

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

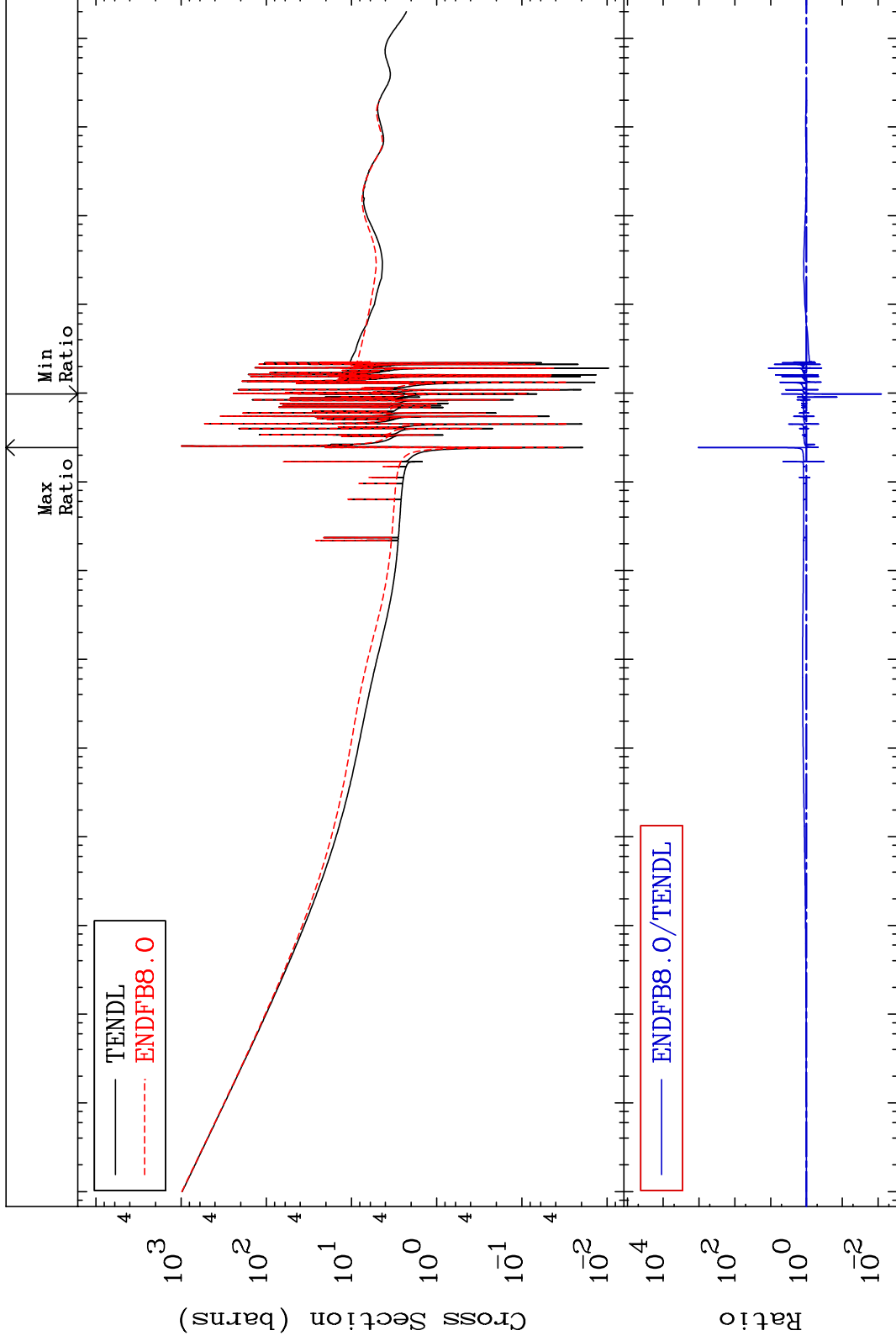
MAT 6025

Total

60-Nd-142

Cross Section

-99.20 To 9999. %



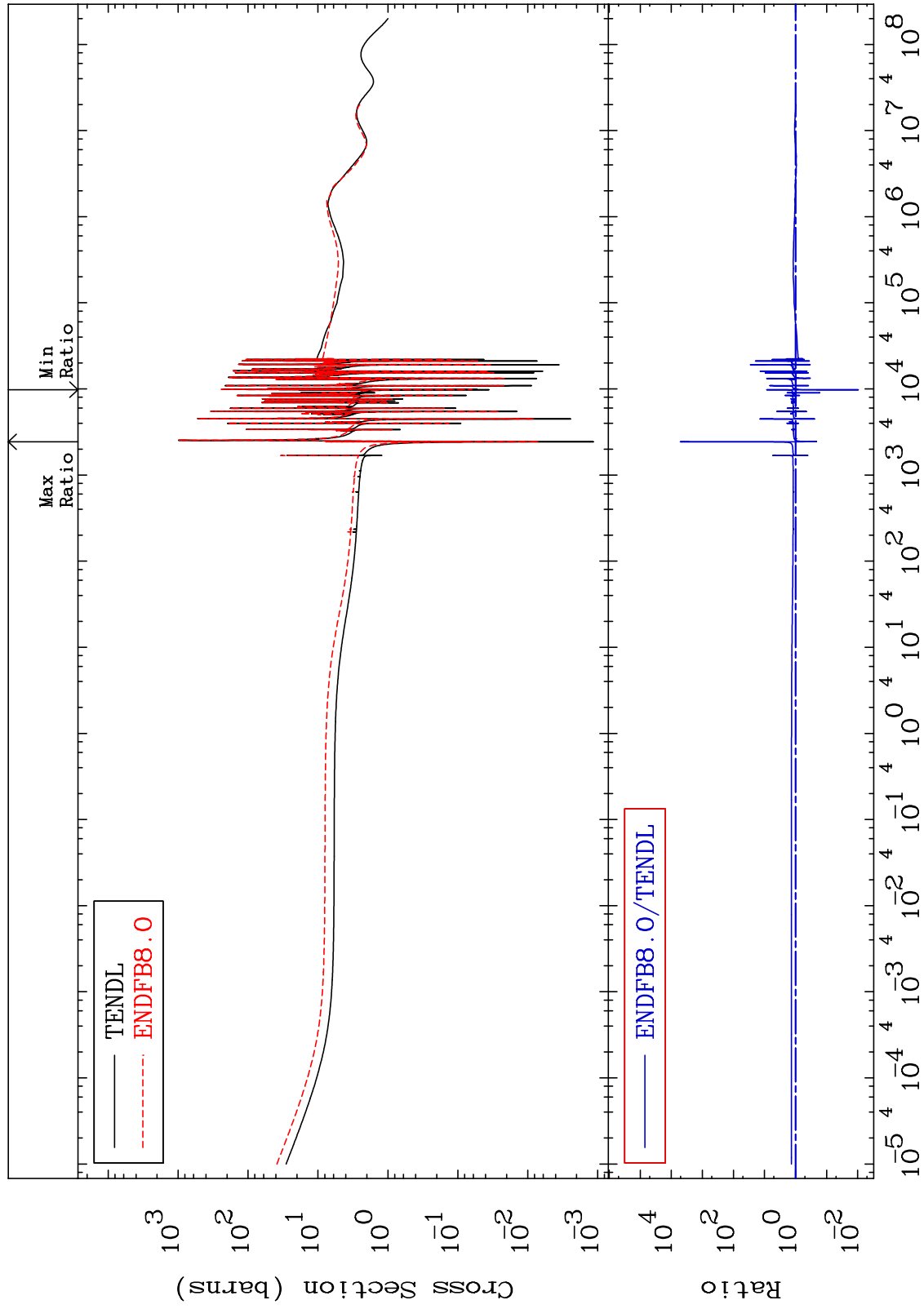
Incident Energy (eV)

60-Nd-142

MAT 6025

Elastic
Cross Section

60-Nd-142
-99.06 To 9999. %



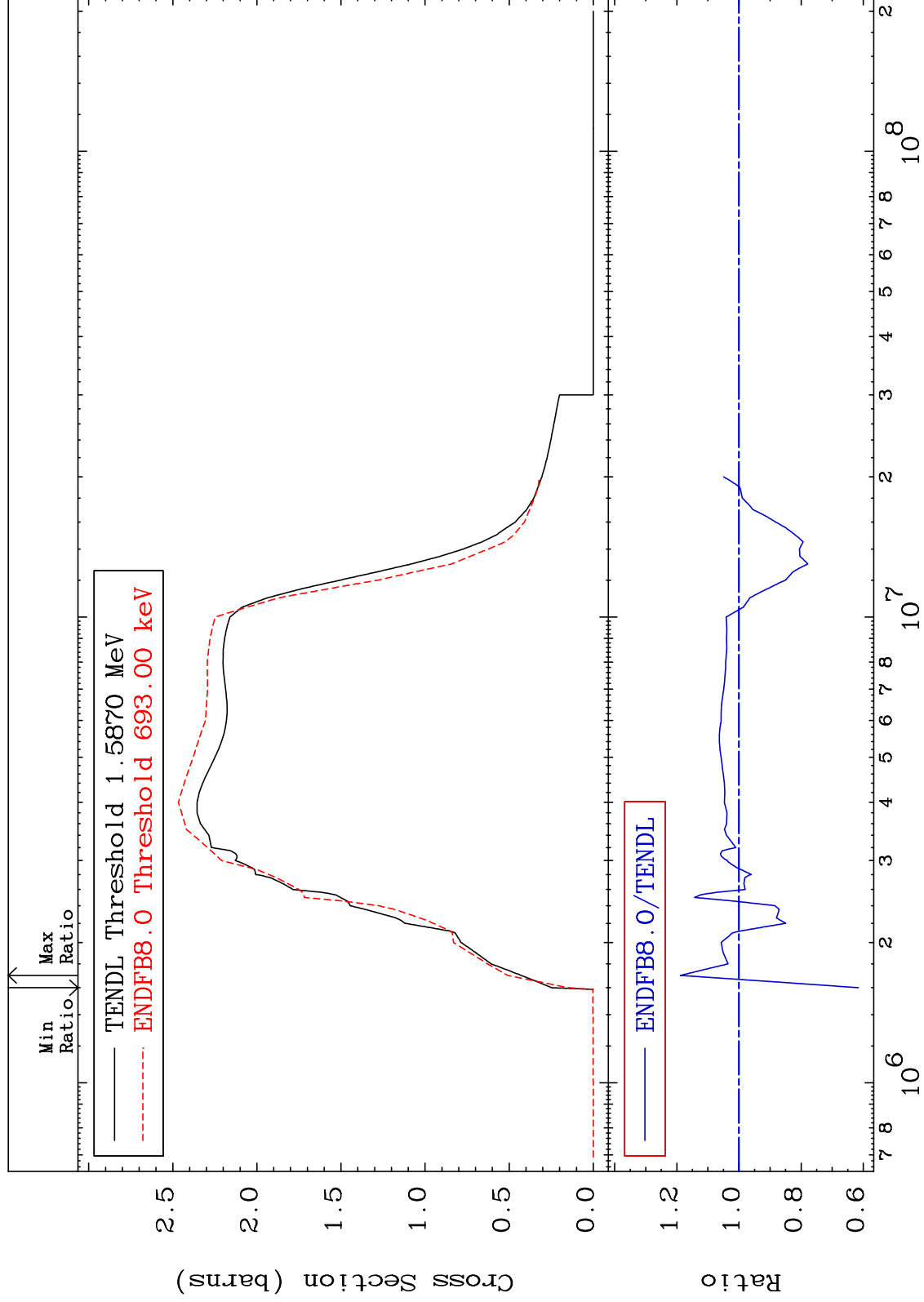
Incident Energy (eV)

60-Nd-142

MAT 6025

Inelastic
Cross Section

60-Nd-142
-38.47 To 18.83 %



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Incident Energy (eV)

60-Nd-142

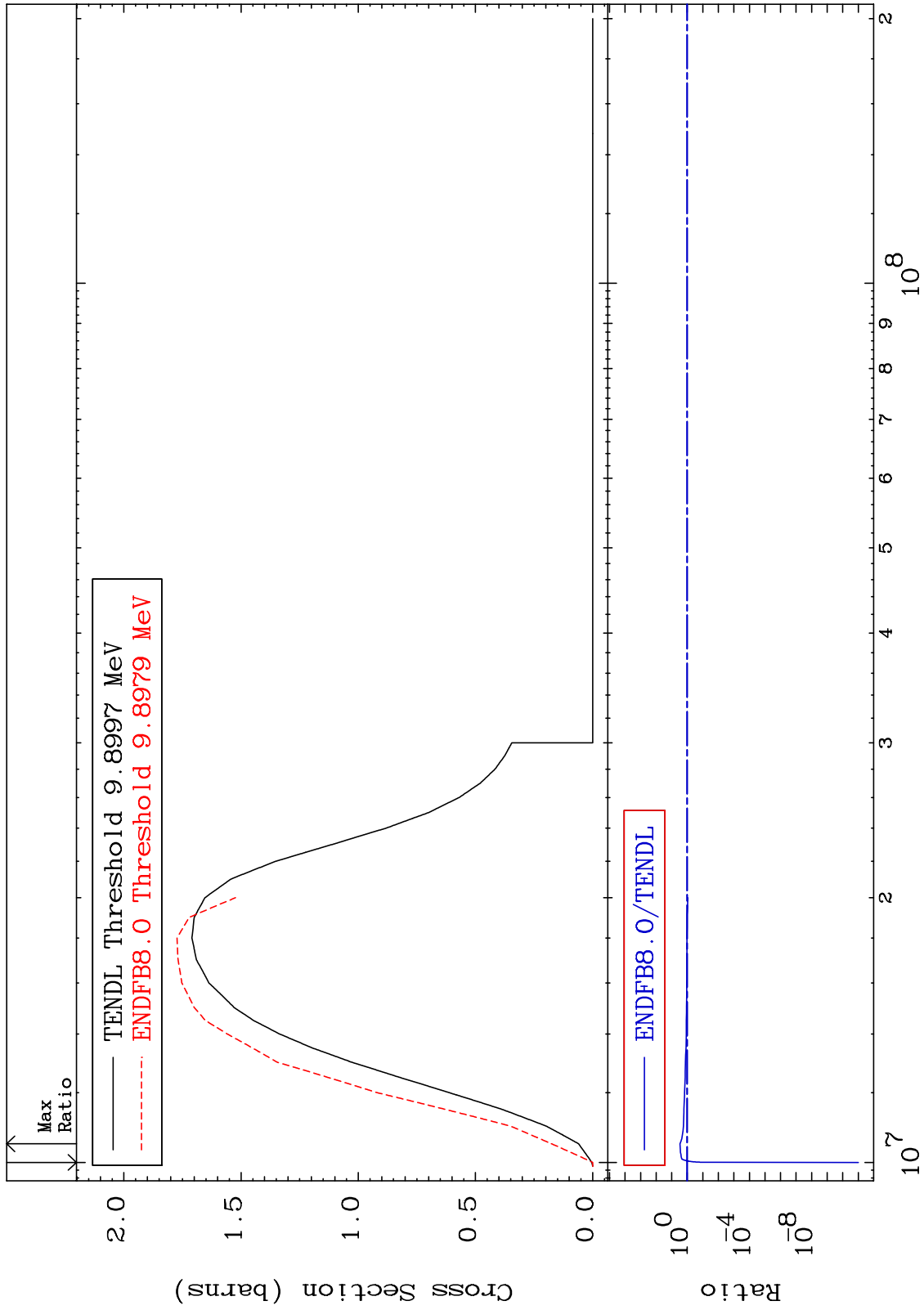
MAT 6025

(n,2n)

60-Nd-142

Cross Section

-100.0 To 192.0 %



60-Nd-142

Incident Energy (eV)

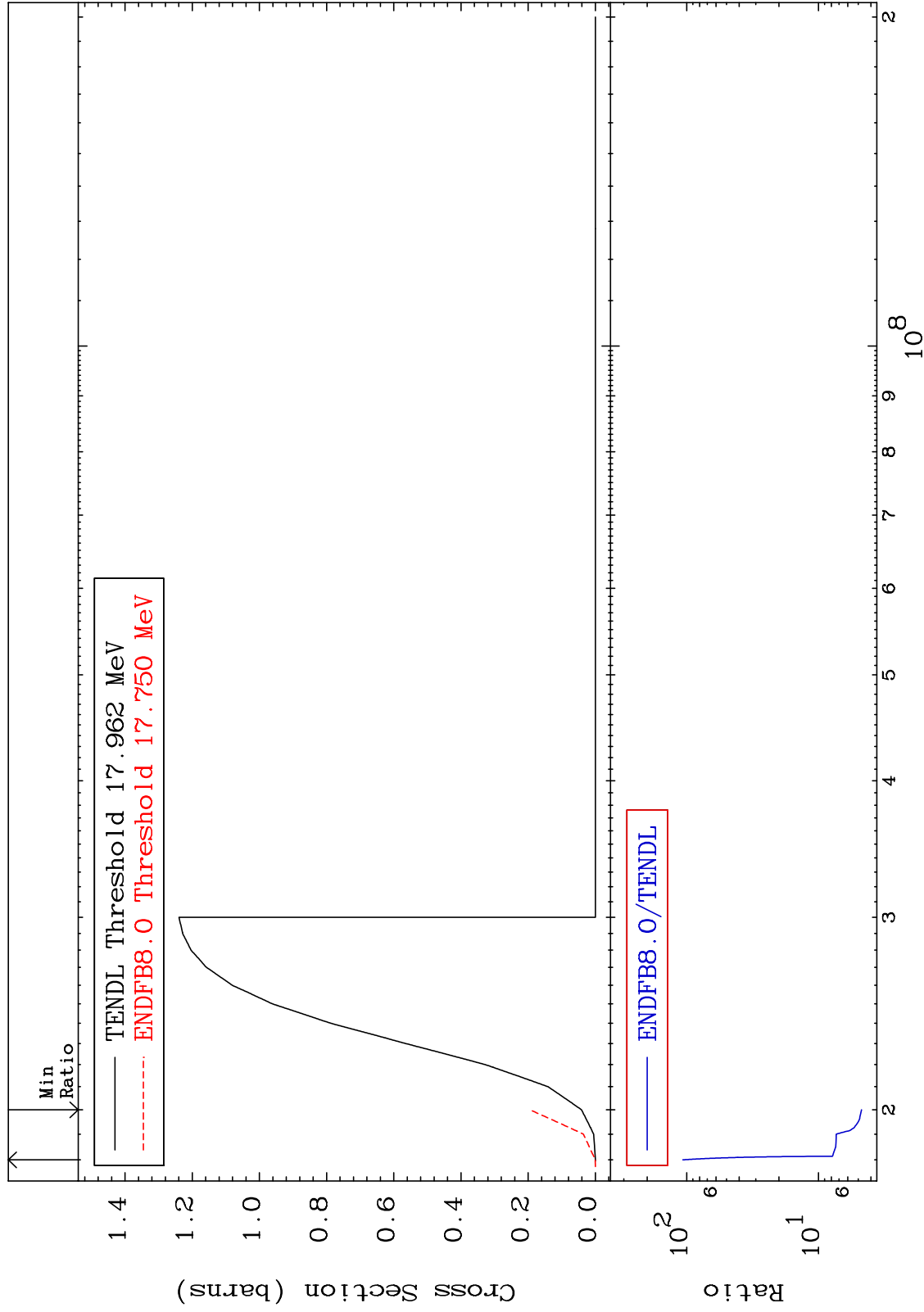
MAT 6025

(n,3n)

60-Nd-142

Cross Section

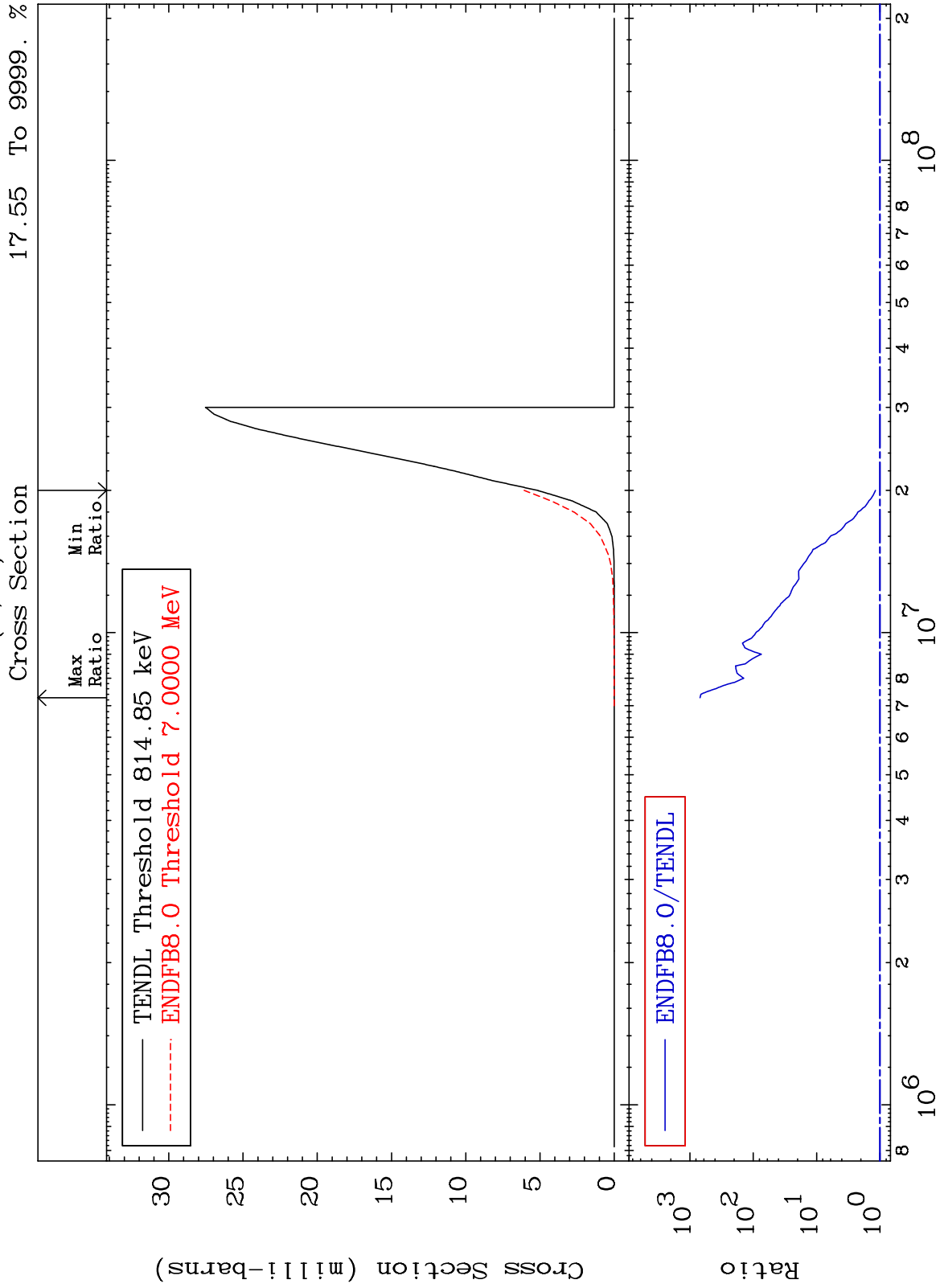
371.5 To 9999. %



MAT 6025

(n, n') α

60-Nd-142
17.55 To 9999. %



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Incident Energy (eV)

60-Nd-142

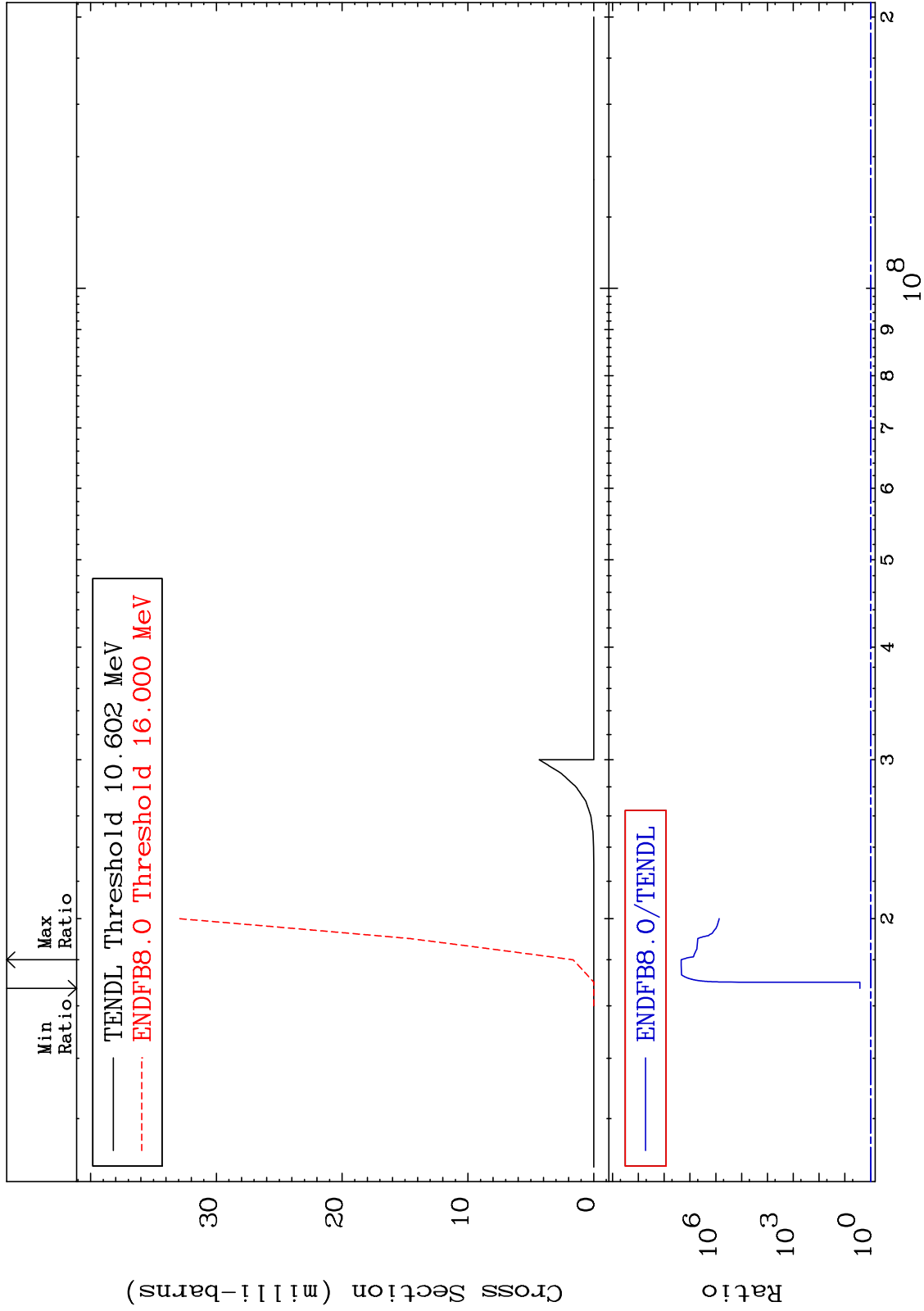
MAT 6025

(n,2n) α

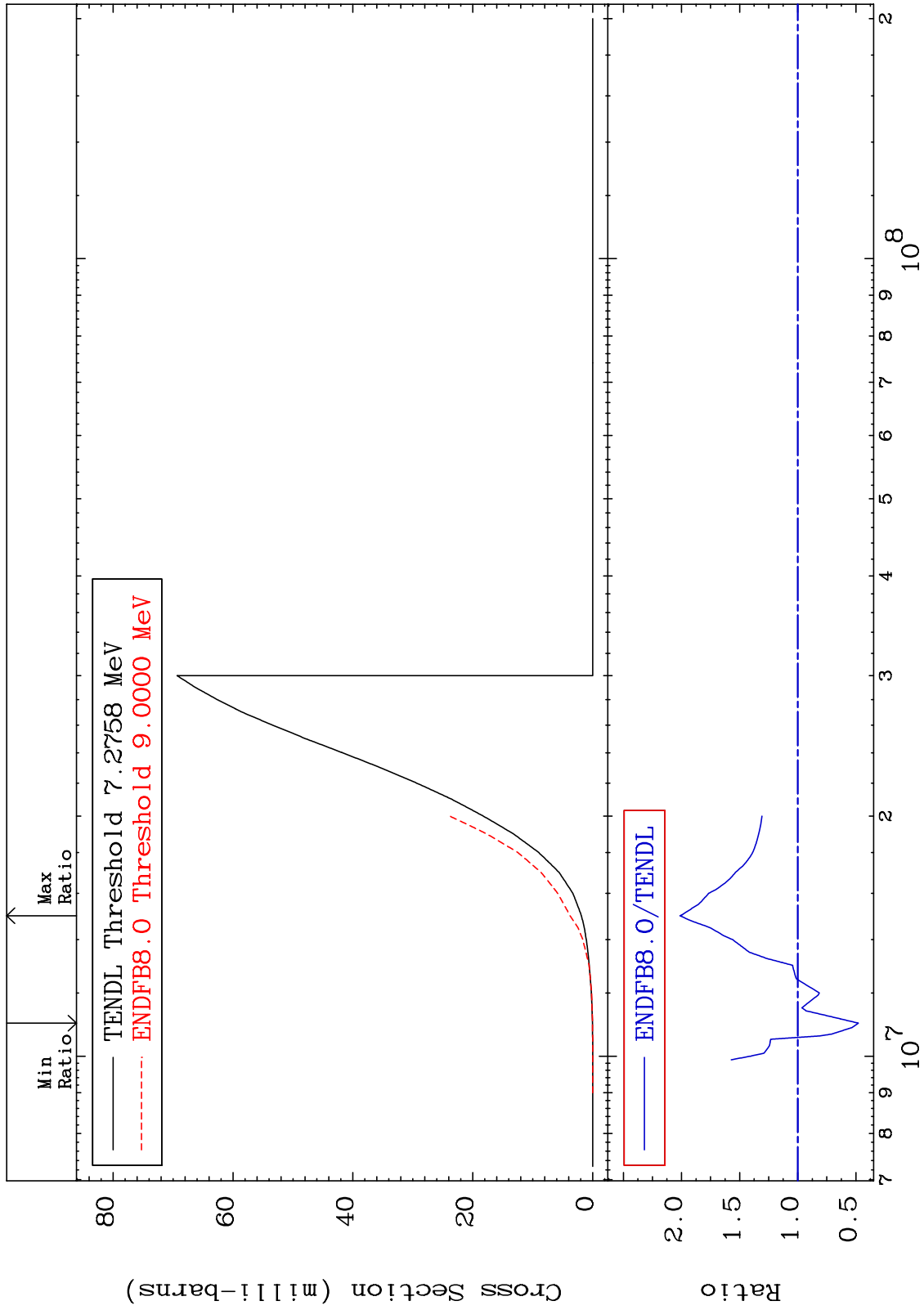
60-Nd-142

159.9 To 9999. %

Cross Section



MAT 6025 (n, n') p 60-Nd-142
Cross Section -52.18 To 101.3 %

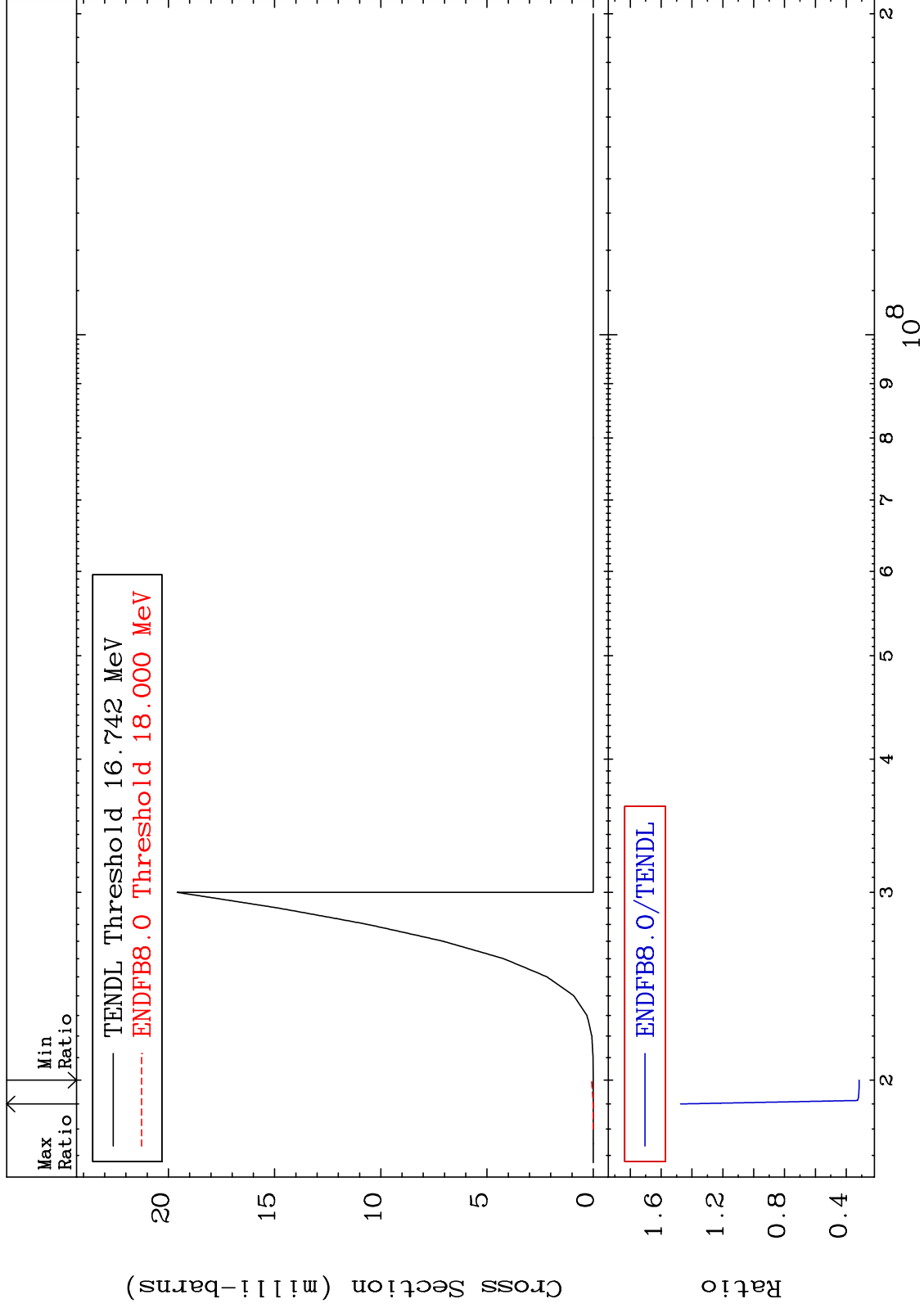


8 8 9 9 10 10 2 2
60-Nd-142

MAT 6025

(n,2n) p
Cross Section

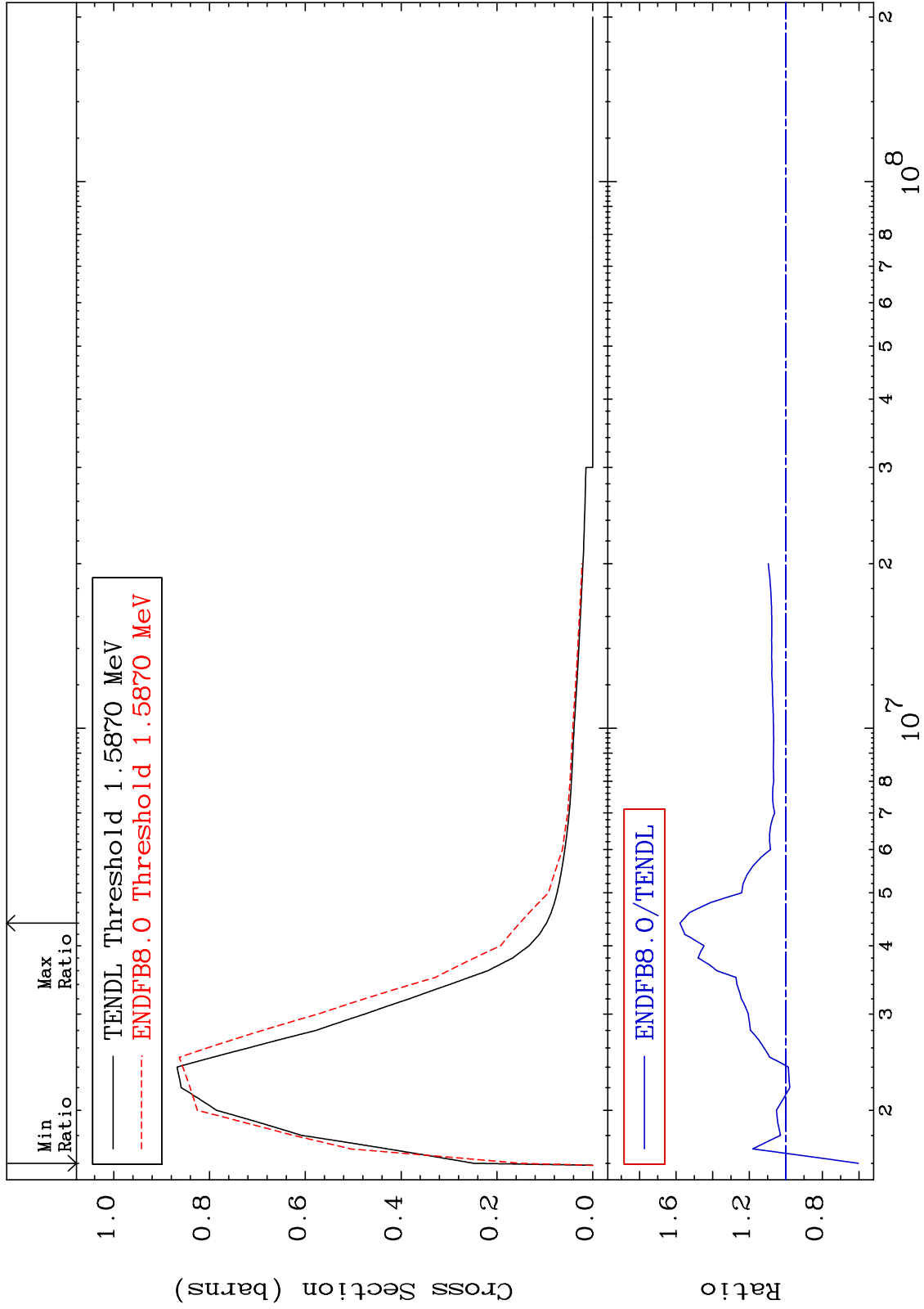
60-Nd-142
9999. To 9999. %



MAT 6025

MT= 51 (n,n') Level
Cross Section

60-Nd-142
-39.69 To 57.84 %

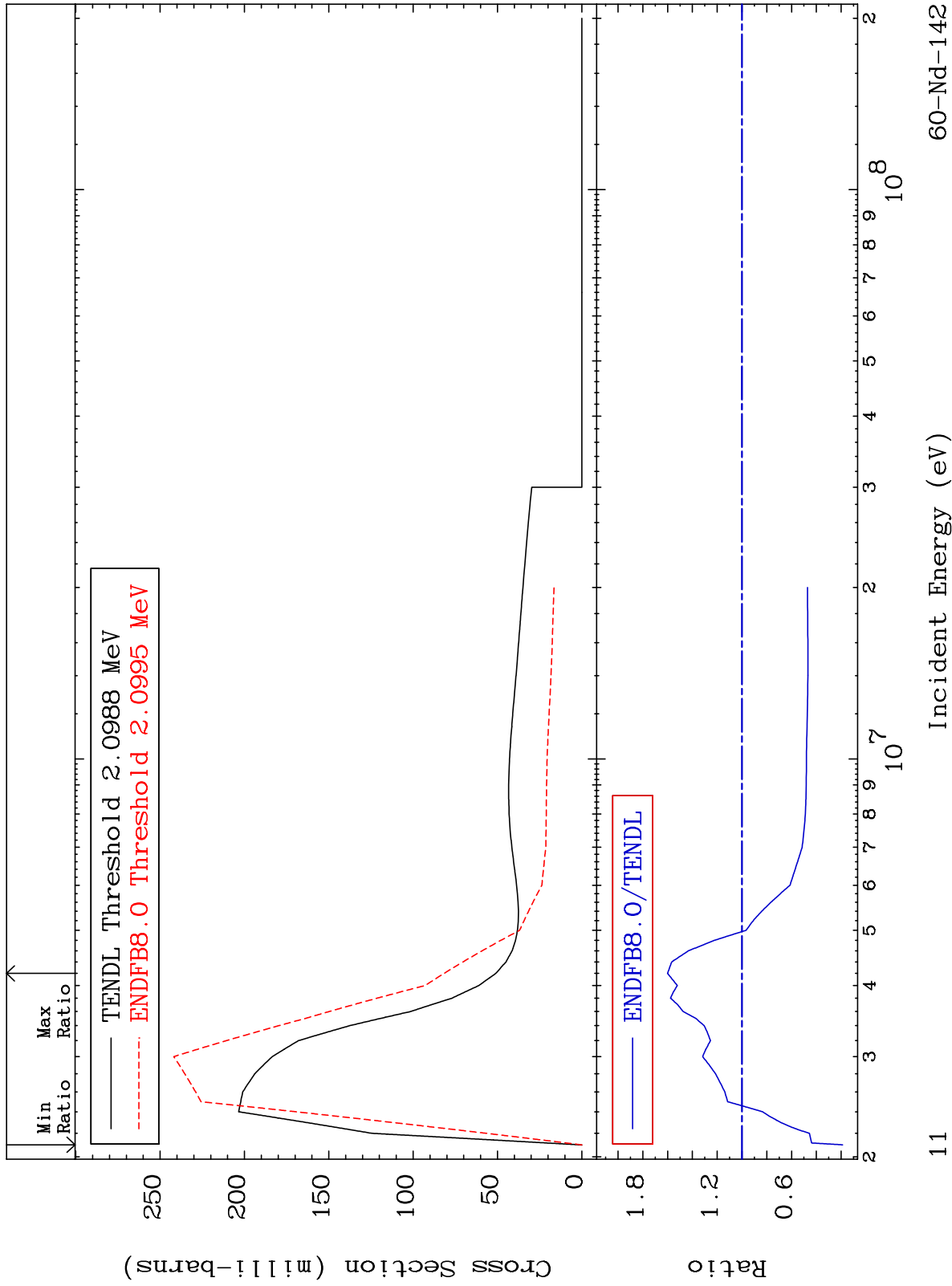


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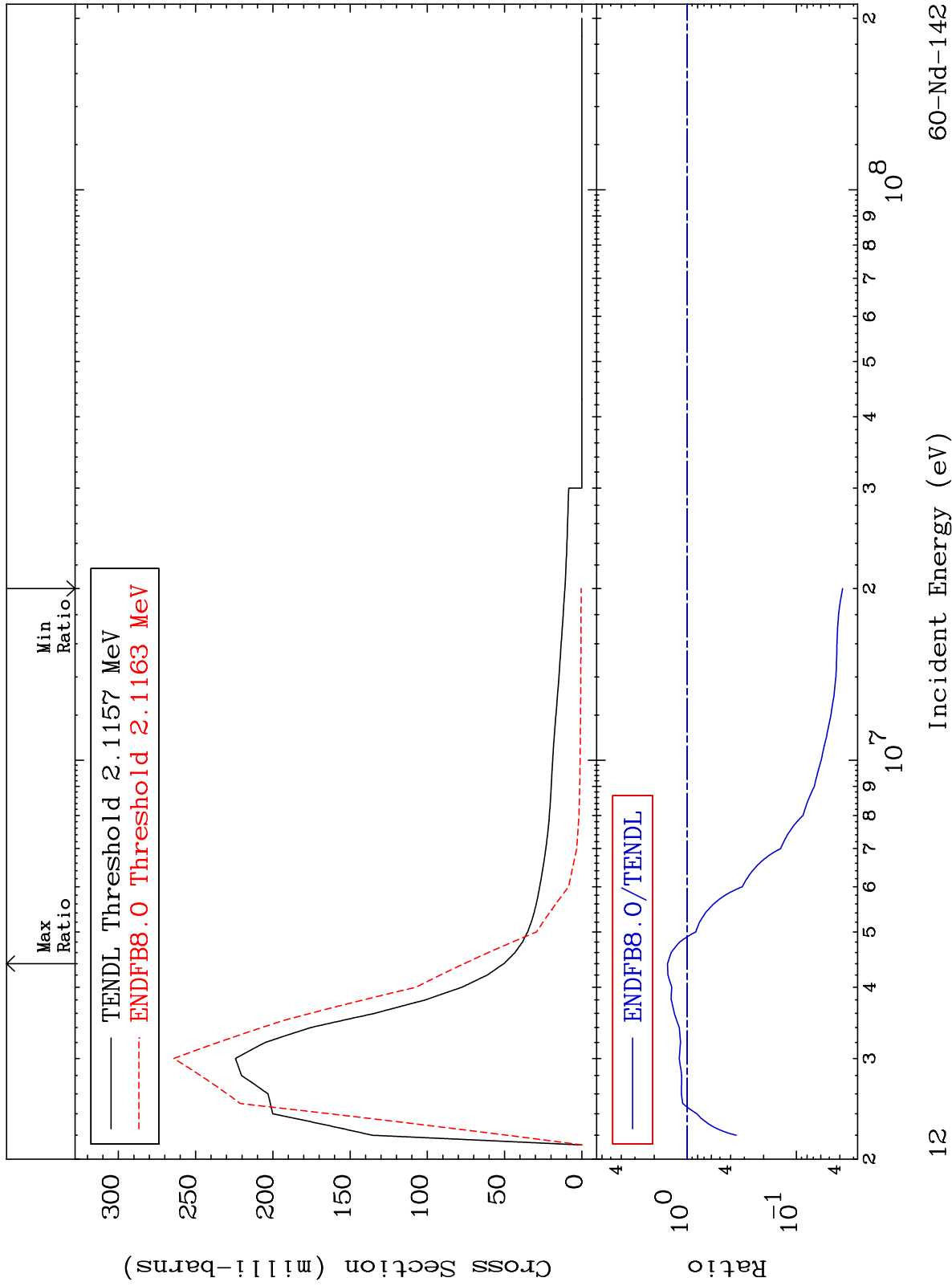
Incident Energy (eV)

60-Nd-142

MAT 6025 MT= 52 (n,n') Level Cross Section 60-Nd-142
 -81.22 To 60.05 %



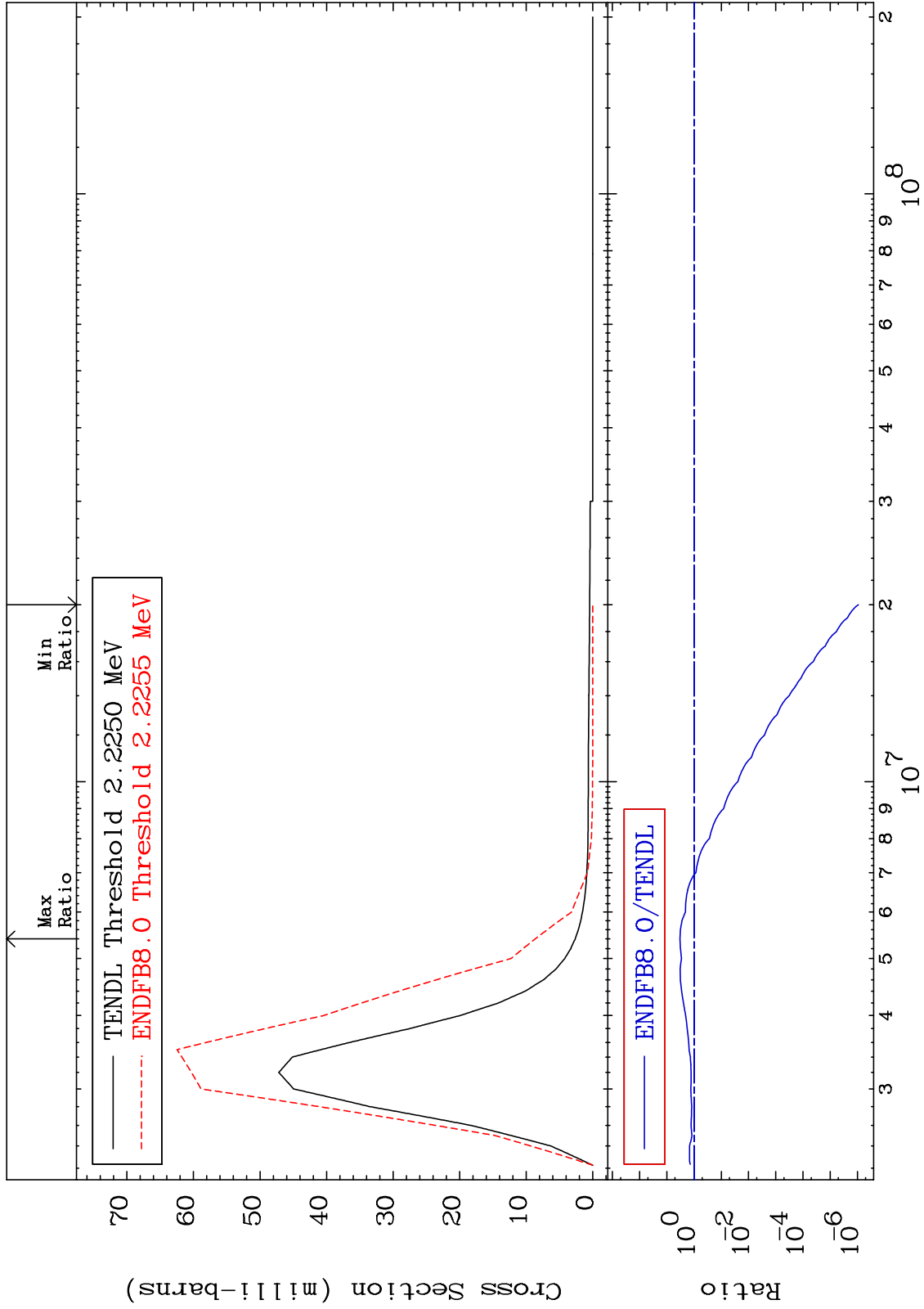
MAT 6025 MT= 53 (n,n') Level Cross Section 60-Nd-142
 -96.22 To 50.95 %



MAT 6025

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

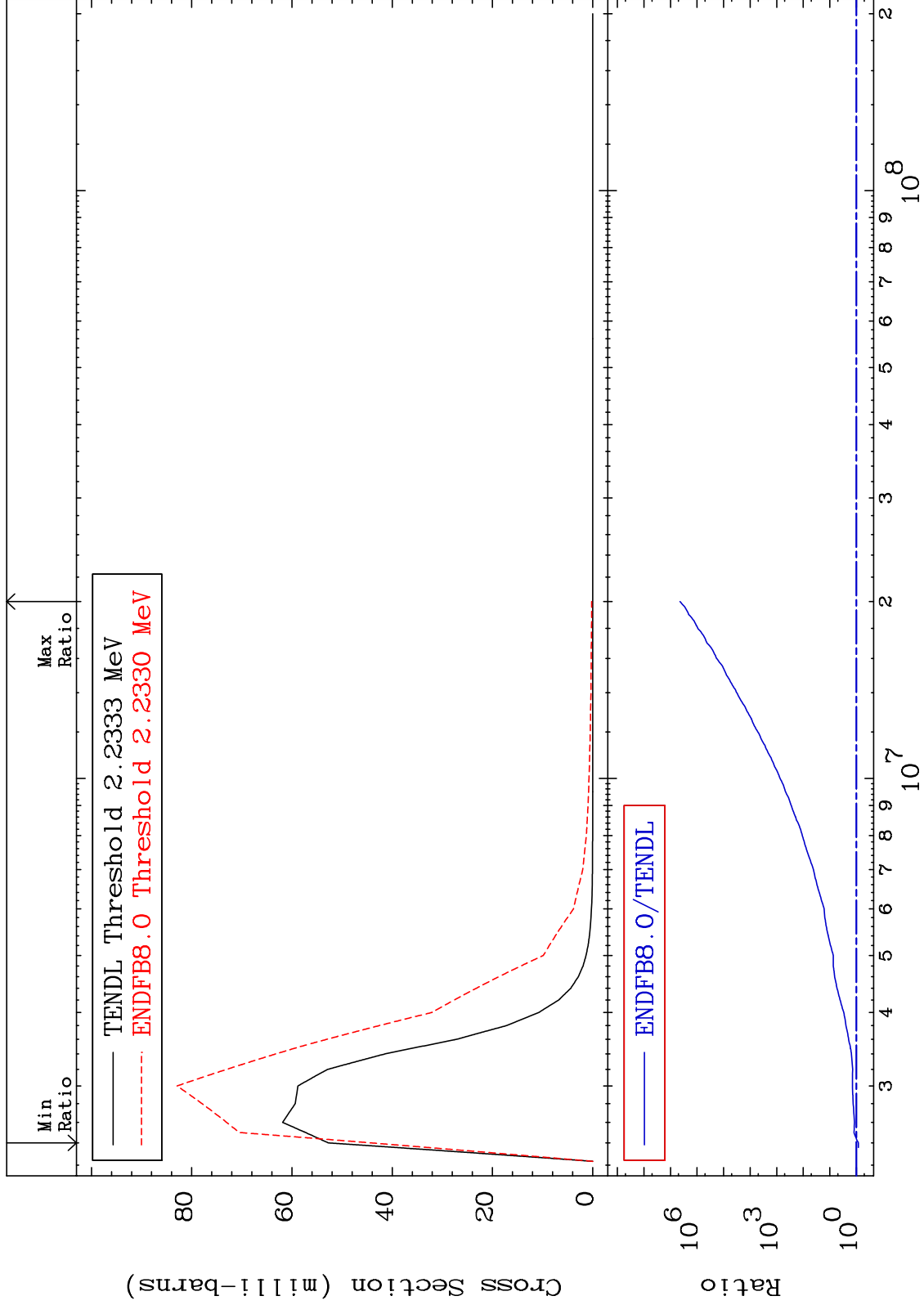
60-Nd-142
-100.0 To 228.2 %



MAT 6025

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

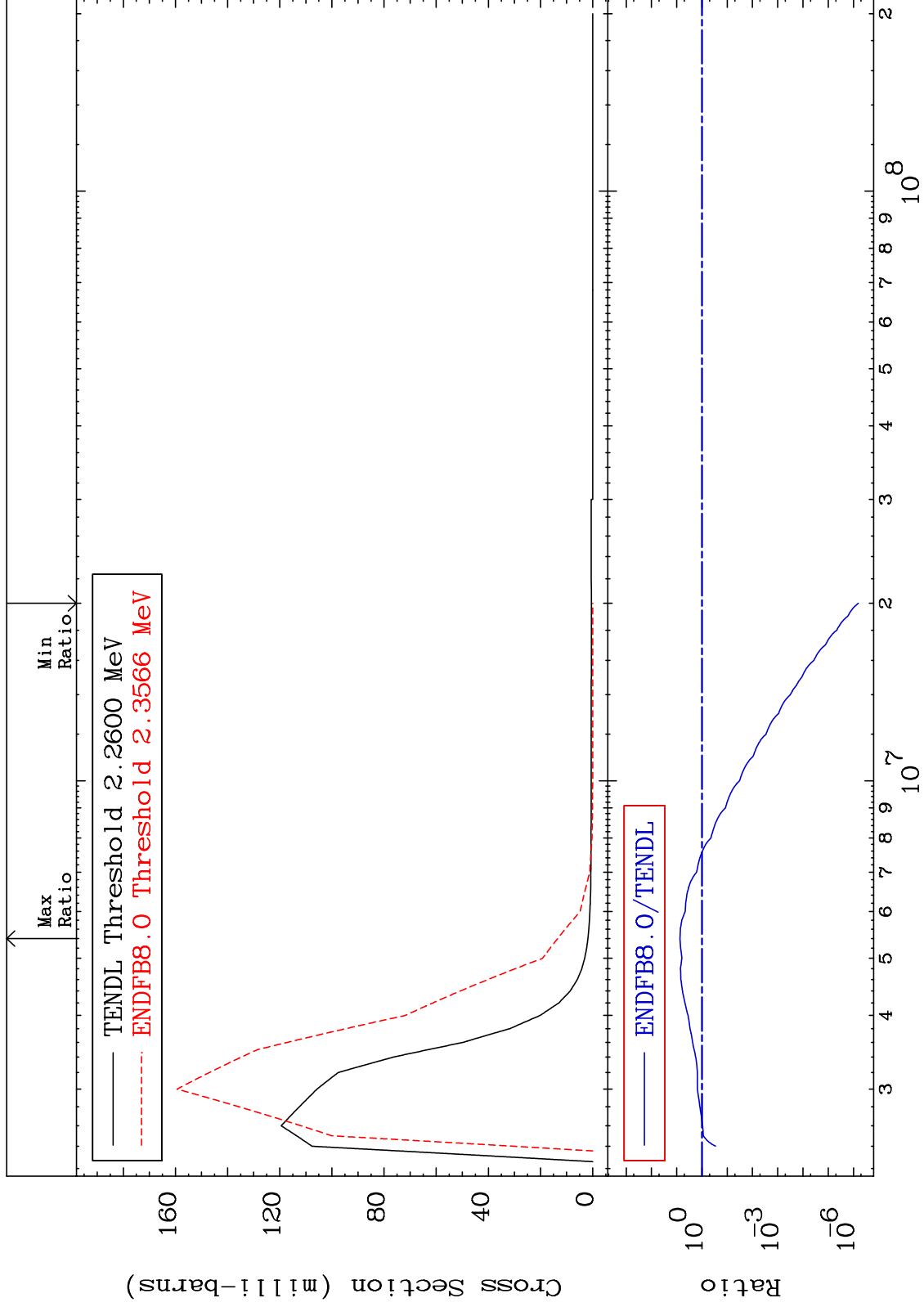
60-Nd-142
-16.38 To 9999. %



MAT 6025

MT= 56 (n,n') Level
Cross Section

60-Nd-142
-100.0 To 638.8 %

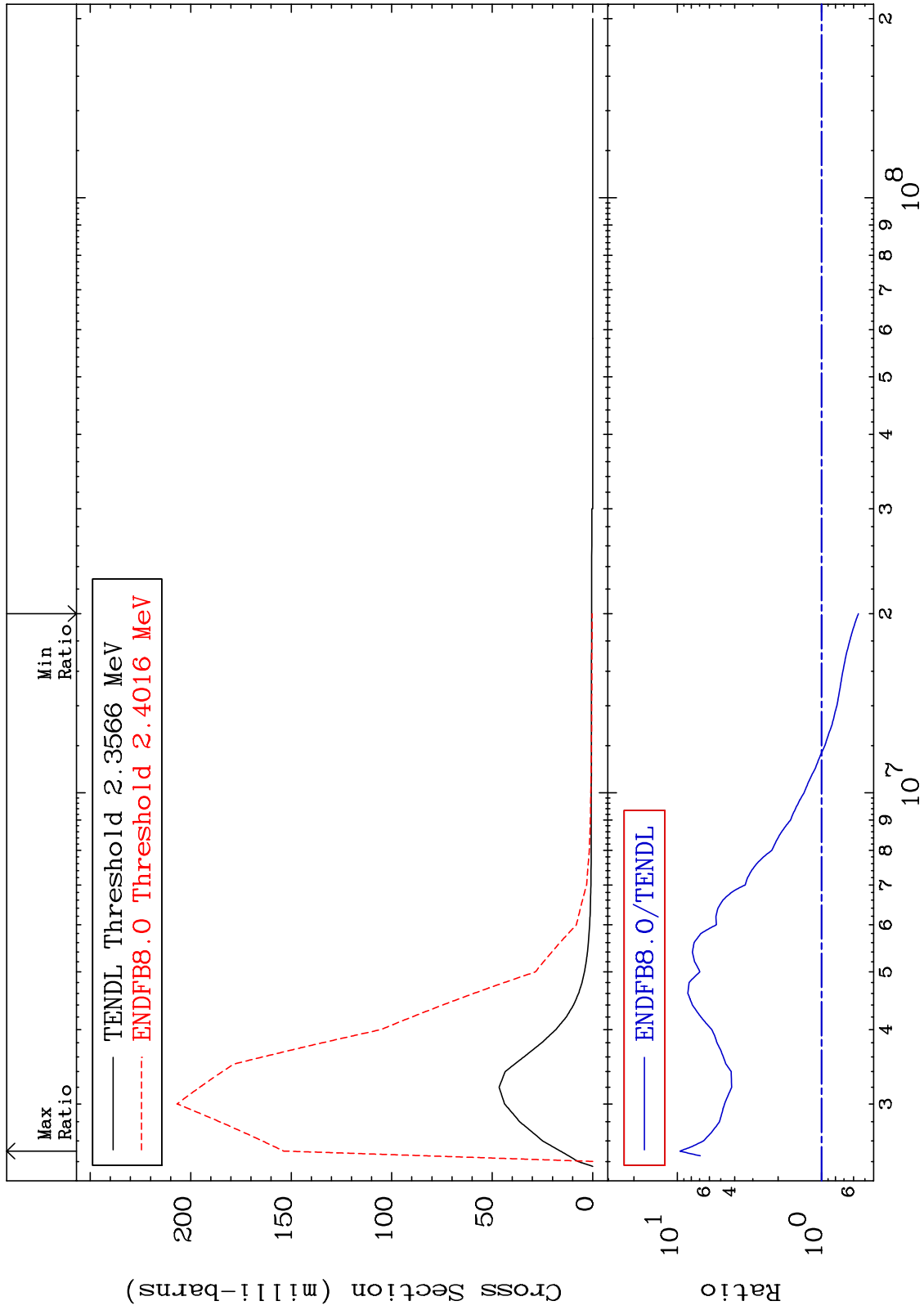


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Incident Energy (eV)

60-Nd-142

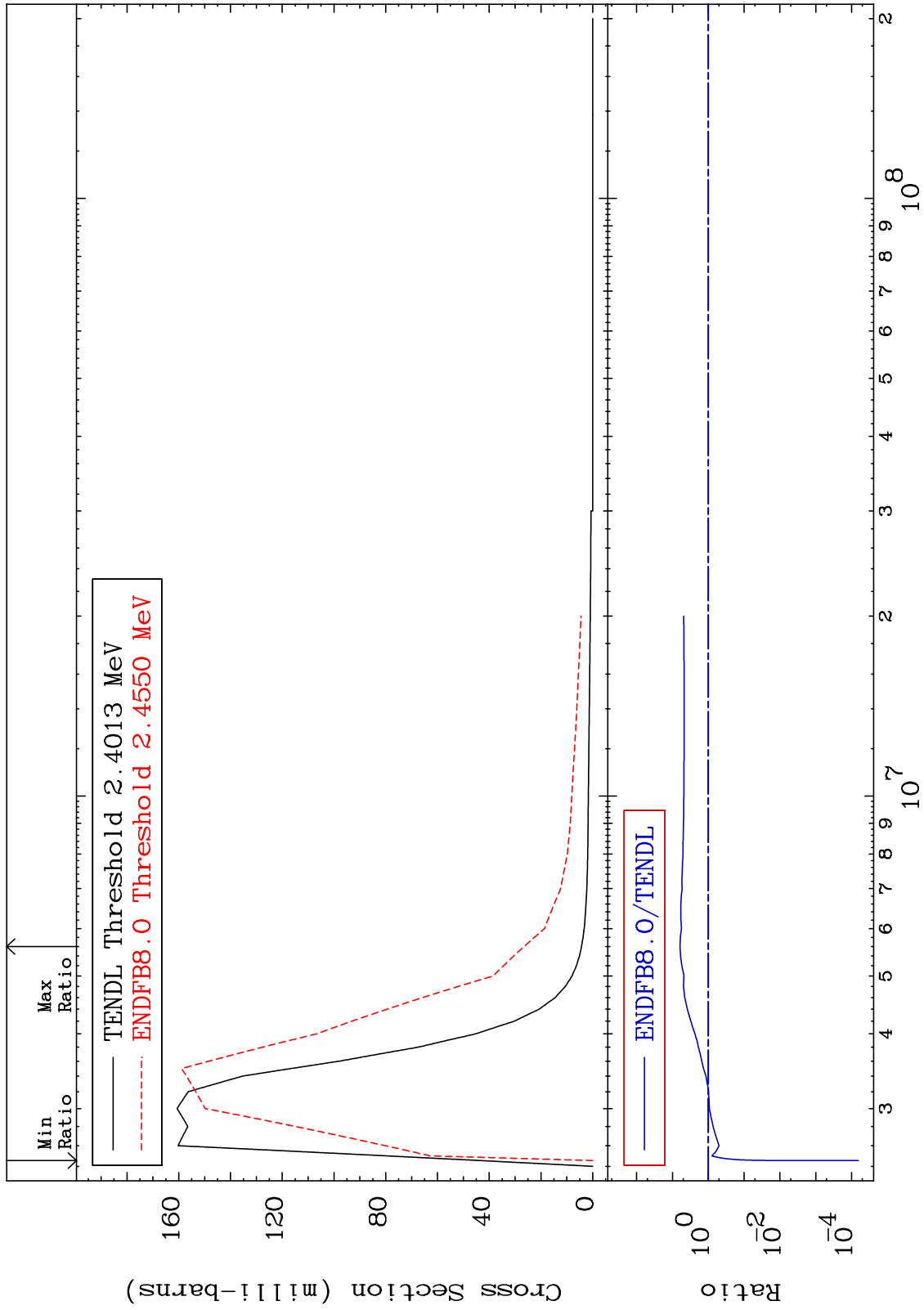
MAT 6025 MT= 57 (n,n') Level Cross Section 60-Nd-142
 -44.48 To 857.2 %



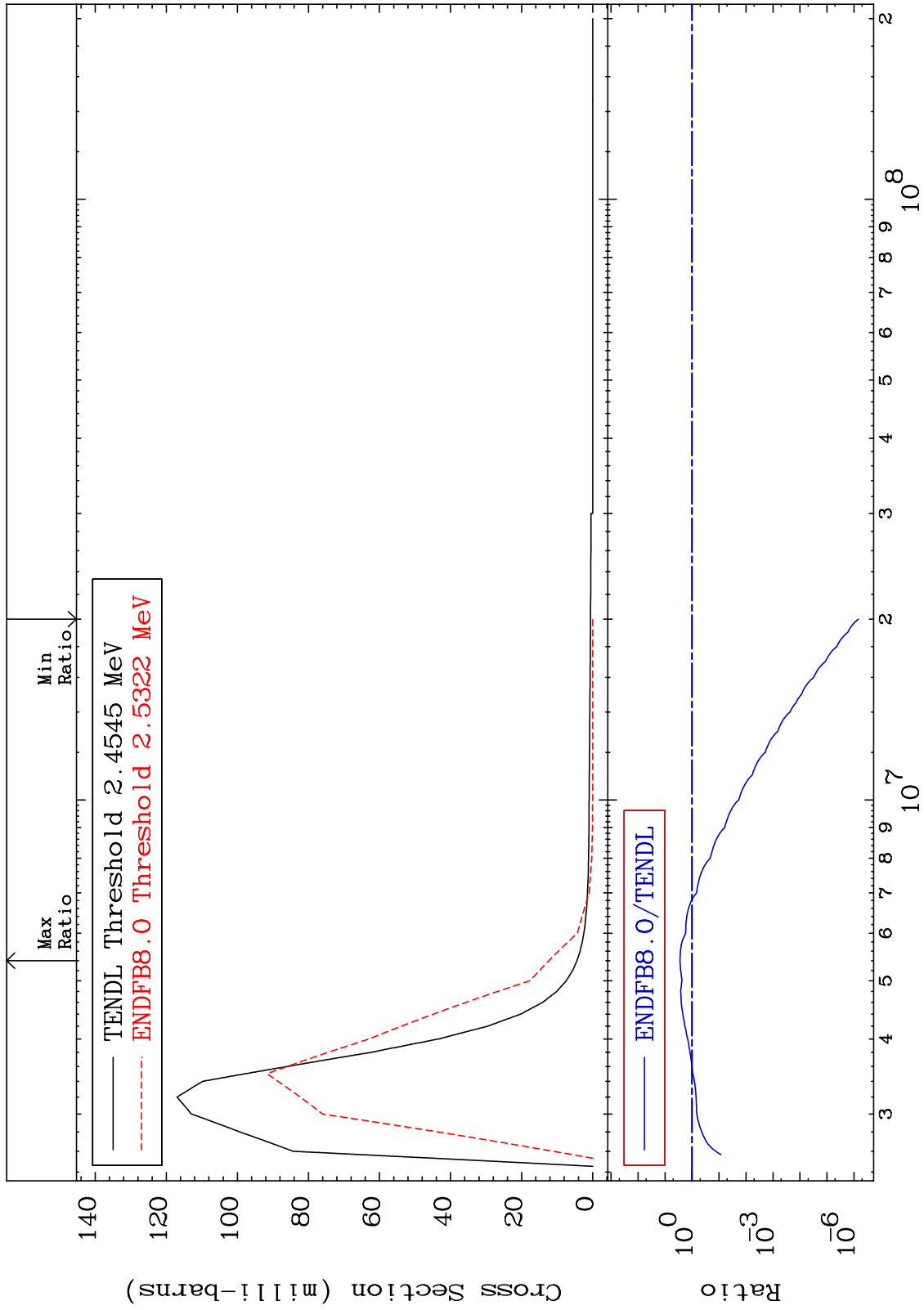
MAT 6025

MT= 58 (n,n') Level
Cross Section

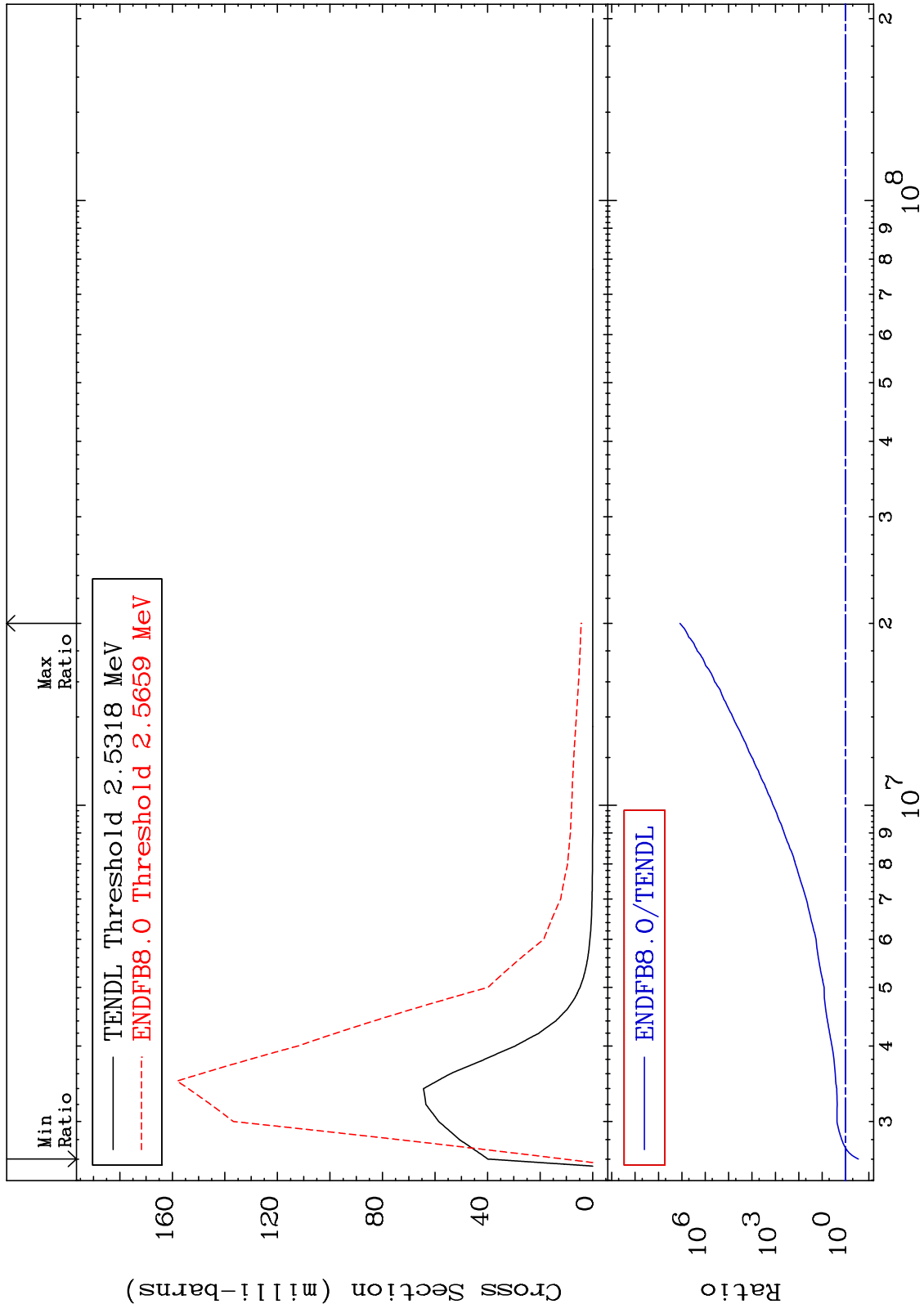
60-Nd-142
-99.99 To 515.6 %



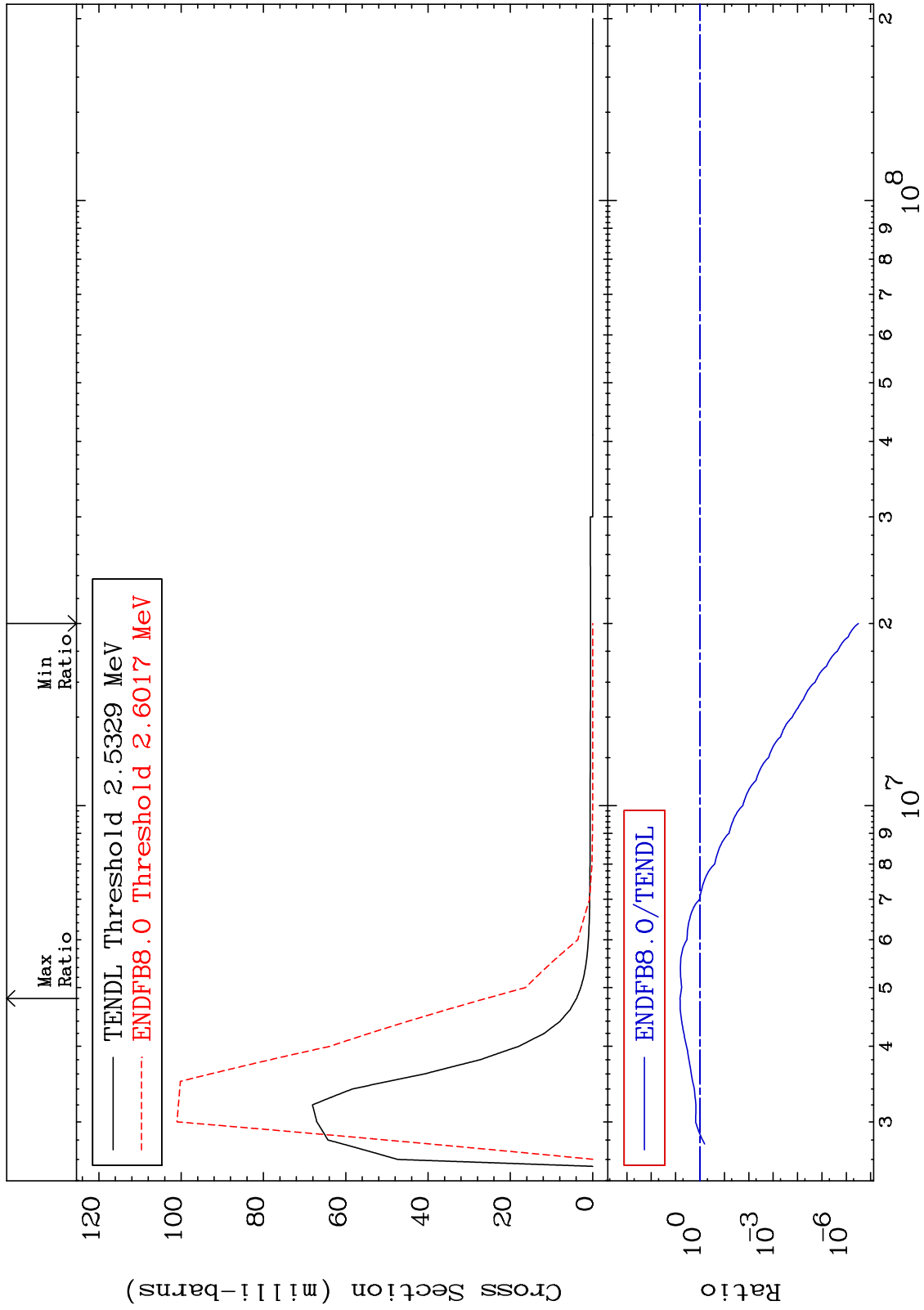
MAT 6025 MT= 59 (n,n') Level Cross Section 60-Nd-142
 -100.0 To 179.3 %



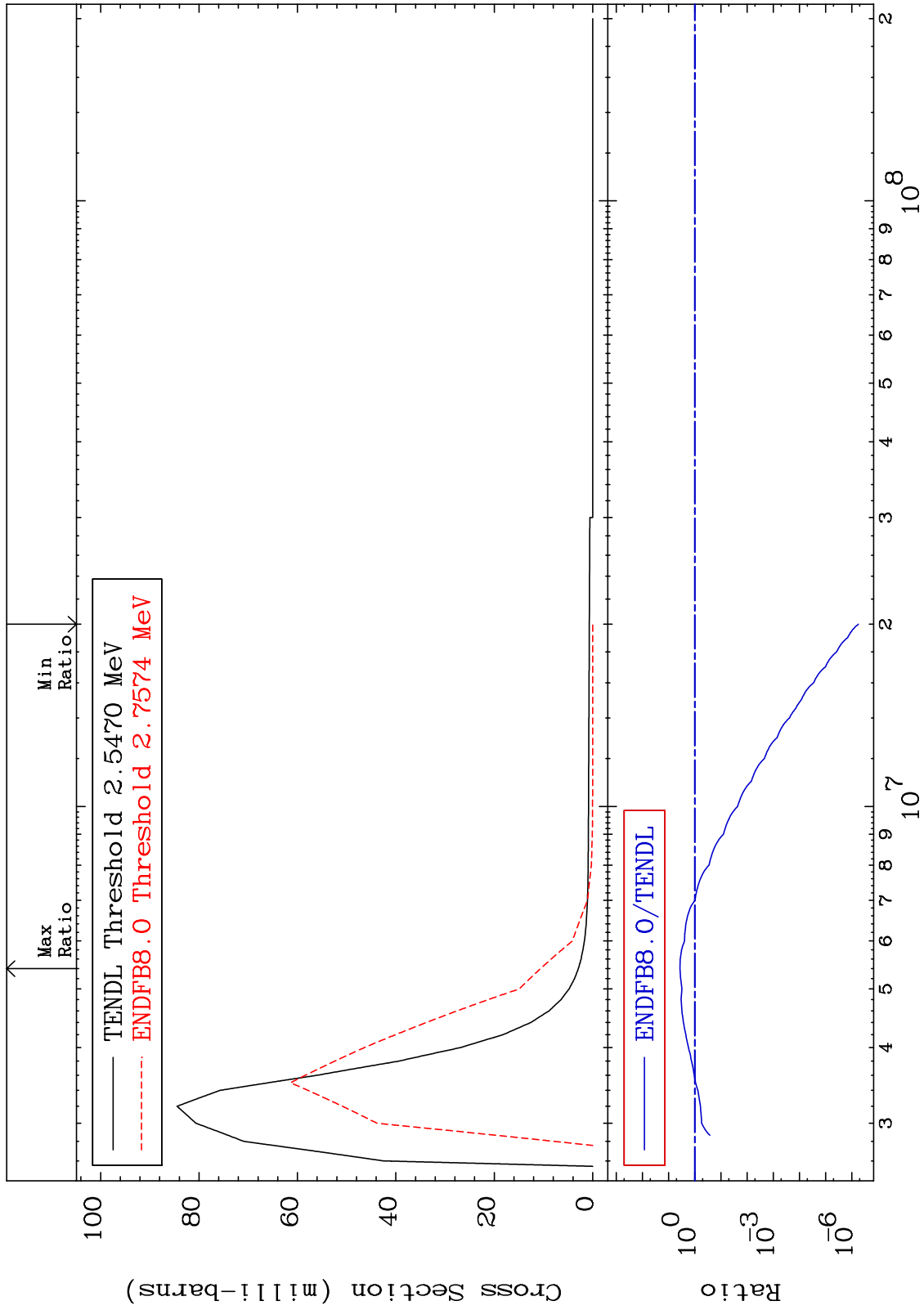
MAT 6025 MT= 60 (n,n') Level Cross Section 60-Nd-142 -71.81 To 9999. %



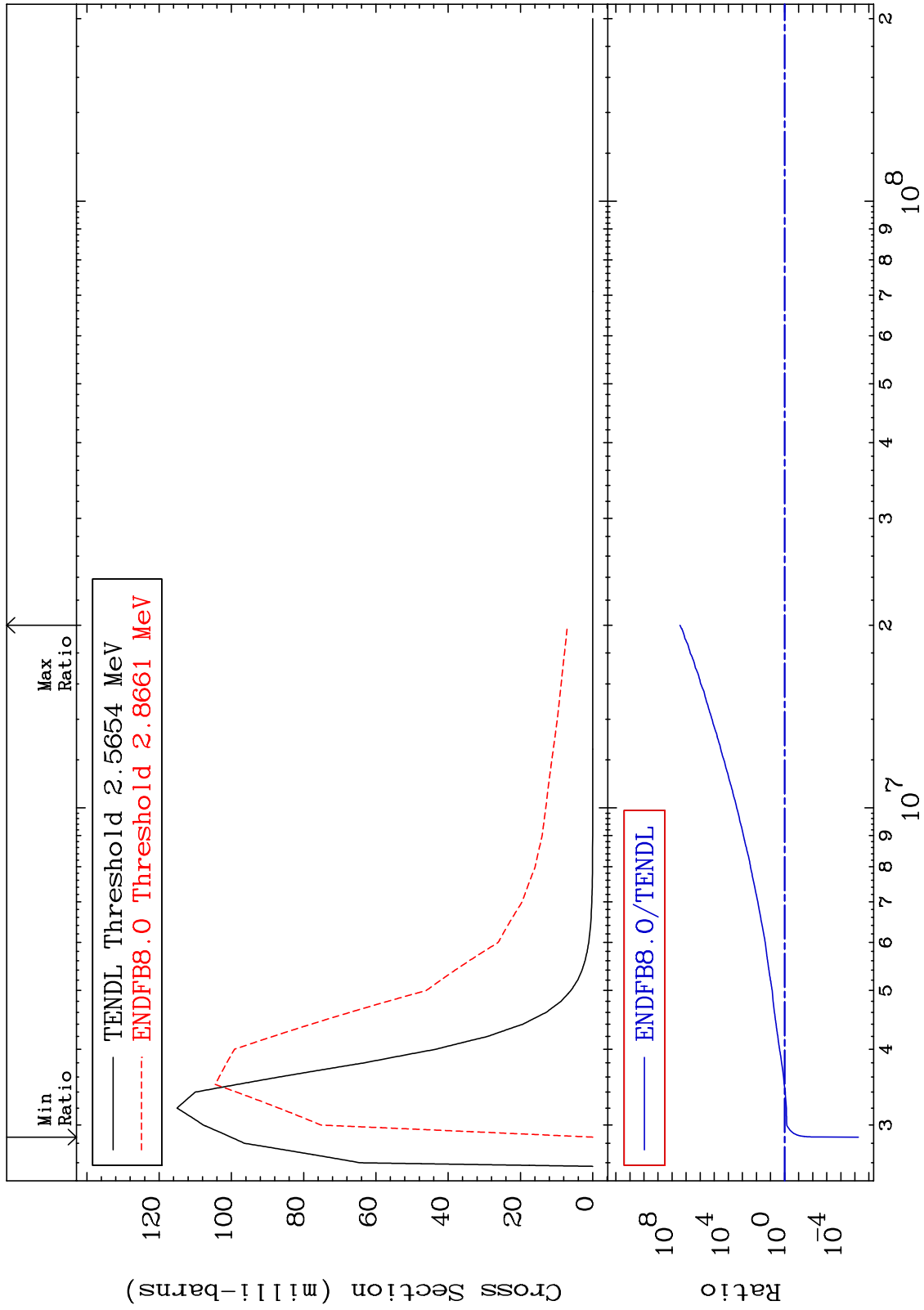
MAT 6025 MT= 61 (n,n') Level Cross Section 60-Nd-142
 -100.0 To 560.2 %



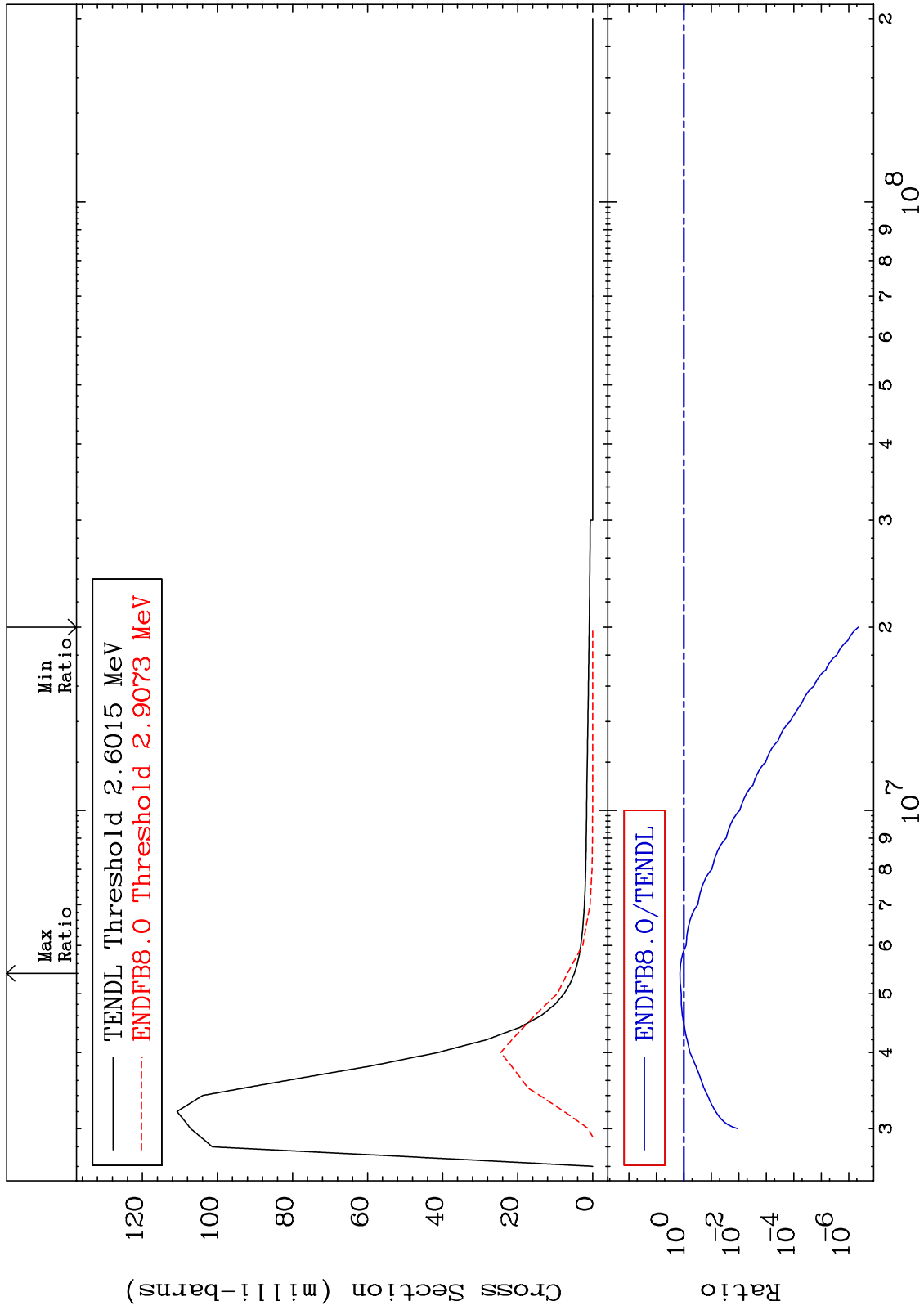
MAT 6025 MT= 62 (n,n') Level Cross Section 60-Nd-142
 -100.0 To 264.5 %



MAT 6025 MT= 63 (n,n') Level 60-Nd-142
 Cross Section -100.0 To 9999. %



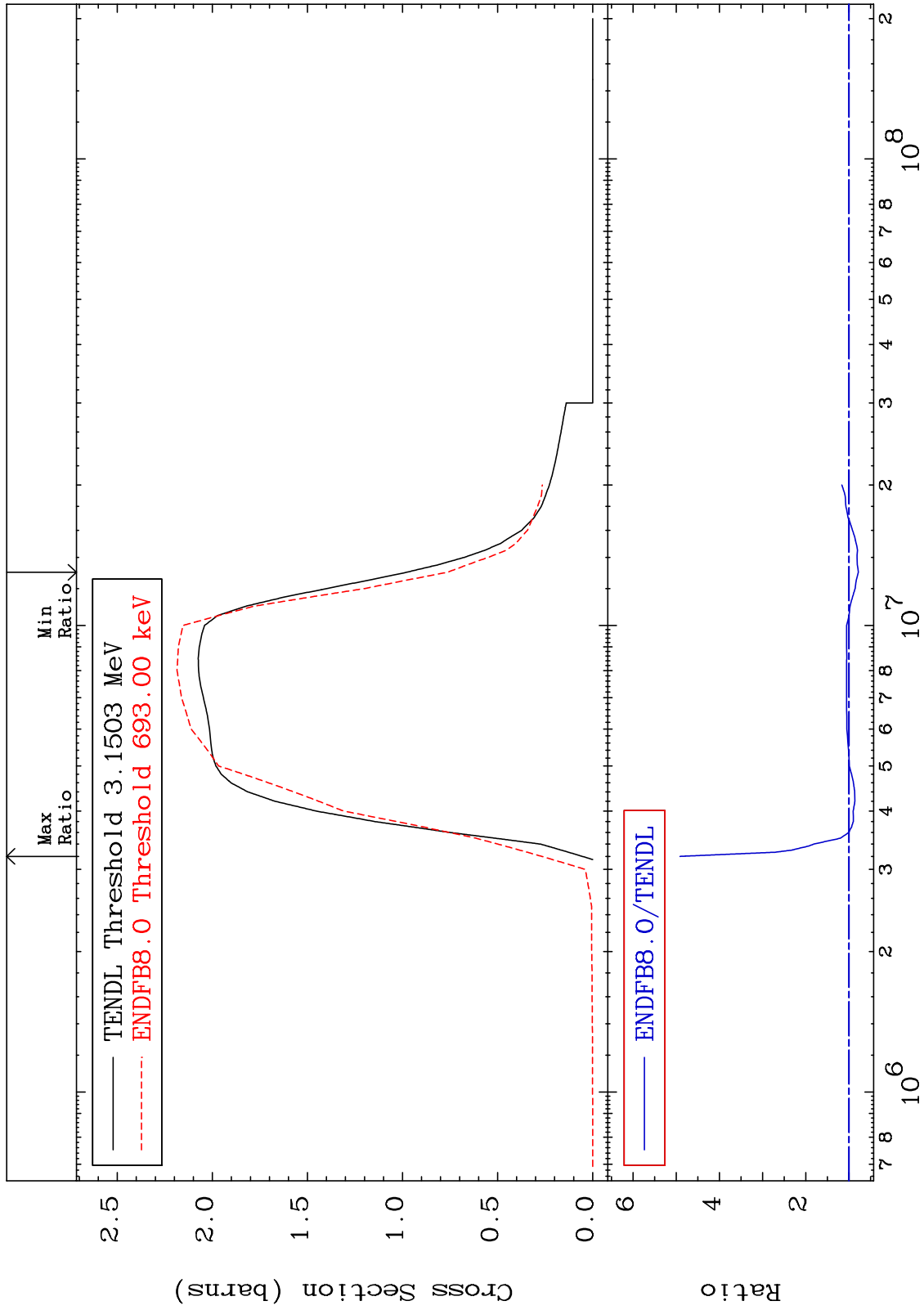
MAT 6025 MT= 64 (n,n') Level Cross Section 60-Nd-142
 -100.0 To 37.46 %



MAT 6025

(n, n') Continuum
Cross Section

60-Nd-142
-21.89 To 391.1 %



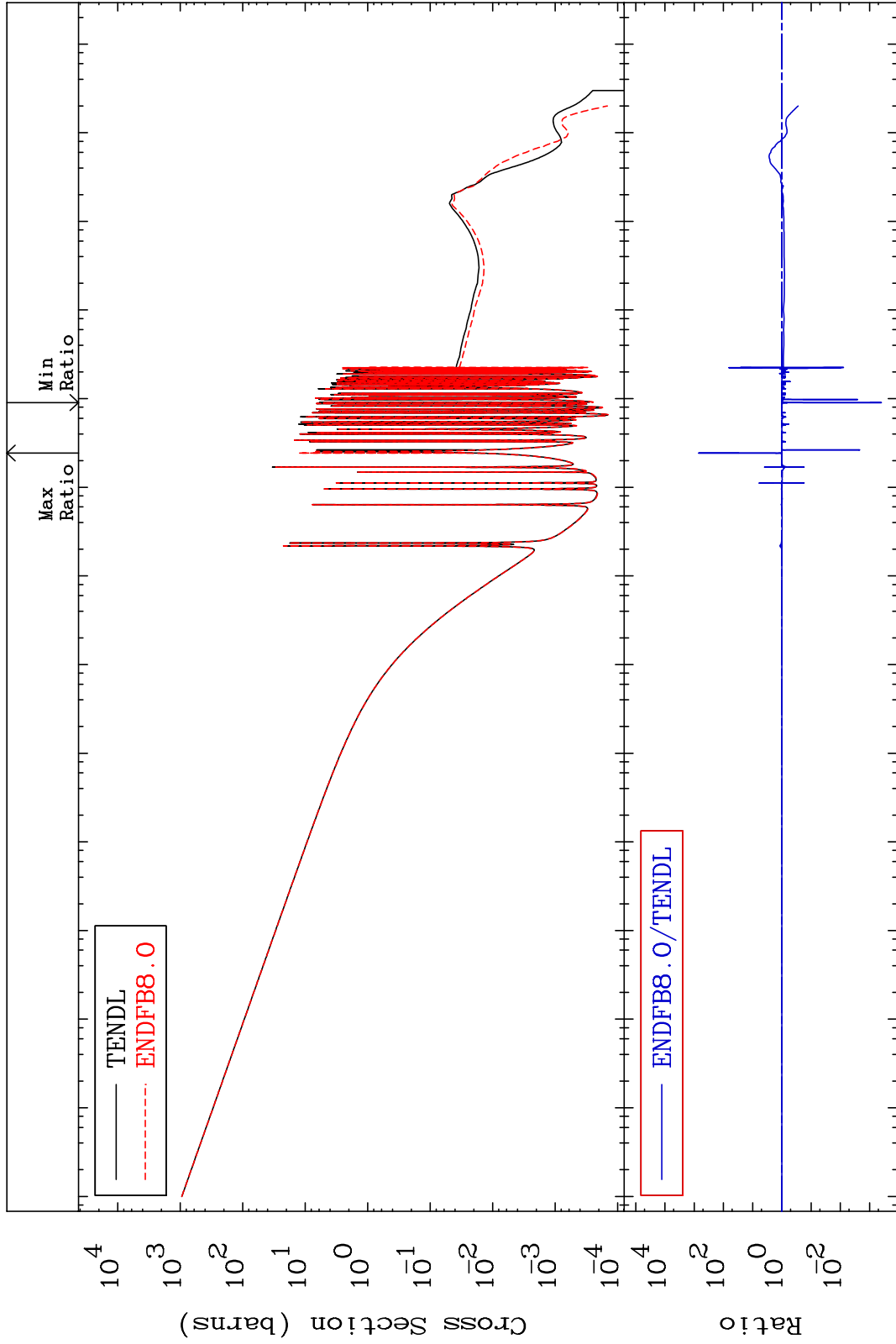
MAT 6025

(n, γ)

60-Nd-142

Cross Section

-99.96 To 9999. %



Incident Energy (eV) 60-Nd-142

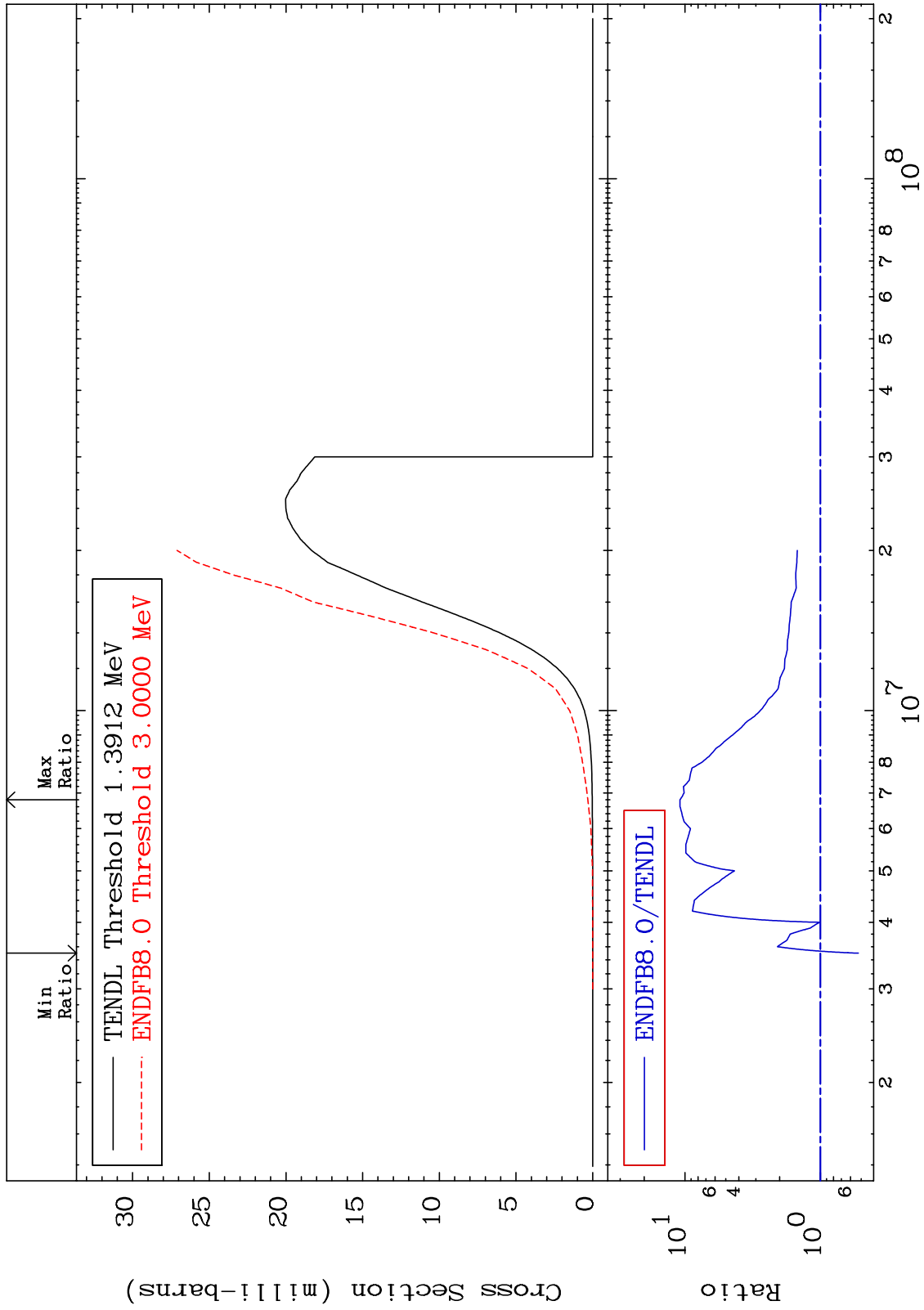
MAT 6025

(n, p)

60-Nd-142

Cross Section

-47.59 To 986.6 %



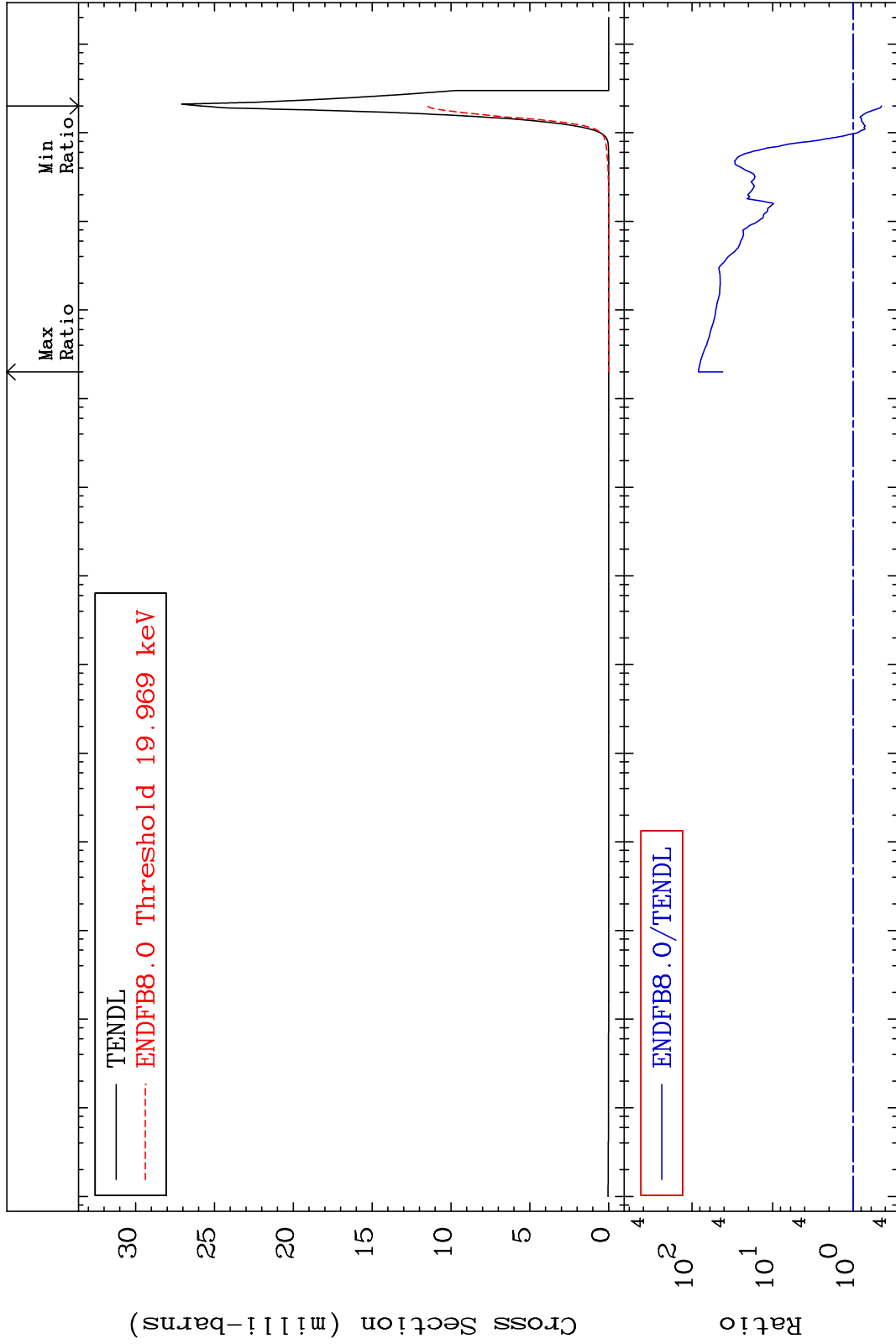
MAT 6025

(n, α)

60-Nd-142

Cross Section

-55.37 To 8241. %



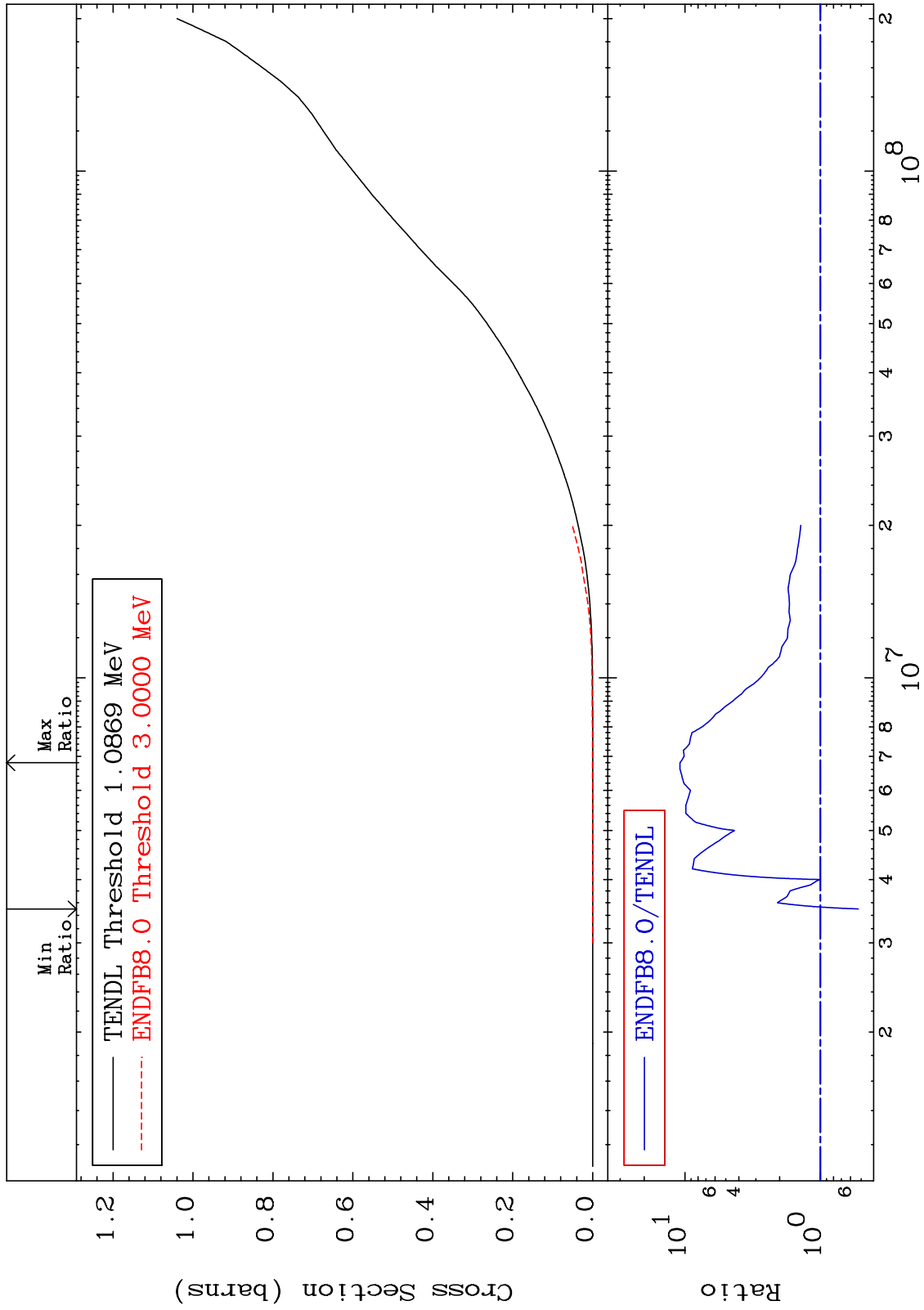
Incident Energy (eV)

60-Nd-142

MAT 6025

Hydrogen Production
Cross Section

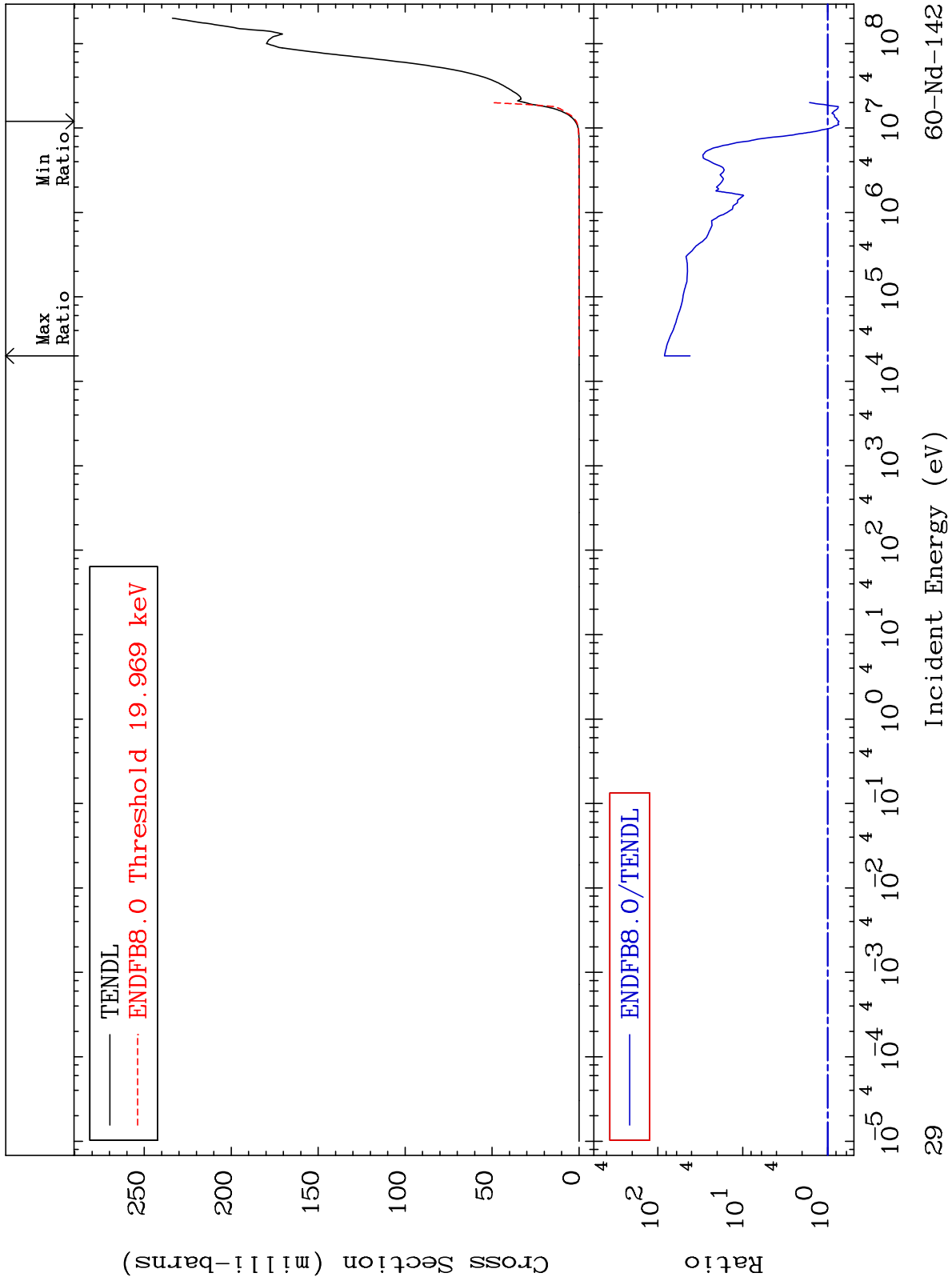
$^{60}\text{Nd-142}$
-47.59 To 986.6 %



MAT 6025

He-4 Production
Cross Section

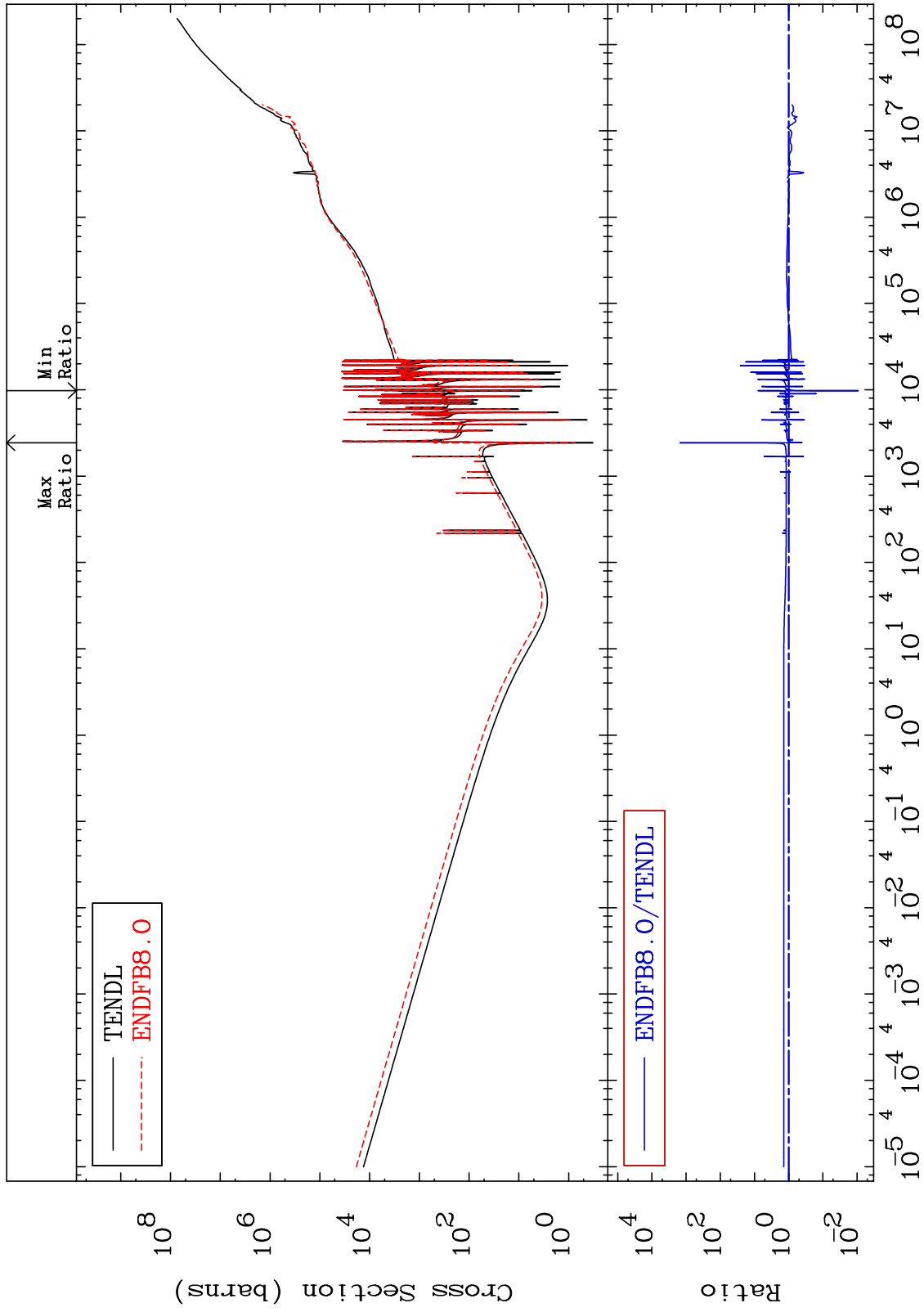
60-Nd-142
-26.53 To 8241. %



MAT 6025

Kerma total (eV-barns)
Cross Section

60-Nd-142
-99.09 To 9999. %



30

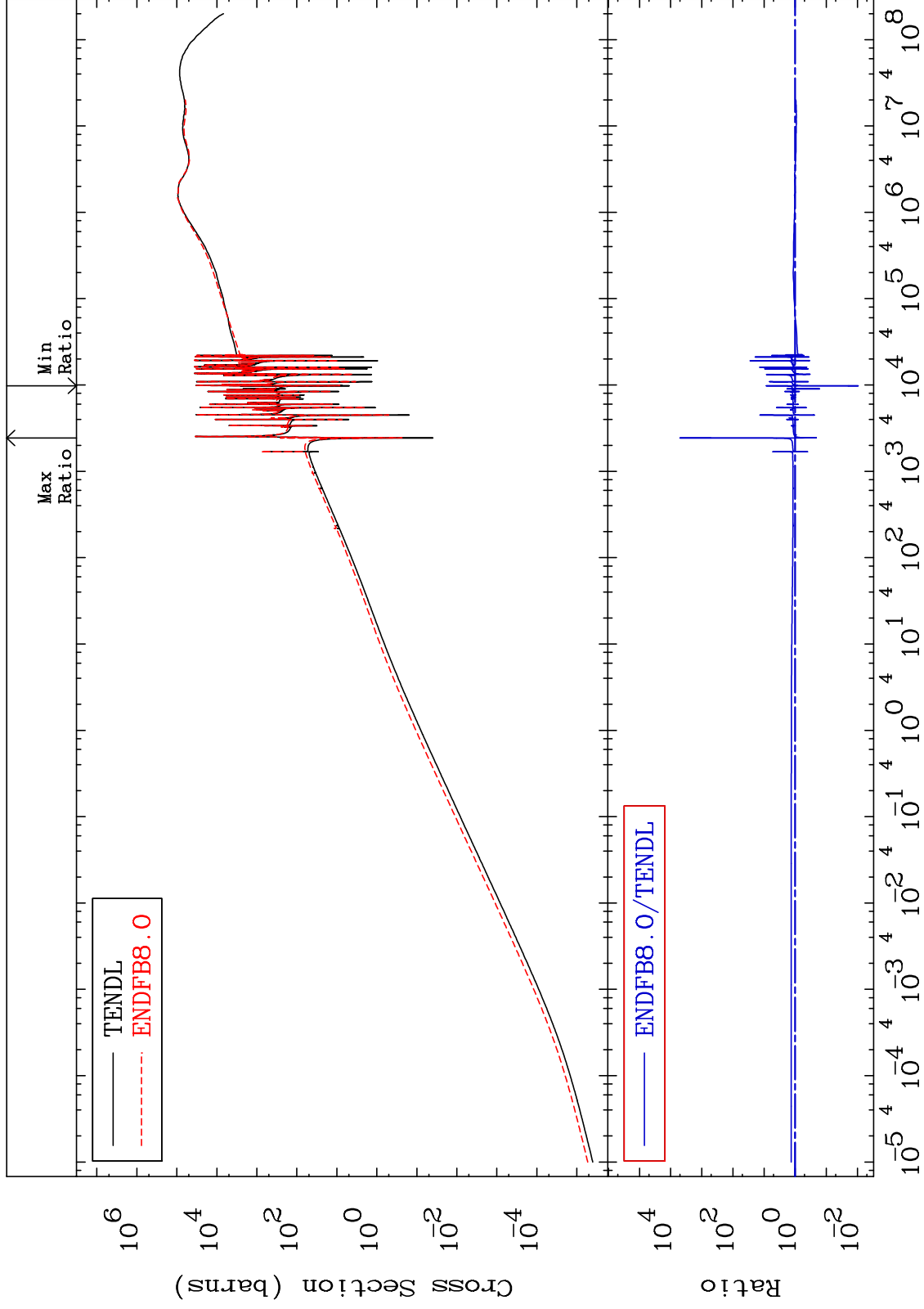
Incident Energy (eV)

60-Nd-142

MAT 6025

Kerma elastic
Cross Section

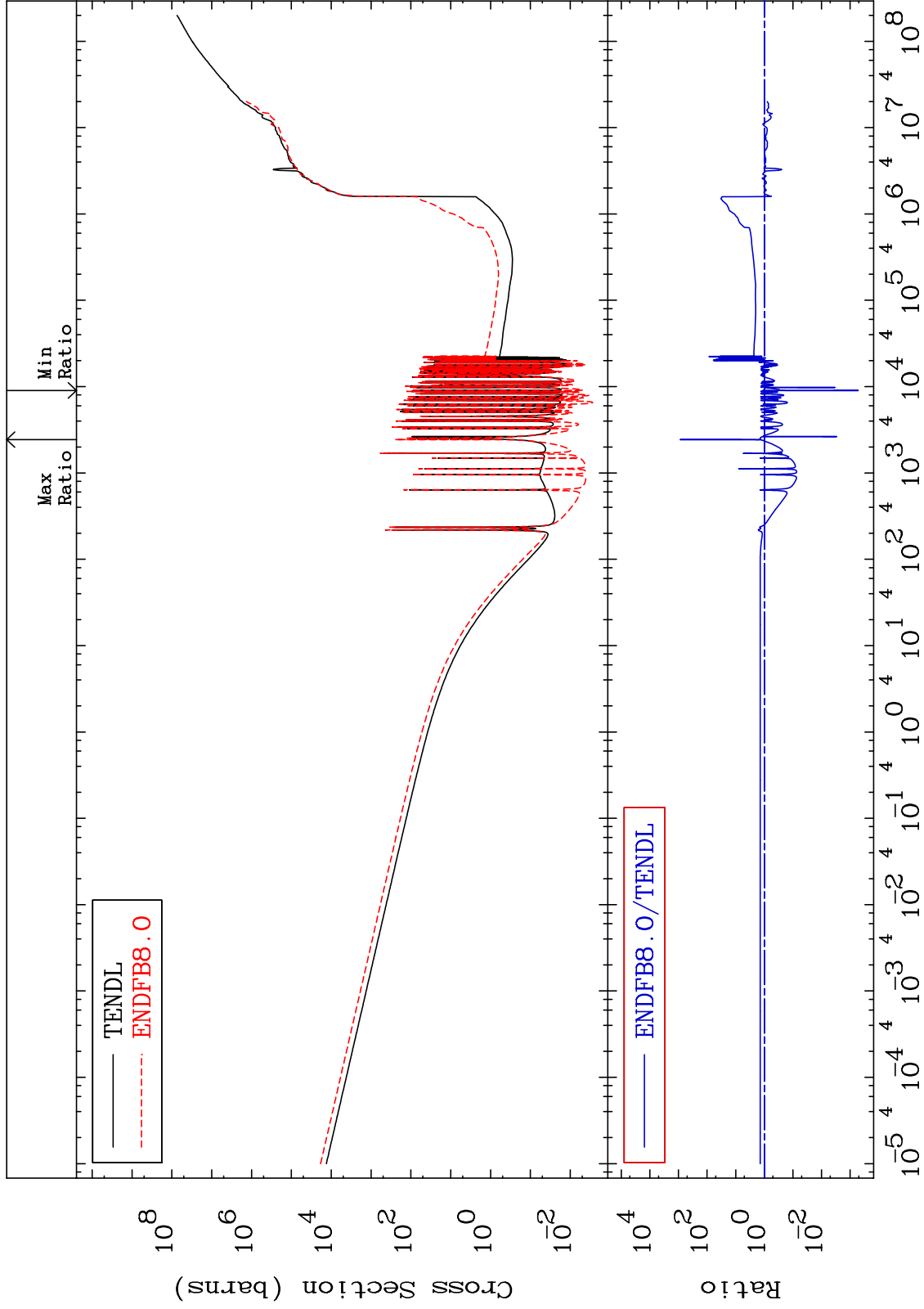
60-Nd-142
-99.07 To 9999. %



MAT 6025

Kerma non-elastic (all but mt2)
Cross Section

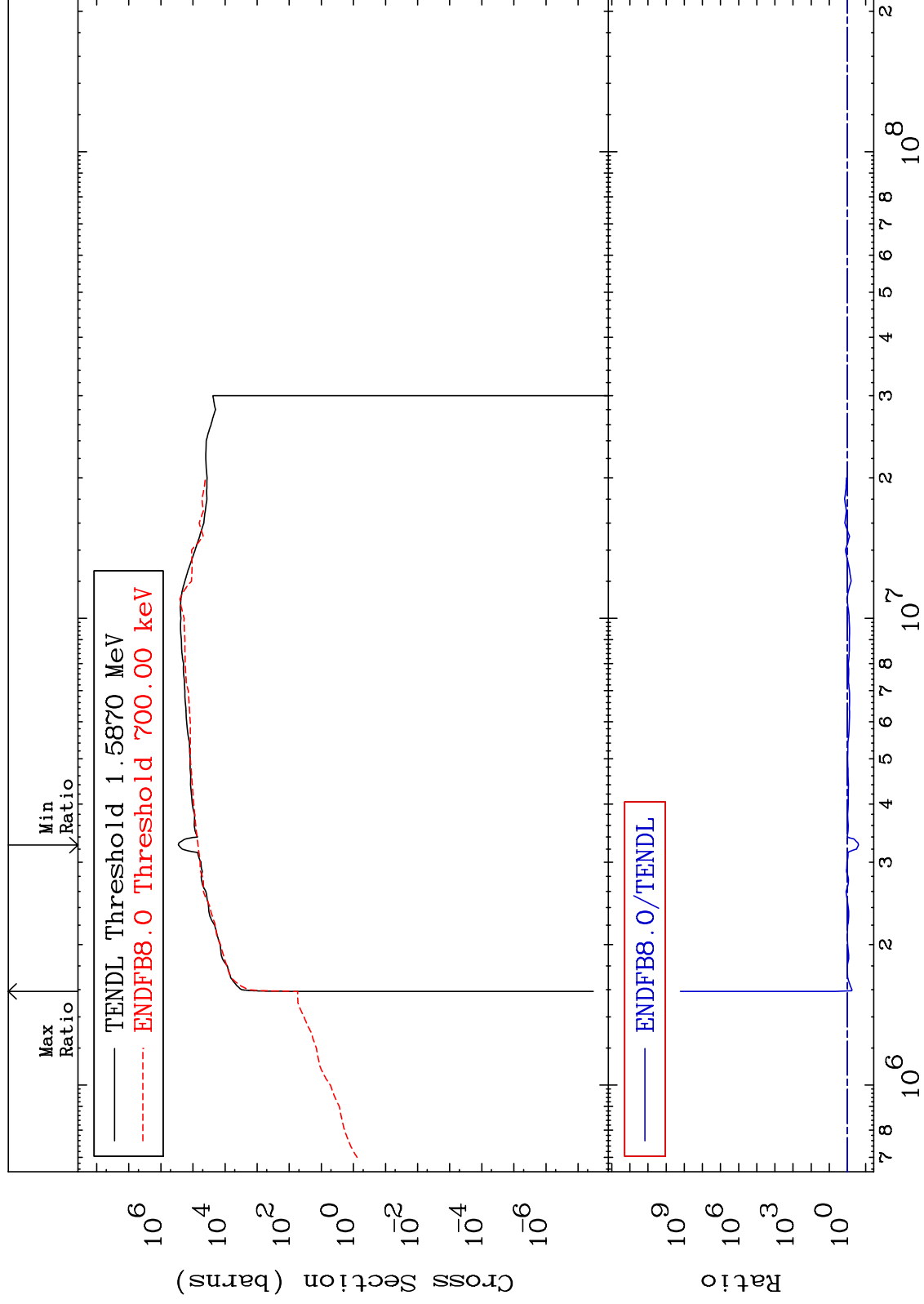
60-Nd-142
-99.95 To 9999. %



MAT 6025

Kerma inelastic (mt51-91)
Cross Section

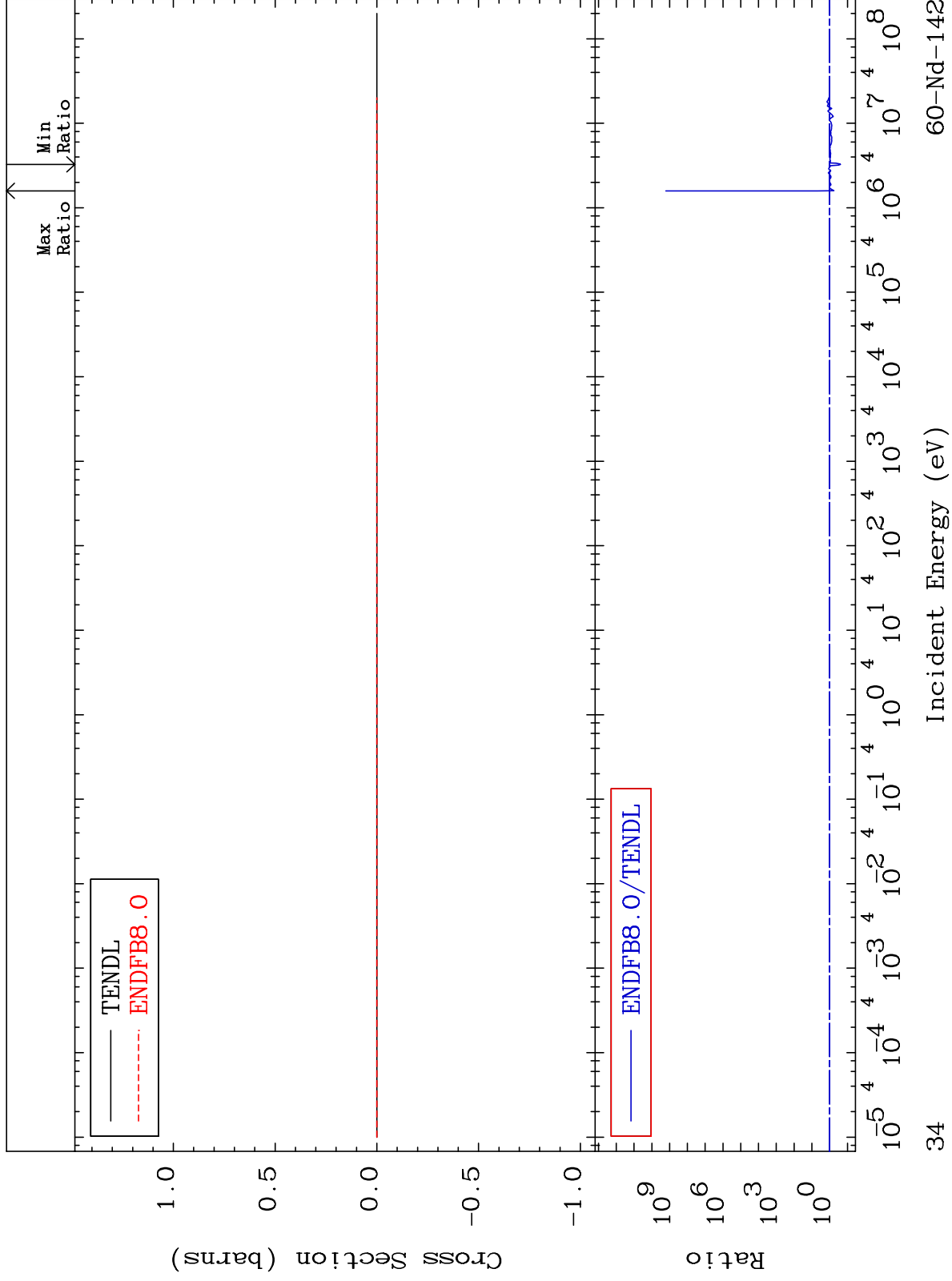
60-Nd-142
-75.53 To 9999. %



MAT 6025

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

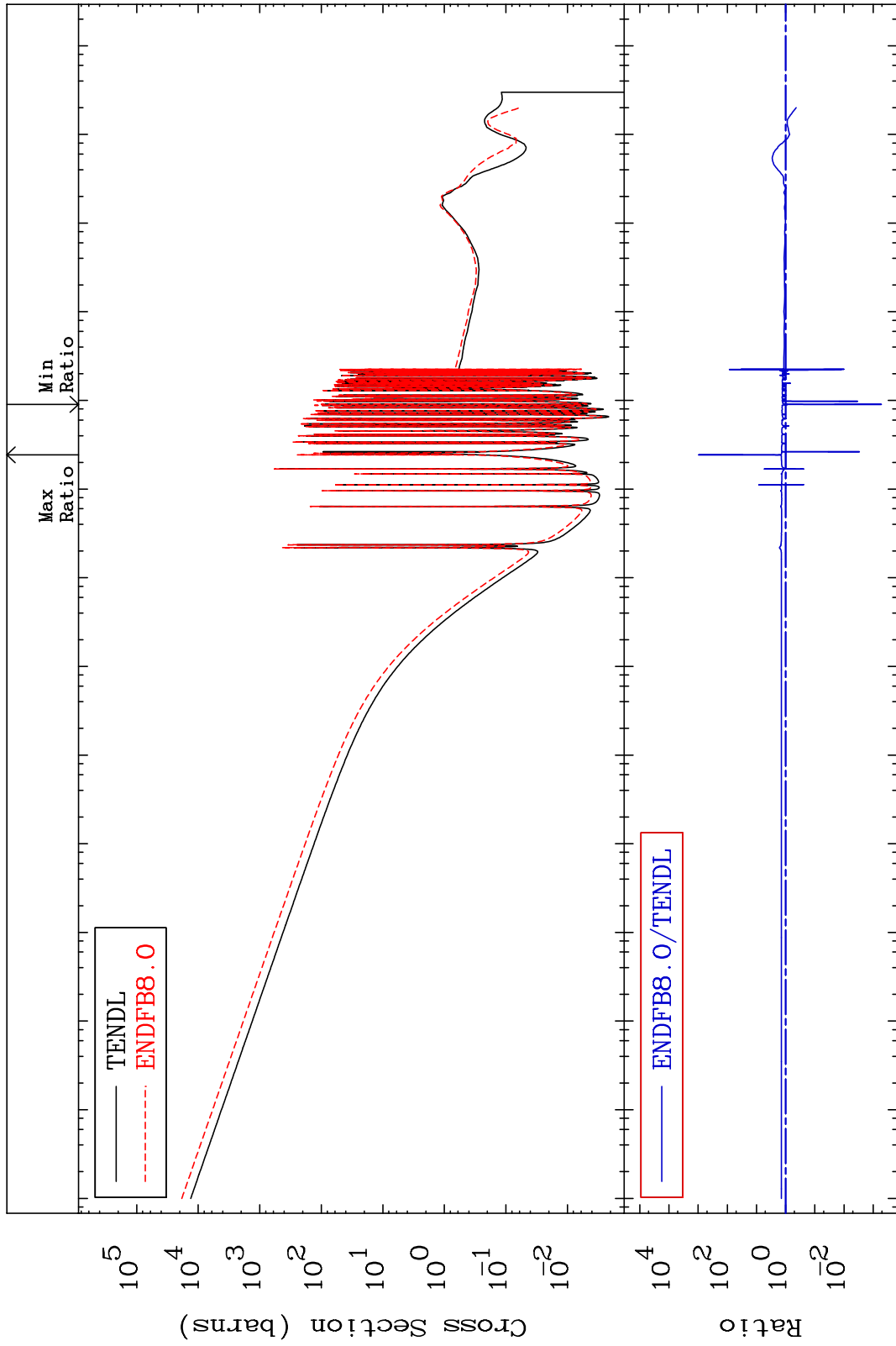
60-Nd-142
-75.53 To 9999. %



MAT 6025

Kerma capture (mt102)
Cross Section

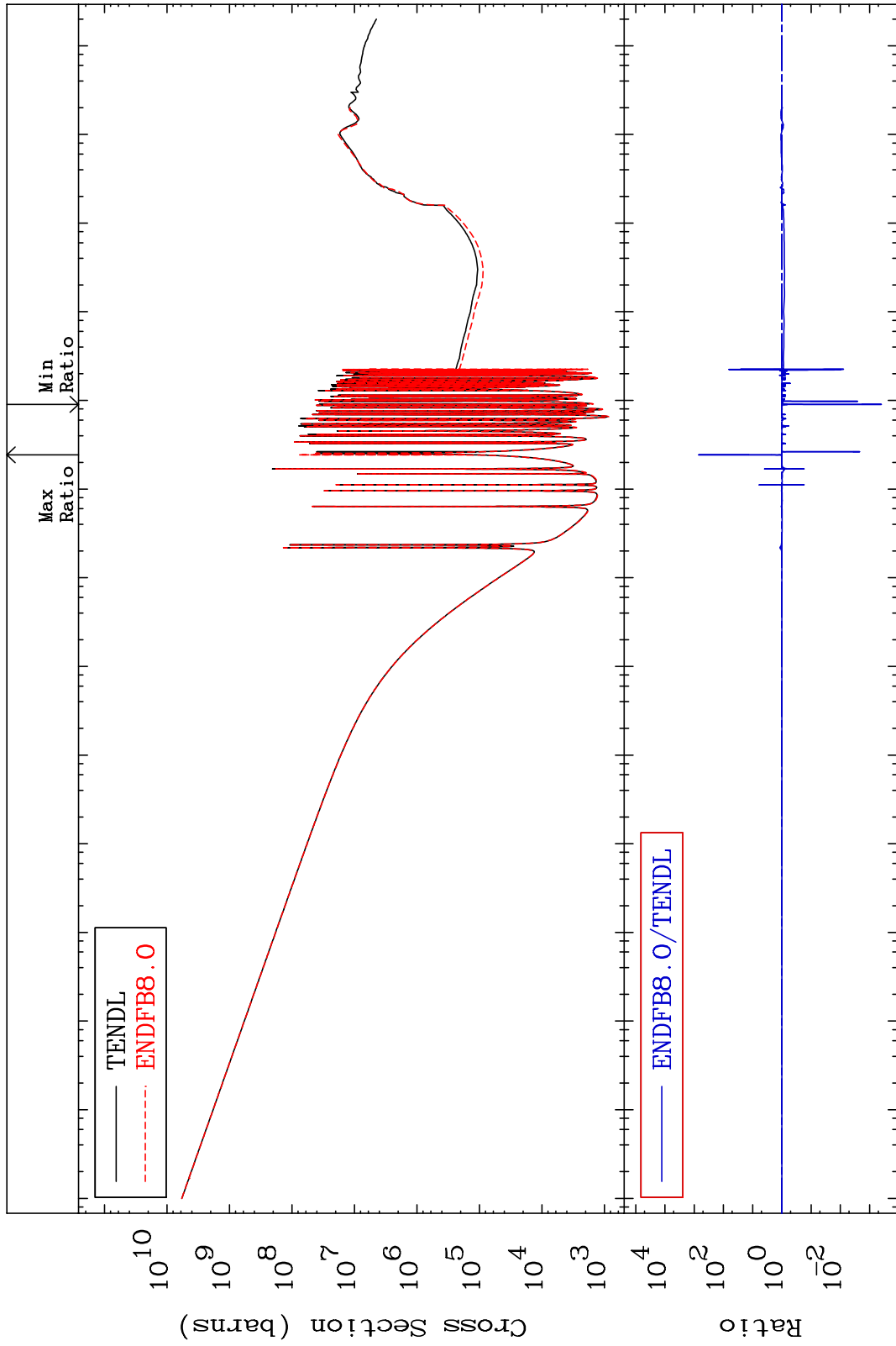
60-Nd-142
-99.95 To 9999. %



MAT 6025

Total photon (eV-barns)
Cross Section

60-Nd-142
-99.96 To 9999. %



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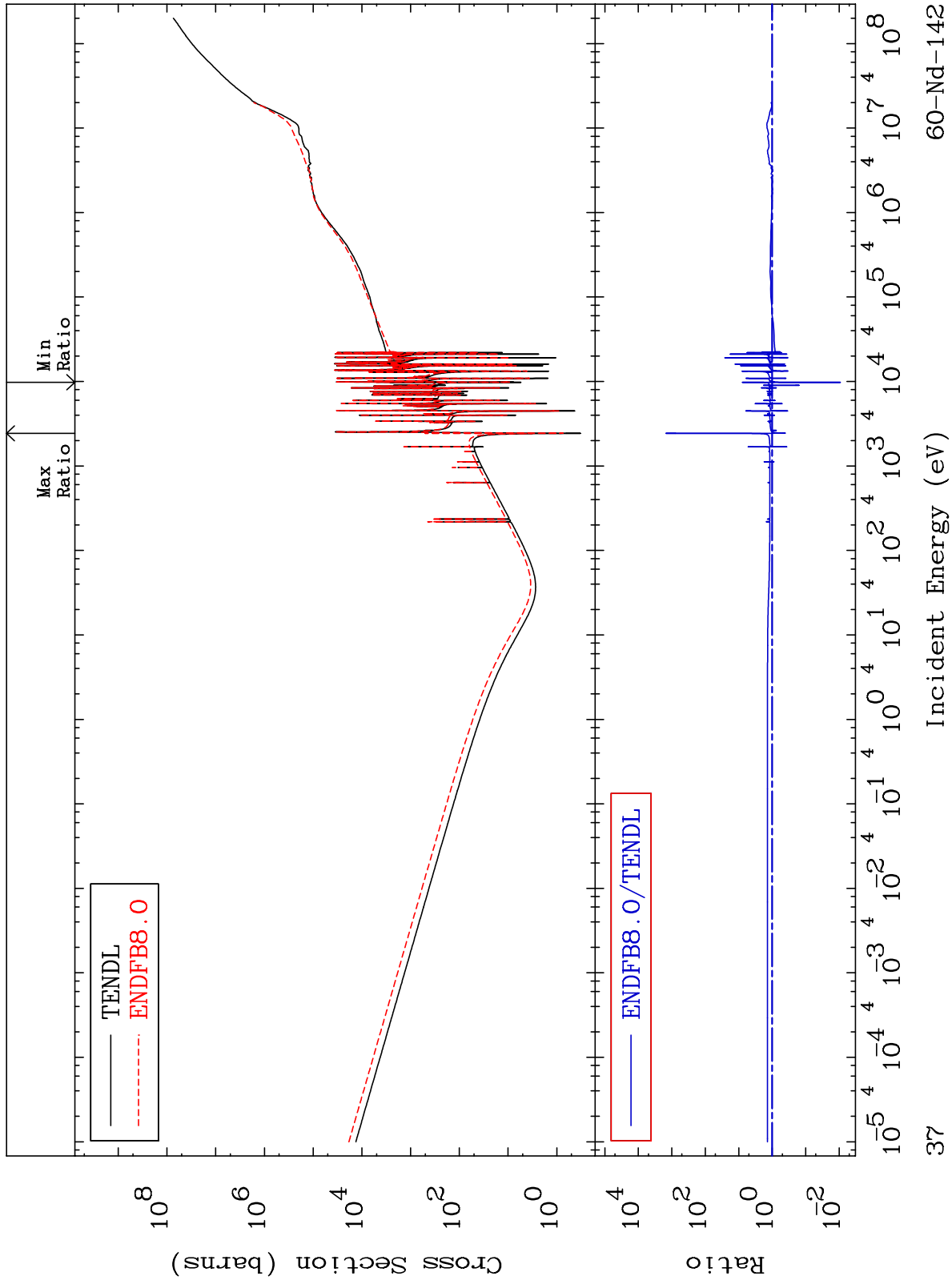
Incident Energy (eV)

60-Nd-142

MAT 6025

Total kinematic kerma (high limit)
Cross Section

60-Nd-142
-99.09 To 9999. %



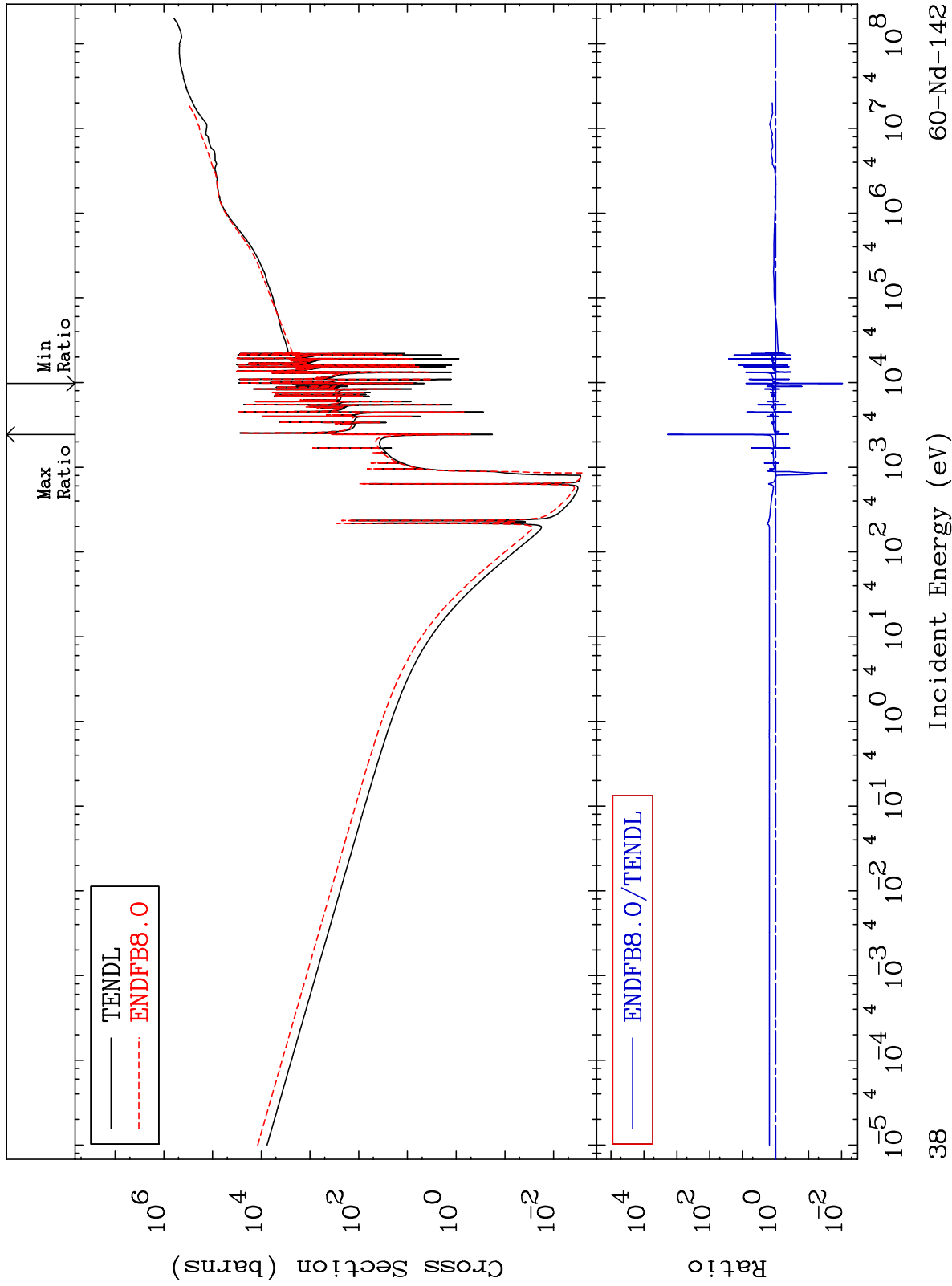
37

60-Nd-142

MAT 6025

Dpa total (eV-barns)
Cross Section

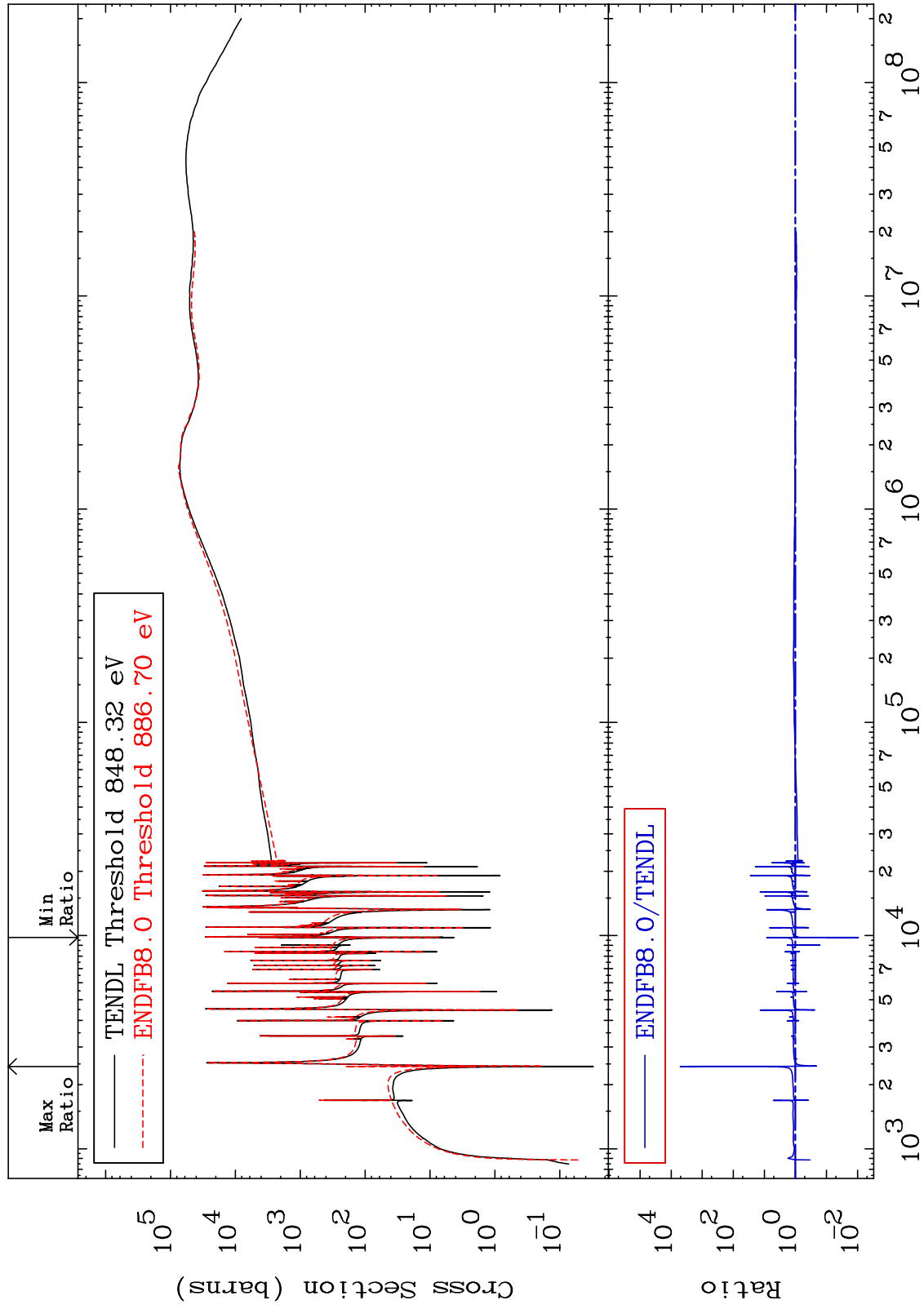
60-Nd-142
-99.08 To 9999. %



MAT 6025

Dpa elastic (mt2)
Cross Section

60-Nd-142
-99.07 To 9999. %



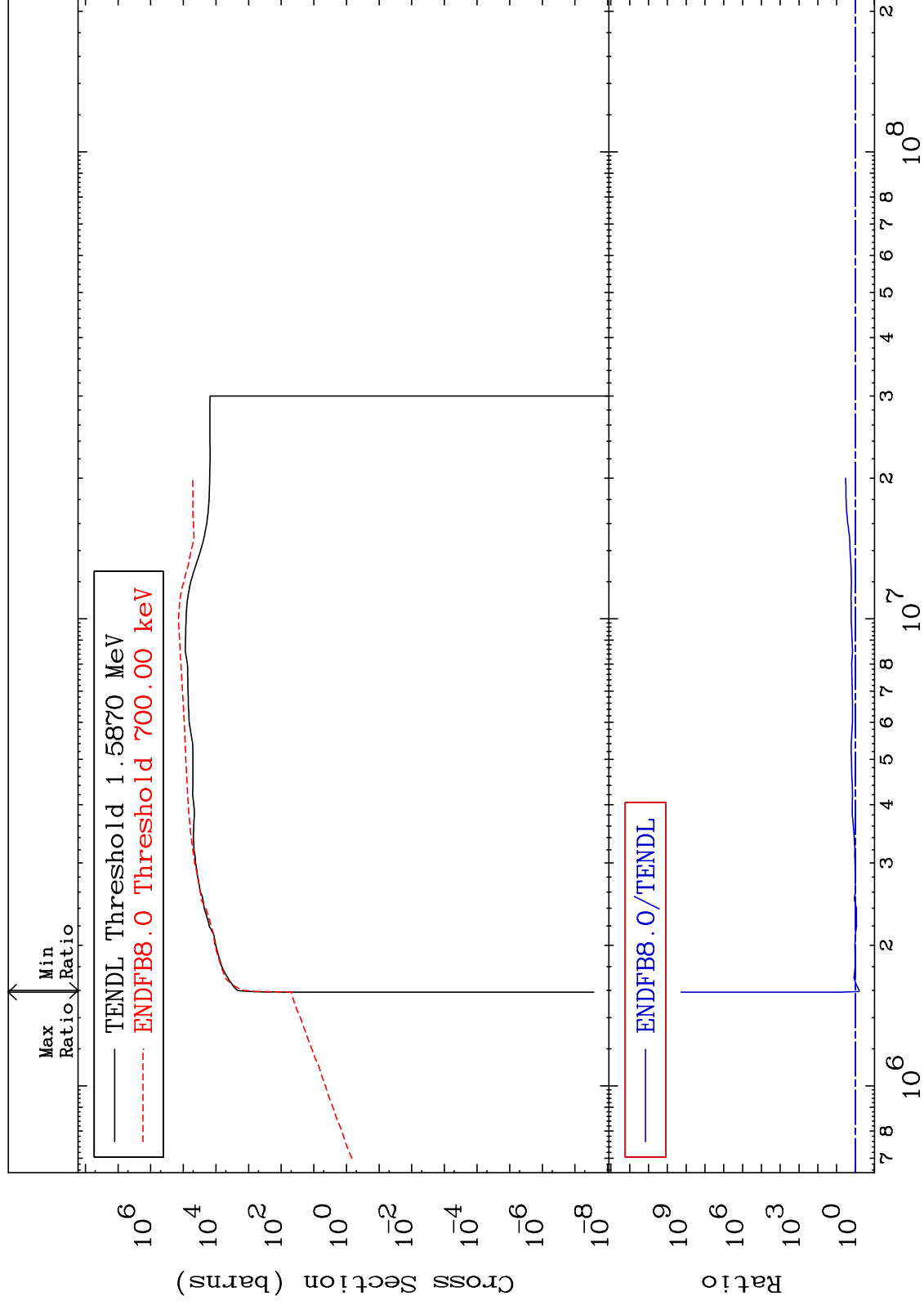
39

60-Nd-142

MAT 6025

Dpa inelastic (mt51-91)
Cross Section

60-Nd-142
-37.41 To 9999. %



40

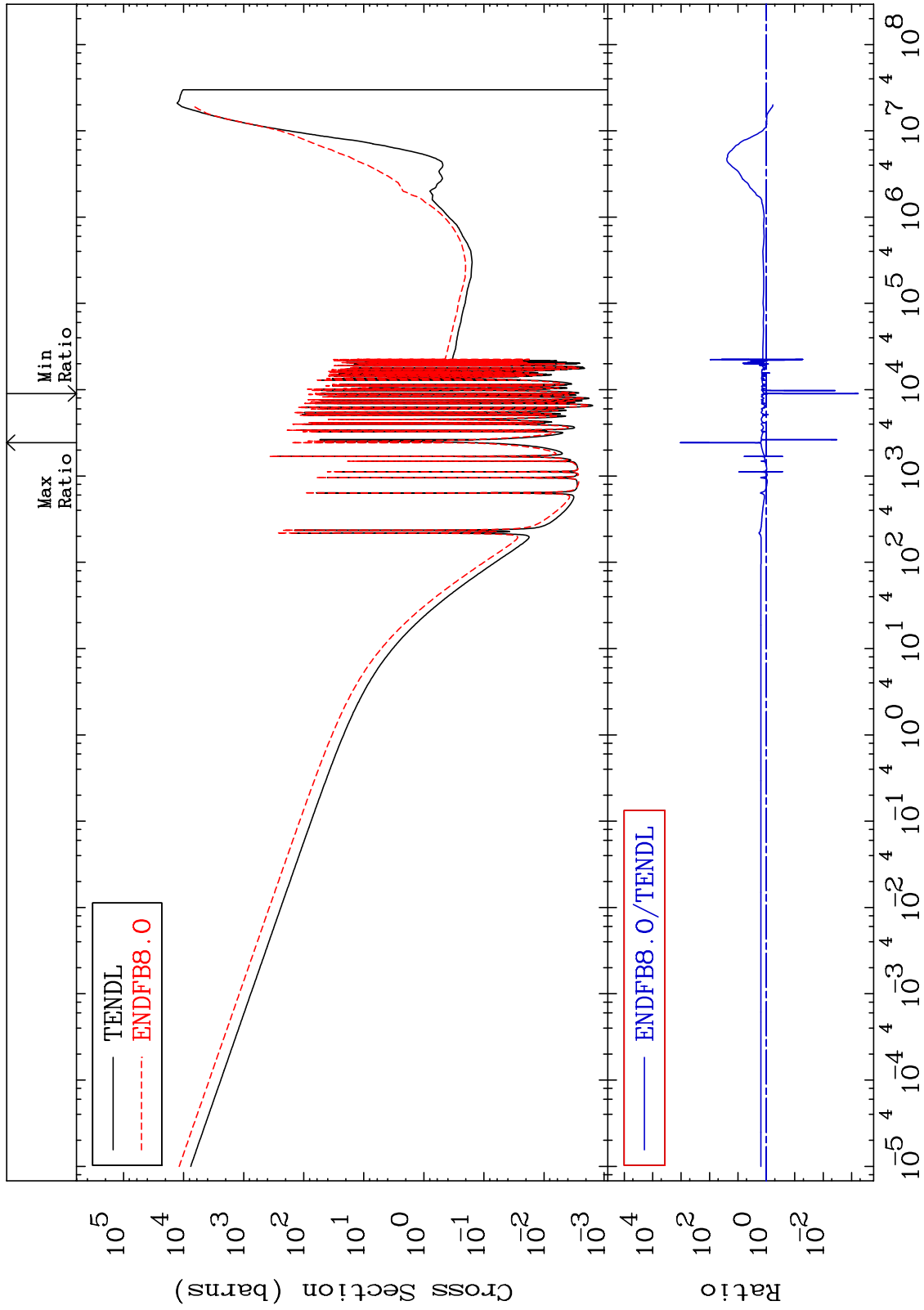
Incident Energy (eV)

60-Nd-142

MAT 6025

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-142
-99.94 To 9999. %



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Incident Energy (eV)

60-Nd-142