

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

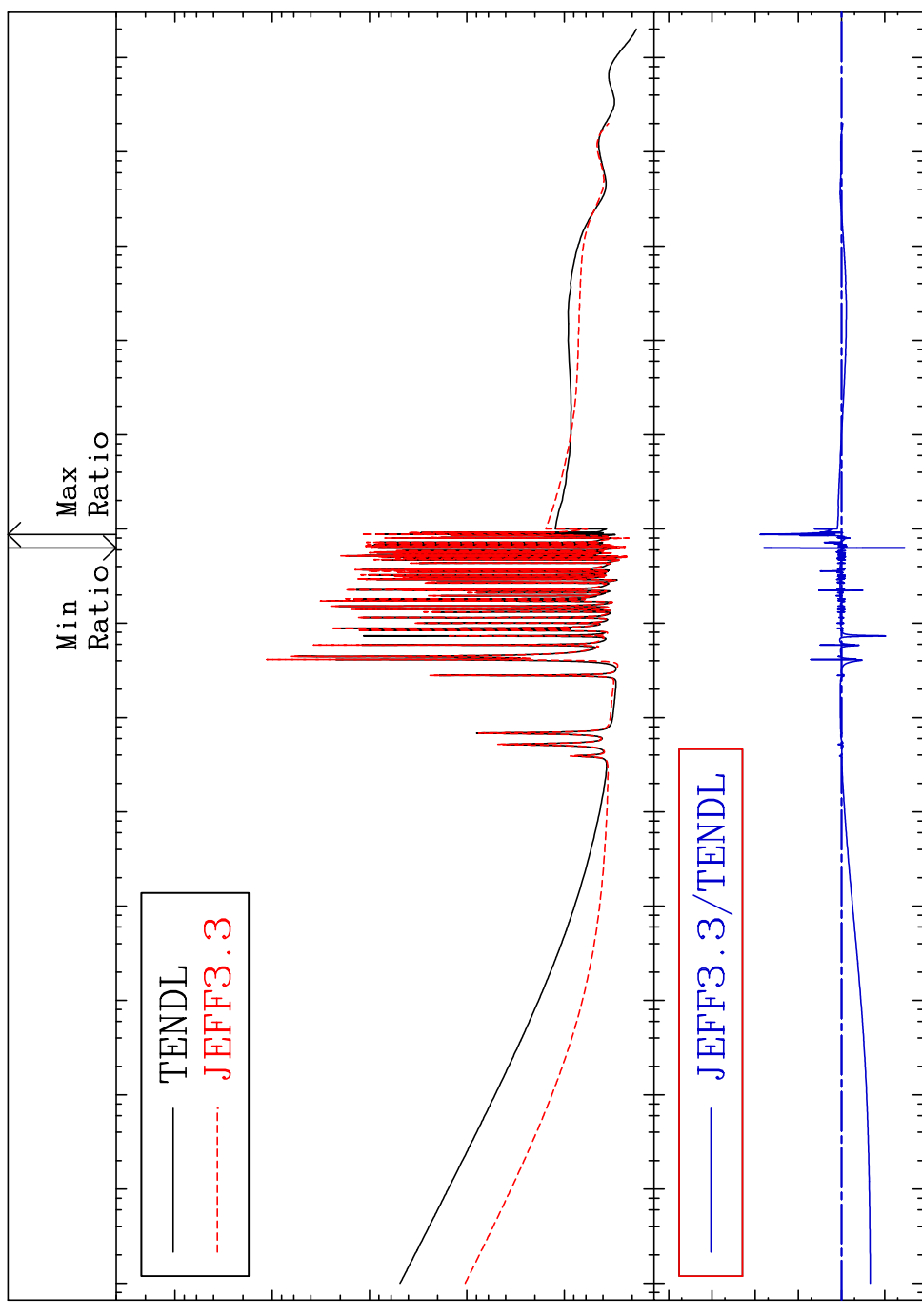
MAT 4640

Total

46-Pd-107

Cross Section

-96.67 To 7511. %



10^5

10^4

10^3

10^2

10^1

10^2

10^0

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

1

Incident Energy (eV)

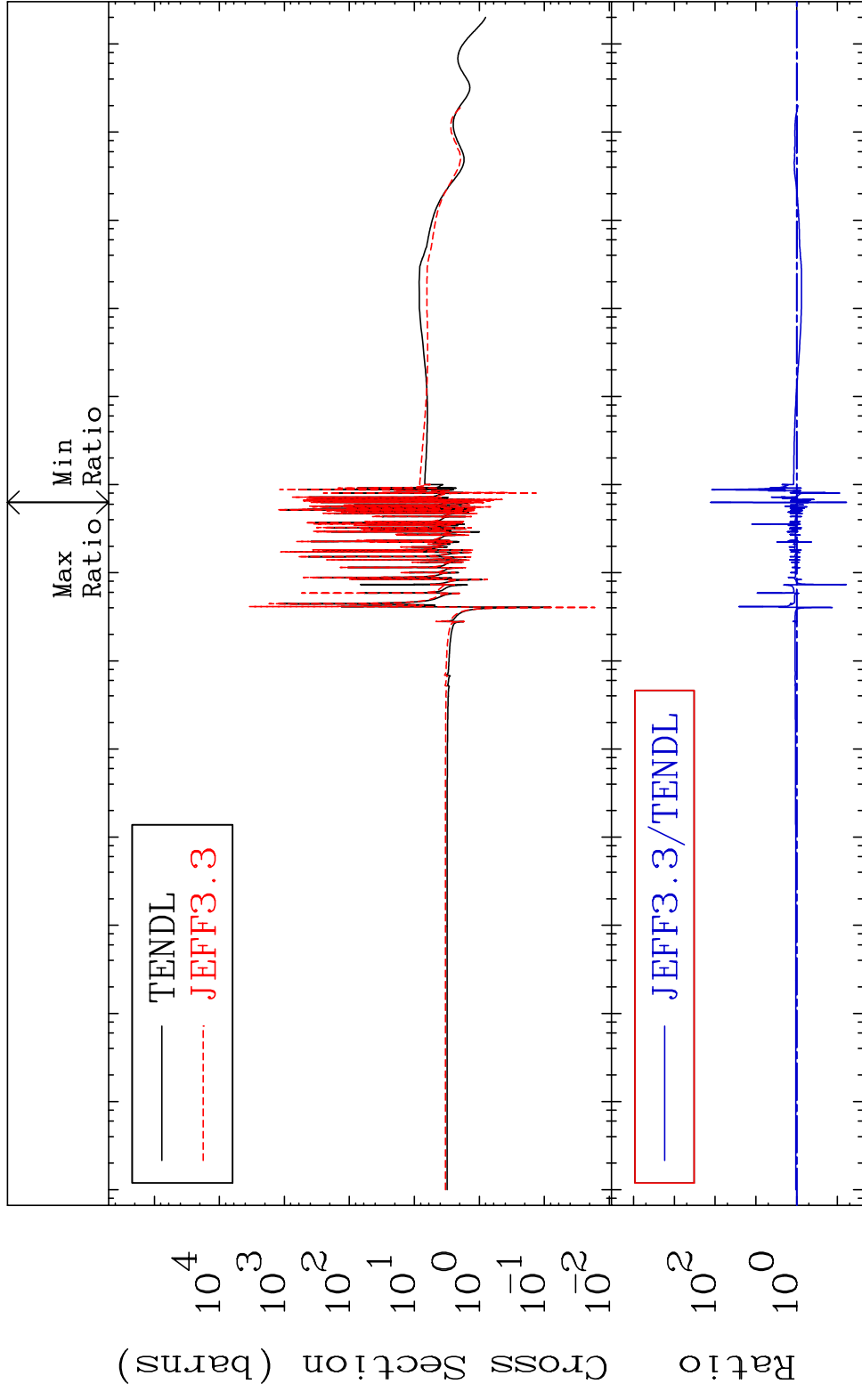
46-Pd-107

MAT 4640

46-Pd-107

Elastic

Cross Section -93.94 To 9999. %

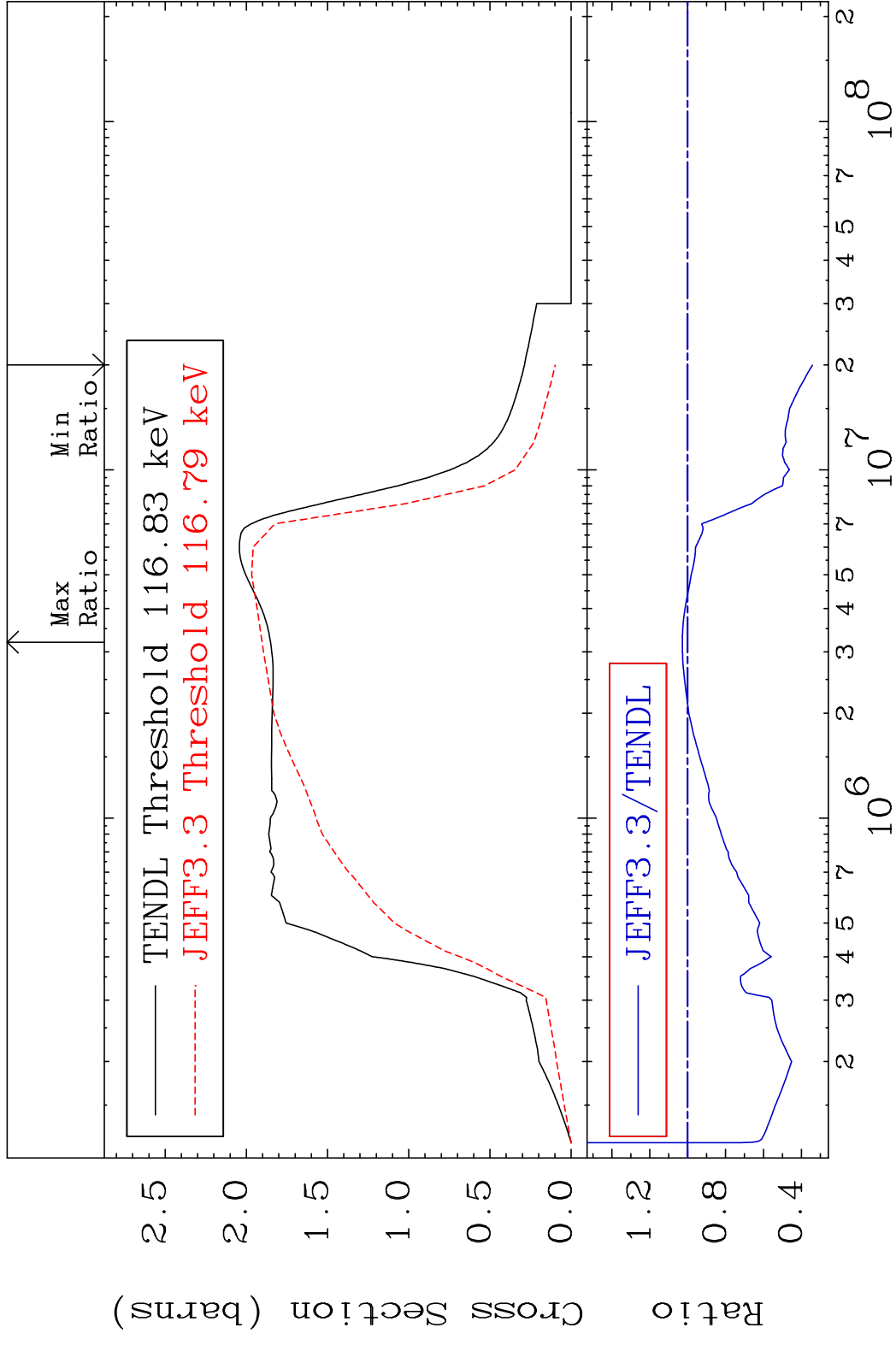


2

Incident Energy (eV)

46-Pd-107

MAT 4640 Inelastic Cross Section -65.90 To 2.808 % 46-Pd-107

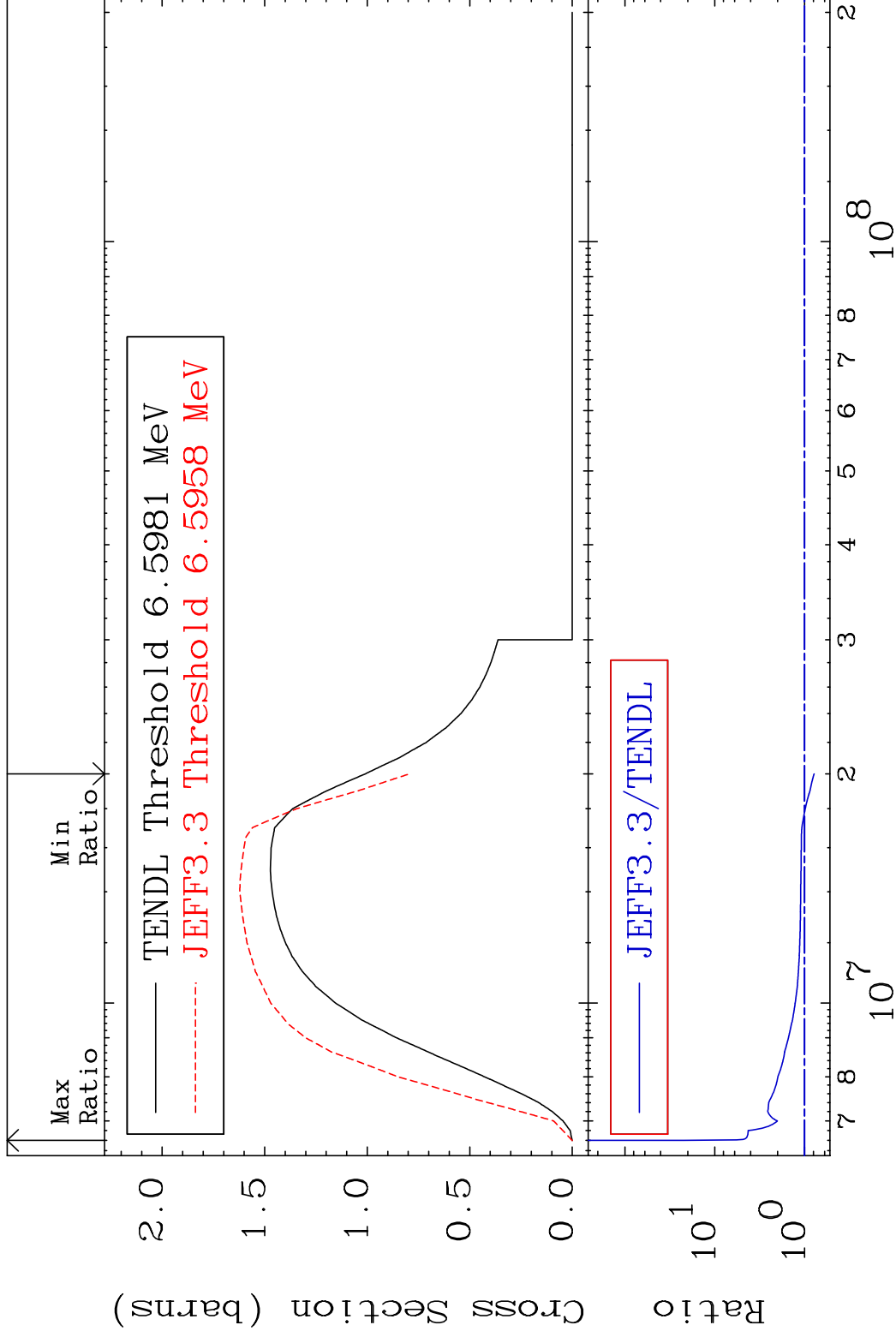


MAT 4640

(n,2n)

46-Pd-107

Cross Section -21.50 To 2118. %



4

Incident Energy (eV)

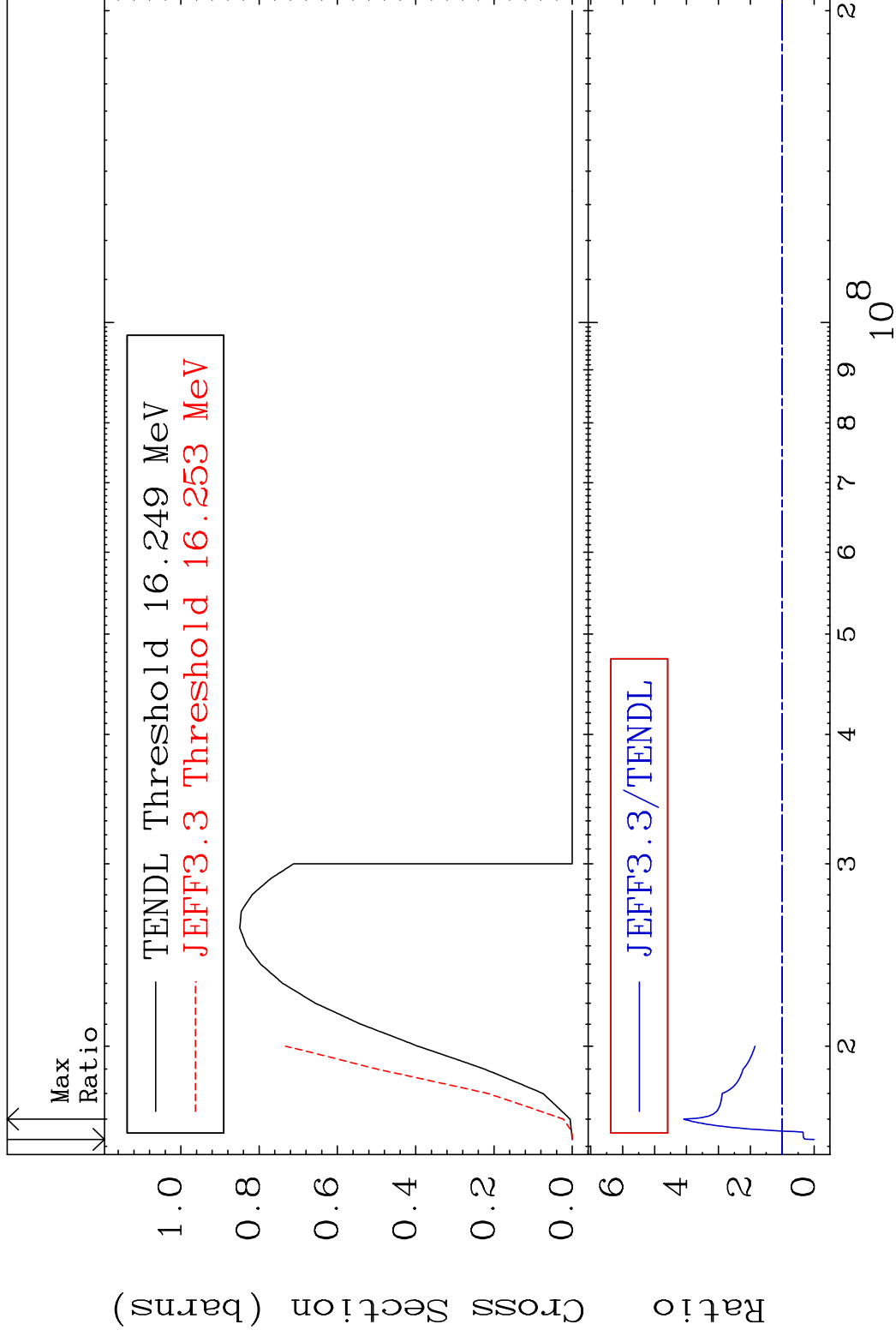
46-Pd-107

MAT 4640

(n,3n)

46-Pd-107

Cross Section -100.0 To 308.9 %

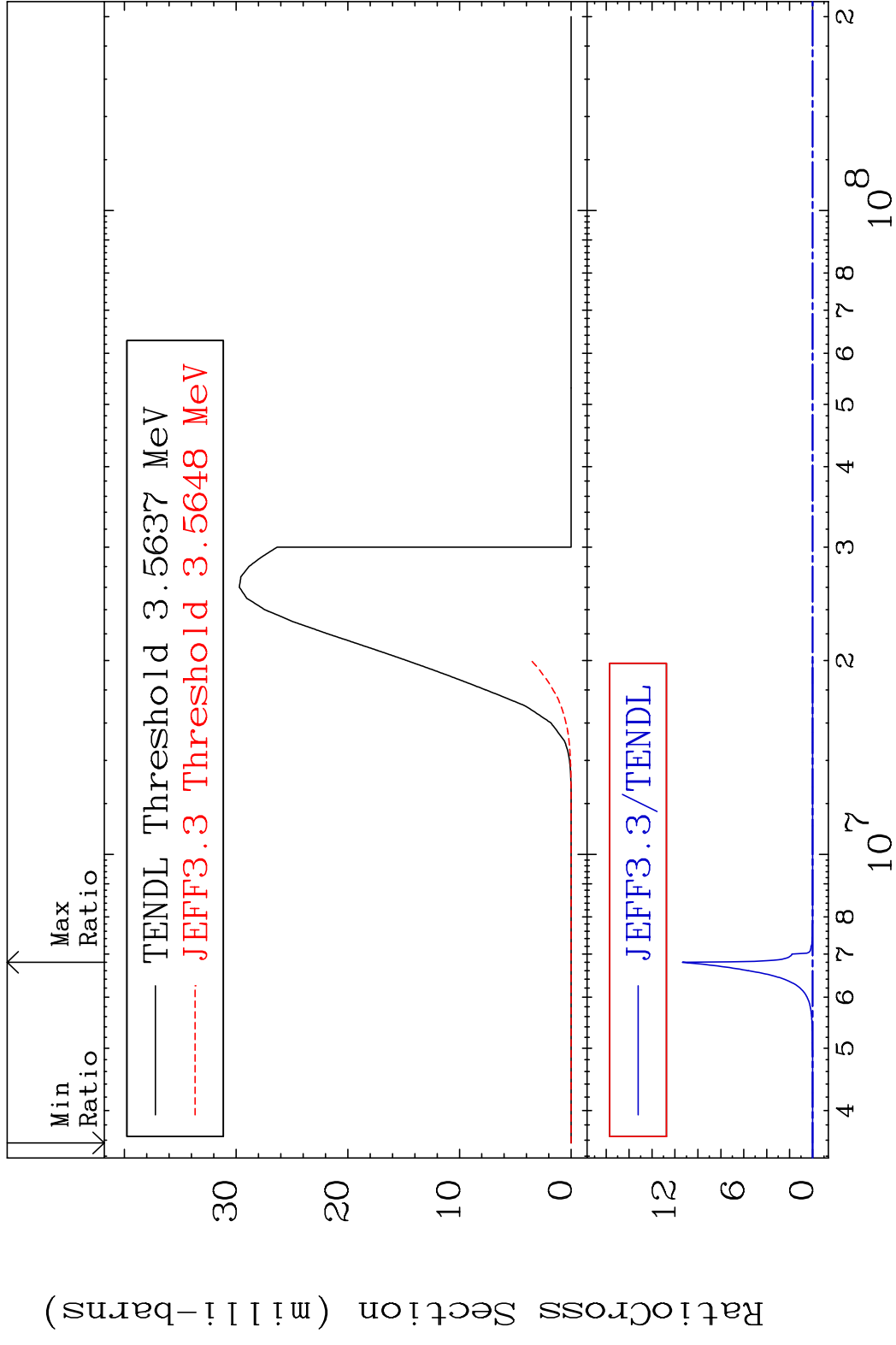


5

Incident Energy (eV)

46-Pd-107

MAT 4640 (n, n') α 46-Pd-107
 Cross Section -100.0 To 9999. %

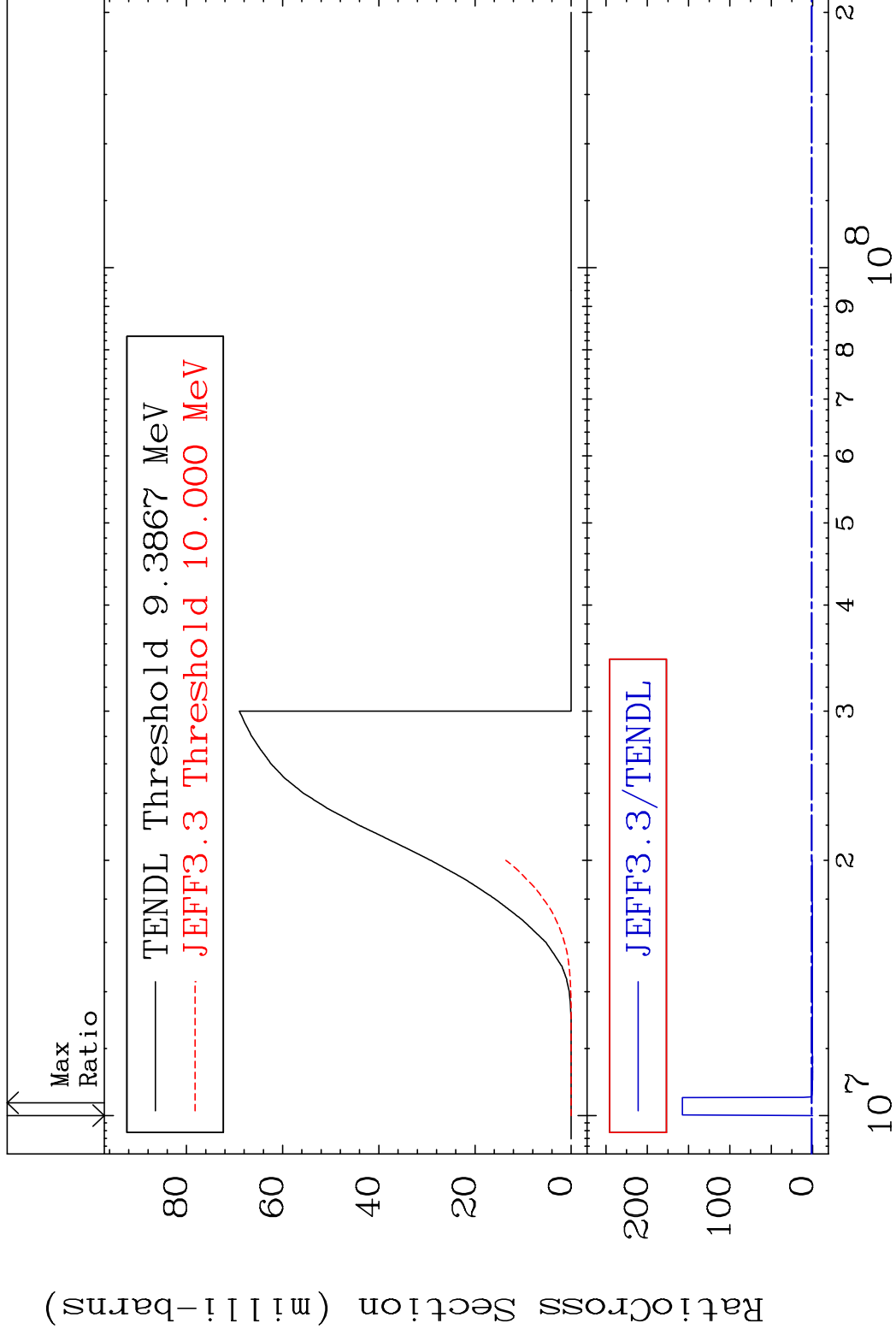


MAT 4640

(n, n') p

46-Pd-107

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

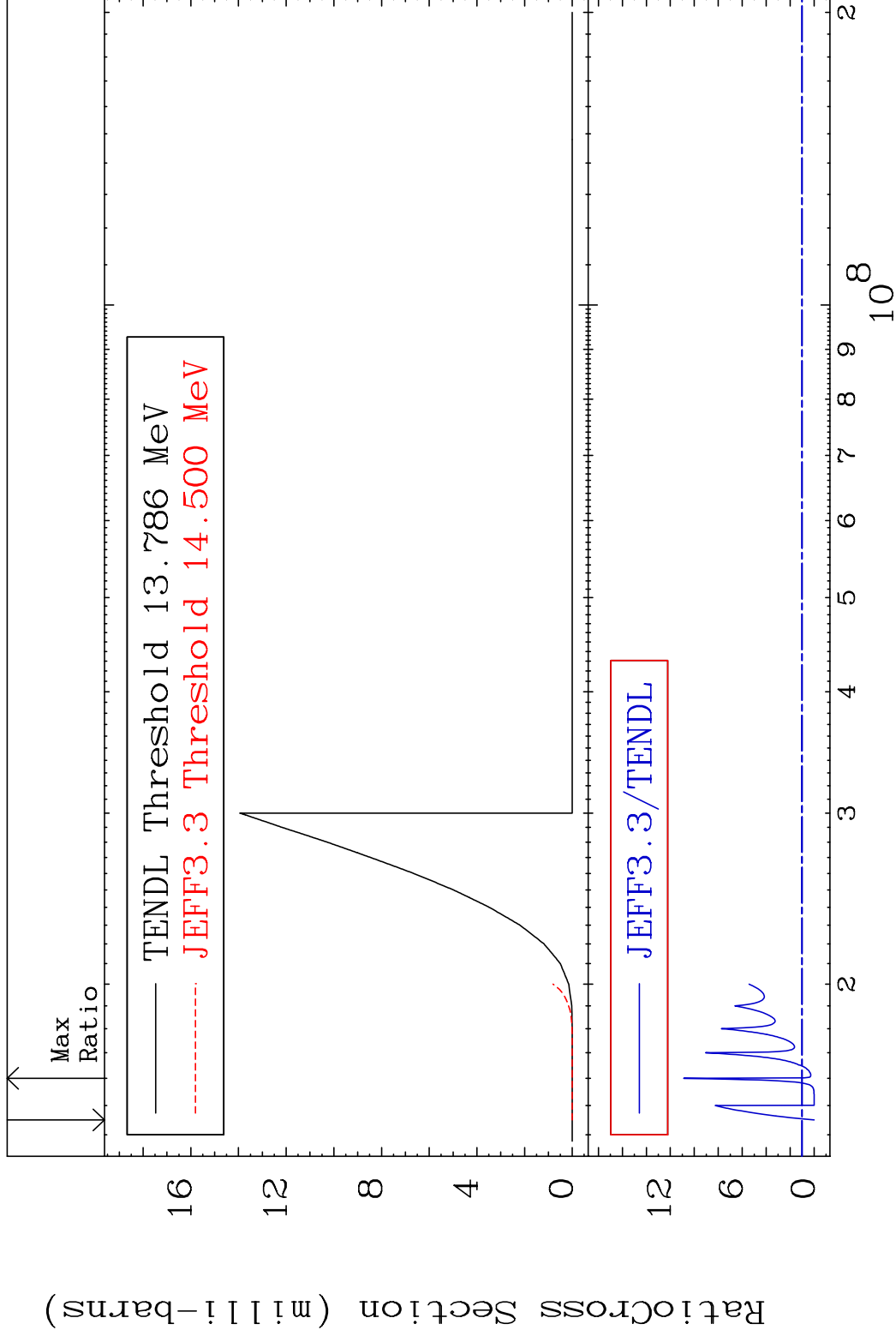
46-Pd-107

MAT 4640

(n, n') d

46-Pd-107

Cross Section -100.0 To 988.7 %

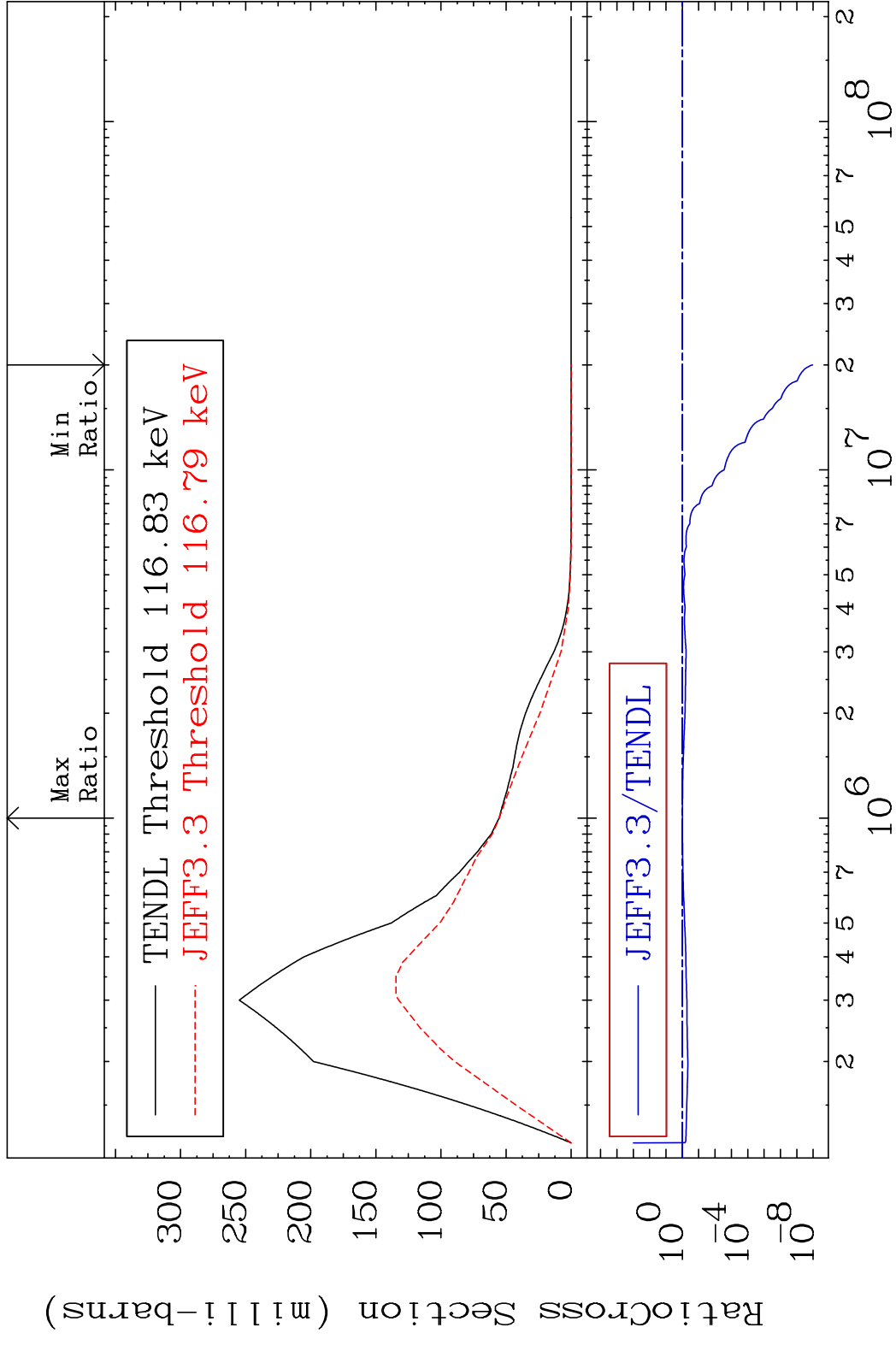


8

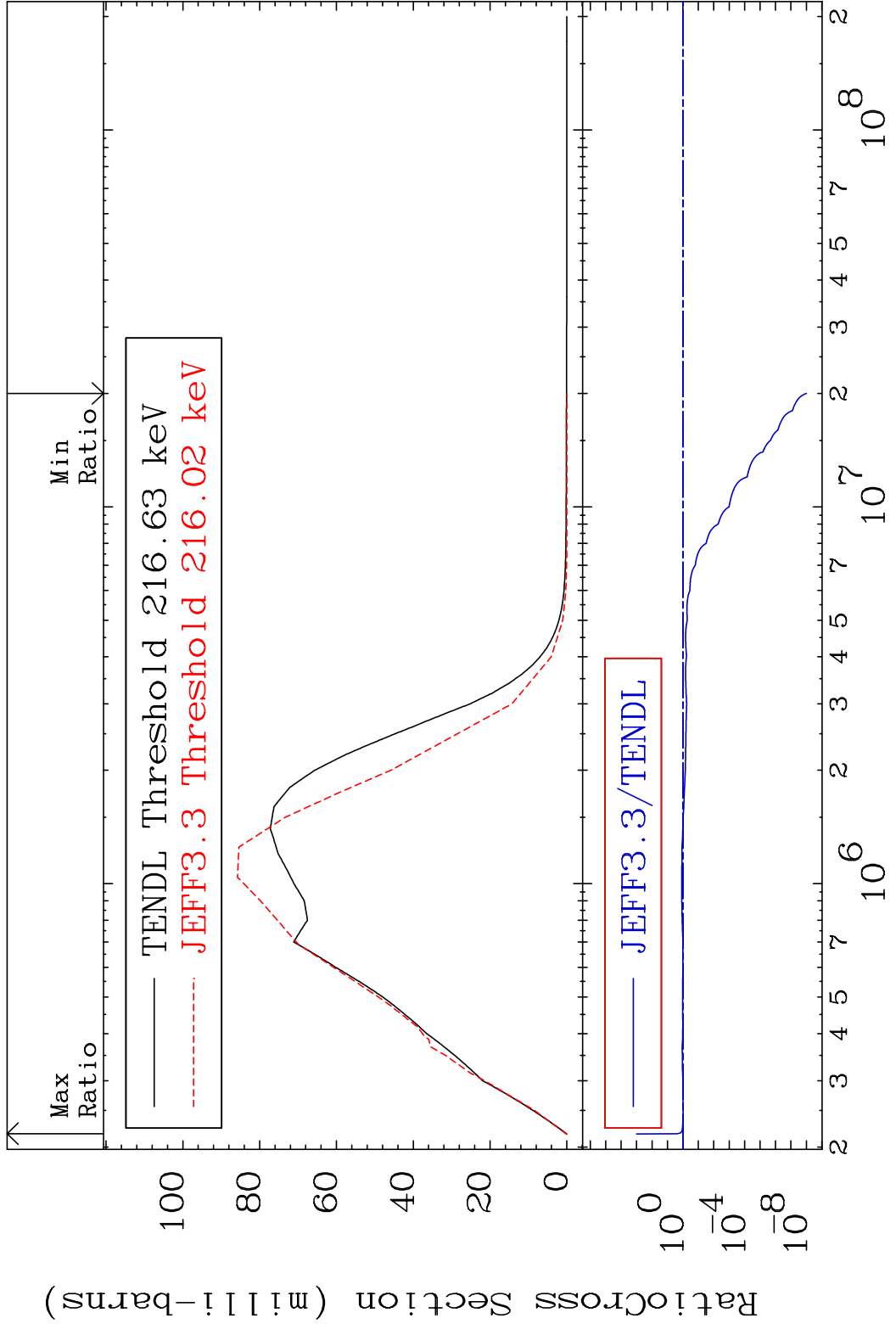
Incident Energy (eV)

46-Pd-107

MAT 4640 MT= 51 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -0.298%

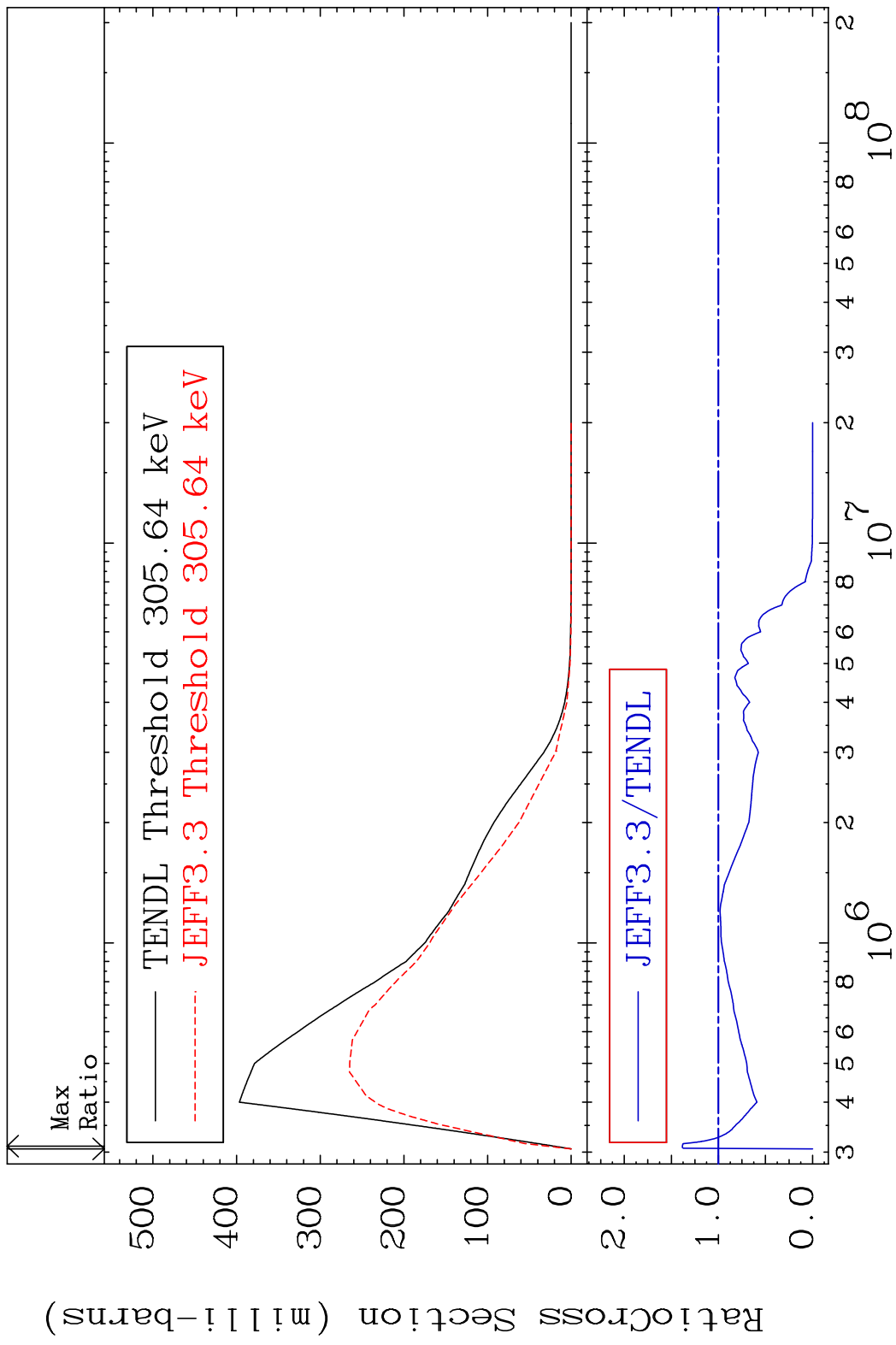


MAT 4640 MT= 52 (n, n') Level 46-Pd-107
 Cross Section -100.0 To 134.0 %

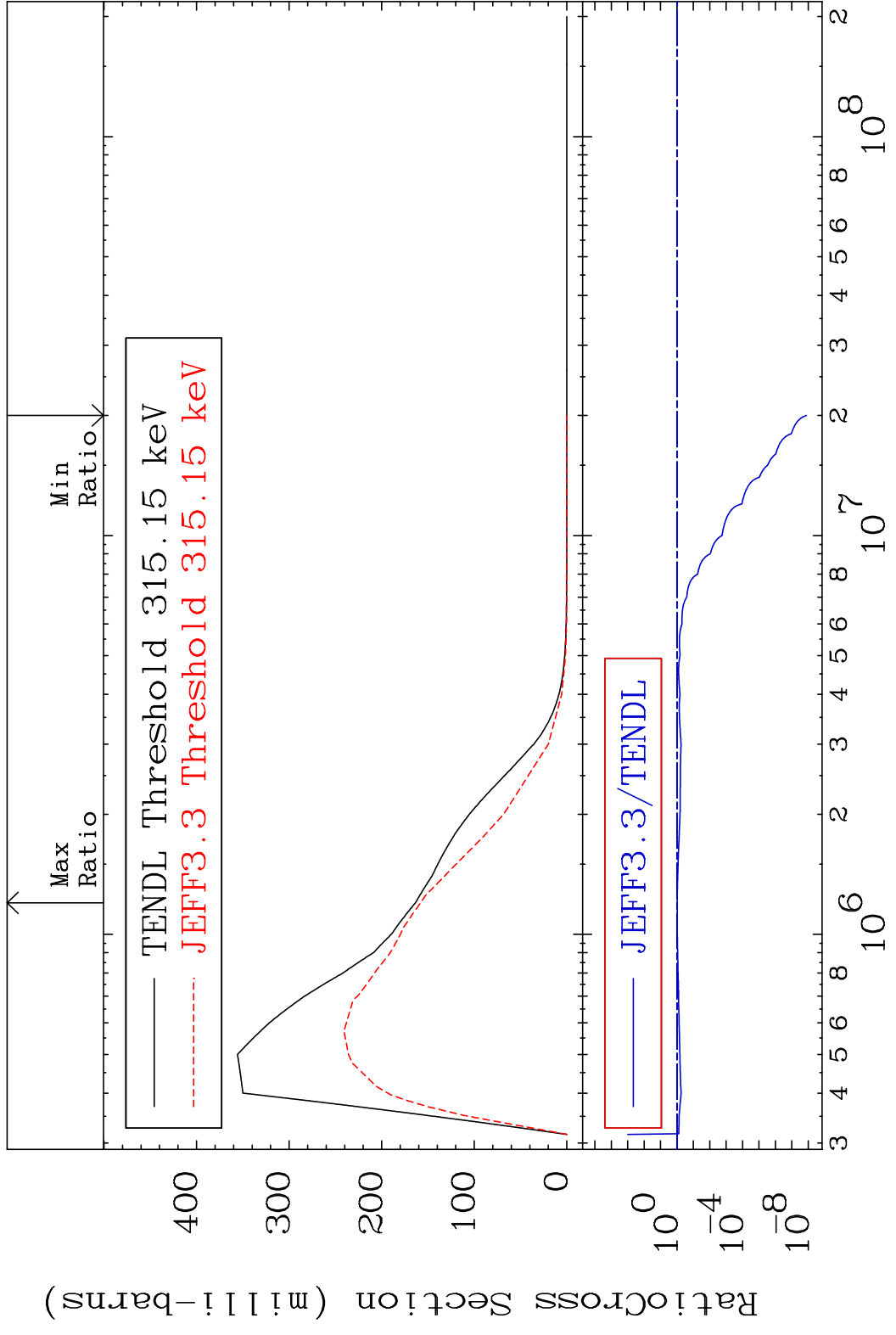


10 Incident Energy (eV) 46-Pd-107

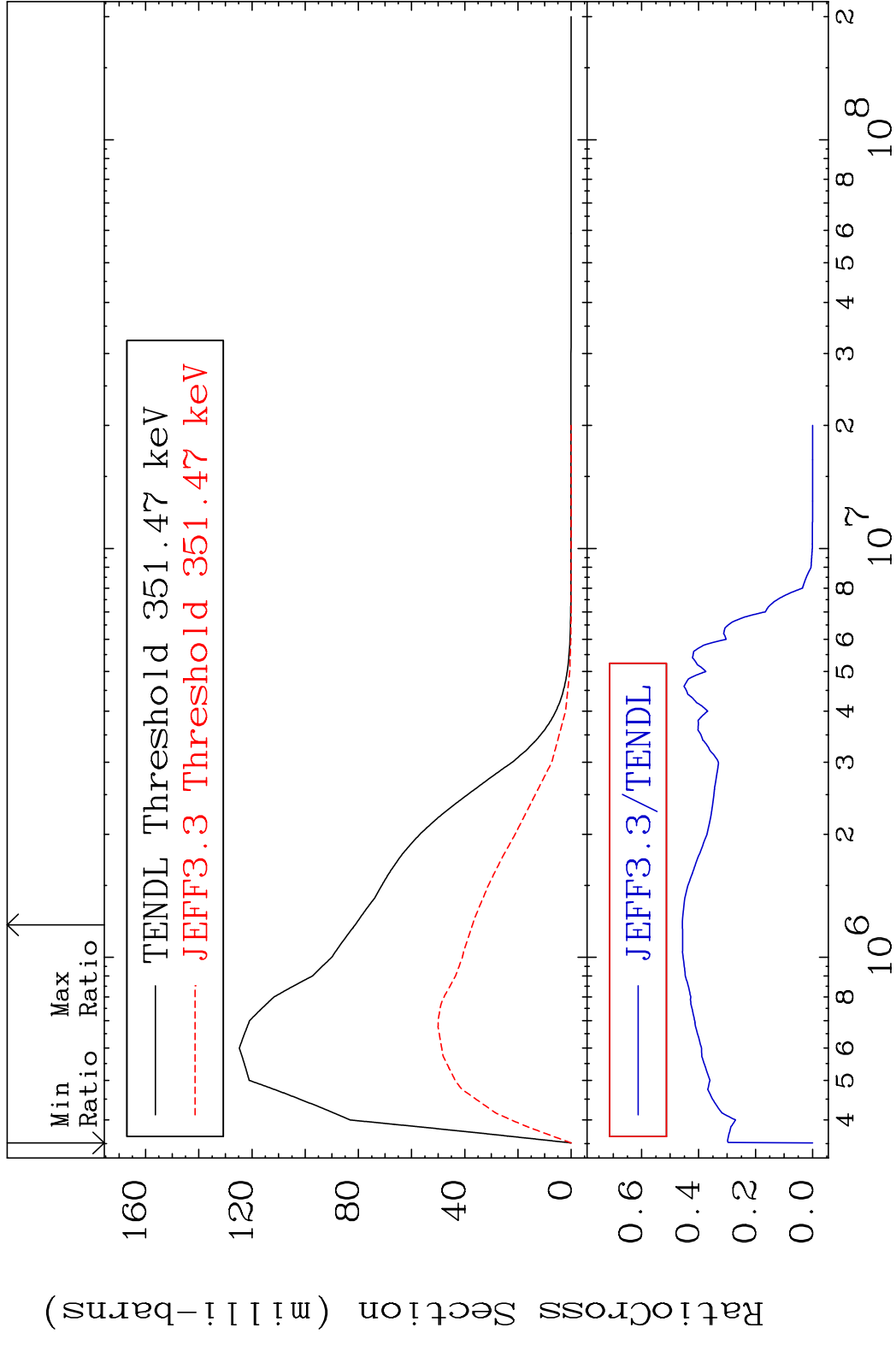
MAT 4640 MT= 53 (n, n') Level 46-Pd-107
 Cross Section -100.0 To 38.29 %



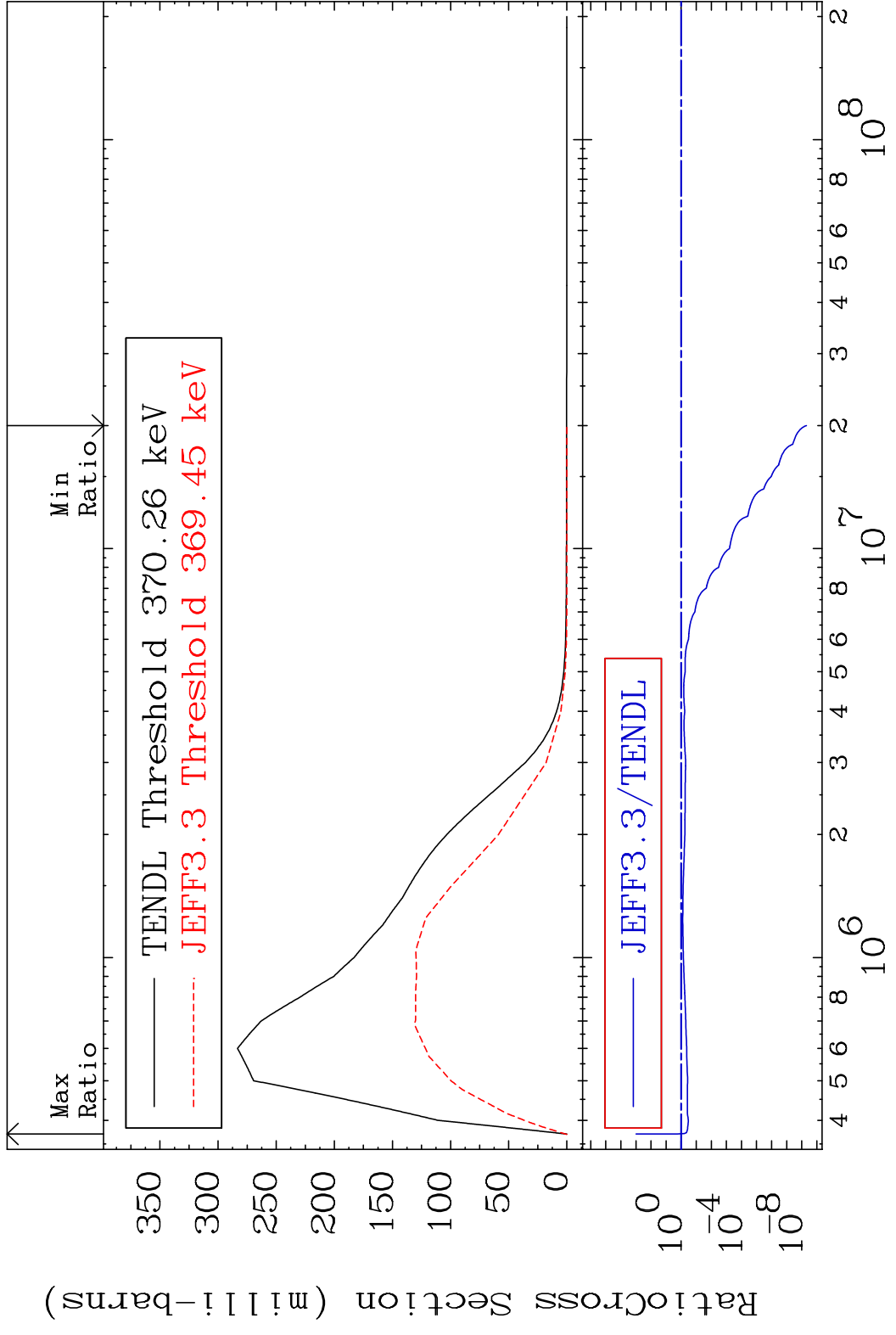
MAT 4640 MT= 54 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -3.327%



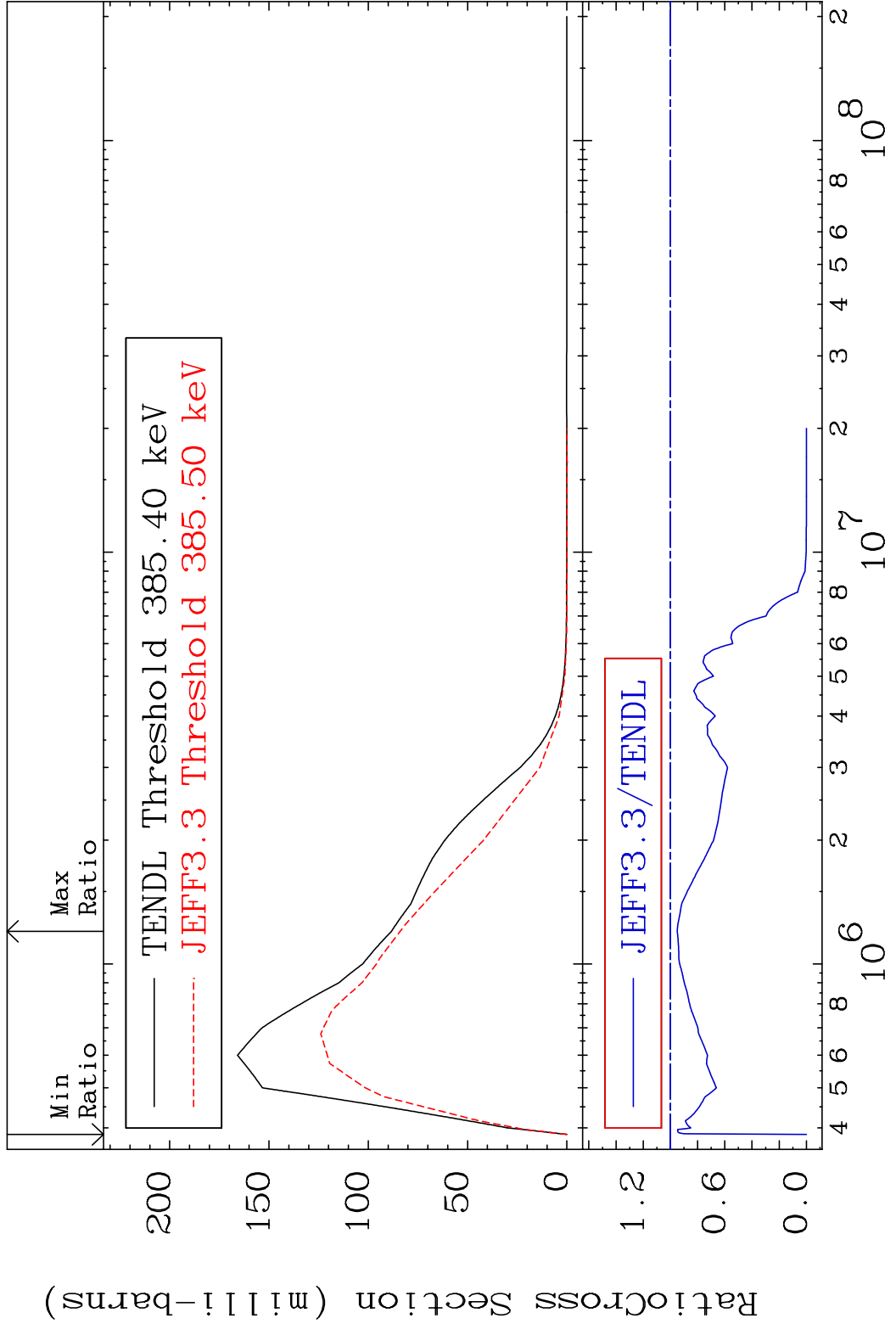
MAT 4640 MT= 55 (n,n') Level 46-Pd-107
 Cross Section -100.0 To -54.28%



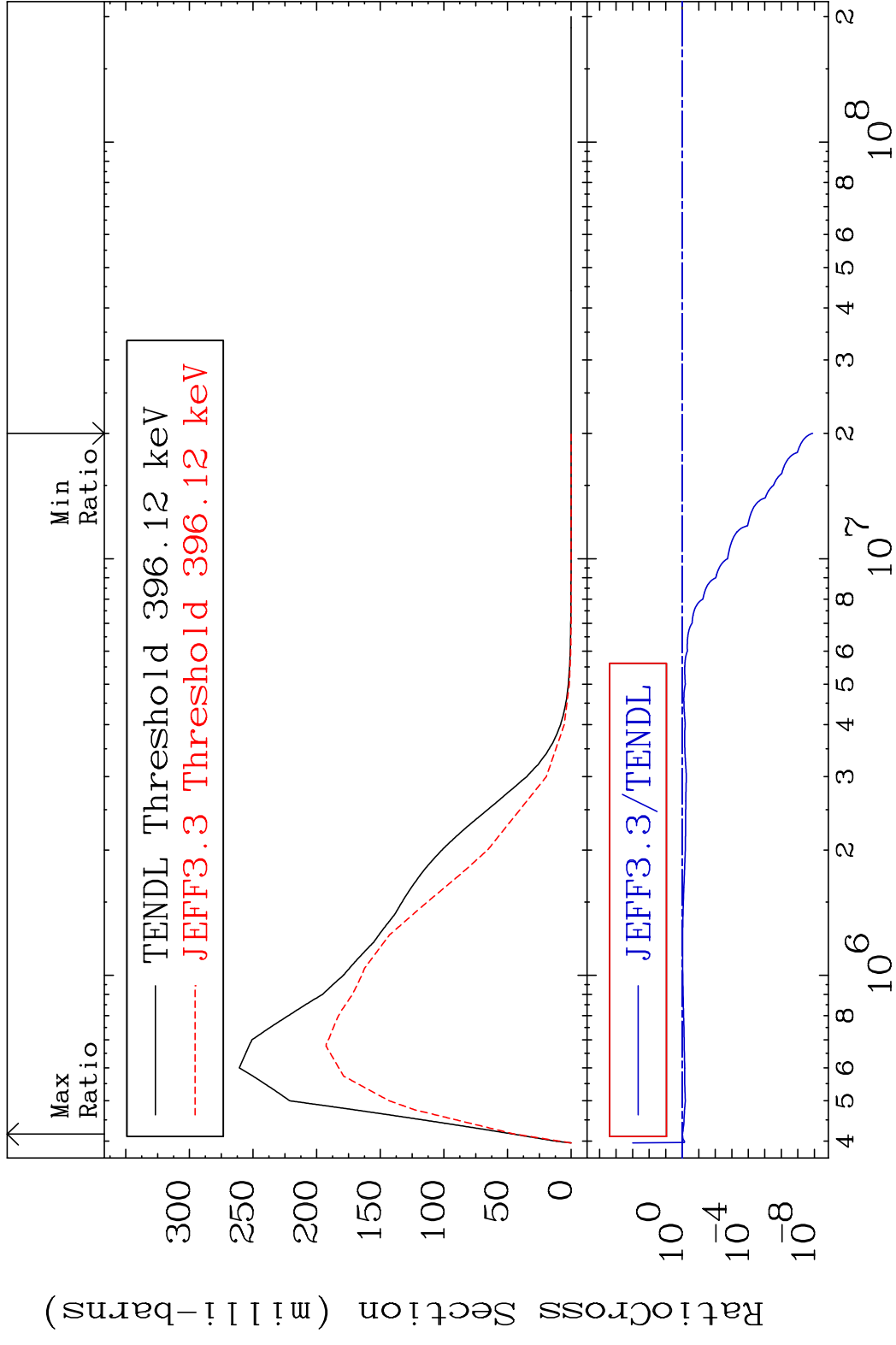
MAT 4640 MT= 56 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 83.27 %



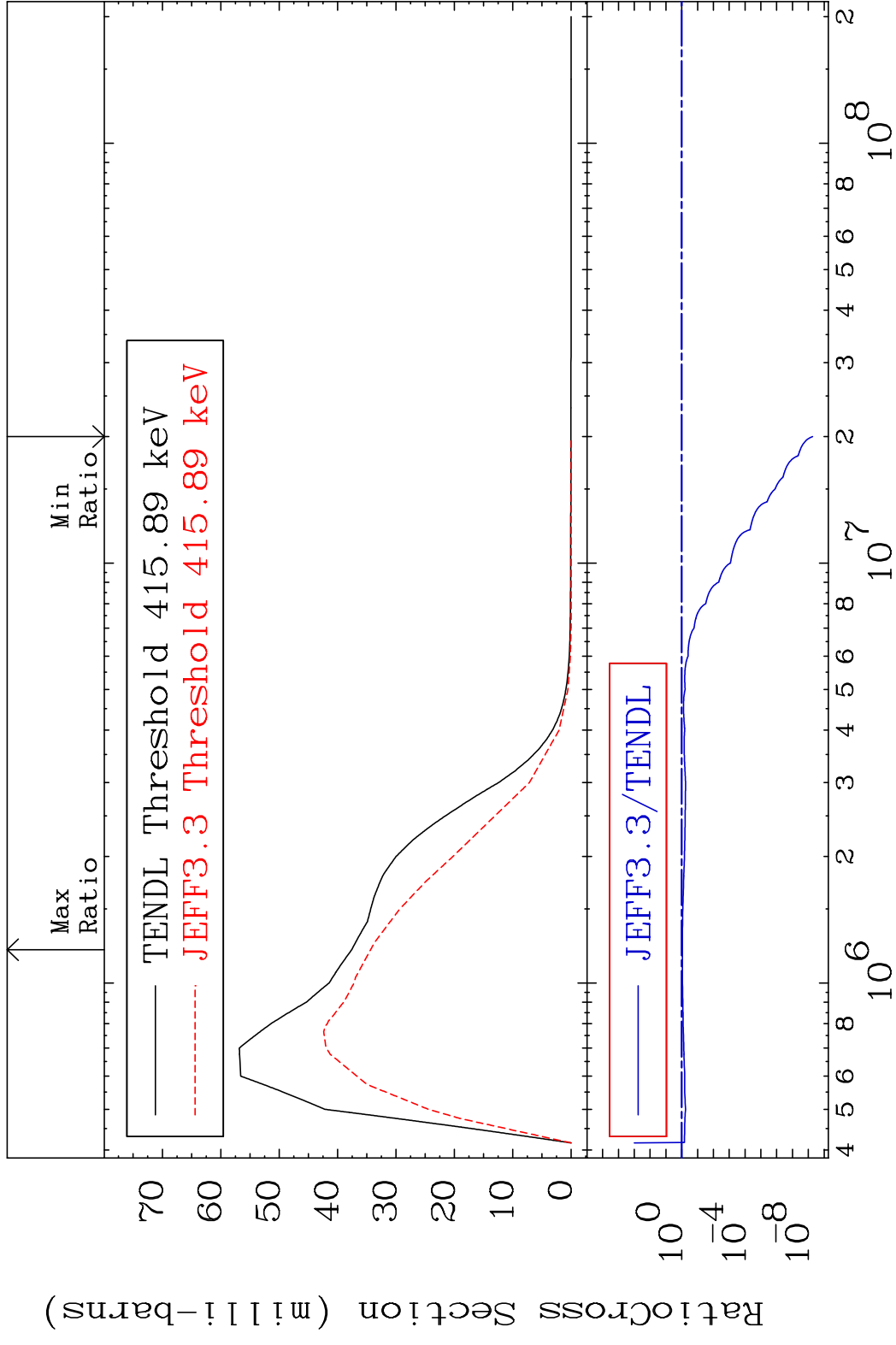
MAT 4640 MT= 57 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -4.979%



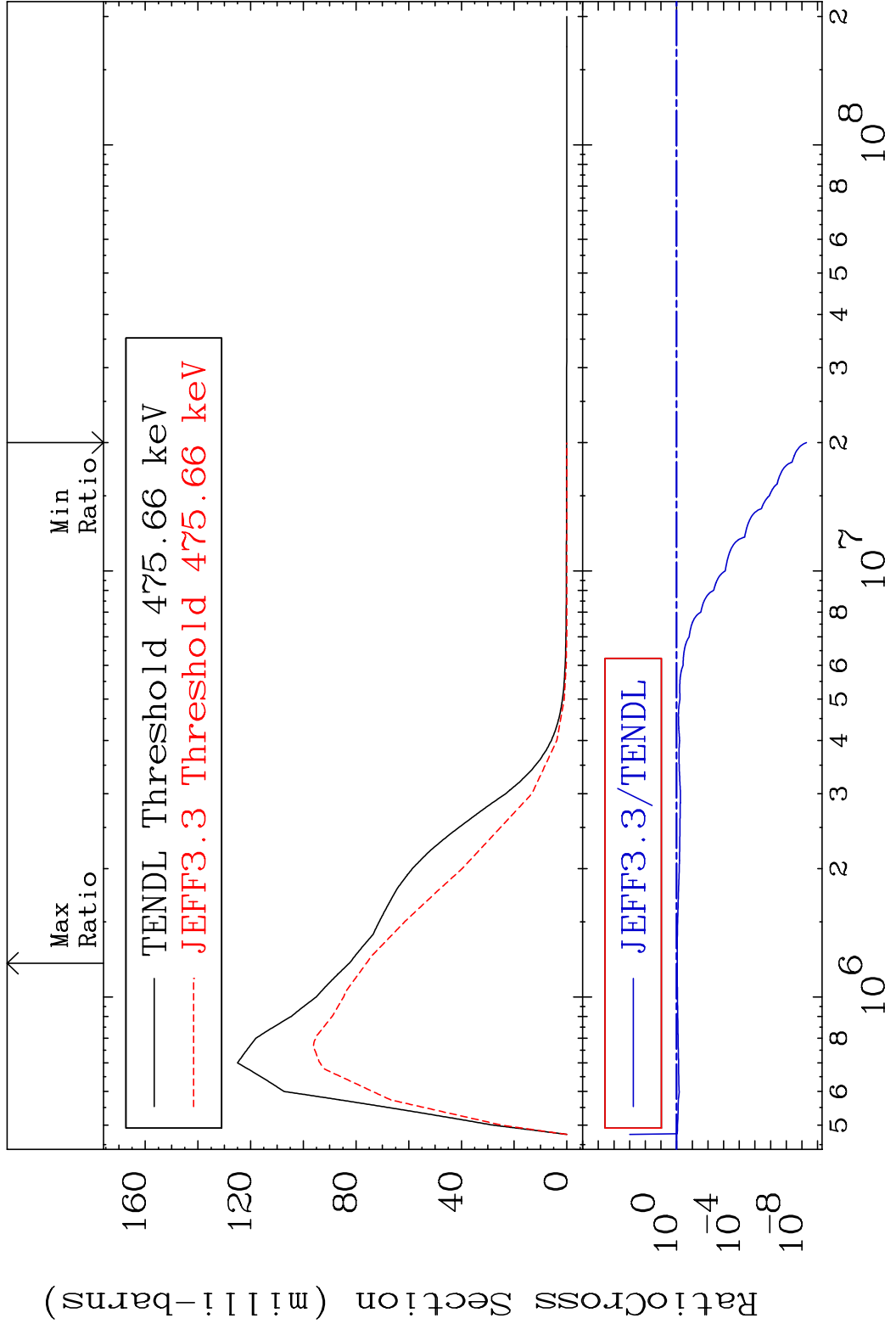
MAT 4640 MT= 58 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -2.393%



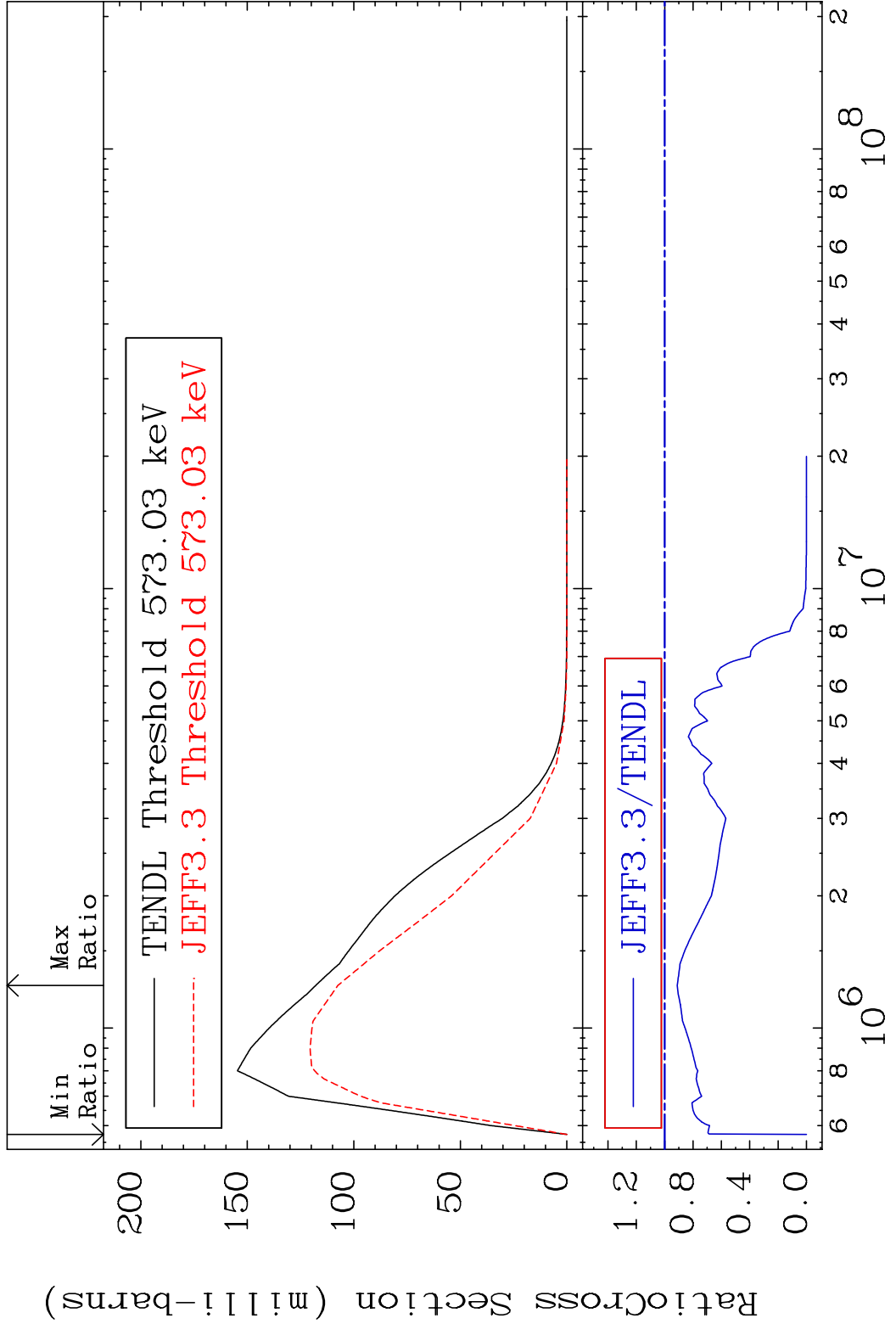
MAT 4640 MT= 59 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -8.615%



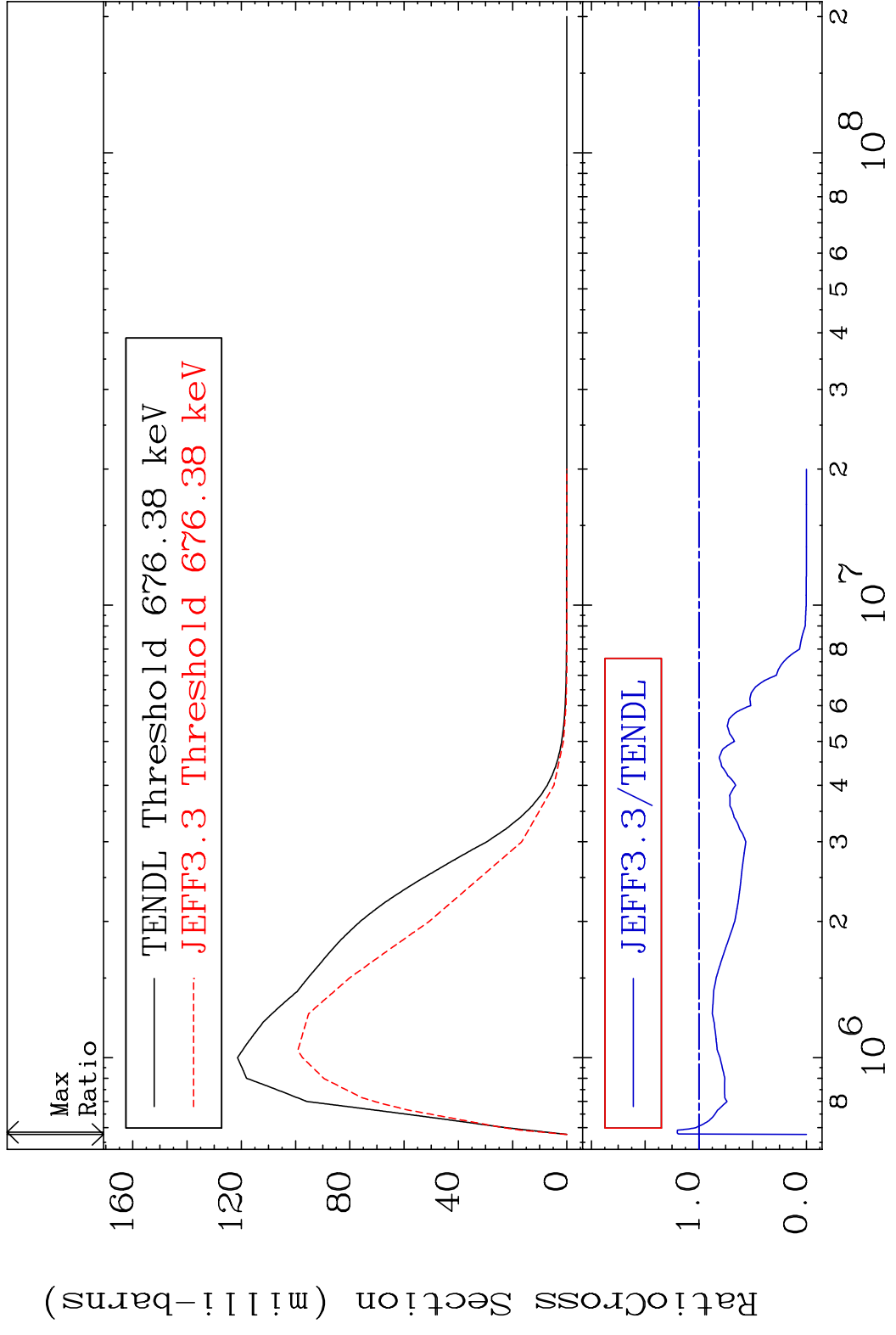
MAT 4640 MT= 60 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -7.843%



MAT 4640 MT= 61 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -8.833%

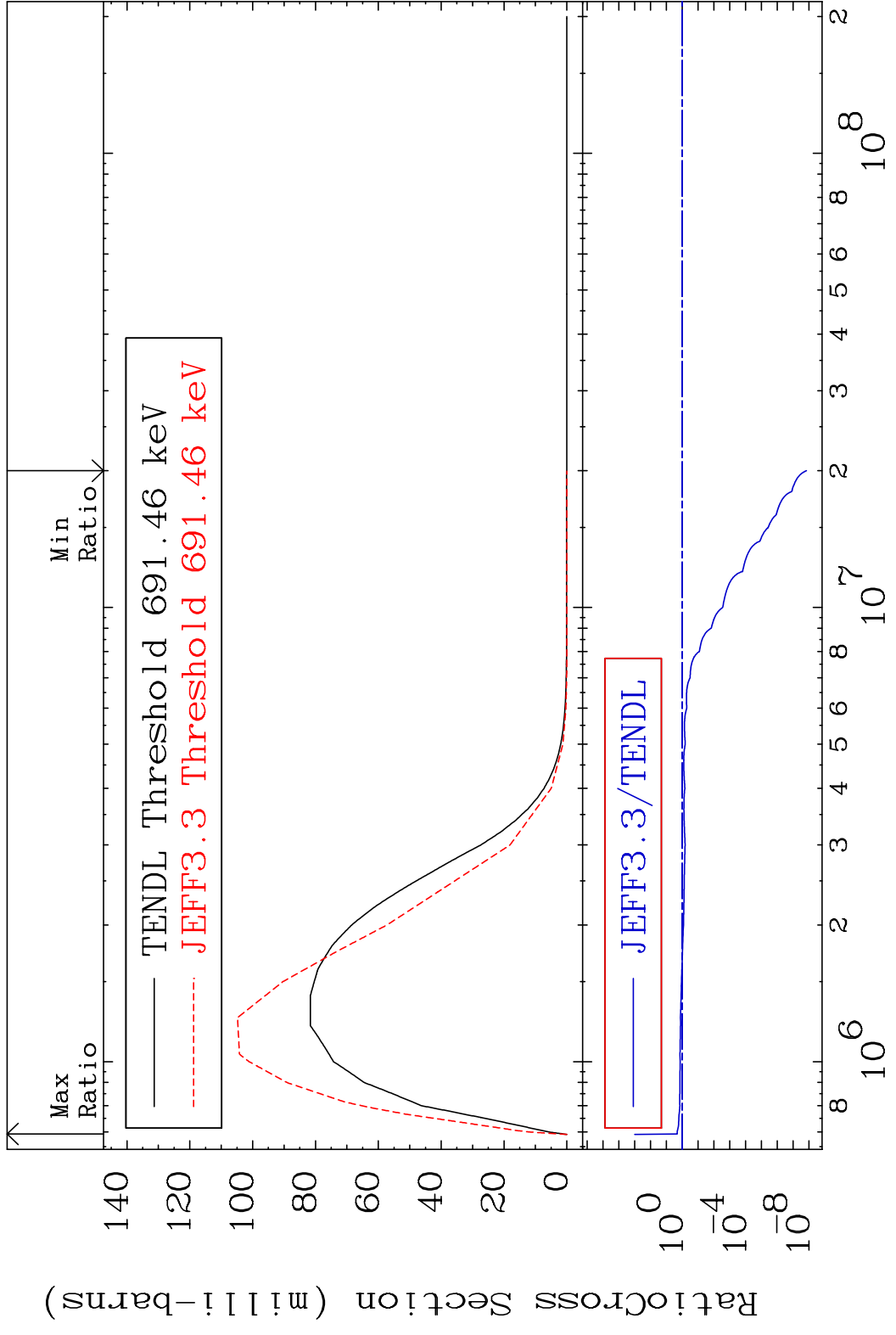


MAT 4640 MT= 62 (n, n') Level 46-Pd-107
 Cross Section -100.0 To 20.18 %

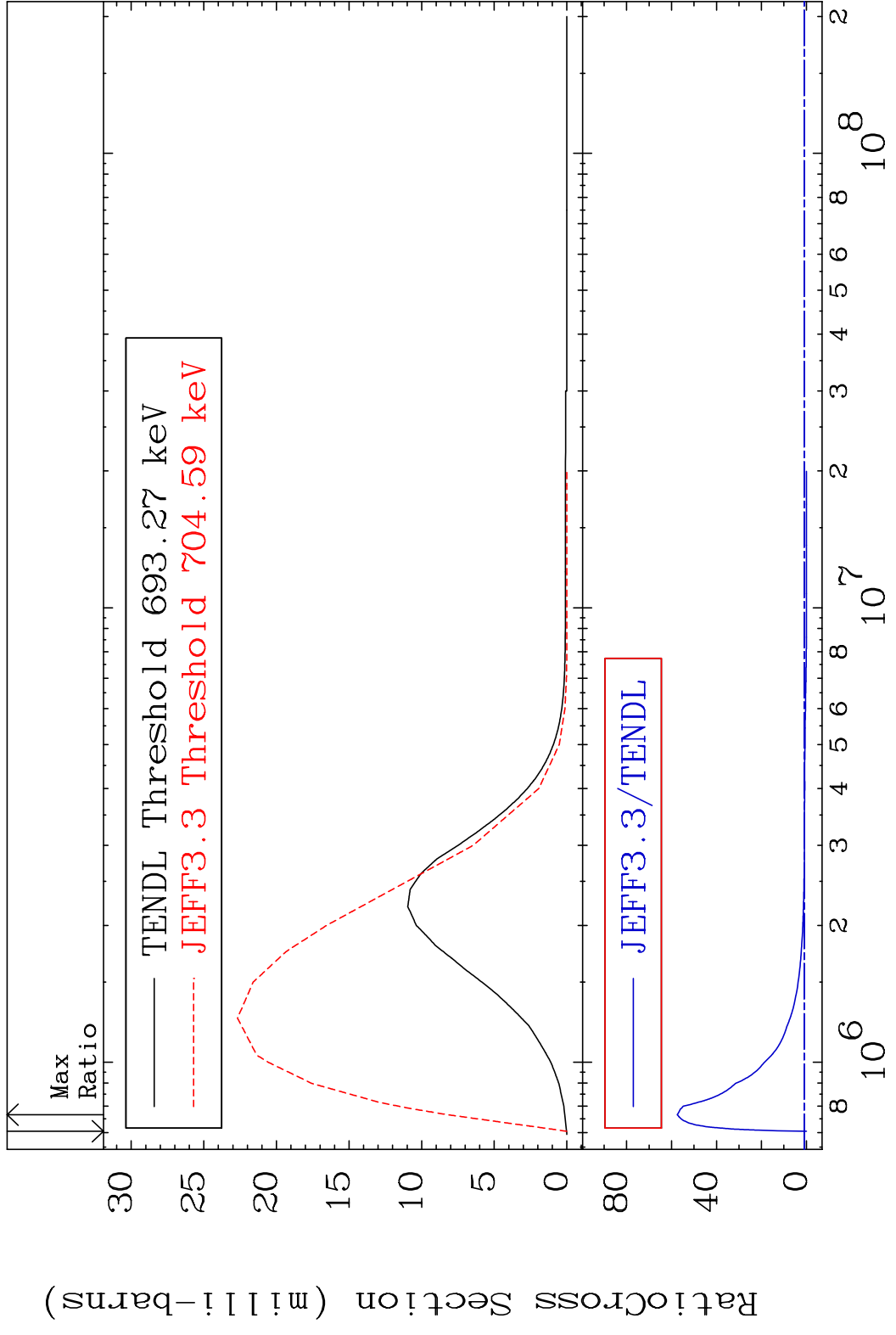


20 Incident Energy (eV) 46-Pd-107

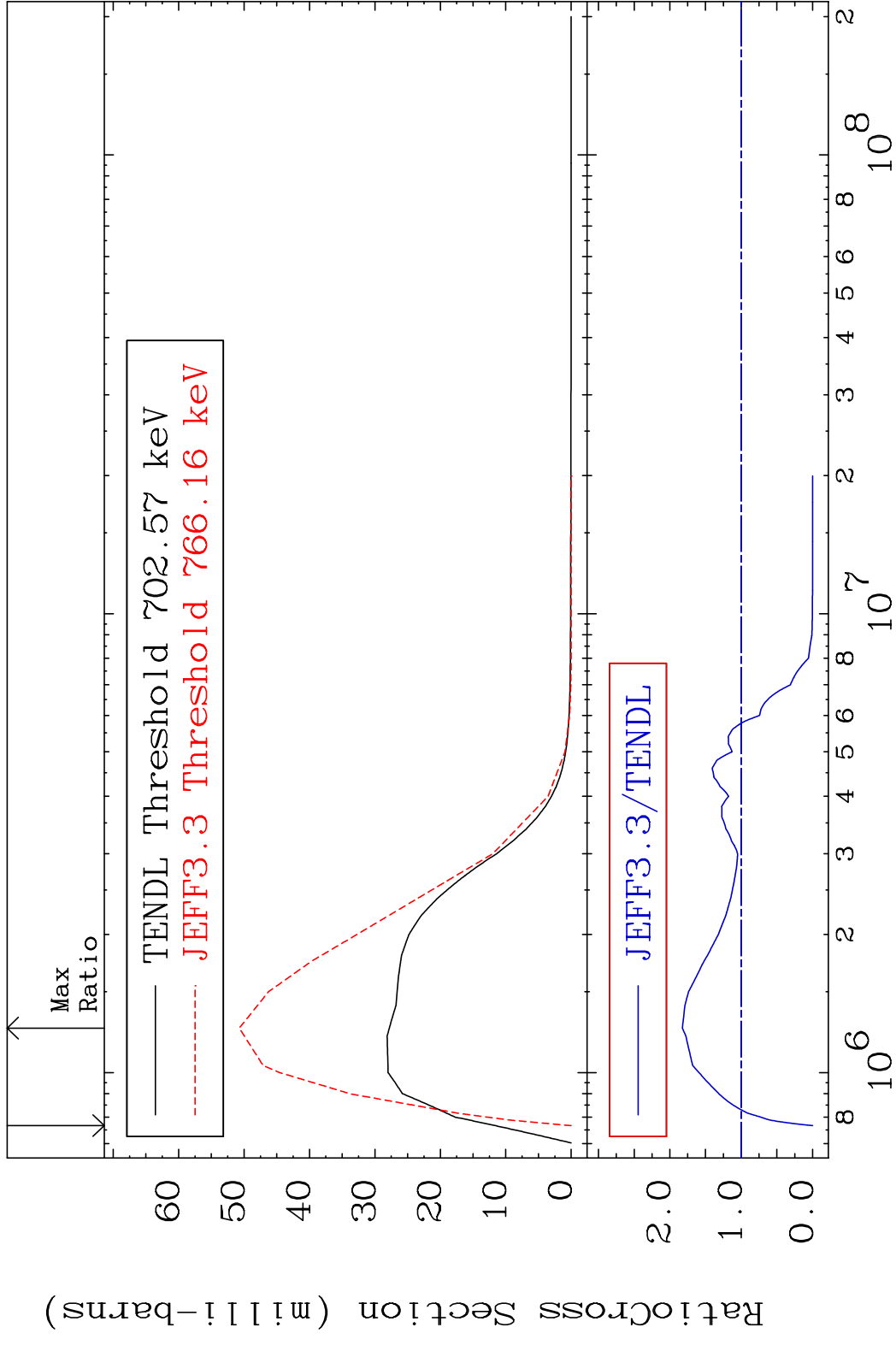
MAT 4640 MT= 63 (n, n') Level 46-Pd-107
 Cross Section -100.0 To 107.9 %



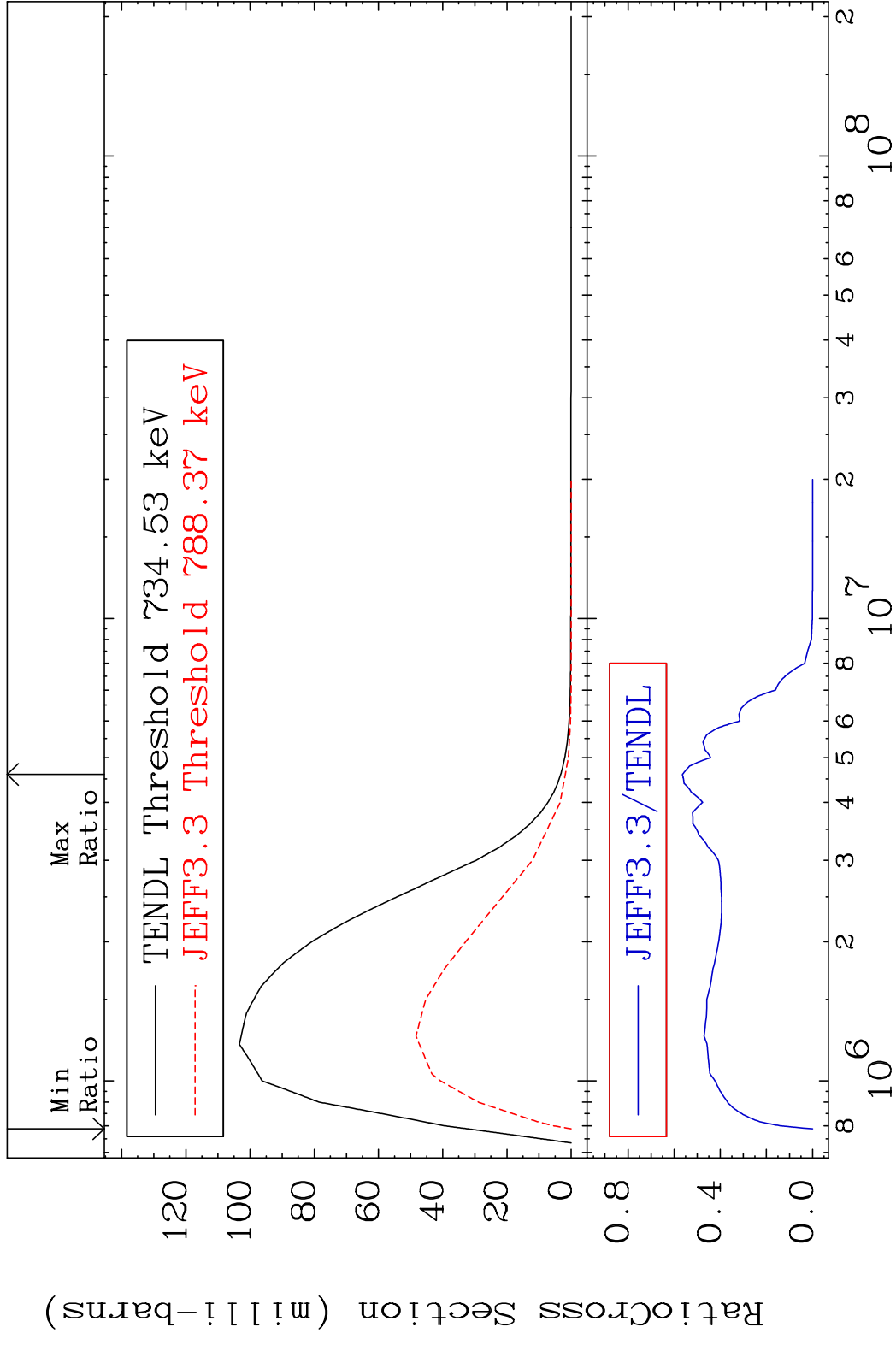
MAT 4640 MT= 64 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 5649. %



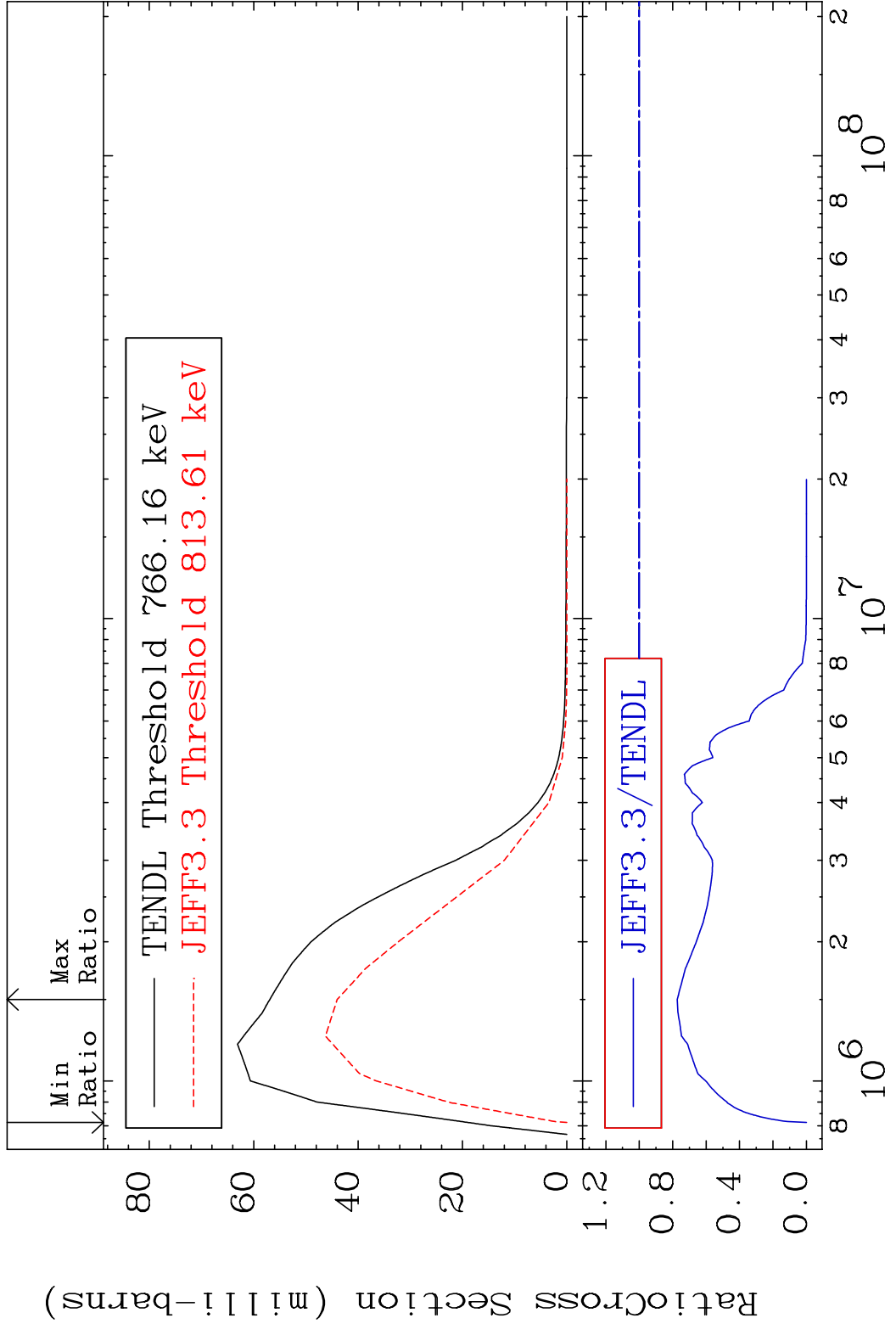
MAT 4640 MT= 65 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 82.49 %



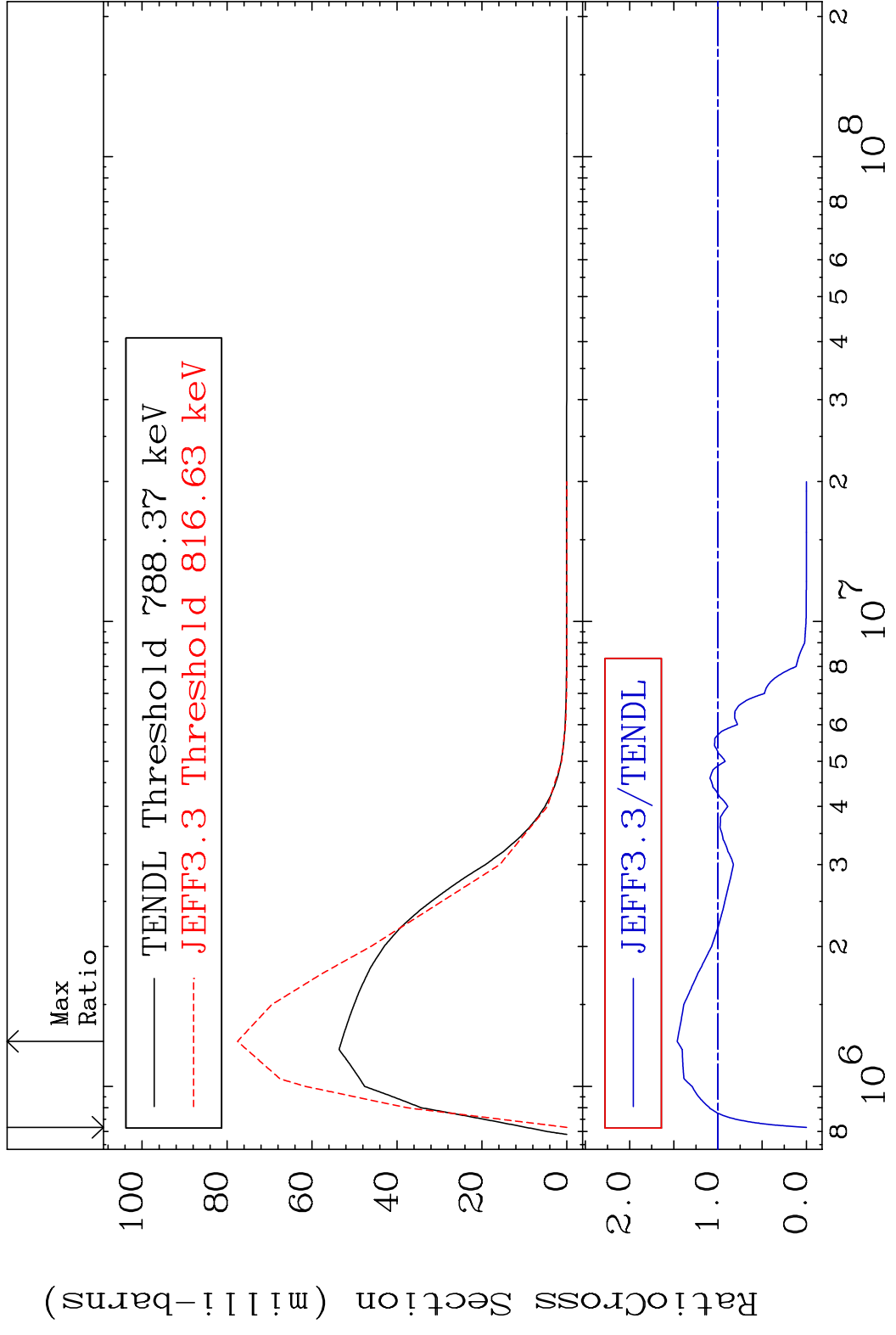
MAT 4640 MT= 66 (n,n') Level 46-Pd-107
 Cross Section -100.0 To -43.55%



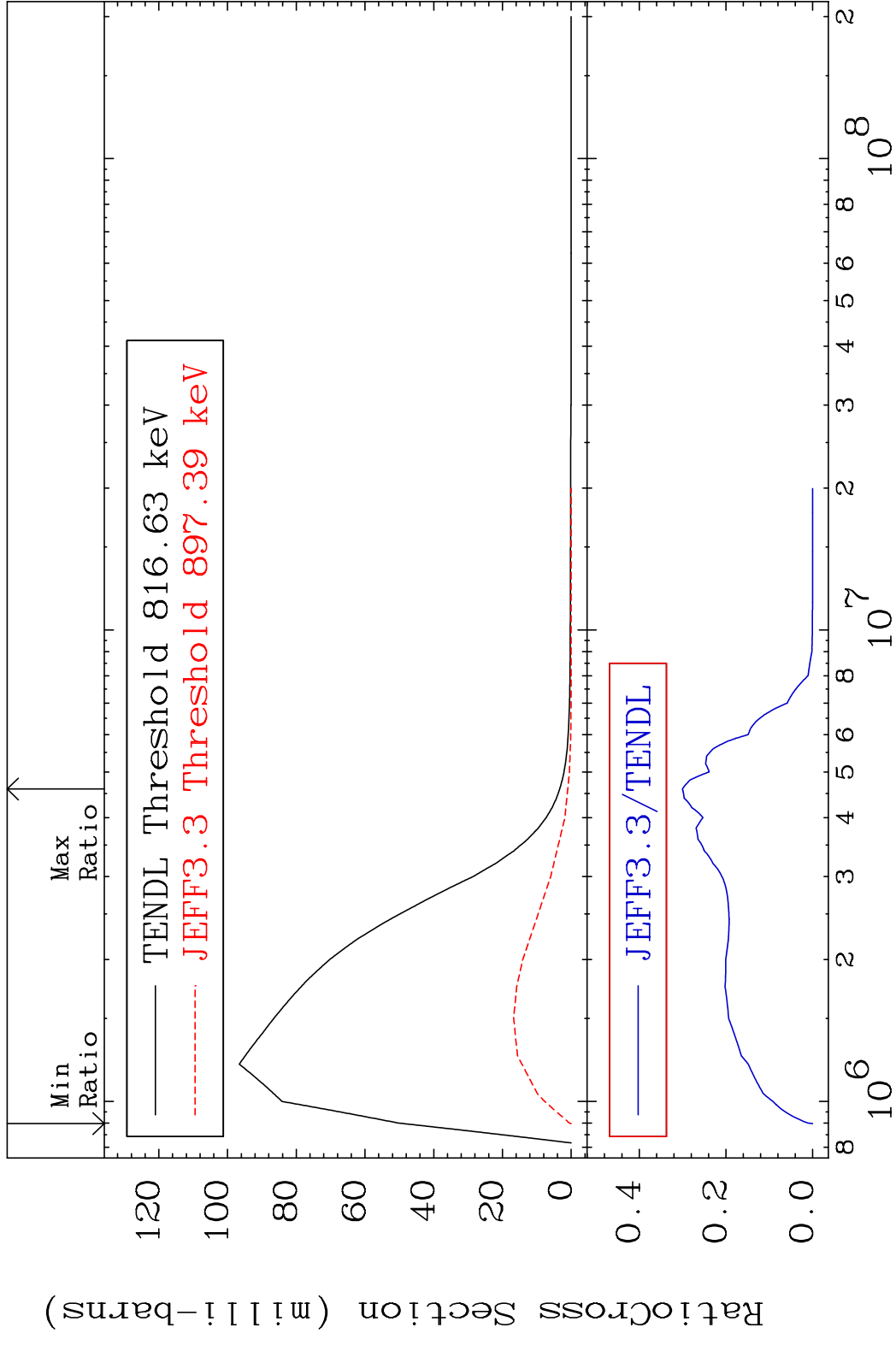
MAT 4640 MT= 67 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -22.69%



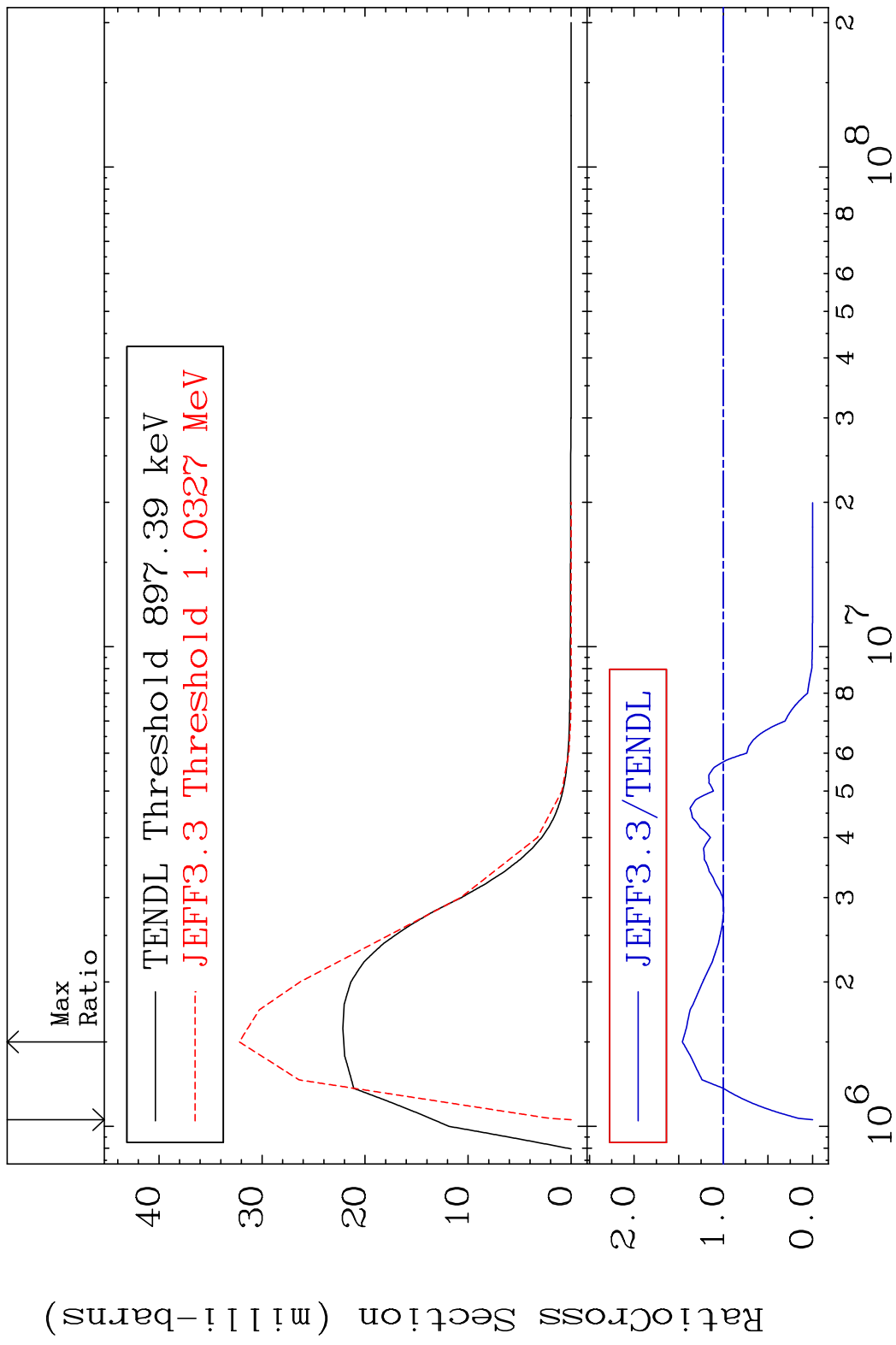
MAT 4640 MT= 68 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 46.18 %



MAT 4640 MT= 69 (n, n') Level 46-Pd-107
 Cross Section -100.0 To -69.96%



MAT 4640 MT= 70 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 45.92 %



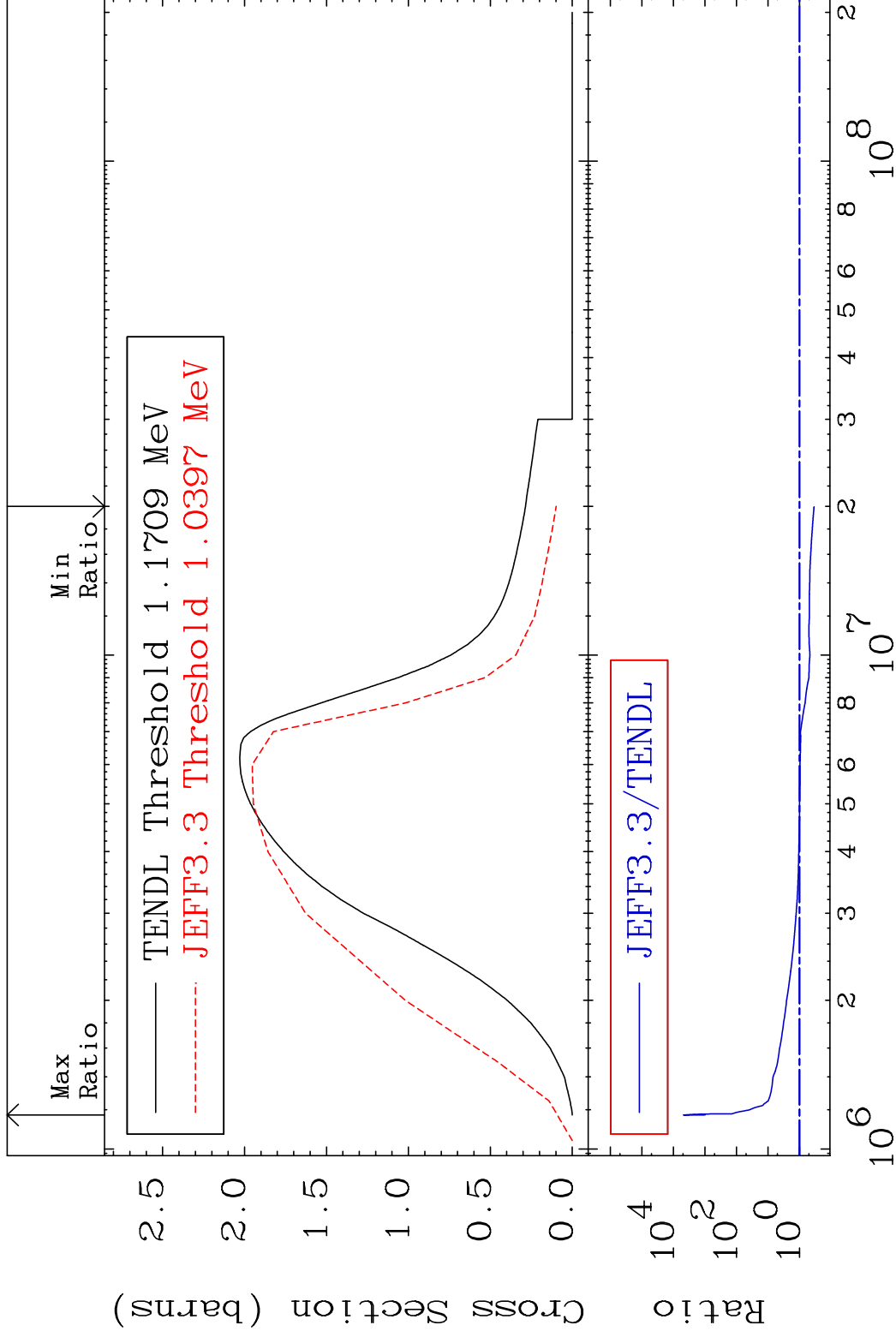
MAT 4640

(n, n') Continuum

46-Pd-107

Cross Section

-65.63 To 9999. %



29

Incident Energy (eV)

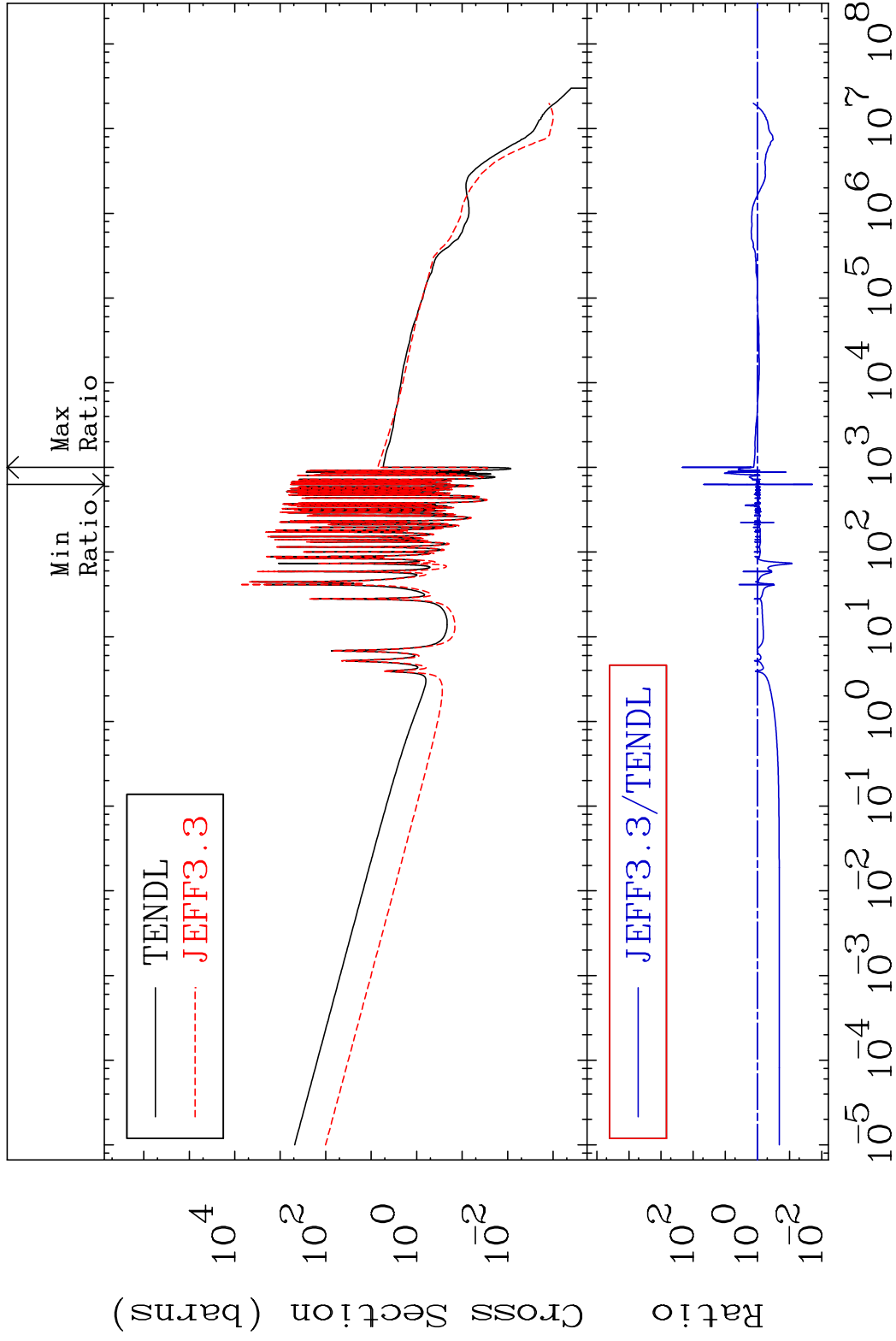
46-Pd-107

MAT 4640

(n, γ)

46-Pd-107

Cross Section -98.07 To 9999. %

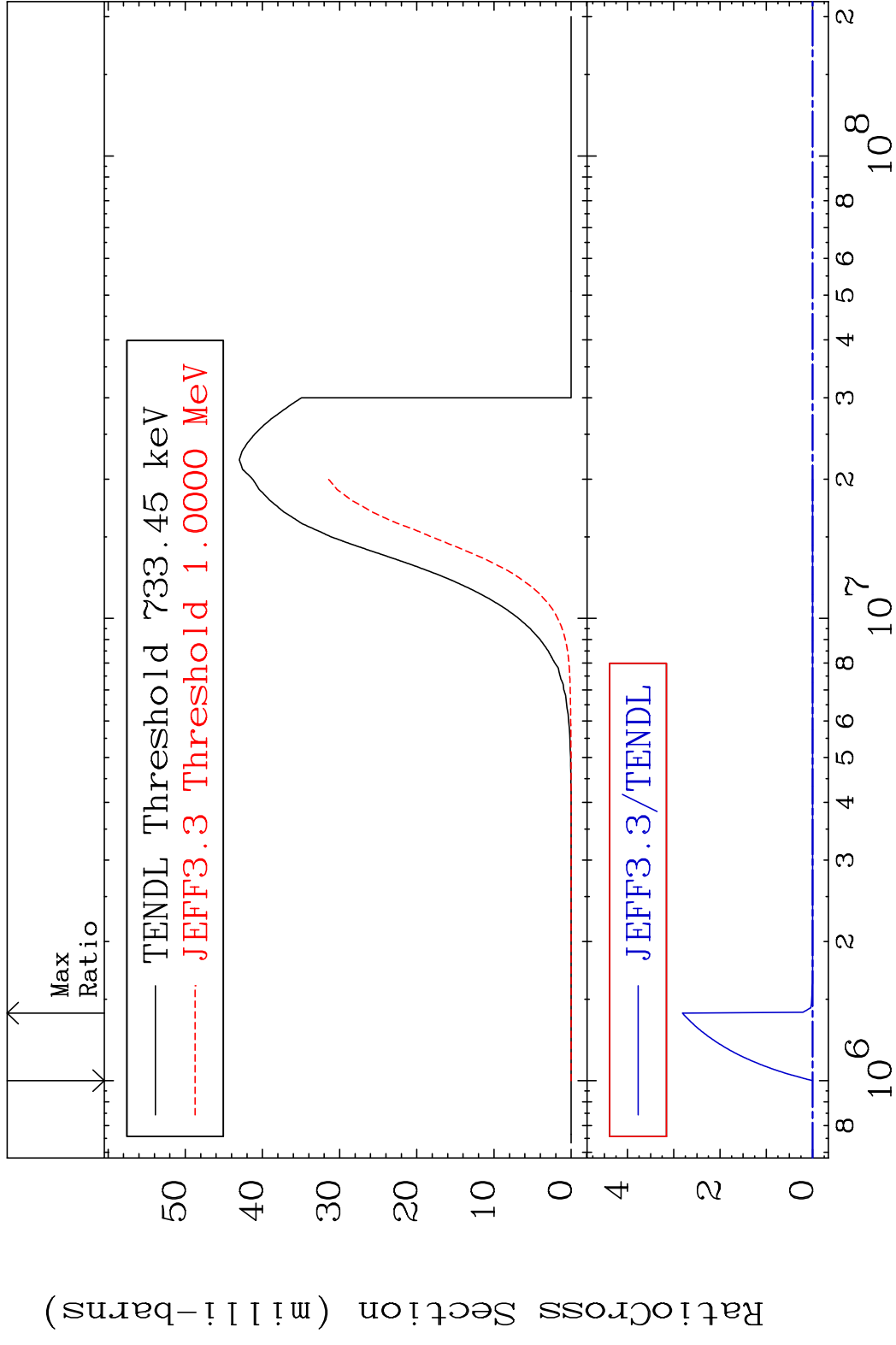


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Incident Energy (eV)

46-Pd-107

MAT 4640 (n,p) 46-Pd-107
 Cross Section -100.0 To 9999. %

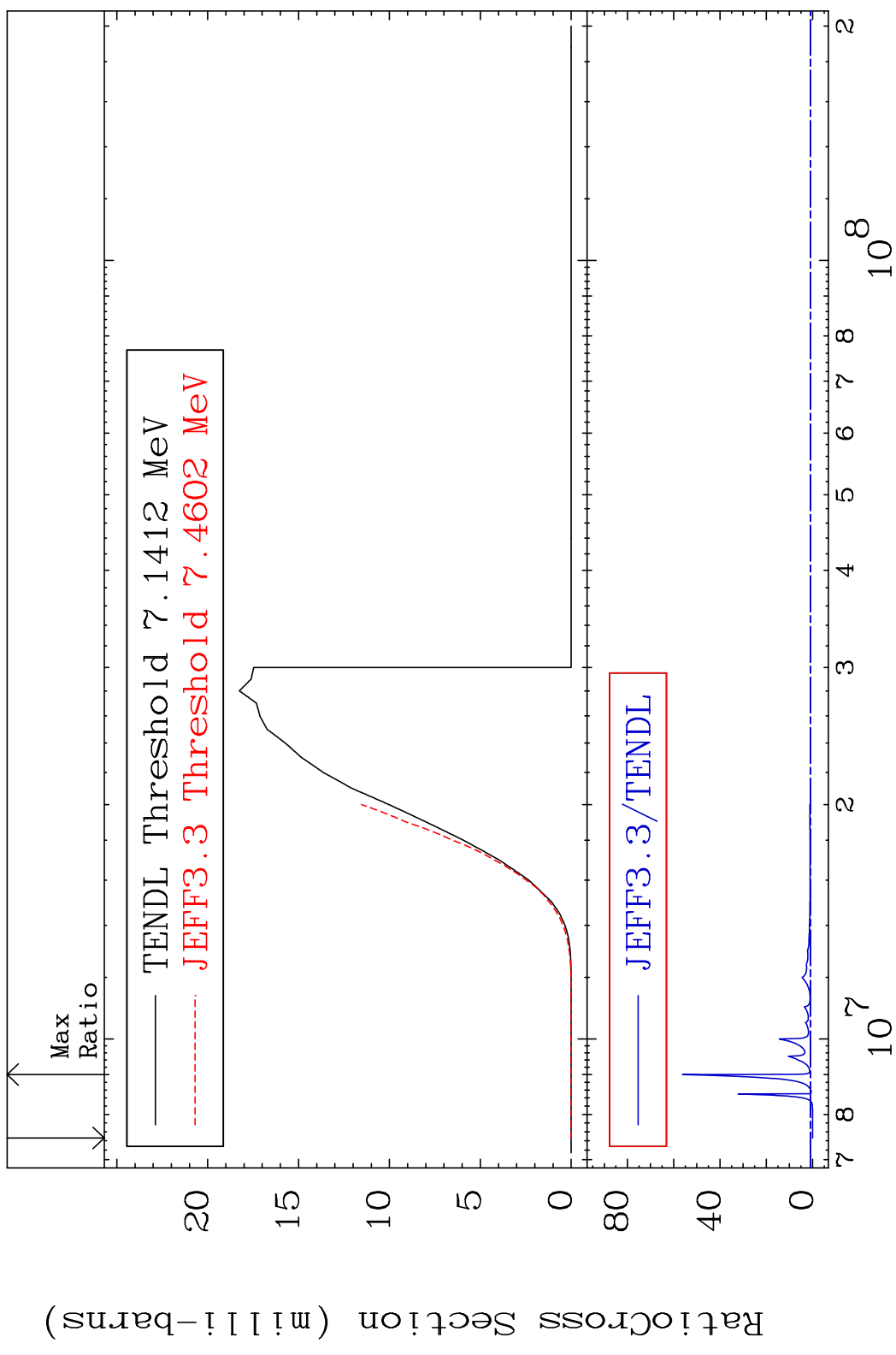


MAT 4640

(n, d)

46-Pd-107

Cross Section -100.0 To 5526. %

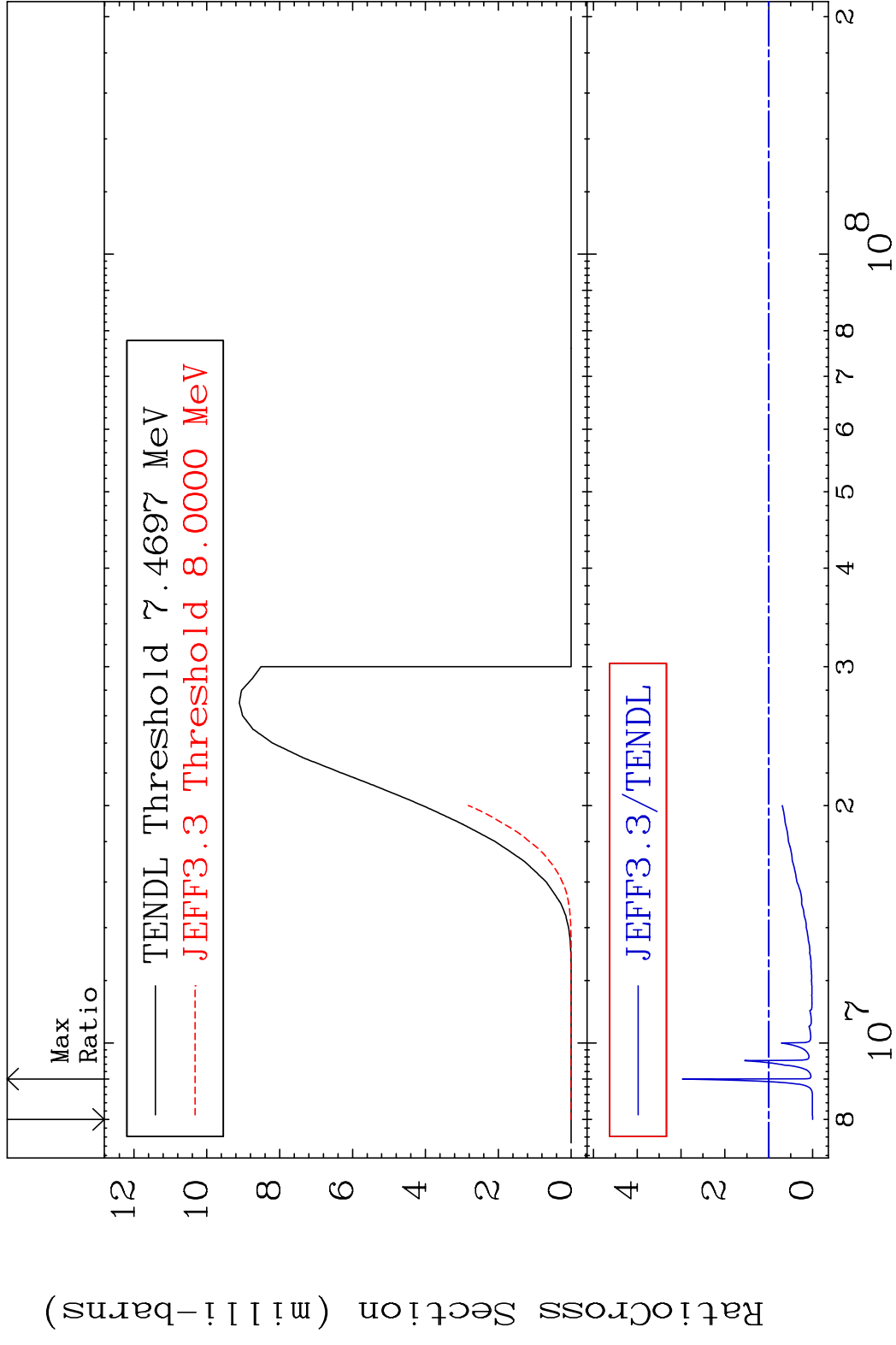


32

Incident Energy (eV)

46-Pd-107

MAT 4640 (n, t) 46-Pd-107
 Cross Section -100.0 To 197.1 %

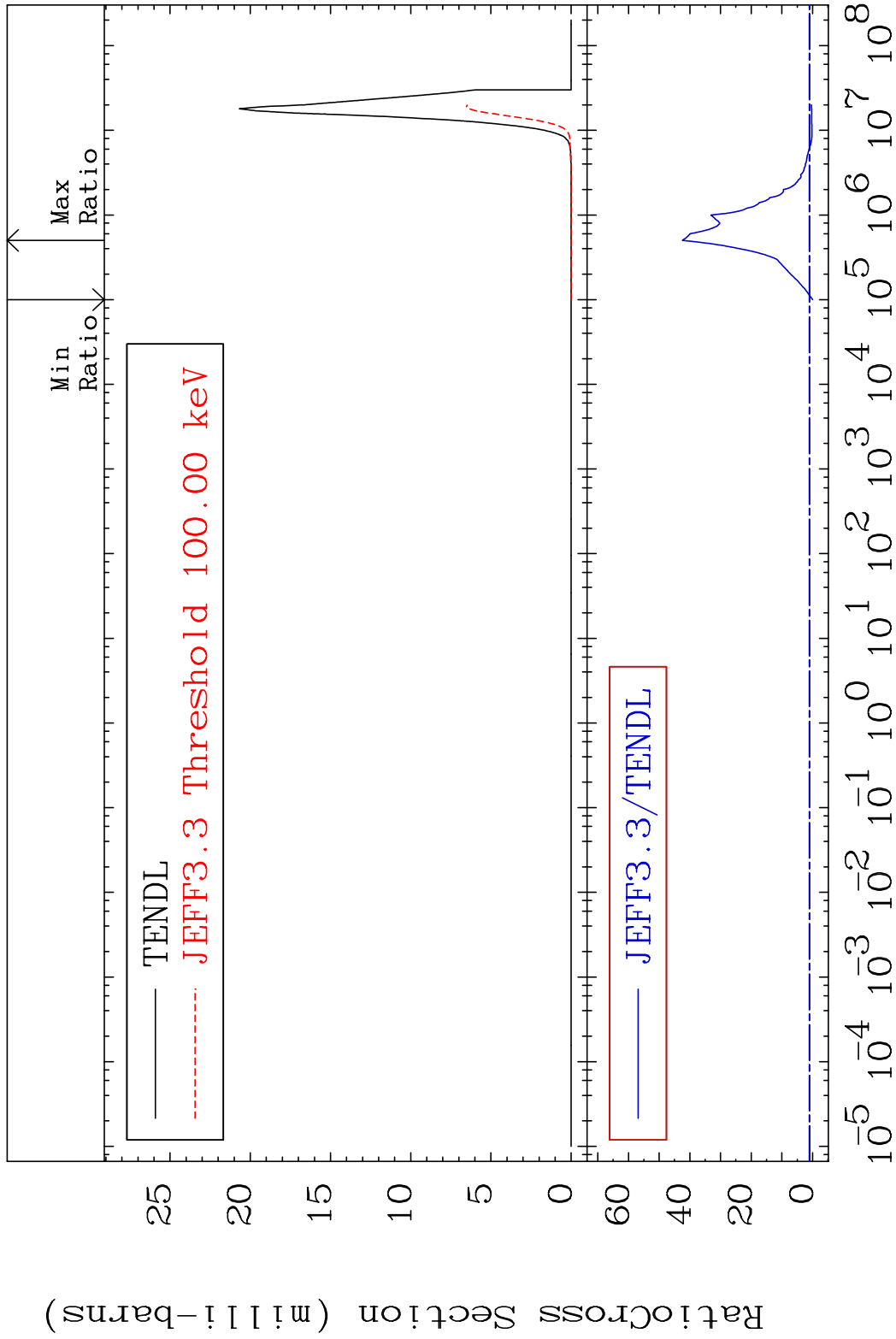


MAT 4640

(n, α)

46-Pd-107

Cross Section -100.0 To 4144. %

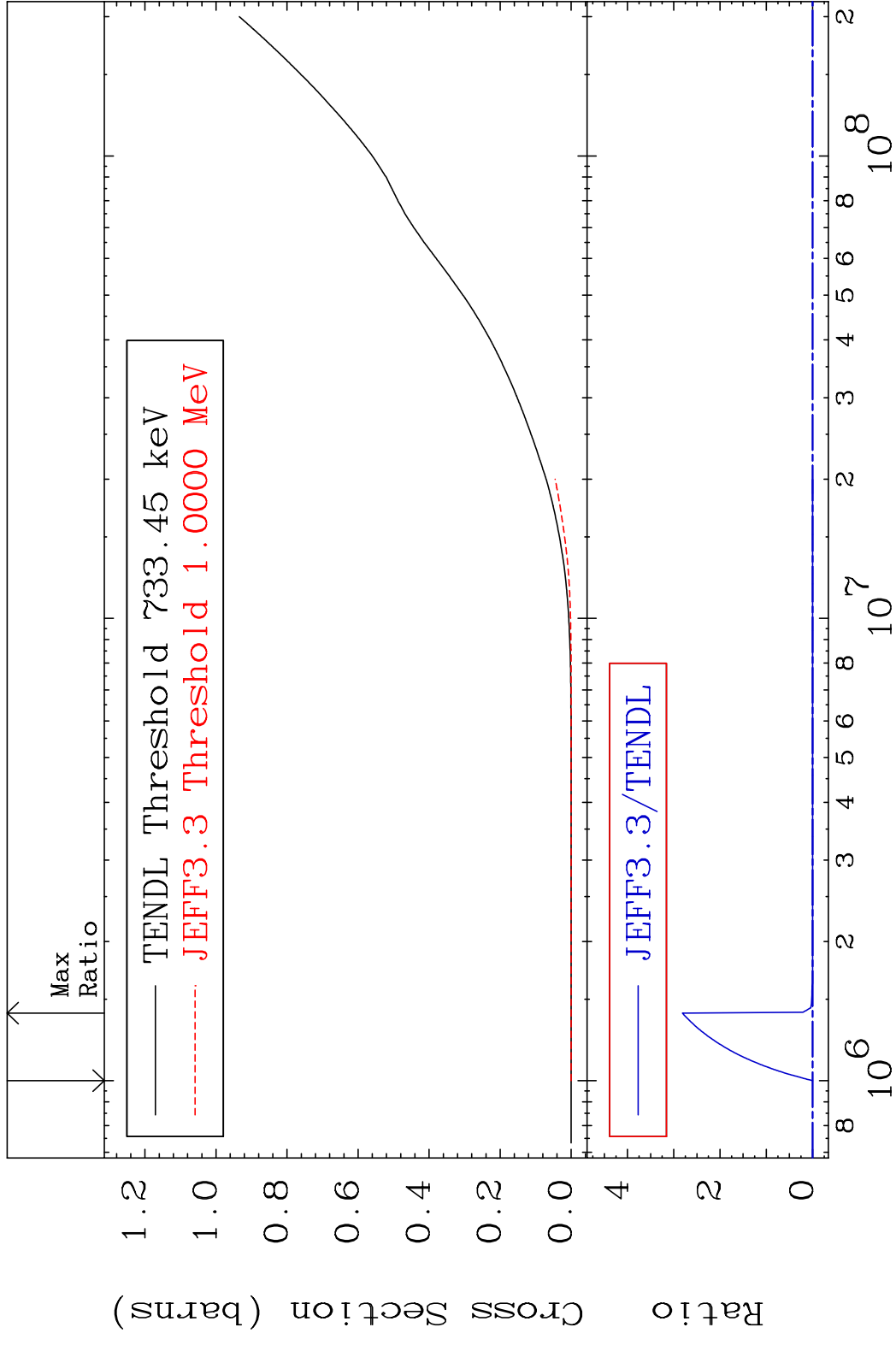


34

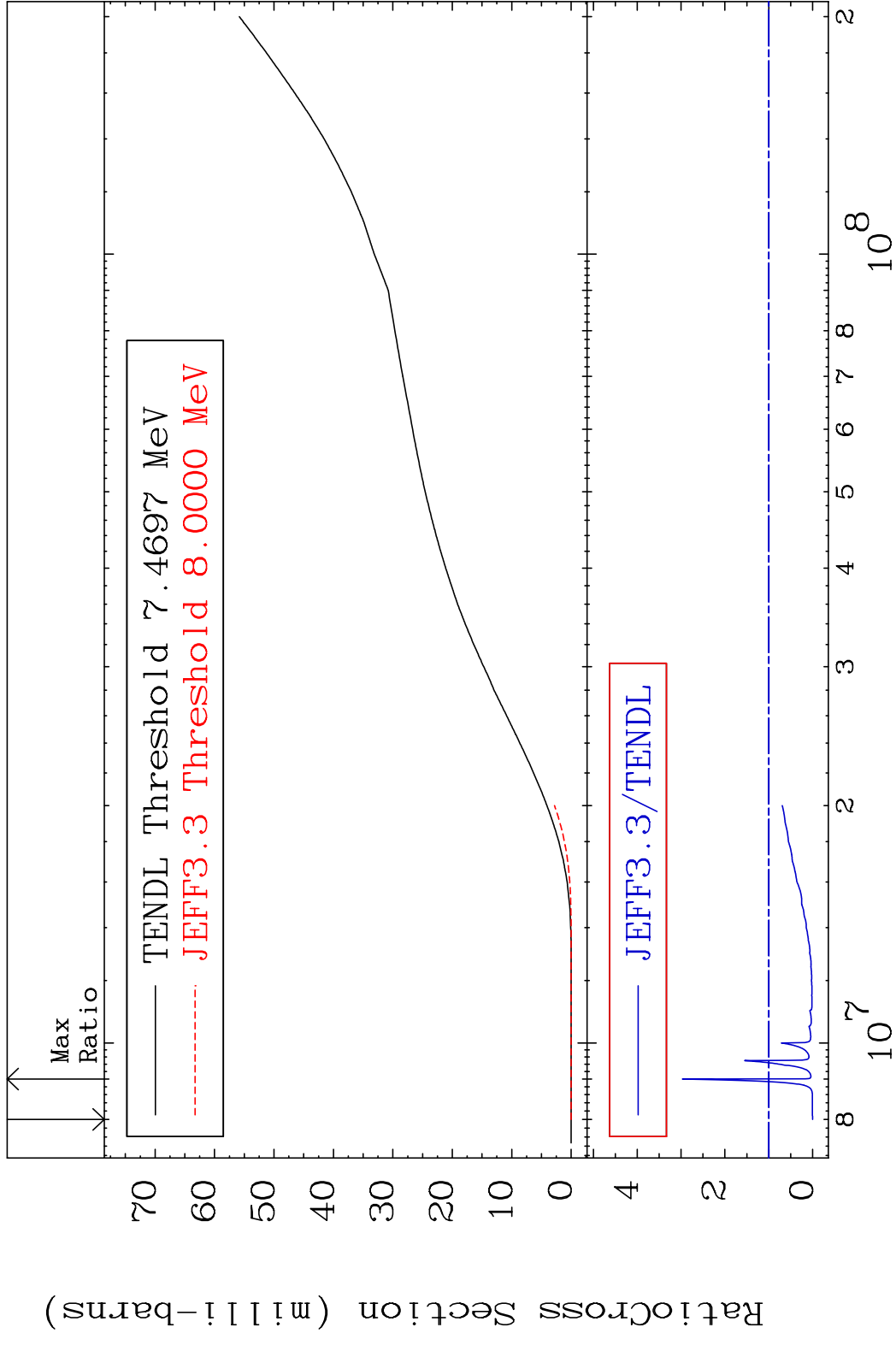
Incident Energy (eV)

46-Pd-107

MAT 4640 Hydrogen Production 46-Pd-107
 Cross Section -100.0 To 9999. %



MAT 4640 Tritium Production 46-Pd-107
 Cross Section -100.0 To 197.1 %

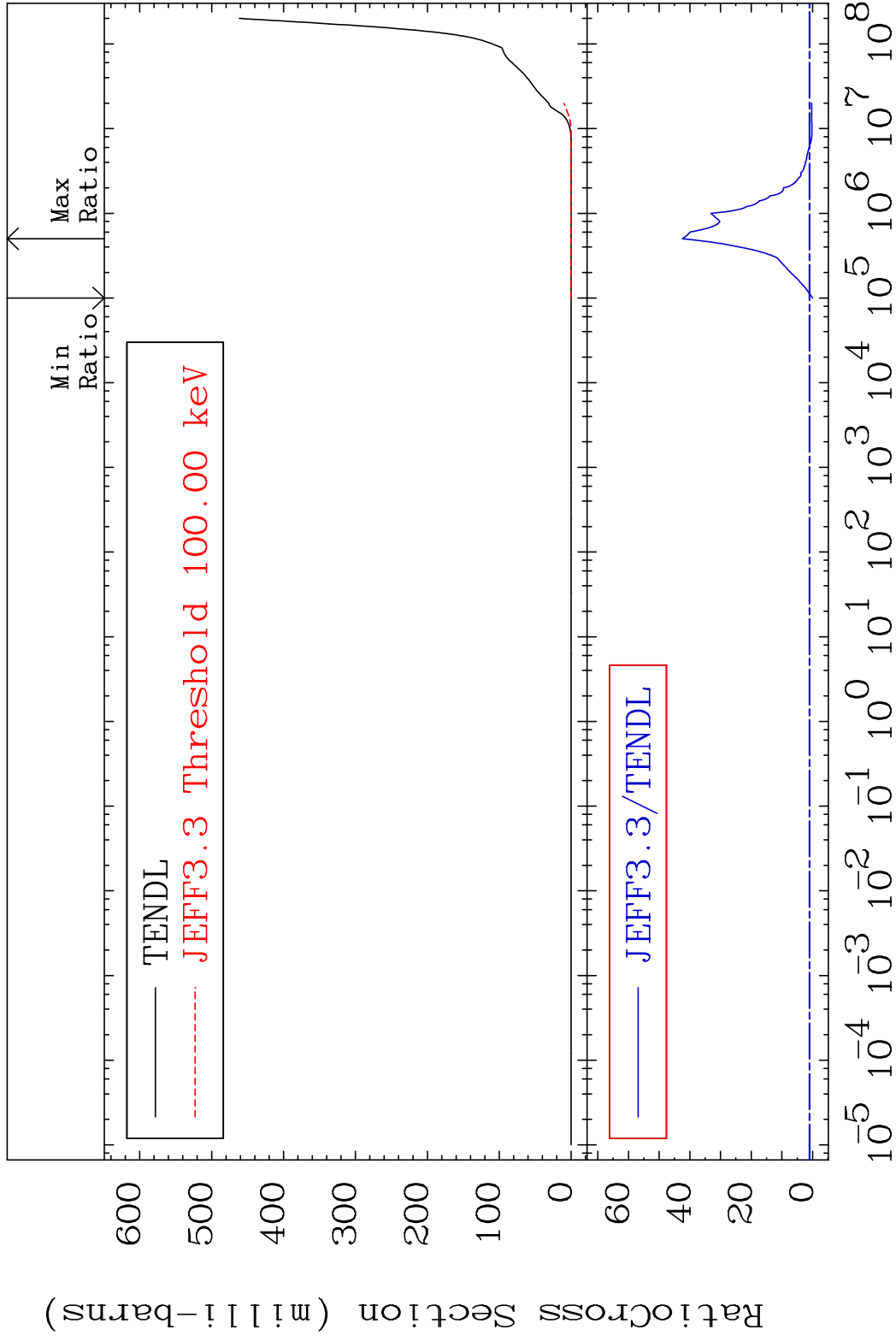


MAT 4640

He-4 Production

46-Pd-107

Cross Section -100.0 To 4144. %

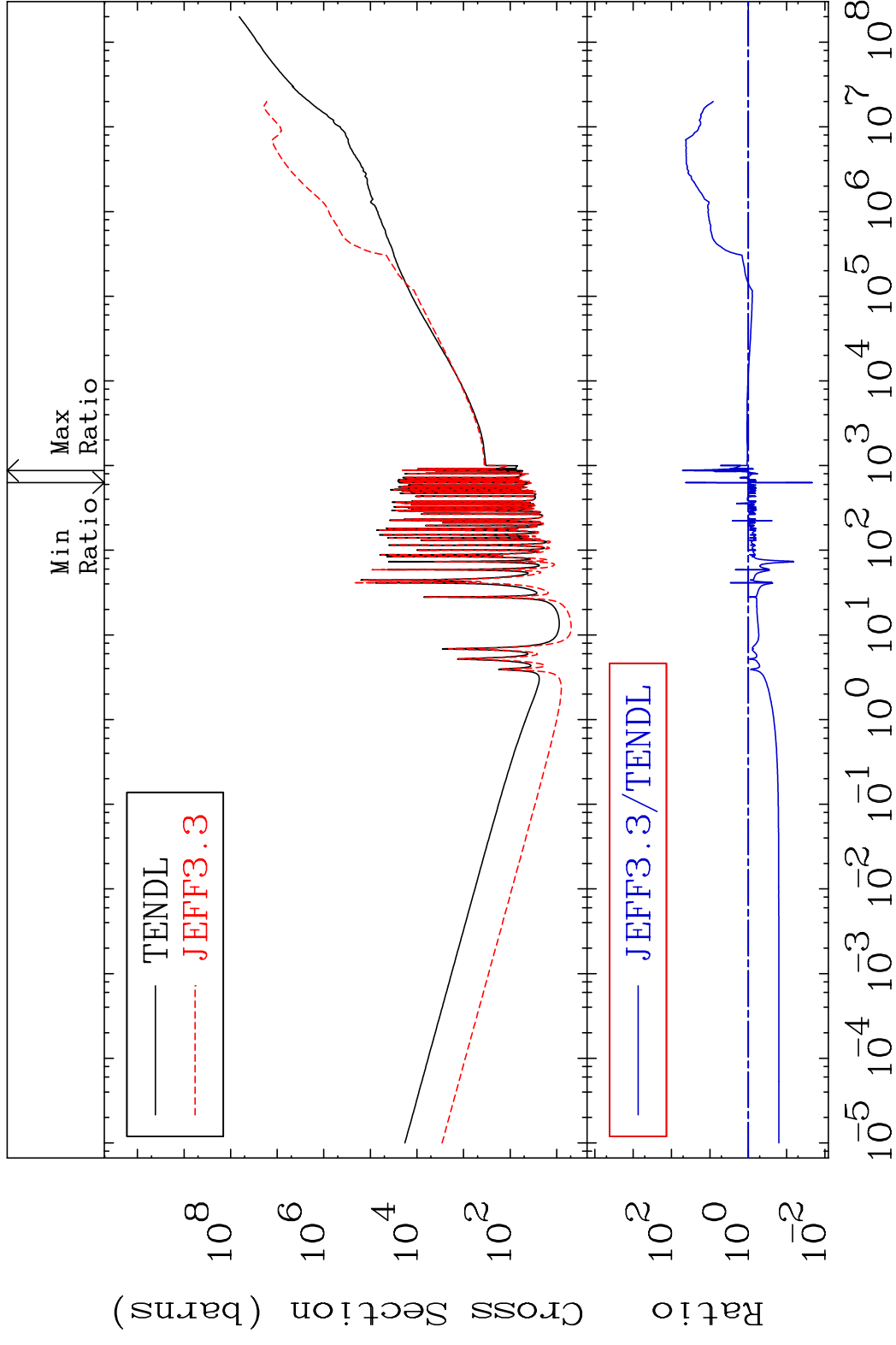


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Incident Energy (eV)

46-Pd-107

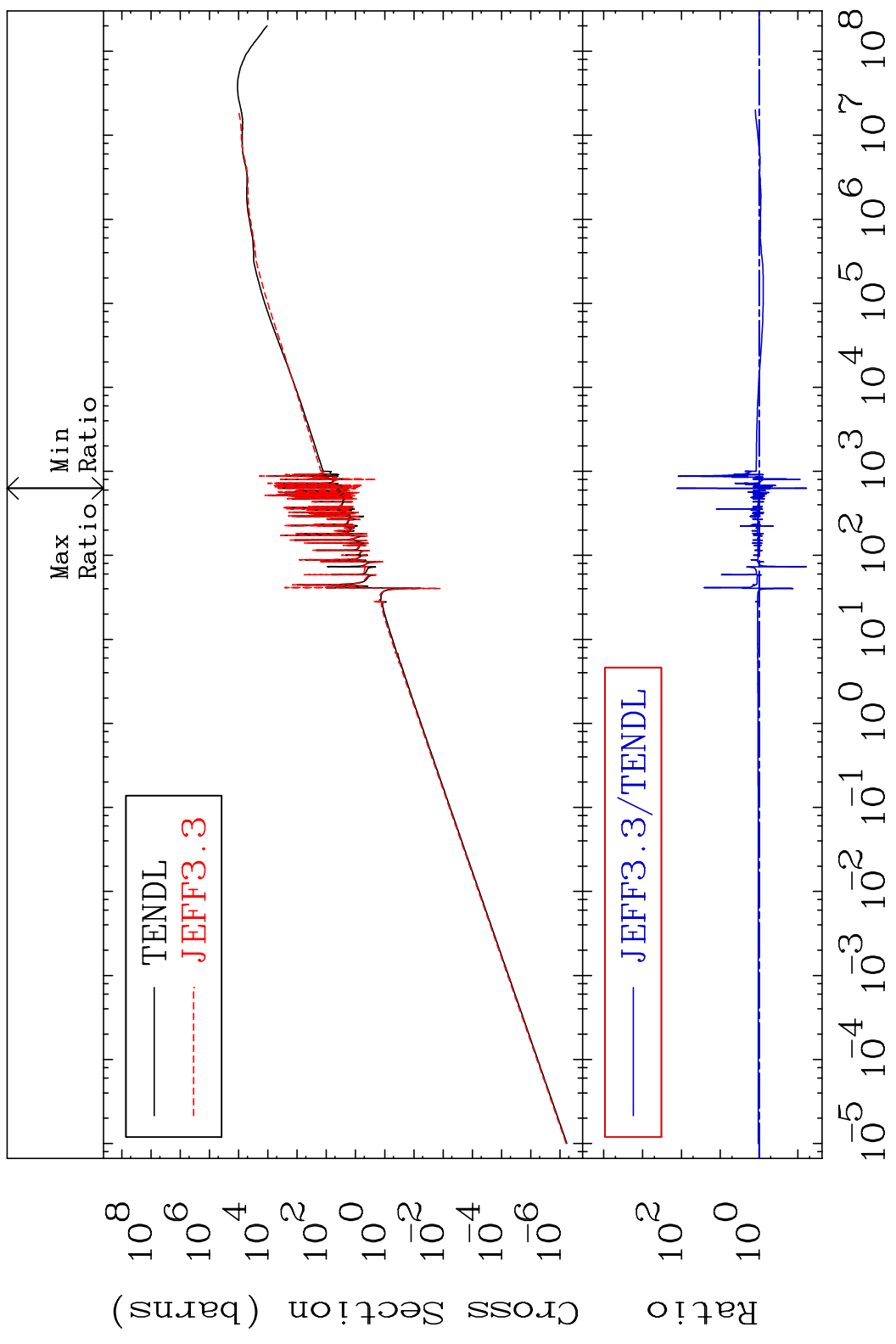
MAT 4640 Kerma total (eV-barns) 46-Pd-107
 Cross Section -97.90 To 5124. %



39 Incident Energy (eV) 46-Pd-107

MAT 4640

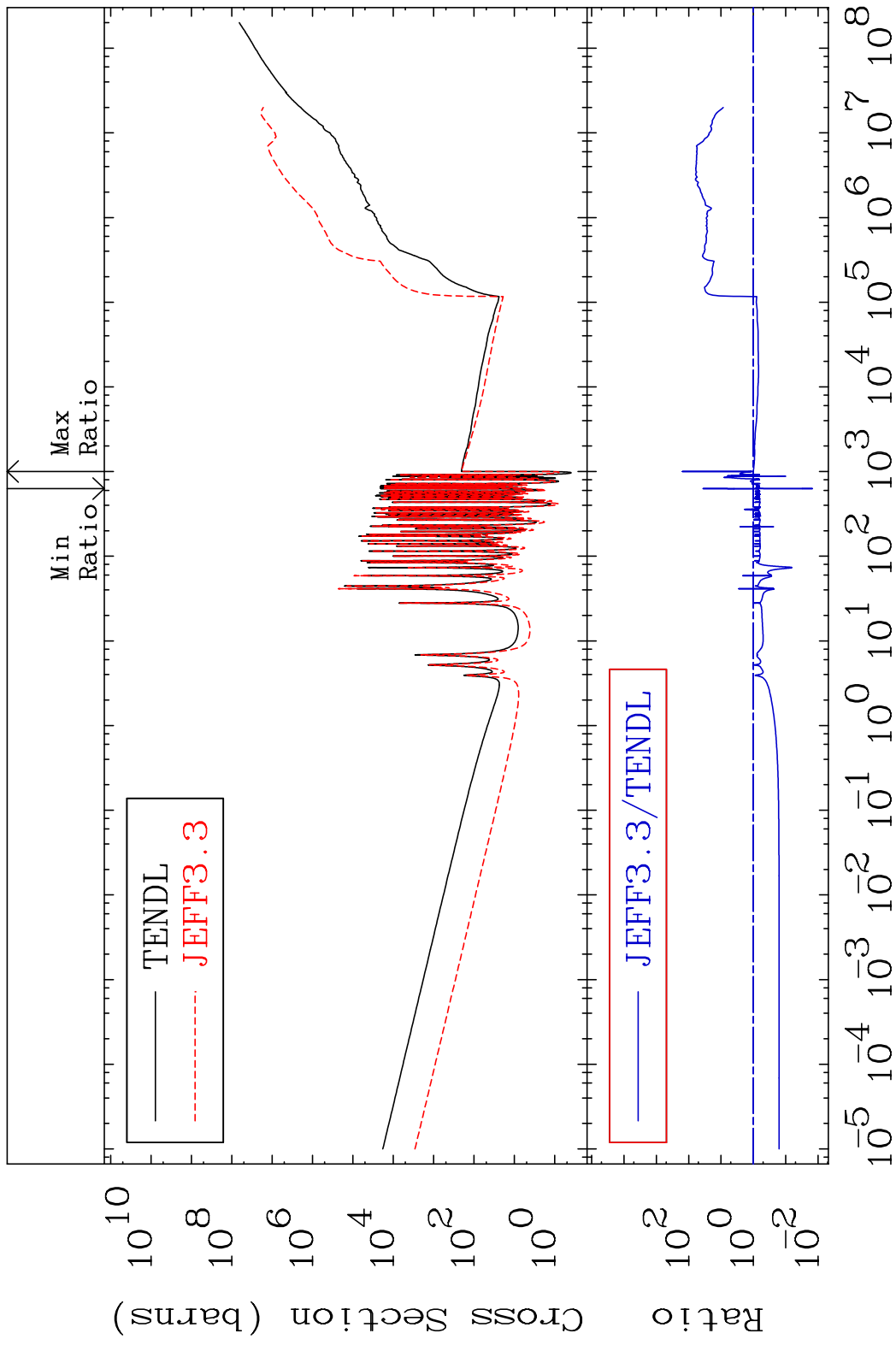
Kerma elastic Cross Section -93.94 To 9999. %
46-Pd-107



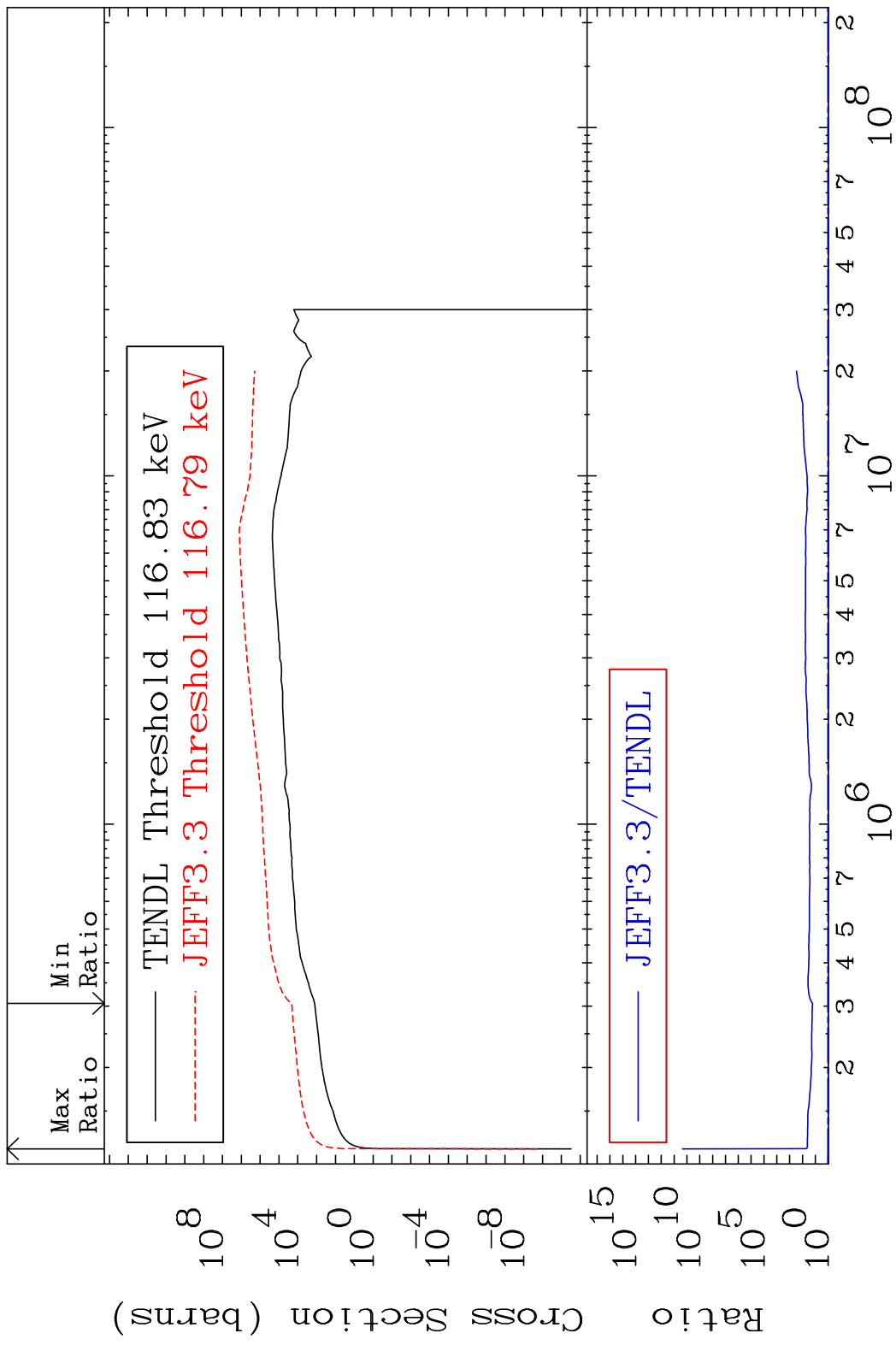
40

Incident Energy (eV) 46-Pd-107

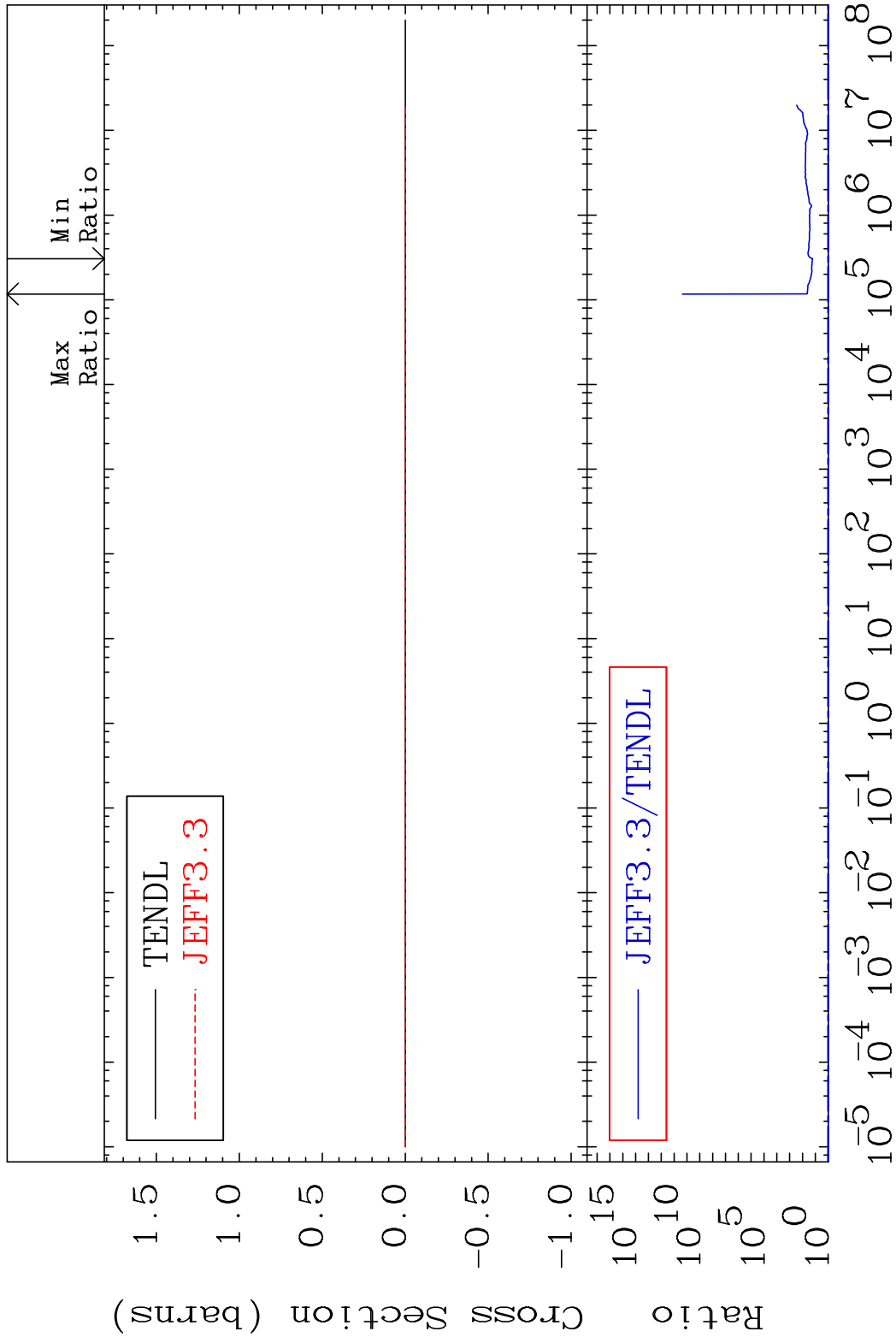
MAT 4640 Kerma non-elastic (all but mt2) 46-Pd-107
 Cross Section -98.53 To 9999. %



MAT 4640 Kerma inelastic (mt51-91) 46-Pd-107
 Cross Section 1542. To 9999. %

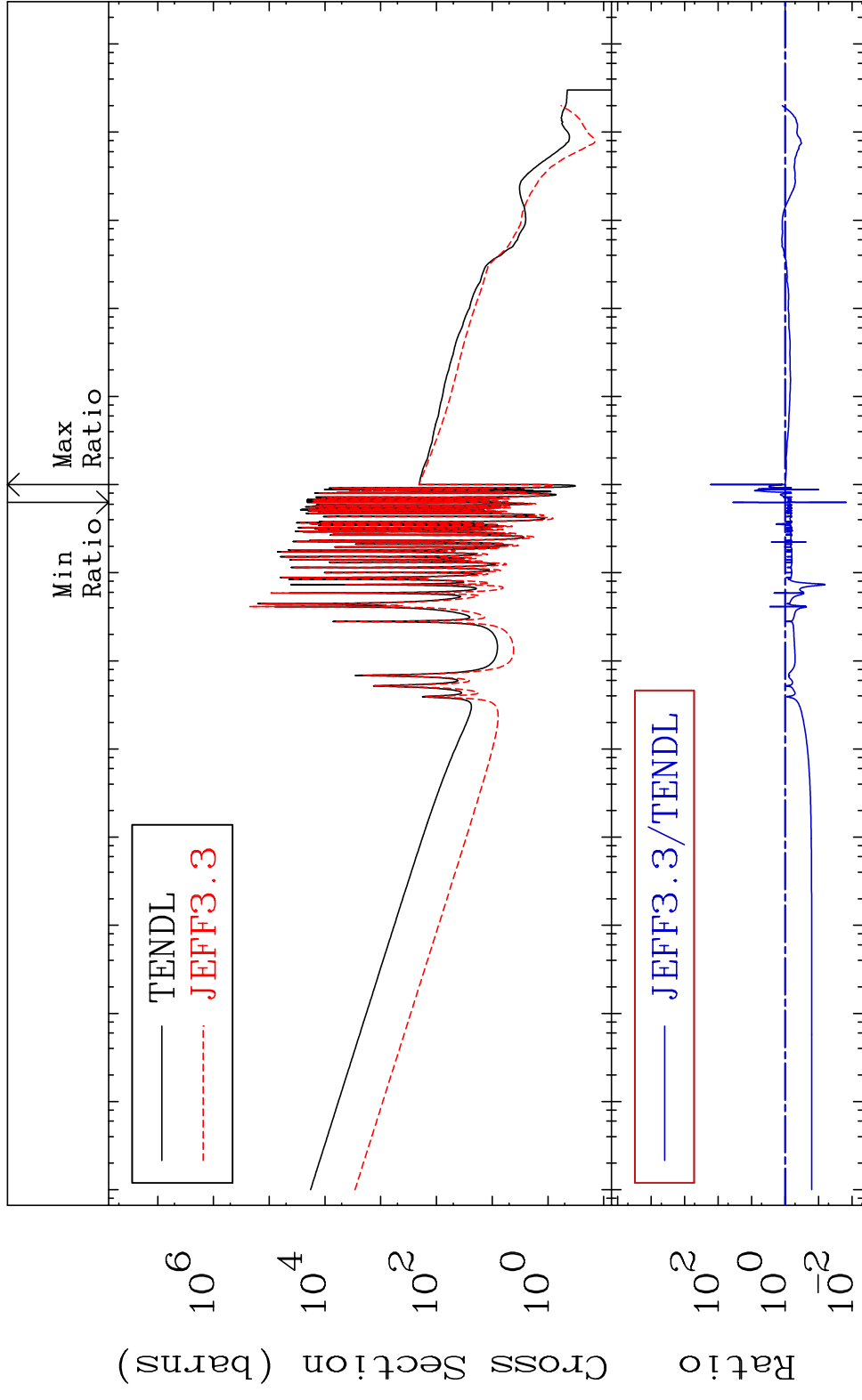


MAT 4640 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-107
 Cross Section 1542. To 9999. %



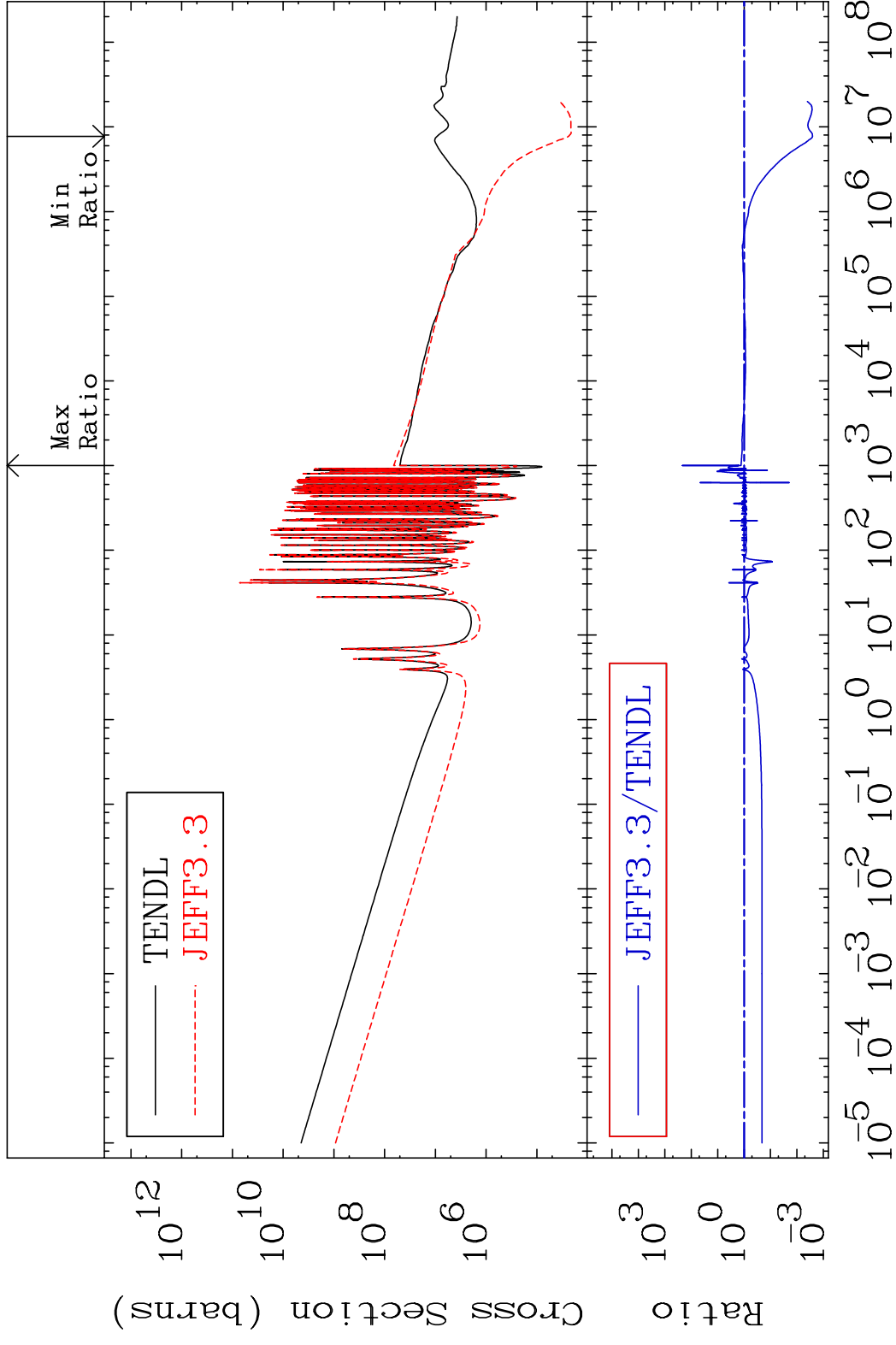
MAT 4640

Kerma capture (mt102) 46-Pd-107
Cross Section -98.53 To 9999. %



MAT 4640

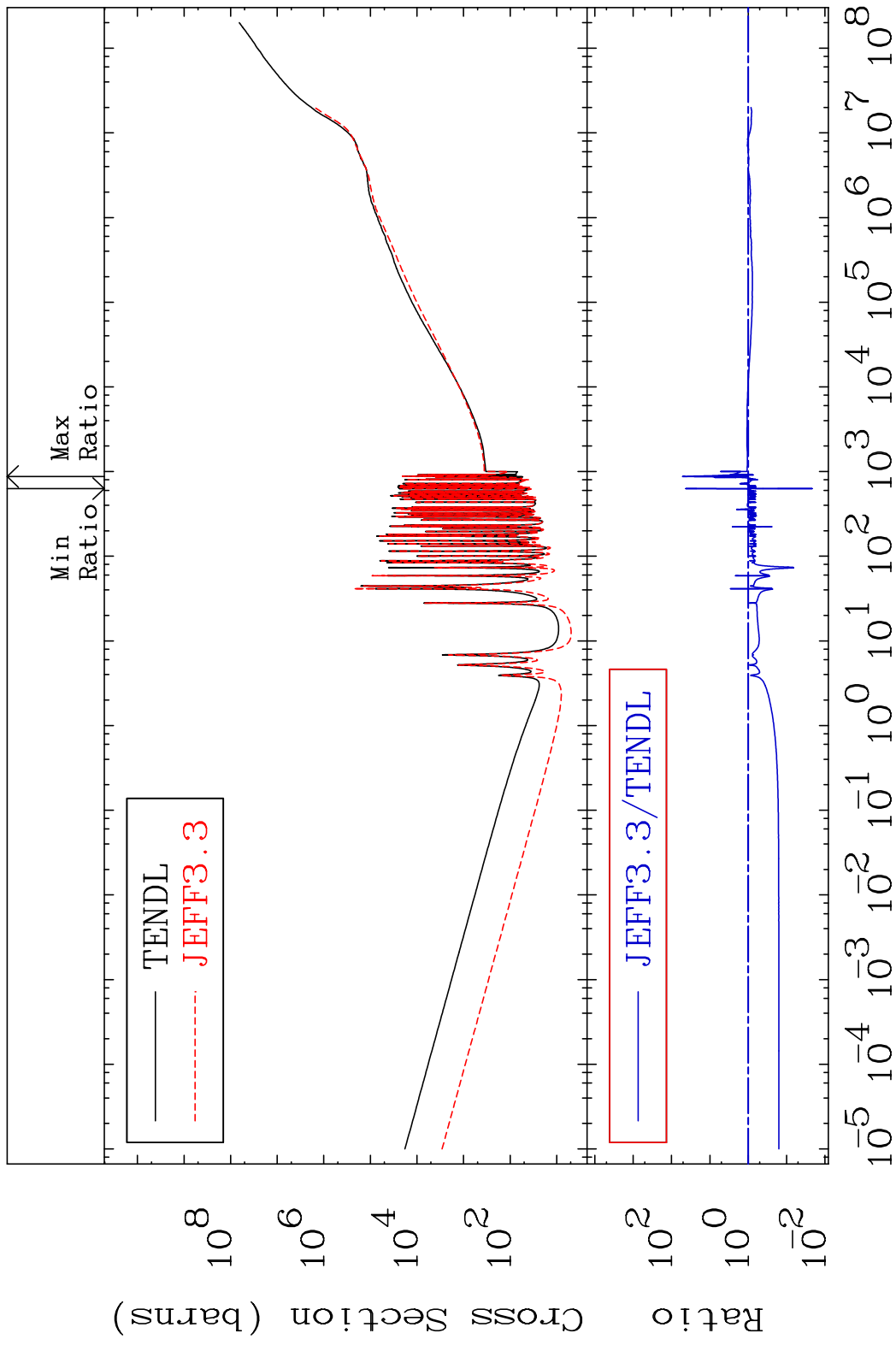
Total photon (eV-barns) 46-Pd-107
Cross Section -99.74 To 9999. %



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Incident Energy (eV) 46-Pd-107

MAT 4640 Total kinematic kerma (high limit) 46-Pd-107
Cross Section -97.90 To 5124. %

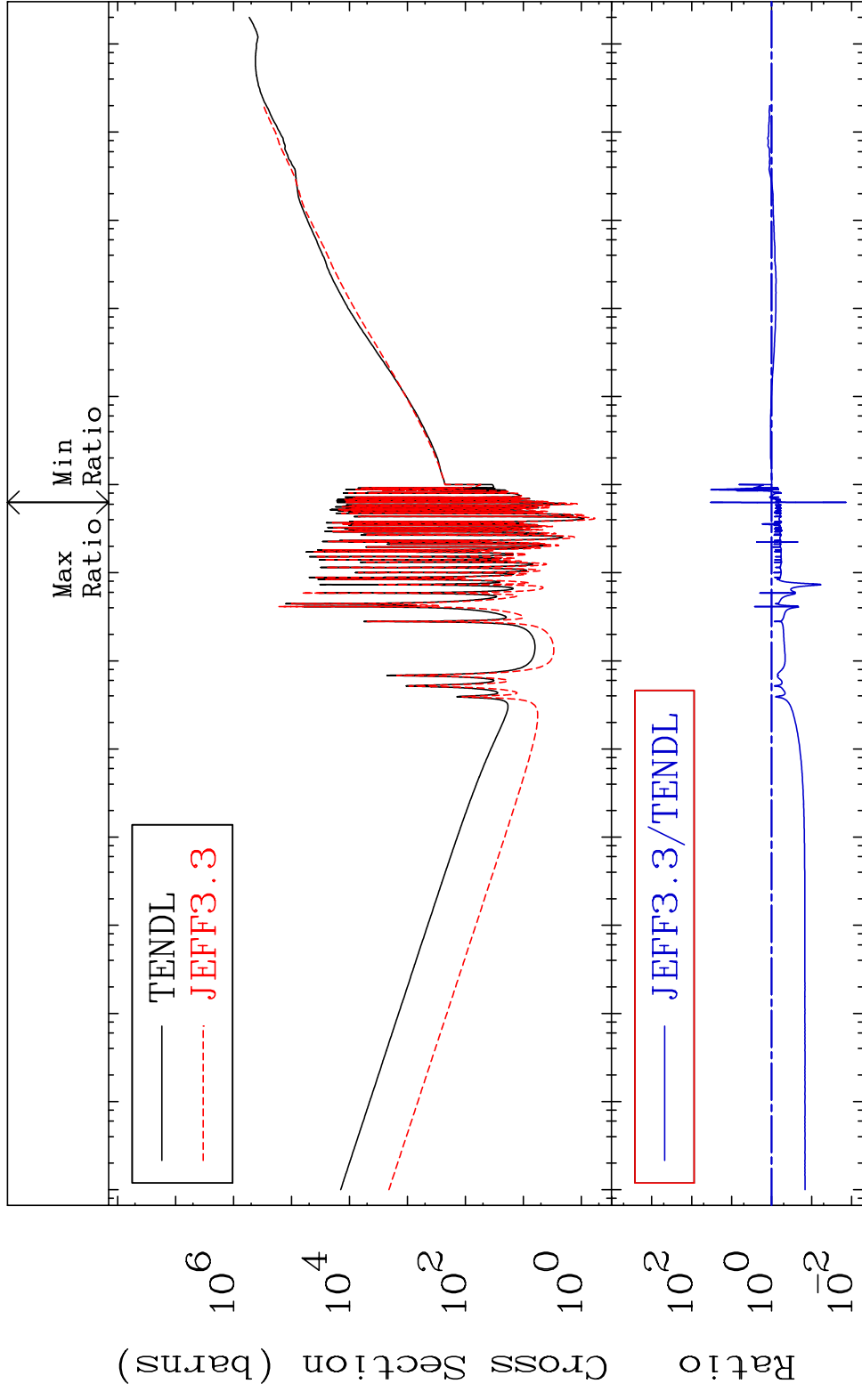


MAT 4640

Dpa total (eV-barns)

46-Pd-107

Cross Section -98.64 To 3238. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

47

Incident Energy (eV)

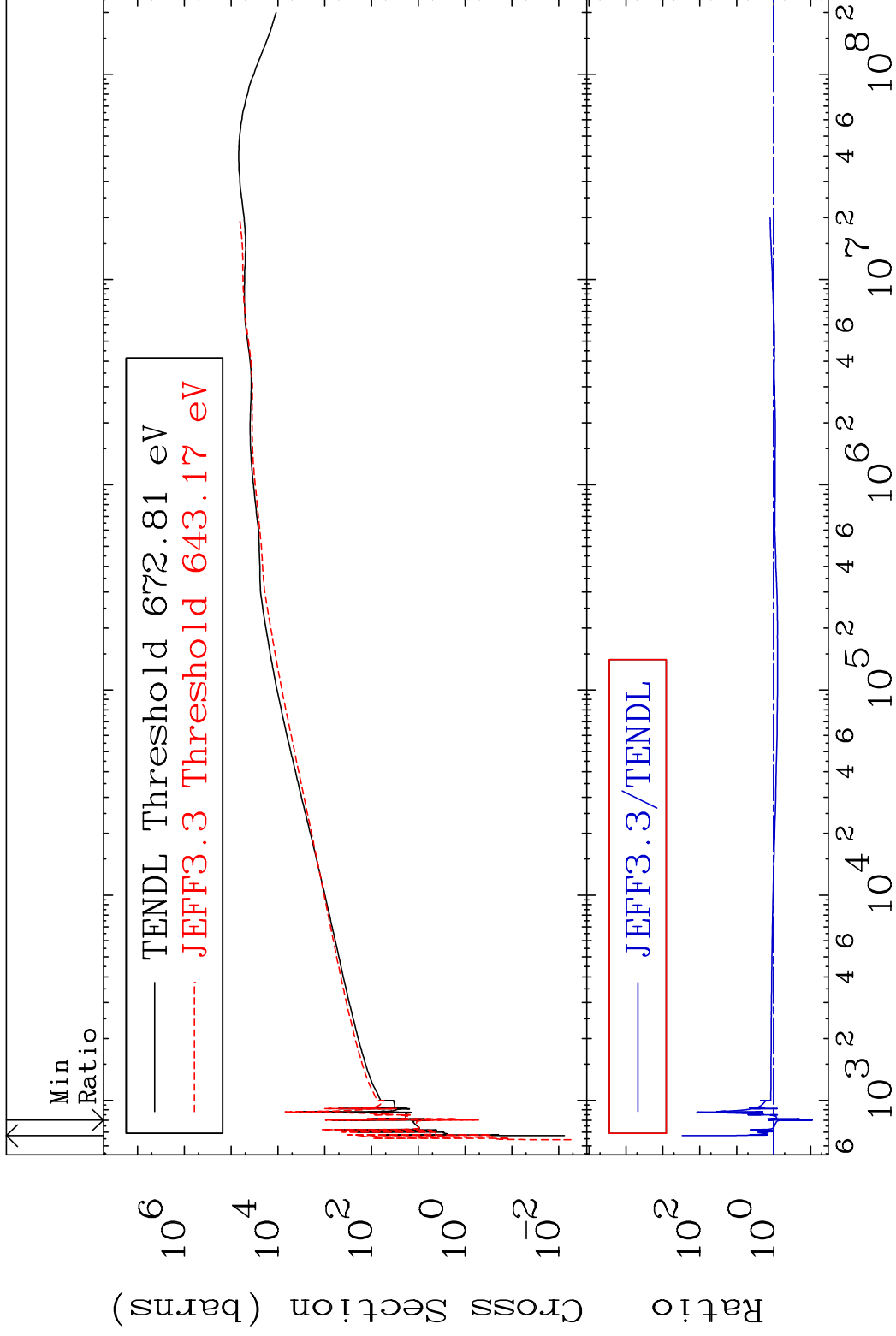
46-Pd-107

MAT 4640

Dpa elastic (mt2)

46-Pd-107

Cross Section -91.10 To 9999. %

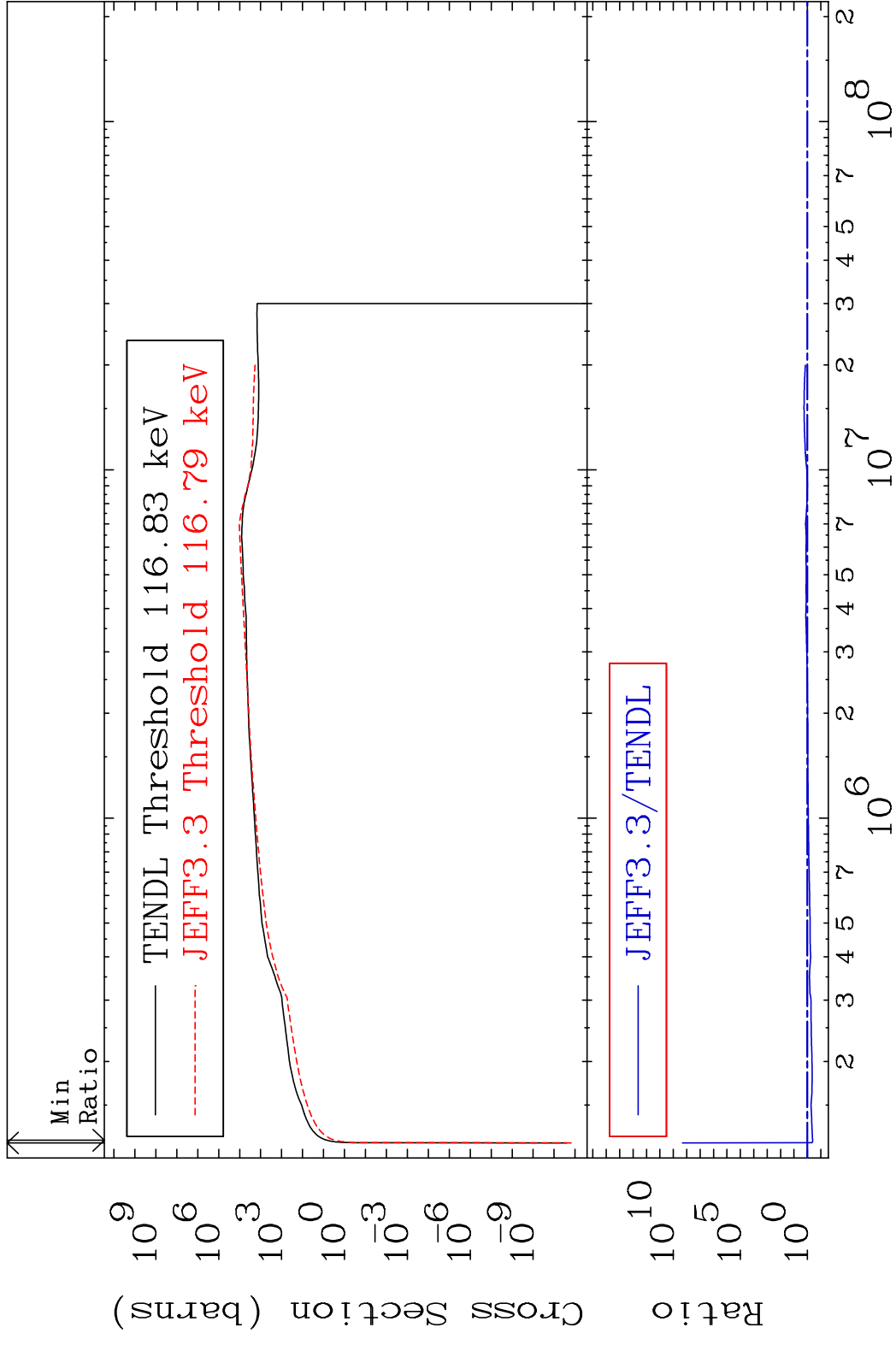


48

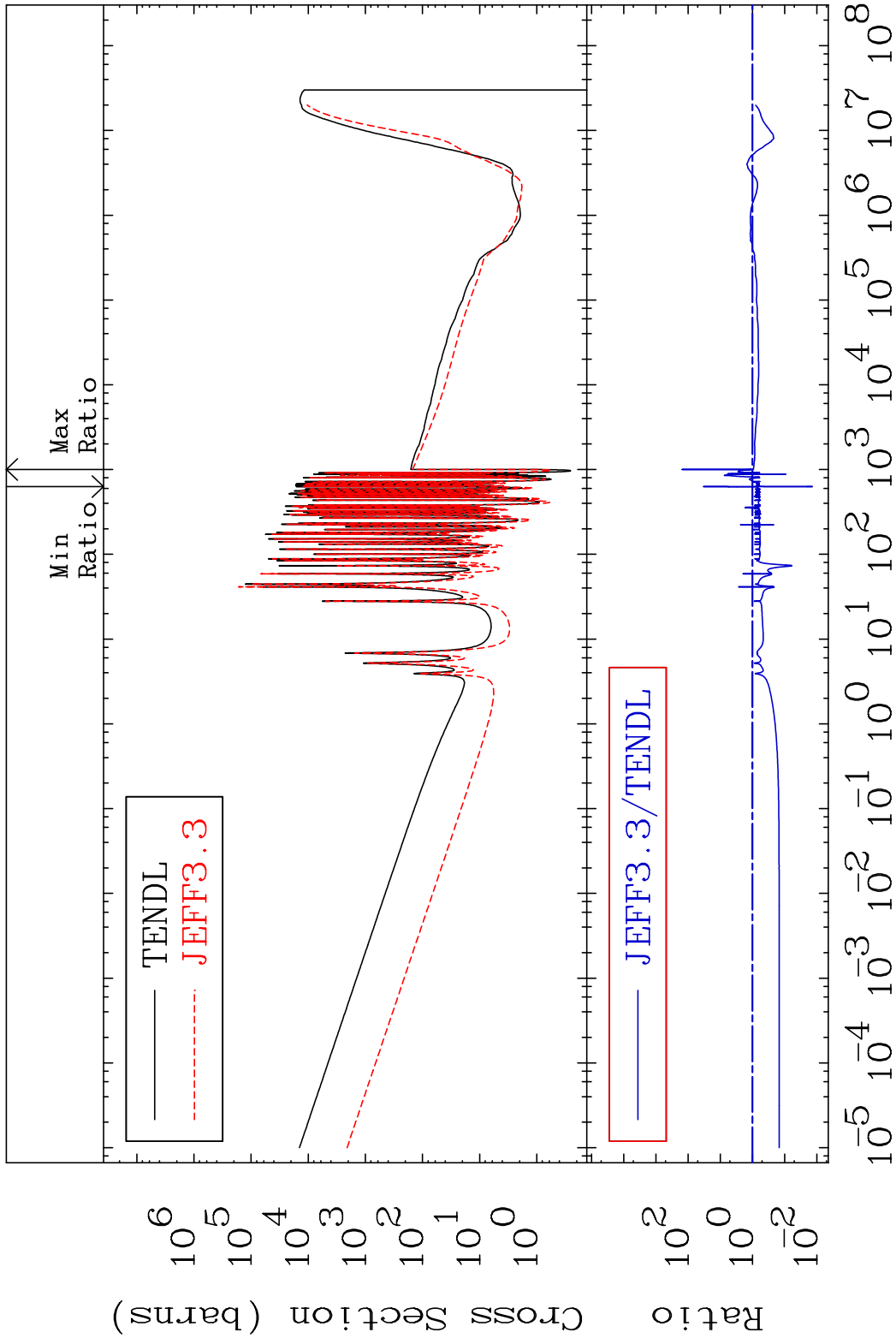
Incident Energy (eV)

46-Pd-107

MAT 4640 Dpa inelastic (mt51-91) 46-Pd-107
 Cross Section -58.69 To 9999. %



MAT 4640 Dpa disappearance (mt102 -120) 46-Pd-107
 Cross Section -98.64 To 9999. %



50 Incident Energy (eV) 46-Pd-107