

Program Complot
(Version 2018-1)

by

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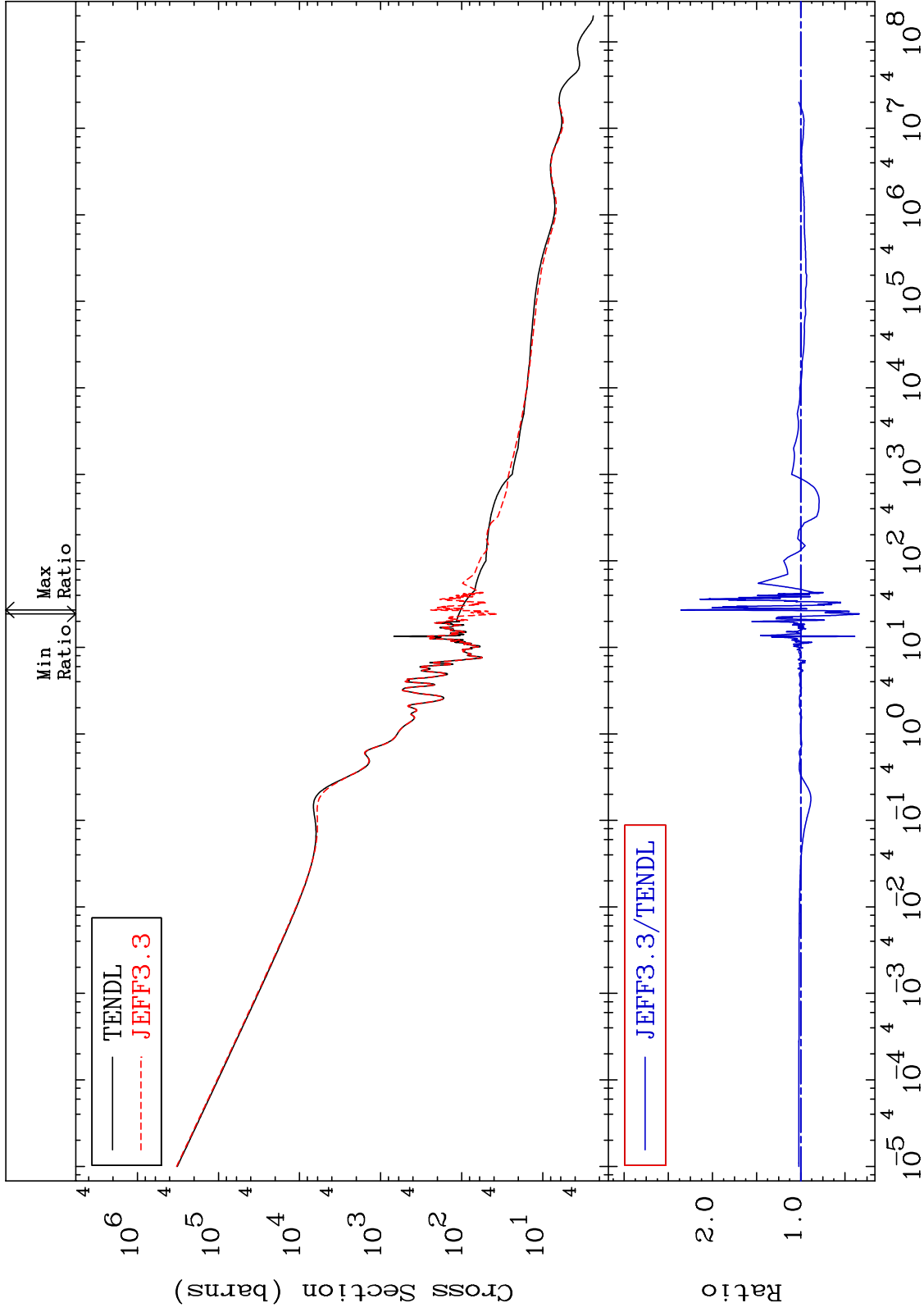
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9547

Total
Cross Section

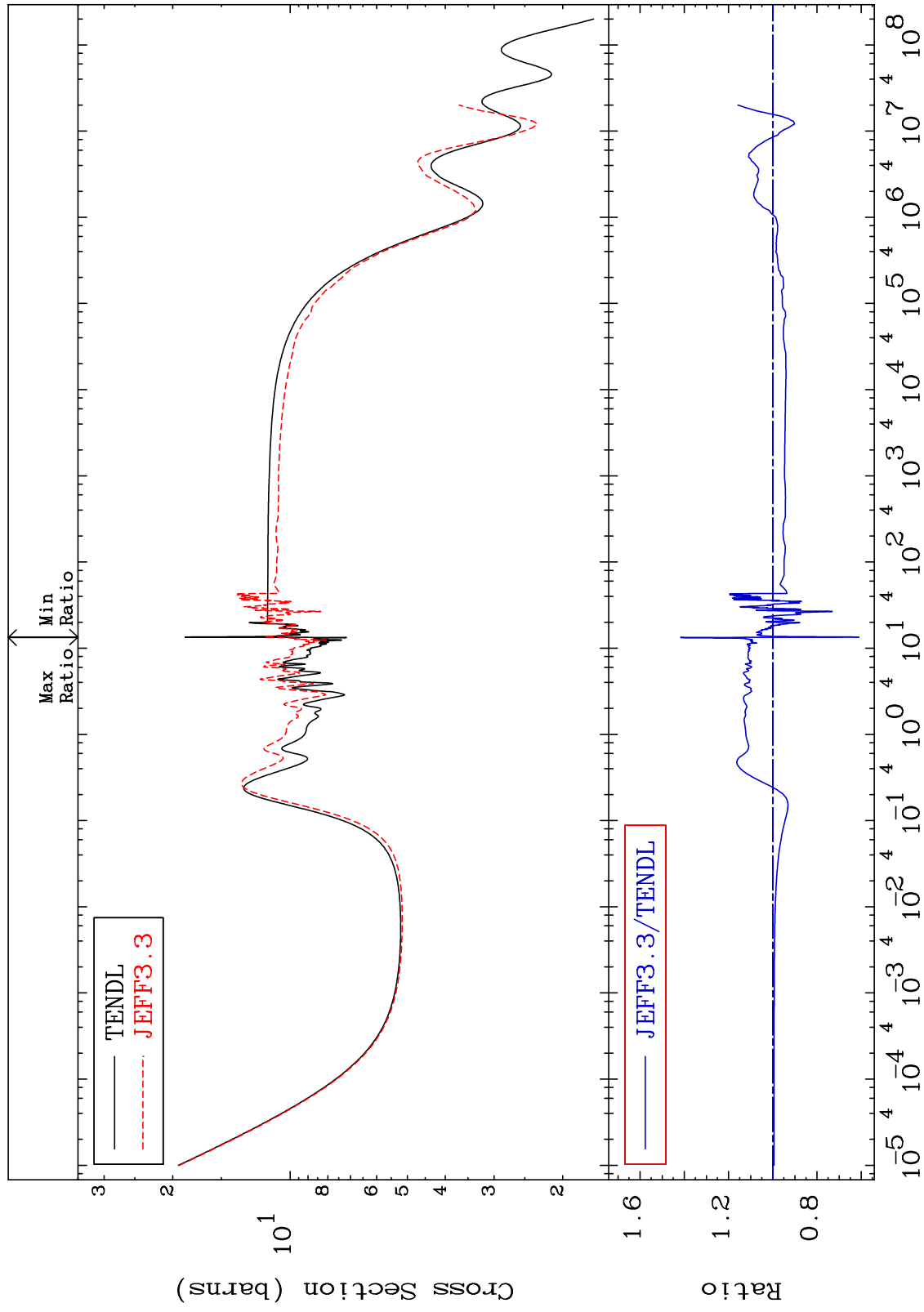
95-Am-242
-66.73 To 135.9 %



Incident Energy (eV)

95-Am-242

MAT 9547 Elastic Cross Section 95-Am-242 -38.99 To 41.56 %



95-Am-242

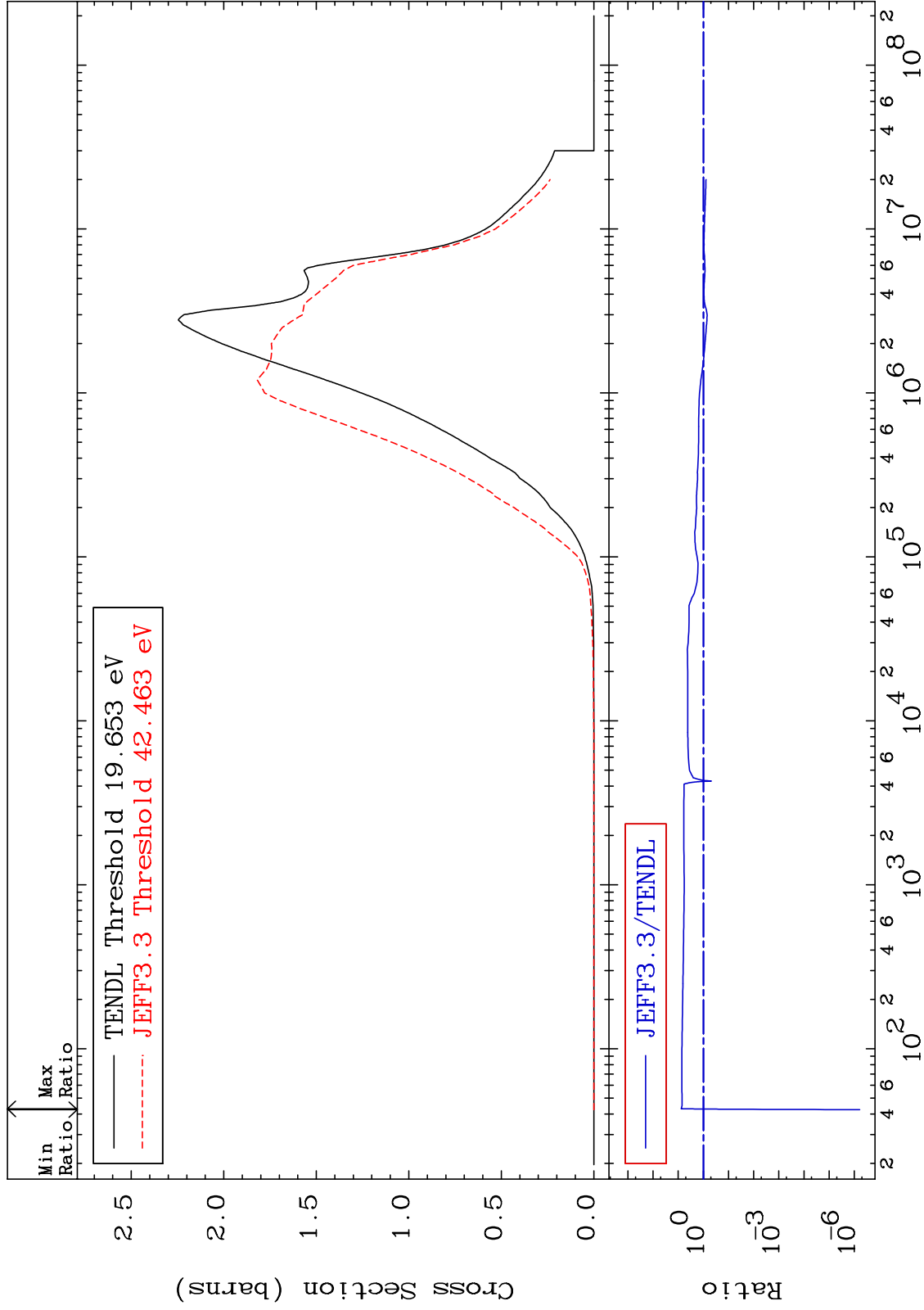
Incident Energy (eV)

2

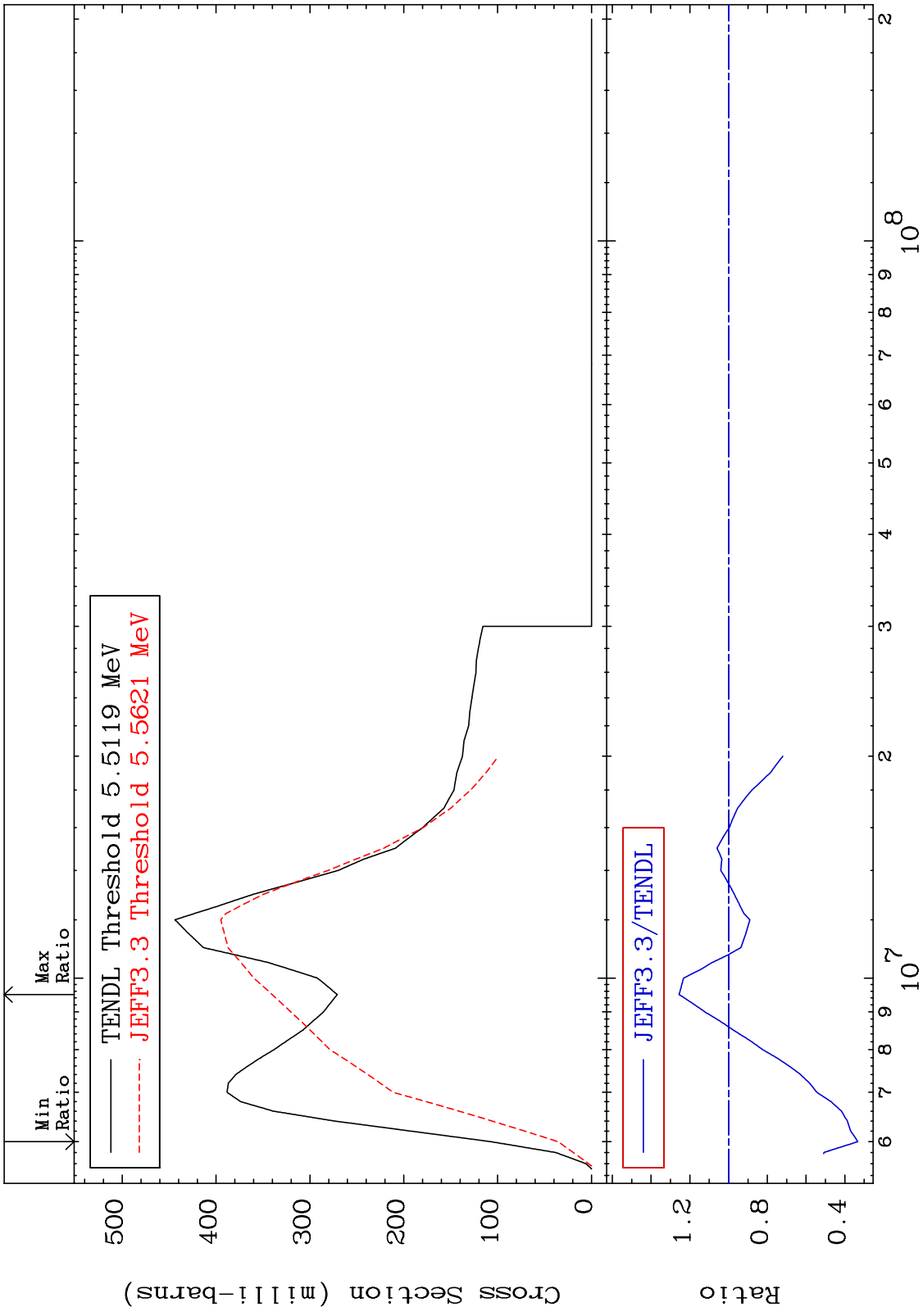
MAT 9547

Inelastic
Cross Section

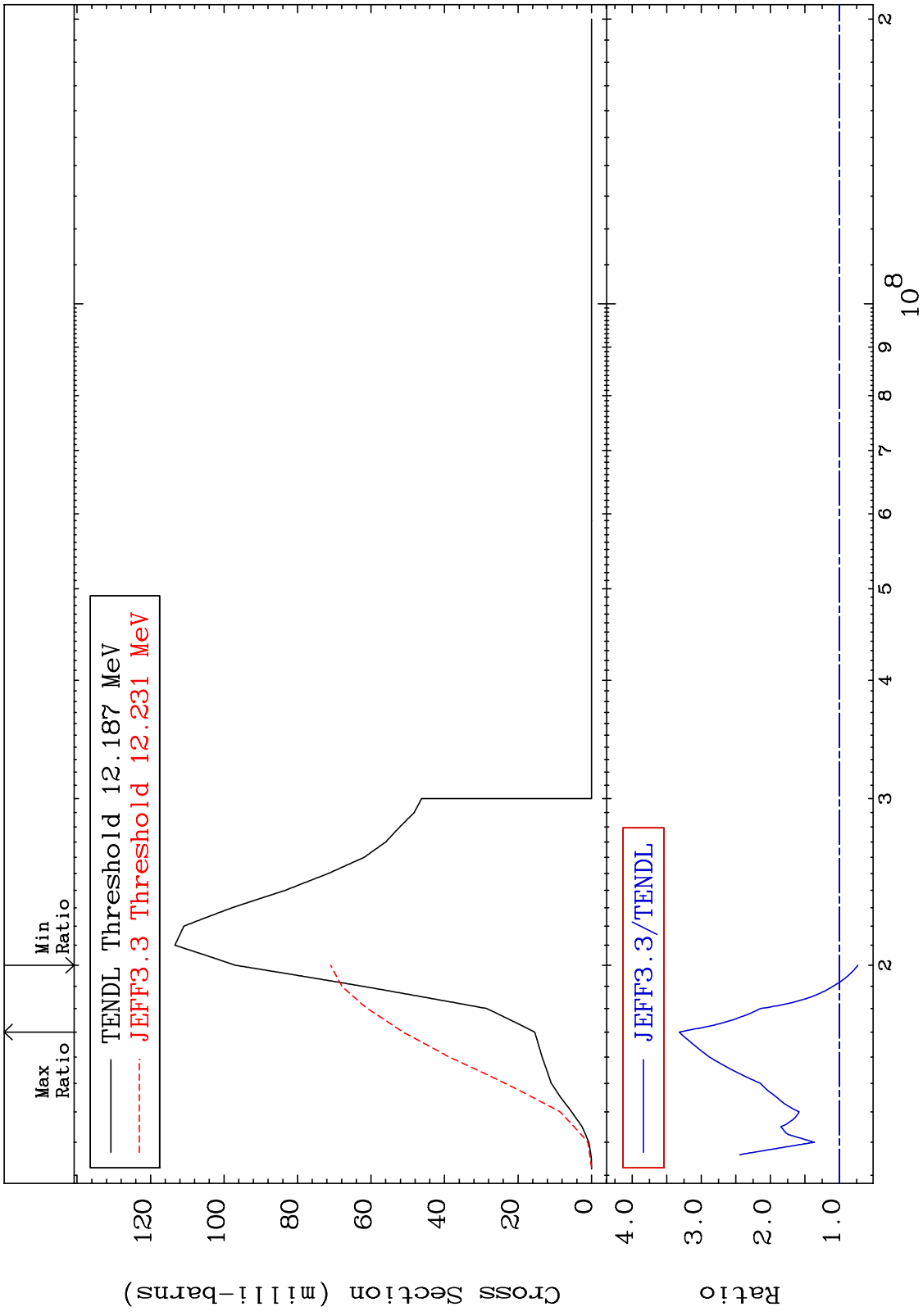
95-Am-242
-100.0 To 657.8 %



MAT 9547 (n,2n) Cross Section 95-Am-242 -66.72 To 25.57 %



MAT 9547 (n,3n) Cross Section 95-Am-242 -26.76 To 232.1 %



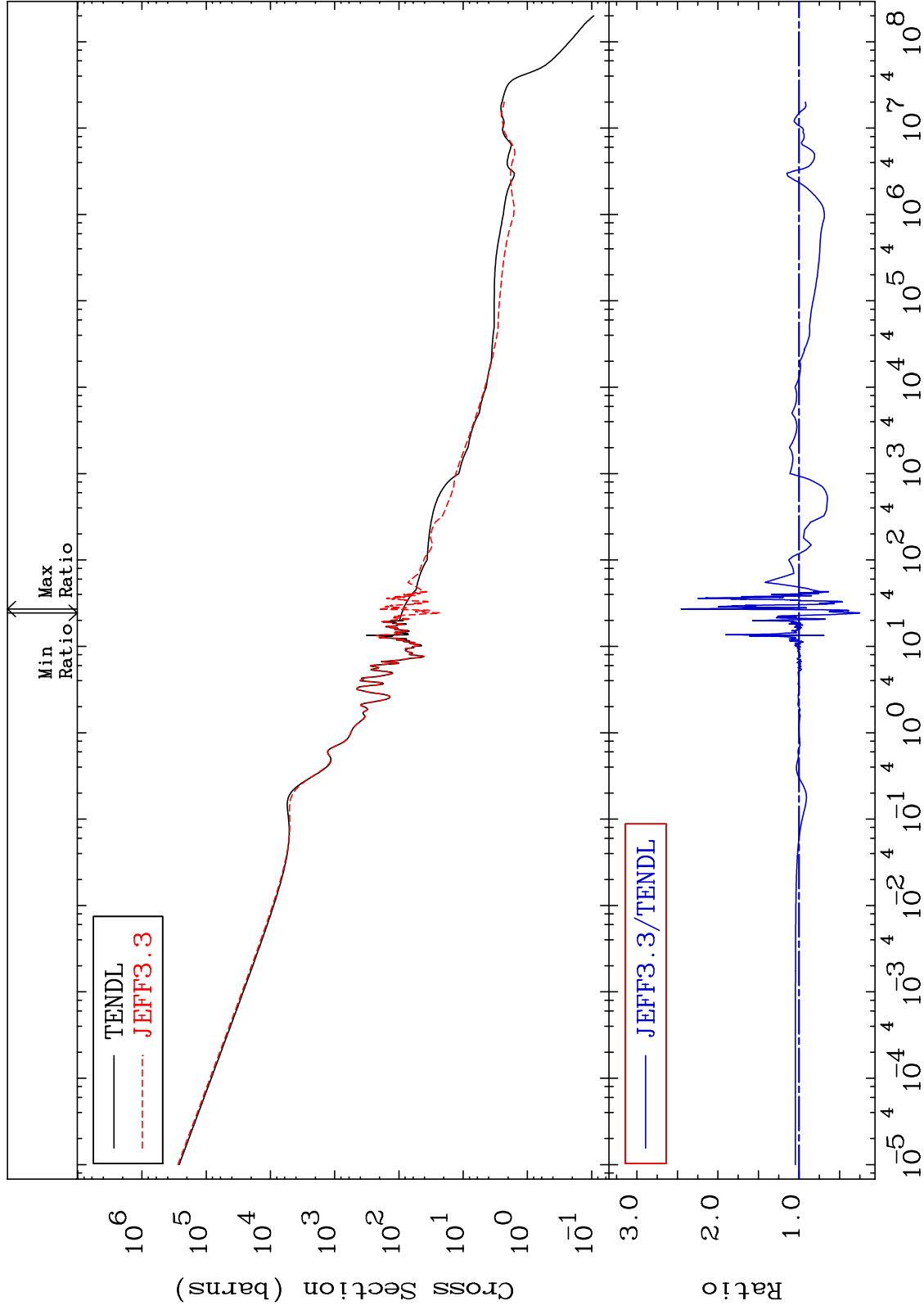
MAT 9547

Fission

95-Am-242

Cross Section

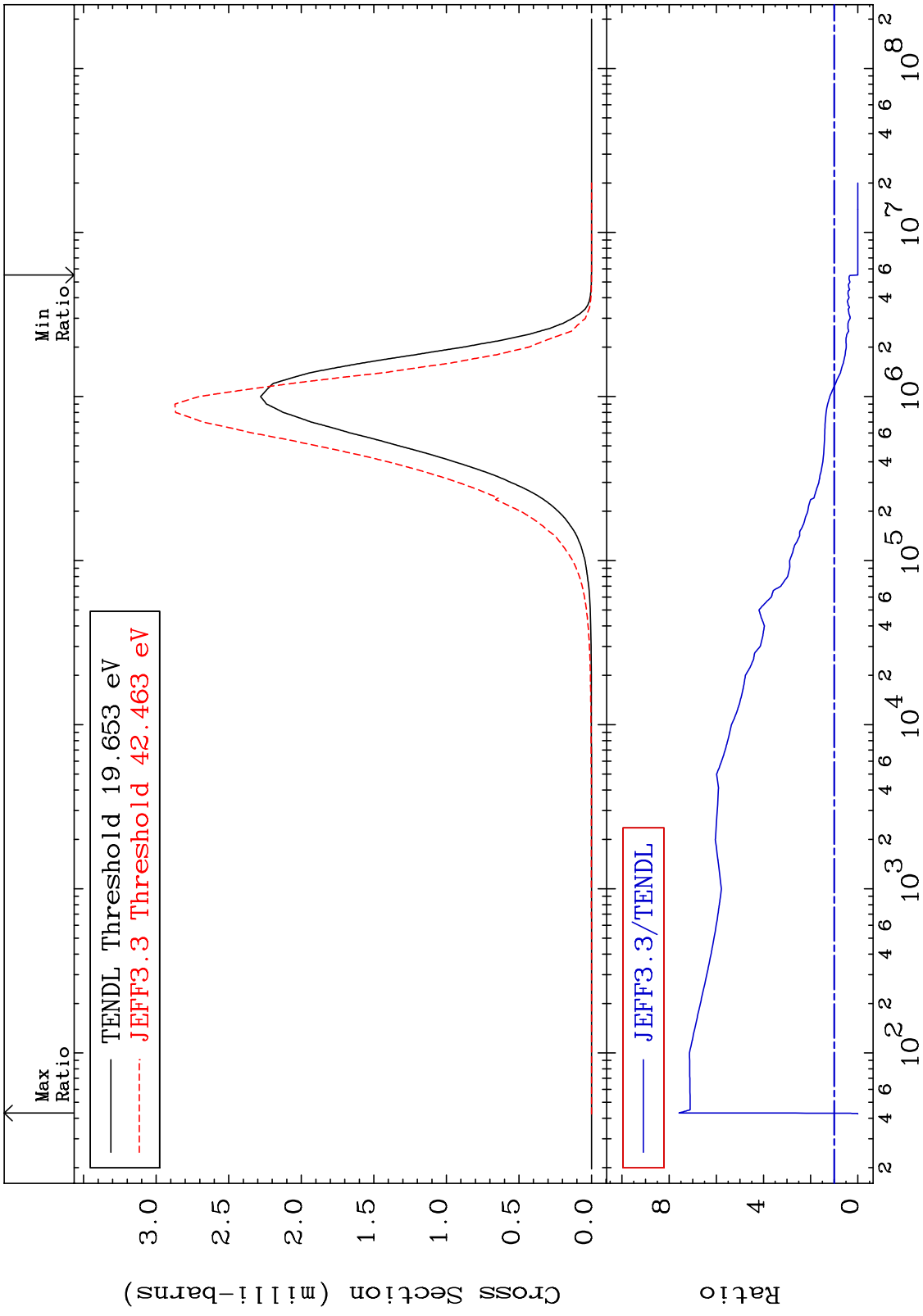
-74.92 To 145.3 %



Incident Energy (eV)

95-Am-242

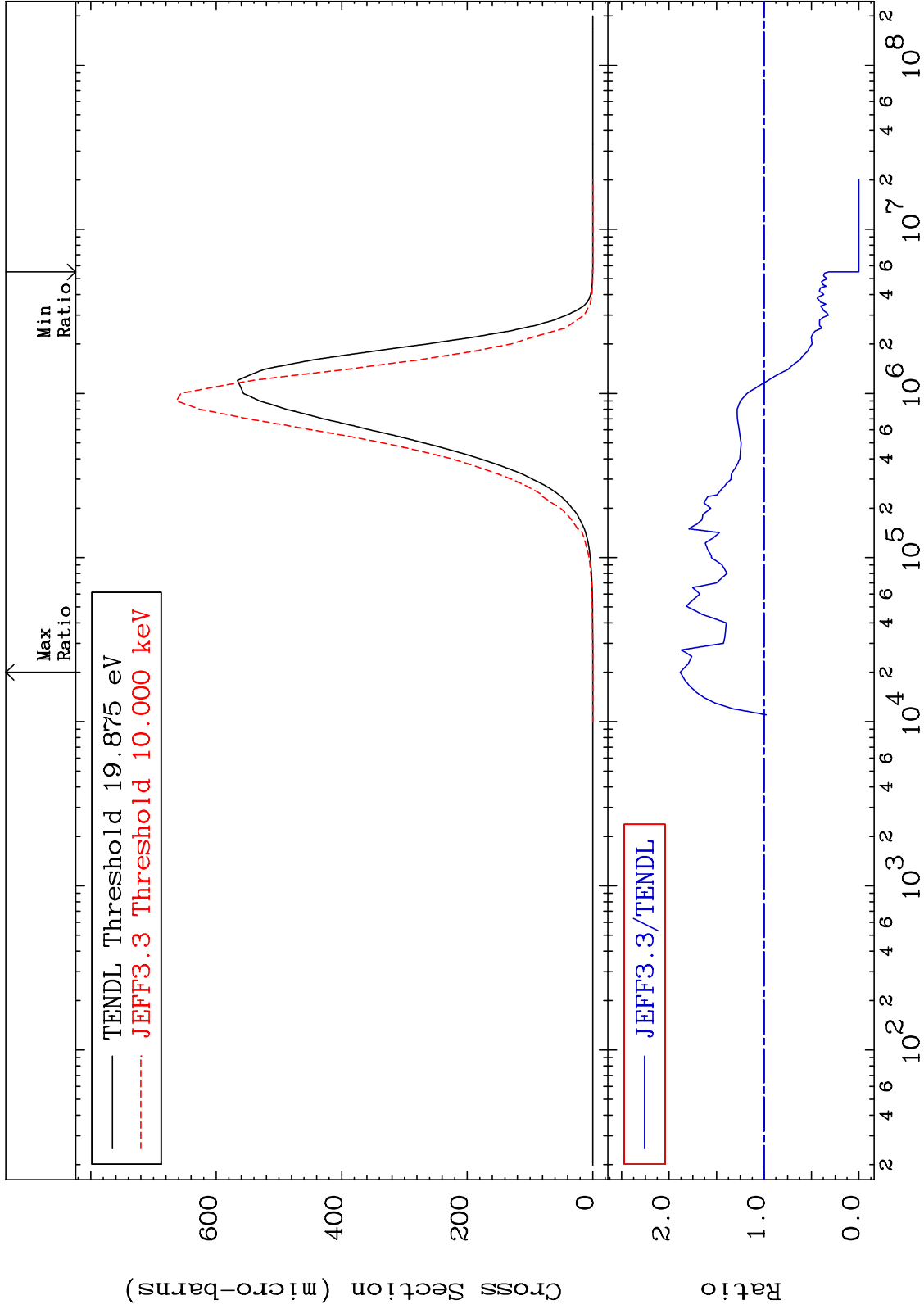
MAT 9547 MT= 51 (n,n') Level Cross Section 95-Am-242
 -100.0 To 657.9 %



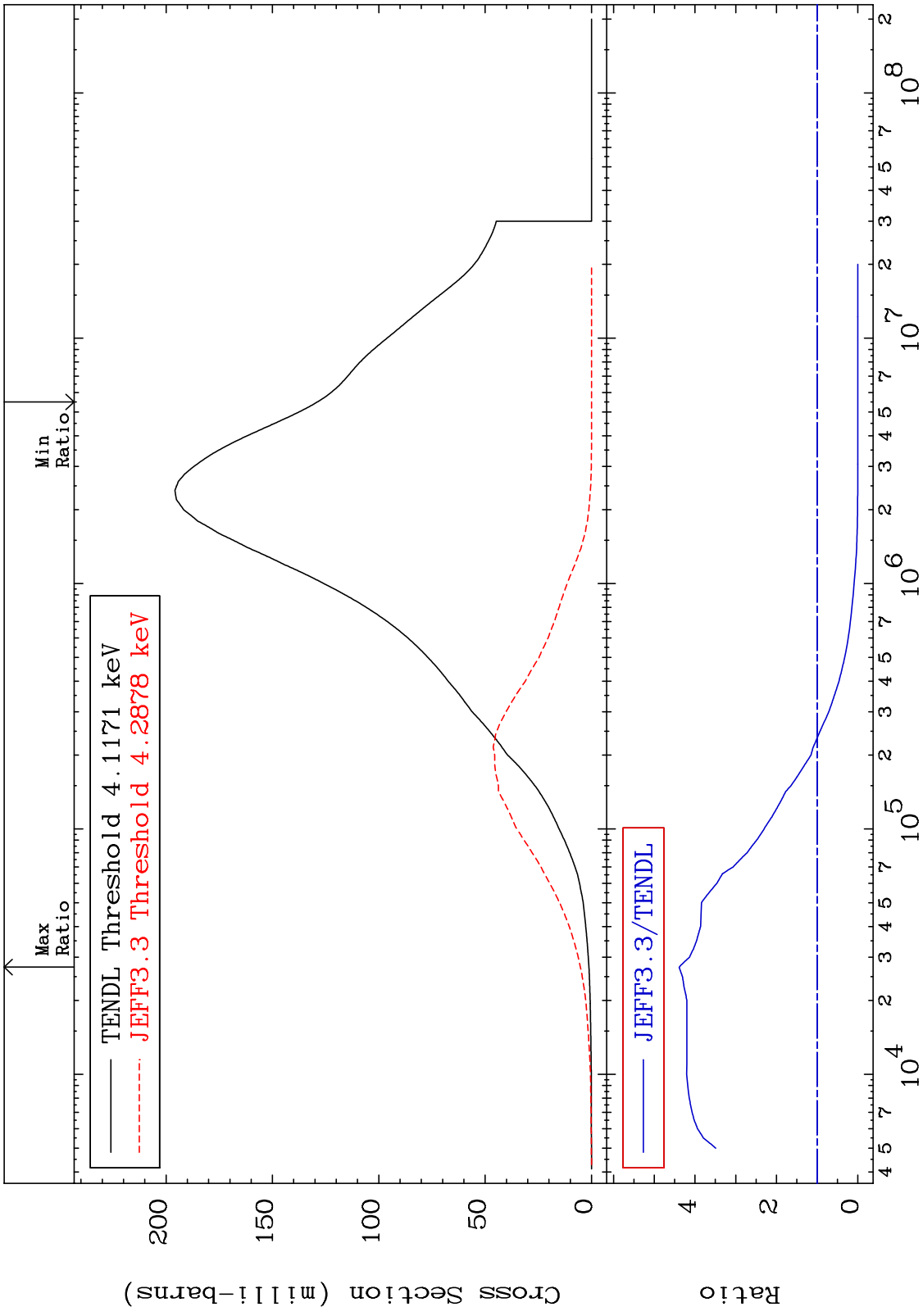
MAT 9547

MT= 52 (n,n') Level
Cross Section

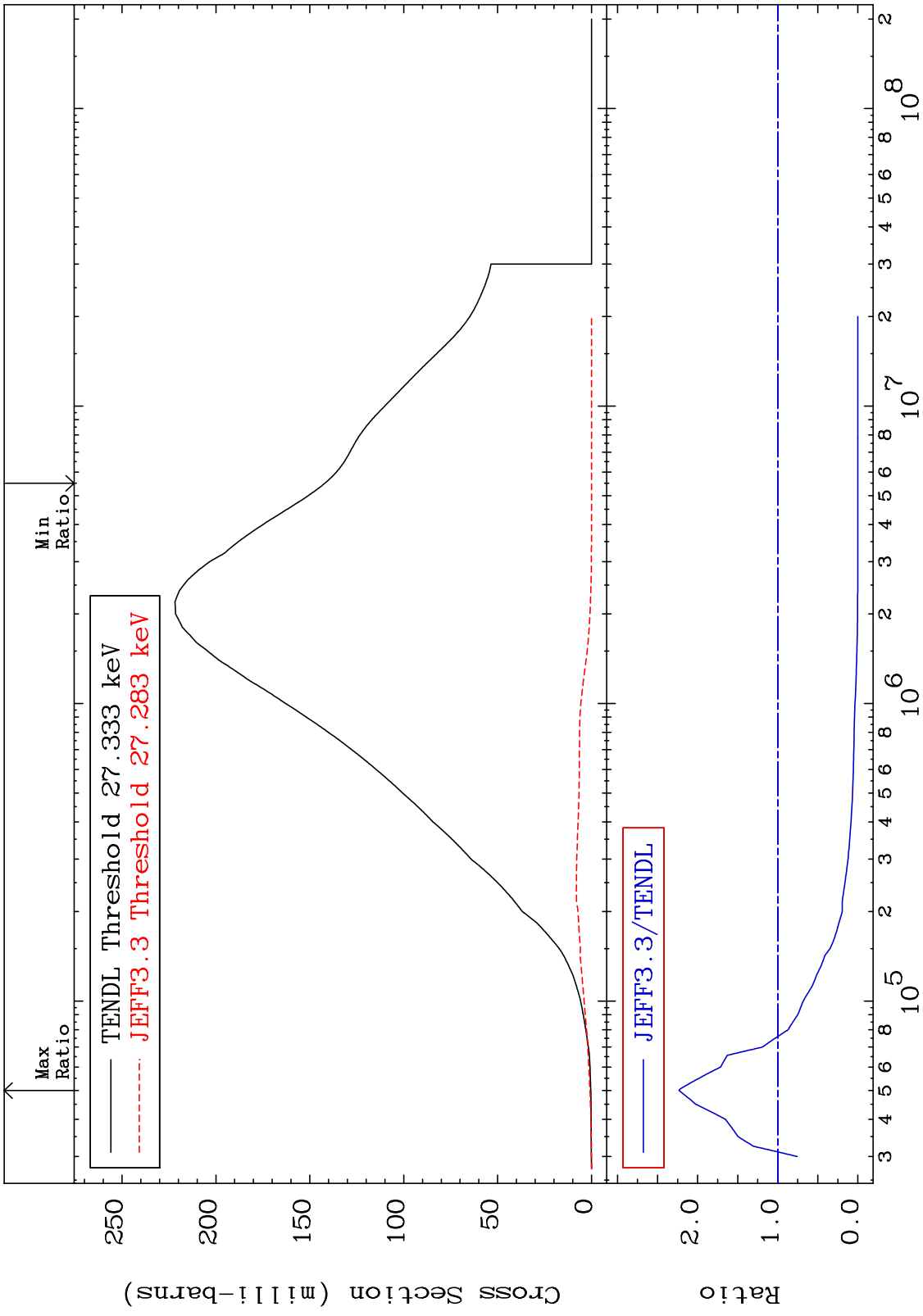
95-Am-242
-100.0 To 88.29 %



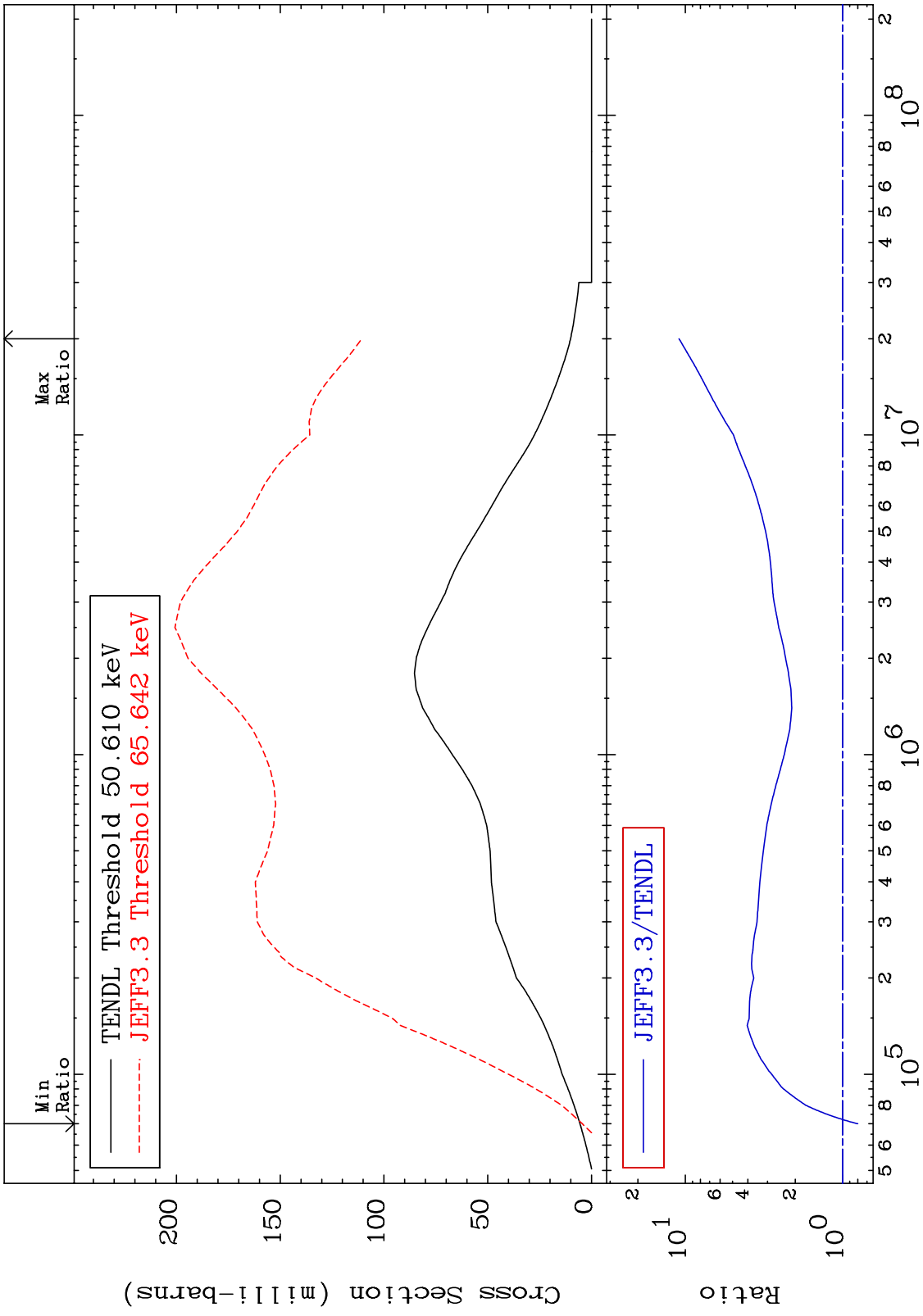
MAT 9547 MT= 53 (n,n') Level Cross Section 95-Am-242
 -100.0 To 339.2 %



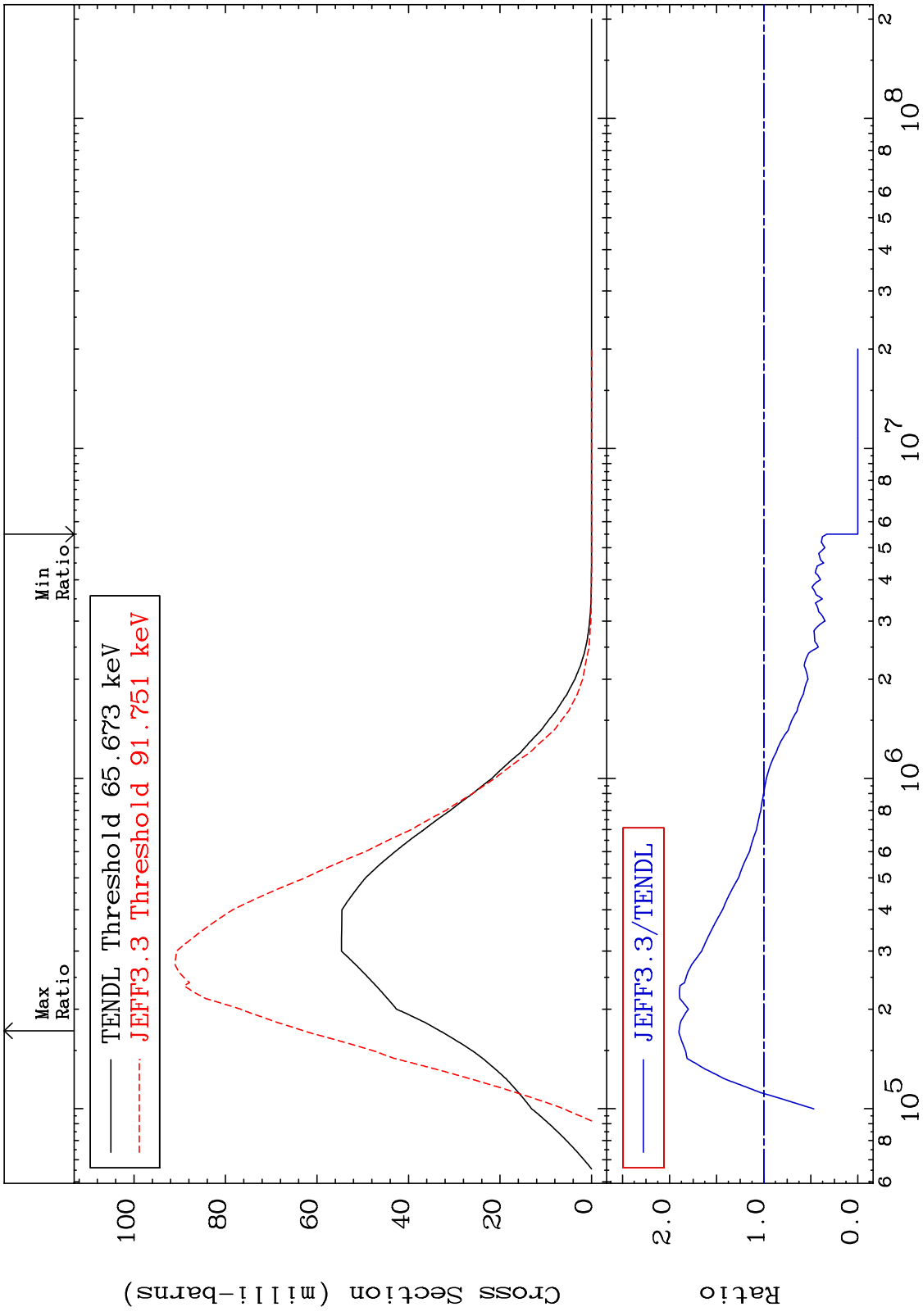
MAT 9547 MT= 54 (n,n') Level Cross Section 95-Am-242
 -100.0 To 123.2 %



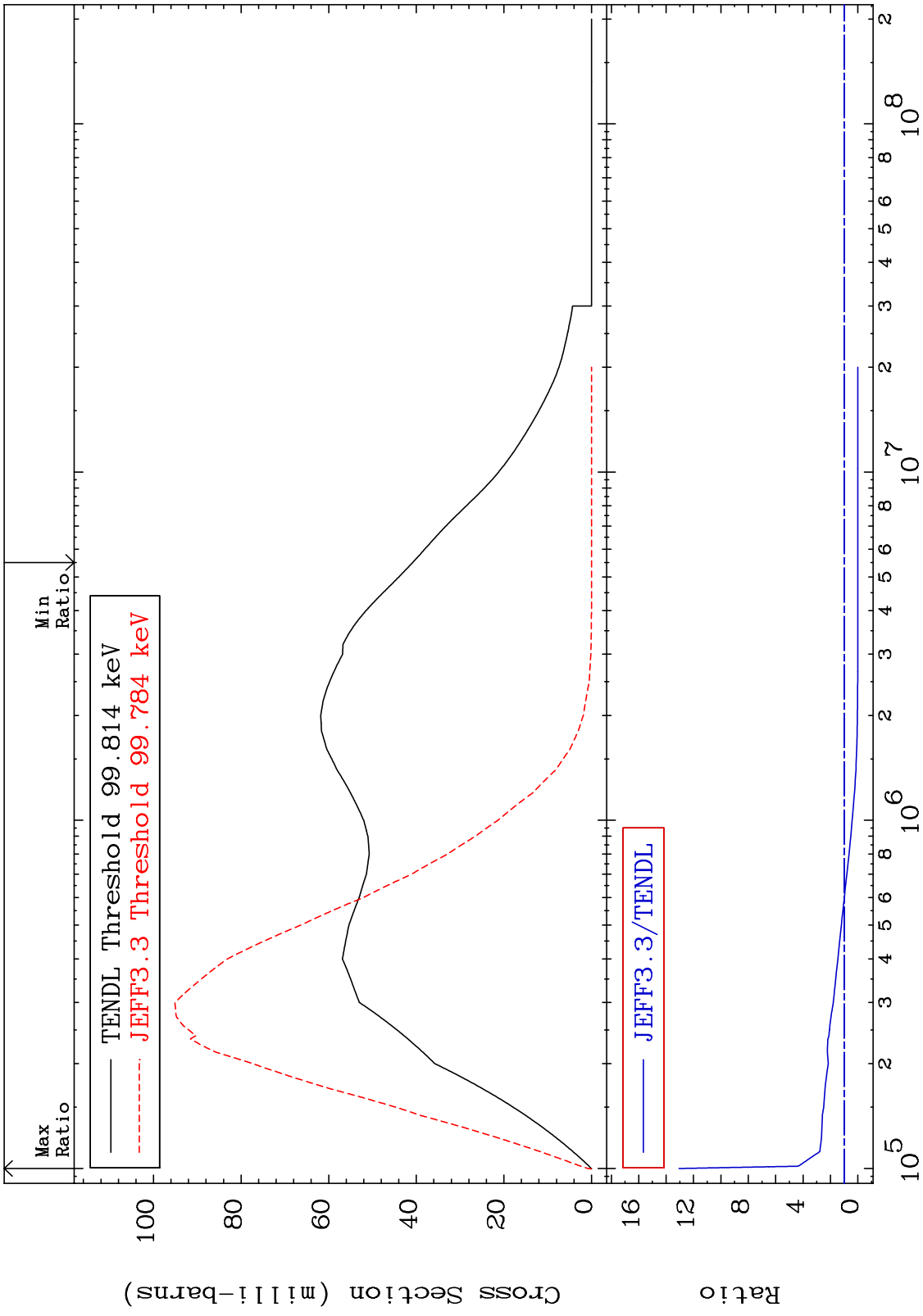
MAT 9547 MT= 55 (n,n') Level Cross Section 95-Am-242
 -20.08 To 995.2 %



MAT 9547 MT= 56 (n,n') Level Cross Section -100.0 To 89.92 % 95-Am-242

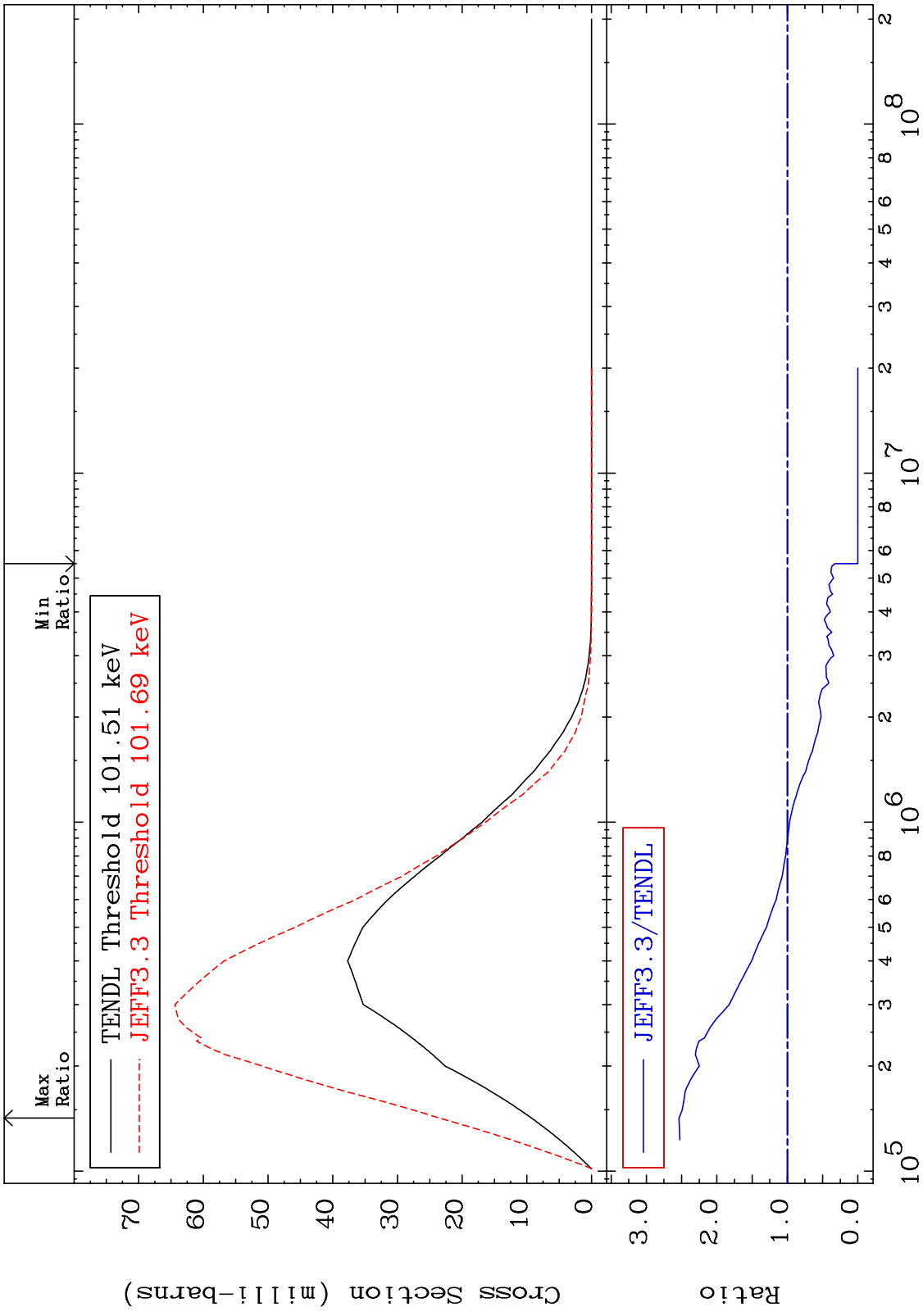


MAT 9547 MT= 57 (n,n') Level Cross Section -100.0 To 1206. % 95-Am-242

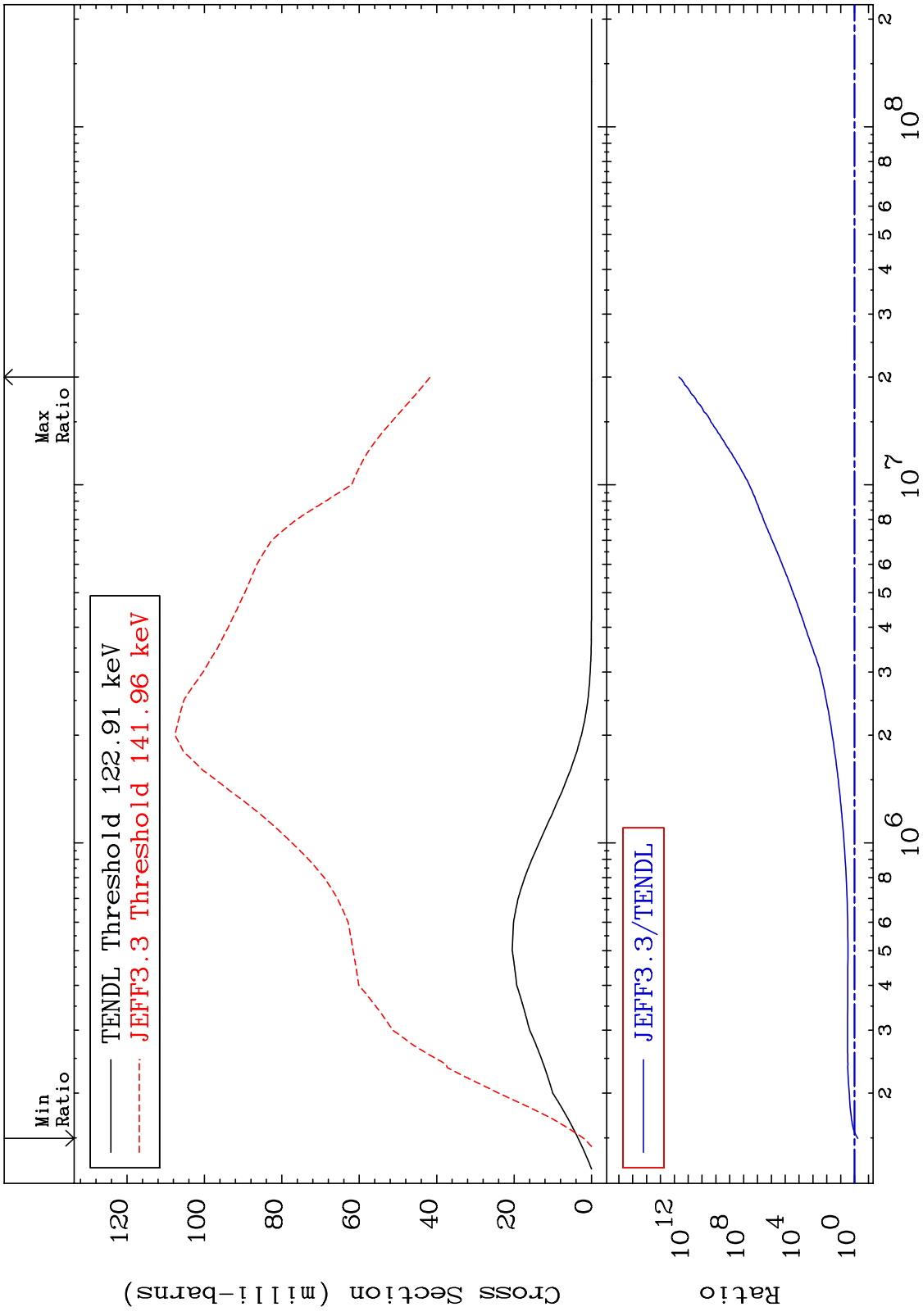


13 Incident Energy (eV) 95-Am-242

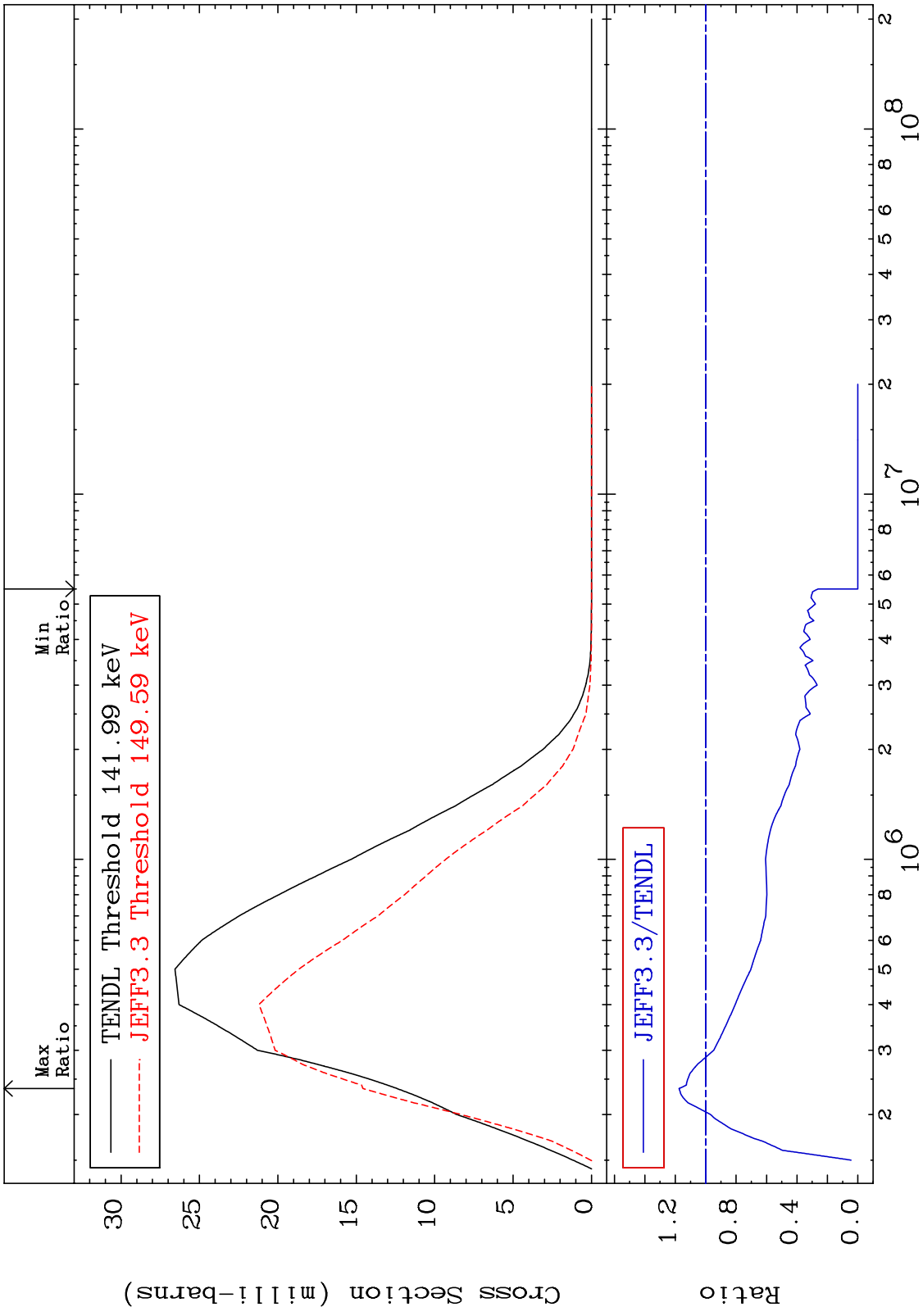
MAT 9547 MT= 58 (n,n') Level Cross Section -100.0 To 153.6 % 95-Am-242



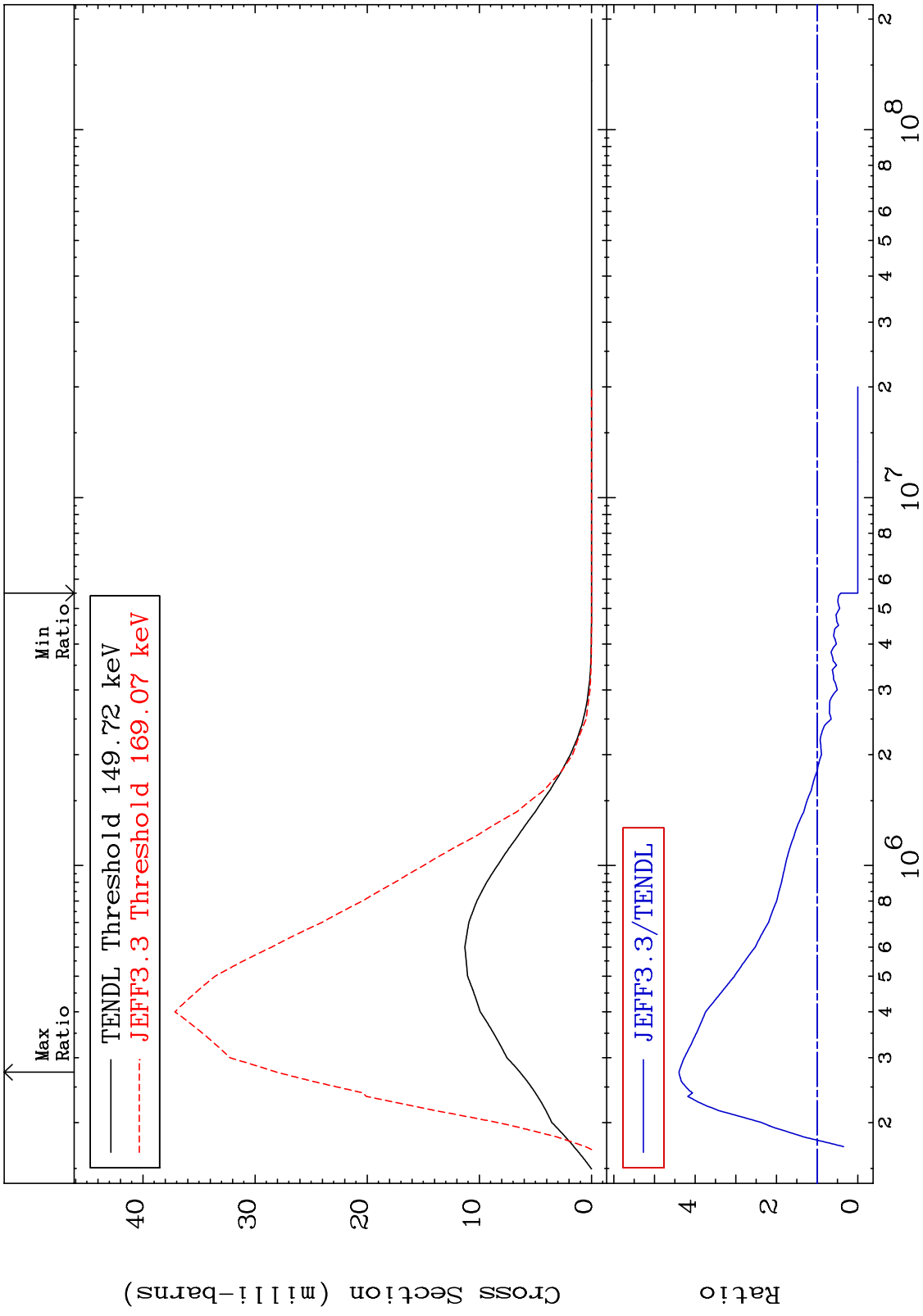
MAT 9547 MT= 59 (n,n') Level Cross Section 95-Am-242
 -41.99 To 9999. %



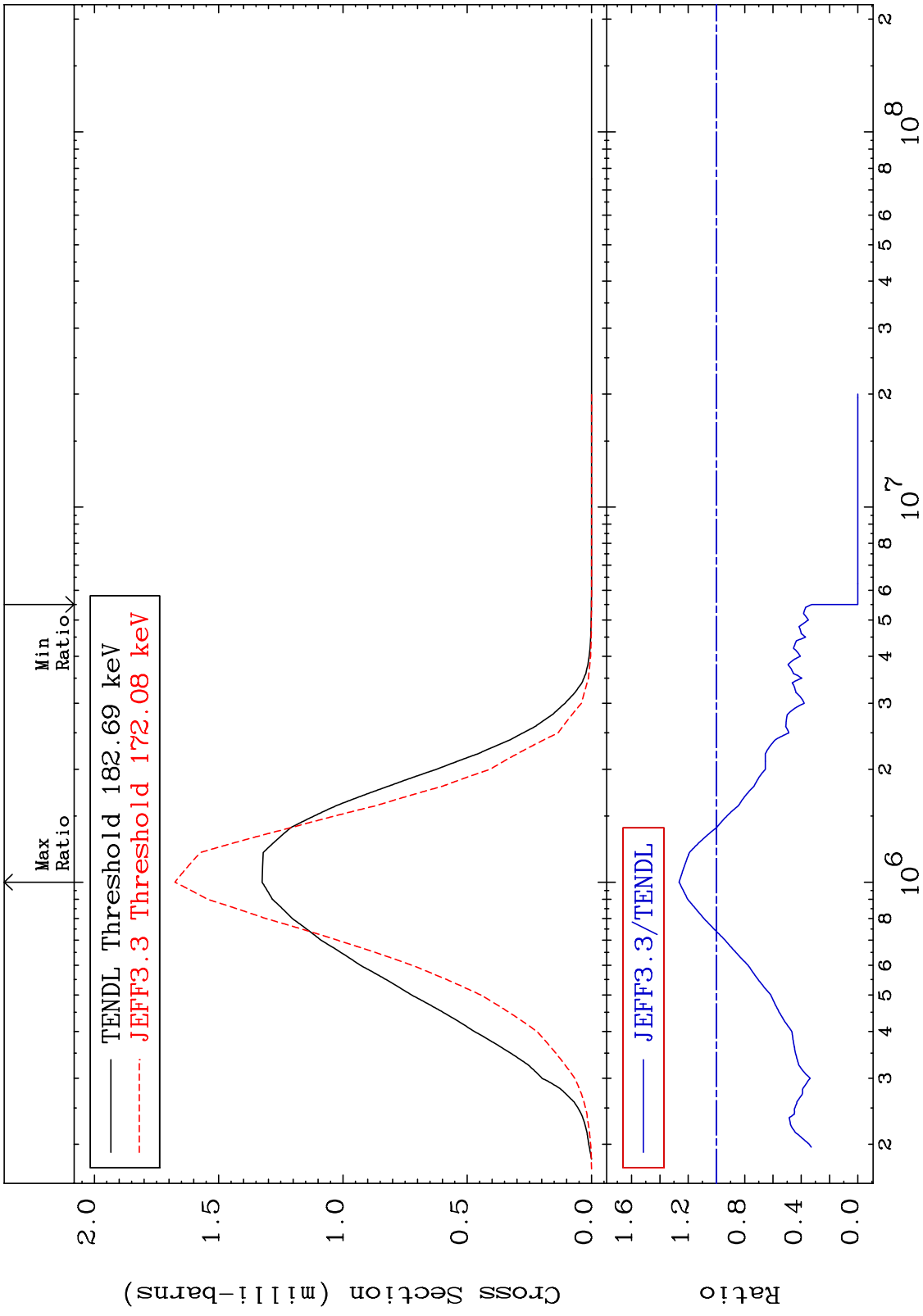
MAT 9547 MT= 60 (n,n') Level Cross Section 95-Am-242
 -100.0 To 17.52 %



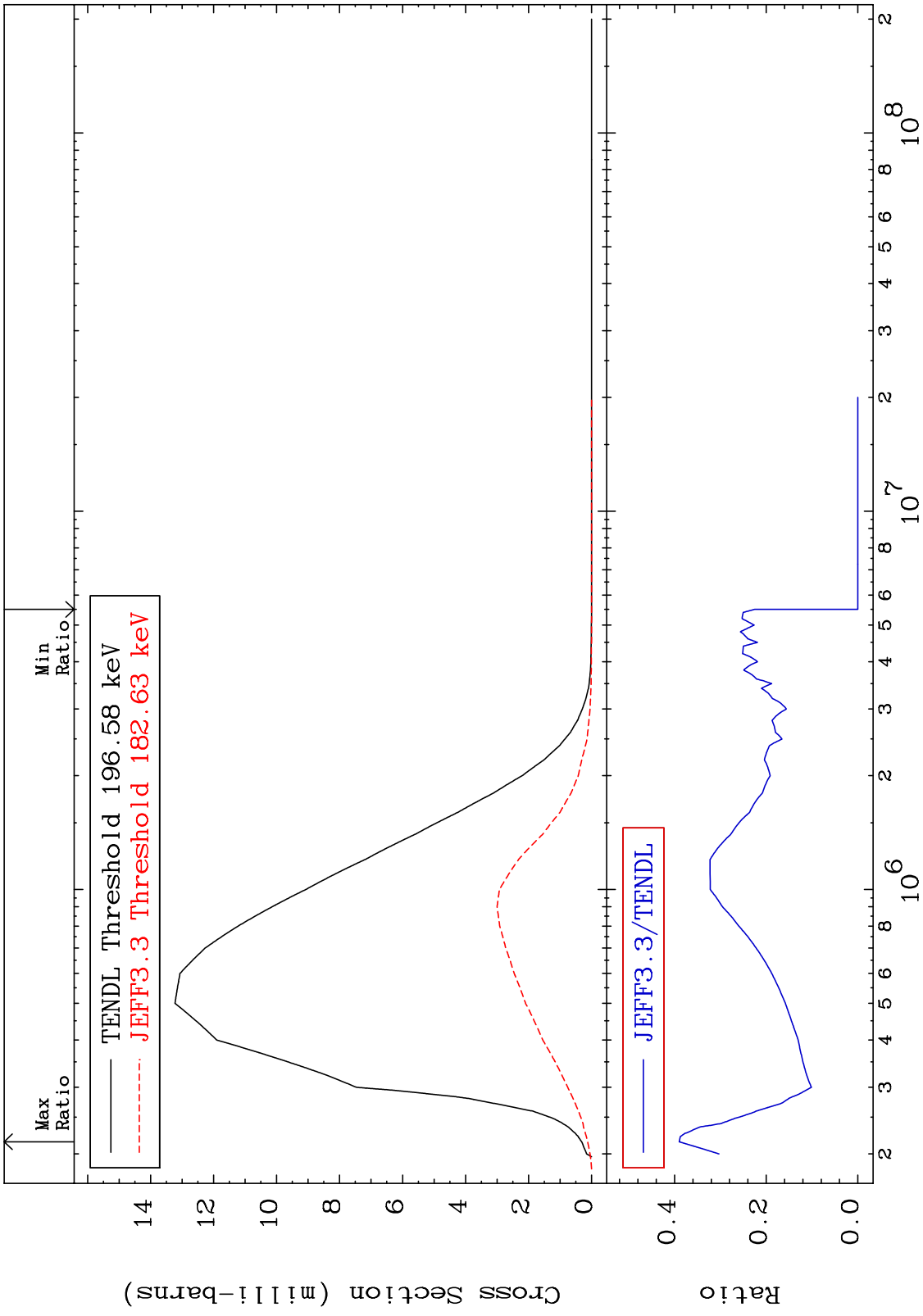
MAT 9547 MT= 61 (n,n') Level Cross Section -100.0 To 339.7 % 95-Am-242



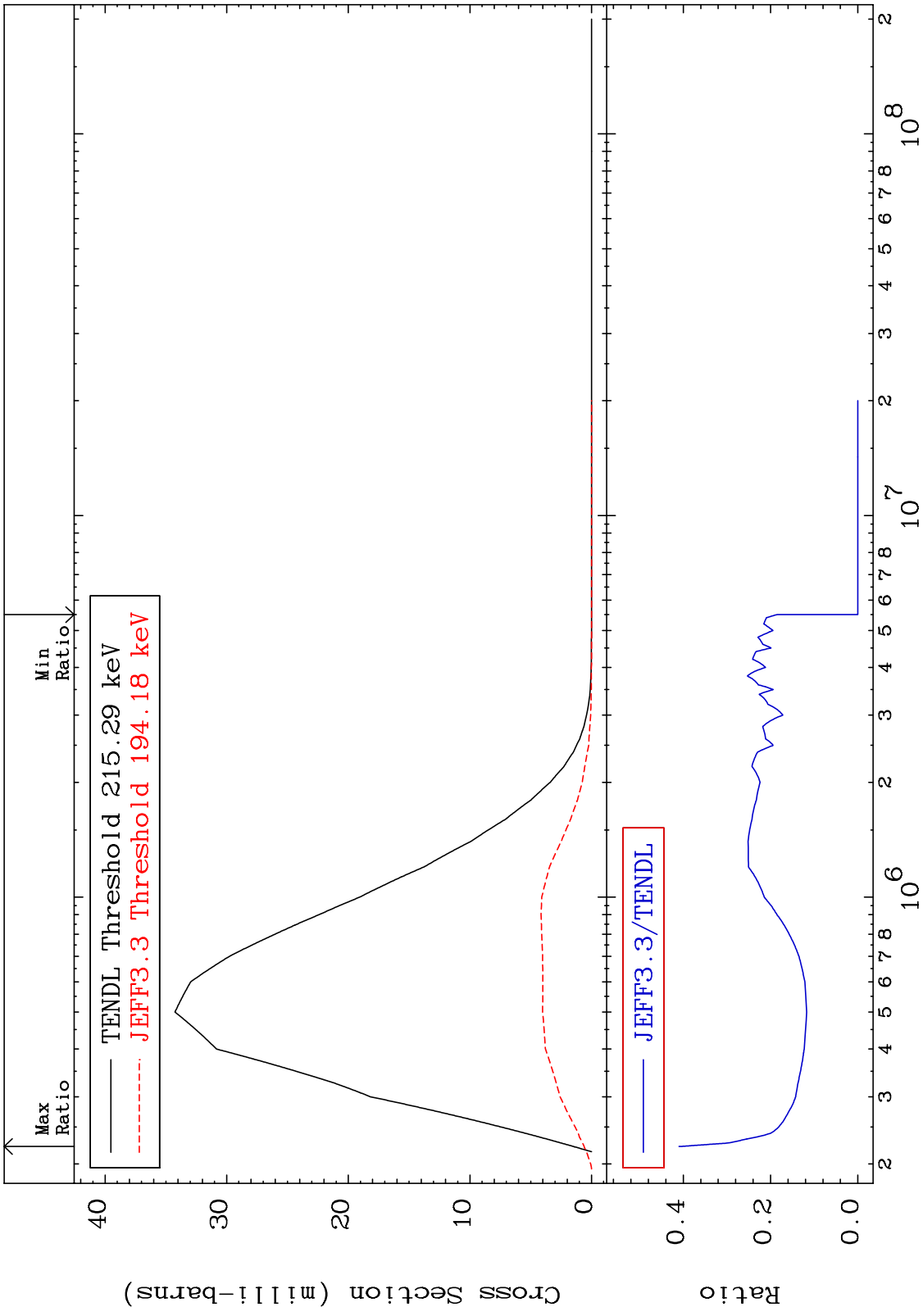
MAT 9547 MT= 62 (n,n') Level Cross Section 95-Am-242
 -100.0 To 26.43 %



MAT 9547 MT= 63 (n,n') Level Cross Section 95-Am-242
 -100.0 To -60.97%

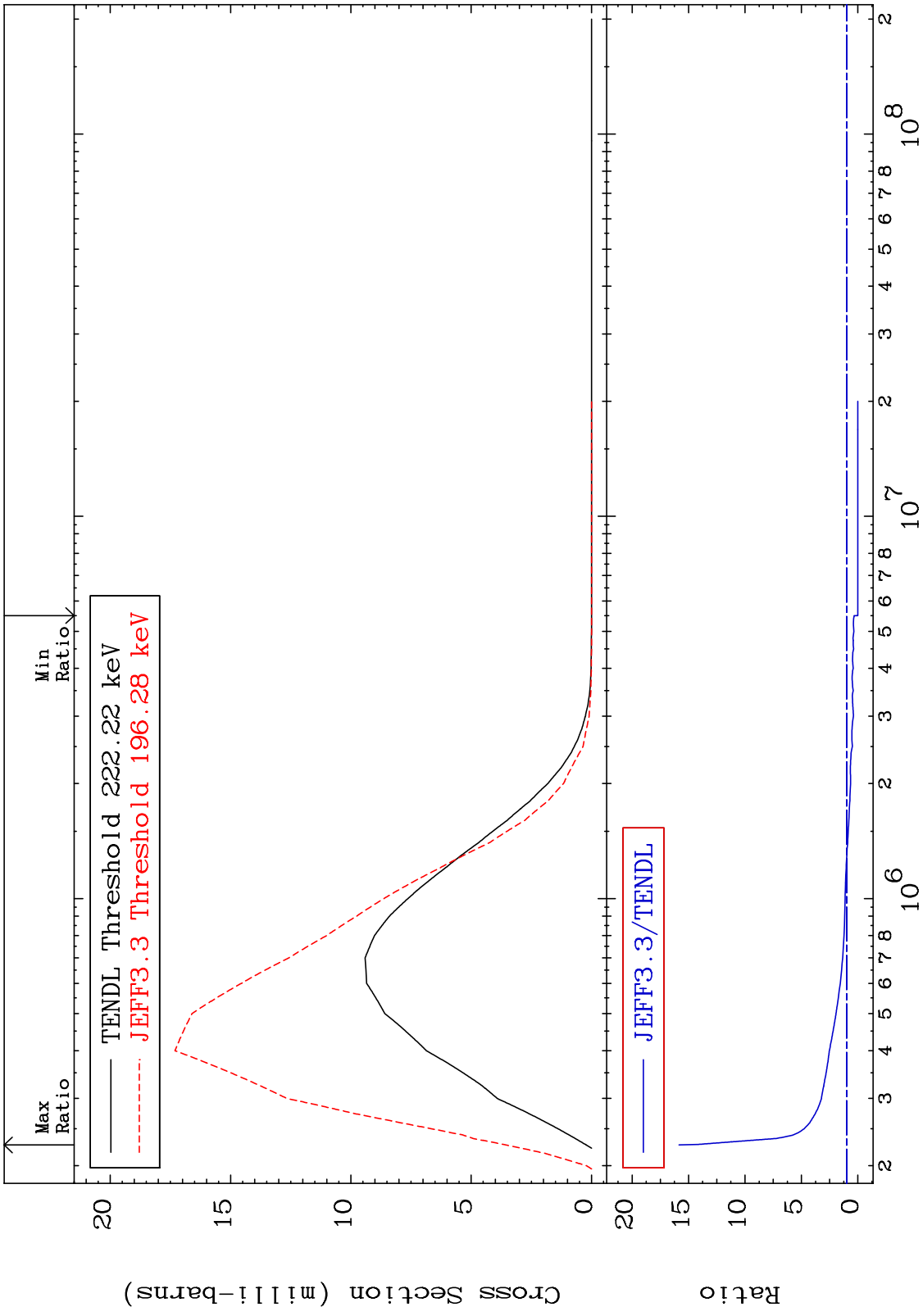


MAT 9547 MT= 64 (n,n') Level Cross Section 95-Am-242
 -100.0 To -59.03%



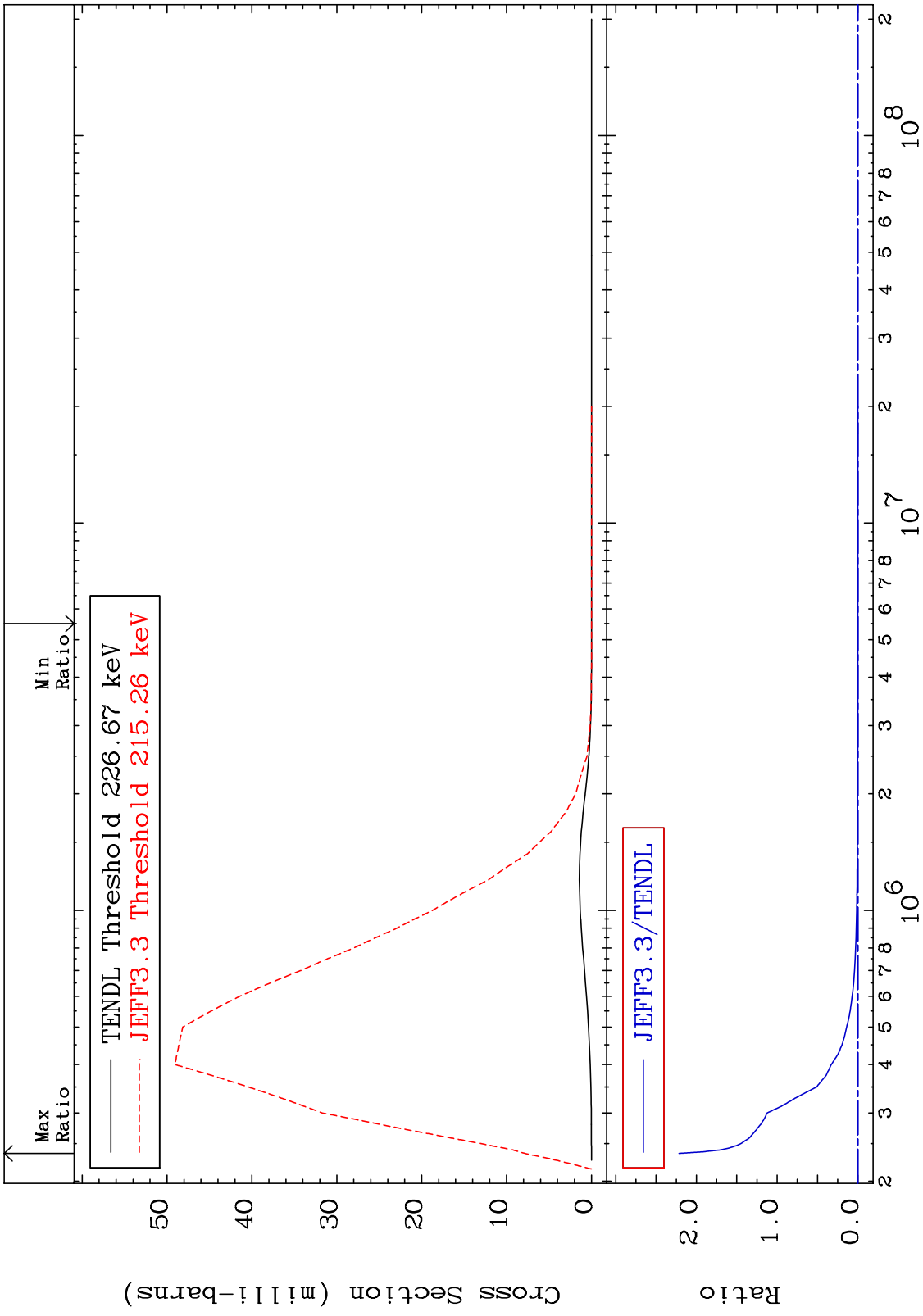
20 Incident Energy (eV) 95-Am-242

MAT 9547 MT= 65 (n,n') Level Cross Section 95-Am-242
 -100.0 To 1484. %

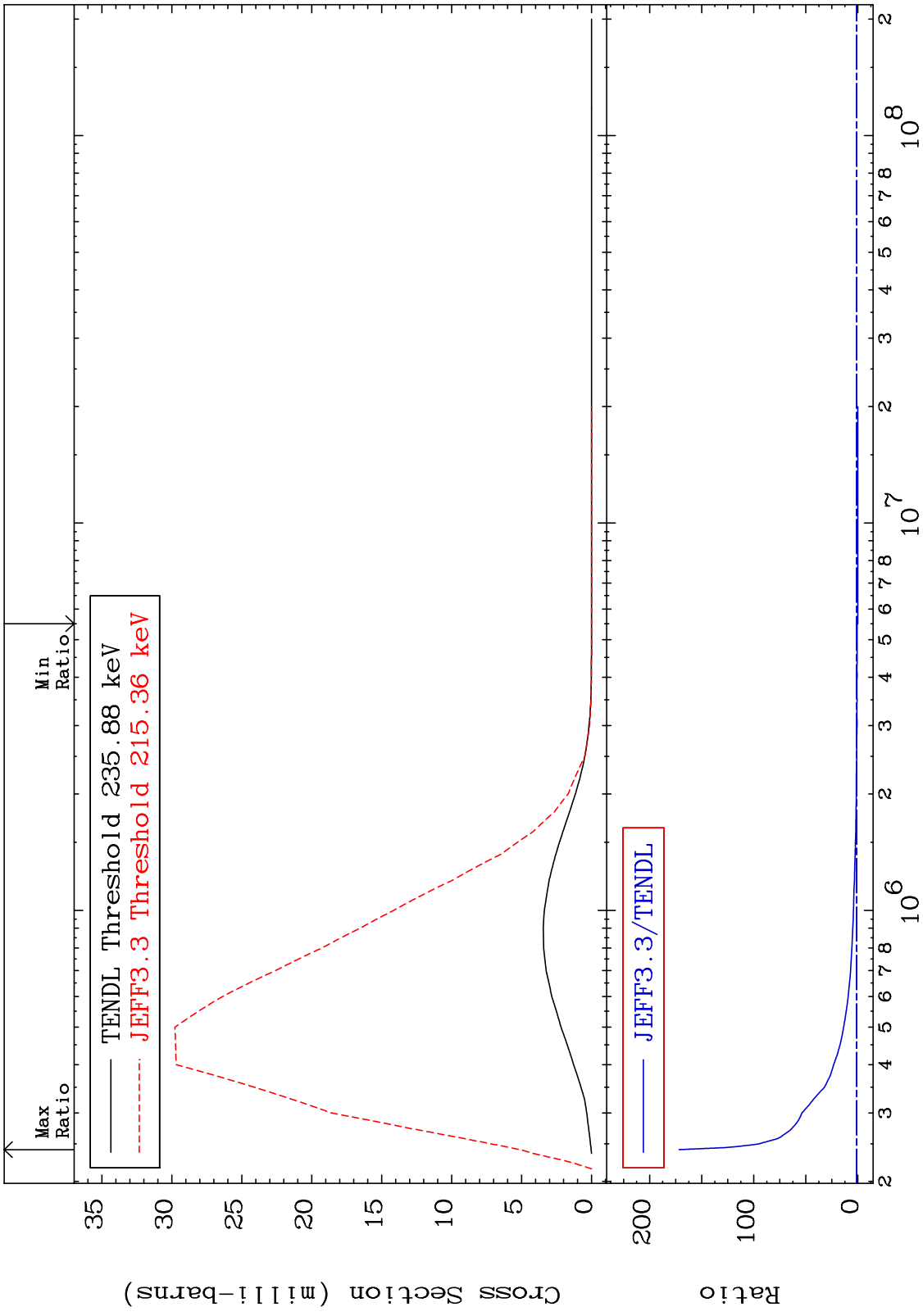


21 95-Am-242 Incident Energy (eV)

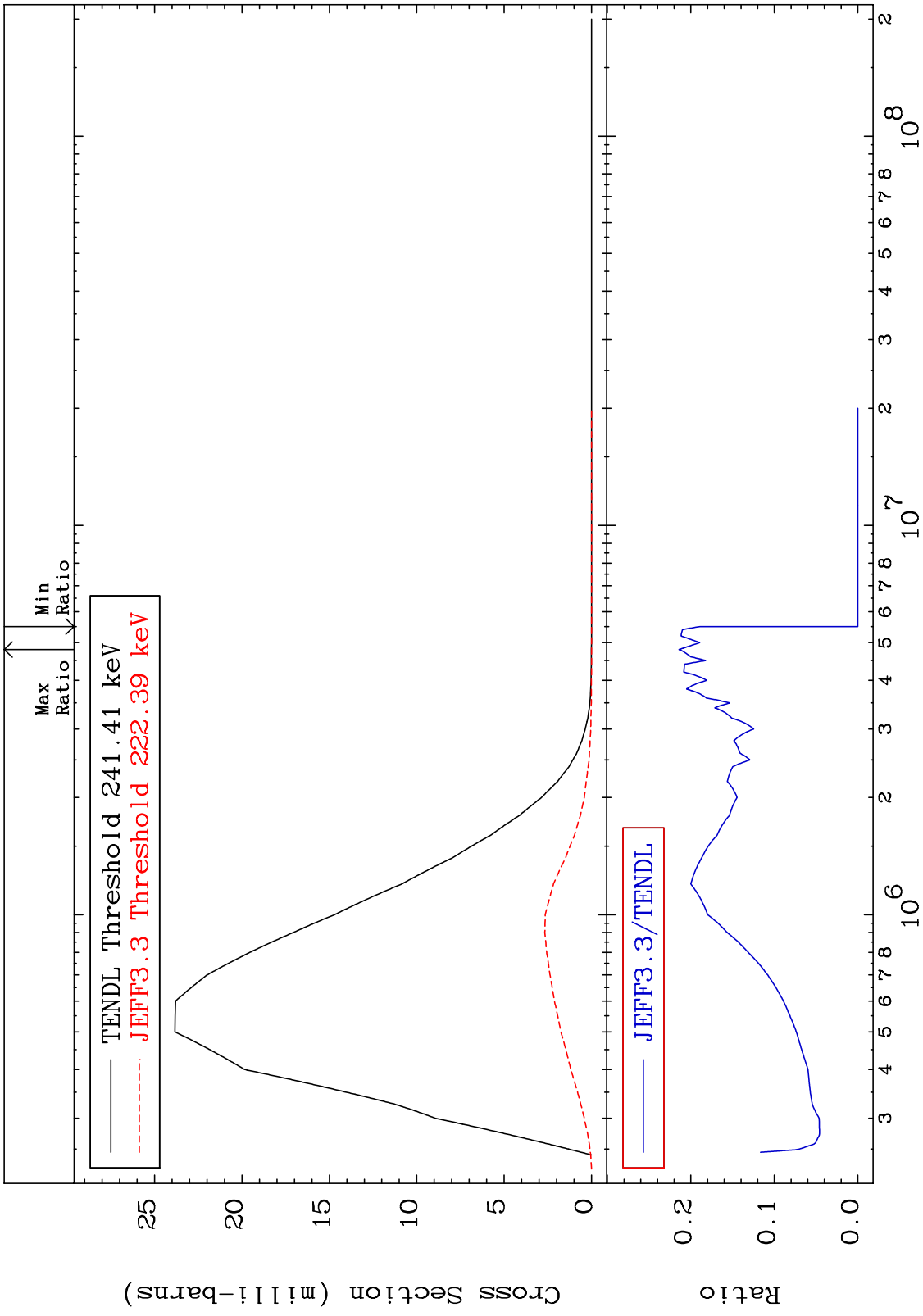
MAT 9547 MT= 66 (n,n') Level Cross Section 95-Am-242
 -100.0 To 9999. %



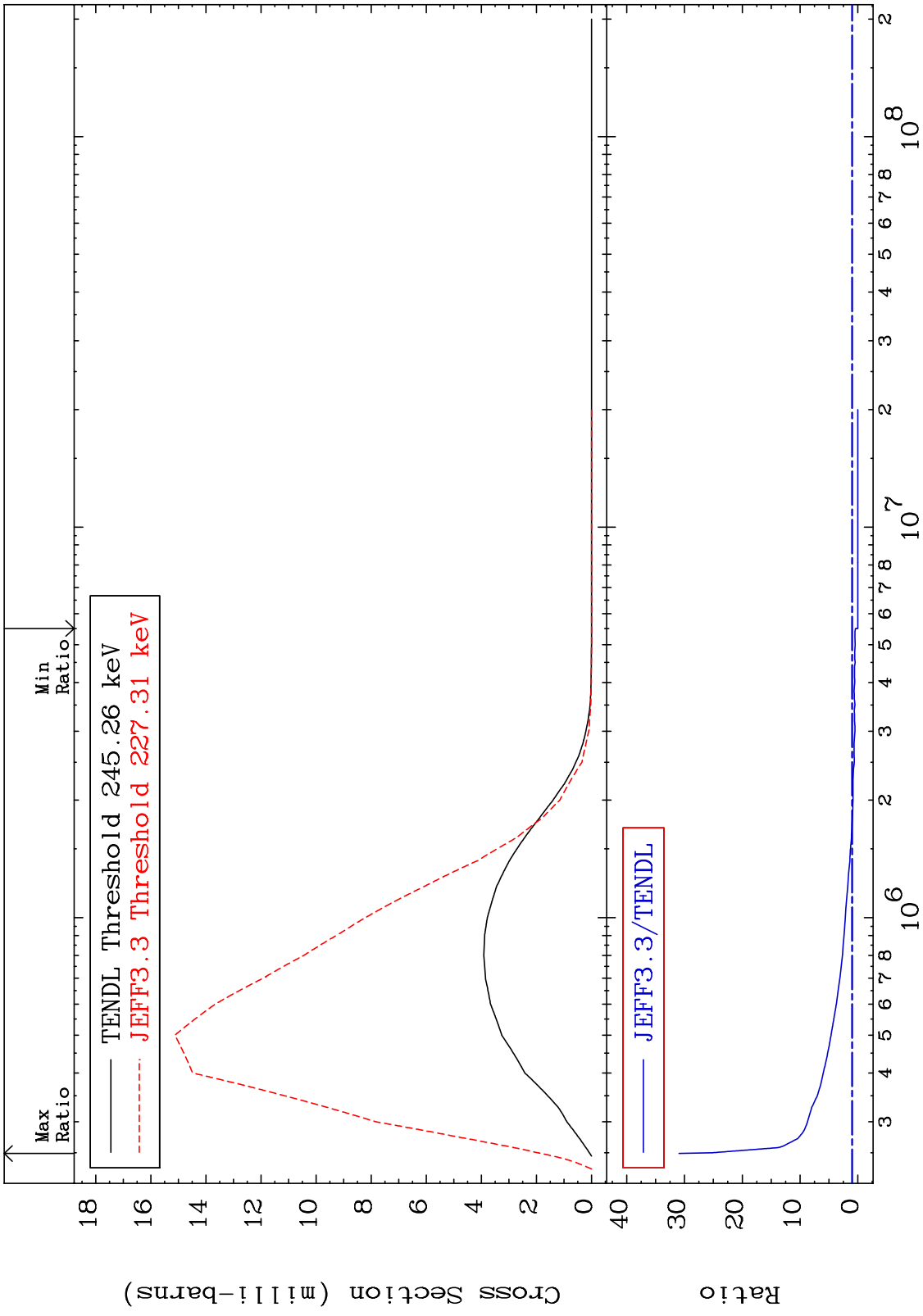
MAT 9547 MT= 67 (n,n') Level Cross Section 95-Am-242
 -100.0 To 9999. %



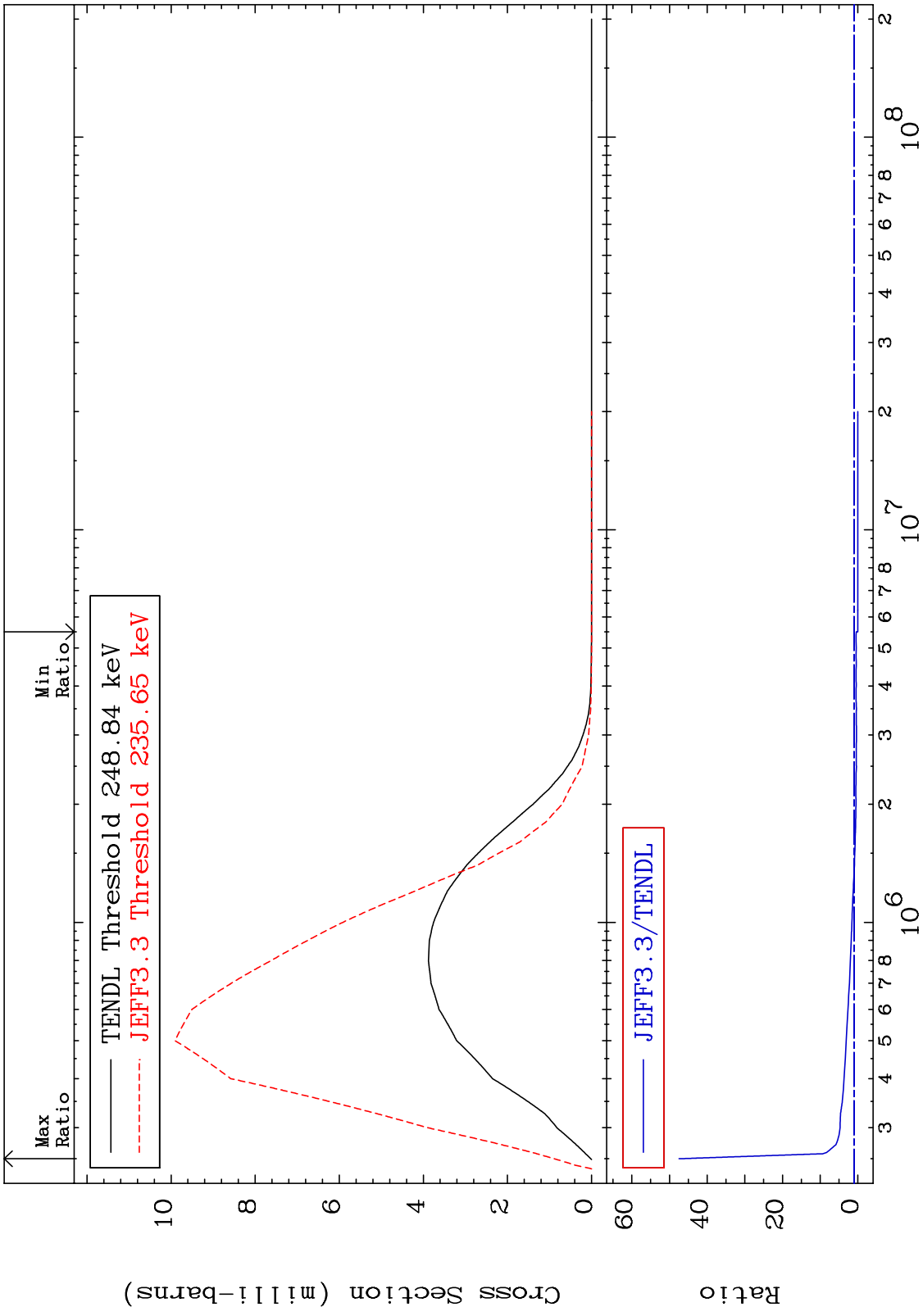
MAT 9547 MT= 68 (n,n') Level Cross Section 95-Am-242
 -100.0 To -78.59%



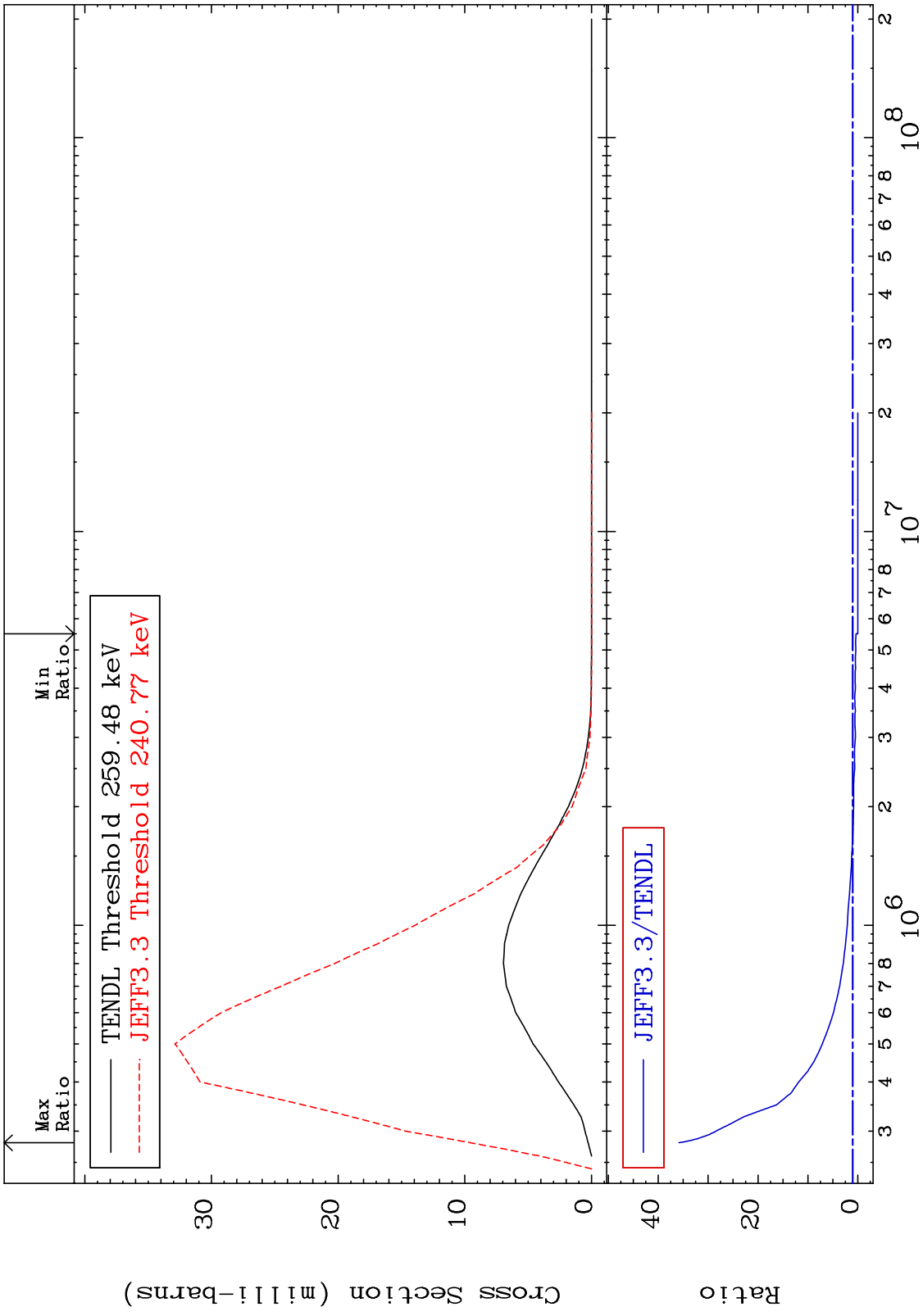
MAT 9547 MT= 69 (n,n') Level Cross Section 95-Am-242 -100.0 To 2994. %



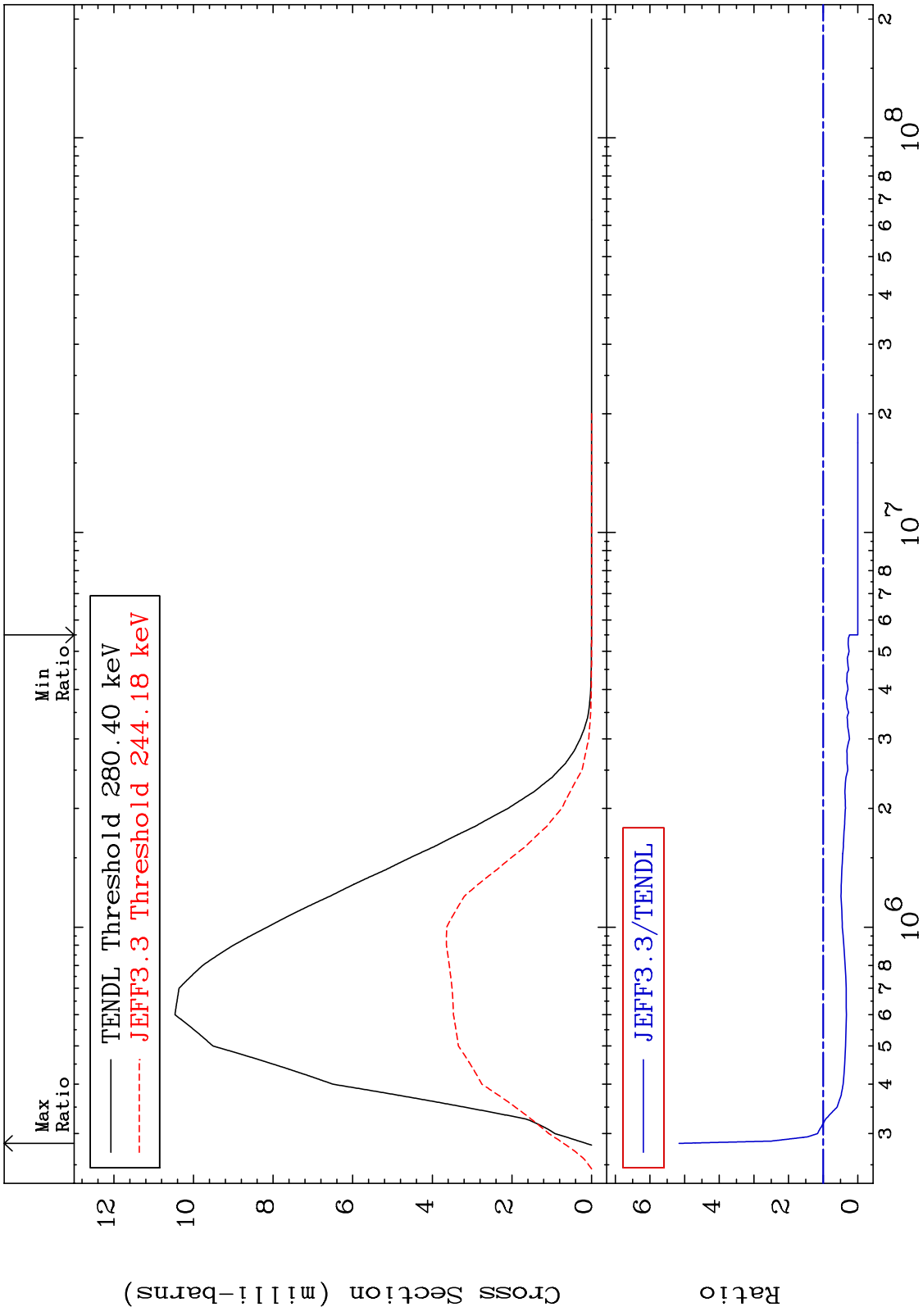
MAT 9547 MT= 70 (n,n') Level Cross Section 95-Am-242 -100.0 To 4646. %



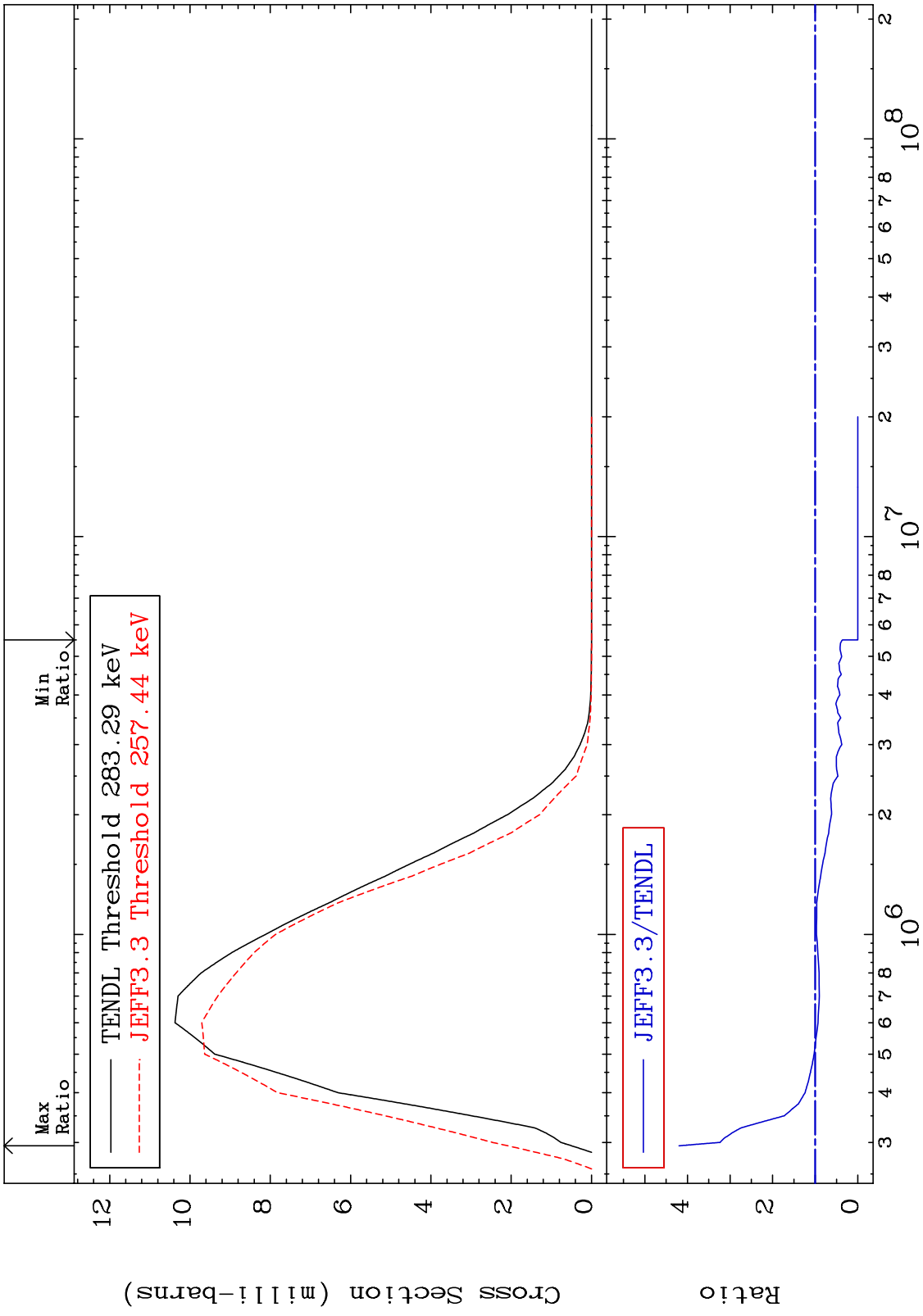
MAT 9547 MT= 71 (n,n') Level Cross Section 95-Am-242
 -100.0 To 3483. %



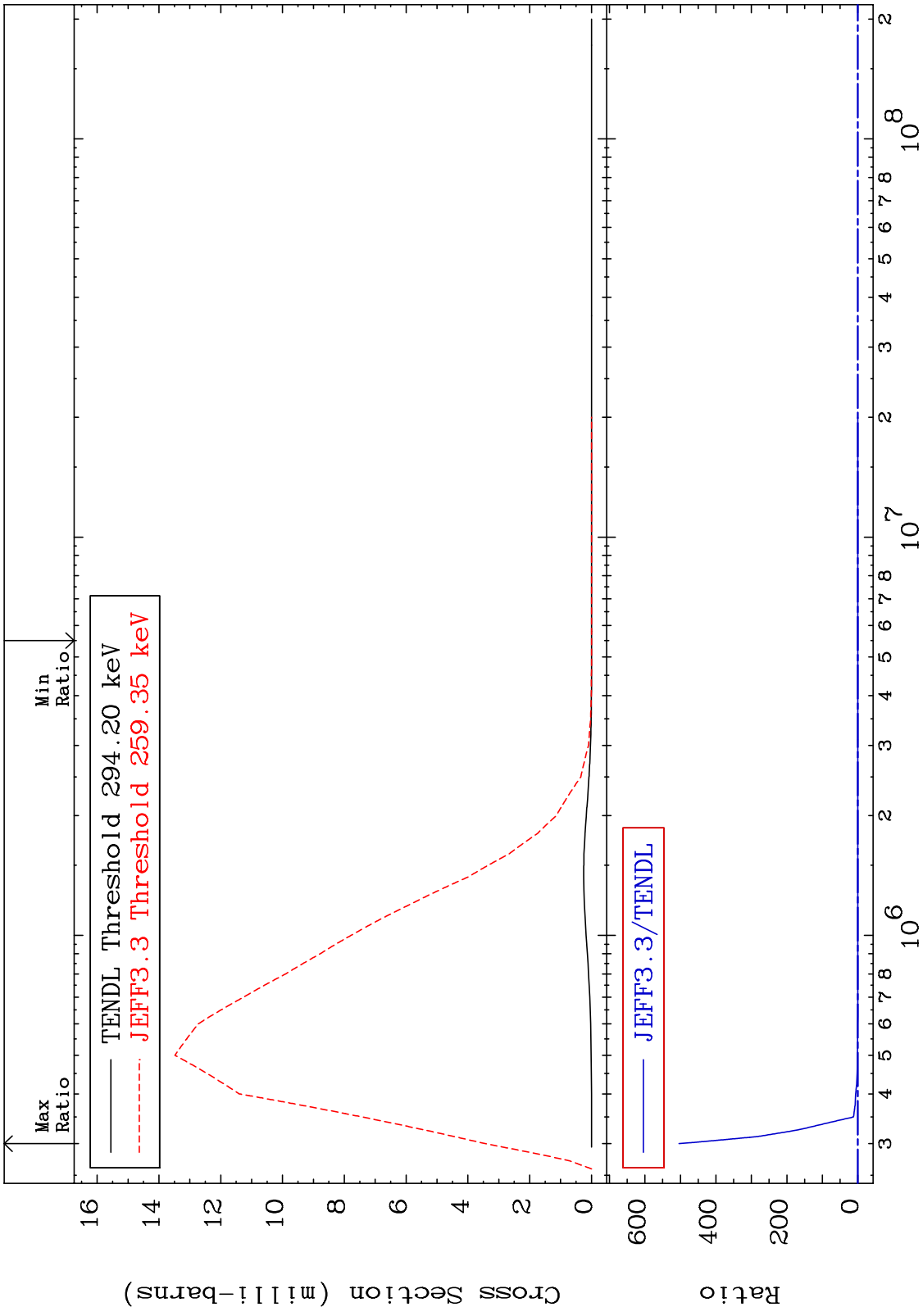
MAT 9547 MT= 72 (n,n') Level Cross Section -100.0 To 416.0 % 95-Am-242



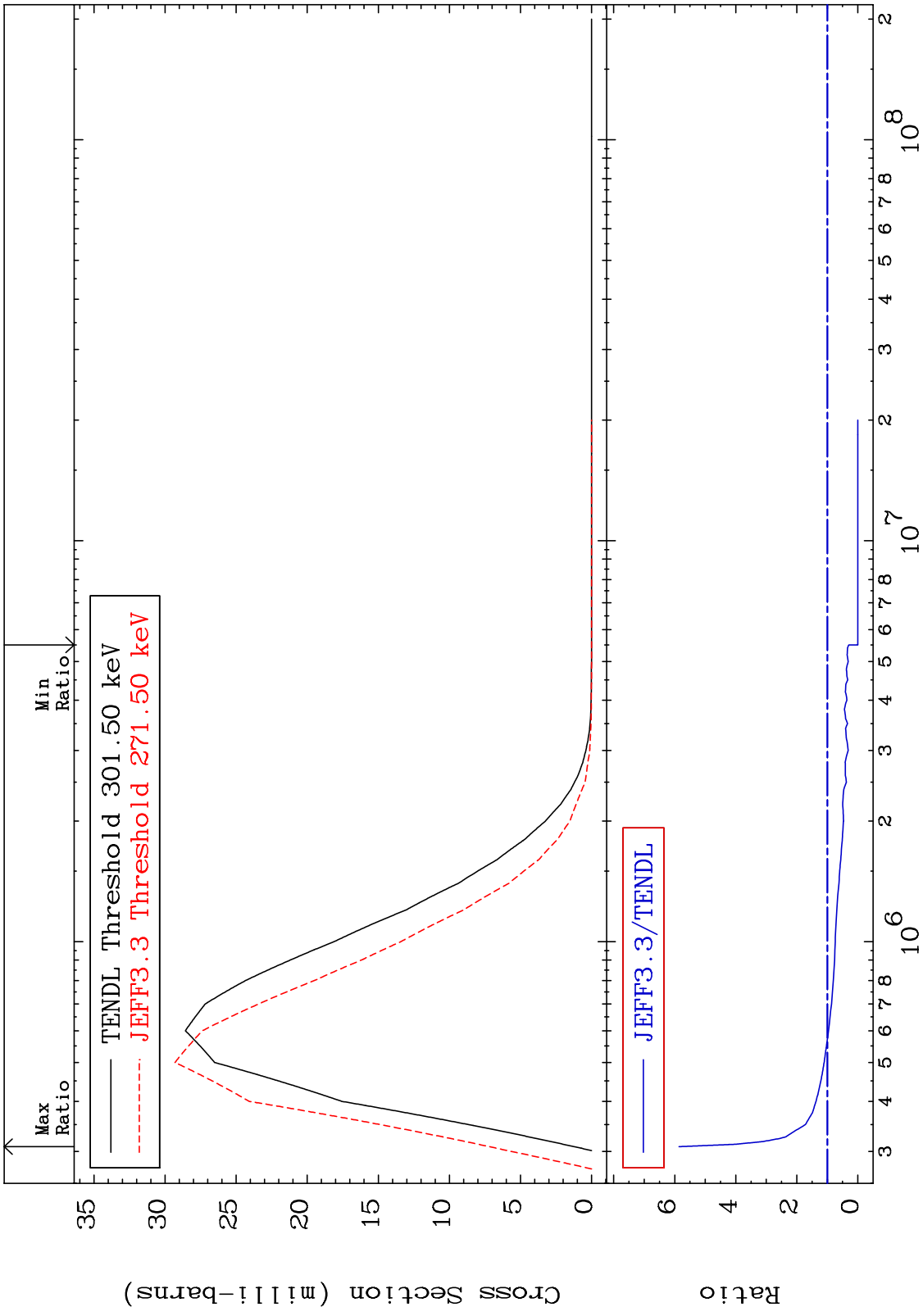
MAT 9547 MT= 73 (n,n') Level Cross Section 95-Am-242
 -100.0 To 319.7 %



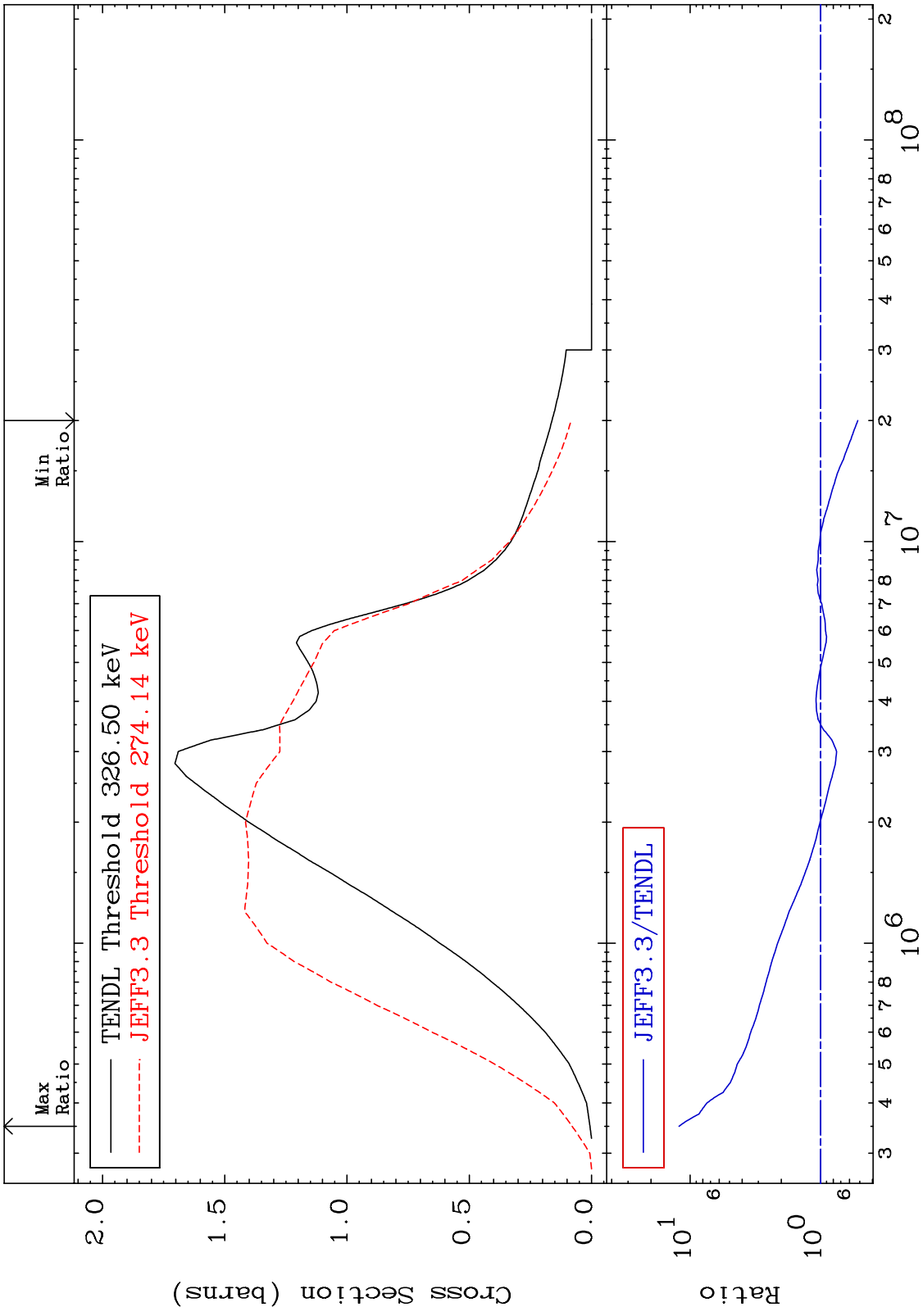
MAT 9547 MT= 74 (n,n') Level Cross Section 95-Am-242
 -100.0 To 9999. %



MAT 9547 MT= 75 (n,n') Level Cross Section 95-Am-242
 -100.0 To 485.9 %



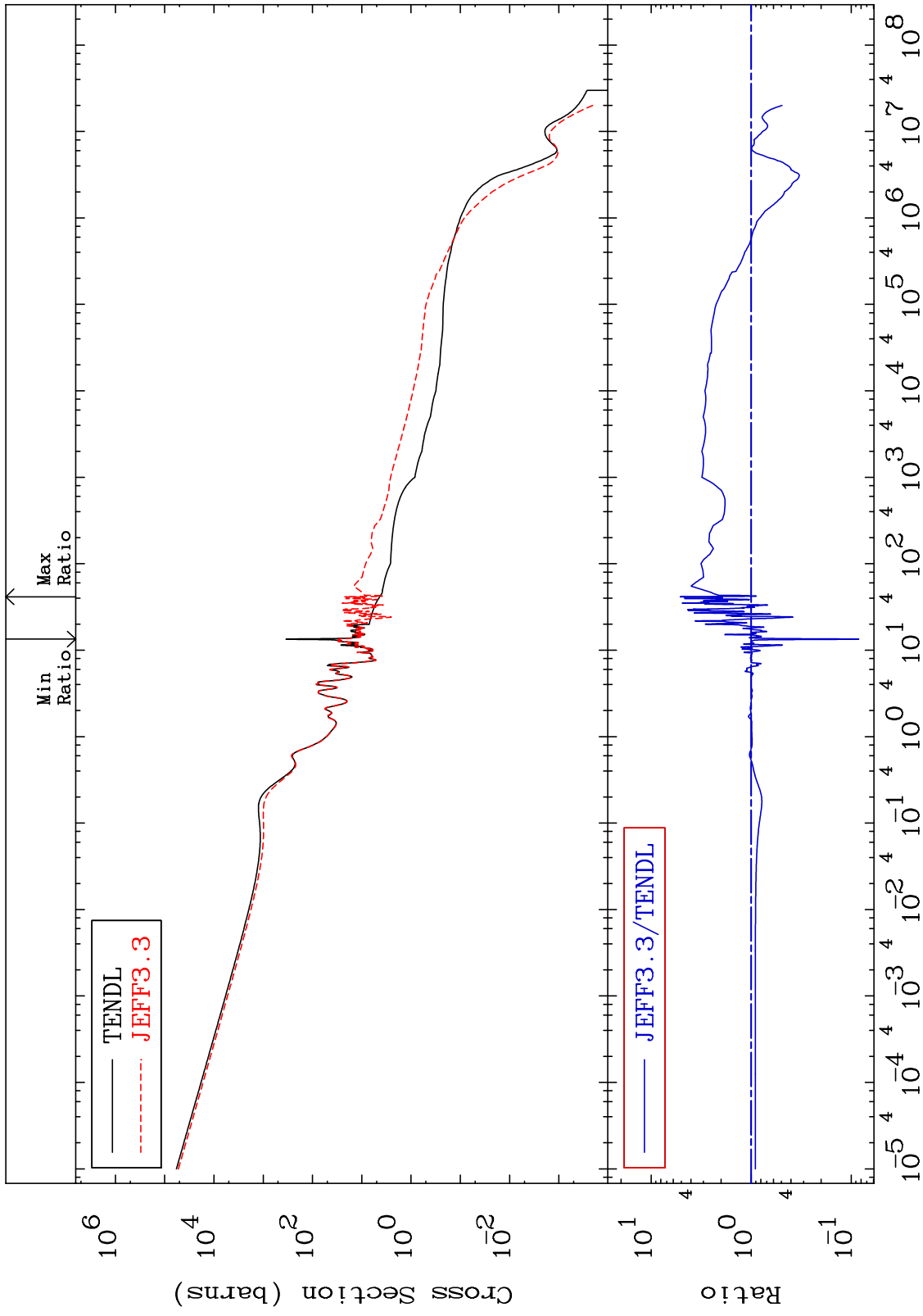
MAT 9547 (n,n') Continuum Cross Section 95-Am-242 -48.18 To 1118. %



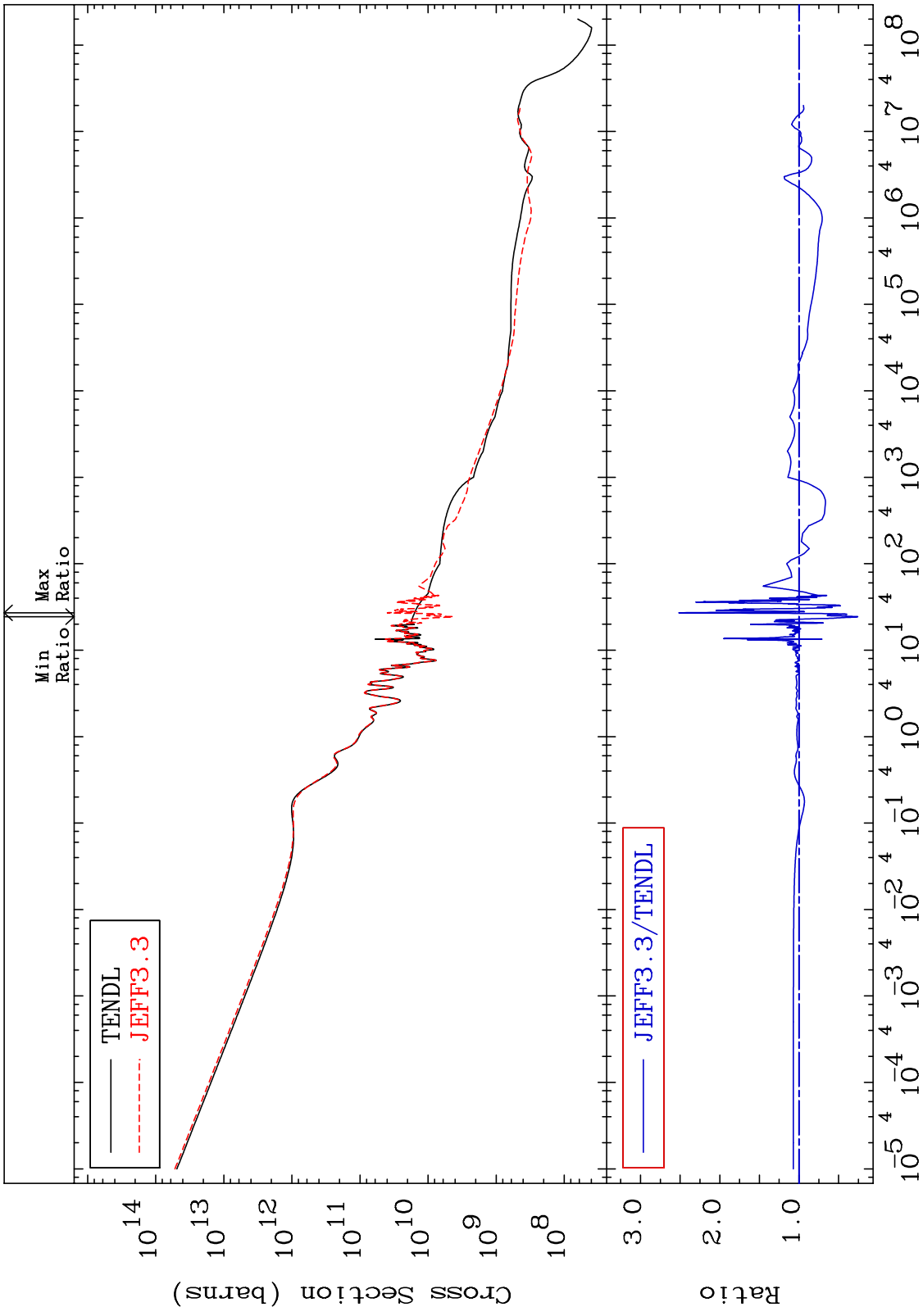
MAT 9547

(n, γ)
Cross Section

95-Am-242
-91.56 To 413.4 %



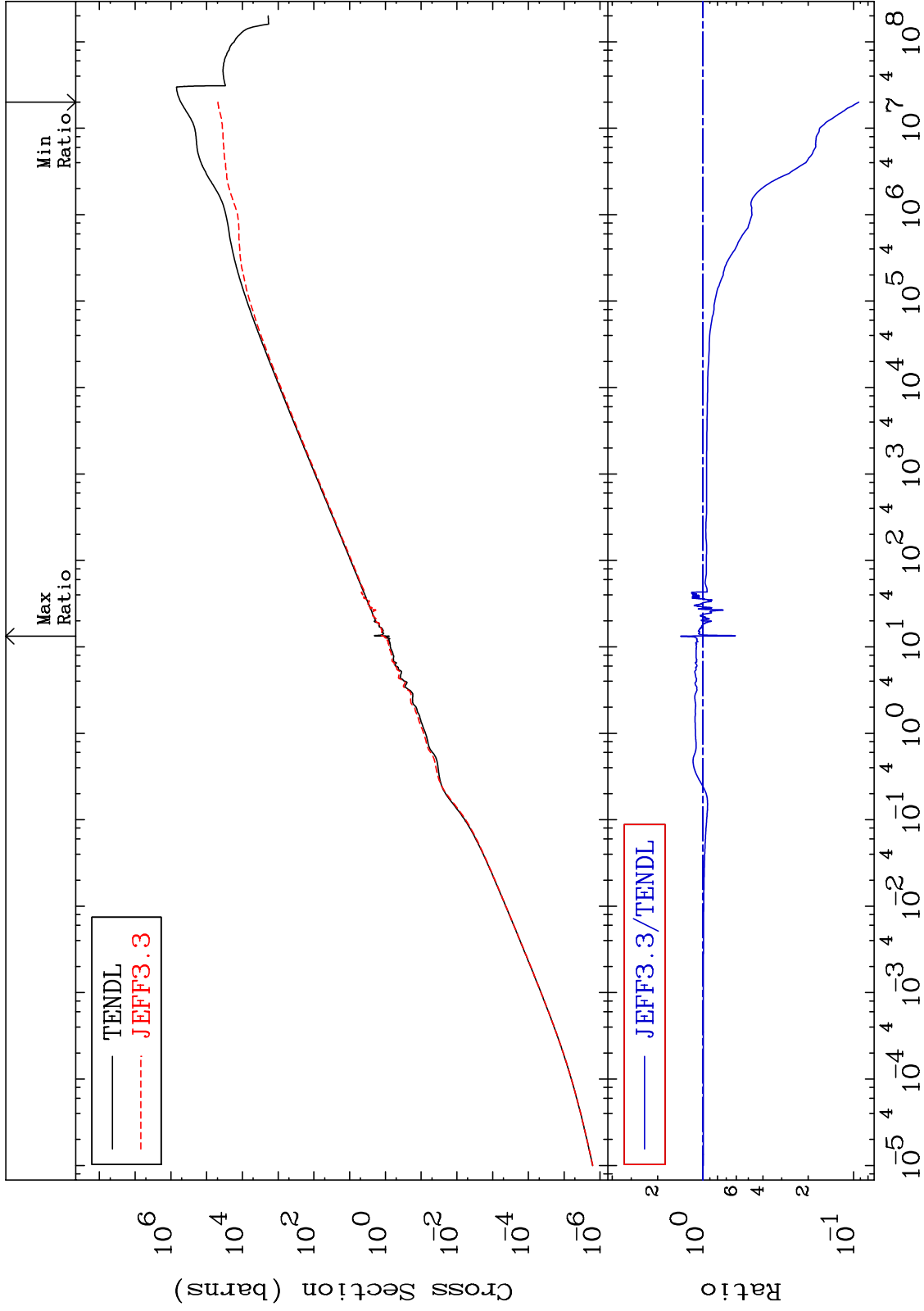
MAT 9547 Kerma total (eV-barns) 95-Am-242
Cross Section -74.29 To 151.4 %



MAT 9547

Kerma elastic
Cross Section

95-Am-242
-90.79 To 41.56 %



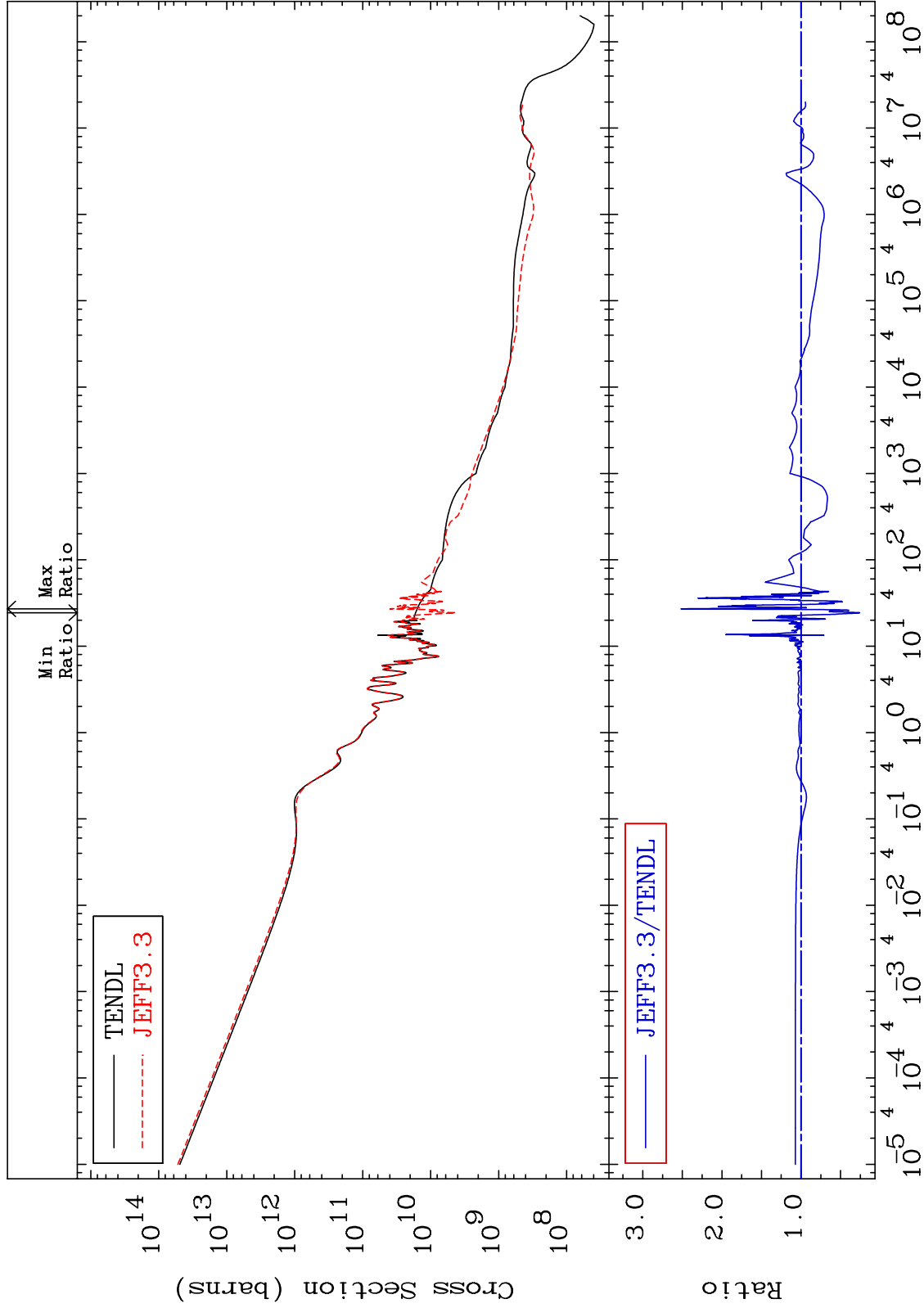
MAT 9547

Kerma non-elastic (all but mt2)

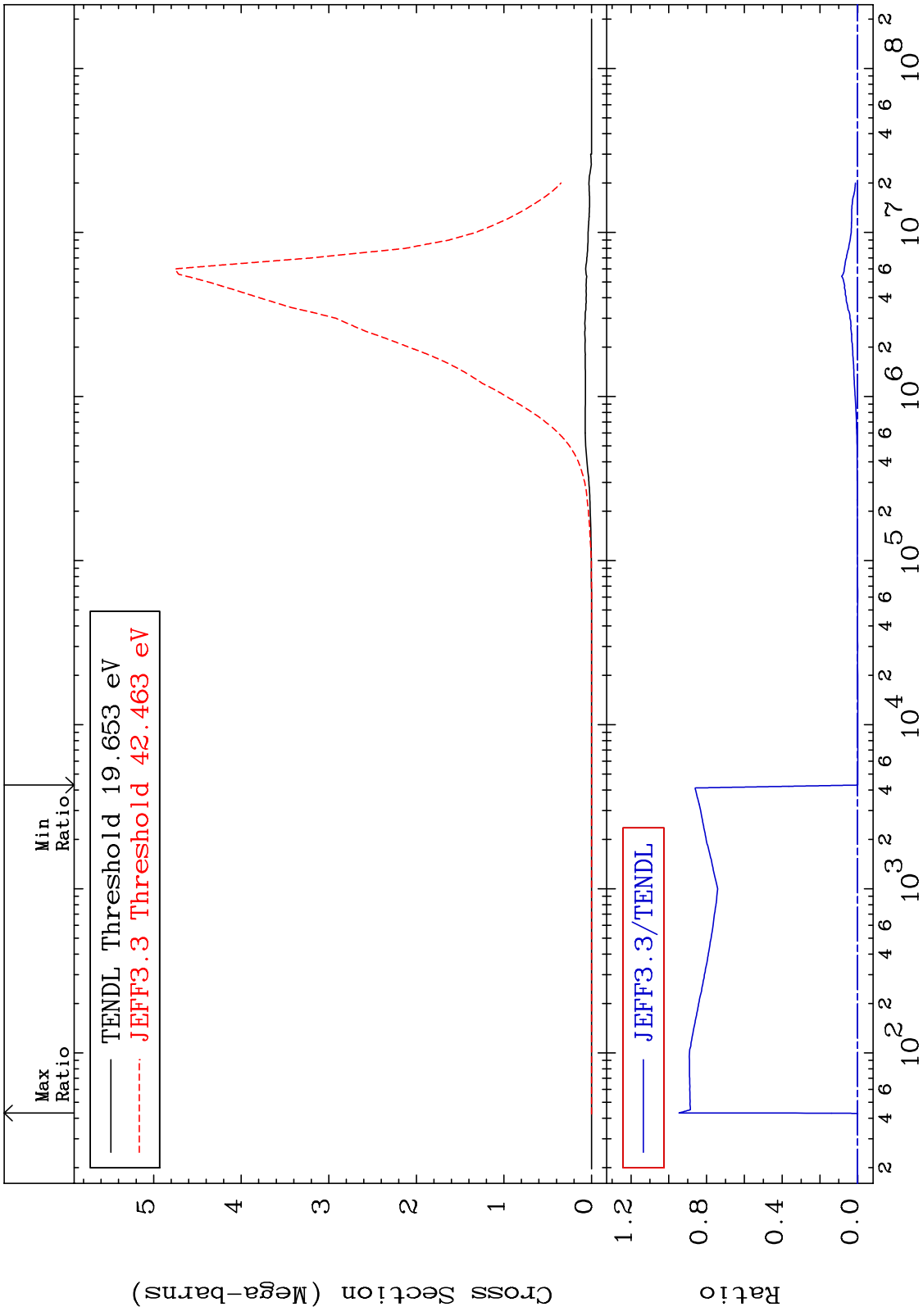
95-Am-242

-74.29 To 151.4 %

Cross Section



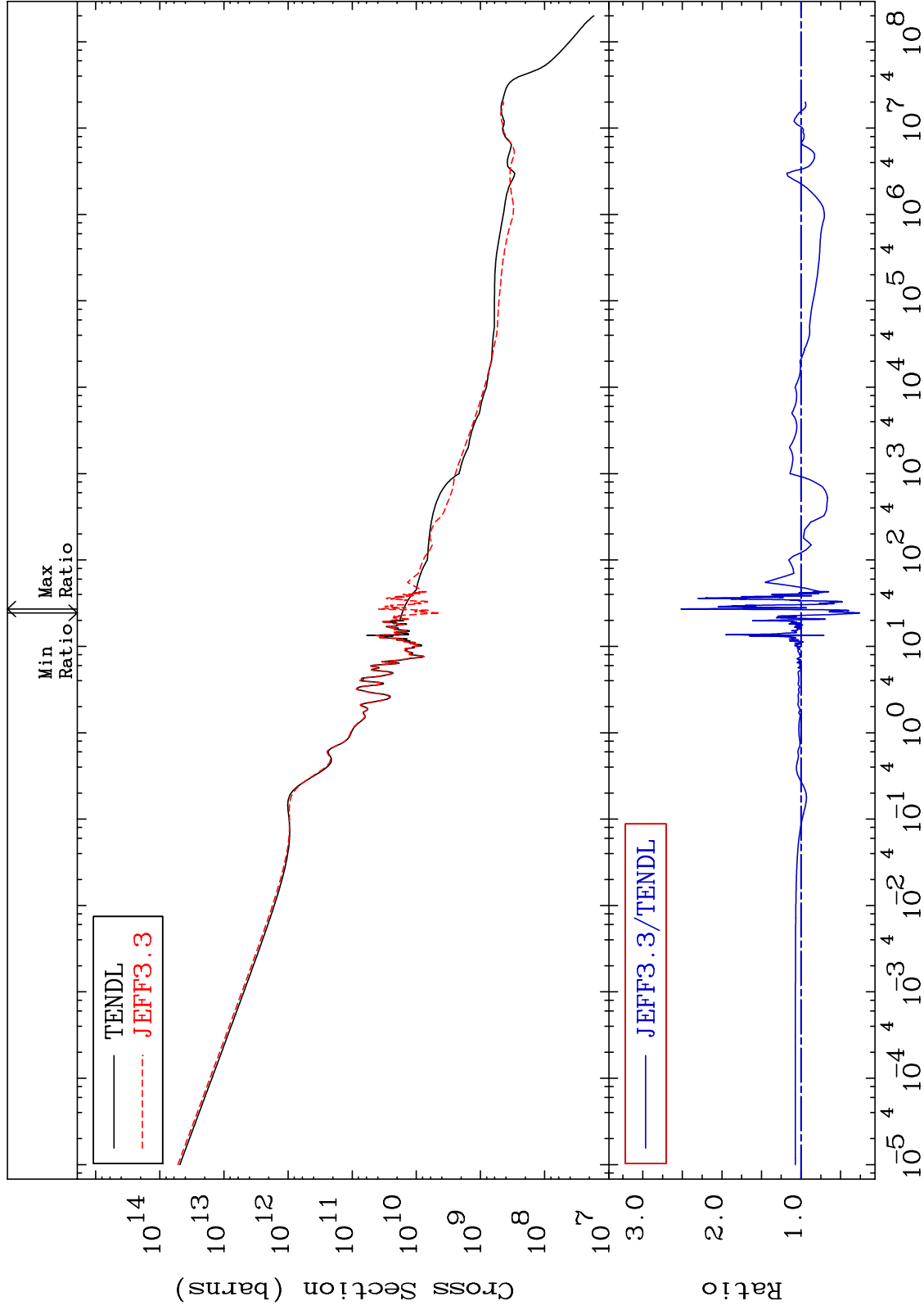
MAT 9547 Kerma inelastic (mt51-91) 95-Am-242
 Cross Section -148.3 To 9999. %



MAT 9547

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

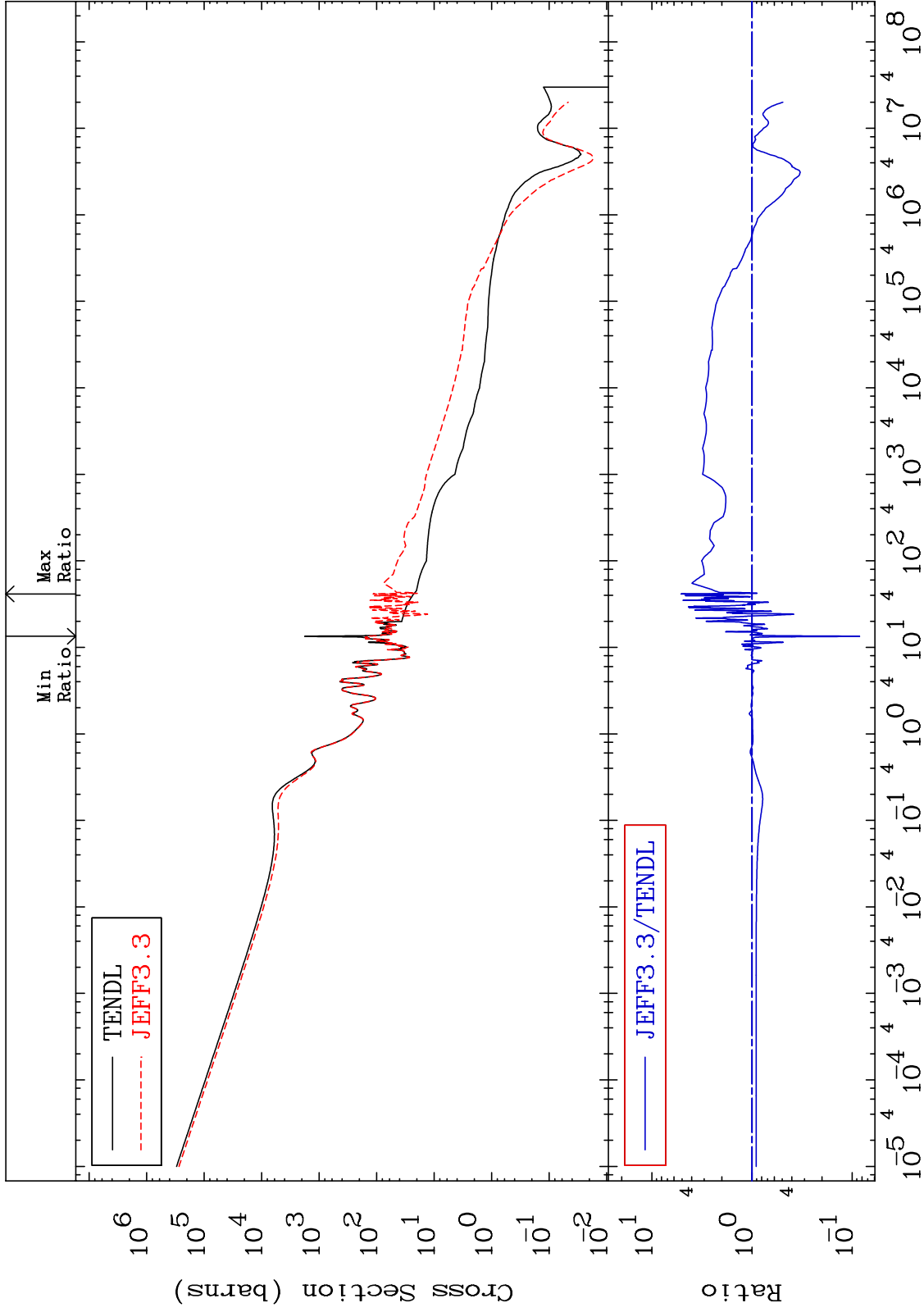
95-Am-242
-74.29 To 151.4 %



MAT 9547

Kerma capture (mt102)
Cross Section

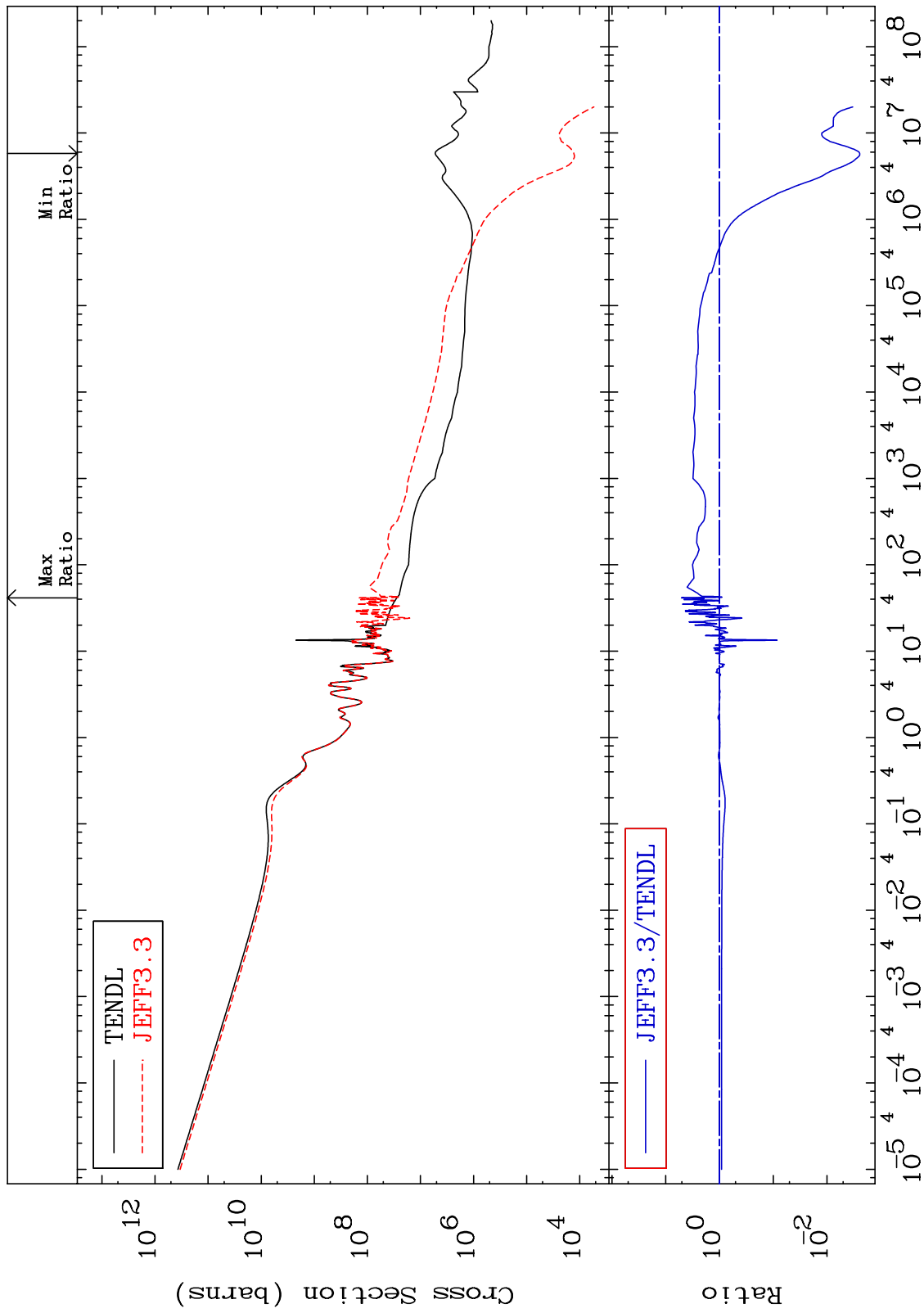
95-Am-242
-91.57 To 413.3 %



MAT 9547

Total photon (eV-barns)
Cross Section

95-Am-242
-99.76 To 413.5 %

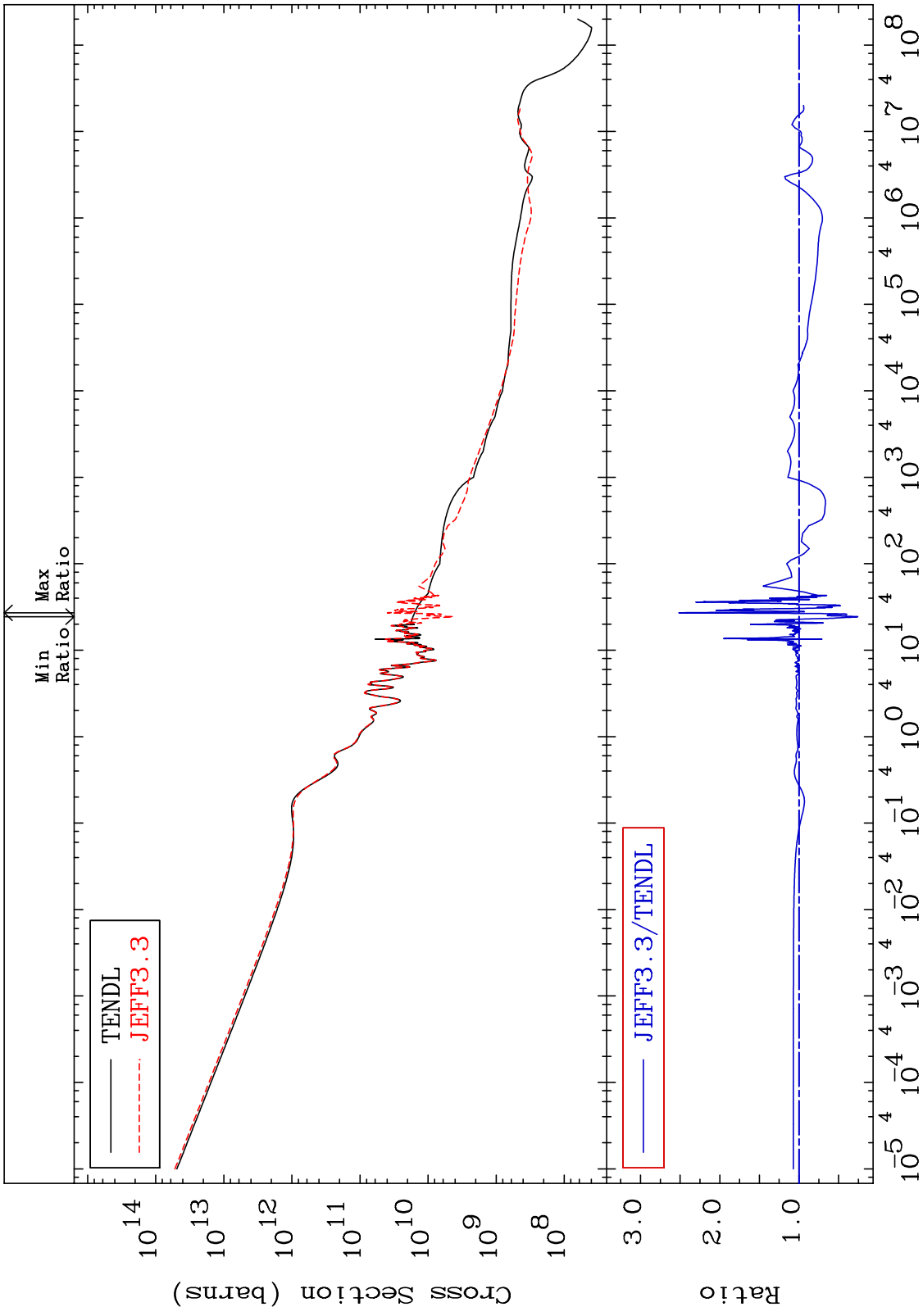


40

Incident Energy (eV)

95-Am-242

MAT 9547 Total kinematic kerma (high limit) 95-Am-242
Cross Section -74.29 To 151.4 %

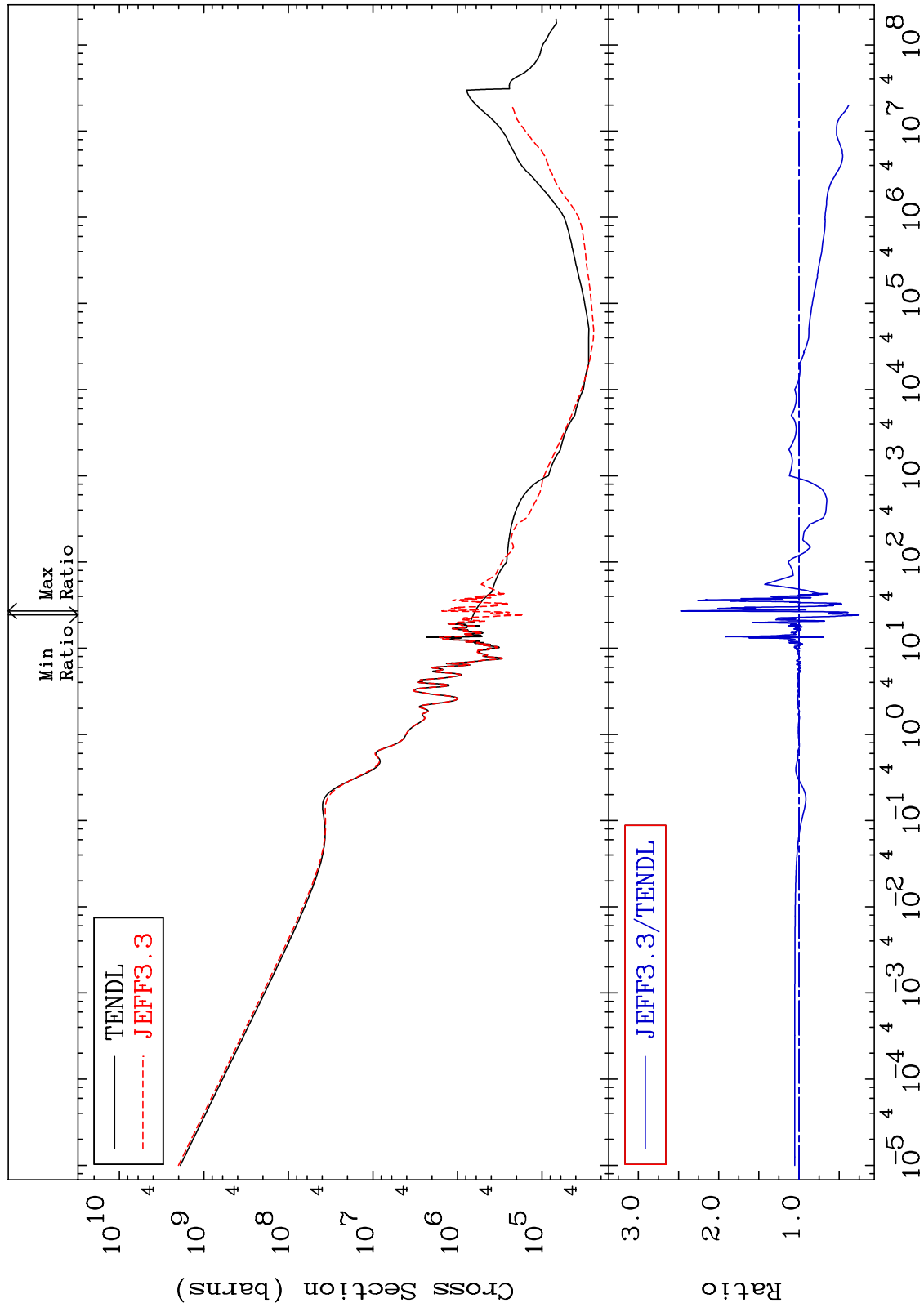


MAT 9547

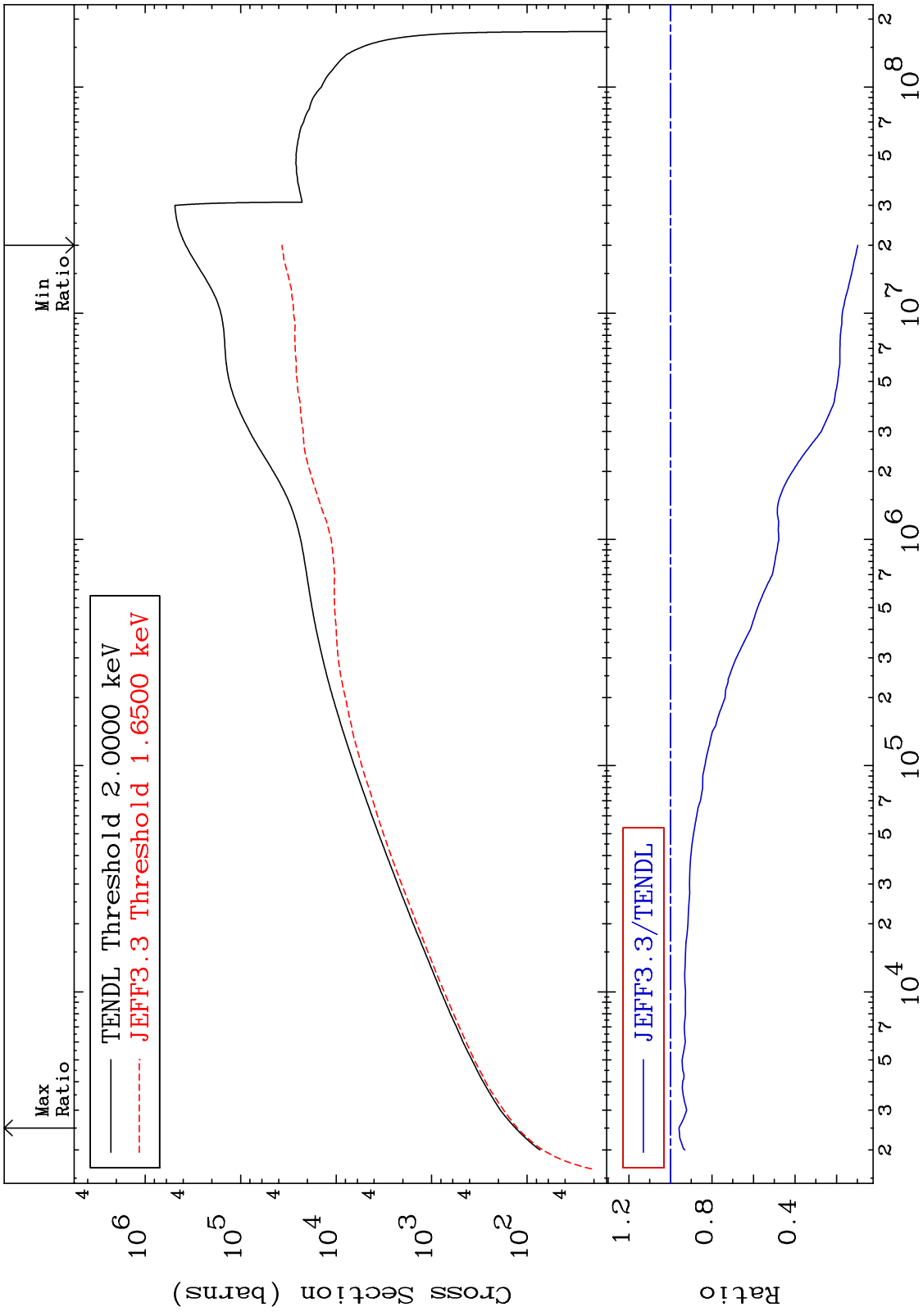
Dpa total (eV-barns)

95-Am-242

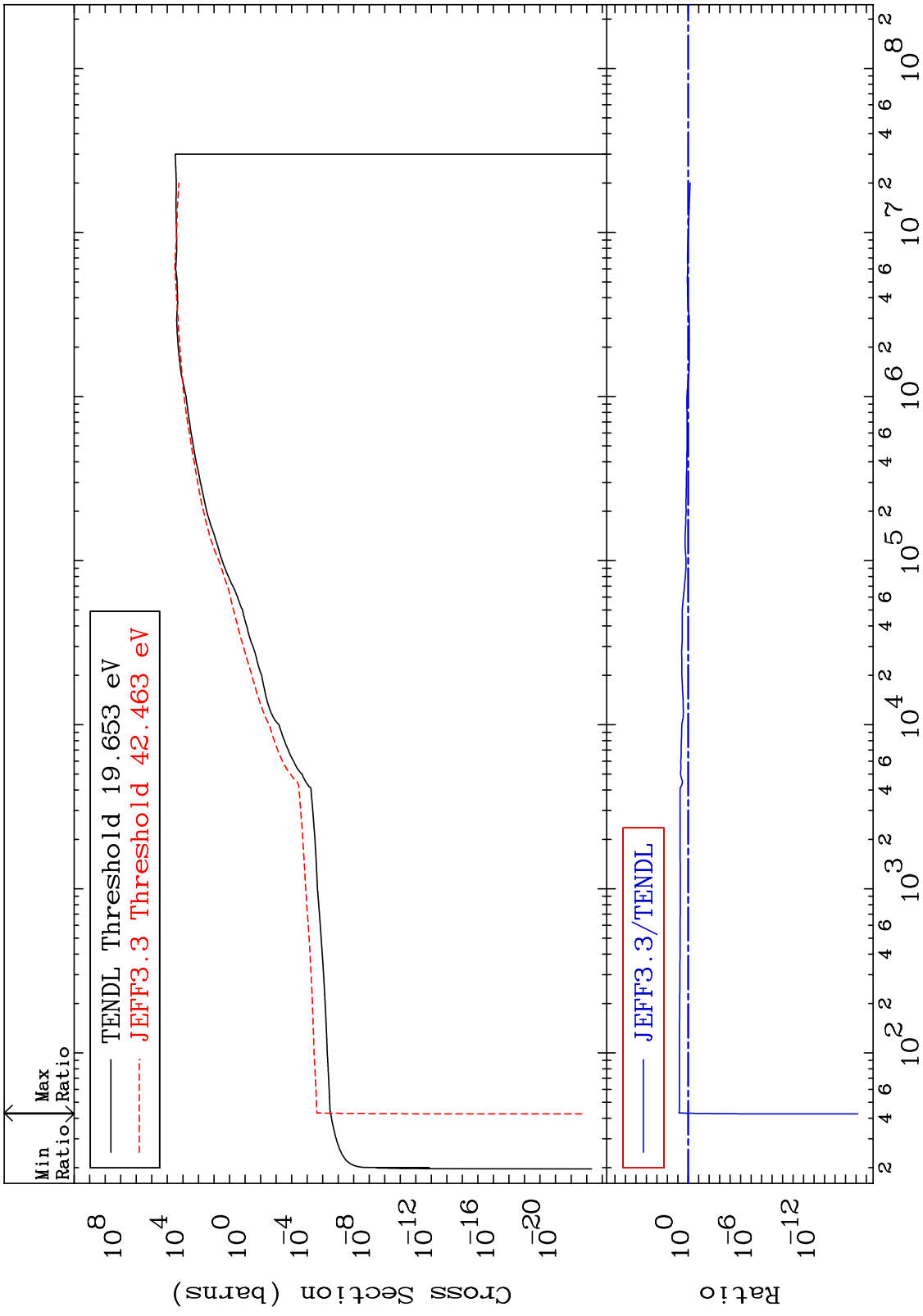
-74.73 To 147.1 %



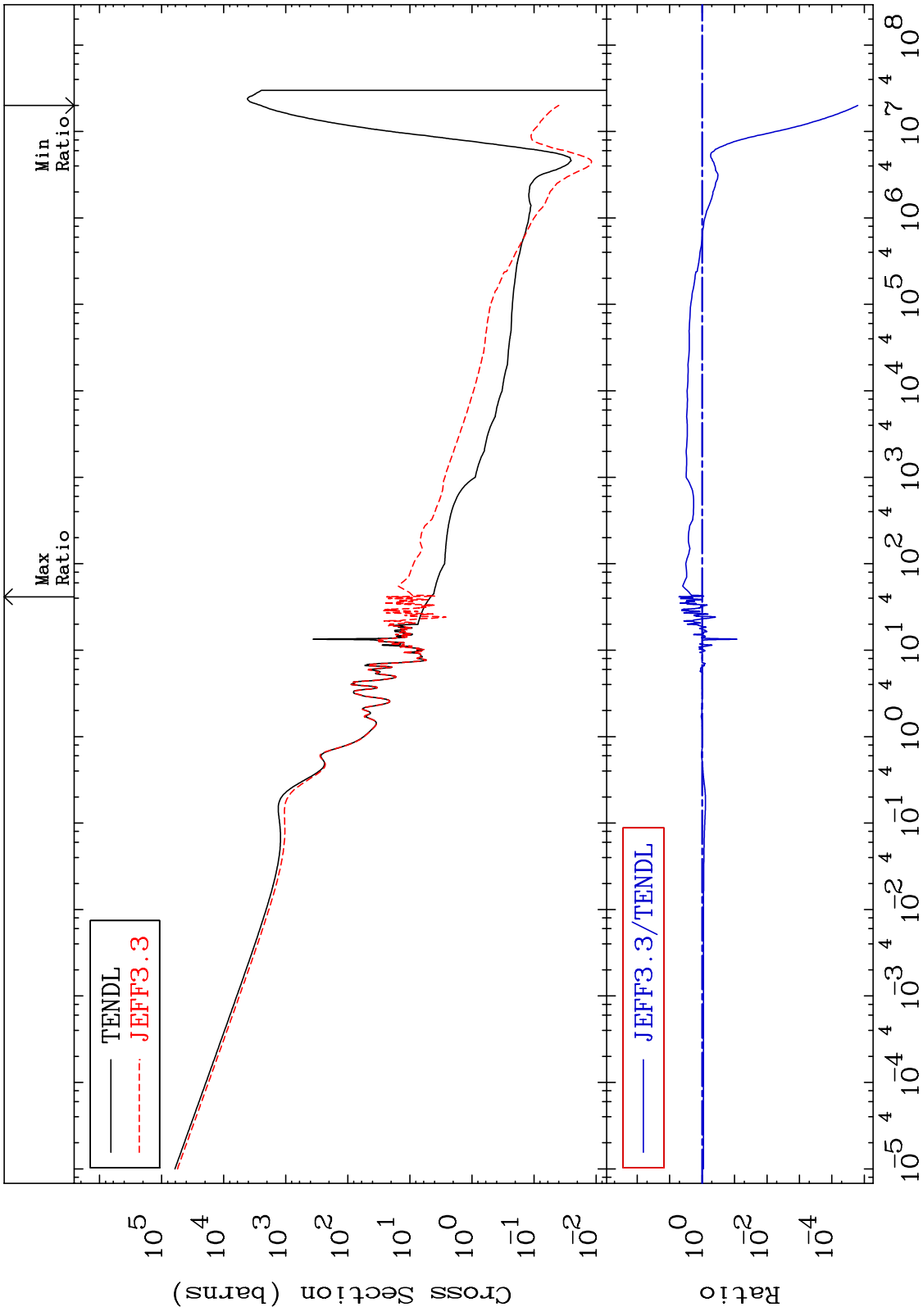
MAT 9547 95-Am-242
 Dpa elastic (mt2) -90.20 To -4.099%
 Cross Section



MAT 9547 Dpa inelastic (mt51-91) 95-Am-242
 Cross Section -100.0 To 658.3 %



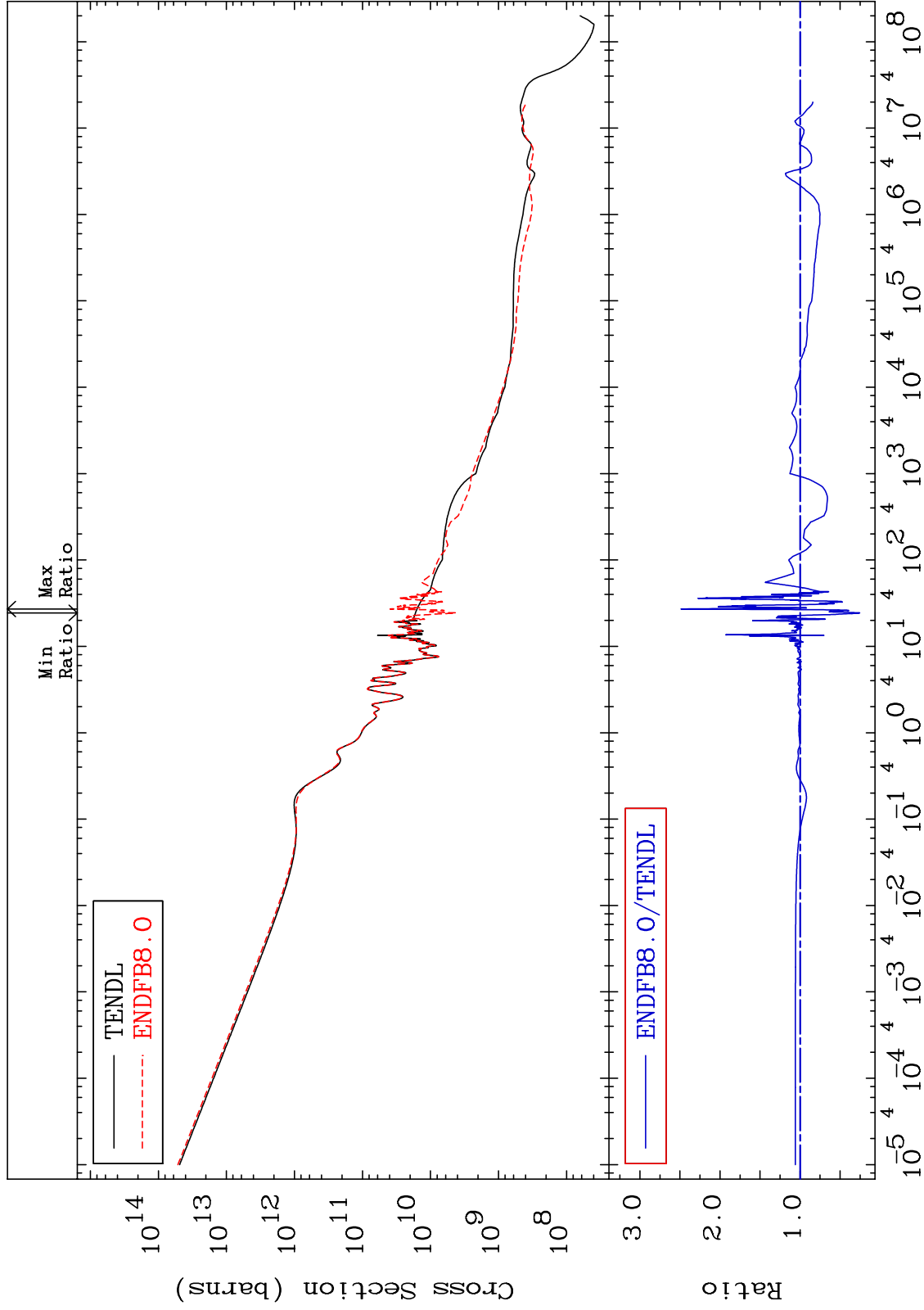
MAT 9547 Dpa disappearance (mt102 -120) 95-Am-242
 Cross Section -100.0 To 413.0 %



MAT 9547

Total kinematic kerma (high limit)
Cross Section

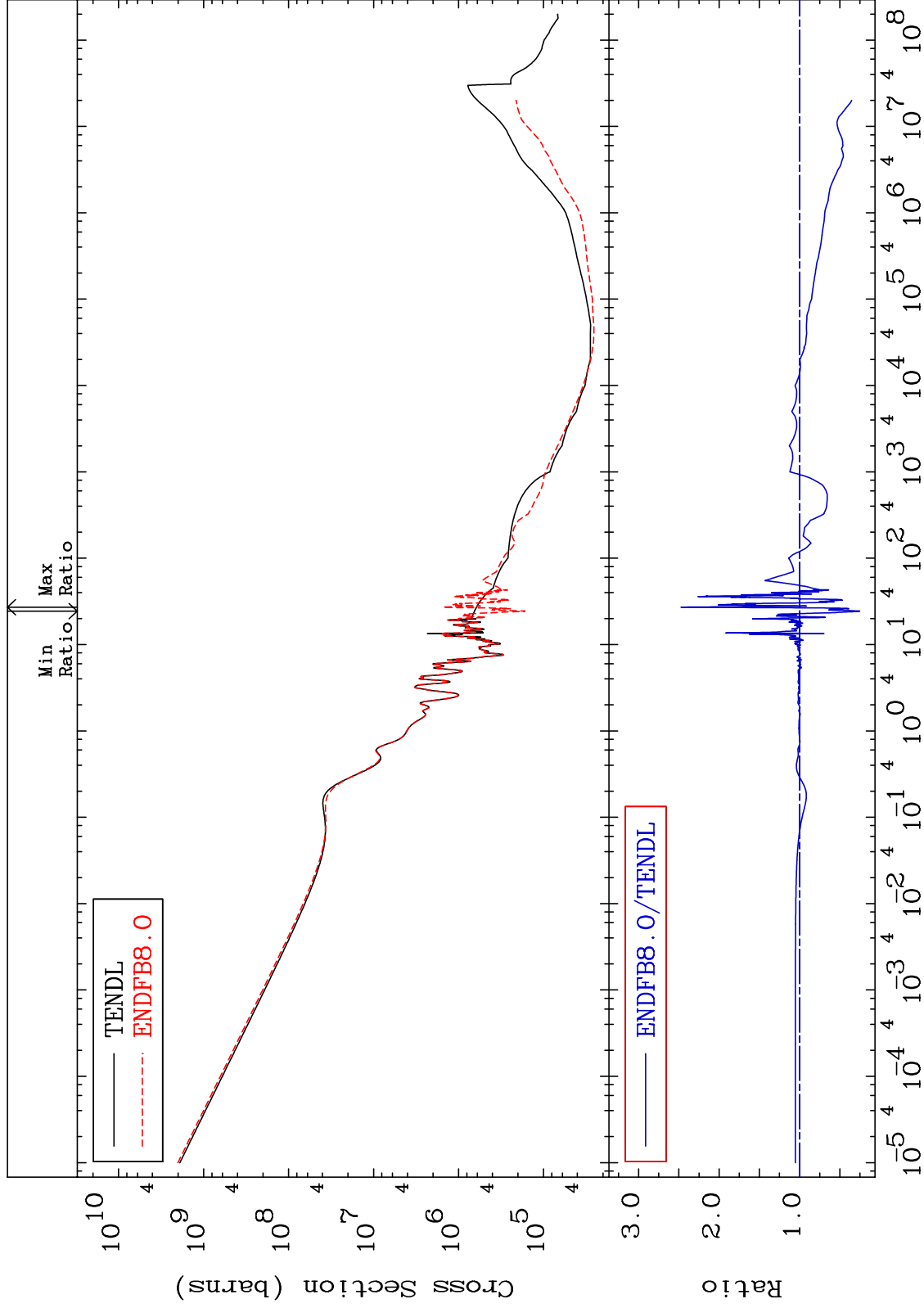
95-Am-242
-74.60 To 148.4 %



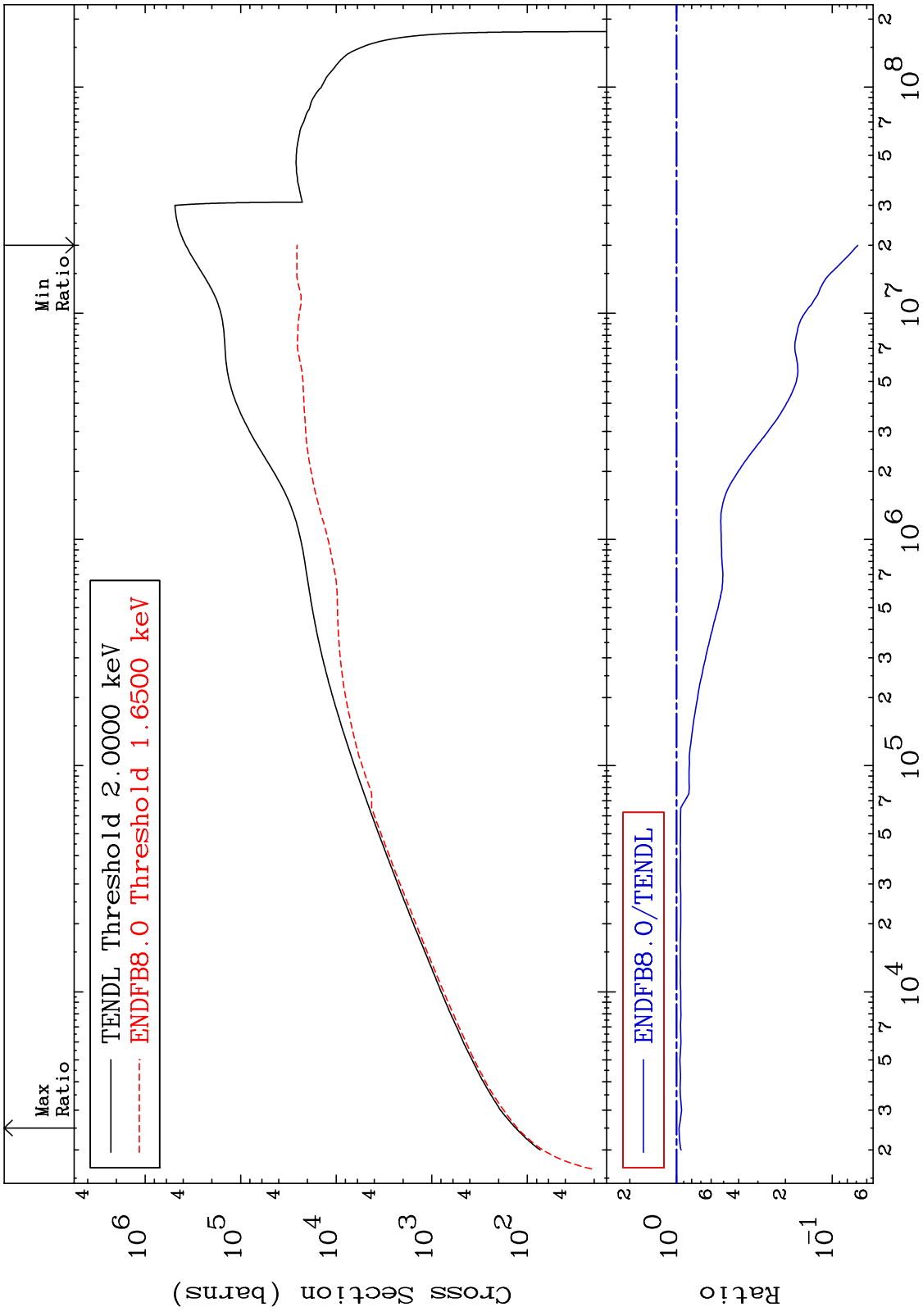
MAT 9547

Dpa total (eV-barns)
Cross Section

95-Am-242
-74.73 To 147.1 %



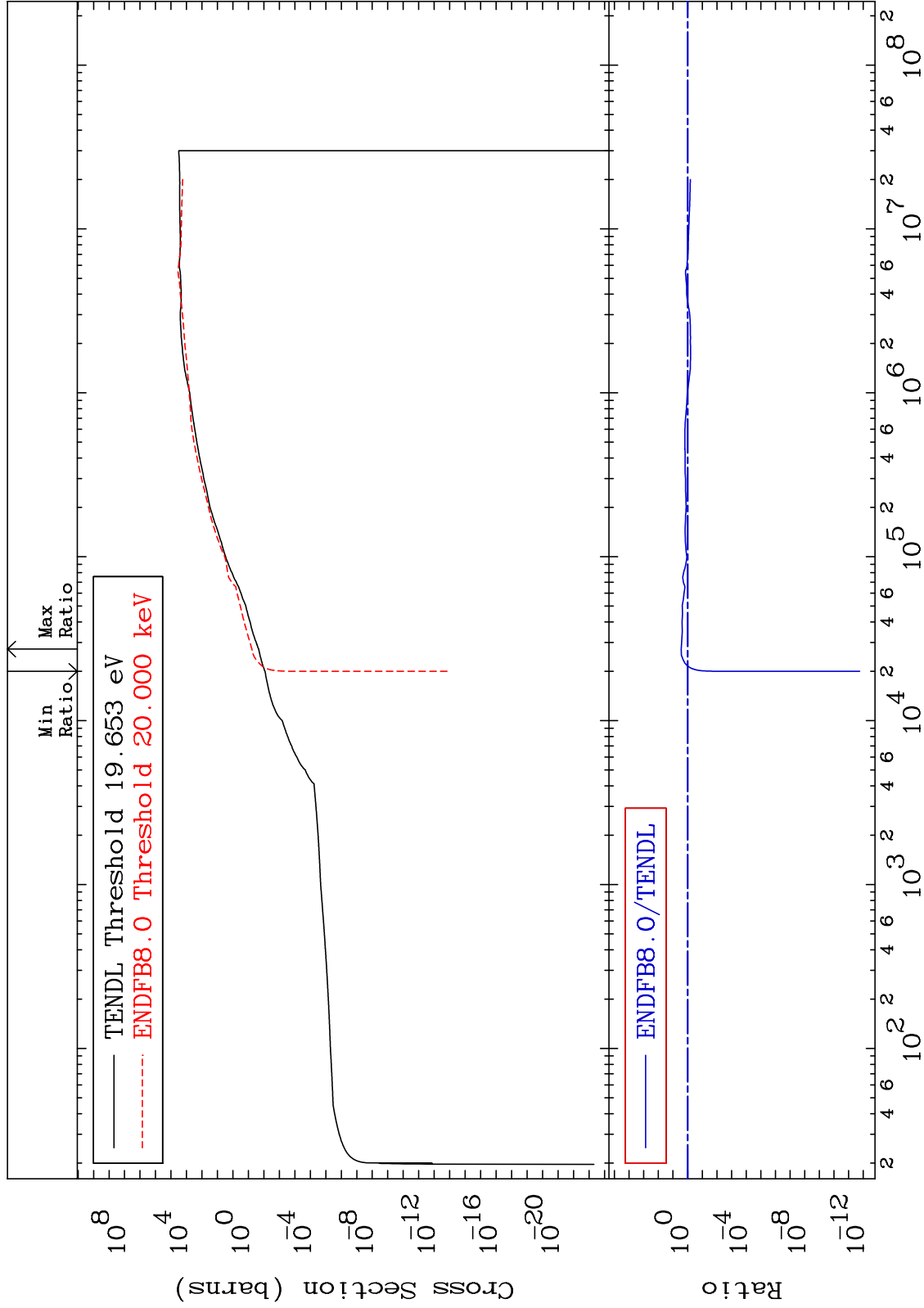
MAT 9547 95-Am-242
 Dpa elastic (mt2) -93.16 To -3.499%
 Cross Section



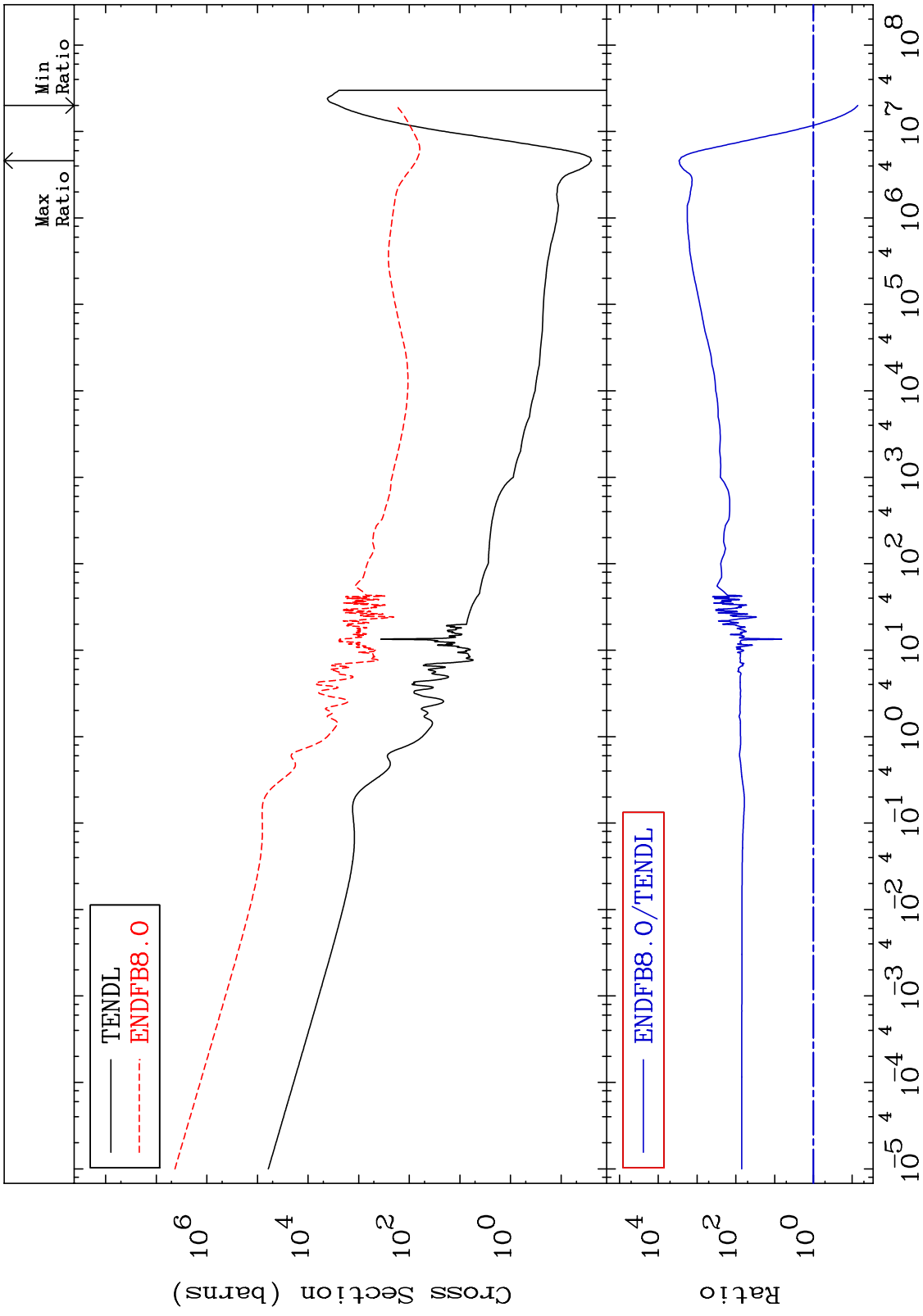
MAT 9547

Dpa inelastic (mt51-91)
Cross Section

95-Am-242
-100.0 To 172.7 %



MAT 9547 Dpa disappearance (mt102 -120) 95-Am-242
 Cross Section -92.84 To 9999. %



50 Incident Energy (eV) 95-Am-242