

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

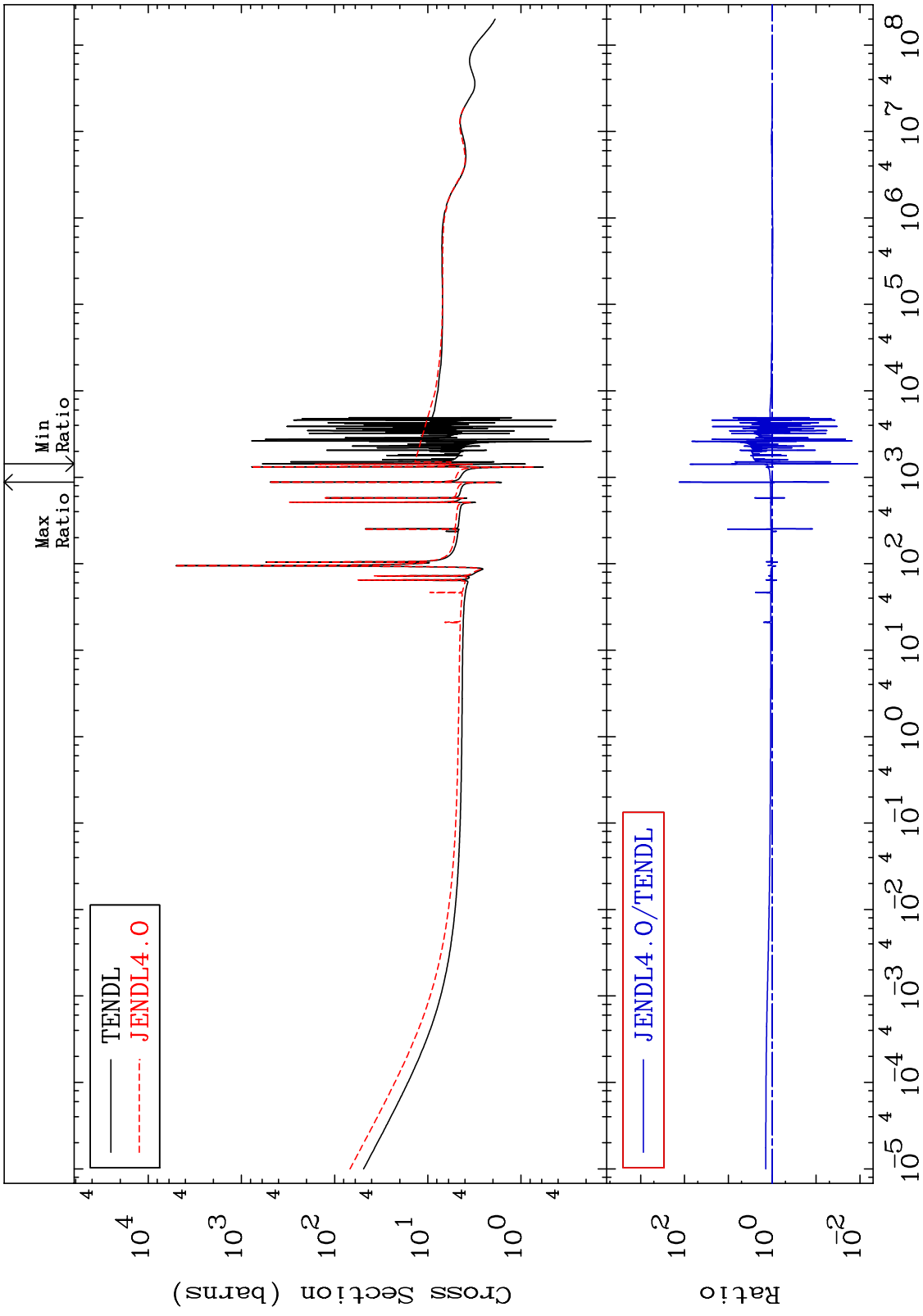
U.S.A.

Tele: 925-443-1911

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

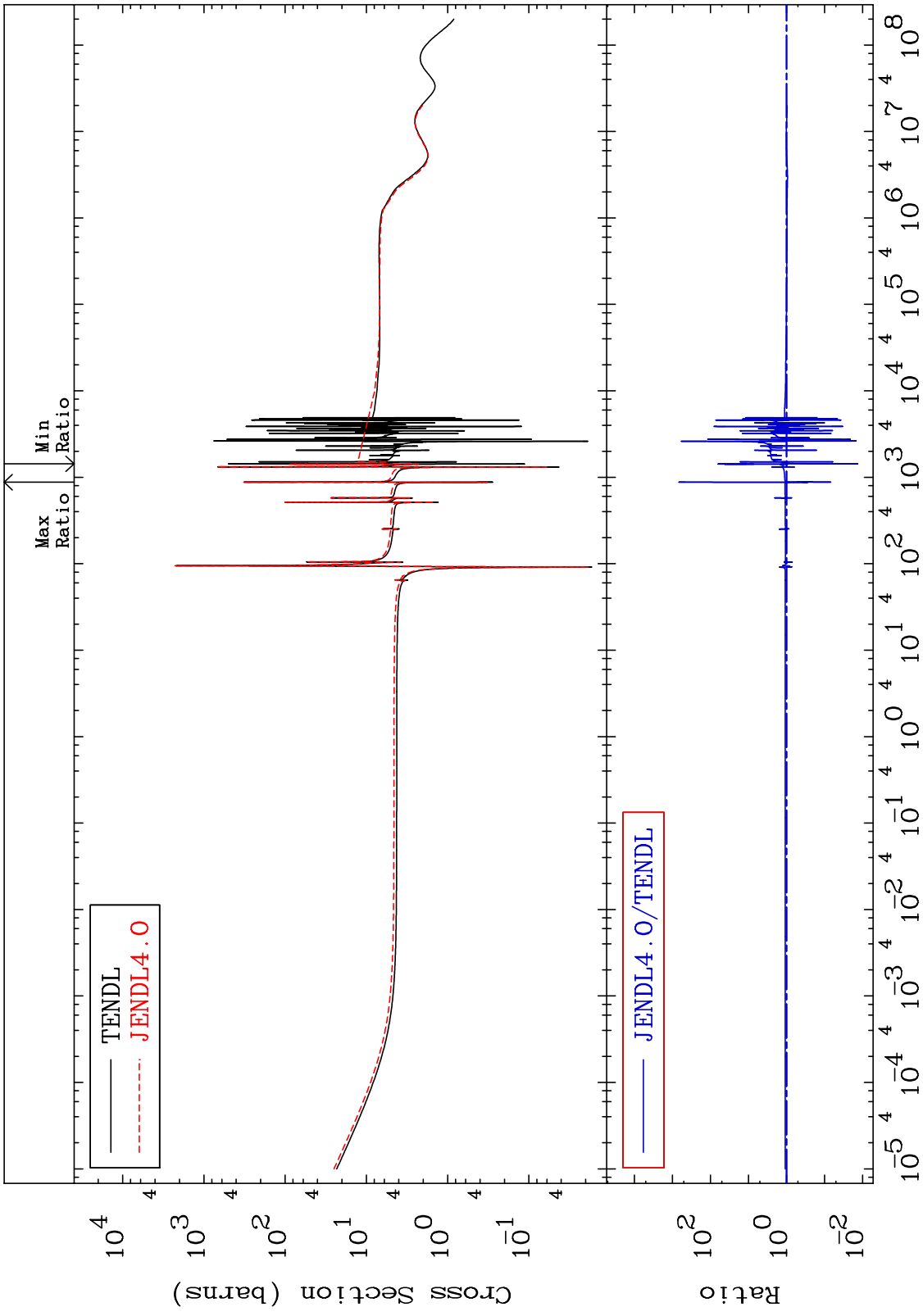
Press Mouse Button to Start

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



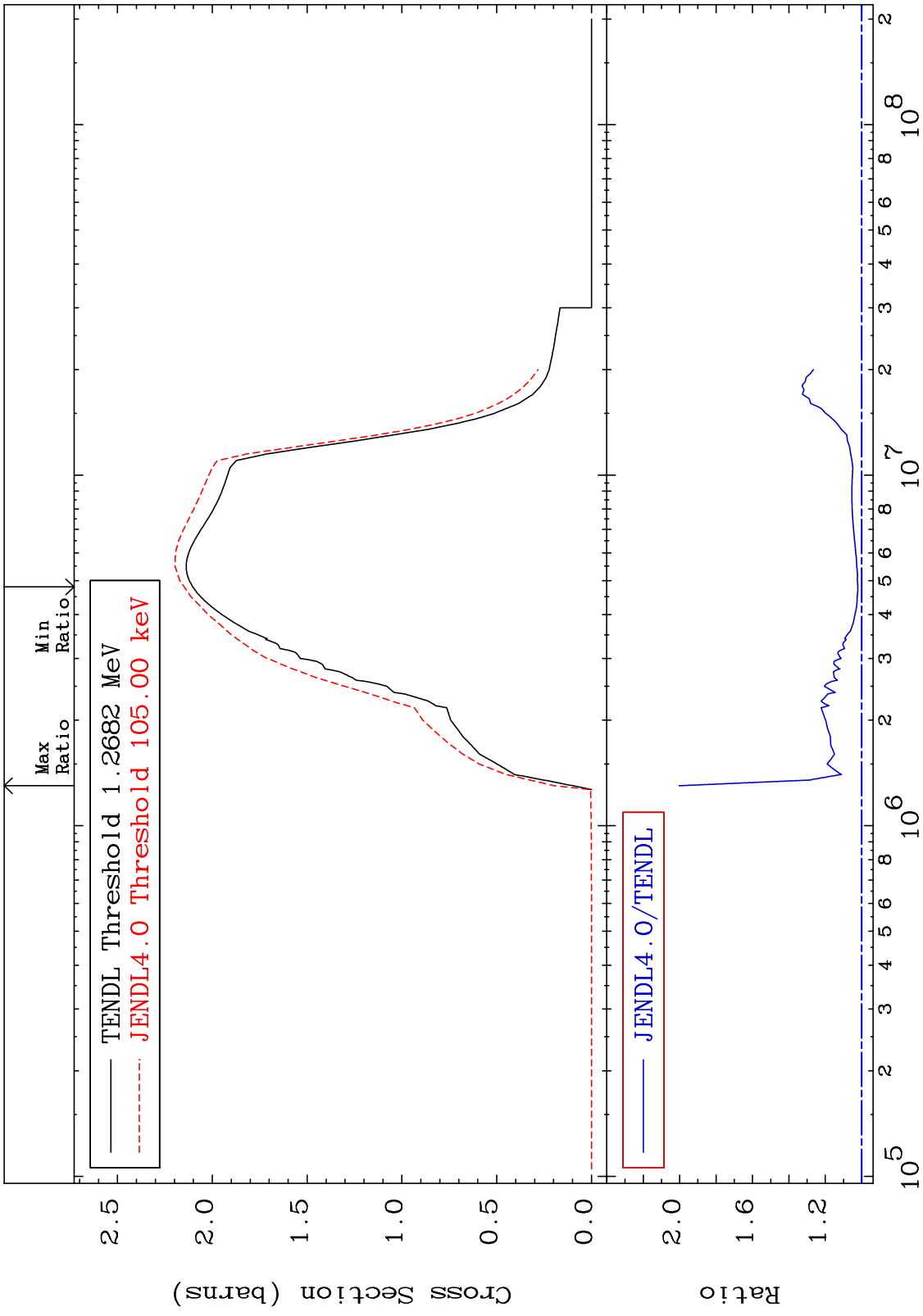
Incident Energy (eV) 50-Sn-112

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



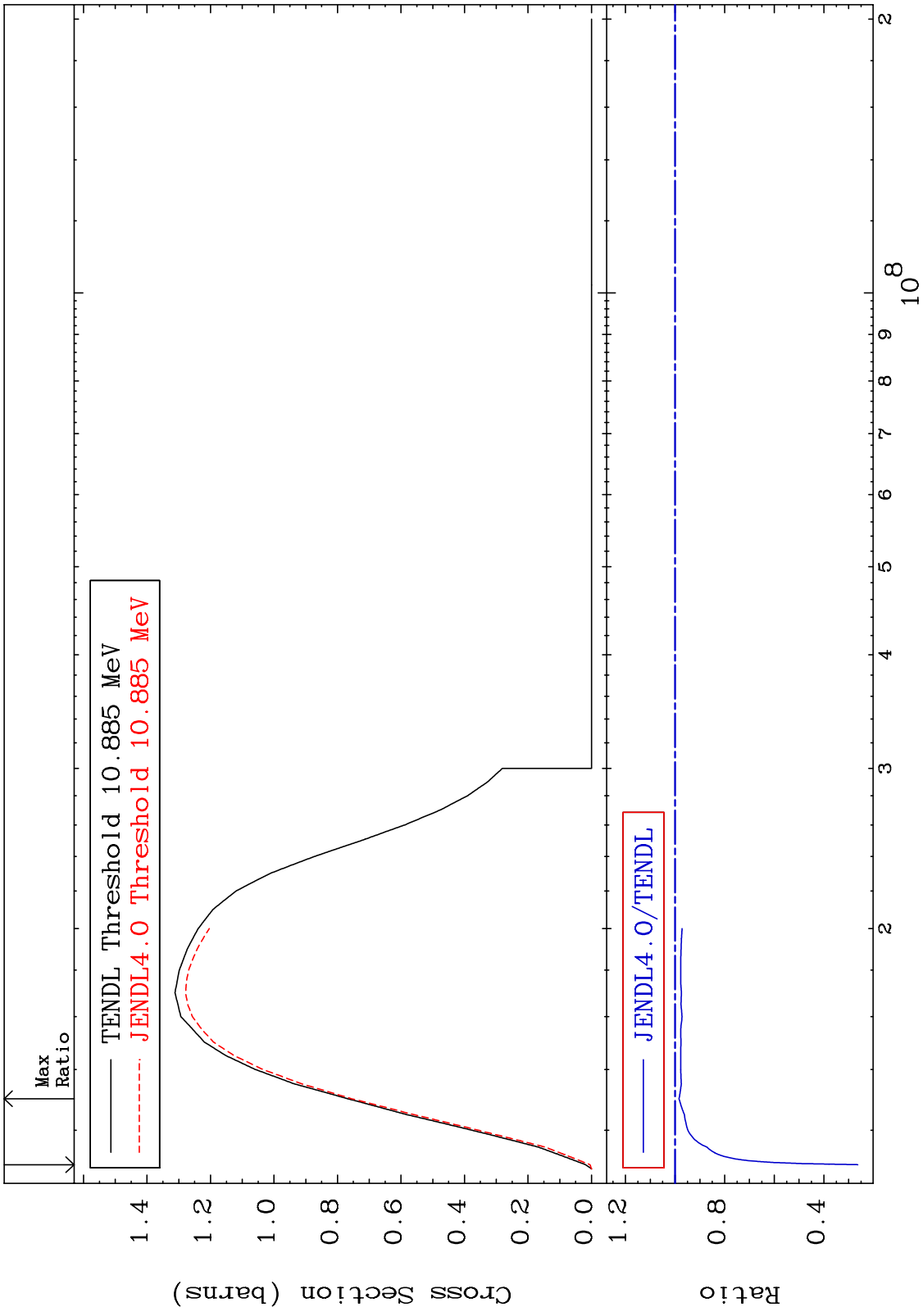
Incident Energy (eV) 50-Sn-112

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

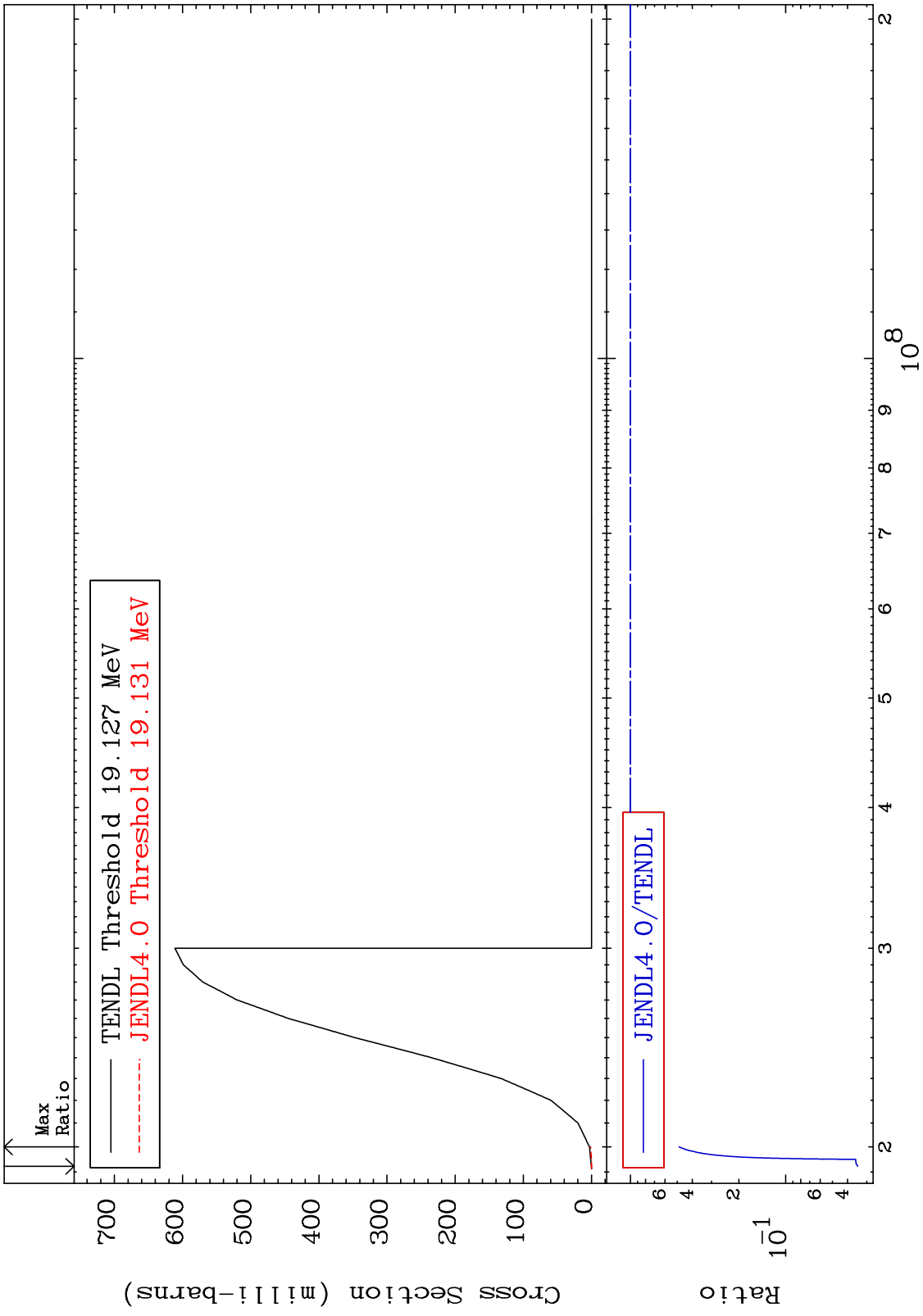


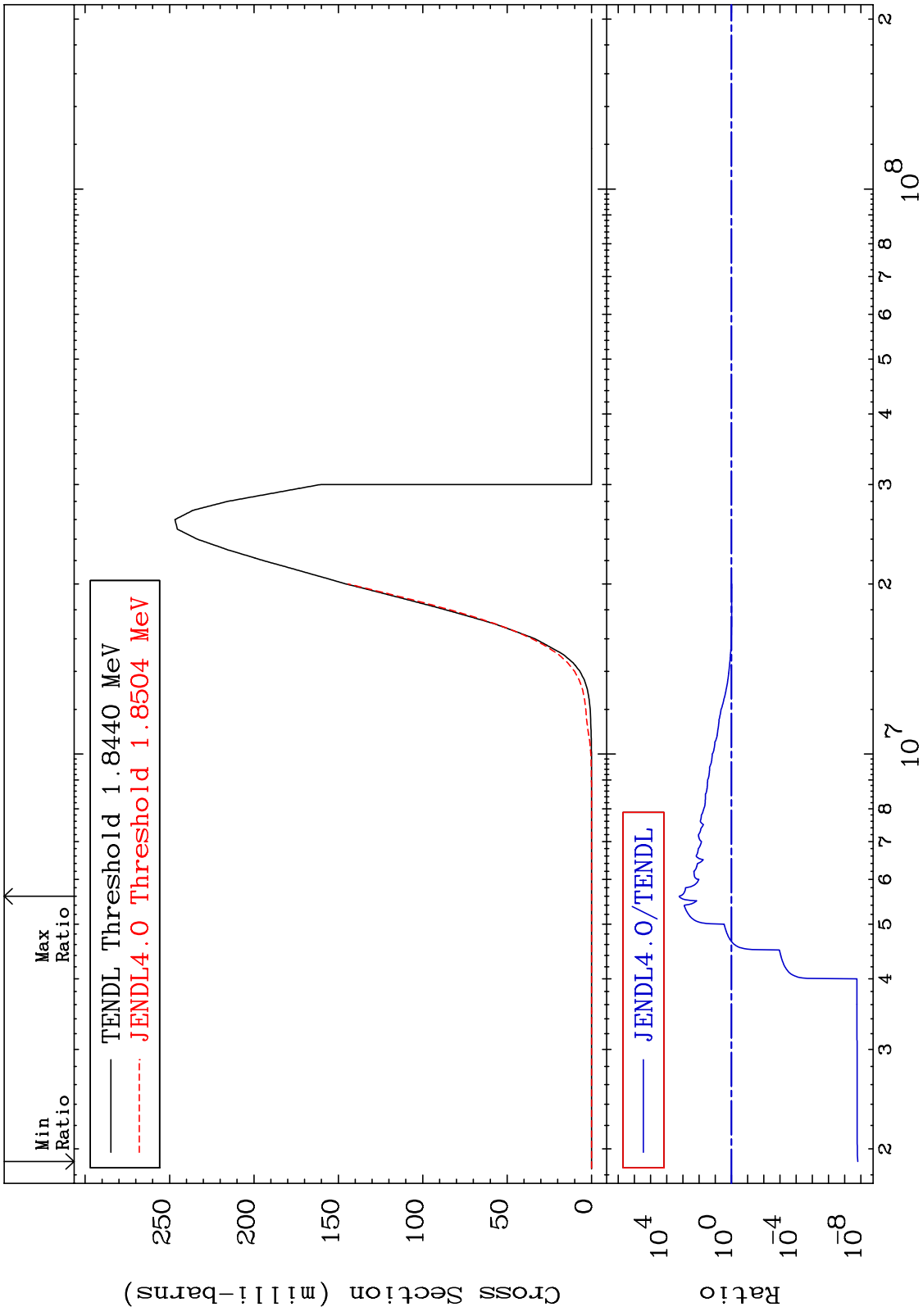
3 Incident Energy (eV) 50-Sn-112

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

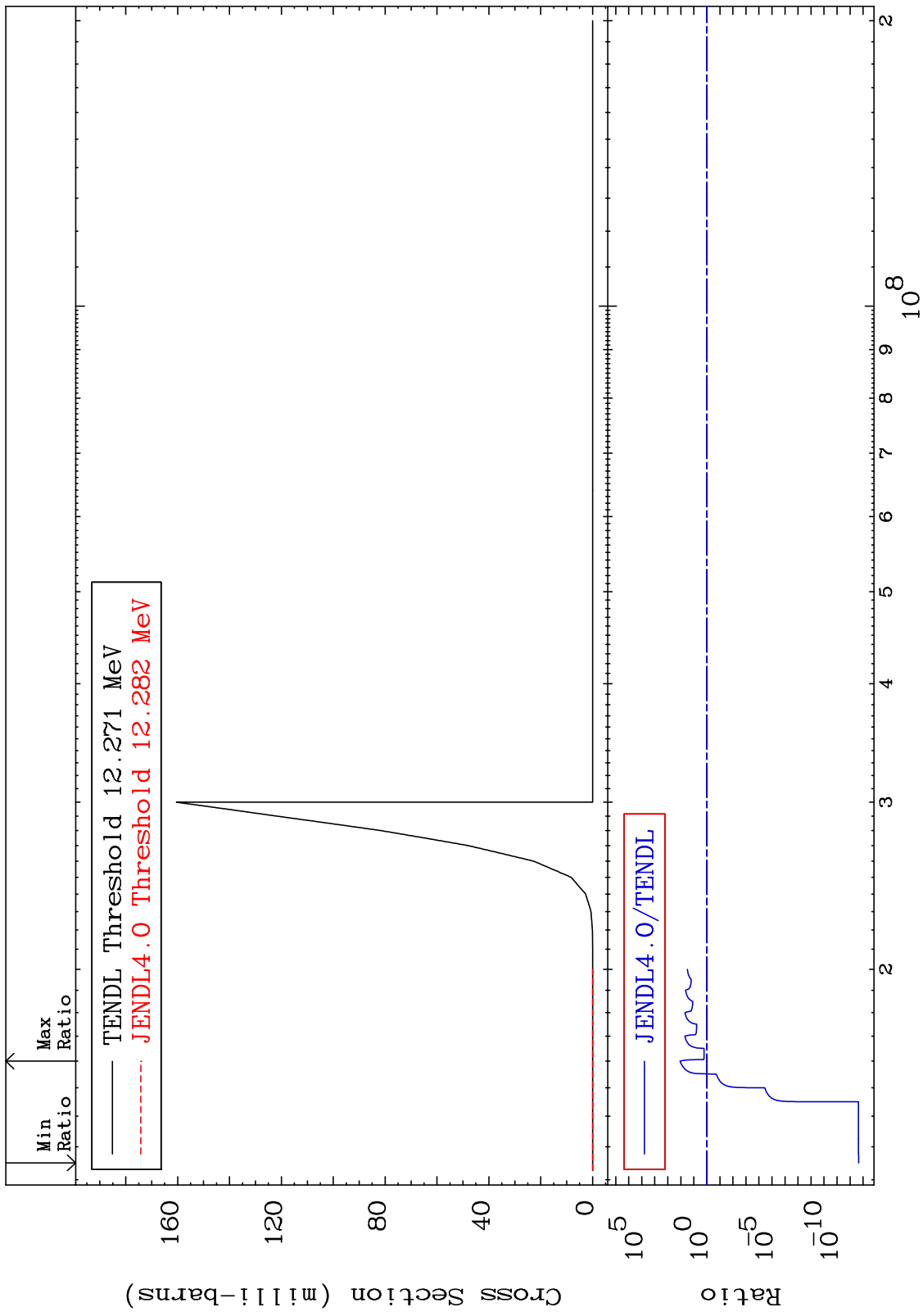


MAT 5025 (n,3n) Cross Section 50-Sn-112 -96.57 To -51.36%

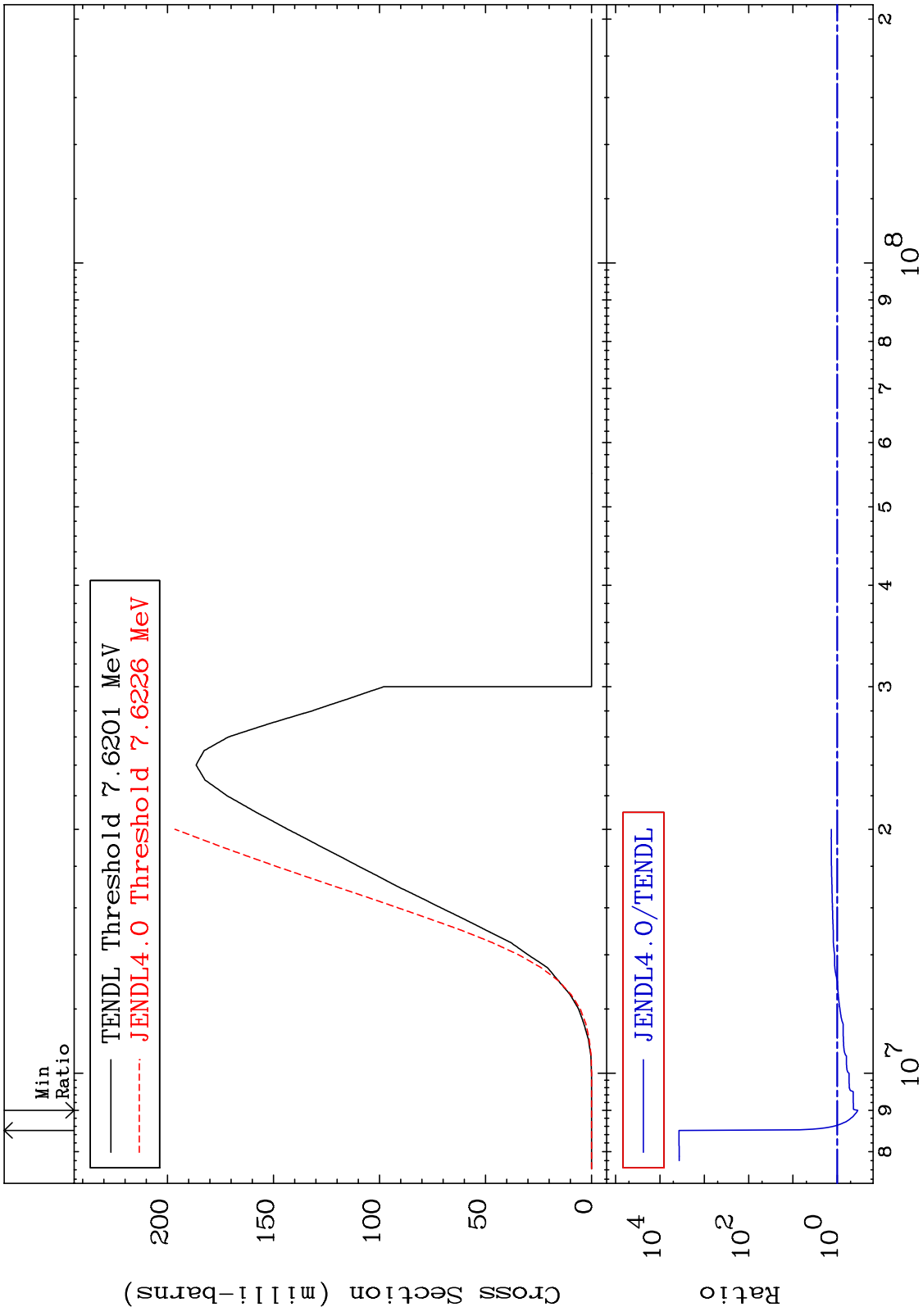




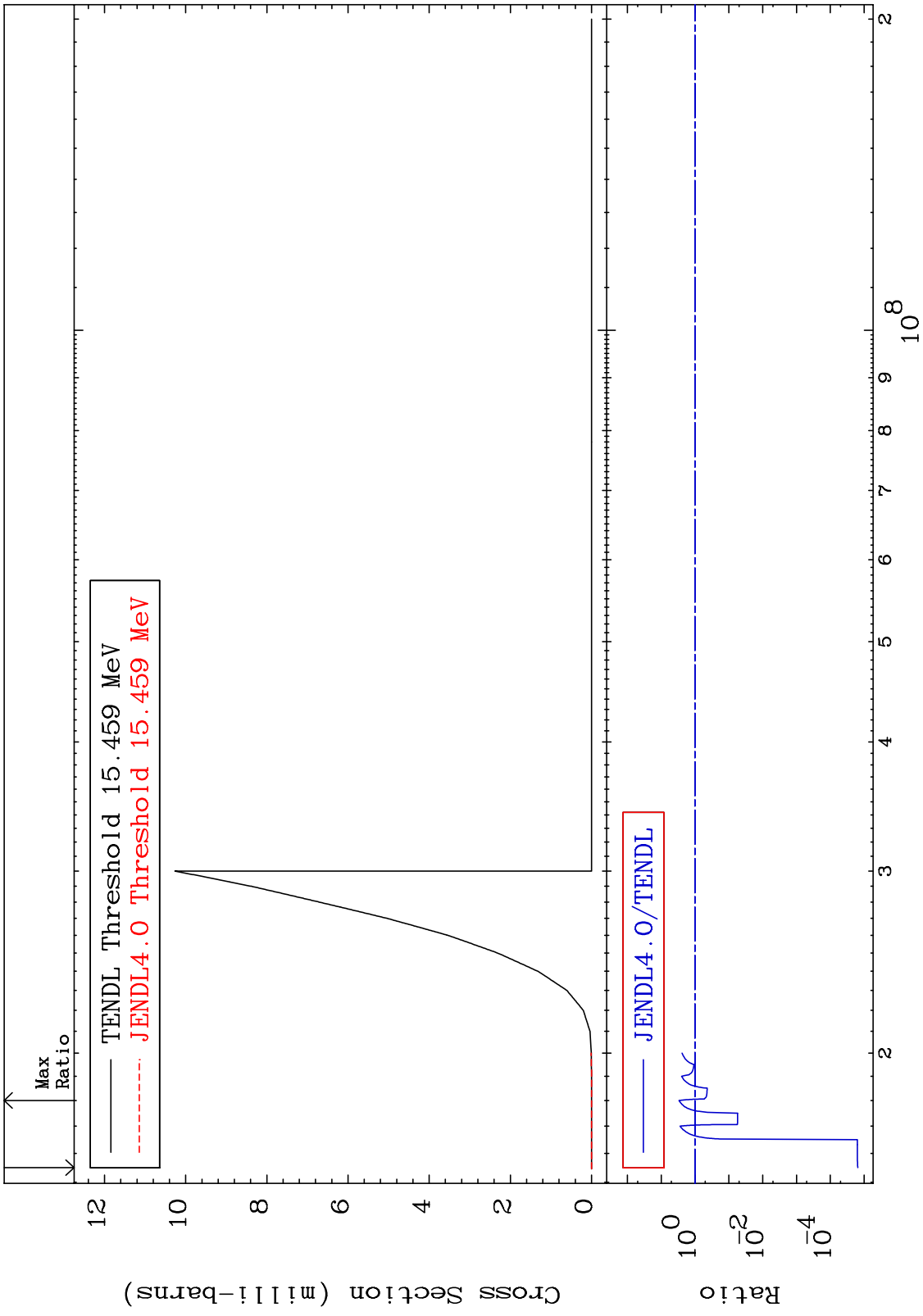
MAT 5025 (n,2n) α 50-Sn-112
 Cross Section -100.0 To 9999. %



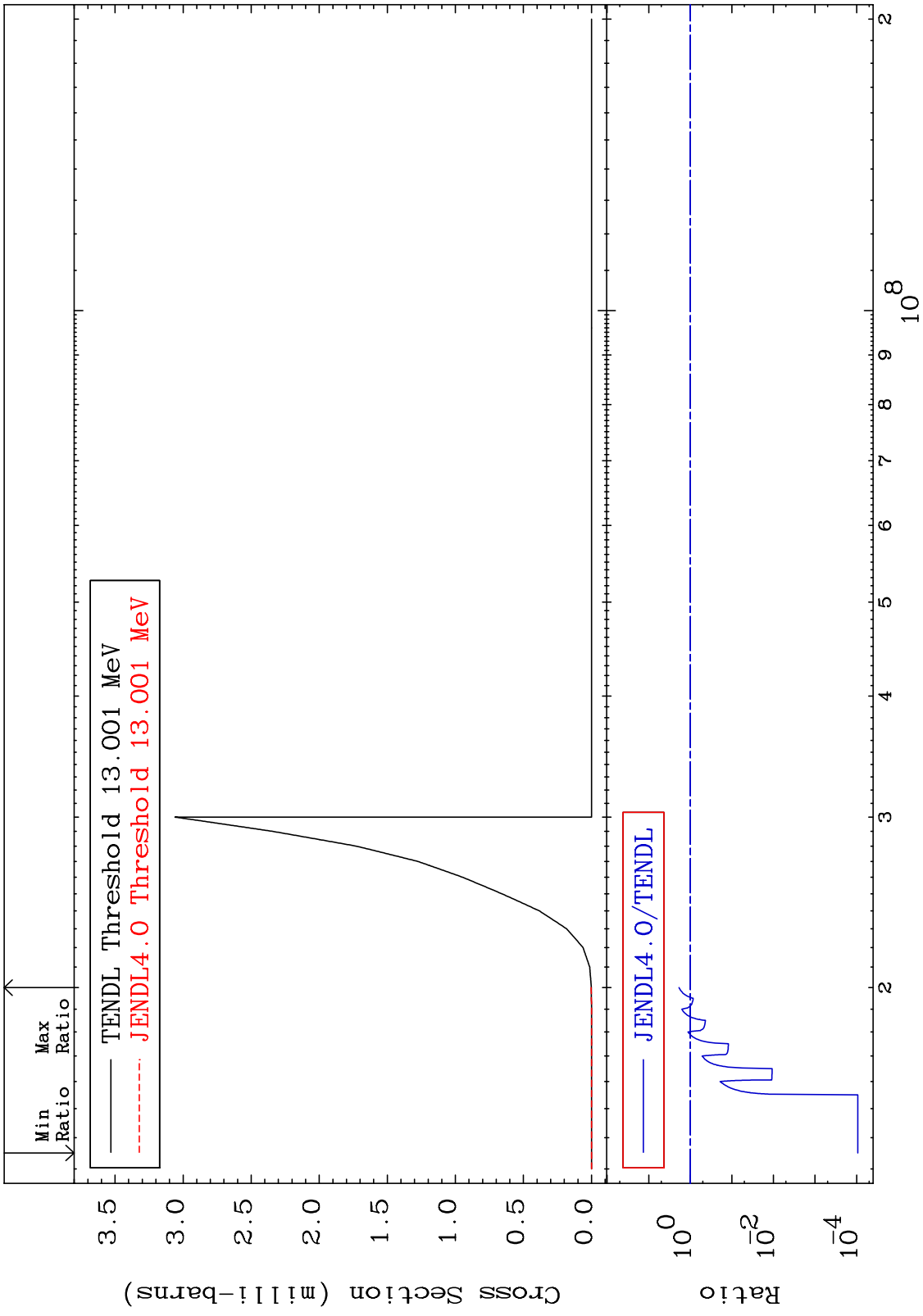
MAT 5025 (n,n') p 50-Sn-112
Cross Section -65.54 To 9999. %



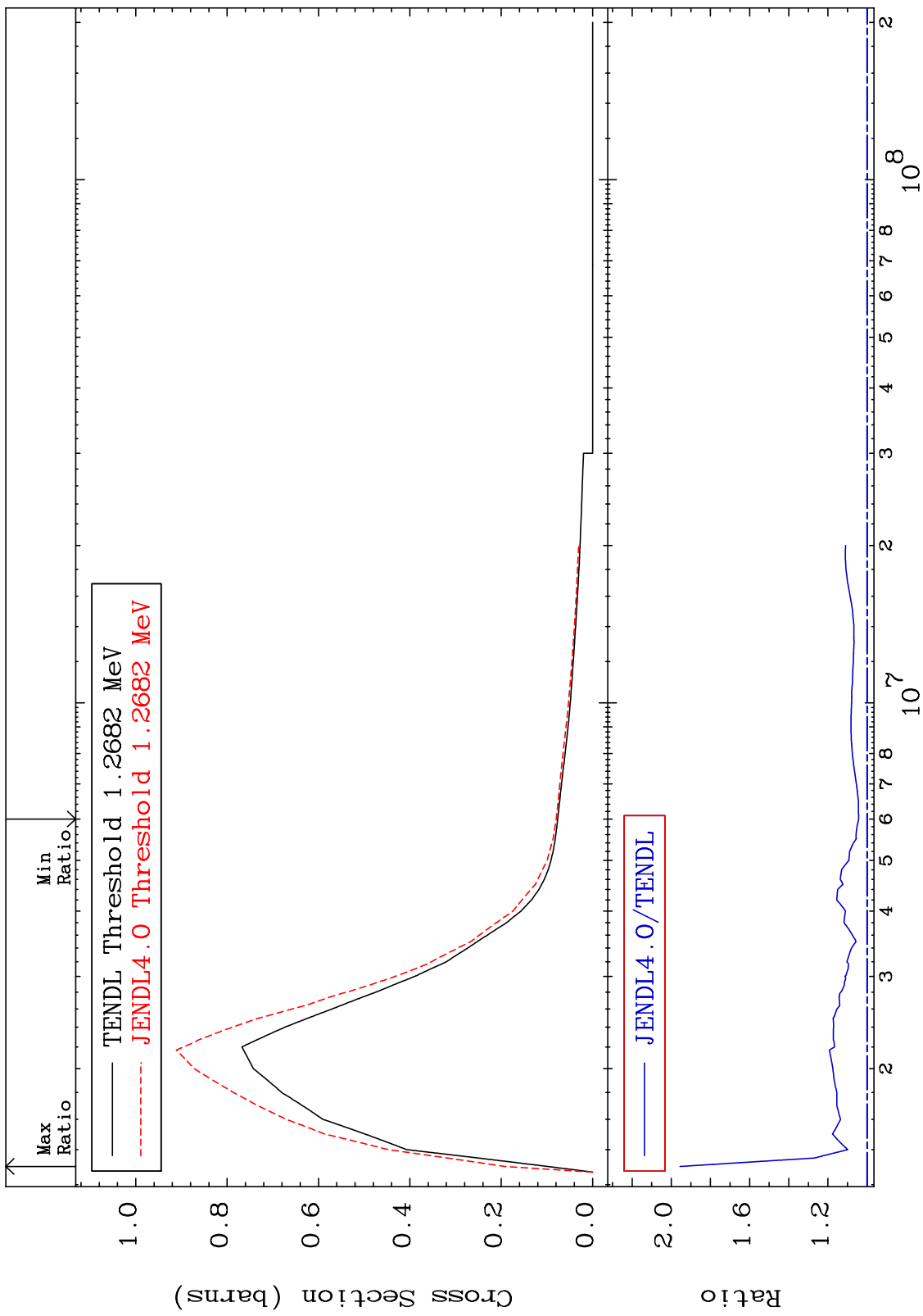
MAT 5025 (n,n') d 50-Sn-112
 Cross Section -100.0 To 197.0 %



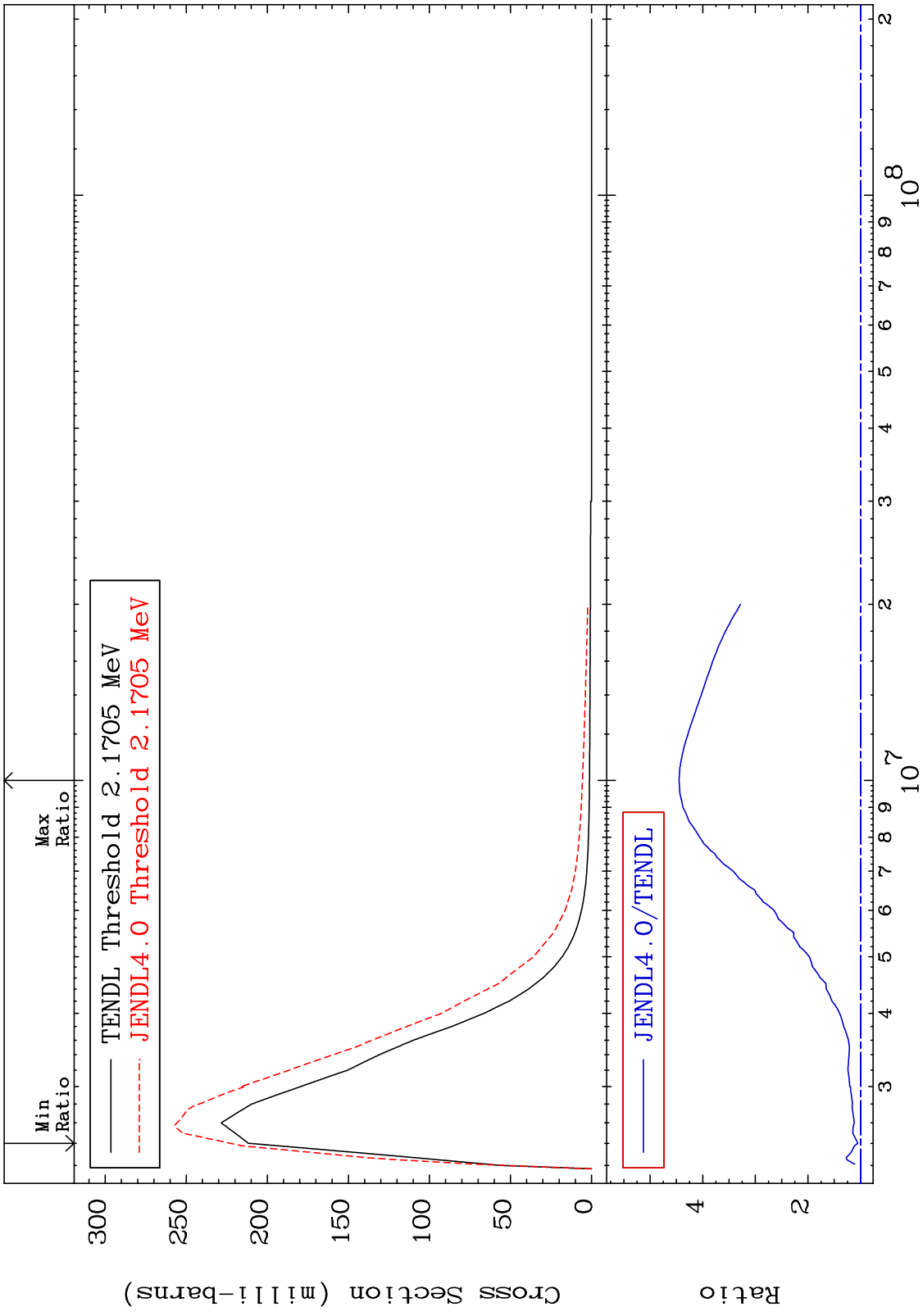
MAT 5025 (n,2n) p 50-Sn-112
 Cross Section -99.99 To 86.34 %



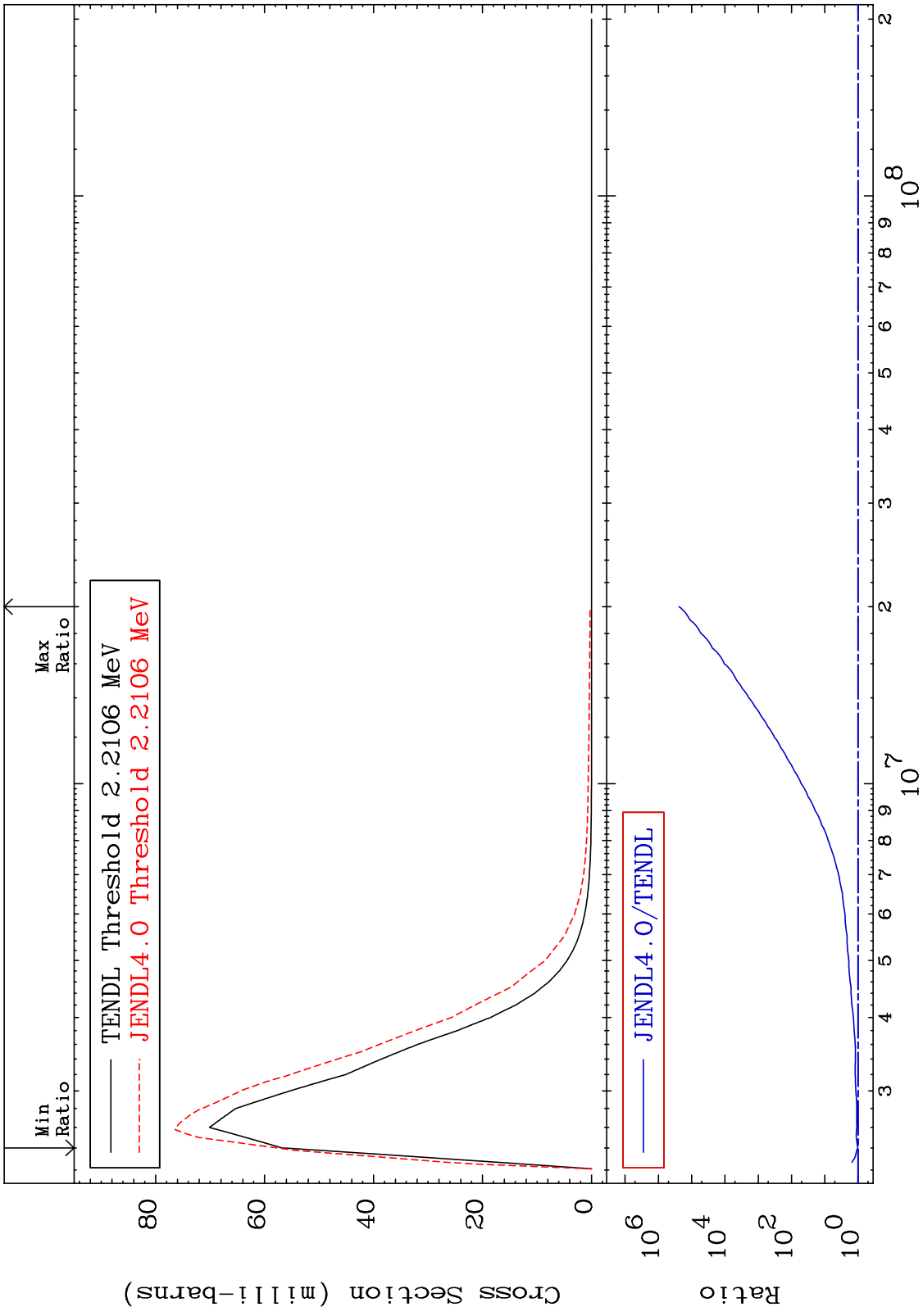
MAT 5025 MT= 51 (n,n') Level Cross Section 50-Sn-112 To 95.51 %
 4.279



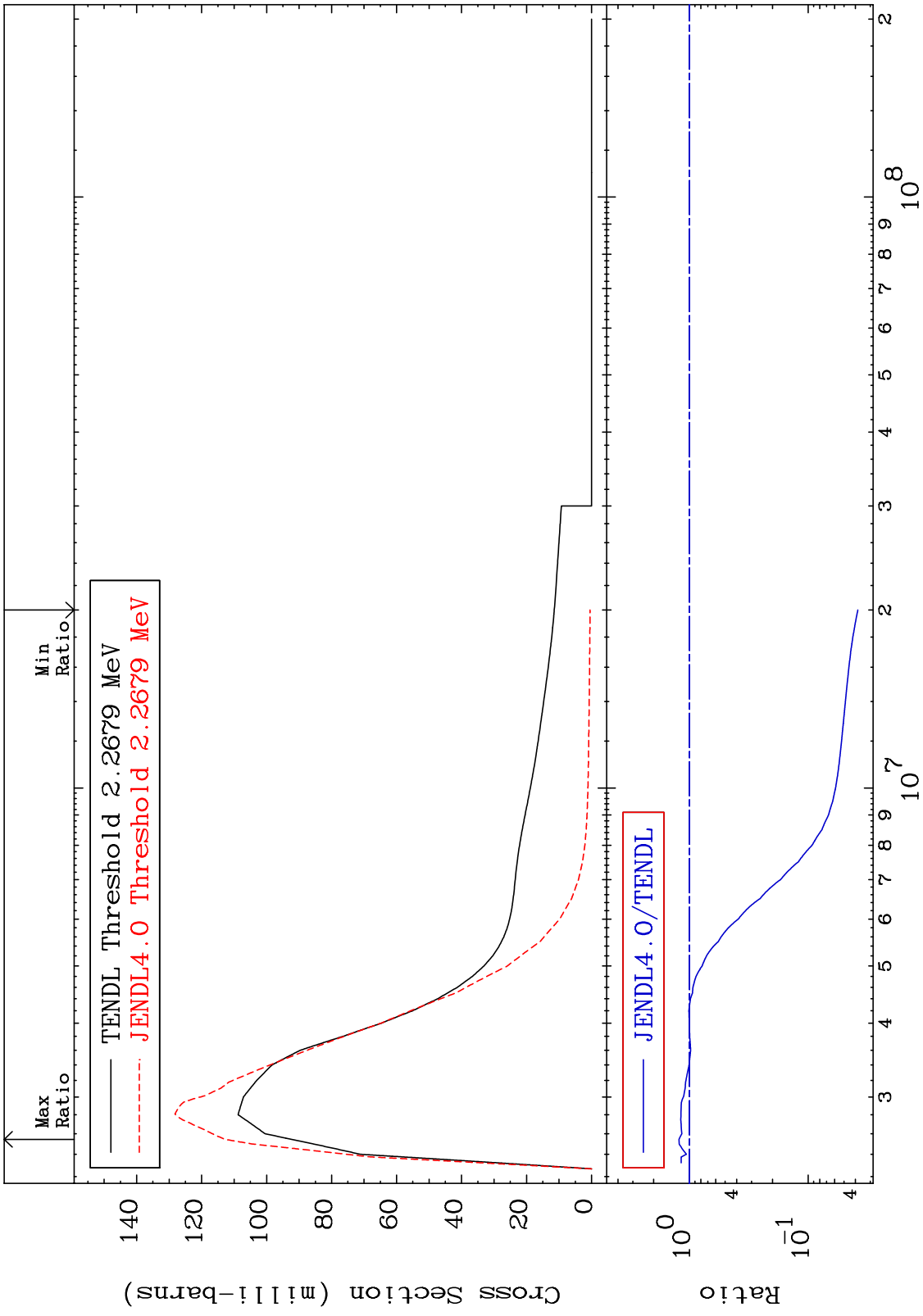
MAT 5025 MT= 52 (n,n') Level Cross Section 50-Sn-112 5.254 To 345.0 %



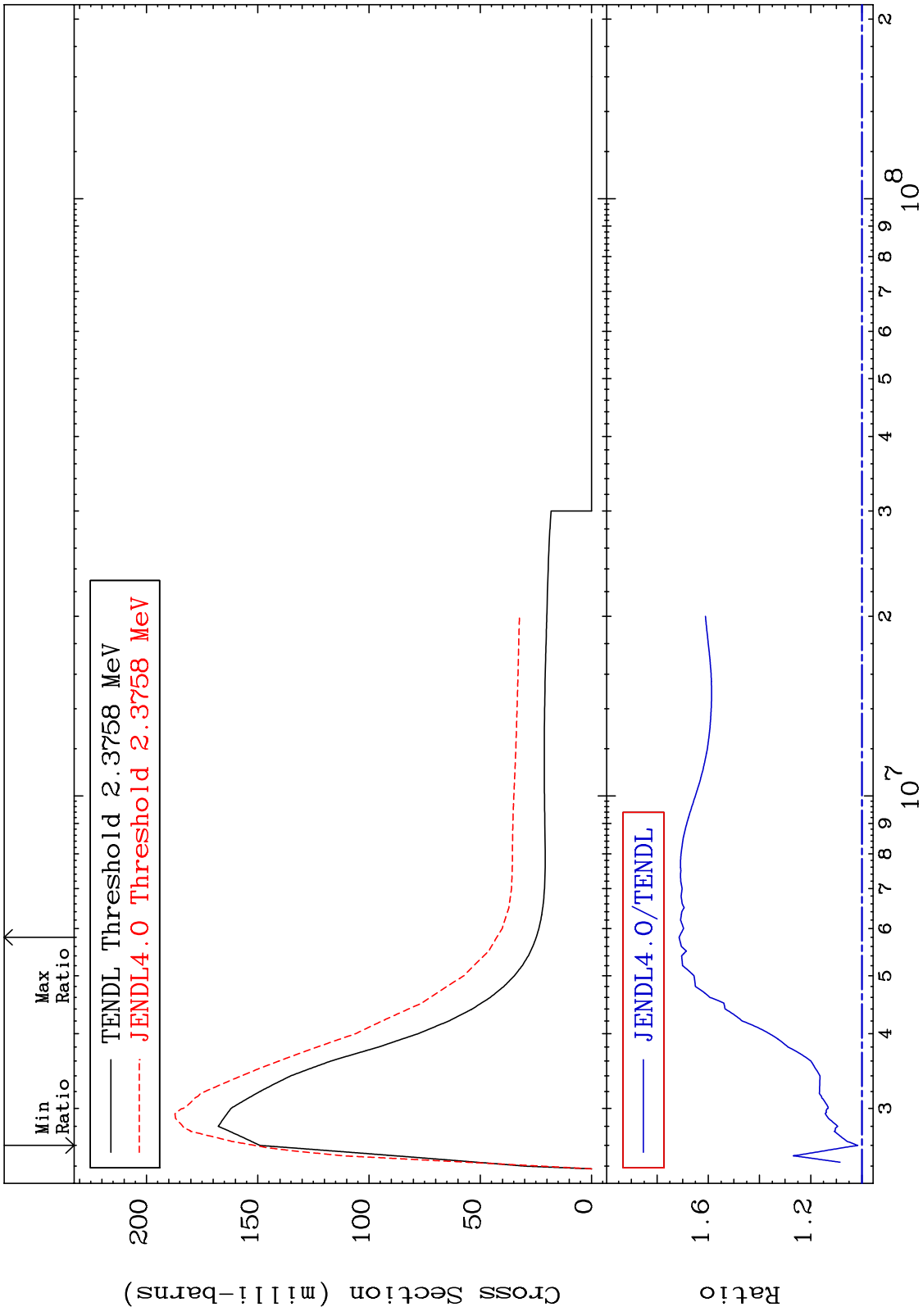
MAT 5025 MT= 53 (n,n') Level Cross Section 50-Sn-112 To 9999. %
 1.693



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

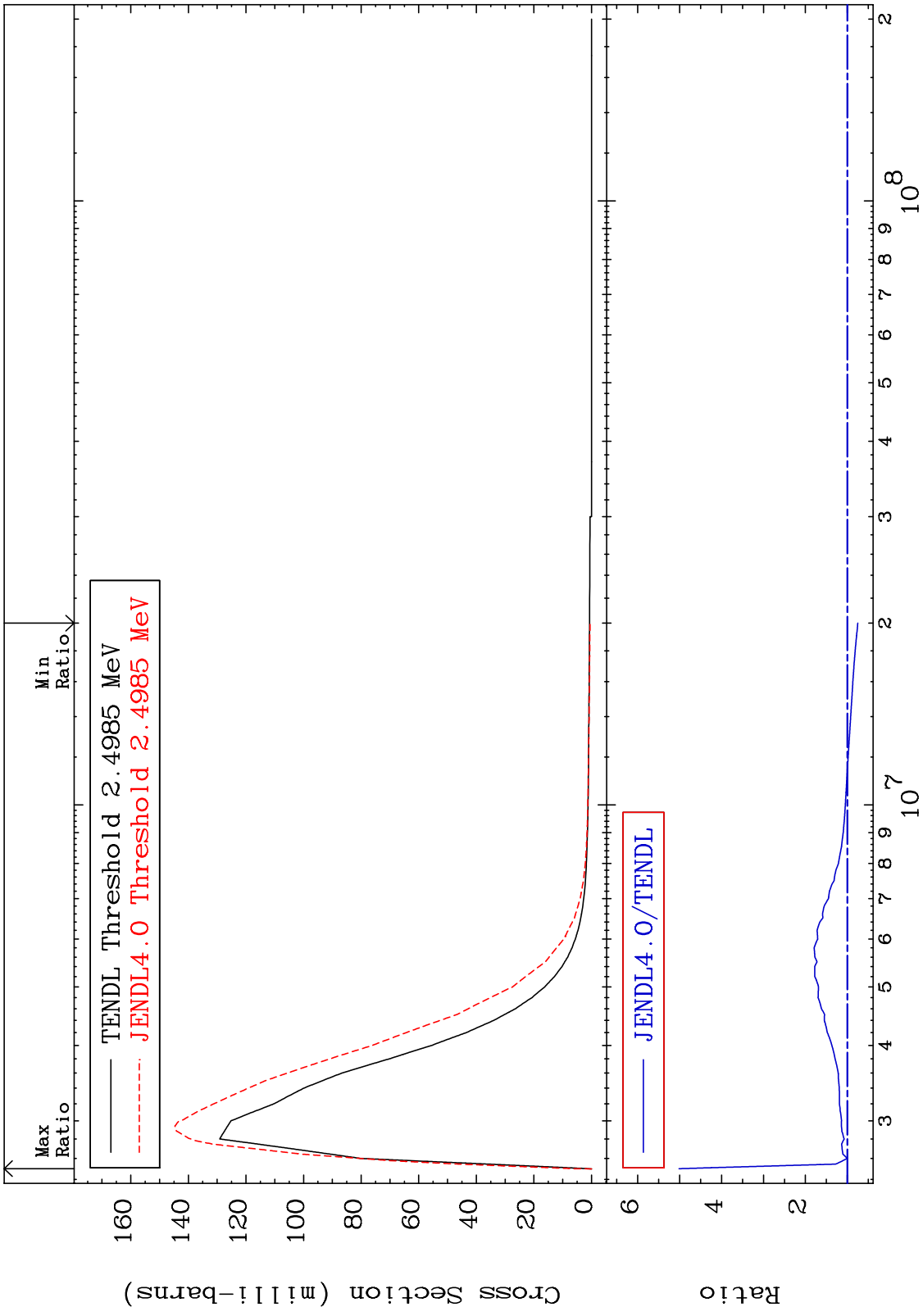


MAT 5025 MT= 55 (n,n') Level Cross Section 50-Sn-112 To 71.41 %
 1.599

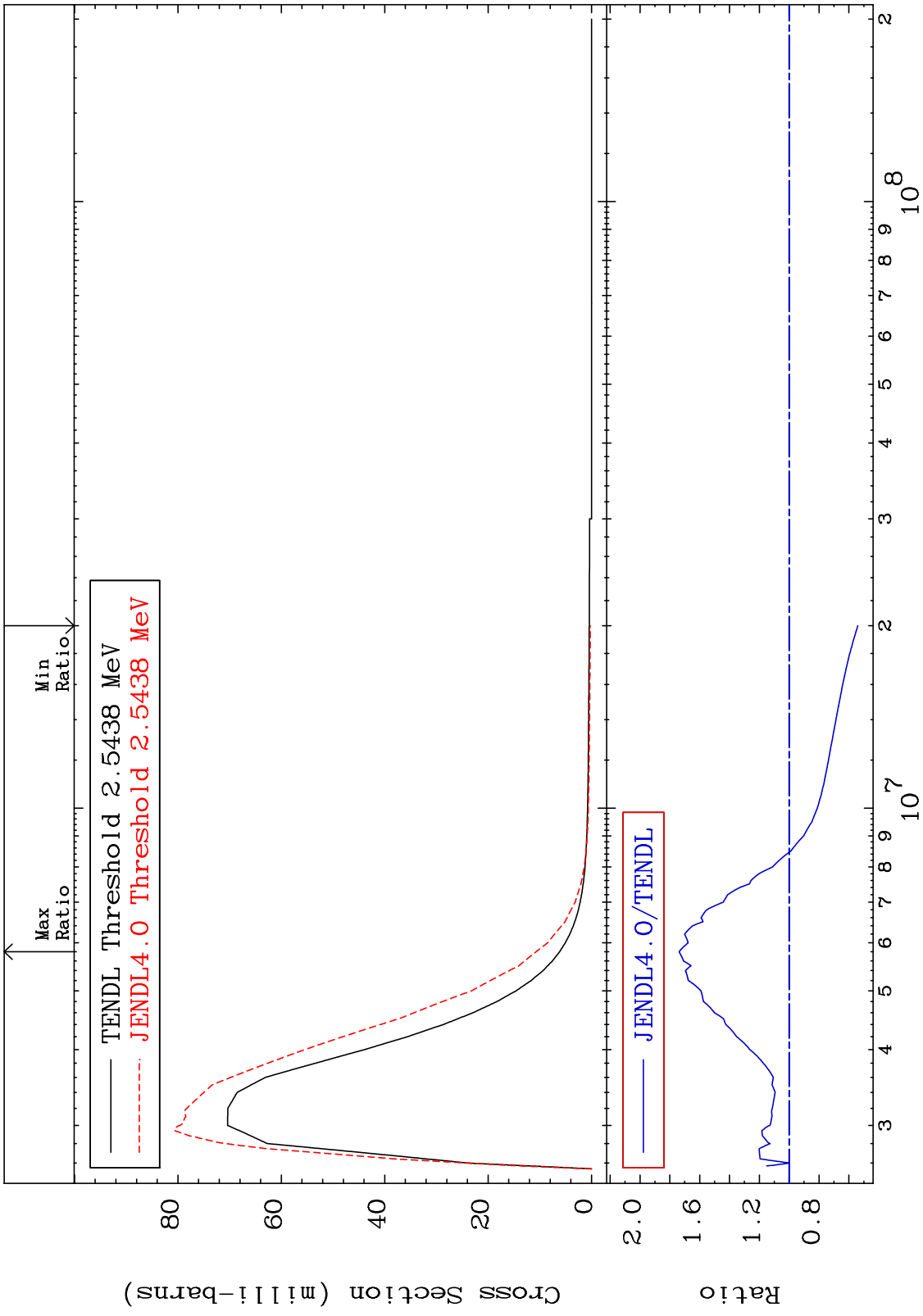


15 50-Sn-112 Incident Energy (eV)

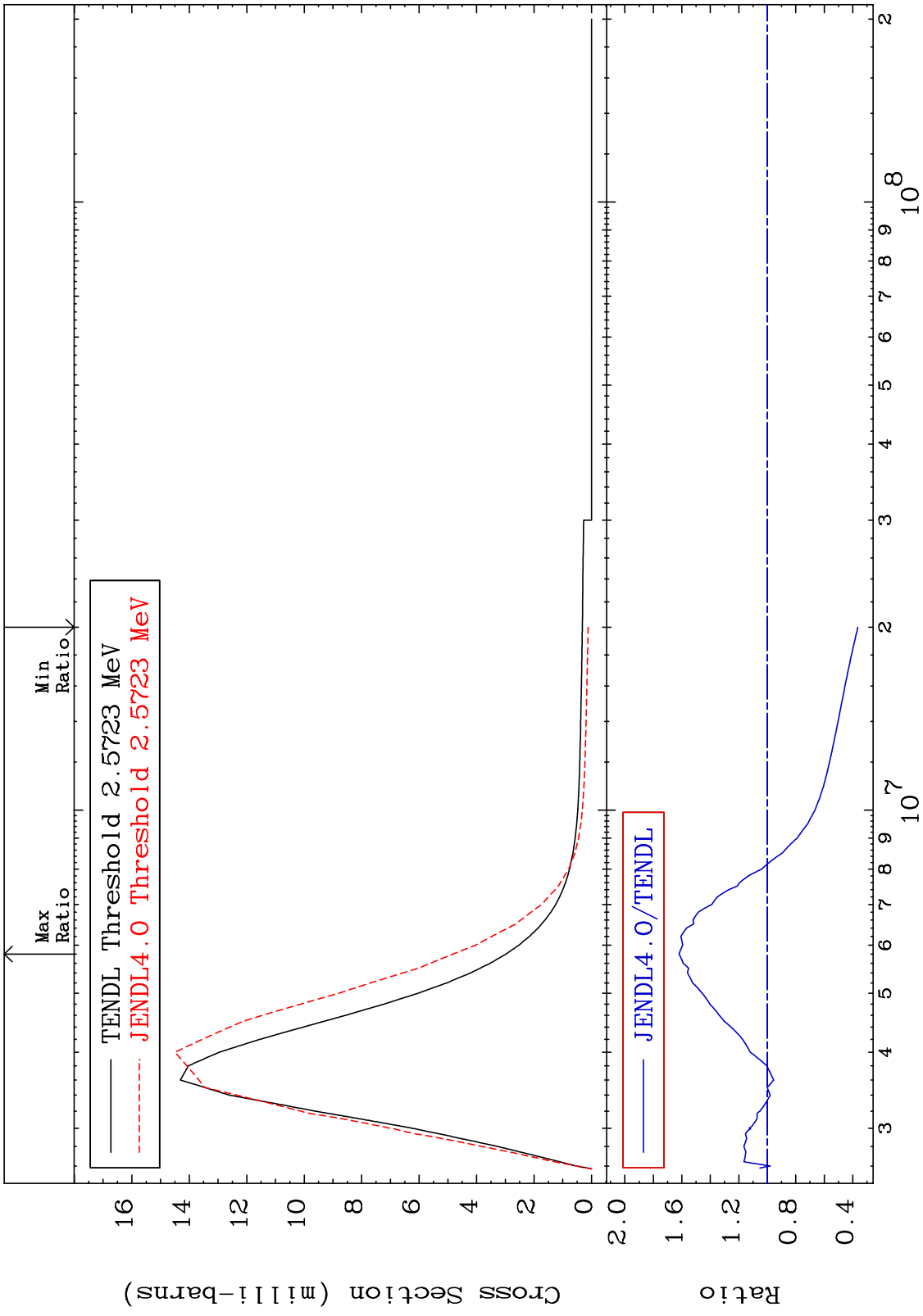
MAT 5025 MT= 56 (n,n') Level Cross Section 50-Sn-112 -24.90 To 401.2 %



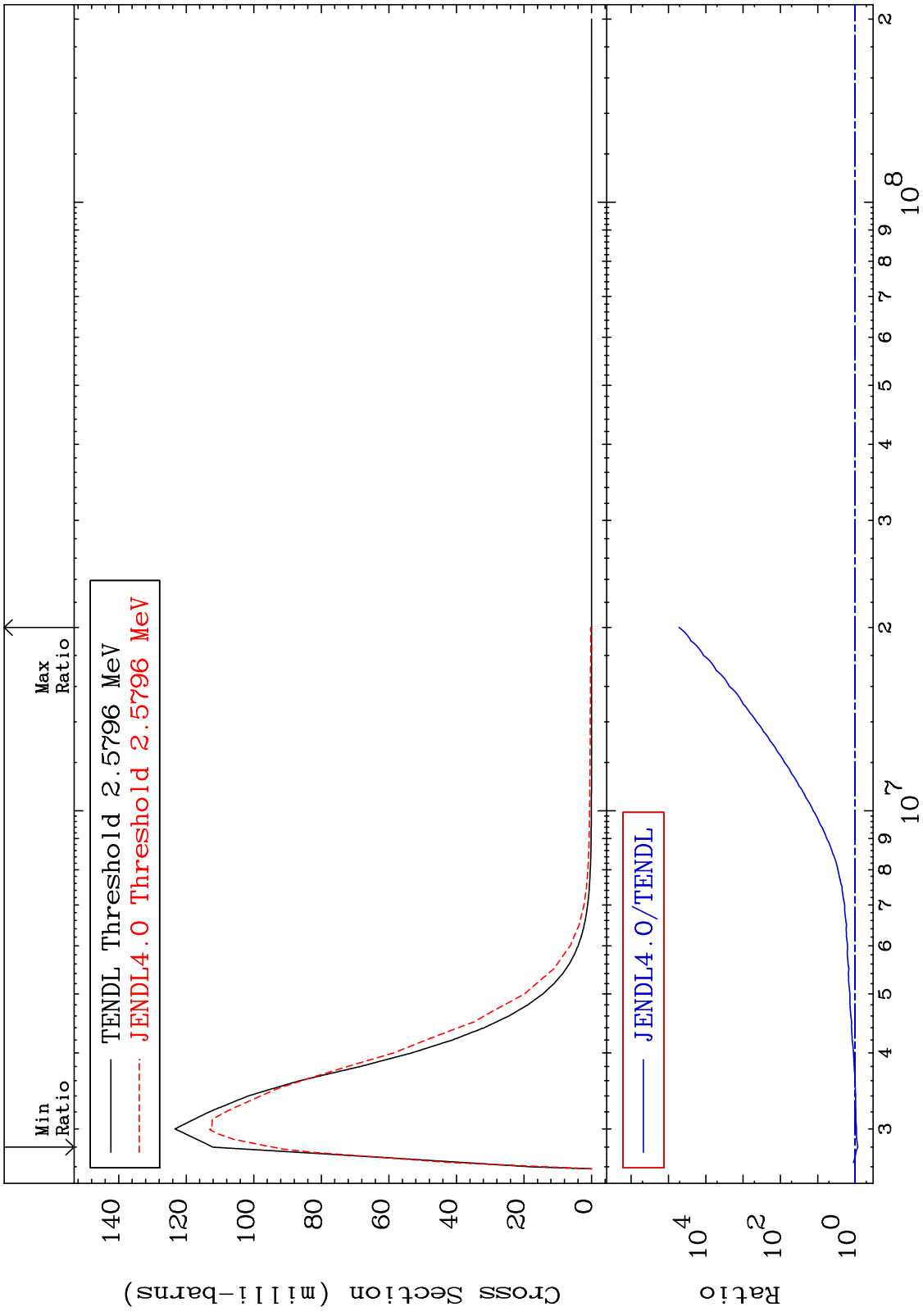
MAT 5025 MT= 57 (n,n') Level Cross Section 50-Sn-112
 -46.00 To 73.82 %



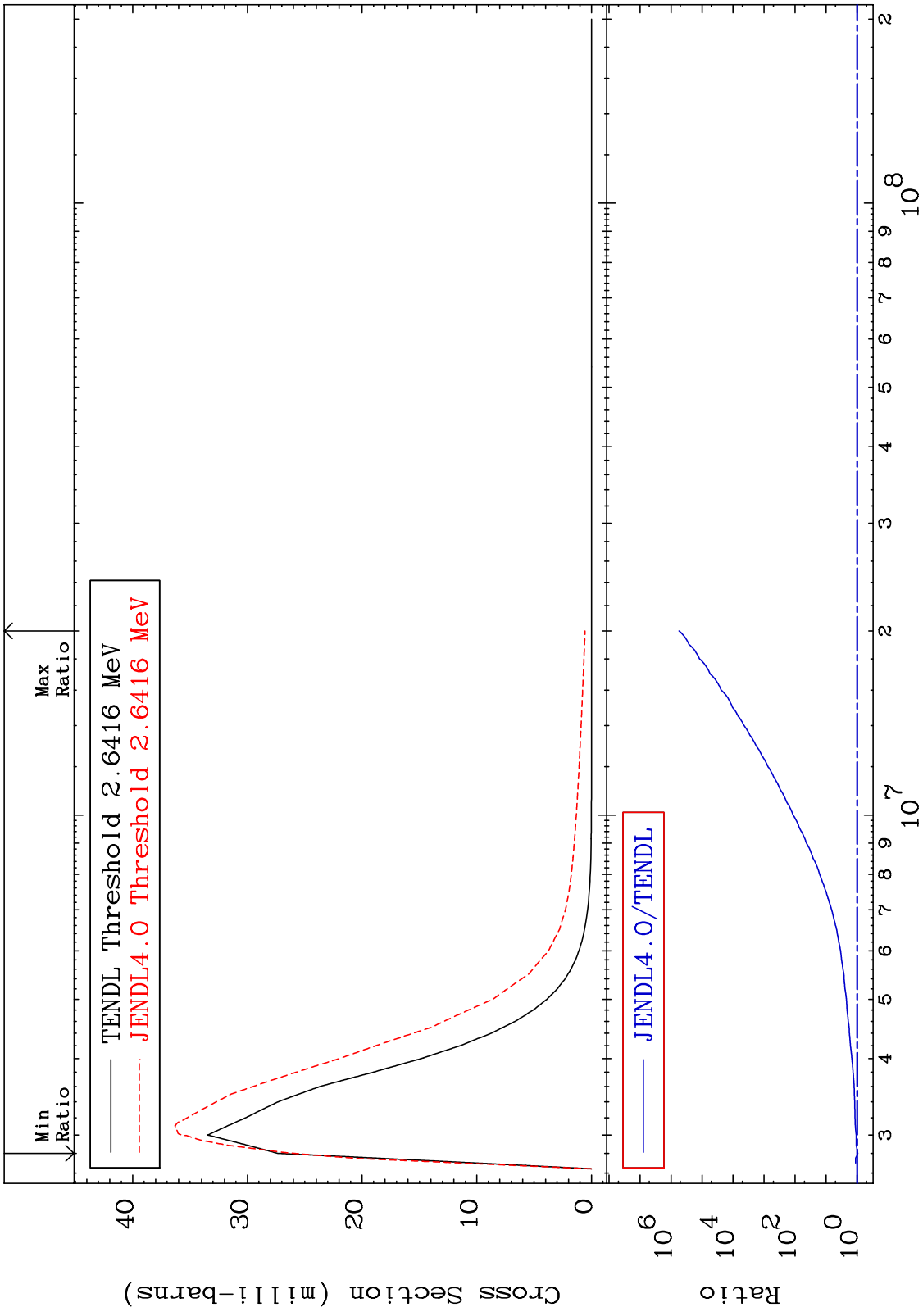
MAT 5025 MT= 58 (n,n') Level Cross Section 50-Sn-112
 -63.59 To 61.95 %



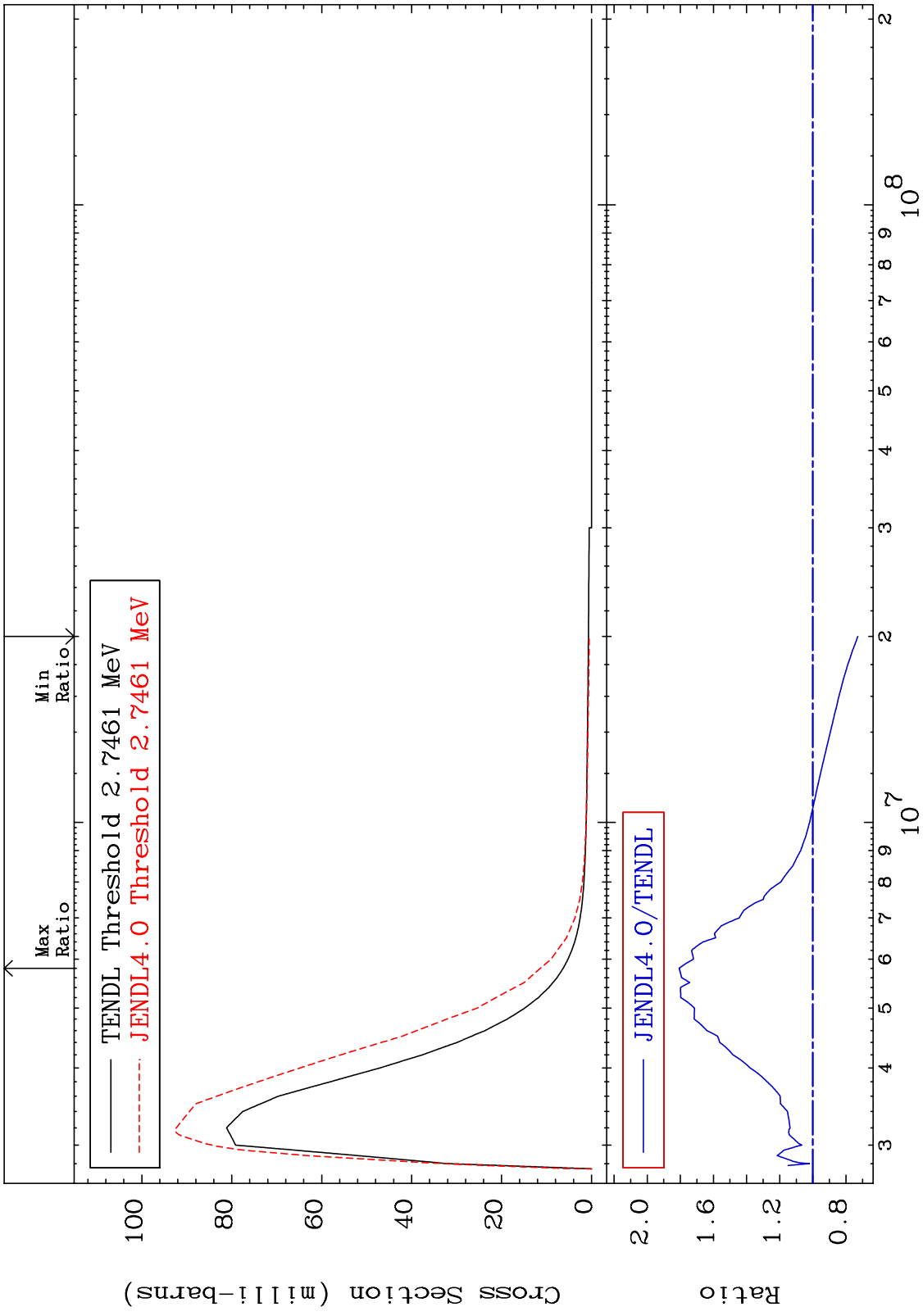
MAT 5025 MT= 59 (n,n') Level Cross Section 50-Sn-112
 -15.89 To 9999. %



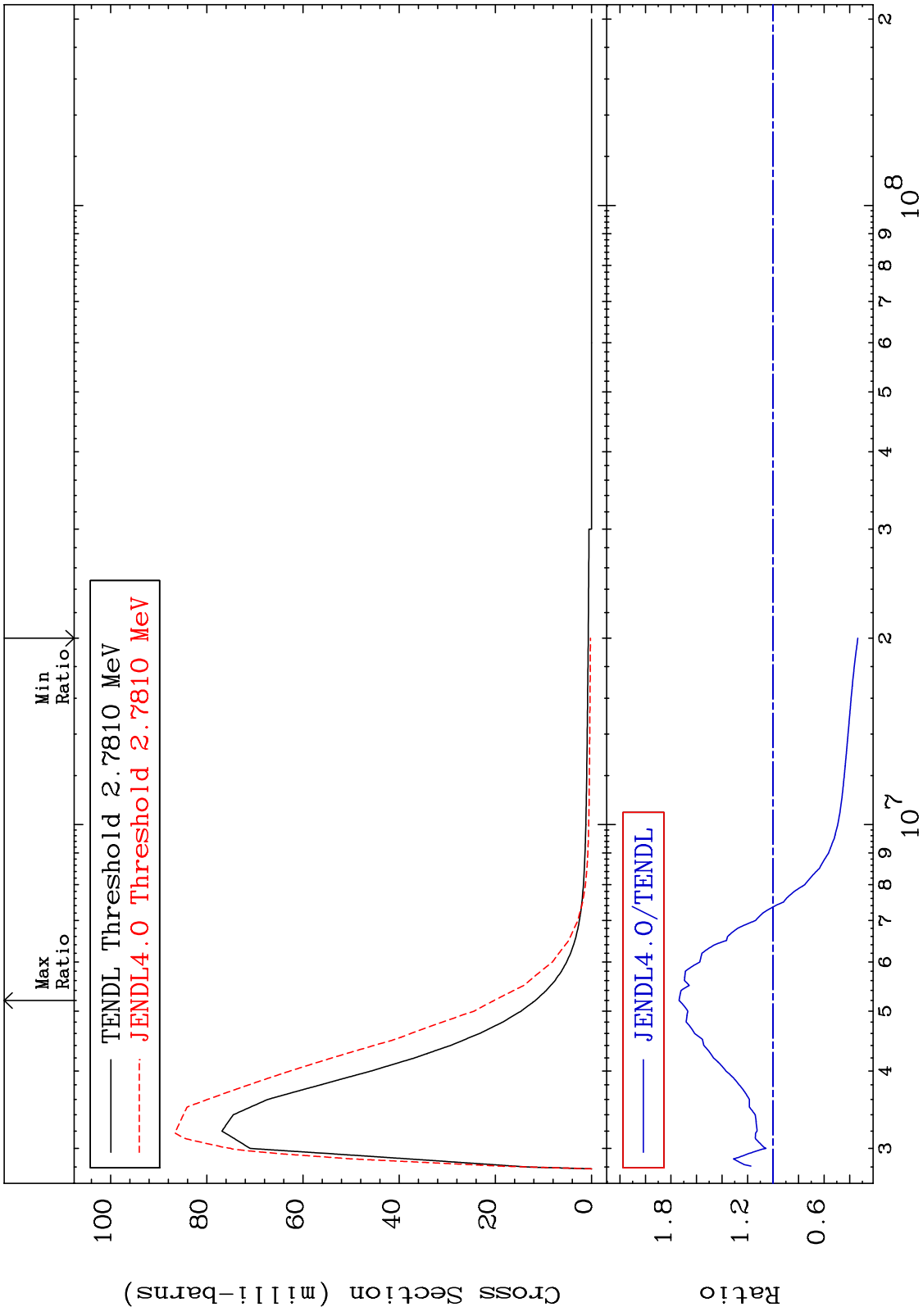
MAT 5025 MT= 60 (n,n') Level Cross Section 50-Sn-112
 -5.207 To 9999. %



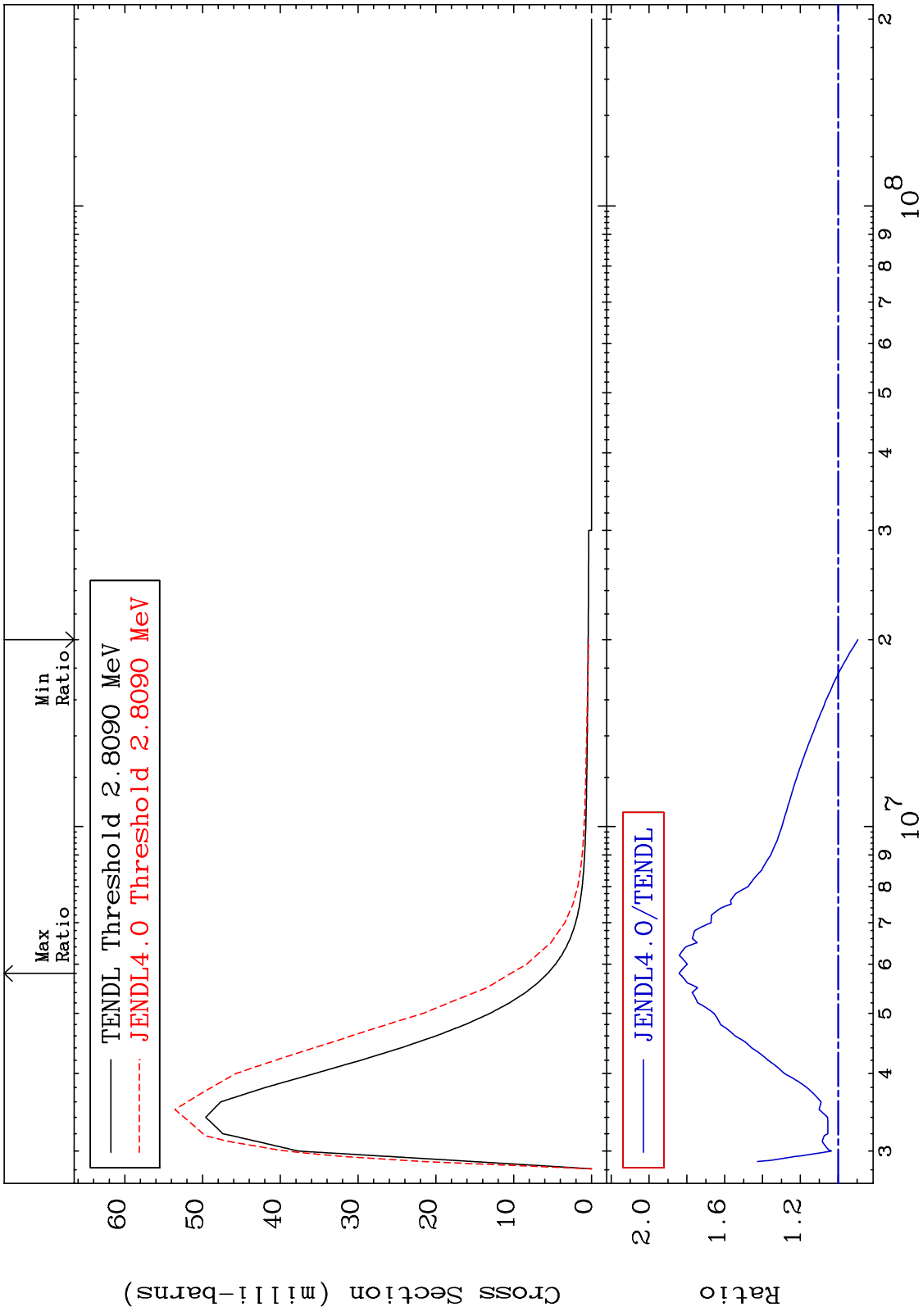
MAT 5025 MT= 61 (n,n') Level Cross Section 50-Sn-112 -27.16 To 80.77 %



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

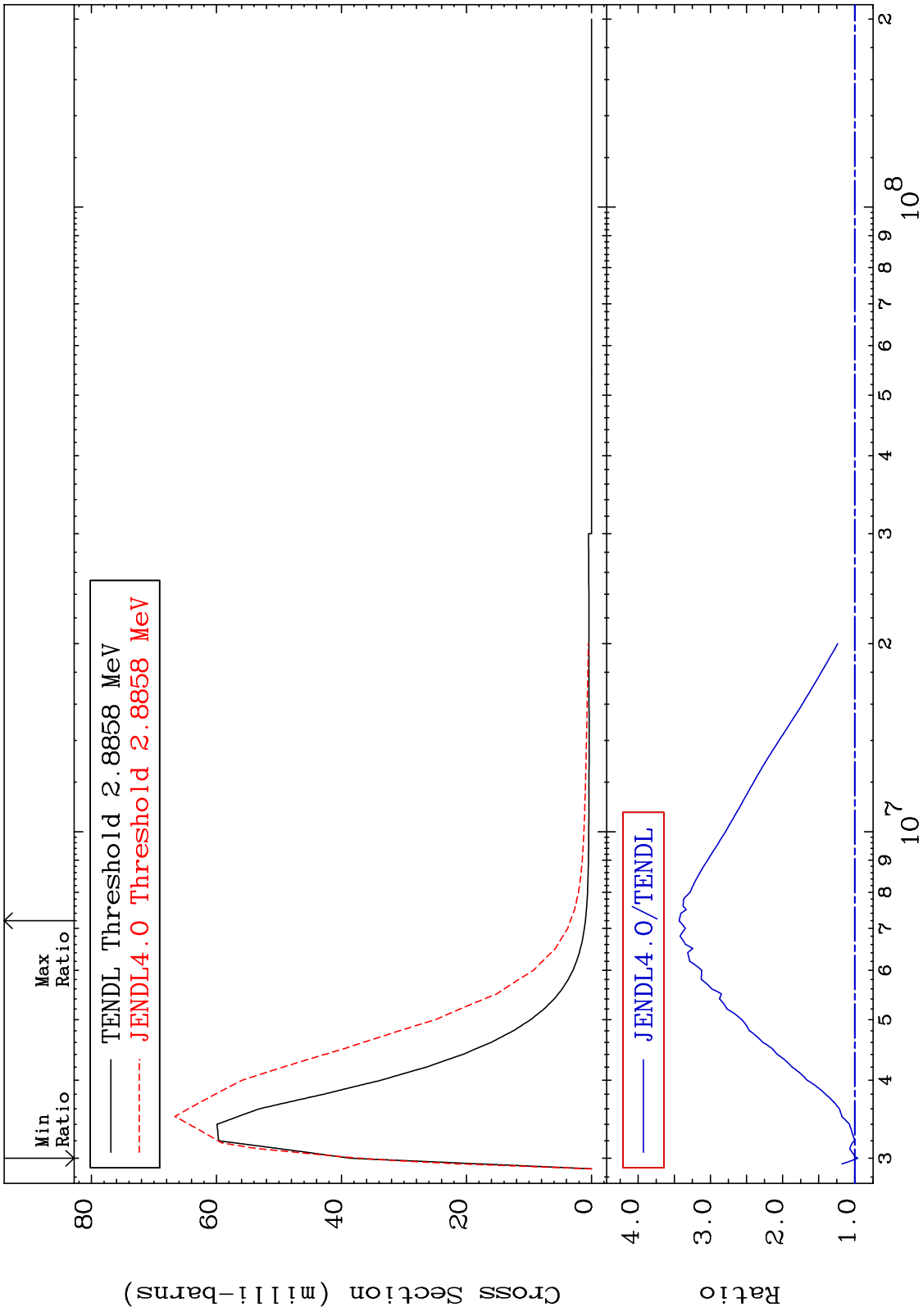


MAT 5025 MT= 63 (n,n') Level Cross Section 50-Sn-112
 -10.38 To 84.14 %

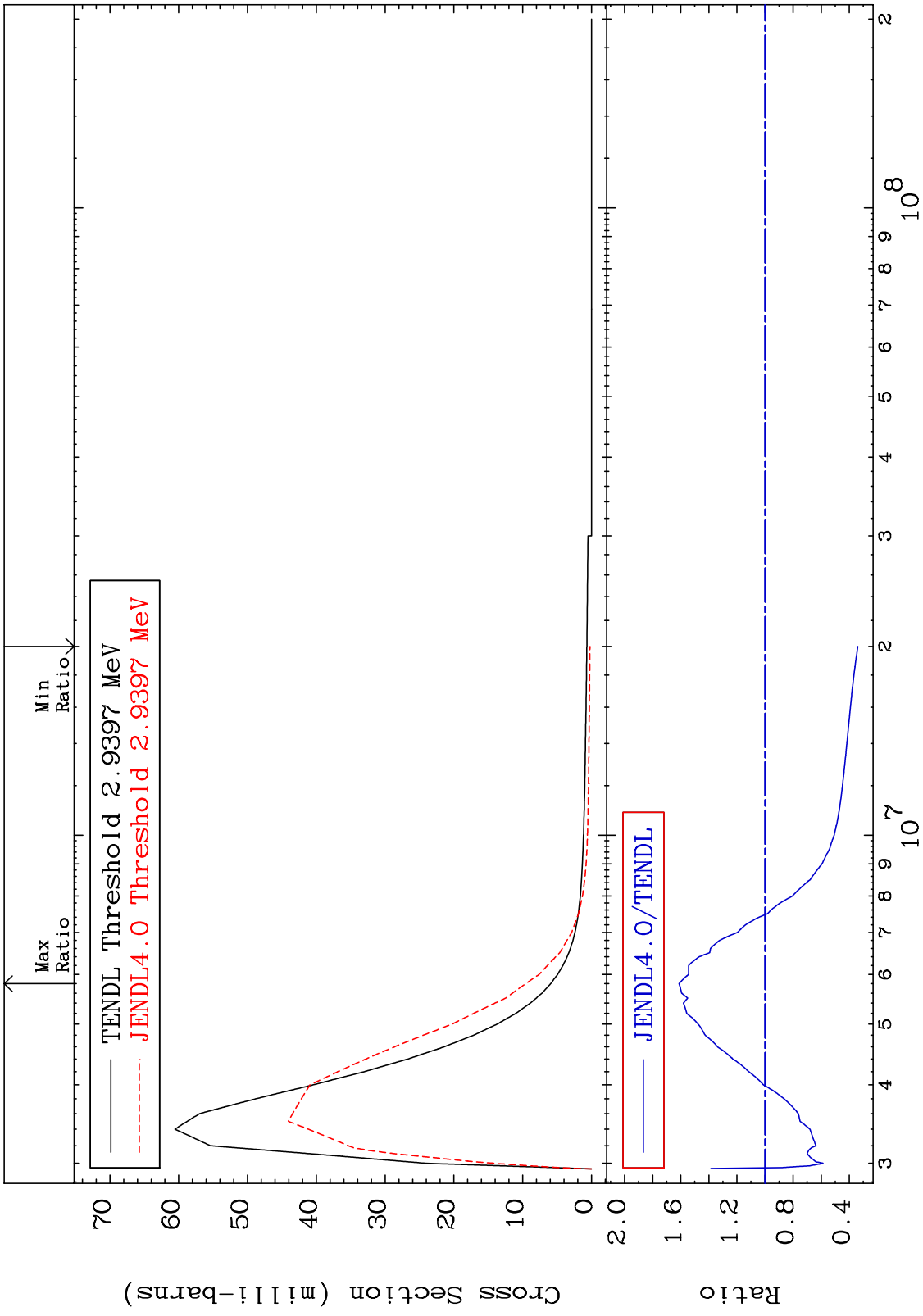


23 50-Sn-112 Incident Energy (eV)

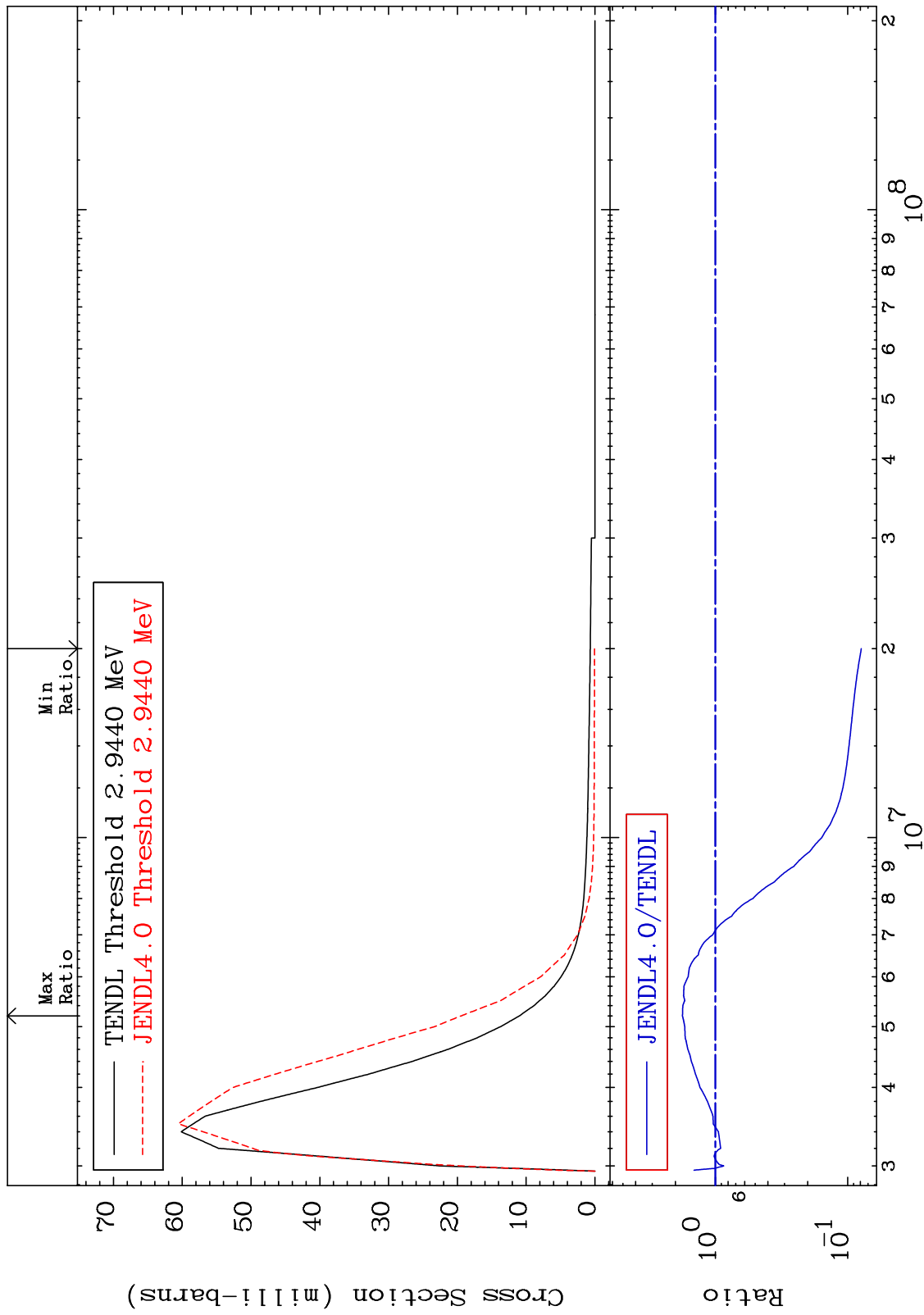
MAT 5025 MT= 64 (n,n') Level Cross Section 50-Sn-112 -4.243 To 243.4 %



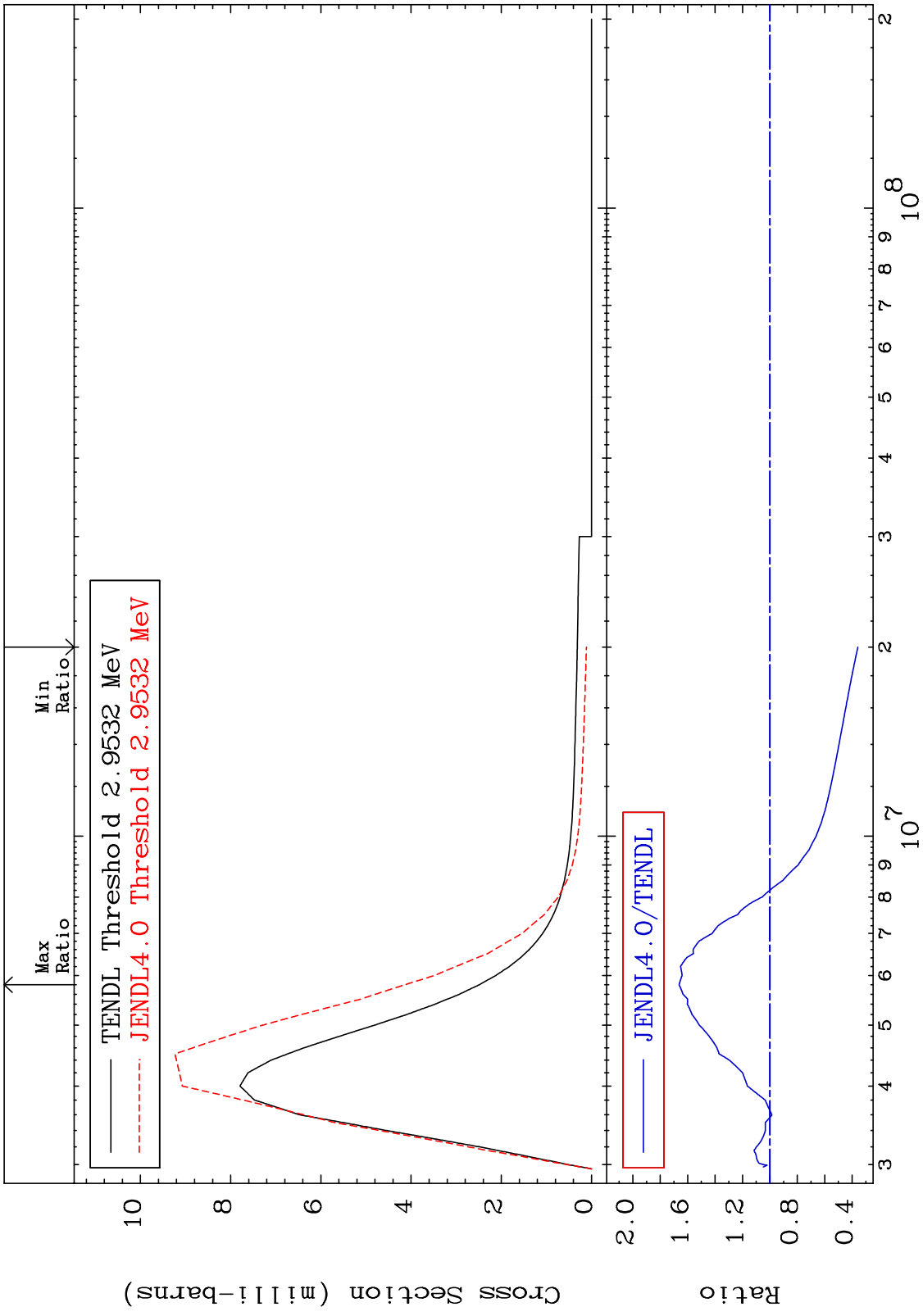
MAT 5025 MT= 65 (n,n') Level Cross Section 50-Sn-112
 -66.10 To 61.22 %



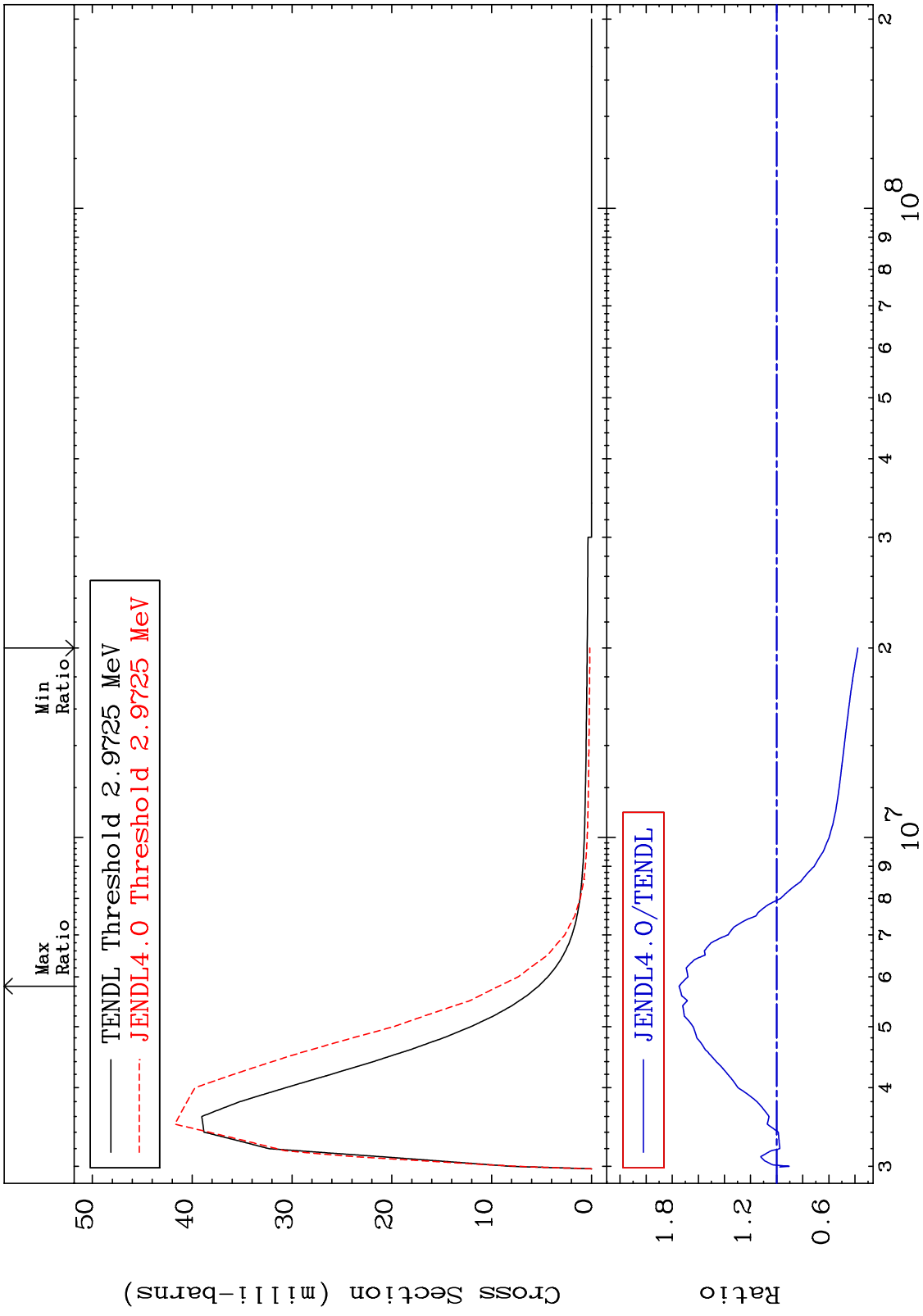
MAT 5025 MT= 66 (n,n') Level Cross Section 50-Sn-112
 -92.12 To 77.11 %



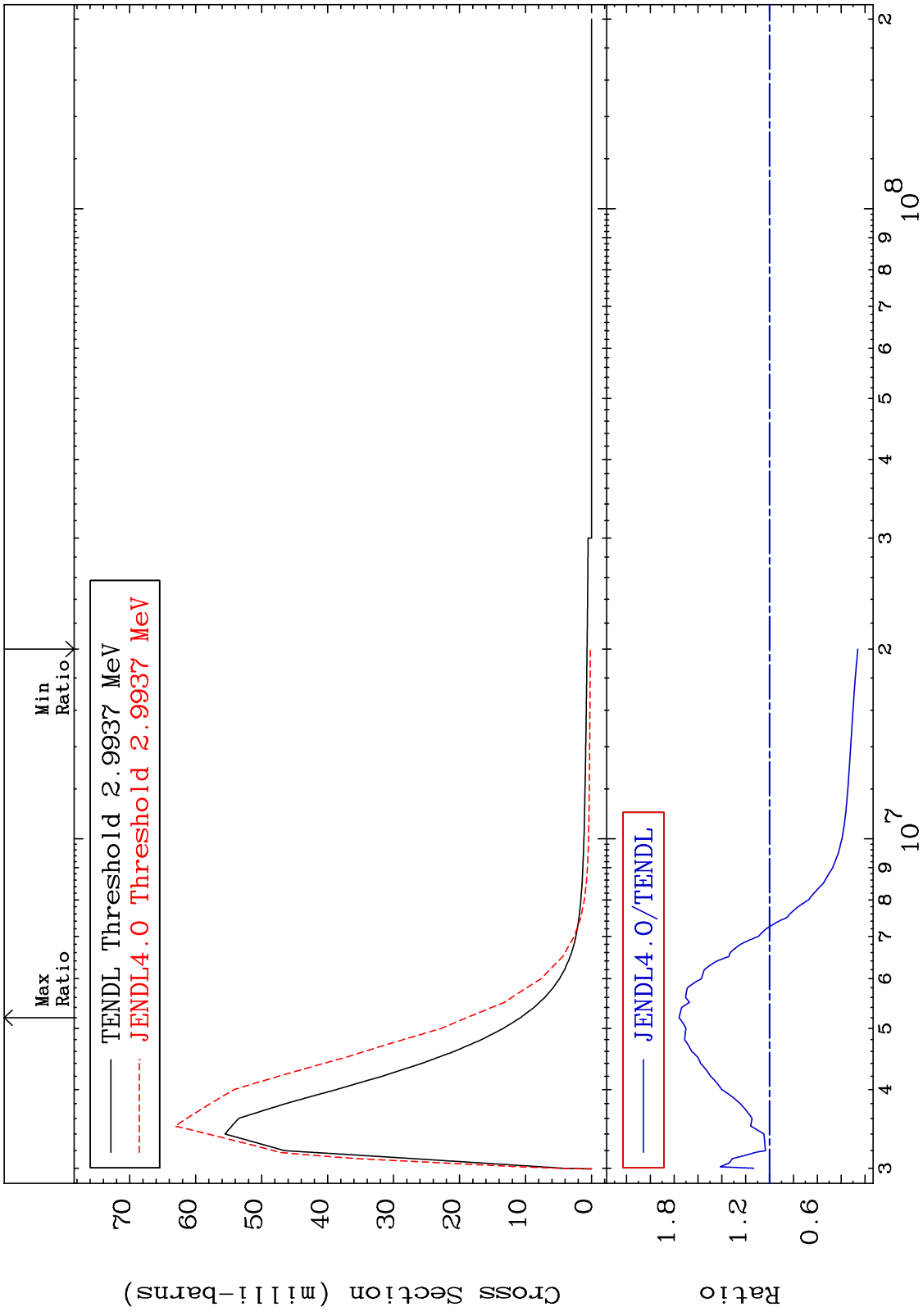
MAT 5025 MT= 67 (n,n') Level Cross Section 50-Sn-112 -64.21 To 66.30 %



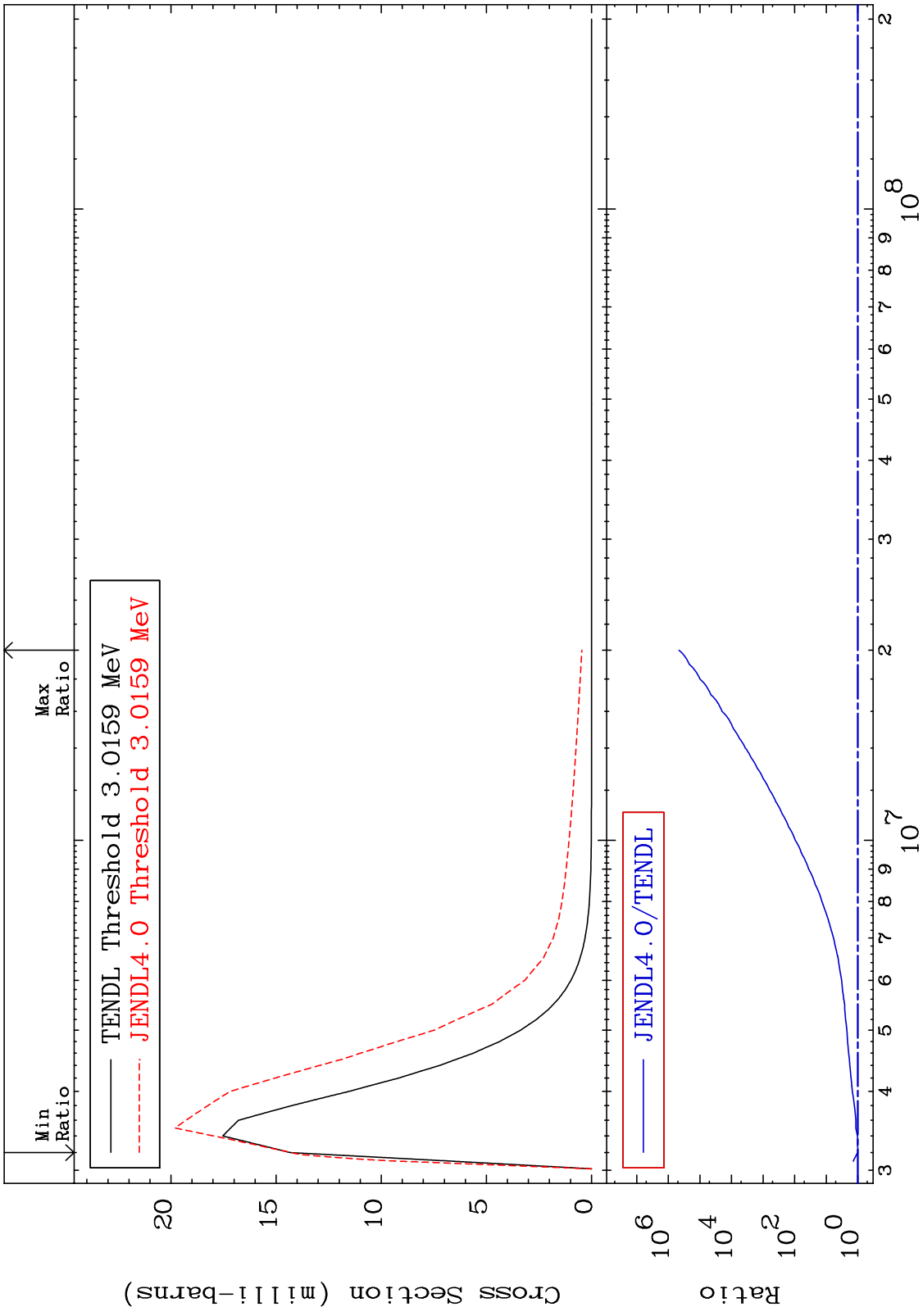
MAT 5025 MT= 68 (n,n') Level Cross Section 50-Sn-112 -62.19 To 74.78 %



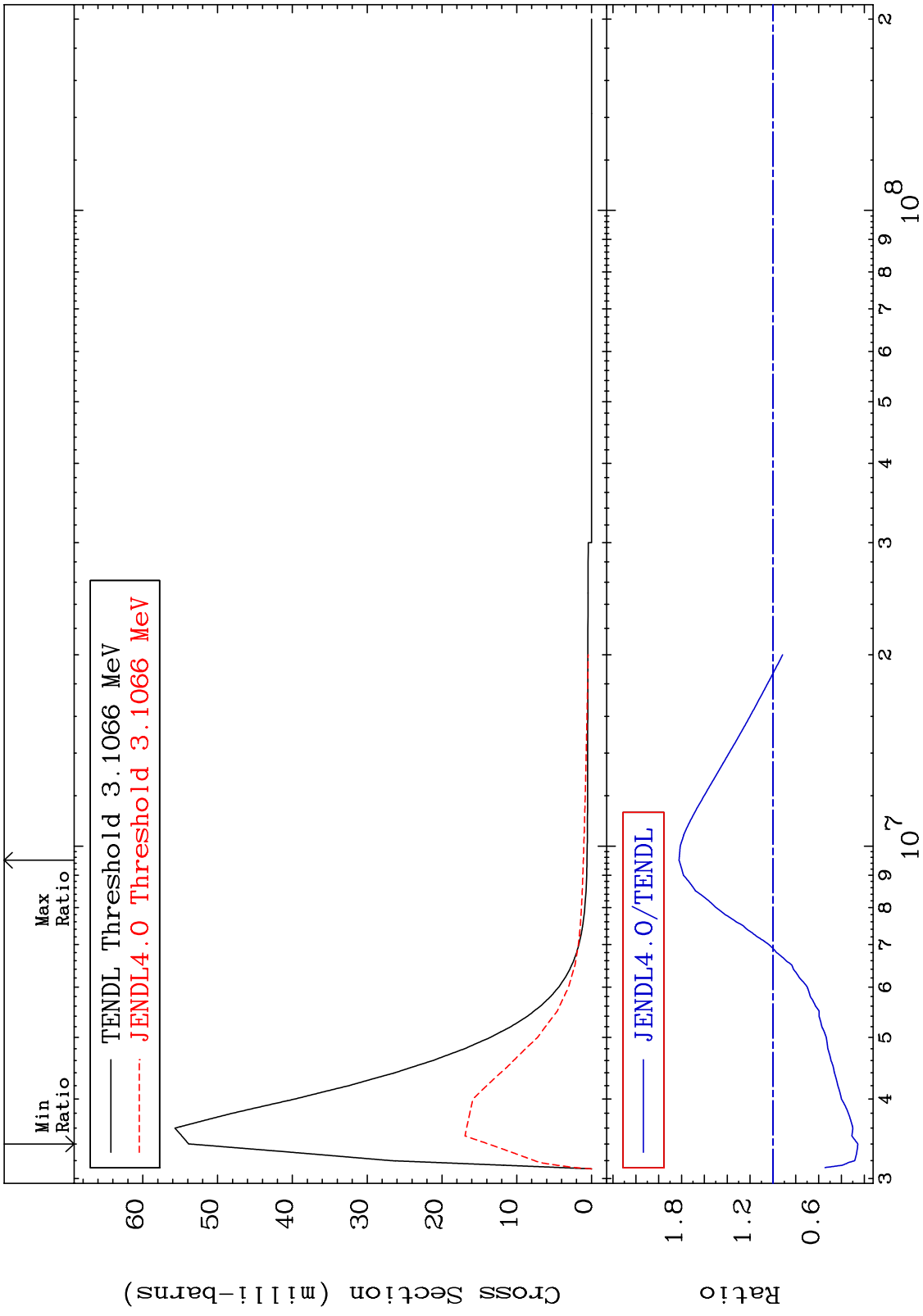
MAT 5025 MT= 69 (n,n') Level Cross Section 50-Sn-112
 -73.99 To 75.88 %



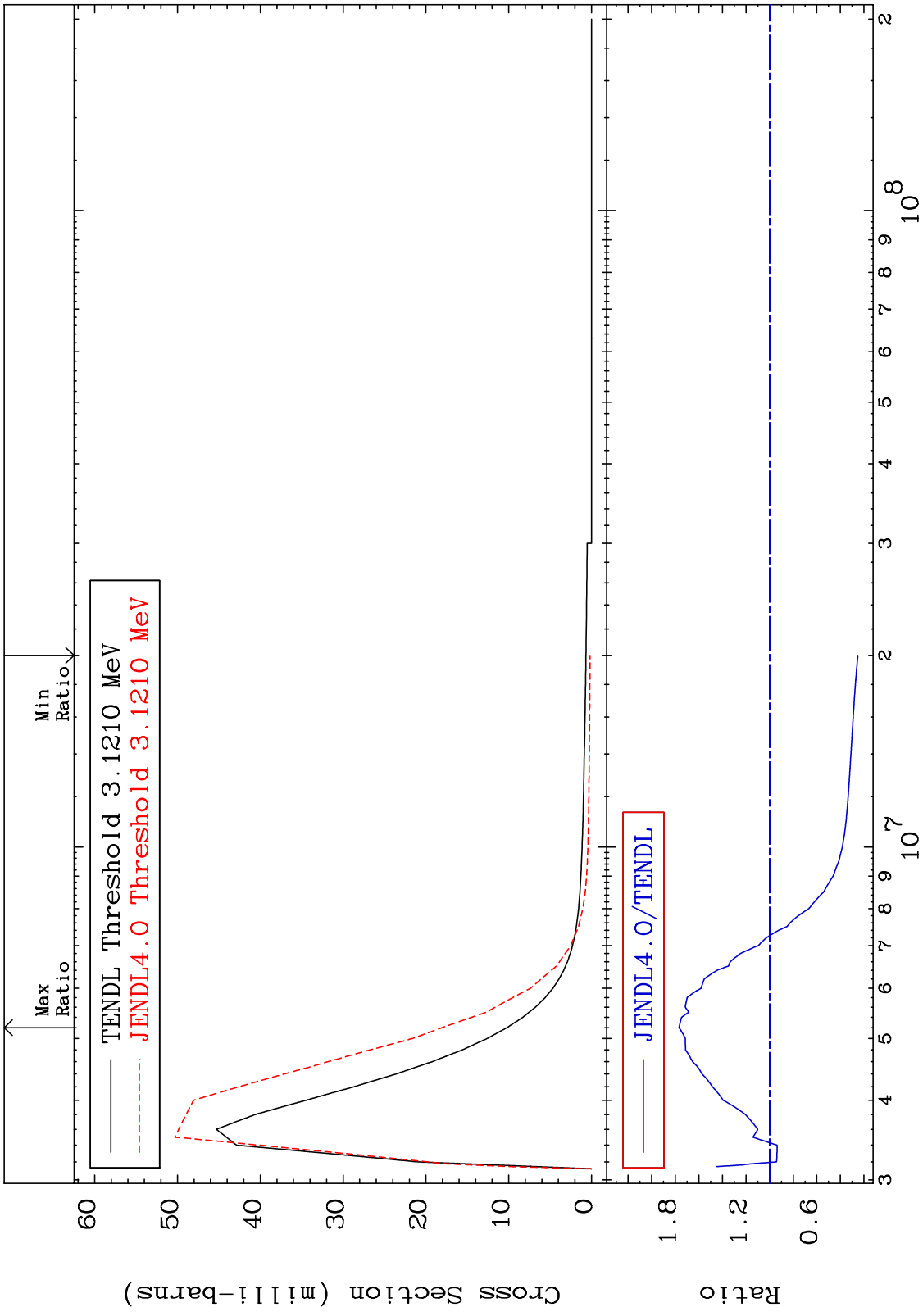
MAT 5025 MT= 70 (n,n') Level Cross Section 50-Sn-112
 -0.402 To 9999. %



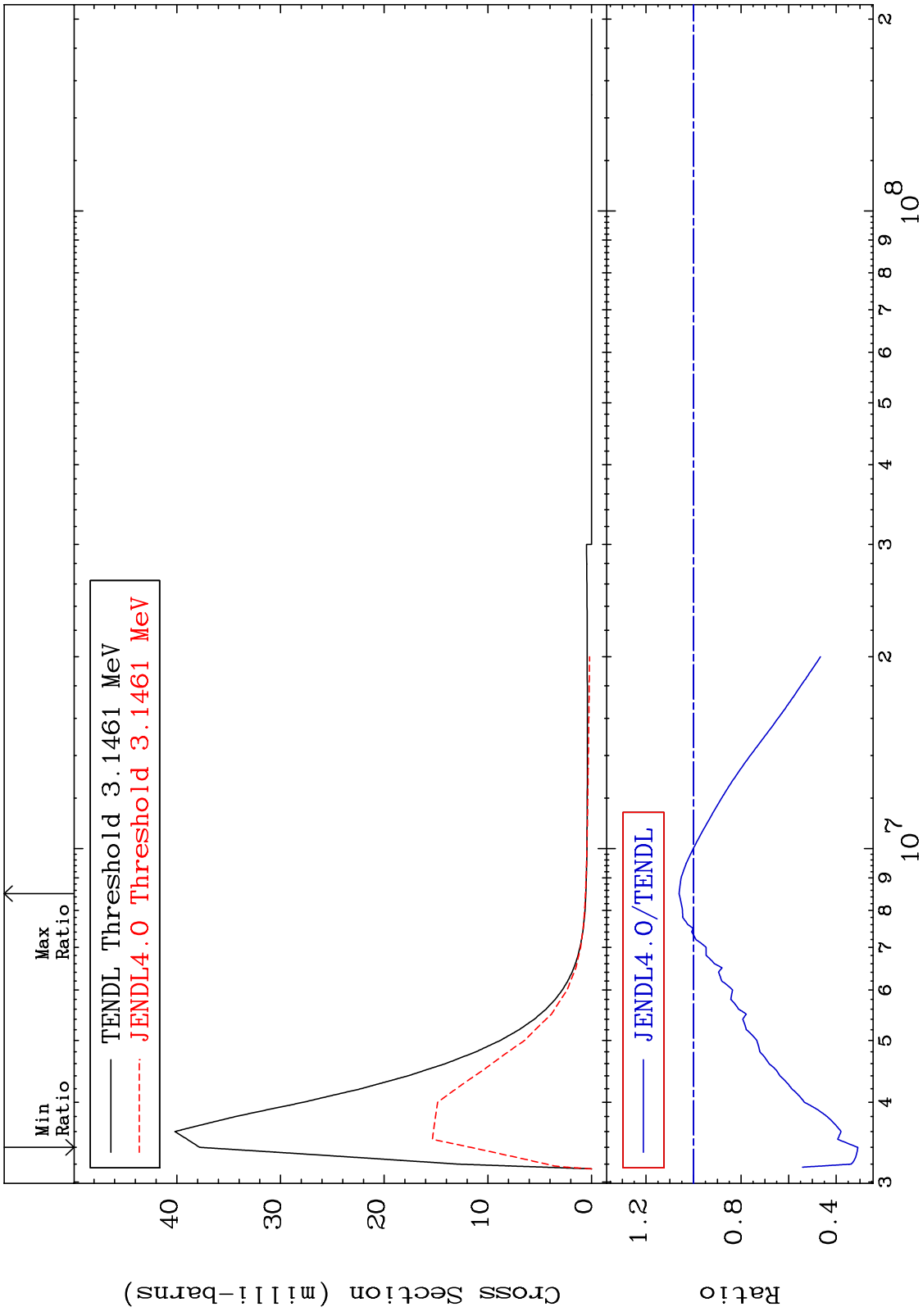
MAT 5025 MT= 71 (n,n') Level Cross Section 50-Sn-112
 -74.35 To 82.17 %



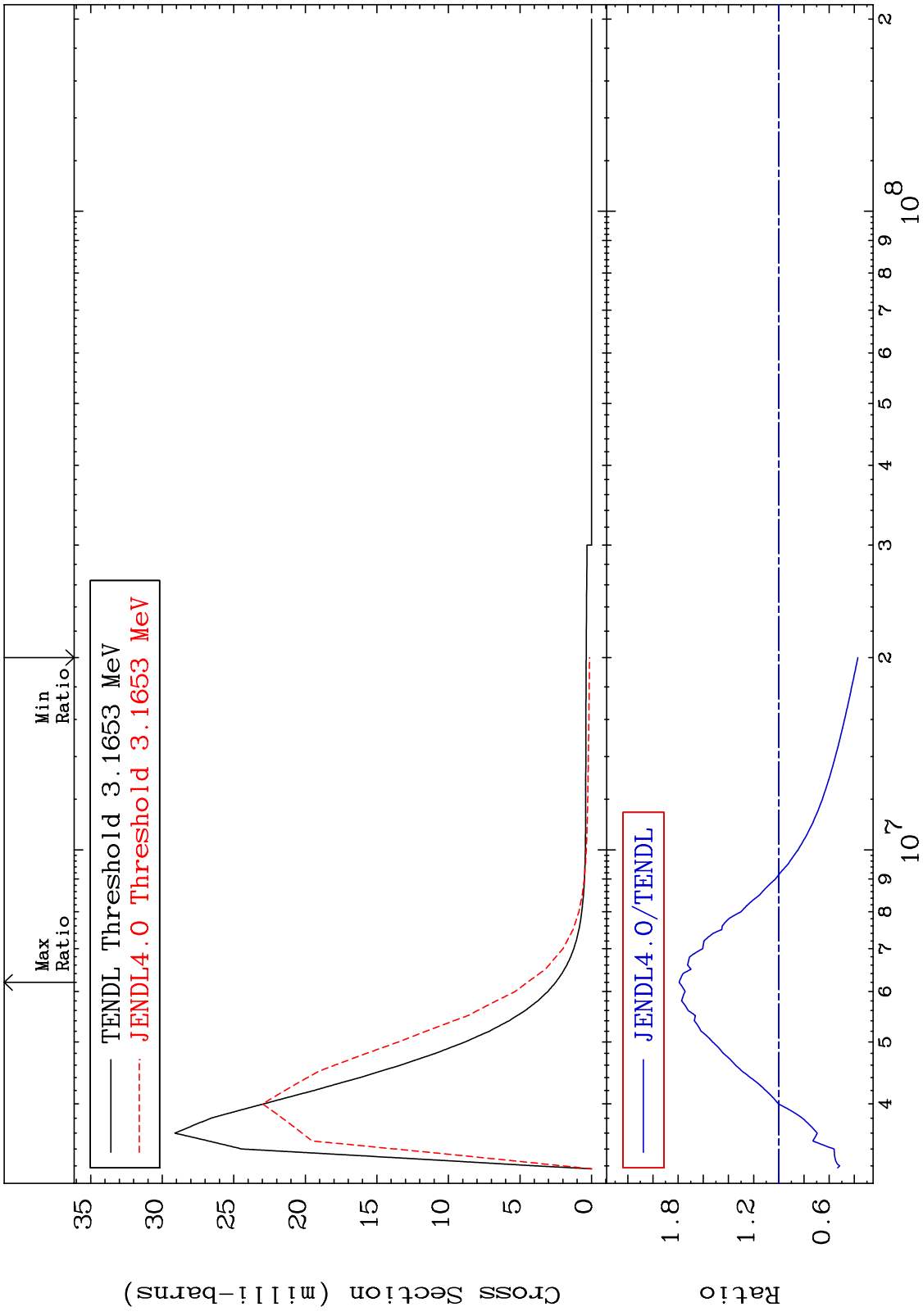
MAT 5025 MT= 72 (n,n') Level Cross Section 50-Sn-112
 -74.79 To 76.78 %



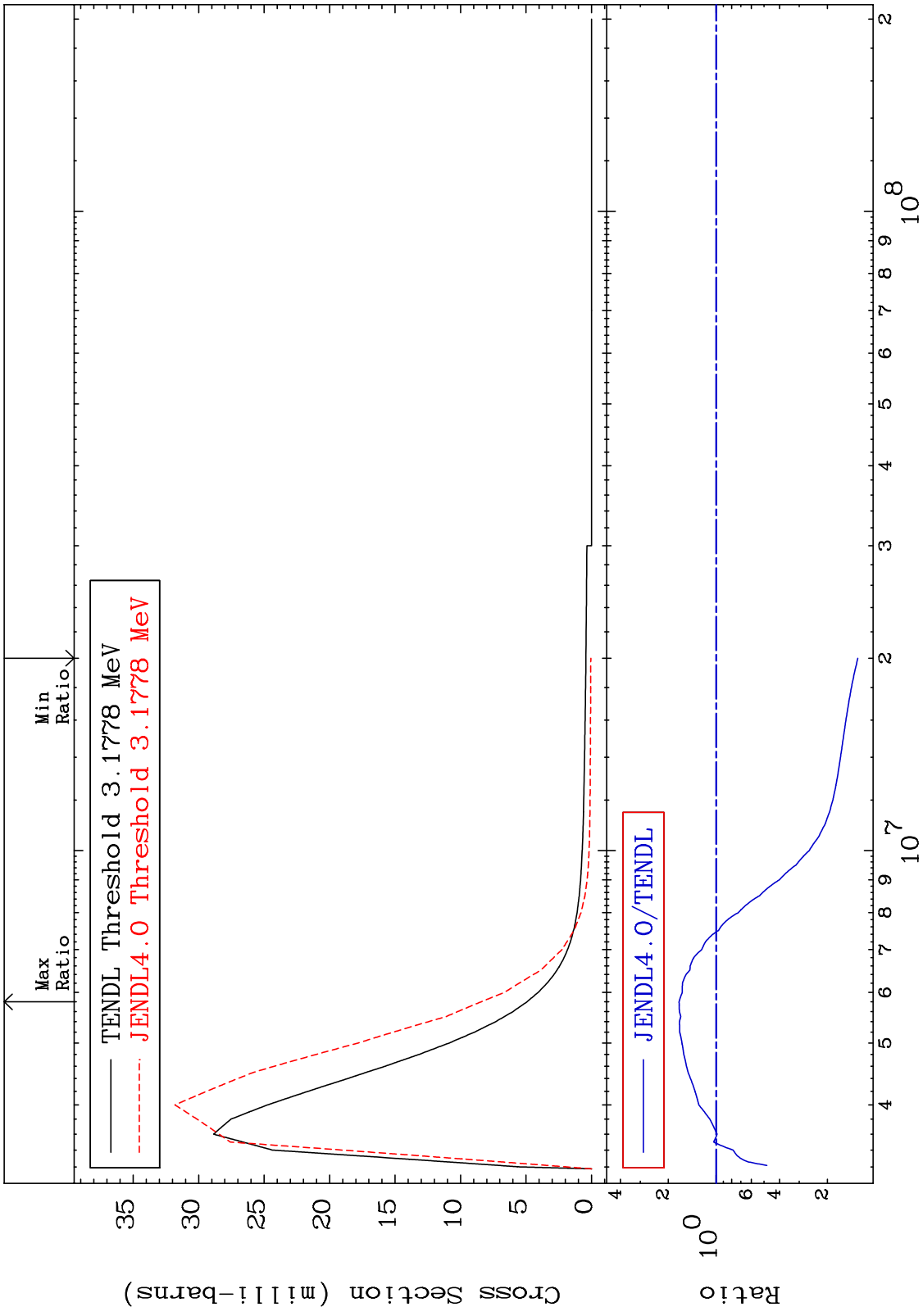
MAT 5025 MT= 73 (n,n') Level Cross Section 50-Sn-112
 -69.11 To 6.123 %



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



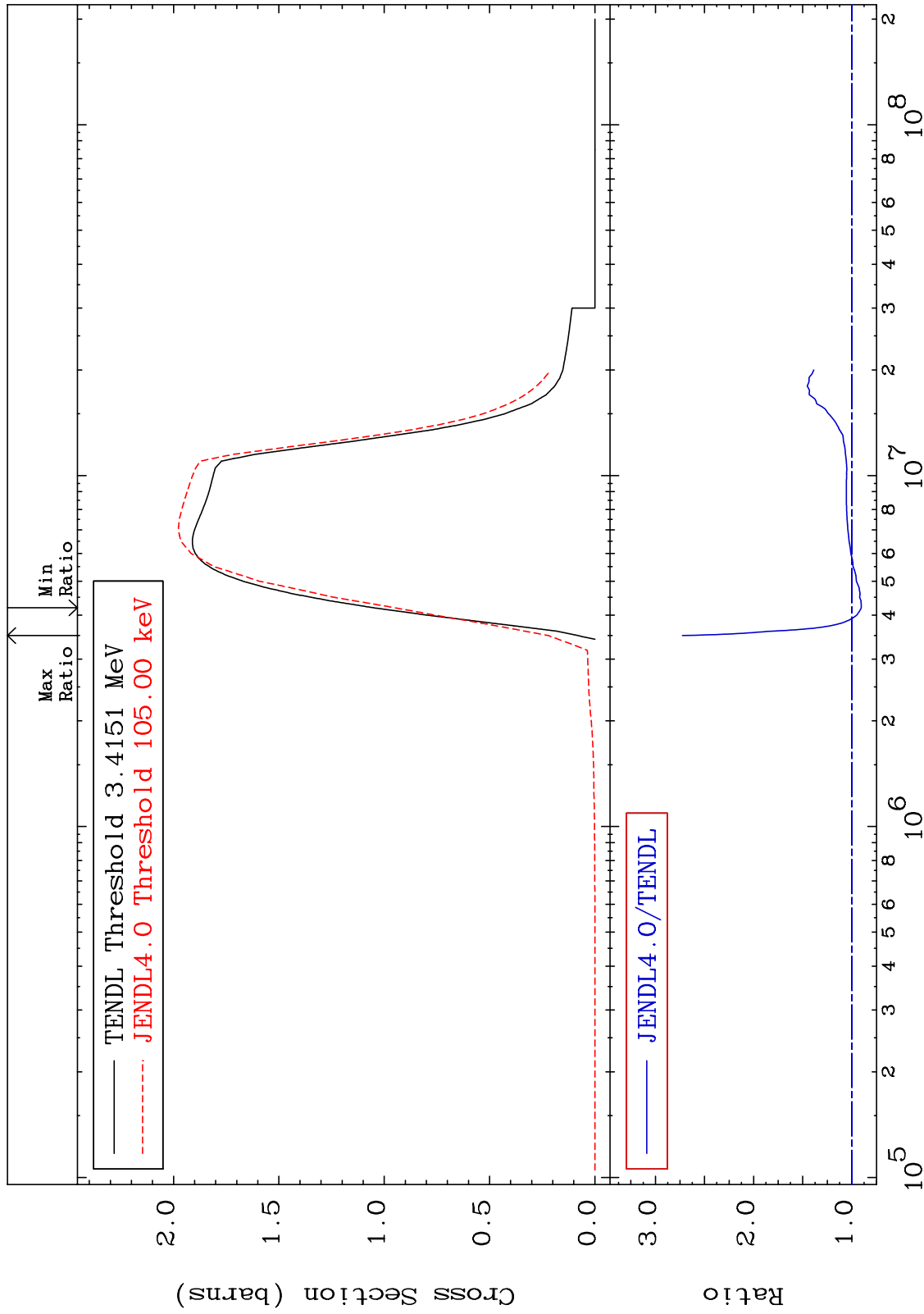
MAT 5025 MT= 75 (n,n') Level Cross Section 50-Sn-112
 -87.14 To 71.10 %



MAT 5025

(n, n') Continuum
Cross Section

50-Sn-112
-9.603 To 172.5 %



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Incident Energy (eV)

50-Sn-112

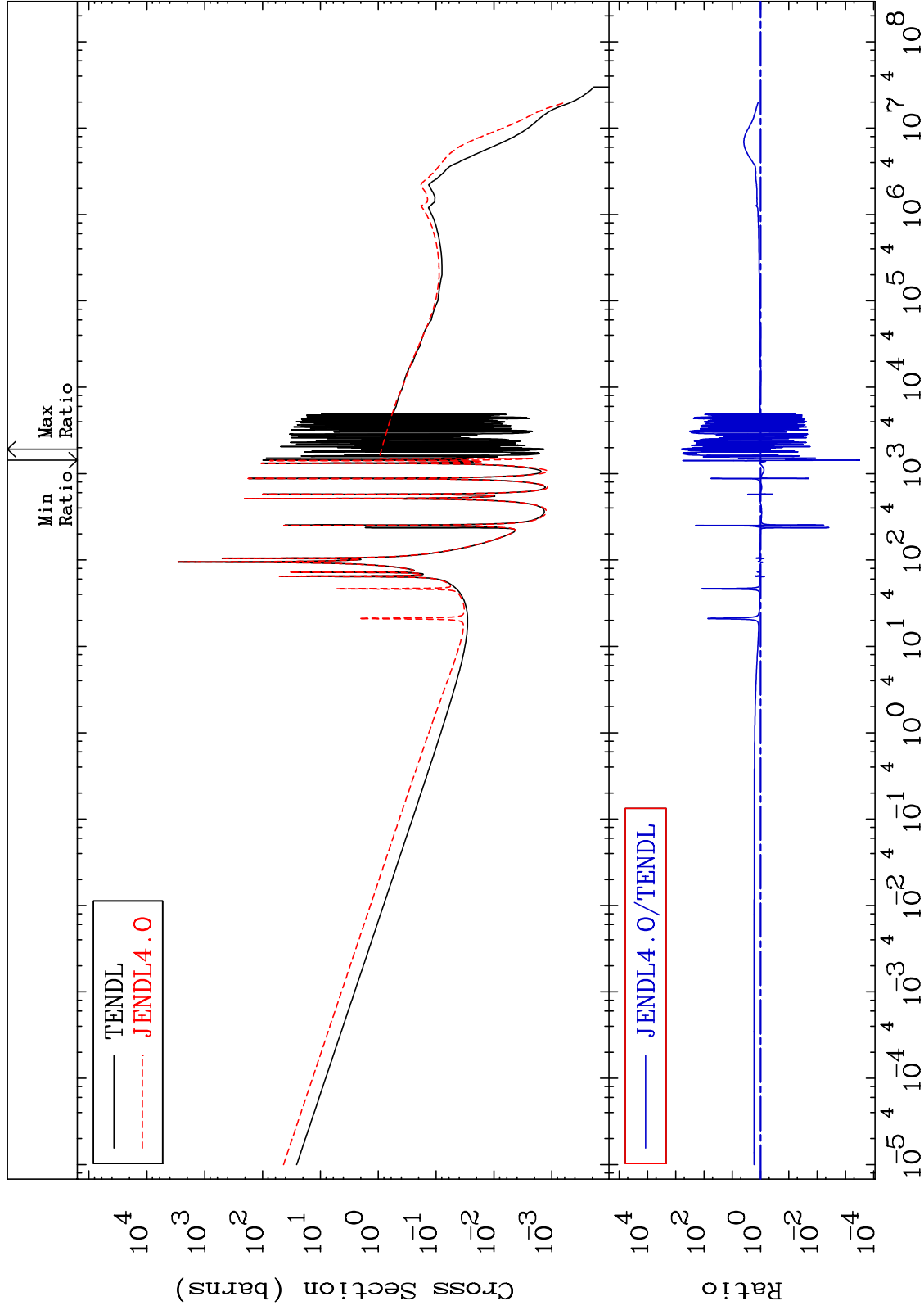
MAT 5025

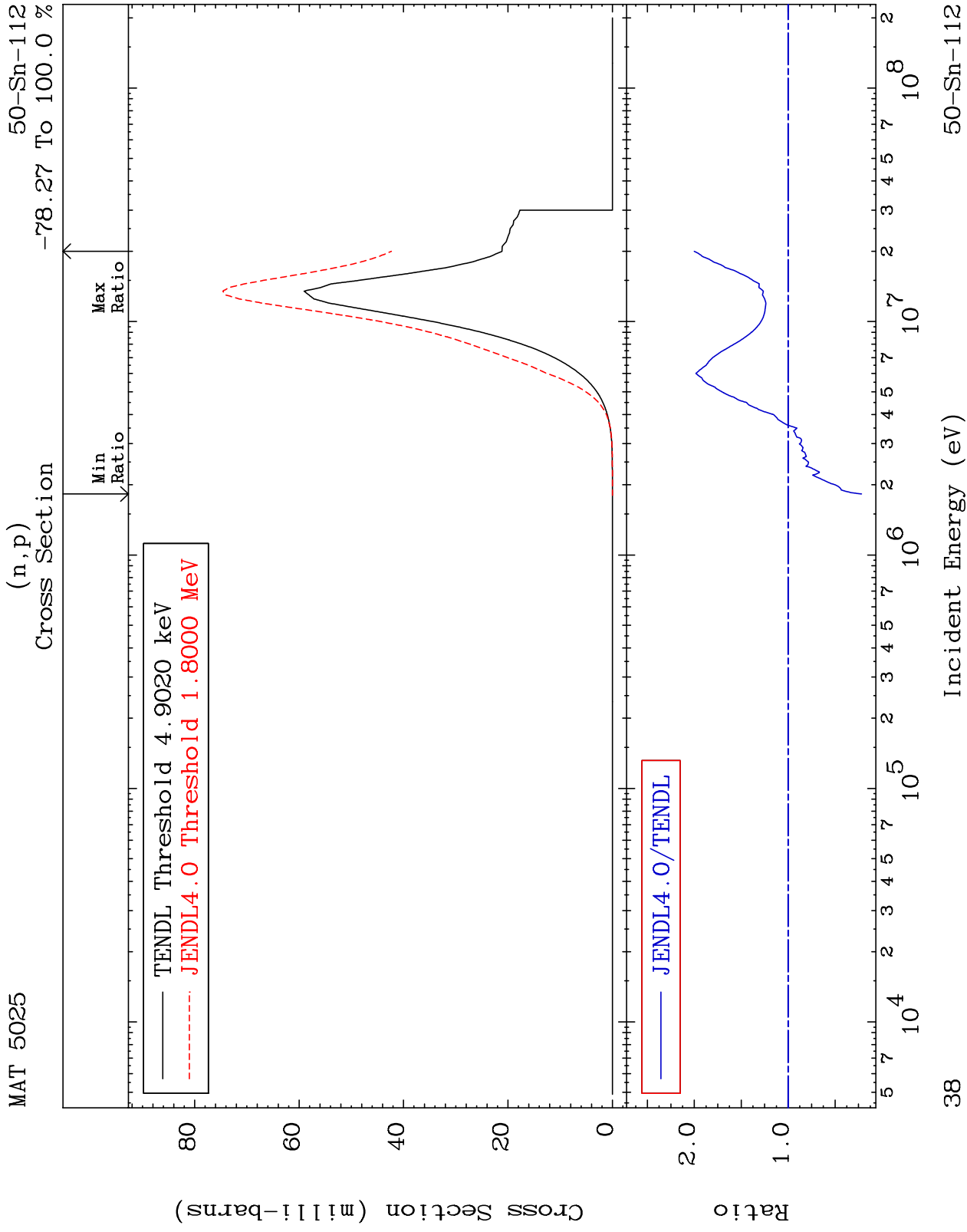
(n, γ)

50-Sn-112

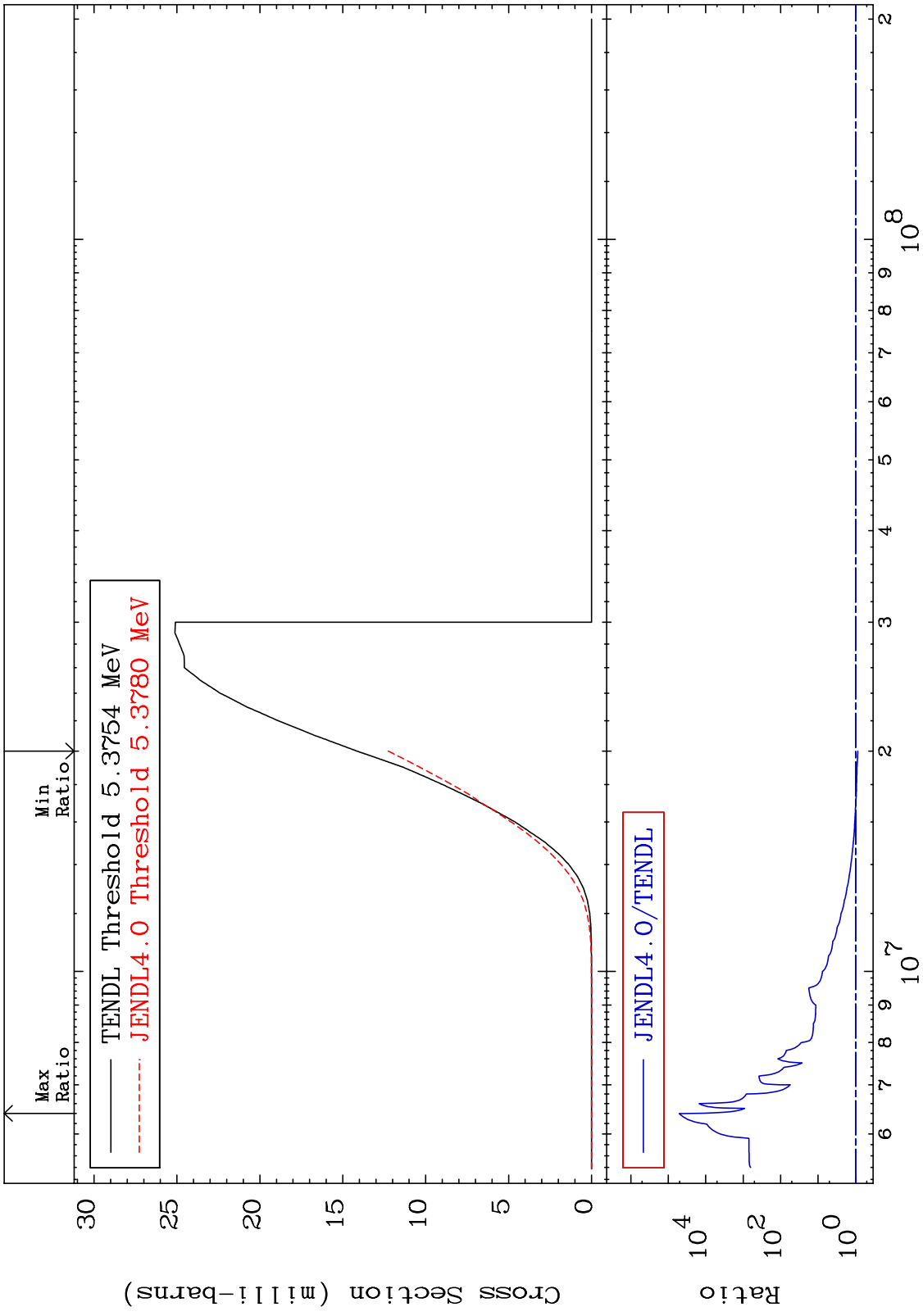
-99.97 To 9999. %

Cross Section

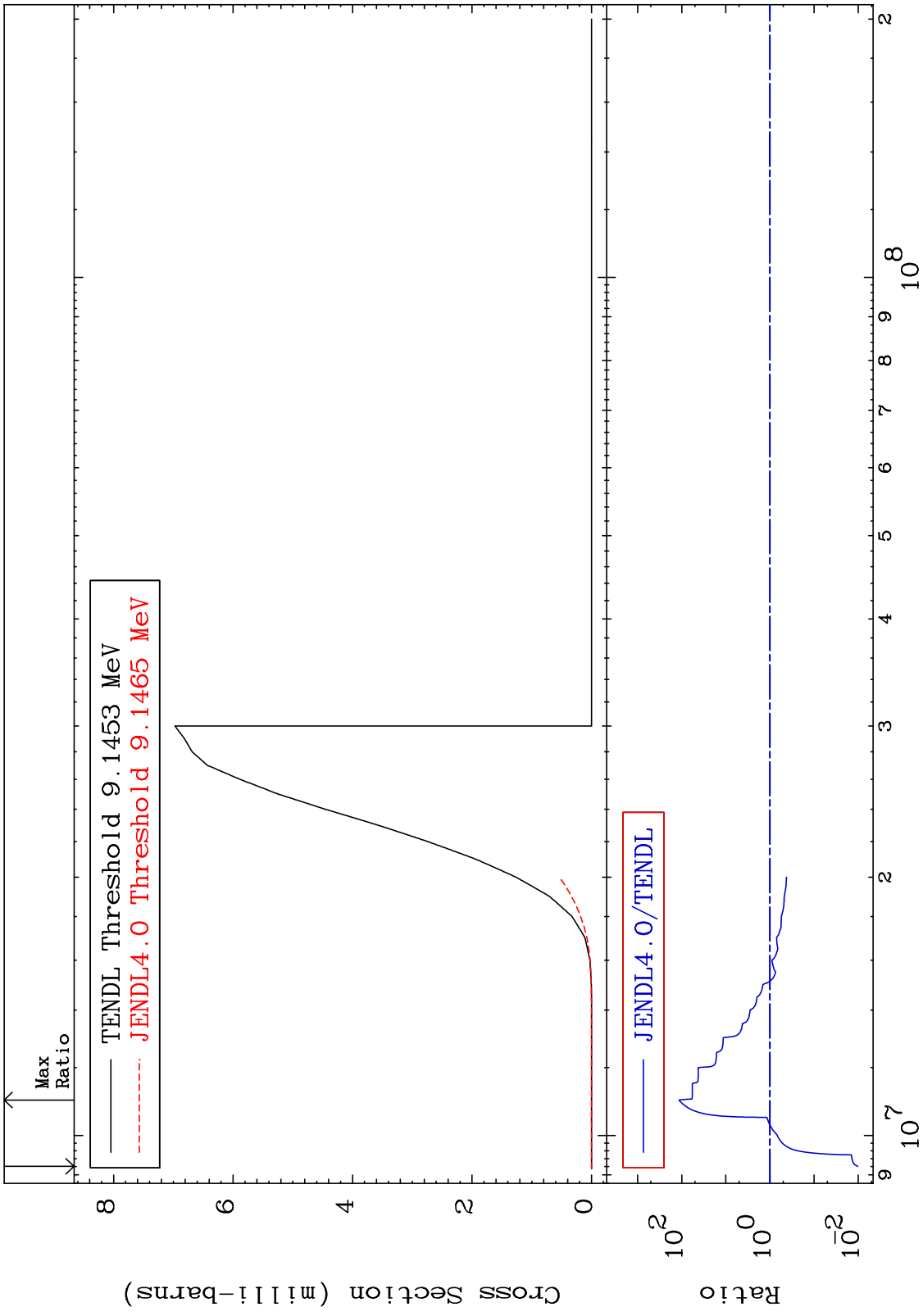




MAT 5025 (n,d) 50-Sn-112
 Cross Section -13.38 To 9999. %

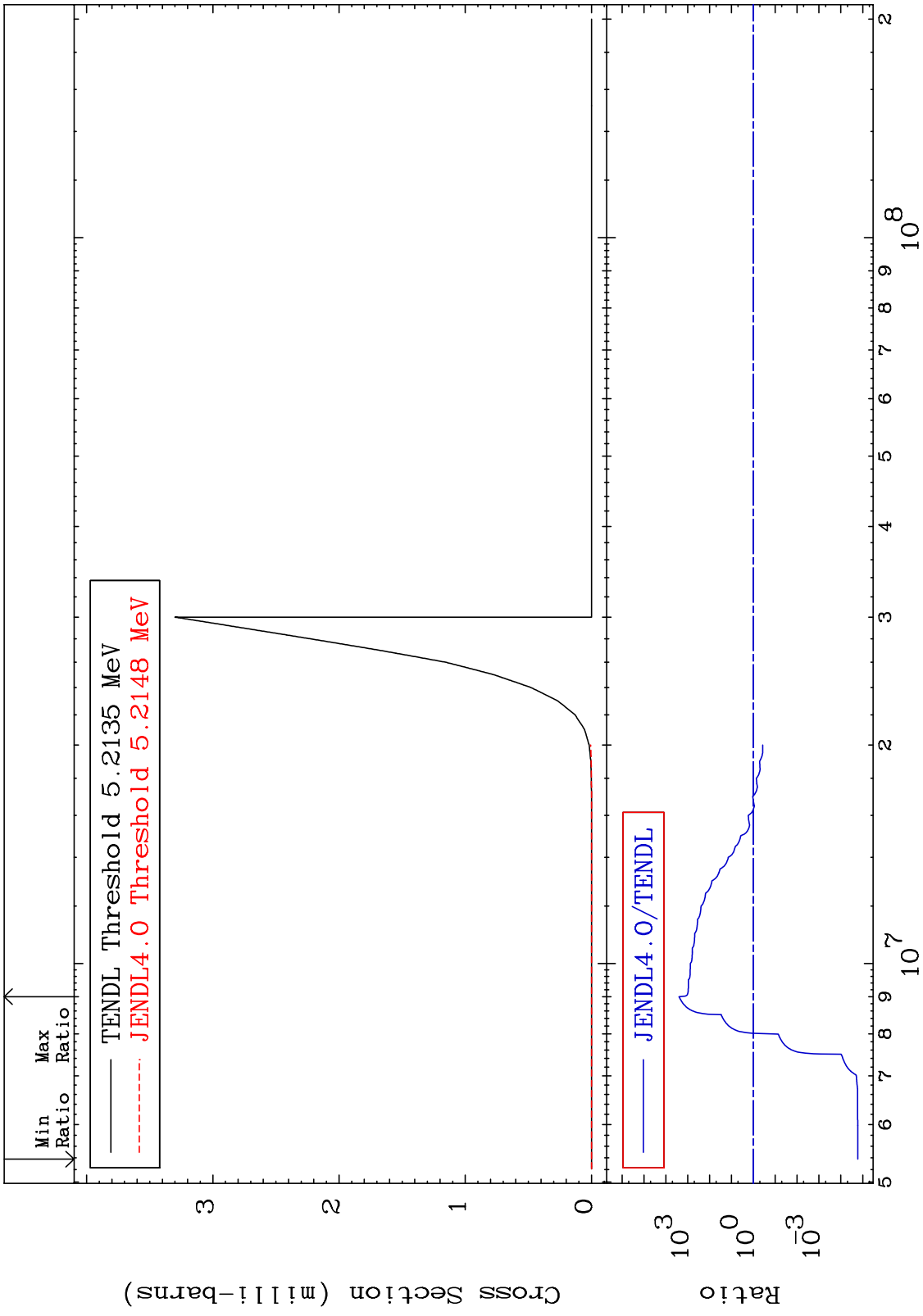


MAT 5025 (n,t) 50-Sn-112
Cross Section -98.98 To 9999. %

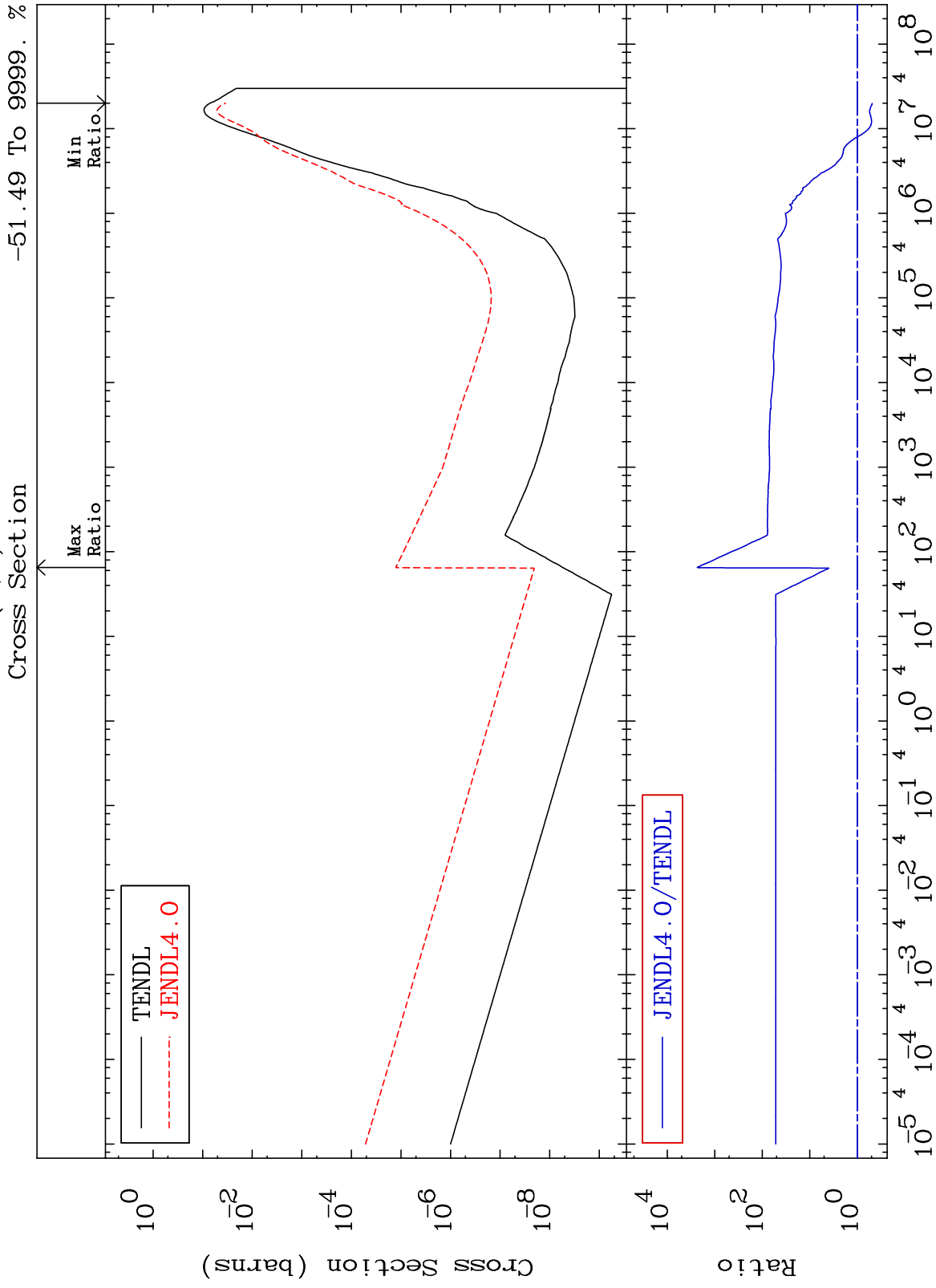


40 9 10⁷ 2 10⁸ Incident Energy (eV) 50-Sn-112

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

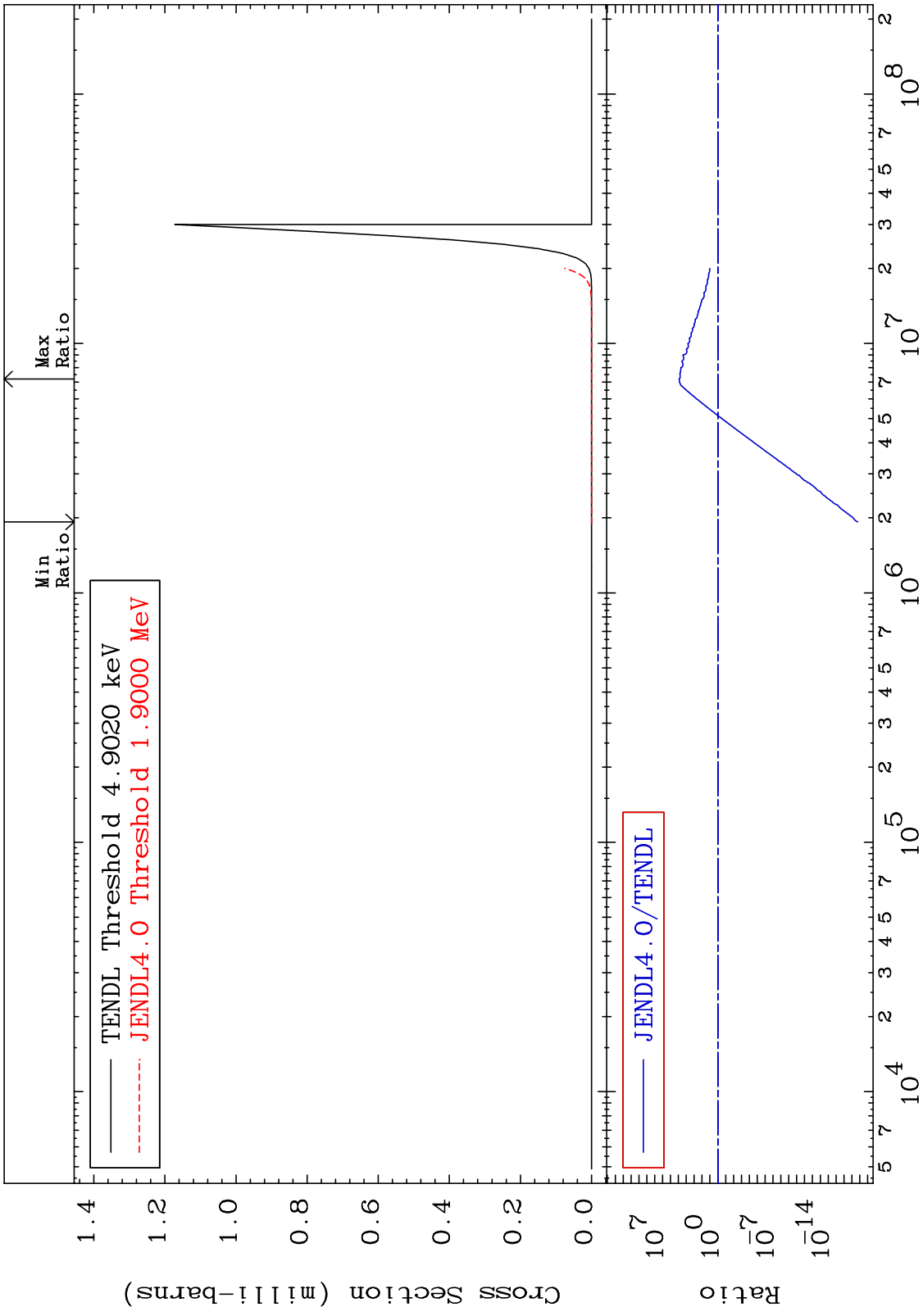


MAT 5025 (n, α) 50-Sn-112 -51.49 To 9999. %

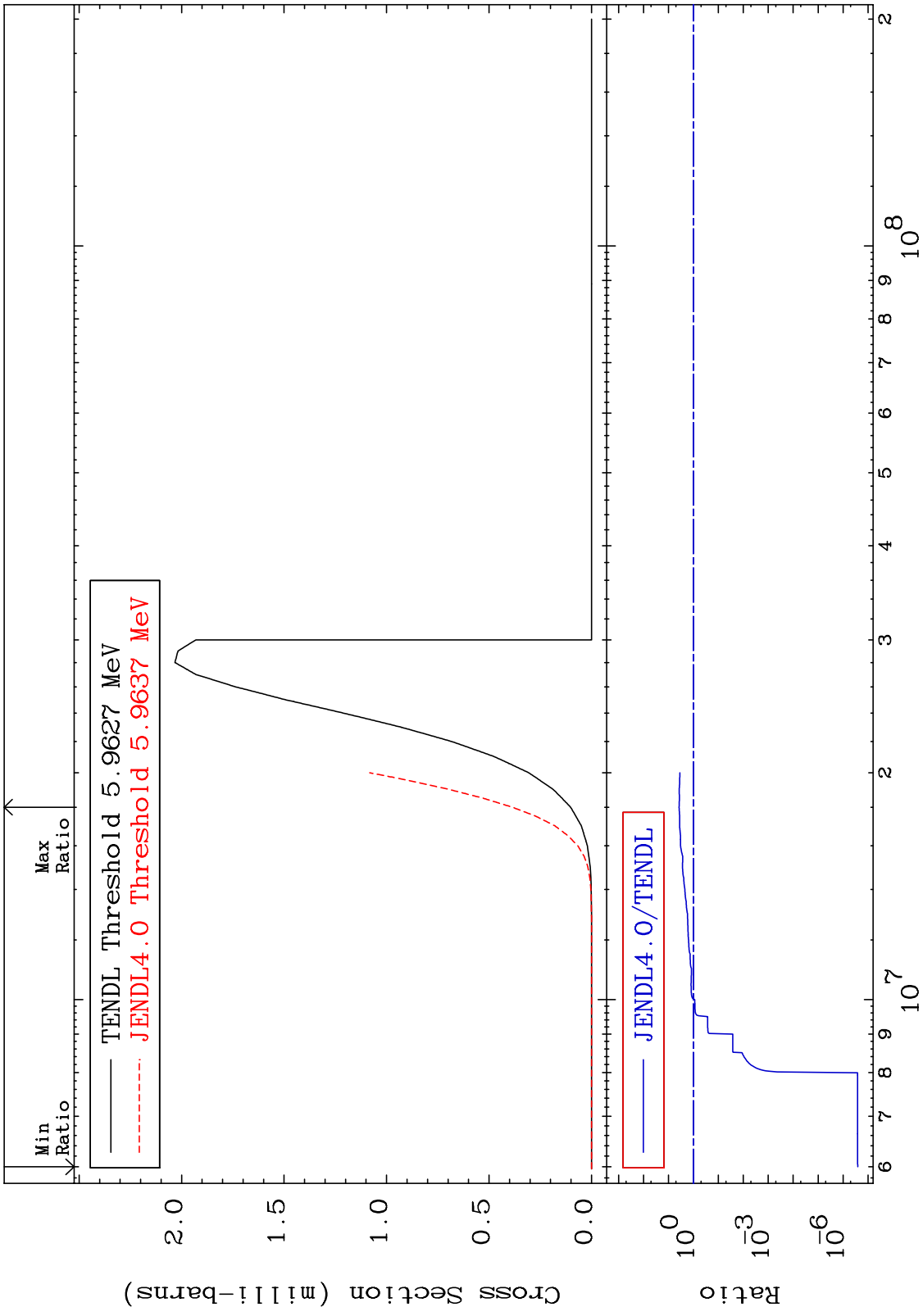


42 50-Sn-112

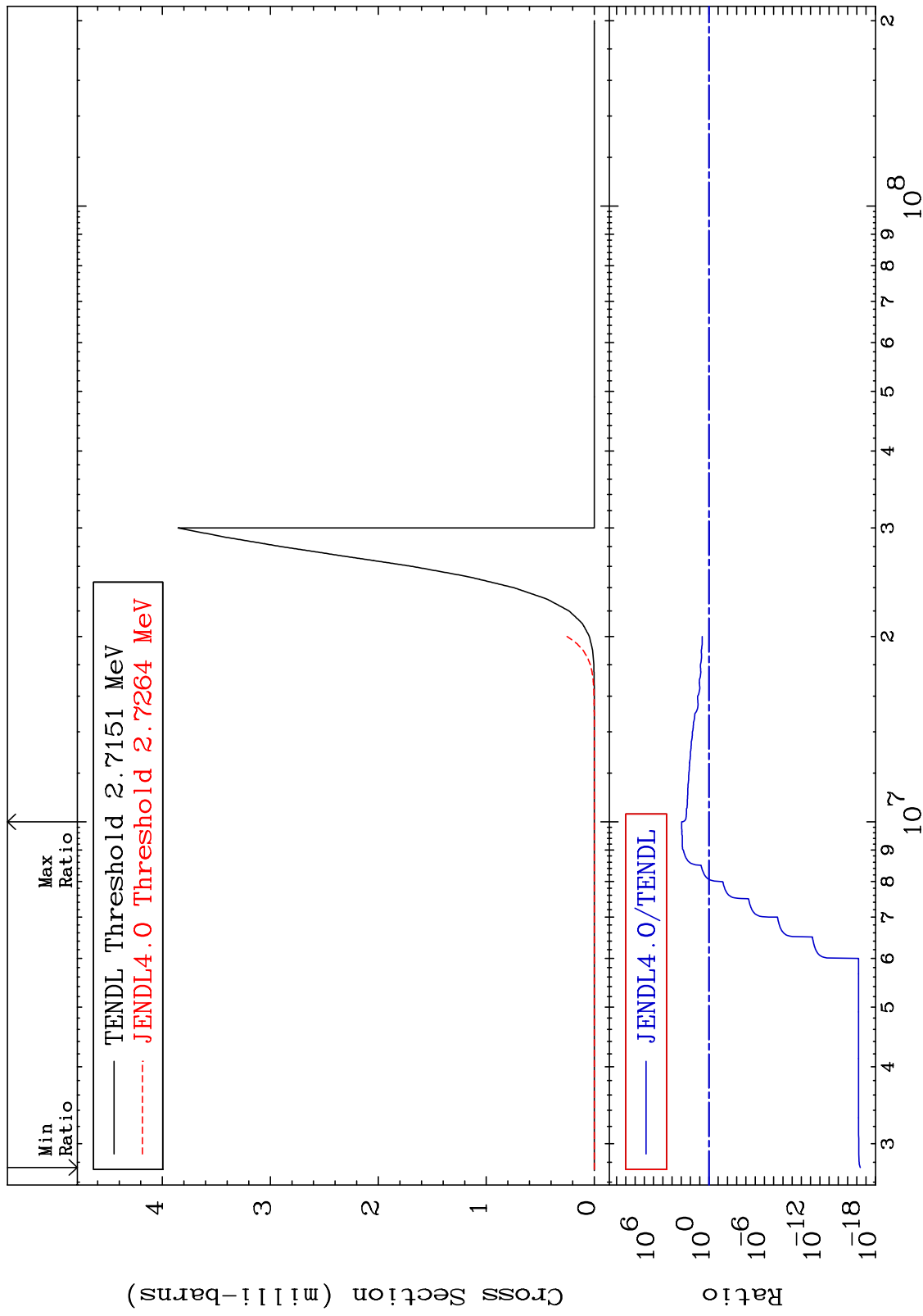
MAT 5025 $(n, 2\alpha)$ 50-Sn-112
 Cross Section -100.0 To 9999. %



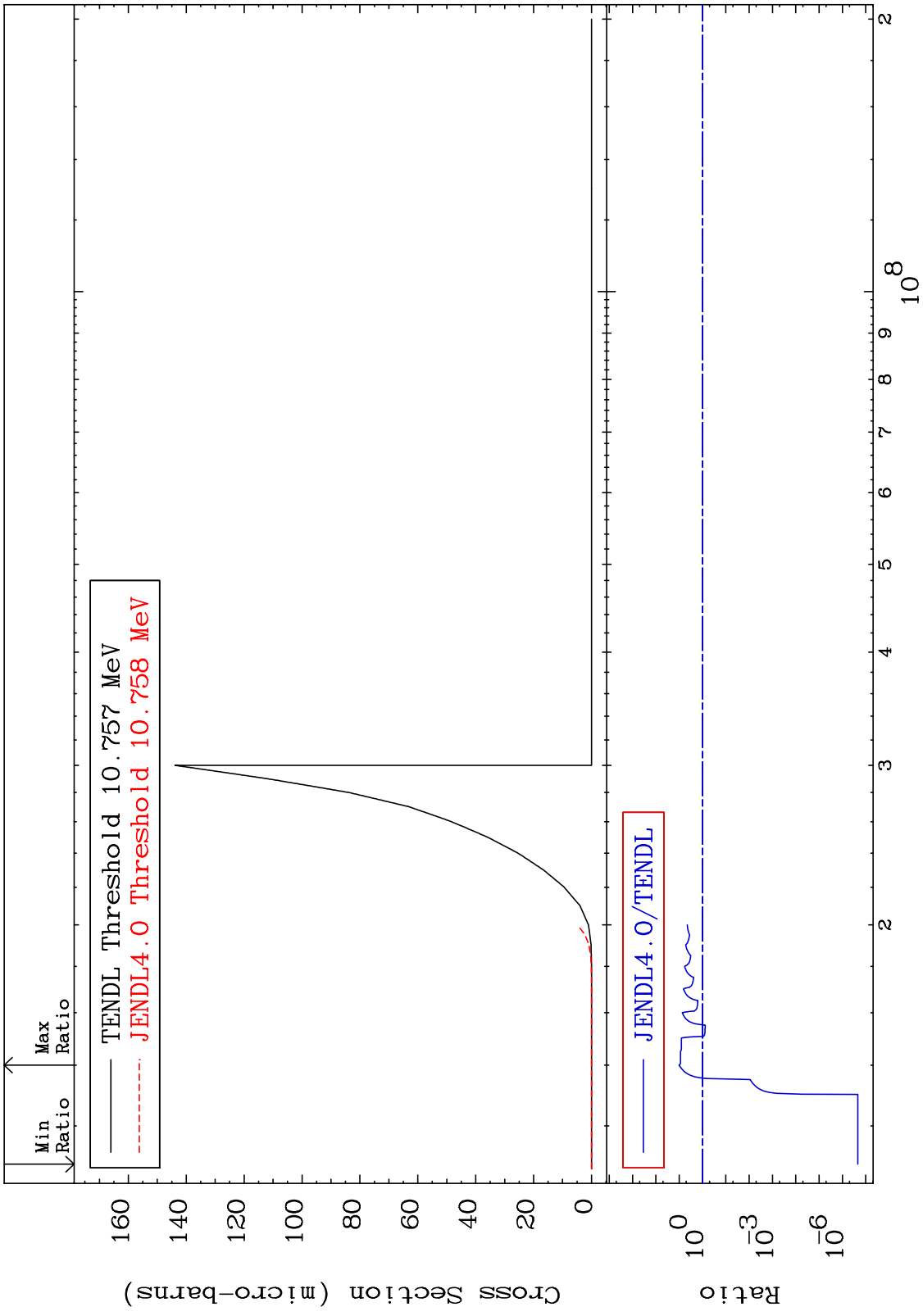
MAT 5025 50-Sn-112
-100.0 To 278.2 %



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



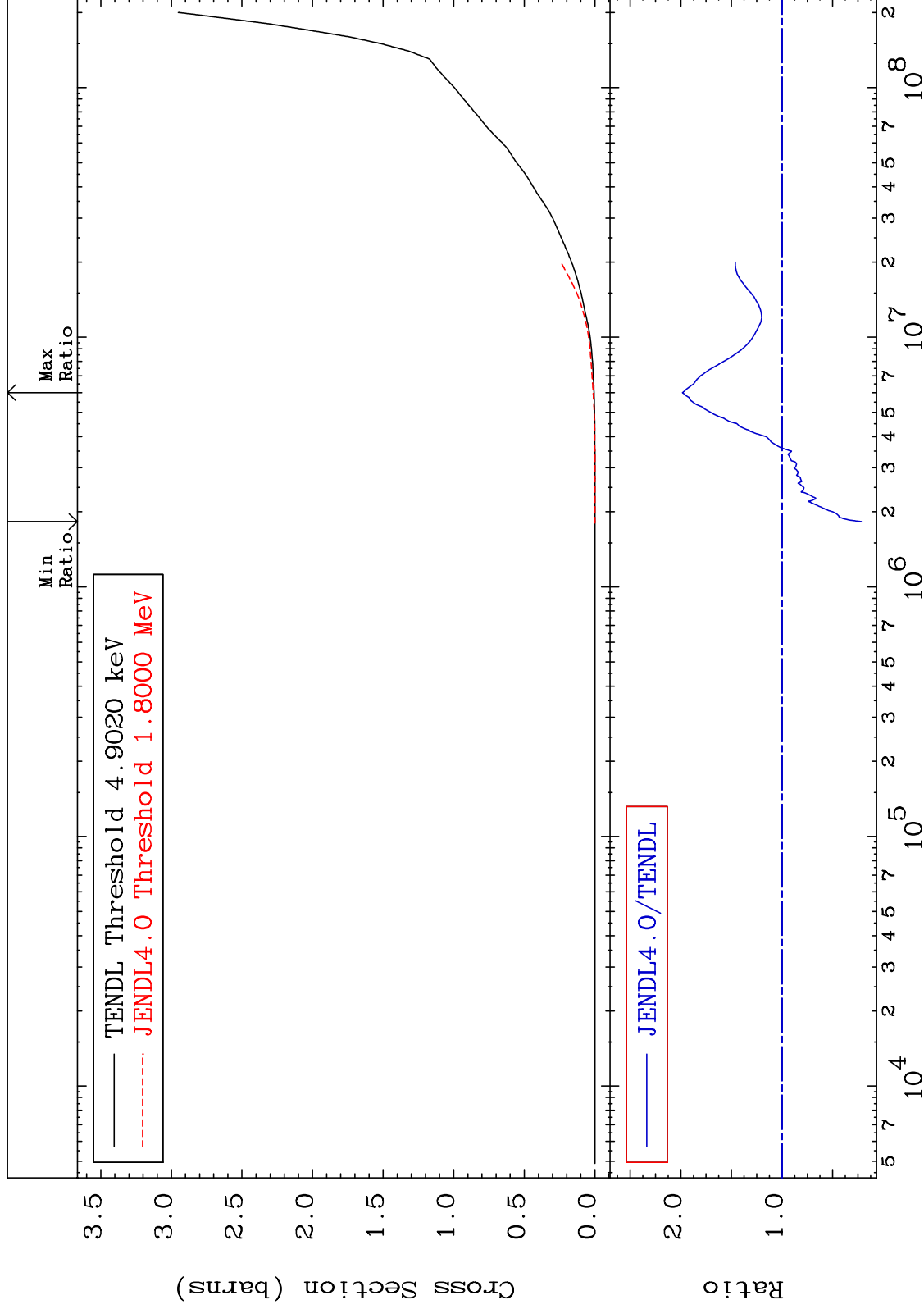
MAT 5025 (n,p) d 50-Sn-112
 Cross Section -100.0 To 917.5 %



MAT 5025

Hydrogen Production
Cross Section

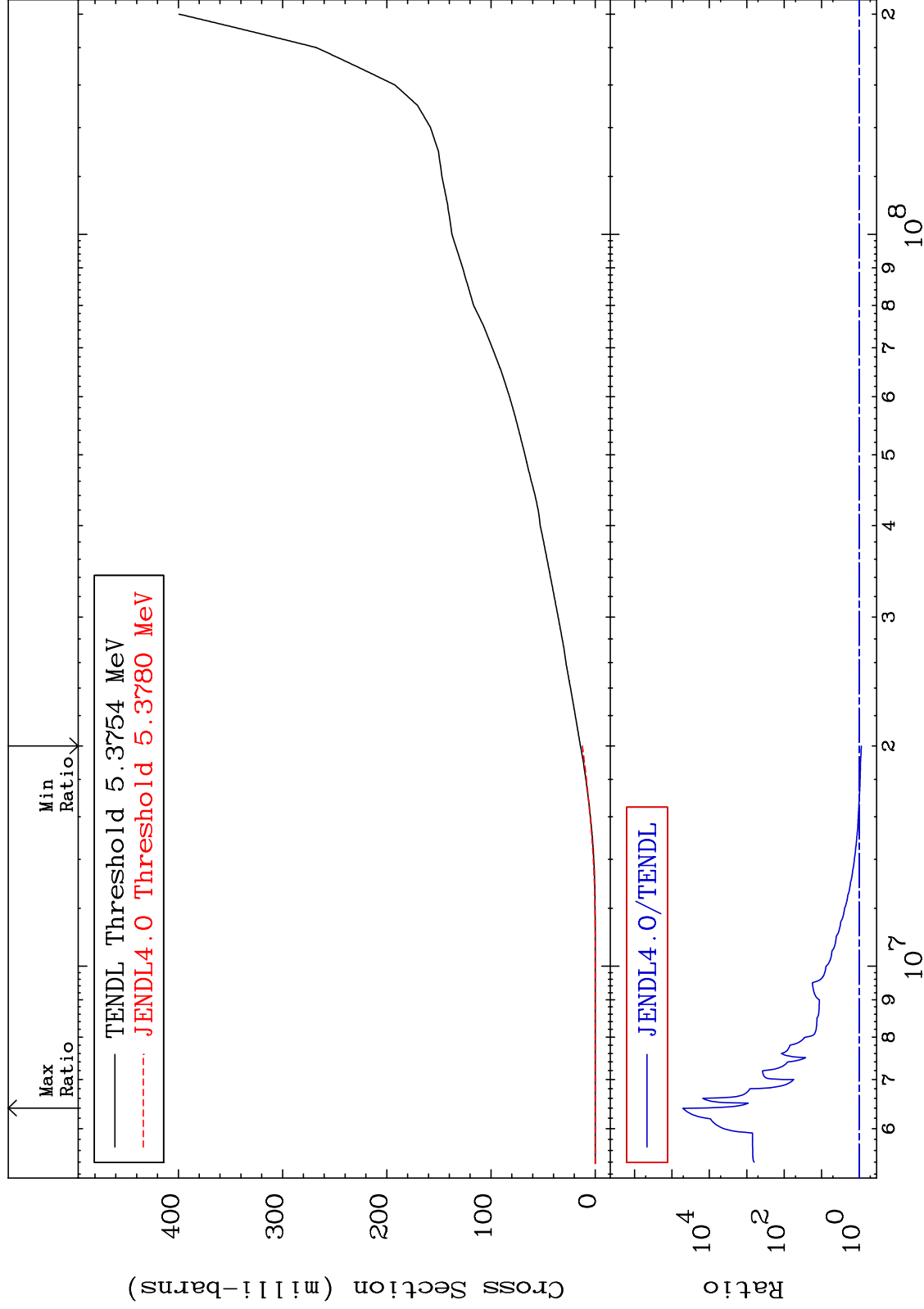
50-Sn-112
-78.27 To 98.34 %



MAT 5025

Deuterium Production
Cross Section

50-Sn-112
-13.31 To 9999. %

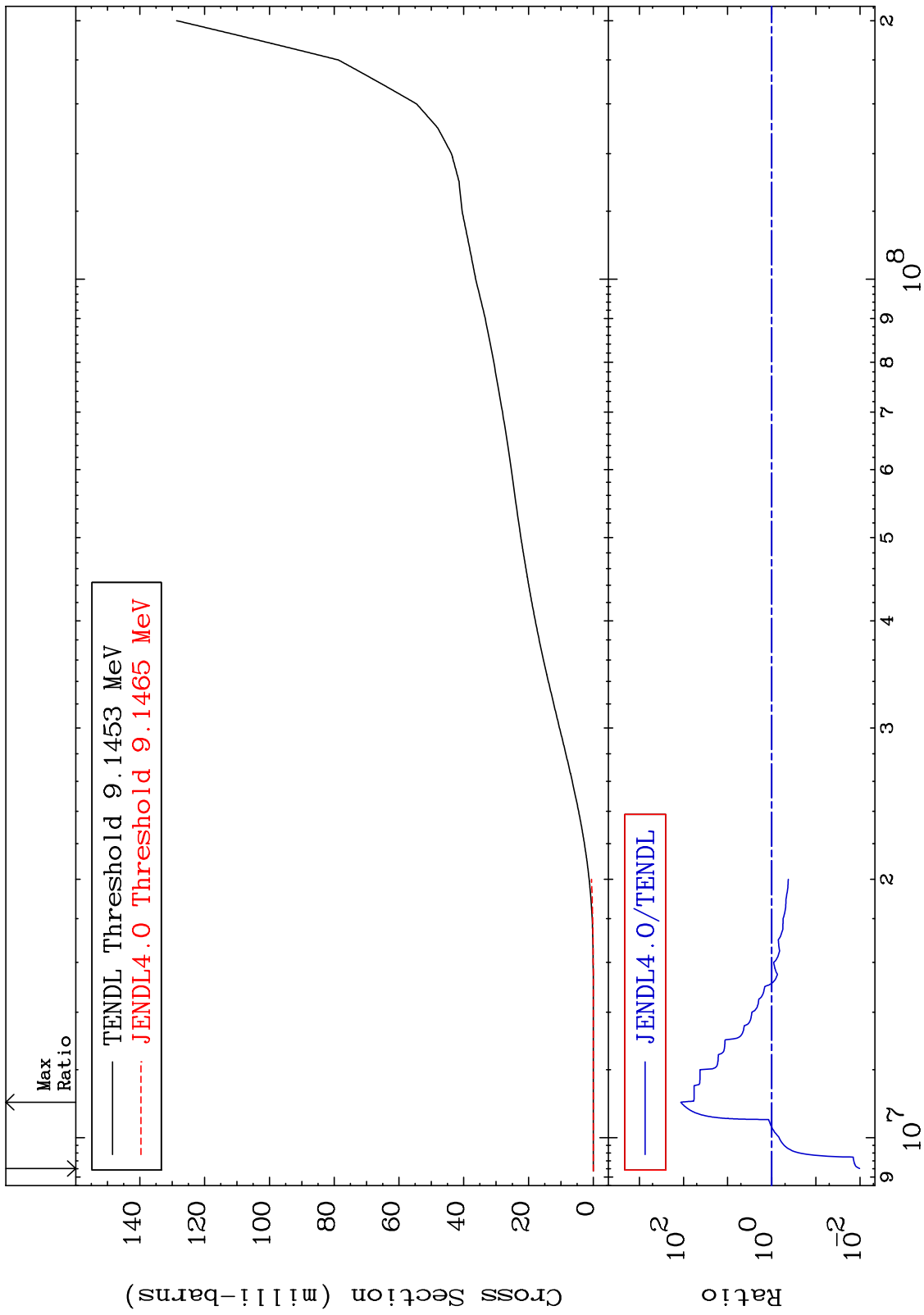


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Incident Energy (eV)

50-Sn-112

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

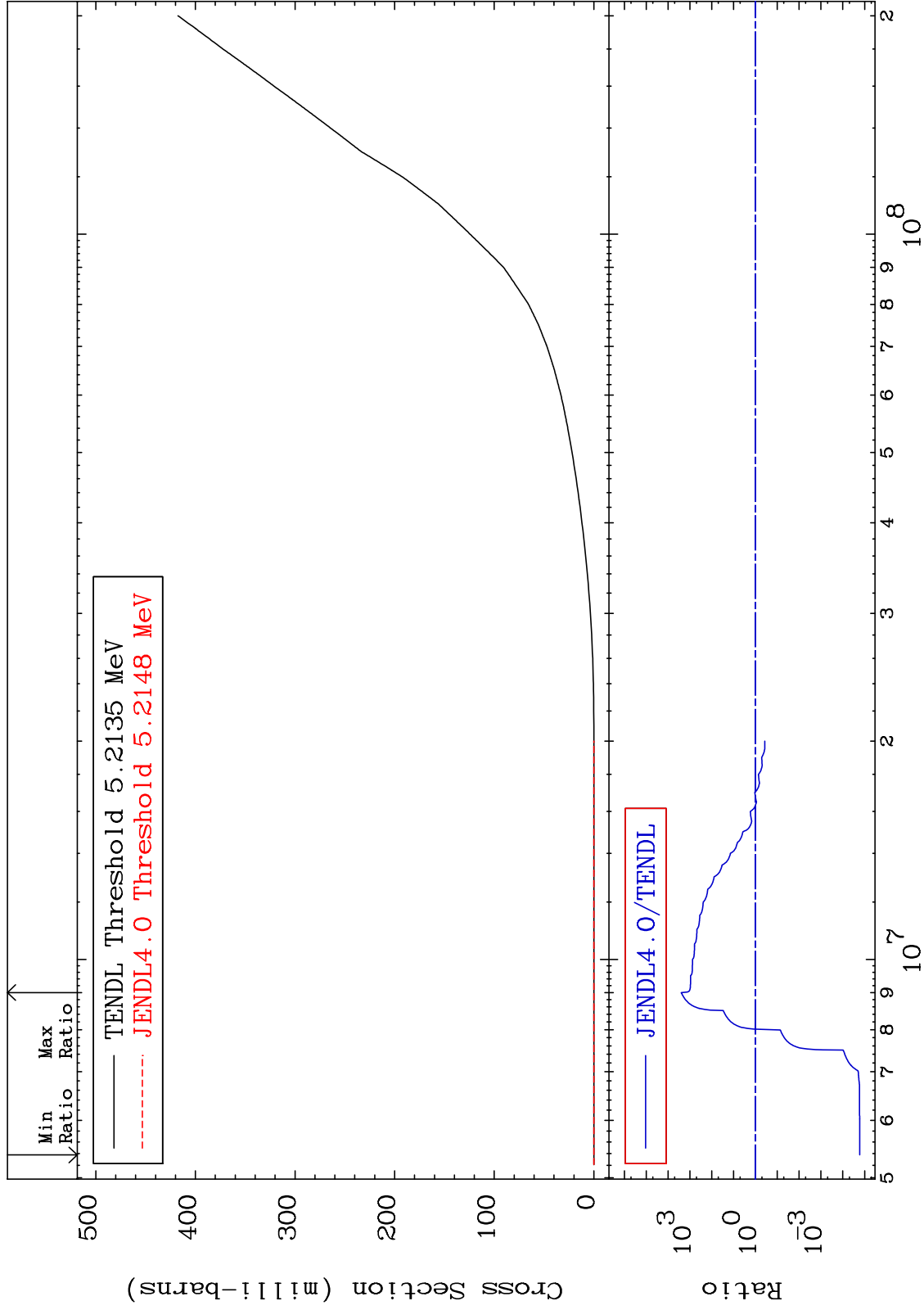


49 50-Sn-112 Incident Energy (eV)

MAT 5025

He-3 Production
Cross Section

50-Sn-112
-100.0 To 9999. %



50

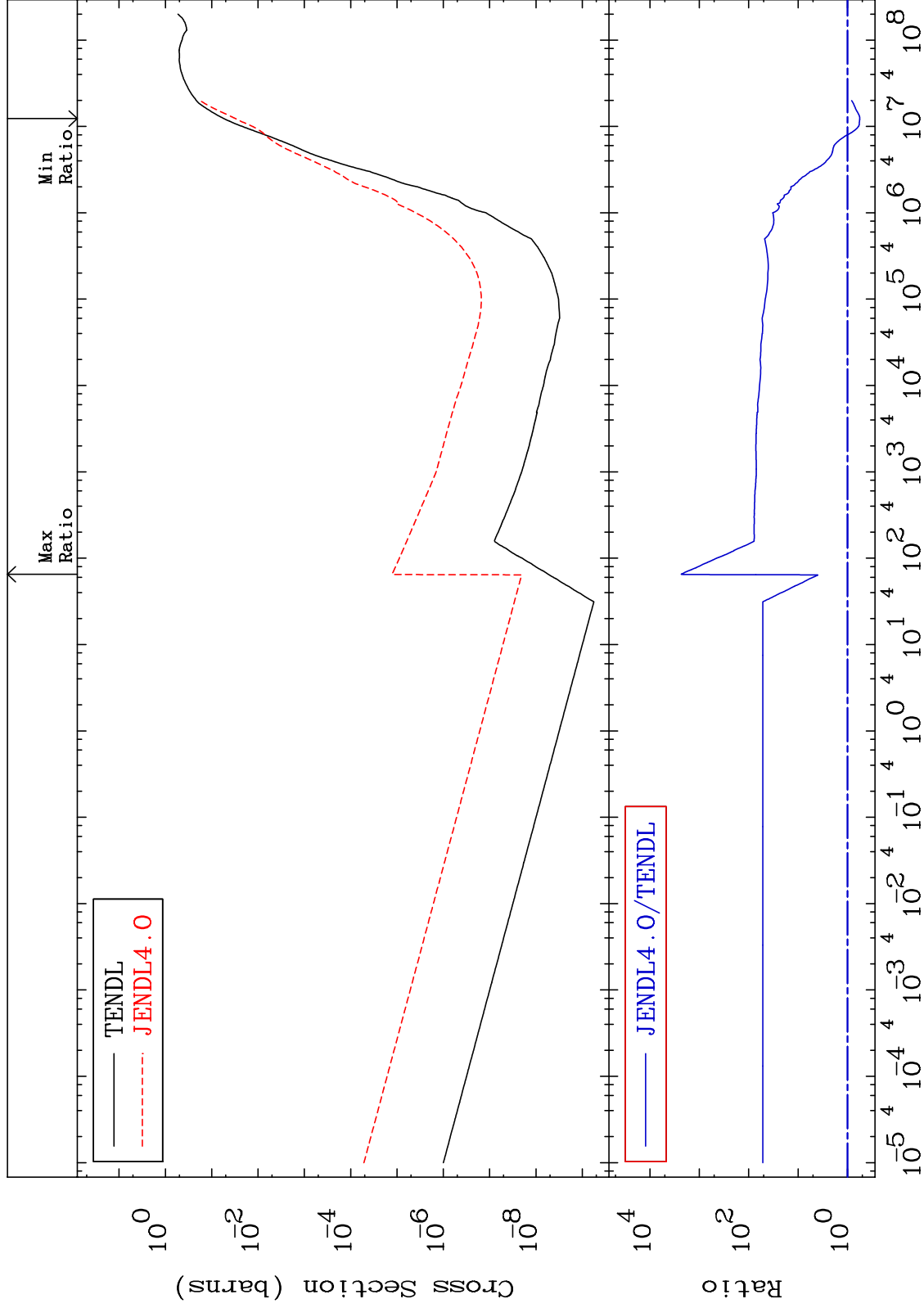
Incident Energy (eV)

50-Sn-112

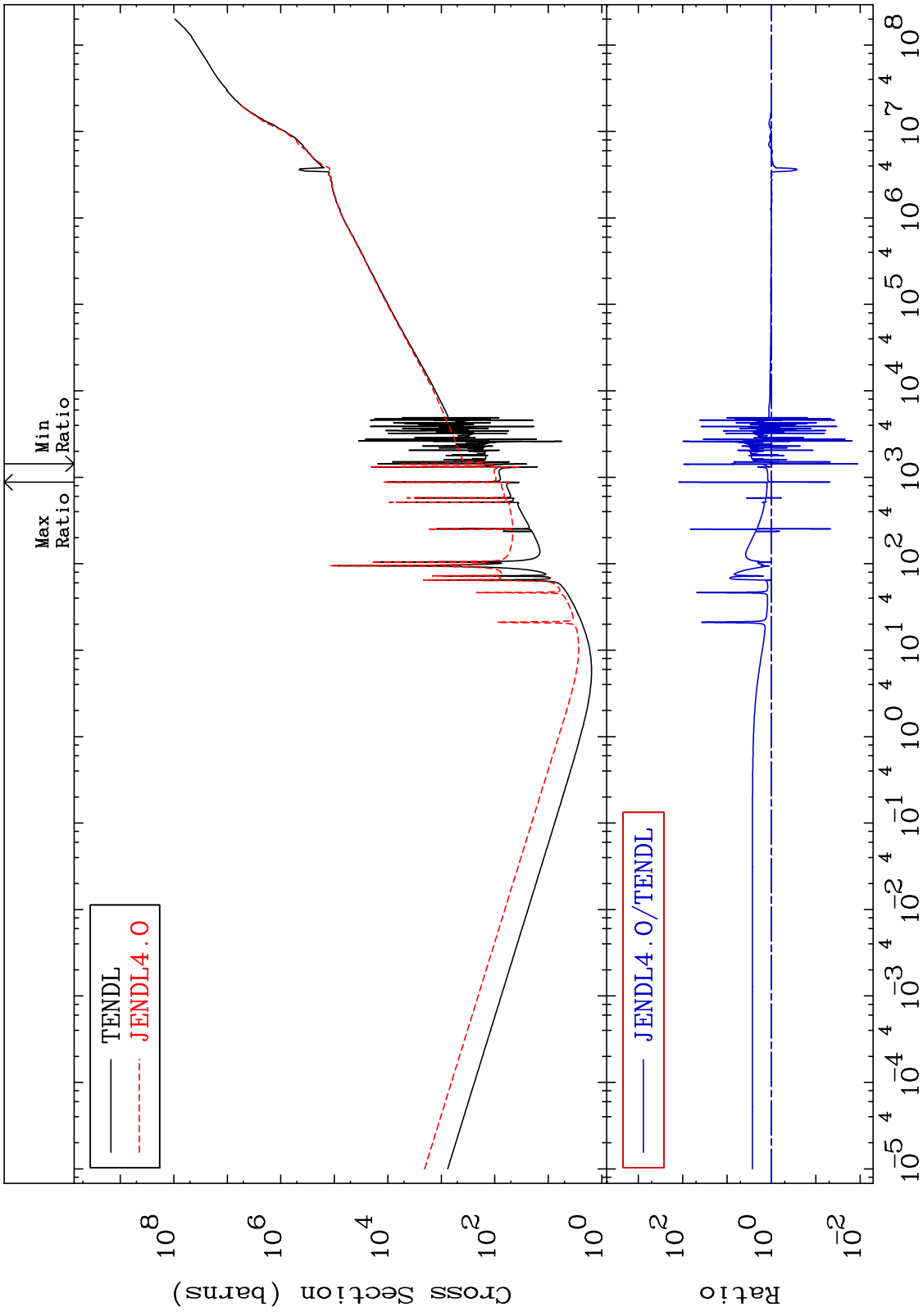
MAT 5025

He-4 Production
Cross Section

50-Sn-112
-43.73 To 9999. %



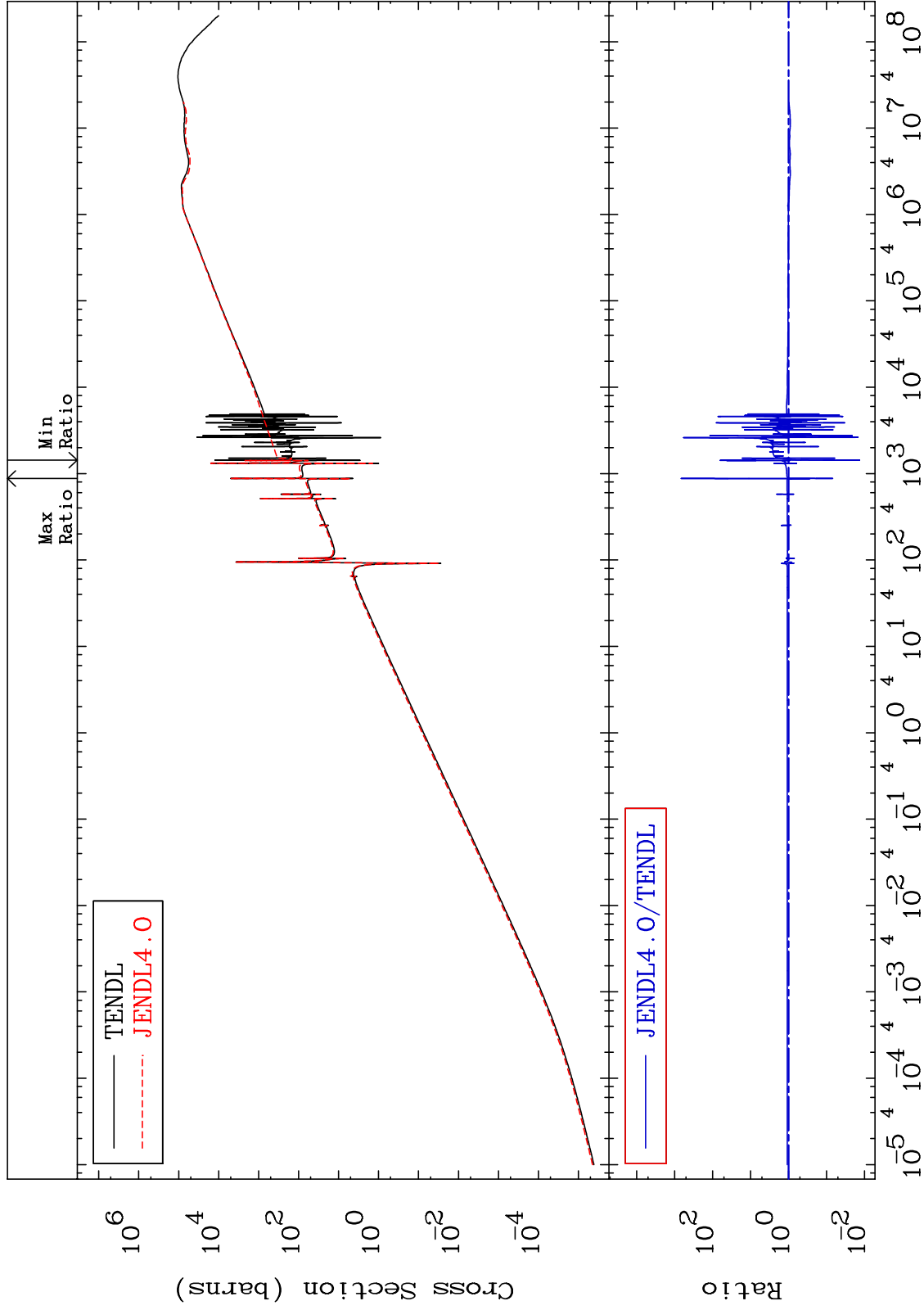
MAT 5025 Kerma total (eV-barns) 50-Sn-112
 Cross Section -98.87 To 9999. %



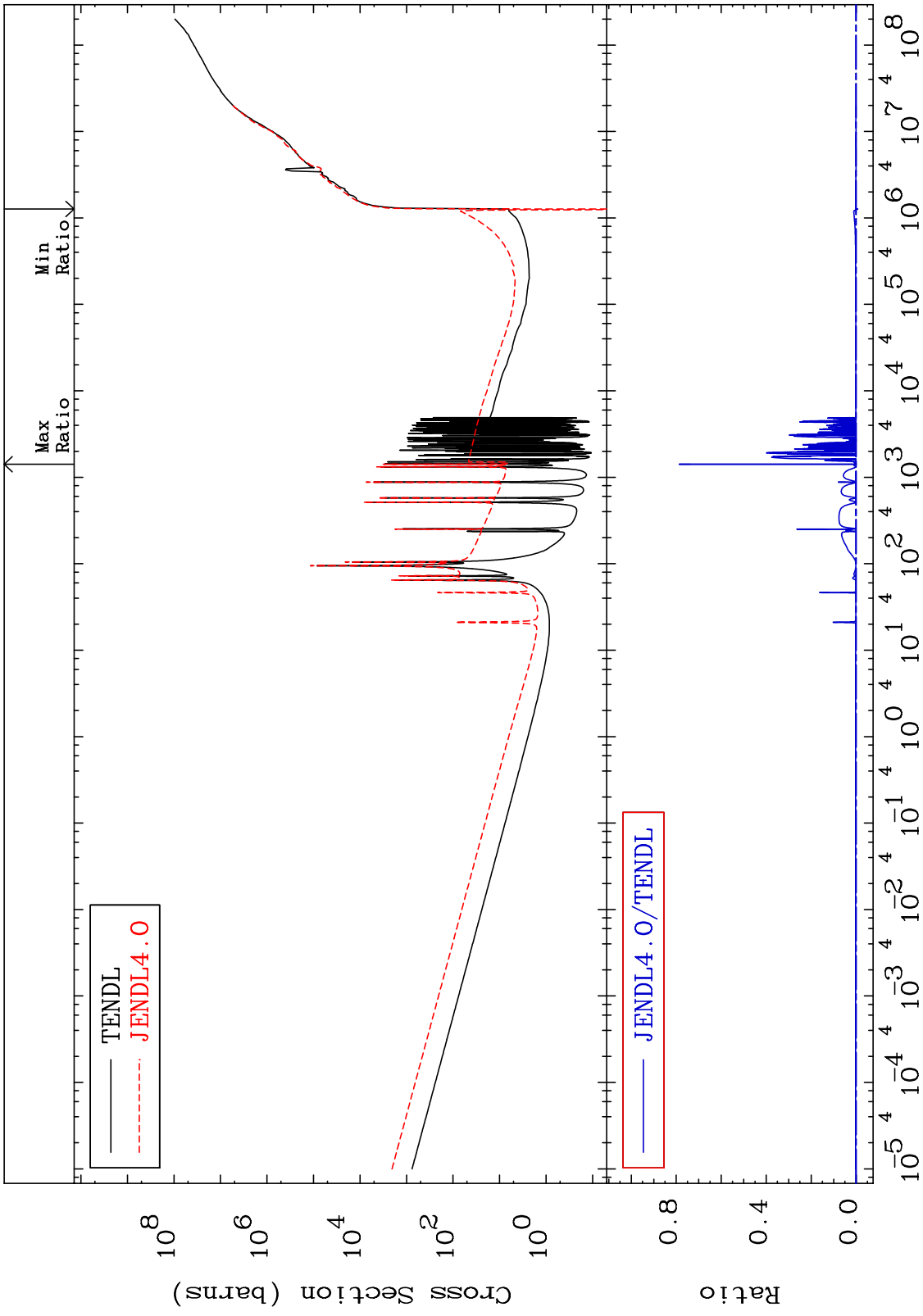
MAT 5025

Kerma elastic
Cross Section

50-Sn-112
-98.67 To 9999. %



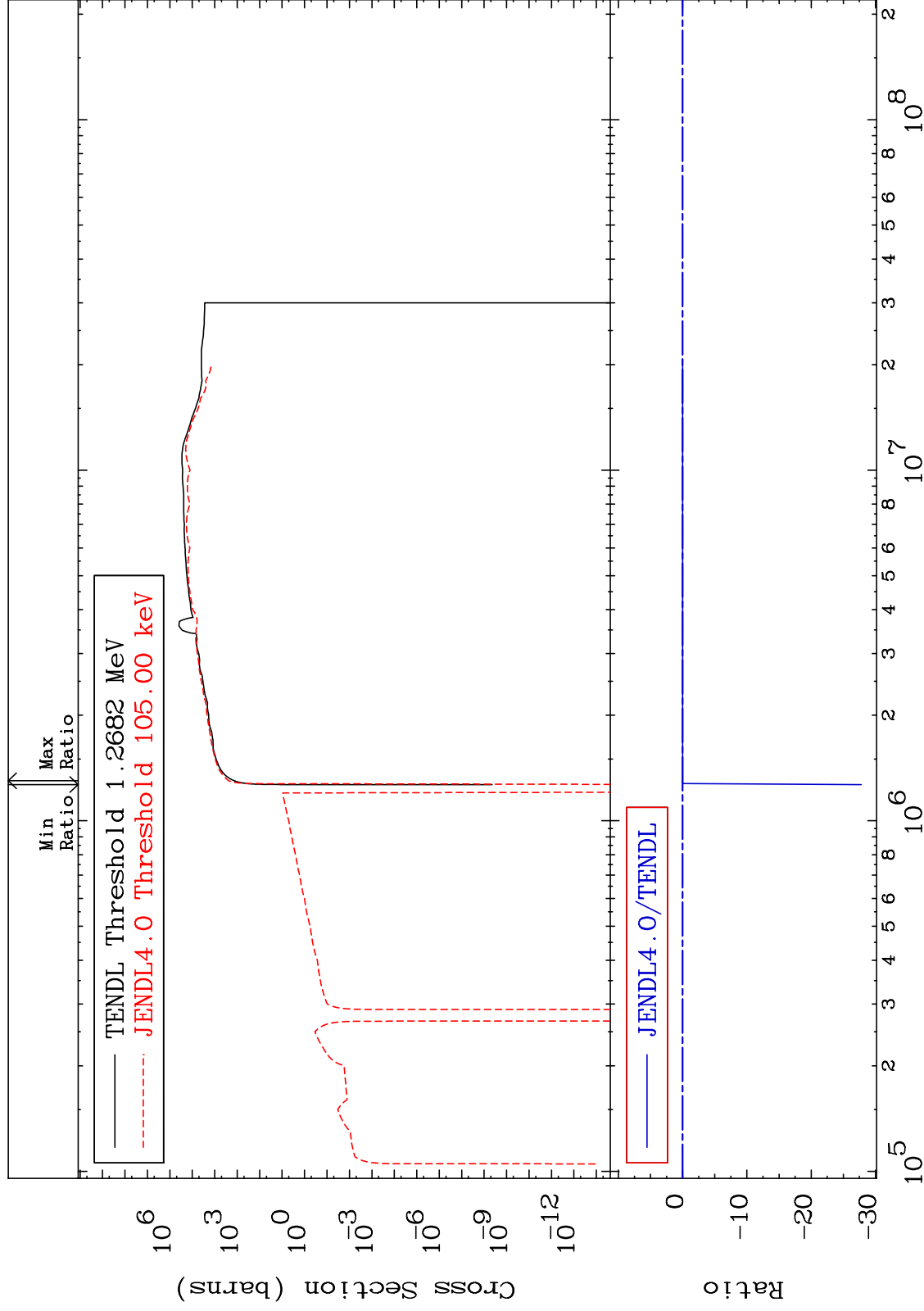
MAT 5025 Kerma non-elastic (all but mt2) 50-Sn-112
 Cross Section -839.1 To 9999. %



MAT 5025

Kerma inelastic (mt51-91)
Cross Section

50-Sn-112
-9999. To 73.72 %



55

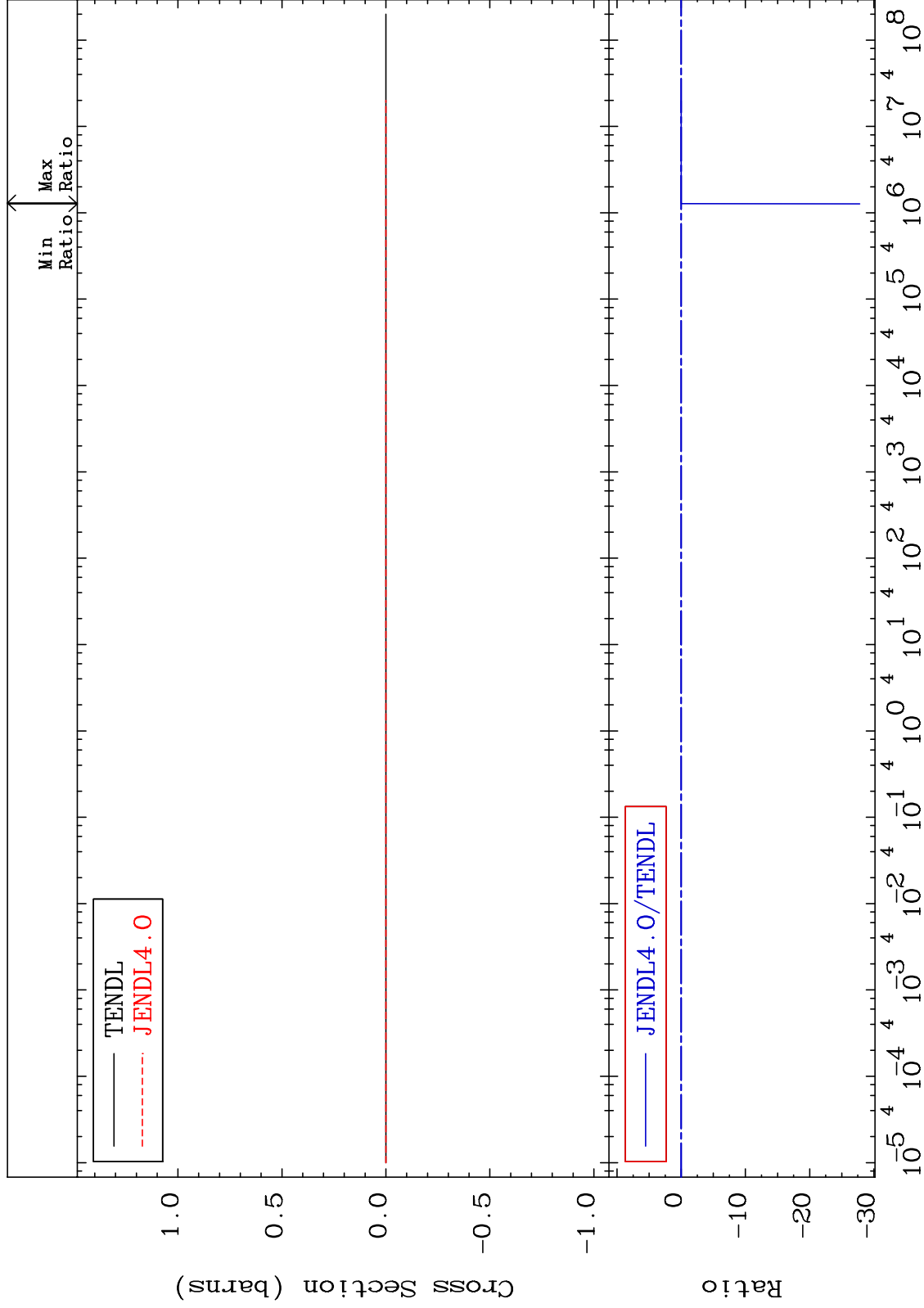
Incident Energy (eV)

50-Sn-112

MAT 5025

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

50-Sn-112
-9999. To 73.72 %

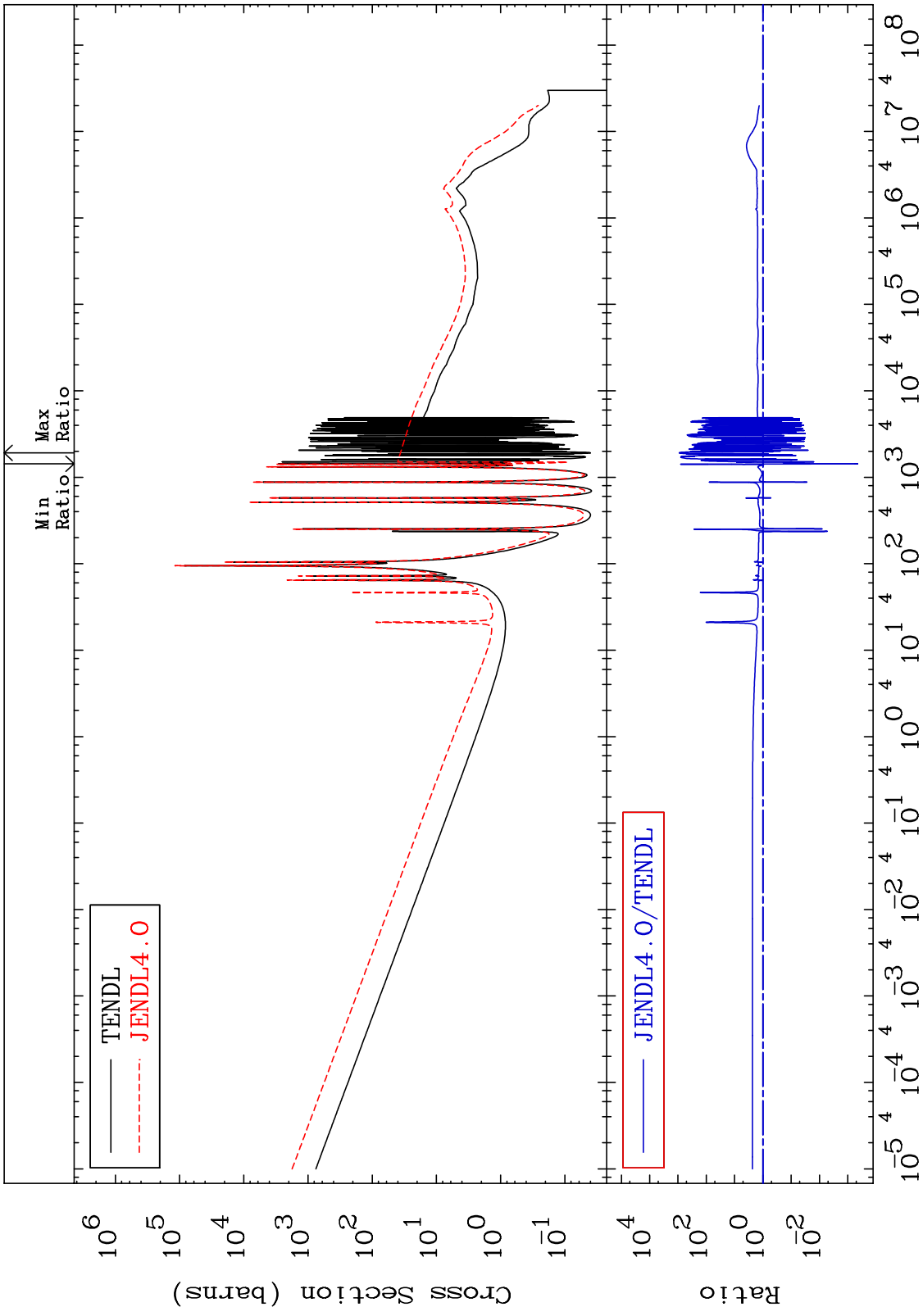


56

Incident Energy (eV)

50-Sn-112

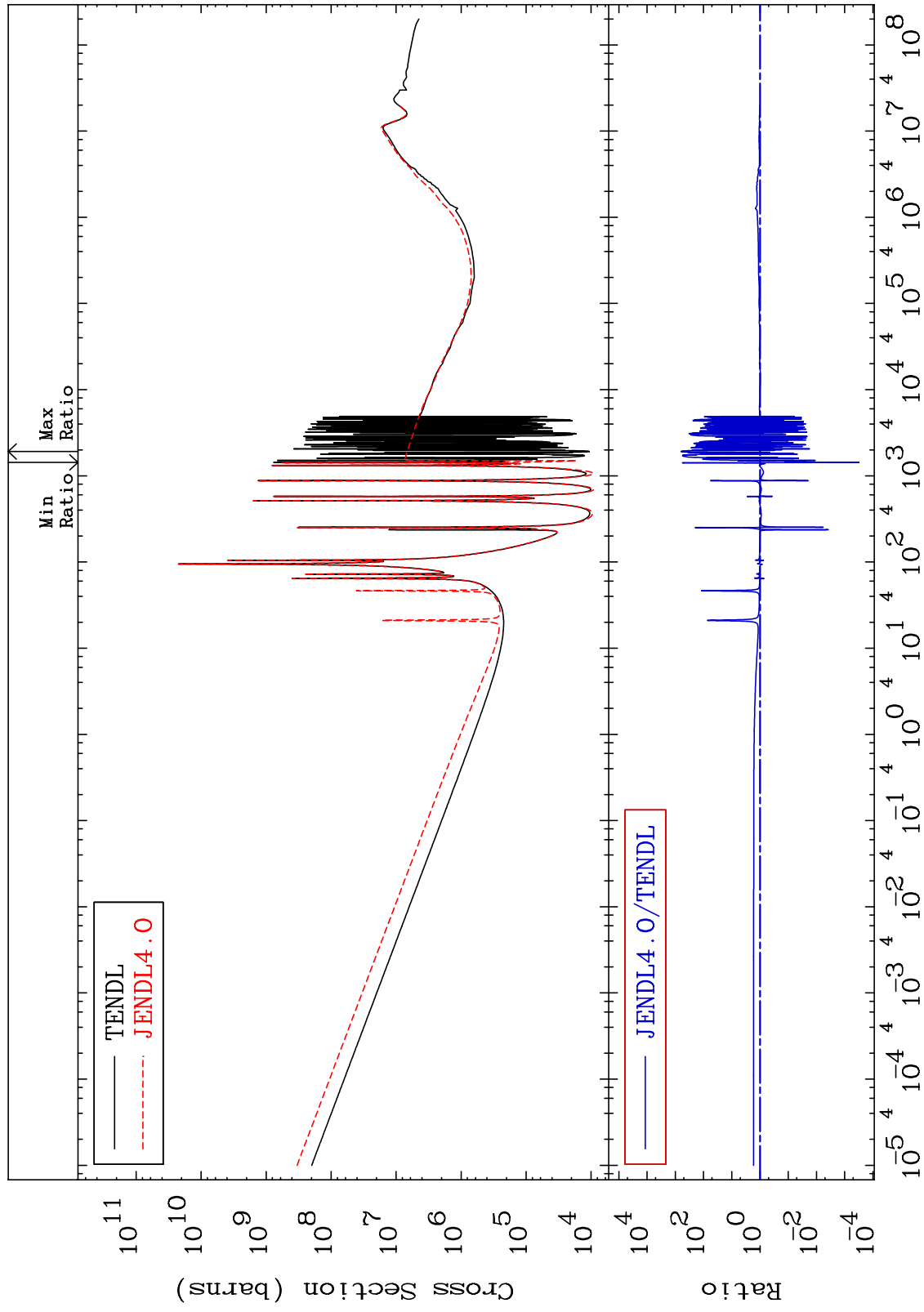
MAT 5025 Kerma capture (mt102) 50-Sn-112
 Cross Section -99.96 To 9999. %



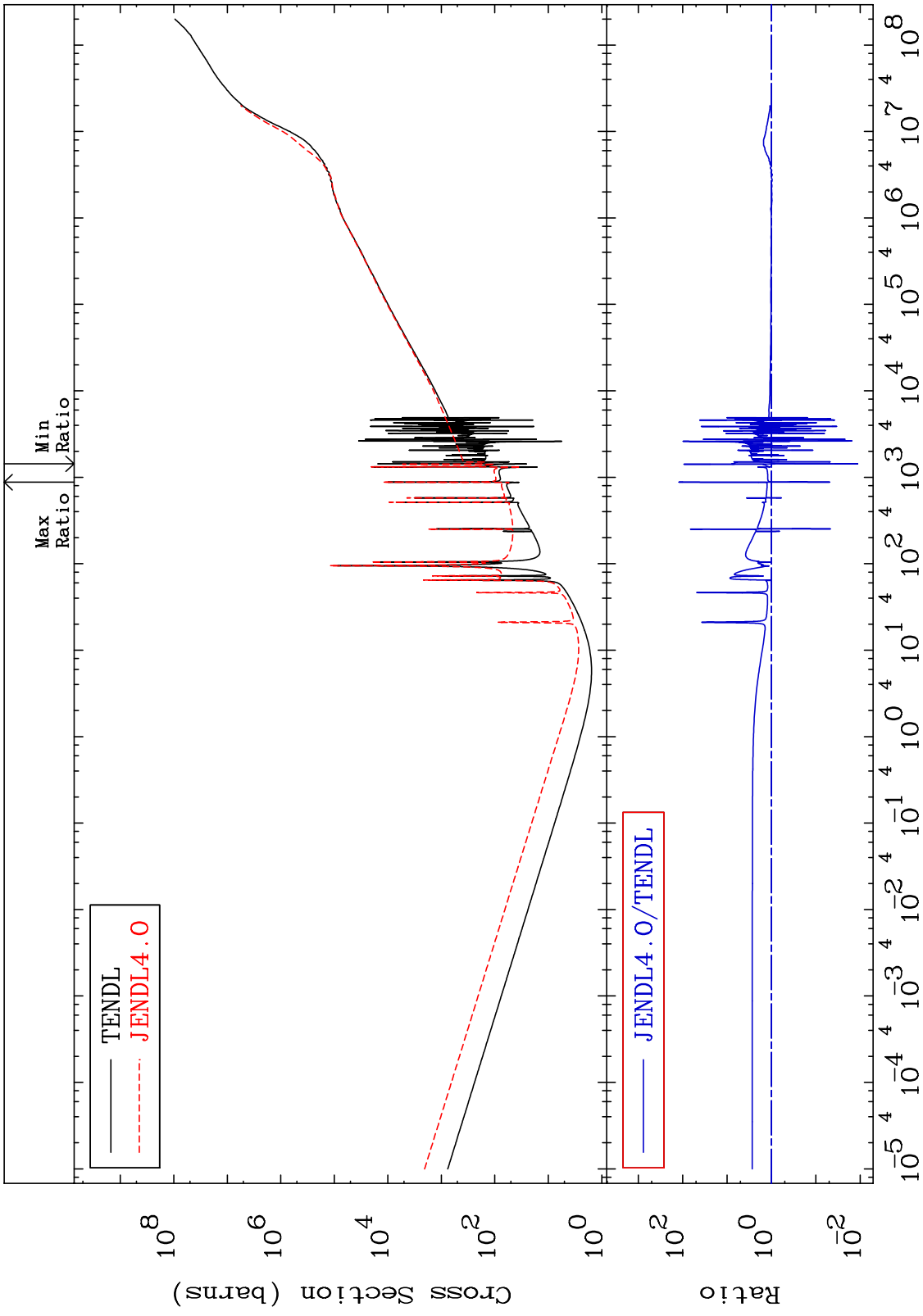
MAT 5025

Total photon (eV-barns)
Cross Section

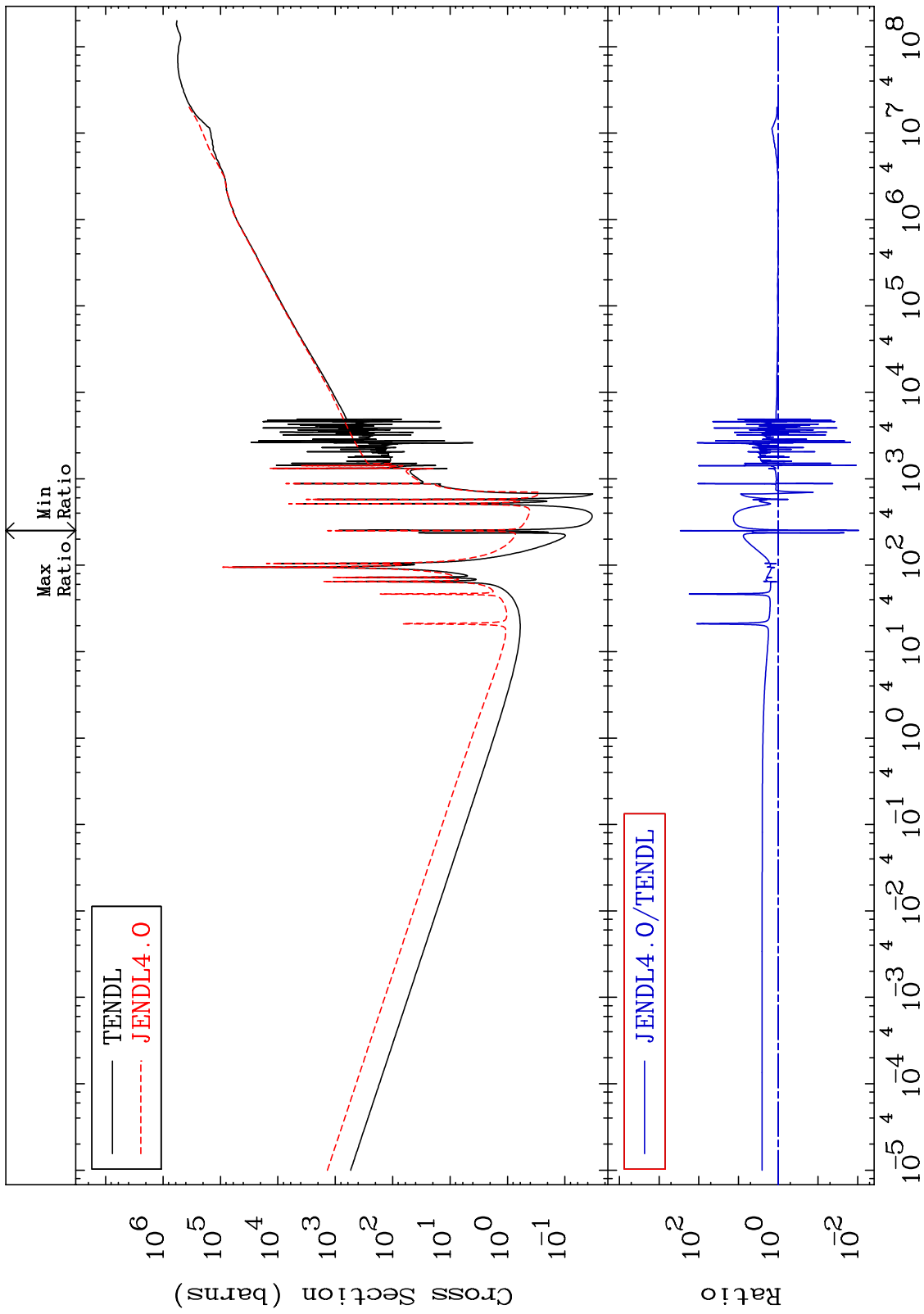
50-Sn-112
-99.97 To 9999. %



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. %

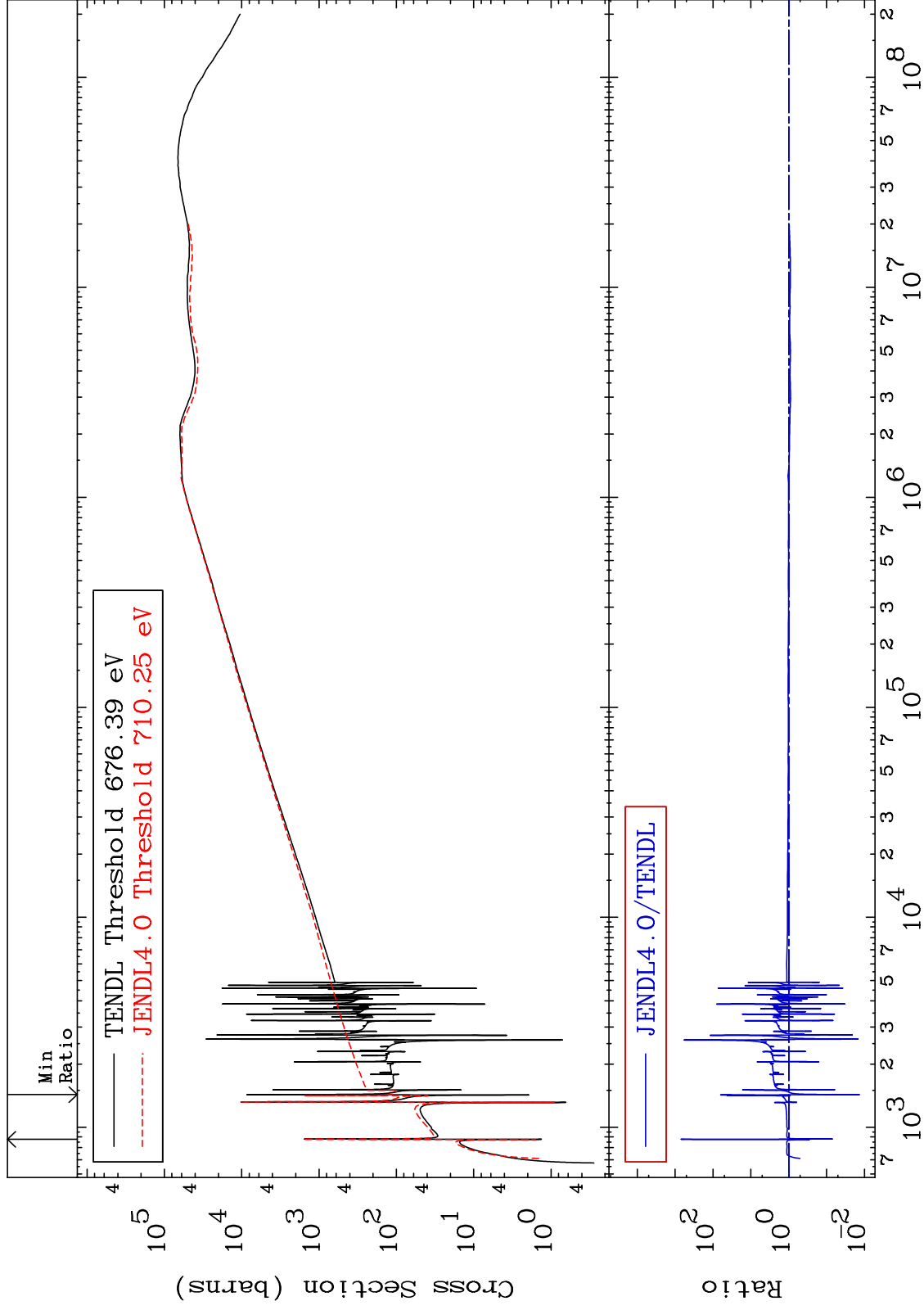


60 Incident Energy (eV) 50-Sn-112

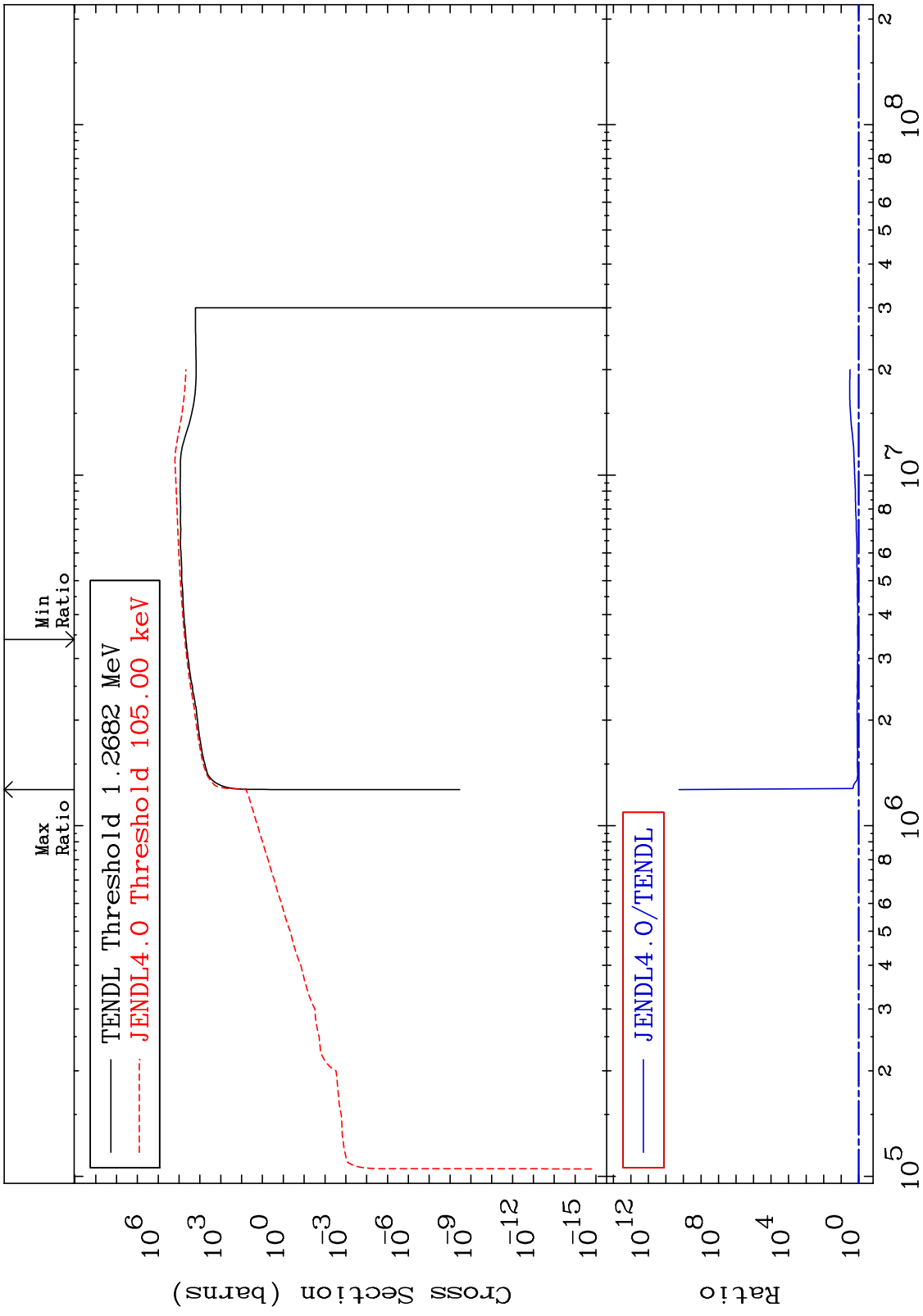
MAT 5025

Dpa elastic (mt2)
Cross Section

50-Sn-112
-98.67 To 9999. %



MAT 5025 Dpa inelastic (mt51-91) 50-Sn-112
 Cross Section 11.51 To 9999. %



62 Incident Energy (eV) 50-Sn-112

MAT 5025 Dpa disappearance (mt102 -120) 50-Sn-112
 Cross Section -99.94 To 9999. %

