

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

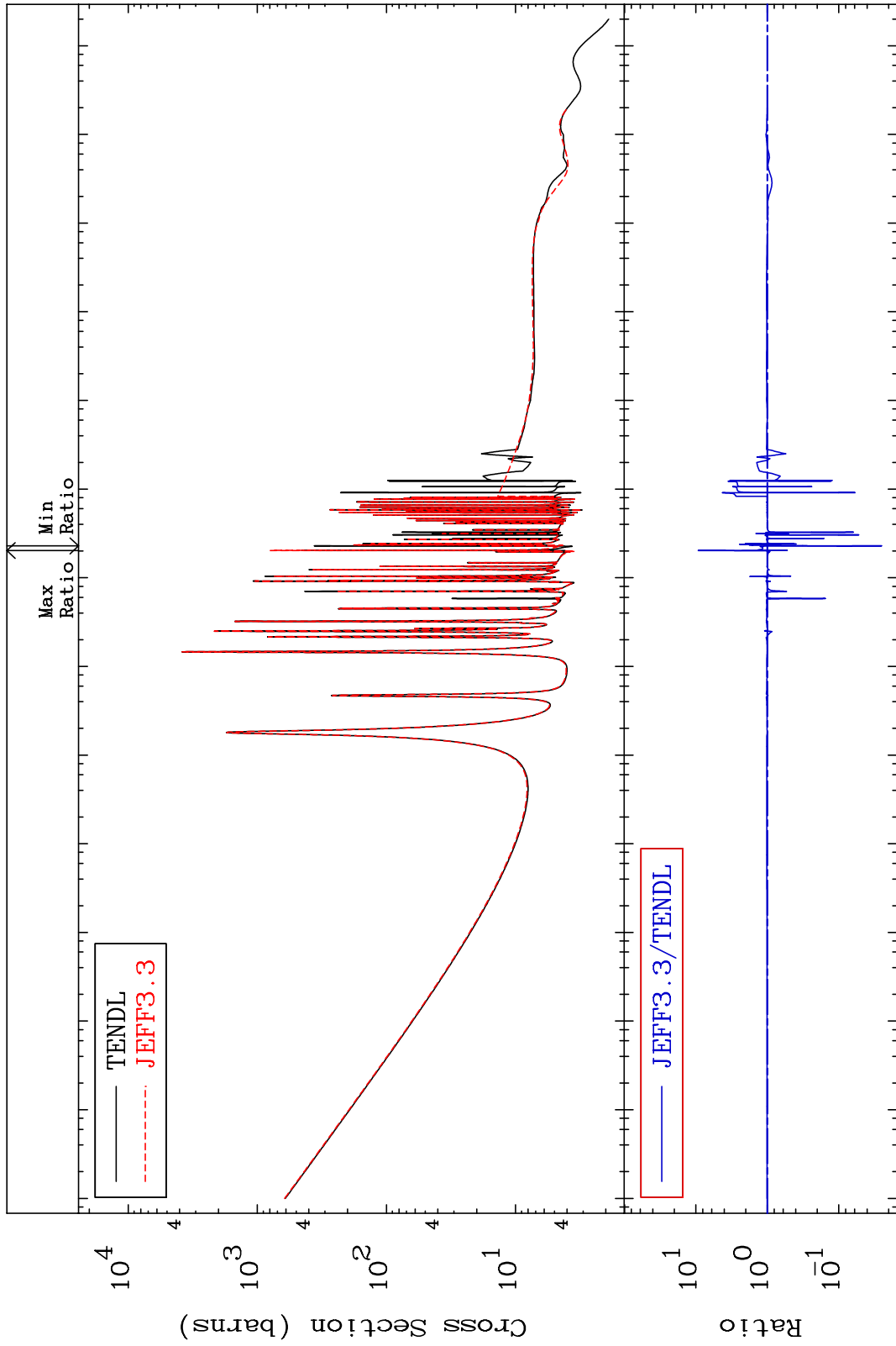
MAT 4925

Total

49-In-113

Cross Section

-97.48 To 824.7 %



Incident Energy (eV)

10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

10⁴ 10³ 10² 10¹

10¹ 10⁰ 10⁻¹

49-In-113

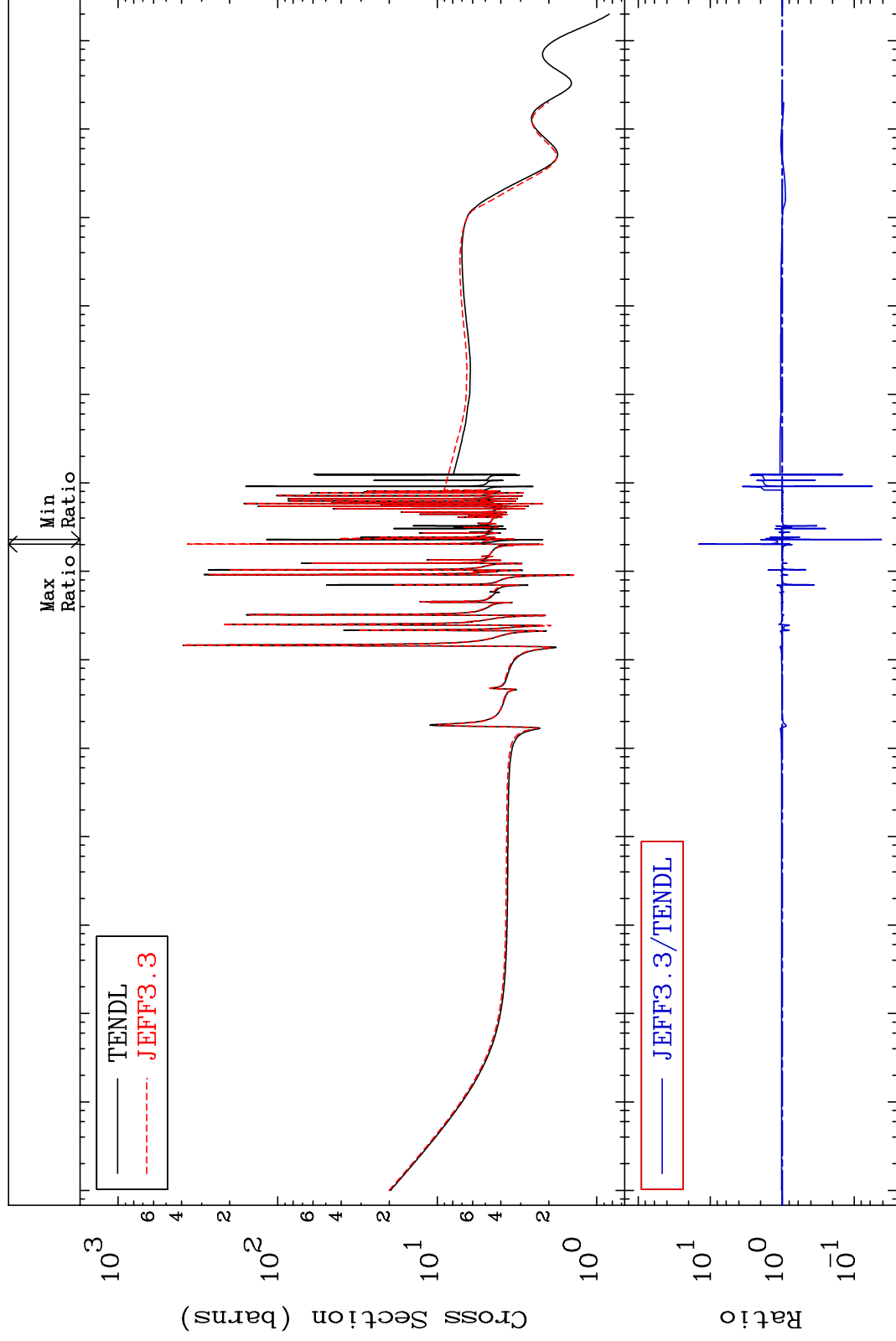
MAT 4925

Elastic

49-In-113

Cross Section

-95.83 To 1348. %



2

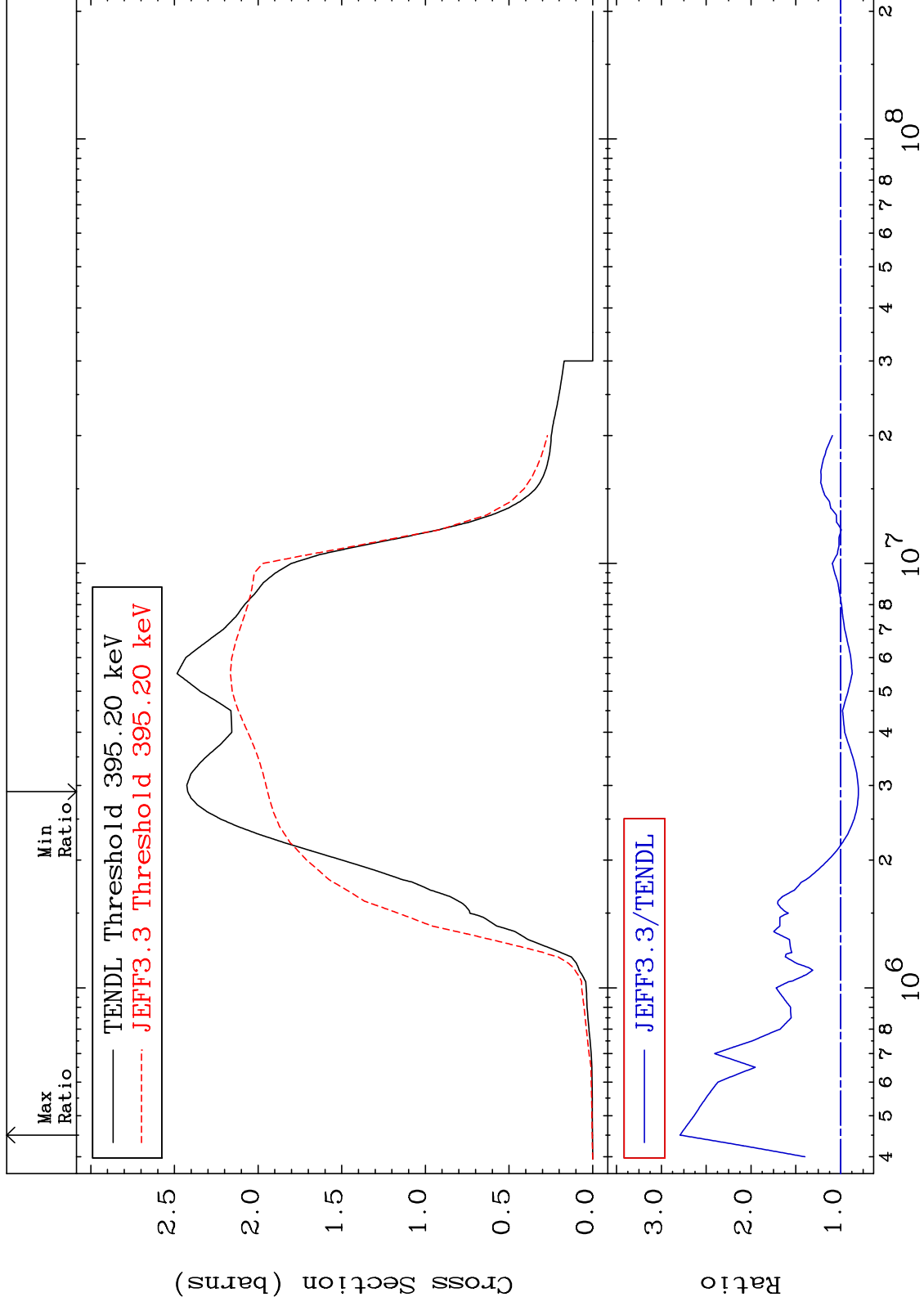
Incident Energy (eV)

49-In-113

MAT 4925

Inelastic
Cross Section

49-In-113
-19.75 To 179.2 %



3

Incident Energy (eV)

49-In-113

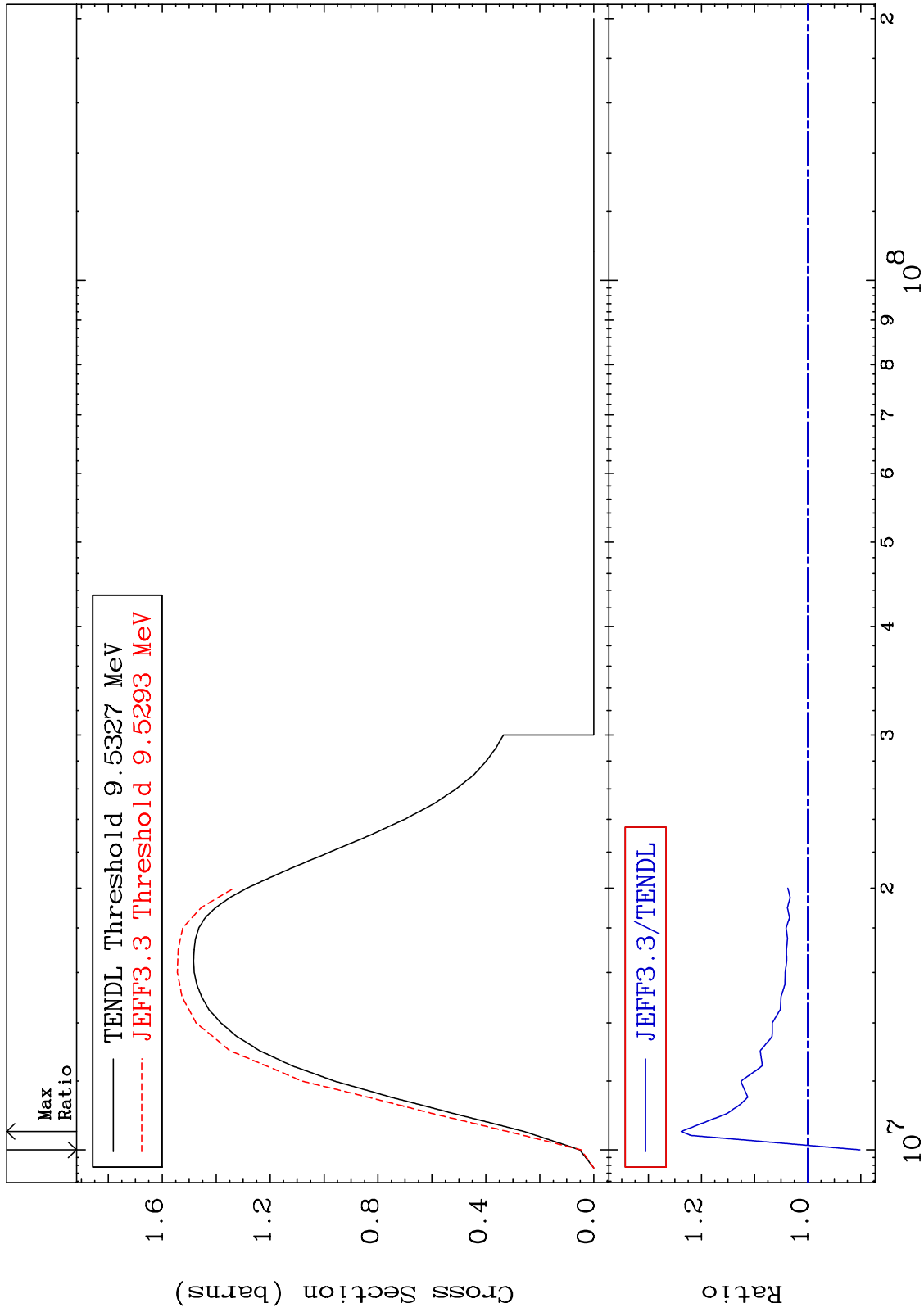
MAT 4925

(n,2n)

49-In-113

Cross Section

-9.834 To 23.80 %



49-In-113

49-In-113

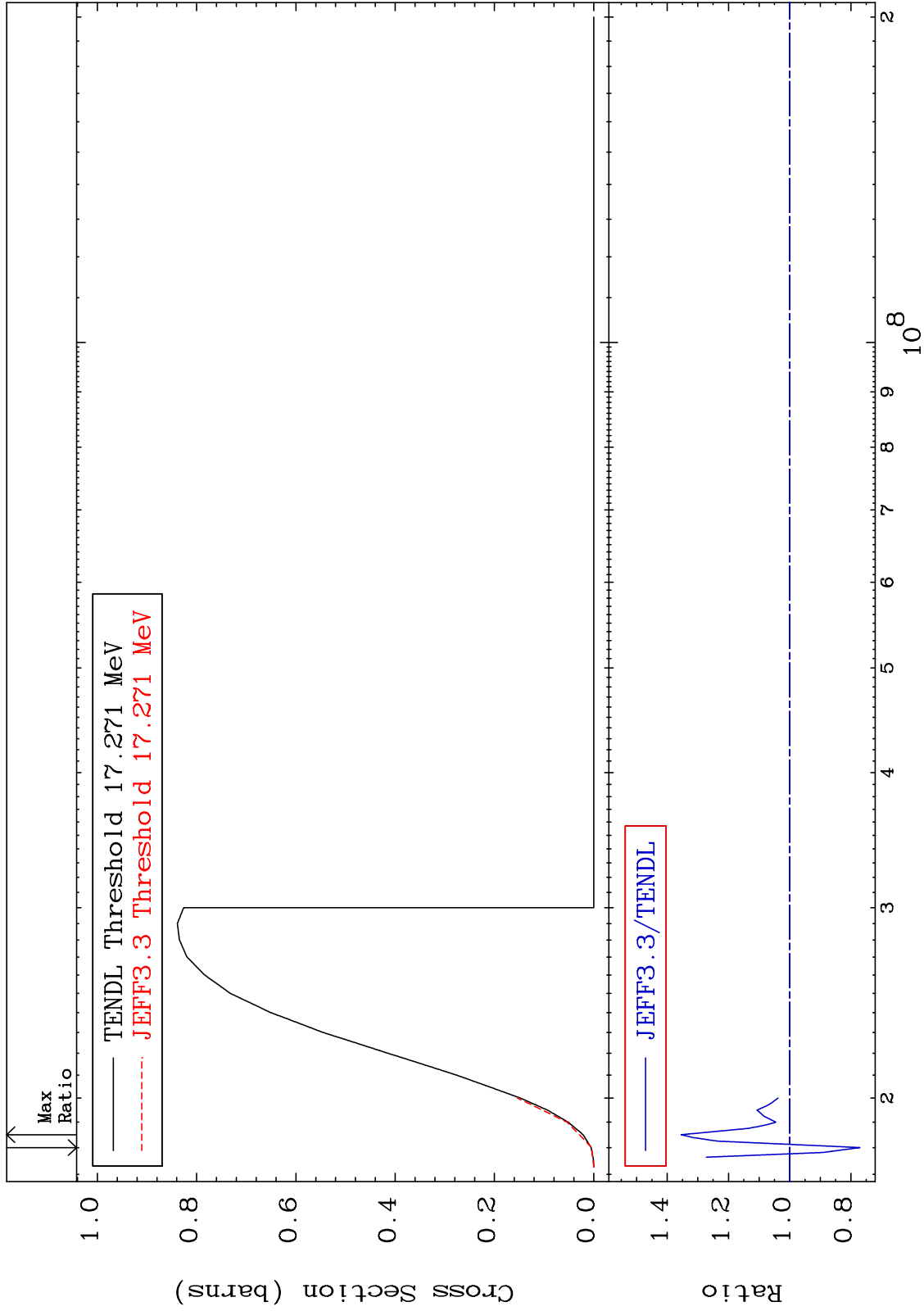
MAT 4925

(n, 3n)

49-In-113

Cross Section

-22.94 To 35.43 %



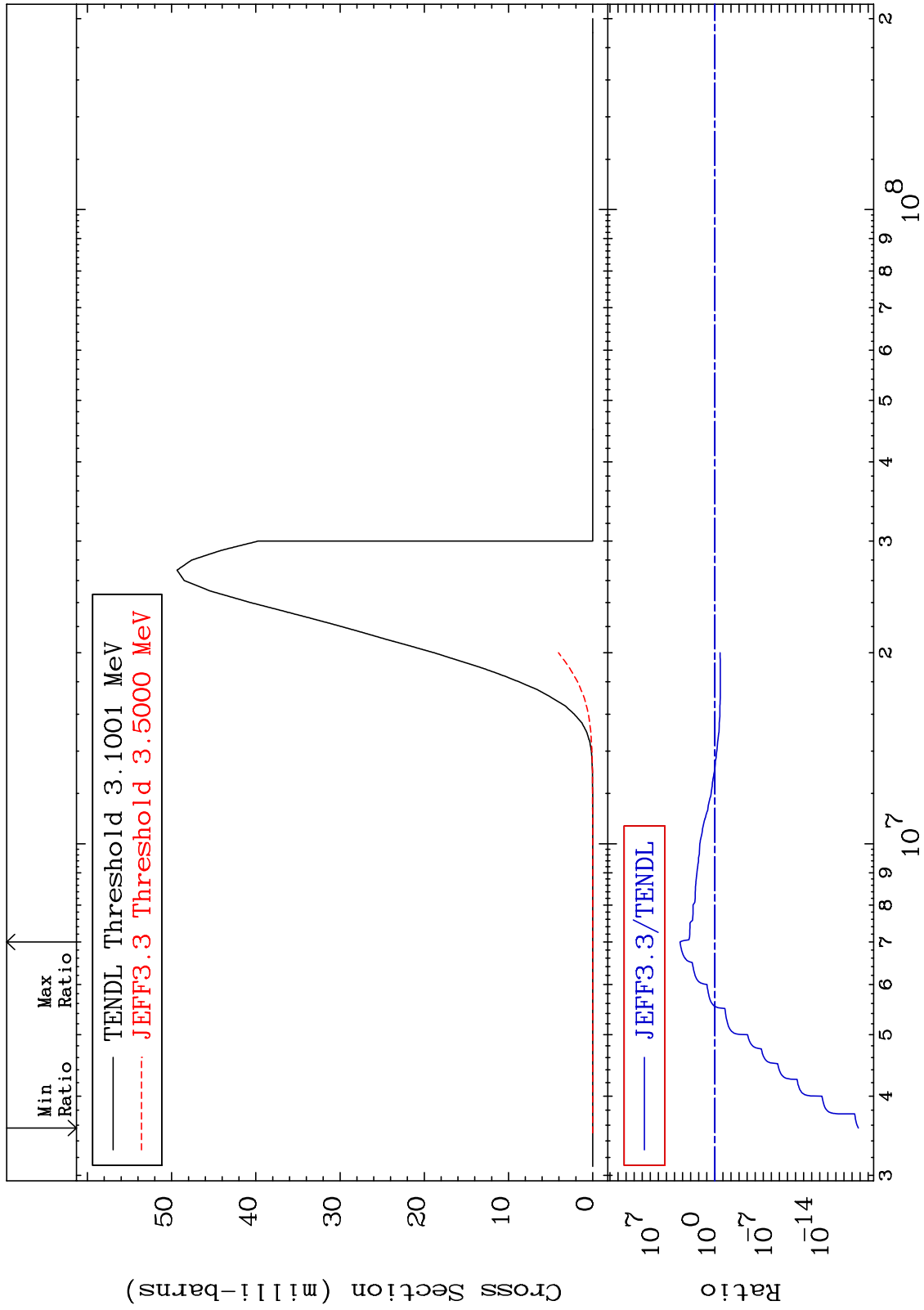
MAT 4925

(n, n') α

49-In-113

Cross Section

-100.0 To 9999. %



6

Incident Energy (eV)

49-In-113

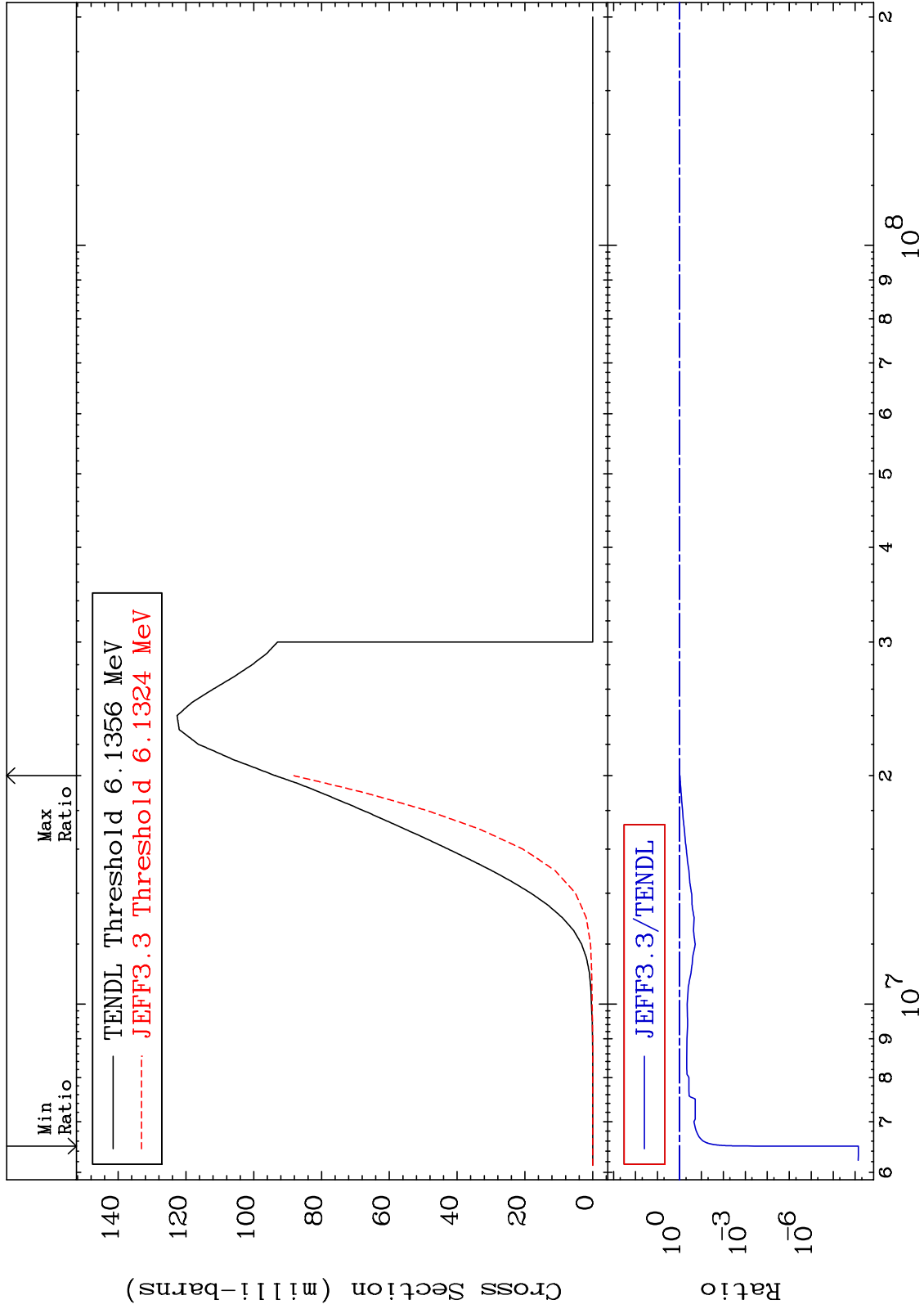
MAT 4925

(n,n') p

49-In-113

Cross Section

-100.0 To -5.838%



49-In-113

7

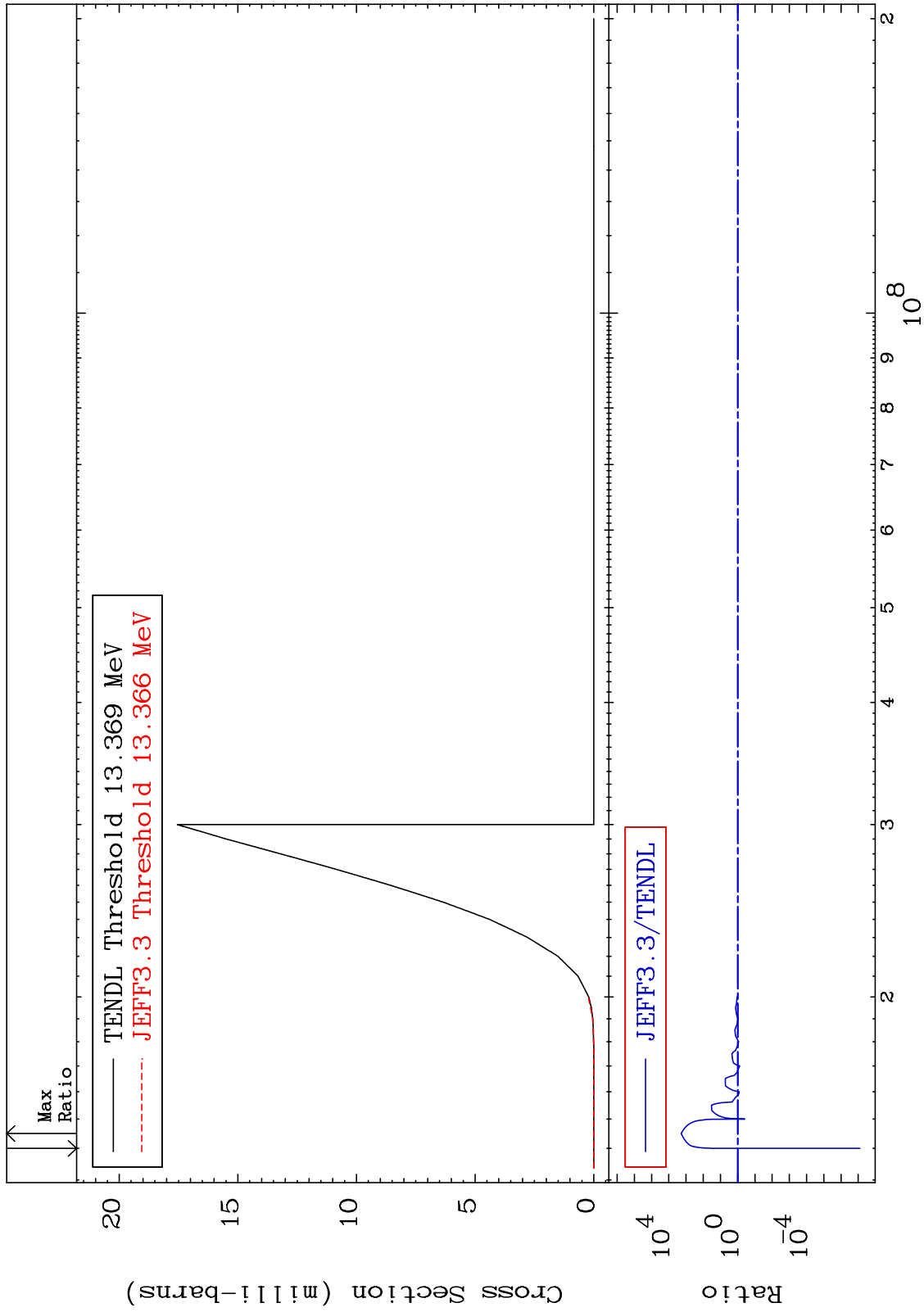
MAT 4925

(n, n') d

49-In-113

Cross Section

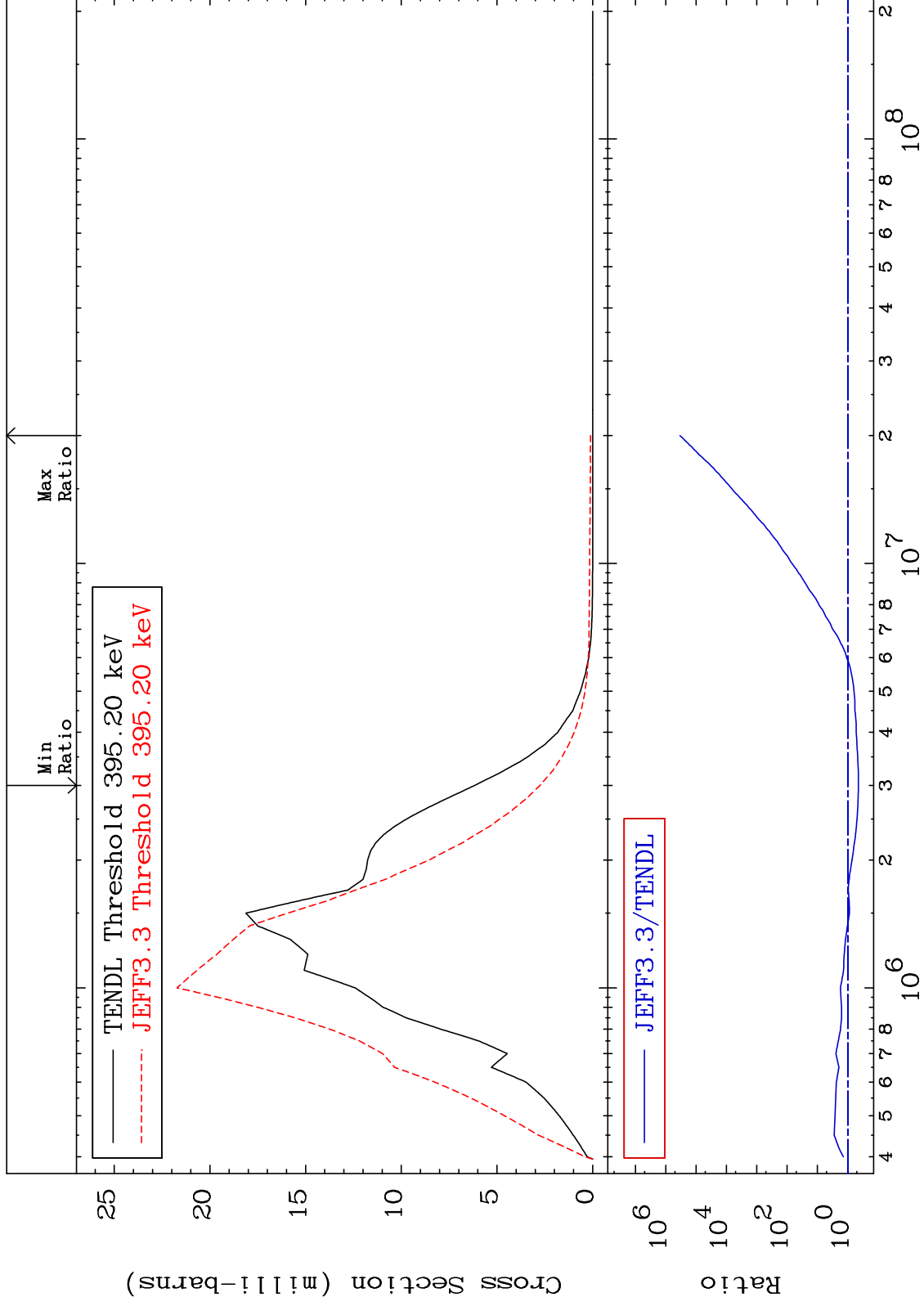
-100.0 To 9999. %



MAT 4925

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

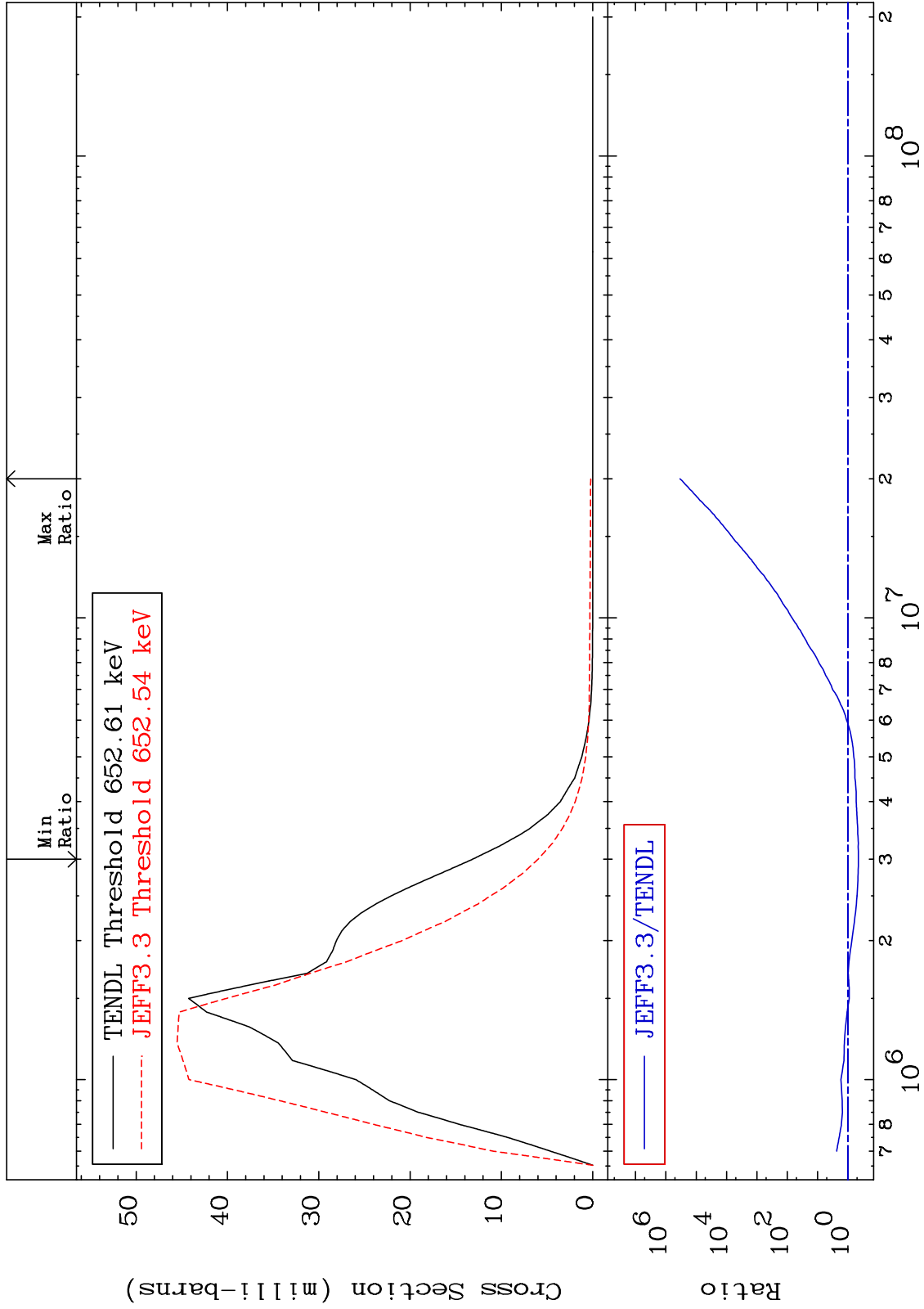
49-In-113
-55.33 To 9999. %



MAT 4925

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

49-In-113
-54.60 To 9999. %

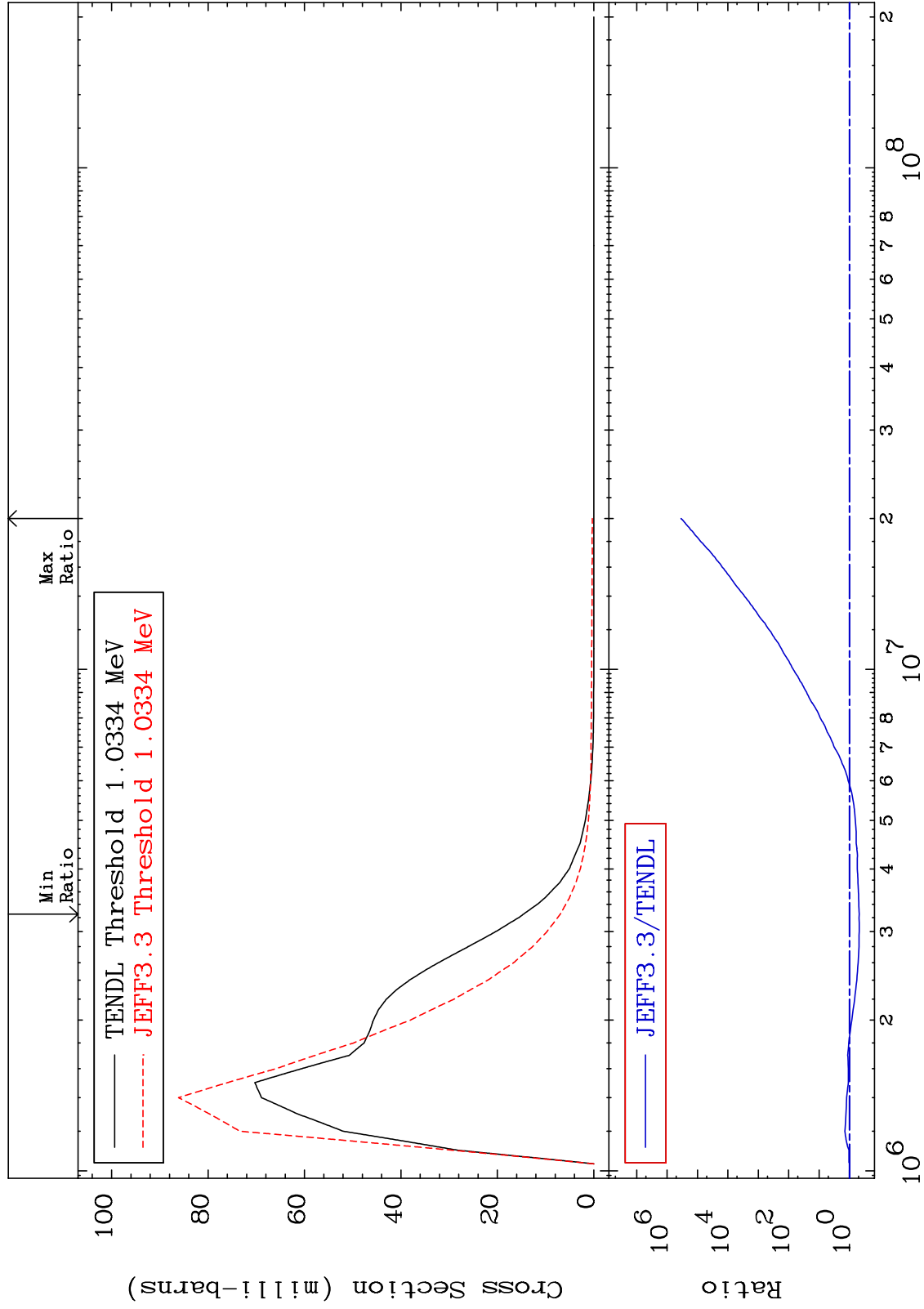


10 7 8 10⁶ 2 3 4 5 6 7 8 10⁷ 2 10⁸ 49-In-113

MAT 4925

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

49-In-113
-52.49 To 9999. %



11

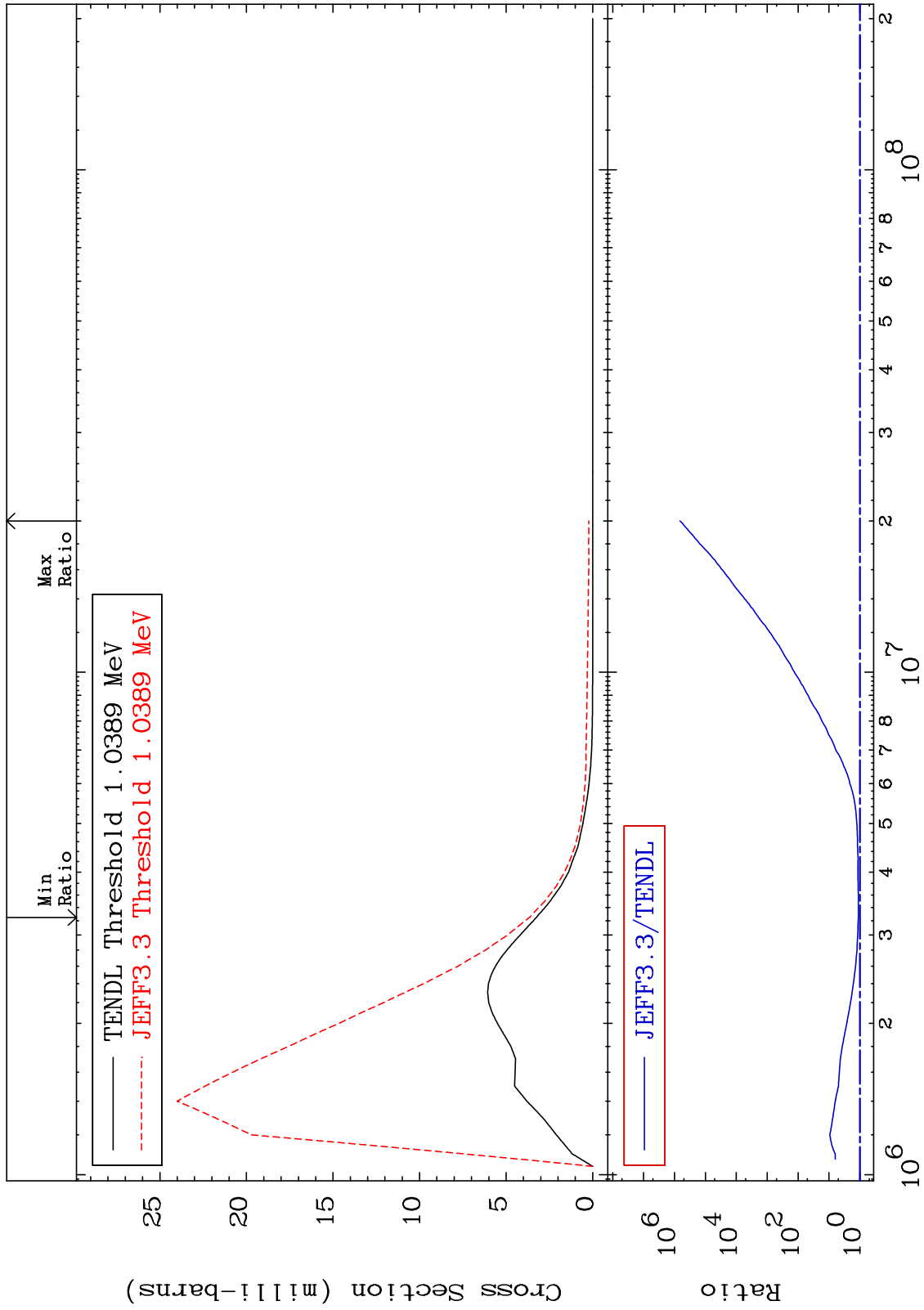
Incident Energy (eV)

49-In-113

MAT 4925

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

49-In-113
11.95 To 9999. %



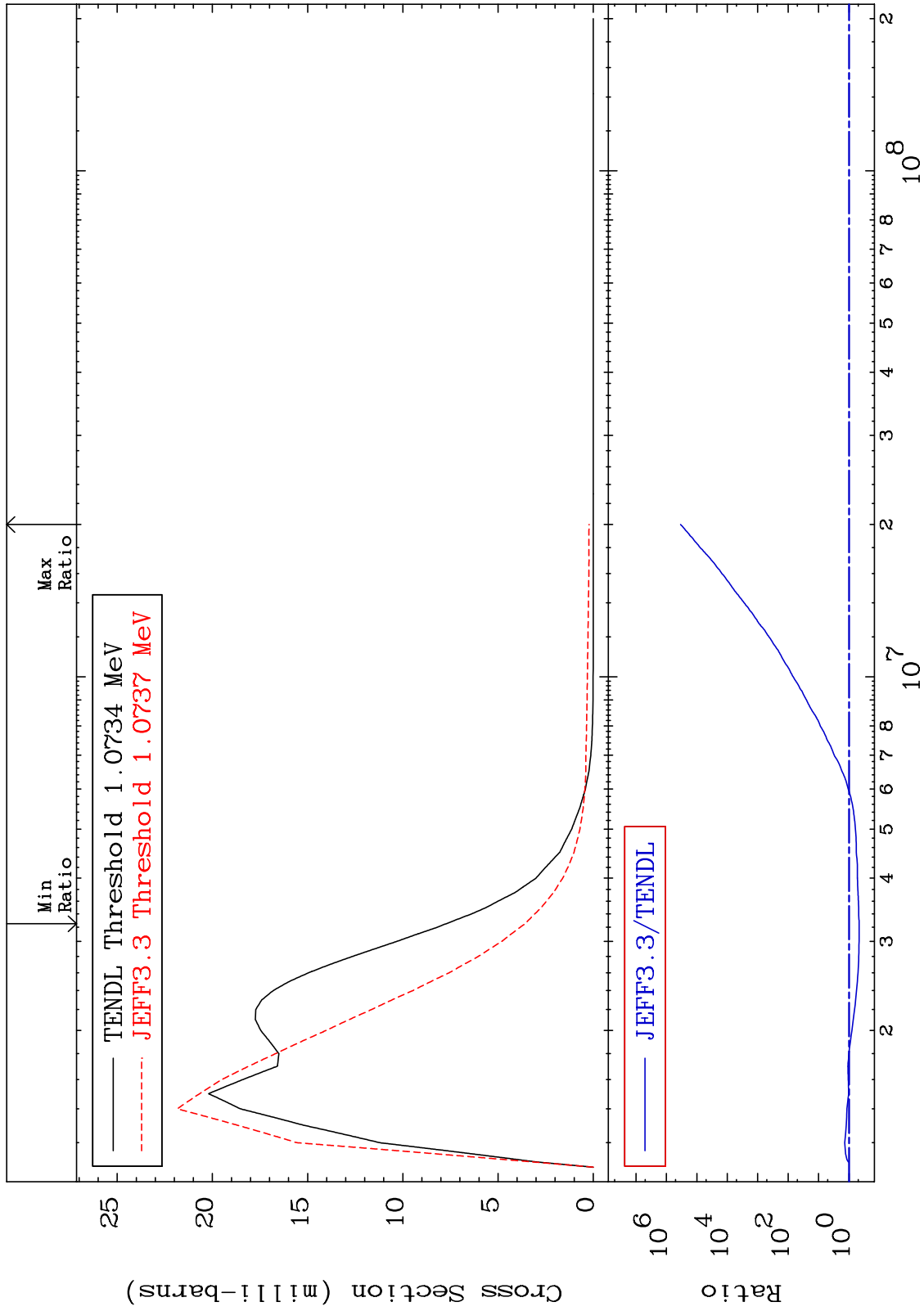
49-In-113

12

MAT 4925

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

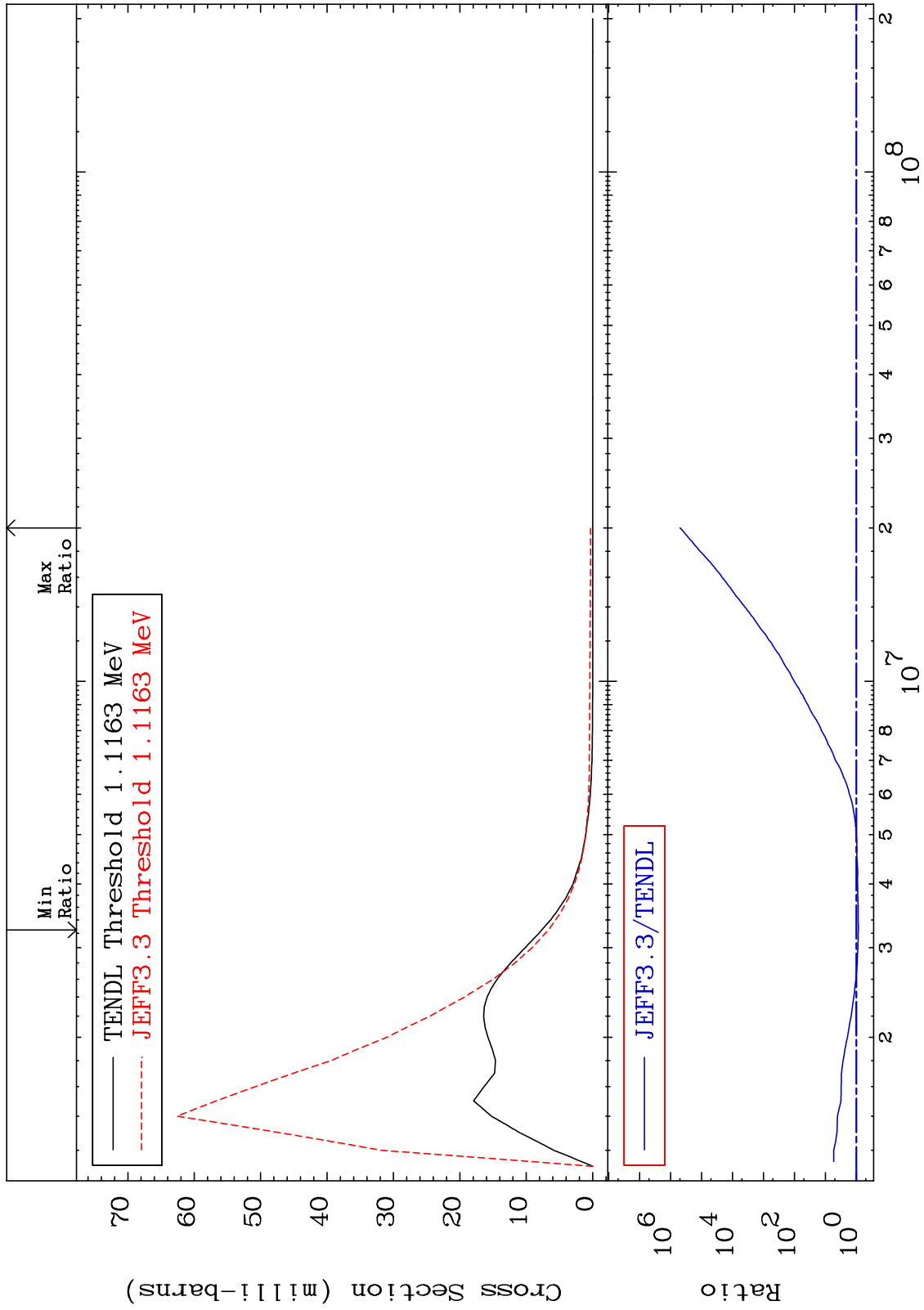
49-In-113
-53.63 To 9999. %



MAT 4925

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

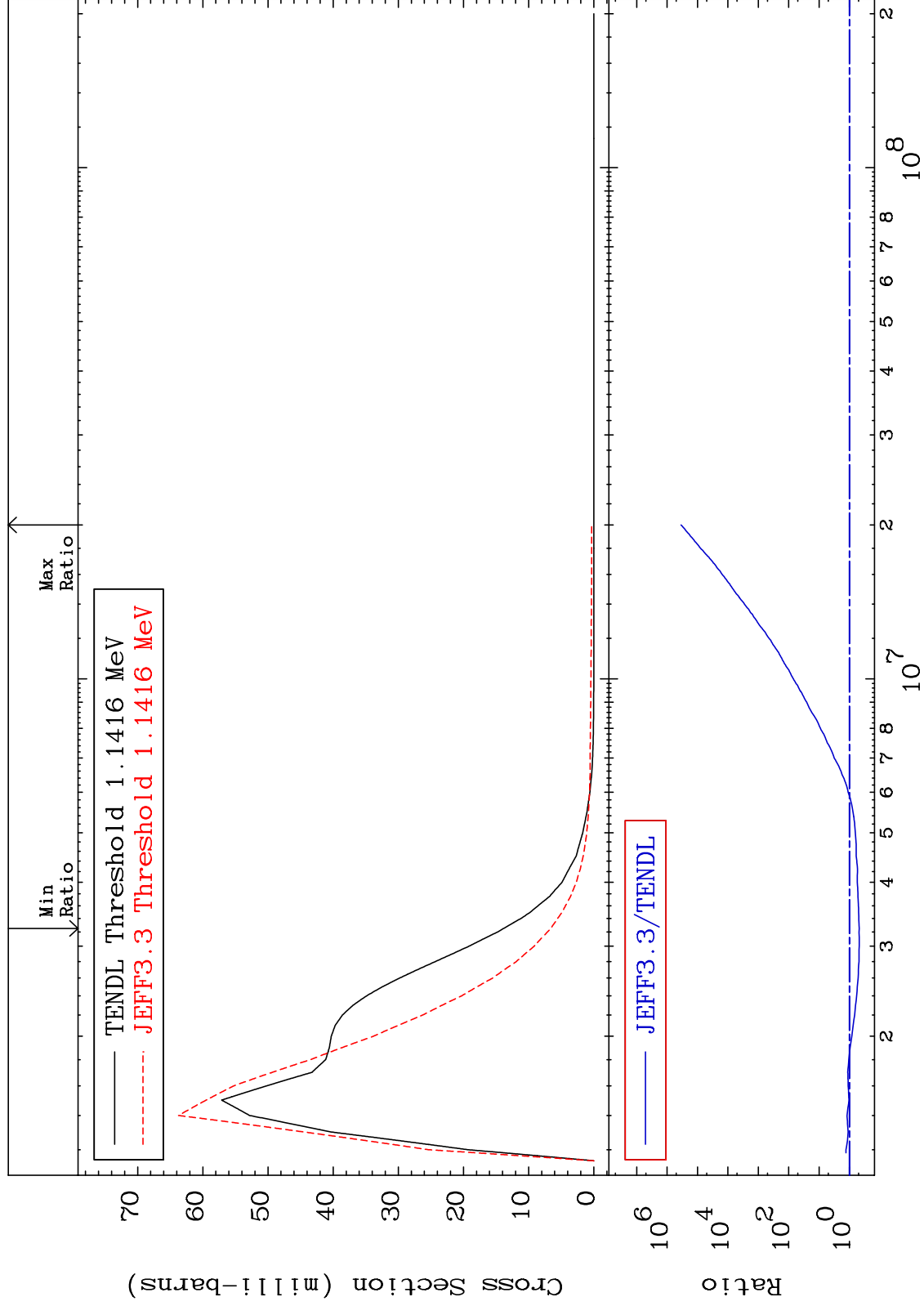
49-In-113
-13.54 To 9999. %



MAT 4925

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

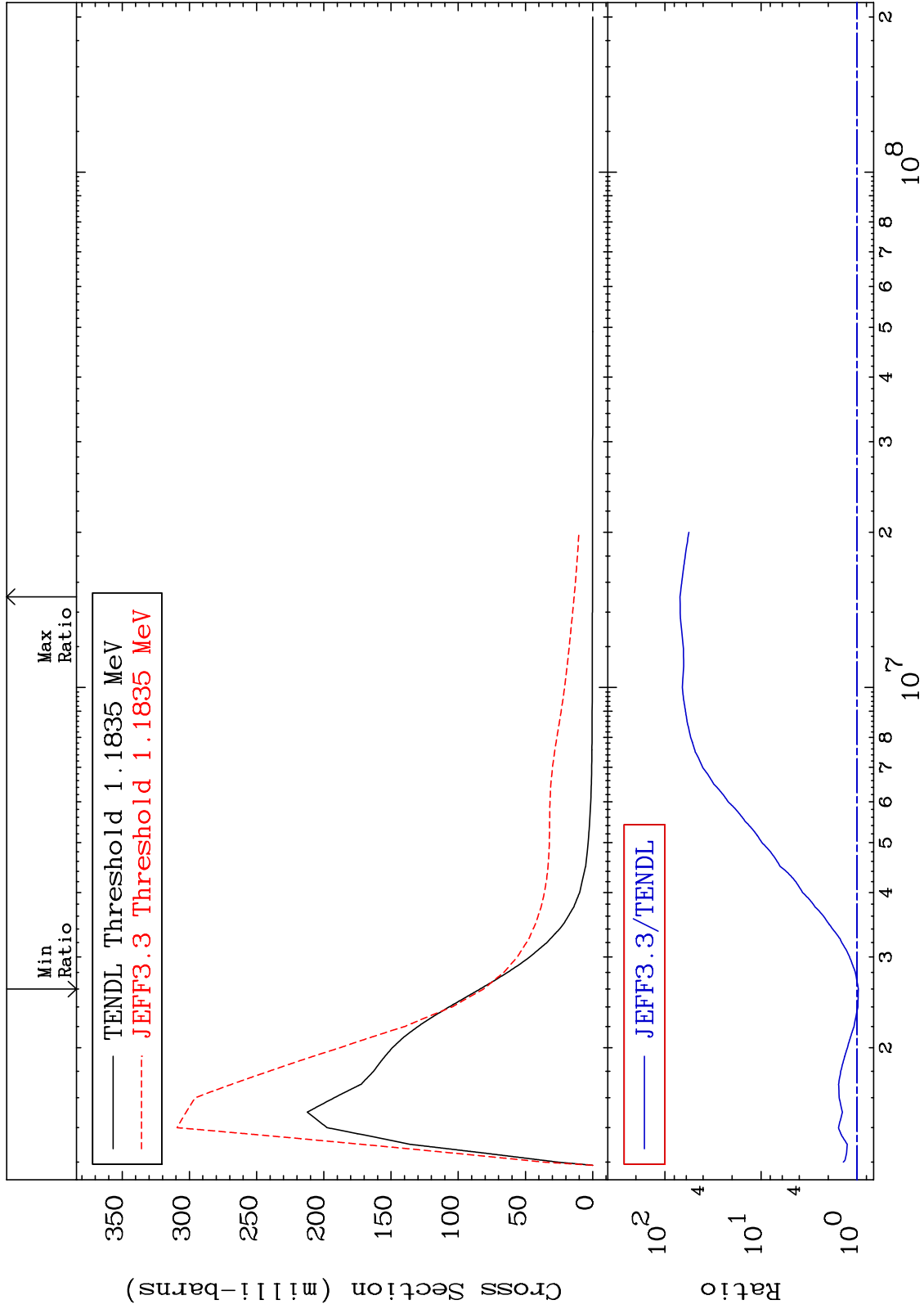
49-In-113
-52.35 To 9999. %



MAT 4925

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

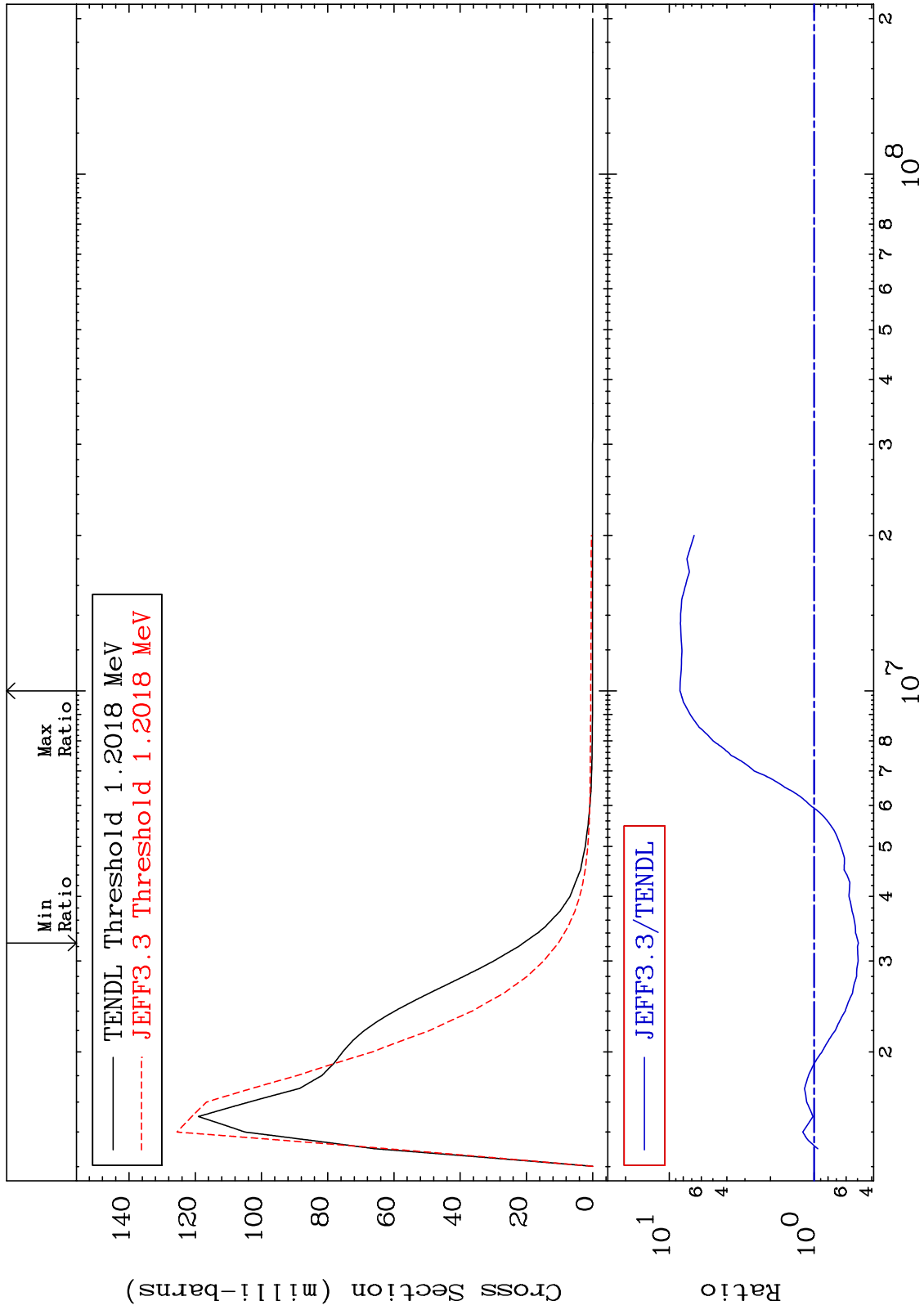
49-In-113
-3.081 To 6858. %



MAT 4925

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

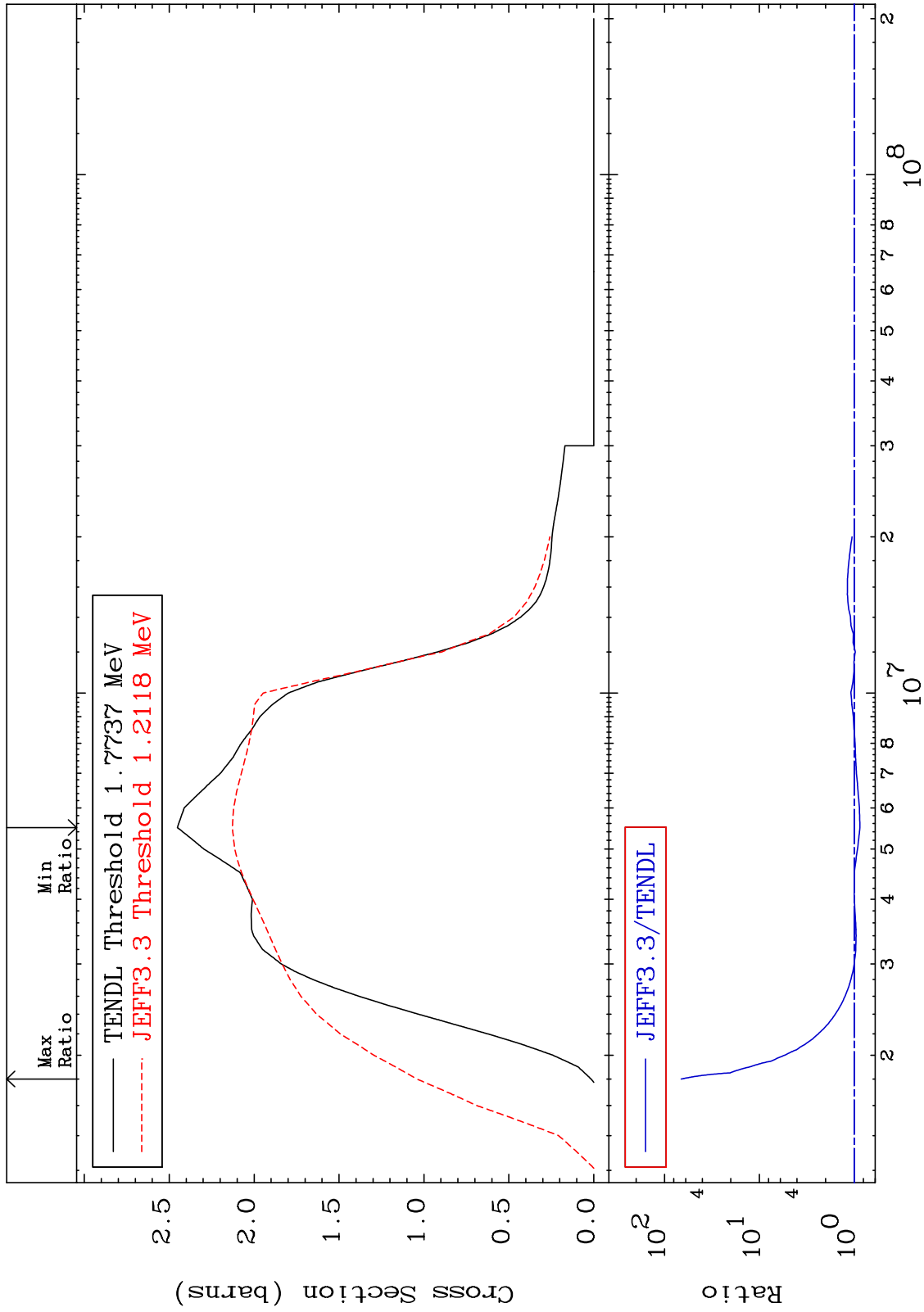
49-In-113
-50.65 To 742.7 %



MAT 4925

(n, n') Continuum
Cross Section

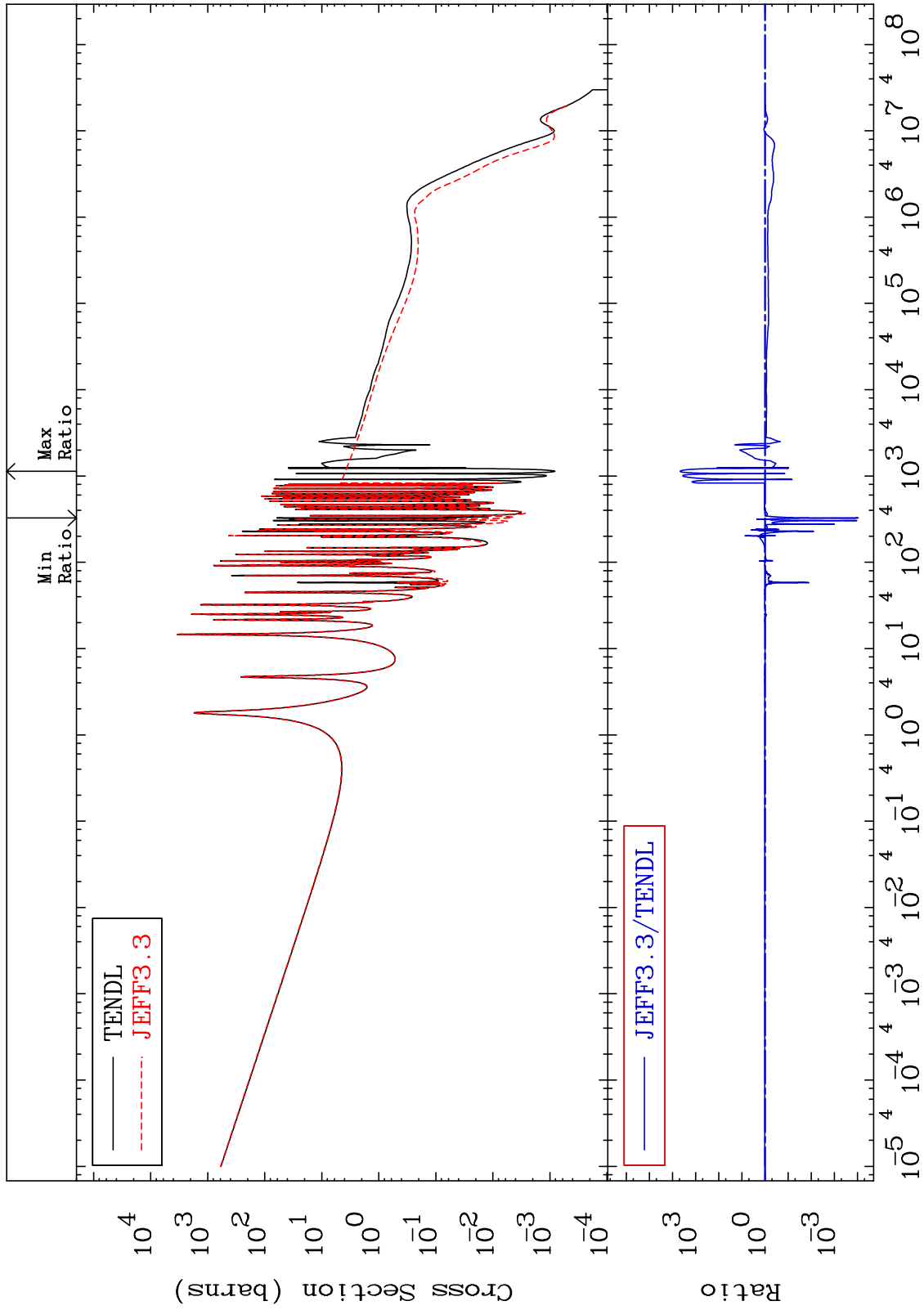
49-In-113
-13.21 To 6581. %



MAT 4925

(n, γ)
Cross Section

49-In-113
-99.99 To 9999. %



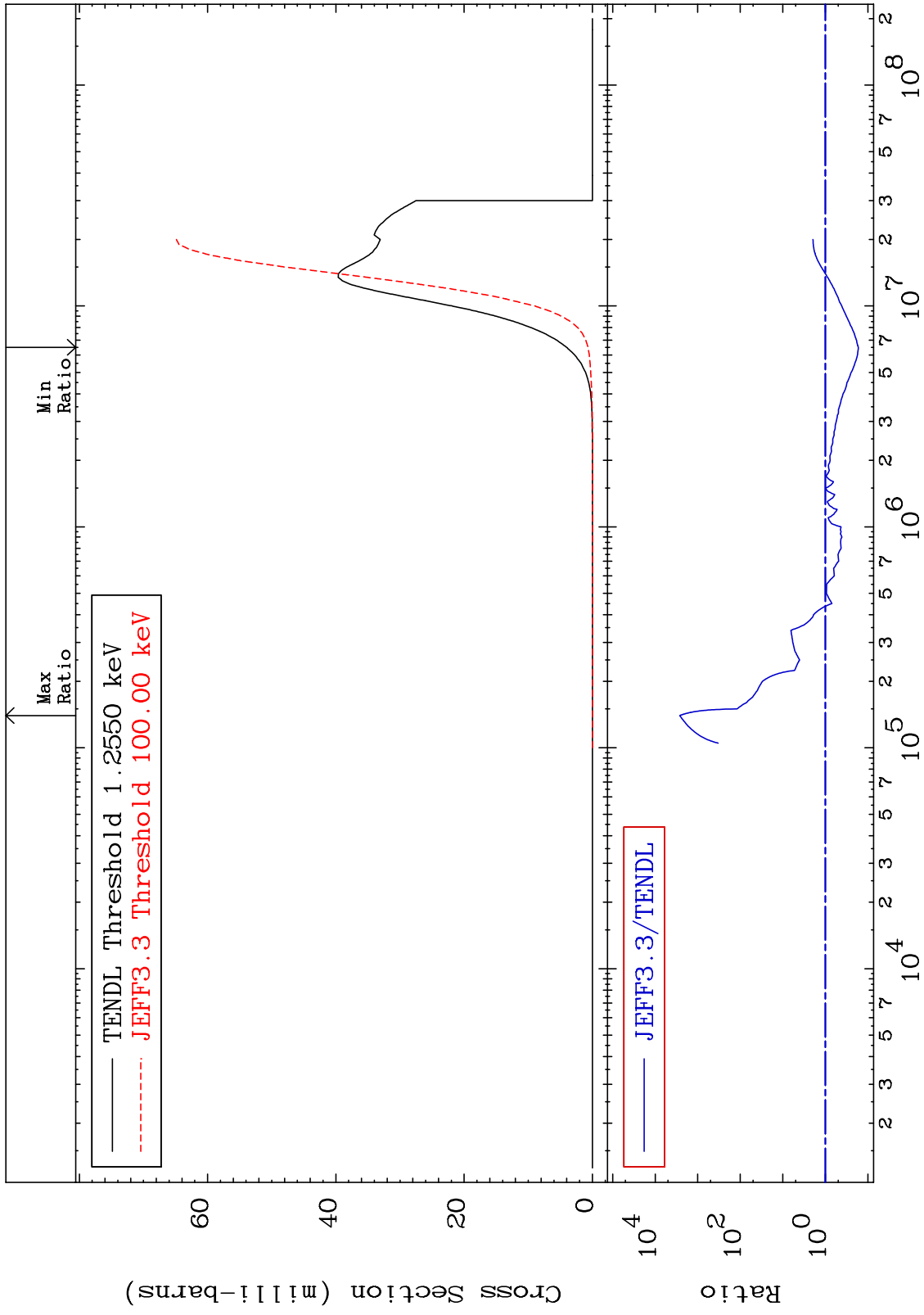
MAT 4925

(n,p)

49-In-113

Cross Section

-83.21 To 9999. %



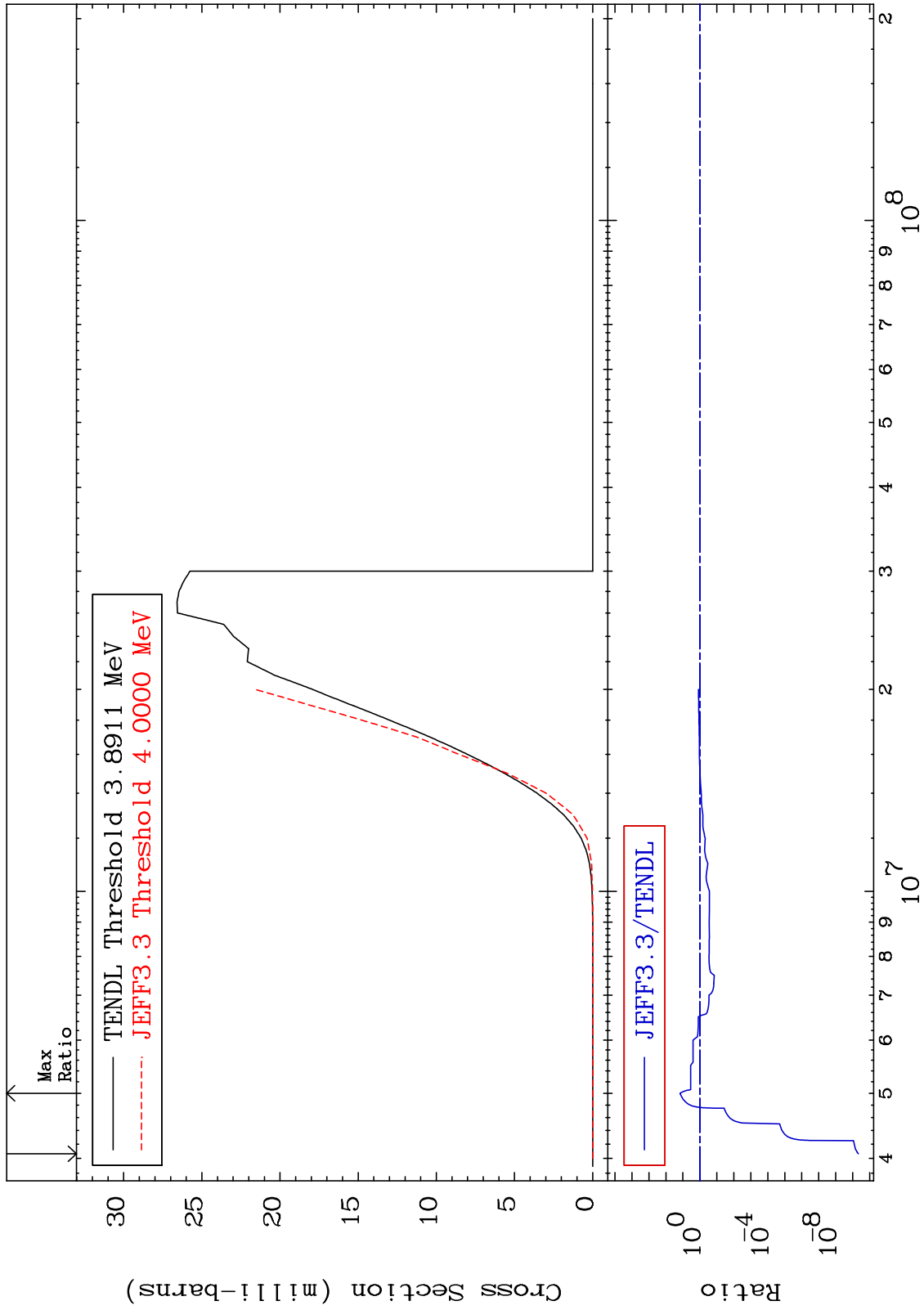
MAT 4925

(n, d)

49-In-113

Cross Section

-100.0 To 1377. %



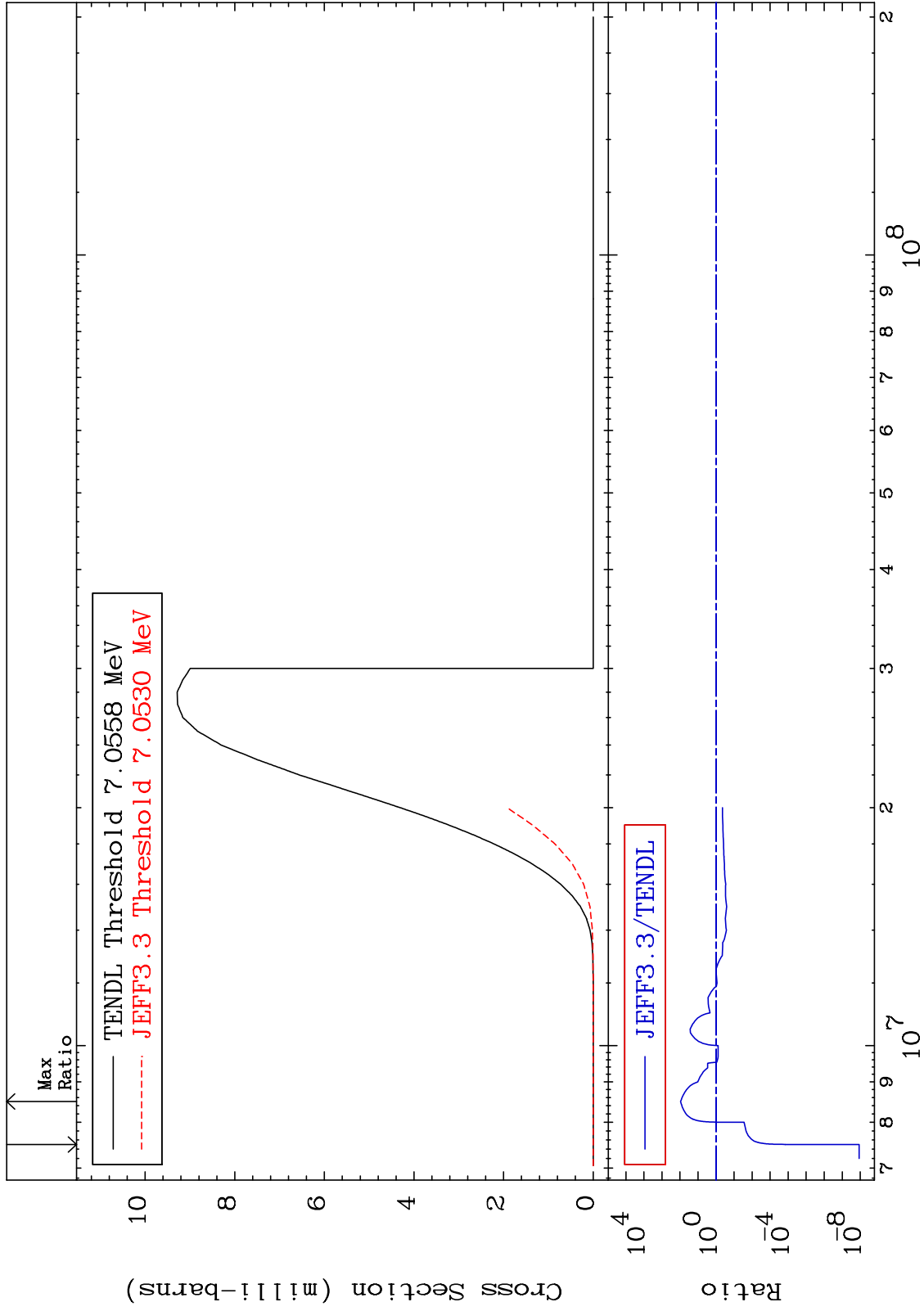
MAT 4925

(n, t)

49-In-113

Cross Section

-100.0 To 9141. %



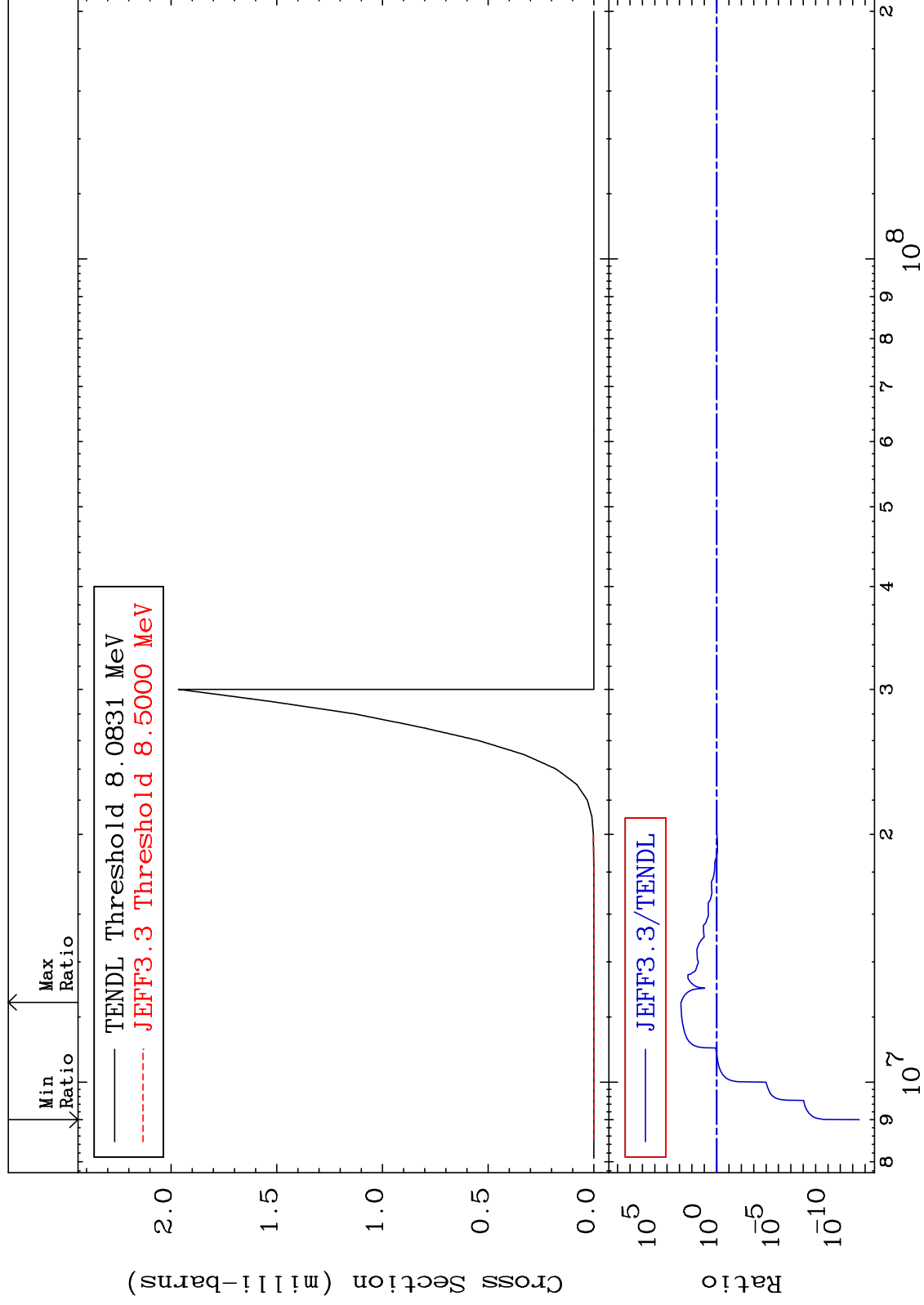
MAT 4925

(n, He-3)

49-In-113

Cross Section

-100.0 To 9999. %



23

Incident Energy (eV)

49-In-113

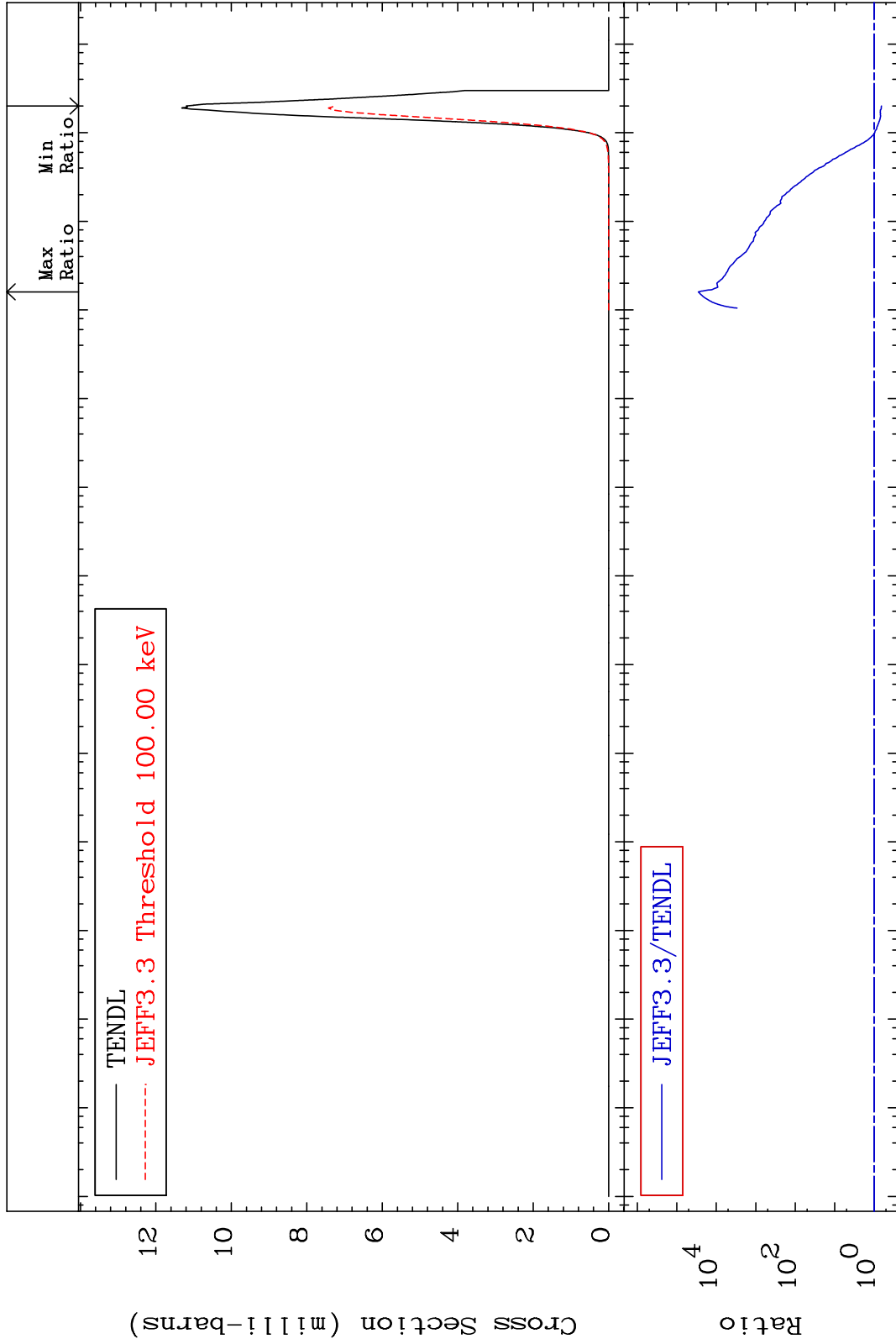
MAT 4925

(n, α)

49-In-113

Cross Section

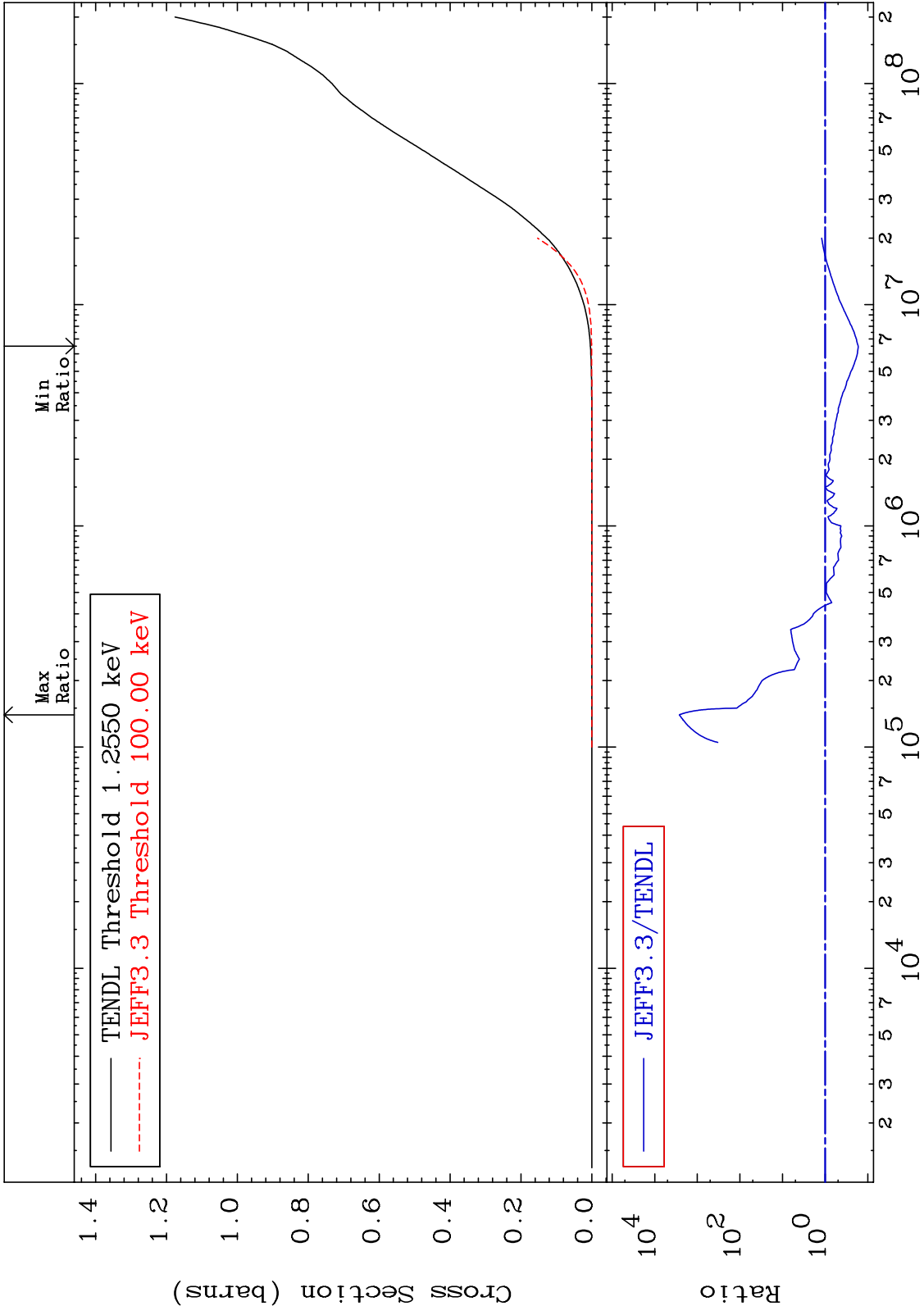
-35.29 To 9999. %



MAT 4925

Hydrogen Production
Cross Section

49-In-113
-83.21 To 9999. %



25

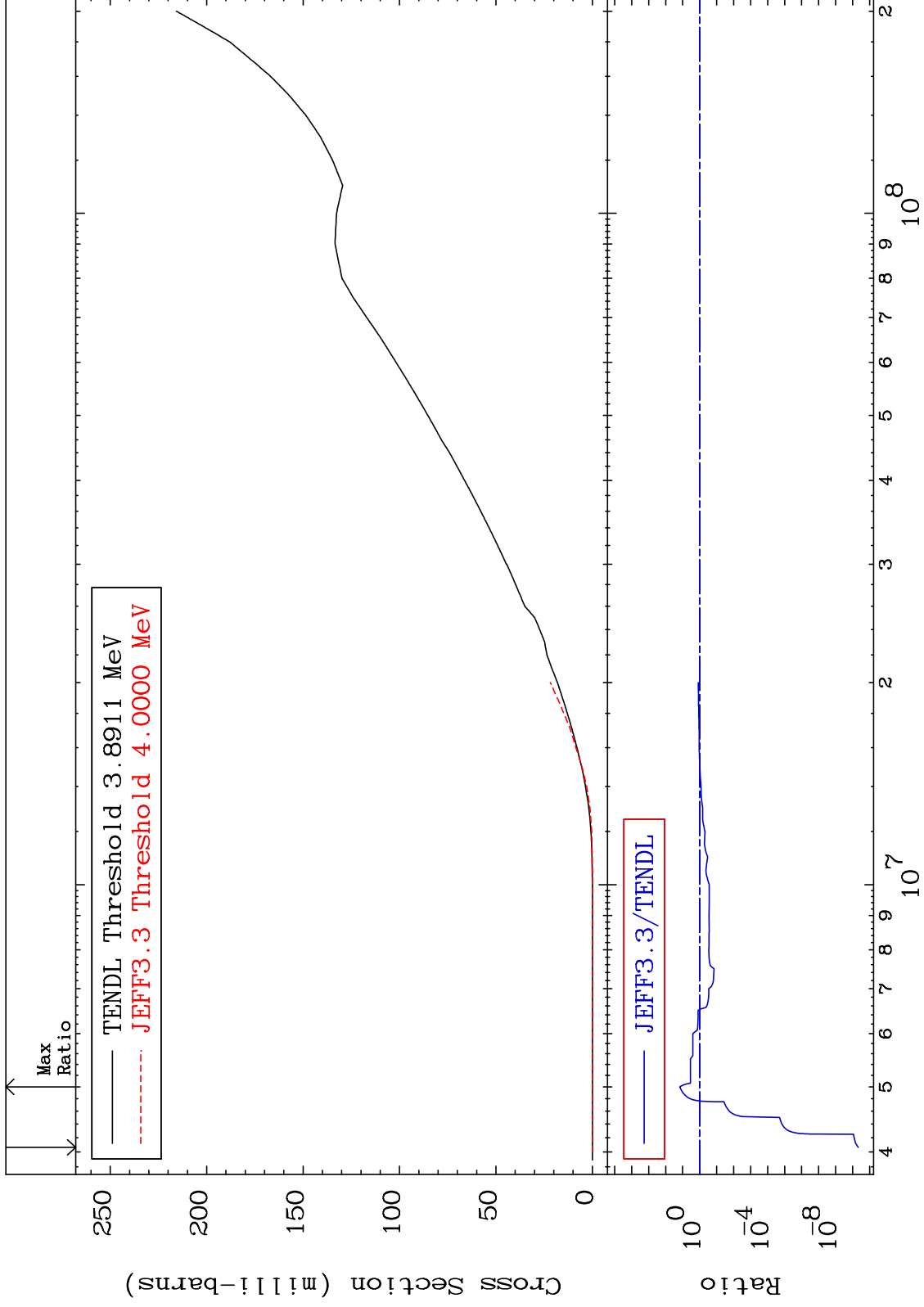
Incident Energy (eV)

49-In-113

MAT 4925

Deuterium Production
Cross Section

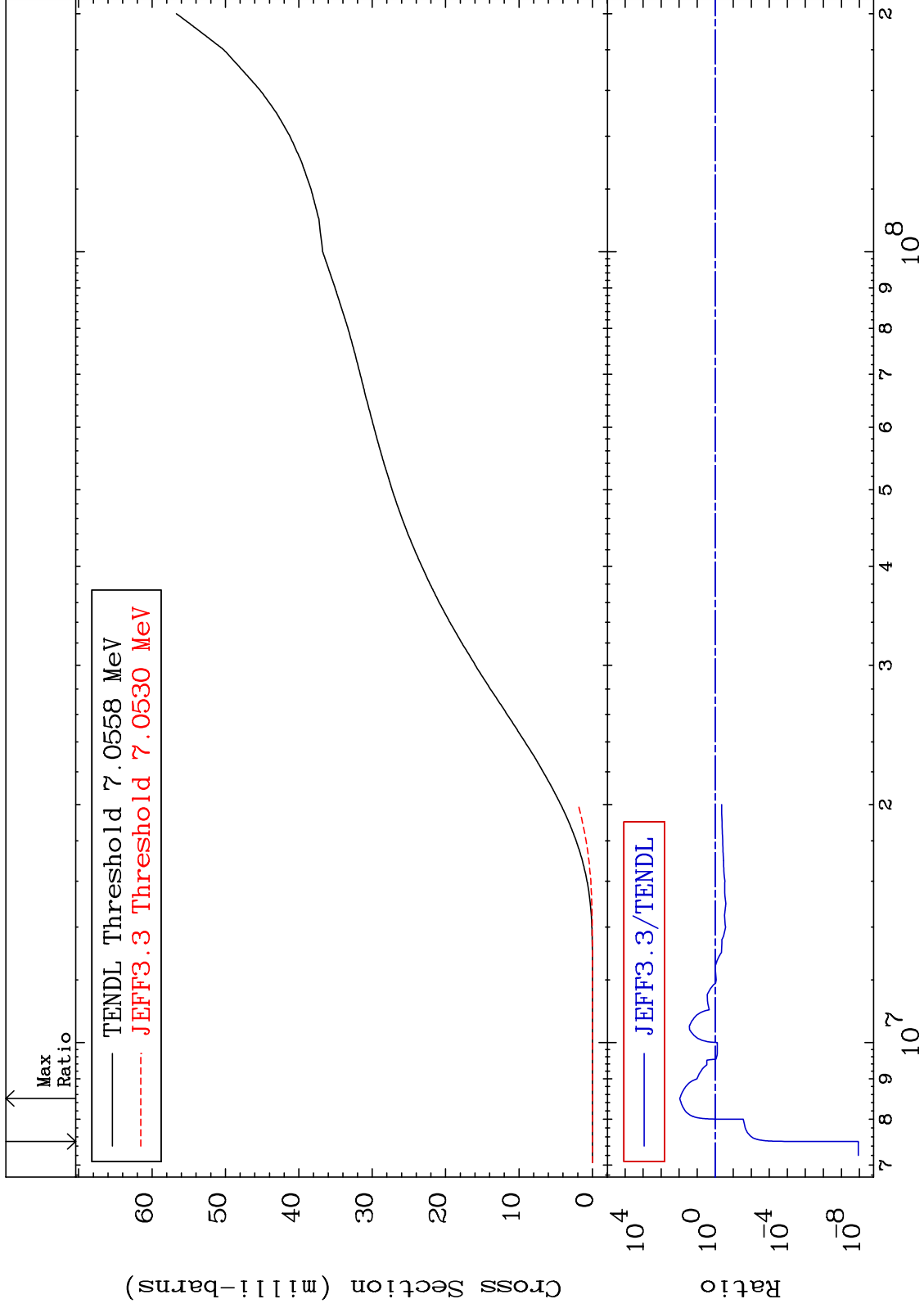
49-In-113
-100.0 To 1377. %



MAT 4925

Tritium Production
Cross Section

49-In-113
-100.0 To 9141. %



27

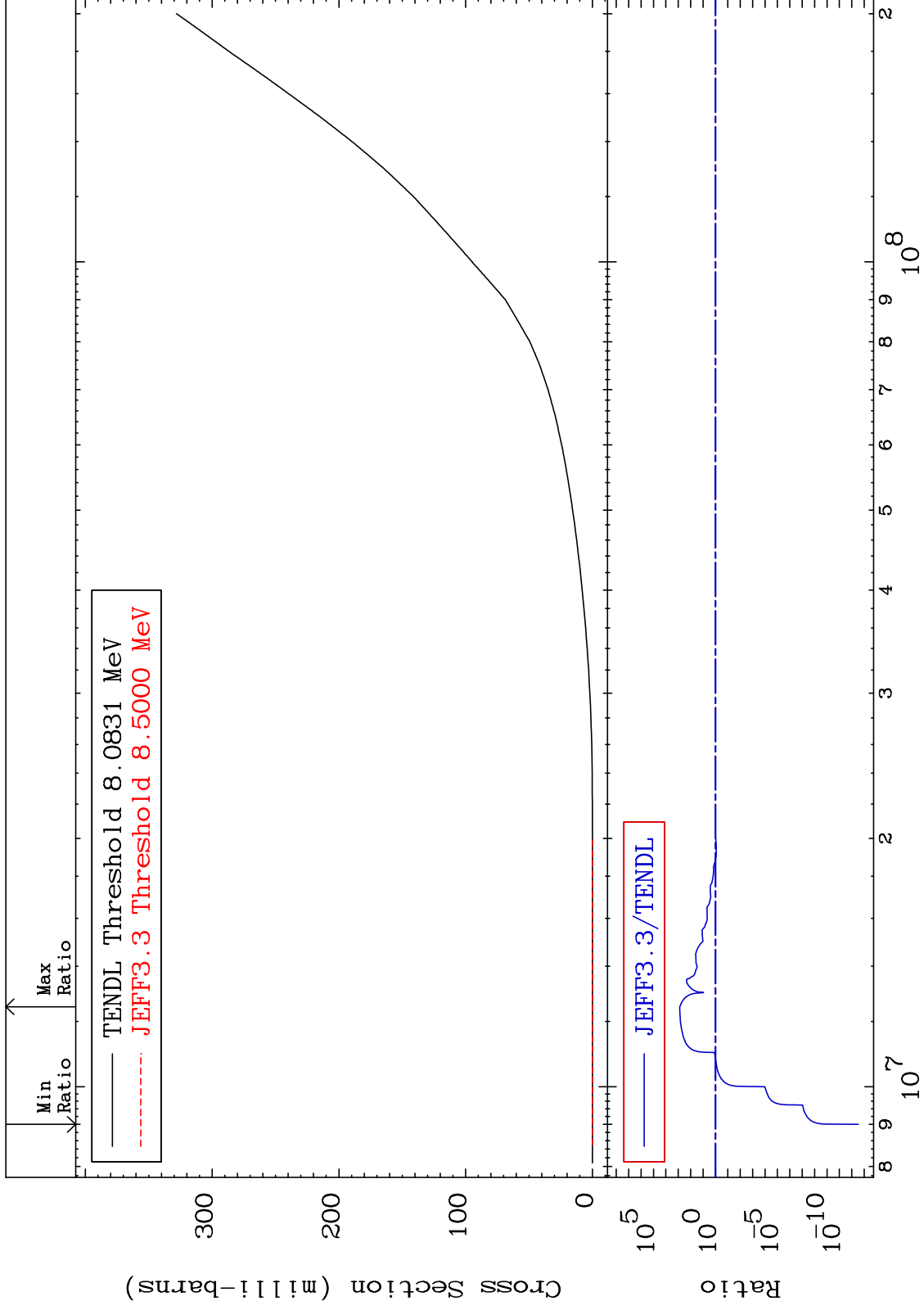
Incident Energy (eV)

49-In-113

MAT 4925

He-3 Production
Cross Section

49-In-113
-100.0 To 9999. %



28

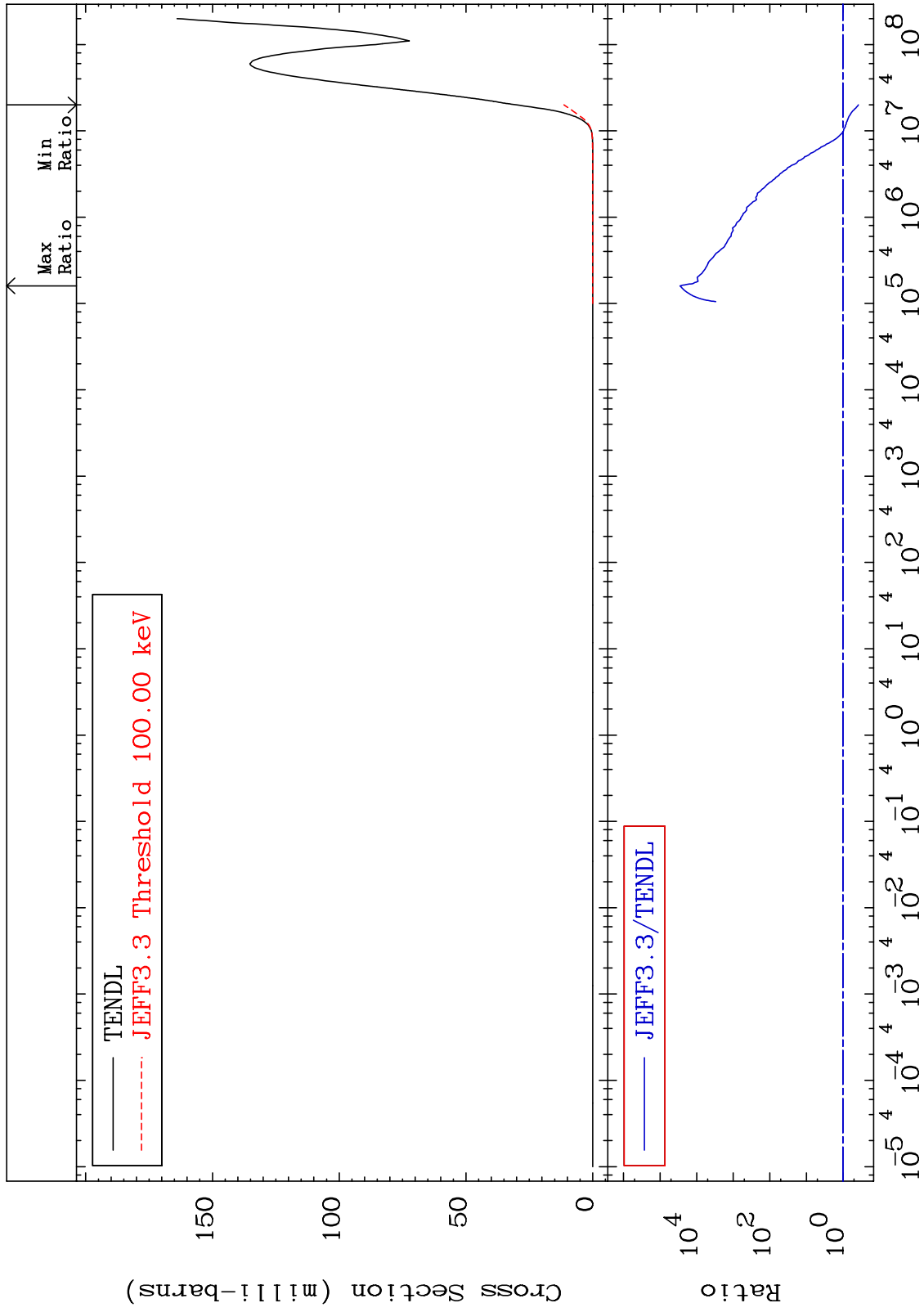
Incident Energy (eV)

49-In-113

MAT 4925

He-4 Production
Cross Section

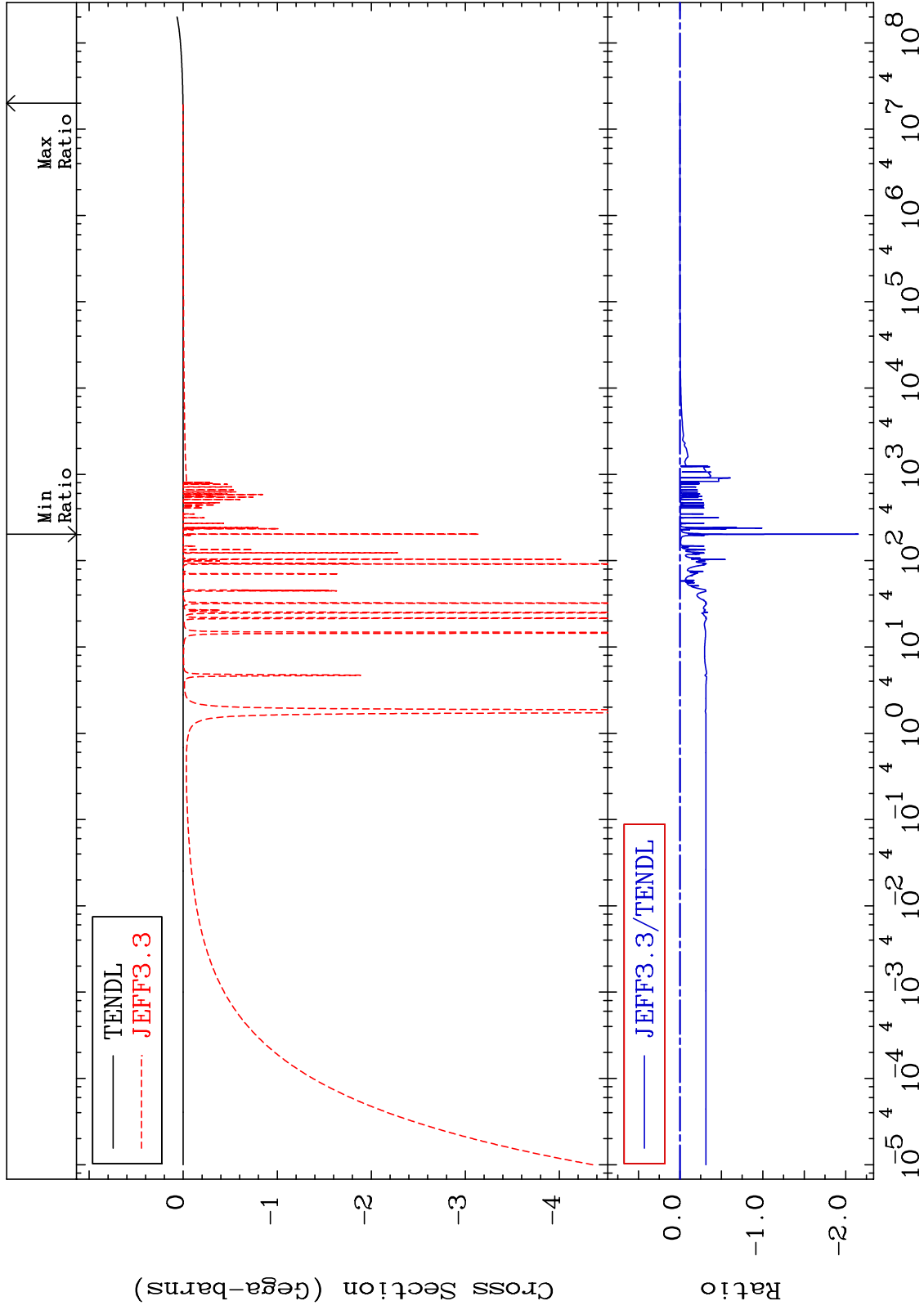
49-In-113
-62.32 To 9999. %



MAT 4925

Kerma total (eV-barns)
Cross Section

49-In-113
-9999. To -19.20%



30

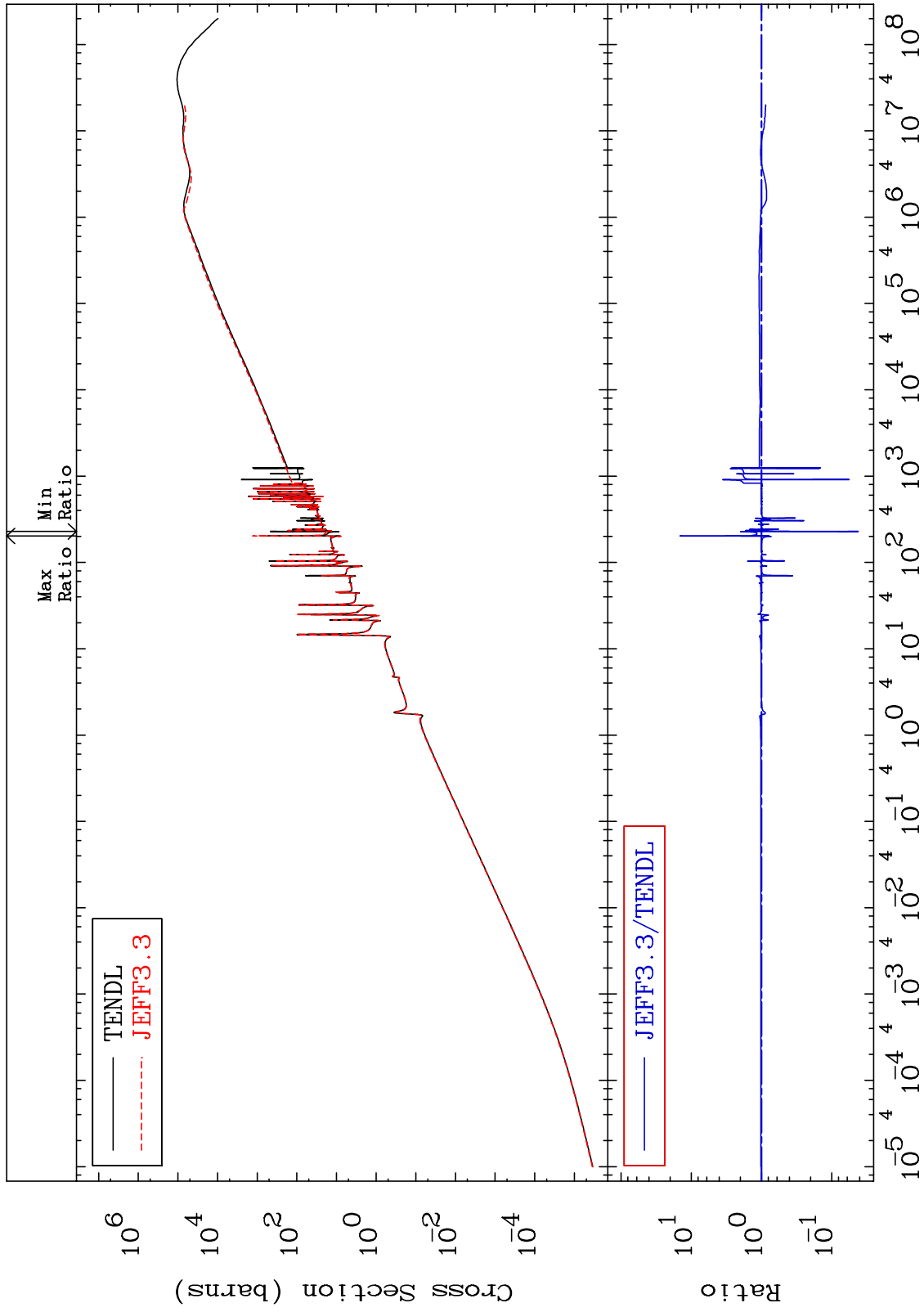
Incident Energy (eV)

49-In-113

MAT 4925

Kerma elastic
Cross Section

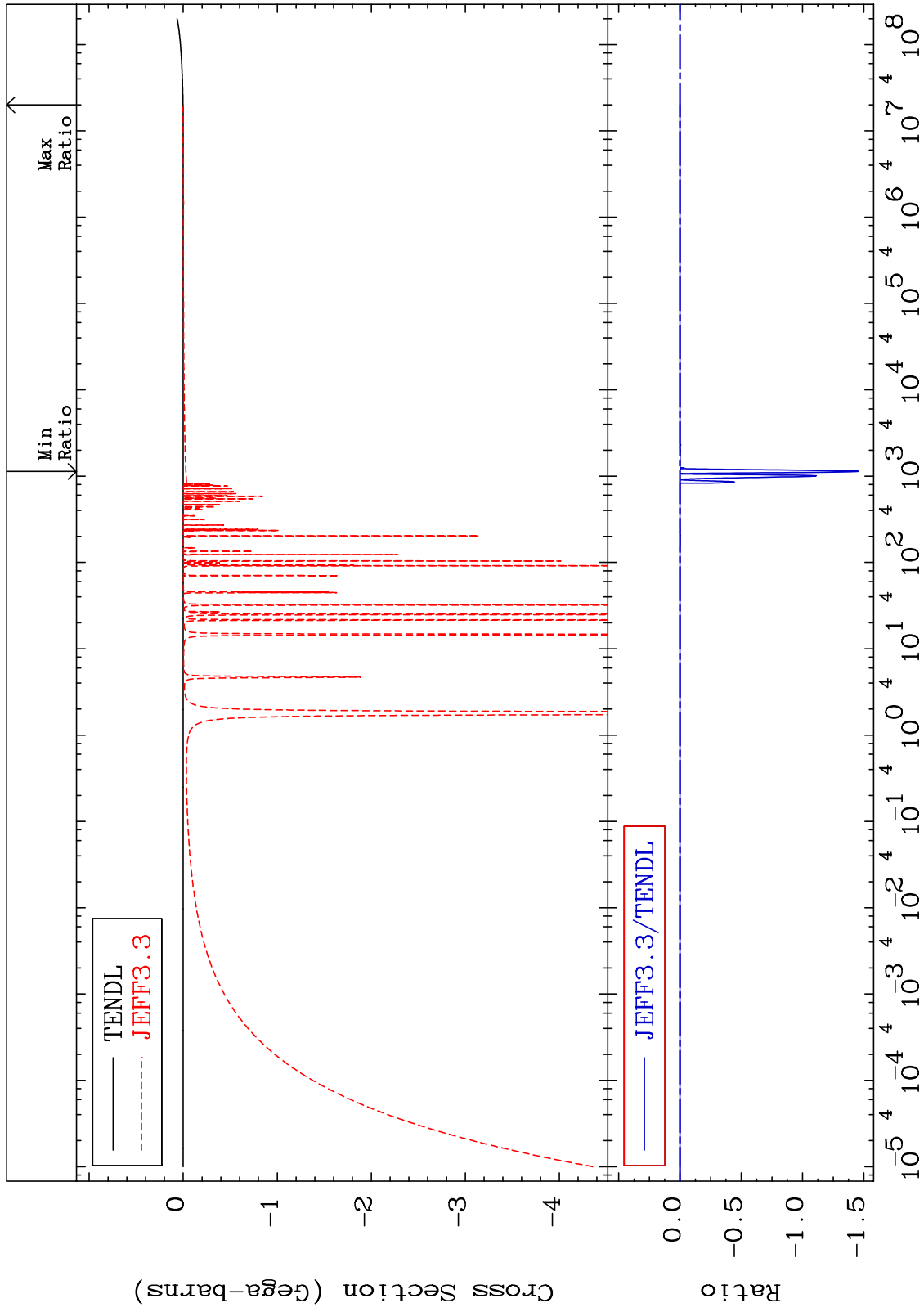
49-In-113
-95.83 To 1348. %



MAT 4925

Kerma non-elastic (all but mt2)
Cross Section

49-In-113
-9999. To -19.40%



32

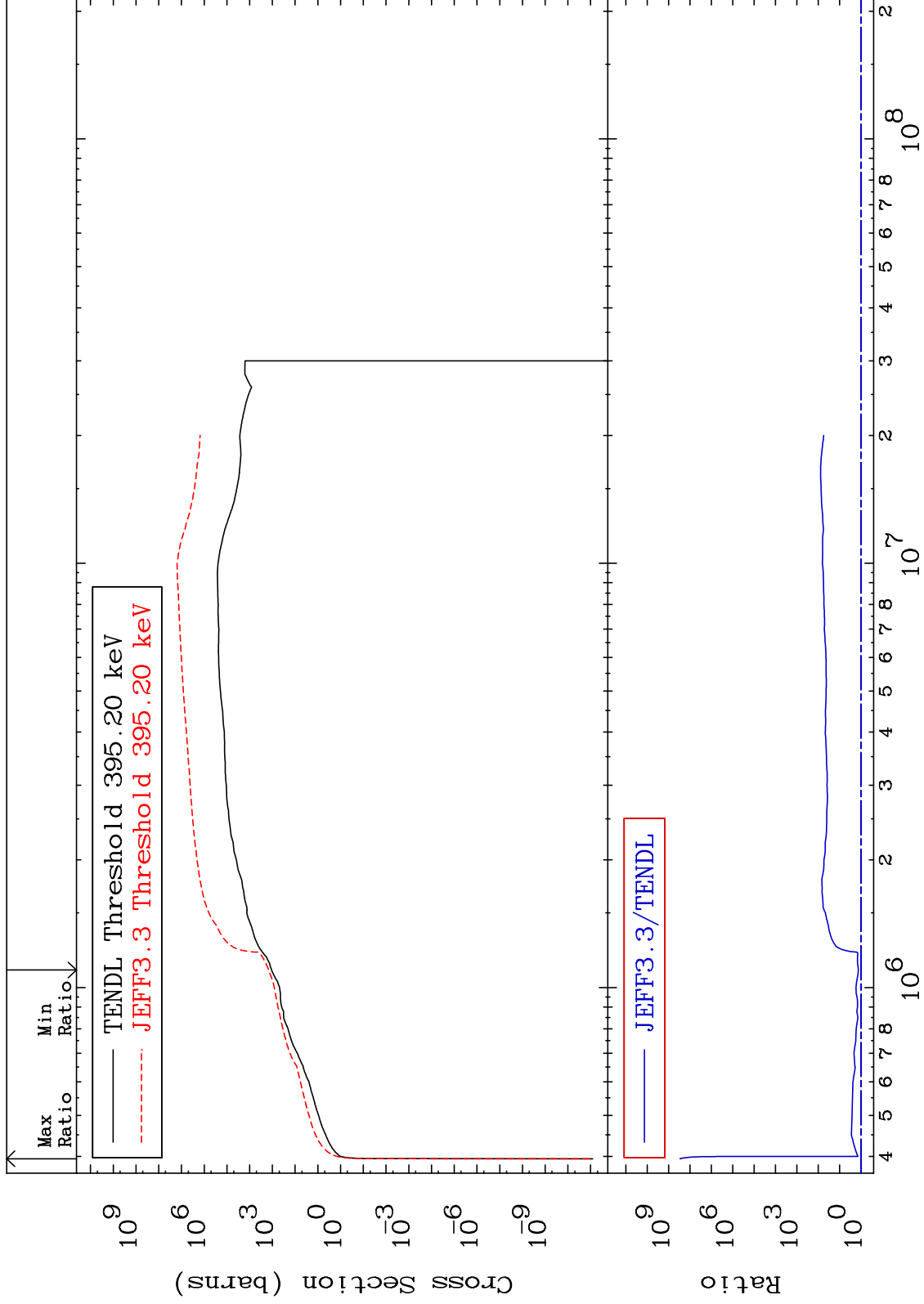
Incident Energy (eV)

49-In-113

MAT 4925

Kerma inelastic (mt51-91)
Cross Section

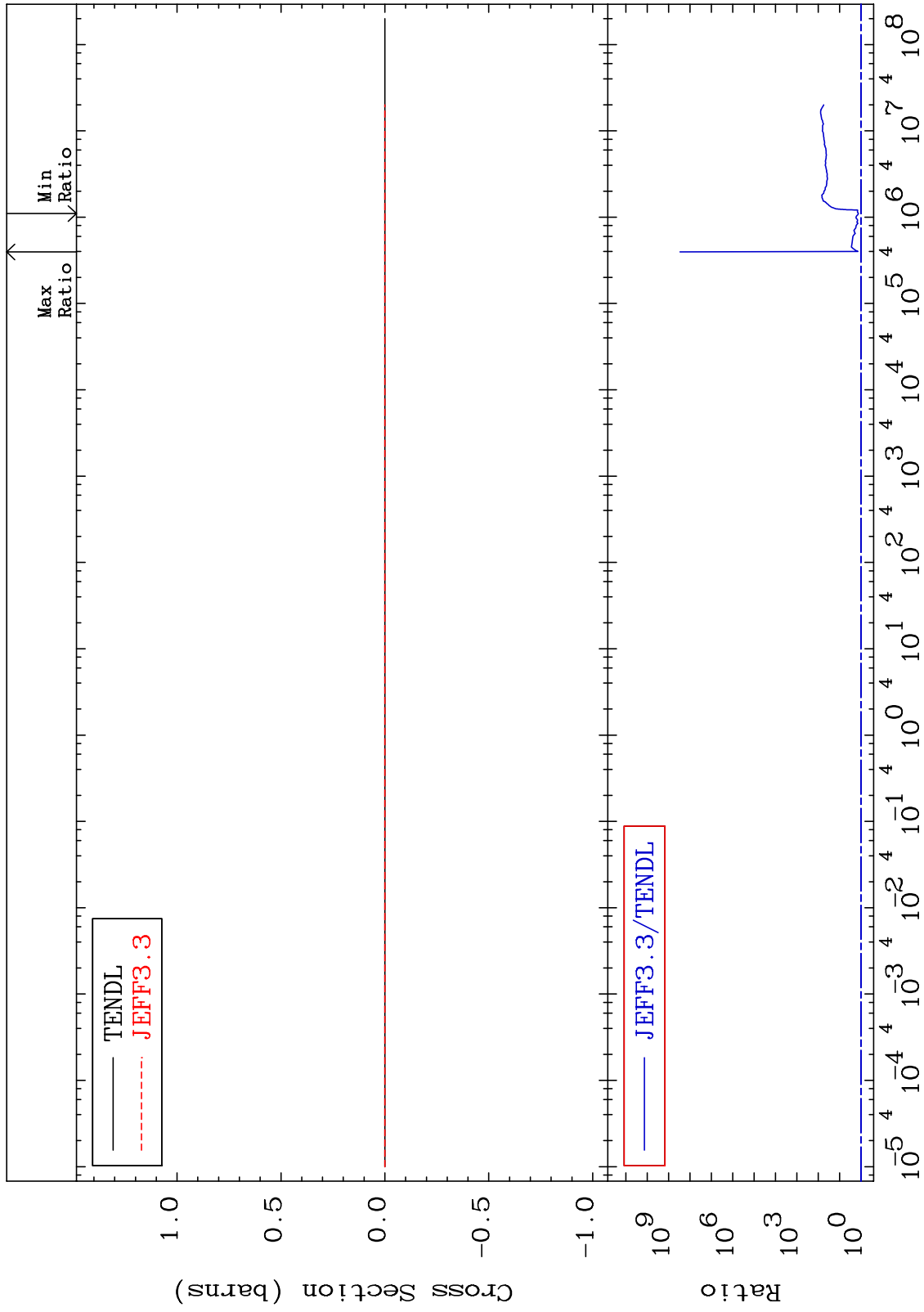
49-In-113
31.81 To 9999. %



MAT 4925

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

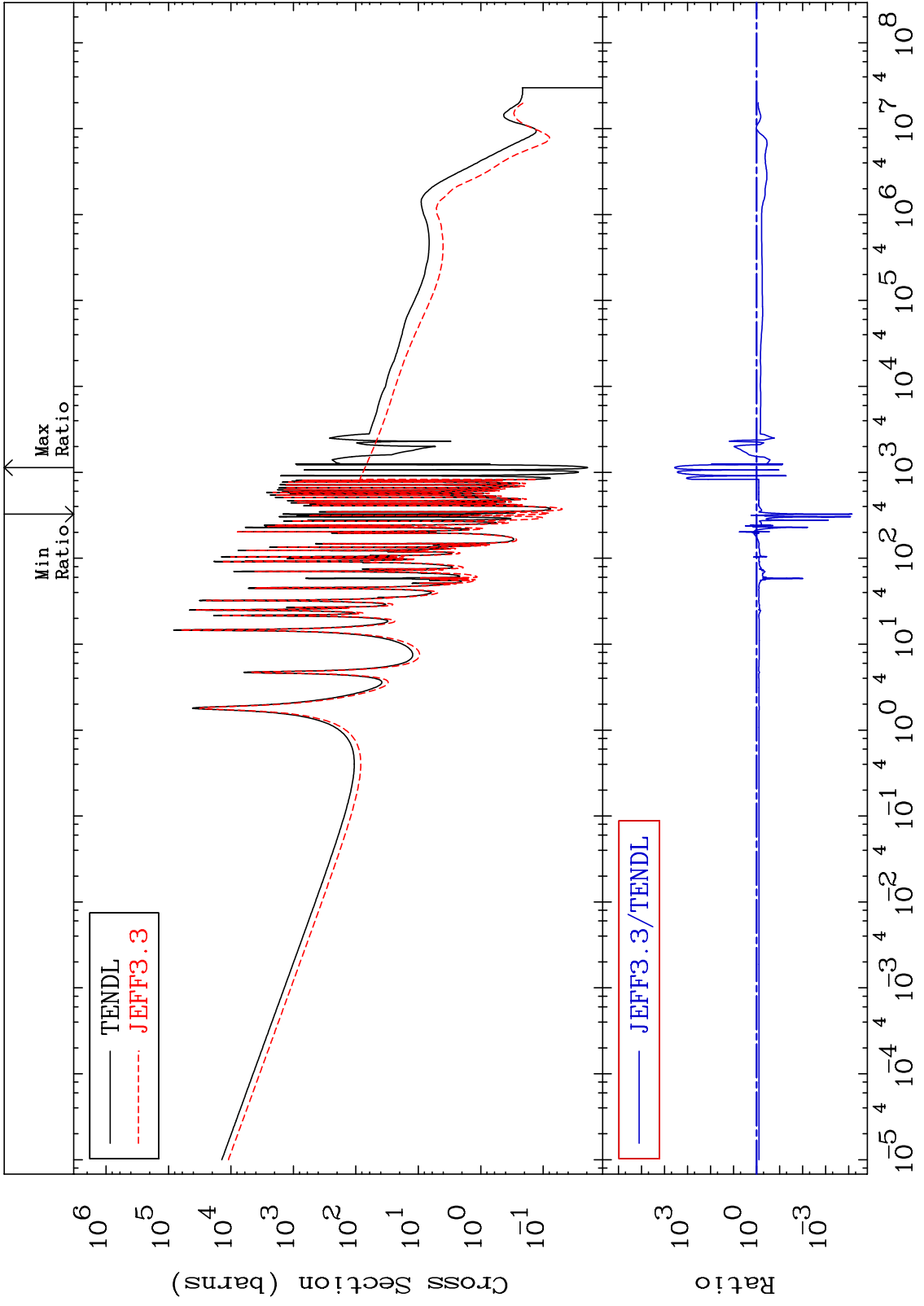
49-In-113
31.81 To 9999. %



MAT 4925

Kerma capture (mt102)
Cross Section

49-In-113
-99.99 To 9999. %



35

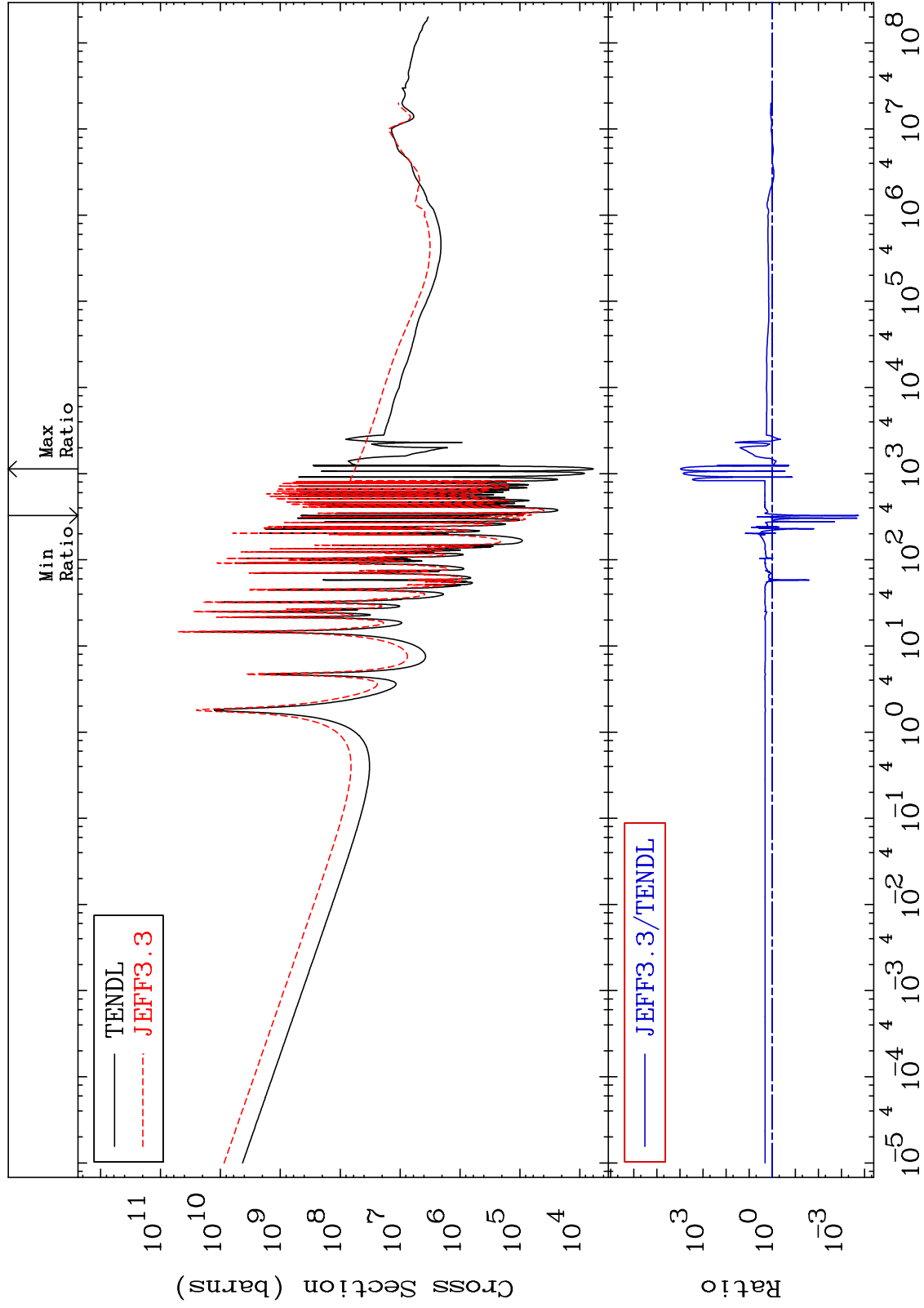
Incident Energy (eV)

49-In-113

MAT 4925

Total photon (eV-barns)
Cross Section

49-In-113
-99.98 To 9999. %



36

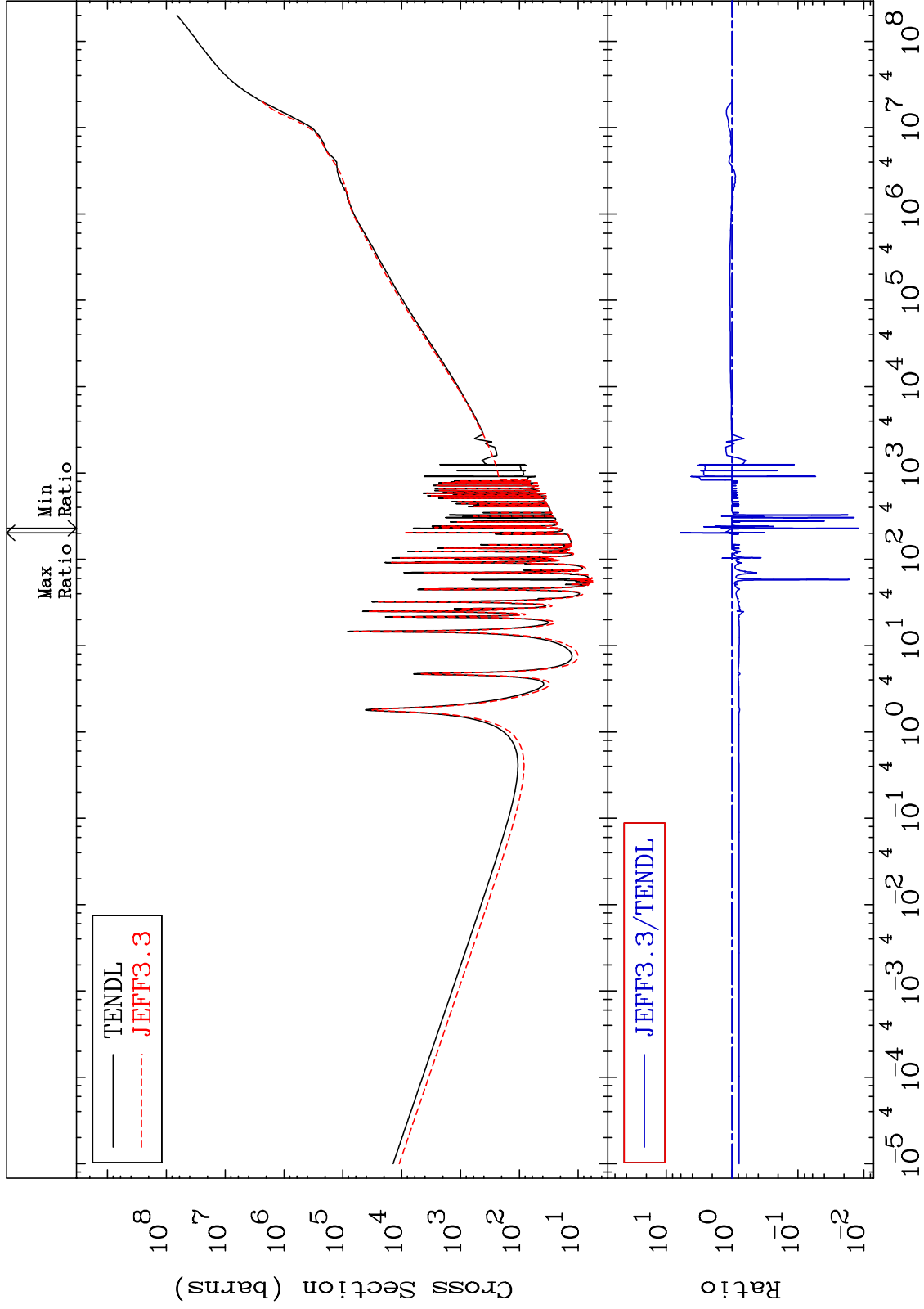
Incident Energy (eV)

49-In-113

MAT 4925

Total kinematic kerma (high limit)
Cross Section

49-In-113
-98.79 To 517.1 %



37

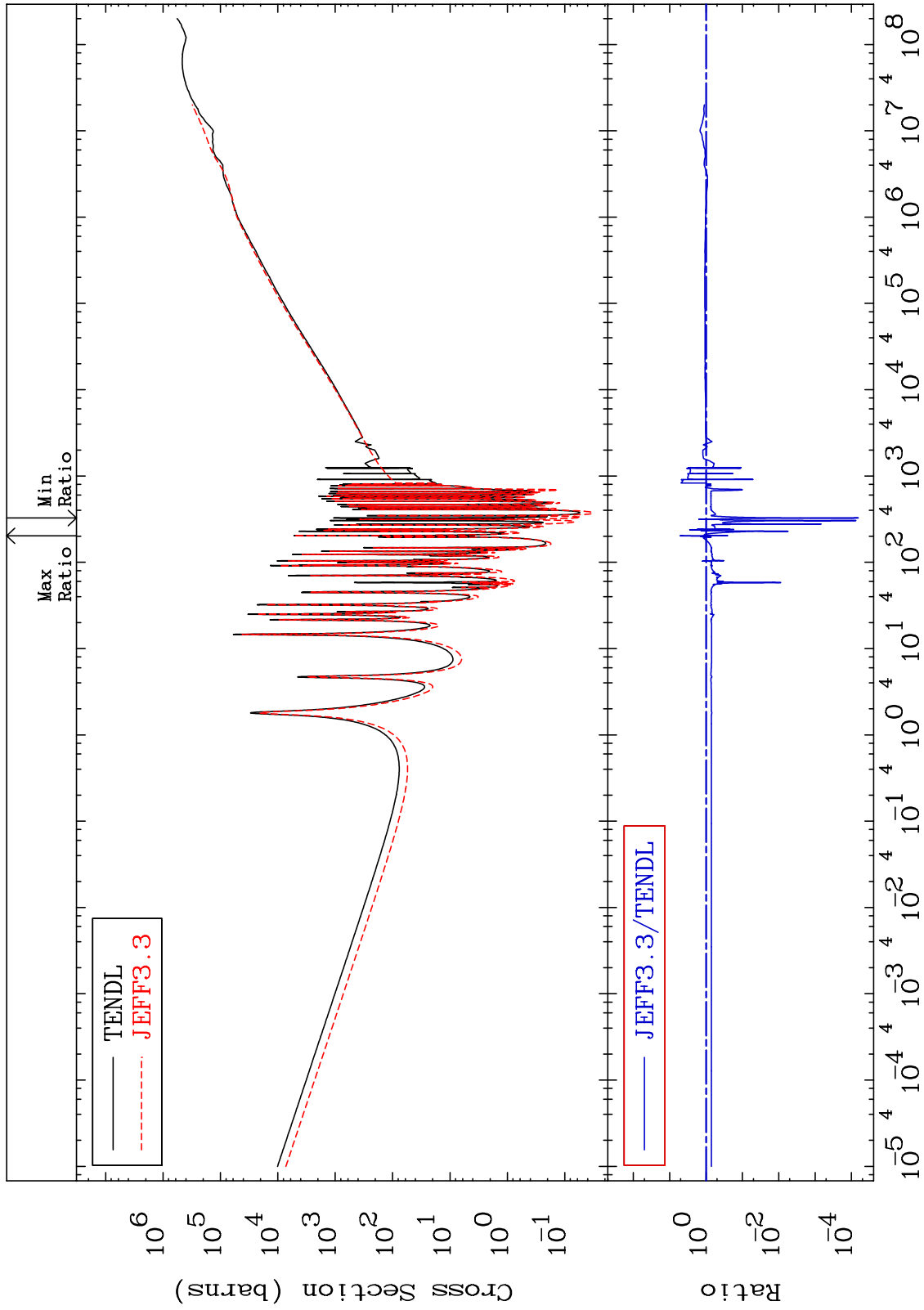
Incident Energy (eV)

49-In-113

MAT 4925

Dpa total (eV-barns)
Cross Section

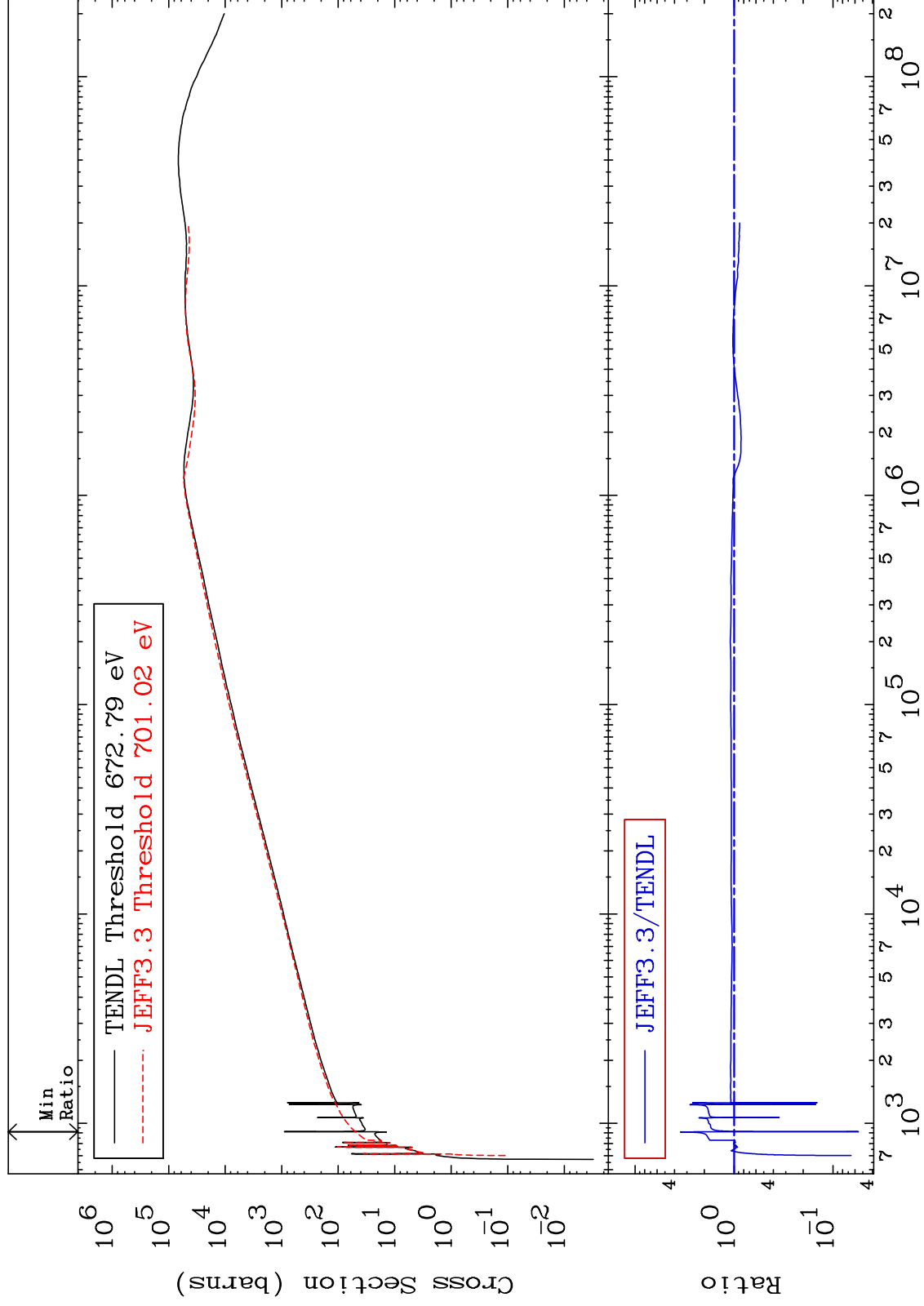
49-In-113
-99.99 To 420.9 %



MAT 4925

Dpa elastic (mt2)
Cross Section

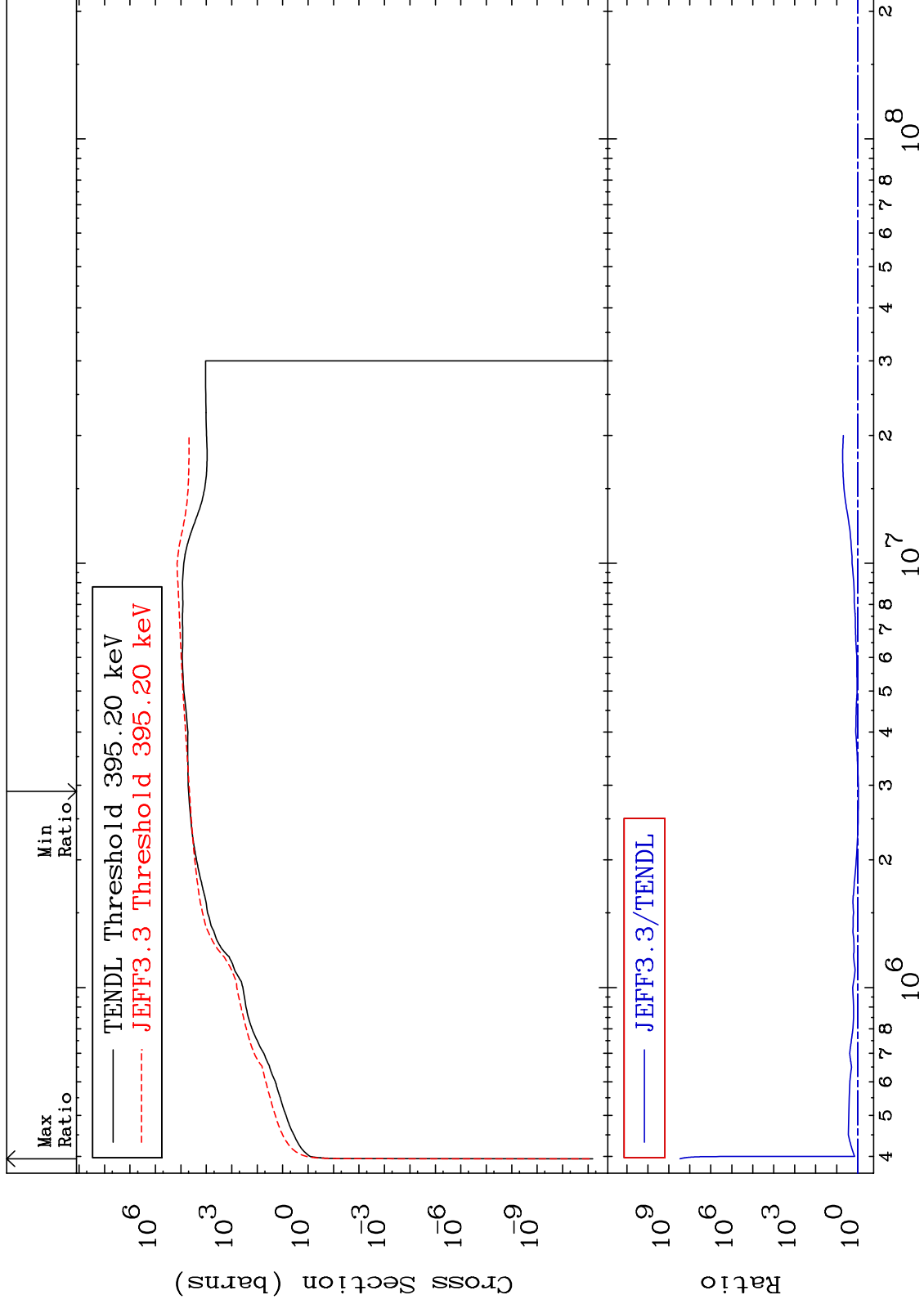
49-In-113
-94.48 To 248.4 %



MAT 4925

Dpa inelastic (mt51-91)
Cross Section

49-In-113
-7.903 To 9999. %



40

Incident Energy (eV)

49-In-113

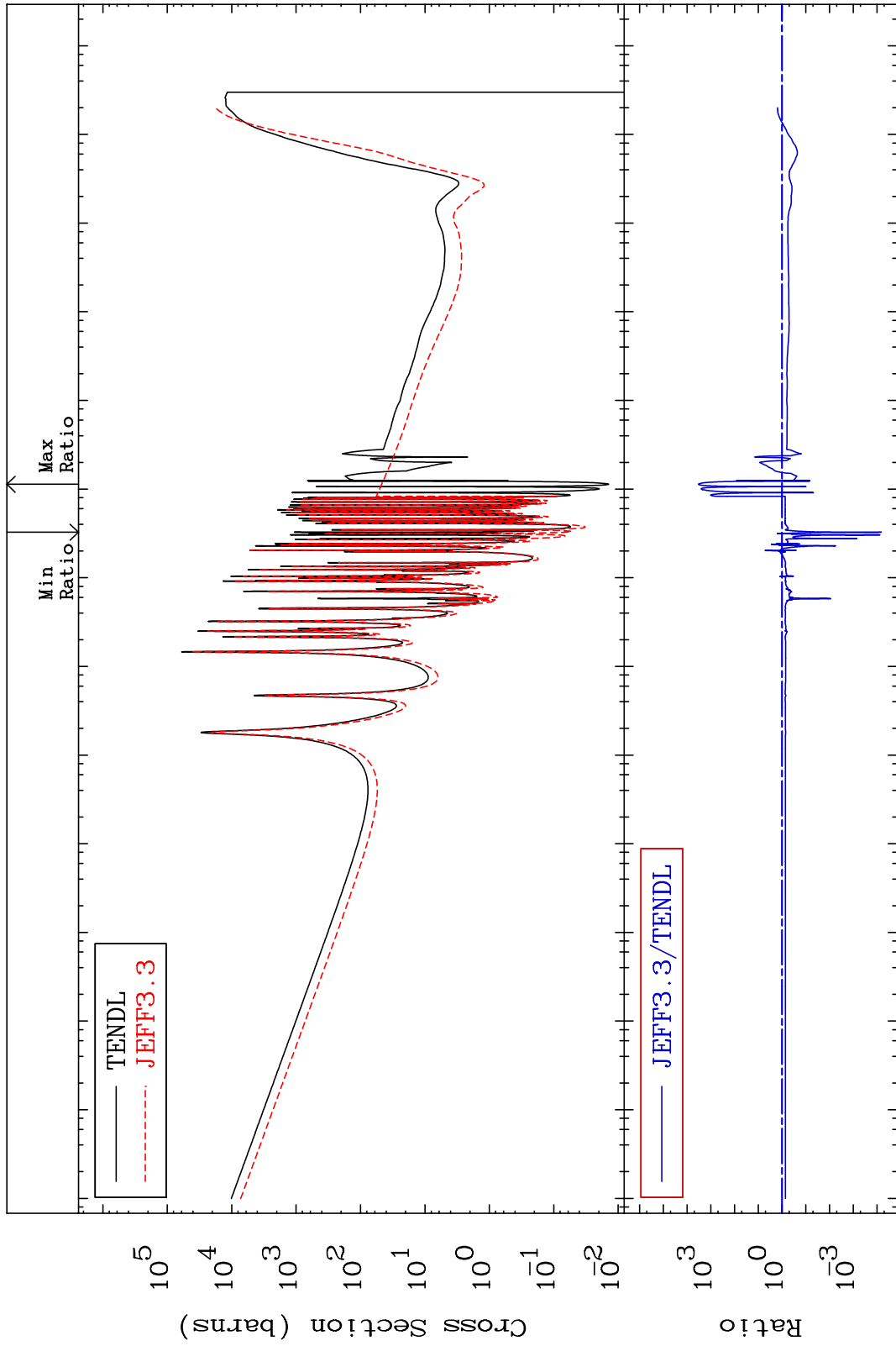
MAT 4925

Dpa disappearance (mt102 -120)

49-In-113

-99.99 To 9999. %

Cross Section



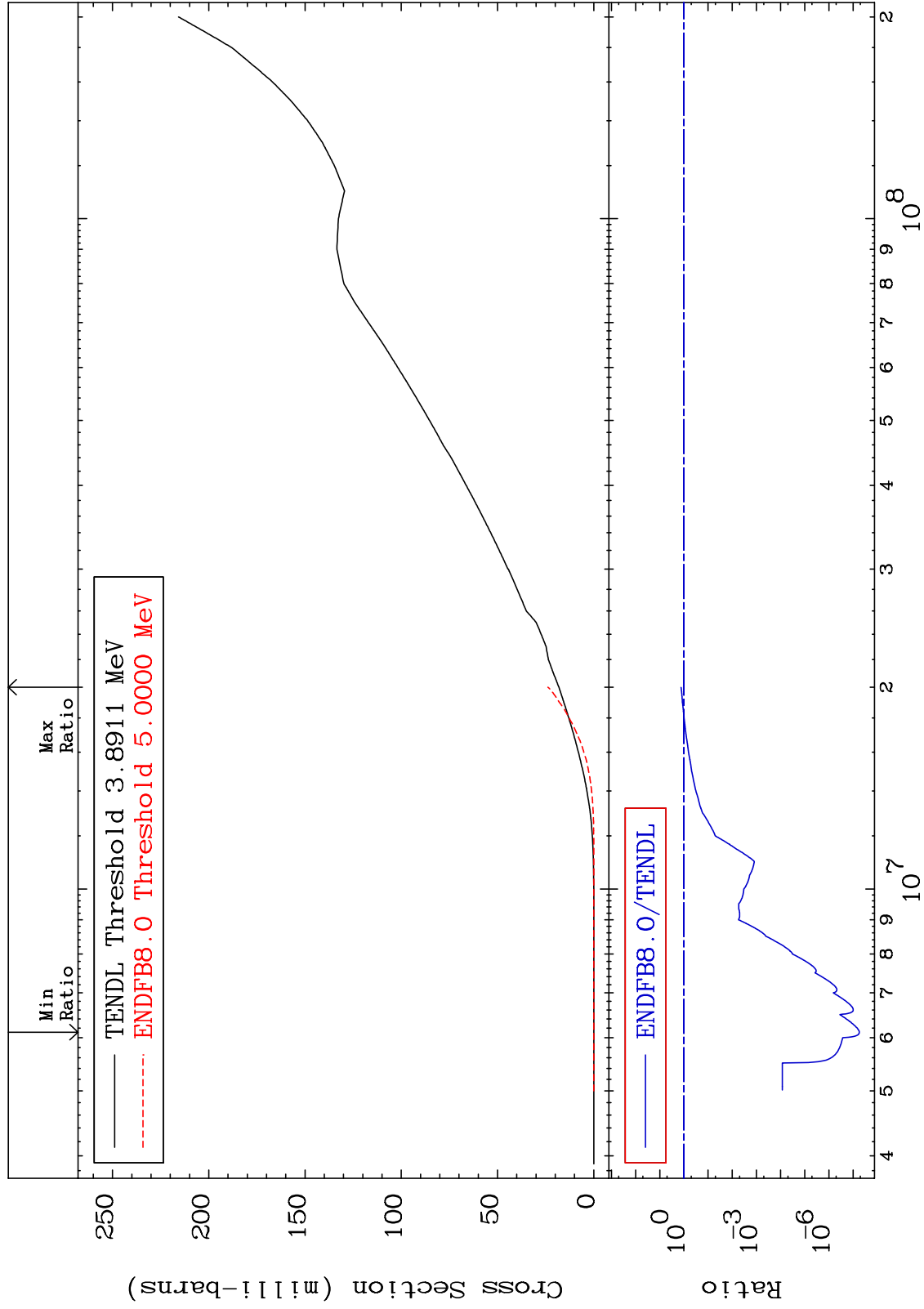
Incident Energy (eV)

49-In-113

MAT 4925

Deuterium Production
Cross Section

49-In-113
-100.0 To 31.32 %



42

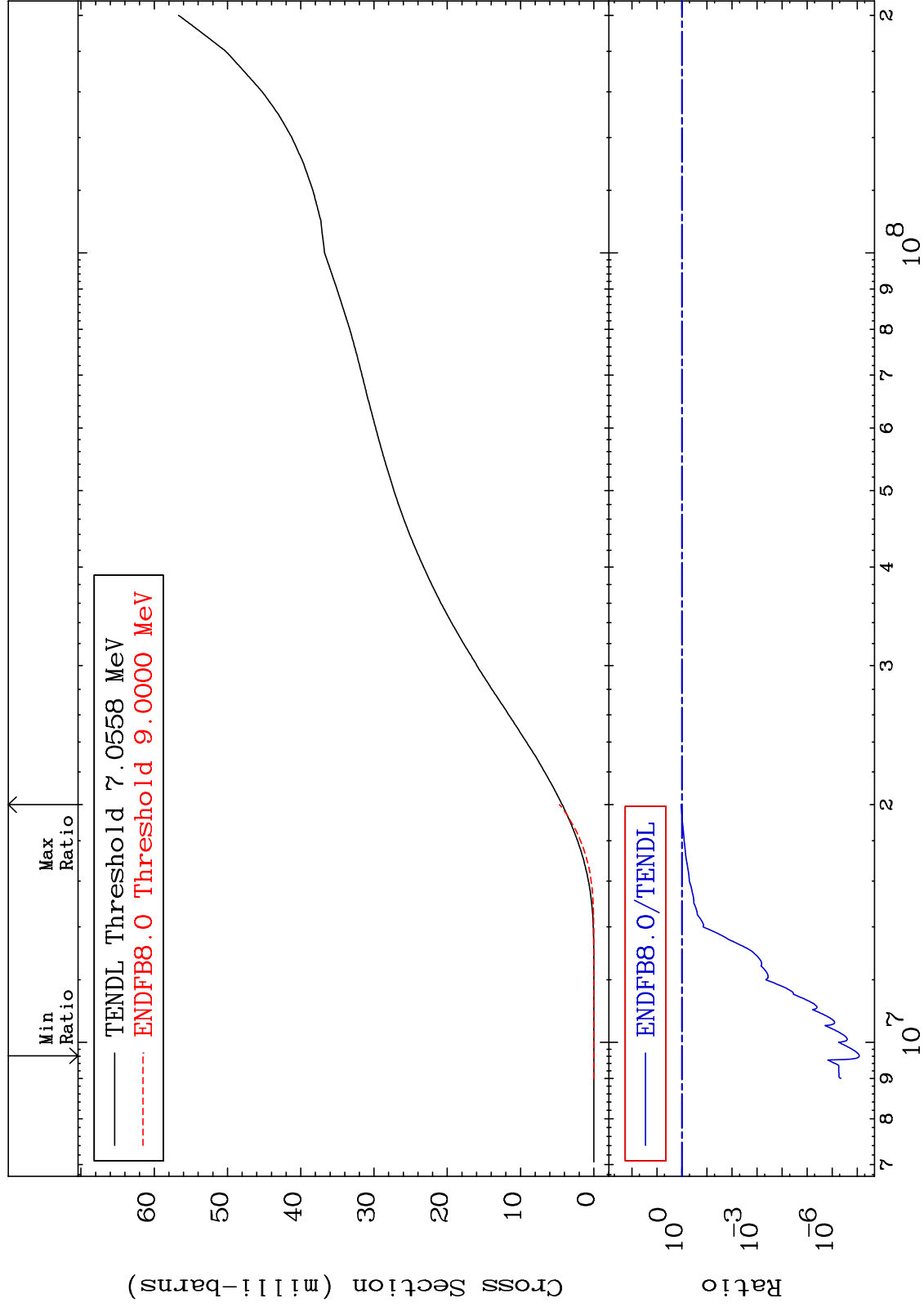
Incident Energy (eV)

49-In-113

MAT 4925

Tritium Production
Cross Section

49-In-113
-100.0 To 8.751 %



43

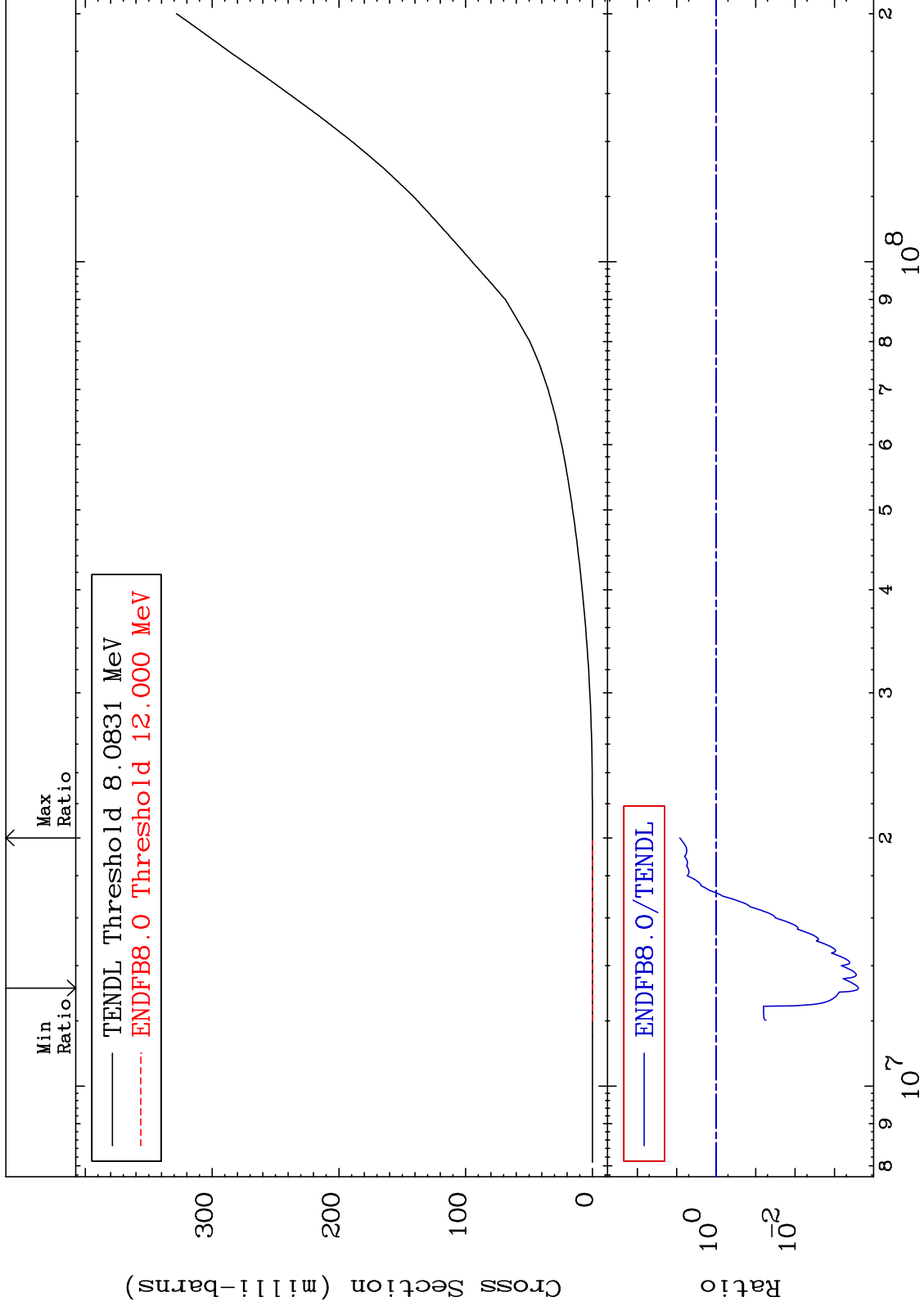
Incident Energy (eV)

49-In-113

MAT 4925

He-3 Production
Cross Section

49-In-113
-99.98 To 737.4 %



44

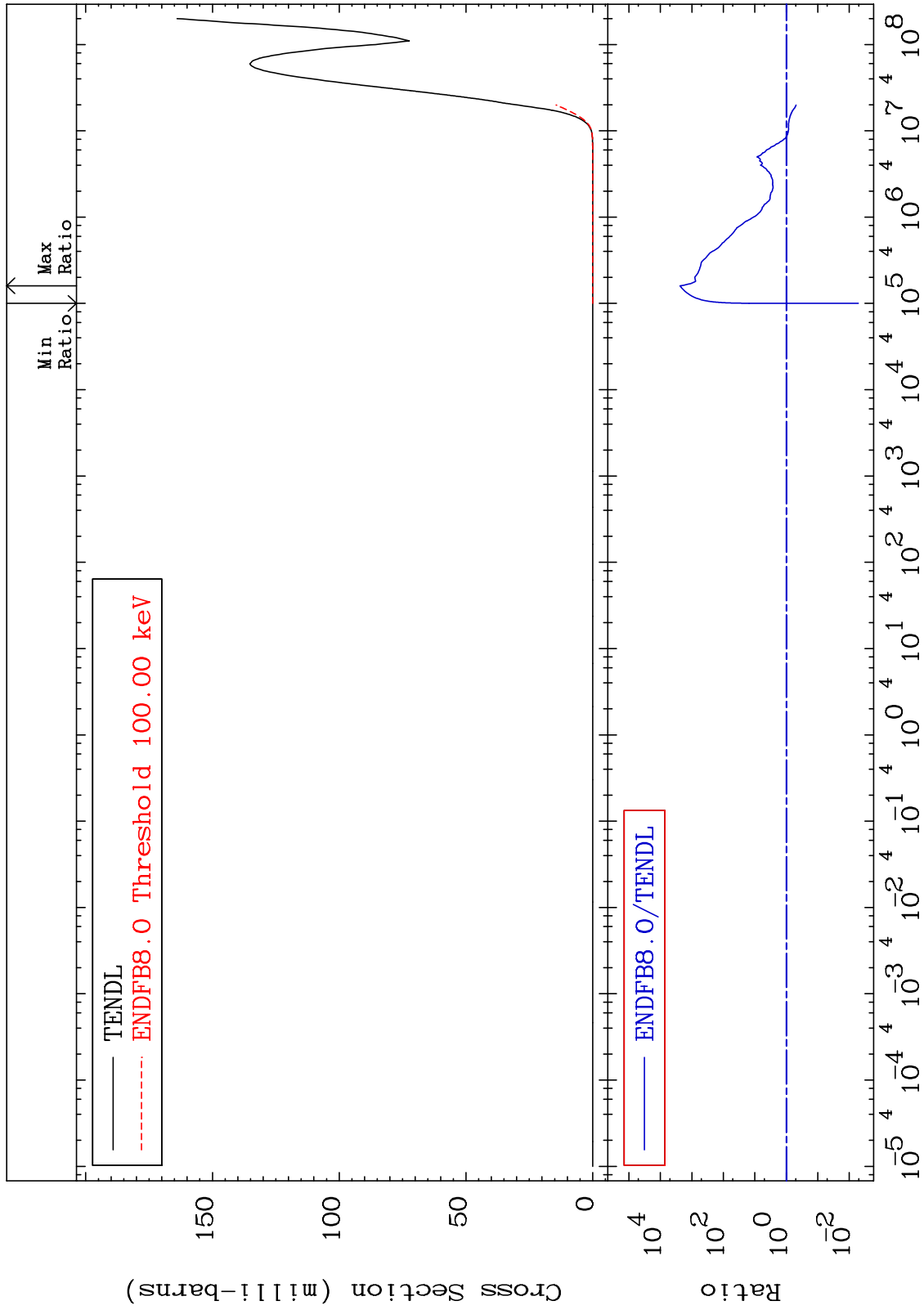
Incident Energy (eV)

49-In-113

MAT 4925

He-4 Production
Cross Section

49-In-113
-99.49 To 9999. %



45

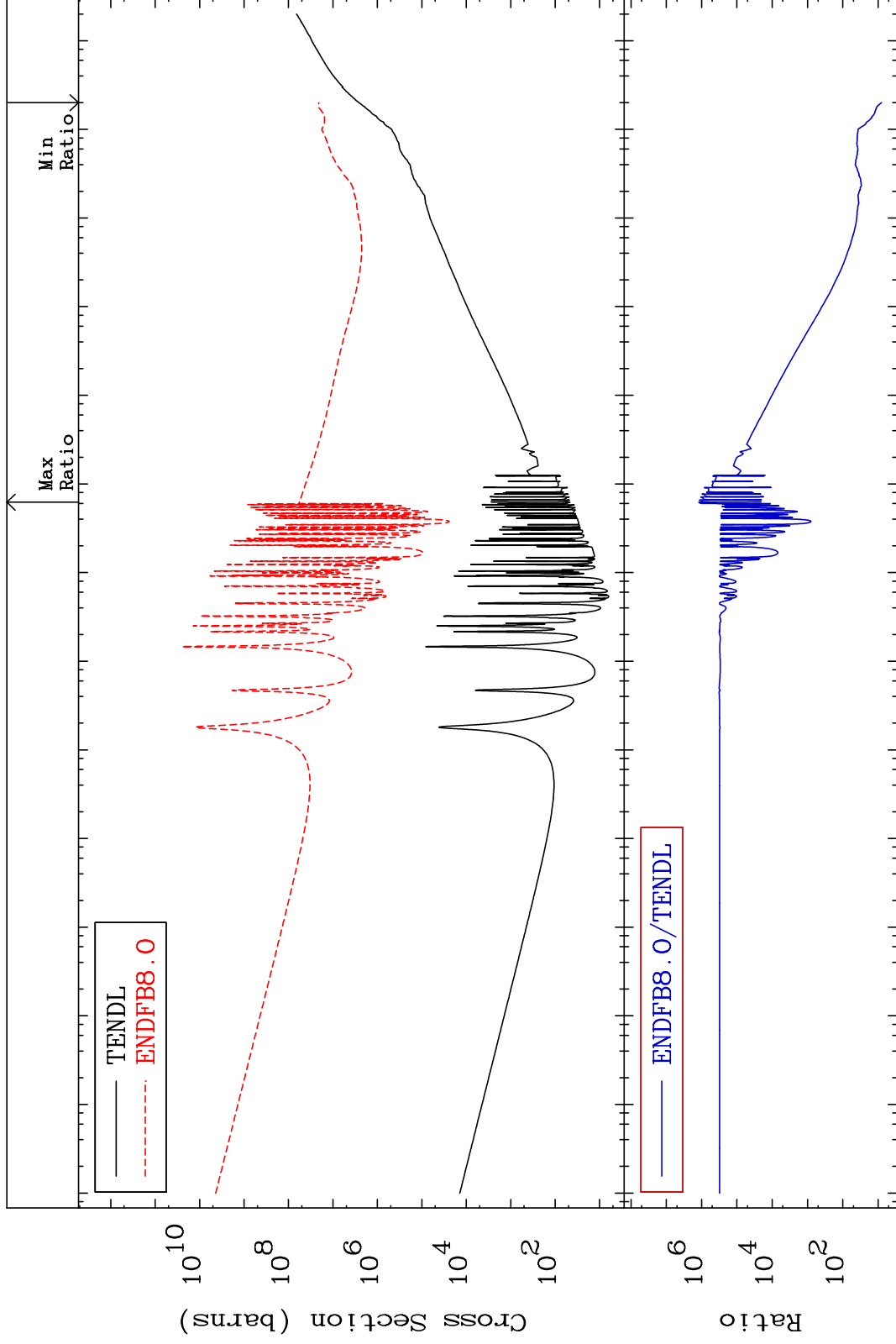
Incident Energy (eV)

49-In-113

MAT 4925

Kerma total (eV-barns)
Cross Section

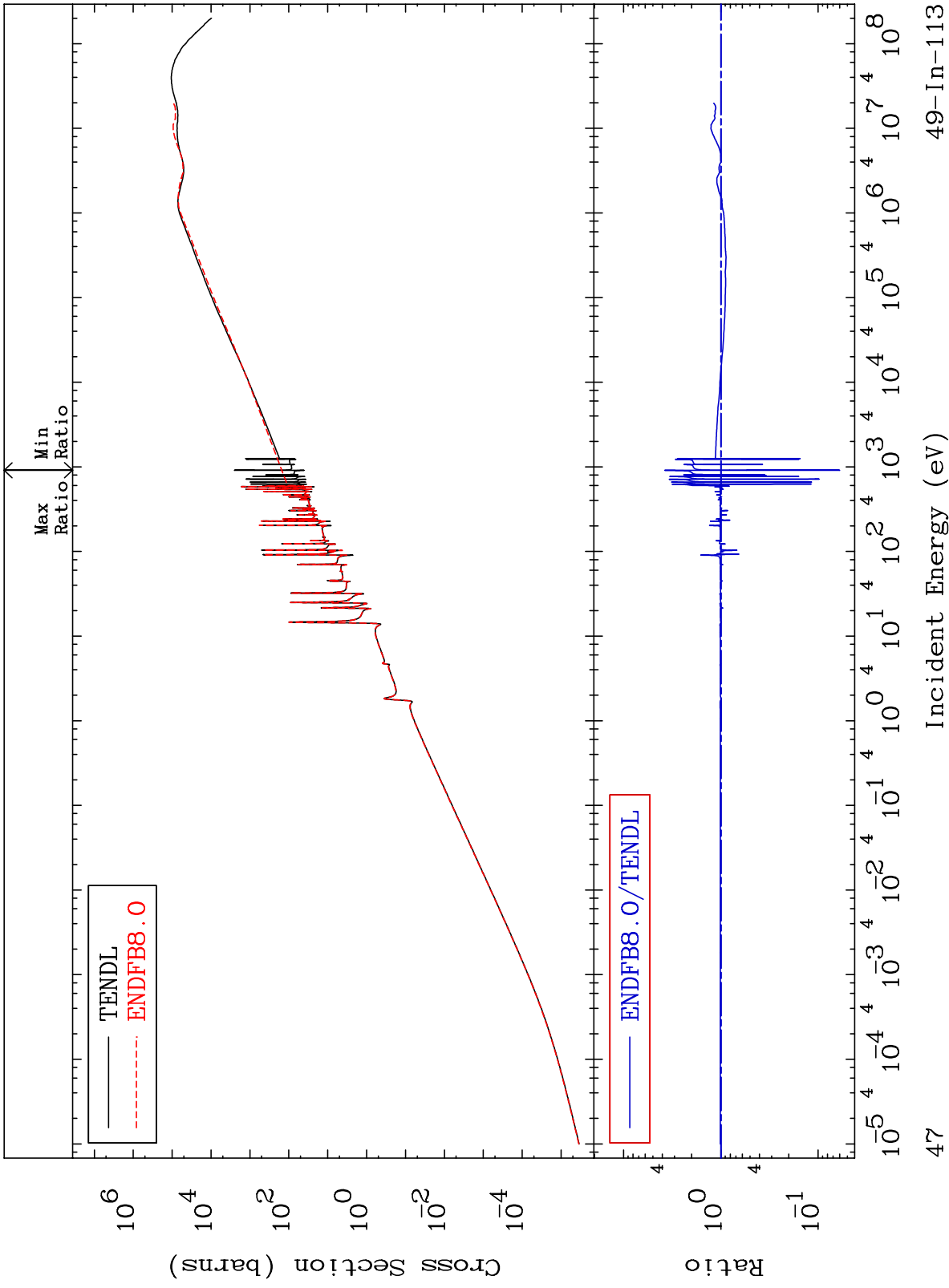
49-In-113
698.7 To 9999. %



MAT 4925

Kerma elastic
Cross Section

49-In-113
-94.01 To 278.1 %



47

49-In-113

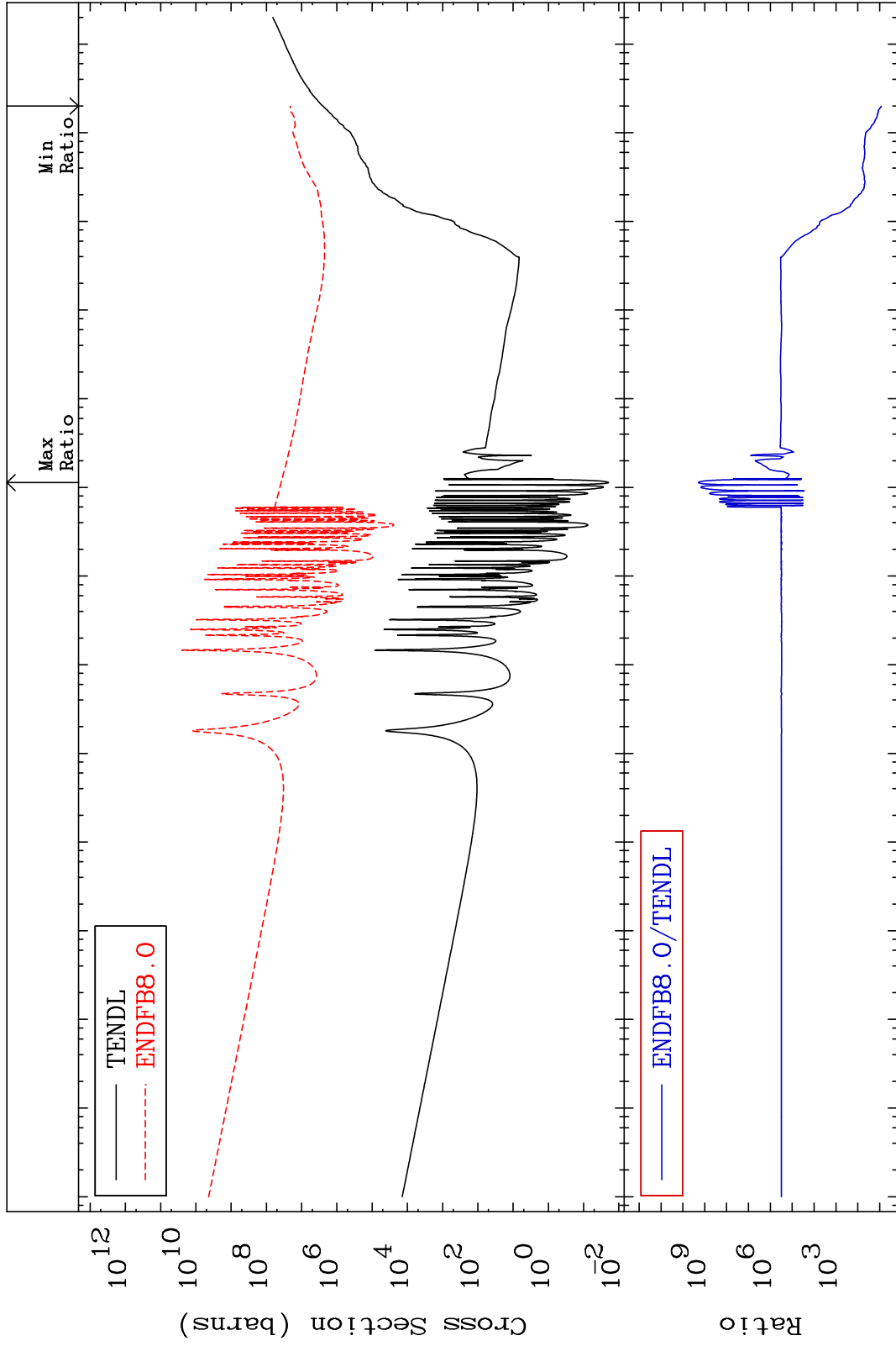
MAT 4925

Kerma non-elastic (all but mt2)

49-In-113

720.0 To 9999. %

Cross Section



Incident Energy (eV)

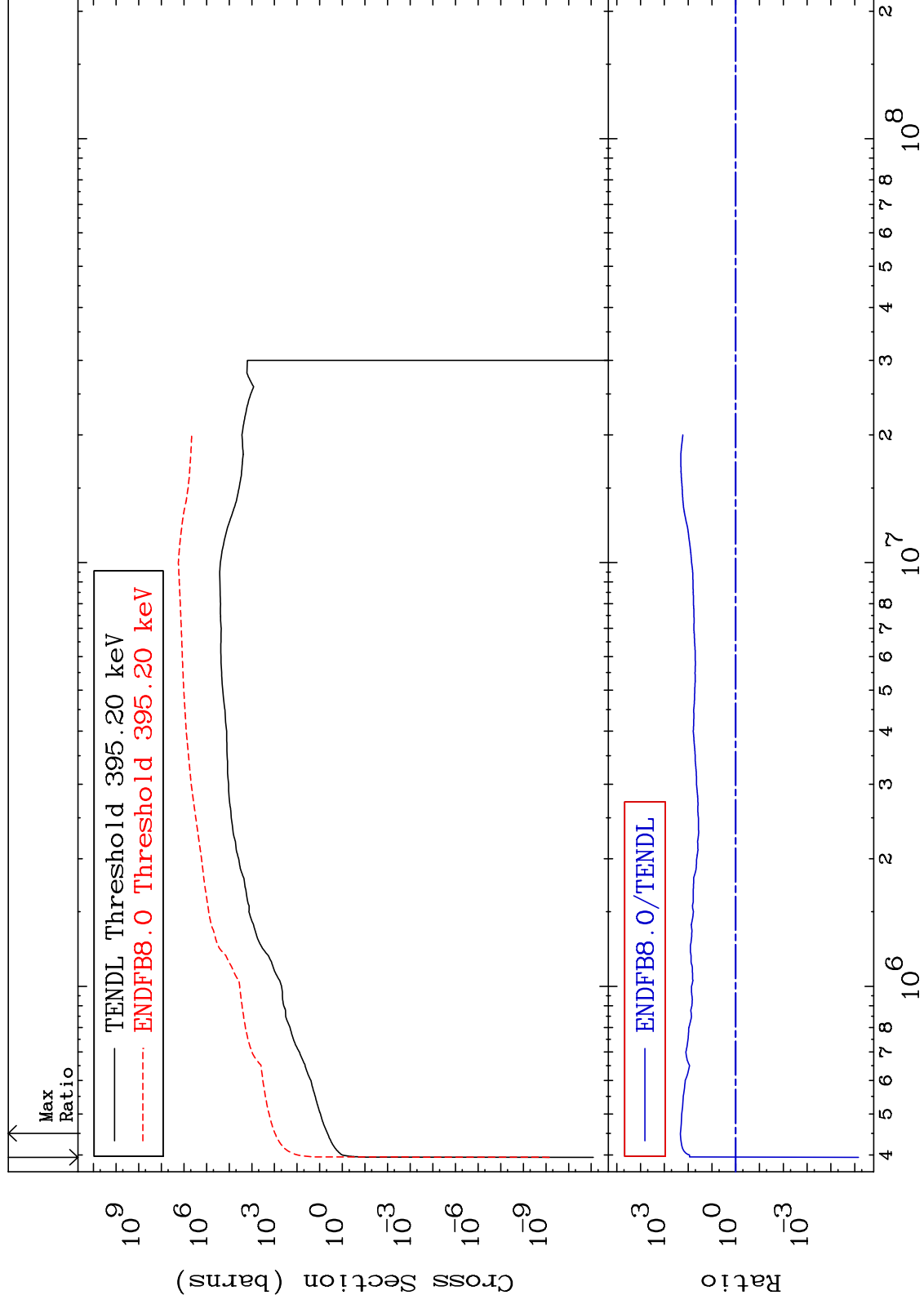
48

49-In-113

MAT 4925

Kerma inelastic (mt51-91)
Cross Section

49-In-113
-100.0 To 9999. %



49

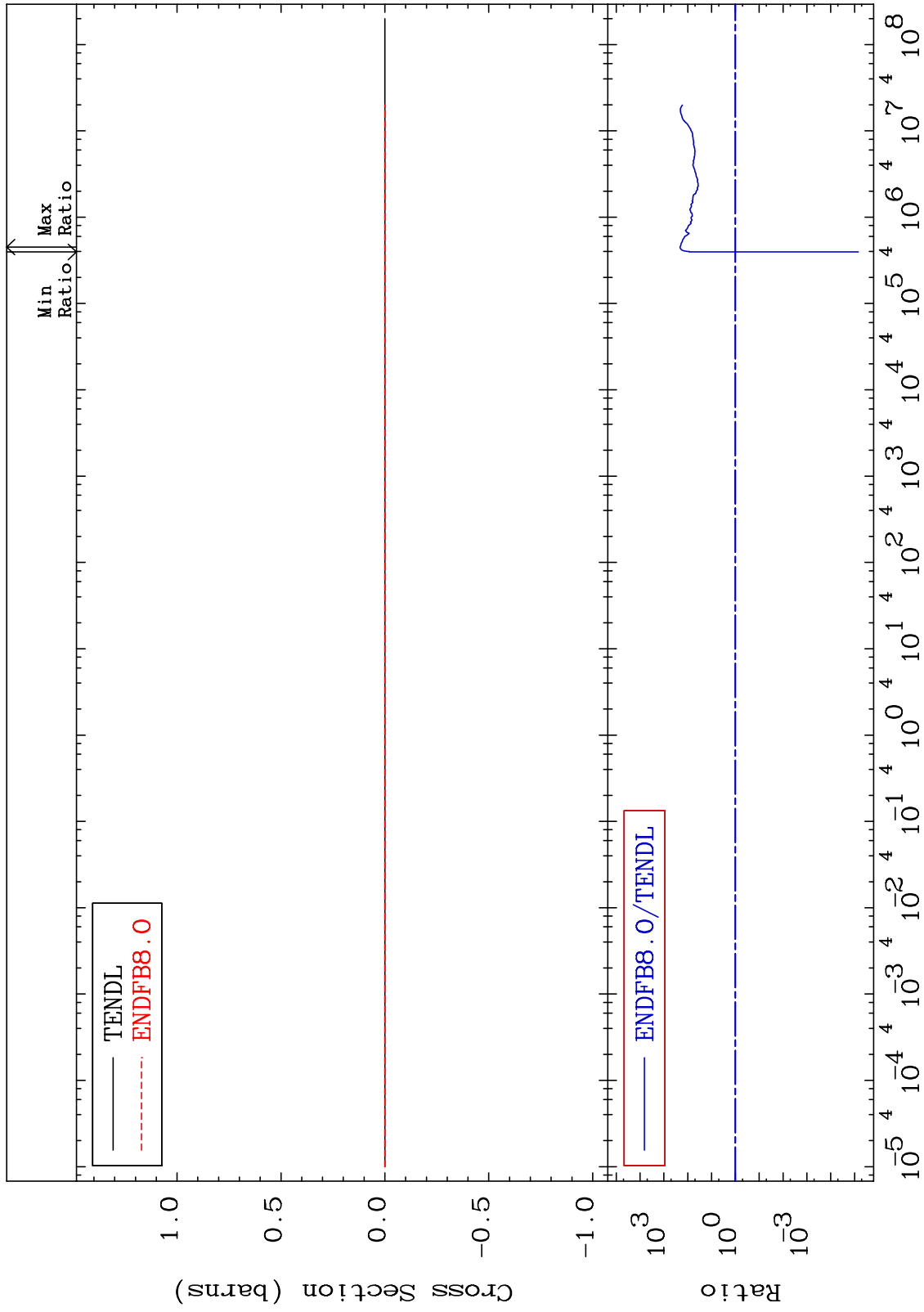
49-In-113

49-In-113

MAT 4925

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

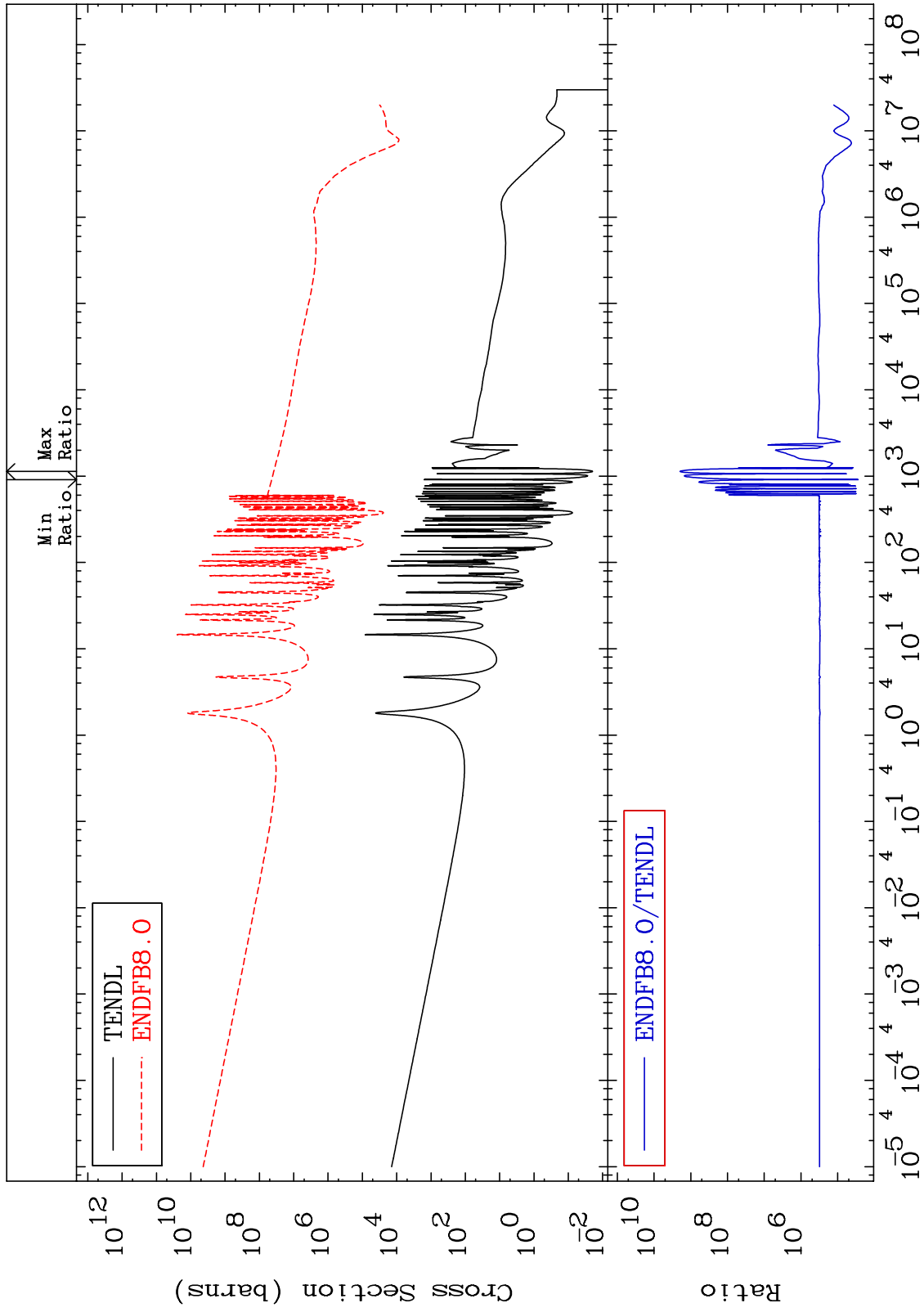
49-In-113
-100.0 To 9999. %



MAT 4925

Kerma capture (mt102)
Cross Section

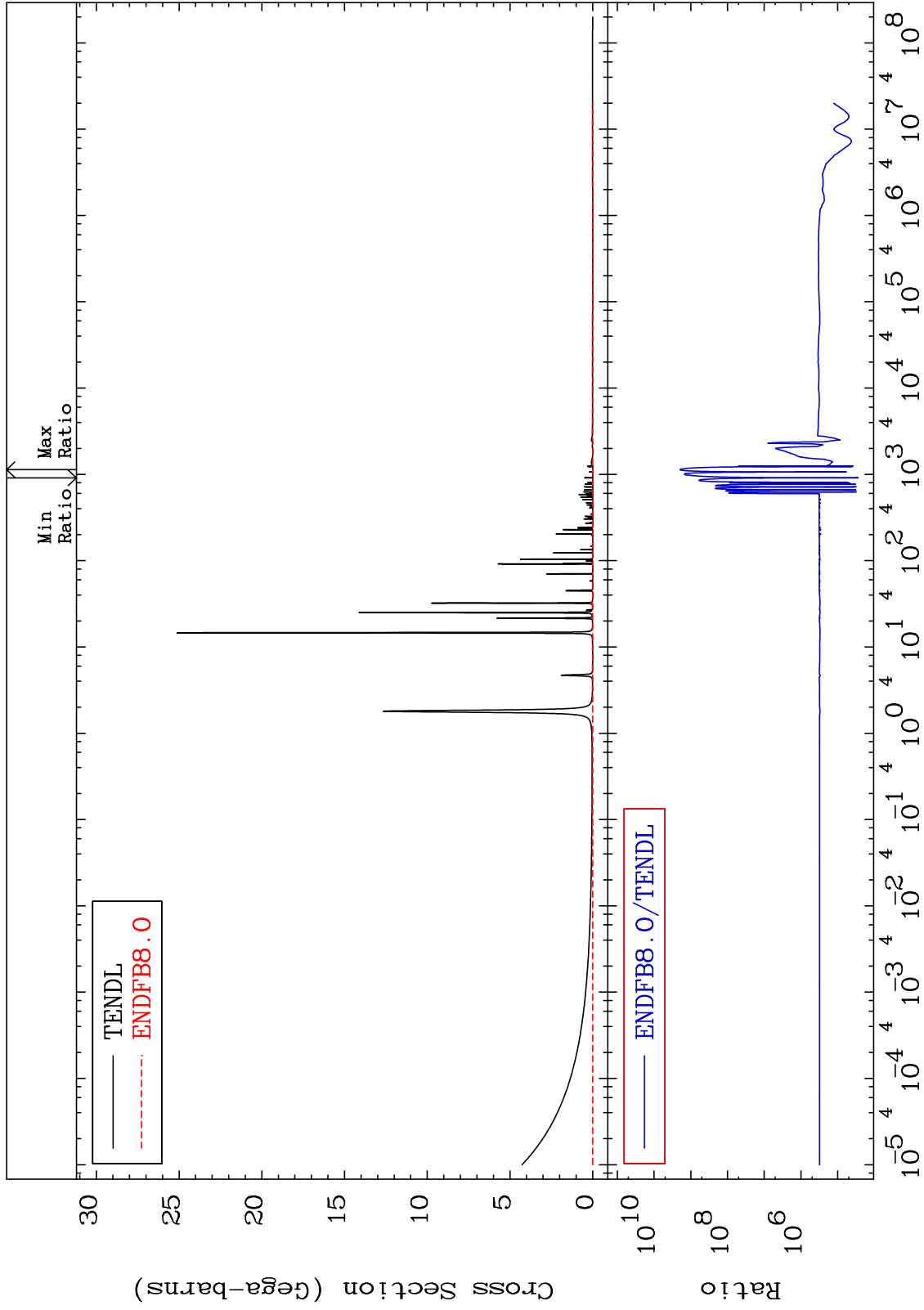
49-In-113
9999. To 9999. %



MAT 4925

Total photon (eV-barns)
Cross Section

49-In-113
9999. To 9999. %



52

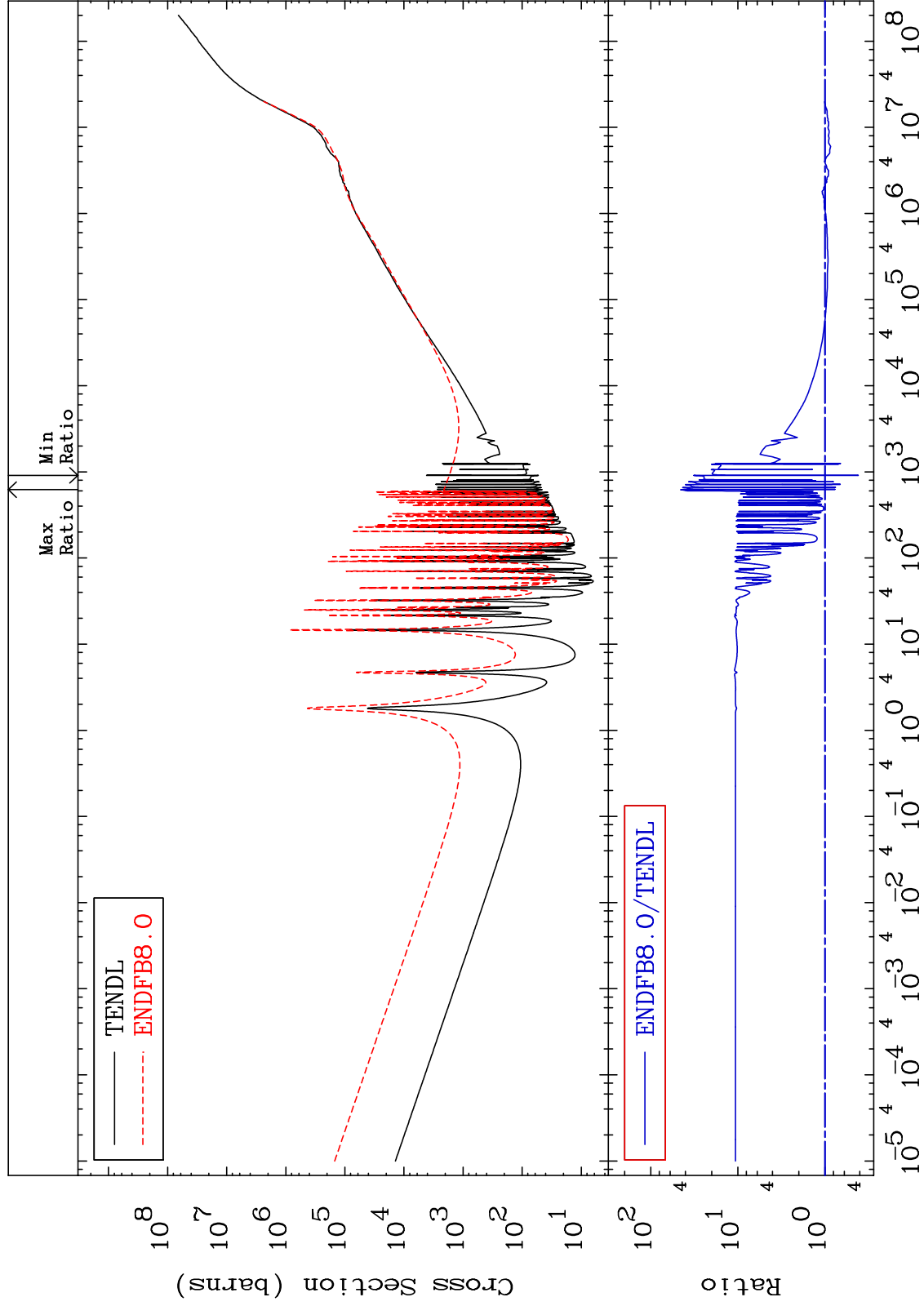
Incident Energy (eV)

49-In-113

MAT 4925

Total kinematic kerma (high limit)
Cross Section

49-In-113
-58.75 To 4469. %



53

Incident Energy (eV)

49-In-113

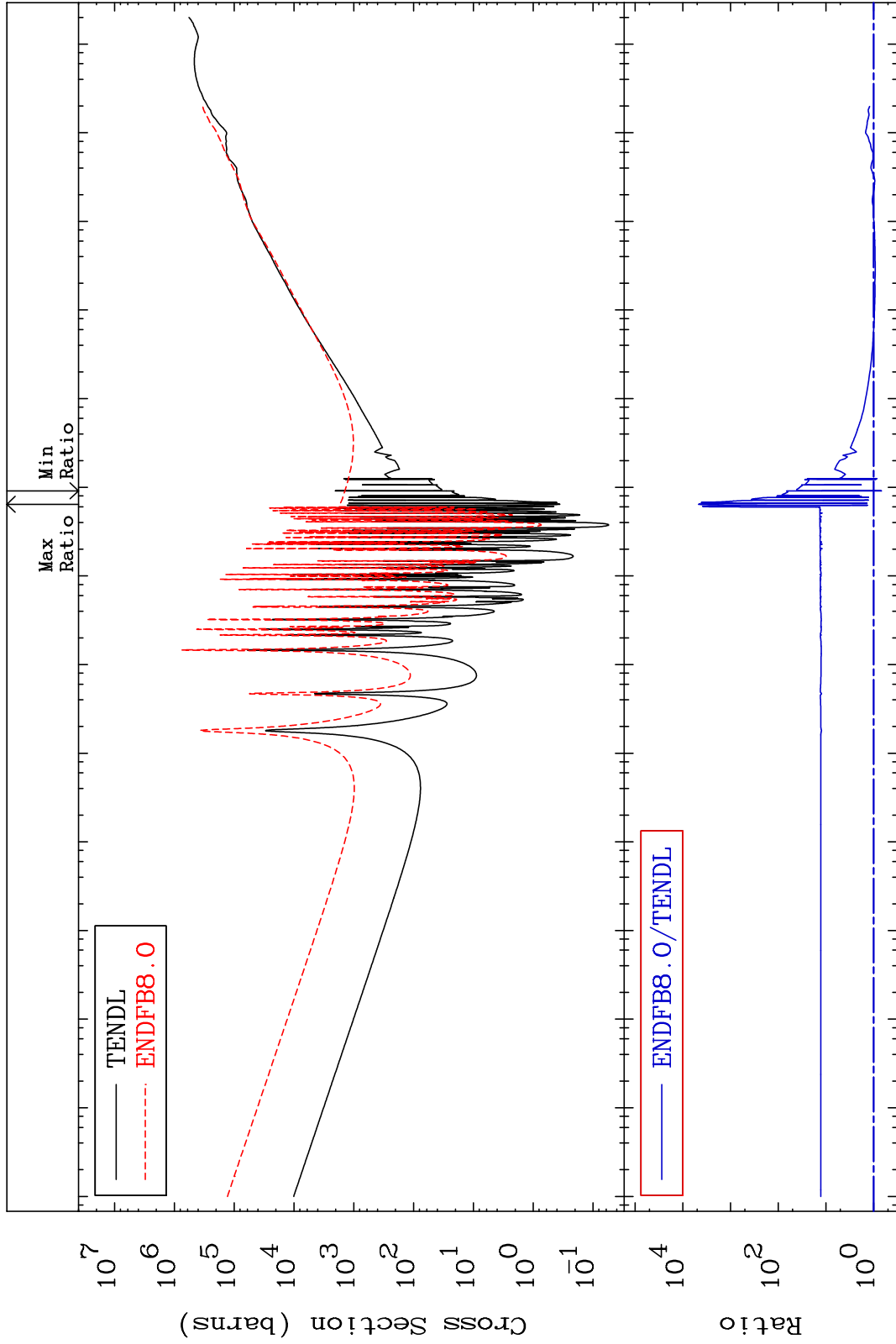
MAT 4925

Dpa total (eV-barns)

49-In-113

-31.71 To 9999. %

Cross Section



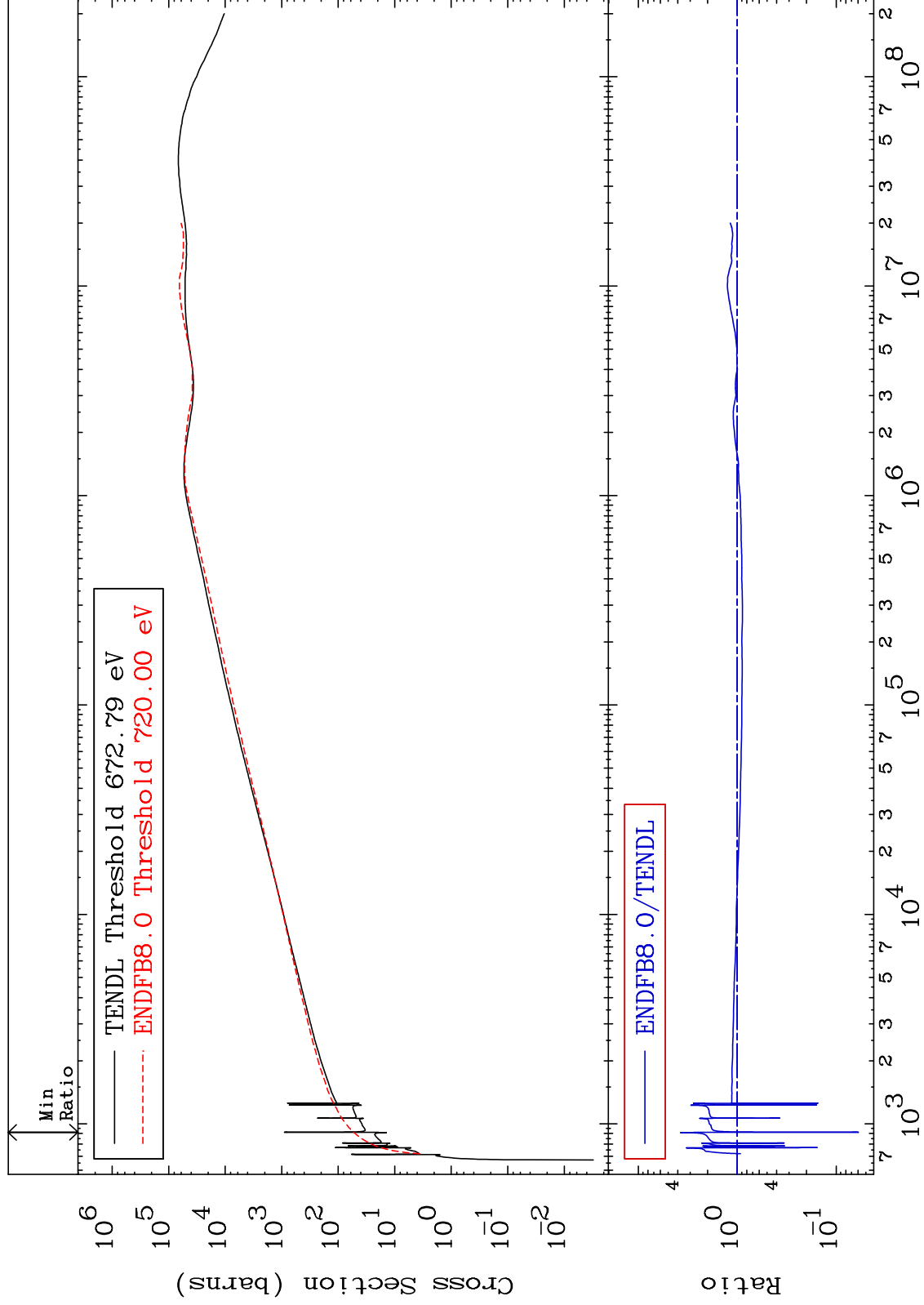
Incident Energy (eV)

49-In-113

MAT 4925

Dpa elastic (mt2)
Cross Section

49-In-113
-94.05 To 275.8 %



55

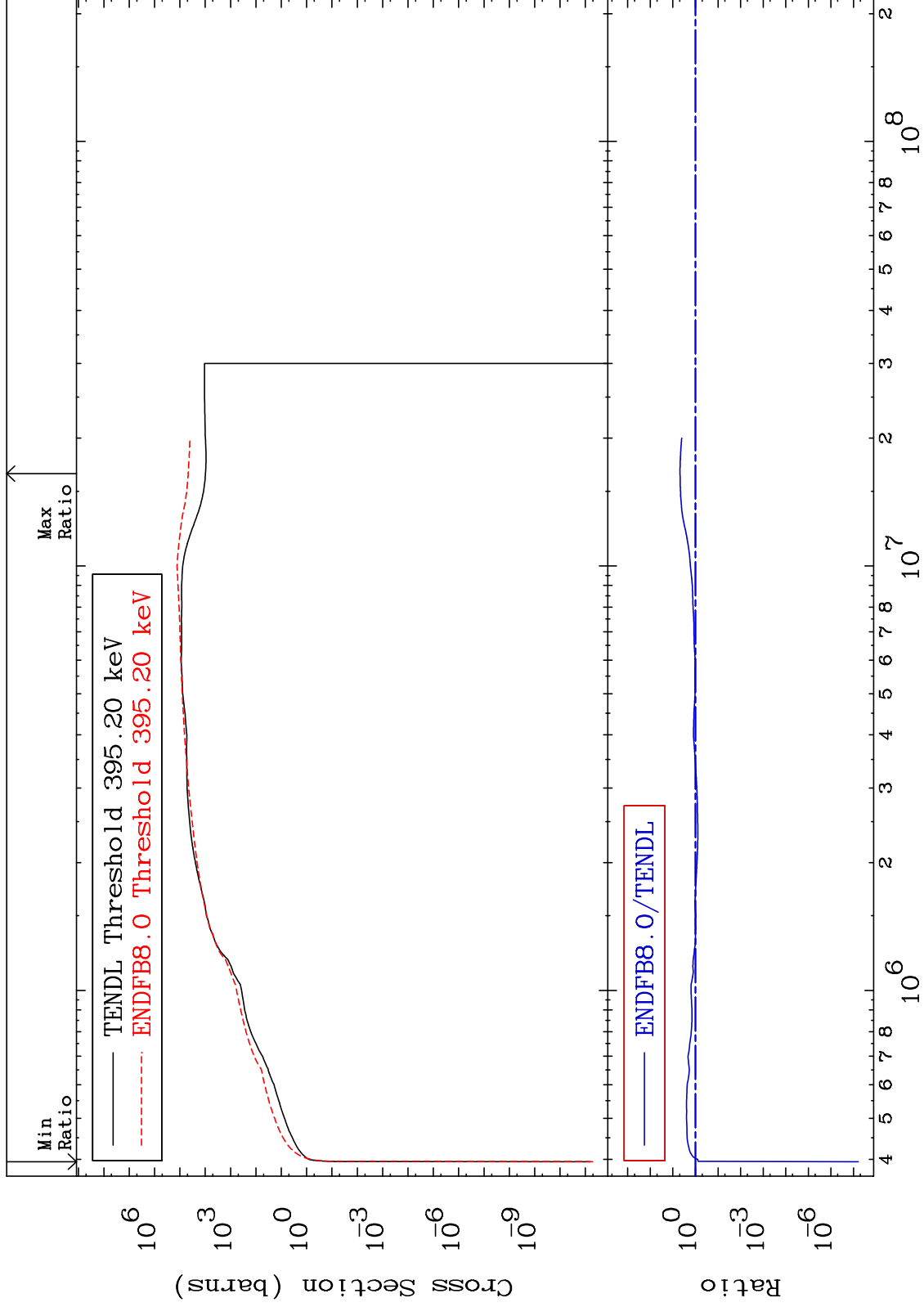
49-In-113

49-In-113

MAT 4925

Dpa inelastic (mt51-91)
Cross Section

49-In-113
-100.0 To 381.8 %



56

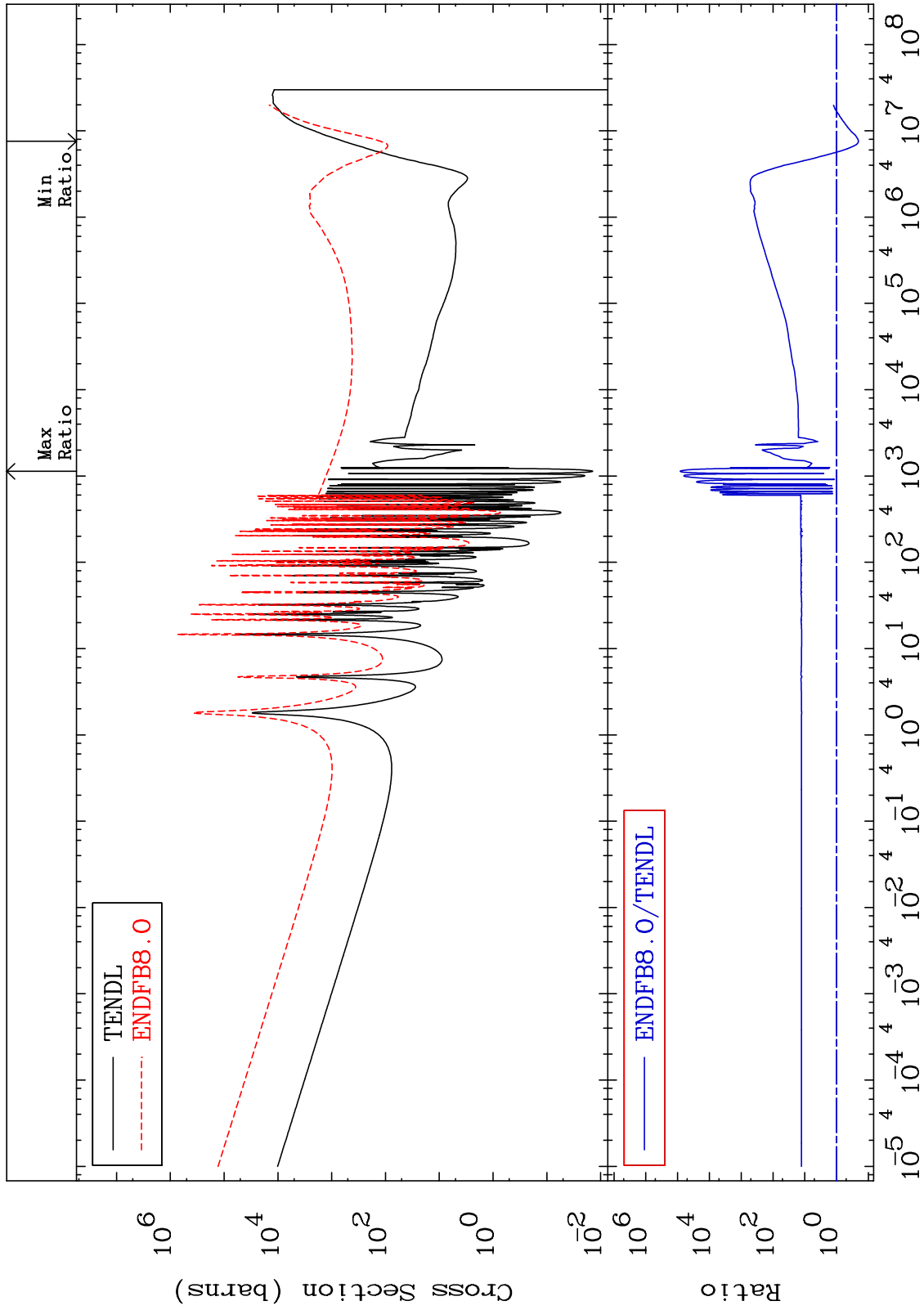
49-In-113

49-In-113

MAT 4925

Dpa disappearance (mt102 -120)
Cross Section

49-In-113
-79.41 To 9999. %



57

Incident Energy (eV)

49-In-113