

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

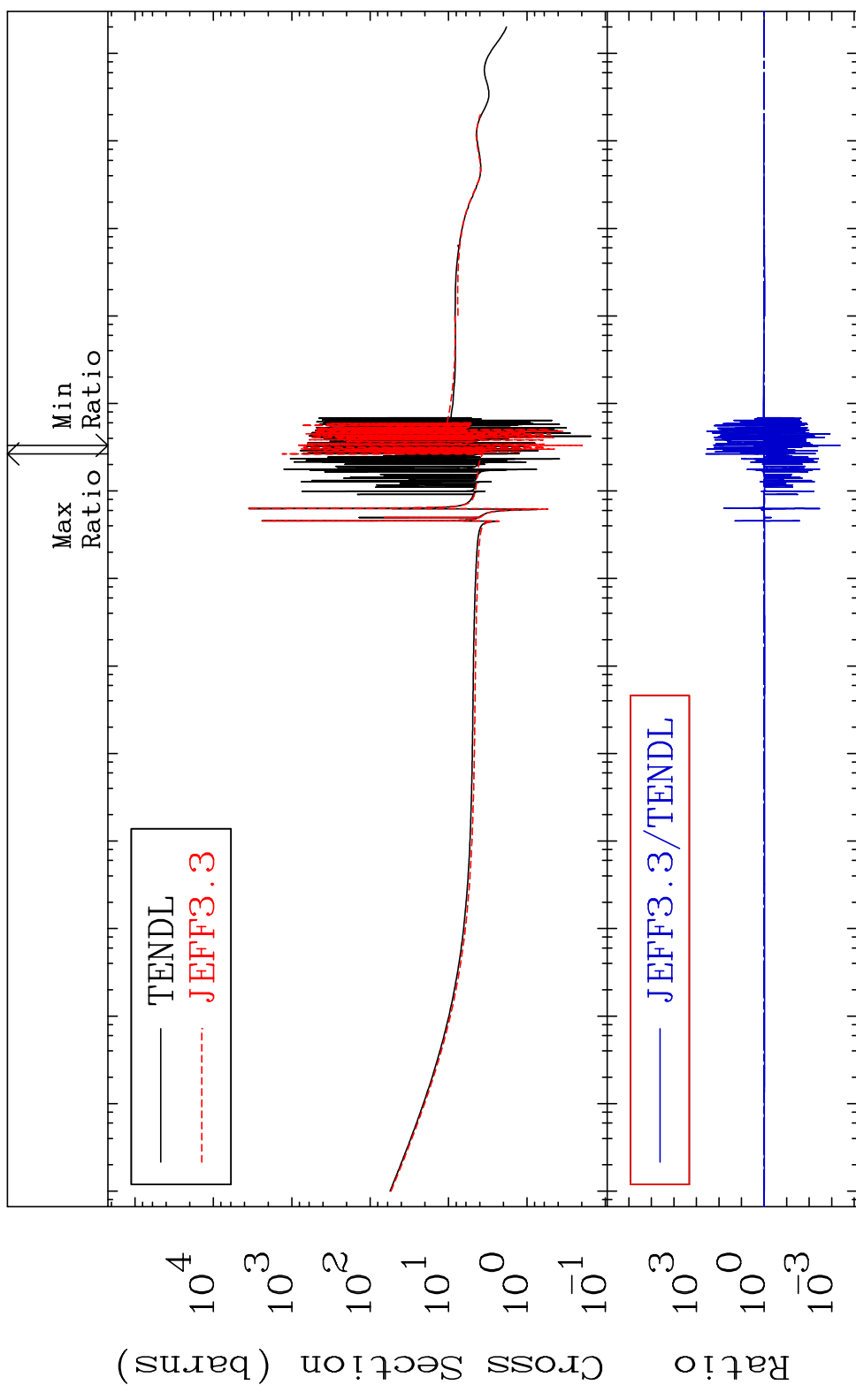
MAT 4825

Total

48-Cd-106

Cross Section

-99.96 To 9999. %



1

Incident Energy (eV)

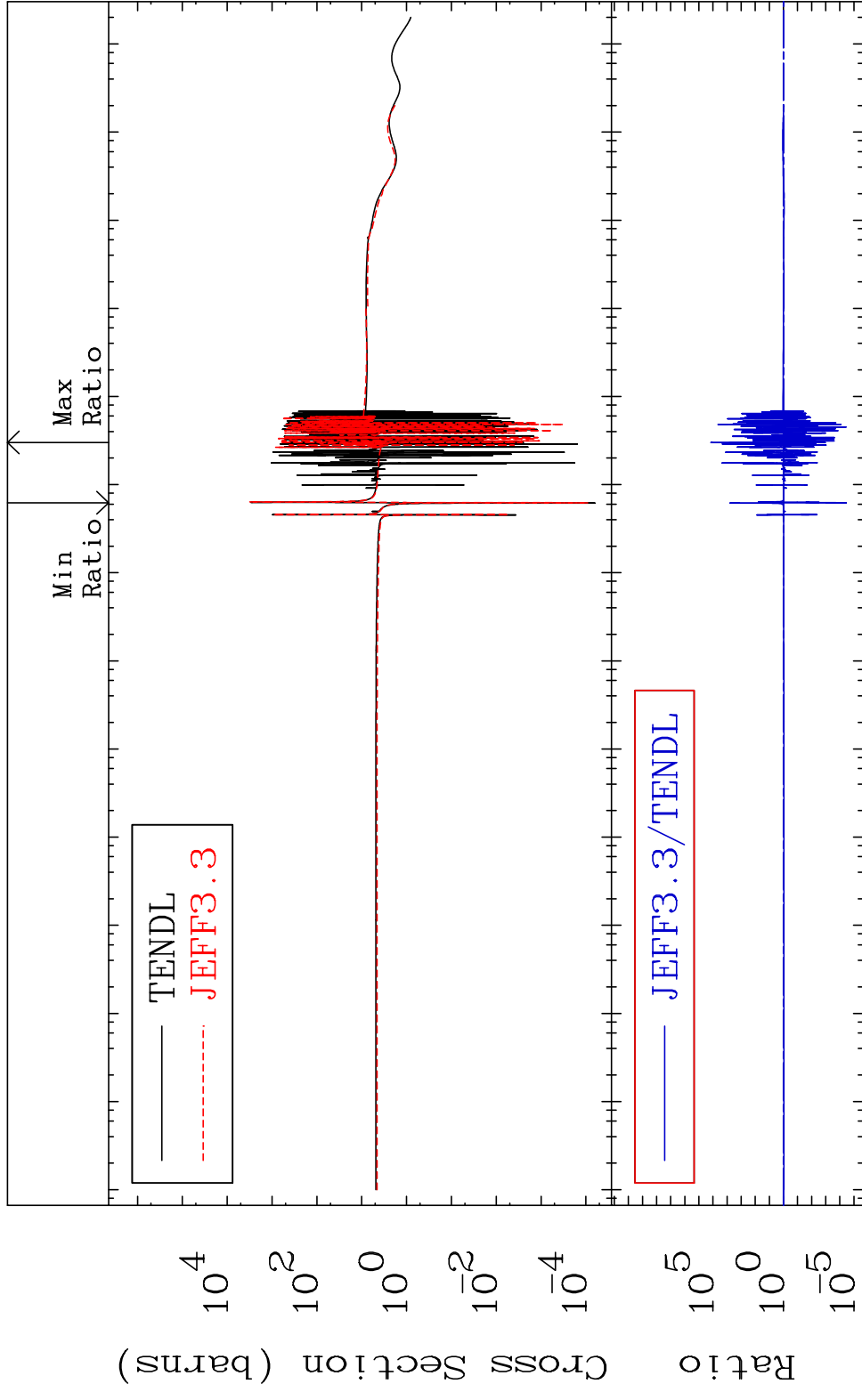
48-Cd-106

MAT 4825

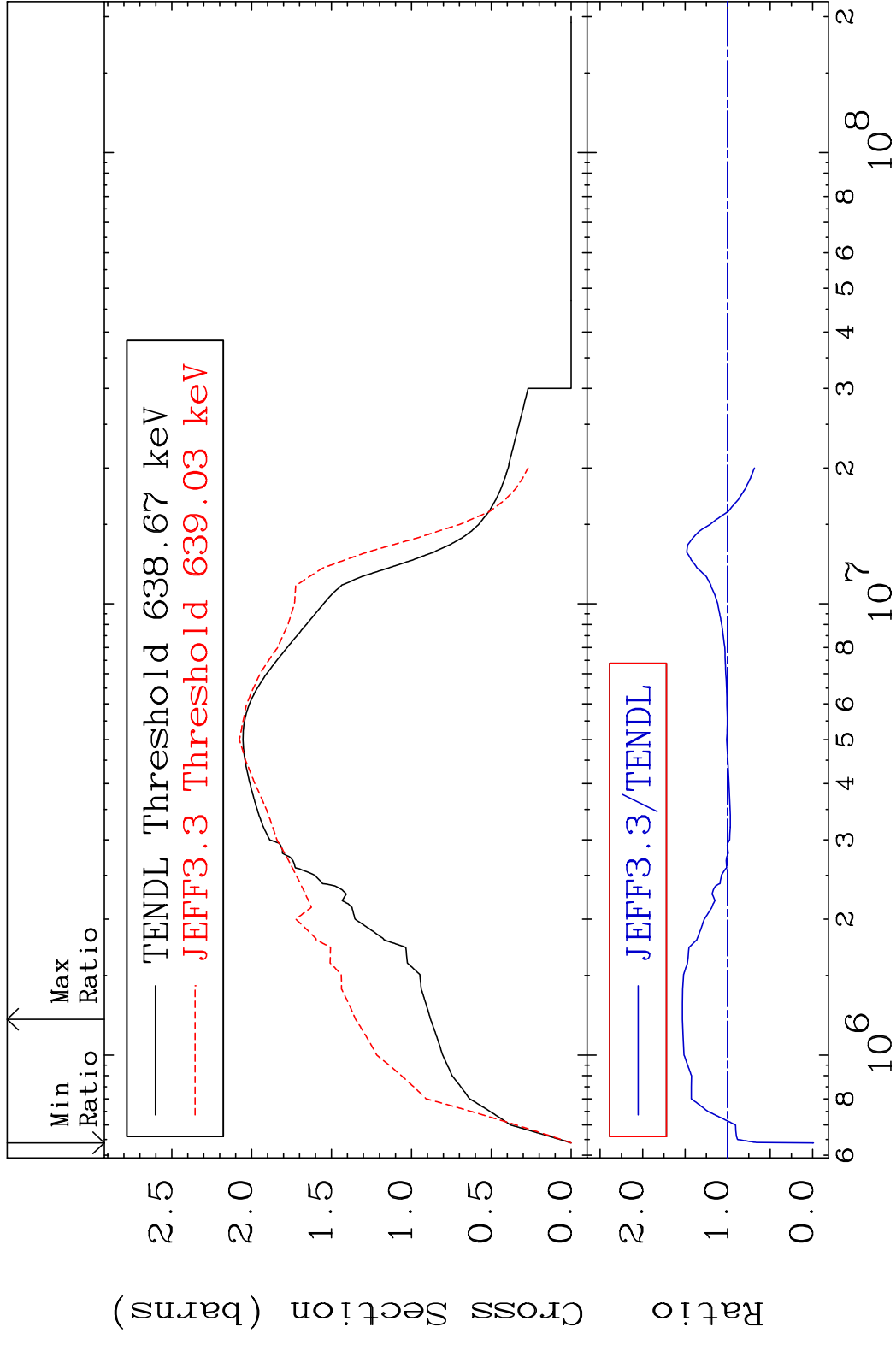
Elastic

48-Cd-106

Cross Section -100.0 To 9999. %



MAT 4825 Inelastic 48-Cd-106
 Cross Section -100.0 To 53.26 %



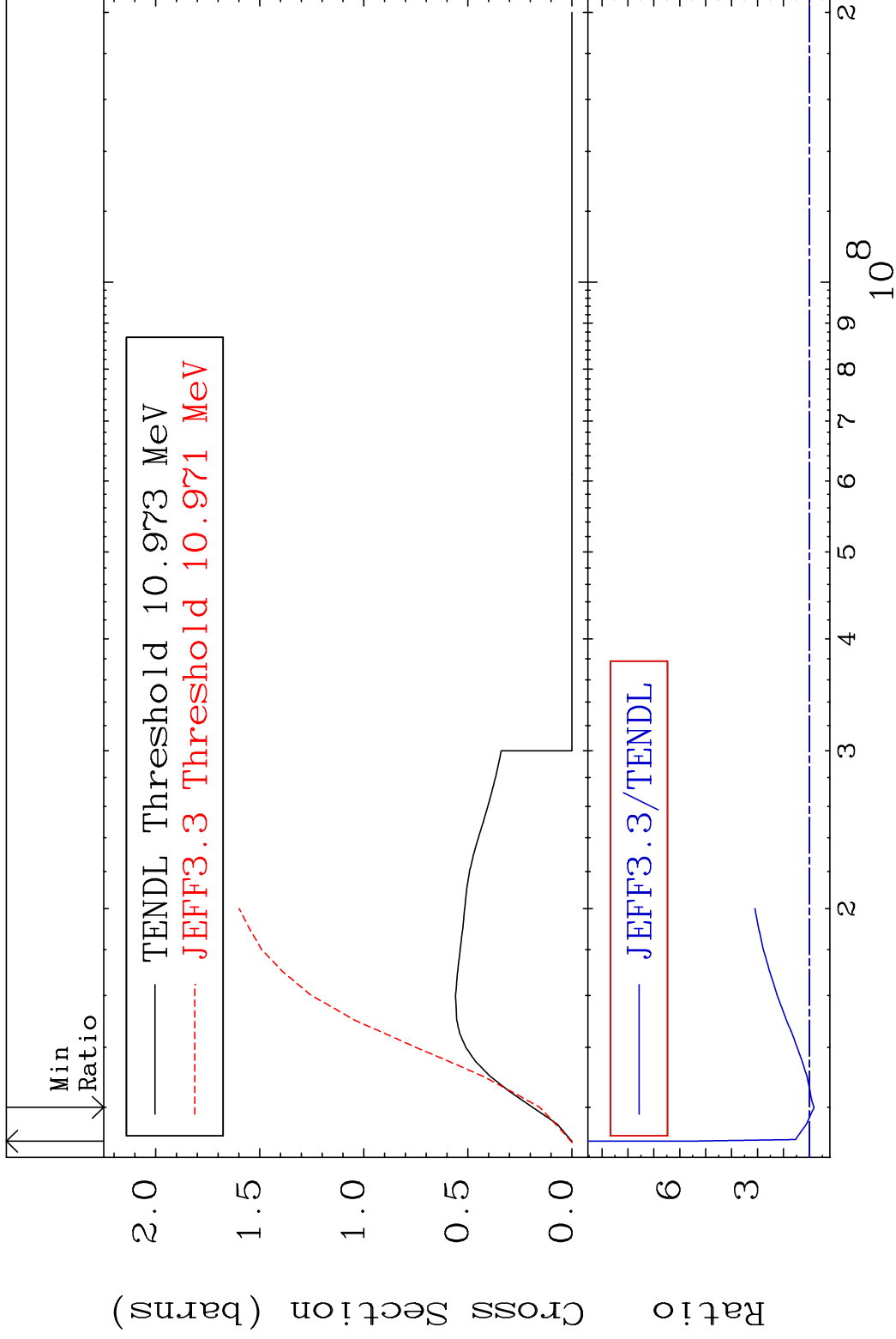
3 Incident Energy (eV) 48-Cd-106

MAT 4825

(n,2n)

48-Cd-106

Cross Section -18.00 To 485.7 %

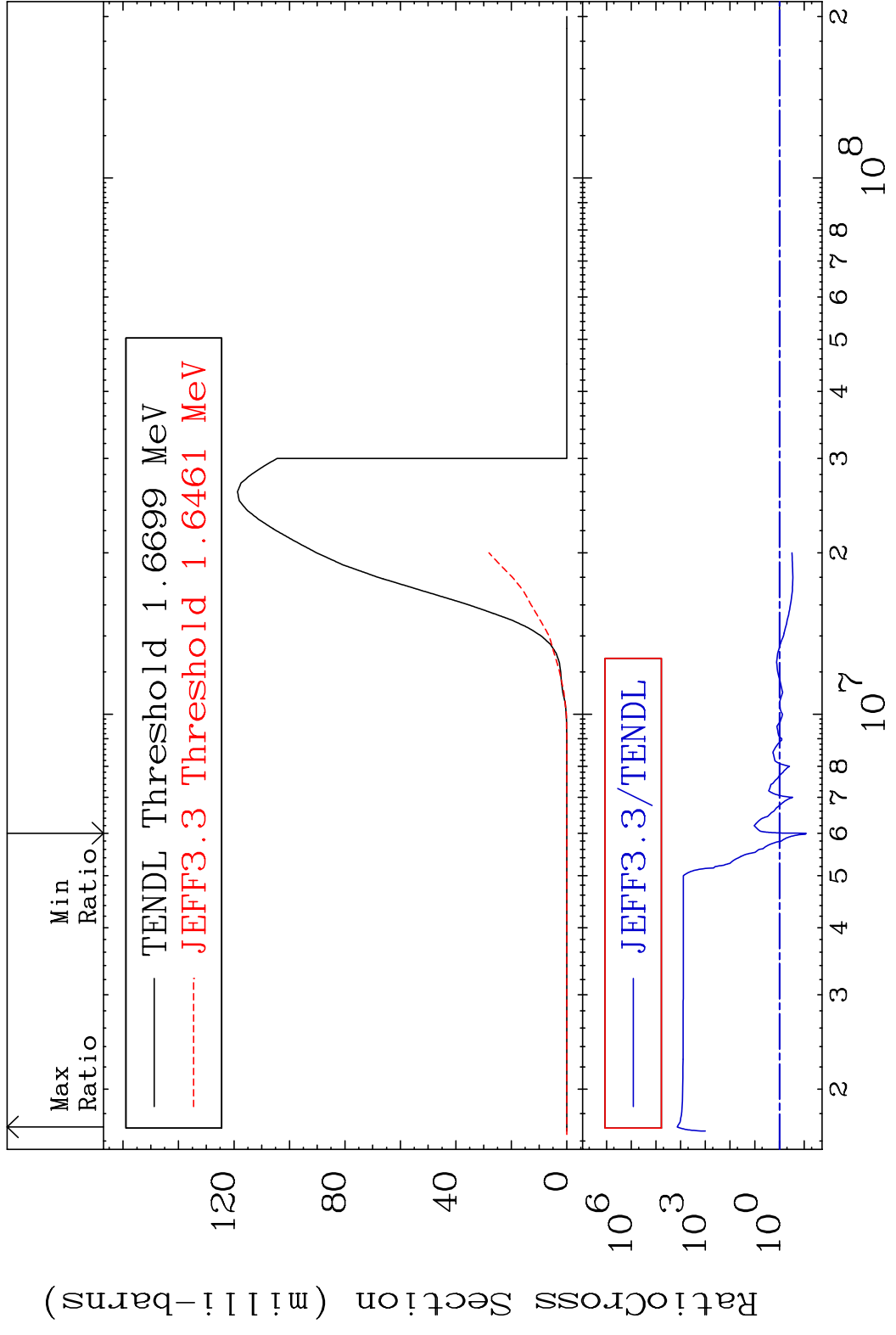


4

Incident Energy (eV)

48-Cd-106

MAT 4825 (n, n') α 48-Cd-106
 Cross Section -91.86 To 9999. %

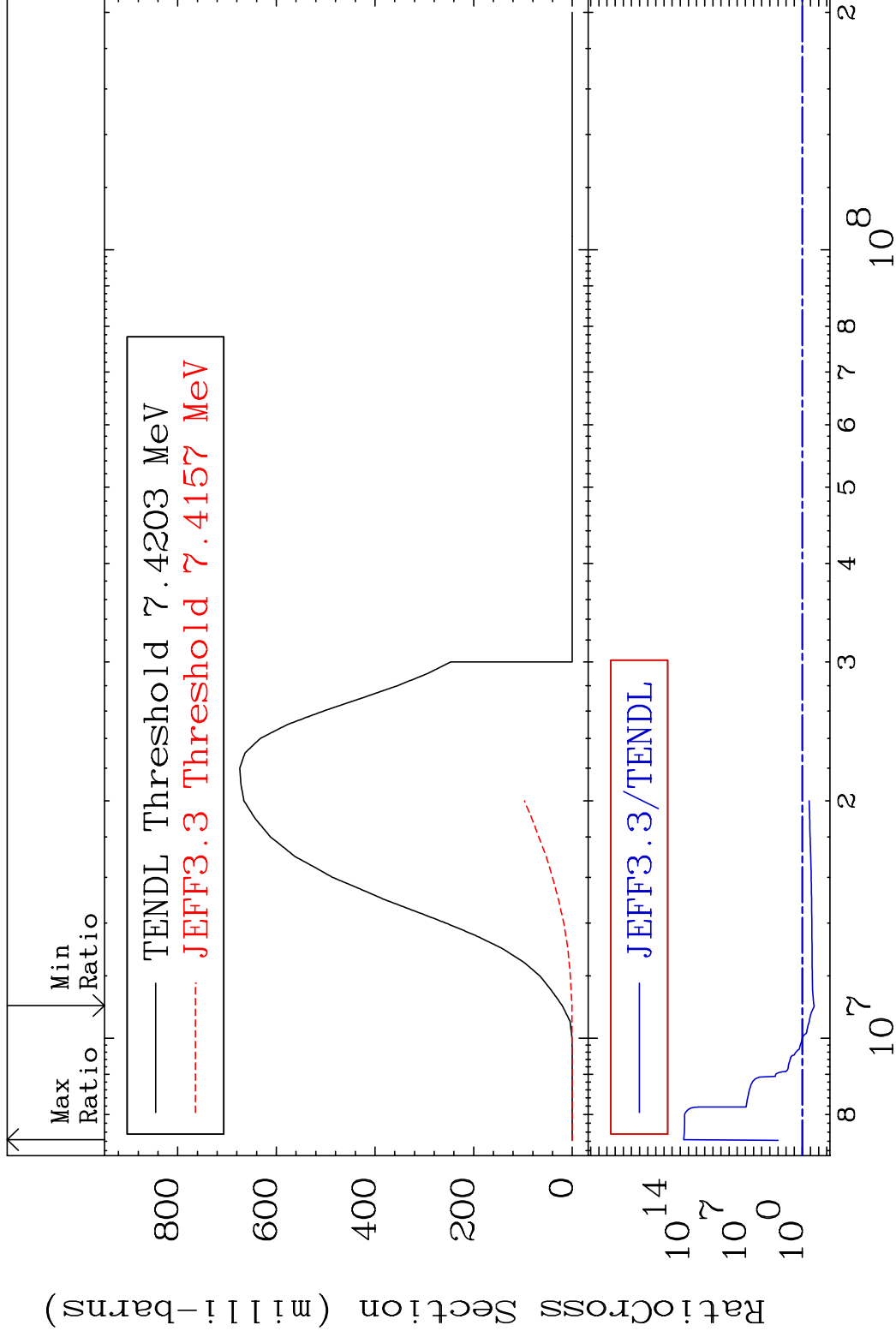


MAT 4825

(n, n') p

48-Cd-106

Cross Section -96.37 To 9999. %

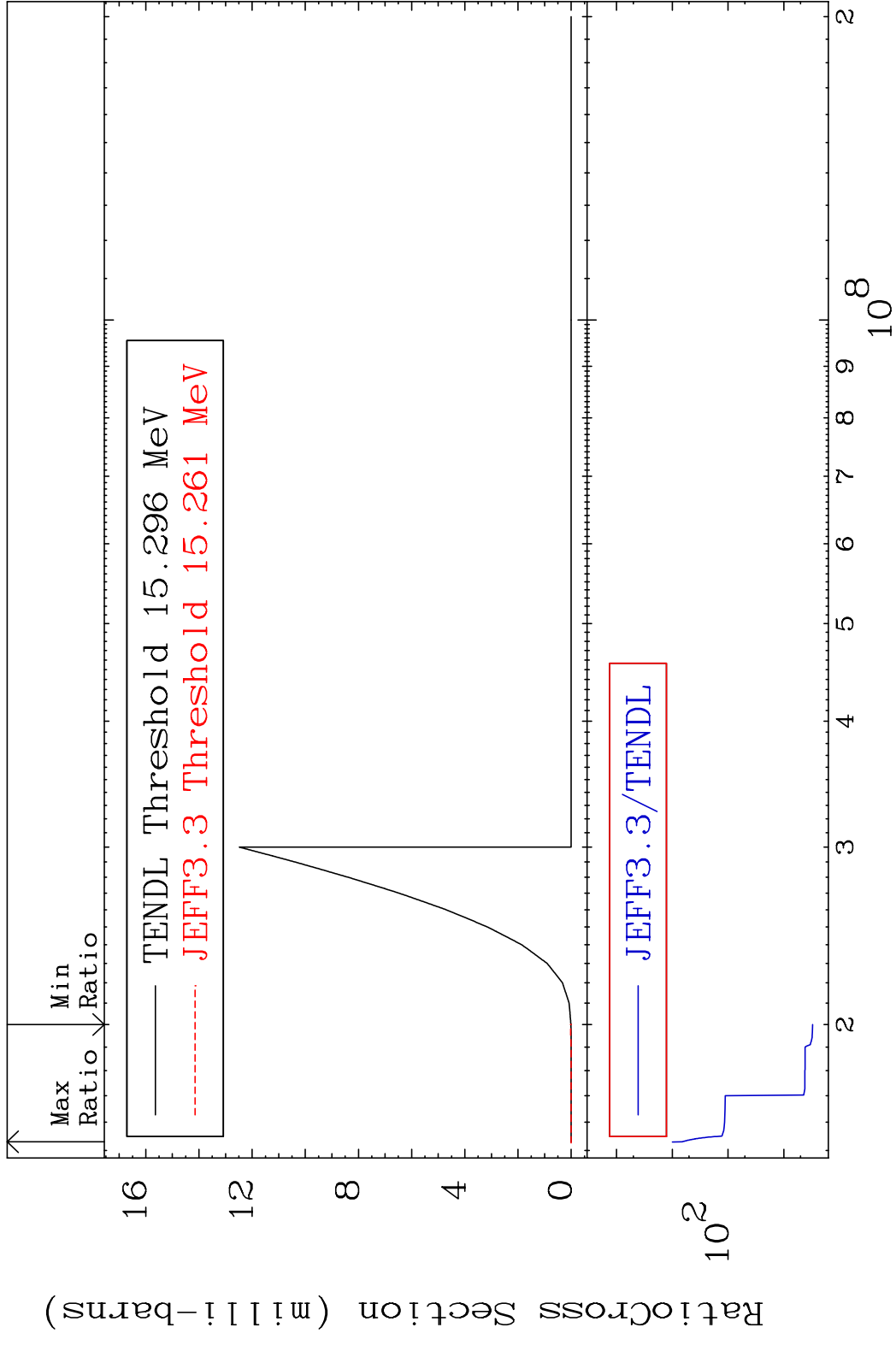


6

Incident Energy (eV)

48-Cd-106

MAT 4825 (n, n') d 48-Cd-106
 Cross Section 204.4 To 9999. %

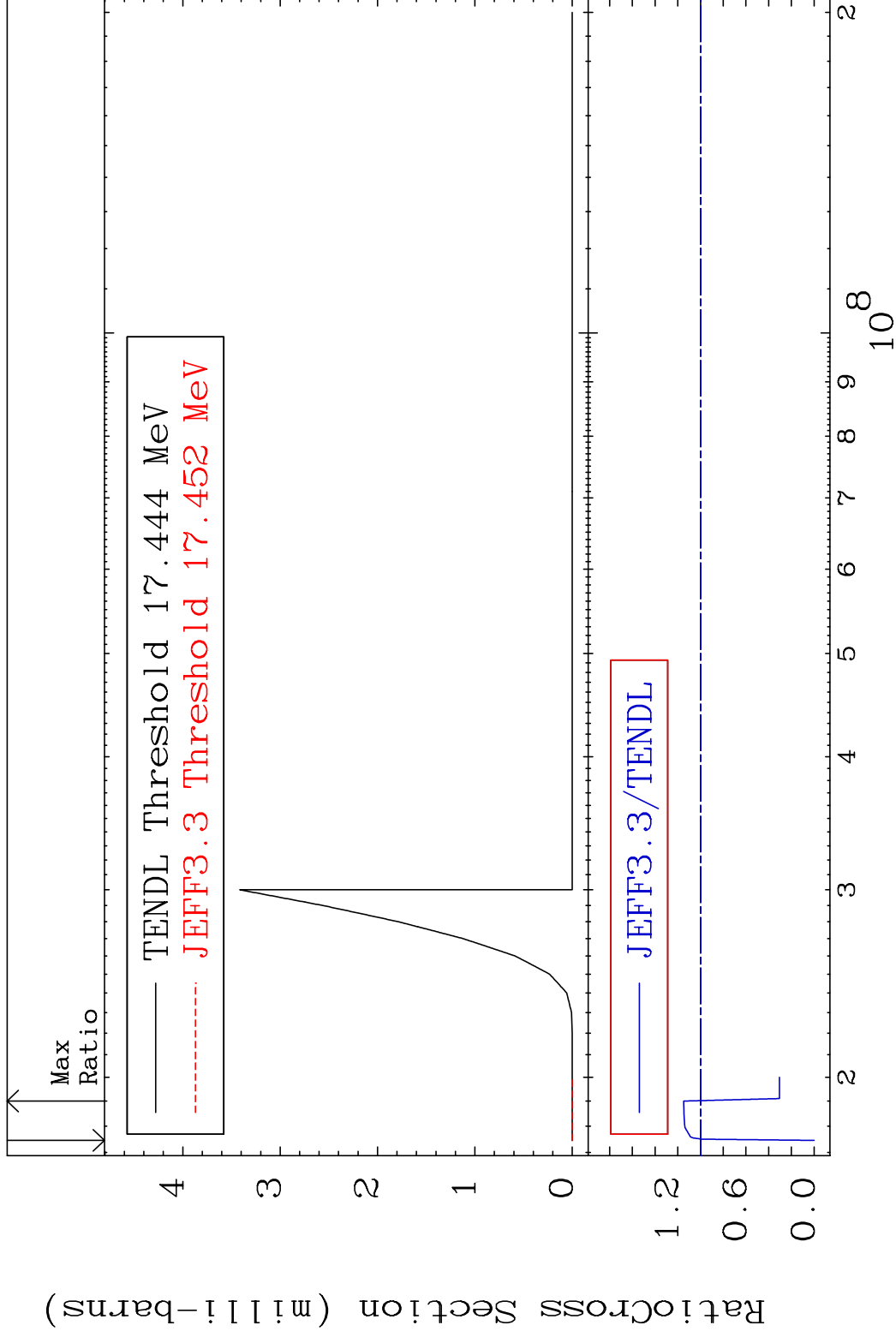


MAT 4825

(n, n') t

48-Cd-106

Cross Section -100.0 To 14.83 %

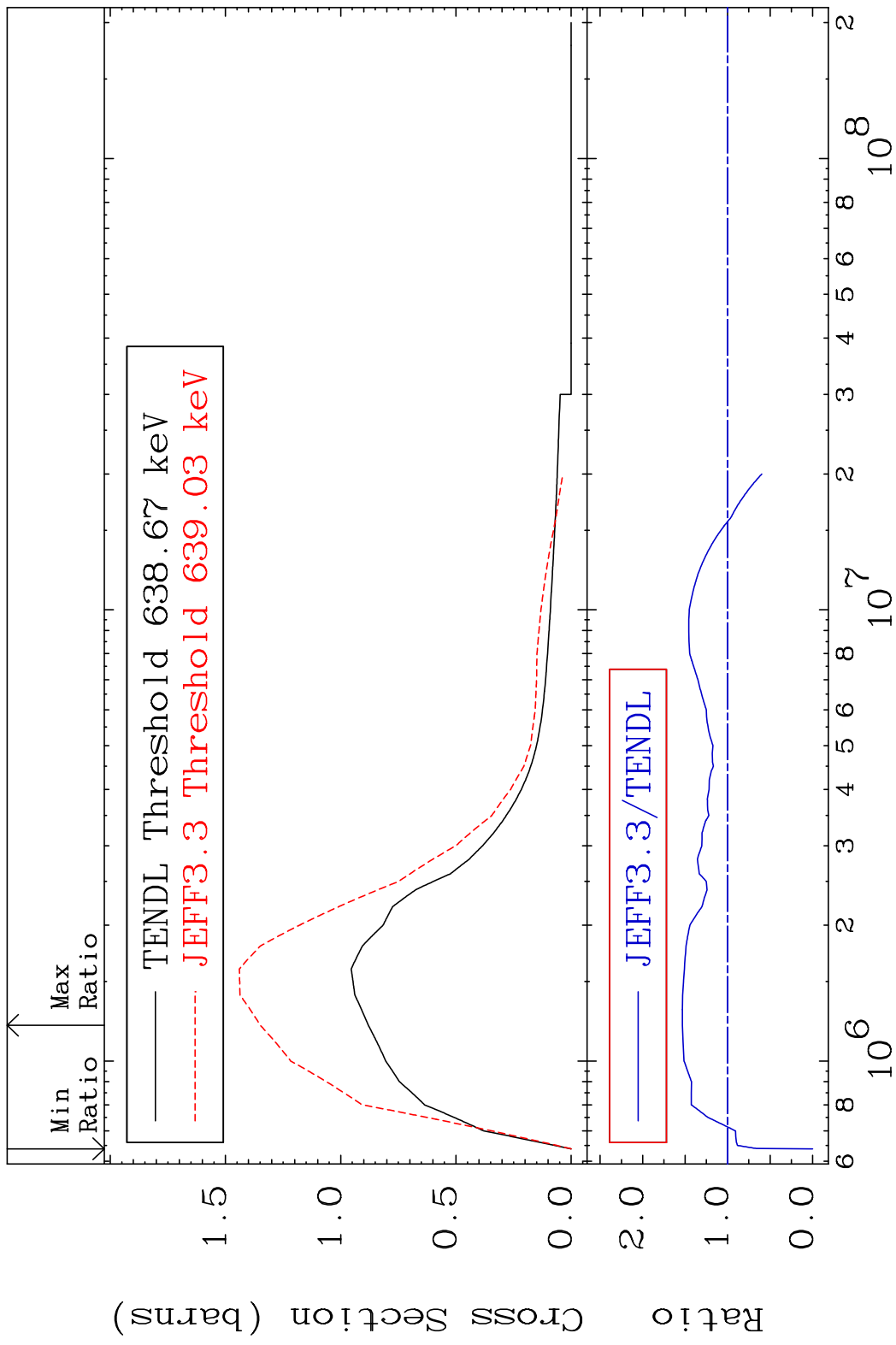


8

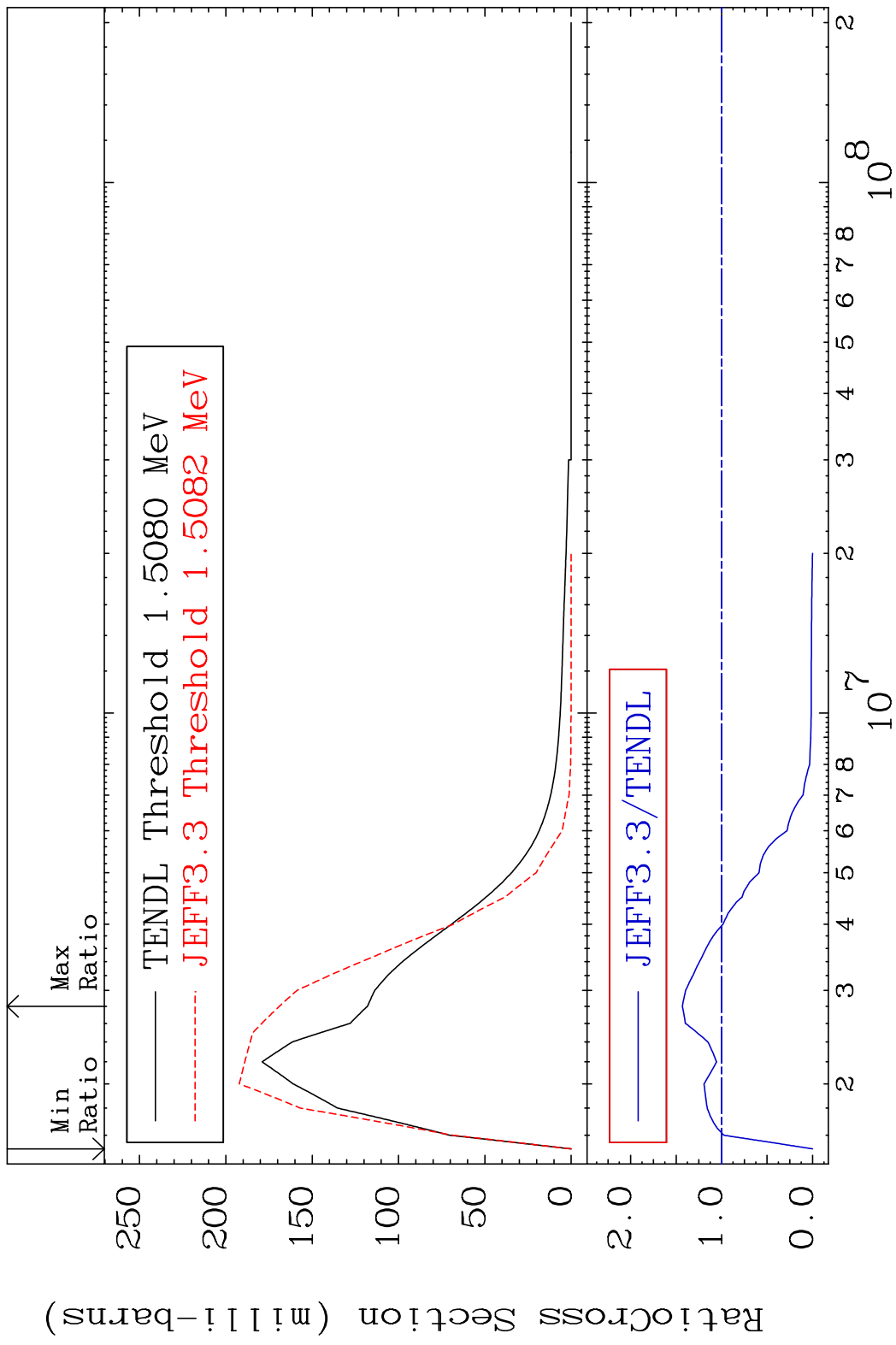
Incident Energy (eV)

48-Cd-106

MAT 4825 MT= 51 (n,n') Level 48-Cd-106
 Cross Section -100.0 To 53.26 %

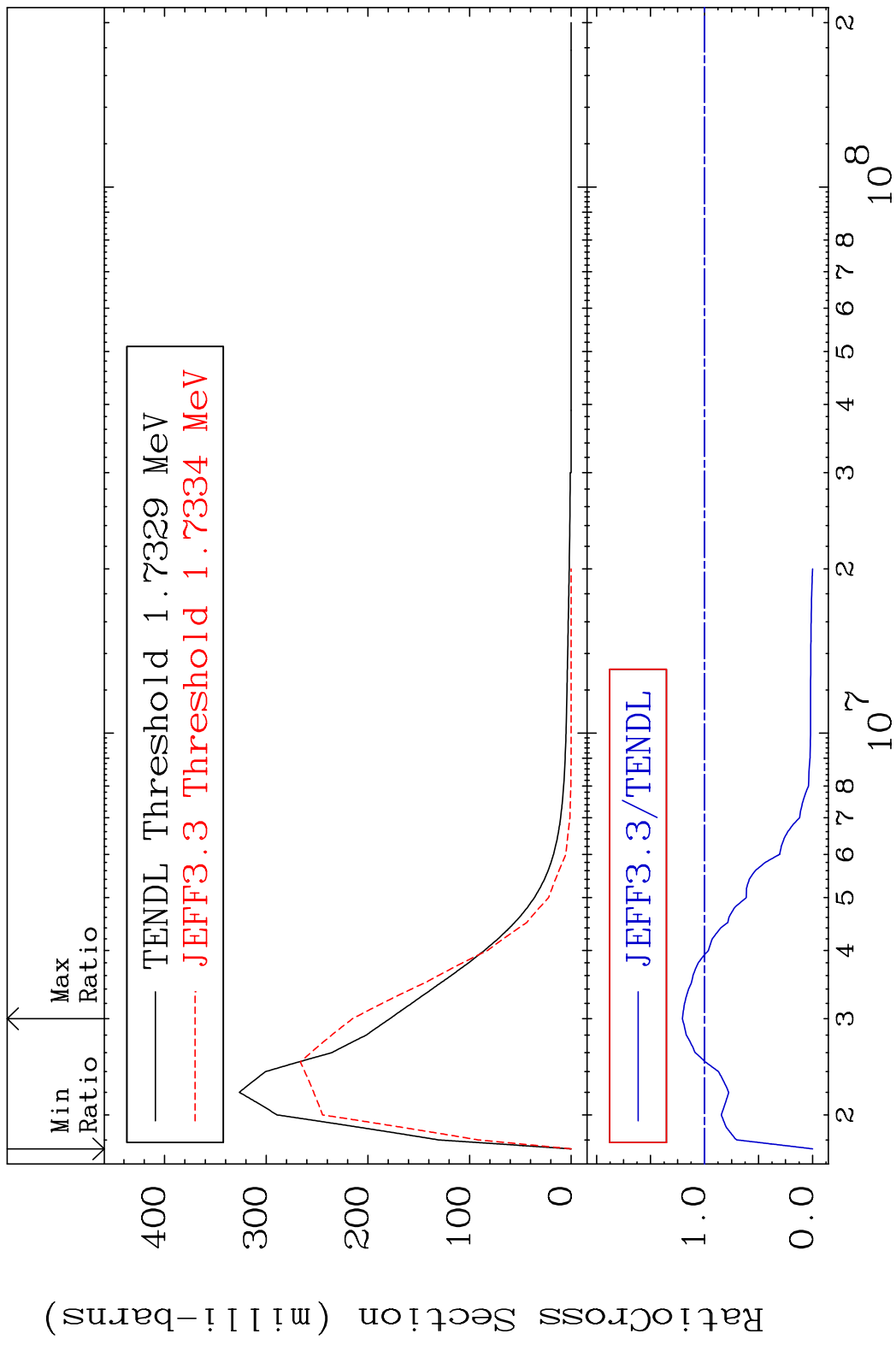


MAT 4825 MT= 52 (n, n') Level 48-Cd-106
 Cross Section -100.0 To 43.17 %

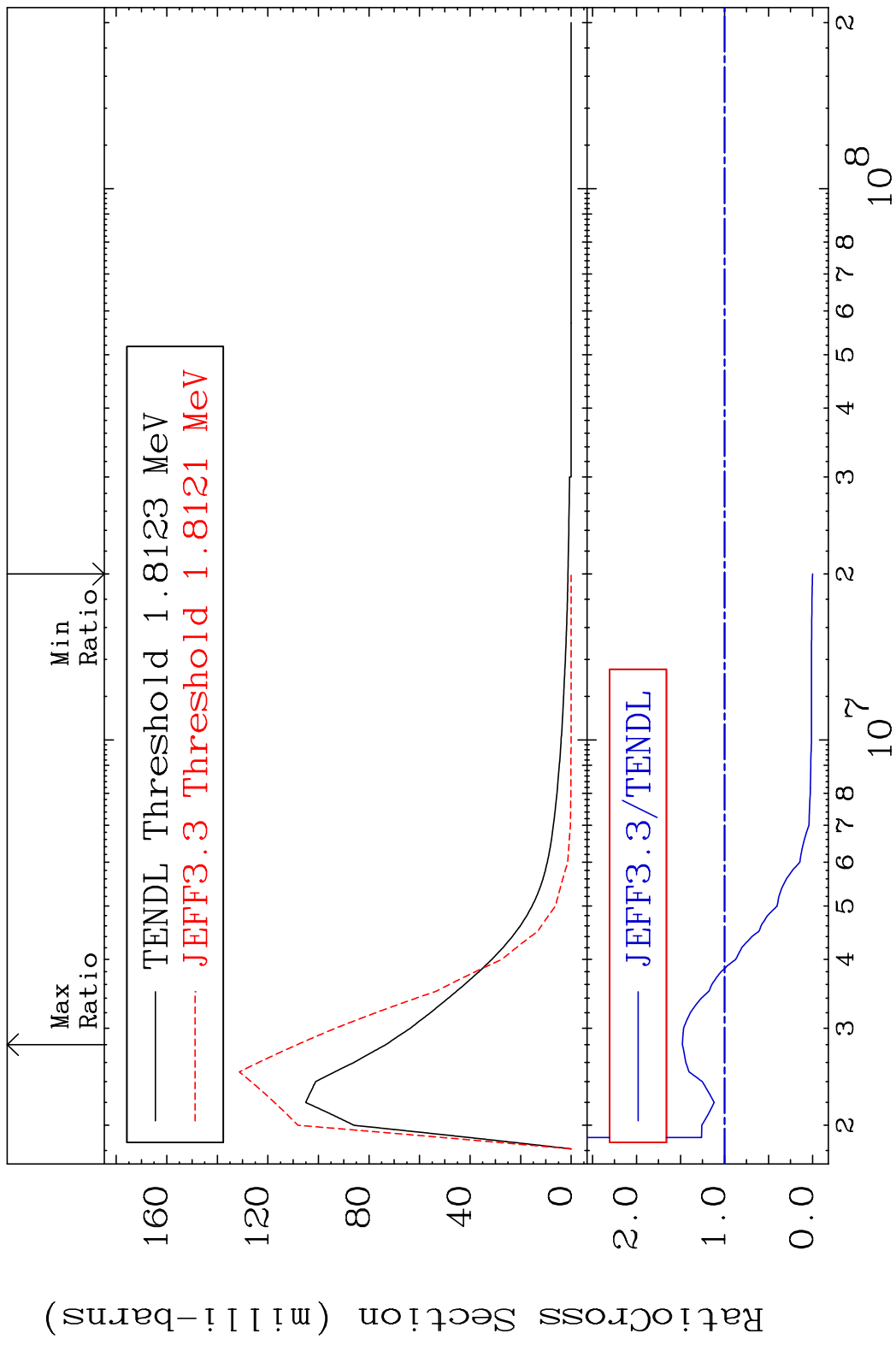


10 Incident Energy (eV) 48-Cd-106

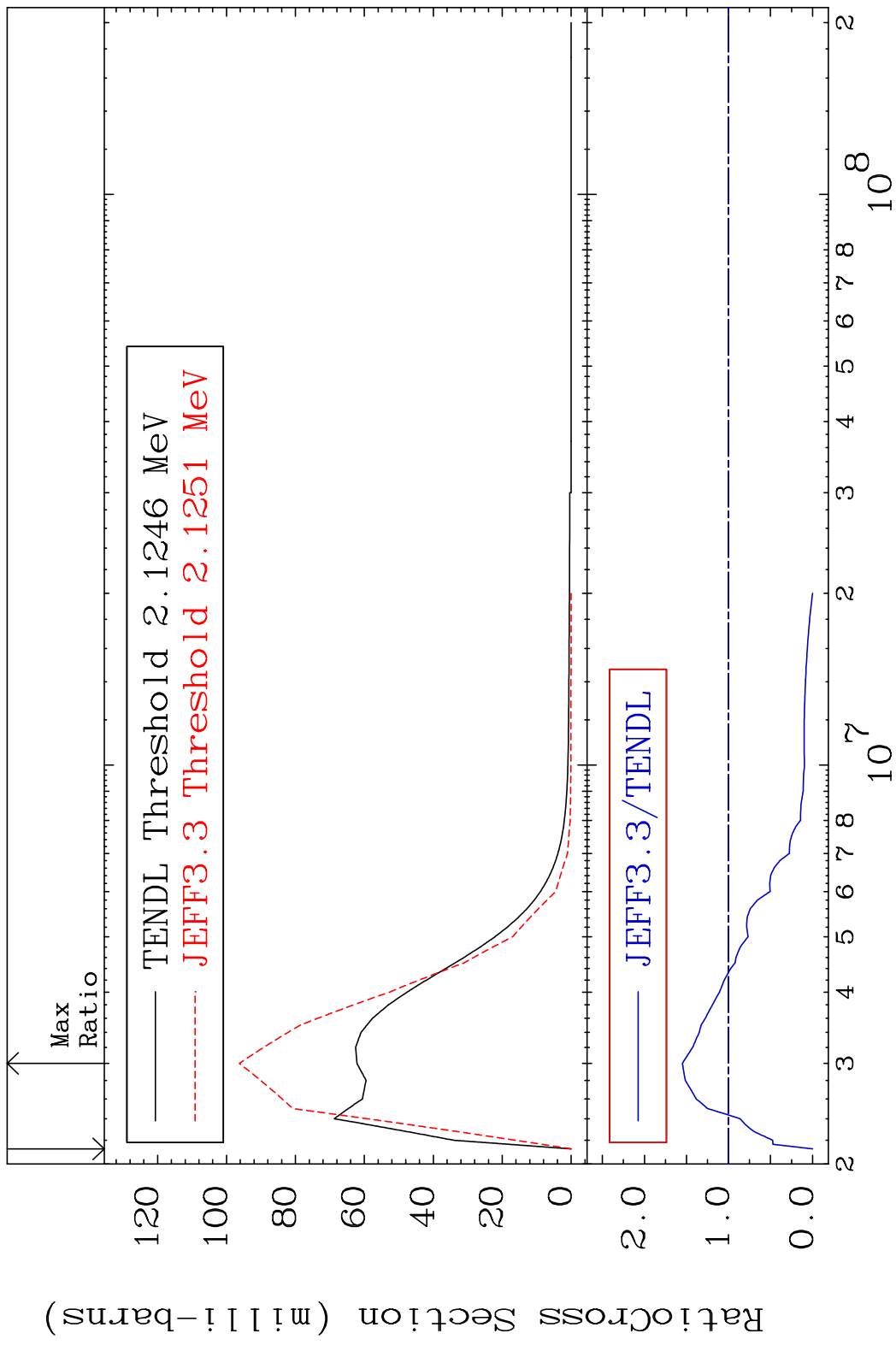
MAT 4825 MT= 53 (n, n') Level 48-Cd-106
 Cross Section -100.0 To 20.57 %



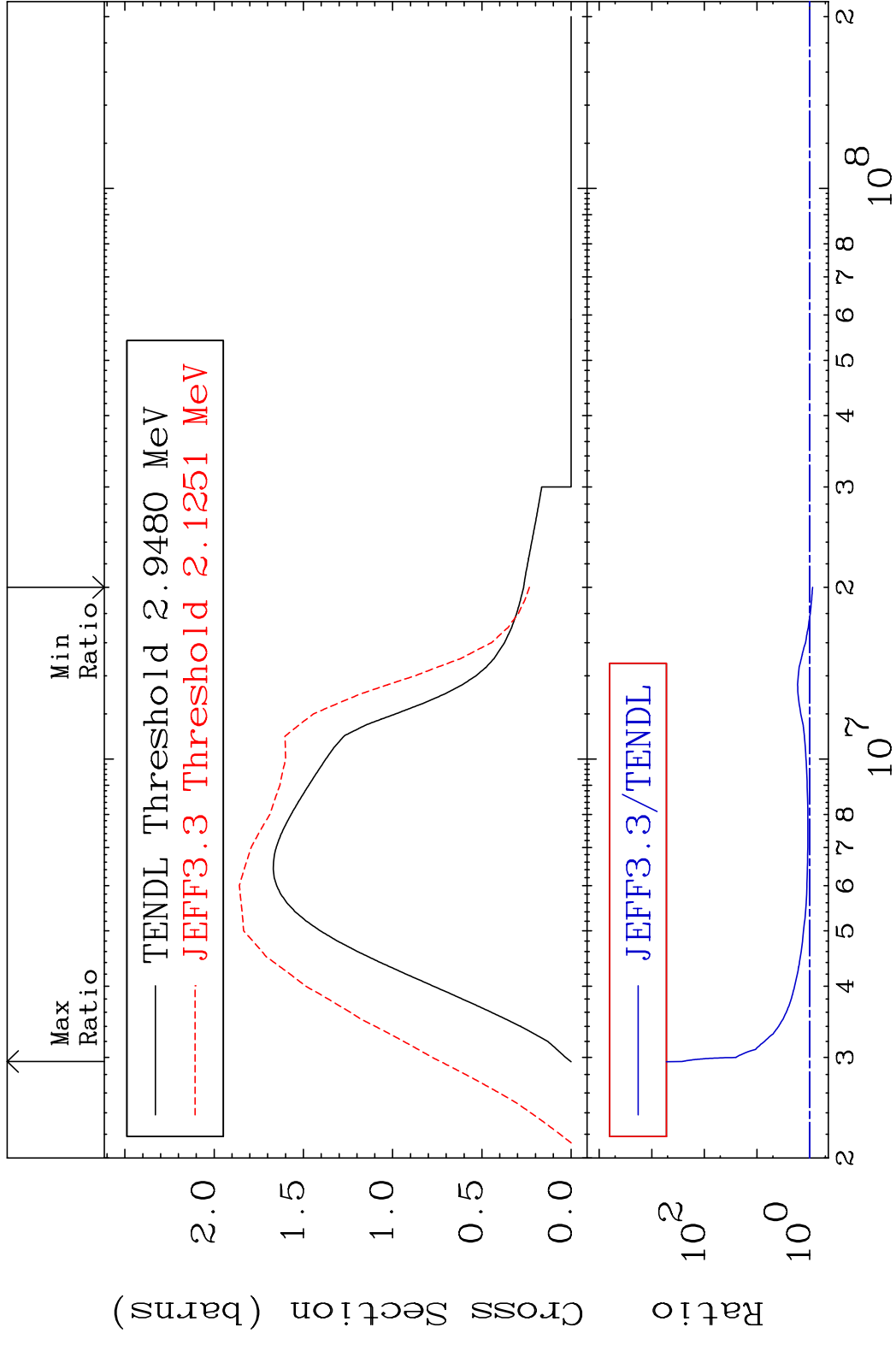
MAT 4825 MT= 54 (n,n') Level 48-Cd-106
 Cross Section -100.0 To 47.88 %



MAT 4825 MT= 55 (n,n') Level 48-Cd-106
 Cross Section -100.0 To 54.88 %



MAT 4825 (n, n') Continuum 48-Cd-106
 Cross Section -12.24 To 9999. %

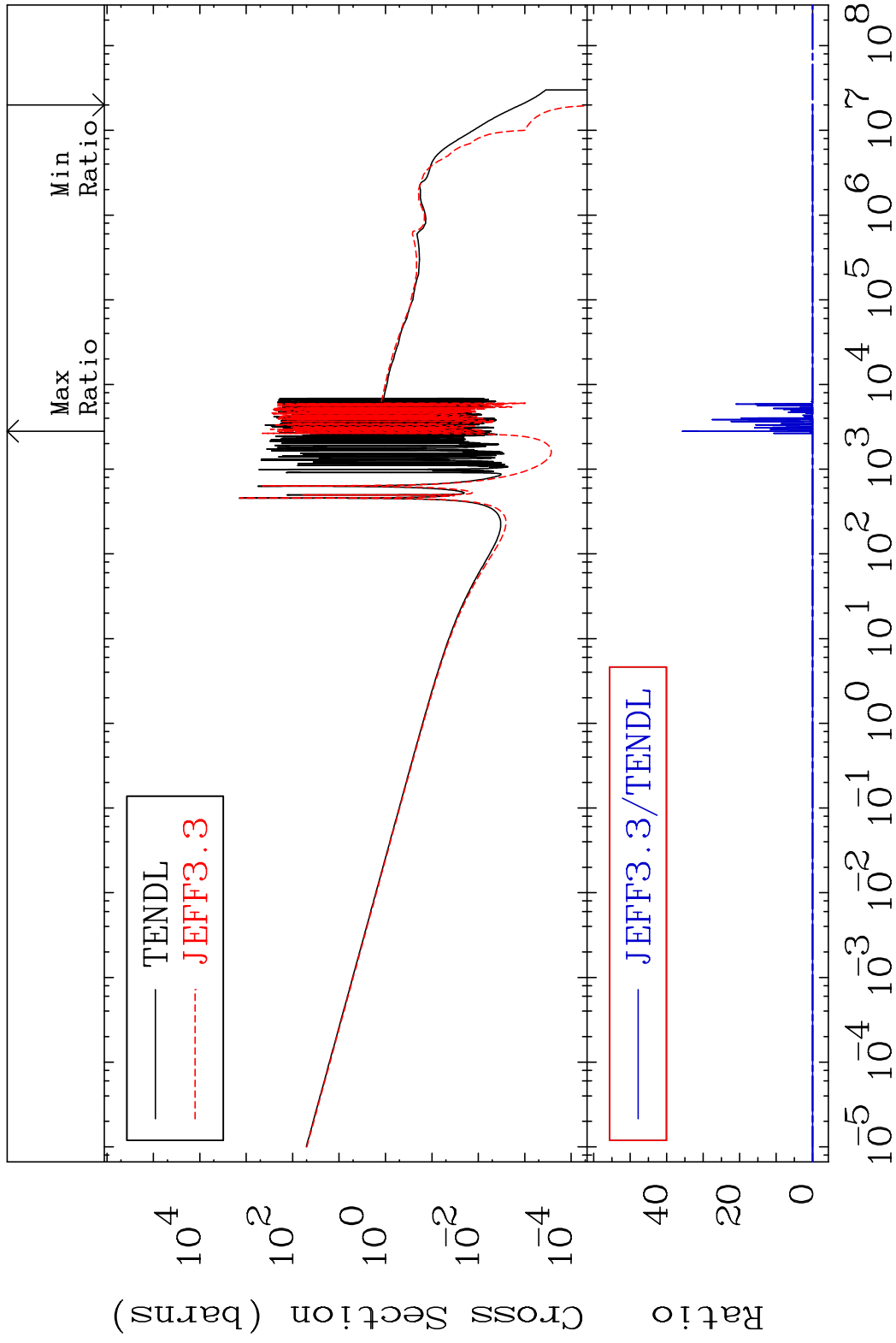


MAT 4825

(n, γ)

48-Cd-106

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

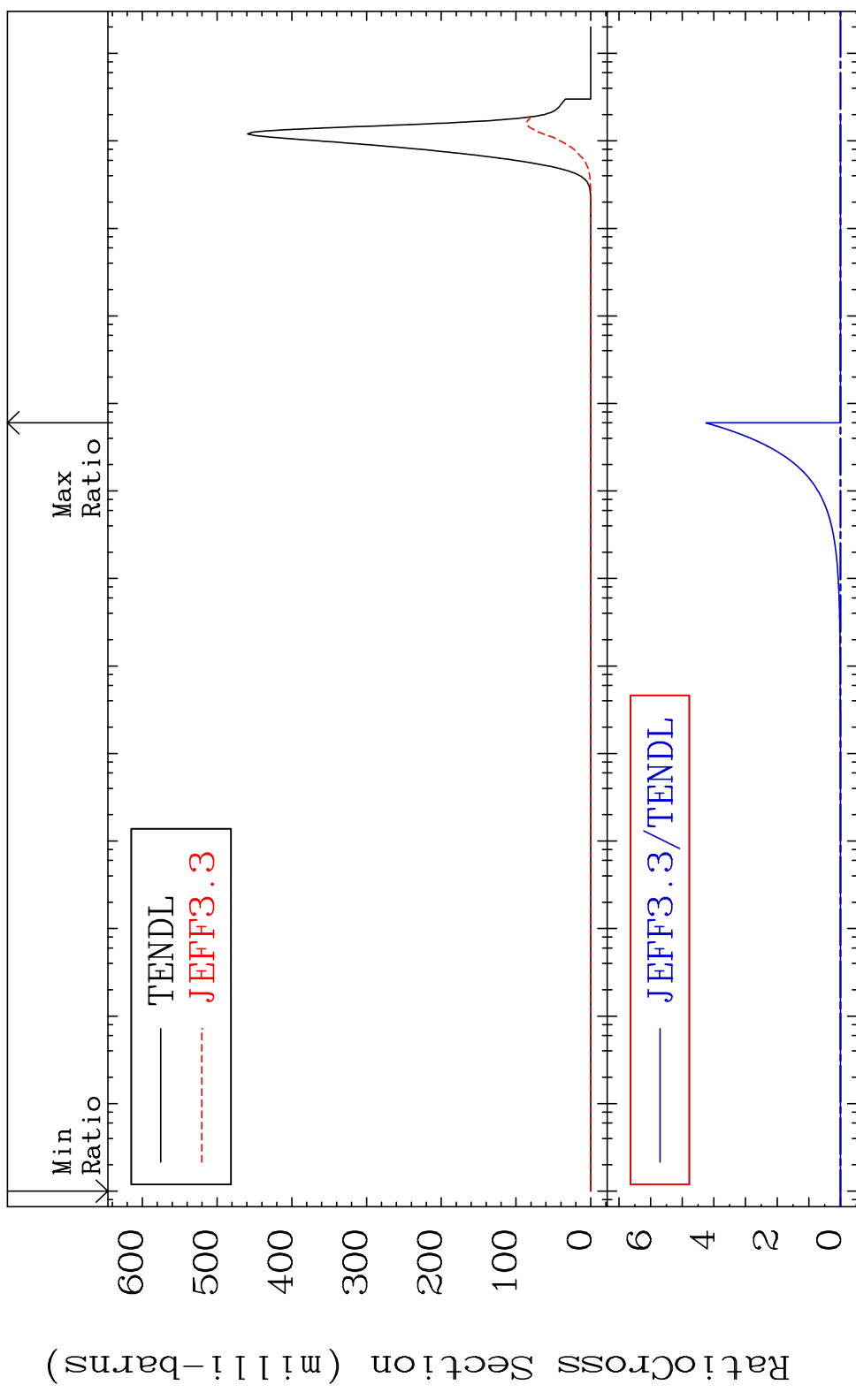
48-Cd-106

MAT 4825

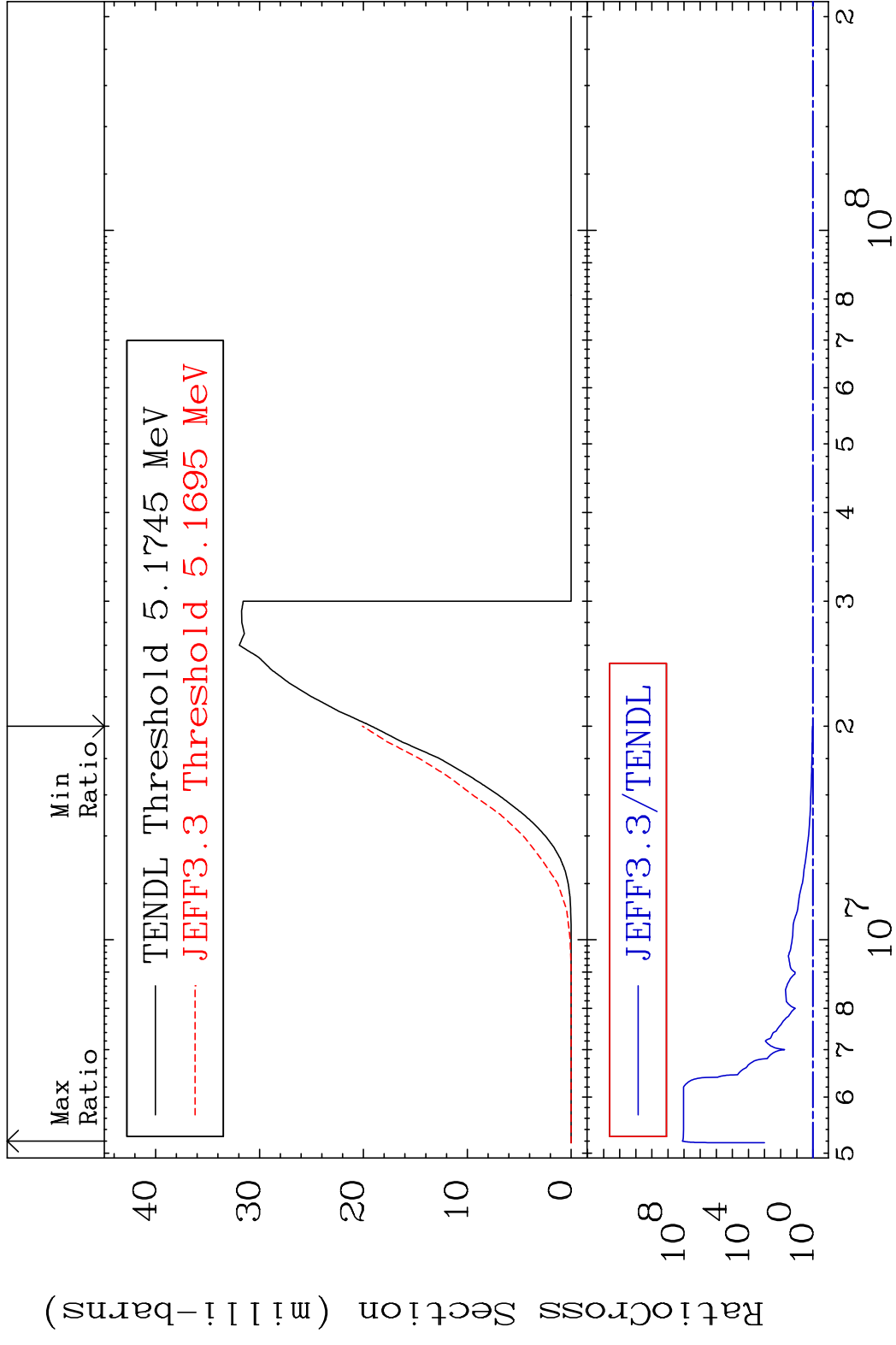
(n, p)

48-Cd-106

Cross Section -100.0 To 9999. %



MAT 4825 (n,d) 48-Cd-106
 Cross Section 4.497 To 9999. %



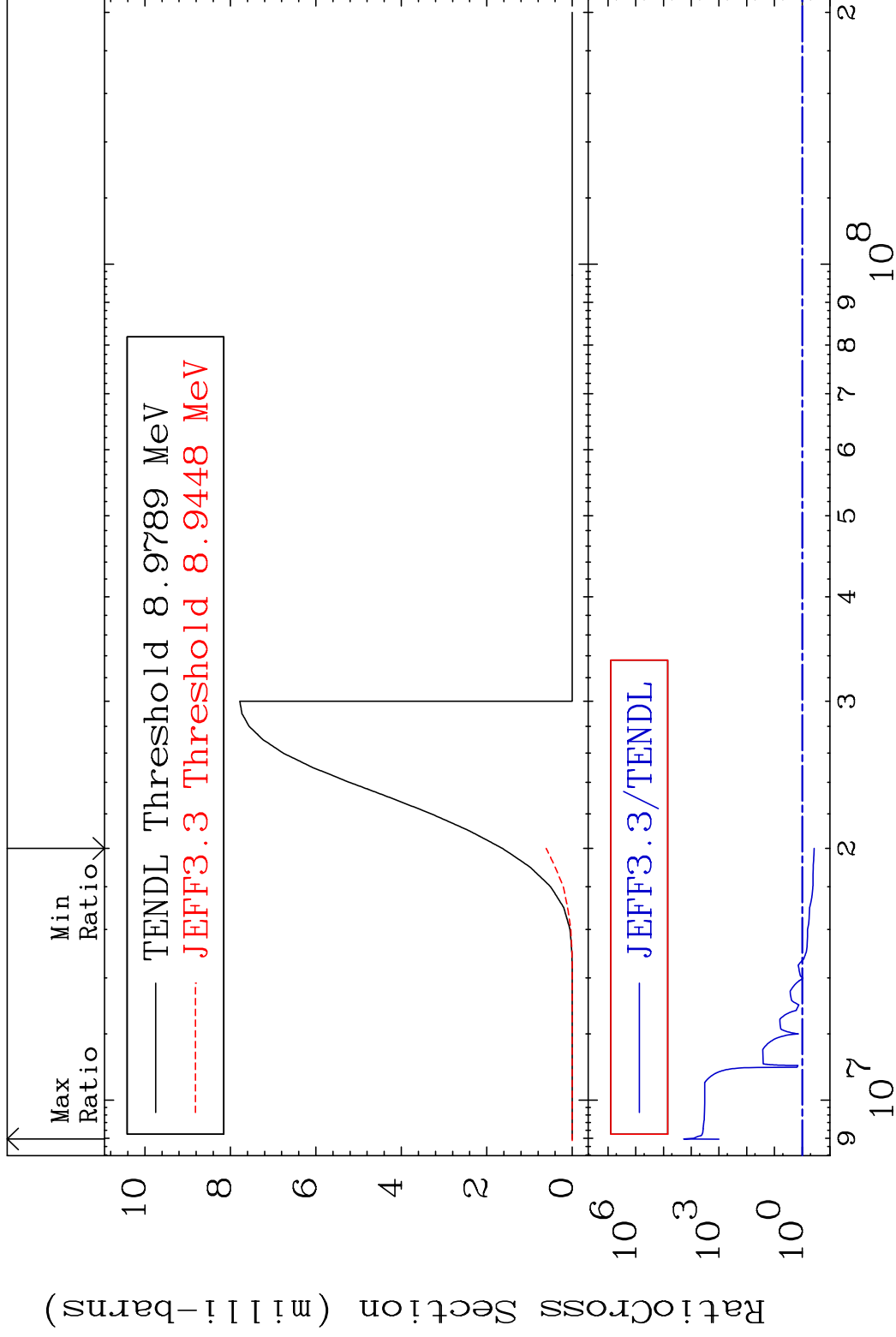
17 Incident Energy (eV) 48-Cd-106

MAT 4825

(n, t)

48-Cd-106

Cross Section -62.66 To 9999. %



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Incident Energy (eV)

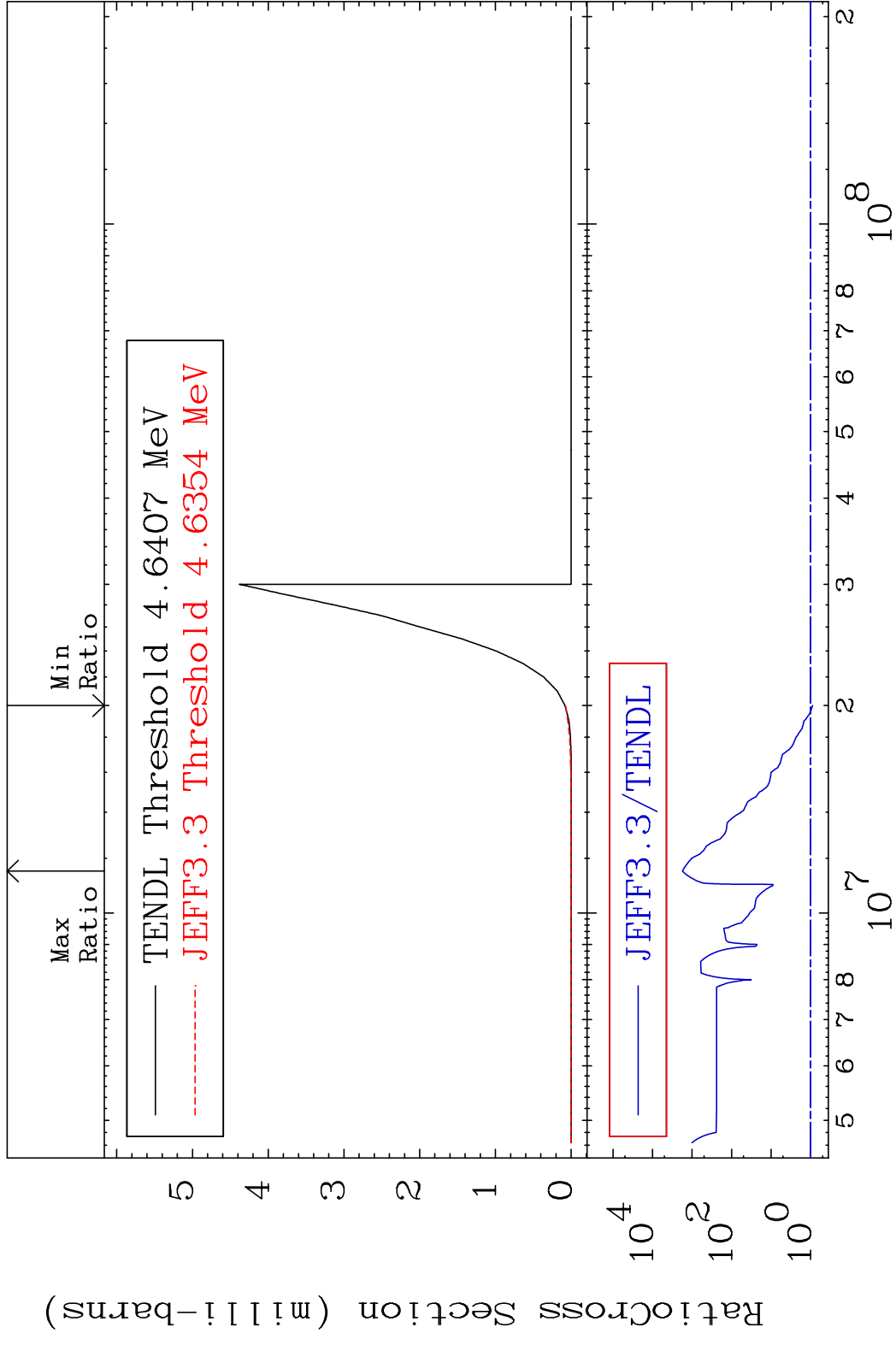
48-Cd-106

MAT 4825

(n, He-3)

48-Cd-106

Cross Section -10.55 To 9999. %

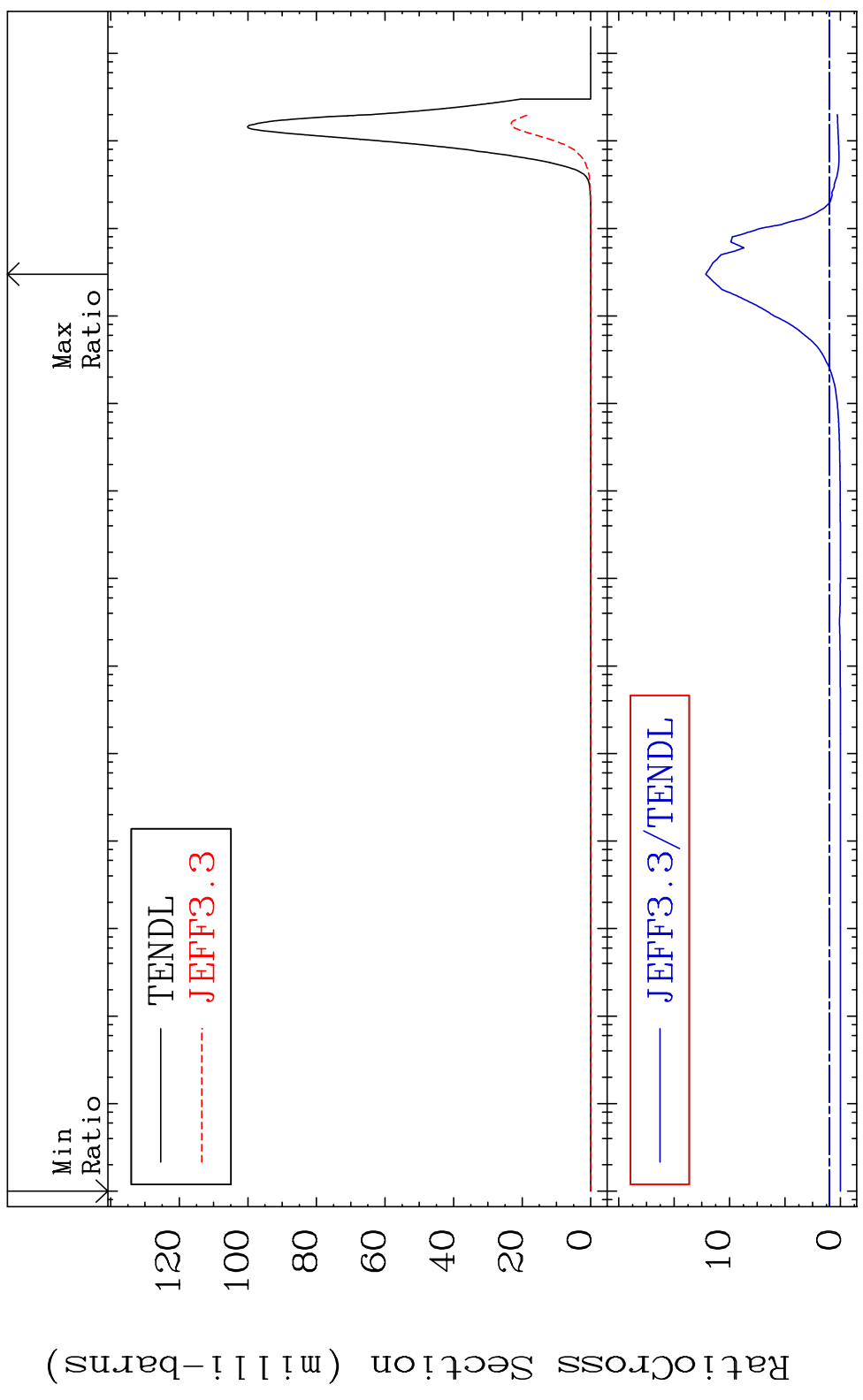


MAT 4825

(n, α)

48-Cd-106

Cross Section -100.0 To 1115. %

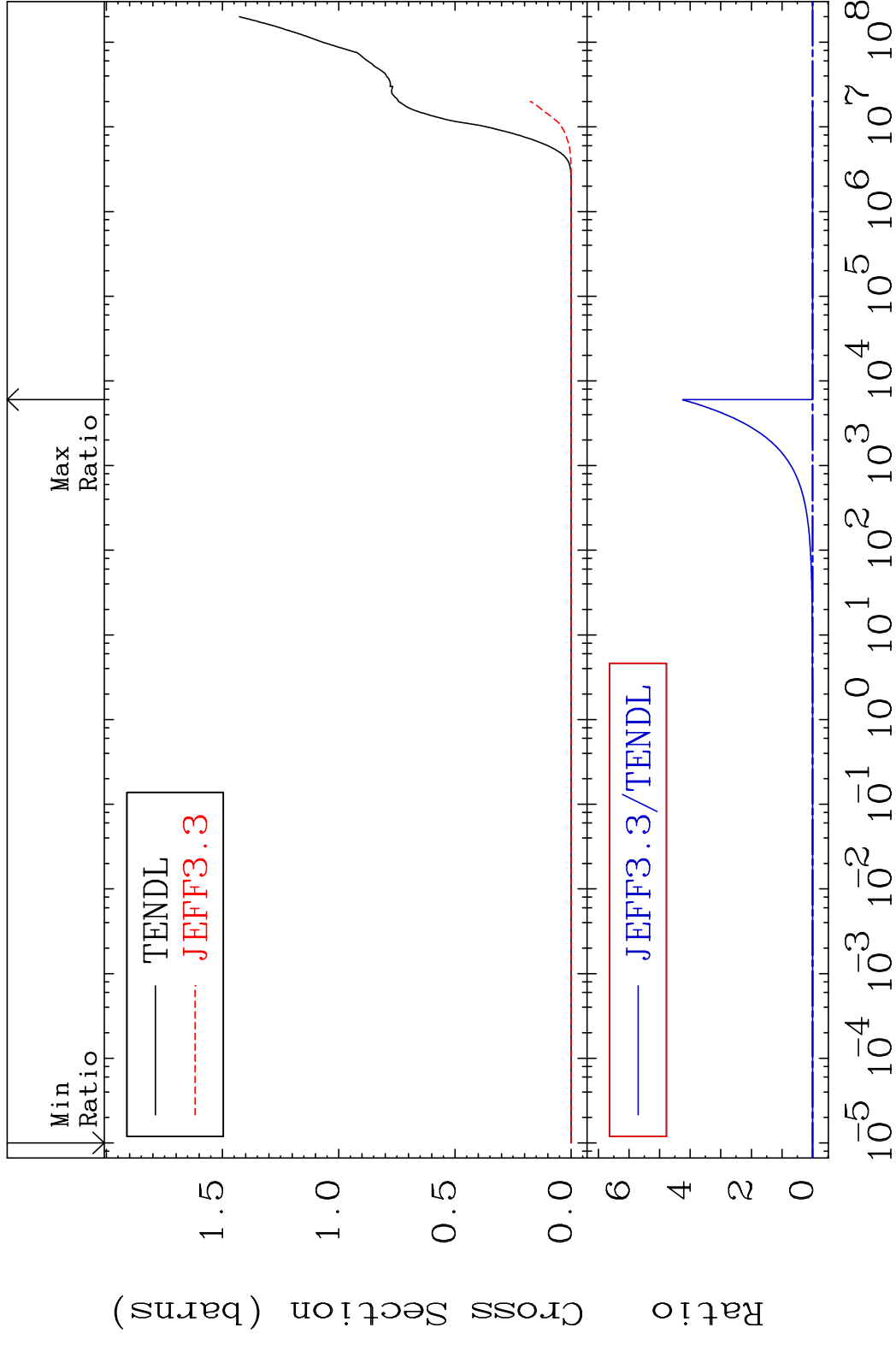


20

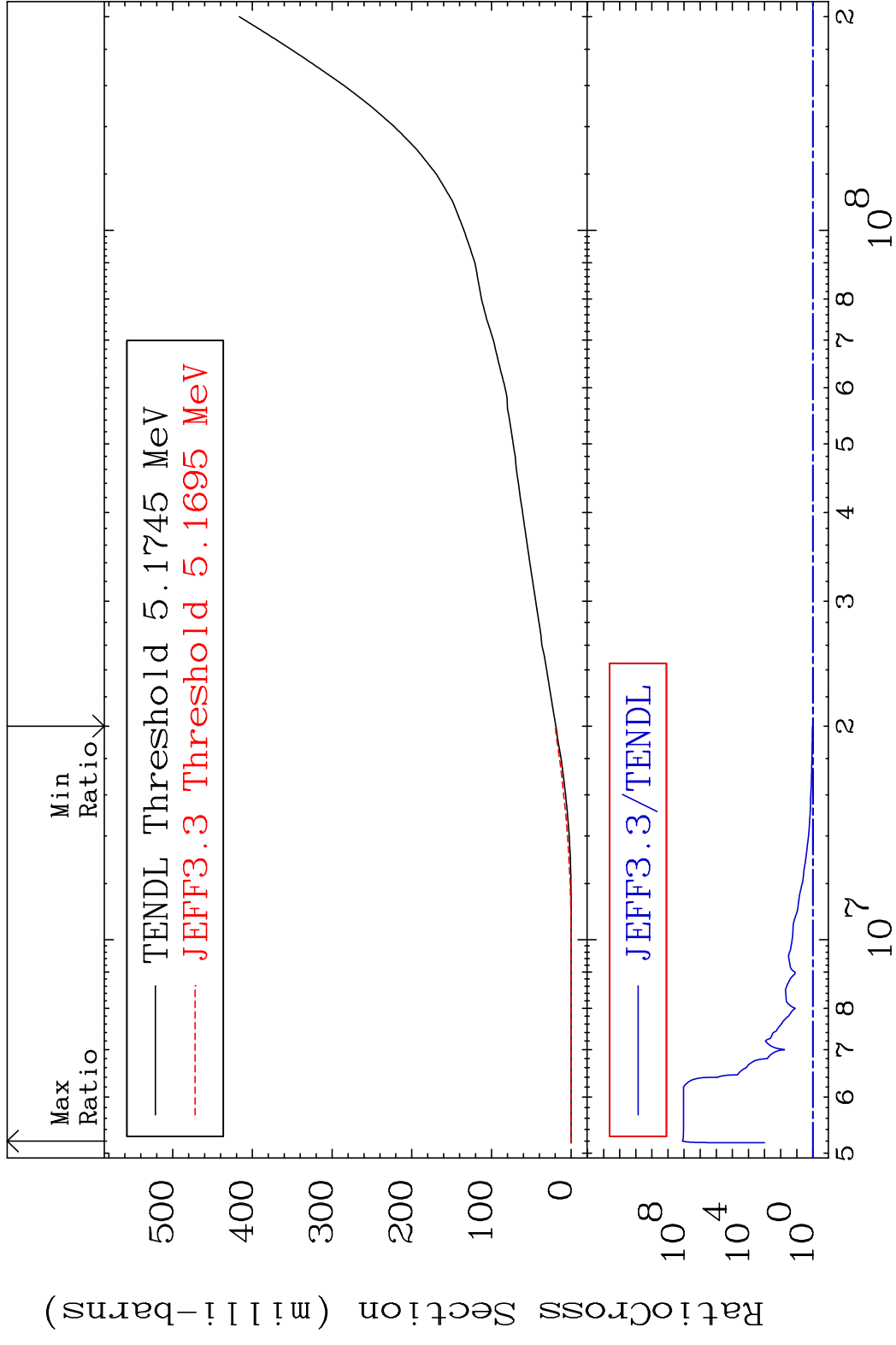
Incident Energy (eV)

48-Cd-106

MAT 4825 Hydrogen Production 48-Cd-106
 Cross Section -100.0 To 9999. %



MAT 4825 Deuterium Production 48-Cd-106
 Cross Section 4.545 To 9999. %

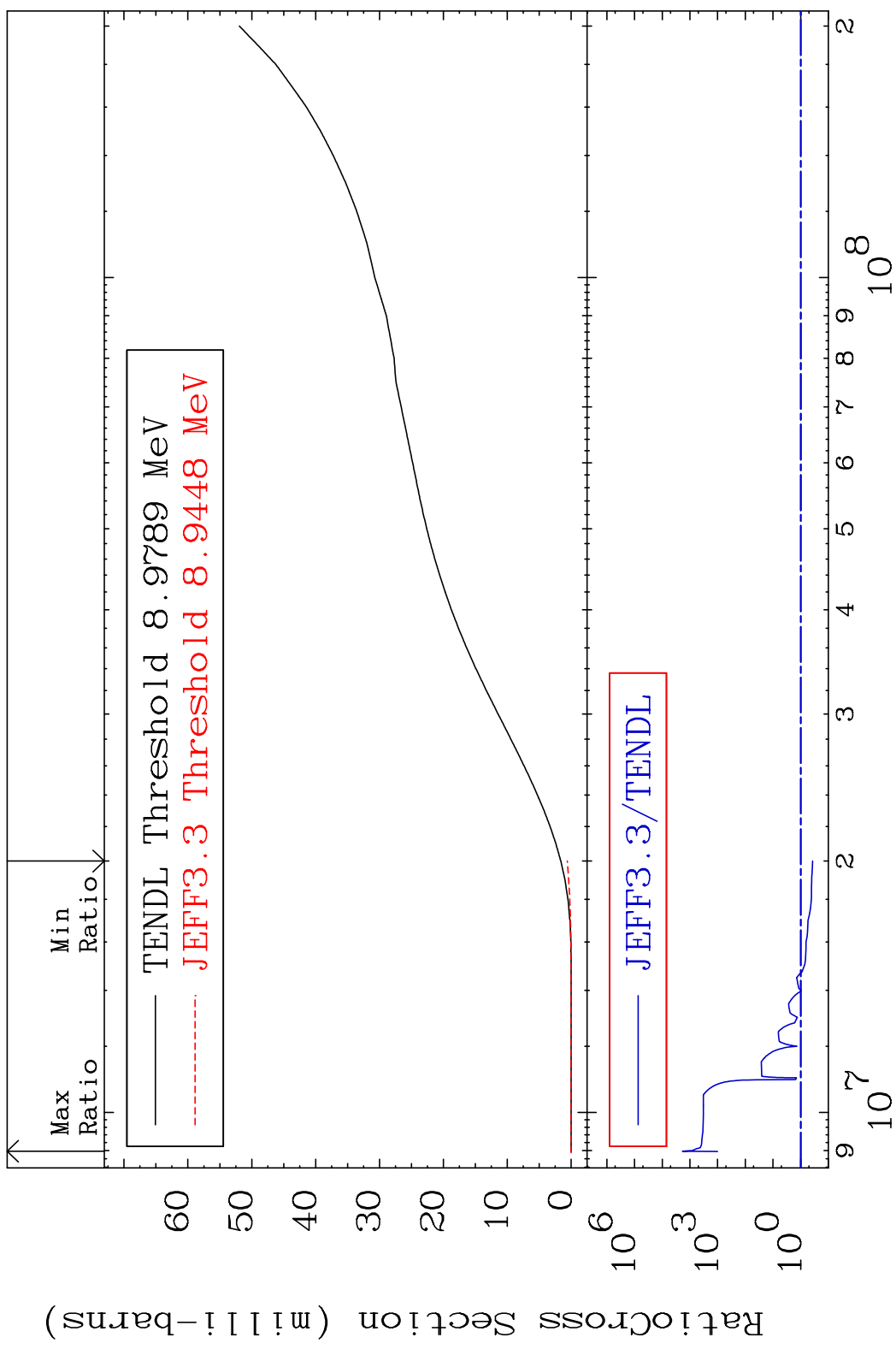


MAT 4825

Tritium Production

48-Cd-106

Cross Section -62.66 To 9999. %

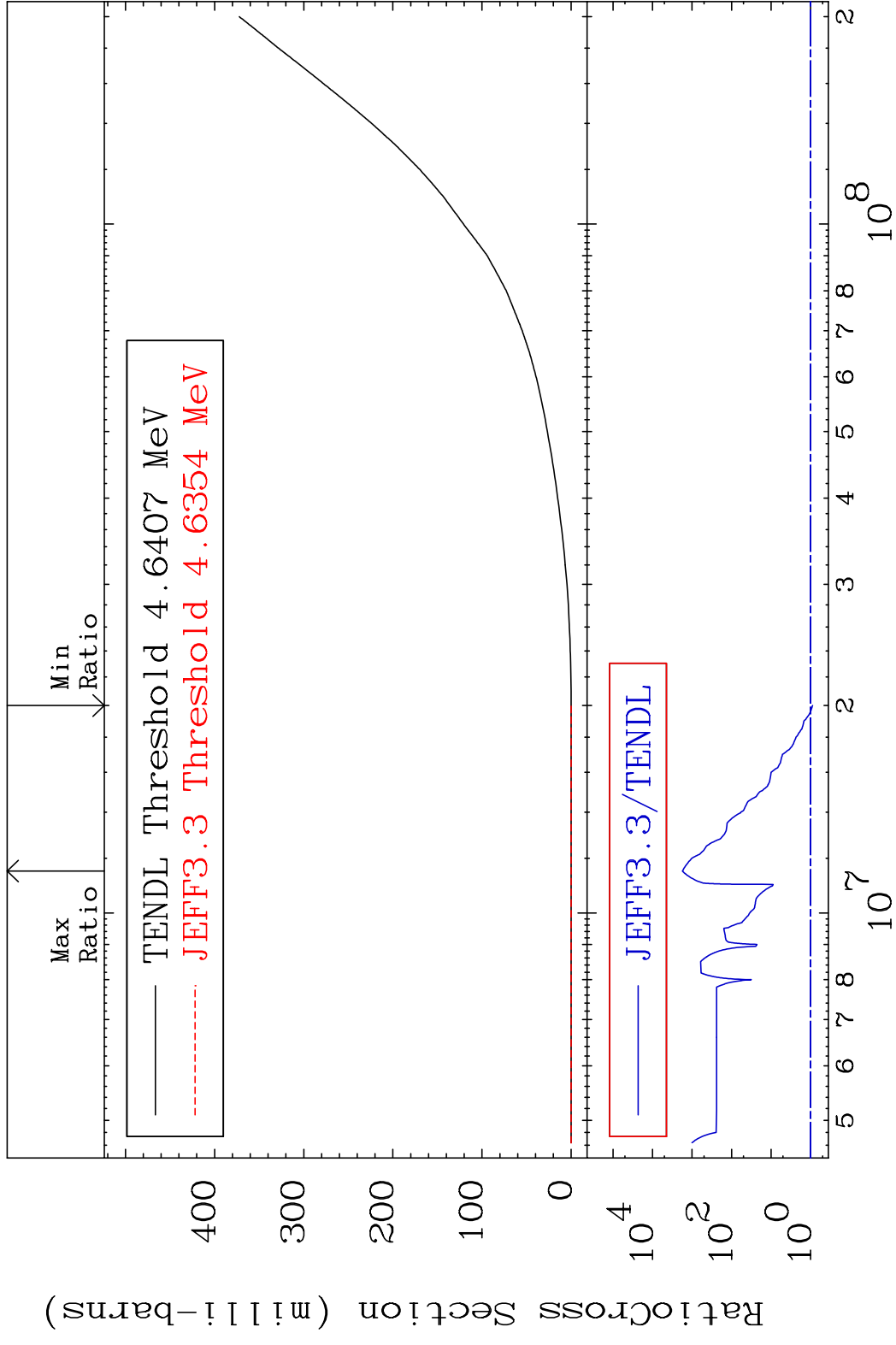


MAT 4825

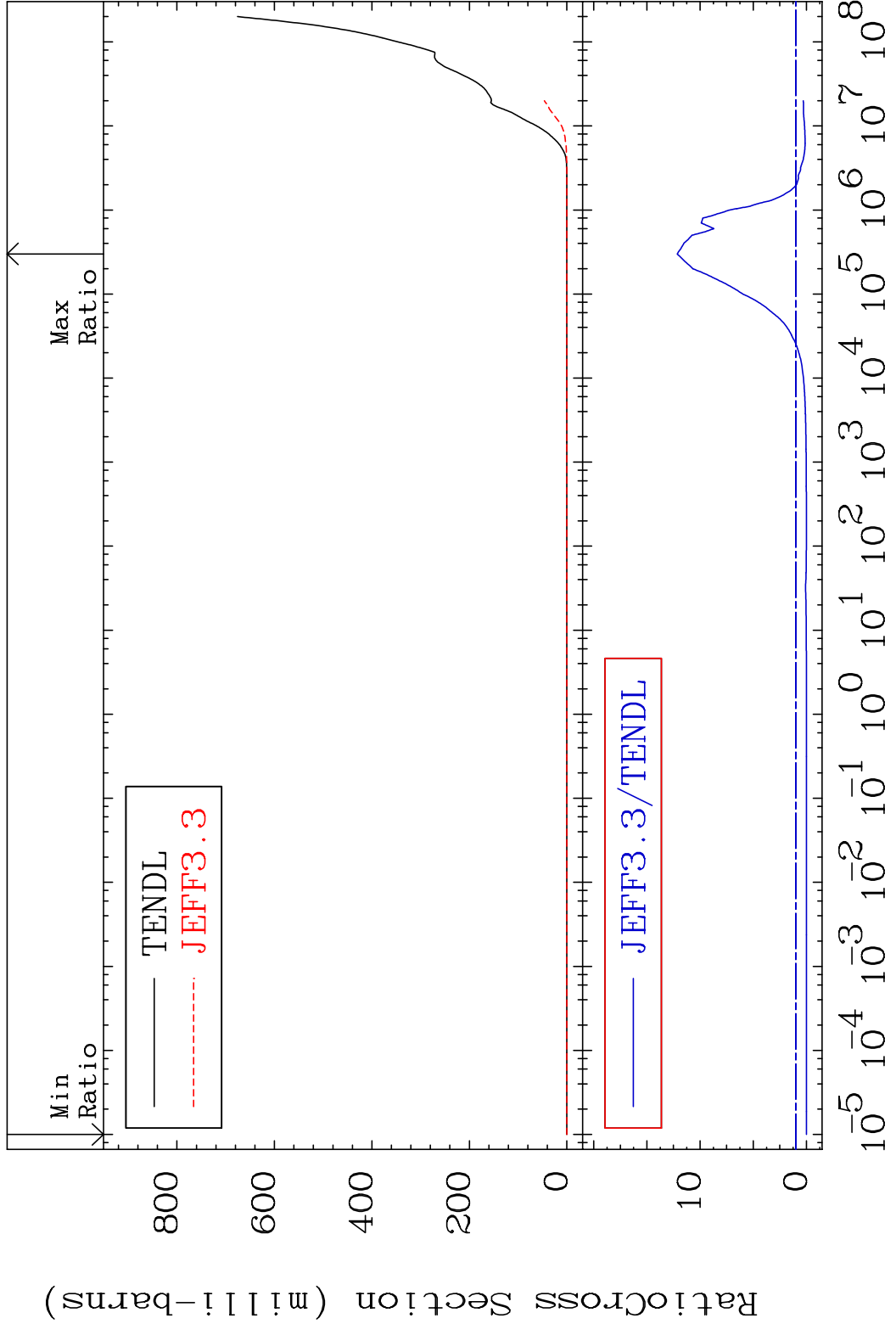
He-3 Production

48-Cd-106

Cross Section -10.55 To 9999. %

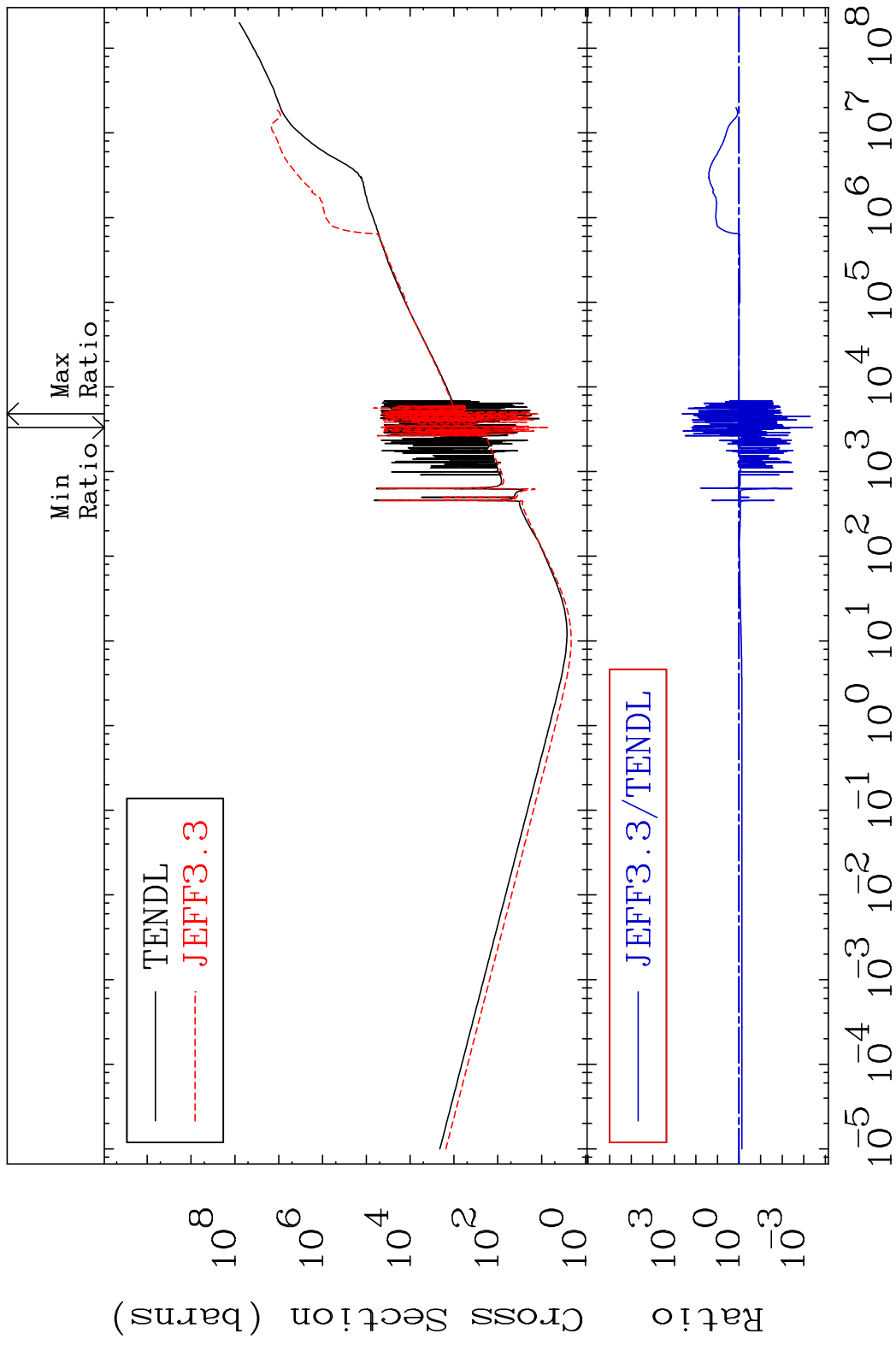


MAT 4825 He-4 Production 48-Cd-106
 Cross Section -100.0 To 1115. %



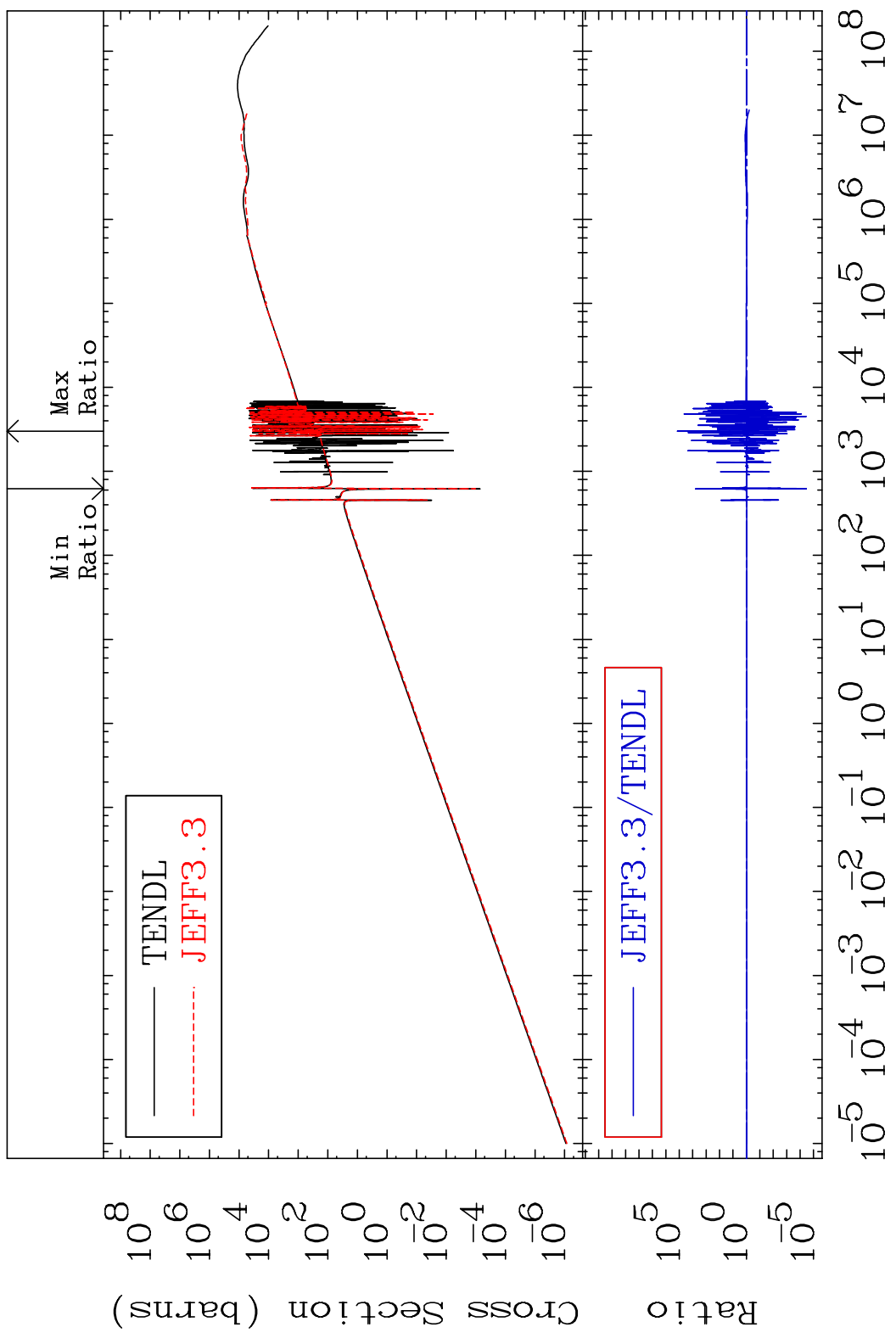
25 48-Cd-106

MAT 4825 Kerma total (eV-barns) 48-Cd-106
 Cross Section -99.96 To 9999. %

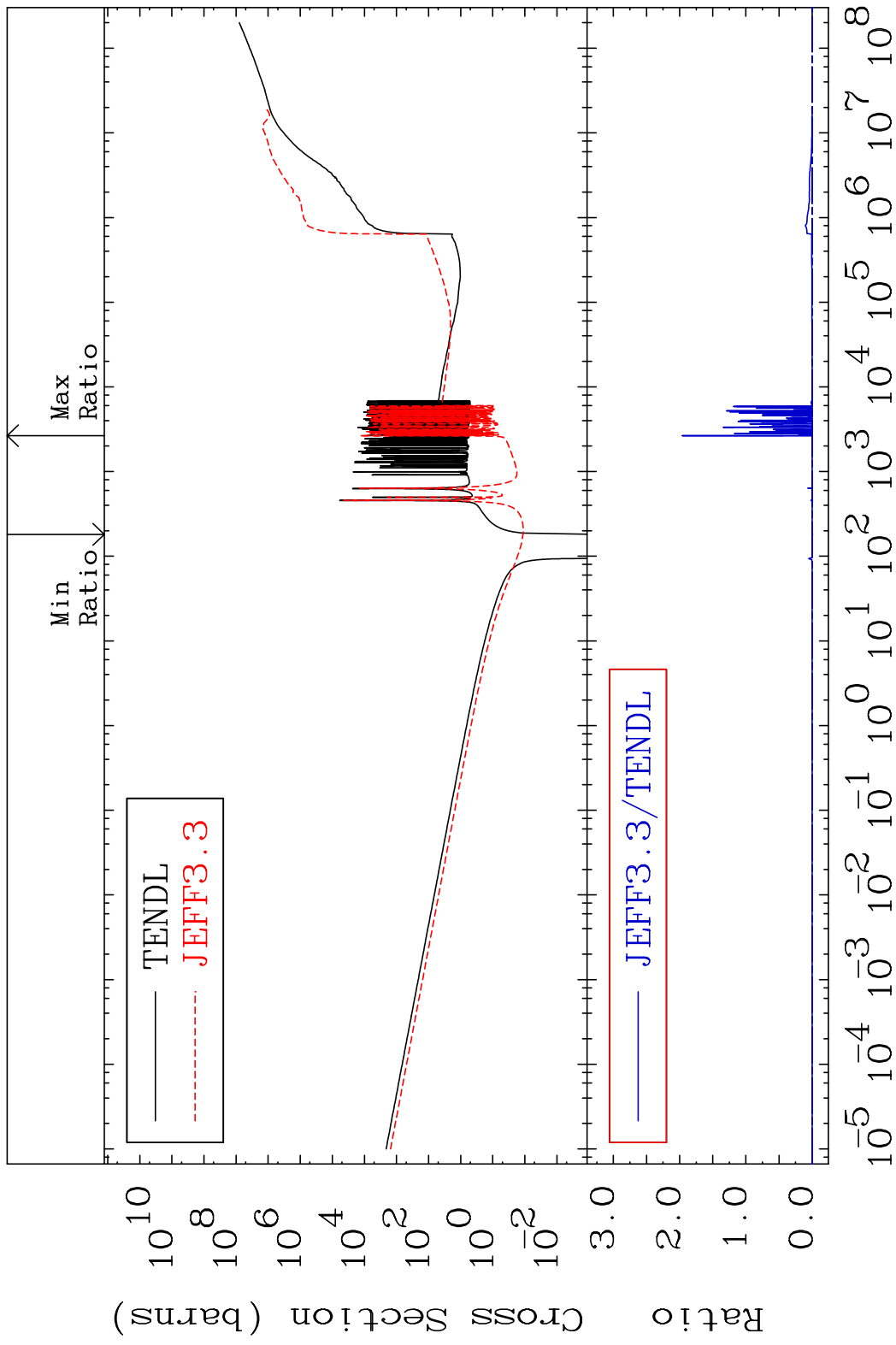


MAT 4825

Kerma elastic Cross Section -100.0 To 9999. %
48-Cd-106

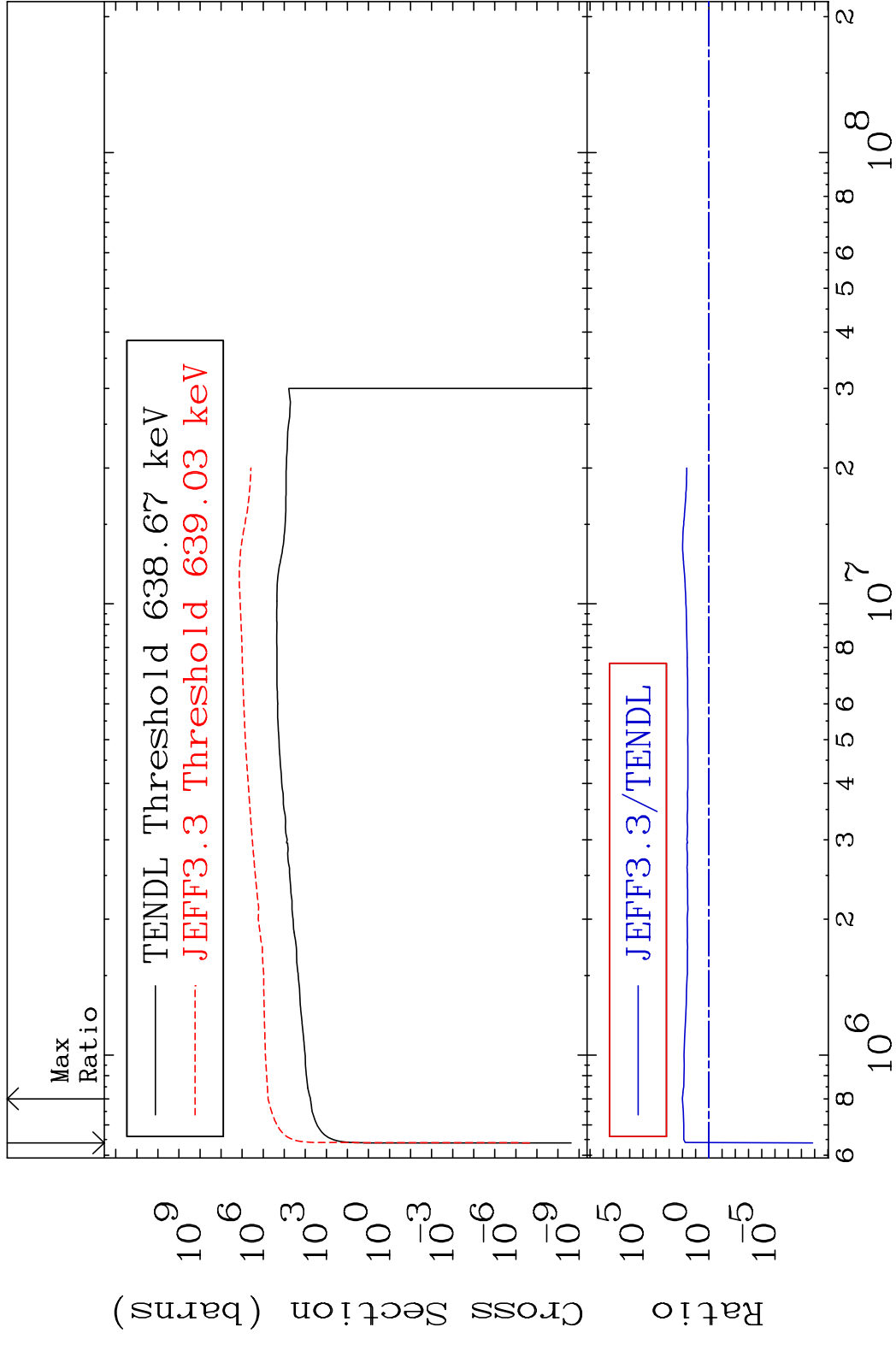


MAT 4825 Kerma non-elastic (all but mt2) 48-Cd-106
 Cross Section -761.4 To 9999. %

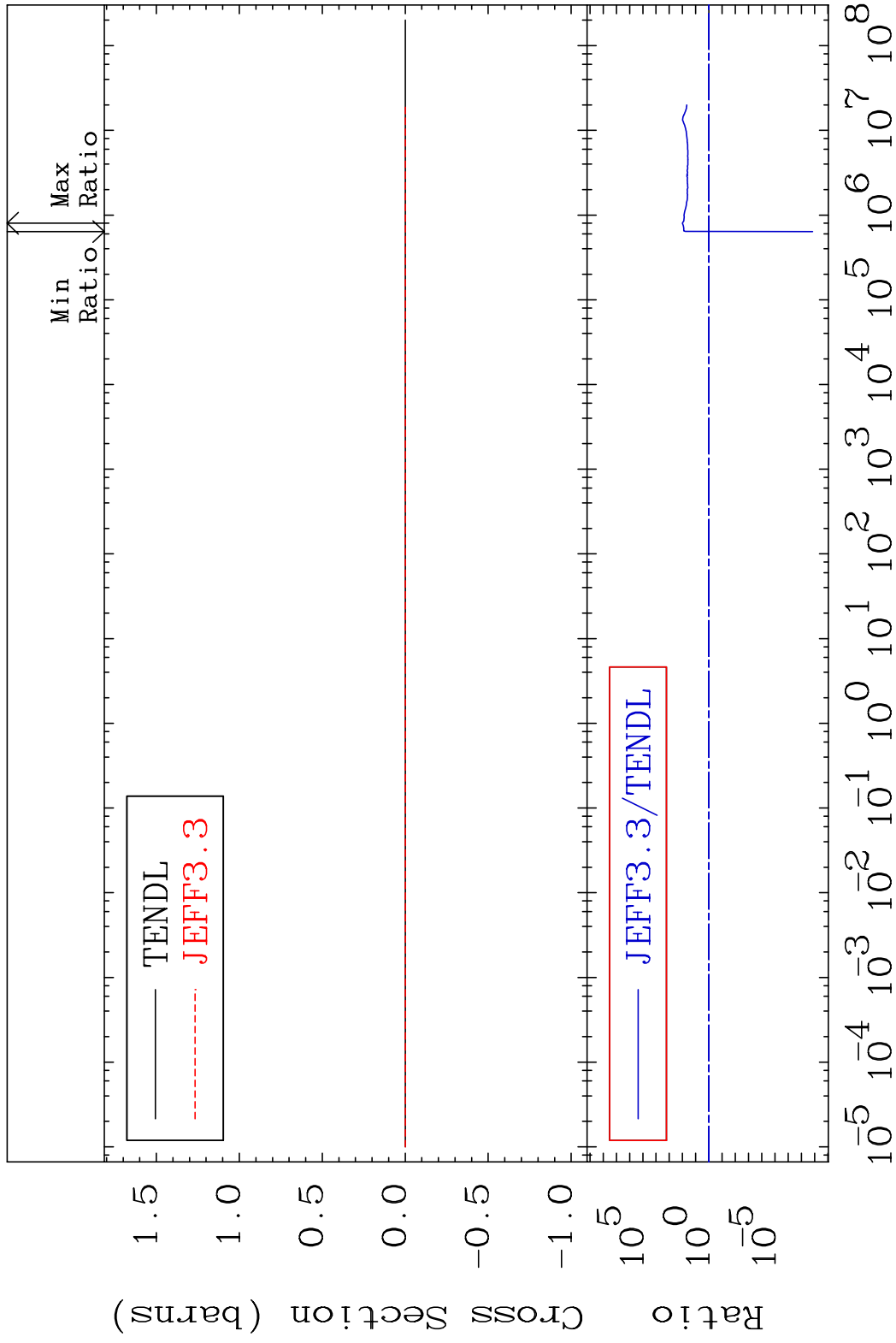


28 Incident Energy (eV) 48-Cd-106

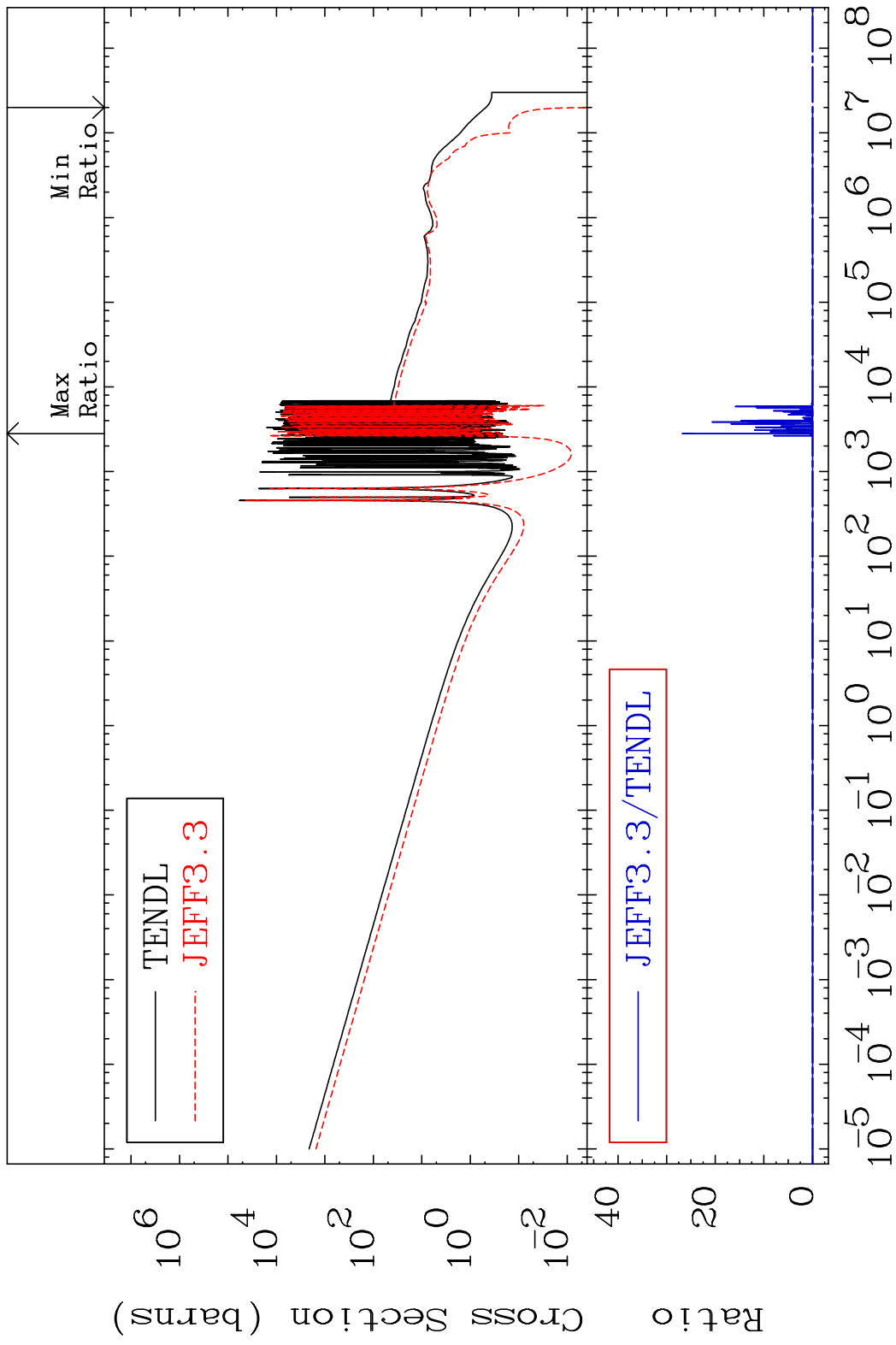
MAT 4825 Kerma inelastic (mt51-91) 48-Cd-106
 Cross Section -100.0 To 9999. %



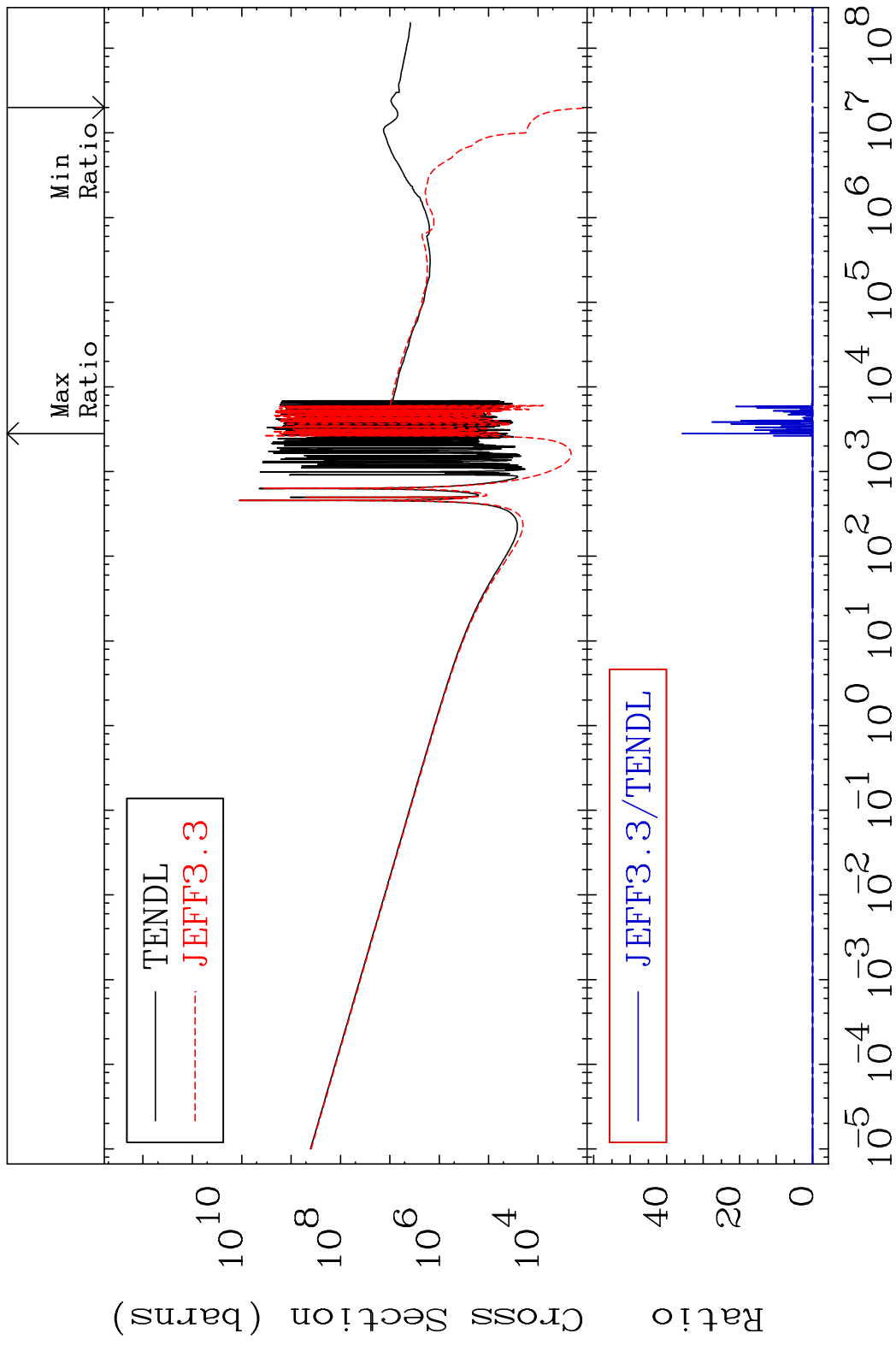
MAT 4825 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-106
 Cross Section -100.0 To 9999. %



MAT 4825 Kerma capture (mt102) 48-Cd-106
 Cross Section -100.0 To 9999. %

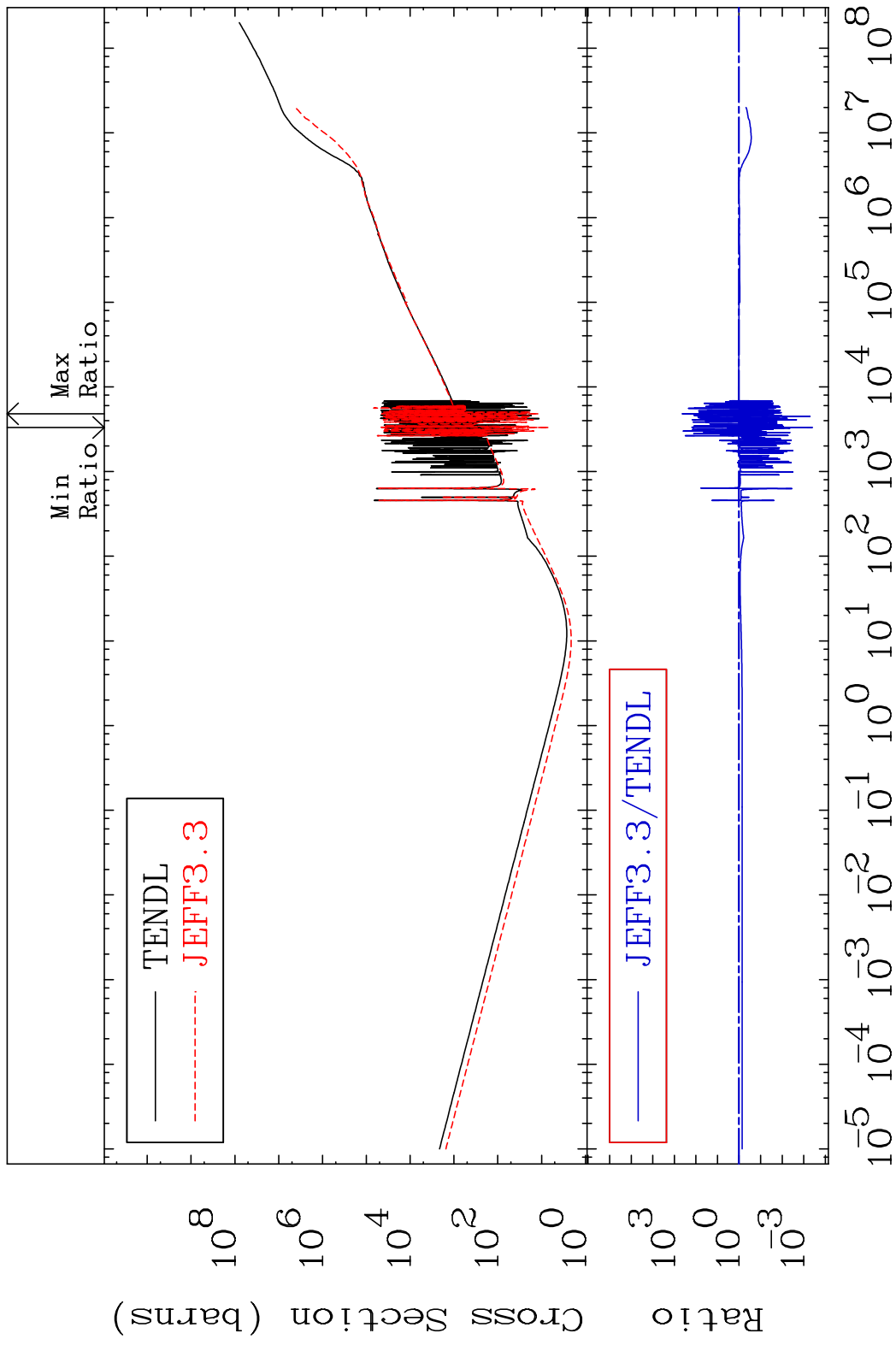


MAT 4825 Total photon (eV-barns) 48-Cd-106
 Cross Section -100.0 To 9999. %

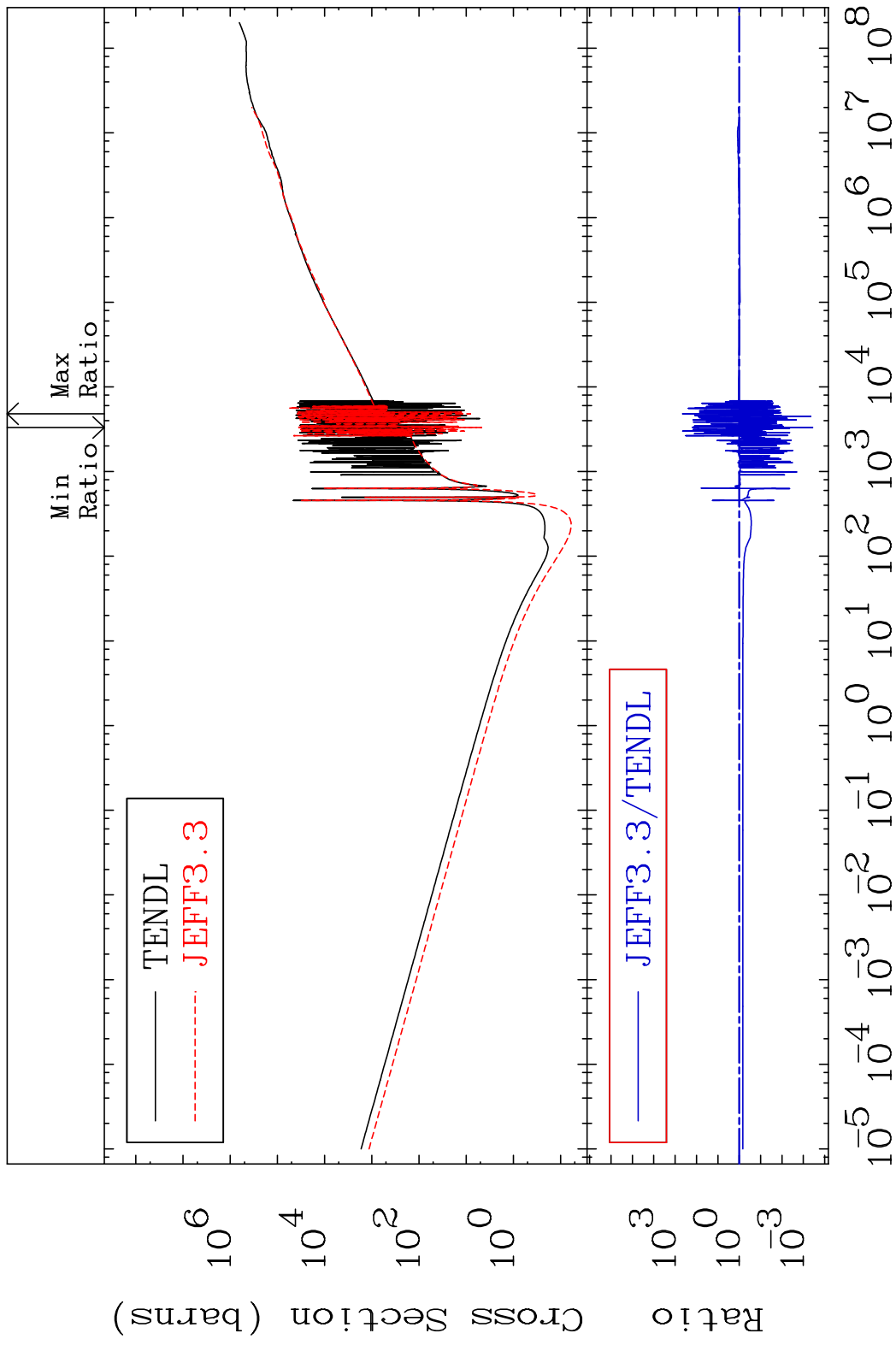


32 Incident Energy (eV) 48-Cd-106

MAT 4825 Total kinematic kerma (high limit) 48-Cd-106
 Cross Section -99.96 To 9999. %



MAT 4825 Dpa total (eV-barns) 48-Cd-106
 Cross Section -99.96 To 9999. %



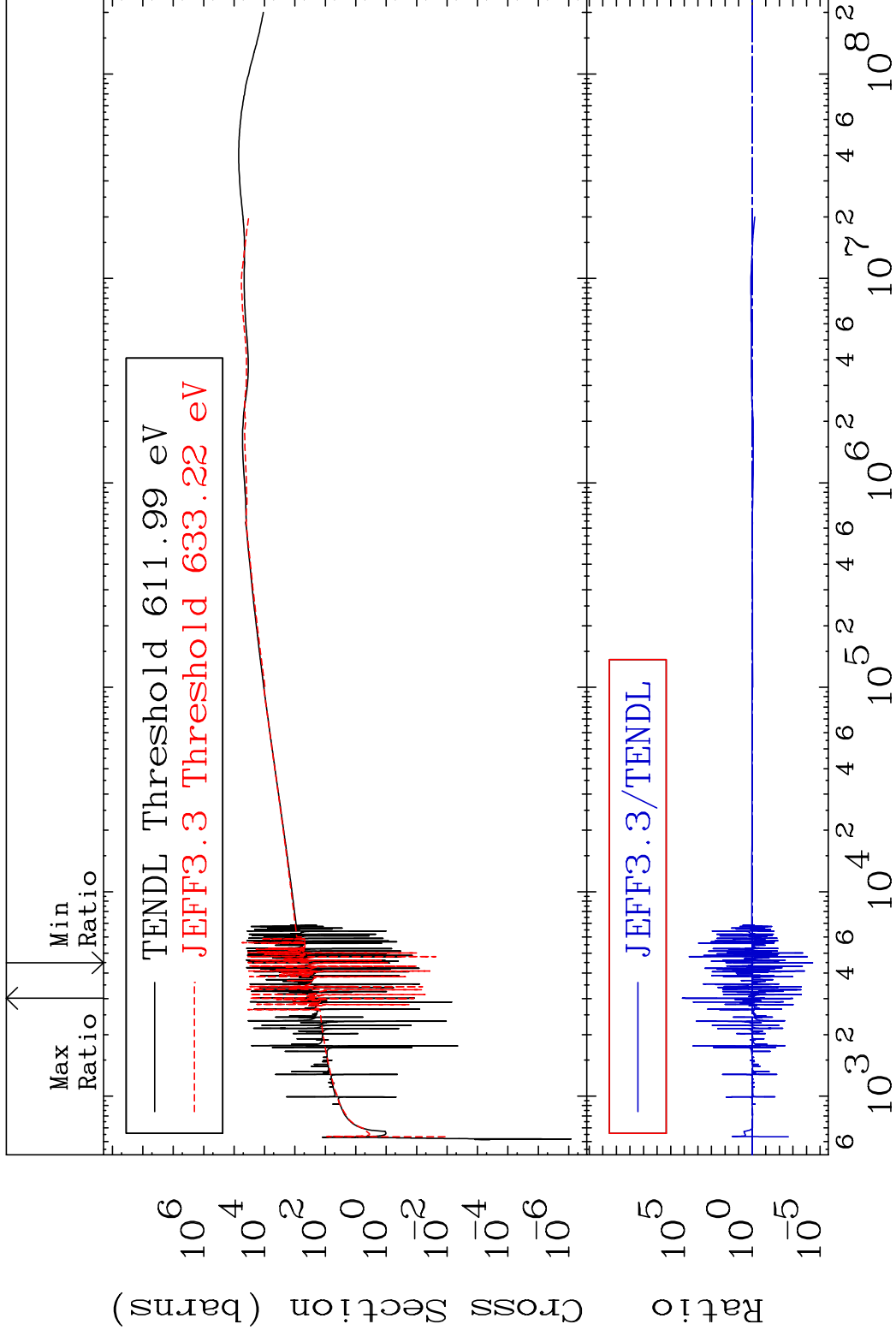
34 Incident Energy (eV) 48-Cd-106

MAT 4825

Dpa elastic (mt2)

48-Cd-106

Cross Section -100.0 To 9999. %

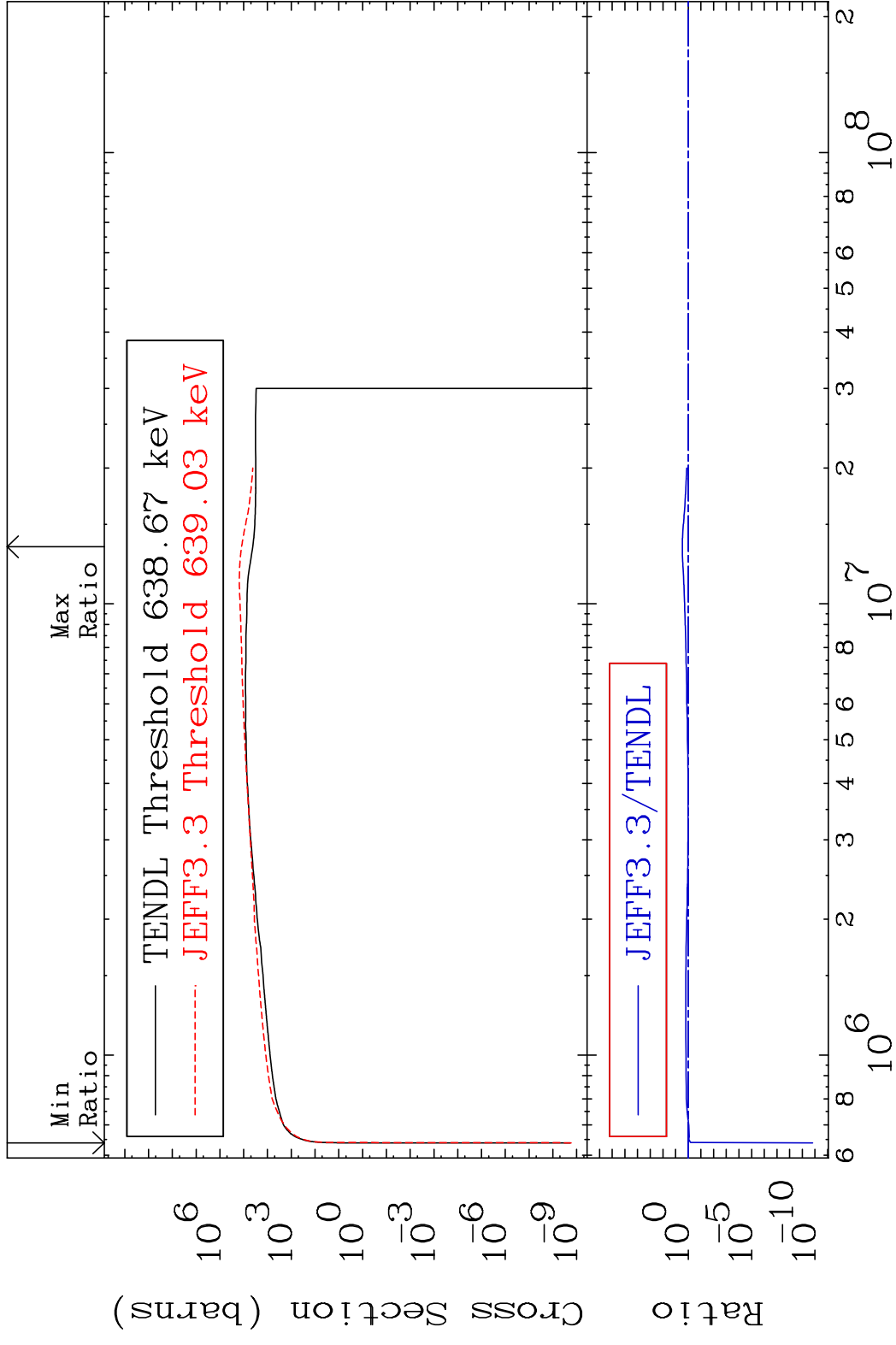


35

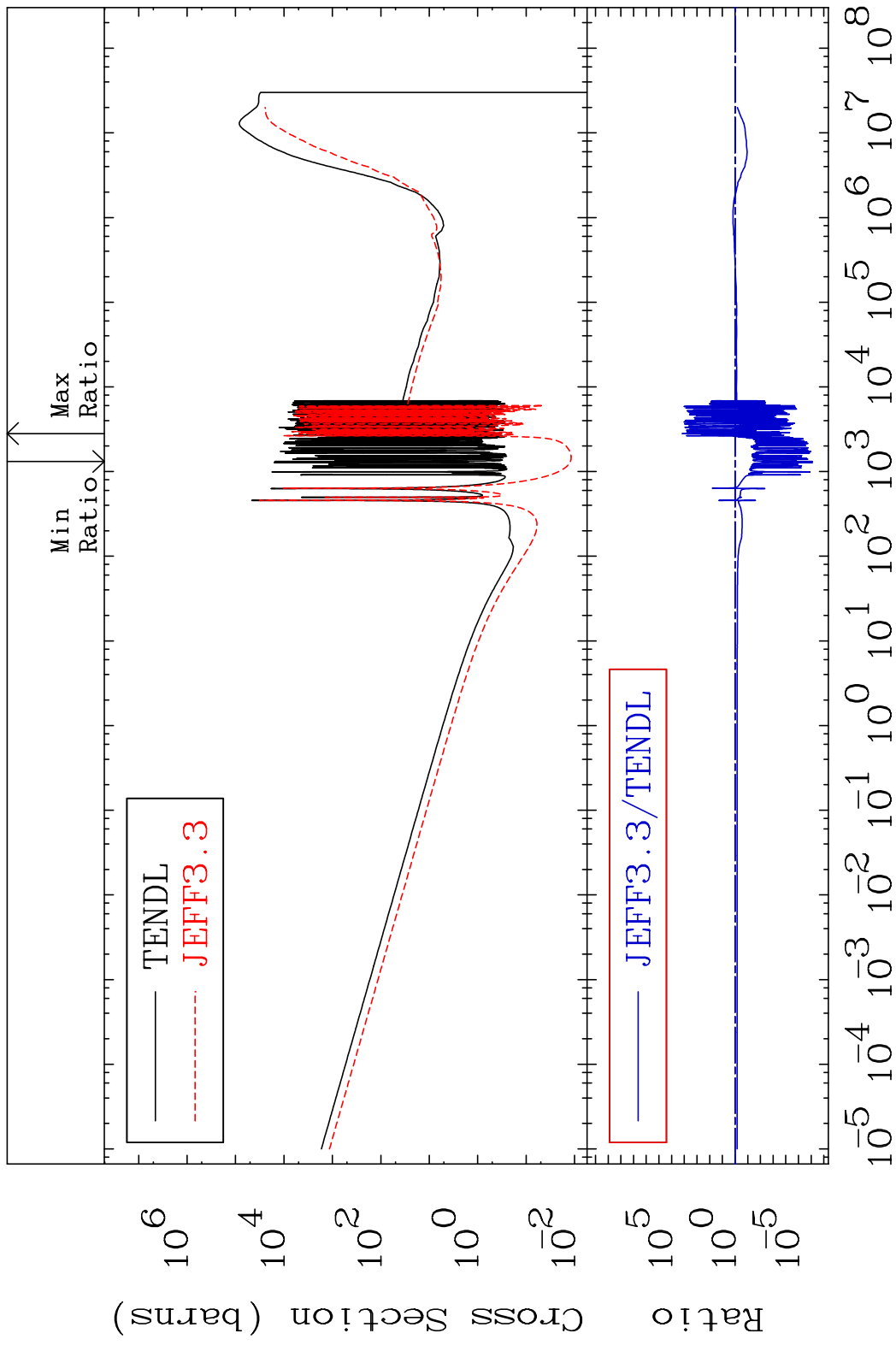
Incident Energy (eV)

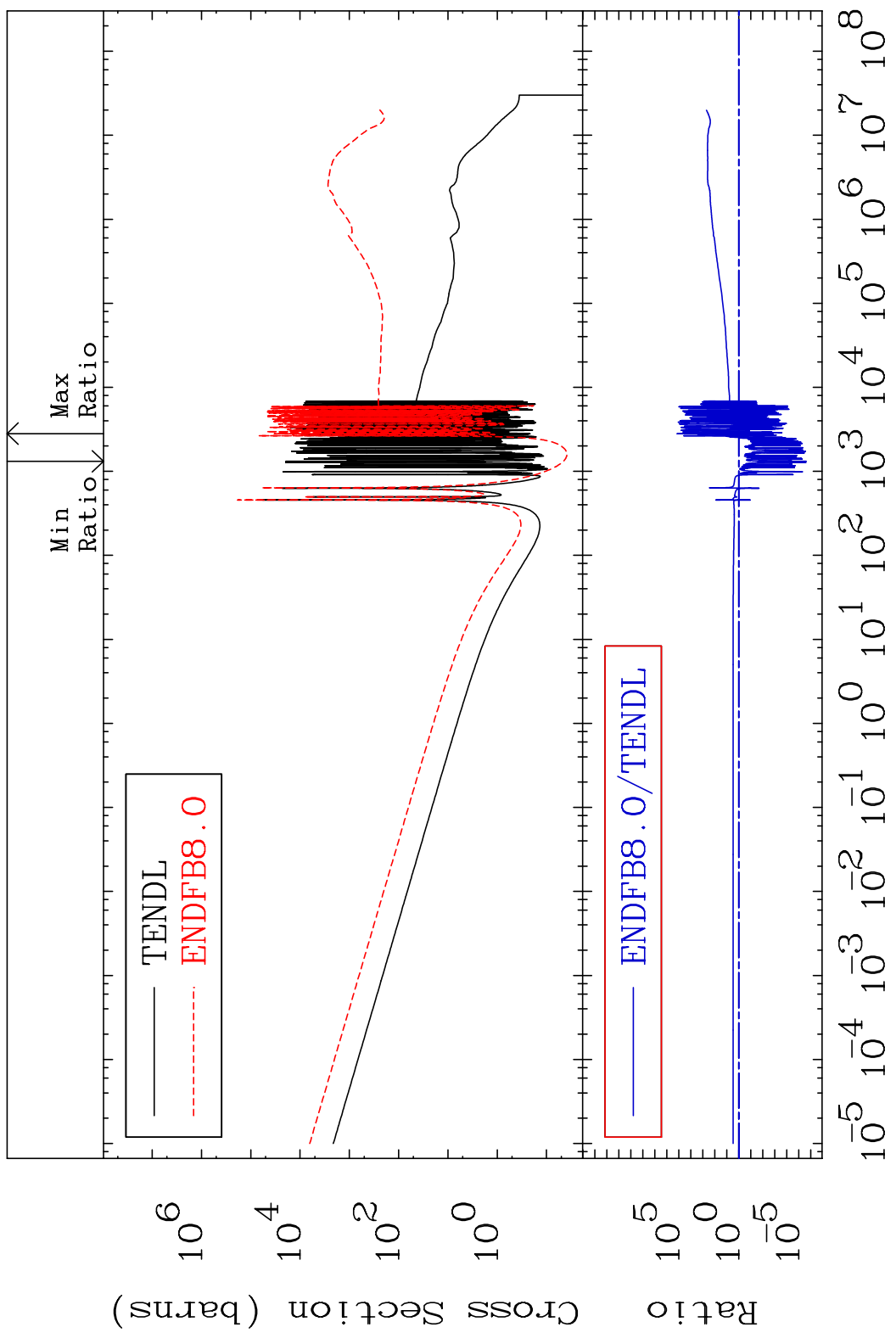
48-Cd-106

MAT 4825 Dpa inelastic (mt51-91) 48-Cd-106
 Cross Section -100.0 To 191.7 %

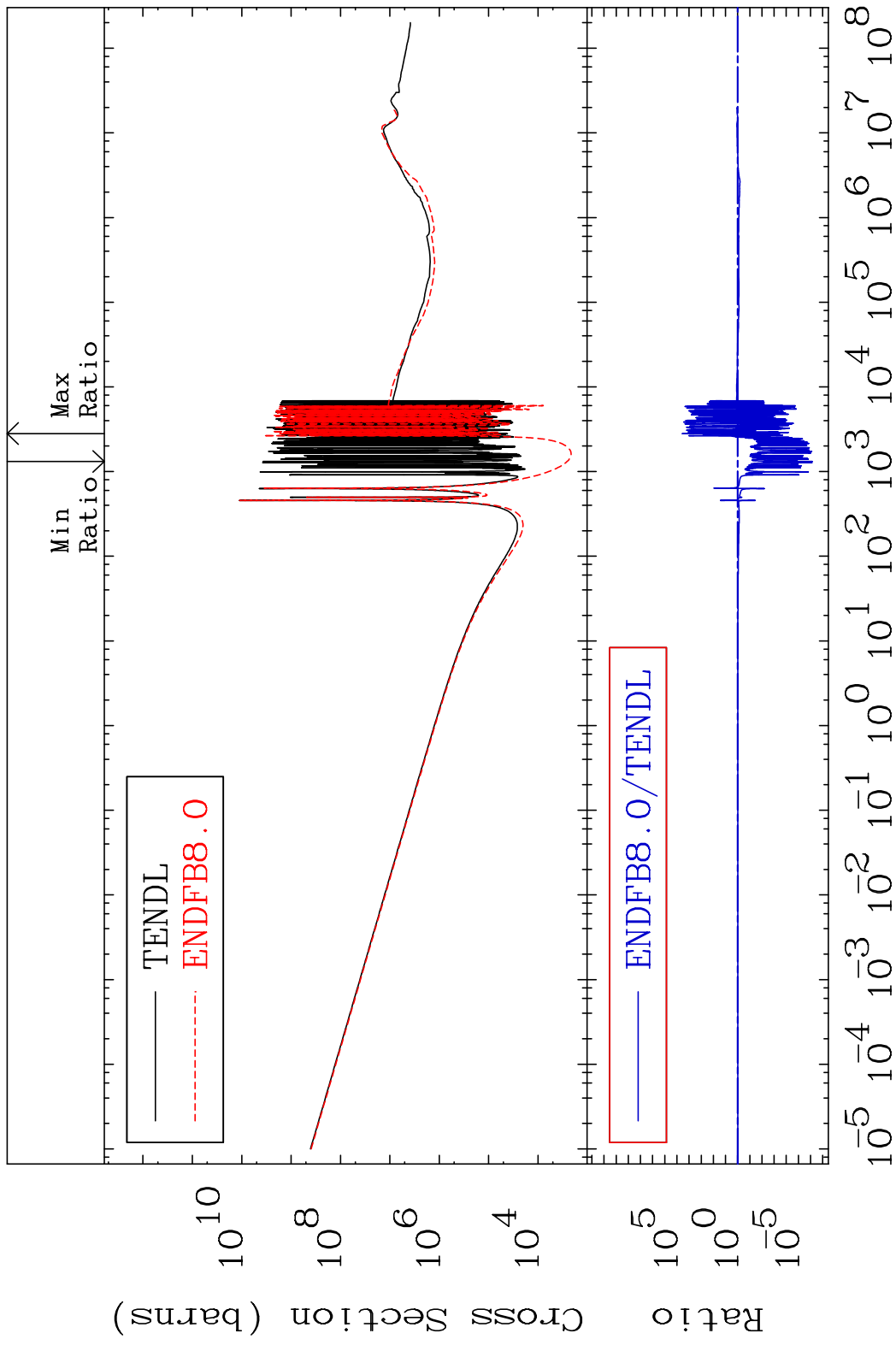


MAT 4825 Dpa disappearance (mt102 -120) 48-Cd-106
 Cross Section -100.0 To 9999. %

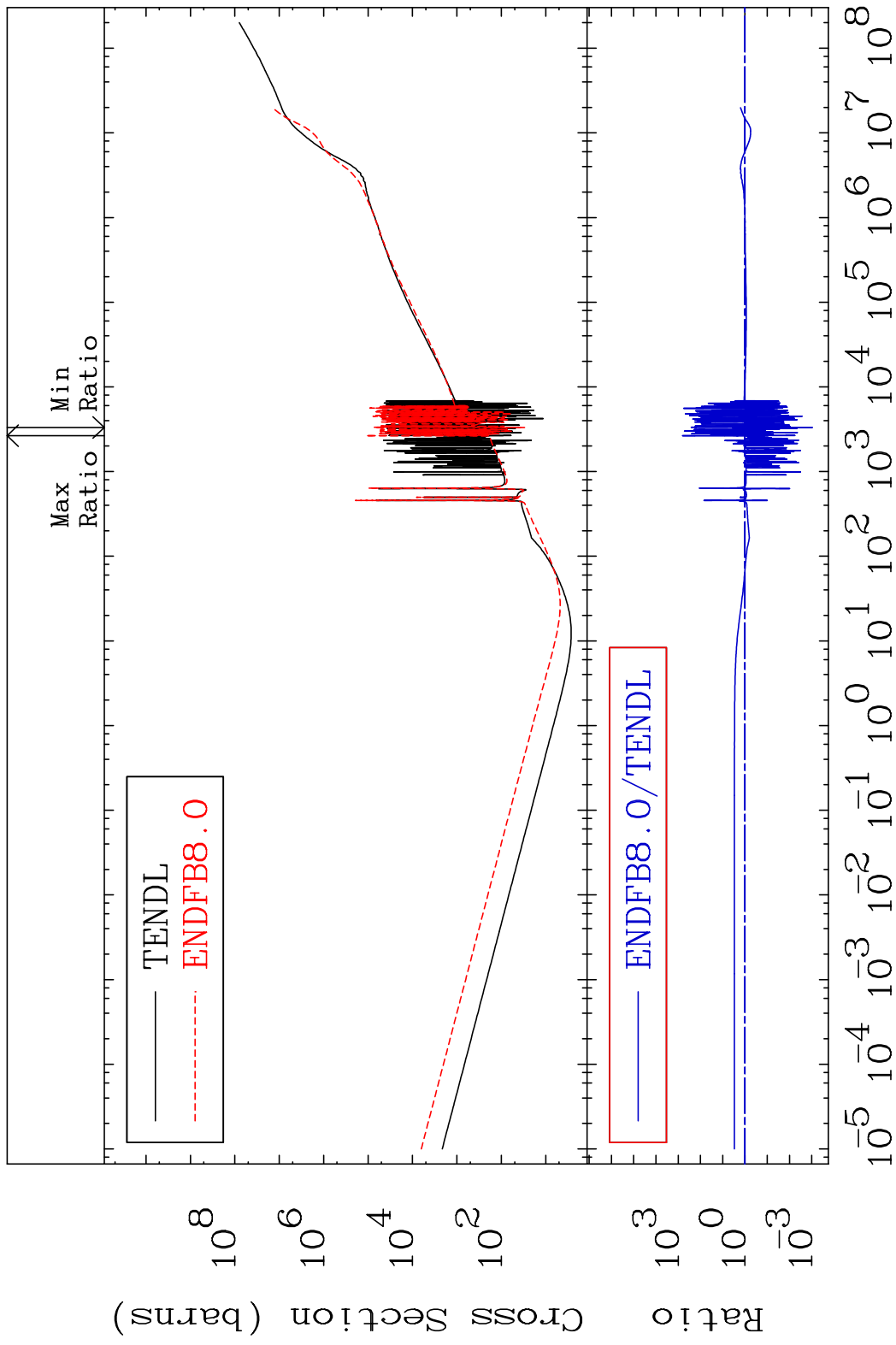




MAT 4825 Total photon (eV-barns) 48-Cd-106
 Cross Section -100.0 To 9999. %

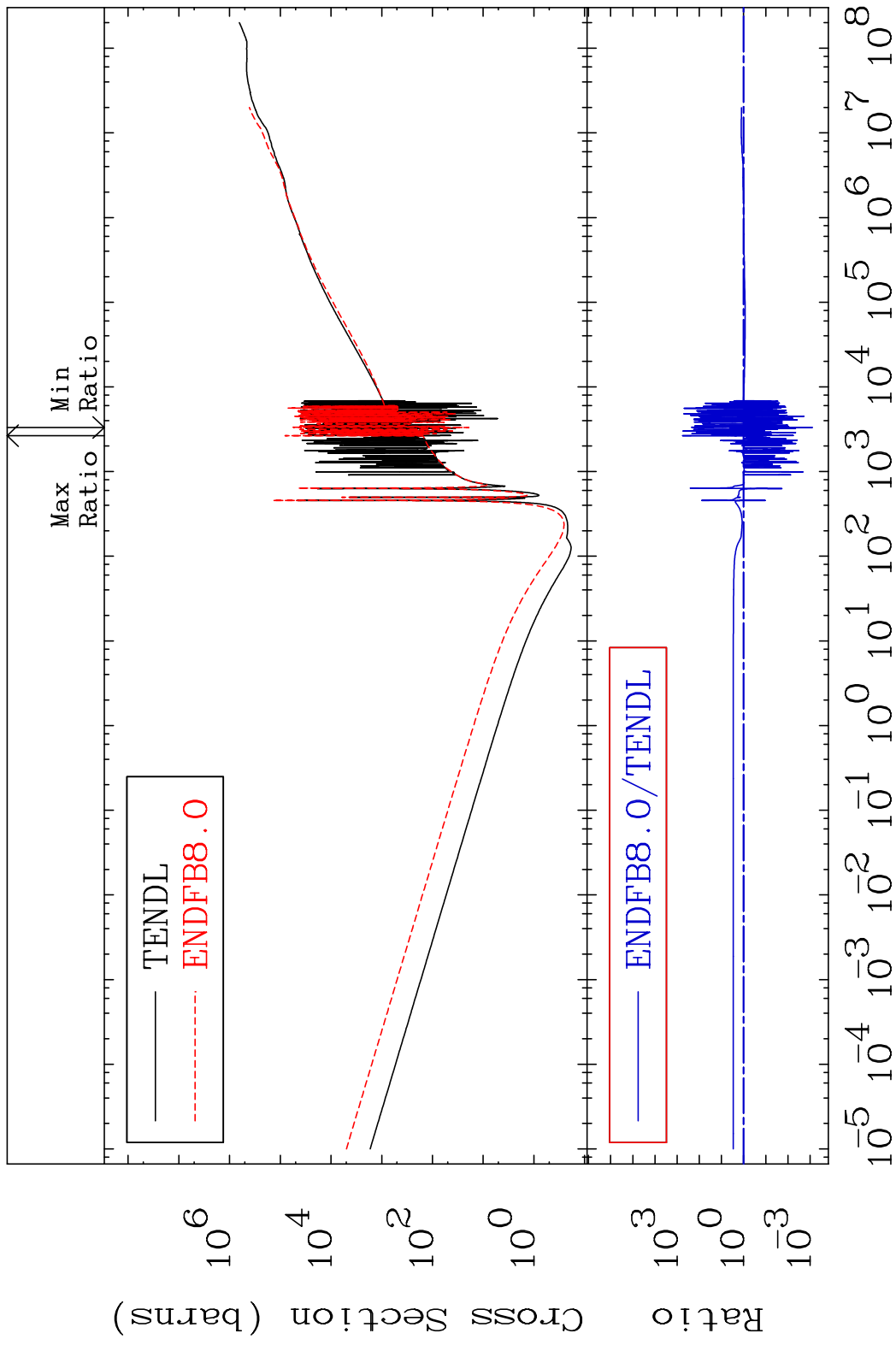


MAT 4825 Total kinematic kerma (high limit) 48-Cd-106
Cross Section -99.91 To 9999. %



40 Incident Energy (eV) 48-Cd-106

MAT 4825 Dpa total (eV-barns) 48-Cd-106
 Cross Section -99.92 To 9999. %



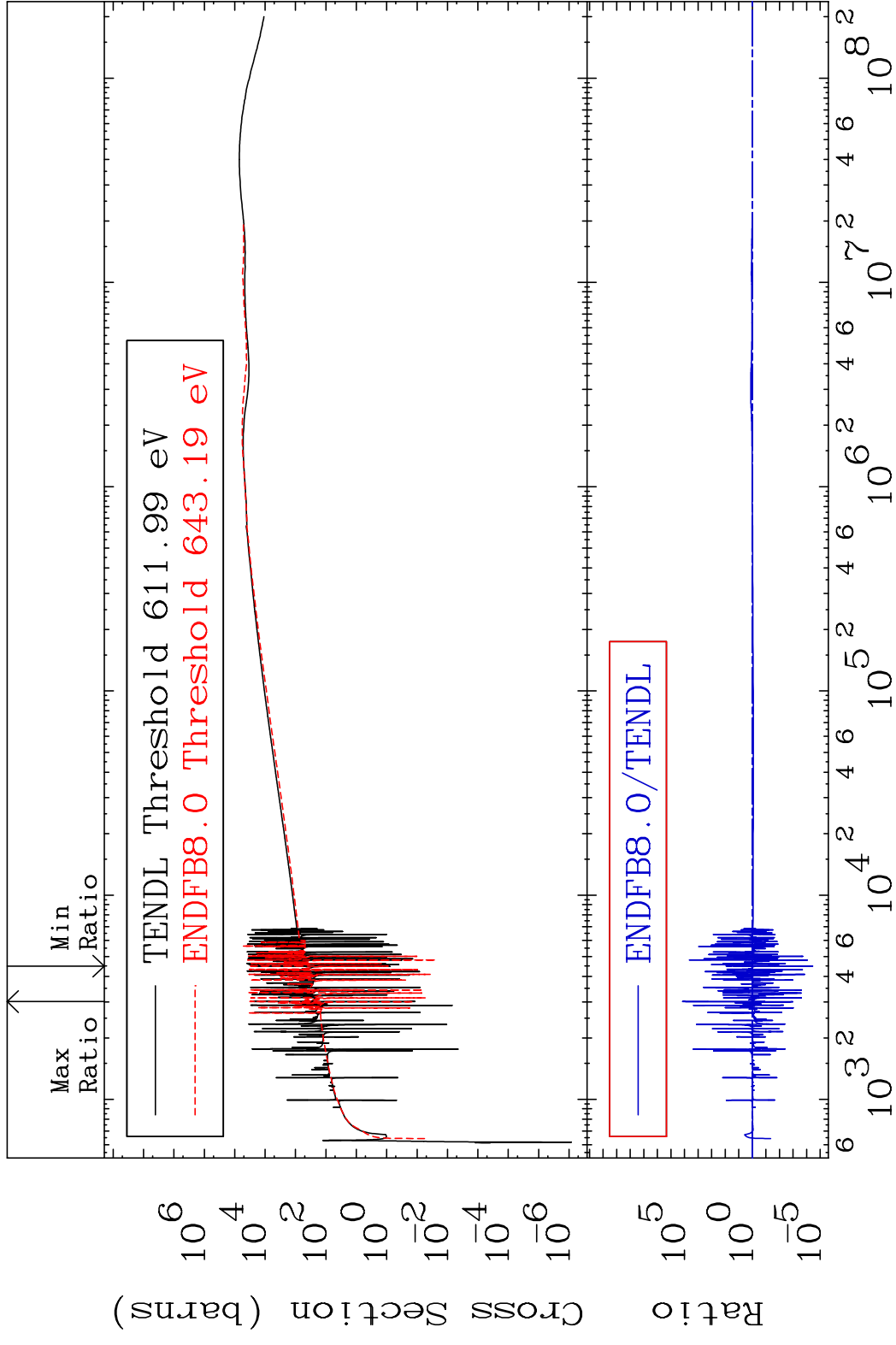
41 Incident Energy (eV) 48-Cd-106

MAT 4825

Dpa elastic (mt2)

48-Cd-106

Cross Section -100.0 To 9999. %

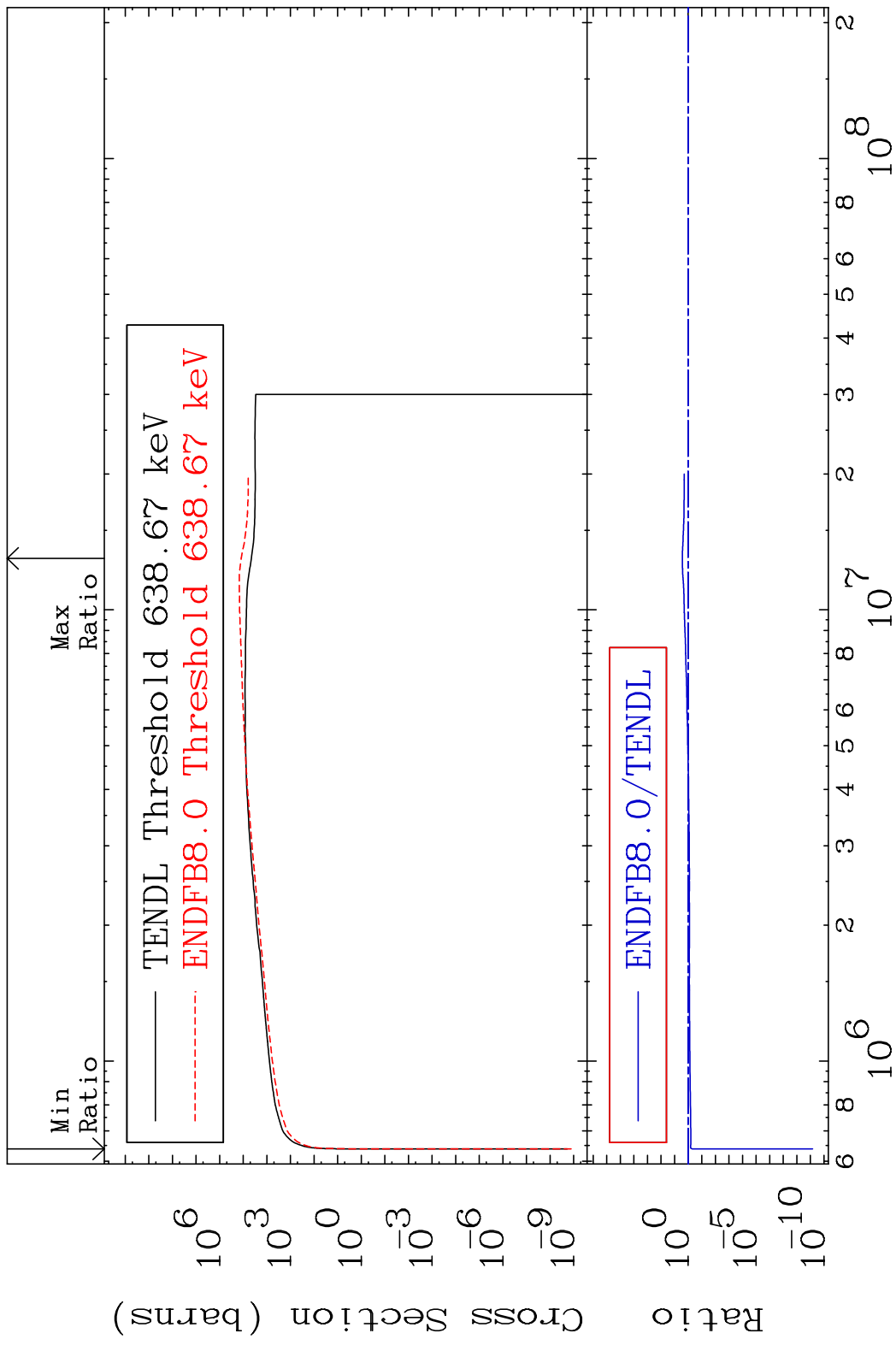


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Incident Energy (eV)

48-Cd-106

MAT 4825 Dpa inelastic (mt51-91) 48-Cd-106
 Cross Section -100.0 To 168.7 %



MAT 4825 Dpa disappearance (mt102 -120) 48-Cd-106
 Cross Section -100.0 To 9999. %

