

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

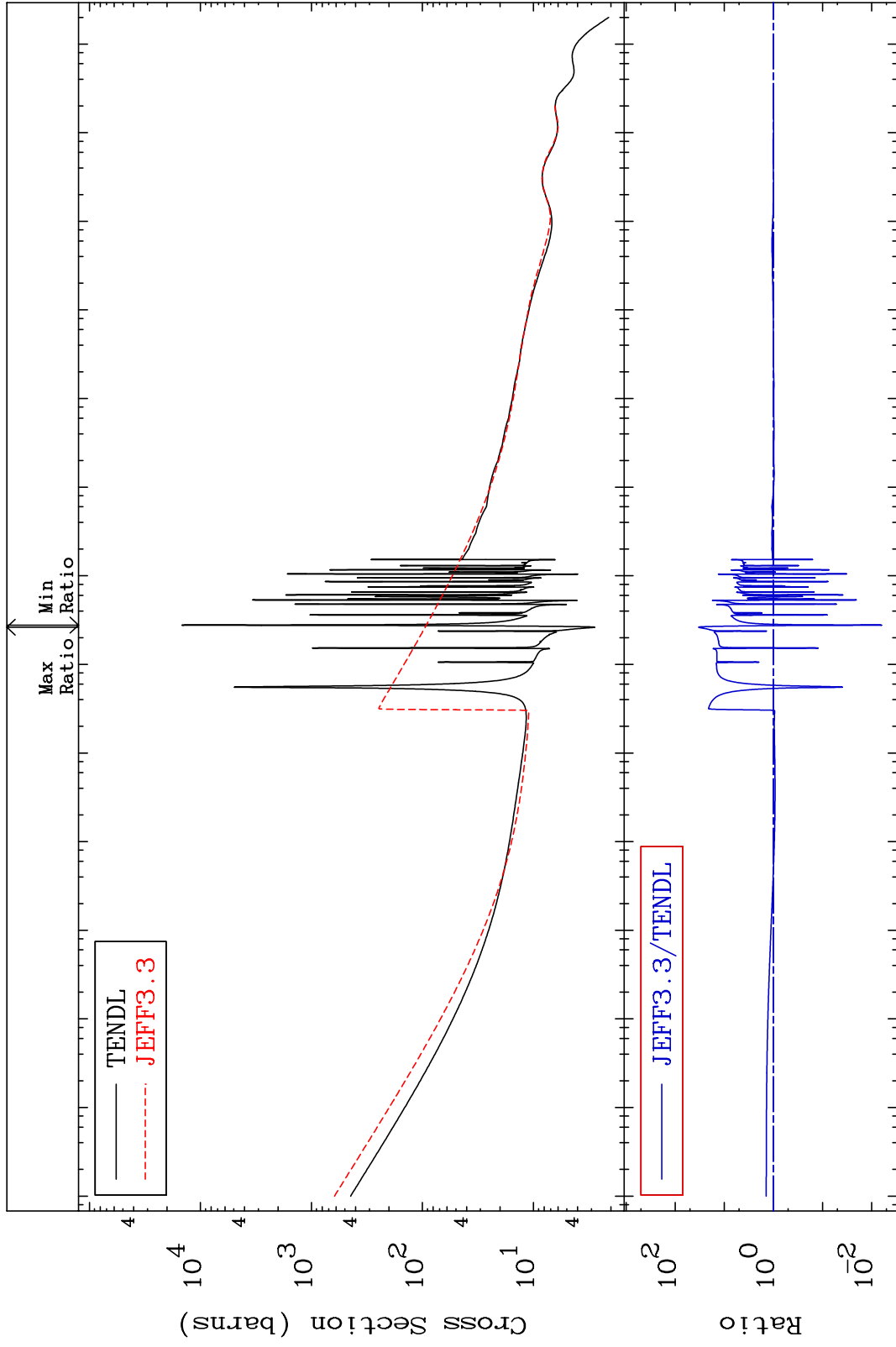
MAT 9652

Total

96-Cm-249

Cross Section

-99.37 To 3271. %



10⁴

10³

10²

10¹

10⁰

10⁻¹

10⁻²

10⁻³

10⁻⁴

10⁻⁵

10⁴

10³

10²

10¹

10⁰

10⁻¹

10⁻²

10⁻³

10⁻⁴

10⁻⁵

10⁴

10³

10²

10¹

10⁰

10⁻¹

10⁻²

10⁻³

10⁻⁴

10⁻⁵

Incident Energy (eV)

96-Cm-249

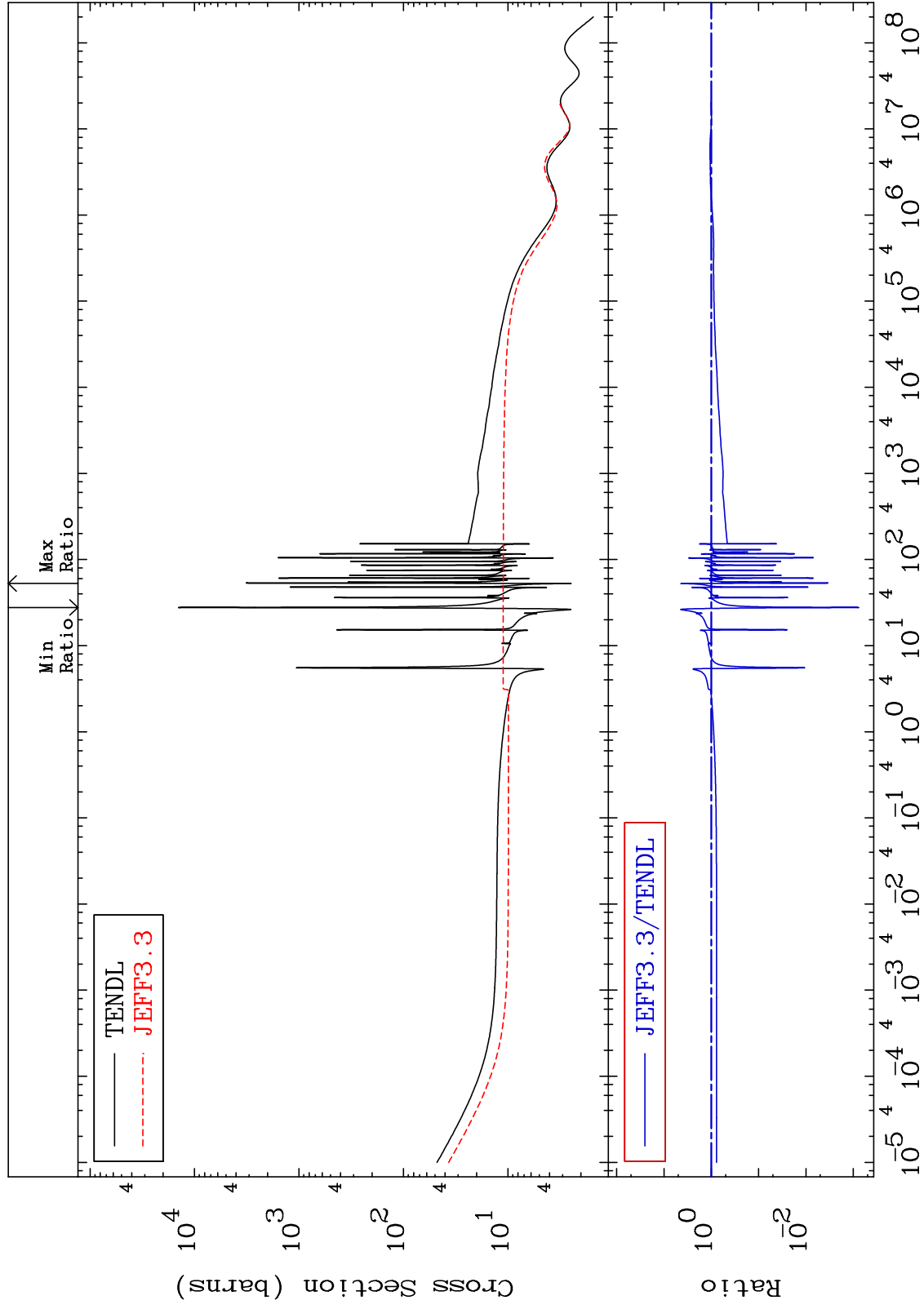
MAT 9652

Elastic

Cross Section

96-Cm-249

-99.92 To 348.7 %

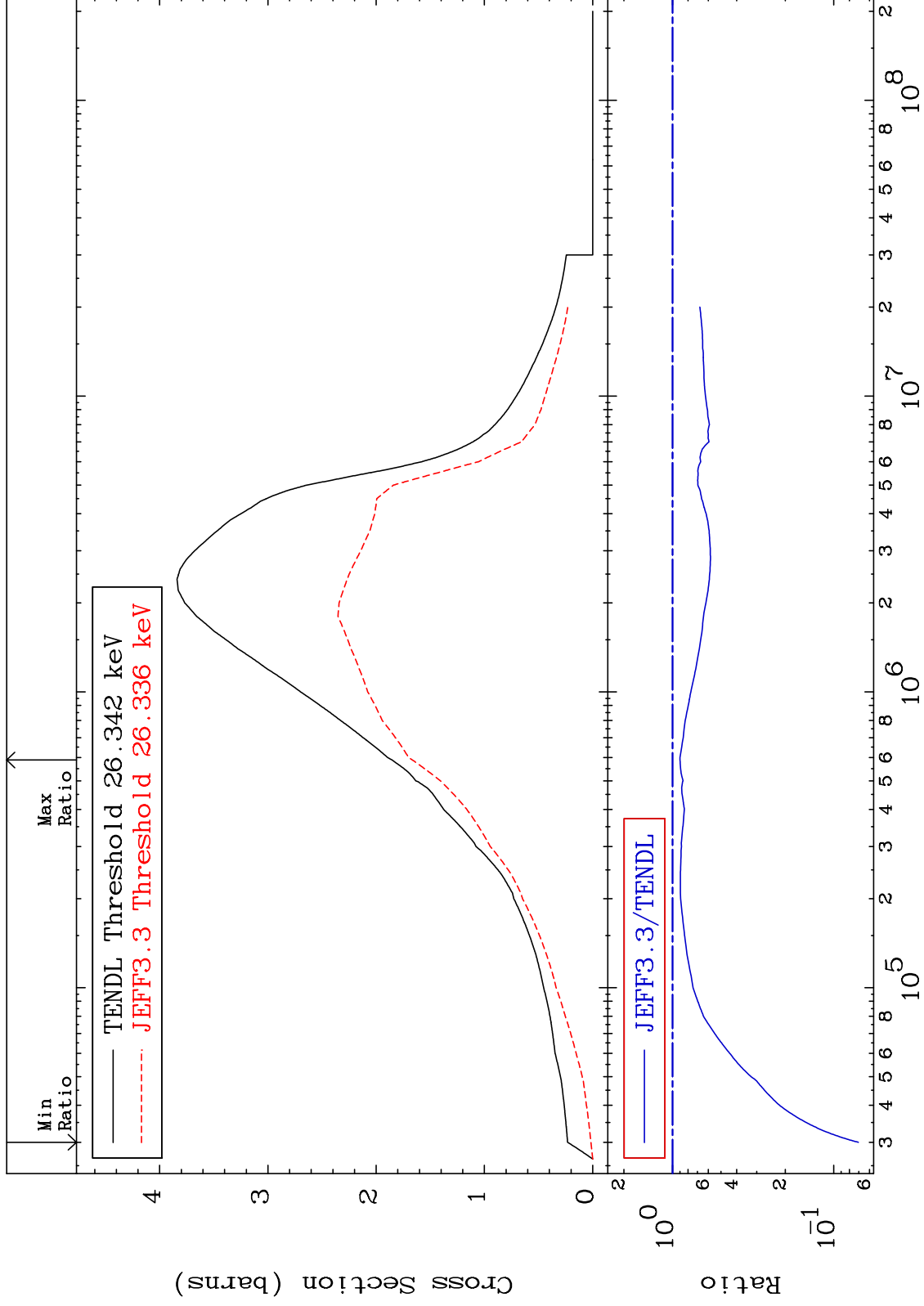


MAT 9652

Inelastic
Cross Section

96-Cm-249

-92.96 To -10.18%



96-Cm-249

Incident Energy (eV)

3

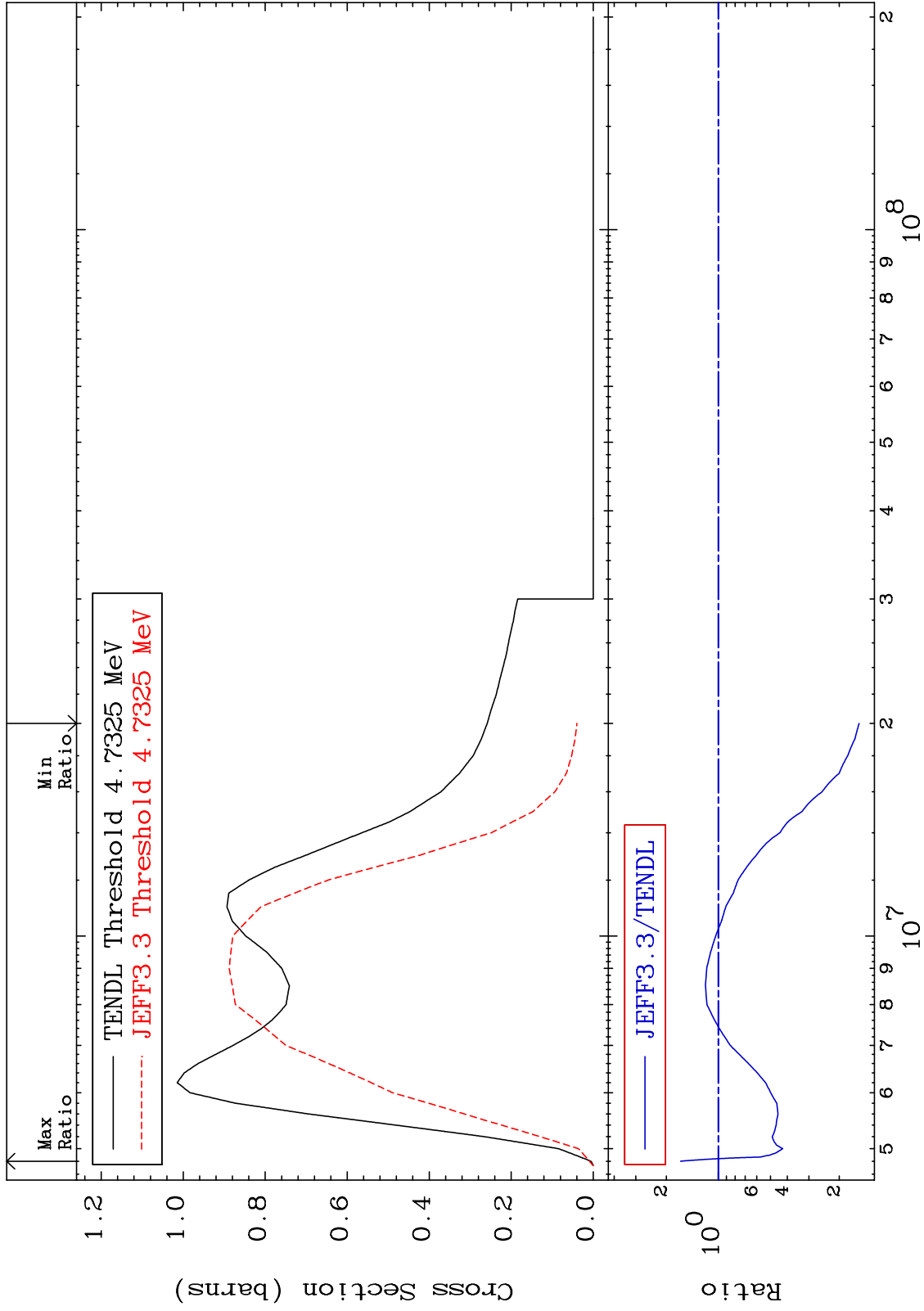
MAT 9652

(n,2n)

96-Cm-249

Cross Section

-84.64 To 65.25 %



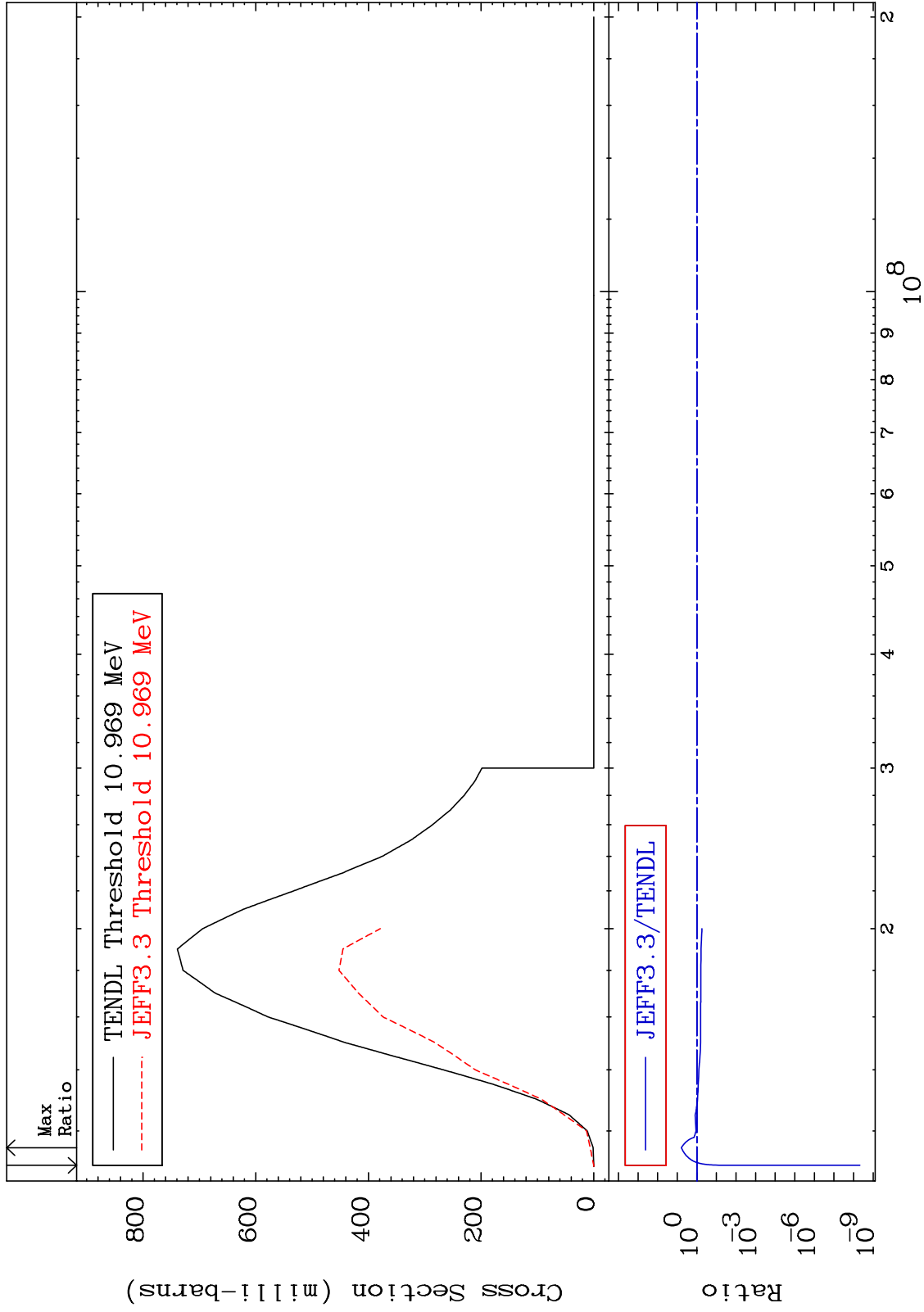
MAT 9652

(n, 3n)

96-Cm-249

Cross Section

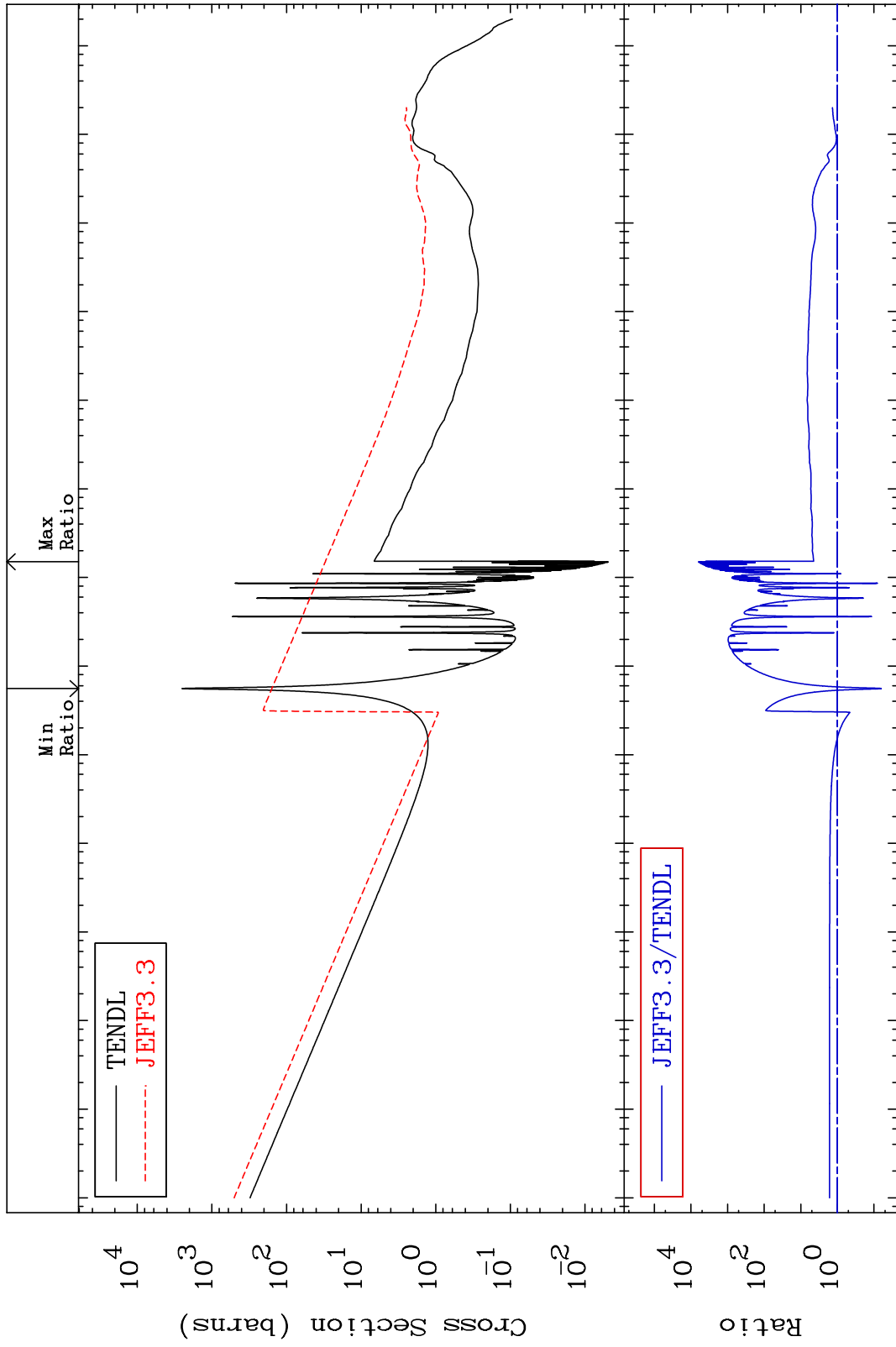
-100.0 To 523.4 %



MAT 9652

Fission Cross Section

96-Cm-249
-93.79 To 9999. %



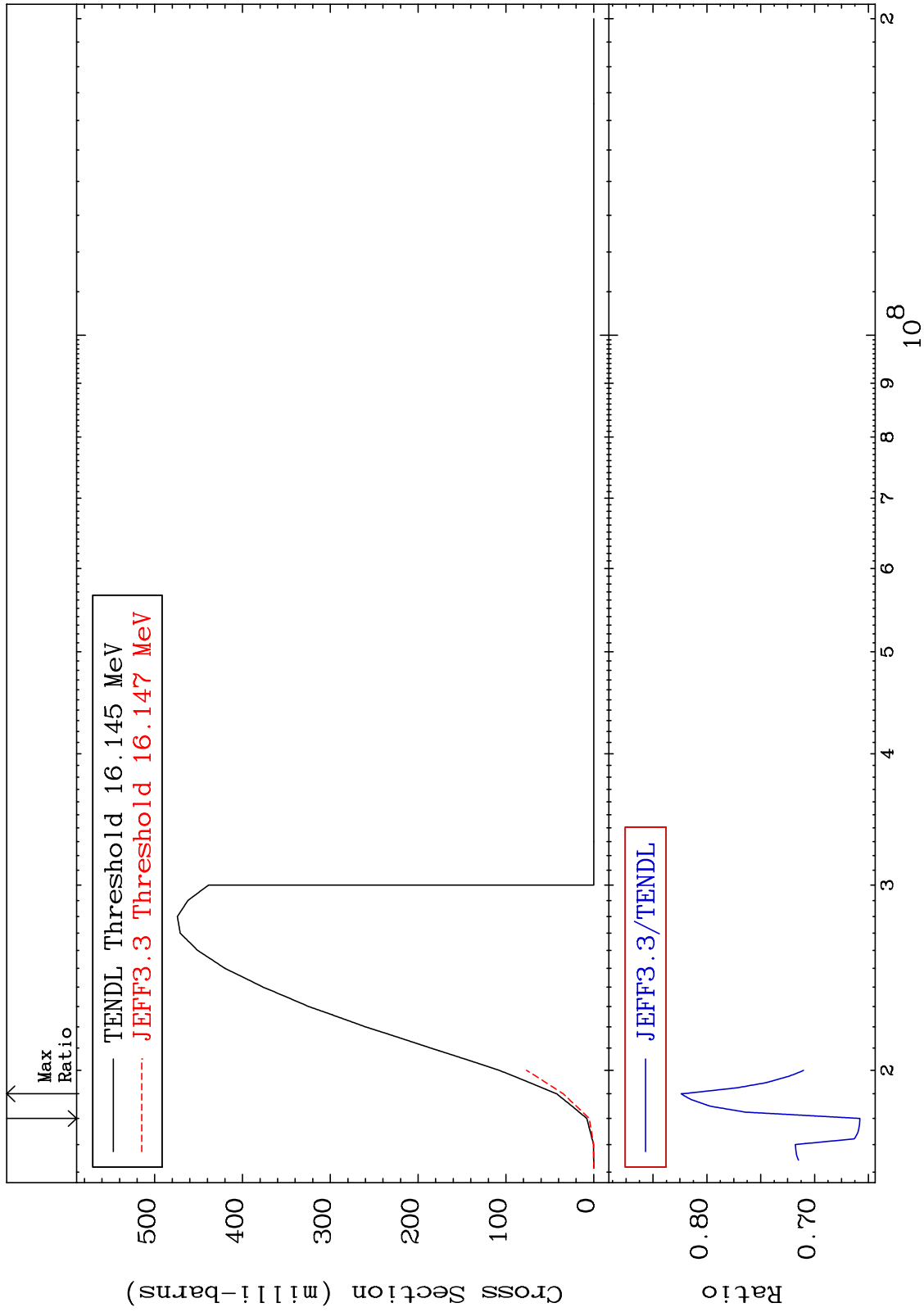
MAT 9652

(n, 4n)

96-Cm-249

Cross Section

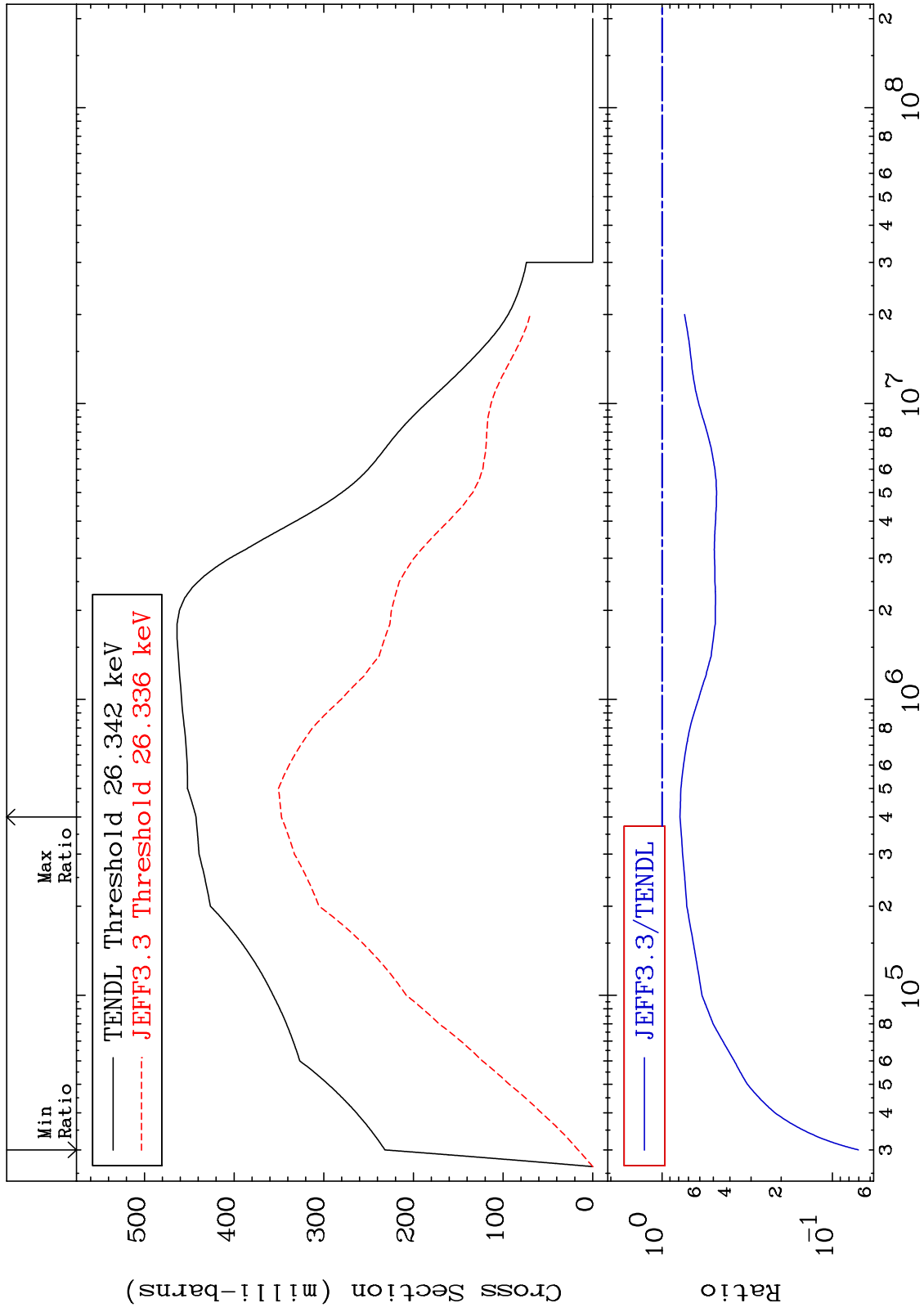
-34.21 To -17.62%



MAT 9652

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

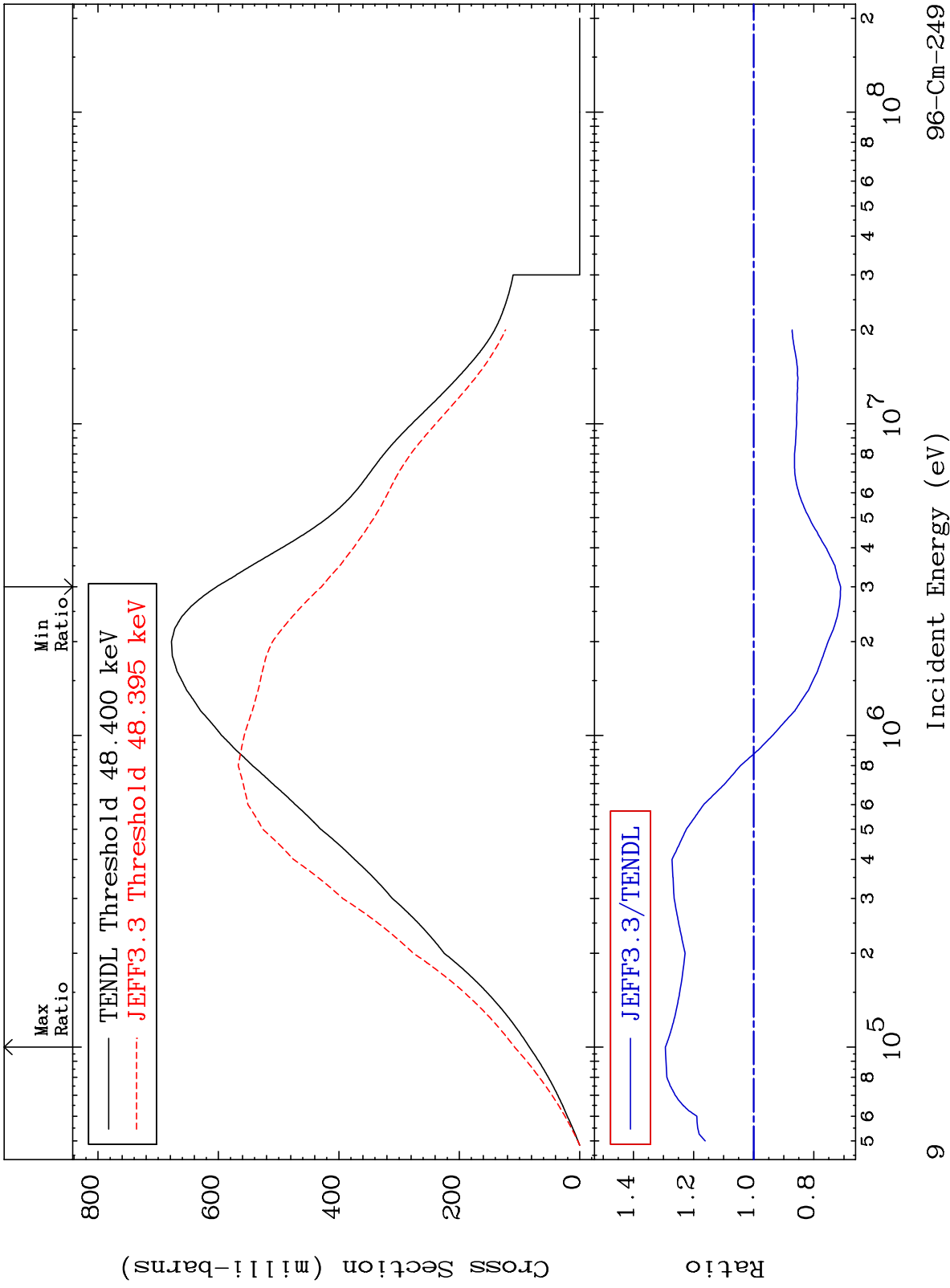
96-Cm-249
-92.96 To -21.52%



MAT 9652

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

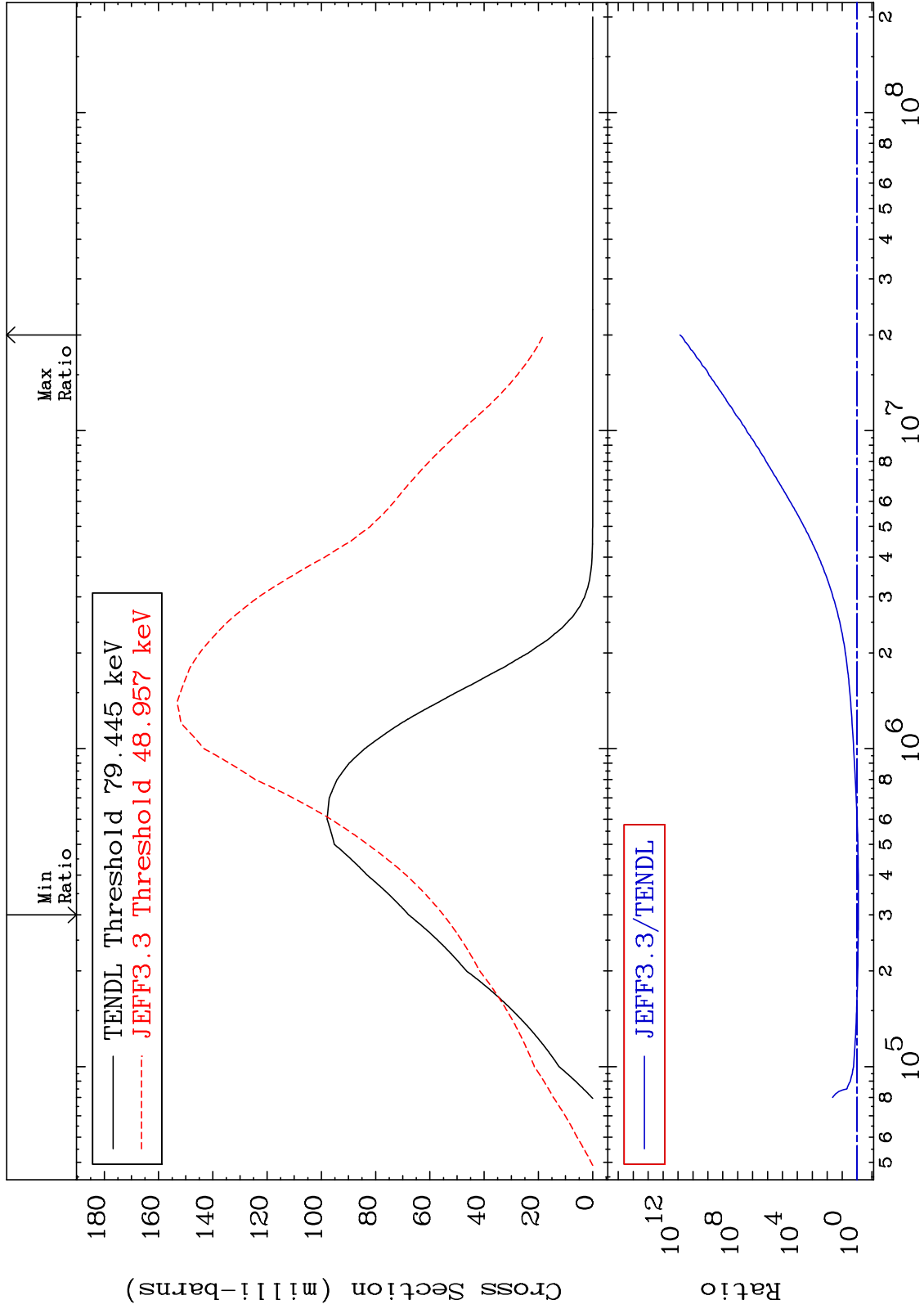
96-Cm-249
-28.90 To 29.34 %



MAT 9652

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

96-Cm-249
-18.86 To 9999. %



10

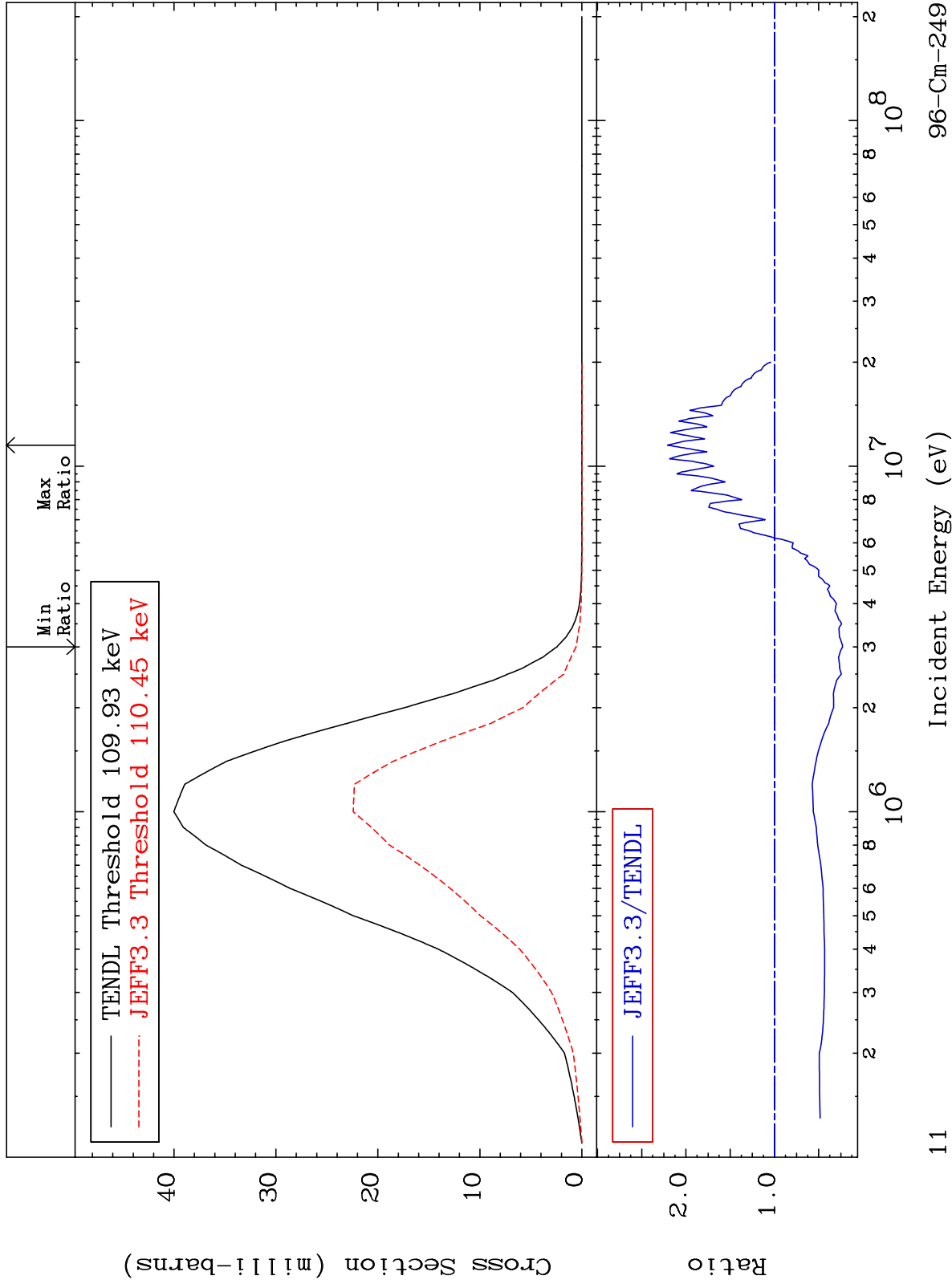
Incident Energy (eV)

96-Cm-249

MAT 9652

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

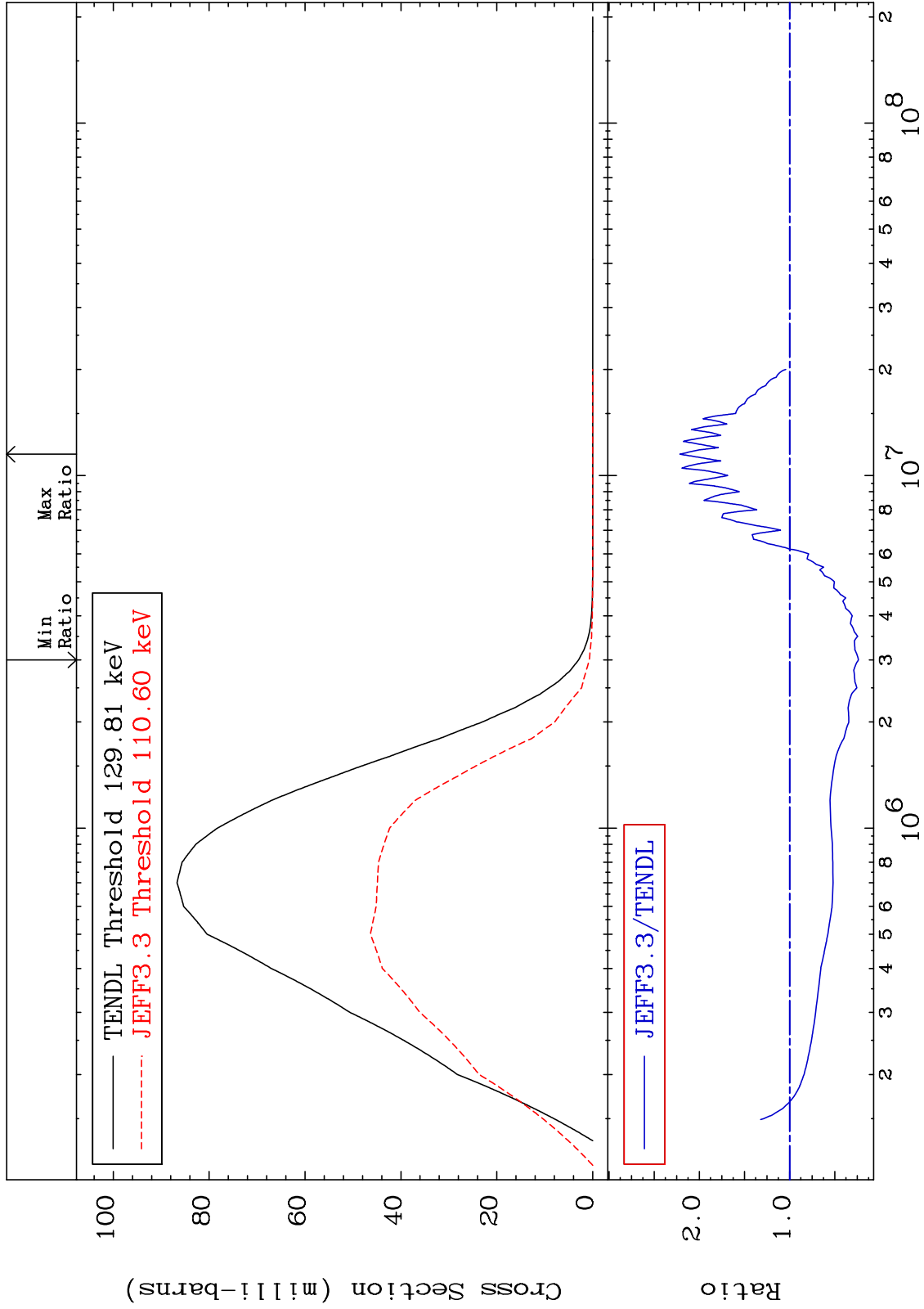
96-Cm-249
-77.04 To 120.8 %



MAT 9652

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

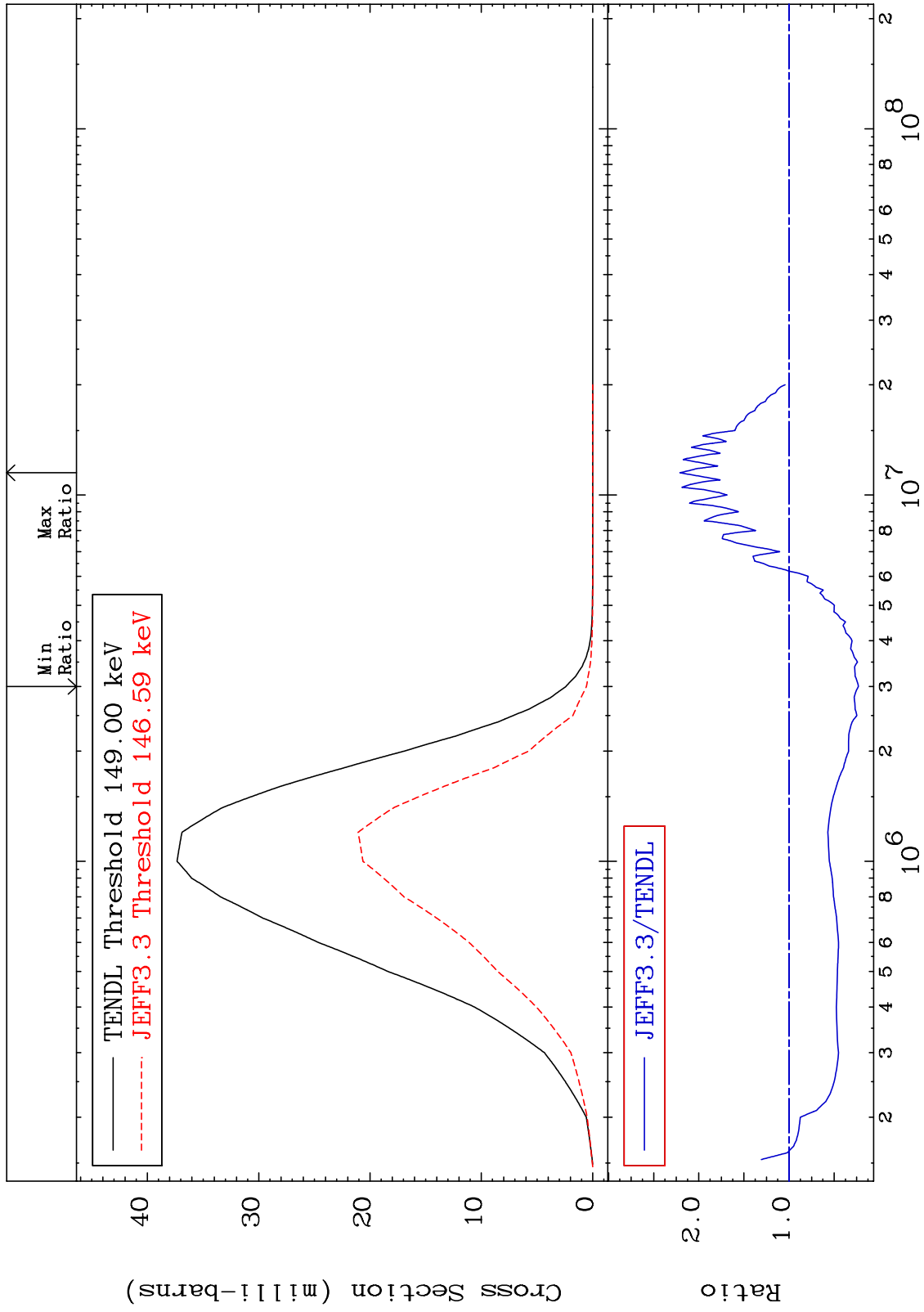
96-Cm-249
-76.26 To 121.3 %



MAT 9652

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

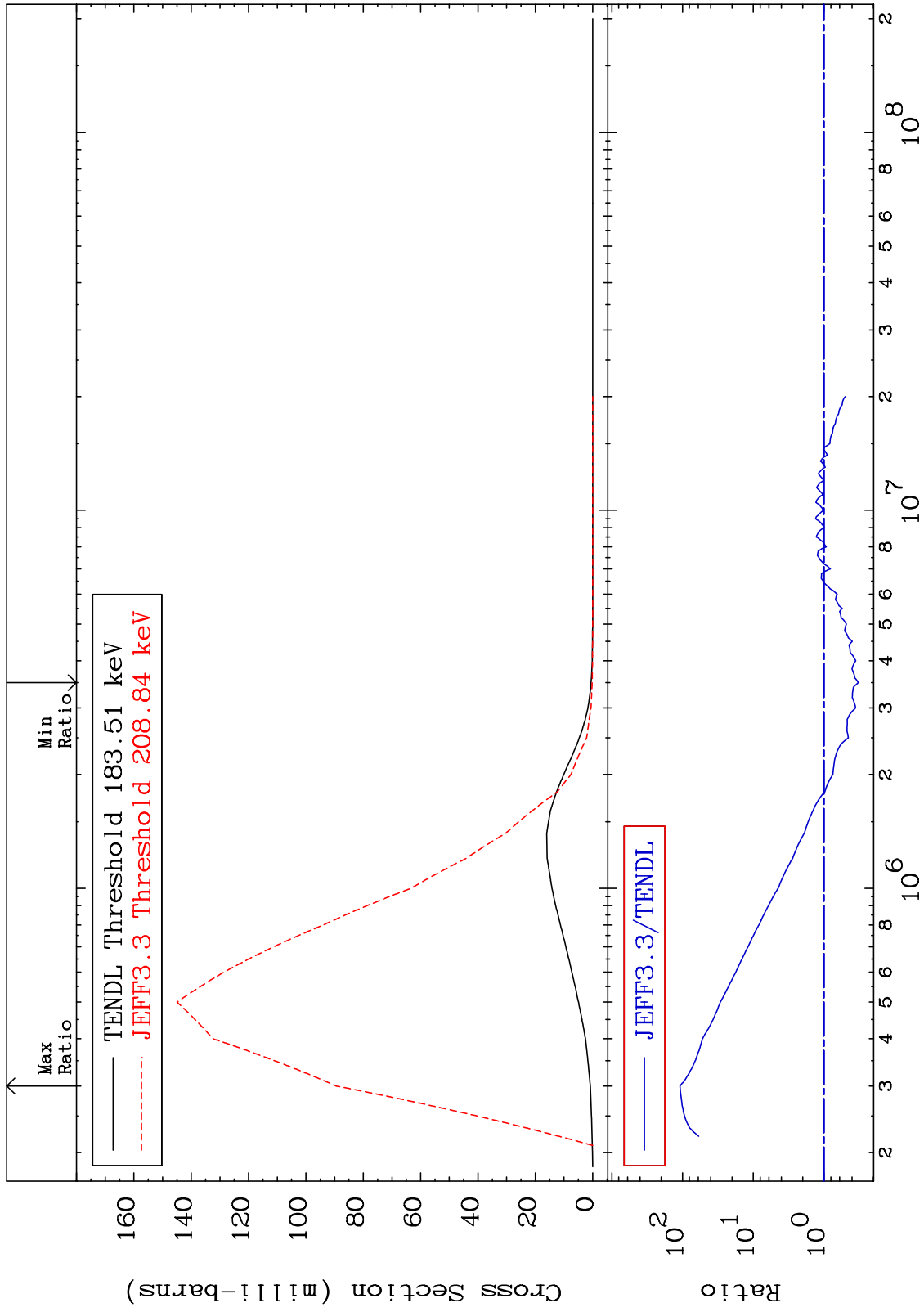
96-Cm-249
-76.87 To 120.8 %



MAT 9652

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

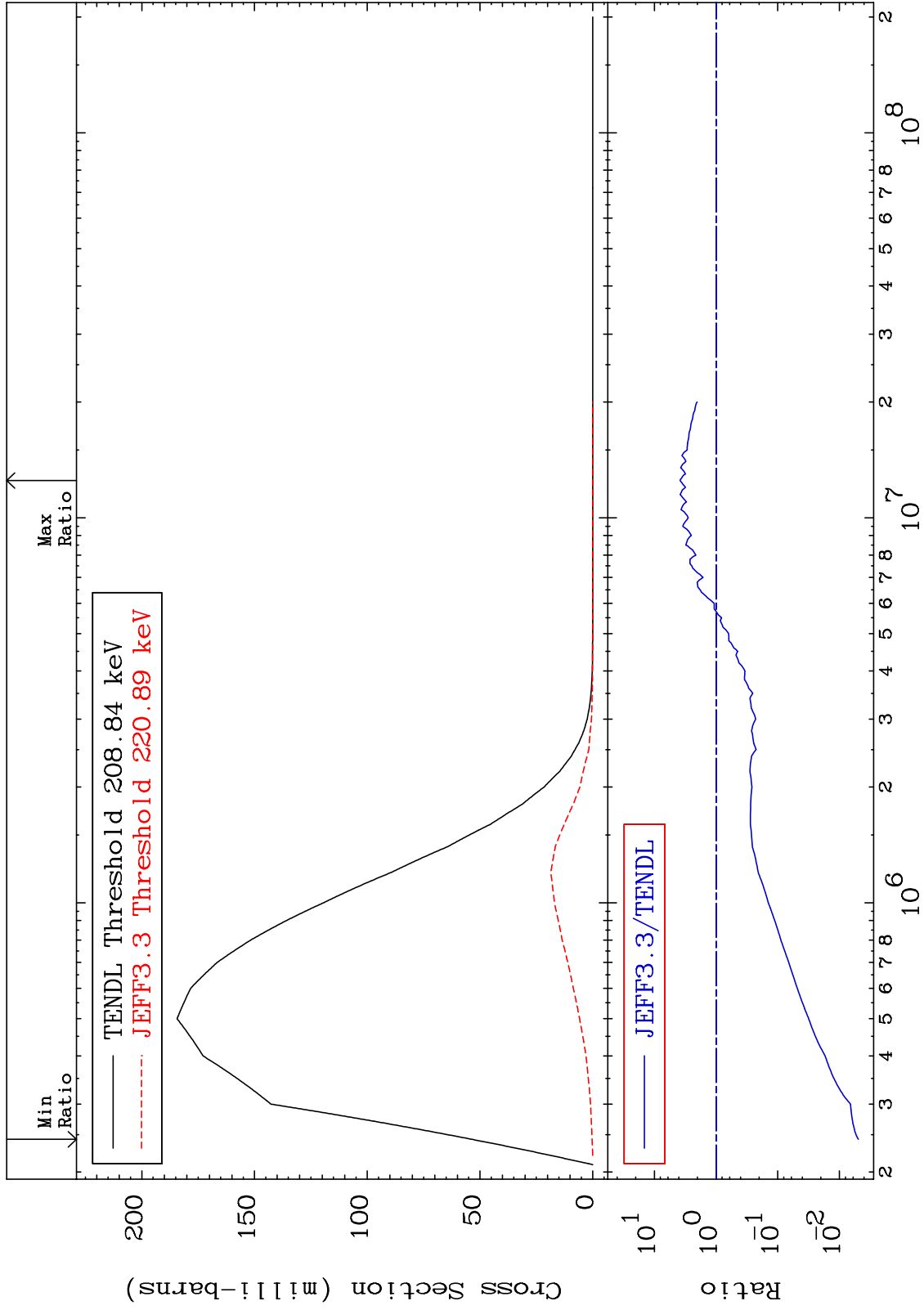
96-Cm-249
-67.43 To 9999. %



MAT 9652

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

96-Cm-249
-99.51 To 283.8 %



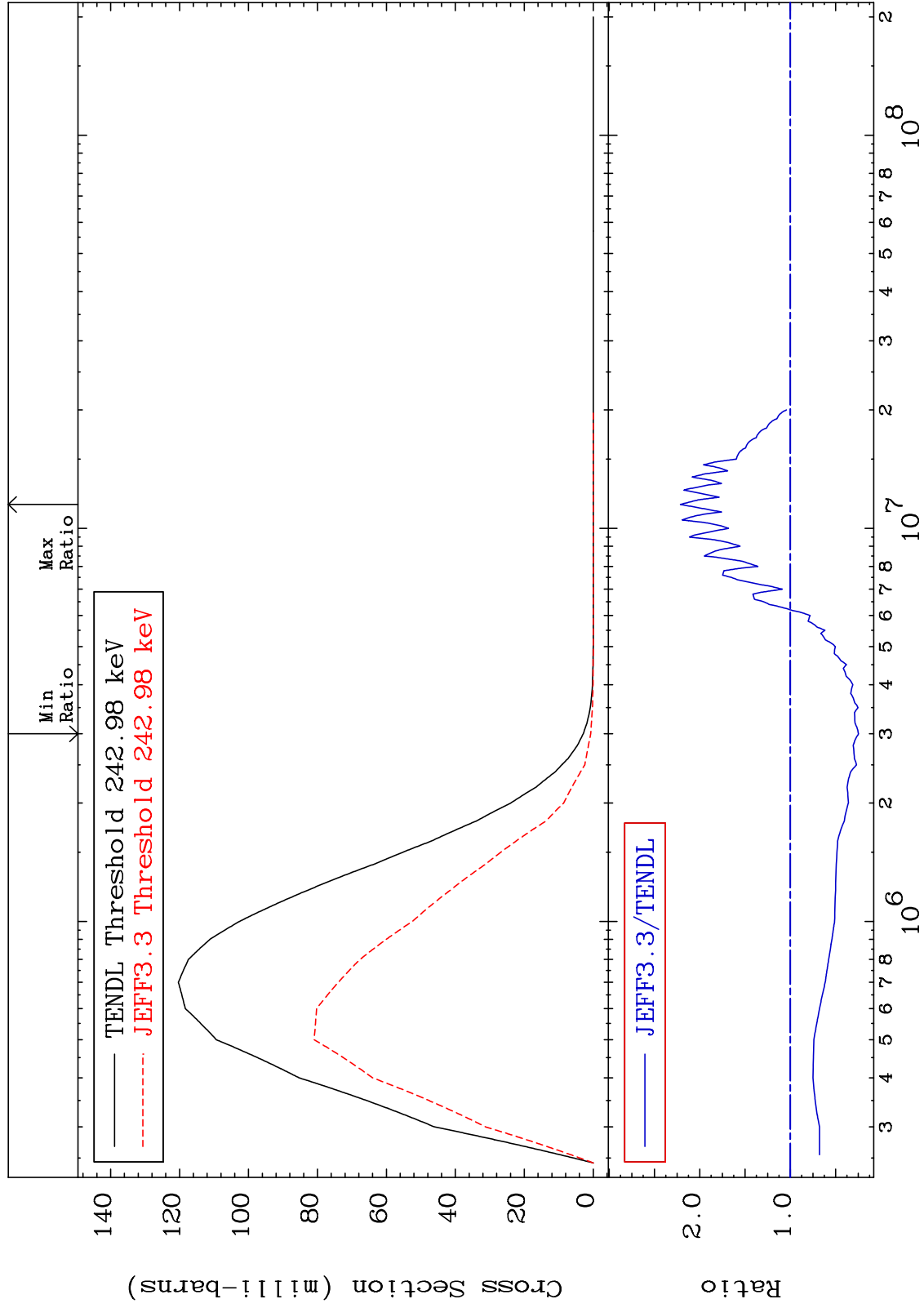
MAT 9652

MT= 59 (n,n') Level

96-Cm-249

-75.31 To 121.3 %

Cross Section



16

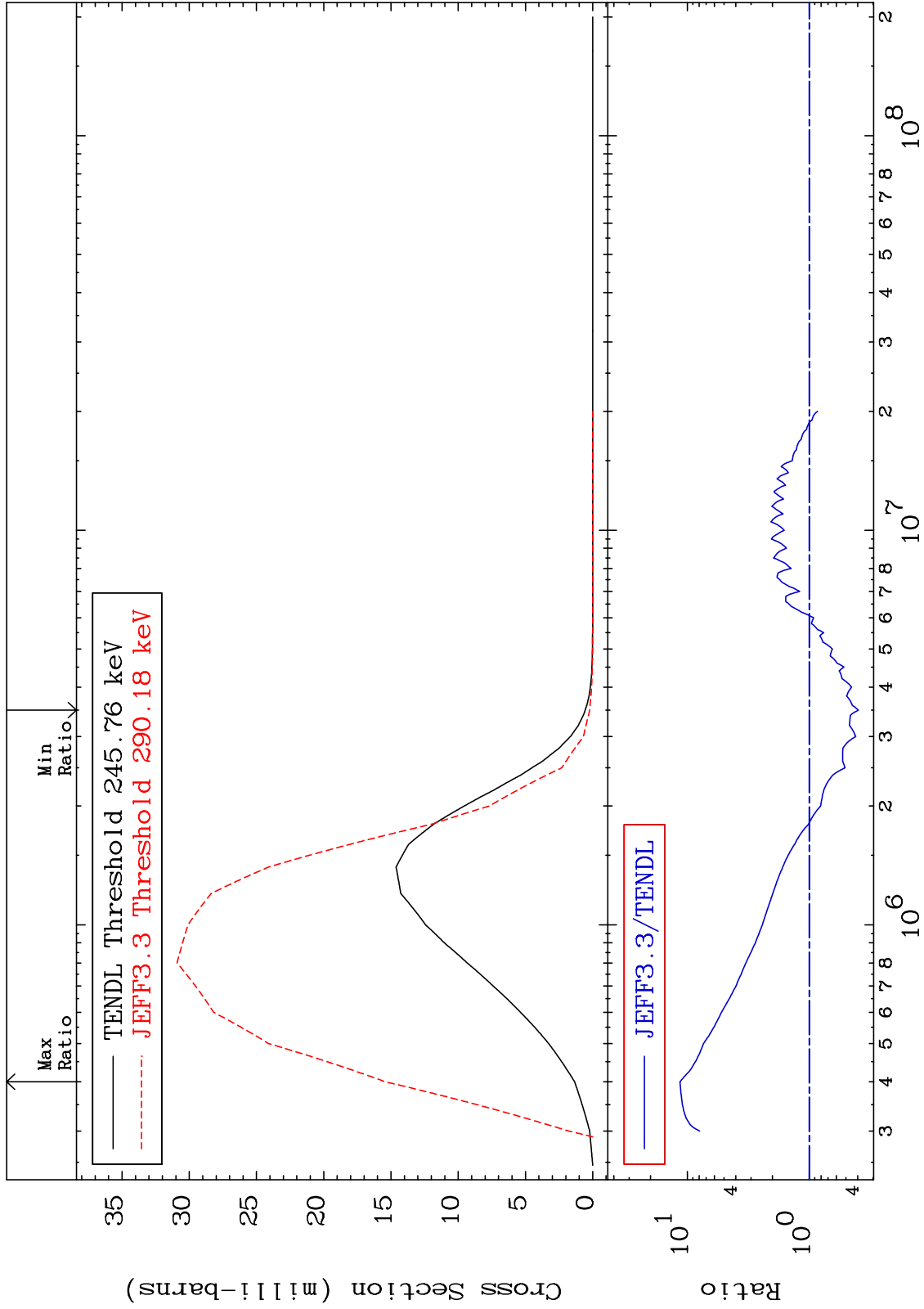
Incident Energy (eV)

96-Cm-249

MAT 9652

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

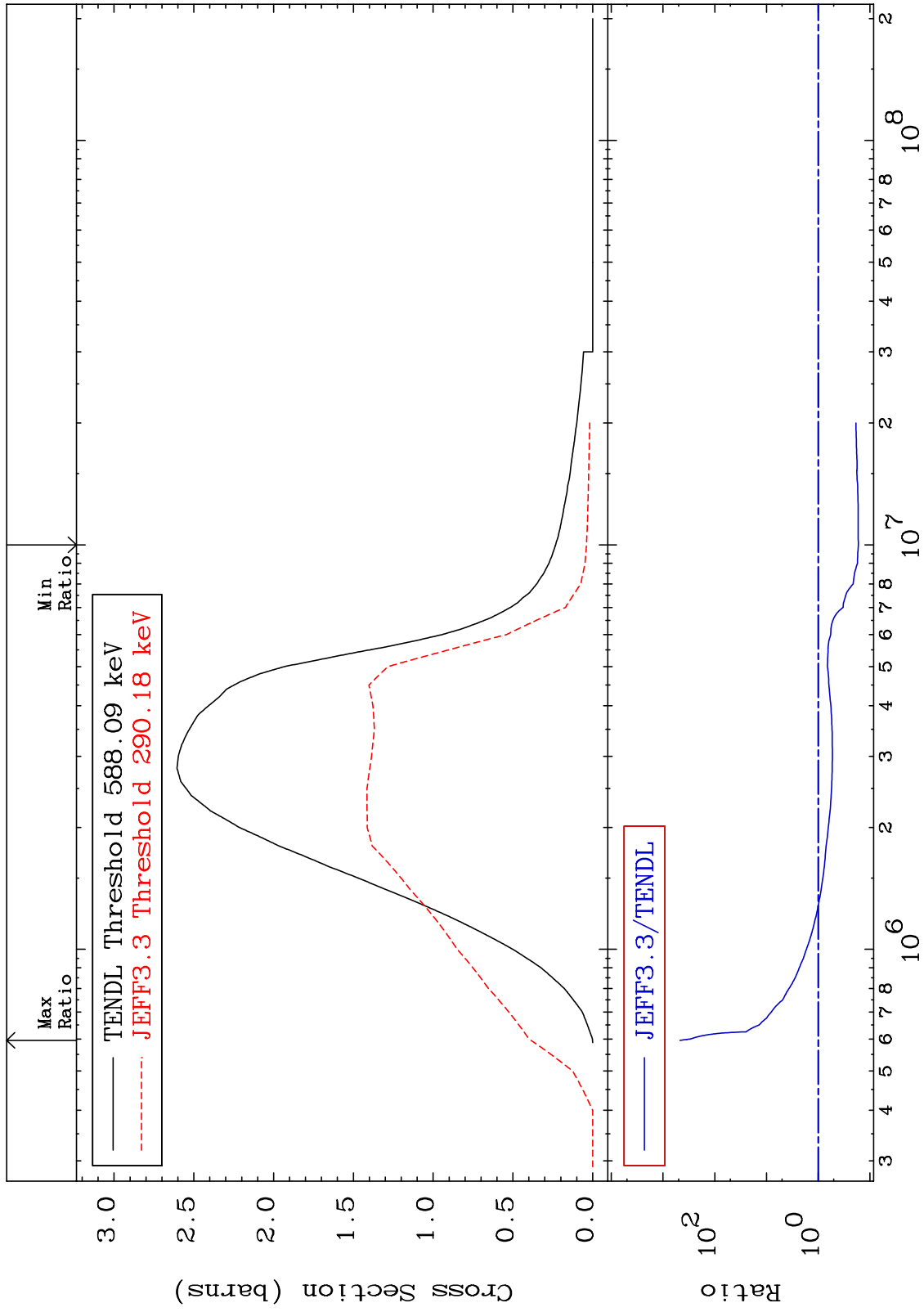
96-Cm-249
-60.51 To 1047. %



MAT 9652

(n, n') Continuum
Cross Section

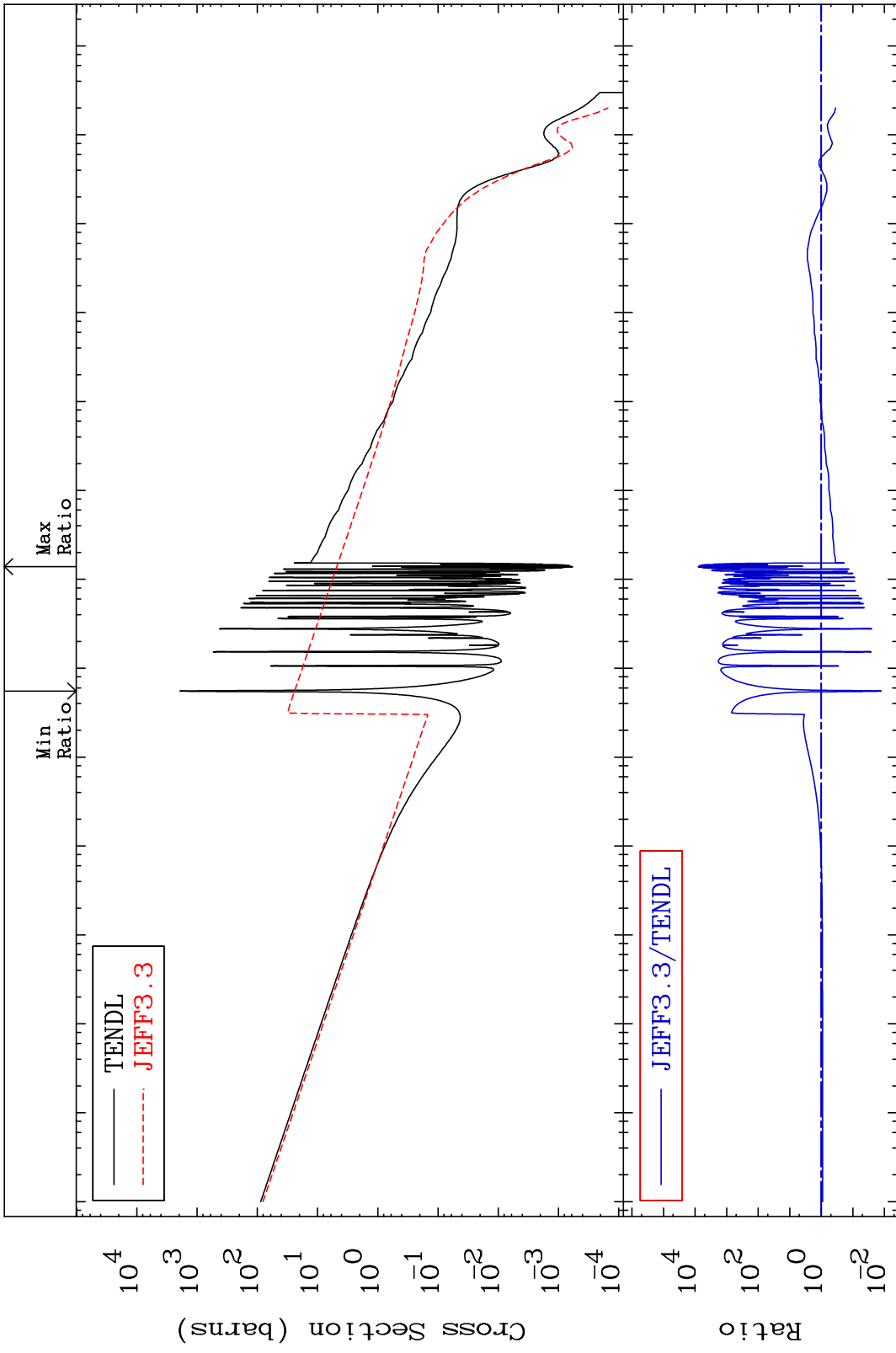
96-Cm-249
-83.26 To 9999. %



MAT 9652

(n, γ)
Cross Section

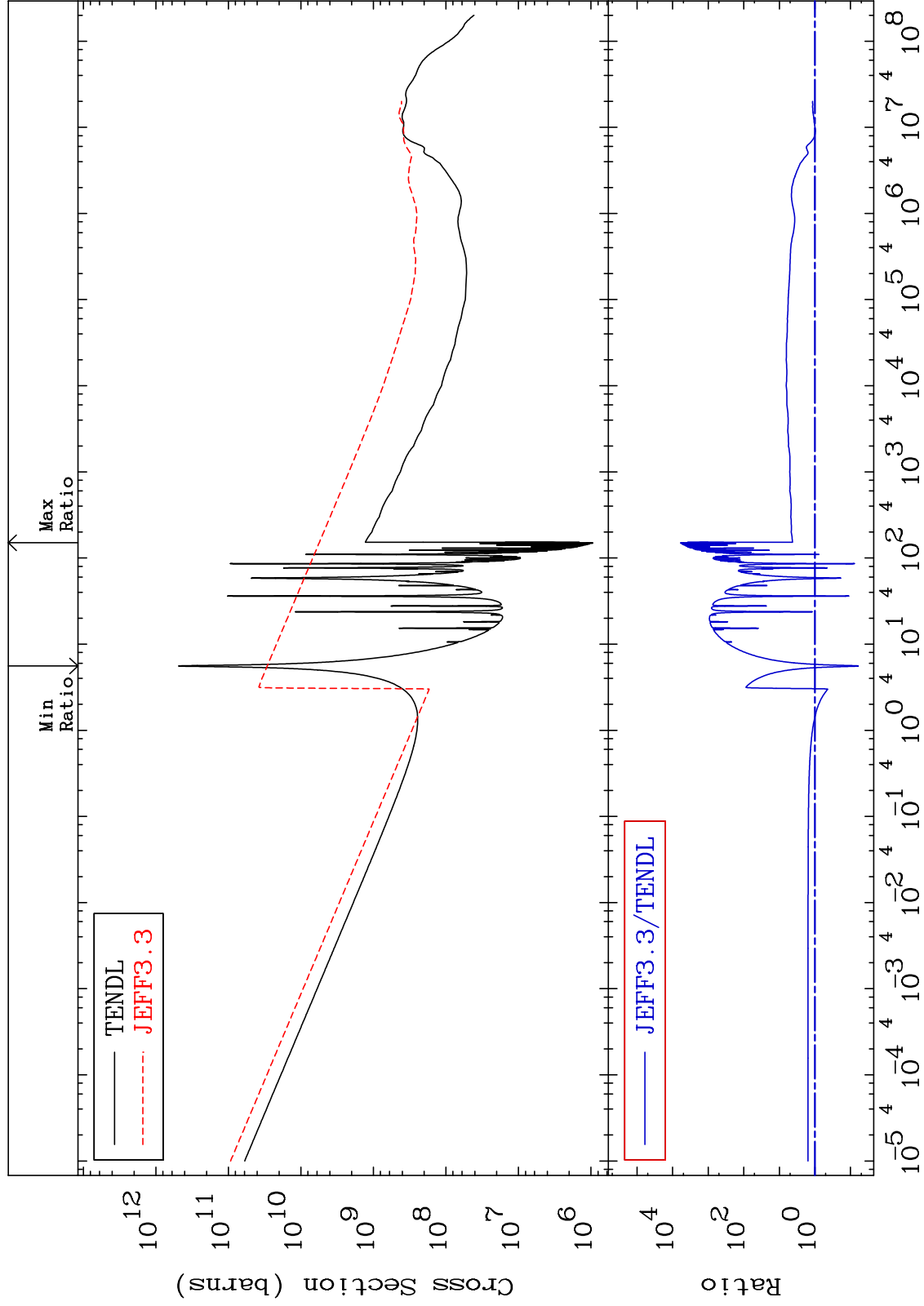
96-Cm-249
-98.76 To 9999. %



MAT 9652

Kerma total (eV-barns)
Cross Section

96-Cm-249
-94.05 To 9999. %



20

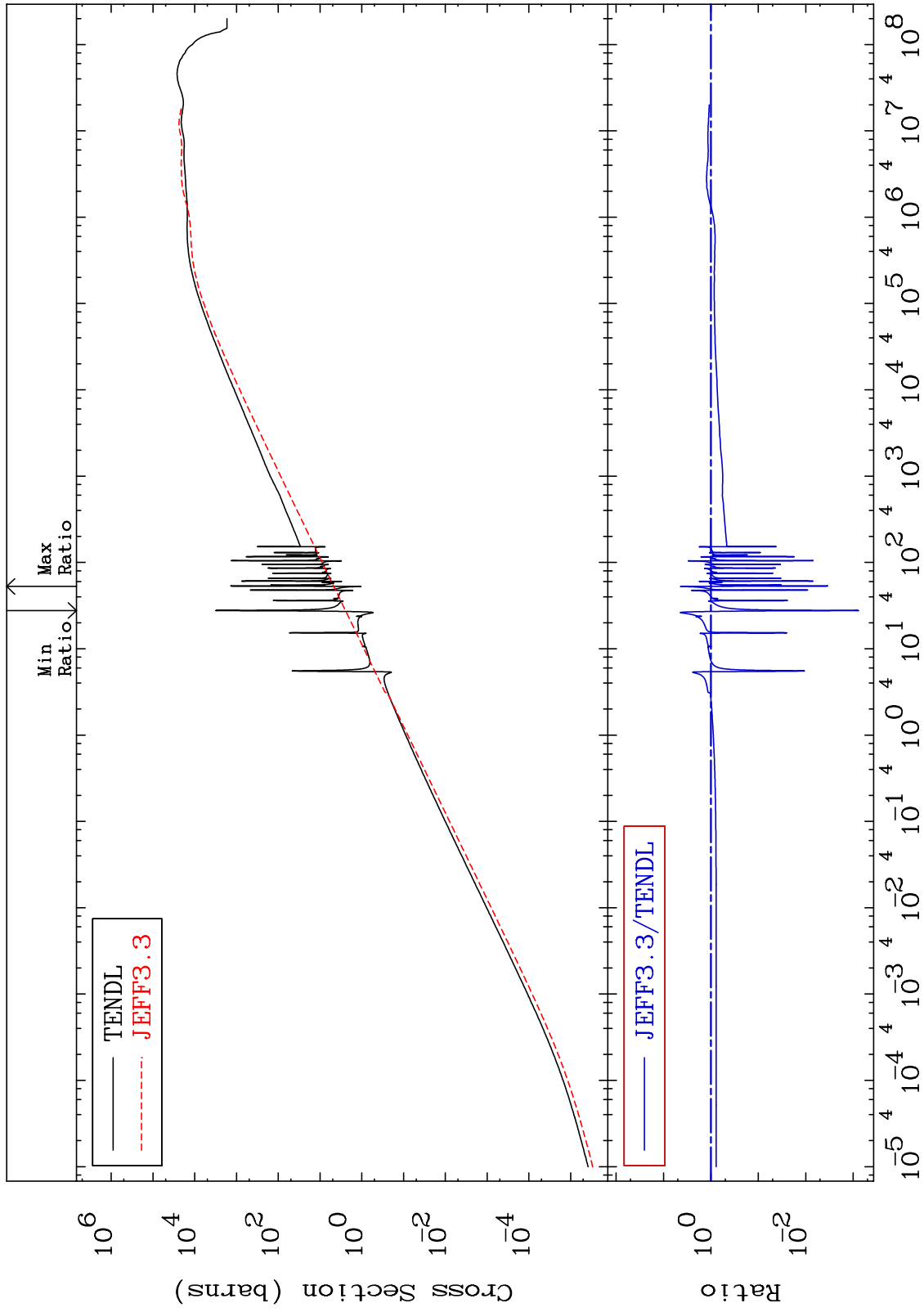
Incident Energy (eV)

96-Cm-249

MAT 9652

Kerma elastic
Cross Section

96-Cm-249
-99.92 To 348.7 %



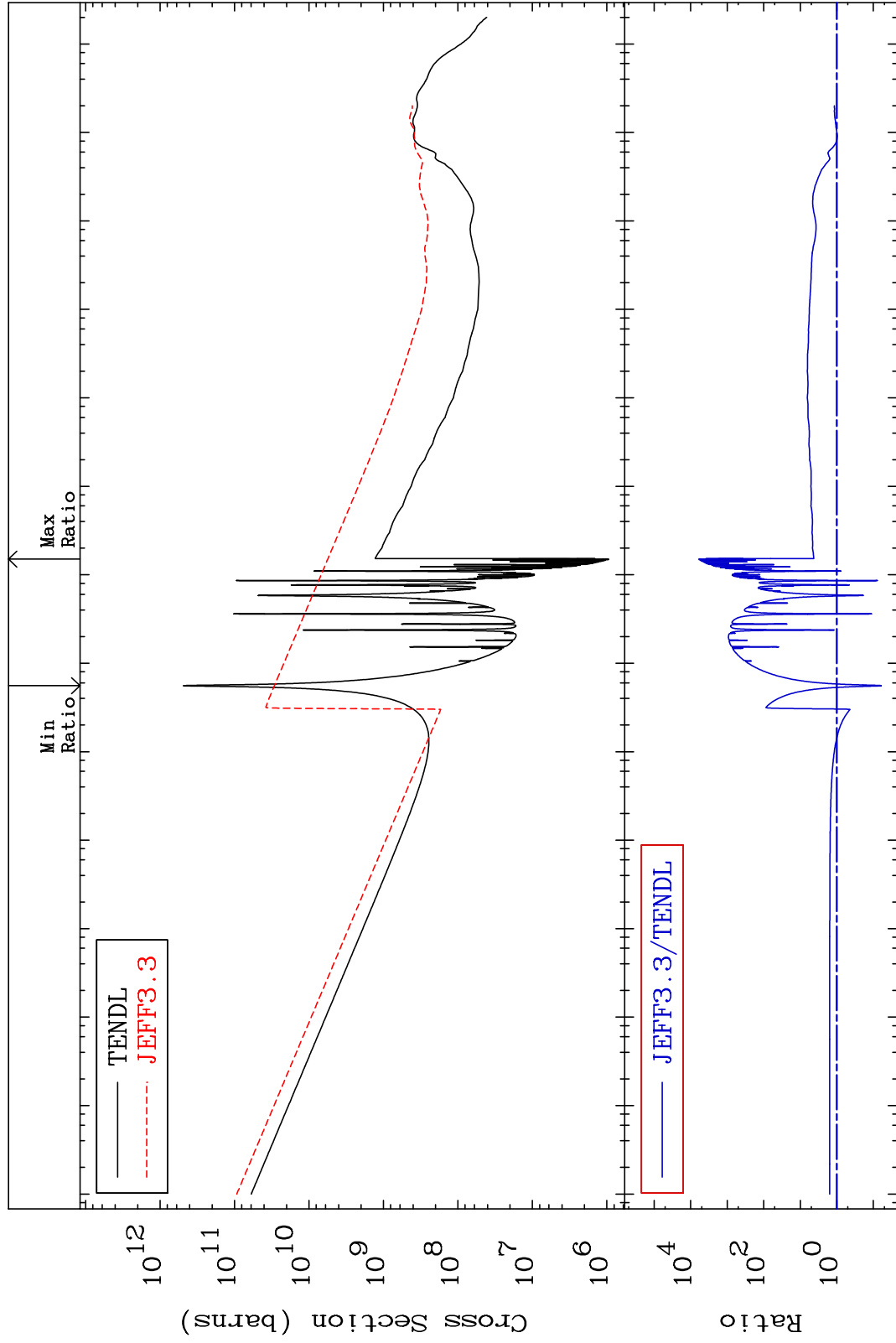
MAT 9652

Kerma non-elastic (all but mt2)

96-Cm-249

-94.05 To 9999. %

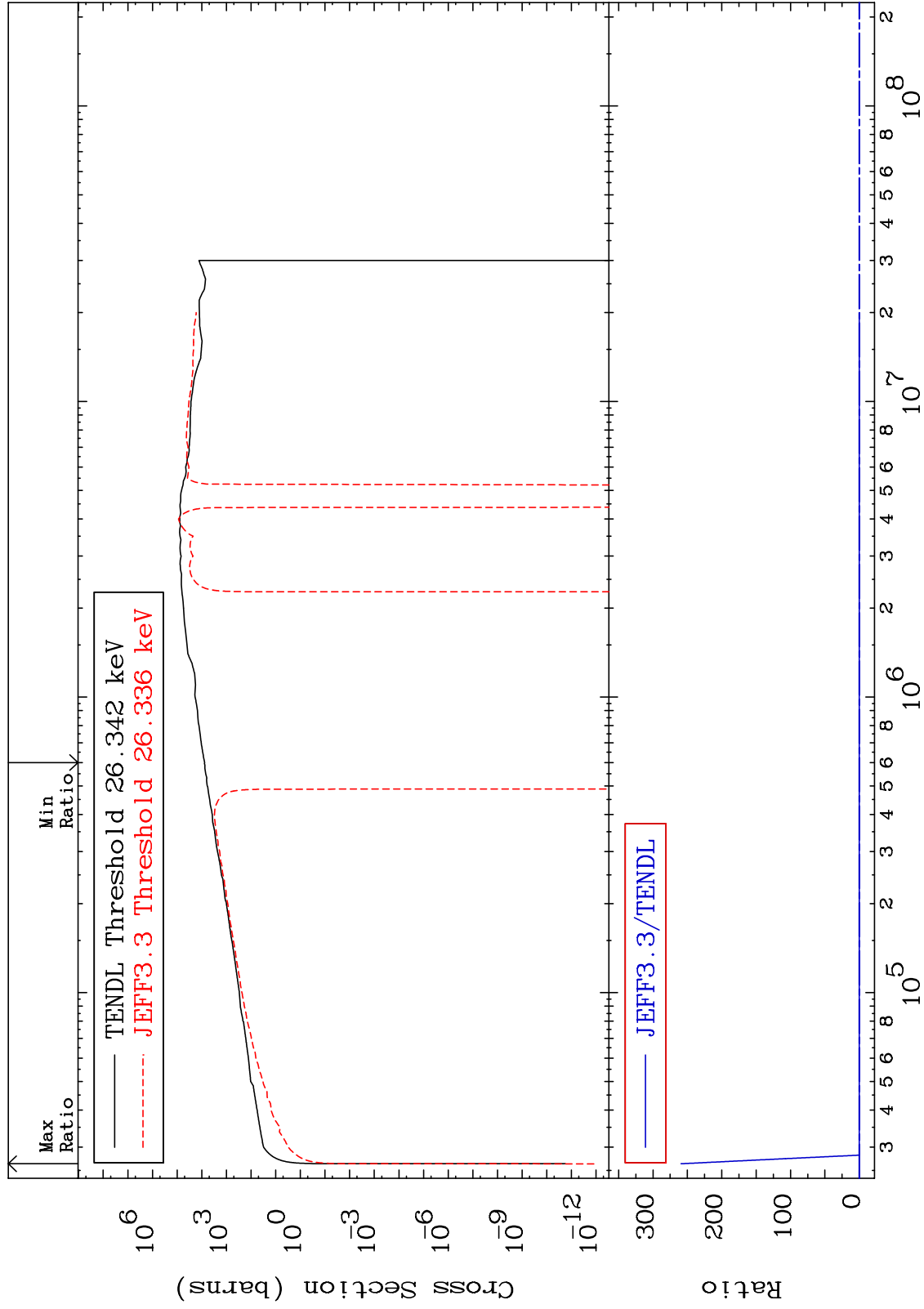
Cross Section



MAT 9652

Kerma inelastic (mt51-91)
Cross Section

96-Cm-249
-348.4 To 9999. %



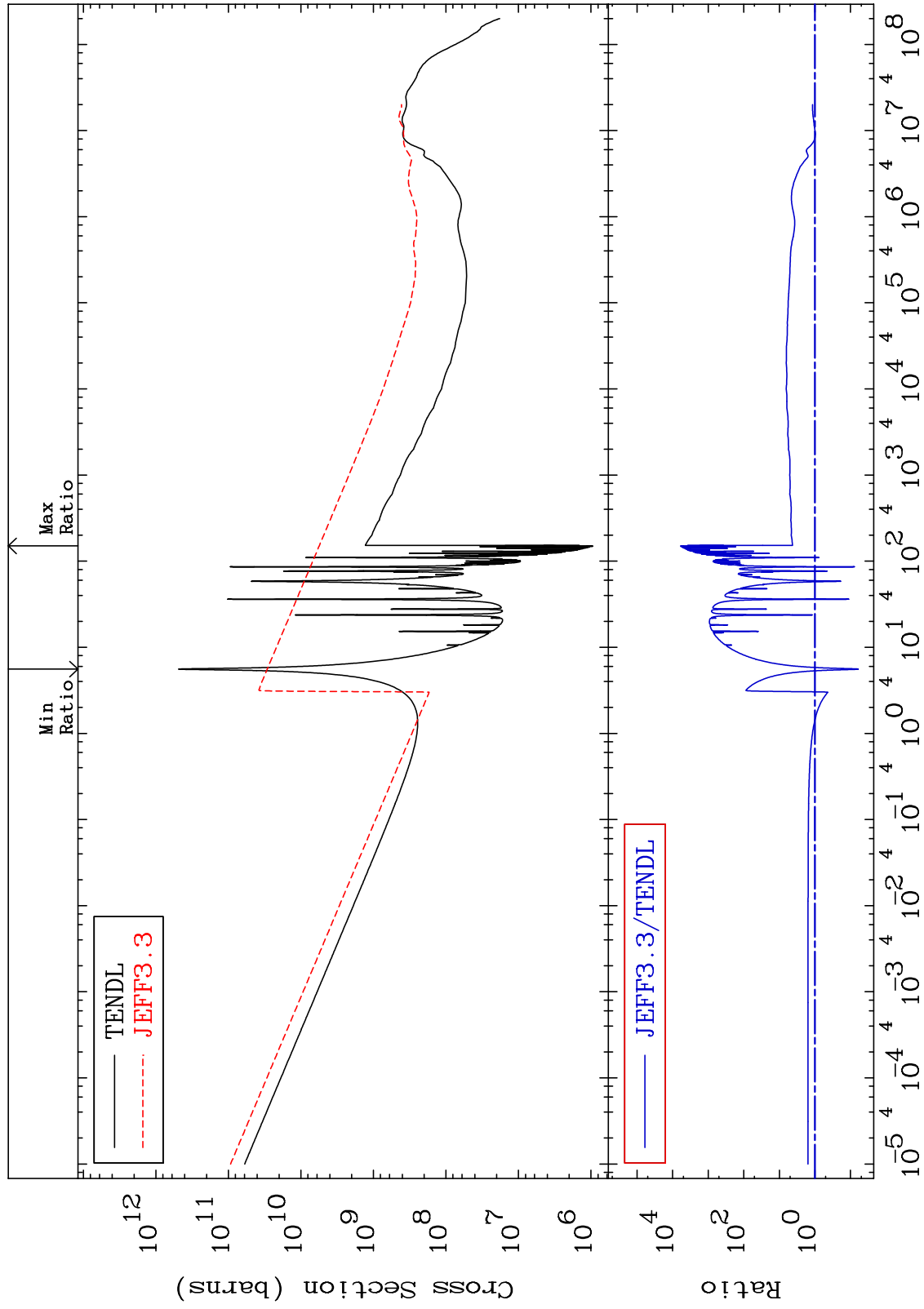
MAT 9652

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

96-Cm-249

-94.05 To 9999. %

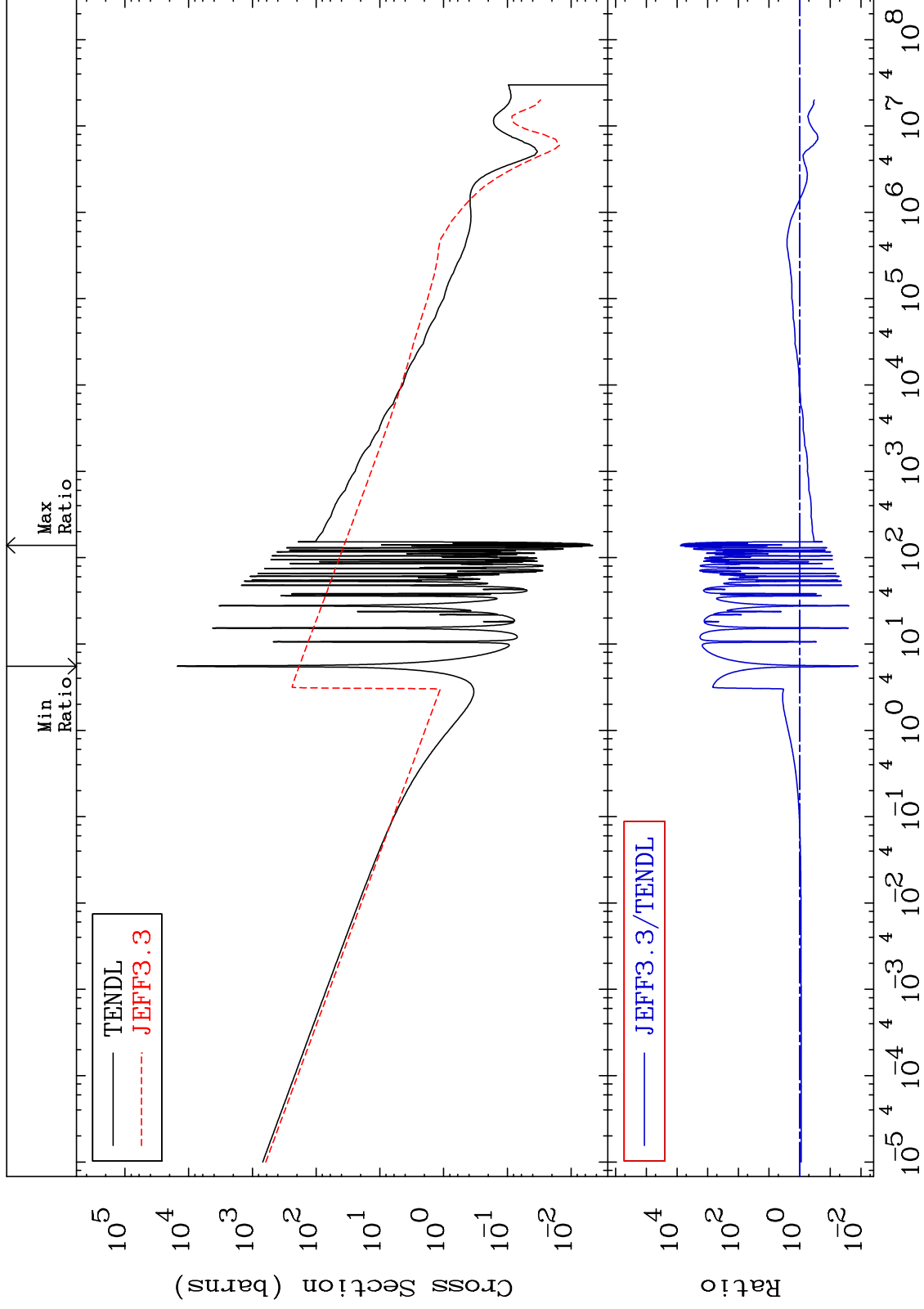
Cross Section



MAT 9652

Kerma capture (mt102)
Cross Section

96-Cm-249
-98.79 To 9999. %



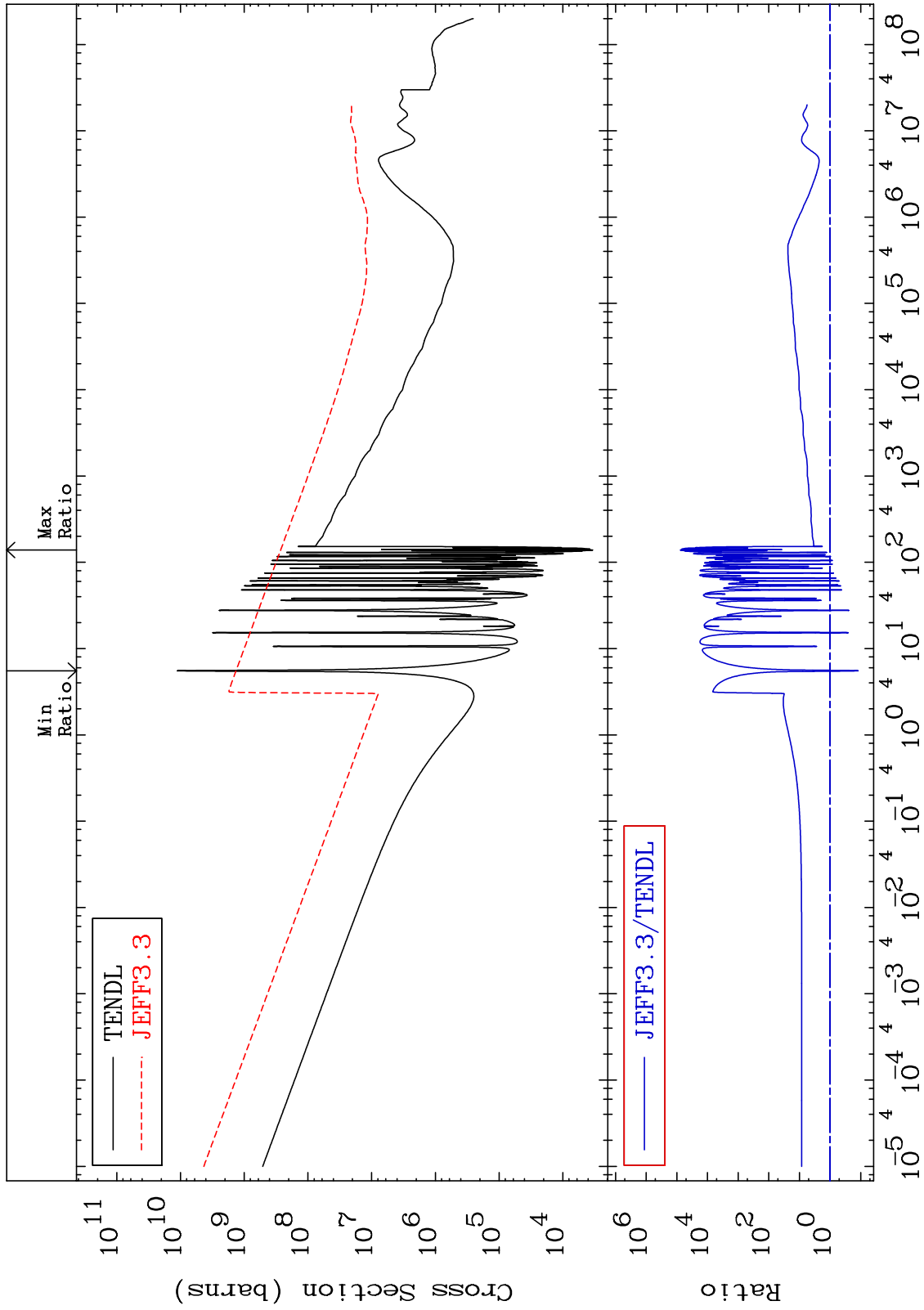
— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 9652

Total photon (eV-barns)
Cross Section

96-Cm-249
-88.12 To 9999. %



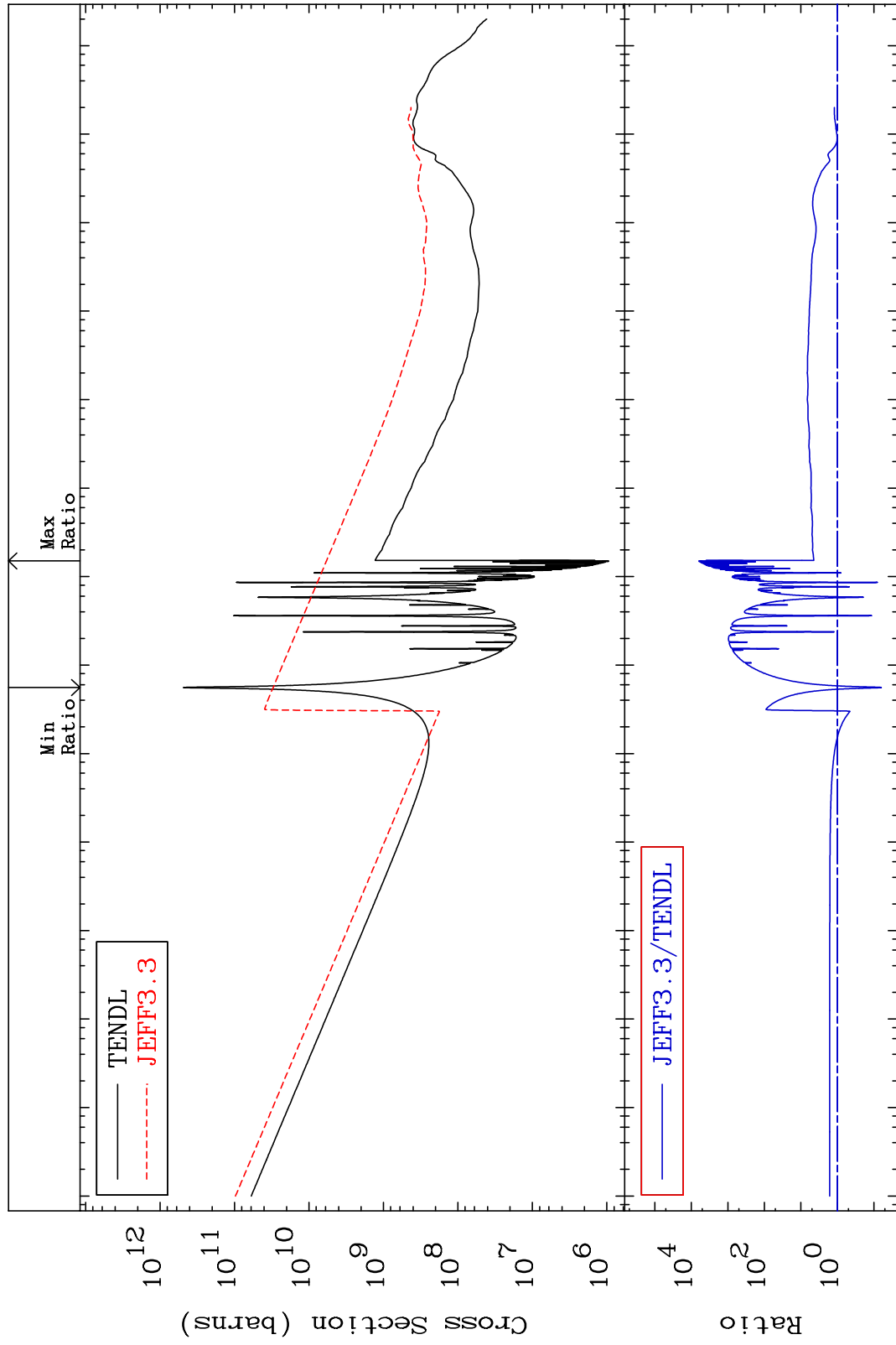
MAT 9652

Total kinematic kerma (high limit)

96-Cm-249

-93.81 To 9999. %

Cross Section



27

Incident Energy (eV)

96-Cm-249

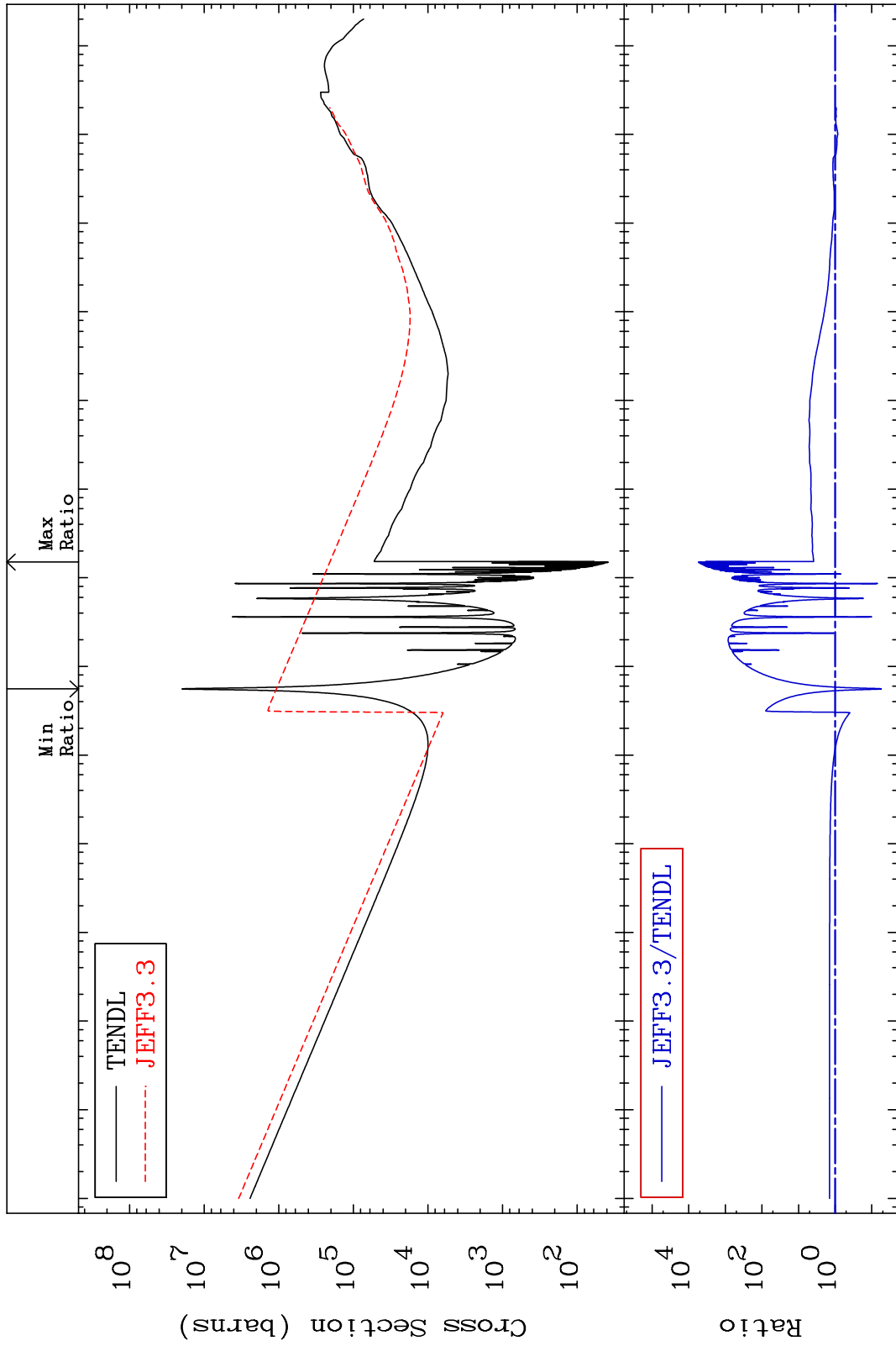
MAT 9652

Dpa total (eV-barns)

96-Cm-249

-94.60 To 9999. %

Cross Section



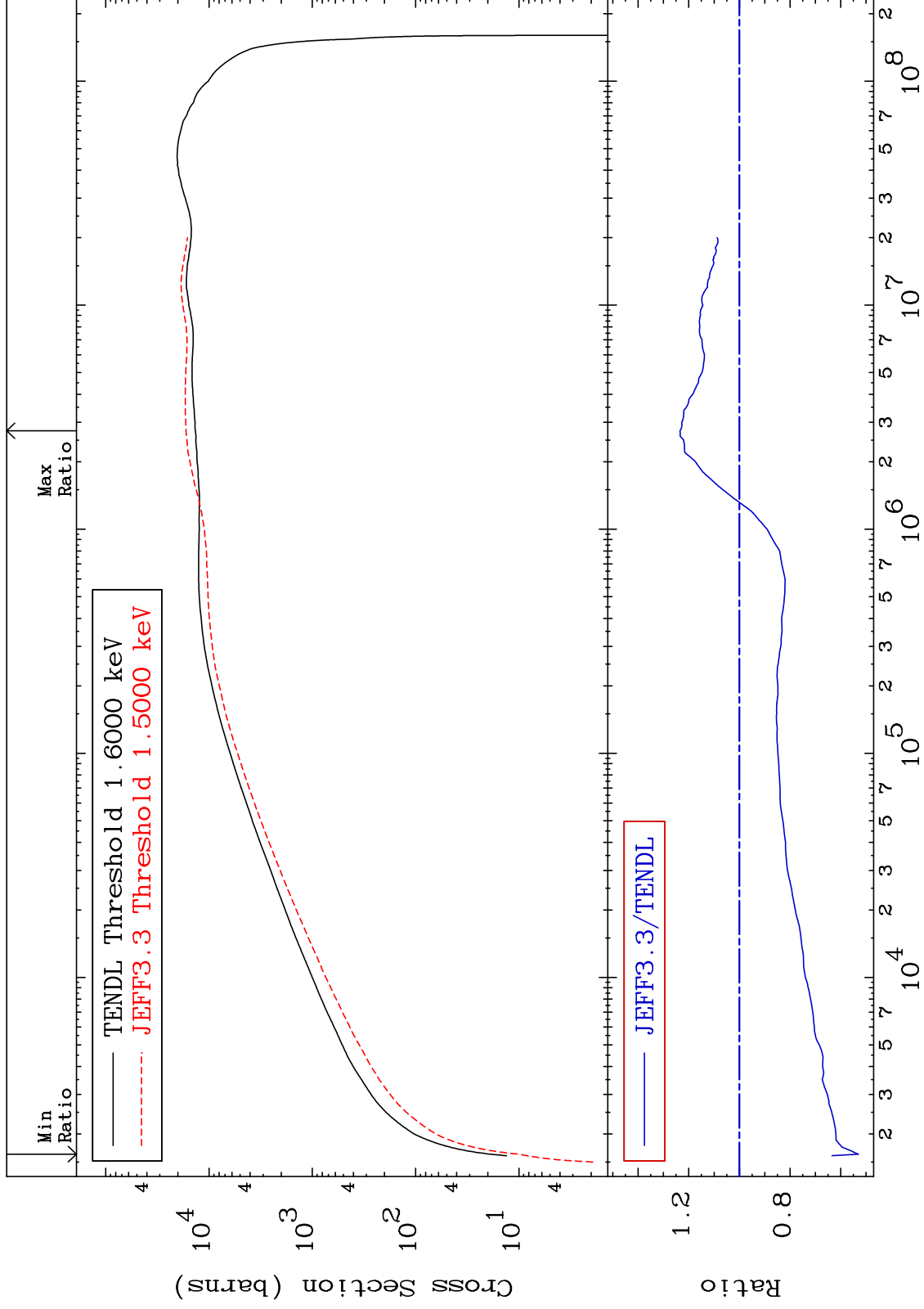
Incident Energy (eV)

96-Cm-249

MAT 9652

Dpa elastic (mt2)
Cross Section

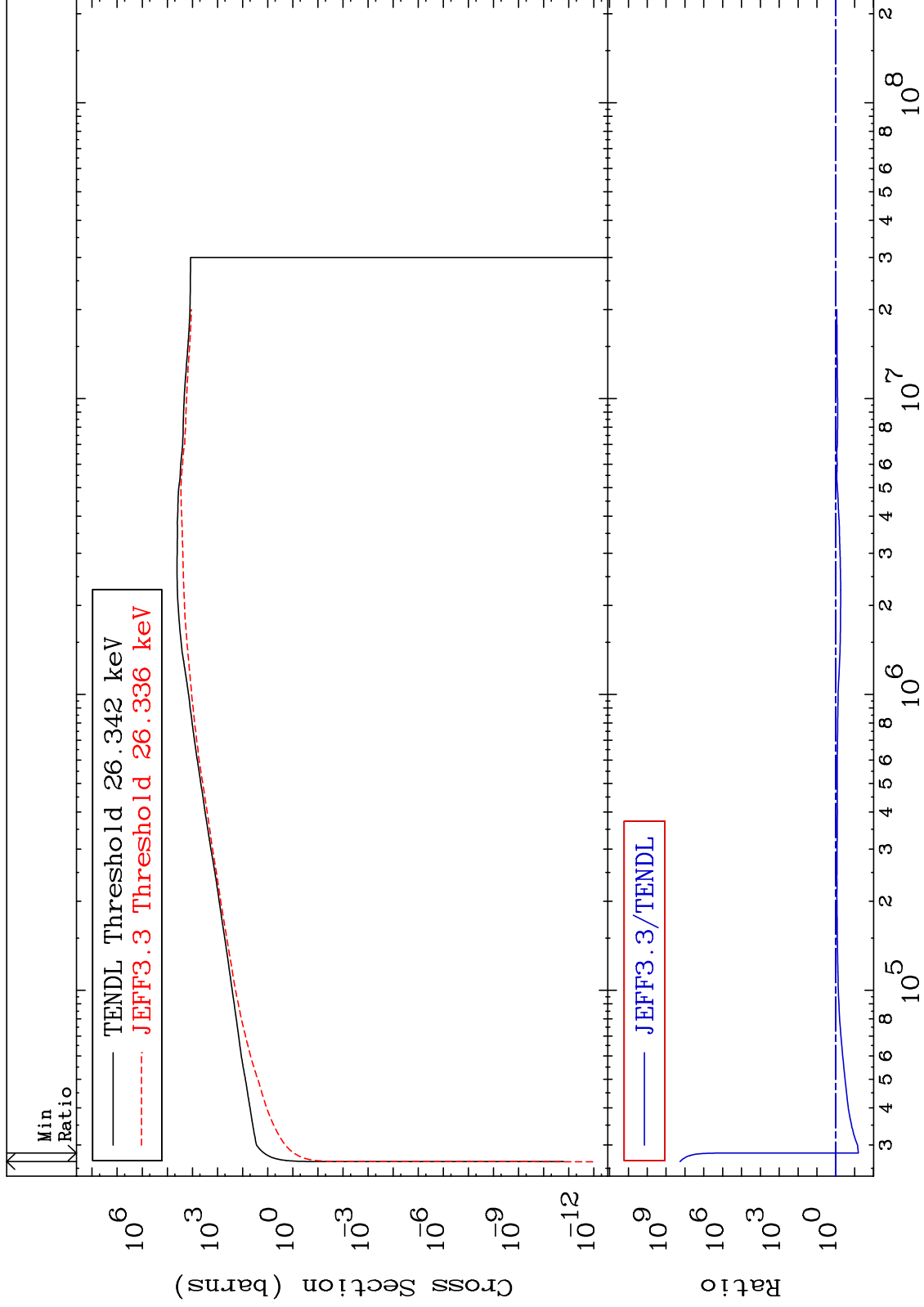
96-Cm-249
-47.01 To 23.46 %



MAT 9652

Dpa inelastic (mt51-91)
Cross Section

96-Cm-249
-93.70 To 9999. %



30

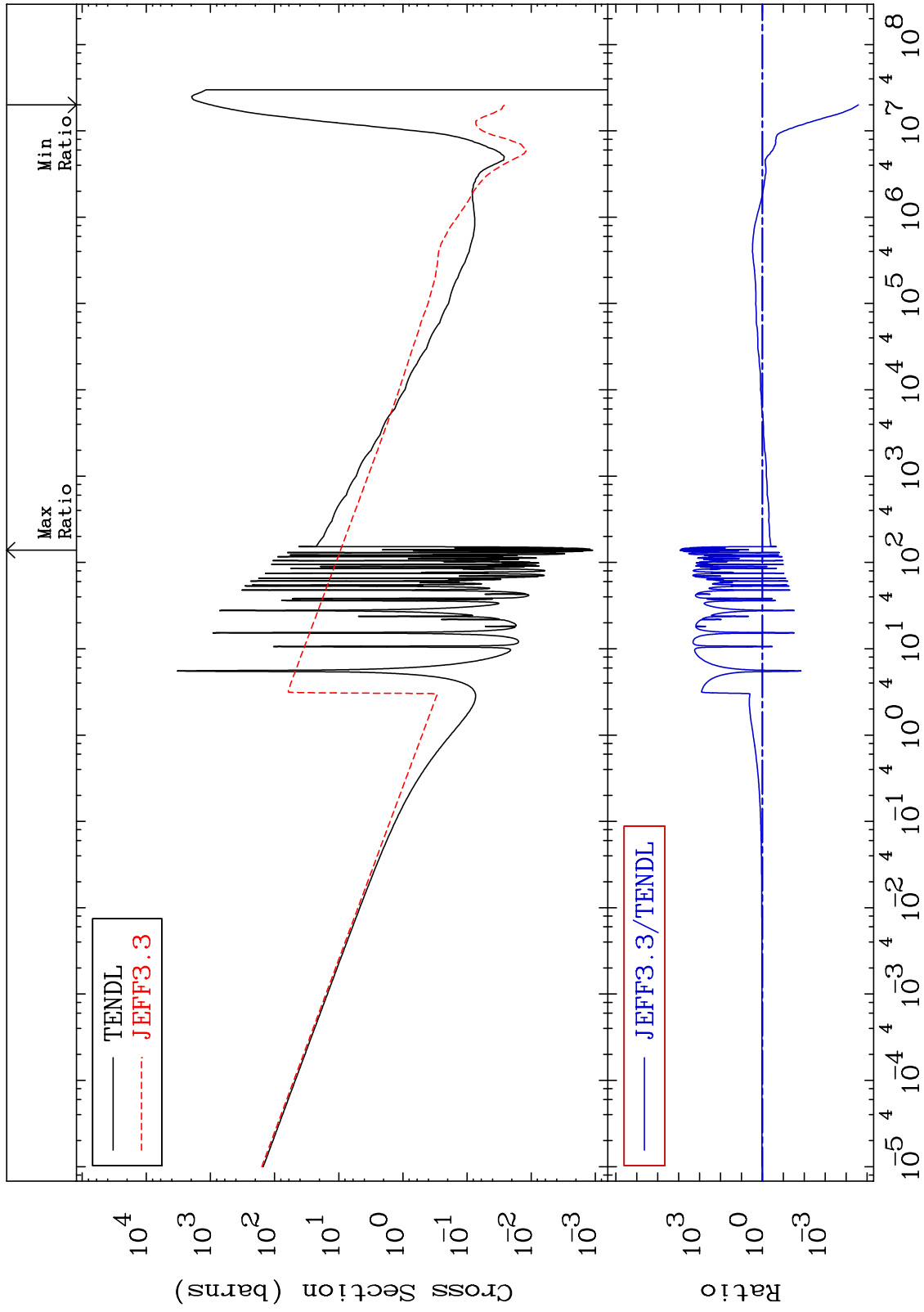
Incident Energy (eV)

96-Cm-249

MAT 9652

Dpa disappearance (mt102 -120)
Cross Section

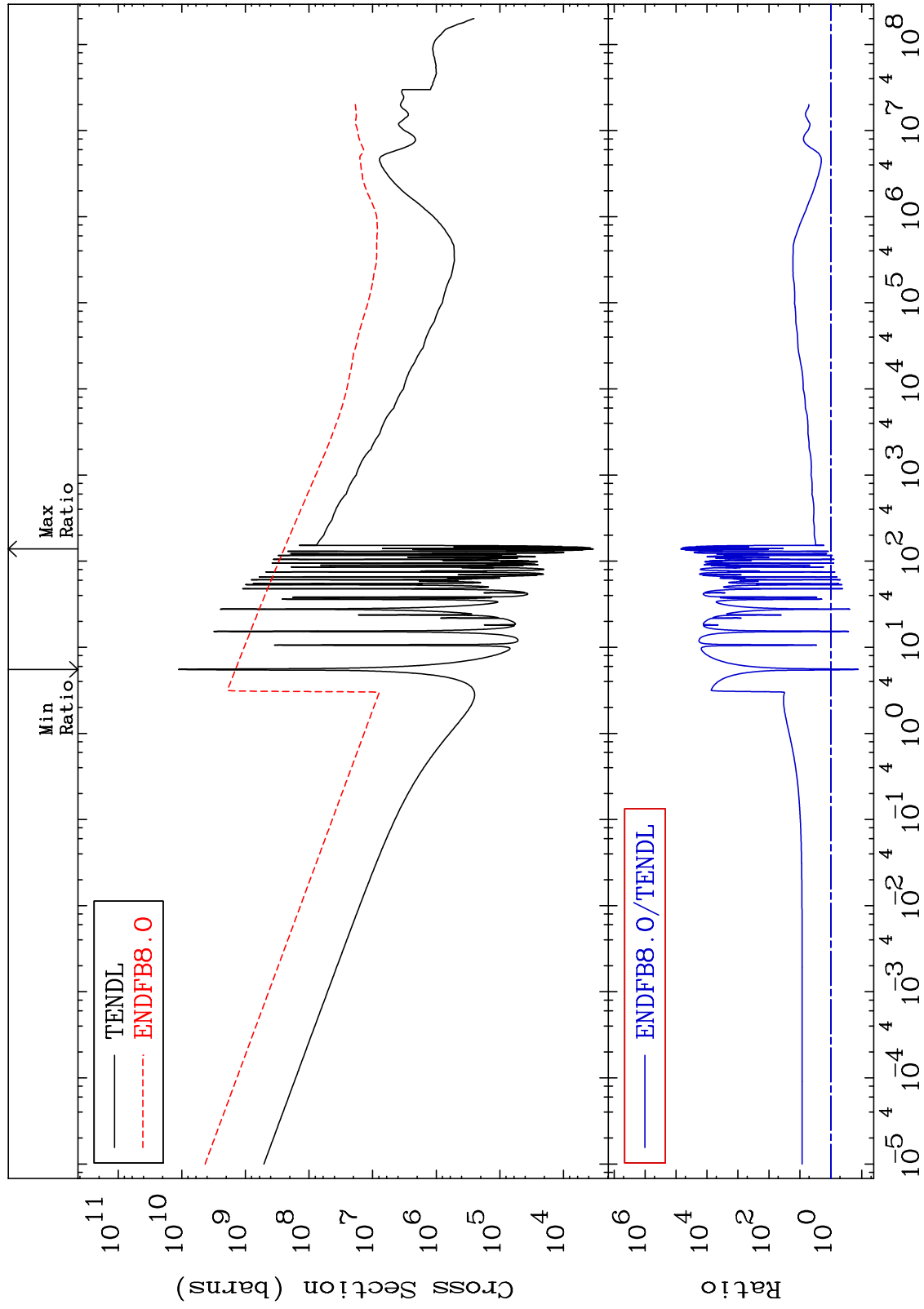
96-Cm-249
-100.0 To 9999. %



MAT 9652

Total photon (eV-barns)
Cross Section

96-Cm-249
-87.34 To 9999. %



32

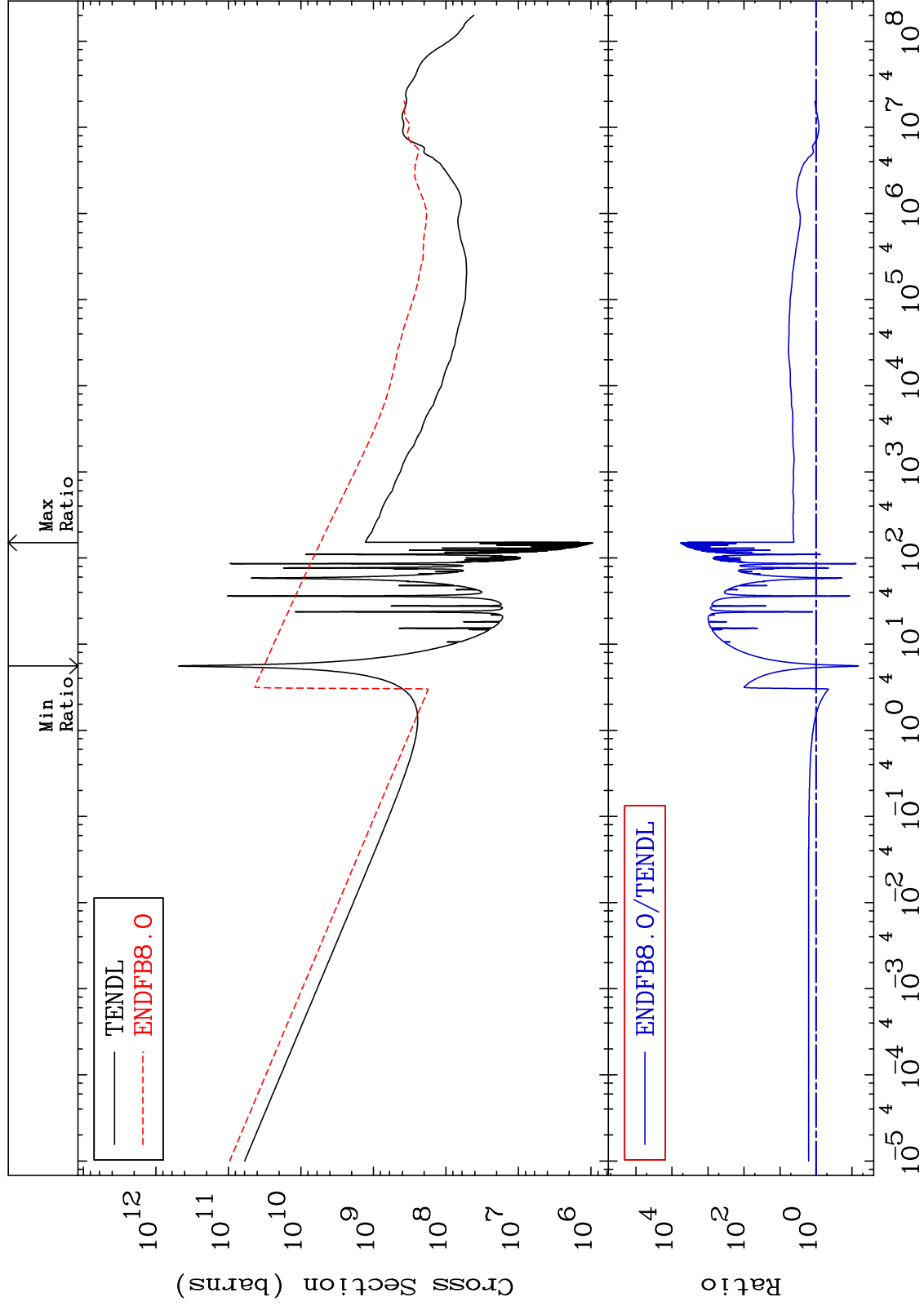
Incident Energy (eV)

96-Cm-249

MAT 9652

Total kinematic kerma (high limit)
Cross Section

96-Cm-249
-93.39 To 9999. %



33

Incident Energy (eV)

96-Cm-249

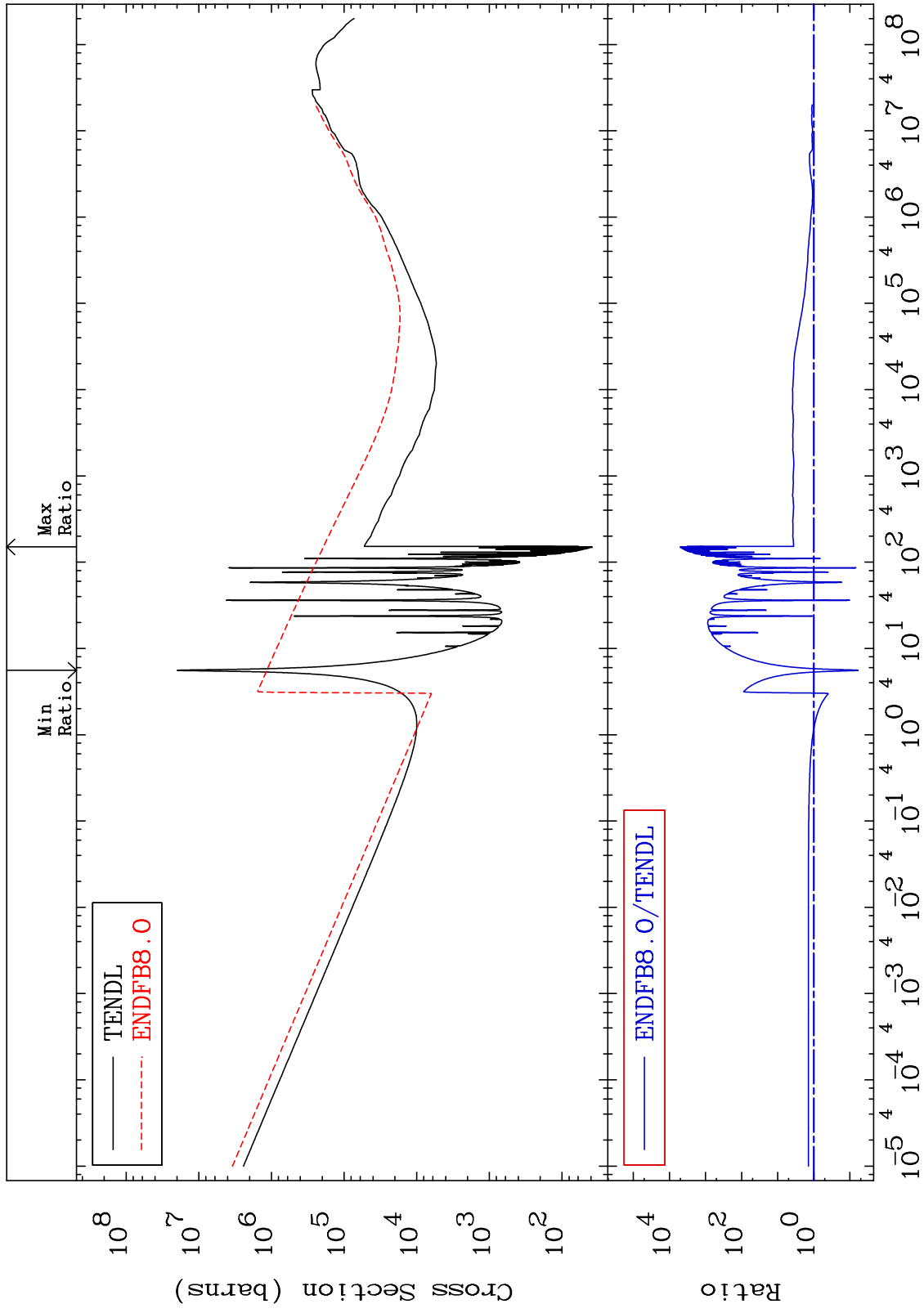
MAT 9652

Dpa total (eV-barns)

96-Cm-249

-94.19 To 9999. %

Cross Section



34

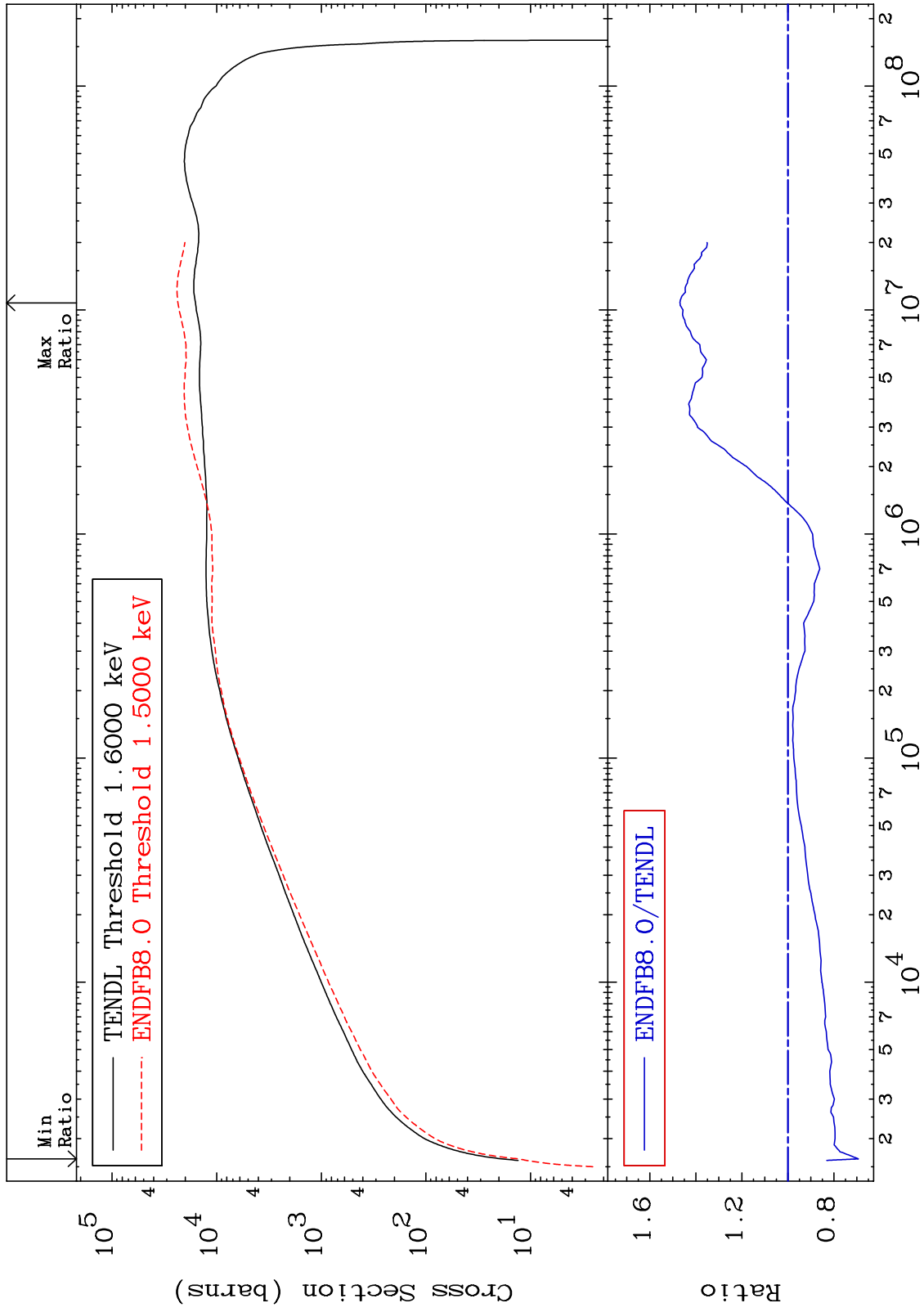
Incident Energy (eV)

96-Cm-249

MAT 9652

Dpa elastic (mt2)
Cross Section

96-Cm-249
-30.65 To 46.88 %



35

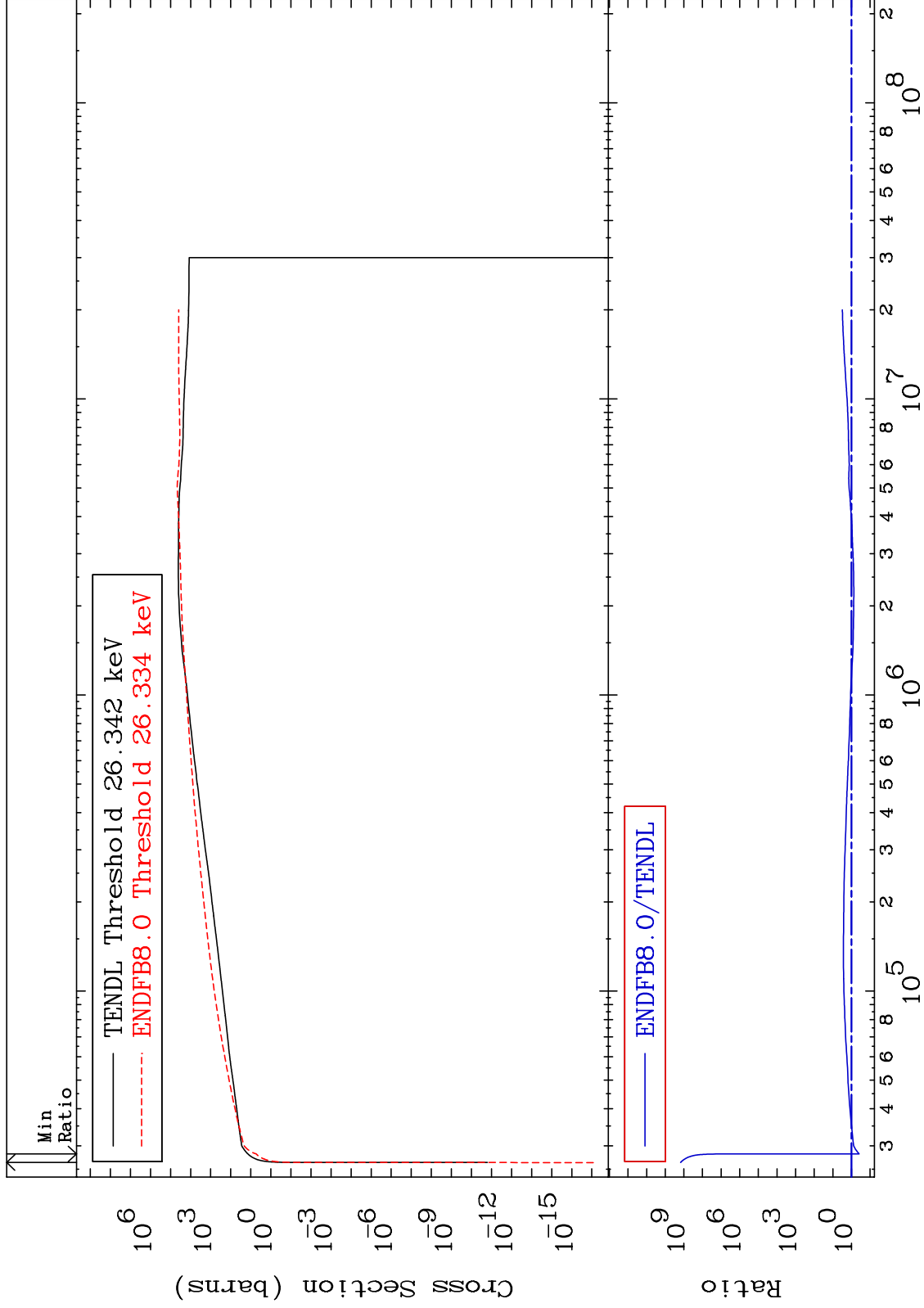
Incident Energy (eV)

96-Cm-249

MAT 9652

Dpa inelastic (mt51-91)
Cross Section

96-Cm-249
-61.30 To 9999. %



MAT 9652

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-249
-99.99 To 9999. %

