

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

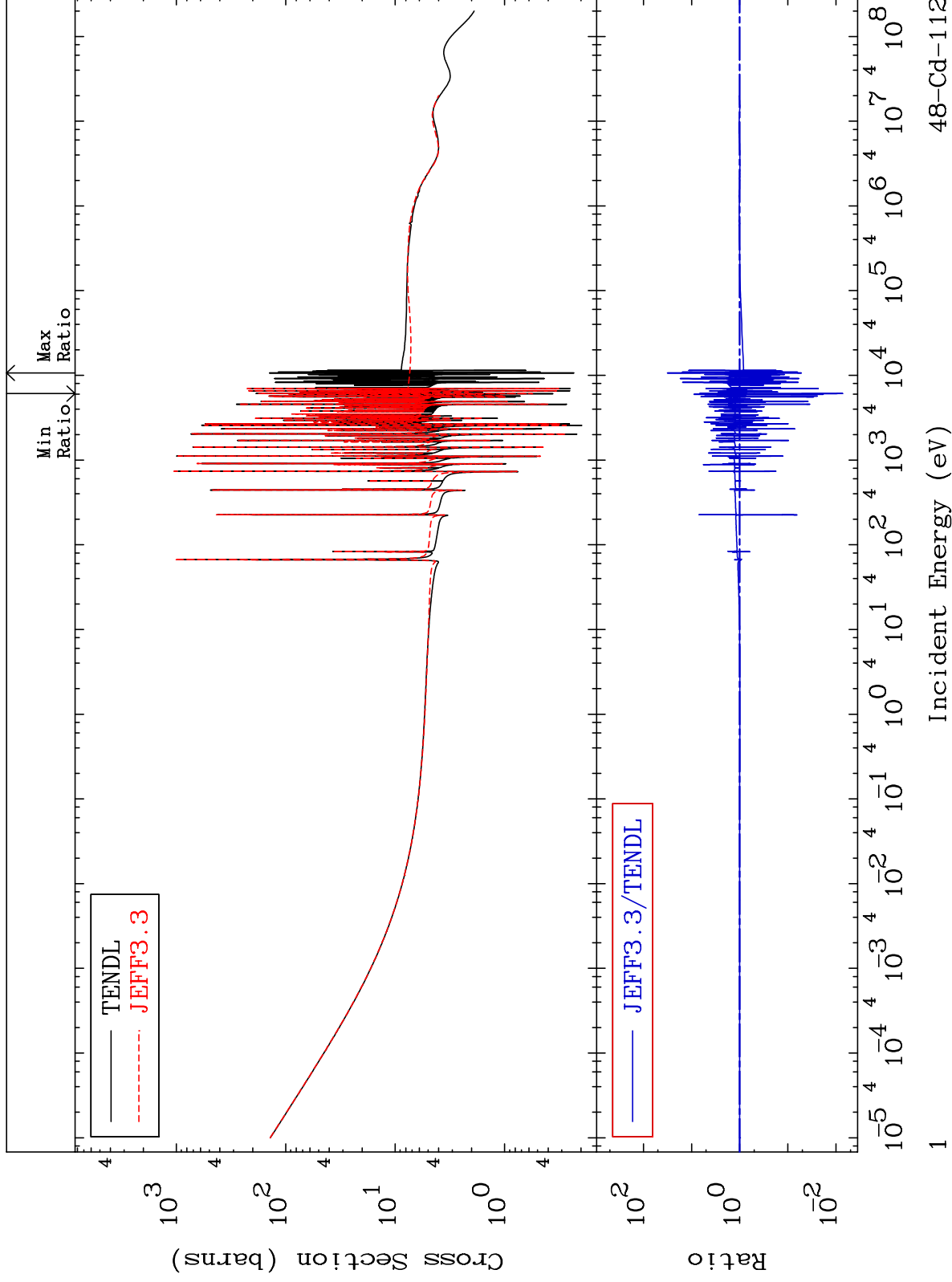
MAT 4843

Total

48-Cd-112

Cross Section

-99.27 To 3056. %

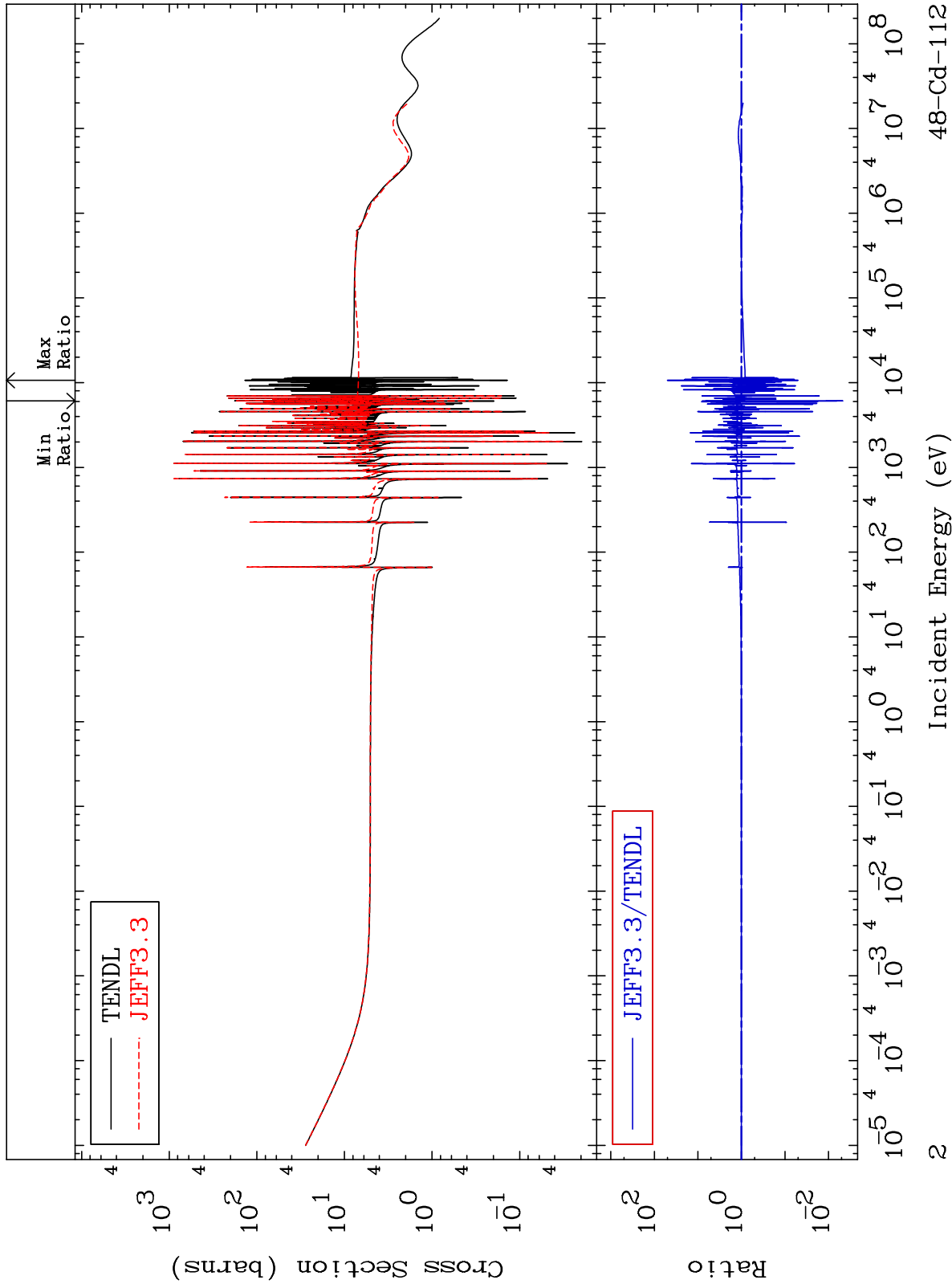


48-Cd-112

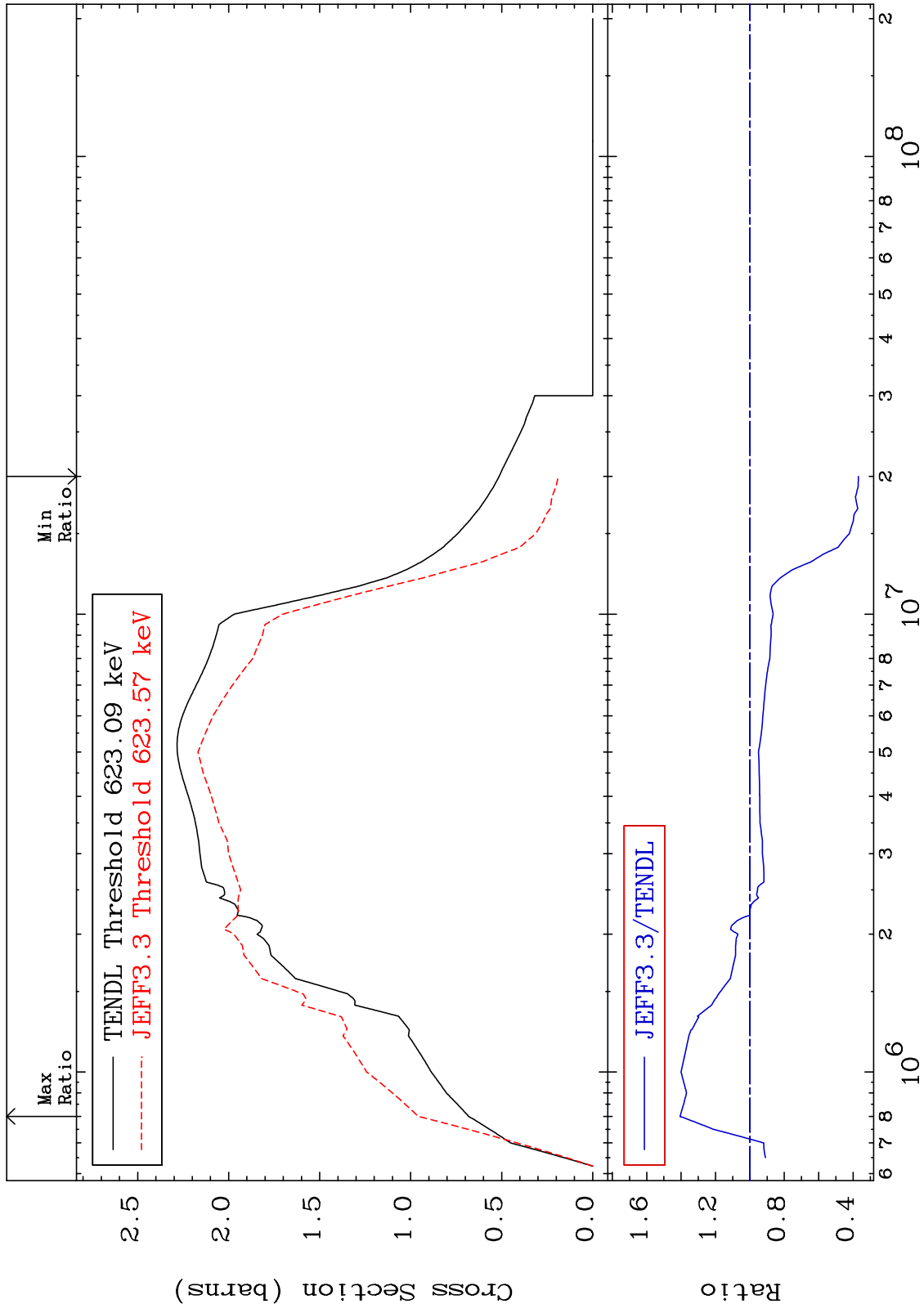
MAT 4843

Elastic
Cross Section

48-Cd-112
-99.53 To 4878. %



MAT 4843 Inelastic Cross Section 48-Cd-112 -63.10 To 40.62 %



3 Incident Energy (eV) 48-Cd-112

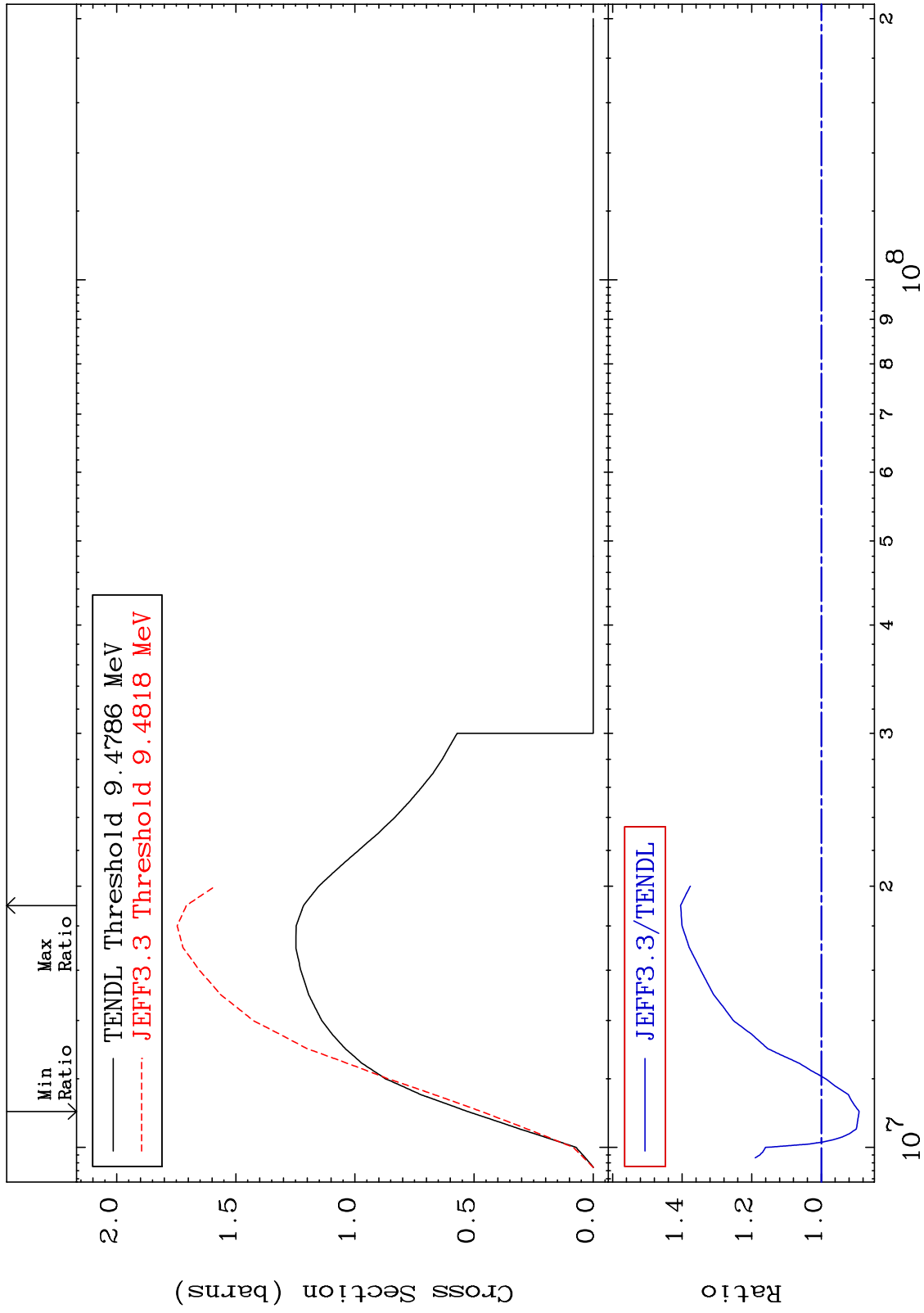
MAT 4843

(n,2n)

48-Cd-112

Cross Section

-10.89 To 40.44 %



4

Incident Energy (eV)

48-Cd-112

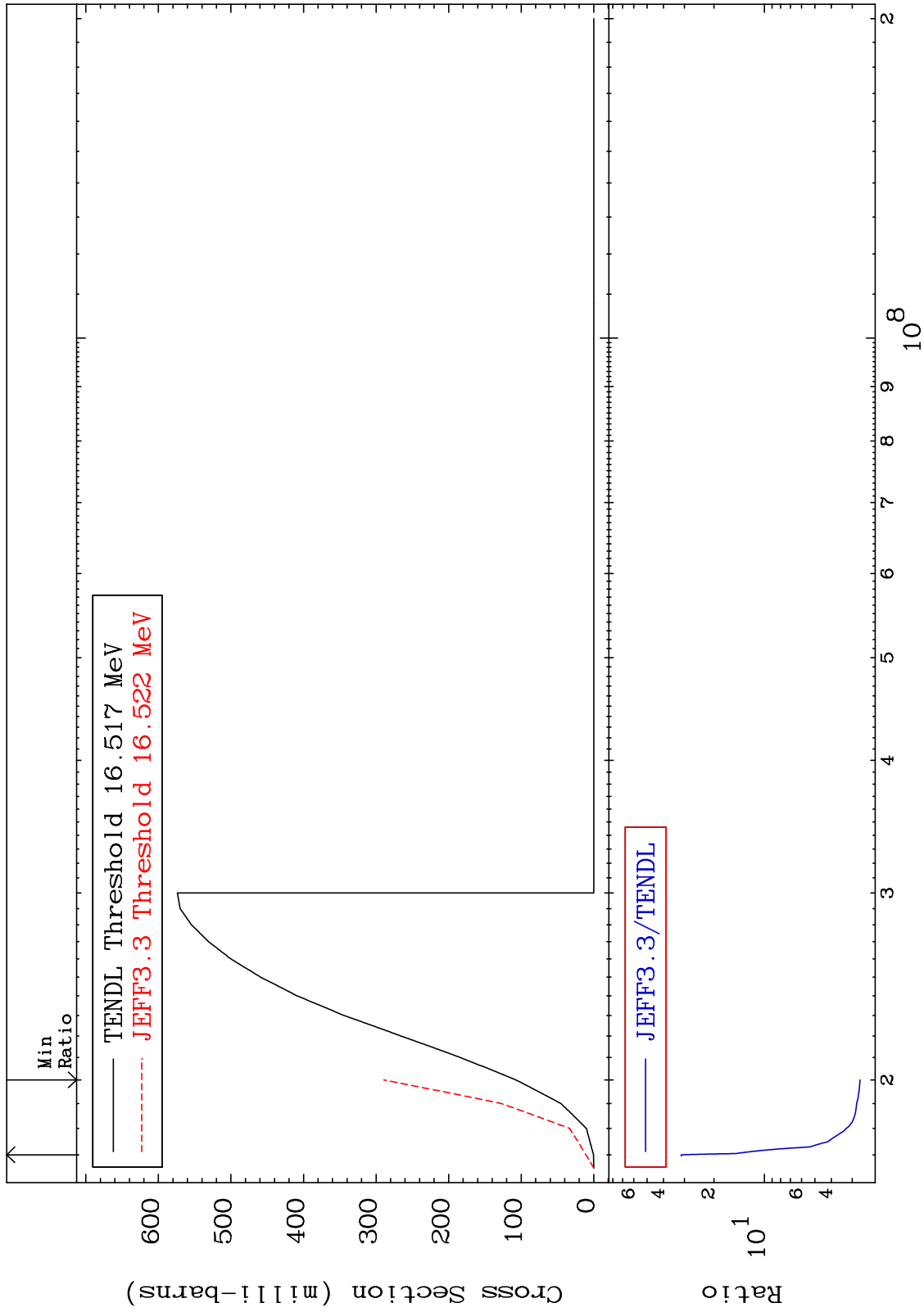
MAT 4843

(n, 3n)

48-Cd-112

Cross Section

169.6 To 3031. %



Incident Energy (eV)

48-Cd-112

5

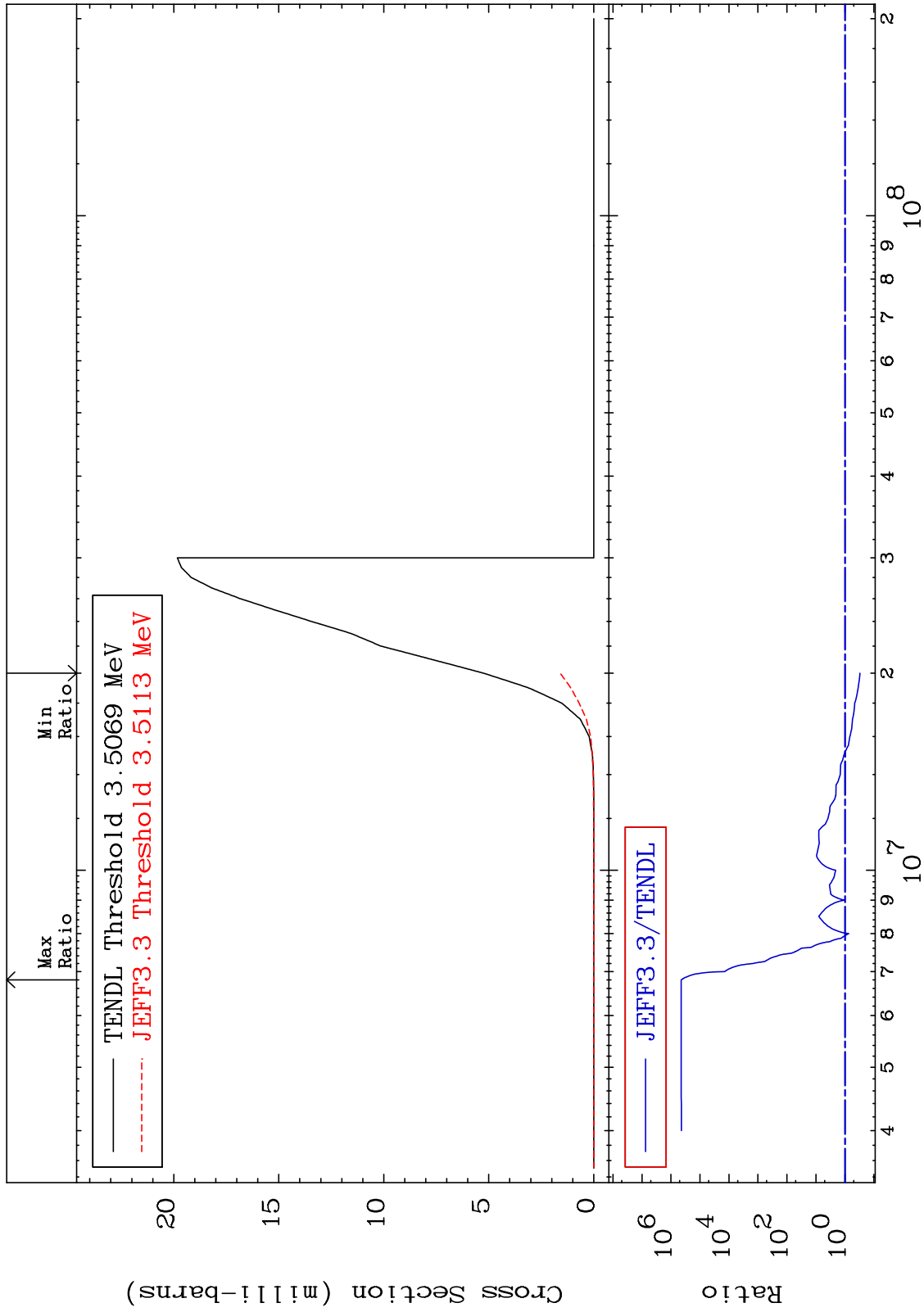
MAT 4843

(n,n') α

48-Cd-112

-69.56 To 9999. %

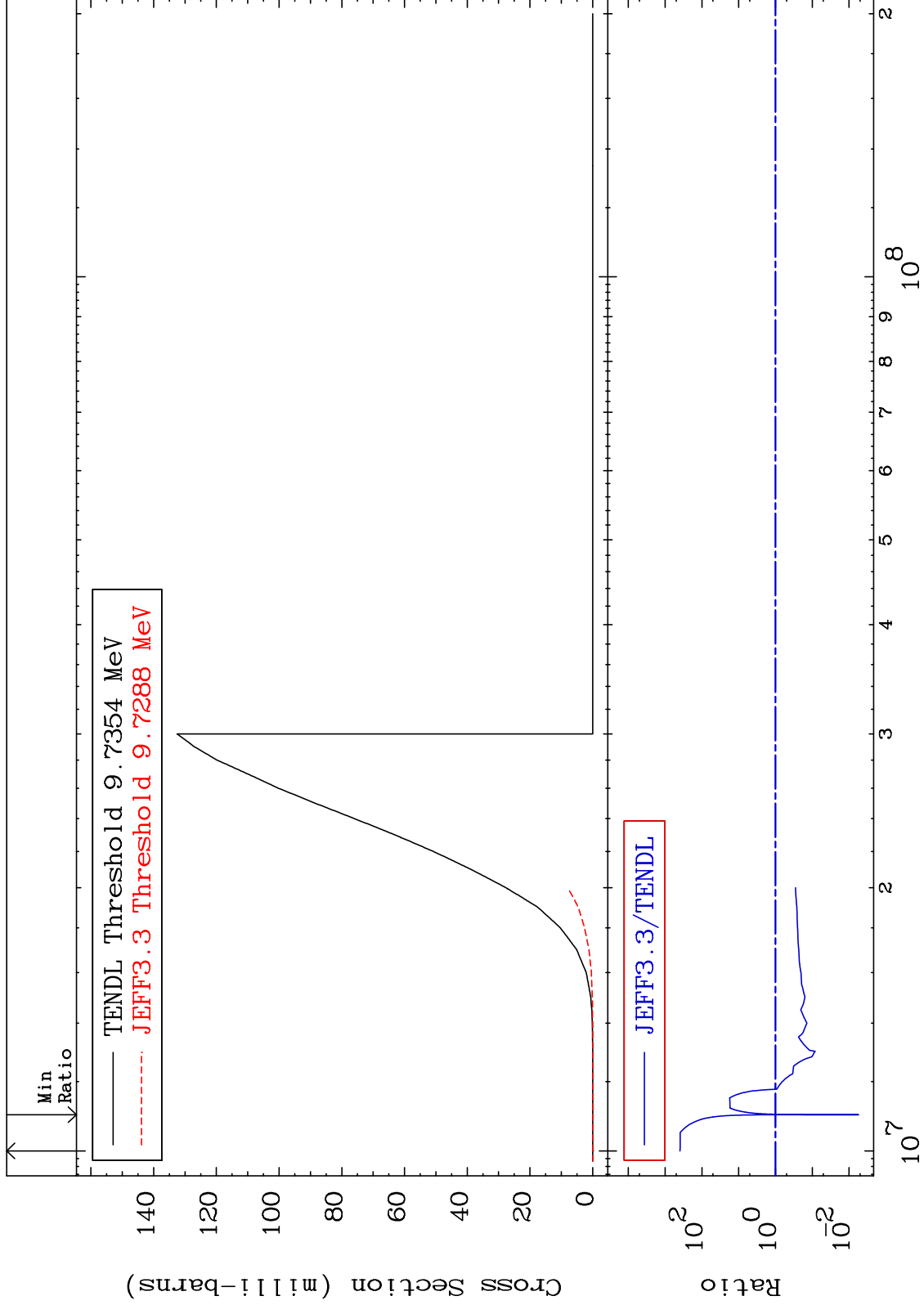
Cross Section



MAT 4843

(n,n') p
Cross Section

48-Cd-112
-99.44 To 9999. %



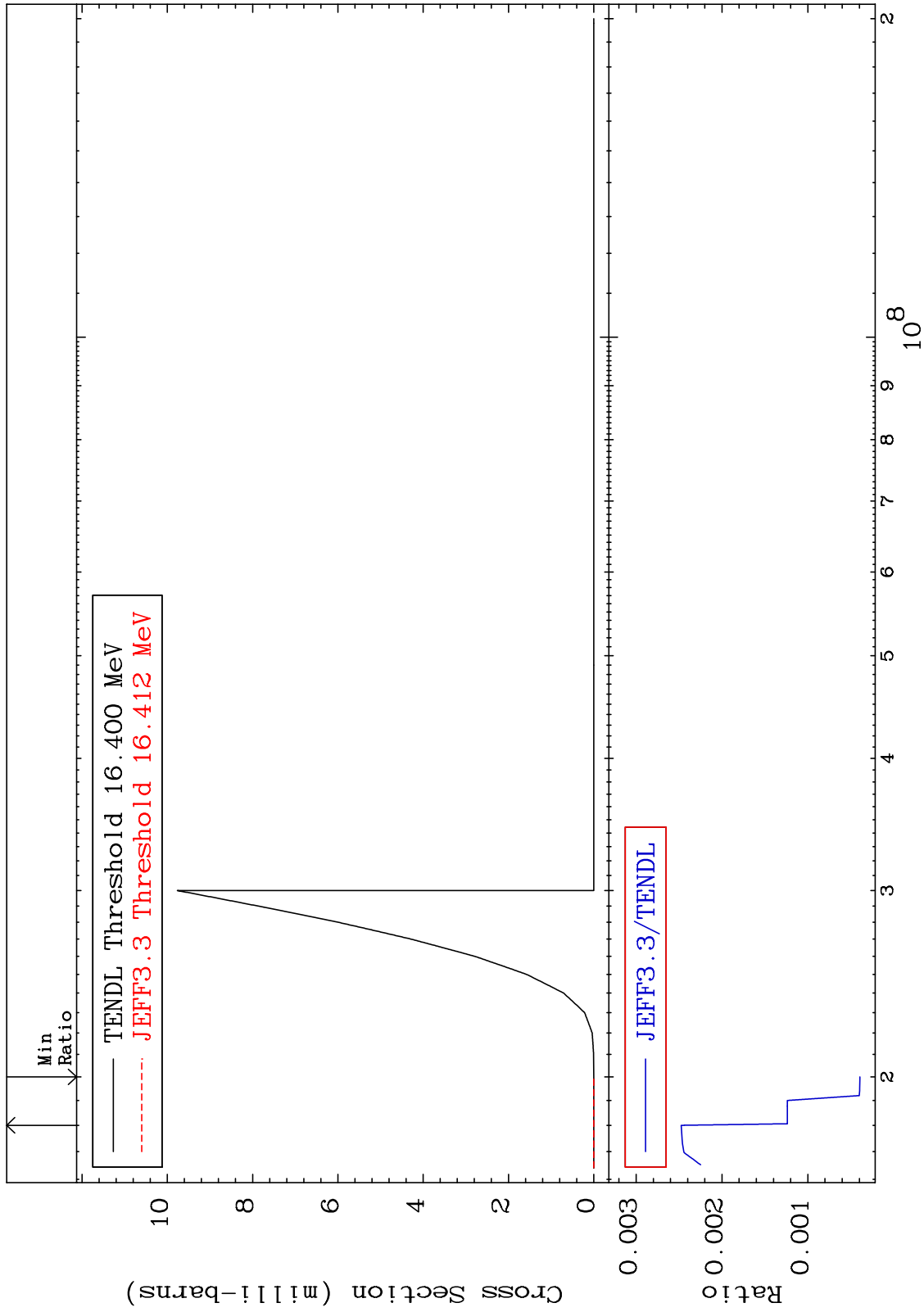
Incident Energy (eV)

48-Cd-112

MAT 4843

(n,n') d
Cross Section

48-Cd-112
-99.96 To -99.75%



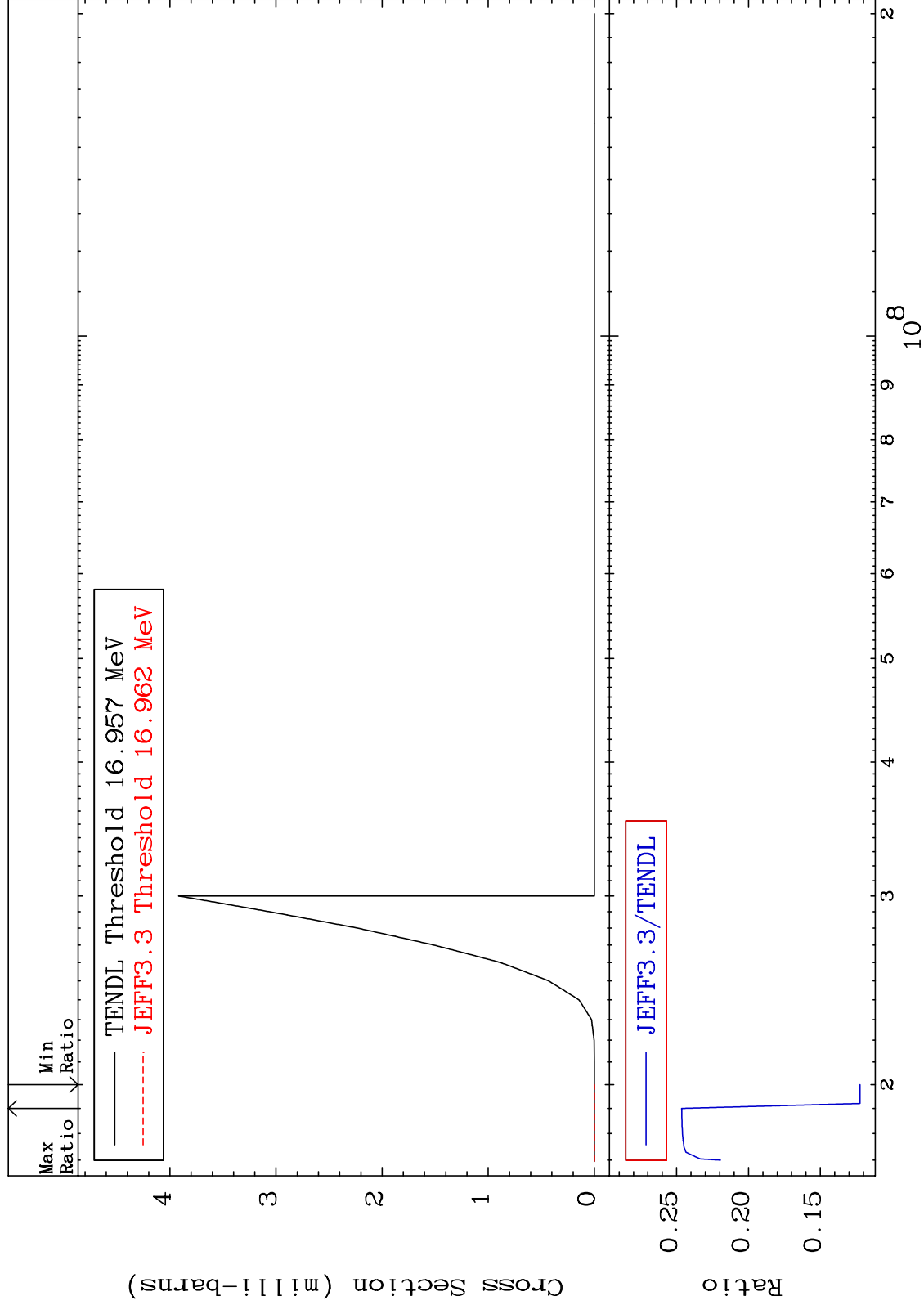
MAT 4843

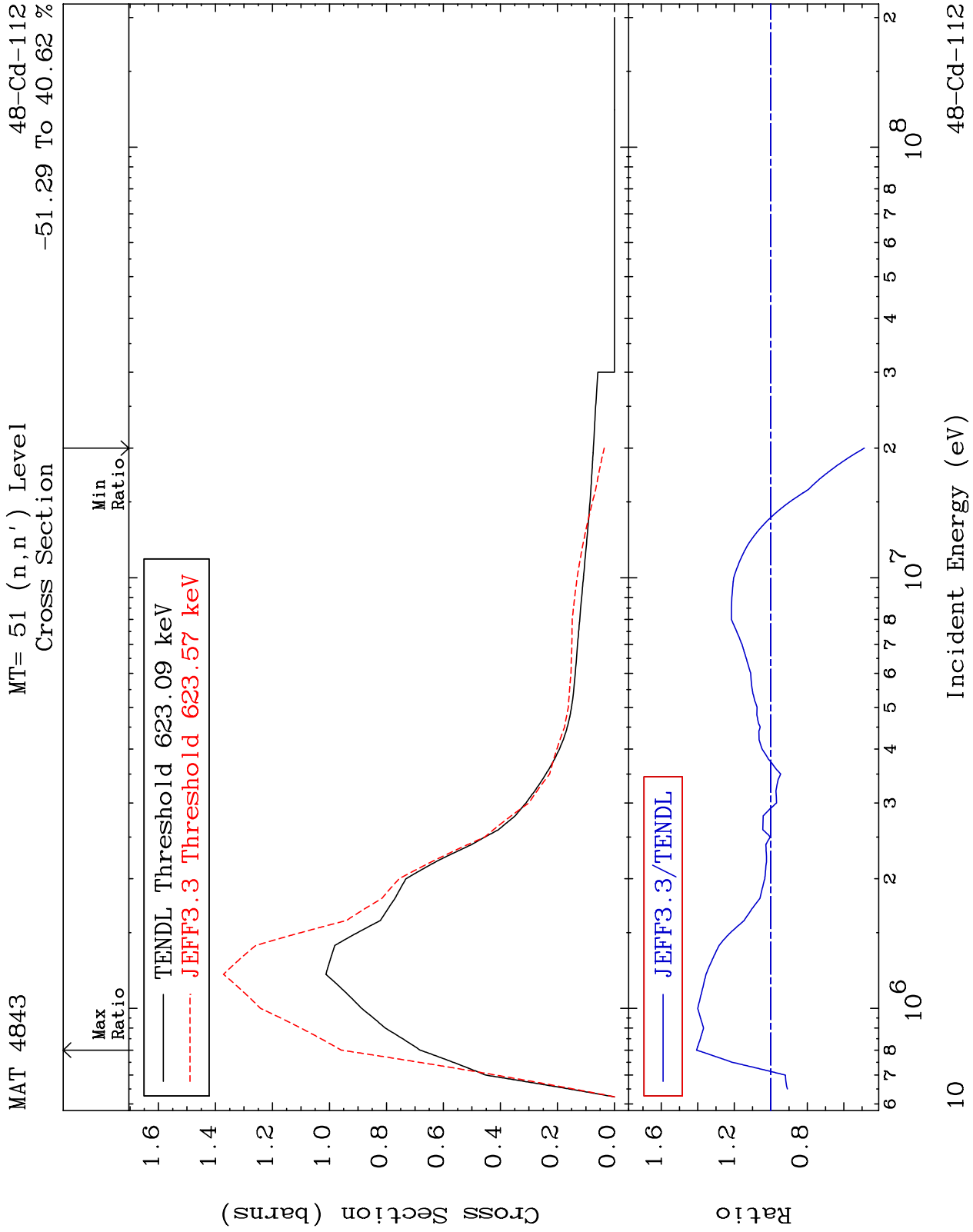
(n,n') t

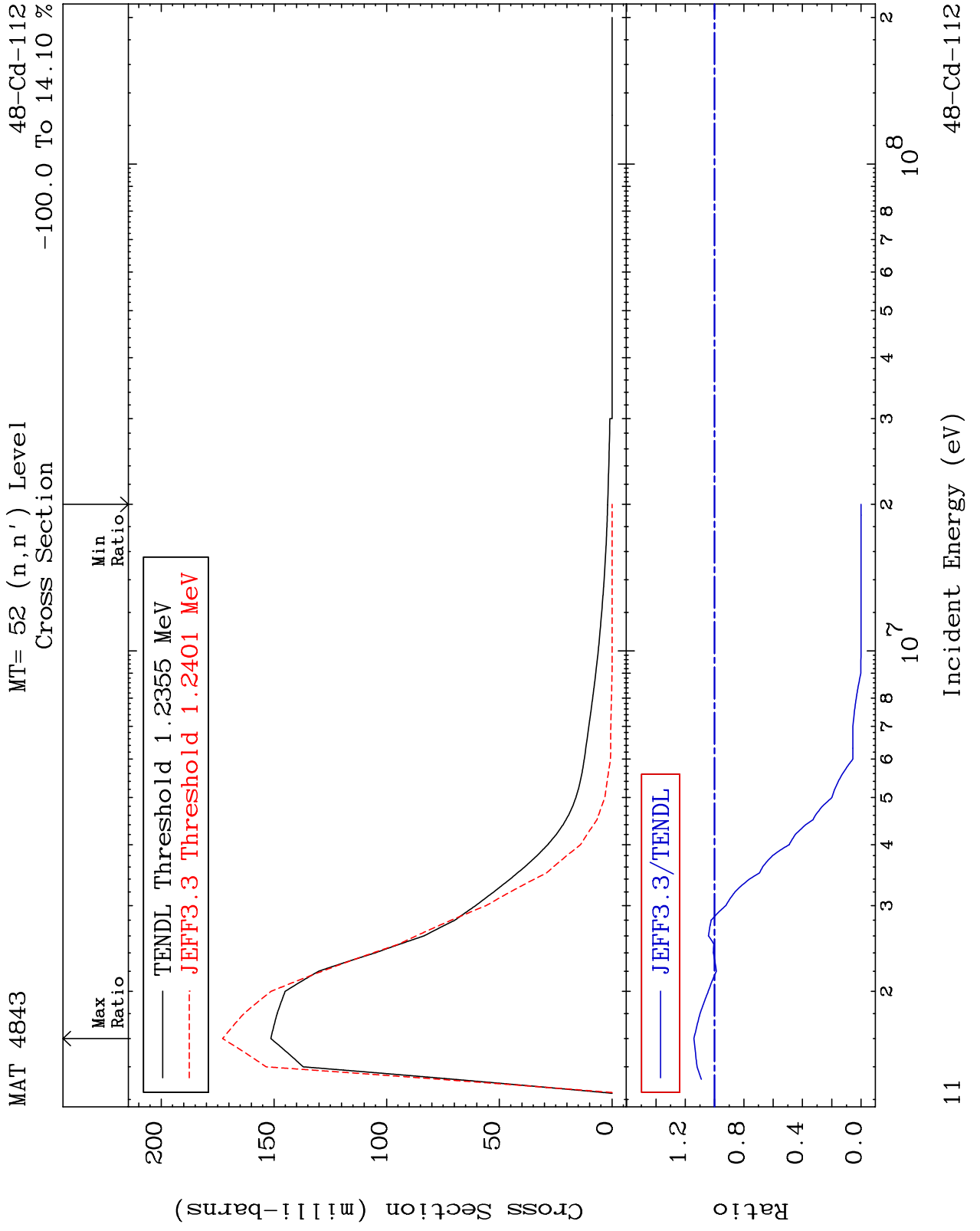
48-Cd-112

Cross Section

-87.76 To -75.35%



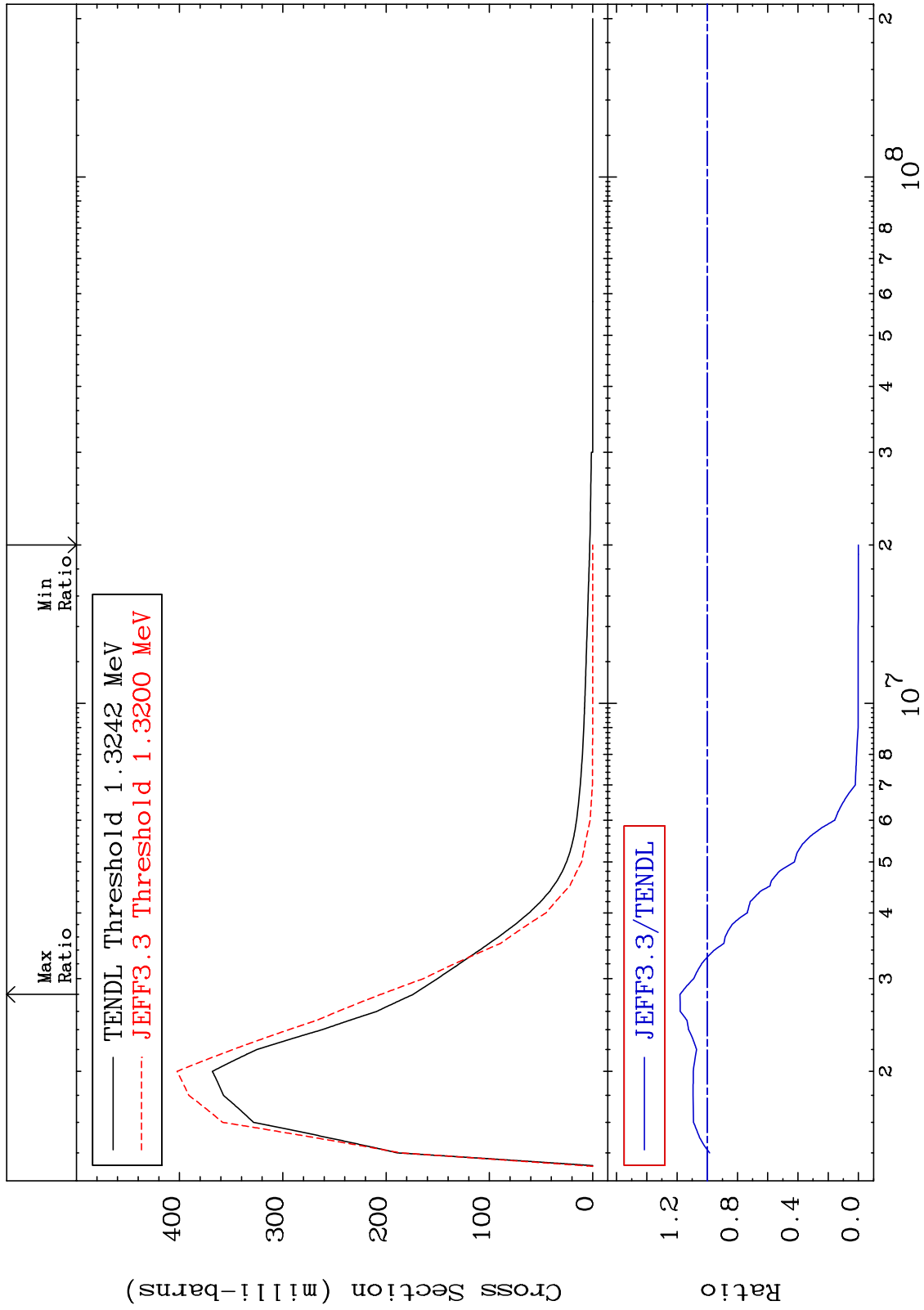




MAT 4843

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

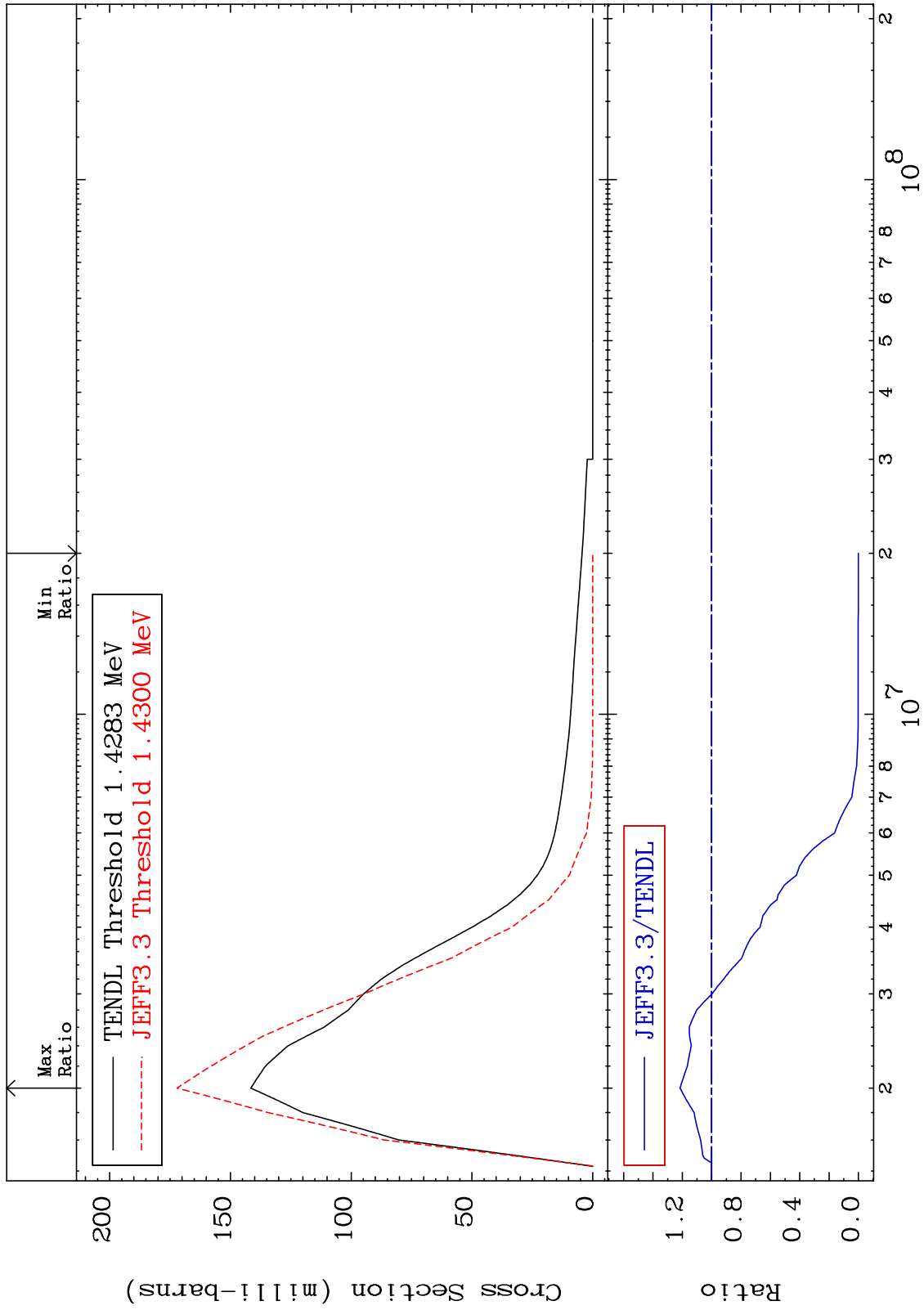
48-Cd-112
-100.0 To 18.03 %



MAT 4843

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

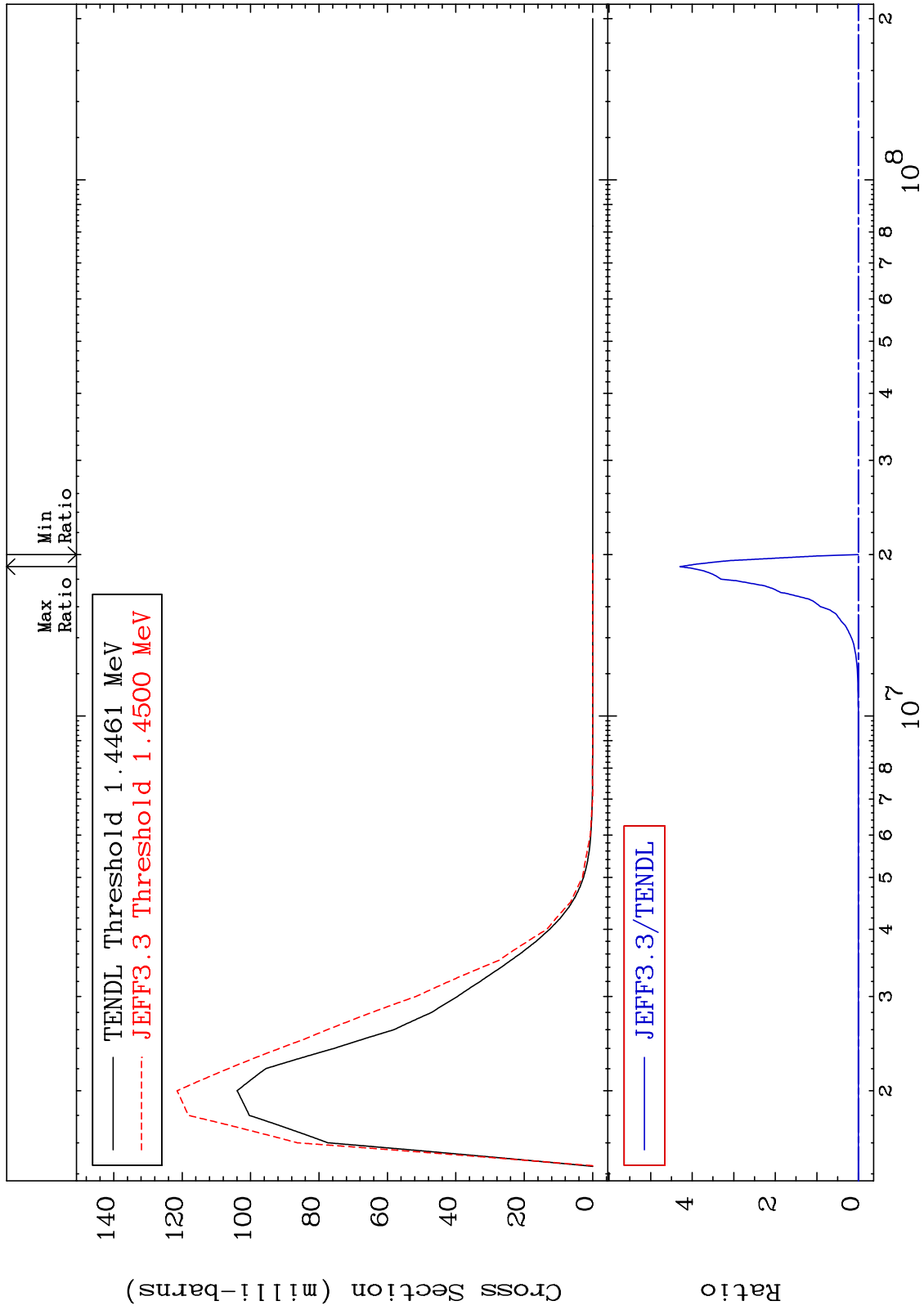
48-Cd-112
-100.0 To 21.57 %



MAT 4843

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

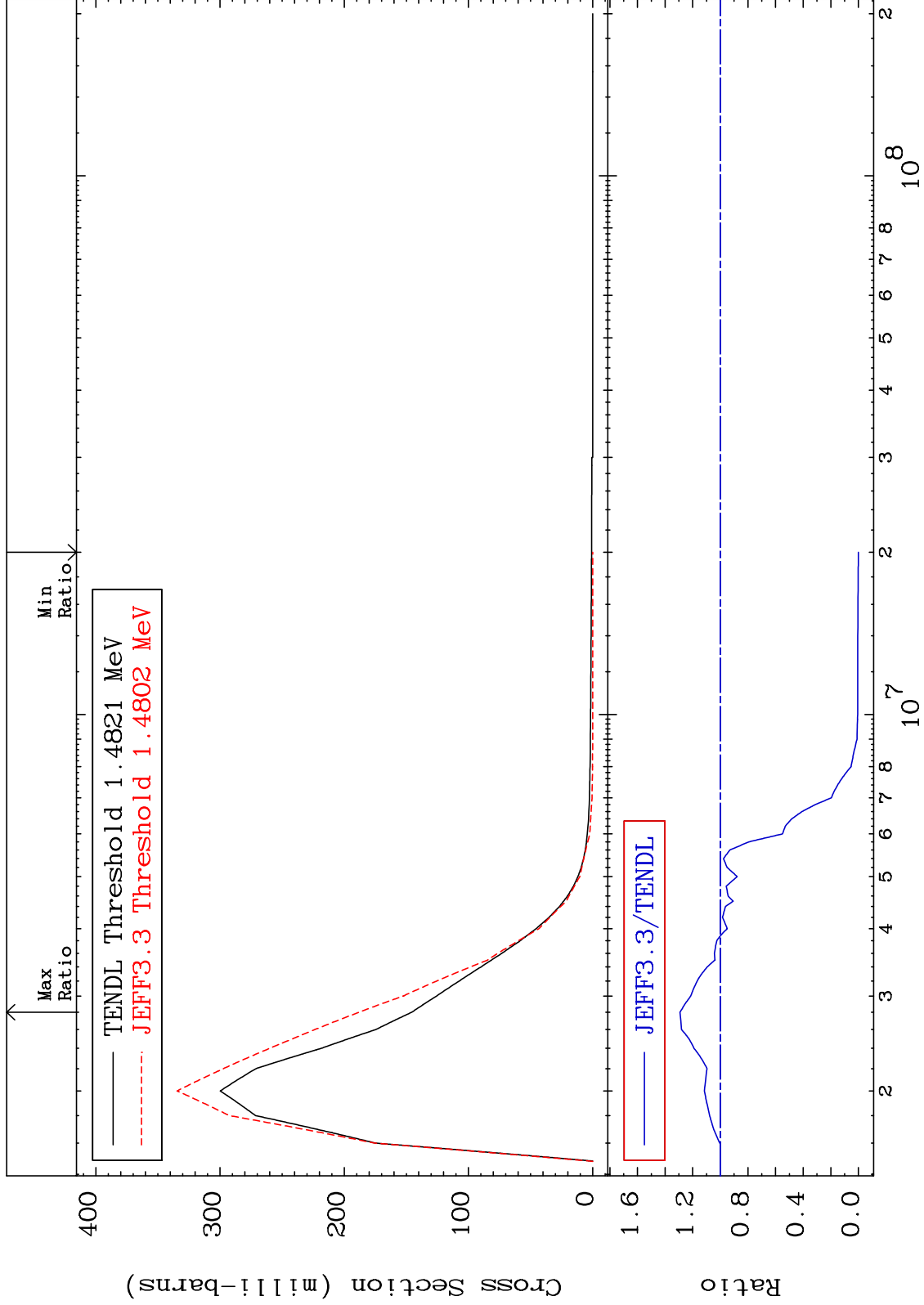
48-Cd-112
-100.0 To 9999. %



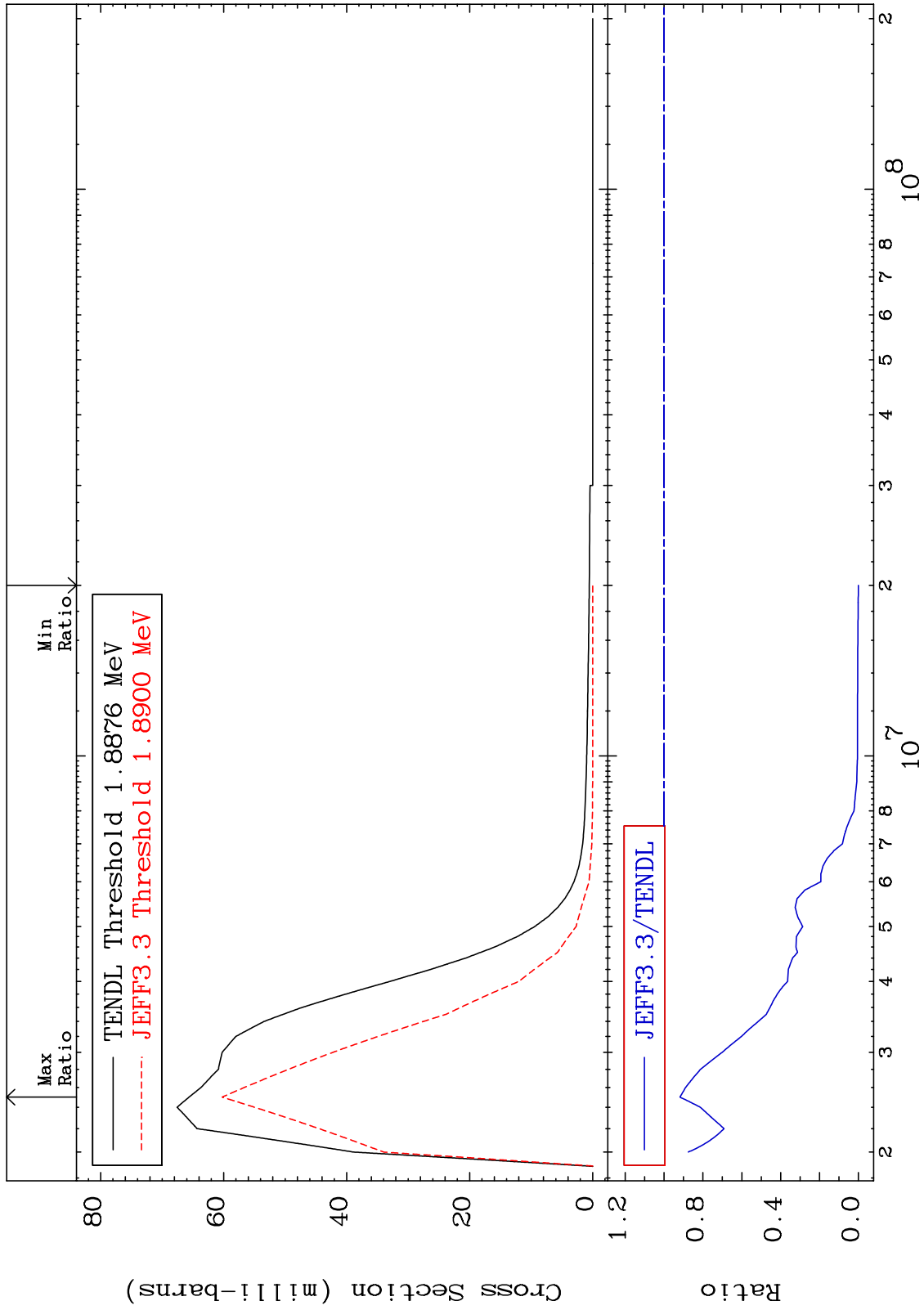
MAT 4843

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

48-Cd-112
-100.0 To 29.18 %



MAT 4843 MT= 57 (n, n') Level
Cross Section 48-Cd-112
-100.0 To -8.207%



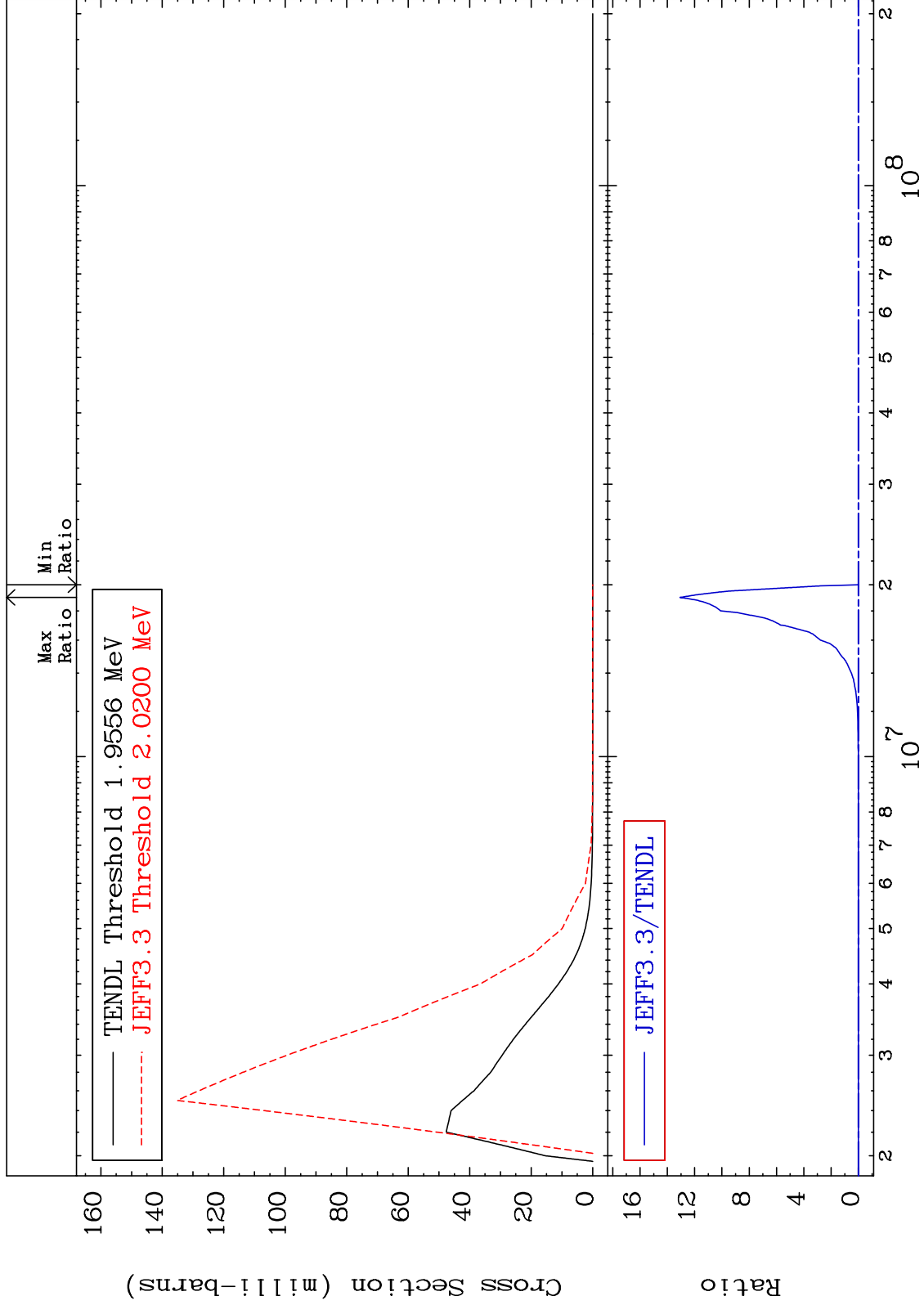
48-Cd-112

Incident Energy (eV)

MAT 4843

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

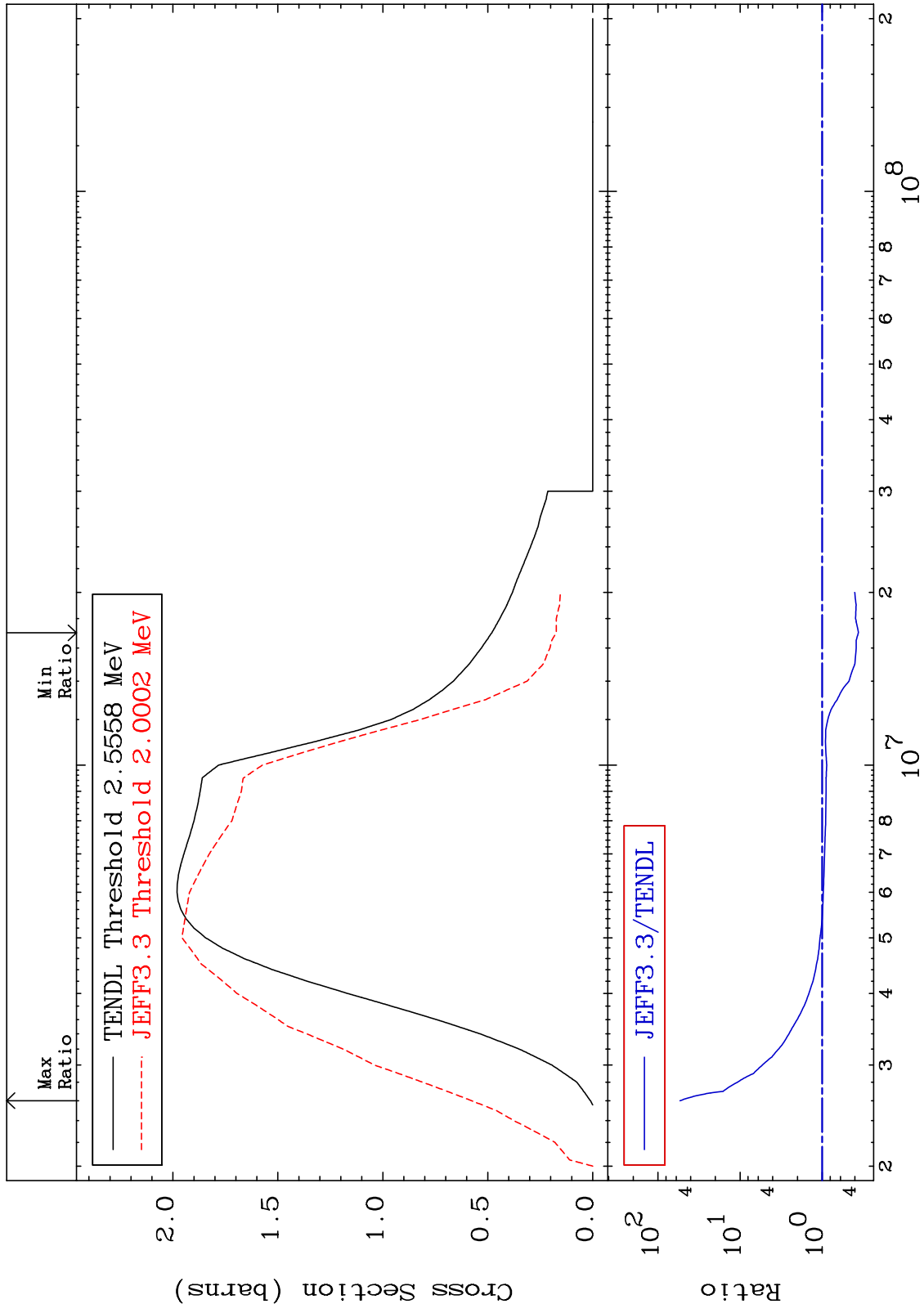
48-Cd-112
-100.0 To 9999. %



MAT 4843

(n, n') Continuum
Cross Section

48-Cd-112
-63.80 To 5290. %



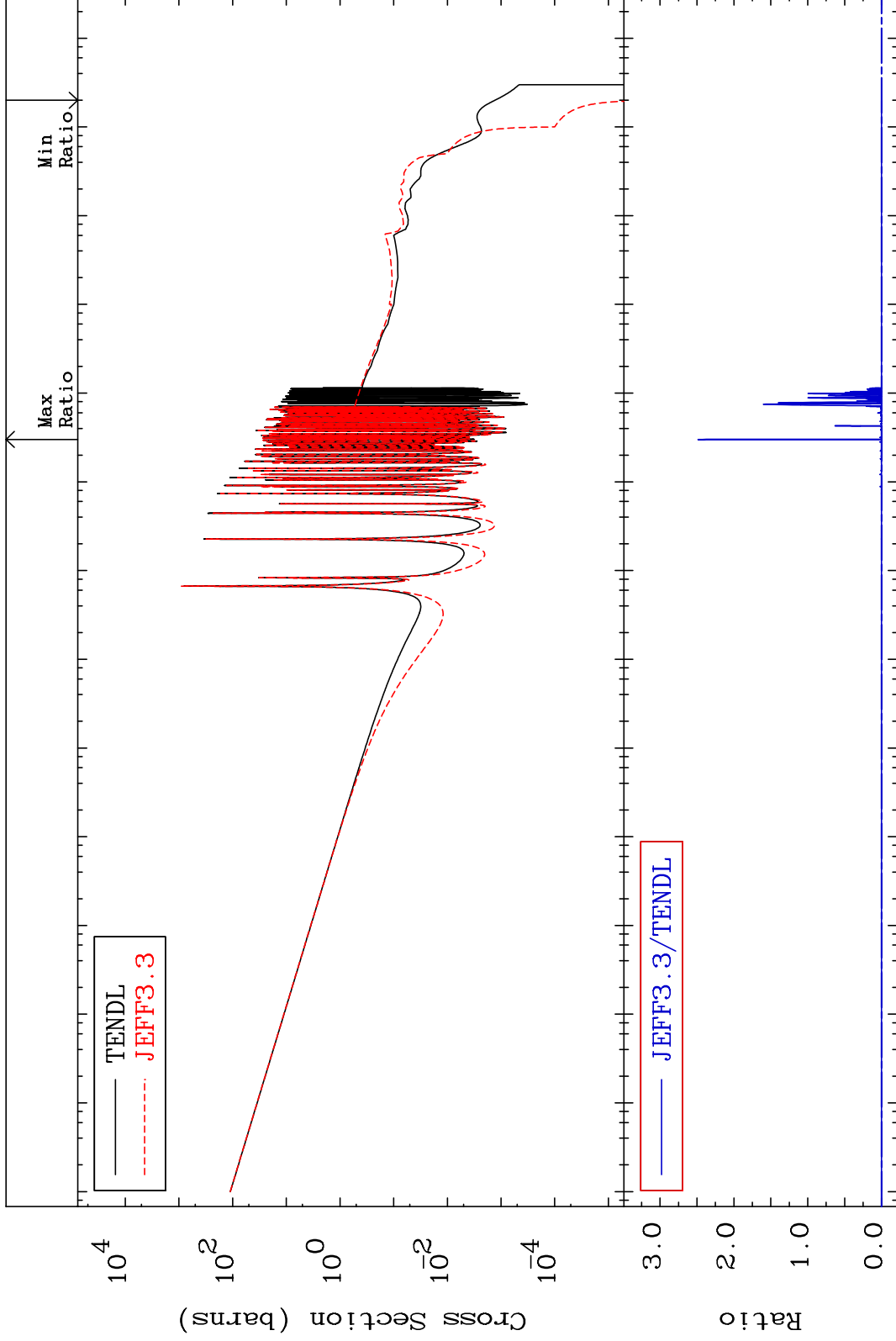
MAT 4843

(n, γ)

48-Cd-112

Cross Section

-100.0 To 9999. %



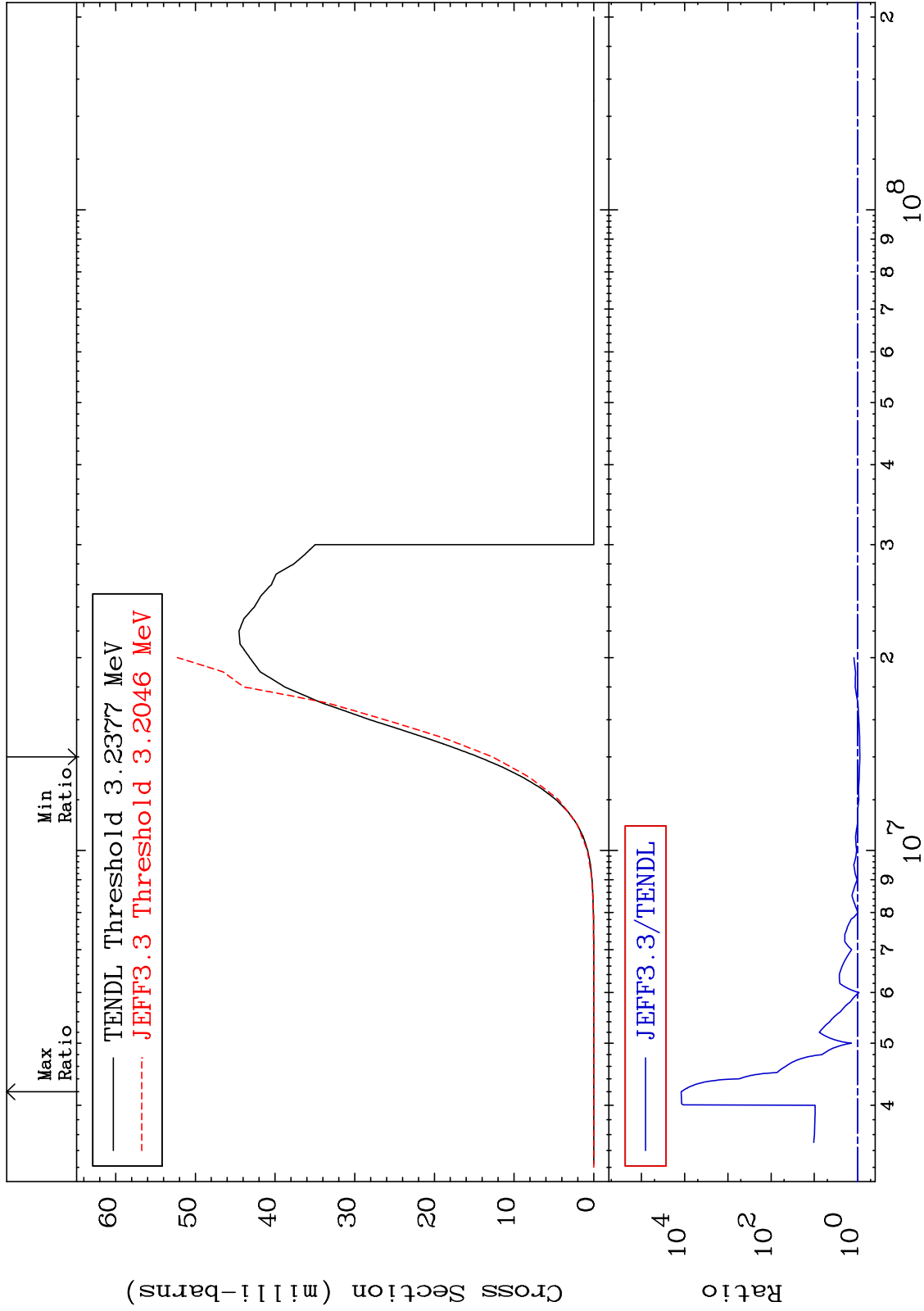
MAT 4843

(n,p)

48-Cd-112

Cross Section

-12.12 To 9999. %



20

Incident Energy (eV)

48-Cd-112

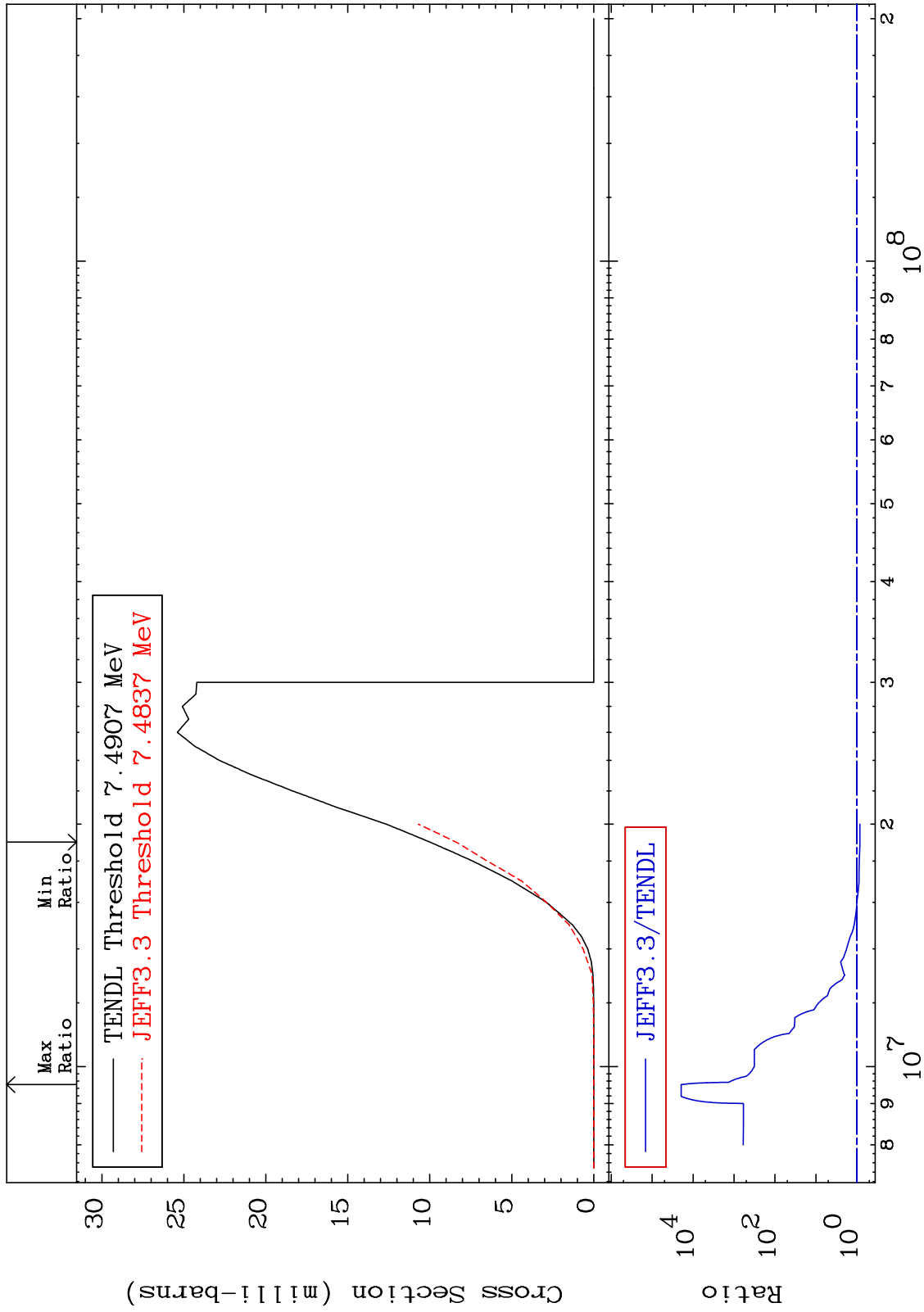
MAT 4843

(n,d)

48-Cd-112

Cross Section

-15.91 To 9999. %



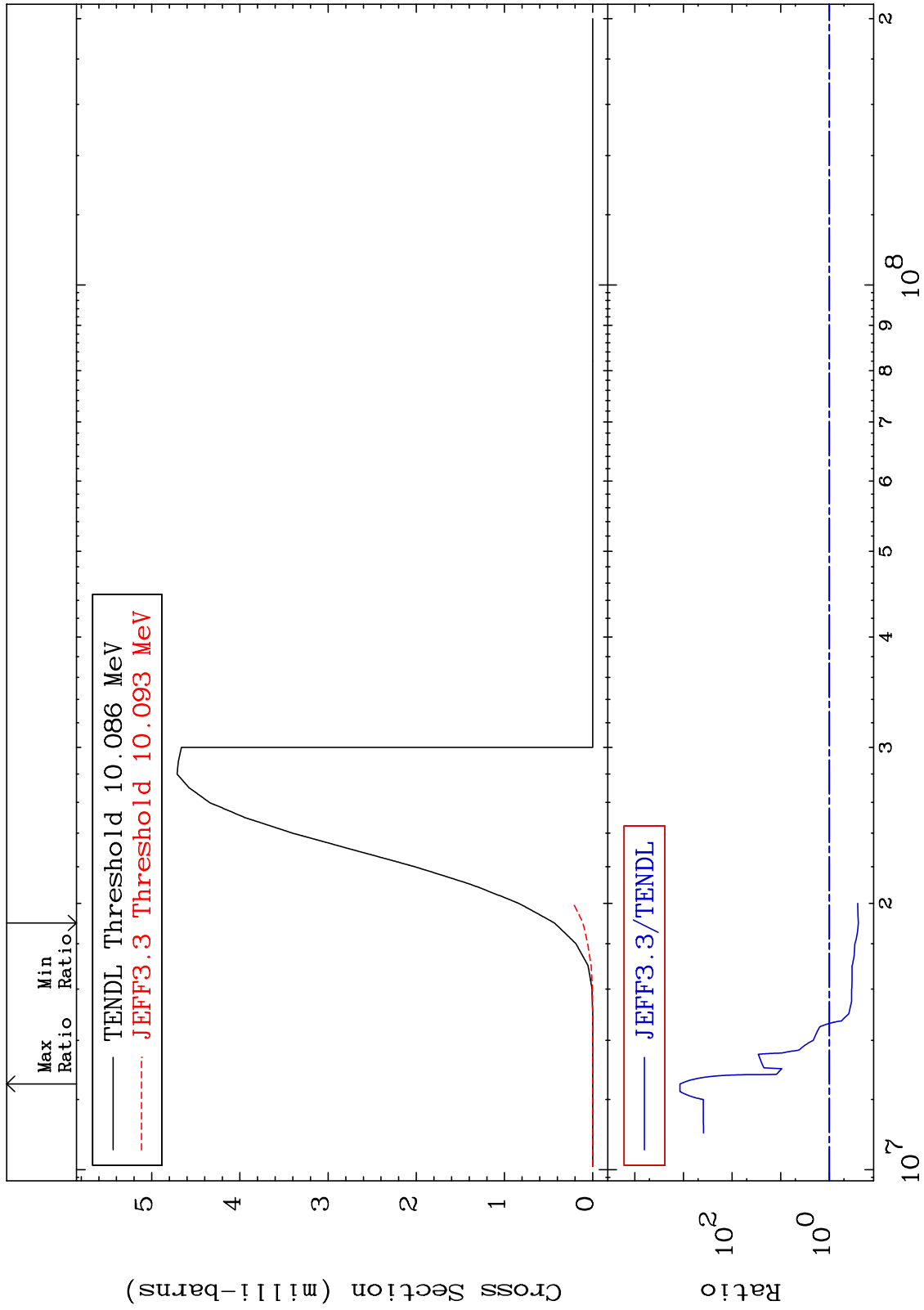
MAT 4843

(n, t)

48-Cd-112

Cross Section

-74.64 To 9999. %



Incident Energy (eV)

48-Cd-112

22

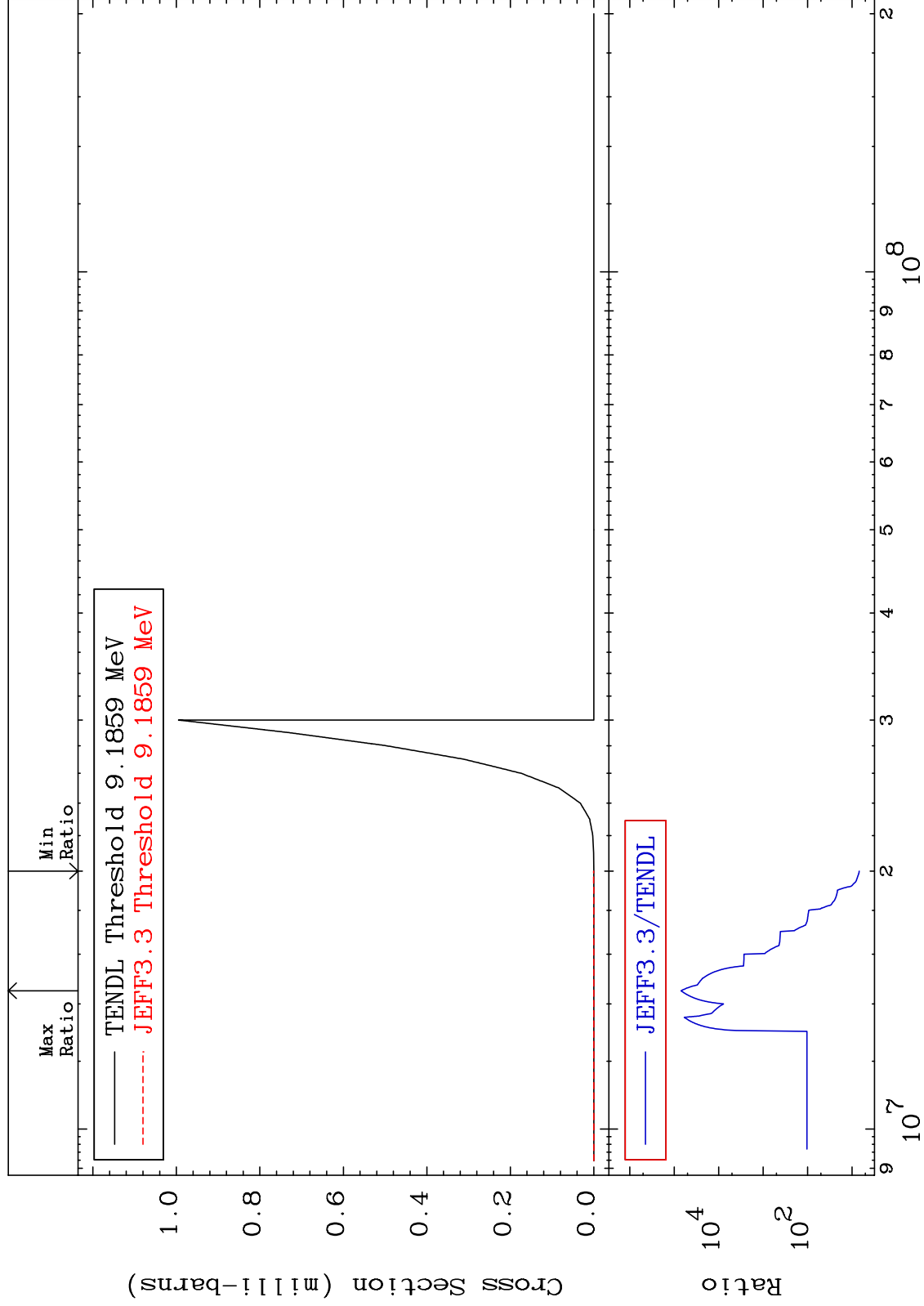
MAT 4843

(n, He-3)

48-Cd-112

Cross Section

587.5 To 9999. %



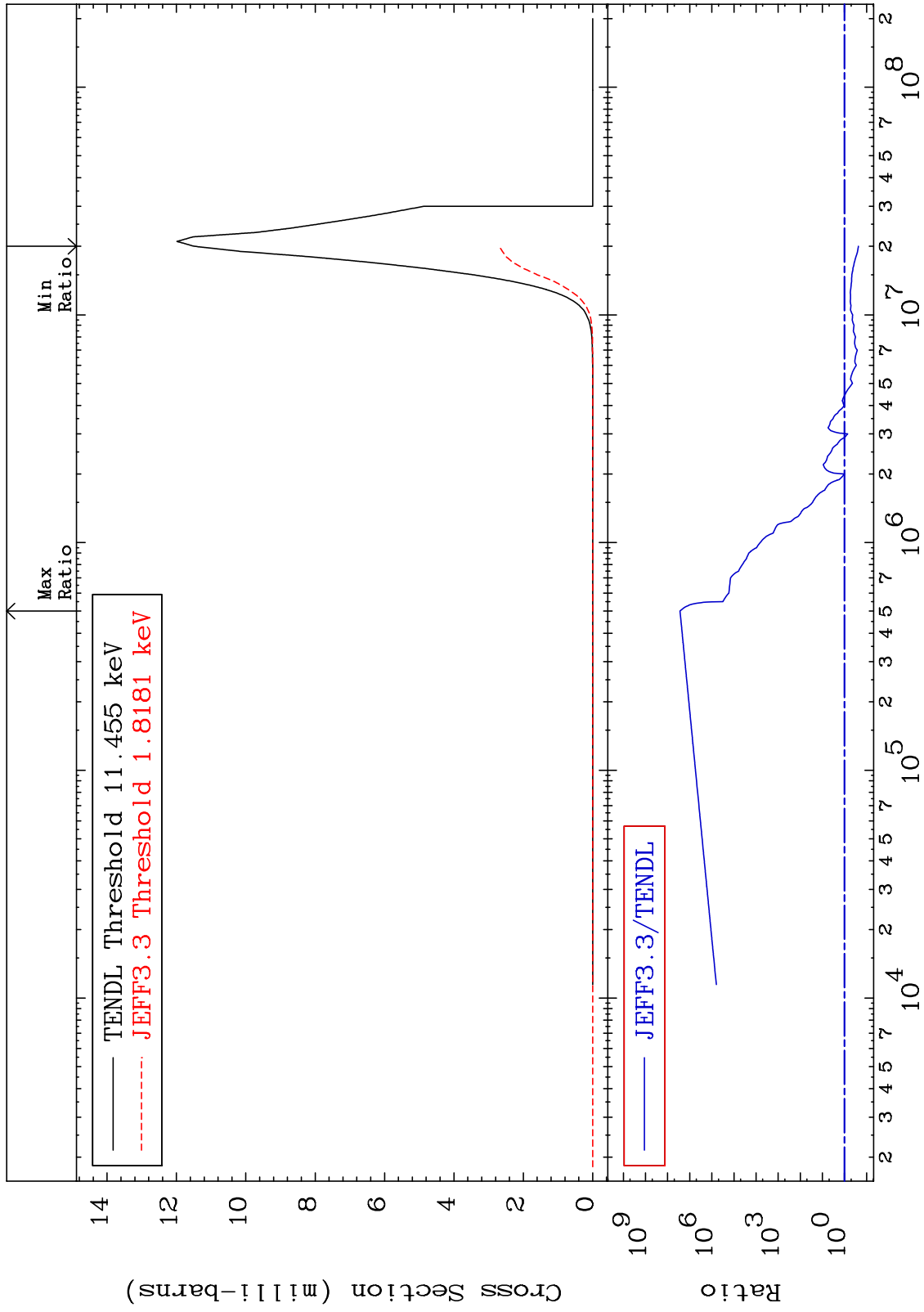
23

Incident Energy (eV)

48-Cd-112

MAT 4843

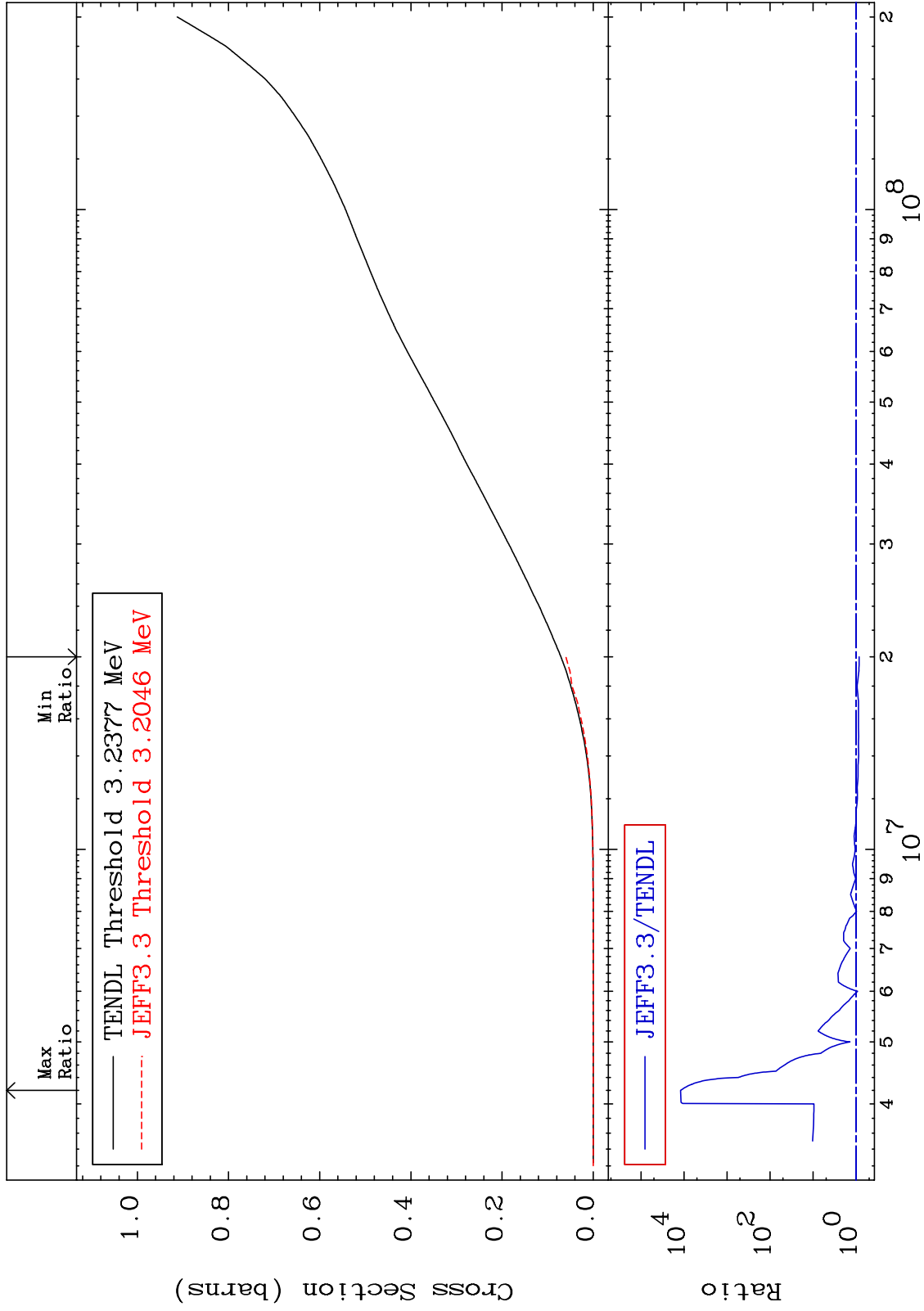
(n, α) Cross Section
48-Cd-112
-76.50 To 9999. %



MAT 4843

Hydrogen Production
Cross Section

48-Cd-112
-15.06 To 9999. %



25

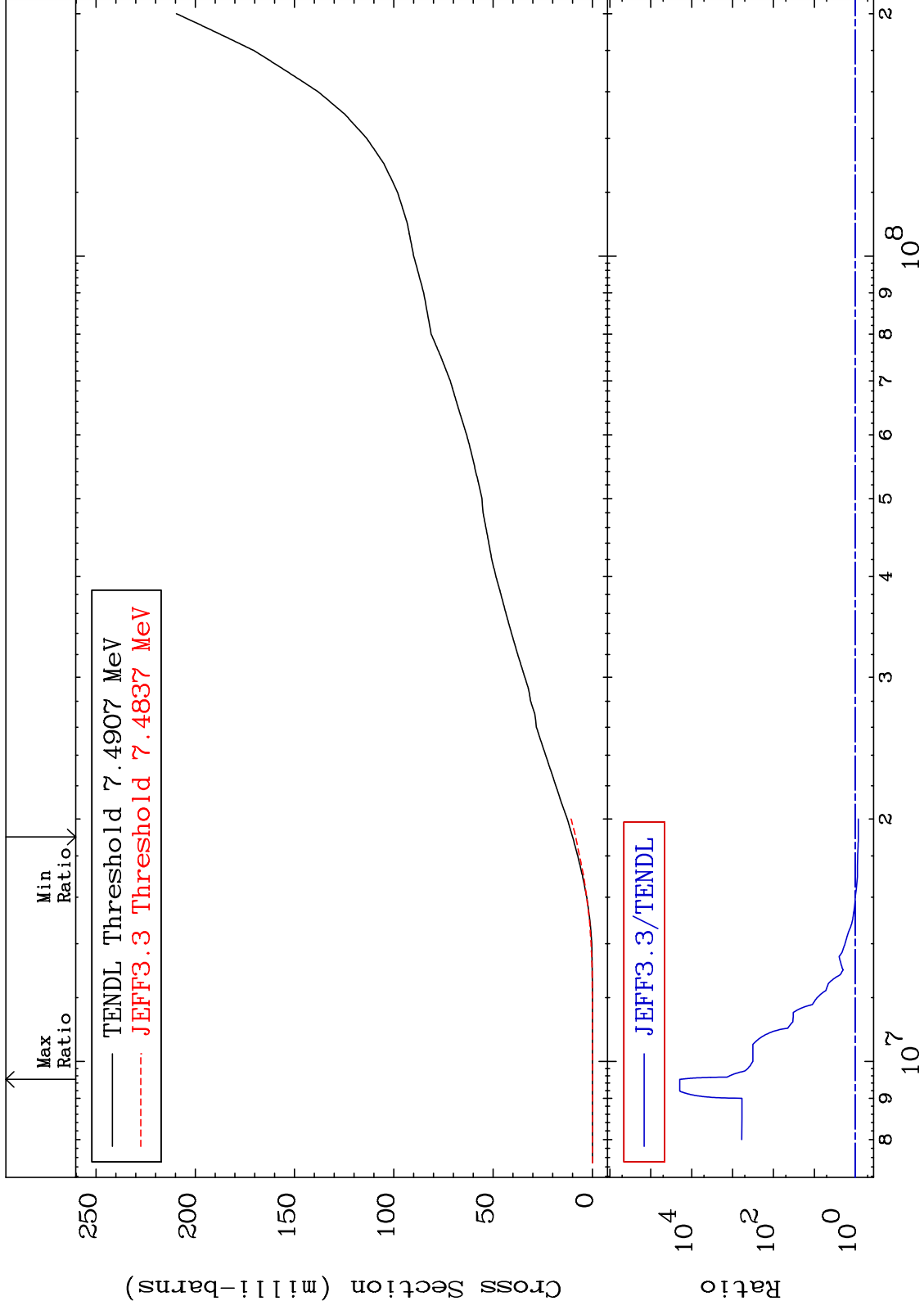
Incident Energy (eV)

48-Cd-112

MAT 4843

Deuterium Production
Cross Section

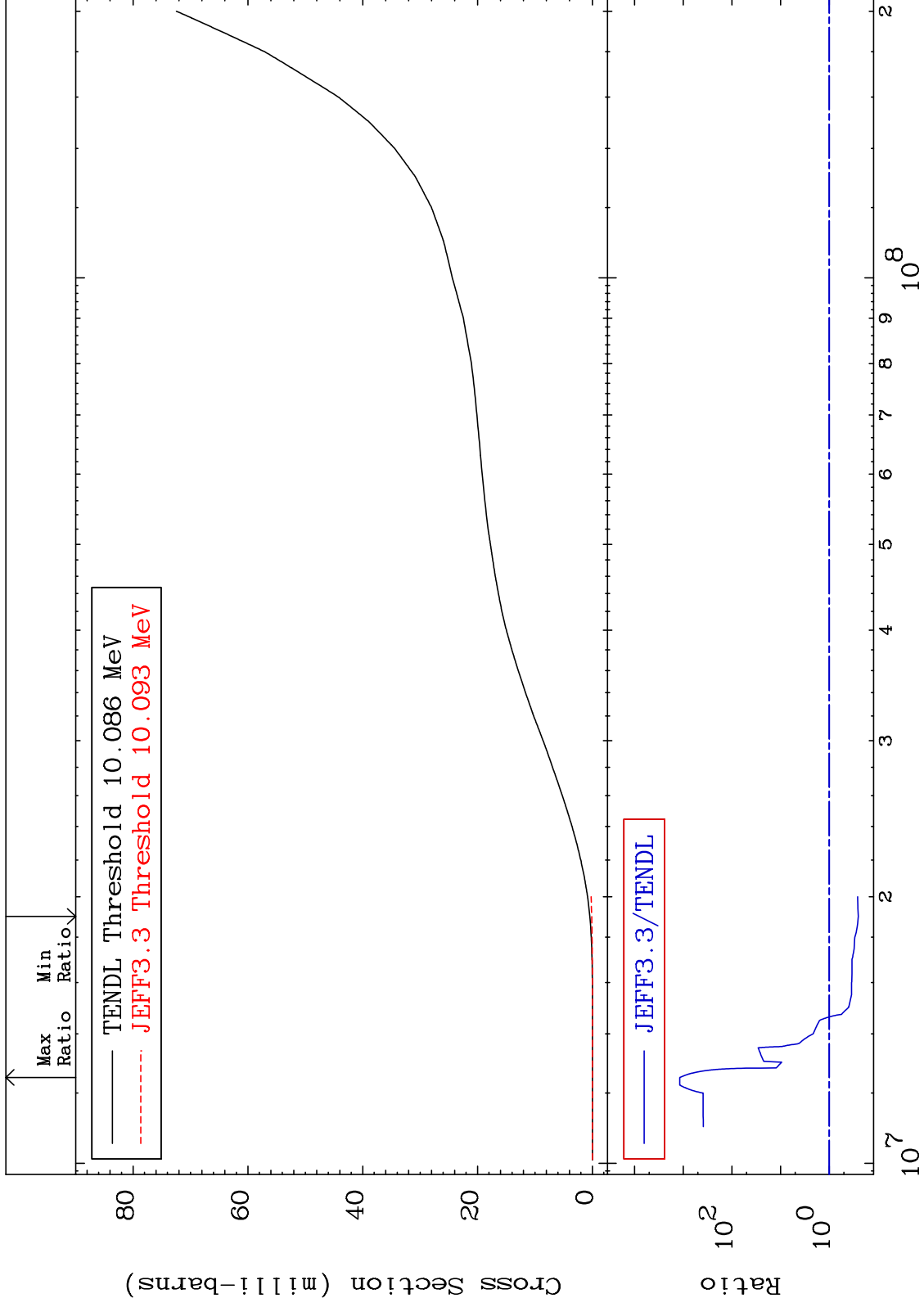
48-Cd-112
-15.91 To 9999. %



MAT 4843

Tritium Production
Cross Section

48-Cd-112
-74.64 To 9999. %



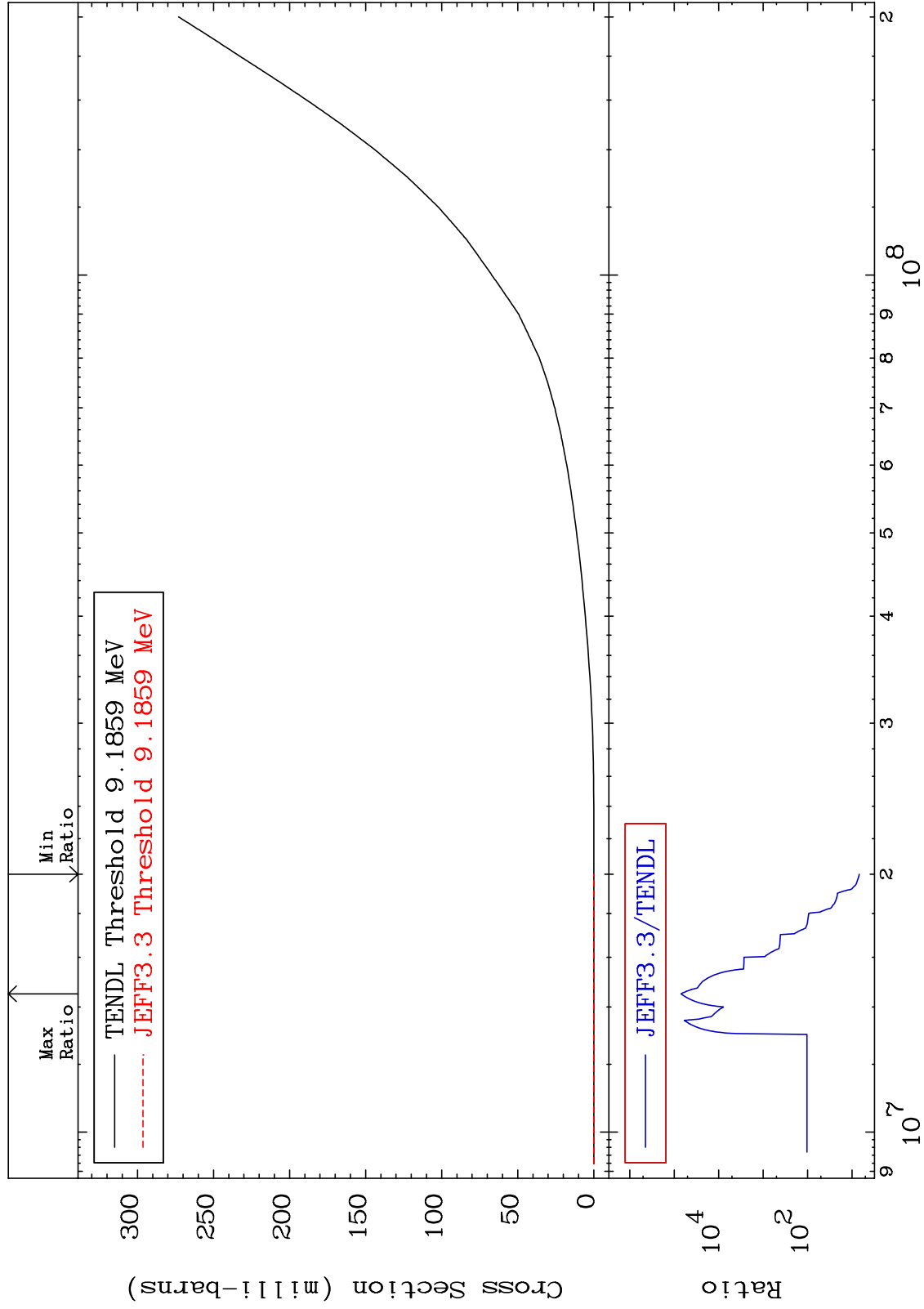
48-Cd-112

27

MAT 4843

He-3 Production
Cross Section

48-Cd-112
587.5 To 9999. %



28

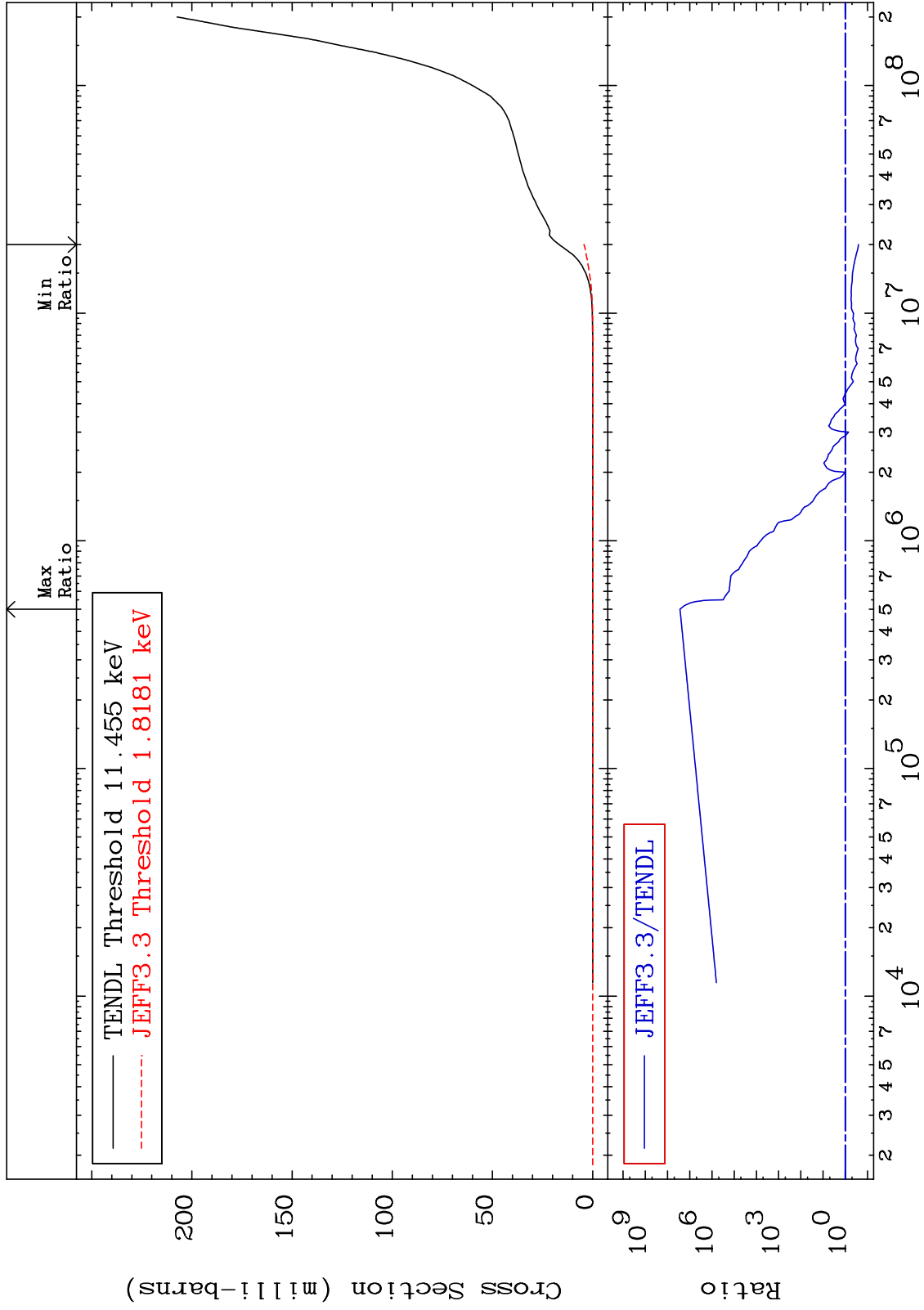
Incident Energy (eV)

48-Cd-112

MAT 4843

He-4 Production
Cross Section

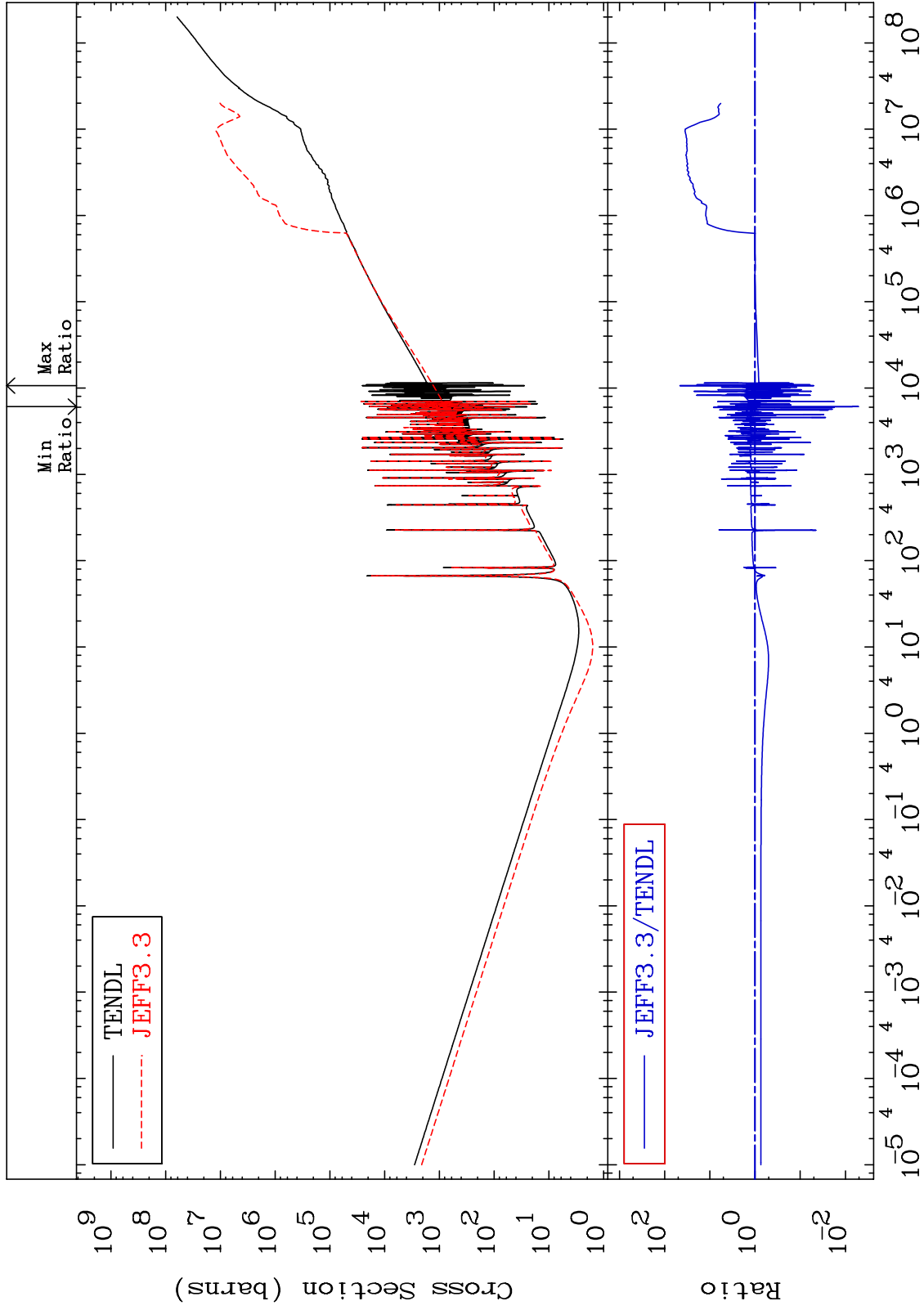
48-Cd-112
-74.32 To 9999. %



MAT 4843

Kerma total (eV-barns)
Cross Section

48-Cd-112
-99.49 To 4477. %



30

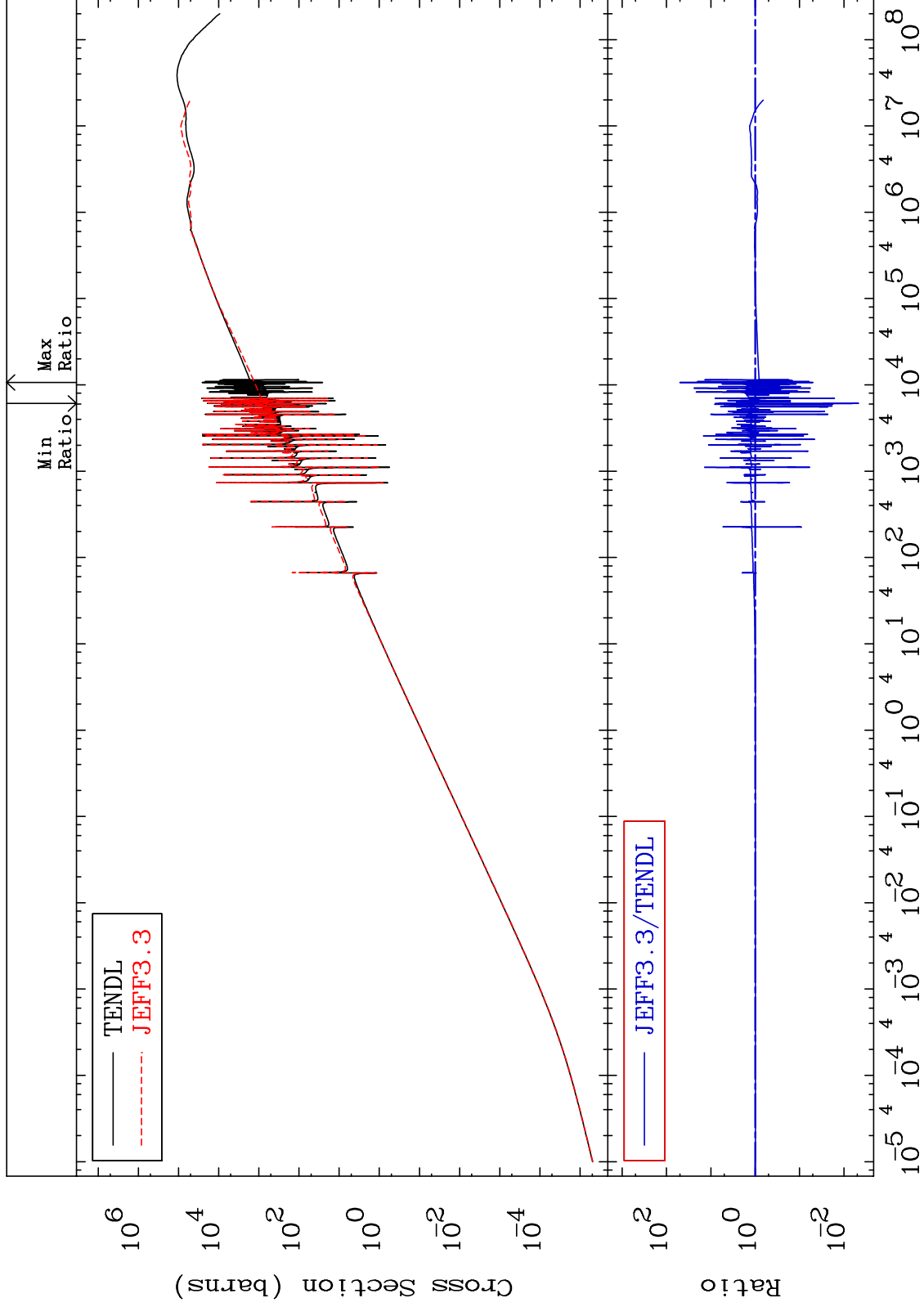
Incident Energy (eV)

48-Cd-112

MAT 4843

Kerma elastic
Cross Section

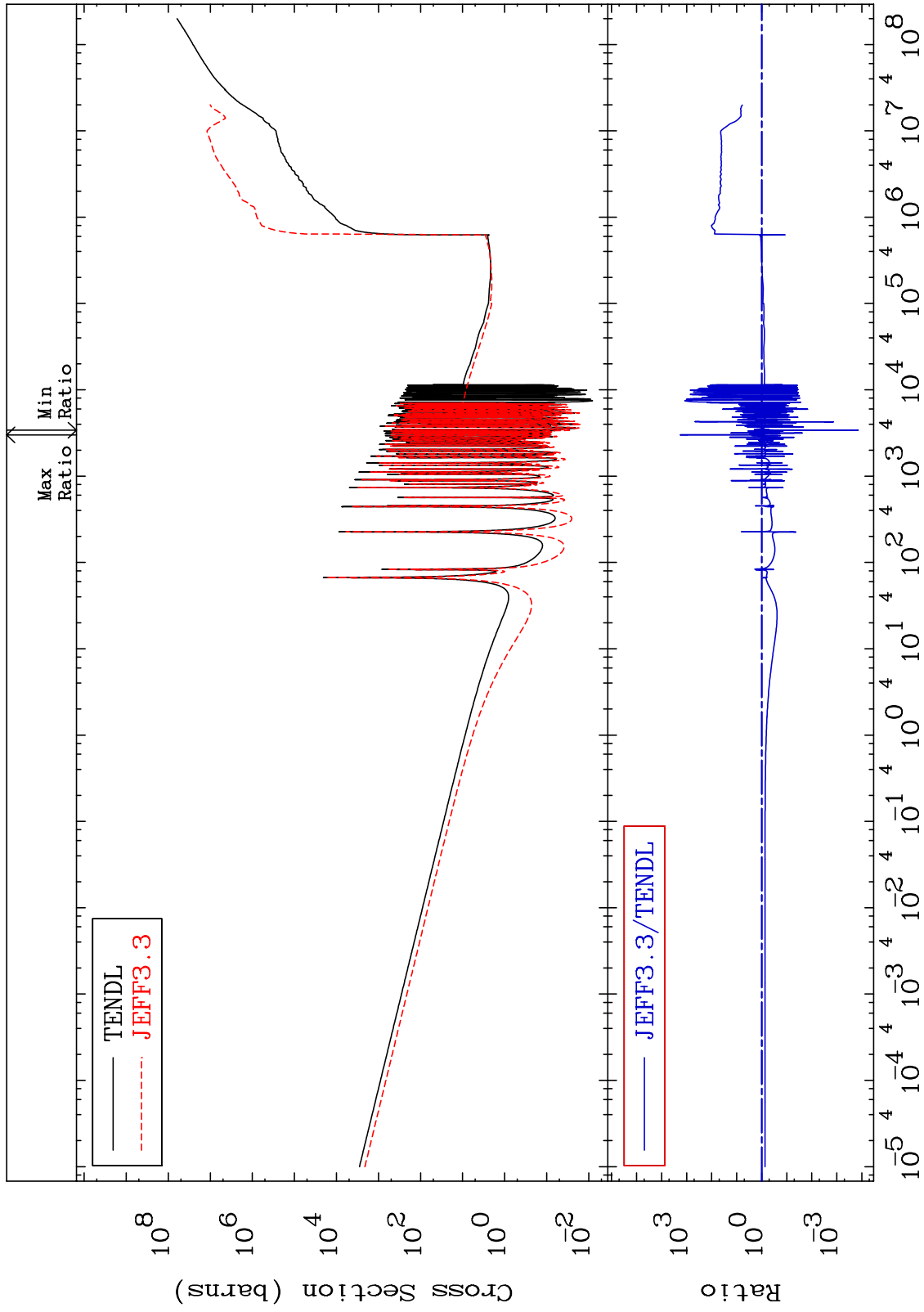
48-Cd-112
-99.53 To 4860. %



MAT 4843

Kerma non-elastic (all but mt2)
Cross Section

48-Cd-112
-99.99 To 9999. %



32

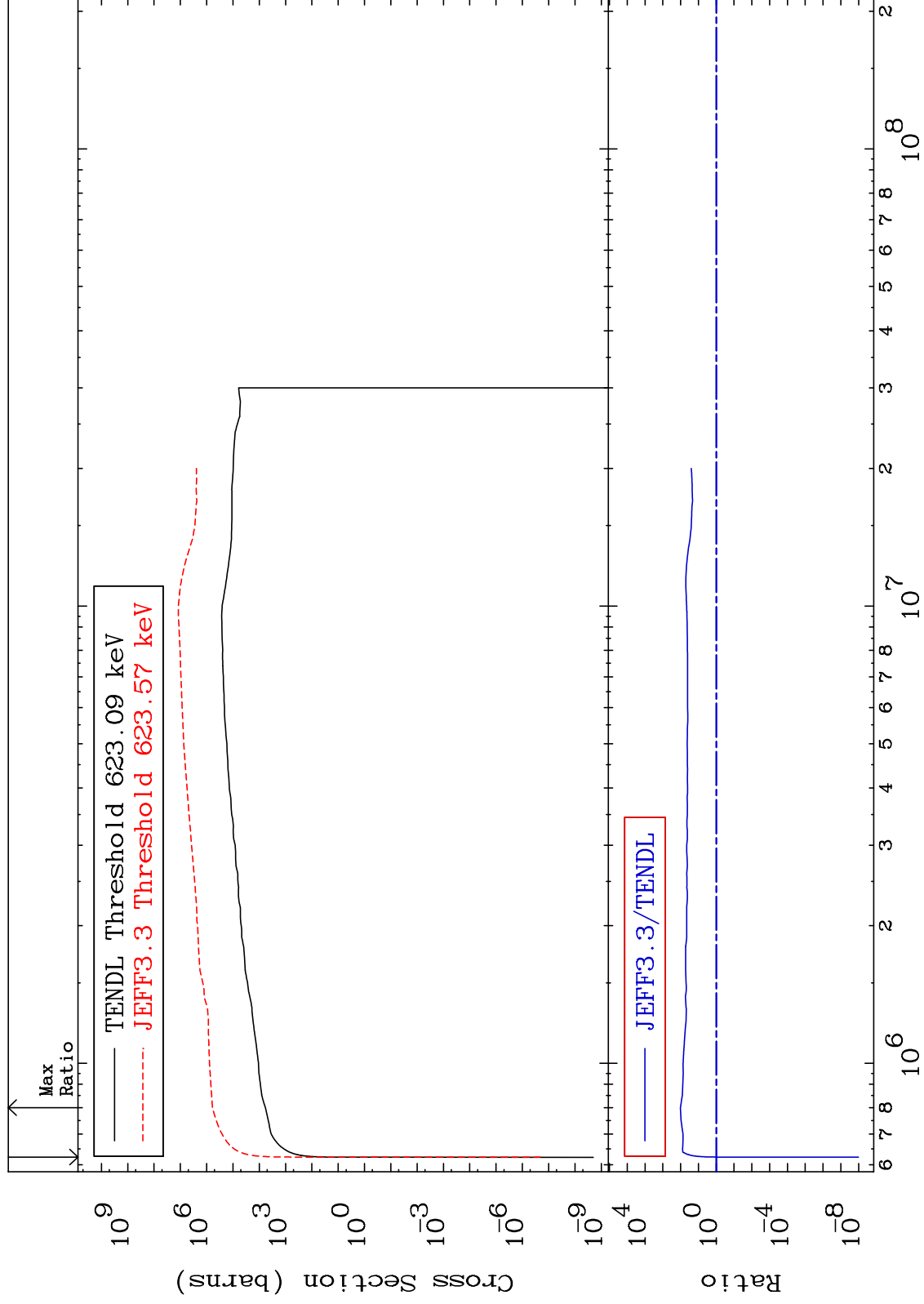
Incident Energy (eV)

48-Cd-112

MAT 4843

Kerma inelastic (mt51-91)
Cross Section

48-Cd-112
-100.0 To 9999. %



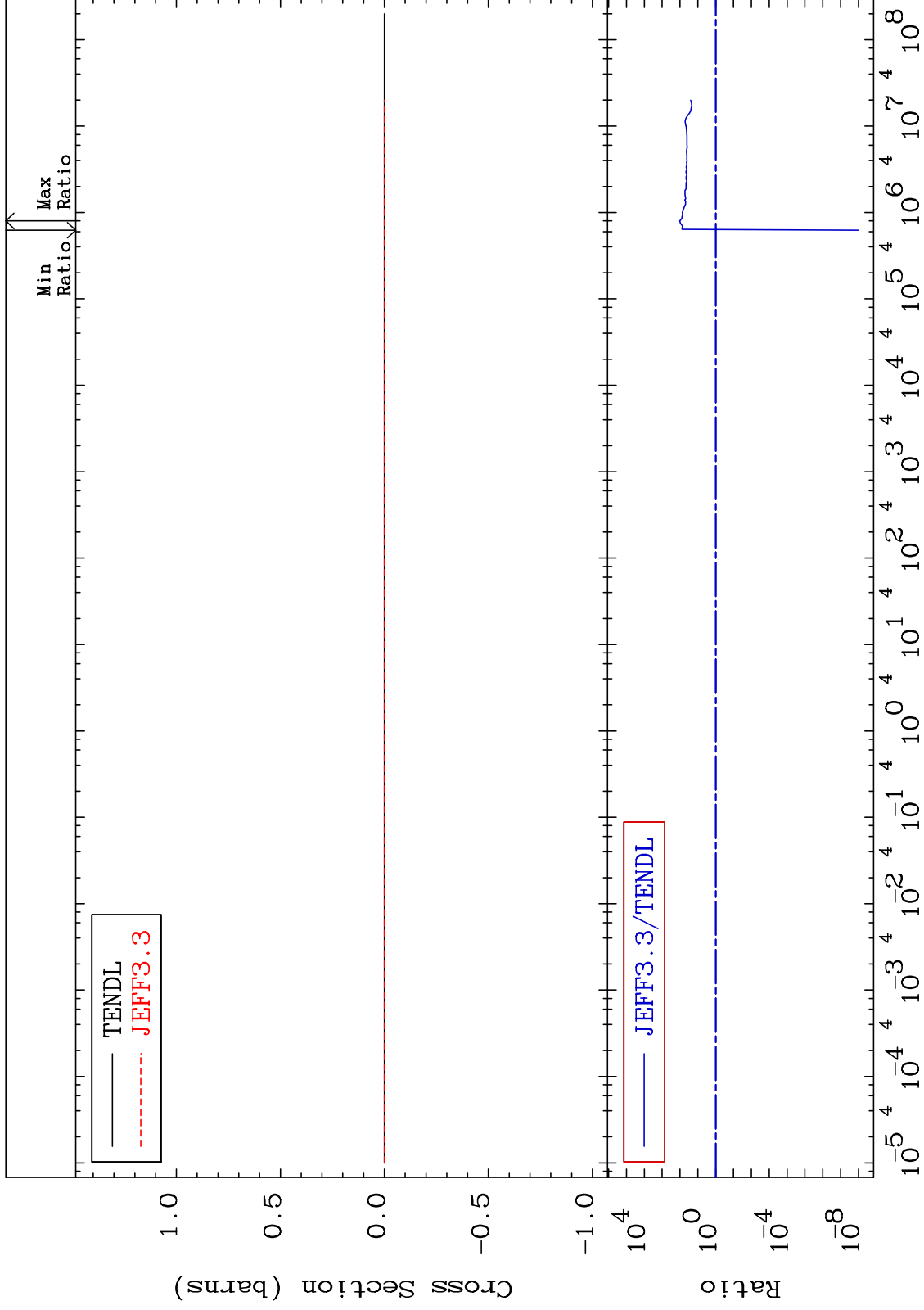
Incident Energy (eV)

48-Cd-112

MAT 4843

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

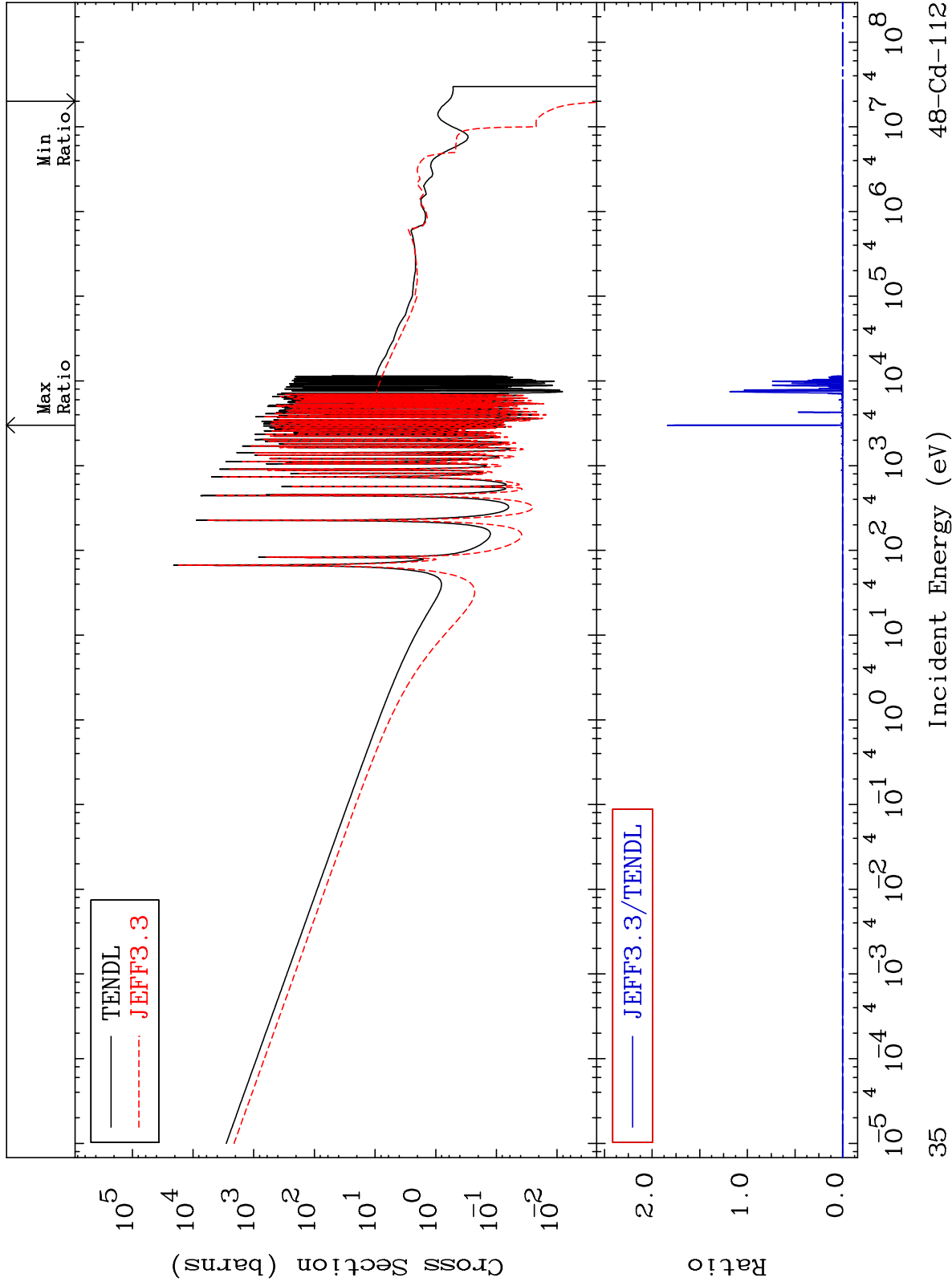
48-Cd-112
-100.0 To 9999. %



MAT 4843

Kerma capture (mt102)
Cross Section

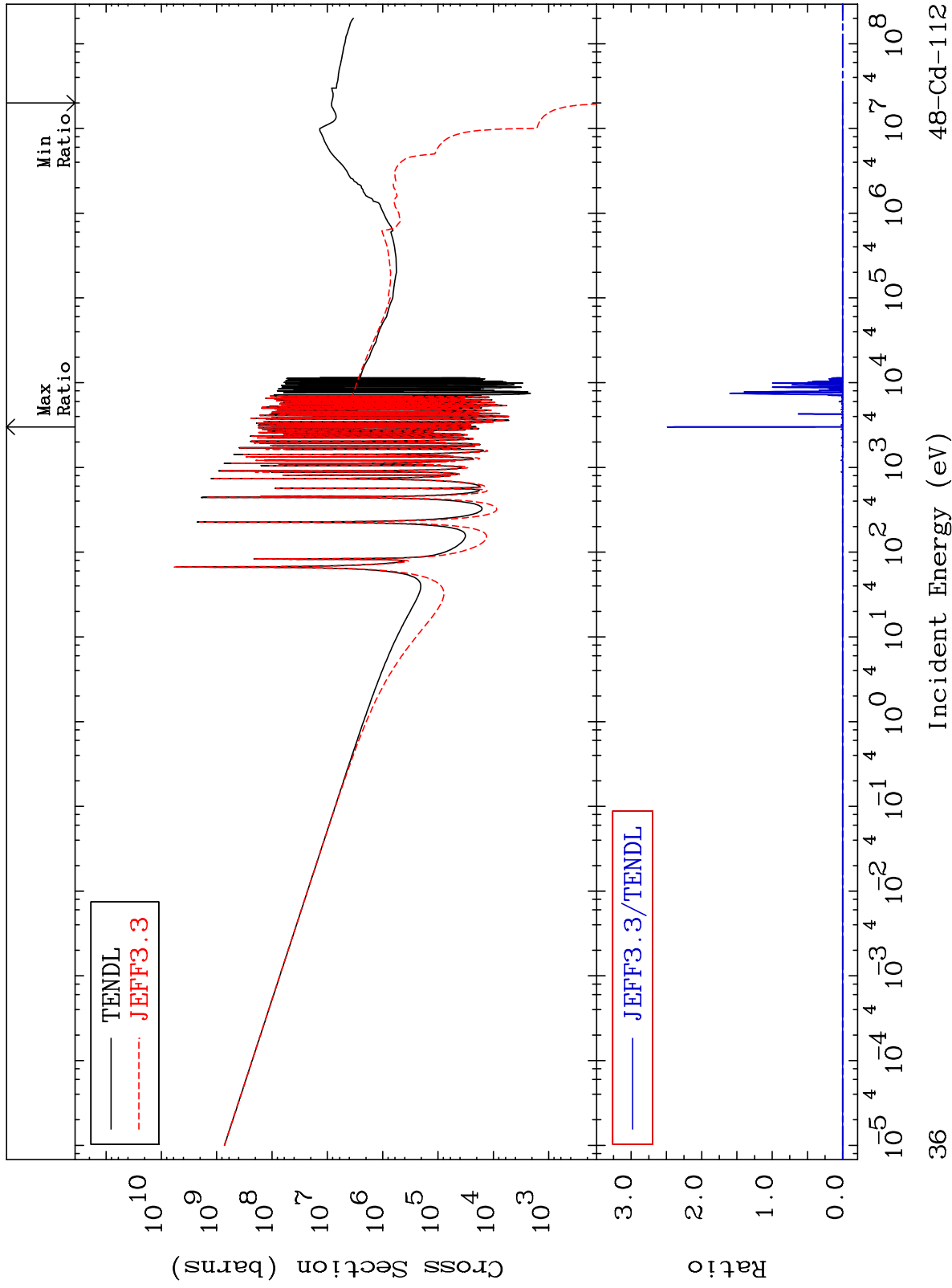
48-Cd-112
-100.0 To 9999. %



MAT 4843

Total photon (eV-barns)
Cross Section

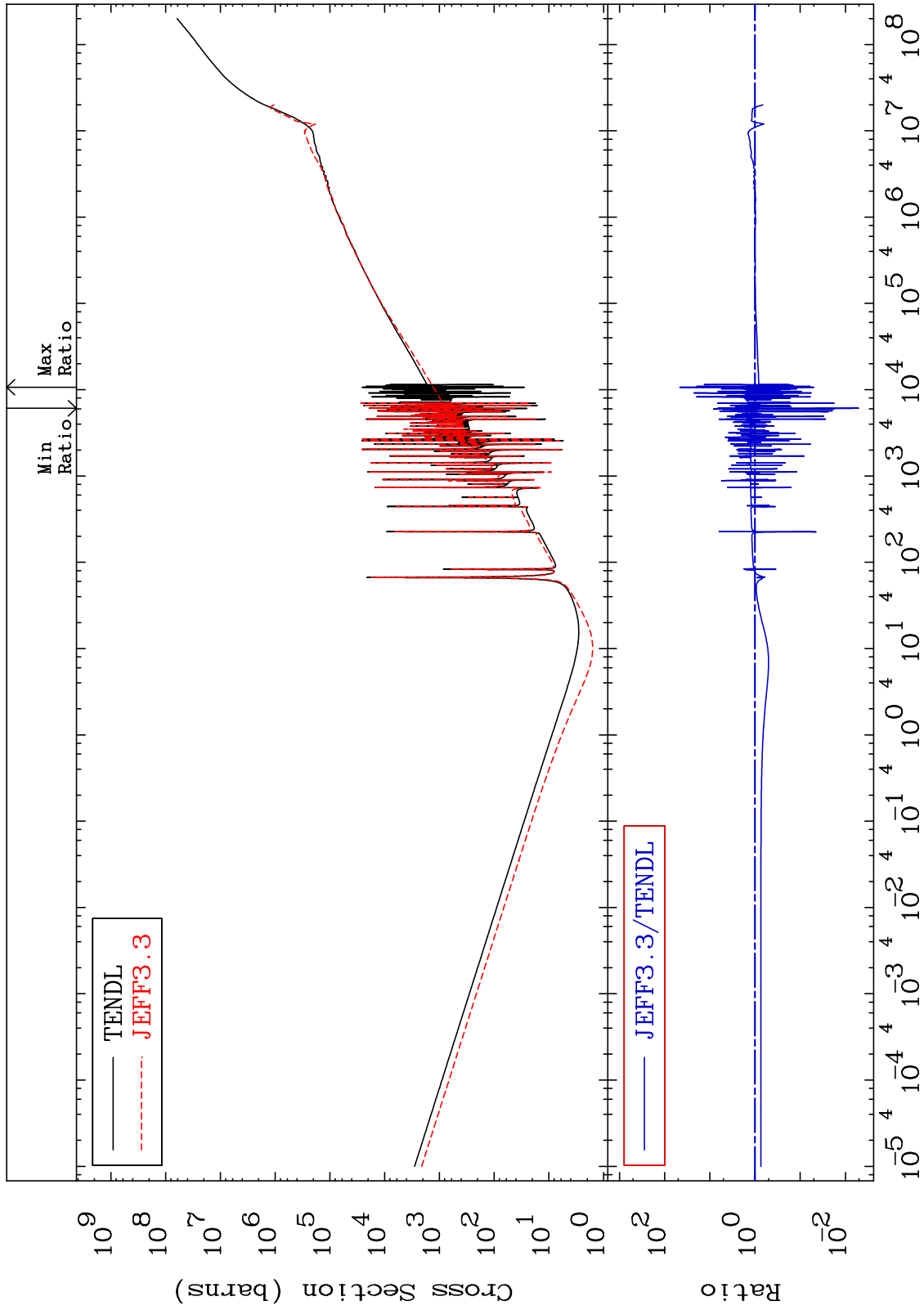
48-Cd-112
-100.0 To 9999. %



MAT 4843

Total kinematic kerma (high limit)
Cross Section

48-Cd-112
-99.49 To 4477. %



37

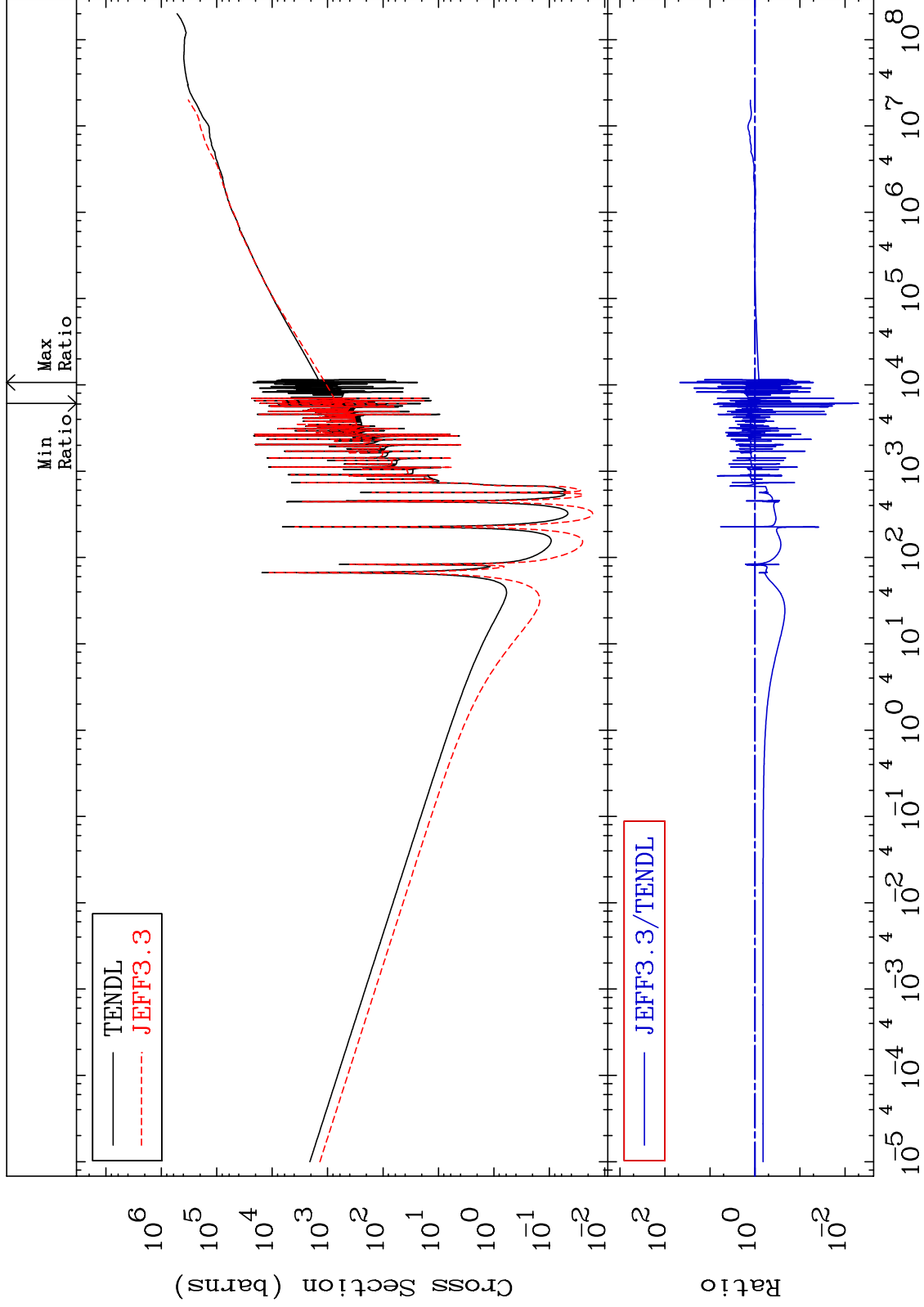
Incident Energy (eV)

48-Cd-112

MAT 4843

Dpa total (eV-barns)
Cross Section

48-Cd-112
-99.50 To 4525. %



38

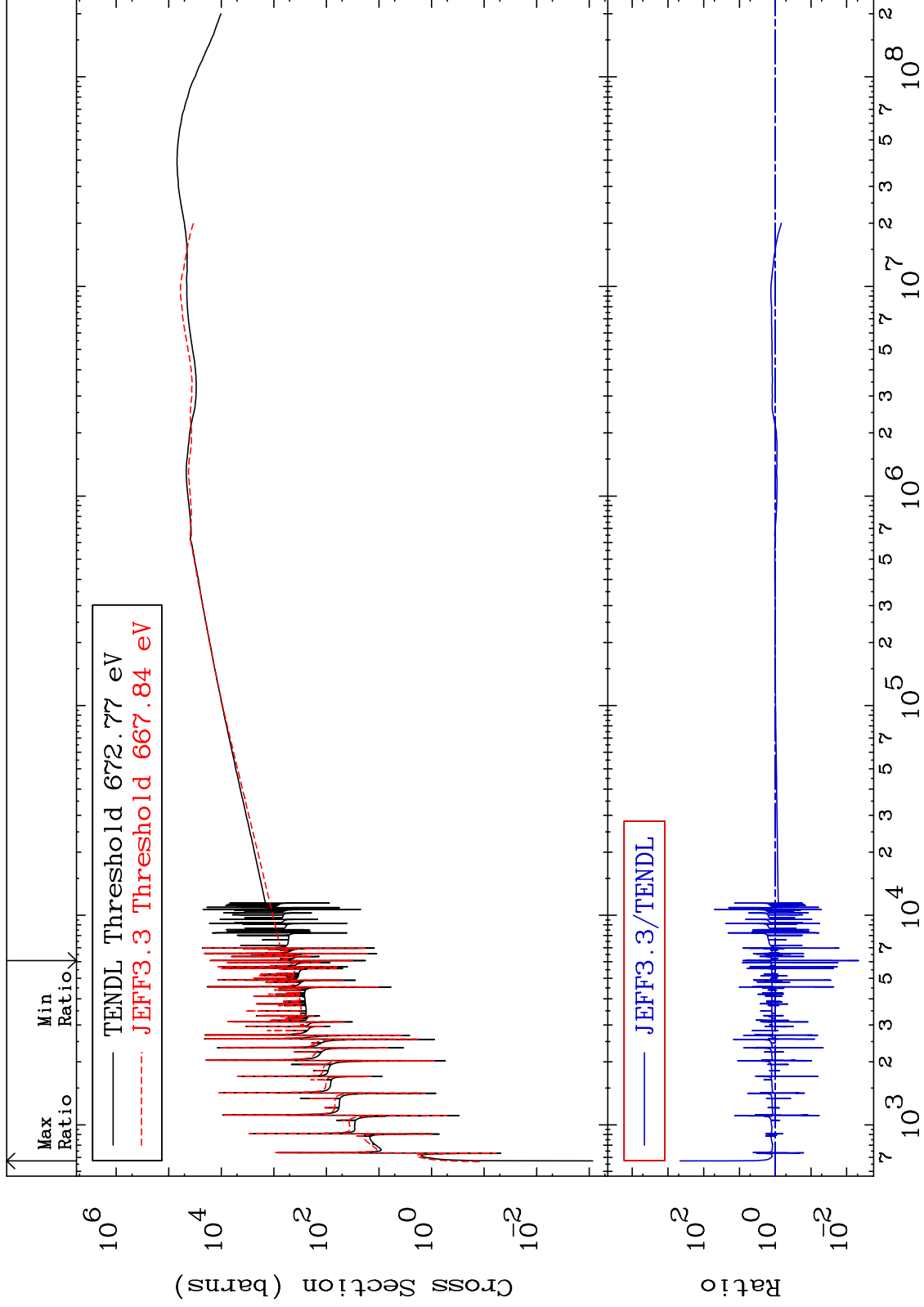
Incident Energy (eV)

48-Cd-112

MAT 4843

Dpa elastic (mt2)
Cross Section

48-Cd-112
-99.53 To 9999. %



39

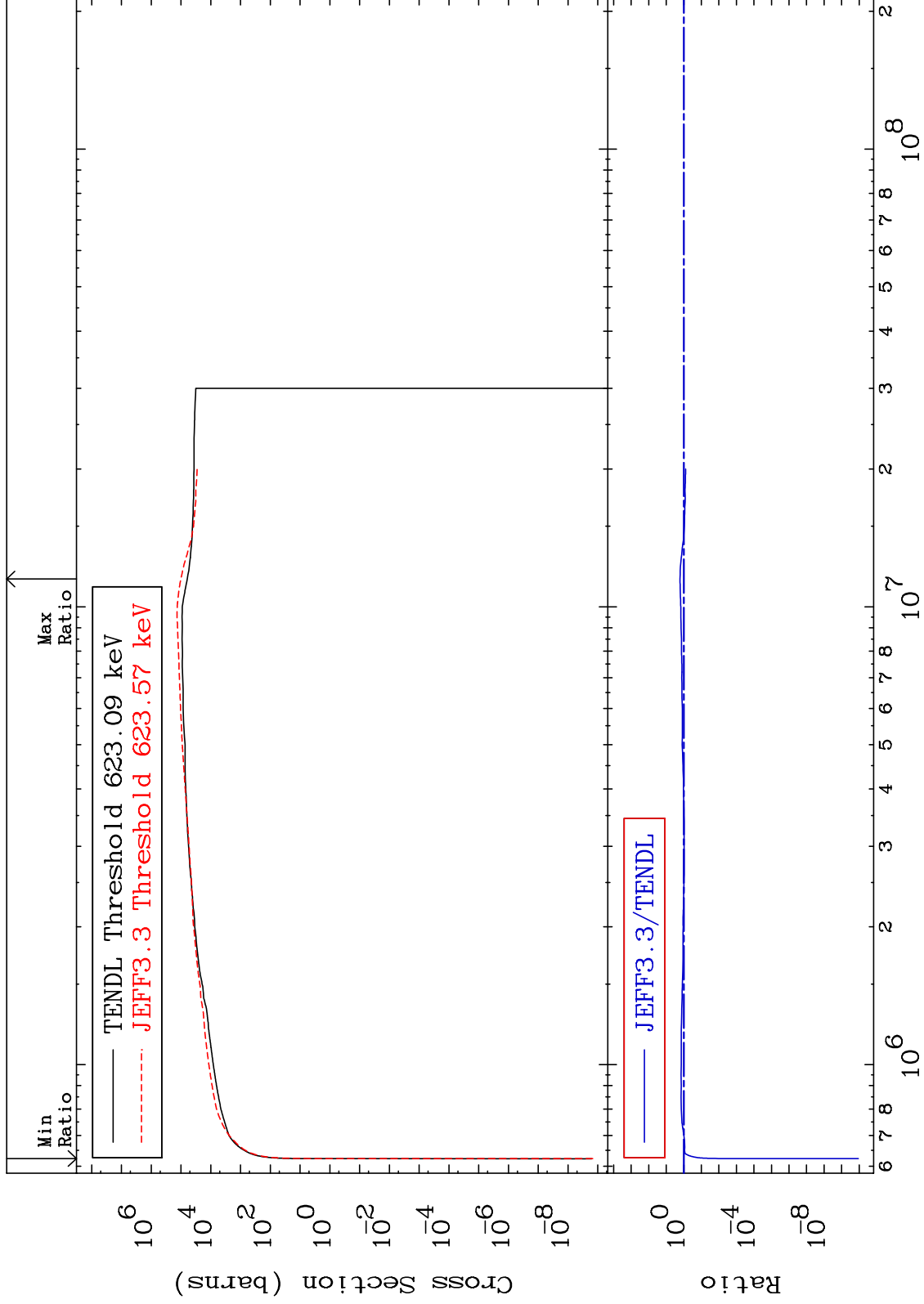
Incident Energy (eV)

48-Cd-112

MAT 4843

Dpa inelastic (mt51-91)
Cross Section

48-Cd-112
-100.0 To 64.01 %



40

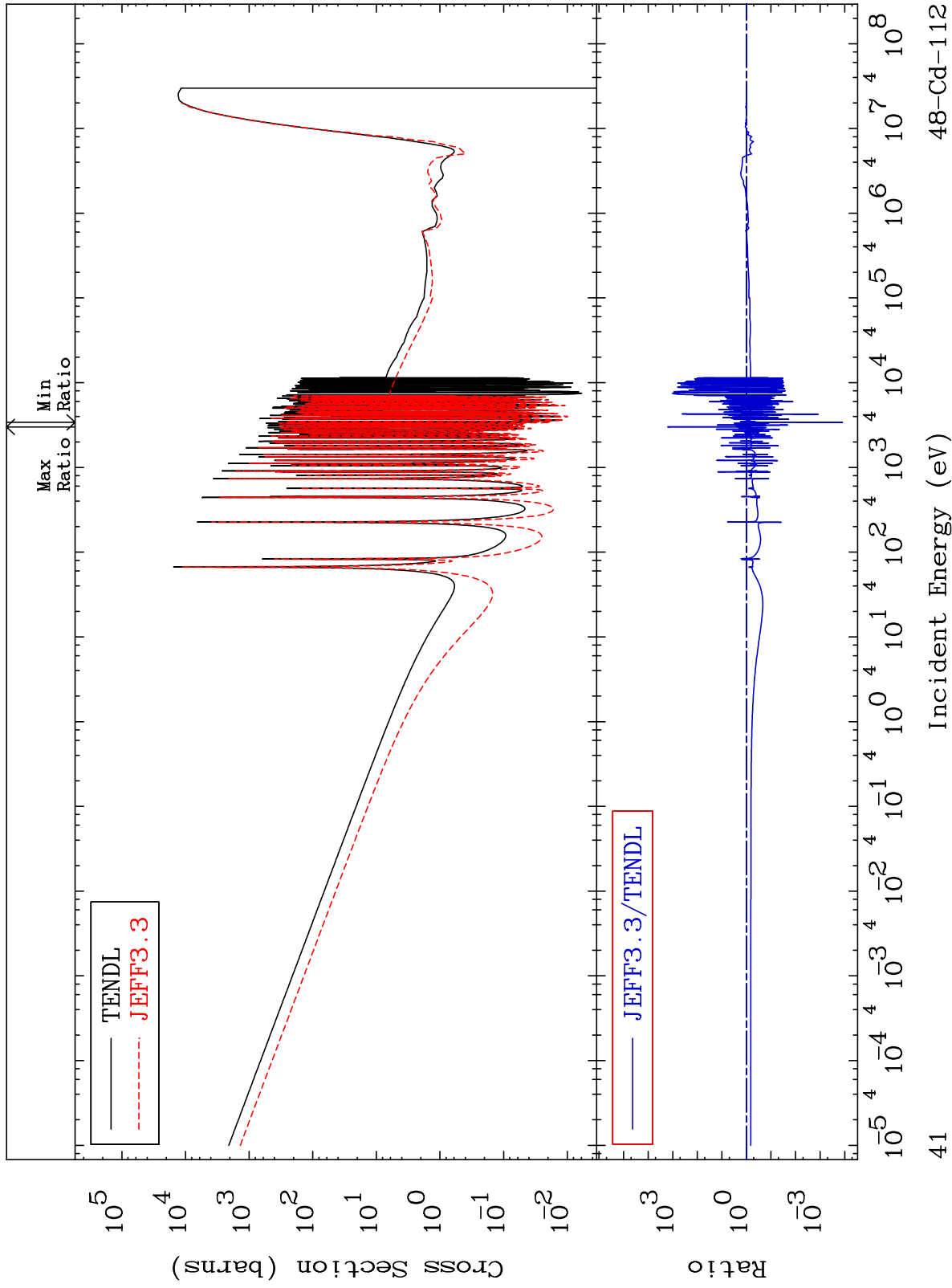
Incident Energy (eV)

48-Cd-112

MAT 4843

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-112
-99.99 To 9999. %



41

Incident Energy (eV)

48-Cd-112