

Program Complot
(Version 2018-1)

by

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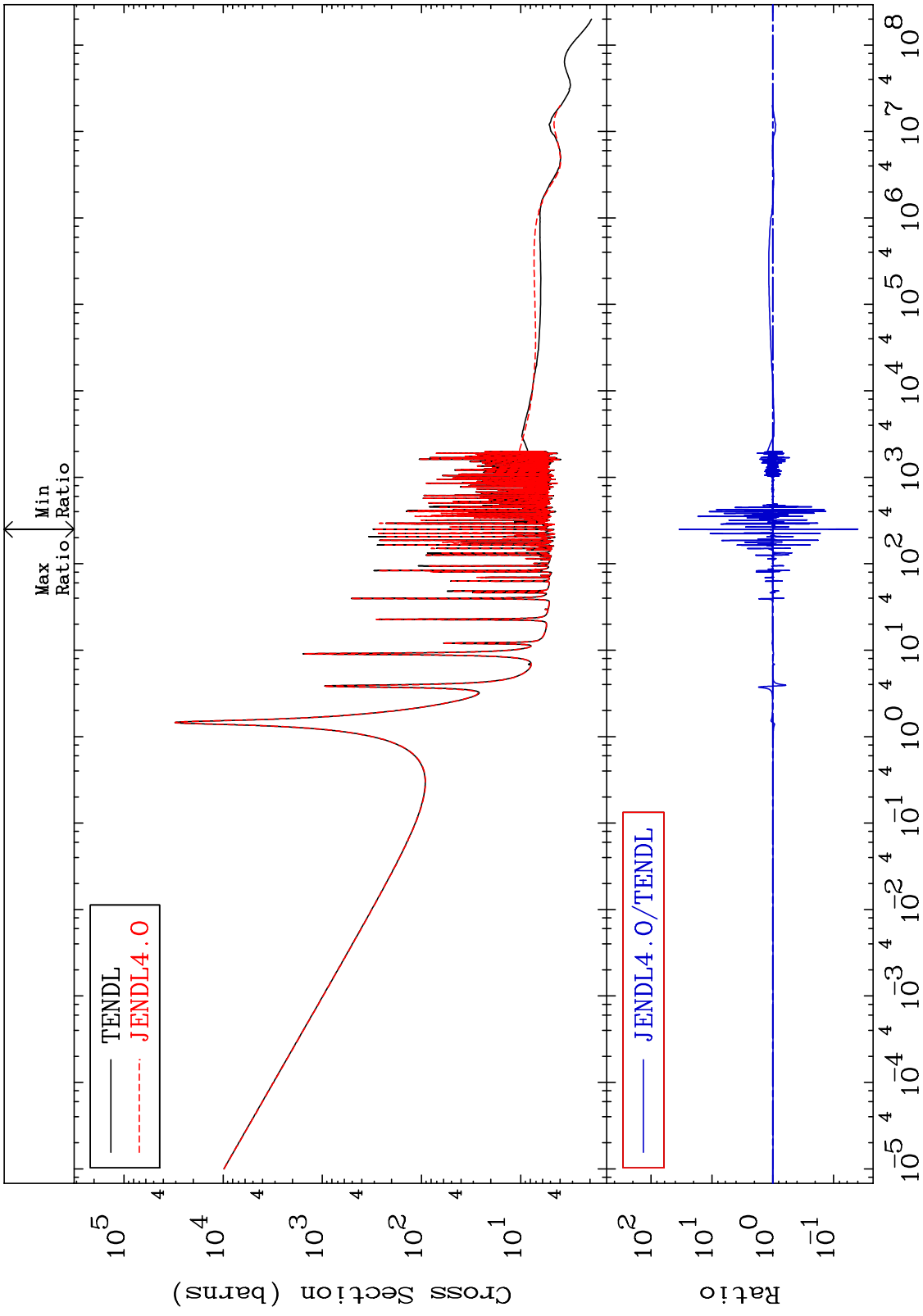
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4931
Total Cross Section
49-In-115
-96.01 To 3372. %

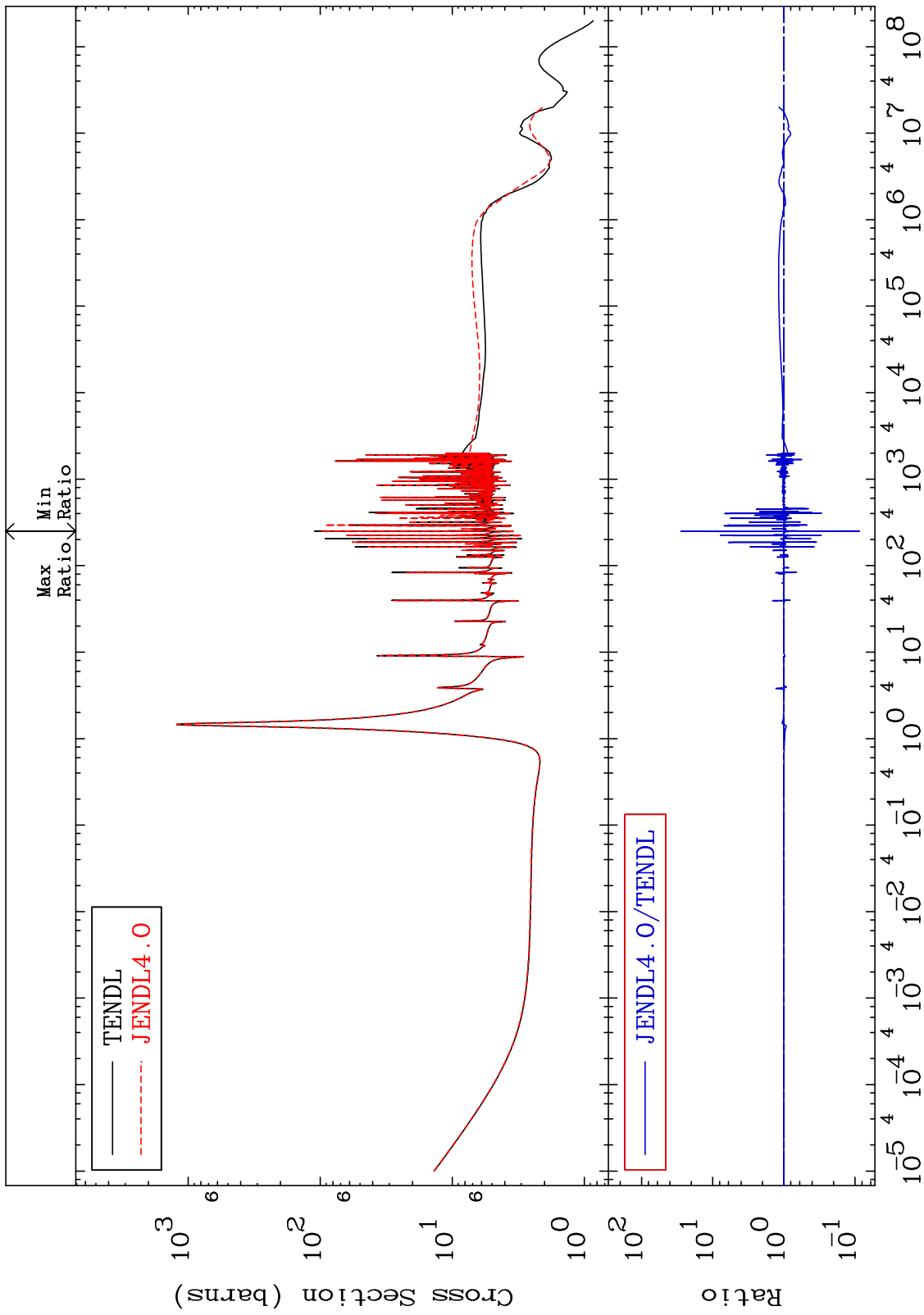


1
Incident Energy (eV) 49-In-115

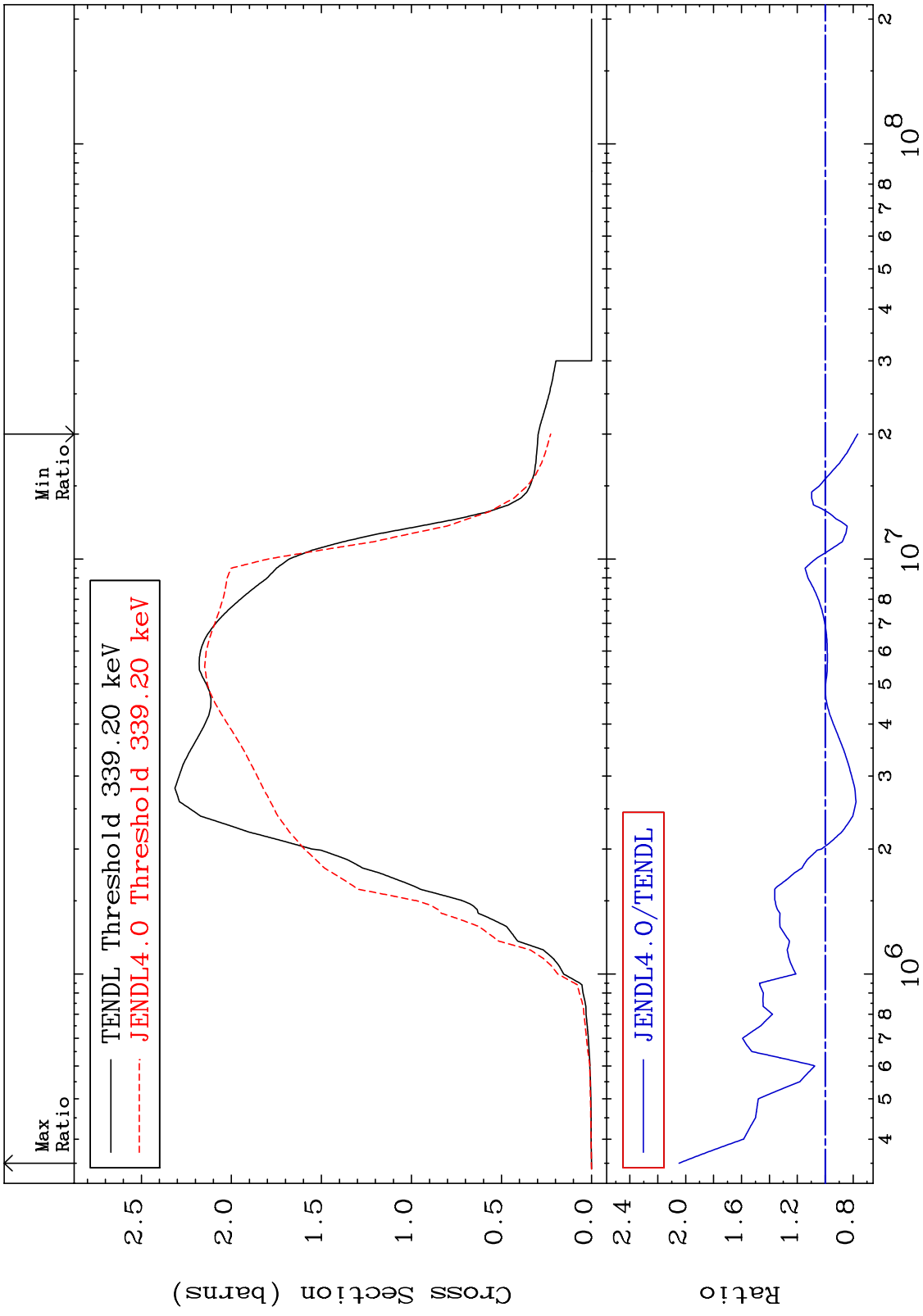
MAT 4931

Elastic
Cross Section

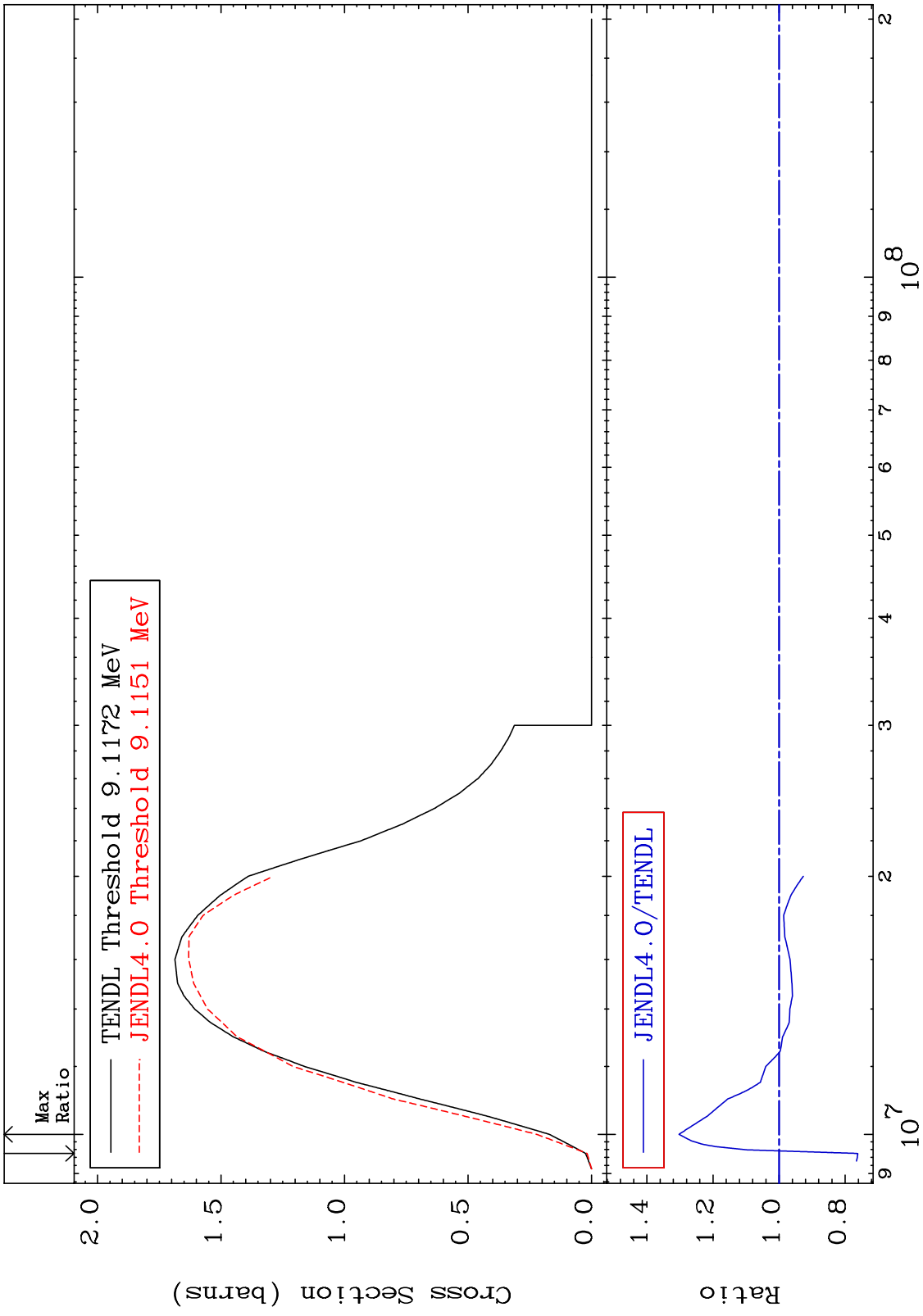
49-In-115
-91.38 To 2707. %



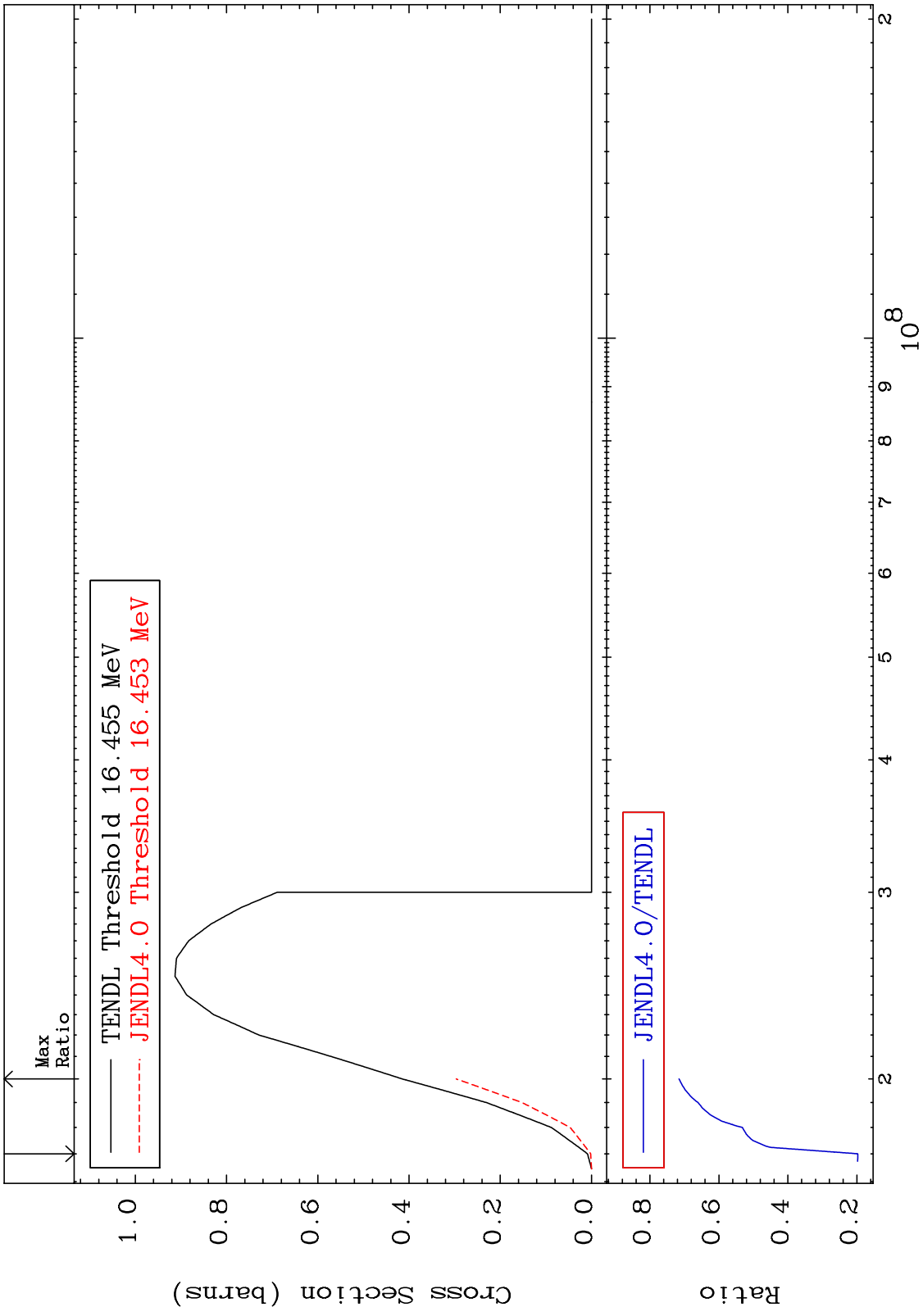
MAT 4931 Inelastic Cross Section 49-In-115 -23.38 To 104.8 %



MAT 4931 (n,2n) Cross Section 49-In-115 -23.82 To 30.27 %



4 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 2 49-In-115



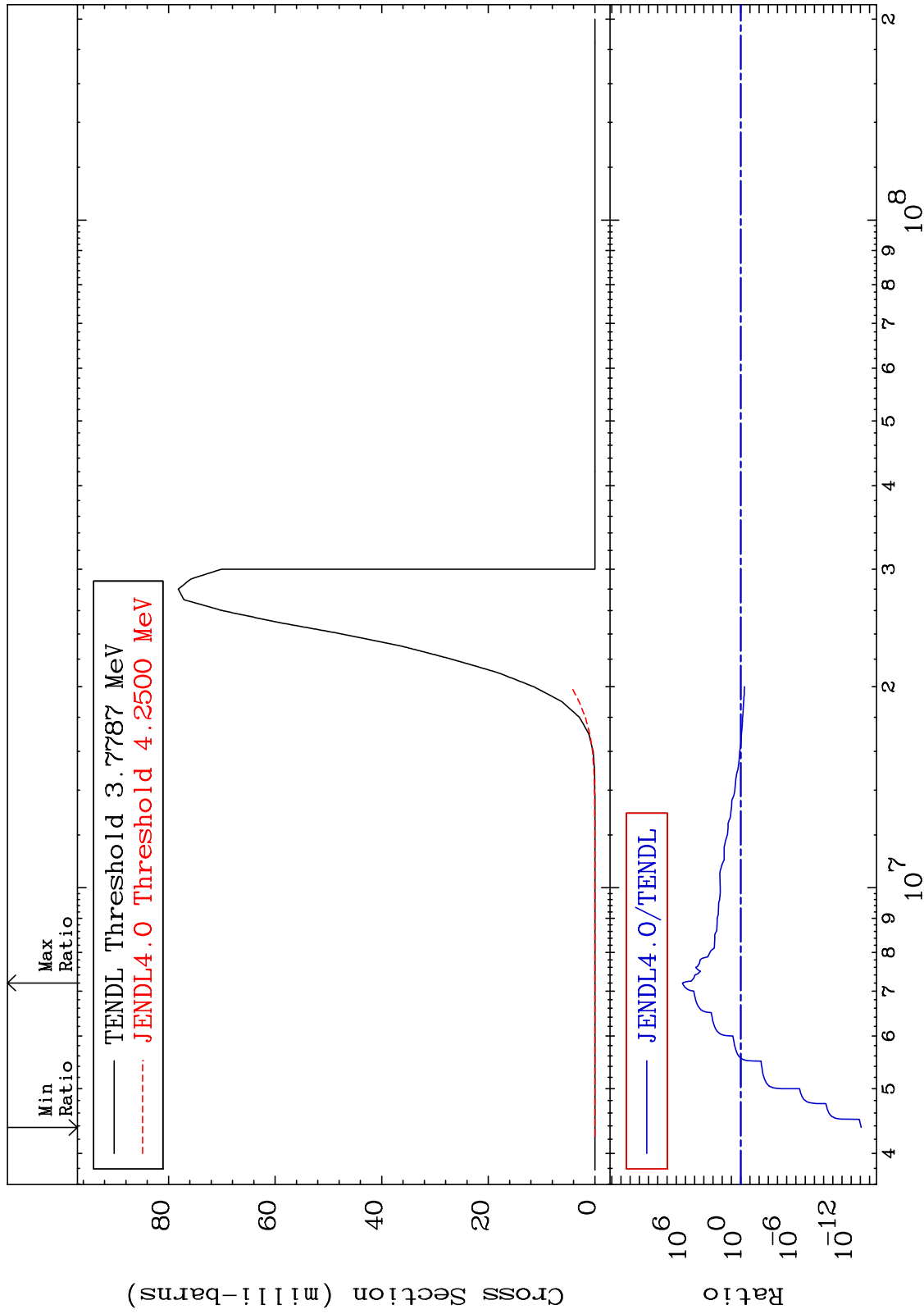
MAT 4931

(n,n') α

49-In-115

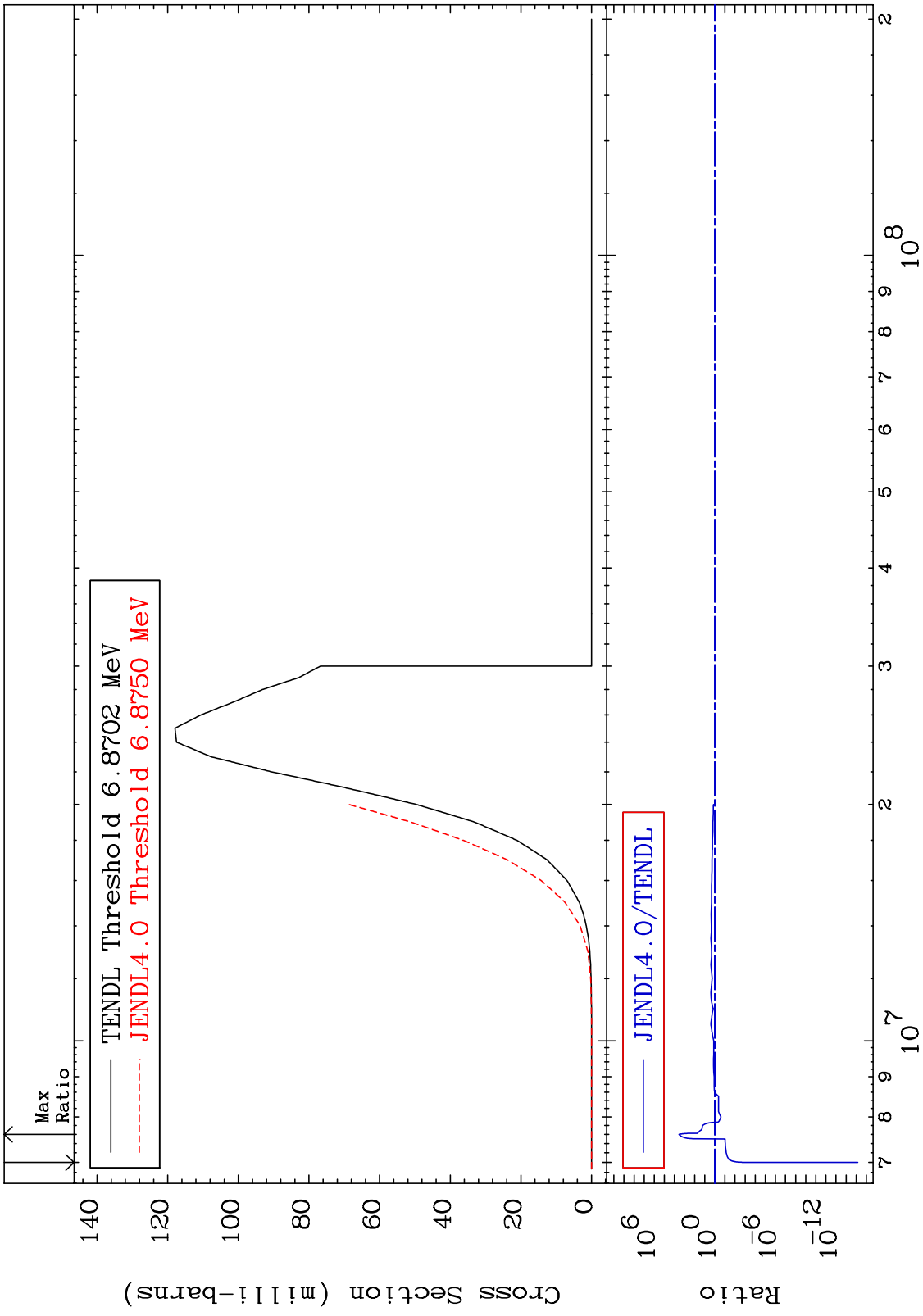
Cross Section

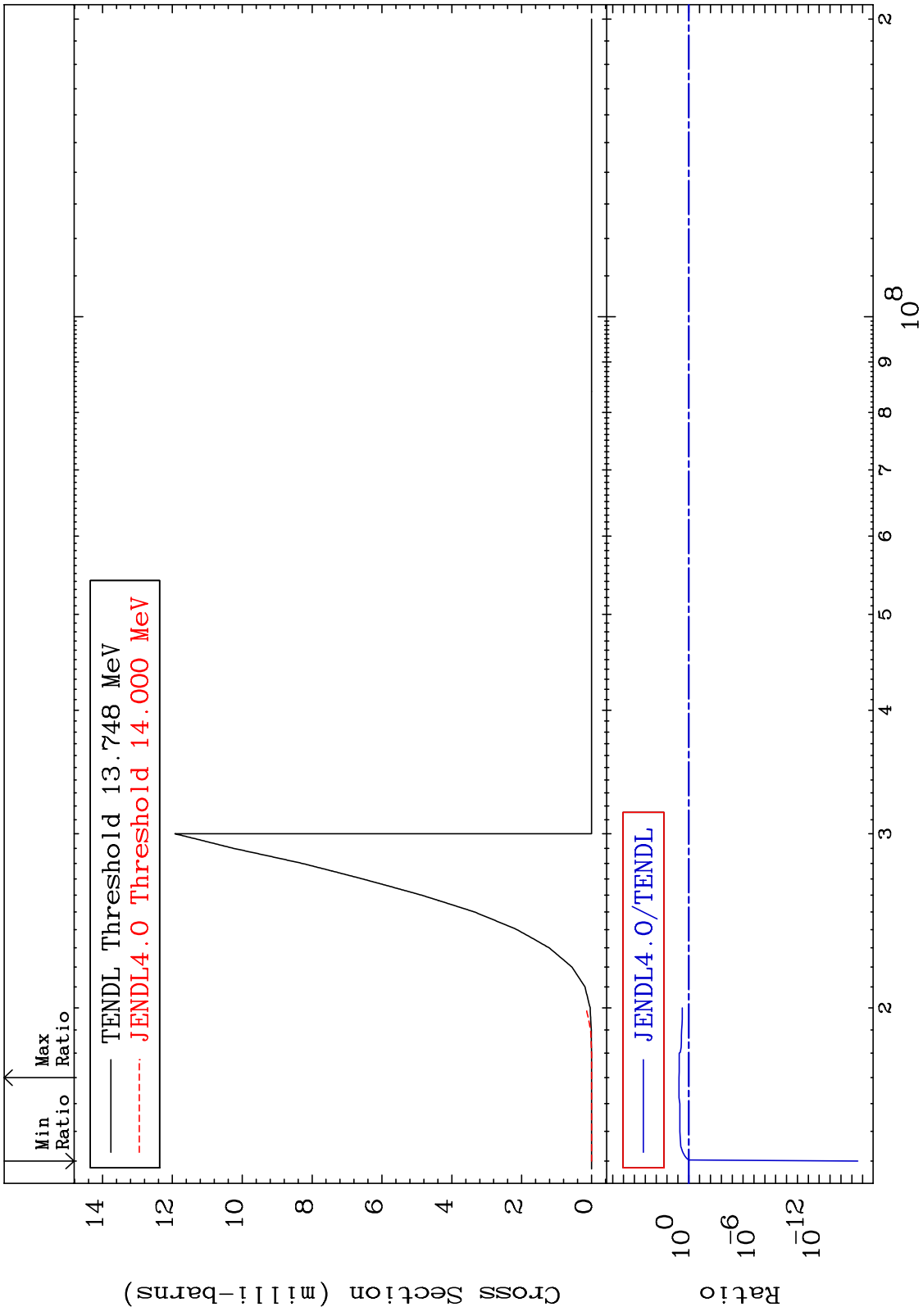
-100.0 To 9999. %



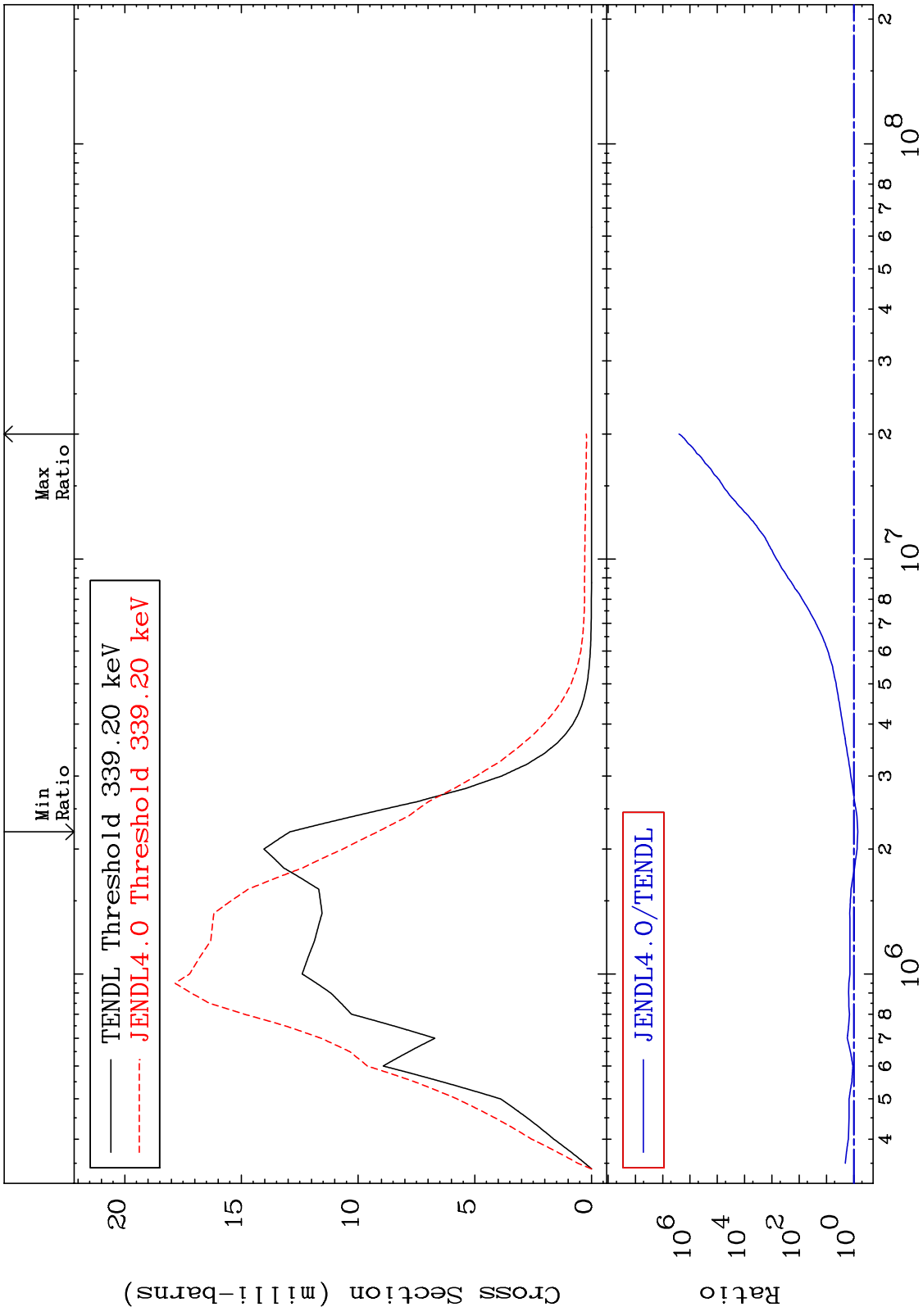
6

49-In-115





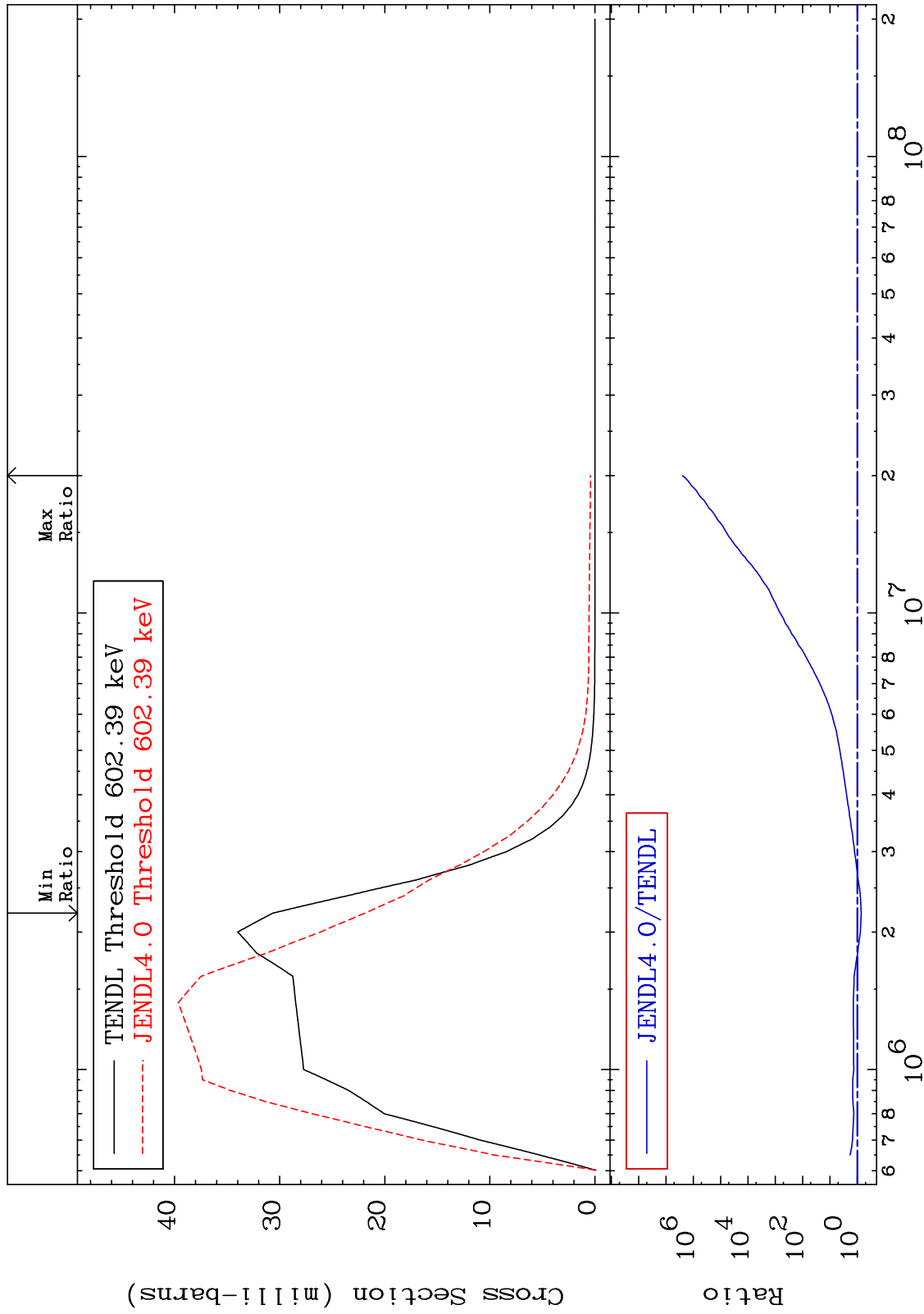
MAT 4931 MT= 51 (n,n') Level Cross Section 49-In-115 -29.08 To 9999. %



MAT 4931

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

49-In-115
-28.67 To 9999. %

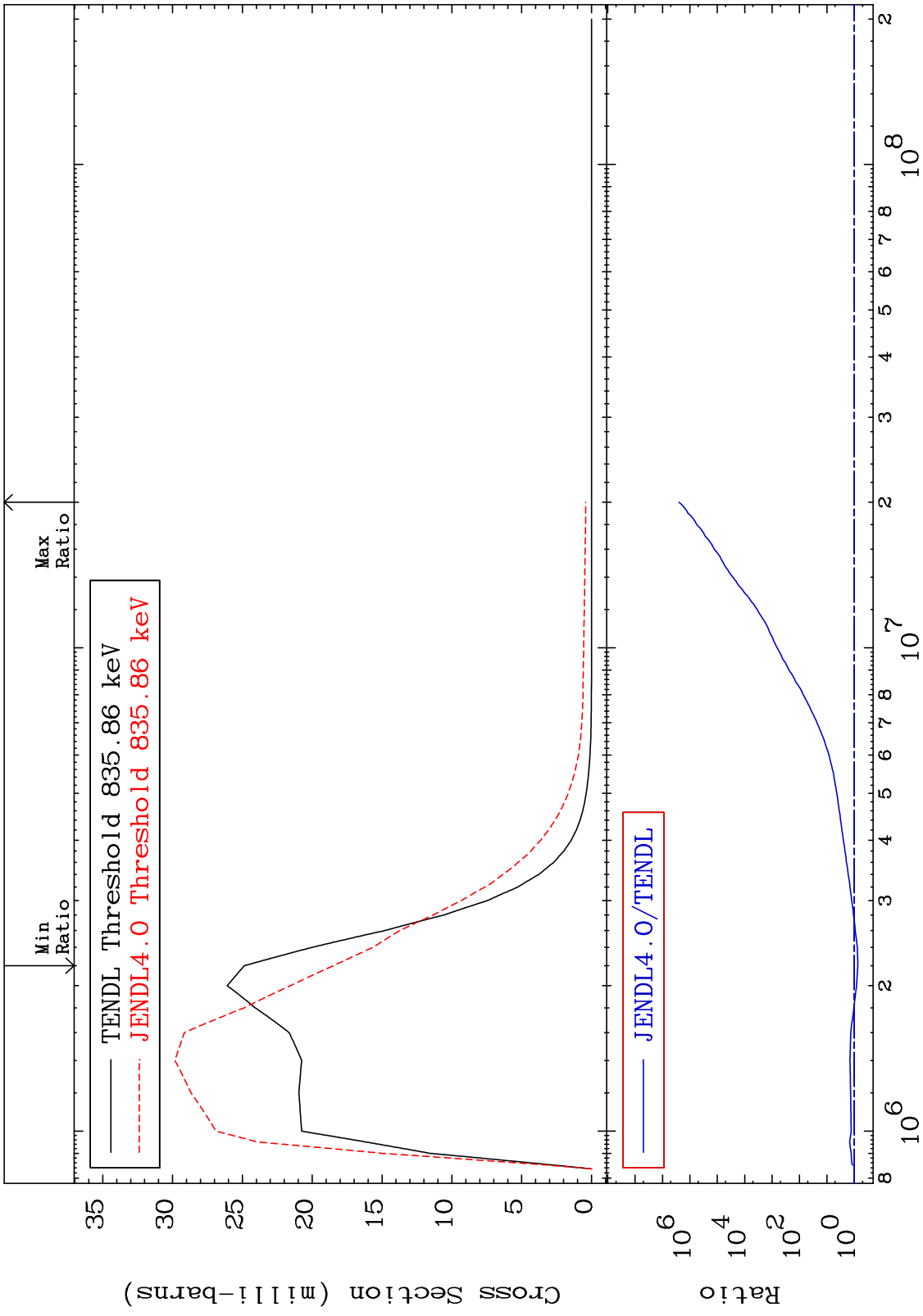


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Incident Energy (eV)

49-In-115

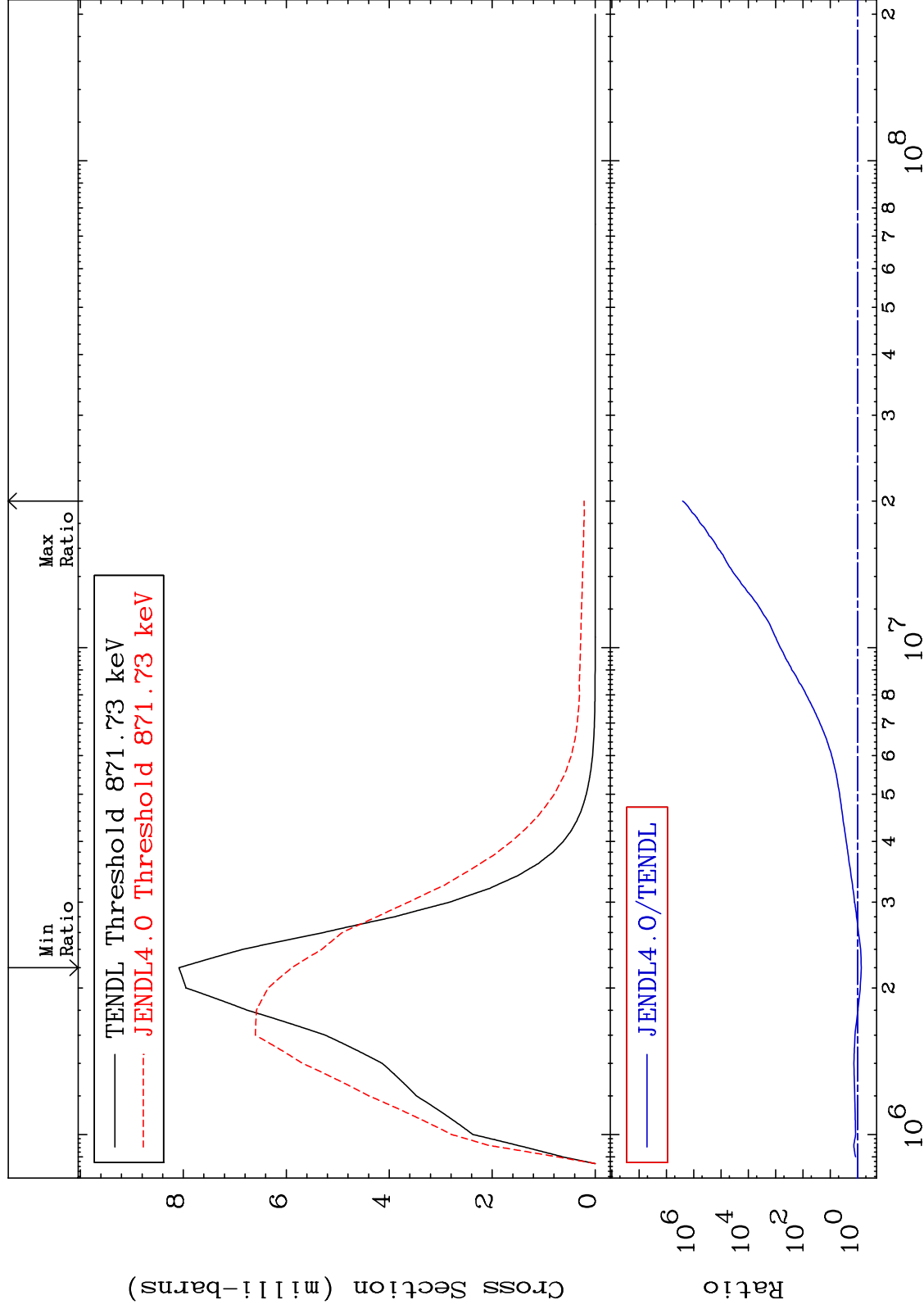
MAT 4931 MT= 53 (n,n') Level Cross Section 49-In-115
 -25.63 To 9999. %



MAT 4931

MT= 54 (n,n') Level
Cross Section

49-In-115
-27.10 To 9999. %

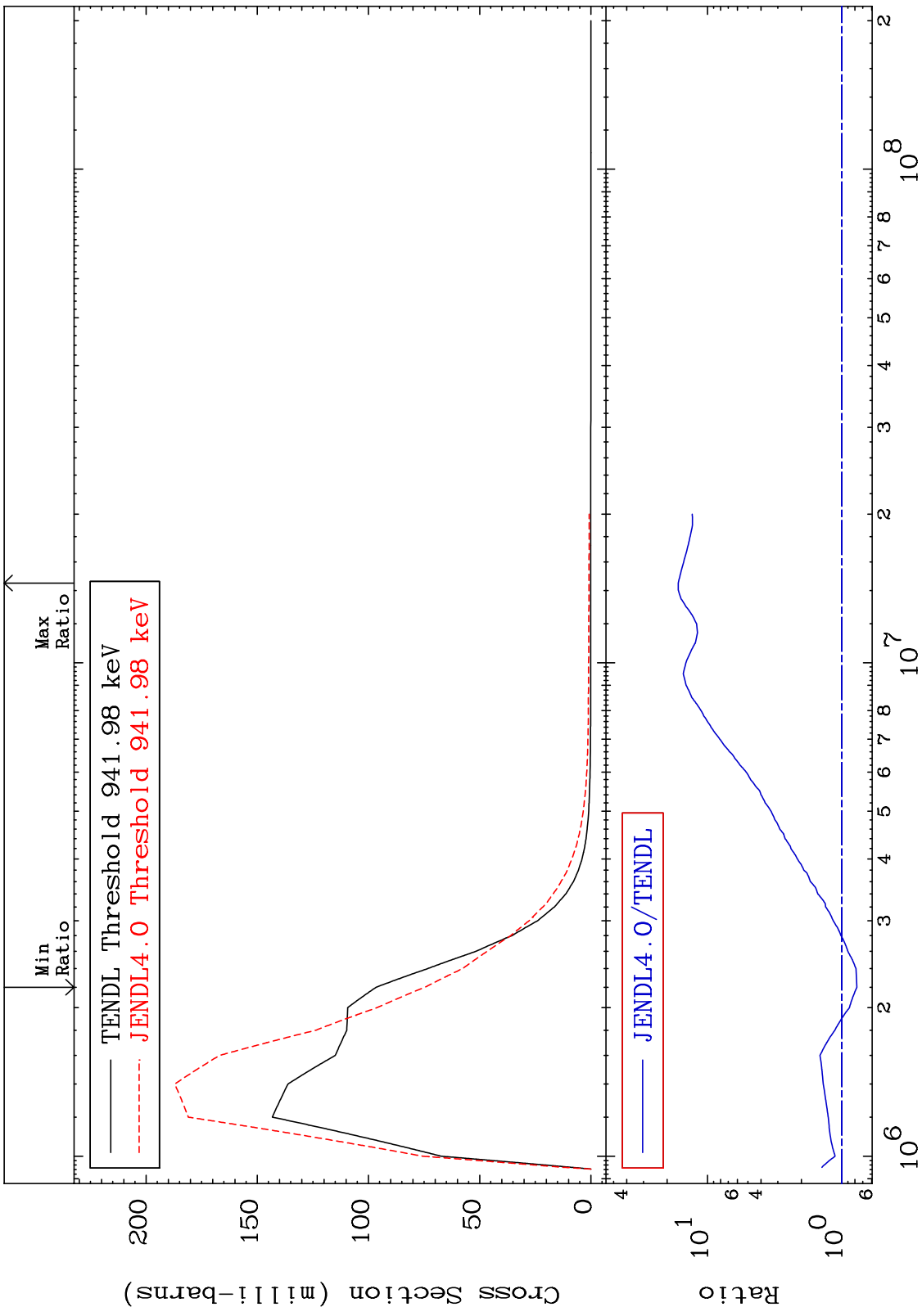


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Incident Energy (eV)

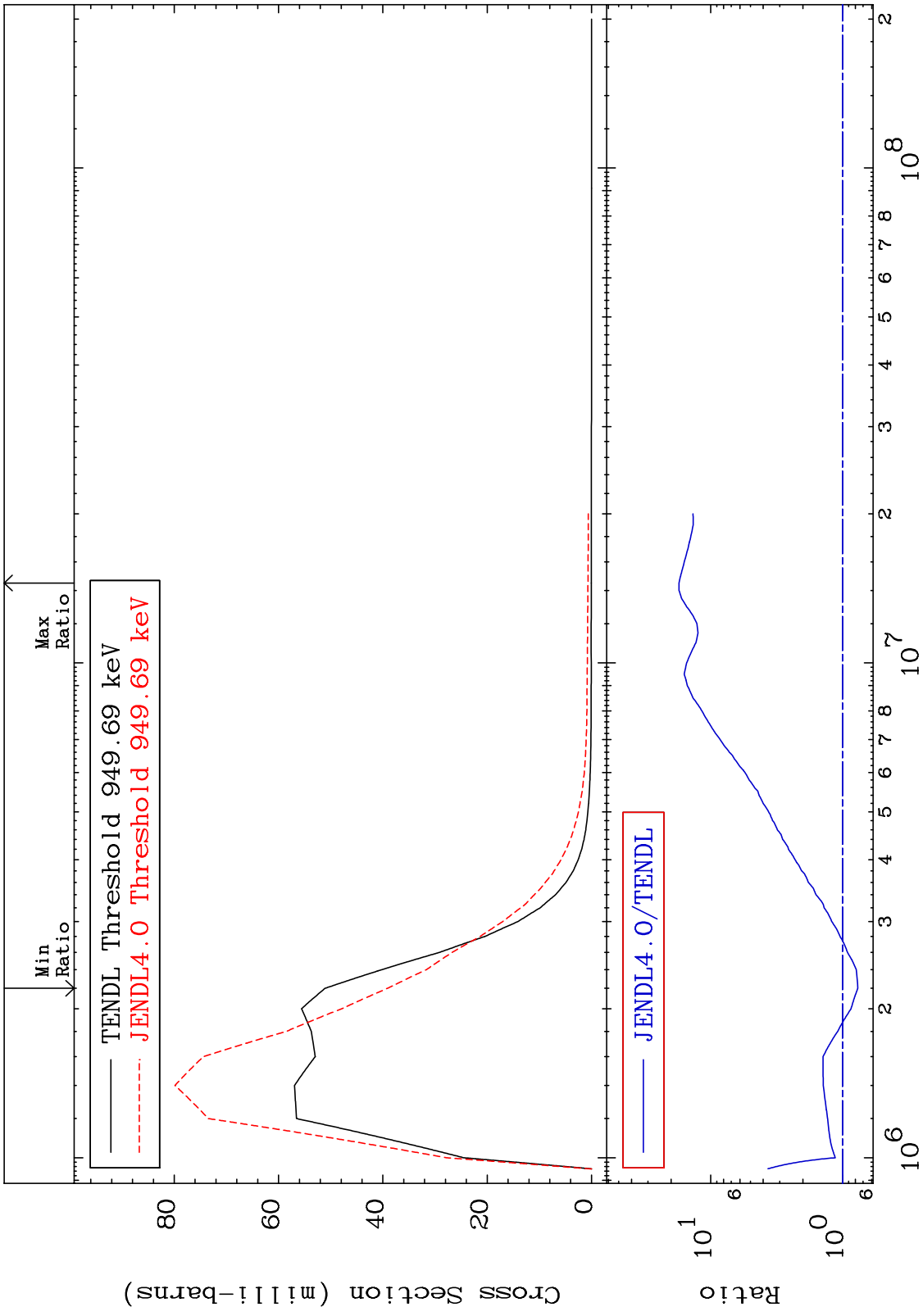
49-In-115

MAT 4931 MT= 55 (n,n') Level 49-In-115
Cross Section -22.74 To 1550. %



13 49-In-115

MAT 4931 MT= 56 (n,n') Level 49-In-115
 Cross Section -23.48 To 1641. %

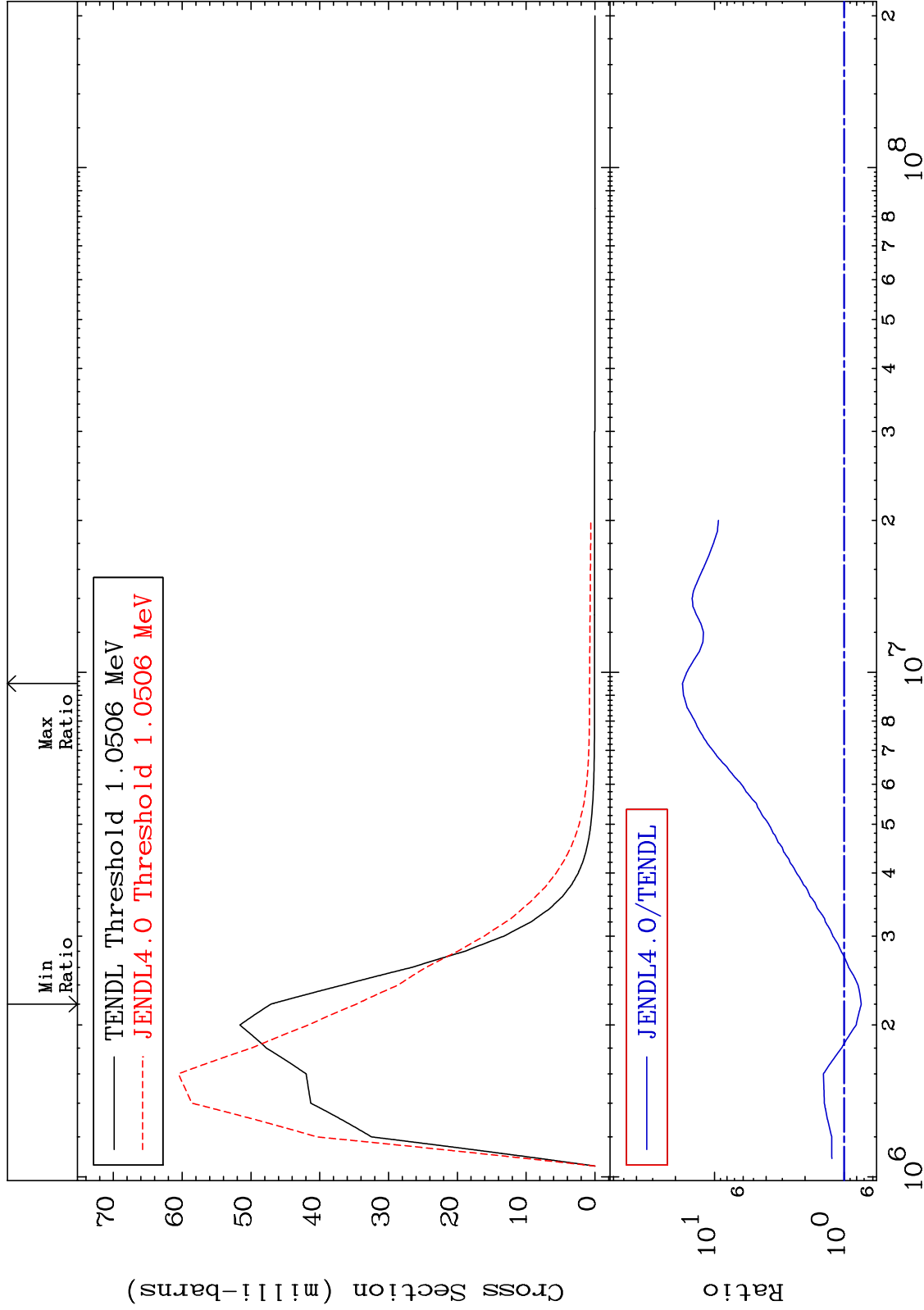


14 Incident Energy (eV) 49-In-115

MAT 4931

MT= 57 (n,n') Level
Cross Section

49-In-115
-26.34 To 1665. %

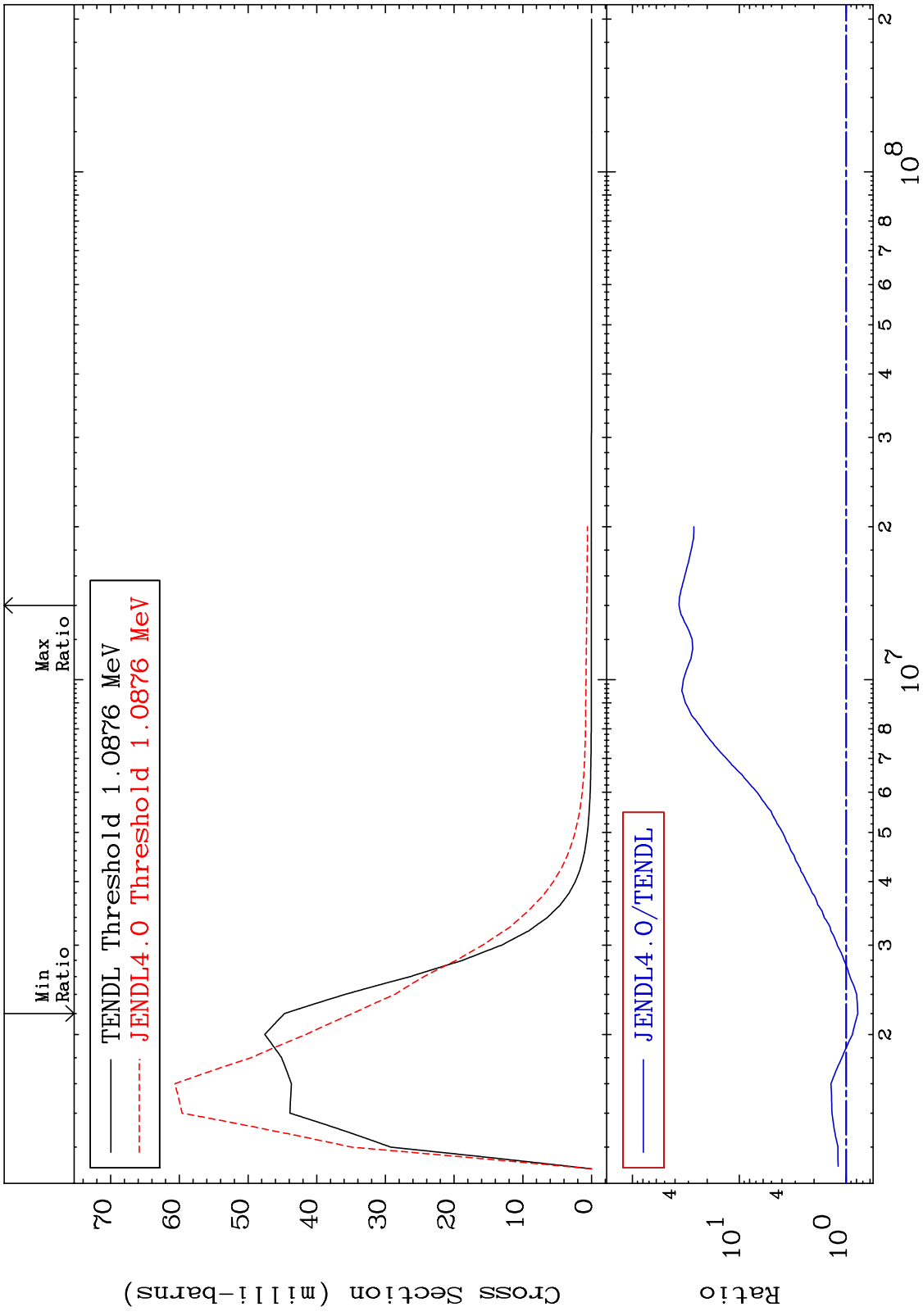


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Incident Energy (eV)

49-In-115

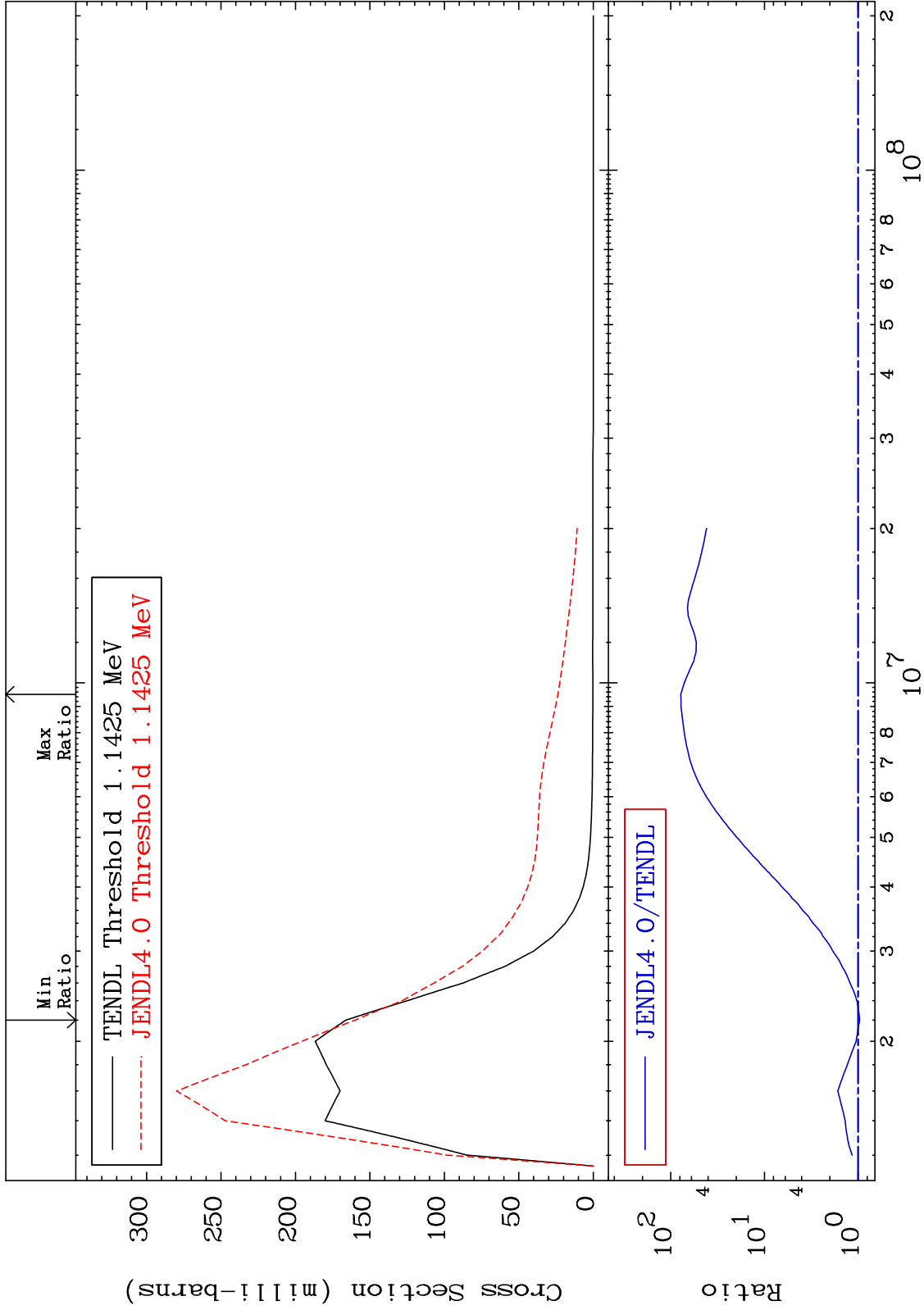
MAT 4931 MT= 58 (n,n') Level Cross Section 49-In-115
 -22.14 To 3564. %



MAT 4931

MT= 59 (n,n') Level
Cross Section

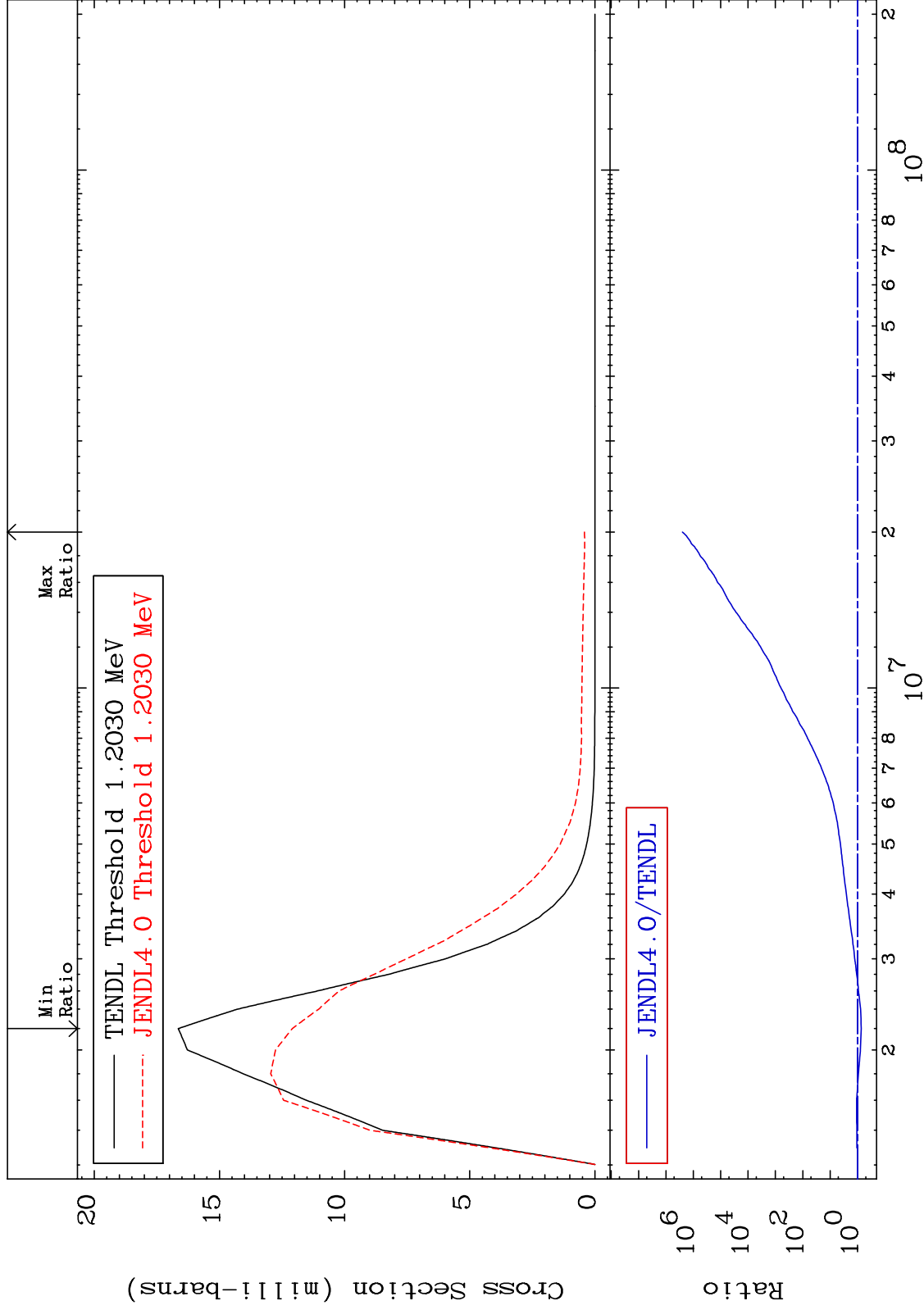
49-In-115
-3.730 To 7712. %



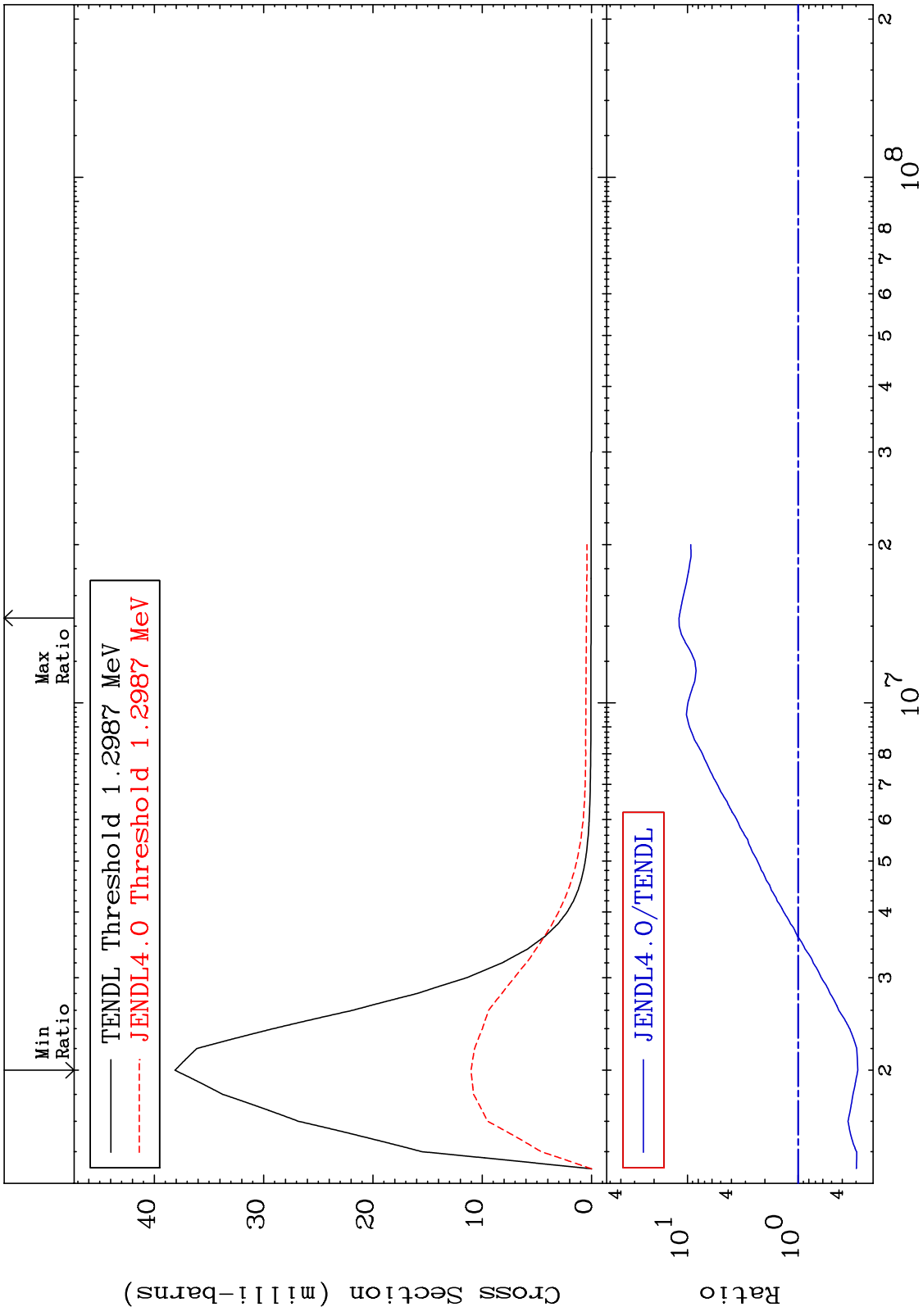
MAT 4931

MT= 60 (n,n') Level
Cross Section

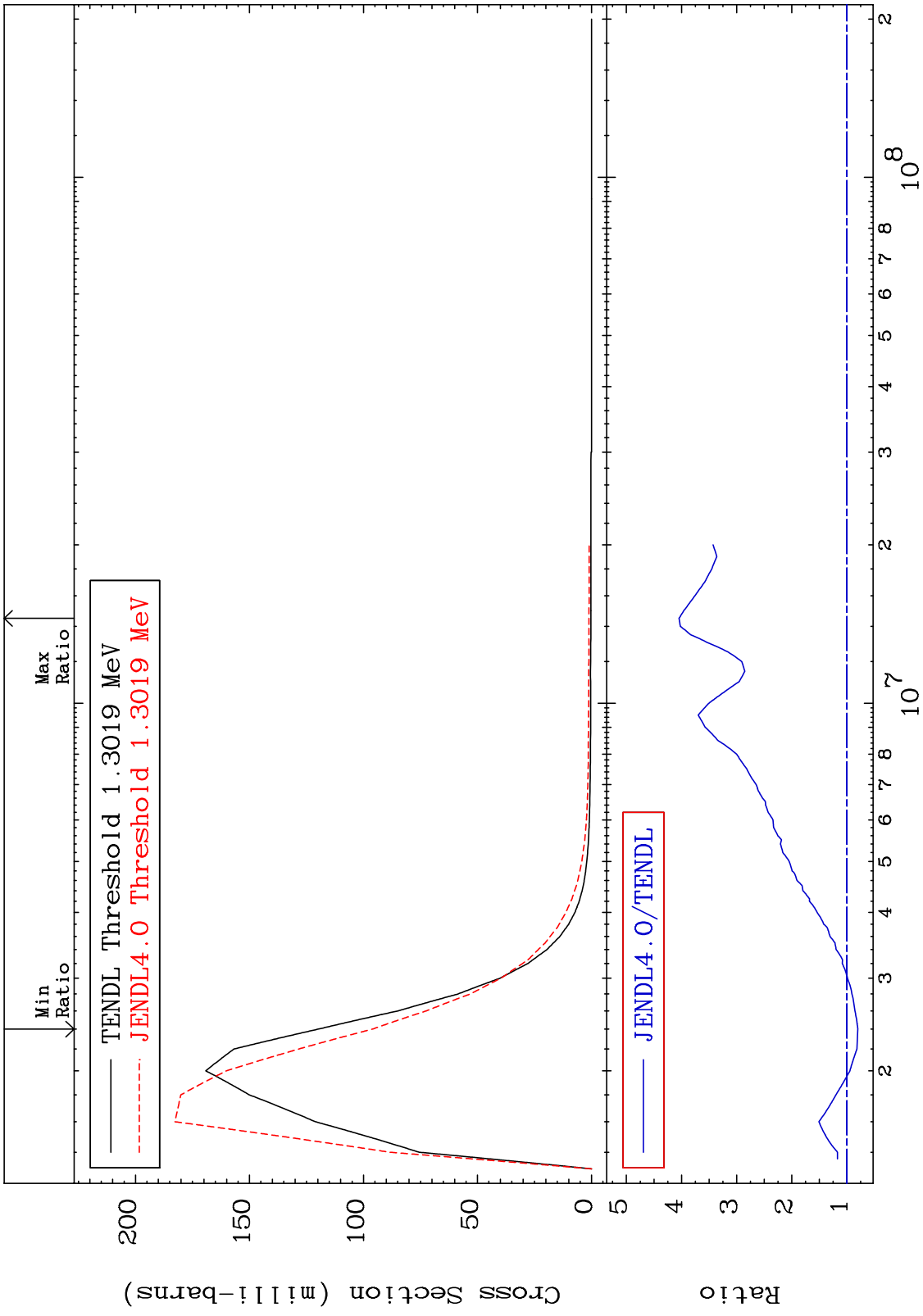
49-In-115
-27.37 To 9999. %



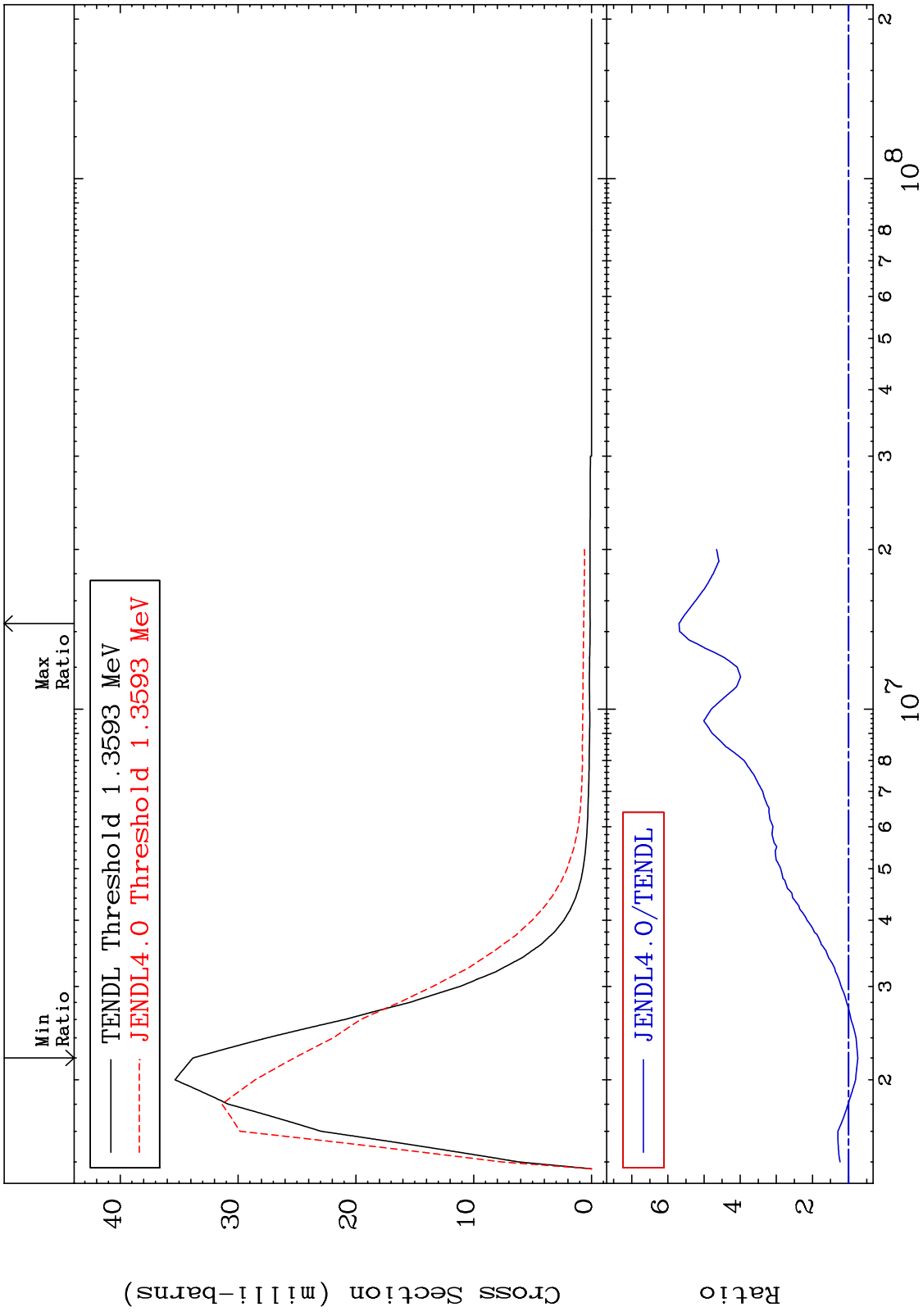
MAT 4931 MT= 61 (n,n') Level Cross Section -71.06 To 1091. % 49-In-115



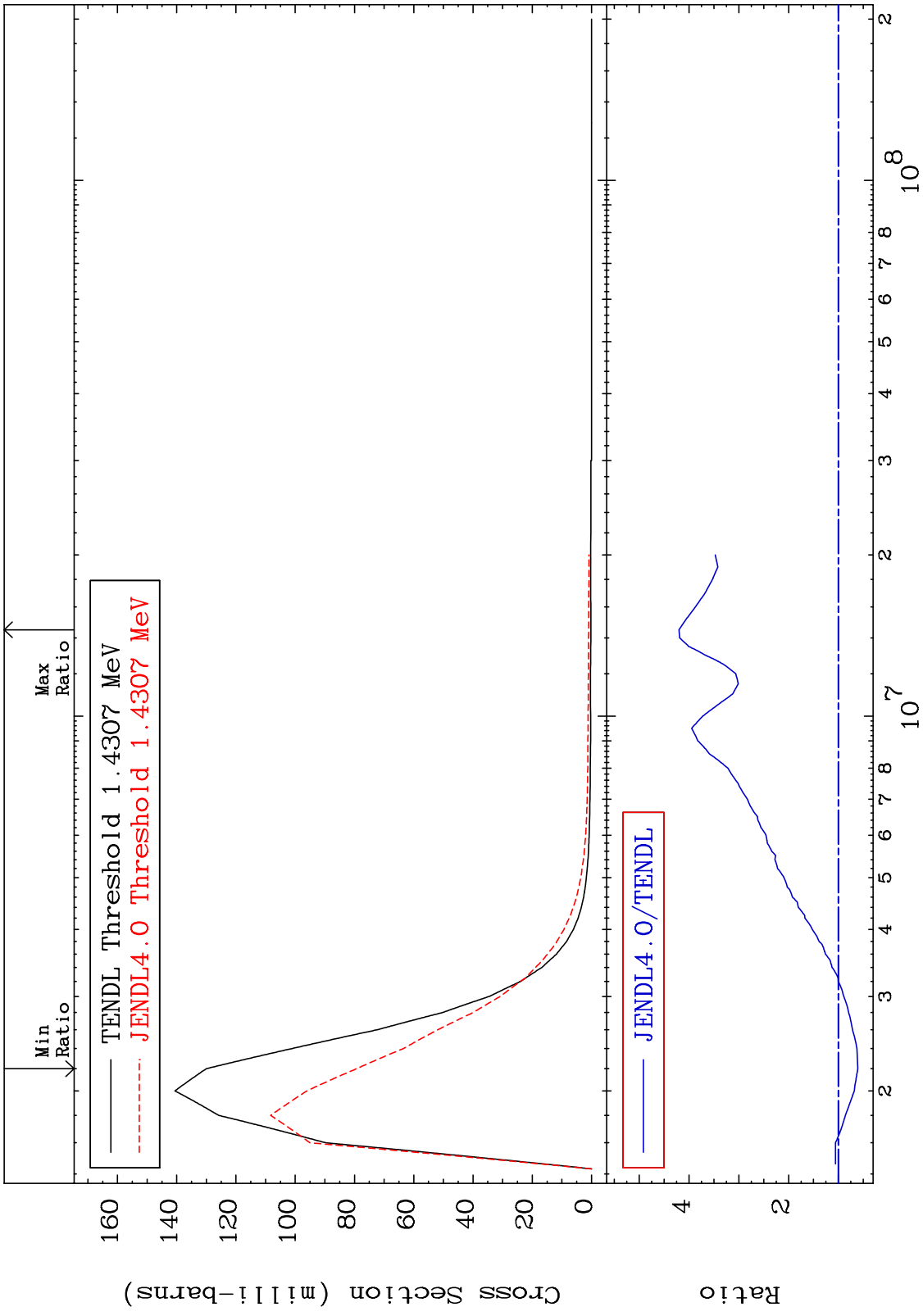
MAT 4931 MT= 62 (n,n') Level Cross Section -19.82 To 304.5 % 49-In-115



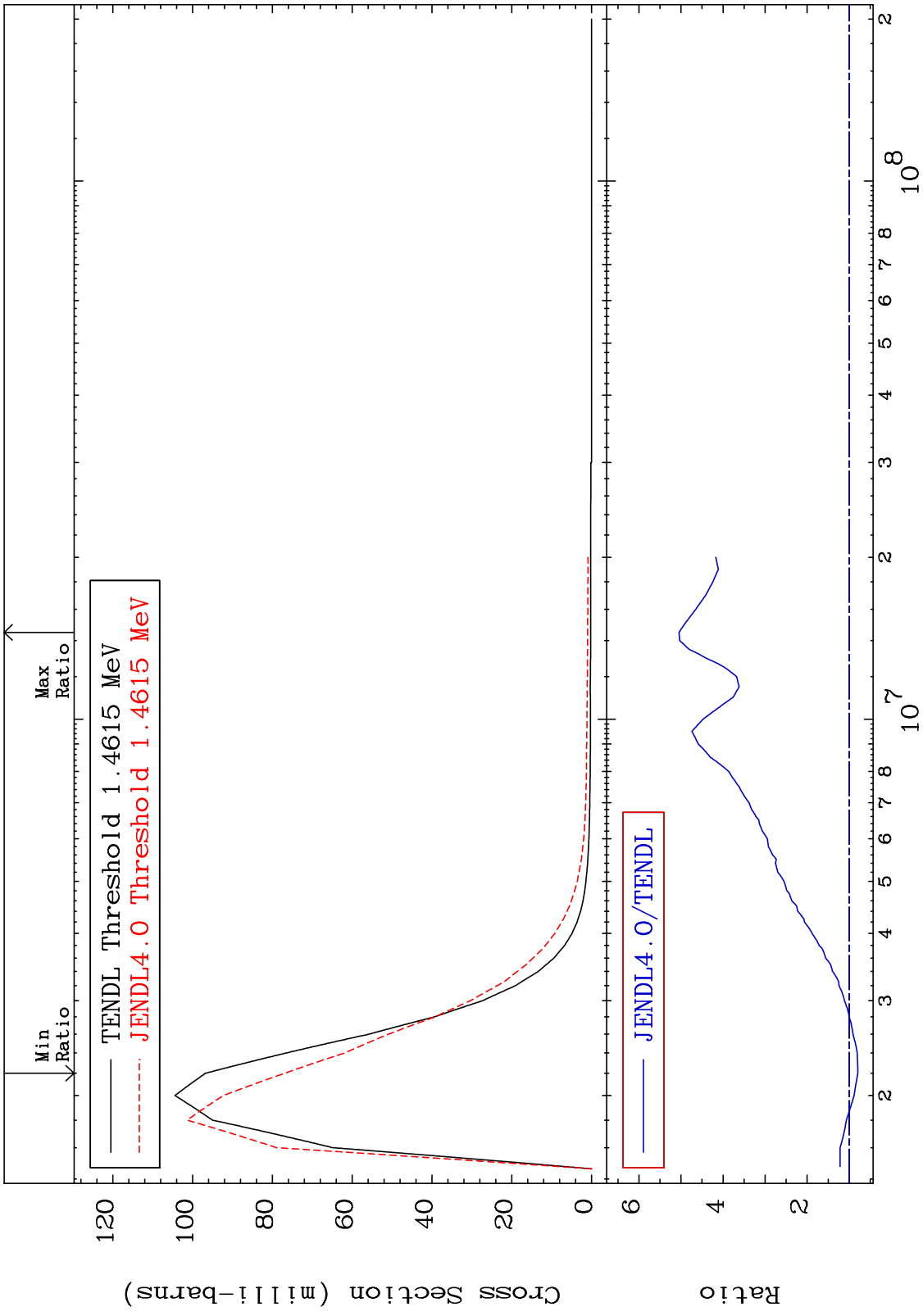
MAT 4931 MT= 63 (n,n') Level Cross Section -25.45 To 469.1 % 49-In-115



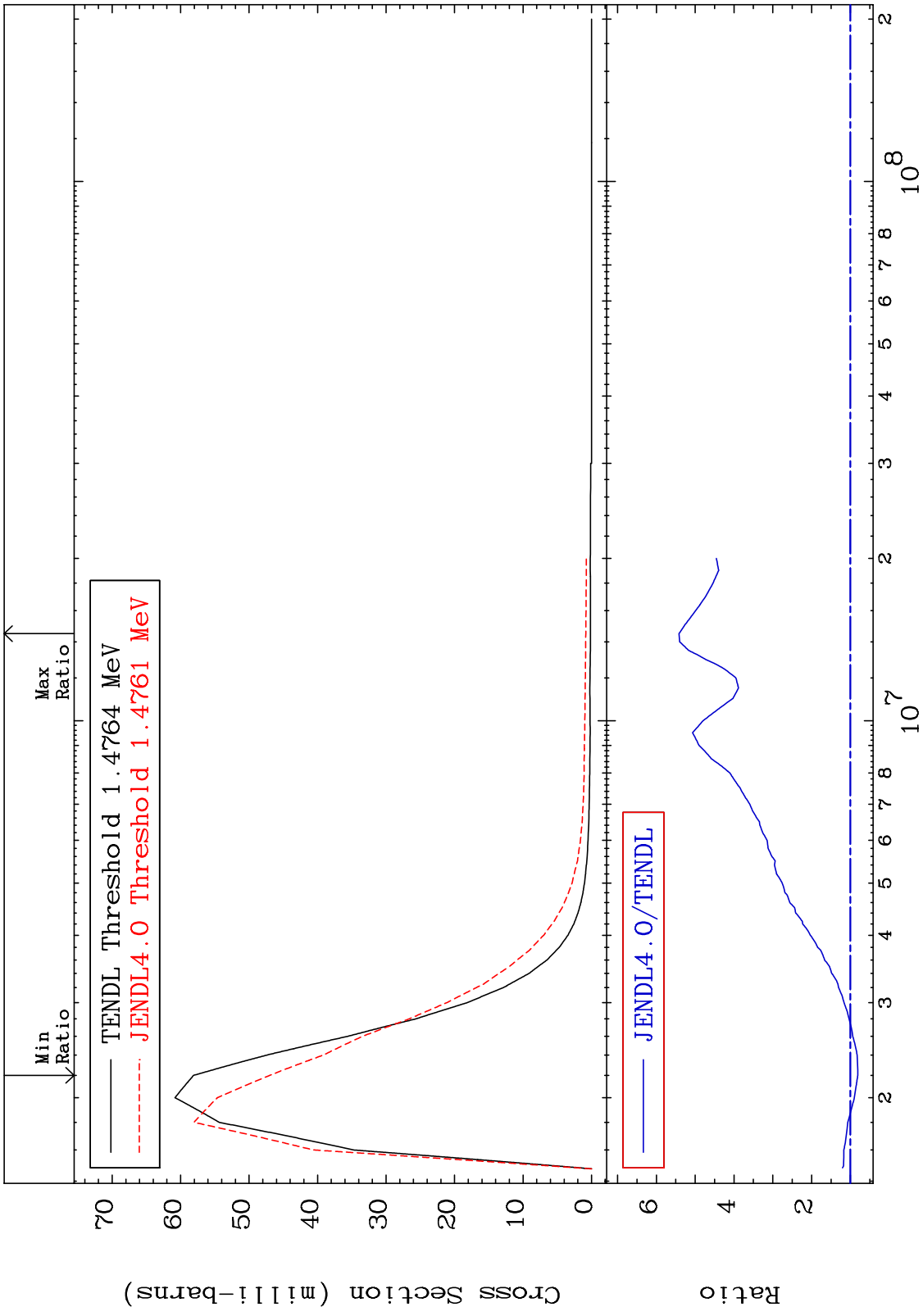
MAT 4931 MT= 64 (n,n') Level Cross Section -39.00 To 320.0 % 49-In-115



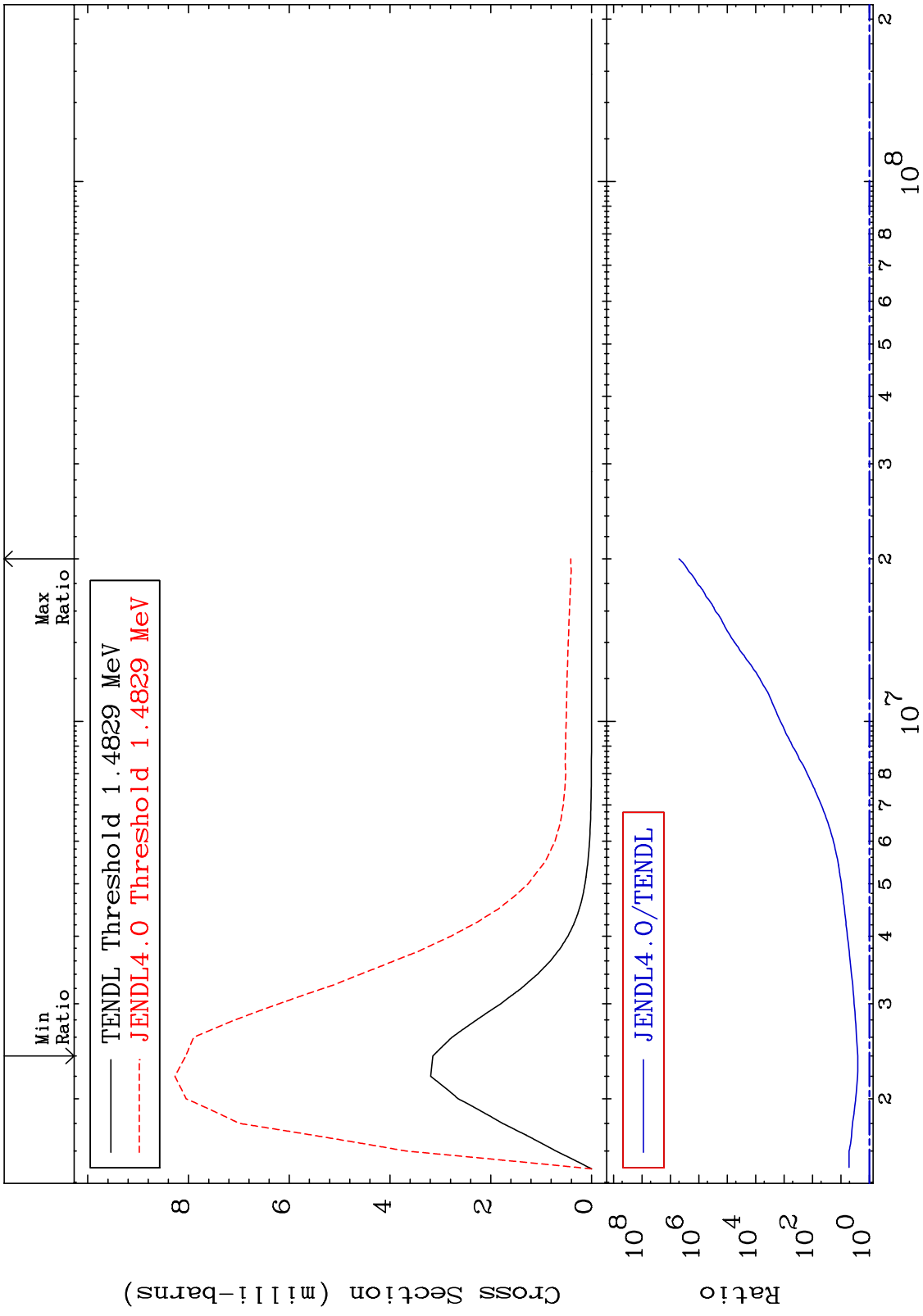
MAT 4931 MT= 65 (n,n') Level Cross Section 49-In-115
 -20.53 To 404.6 %



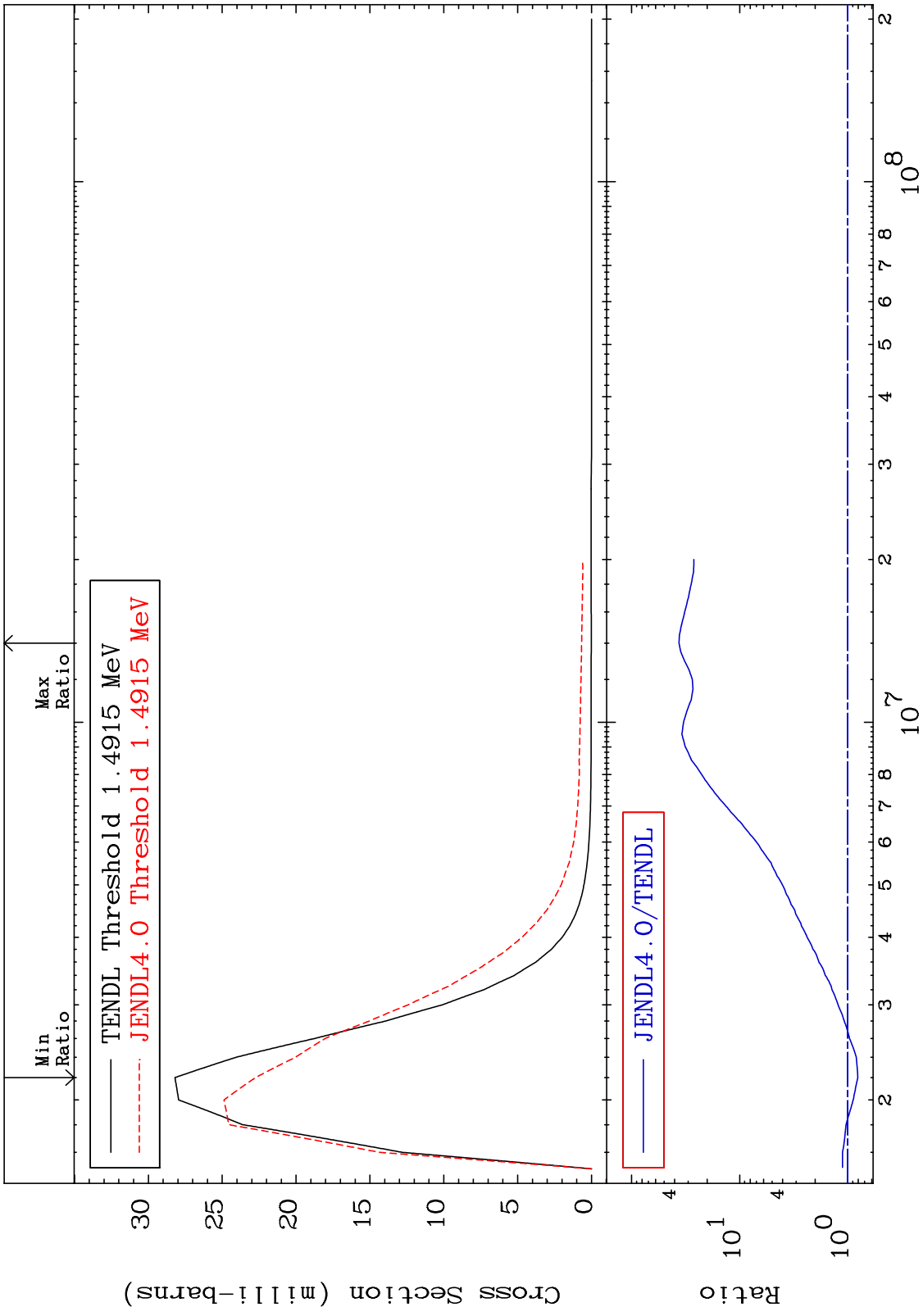
MAT 4931 MT= 66 (n,n') Level Cross Section -19.12 To 441.6 % 49-In-115

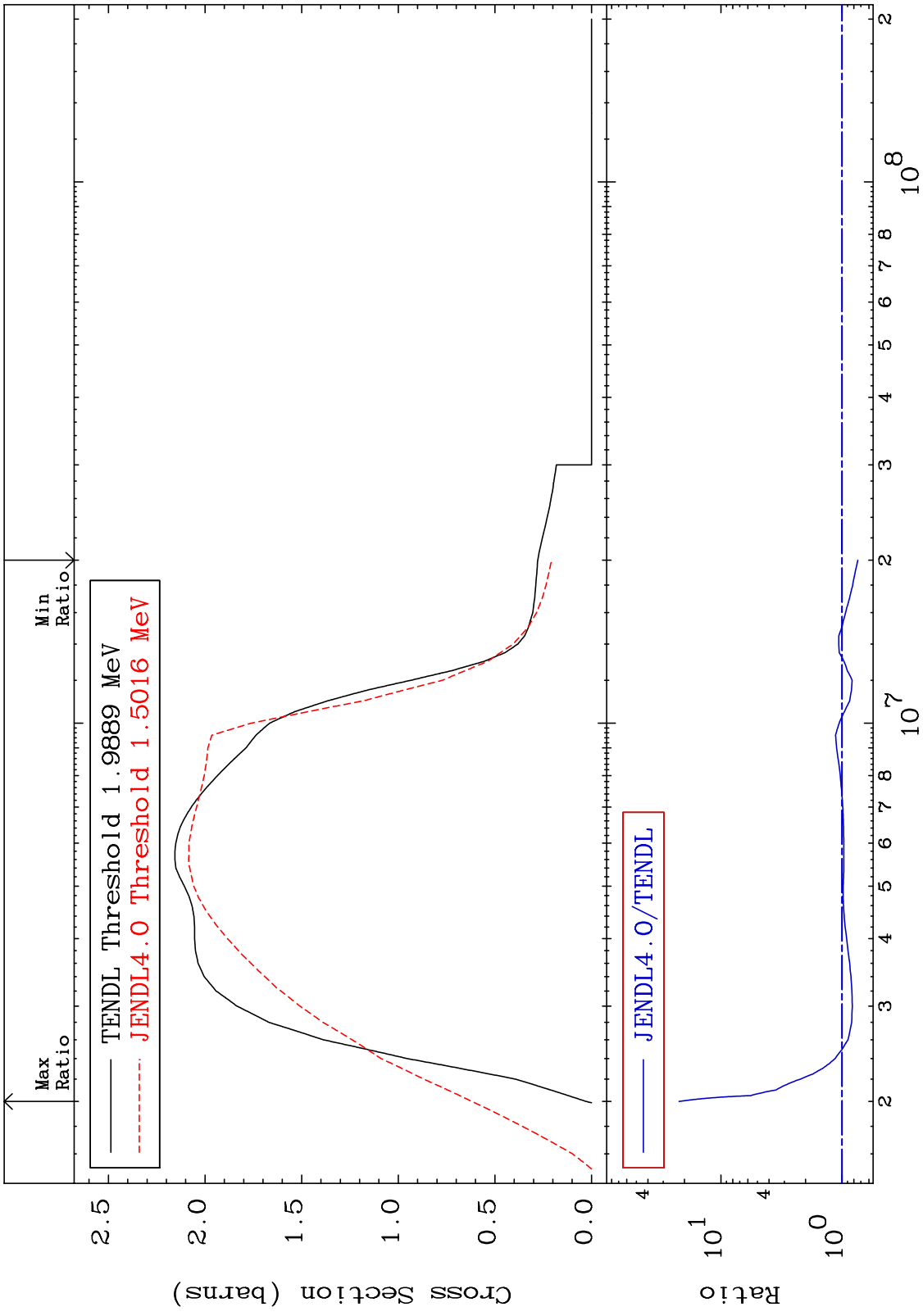


MAT 4931 MT= 67 (n,n') Level Cross Section 49-In-115
 155.8 To 9999. %



MAT 4931 MT= 68 (n,n') Level Cross Section -19.33 To 3538. % 49-In-115

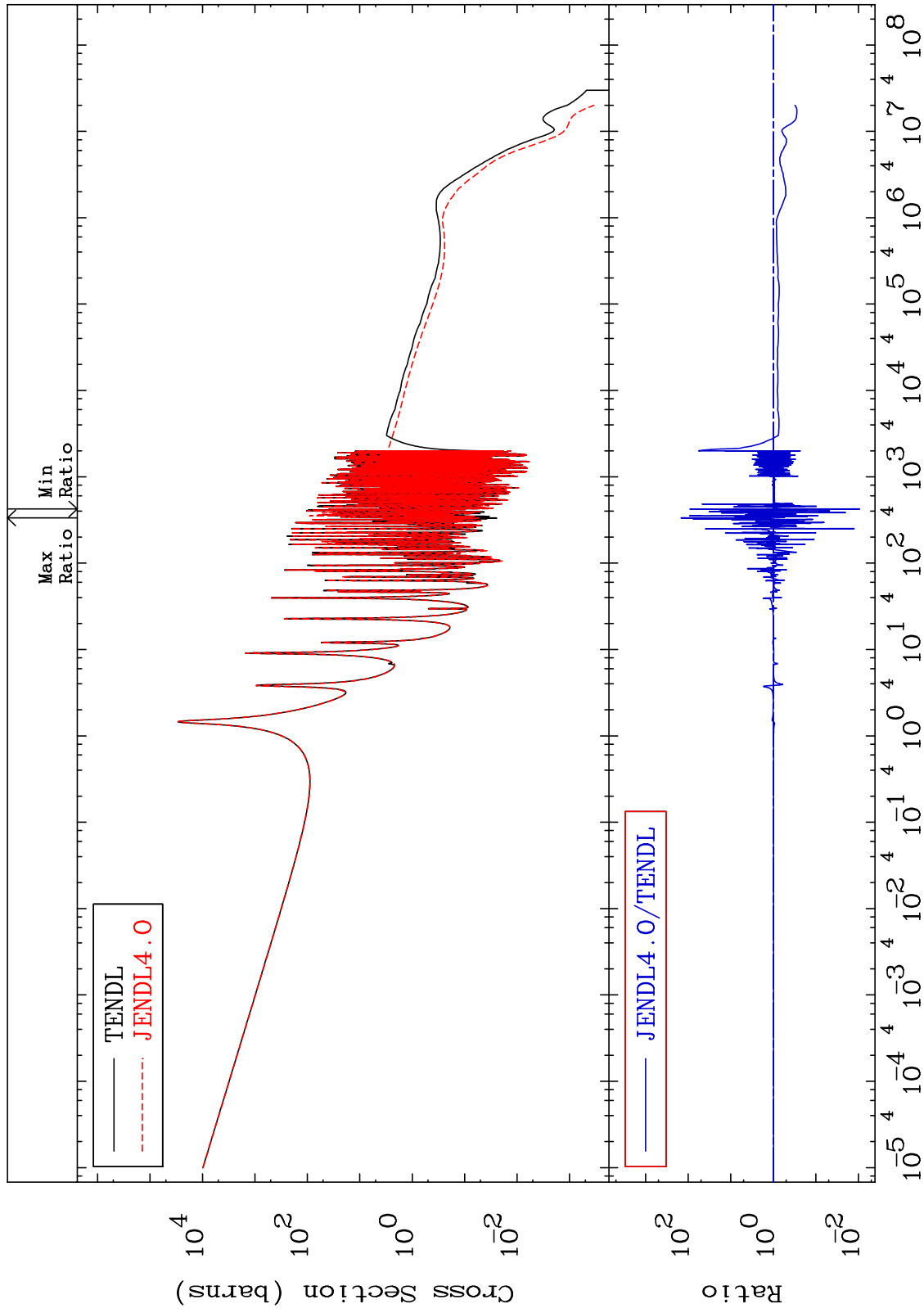




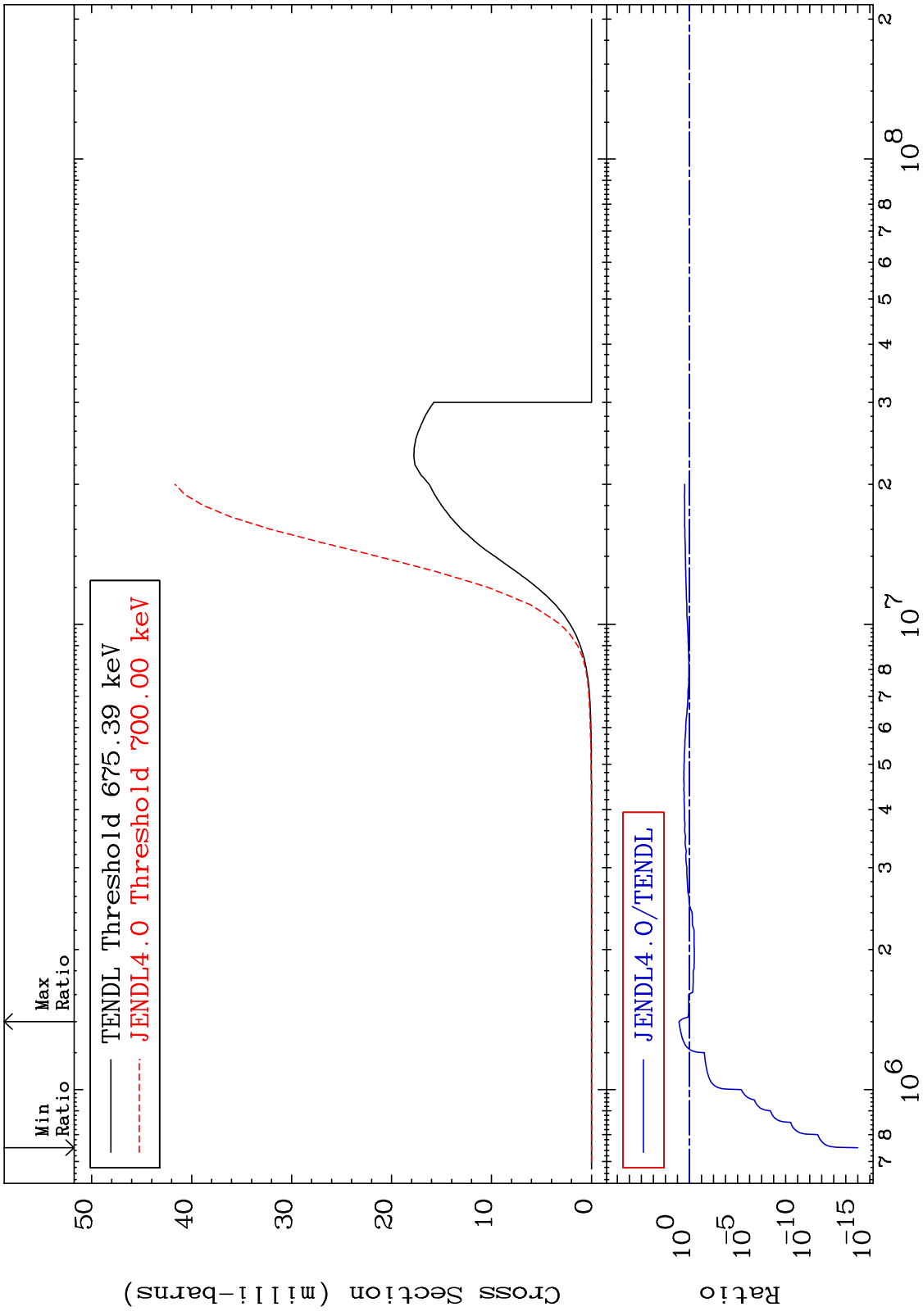
MAT 4931

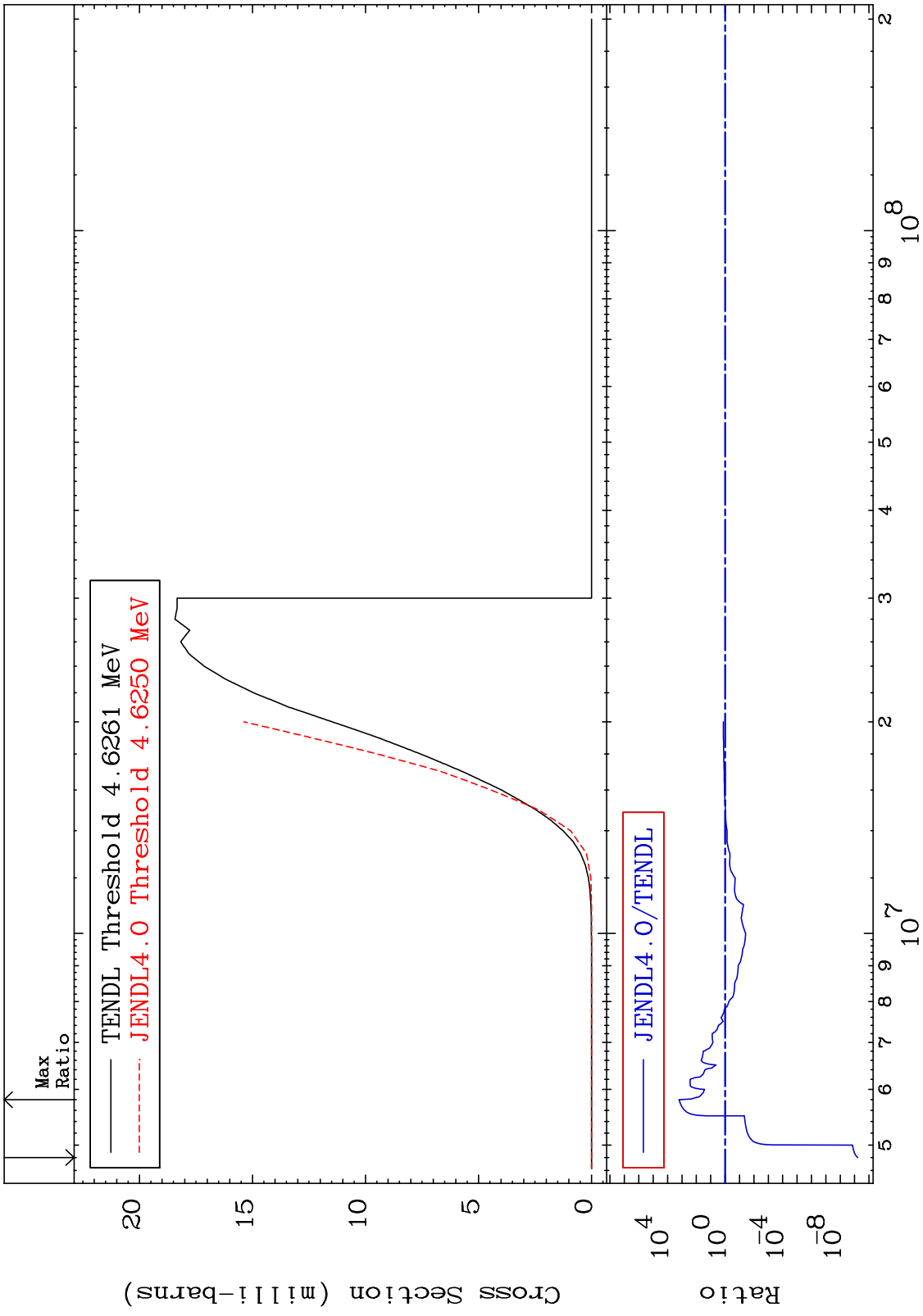
(n, γ)
Cross Section

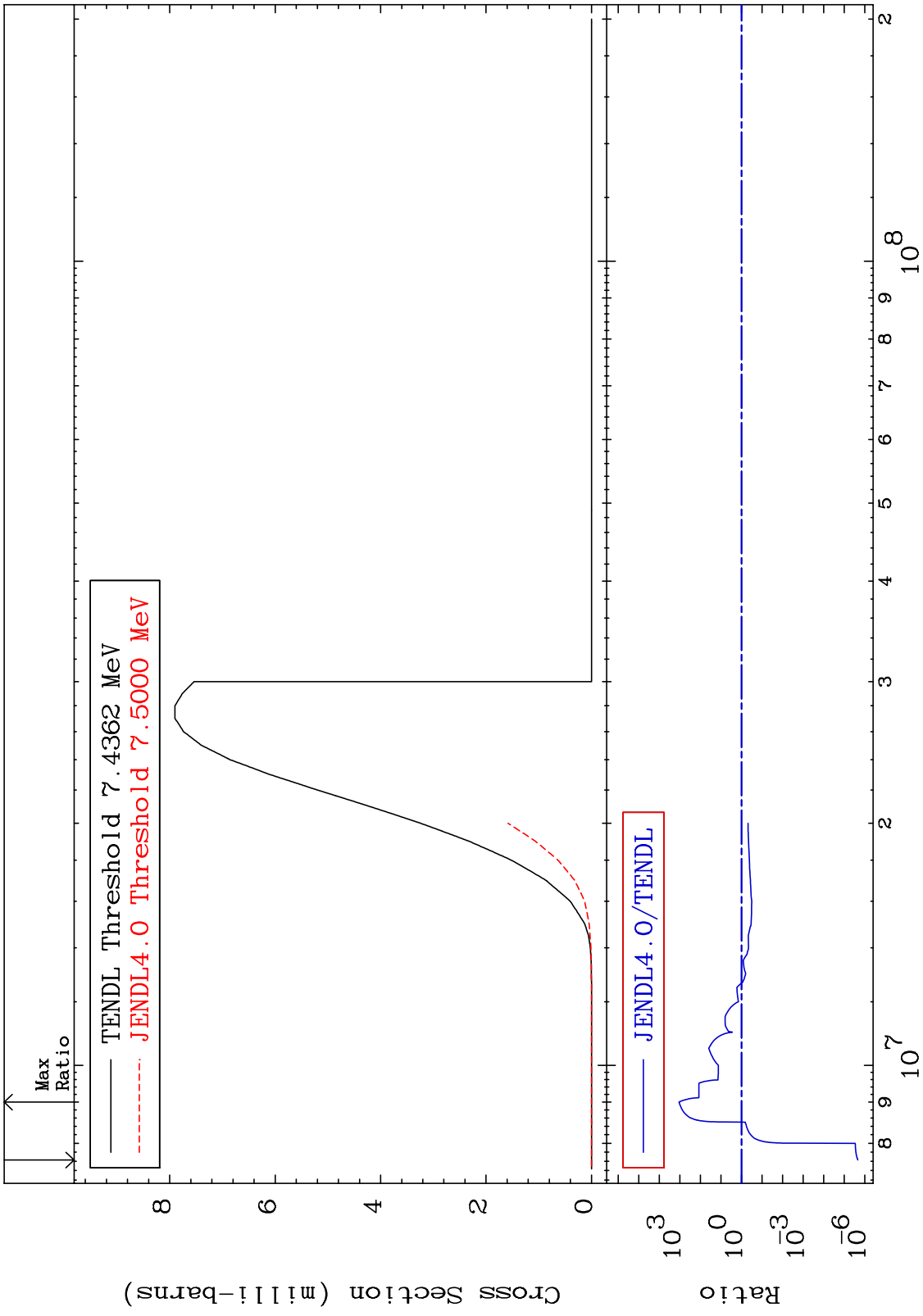
49-In-115
-99.07 To 9999. %



MAT 4931 (n,p) 49-In-115
 Cross Section -100.0 To 644.1 %







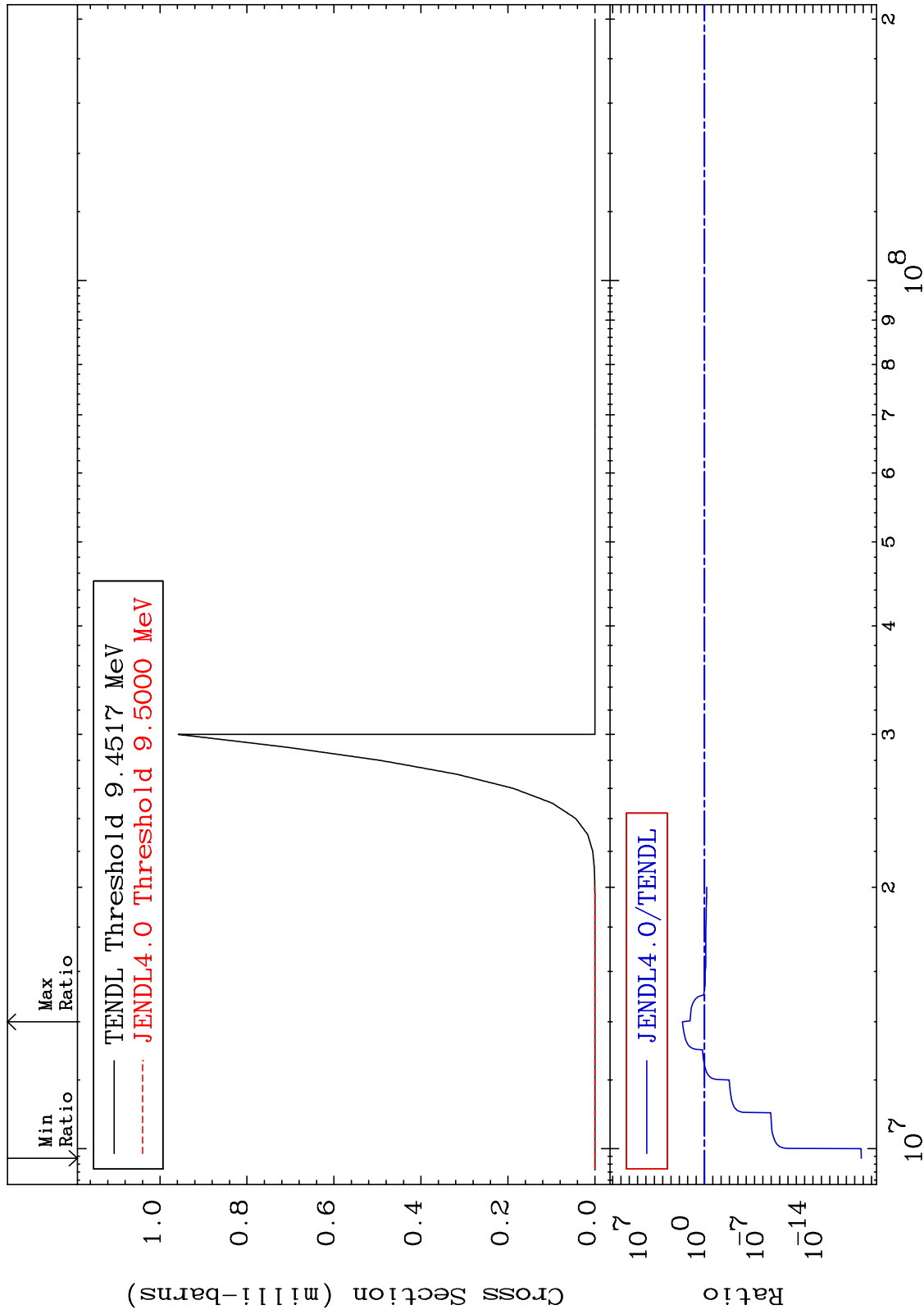
MAT 4931

(n,He-3)

49-In-115

Cross Section

-100.0 To 9999. %



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Incident Energy (eV)

49-In-115

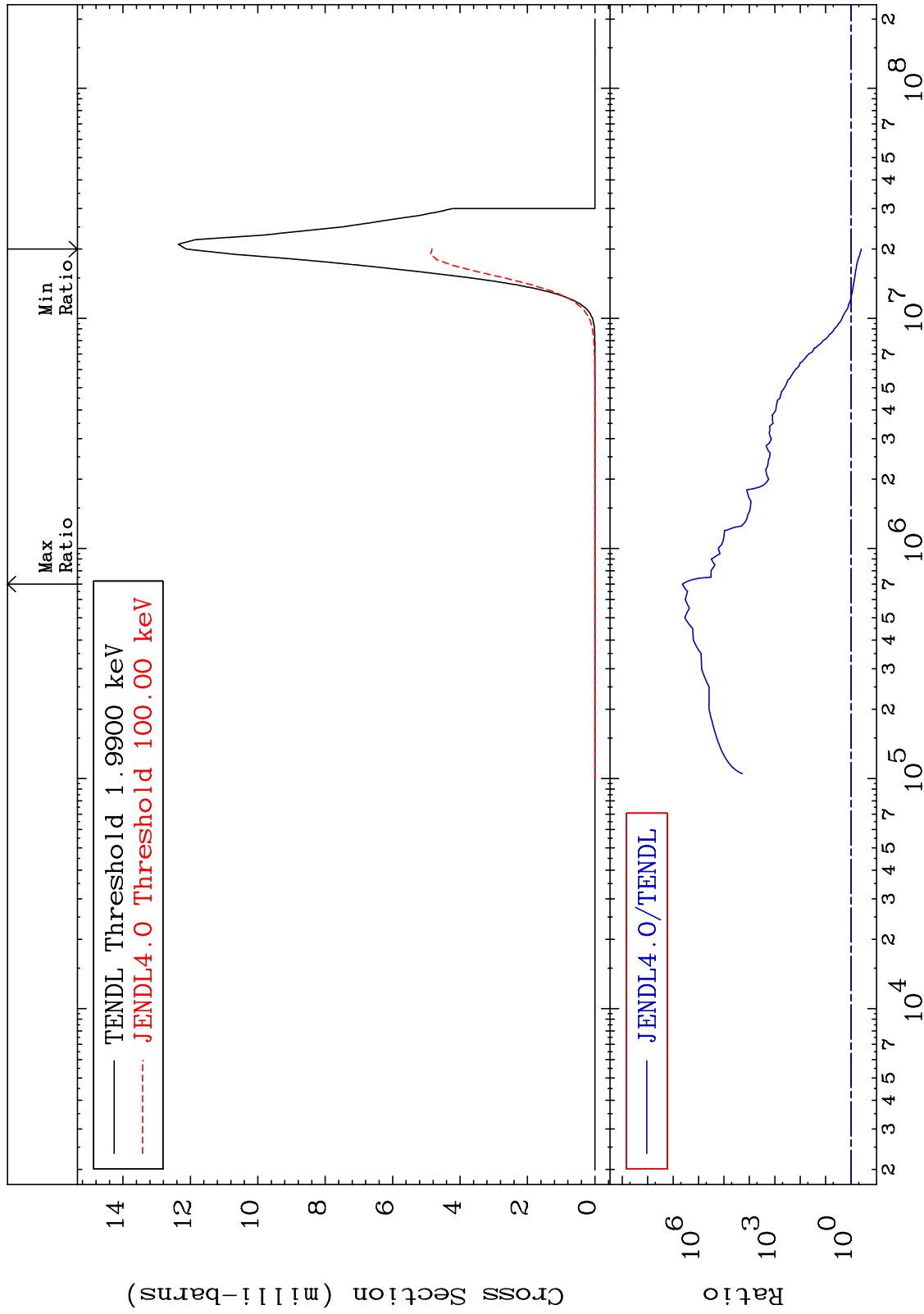
MAT 4931

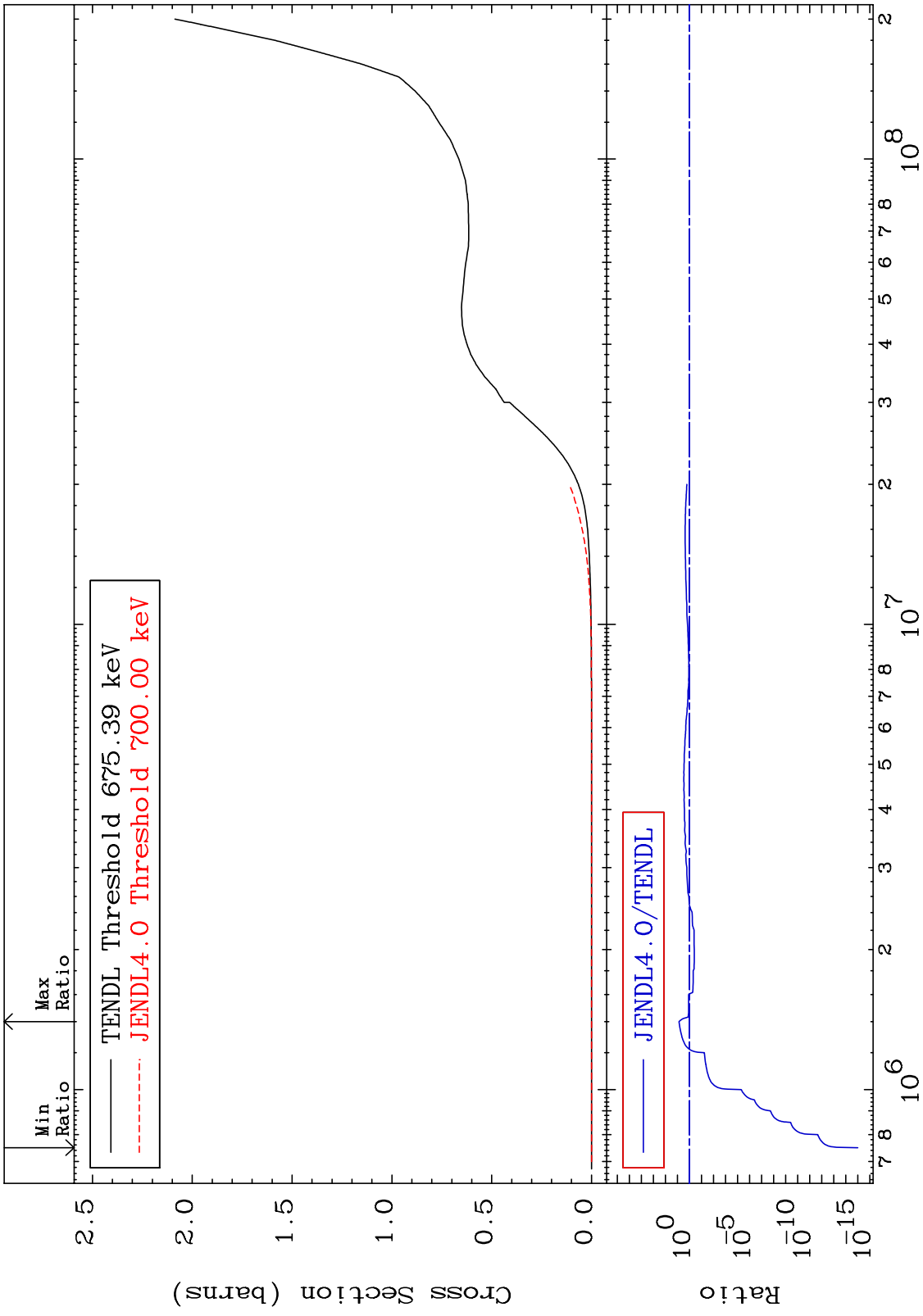
49-In-115

(n, α)

Cross Section

-60.16 To 9999. %

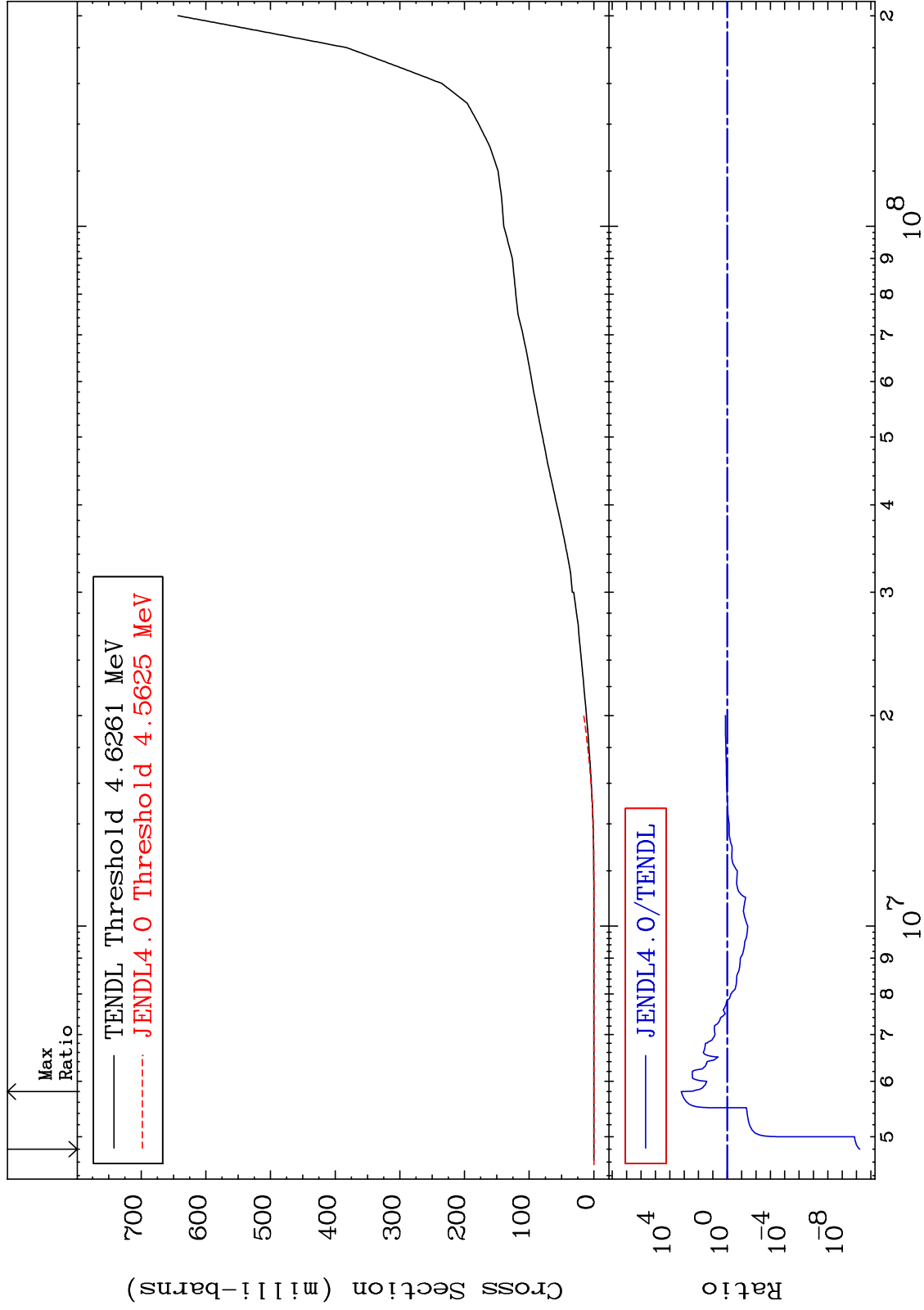




MAT 4931

Deuterium Production
Cross Section

49-In-115
-100.0 To 9999. %

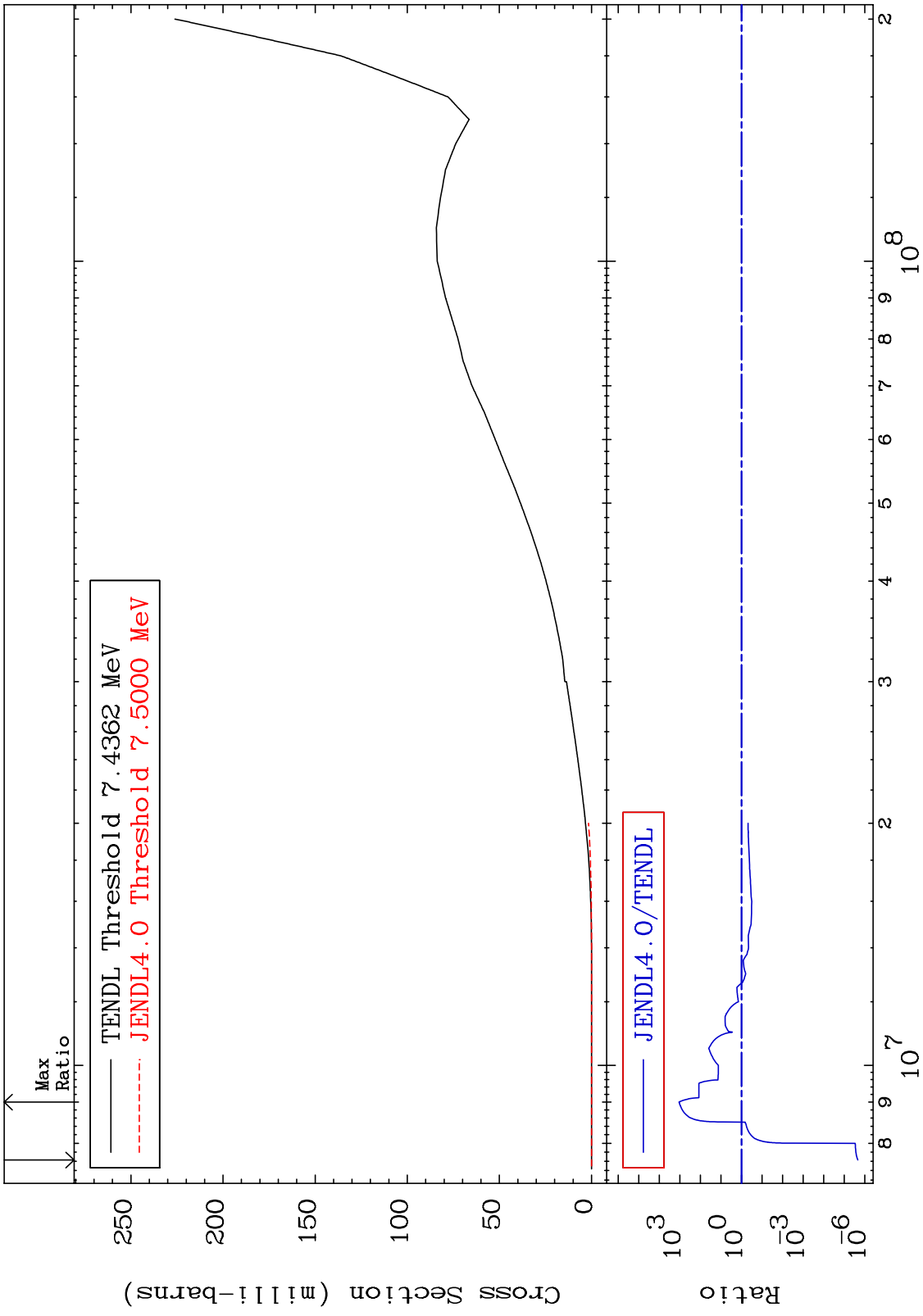


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Incident Energy (eV)

49-In-115

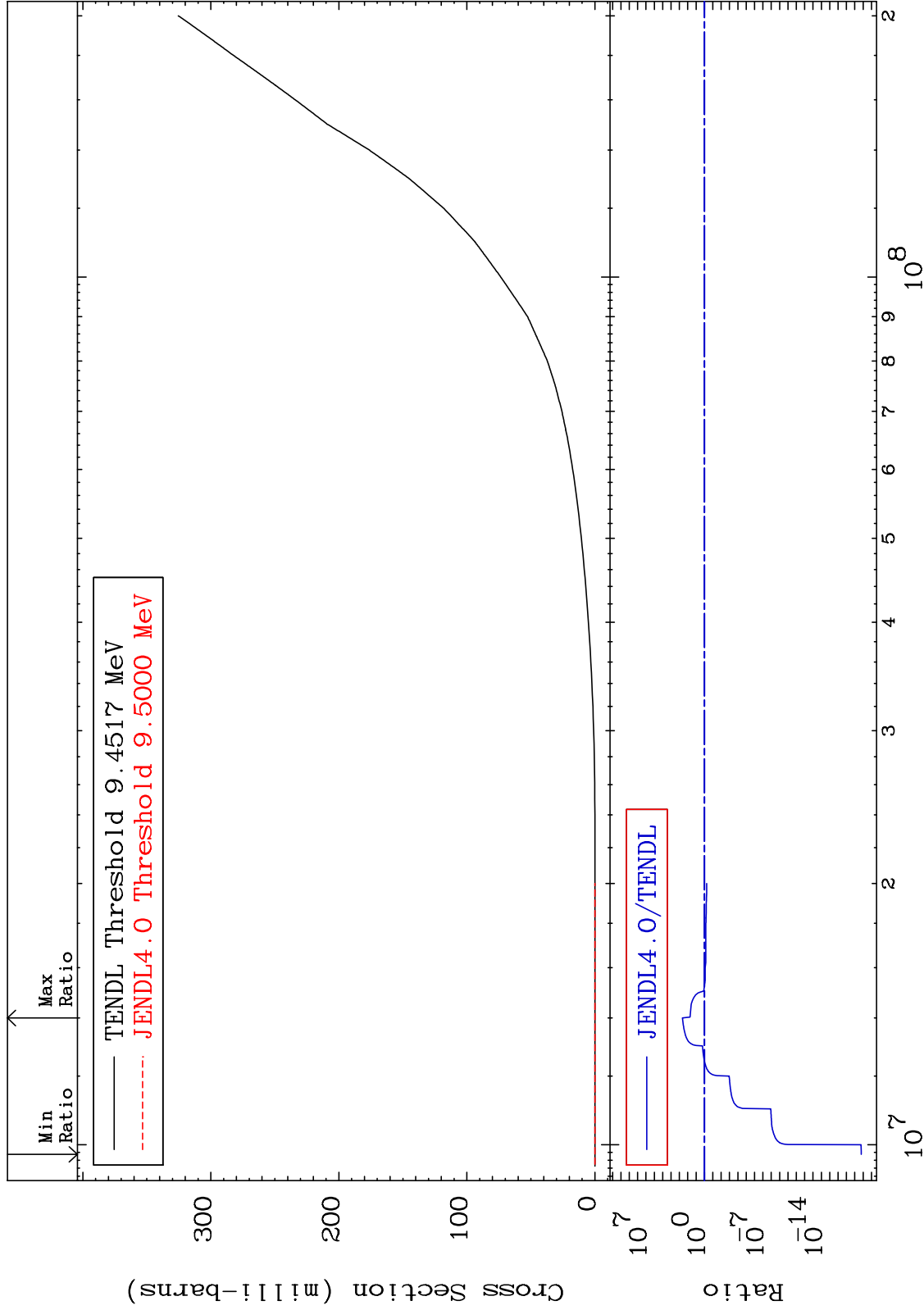
MAT 4931 Tritium Production Cross Section 49-In-115 -100.0 To 9999. %



MAT 4931

He-3 Production
Cross Section

49-In-115
-100.0 To 9999. %



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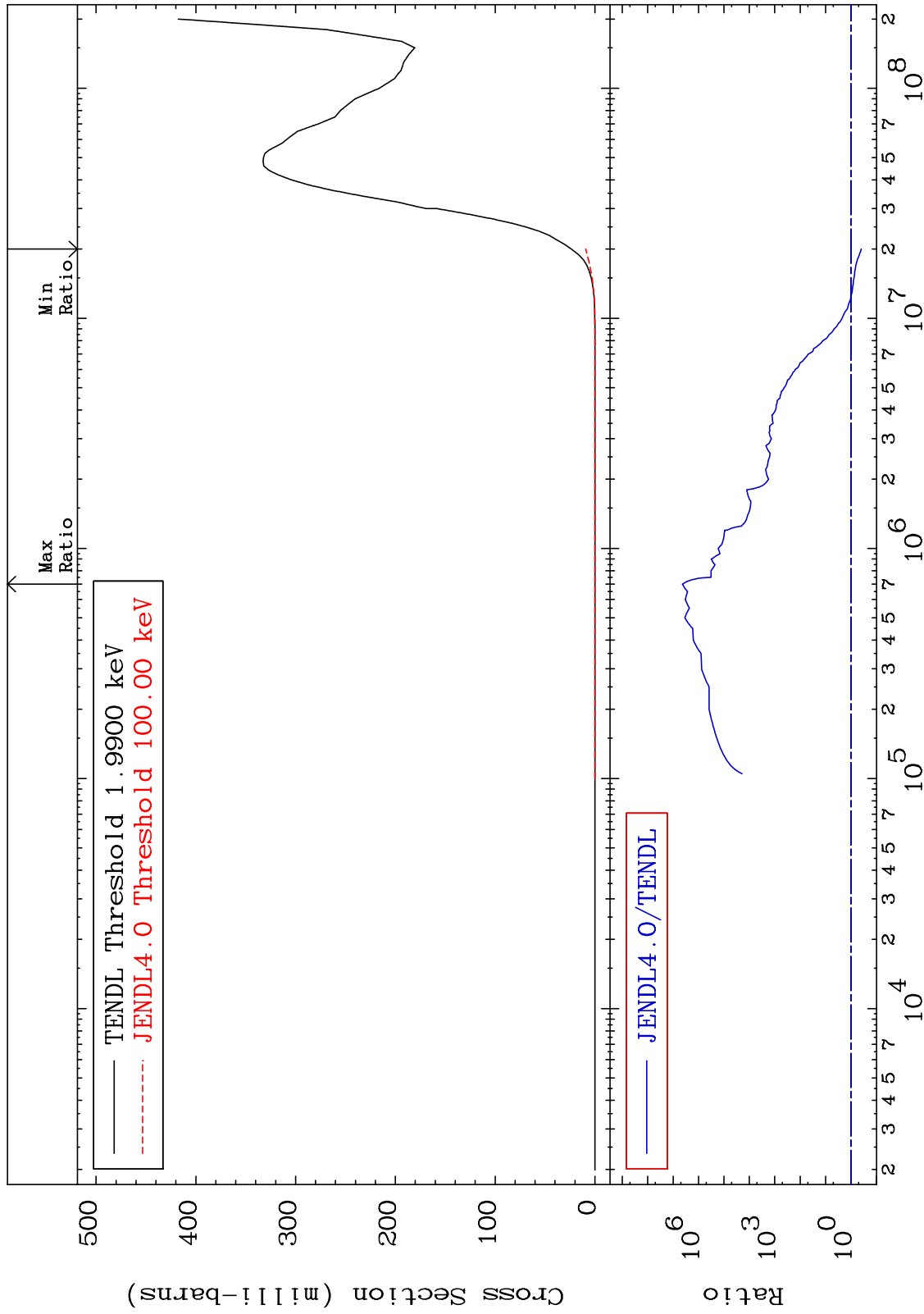
Incident Energy (eV)

49-In-115

MAT 4931

He-4 Production
Cross Section

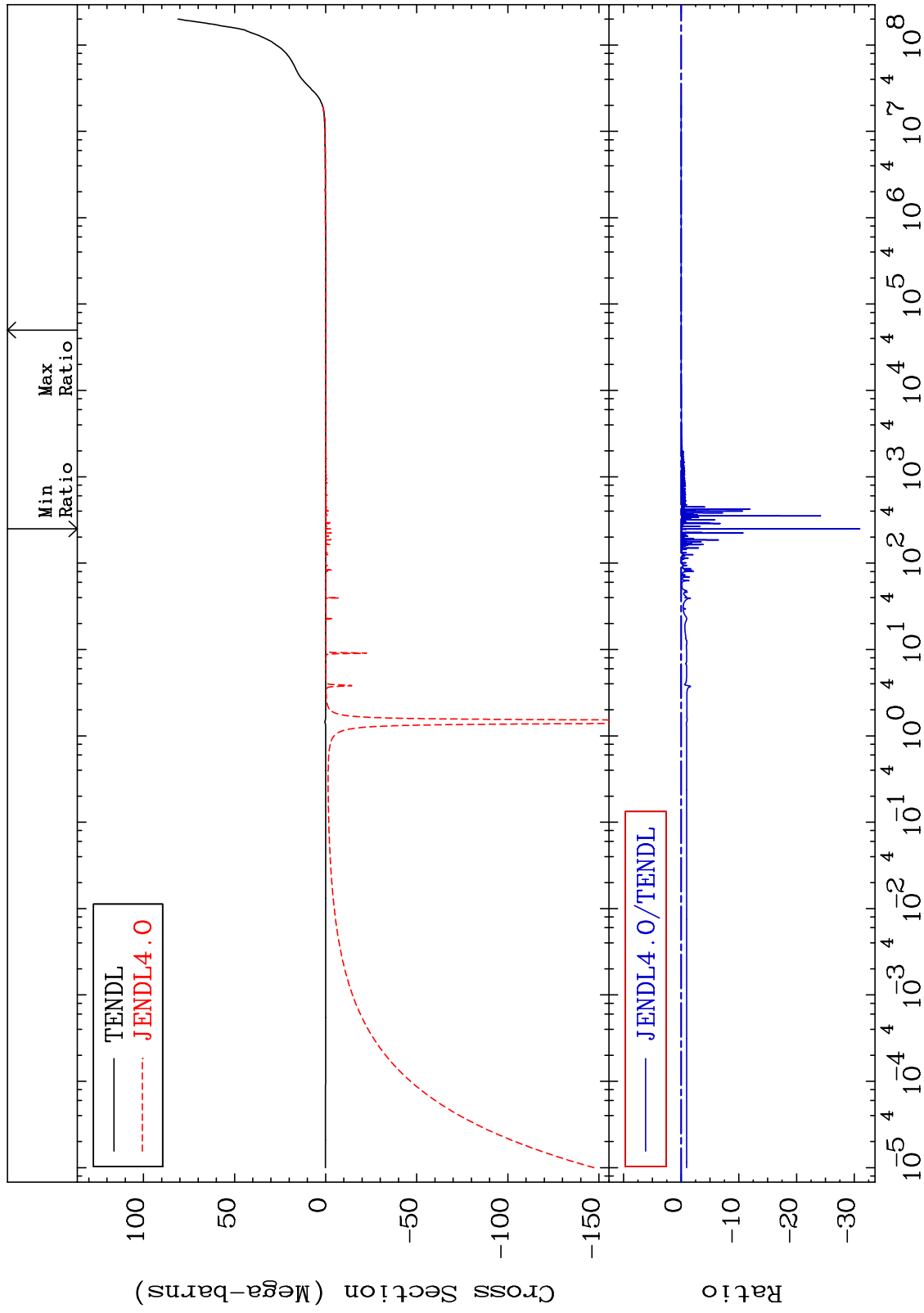
49-In-115
-60.82 To 9999. %



MAT 4931

Kerma total (eV-barns)
Cross Section

49-In-115
-9999. To 448.2 %



39

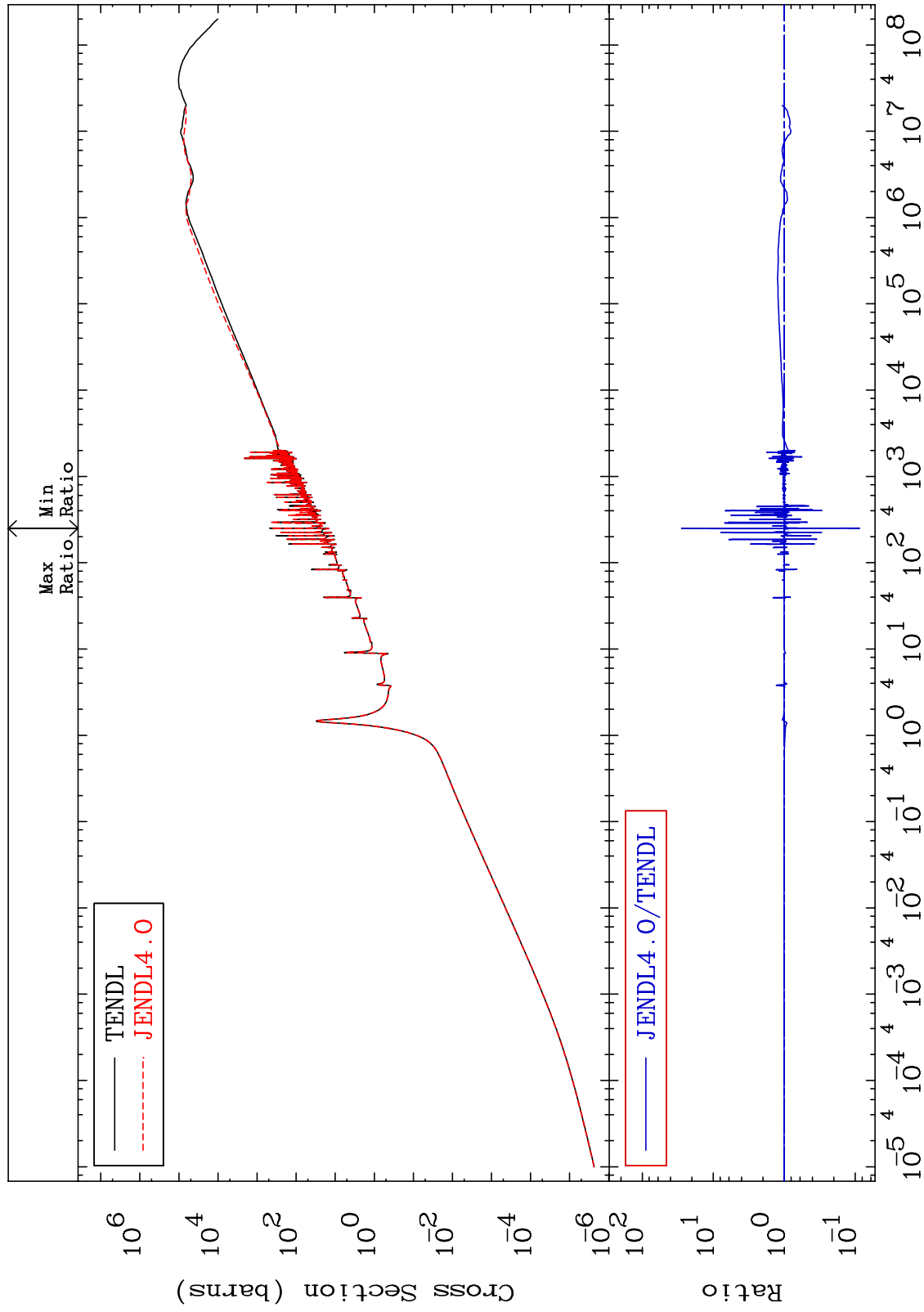
Incident Energy (eV)

49-In-115

MAT 4931

Kerma elastic
Cross Section

49-In-115
-91.38 To 2708. %

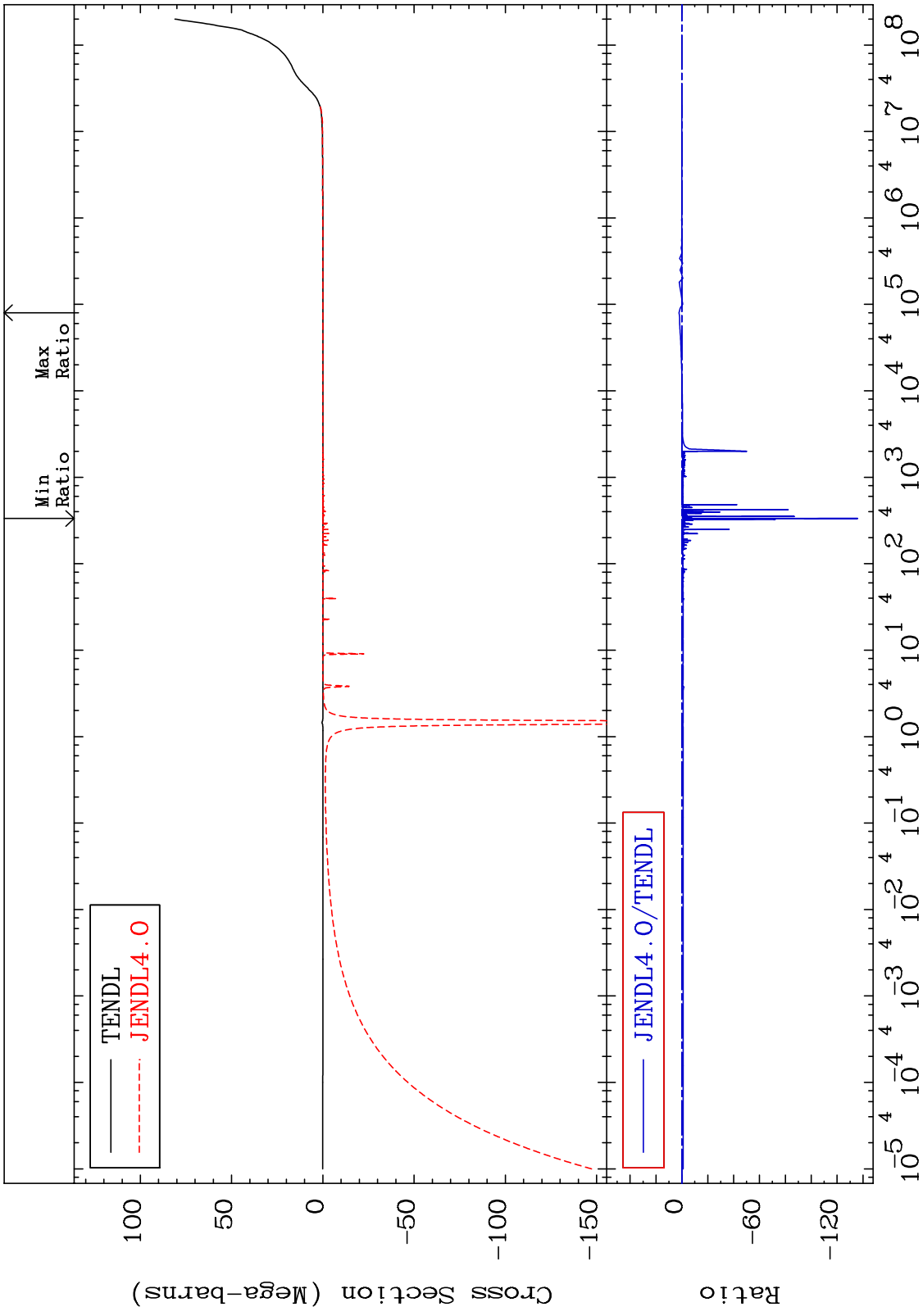


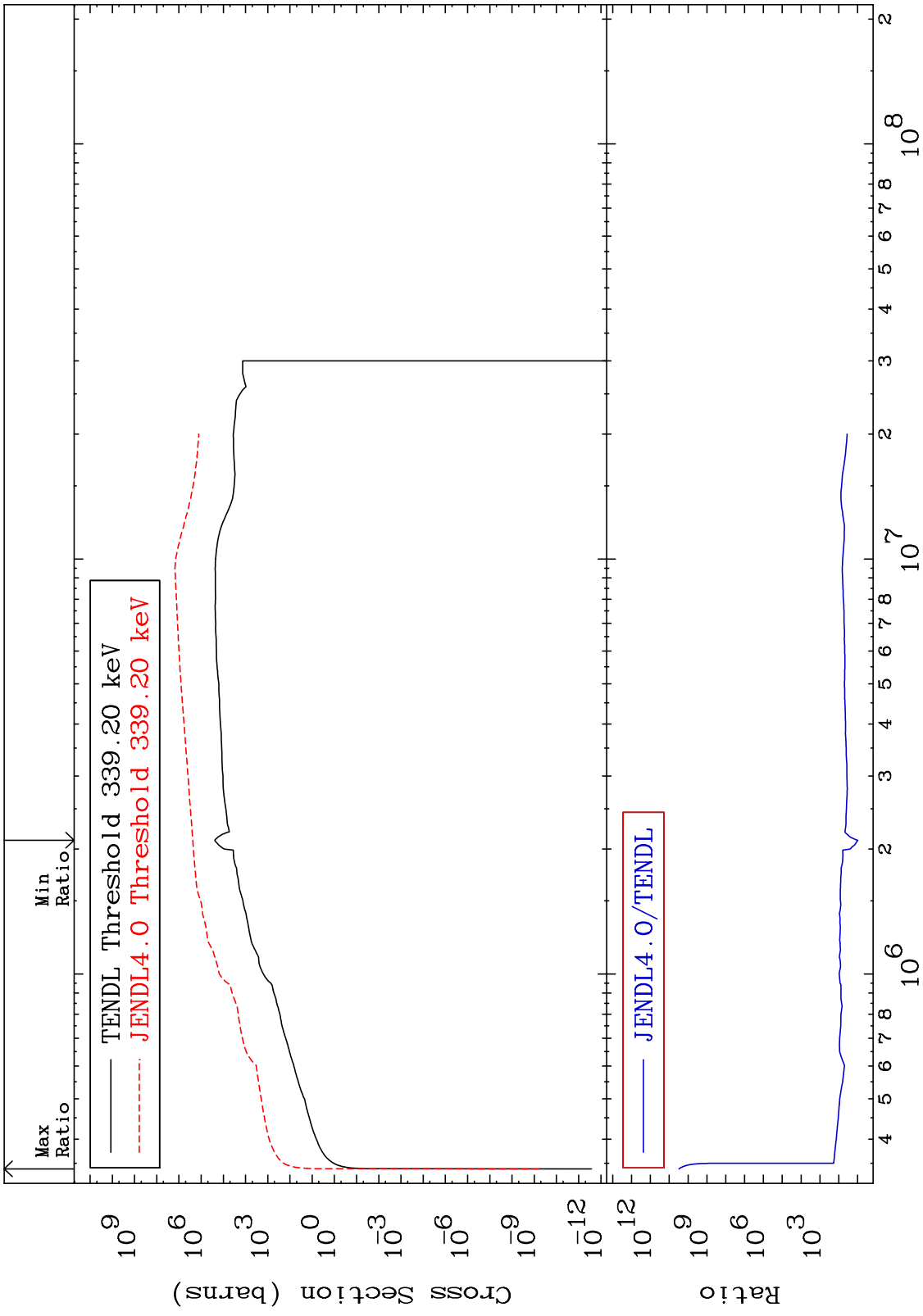
40

Incident Energy (eV)

49-In-115

MAT 4931 Kerma non-elastic (all but mt2) 49-In-115
 Cross Section -9999. To 9999. %

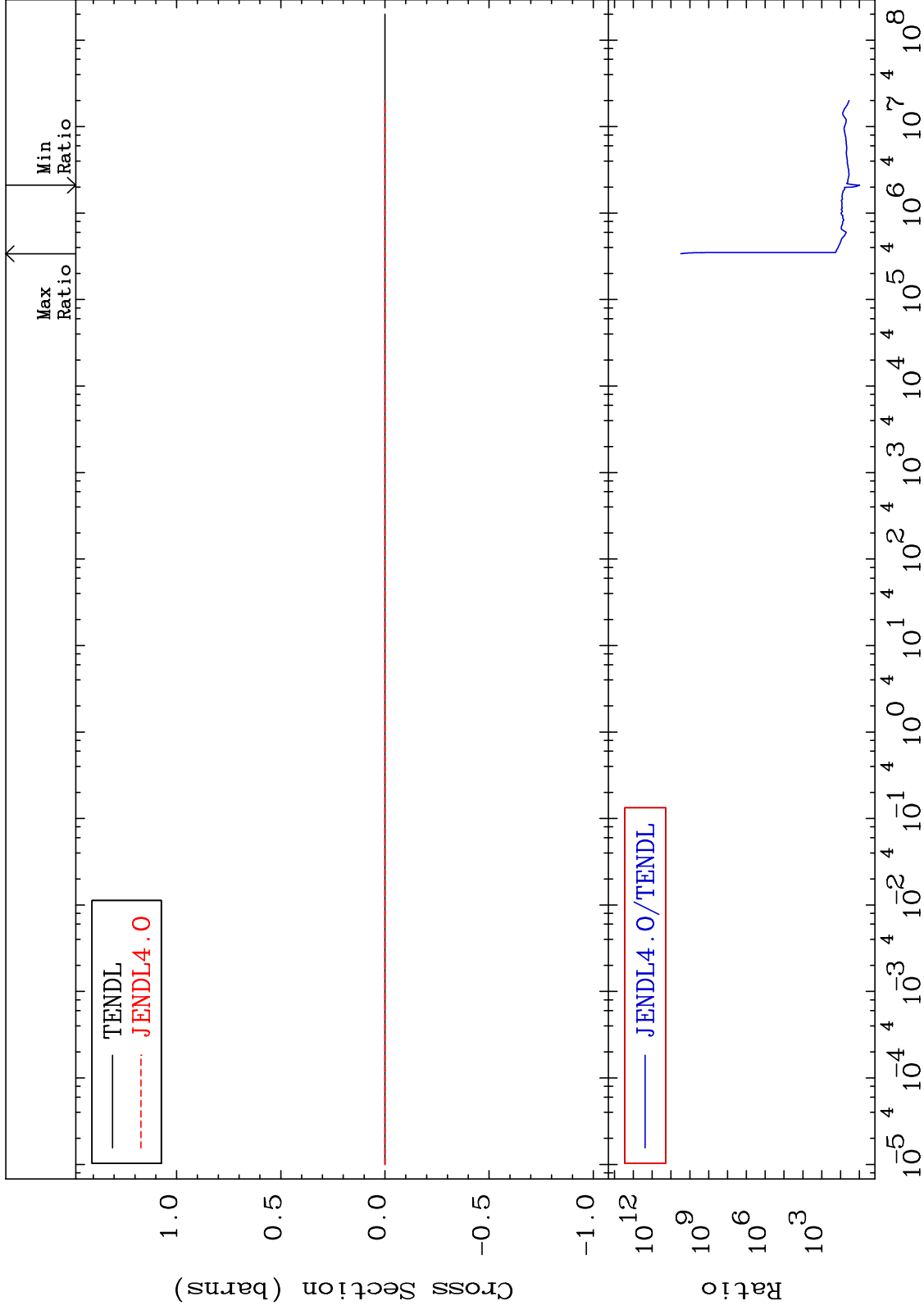




MAT 4931

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

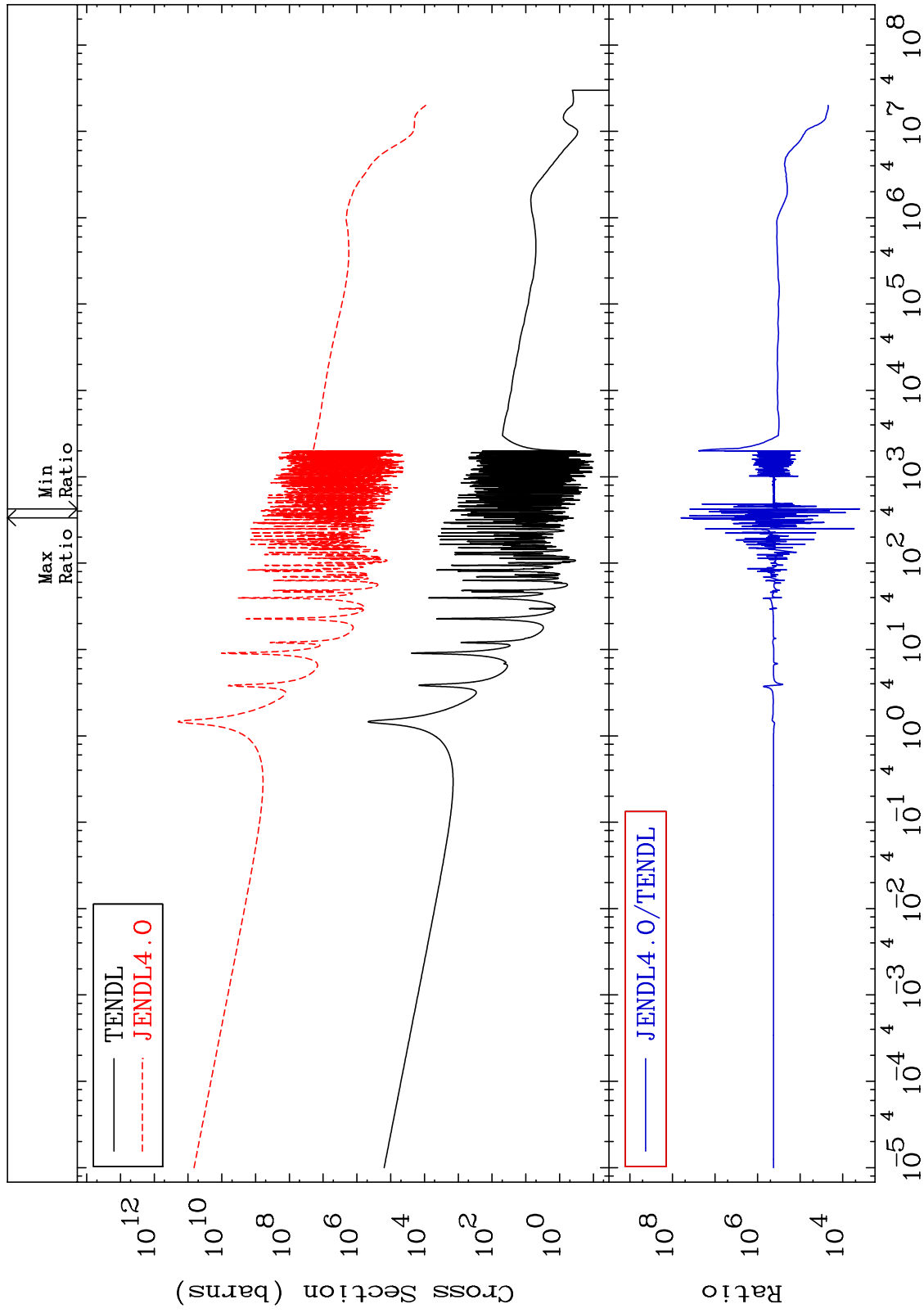
49-In-115
871.6 To 9999. %



MAT 4931

Kerma capture (mt102)
Cross Section

49-In-115
9999. To 9999. %



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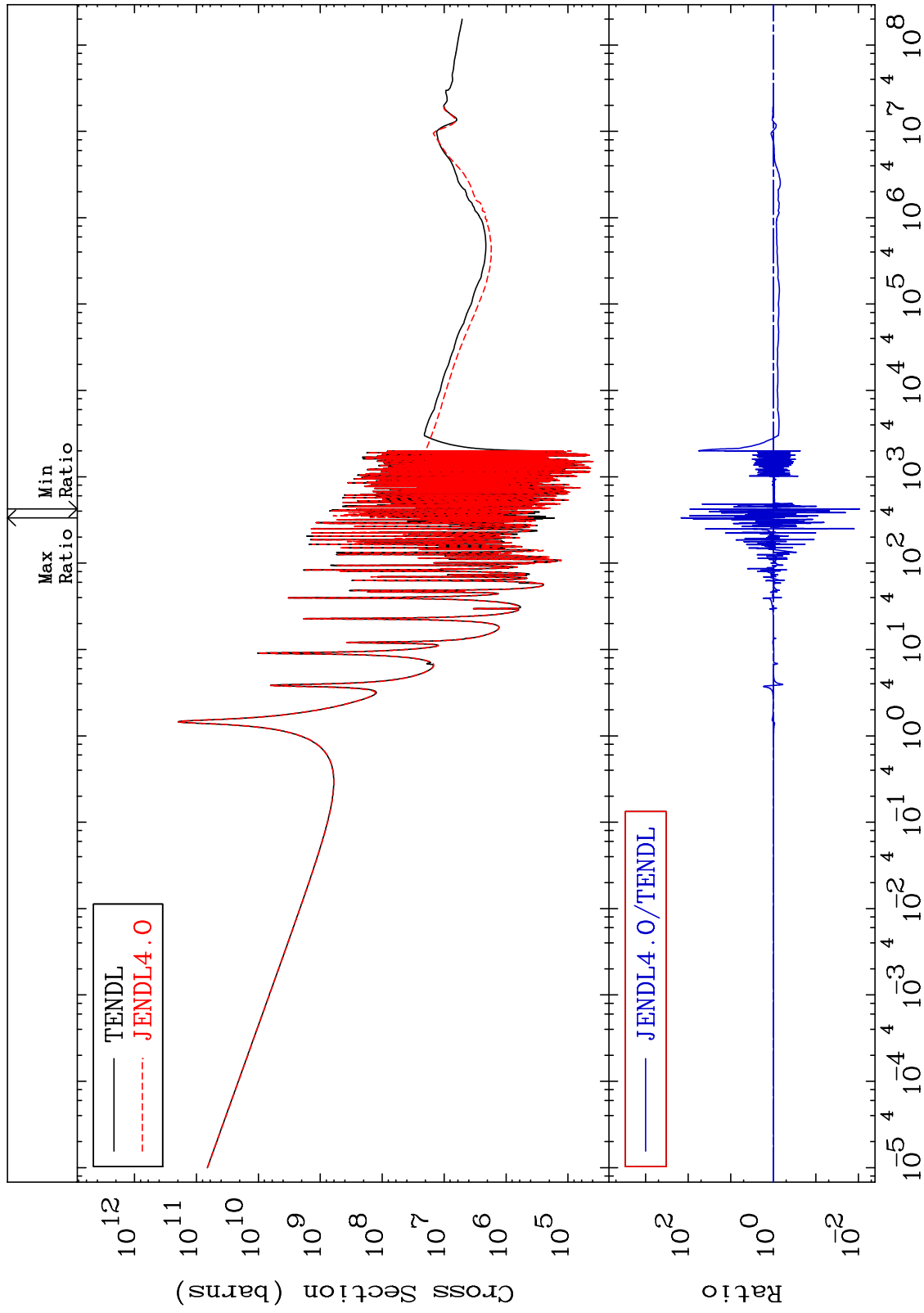
Incident Energy (eV)

49-In-115

MAT 4931

Total photon (eV-barns)
Cross Section

49-In-115
-99.07 To 9999. %

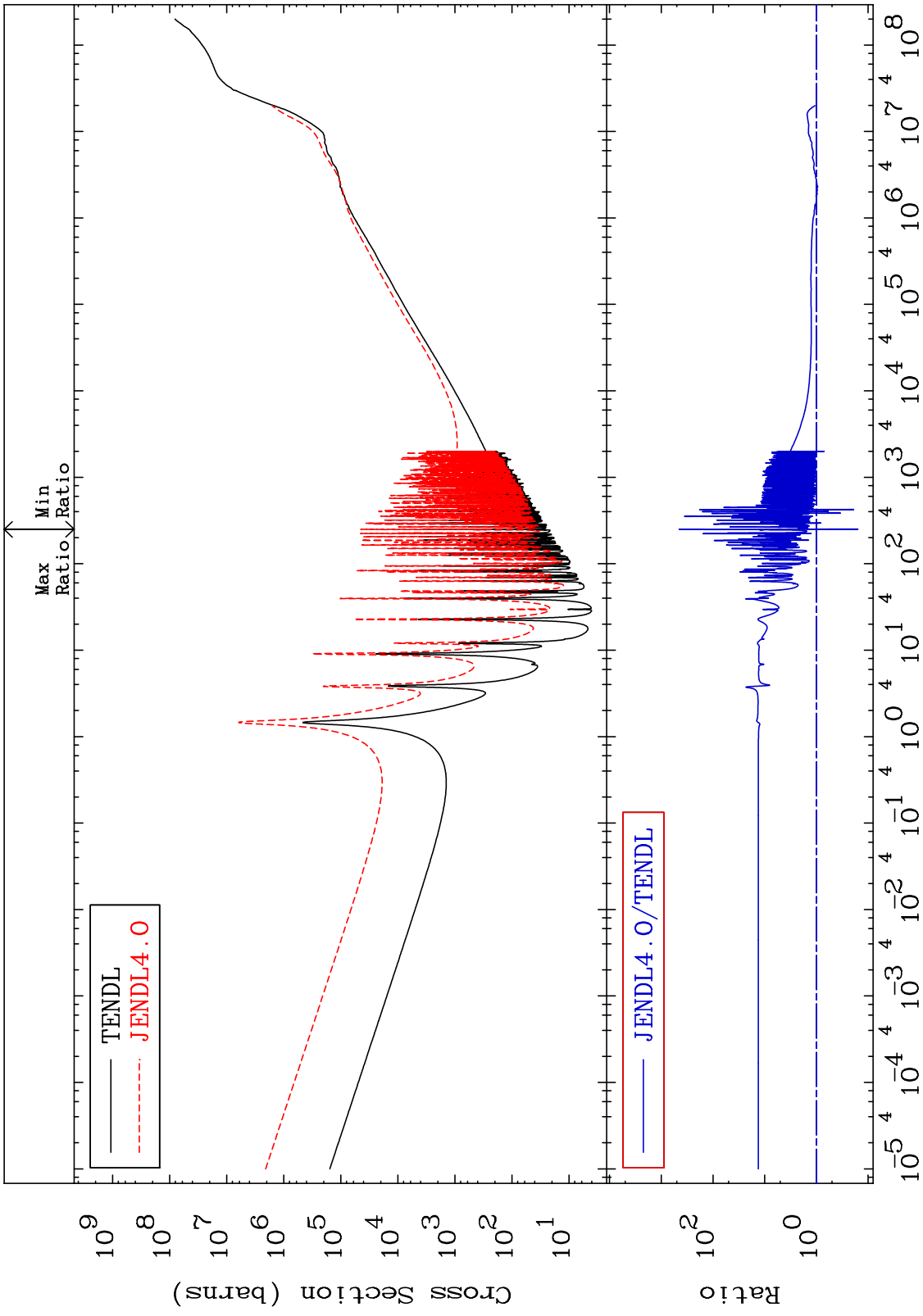


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Incident Energy (eV)

49-In-115

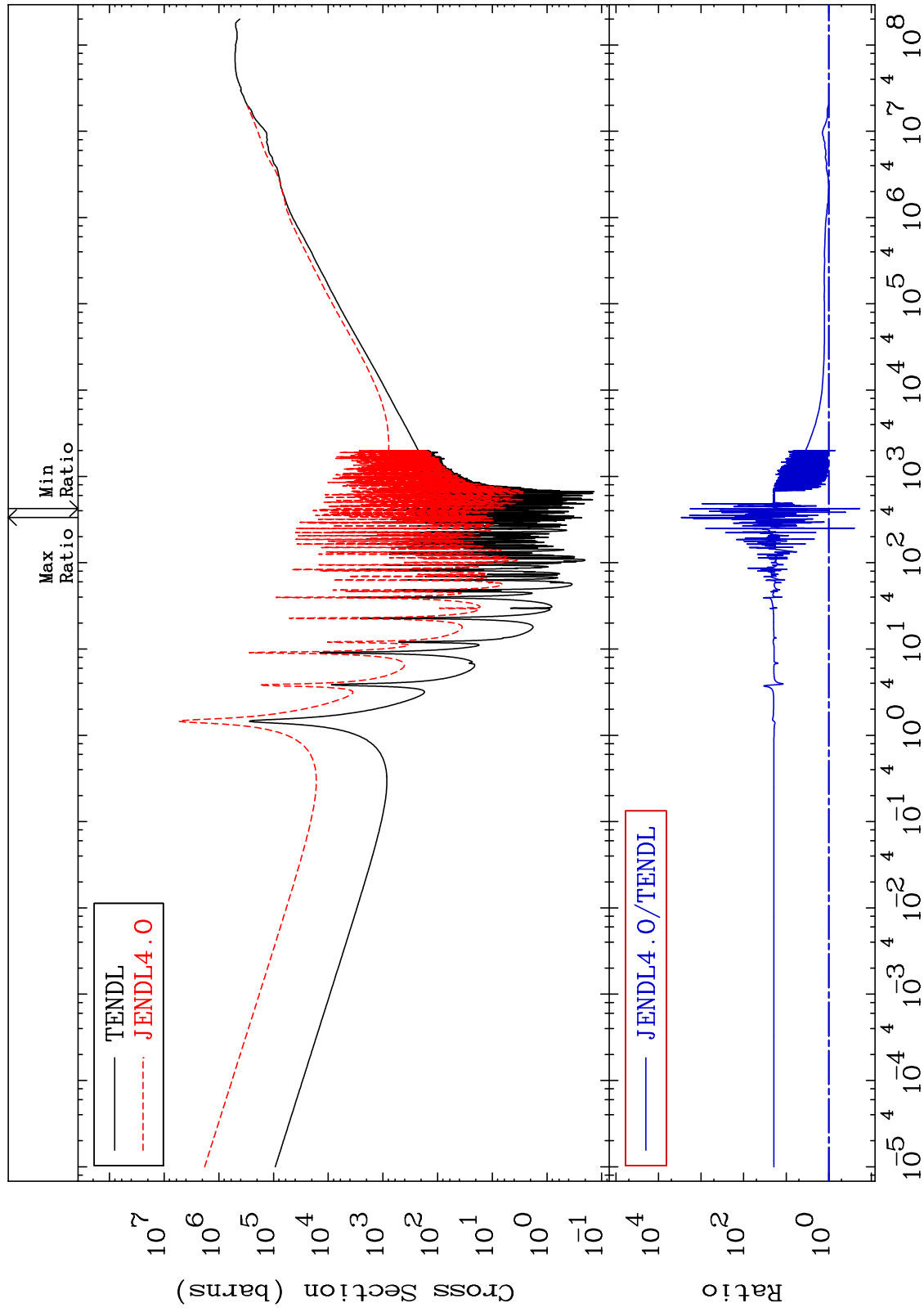
MAT 4931 Total kinematic kerma (high limit) 49-In-115
 Cross Section -84.19 To 9999. %



MAT 4931

Dpa total (eV-barns)
Cross Section

49-In-115
-81.39 To 9999. %

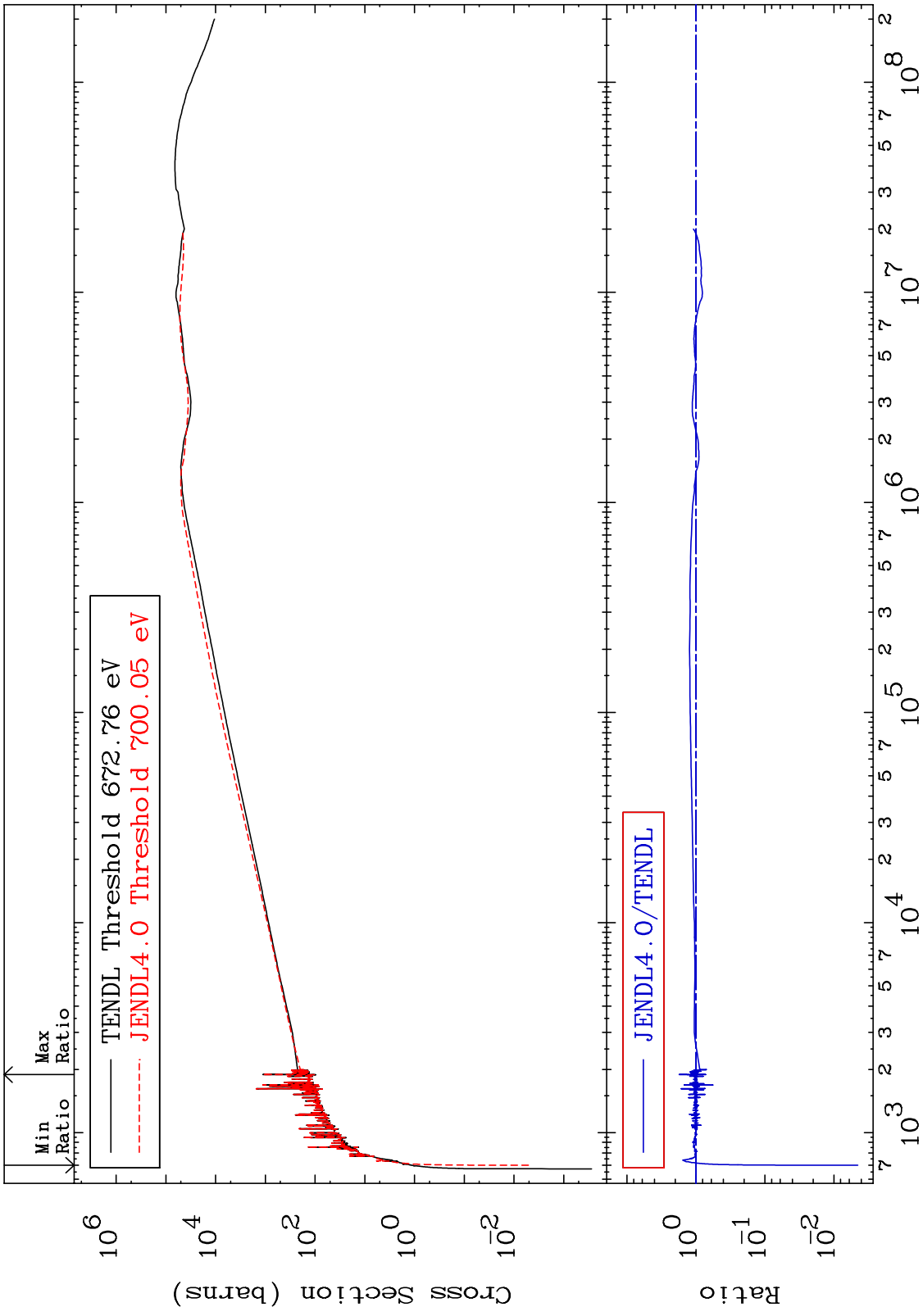


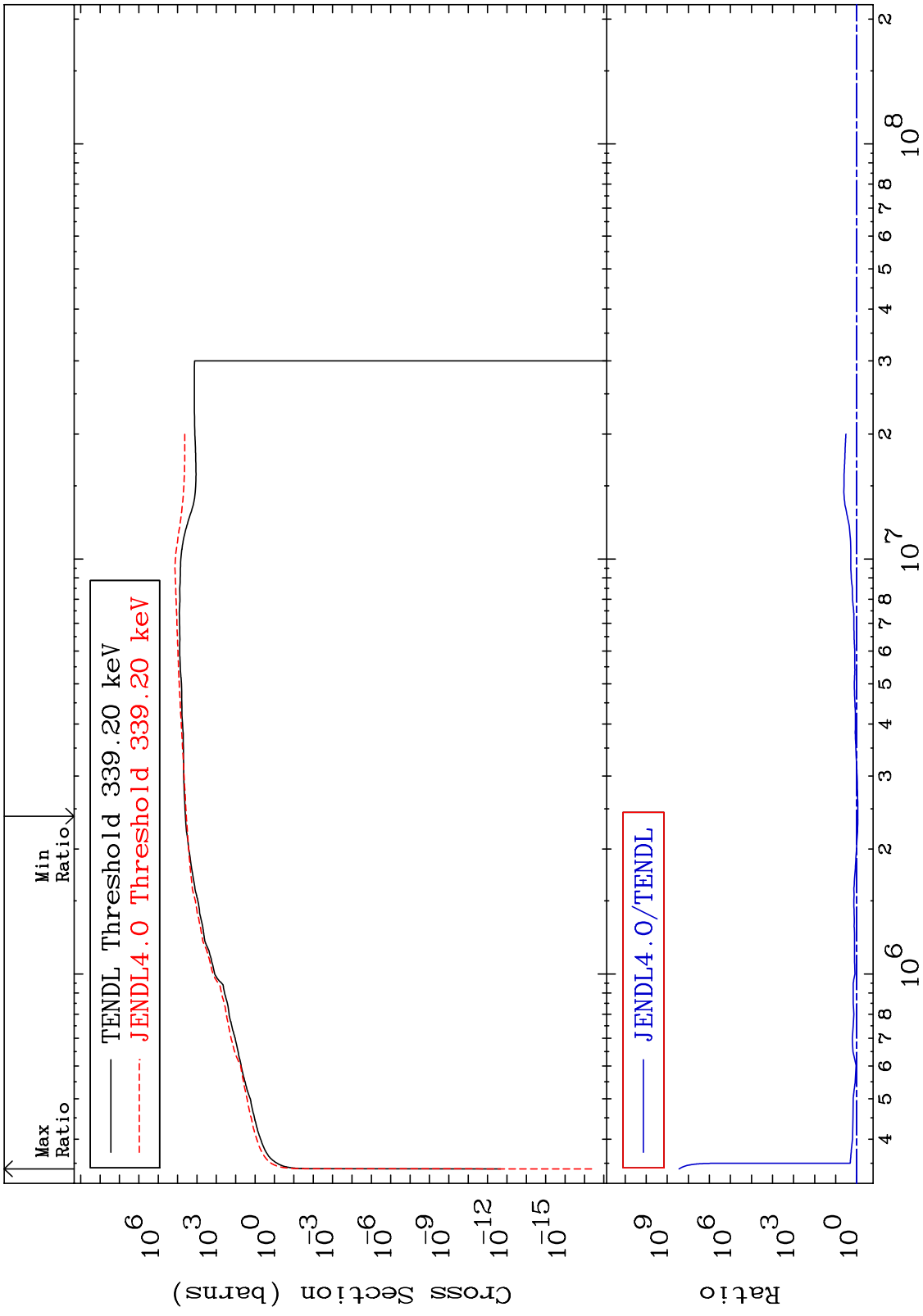
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Incident Energy (eV)

49-In-115

MAT 4931 Dpa elastic (mt2) 49-In-115
Cross Section -99.55 To 75.95 %





MAT 4931

Dpa disappearance (mt102 -120)
Cross Section

49-In-115
-81.39 To 9999. %

