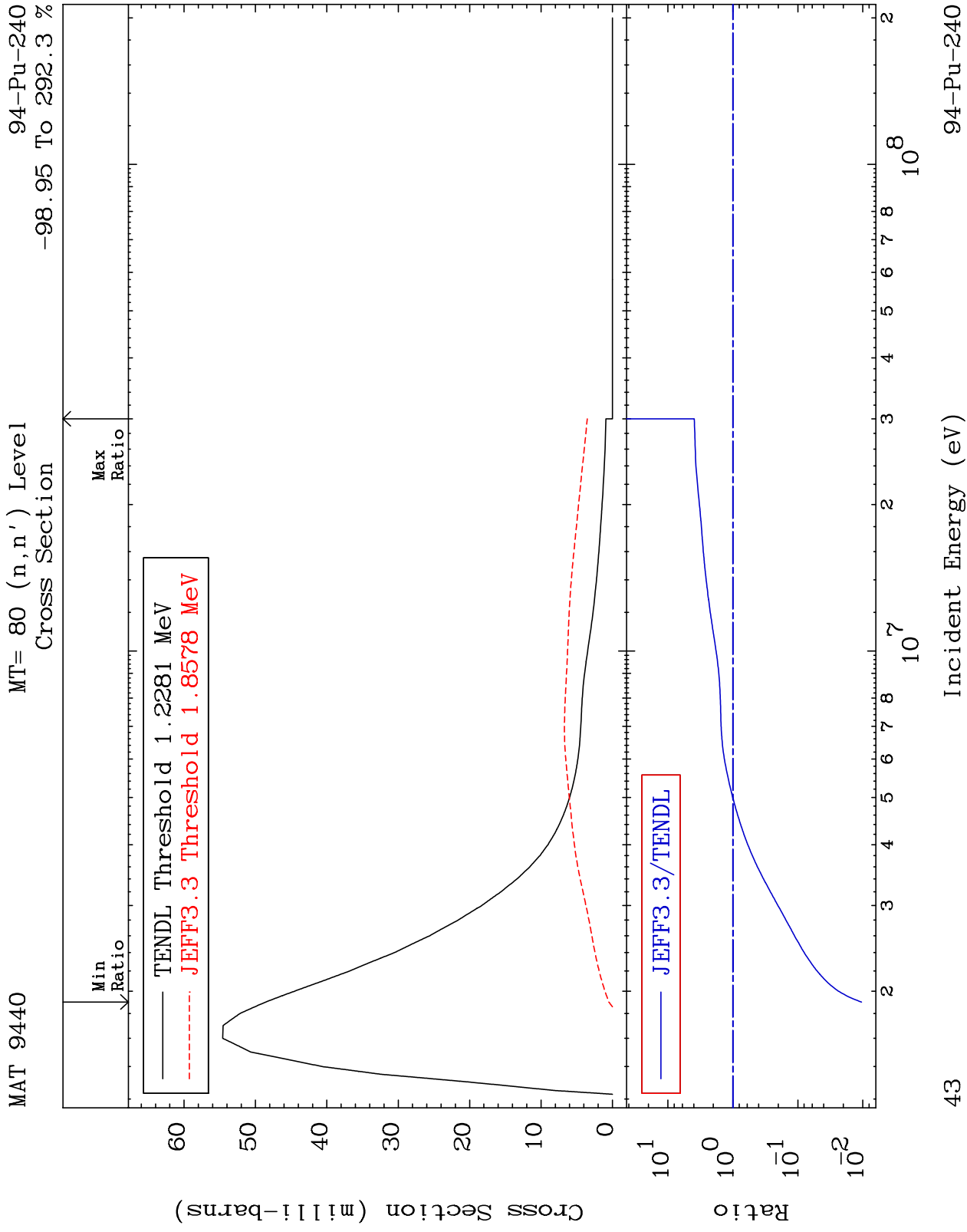


MAT 9440 MT= 78 (n,n') Level Cross Section 94-Pu-240
 -99.73 To 360.9 %

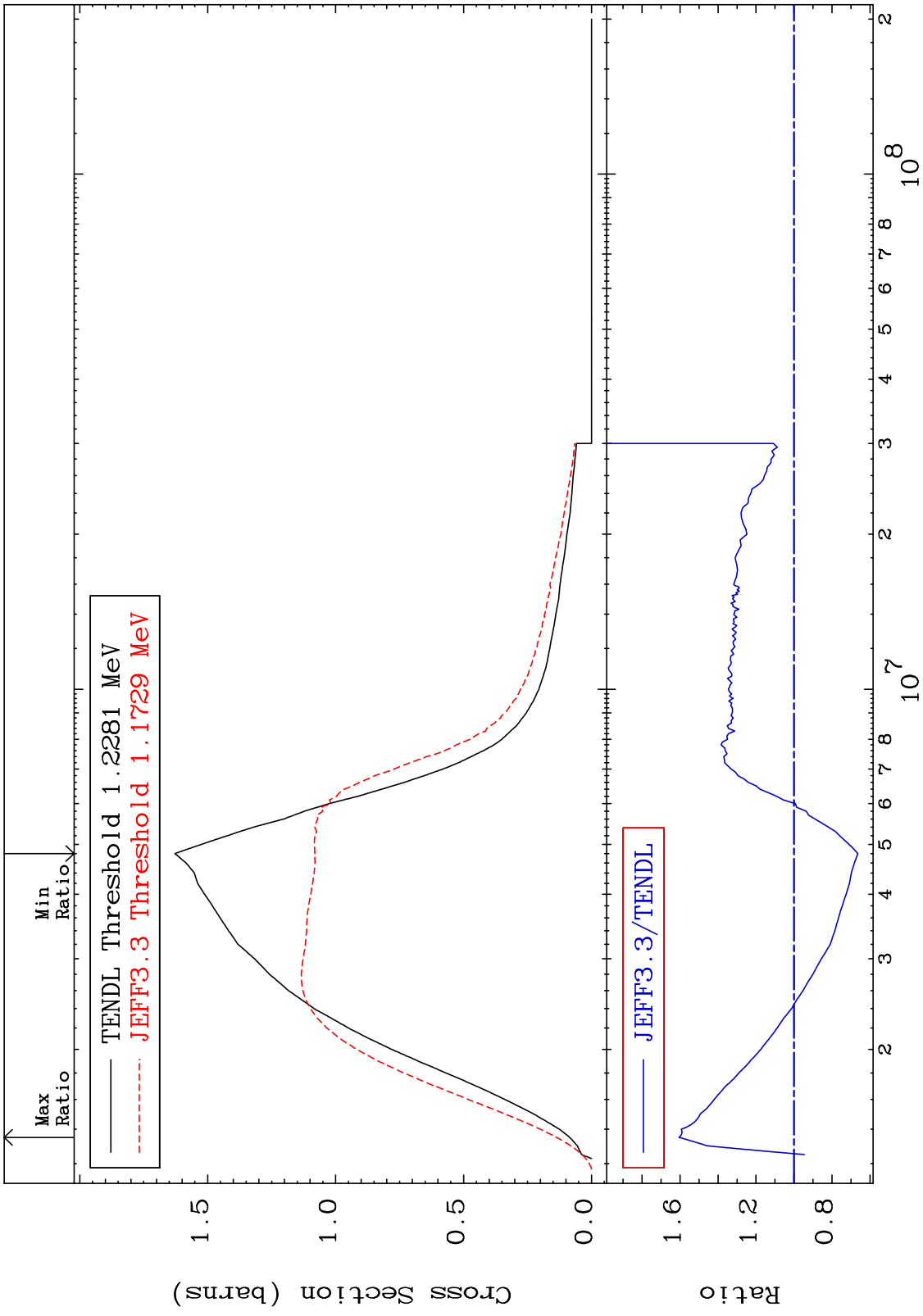


MAT 9440 MT= 79 (n,n') Level Cross Section 94-Pu-240
 -91.93 To 629.0 %

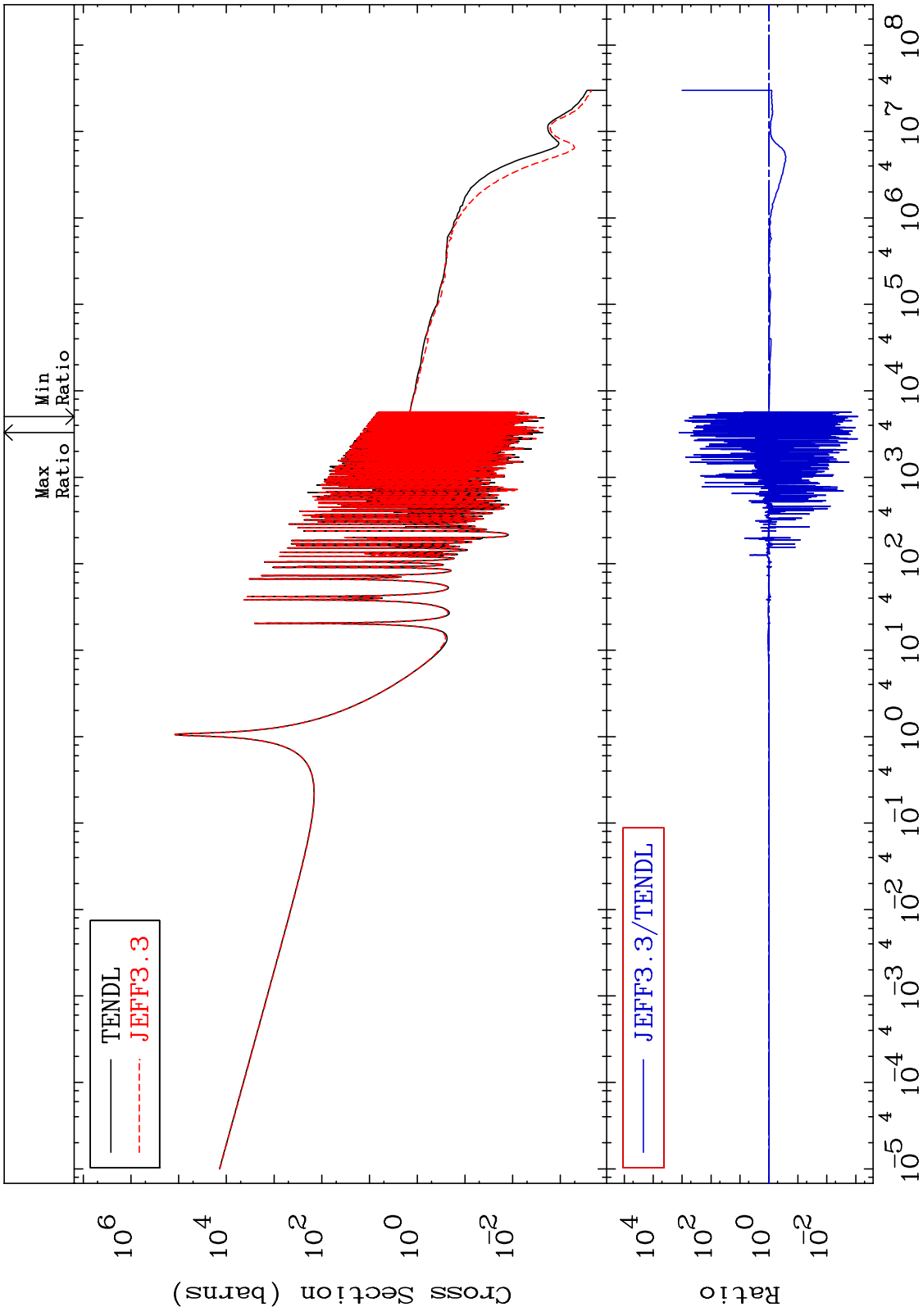




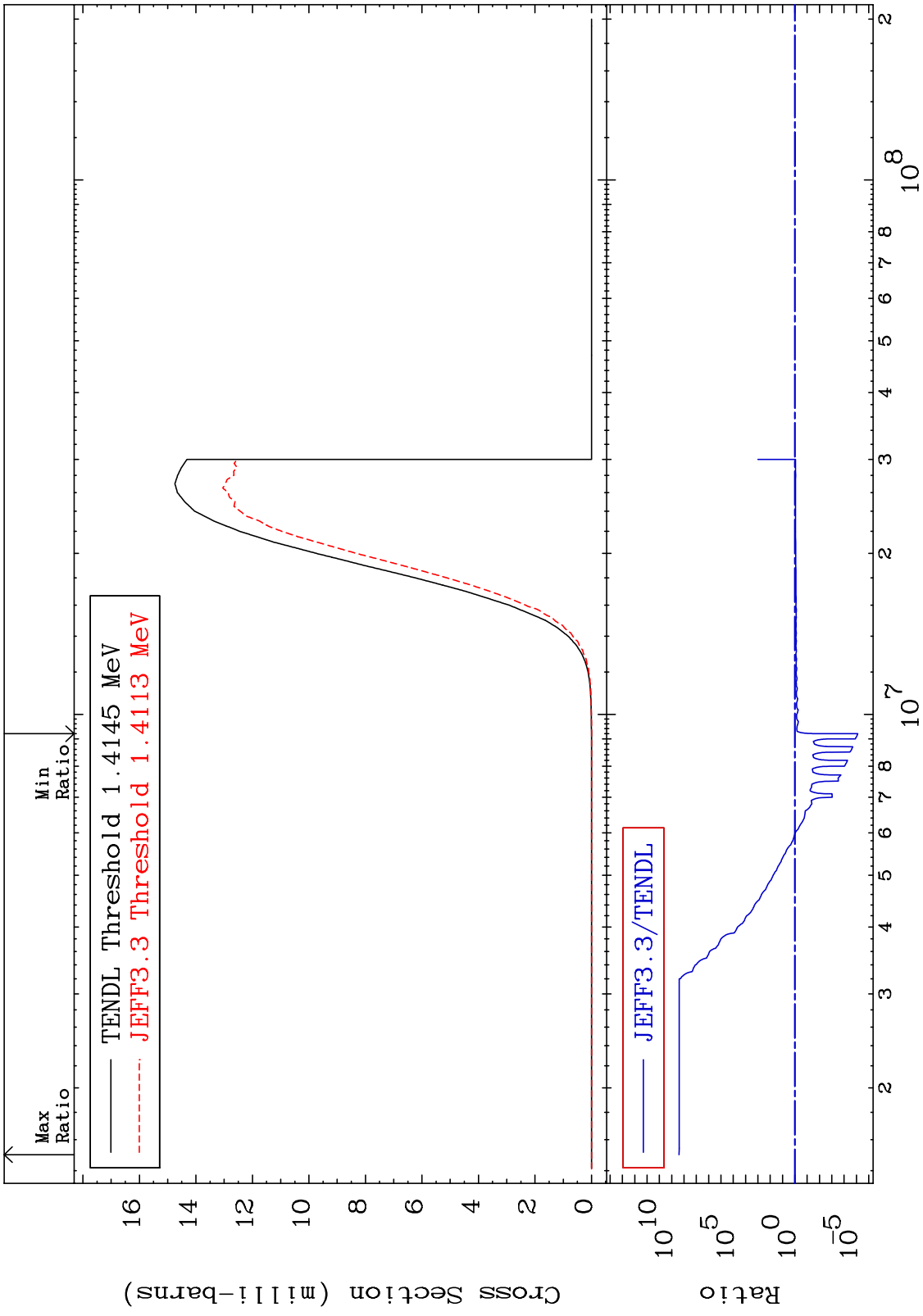
MAT 9440 (n,n') Continuum Cross Section 94-Pu-240 -33.60 To 60.53 %

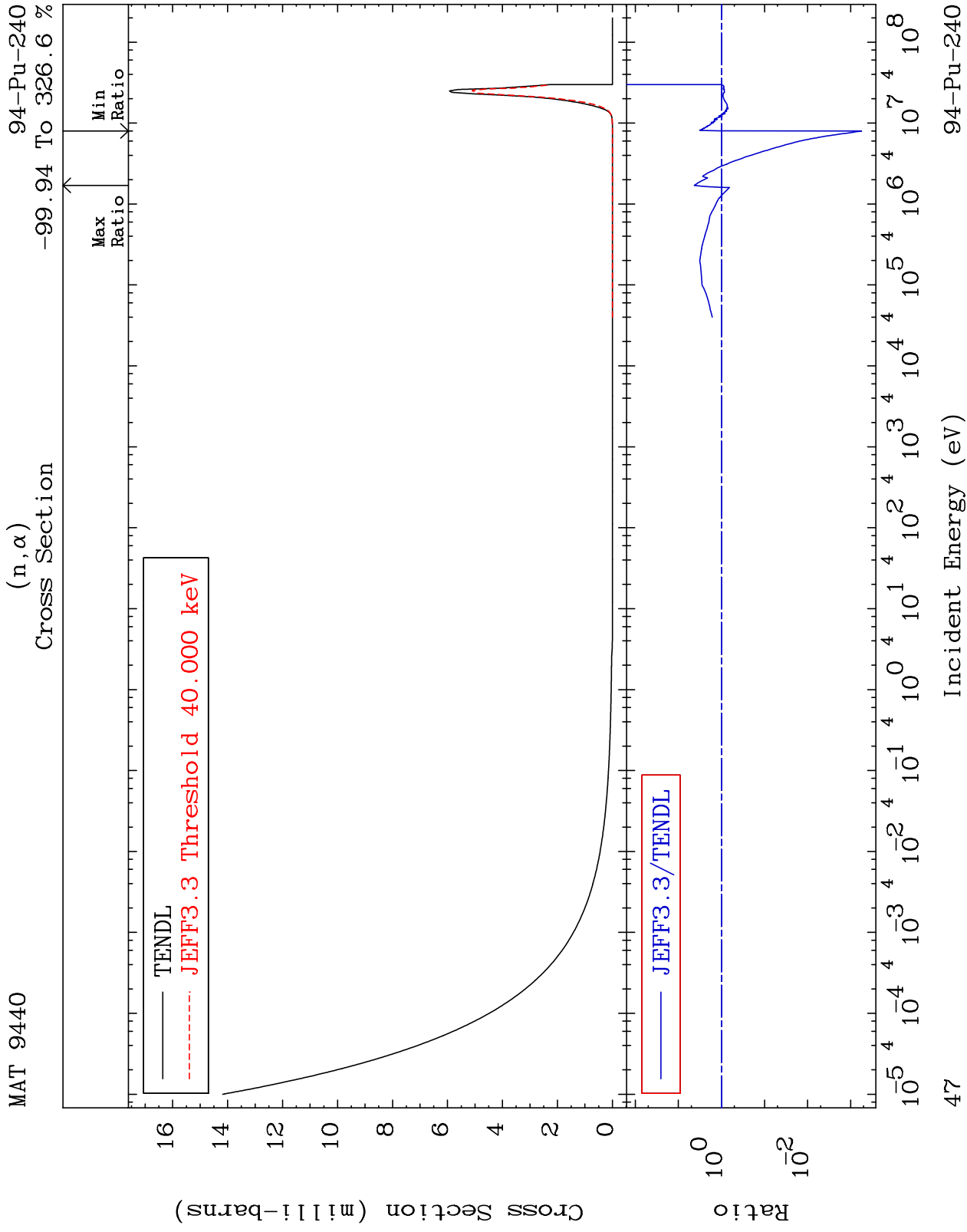


MAT 9440 94-Pu-240
-99.92 To 9999. %
 (n, γ)
 Cross Section

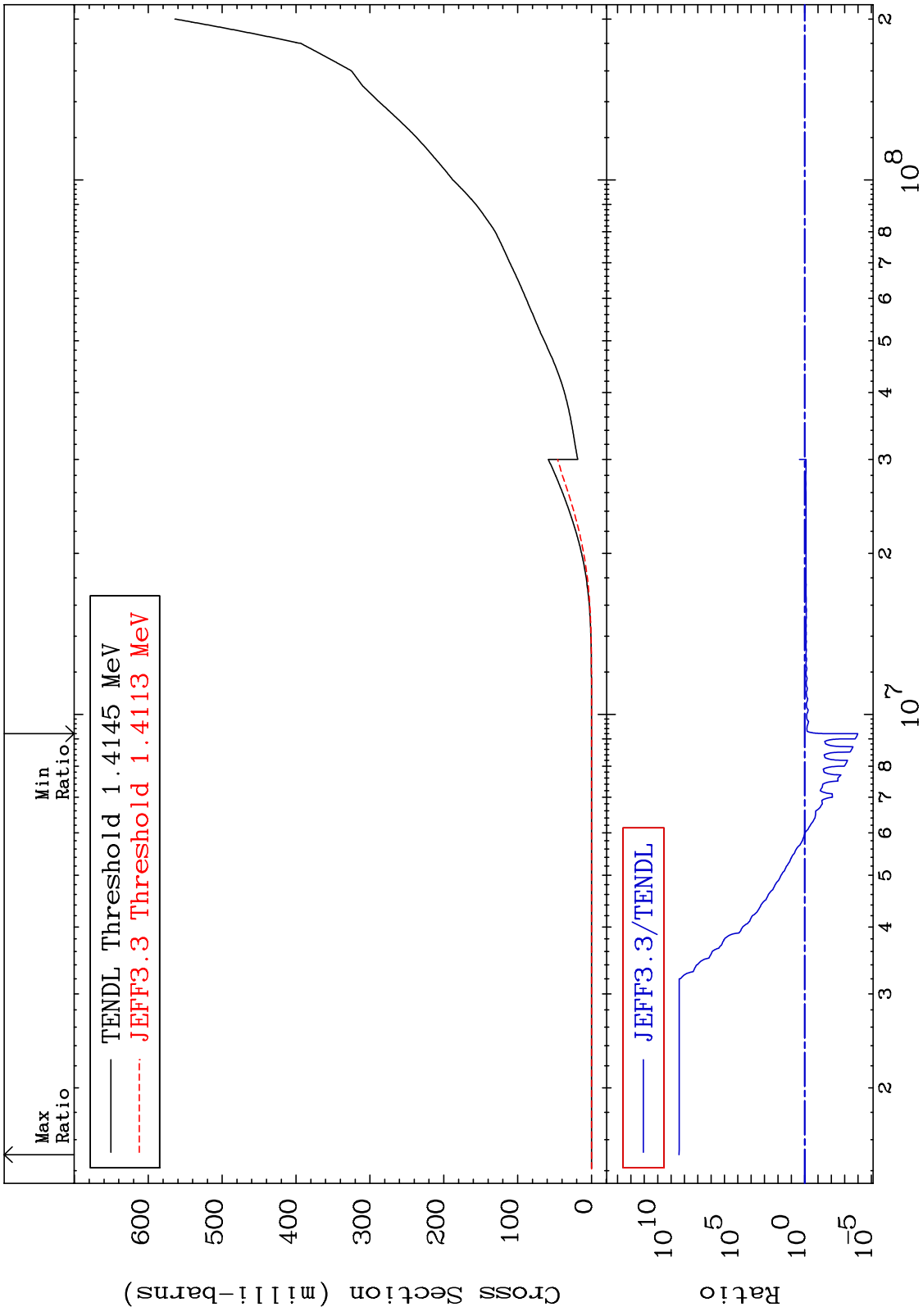


MAT 9440 (n,p) 94-Pu-240
 Cross Section -100.0 To 9999. %





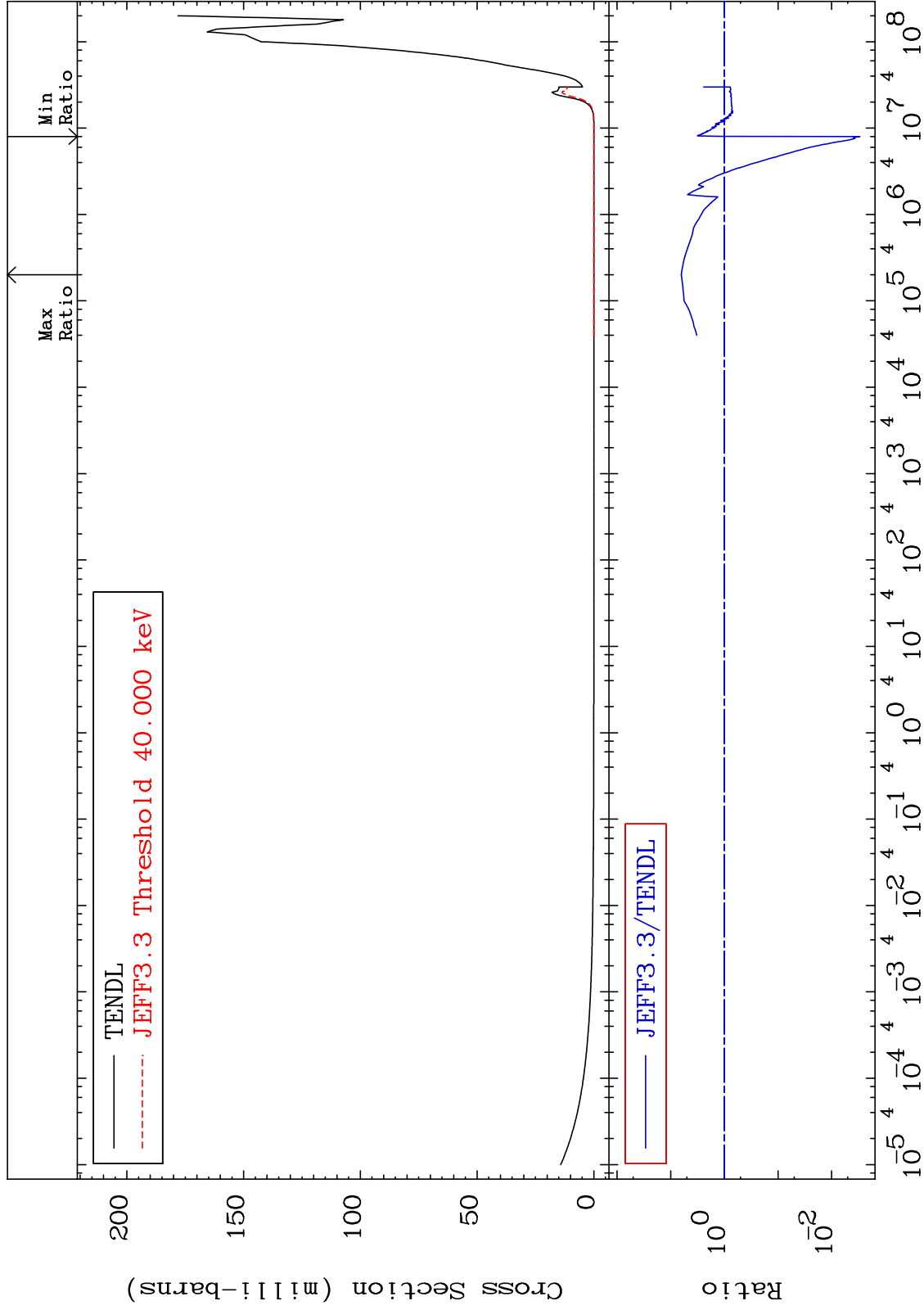
MAT 9440 Hydrogen Production Cross Section 94-Pu-240 -99.99 To 9999. %



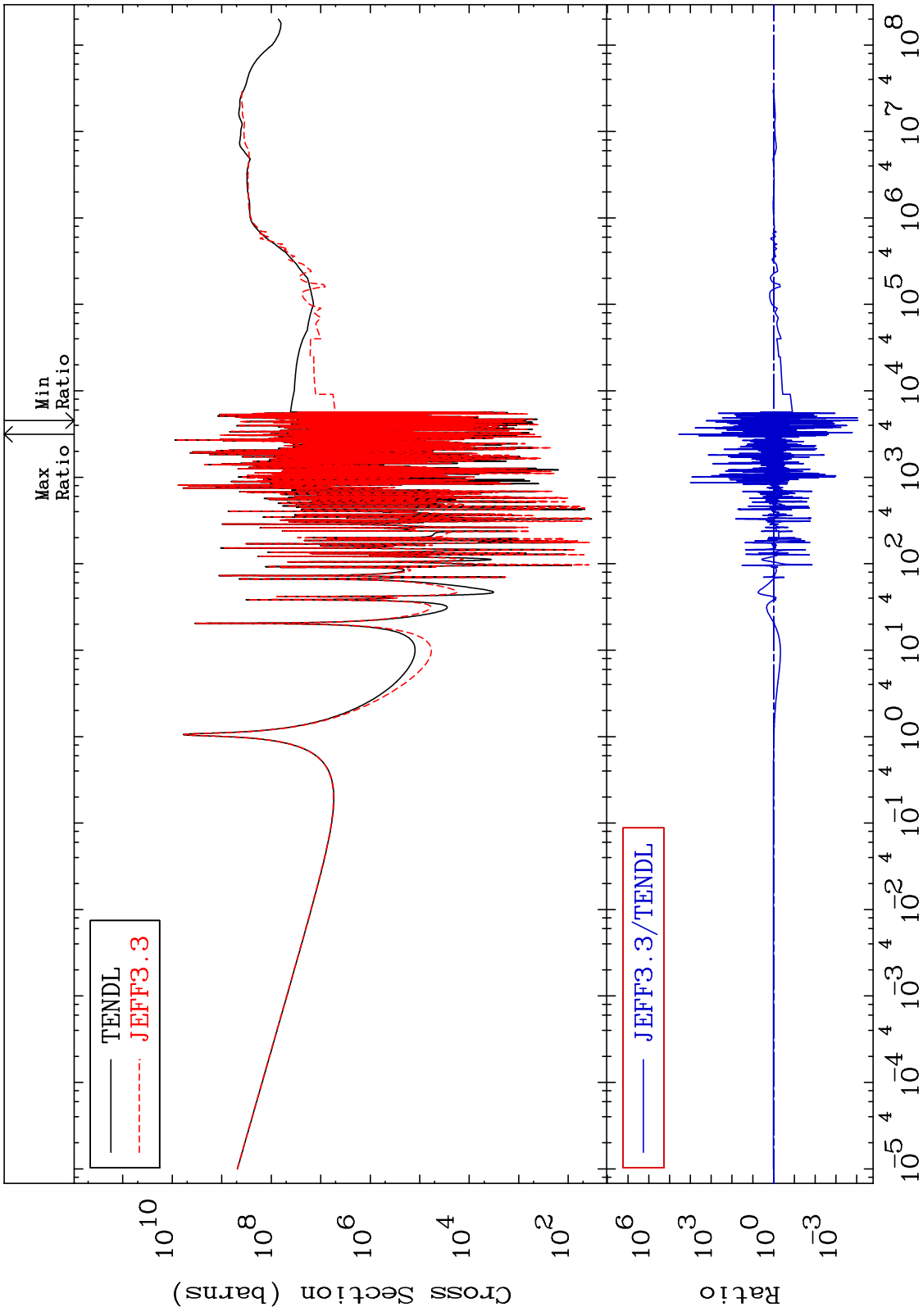
MAT 9440

He-4 Production
Cross Section

94-Pu-240
-99.70 To 535.4 %



MAT 9440 Kerma total (eV-barns) 94-Pu-240
 Cross Section -99.99 To 9999. %

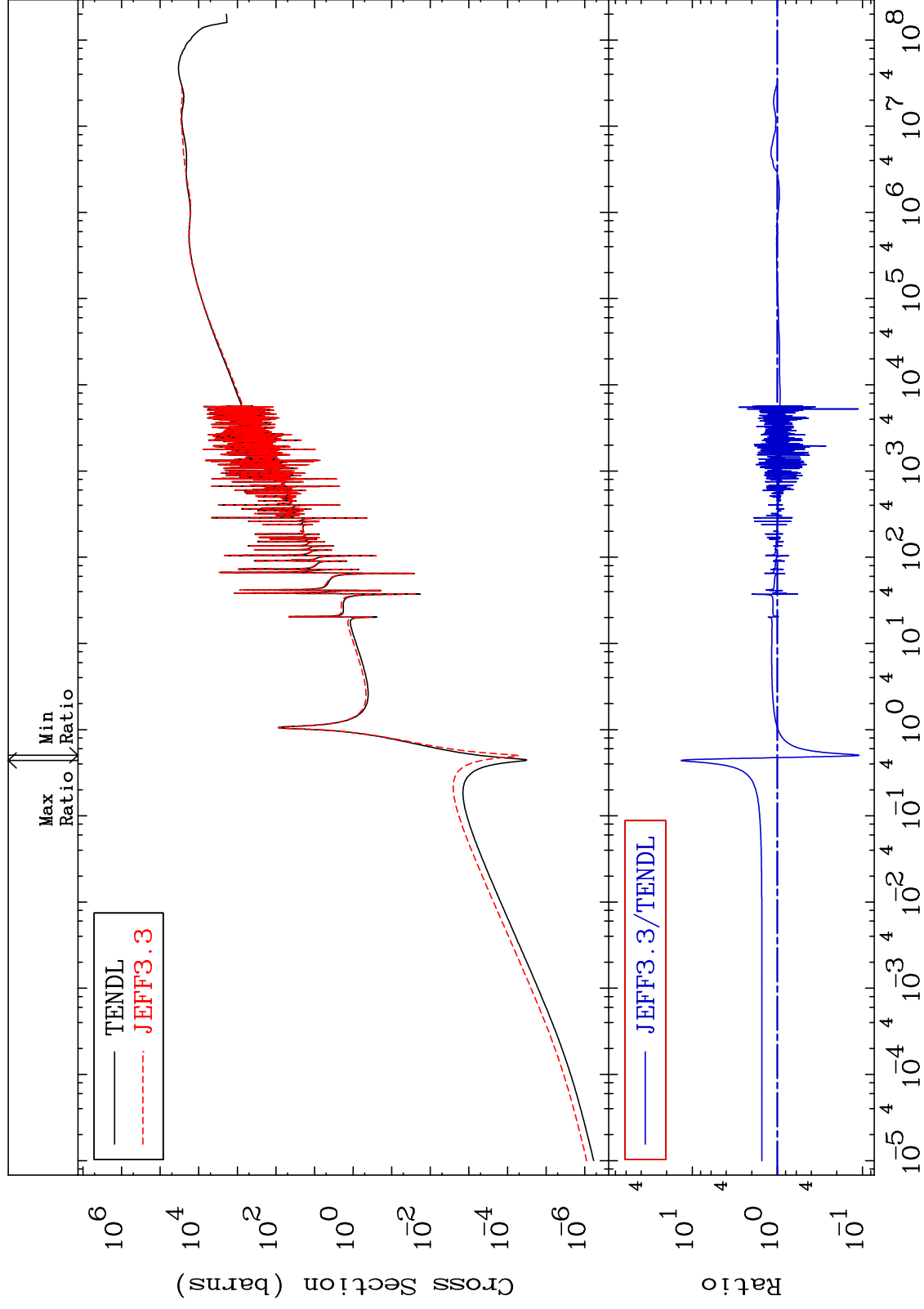


50 Incident Energy (eV) 94-Pu-240

MAT 9440

Kerma elastic
Cross Section

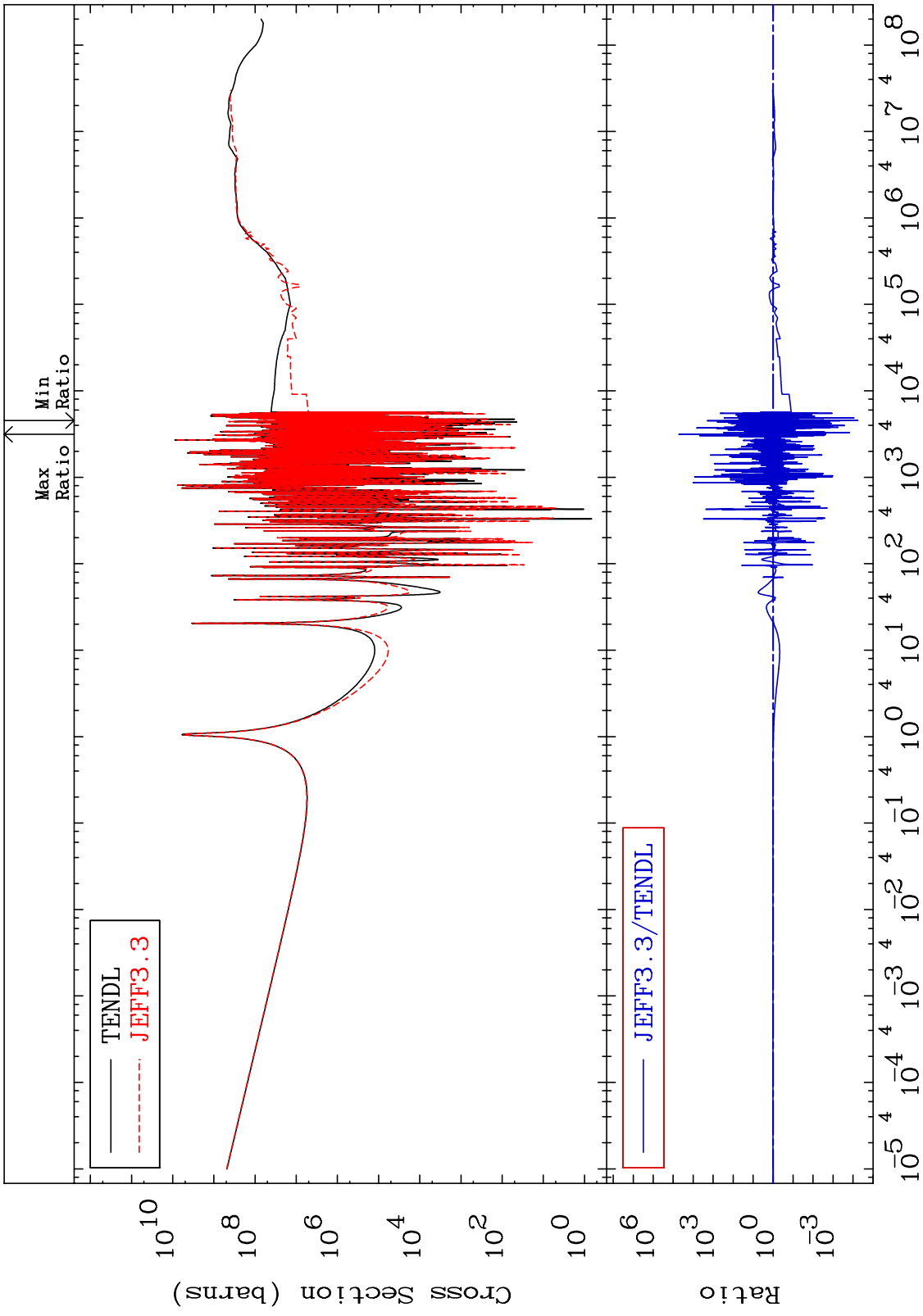
94-Pu-240
-89.03 To 1262. %



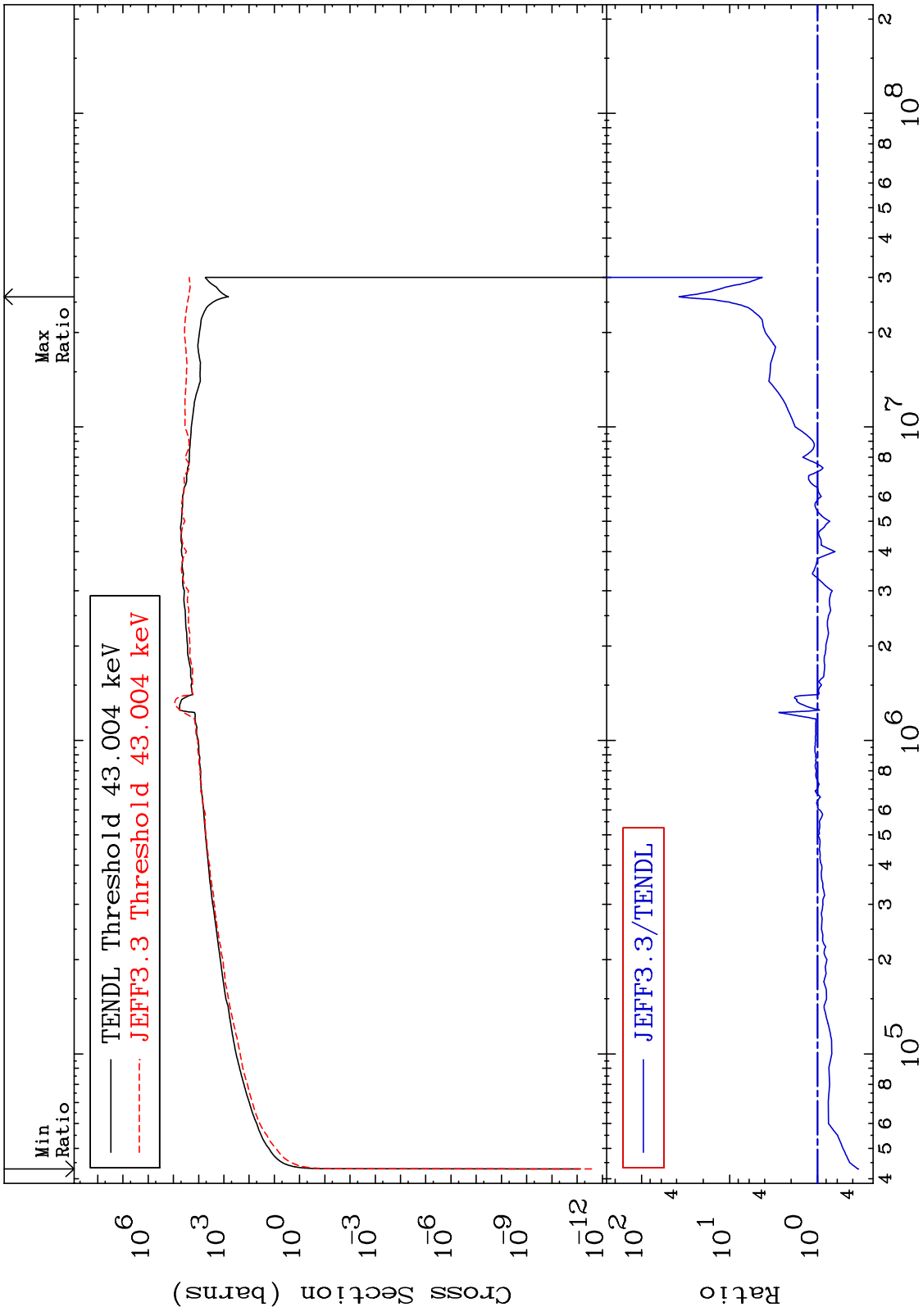
Incident Energy (eV)

94-Pu-240

MAT 9440 Kerma non-elastic (all but mt2) 94-Pu-240
 Cross Section -99.99 To 9999. %



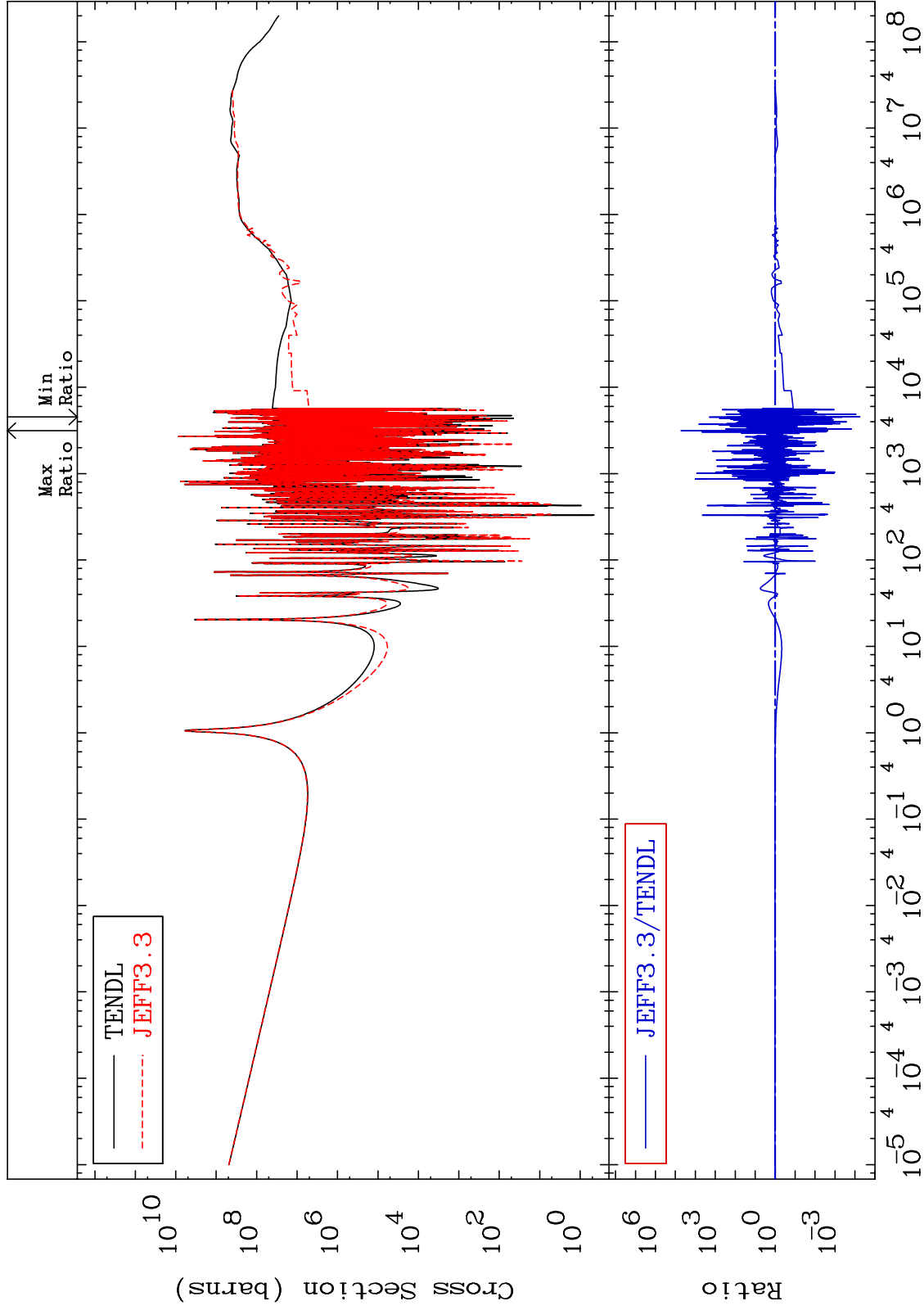
MAT 9440 Kerma inelastic (mt51-91) 94-Pu-240
 Cross Section -65.06 To 3659. %



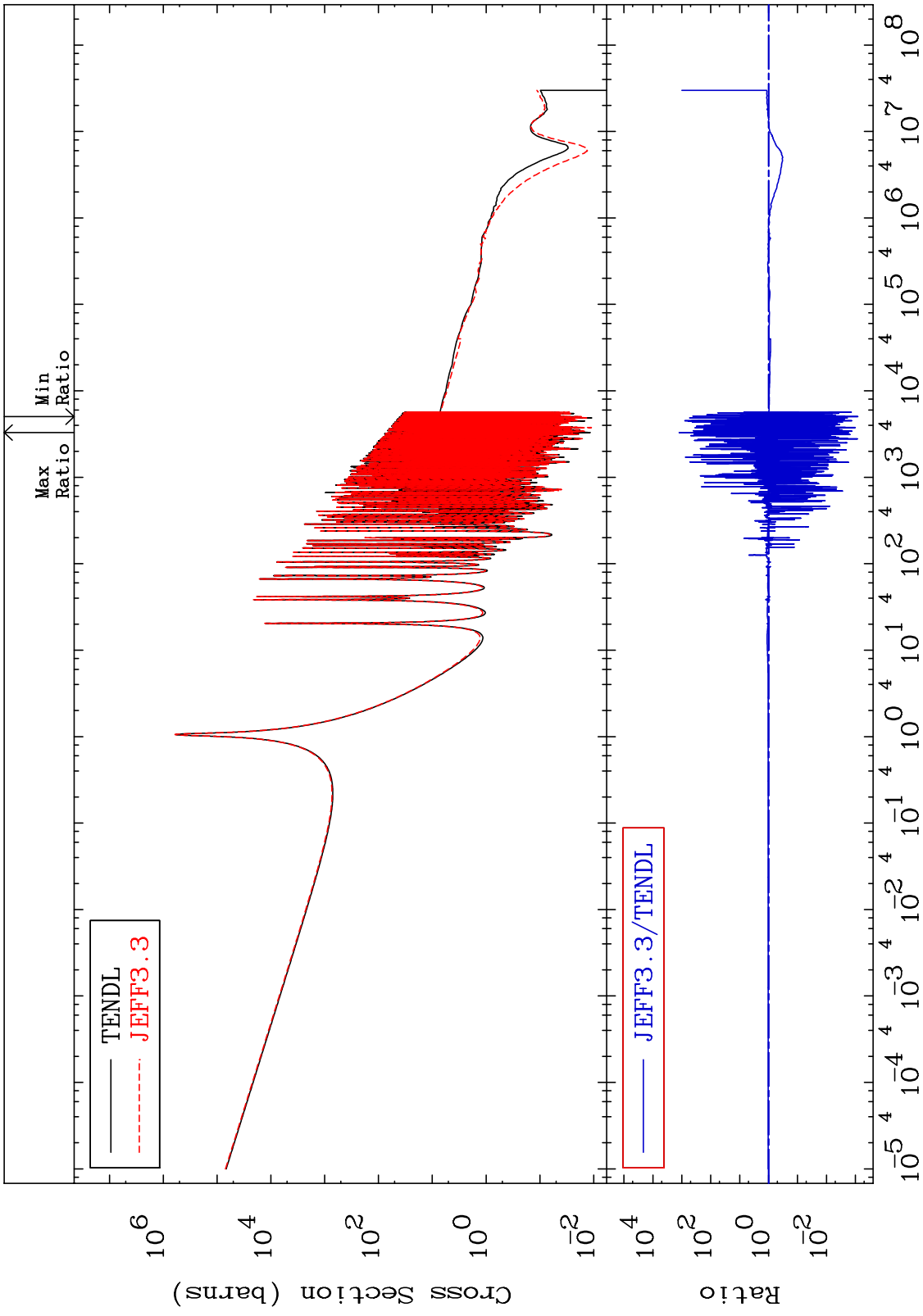
MAT 9440

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

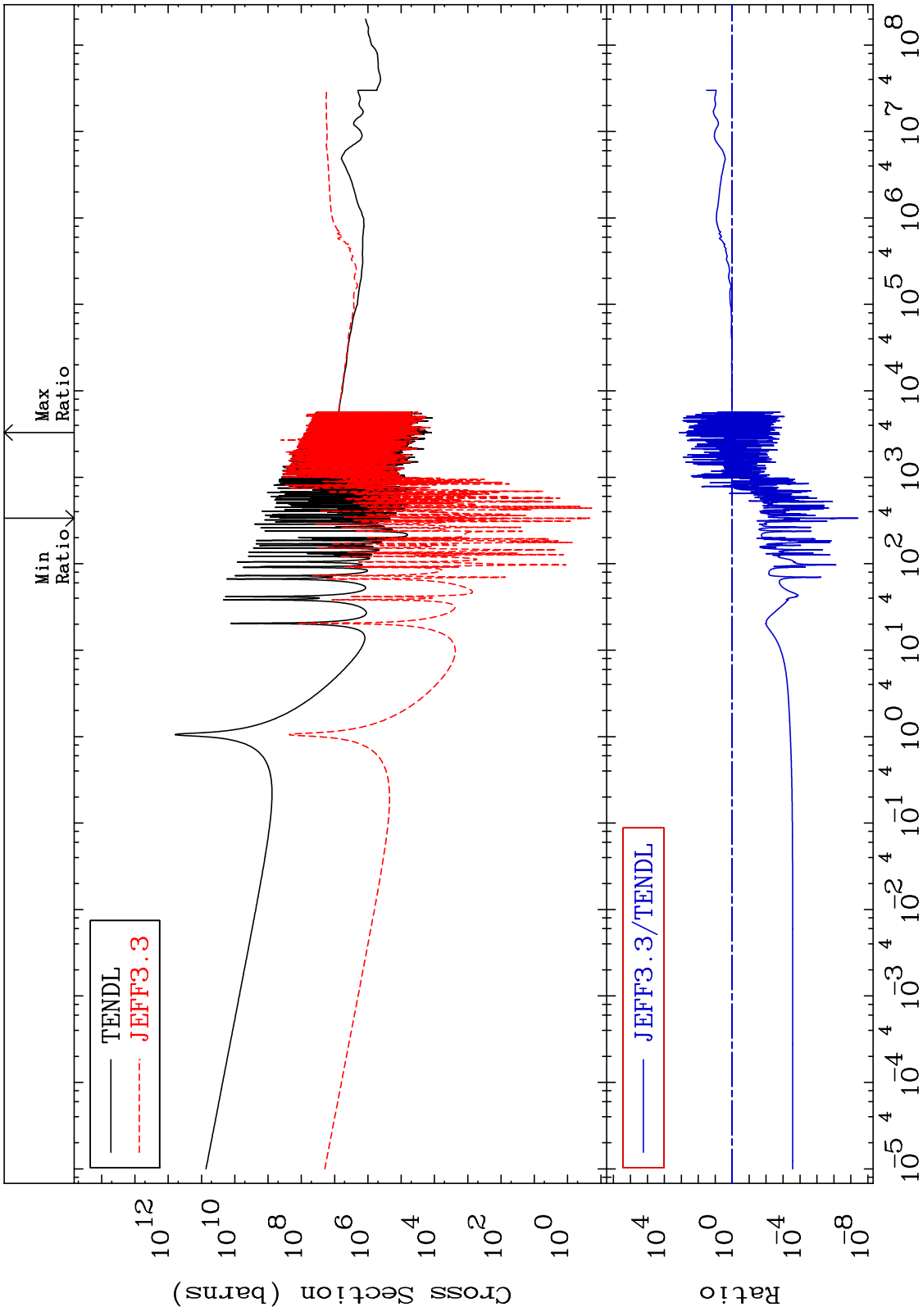
94-Pu-240
-99.99 To 9999. %



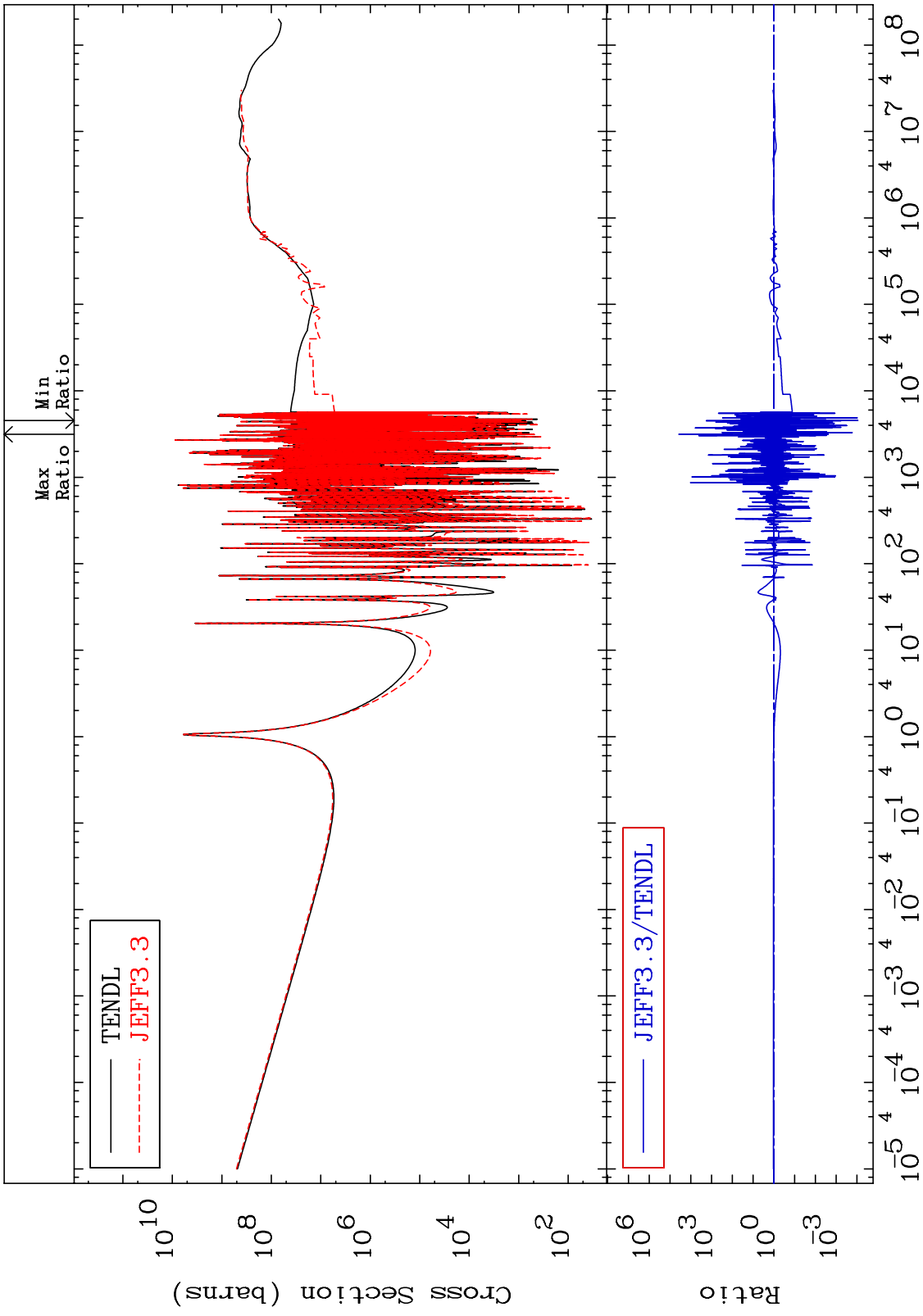
MAT 9440 Kerma capture (mt102) 94-Pu-240
 Cross Section -99.92 To 9999. %



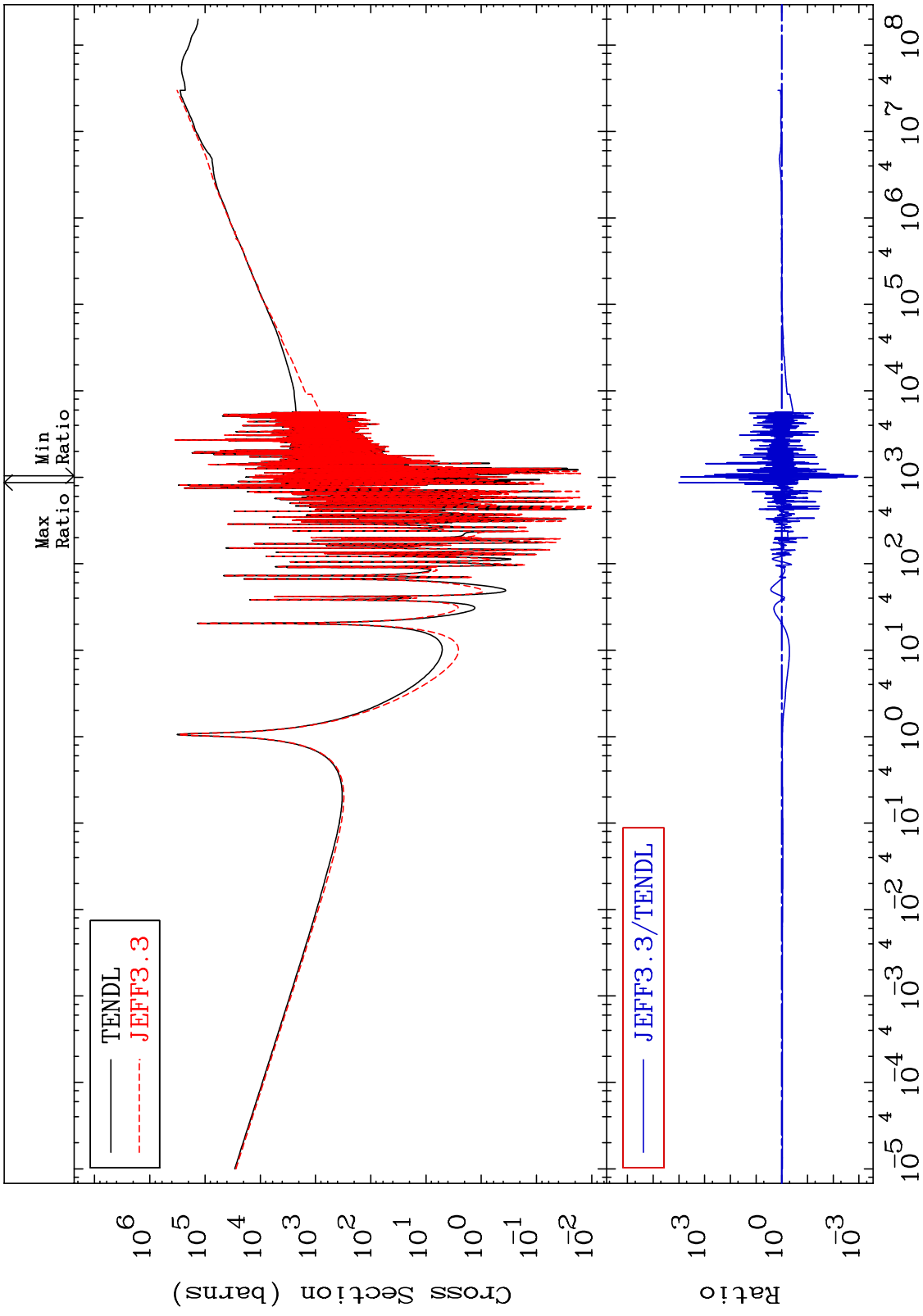
MAT 9440 94-Pu-240
Total photon (eV-barns) Cross Section -100.0 To 9999. %



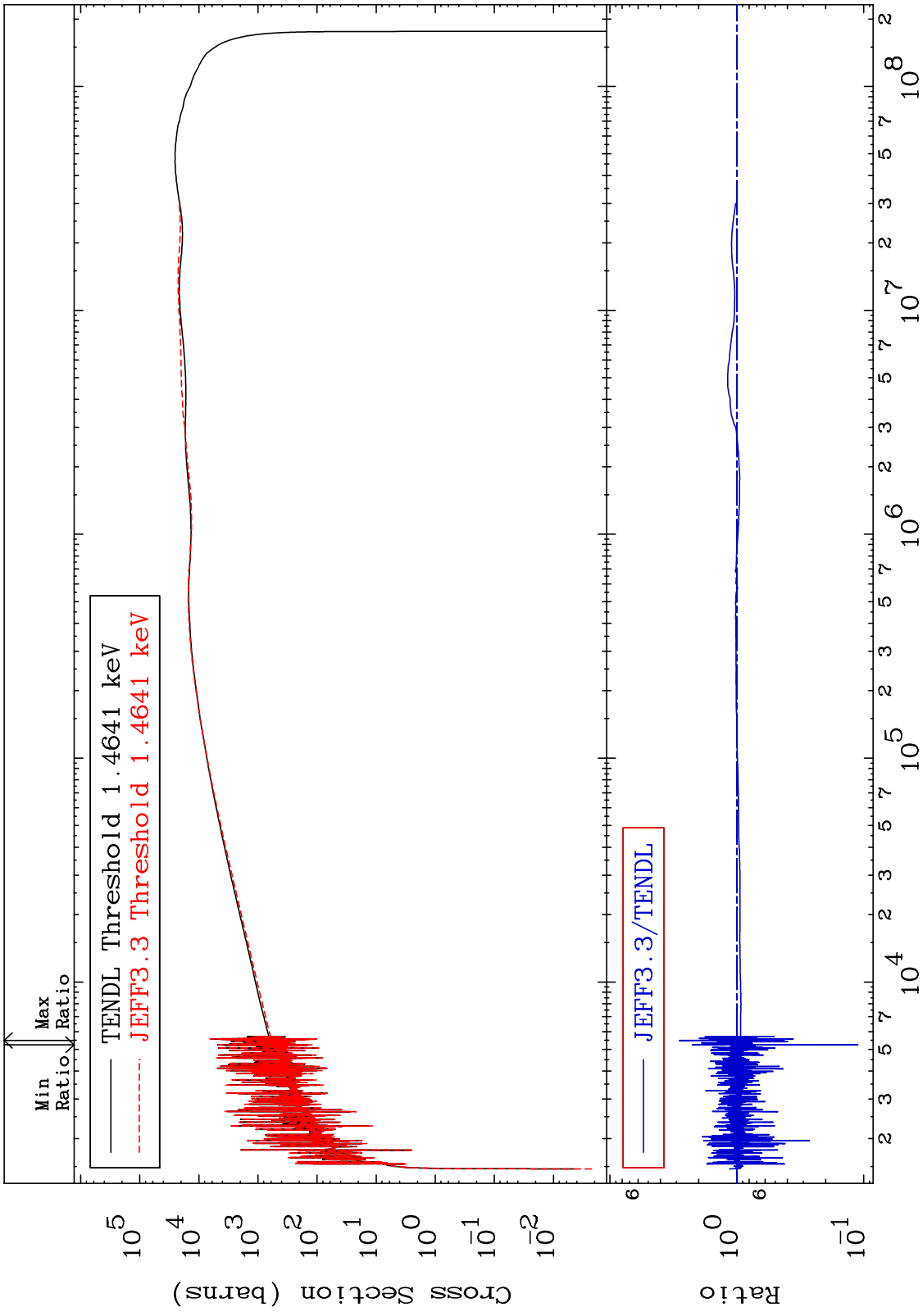
MAT 9440 Total kinematic kerma (high limit) 94-Pu-240
 Cross Section -99.99 To 9999. %



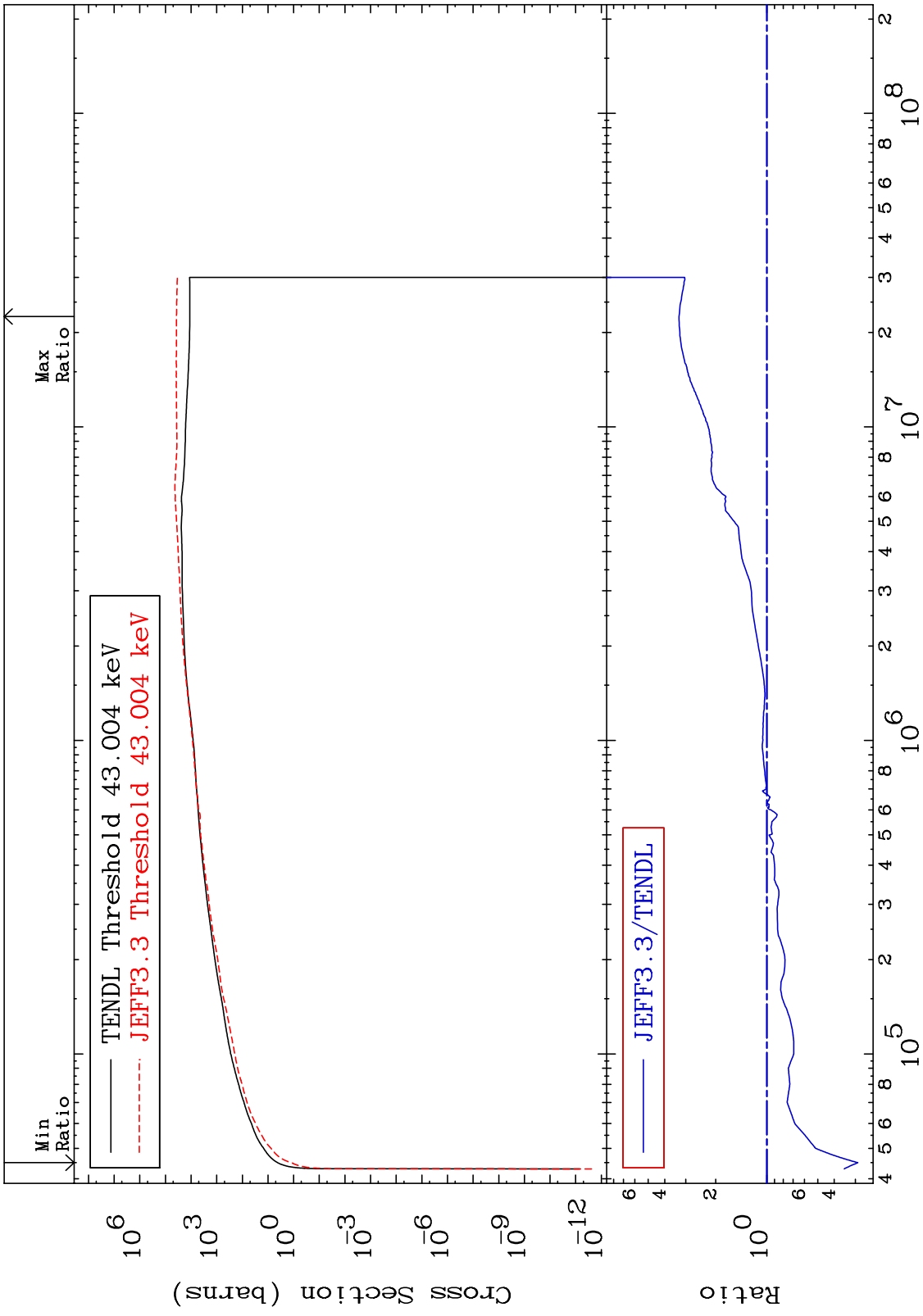
MAT 9440 Dpa total (eV-barns) 94-Pu-240
 Cross Section -99.89 To 9999. %



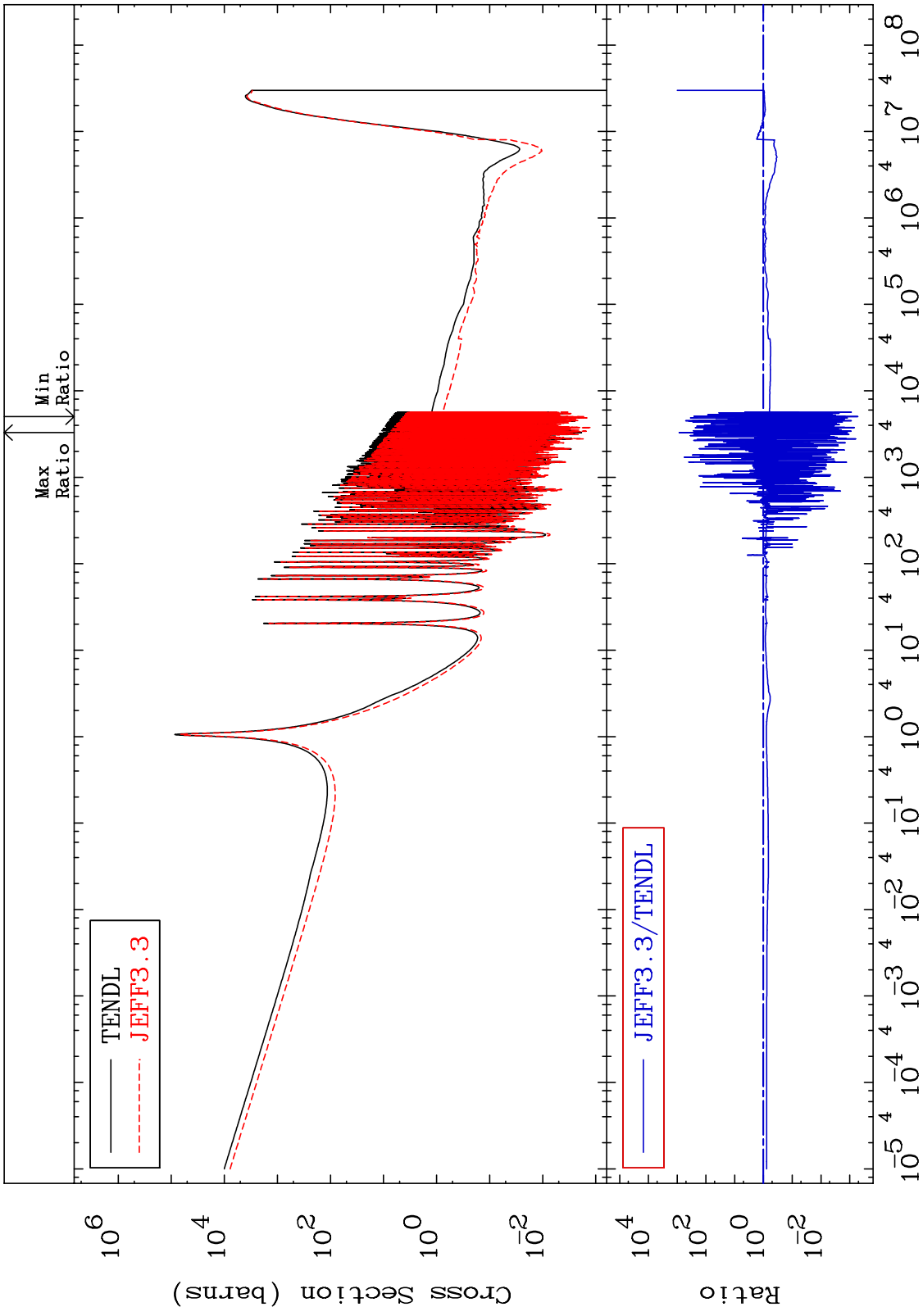
MAT 9440 94-Pu-240
 Dpa elastic (mt2) -88.86 To 185.3 %
 Cross Section



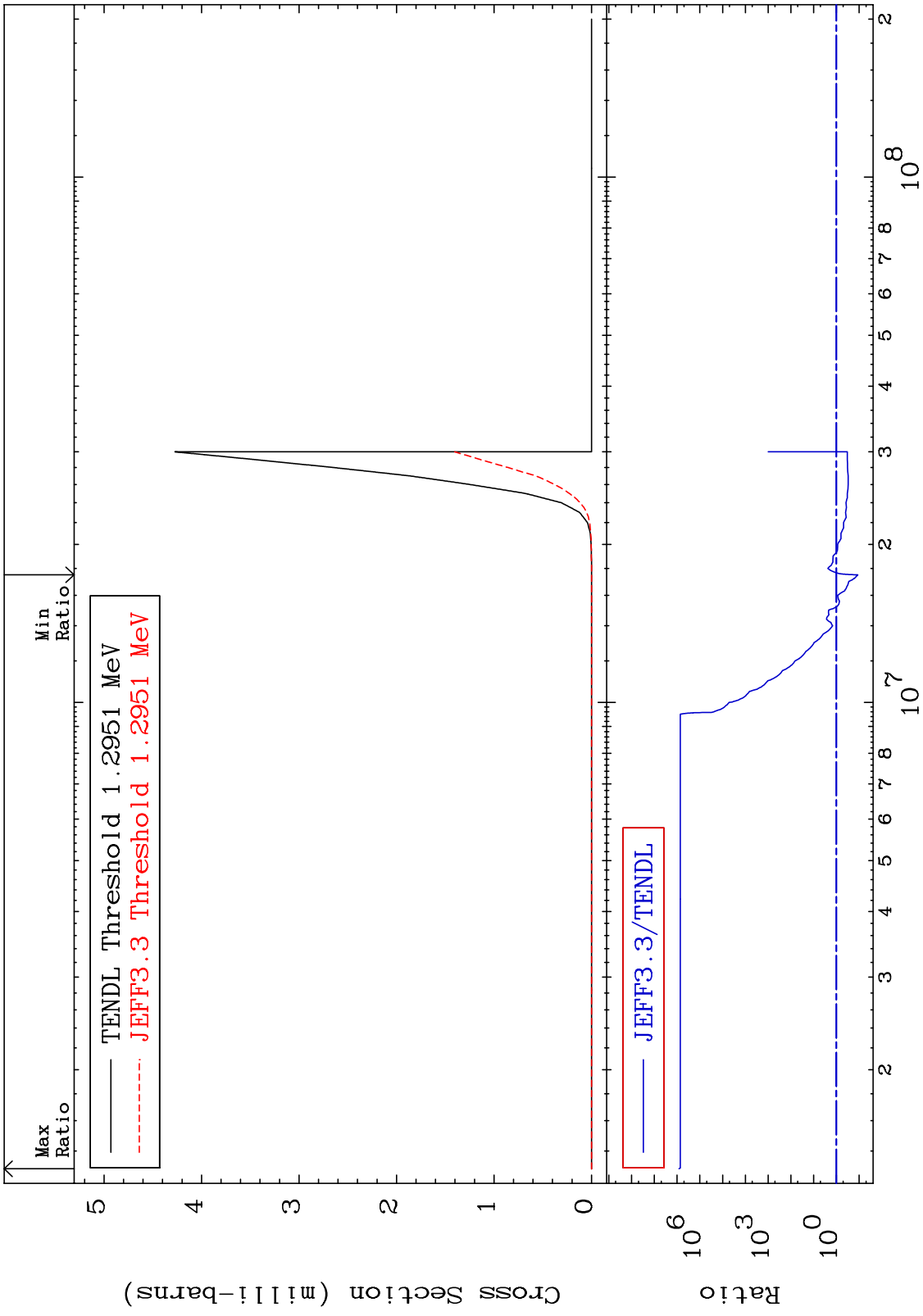
MAT 9440 Dpa inelastic (mt51-91) 94-Pu-240
 Cross Section -70.96 To 229.1 %



MAT 9440 Dpa disappearance (mt102 -120) 94-Pu-240
 Cross Section -99.95 To 9999. %



MAT 9440 (n,2n) α :92-U -235g 94-Pu-240
 Radionuclide Production Cross Section -88.59 To 9999. %



MAT 9440 (n,2n) α :92-U -235m1 94-Pu-240
 Radionuclide Production Cross Section -94.06 To 9999. %

