

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

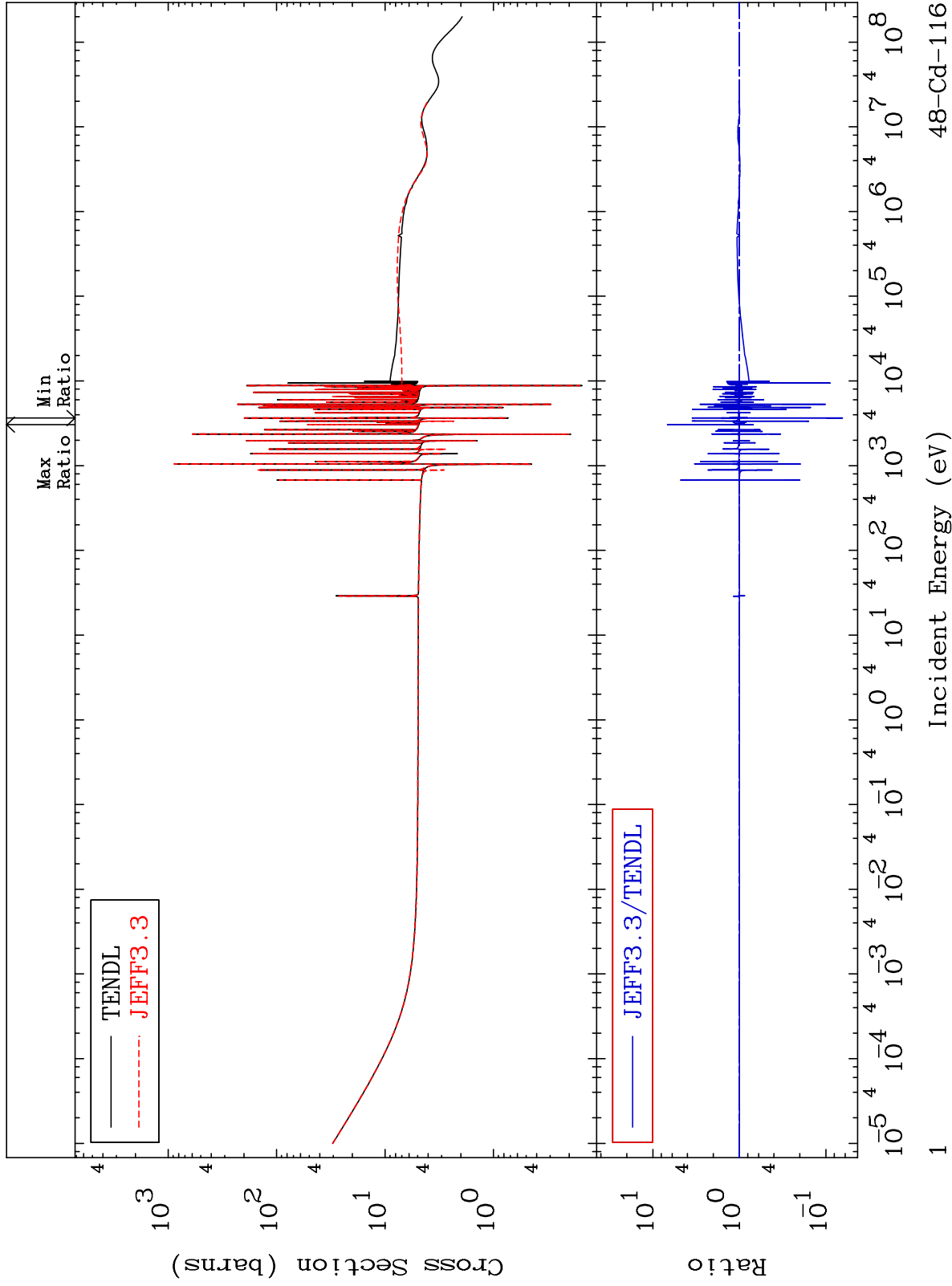
MAT 4855

Total

48-Cd-116

Cross Section

-93.60 To 577.0 %

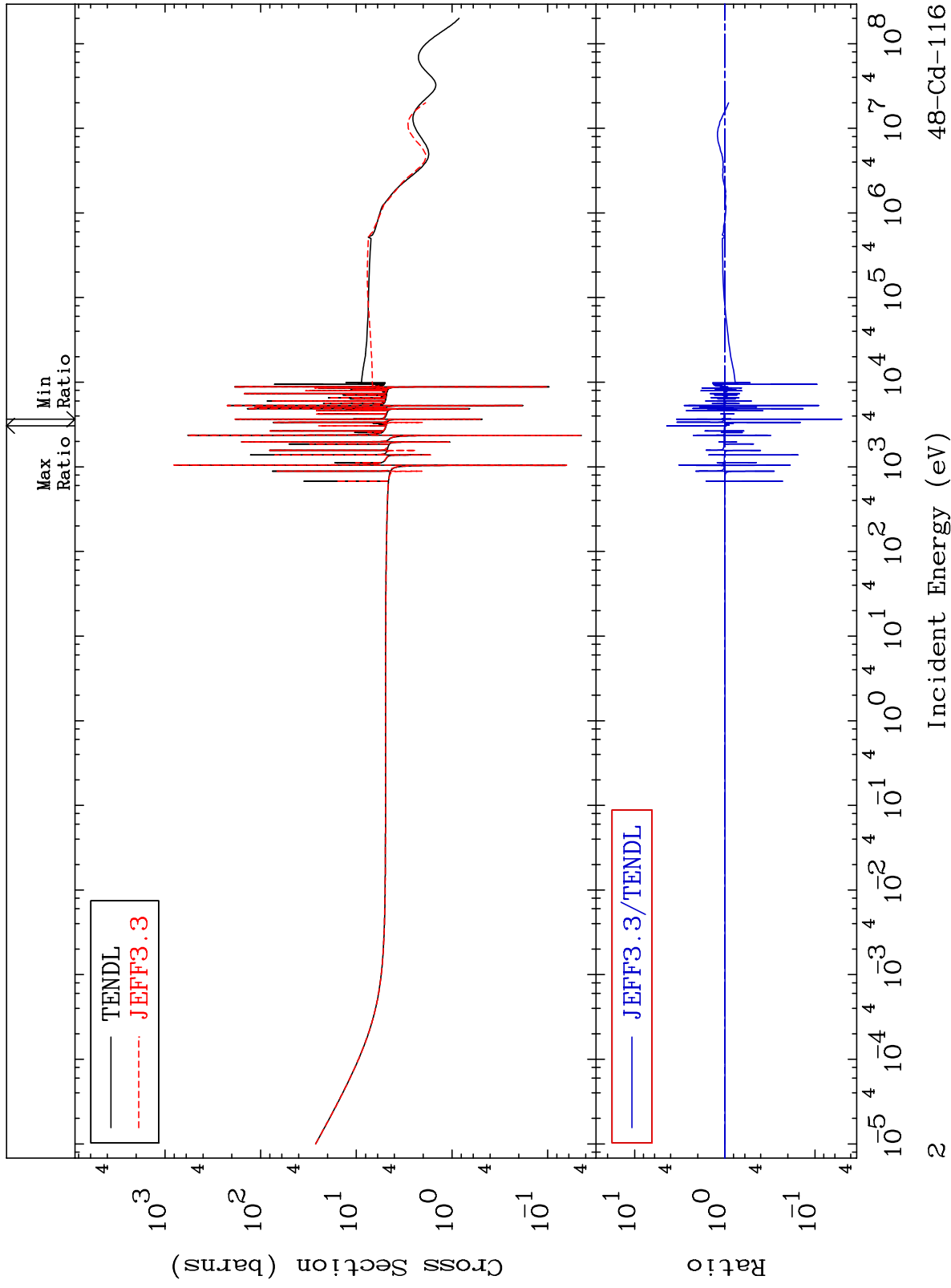


48-Cd-116

MAT 4855

Elastic
Cross Section

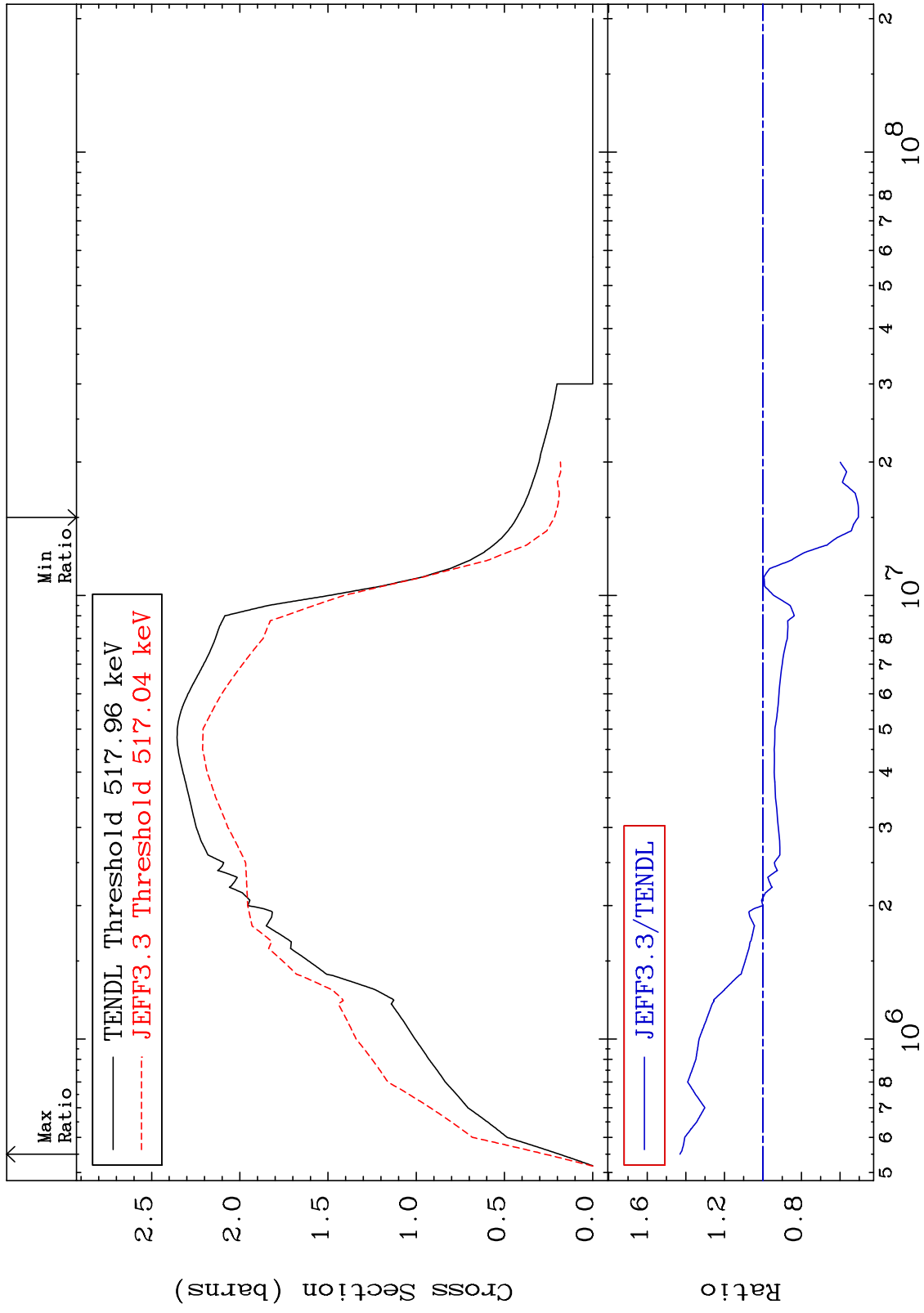
48-Cd-116
-94.96 To 339.8 %



48-Cd-116

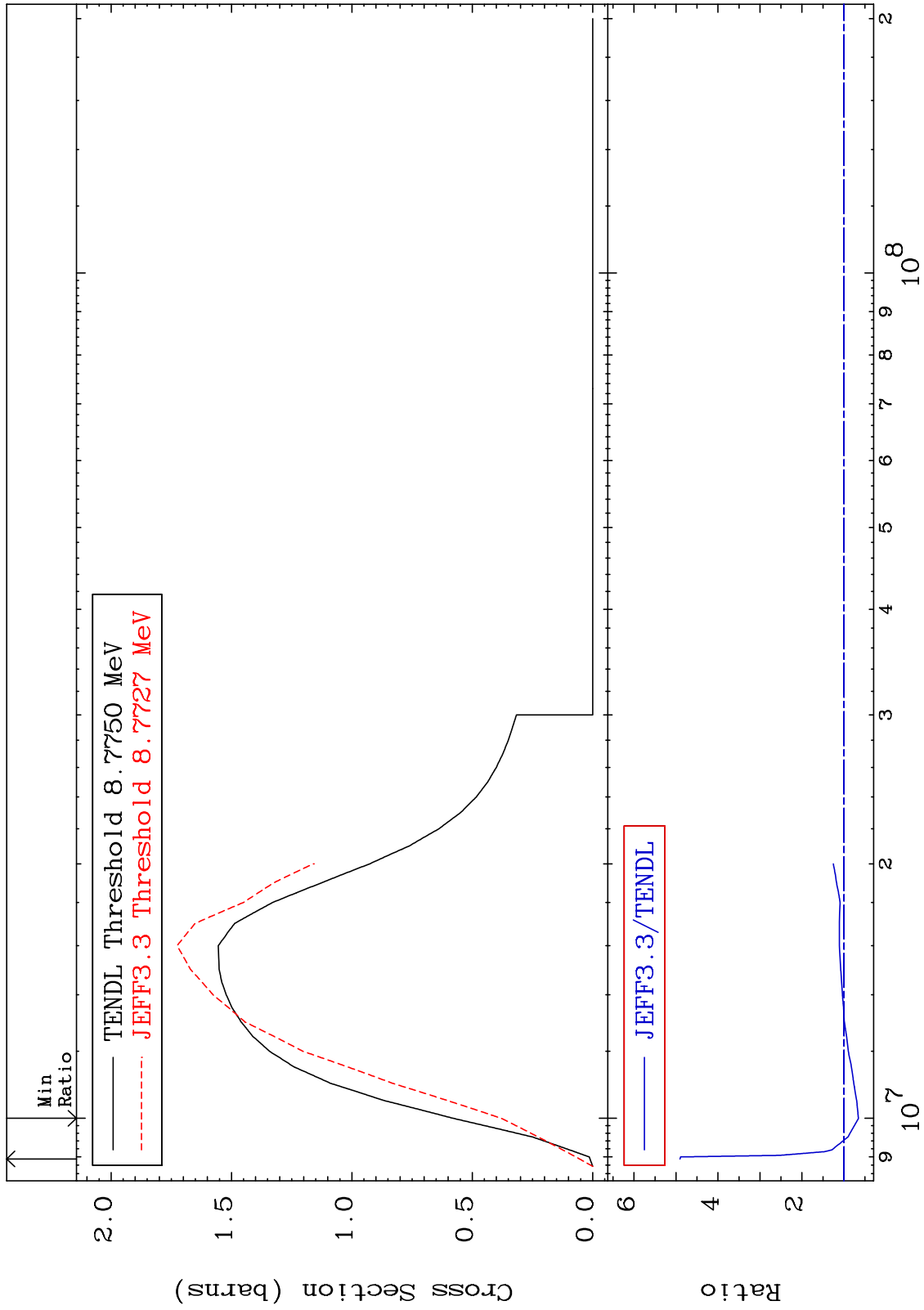
Incident Energy (eV)

MAT 4855 Inelastic Cross Section 48-Cd-116 -49.58 To 43.00 %



3 48-Cd-116

MAT 4855 (n,2n) Cross Section 48-Cd-116 -34.53 To 390.4 %



4 6 8 10 Ratio Incident Energy (eV) 48-Cd-116

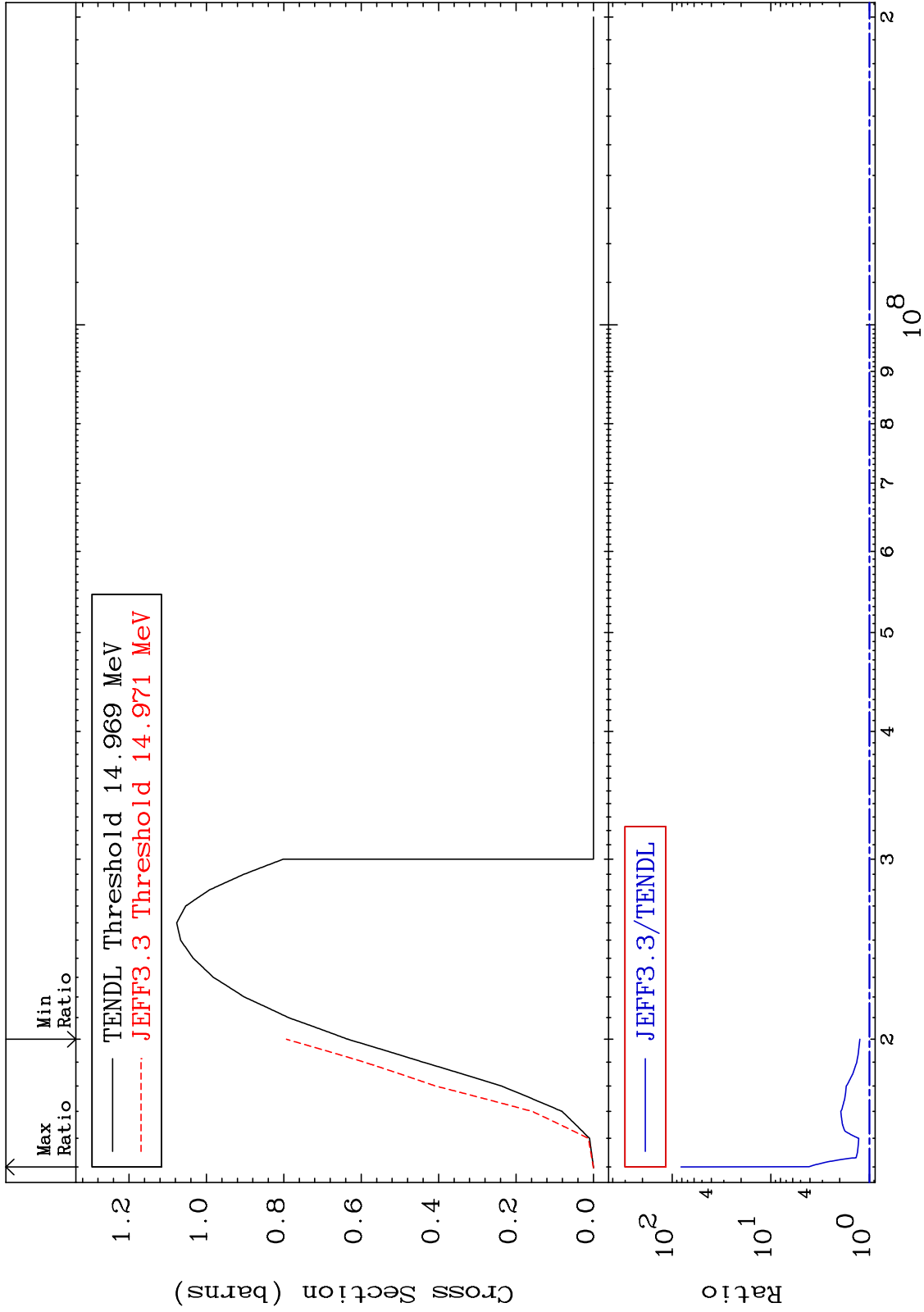
MAT 4855

(n,3n)

48-Cd-116

Cross Section

25.03 To 8037. %



Incident Energy (eV)

48-Cd-116

5

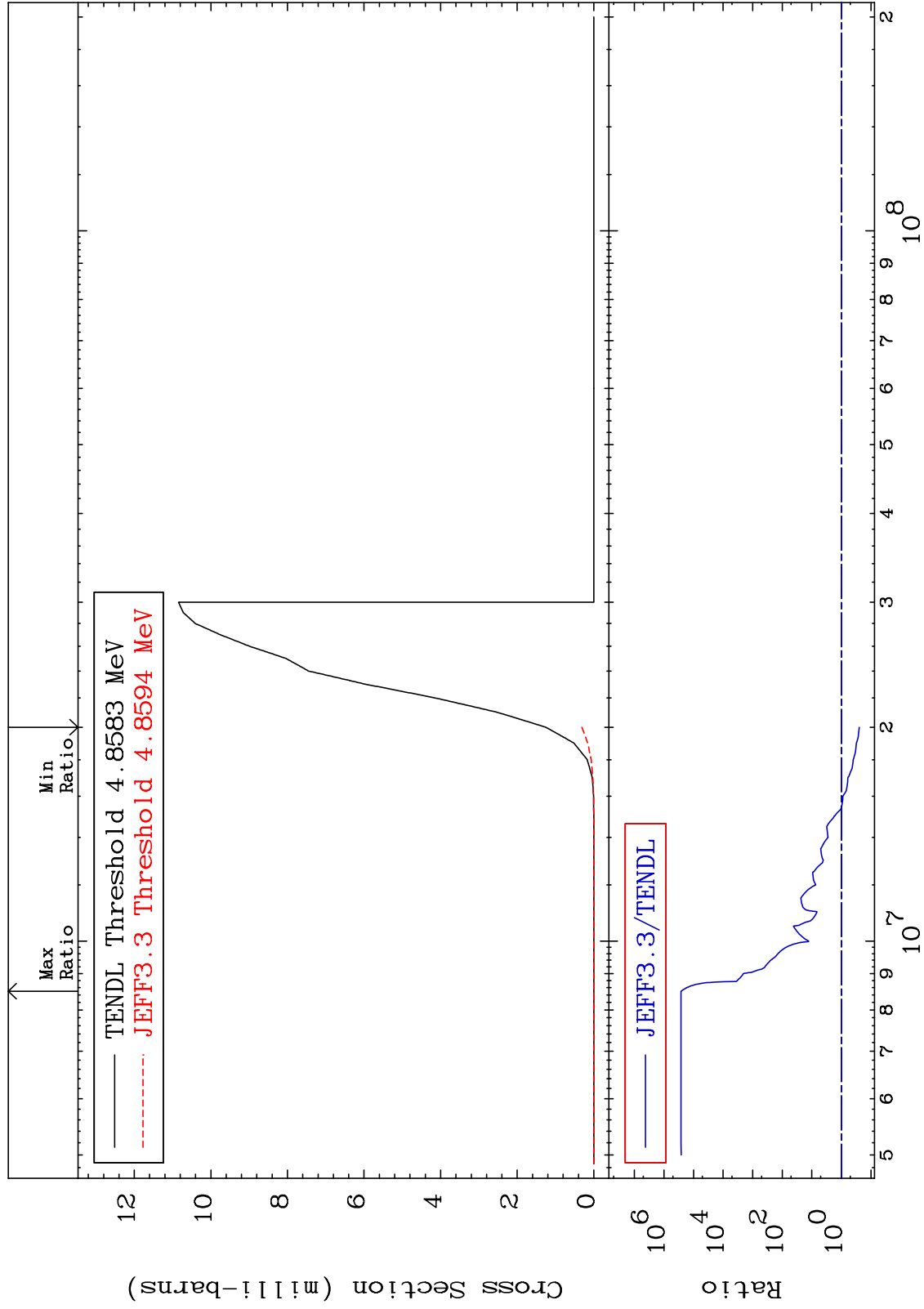
MAT 4855

(n,n') α

48-Cd-116

Cross Section

-75.27 To 9999. %



48-Cd-116

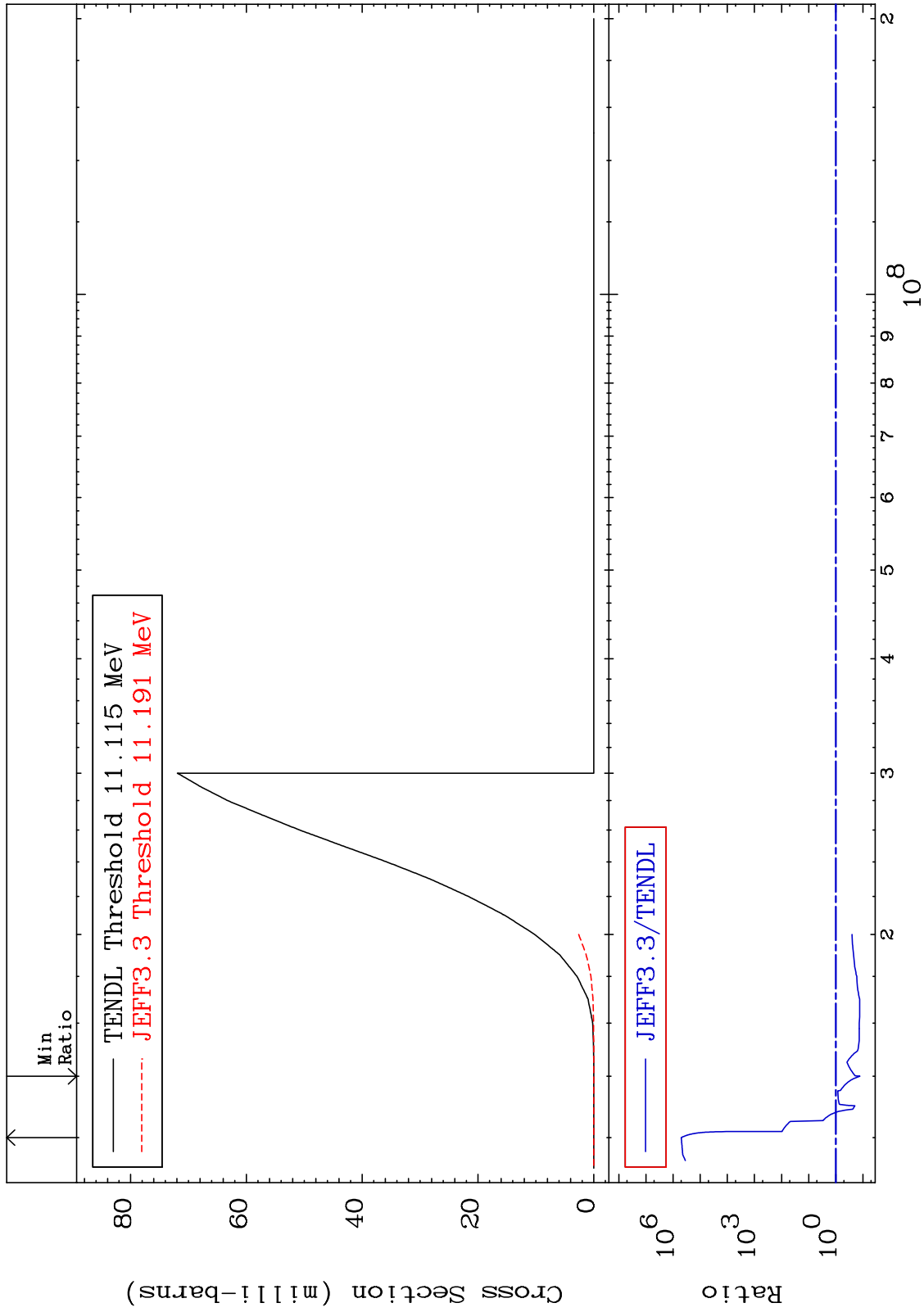
Incident Energy (eV)

6

MAT 4855

(n,n') p
Cross Section

48-Cd-116
-87.09 To 9999. %



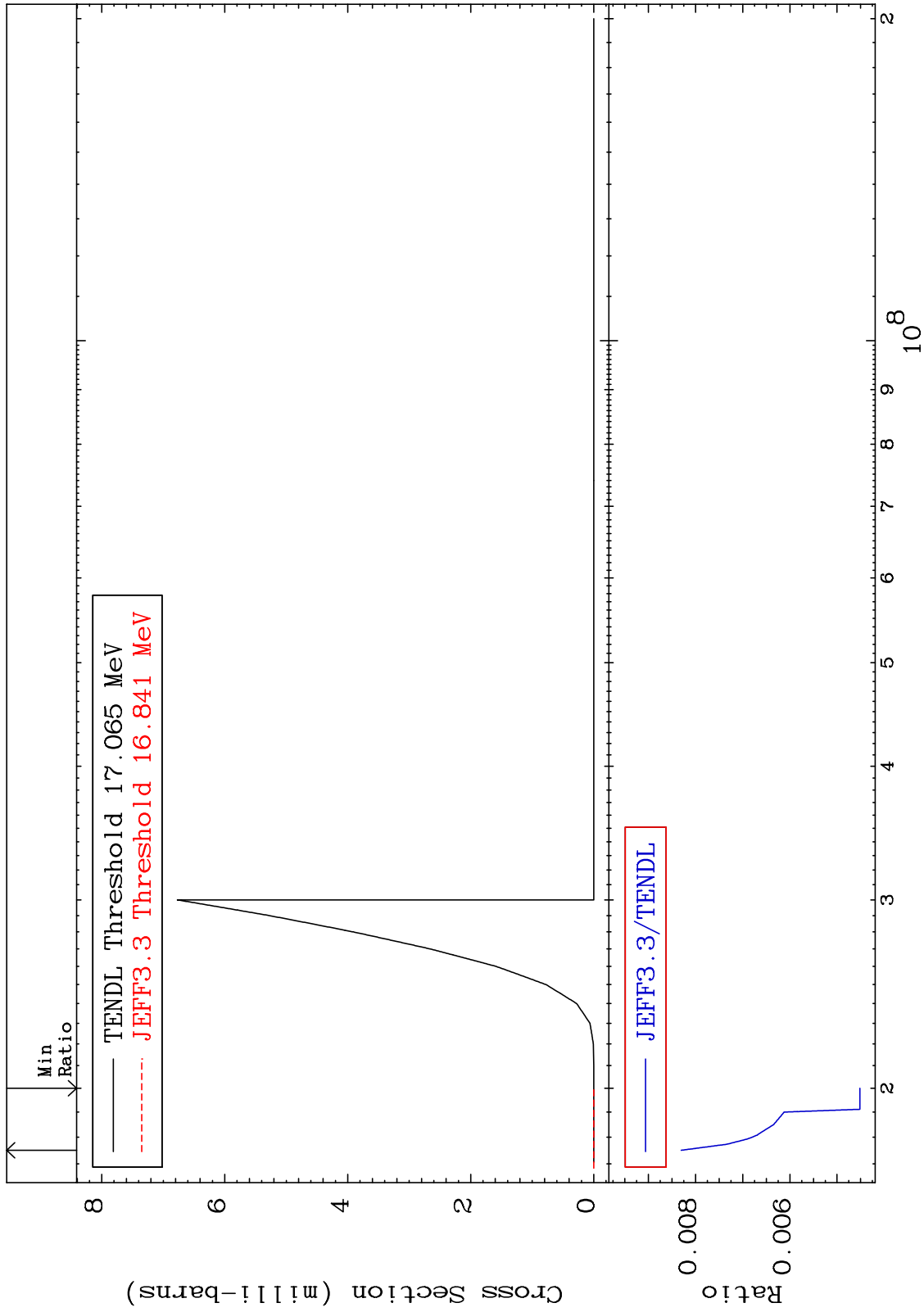
MAT 4855

(n,n') d

48-Cd-116

Cross Section

-99.55 To -99.17%



8

Incident Energy (eV)

48-Cd-116

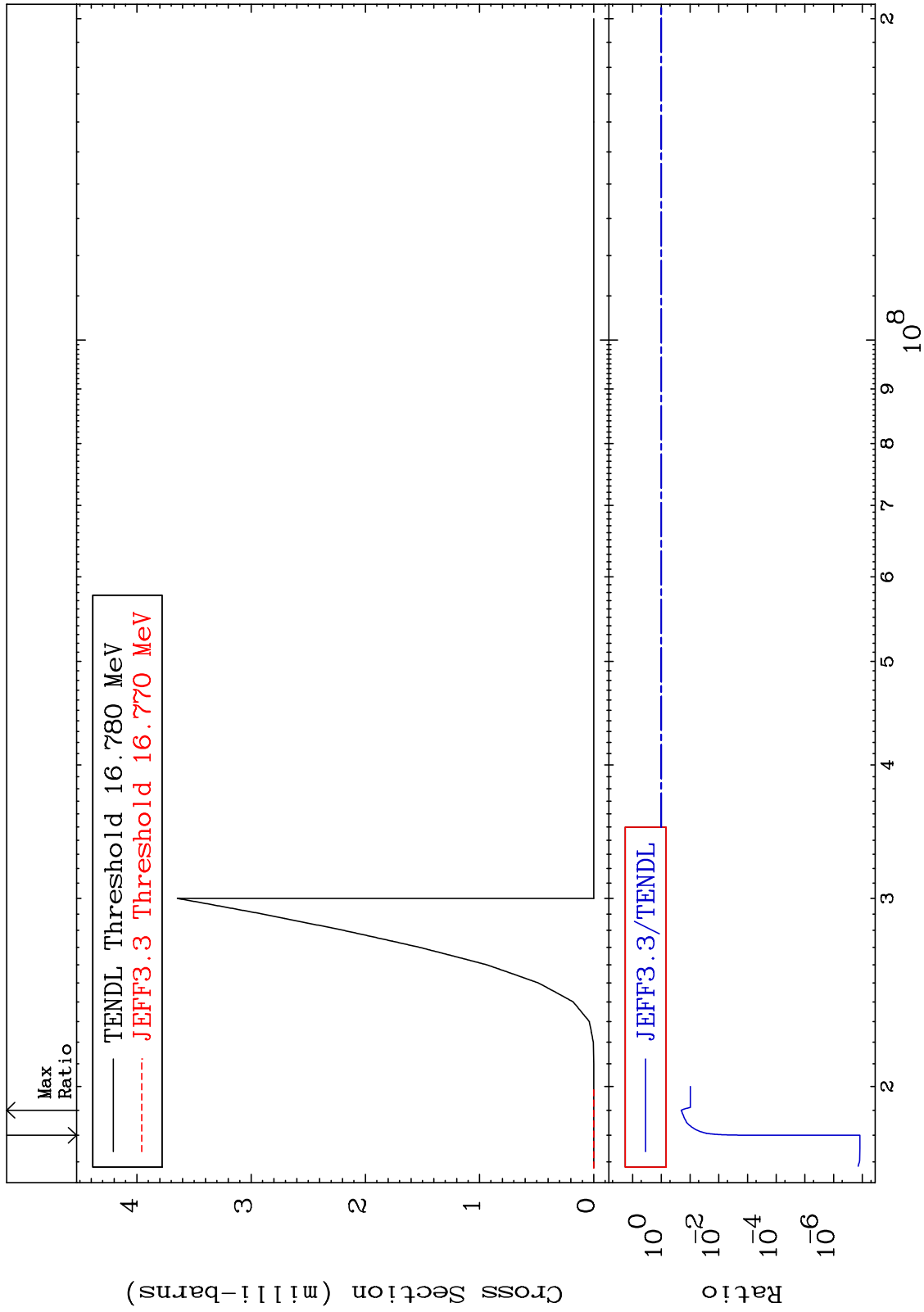
MAT 4855

(n, n') t

48-Cd-116

Cross Section

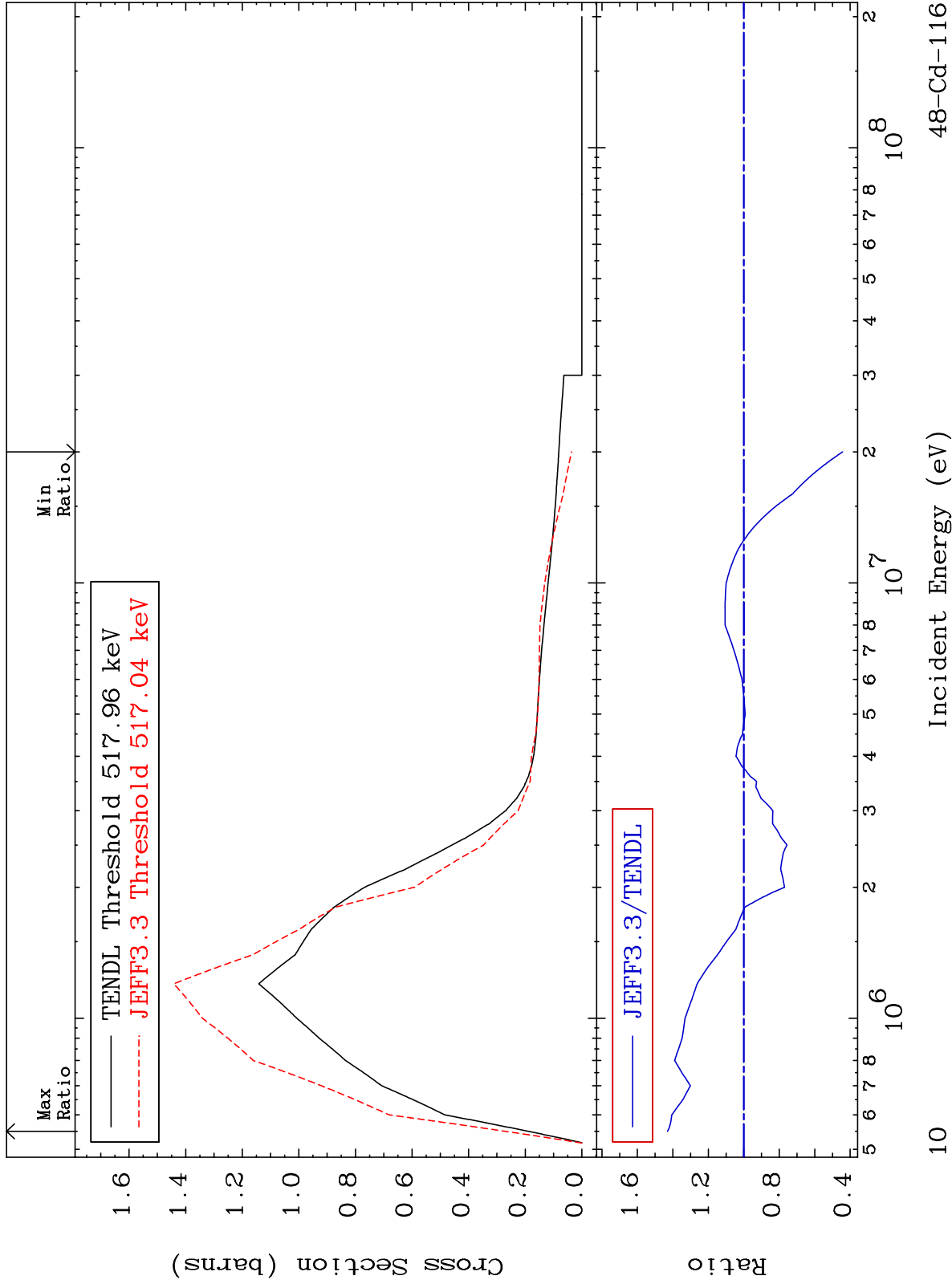
-100.0 To -79.72%



MAT 4855

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

48-Cd-116
-55.74 To 43.00 %

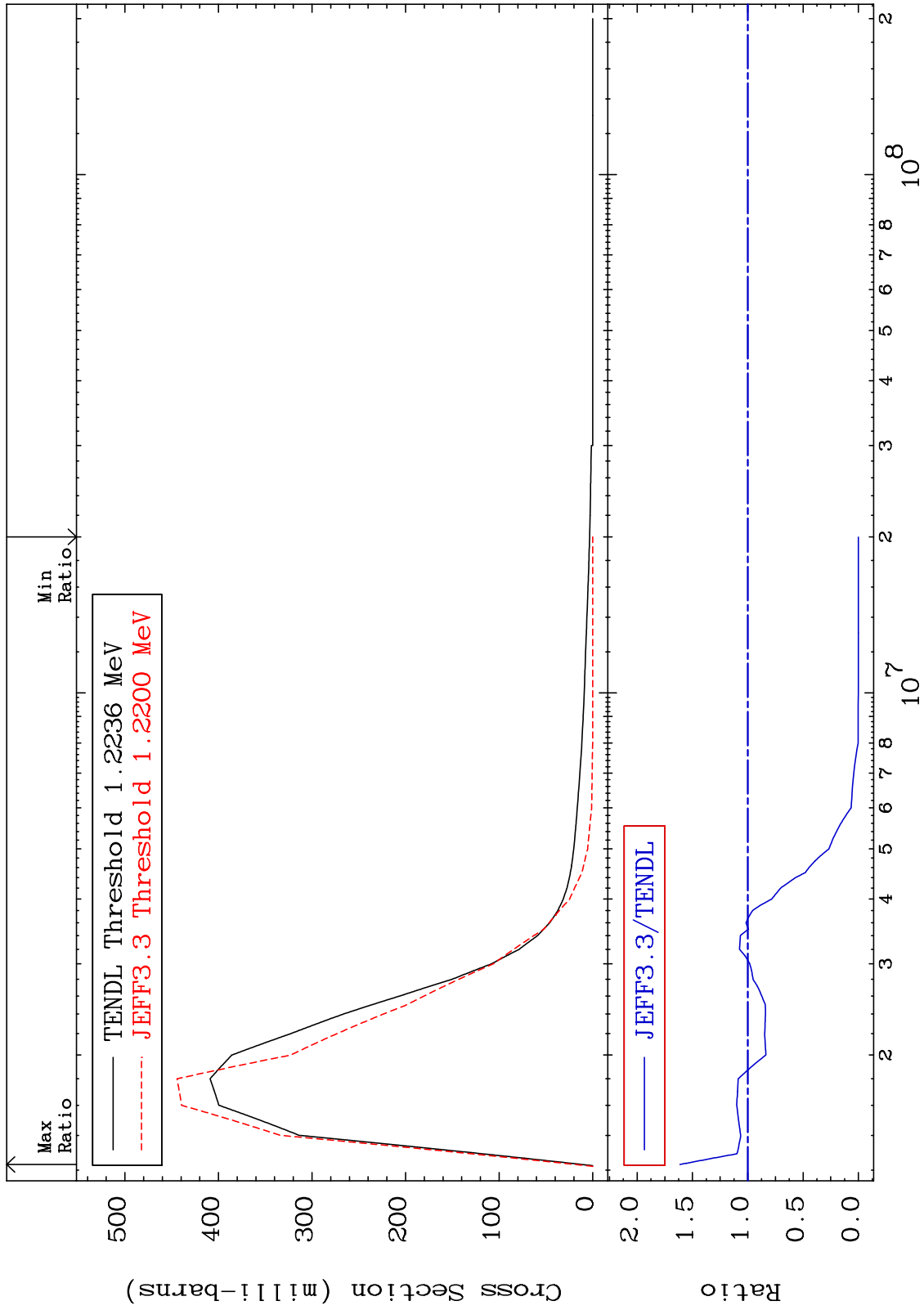


48-Cd-116

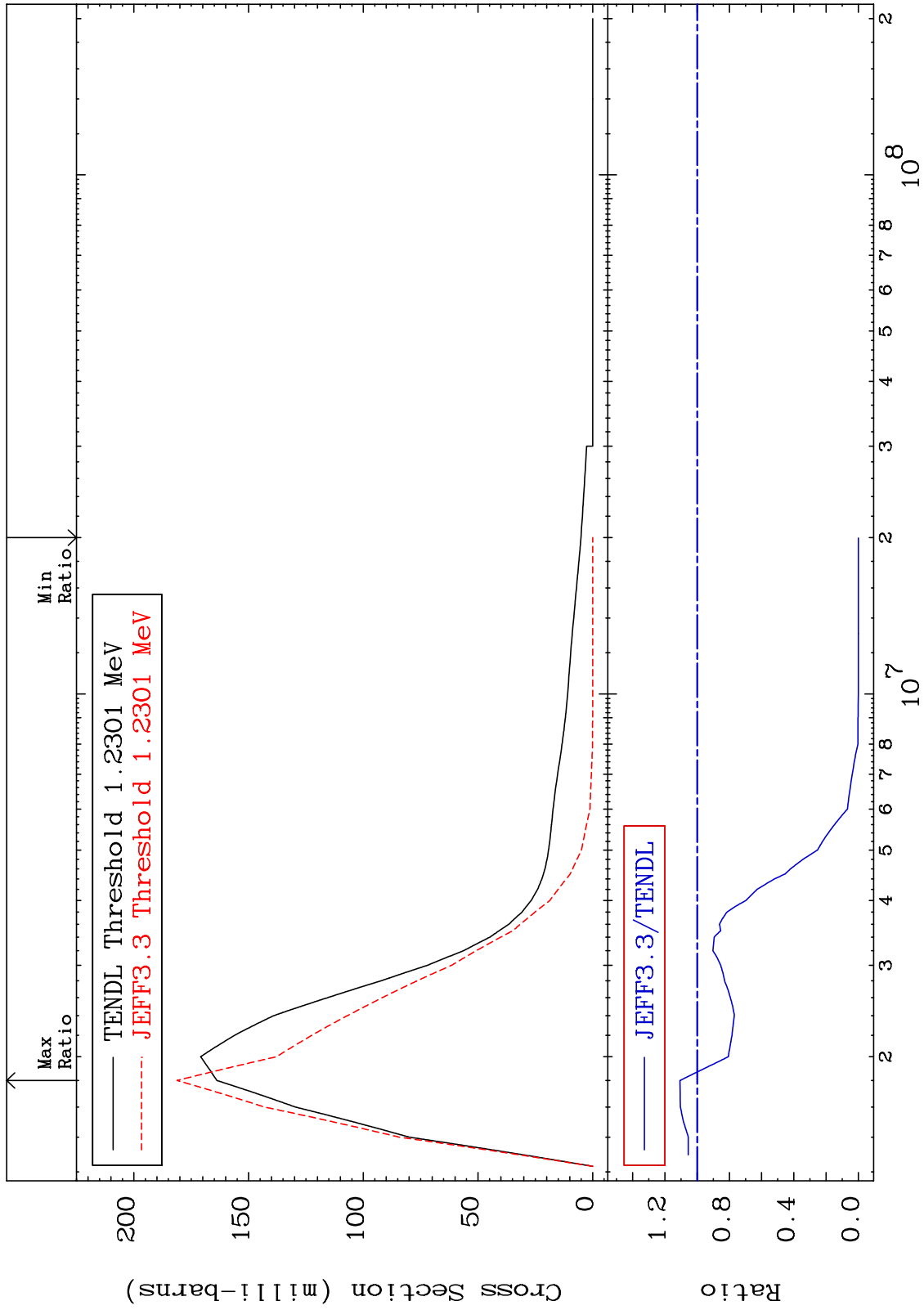
Incident Energy (eV)

10

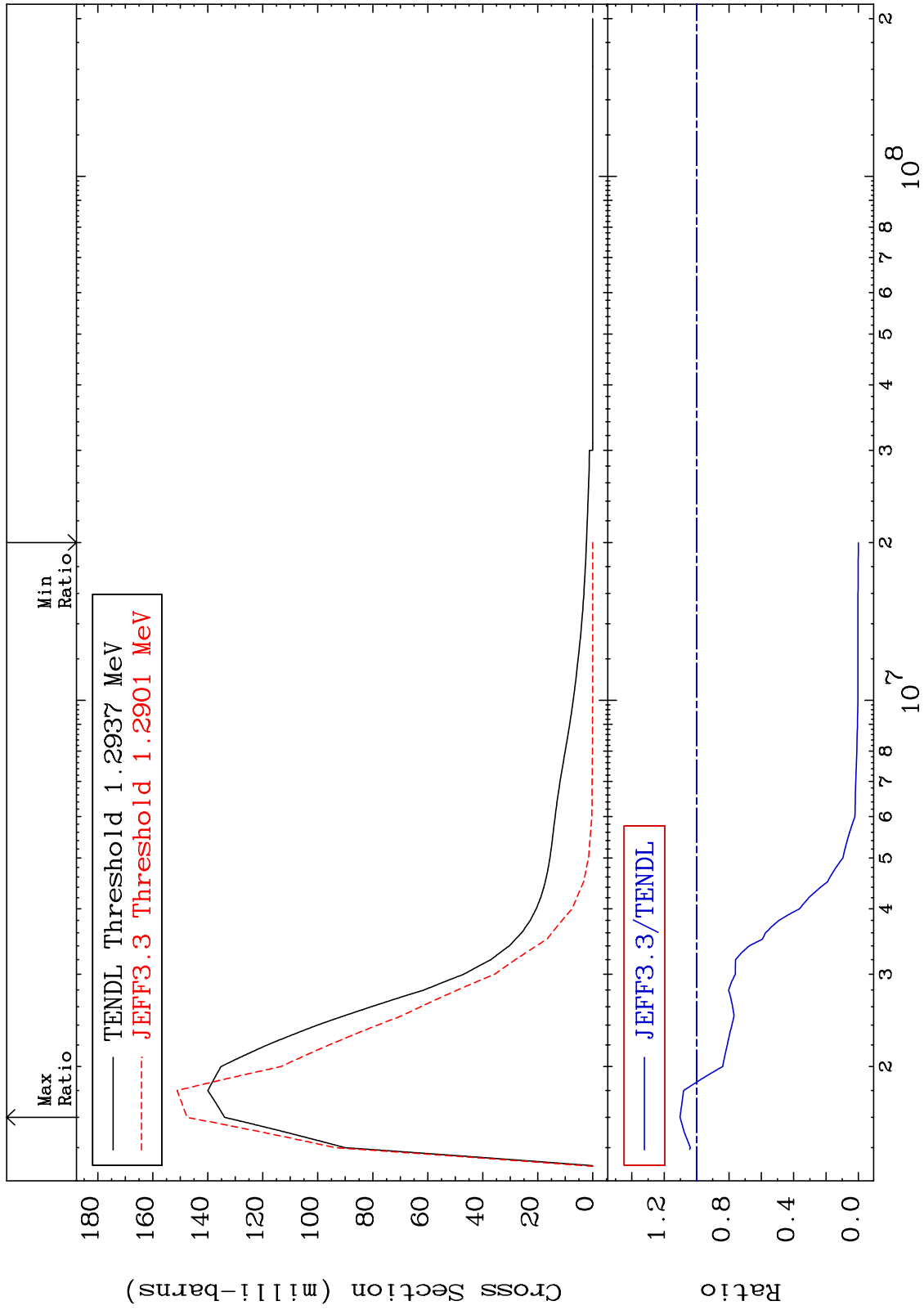
MAT 4855 MT= 52 (n, n') Level
 Cross Section 48-Cd-116
 -100.0 To 61.25 %



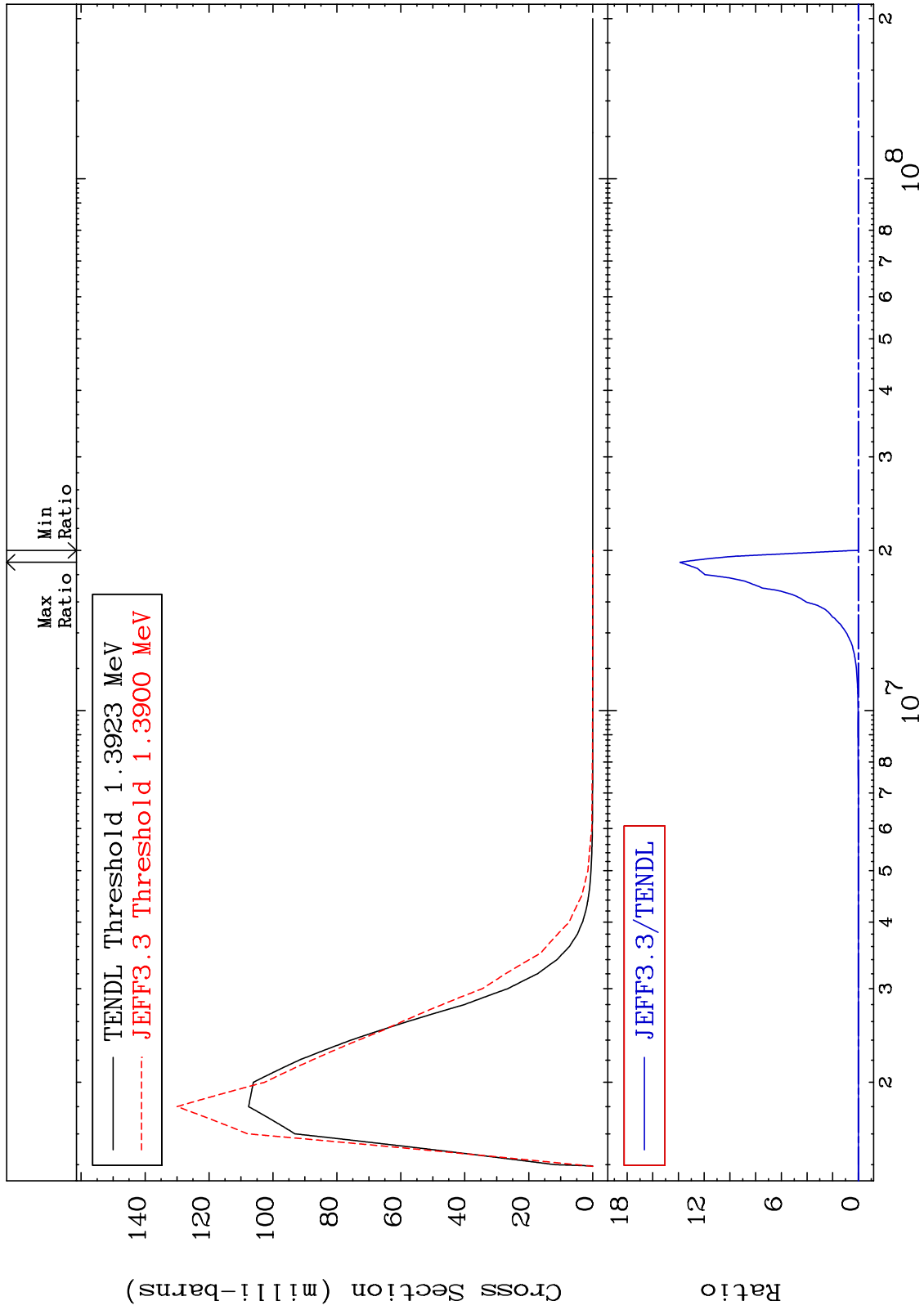
MAT 4855 MT= 53 (n, n') Level
 Cross Section 48-Cd-116
 -100.0 To 10.59 %



MAT 4855 MT= 54 (n, n') Level Cross Section 48-Cd-116
 -100.0 To 10.22 %



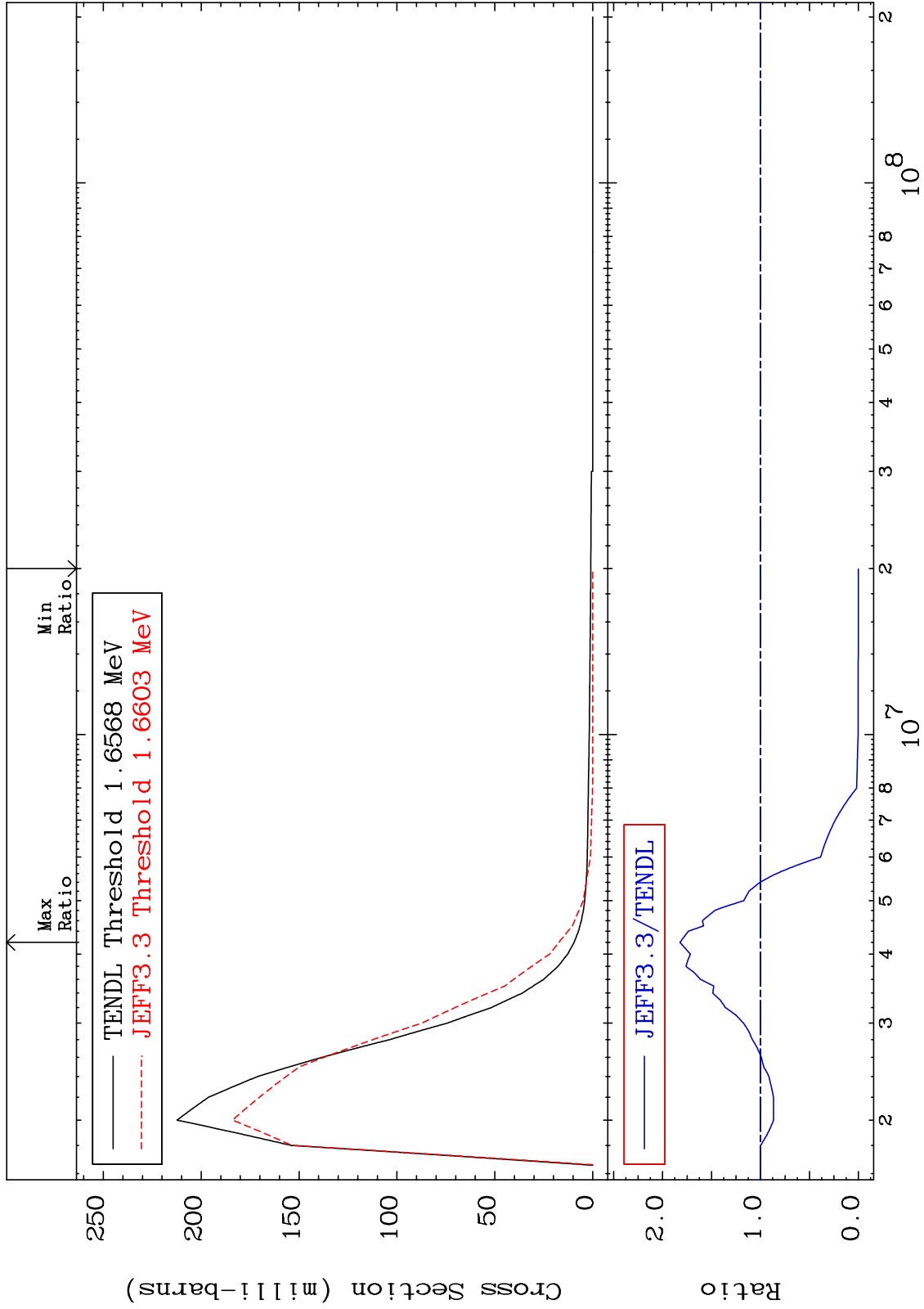
MAT 4855 MT= 55 (n,n') Level 48-Cd-116
 Cross Section -100.0 To 9999. %



MAT 4855

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

48-Cd-116
-100.0 To 82.19 %



15

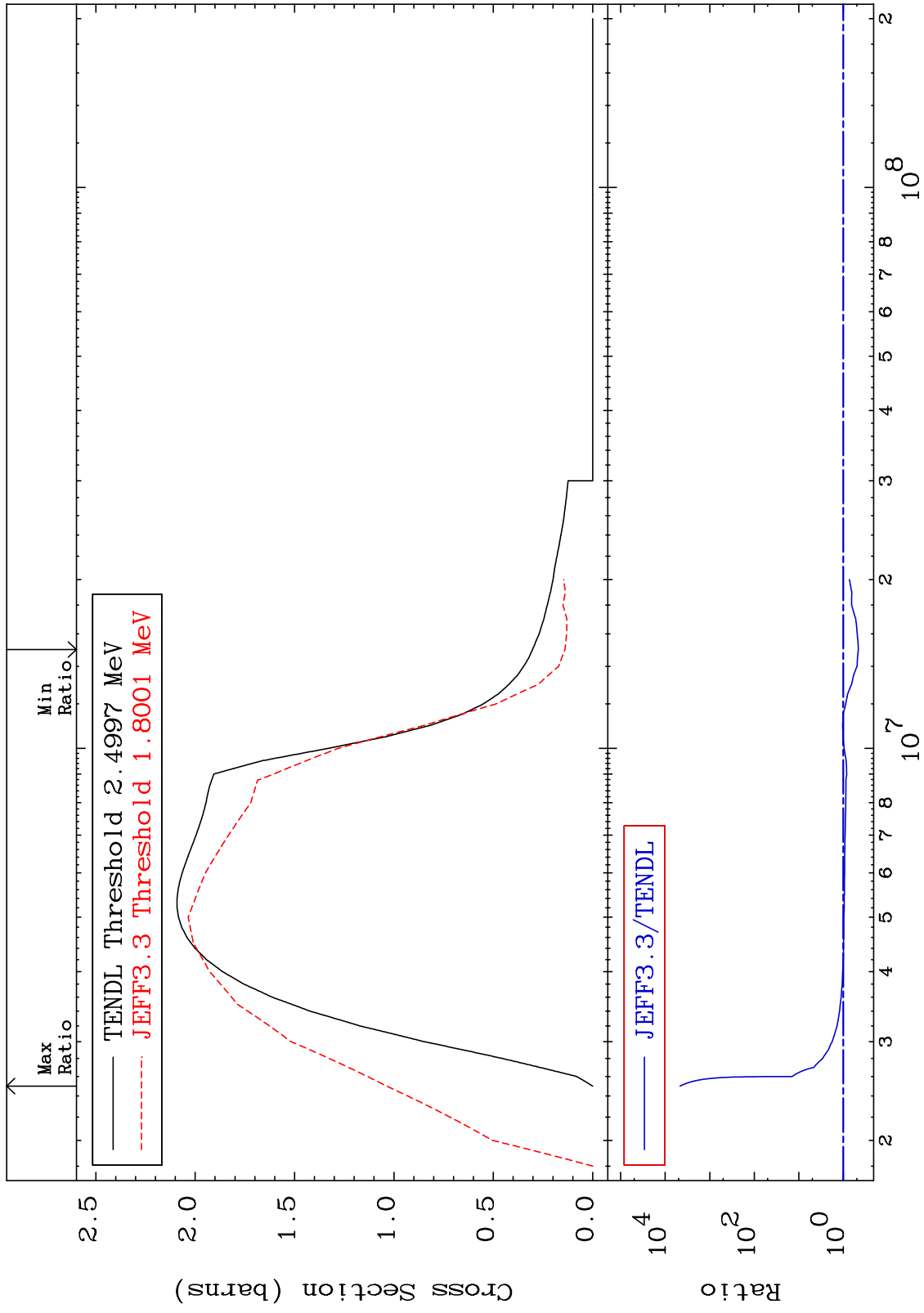
Incident Energy (eV)

48-Cd-116

MAT 4855

(n, n') Continuum
Cross Section

48-Cd-116
-53.99 To 9999. %



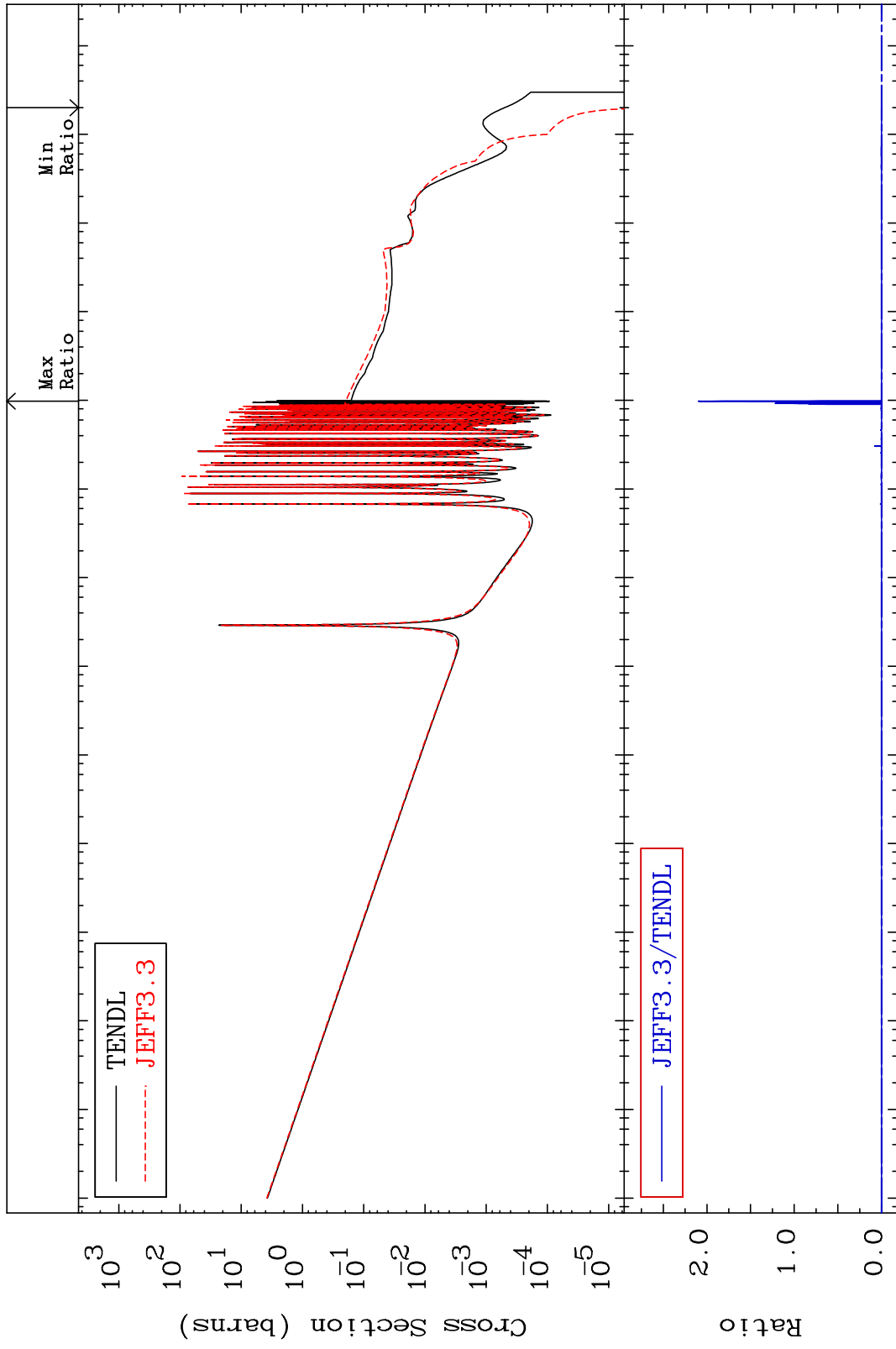
MAT 4855

(n, γ)

48-Cd-116

Cross Section

-100.0 To 9999. %



Incident Energy (eV) 48-Cd-116

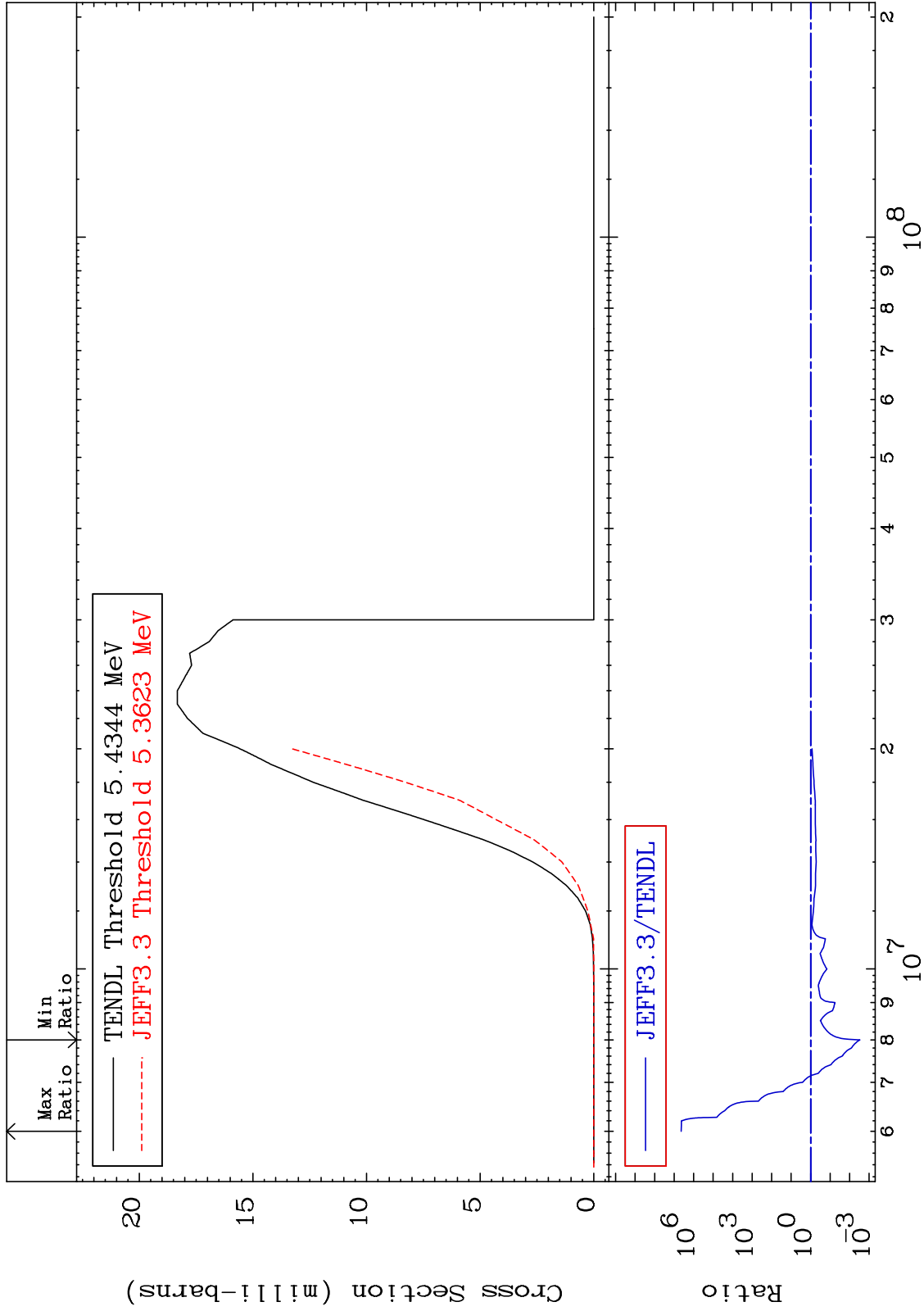
MAT 4855

(n,p)

48-Cd-116

Cross Section

-99.70 To 9999. %



18

Incident Energy (eV)

48-Cd-116

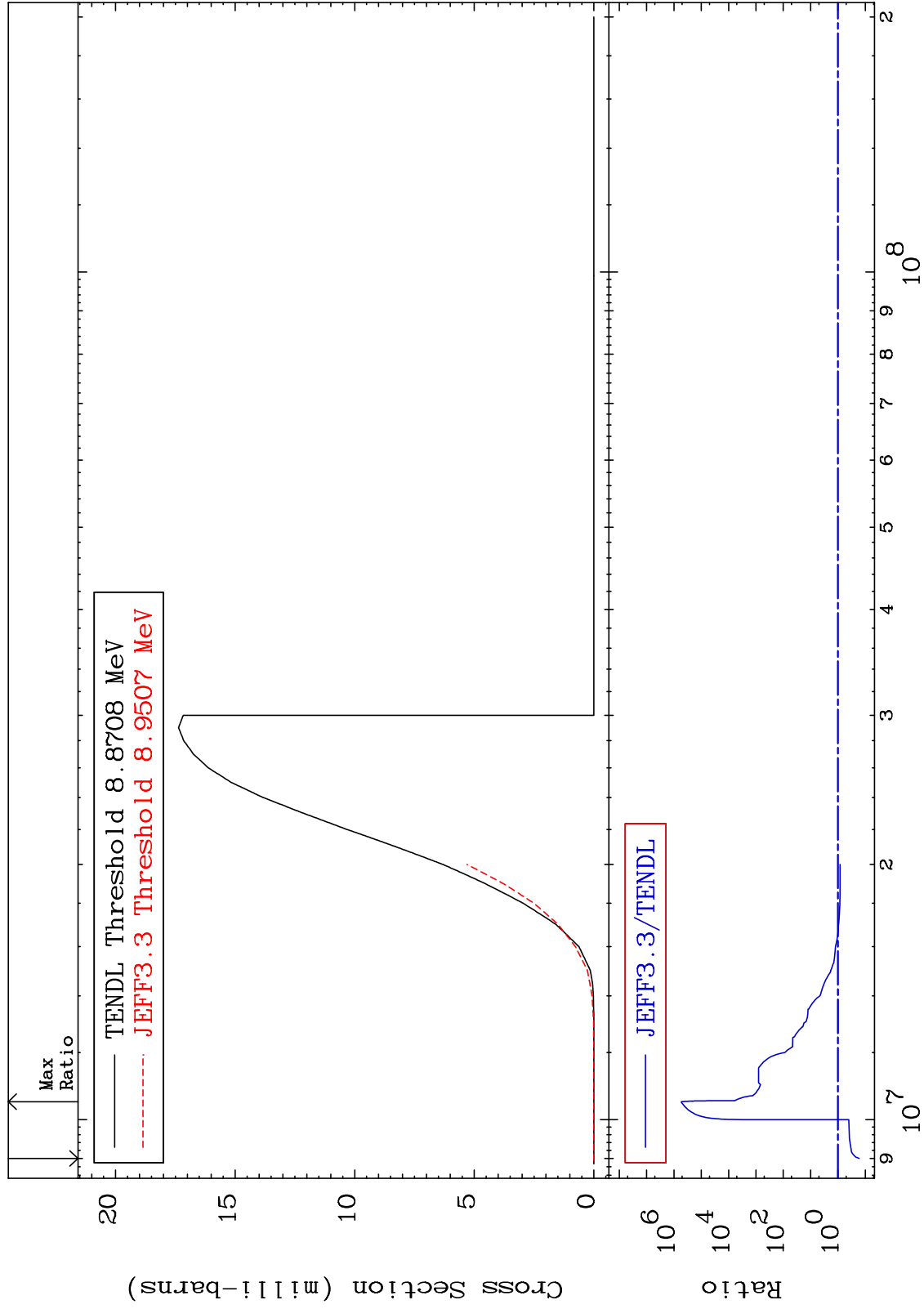
MAT 4855

(n, d)

48-Cd-116

Cross Section

-83.42 To 9999. %



19

Incident Energy (eV)

48-Cd-116

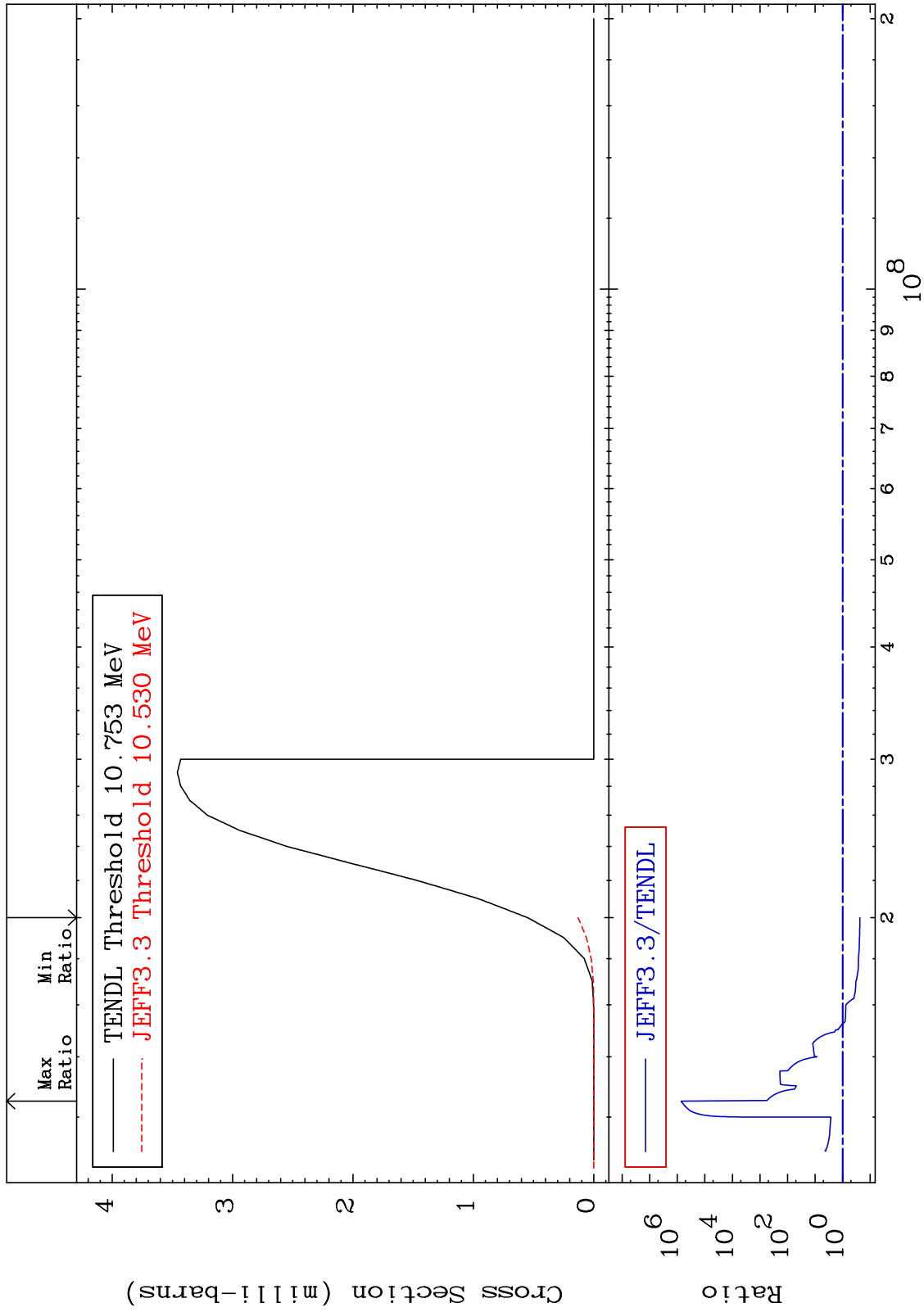
MAT 4855

(n, t)

48-Cd-116

-76.42 To 9999. %

Cross Section



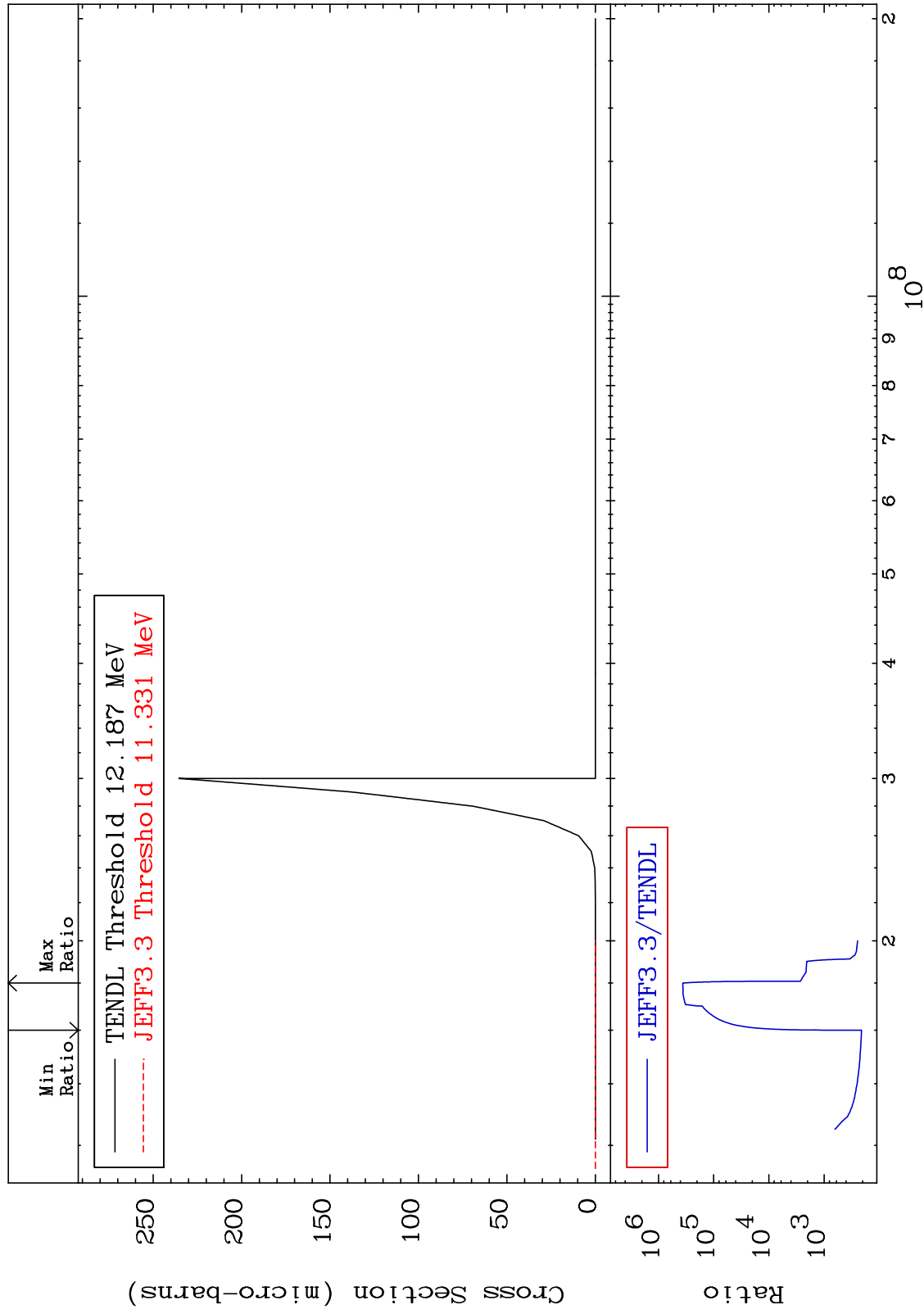
MAT 4855

(n, He-3)

48-Cd-116

Cross Section

9999. To 9999. %



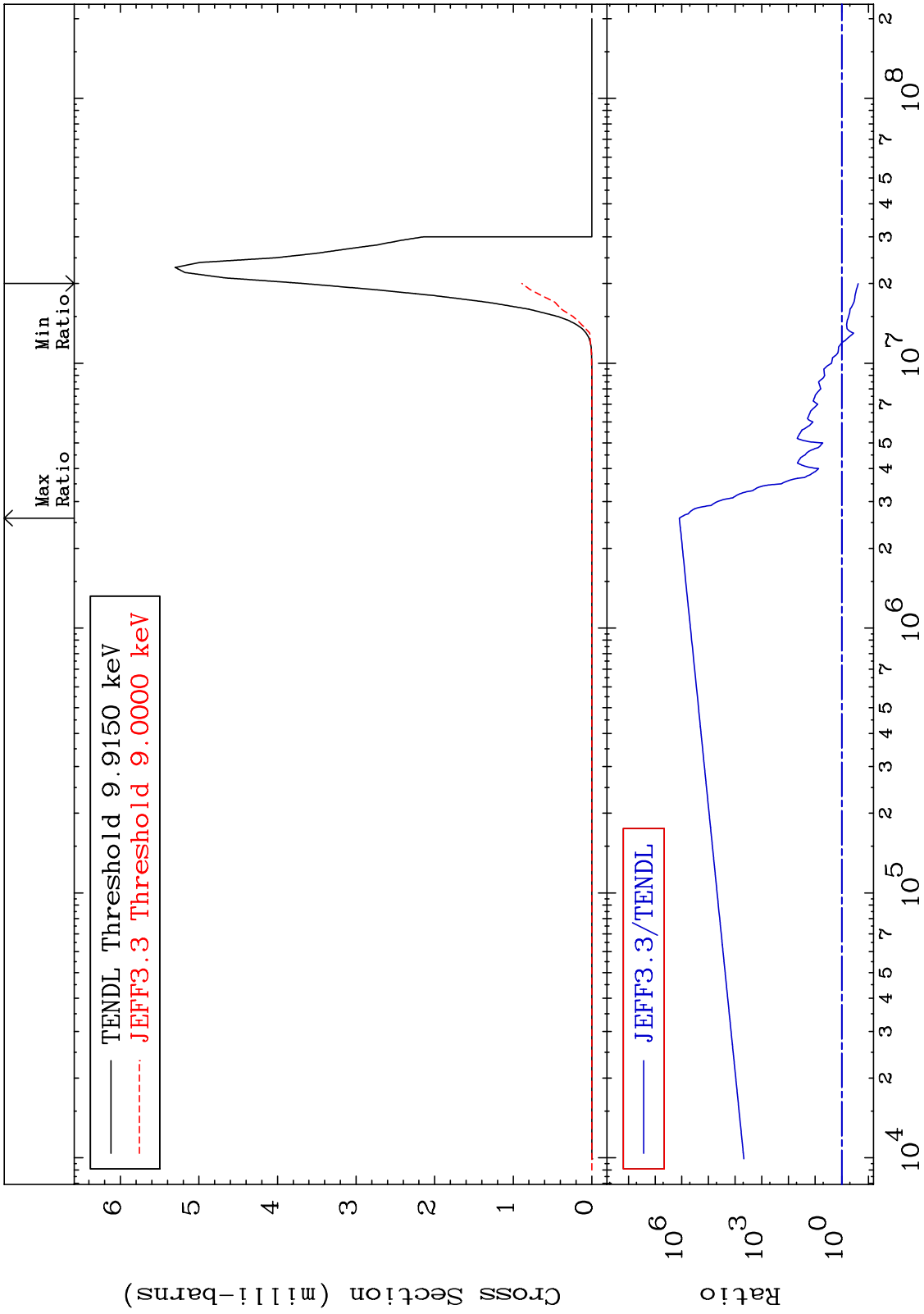
MAT 4855

(n, α)

48-Cd-116

-75.79 To 9999. %

Cross Section



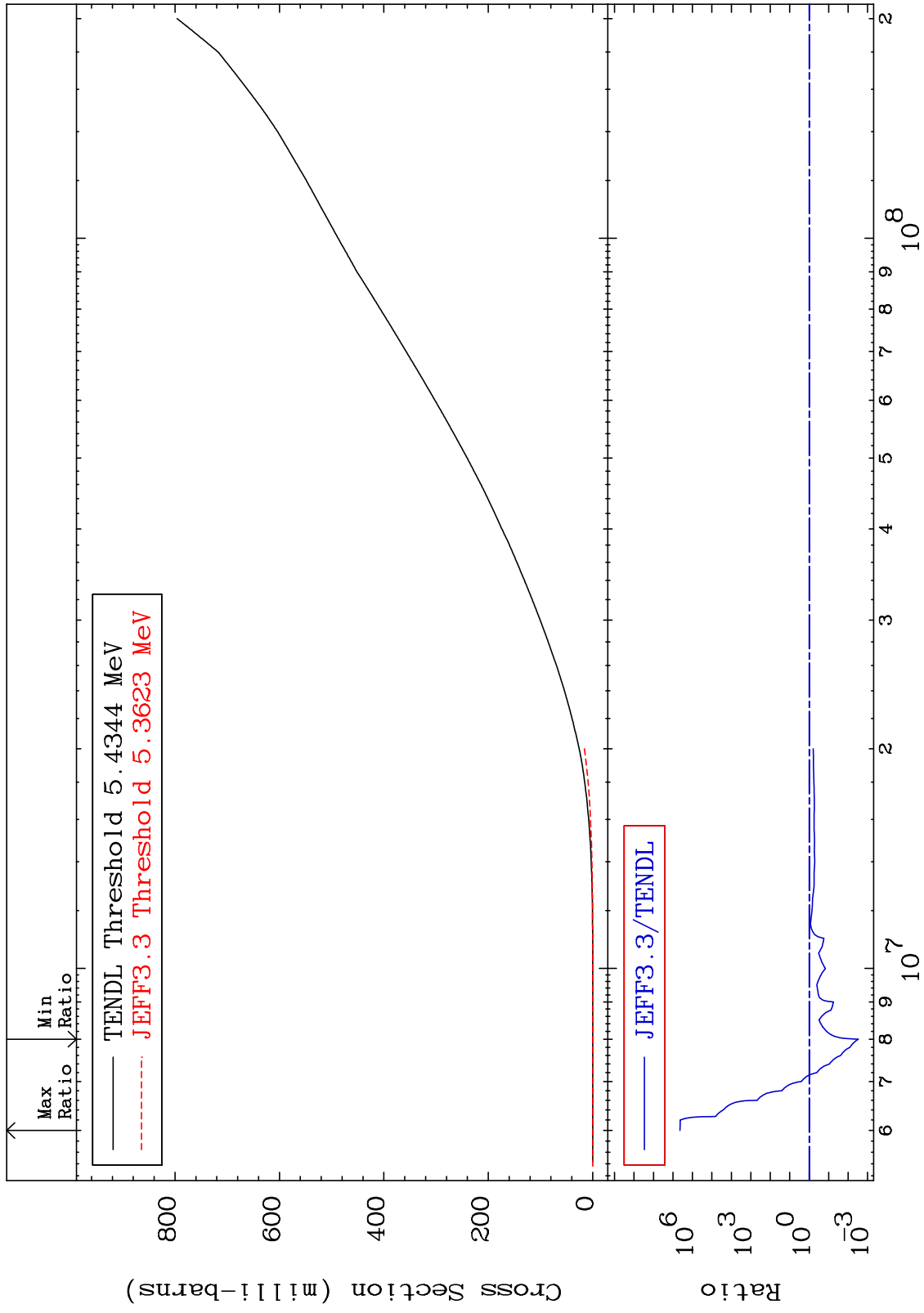
22

48-Cd-116

MAT 4855

Hydrogen Production
Cross Section

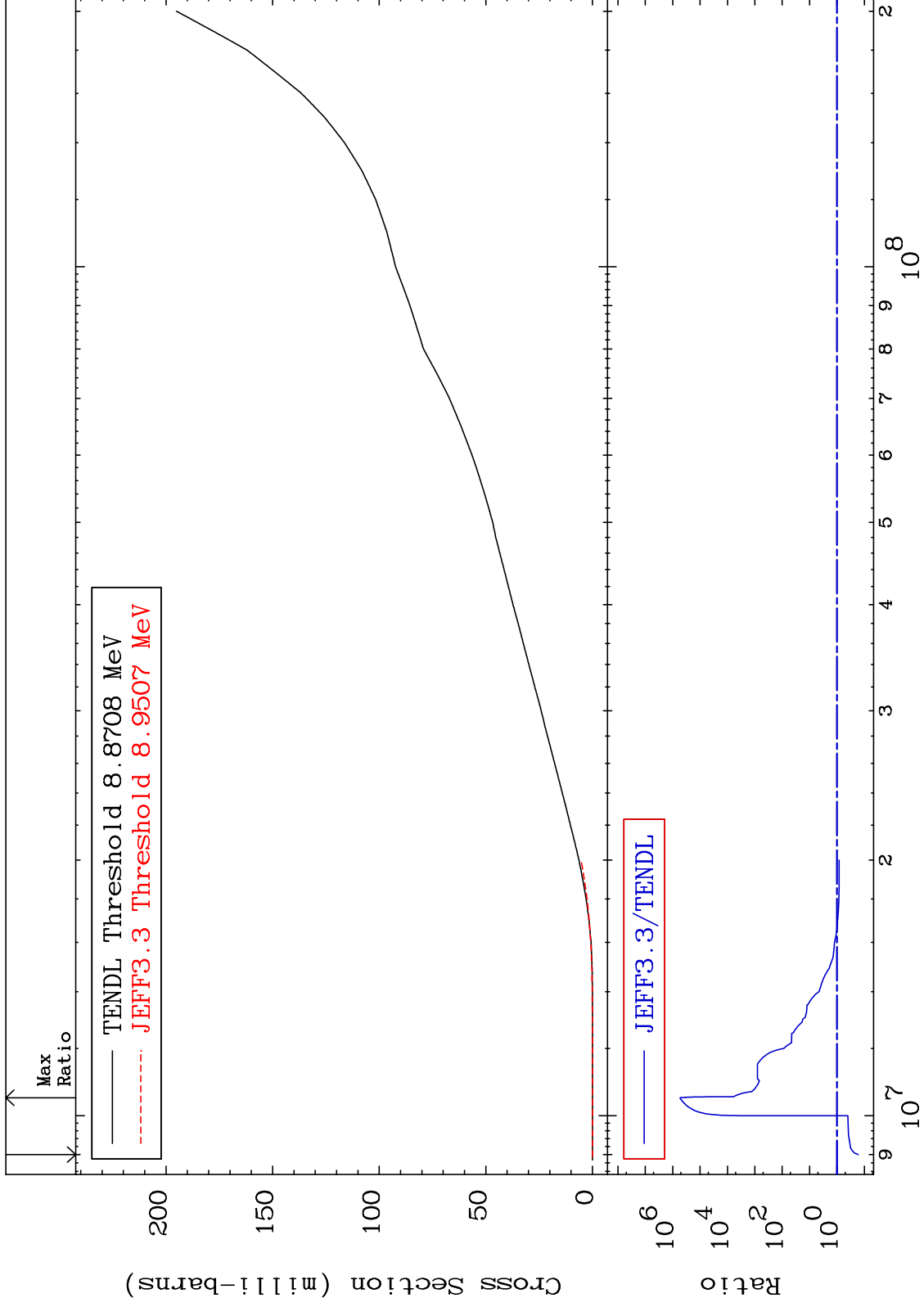
48-Cd-116
-99.70 To 9999. %



MAT 4855

Deuterium Production
Cross Section

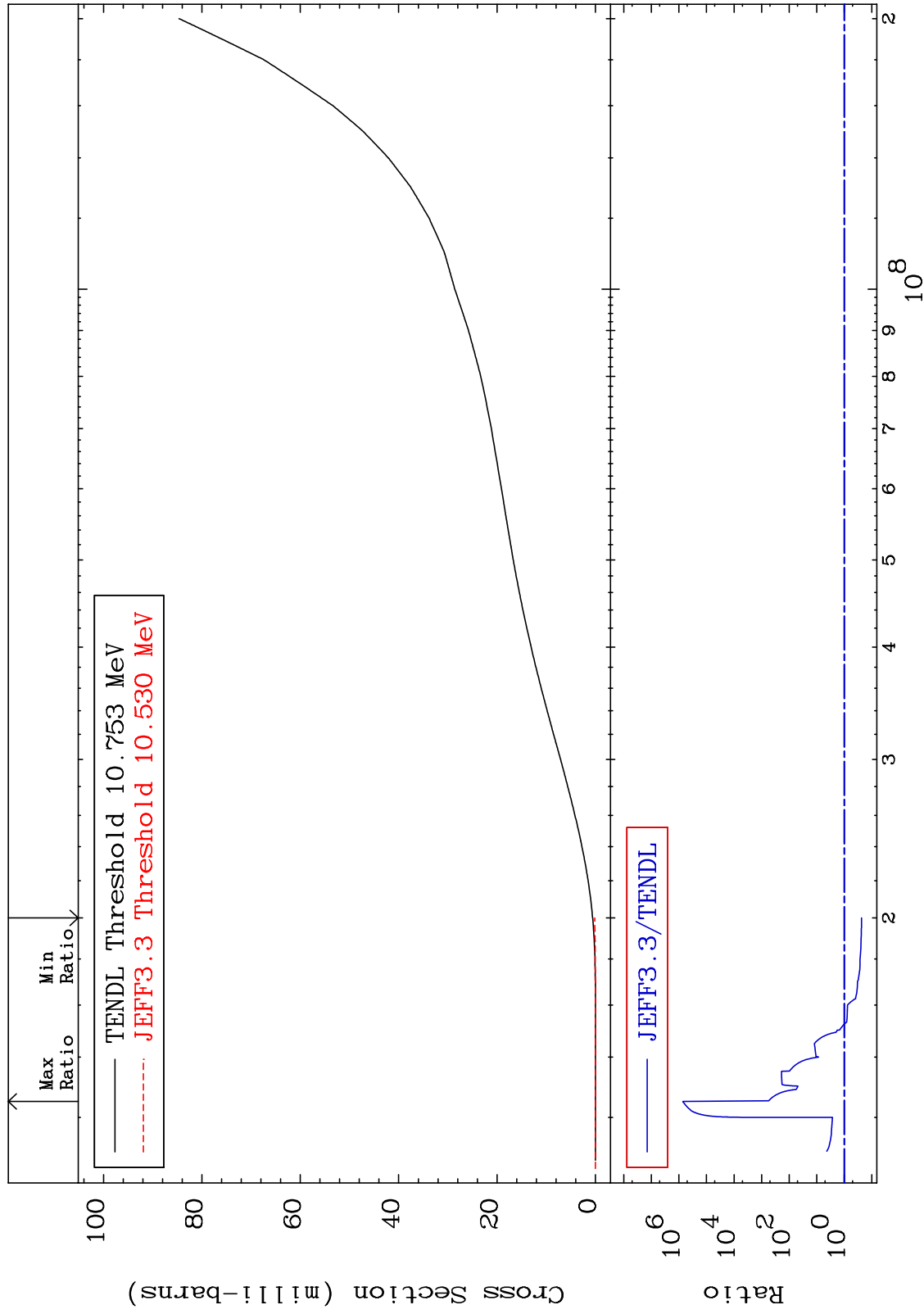
48-Cd-116
-83.42 To 9999. %



MAT 4855

Tritium Production
Cross Section

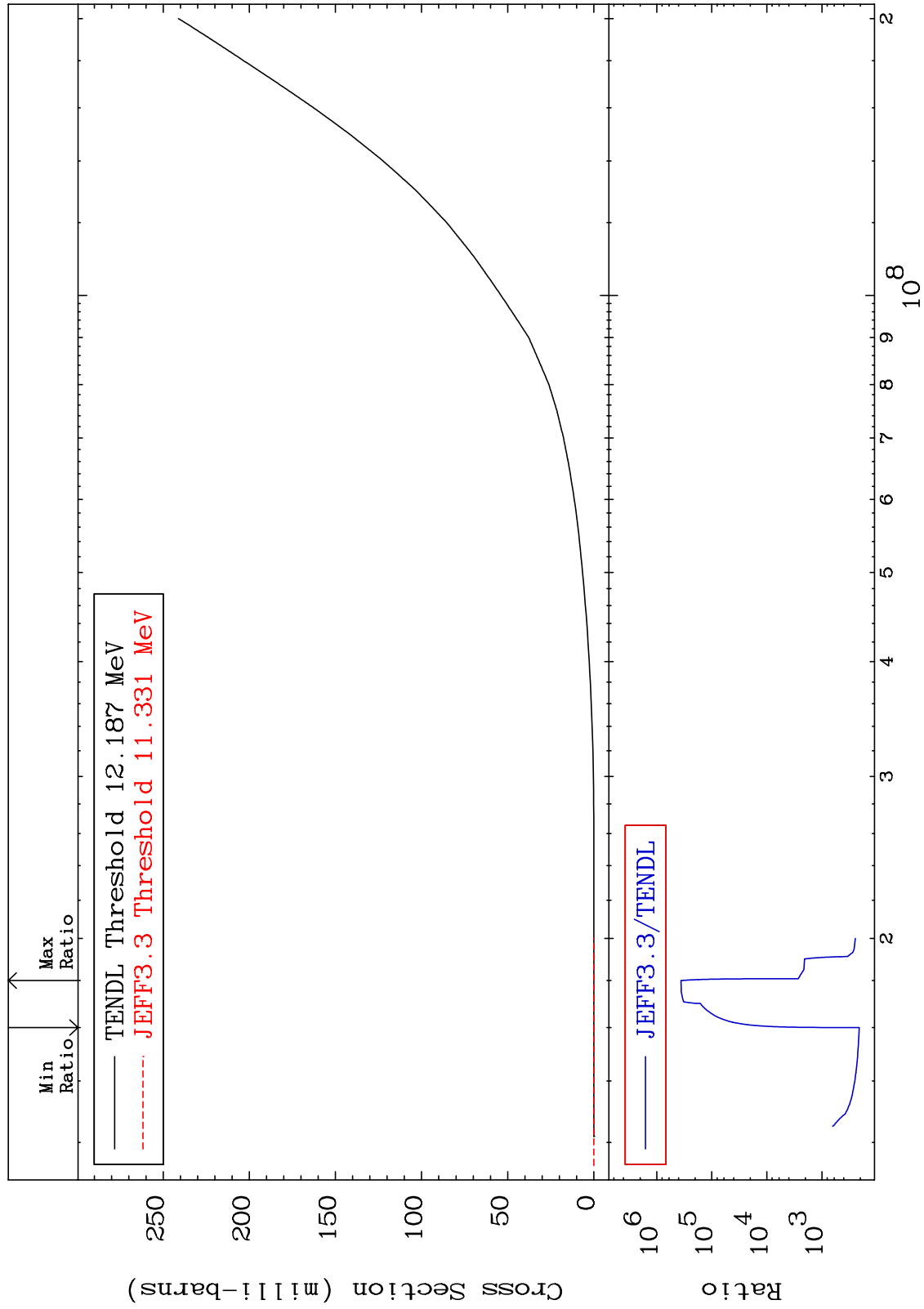
48-Cd-116
-76.42 To 9999. %



MAT 4855

He-3 Production
Cross Section

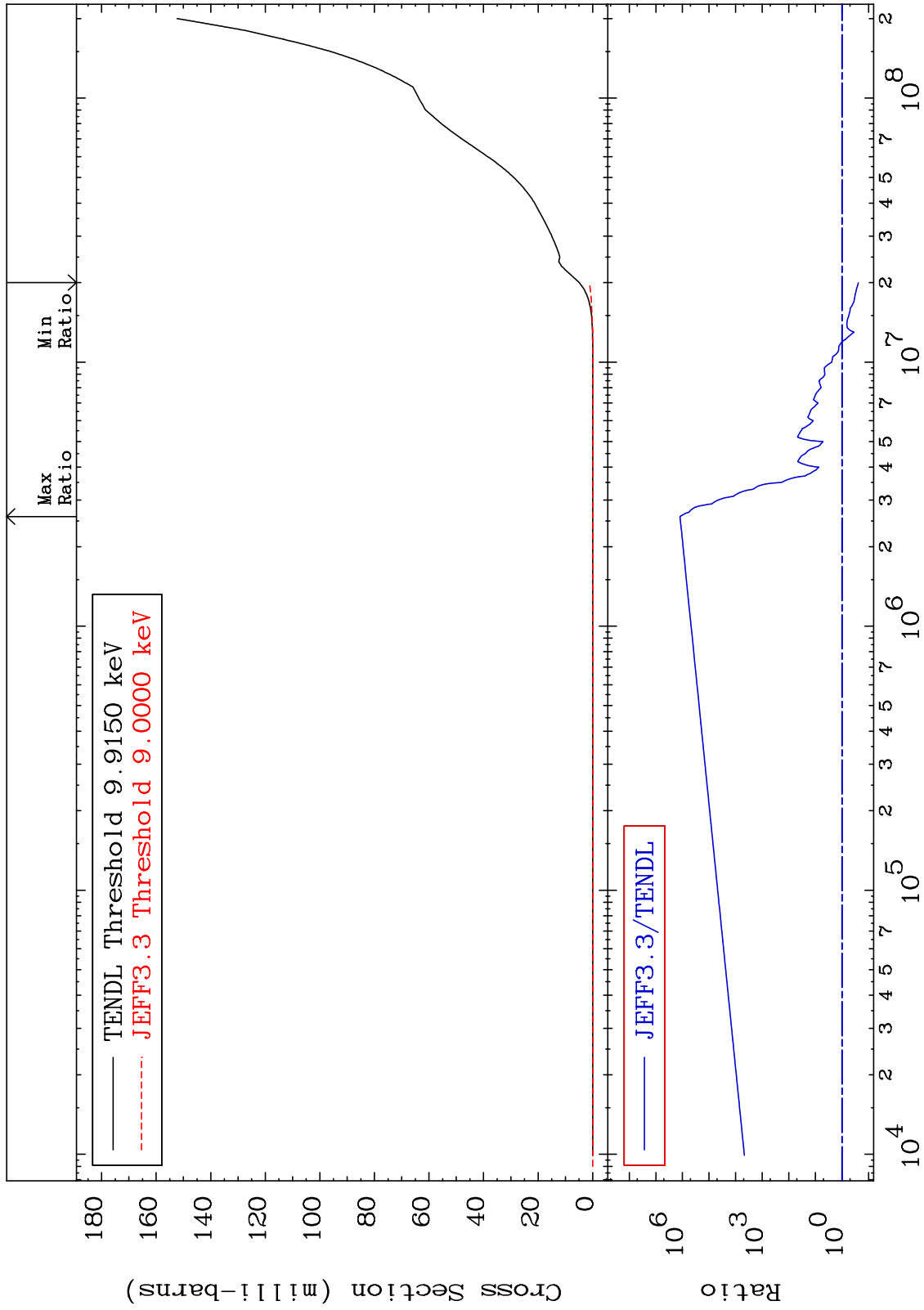
48-Cd-116
9999. To 9999. %



MAT 4855

He-4 Production
Cross Section

48-Cd-116
-75.66 To 9999. %

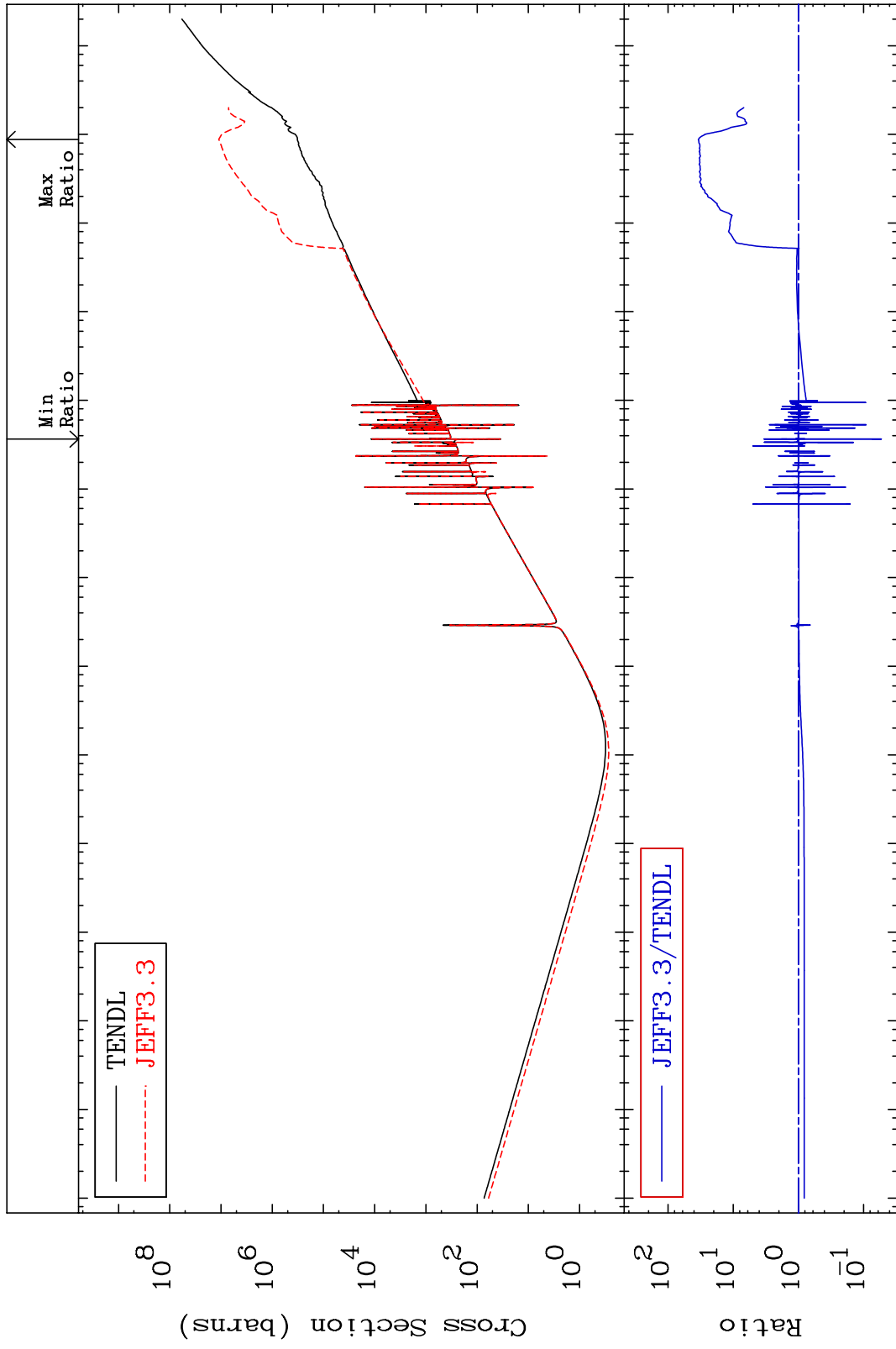


27 48-Cd-116

MAT 4855

Kerma total (eV-barns)
Cross Section

48-Cd-116
-94.68 To 3340. %



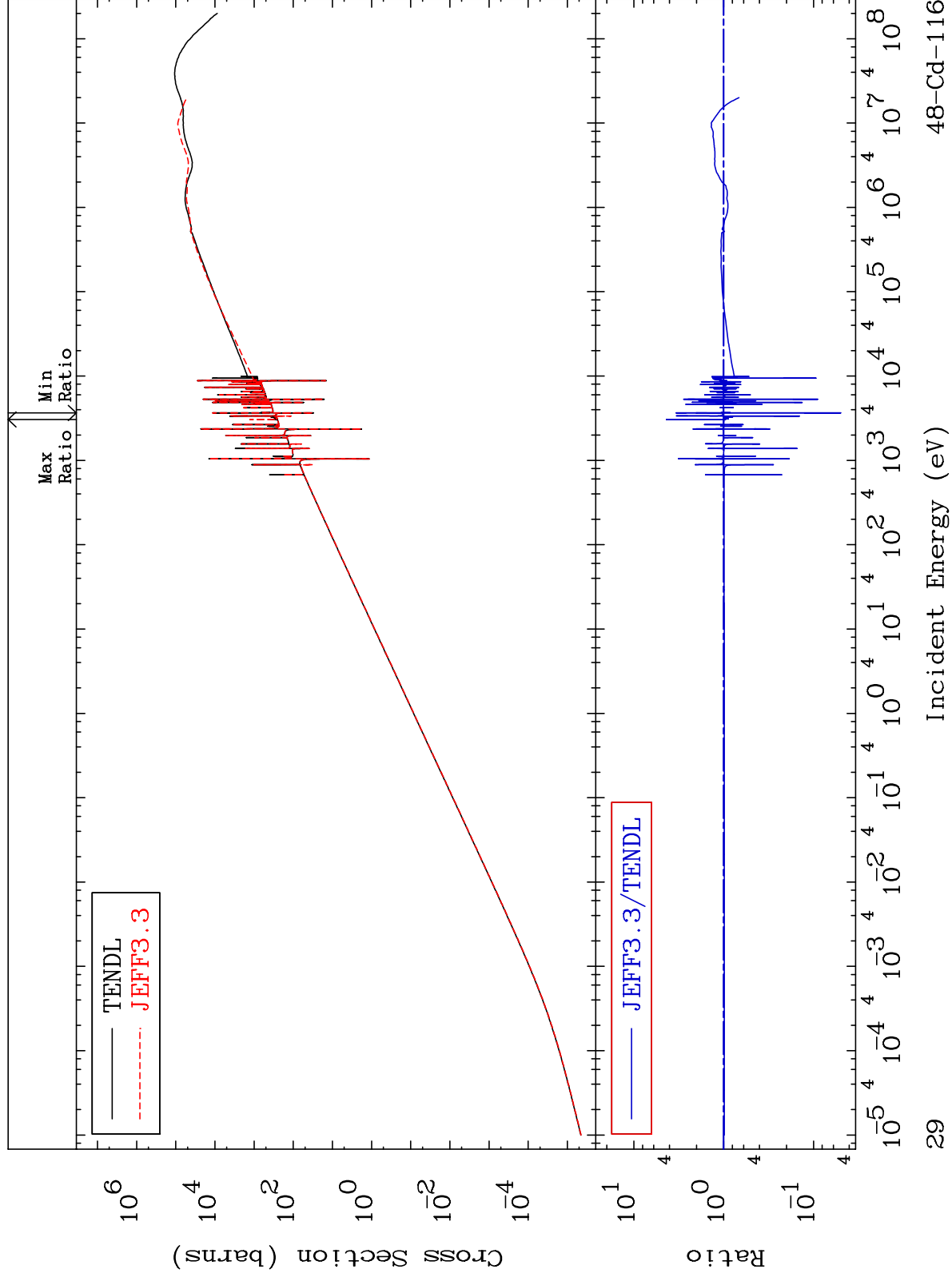
— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 4855

Kerma elastic
Cross Section

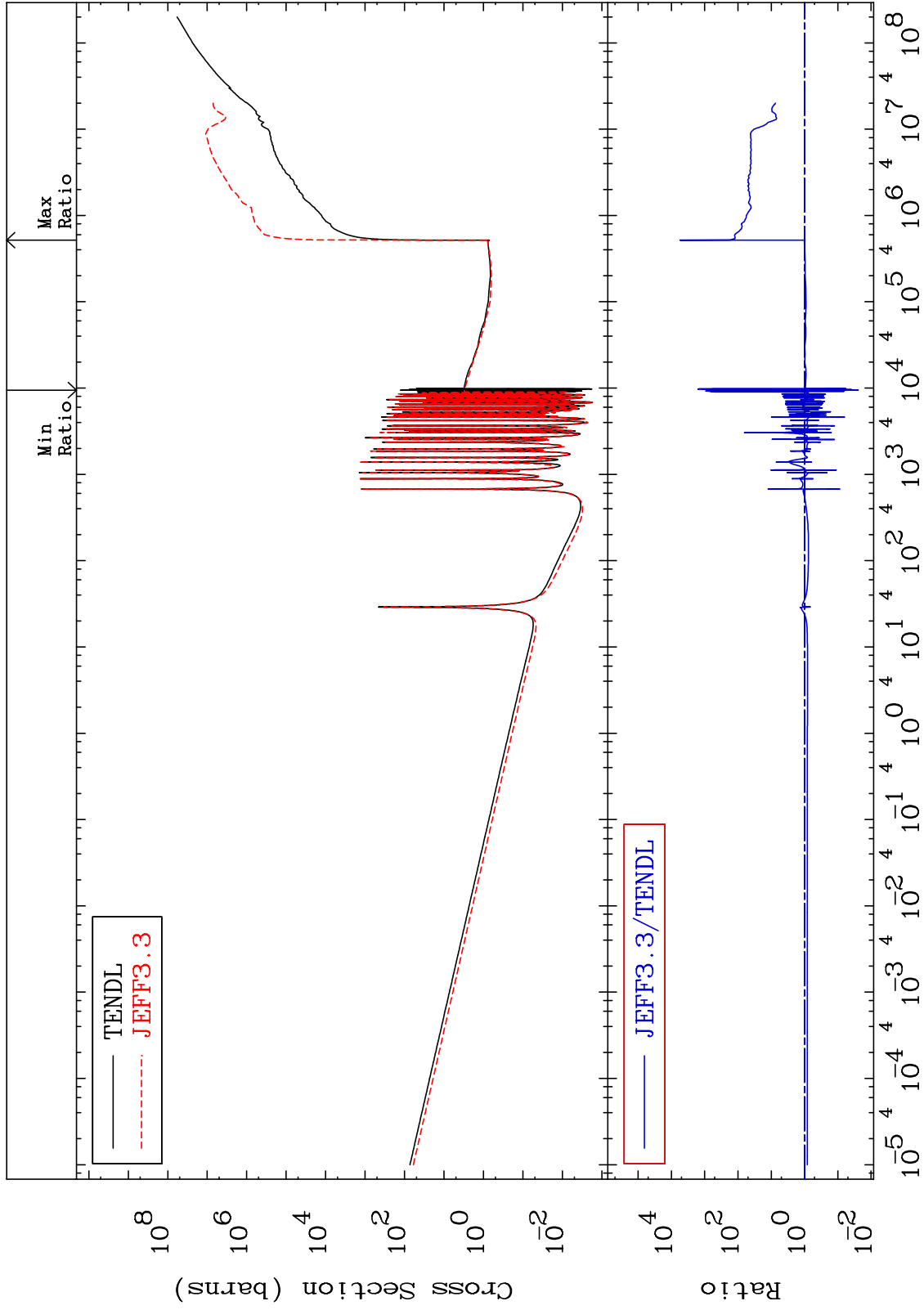
48-Cd-116
-95.02 To 334.5 %



MAT 4855

Kerma non-elastic (all but mt2)
Cross Section

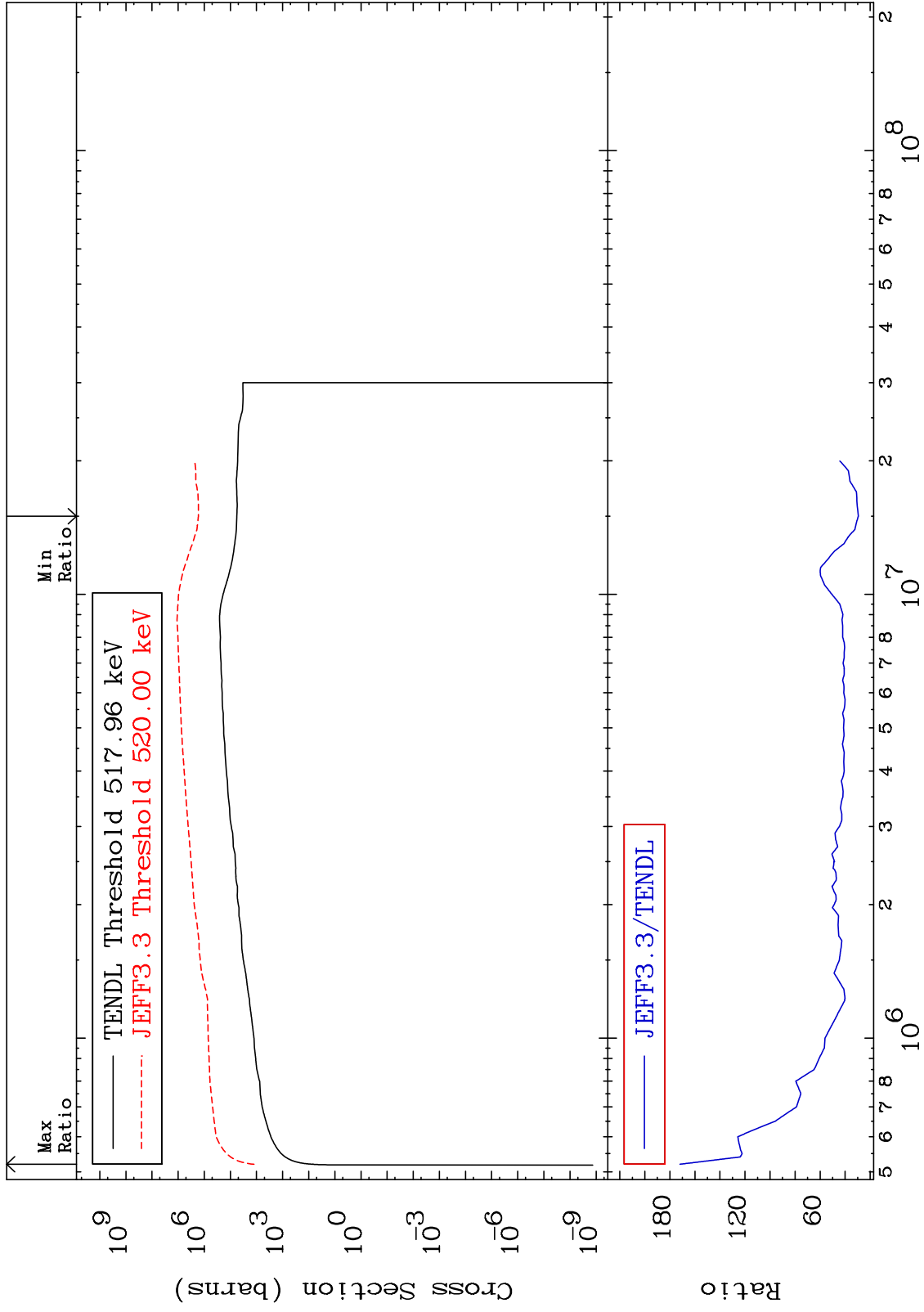
48-Cd-116
-97.60 To 9999. %



MAT 4855

Kerma inelastic (mt51-91)
Cross Section

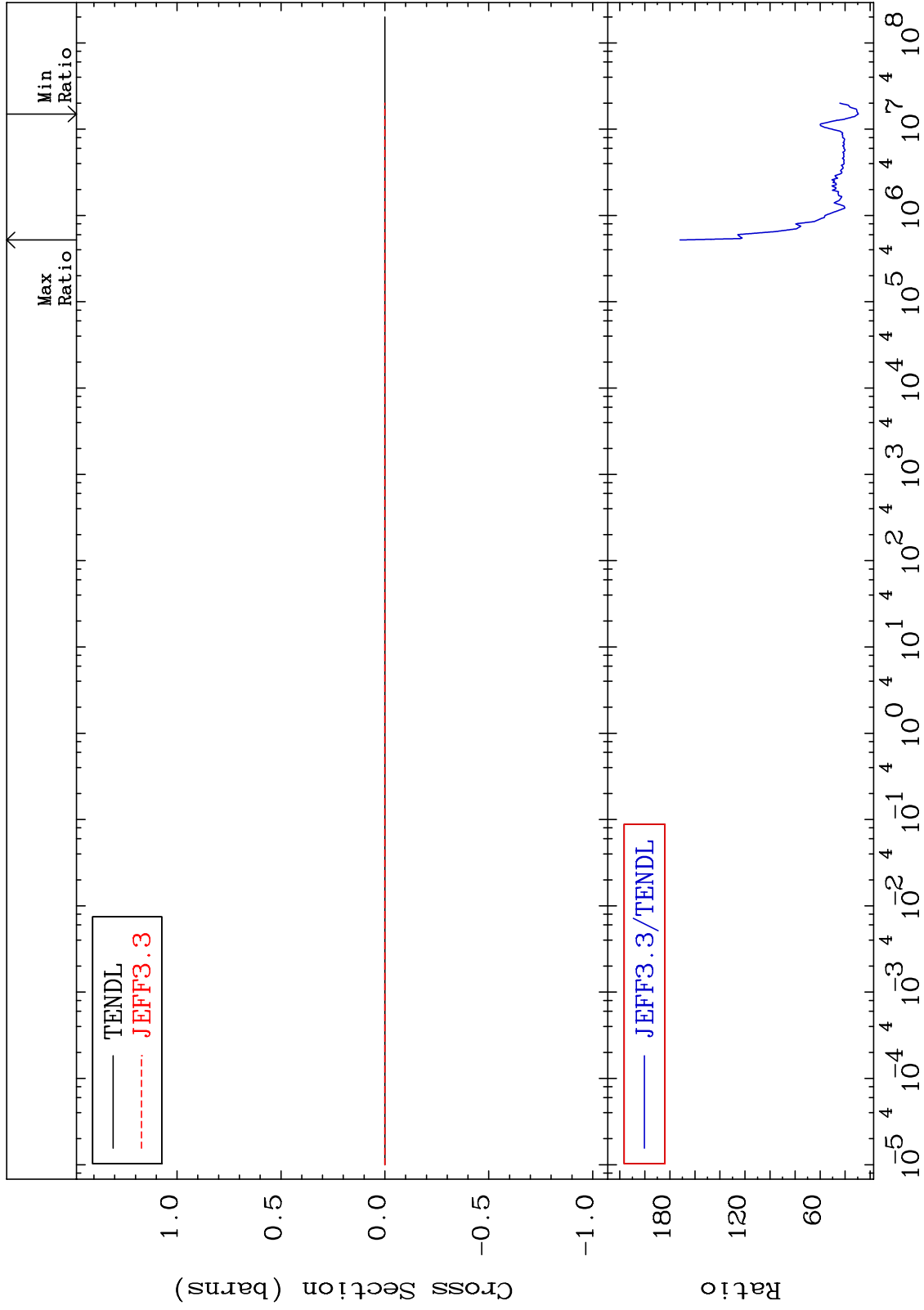
48-Cd-116
2841. To 9999. %



MAT 4855

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

48-Cd-116
2841. To 9999. %



32

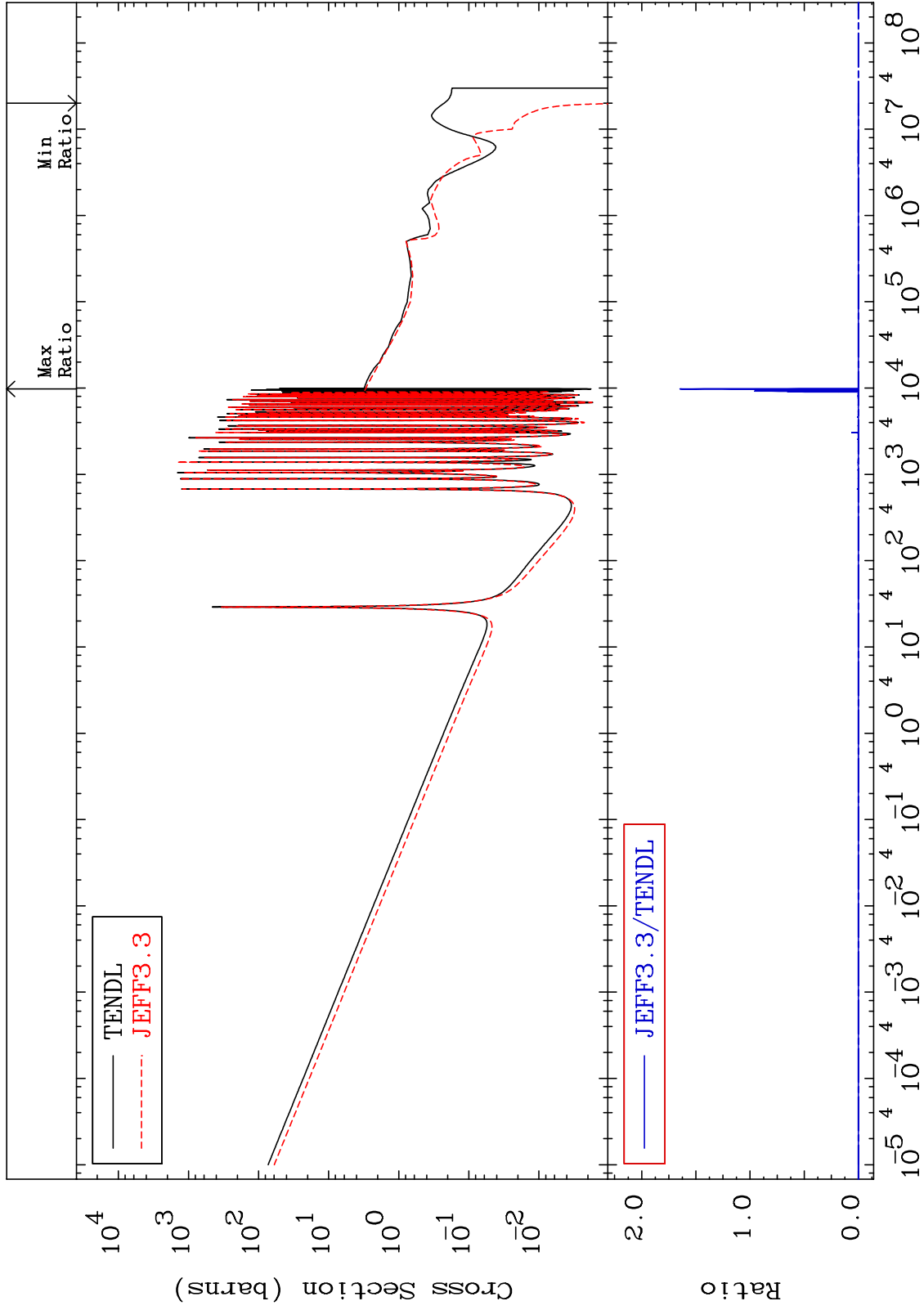
Incident Energy (eV)

48-Cd-116

MAT 4855

Kerma capture (mt102)
Cross Section

48-Cd-116
-100.0 To 9999. %



33

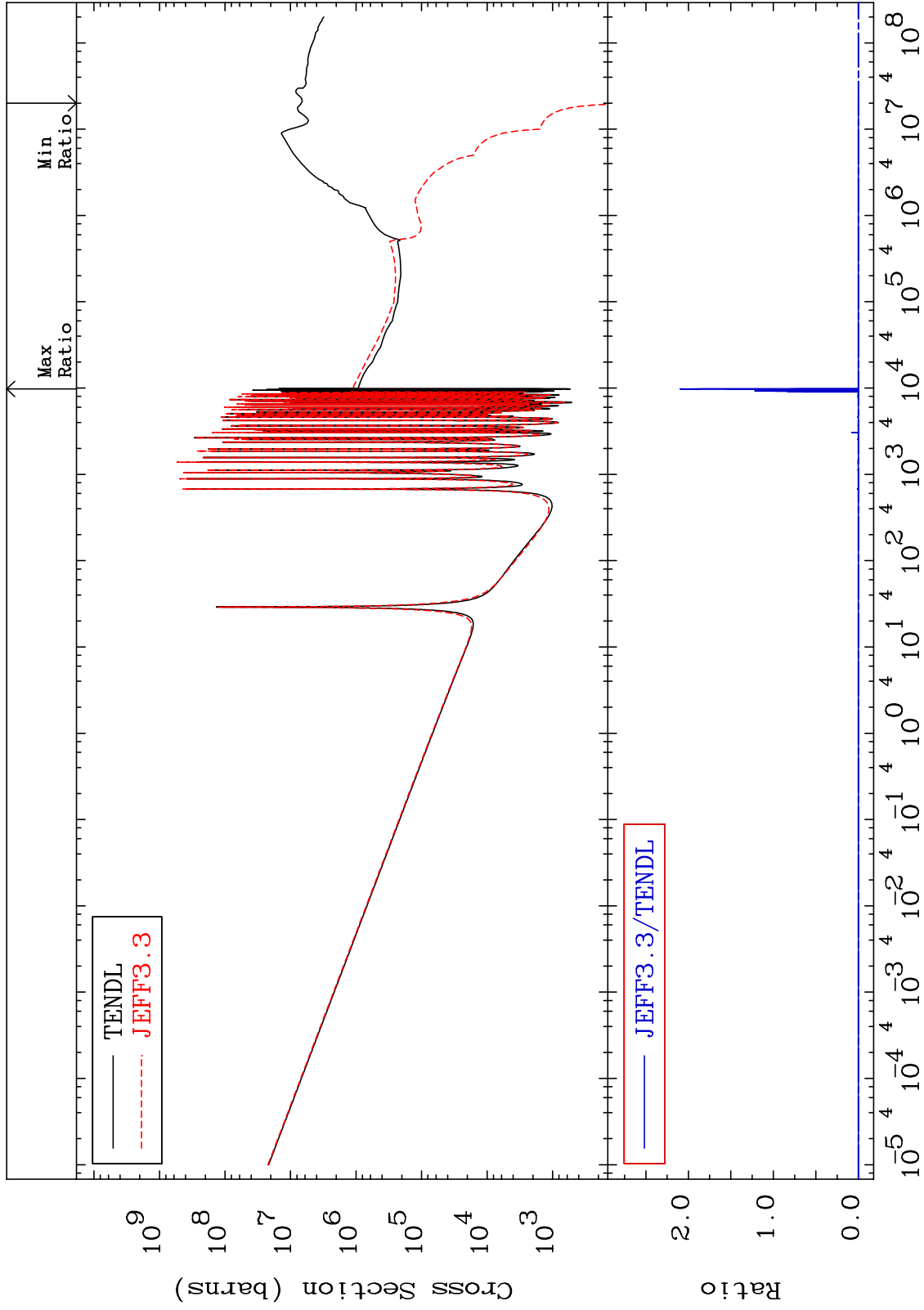
Incident Energy (eV)

48-Cd-116

MAT 4855

Total photon (eV-barns)
Cross Section

48-Cd-116
-100.0 To 9999. %



34

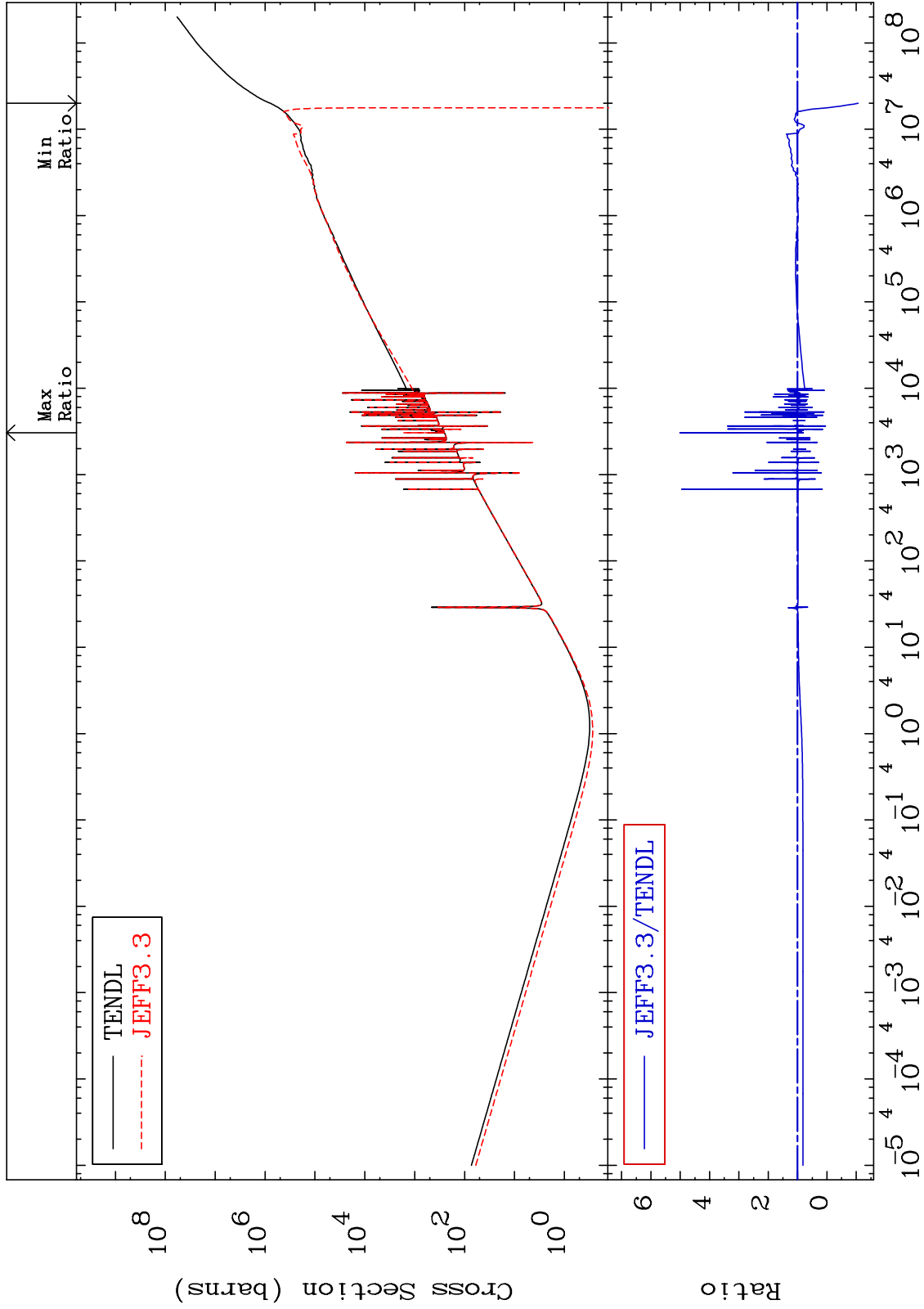
Incident Energy (eV)

48-Cd-116

MAT 4855

Total kinematic kerma (high limit)
Cross Section

48-Cd-116
-207.3 To 400.7 %



35

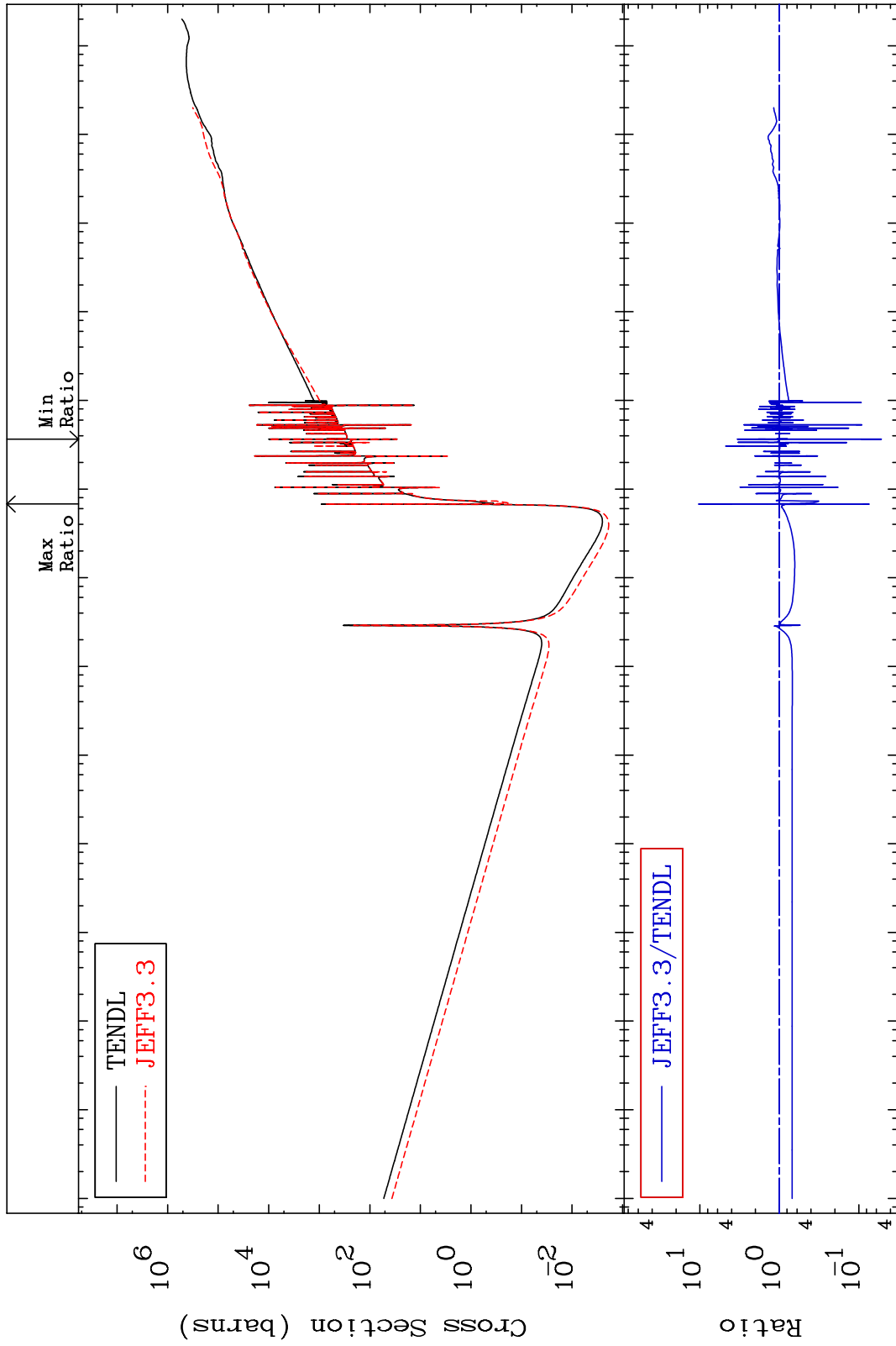
Incident Energy (eV)

48-Cd-116

MAT 4855

Dpa total (eV-barns)
Cross Section

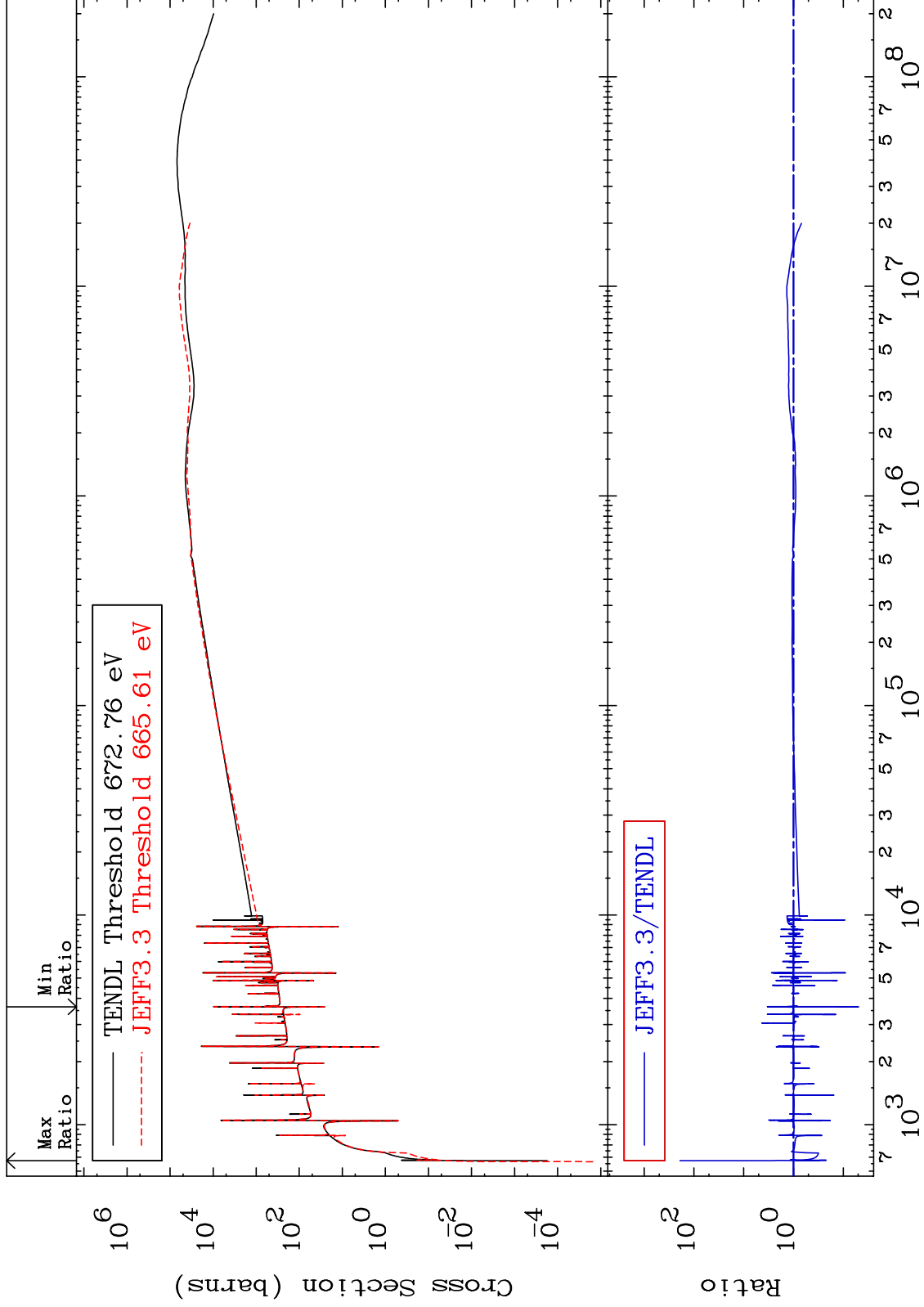
48-Cd-116
-94.83 To 947.8 %



MAT 4855

Dpa elastic (mt2)
Cross Section

48-Cd-116
-95.05 To 9999. %



37

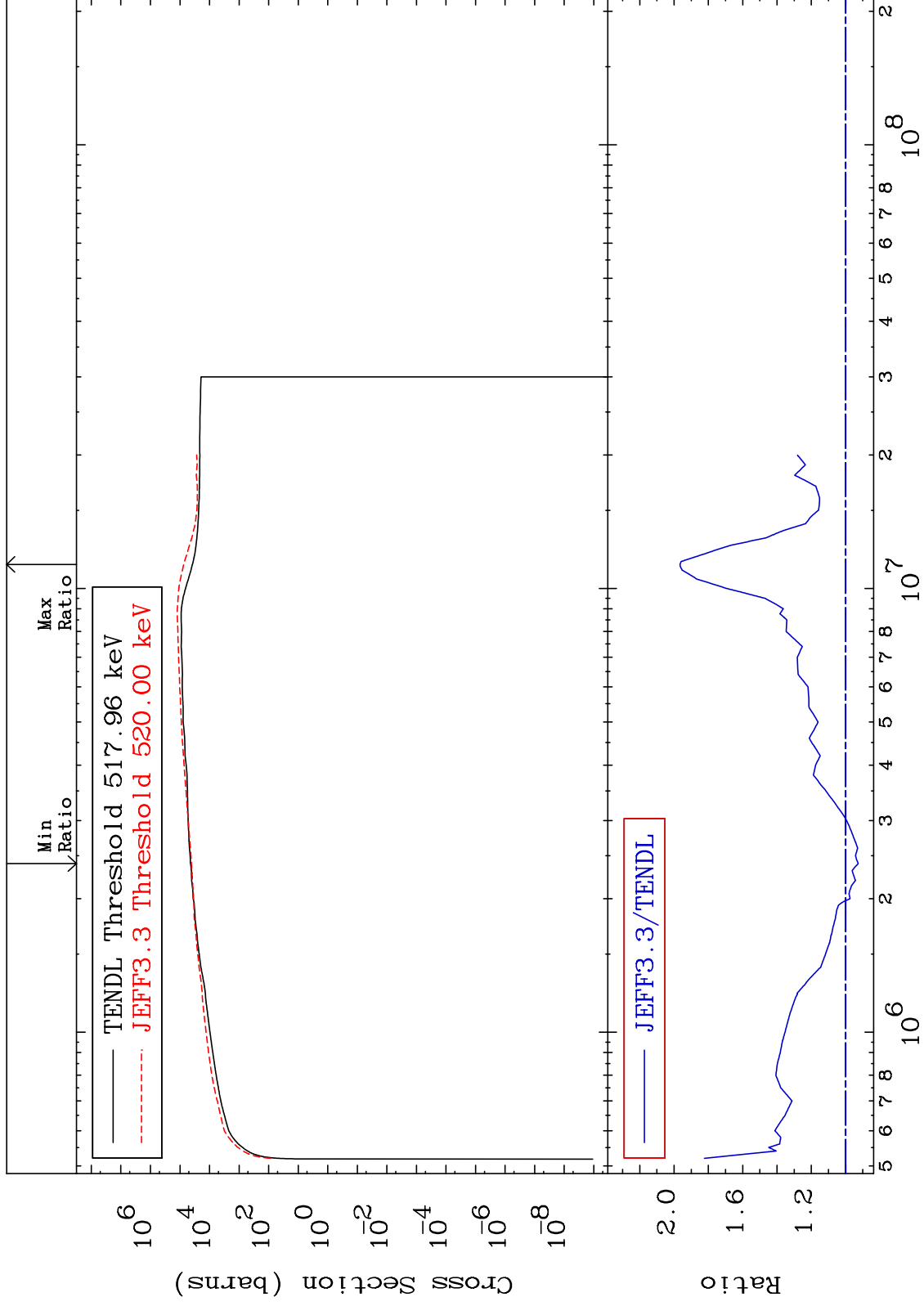
48-Cd-116

48-Cd-116

MAT 4855

Dpa inelastic (mt51-91)
Cross Section

48-Cd-116
-7.454 To 96.52 %



MAT 4855

Dpa disappearance (mt102 -120)
Cross Section

48-Cd-116
-97.99 To 9999. %

