

Program Complot
(Version 2018-1)

by

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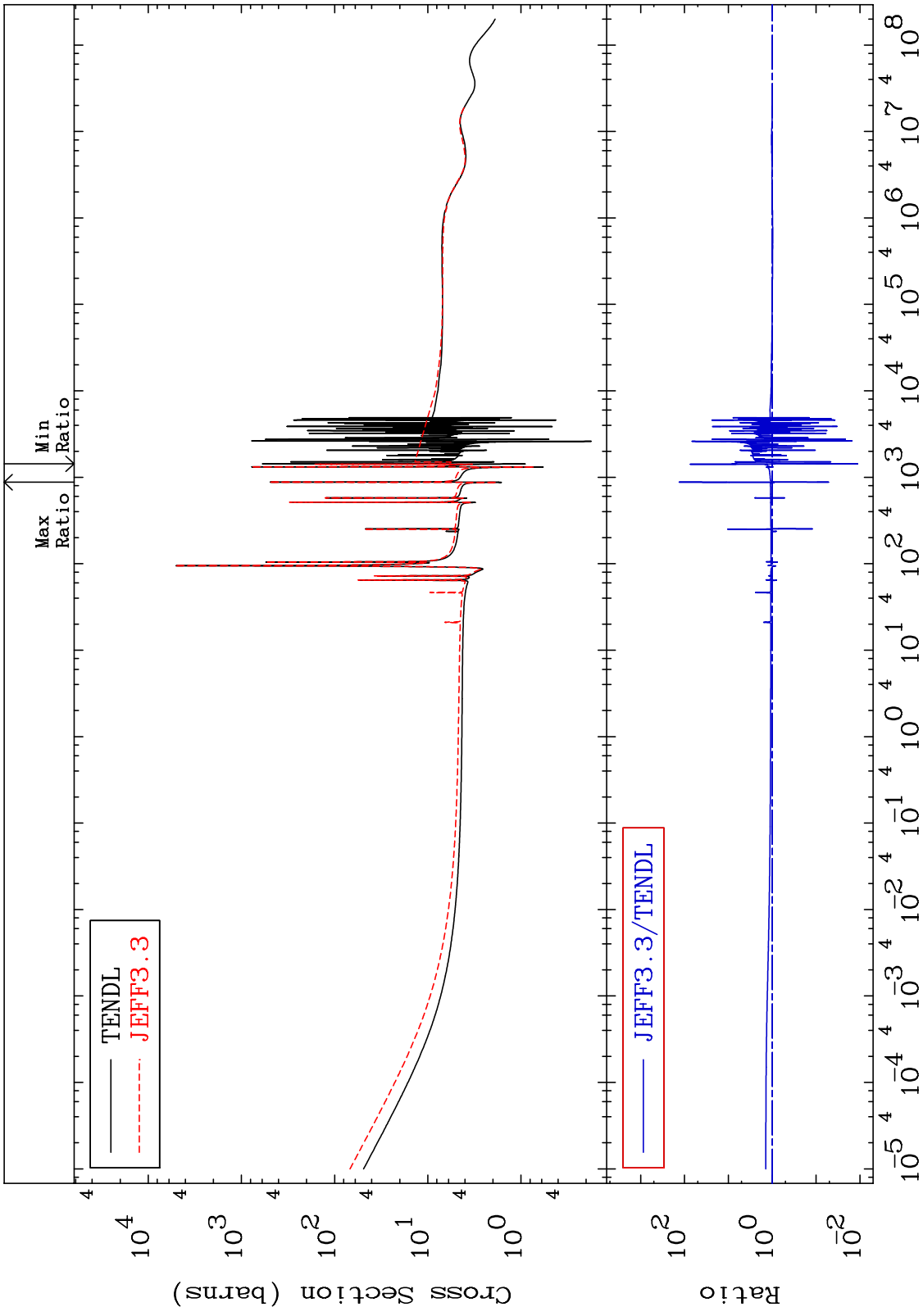
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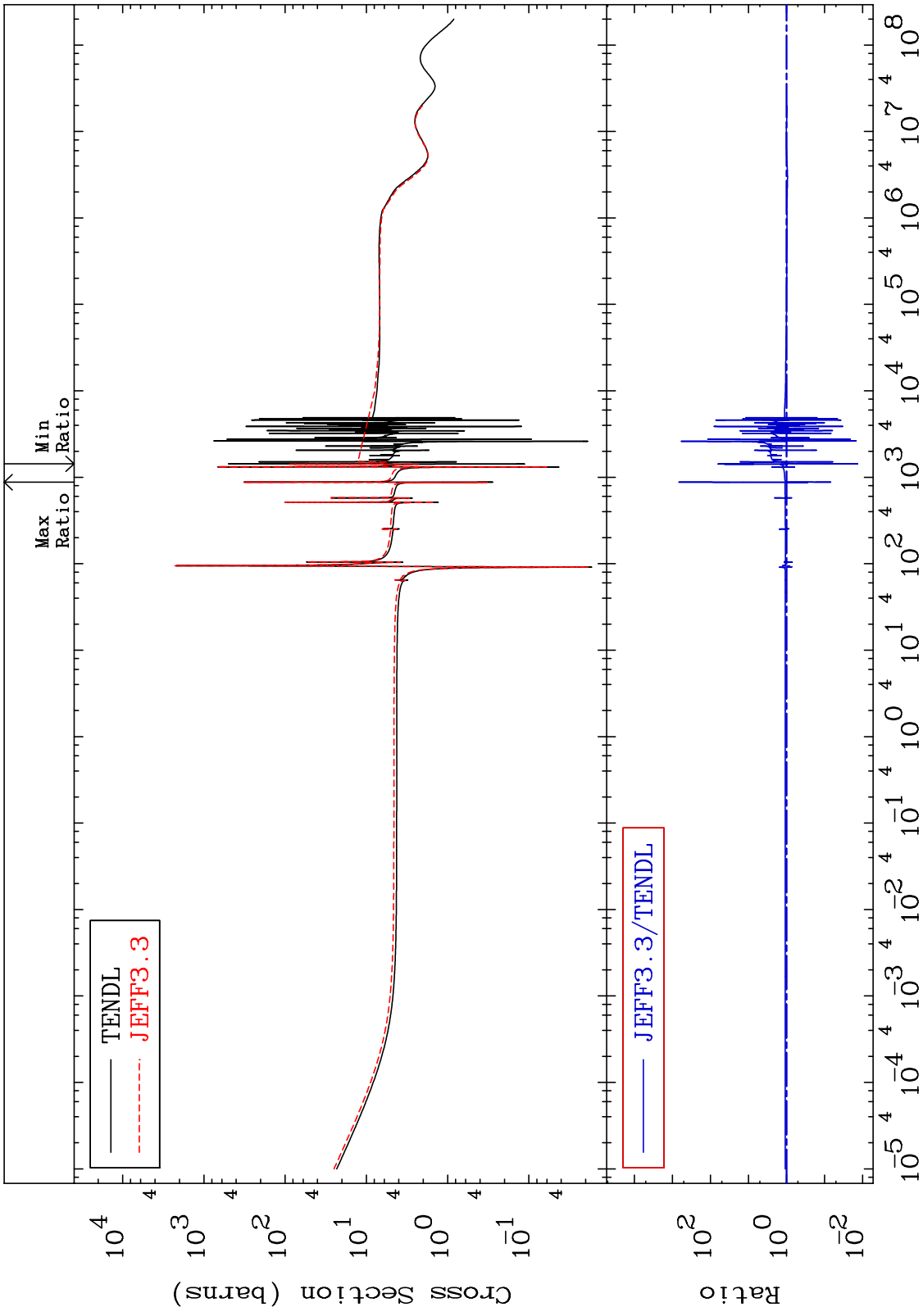
Press Mouse Button to Start

MAT 5025 50-Sn-112
Total Cross Section -98.88 To 9999. %



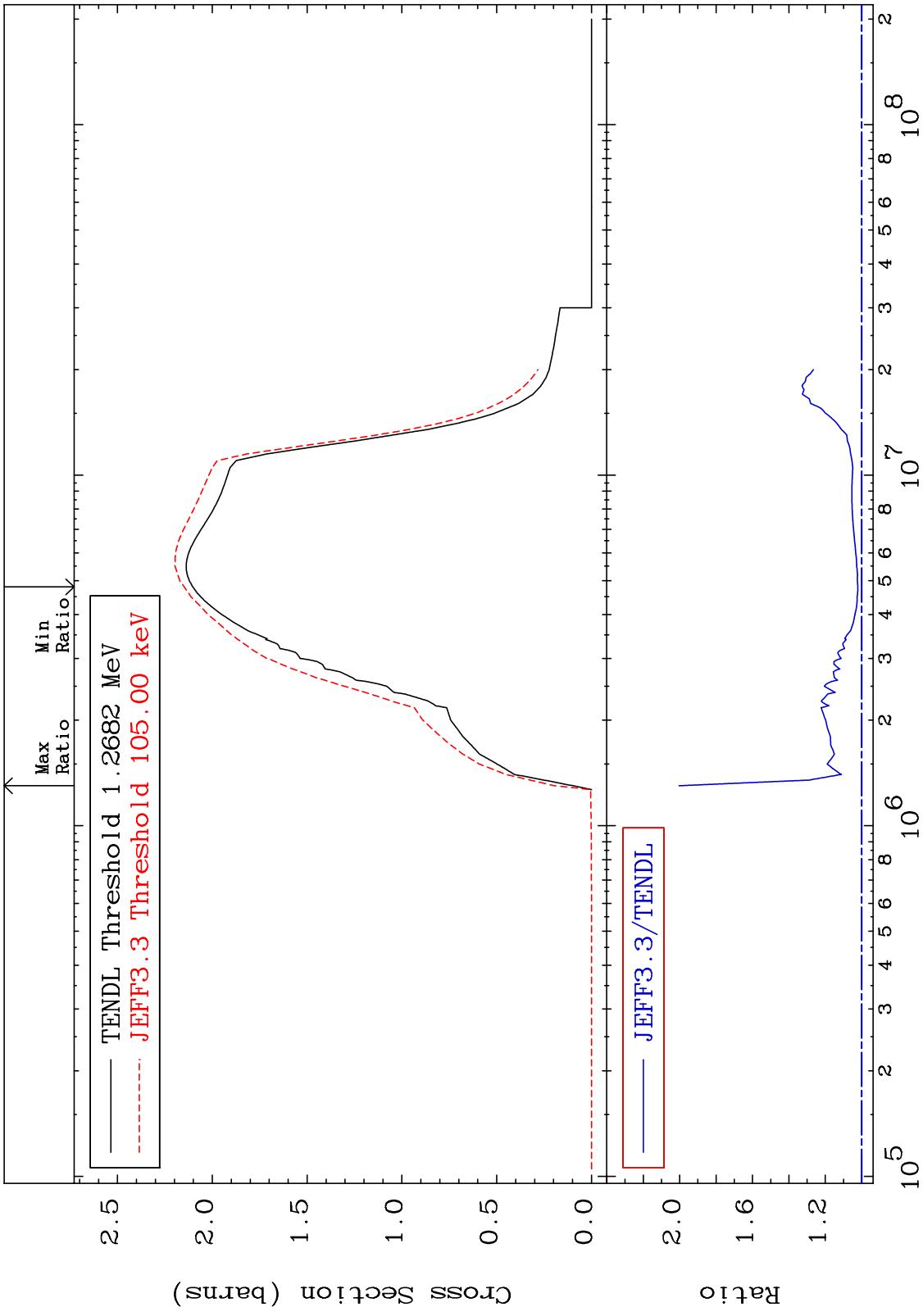
1 Incident Energy (eV) 50-Sn-112

MAT 5025 Elastic Cross Section 50-Sn-112 -98.67 To 9999. %



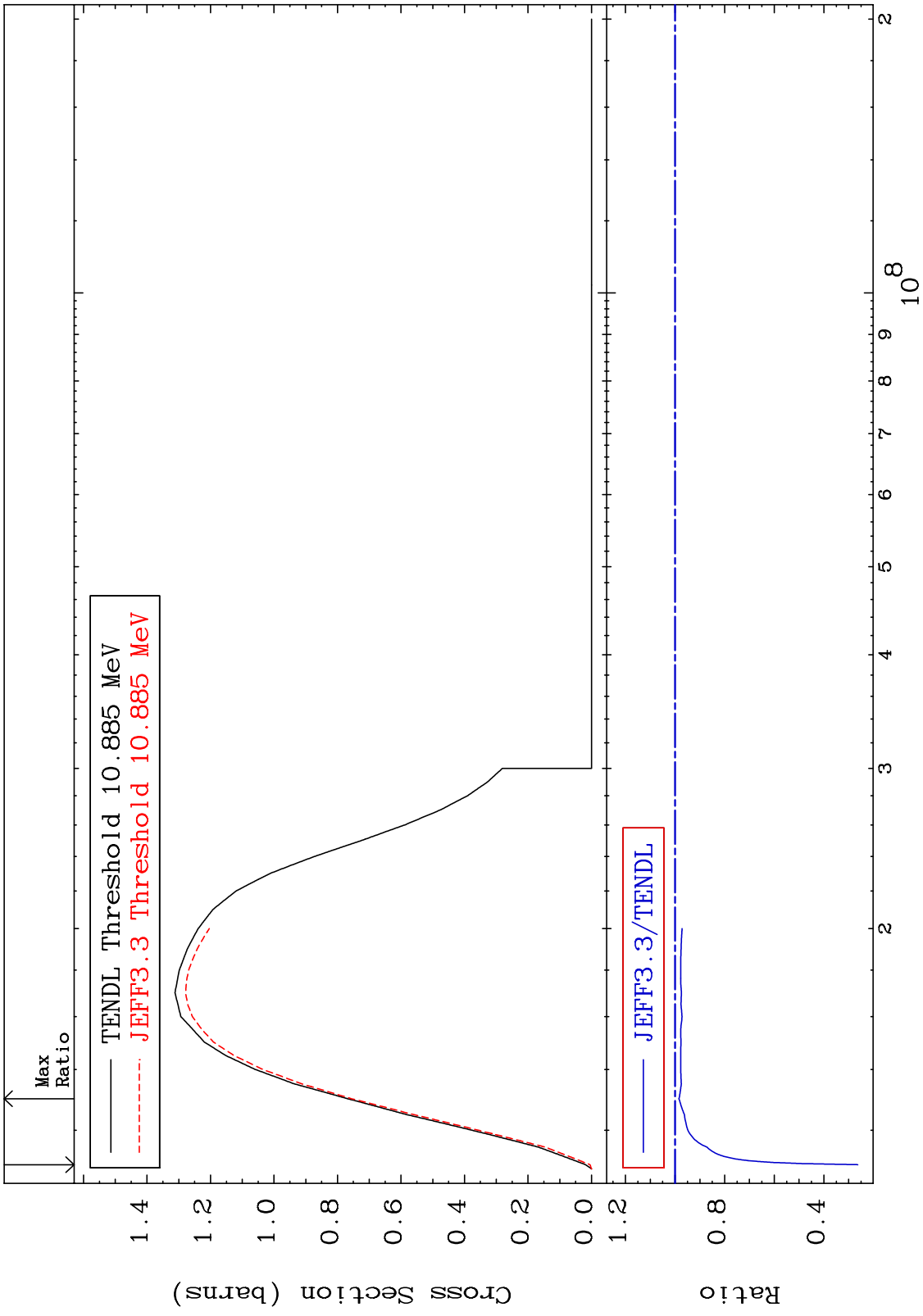
2 Incident Energy (eV) 50-Sn-112

MAT 5025 Inelastic Cross Section 50-Sn-112 To 100.3 %

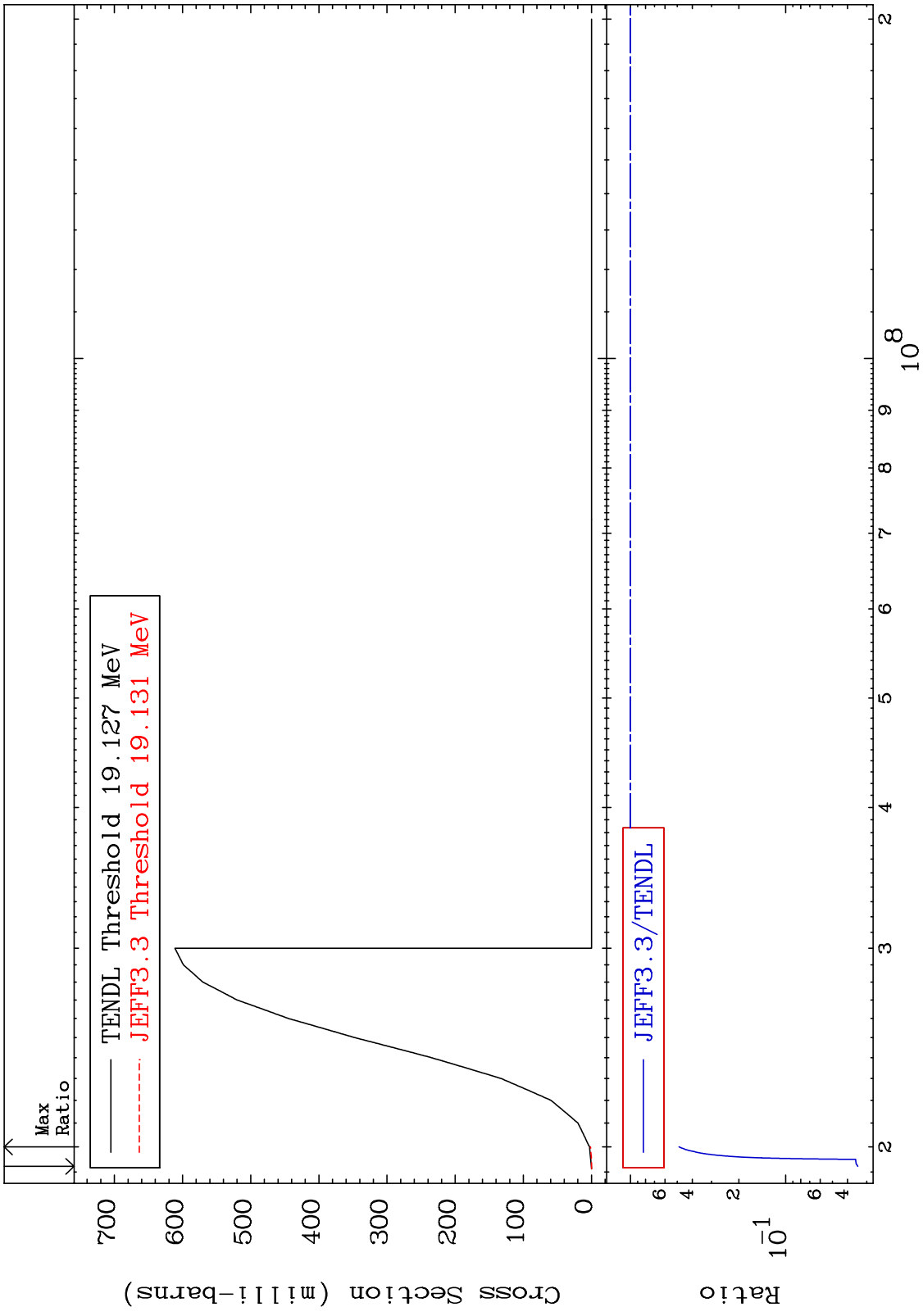


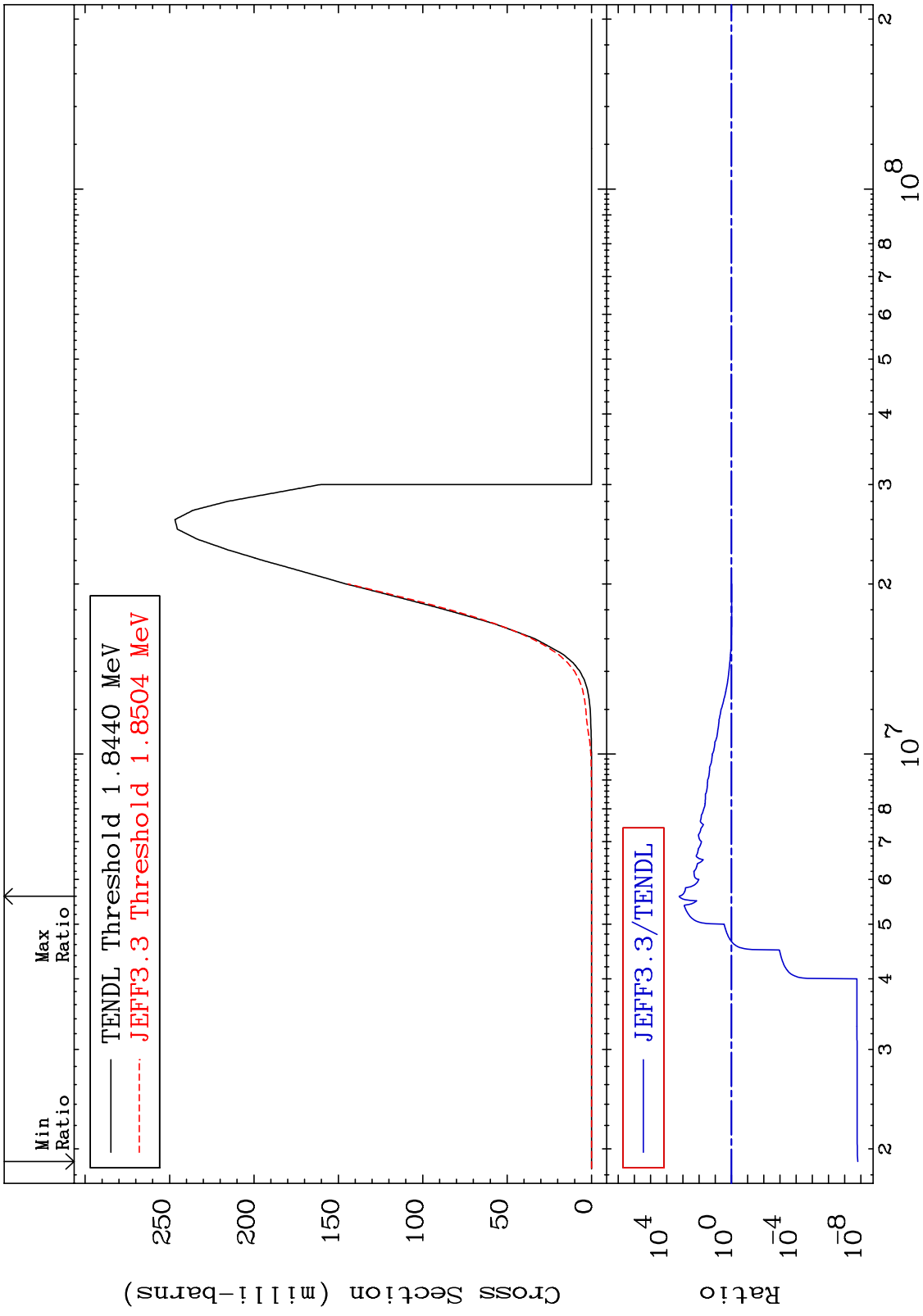
3 Incident Energy (eV) 50-Sn-112

MAT 5025 (n,2n) Cross Section 50-Sn-112 -73.68 To -1.610%

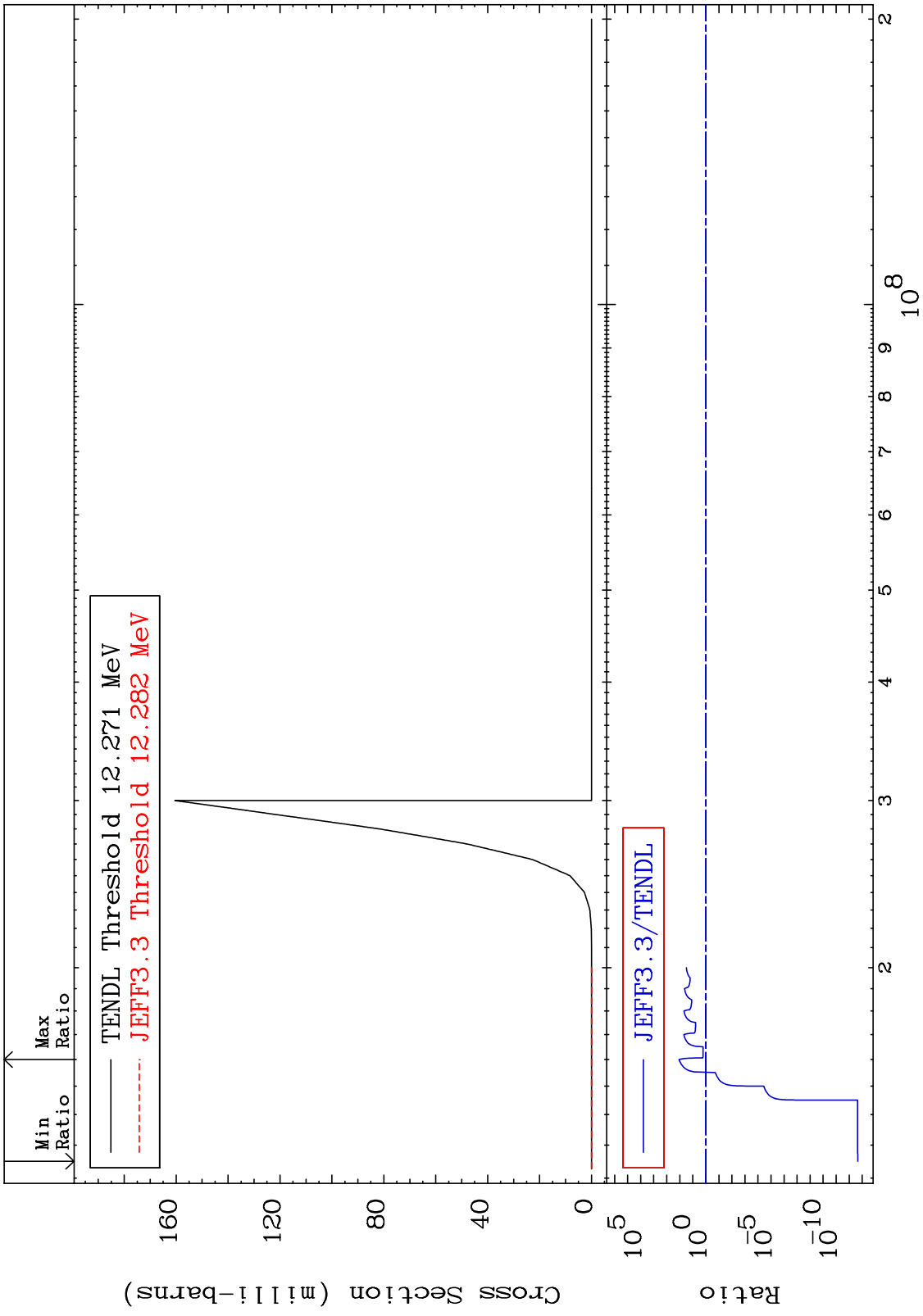


MAT 5025 (n,3n) Cross Section 50-Sn-112 -96.57 To -51.36%

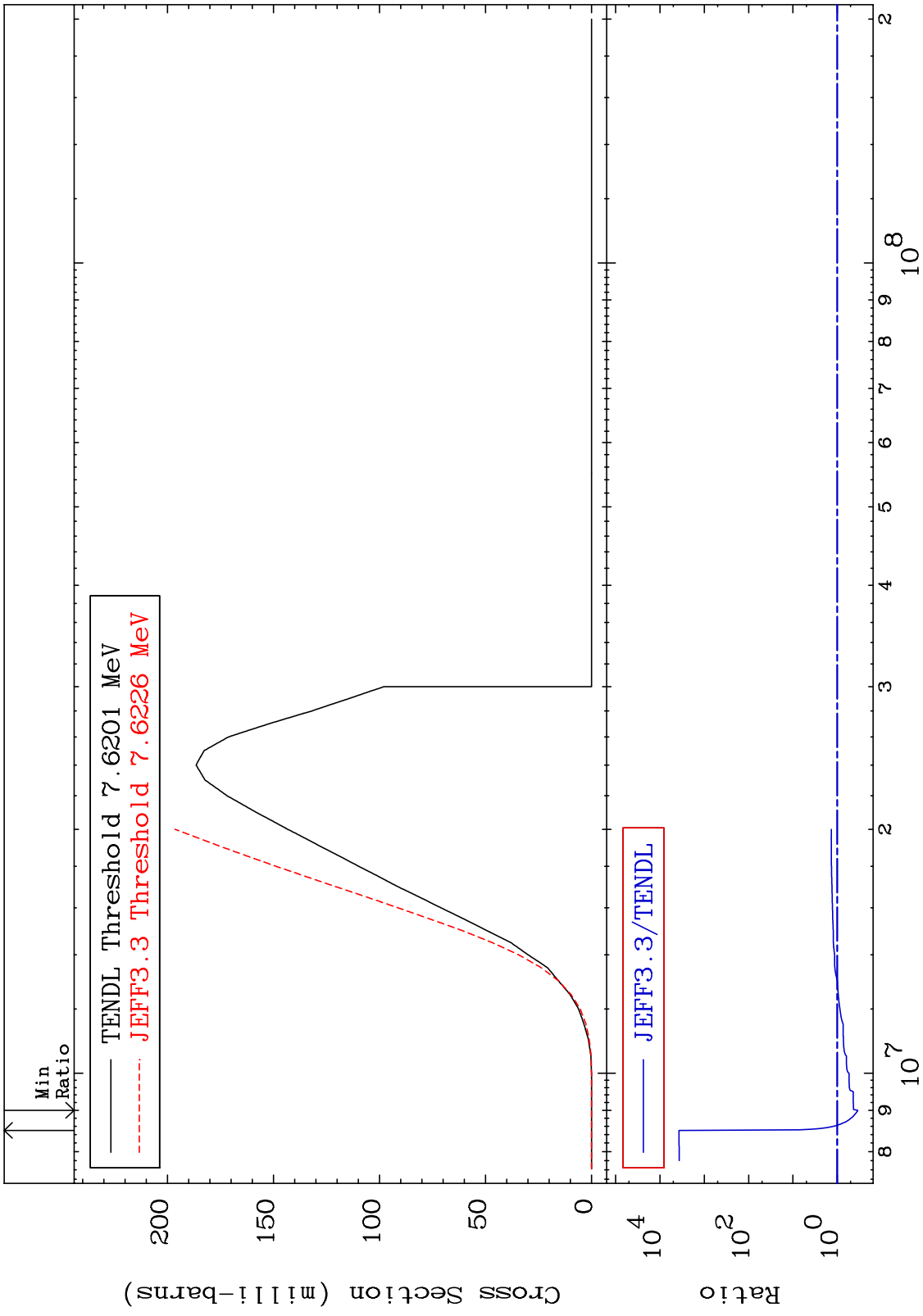




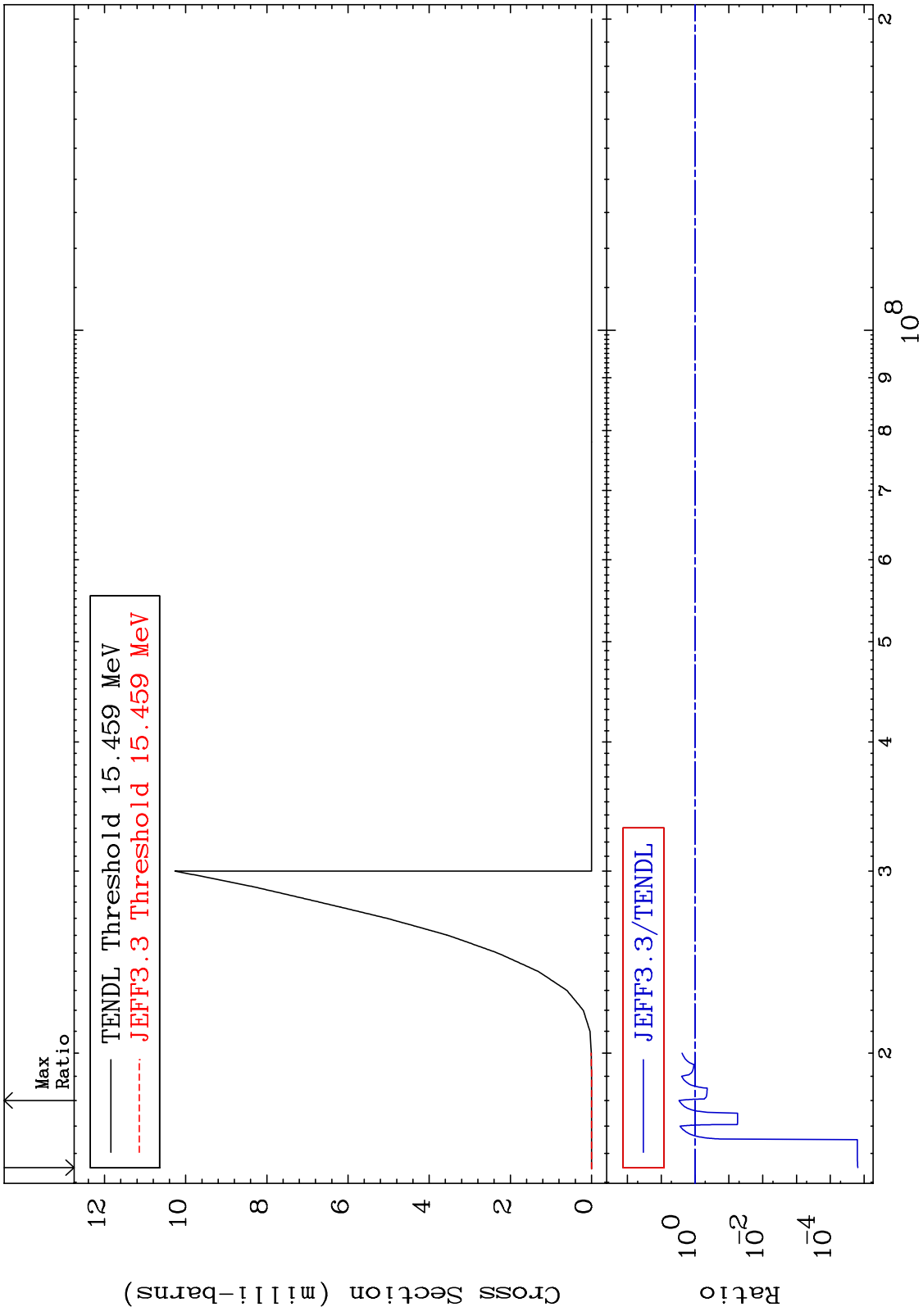
MAT 5025 (n,2n) α 50-Sn-112
 Cross Section -100.0 To 9999. %



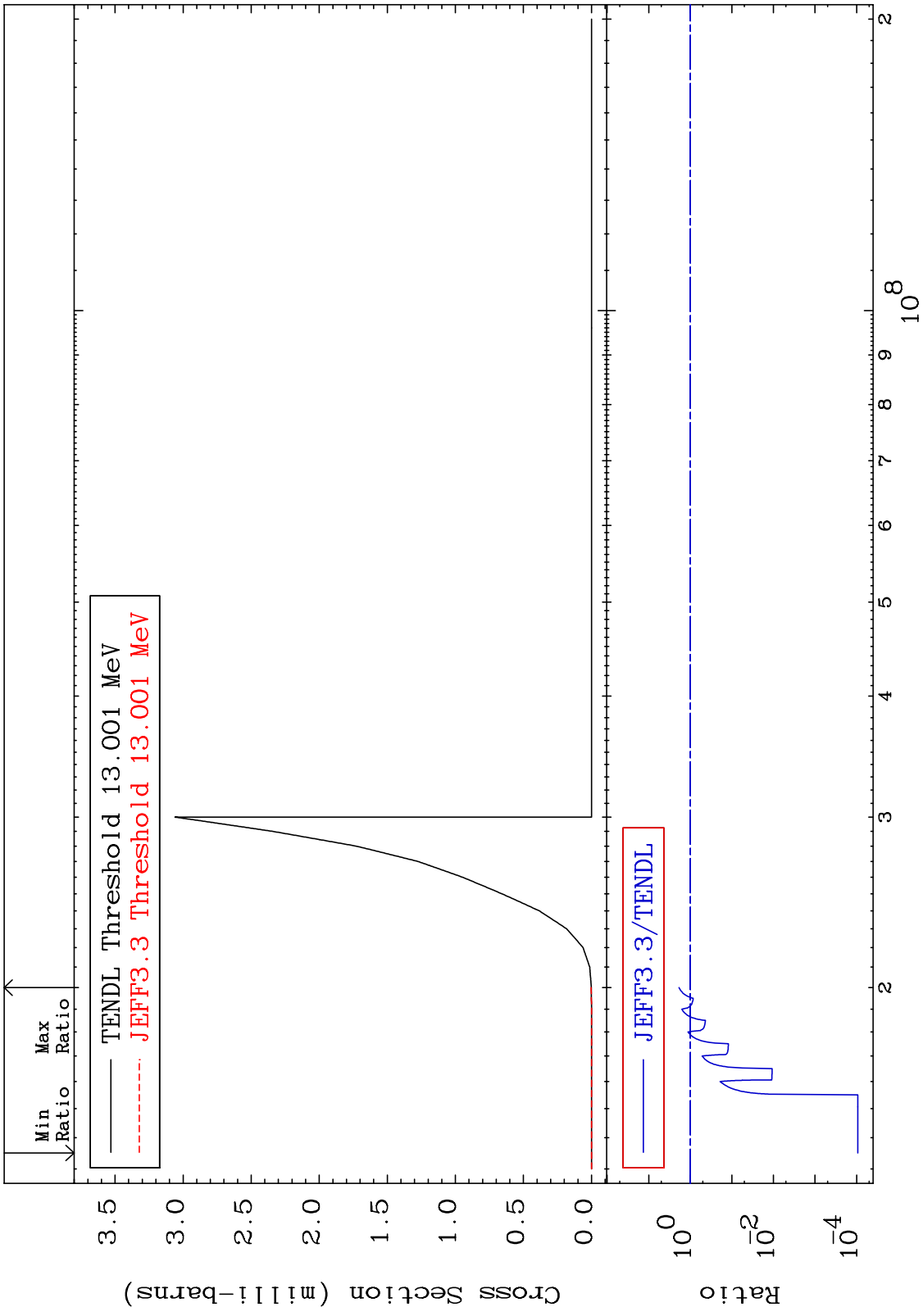
MAT 5025 (n,n') p 50-Sn-112
Cross Section -65.54 To 9999. %



MAT 5025 (n,n') d 50-Sn-112
 Cross Section -100.0 To 197.0 %

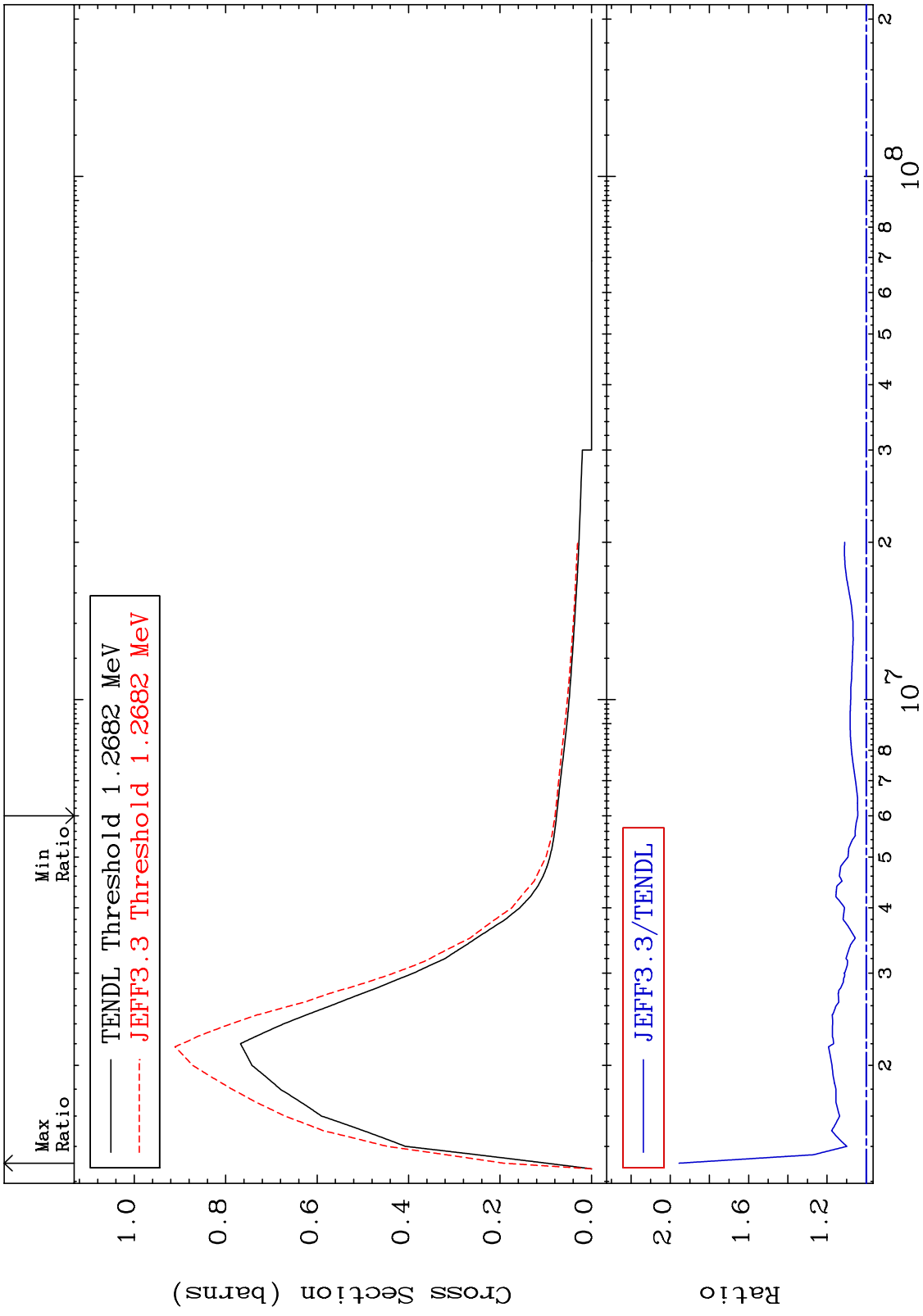


MAT 5025 (n,2n) p 50-Sn-112
 Cross Section -99.99 To 86.34 %

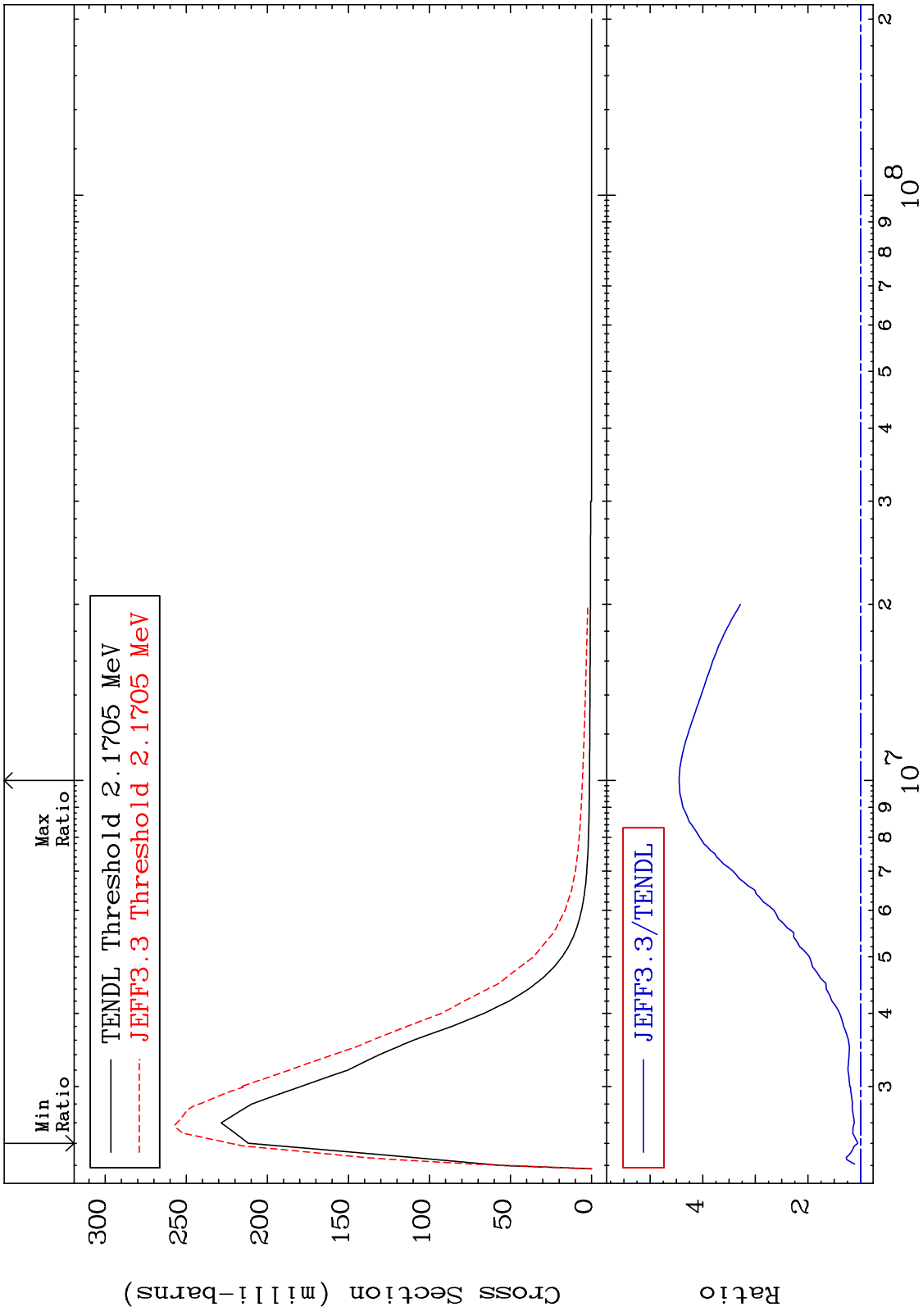


10 Incident Energy (eV) 50-Sn-112

MAT 5025 MT= 51 (n,n') Level Cross Section 50-Sn-112 To 95.51 %
 4.279

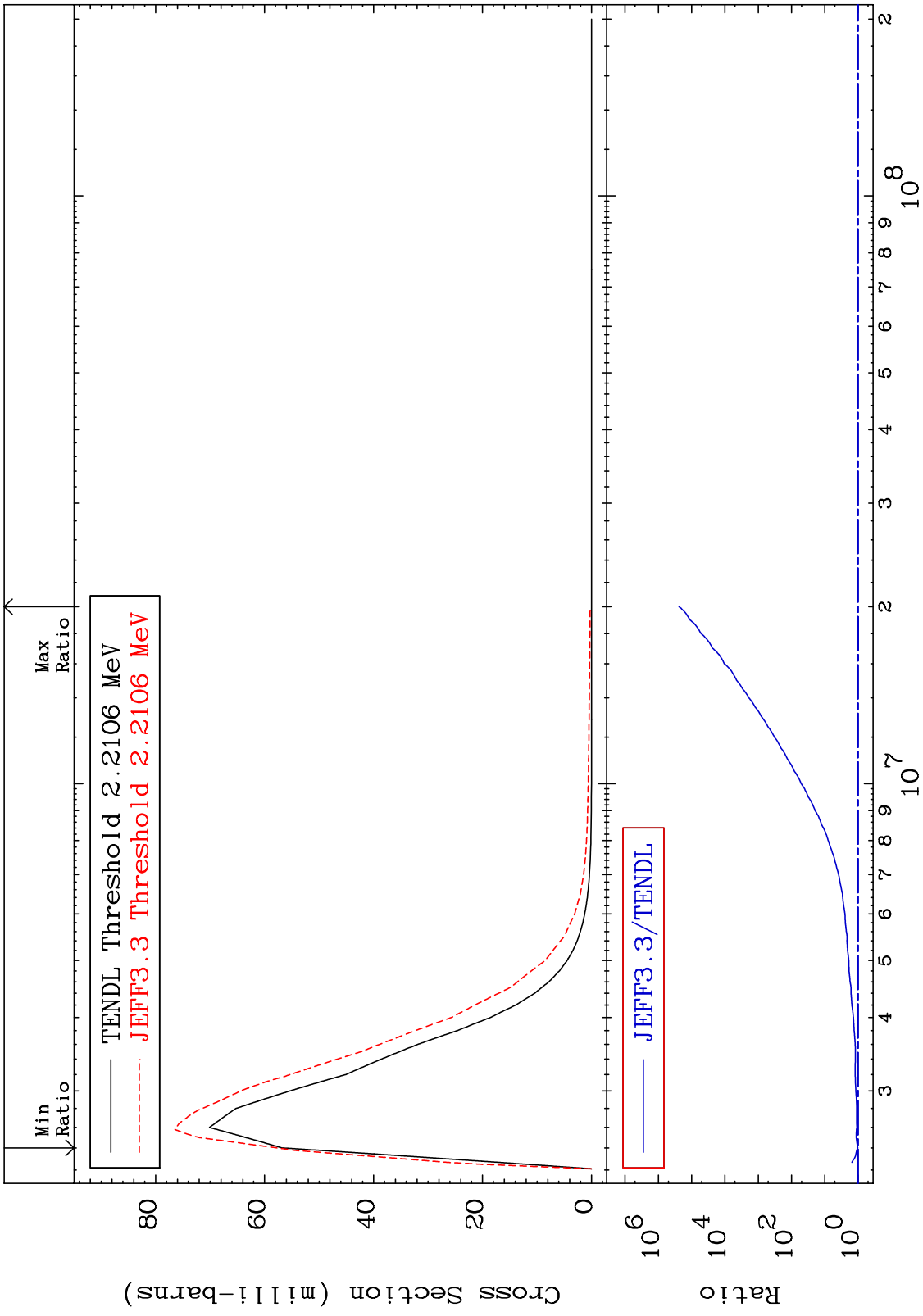


MAT 5025 MT= 52 (n,n') Level Cross Section 50-Sn-112 5.254 To 345.0 %

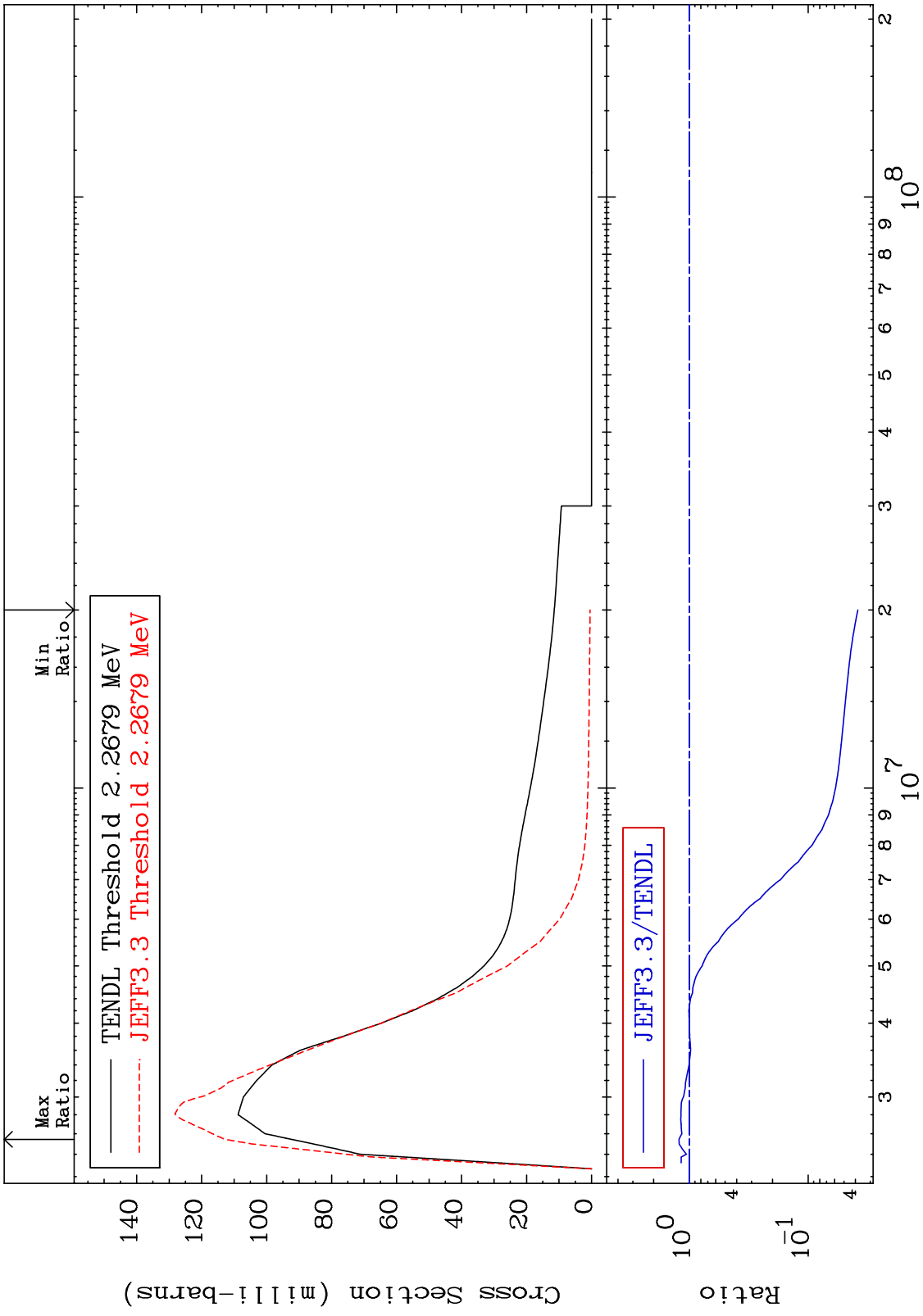


12 50-Sn-112

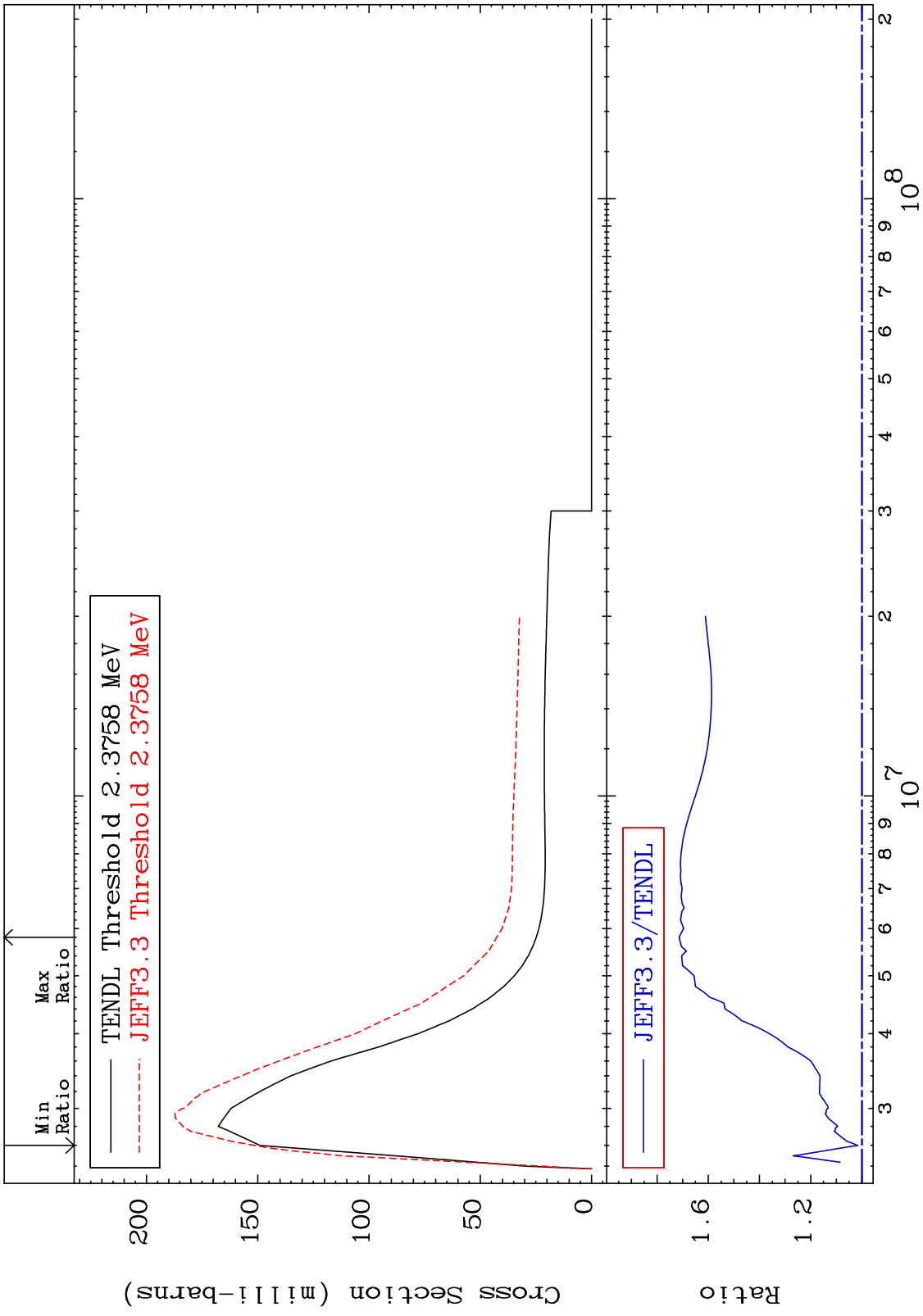
MAT 5025 MT= 53 (n,n') Level Cross Section 50-Sn-112 To 9999. %
 1.693



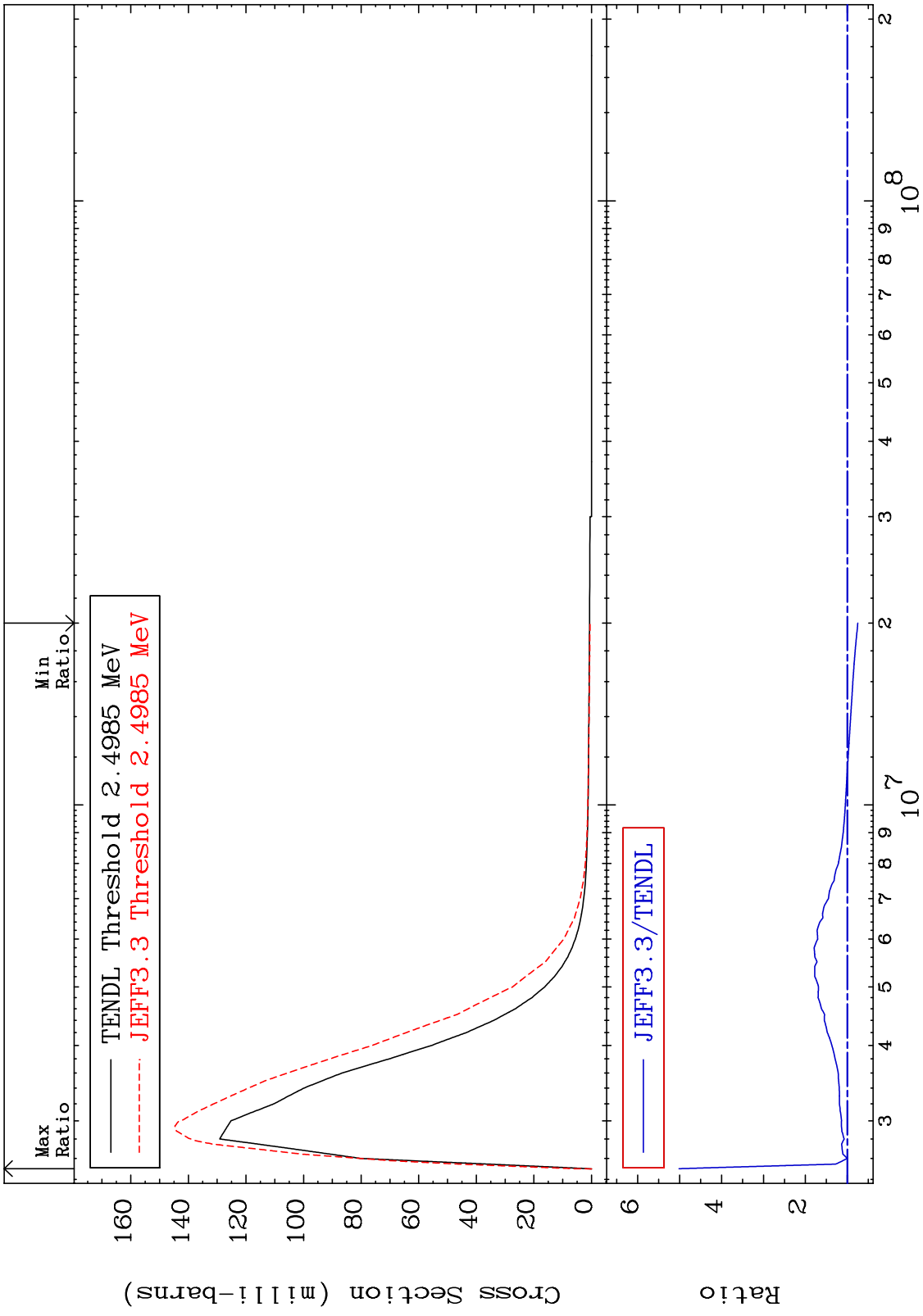
MAT 5025 MT= 54 (n,n') Level Cross Section 50-Sn-112
 -96.18 To 22.29 %



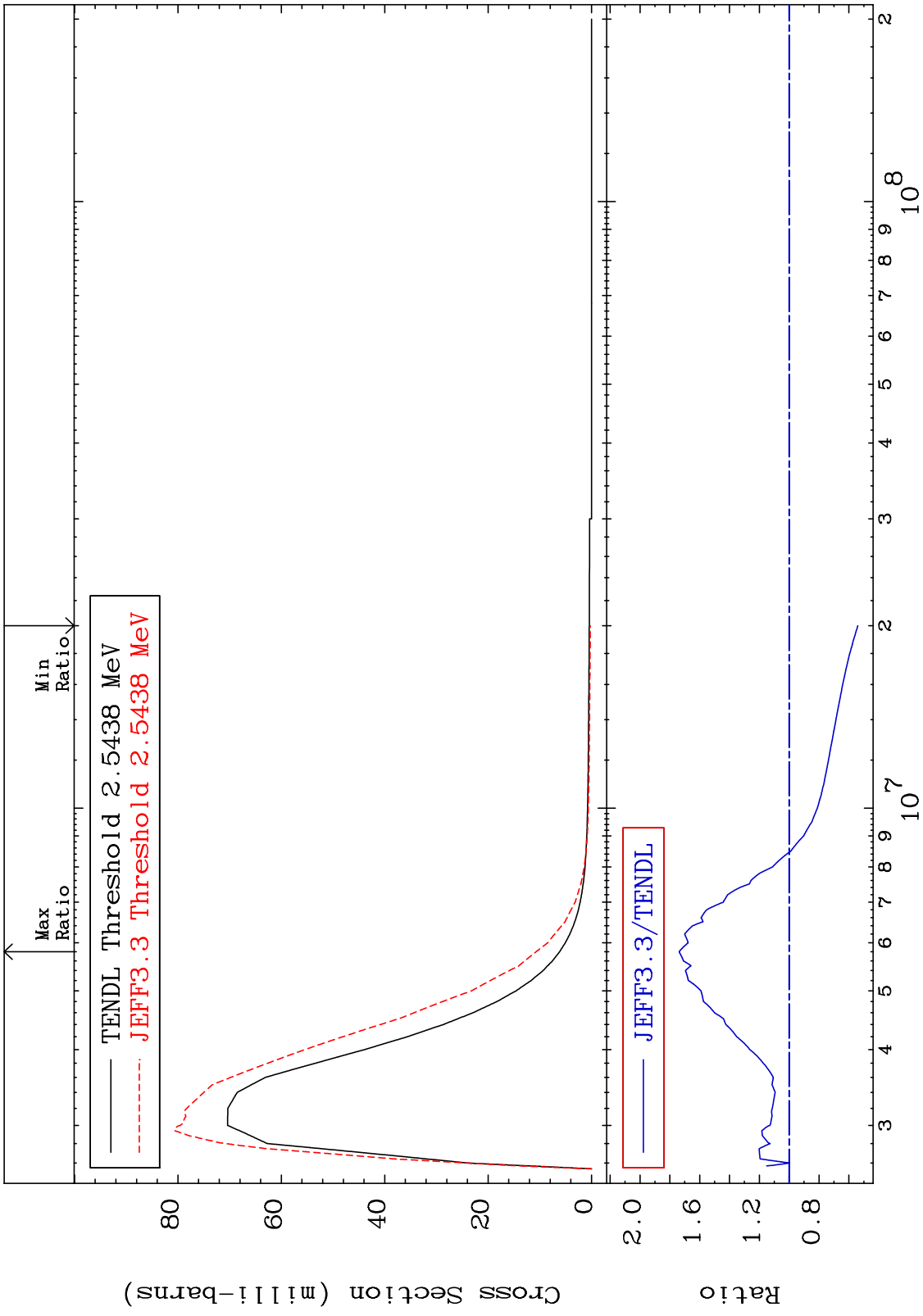
MAT 5025 MT= 55 (n,n') Level Cross Section 50-Sn-112 To 71.41 %
 1.599



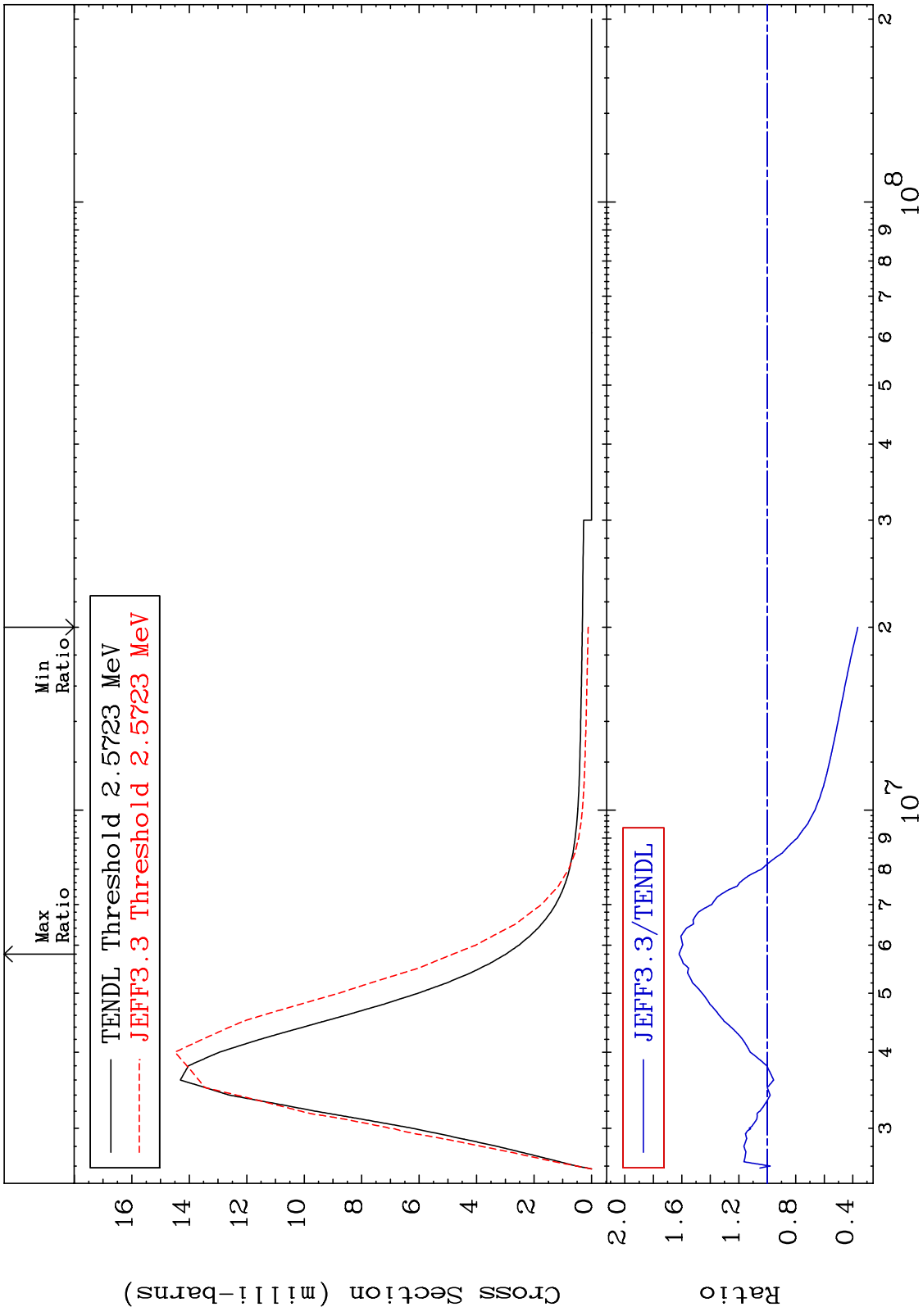
MAT 5025 MT= 56 (n,n') Level Cross Section 50-Sn-112 -24.90 To 401.2 %



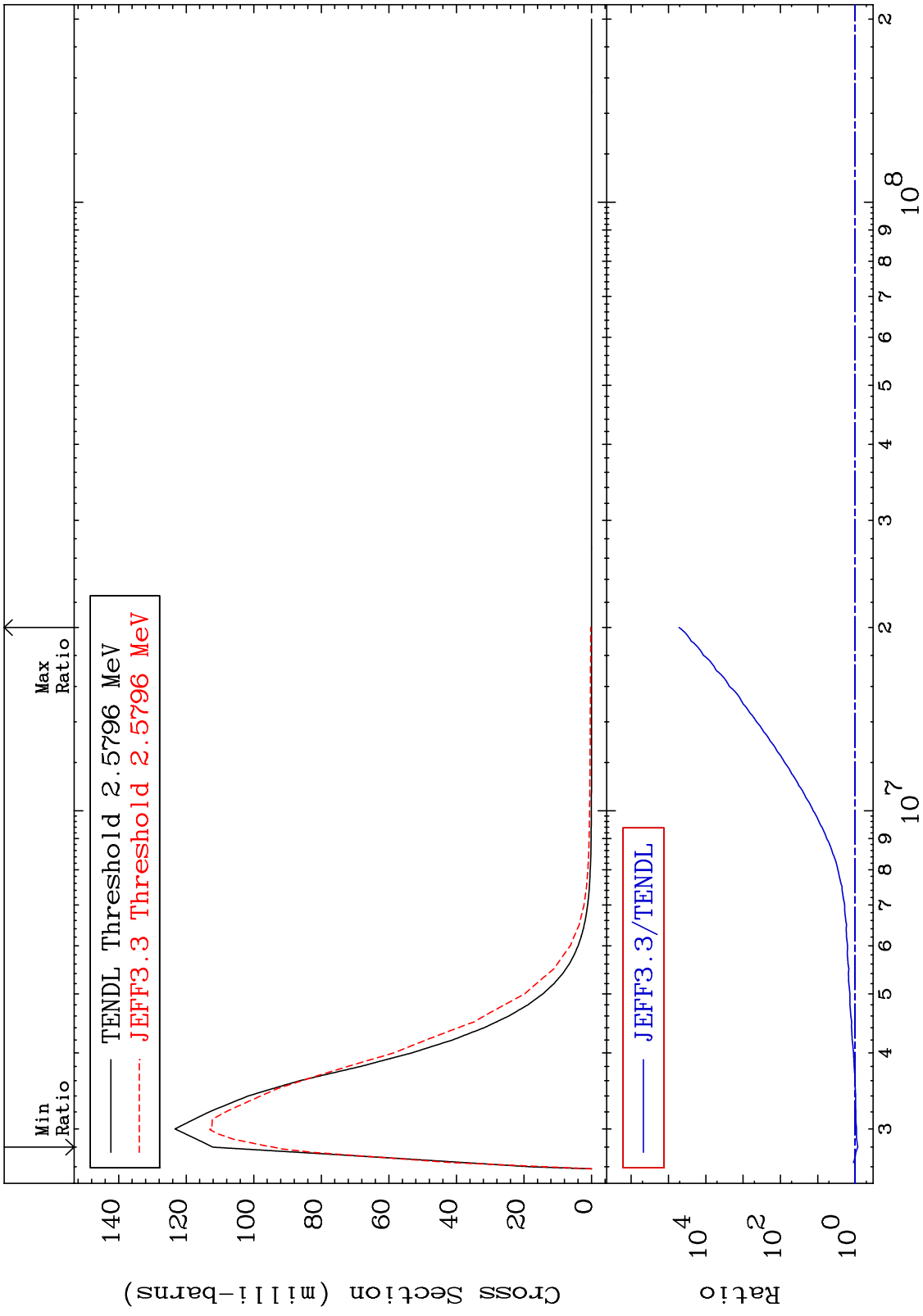
MAT 5025 MT= 57 (n,n') Level Cross Section 50-Sn-112
 -46.00 To 73.82 %



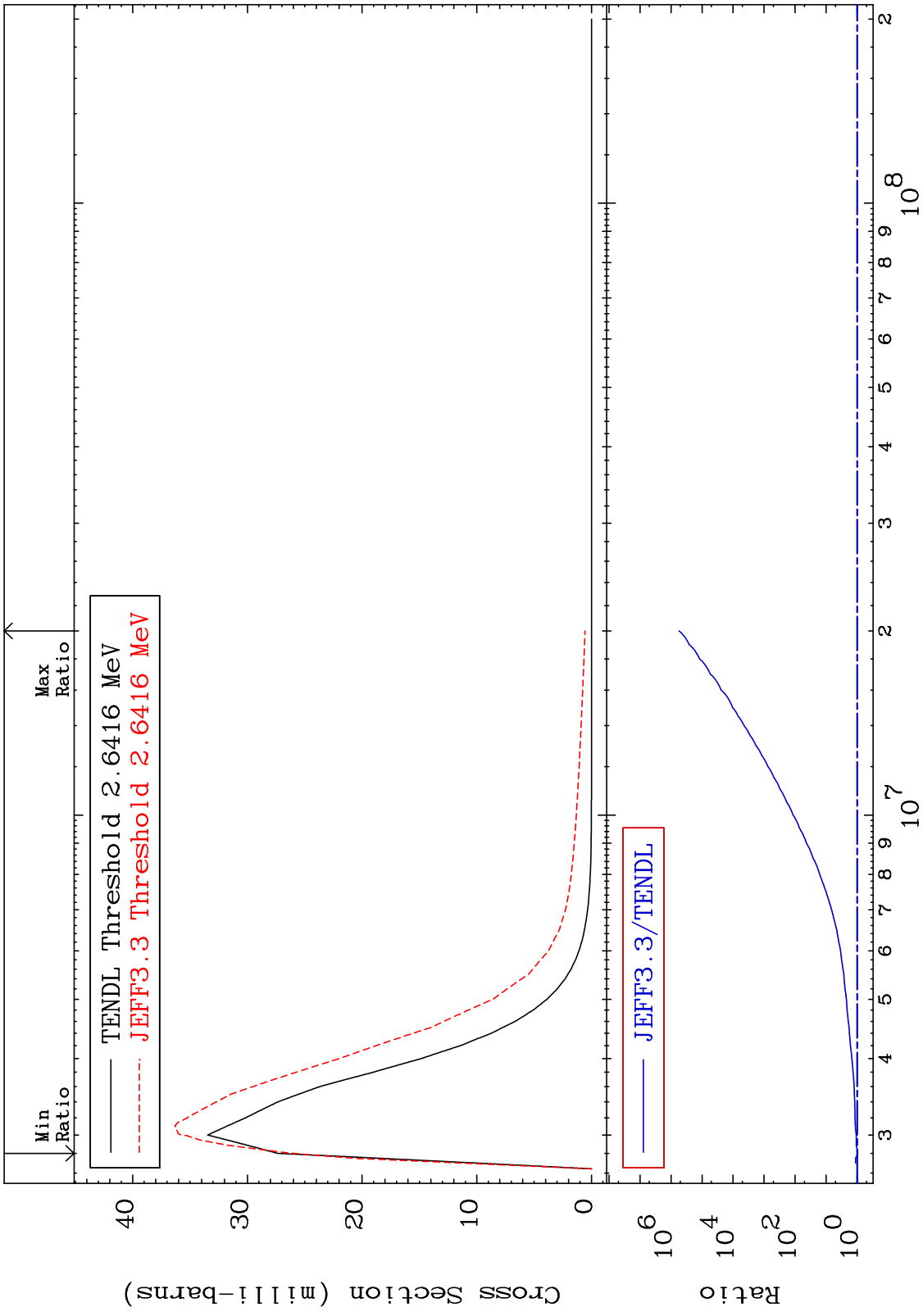
MAT 5025 MT= 58 (n,n') Level Cross Section 50-Sn-112
 -63.59 To 61.95 %



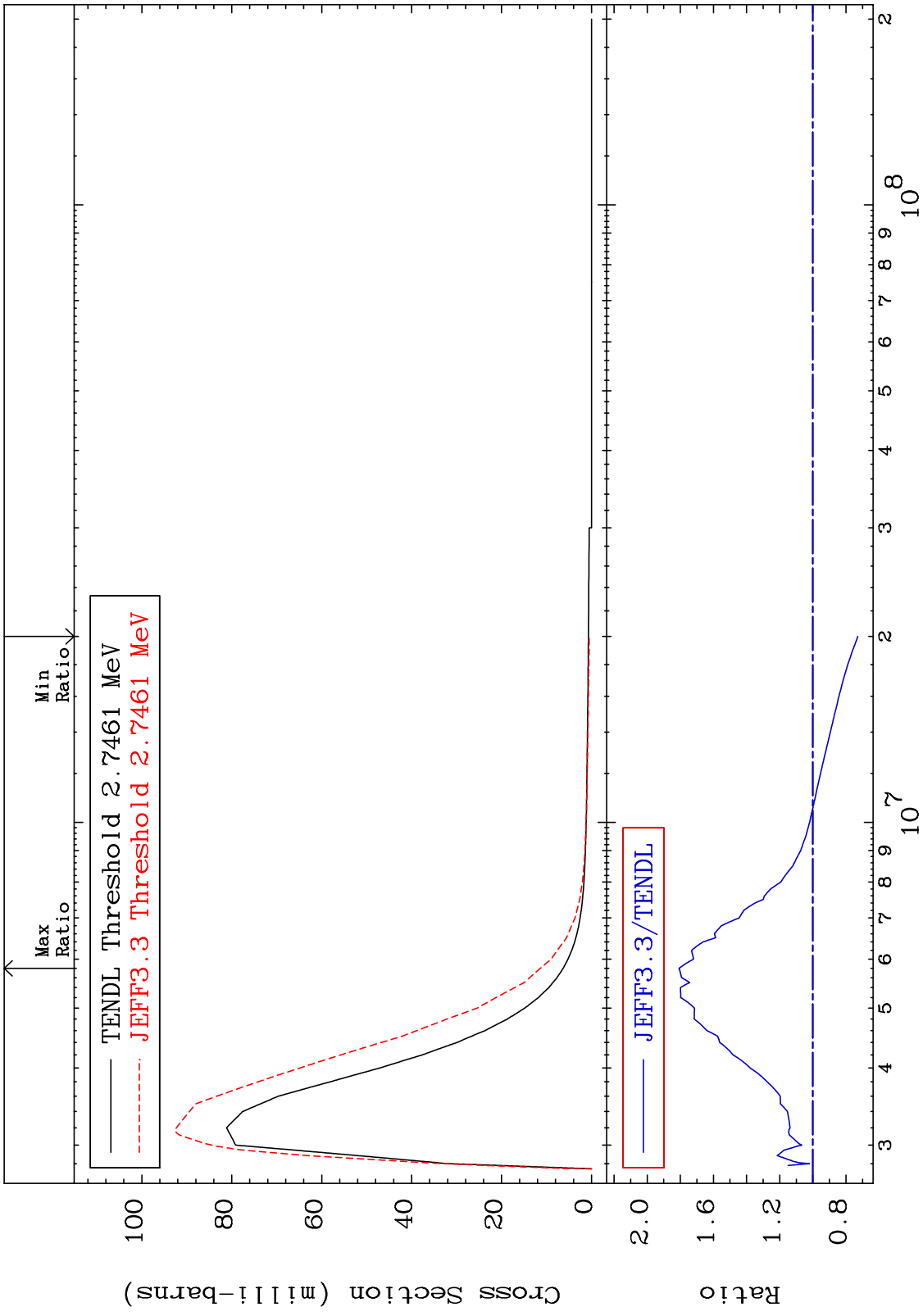
MAT 5025 MT= 59 (n,n') Level Cross Section 50-Sn-112
 -15.89 To 9999. %



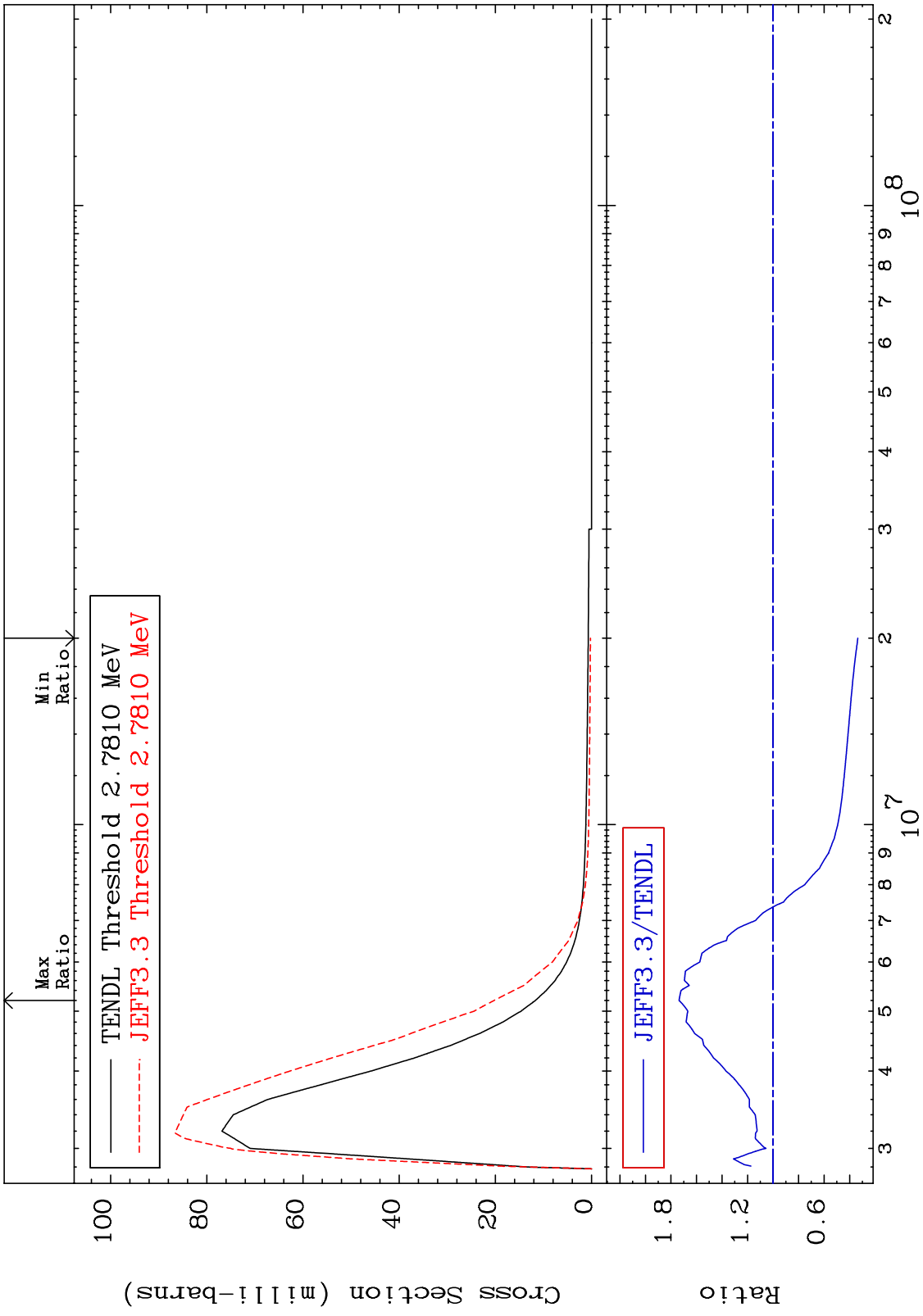
MAT 5025 MT= 60 (n,n') Level Cross Section 50-Sn-112
 -5.207 To 9999. %



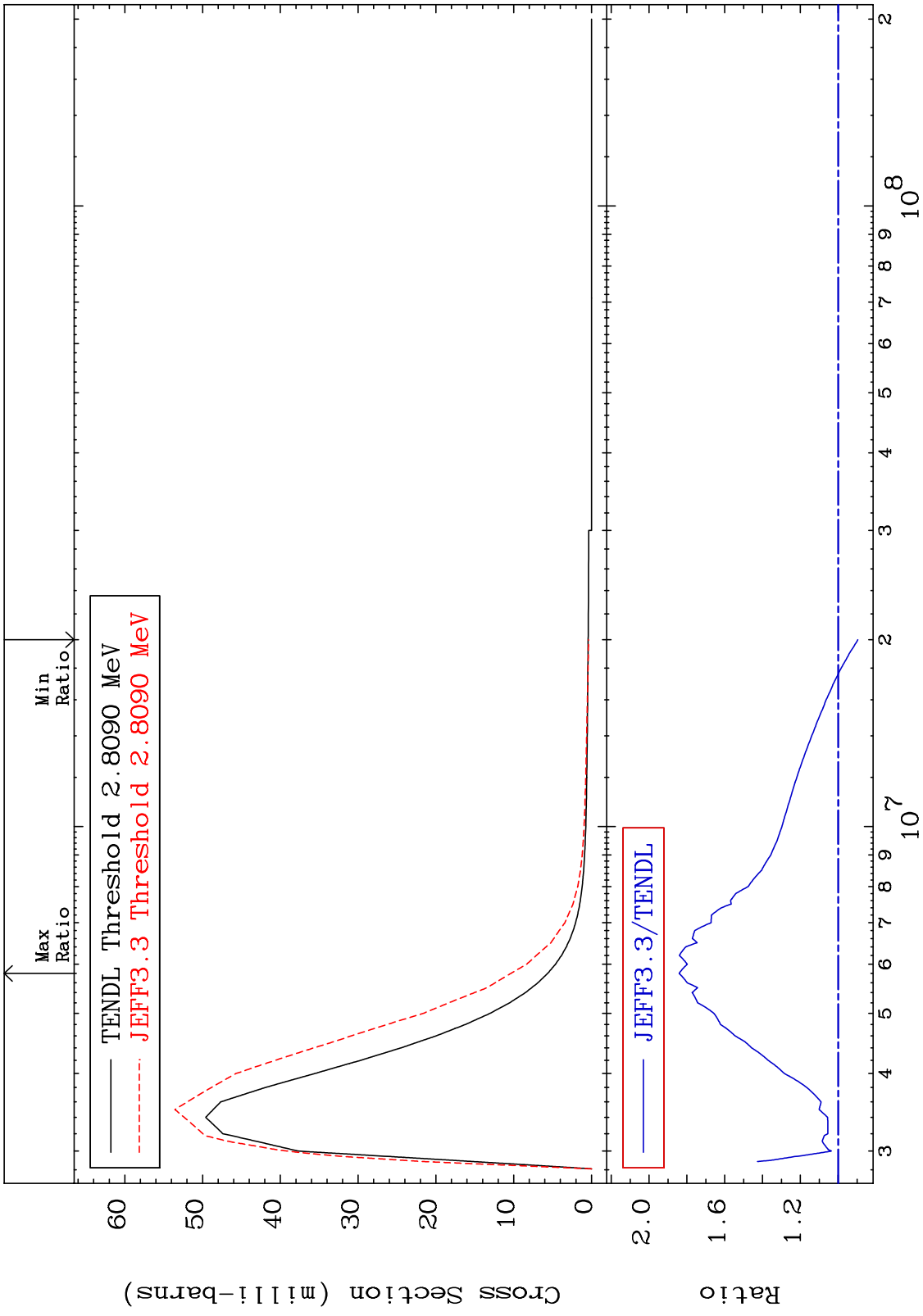
MAT 5025 MT= 61 (n,n') Level Cross Section 50-Sn-112
 -27.16 To 80.77 %



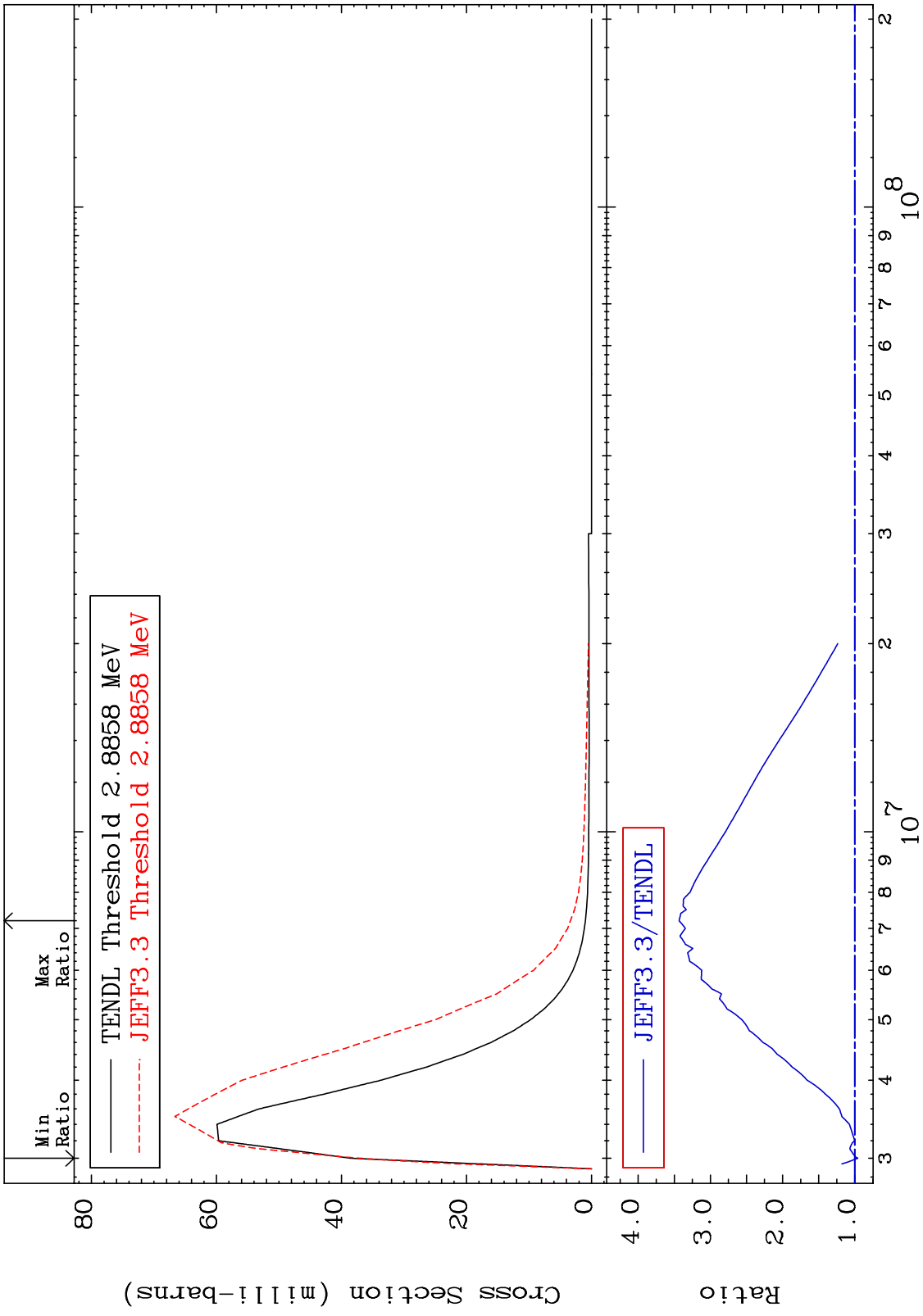
MAT 5025 MT= 62 (n,n') Level Cross Section 50-Sn-112
 -66.46 To 73.67 %



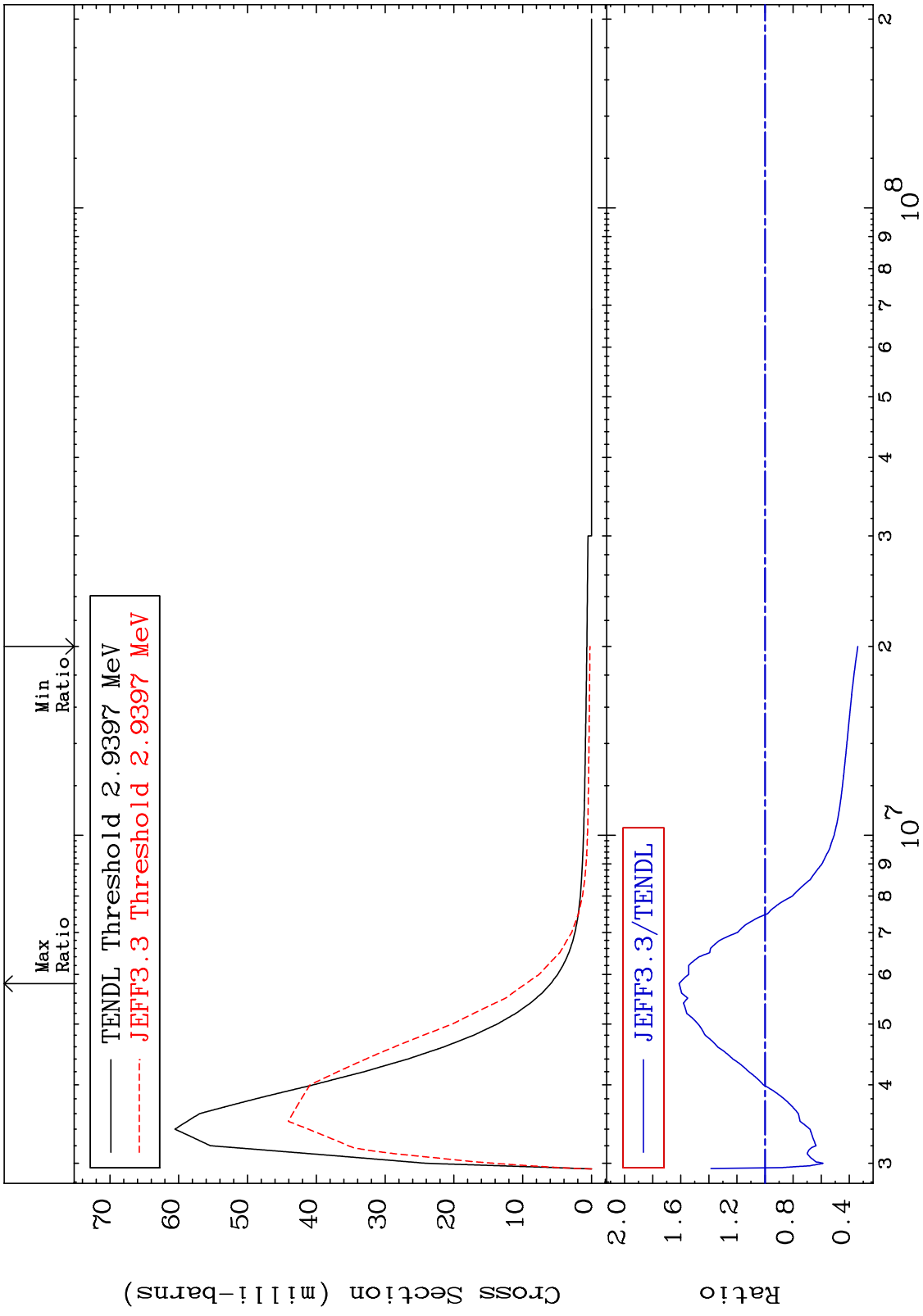
MAT 5025 MT= 63 (n,n') Level Cross Section 50-Sn-112
 -10.38 To 84.14 %



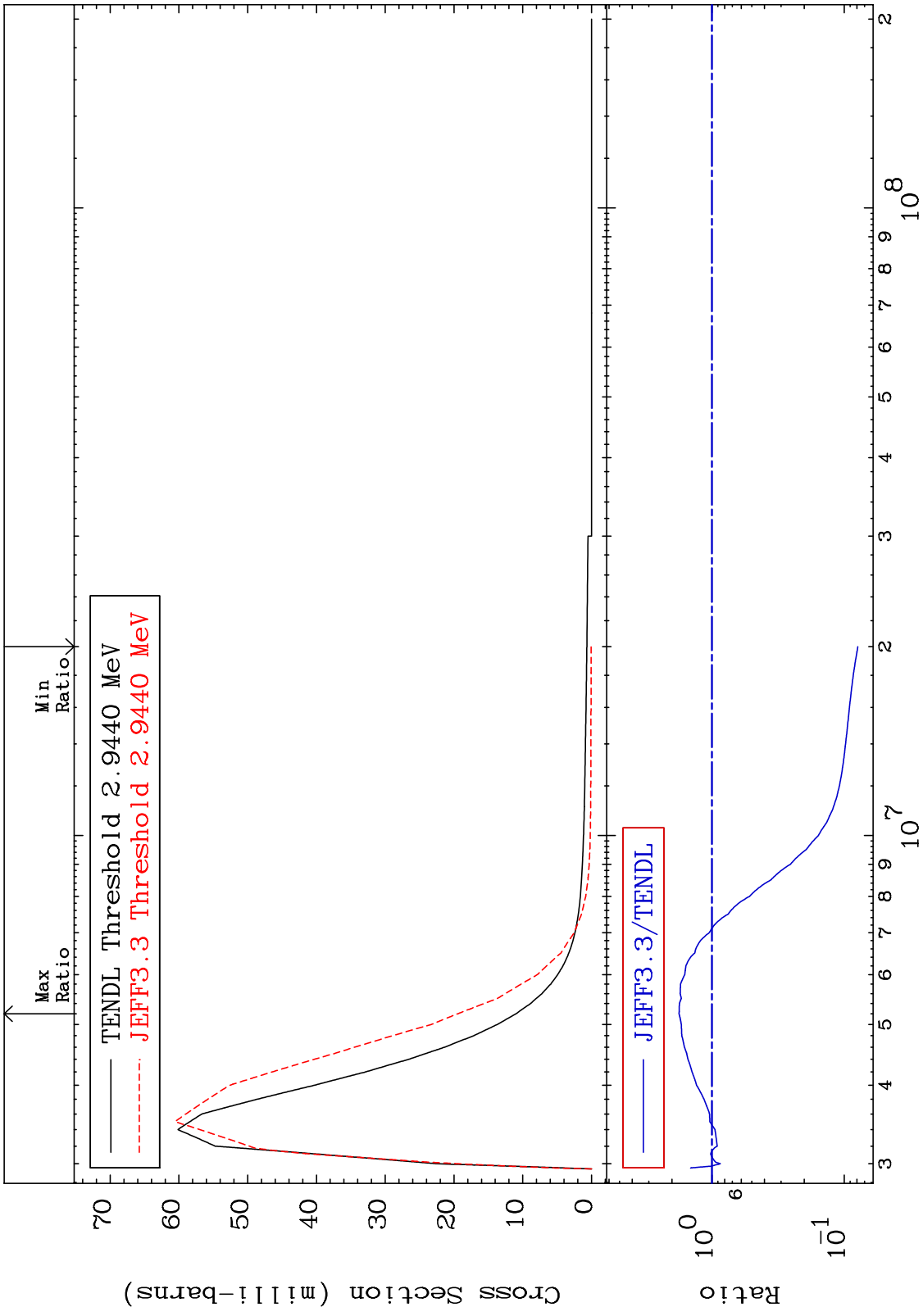
MAT 5025 MT= 64 (n,n') Level Cross Section 50-Sn-112 -4.243 To 243.4 %



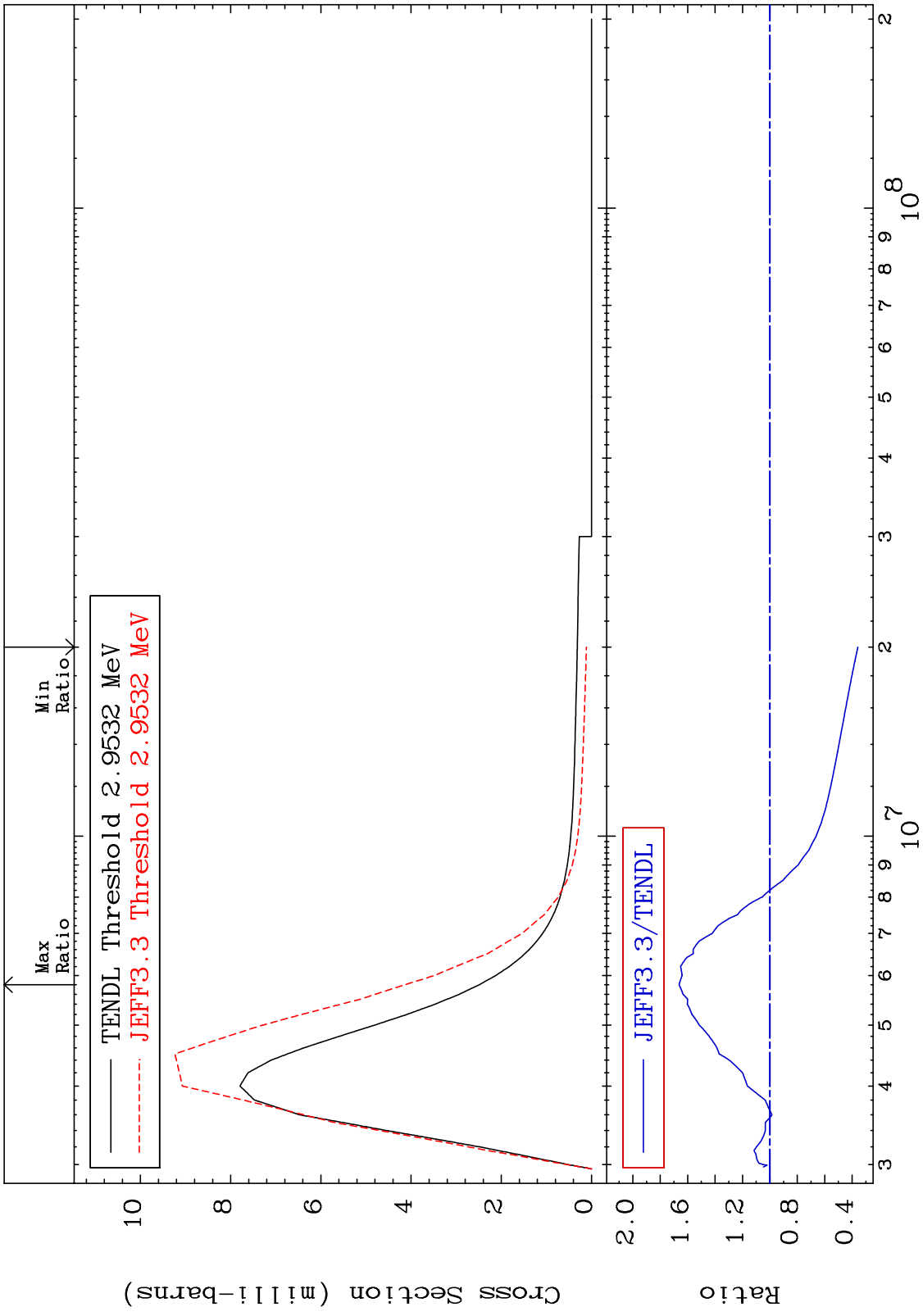
MAT 5025 MT= 65 (n,n') Level Cross Section 50-Sn-112
 -66.10 To 61.22 %



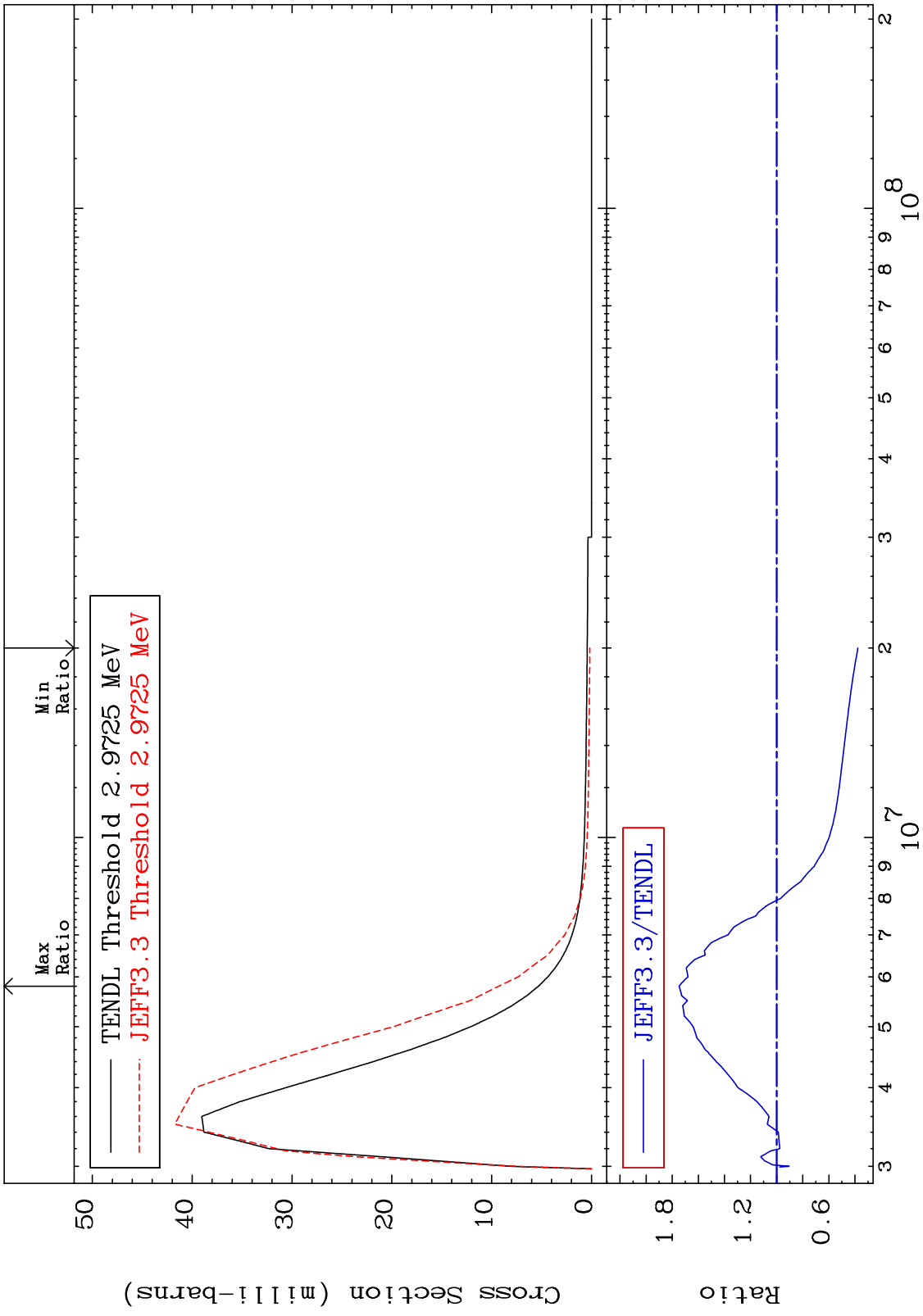
MAT 5025 MT= 66 (n,n') Level Cross Section 50-Sn-112
 -92.12 To 77.11 %



MAT 5025 MT= 67 (n,n') Level Cross Section 50-Sn-112
 -64.21 To 66.30 %

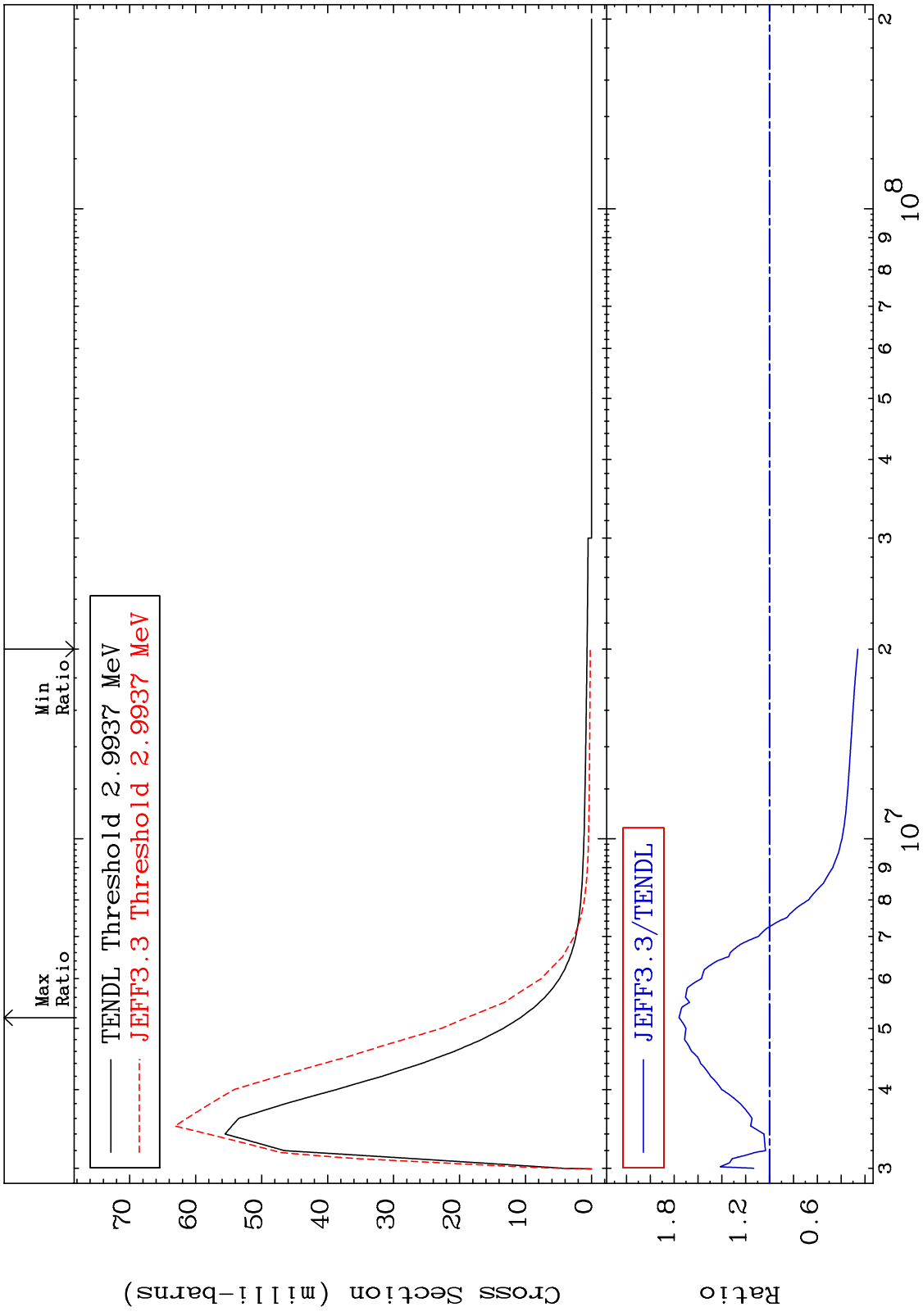


MAT 5025 MT= 68 (n,n') Level Cross Section 50-Sn-112
 -62.19 To 74.78 %

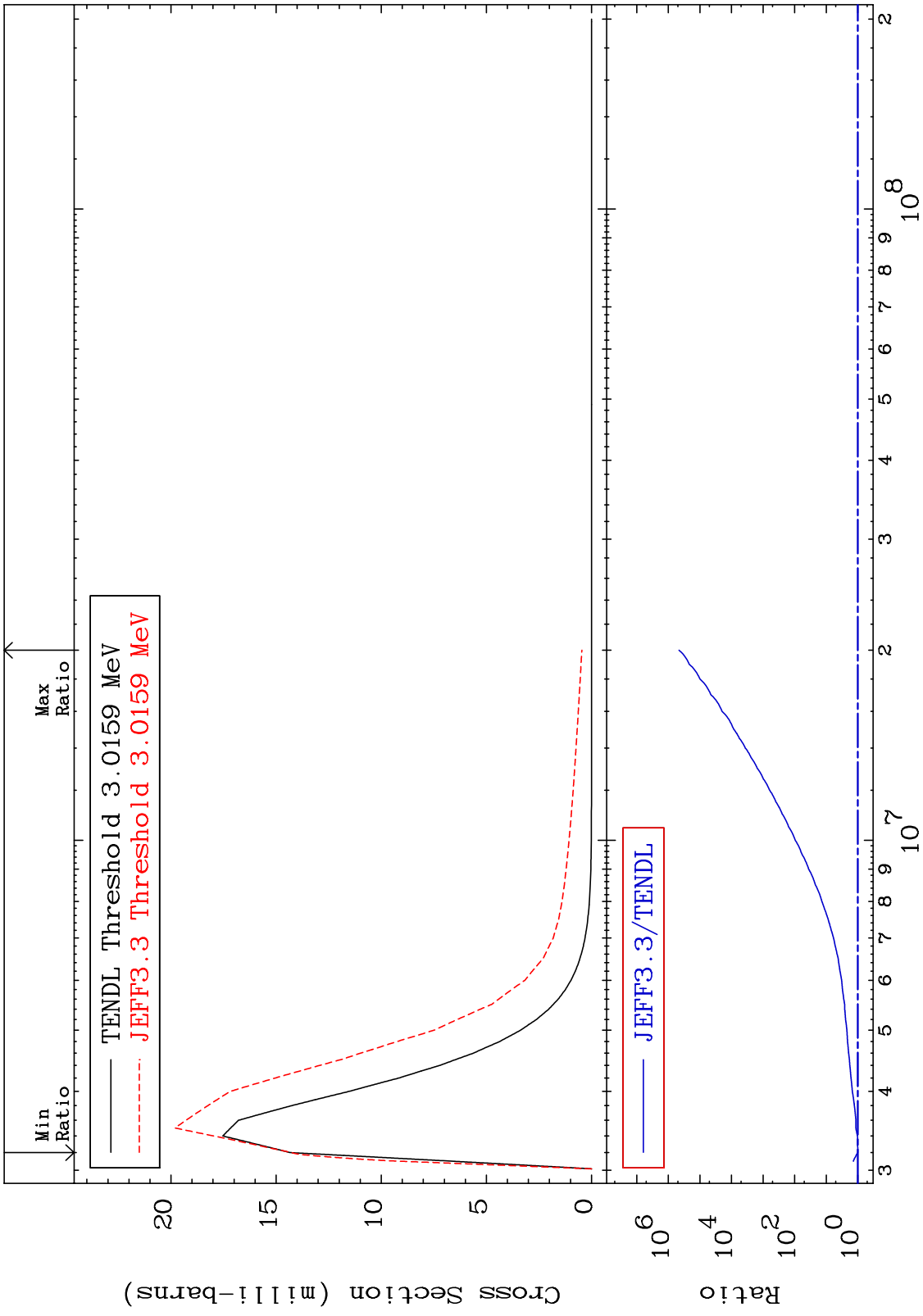


Incident Energy (eV) 50-Sn-112

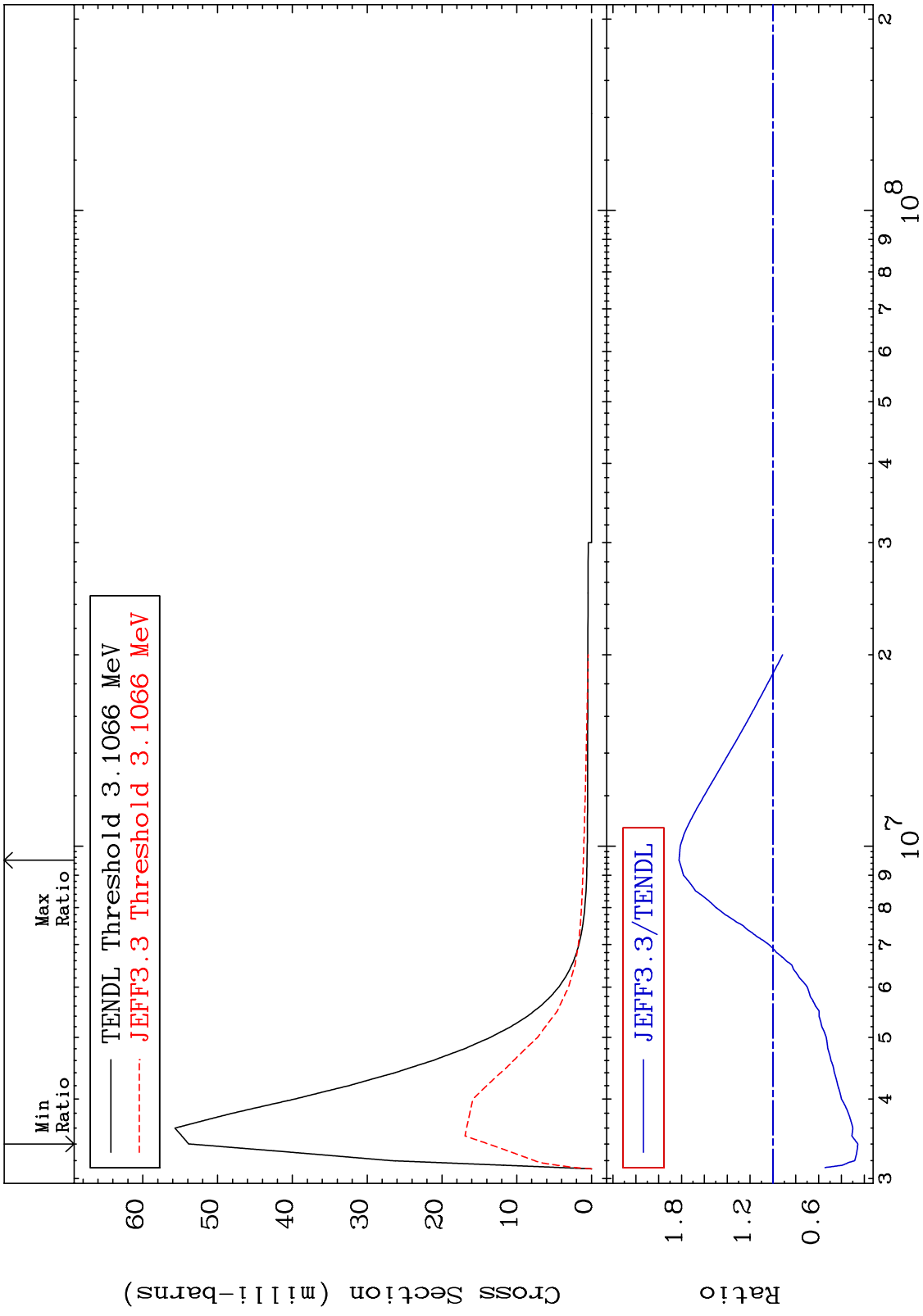
MAT 5025 MT= 69 (n,n') Level Cross Section 50-Sn-112
 -73.99 To 75.88 %



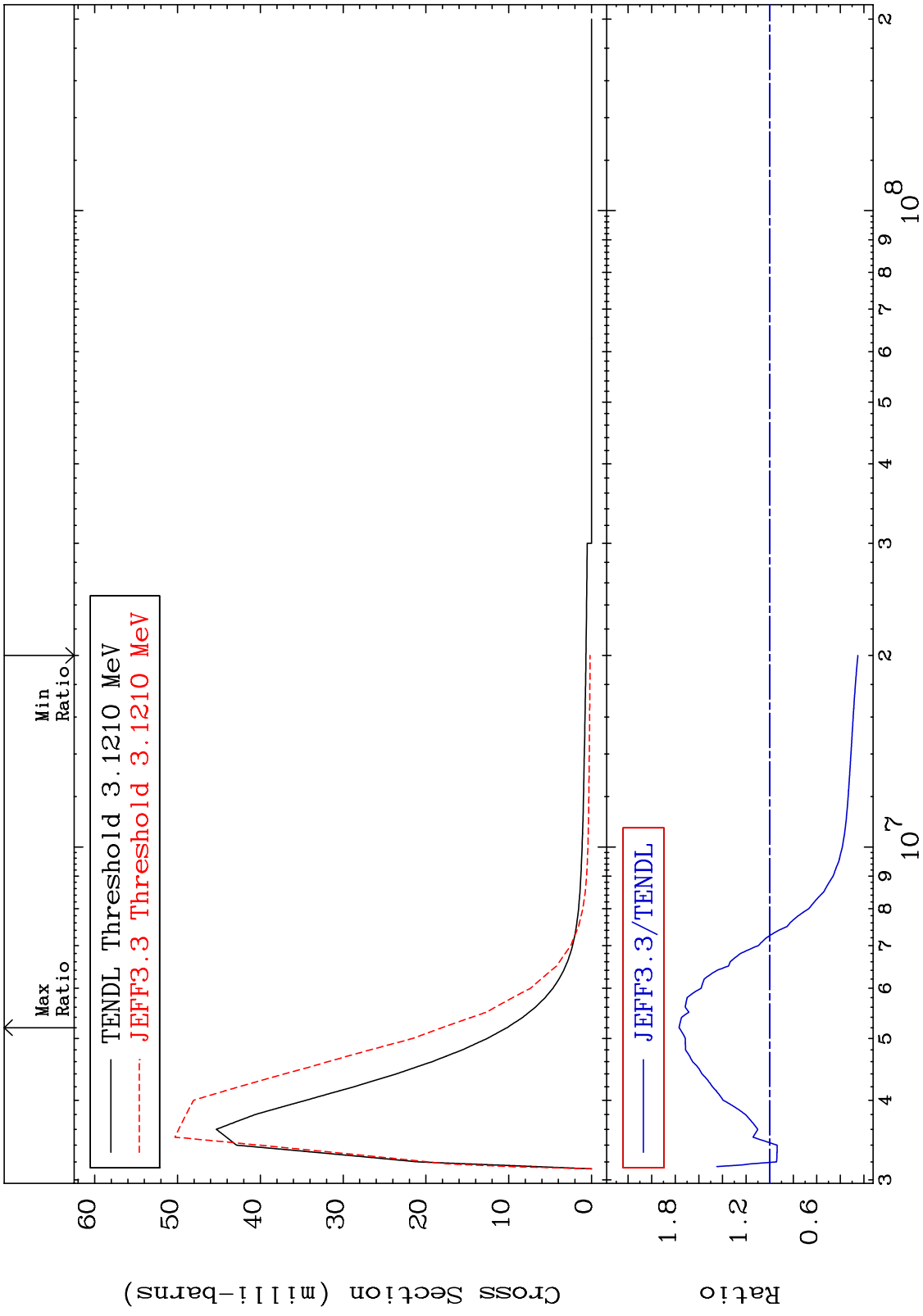
MAT 5025 MT= 70 (n,n') Level Cross Section 50-Sn-112
 -0.402 To 9999. %



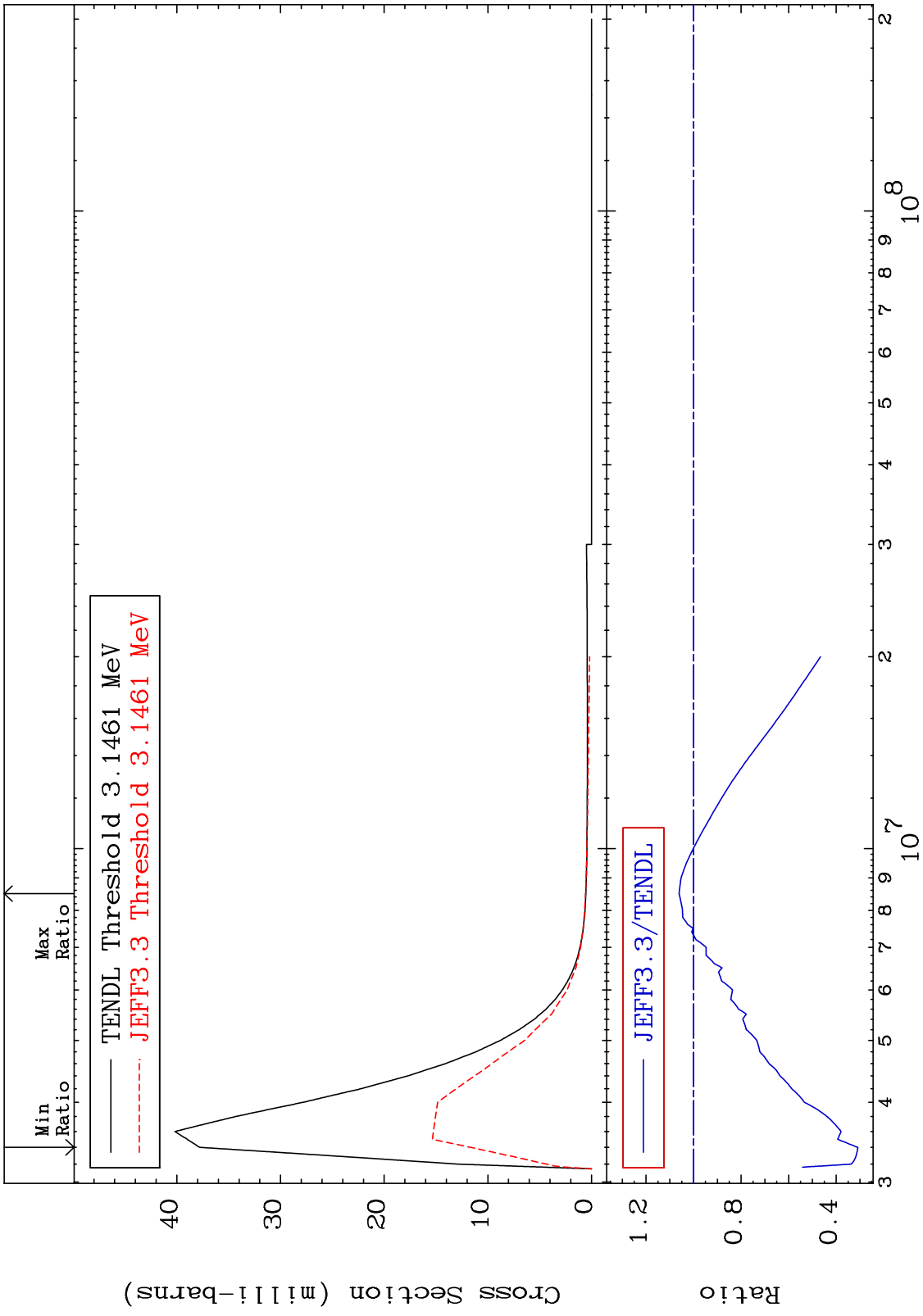
MAT 5025 MT= 71 (n,n') Level Cross Section 50-Sn-112
 -74.35 To 82.17 %



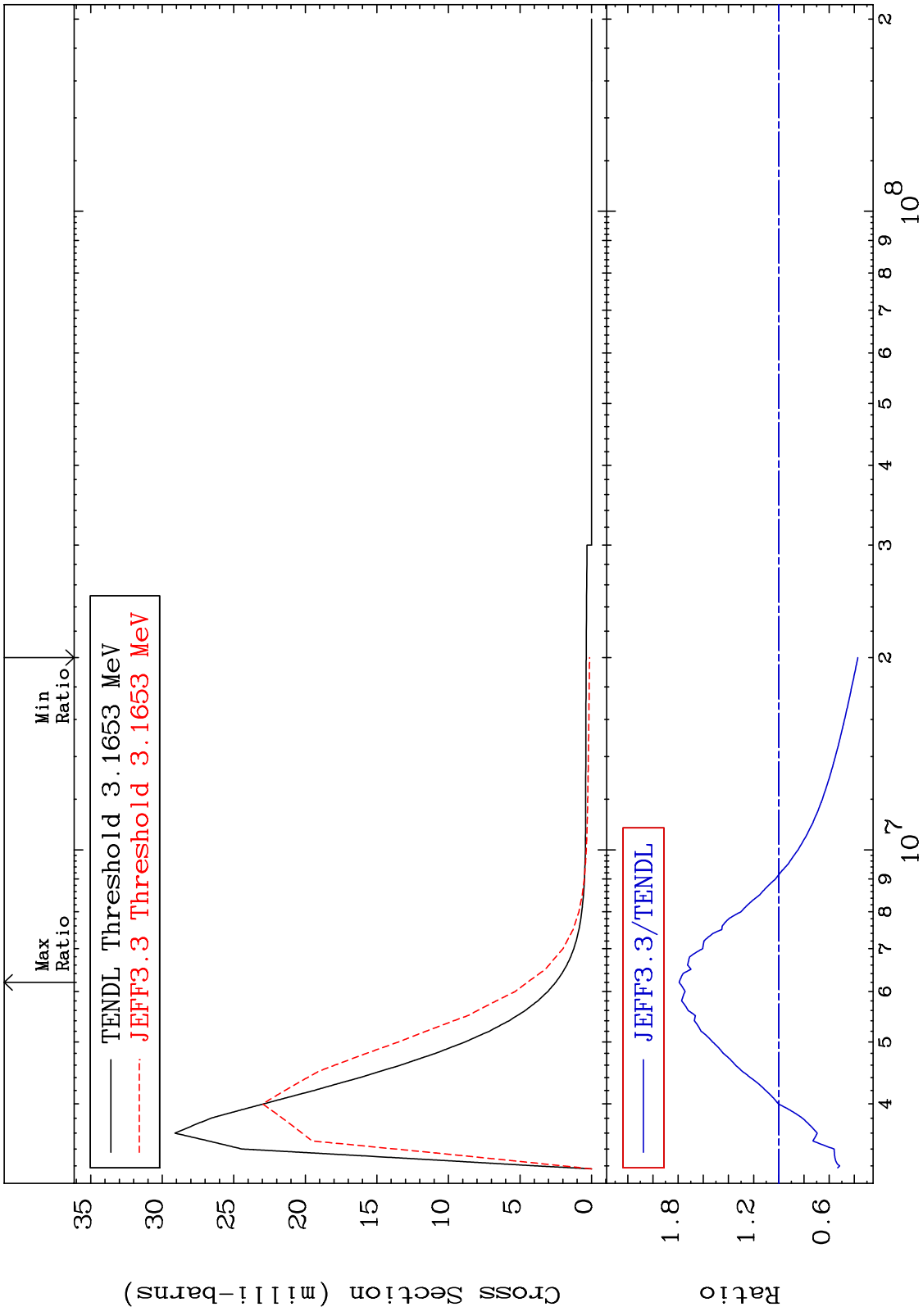
MAT 5025 MT= 72 (n,n') Level Cross Section 50-Sn-112
 -74.79 To 76.78 %



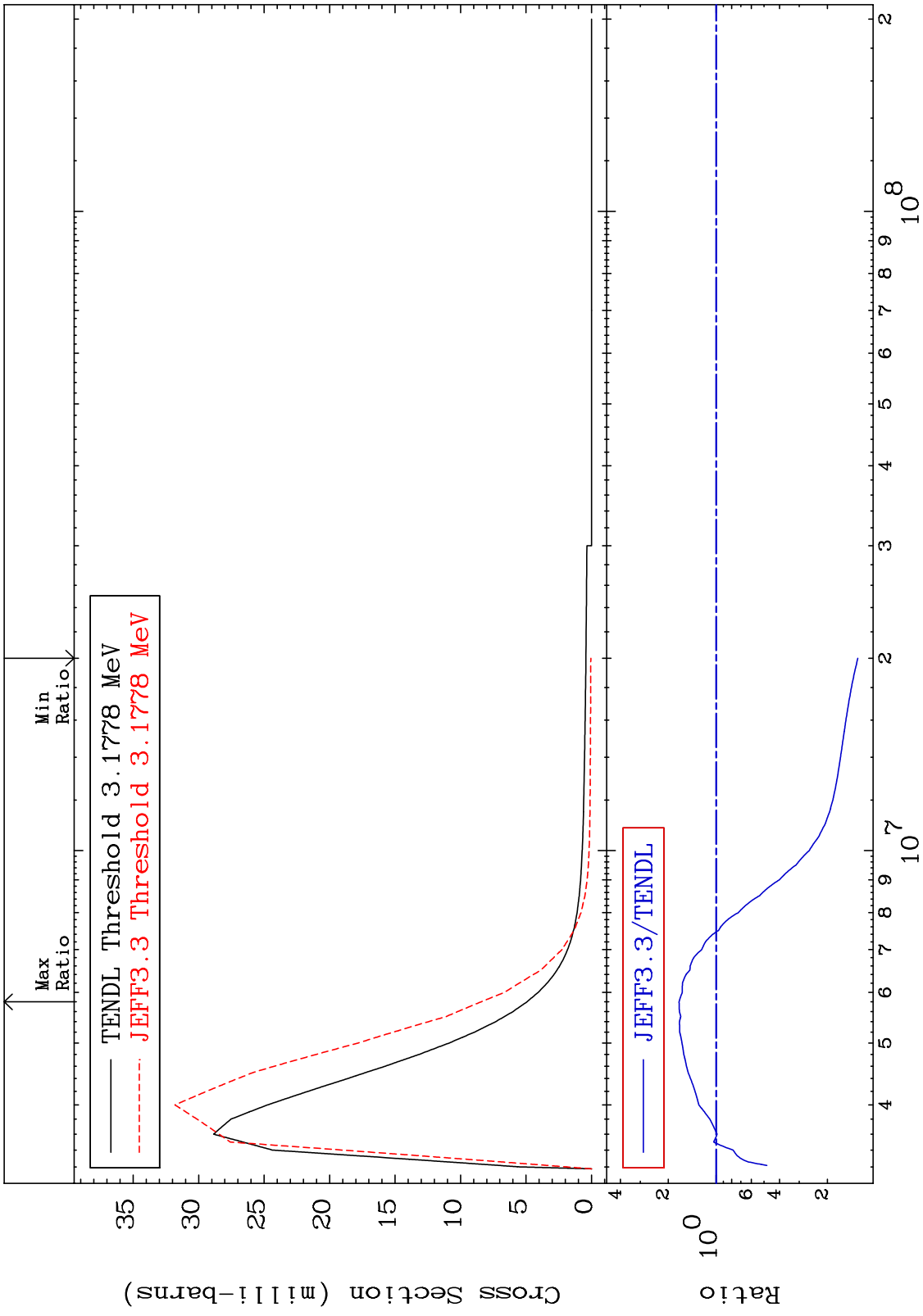
MAT 5025 MT= 73 (n,n') Level Cross Section 50-Sn-112
 -69.11 To 6.123 %



MAT 5025 MT= 74 (n,n') Level Cross Section 50-Sn-112
 -62.75 To 79.26 %



MAT 5025 MT= 75 (n,n') Level Cross Section 50-Sn-112
 -87.14 To 71.10 %

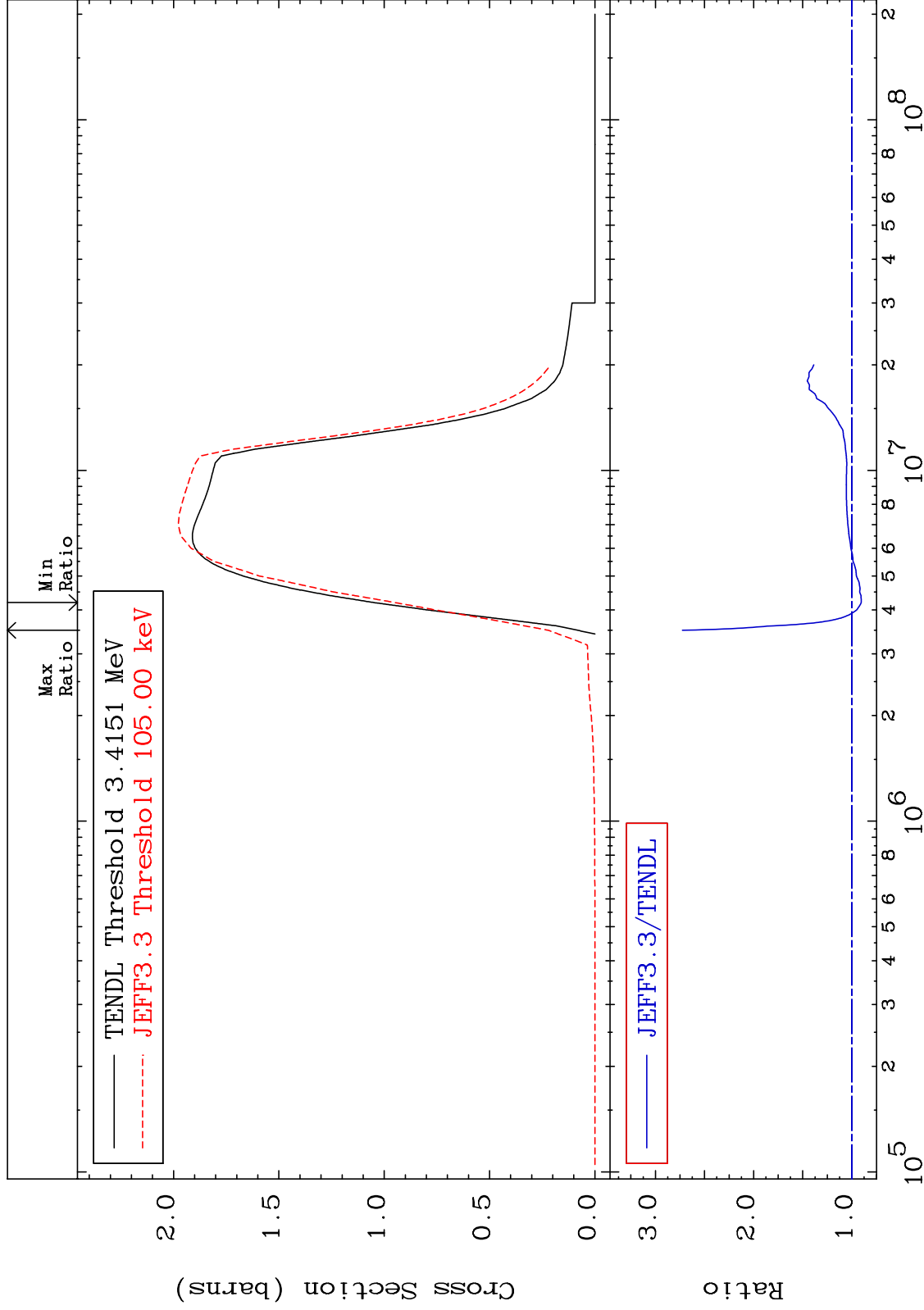


35 Incident Energy (eV) 50-Sn-112

MAT 5025

(n,n') Continuum
Cross Section

50-Sn-112
-9.603 To 172.5 %



36

Incident Energy (eV)

50-Sn-112

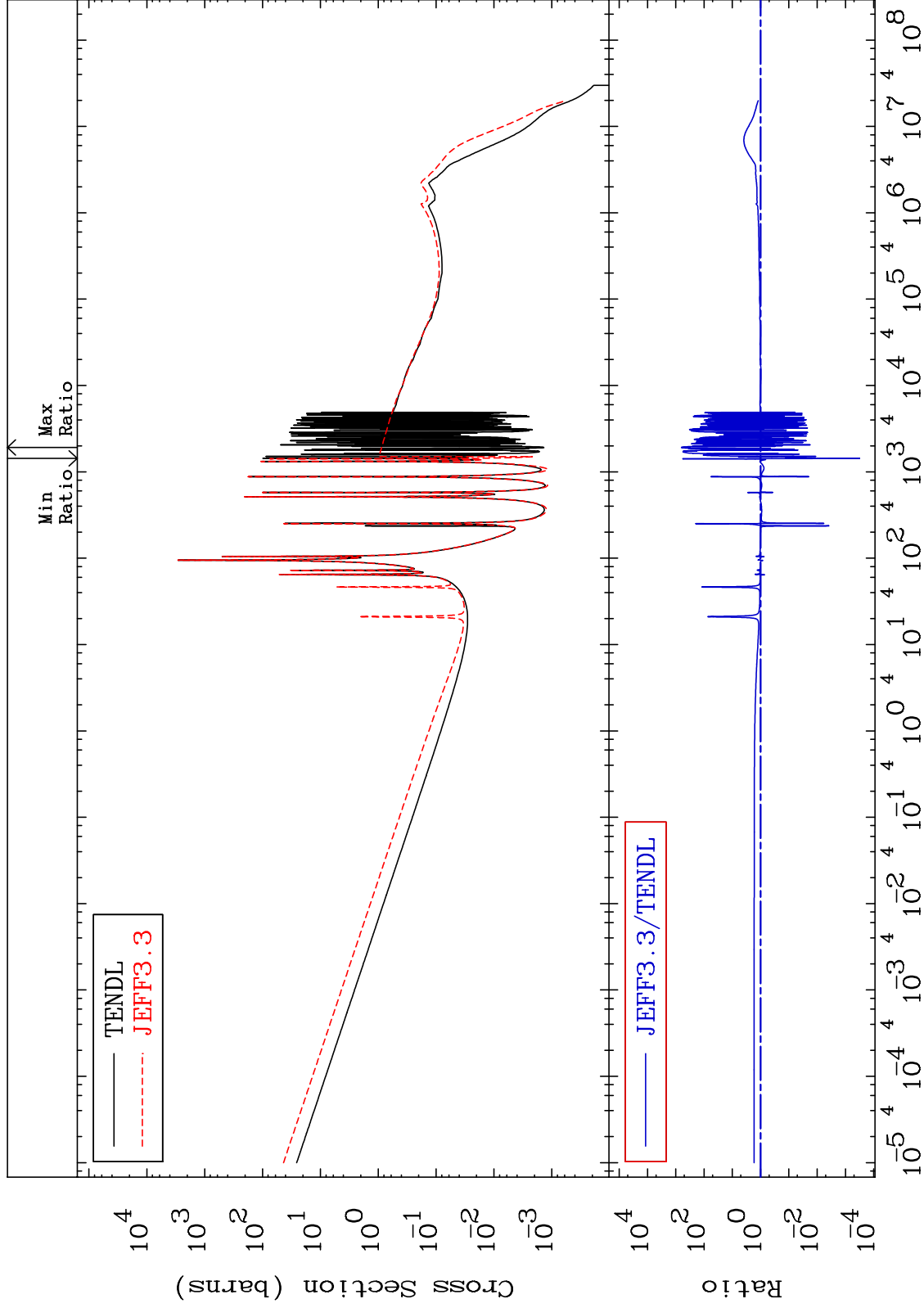
MAT 5025

(n, γ)

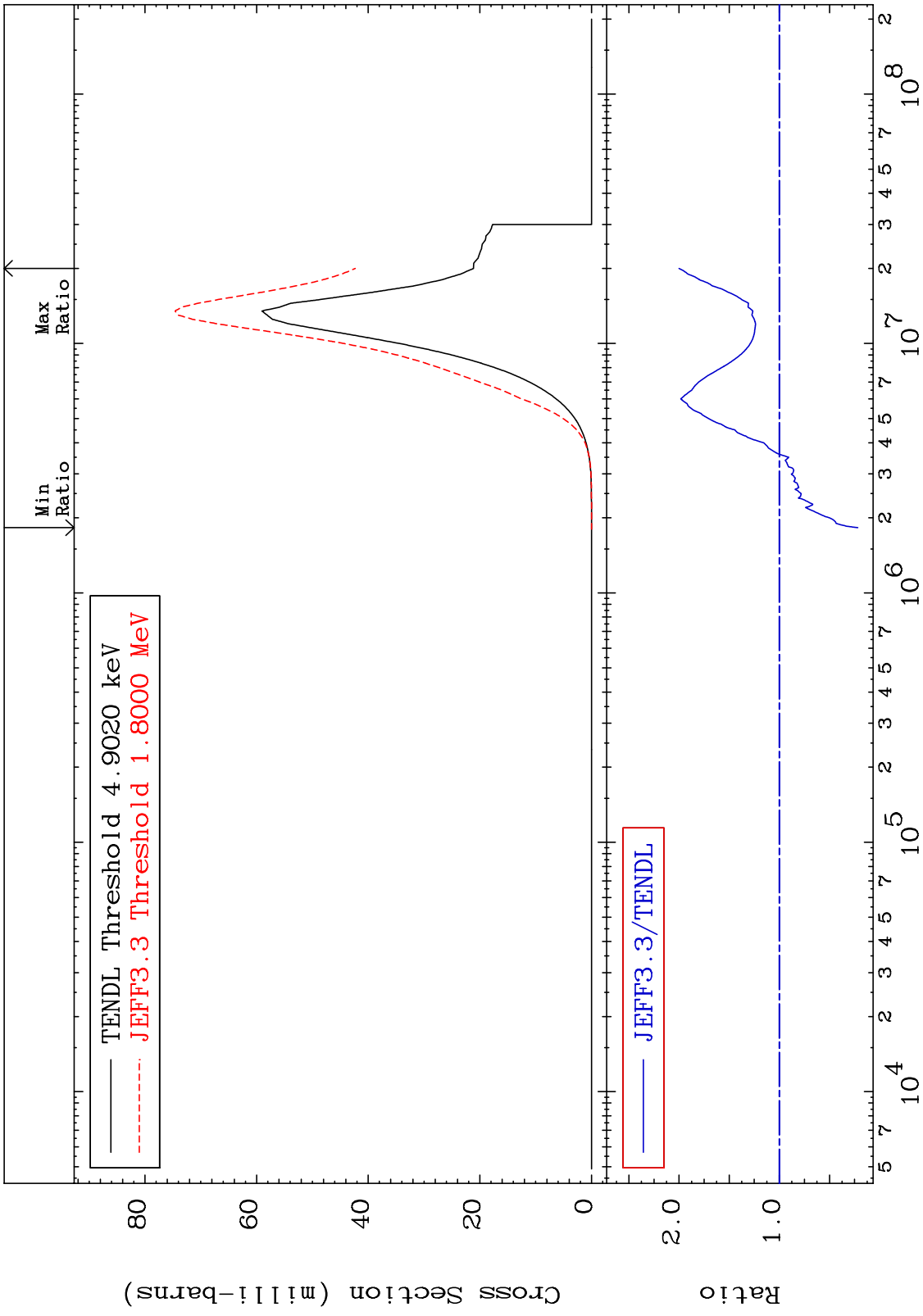
50-Sn-112

-99.97 To 9999. %

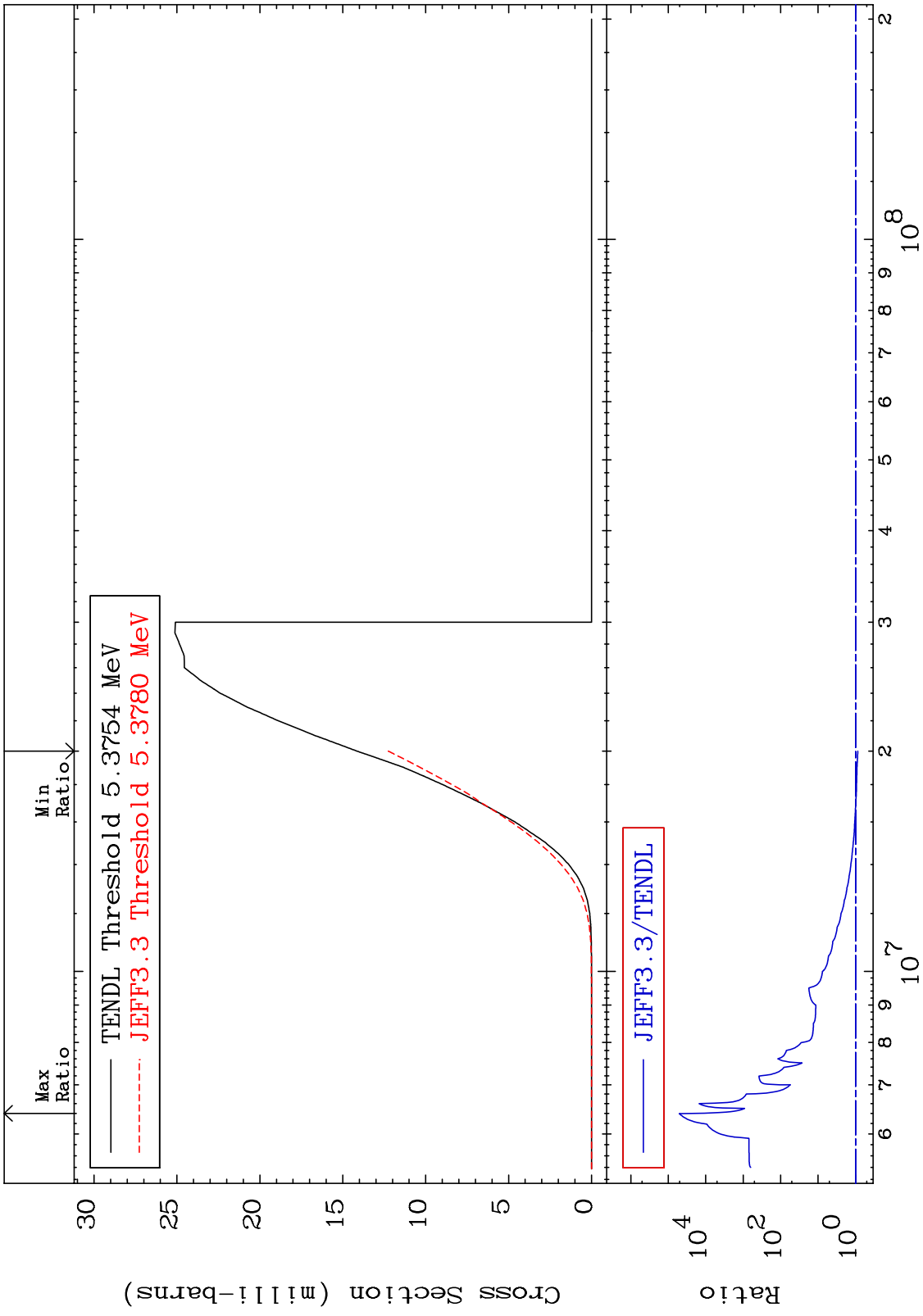
Cross Section



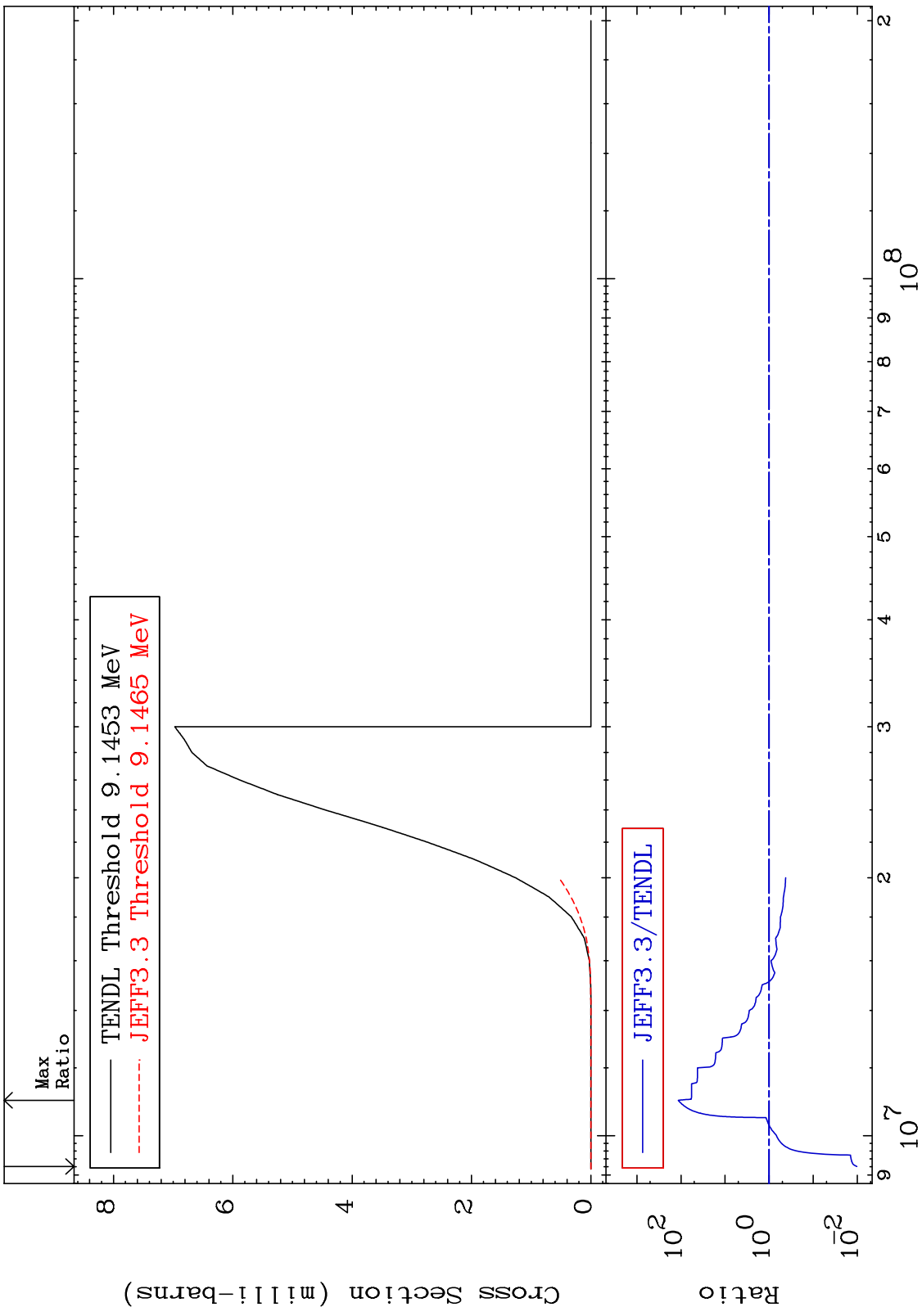
MAT 5025 (n,p) Cross Section 50-Sn-112 -78.27 To 100.0 %



MAT 5025 (n,d) 50-Sn-112
 Cross Section -13.38 To 9999. %

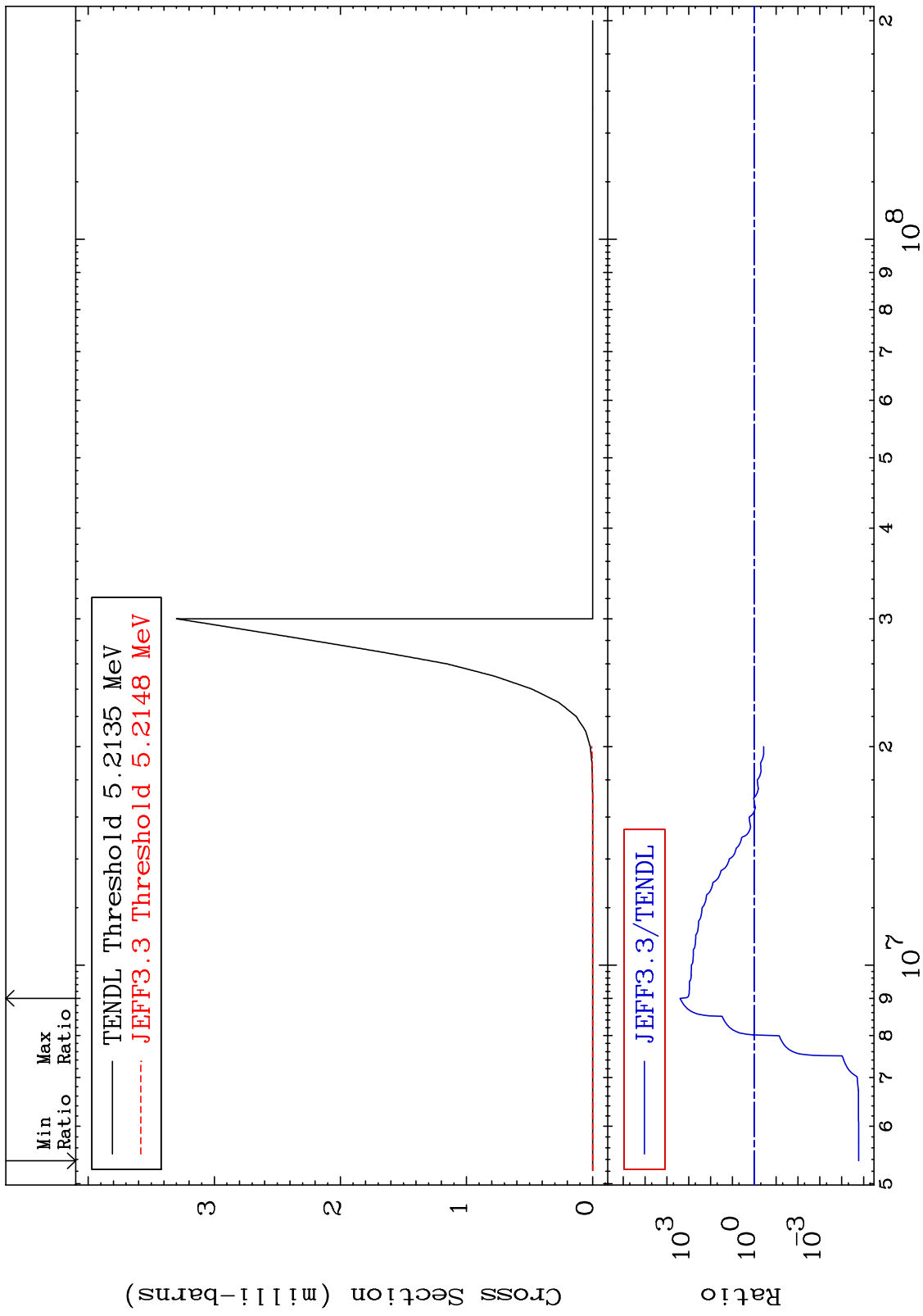


MAT 5025 (n,t) 50-Sn-112
 Cross Section -98.98 To 9999. %



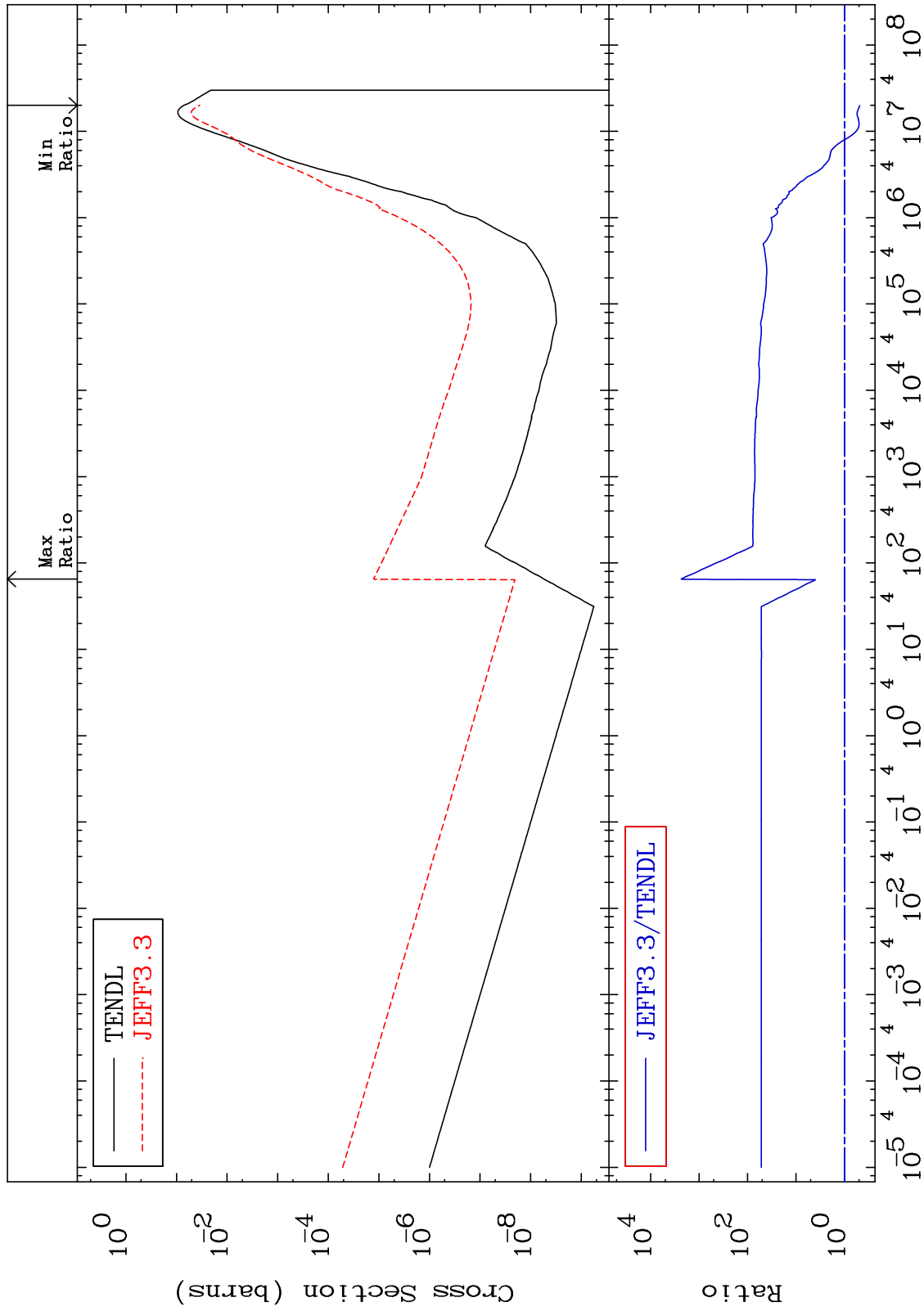
Incident Energy (eV) 50-Sn-112

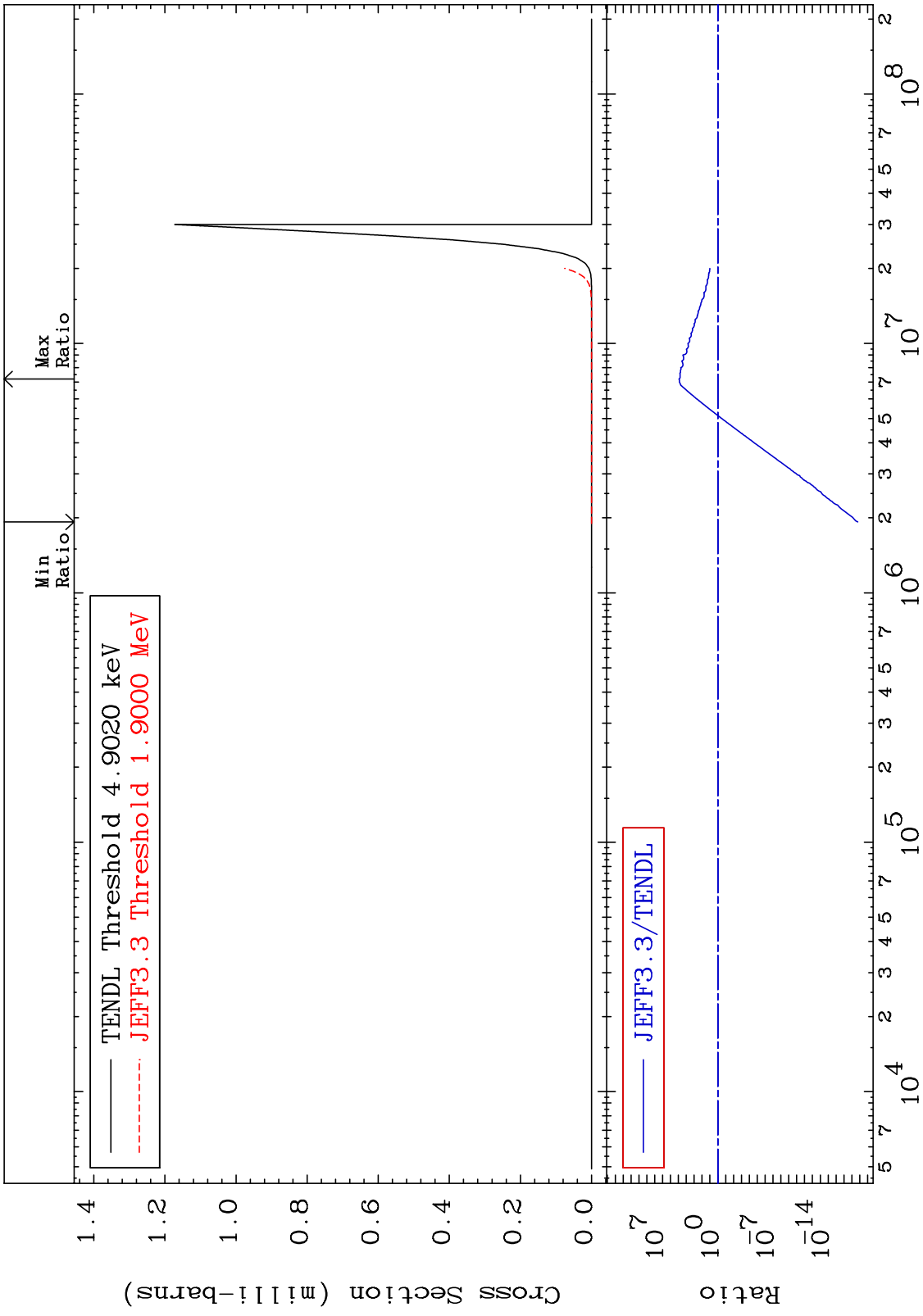
MAT 5025 (n, He-3) 50-Sn-112
 Cross Section -100.0 To 9999. %



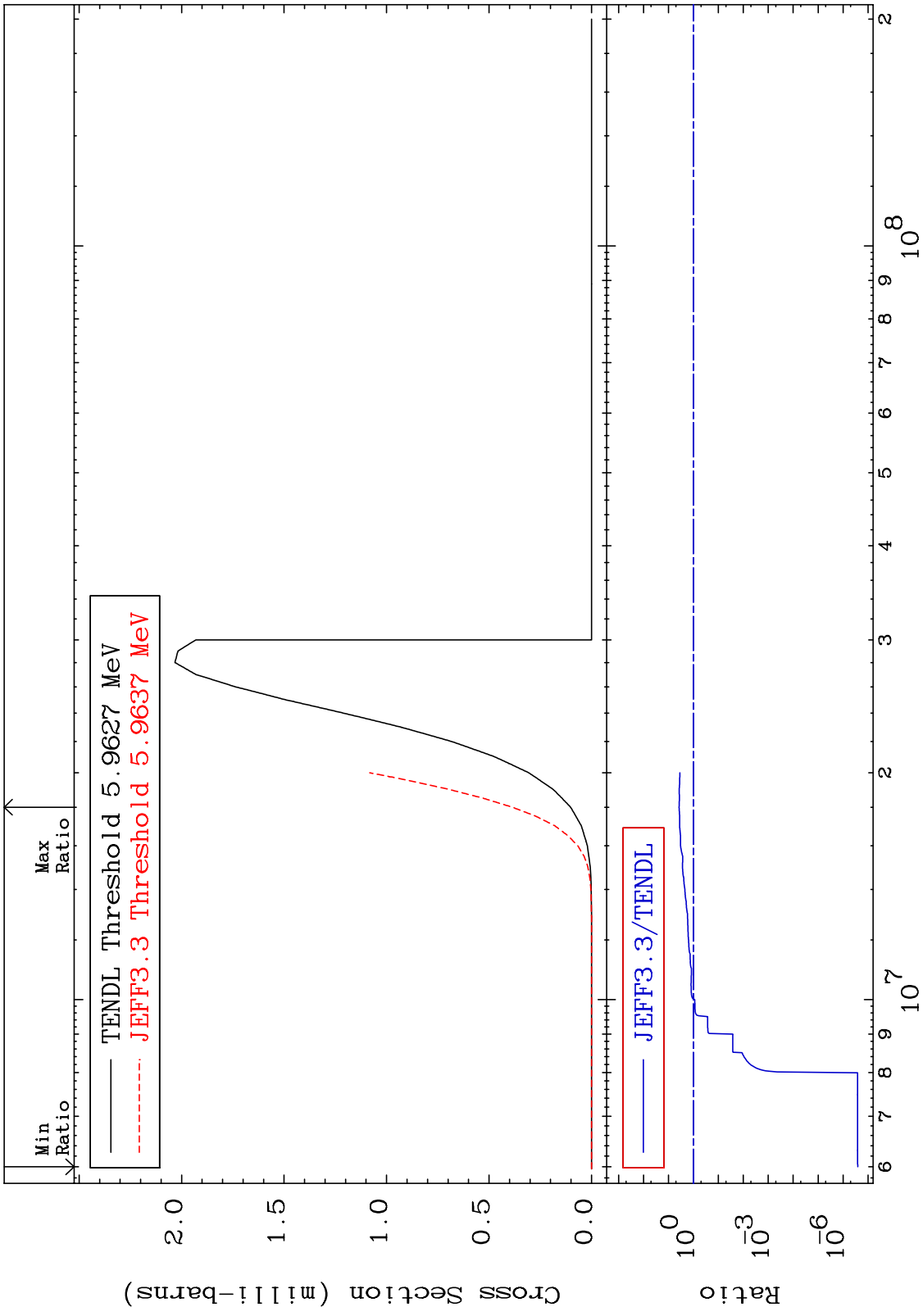
MAT 5025

(n, α) Cross Section
50-Sn-112
-51.49 To 9999. %

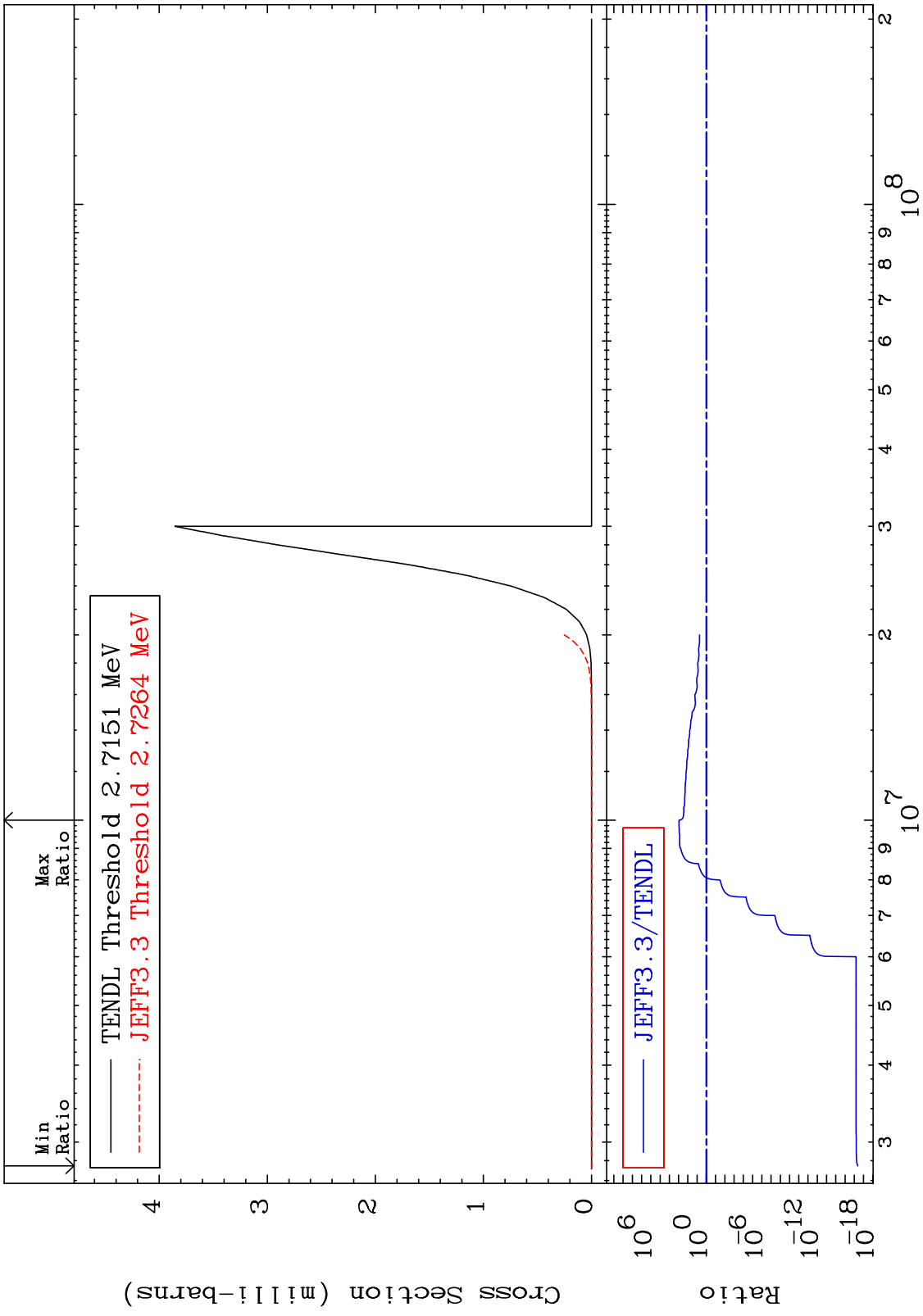




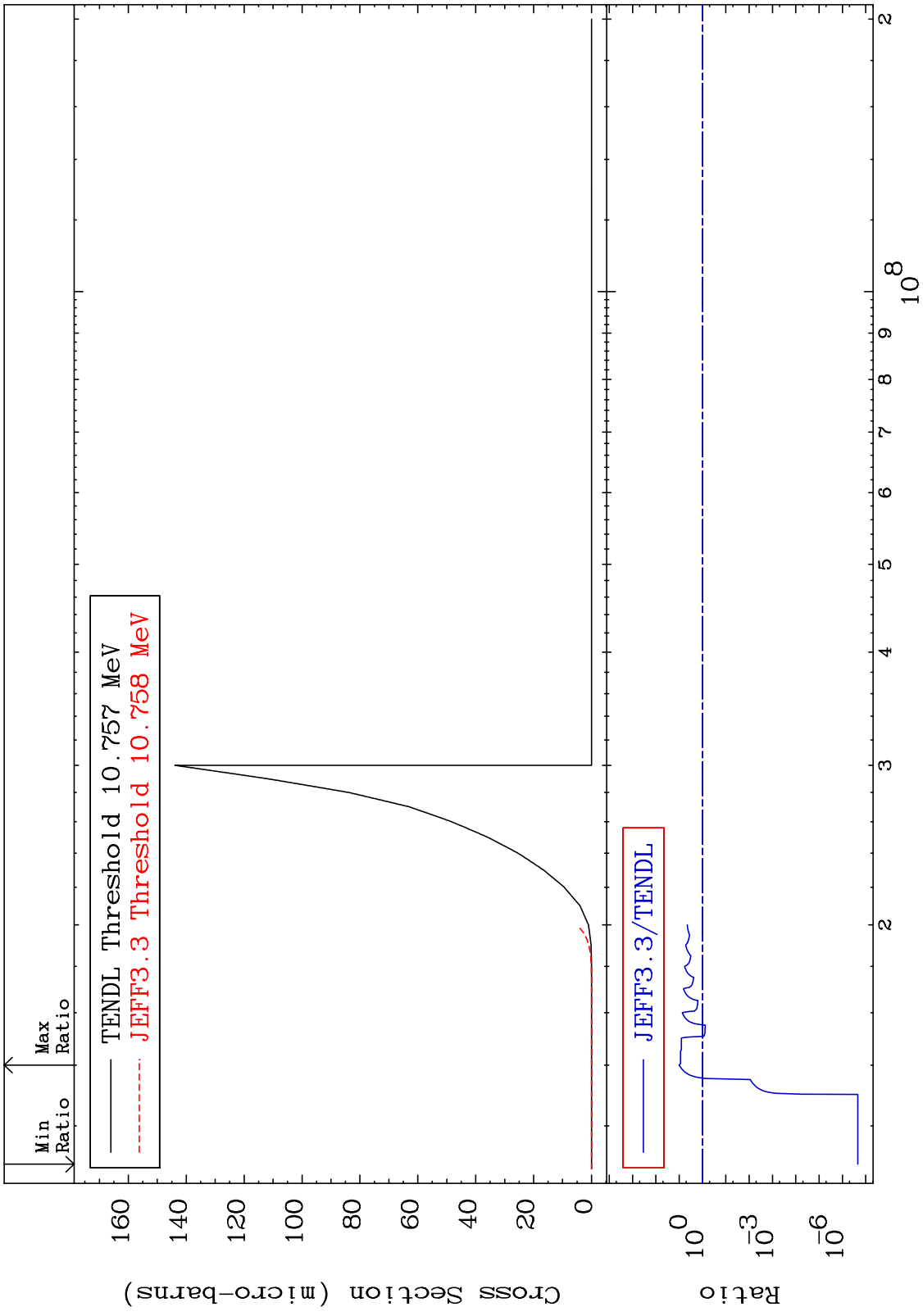
MAT 5025 50-Sn-112
-100.0 To 278.2 %
 (n,2p) Cross Section



MAT 5025 $(n,p) \alpha$ 50-Sn-112
 Cross Section -100.0 To 9999. %



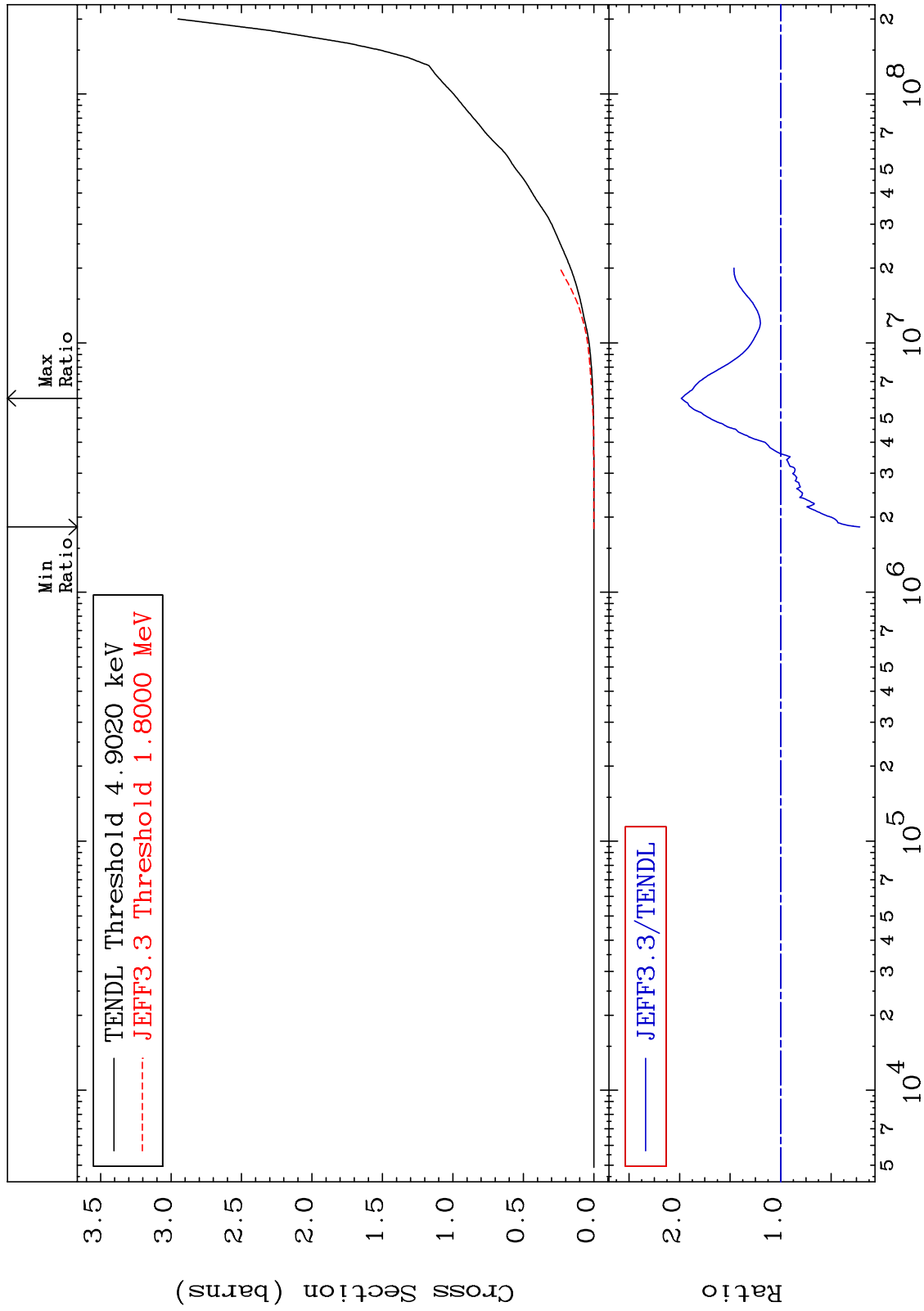
MAT 5025 (n,p) d 50-Sn-112
 Cross Section -100.0 To 917.5 %



MAT 5025

Hydrogen Production
Cross Section

50-Sn-112
-78.27 To 98.34 %

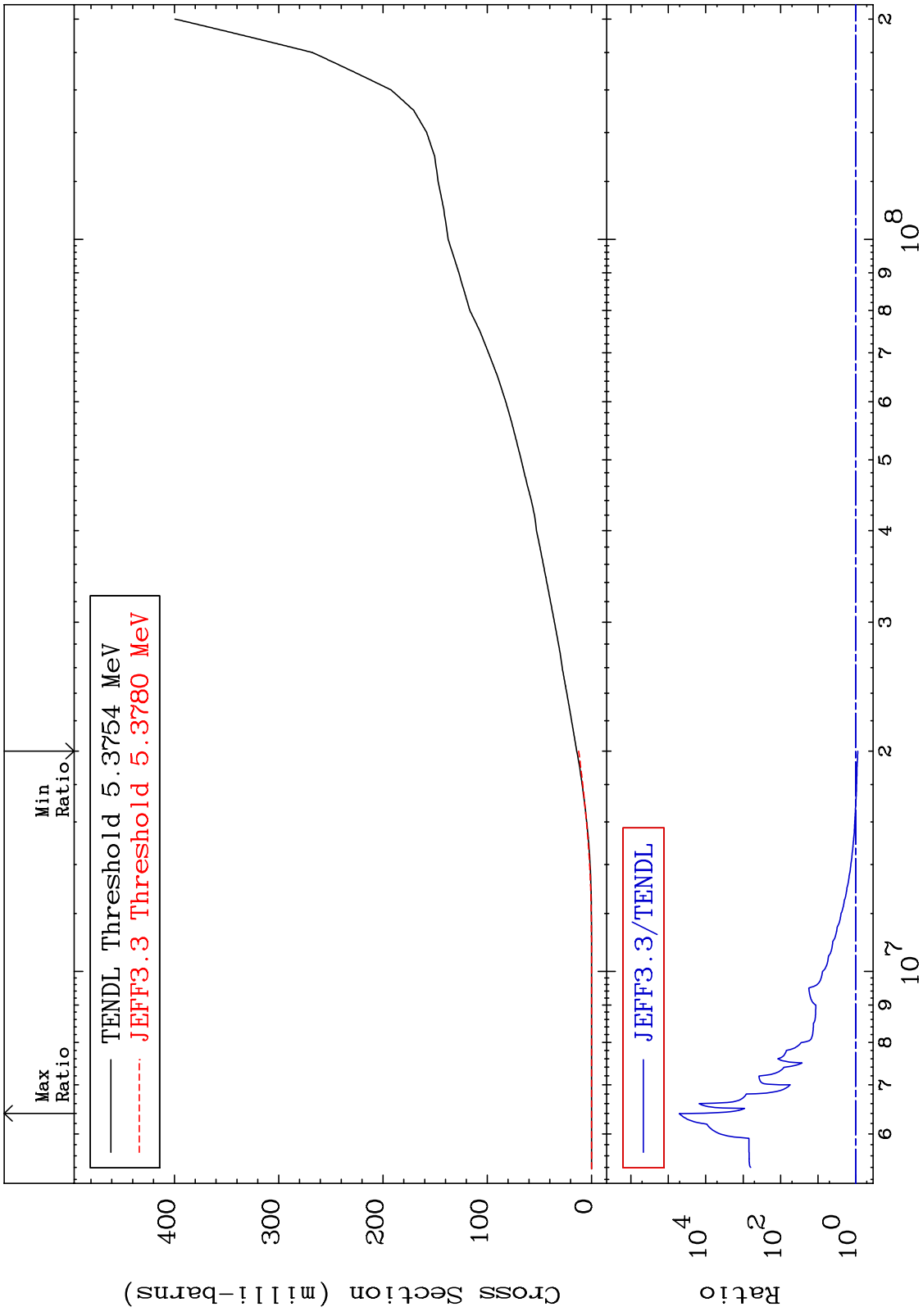


47

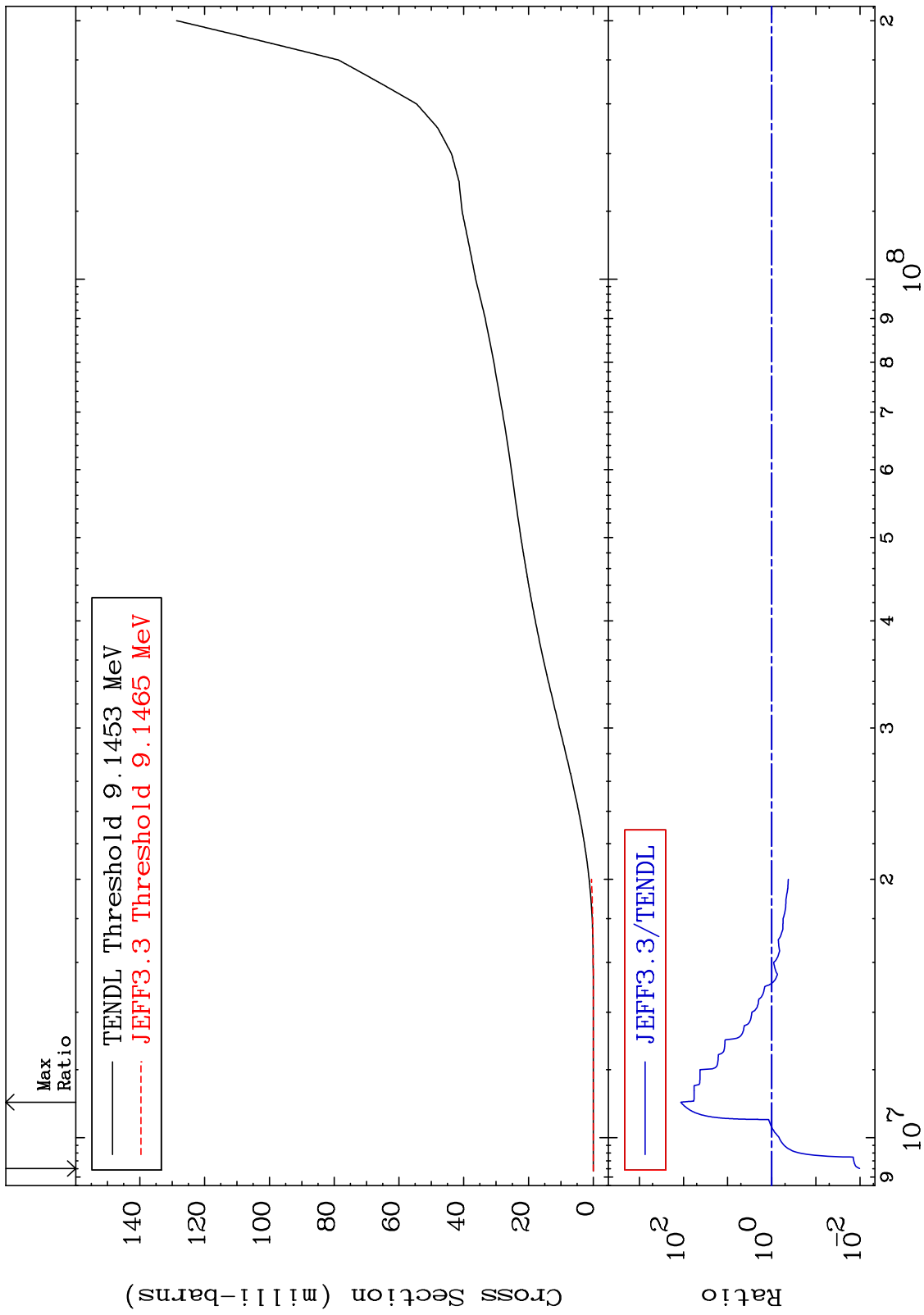
Incident Energy (eV)

50-Sn-112

MAT 5025 Deuterium Production Cross Section 50-Sn-112 -13.31 To 9999. %

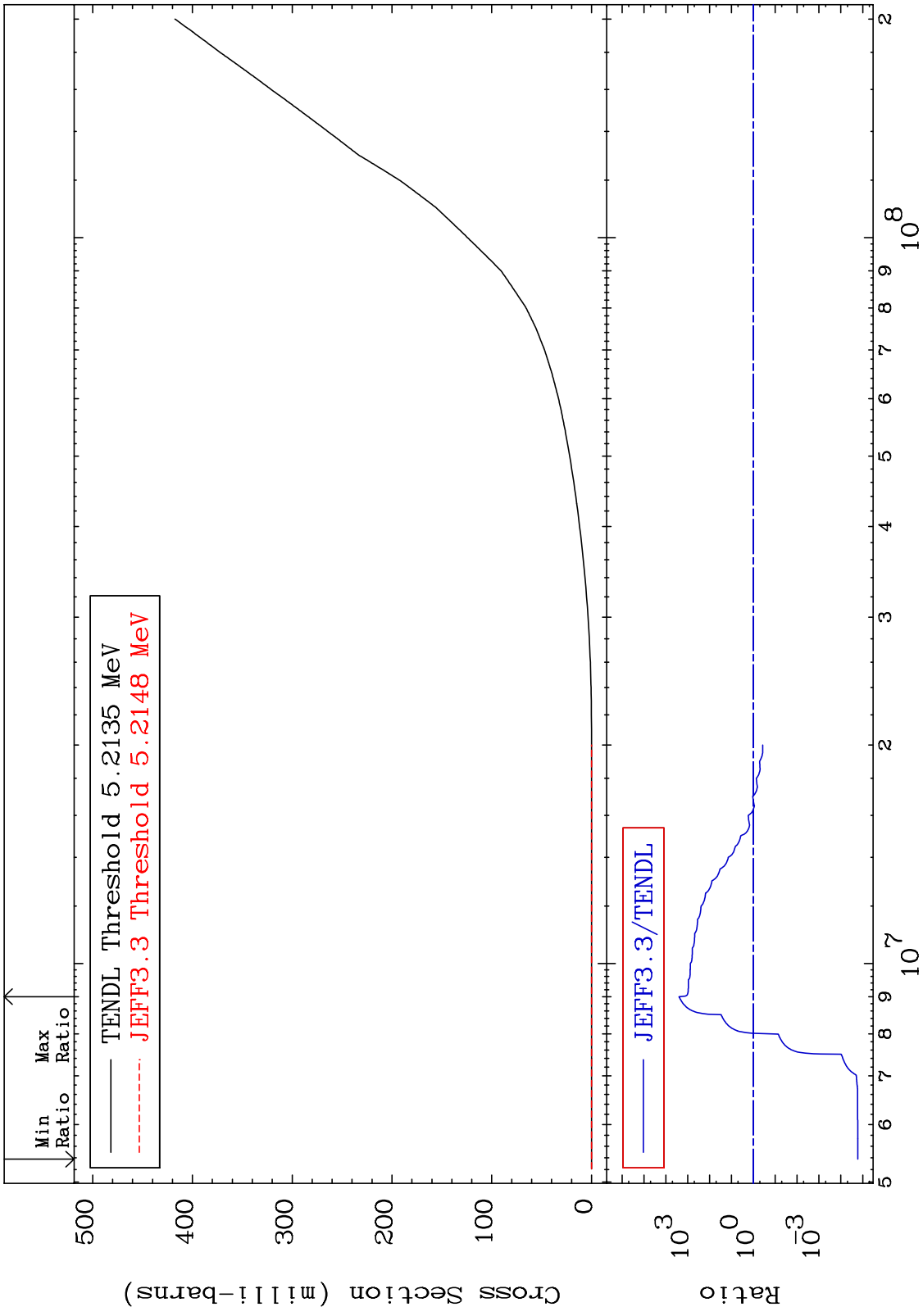


MAT 5025 Tritium Production Cross Section 50-Sn-112 -98.98 To 9999. %



49 50-Sn-112

MAT 5025 He-3 Production Cross Section 50-Sn-112 -100.0 To 9999. %

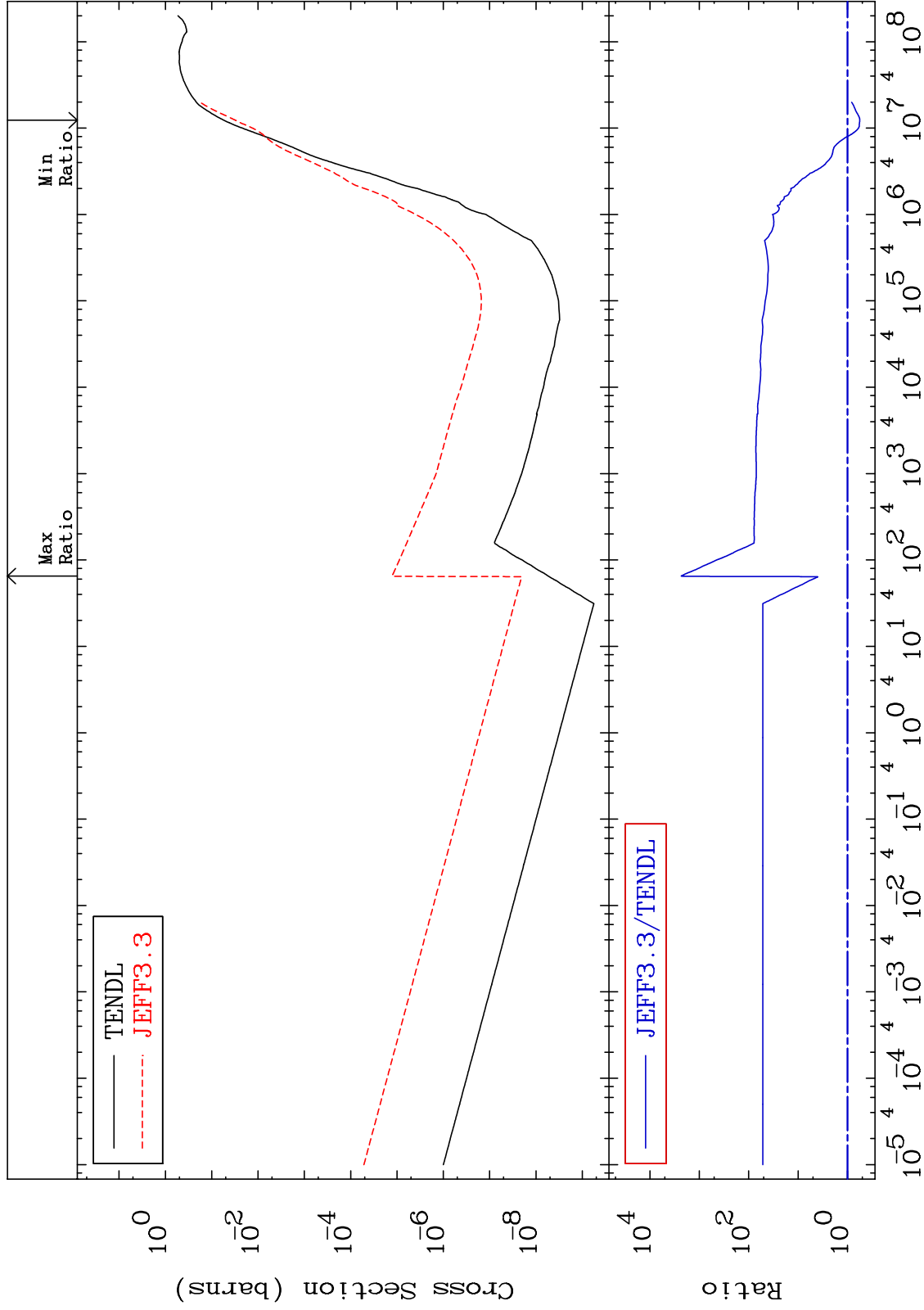


50 50-Sn-112

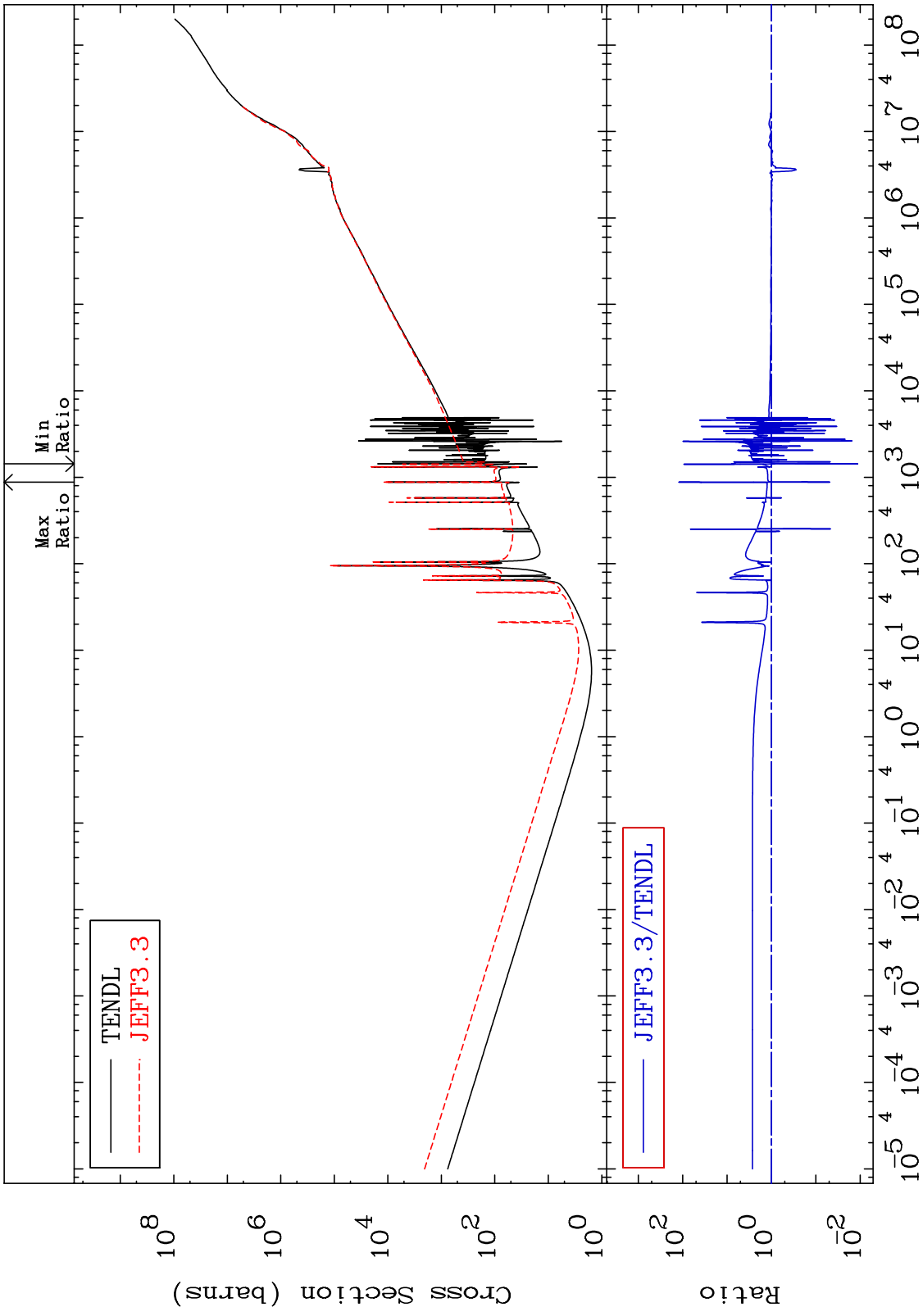
MAT 5025

He-4 Production
Cross Section

50-Sn-112
-43.73 To 9999. %



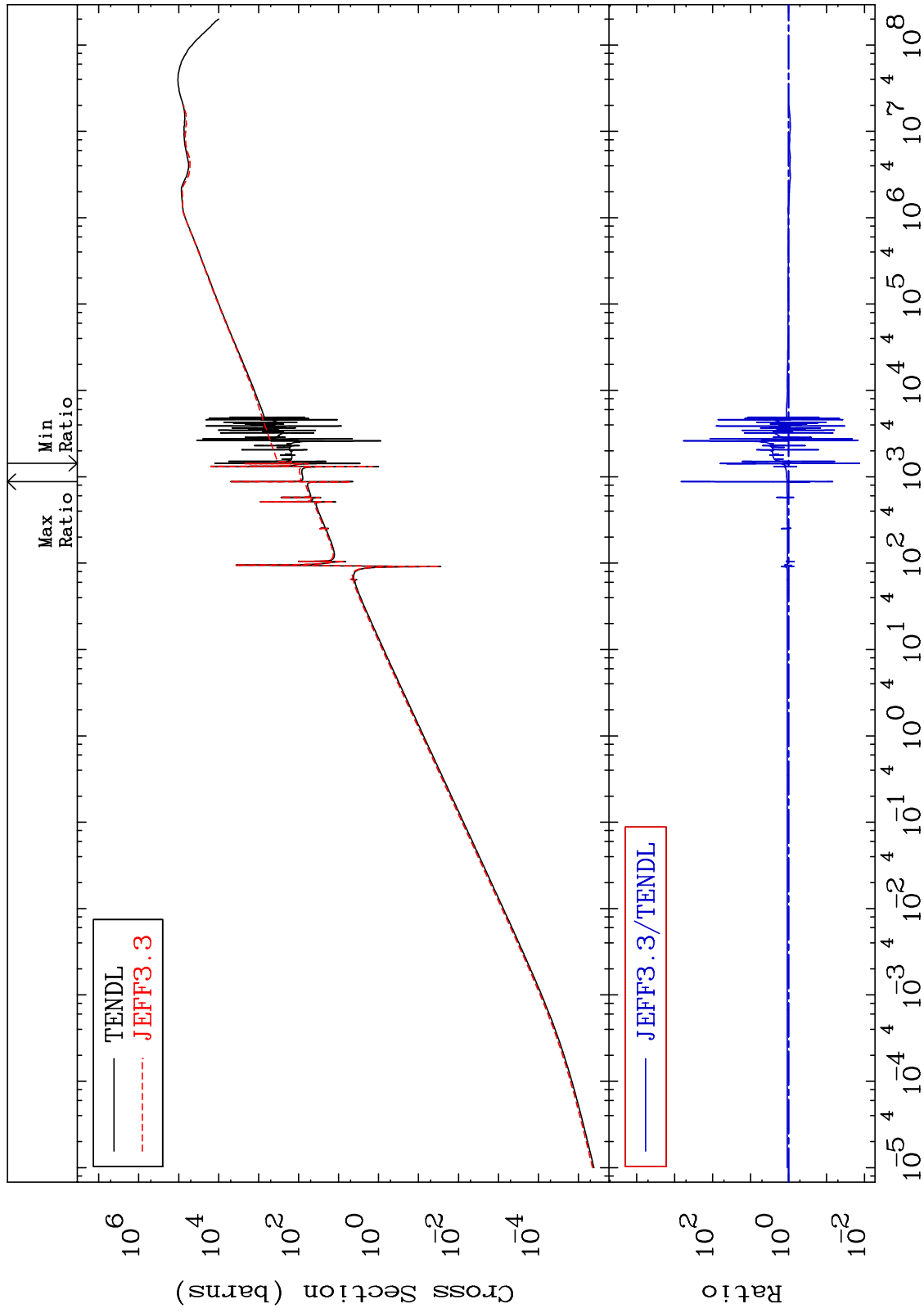
MAT 5025 Kerma total (eV-barns) 50-Sn-112
 Cross Section -98.87 To 9999. %



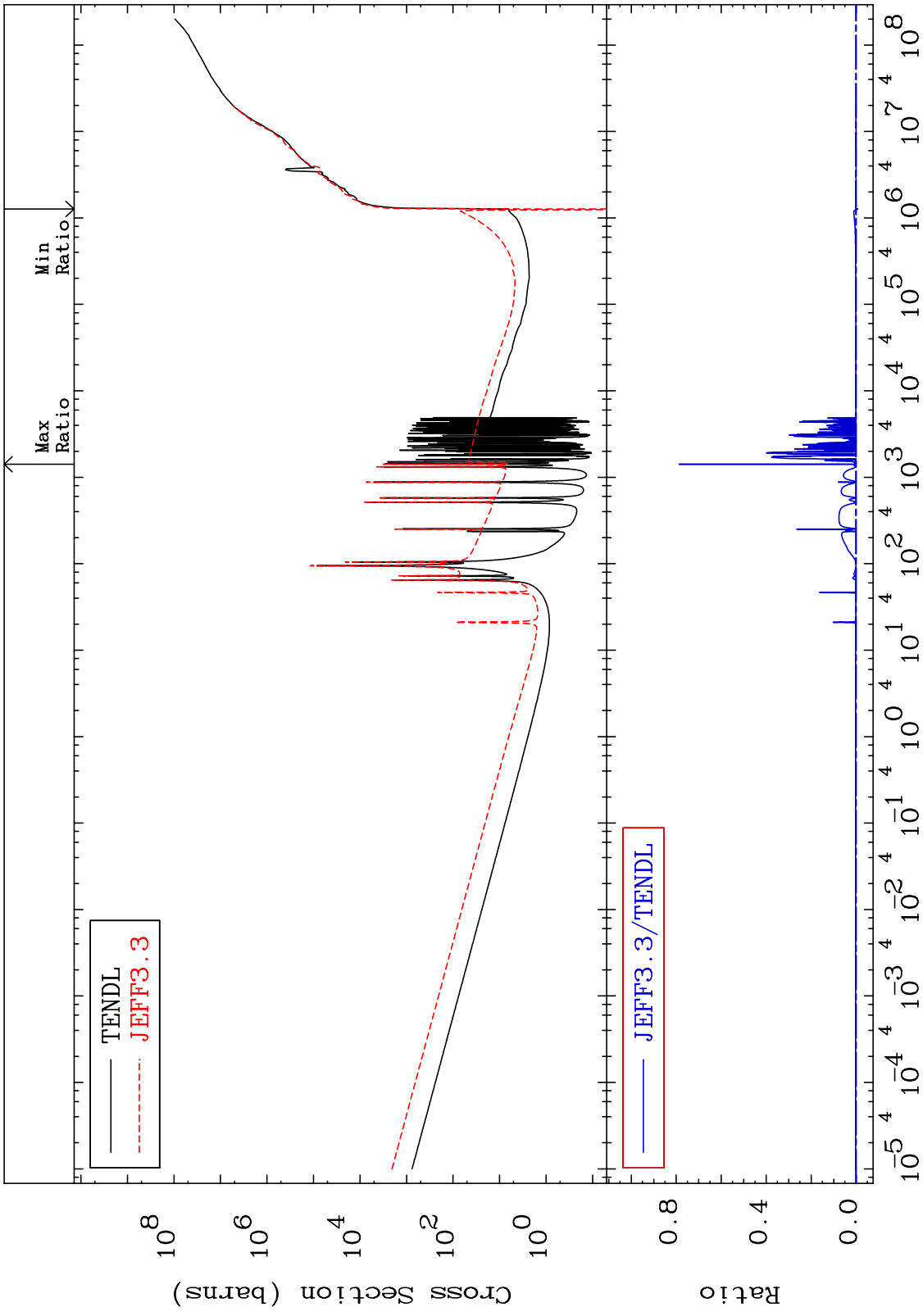
MAT 5025

Kerma elastic
Cross Section

50-Sn-112
-98.67 To 9999. %



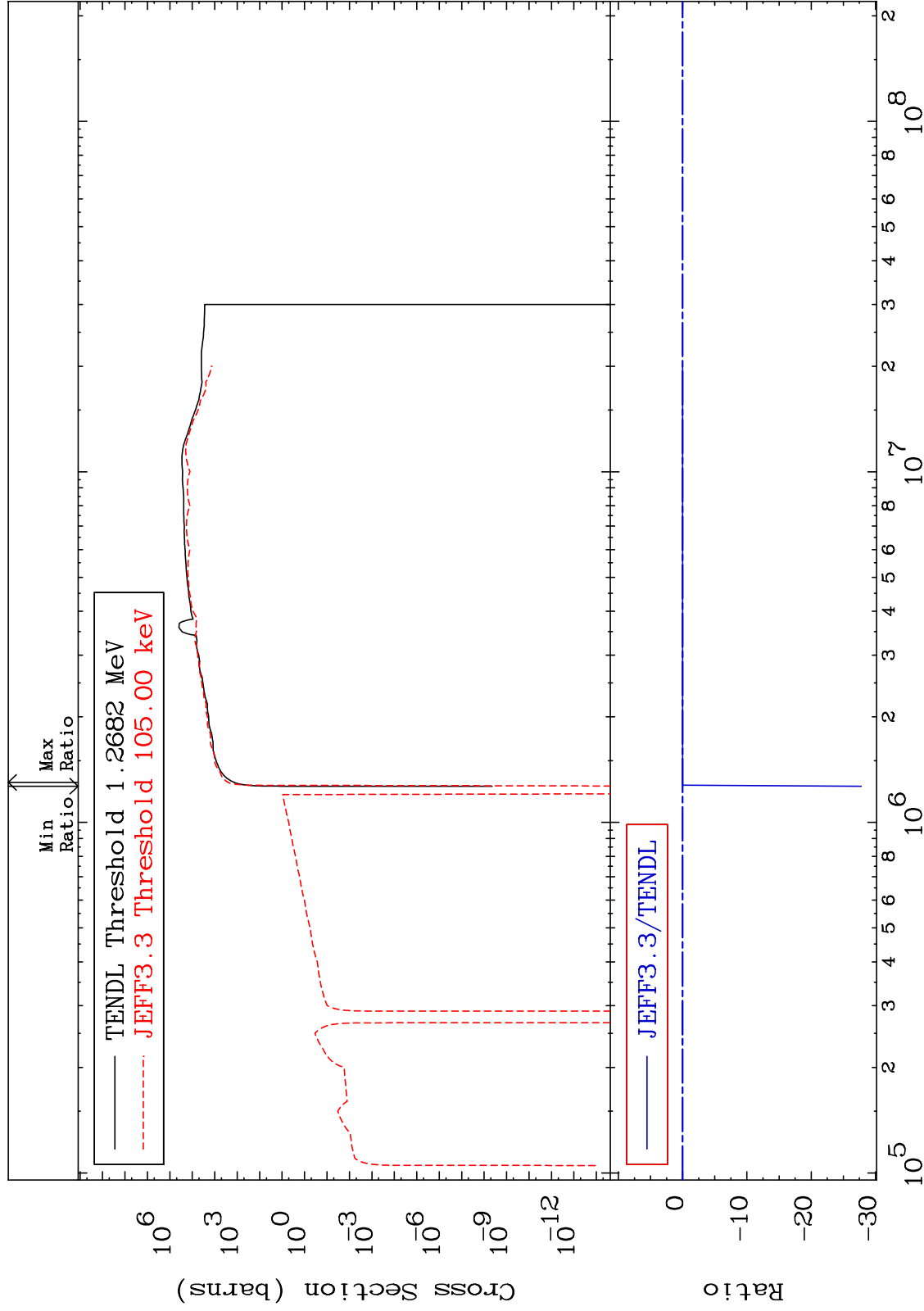
MAT 5025 Kerma non-elastic (all but mt2) 50-Sn-112
 Cross Section -839.1 To 9999. %



MAT 5025

Kerma inelastic (mt51-91)
Cross Section

50-Sn-112
-9999. To 89.51 %



55

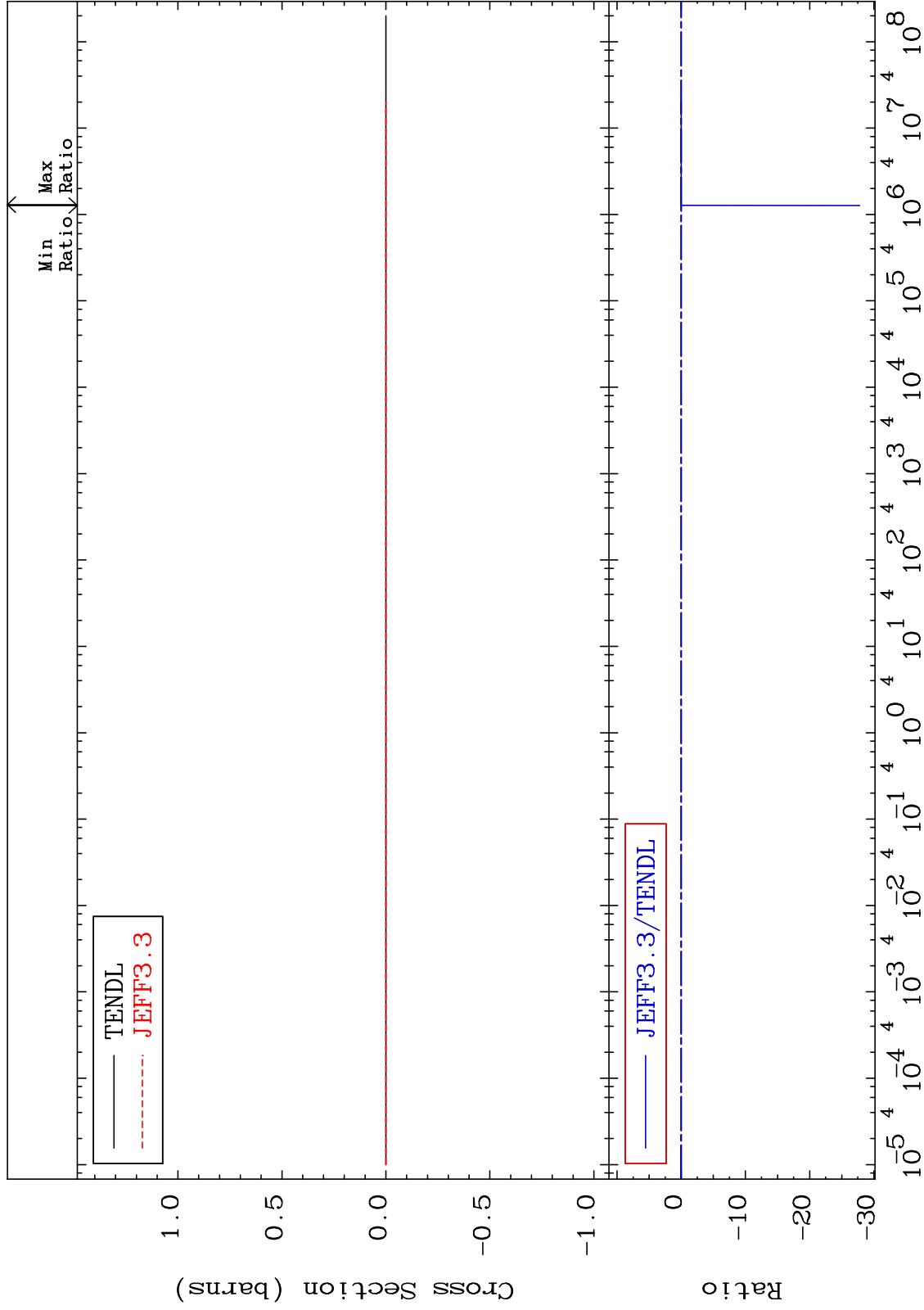
Incident Energy (eV)

50-Sn-112

MAT 5025

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

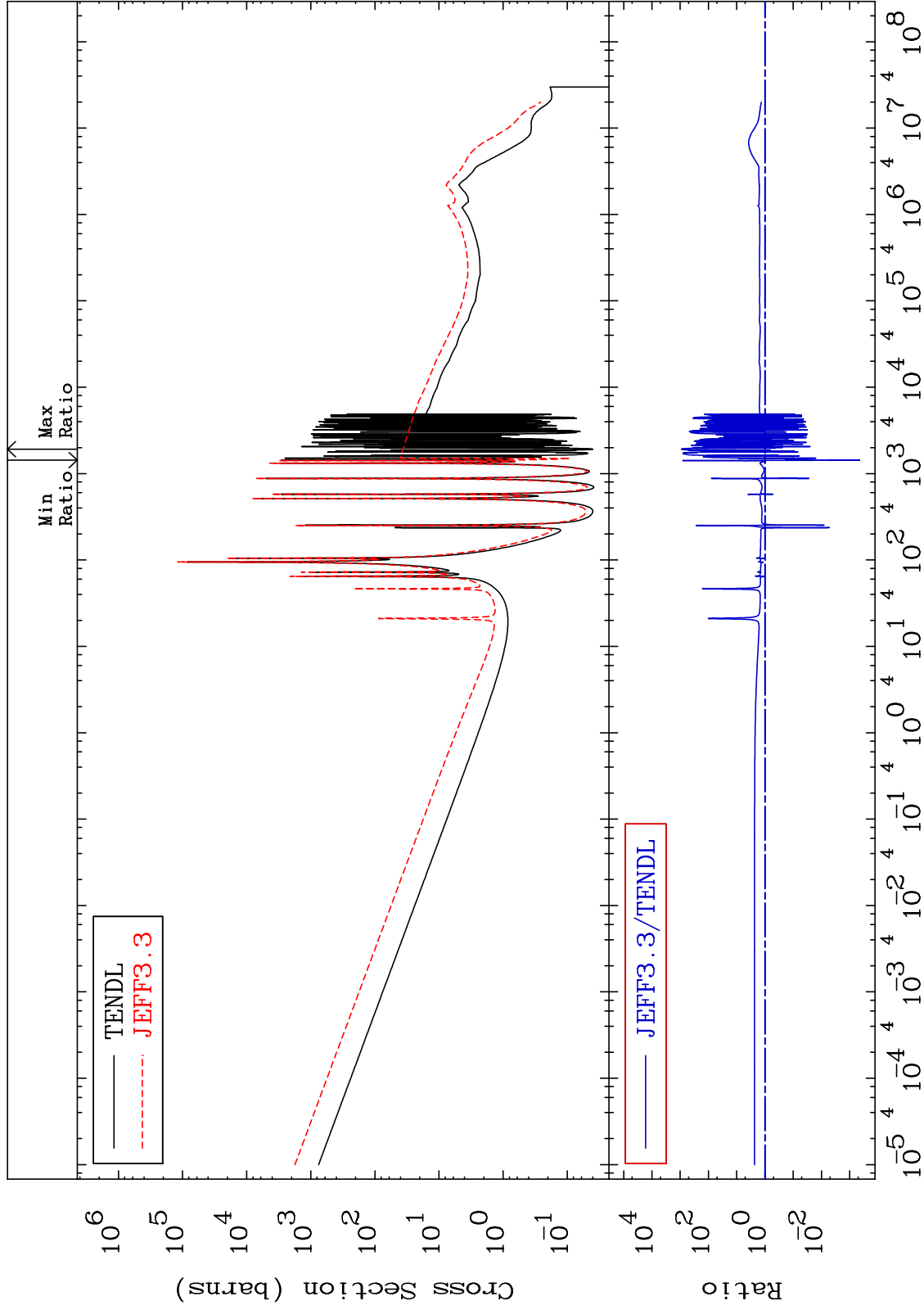
50-Sn-112
-9999. To 89.51 %



MAT 5025

Kerma capture (mt102)
Cross Section

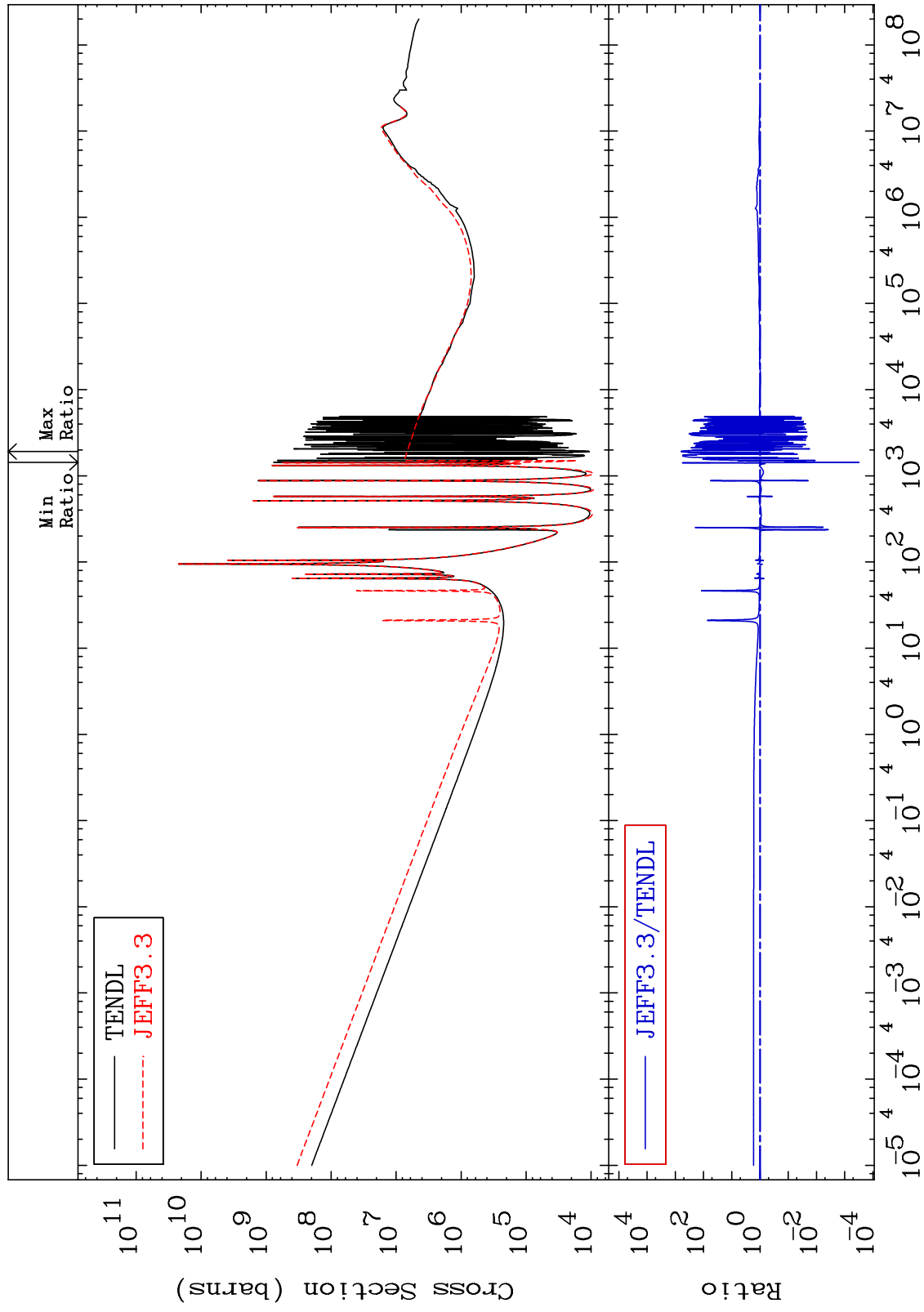
50-Sn-112
-99.96 To 9999. %



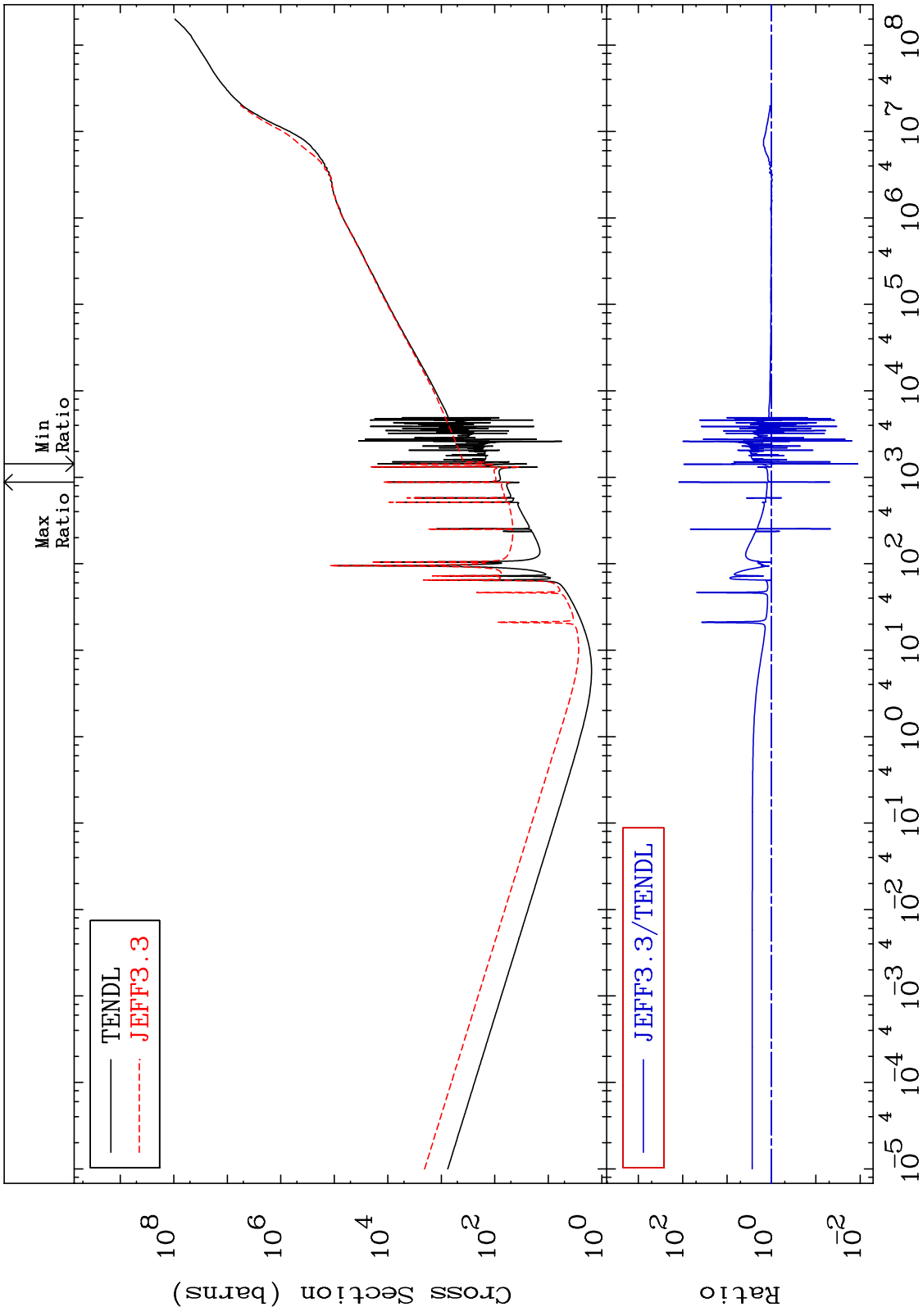
MAT 5025

Total photon (eV-barns)
Cross Section

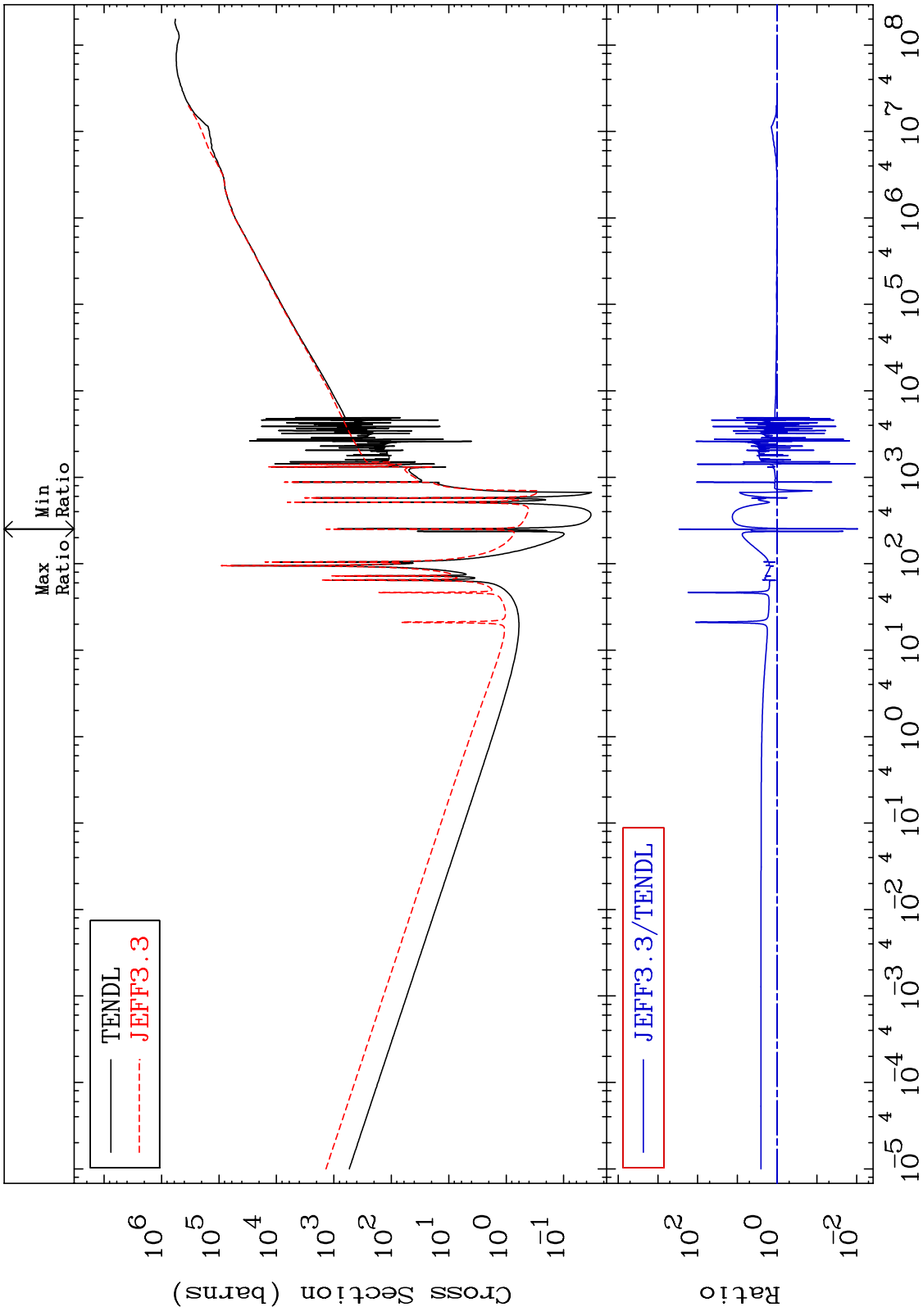
50-Sn-112
-99.97 To 9999. %



MAT 5025 Total kinematic kerma (high limit) 50-Sn-112
 Cross Section -98.87 To 9999. %

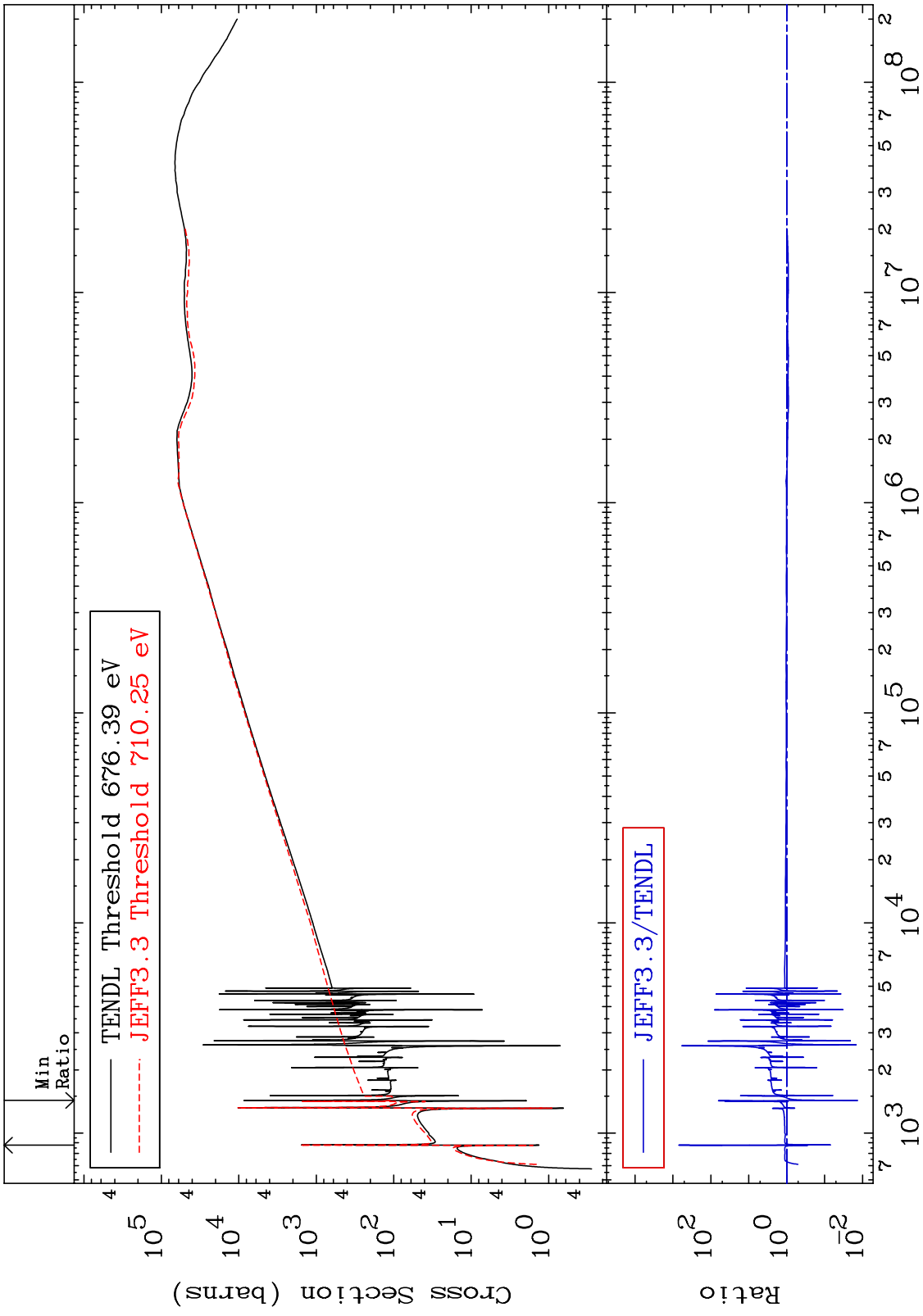


MAT 5025 Dpa total (eV-barns) 50-Sn-112
 Cross Section -99.07 To 9999. %

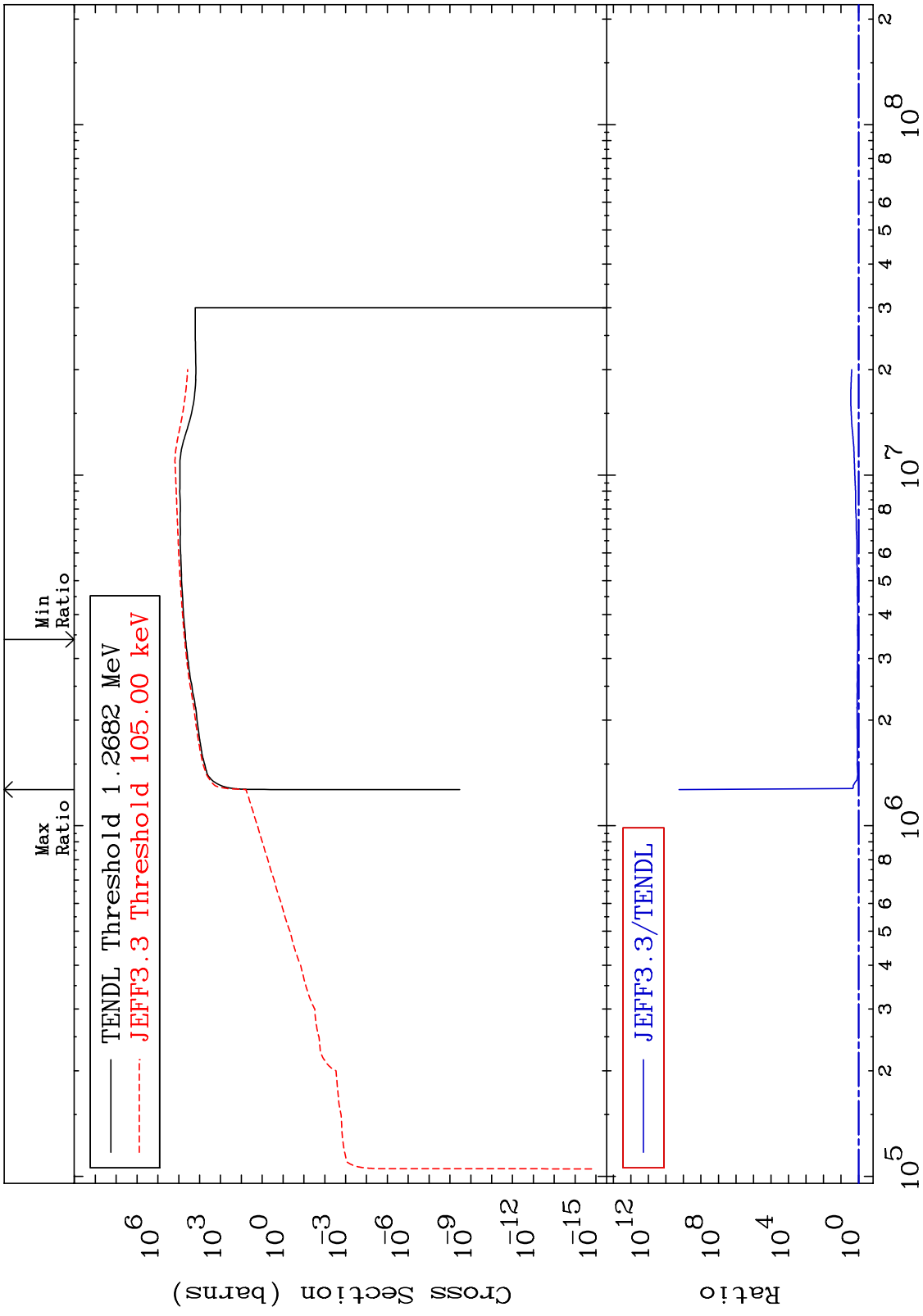


60 Incident Energy (eV) 50-Sn-112

MAT 5025 Dpa elastic (mt2) 50-Sn-112
Cross Section -98.67 To 9999. %



MAT 5025 Dpa inelastic (mt51-91) 50-Sn-112
 Cross Section 9.970 To 9999. %



62 Incident Energy (eV) 50-Sn-112

MAT 5025

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-112
-99.94 To 9999. %

