

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

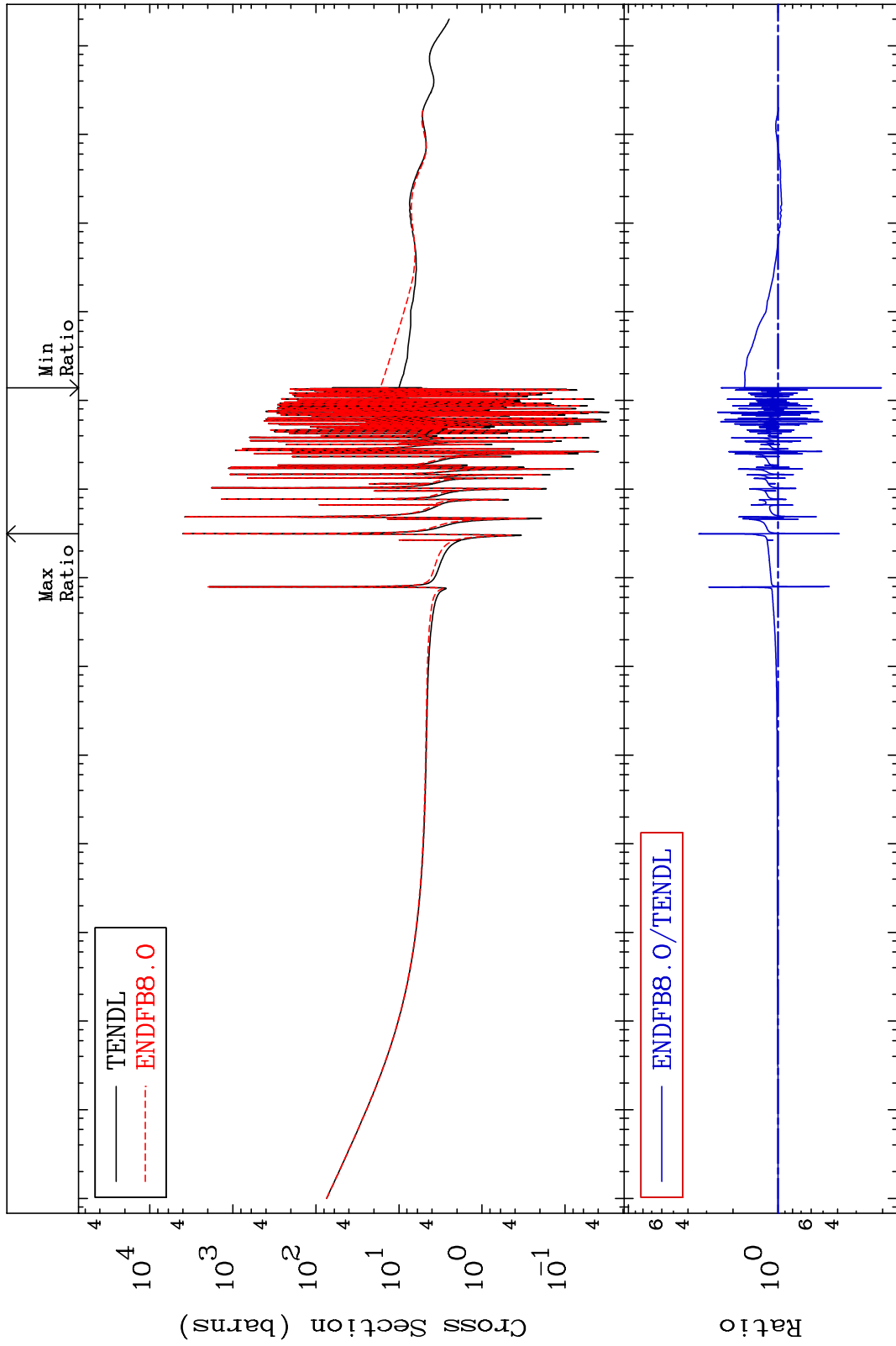
MAT 6049

Total

60-Nd-150

Cross Section

-79.69 To 241.0 %



Incident Energy (eV)

60-Nd-150

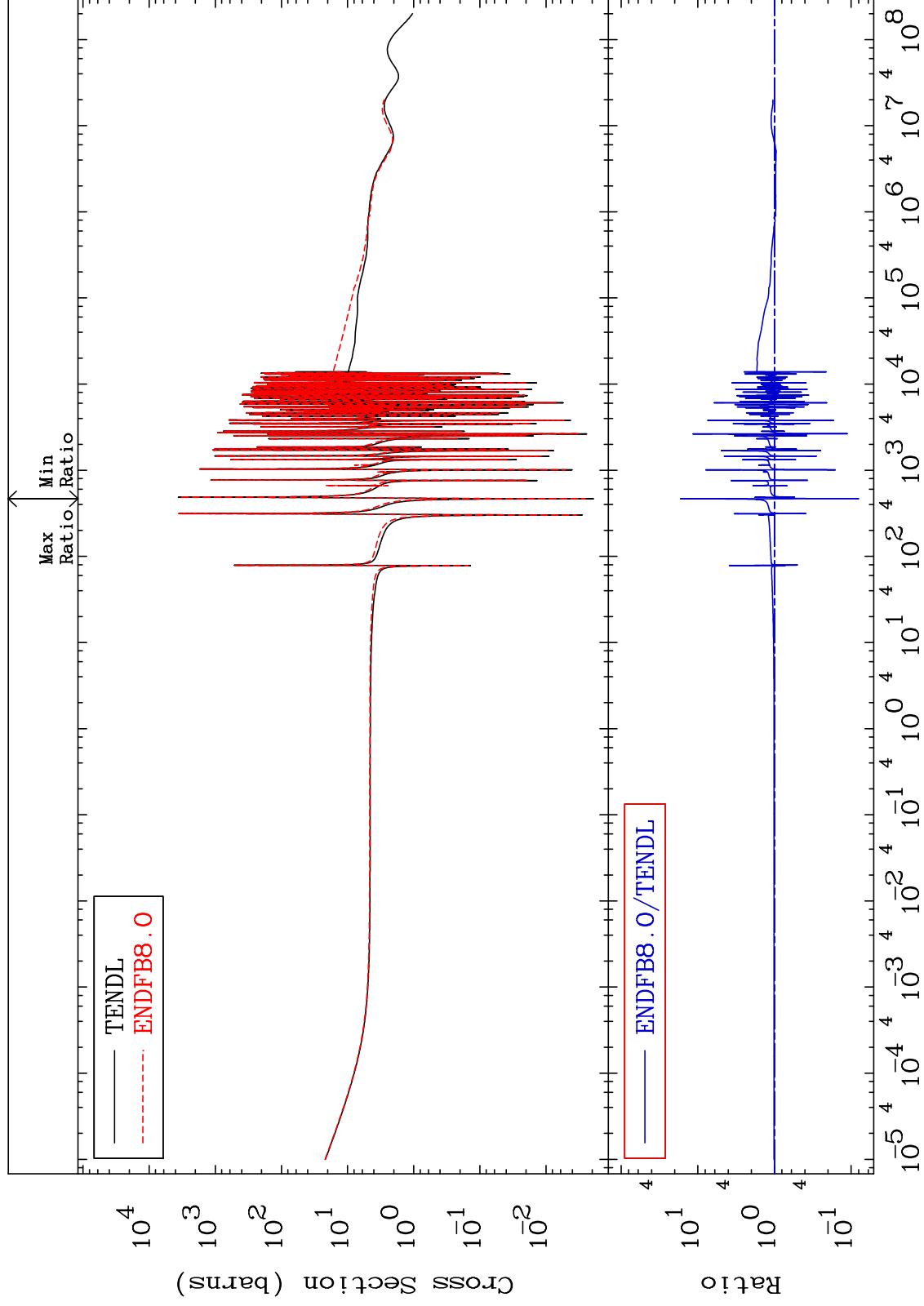
MAT 6049

Elastic

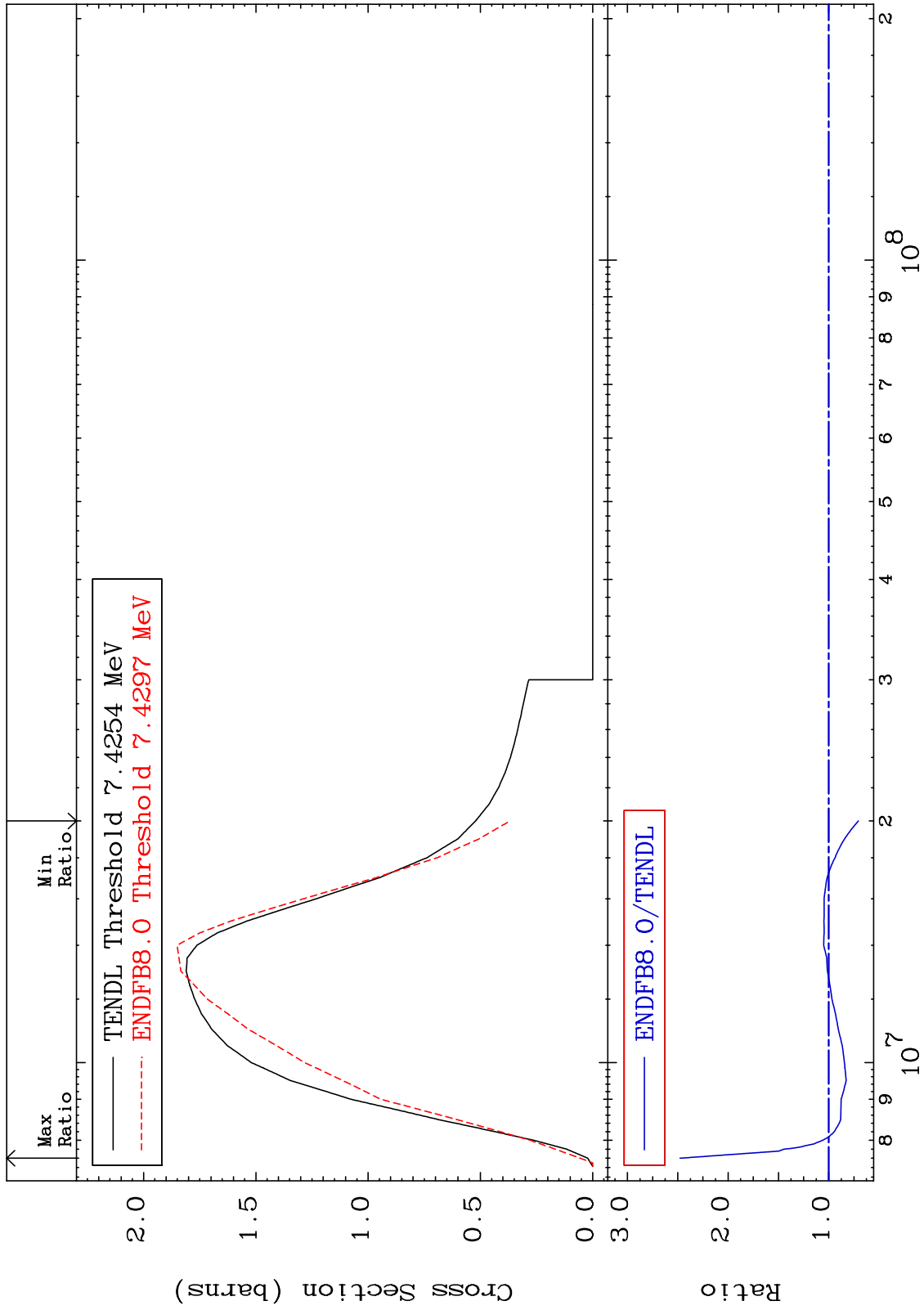
Cross Section

60-Nd-150

-91.98 To 1587. %



MAT 6049 (n,2n) Cross Section 60-Nd-150 -29.47 To 147.8 %



4 60-Nd-150

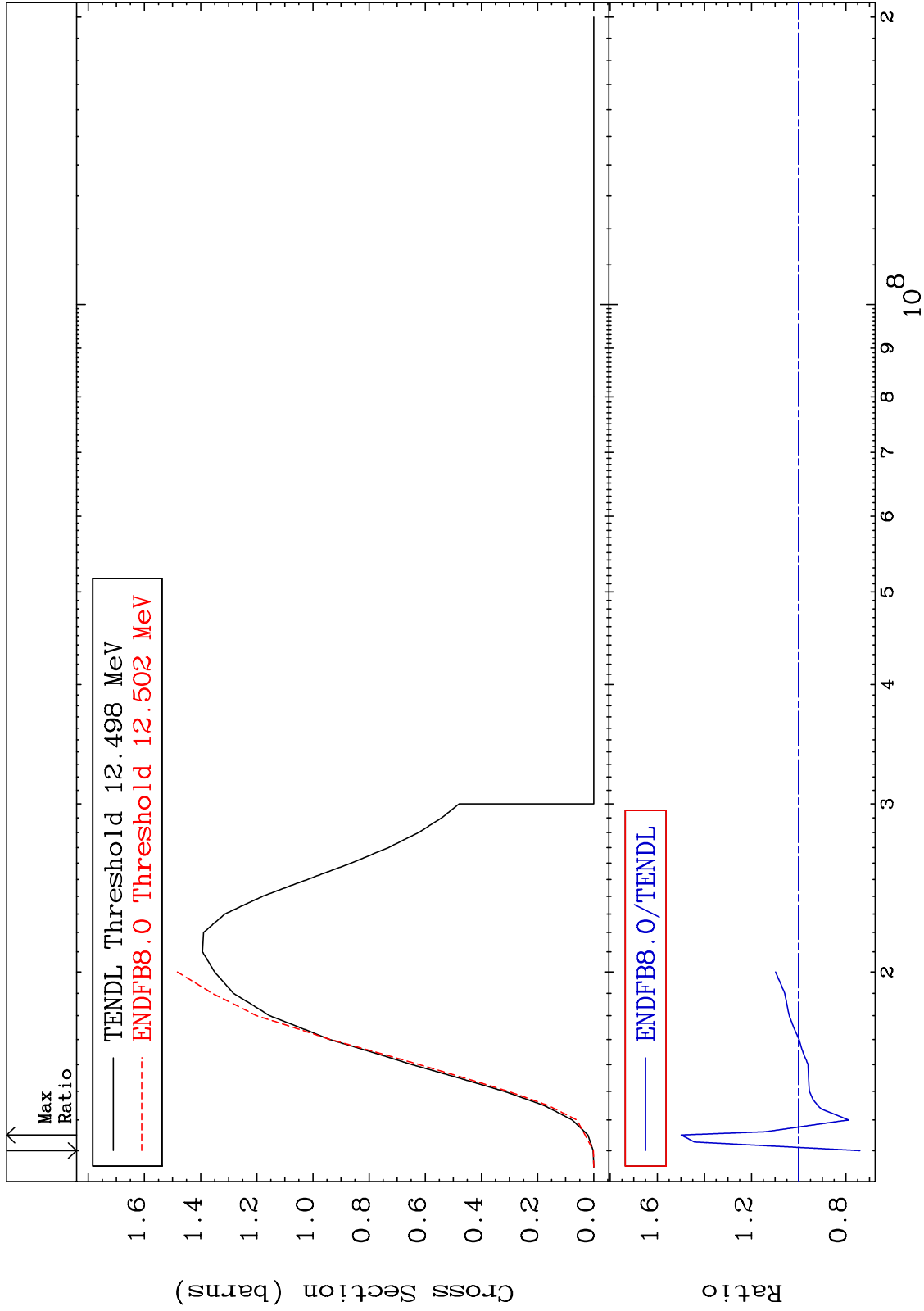
MAT 6049

(n, 3n)

60-Nd-150

Cross Section

-25.99 To 49.85 %



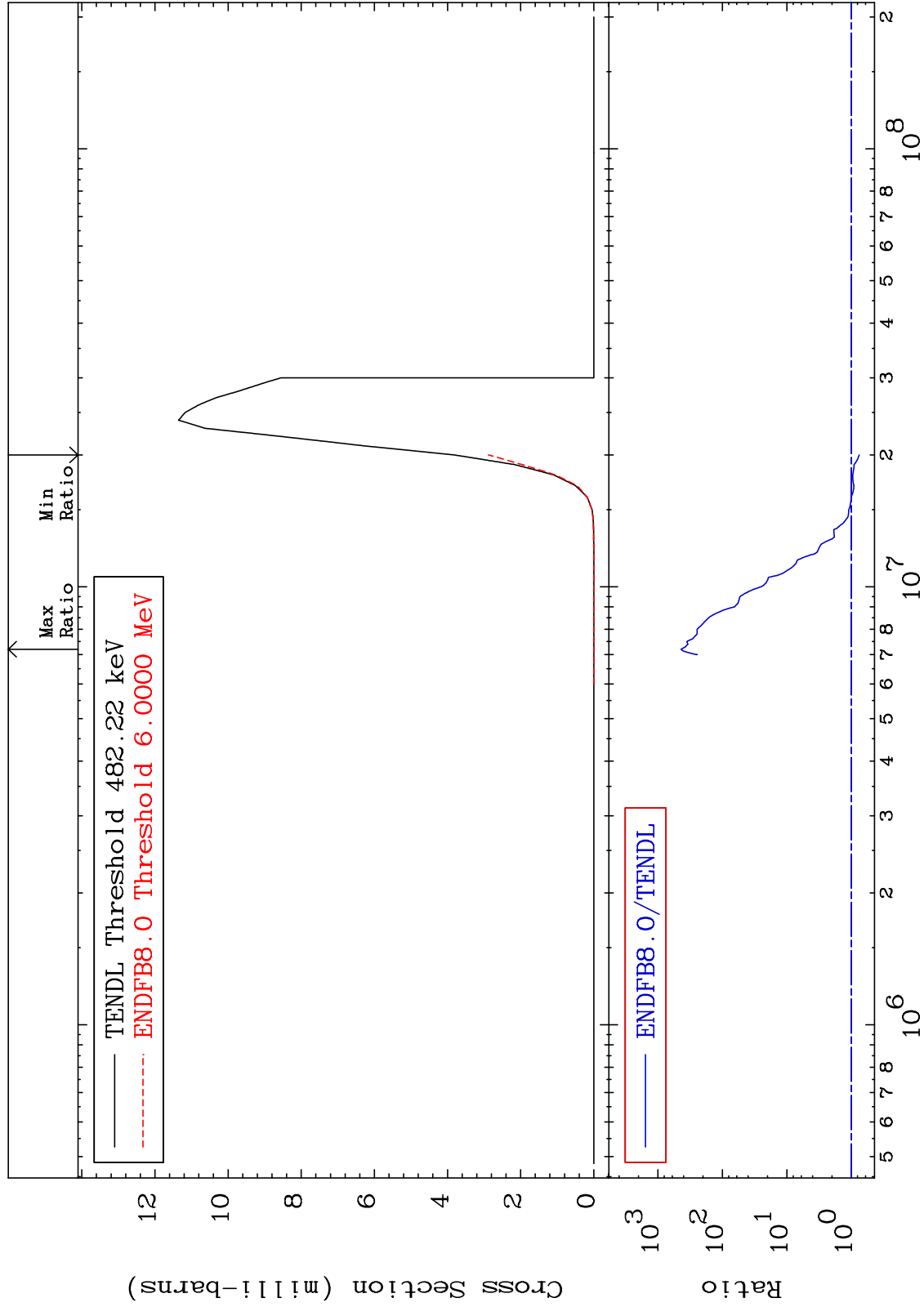
MAT 6049

(n, n') α

60-Nd-150

-24.73 To 9999. %

Cross Section



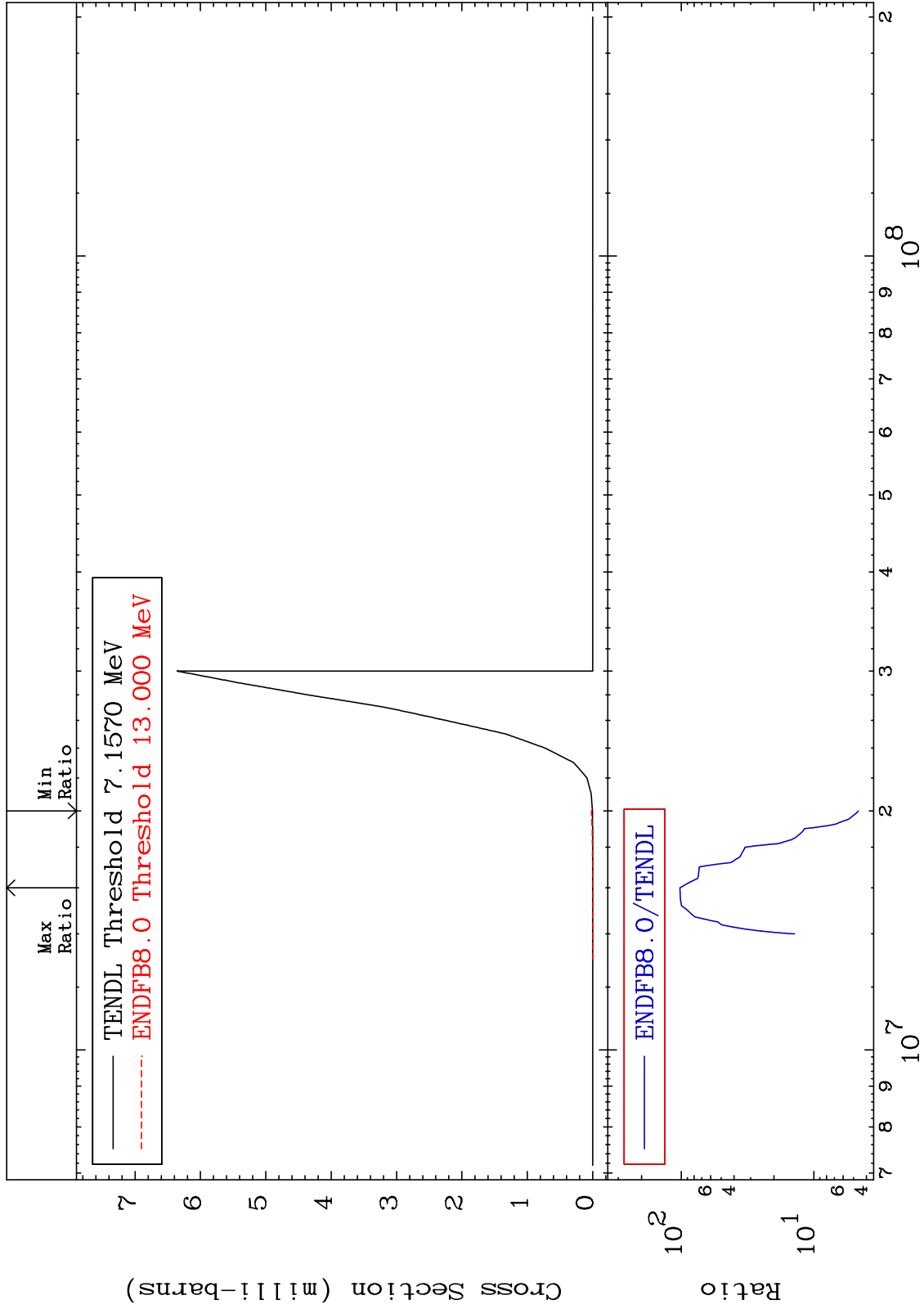
MAT 6049

(n,2n) α

60-Nd-150

Cross Section

360.0 To 9999. %



Incident Energy (eV)

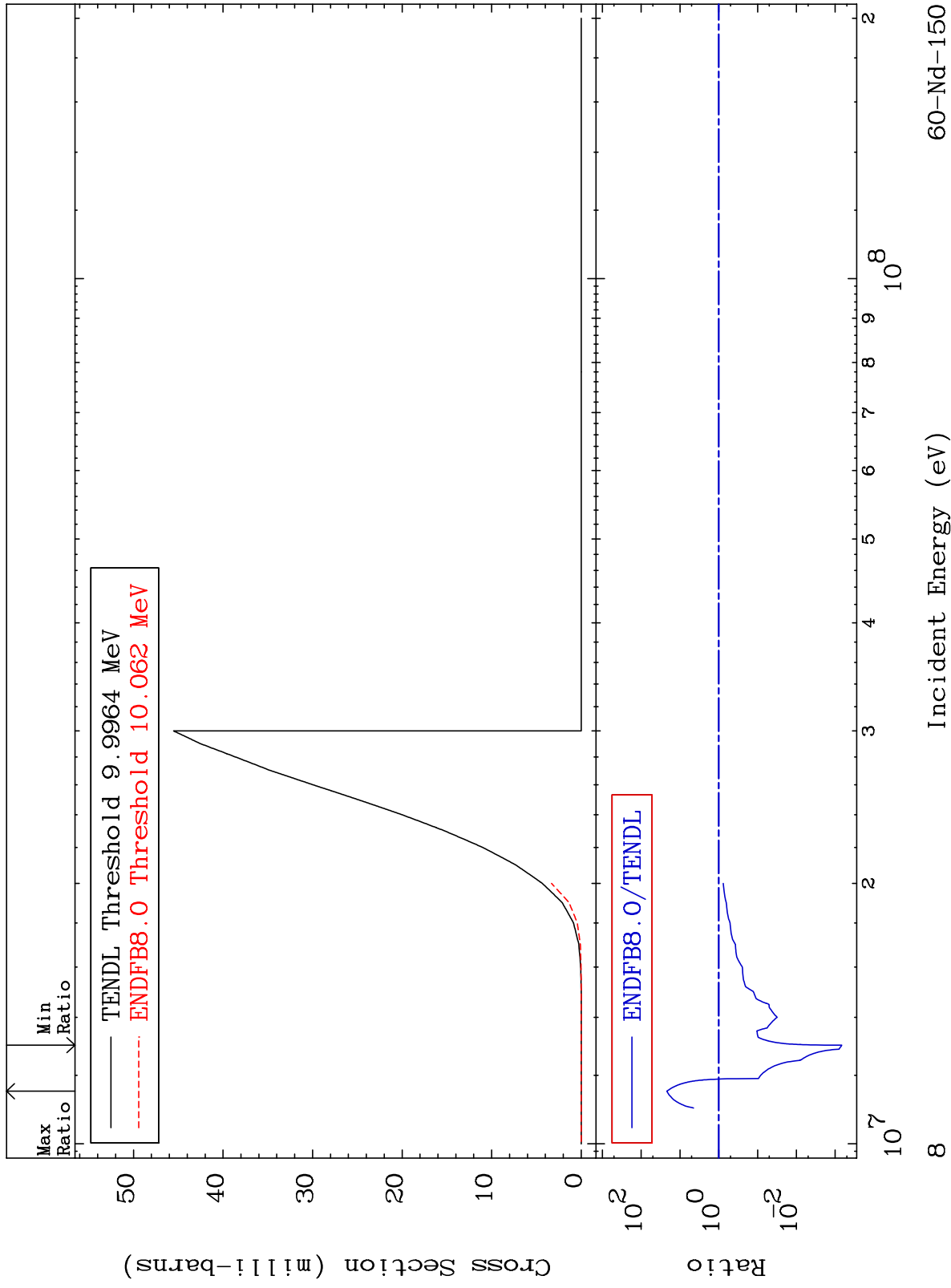
60-Nd-150

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MAT 6049

(n,n') p
Cross Section

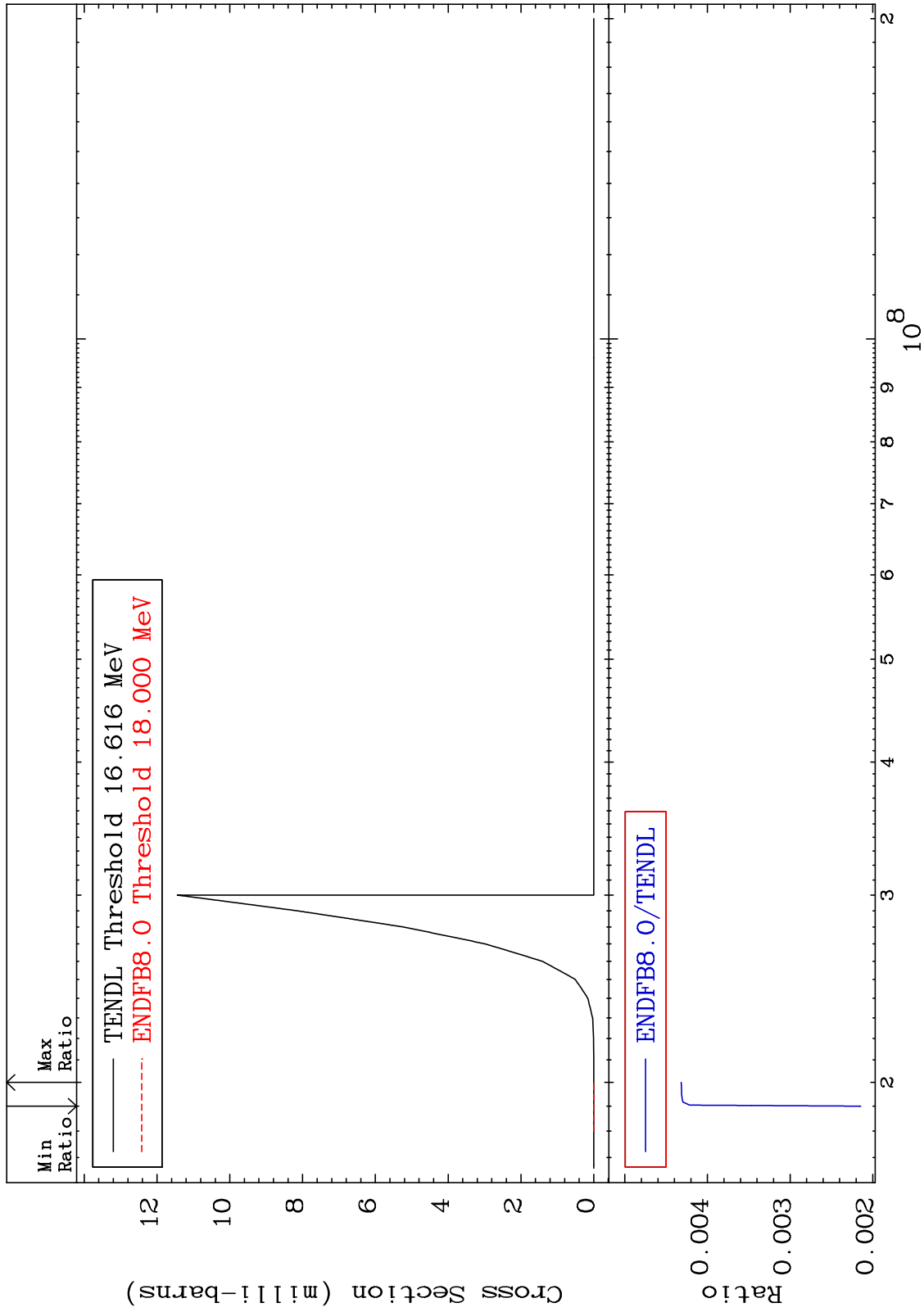
60-Nd-150
-99.93 To 2079. %



MAT 6049

(n,2n) p
Cross Section

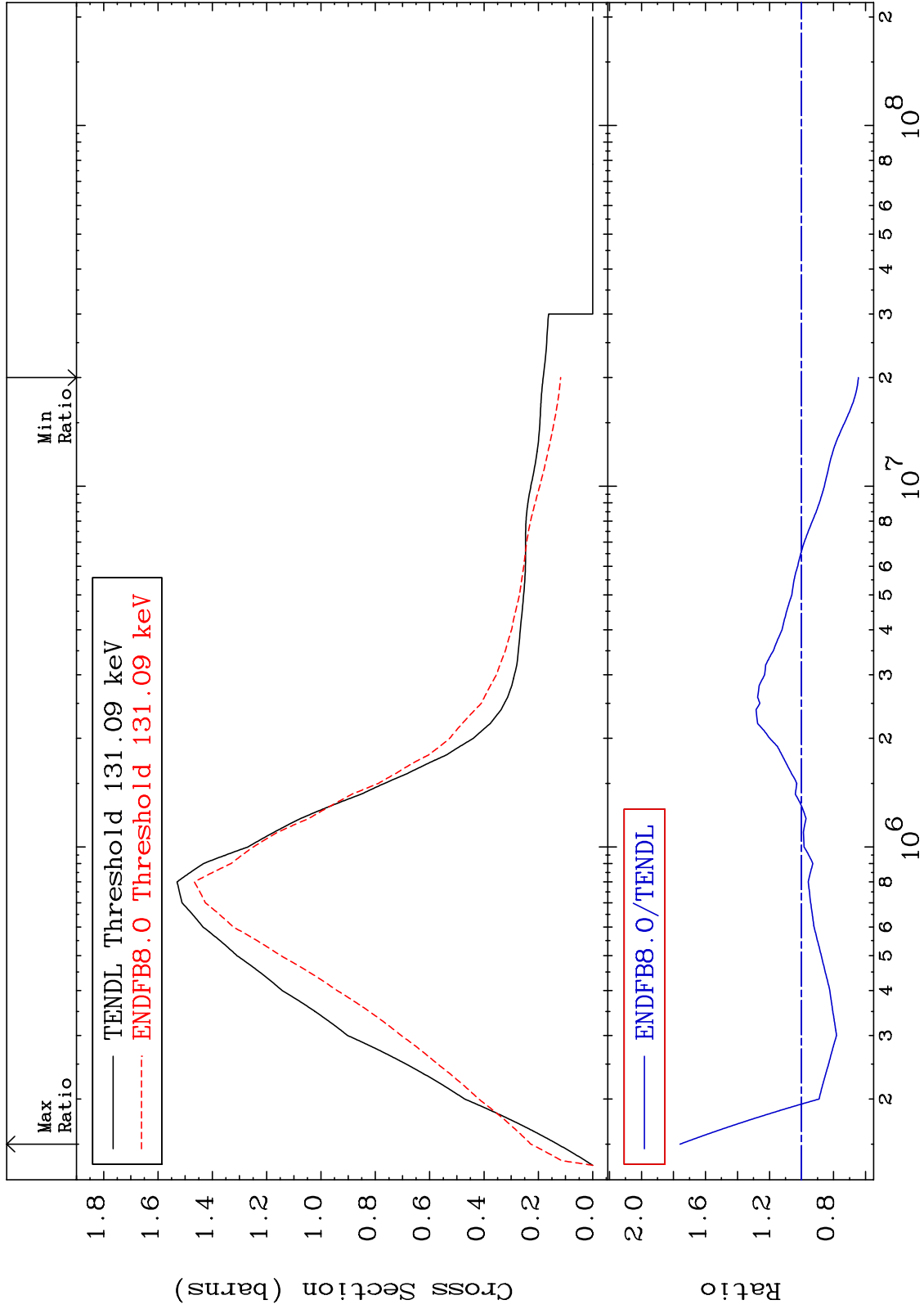
60-Nd-150
-99.78 To -99.57%



MAT 6049

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

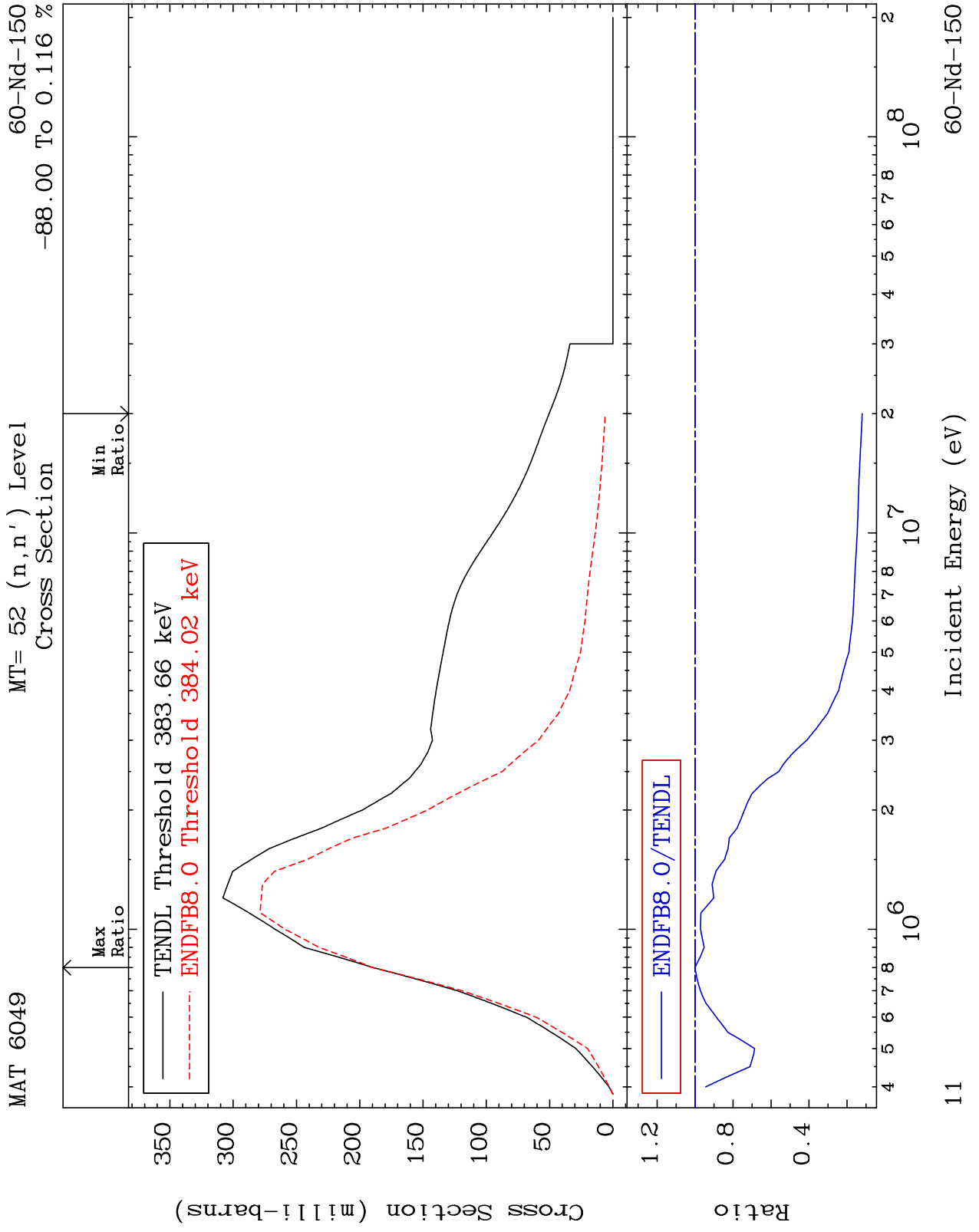
60-Nd-150
-35.54 To 75.91 %



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Incident Energy (eV)

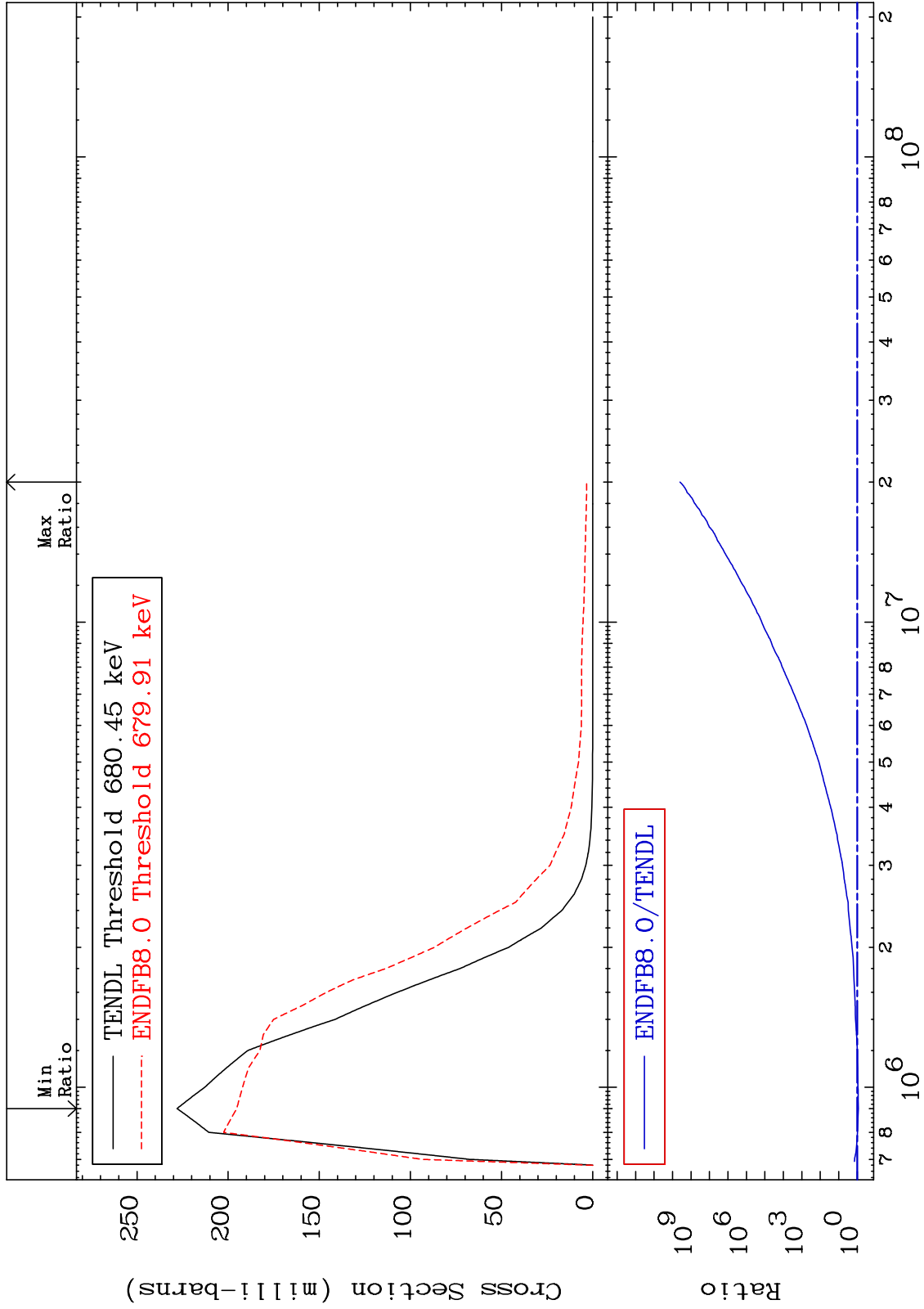
60-Nd-150



MAT 6049

MT= 53 (n,n') Level
Cross Section

60-Nd-150
-14.36 To 9999. %



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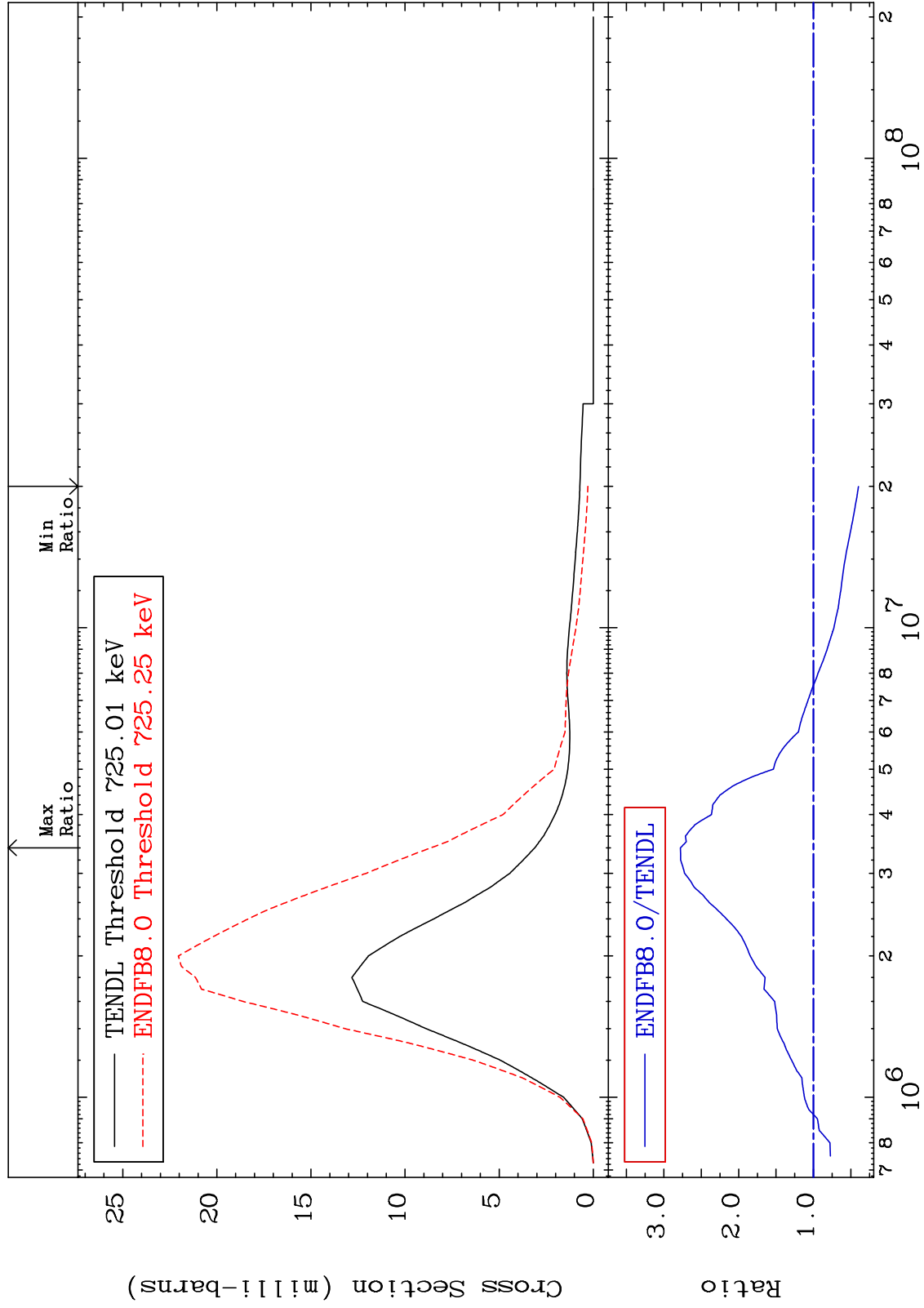
Incident Energy (eV)

60-Nd-150

MAT 6049

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

60-Nd-150
-60.18 To 177.8 %

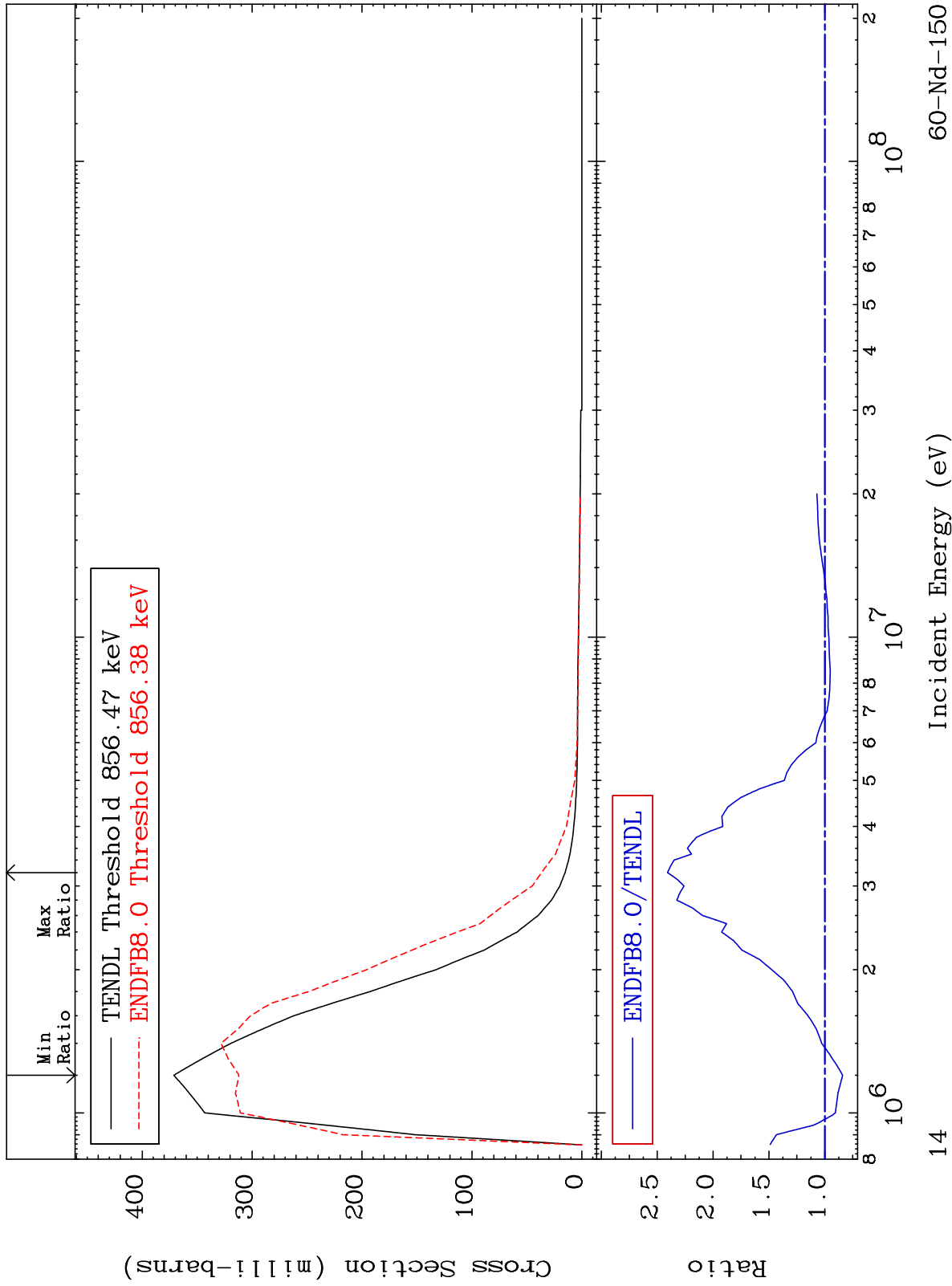


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Incident Energy (eV)

60-Nd-150

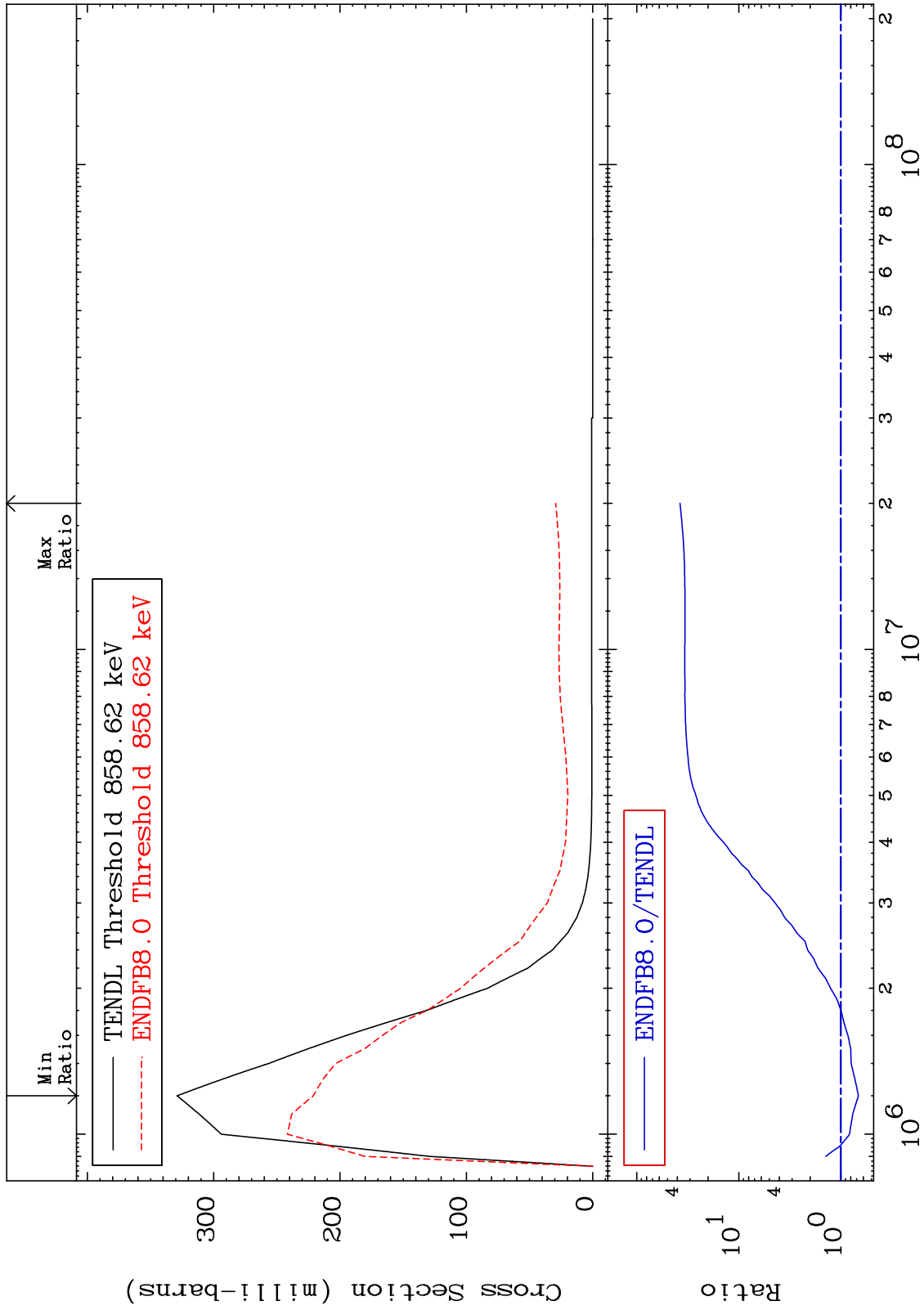
MAT 6049 MT= 55 (n,n') Level
Cross Section 60-Nd-150
-15.96 To 140.8 %



60-Nd-150

Incident Energy (eV)

MAT 6049 MT= 56 (n,n') Level 60-Nd-150
Cross Section -32.77 To 3662. %

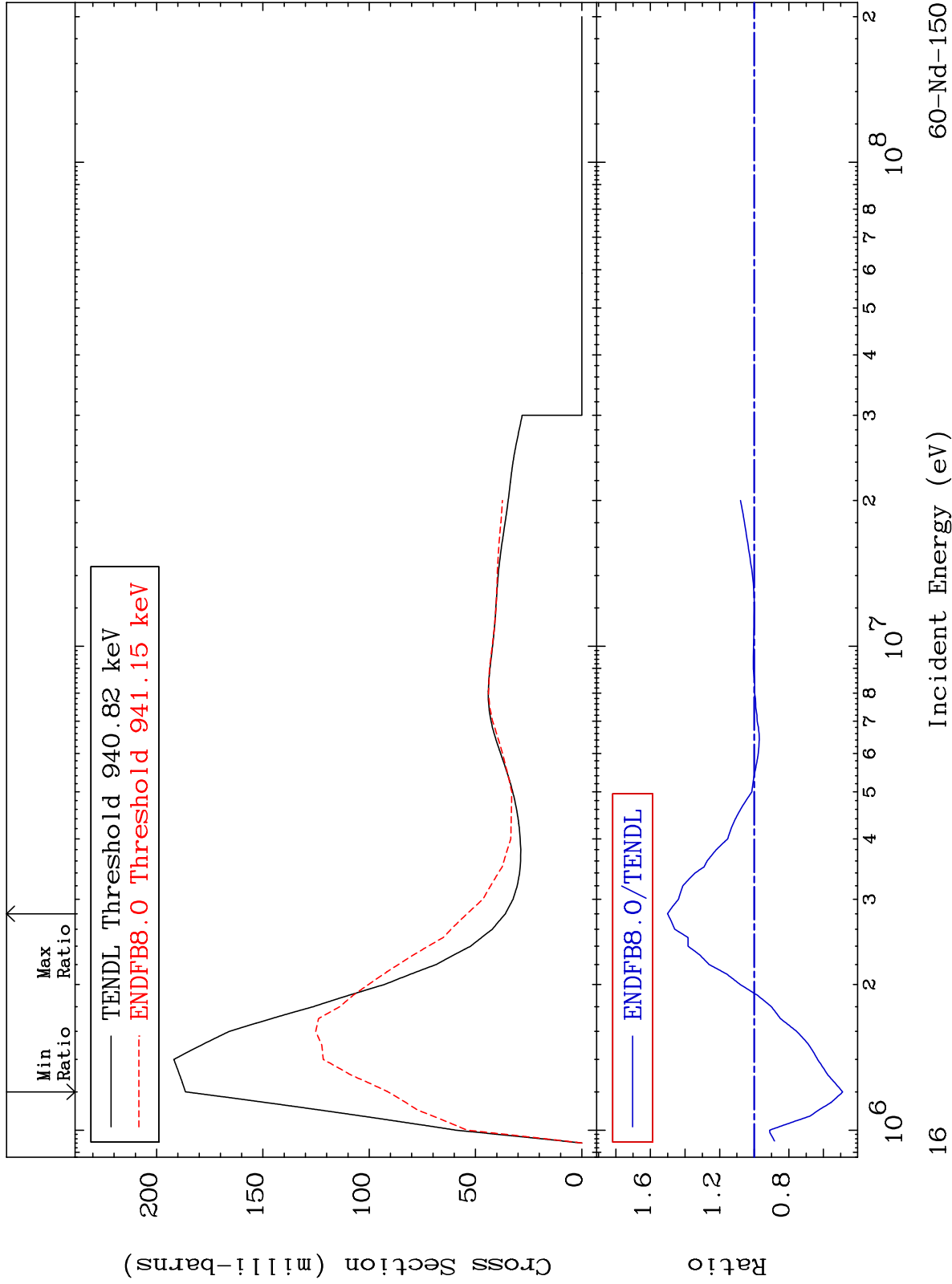


15 60-Nd-150

MAT 6049

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

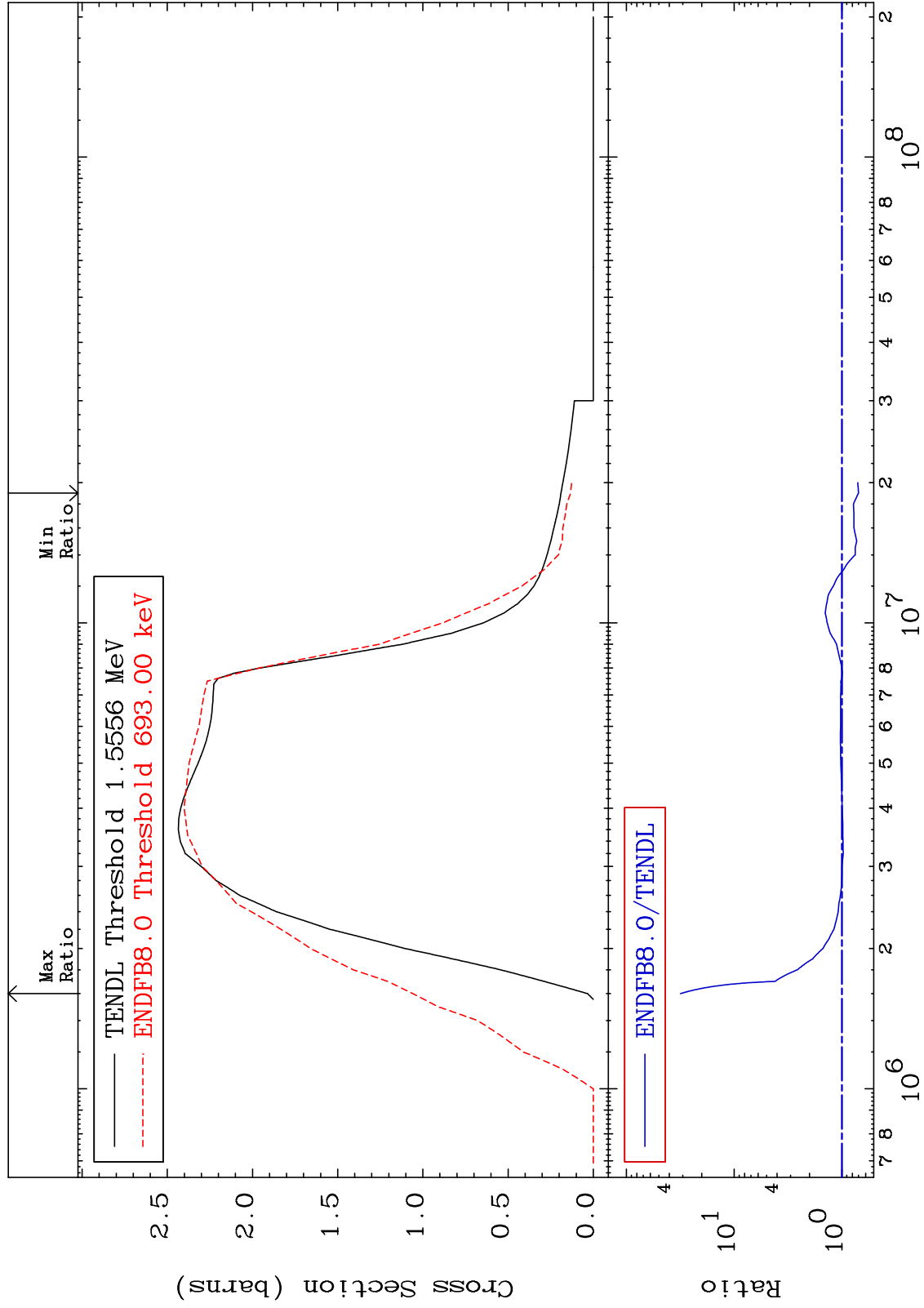
60-Nd-150
-51.11 To 50.09 %



MAT 6049

(n, n') Continuum
Cross Section

60-Nd-150
-29.99 To 3052. %



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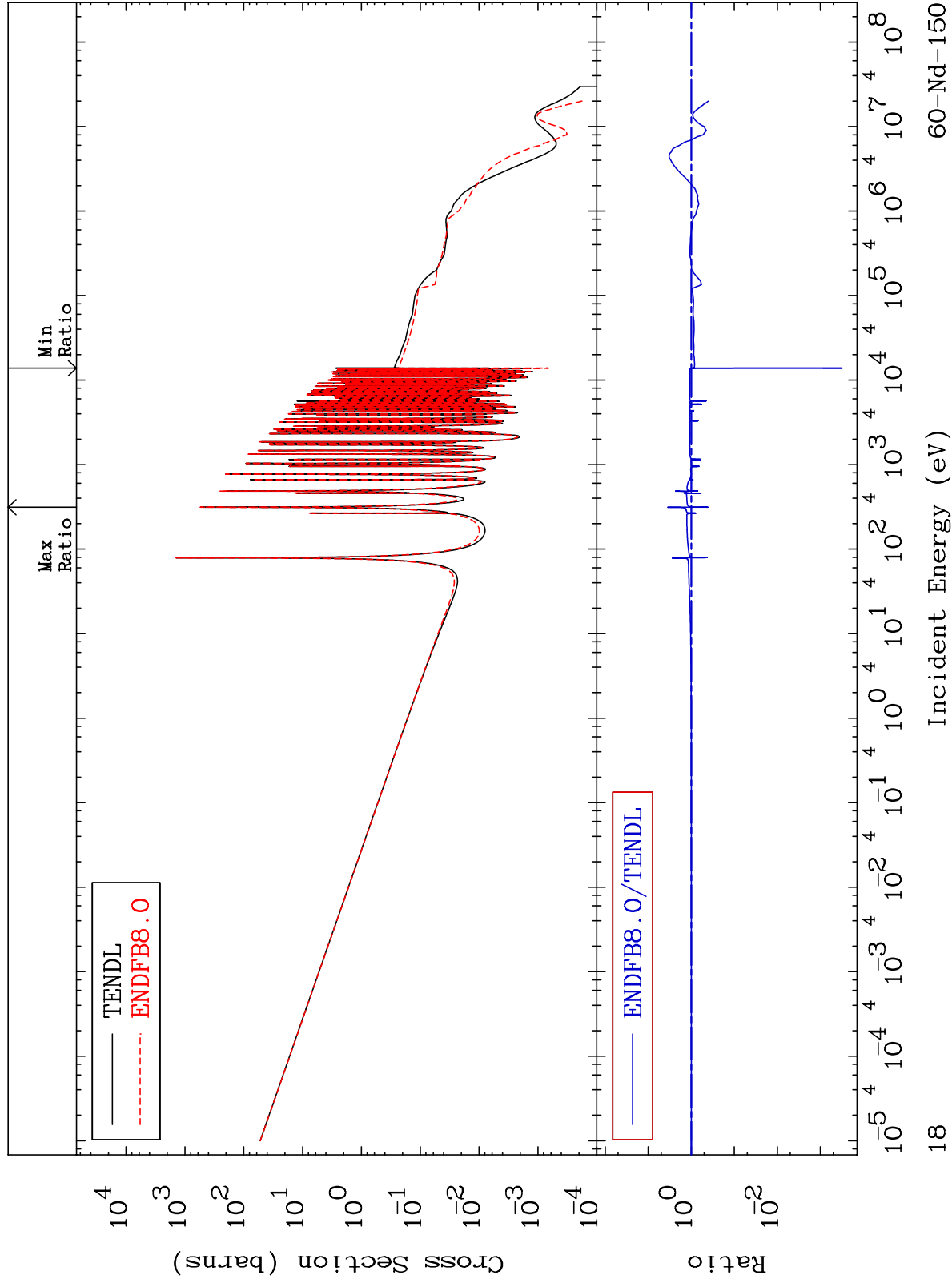
Incident Energy (eV)

60-Nd-150

MAT 6049

(n, γ)
Cross Section

60-Nd-150
-99.97 To 257.1 %



60-Nd-150

Incident Energy (eV)

18

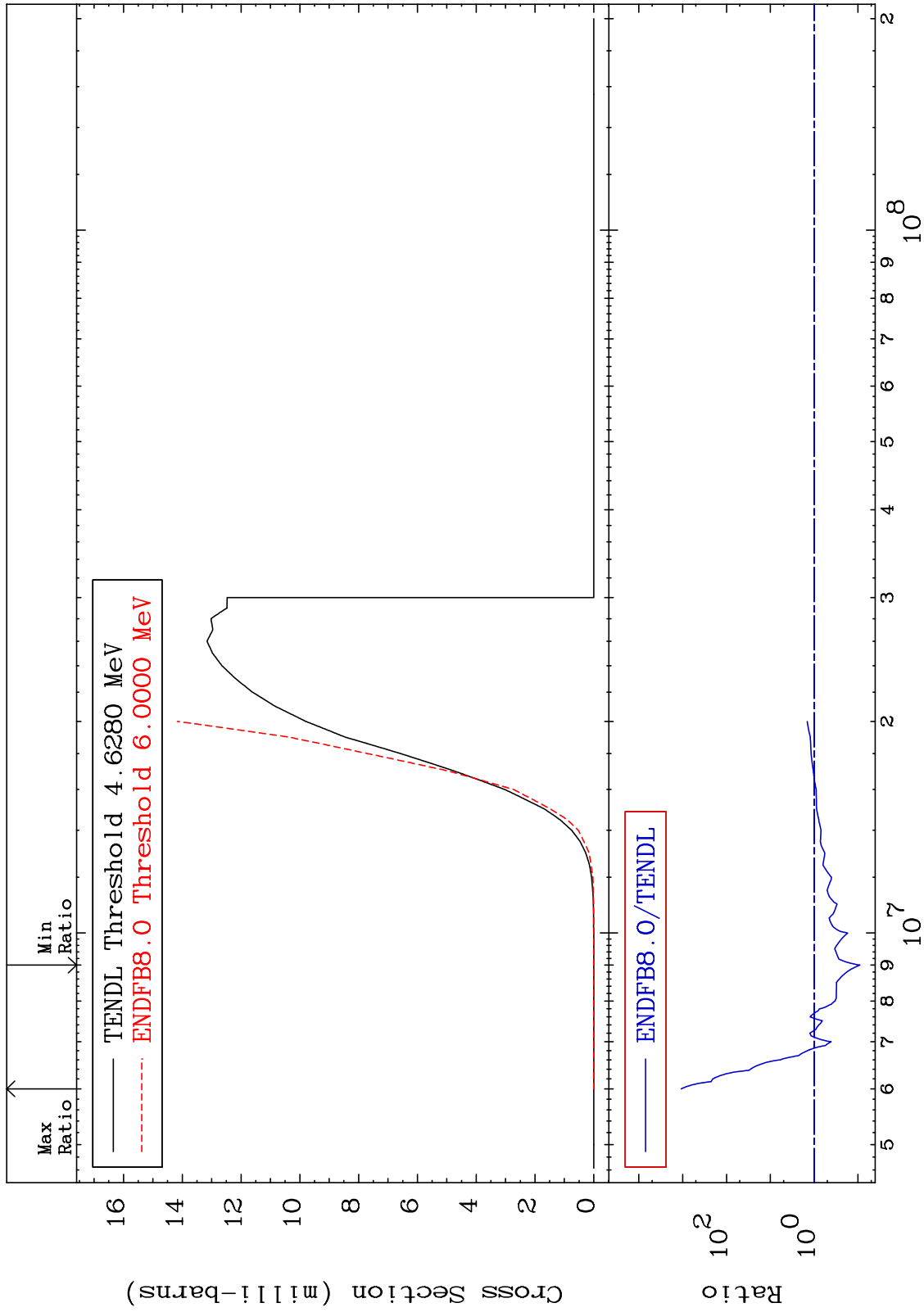
MAT 6049

(n,p)

60-Nd-150

Cross Section

-90.97 To 9999. %



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Incident Energy (eV)

60-Nd-150

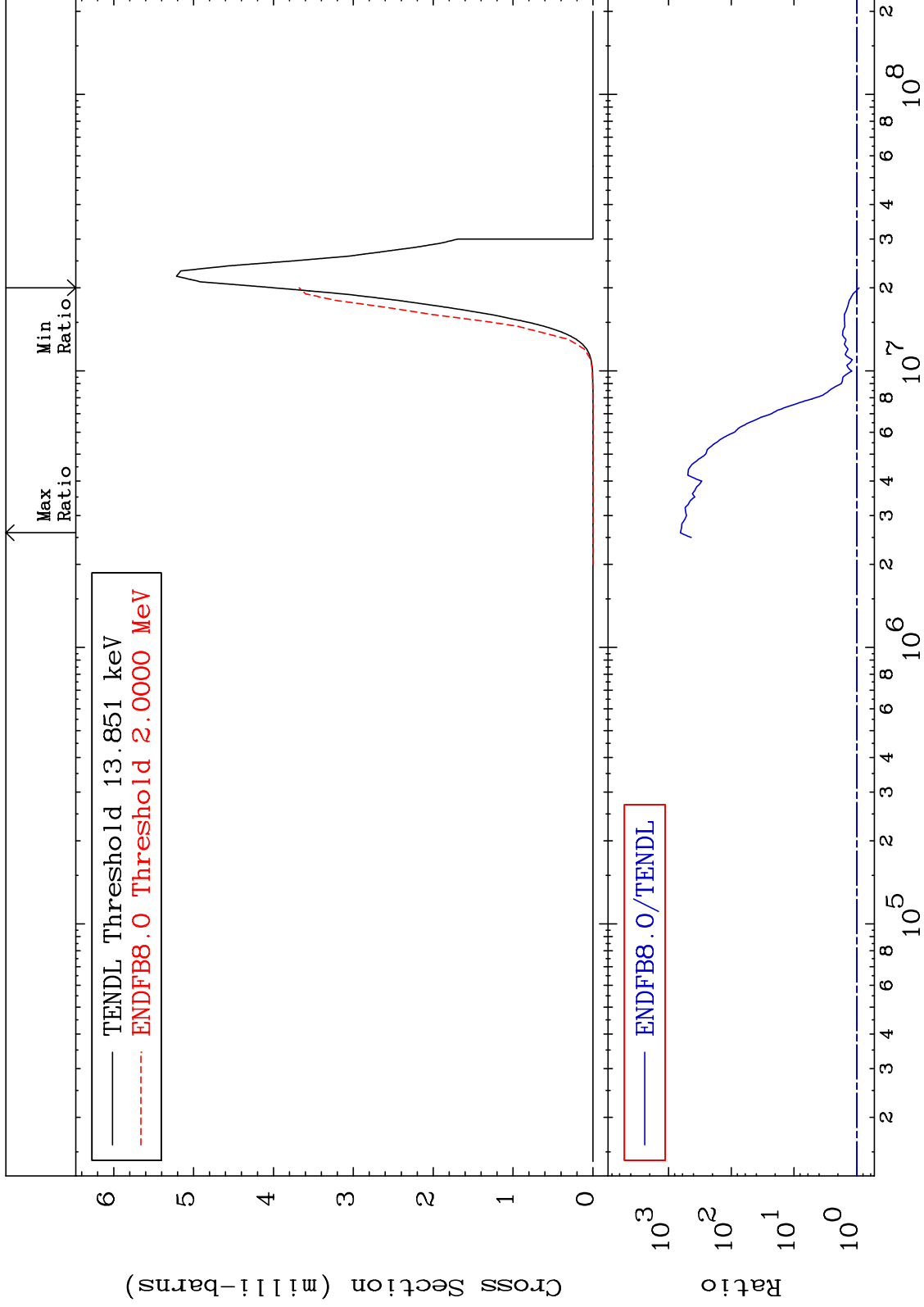
MAT 6049

(n, α)

60-Nd-150

Cross Section

-8.067 To 9999. %



20

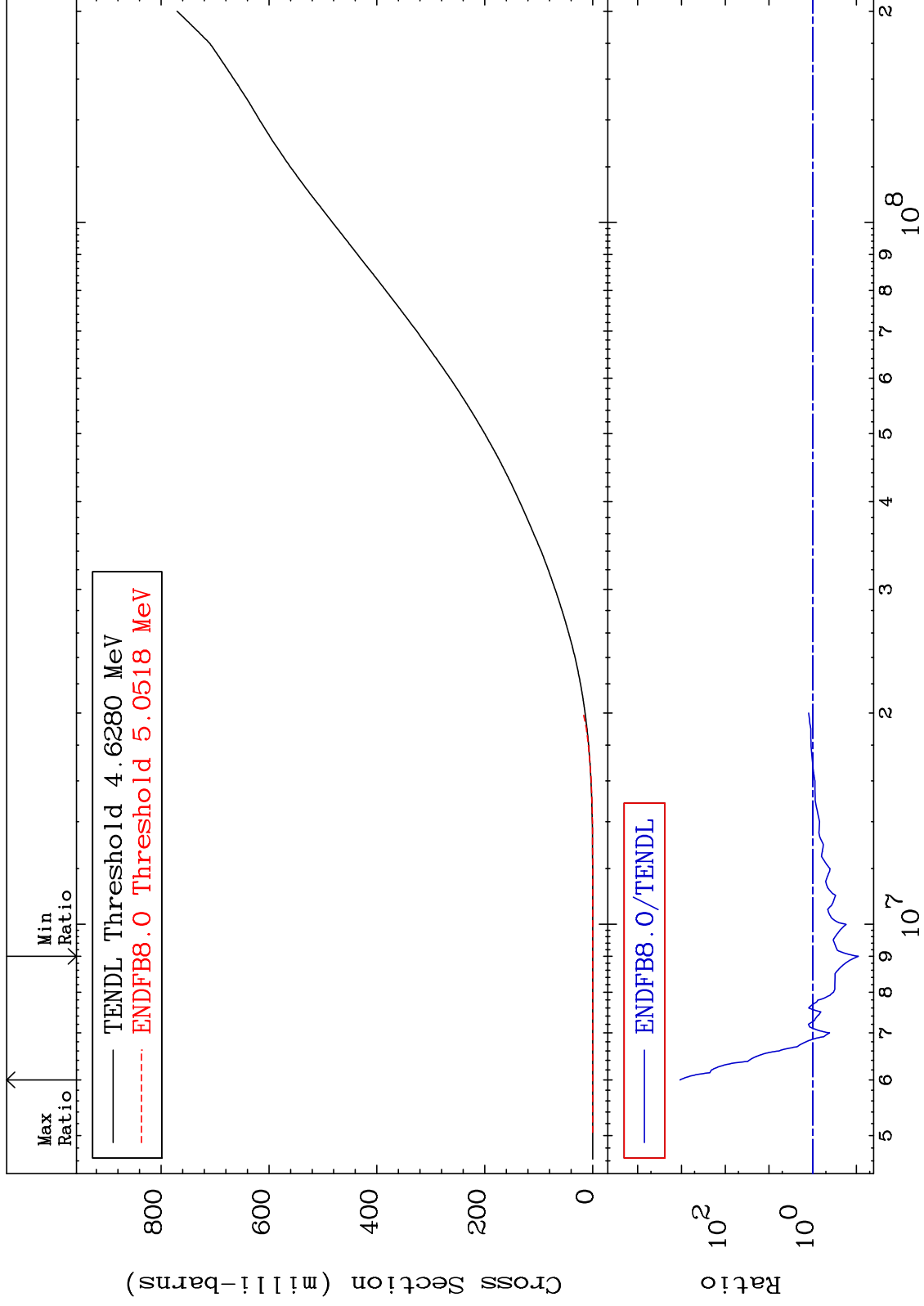
Incident Energy (eV)

60-Nd-150

MAT 6049

Hydrogen Production
Cross Section

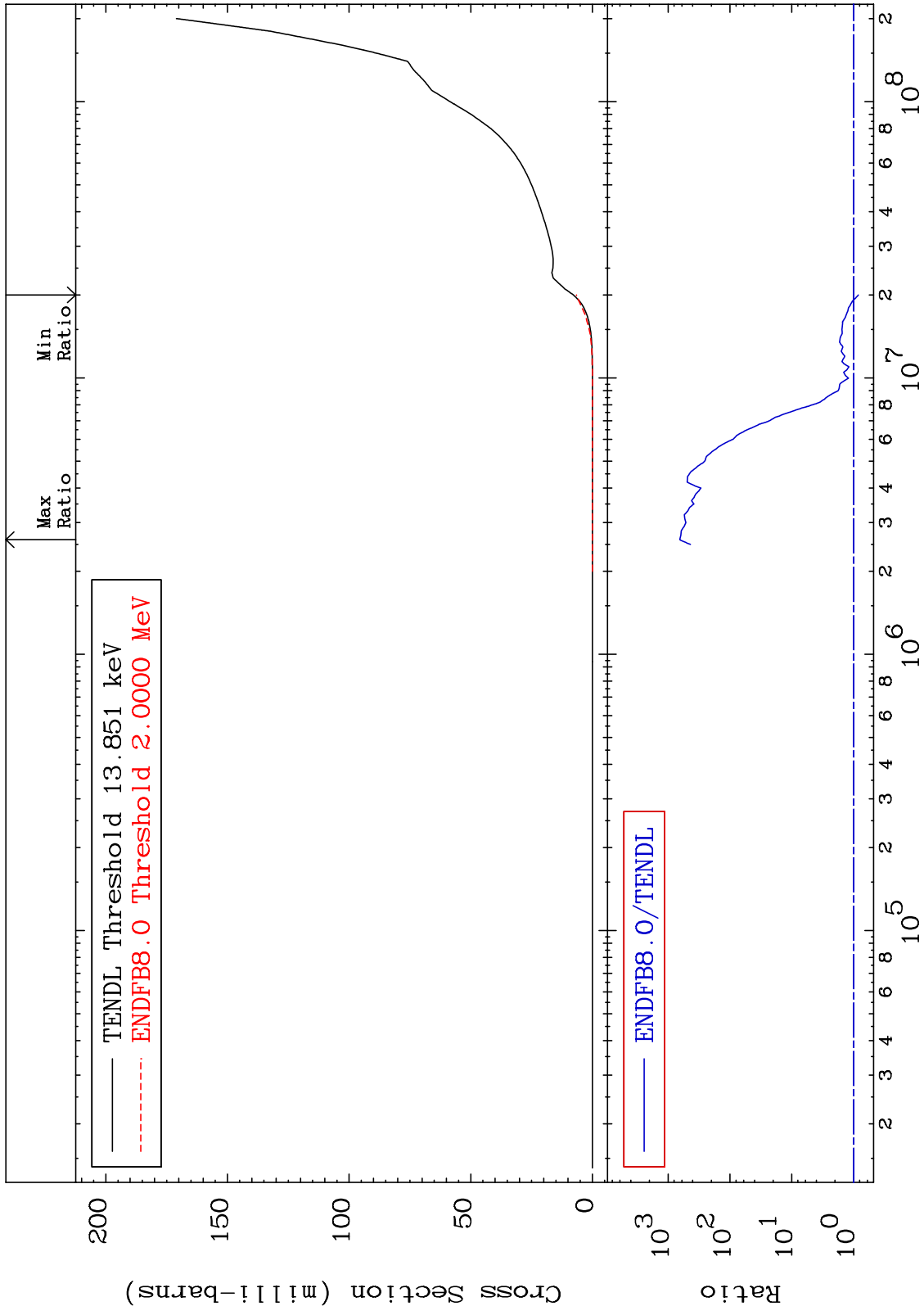
60-Nd-150
-90.97 To 9999. %



MAT 6049

He-4 Production
Cross Section

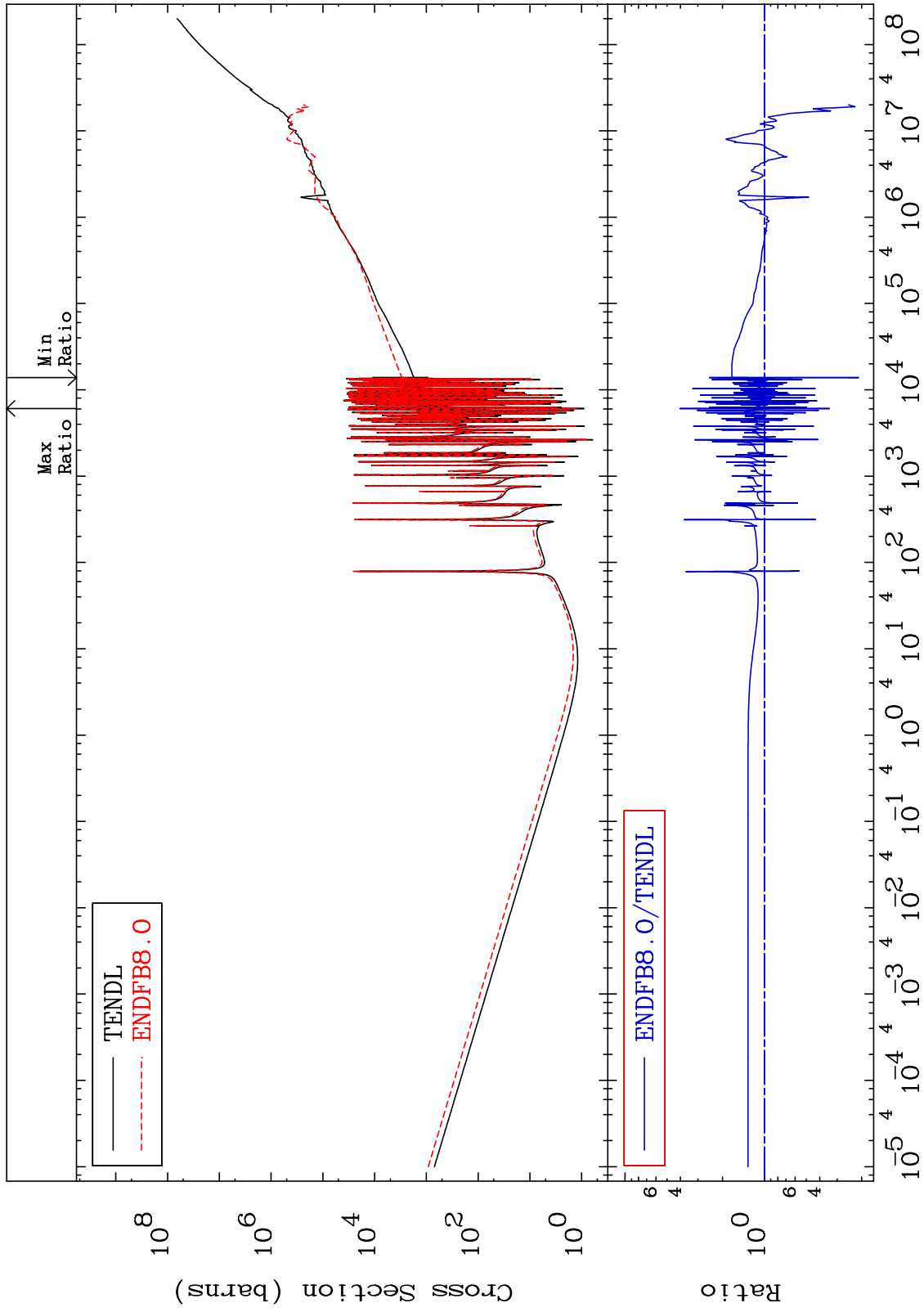
60-Nd-150
-16.01 To 9999. %



MAT 6049

Kerma total (eV-barns)
Cross Section

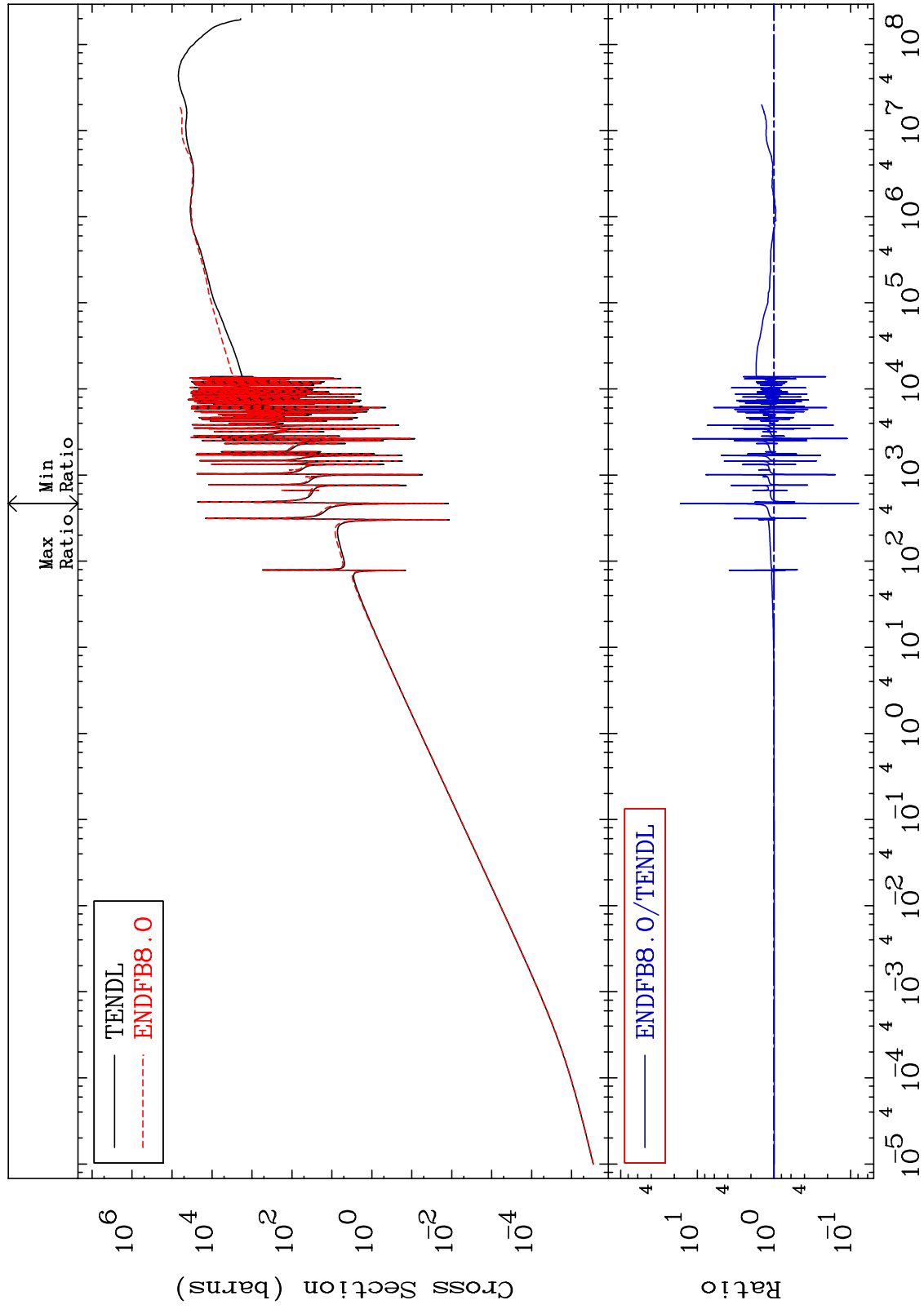
60-Nd-150
-78.90 To 303.1 %



MAT 6049

Kerma elastic
Cross Section

60-Nd-150
-92.10 To 1562. %



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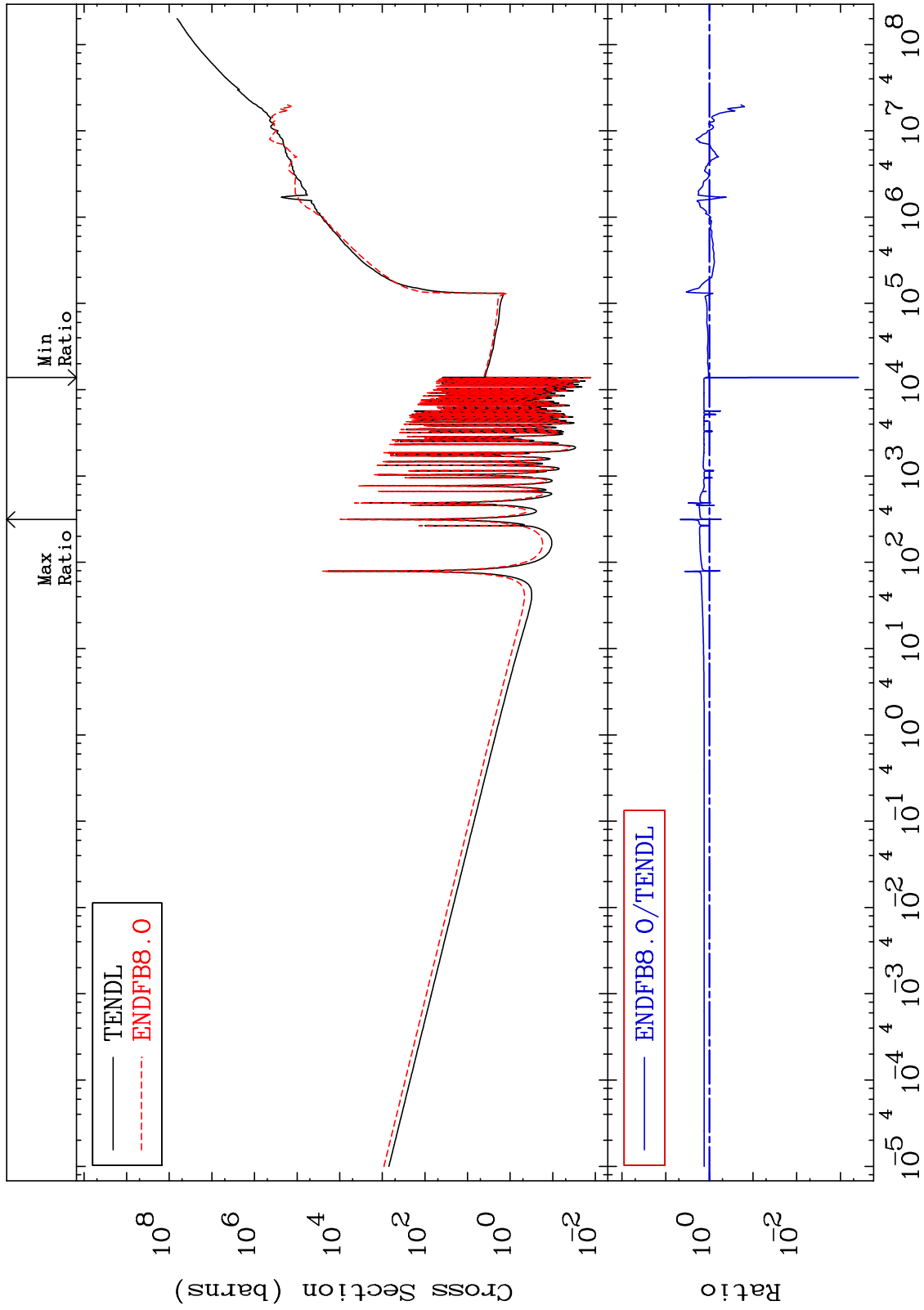
Incident Energy (eV)

60-Nd-150

MAT 6049

Kerma non-elastic (all but mt2)
Cross Section

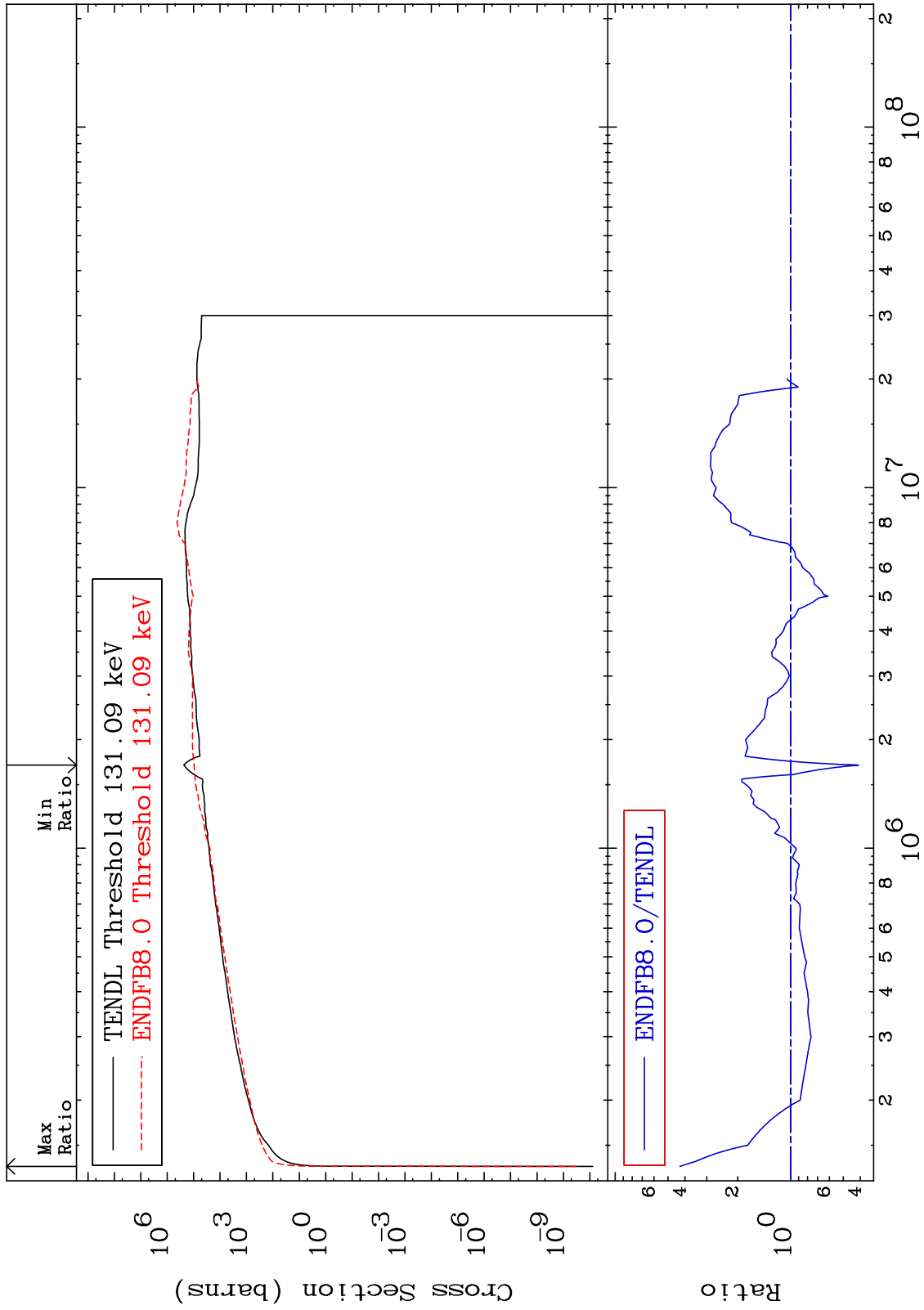
60-Nd-150
-99.96 To 369.7 %



MAT 6049

Kerma inelastic (mt51-91)
Cross Section

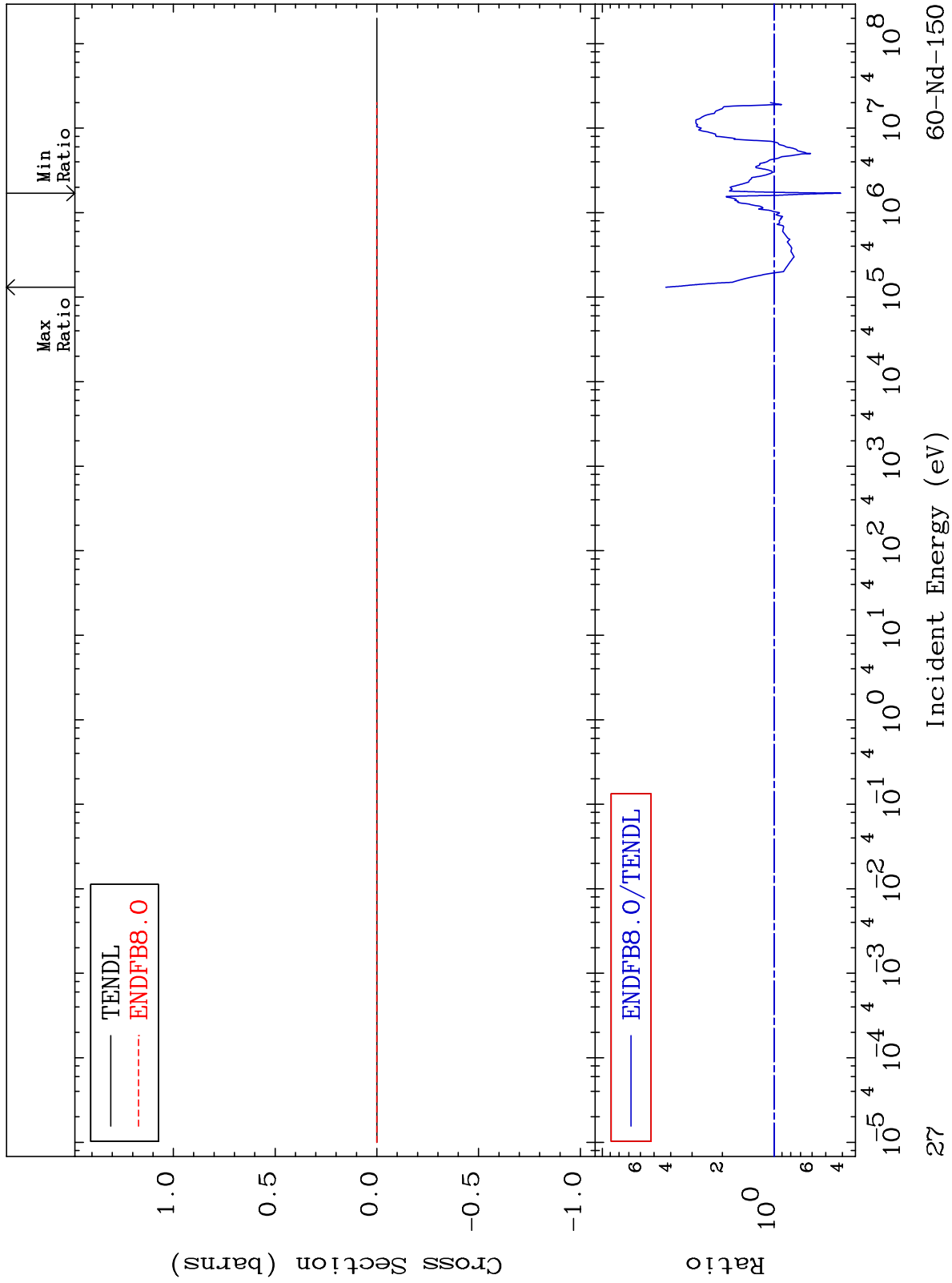
60-Nd-150
-59.02 To 326.7 %



MAT 6049

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

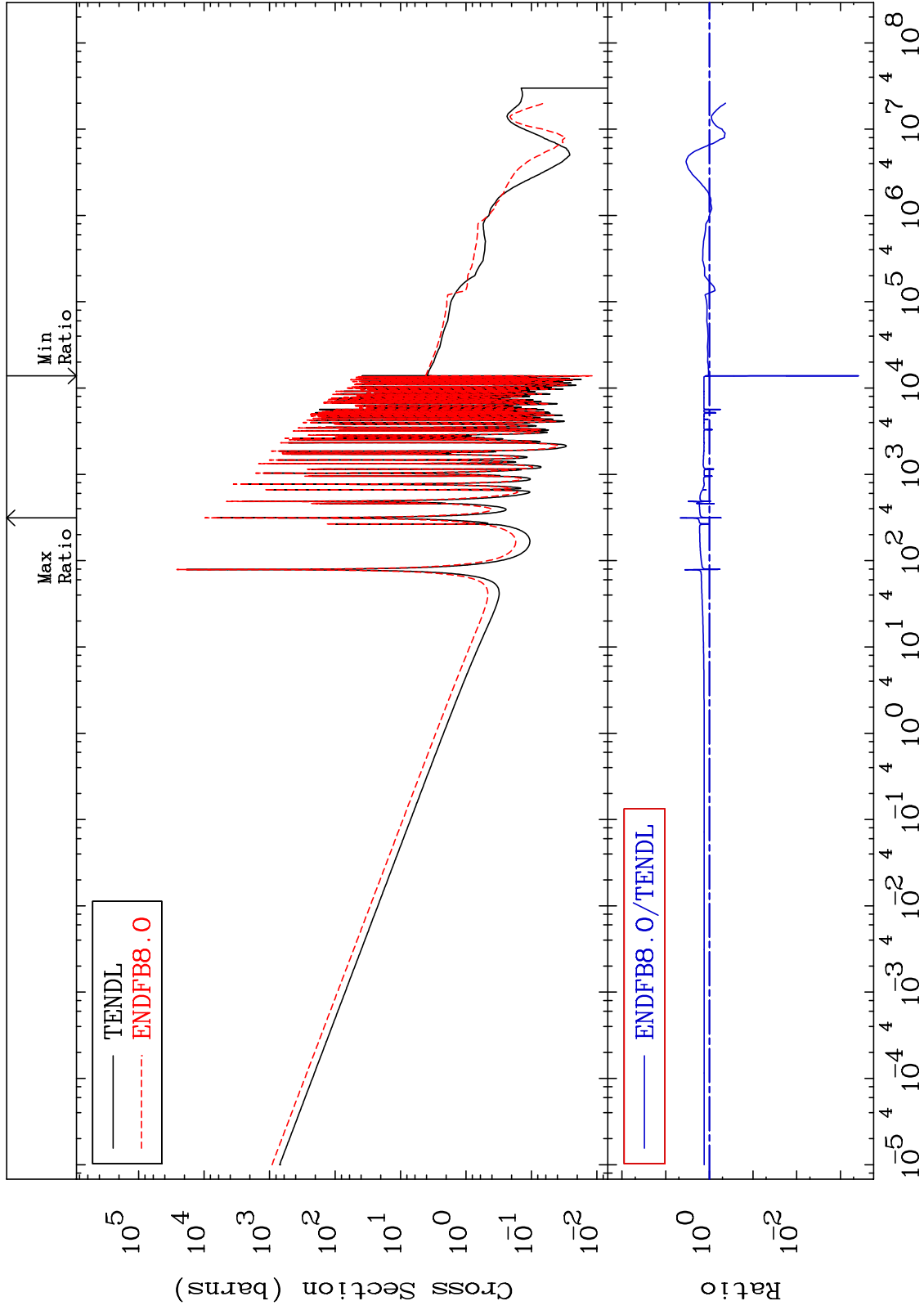
60-Nd-150
-59.02 To 326.7 %



MAT 6049

Kerma capture (mt102)
Cross Section

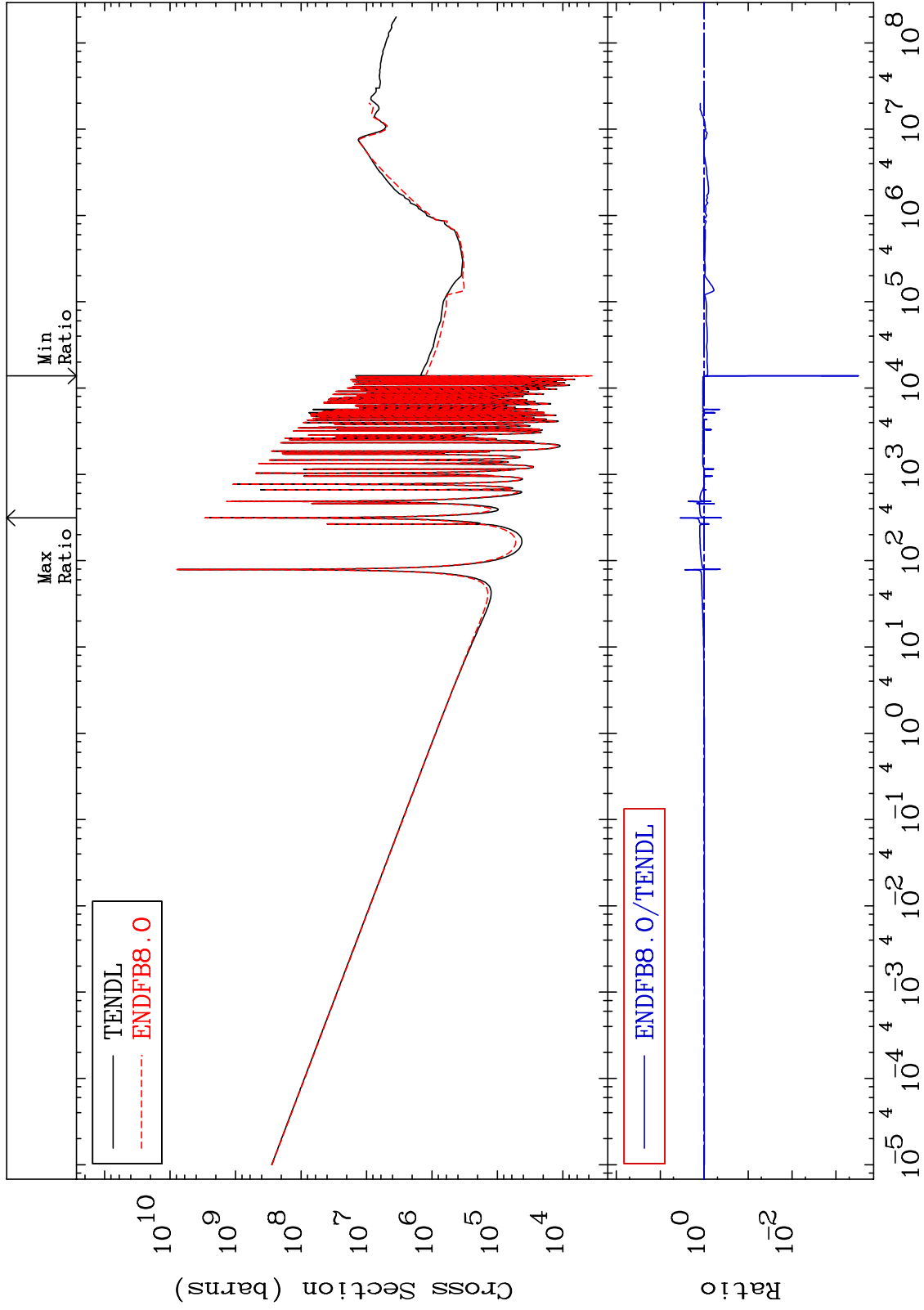
60-Nd-150
-99.96 To 369.7 %



MAT 6049

Total photon (eV-barns)
Cross Section

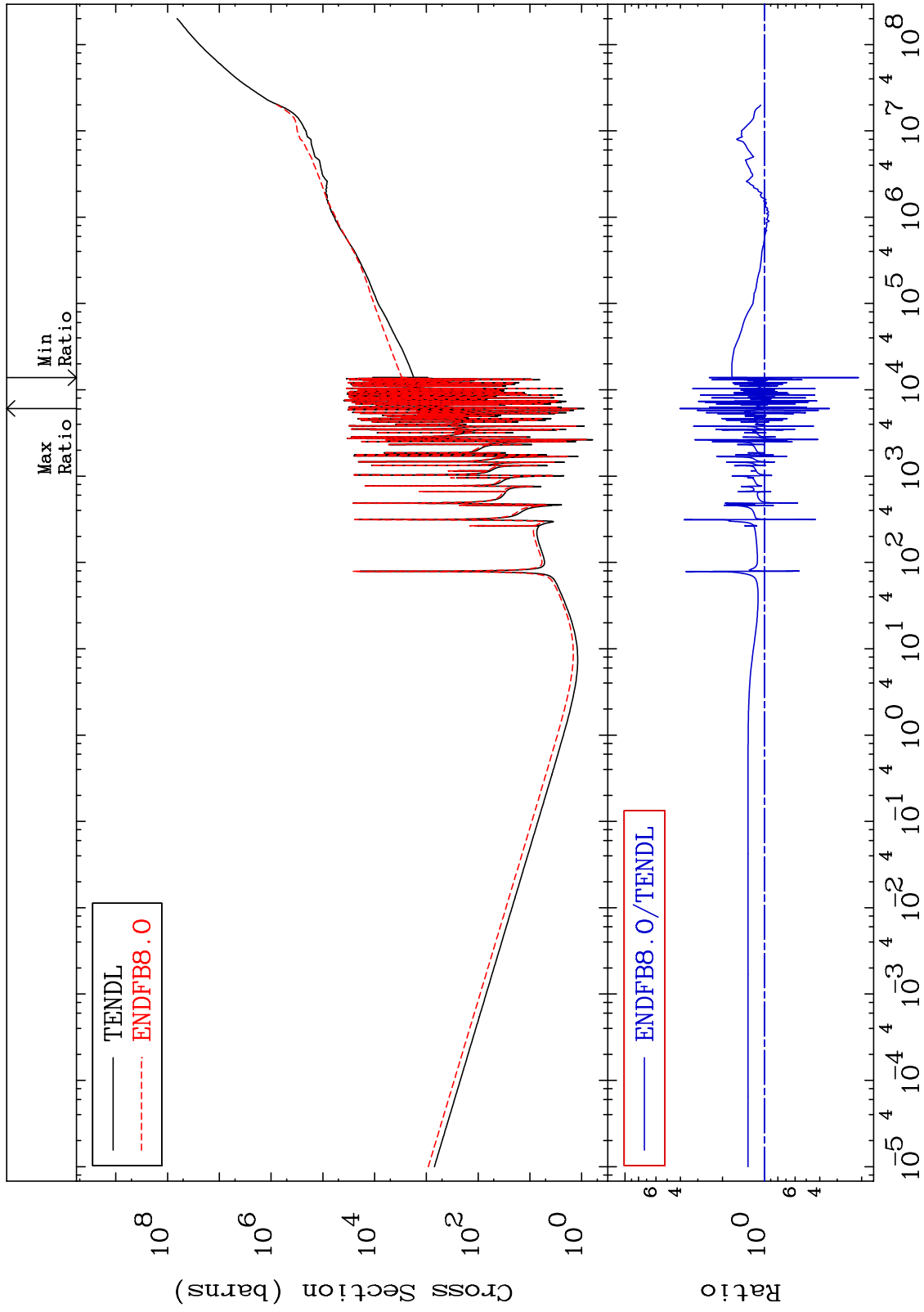
60-Nd-150
-99.97 To 254.7 %



MAT 6049

Total kinematic kerma (high limit)
Cross Section

60-Nd-150
-78.90 To 303.1 %



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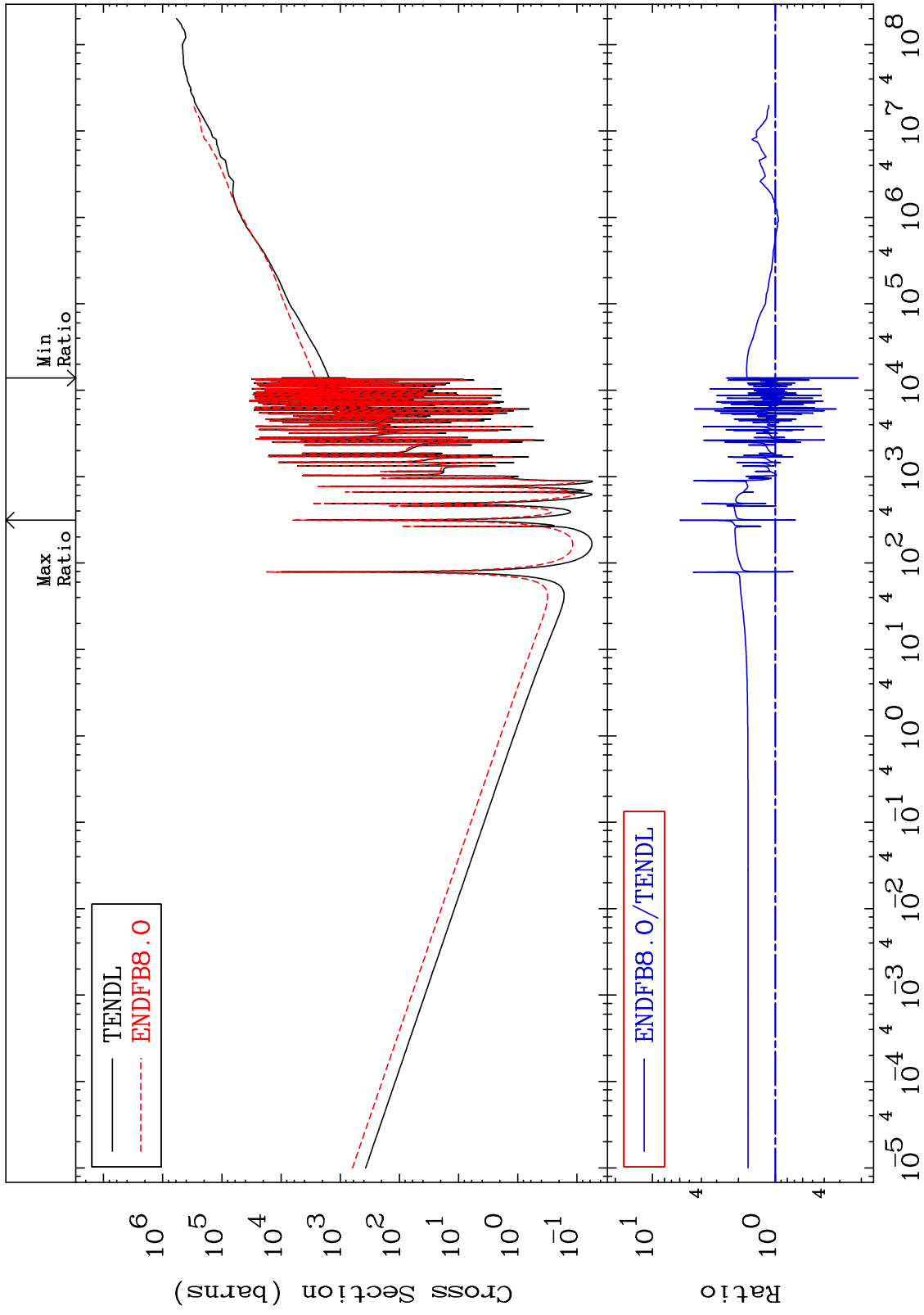
Incident Energy (eV)

60-Nd-150

MAT 6049

Dpa total (eV-barns)
Cross Section

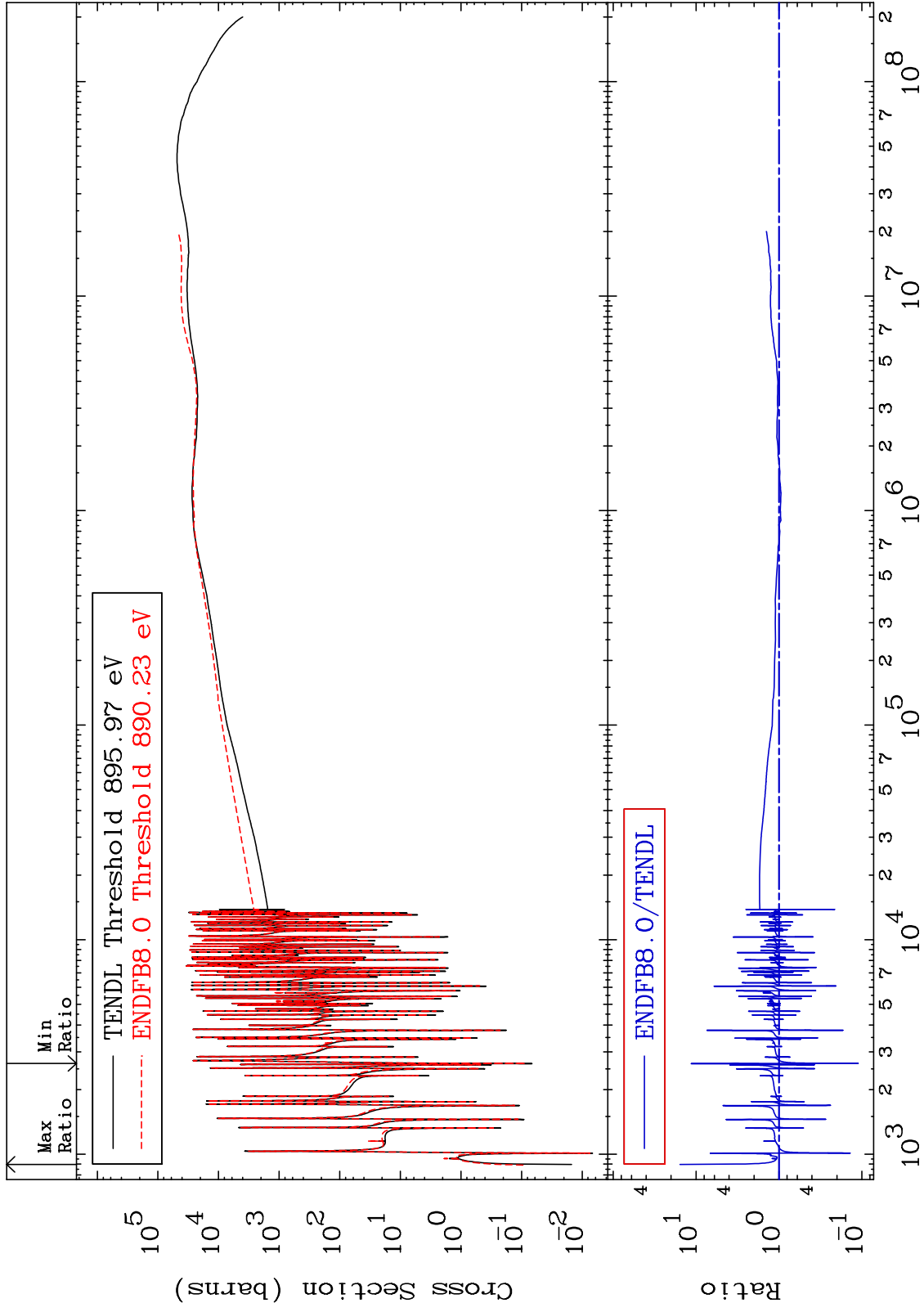
60-Nd-150
-78.85 To 499.0 %



MAT 6049

Dpa elastic (mt2)
Cross Section

60-Nd-150
-88.98 To 1461. %



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Incident Energy (eV)

60-Nd-150

MAT 6049

Dpa inelastic (mt51-91)
Cross Section

60-Nd-150
-23.55 To 326.7 %

