

Program Complot
(Version 2018-1)

by

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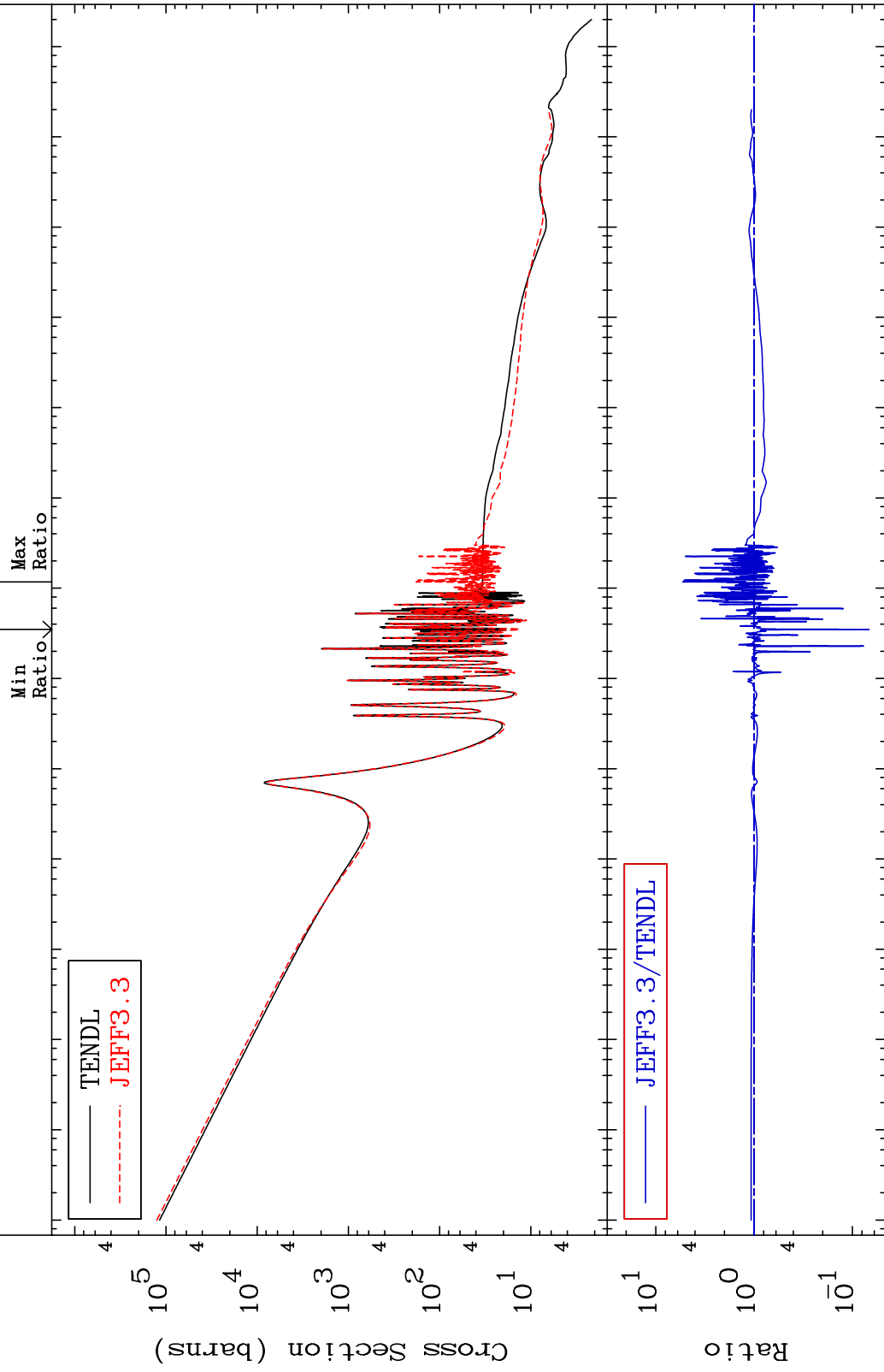
Press Mouse Button to Start

MAT 9852

98-Cf-249

-93.26 To 431.5 %

Total
Cross Section



98-Cf-249

Incident Energy (eV)

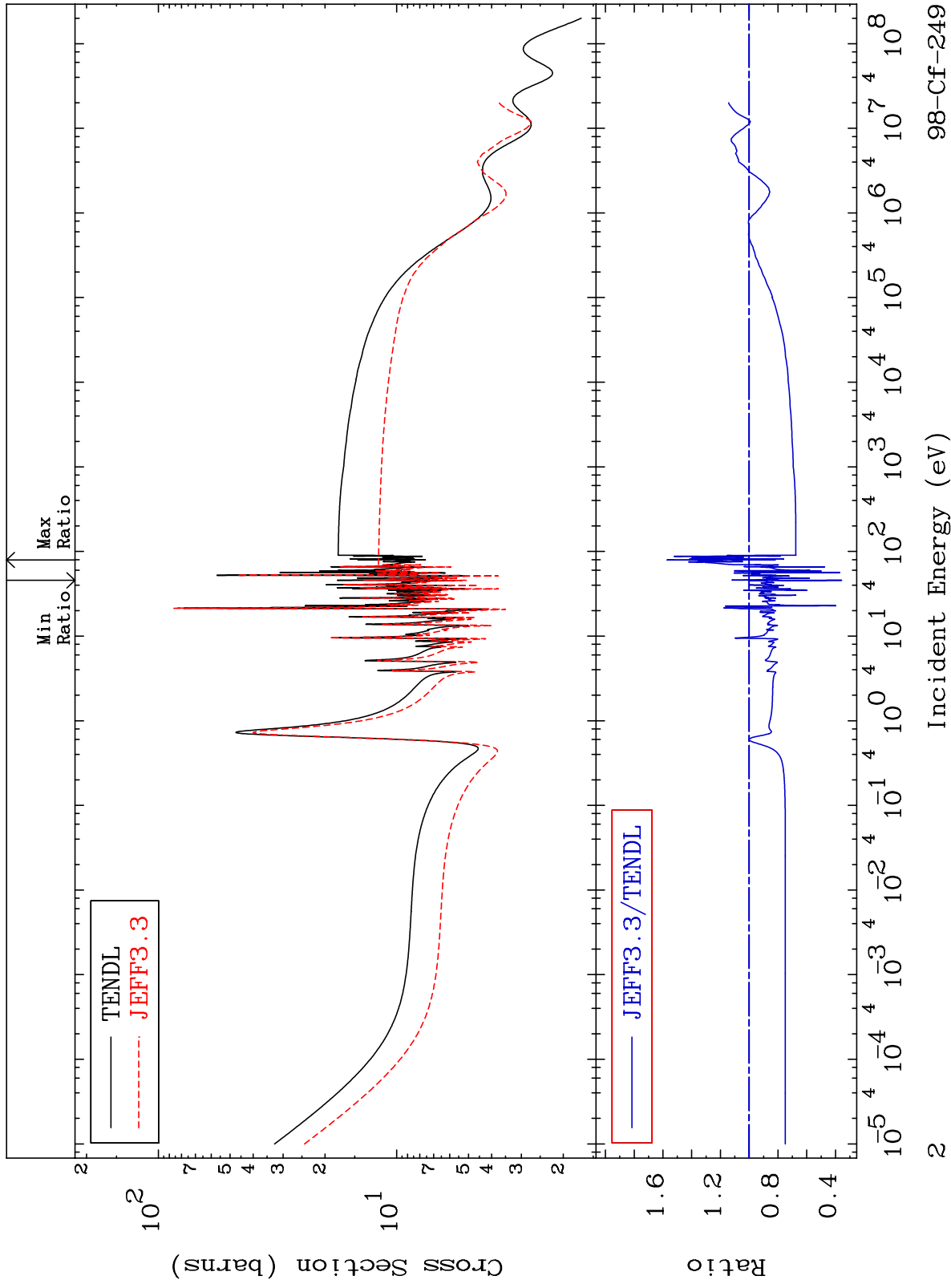
MAT 9852

Elastic

Cross Section

98-Cf-249

-64.37 To 57.28 %



98-Cf-249

Incident Energy (eV)

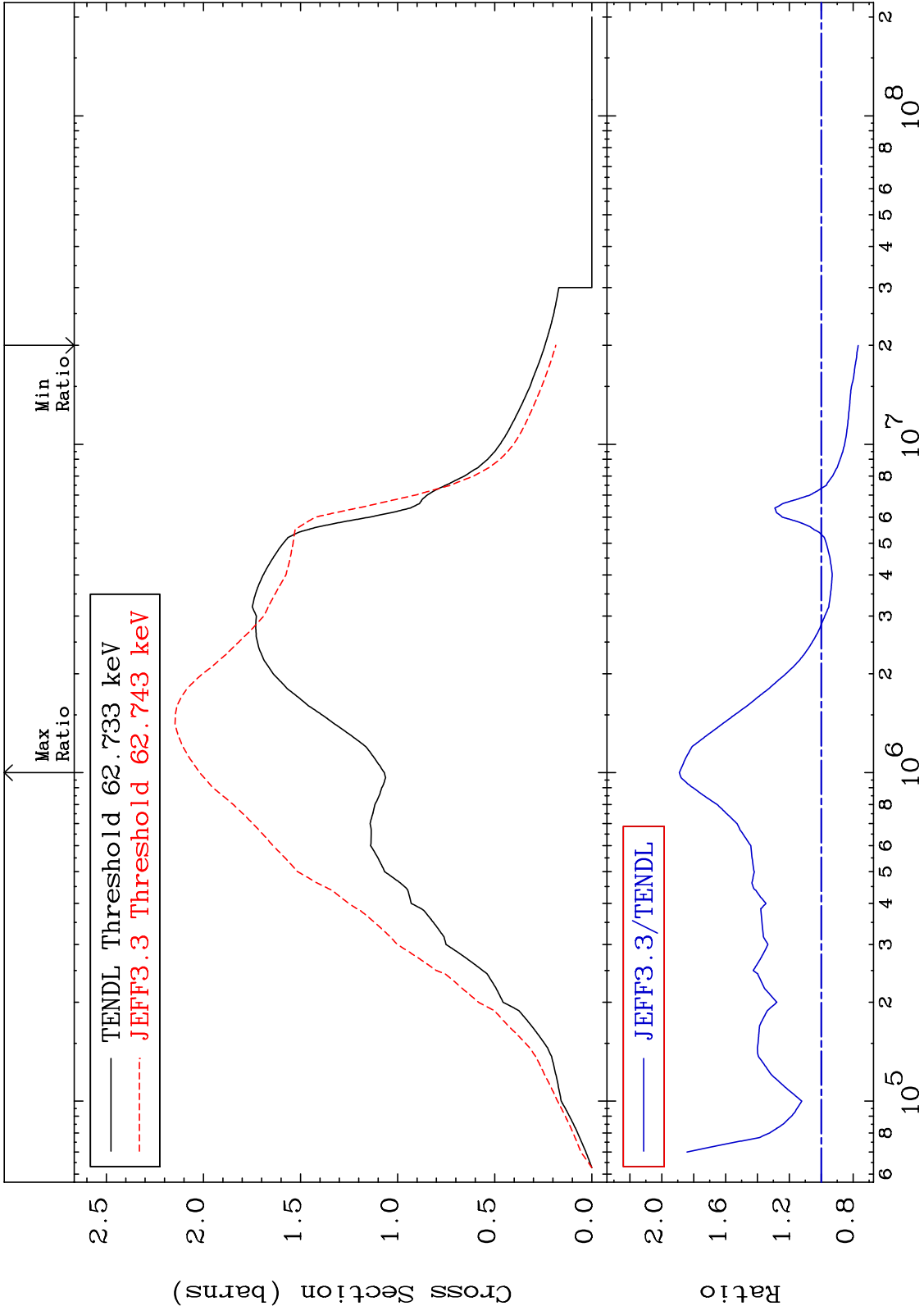
2

MAT 9852

Inelastic
Cross Section

98-Cf-249

-23.20 To 88.98 %



3

Incident Energy (eV)

98-Cf-249

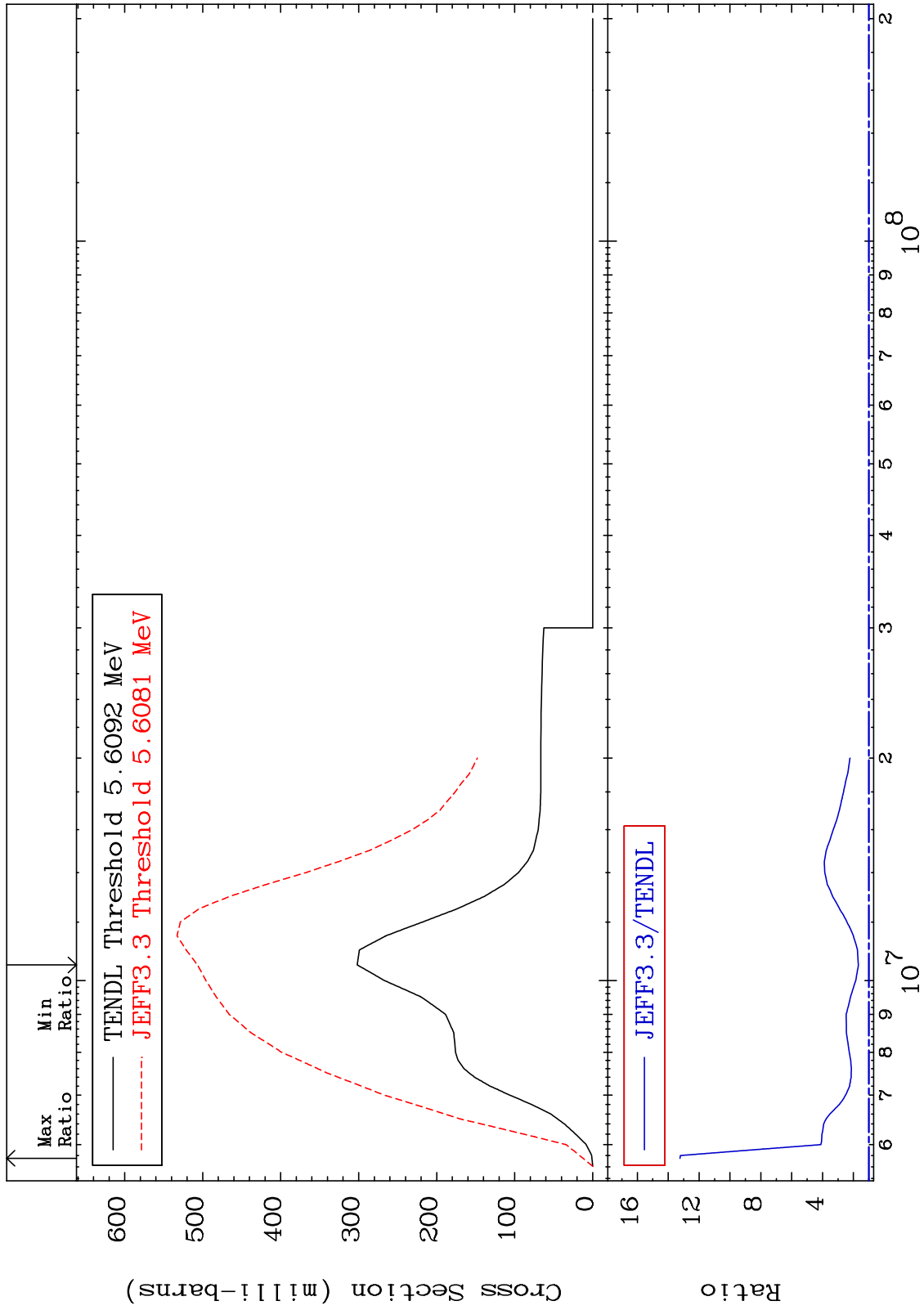
MAT 9852

(n,2n)

98-Cf-249

67.84 To 1224. %

Cross Section



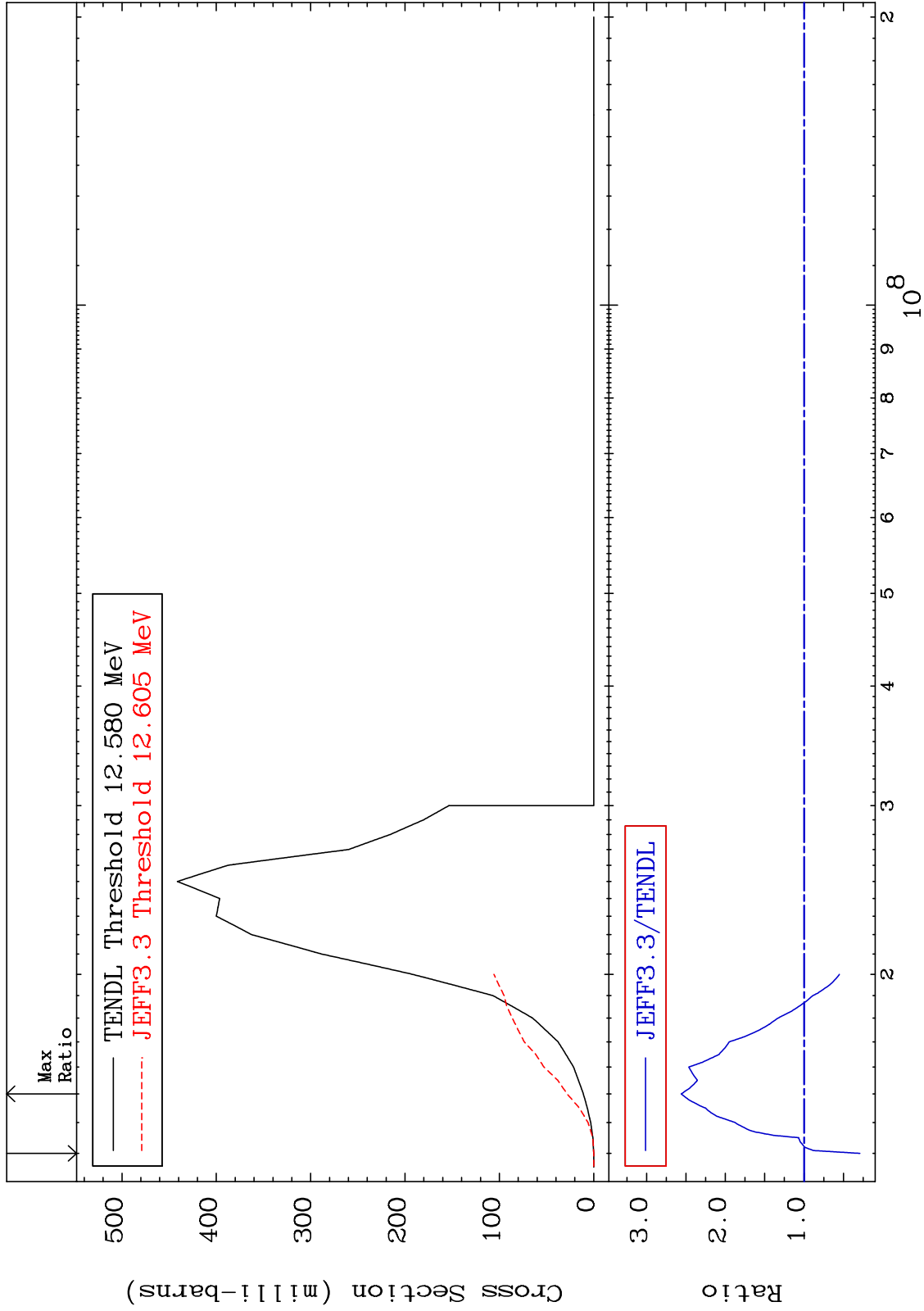
MAT 9852

(n, 3n)

98-Cf-249

Cross Section

-70.99 To 156.1 %



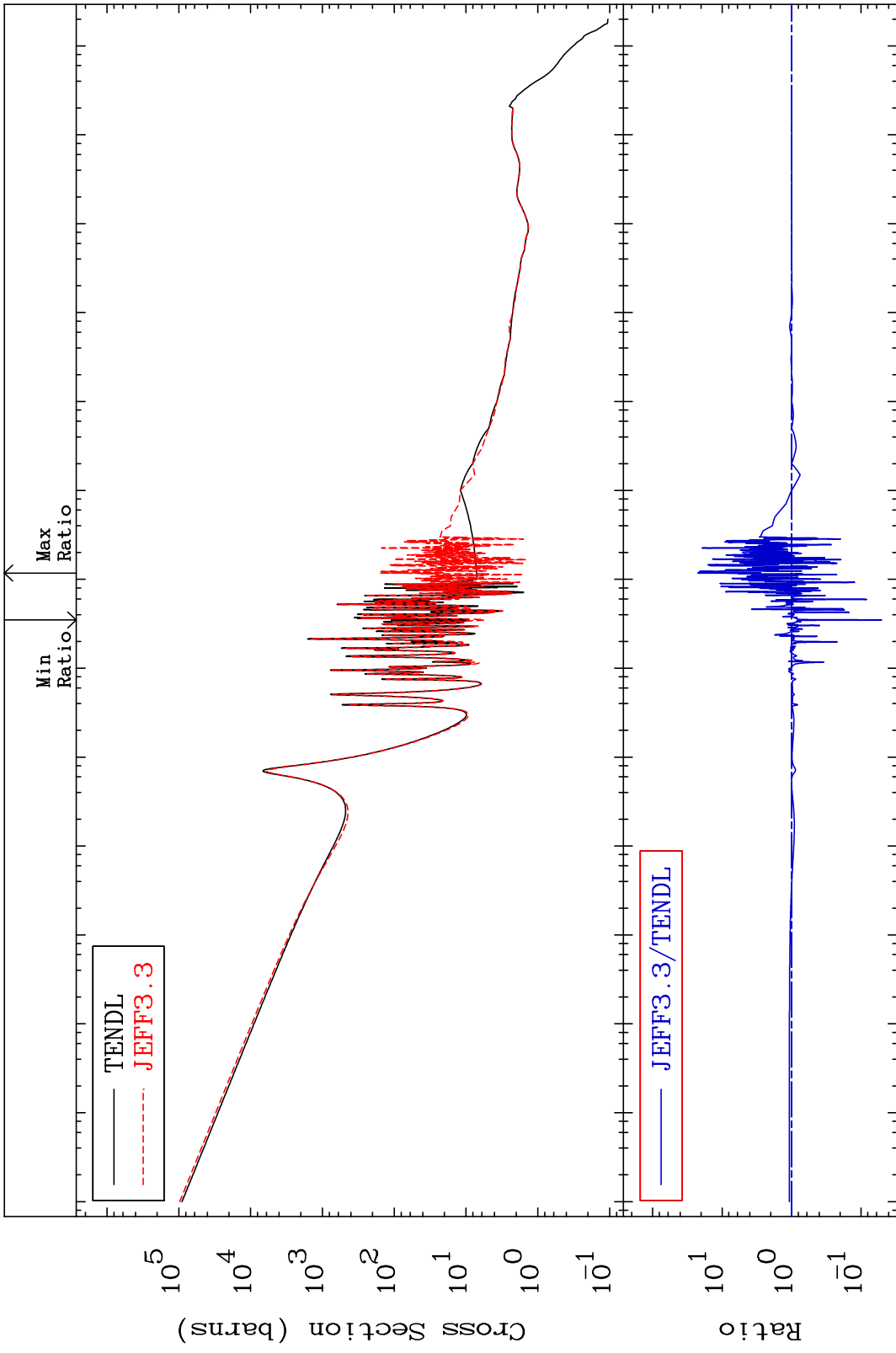
MAT 9852

Fission

98-Cf-249

-94.92 To 2138. %

Cross Section



— TENDL
- - - JEFF3.3

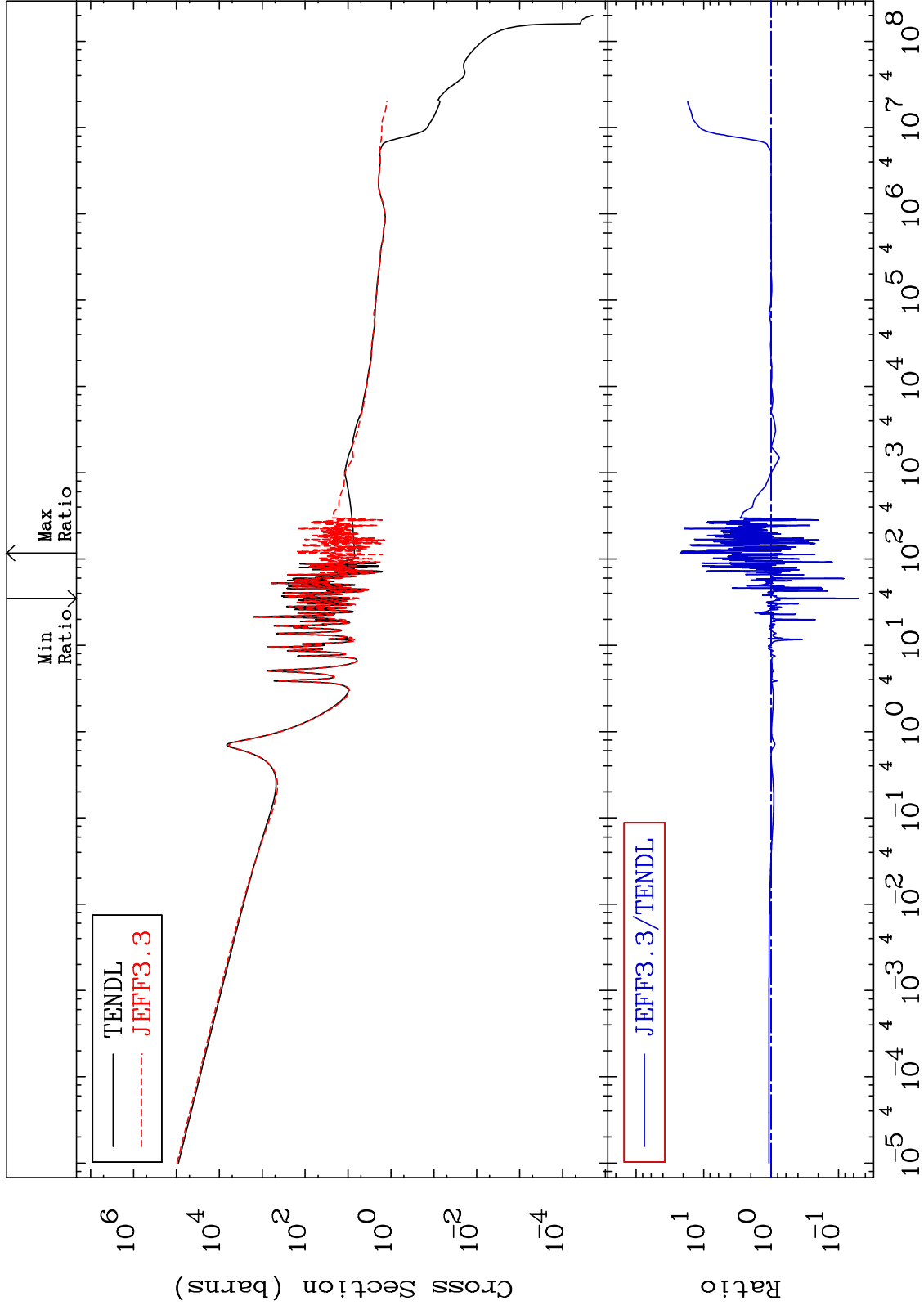
— JEFF3.3/TENDL

Incident Energy (eV) 98-Cf-249

MAT 9852

(n,f) First Chance
Cross Section

98-Cf-249
-94.92 To 2138. %



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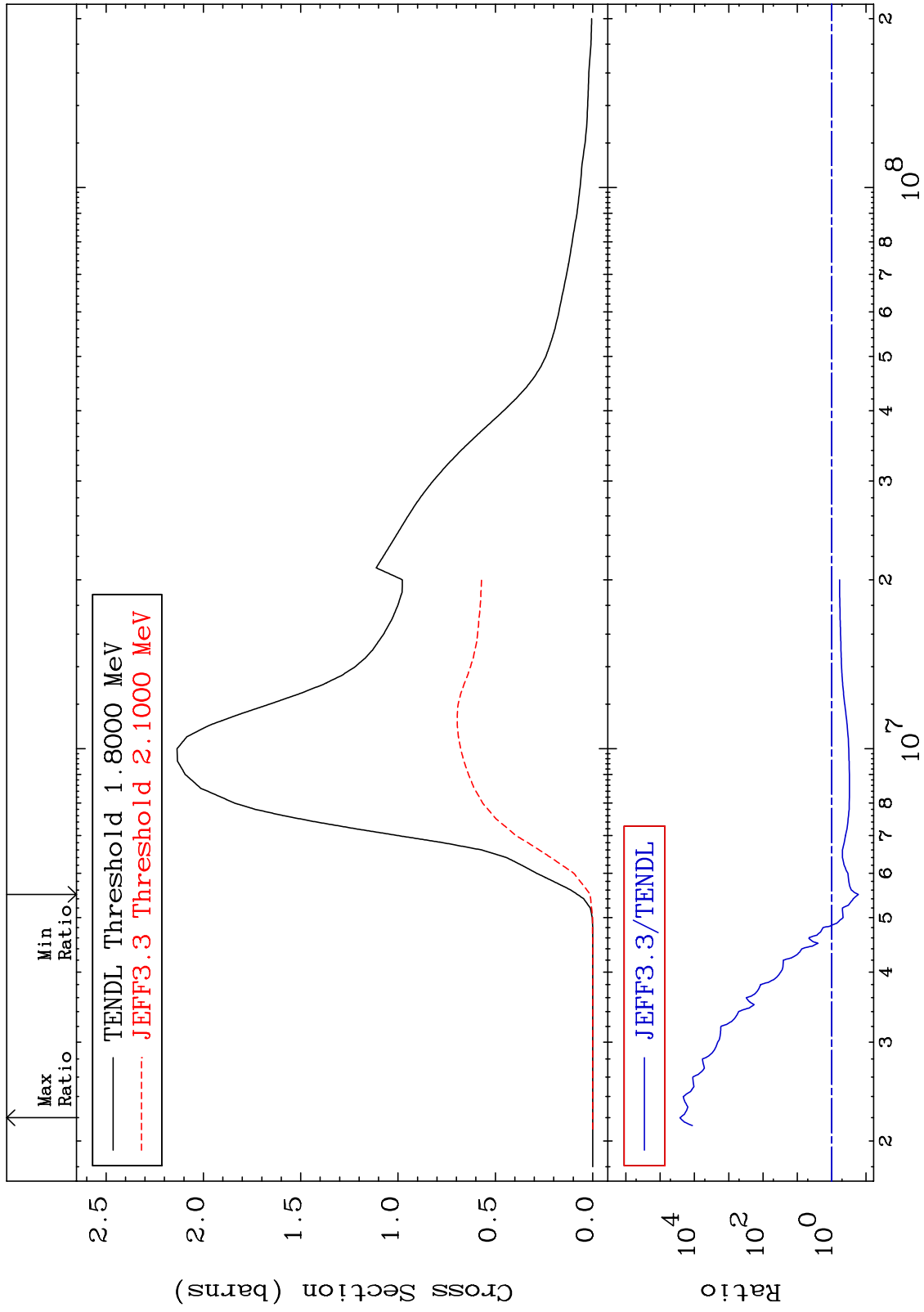
Incident Energy (eV)

98-Cf-249

MAT 9852

(n, nf) Second Chance
Cross Section

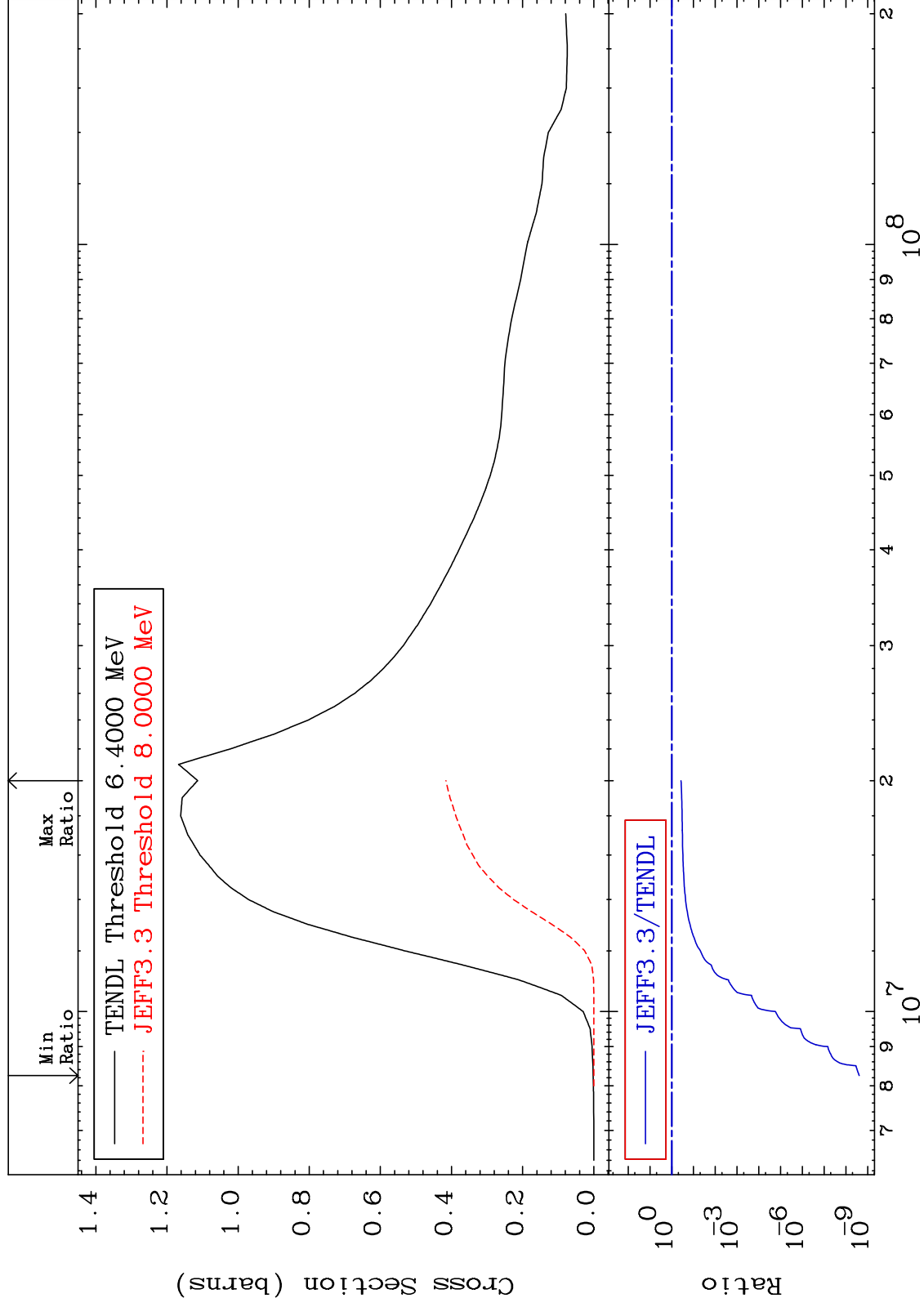
98-Cf-249
-83.38 To 9999. %



MAT 9852

(n,2nf) Third Chance
Cross Section

98-Cf-249
-100.0 To -62.68%



9

Incident Energy (eV)

98-Cf-249

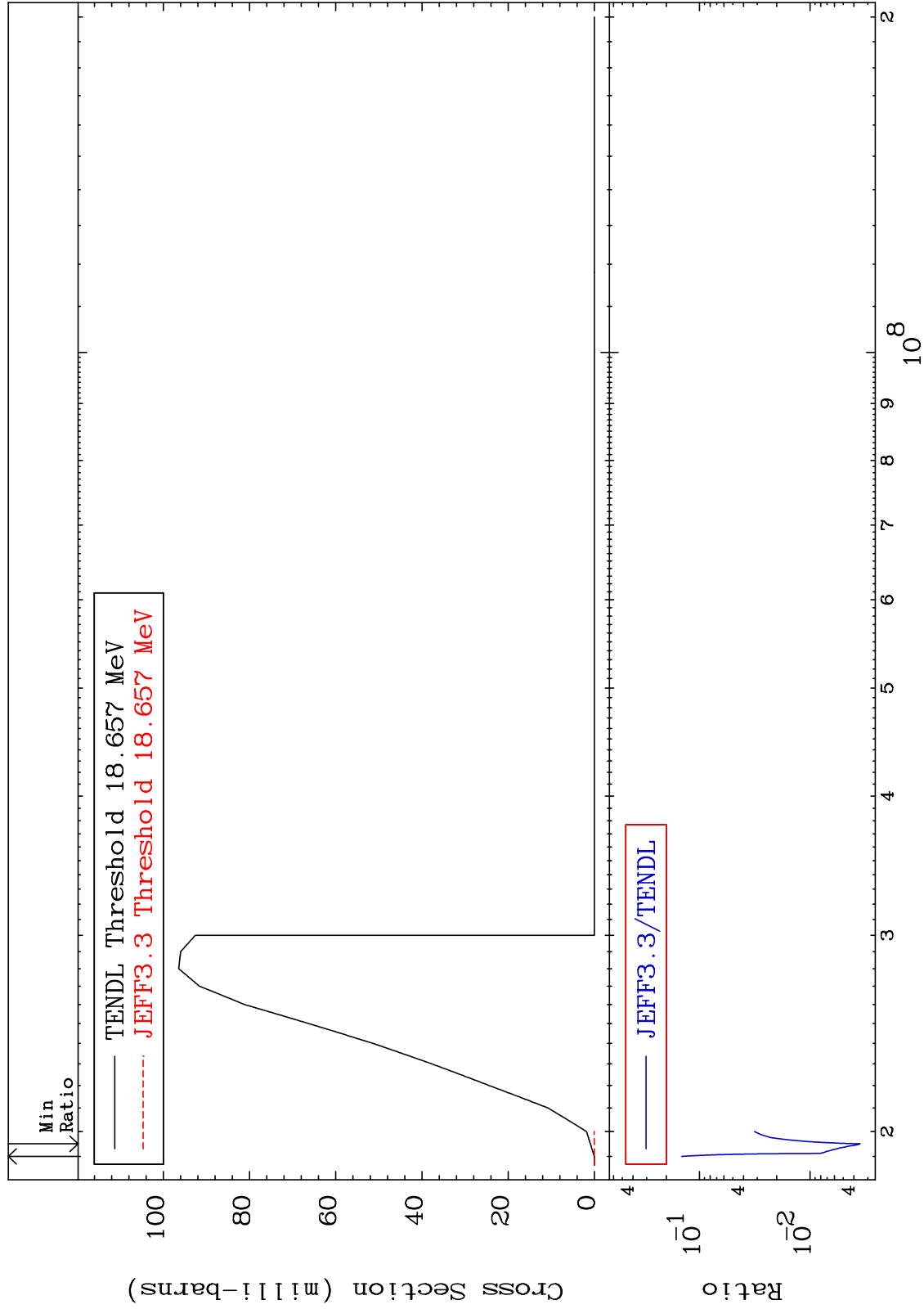
MAT 9852

(n, 4n)

98-Cf-249

Cross Section

-99.65 To -85.50%



10

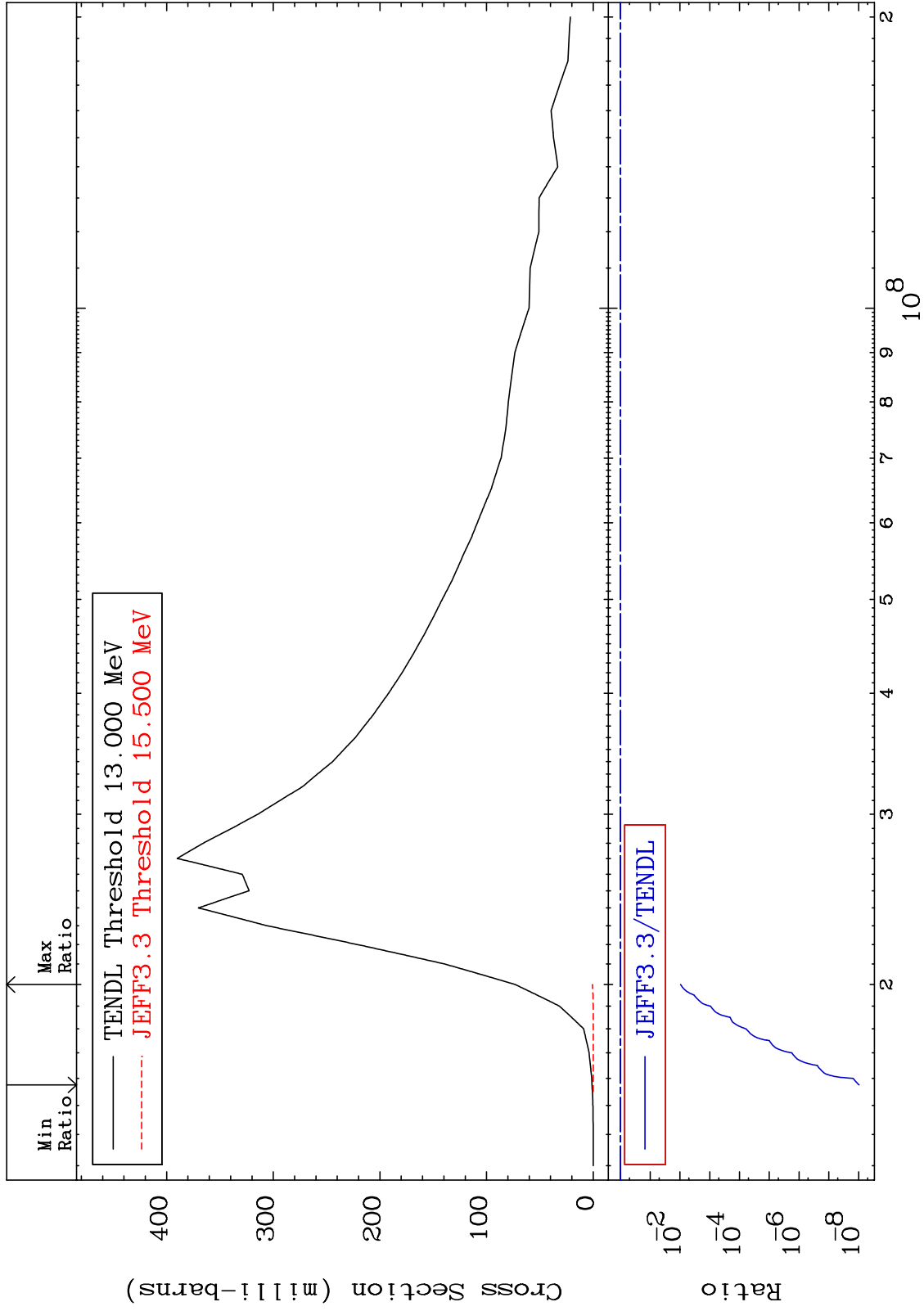
Incident Energy (eV)

98-Cf-249

MAT 9852

(n,3nf) Fourth Chance
Cross Section

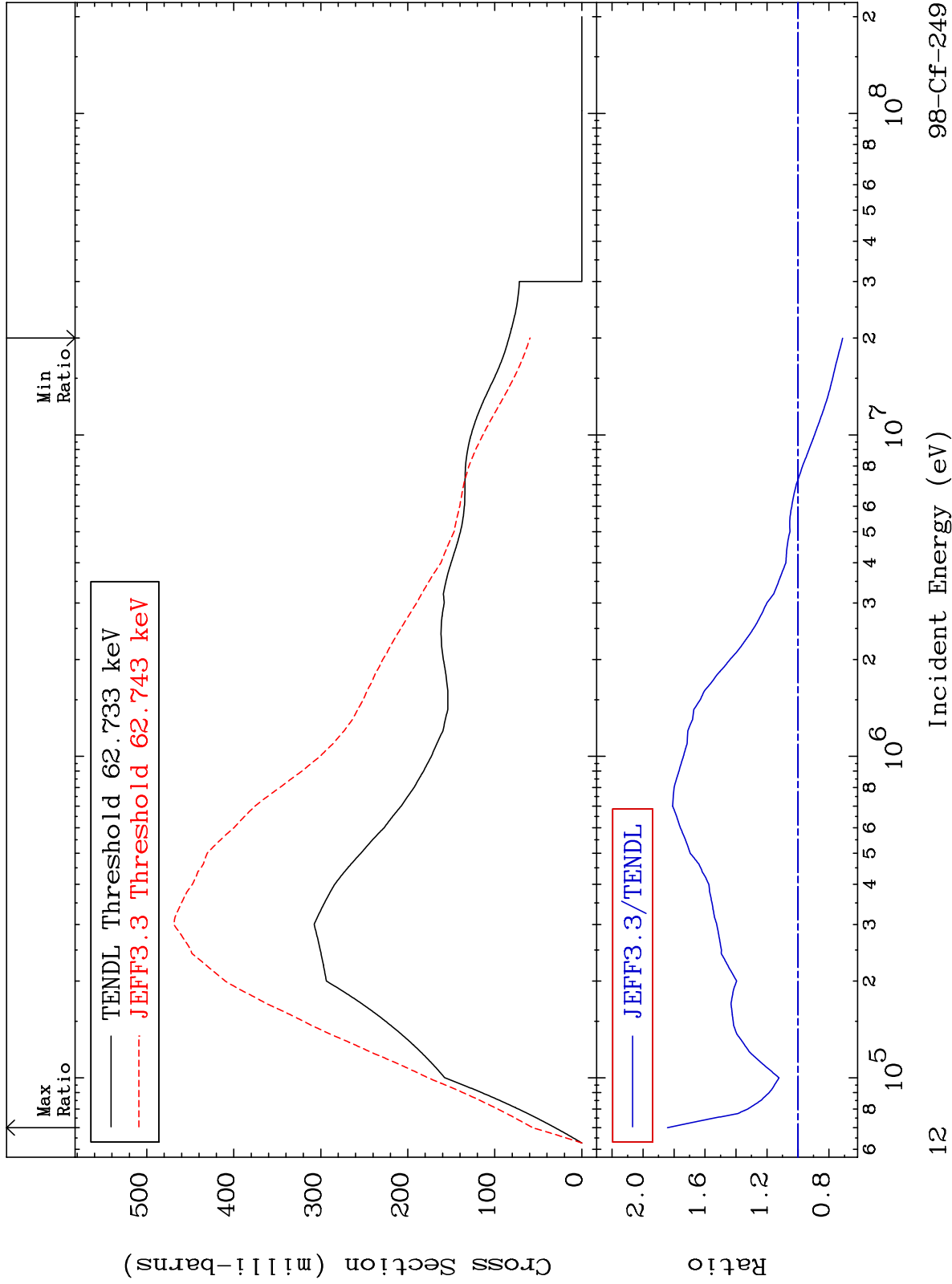
98-Cf-249
-100.0 To -99.05%



MAT 9852

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

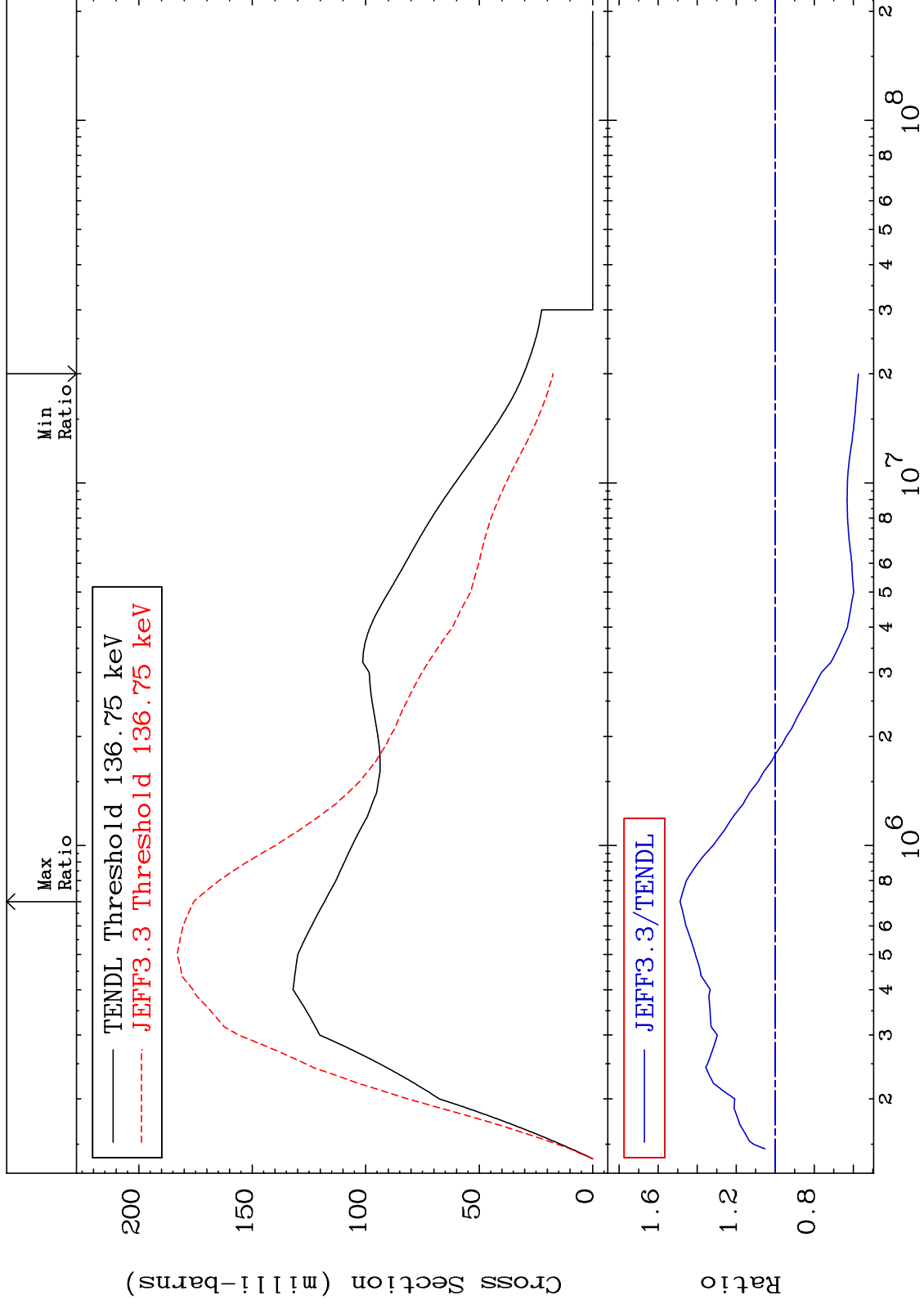
98-Cf-249
-28.84 To 84.19 %



MAT 9852

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

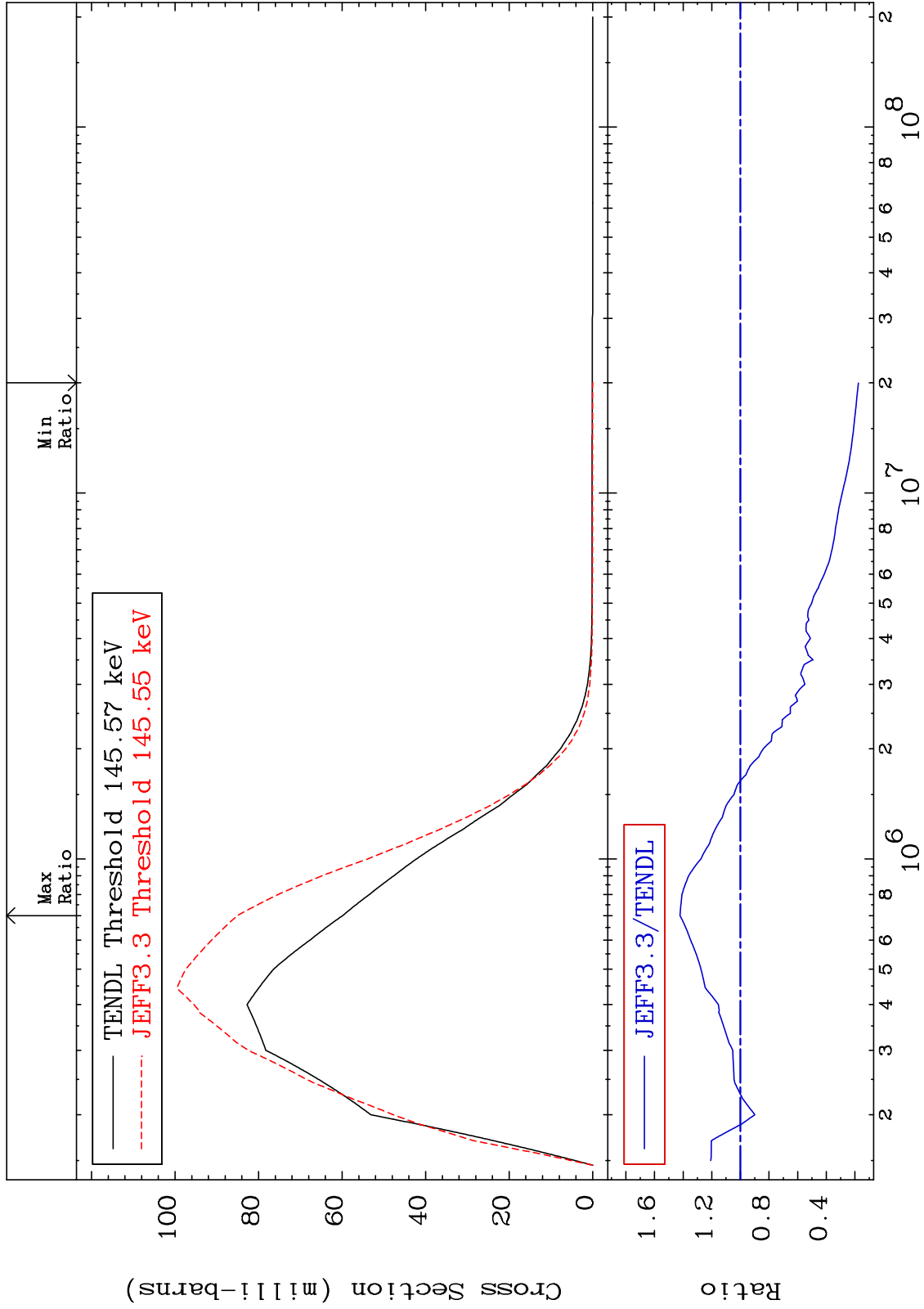
98-Cf-249
-42.61 To 48.80 %



MAT 9852

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

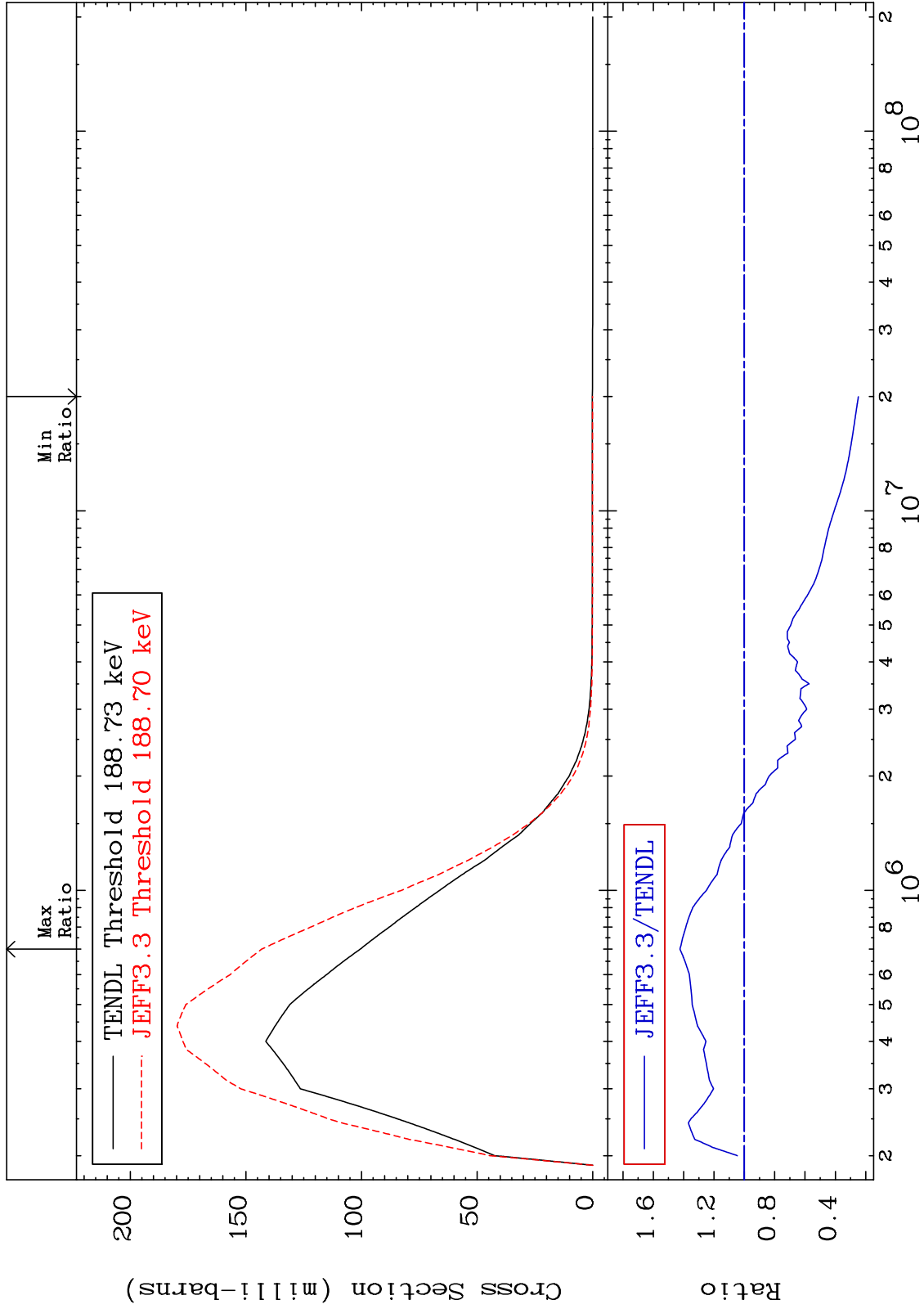
98-Cf-249
-82.41 To 42.17 %



MAT 9852

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

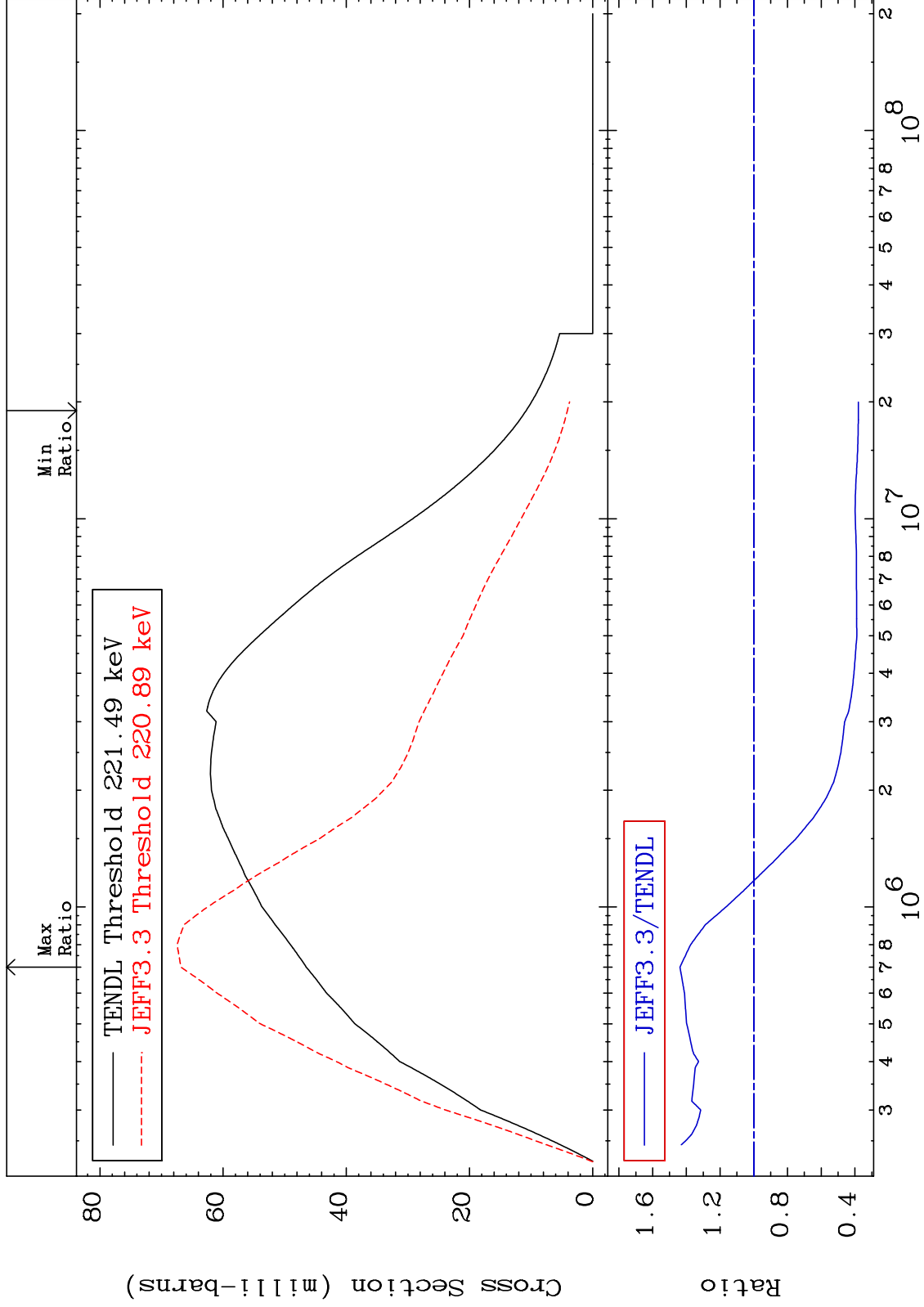
98-Cf-249
-75.19 To 42.40 %



MAT 9852

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

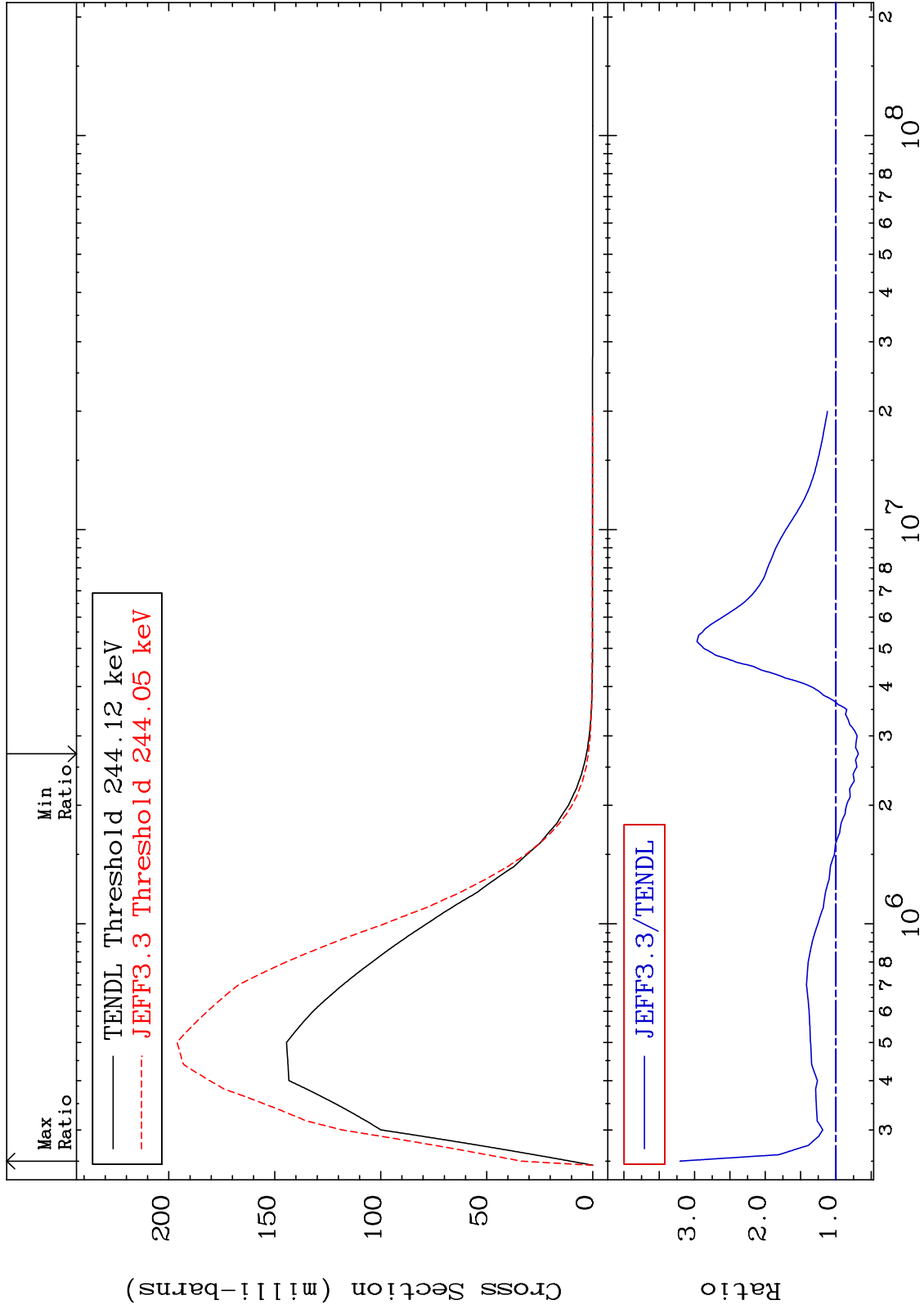
98-Cf-249
-62.05 To 43.77 %



MAT 9852

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

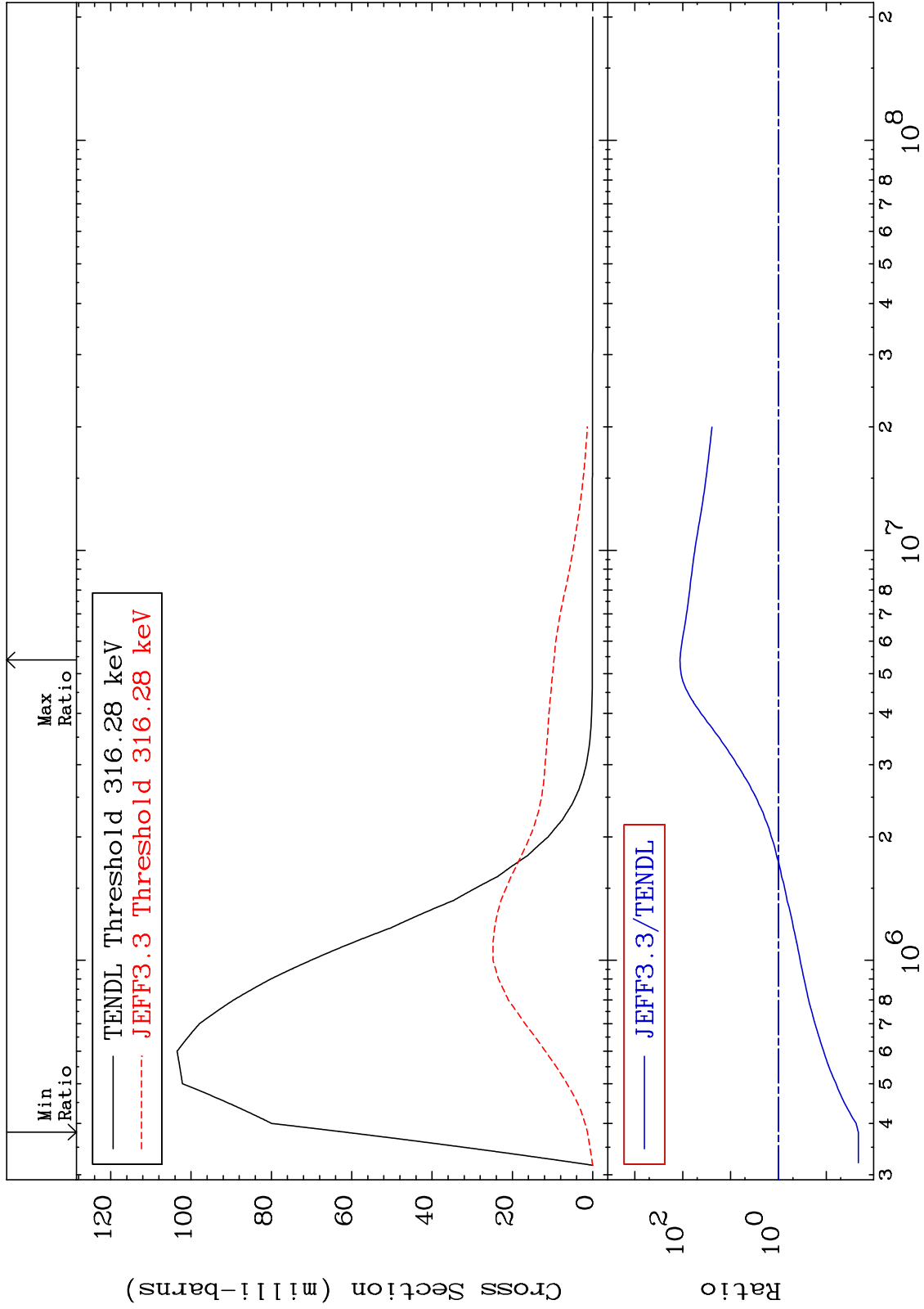
98-Cf-249
-31.95 To 220.6 %



MAT 9852

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

98-Cf-249
-97.86 To 9999. %



18

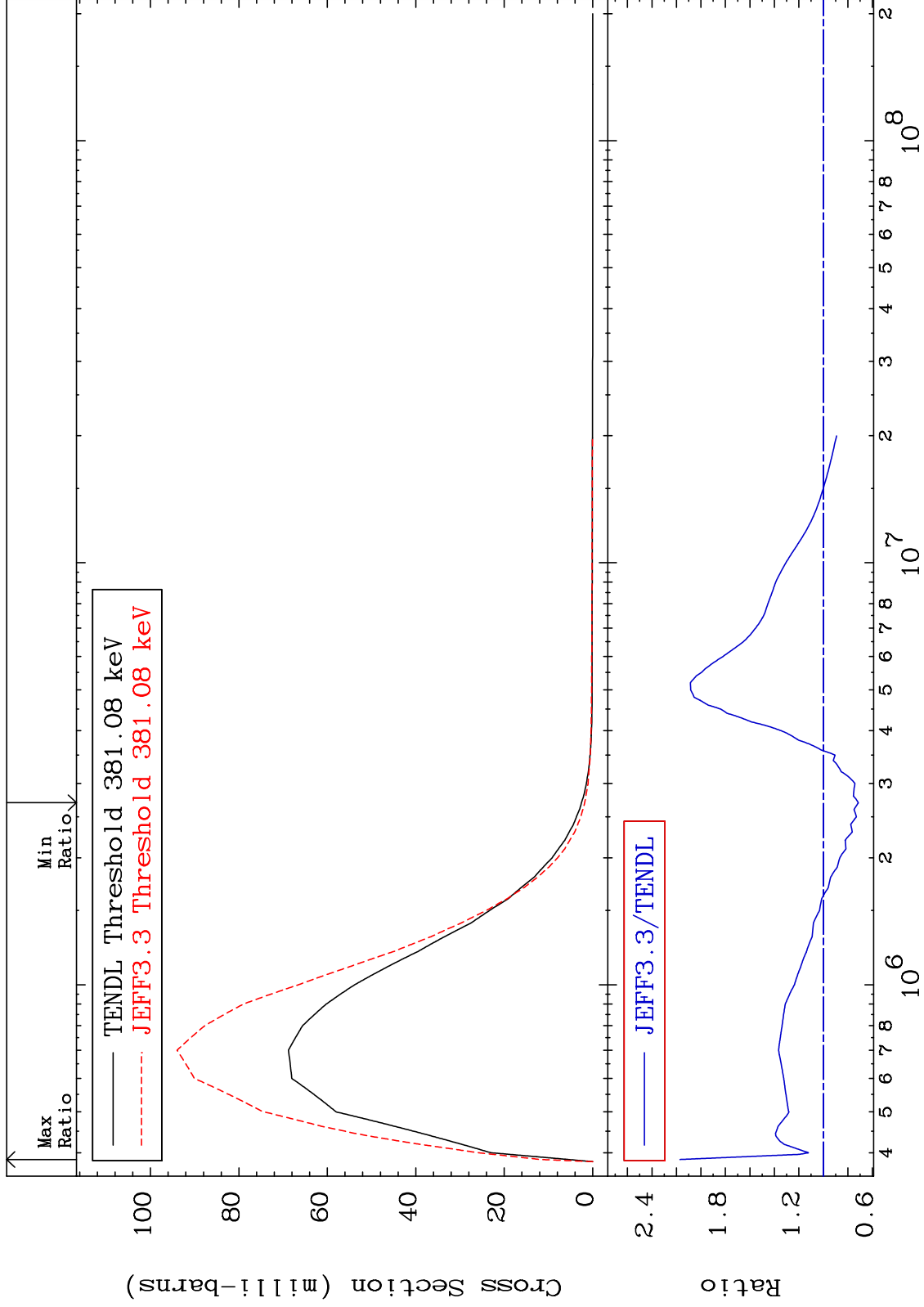
Incident Energy (eV)

98-Cf-249

MAT 9852

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

98-Cf-249
-28.61 To 117.1 %



20

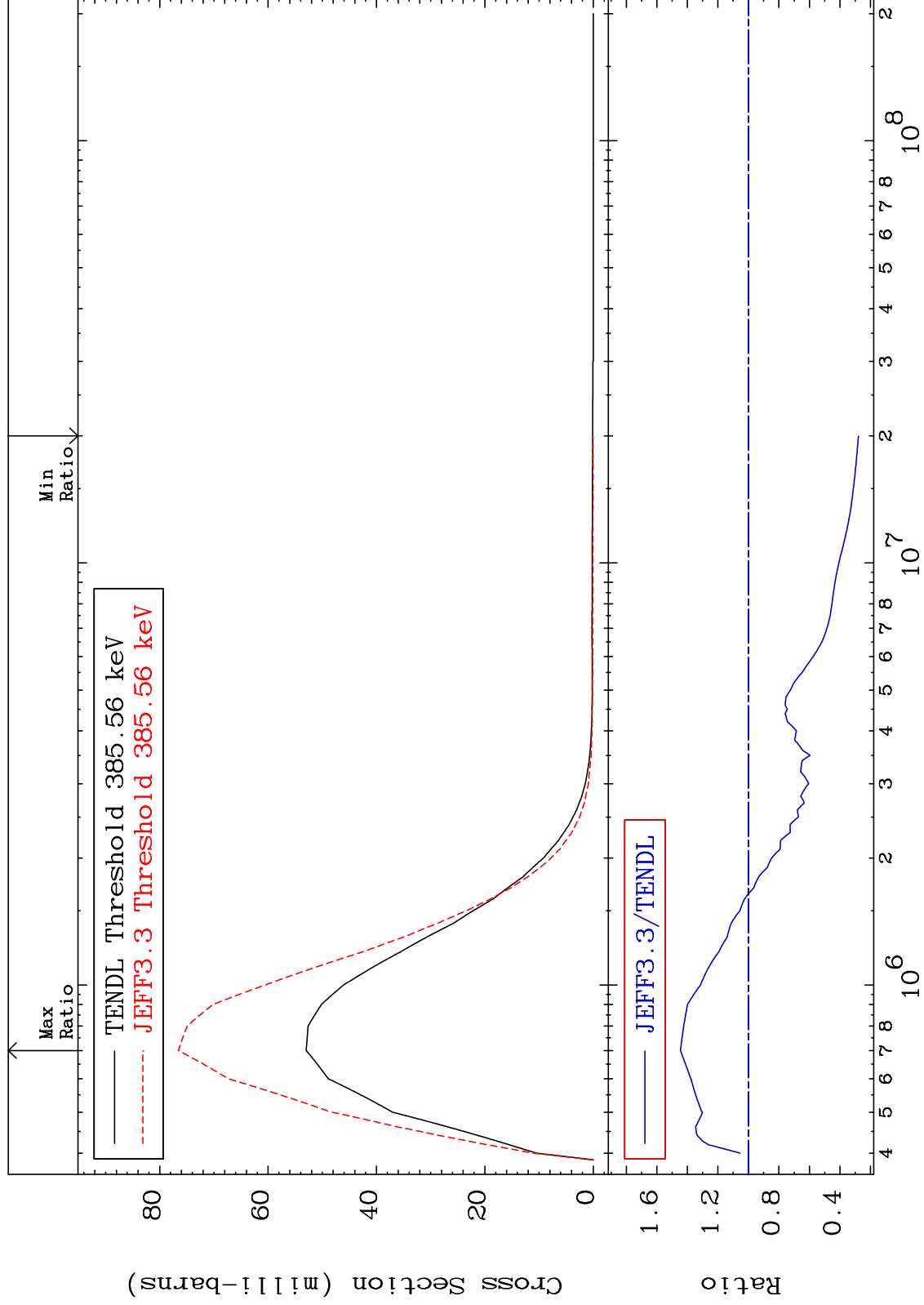
Incident Energy (eV)

98-Cf-249

MAT 9852

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

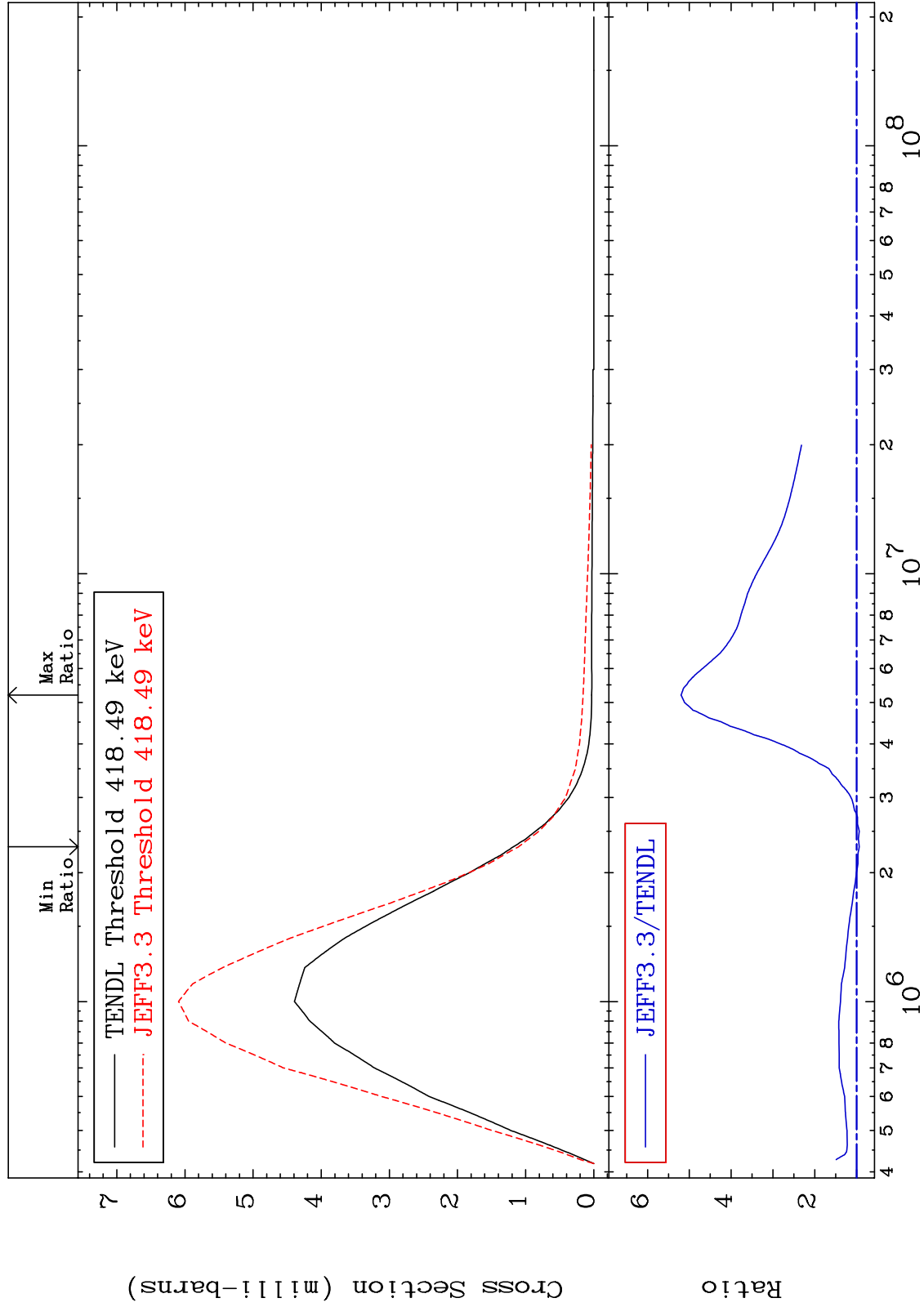
98-Cf-249
-72.21 To 44.55 %



MAT 9852

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

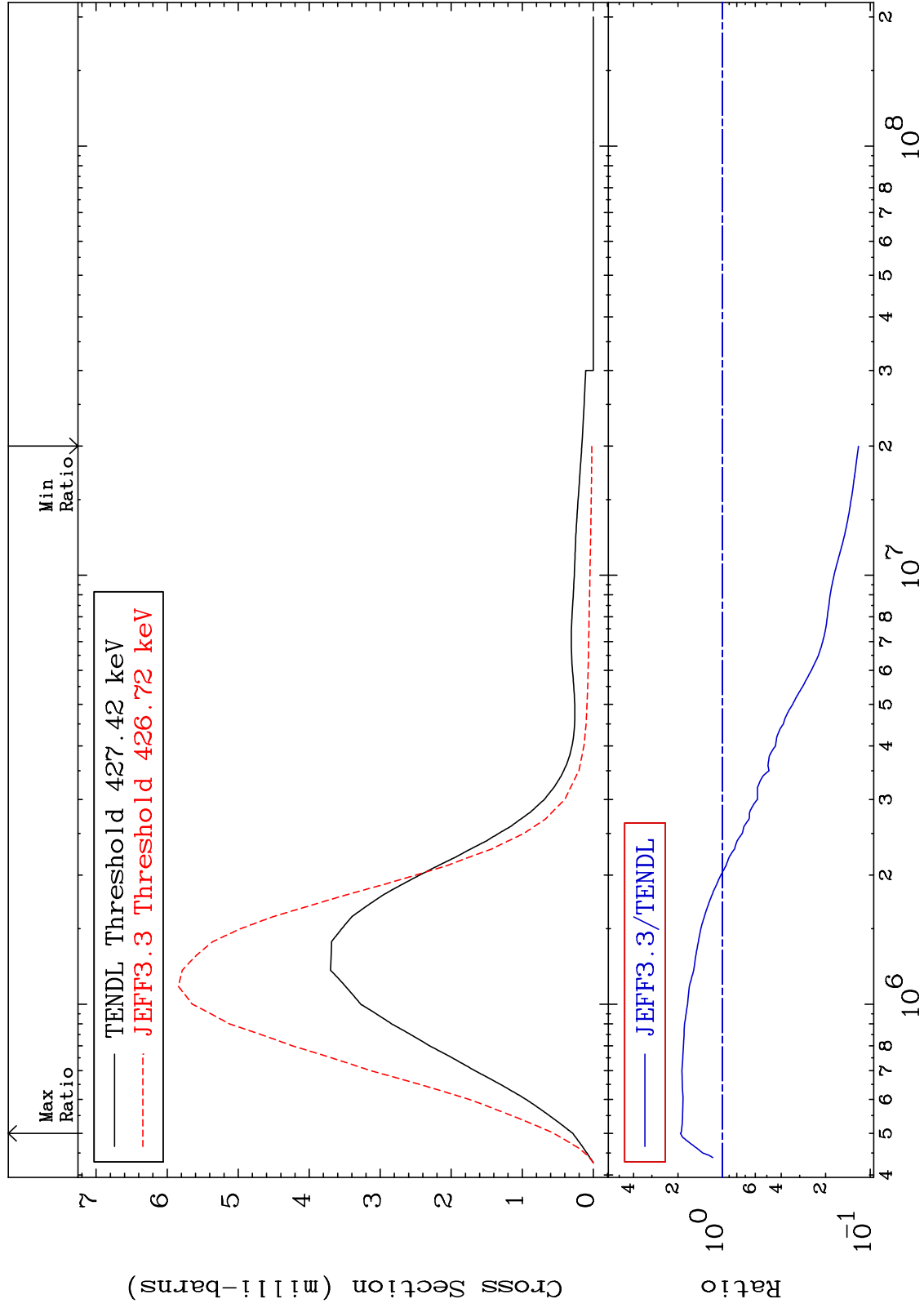
98-Cf-249
-6.377 To 419.9 %



MAT 9852

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

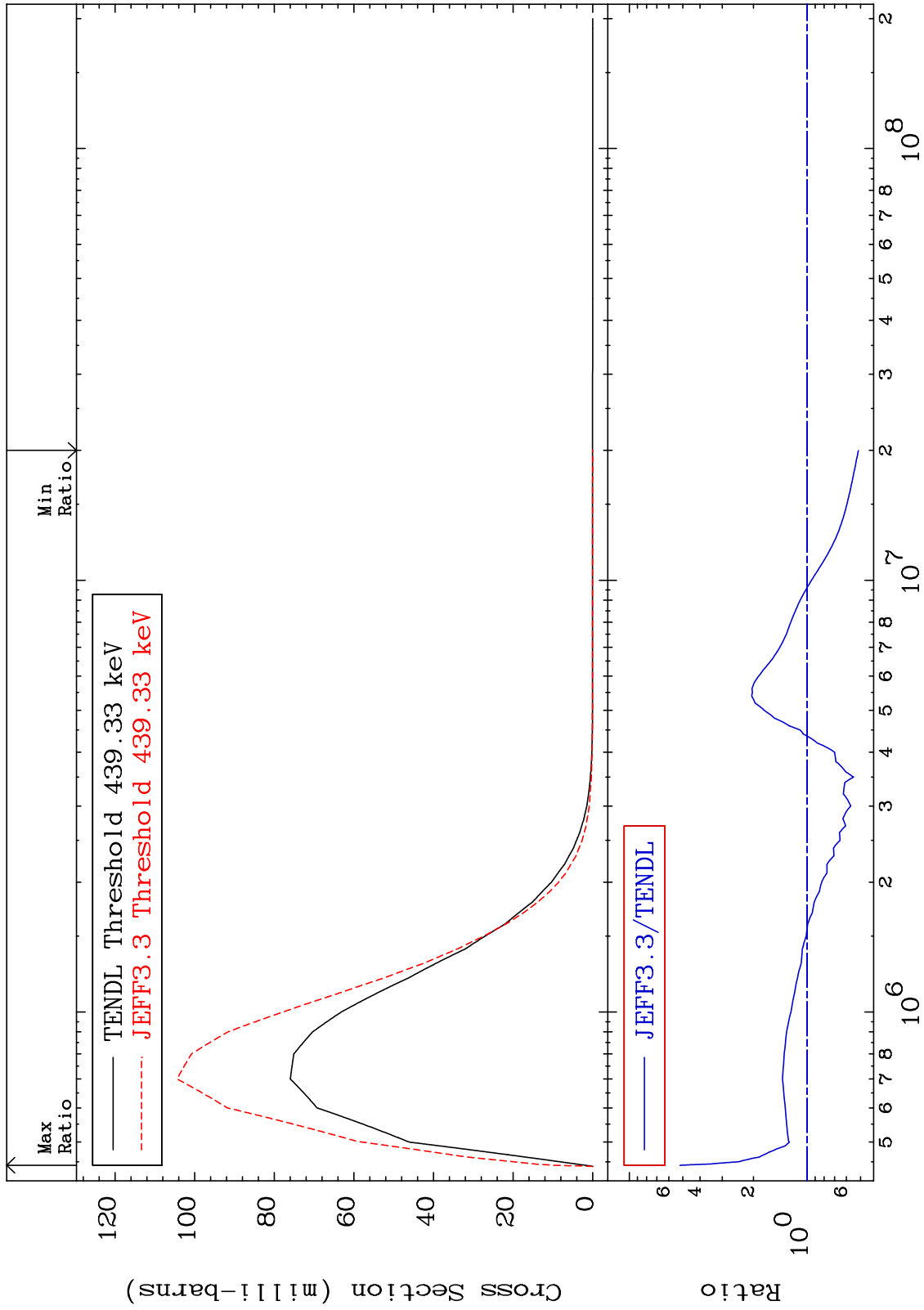
98-Cf-249
-88.01 To 92.32 %



MAT 9852

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

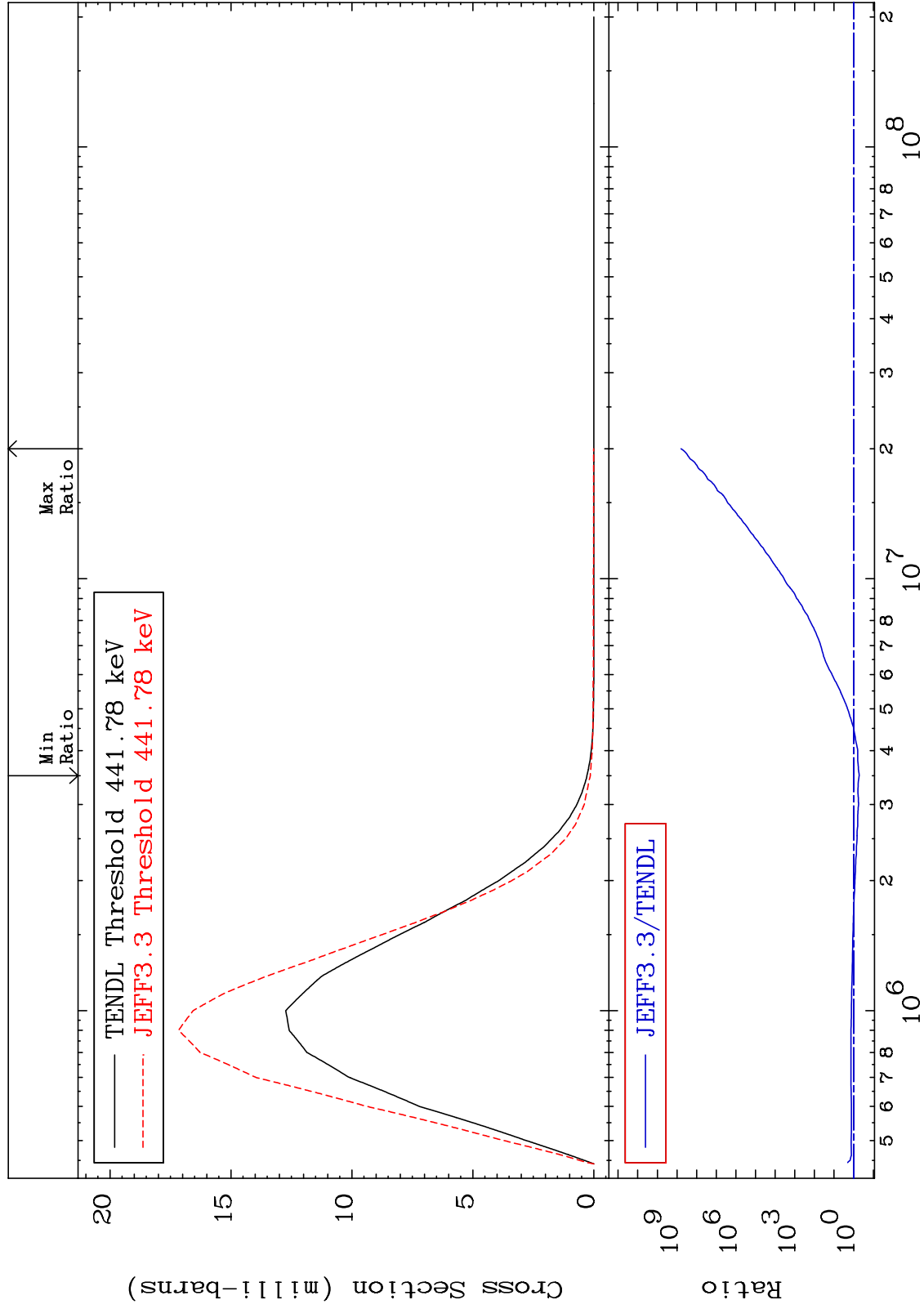
98-Cf-249
-48.64 To 418.7 %



MAT 9852

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

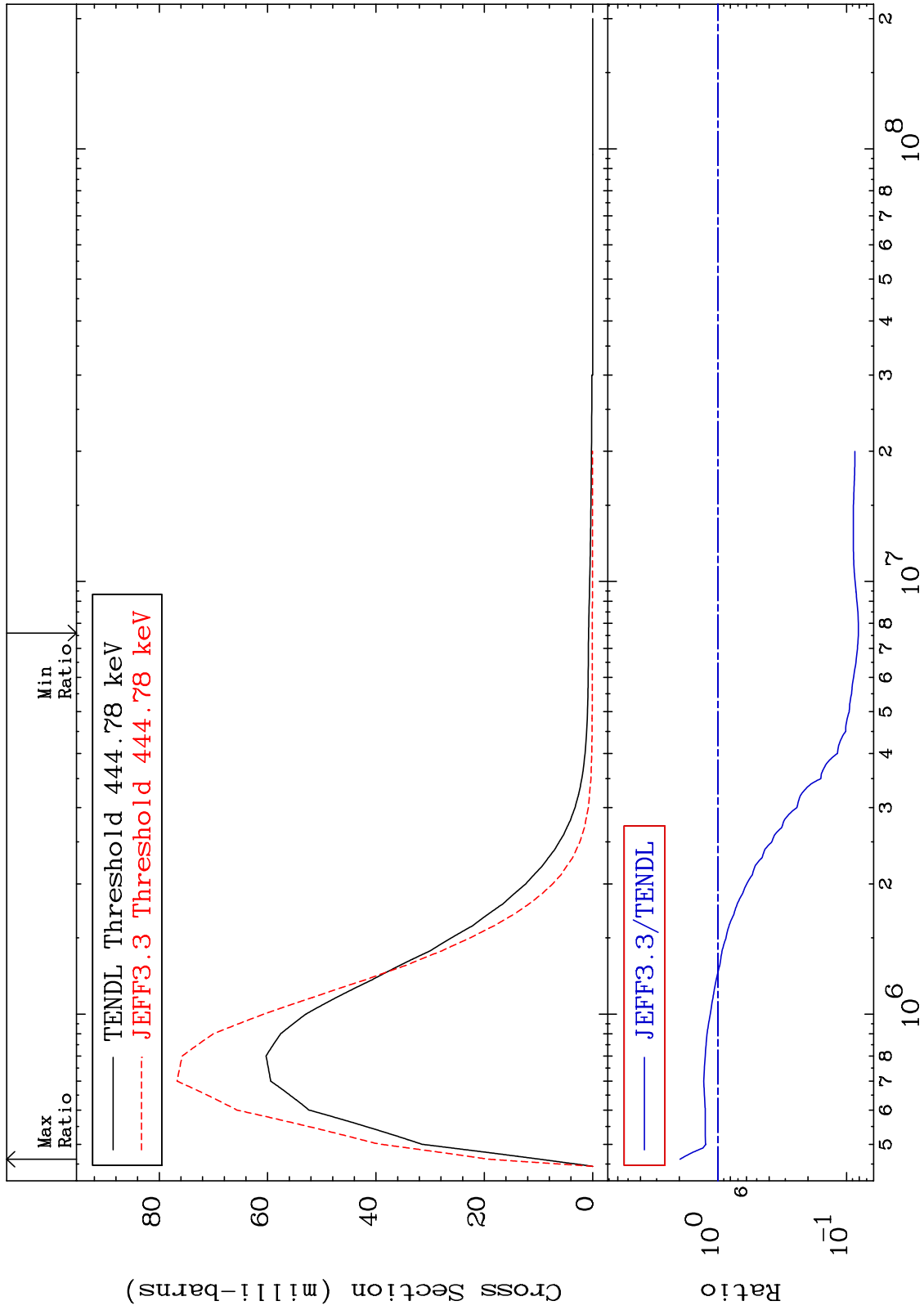
98-Cf-249
-48.17 To 9999. %



MAT 9852

MT= 65 (n,n') Level
Cross Section

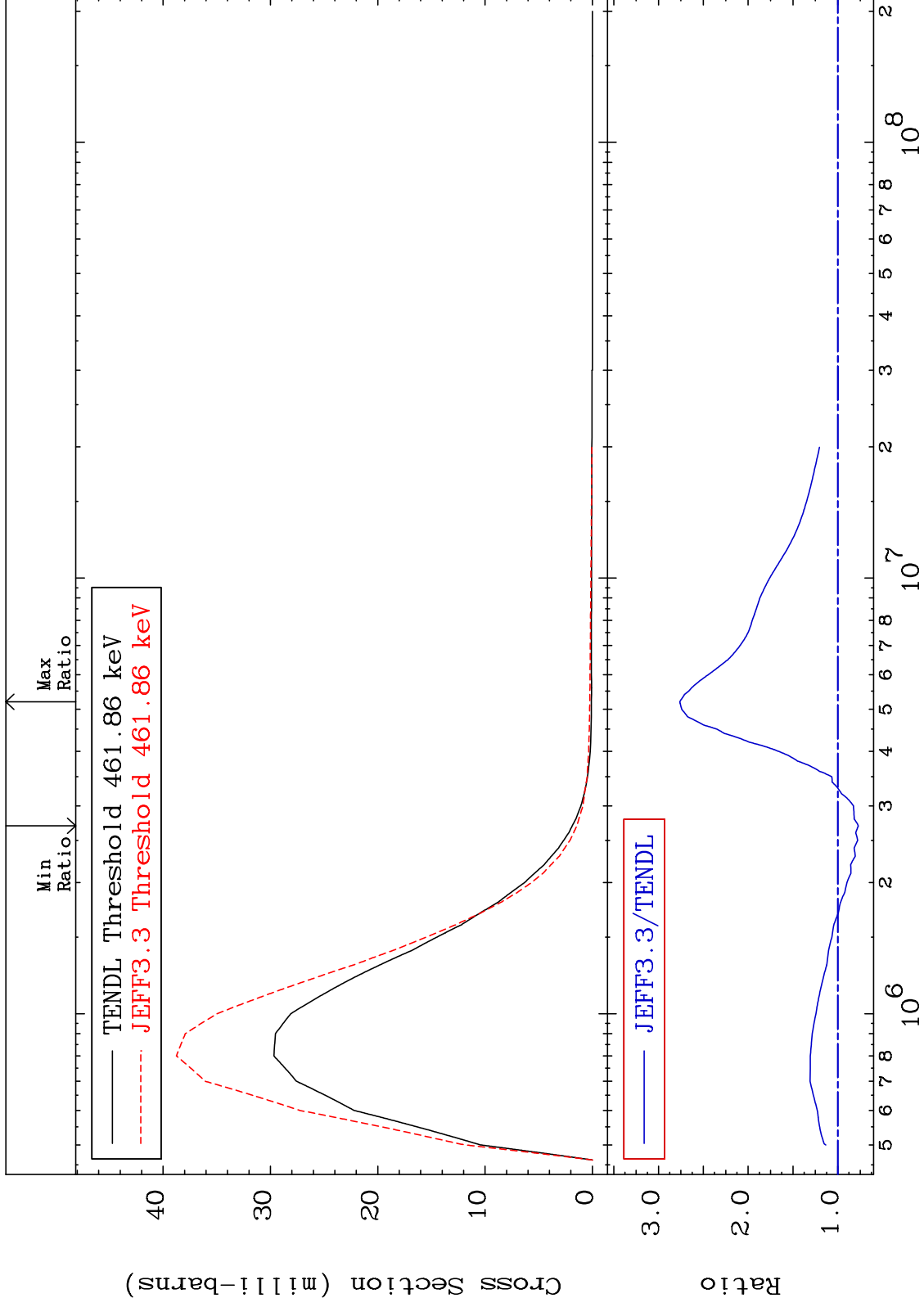
98-Cf-249
-91.90 To 97.05 %



MAT 9852

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

98-Cf-249
-22.95 To 176.3 %



27

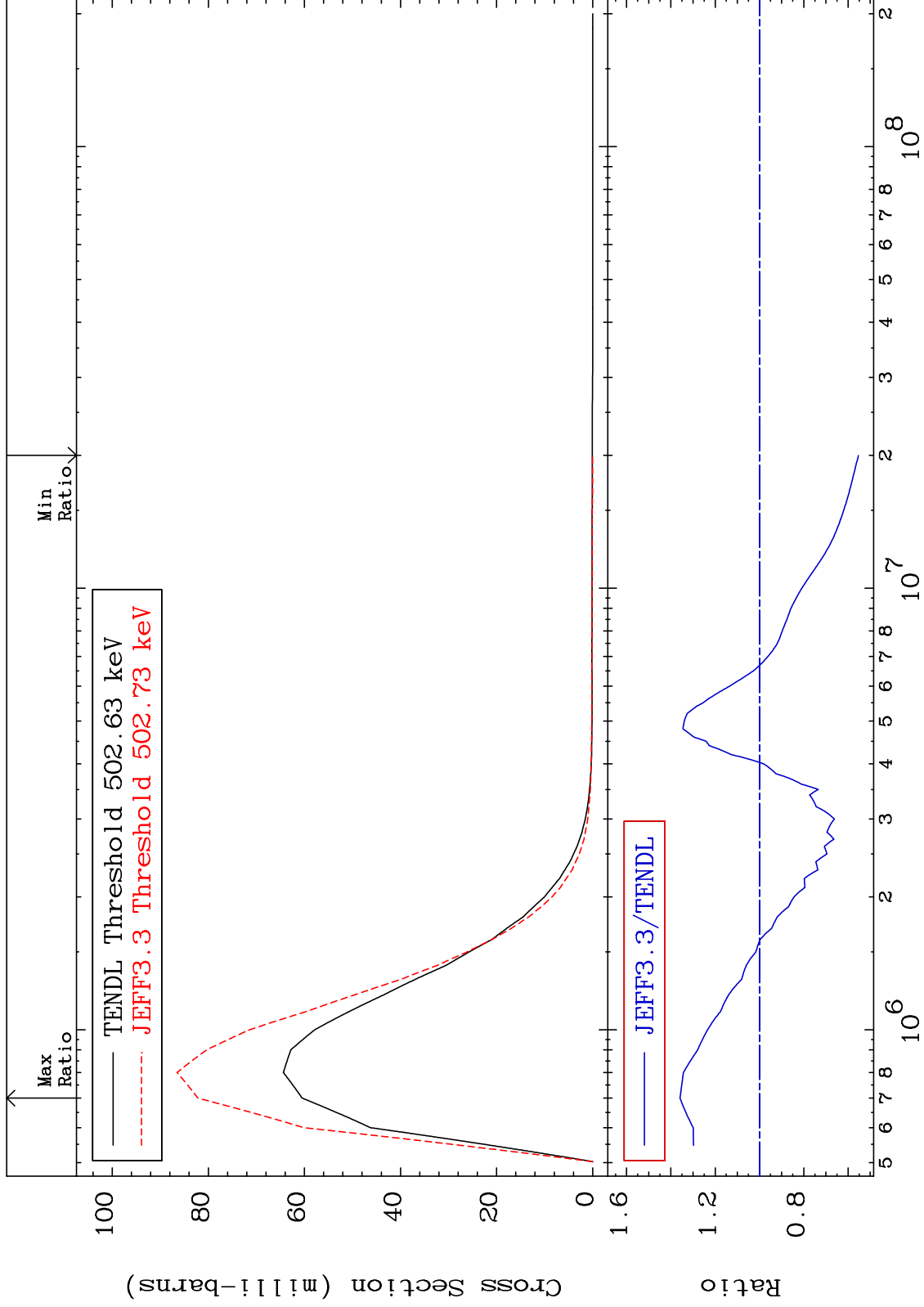
Incident Energy (eV)

98-Cf-249

MAT 9852

MT= 67 (n,n') Level
Cross Section

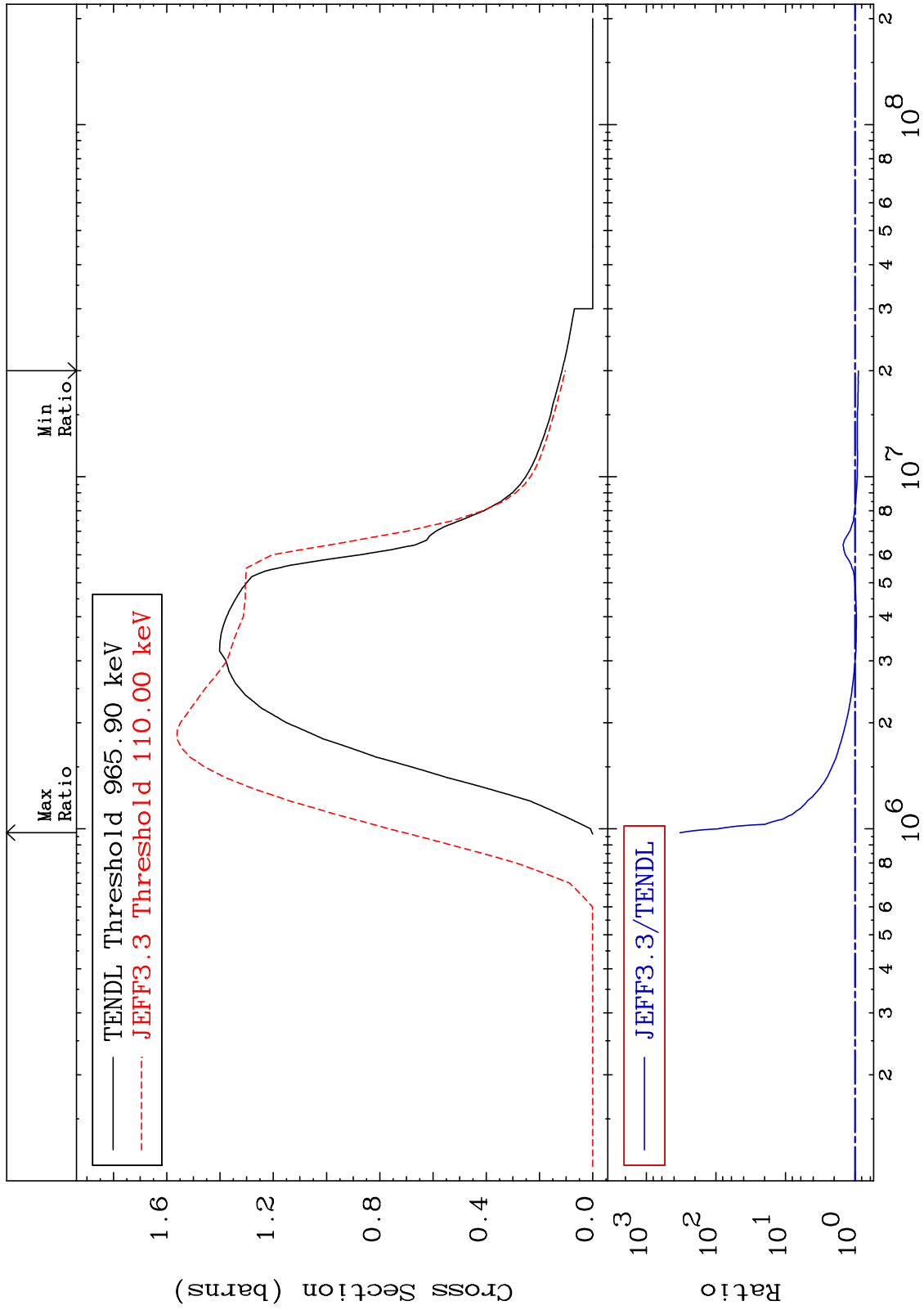
98-Cf-249
-44.66 To 35.88 %



MAT 9852

(n,n') Continuum
Cross Section

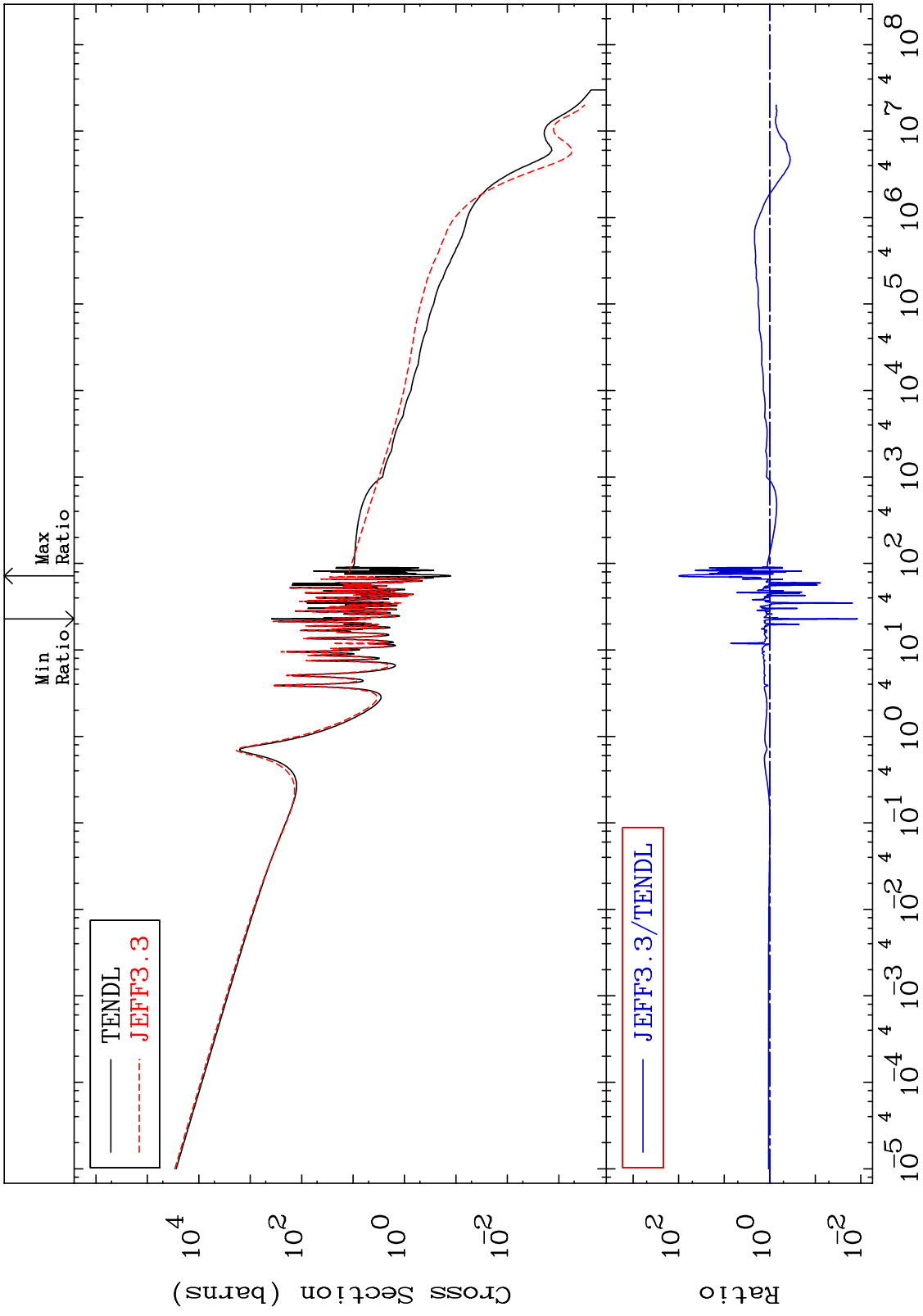
98-Cf-249
-10.73 To 9999. %



MAT 9852

(n, γ)
Cross Section

98-Cf-249
-98.81 To 9879. %



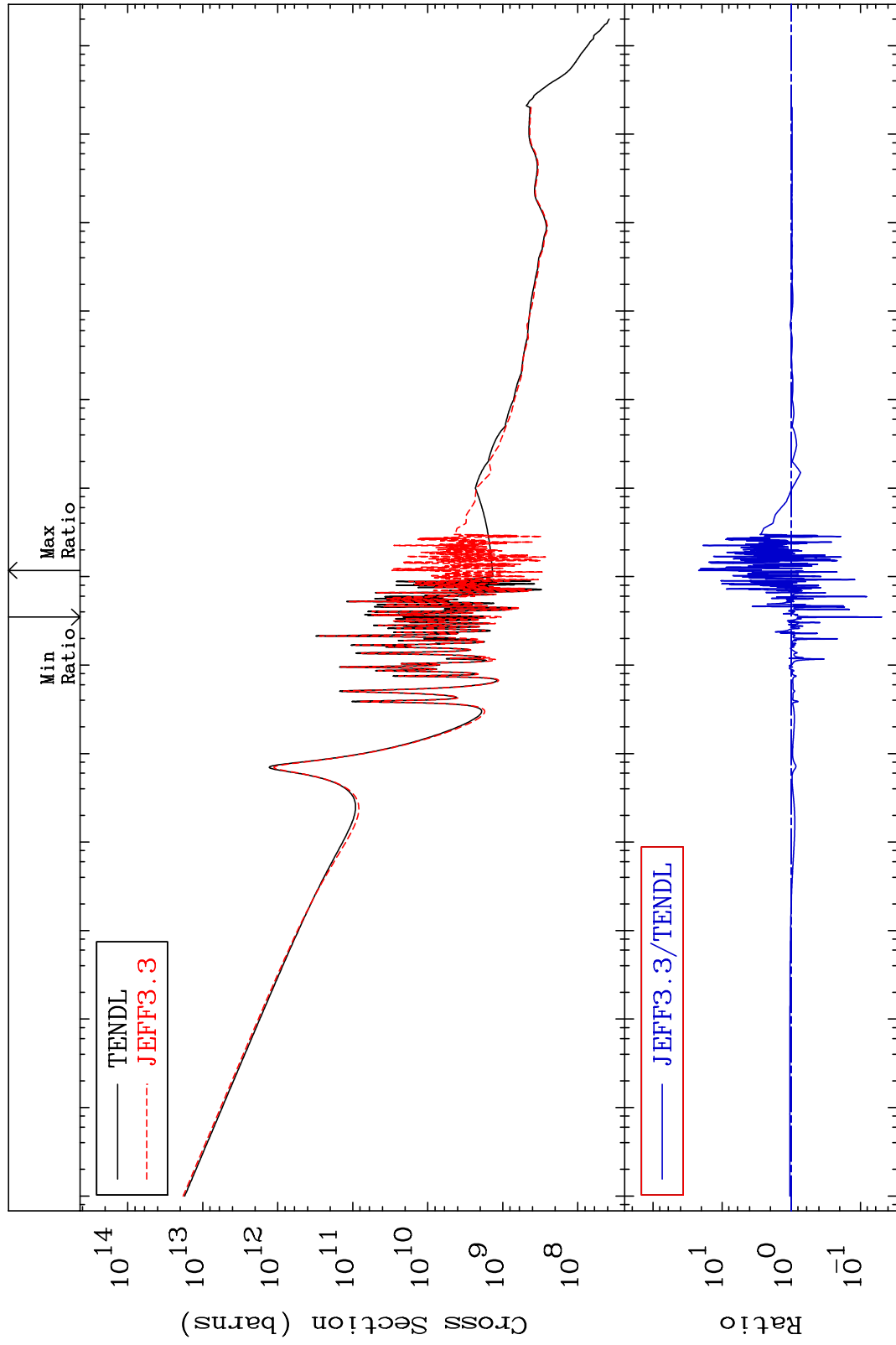
MAT 9852

Kerma total (eV-barns)

98-Cf-249

-95.05 To 2081. %

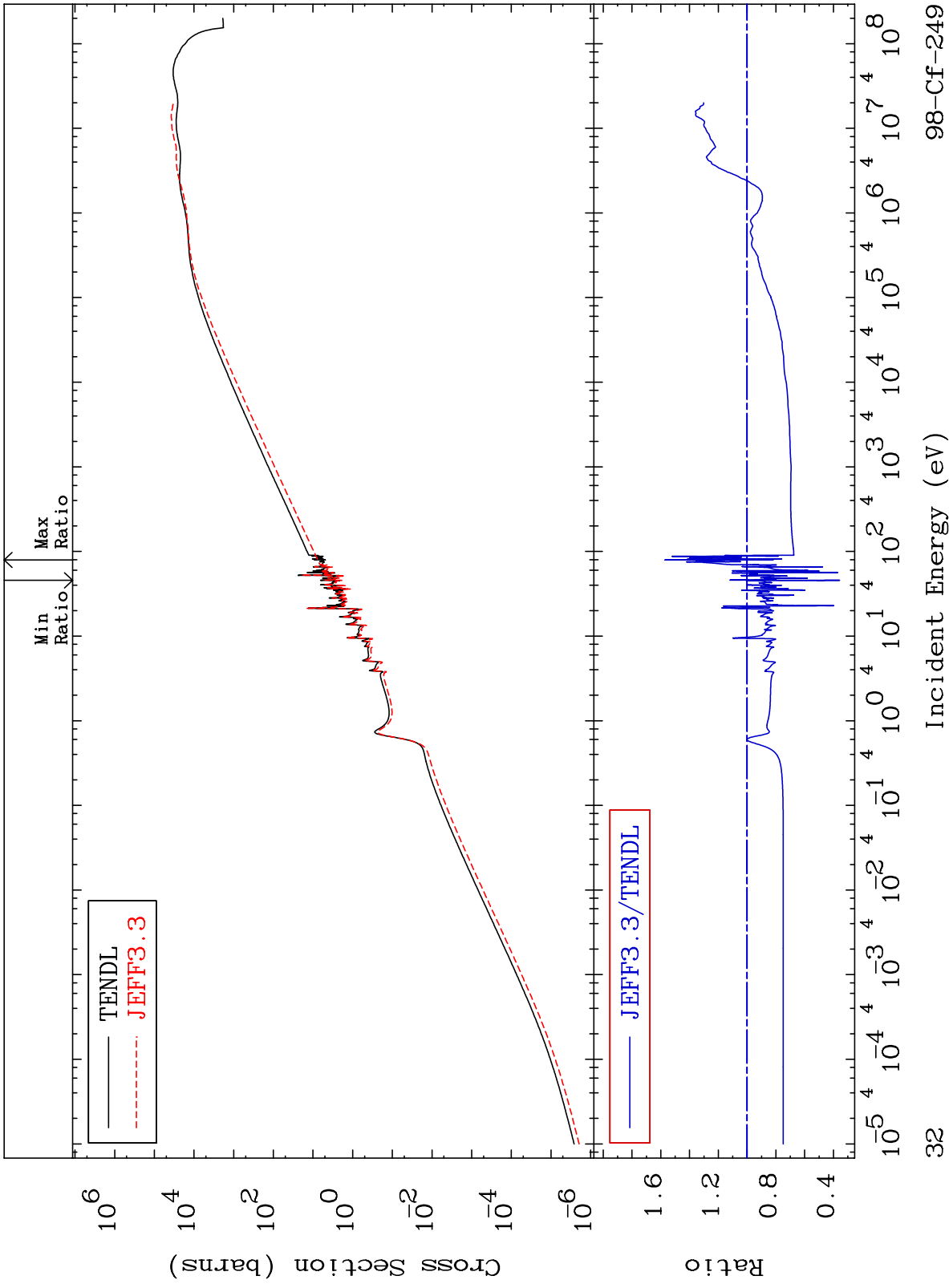
Cross Section



MAT 9852

Kerma elastic
Cross Section

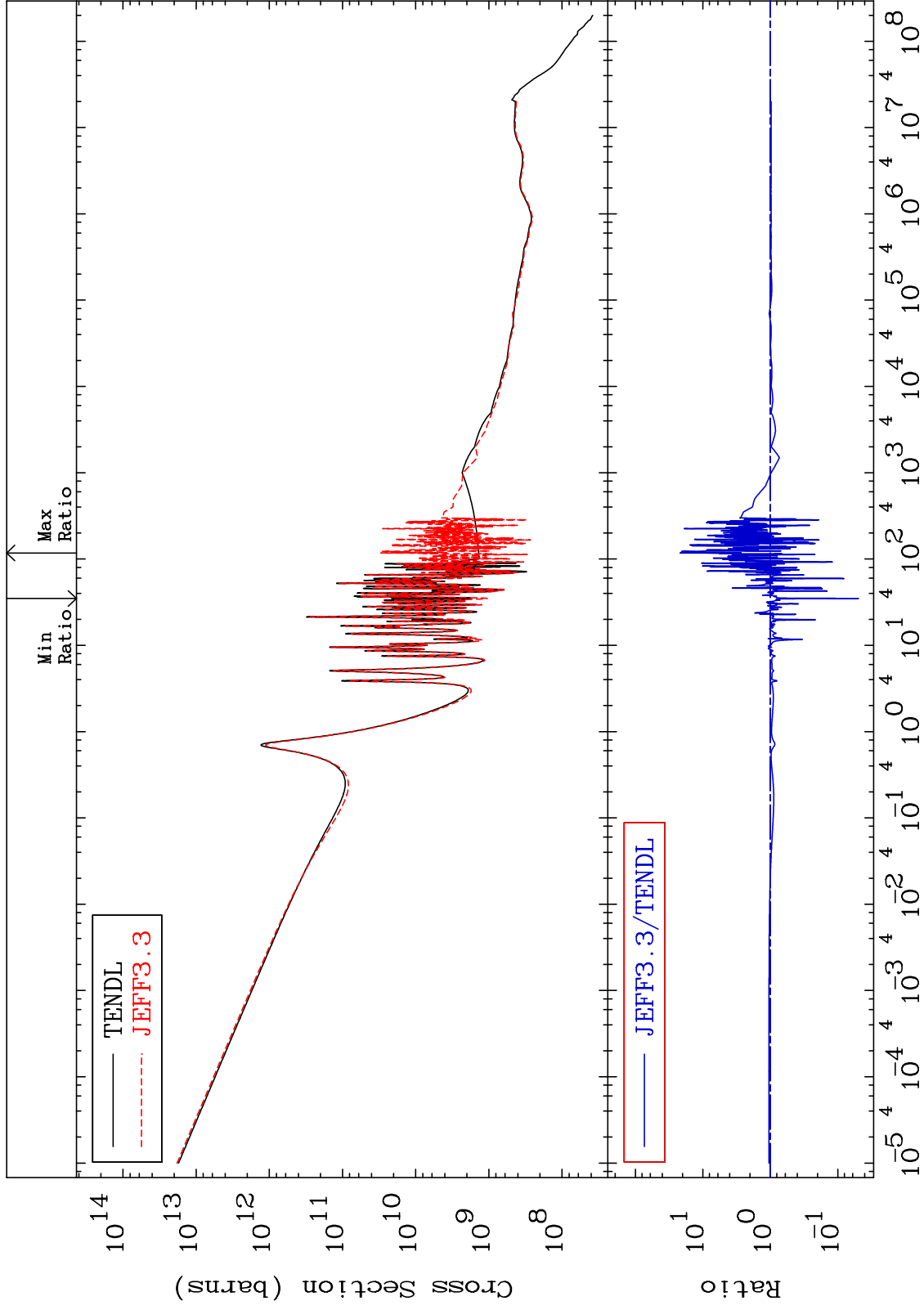
98-Cf-249
-64.37 To 57.26 %



MAT 9852

Kerma non-elastic (all but mt2)
Cross Section

98-Cf-249
-95.05 To 2081. %



33

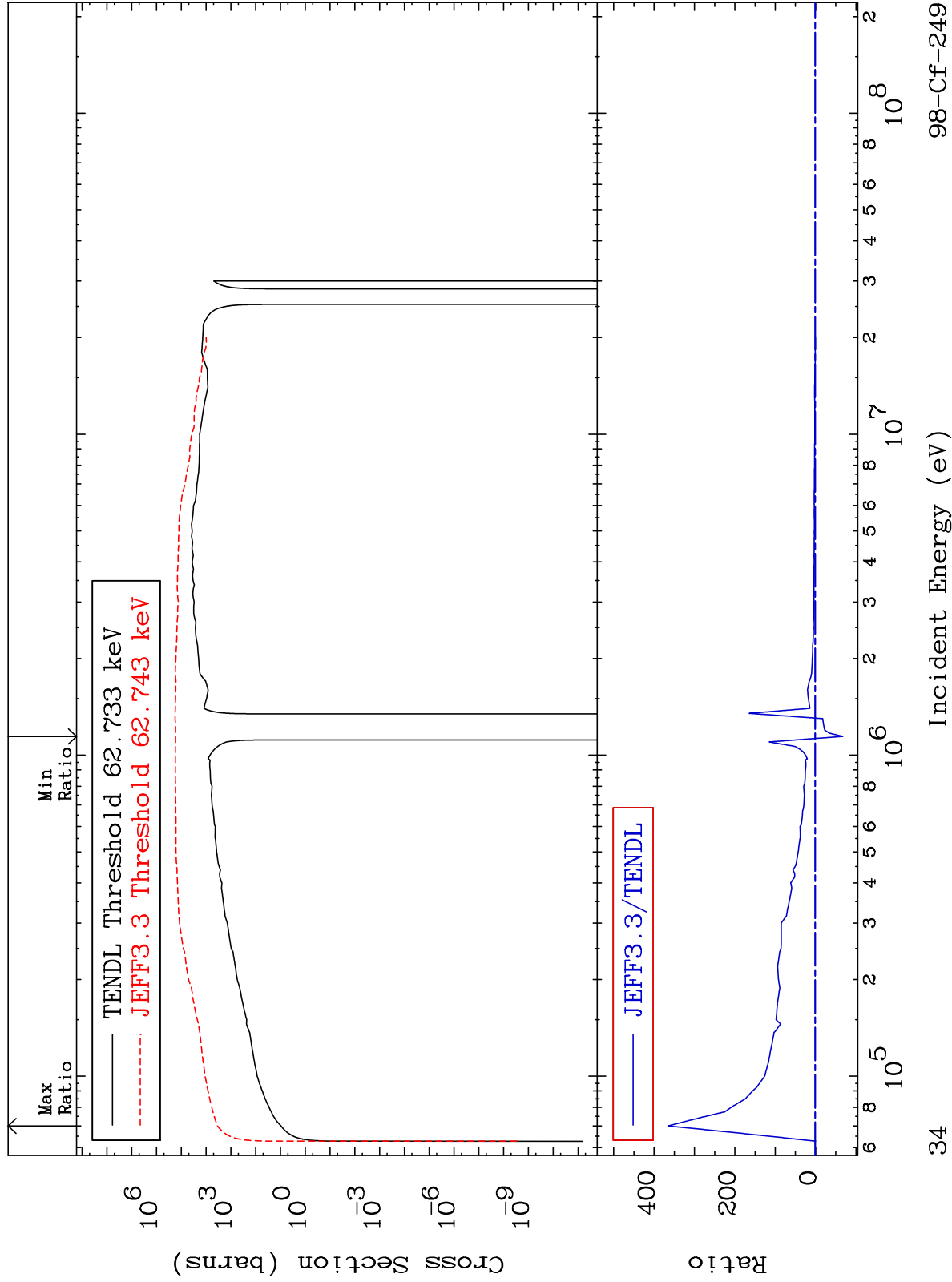
Incident Energy (eV)

98-Cf-249

MAT 9852

Kerma inelastic (mt51-91)
Cross Section

98-Cf-249
-6841. To 9999. %



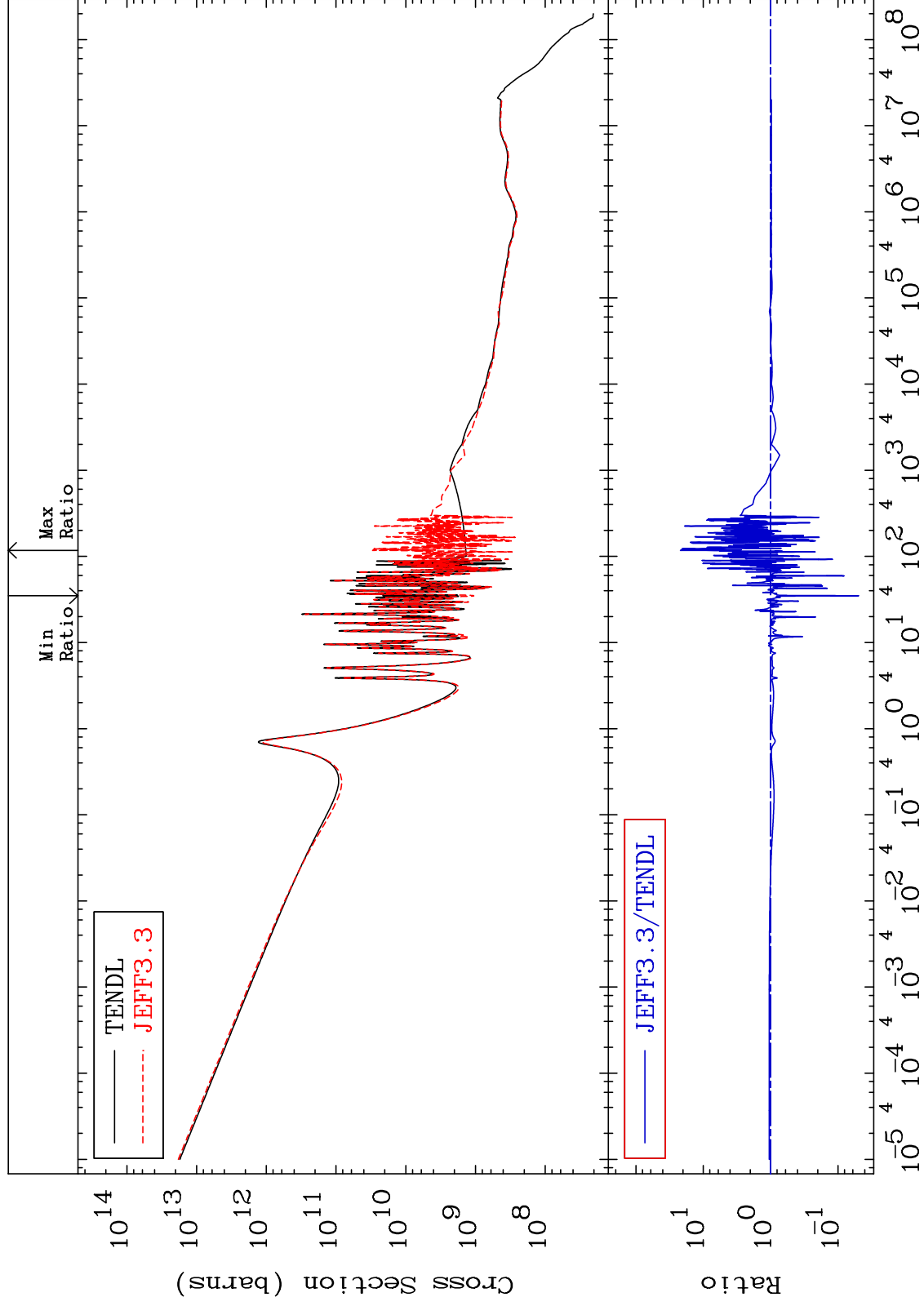
MAT 9852

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

98-Cf-249

-95.05 To 2081. %

Cross Section



35

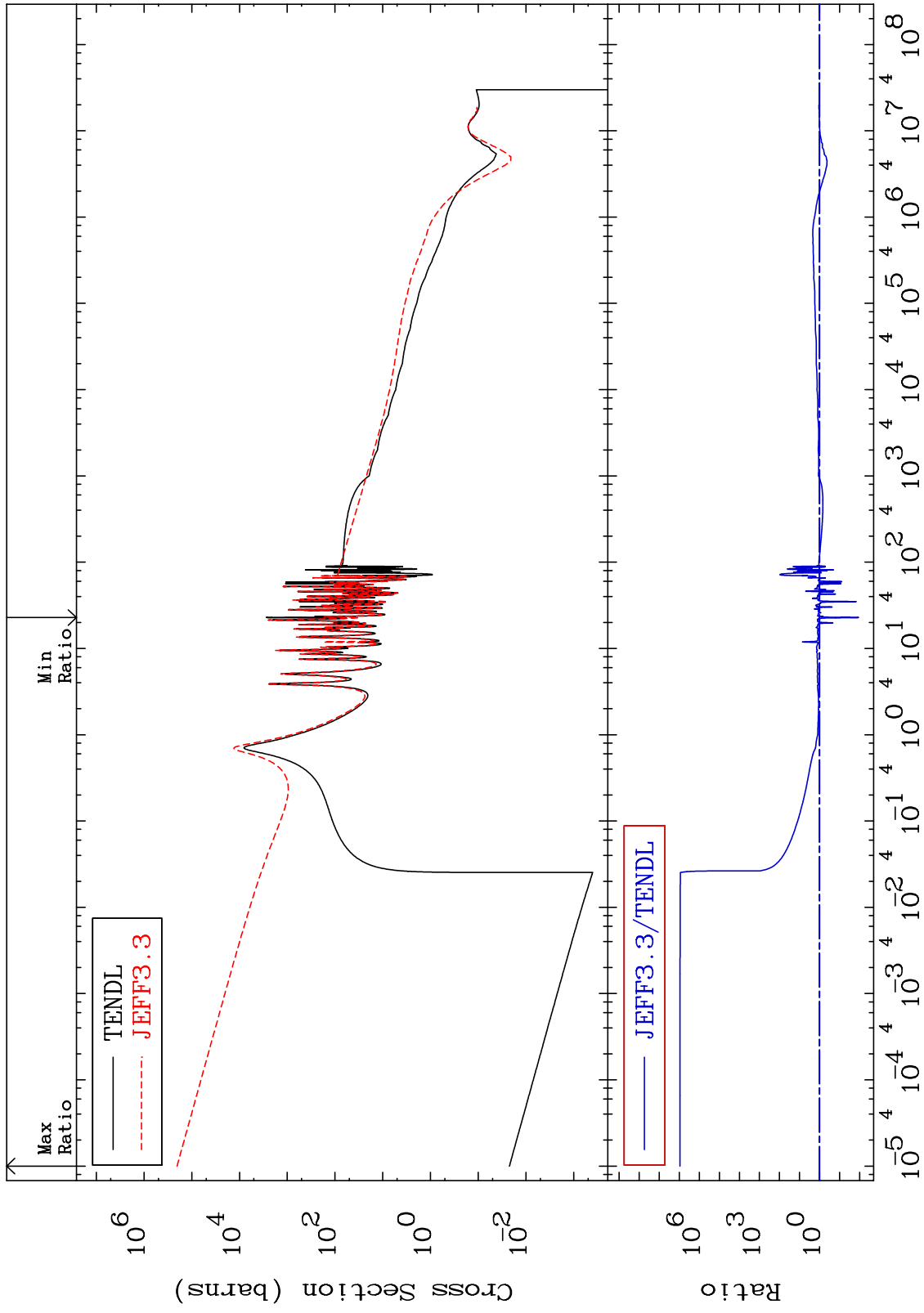
Incident Energy (eV)

98-Cf-249

MAT 9852

Kerma capture (mt102)
Cross Section

98-Cf-249
-98.84 To 9999. %



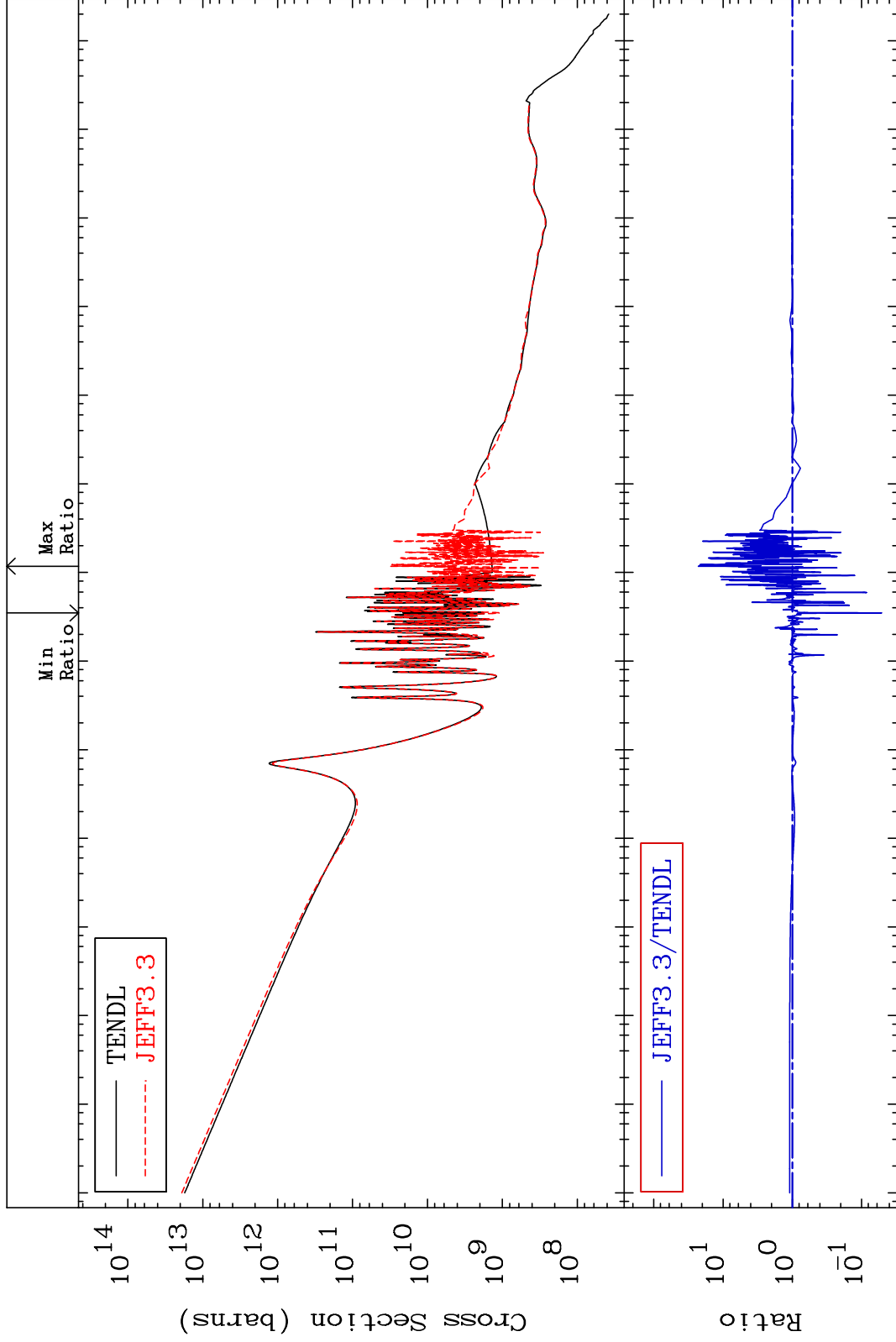
MAT 9852

Total kinematic kerma (high limit)

98-Cf-249

-94.84 To 2175. %

Cross Section



38

Incident Energy (eV)

98-Cf-249

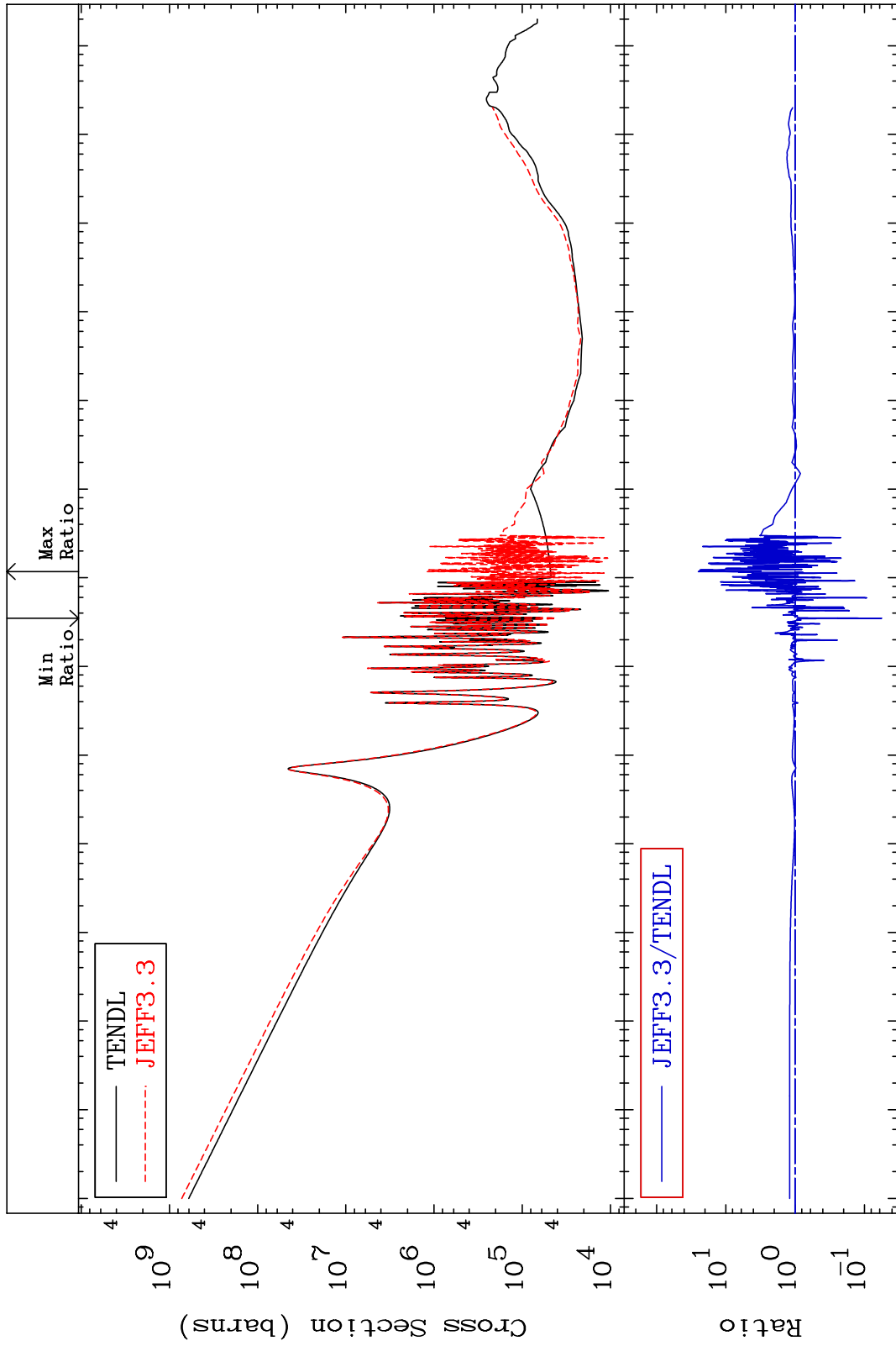
MAT 9852

Dpa total (eV-barns)

98-Cf-249

-94.34 To 2394. %

Cross Section



39

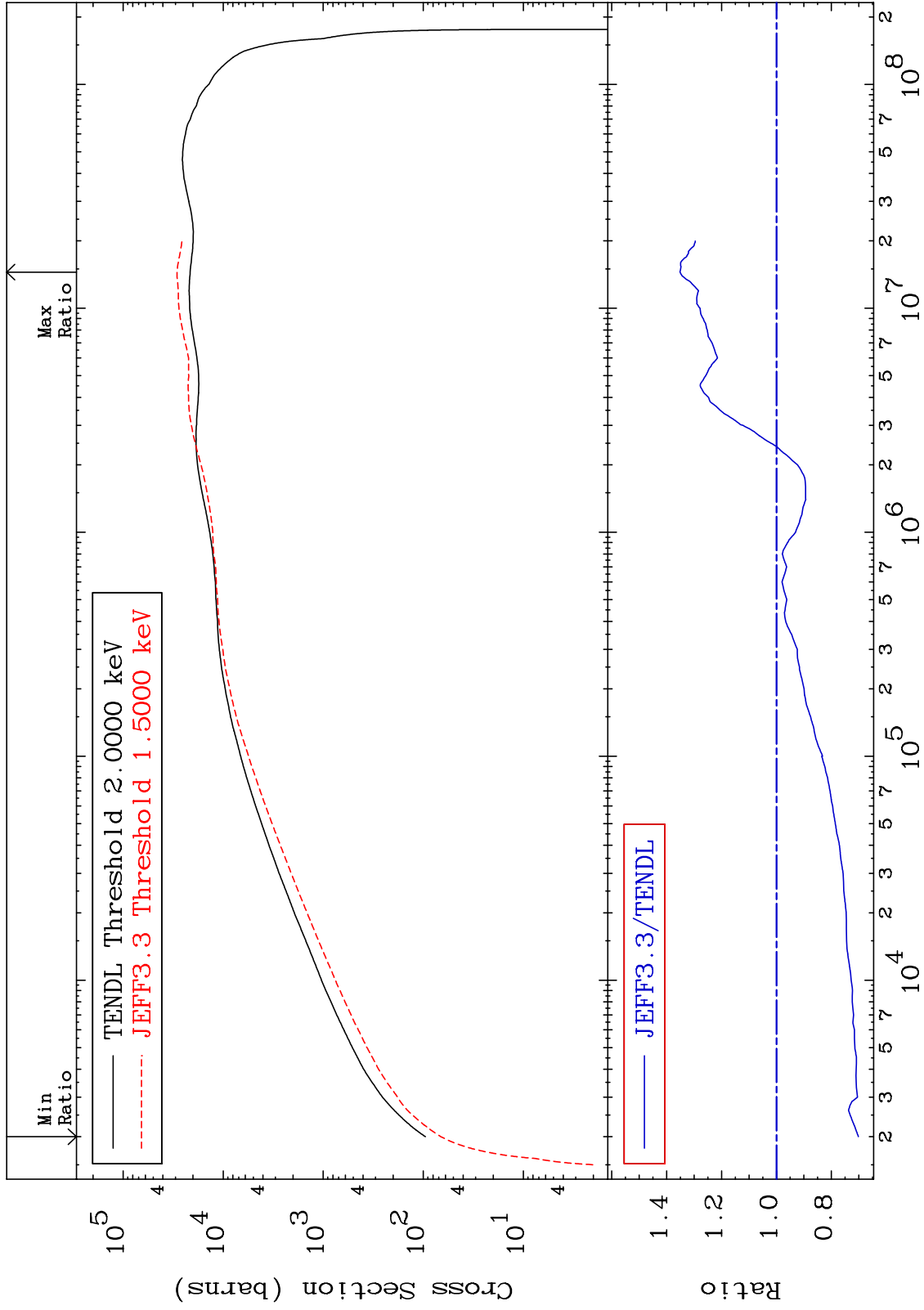
Incident Energy (eV)

98-Cf-249

MAT 9852

Dpa elastic (mt2)
Cross Section

98-Cf-249
-29.84 To 35.12 %



40

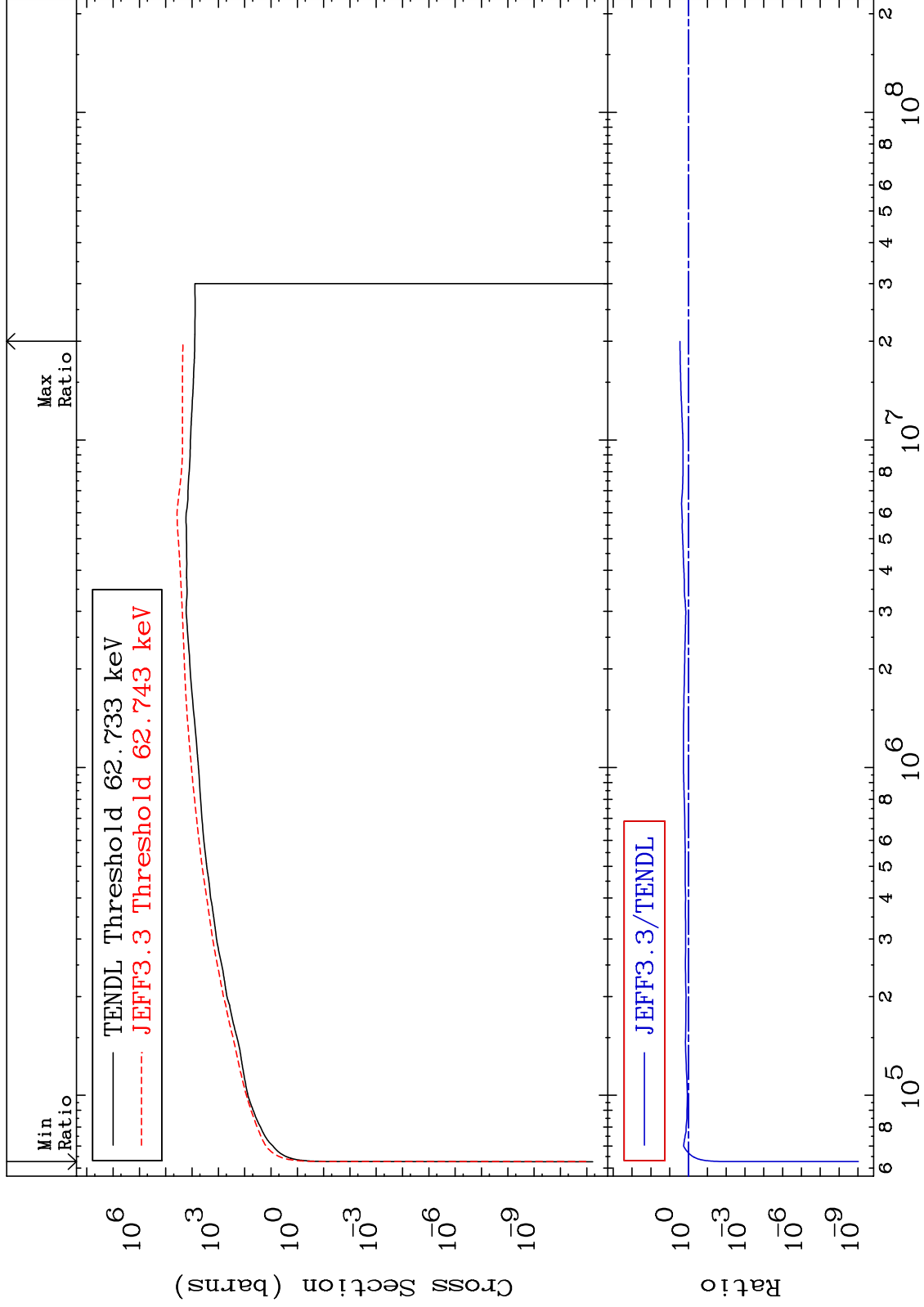
Incident Energy (eV)

98-Cf-249

MAT 9852

Dpa inelastic (mt51-91)
Cross Section

98-Cf-249
-100.0 To 182.6 %



MAT 9852

Dpa disappearance (mt102 -120)
Cross Section

98-Cf-249
-100.0 To 9999. %

