

Program Complot
(Version 2021-1)

by

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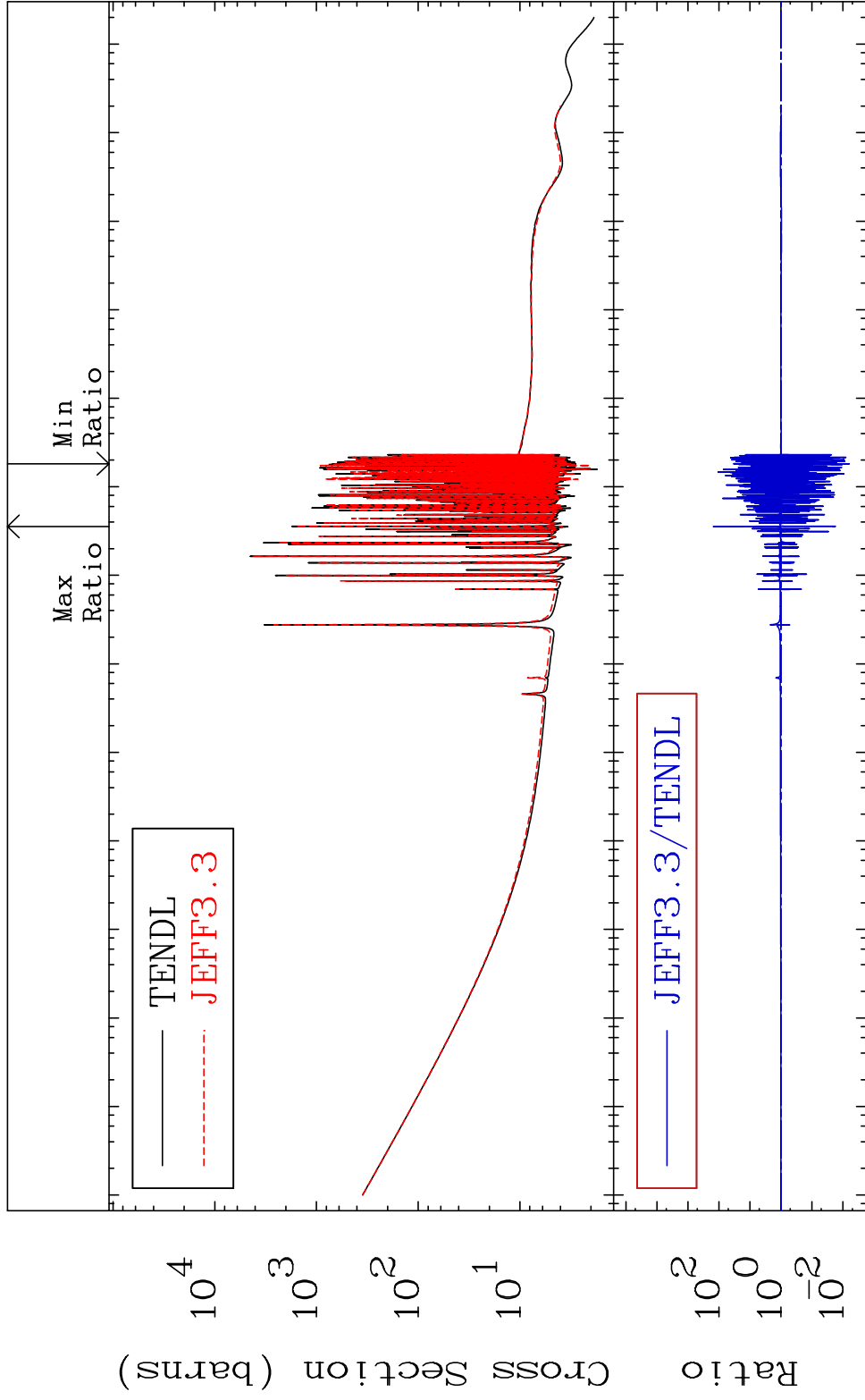
Press Mouse Button to Start

MAT 4840

48-Cd-111

Total

Cross Section -99.37 To 9999. %



1

Incident Energy (eV)

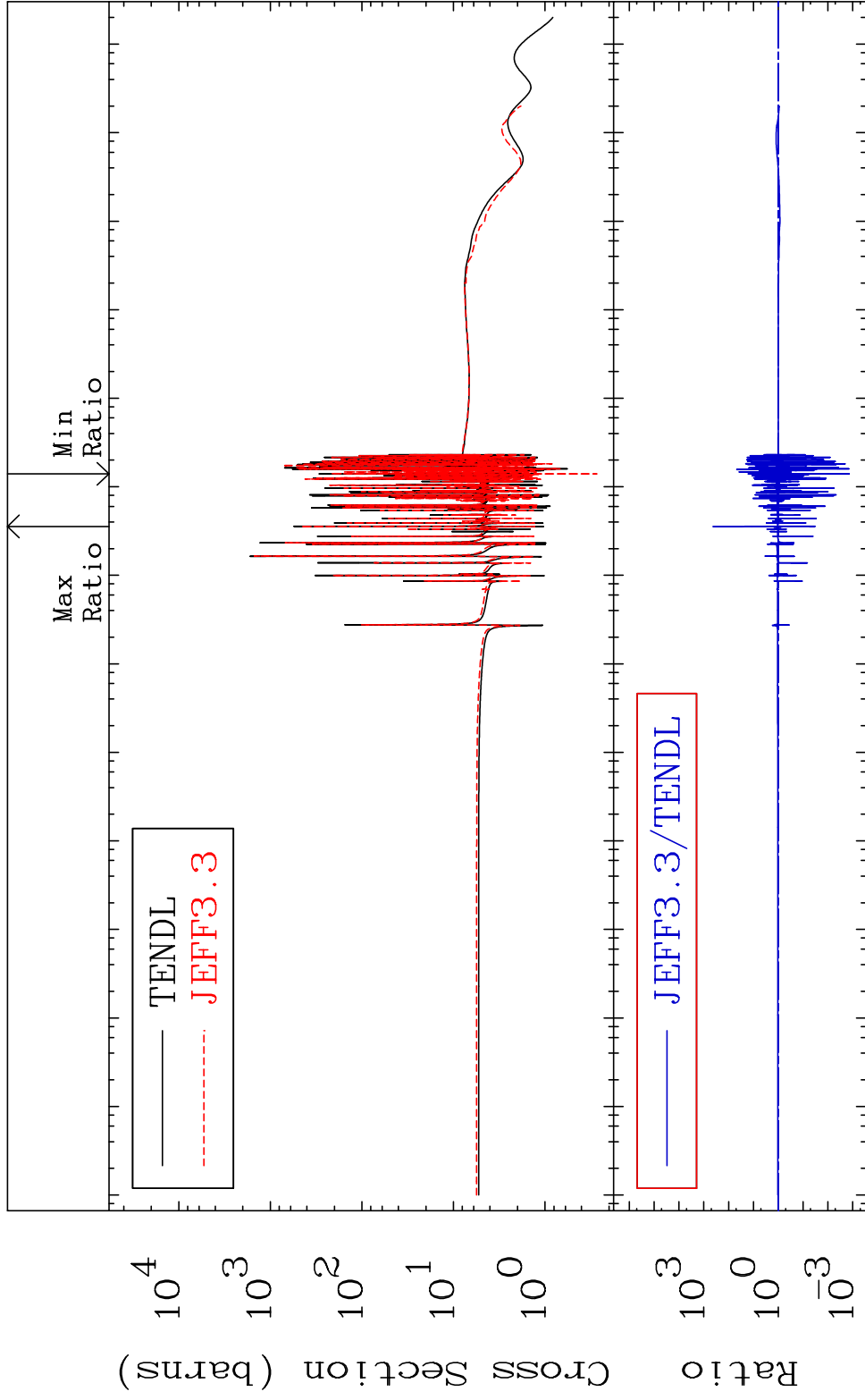
48-Cd-111

MAT 4840

Elastic

48-Cd-111

Cross Section -99.86 To 9999. %

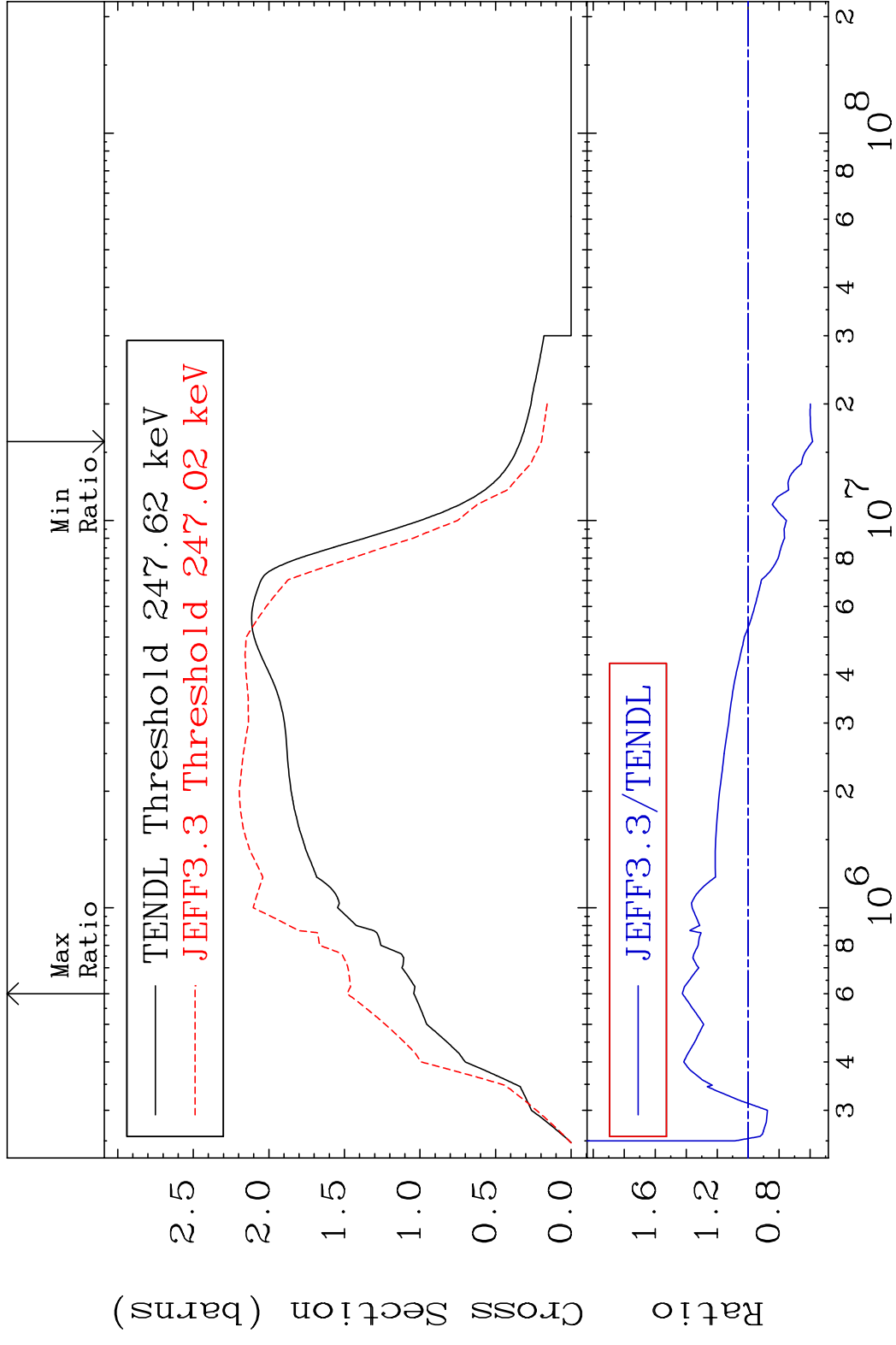


2

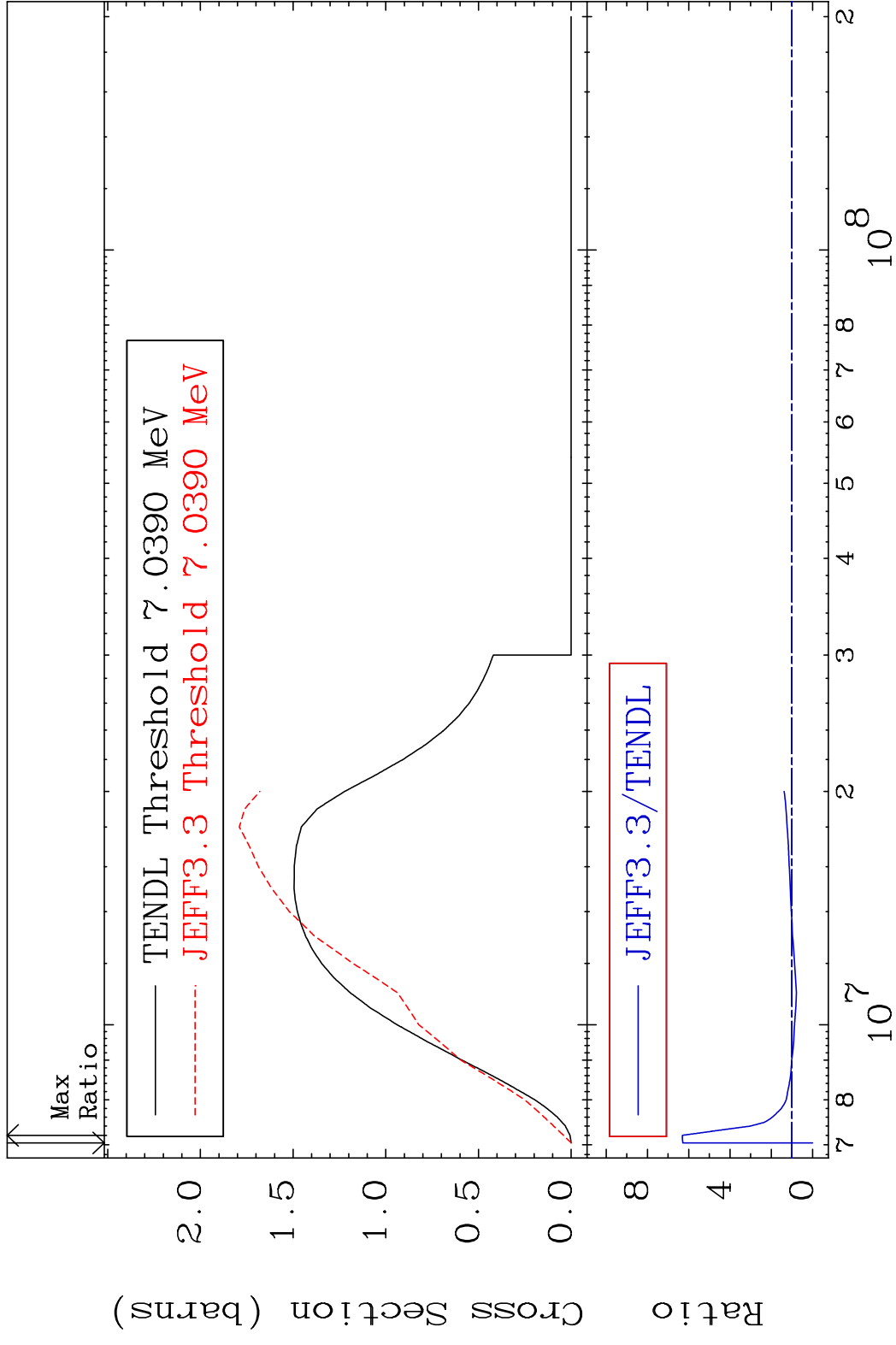
Incident Energy (eV)

48-Cd-111

MAT 4840 Inelastic 48-Cd-111
 Cross Section -41.61 To 42.49 %



MAT 4840 (n,2n) 48-Cd-111
 Cross Section -100.0 To 530.8 %



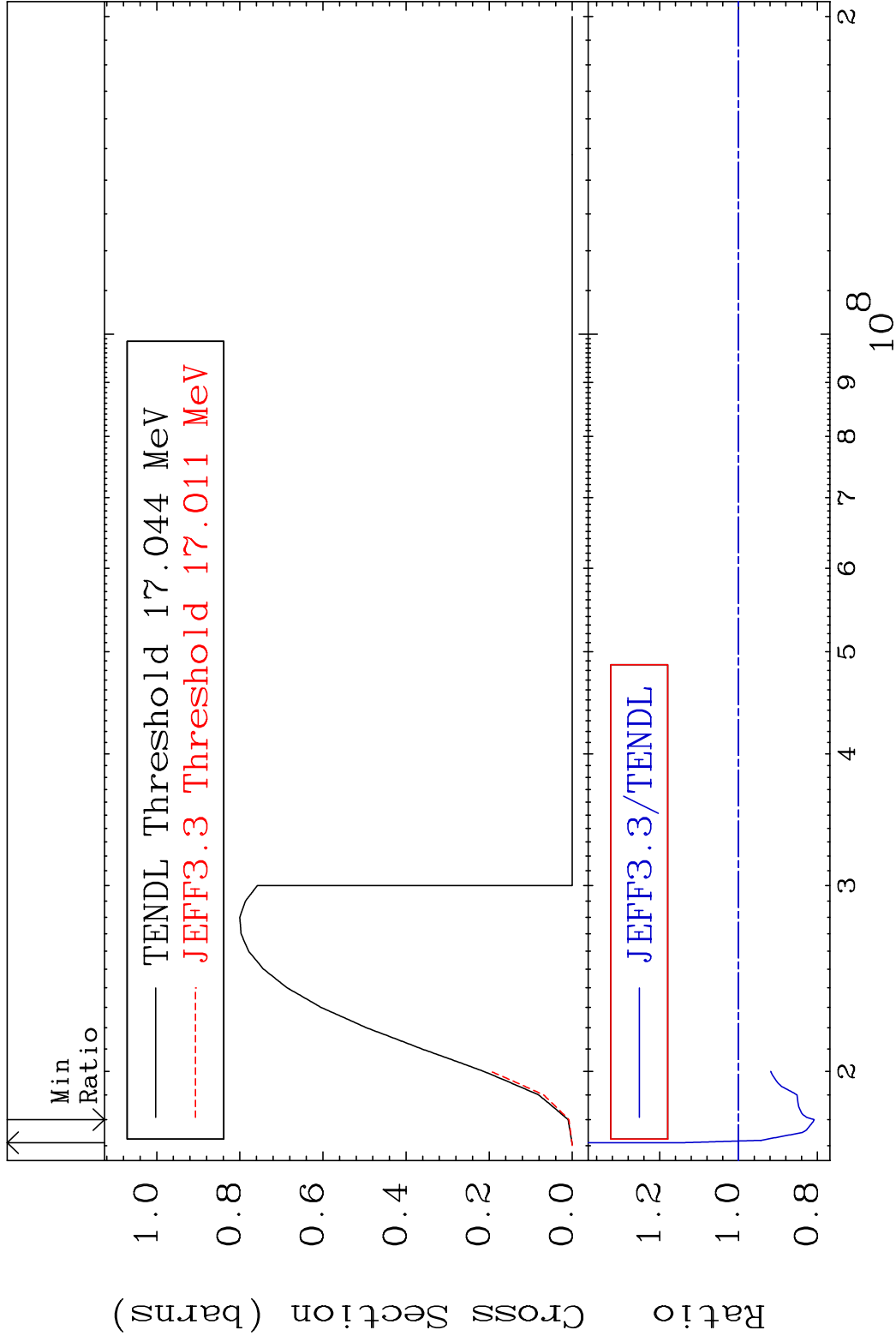
4 48-Cd-111

MAT 4840

(n,3n)

48-Cd-111

Cross Section -19.20 To 13.91 %

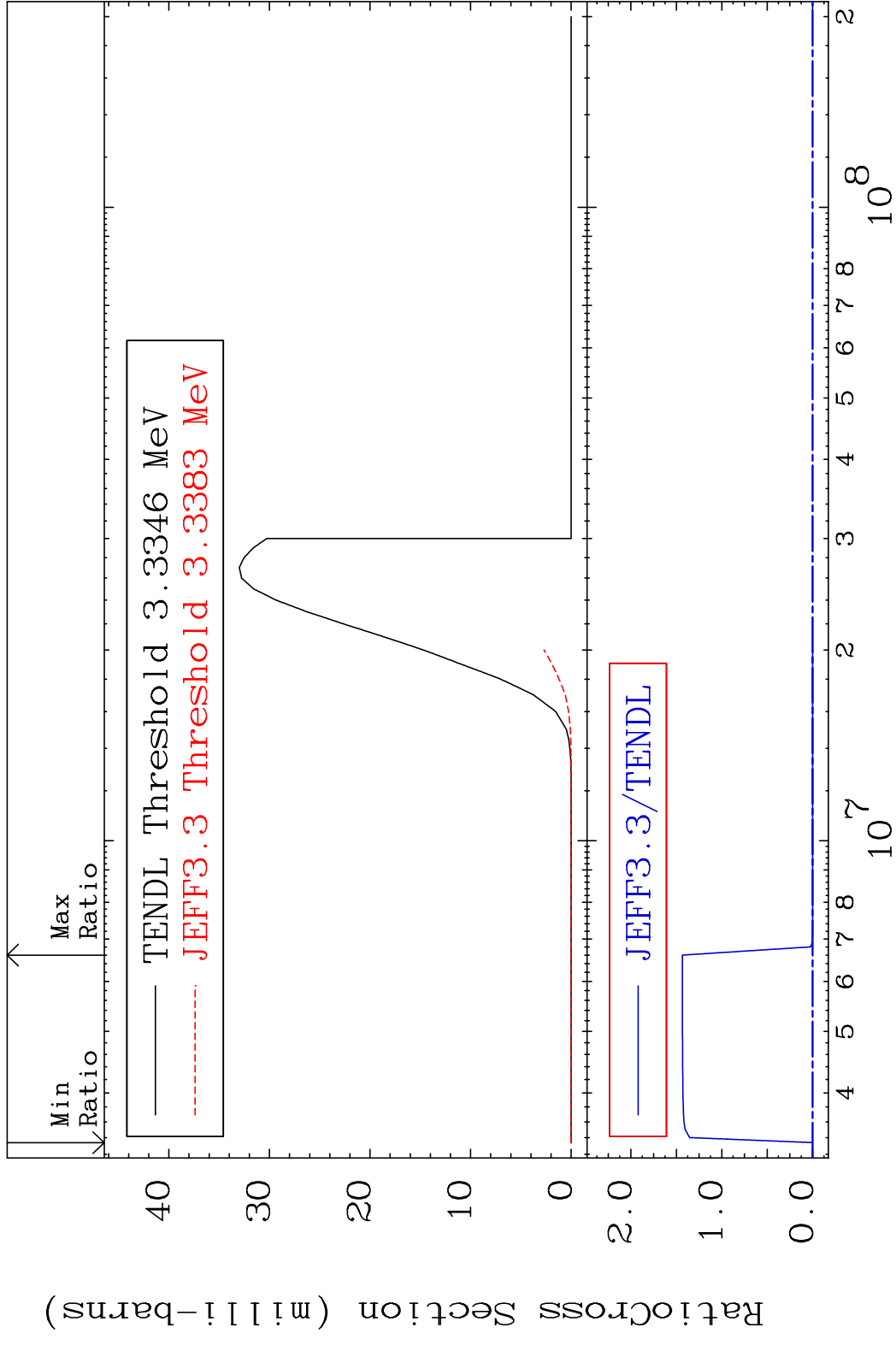


5

Incident Energy (eV)

48-Cd-111

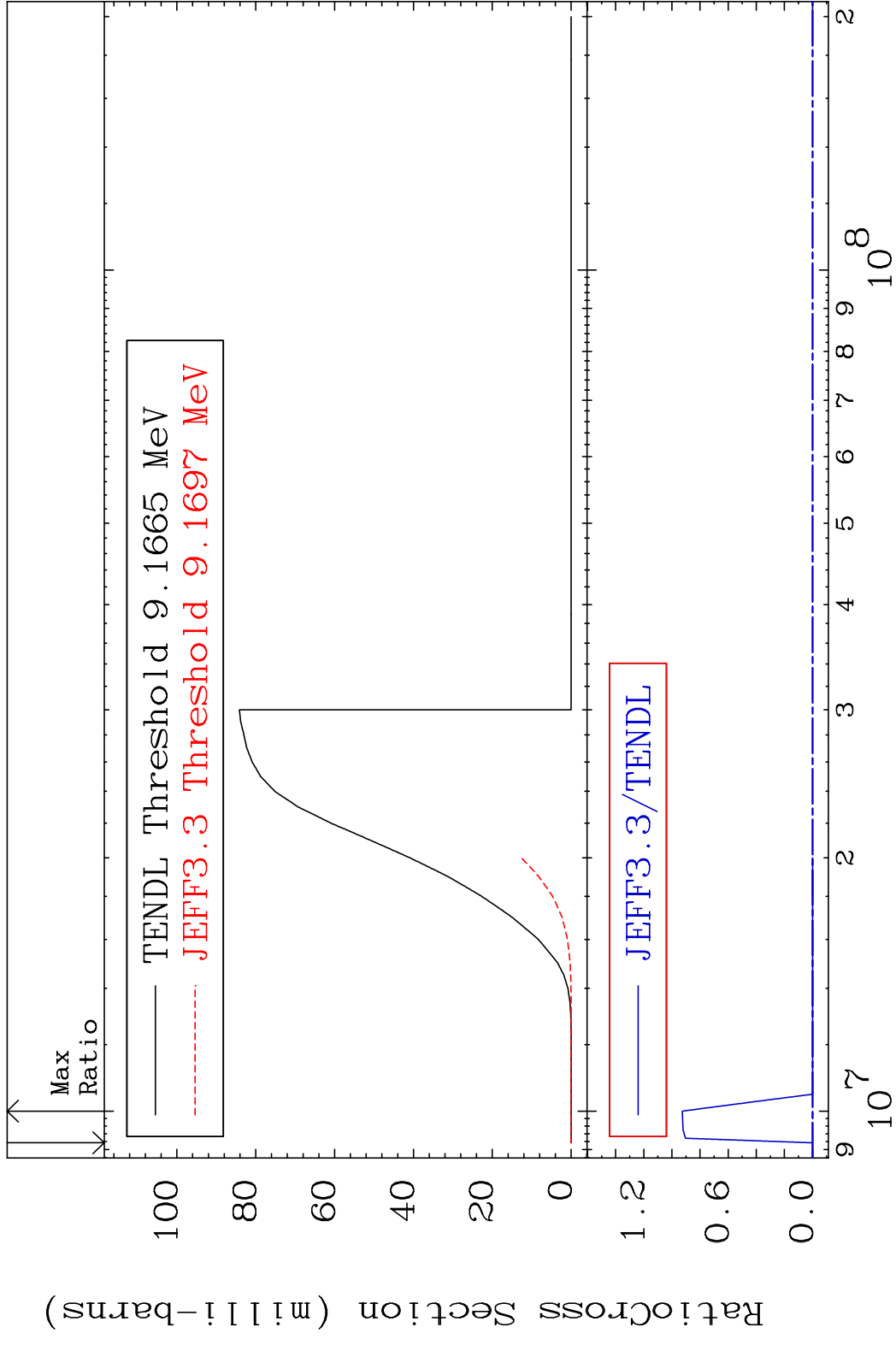
MAT 4840 (n, n') α 48-Cd-111
 Cross Section -100.0 To 9999. %



MAT 4840

(n, n') p 48-Cd-111

Cross Section -100.0 To 9999. %



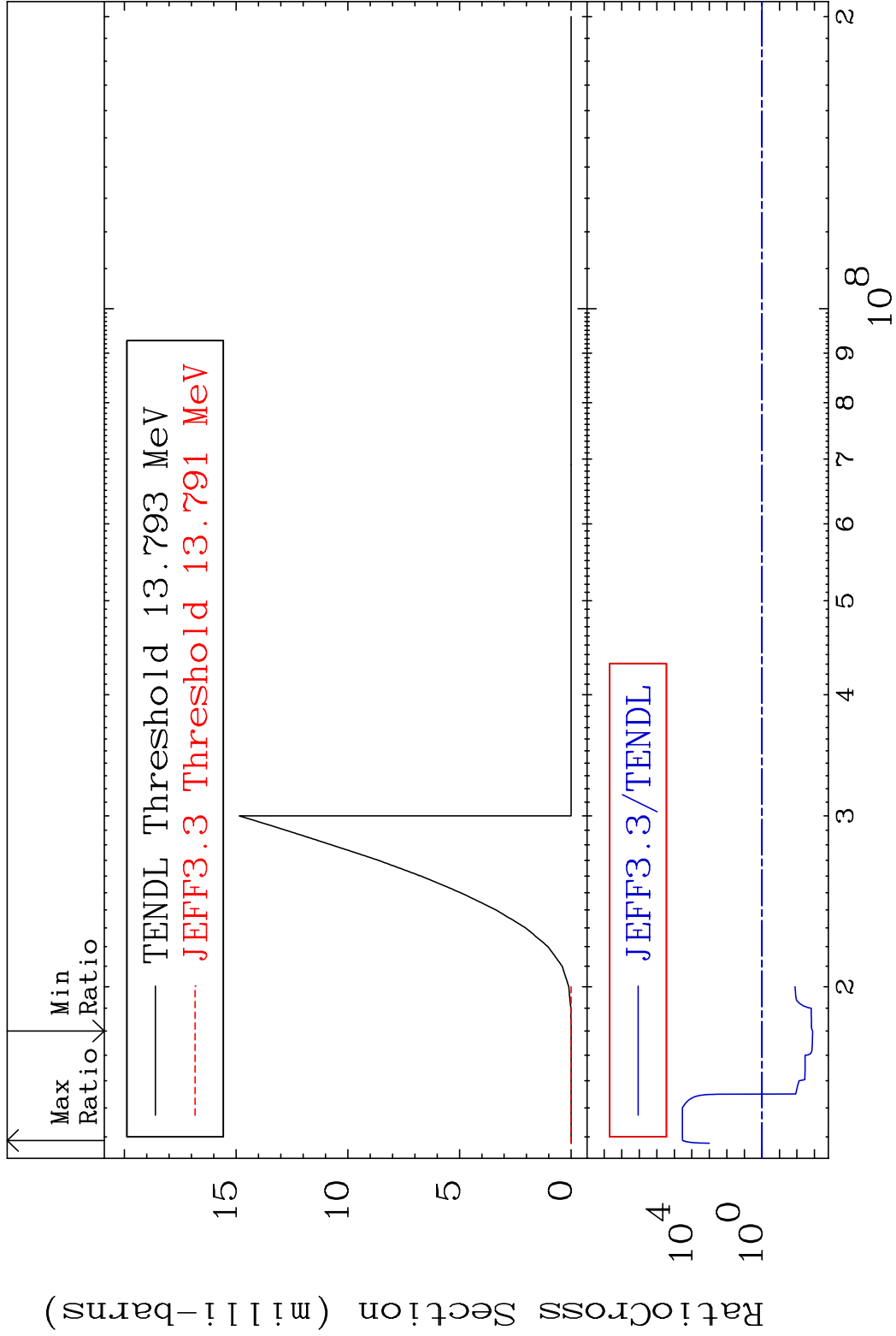
7 Incident Energy (eV) 48-Cd-111

MAT 4840

(n, n') d

48-Cd-111

Cross Section -99.87 To 9999. %

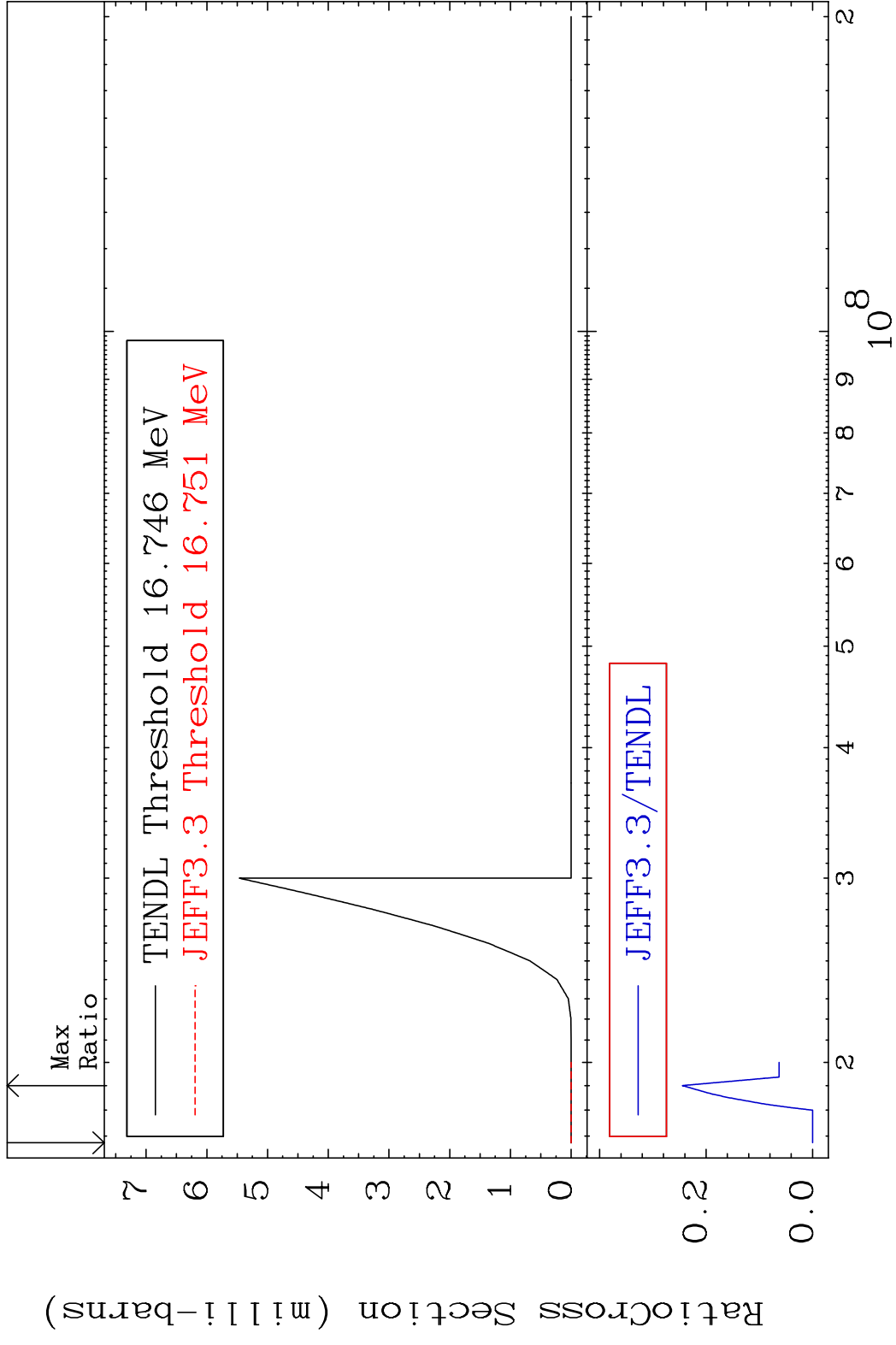


8

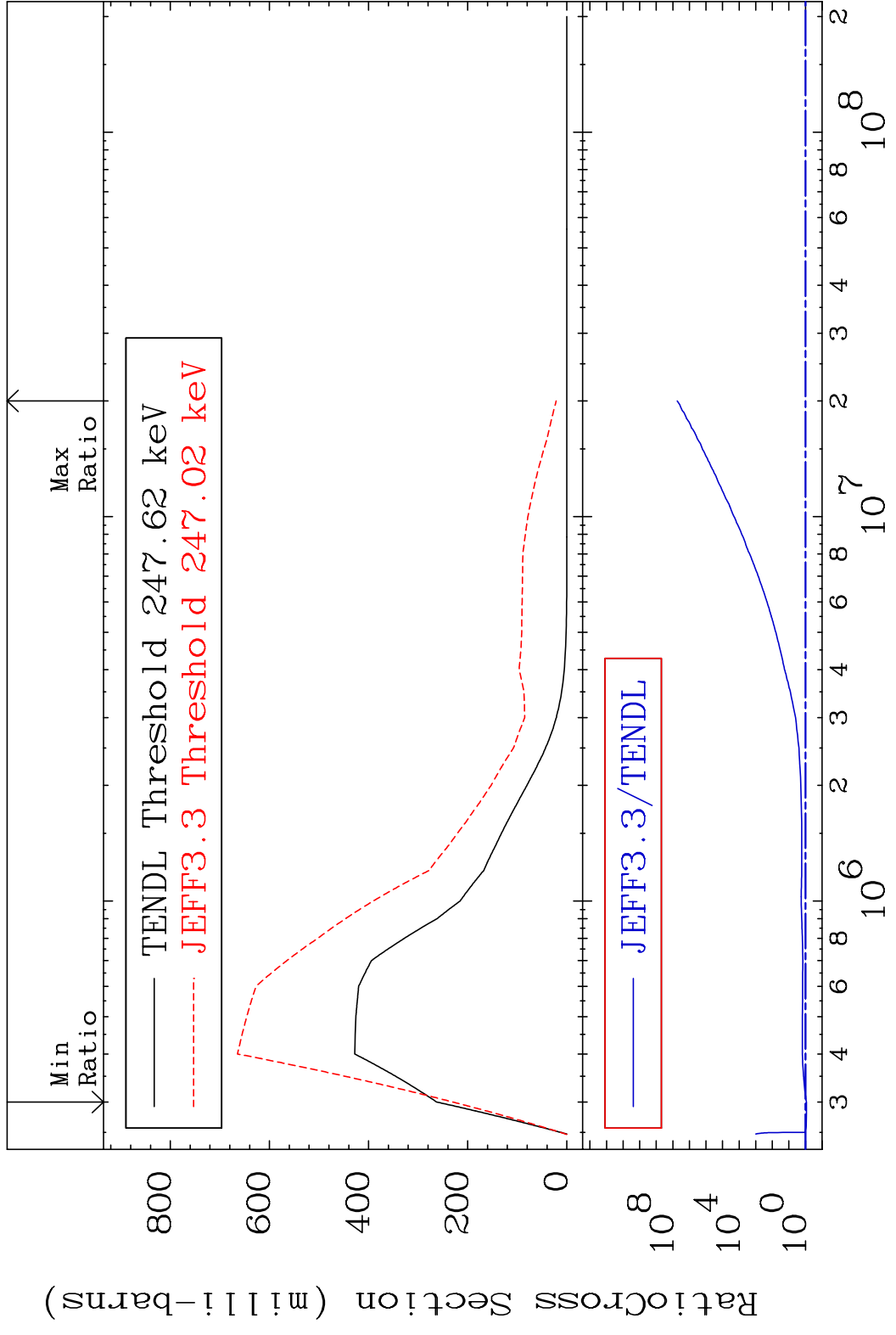
Incident Energy (eV)

48-Cd-111

MAT 4840 (n, n') t 48-Cd-111
 Cross Section -100.0 To -75.54%

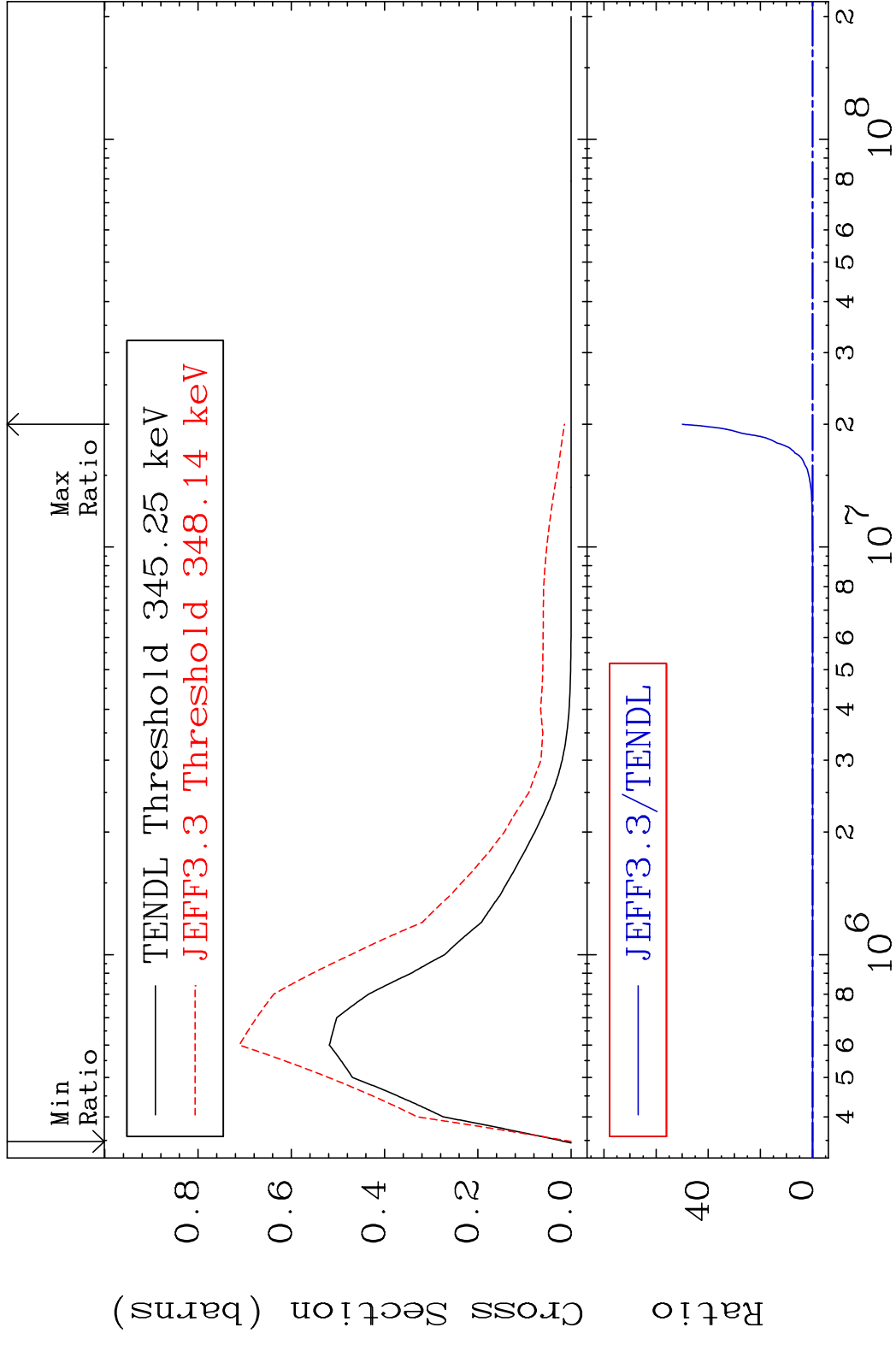


MAT 4840 MT= 51 (n, n') Level 48-Cd-111
 Cross Section -12.43 To 9999. %

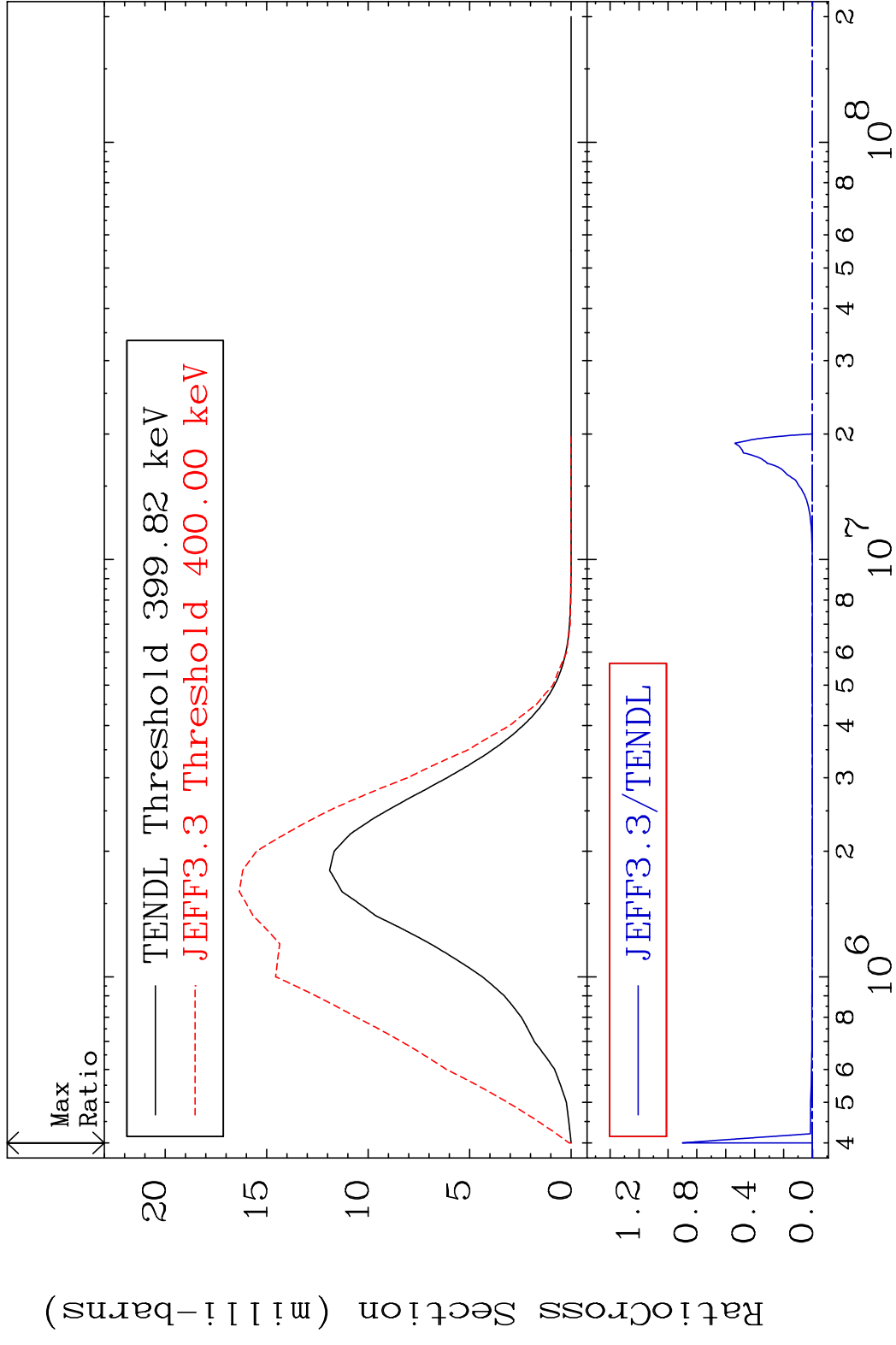


10 48-Cd-111

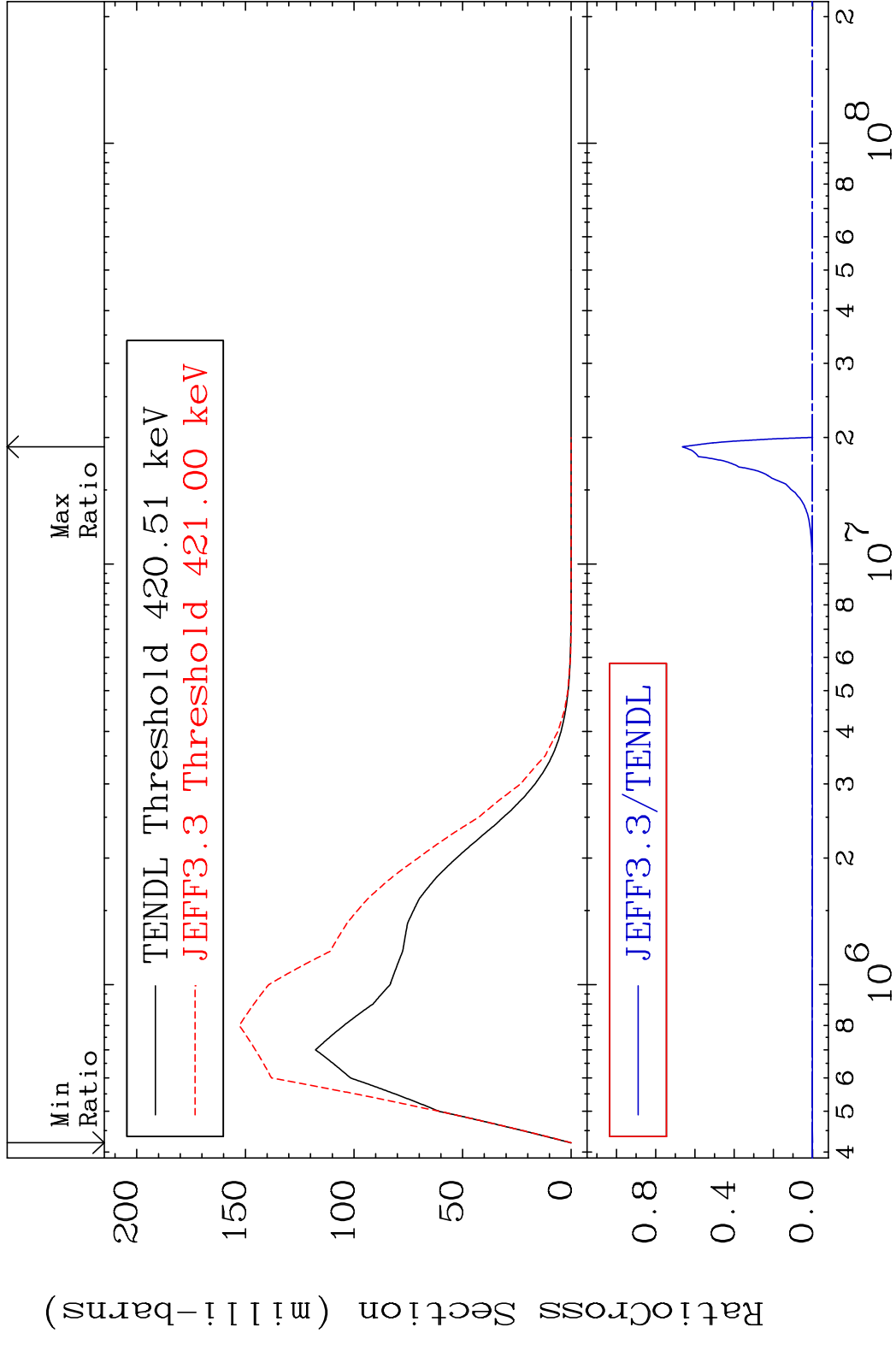
MAT 4840 MT= 52 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



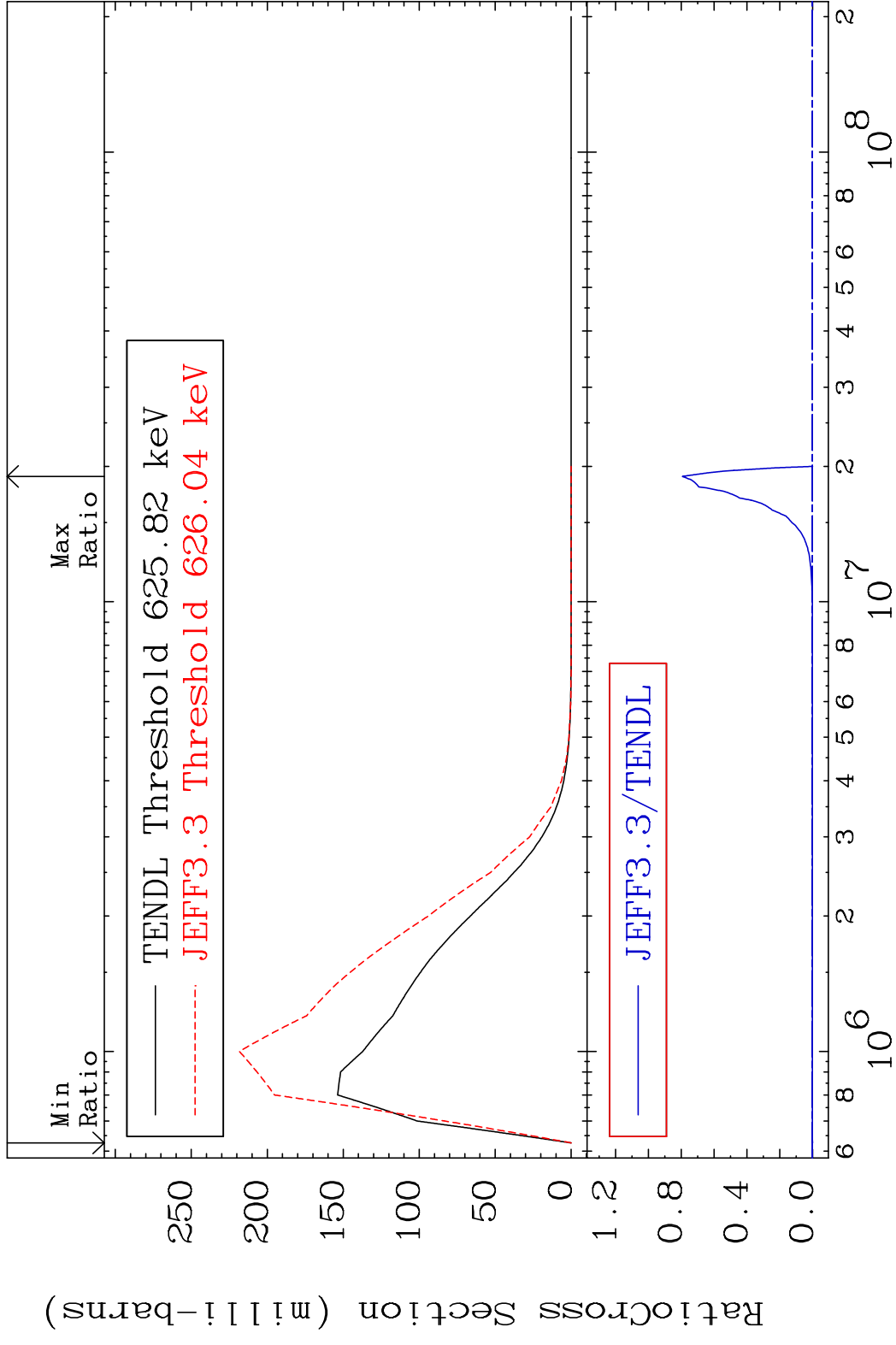
MAT 4840 MT= 53 (n,n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



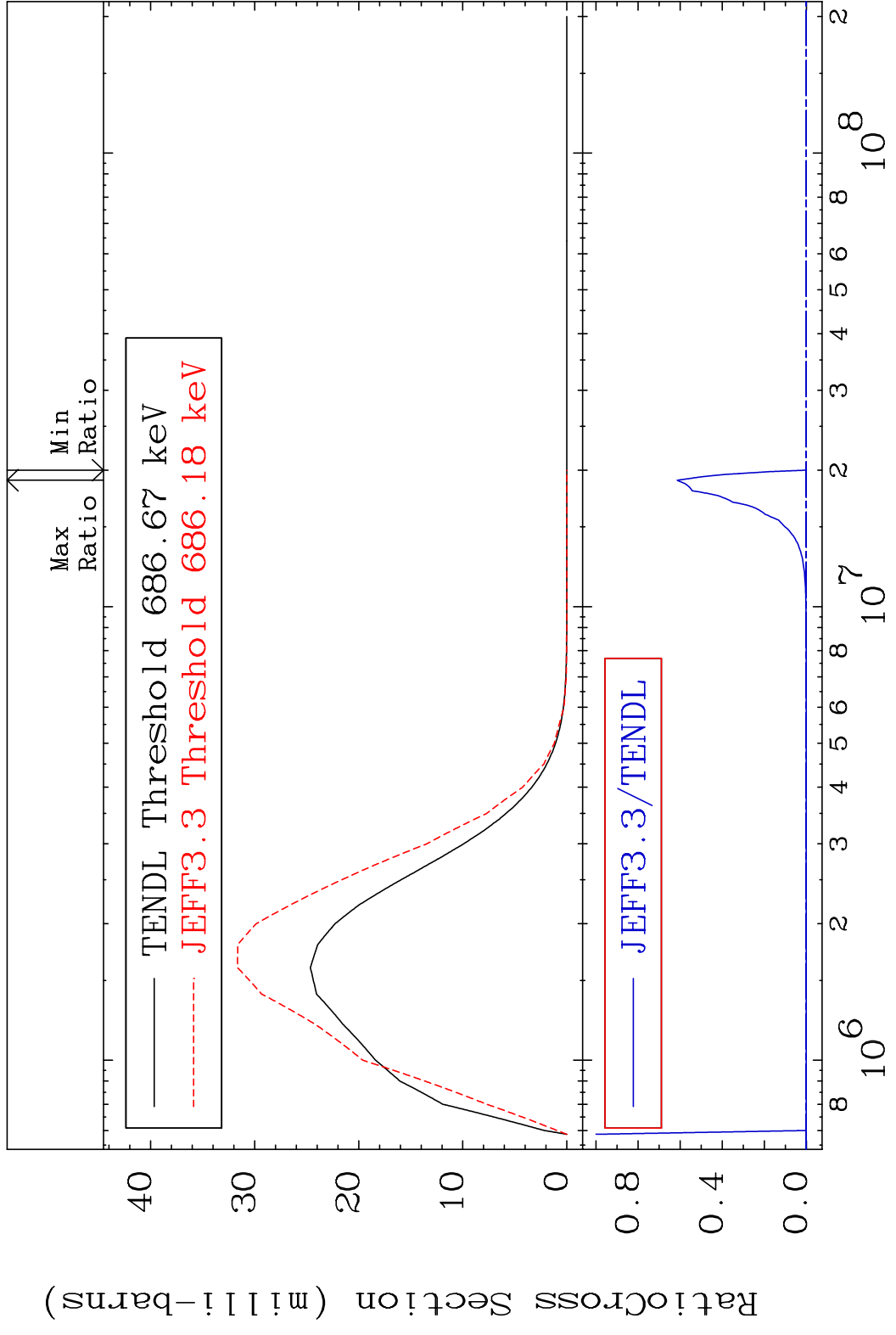
MAT 4840 MT= 54 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



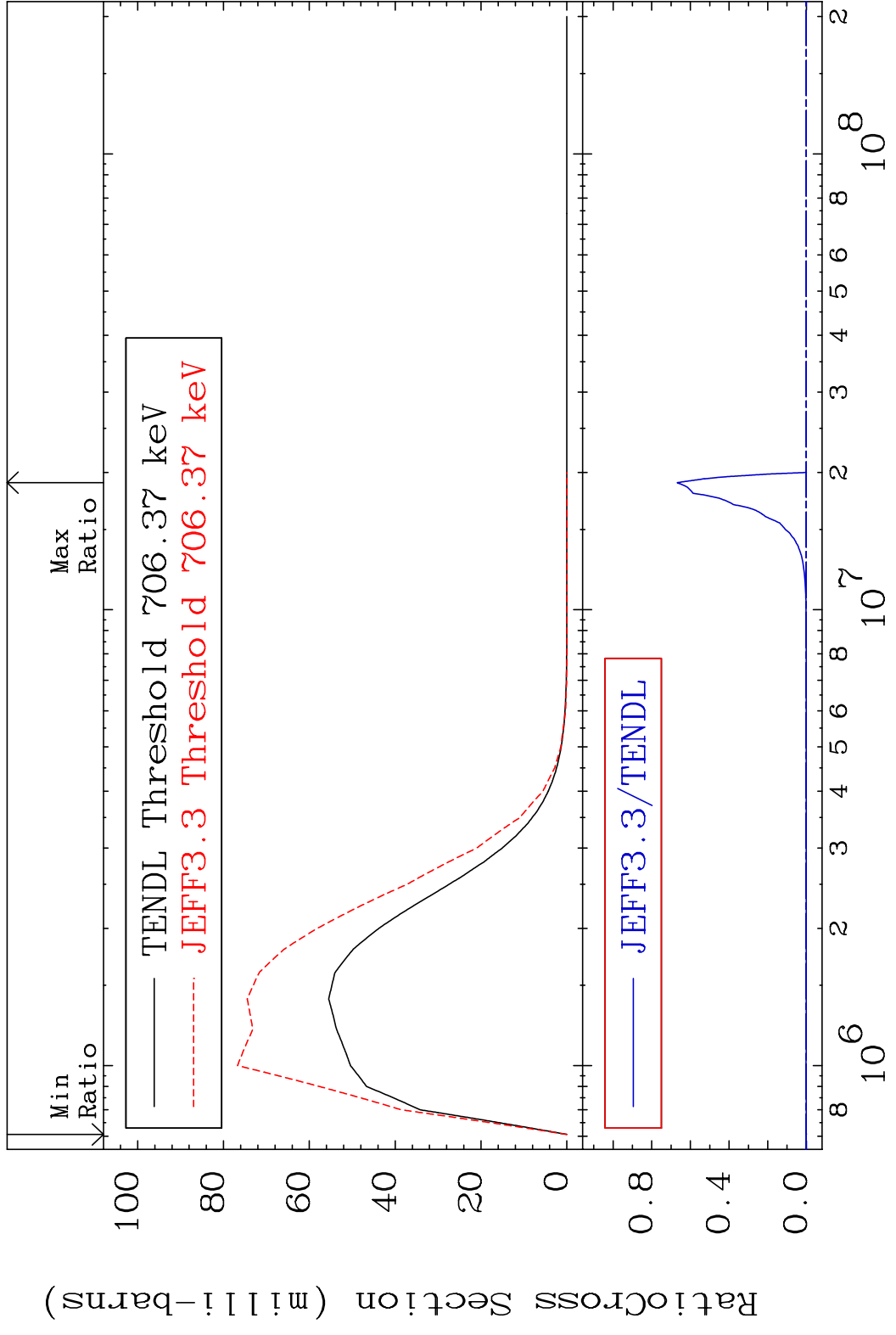
MAT 4840 MT= 55 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



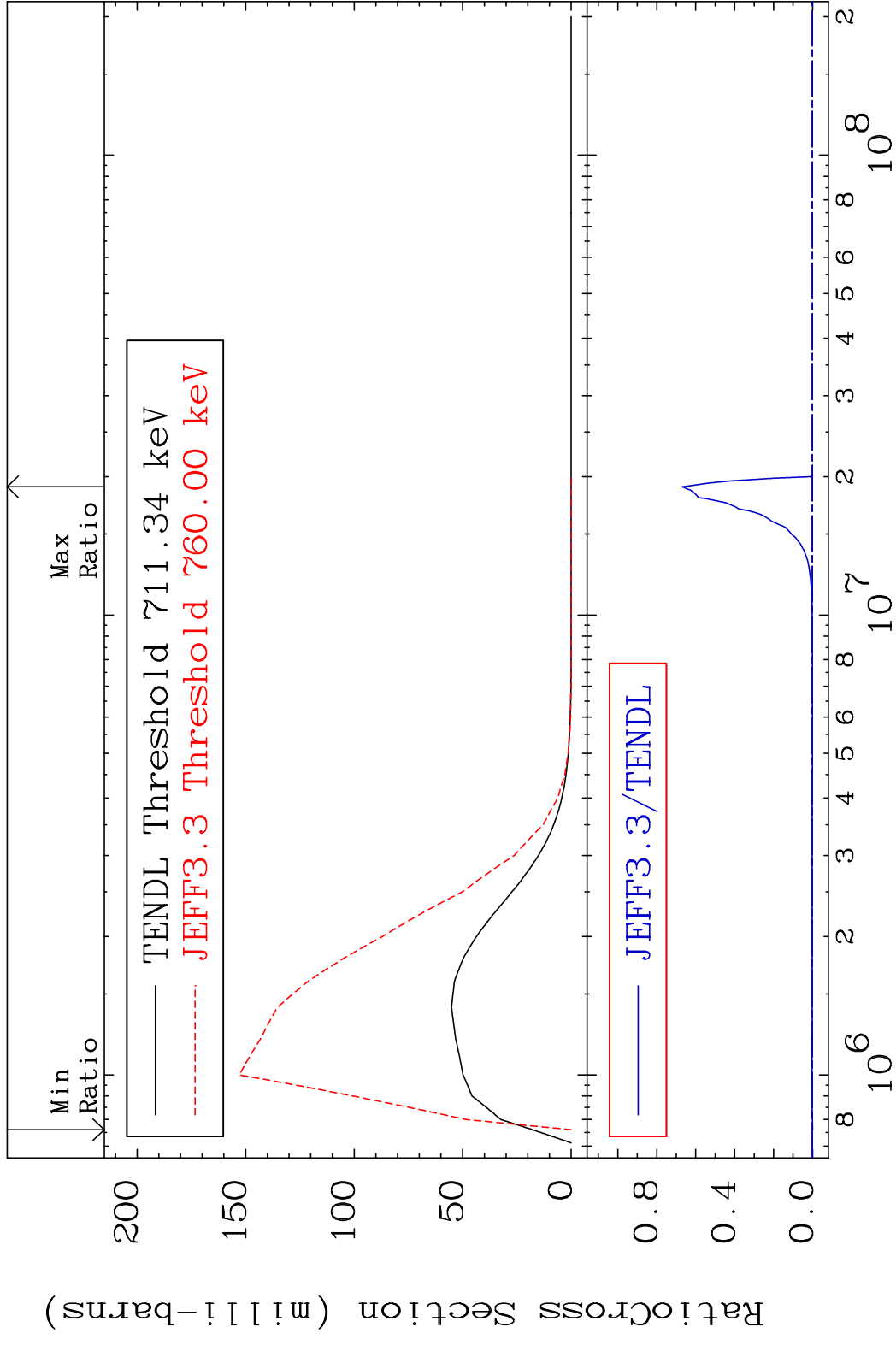
MAT 4840 MT= 56 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



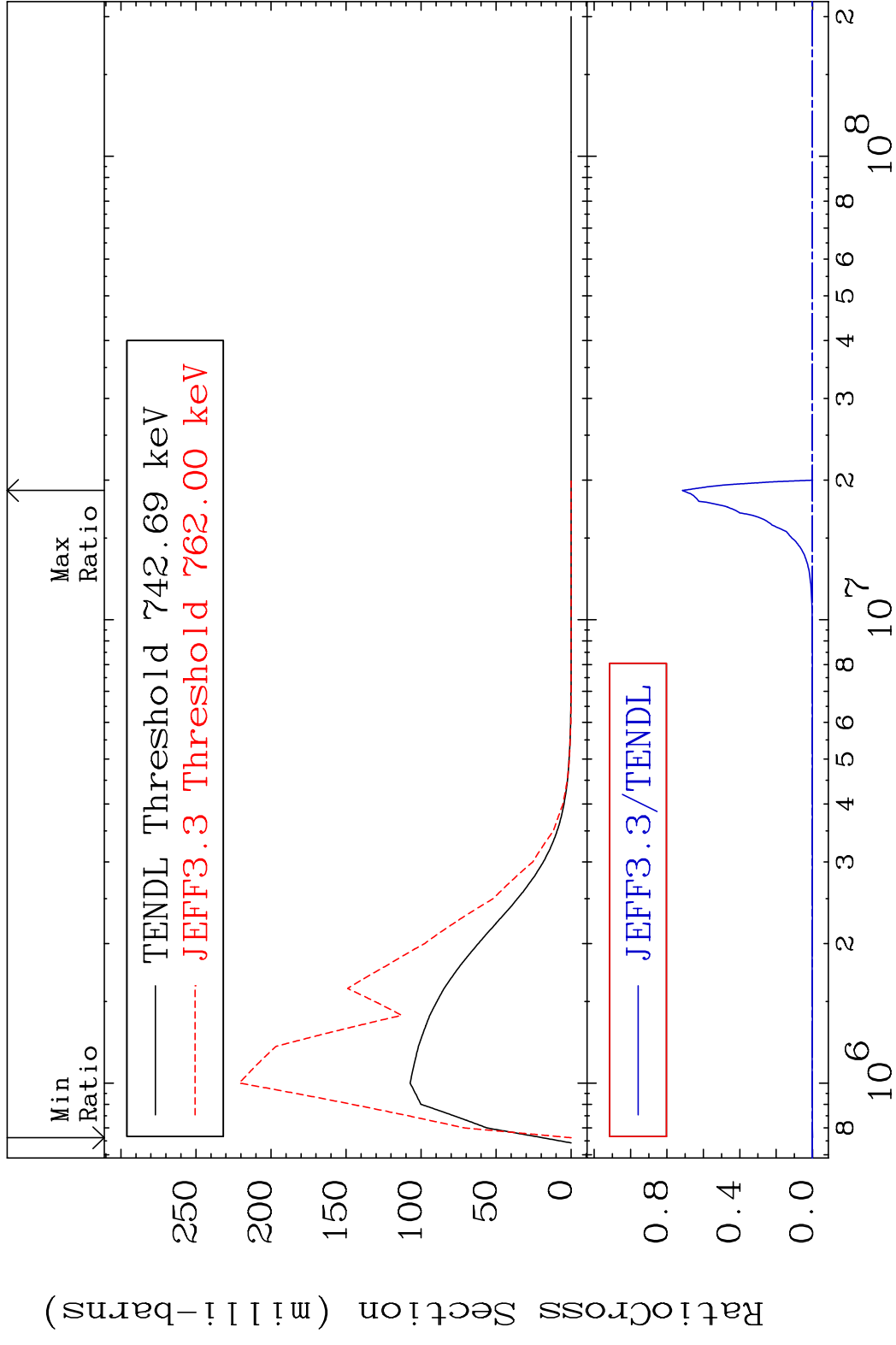
MAT 4840 MT= 57 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



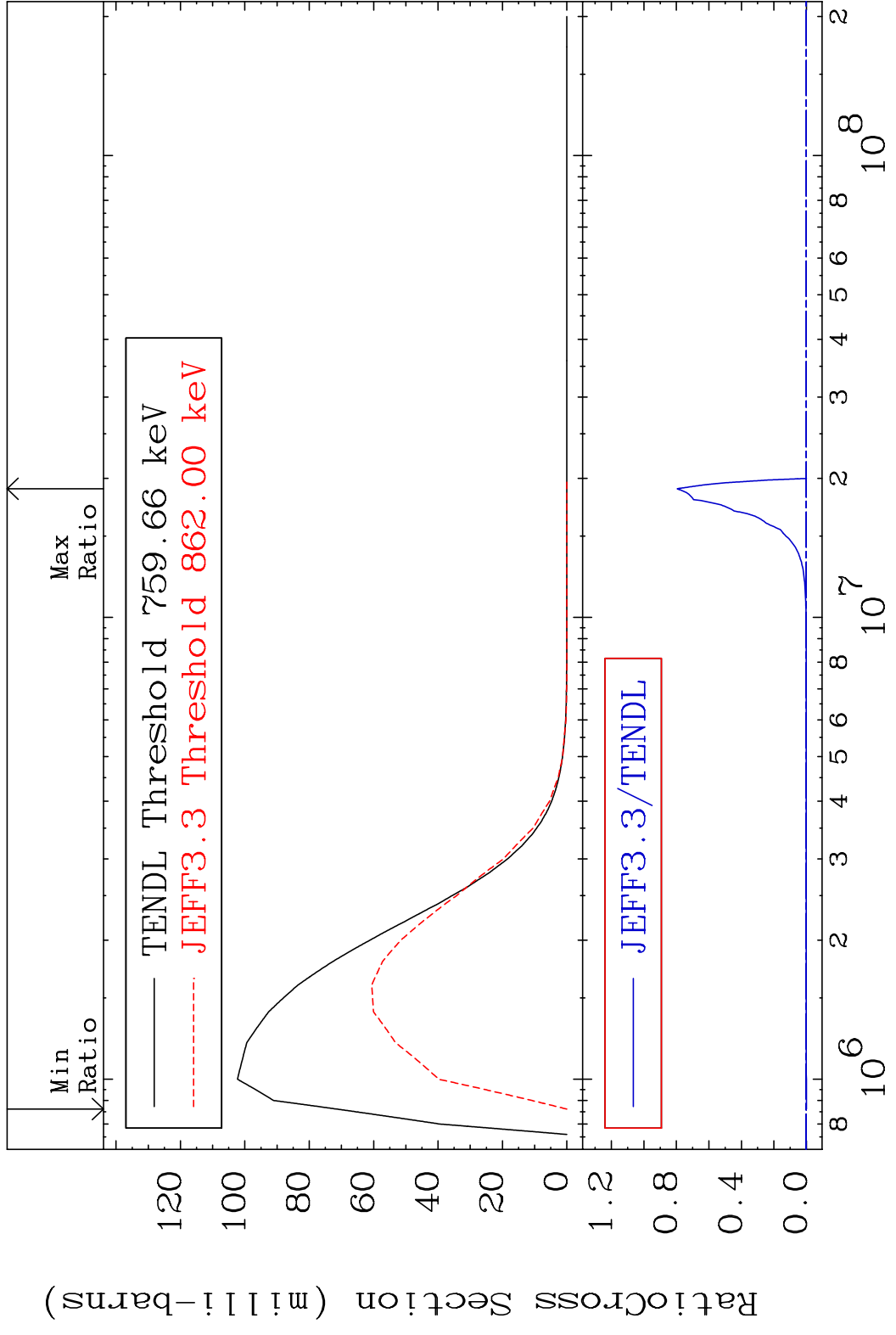
MAT 4840 MT= 58 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



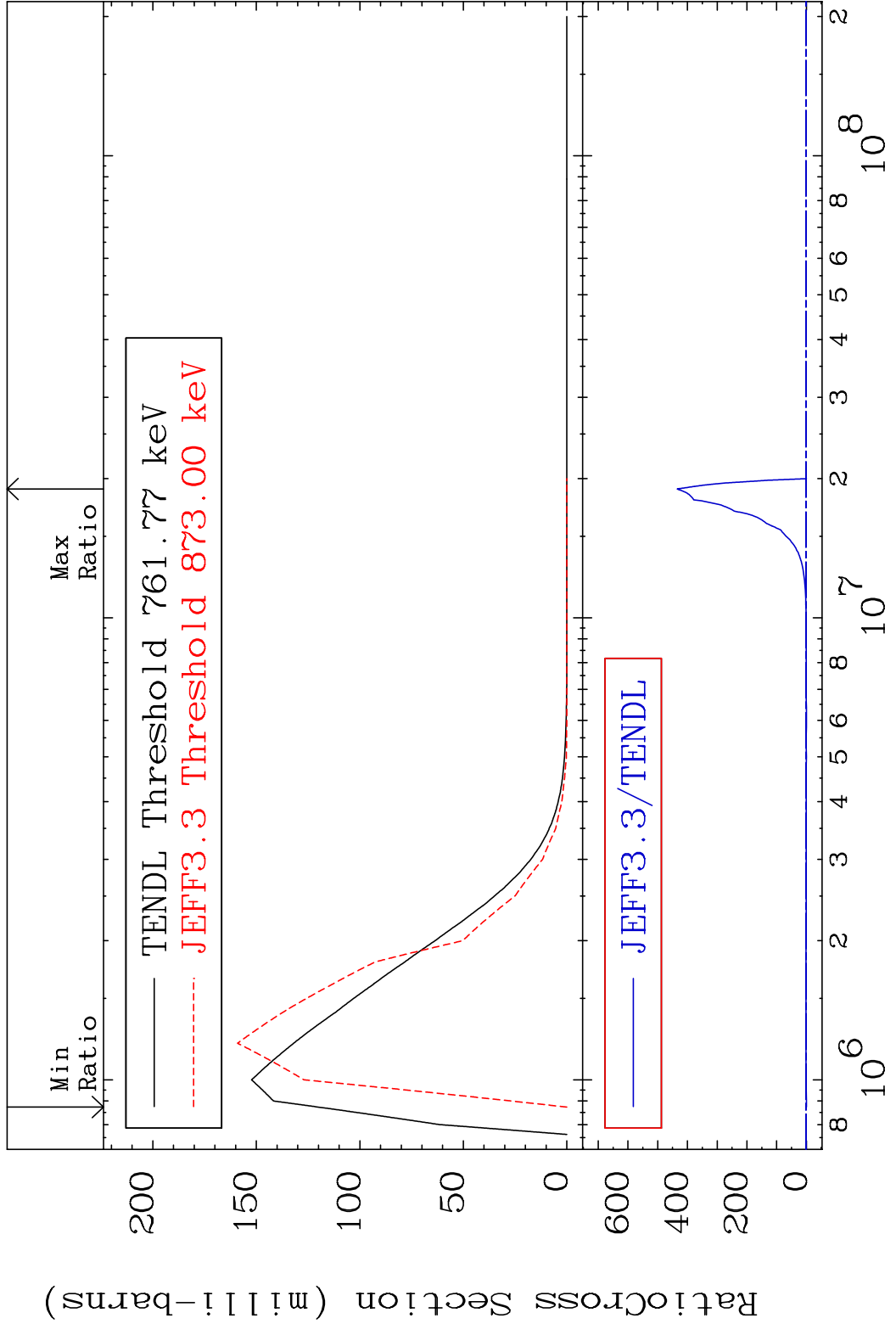
MAT 4840 MT= 59 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



MAT 4840 MT= 60 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %

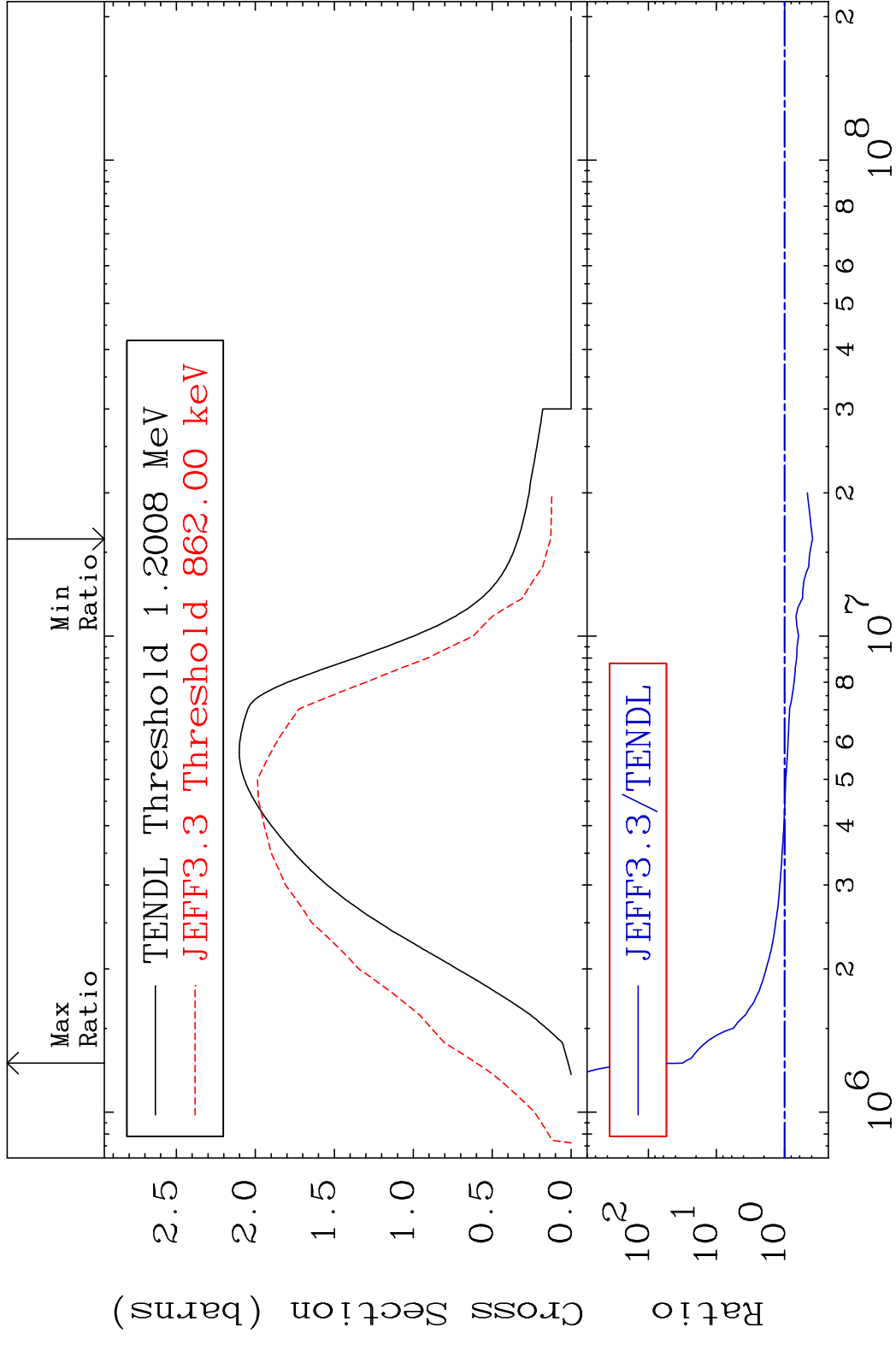


MAT 4840 MT= 61 (n, n') Level 48-Cd-111
 Cross Section -100.0 To 9999. %



20 Incident Energy (eV) 48-Cd-111

MAT 4840 (n,n') Continuum 48-Cd-111
 Cross Section -61.28 To 3070. %

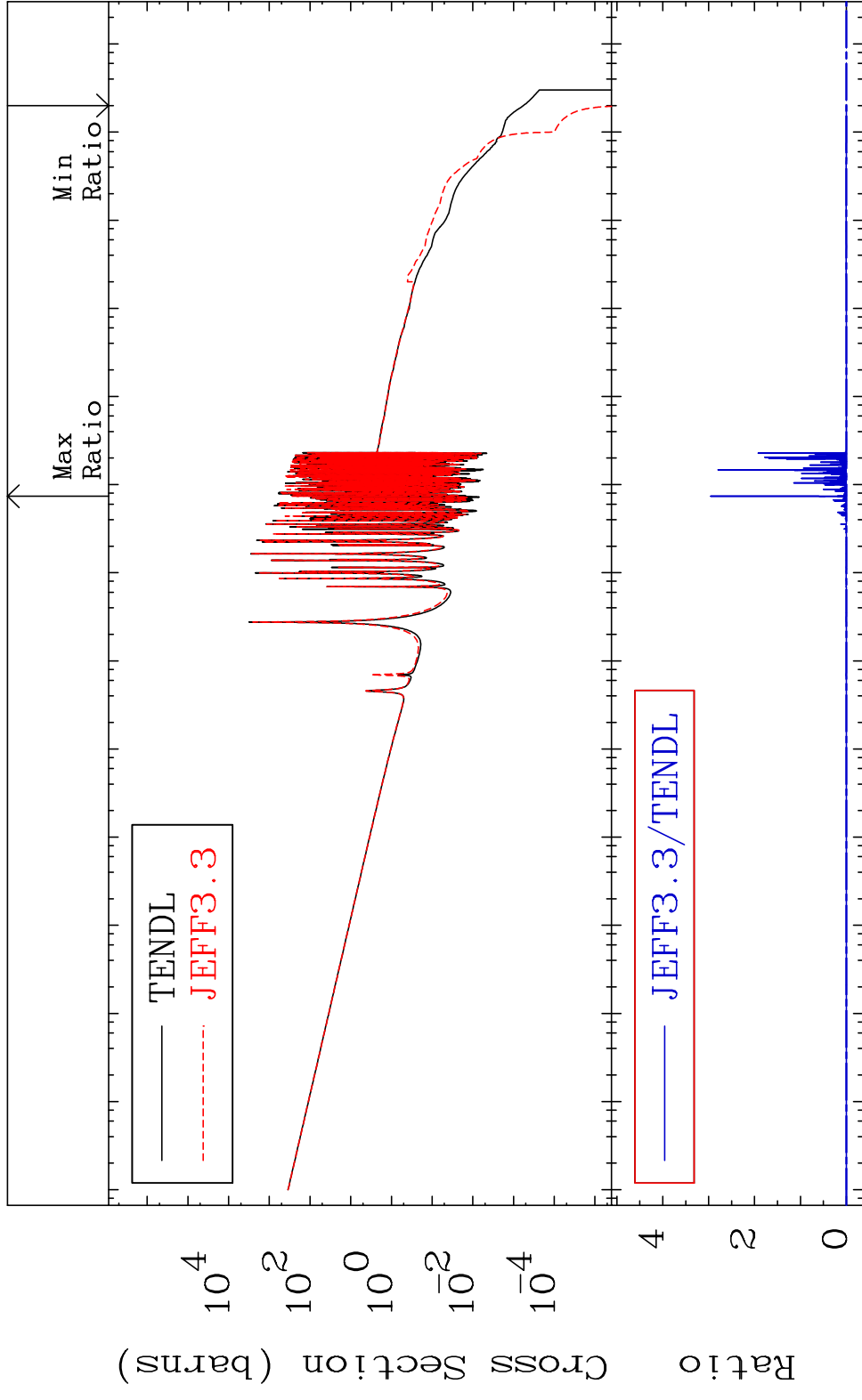


MAT 4840

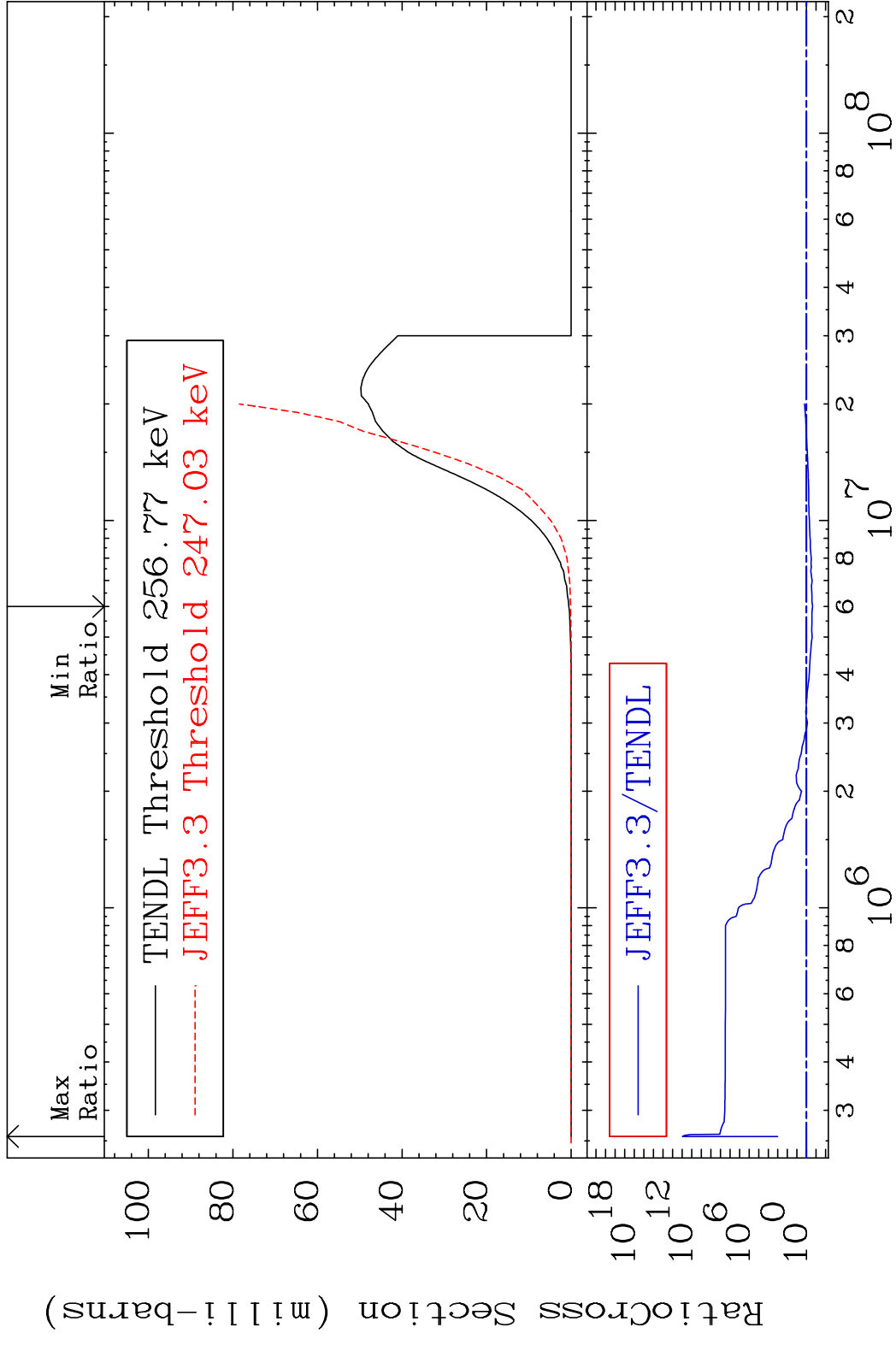
(n, γ)

48-Cd-111

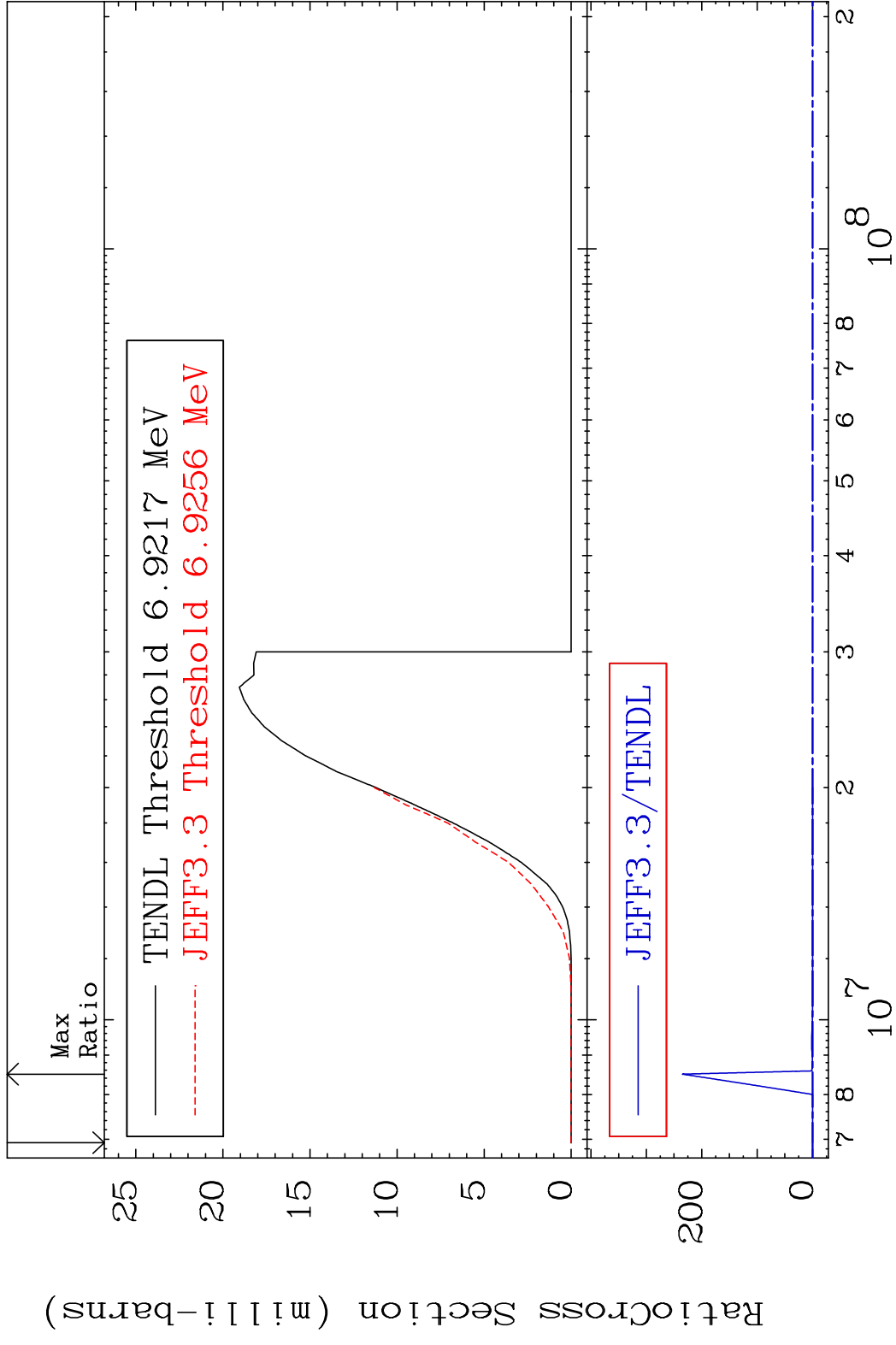
Cross Section -100.0 To 9999. %



MAT 4840 (n,p) 48-Cd-111
 Cross Section -76.46 To 9999. %



MAT 4840 (n,d) 48-Cd-111
 Cross Section -100.0 To 9999. %

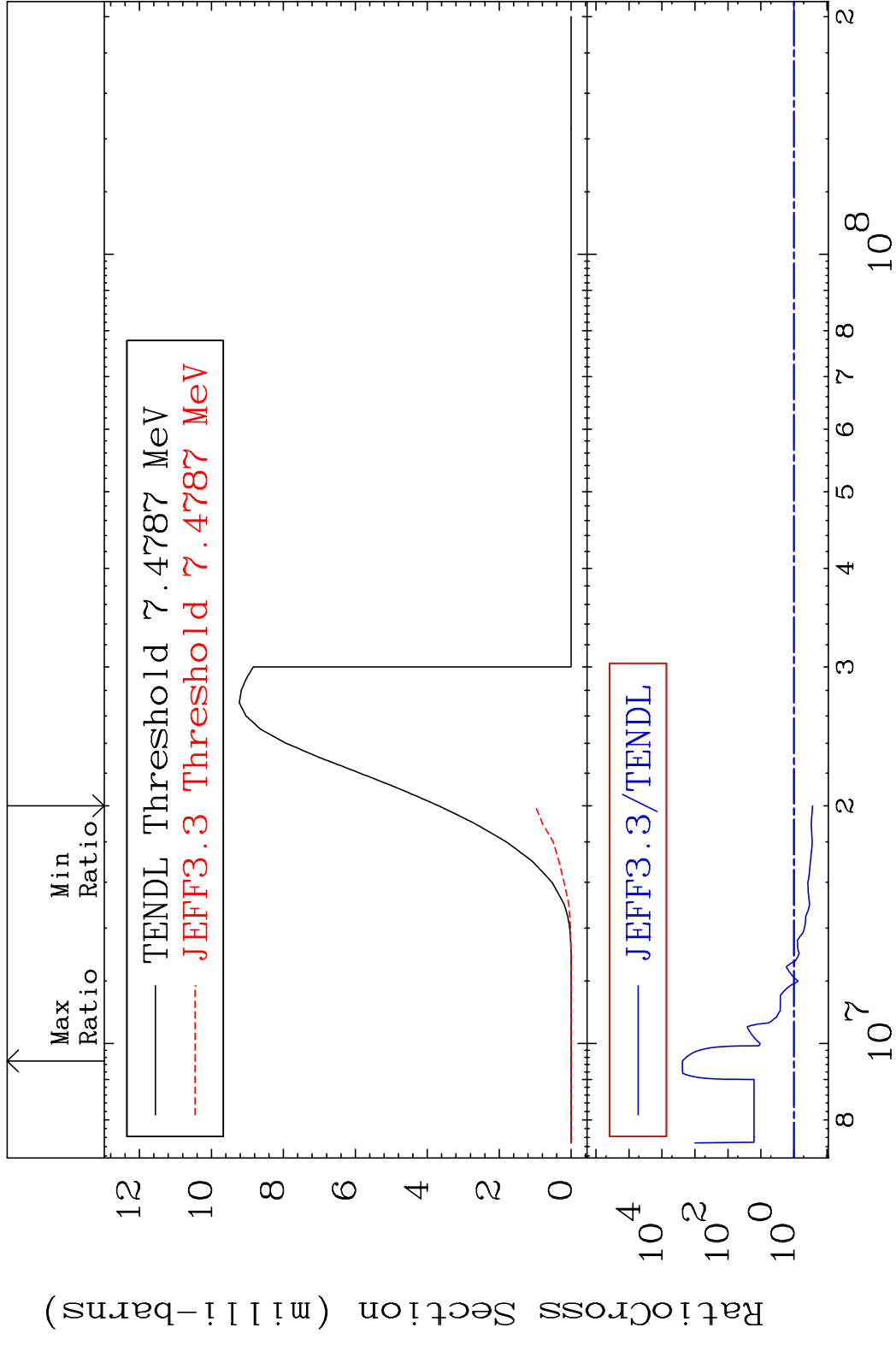


MAT 4840

(n, t)

48-Cd-111

Cross Section -72.85 To 9999. %



25

Incident Energy (eV)

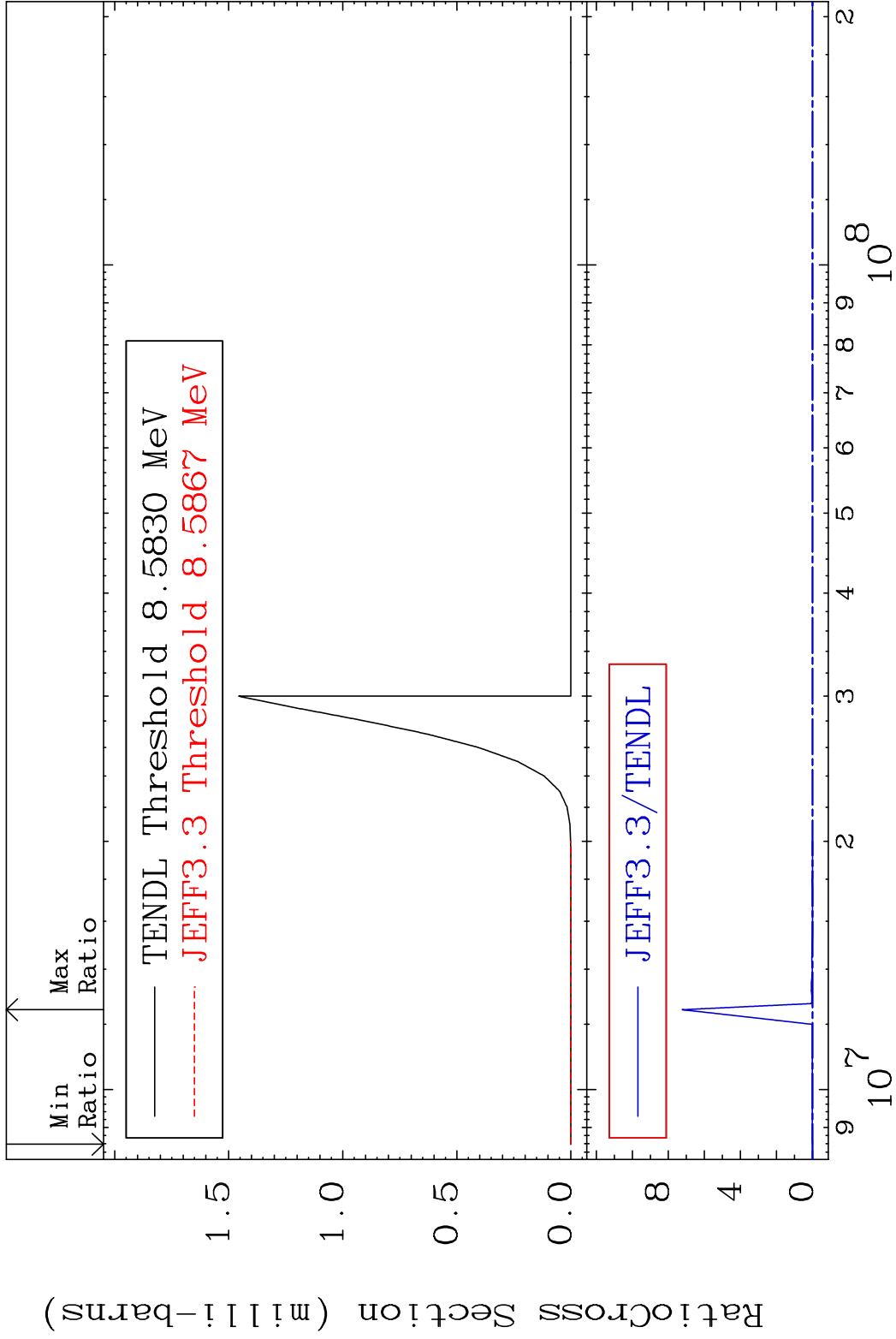
48-Cd-111

MAT 4840

(n, He-3)

48-Cd-111

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

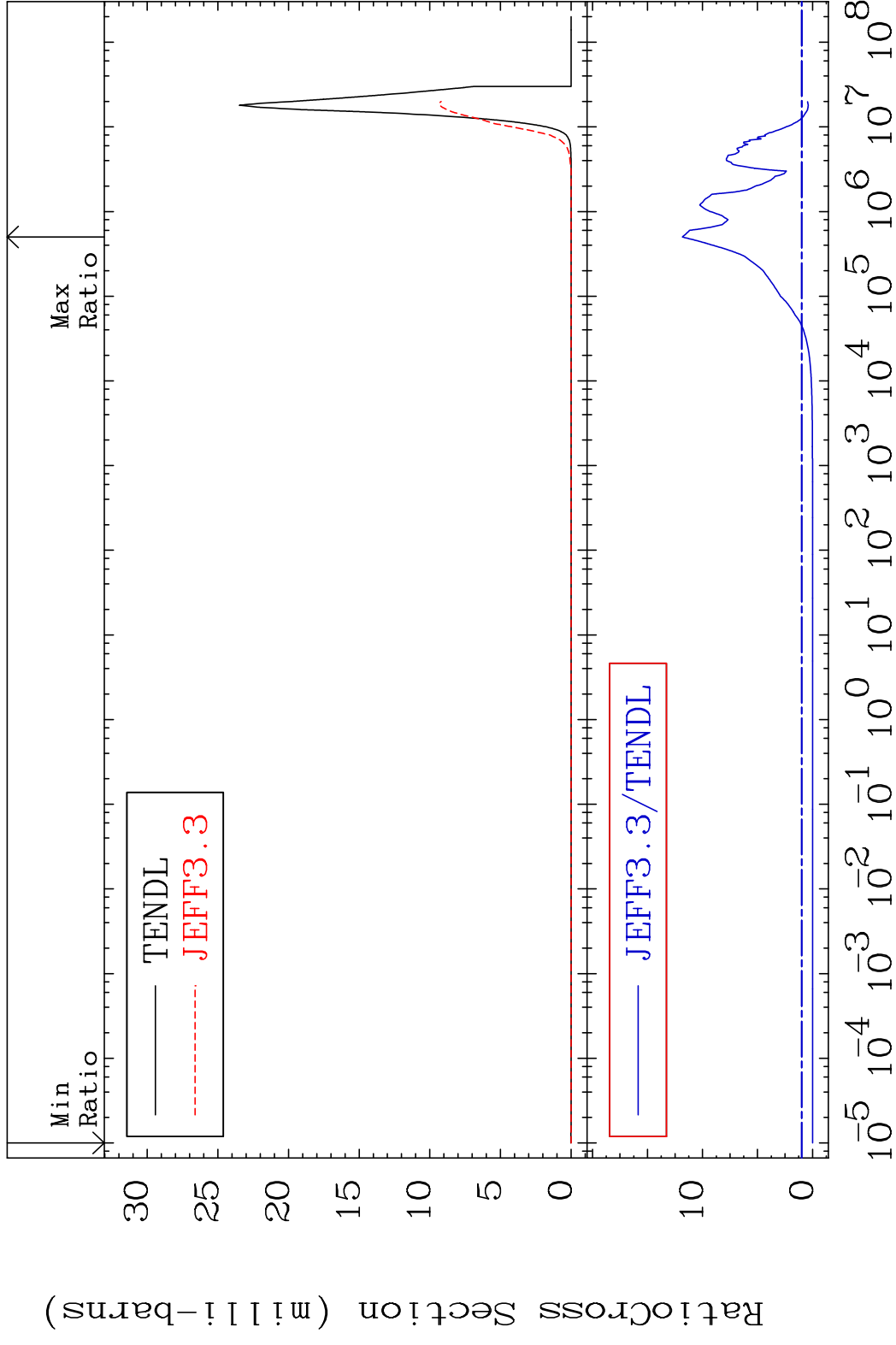
48-Cd-111

MAT 4840

(n, α)

48-Cd-111

Cross Section -100.0 To 1083. %

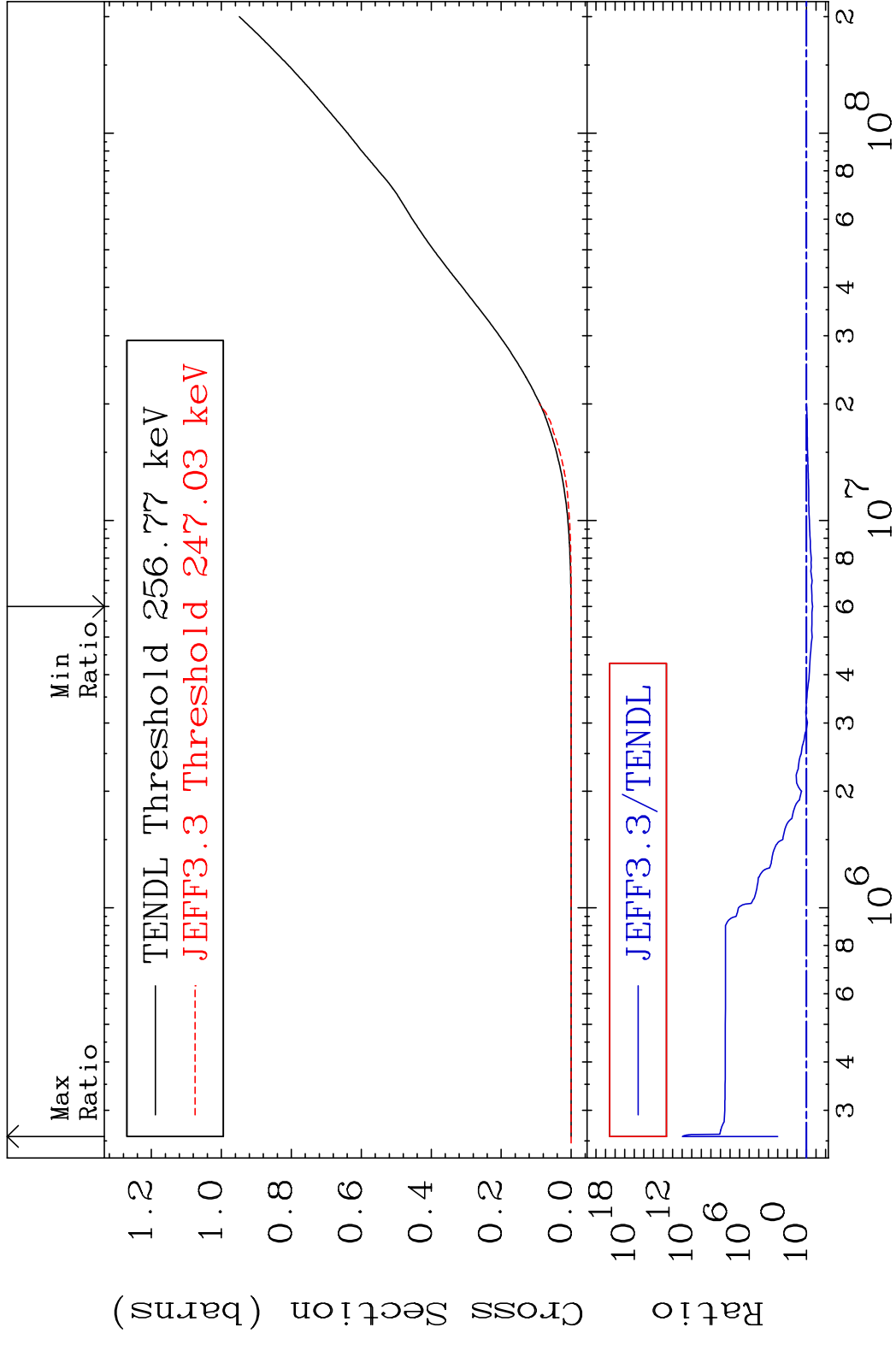


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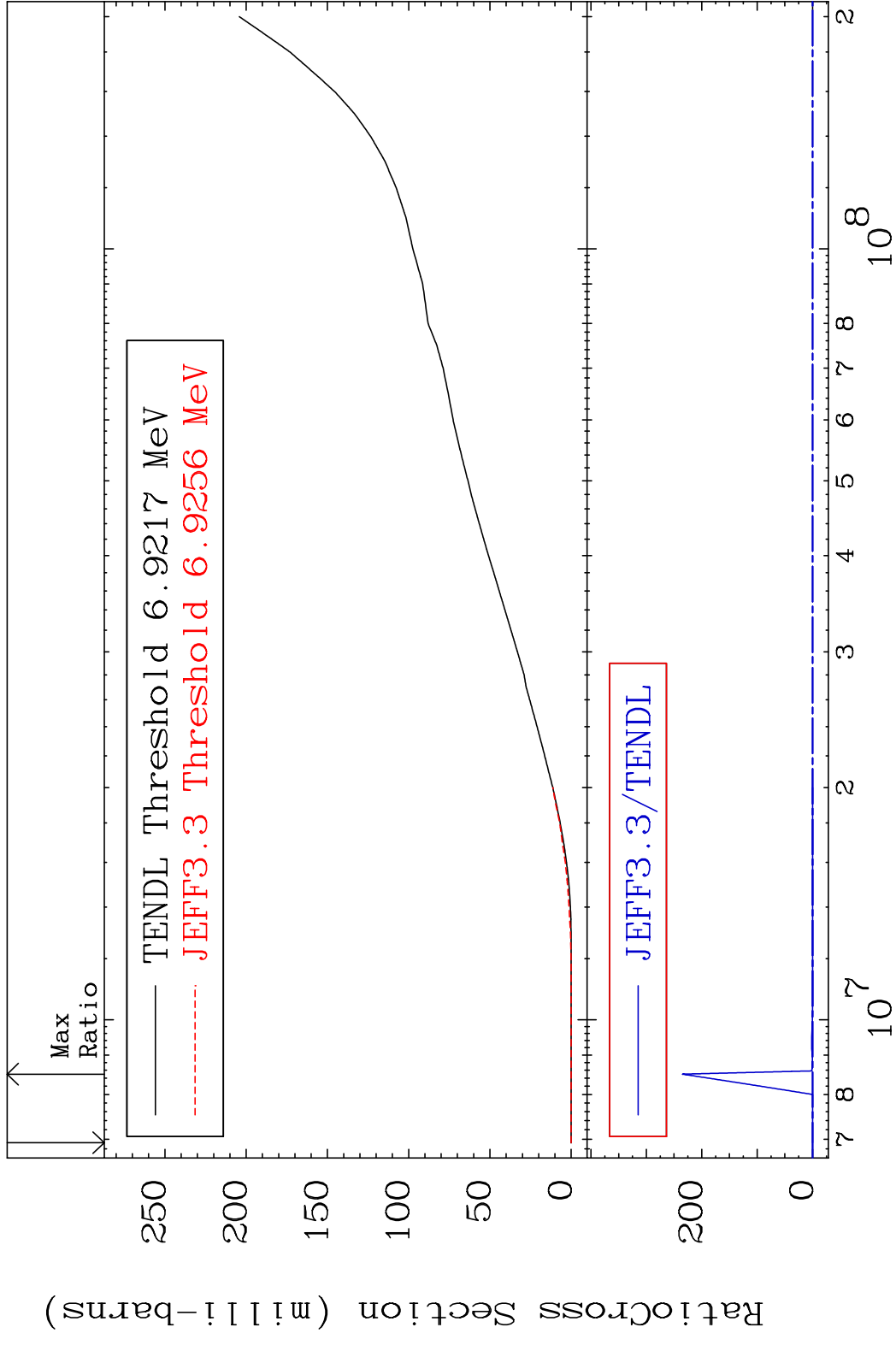
Incident Energy (eV)

48-Cd-111

MAT 4840 Hydrogen Production 48-Cd-111
 Cross Section -76.46 To 9999. %

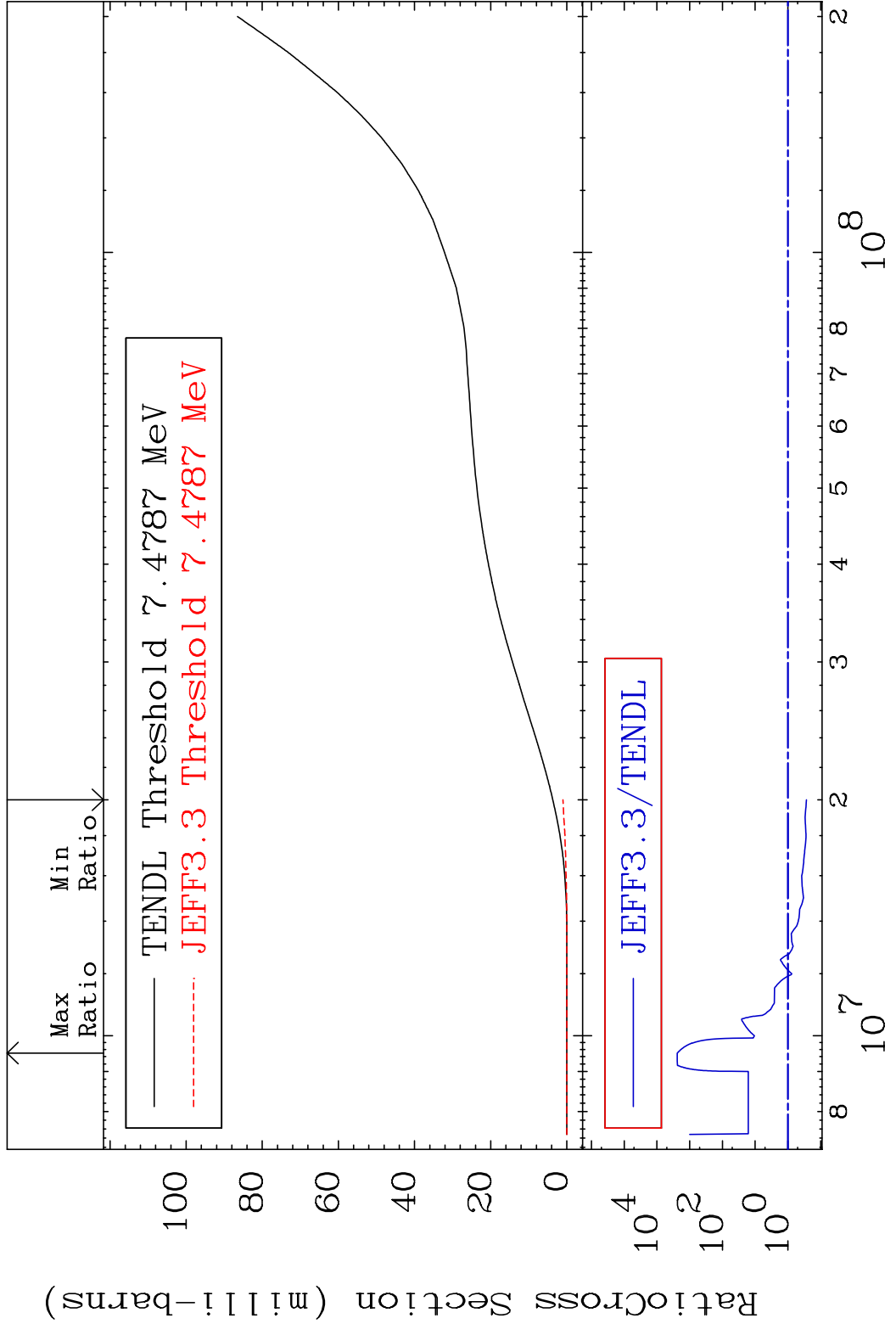


MAT 4840 Deuterium Production 48-Cd-111
 Cross Section -100.0 To 9999. %



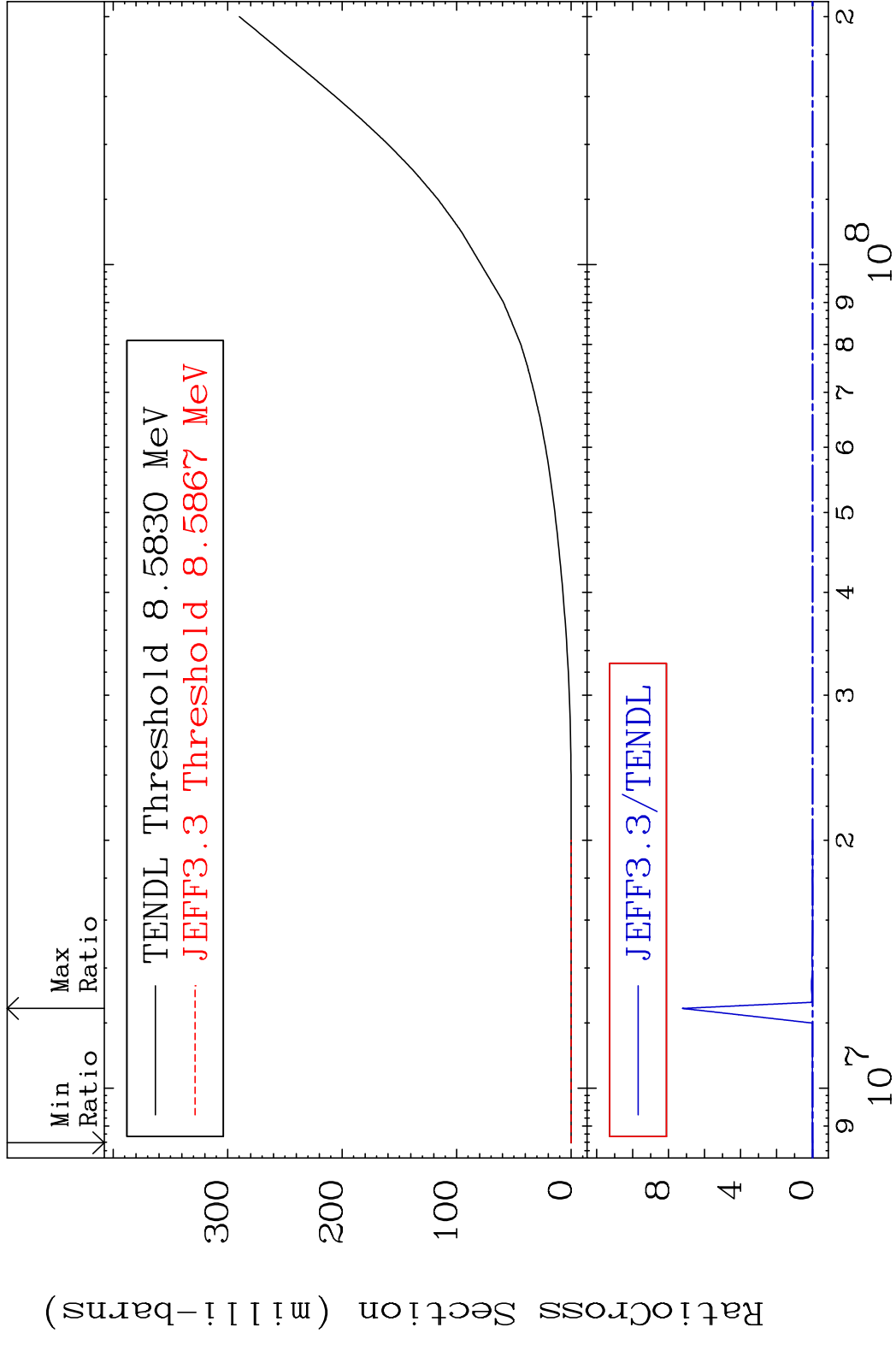
29 Incident Energy (eV) 48-Cd-111

MAT 4840 Tritium Production 48-Cd-111
 Cross Section -72.85 To 9999. %



30 Incident Energy (eV) 48-Cd-111

MAT 4840 He-3 Production 48-Cd-111
 Cross Section -100.0 To 9999. %



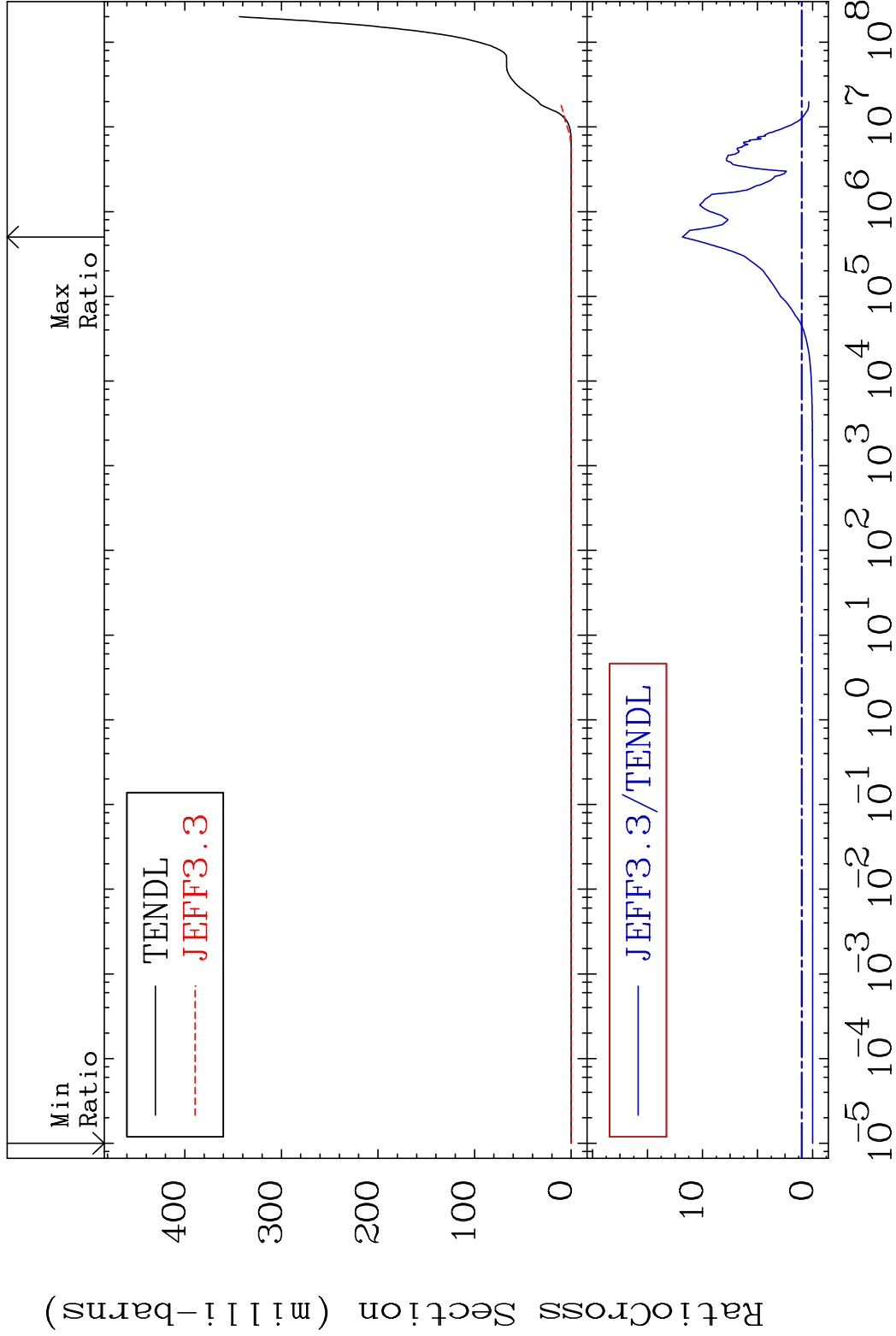
31 Incident Energy (eV) 48-Cd-111

MAT 4840

He-4 Production

48-Cd-111

Cross Section -100.0 To 1083. %

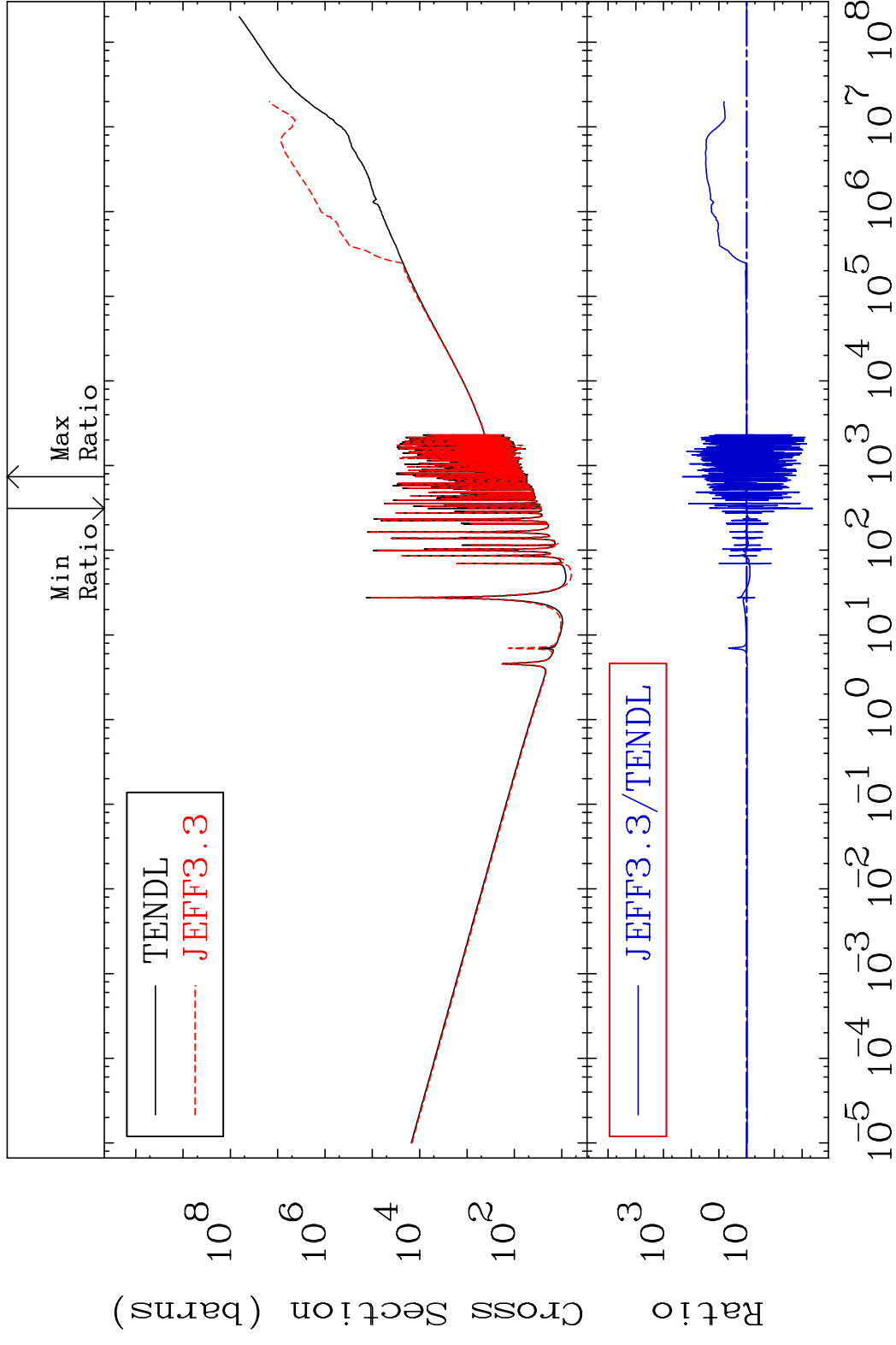


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Incident Energy (eV)

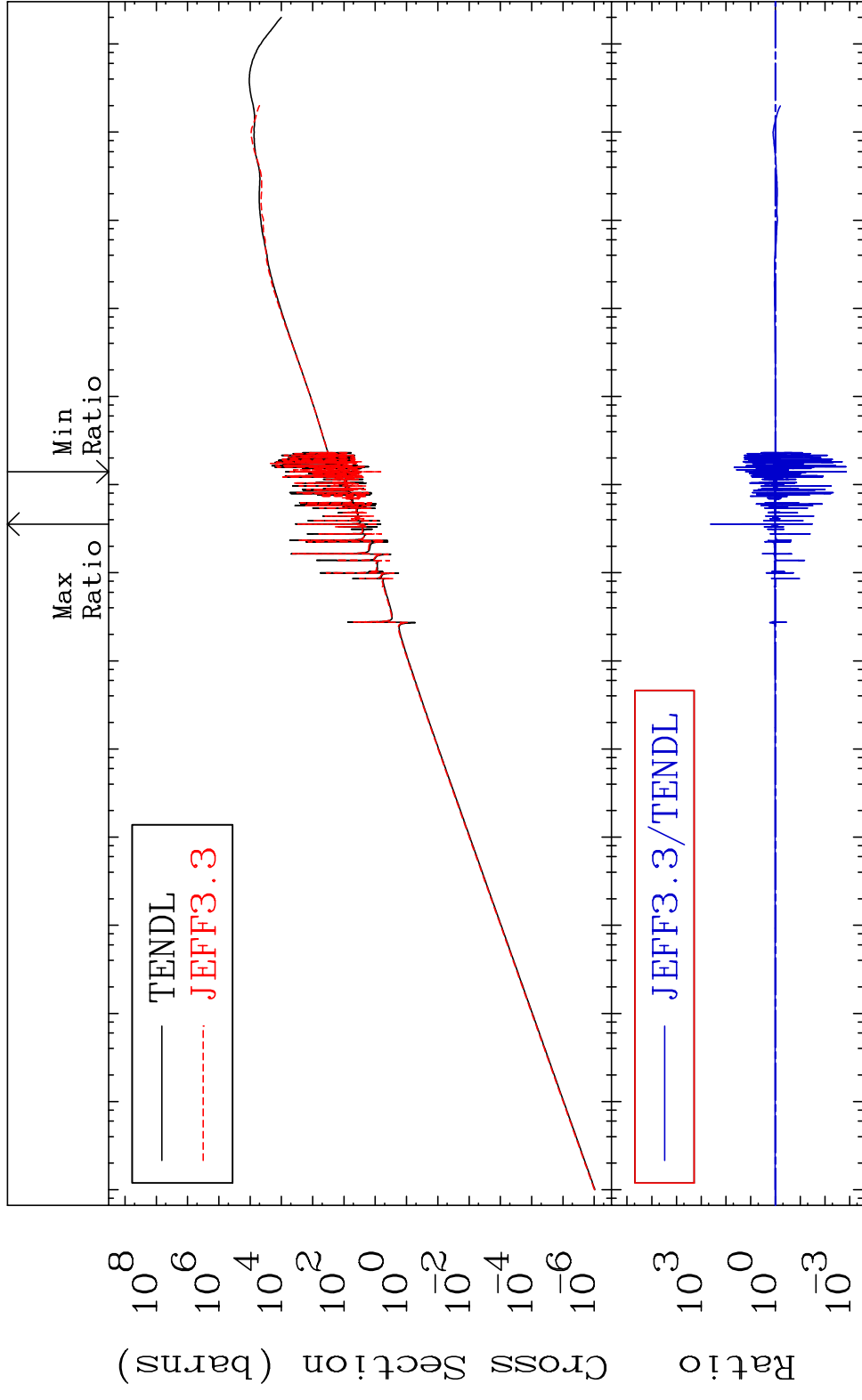
48-Cd-111

MAT 4840 Kerma total (eV-barns) 48-Cd-111
 Cross Section -99.58 To 9999. %

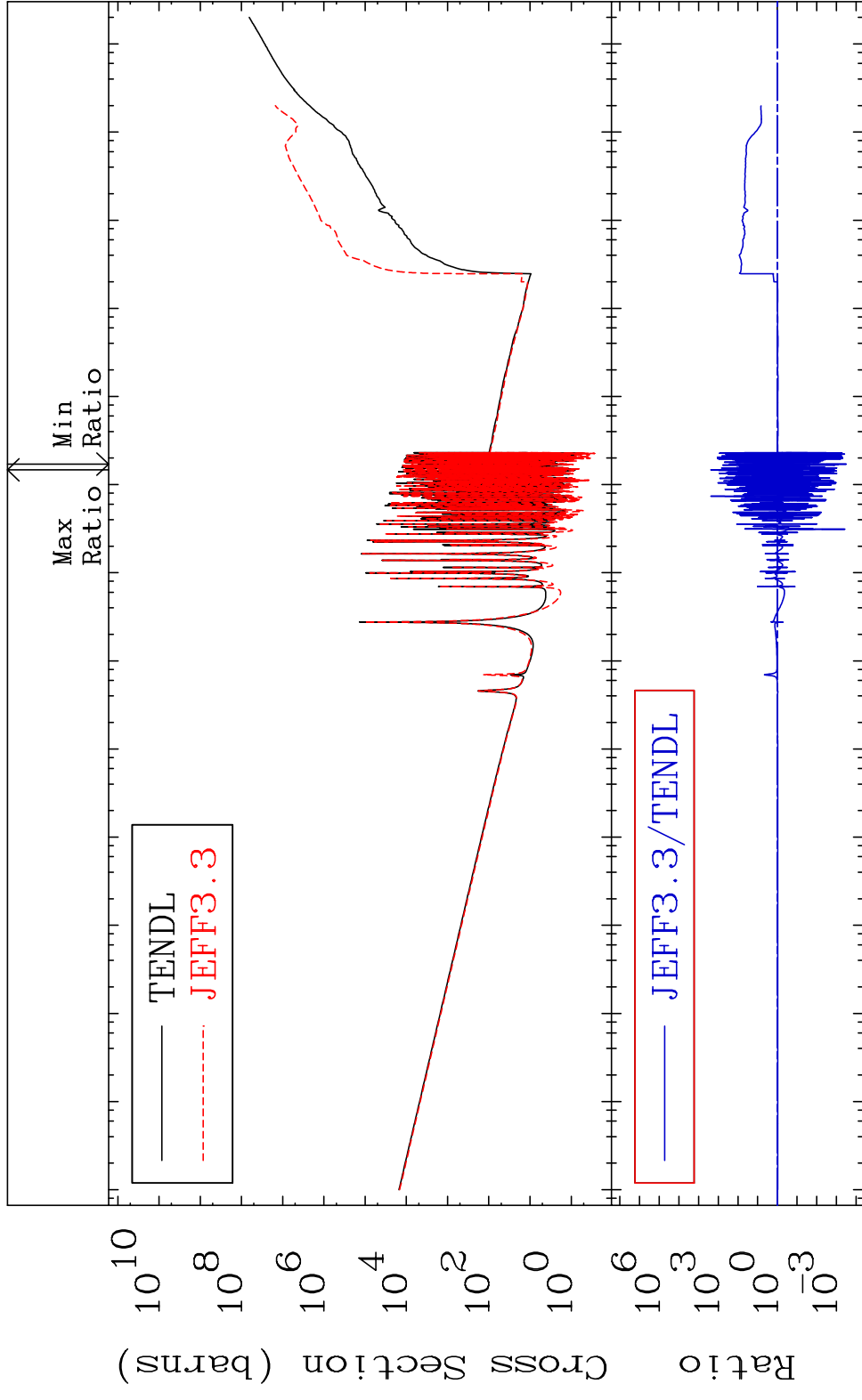


MAT 4840

Kerma elastic
Cross Section -99.86 To 9999. %
48-Cd-111

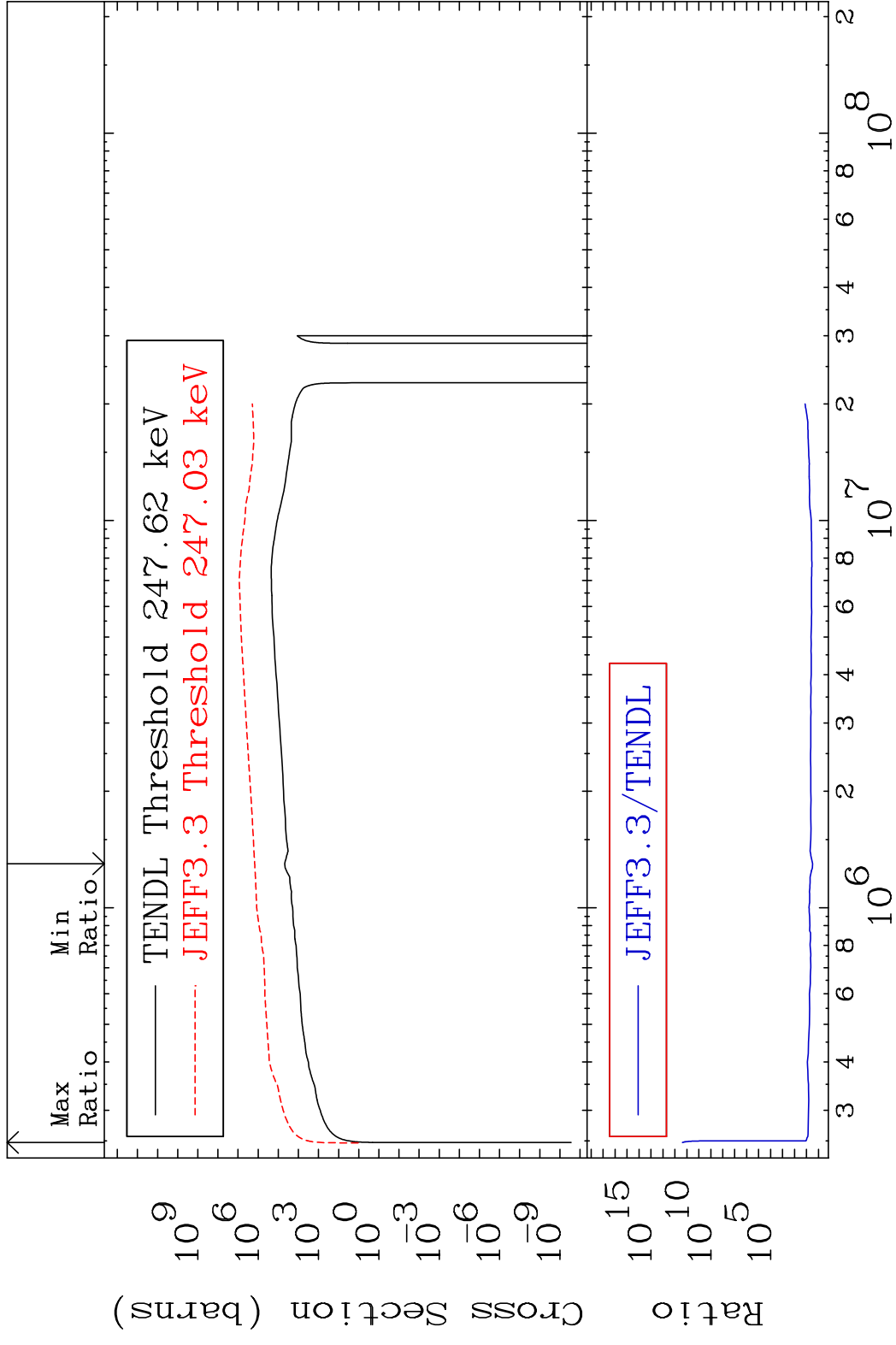


MAT 4840 Kerma non-elastic (all but mt2) 48-Cd-111
 Cross Section -99.97 To 9999. %

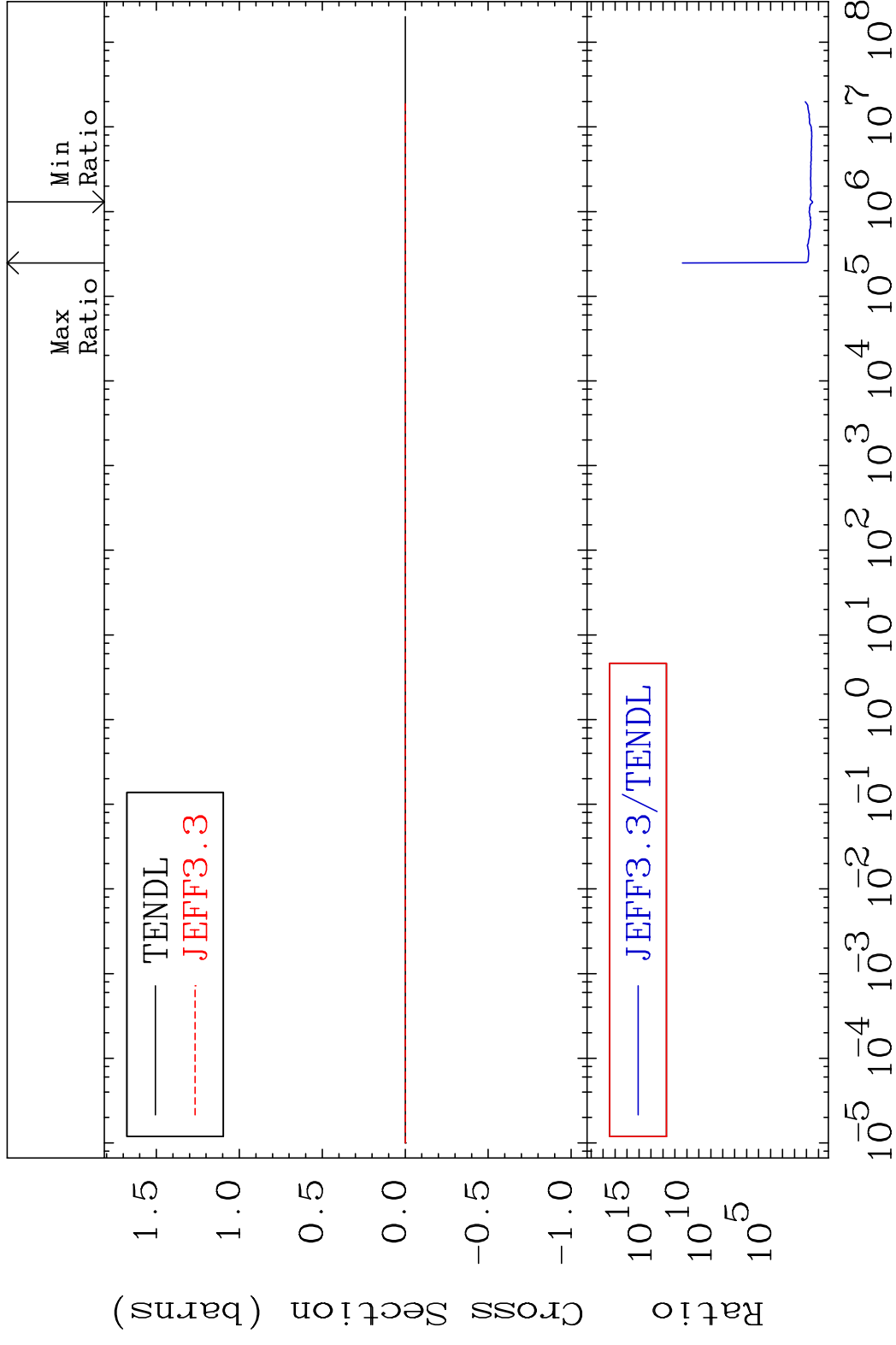


35 Incident Energy (eV) 48-Cd-111

MAT 4840 Kerma inelastic (mt51-91) 48-Cd-111
 Cross Section 3045. To 9999. %

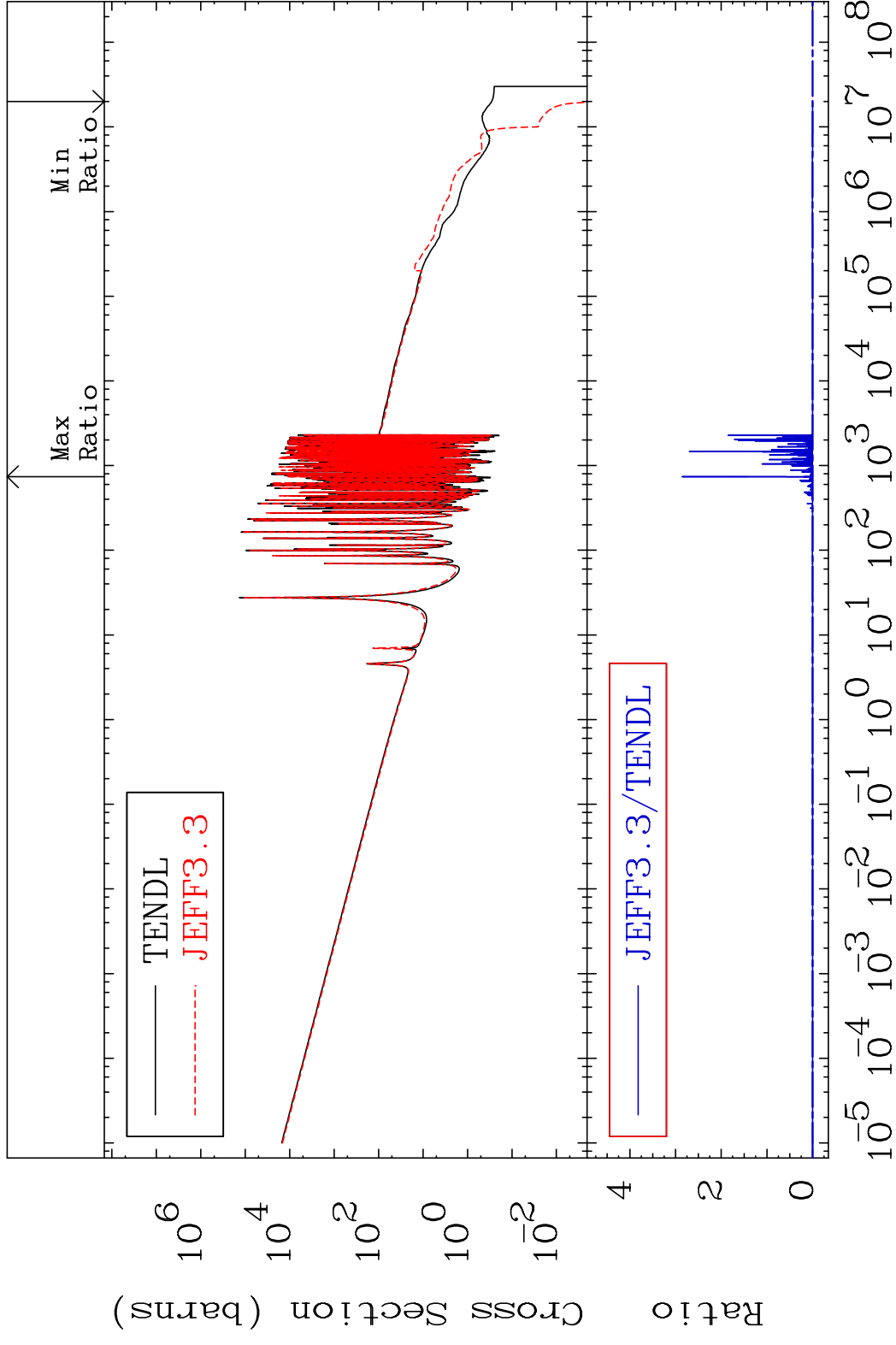


MAT 4840 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-111
 Cross Section 3045. To 9999. %



MAT 4840

Kerma capture (mt102) 48-Cd-111
Cross Section -100.0 To 9999. %

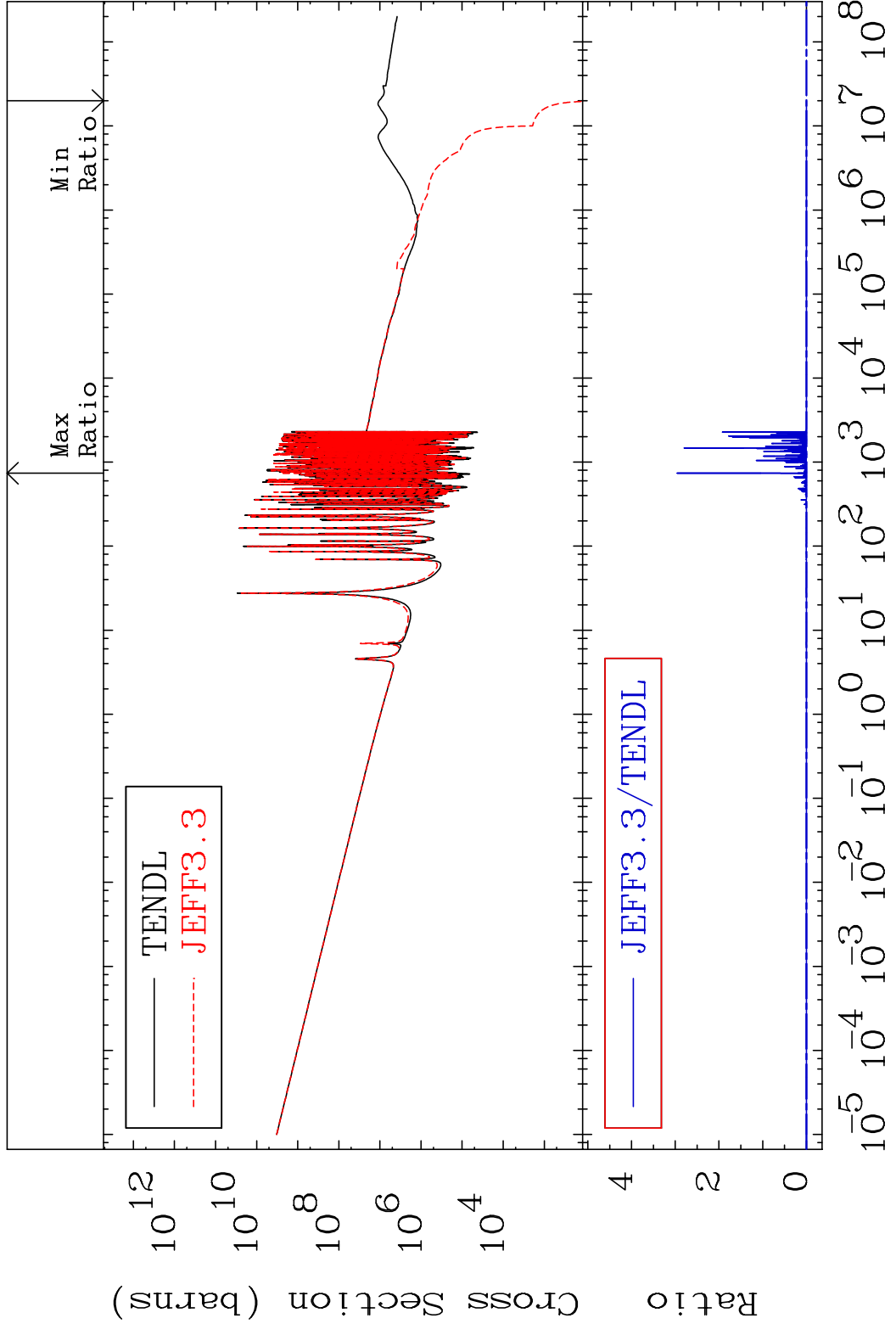


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Incident Energy (eV) 48-Cd-111

MAT 4840

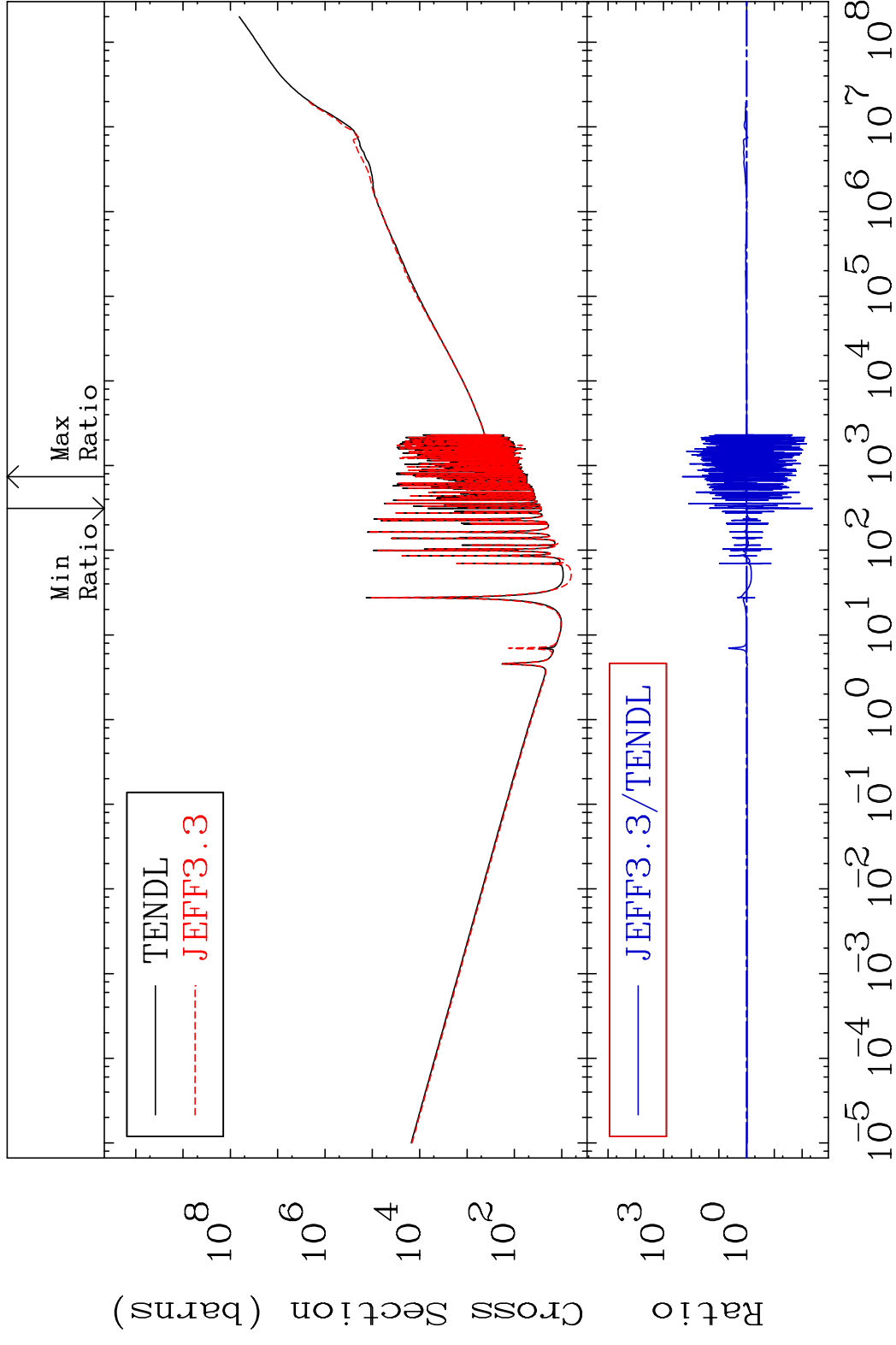
Total photon (eV-barns) 48-Cd-111
Cross Section -100.0 To 9999. %



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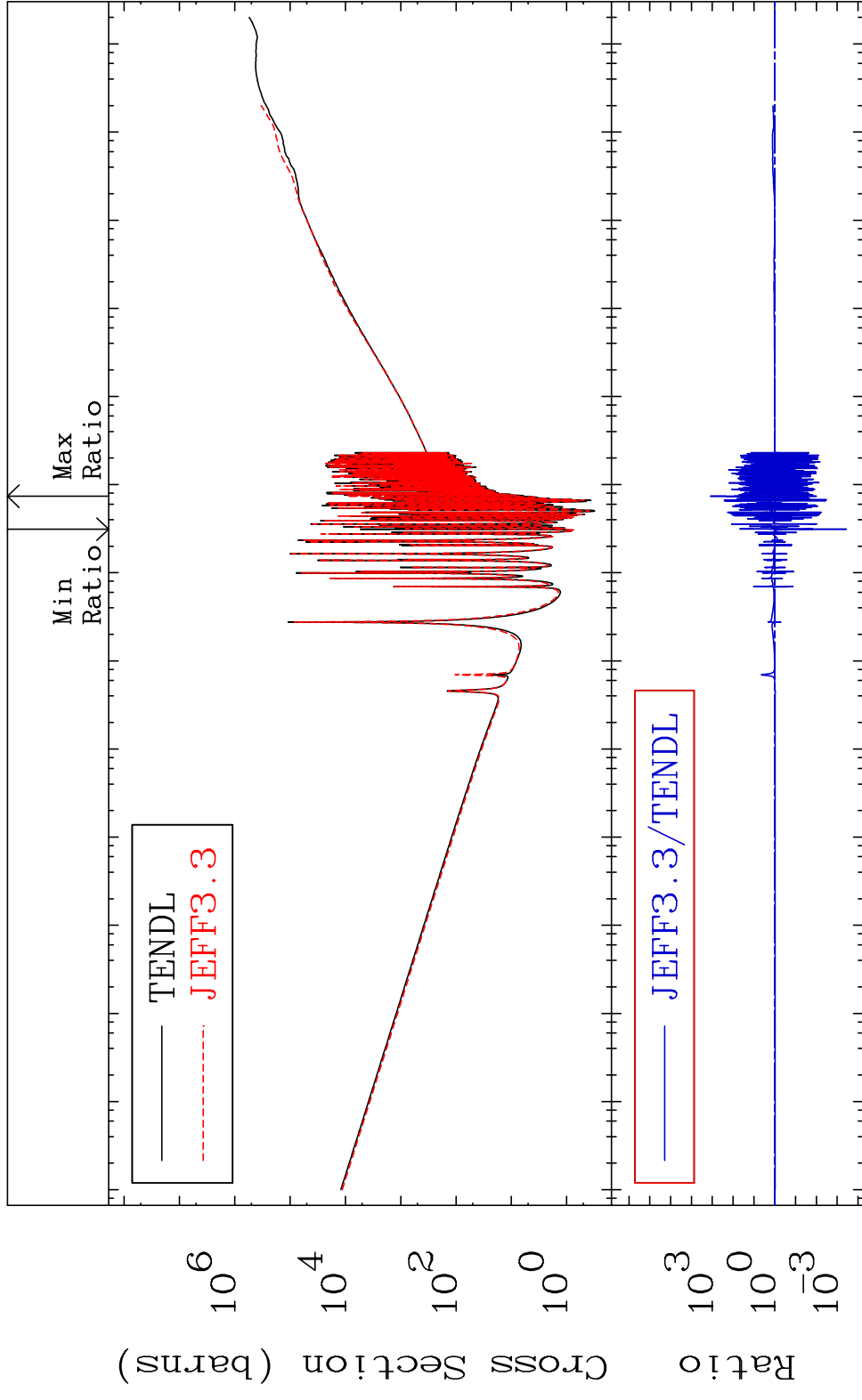
Incident Energy (eV) 48-Cd-111

MAT 4840 Total kinematic kerma (high limit) 48-Cd-111
Cross Section -99.58 To 9999. %



40 Incident Energy (eV) 48-Cd-111

MAT 4840 Dpa total (eV-barns) 48-Cd-111
 Cross Section -99.96 To 9999. %

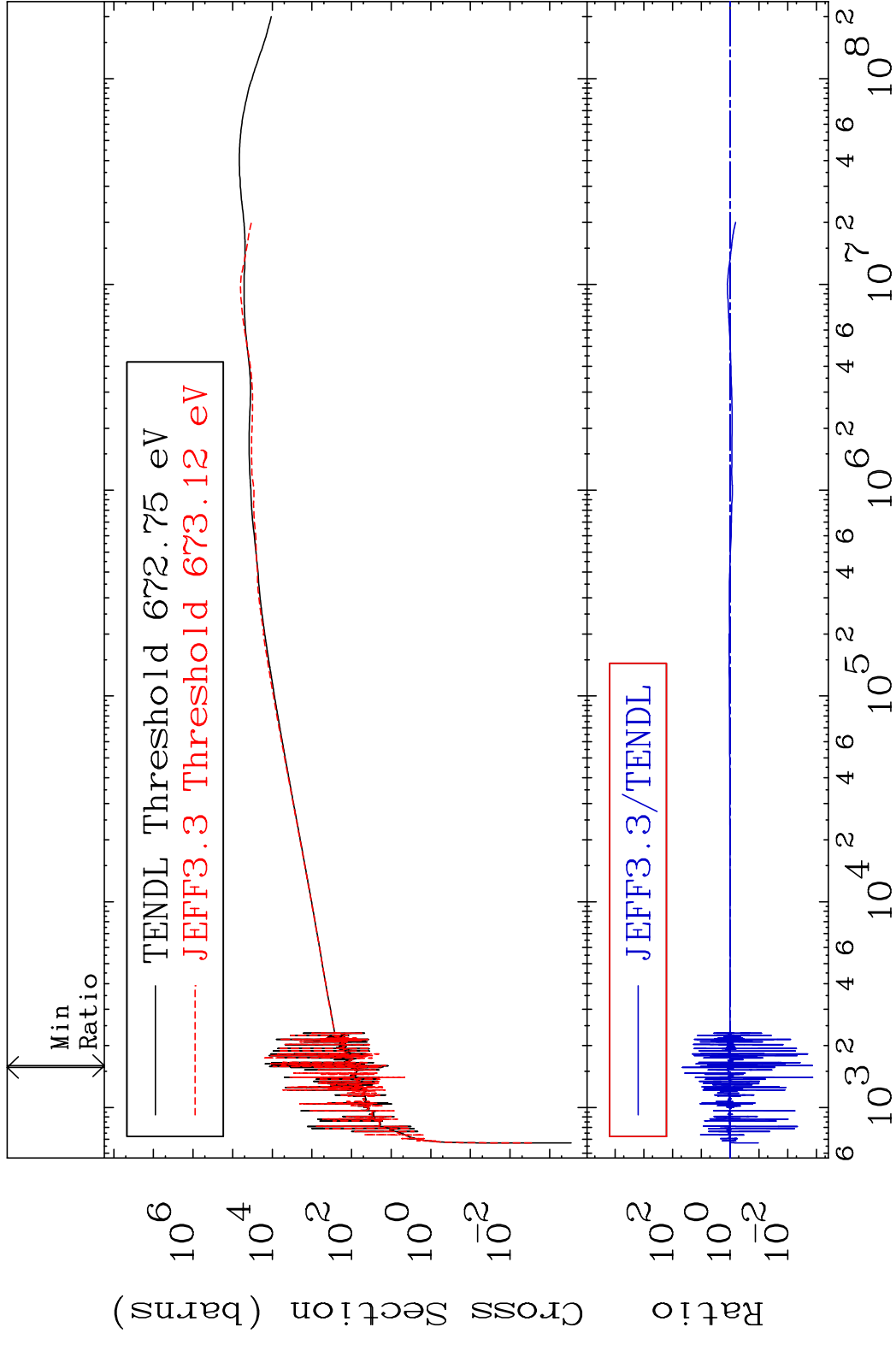


MAT 4840

Dpa elastic (mt2)

48-Cd-111

Cross Section -99.86 To 4476. %

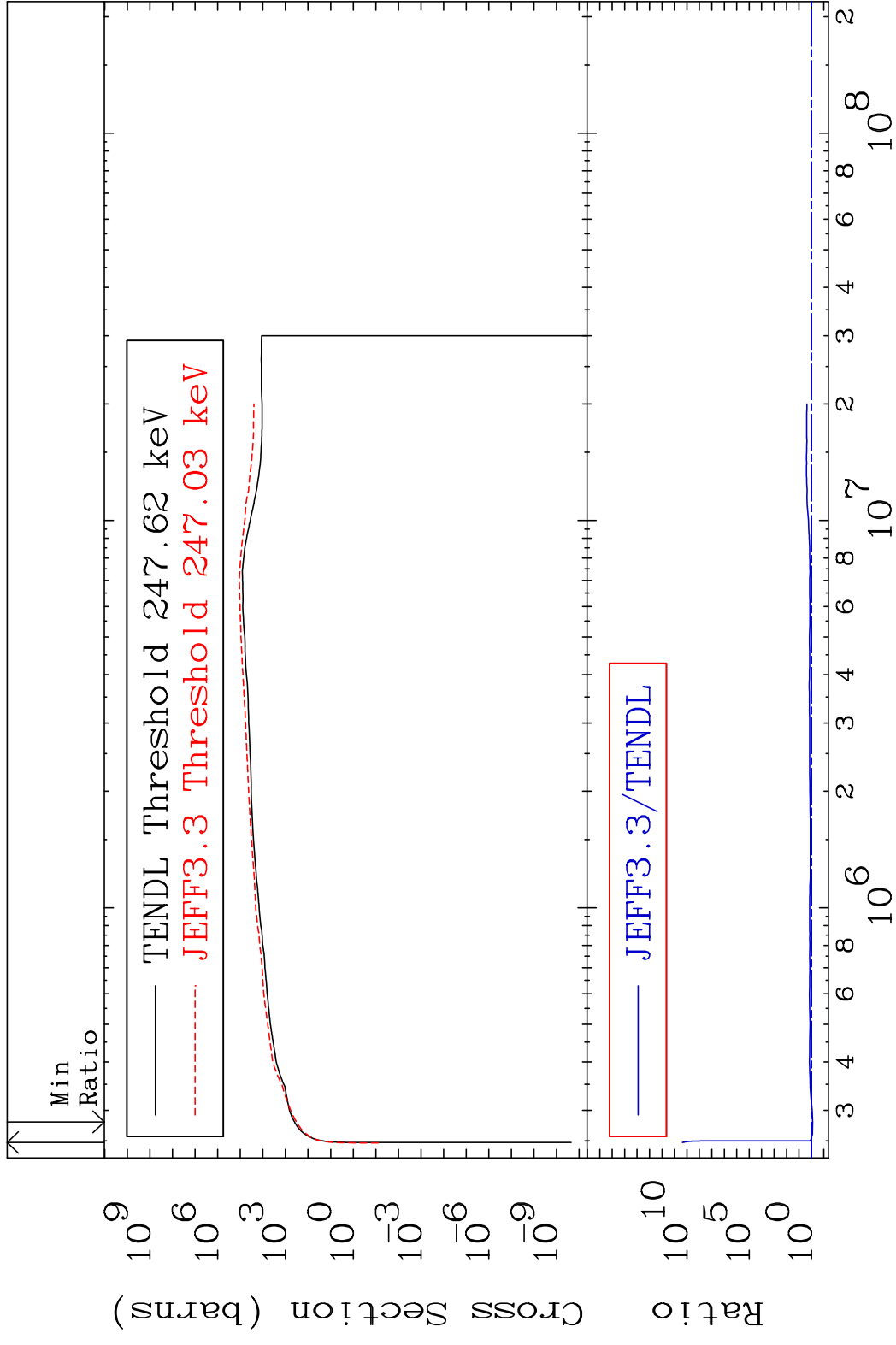


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Incident Energy (eV)

48-Cd-111

MAT 4840 Dpa inelastic (mt51-91) 48-Cd-111
 Cross Section -18.80 To 9999. %



MAT 4840 Dpa disappearance (mt102 -120) 48-Cd-111
 Cross Section -99.97 To 9999. %

