

Program Complot
(Version 2018-1)

by

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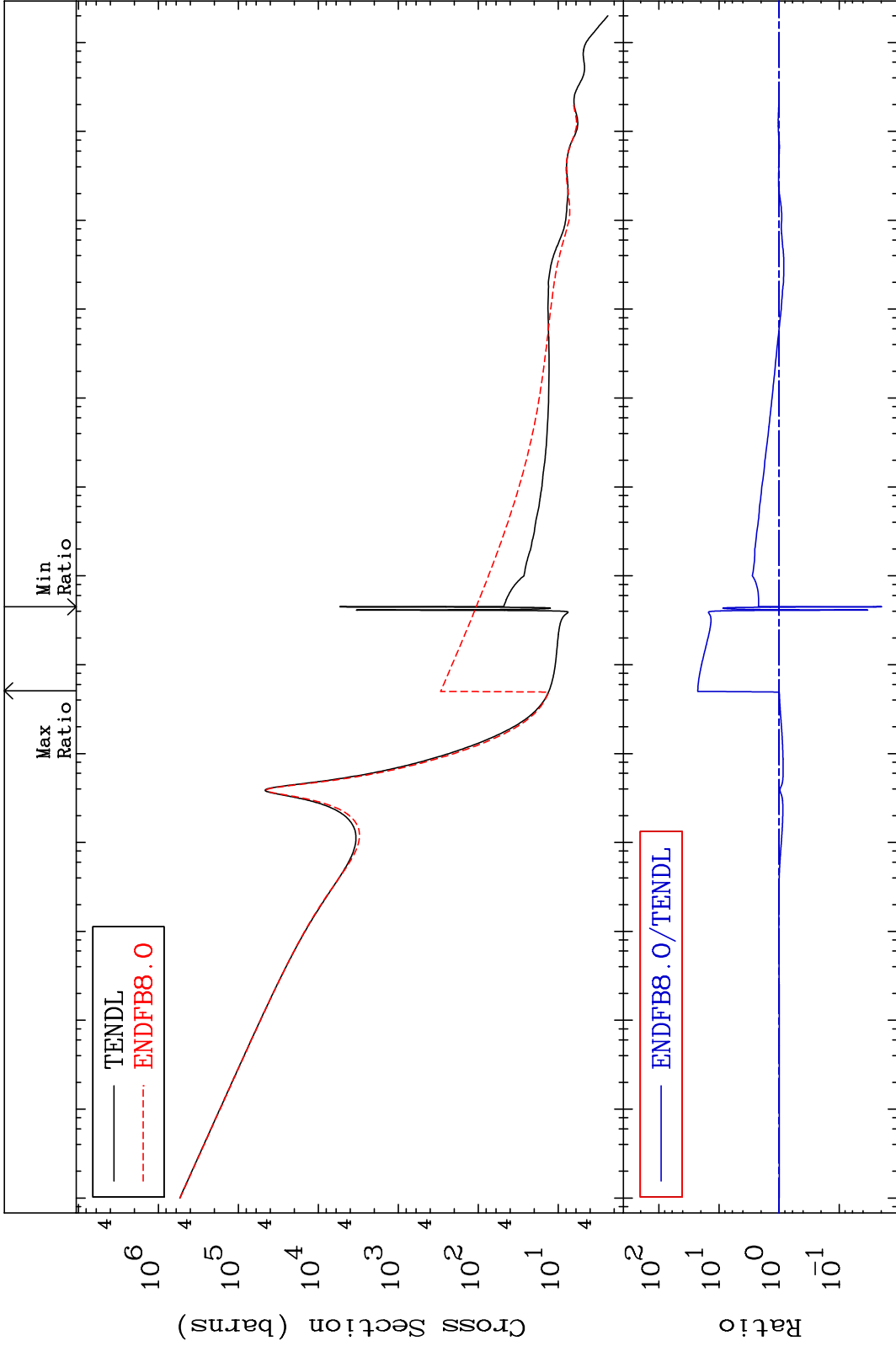
Press Mouse Button to Start

MAT 9858

98-Cf-251

-98.02 To 2150. %

Total
Cross Section



Incident Energy (eV) 98-Cf-251

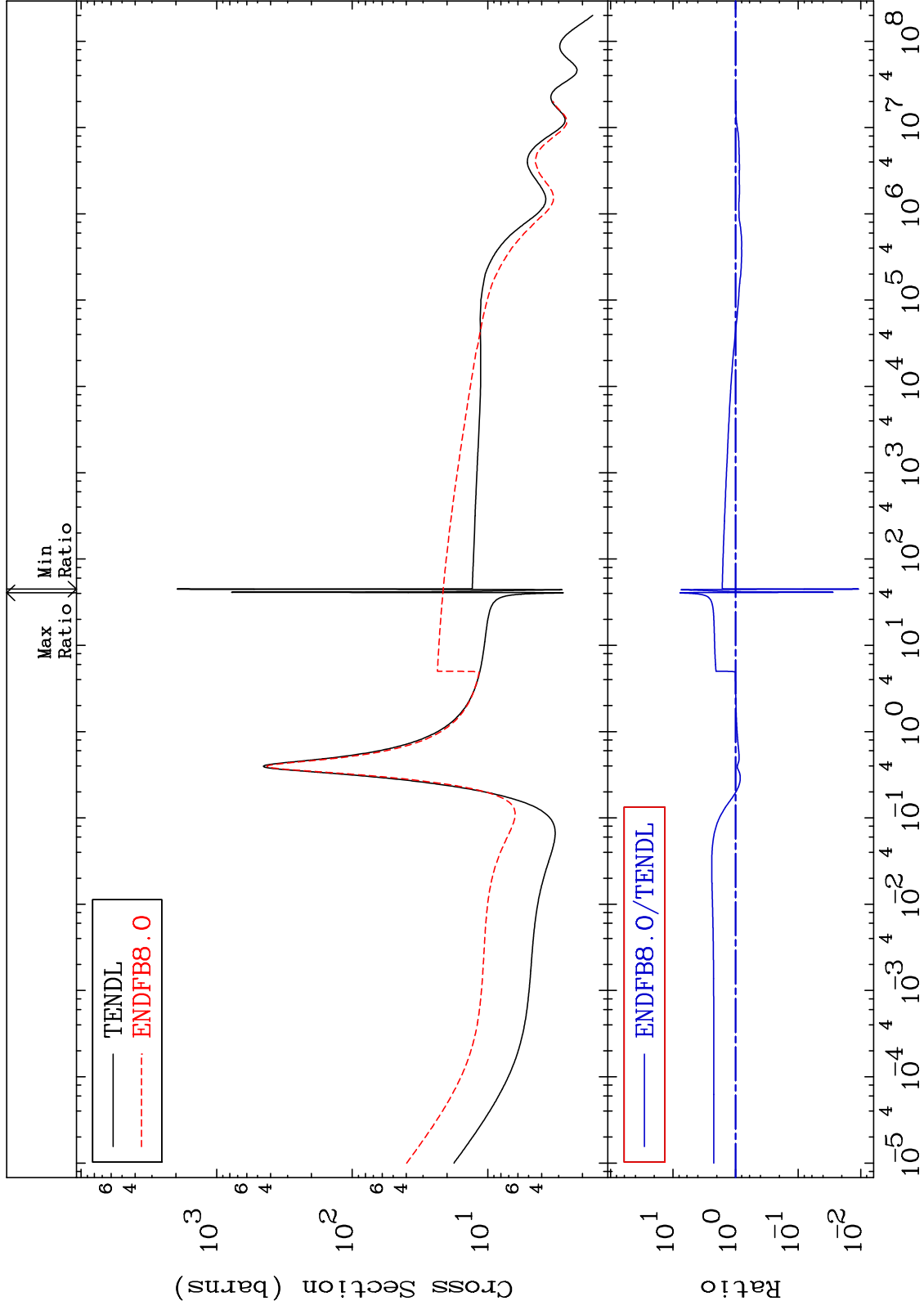
MAT 9858

Elastic

Cross Section

98-Cf-251

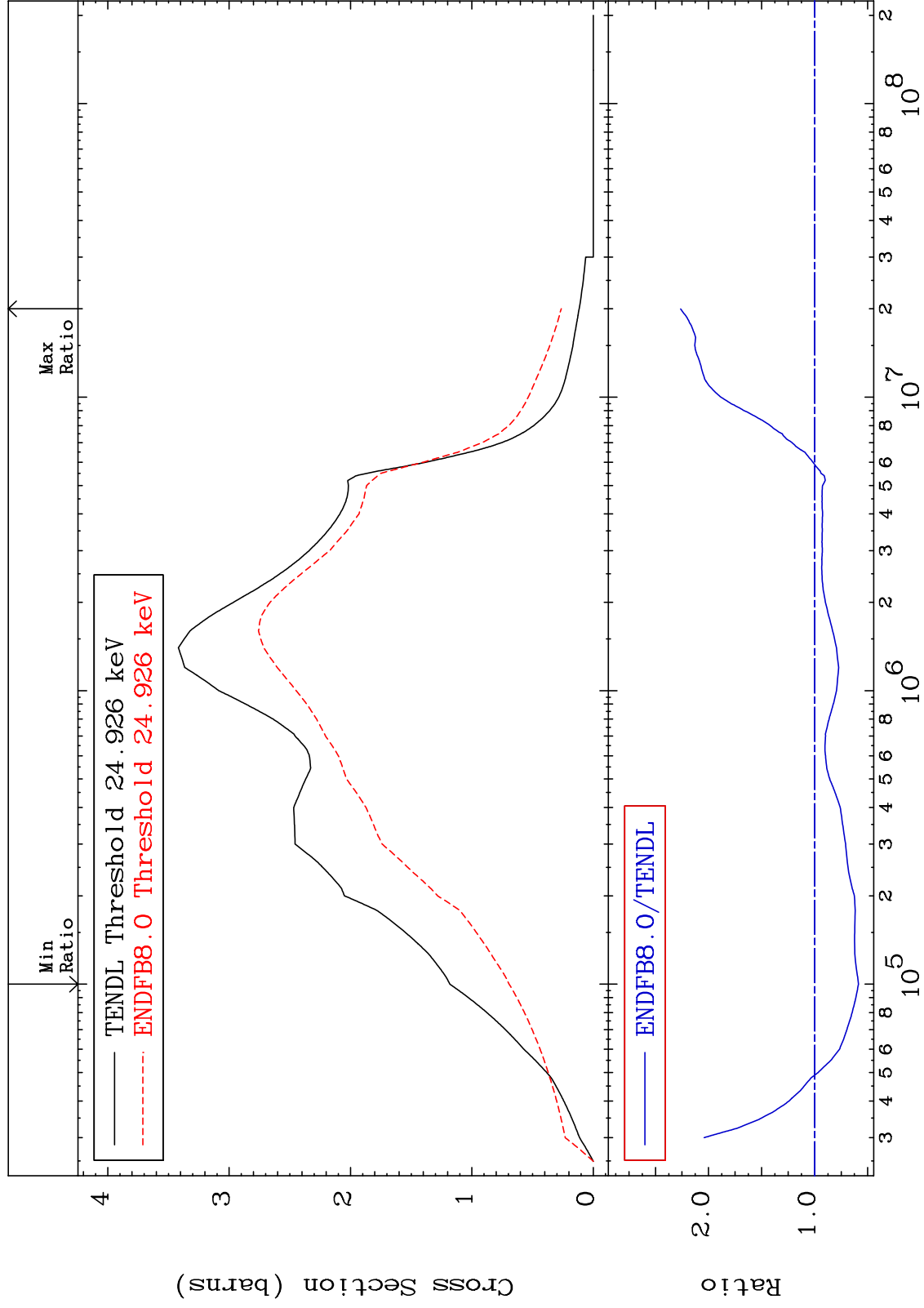
-98.91 To 673.3 %



MAT 9858

Inelastic
Cross Section

98-Cf-251
-41.35 To 126.5 %



3

Incident Energy (eV)

98-Cf-251

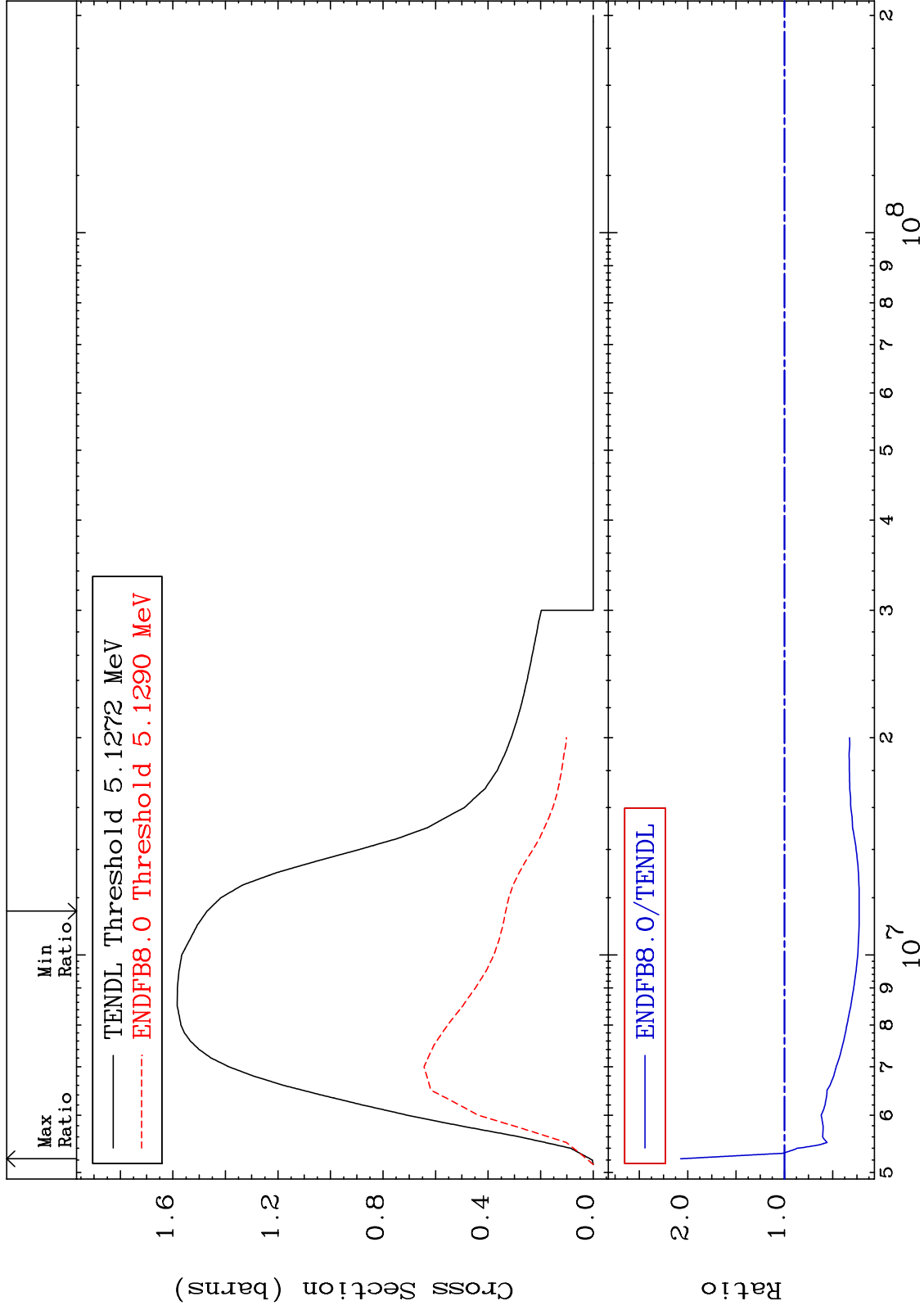
MAT 9858

(n,2n)

98-Cf-251

Cross Section

-77.34 To 107.3 %



4

Incident Energy (eV)

98-Cf-251

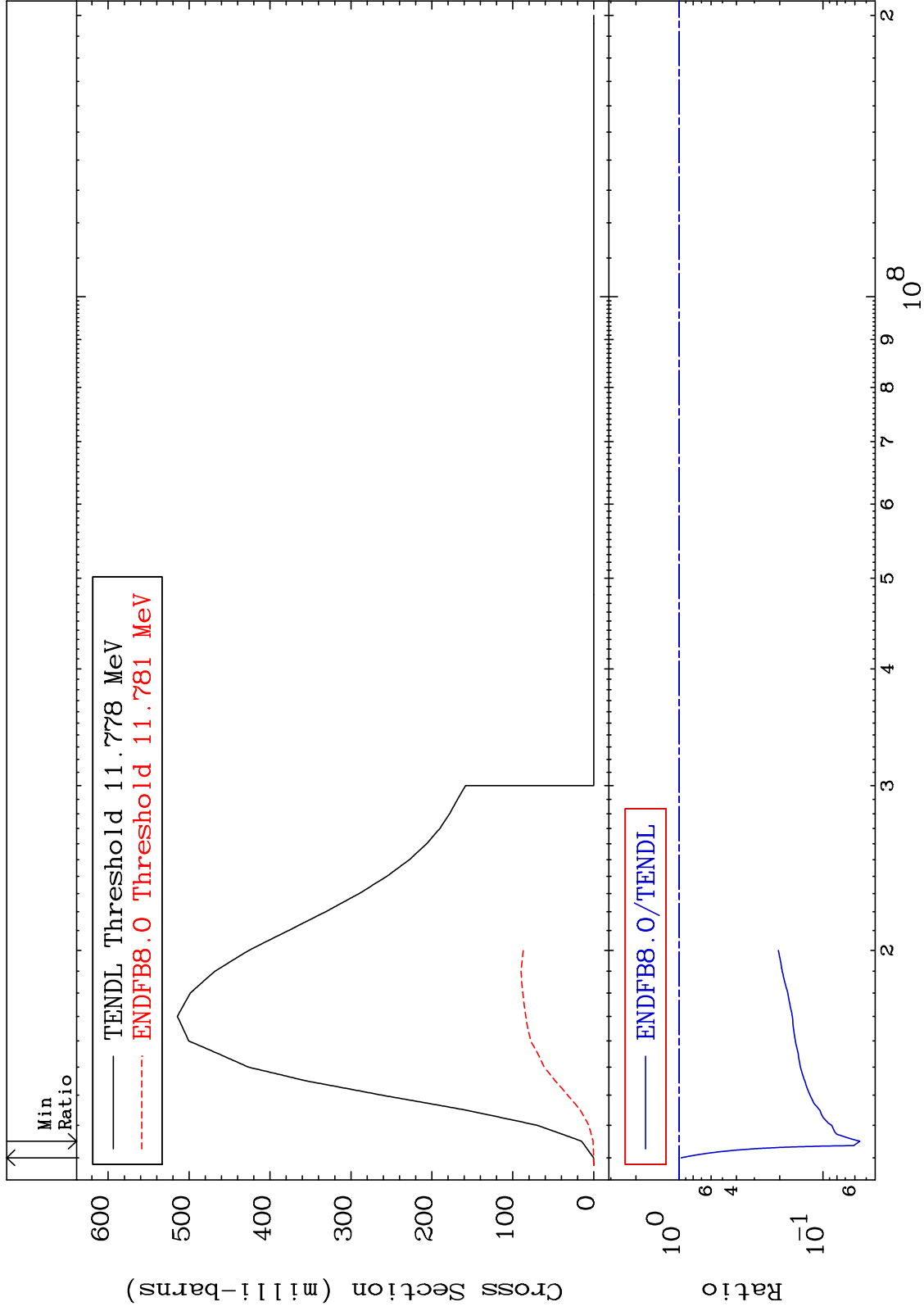
MAT 9858

(n, 3n)

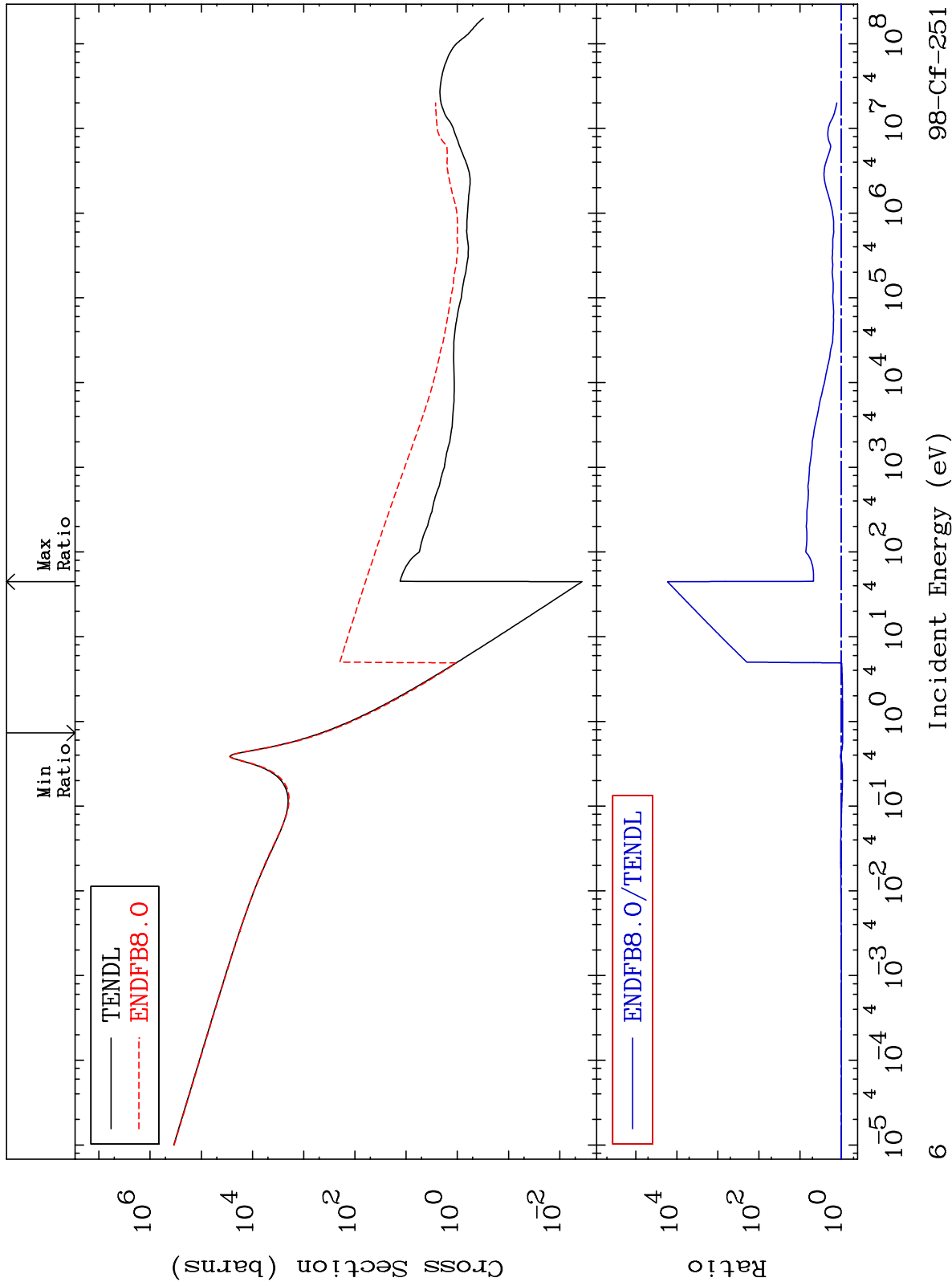
98-Cf-251

Cross Section

-94.47 To -3.083%



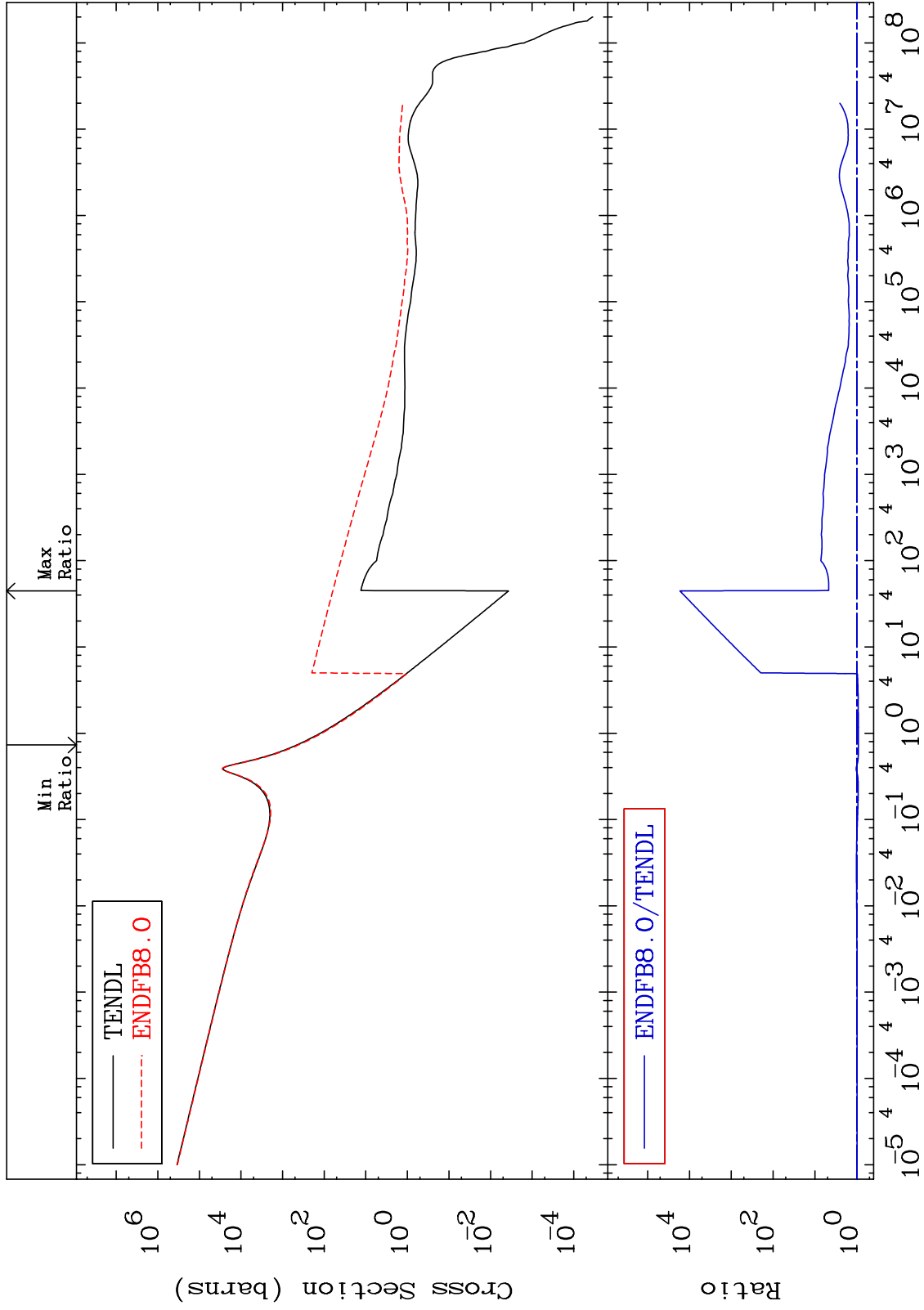
MAT 9858 Fission Cross Section 98-Cf-251
-8.197 To 9999. %



MAT 9858

(n,f) First Chance
Cross Section

98-Cf-251
-8.197 To 9999. %



7

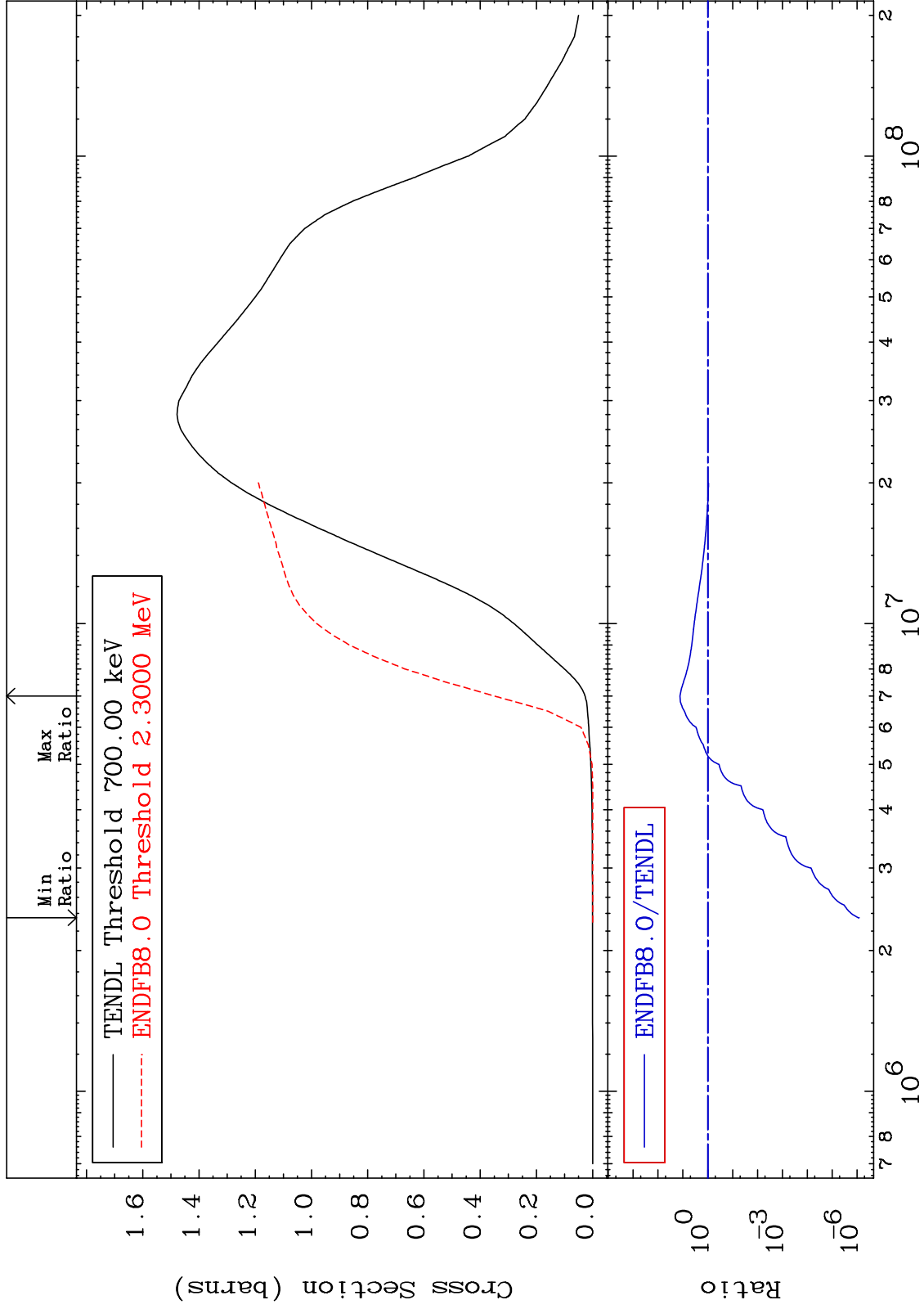
Incident Energy (eV)

98-Cf-251

MAT 9858

(n, nf) Second Chance
Cross Section

98-Cf-251
-100.0 To 1205. %



8

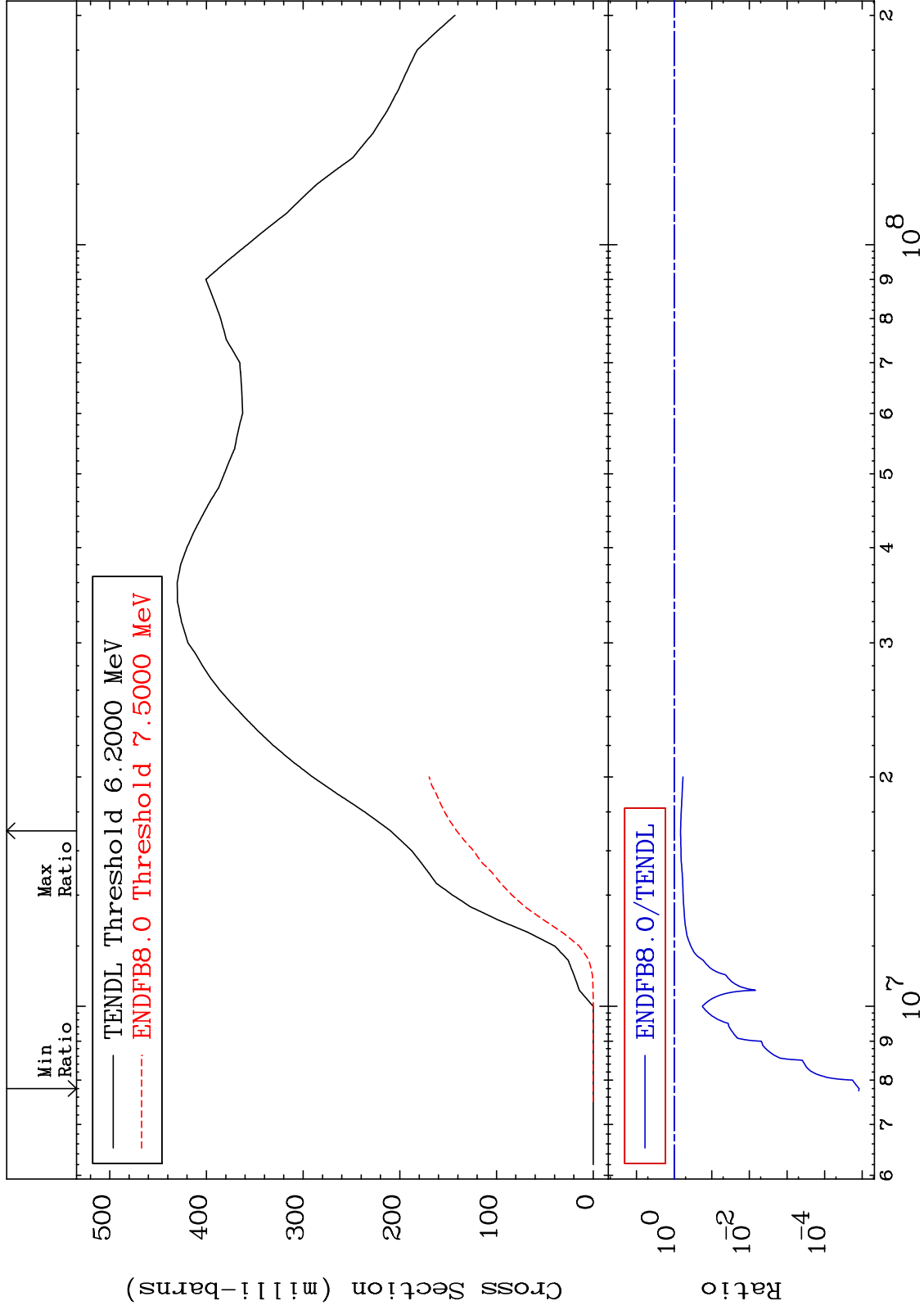
Incident Energy (eV)

98-Cf-251

MAT 9858

(n,2nf) Third Chance
Cross Section

98-Cf-251
-100.0 To -32.65%



9

Incident Energy (eV)

98-Cf-251

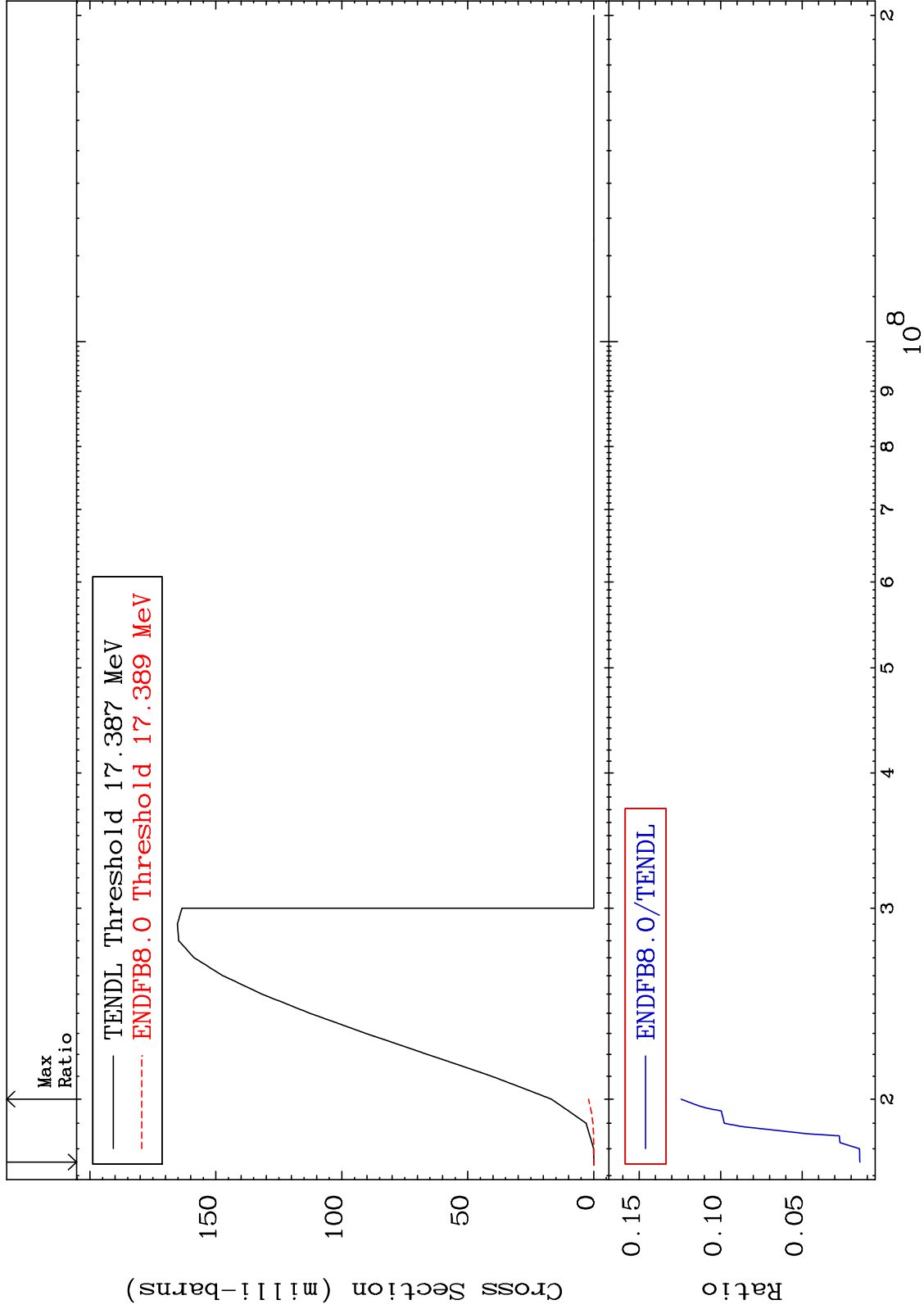
MAT 9858

(n, 4n)

98-Cf-251

Cross Section

-98.54 To -87.58%



10

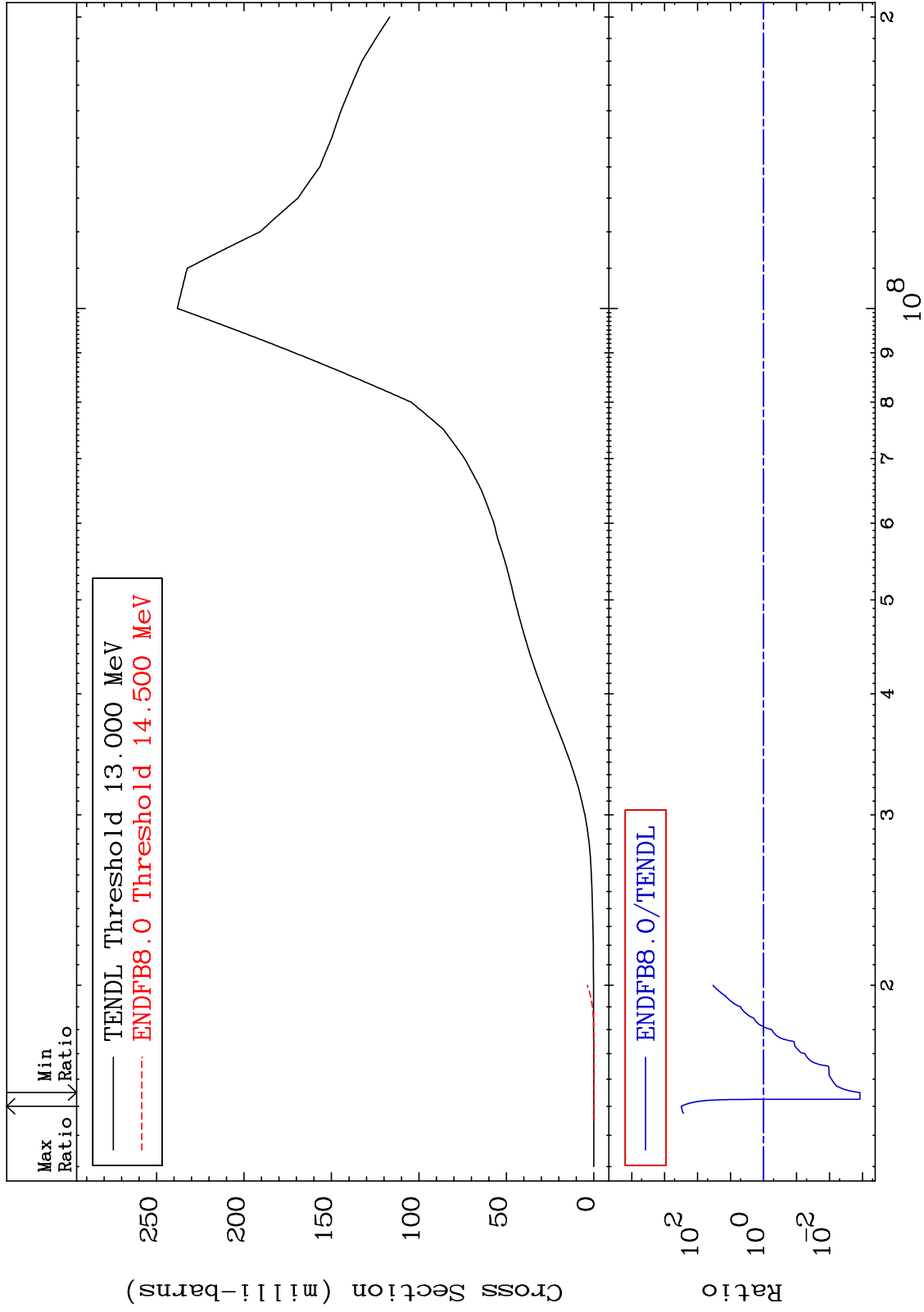
Incident Energy (eV)

98-Cf-251

MAT 9858

(n,3nf) Fourth Chance
Cross Section

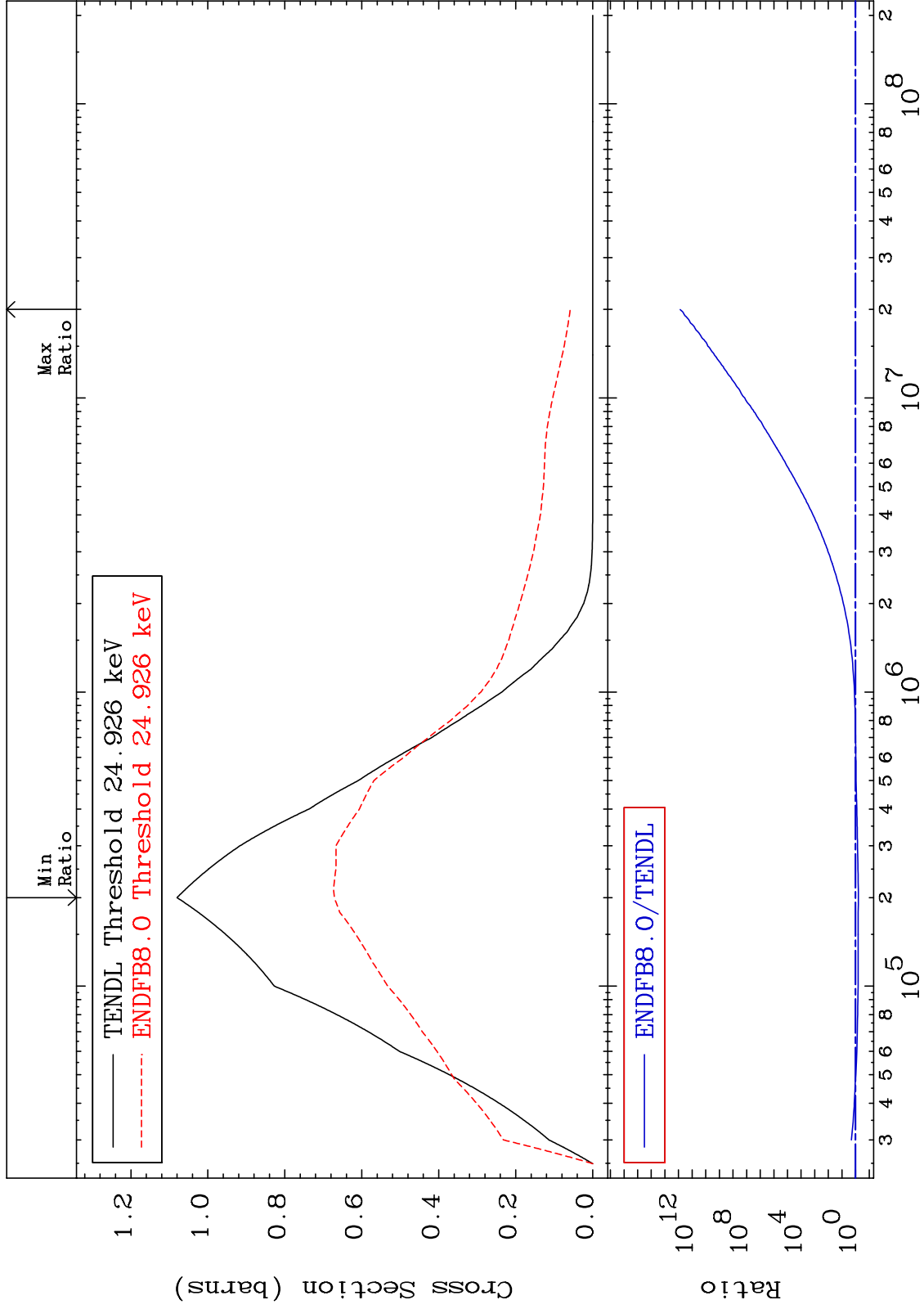
98-Cf-251
-99.88 To 9999. %



MAT 9858

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

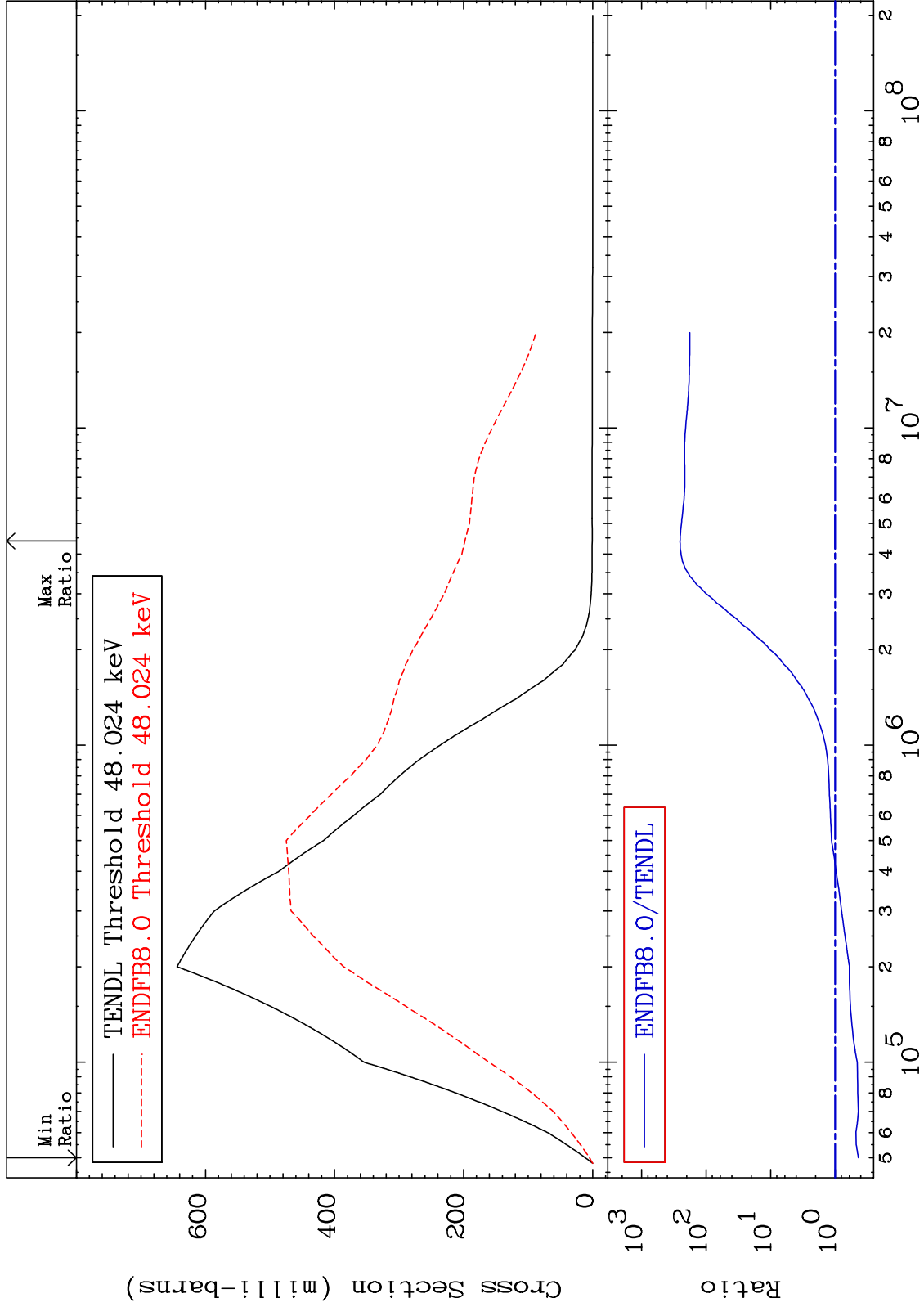
98-Cf-251
-37.84 To 9999. %



MAT 9858

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

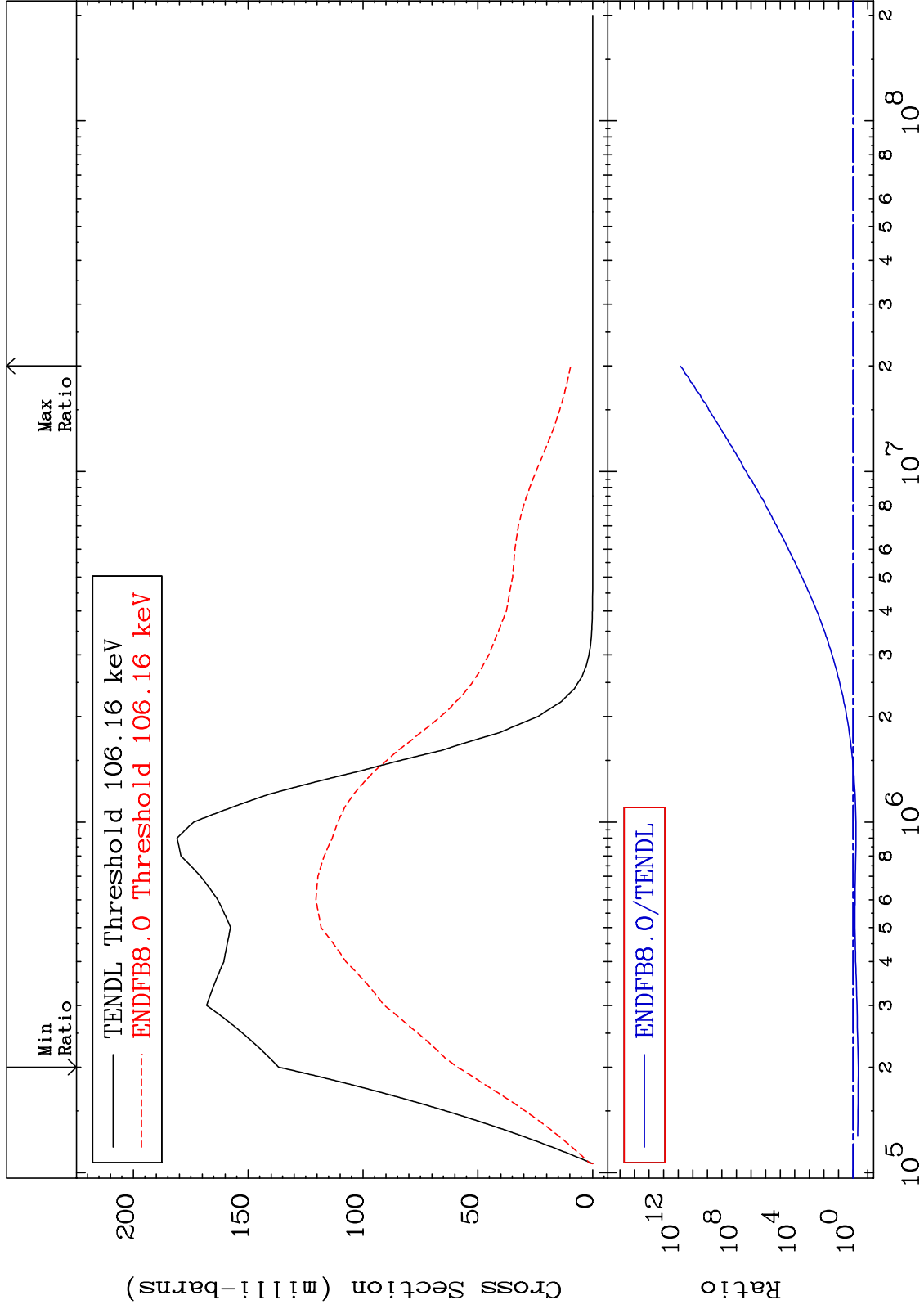
98-Cf-251
-56.42 To 9999. %



MAT 9858

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

98-Cf-251
-56.87 To 9999. %



14

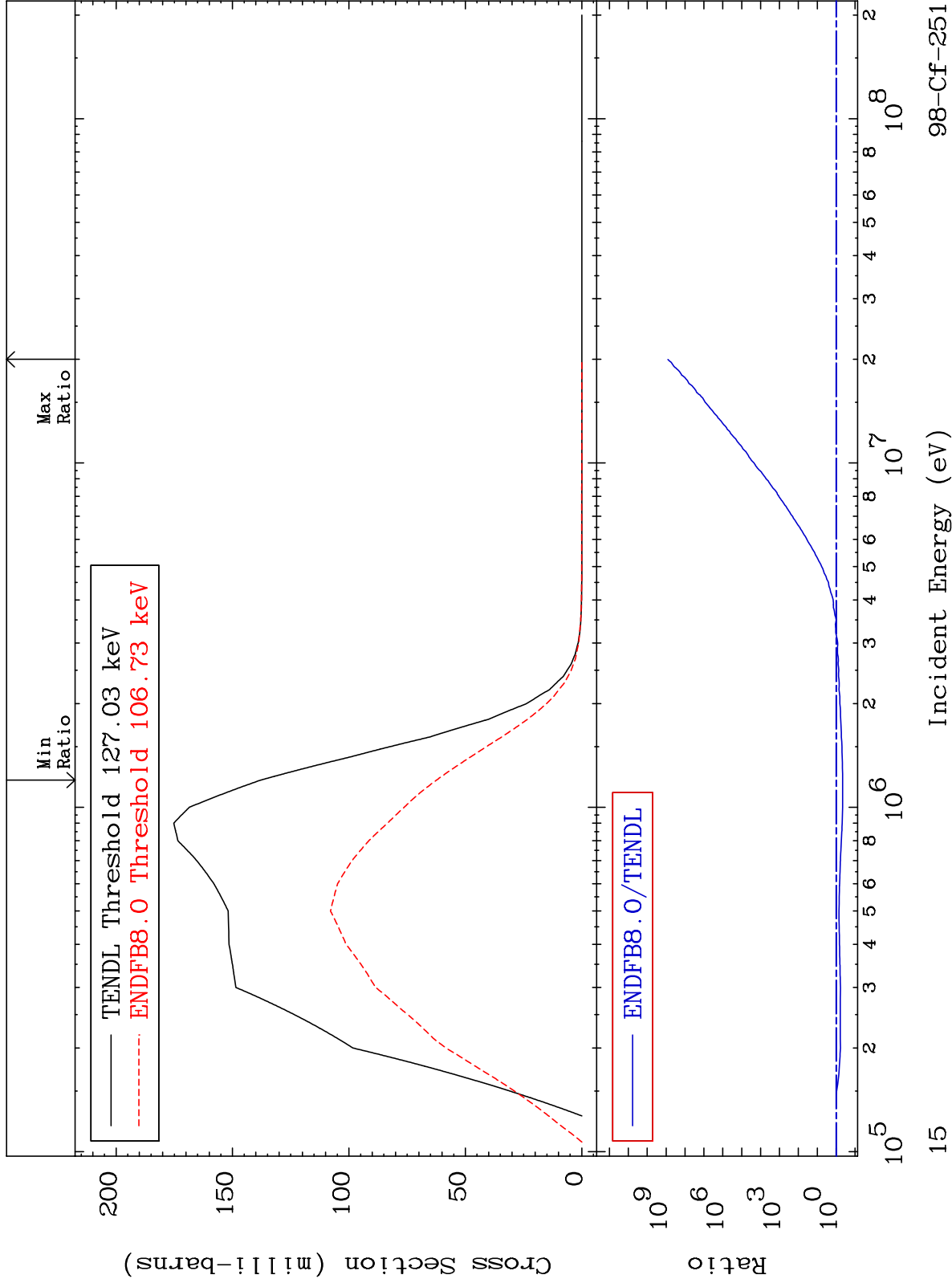
Incident Energy (eV)

98-Cf-251

MAT 9858

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

98-Cf-251
-54.75 To 9999. %



98-Cf-251

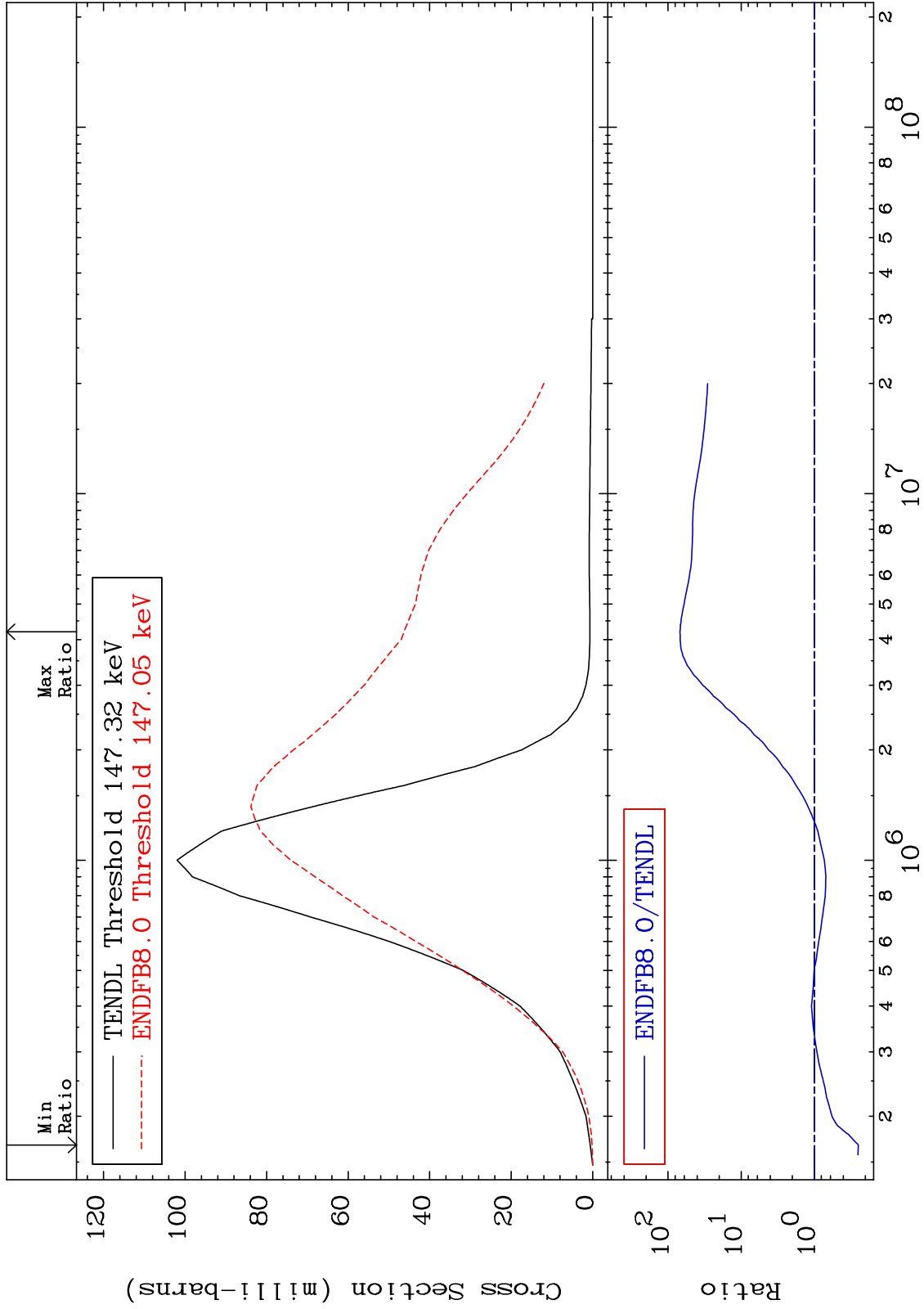
Incident Energy (eV)

15

MAT 9858

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

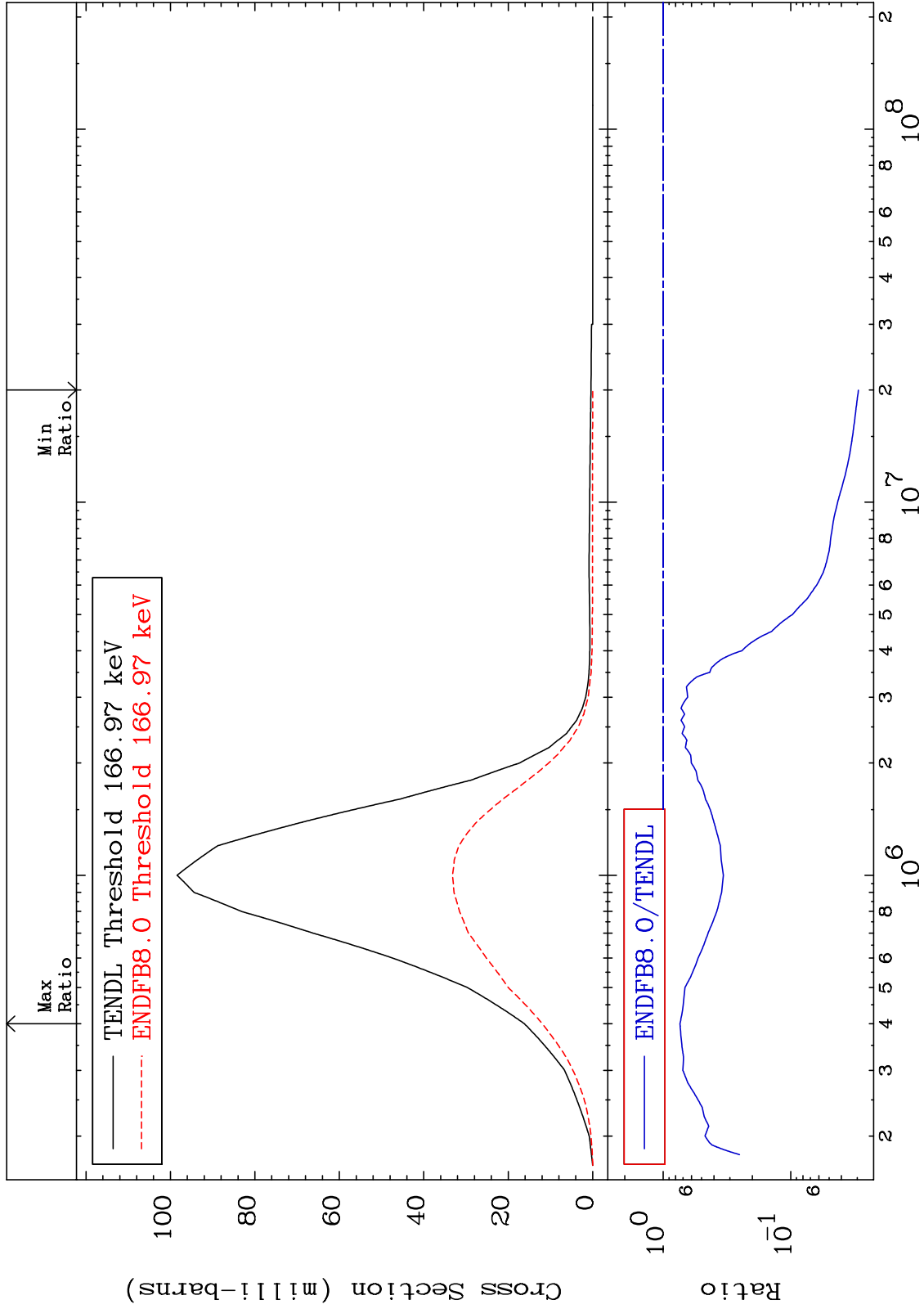
98-Cf-251
-75.09 To 6761. %



MAT 9858

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

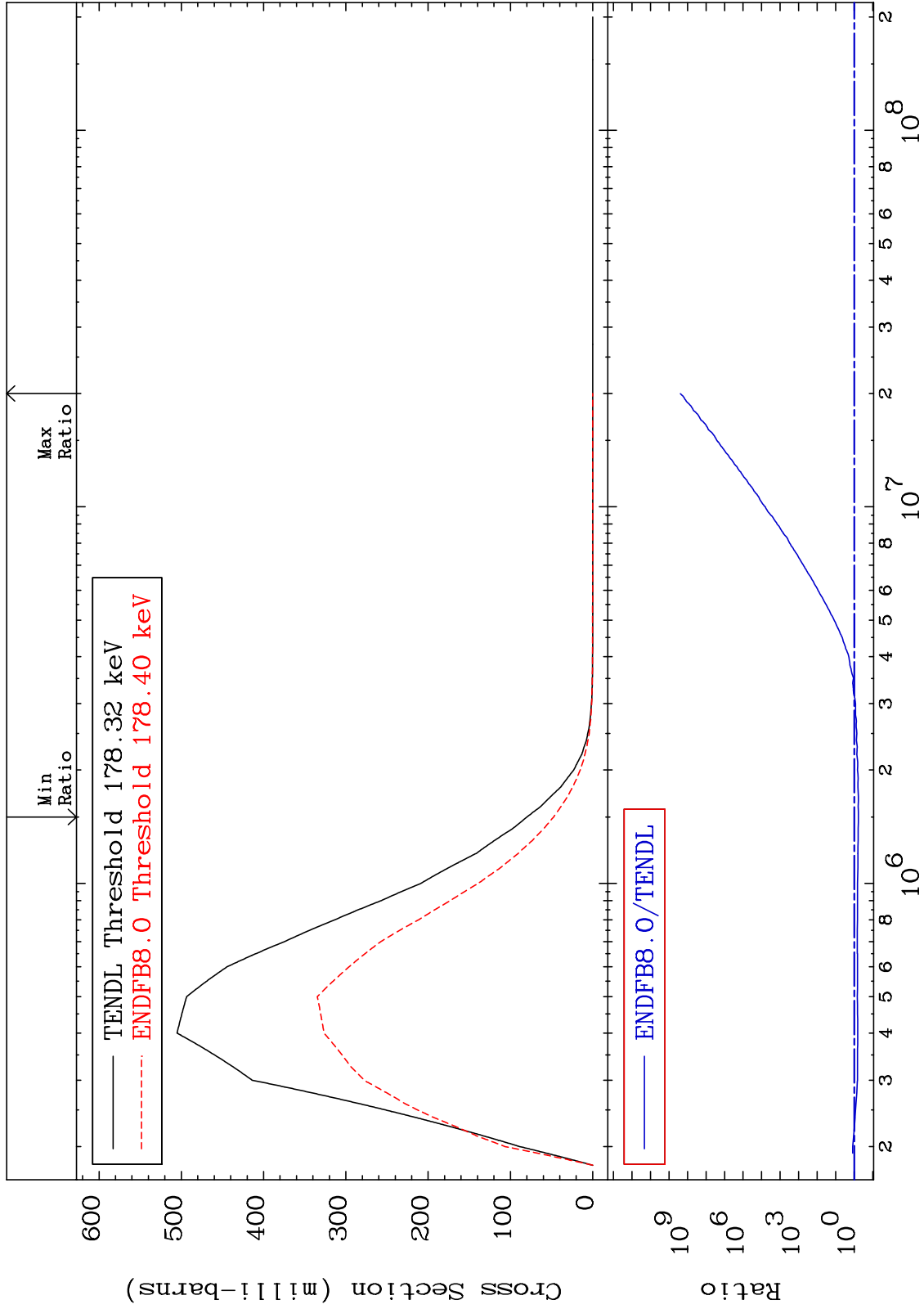
98-Cf-251
-97.06 To -26.26%



MAT 9858

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

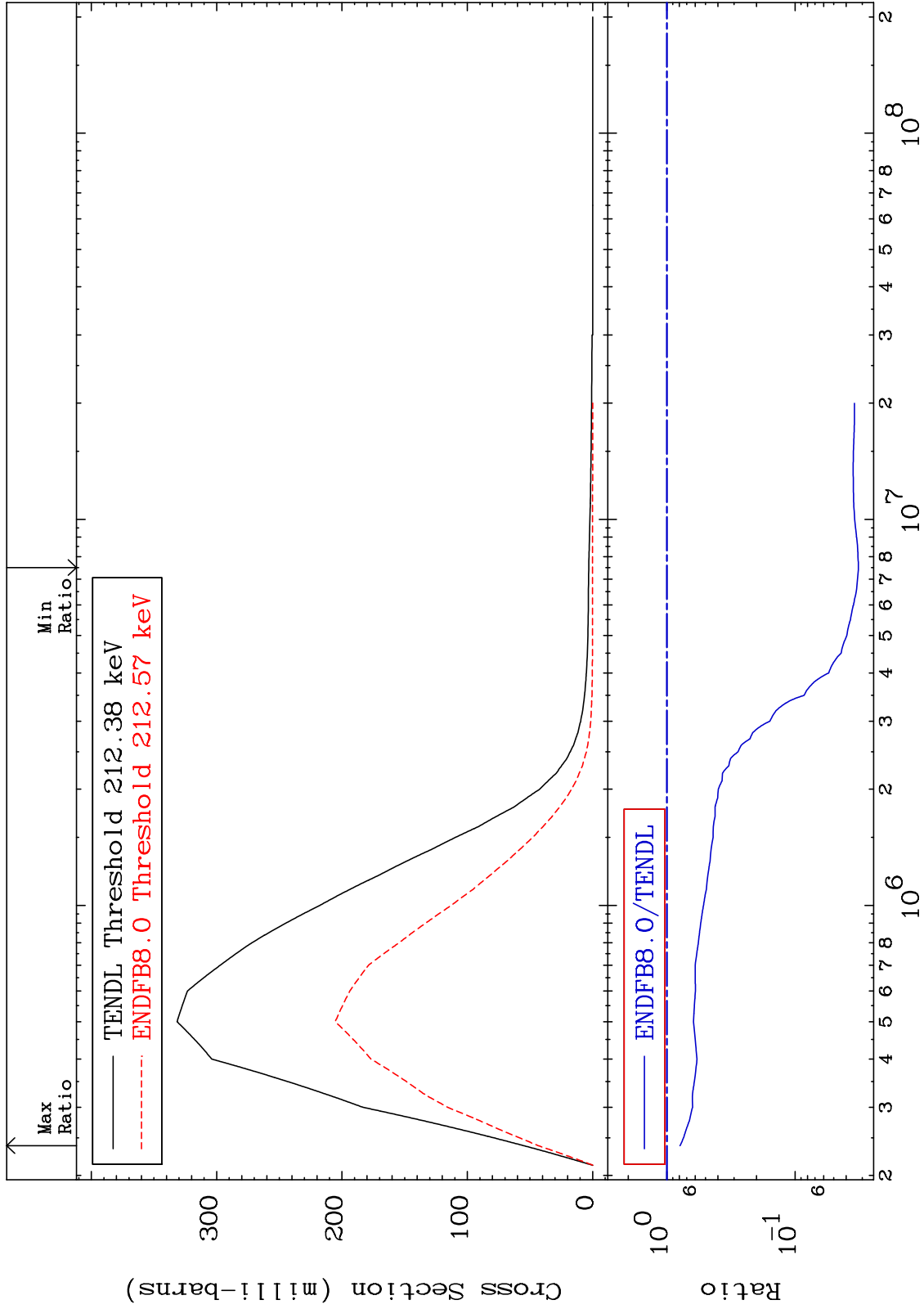
98-Cf-251
-40.51 To 9999. %



MAT 9858

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

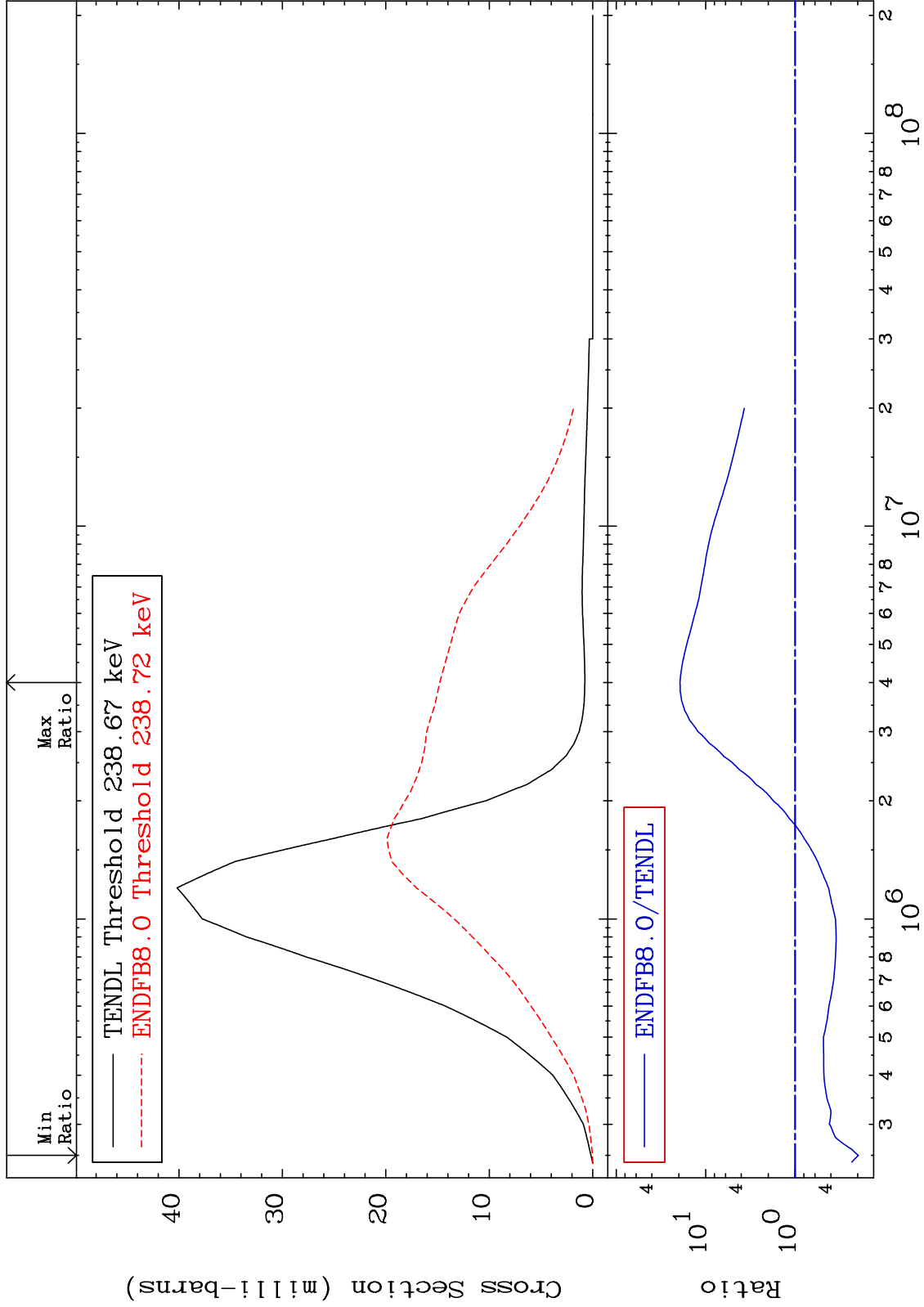
98-Cf-251
-96.79 To -21.03%



MAT 9858

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

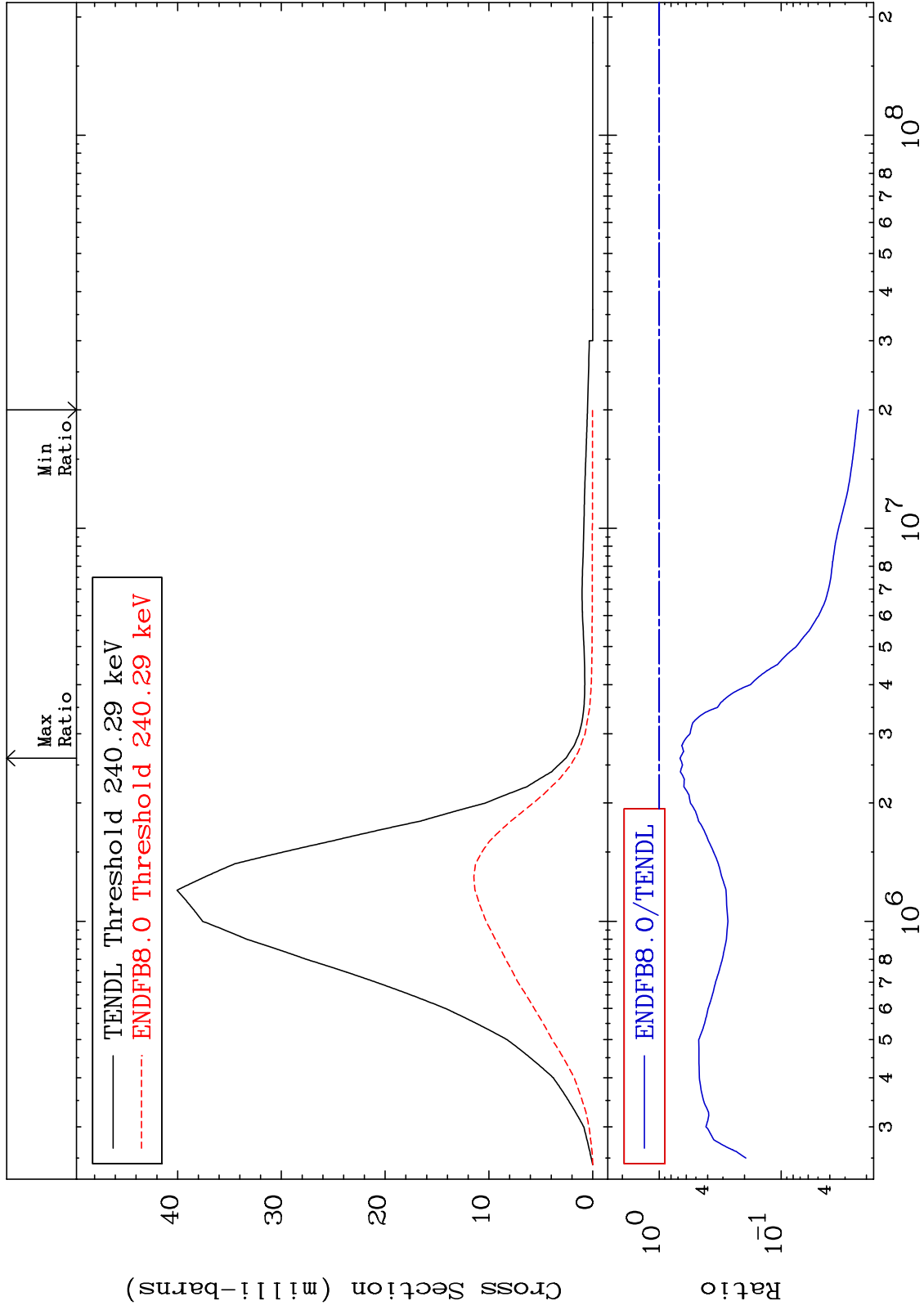
98-Cf-251
-80.35 To 1838. %



MAT 9858

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

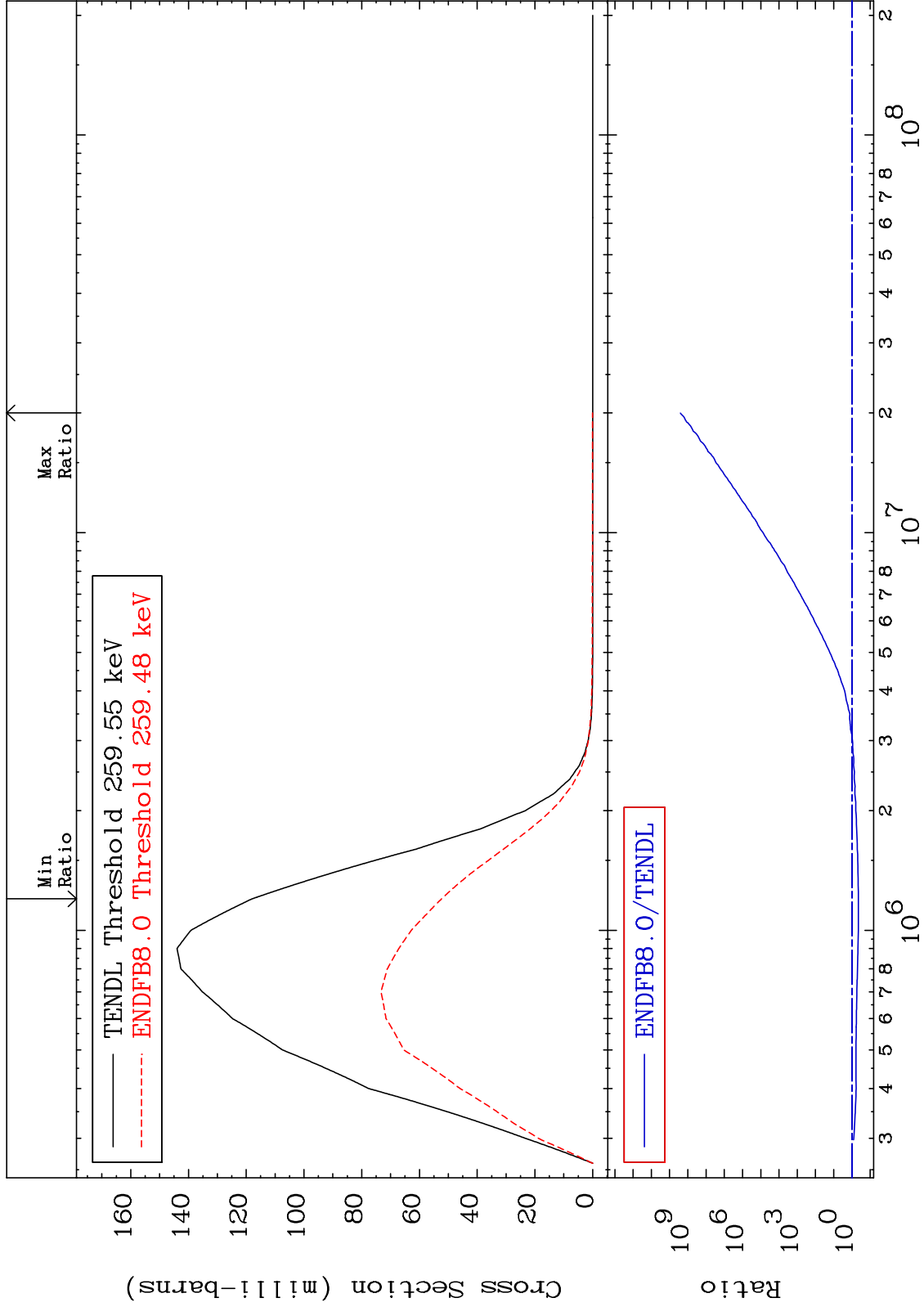
98-Cf-251
-97.67 To -32.54%



MAT 9858

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

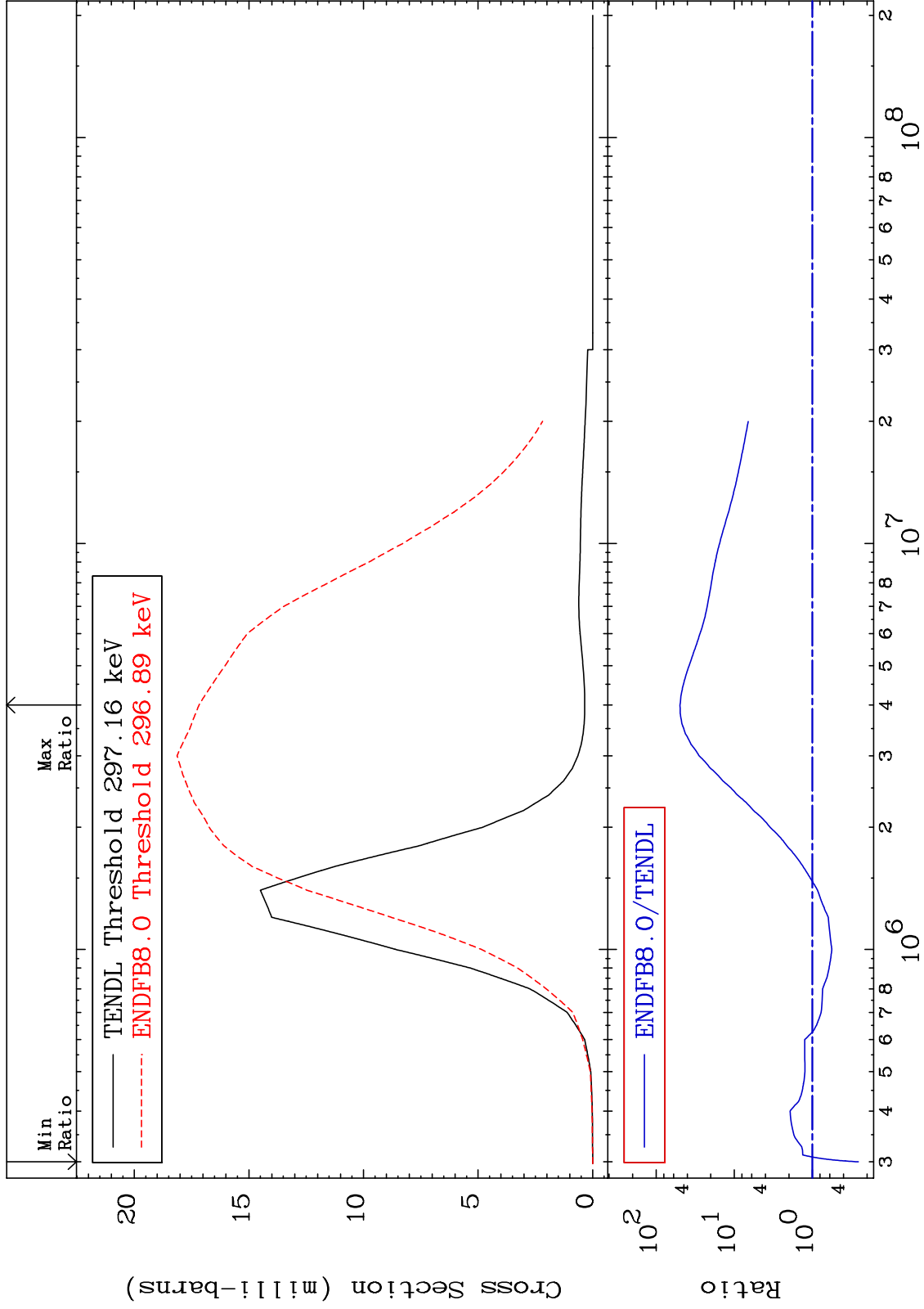
98-Cf-251
-55.62 To 9999. %



MAT 9858

MT= 62 (n,n') Level
Cross Section

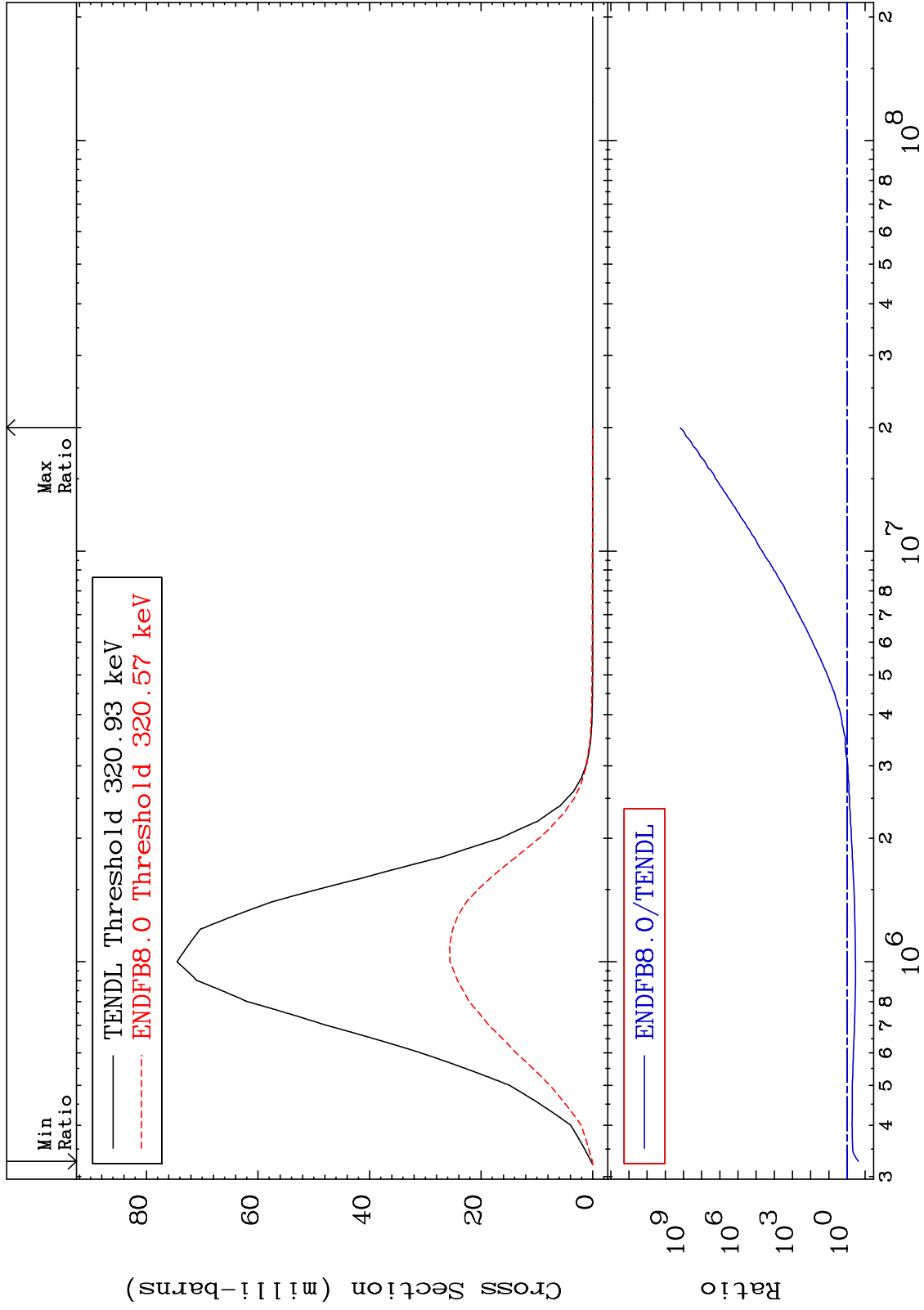
98-Cf-251
-74.20 To 4856. %



MAT 9858

MT= 63 (n,n') Level
Cross Section

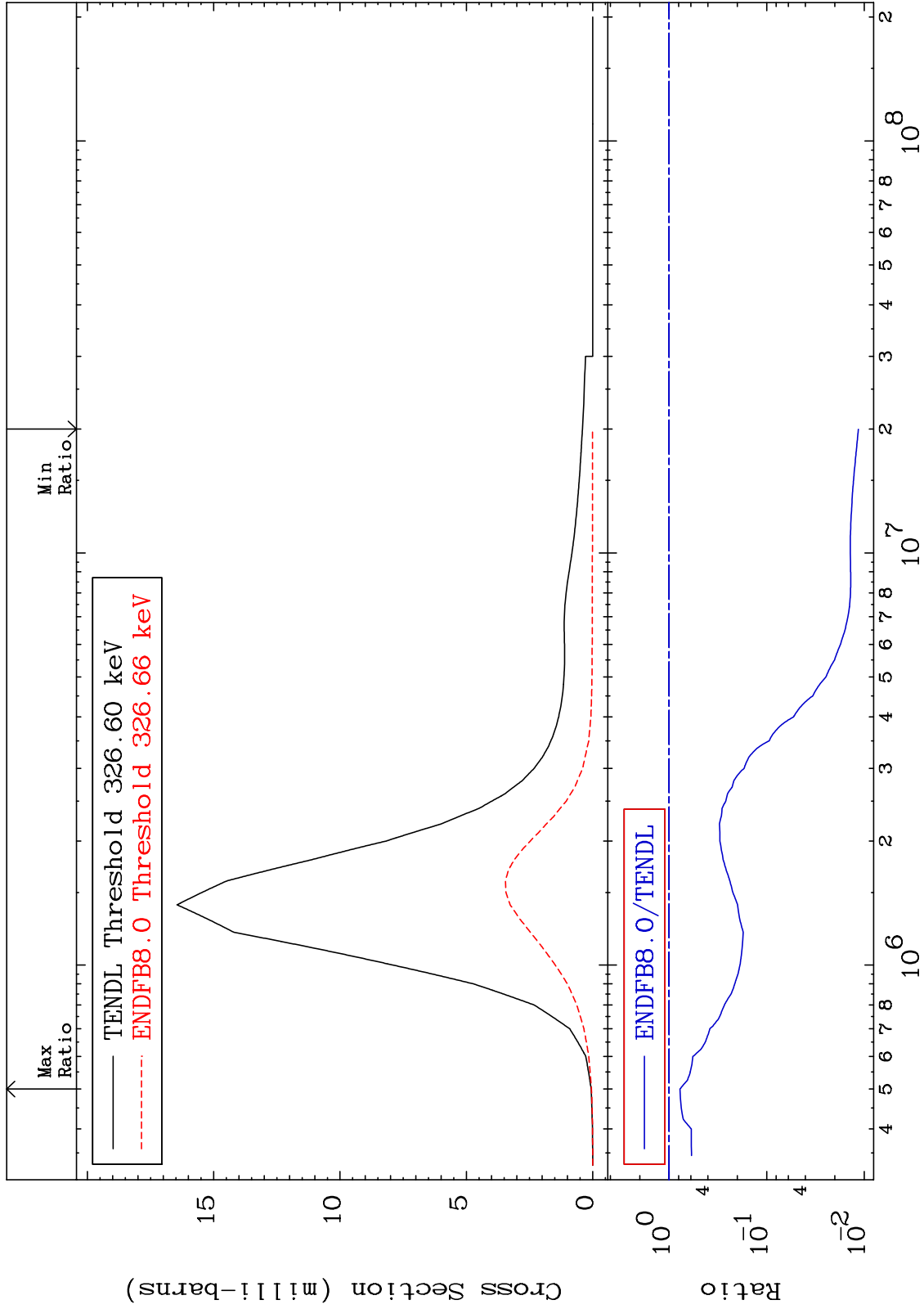
98-Cf-251
-76.35 To 9999. %



MAT 9858

MT= 64 (n,n') Level
Cross Section

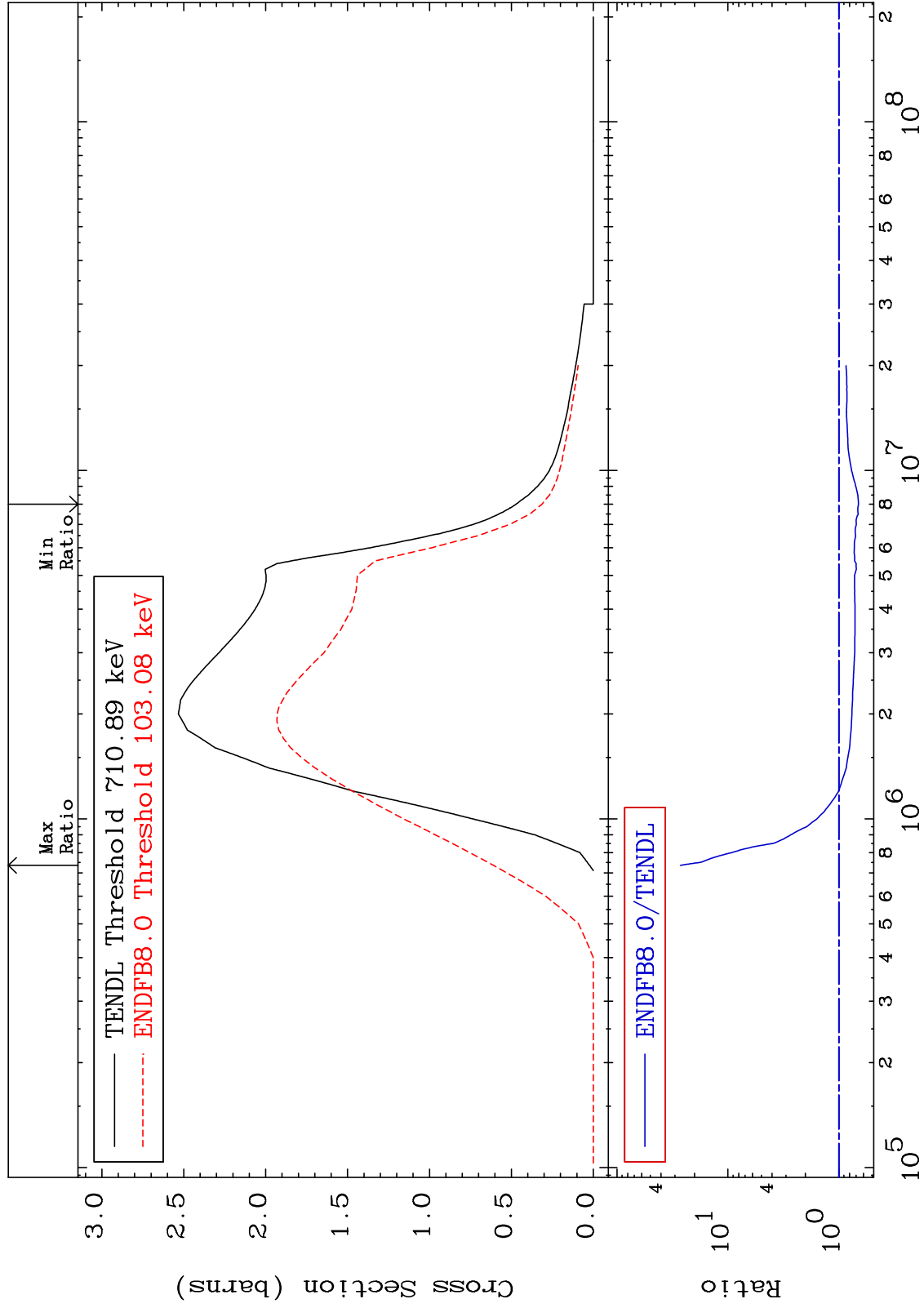
98-Cf-251
-98.85 To -22.67%



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(n,n') Continuum
Cross Section

98-Cf-251
-33.54 To 2577. %



26

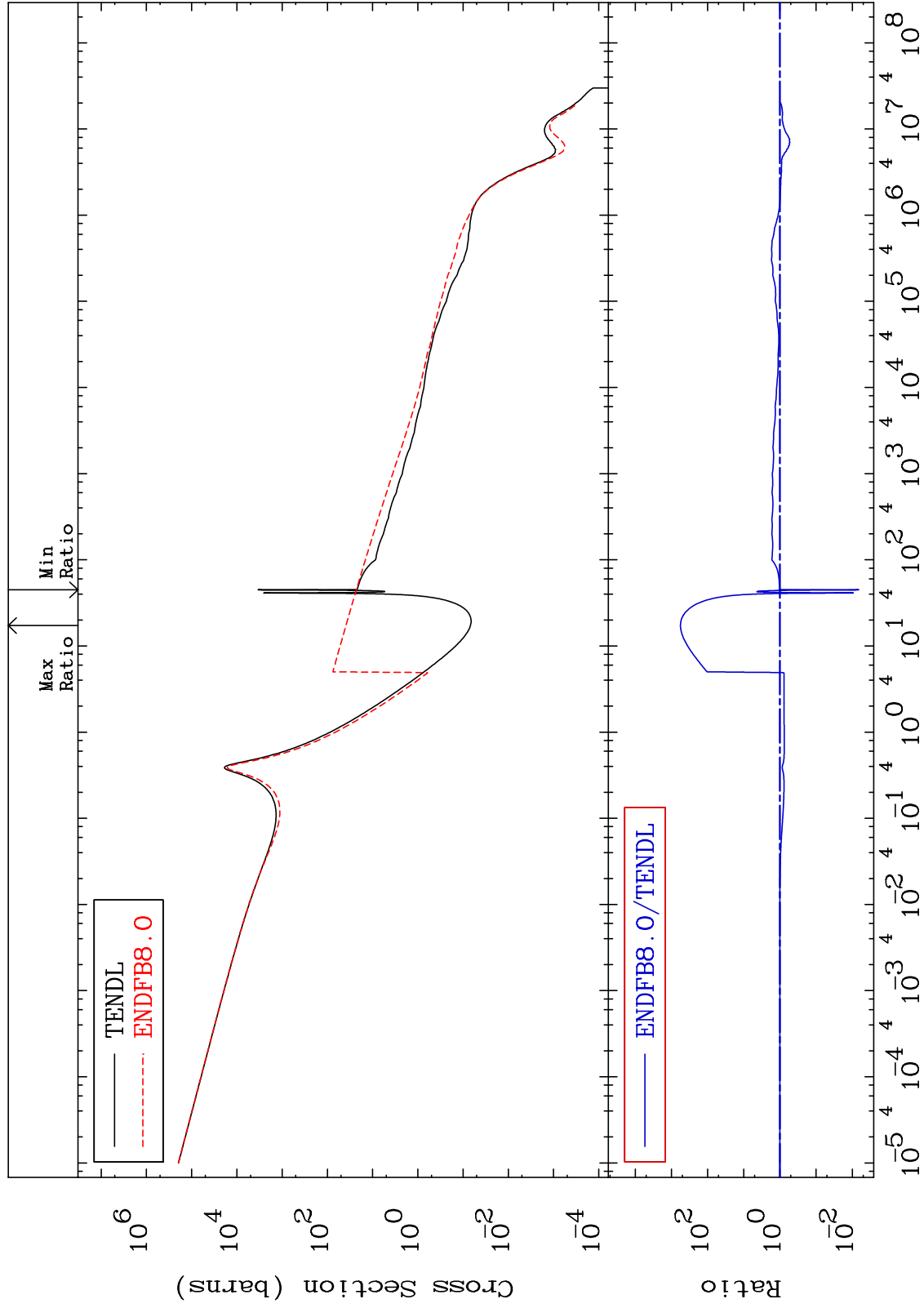
Incident Energy (eV)

98-Cf-251

MAT 9858

(n, γ)
Cross Section

98-Cf-251
-99.33 To 9999. %



27

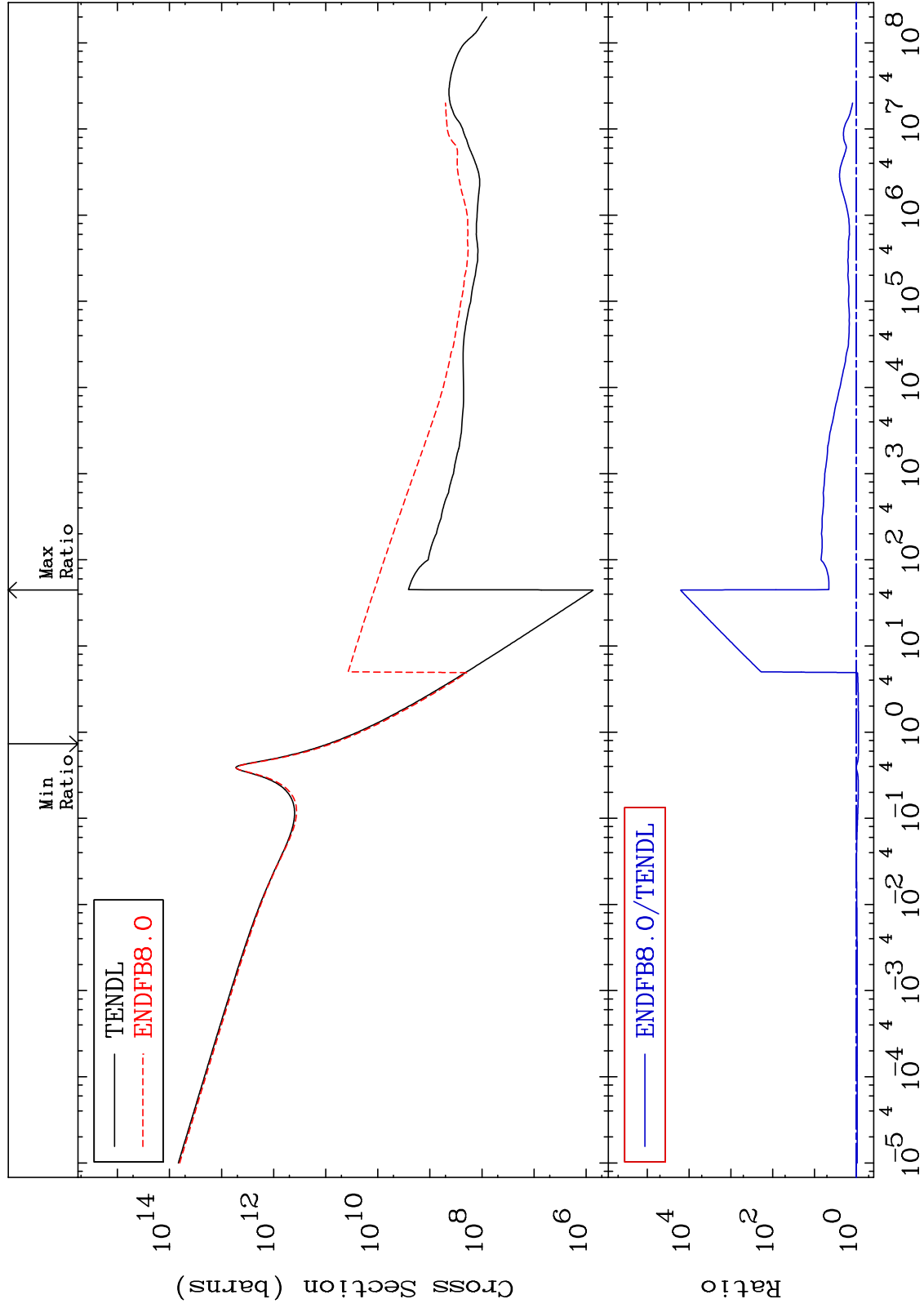
Incident Energy (eV)

98-Cf-251

MAT 9858

Kerma total (eV-barns)
Cross Section

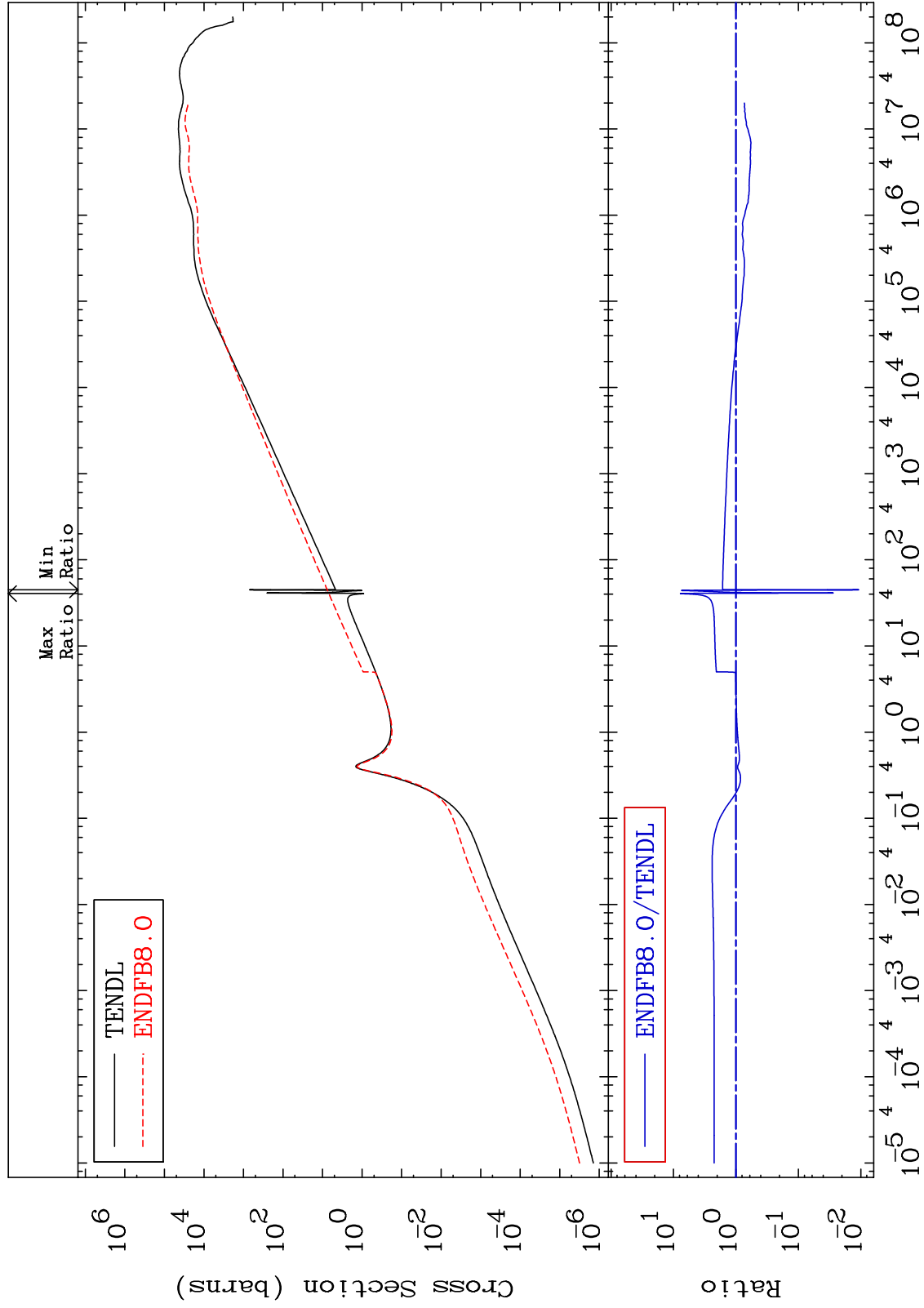
98-Cf-251
-12.02 To 9999. %



MAT 9858

Kerma elastic
Cross Section

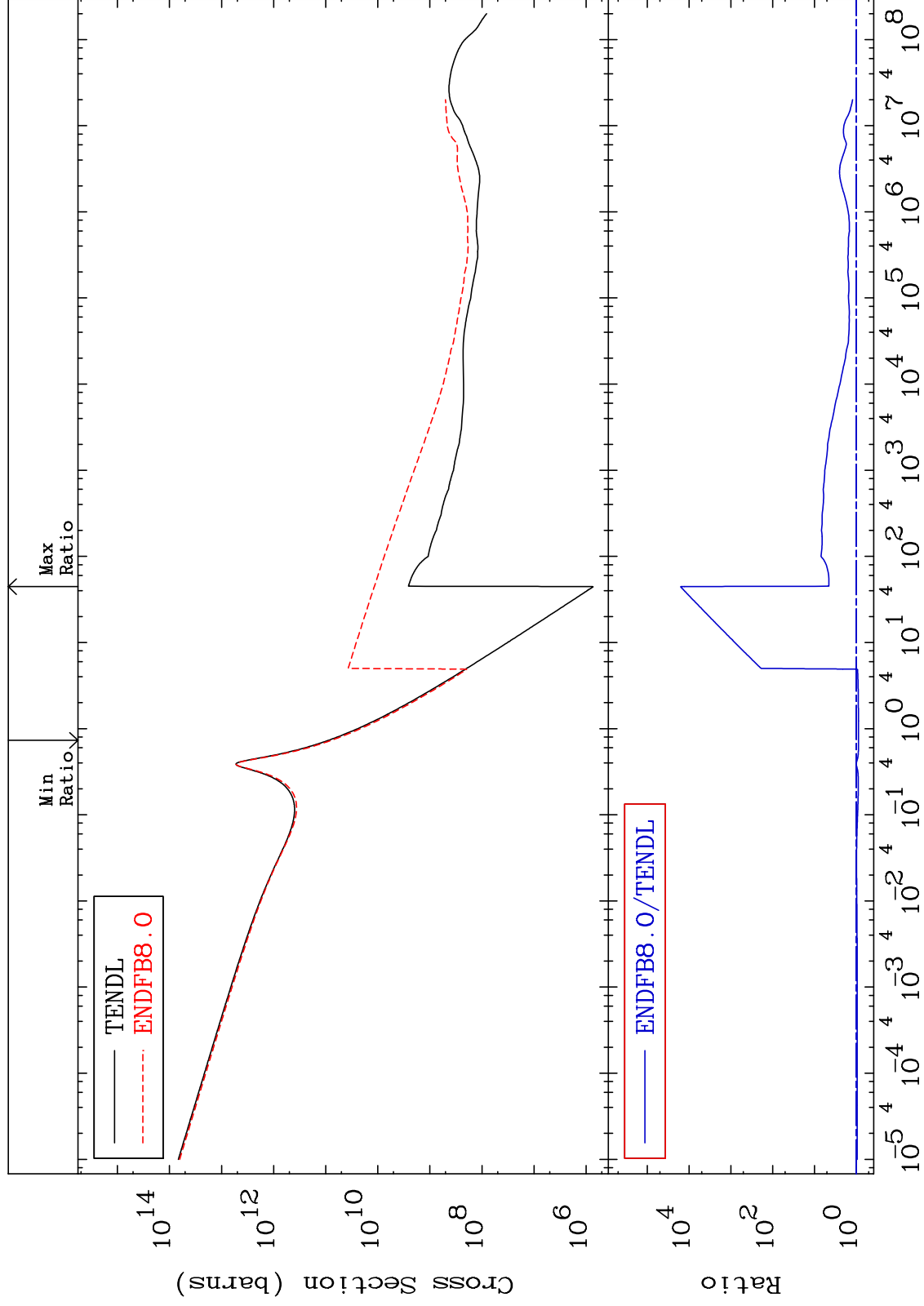
98-Cf-251
-98.91 To 673.3 %



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Kerma non-elastic (all but mt2)
Cross Section

98-Cf-251
-12.02 To 9999. %



30

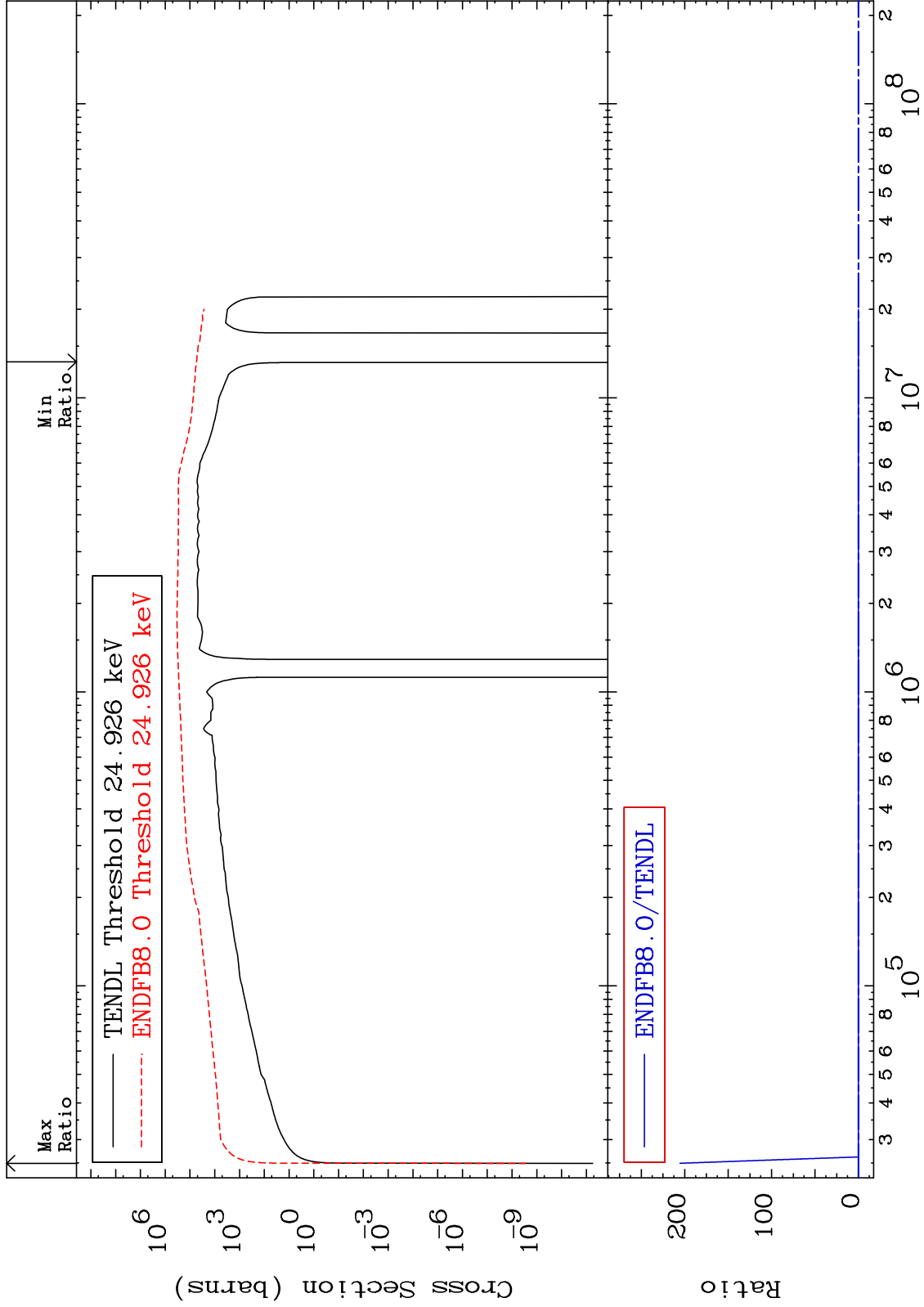
Incident Energy (eV)

98-Cf-251

MAT 9858

Kerma inelastic (mt51-91)
Cross Section

98-Cf-251
-9999. To 9999. %



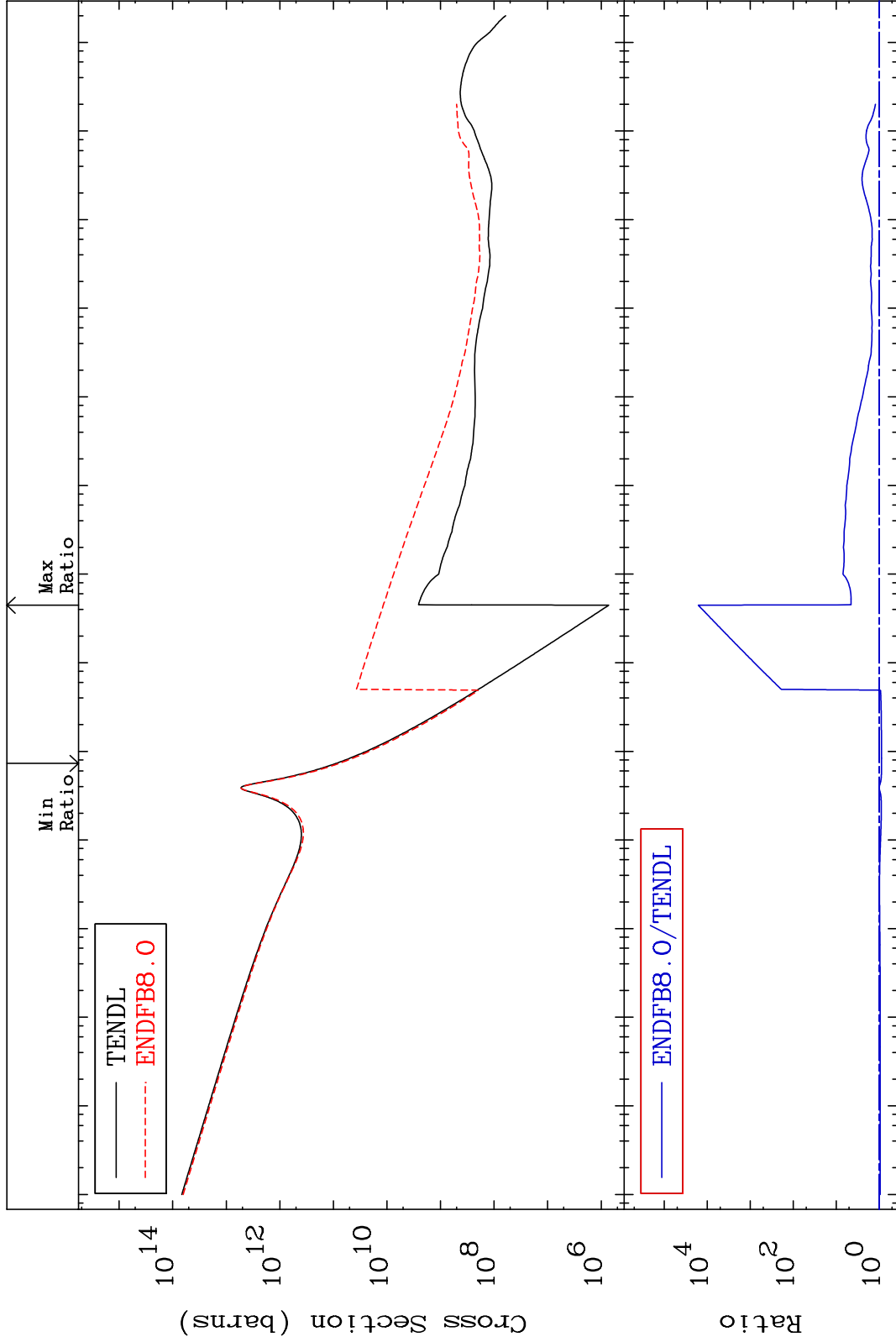
MAT 9858

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

98-Cf-251

-12.02 To 9999. %

Cross Section



32

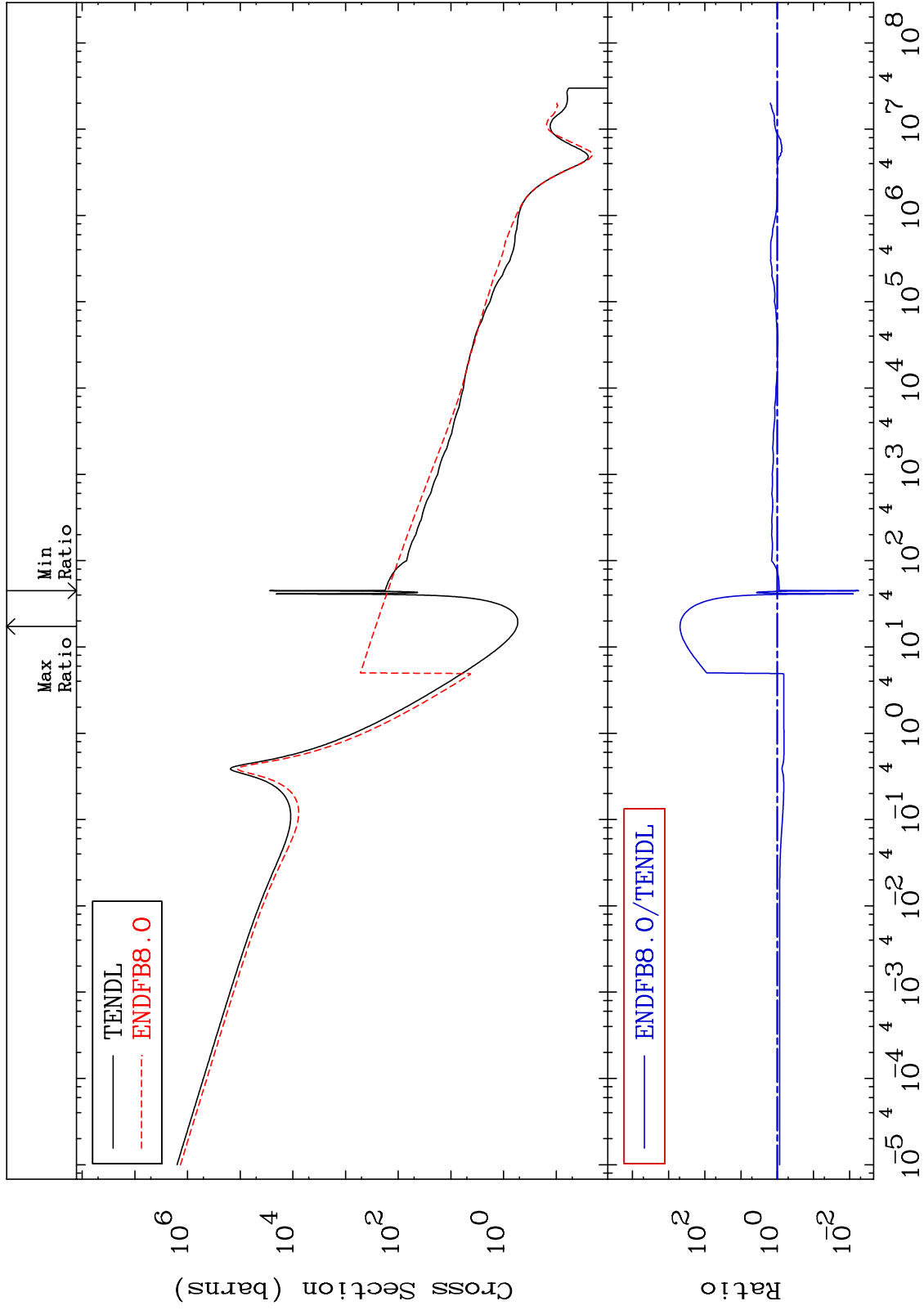
Incident Energy (eV)

98-Cf-251

MAT 9858

Kerma capture (mt102)
Cross Section

98-Cf-251
-99.43 To 9999. %



33

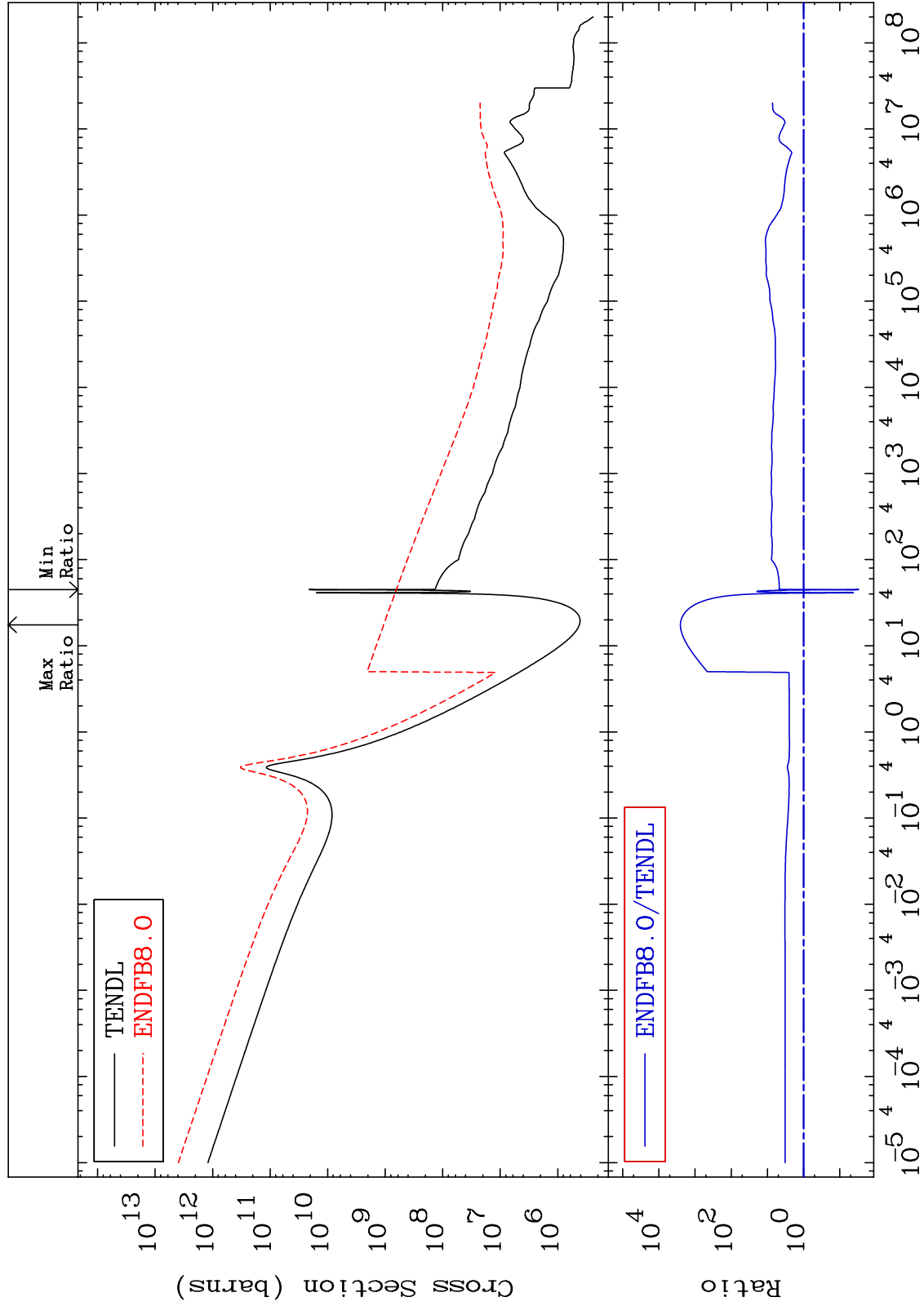
Incident Energy (eV)

98-Cf-251

MAT 9858

Total photon (eV-barns)
Cross Section

98-Cf-251
-96.96 To 9999. %



34

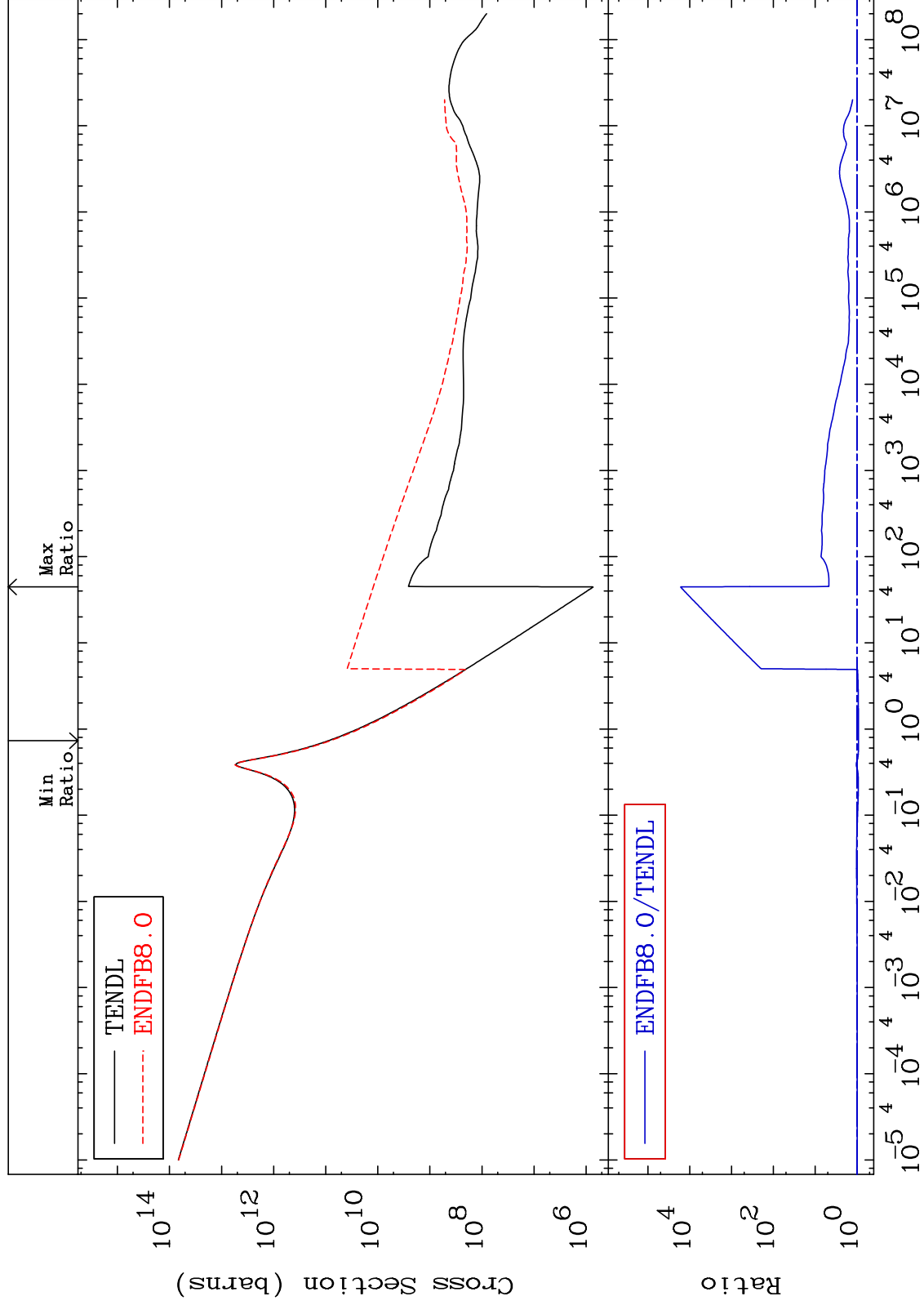
Incident Energy (eV)

98-Cf-251

MAT 9858

Total kinematic kerma (high limit)
Cross Section

98-Cf-251
-8.231 To 9999. %



35

Incident Energy (eV)

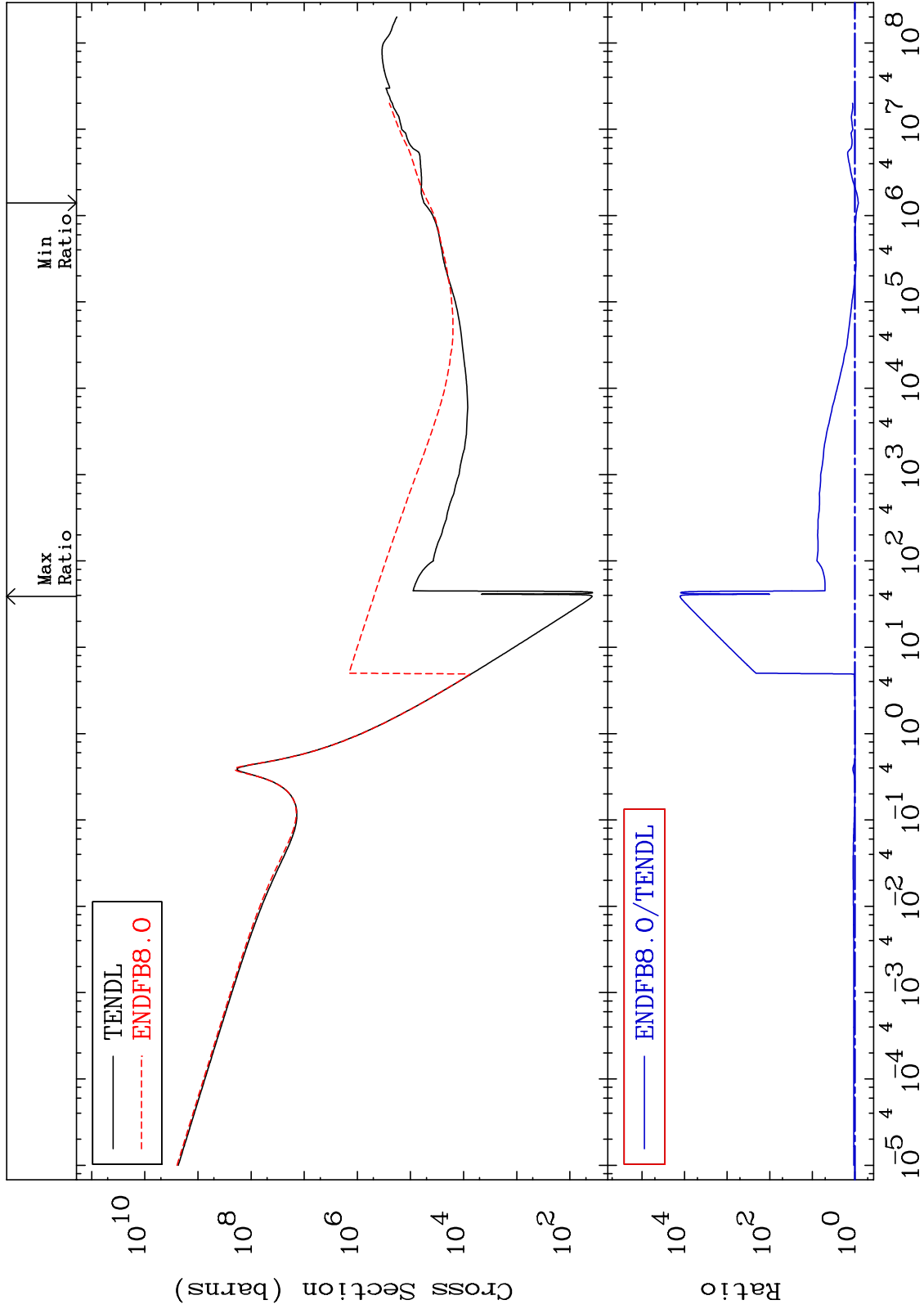
98-Cf-251

MAT 9858

Dpa total (eV-barns)

98-Cf-251

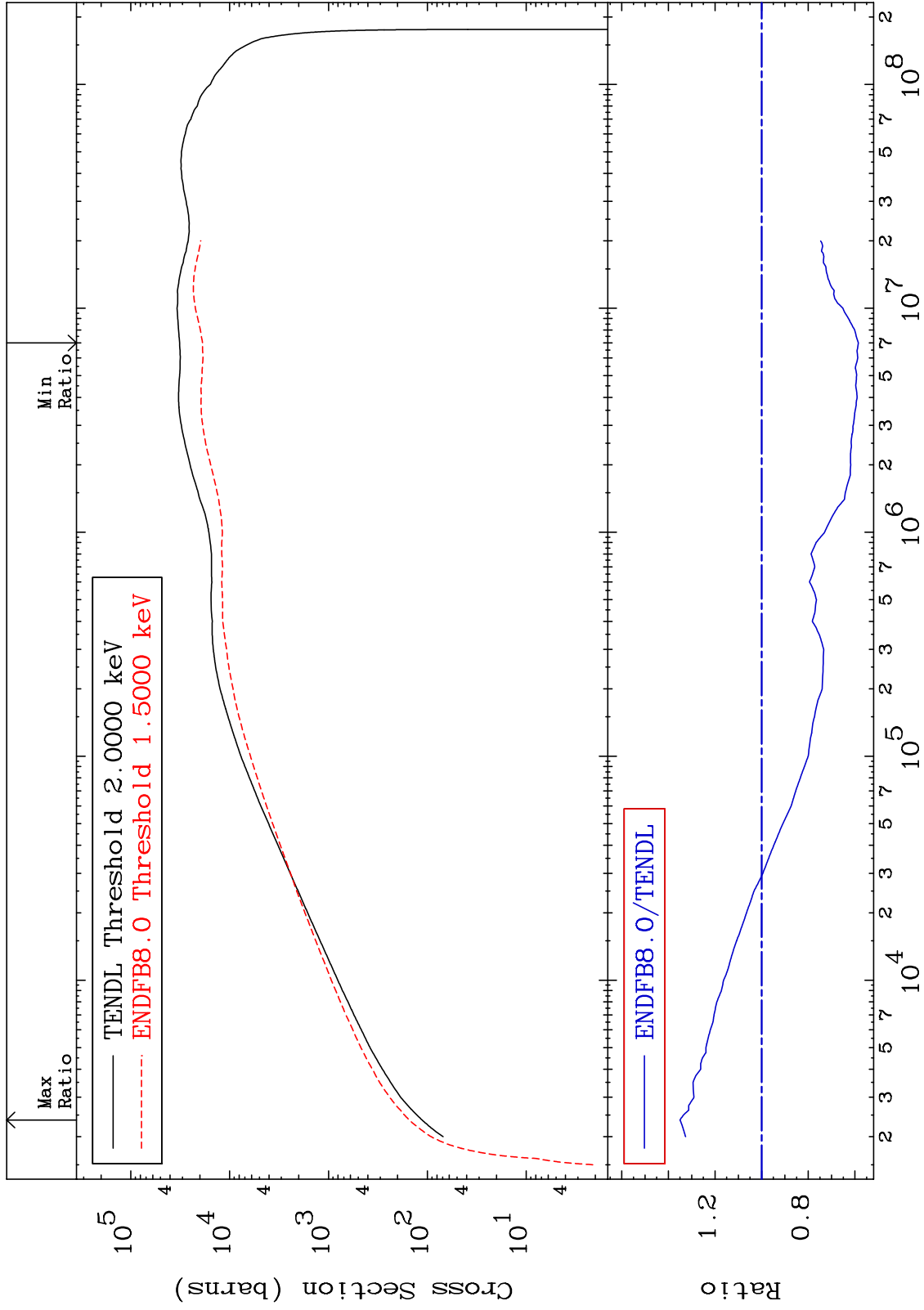
-17.31 To 9999. %



MAT 9858

Dpa elastic (mt2)
Cross Section

98-Cf-251
-41.50 To 35.00 %



37

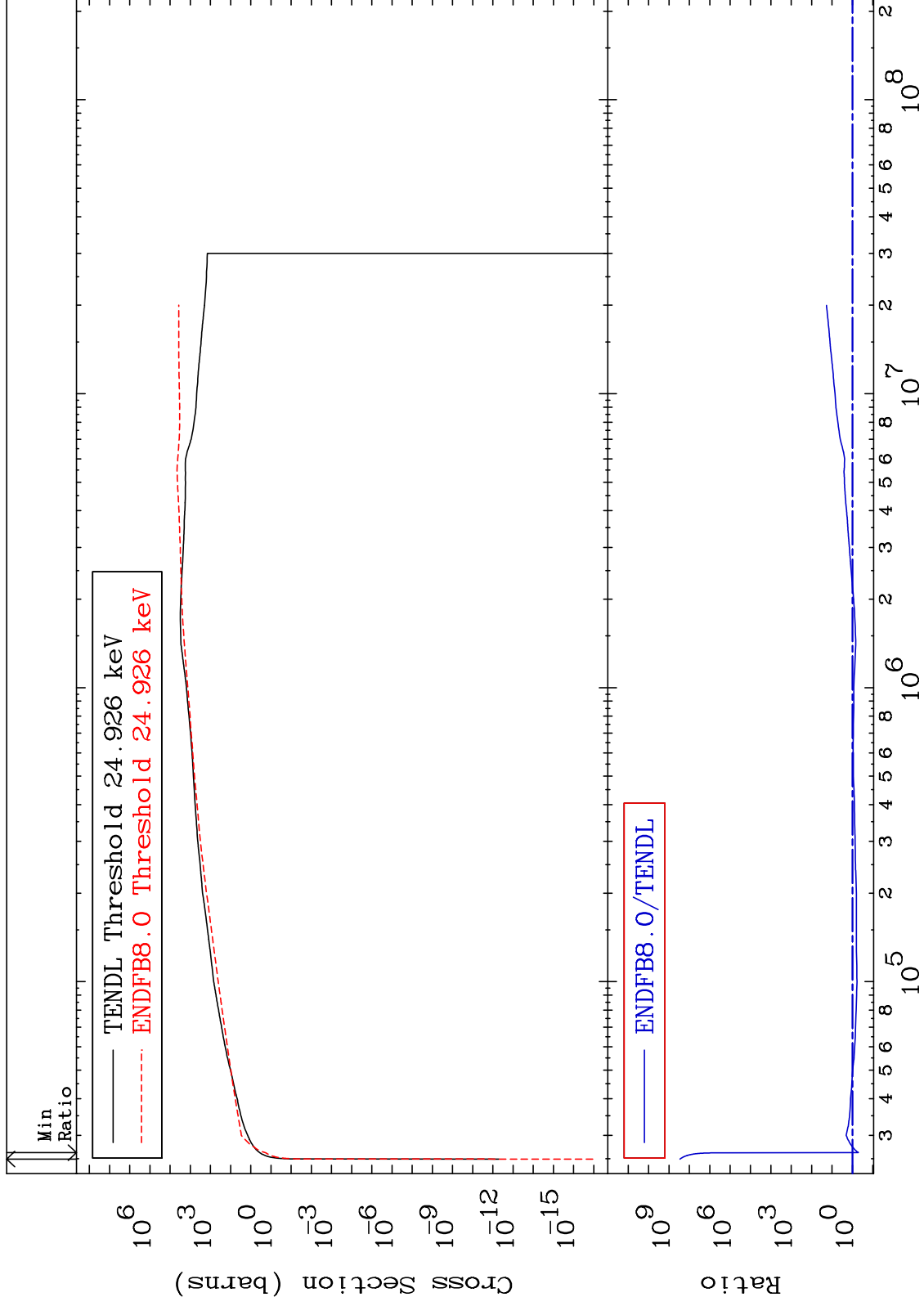
Incident Energy (eV)

98-Cf-251

MAT 9858

Dpa inelastic (mt51-91)
Cross Section

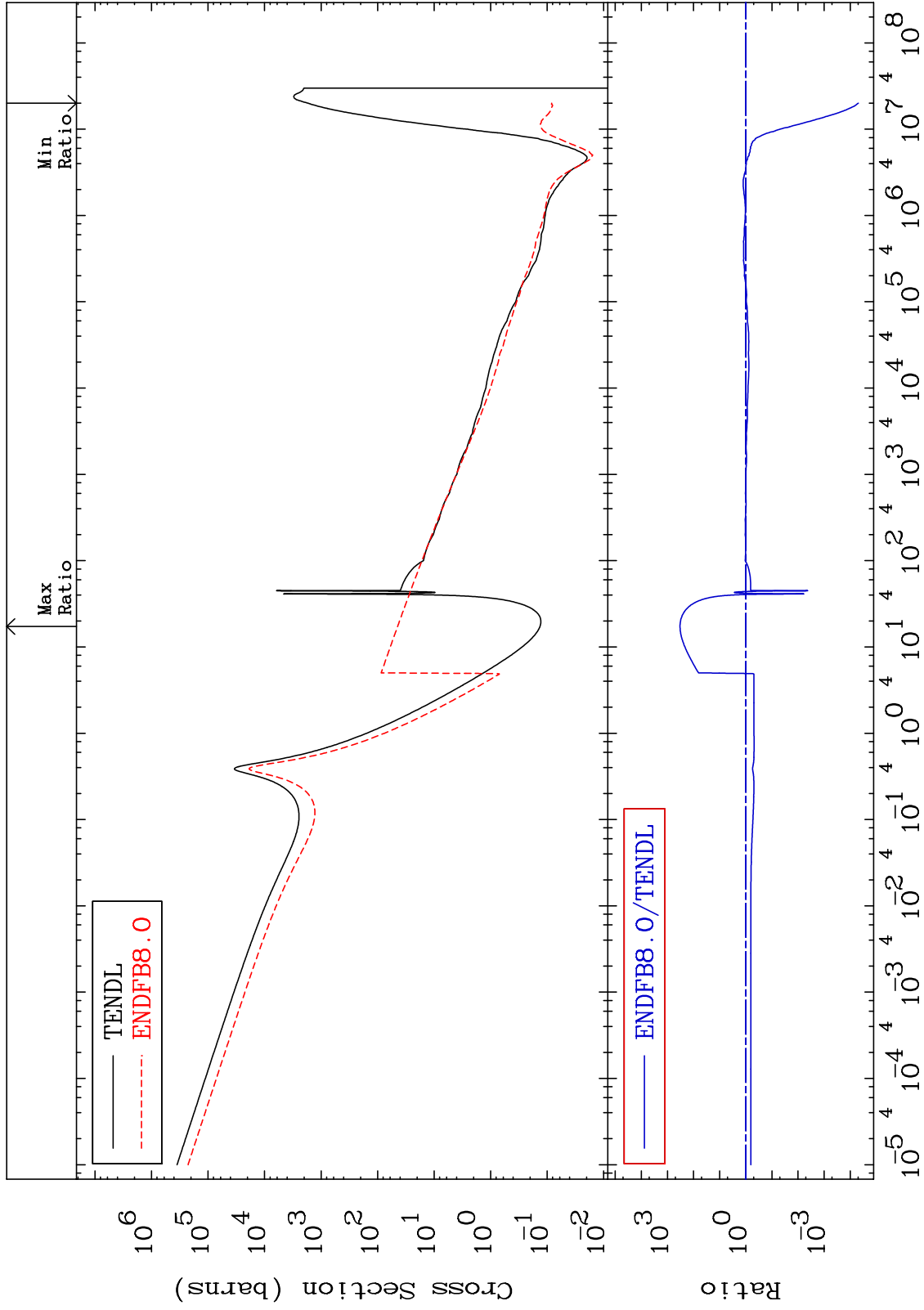
98-Cf-251
-48.90 To 9999. %



MAT 9858

Dpa disappearance (mt102 -120)
Cross Section

98-Cf-251
-100.0 To 9999. %



39

Incident Energy (eV)

98-Cf-251