

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

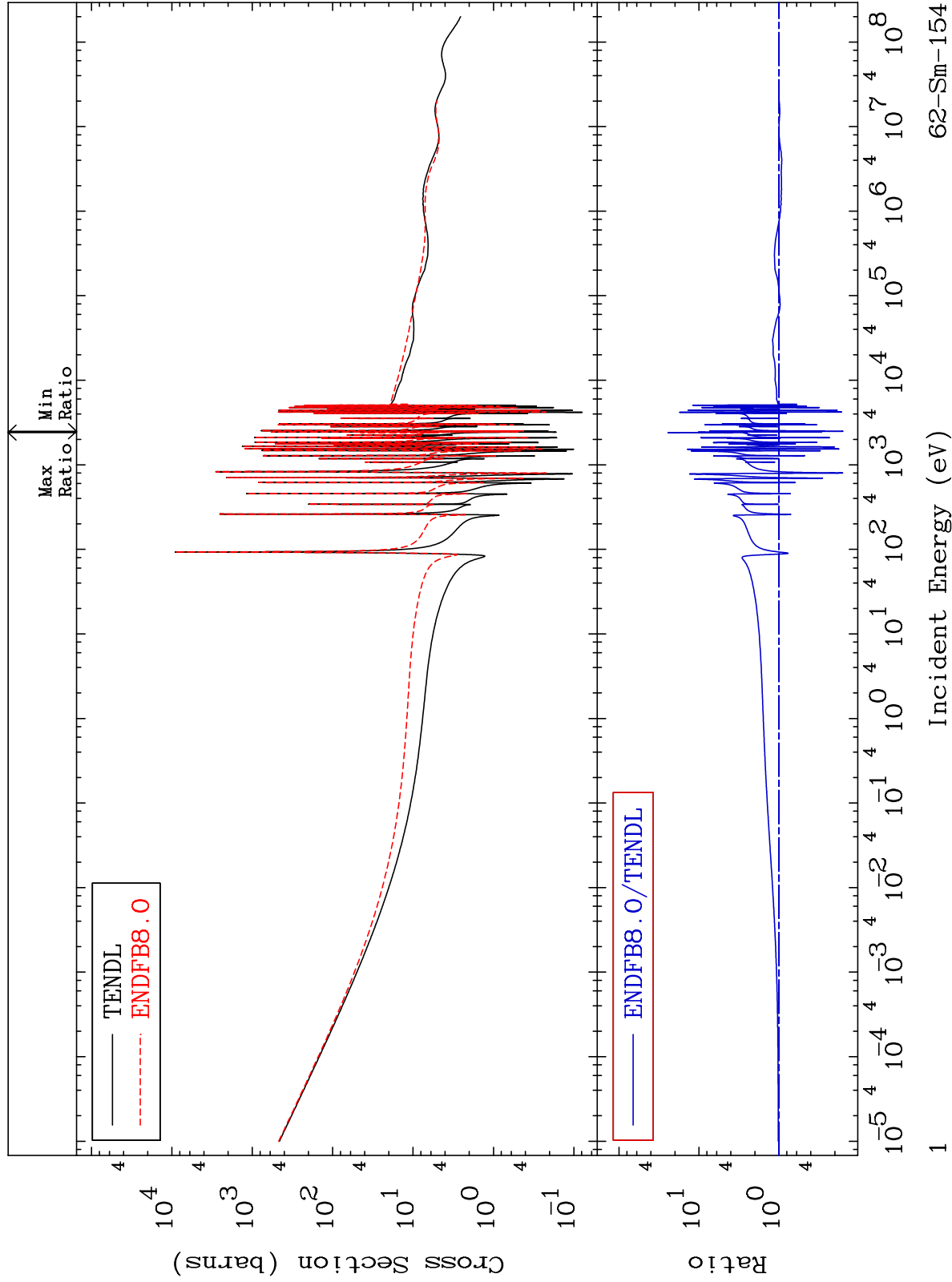
MAT 6255

Total

62-Sm-154

Cross Section

-84.12 To 2343. %



62-Sm-154

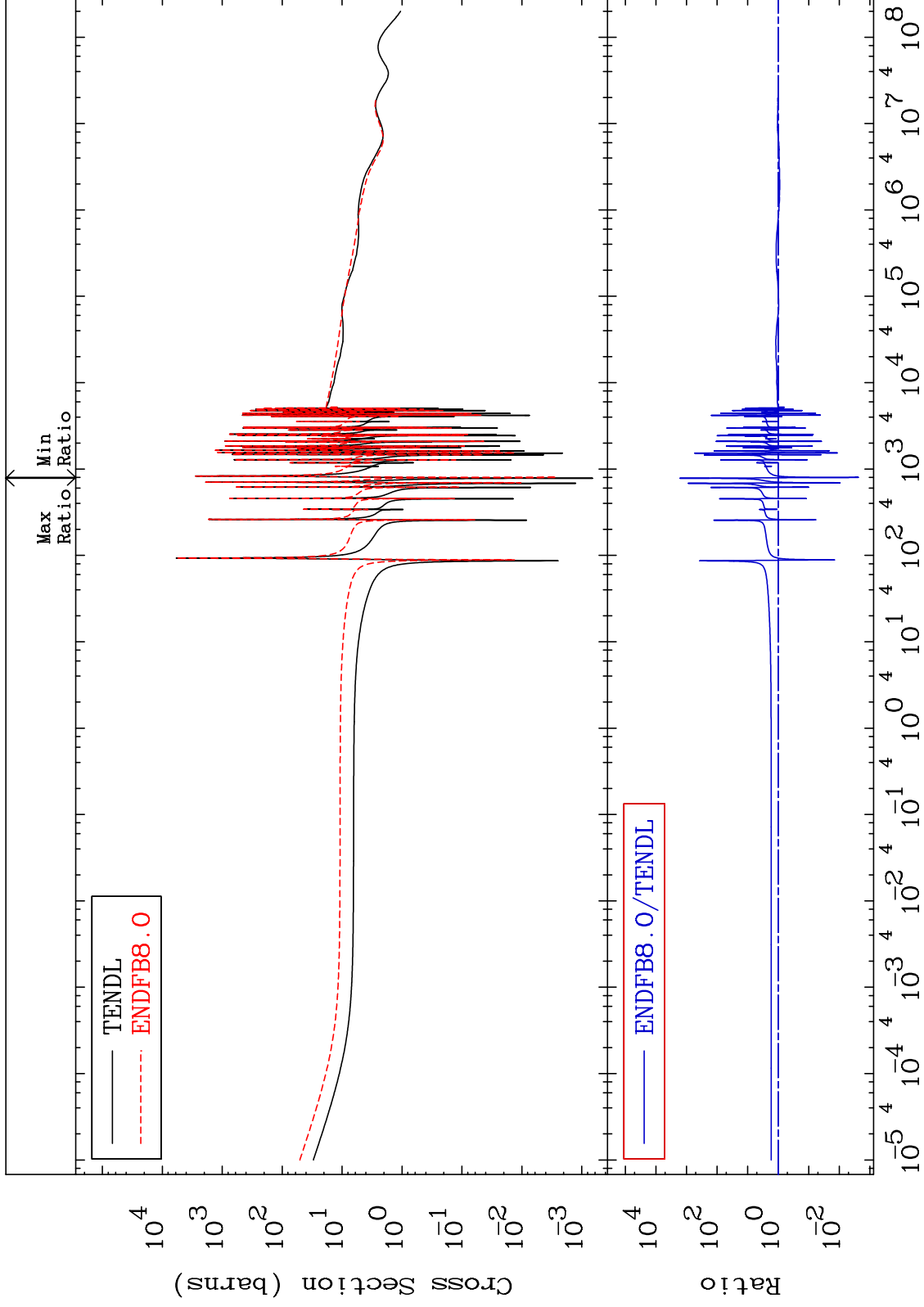
MAT 6255

Elastic

62-Sm-154

Cross Section

-99.76 To 9999. %



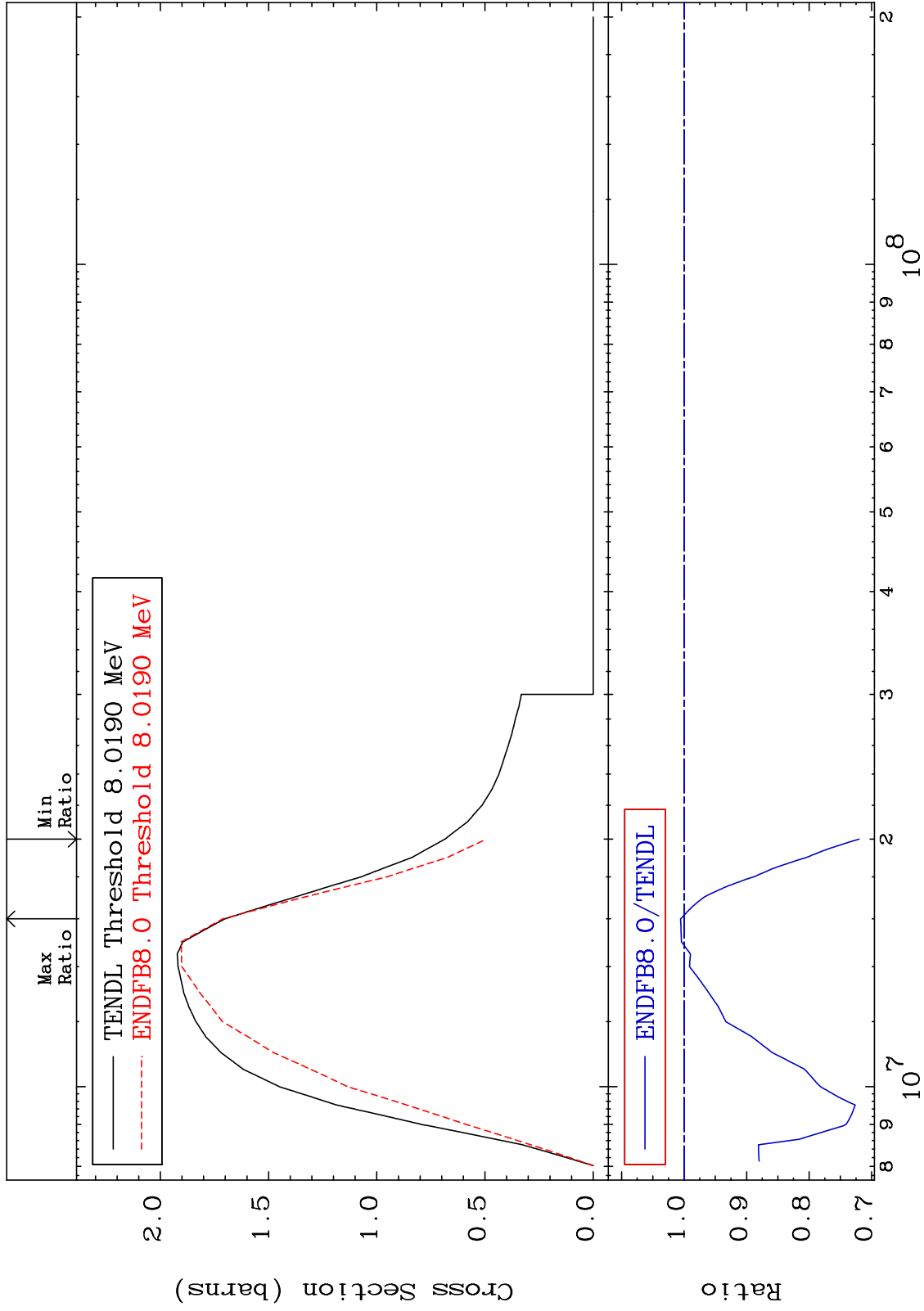
MAT 6255

(n,2n)

62-Sm-154

Cross Section

-28.00 To 0.556 %



4

Incident Energy (eV)

62-Sm-154

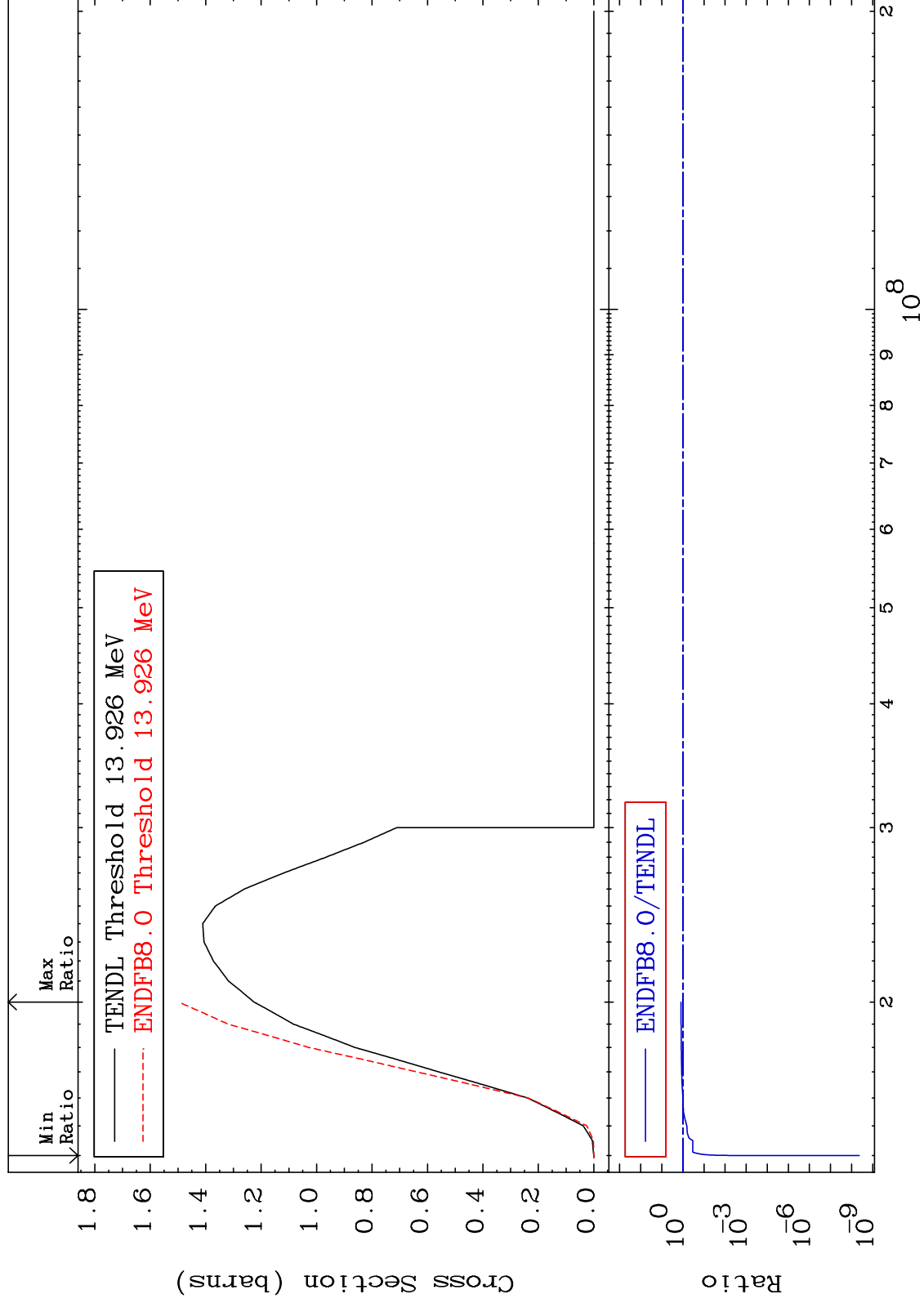
MAT 6255

(n,3n)

62-Sm-154

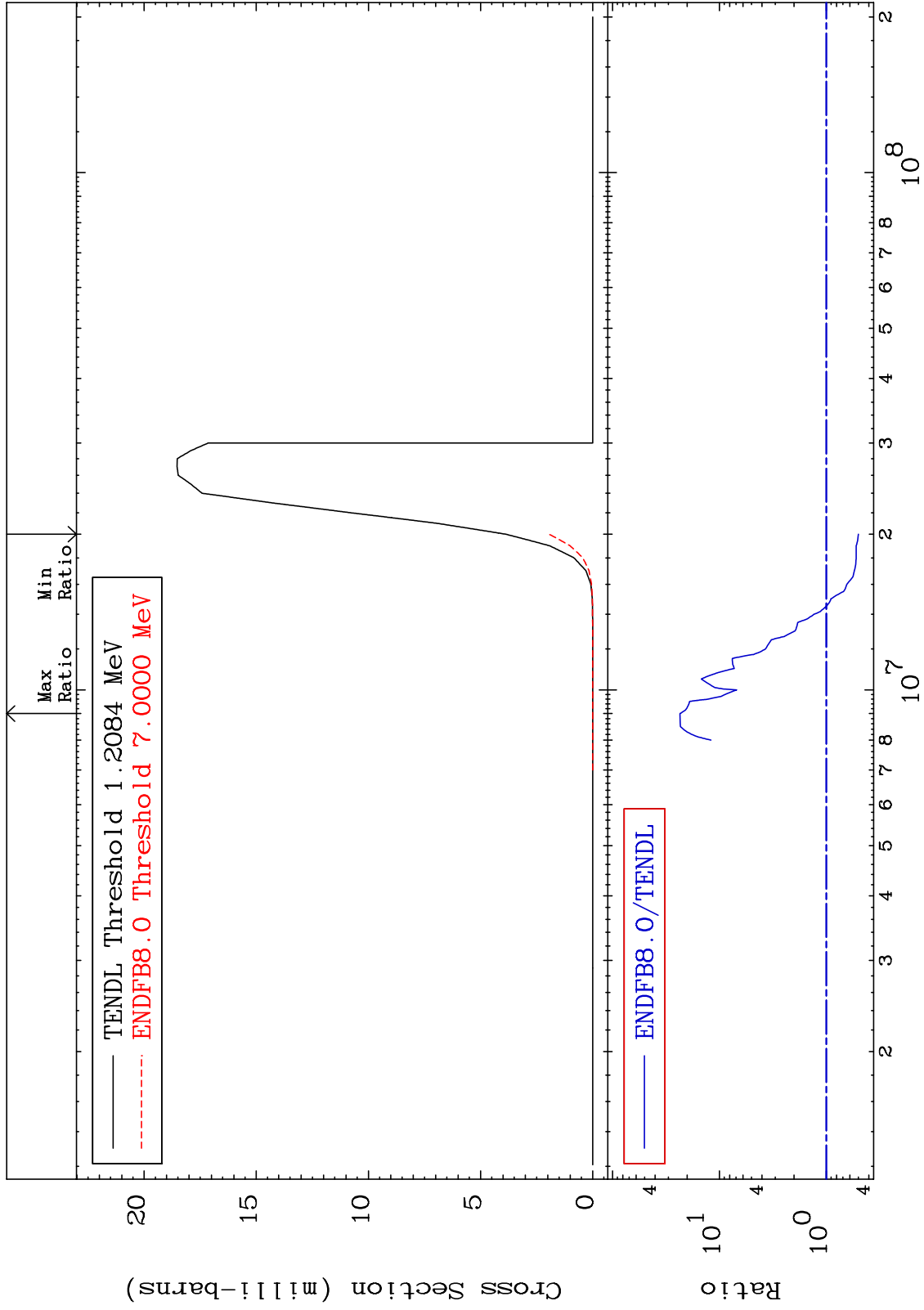
Cross Section

-100.0 To 22.25 %



MAT 6255

$(n, n') \alpha$
Cross Section
62-Sm-154
-50.00 To 2235. %



MAT 6255

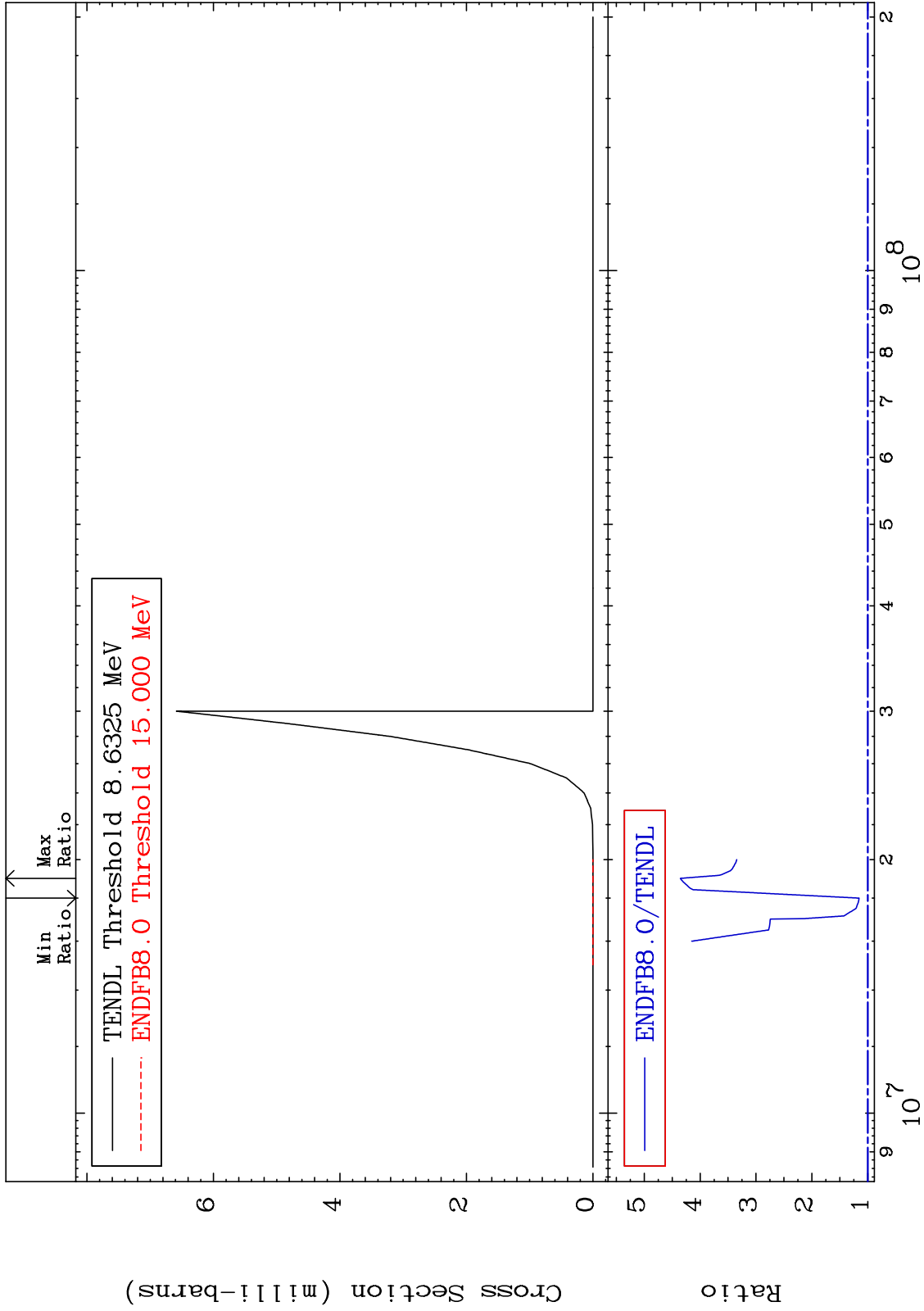
(n,2n) α

62-Sm-154

Cross Section

15.45

To 335.3 %



7

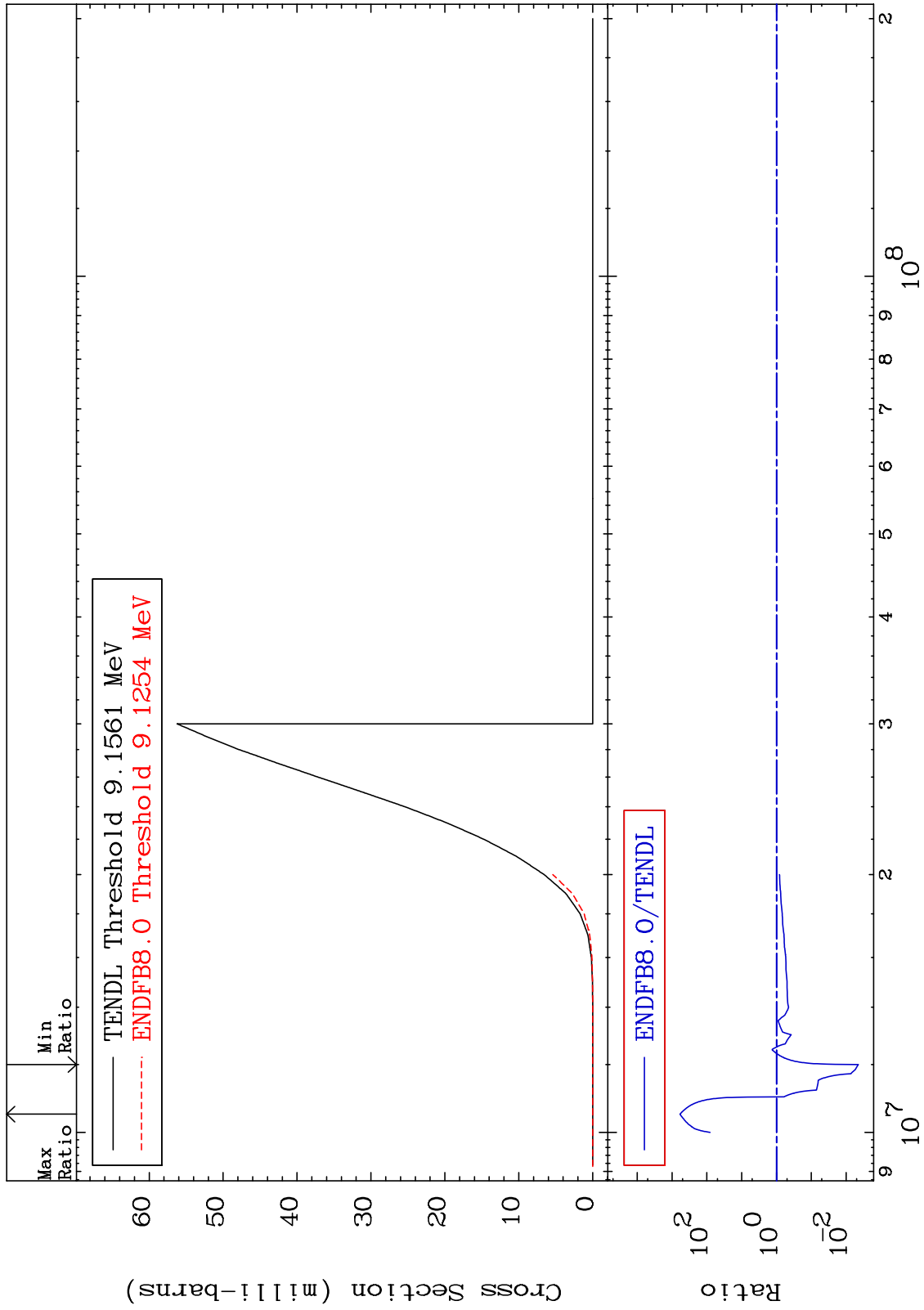
Incident Energy (eV)

62-Sm-154

MAT 6255

(n,n') p
Cross Section

62-Sm-154
-99.56 To 9999. %



62-Sm-154

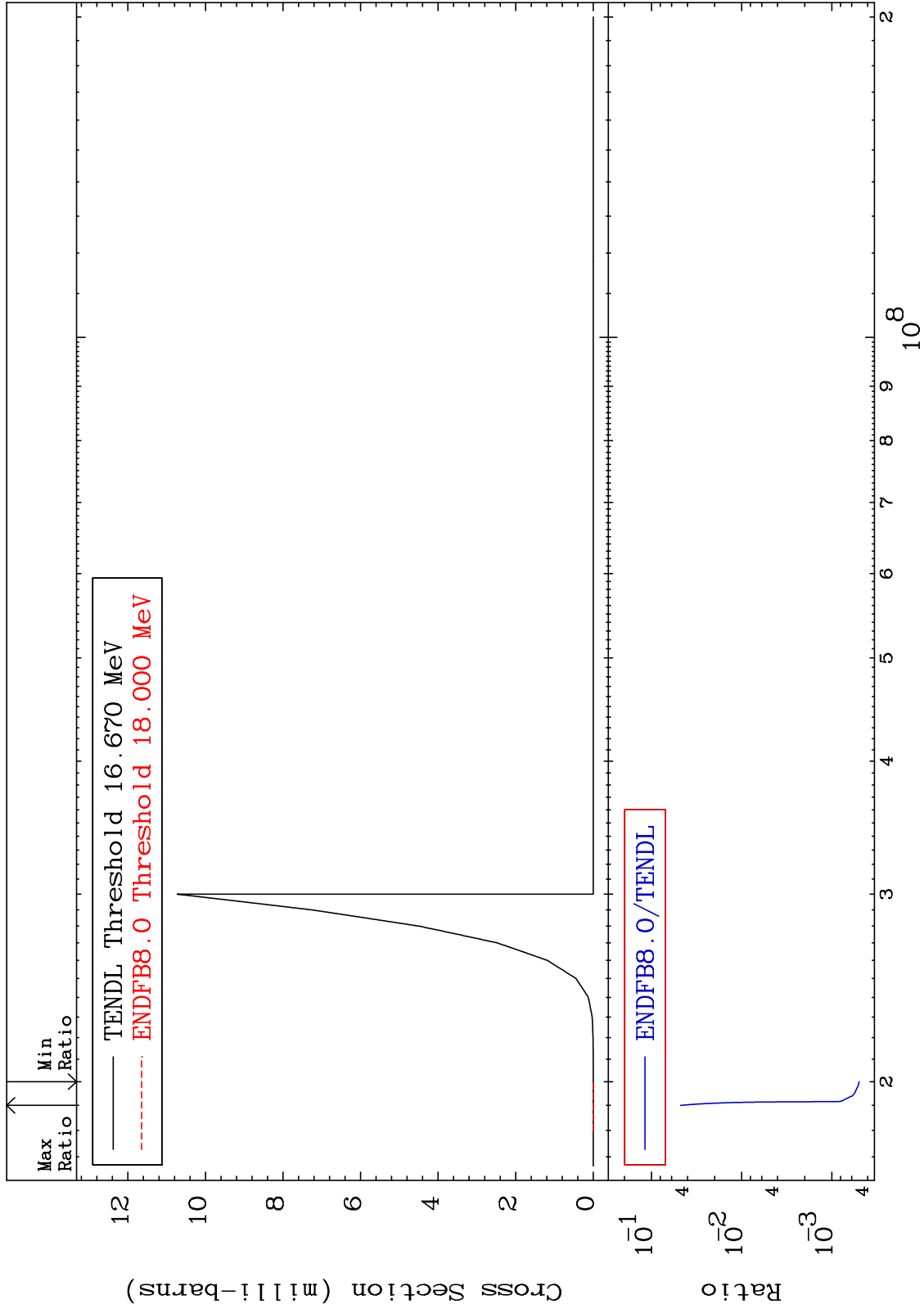
Incident Energy (eV)

8

MAT 6255

(n,2n) p
Cross Section

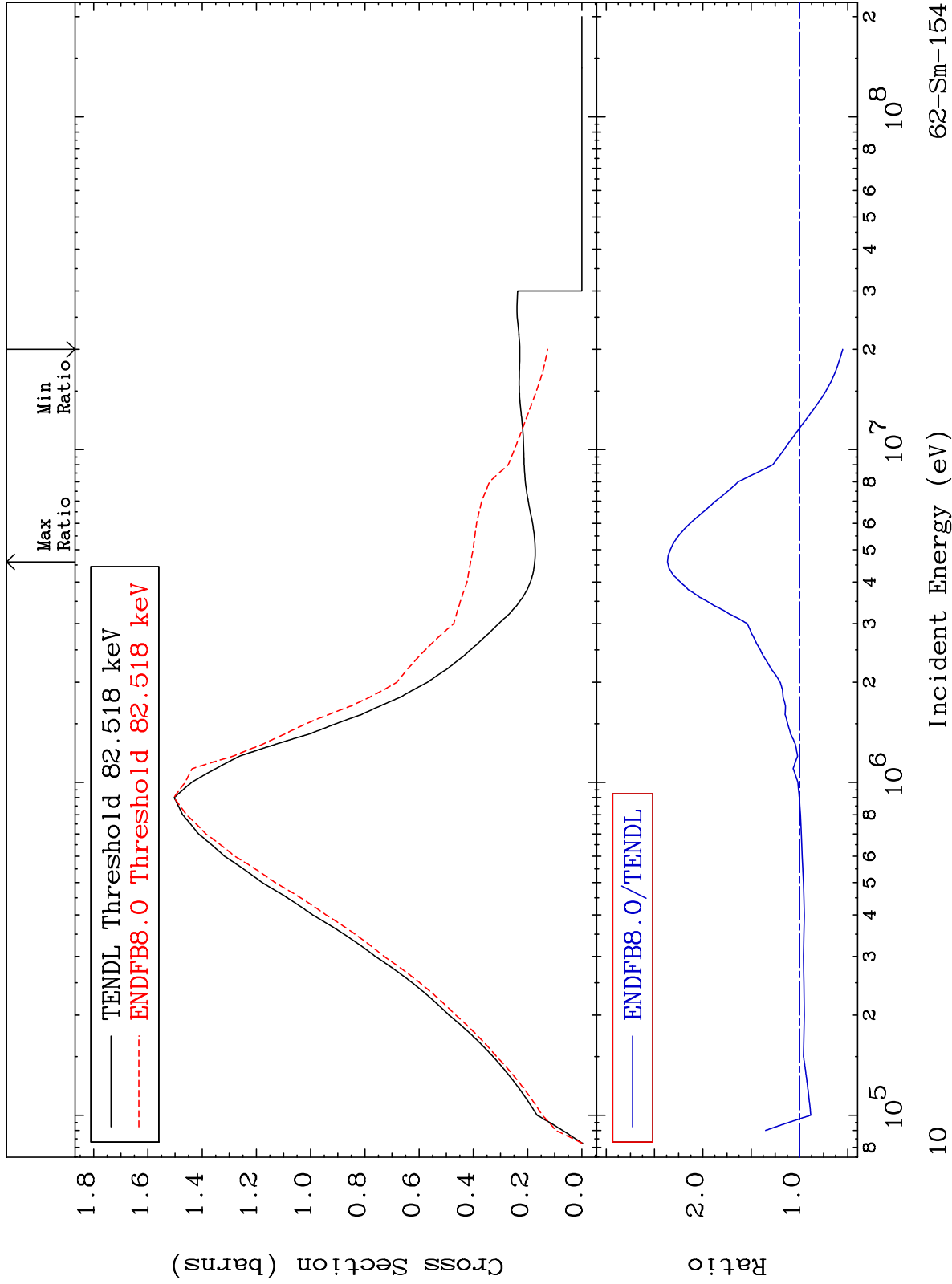
62-Sm-154
-99.95 To -95.24%



MAT 6255

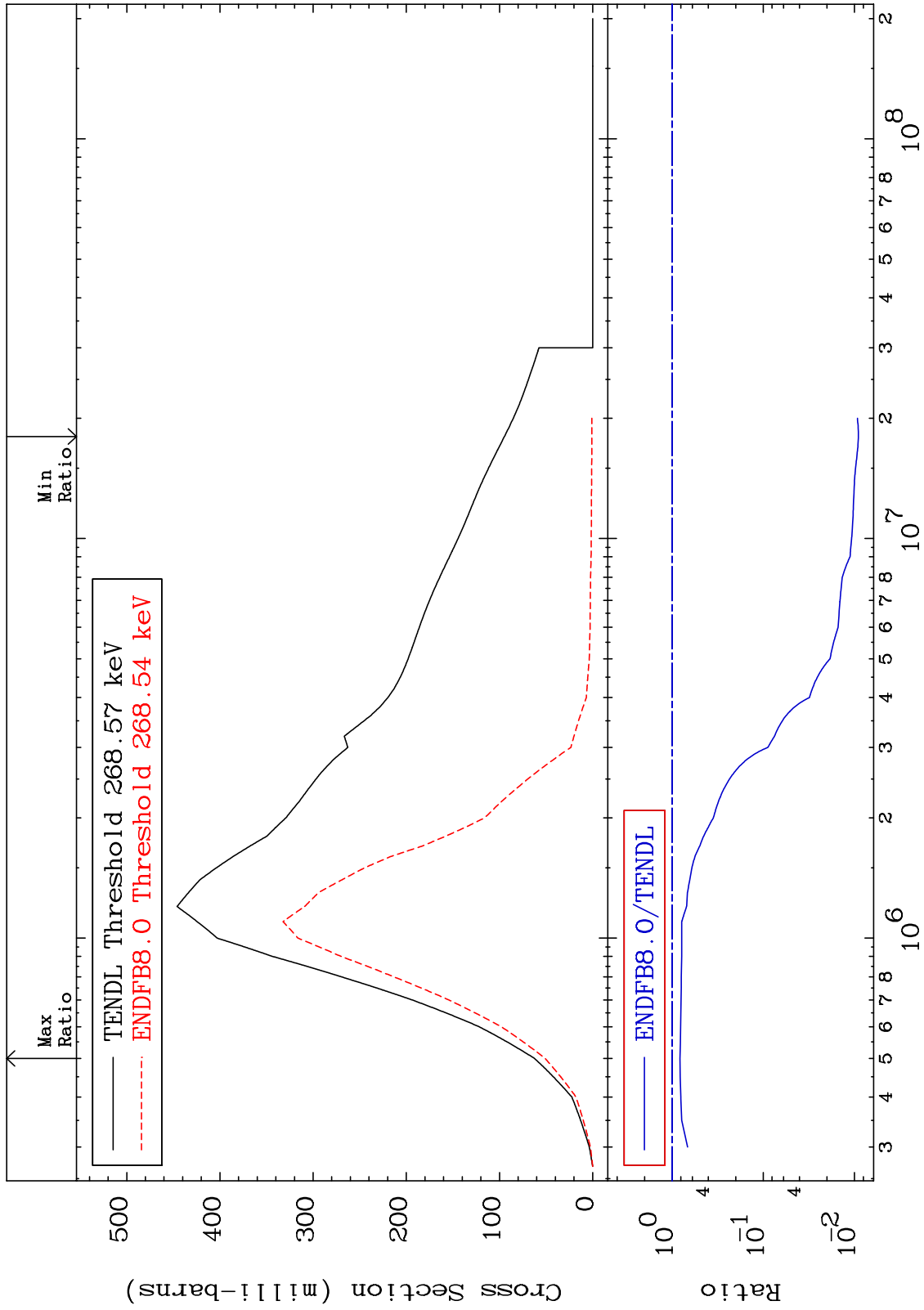
MT= 51 (n,n') Level
Cross Section

62-Sm-154
-44.77 To 136.5 %



62-Sm-154

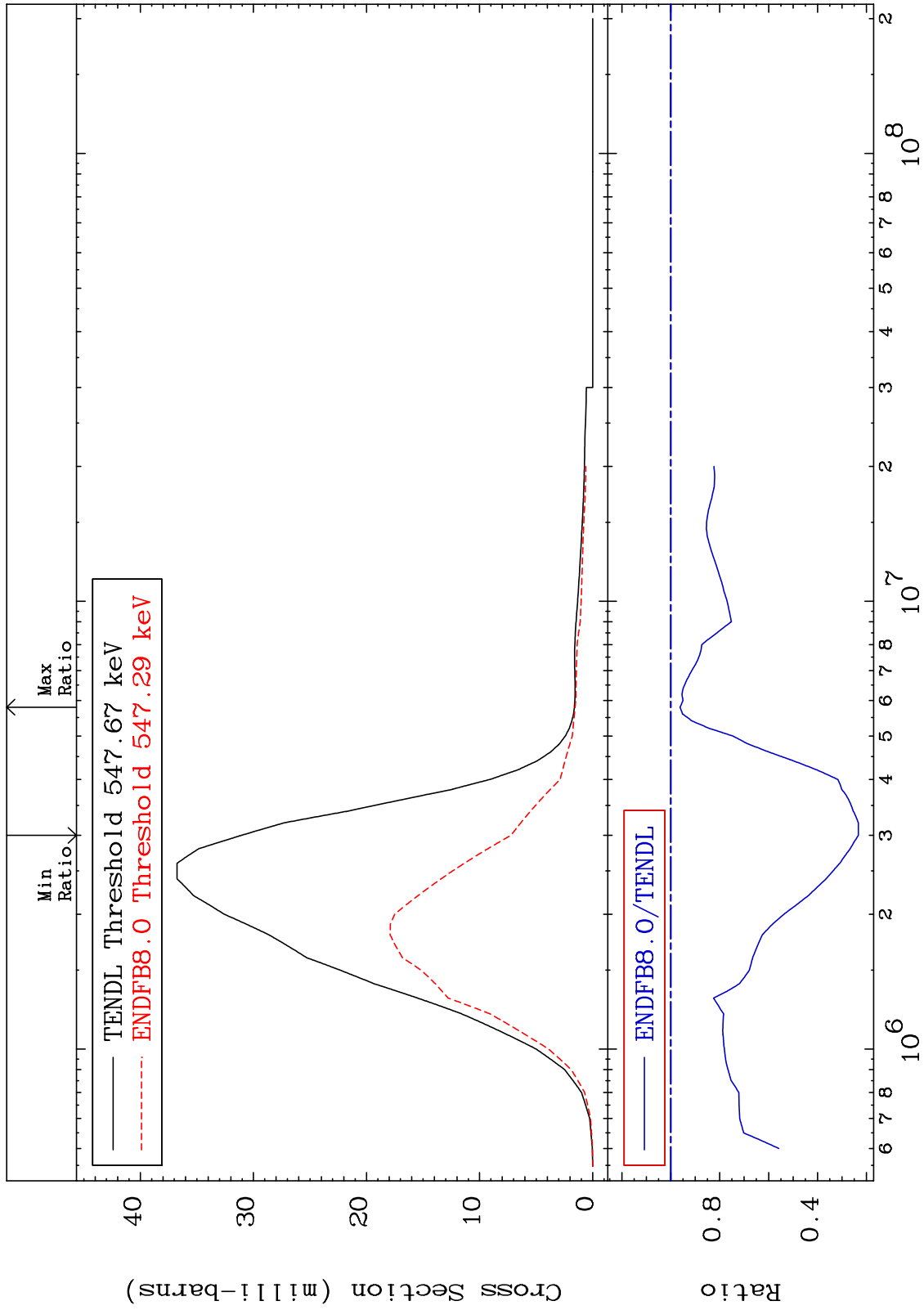
MAT 6255 MT= 52 (n,n') Level Cross Section 62-Sm-154
 -99.10 To -18.21%



MAT 6255

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

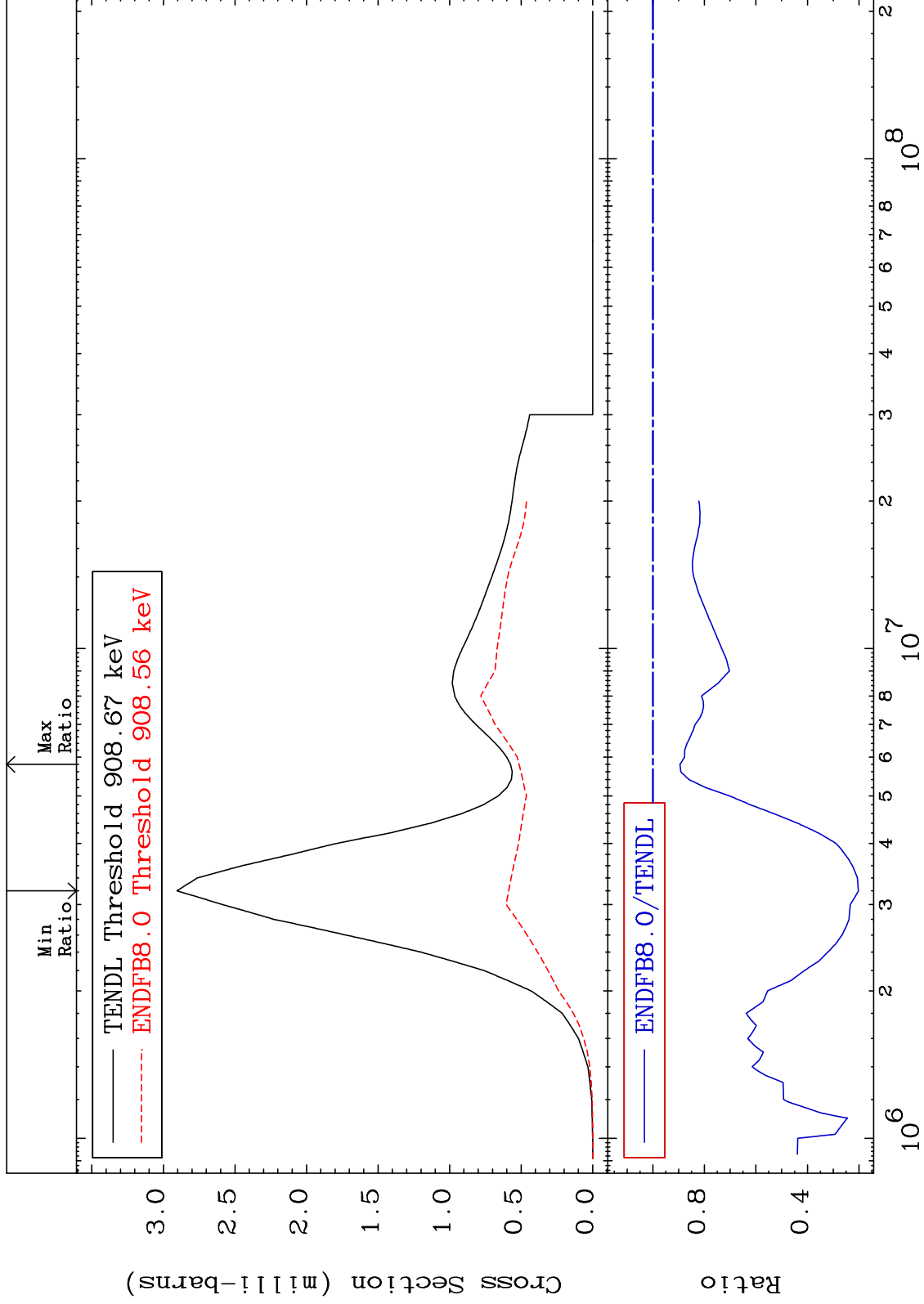
62-Sm-154
-76.74 To -3.751%



MAT 6255

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

62-Sm-154
-79.78 To -10.53%



Incident Energy (eV)

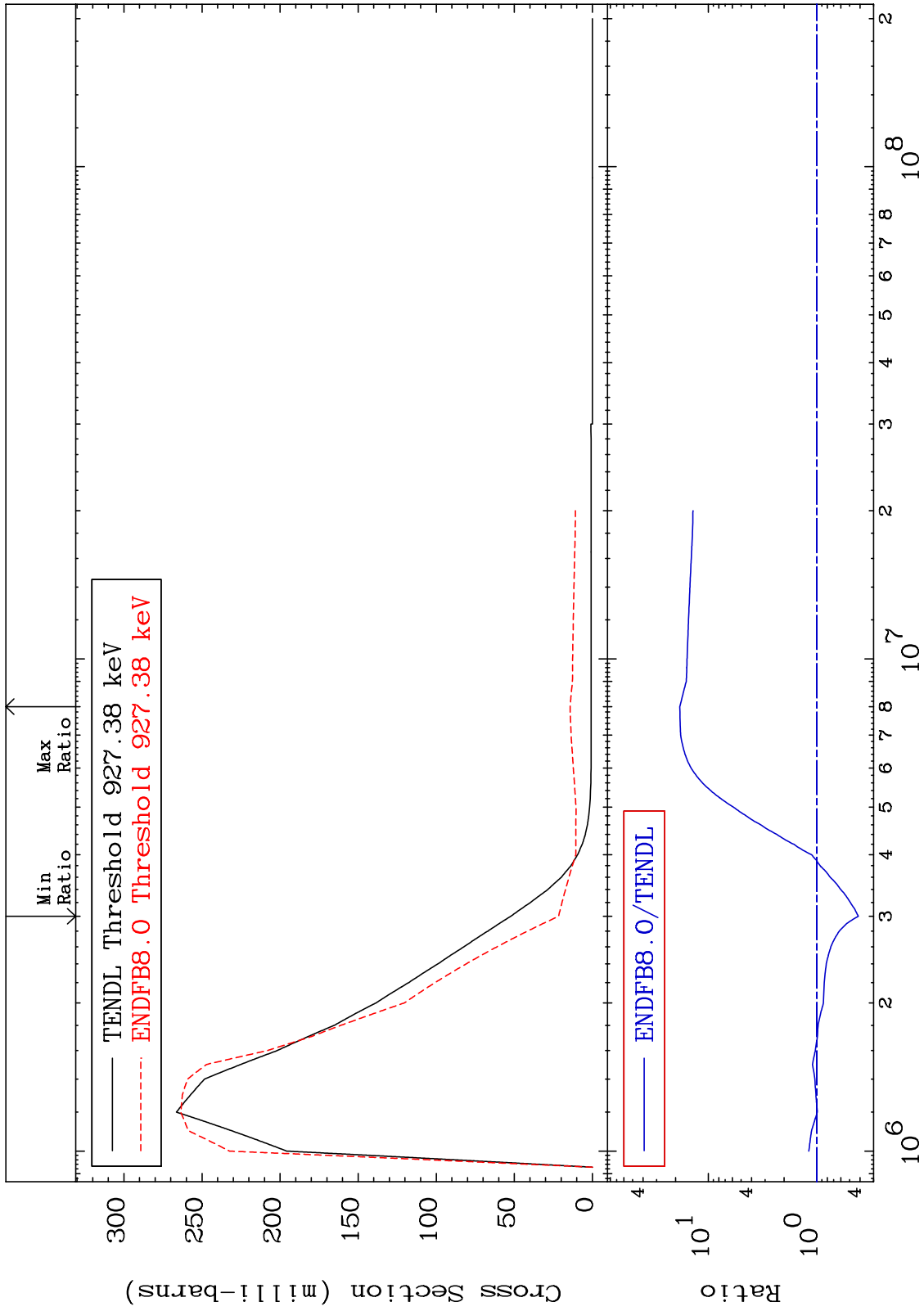
62-Sm-154

13

MAT 6255

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

62-Sm-154
-58.58 To 1733. %



14

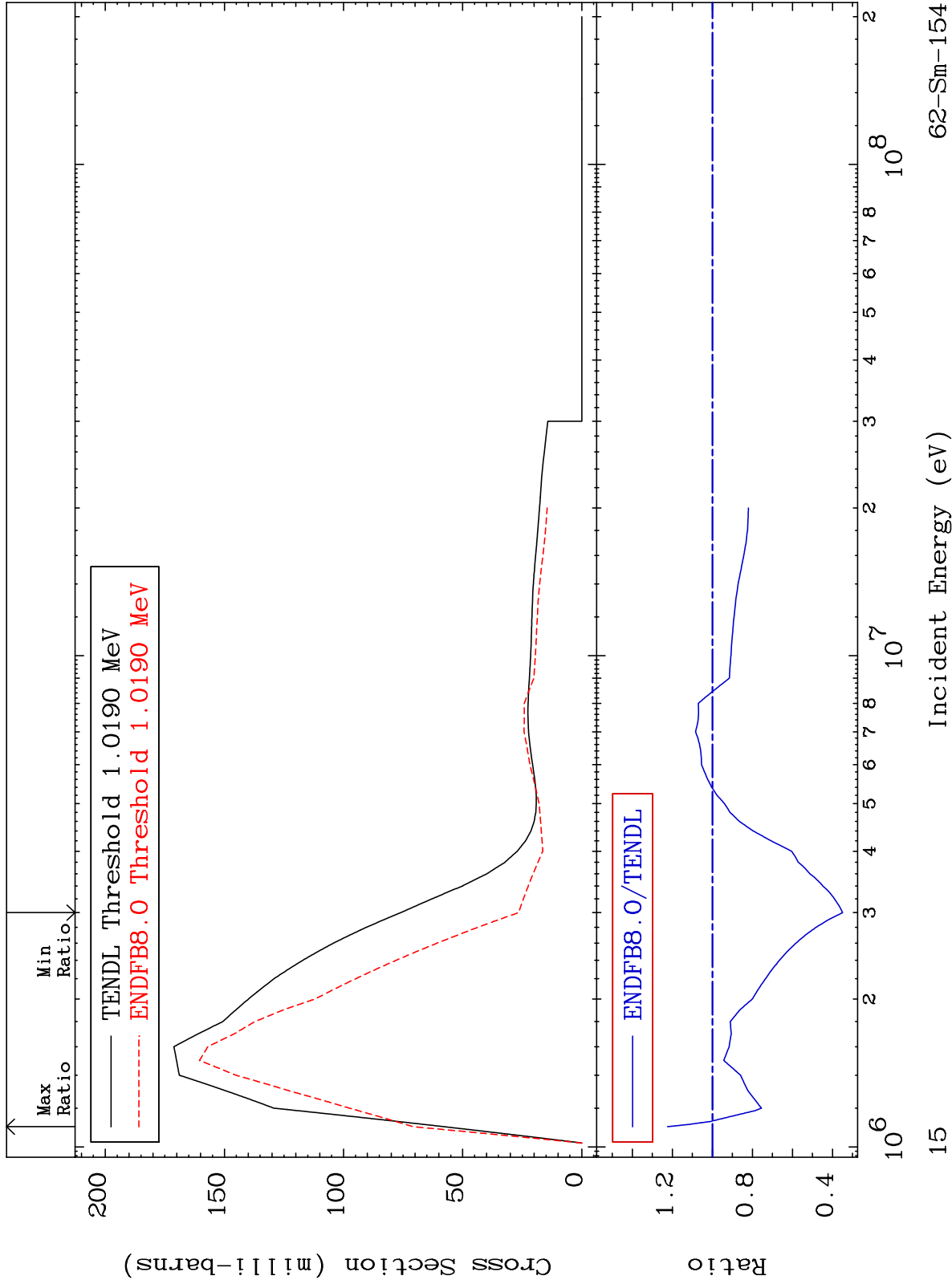
Incident Energy (eV)

62-Sm-154

MAT 6255

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

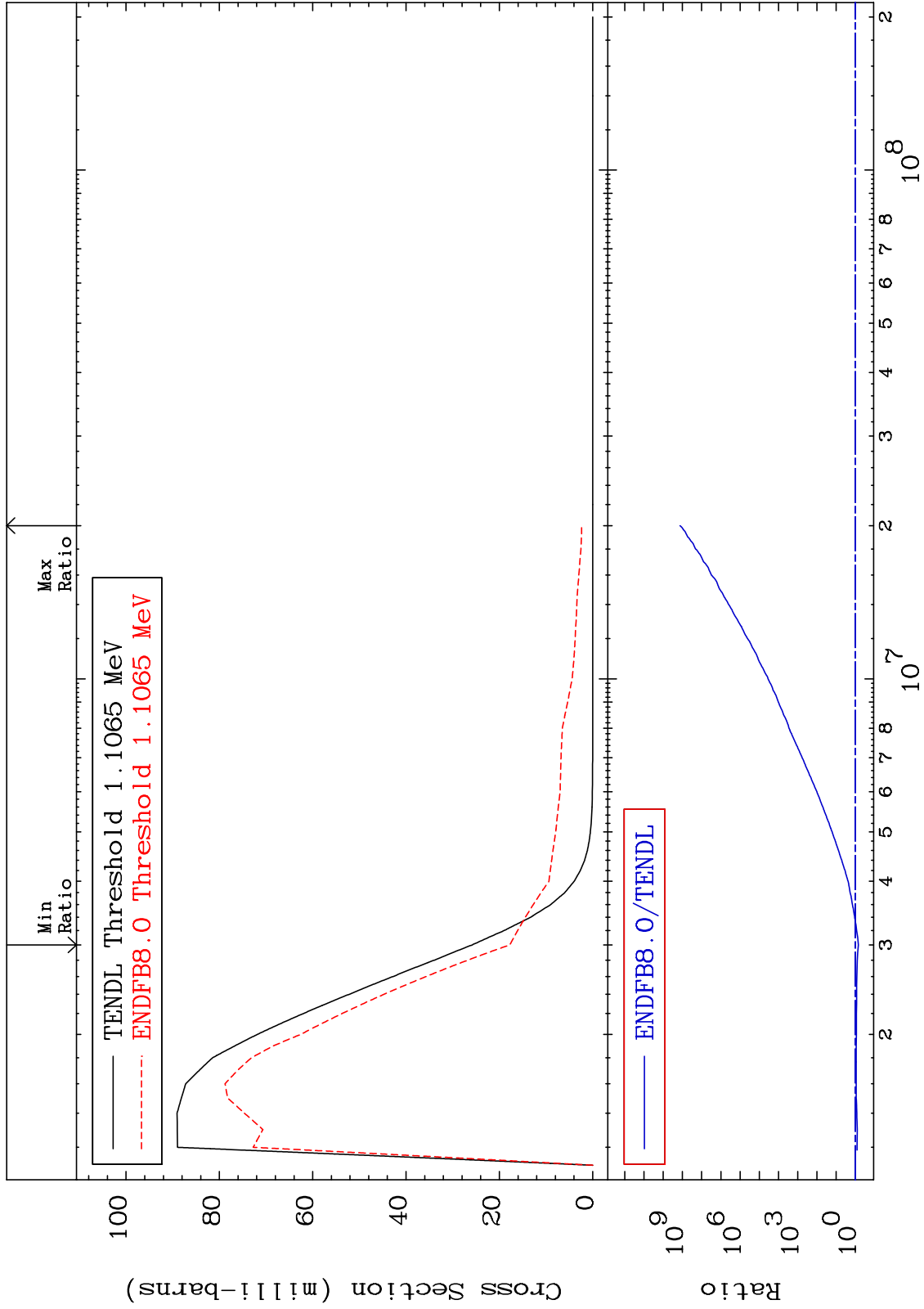
62-Sm-154
-65.05 To 22.40 %



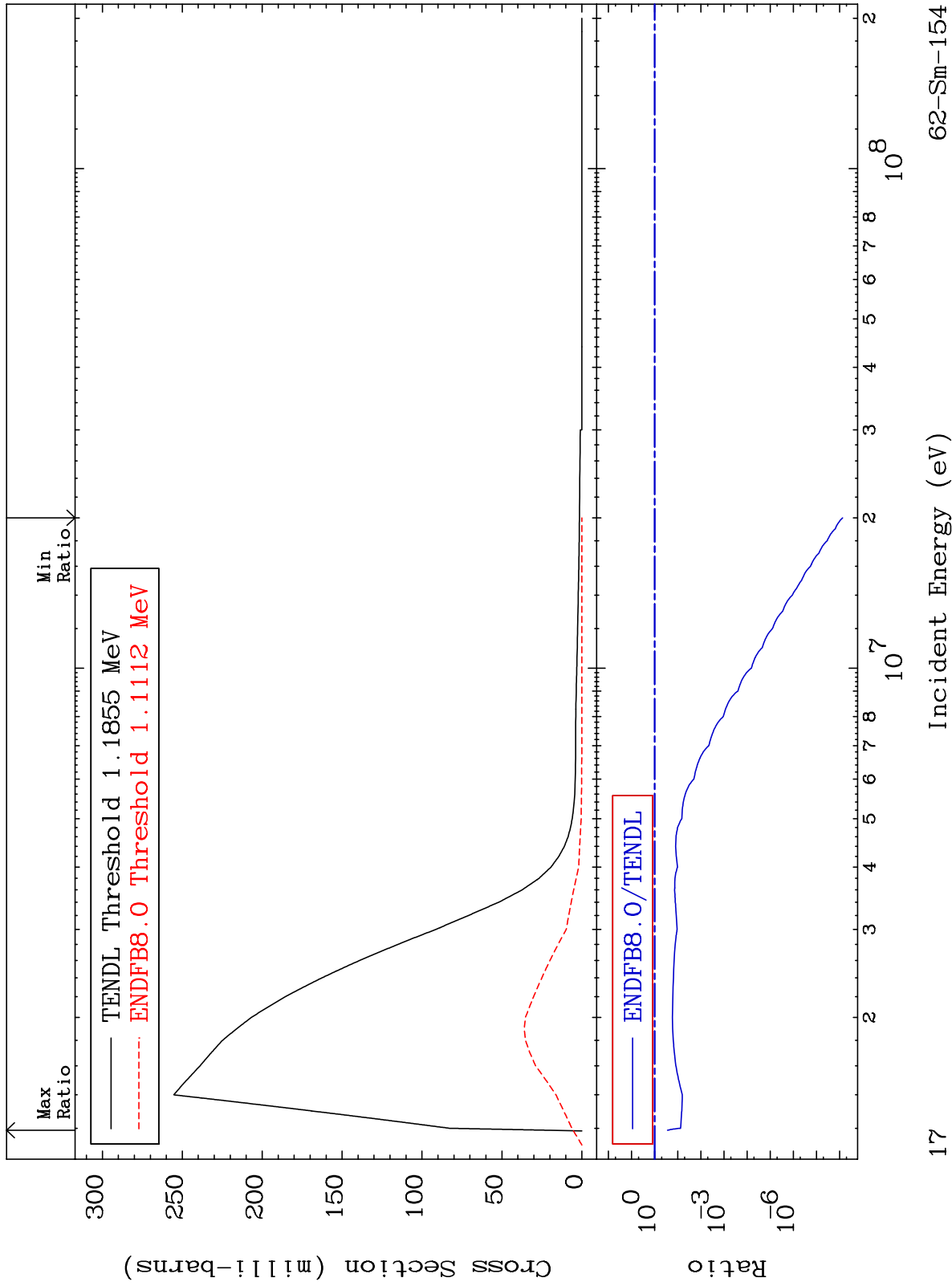
MAT 6255

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

62-Sm-154
-31.17 To 9999. %



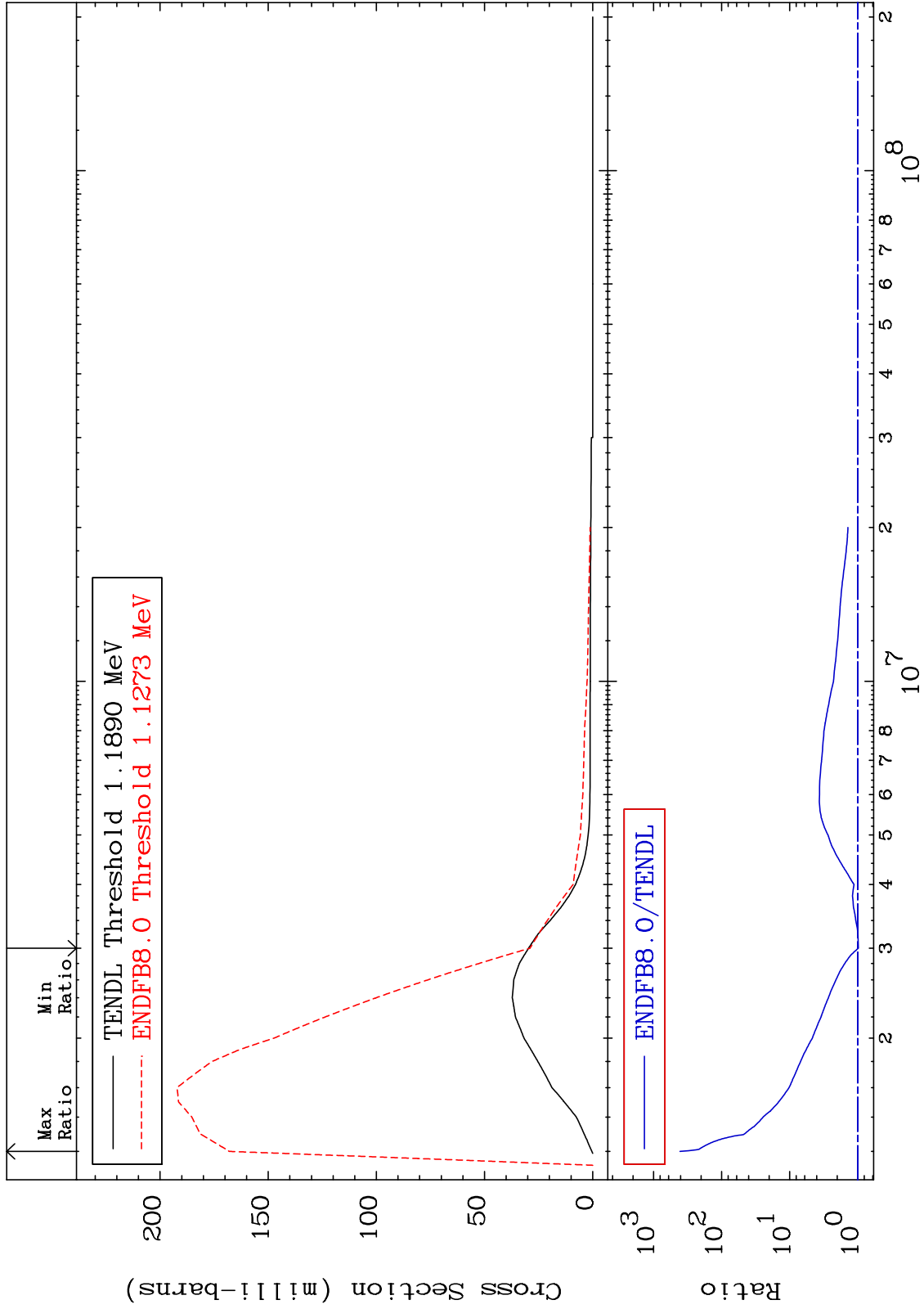
MAT 6255 MT= 58 (n, n') Level Cross Section 62-Sm-154
 -100.0 To -72.37%



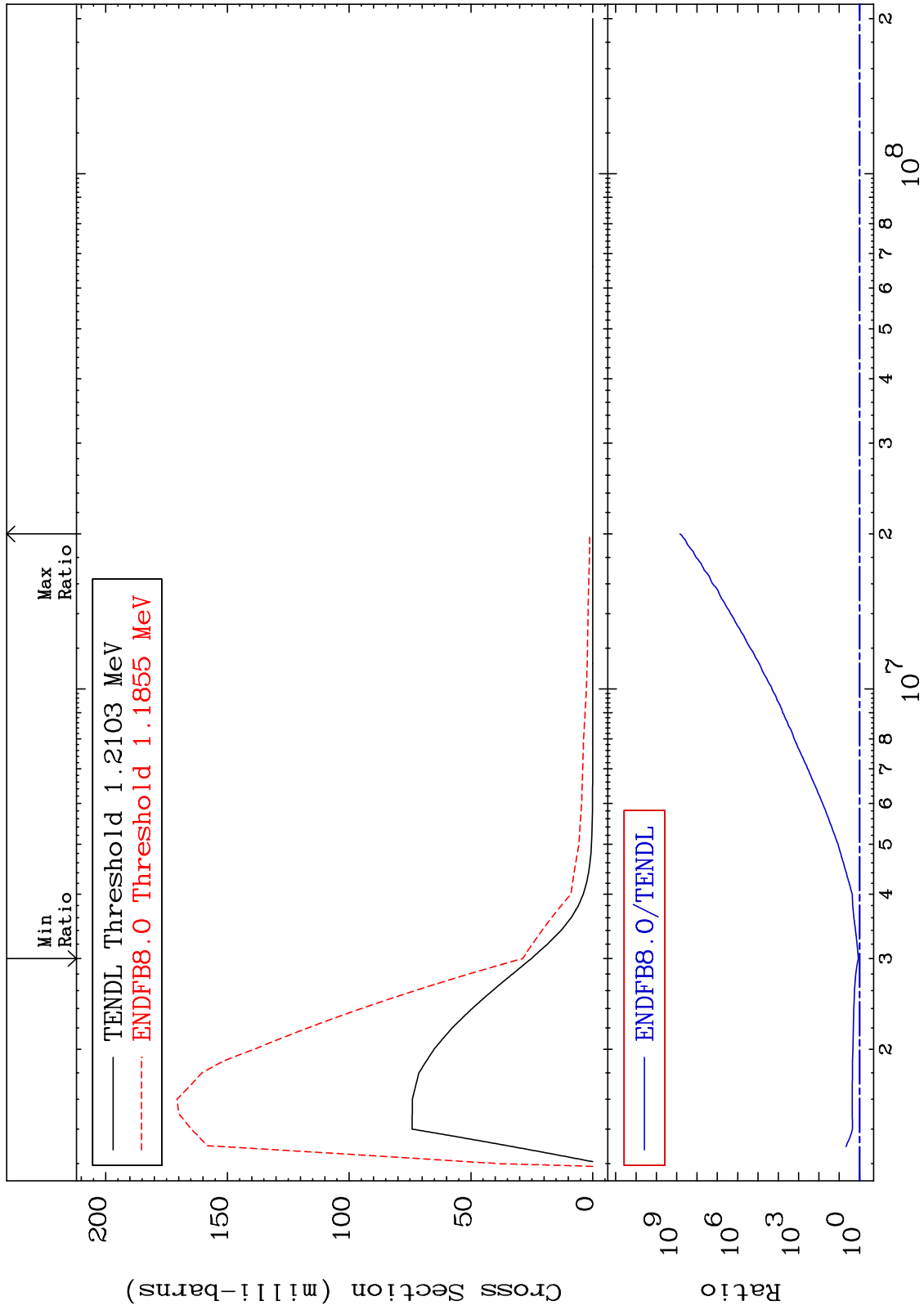
MAT 6255

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

62-Sm-154
-2.378 To 9999. %



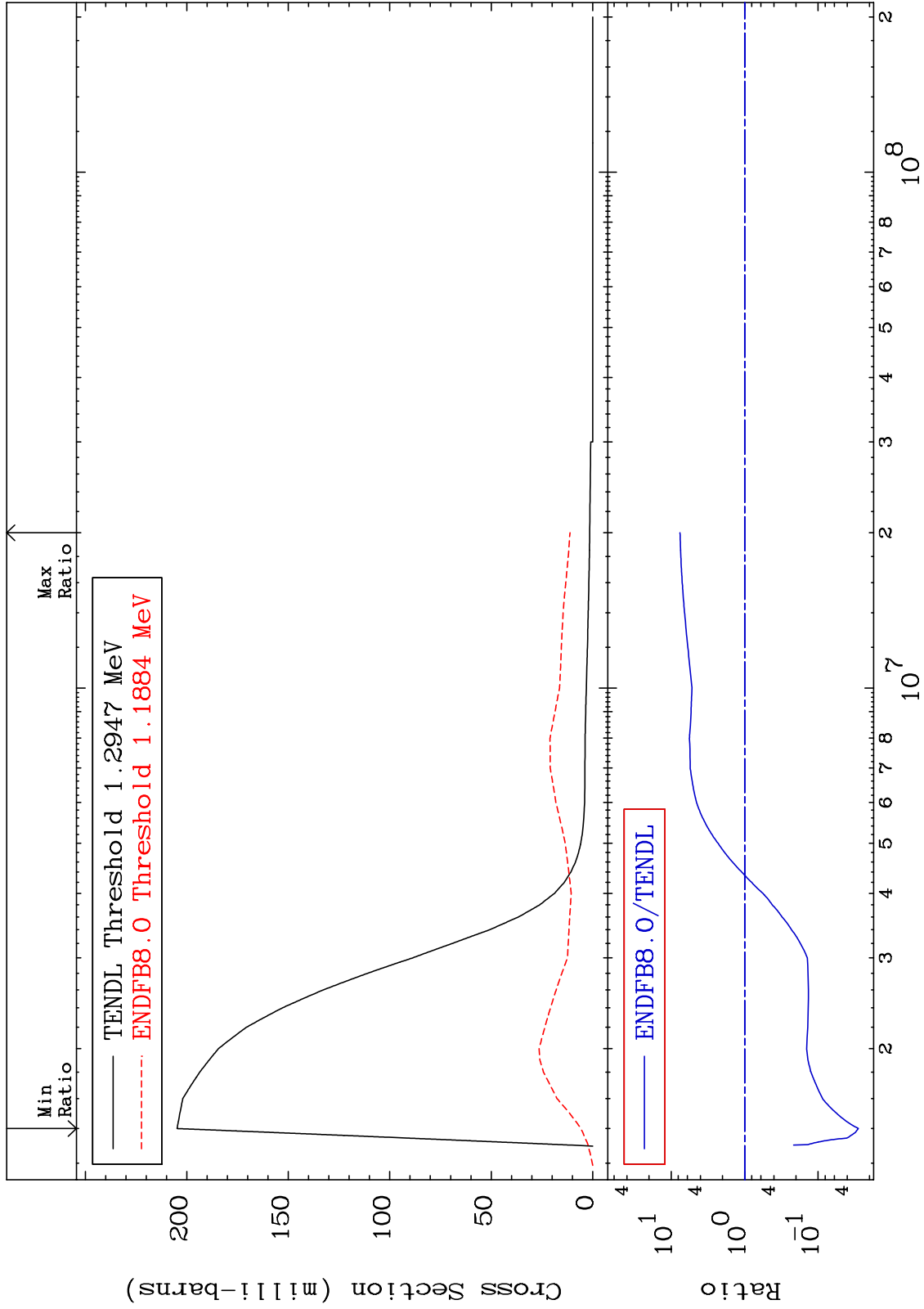
MAT 6255 MT= 60 (n, n') Level Cross Section 62-Sm-154 14.30 To 9999. %



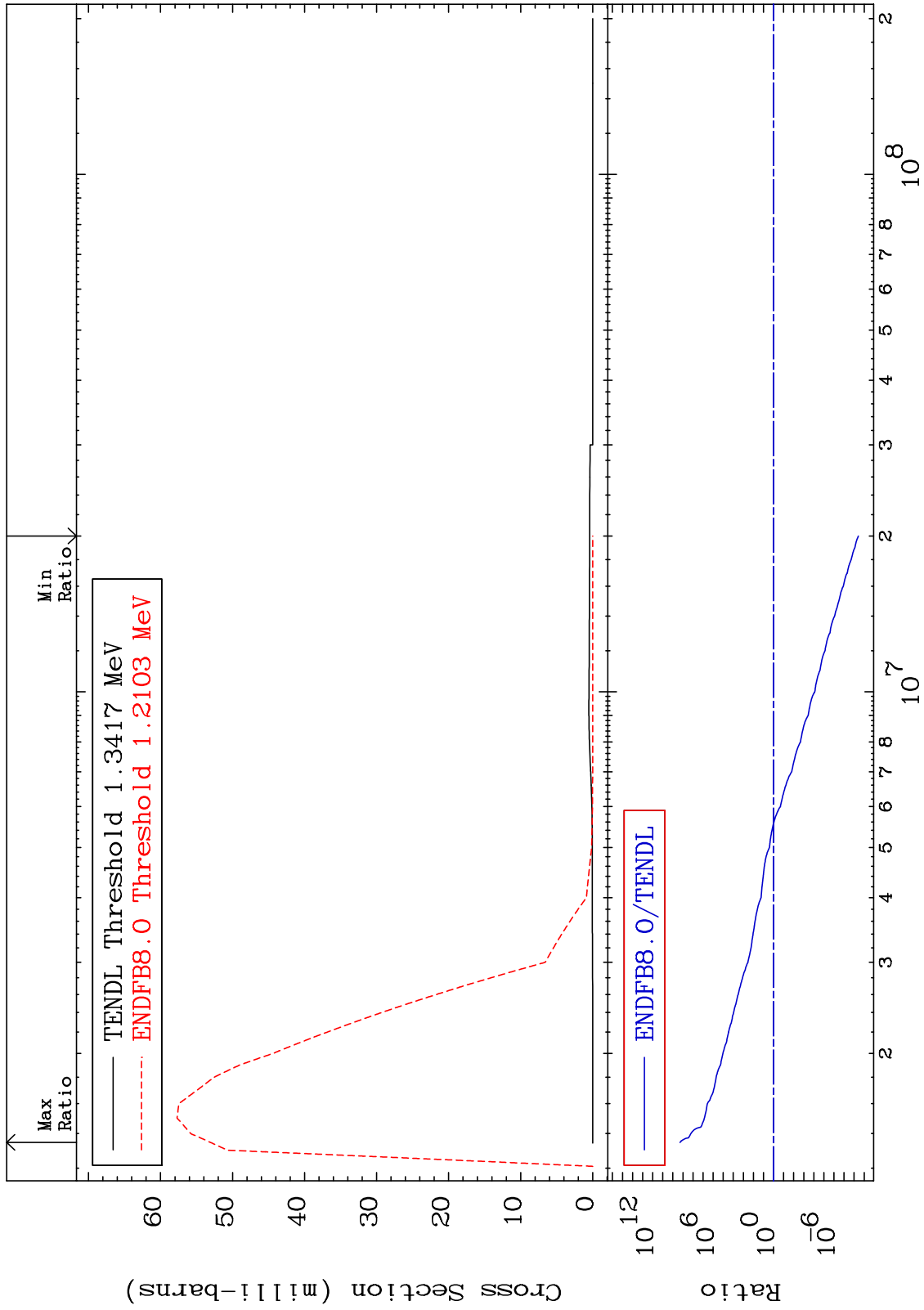
MAT 6255

MT= 61 (n, n') Level
Cross Section

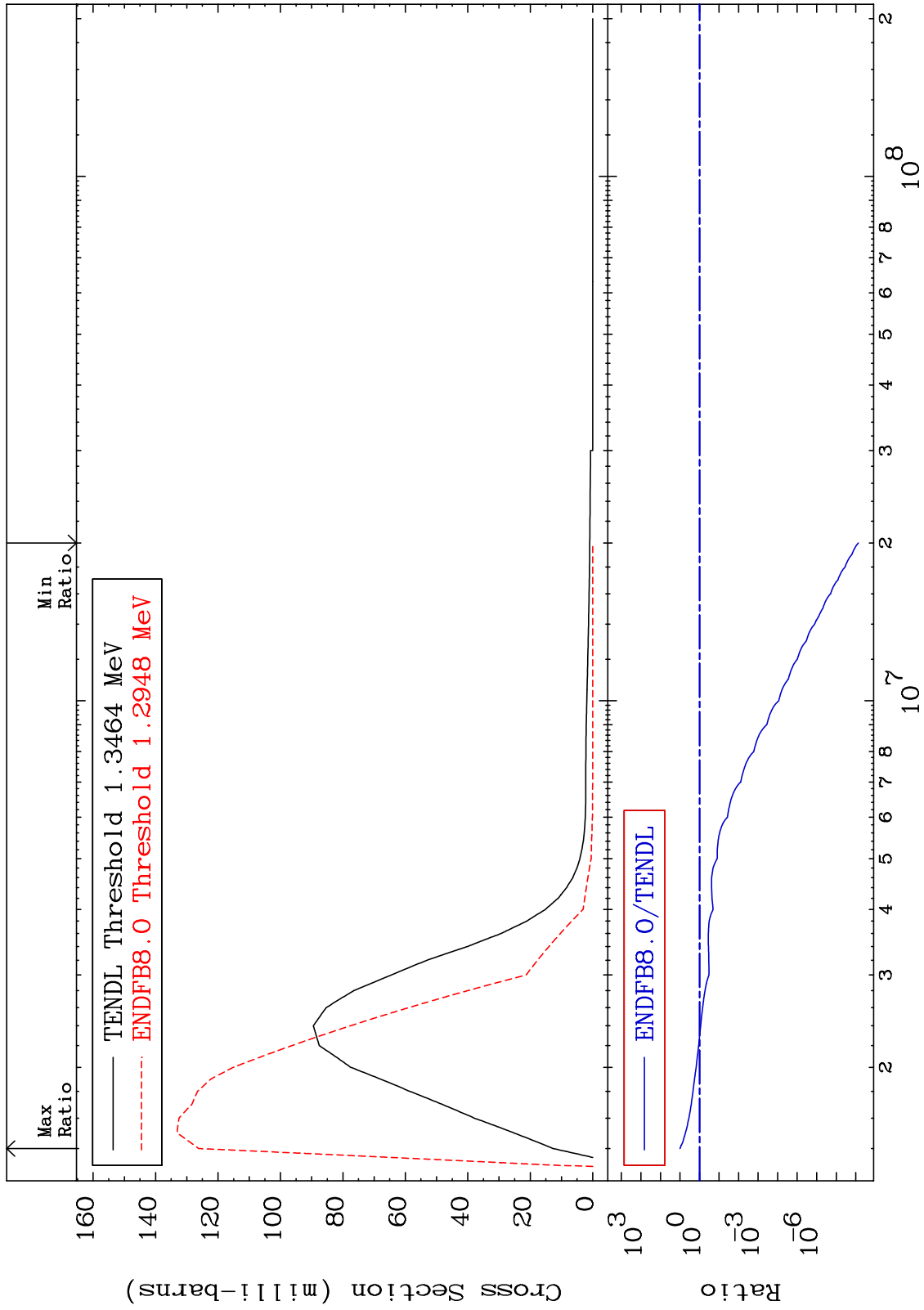
62-Sm-154
-97.17 To 657.7 %



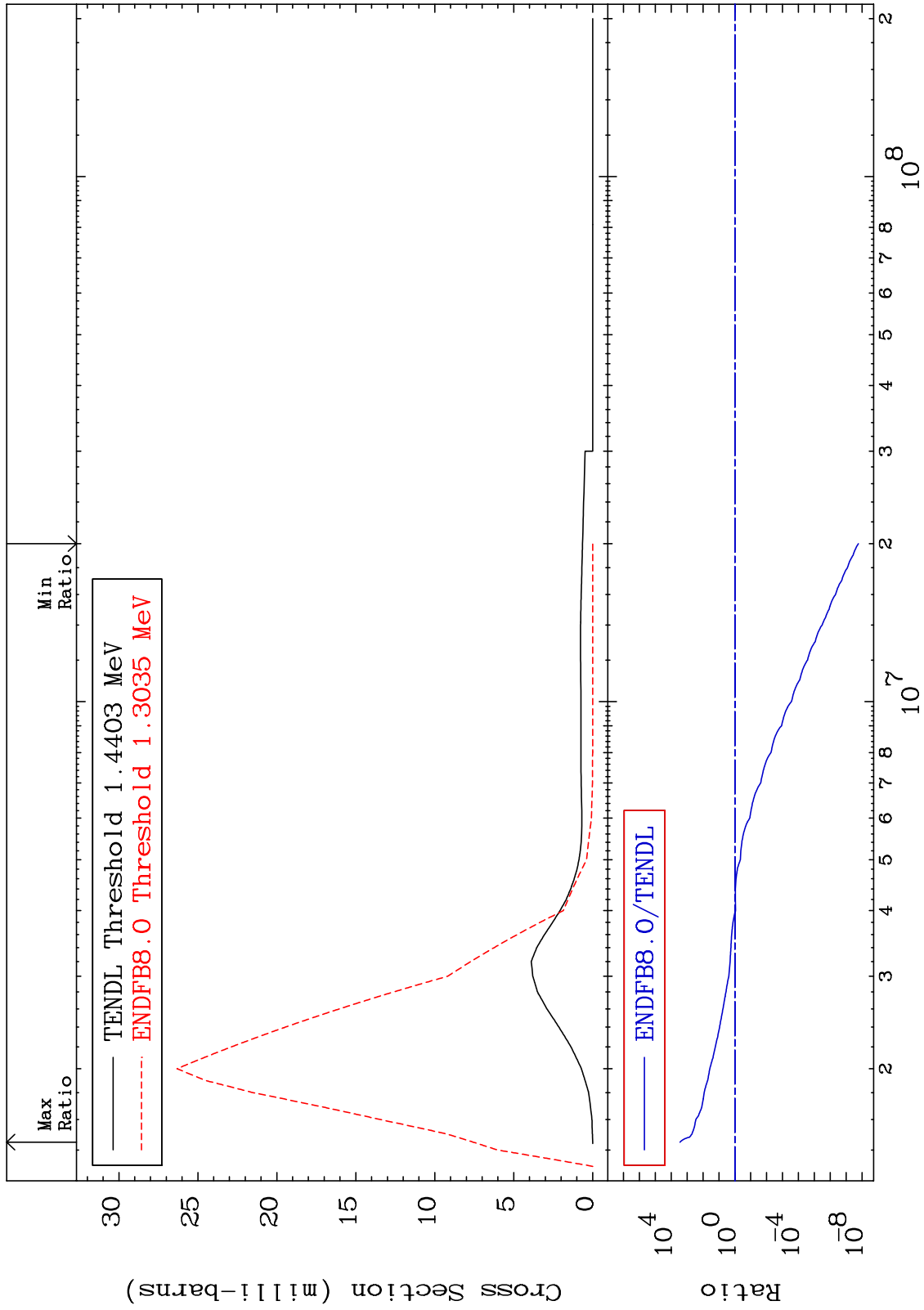
MAT 6255 MT= 62 (n,n') Level Cross Section 62-Sm-154
 -100.0 To 9999. %



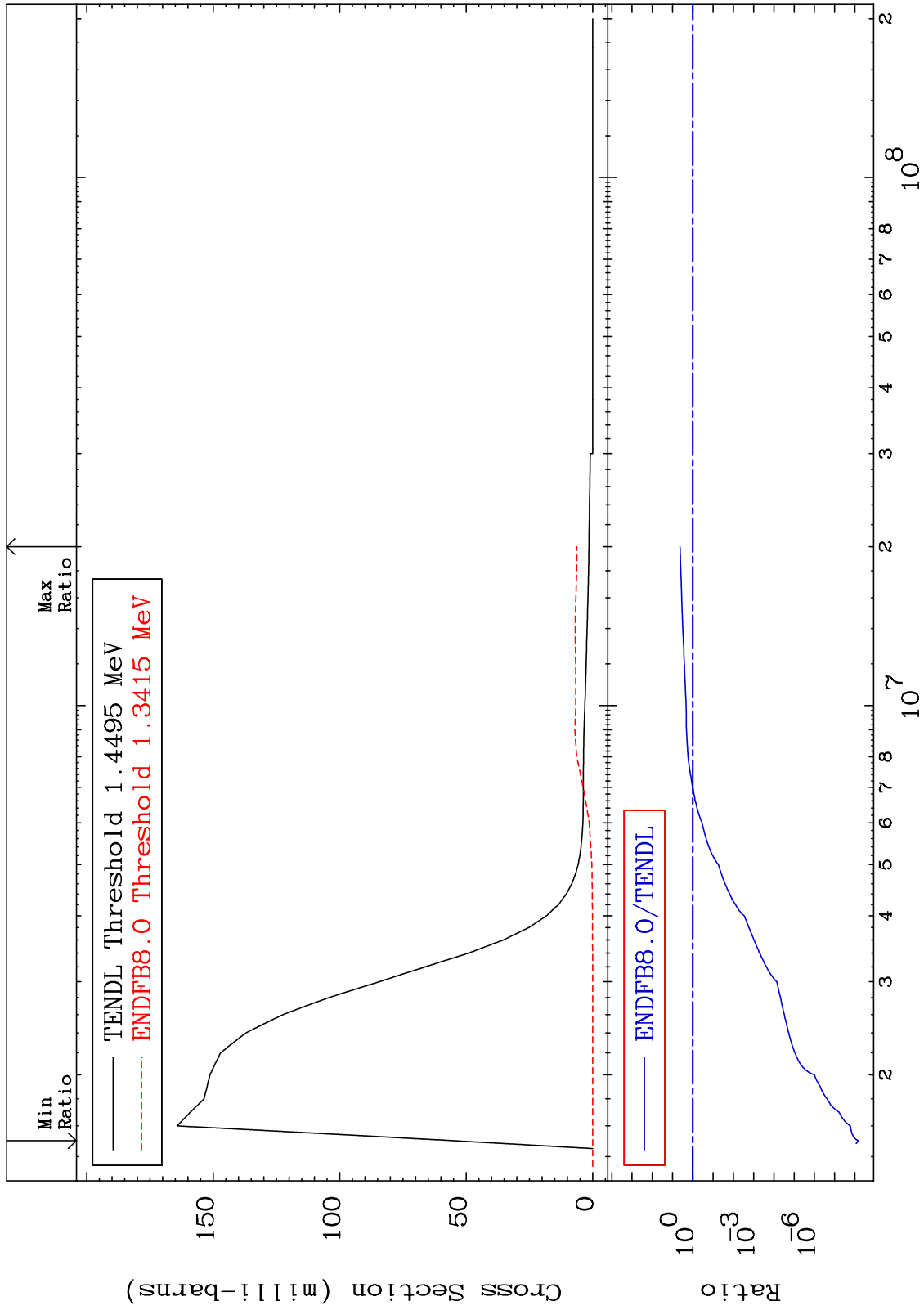
MAT 6255 MT= 63 (n, n') Level Cross Section 62-Sm-154 -100.0 To 895.0 %



MAT 6255 MT= 64 (n, n') Level Cross Section 62-Sm-154
 -100.0 To 9999. %



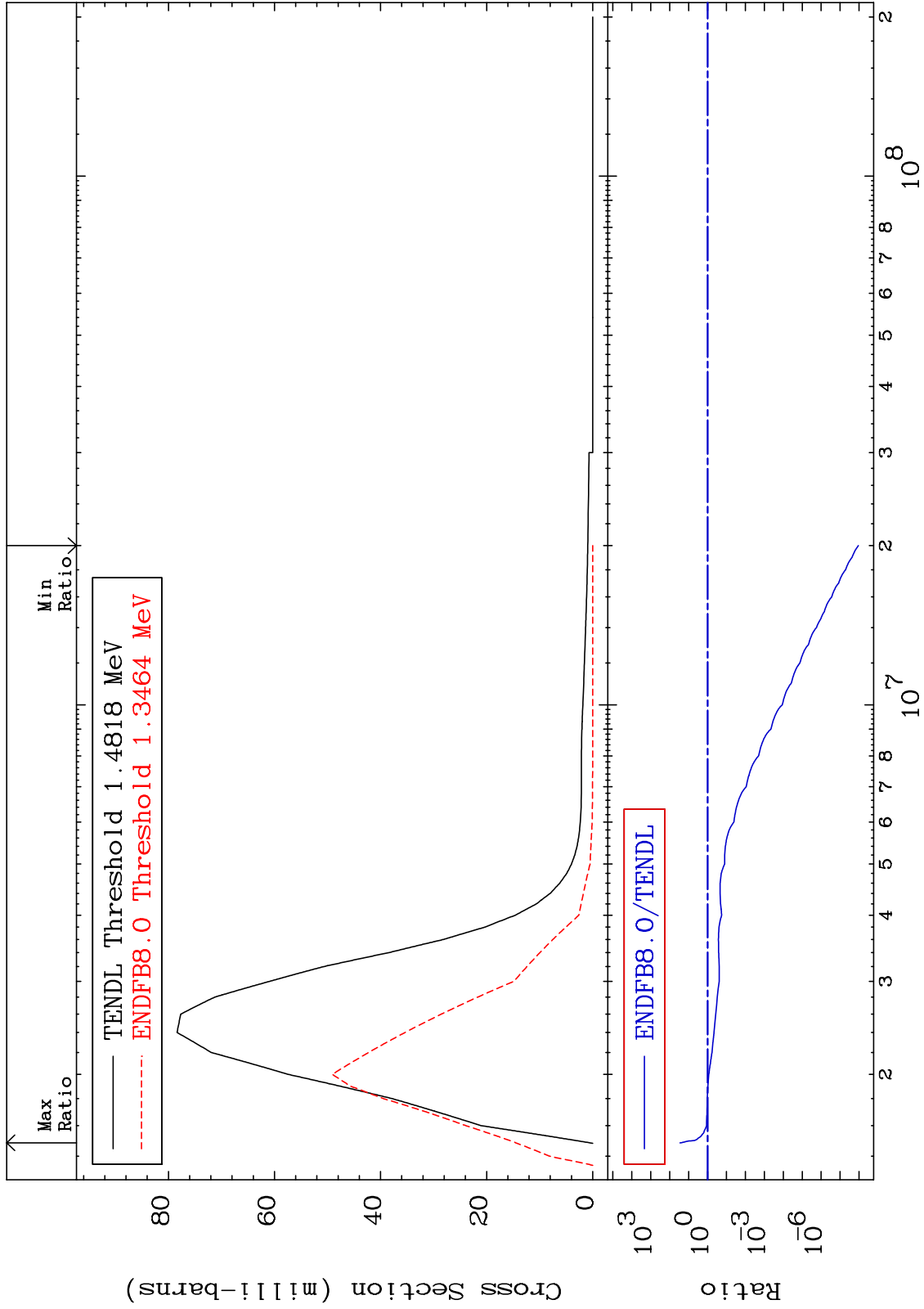
MAT 6255 MT= 65 (n, n') Level Cross Section 62-Sm-154
 -100.0 To 329.7 %



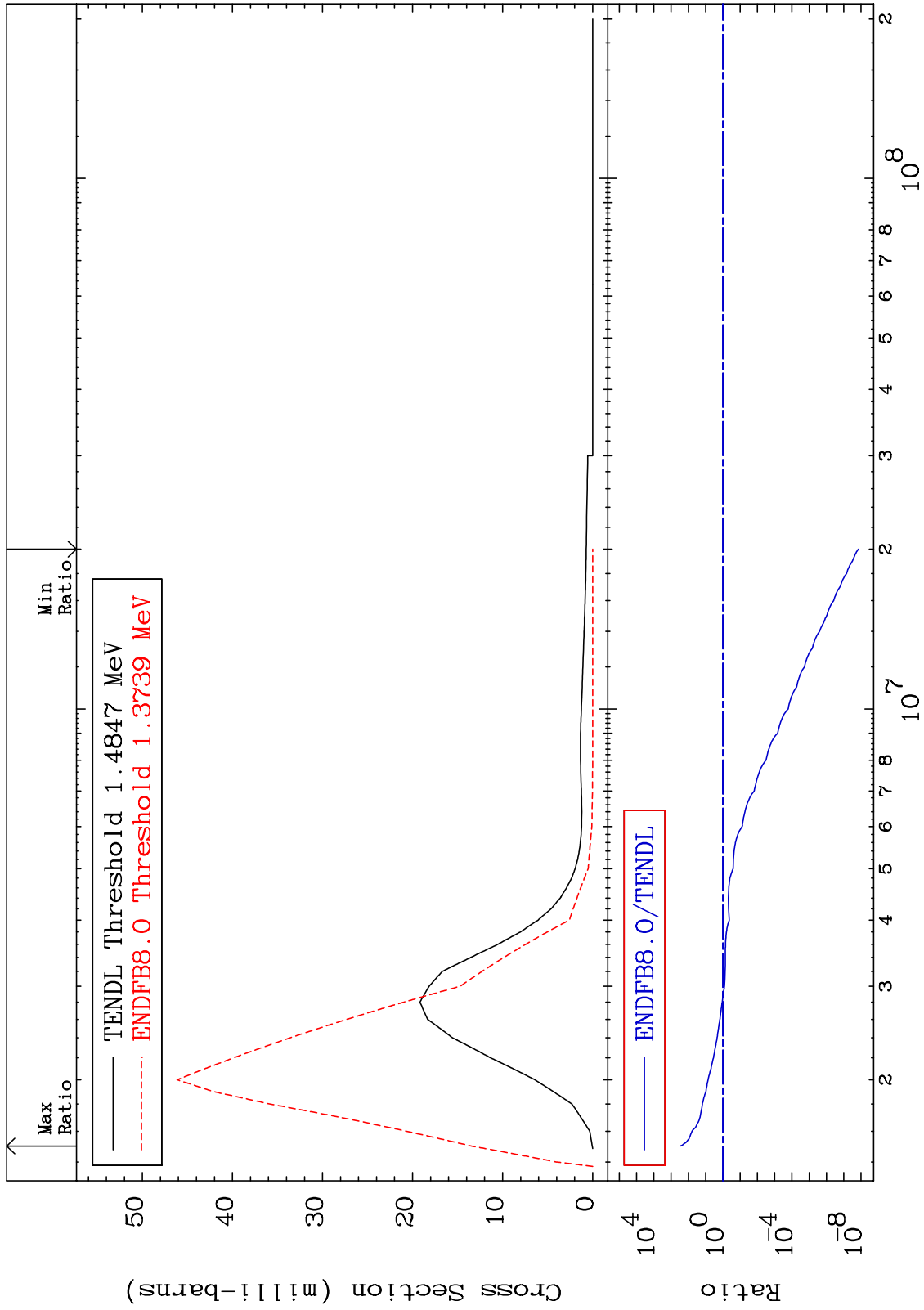
MAT 6255

MT= 66 (n,n') Level
Cross Section

62-Sm-154
-100.0 To 2741. %



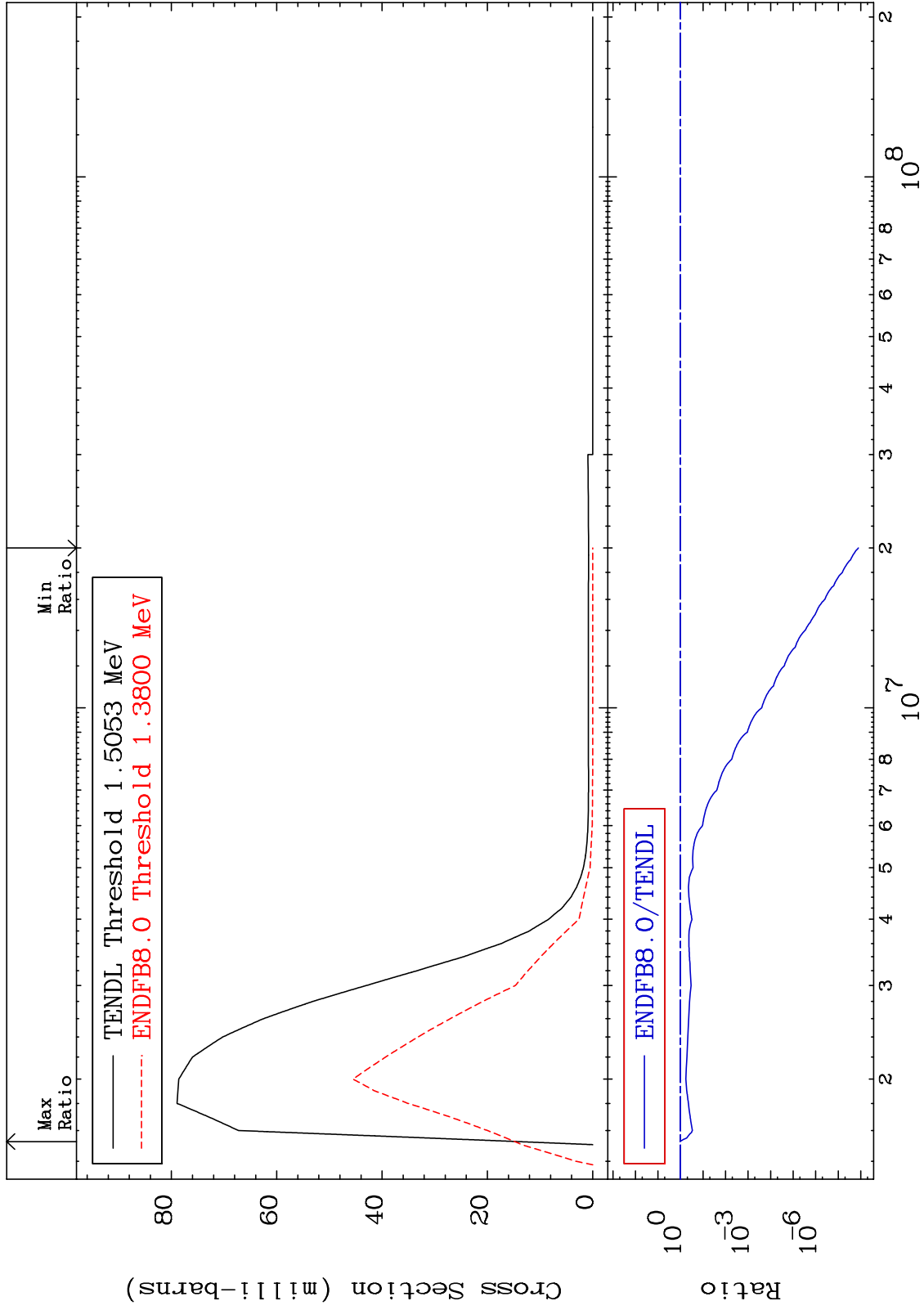
MAT 6255 MT= 67 (n,n') Level 62-Sm-154
 Cross Section -100.0 To 9999. %



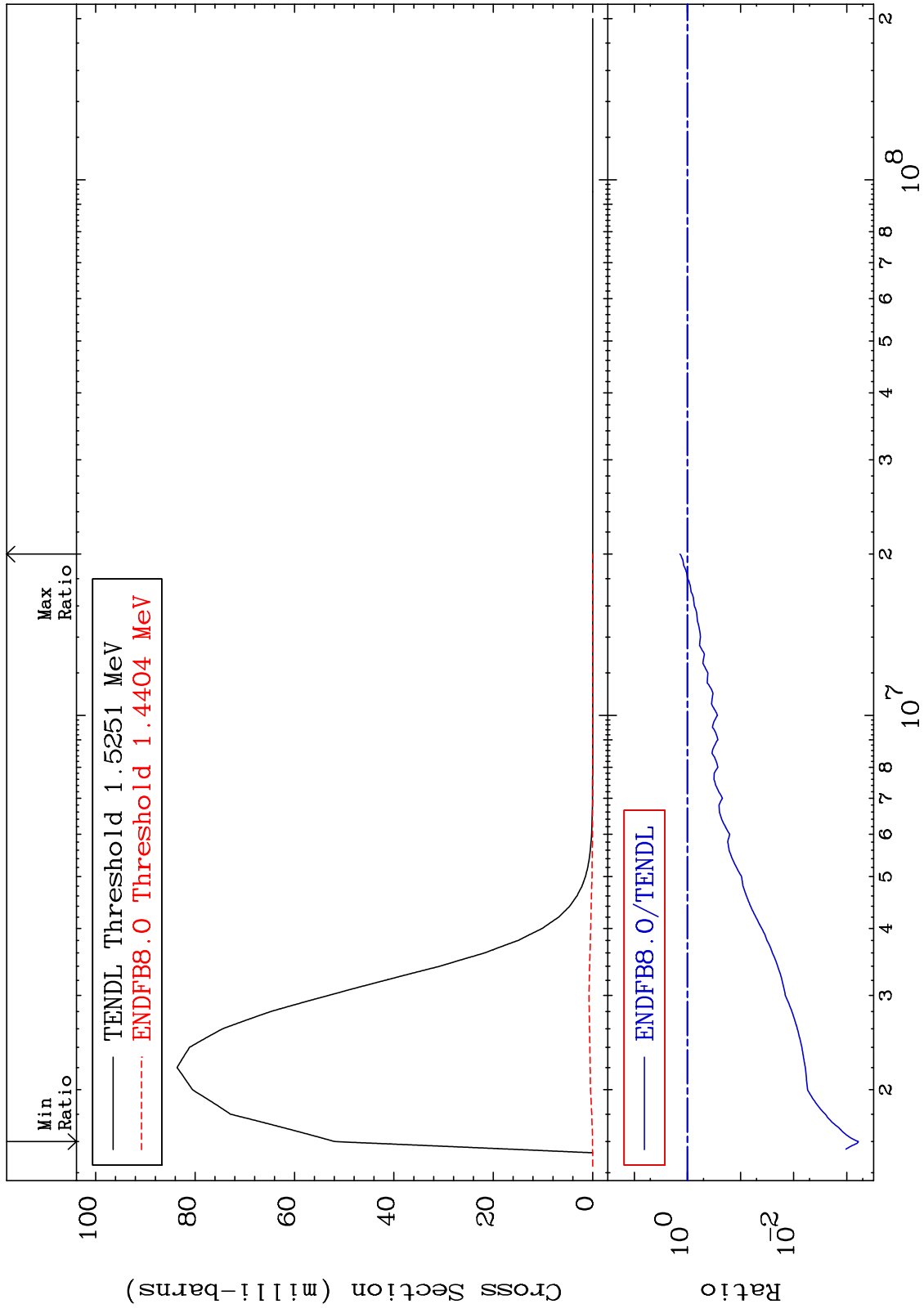
MAT 6255

MT= 68 (n,n') Level
Cross Section

62-Sm-154
-100.0 To 4.874 %



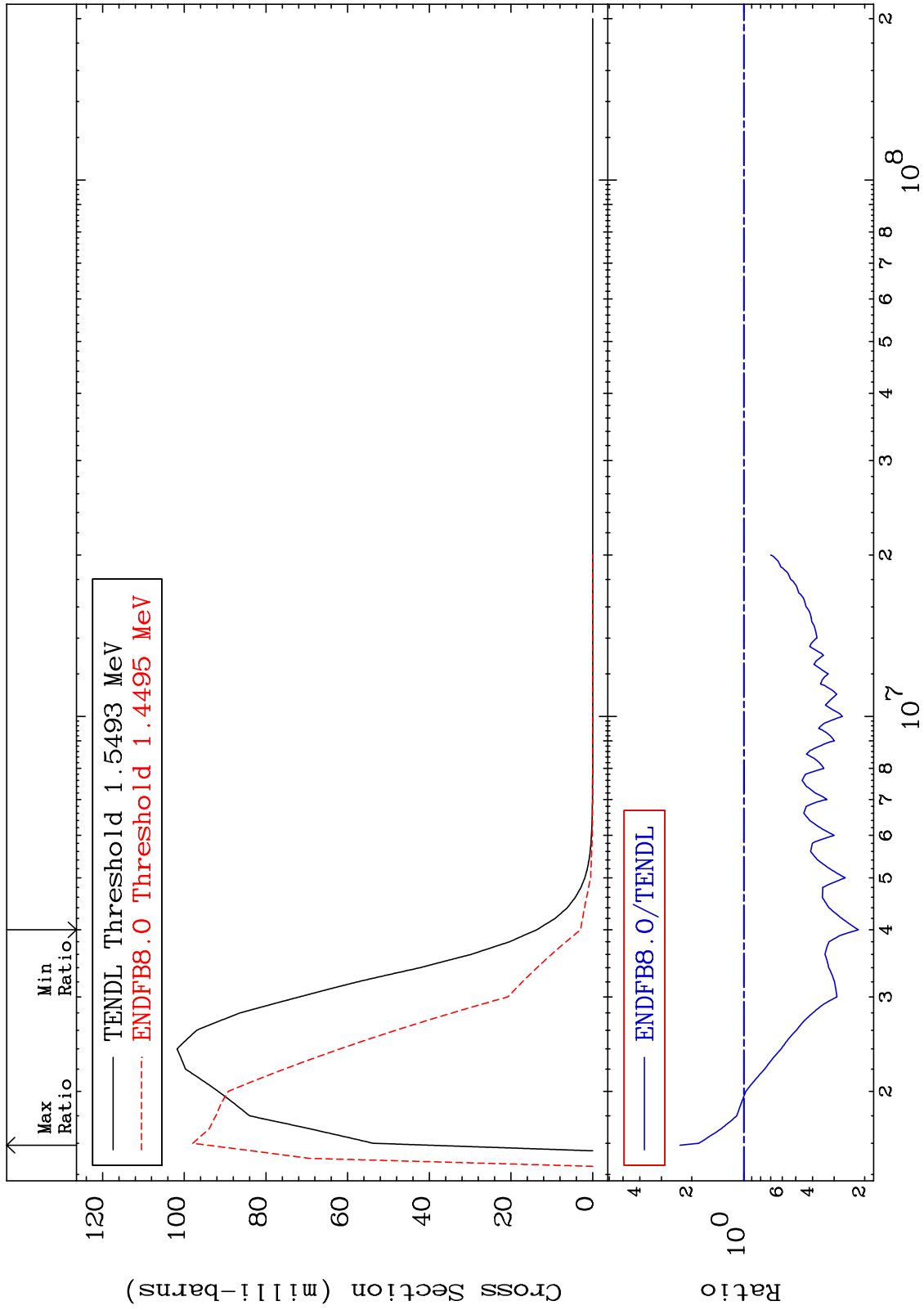
MAT 6255 MT= 69 (n,n') Level Cross Section 62-Sm-154
 -99.94 To 38.14 %



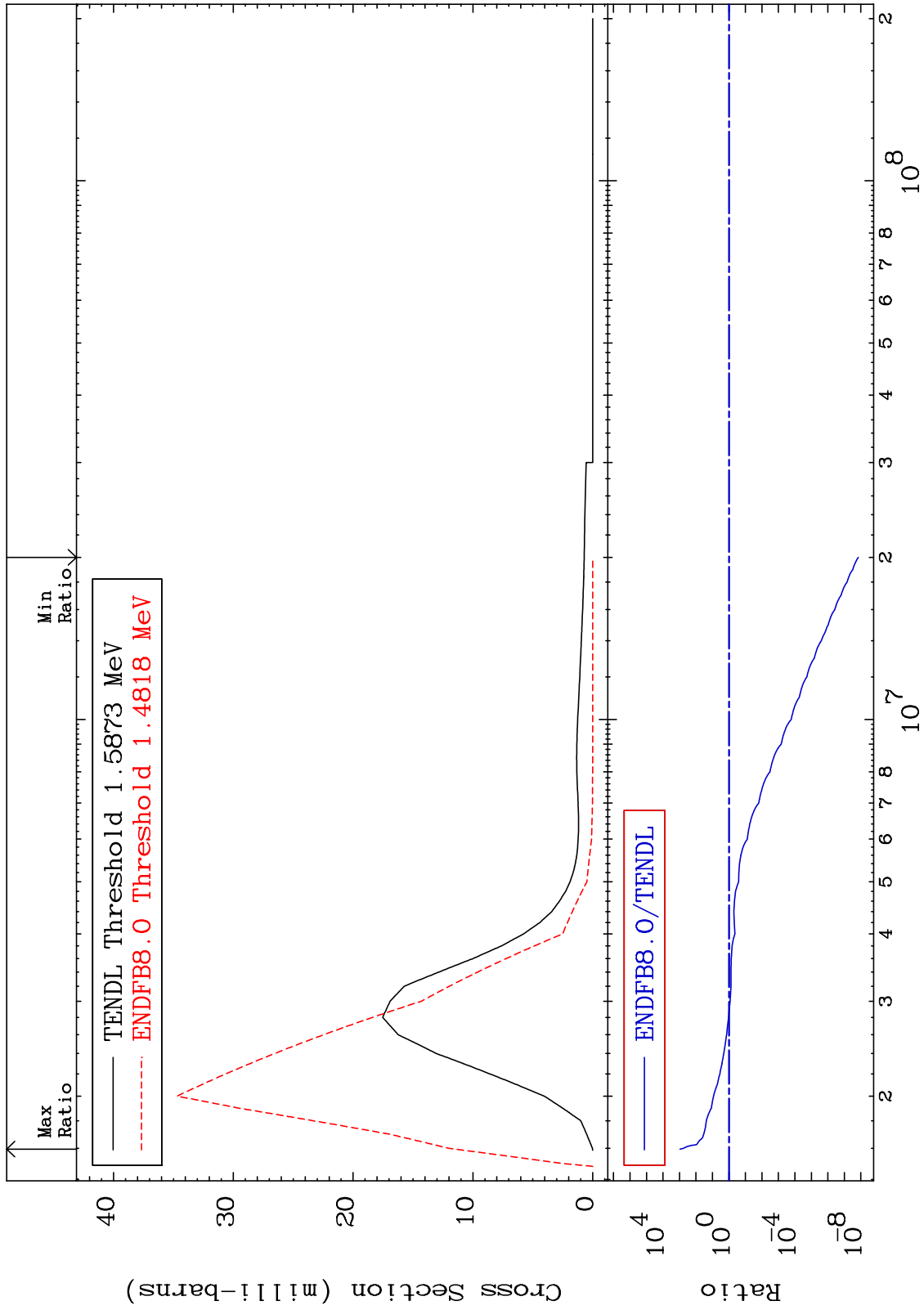
MAT 6255

MT= 70 (n,n') Level
Cross Section

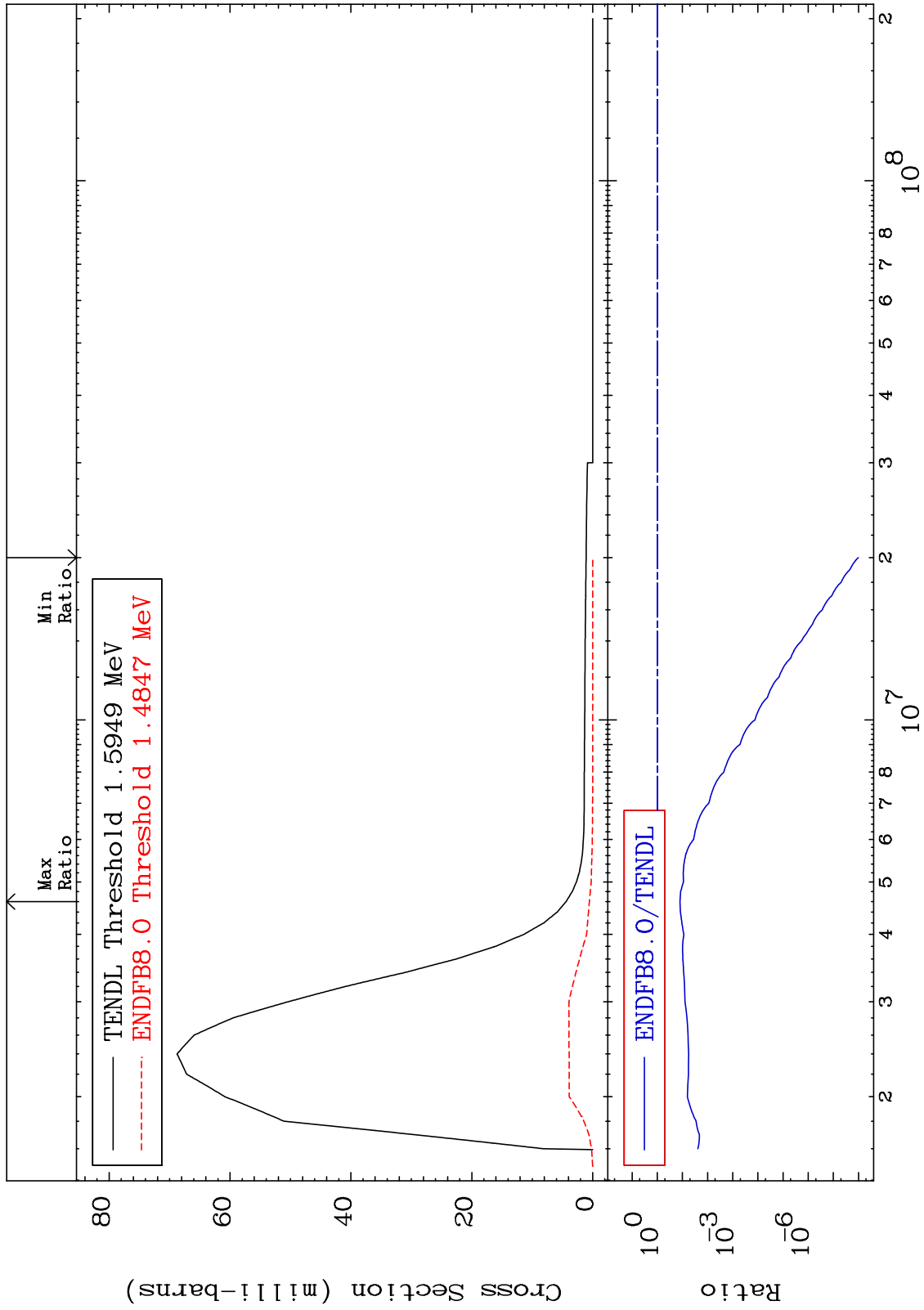
62-Sm-154
-78.28 To 134.0 %



MAT 6255 MT= 71 (n,n') Level 62-Sm-154
 Cross Section -100.0 To 9999. %



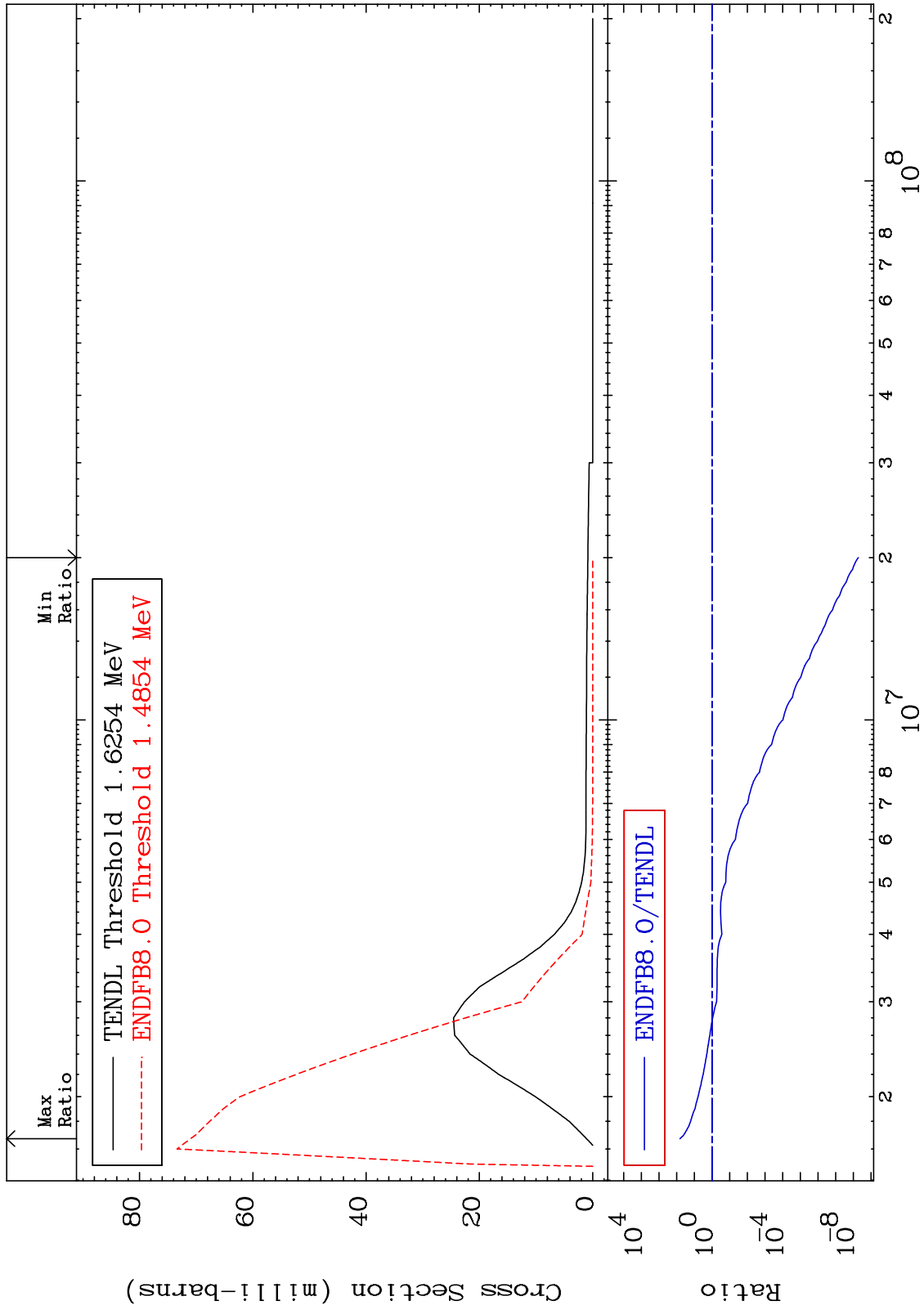
MAT 6255 MT= 72 (n, n') Level Cross Section 62-Sm-154 -100.0 To -87.57%



MAT 6255

MT= 73 (n,n') Level
Cross Section

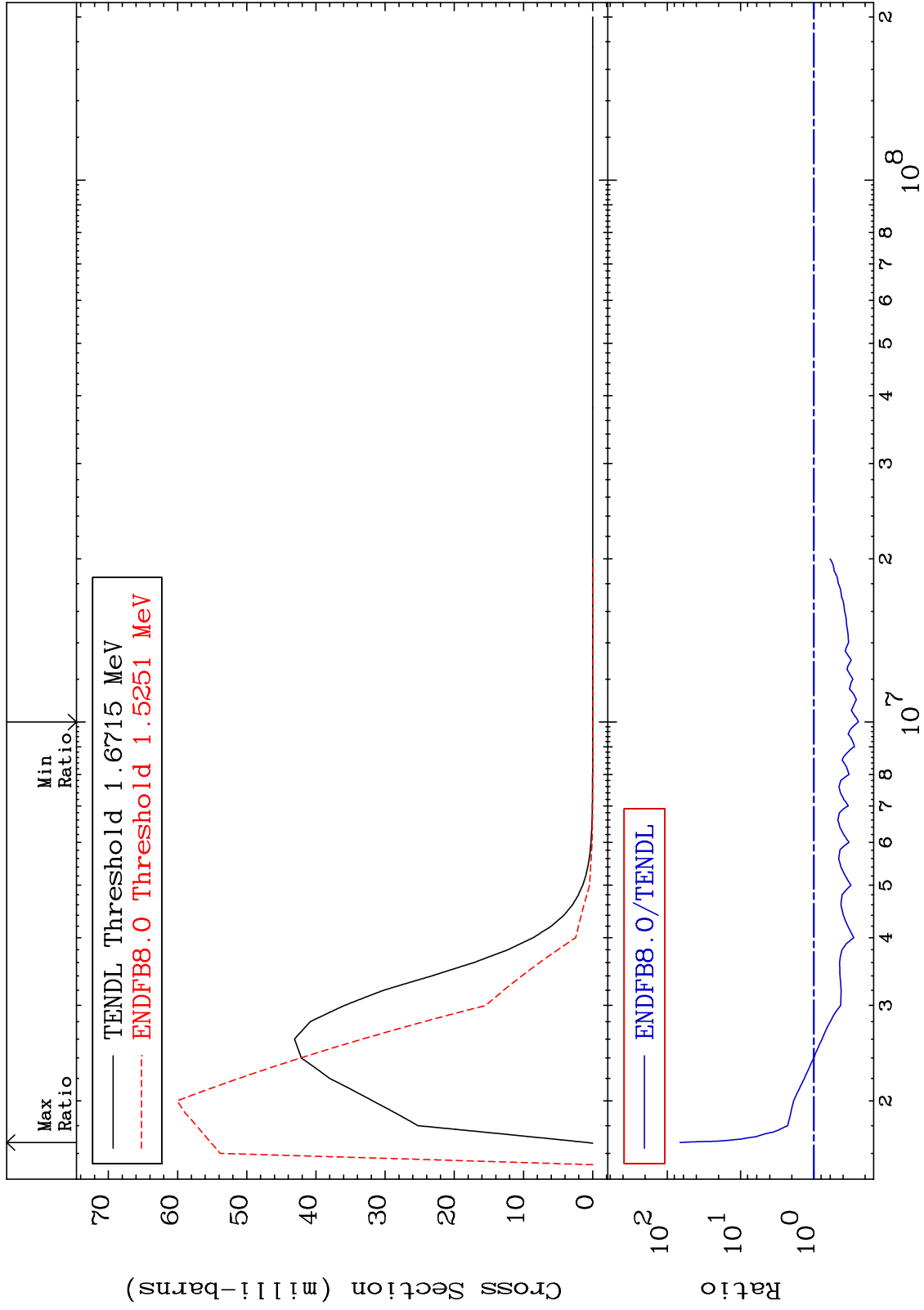
62-Sm-154
-100.0 To 6353. %



MAT 6255

MT= 74 (n,n') Level
Cross Section

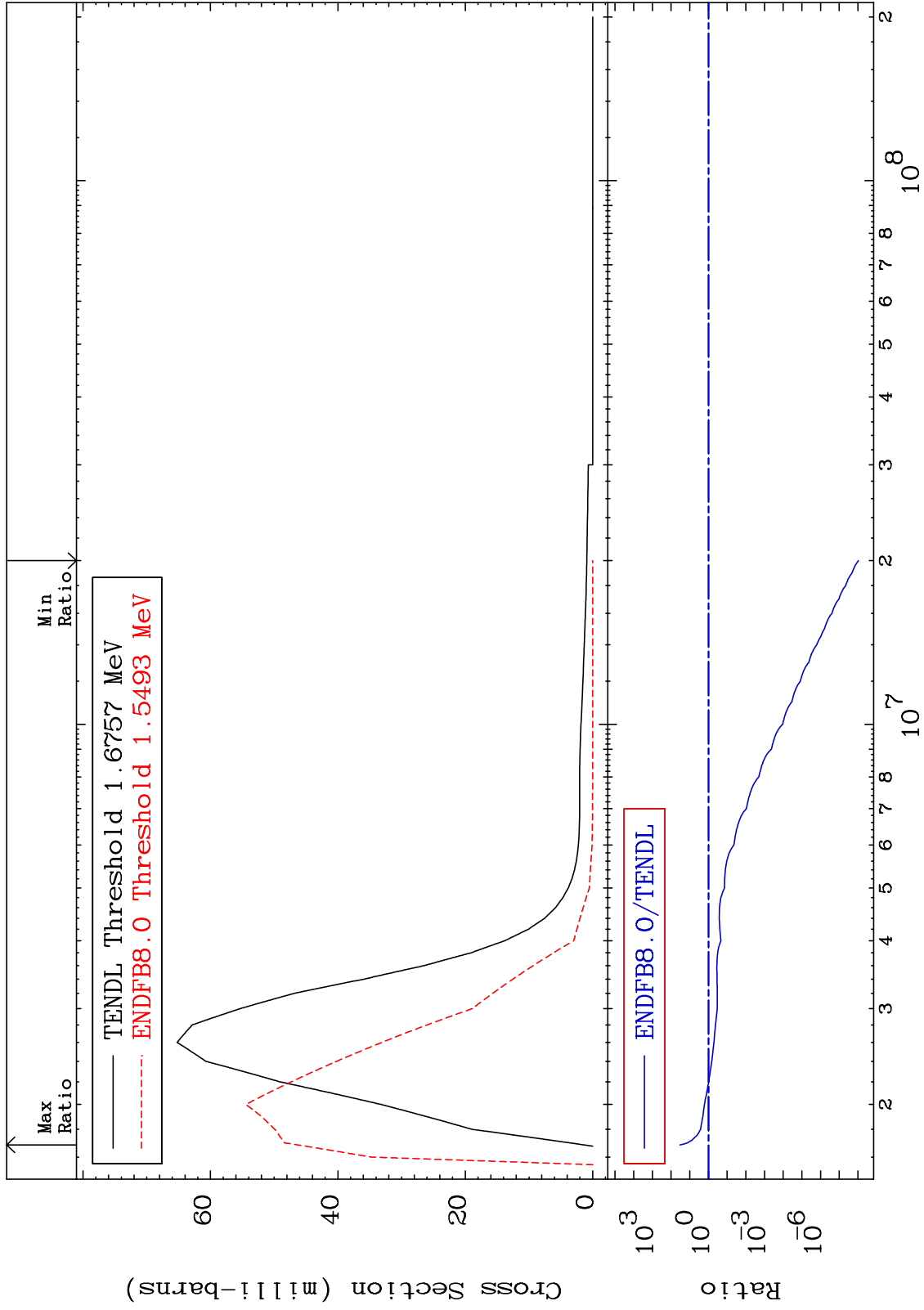
62-Sm-154
-75.31 To 6587. %



MAT 6255

MT= 75 (n,n') Level
Cross Section

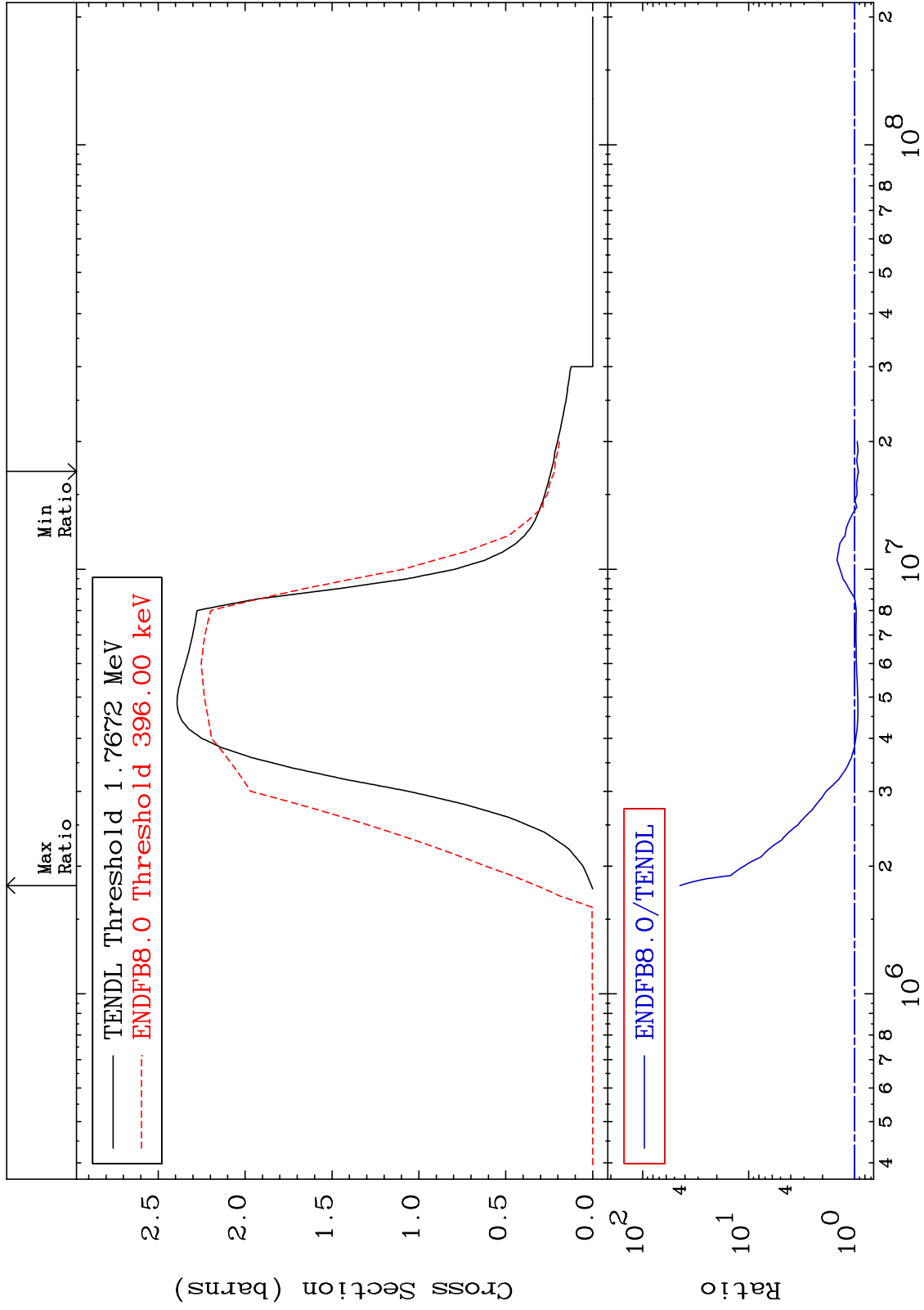
62-Sm-154
-100.0 To 3219. %



MAT 6255

(n, n') Continuum
Cross Section

62-Sm-154
-8.006 To 4345. %



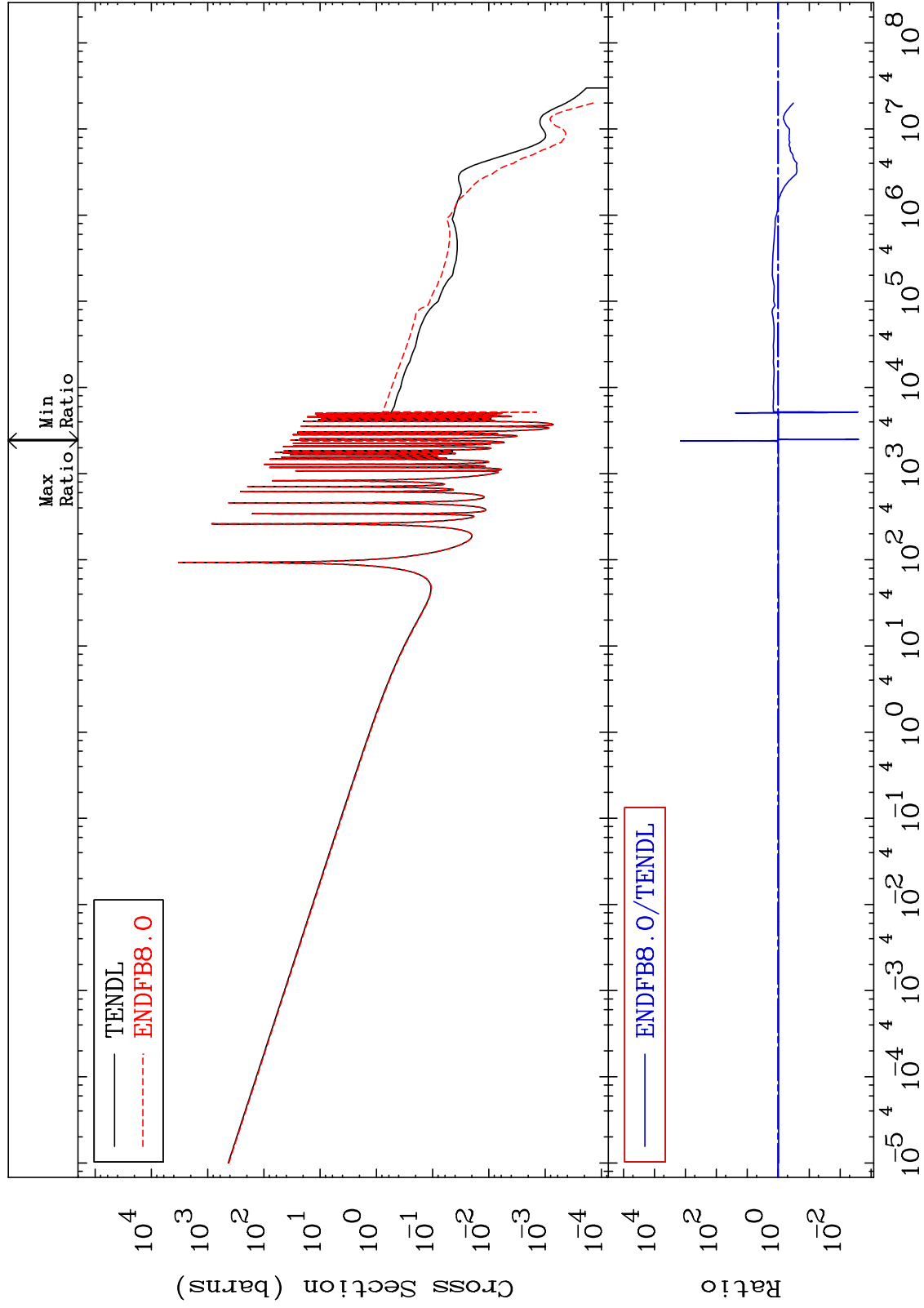
62-Sm-154

Incident Energy (eV)

MAT 6255

(n, γ)
Cross Section

62-Sm-154
-99.75 To 9999. %



36

Incident Energy (eV)

62-Sm-154

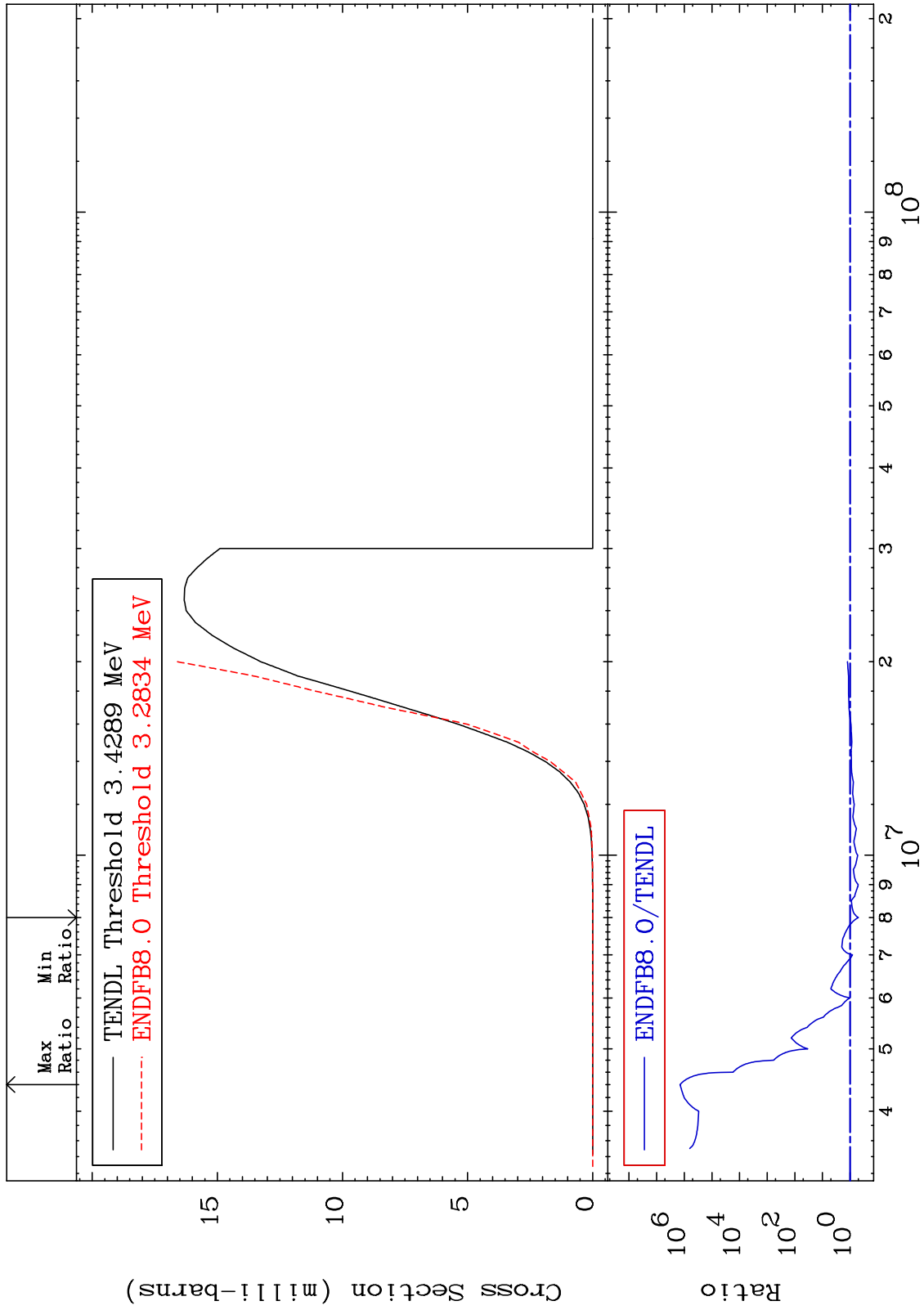
MAT 6255

(n,p)

62-Sm-154

Cross Section

-49.86 To 9999. %



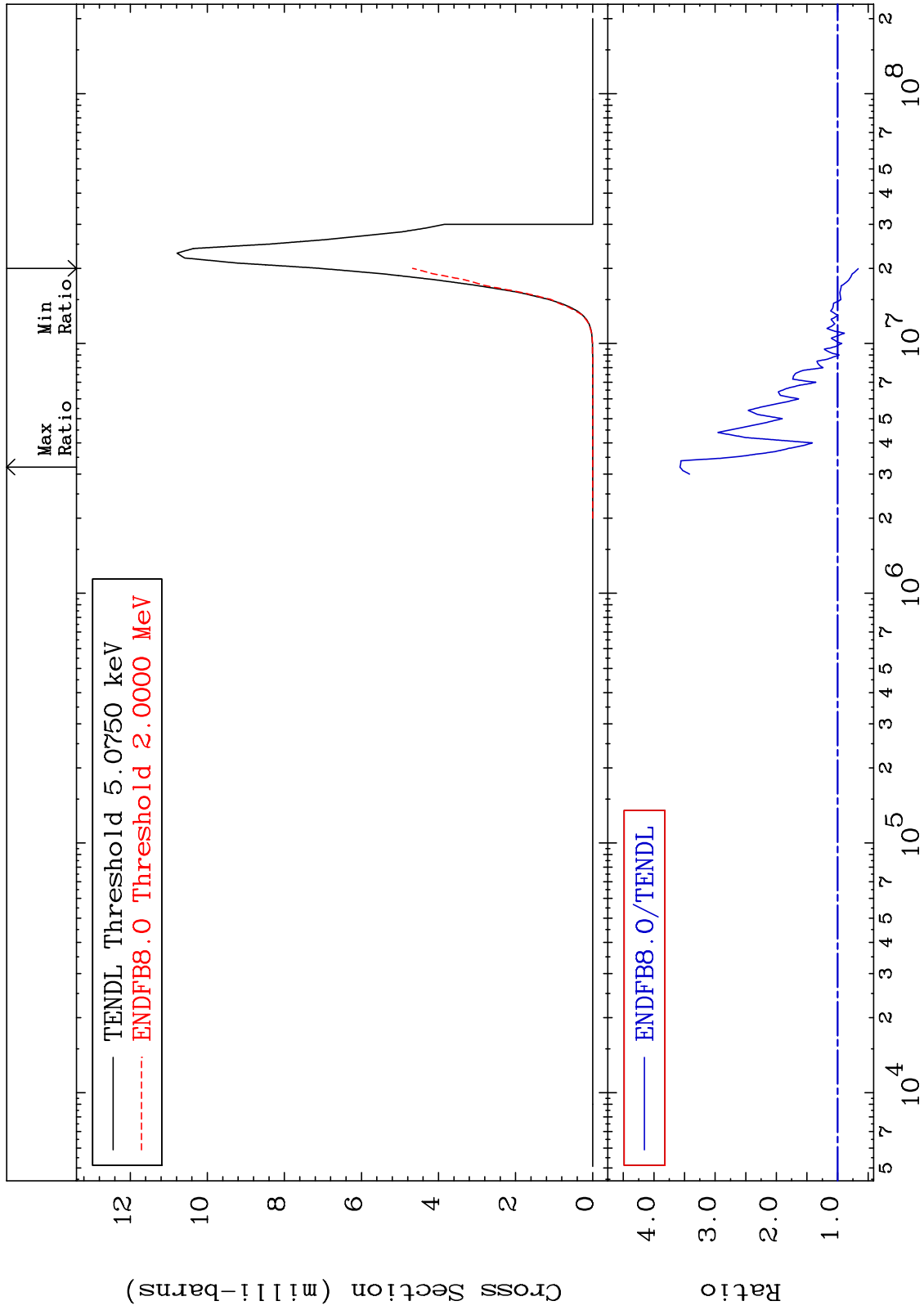
MAT 6255

62-Sm-154

(n, α)

Cross Section

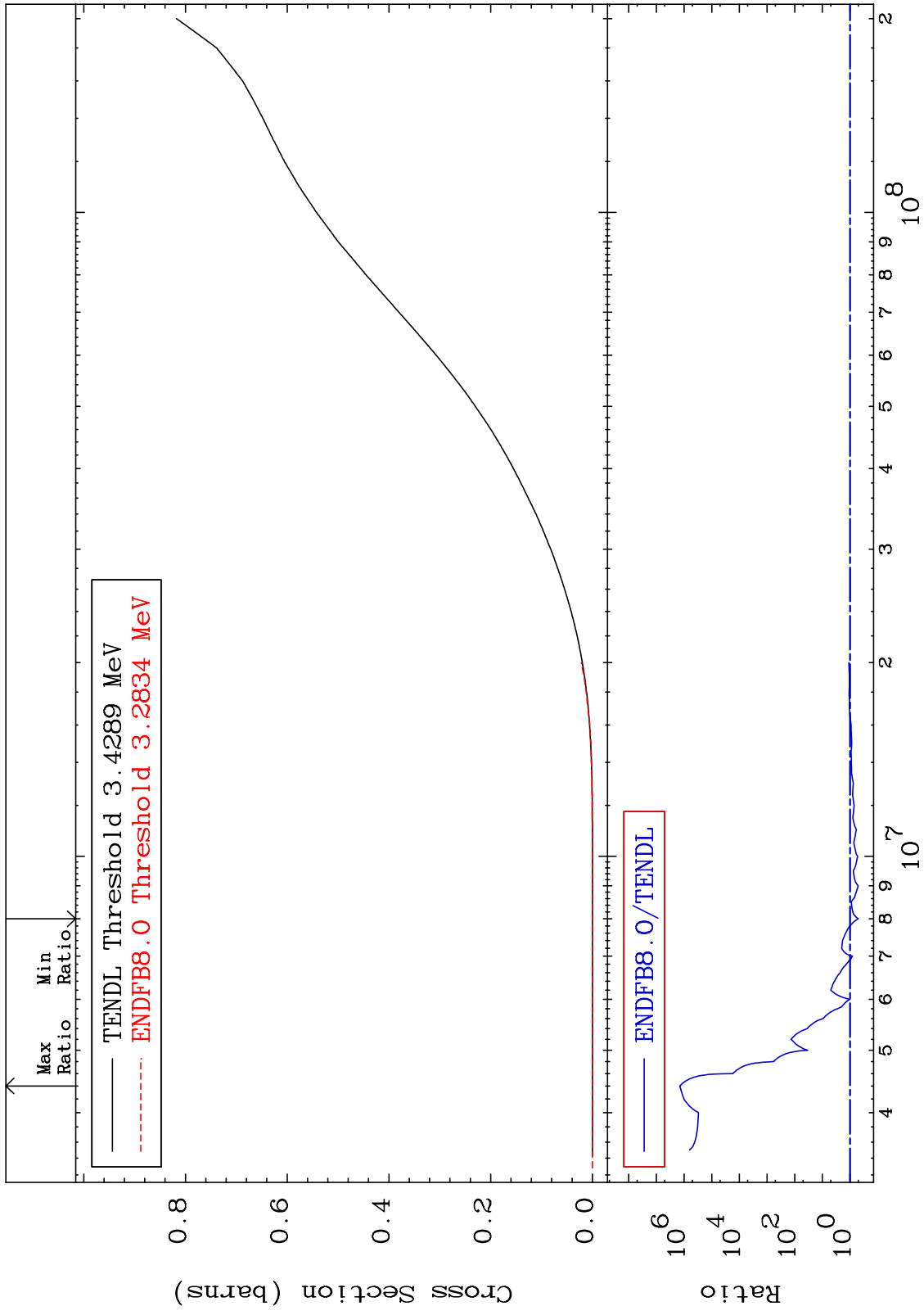
-34.03 To 257.4 %



MAT 6255

Hydrogen Production
Cross Section

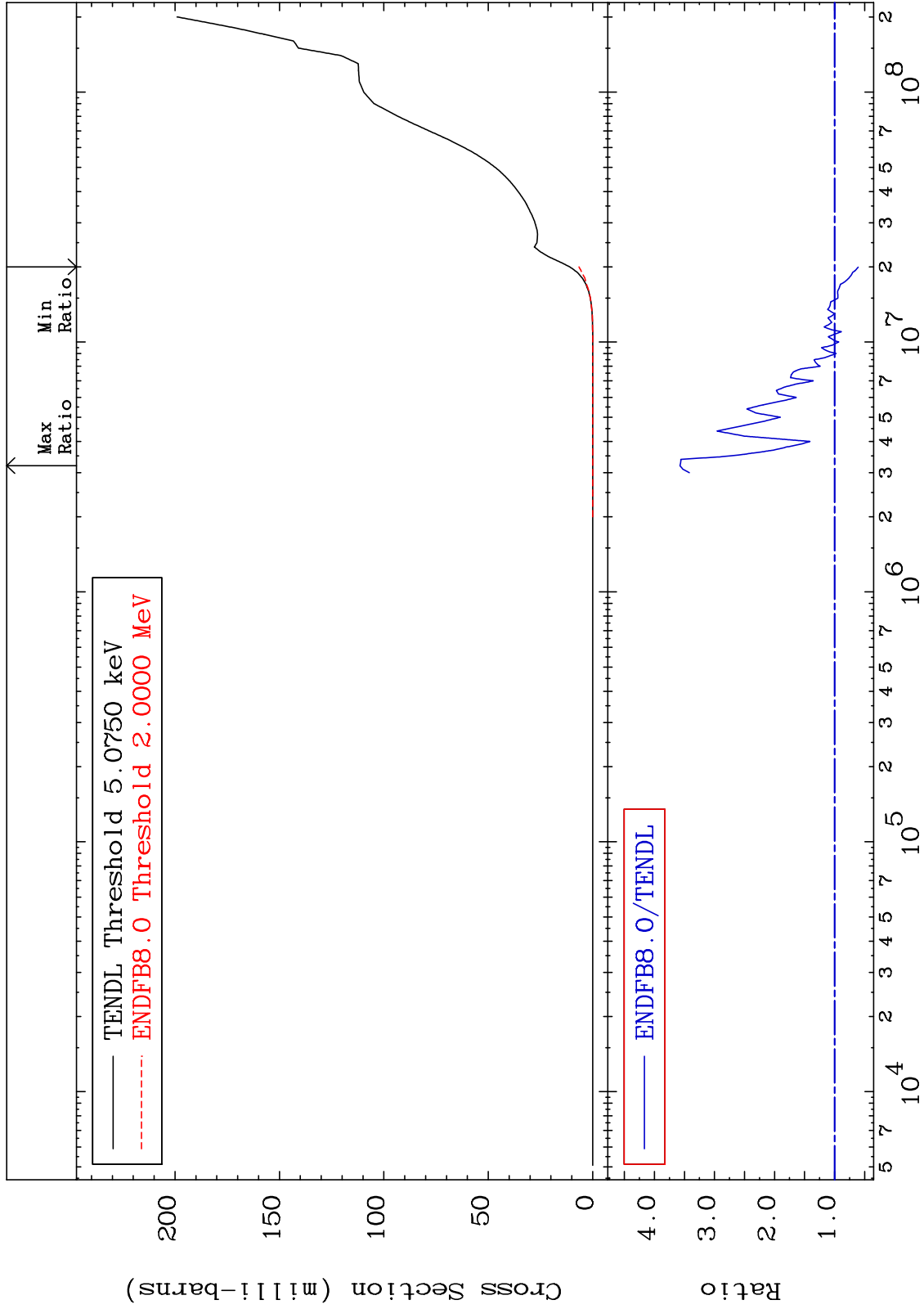
62-Sm-154
-49.86 To 9999. %



MAT 6255

He-4 Production
Cross Section

62-Sm-154
-39.67 To 257.4 %



40

Incident Energy (eV)

62-Sm-154

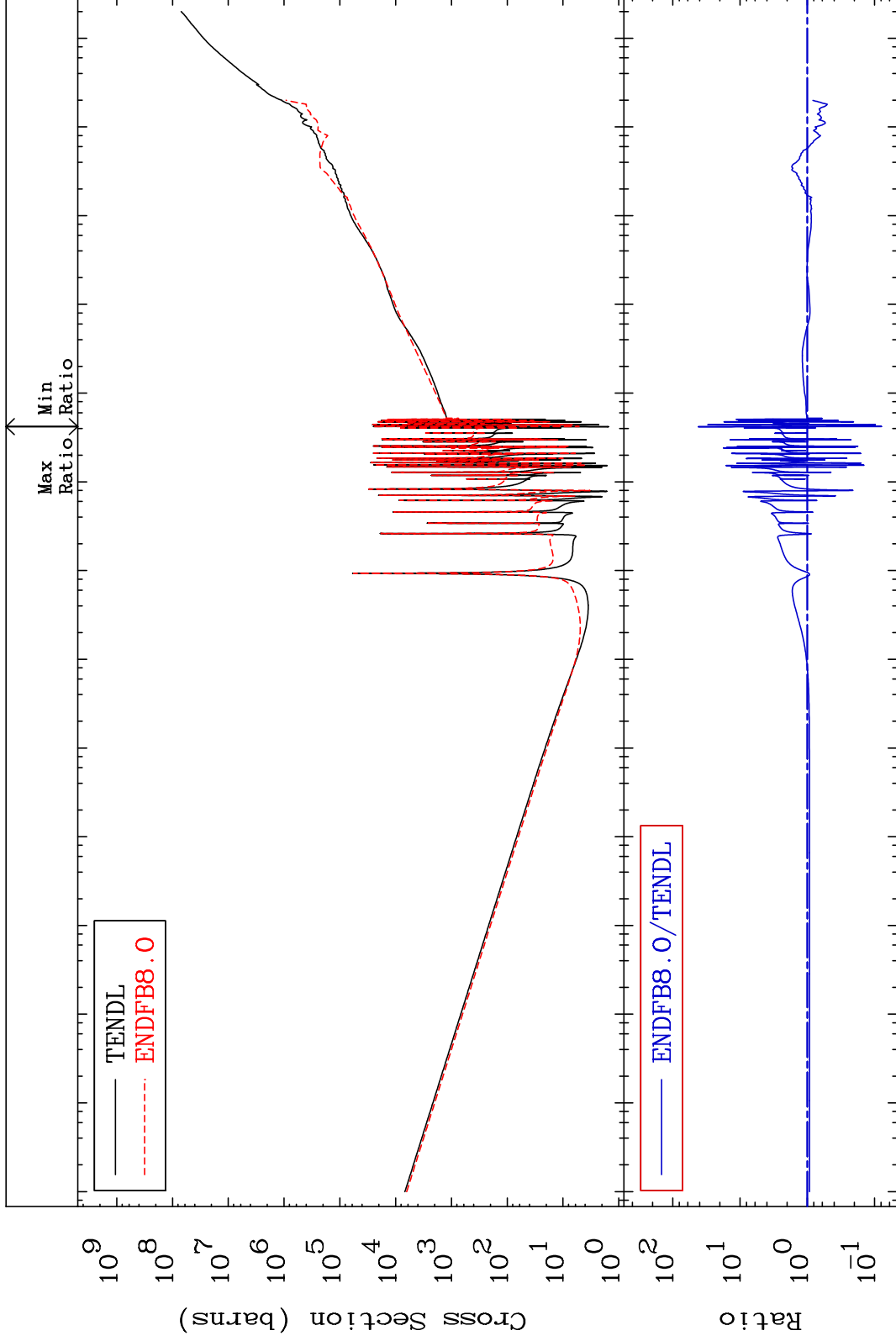
MAT 6255

Kerma total (eV-barns)

62-Sm-154

-92.11 To 4104. %

Cross Section



41

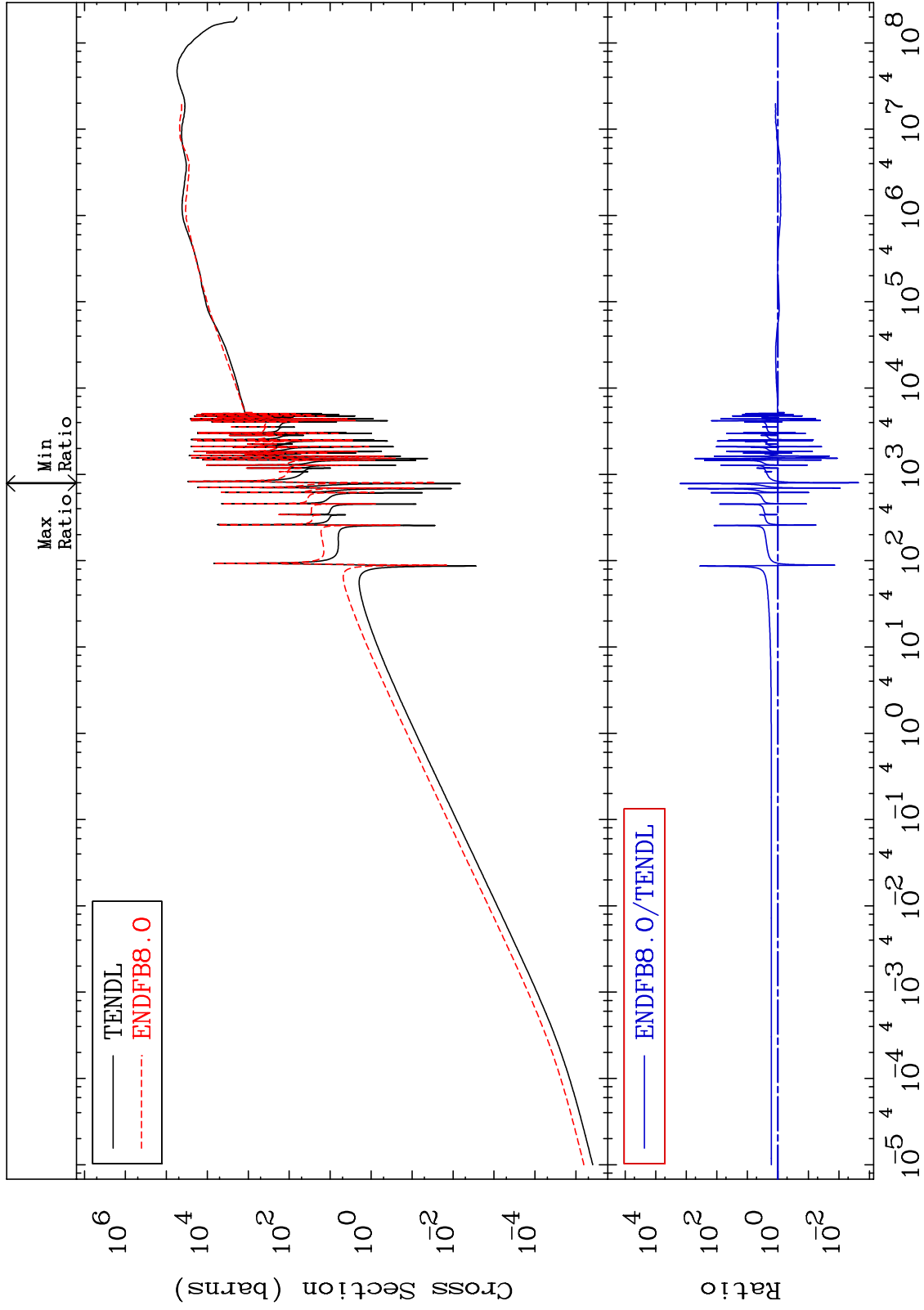
Incident Energy (eV)

62-Sm-154

MAT 6255

Kerma elastic
Cross Section

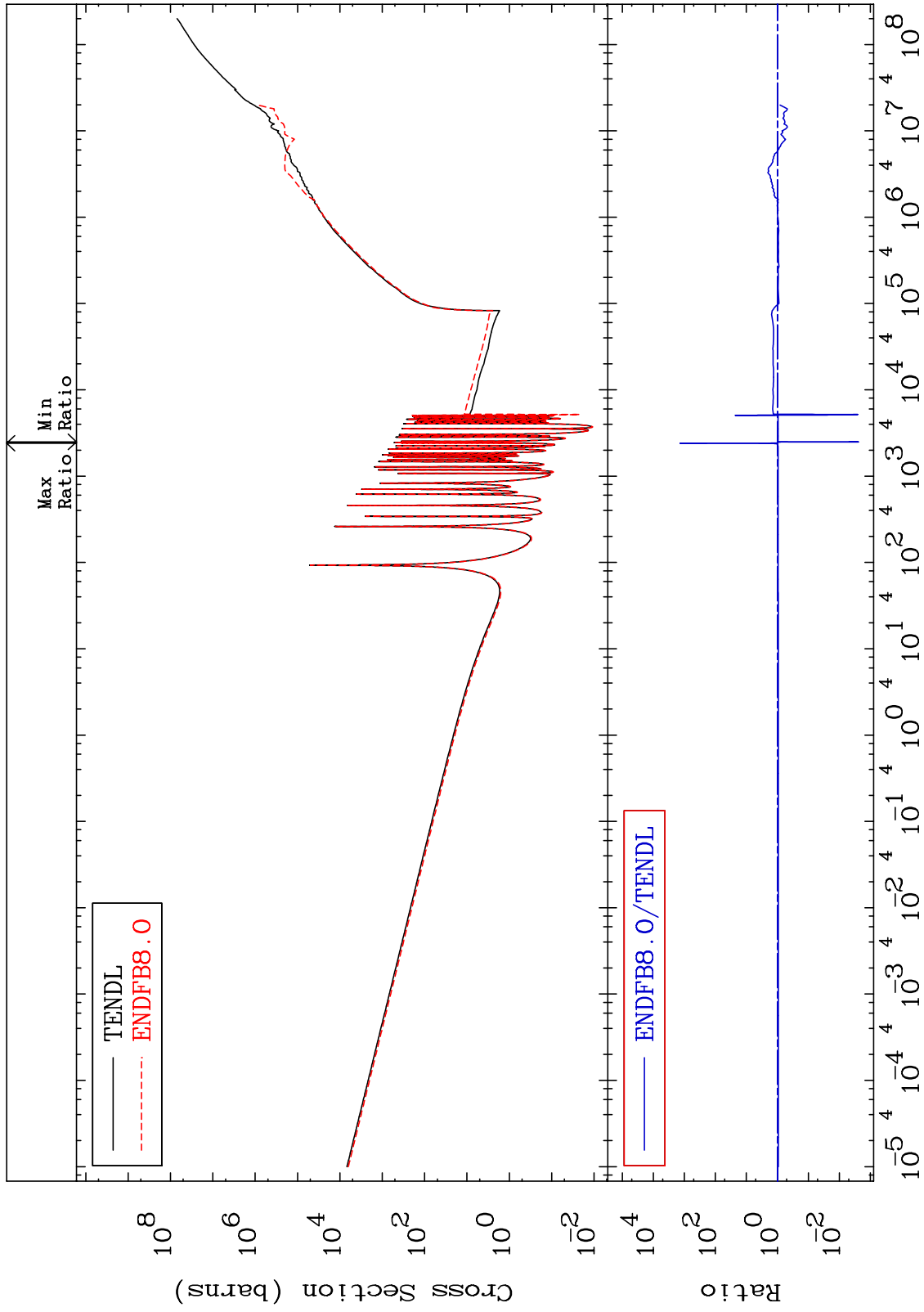
62-Sm-154
-99.77 To 9999. %



MAT 6255

Kerma non-elastic (all but mt2)
Cross Section

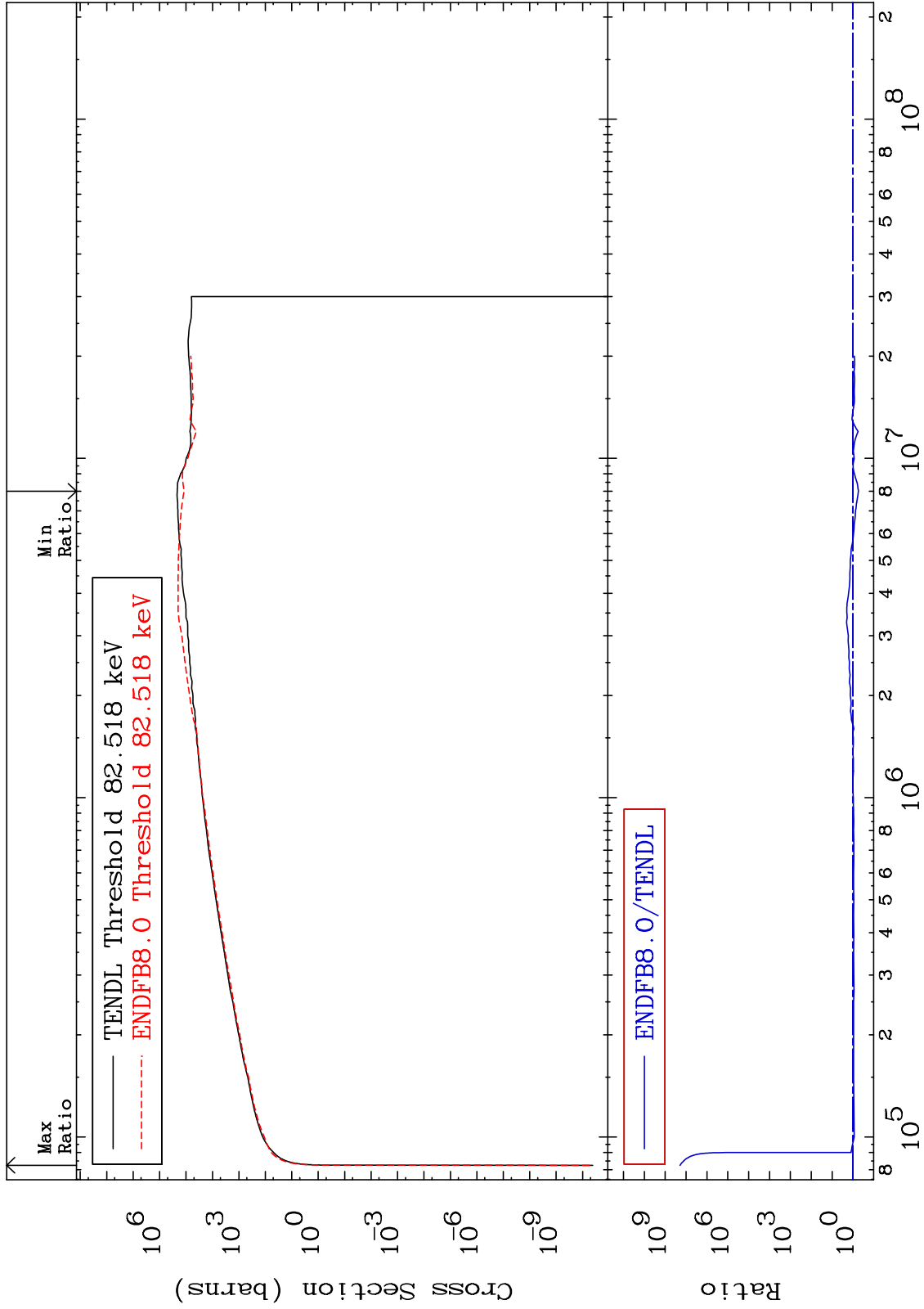
62-Sm-154
-99.76 To 9999. %



MAT 6255

Kerma inelastic (mt51-91)
Cross Section

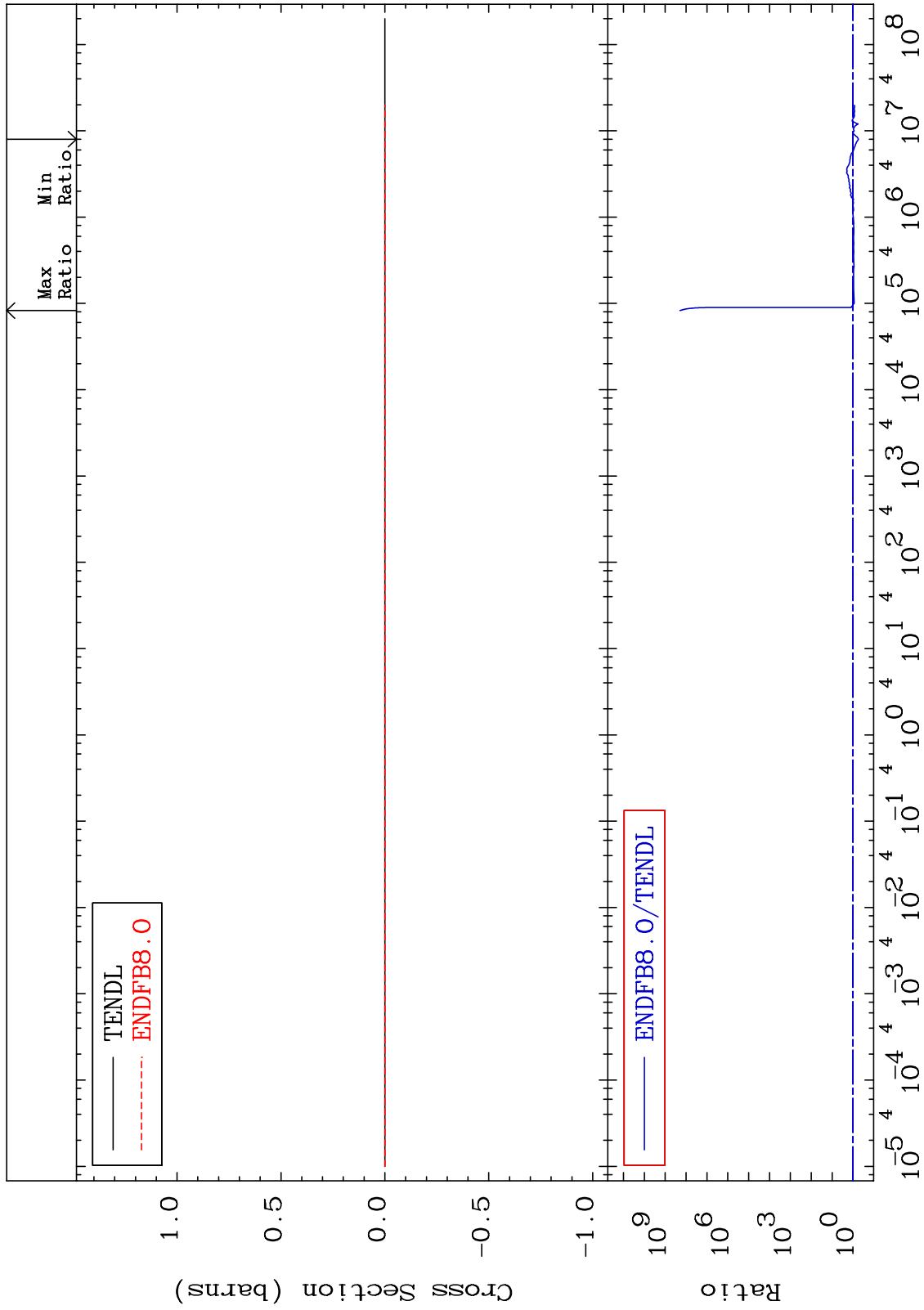
62-Sm-154
-45.28 To 9999. %



MAT 6255

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

62-Sm-154
-45.28 To 9999. %



45

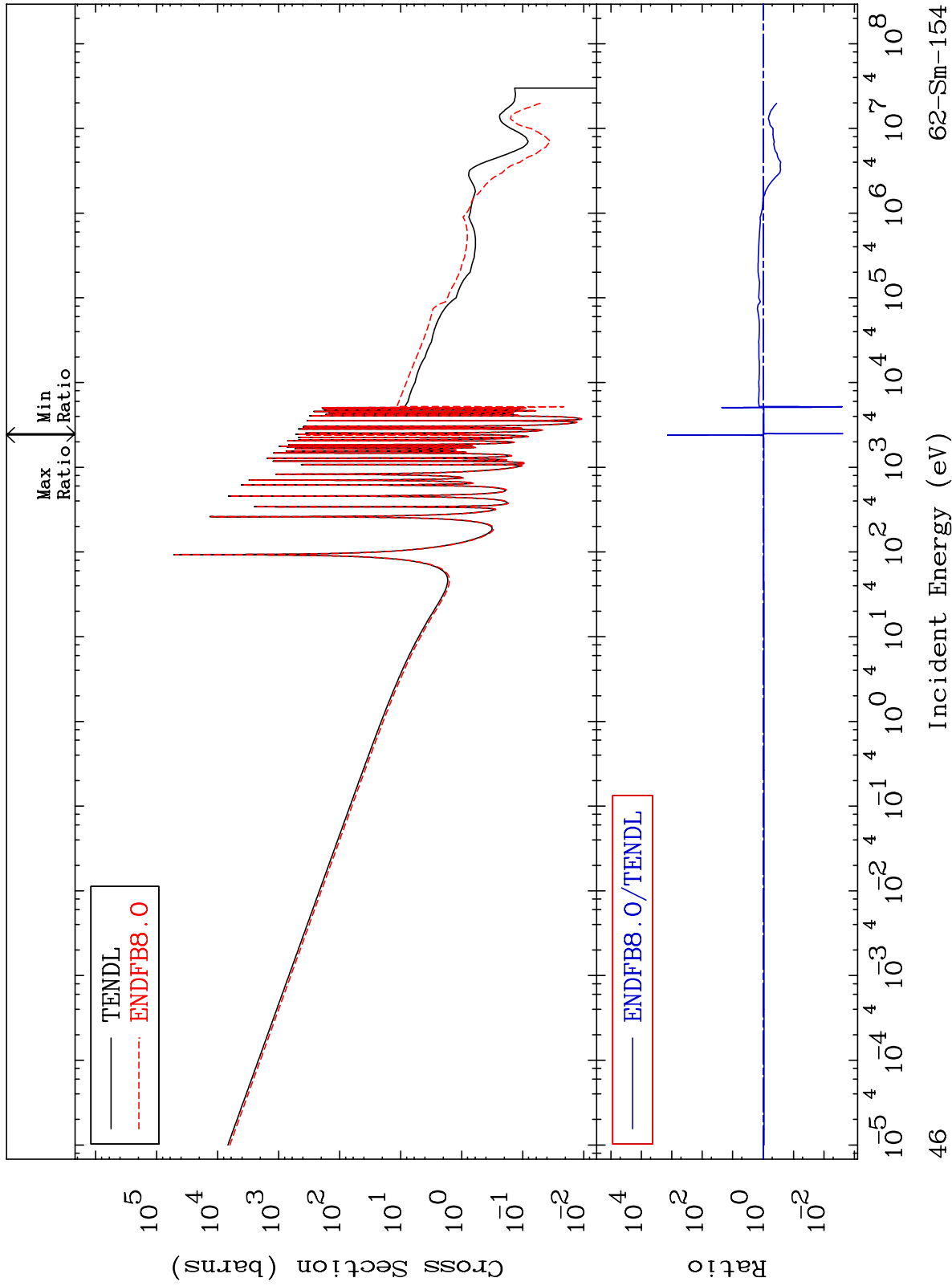
Incident Energy (eV)

62-Sm-154

MAT 6255

Kerma capture (mt102)
Cross Section

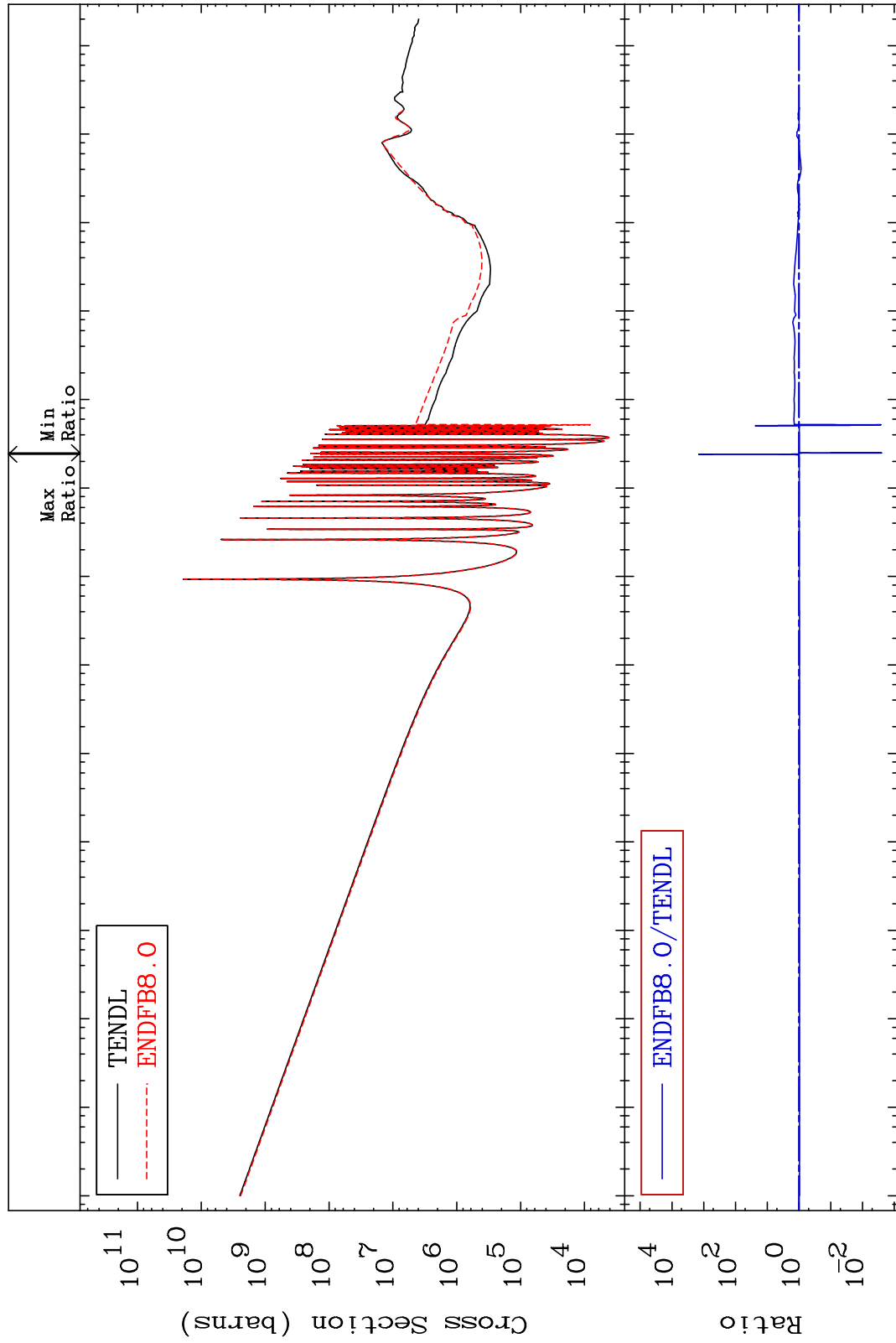
62-Sm-154
-99.76 To 9999. %



MAT 6255

Total photon (eV-barns)
Cross Section

62-Sm-154
-99.75 To 9999. %



47

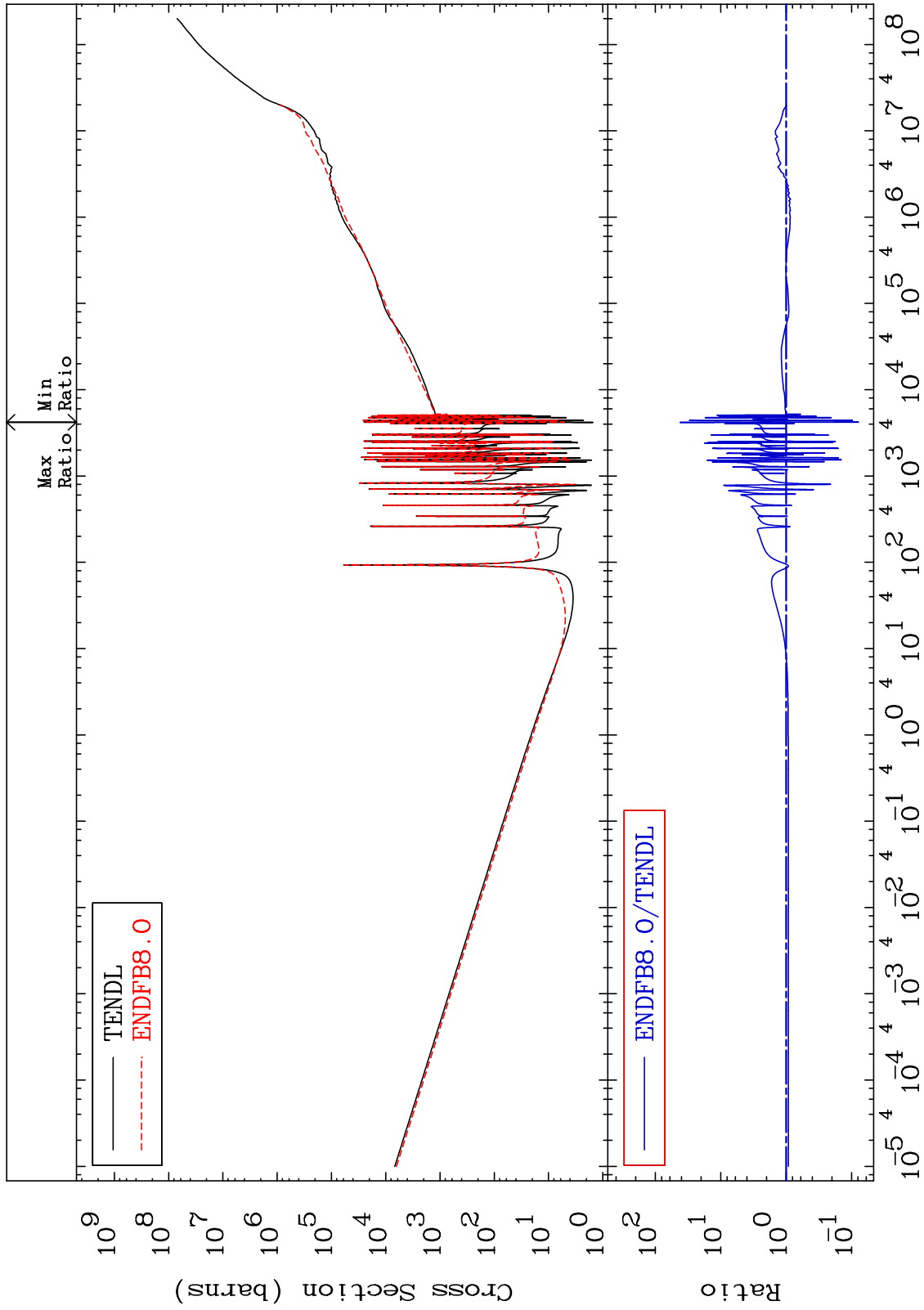
Incident Energy (eV)

62-Sm-154

MAT 6255

Total kinematic kerma (high limit)
Cross Section

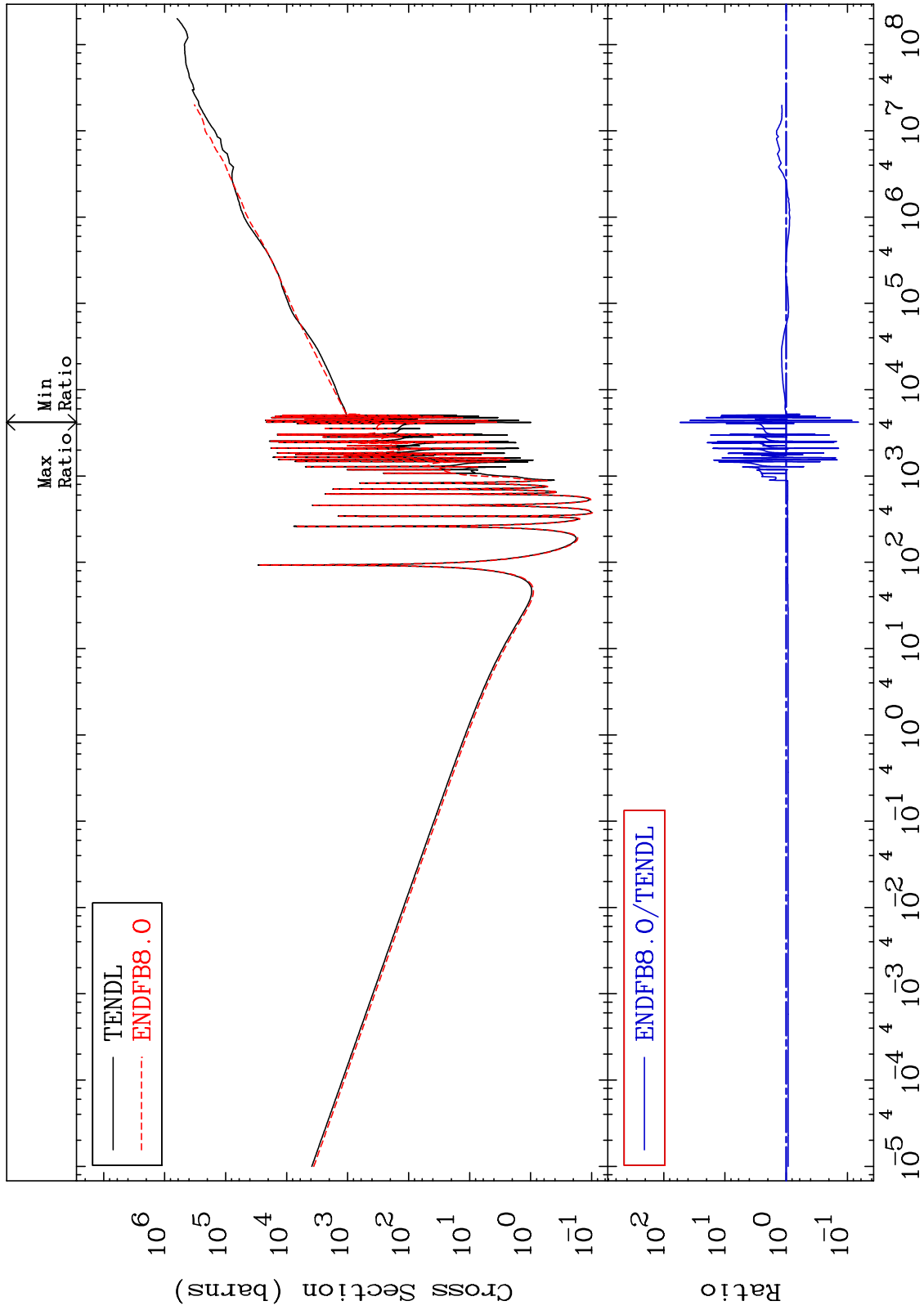
62-Sm-154
-92.11 To 4104. %



MAT 6255

Dpa total (eV-barns)
Cross Section

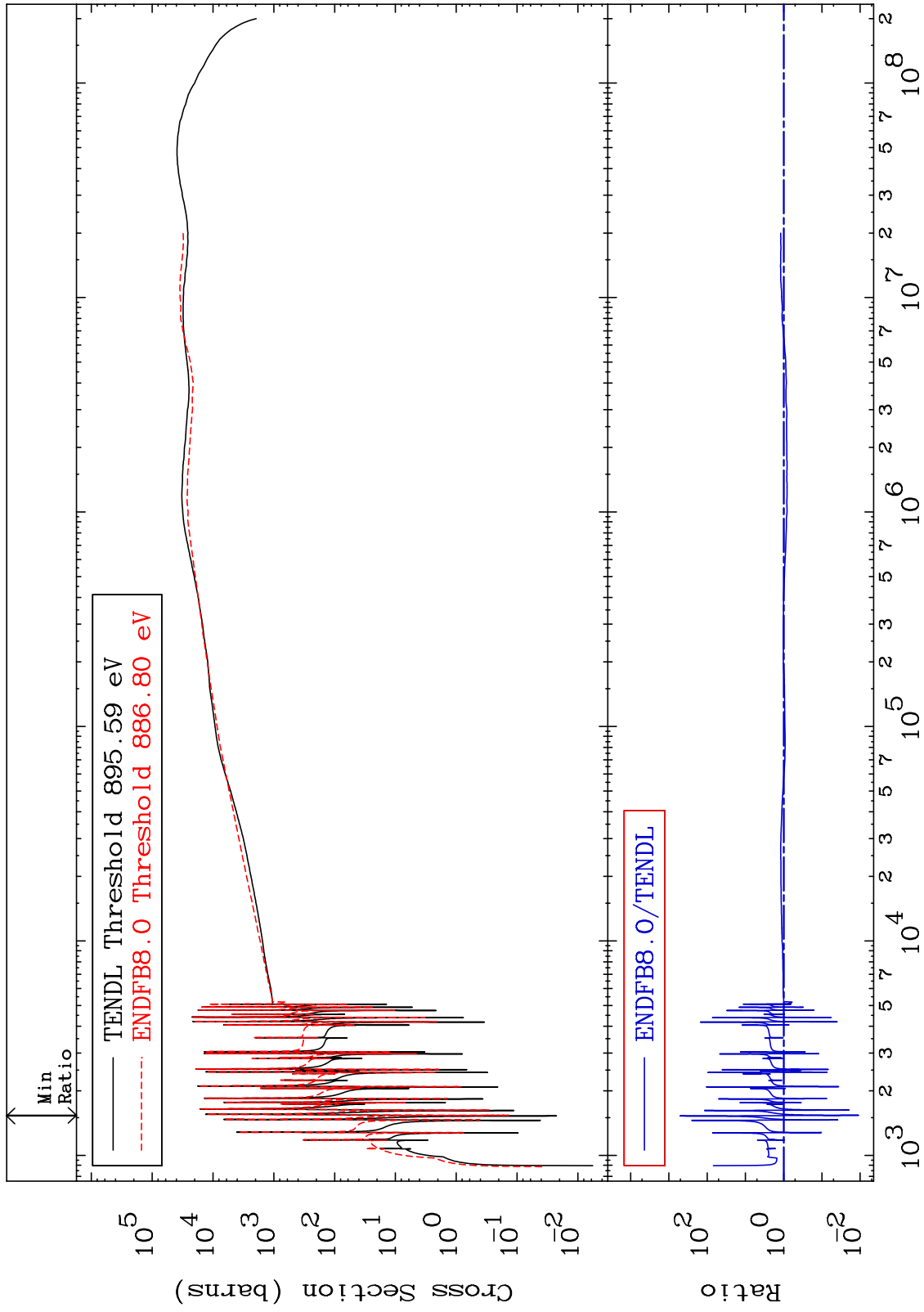
62-Sm-154
-93.39 To 5322. %



MAT 6255

Dpa elastic (mt2)
Cross Section

62-Sm-154
-98.89 To 9999. %



50

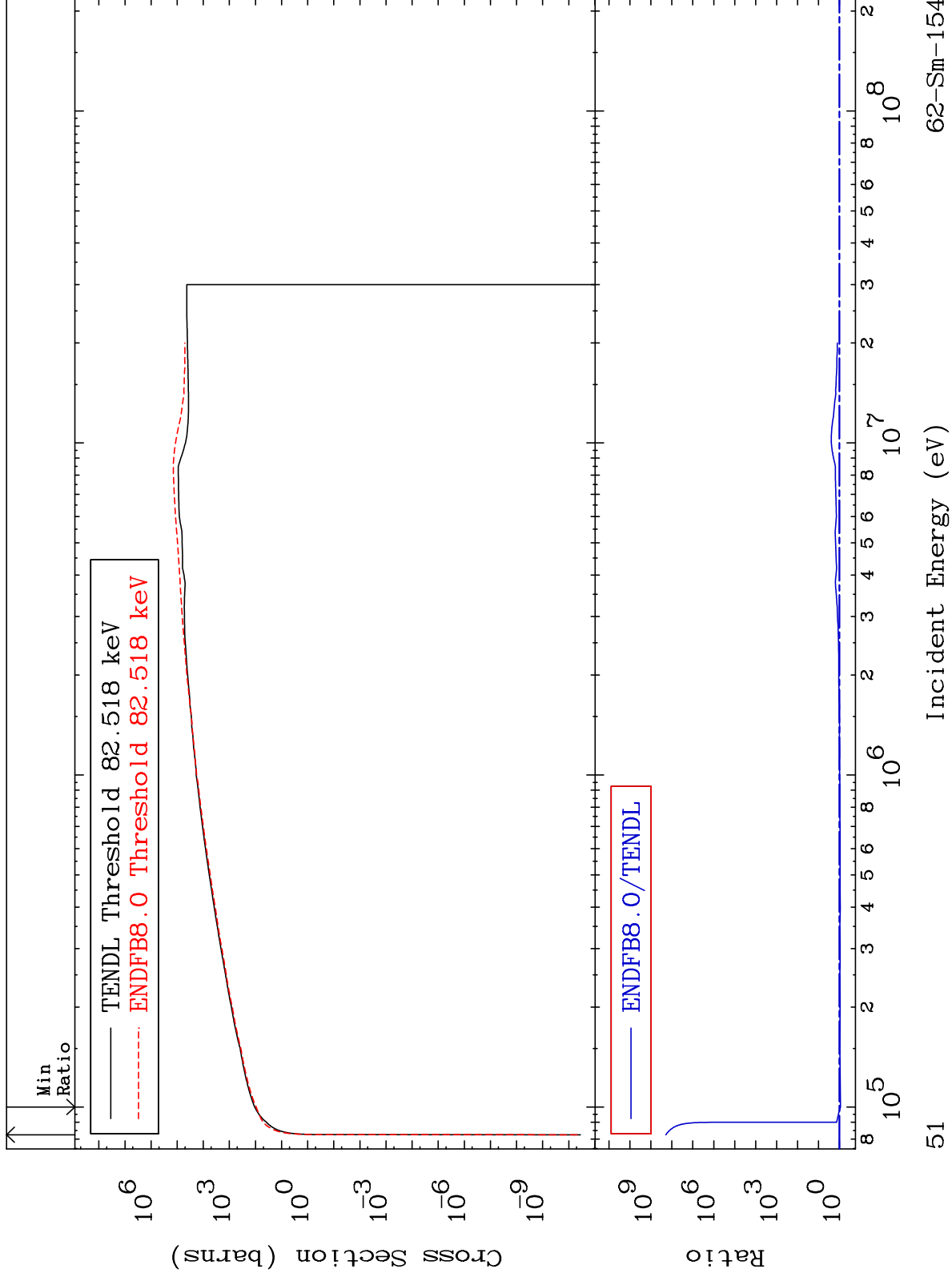
Incident Energy (eV)

62-Sm-154

MAT 6255

Dpa inelastic (mt51-91)
Cross Section

62-Sm-154
-12.38 To 9999. %



MAT 6255

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-154
-99.76 To 9999. %

