

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

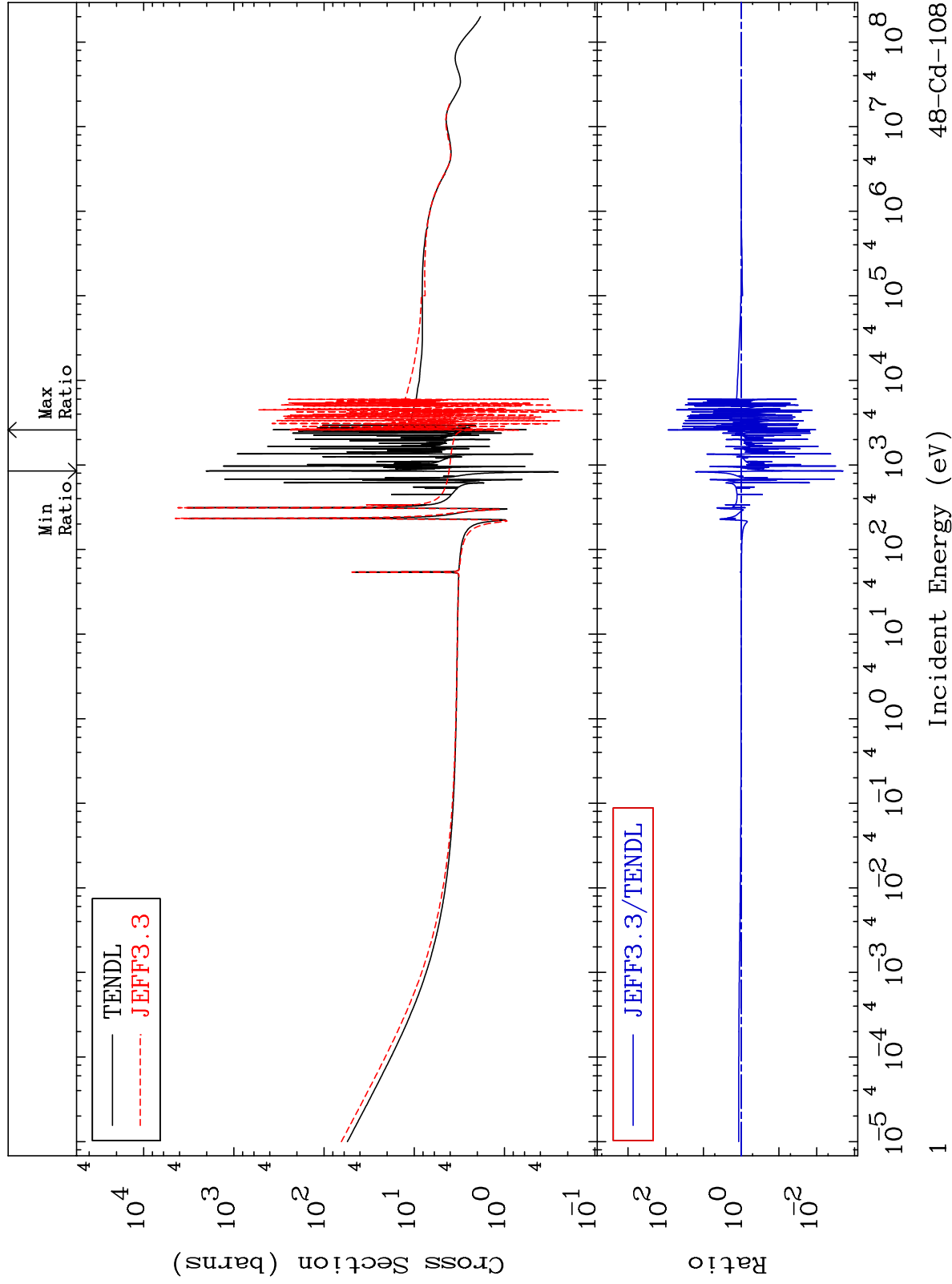
MAT 4831

Total

48-Cd-108

Cross Section

-99.80 To 8599. %

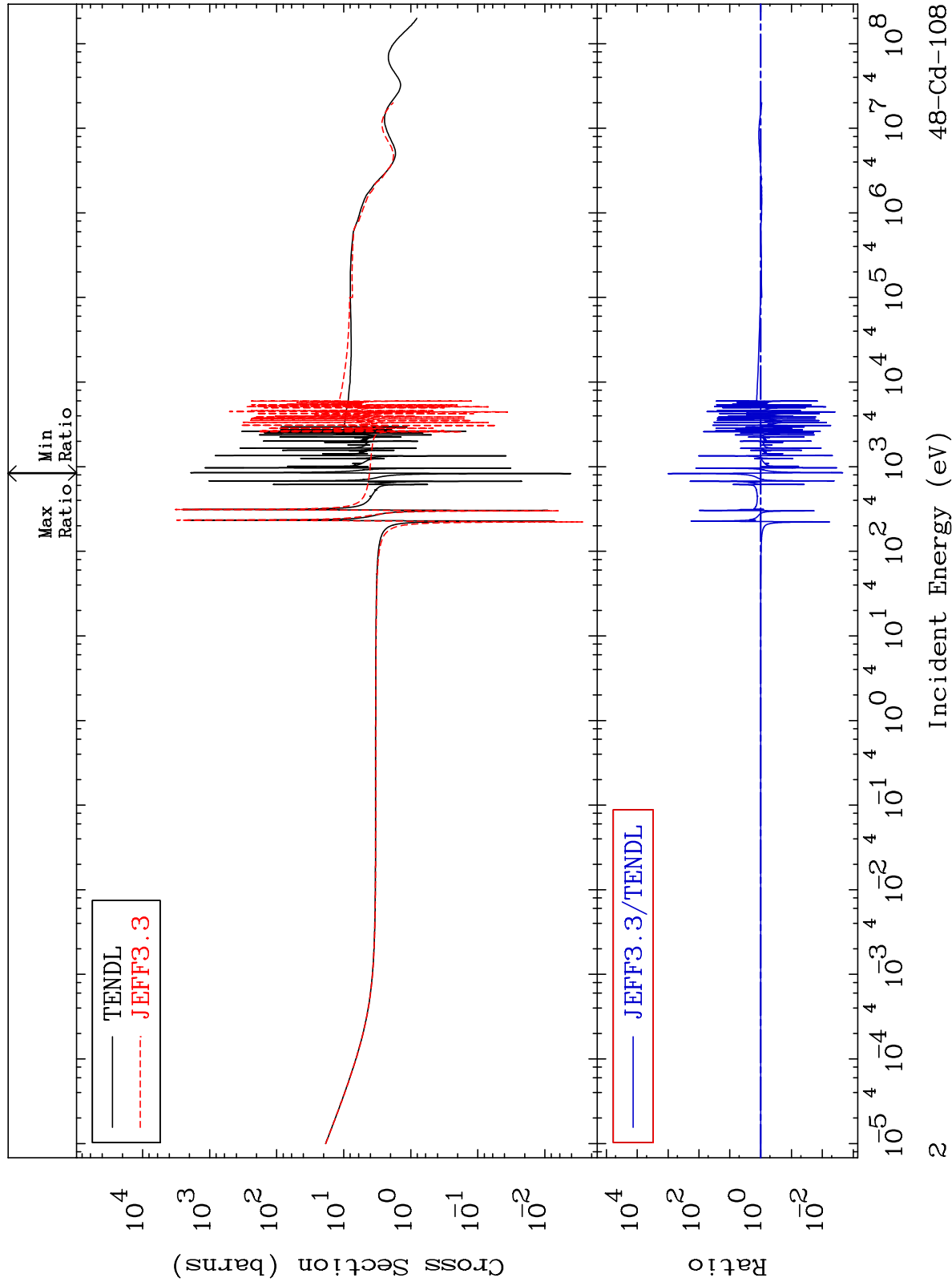


48-Cd-108

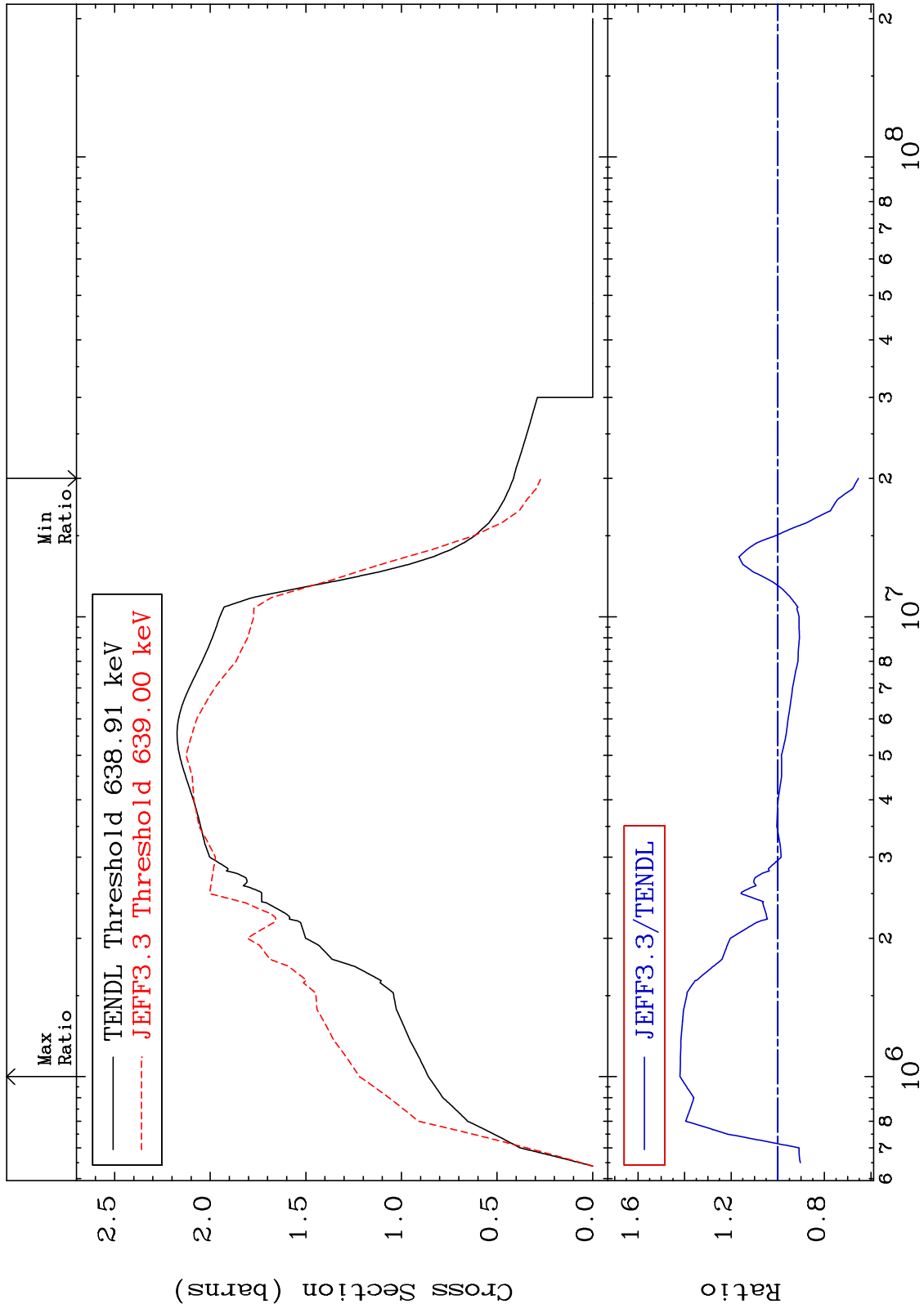
MAT 4831

Elastic
Cross Section

48-Cd-108
-99.78 To 9999. %



MAT 4831 Inelastic Cross Section 48-Cd-108 -34.62 To 41.95 %



3 48-Cd-108

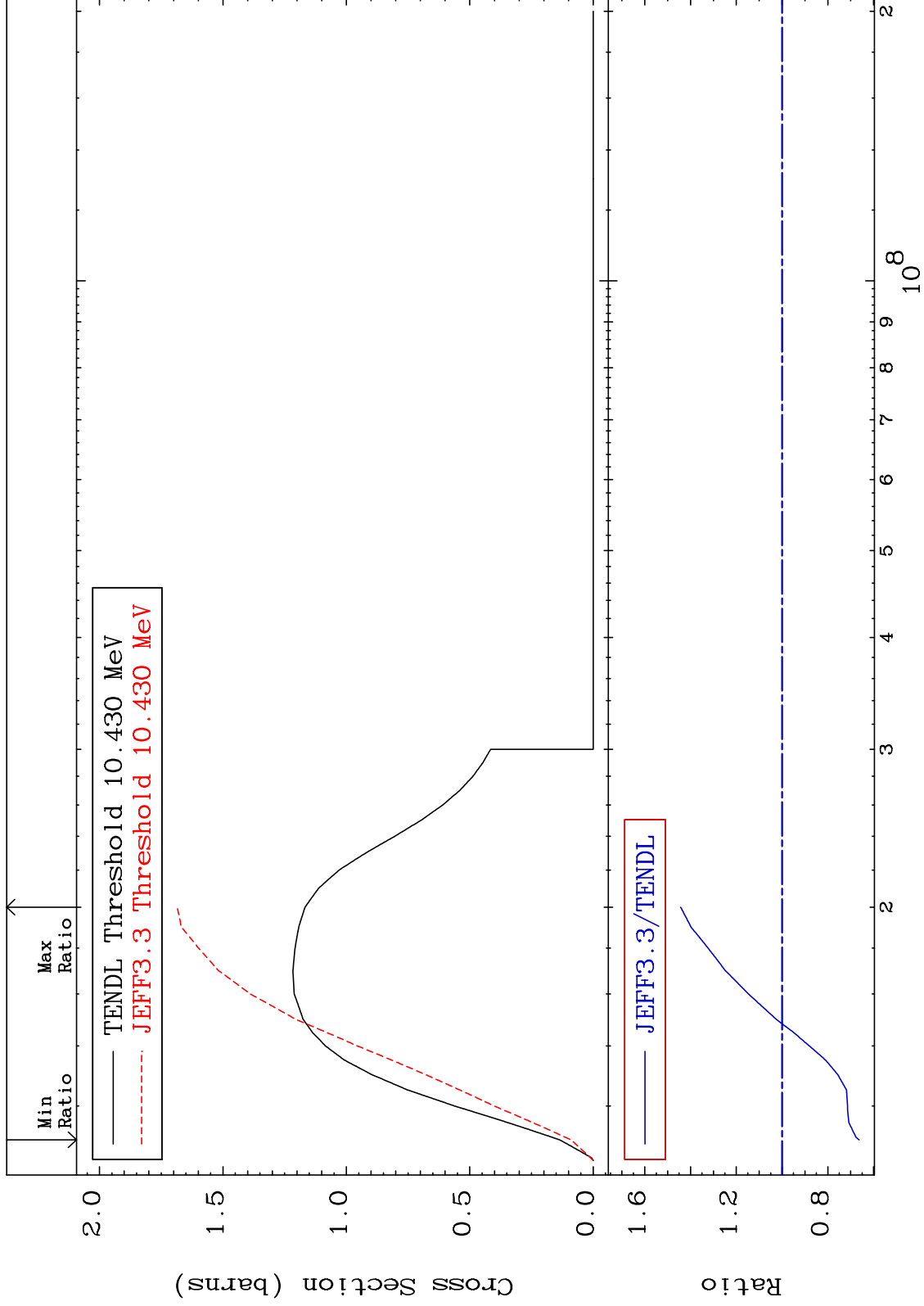
MAT 4831

(n,2n)

48-Cd-108

Cross Section

-33.70 To 44.35 %



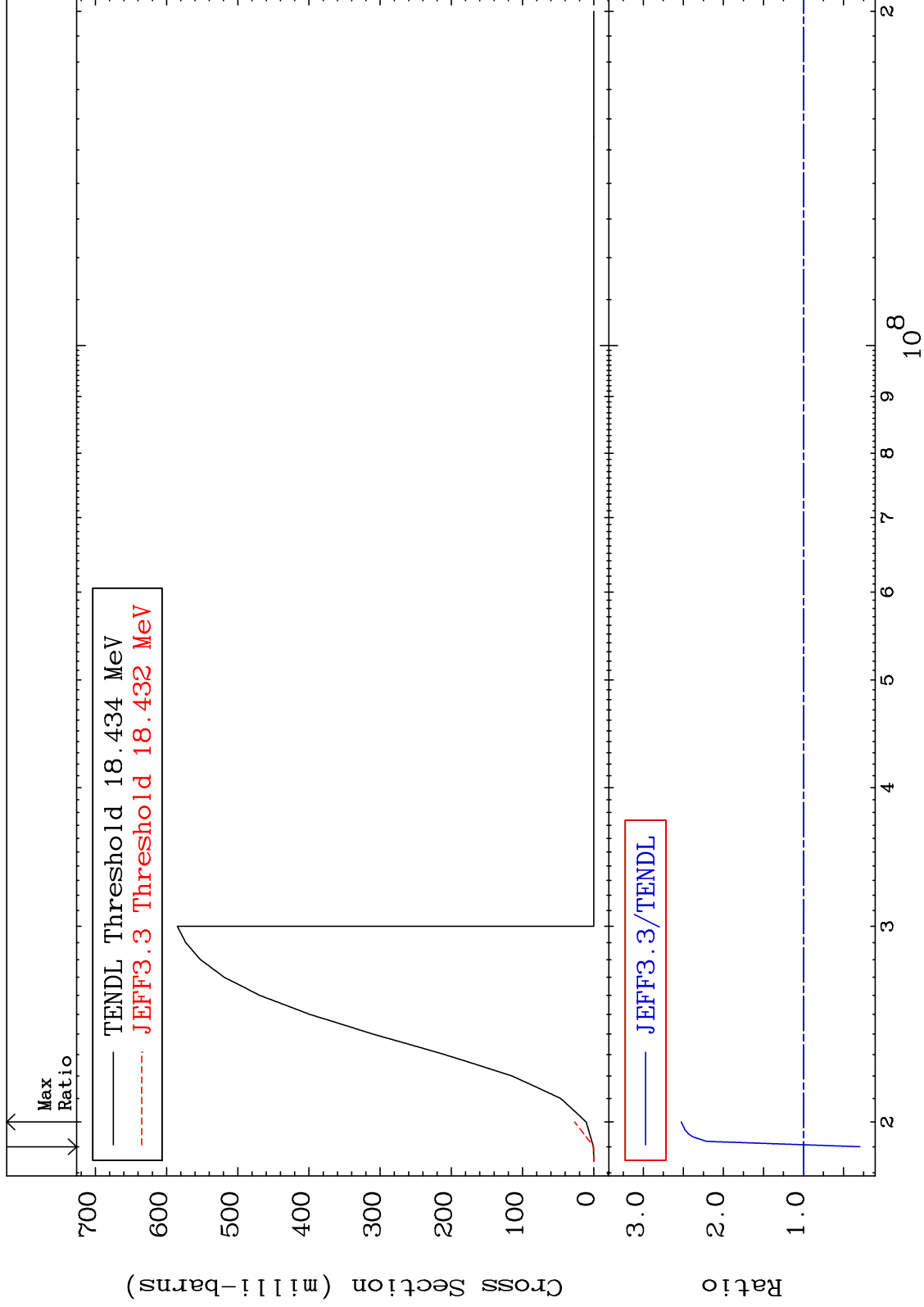
MAT 4831

(n, 3n)

48-Cd-108

Cross Section

-70.48 To 152.6 %



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Incident Energy (eV)

48-Cd-108

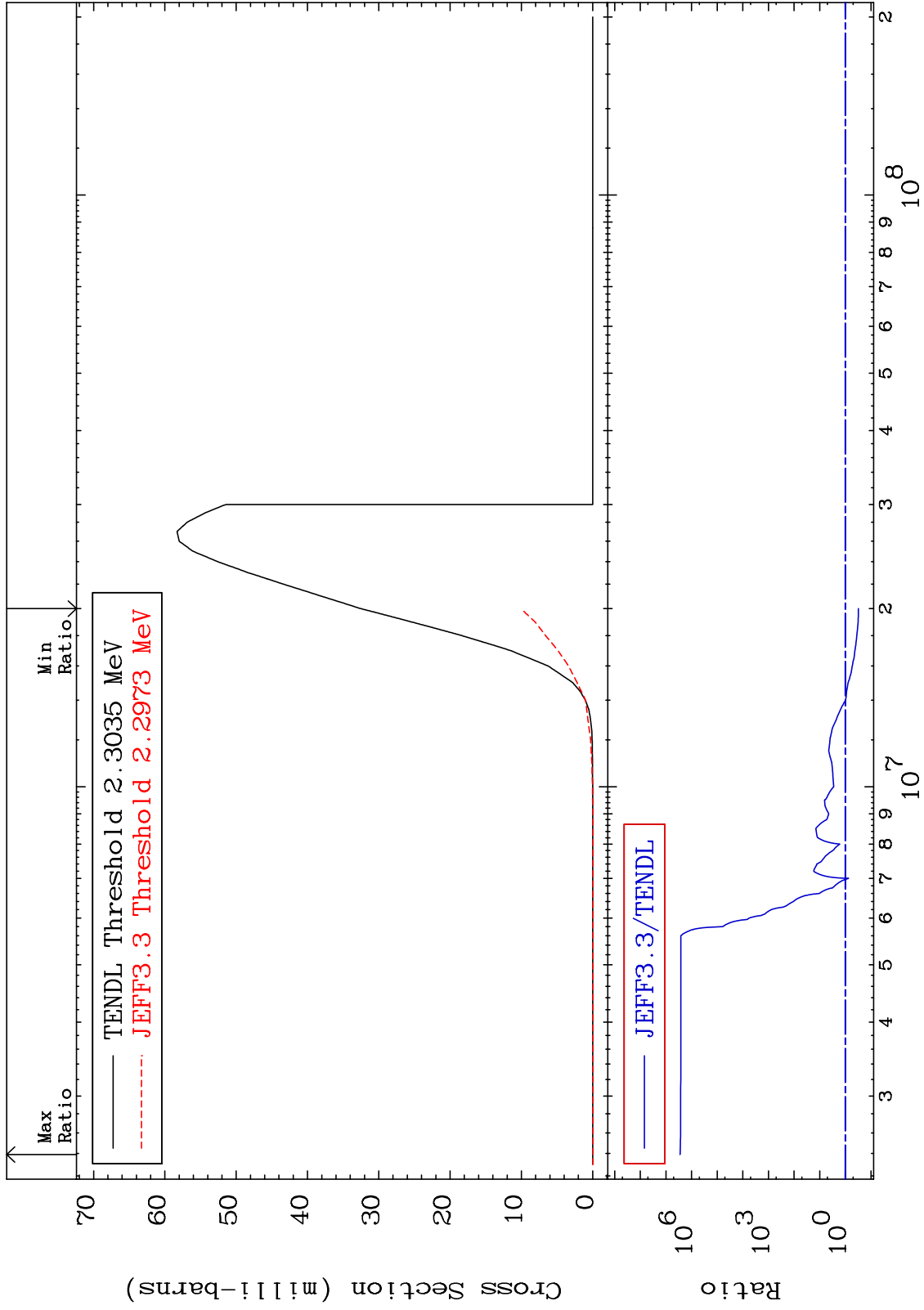
MAT 4831

(n, n') α

48-Cd-108

-68.97 To 9999. %

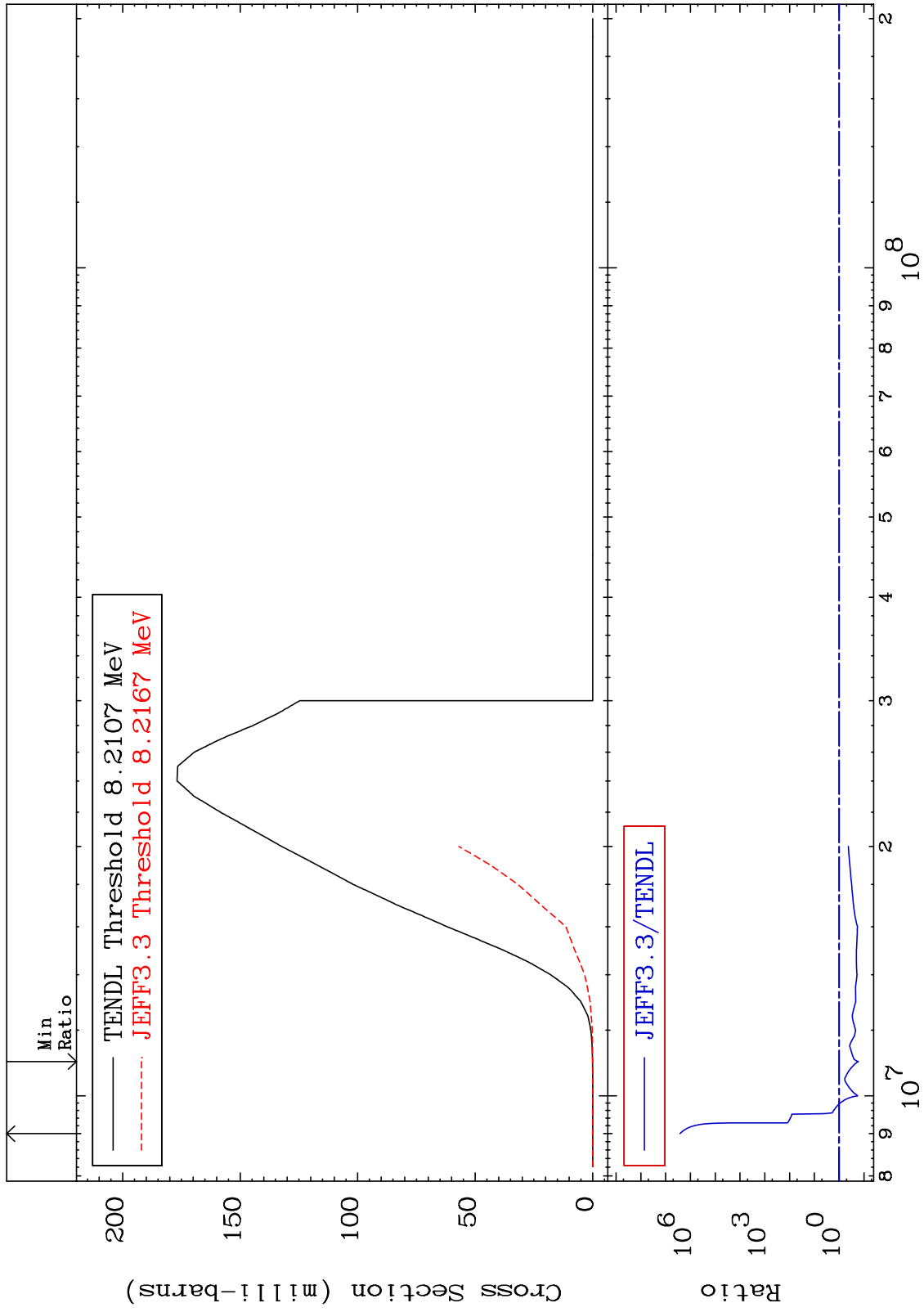
Cross Section



MAT 4831

(n,n') p
Cross Section

48-Cd-108
-83.23 To 9999. %



48-Cd-108
Incident Energy (eV)

7

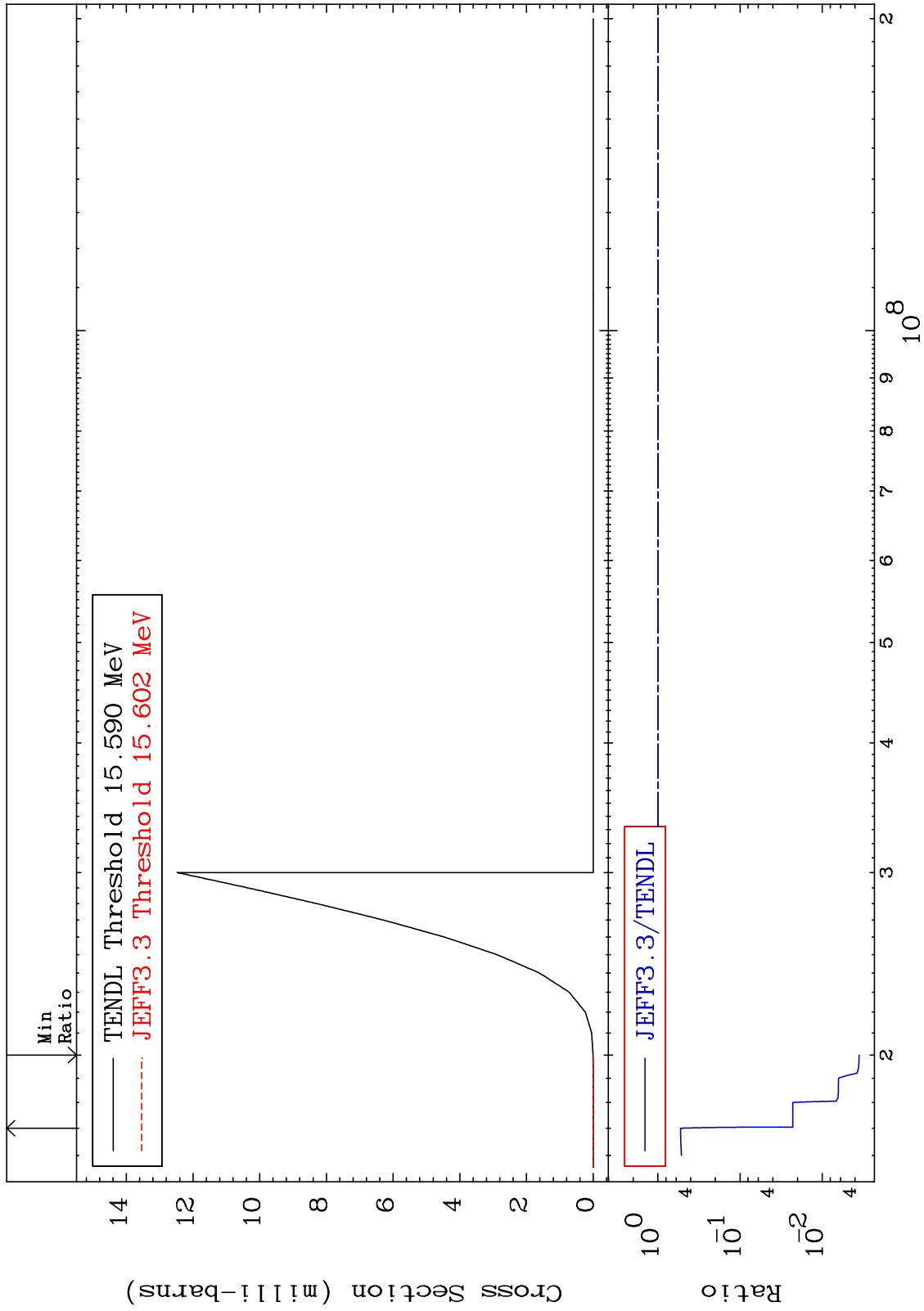
MAT 4831

(n, n') d

48-Cd-108

Cross Section

-99.64 To -47.03%



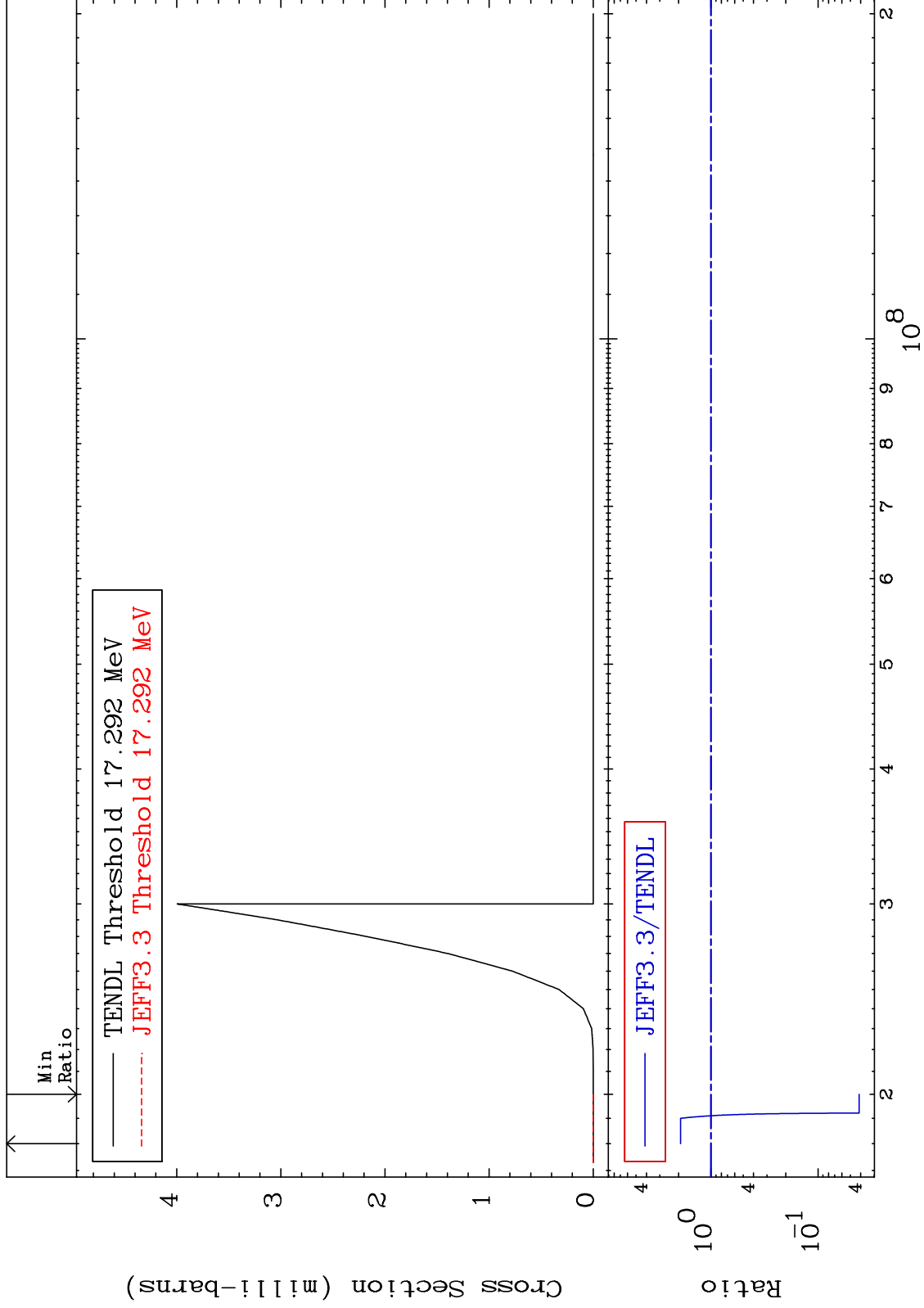
MAT 4831

(n,n') t

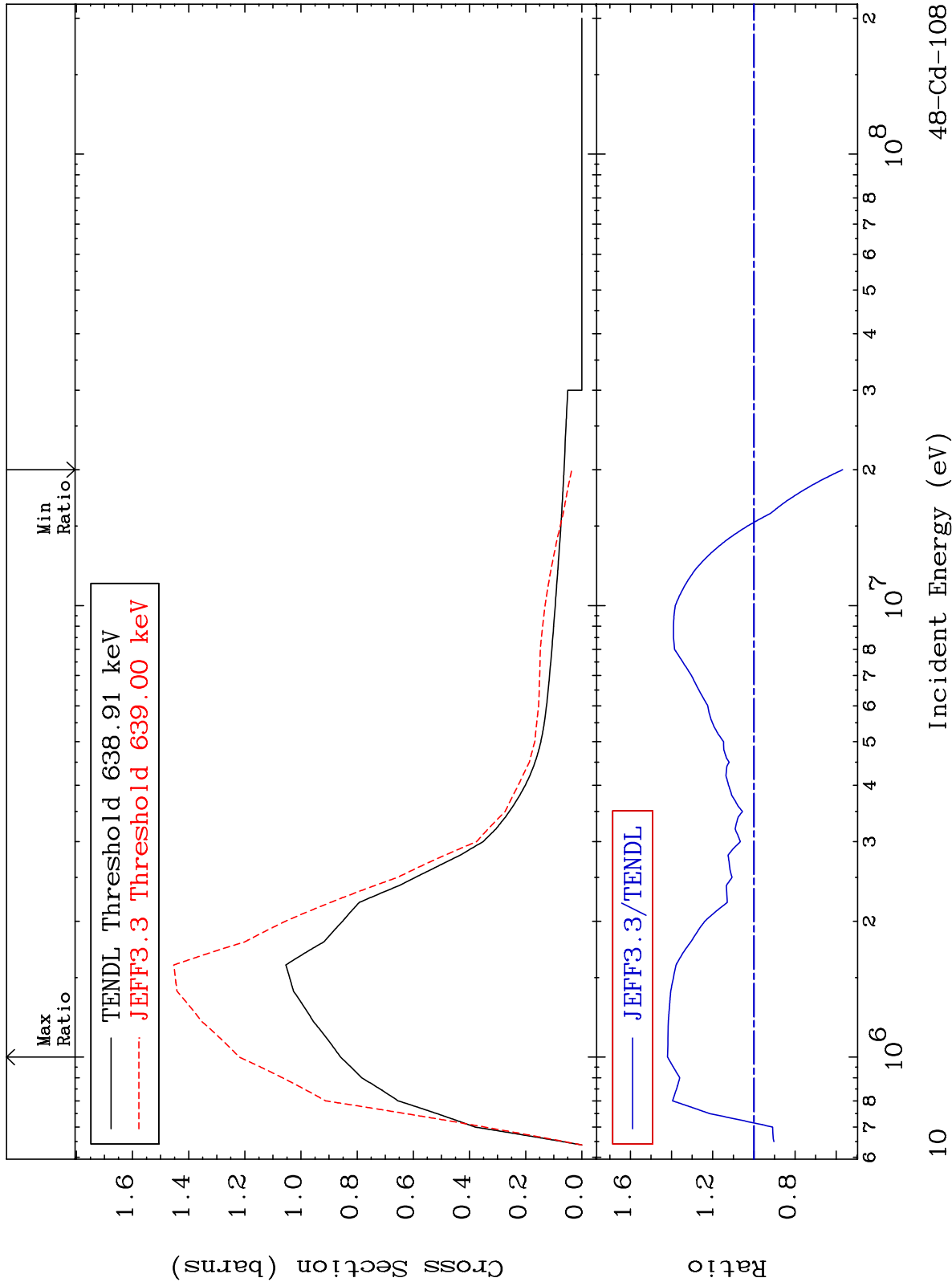
48-Cd-108

Cross Section

-95.86 To 91.76 %

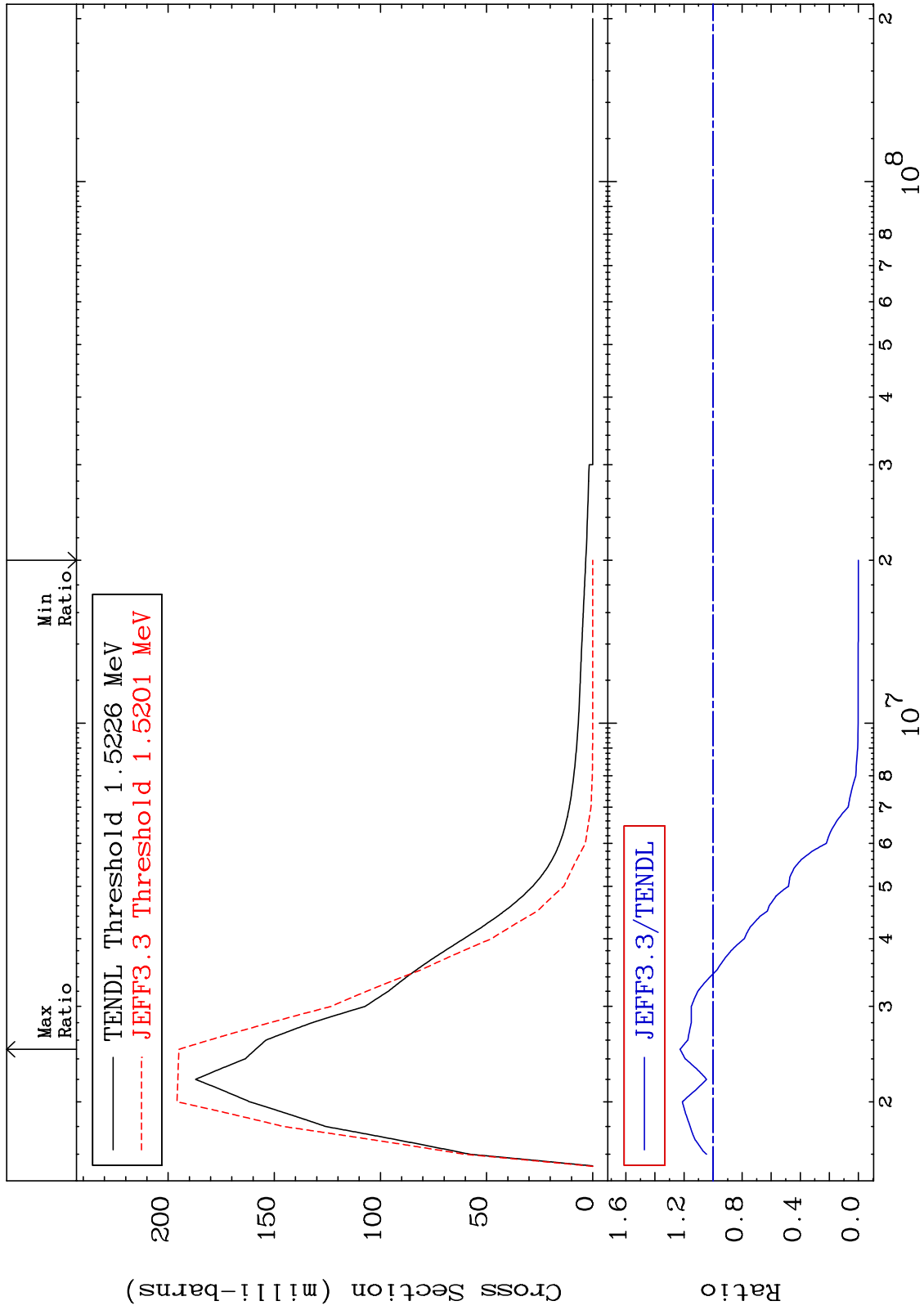


MAT 4831 MT= 51 (n,n') Level 48-Cd-108
 Cross Section -43.09 To 41.95 %



48-Cd-108

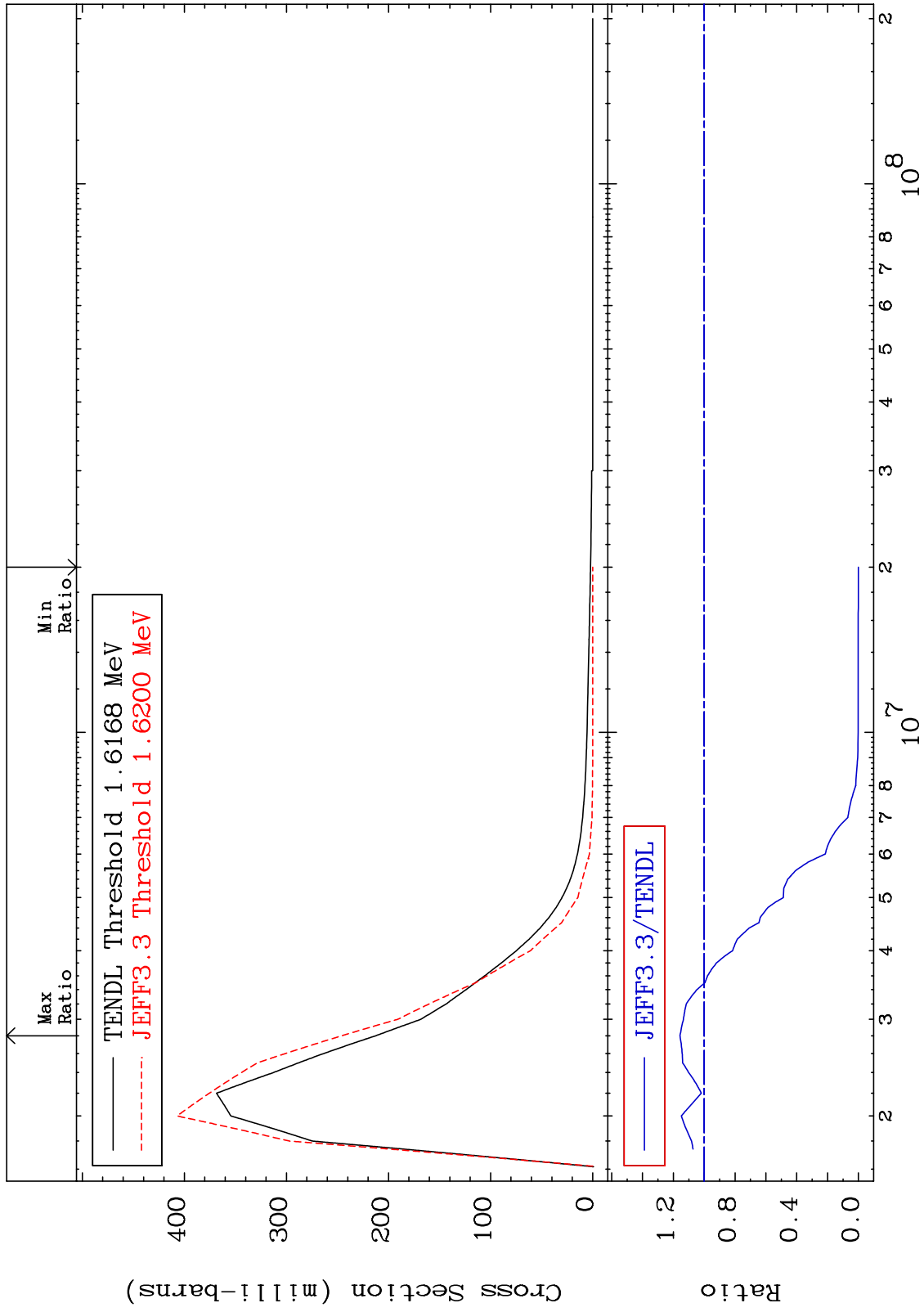
MAT 4831 MT= 52 (n,n') Level Cross Section 48-Cd-108
 -100.0 To 22.75 %



MAT 4831

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

48-Cd-108
-100.0 To 15.69 %



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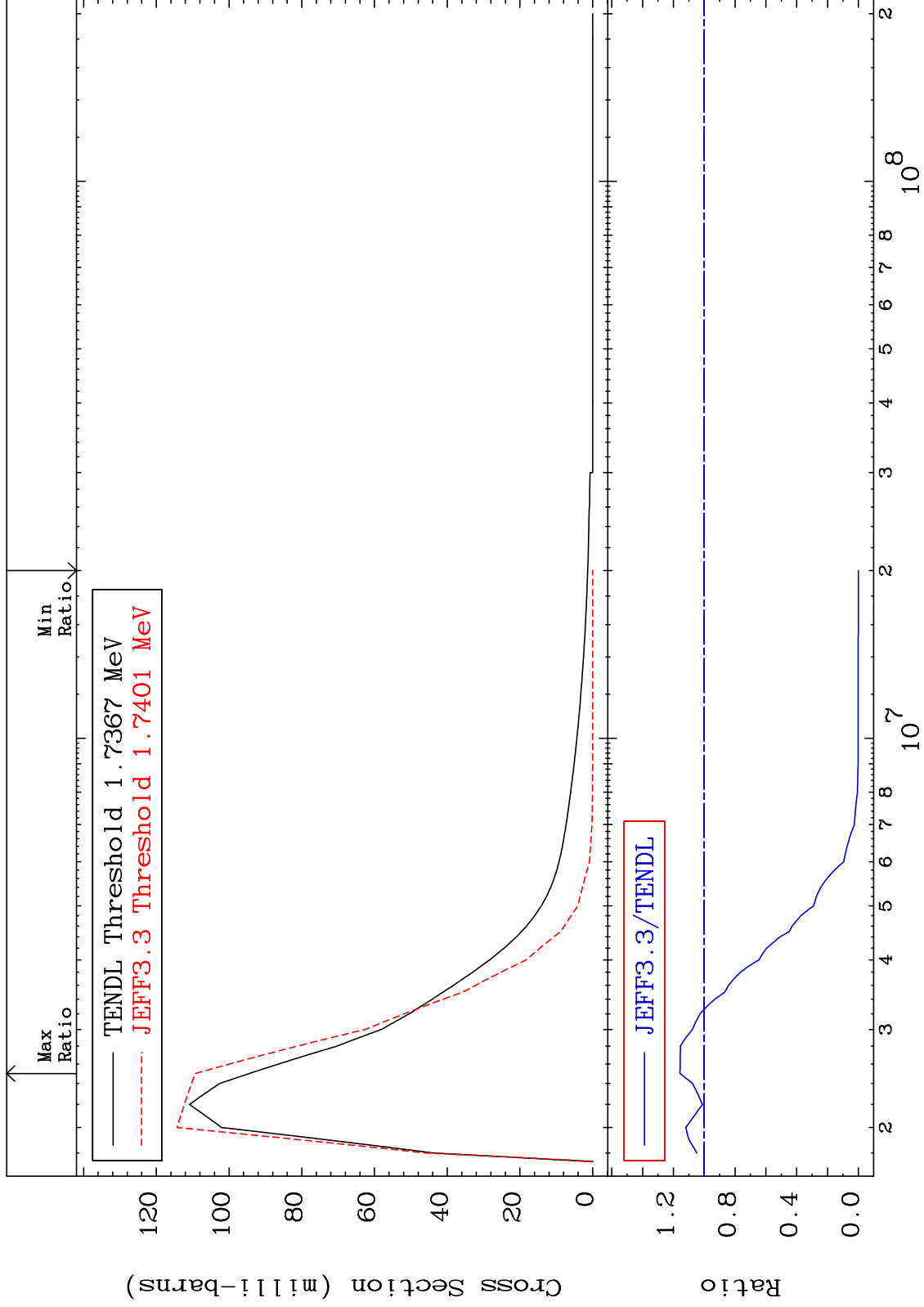
Incident Energy (eV)

48-Cd-108

MAT 4831

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

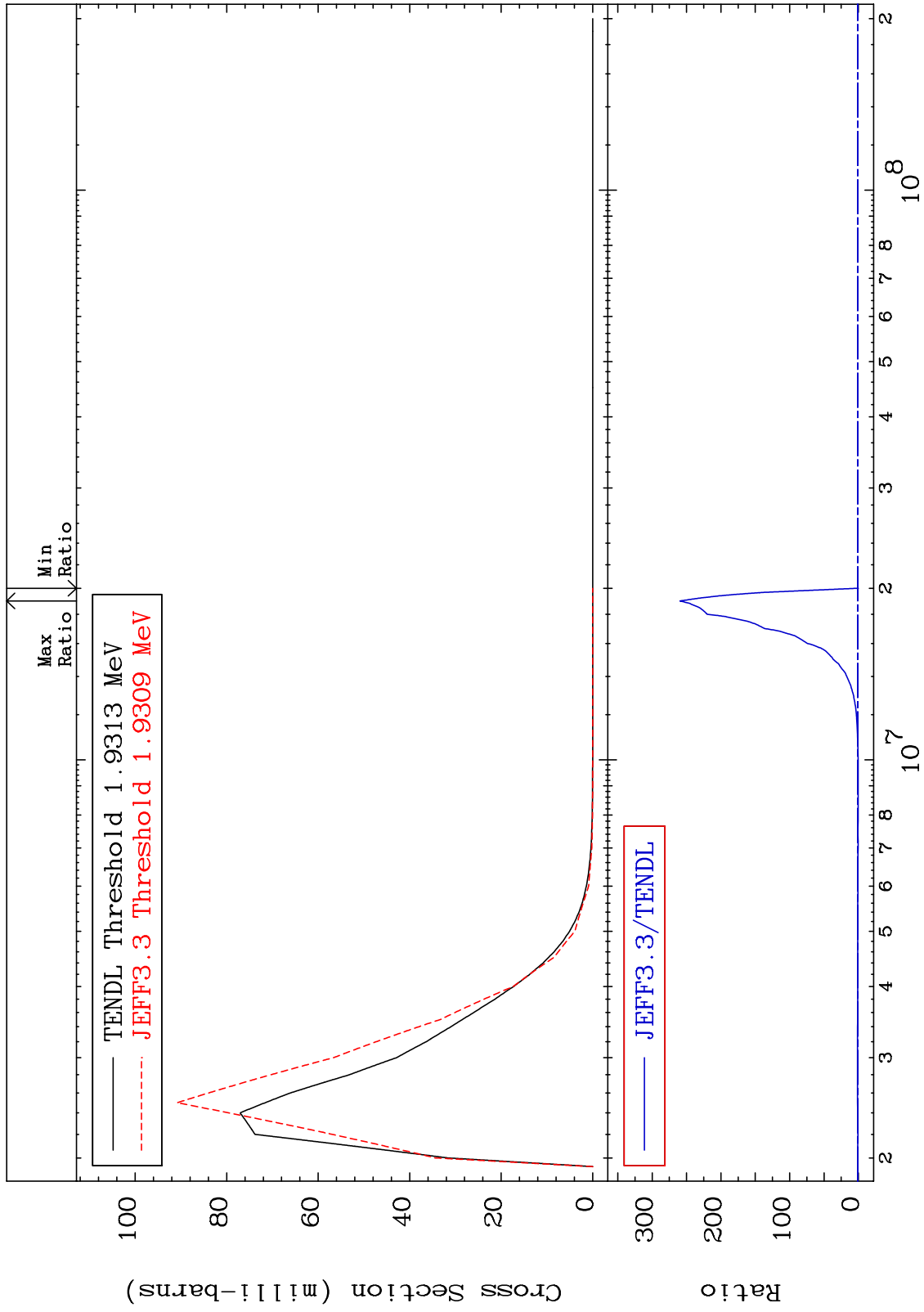
48-Cd-108
-100.0 To 15.71 %



MAT 4831

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

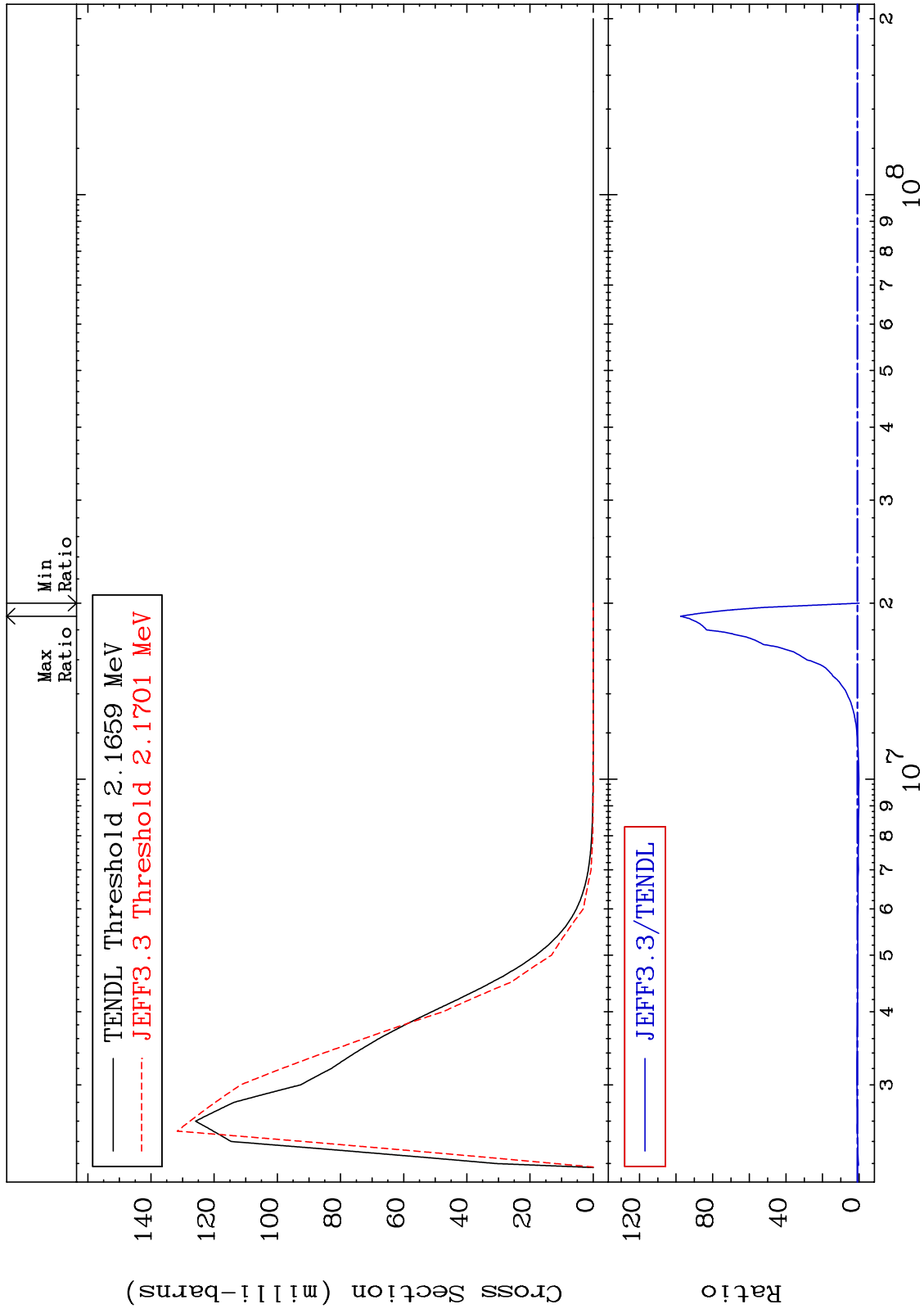
48-Cd-108
-100.0 To 9999. %



MAT 4831

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

48-Cd-108
-100.0 To 9651. %



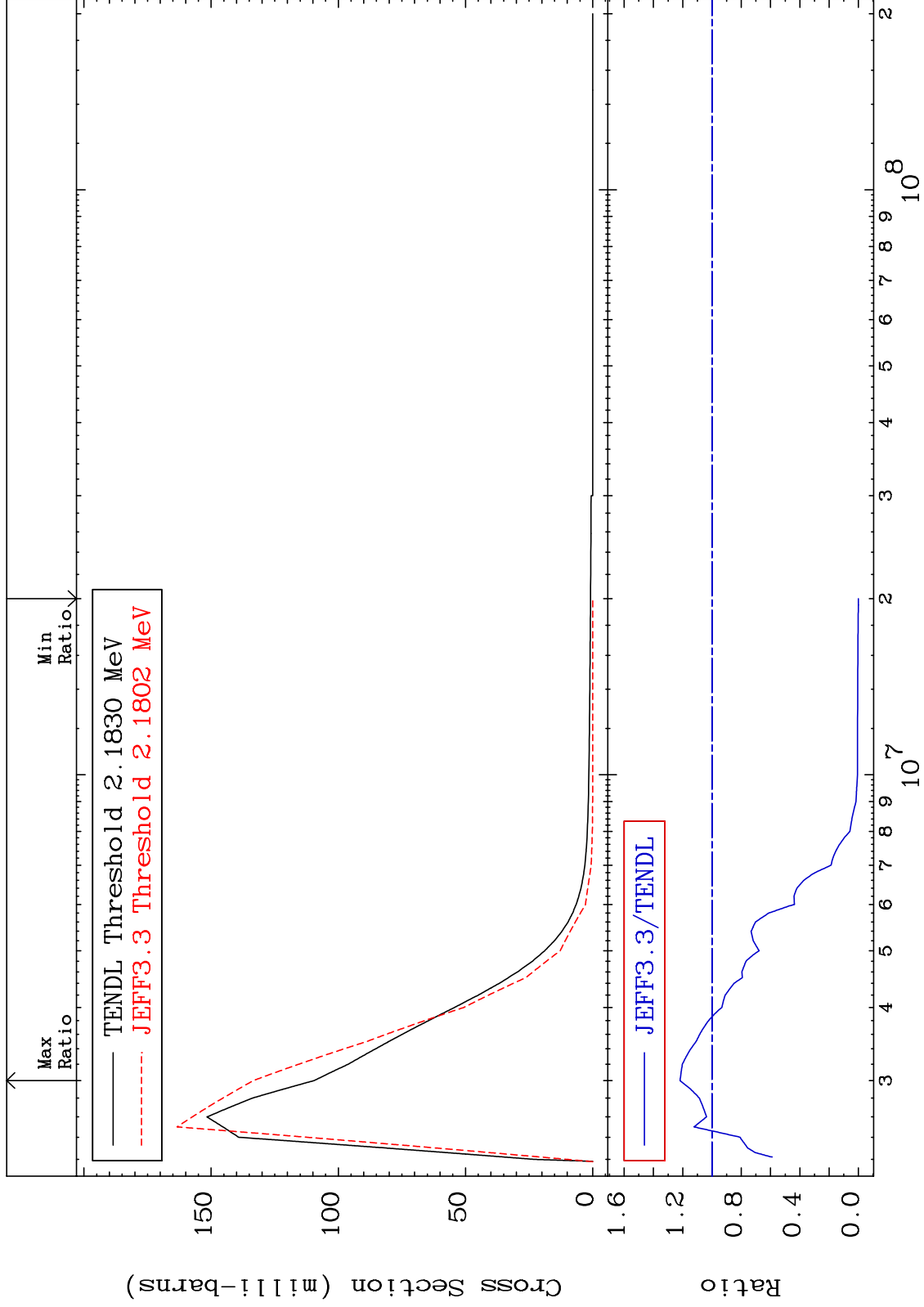
15

48-Cd-108

MAT 4831

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

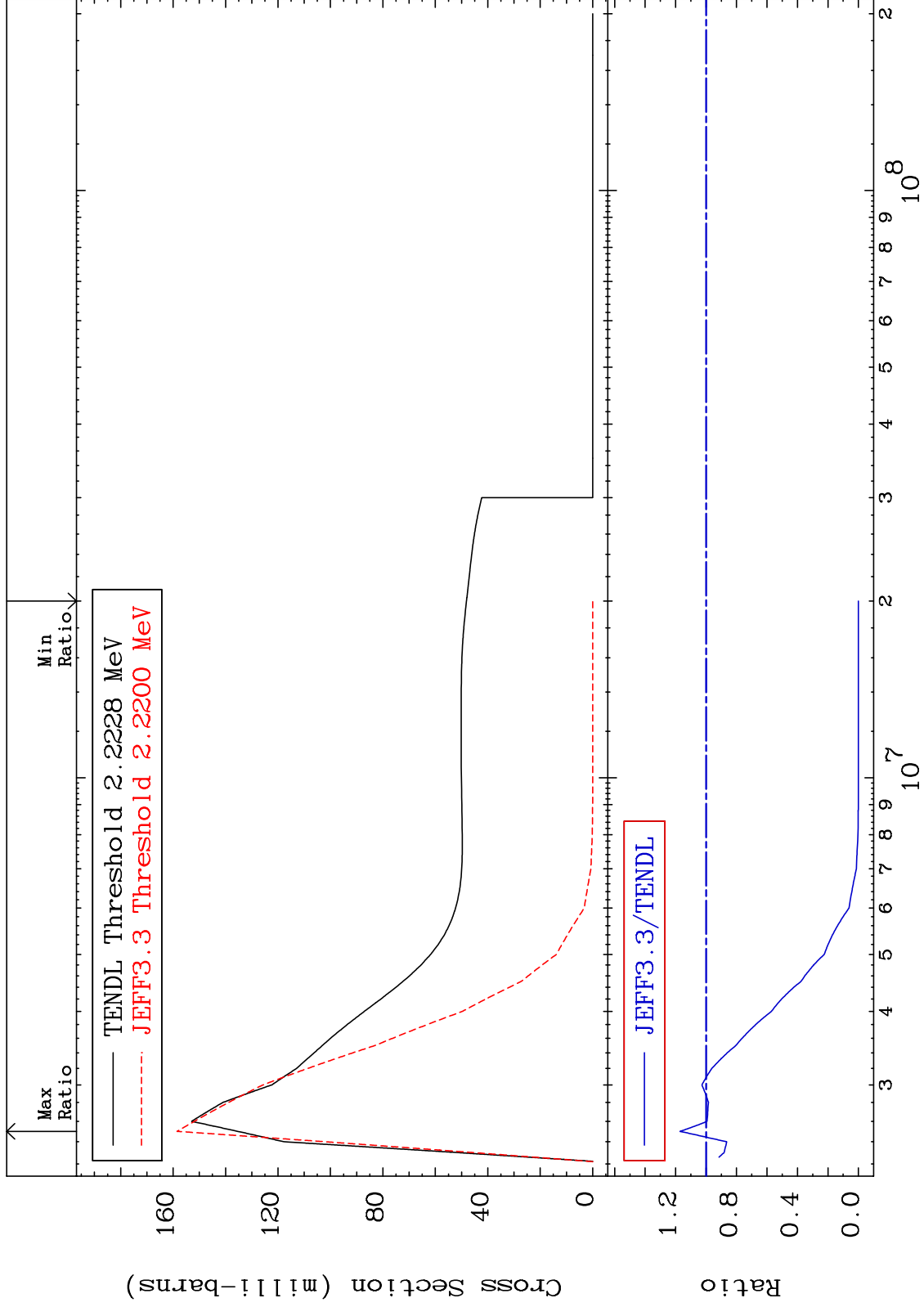
48-Cd-108
-100.0 To 21.84 %



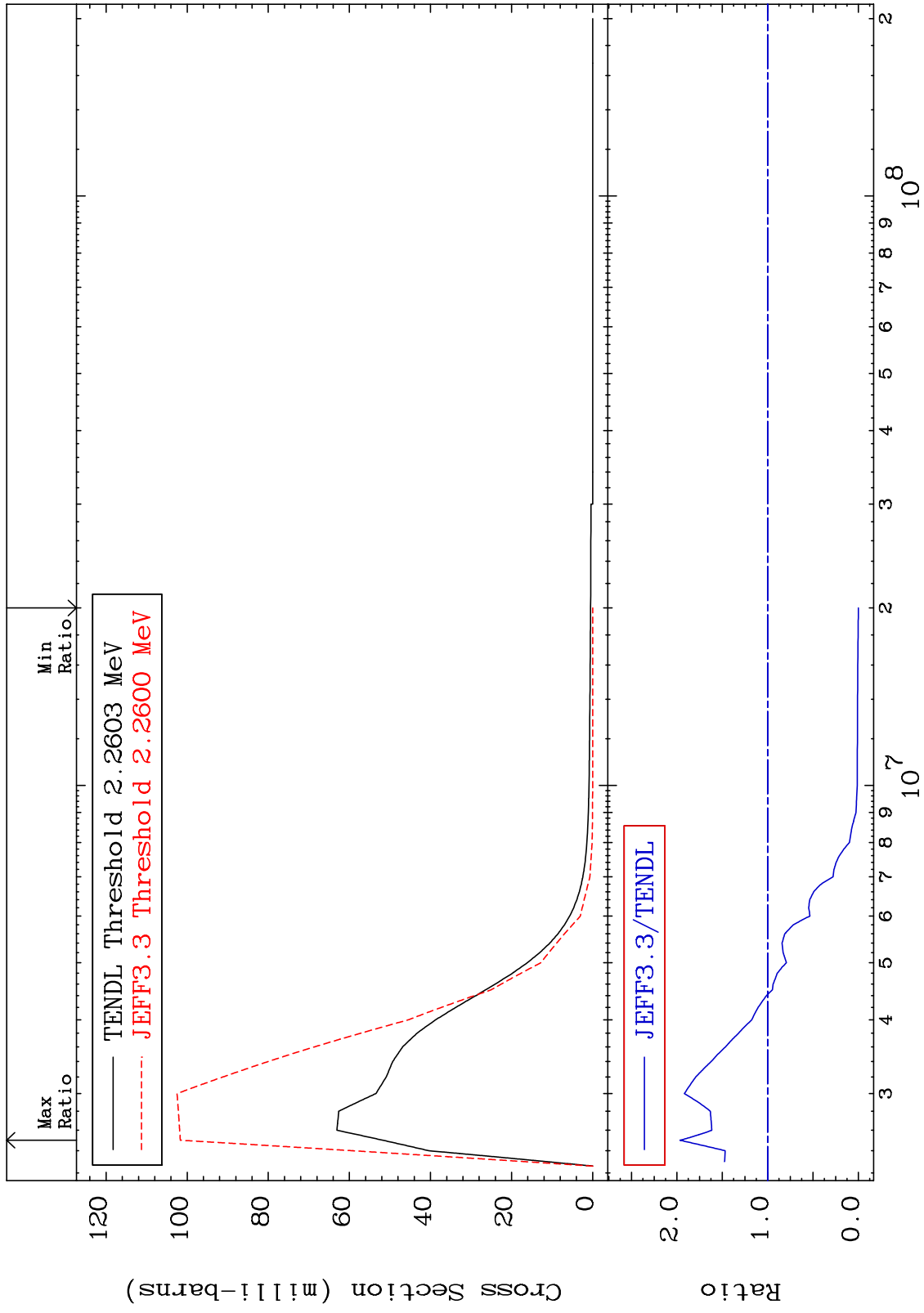
MAT 4831

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

48-Cd-108
-100.0 To 17.10 %



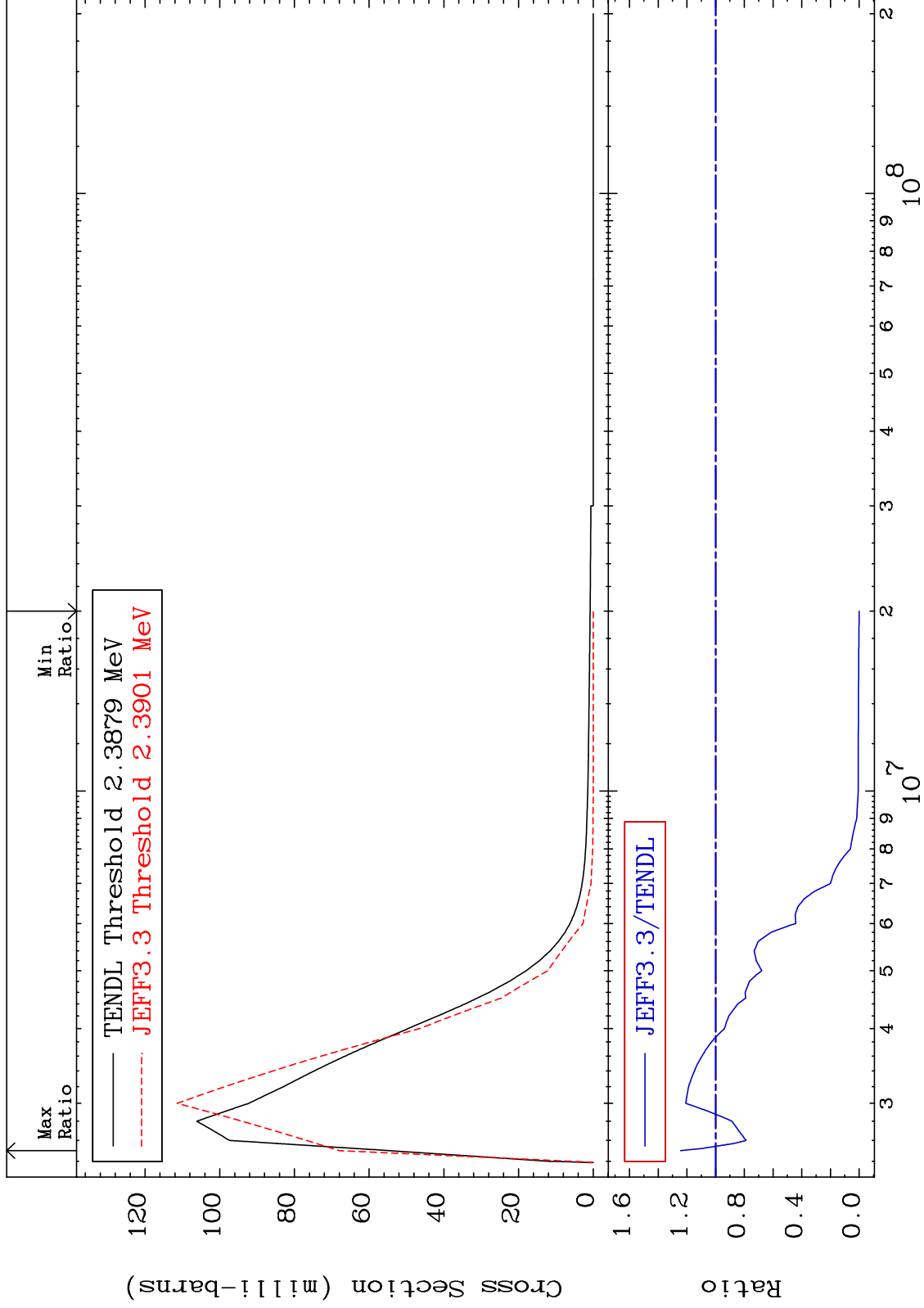
MAT 4831 MT= 59 (n, n') Level
 Cross Section 48-Cd-108
 -100.0 To 96.52 %



MAT 4831

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

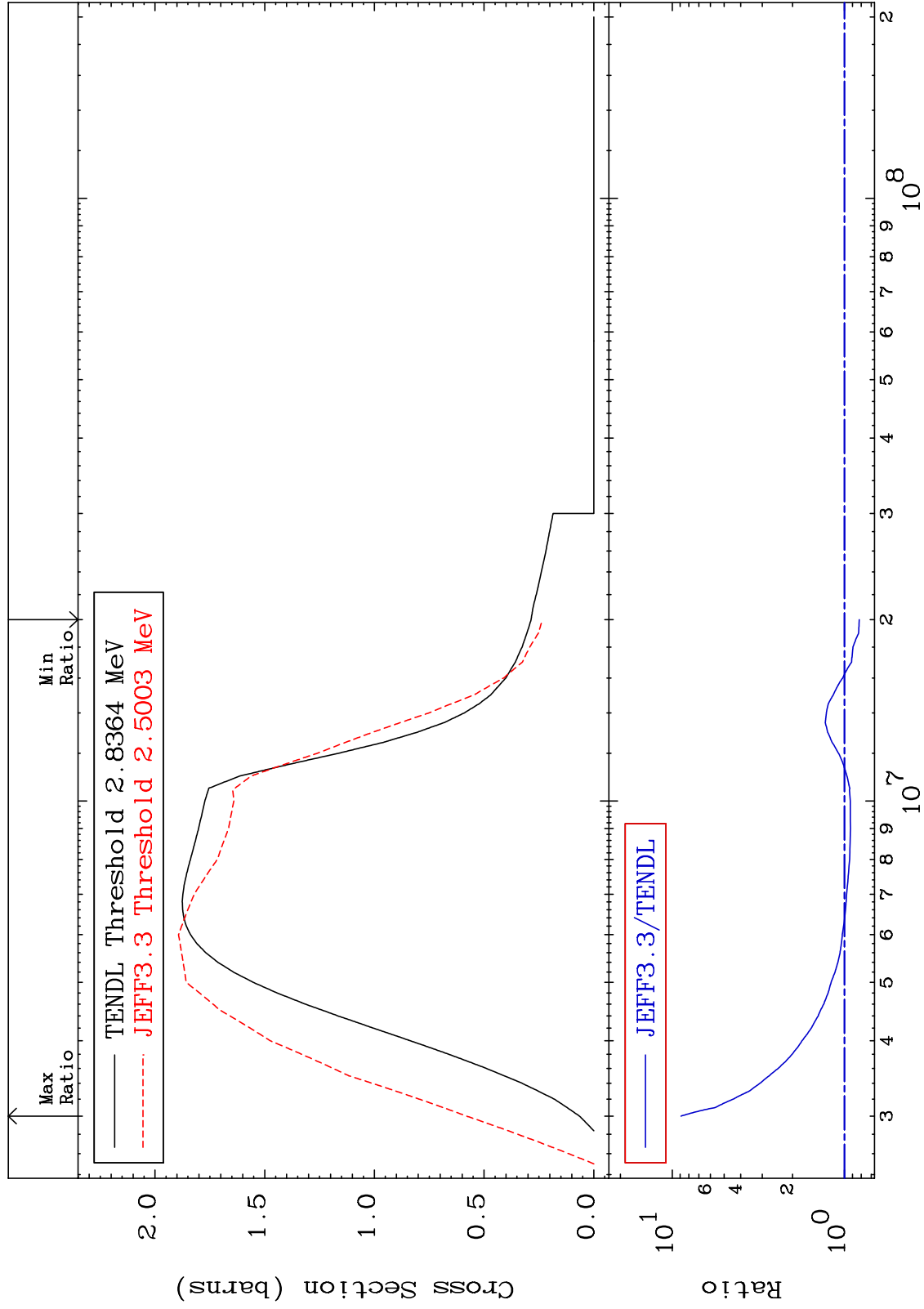
48-Cd-108
-100.0 To 24.39 %



MAT 4831

(n, n') Continuum
Cross Section

48-Cd-108
-17.92 To 788.6 %



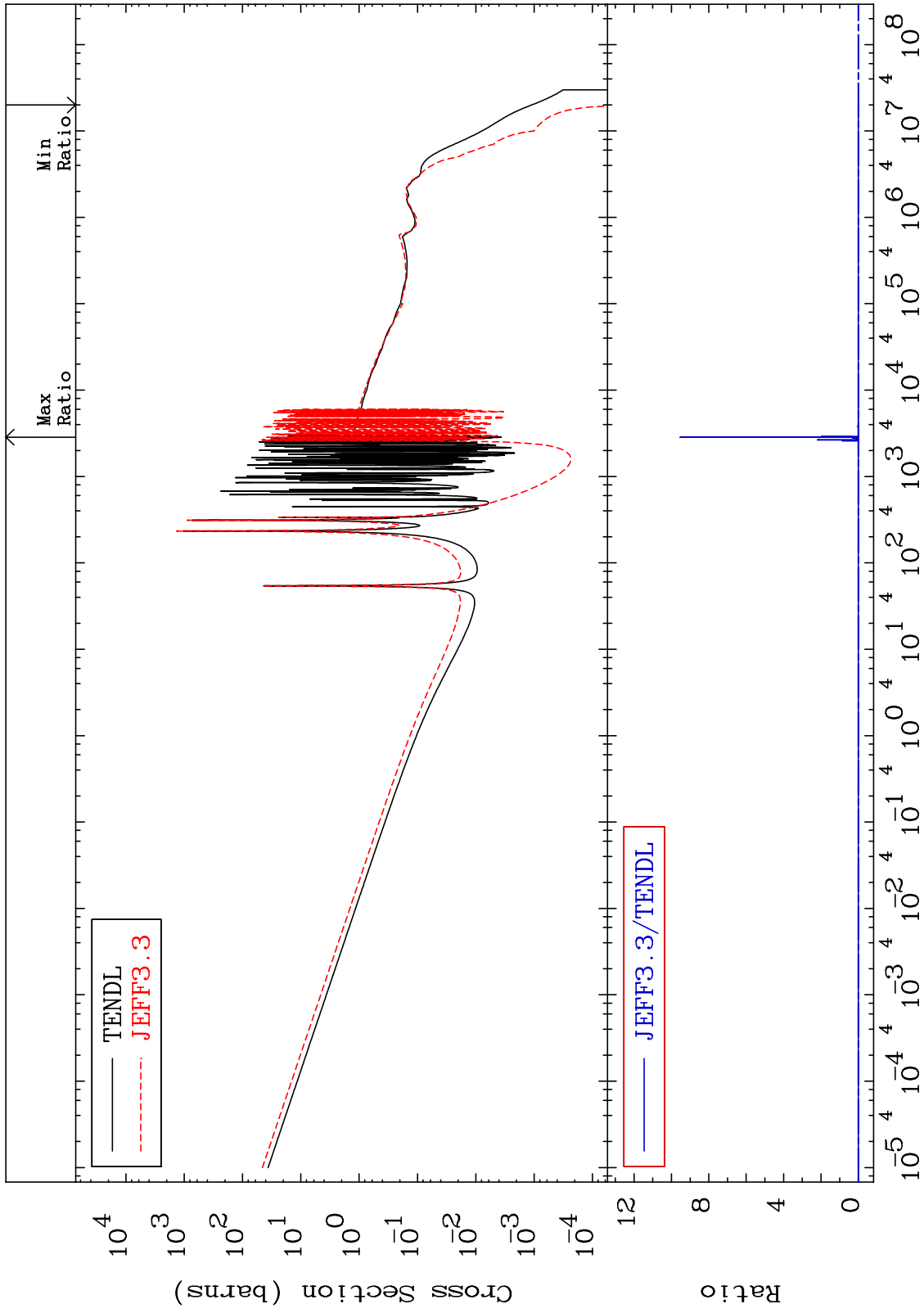
MAT 4831

(n, γ)

48-Cd-108

Cross Section

-100.0 To 9999. %



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Incident Energy (eV)

48-Cd-108

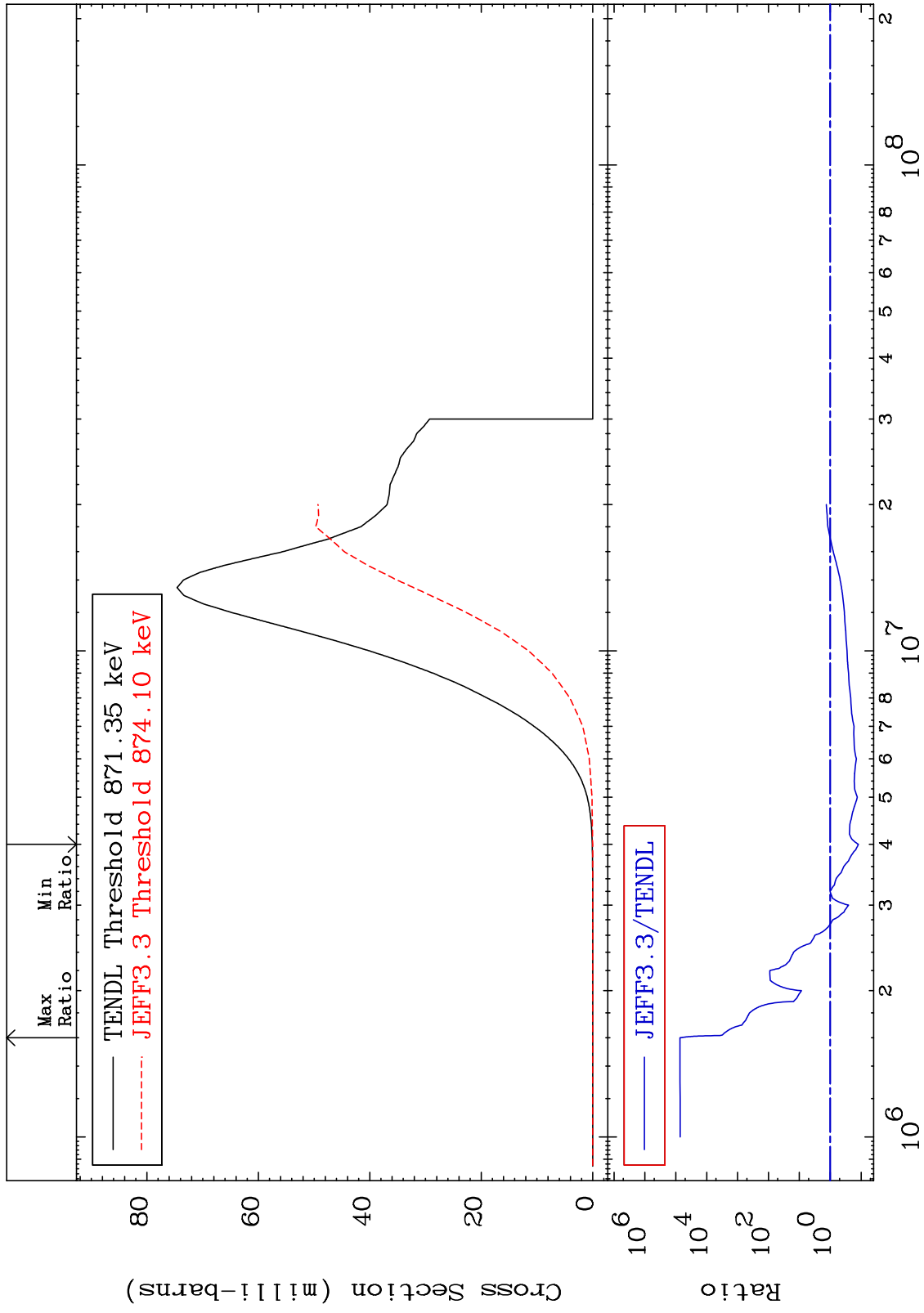
MAT 4831

(n,p)

48-Cd-108

Cross Section

-87.75 To 9999. %



22

Incident Energy (eV)

48-Cd-108

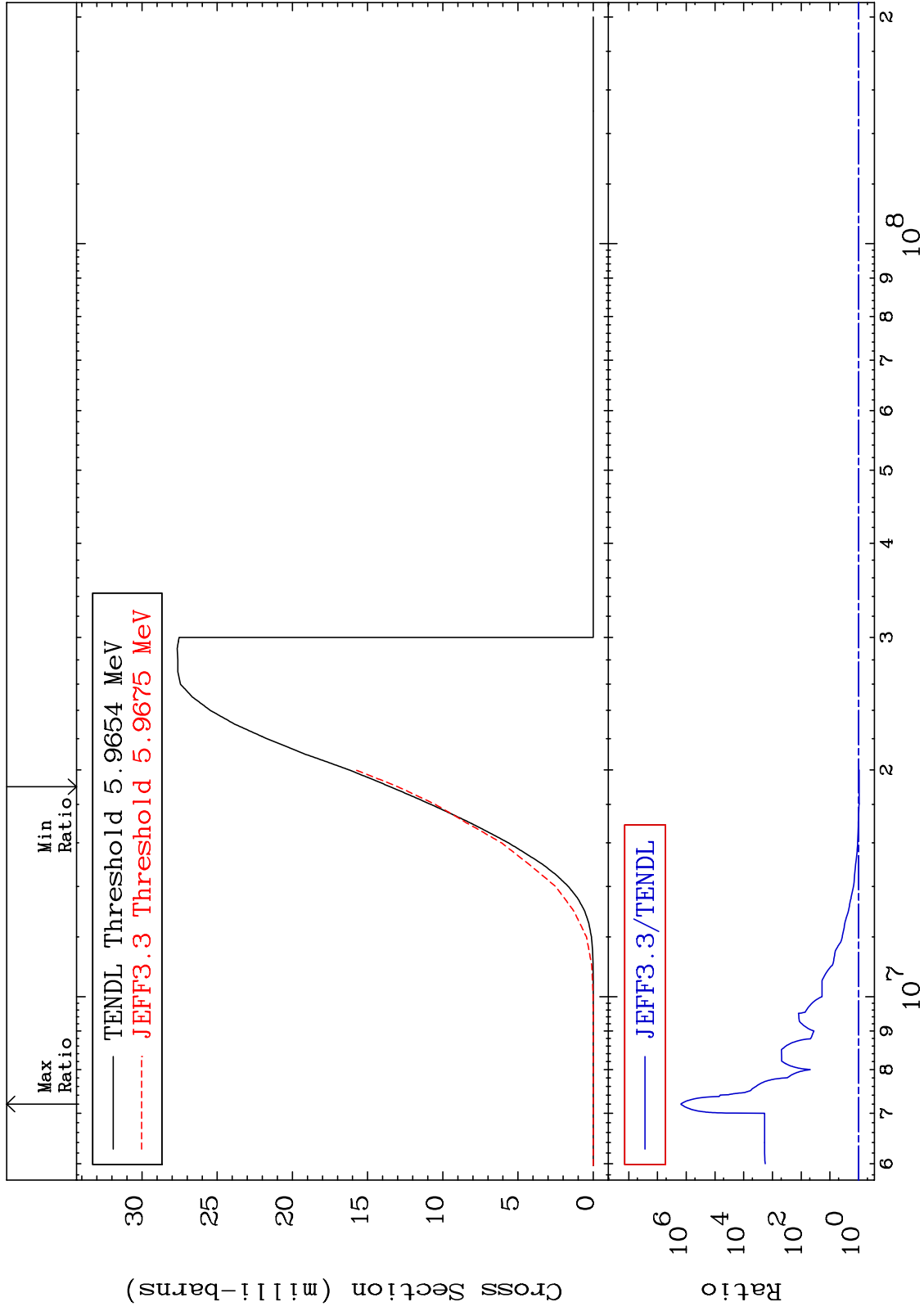
MAT 4831

(n,d)

48-Cd-108

Cross Section

-3.749 To 9999. %



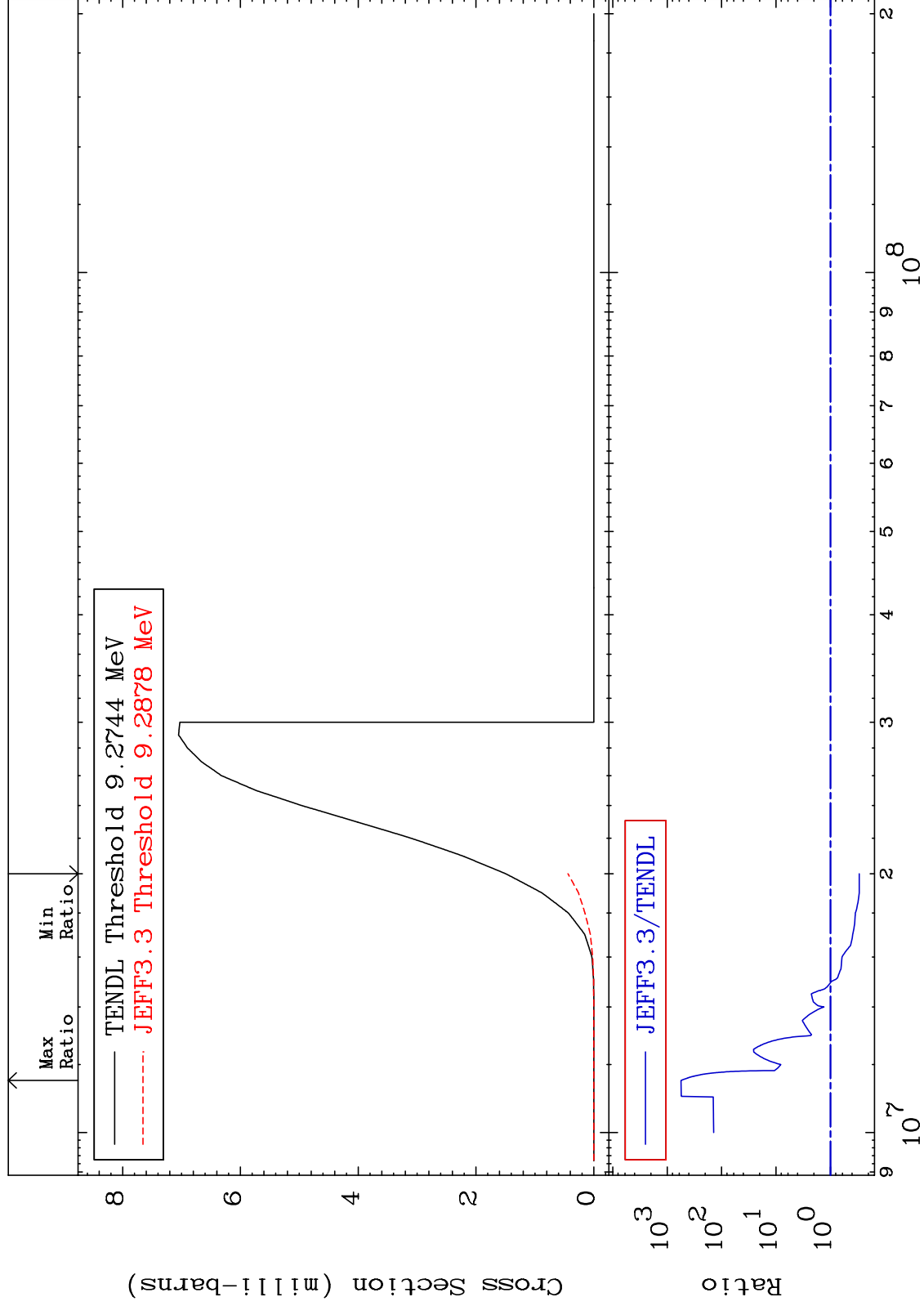
MAT 4831

(n, t)

48-Cd-108

Cross Section

-70.59 To 9999. %



24

Incident Energy (eV)

48-Cd-108

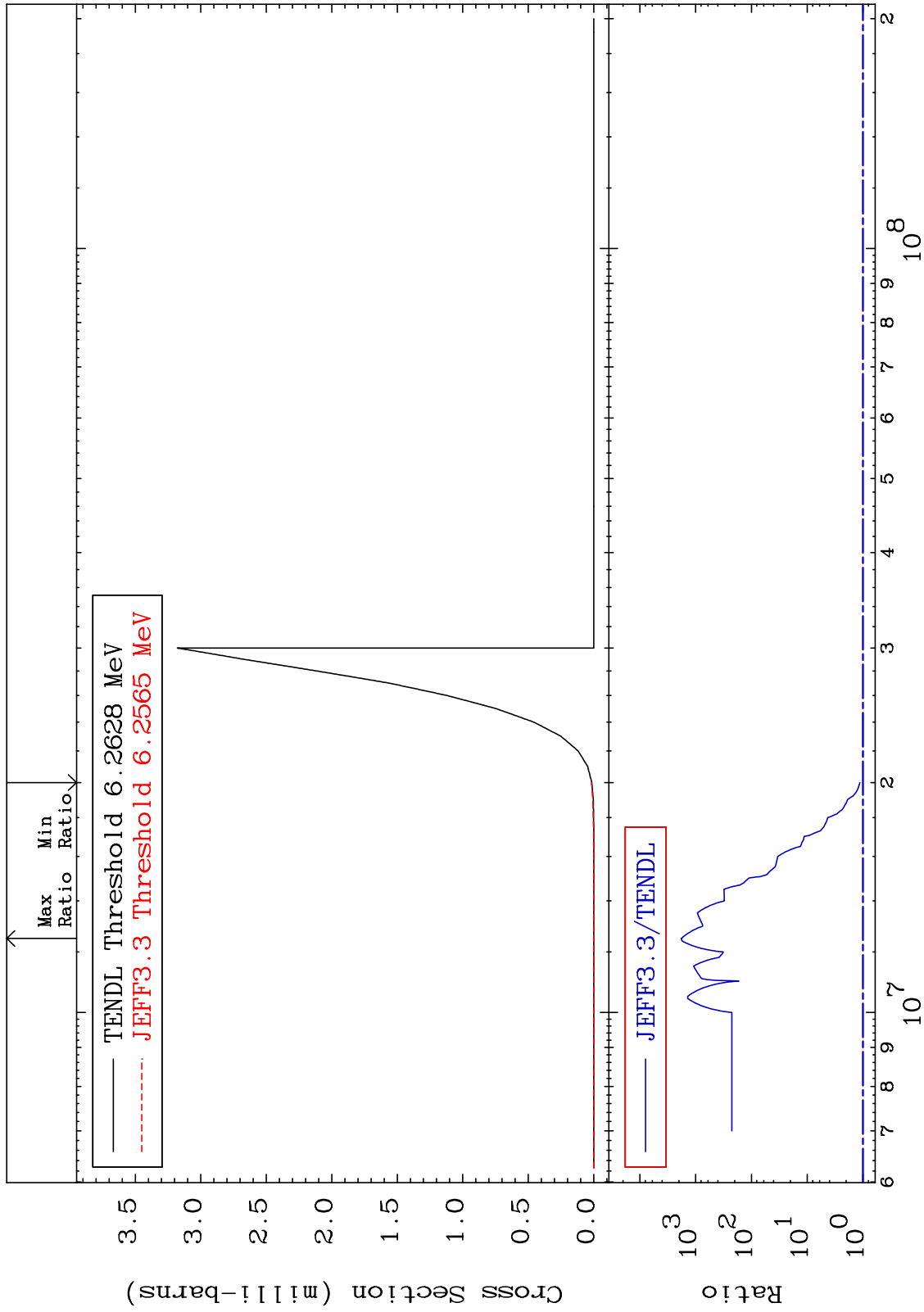
MAT 4831

(n, He-3)

48-Cd-108

13.51 To 9999. %

Cross Section

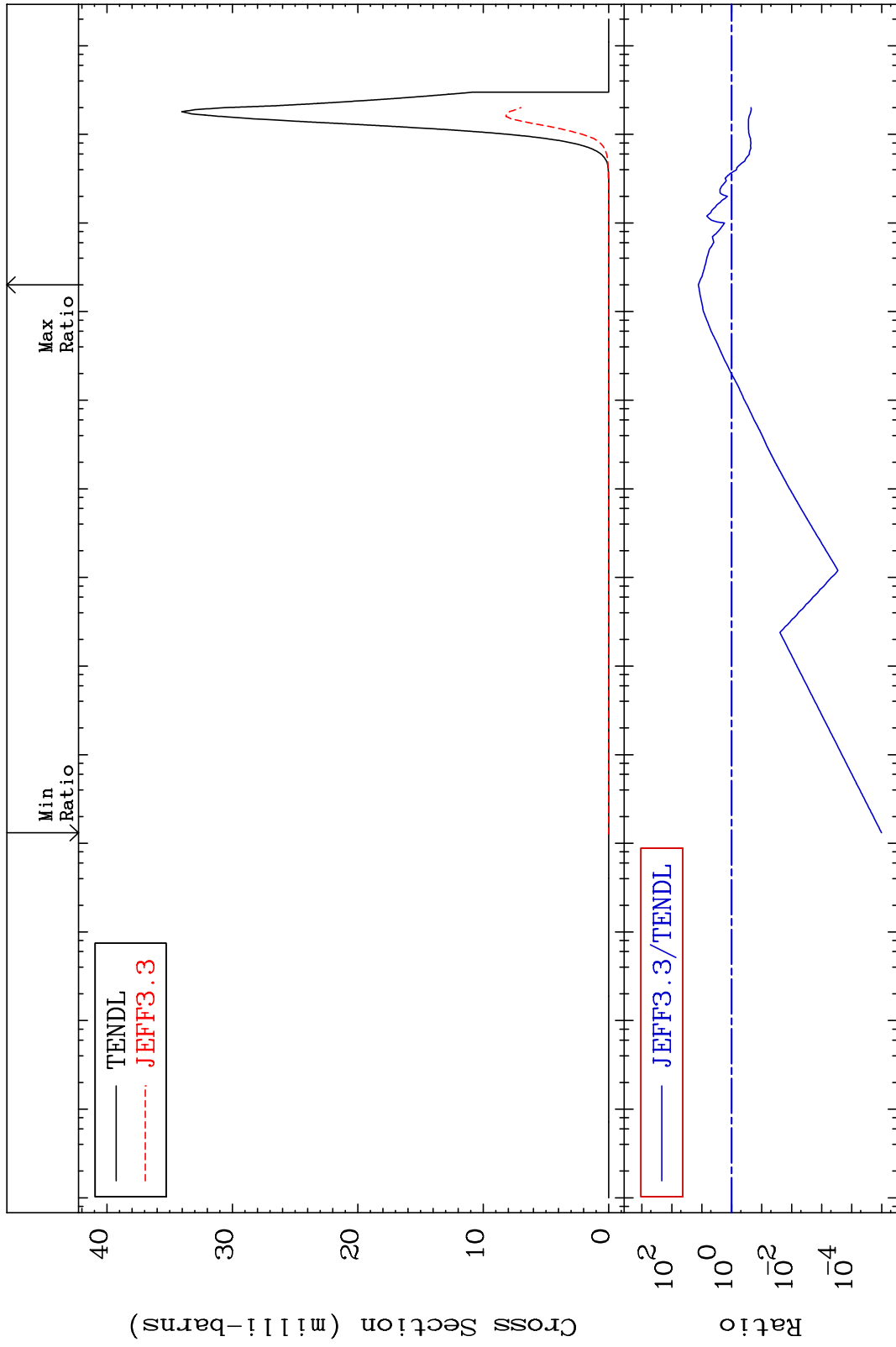


MAT 4831

(n, α)
Cross Section

48-Cd-108

-100.0 To 1200. %



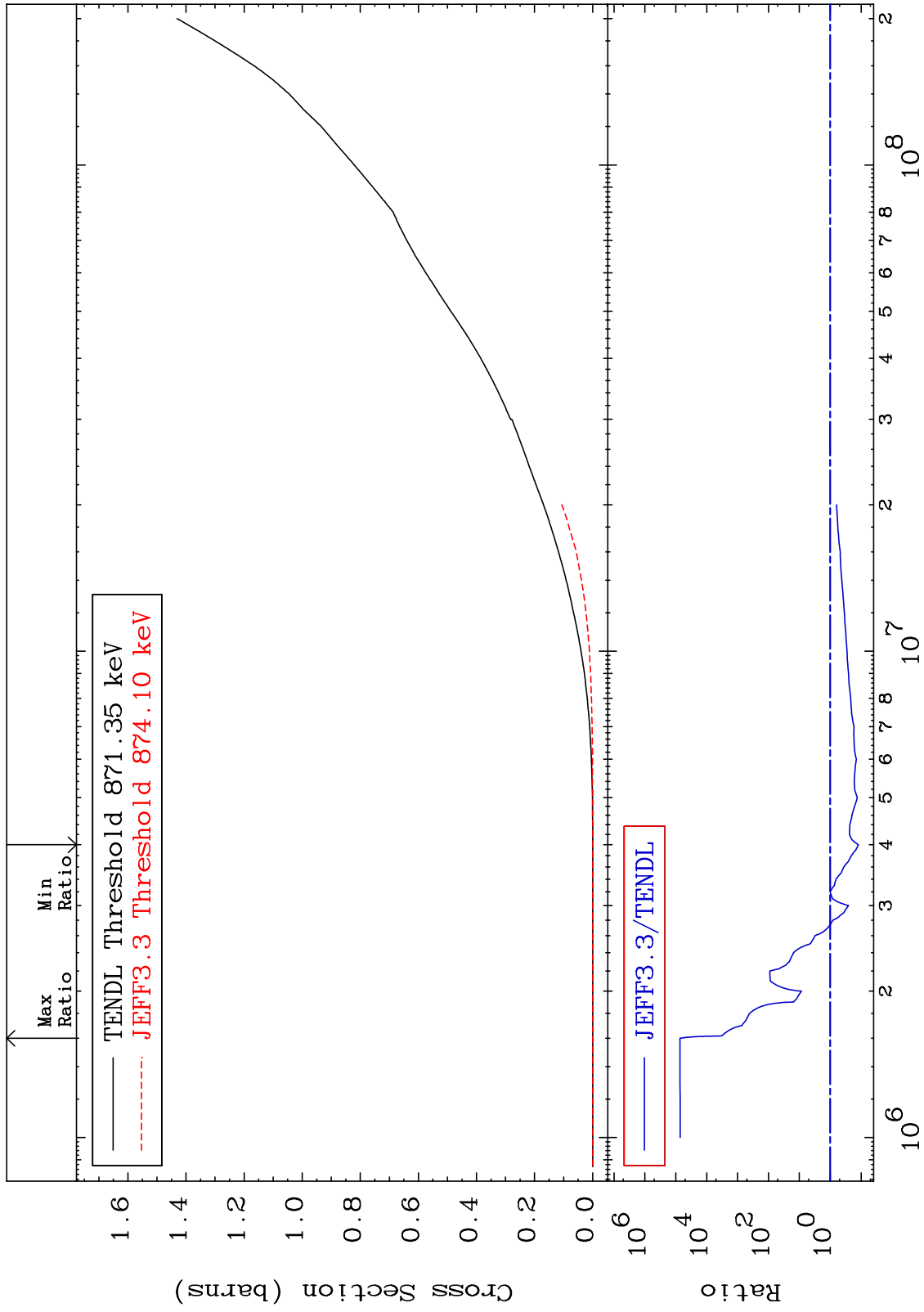
Incident Energy (eV)

48-Cd-108

MAT 4831

Hydrogen Production
Cross Section

48-Cd-108
-87.75 To 9999. %



27

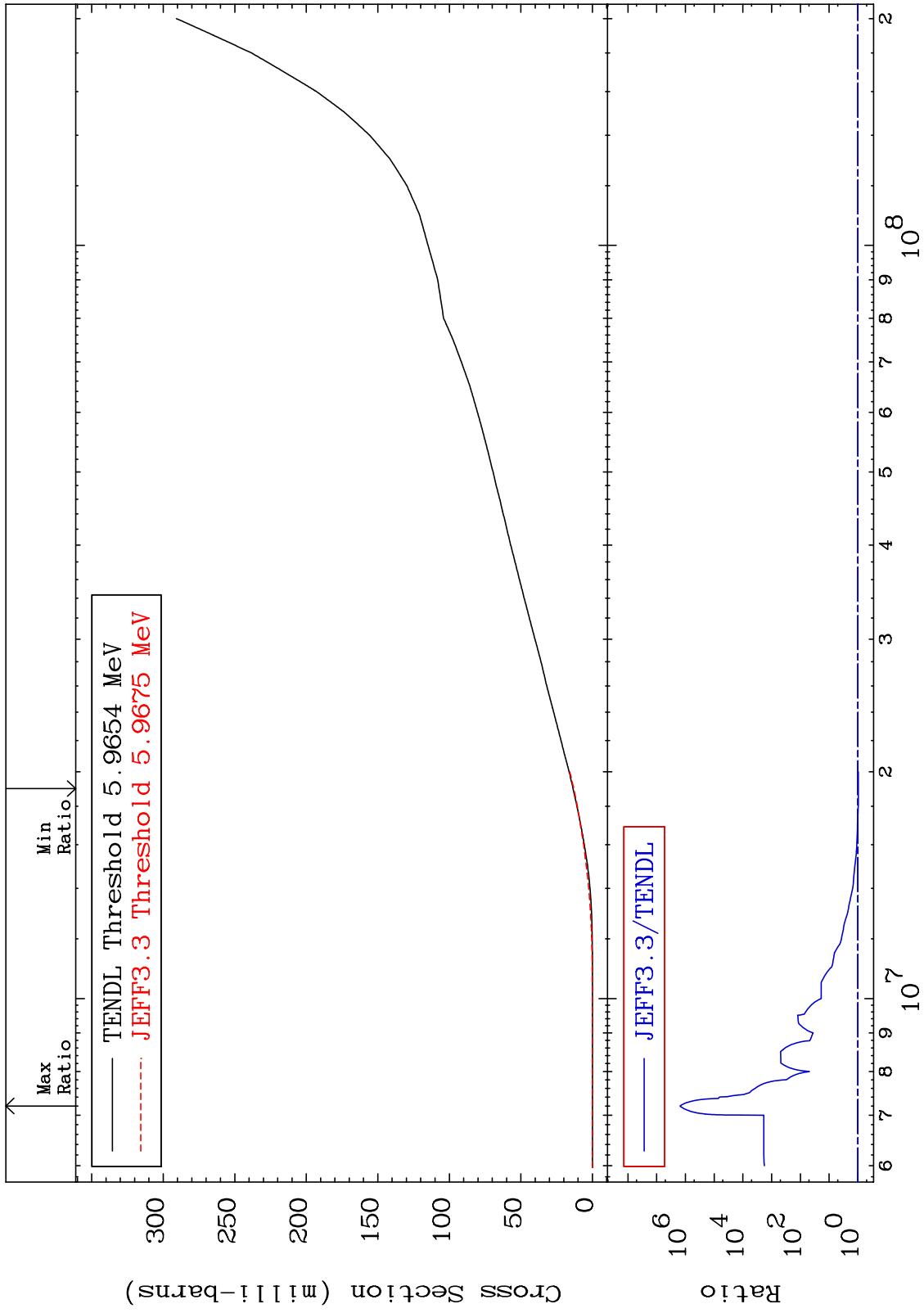
Incident Energy (eV)

48-Cd-108

MAT 4831

Deuterium Production
Cross Section

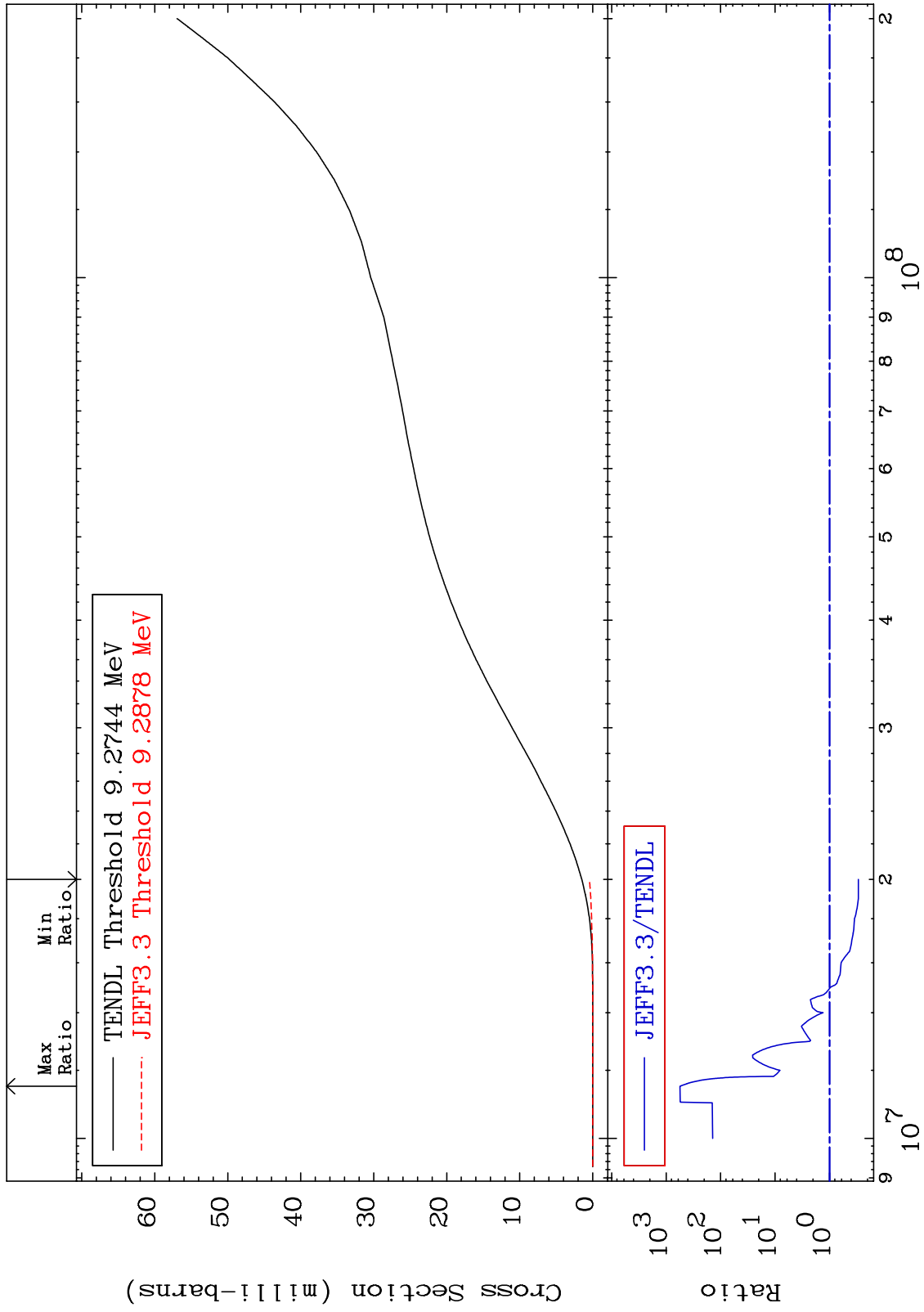
48-Cd-108
-3.750 To 9999. %



MAT 4831

Tritium Production
Cross Section

48-Cd-108
-70.59 To 9999. %



29

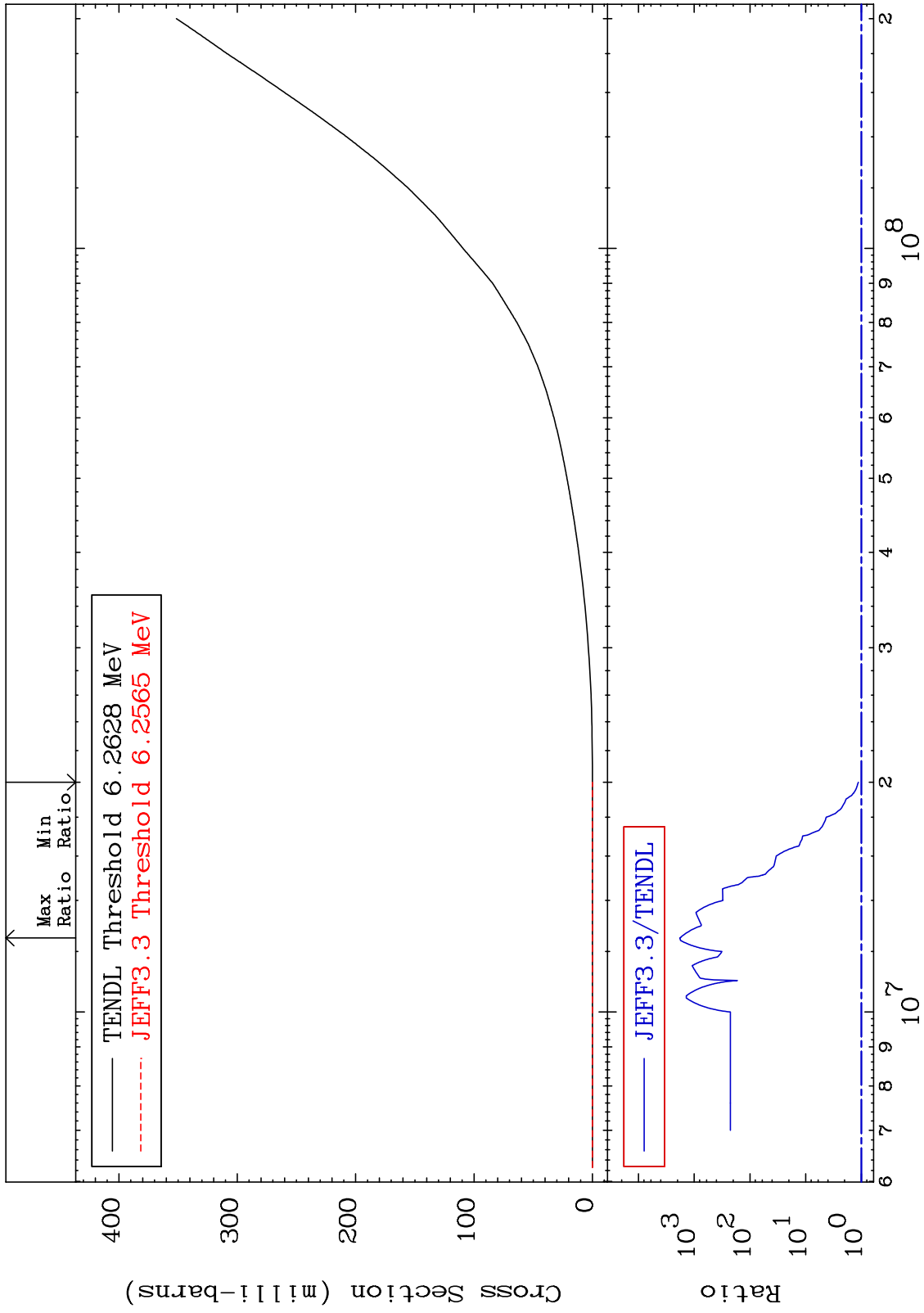
Incident Energy (eV)

48-Cd-108

MAT 4831

He-3 Production
Cross Section

48-Cd-108
13.51 To 9999. %



30

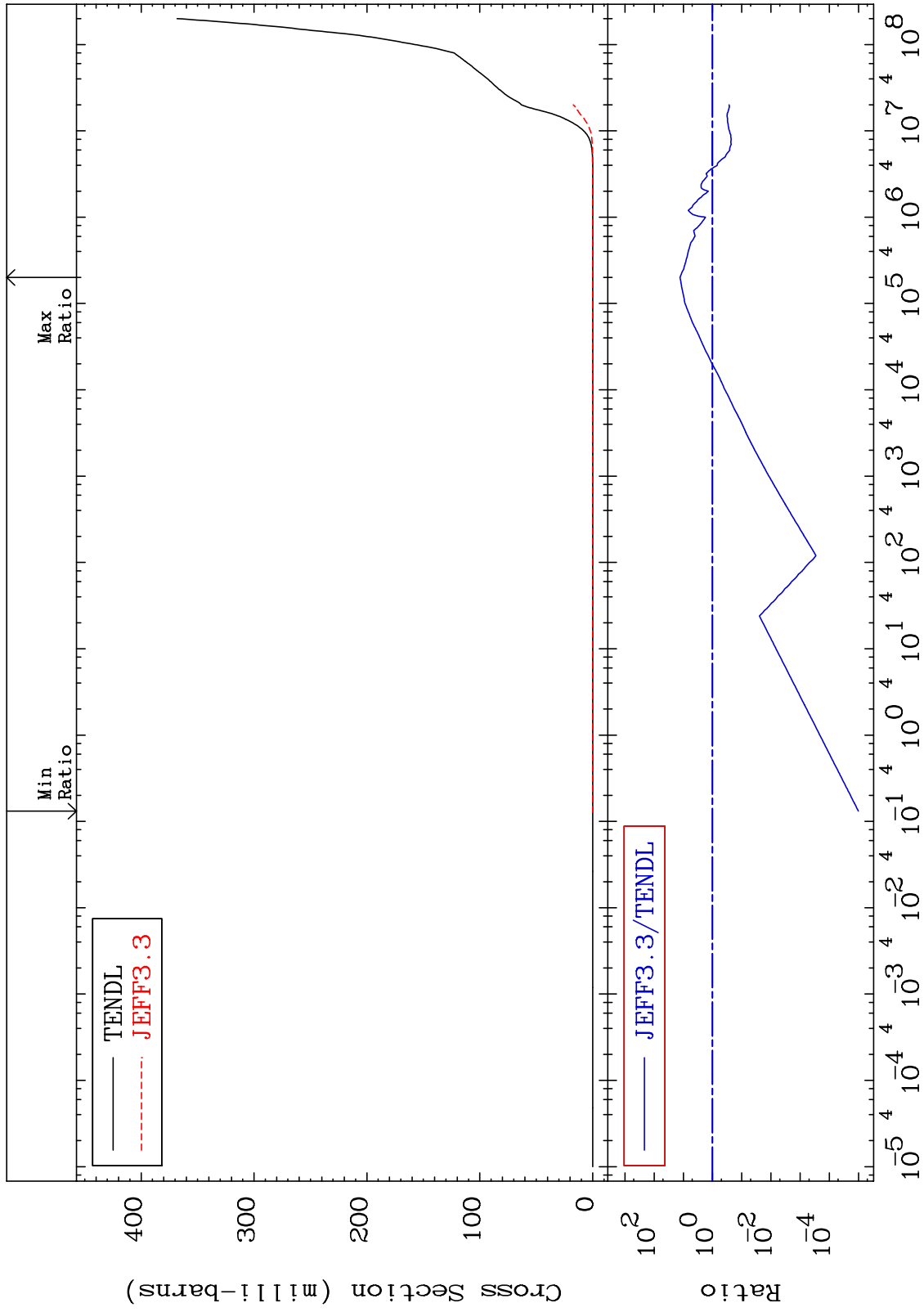
Incident Energy (eV)

48-Cd-108

MAT 4831

He-4 Production
Cross Section

48-Cd-108
-100.0 To 1200. %



31

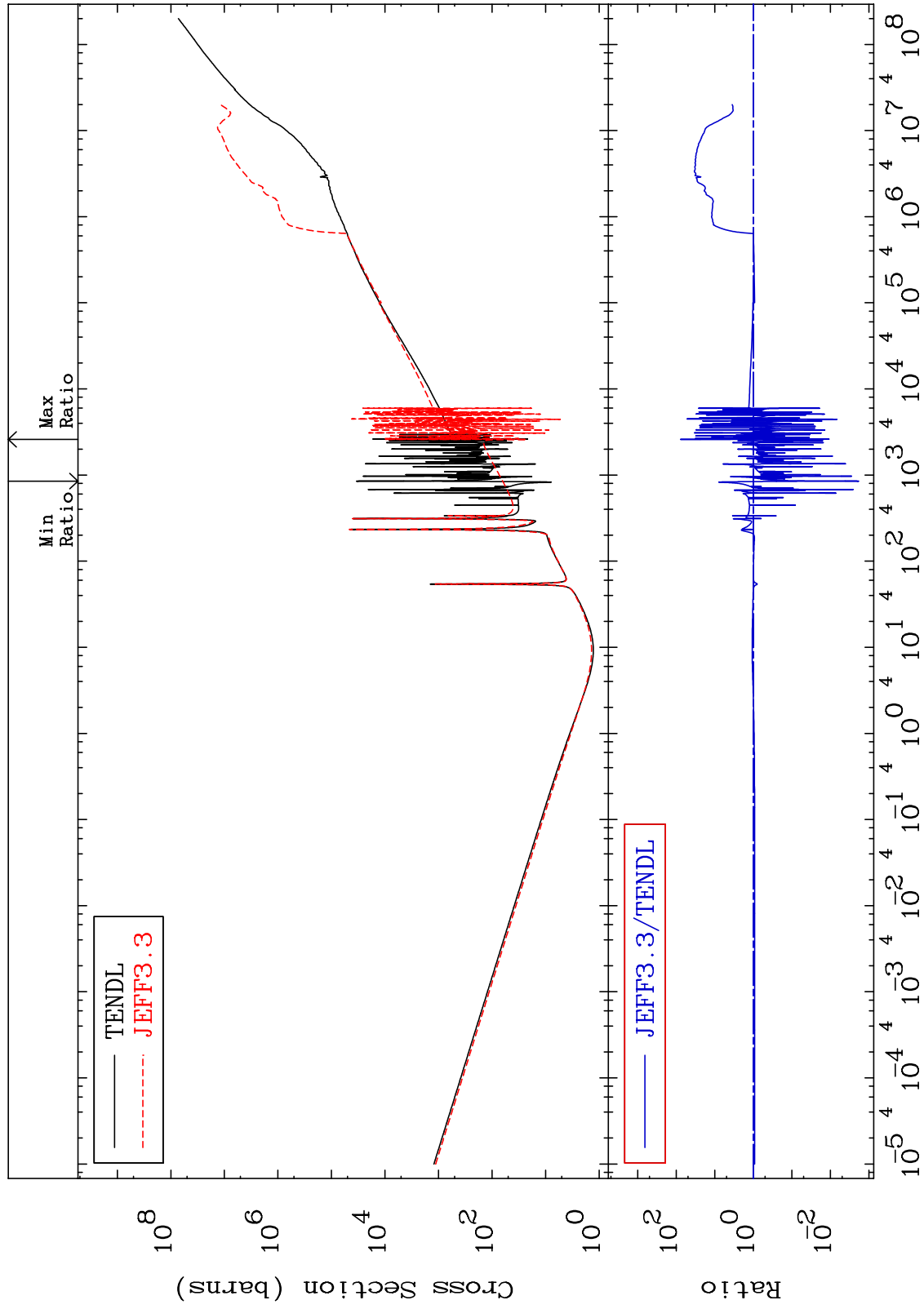
Incident Energy (eV)

48-Cd-108

MAT 4831

Kerma total (eV-barns)
Cross Section

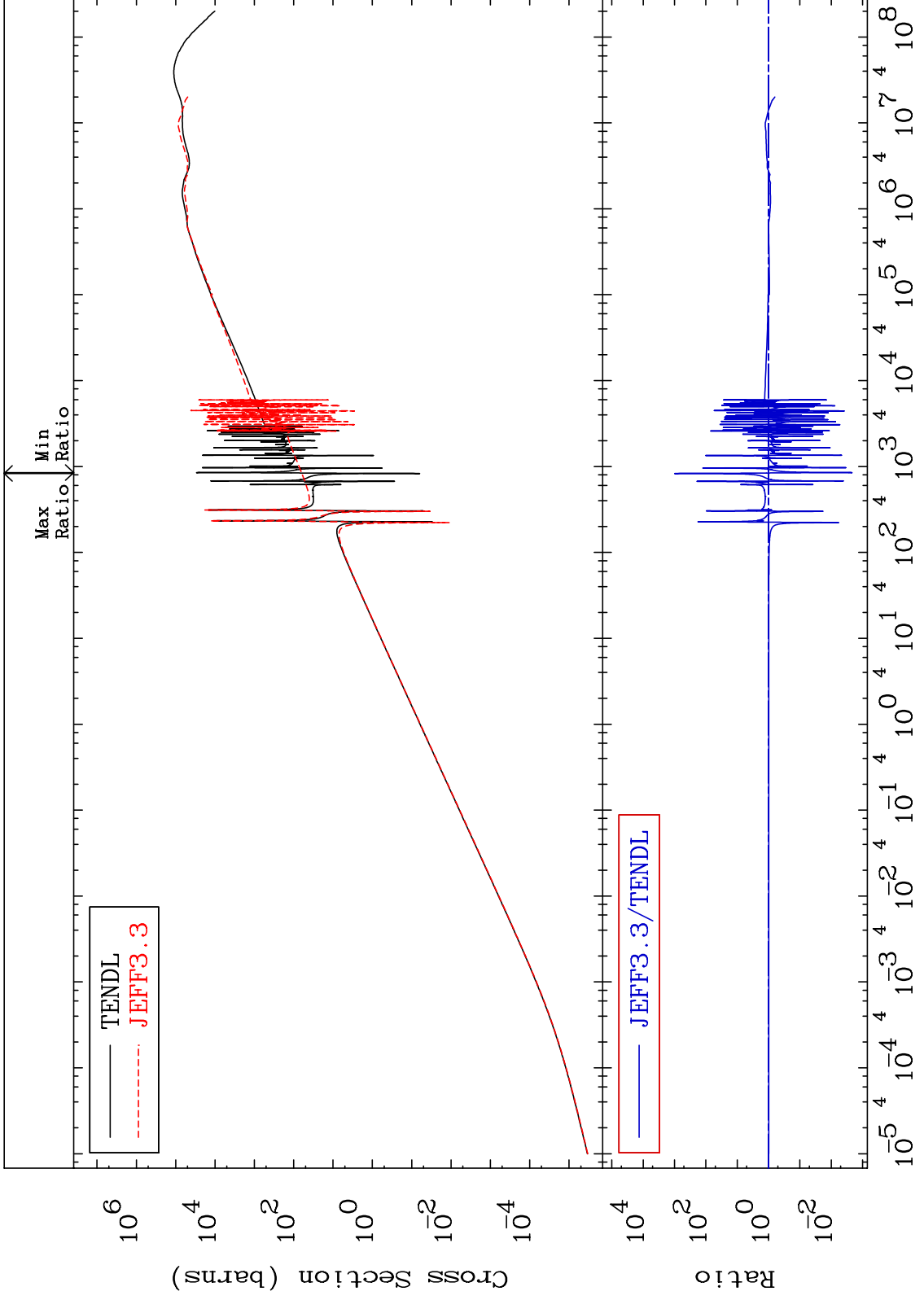
48-Cd-108
-99.81 To 7725. %



MAT 4831

Kerma elastic
Cross Section

48-Cd-108
-99.79 To 9999. %

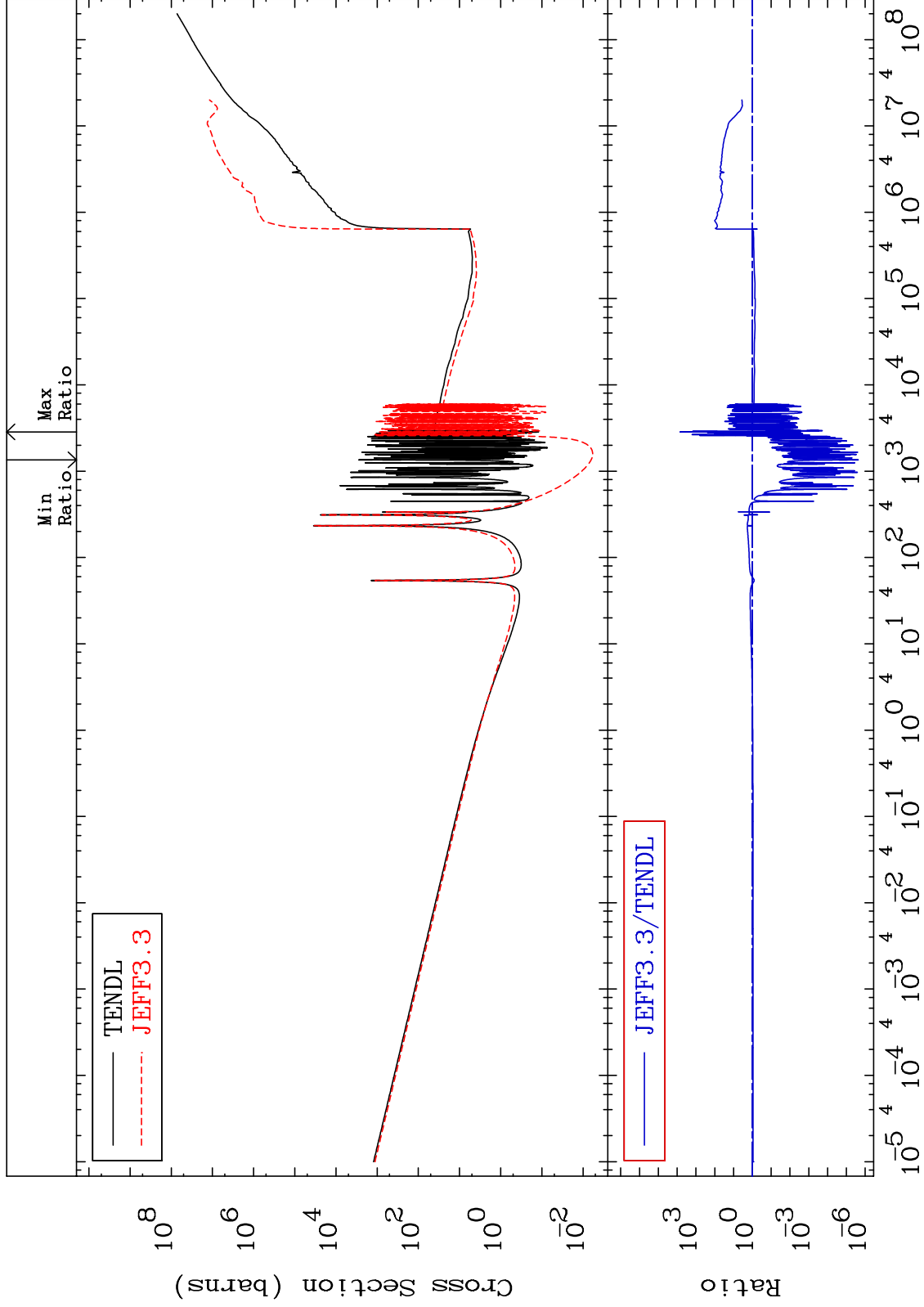


MAT 4831

Kerma non-elastic (all but mt2)
Cross Section

48-Cd-108

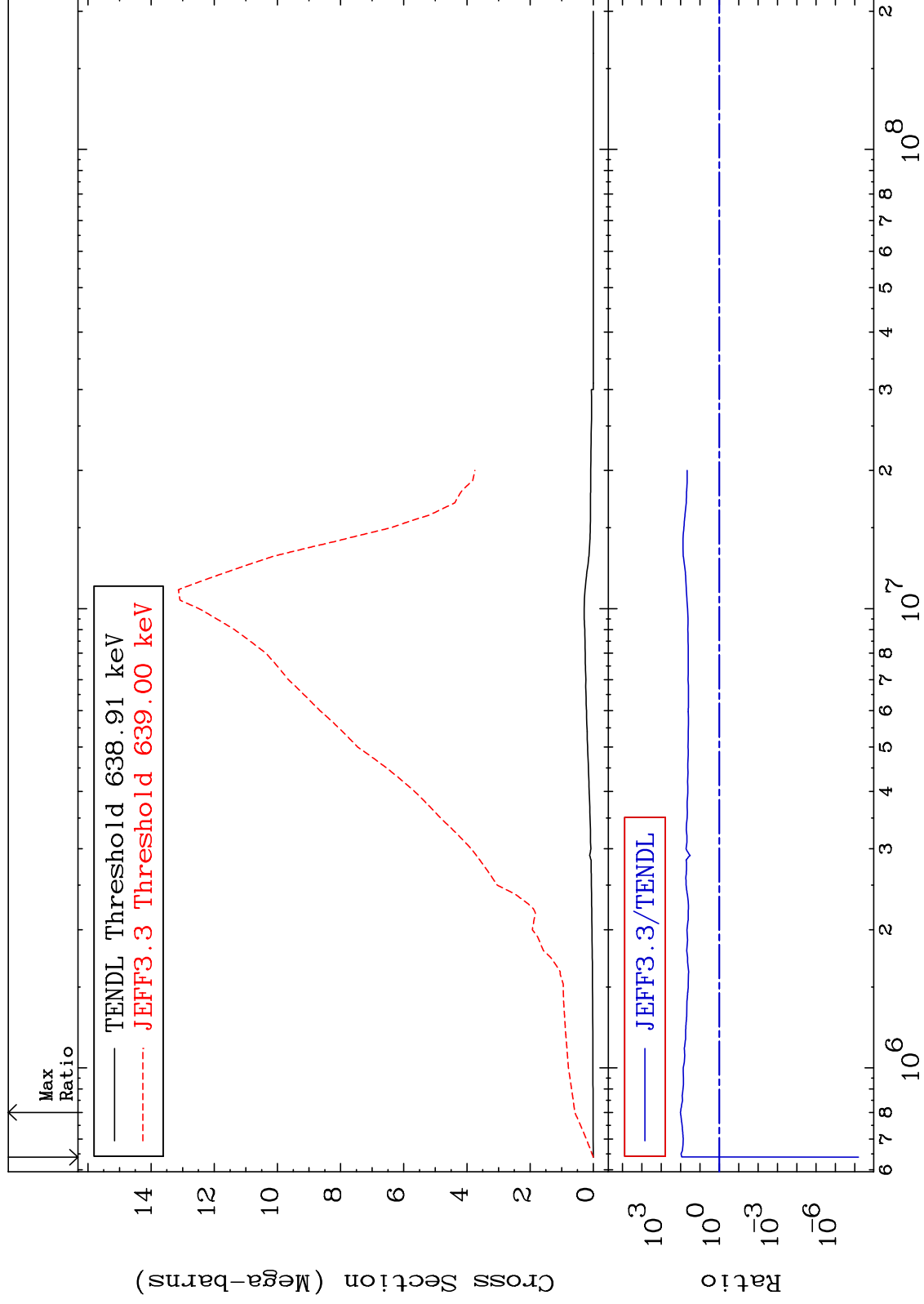
-100.0 To 9999. %



MAT 4831

Kerma inelastic (mt51-91)
Cross Section

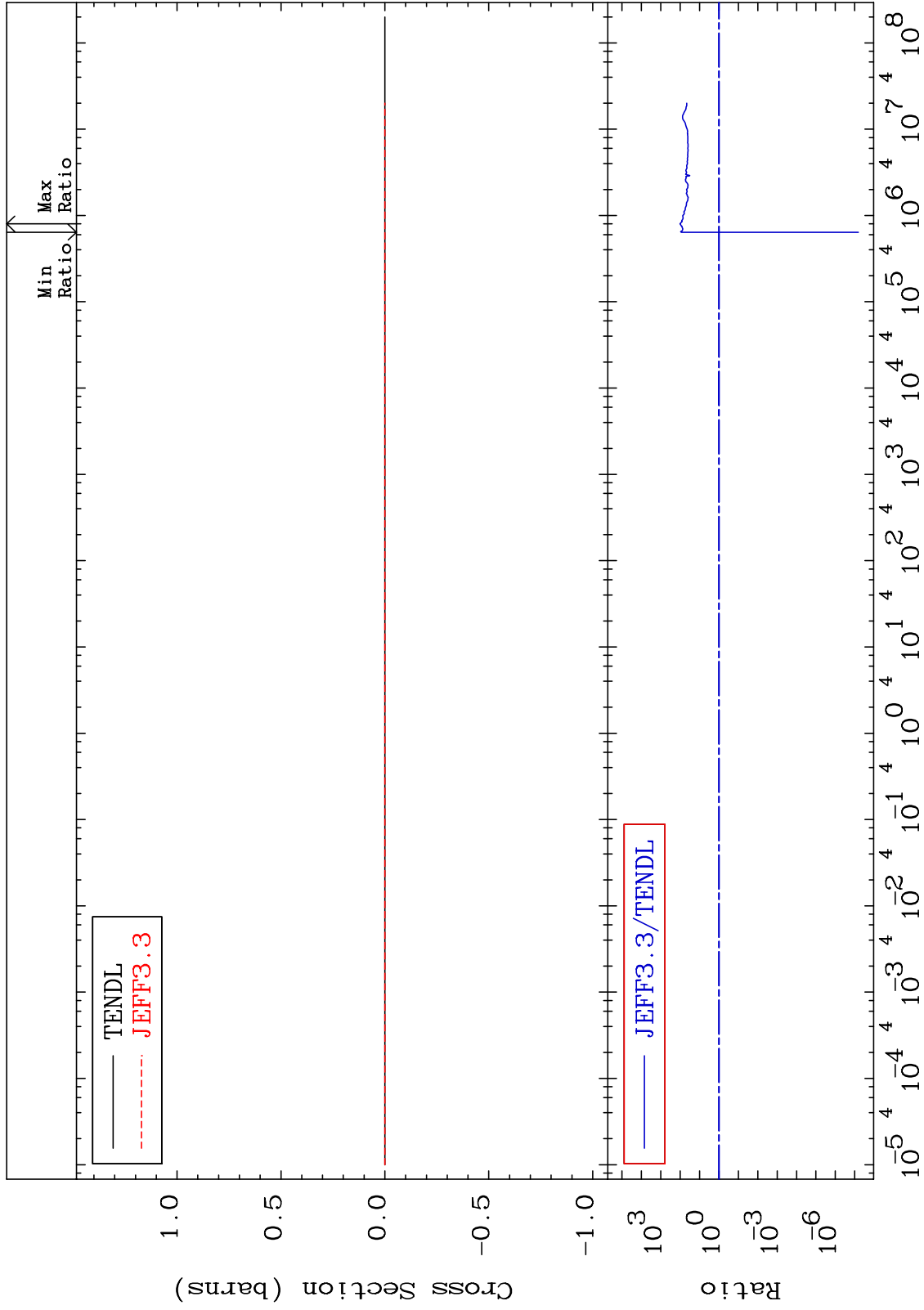
48-Cd-108
-100.0 To 9999. %



MAT 4831

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

48-Cd-108
-100.0 To 9999. %



36

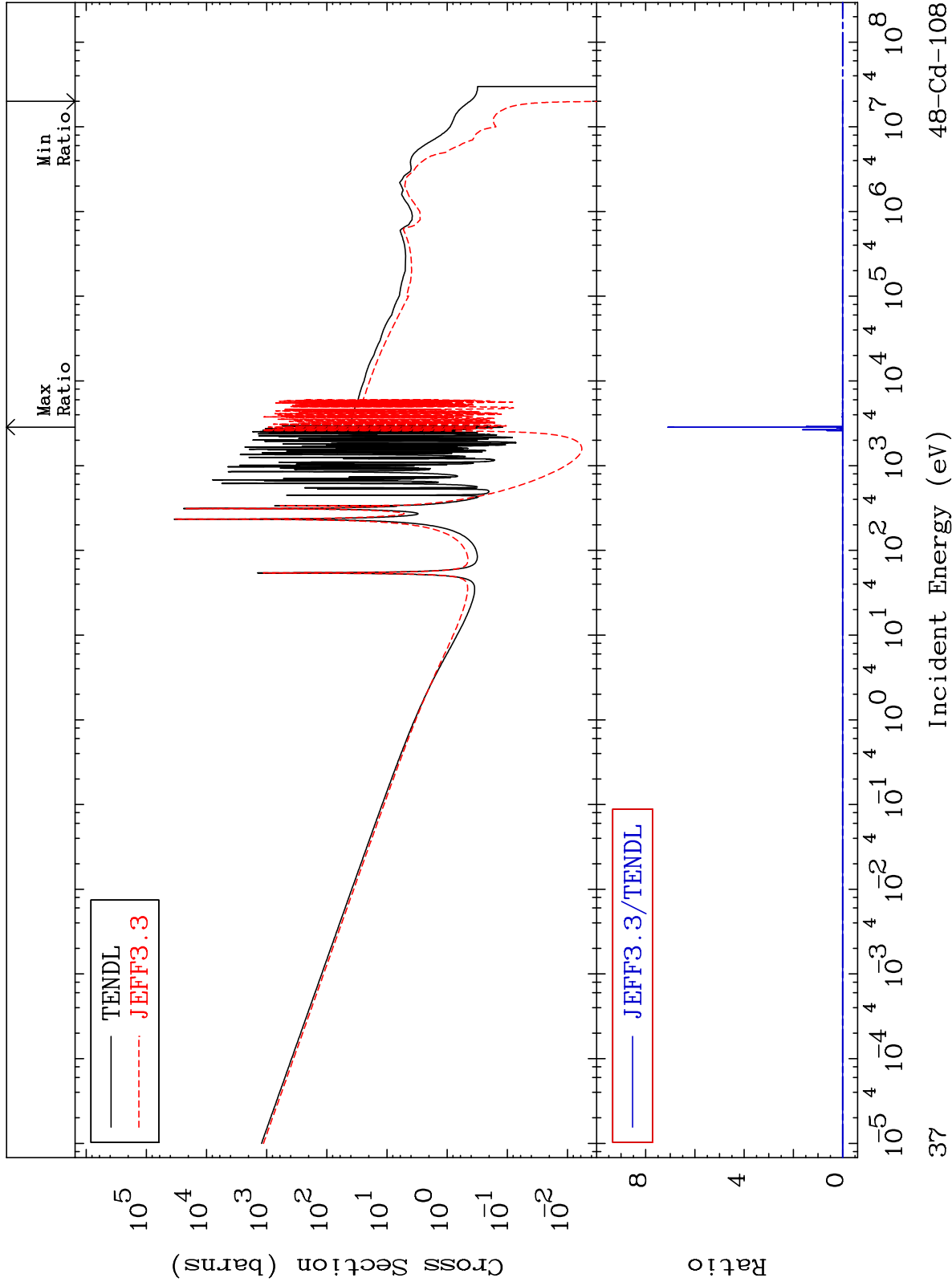
Incident Energy (eV)

48-Cd-108

MAT 4831

Kerma capture (mt102)
Cross Section

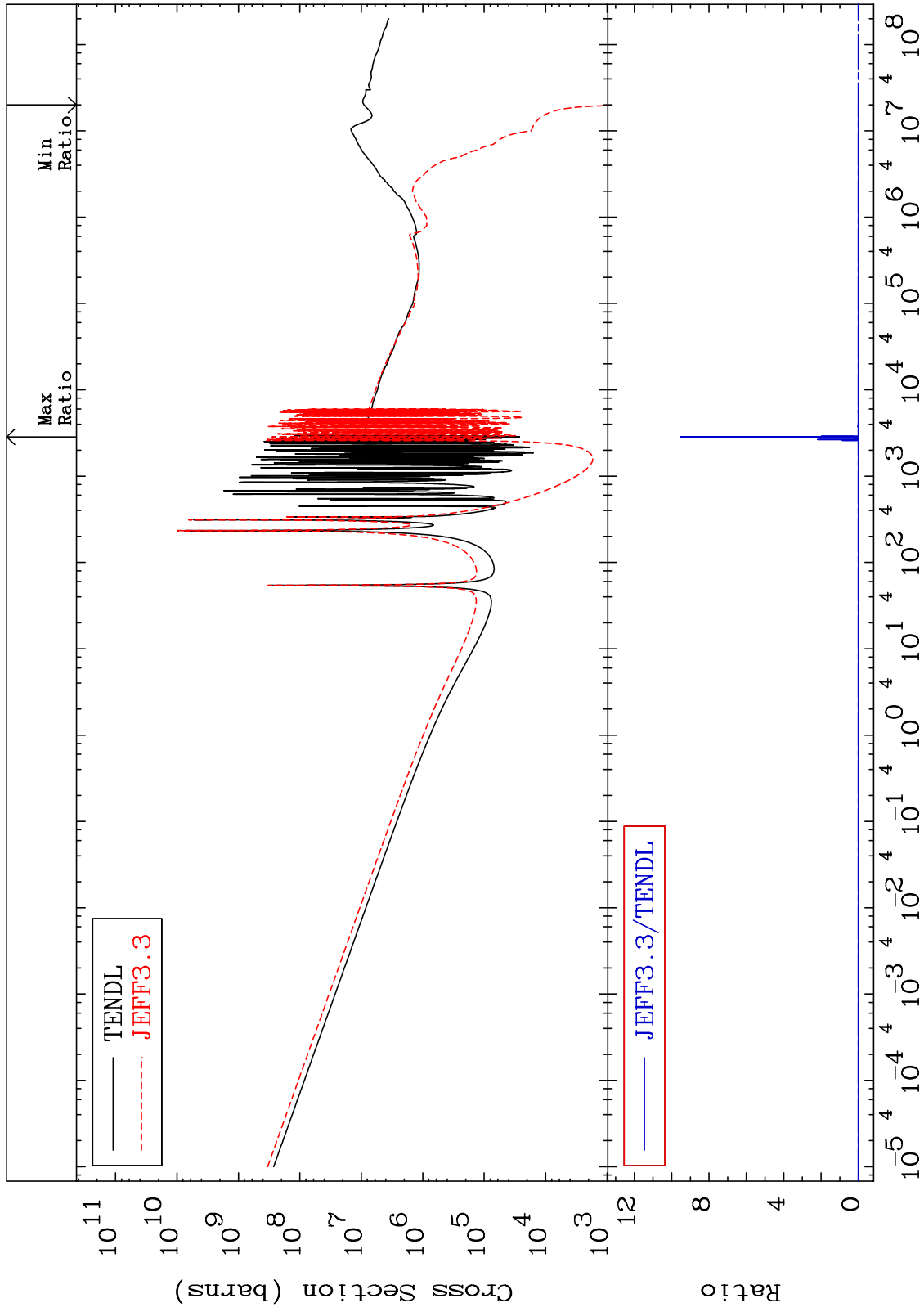
48-Cd-108
-100.0 To 9999. %



MAT 4831

Total photon (eV-barns)
Cross Section

48-Cd-108
-100.0 To 9999. %



38

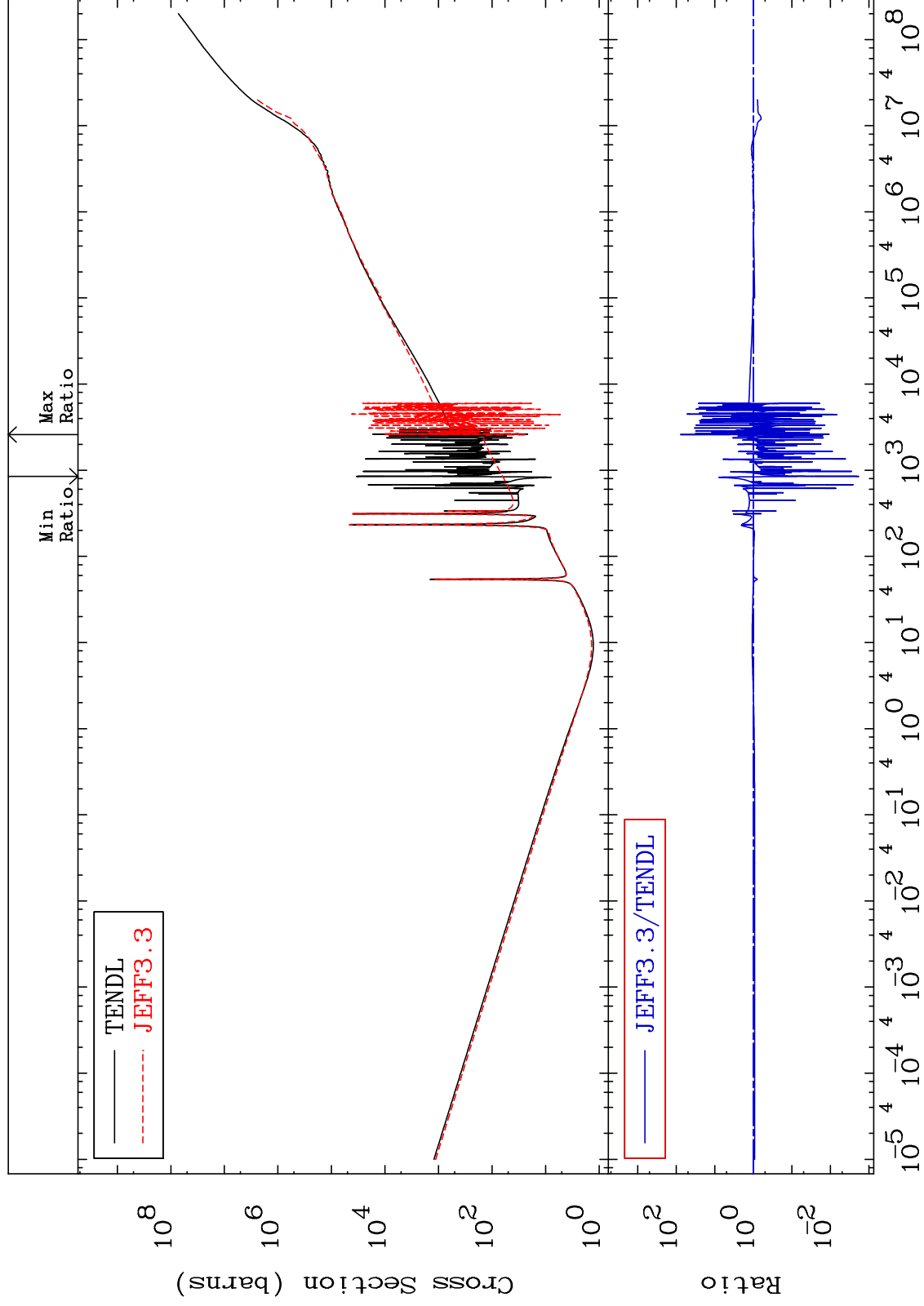
Incident Energy (eV)

48-Cd-108

MAT 4831

Total kinematic kerma (high limit)
Cross Section

48-Cd-108
-99.81 To 7725. %



39

Incident Energy (eV)

48-Cd-108

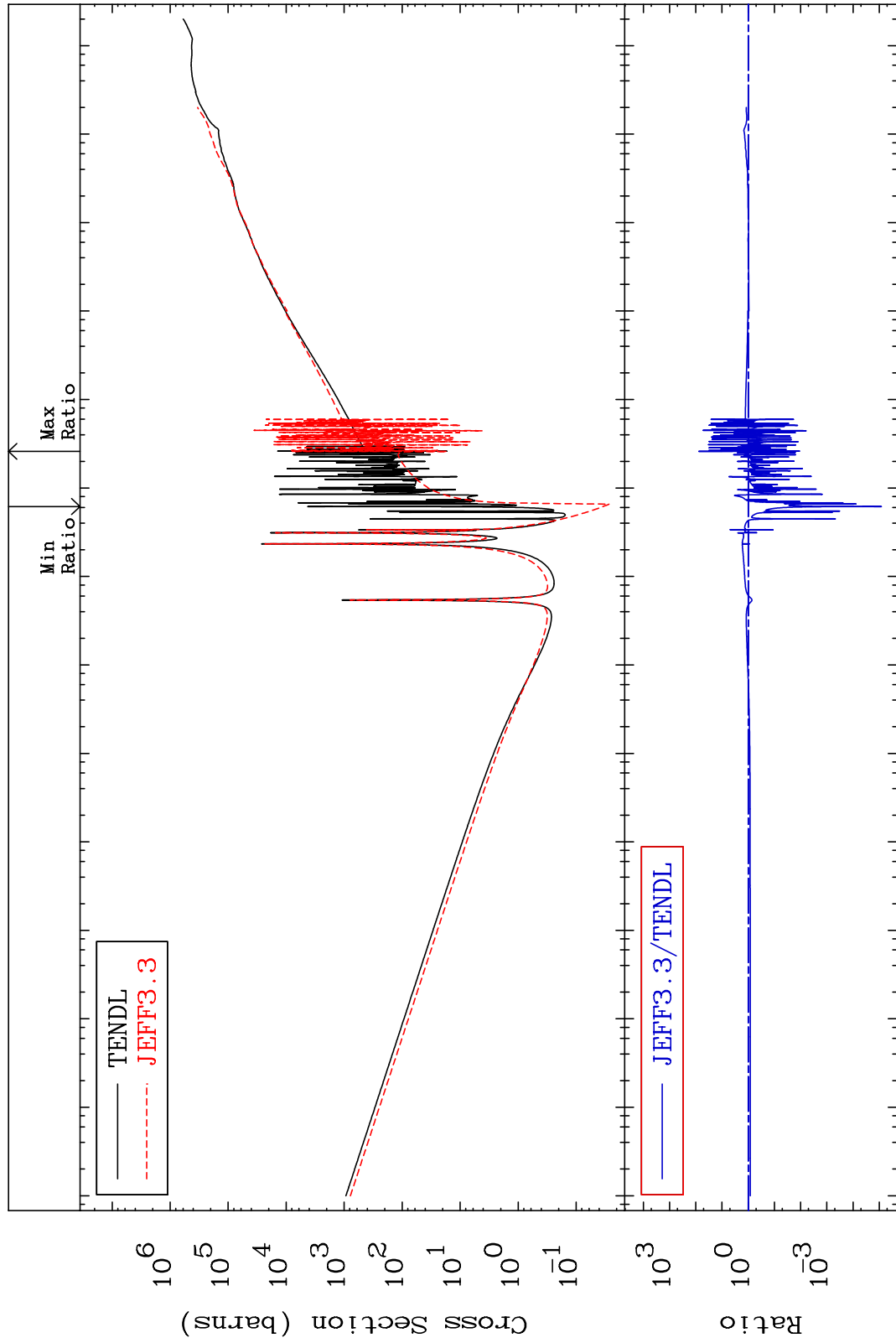
MAT 4831

Dpa total (eV-barns)

48-Cd-108

-100.0 To 7611. %

Cross Section

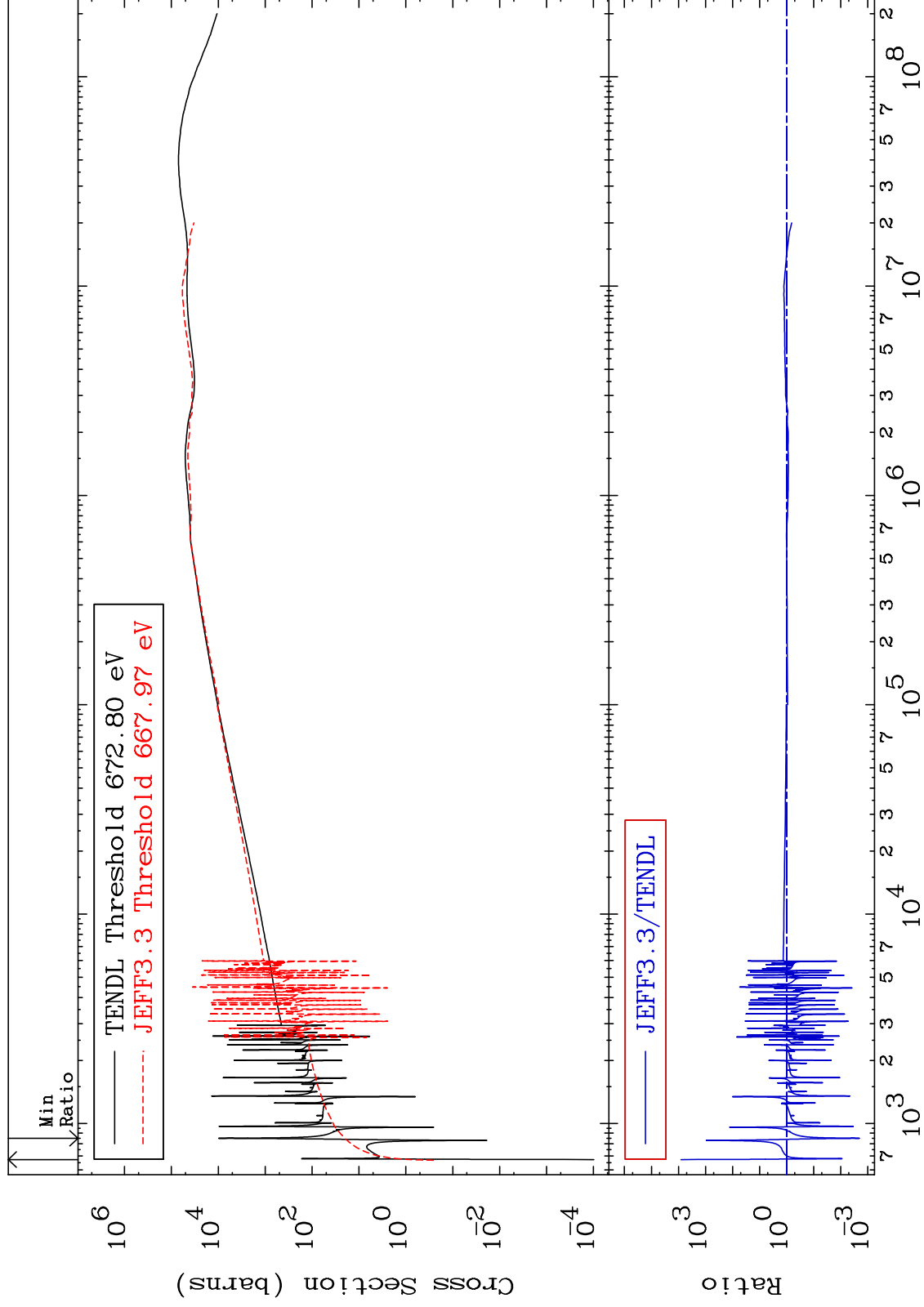


Incident Energy (eV) 48-Cd-108

MAT 4831

Dpa elastic (mt2)
Cross Section

48-Cd-108
-99.80 To 9999. %



41

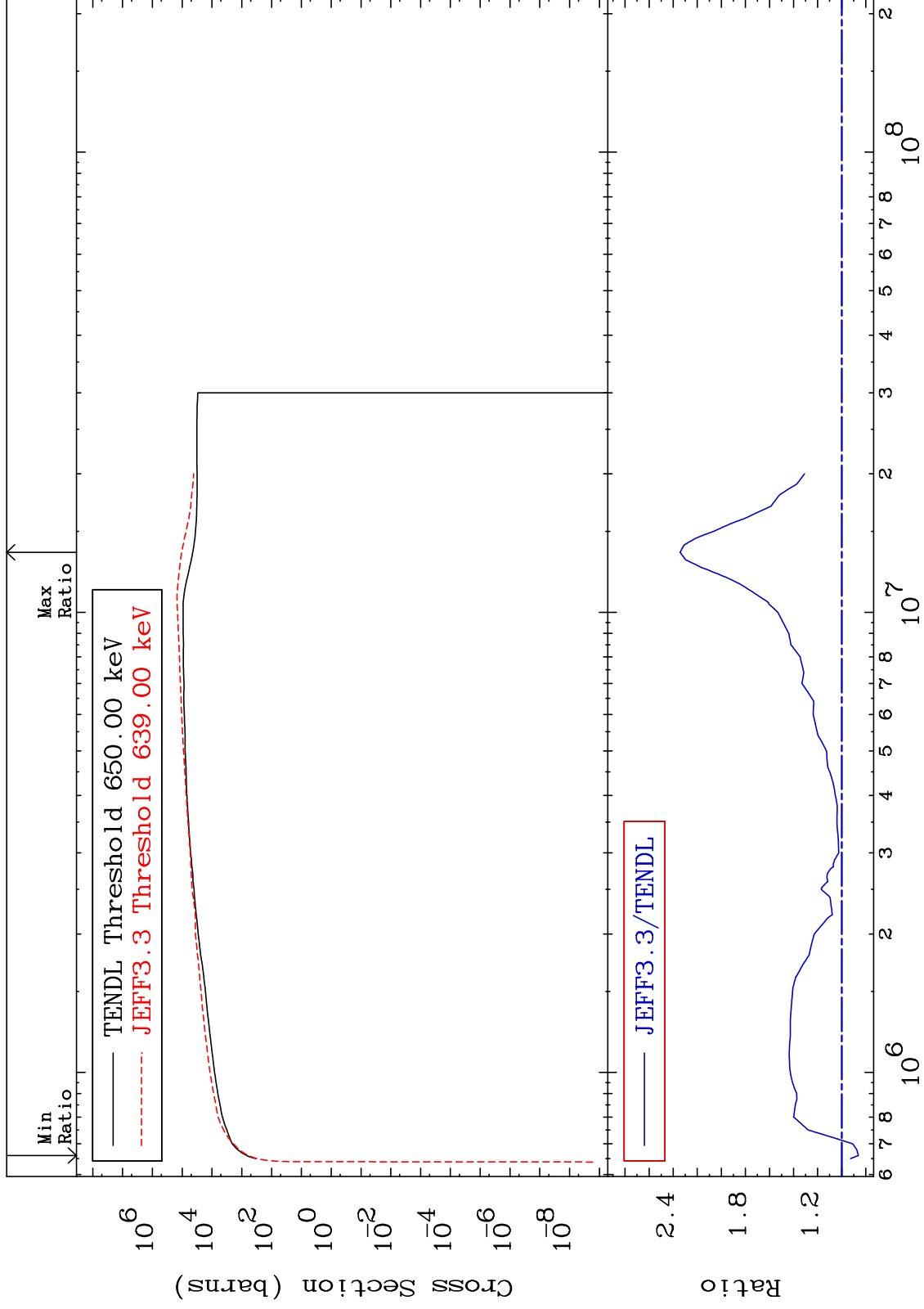
48-Cd-108

48-Cd-108

MAT 4831

Dpa inelastic (mt51-91)
Cross Section

48-Cd-108
-13.87 To 134.3 %



42

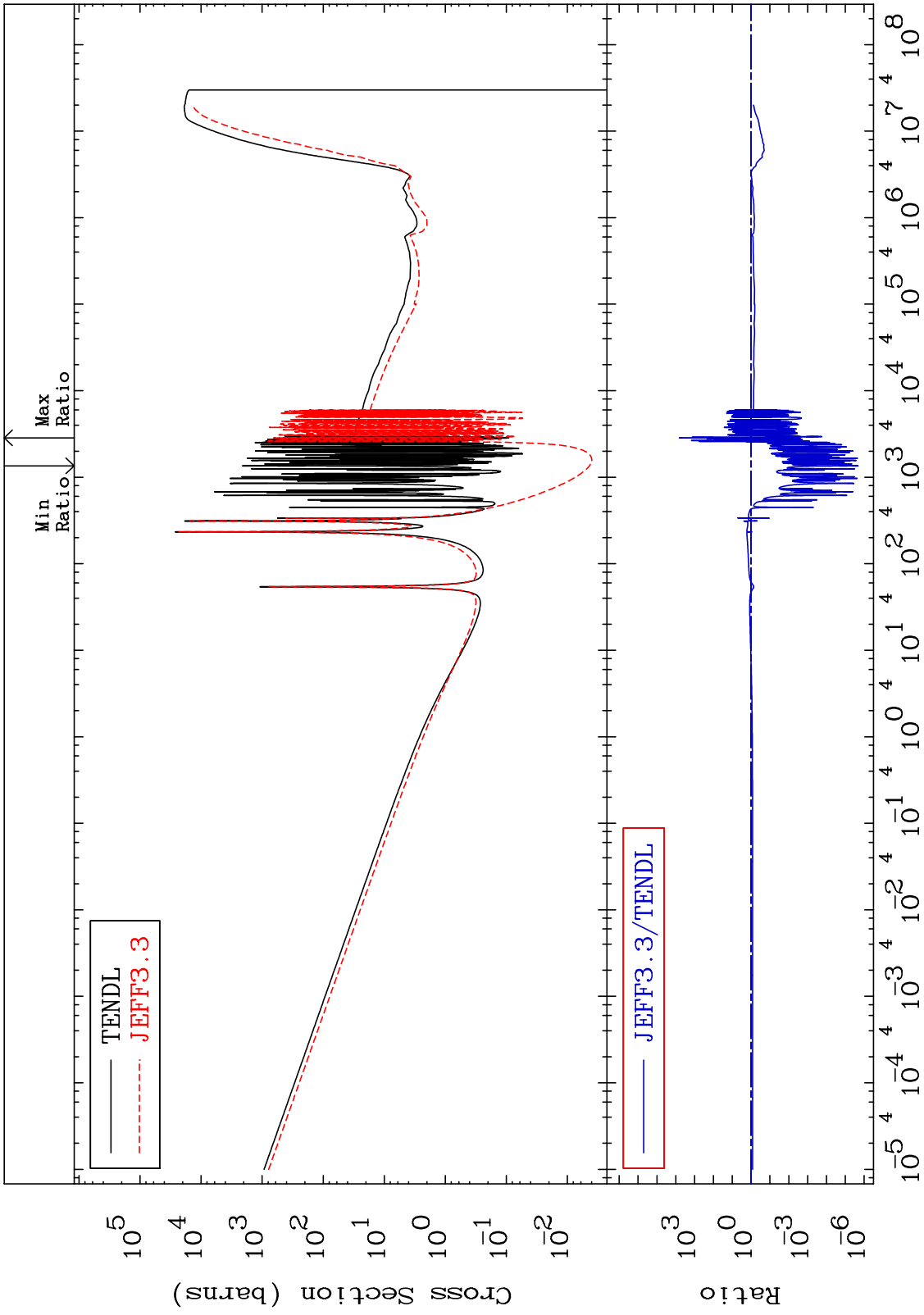
Incident Energy (eV)

48-Cd-108

MAT 4831

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-108
-100.0 To 9999. %



43

Incident Energy (eV)

48-Cd-108