

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

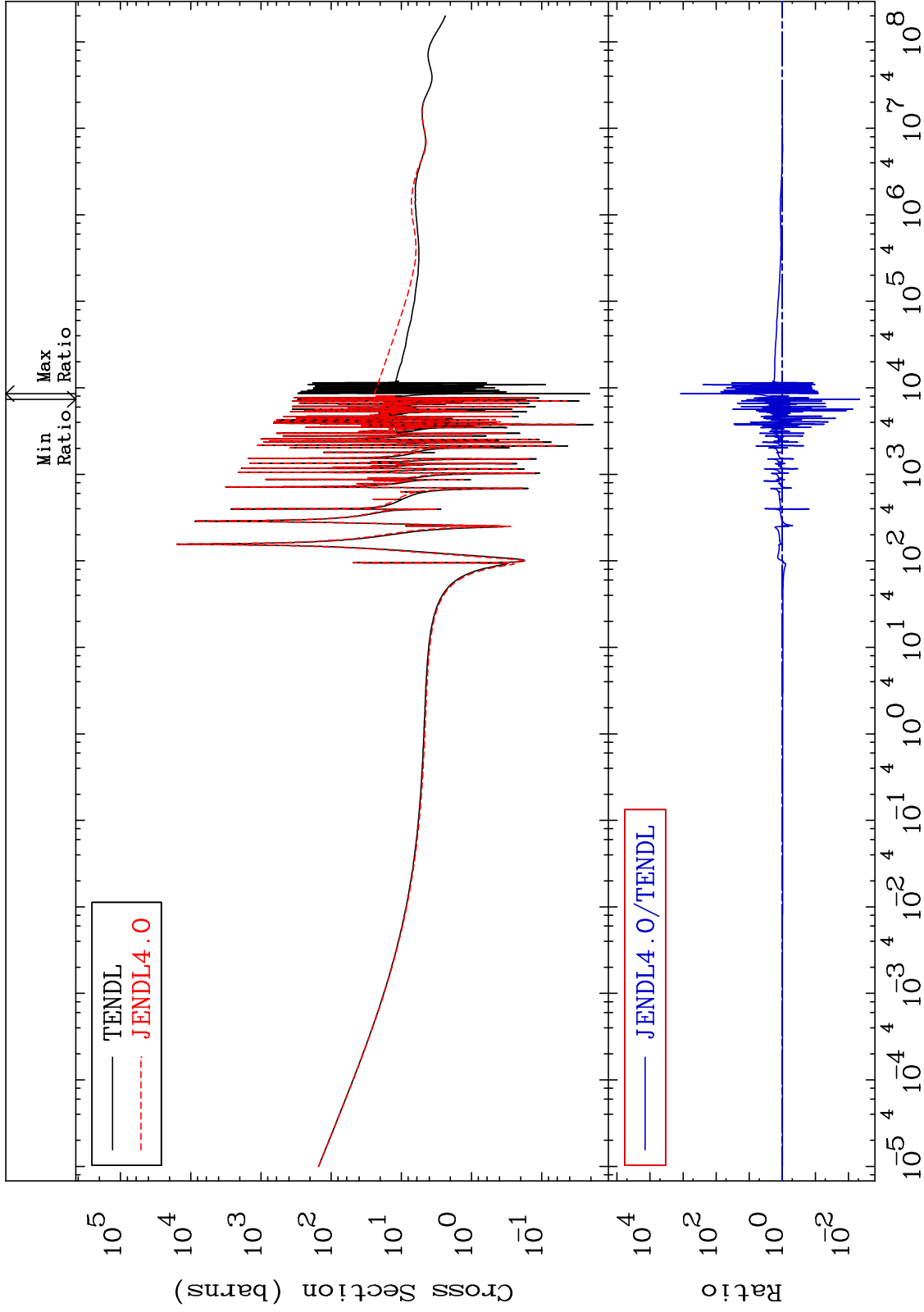
MAT 6043

Total

60-Nd-148

Cross Section

-99.54 To 9999. %

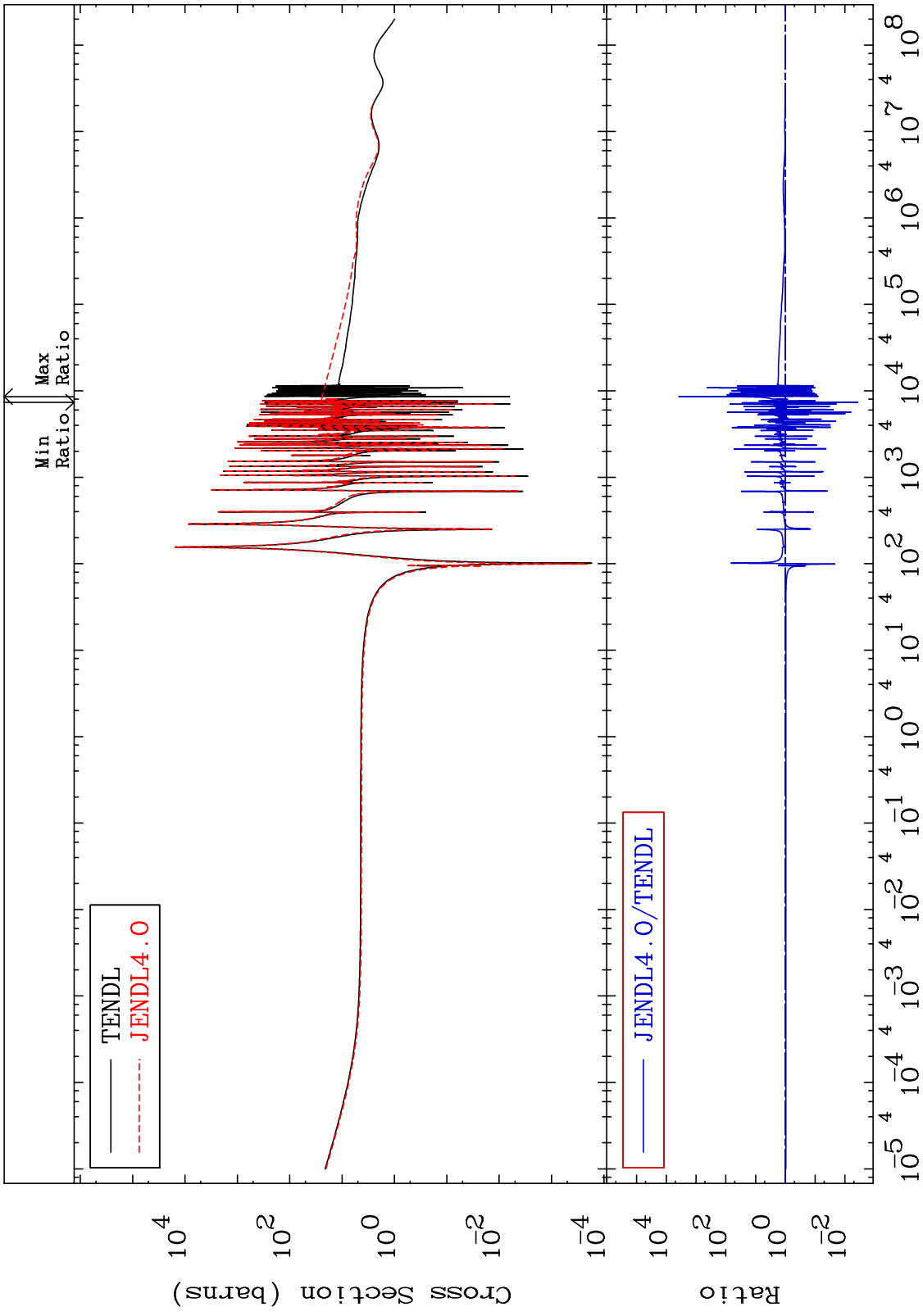


1

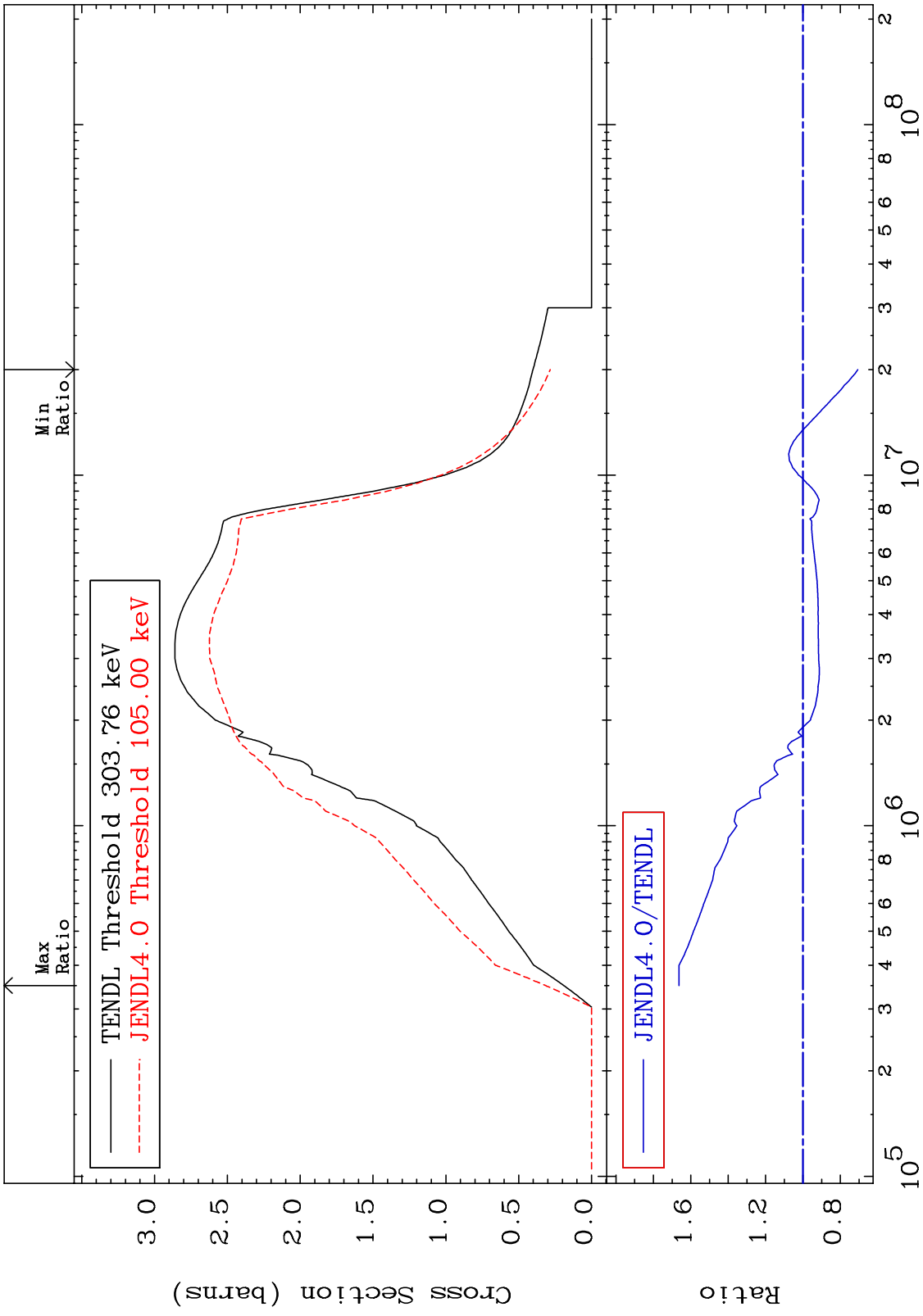
Incident Energy (eV)

60-Nd-148

MAT 6043 Elastic Cross Section 60-Nd-148 -99.63 To 9999. %

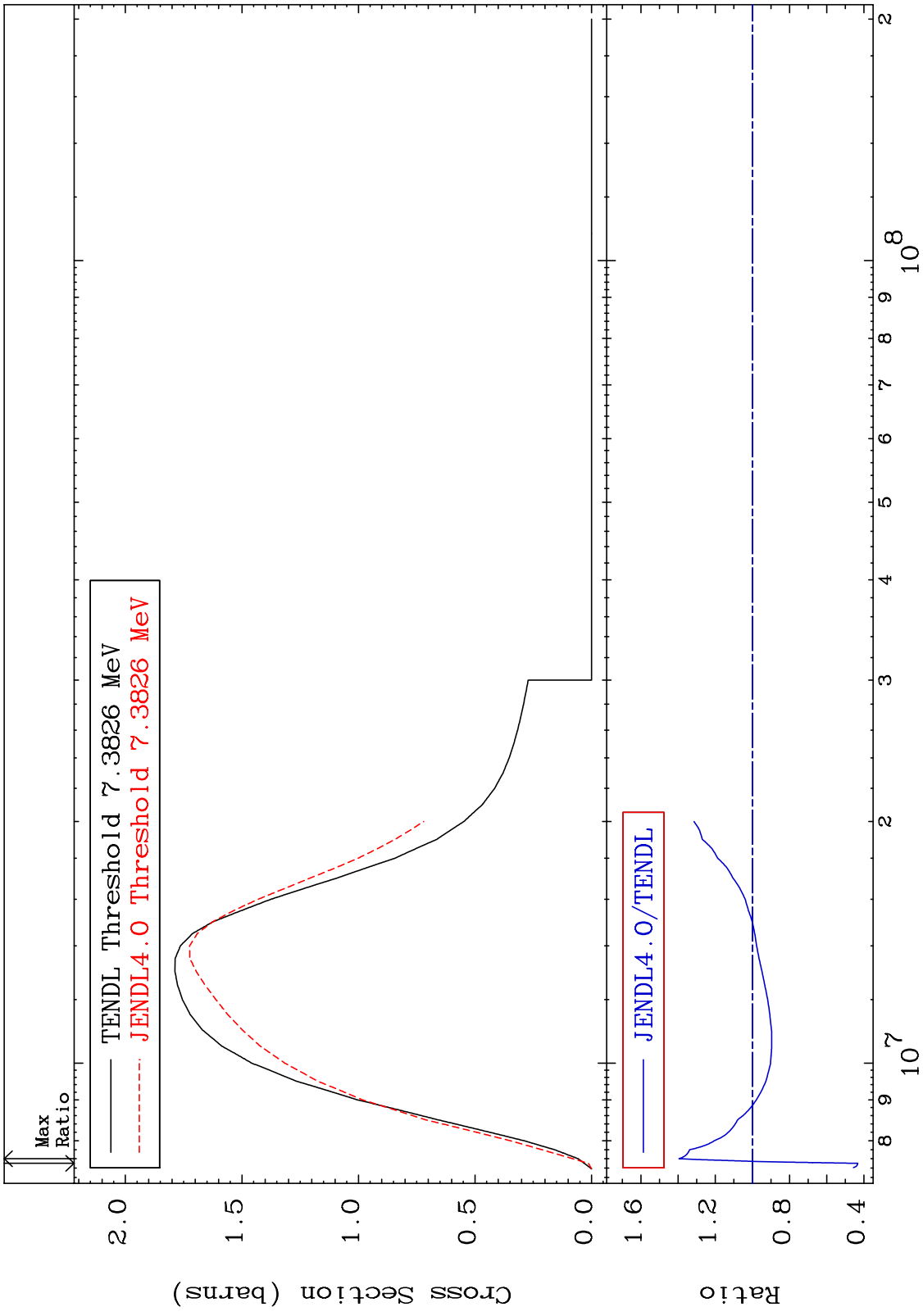


MAT 6043 Inelastic Cross Section 60-Nd-148 -29.34 To 66.29 %

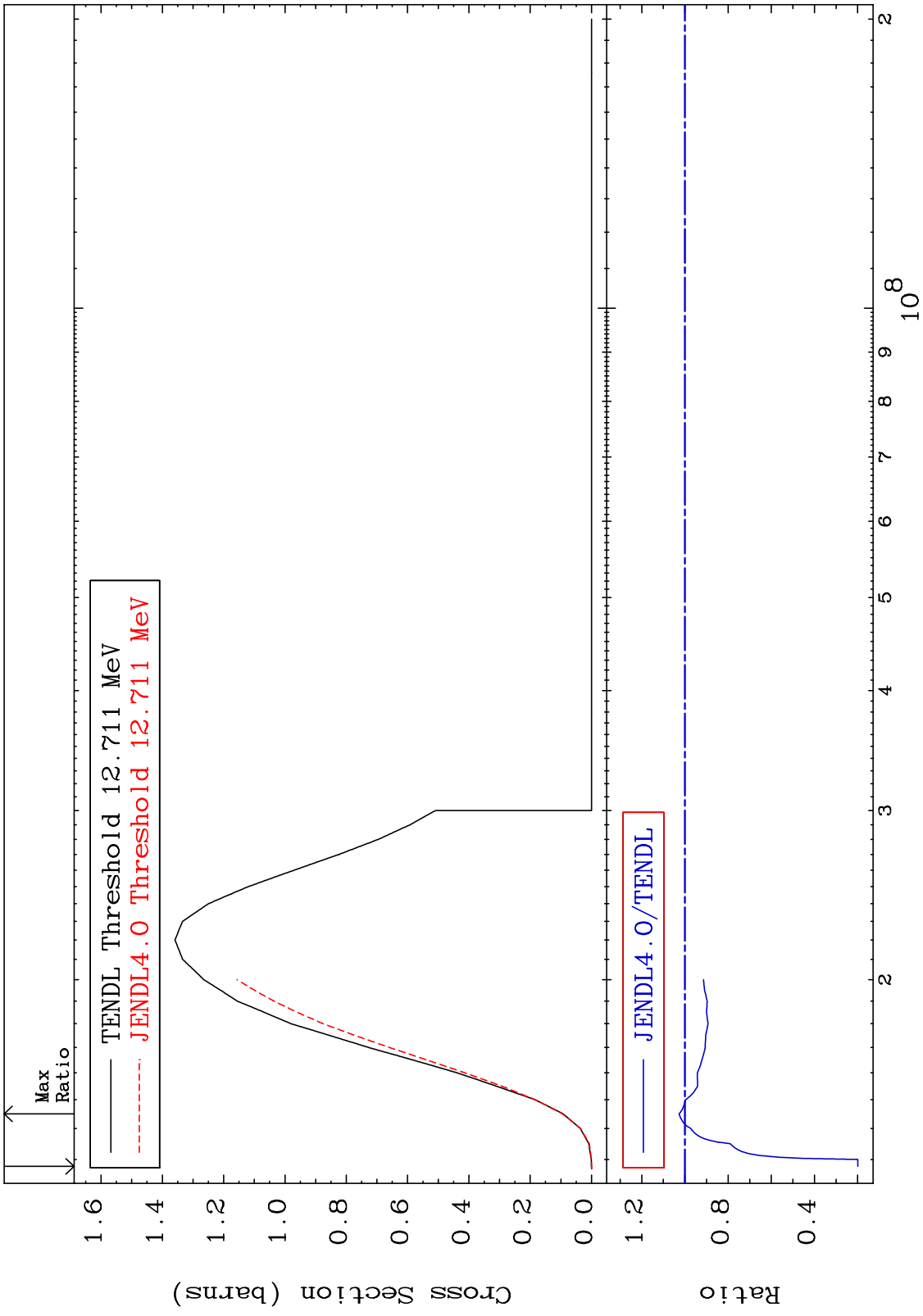


3 Incident Energy (eV) 60-Nd-148

MAT 6043 (n,2n) Cross Section 60-Nd-148 -56.73 To 39.53 %



MAT 6043 (n,3n) Cross Section 60-Nd-148 -80.08 To 2.721 %

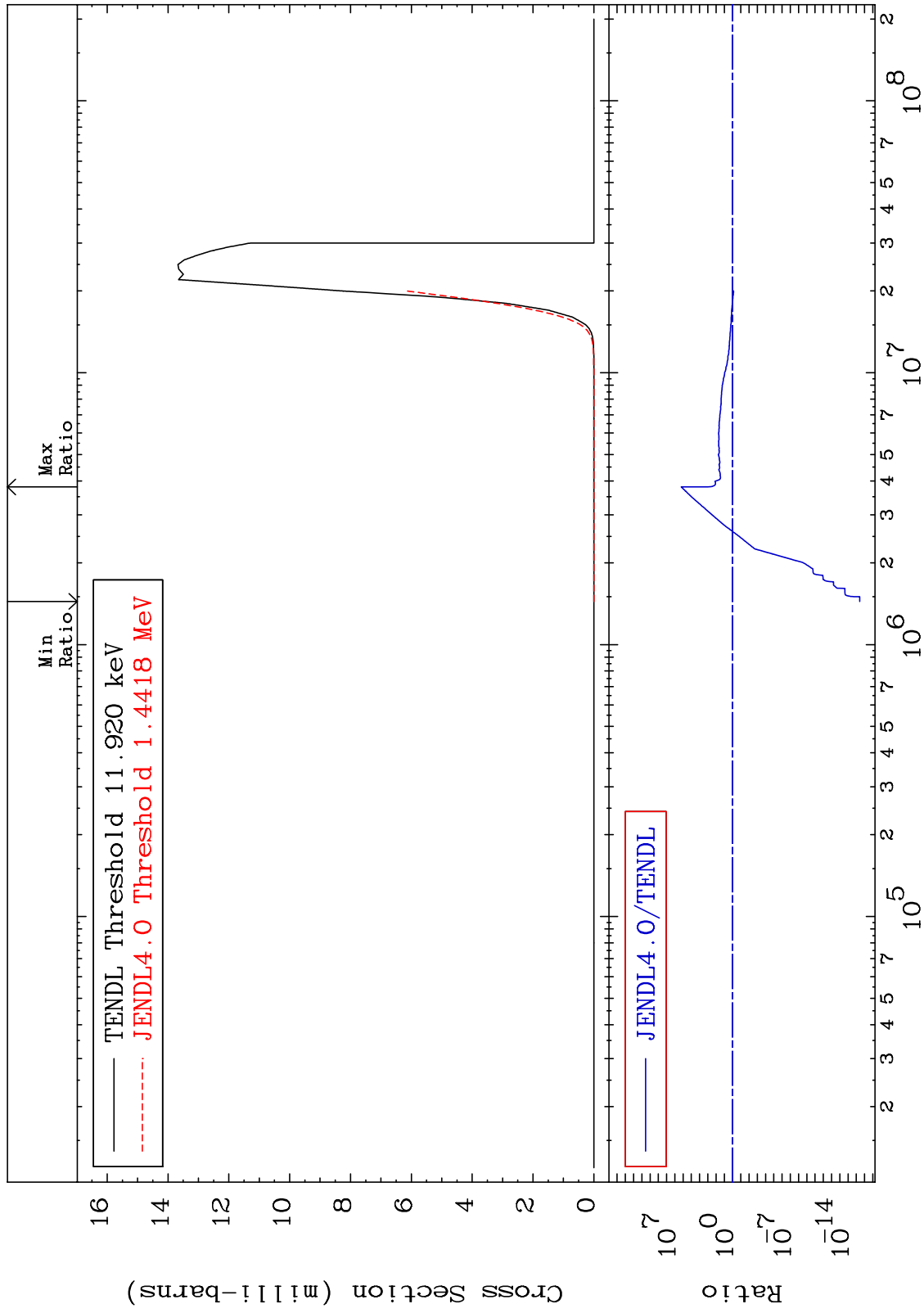


5 Incident Energy (eV) 60-Nd-148

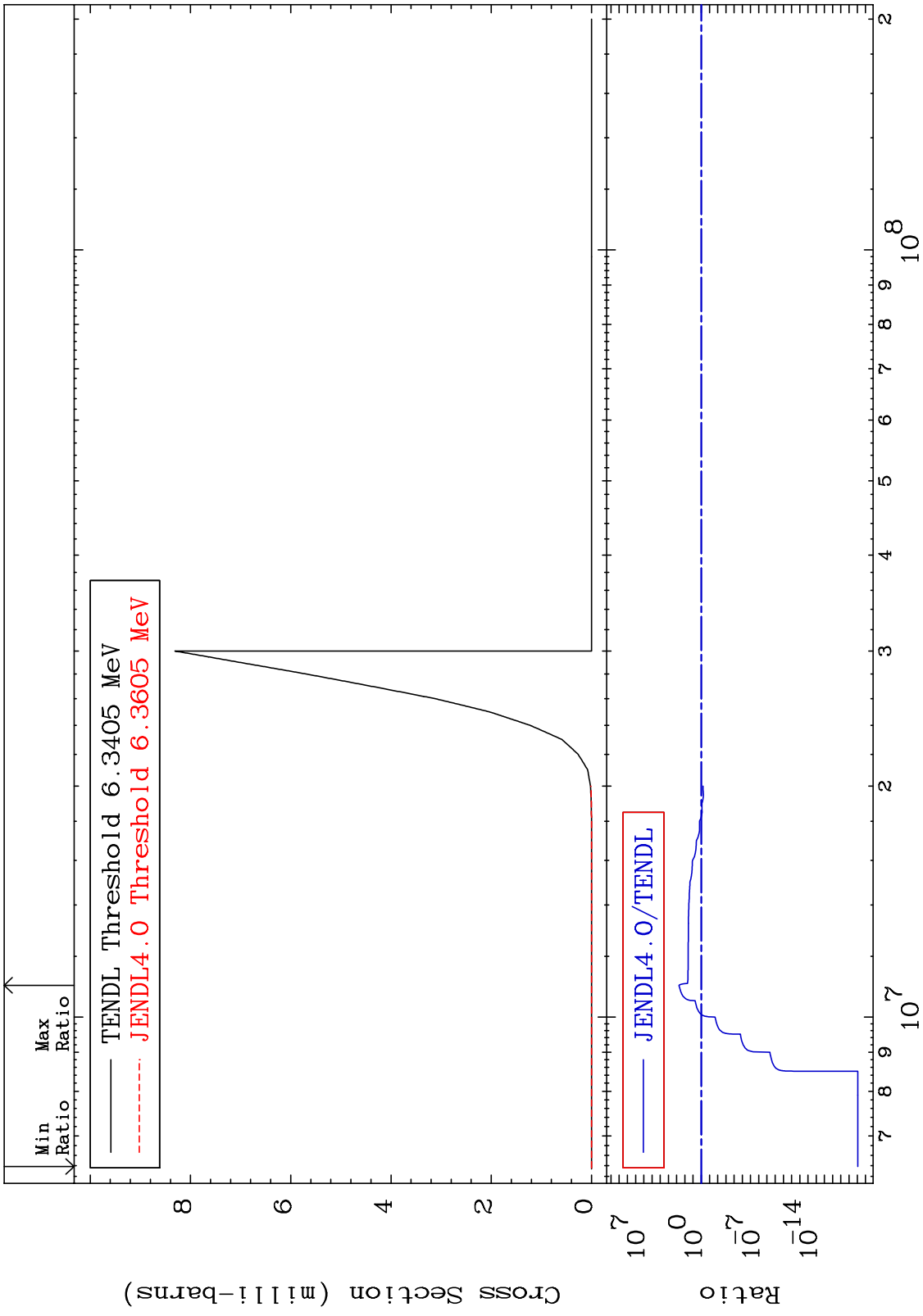
MAT 6043

$(n, n') \alpha$ Cross Section
-100.0 To 9999. %

60-Nd-148

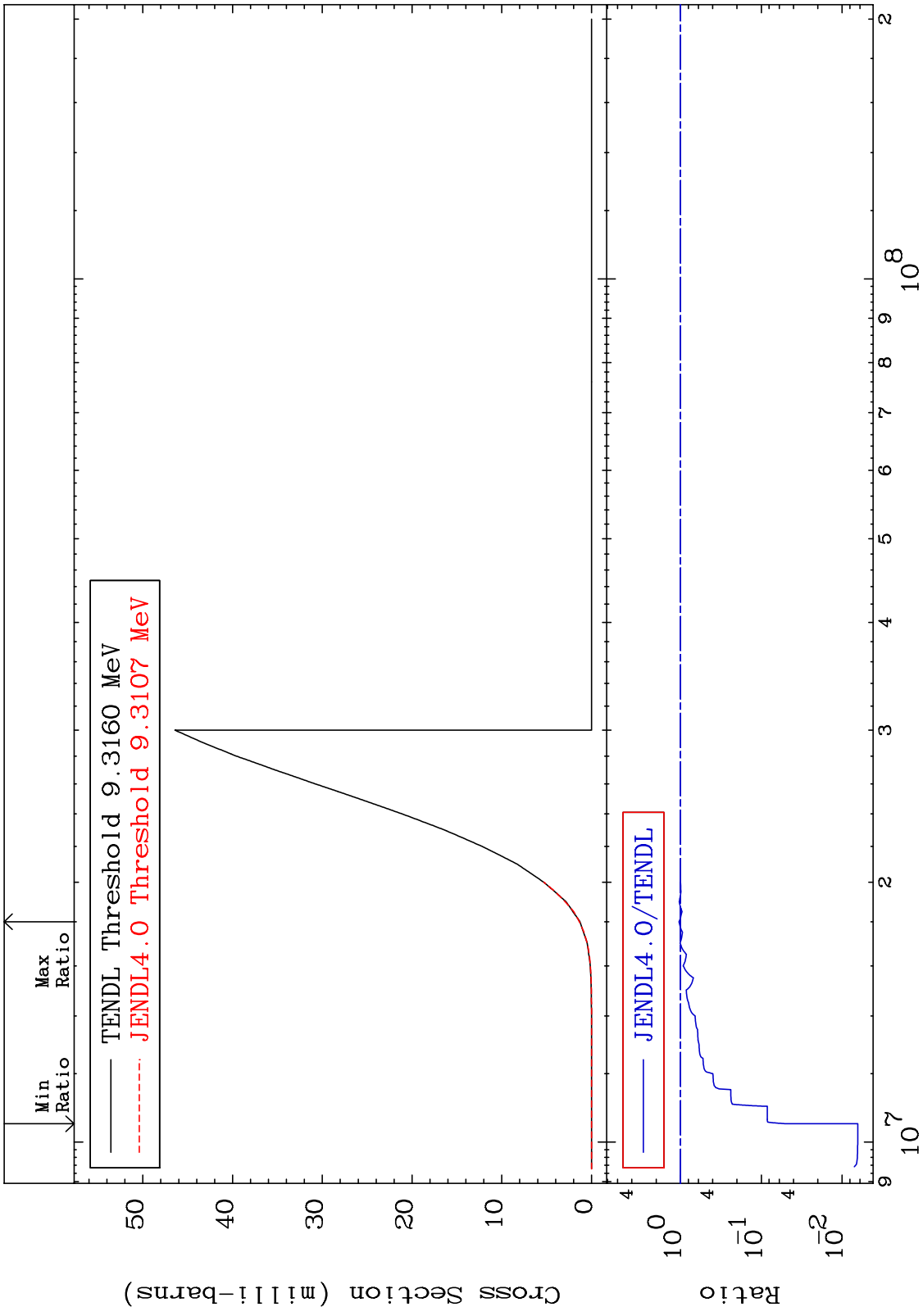


MAT 6043 $(n, 2n) \alpha$ 60-Nd-148
 Cross Section -100.0 To 9999. %



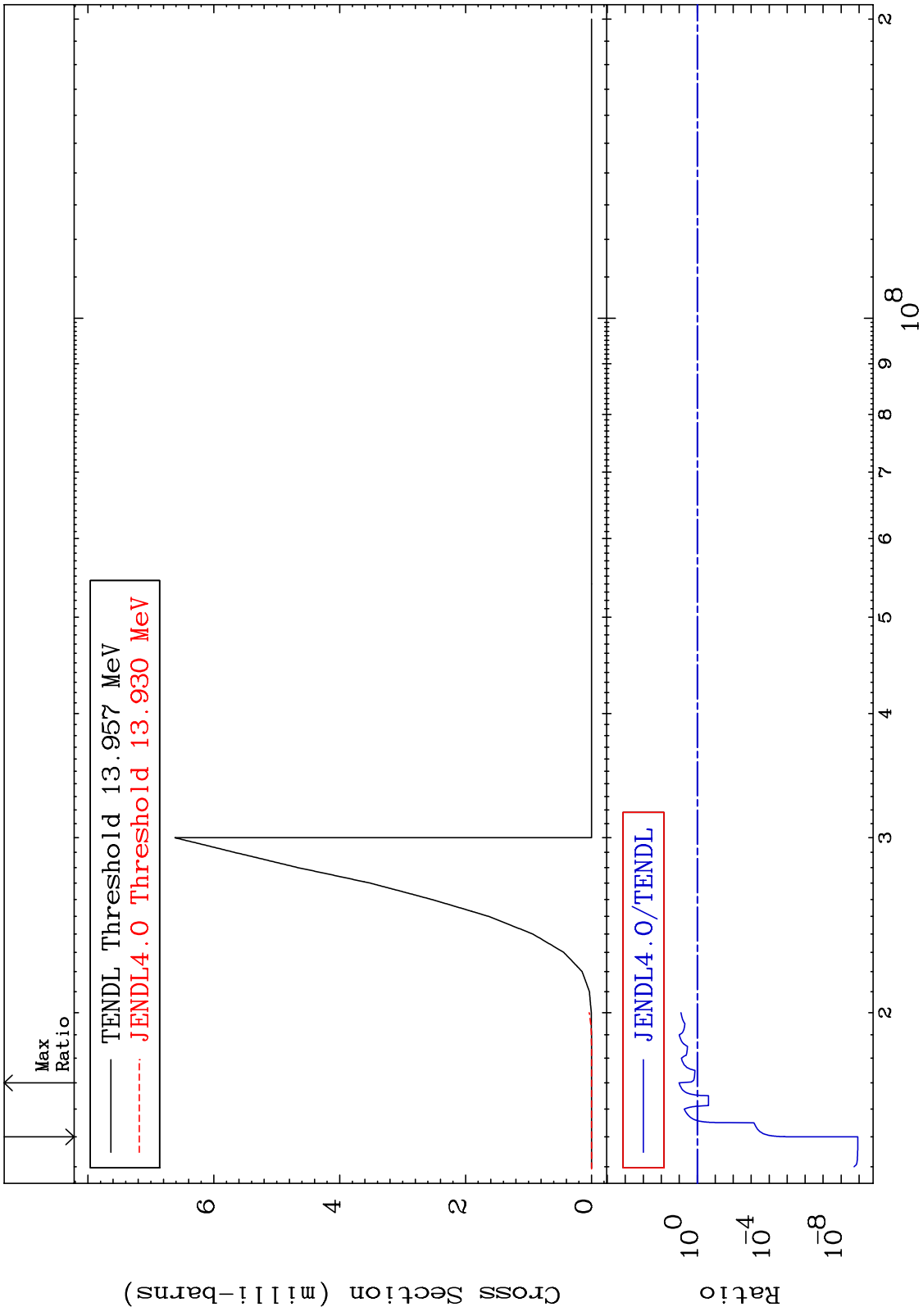
60-Nd-148 Incident Energy (eV) 60-Nd-148

MAT 6043 60-Nd-148
-99.36 To 4.131 %
 (n,n') p
 Cross Section

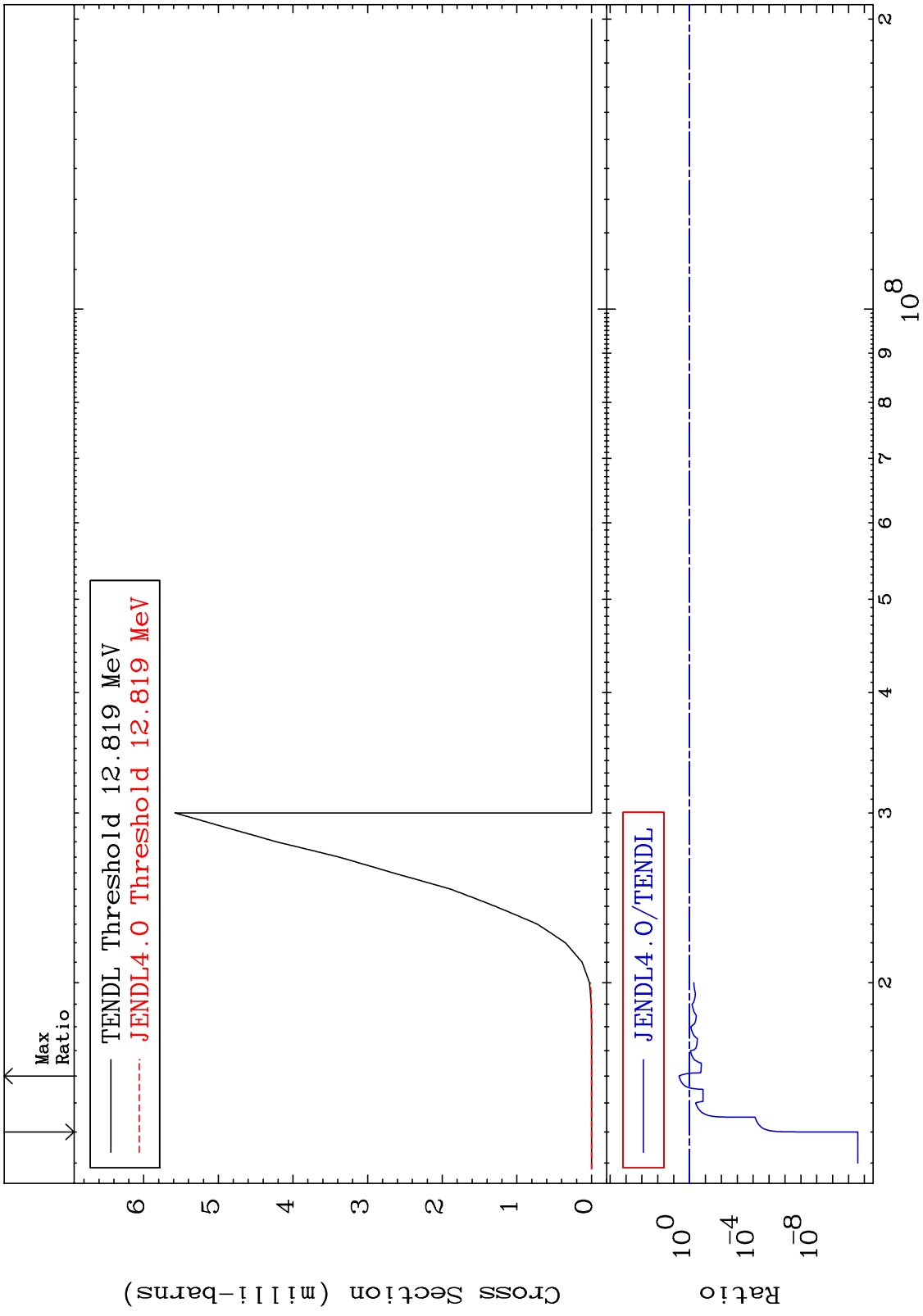


8 10⁷ 10⁸ 2
 Incident Energy (eV) 60-Nd-148

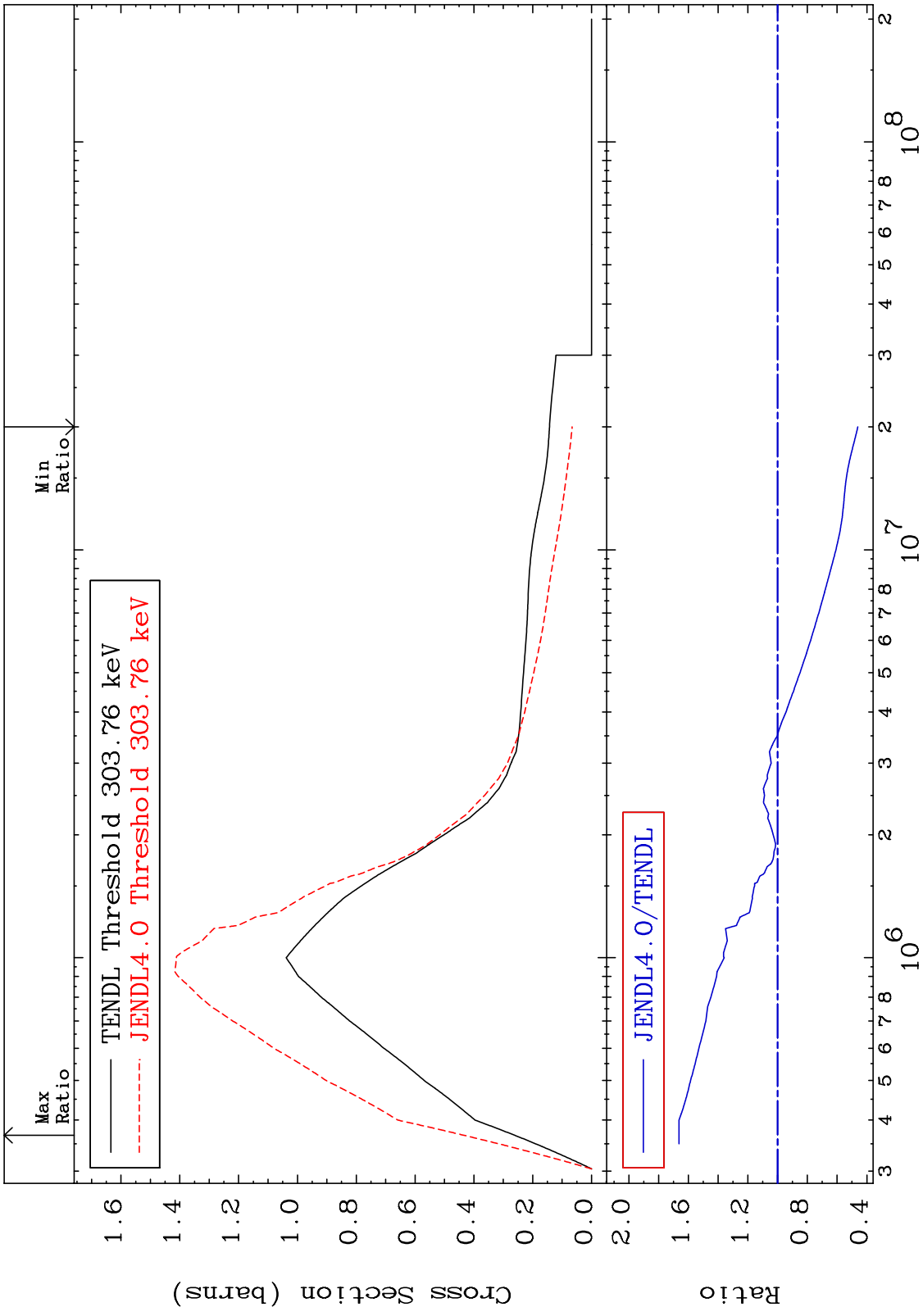
MAT 6043 (n,n') d 60-Nd-148
 Cross Section -100.0 To 926.2 %



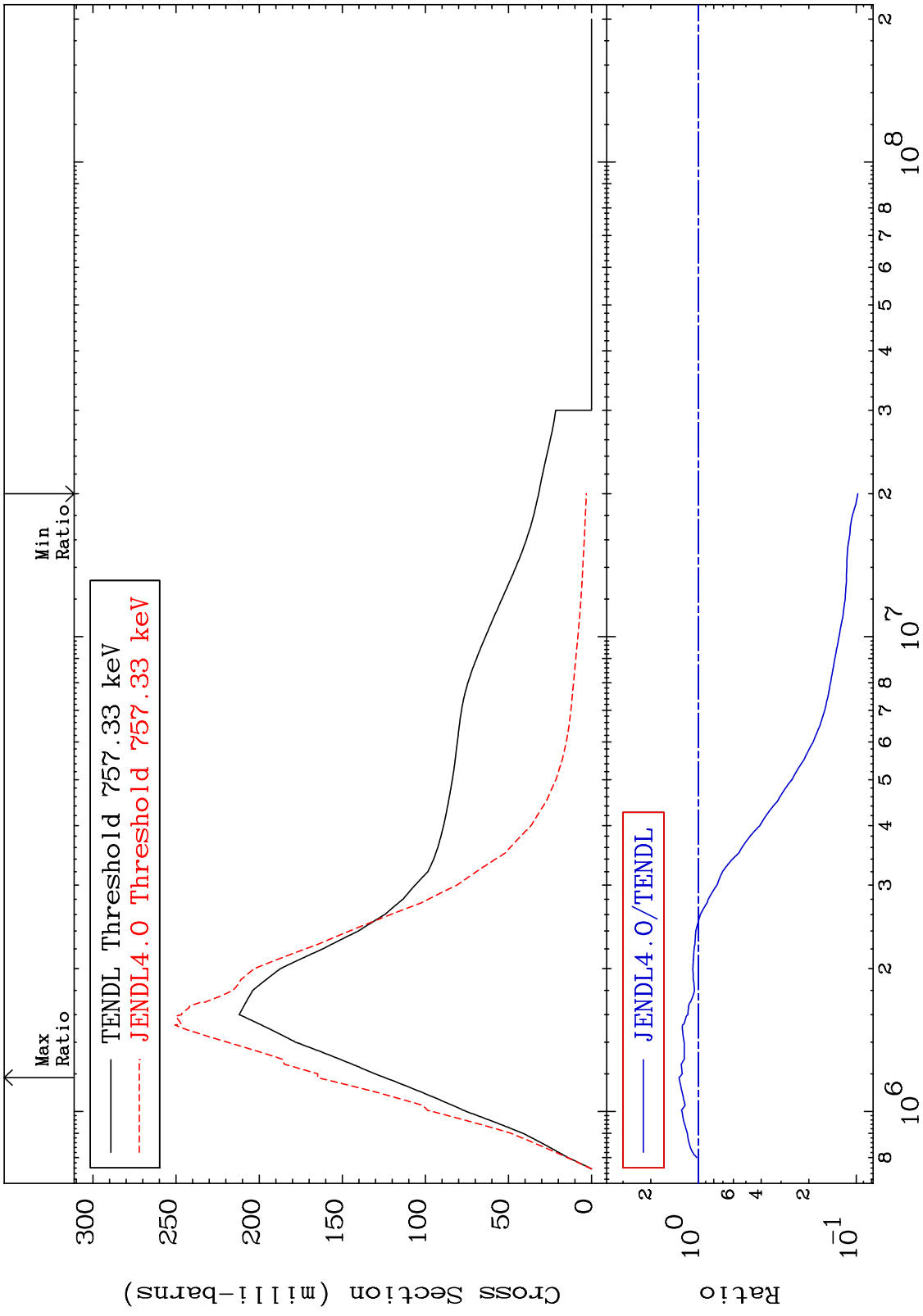
MAT 6043 (n,n') t 60-Nd-148
 Cross Section -100.0 To 359.1 %



MAT 6043 MT= 51 (n,n') Level Cross Section 60-Nd-148
 -53.93 To 66.25 %

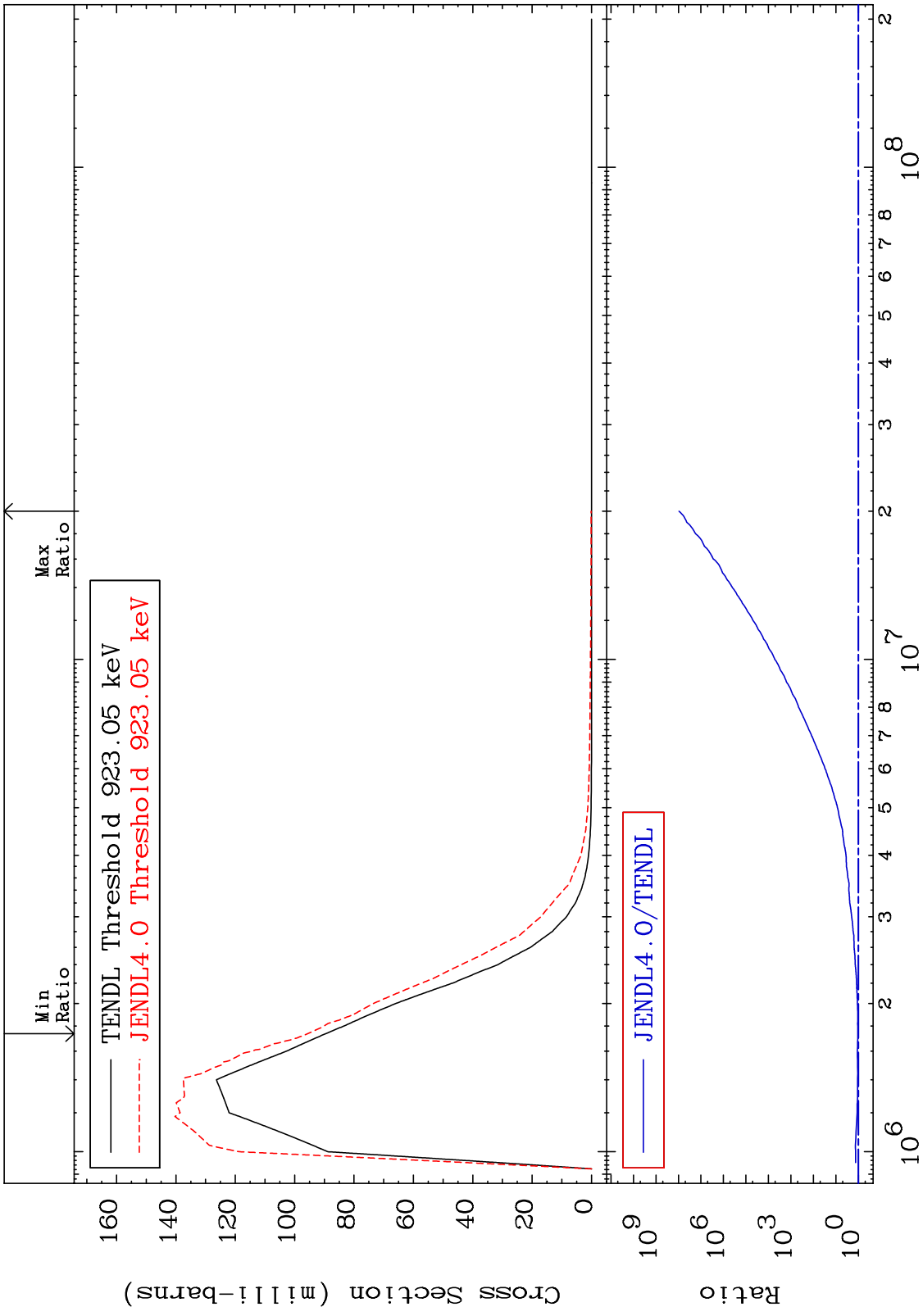


MAT 6043 MT= 52 (n,n') Level Cross Section 60-Nd-148
-90.22 To 32.58 %



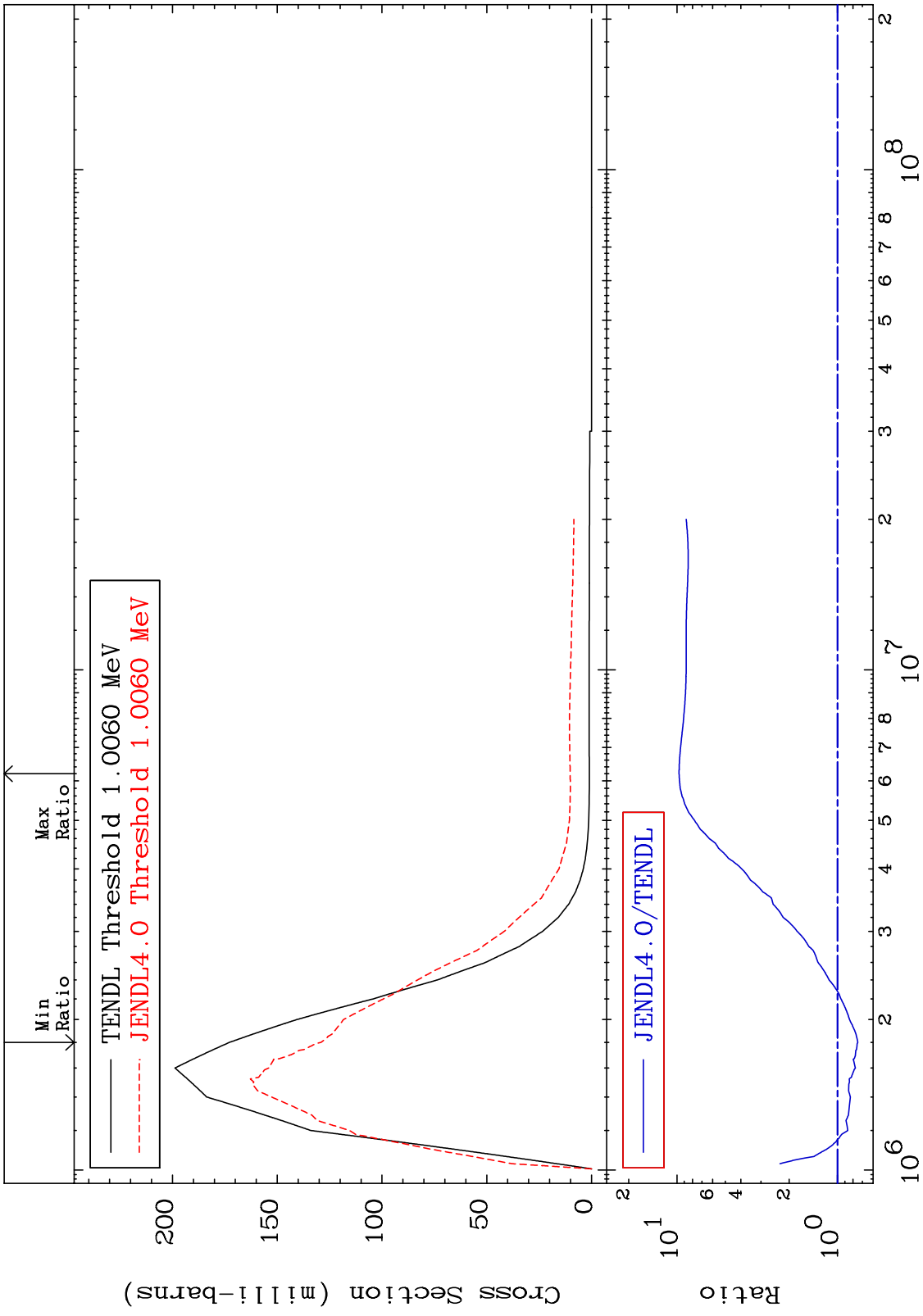
12 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 53 (n,n') Level Cross Section 60-Nd-148 To 9999. %
 6.770



13 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 54 (n,n') Level Cross Section 60-Nd-148
 -25.29 To 870.4 %

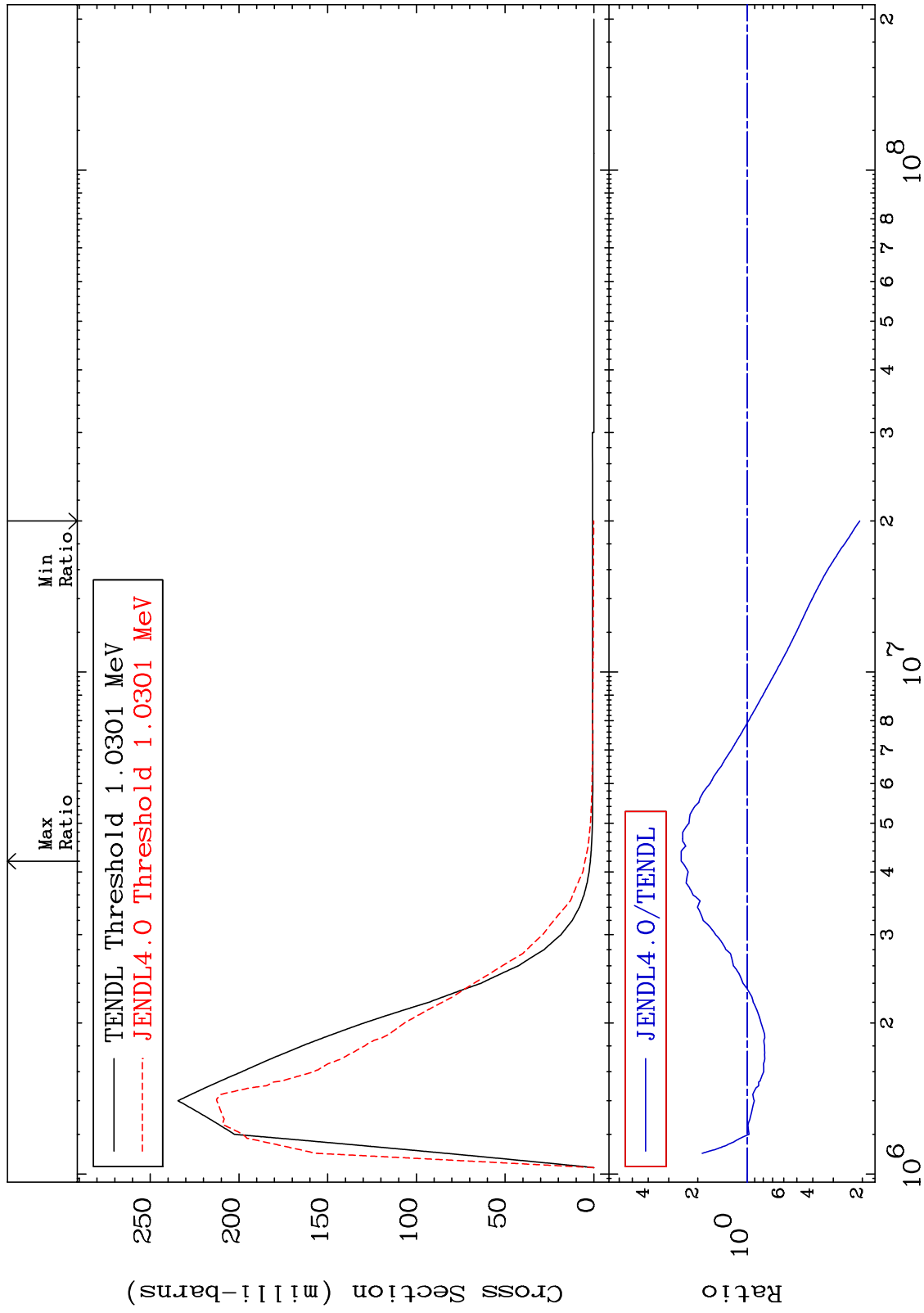


14 Incident Energy (eV) 60-Nd-148

MAT 6043

MT= 55 (n,n') Level
Cross Section

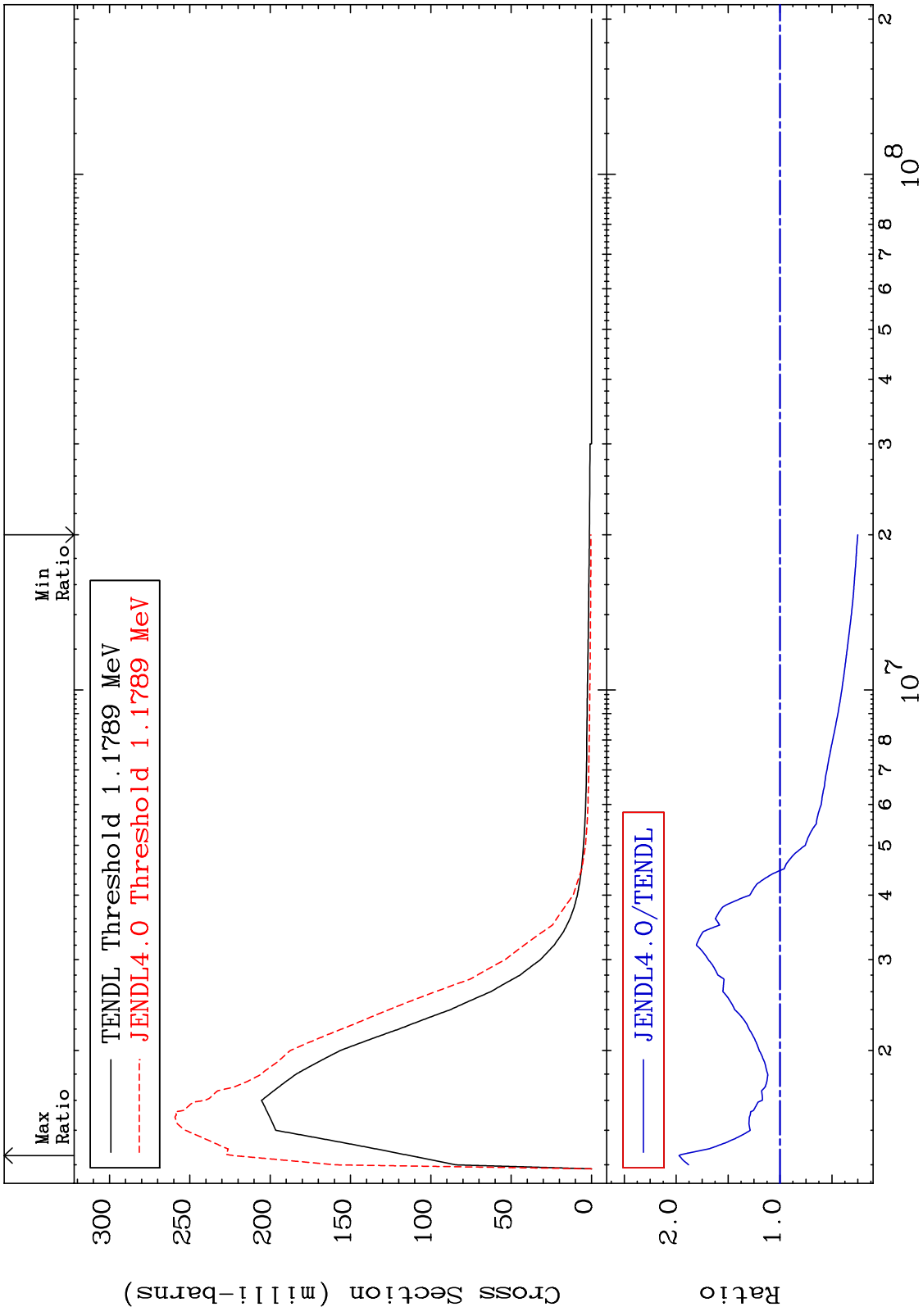
60-Nd-148
-79.29 To 151.7 %



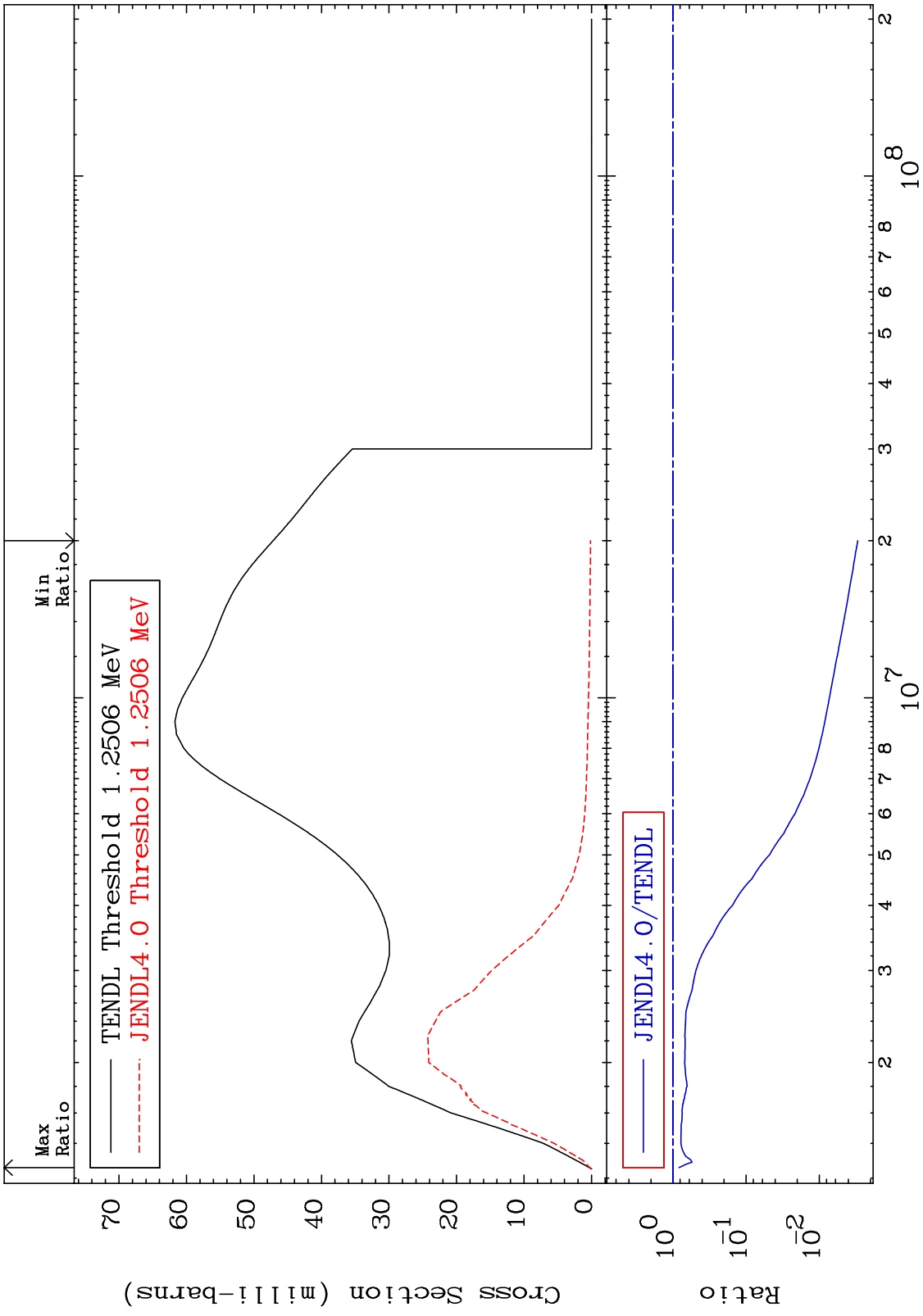
15

60-Nd-148

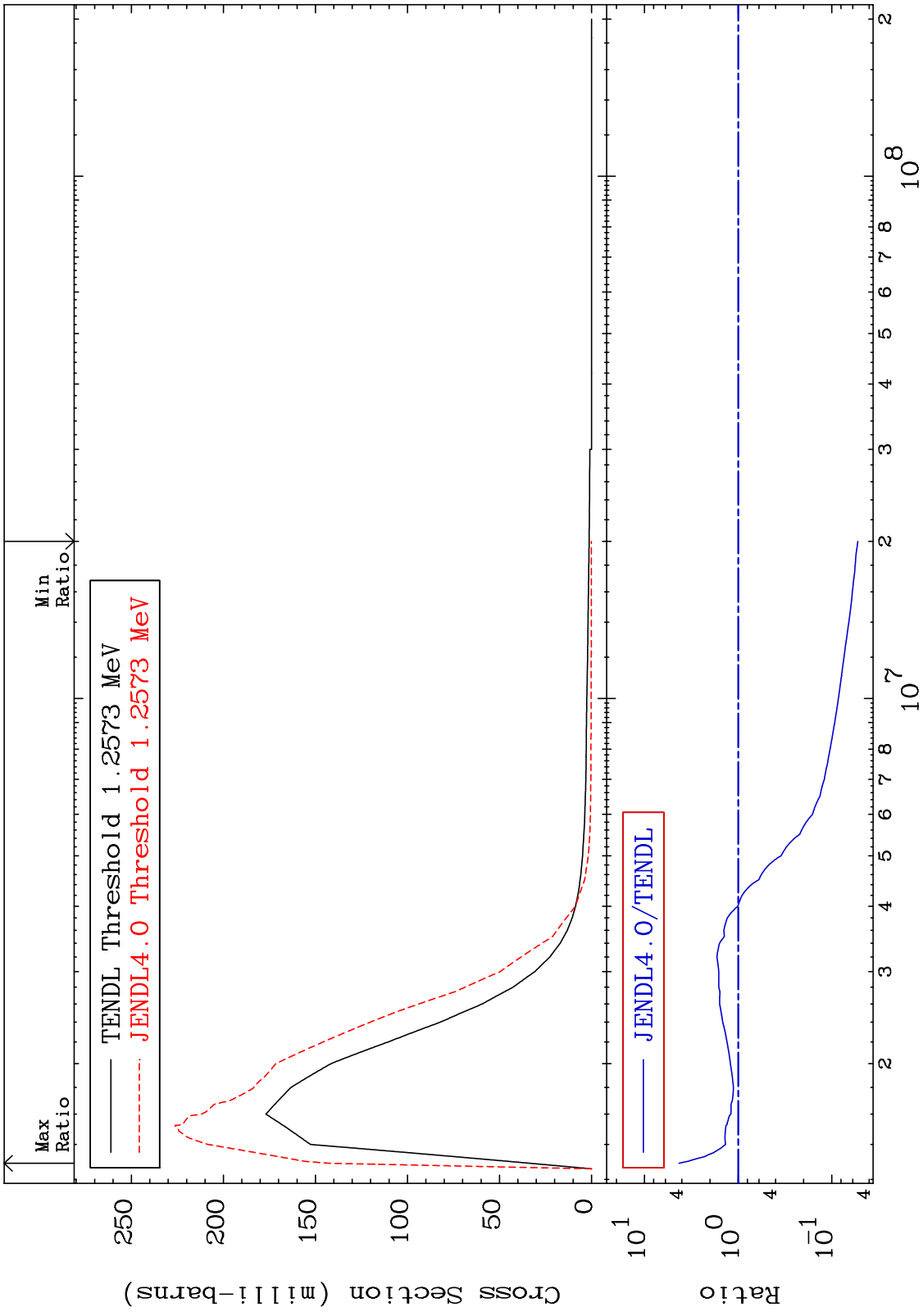
MAT 6043 MT= 56 (n,n') Level Cross Section 60-Nd-148 -74.97 To 97.21 %



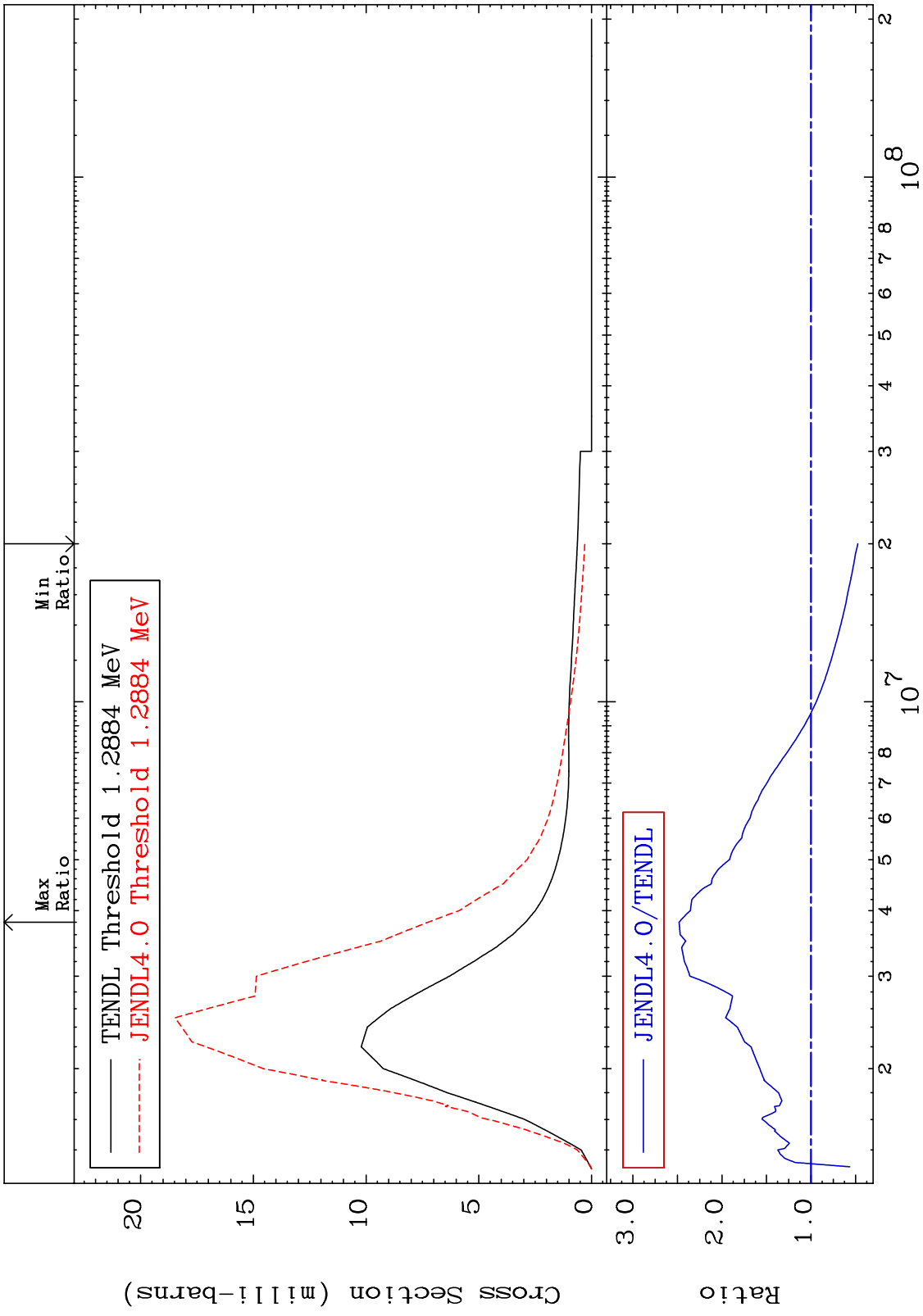
MAT 6043 MT= 57 (n,n') Level Cross Section 60-Nd-148
 -99.70 To -17.49%



MAT 6043 MT= 58 (n,n') Level Cross Section 60-Nd-148
 -94.72 To 328.3 %



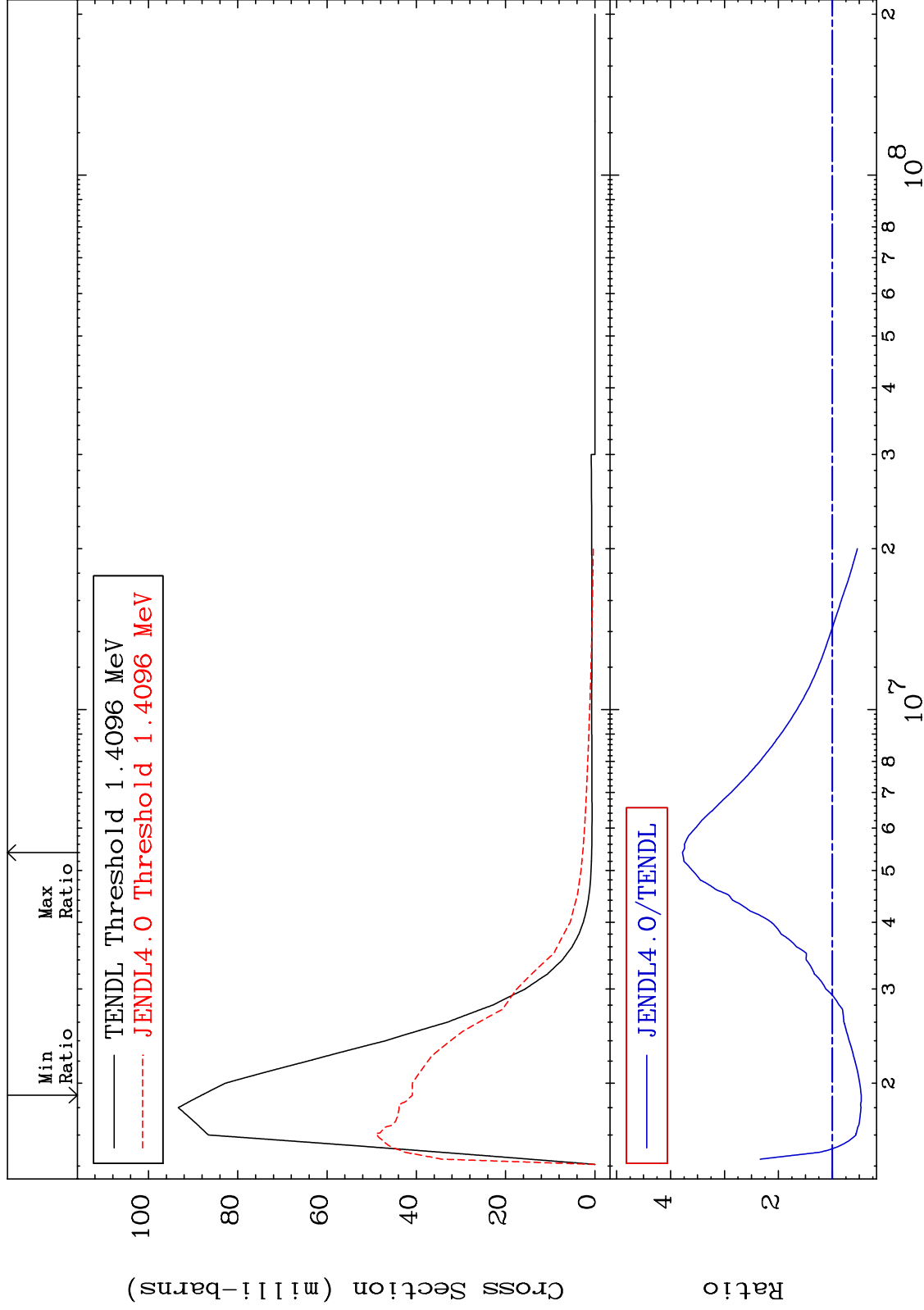
MAT 6043 MT= 59 (n,n') Level Cross Section 60-Nd-148
 -52.53 To 148.2 %



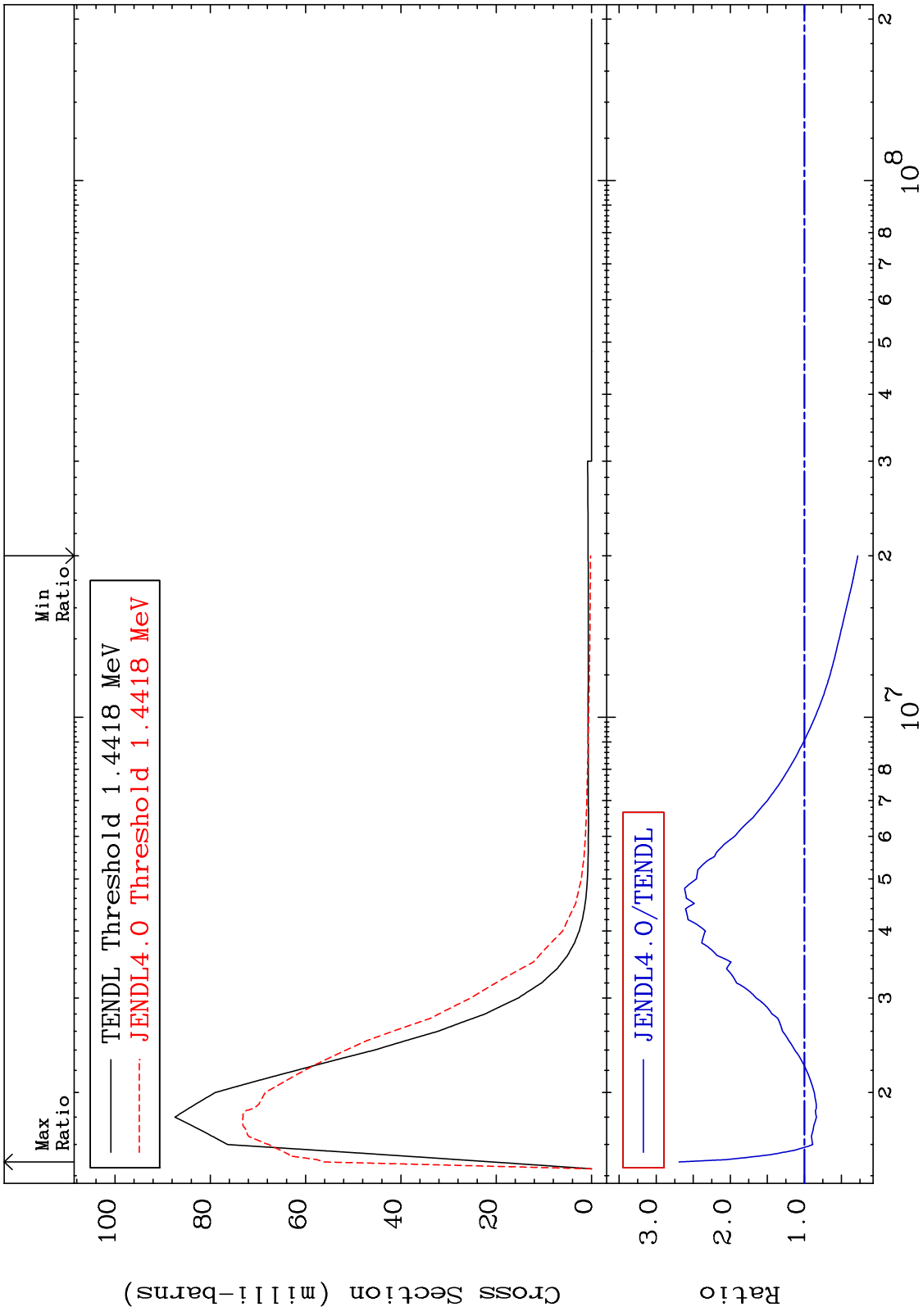
MAT 6043

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

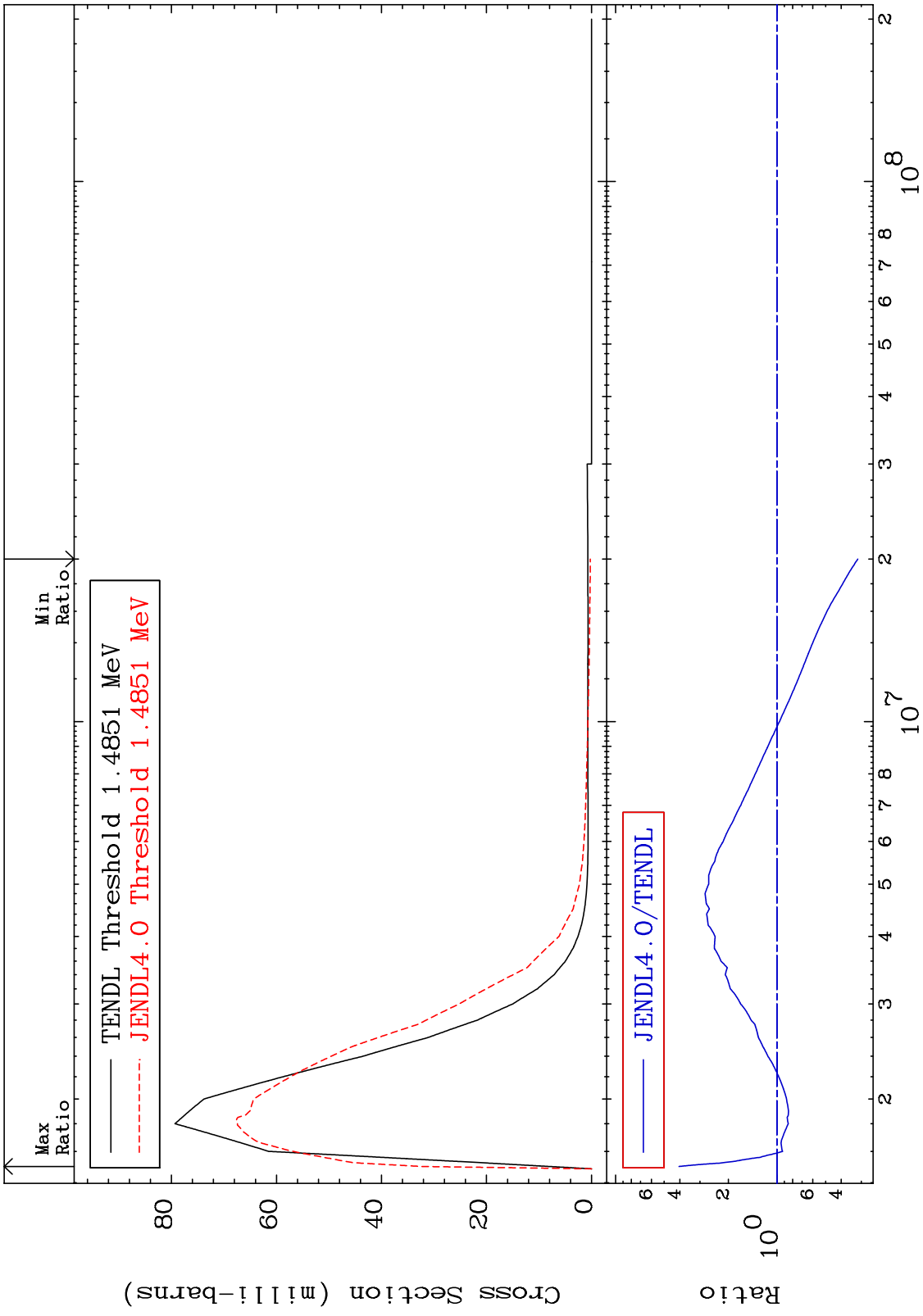
60-Nd-148
-53.57 To 277.9 %



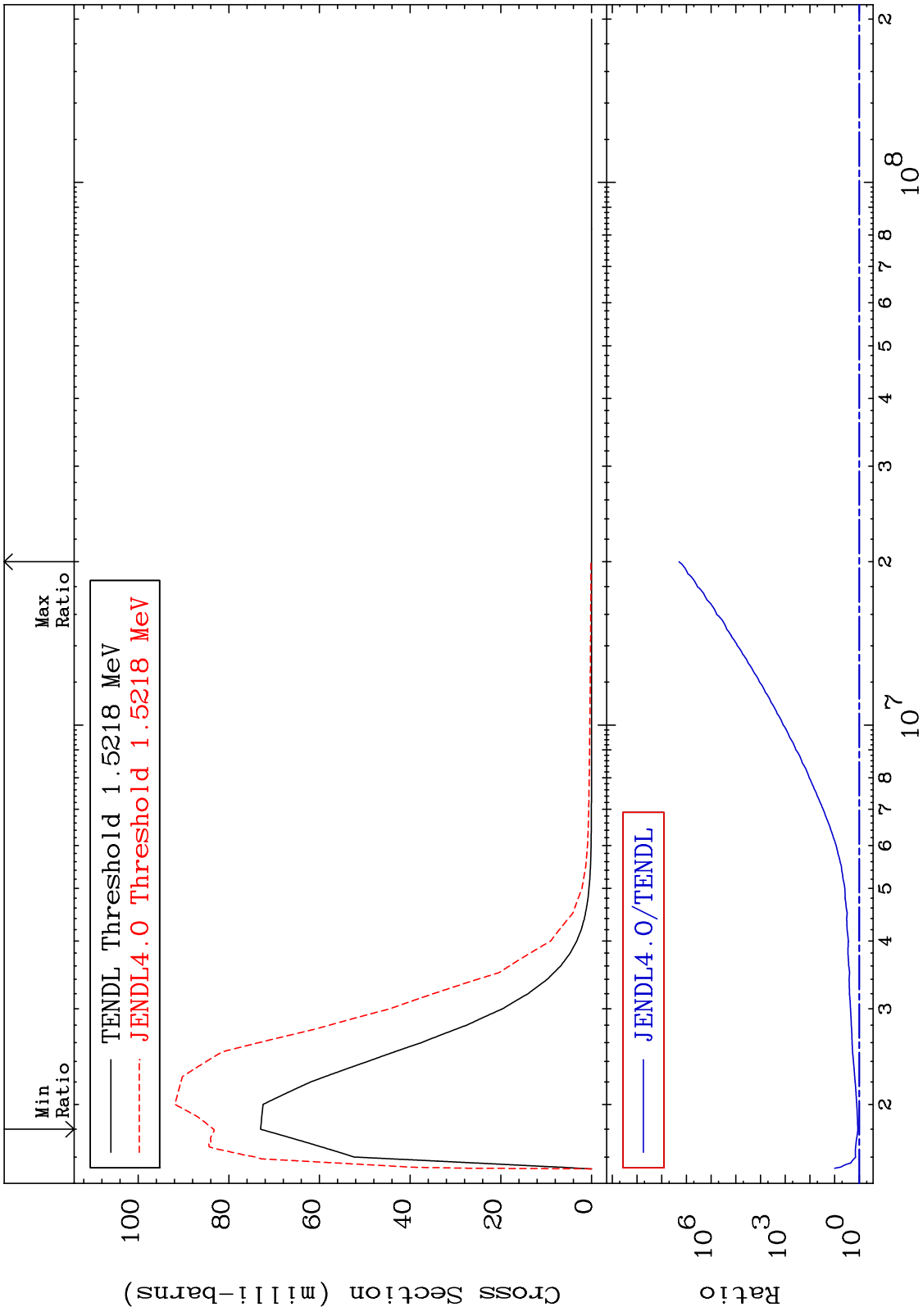
MAT 6043 MT= 61 (n,n') Level Cross Section 60-Nd-148
 -72.16 To 169.2 %



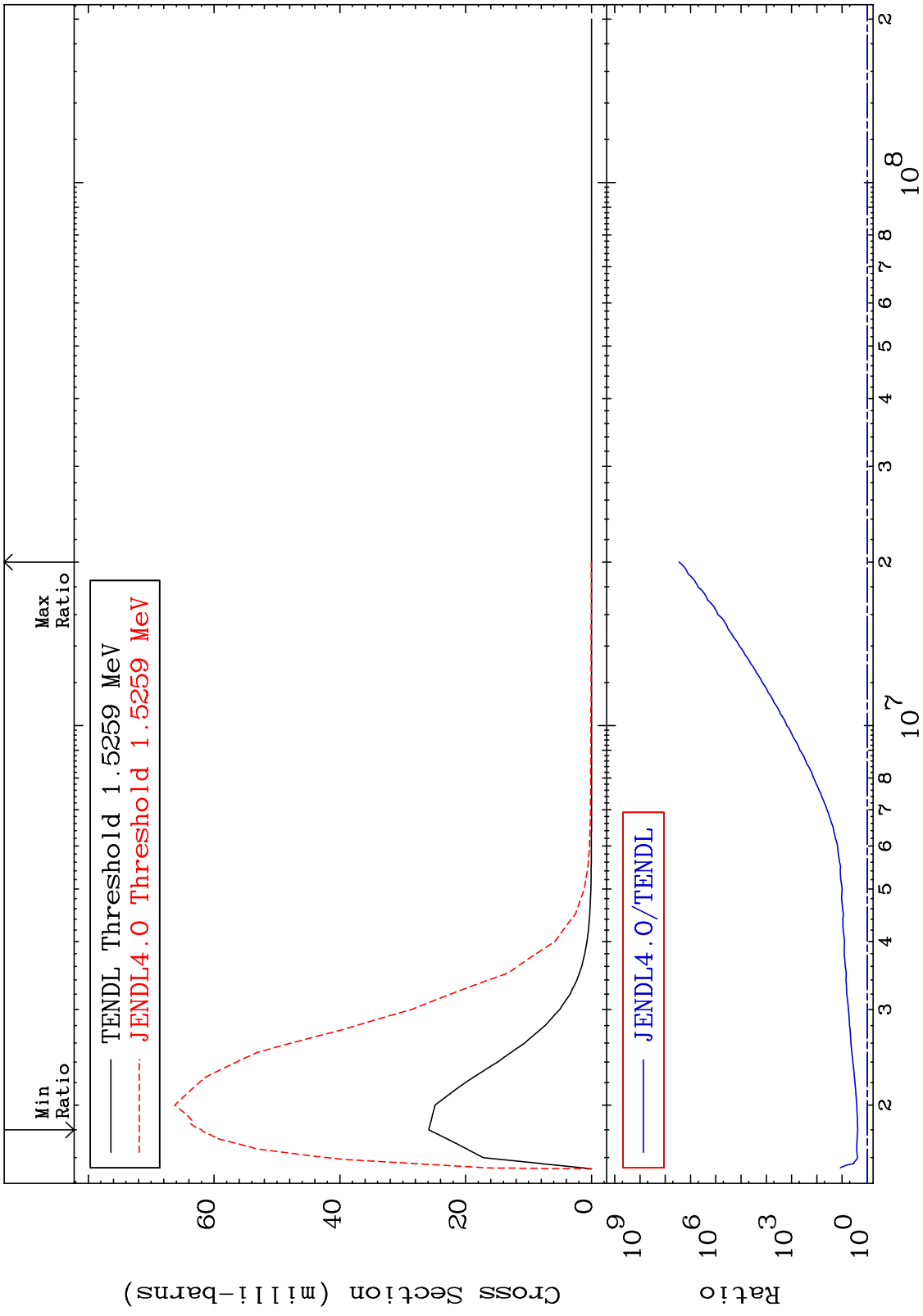
MAT 6043 MT= 62 (n,n') Level Cross Section 60-Nd-148
 -68.44 To 304.5 %



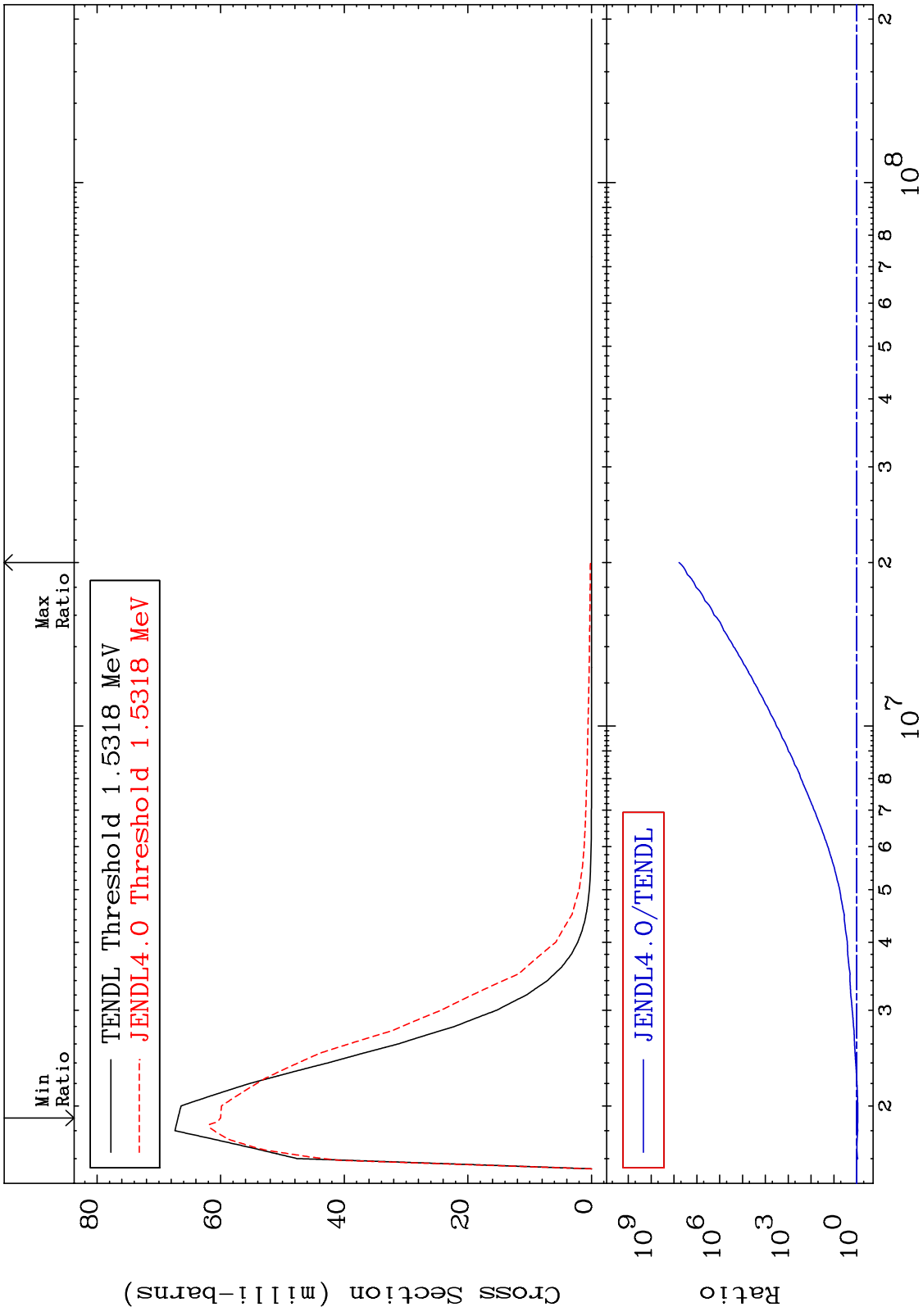
MAT 6043 MT= 63 (n,n') Level Cross Section 60-Nd-148
 14.21 To 9999. %



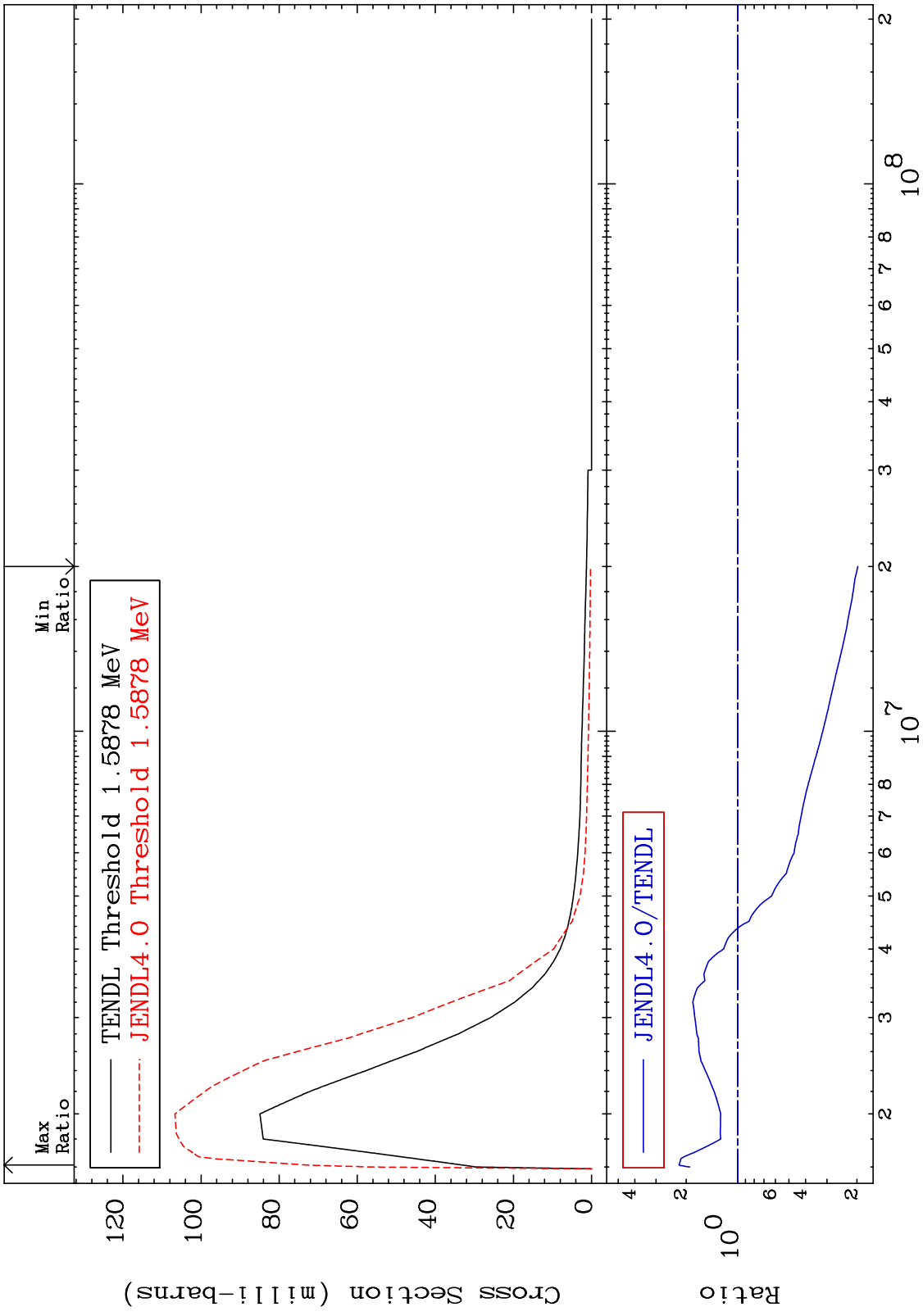
MAT 6043 MT= 64 (n,n') Level Cross Section 60-Nd-148 To 9999. %
 139.5



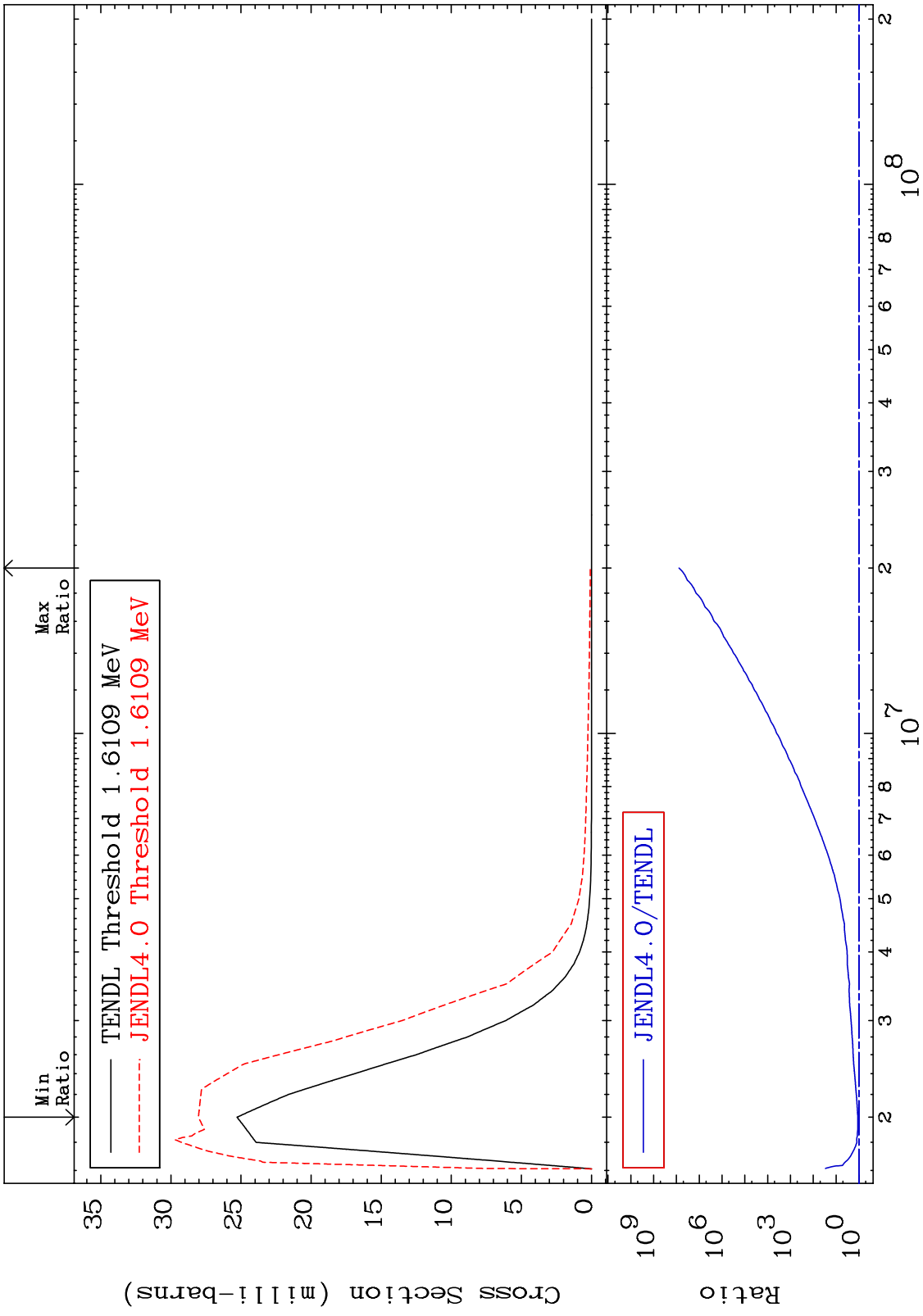
MAT 6043 MT= 65 (n,n') Level Cross Section -10.29 To 9999. % 60-Nd-148



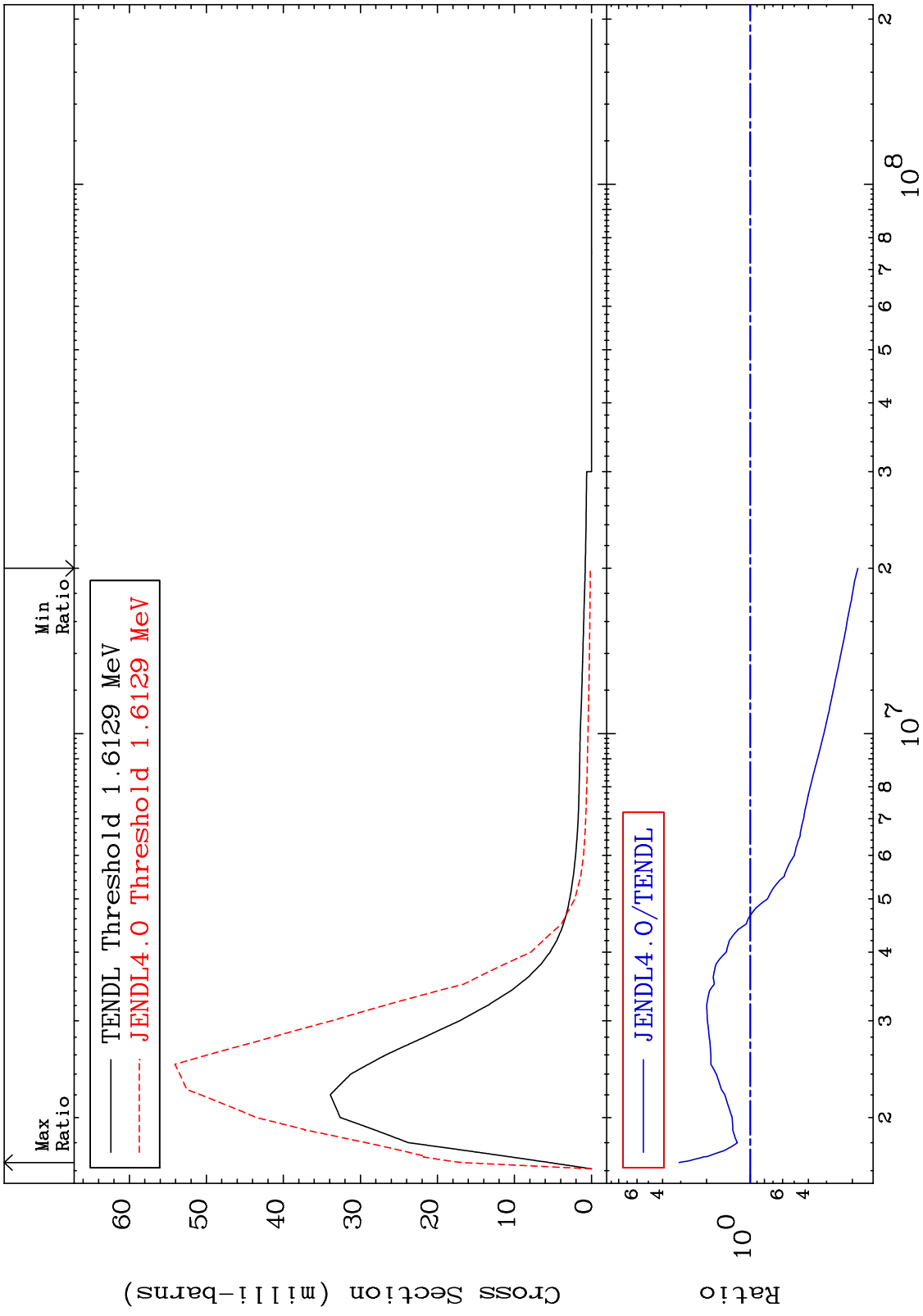
MAT 6043 MT= 66 (n,n') Level Cross Section 60-Nd-148
 -80.24 To 120.2 %



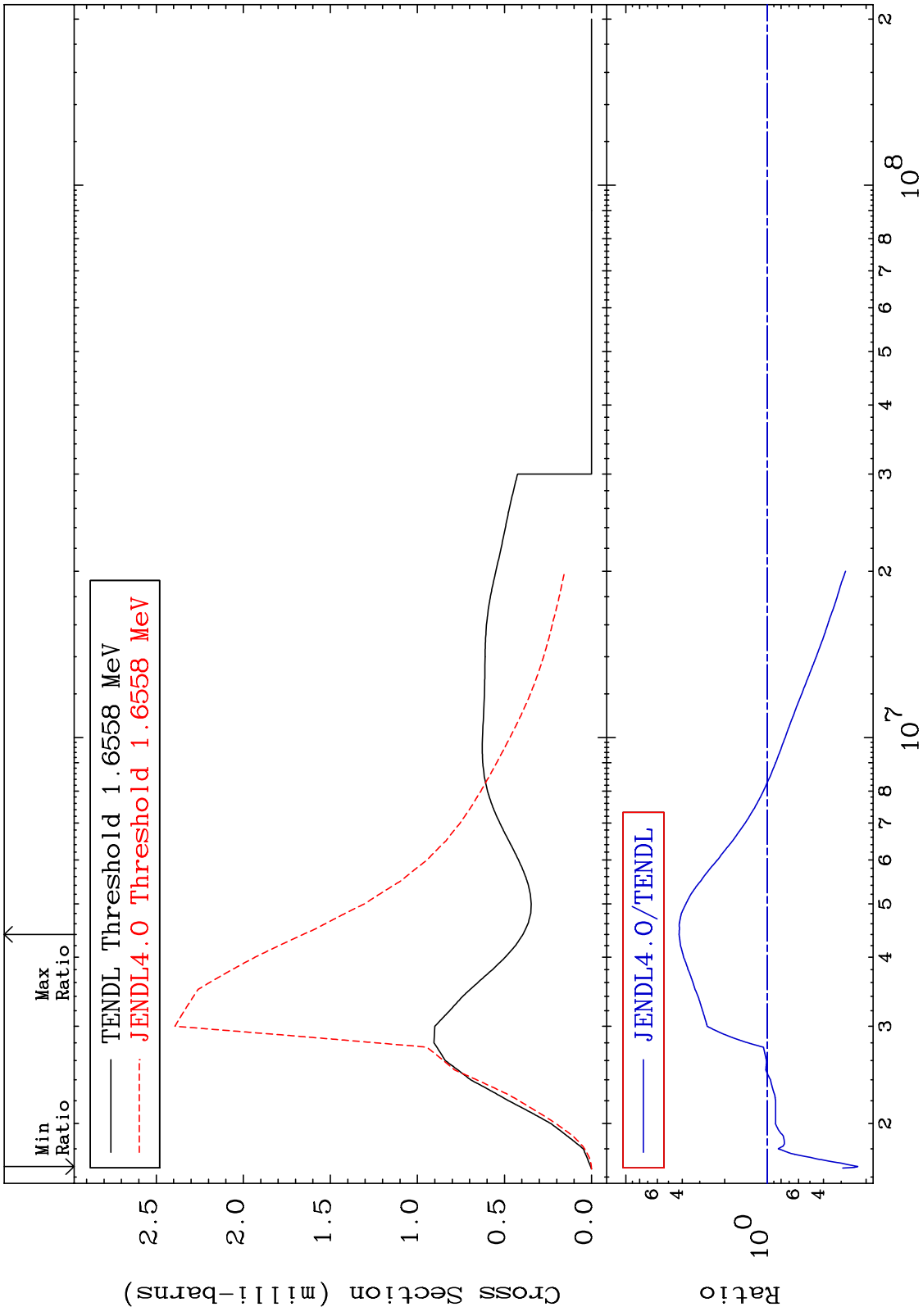
MAT 6043 MT= 67 (n,n') Level Cross Section 60-Nd-148 To 9999. %



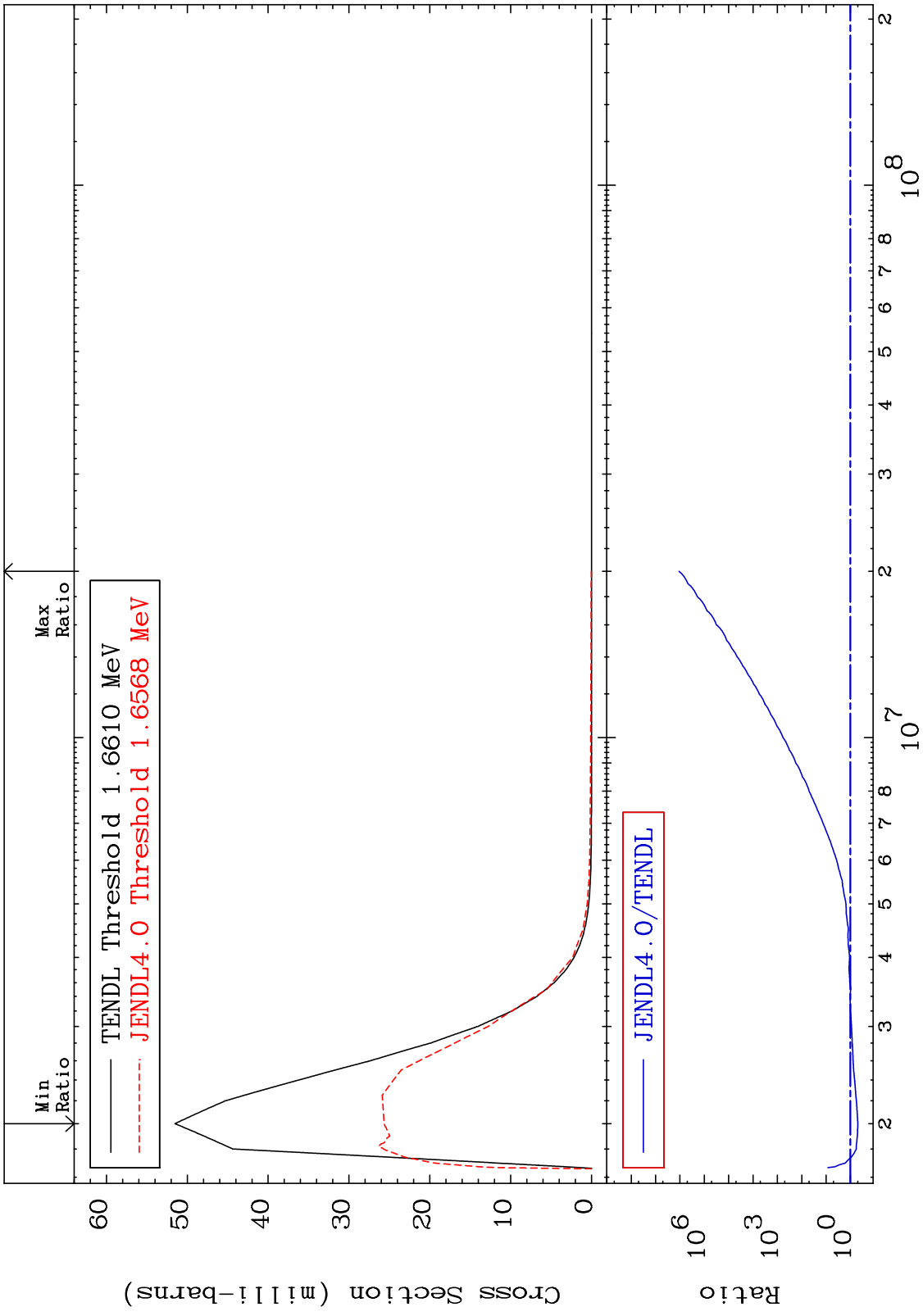
MAT 6043 MT= 68 (n,n') Level Cross Section 60-Nd-148
 -81.69 To 208.4 %



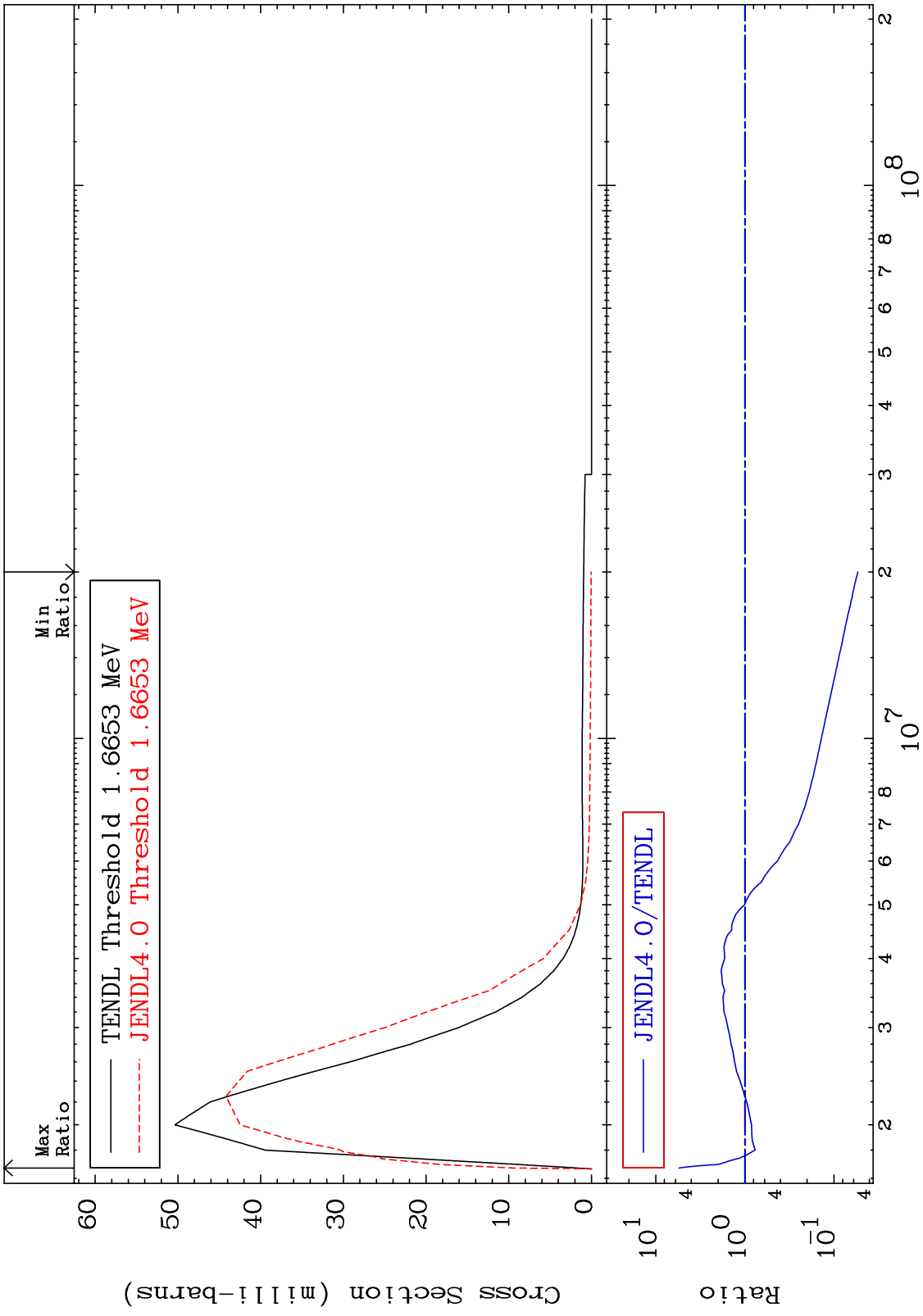
MAT 6043 MT= 69 (n,n') Level Cross Section 60-Nd-148
 -77.13 To 320.8 %



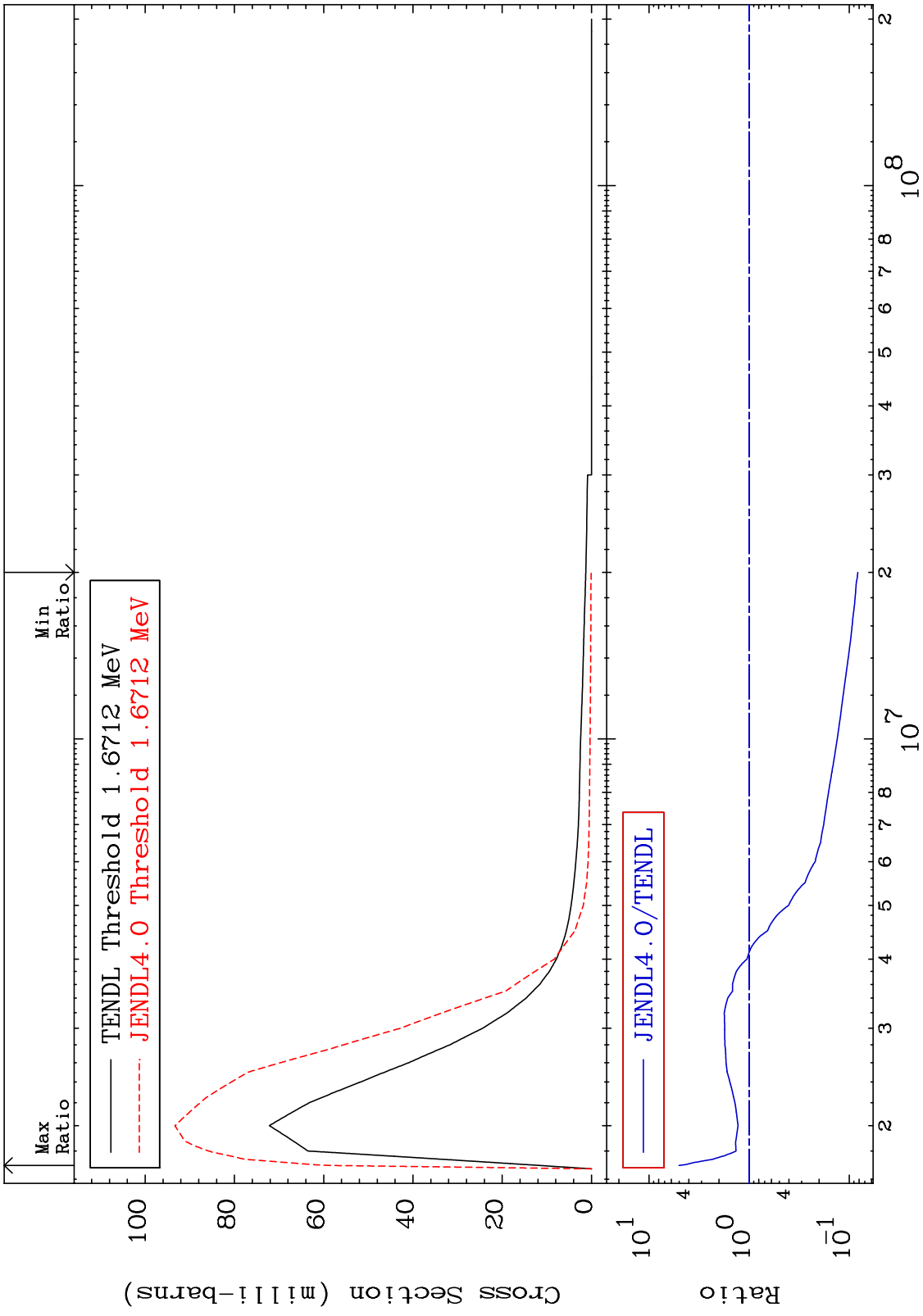
MAT 6043 MT= 70 (n,n') Level Cross Section 60-Nd-148
 -50.22 To 9999. %



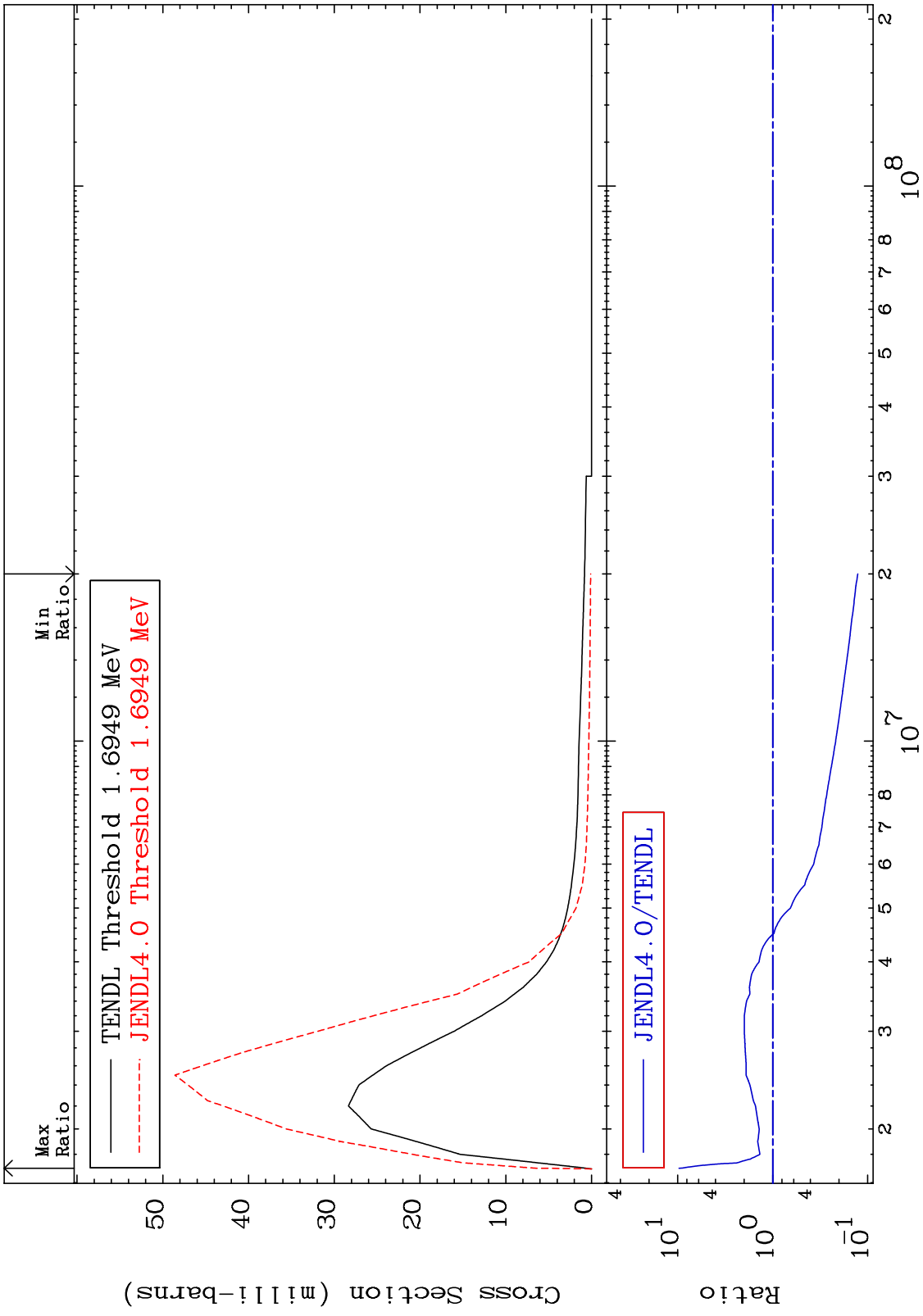
MAT 6043 MT= 71 (n,n') Level Cross Section 60-Nd-148
 -94.60 To 448.4 %



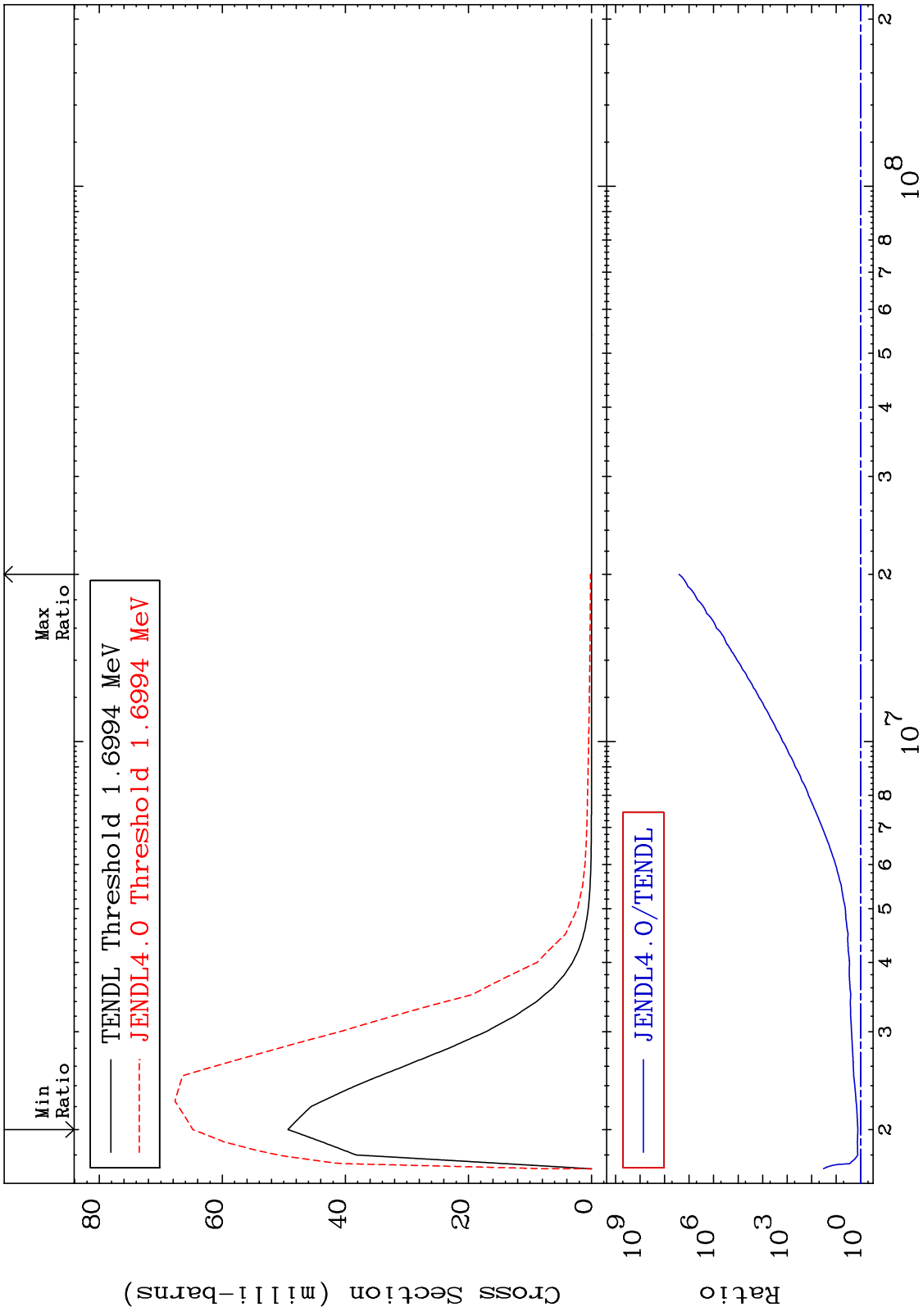
MAT 6043 MT= 72 (n,n') Level Cross Section 60-Nd-148
 -91.78 To 401.6 %



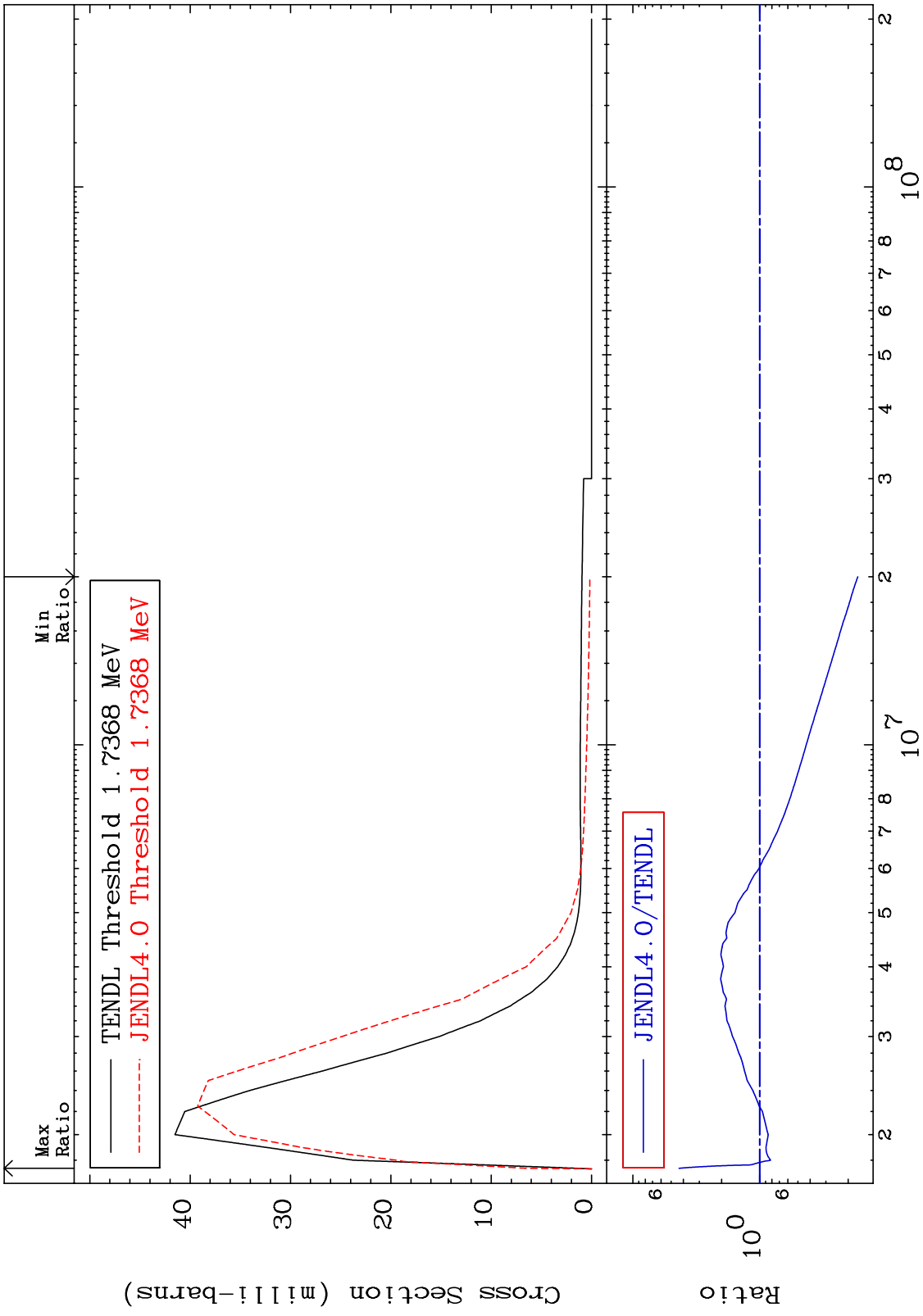
MAT 6043 MT= 73 (n,n') Level Cross Section 60-Nd-148
 -87.31 To 866.5 %



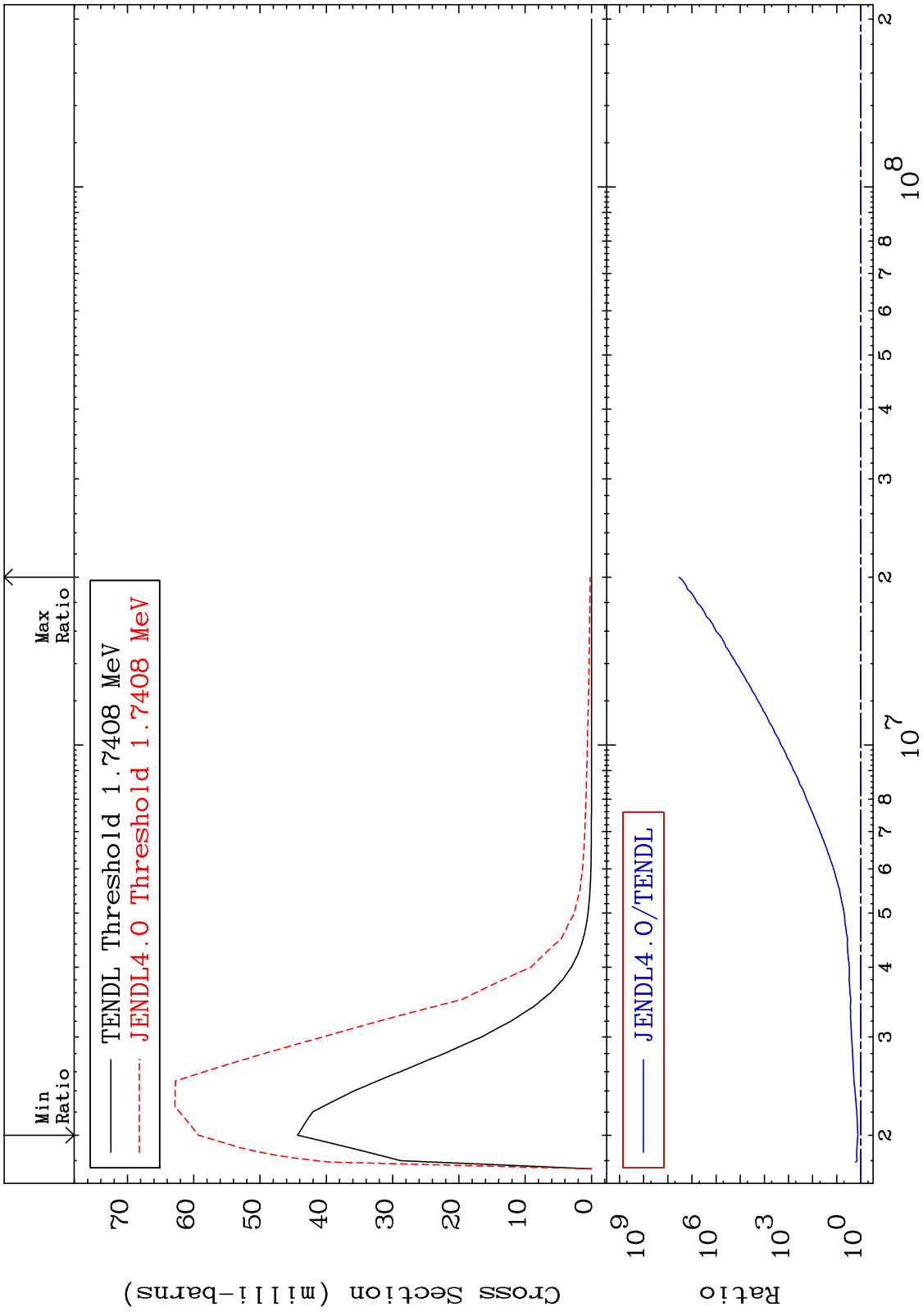
MAT 6043 MT= 74 (n,n') Level Cross Section 60-Nd-148 To 9999. %



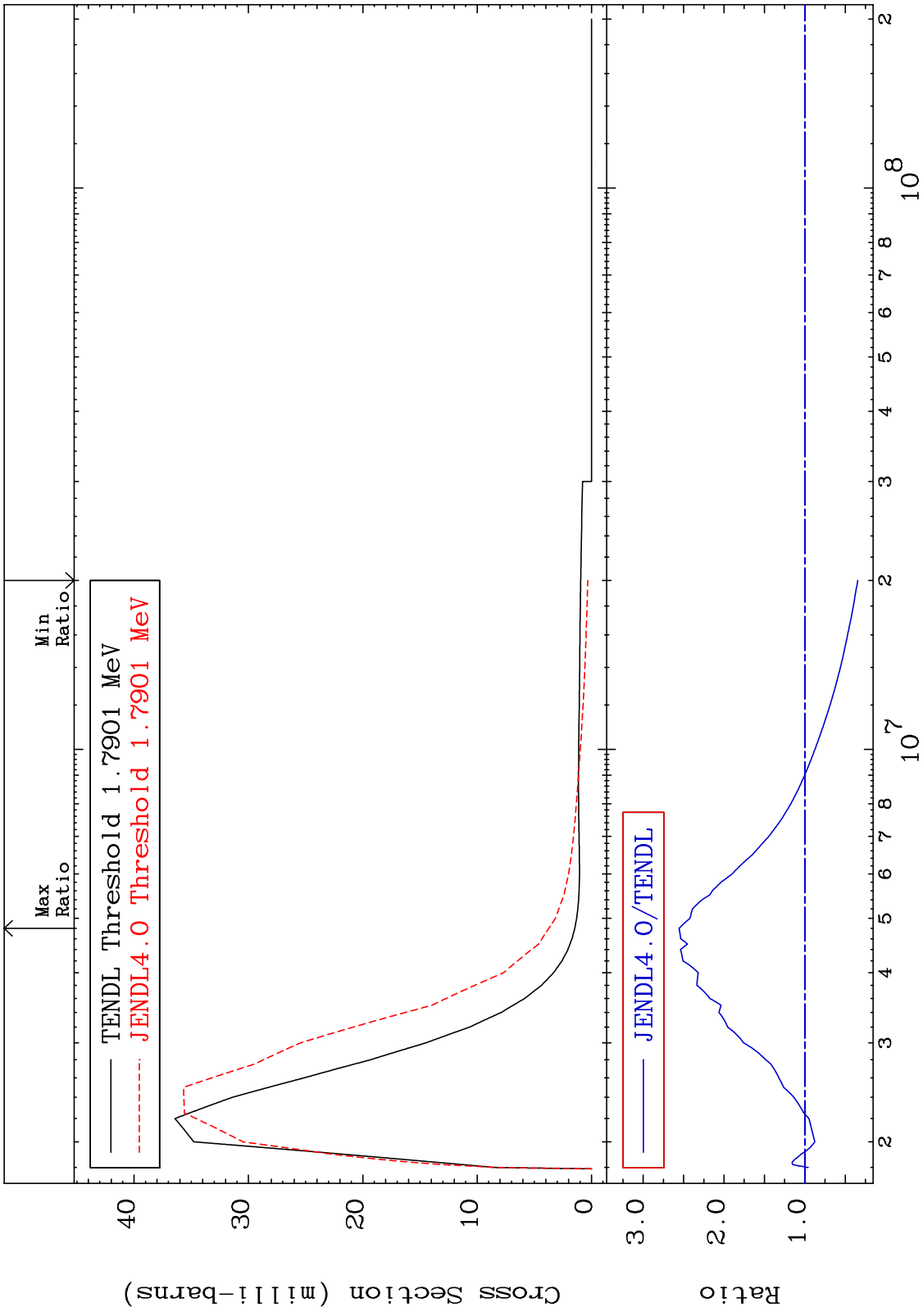
MAT 6043 MT= 75 (n,n') Level Cross Section 60-Nd-148
 -83.21 To 332.7 %



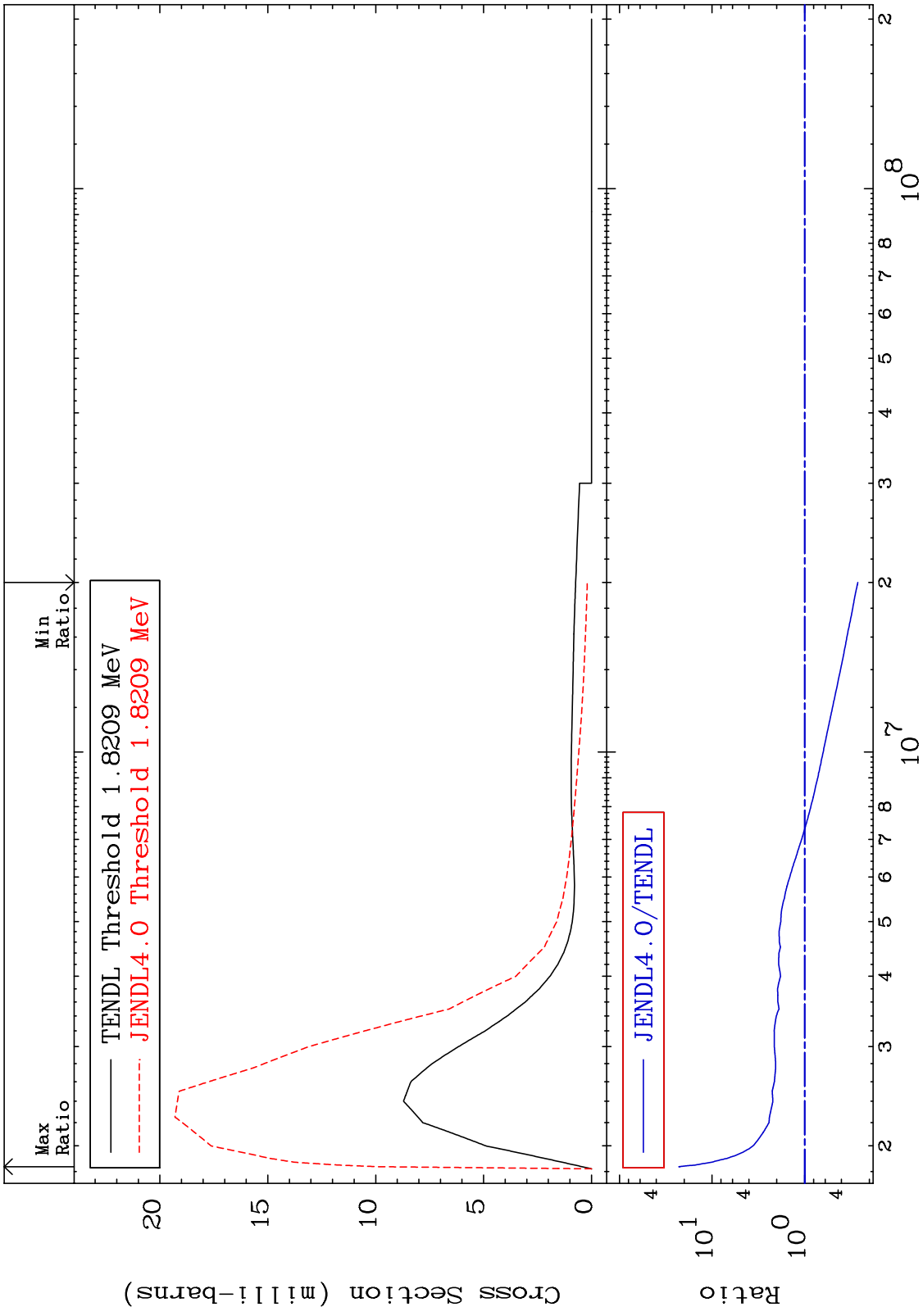
MAT 6043 MT= 76 (n,n') Level Cross Section 60-Nd-148
 33.74 To 9999. %



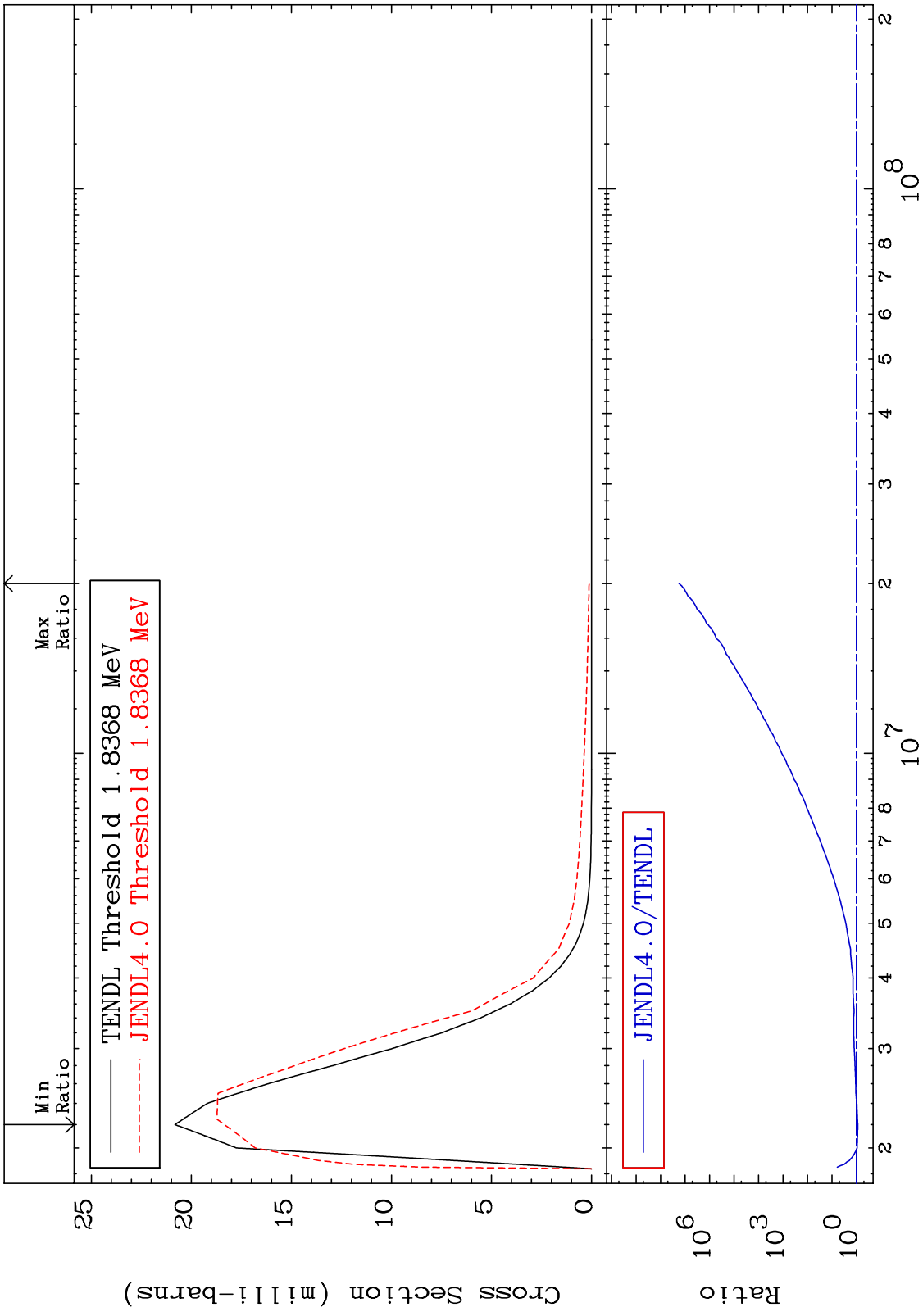
MAT 6043 MT= 77 (n,n') Level Cross Section 60-Nd-148
 -65.58 To 155.6 %



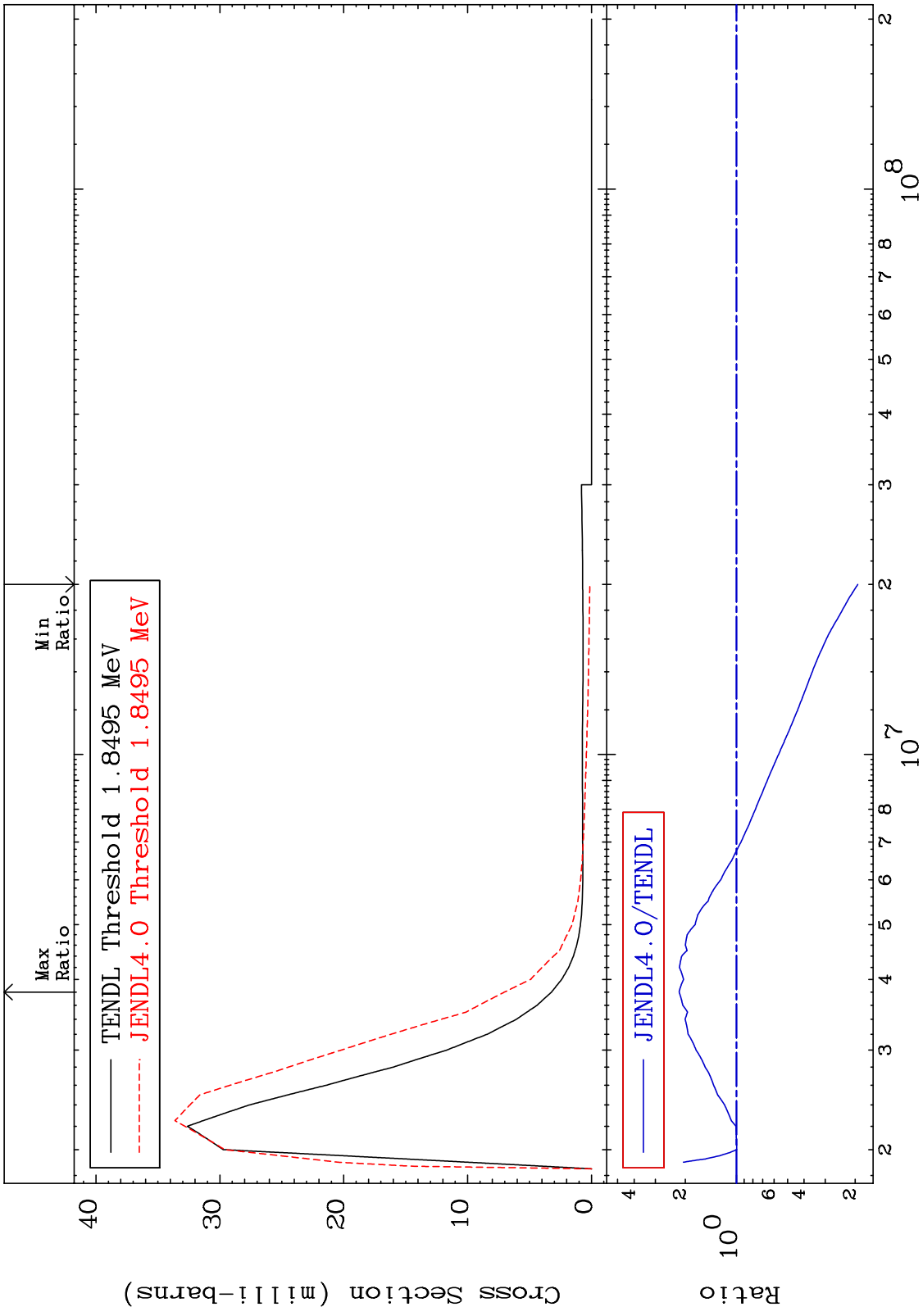
MAT 6043 MT= 78 (n,n') Level Cross Section 60-Nd-148
 -73.40 To 2172. %



MAT 6043 MT= 79 (n,n') Level Cross Section 60-Nd-148
 -11.90 To 9999. %



MAT 6043 MT= 80 (n,n') Level Cross Section 60-Nd-148
 -80.69 To 117.6 %

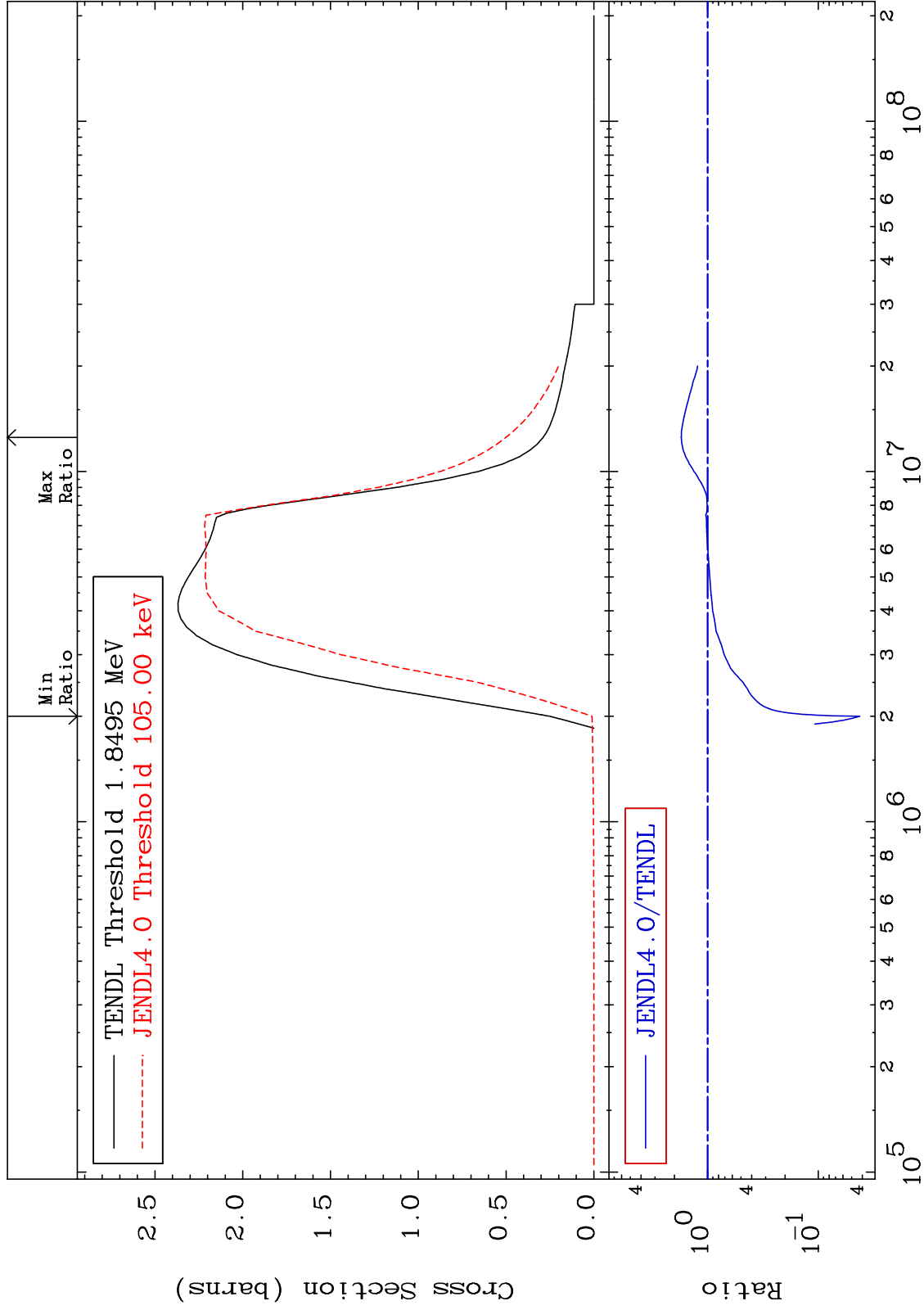


40 60-Nd-148

MAT 6043

(n, n') Continuum
Cross Section

60-Nd-148
-95.78 To 73.37 %

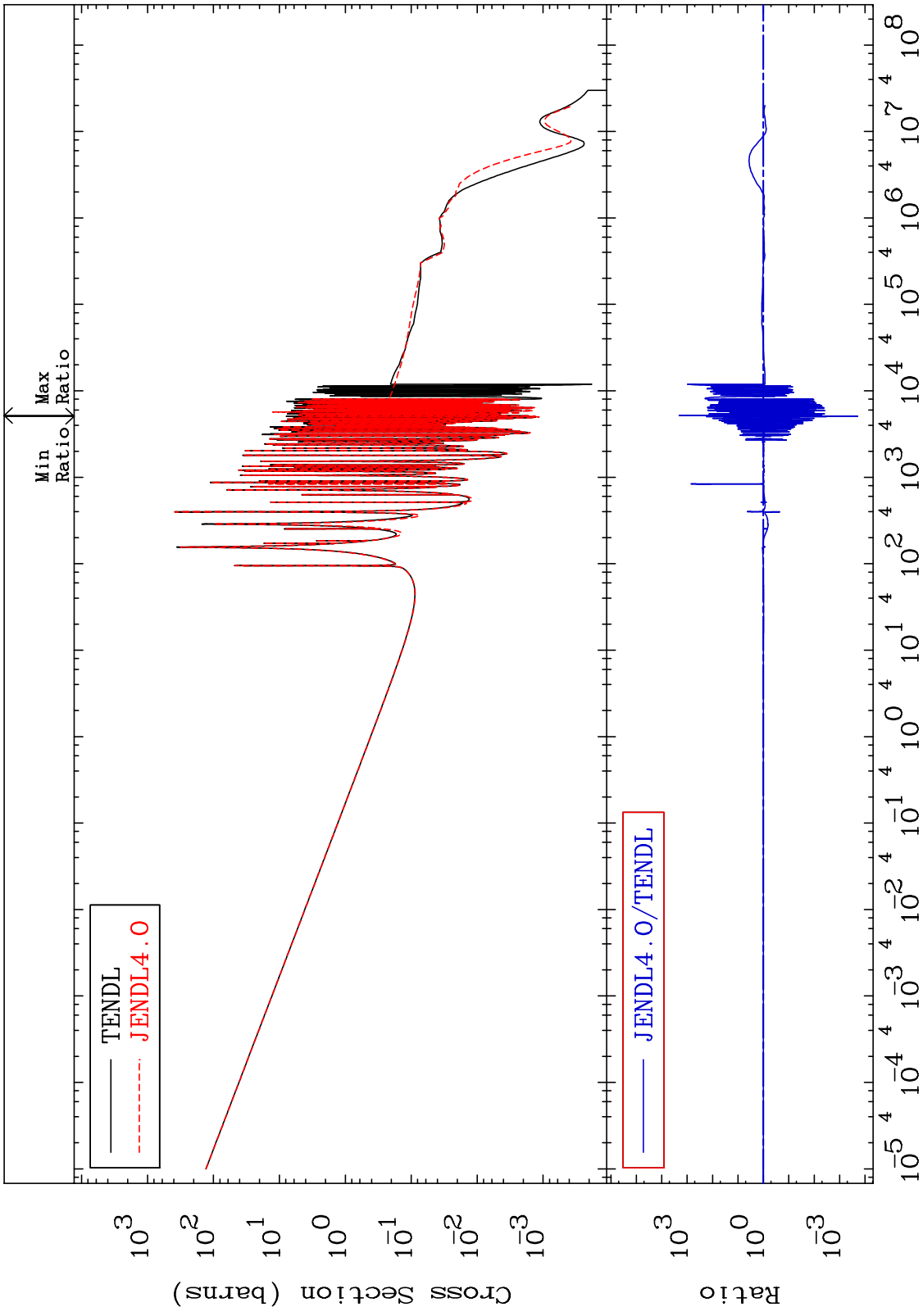


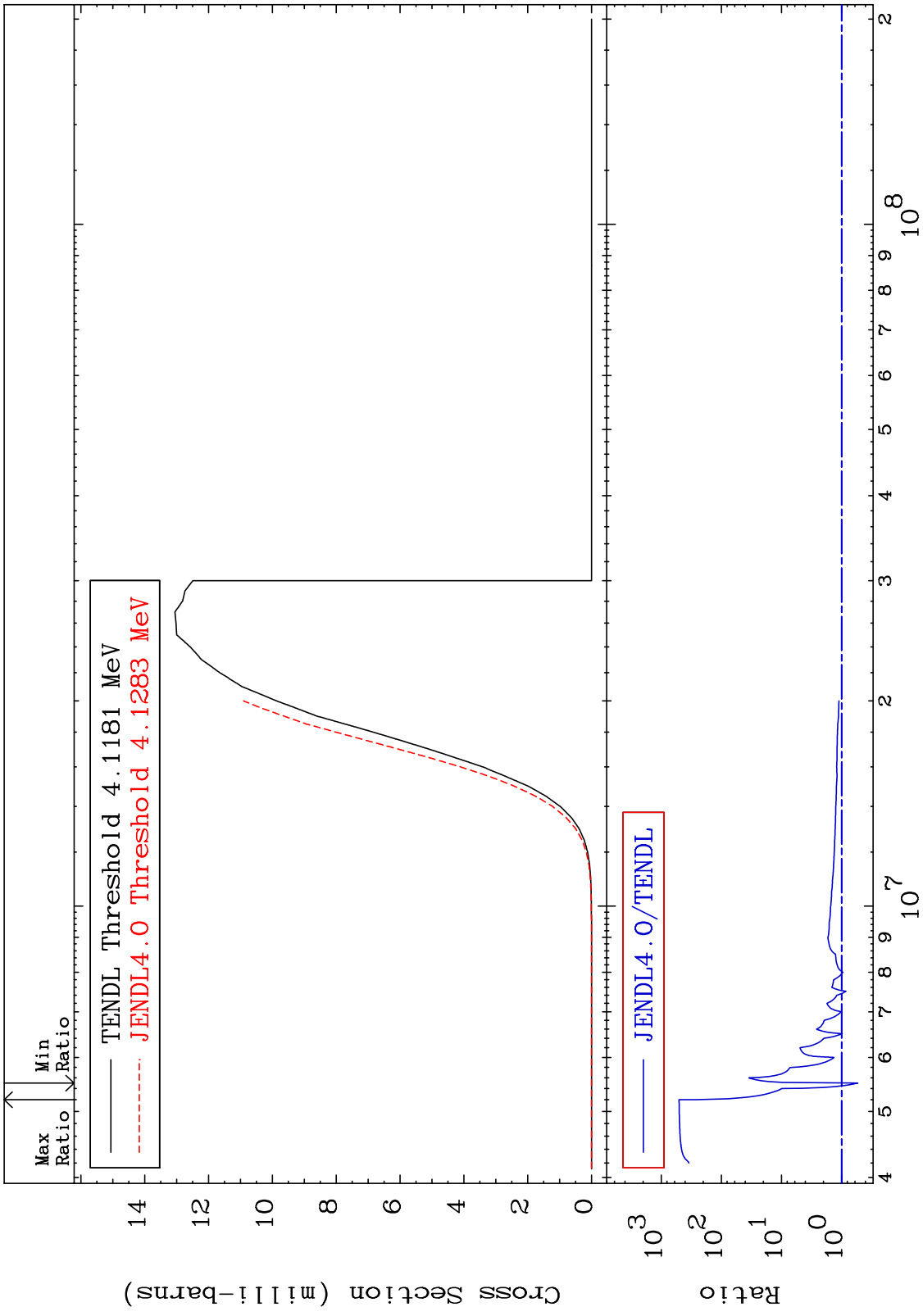
41

Incident Energy (eV)

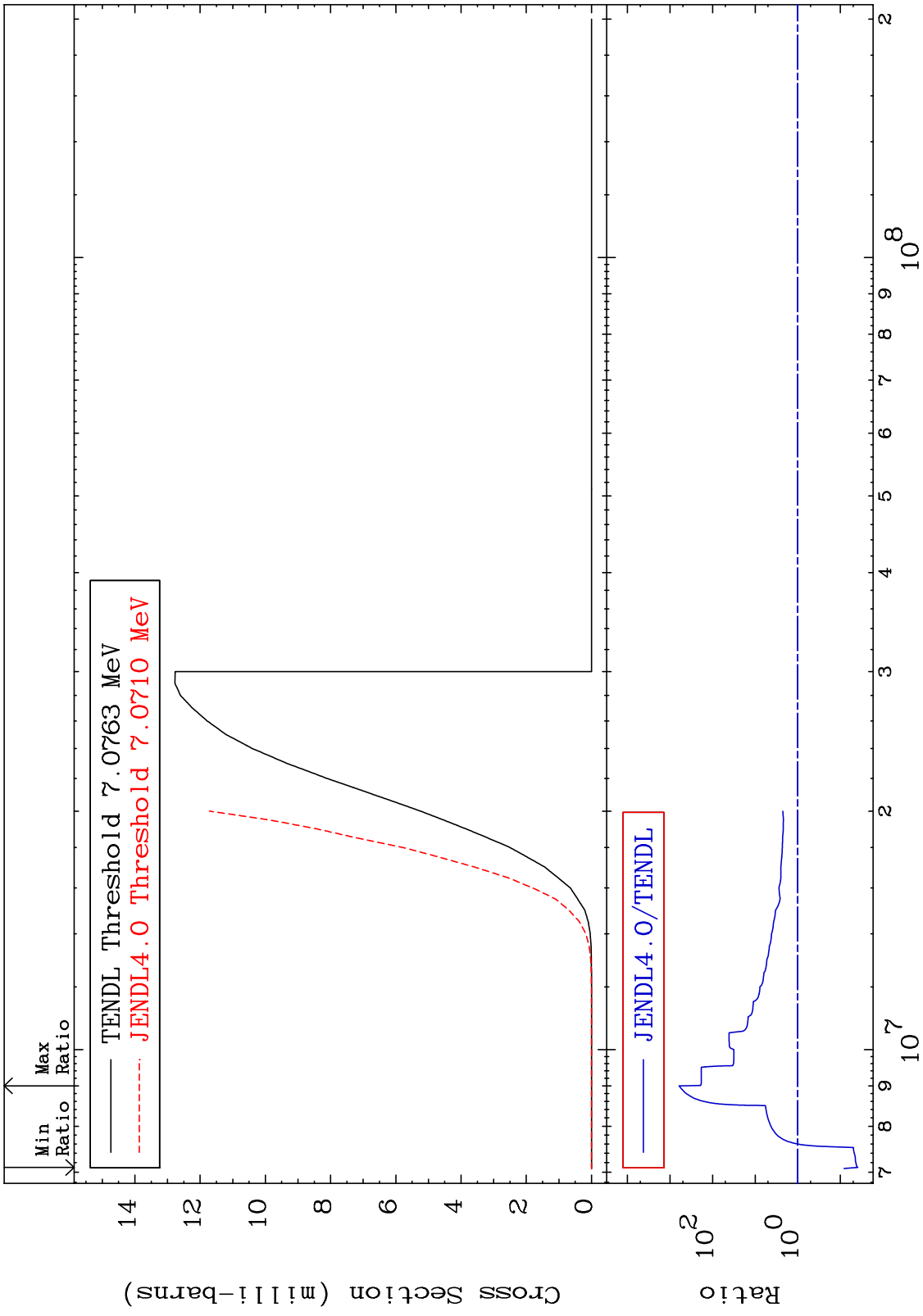
60-Nd-148

MAT 6043 (n, γ) Cross Section 60-Nd-148 -99.98 To 9999. %



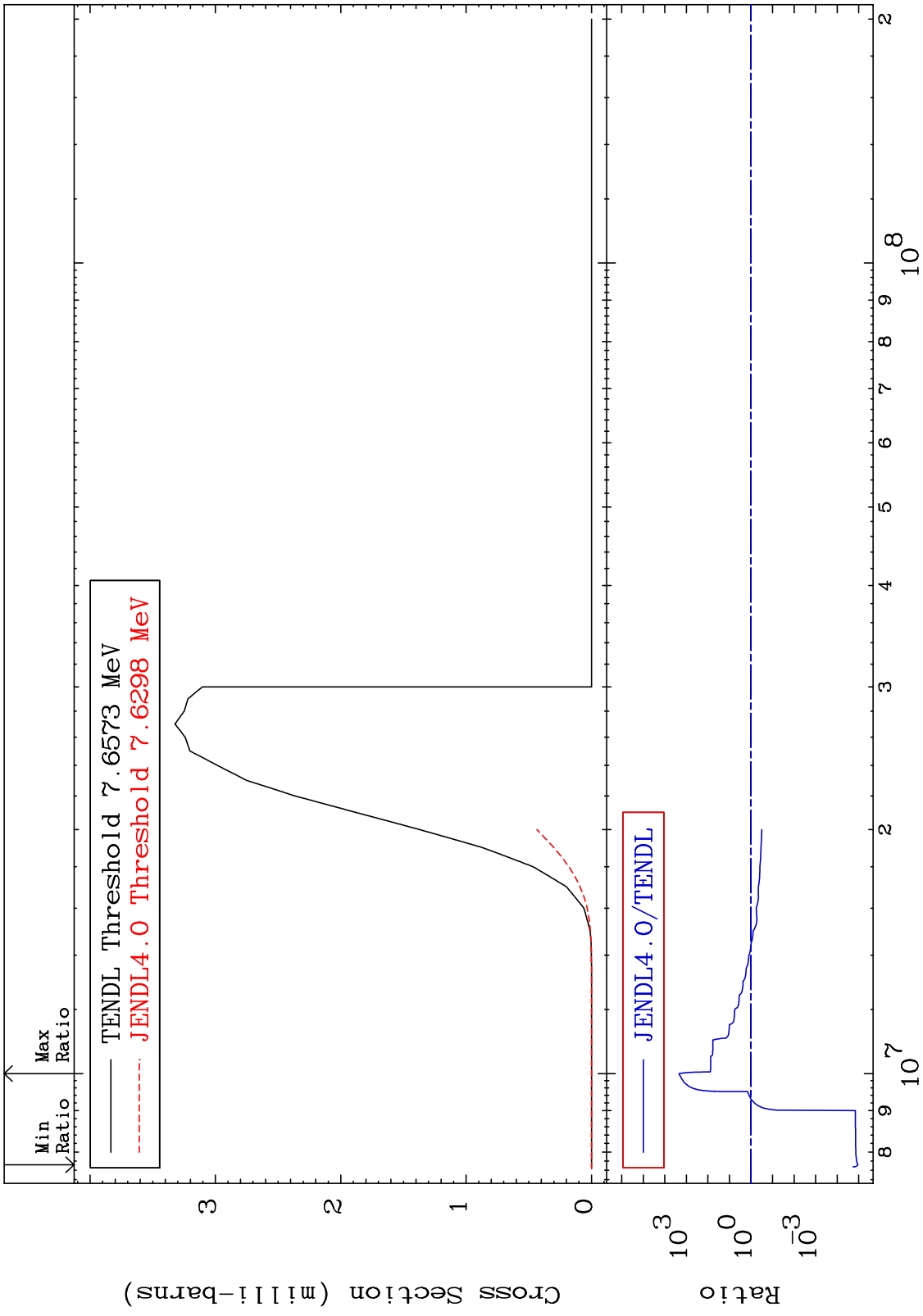


MAT 6043 (n,d) Cross Section 60-Nd-148 -96.12 To 9999. %

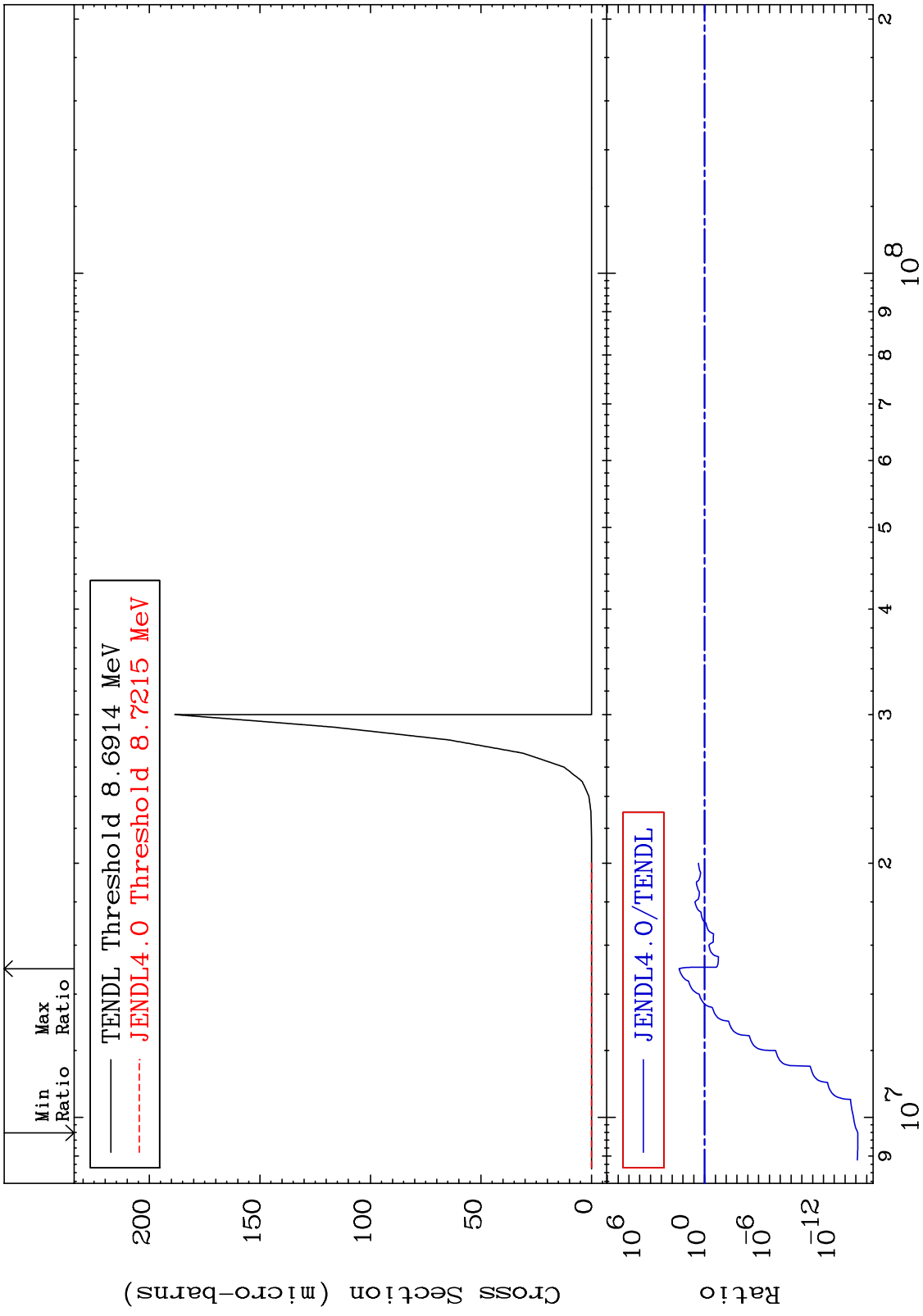


44 60-Nd-148 Incident Energy (eV)

MAT 6043 (n,t) 60-Nd-148
 Cross Section -100.0 To 9999. %



MAT 6043 (n, He-3) 60-Nd-148
 Cross Section -100.0 To 9999. %



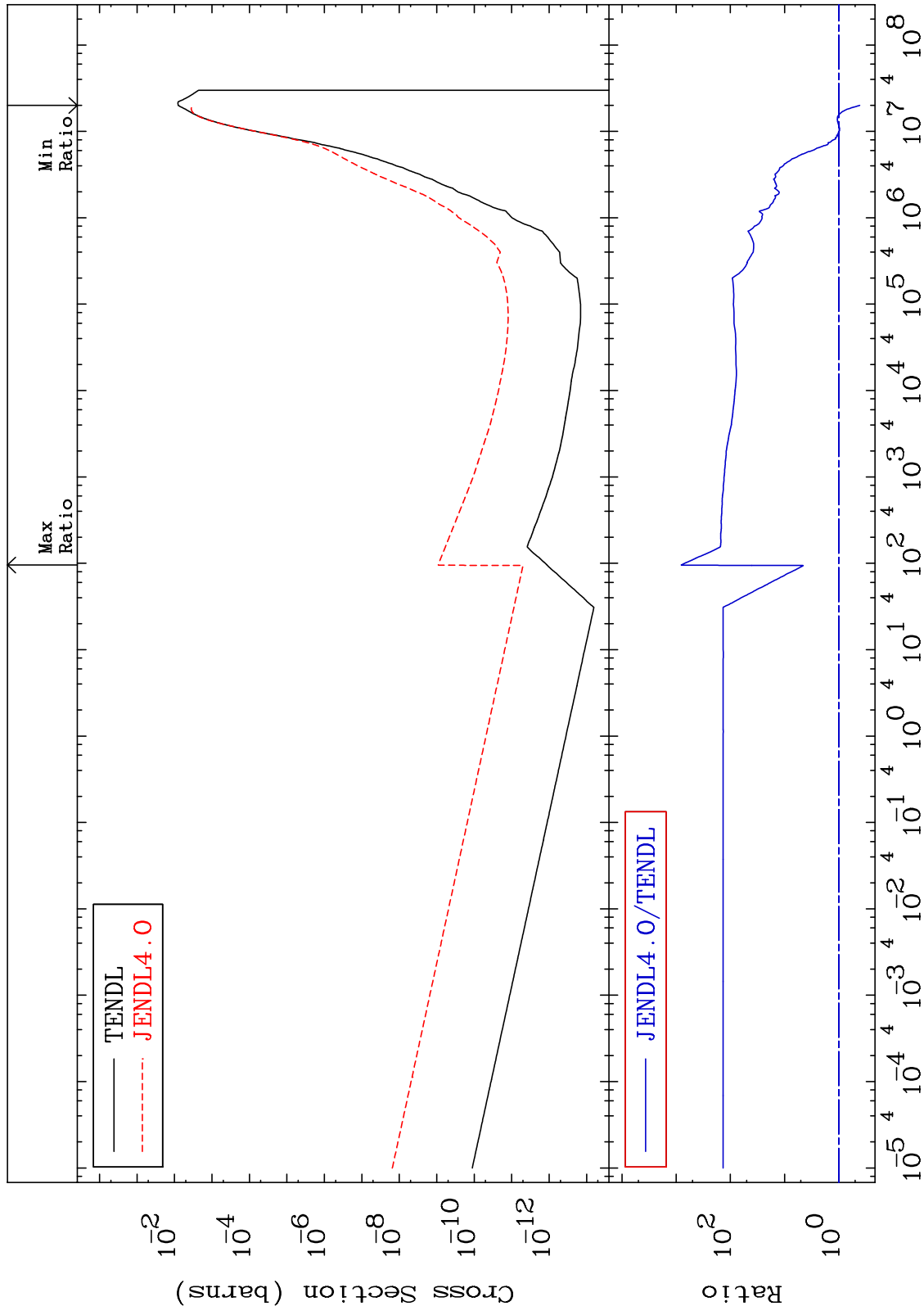
46 Incident Energy (eV) 60-Nd-148

MAT 6043

(n, α)

60-Nd-148

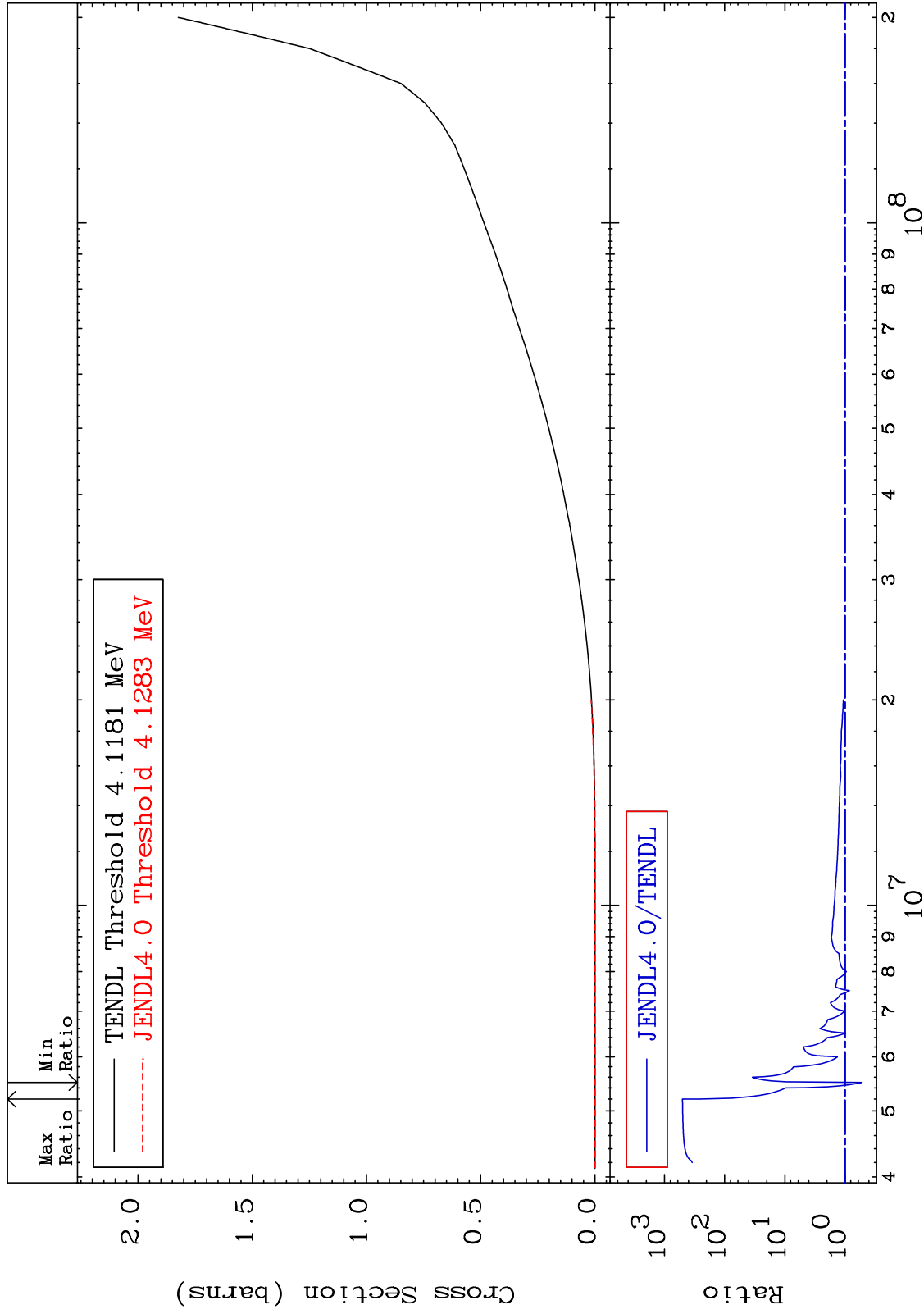
-59.07 To 9999. %

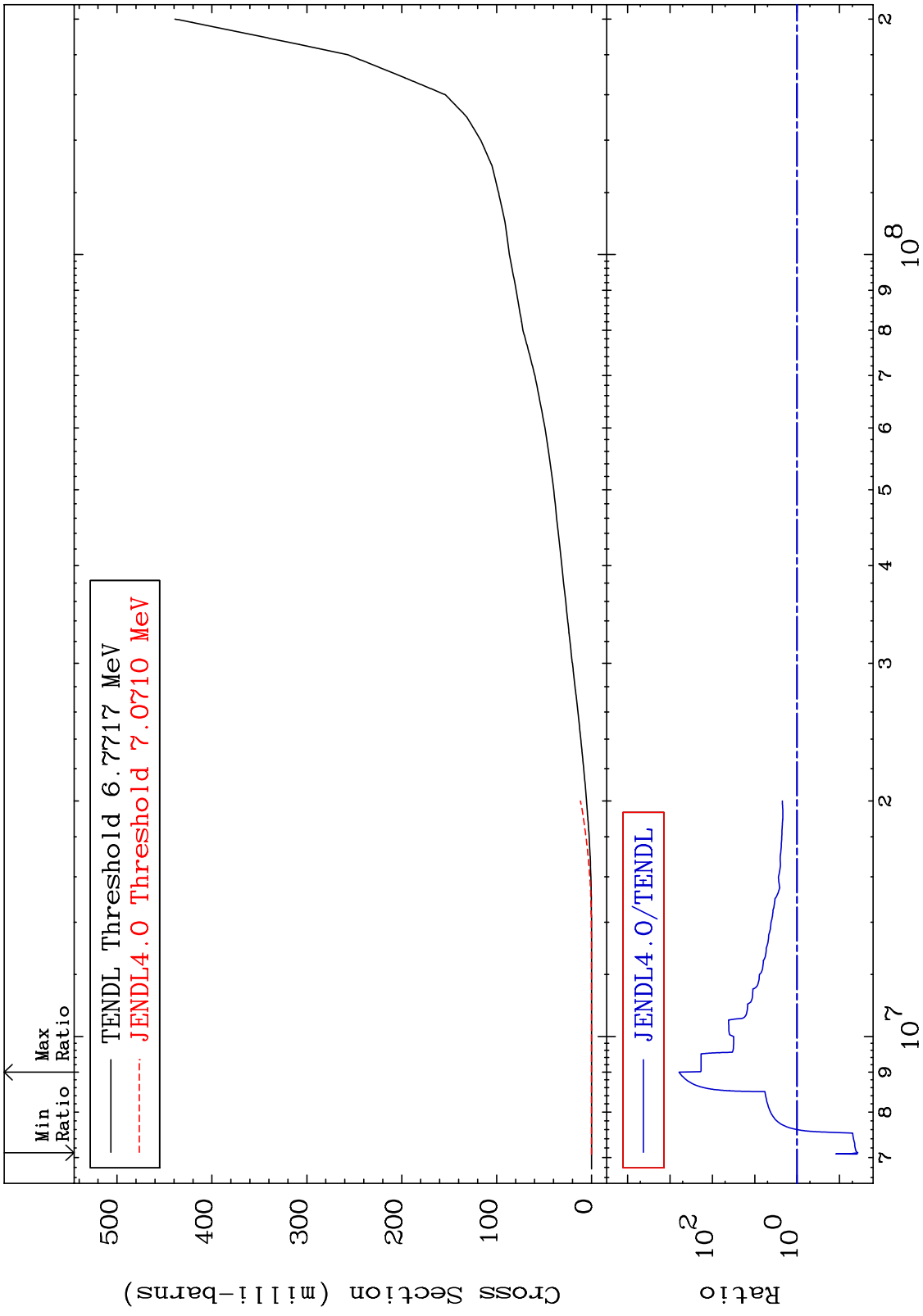


MAT 6043

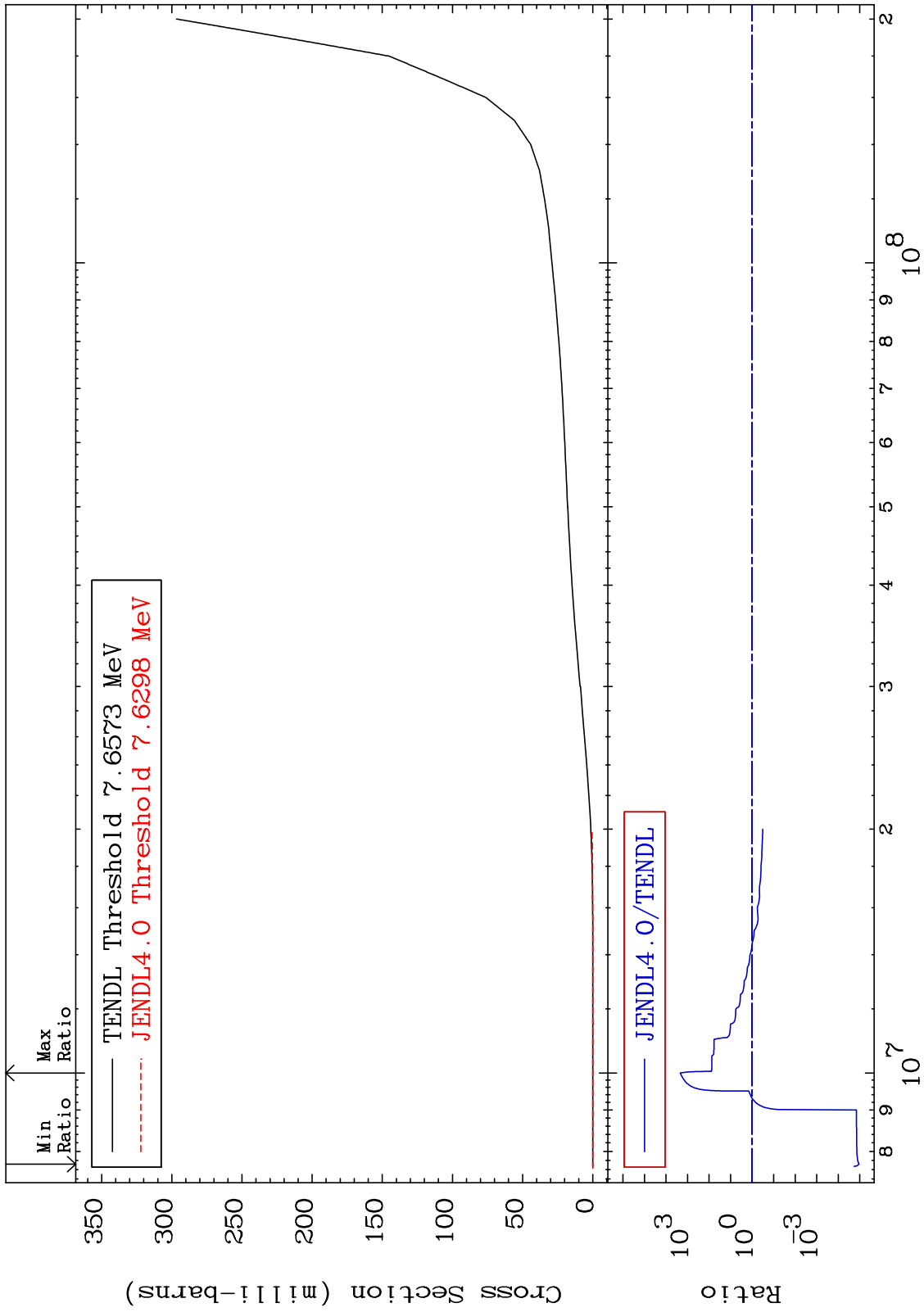
Hydrogen Production
Cross Section

60-Nd-148
-46.39 To 9999. %





MAT 6043 Tritium Production Cross Section 60-Nd-148 -100.0 To 9999. %

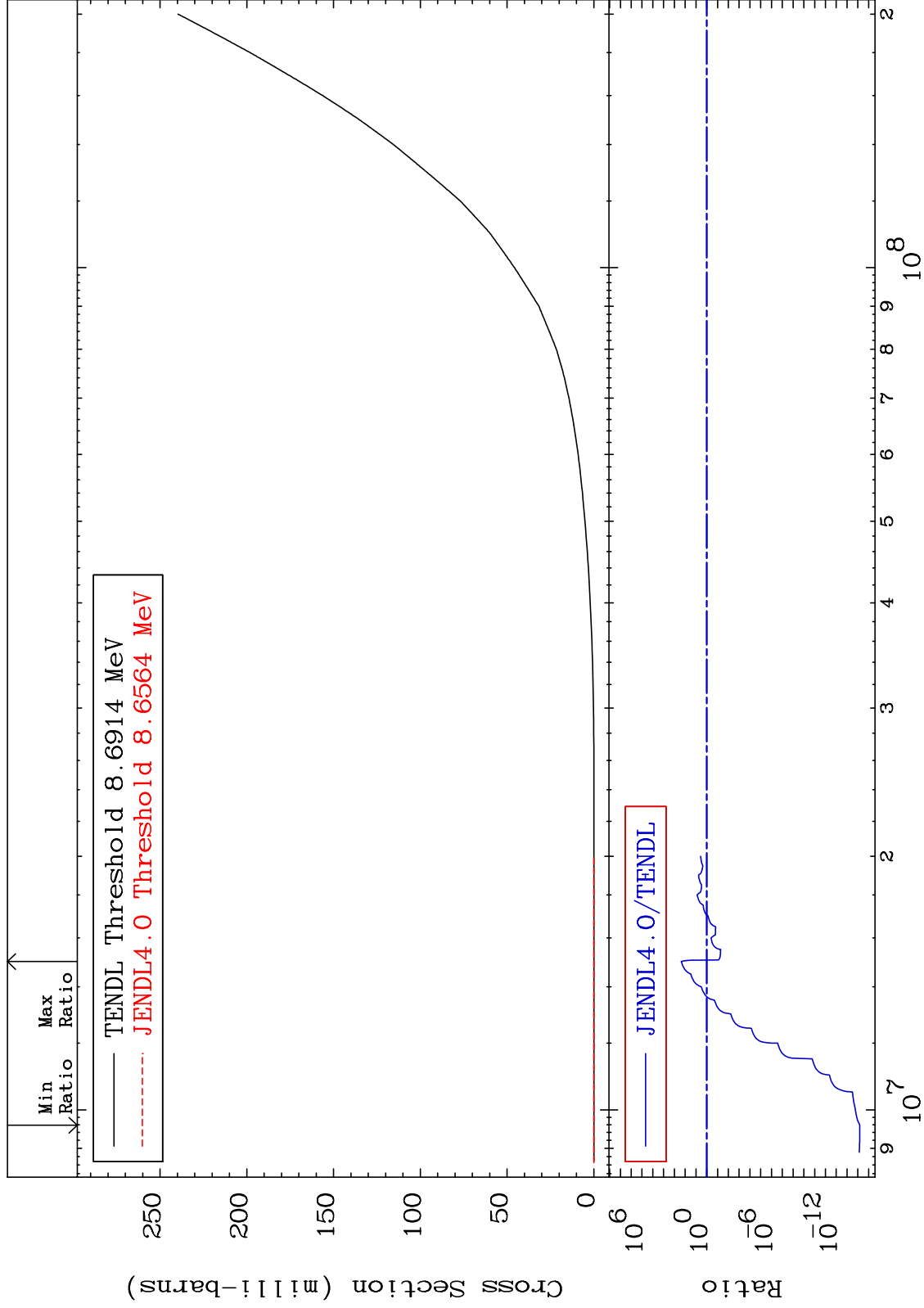


50 60-Nd-148

MAT 6043

He-3 Production
Cross Section

60-Nd-148
-100.0 To 9999. %

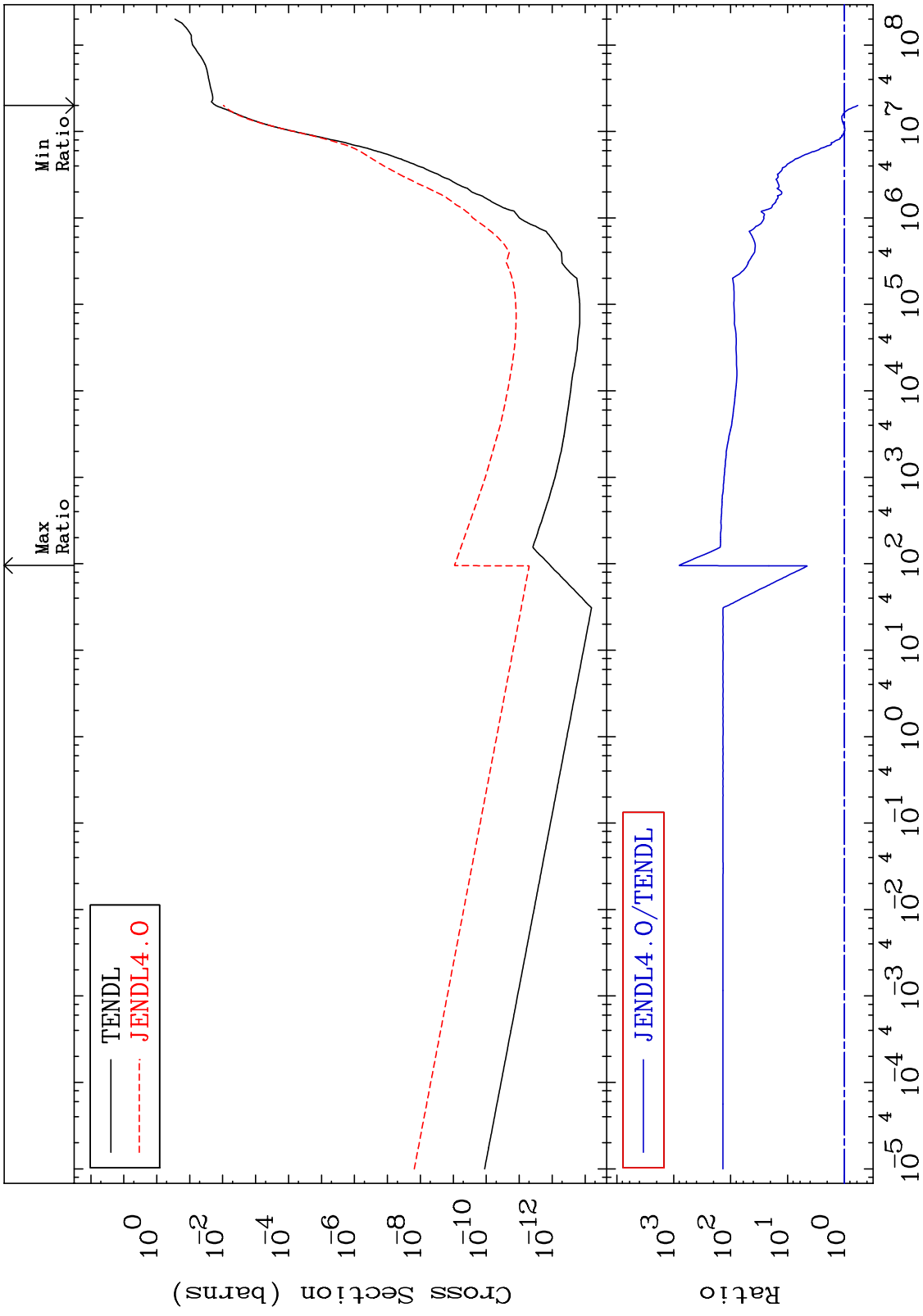


51

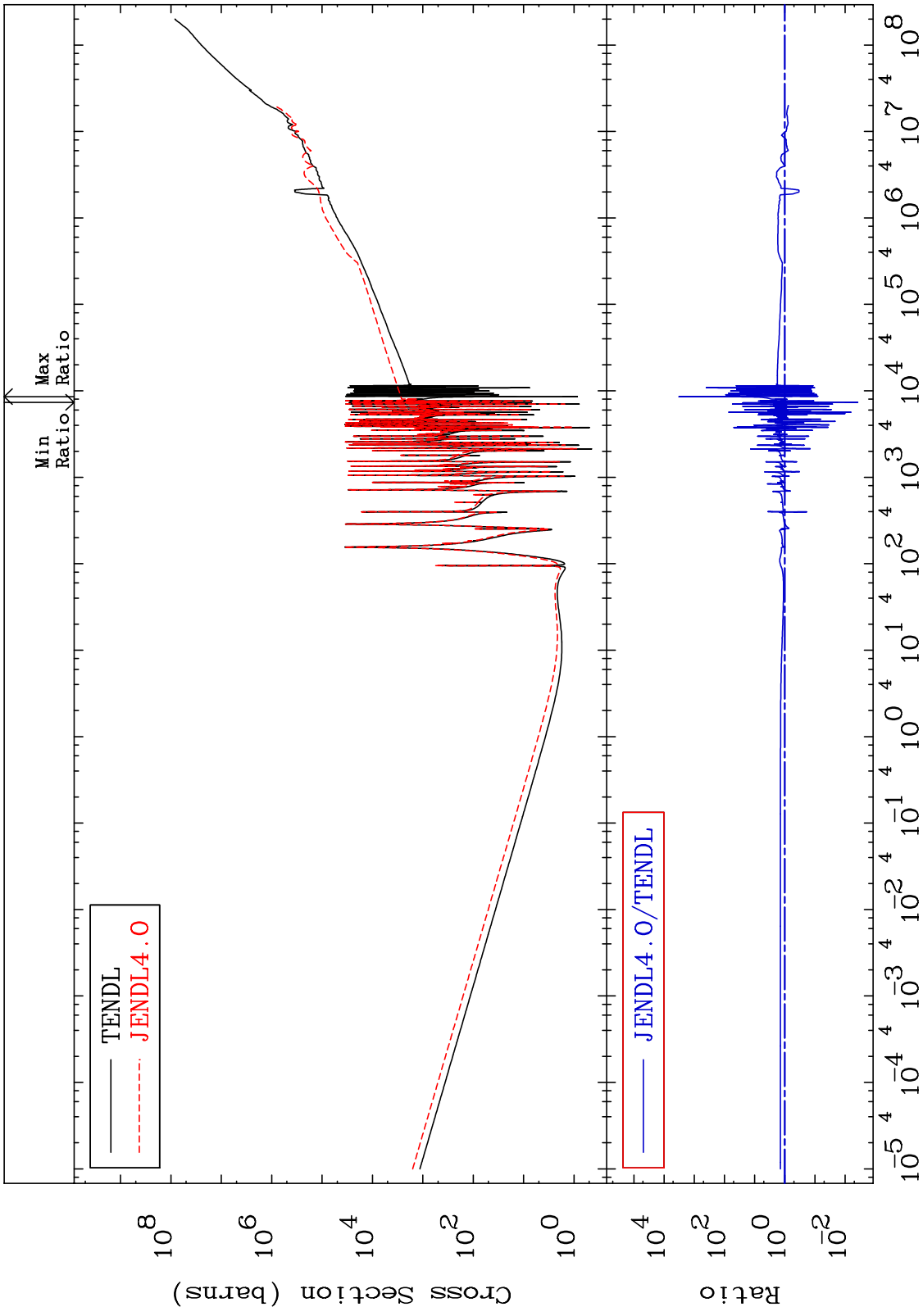
Incident Energy (eV)

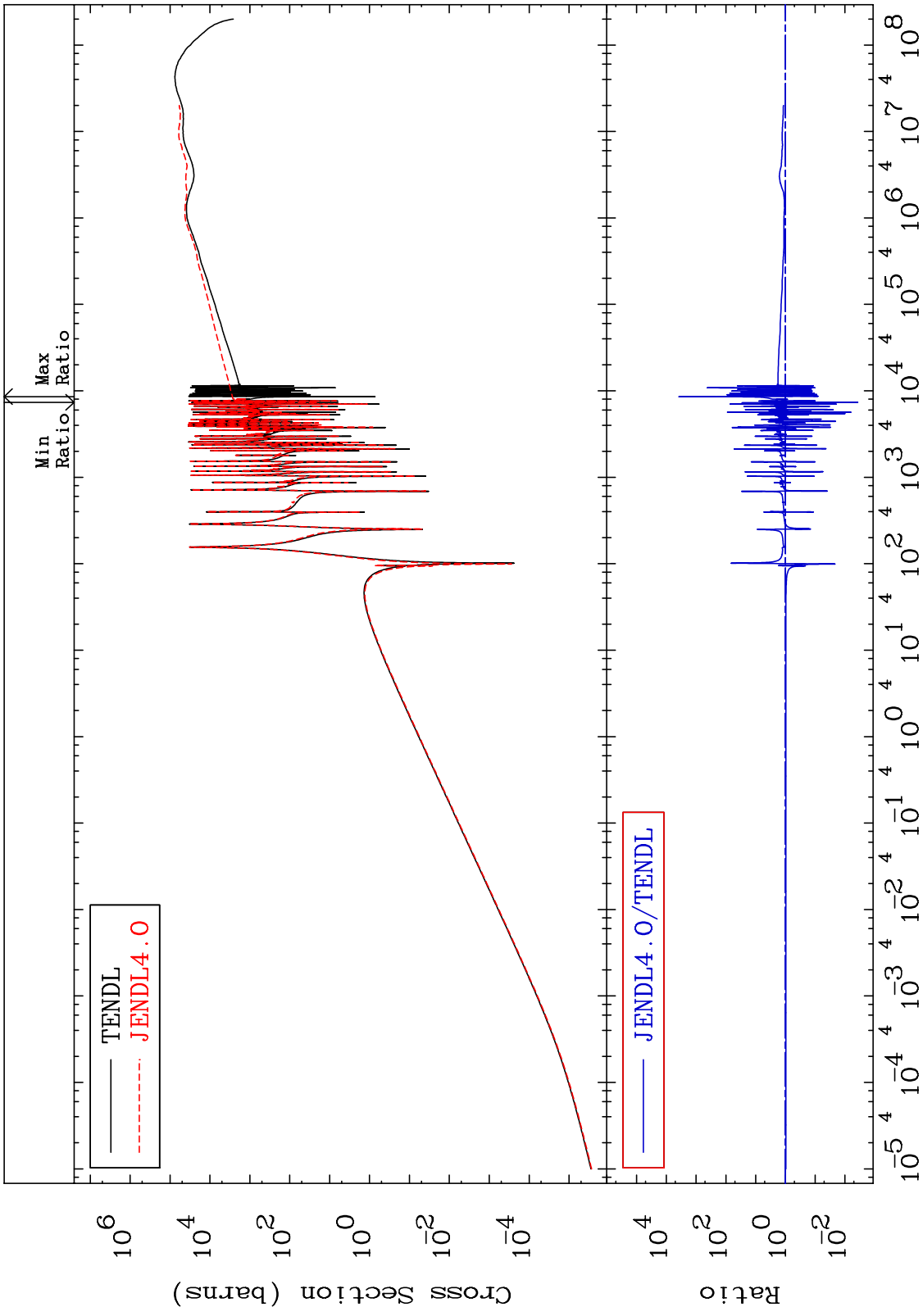
60-Nd-148

MAT 6043 He-4 Production Cross Section 60-Nd-148
 -41.94 To 9999. %

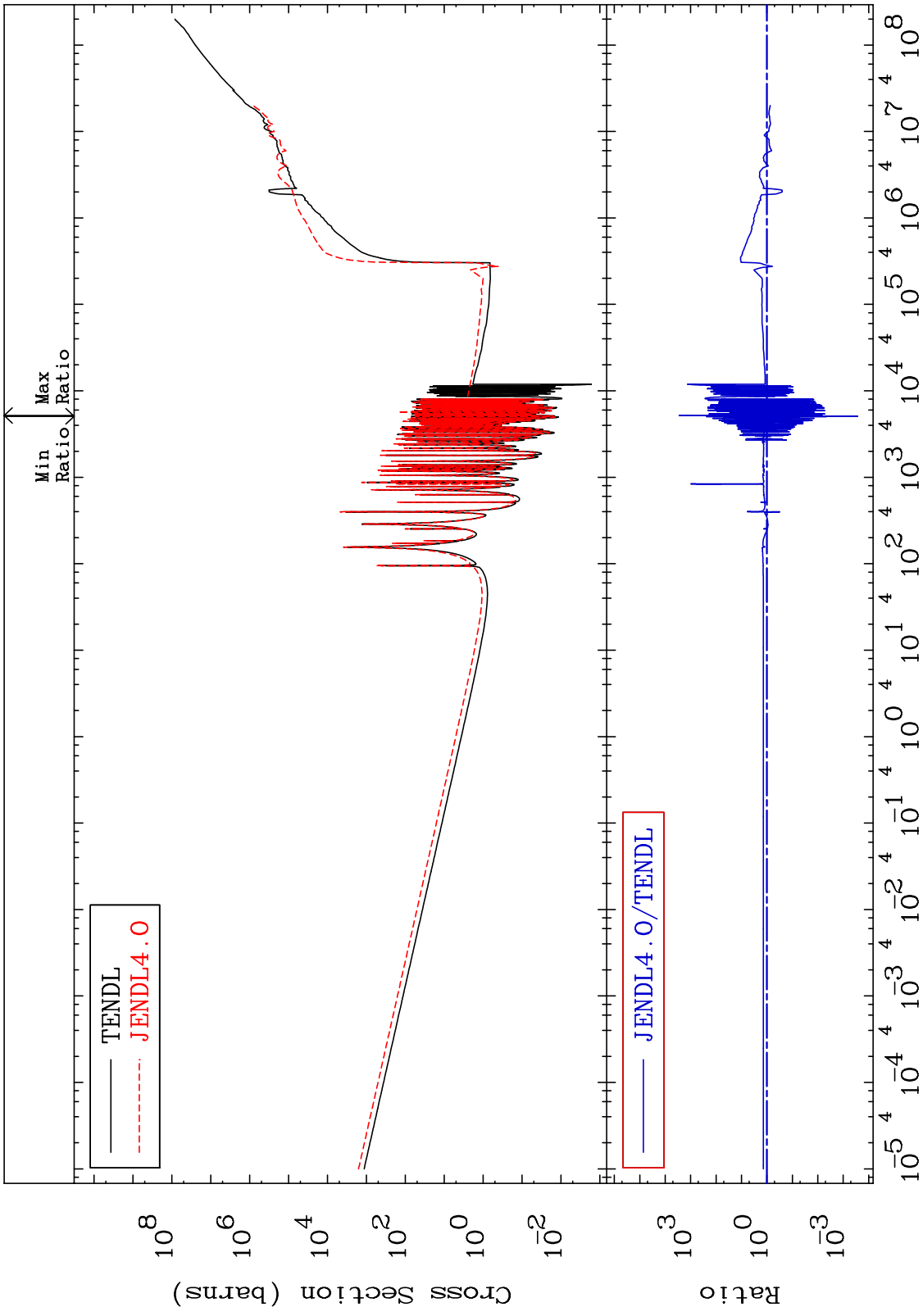


MAT 6043 Kerma total (eV-barns) 60-Nd-148
 Cross Section -99.62 To 9999. %

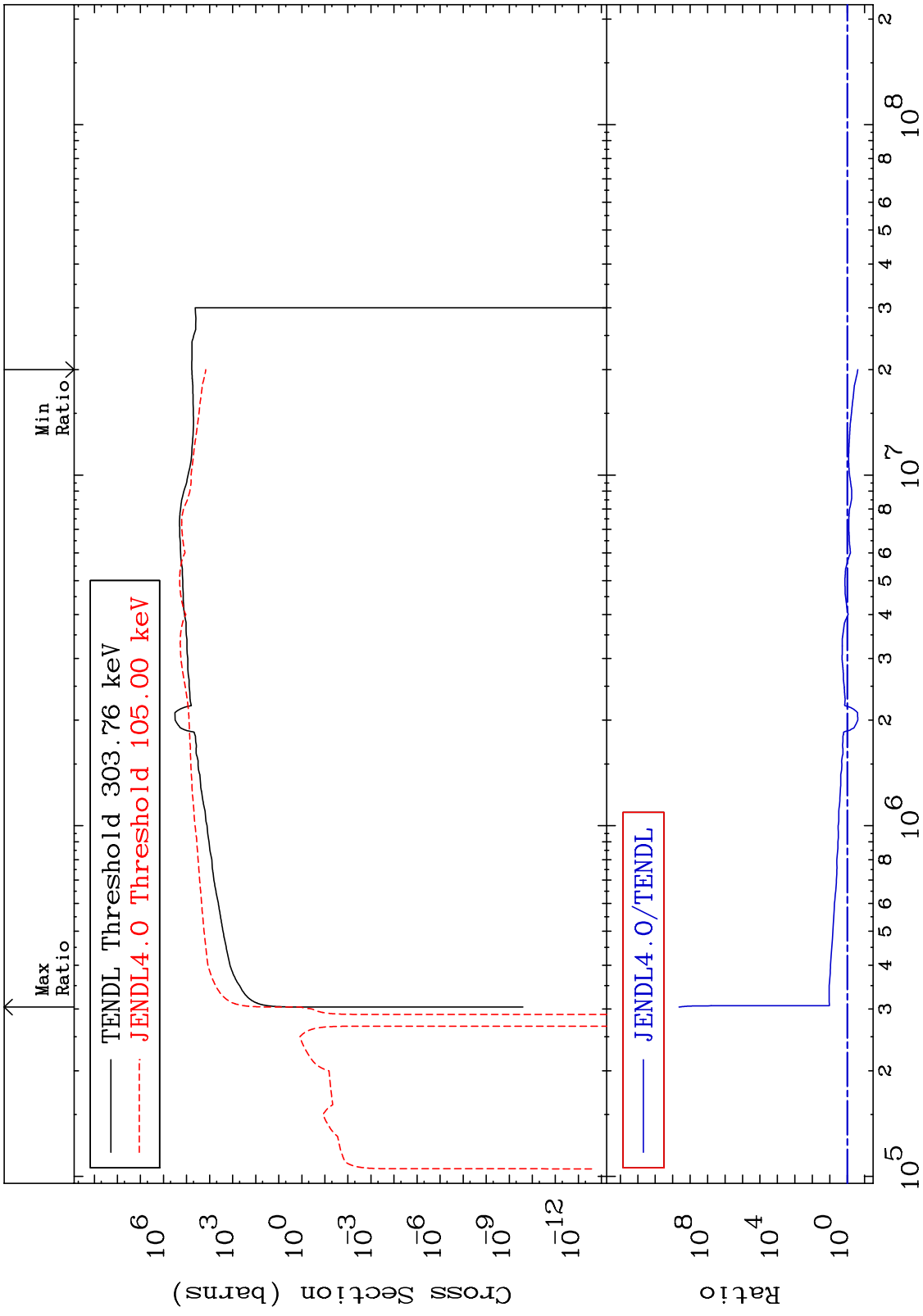




MAT 6043 Kerma non-elastic (all but mt2) 60-Nd-148
 Cross Section -99.97 To 9999. %



MAT 6043 Kerma inelastic (mt51-91) 60-Nd-148
 Cross Section -75.36 To 9999. %

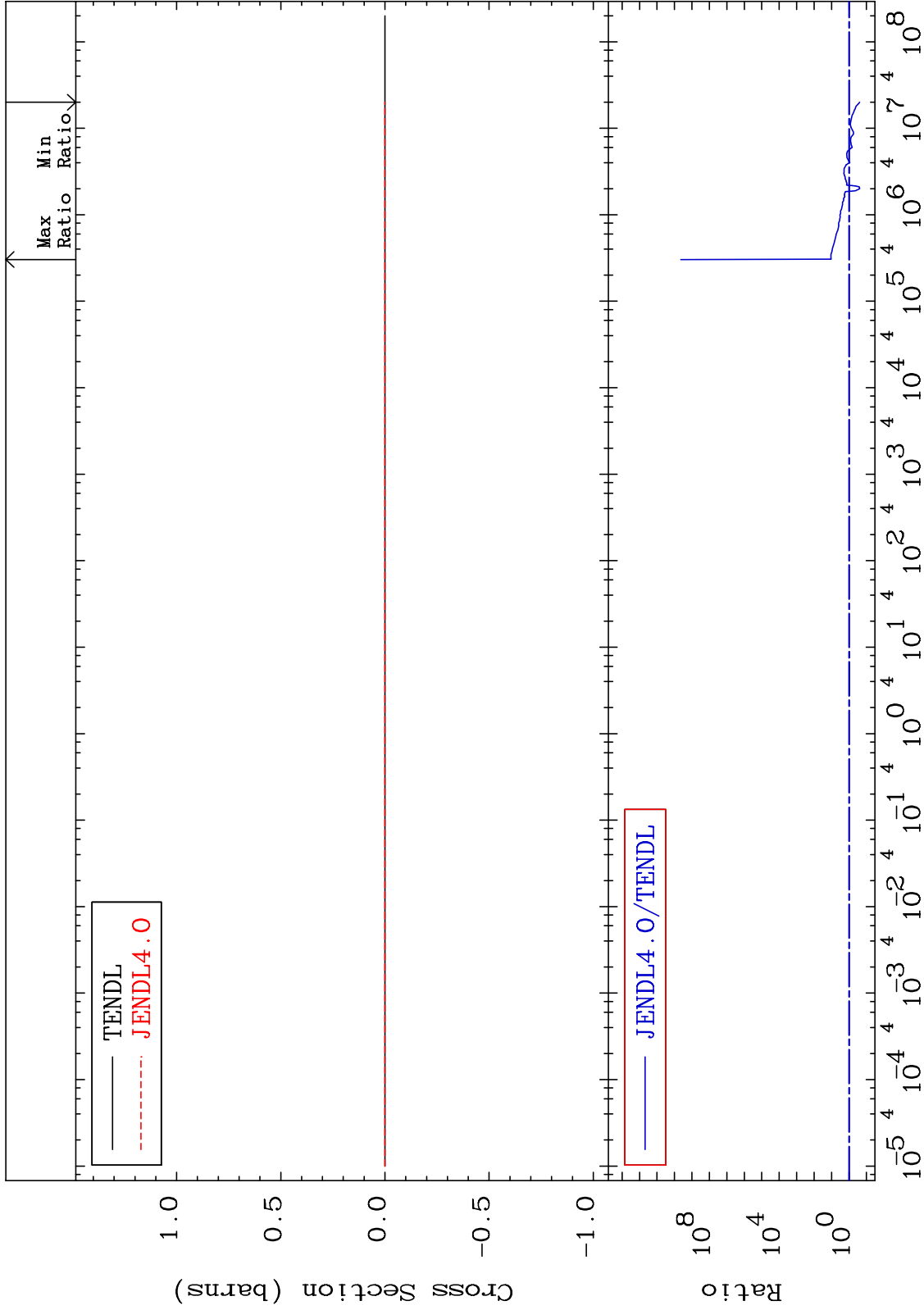


56 Incident Energy (eV) 60-Nd-148

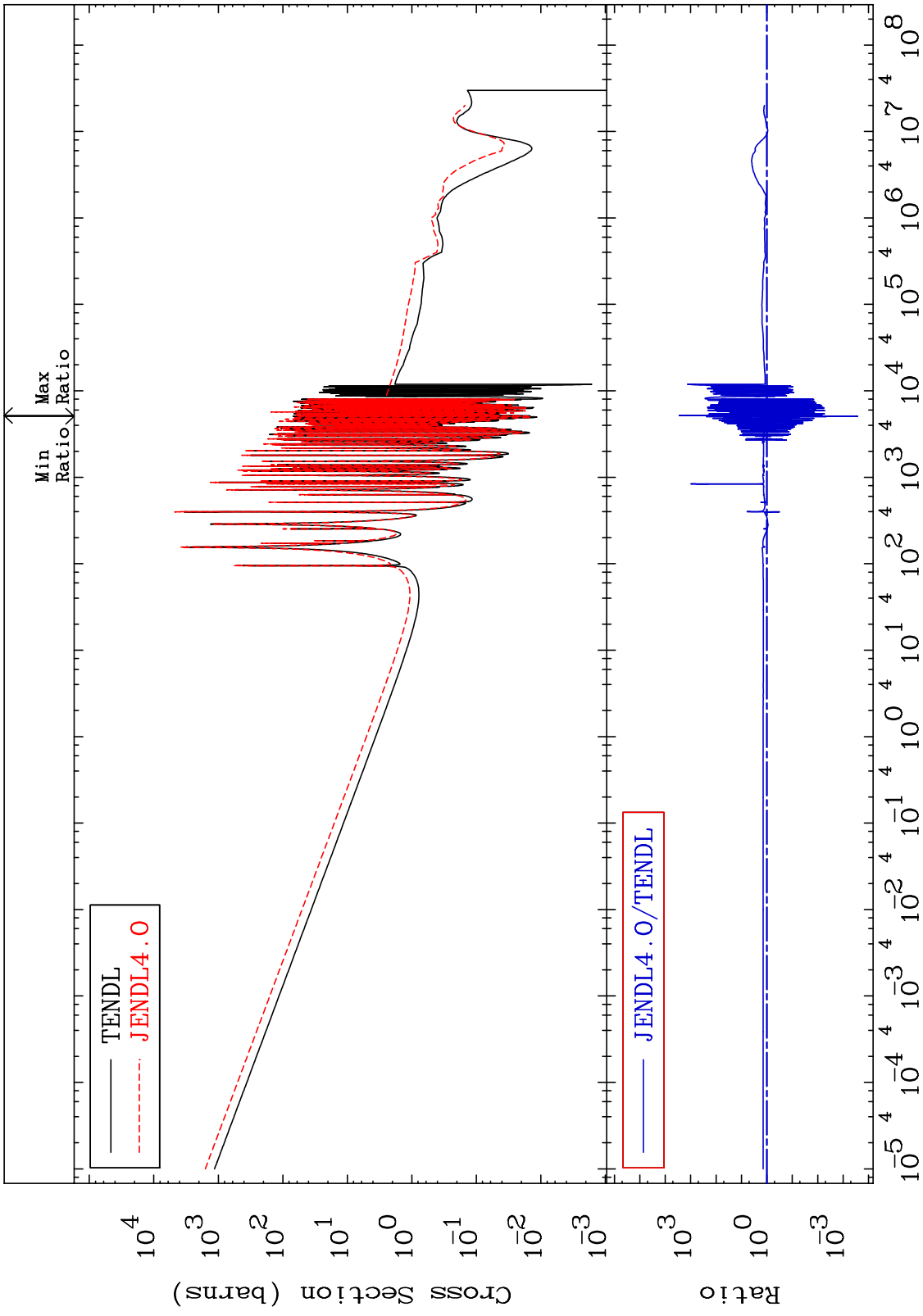
MAT 6043

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

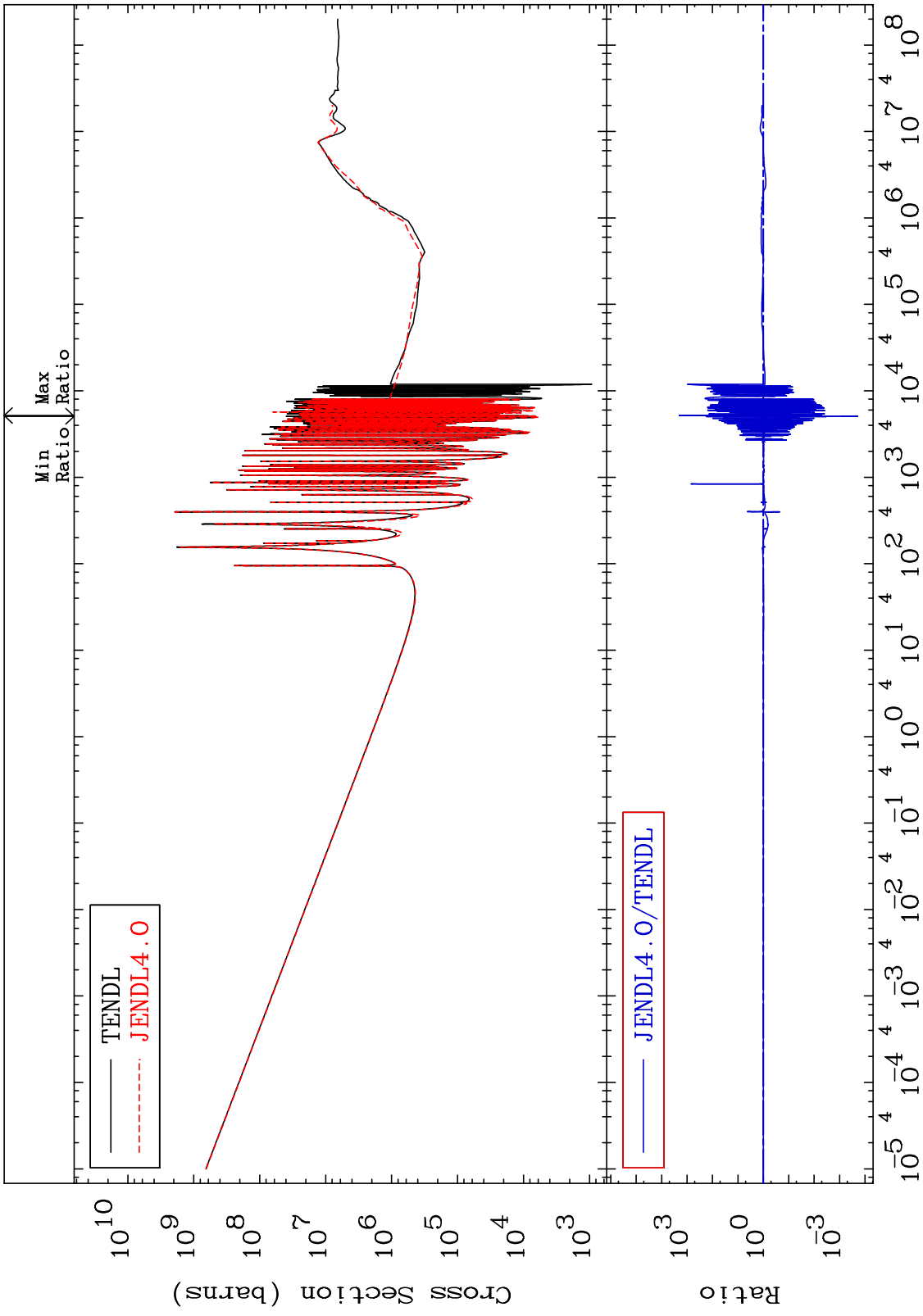
60-Nd-148
-75.36 To 9999. %



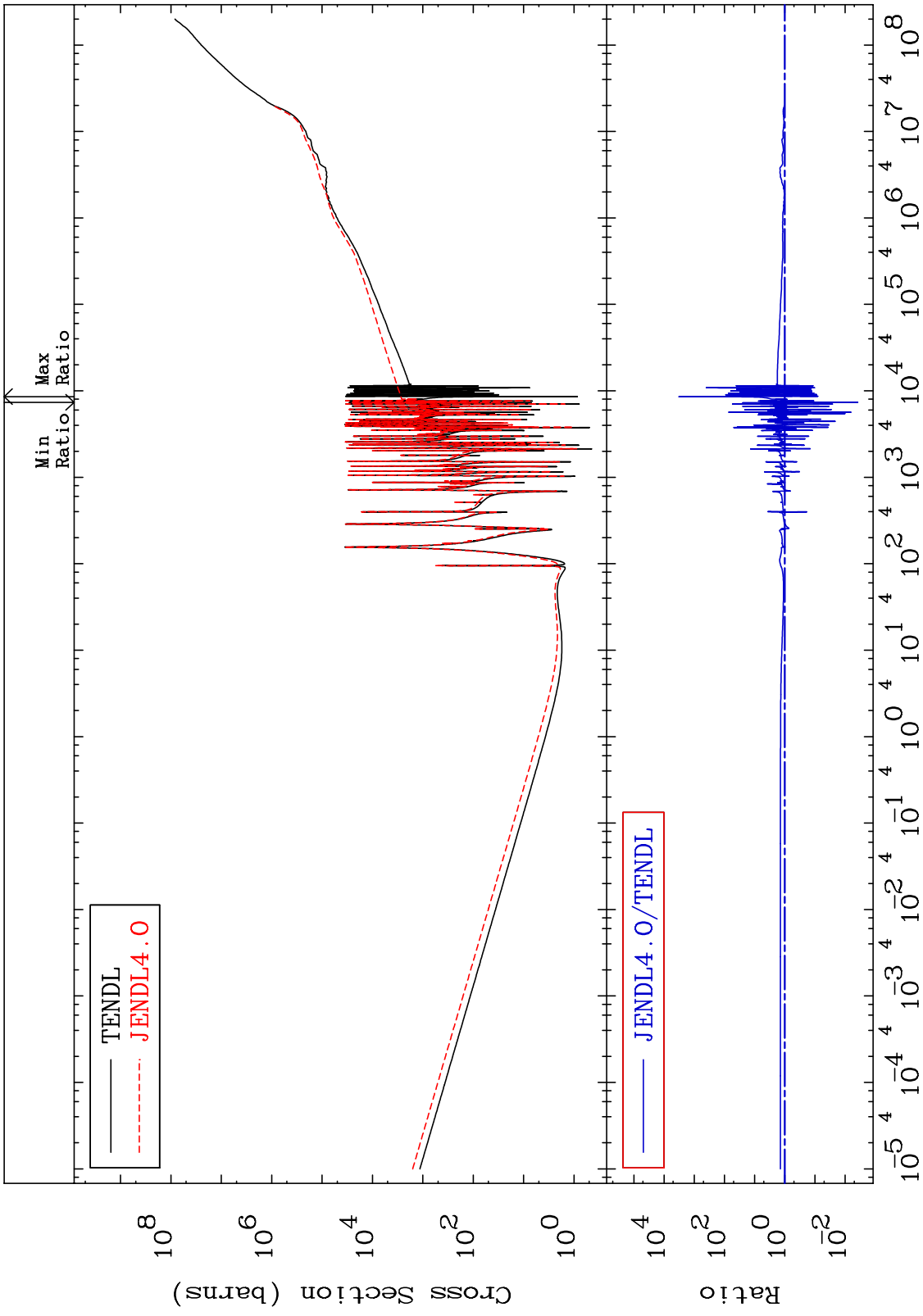
MAT 6043 Kerma capture (mt102) 60-Nd-148
 Cross Section -99.97 To 9999. %



MAT 6043 Total photon (eV-barns) Cross Section 60-Nd-148
 -99.98 To 9999. %

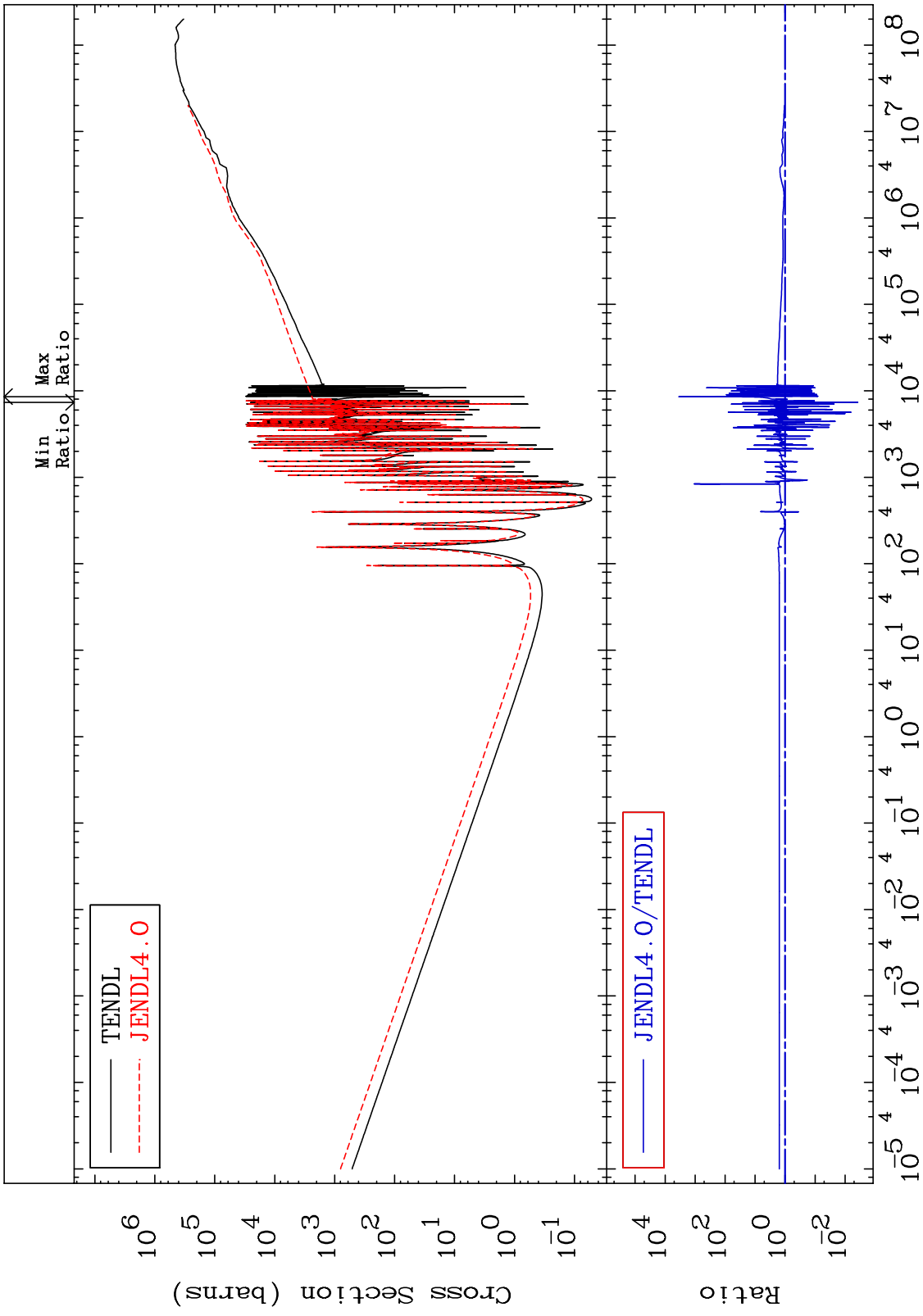


MAT 6043 Total kinematic kerma (high limit) 60-Nd-148
Cross Section -99.62 To 9999. %



60 60-Nd-148

MAT 6043 Dpa total (eV-barns) 60-Nd-148
 Cross Section -99.62 To 9999. %

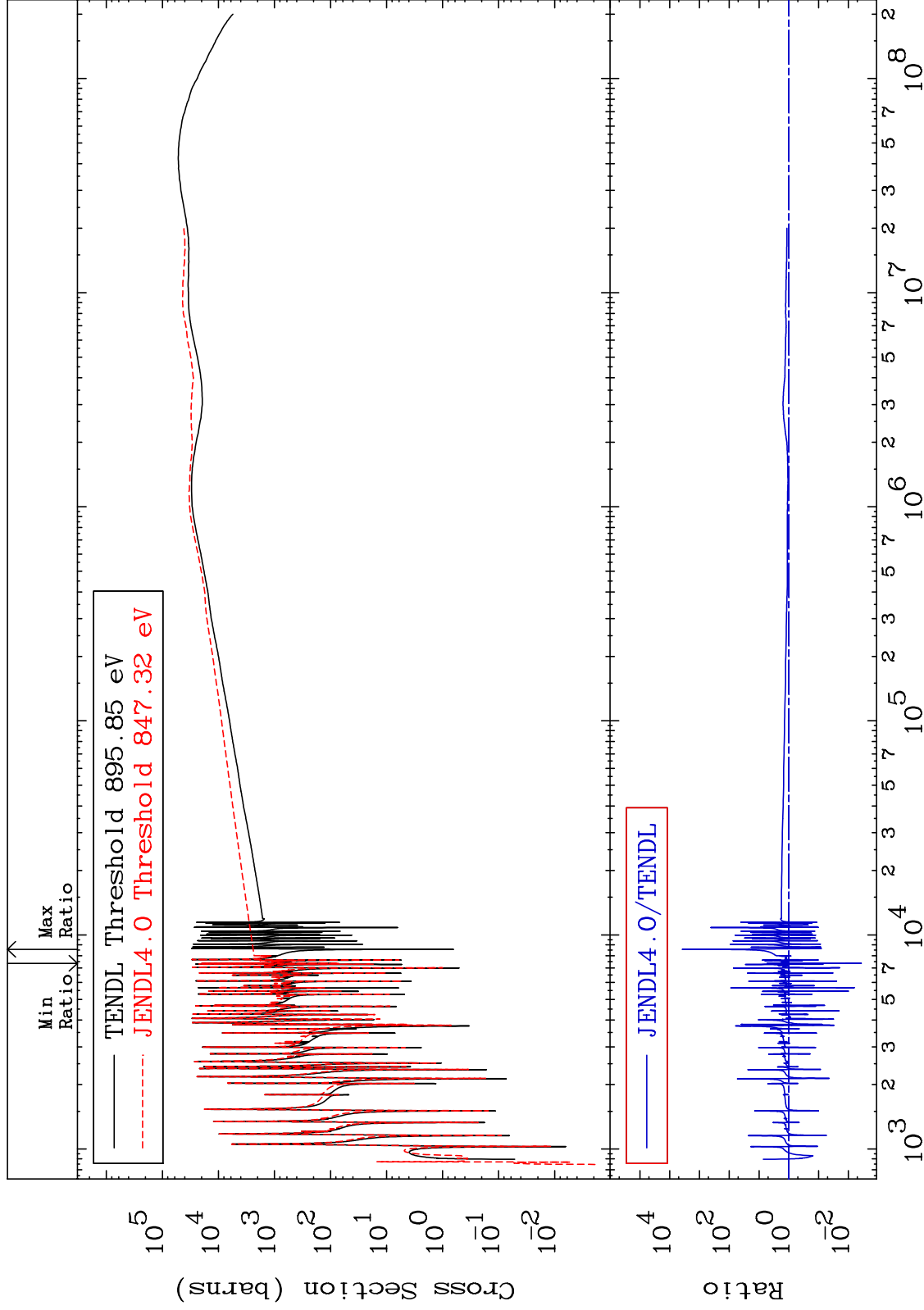


61 Incident Energy (eV) 60-Nd-148

MAT 6043

Dpa elastic (mt2)
Cross Section

60-Nd-148
-99.63 To 9999. %



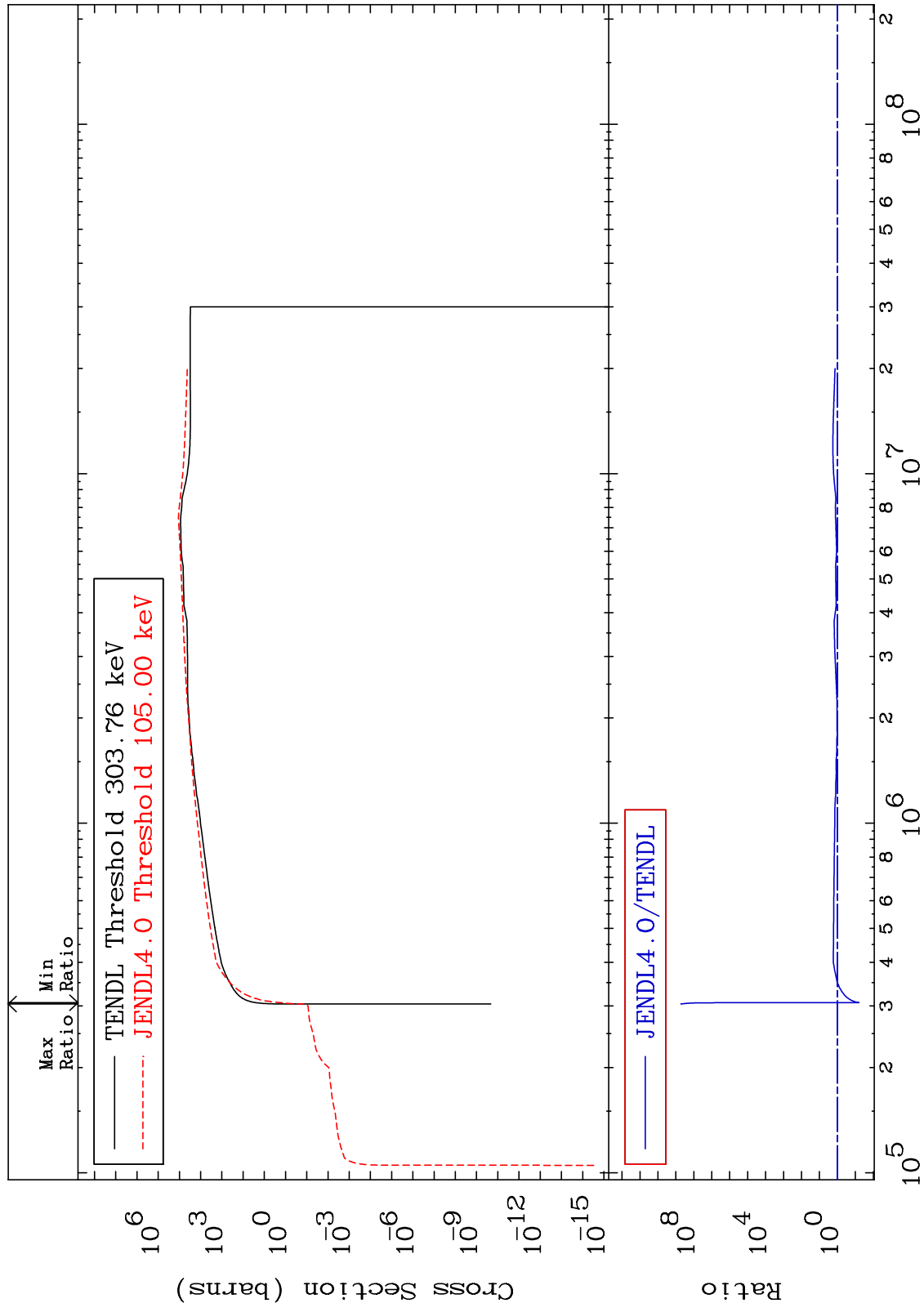
62

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)
Cross Section

60-Nd-148
-93.78 To 9999. %



63

Incident Energy (eV)

60-Nd-148

MAT 6043 Dpa disappearance (mt102 -120) 60-Nd-148
 Cross Section -99.97 To 9999. %

