

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

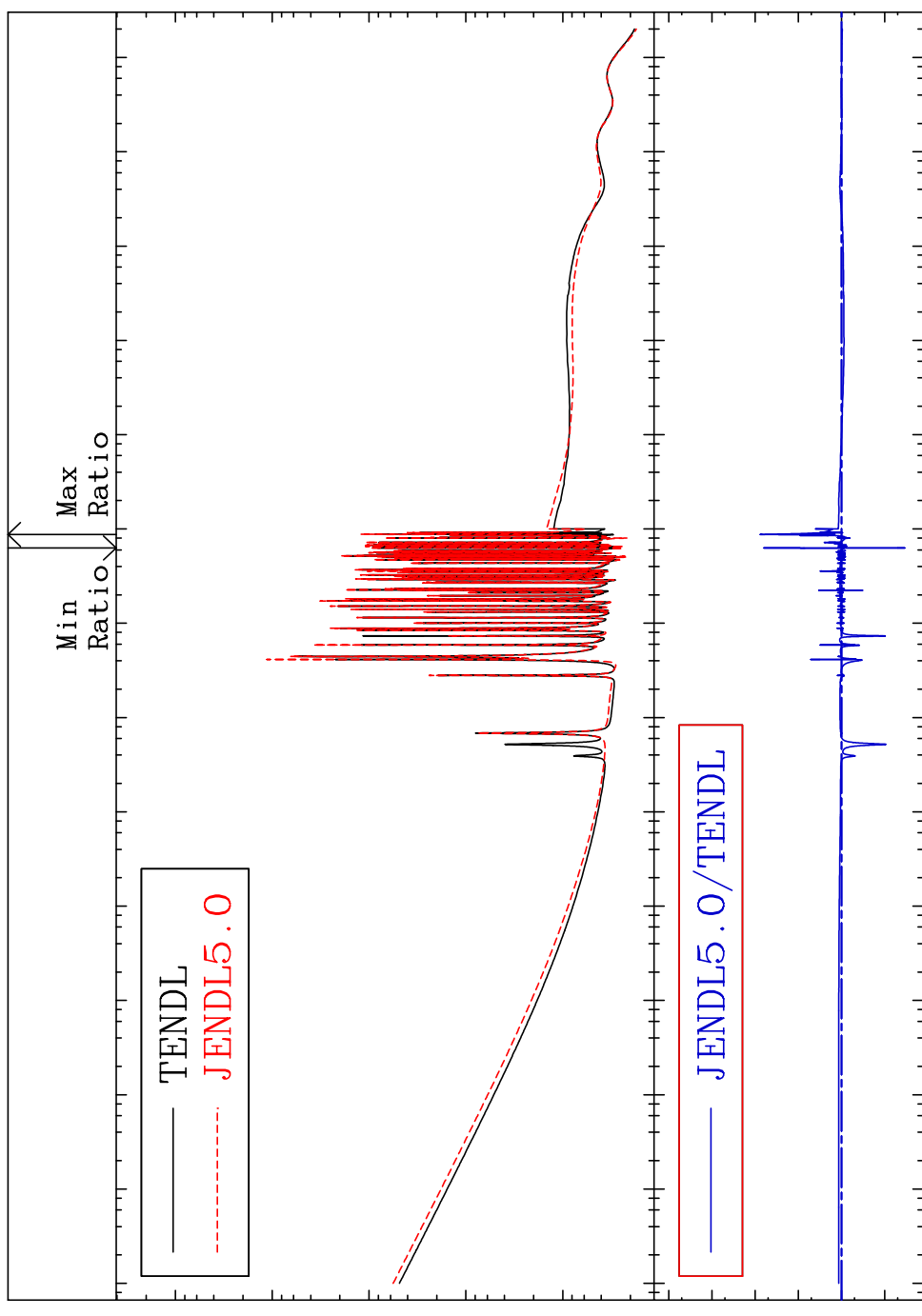
MAT 4640

Total

46-Pd-107

Cross Section

-96.67 To 7511. %



10⁵
10⁴
10³
10²
10¹
Cross Section (barns)

10²
10⁰
Ratio

10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
Incident Energy (eV)

1

Incident Energy (eV)

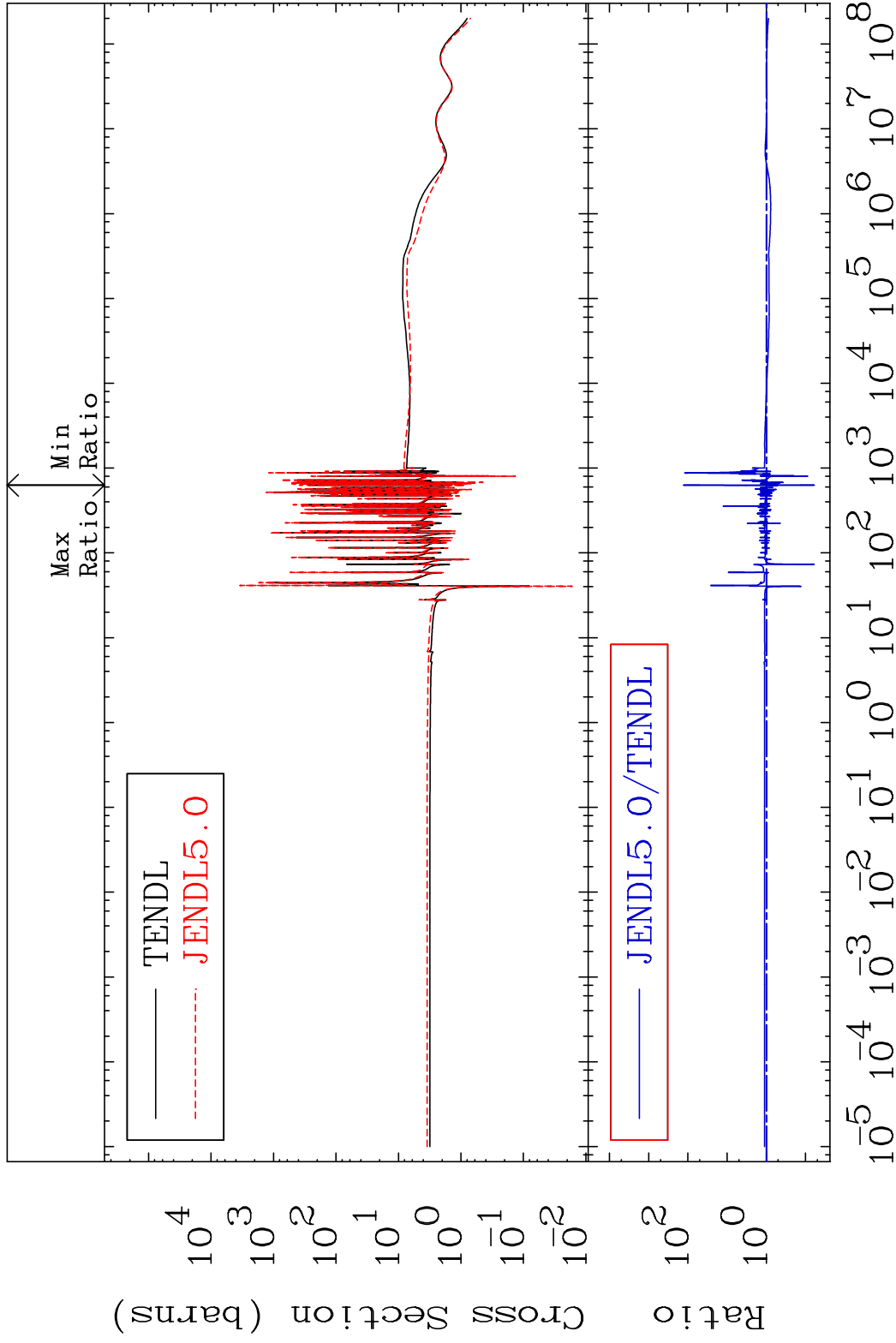
46-Pd-107

MAT 4640

Elastic

46-Pd-107

Cross Section -93.94 To 9999. %

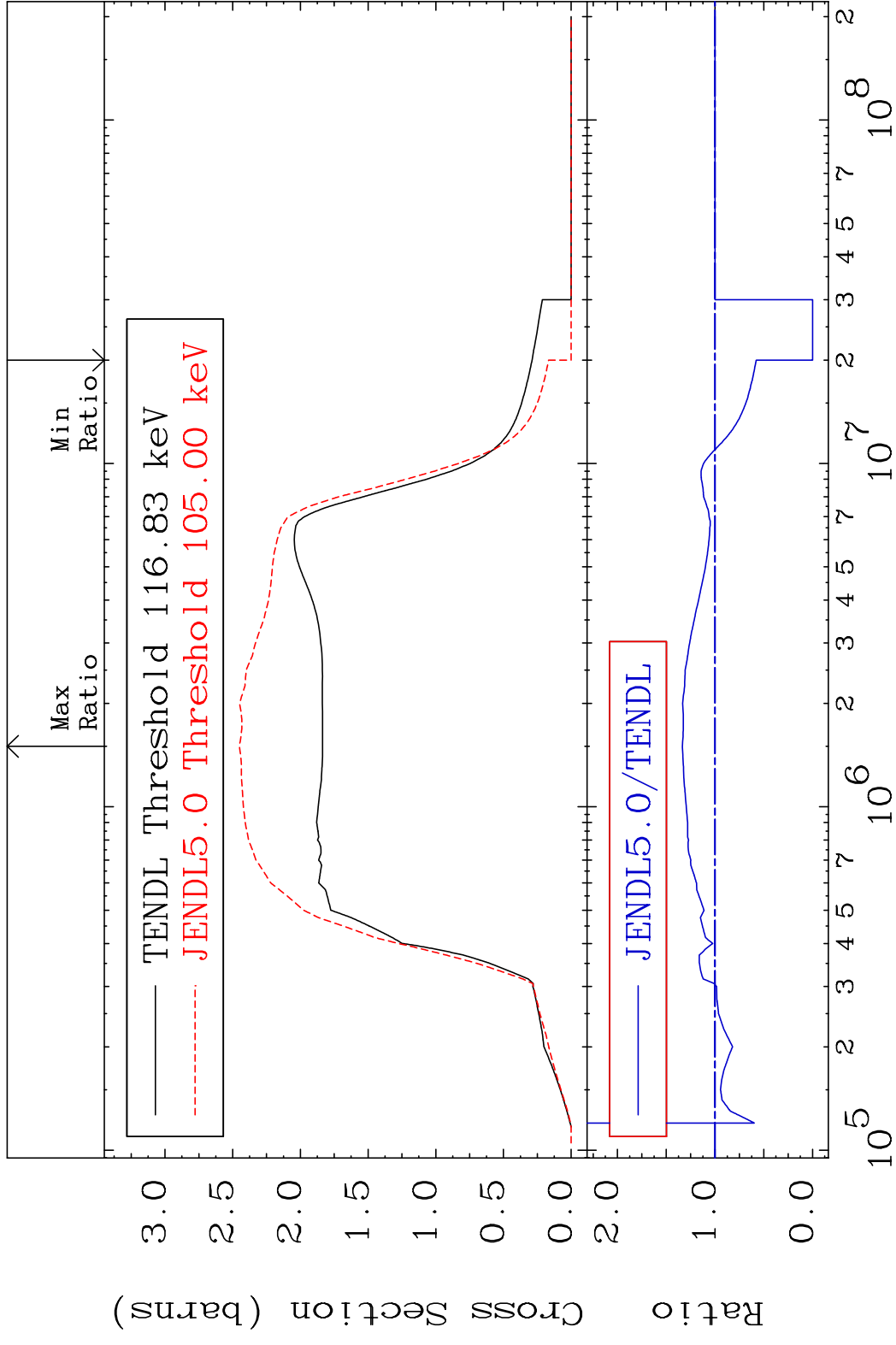


2

Incident Energy (eV)

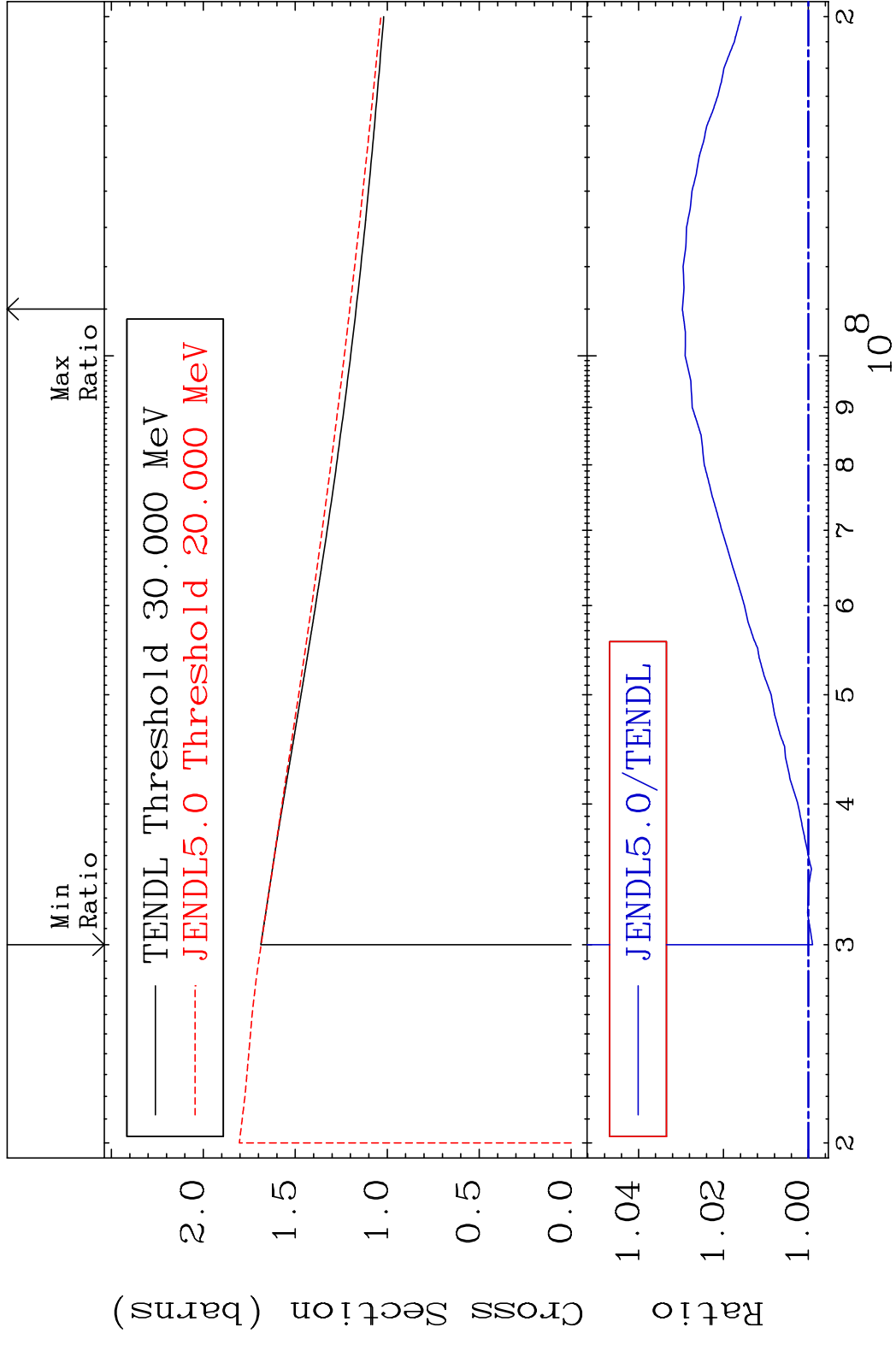
46-Pd-107

MAT 4640 Inelastic 46-Pd-107
 Cross Section -100.0 To 33.51 %



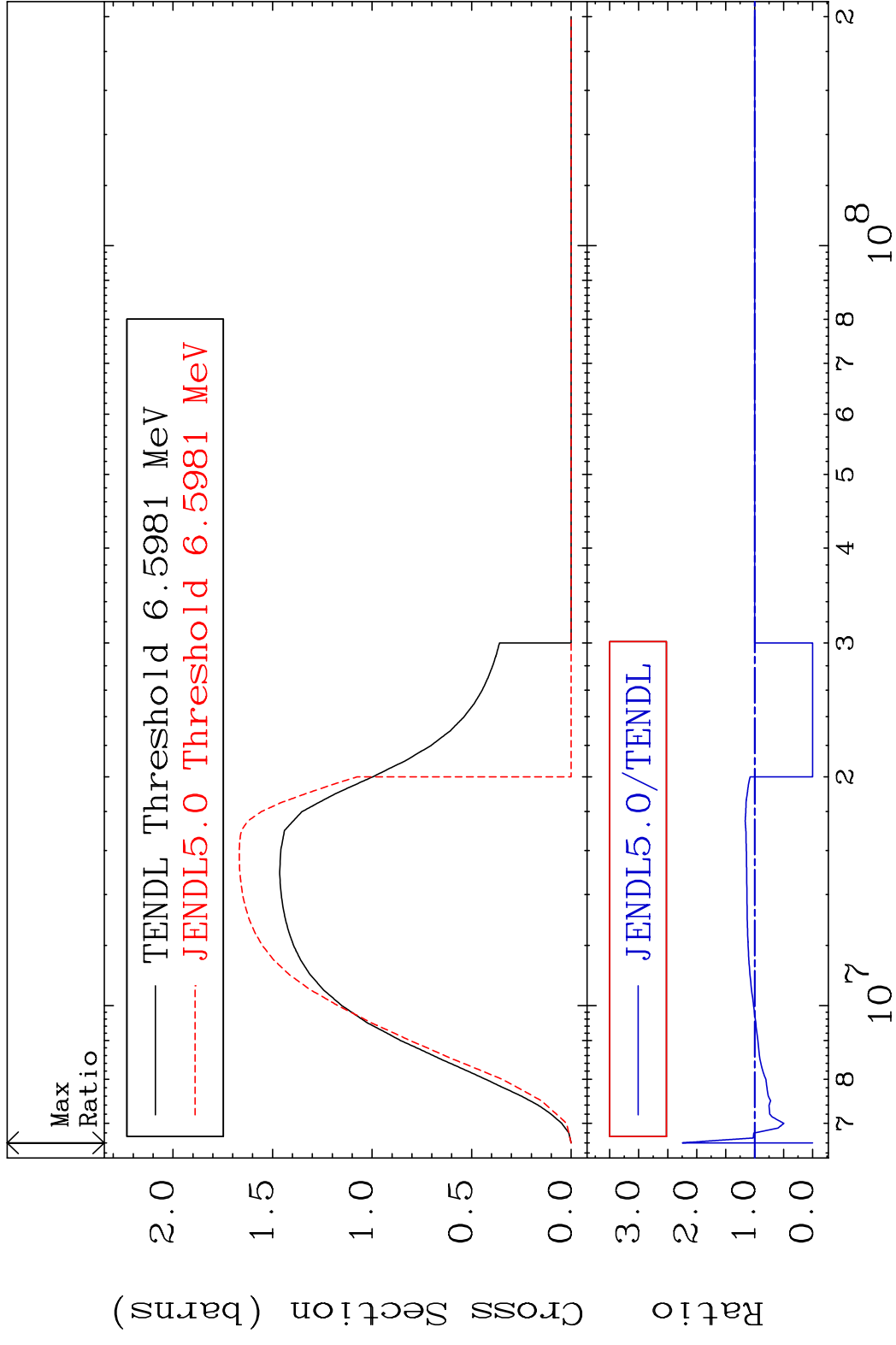
3 Incident Energy (eV) 46-Pd-107

MAT 4640 (n, remainder) 46-Pd-107
 Cross Section -0.099 To 2.969 %



4 46-Pd-107

MAT 4640 (n,2n) 46-Pd-107
 Cross Section -100.0 To 124.7 %

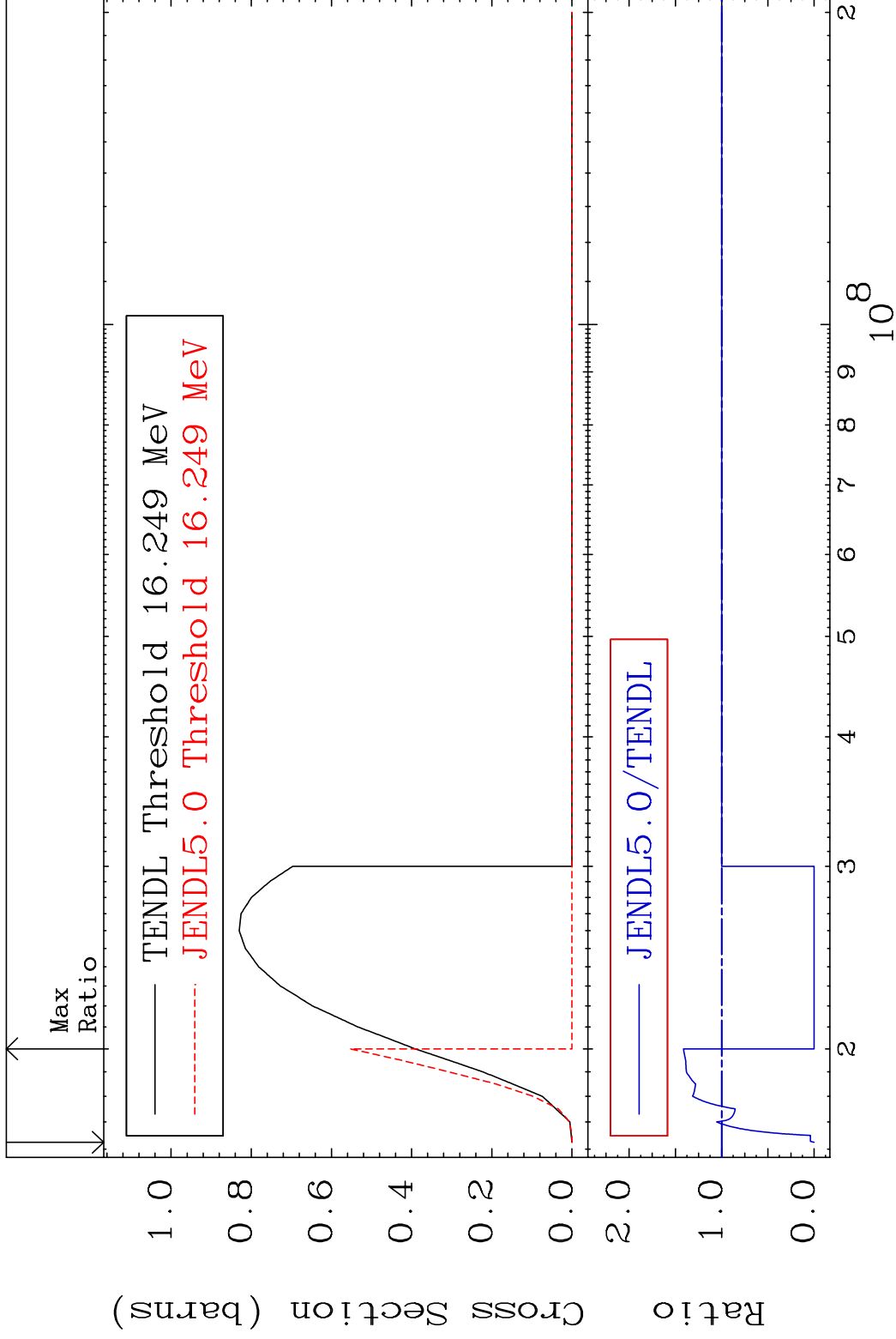


MAT 4640

(n,3n)

46-Pd-107

Cross Section -100.0 To 41.26 %

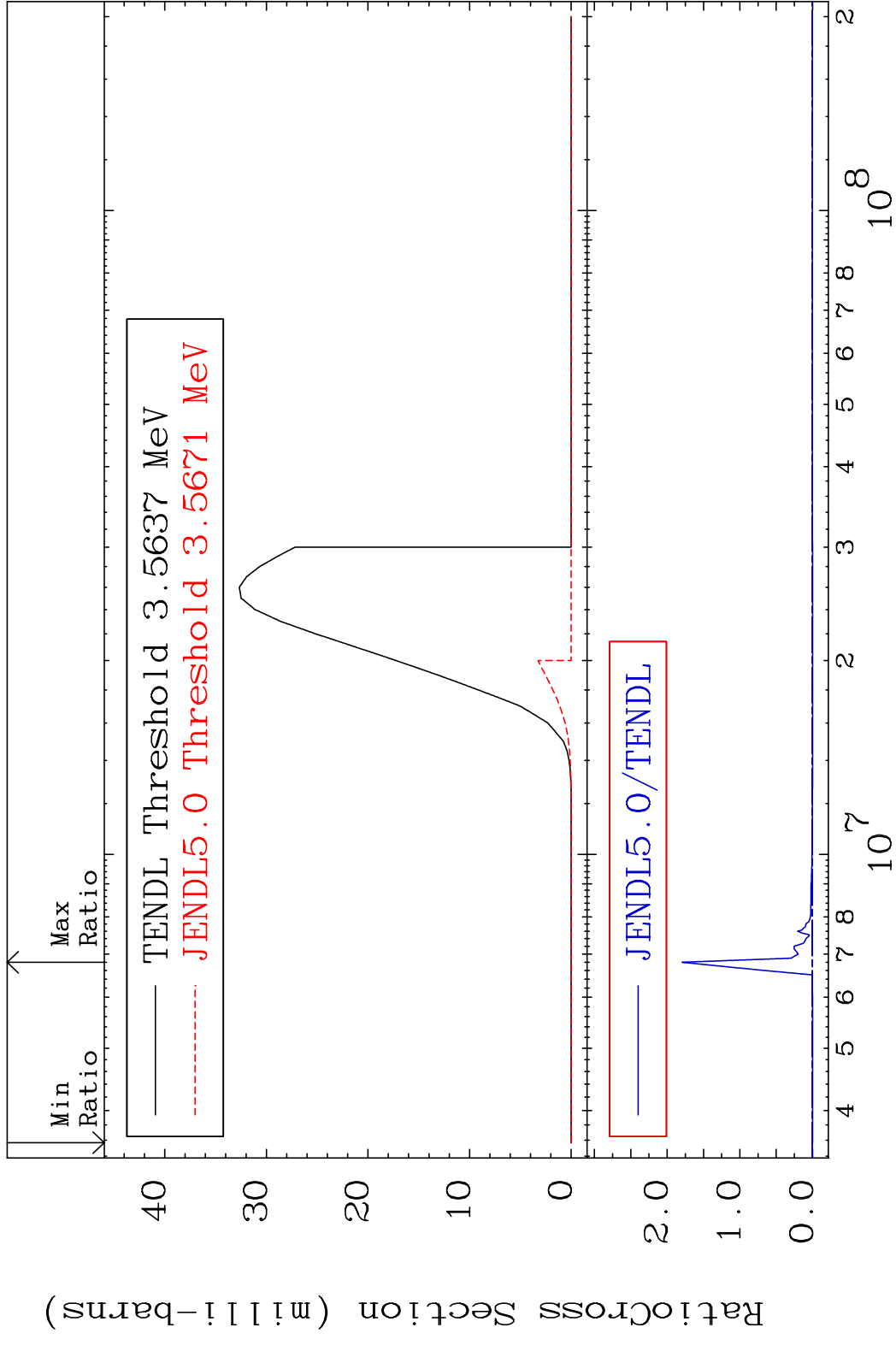


6

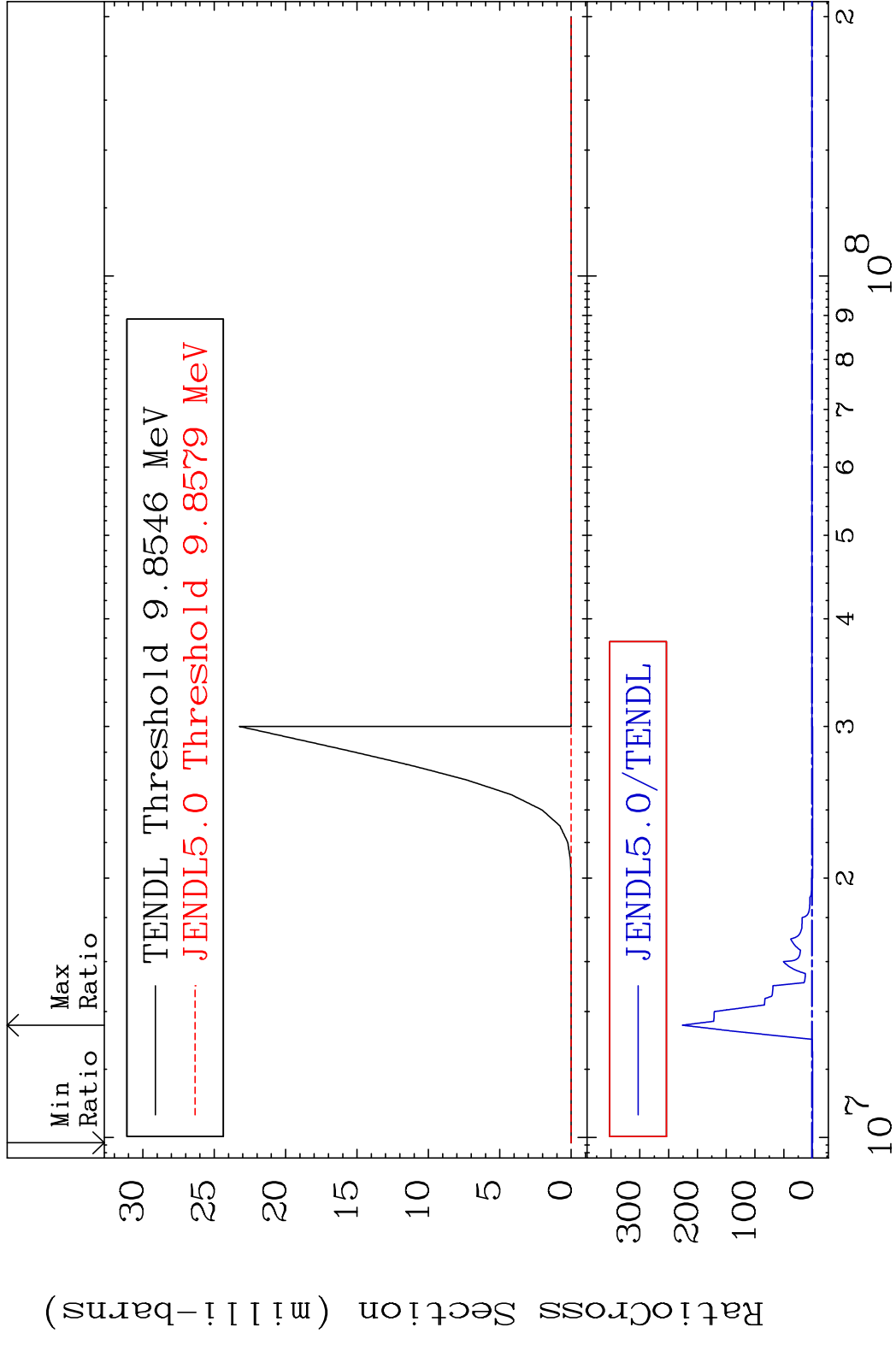
Incident Energy (eV)

46-Pd-107

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



MAT 4640 (n,2n) α 46-Pd-107
 Cross Section -100.0 To 9999. %



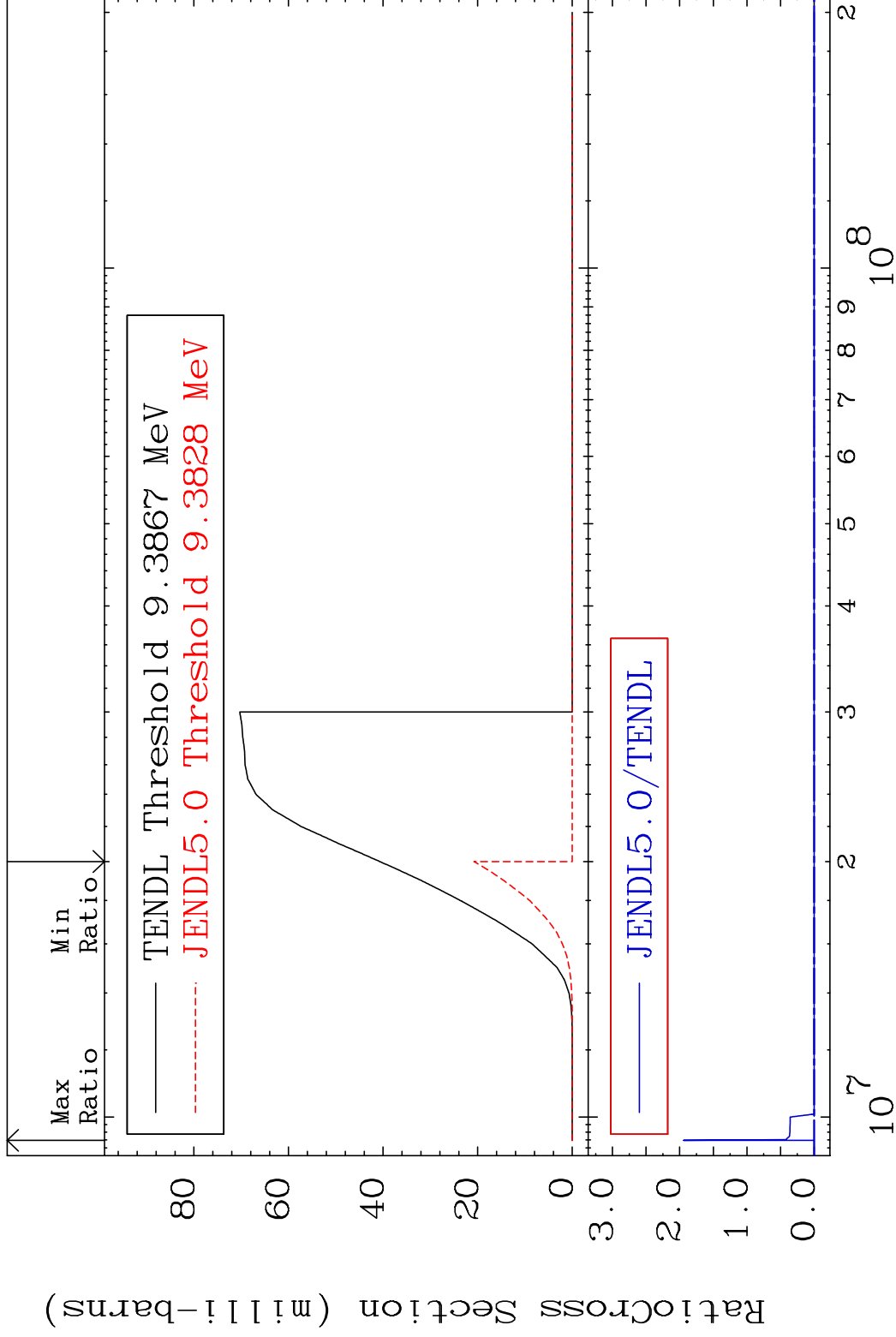
8 8 Incident Energy (eV) 46-Pd-107

MAT 4640

(n, n') p

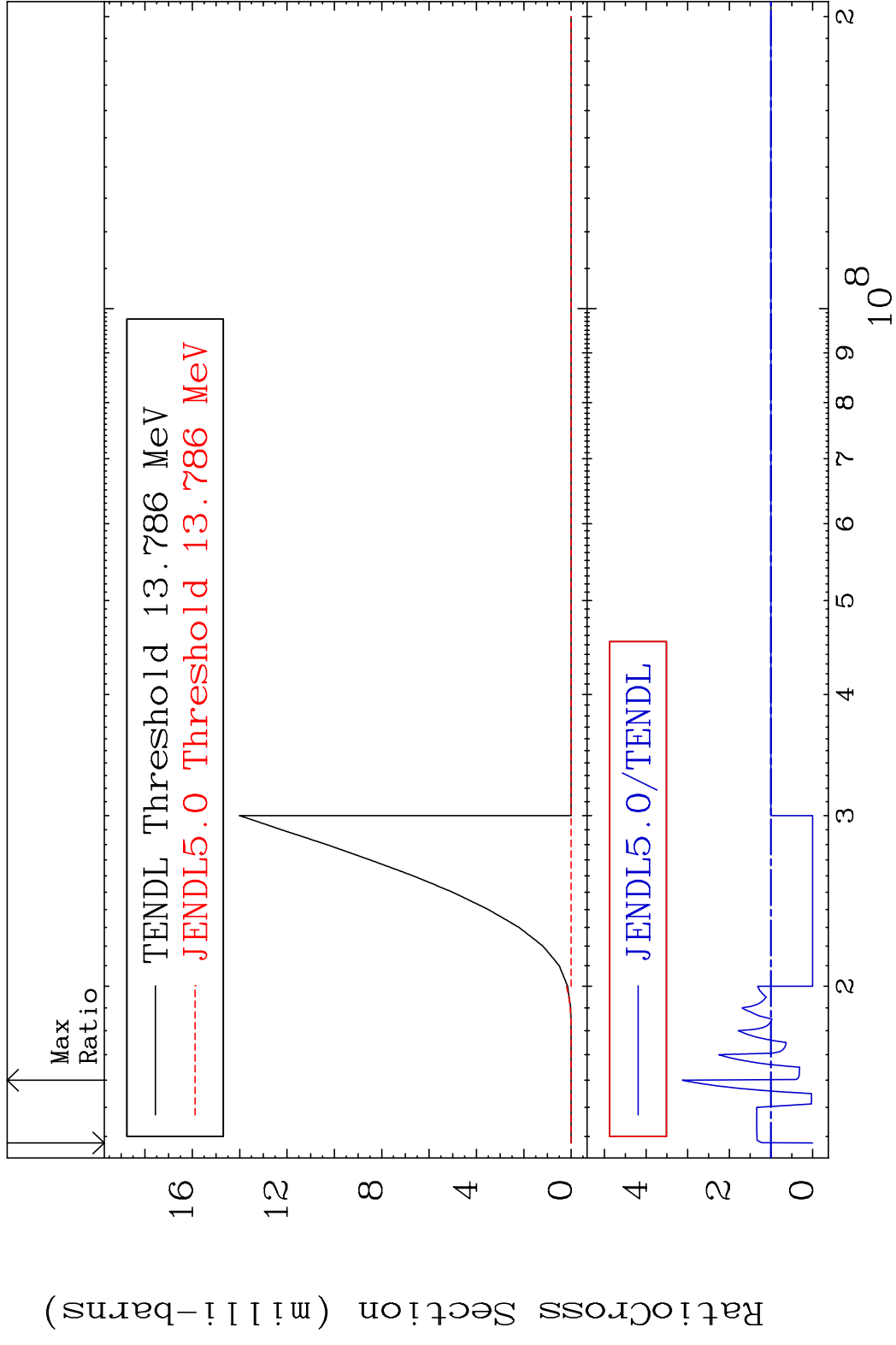
46-Pd-107

Cross Section -100.0 To 9999. %



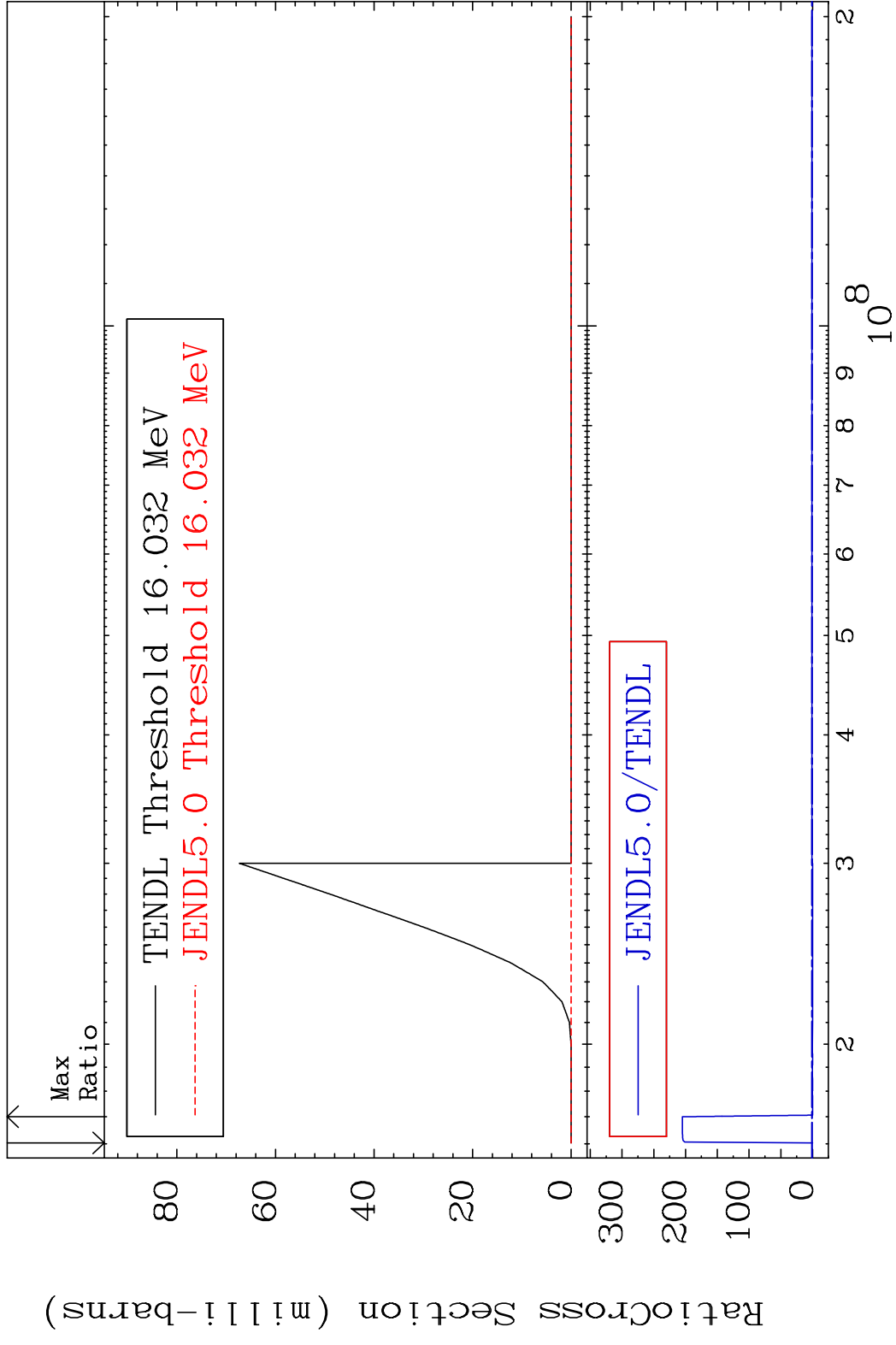
9 Incident Energy (eV) 46-Pd-107

MAT 4640 (n, n') d 46-Pd-107
 Cross Section -100.0 To 212.9 %

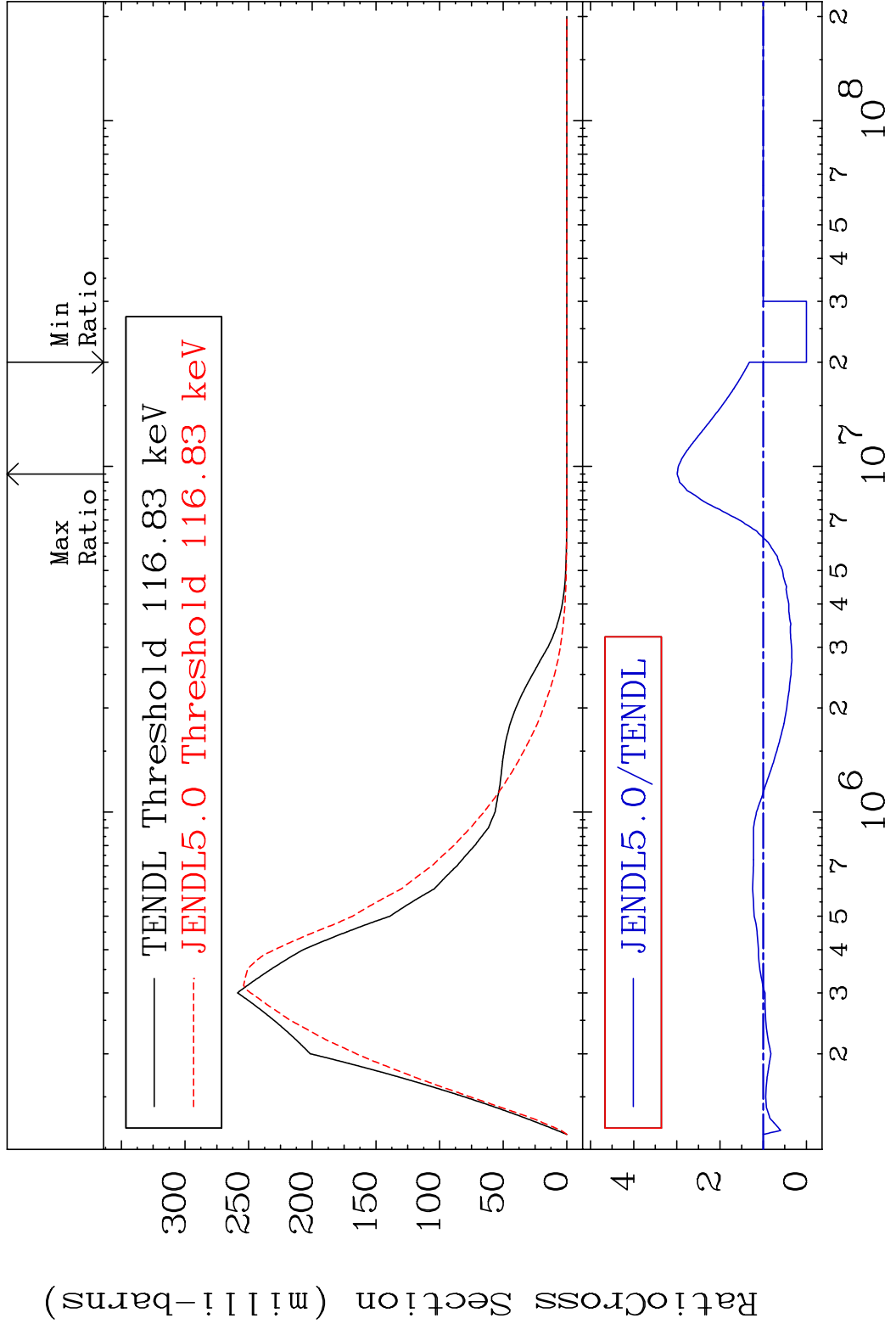


10 Incident Energy (eV) 46-Pd-107

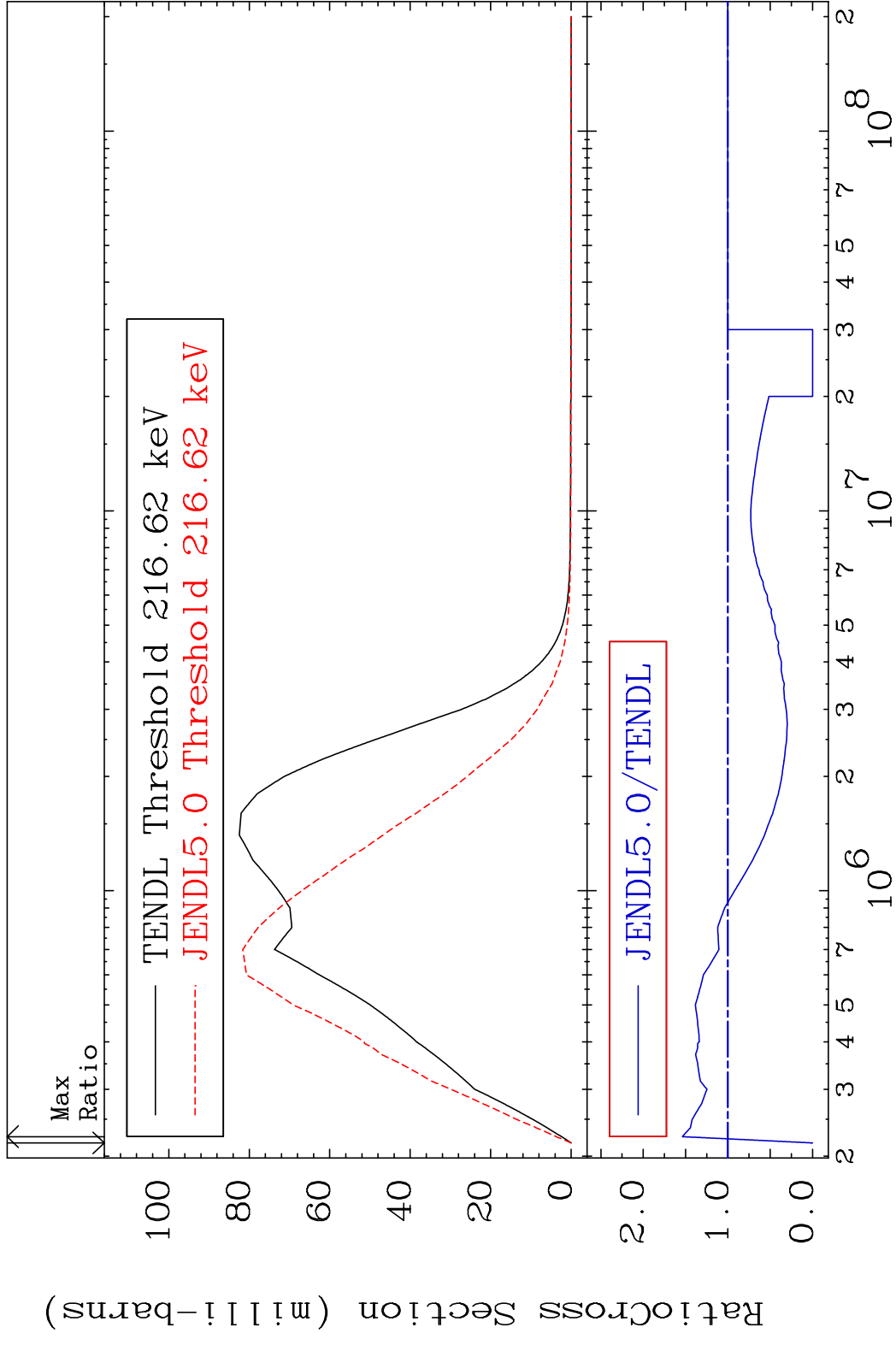
MAT 4640 (n,2n) p 46-Pd-107
 Cross Section -100.0 To 9999. %



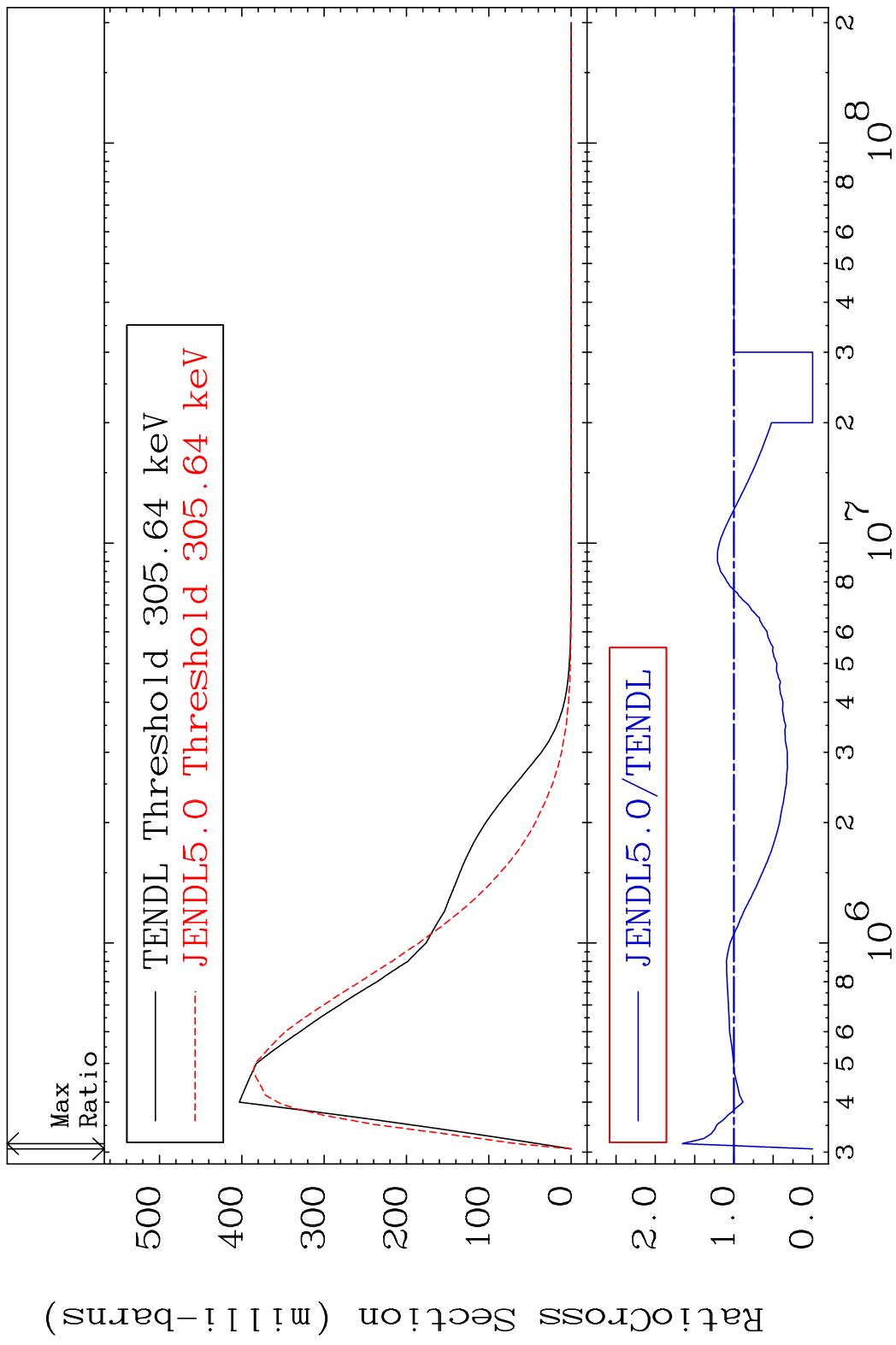
MAT 4640 MT= 51 (n, n') Level 46-Pd-107
 Cross Section -100.0 To 199.3 %



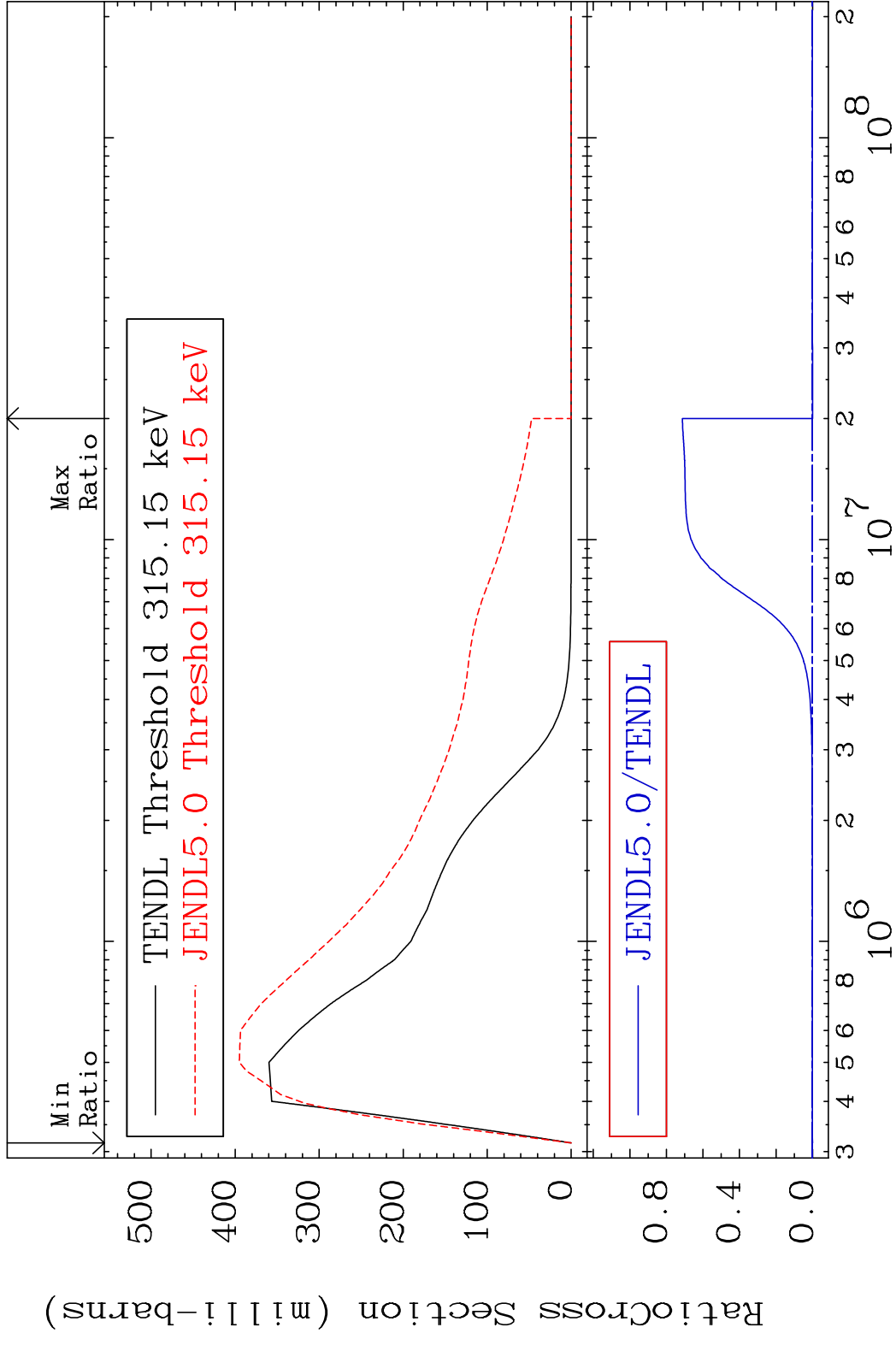
MAT 4640 MT= 52 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 53.77 %



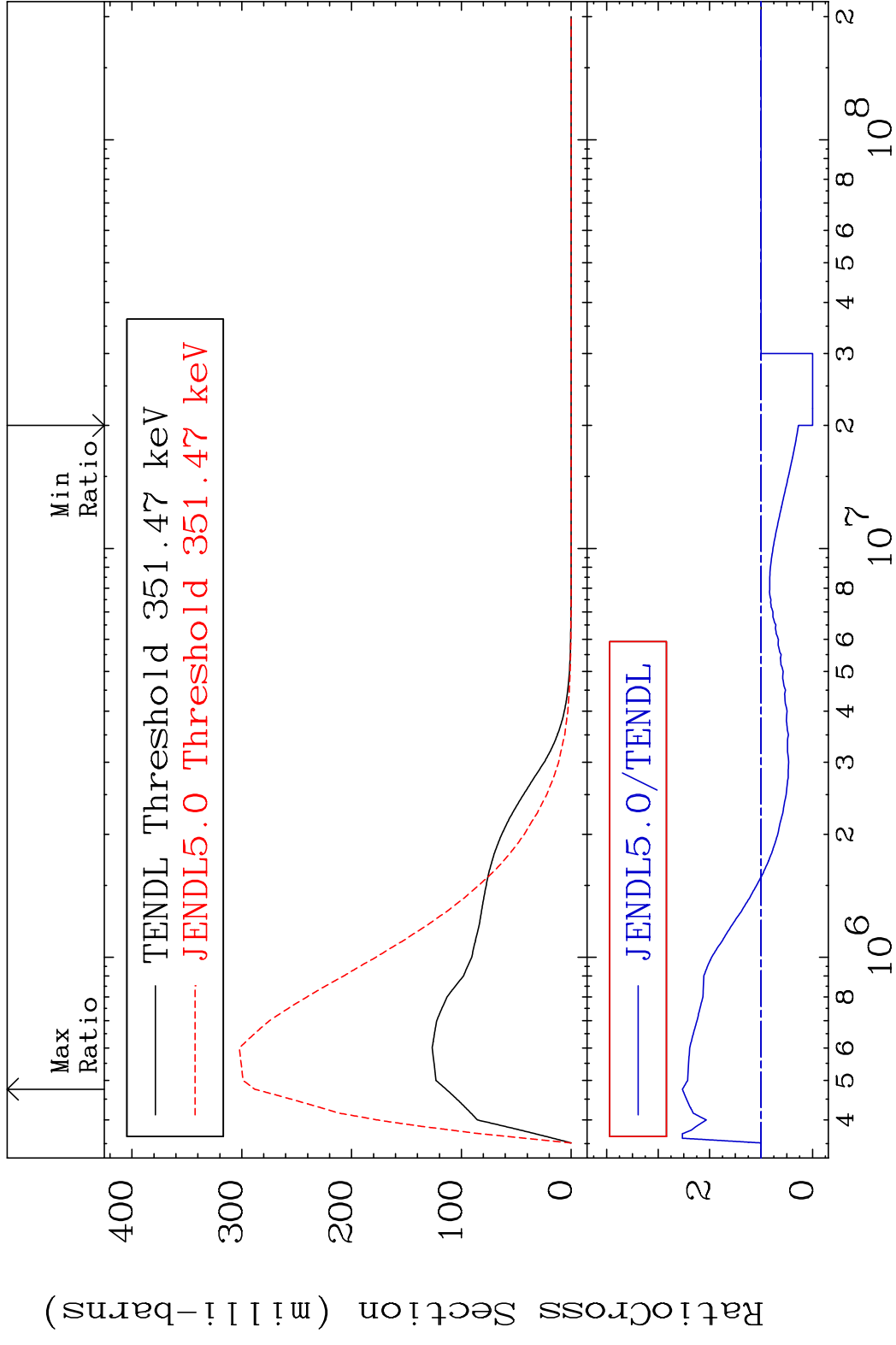
MAT 4640 MT= 53 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 65.59 %



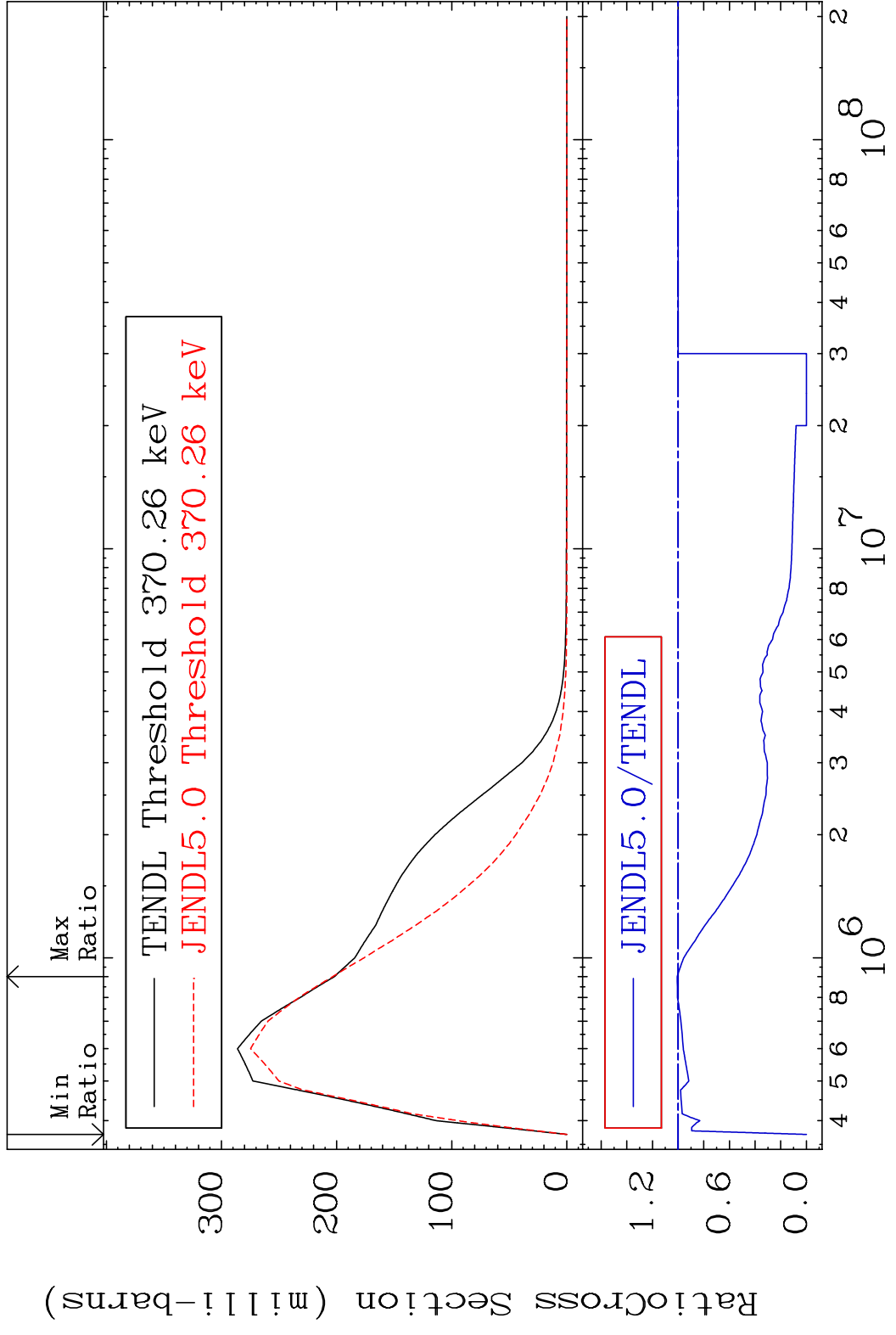
MAT 4640 MT= 54 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 9999. %



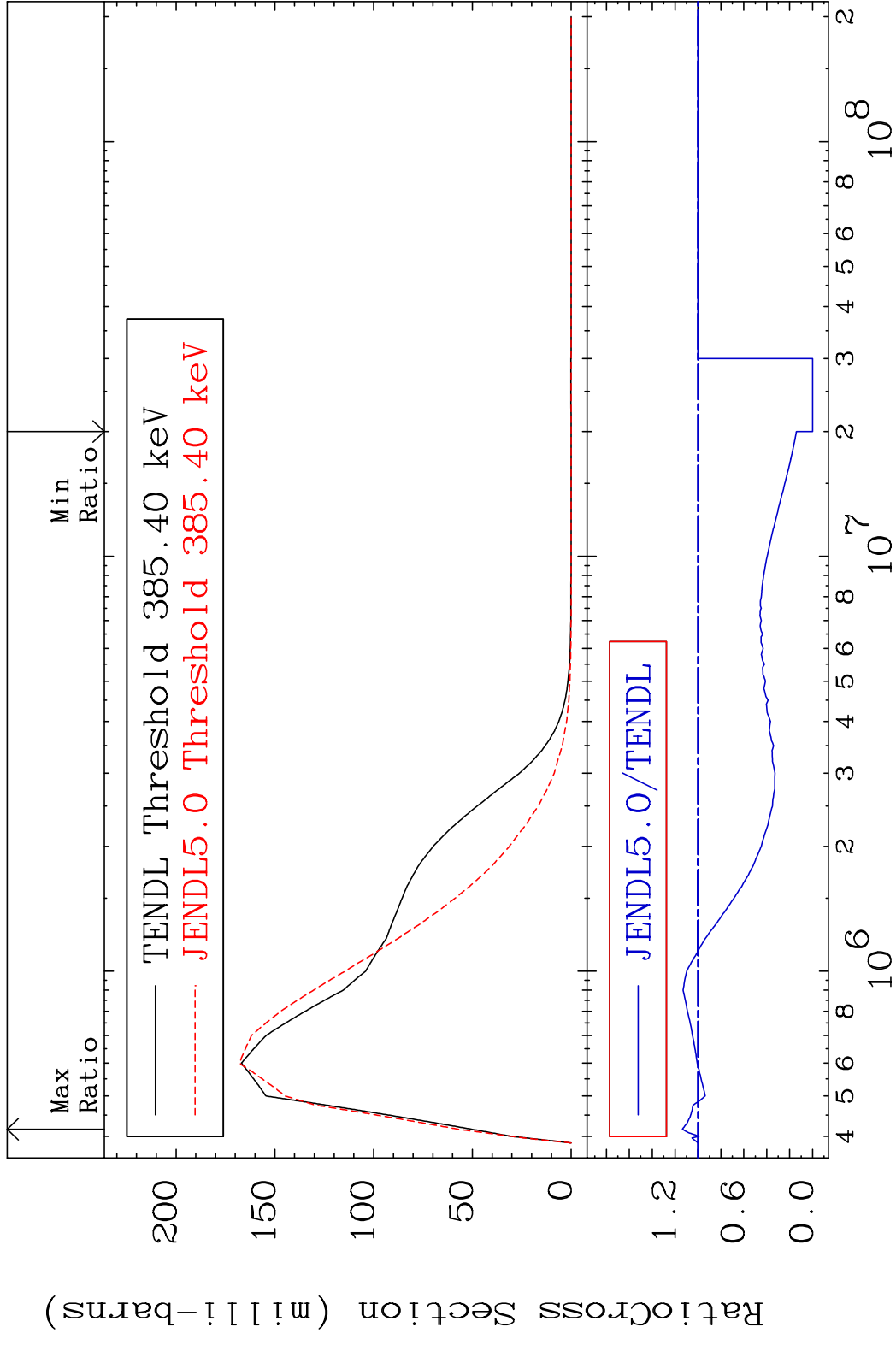
MAT 4640 MT= 55 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 152.9 %



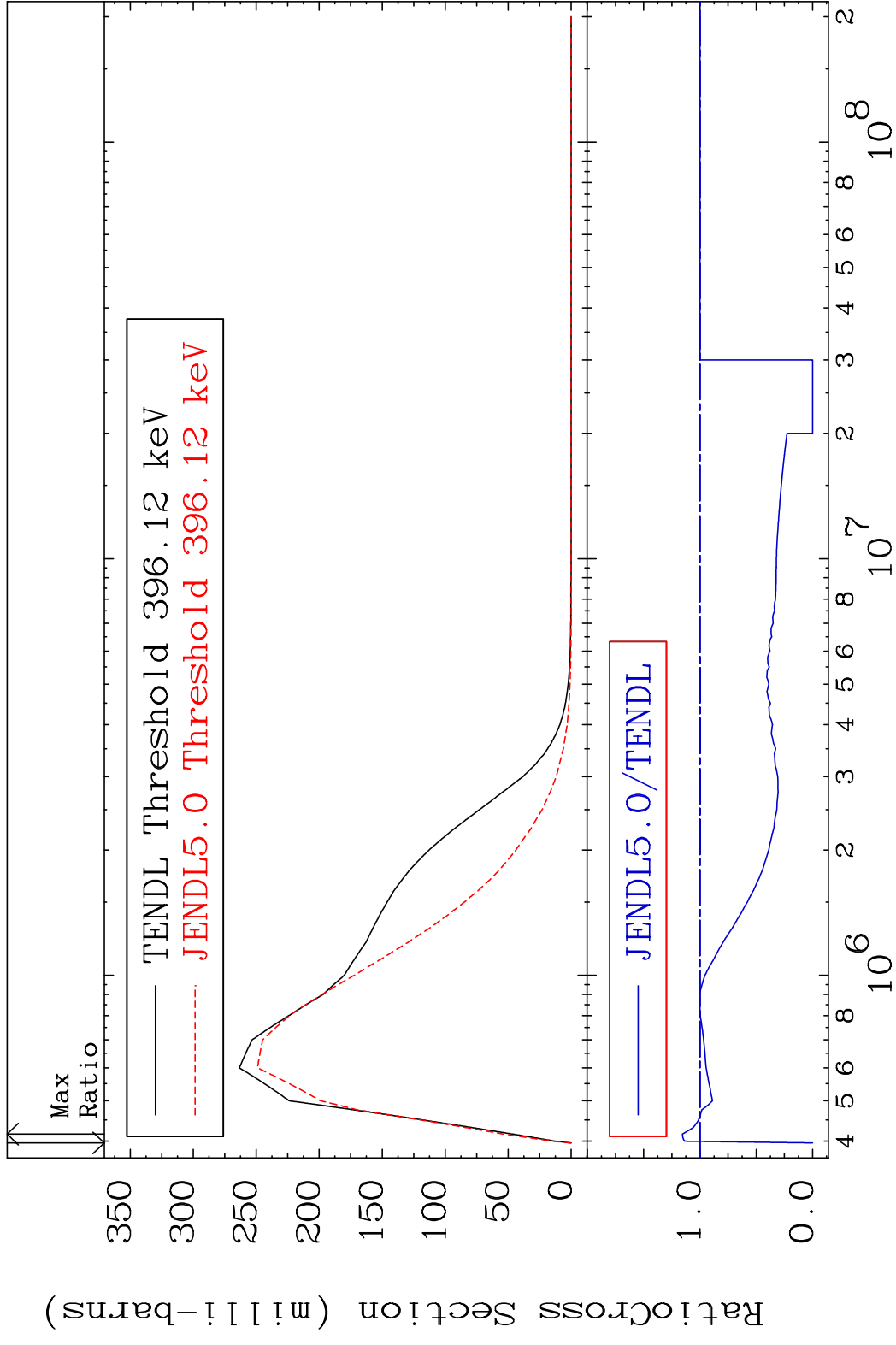
MAT 4640 MT= 56 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 0.749 %



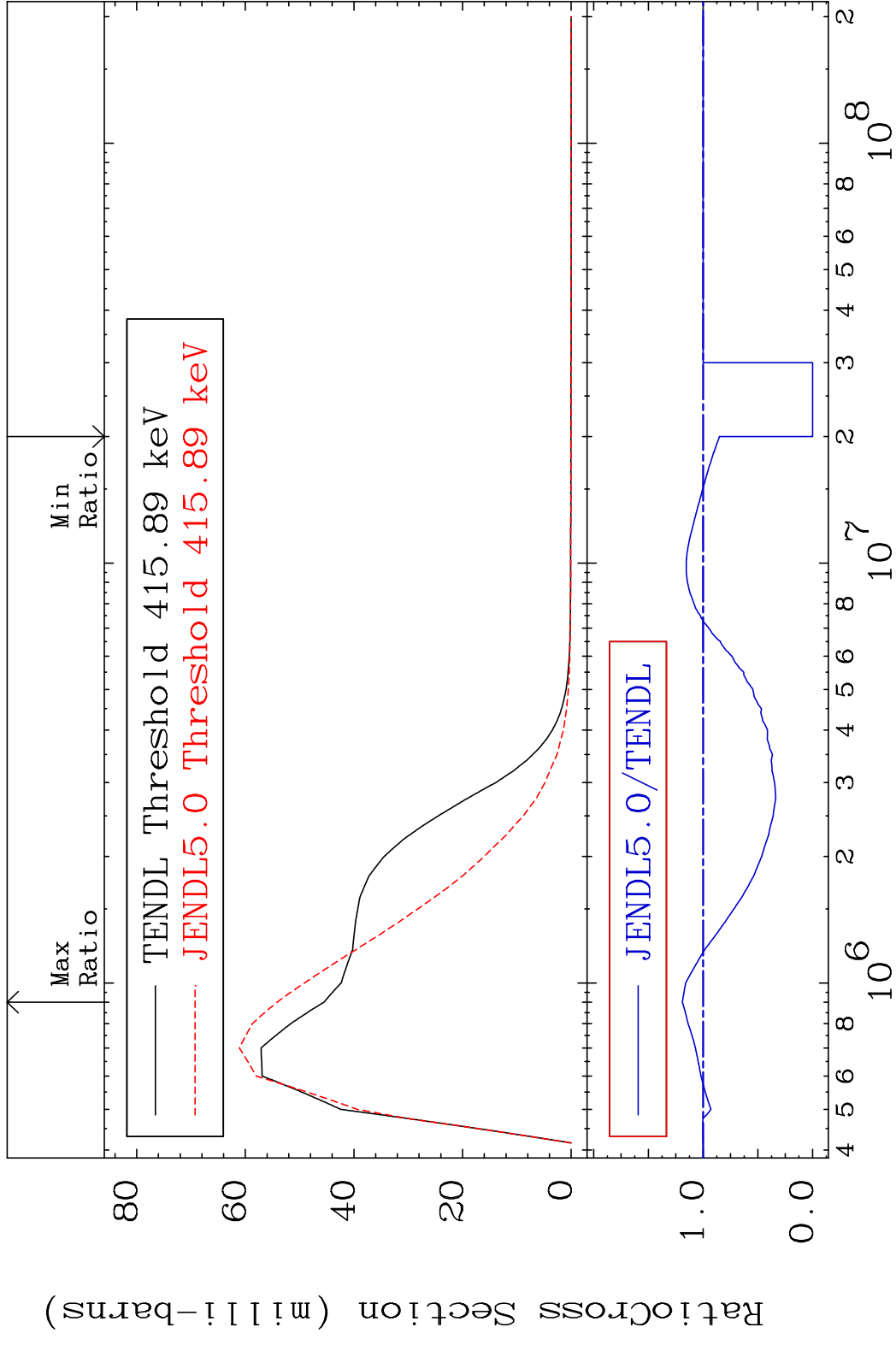
MAT 4640 MT= 57 (n, n') Level 46-Pd-107
 Cross Section -100.0 To 13.66 %



MAT 4640 MT= 58 (n,n') Level 46-Pd-107
 Cross Section -100.0 To 15.63 %

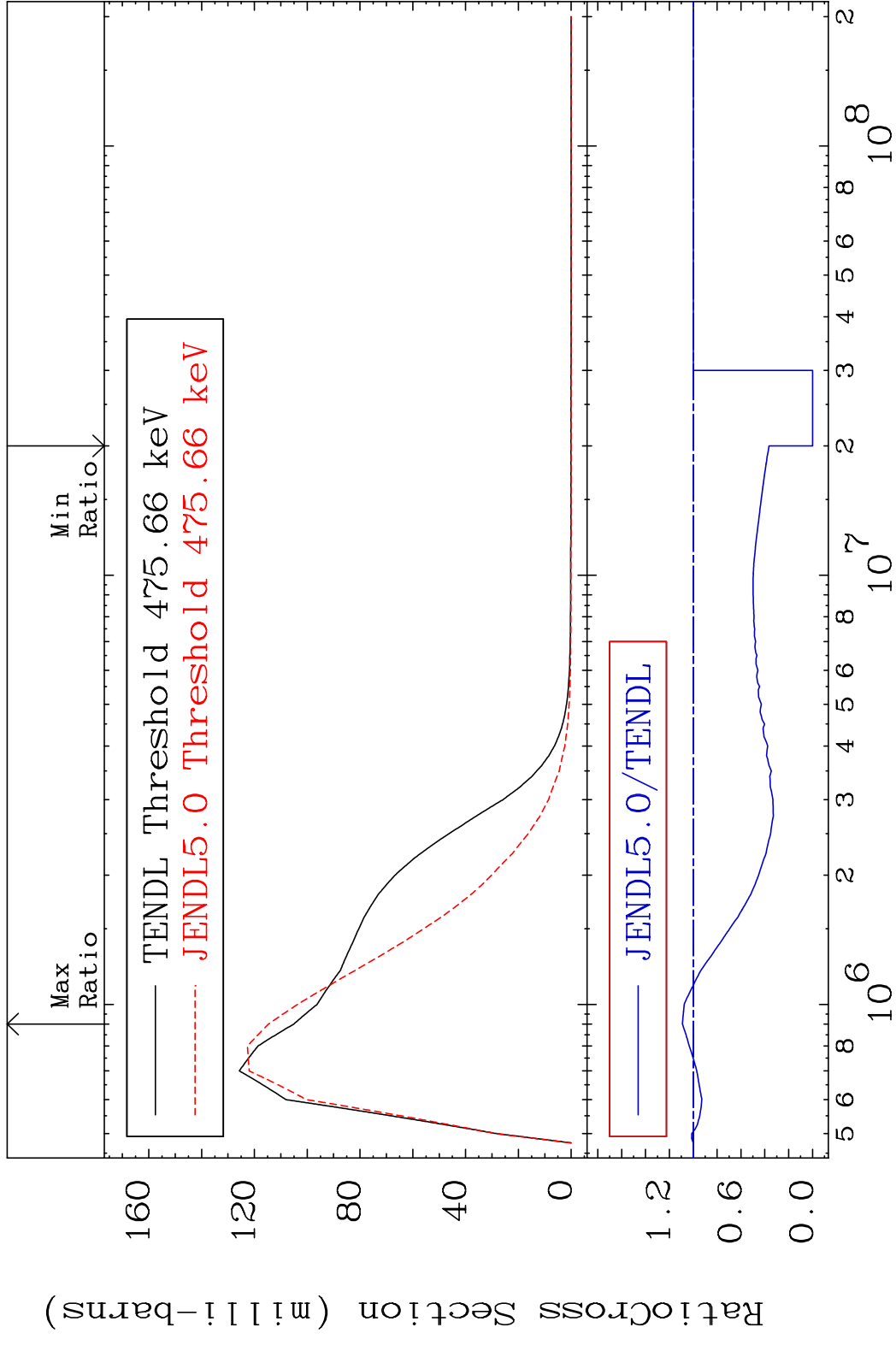


MAT 4640 MT= 59 (n, n') Level 46-Pd-107
 Cross Section -100.0 To 18.97 %

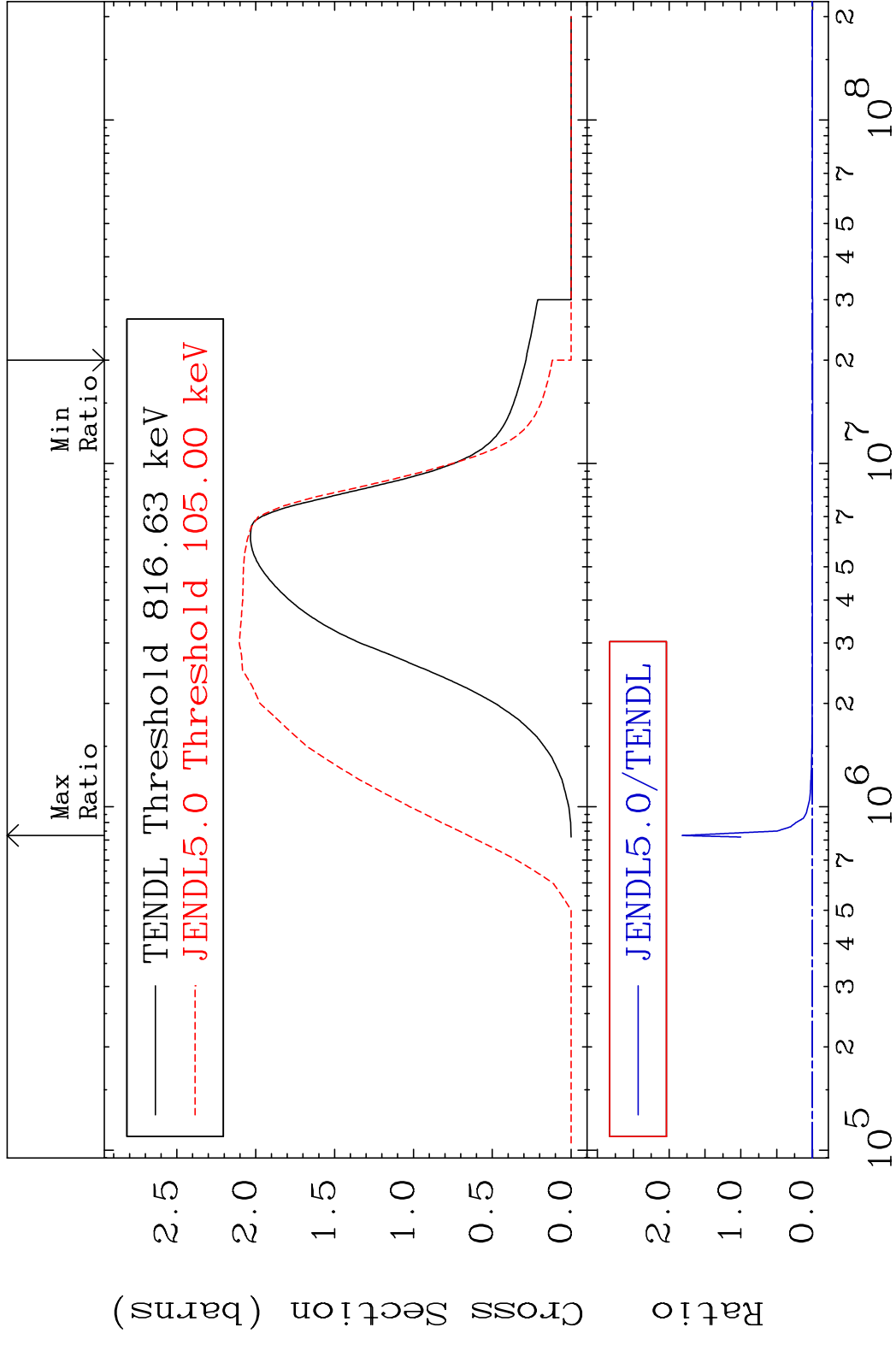


20 Incident Energy (eV) 46-Pd-107

MAT 4640 MT= 60 (n, n') Level 46-Pd-107
 Cross Section -100.0 To 9.122 %



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

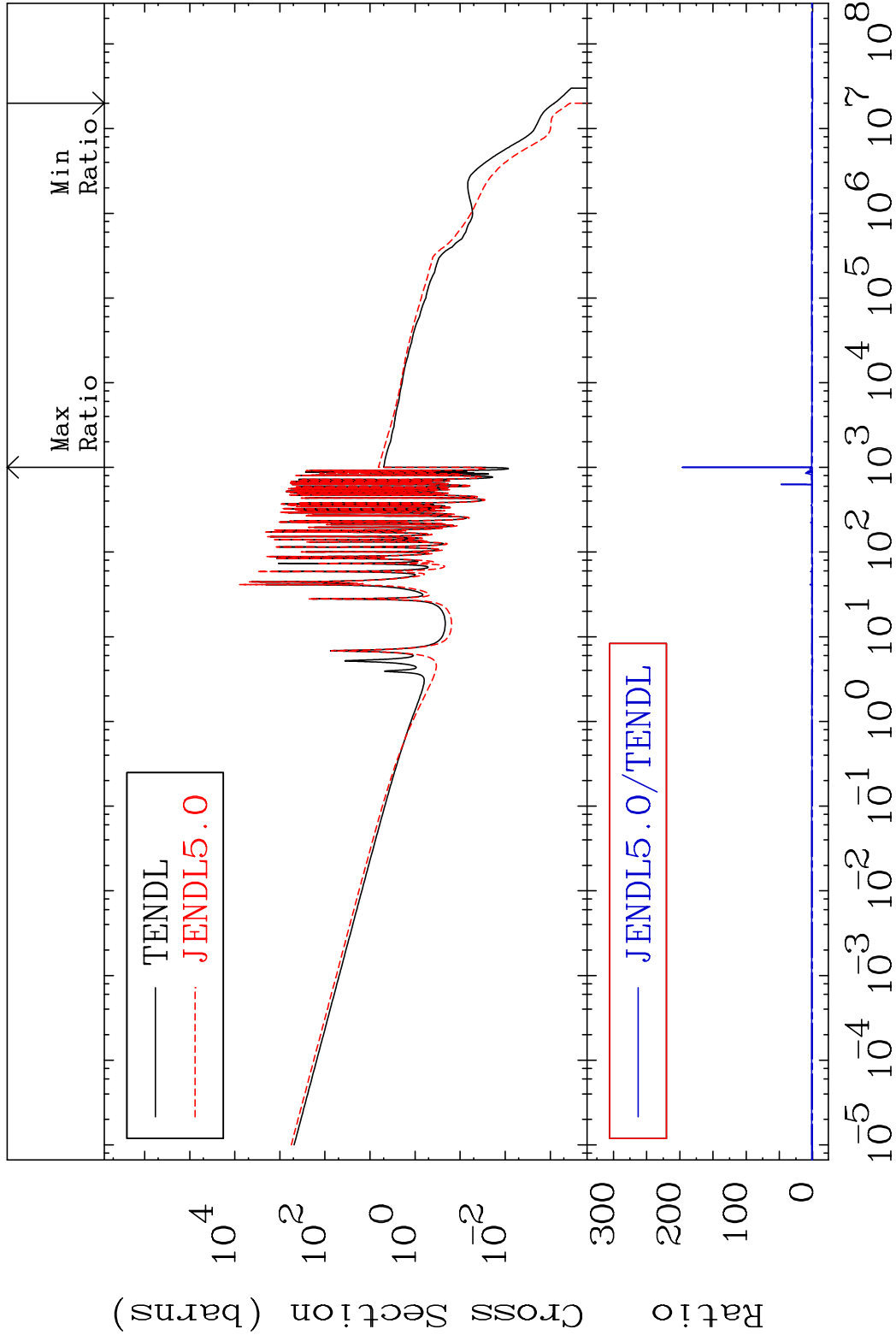


MAT 4640

(n, γ)

46-Pd-107

Cross Section -100.0 To 9999. %

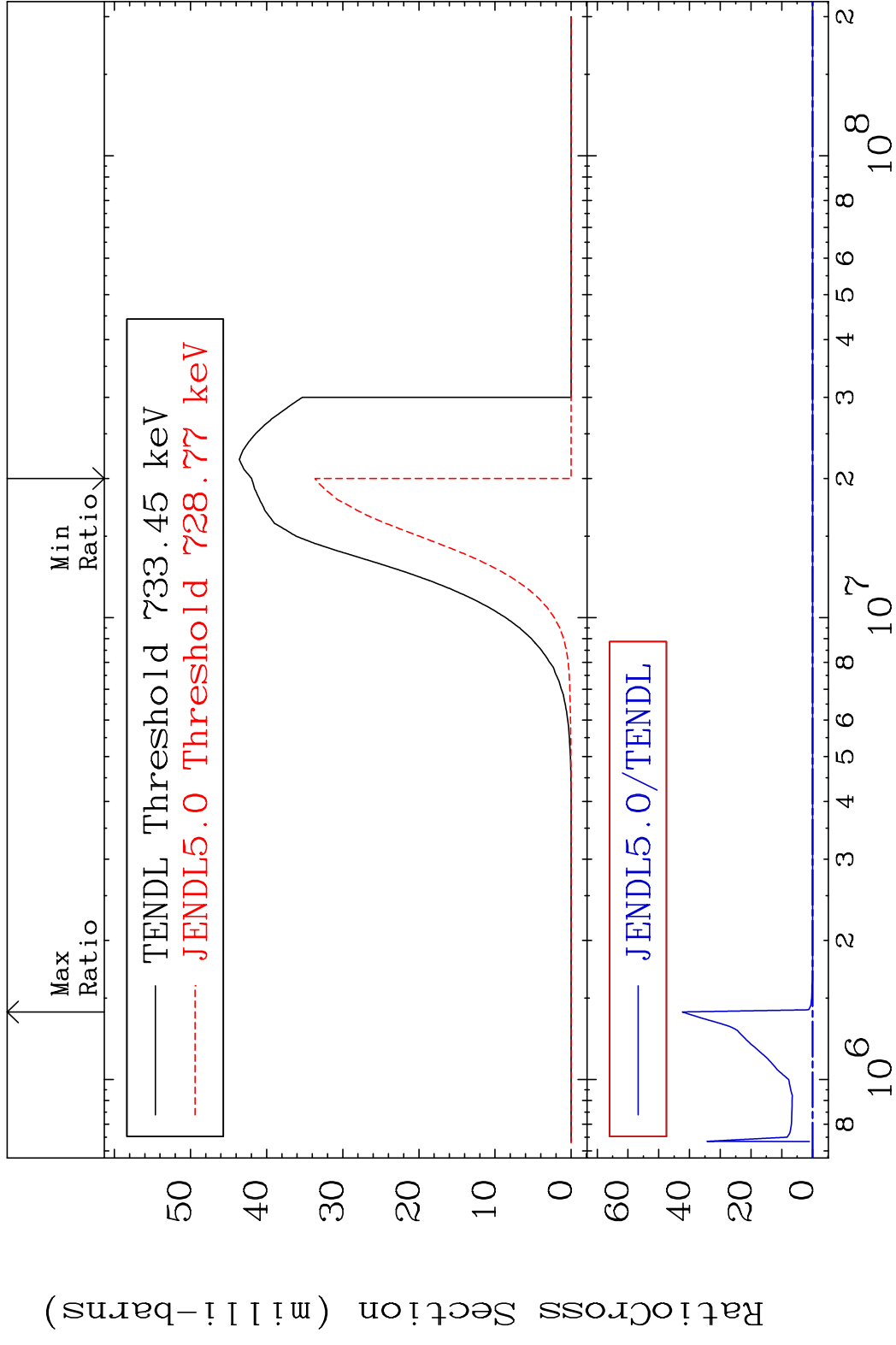


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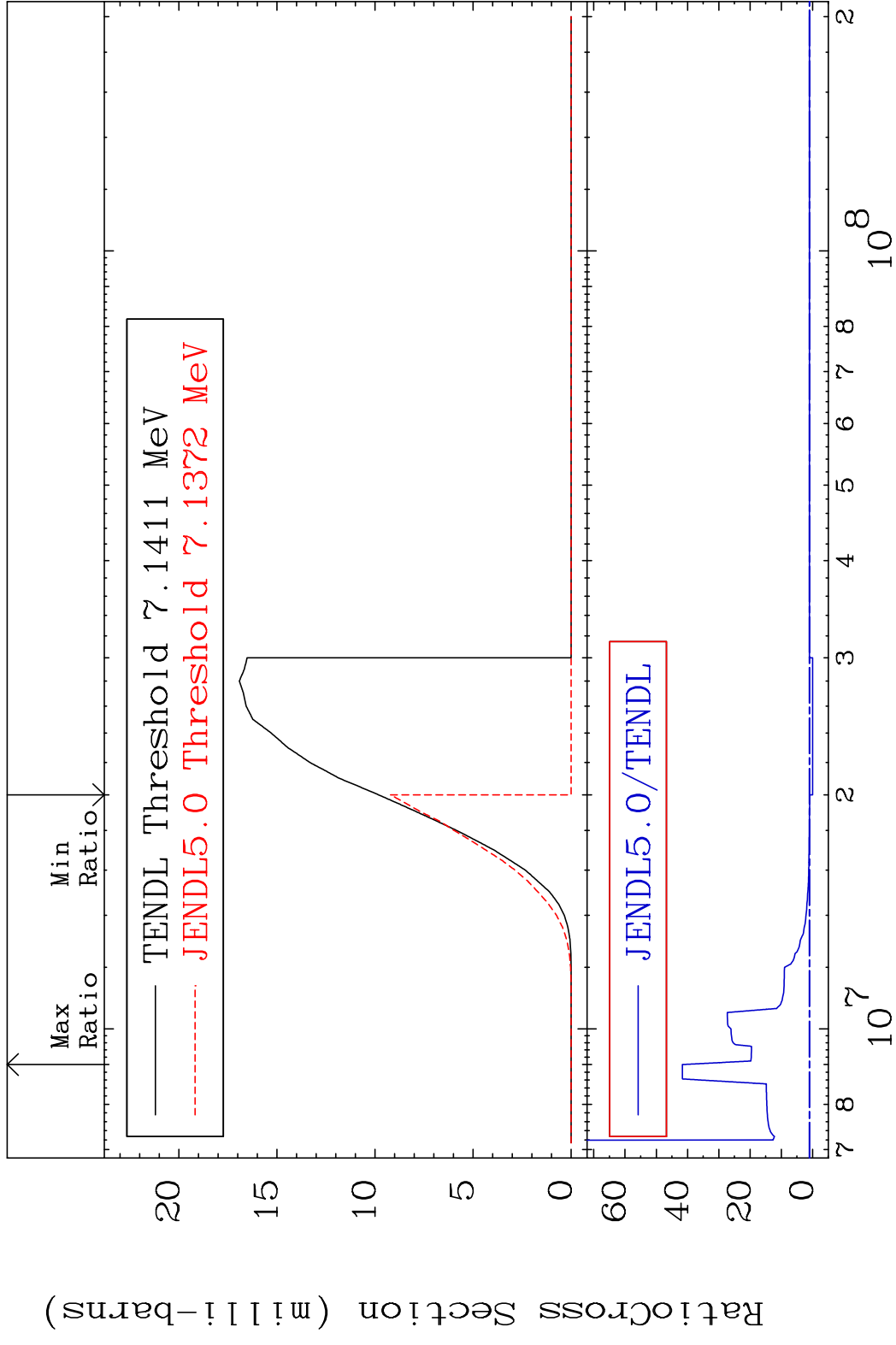
Incident Energy (eV)

46-Pd-107

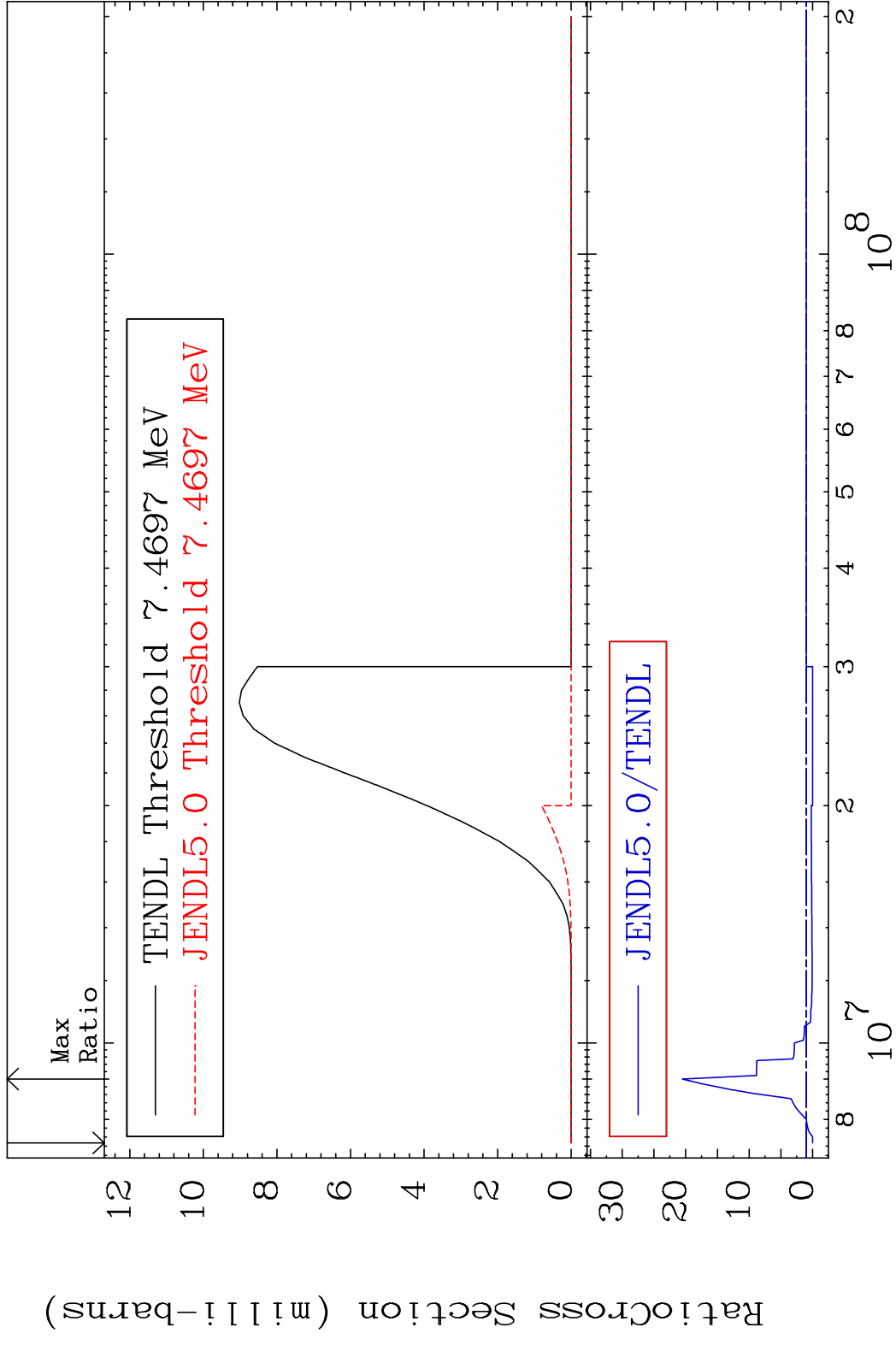
MAT 4640 (n,p) 46-Pd-107
 Cross Section -100.0 To 9999. %



MAT 4640 (n,d) 46-Pd-107
 Cross Section -100.0 To 4066. %



MAT 4640 (n, t) 46-Pd-107
 Cross Section -100.0 To 1952. %

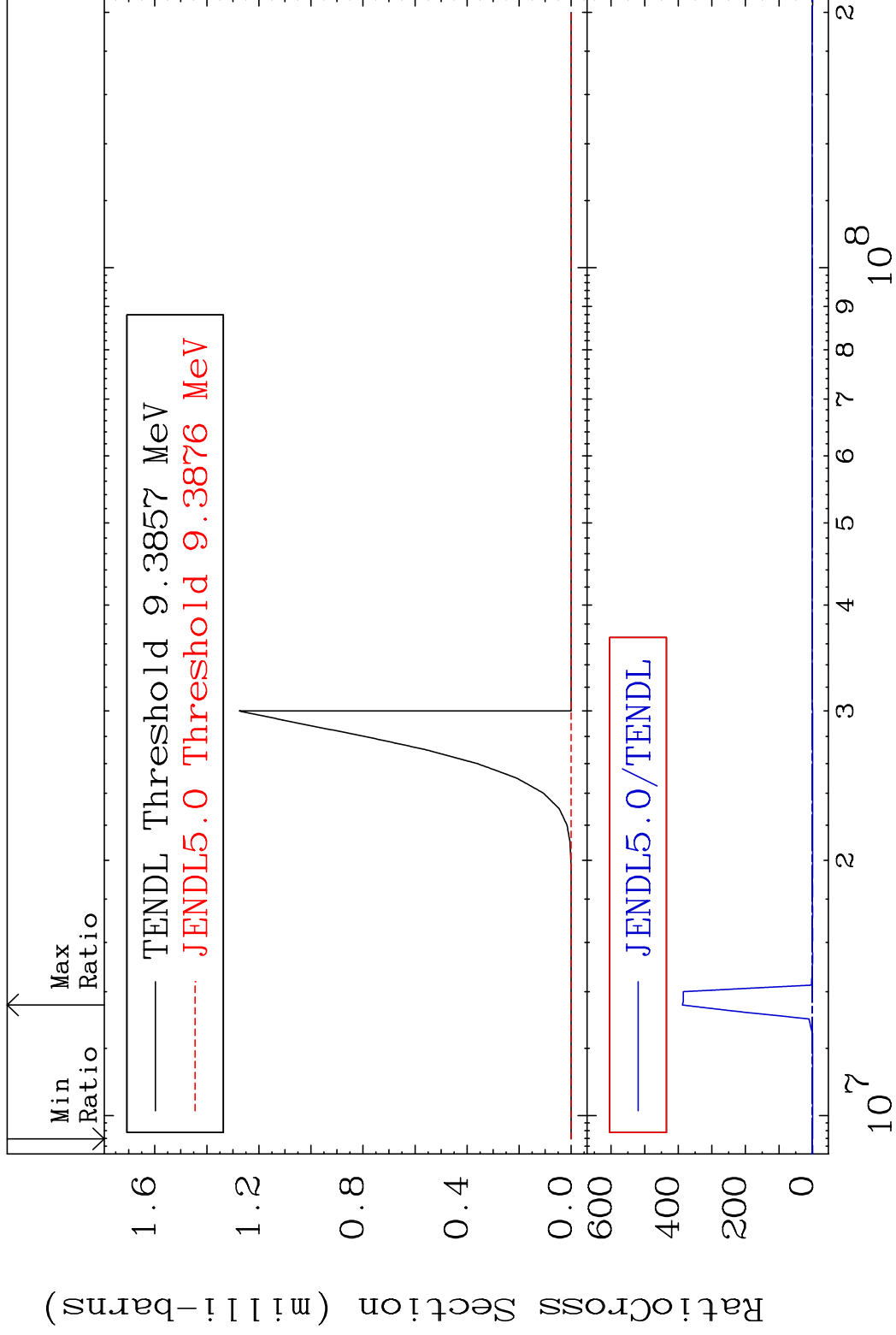


MAT 4640

(n, He-3)

46-Pd-107

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

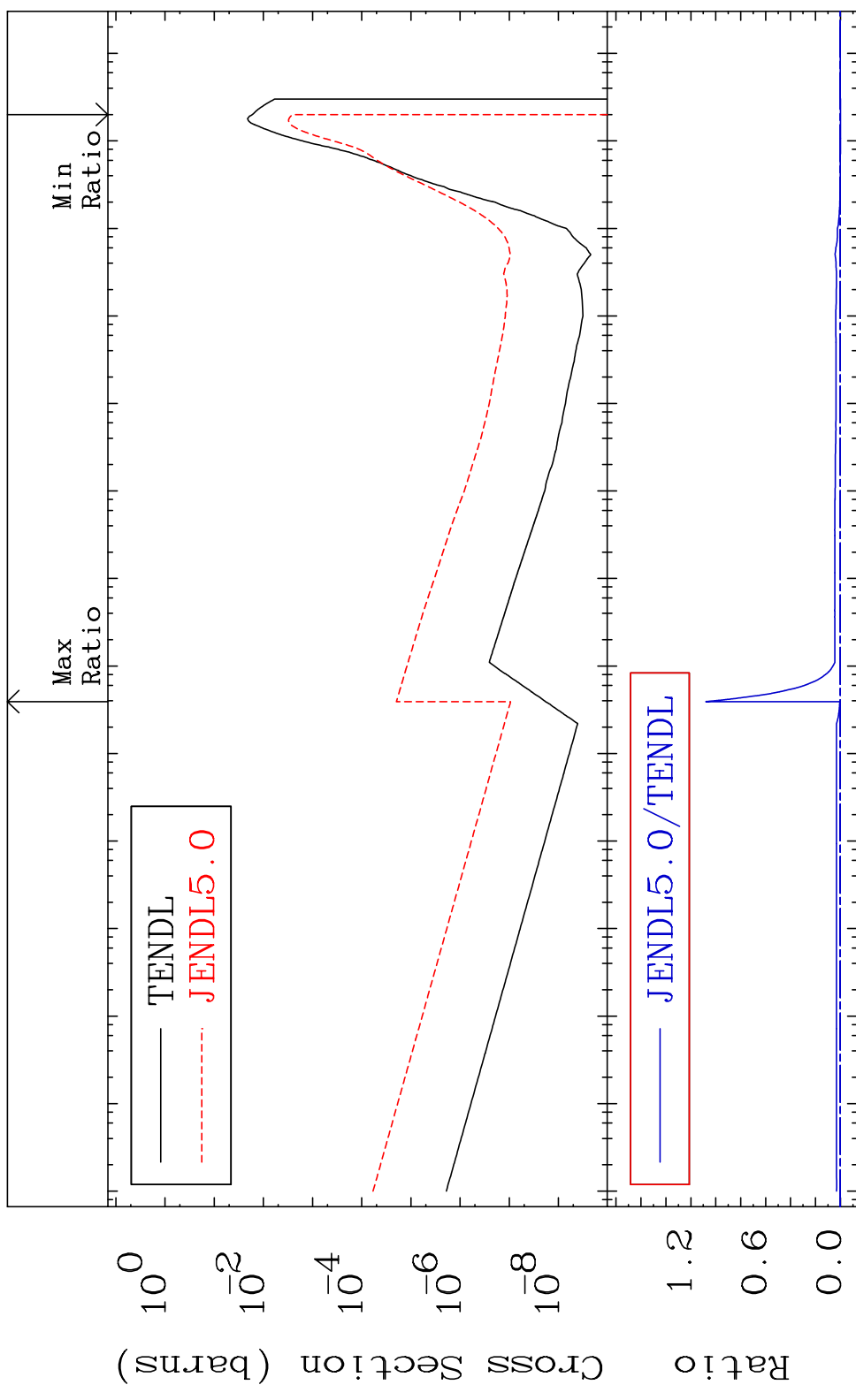
46-Pd-107

MAT 4640

(n, α)

46-Pd-107

Cross Section -100.0 To 9999. %

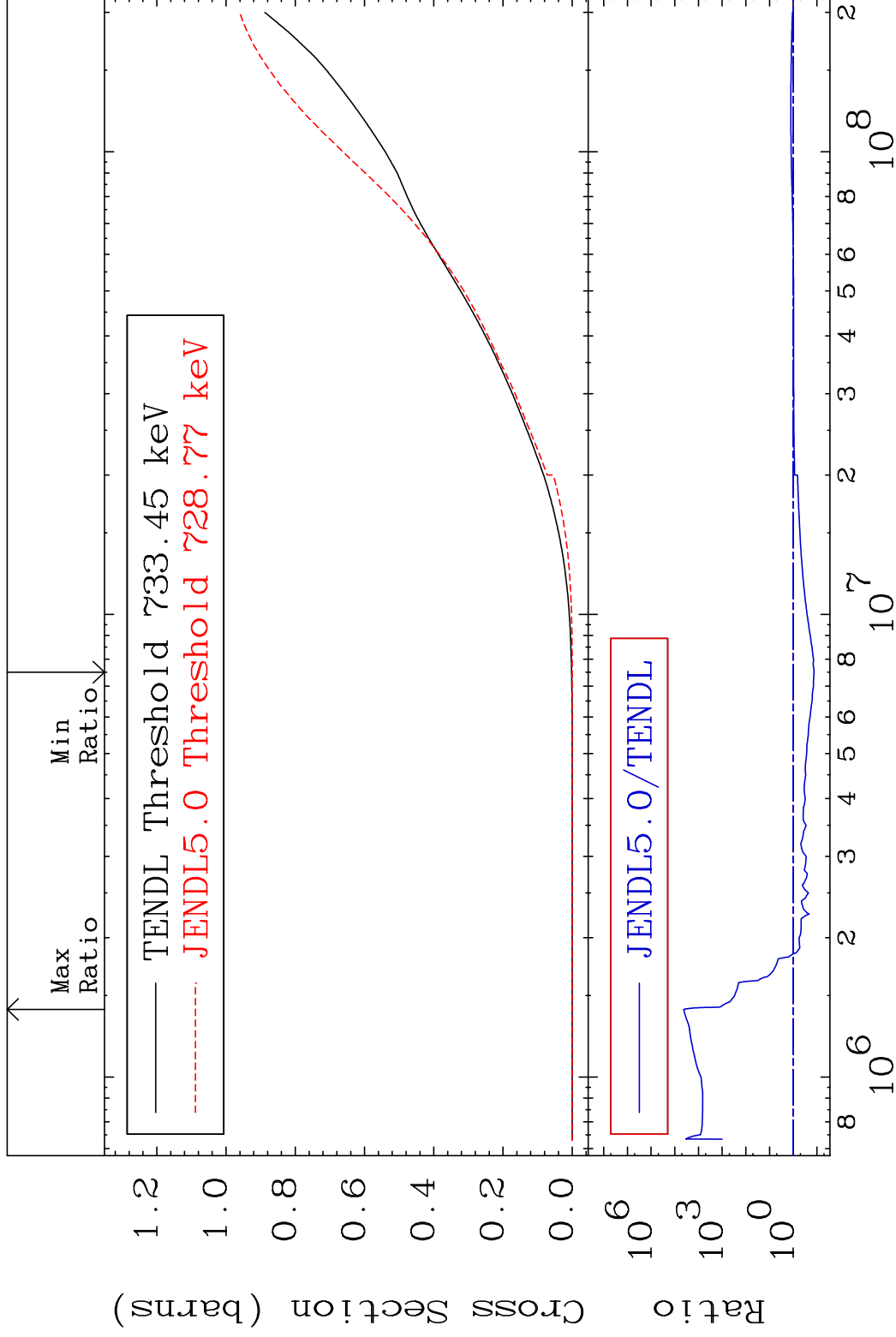


MAT 4640

Hydrogen Production

46-Pd-107

Cross Section -86.86 To 9999. %



29

Incident Energy (eV)

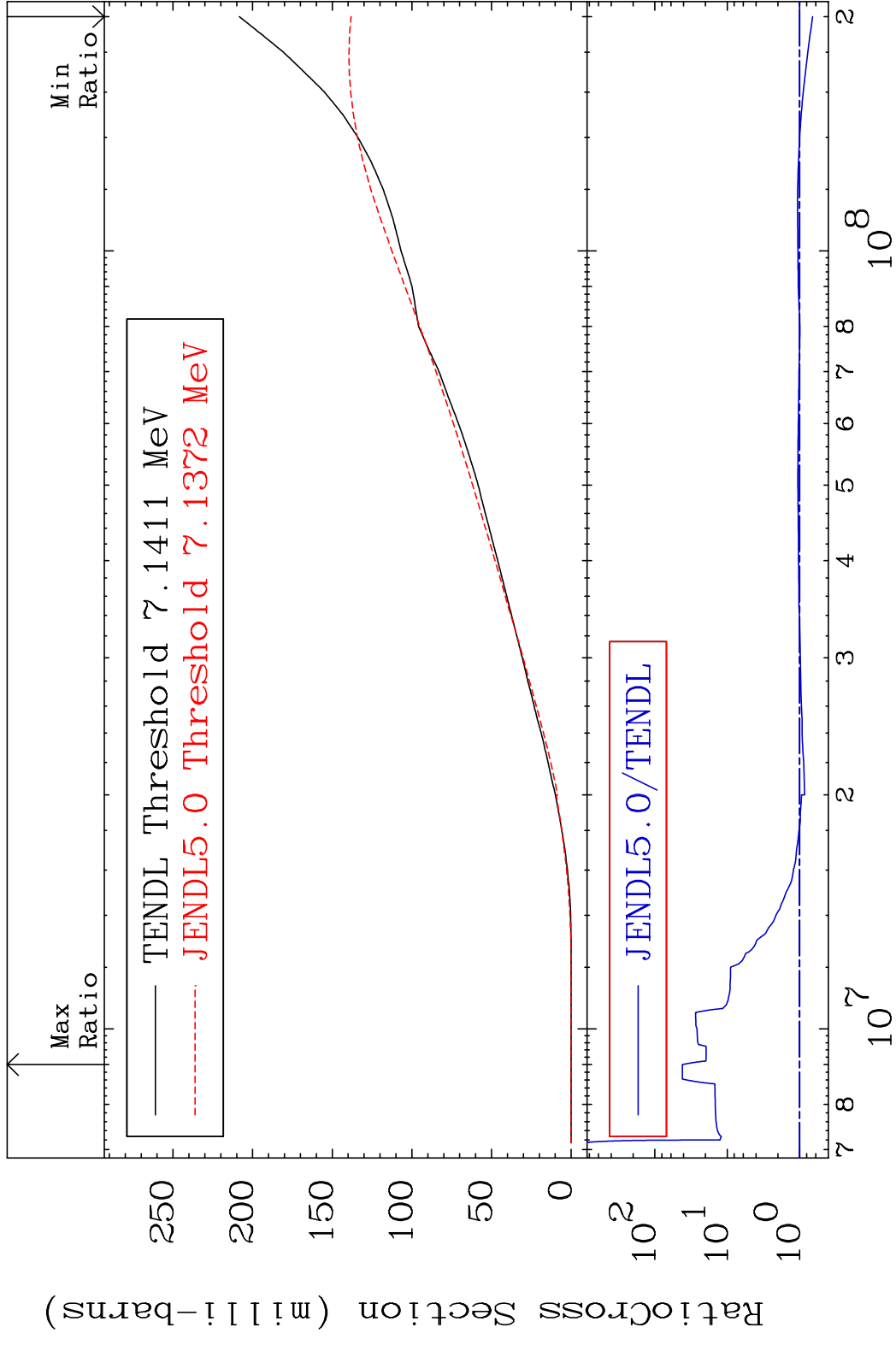
46-Pd-107

MAT 4640

Deuterium Production

46-Pd-107

Cross Section -33.68 To 4066. %

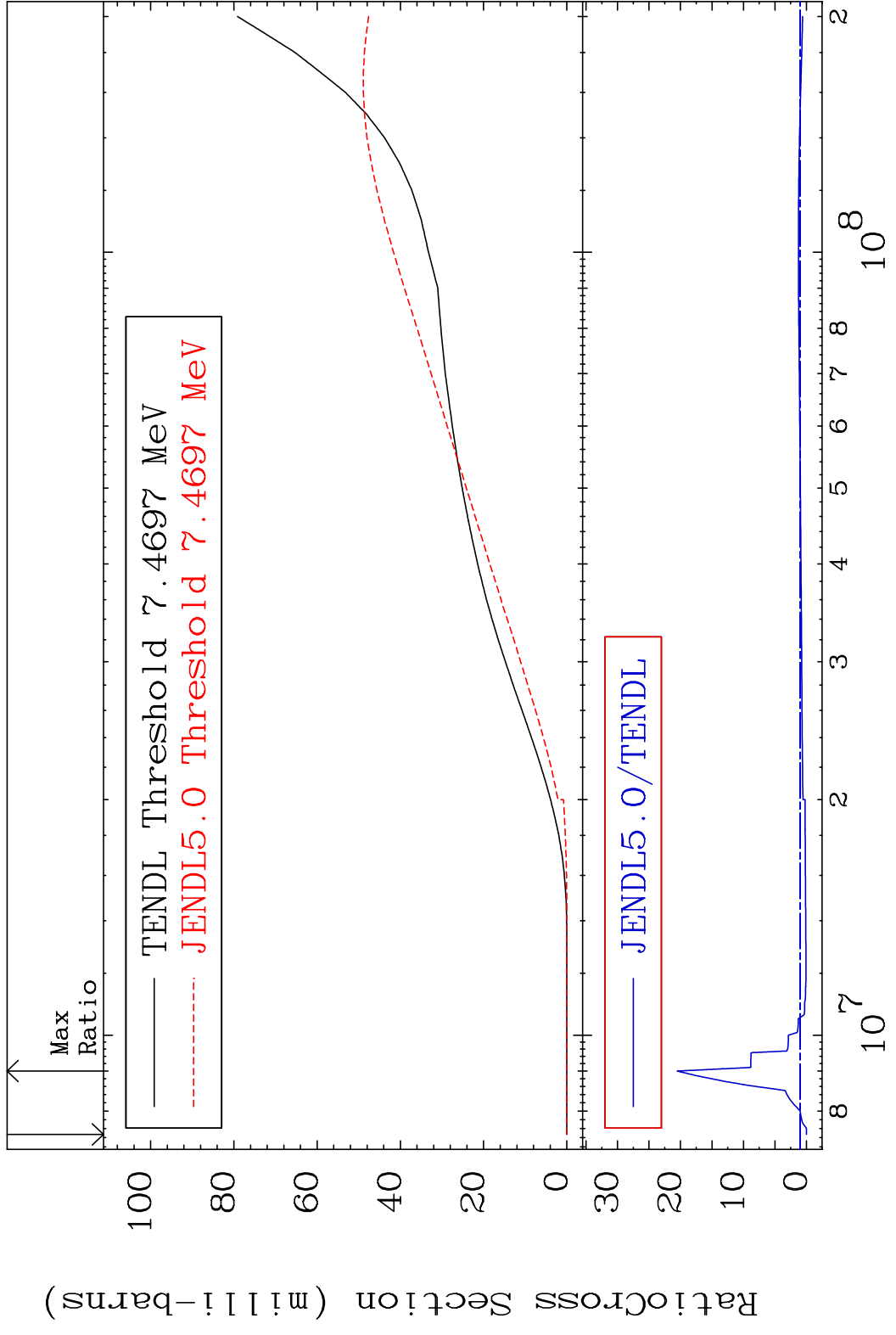


30

Incident Energy (eV)

46-Pd-107

MAT 4640 Tritium Production 46-Pd-107
 Cross Section -100.0 To 1952. %

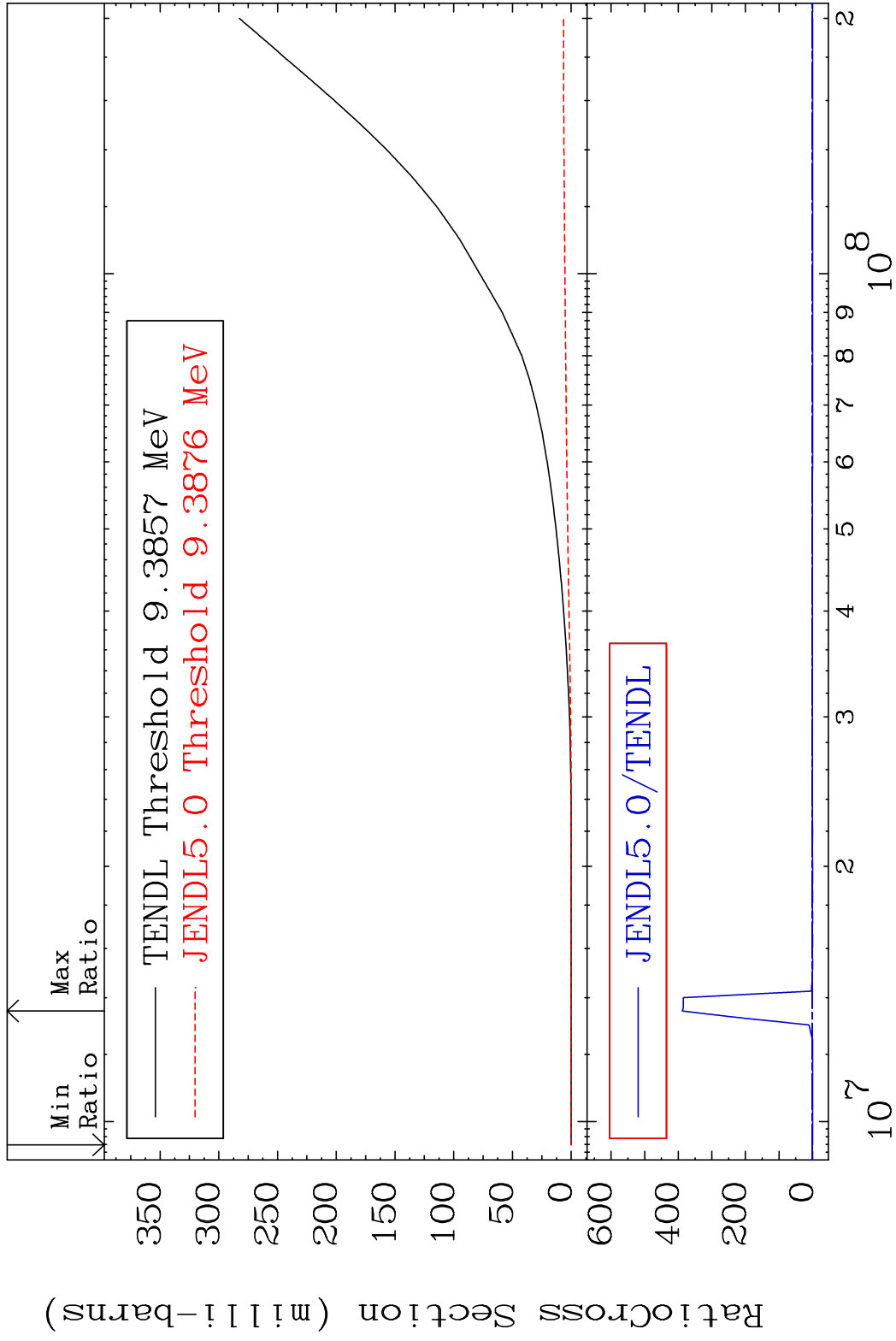


MAT 4640

He-3 Production

46-Pd-107

Cross Section -100.0 To 9999. %

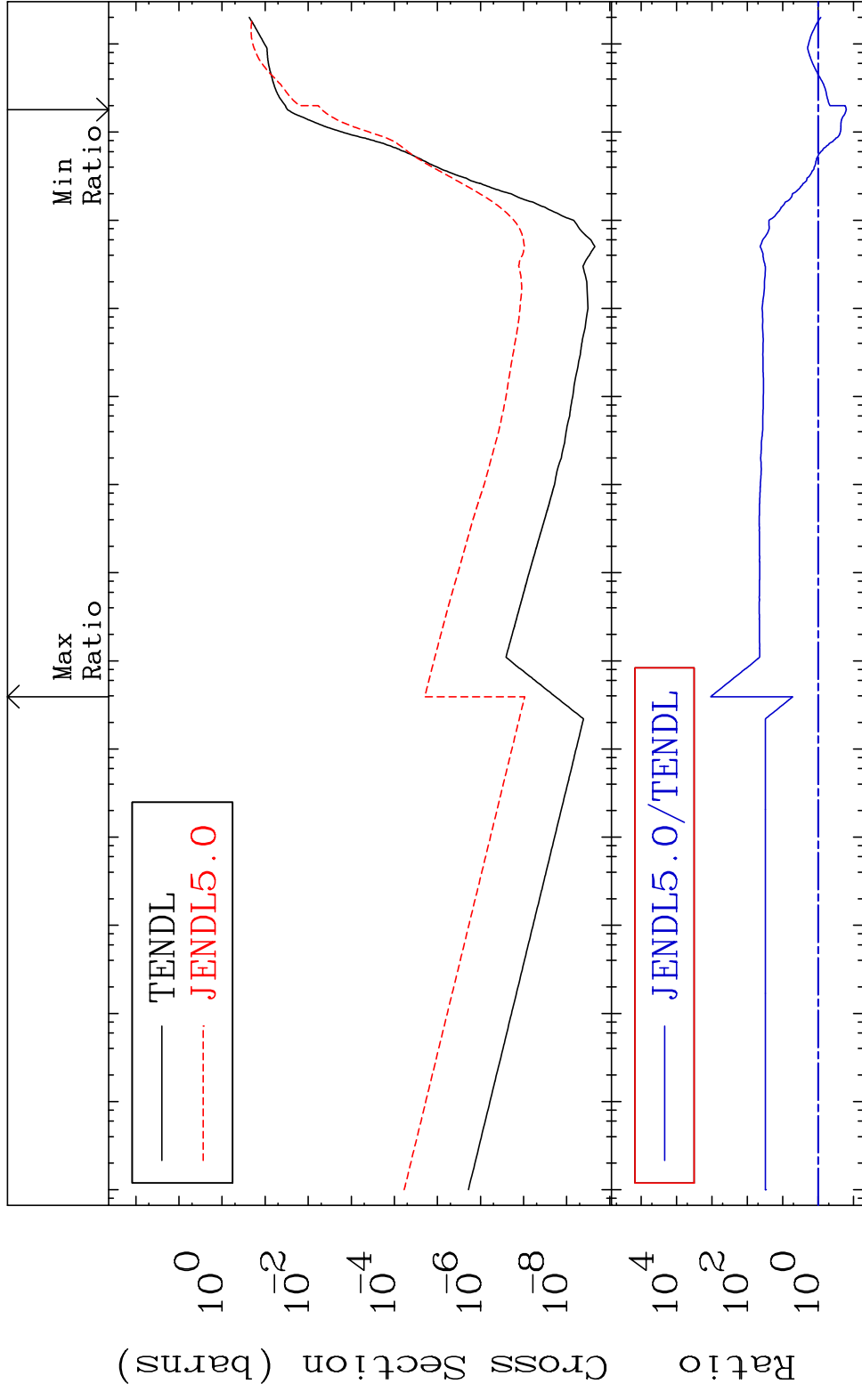


32

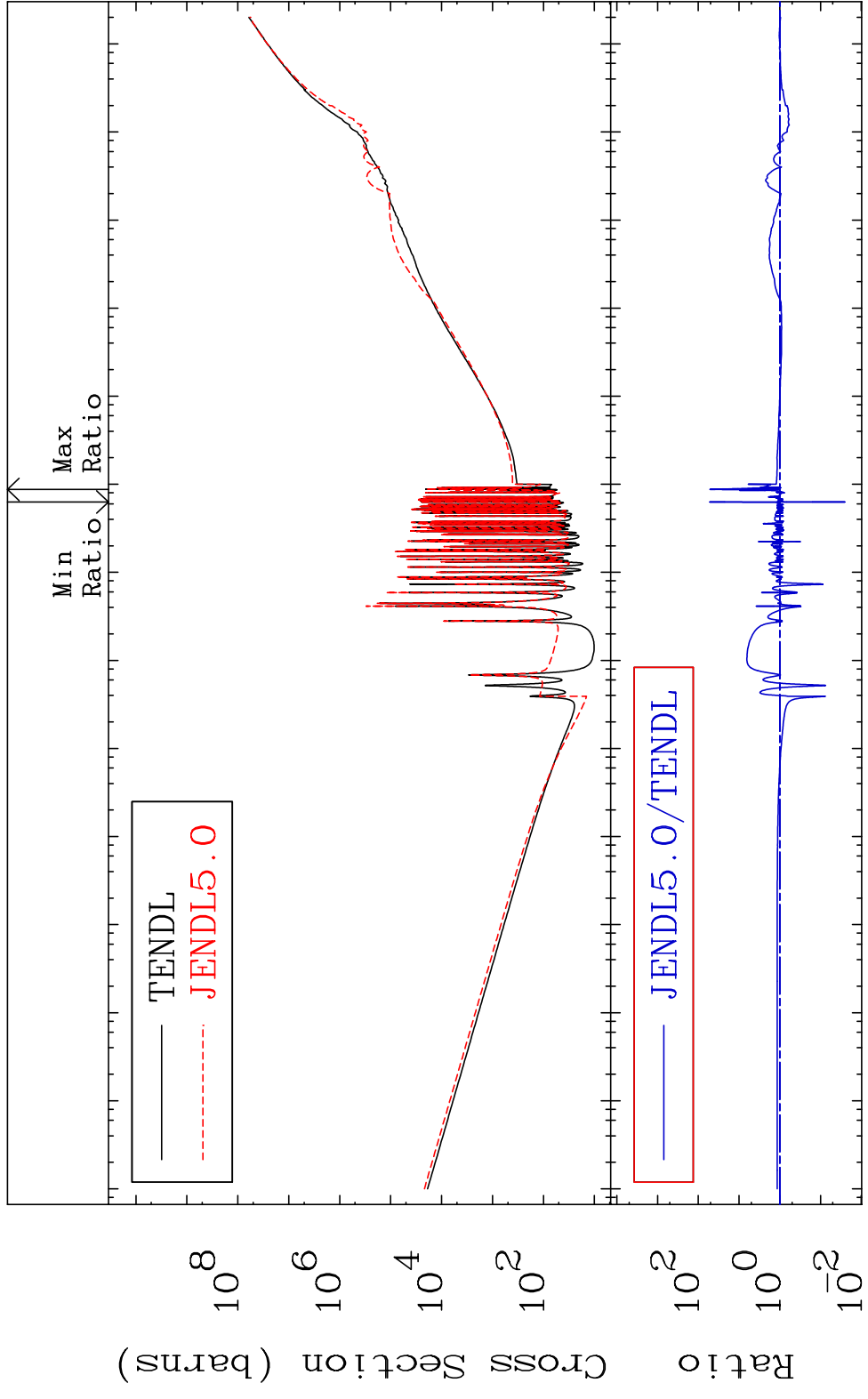
Incident Energy (eV)

46-Pd-107

MAT 4640 He-4 Production 46-Pd-107
 Cross Section -84.03 To 9999. %



MAT 4640 Kerma total (eV-barns) 46-Pd-107
 Cross Section -97.53 To 5120. %

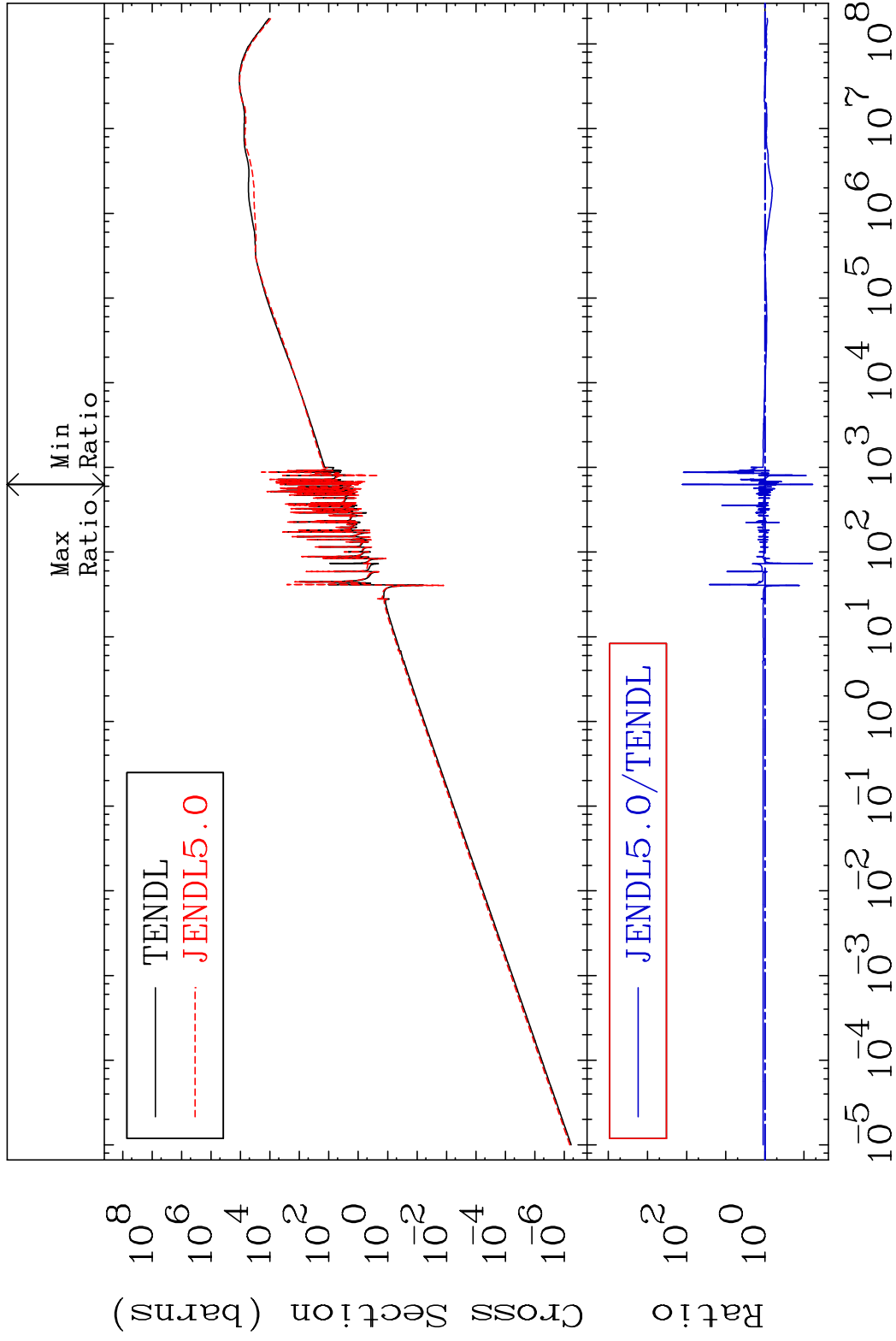


MAT 4640

Kerma elastic

46-Pd-107

Cross Section -93.94 To 9999. %

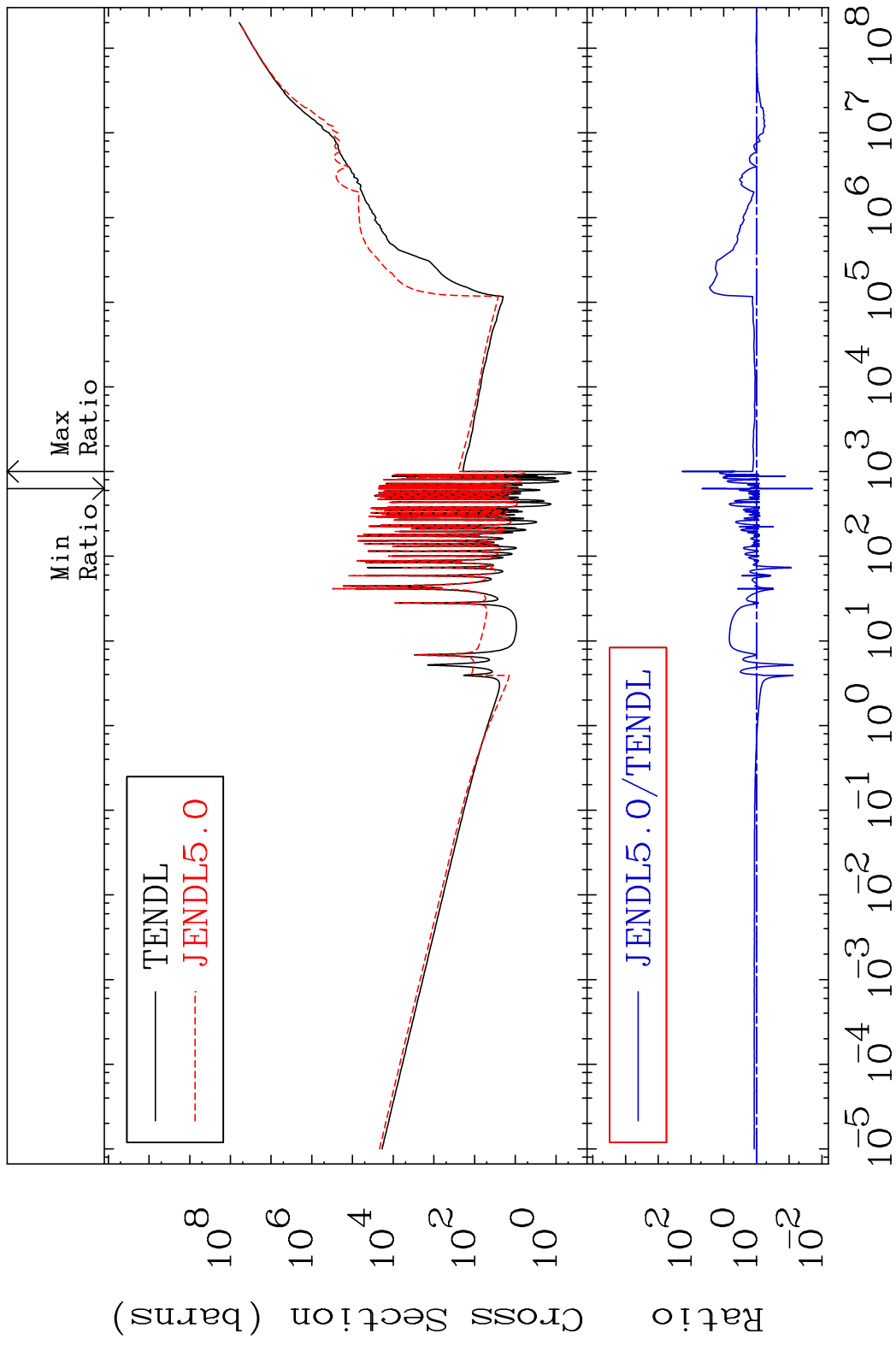


35

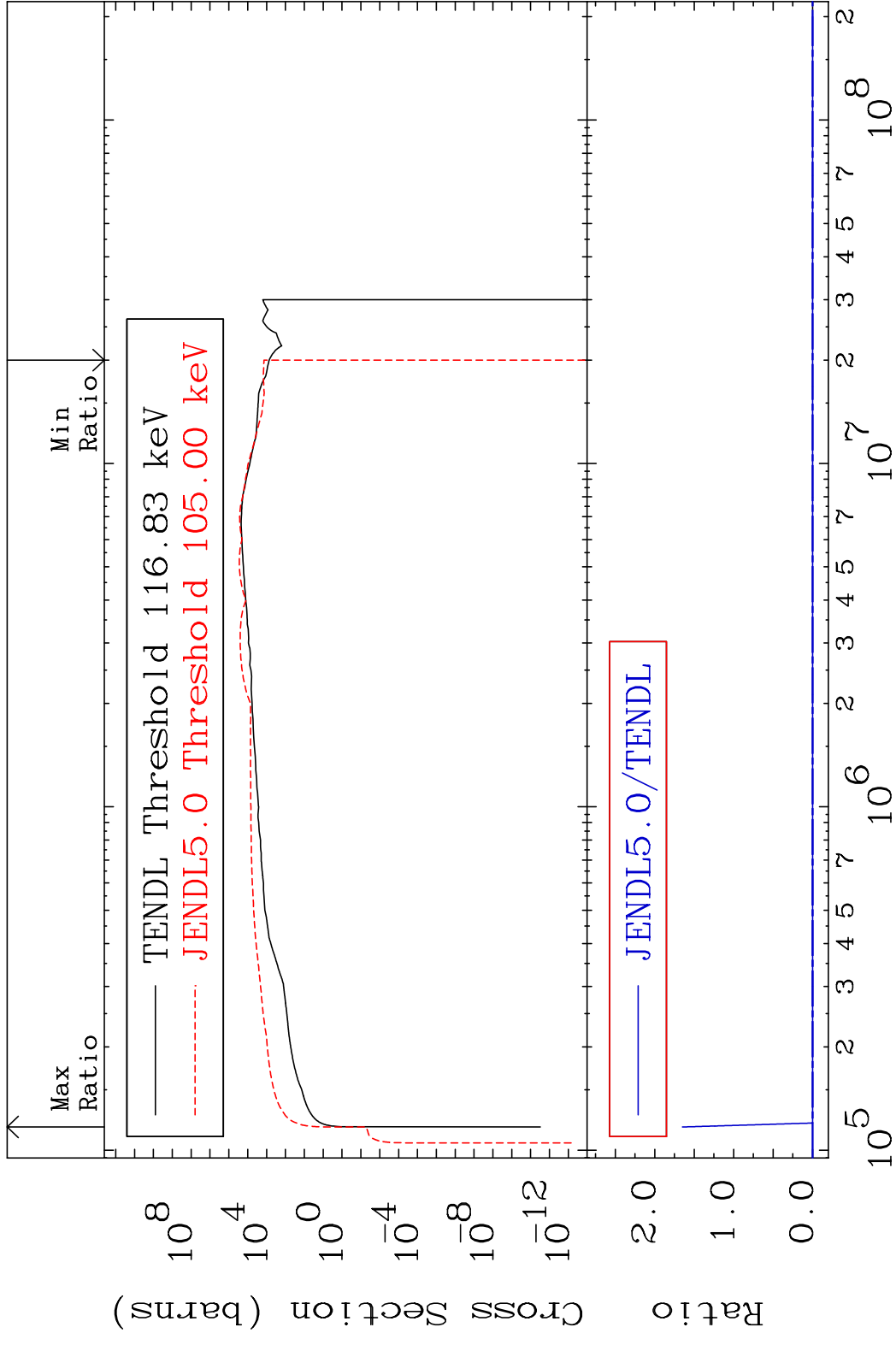
Incident Energy (eV)

46-Pd-107

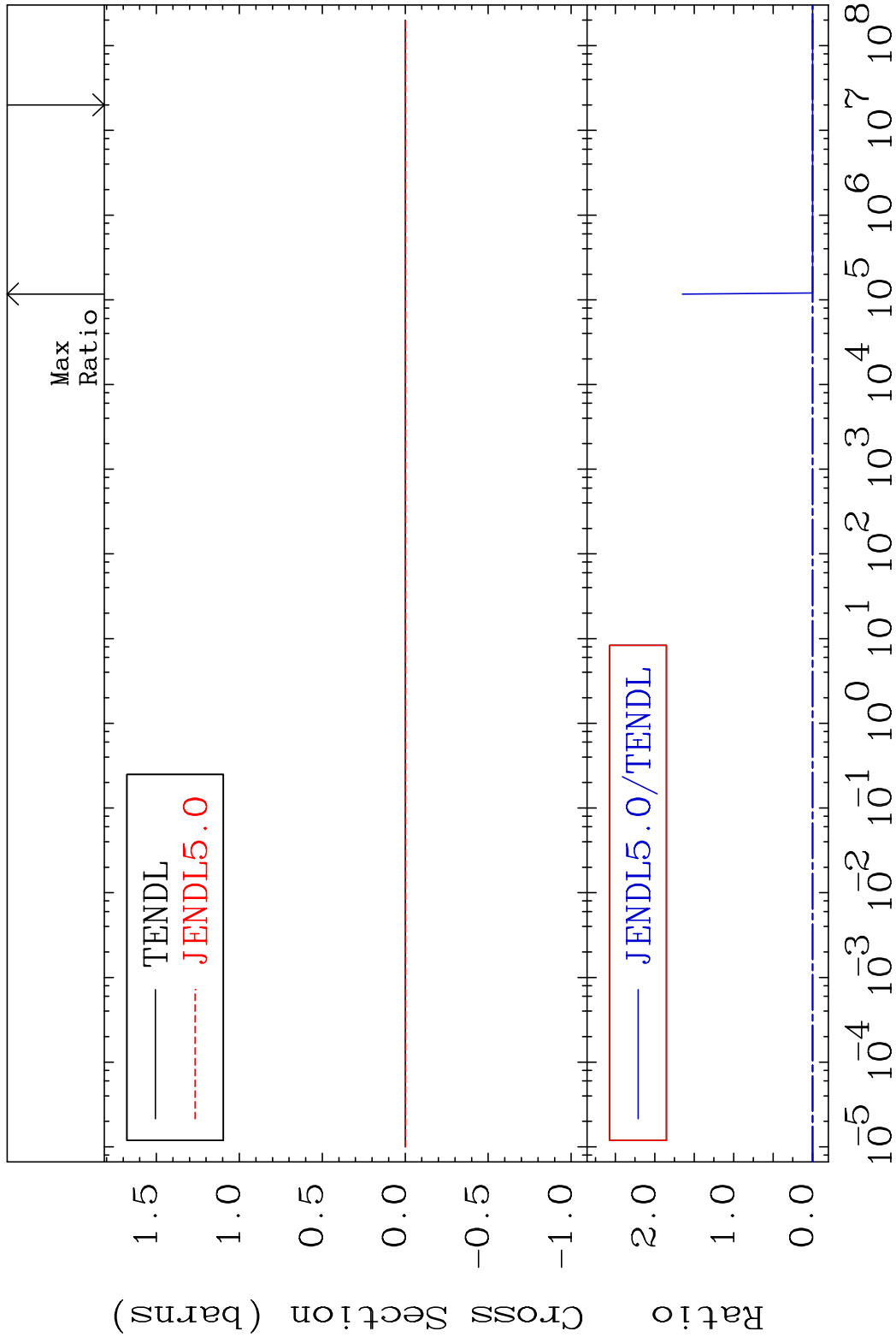
MAT 4640 Kerma non-elastic (all but mt2) 46-Pd-107
 Cross Section -98.07 To 9999. %



MAT 4640 Kerma inelastic (mt51-91) 46-Pd-107
 Cross Section -100.0 To 9999. %



MAT 4640 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-107
 Cross Section -100.0 To 9999. %

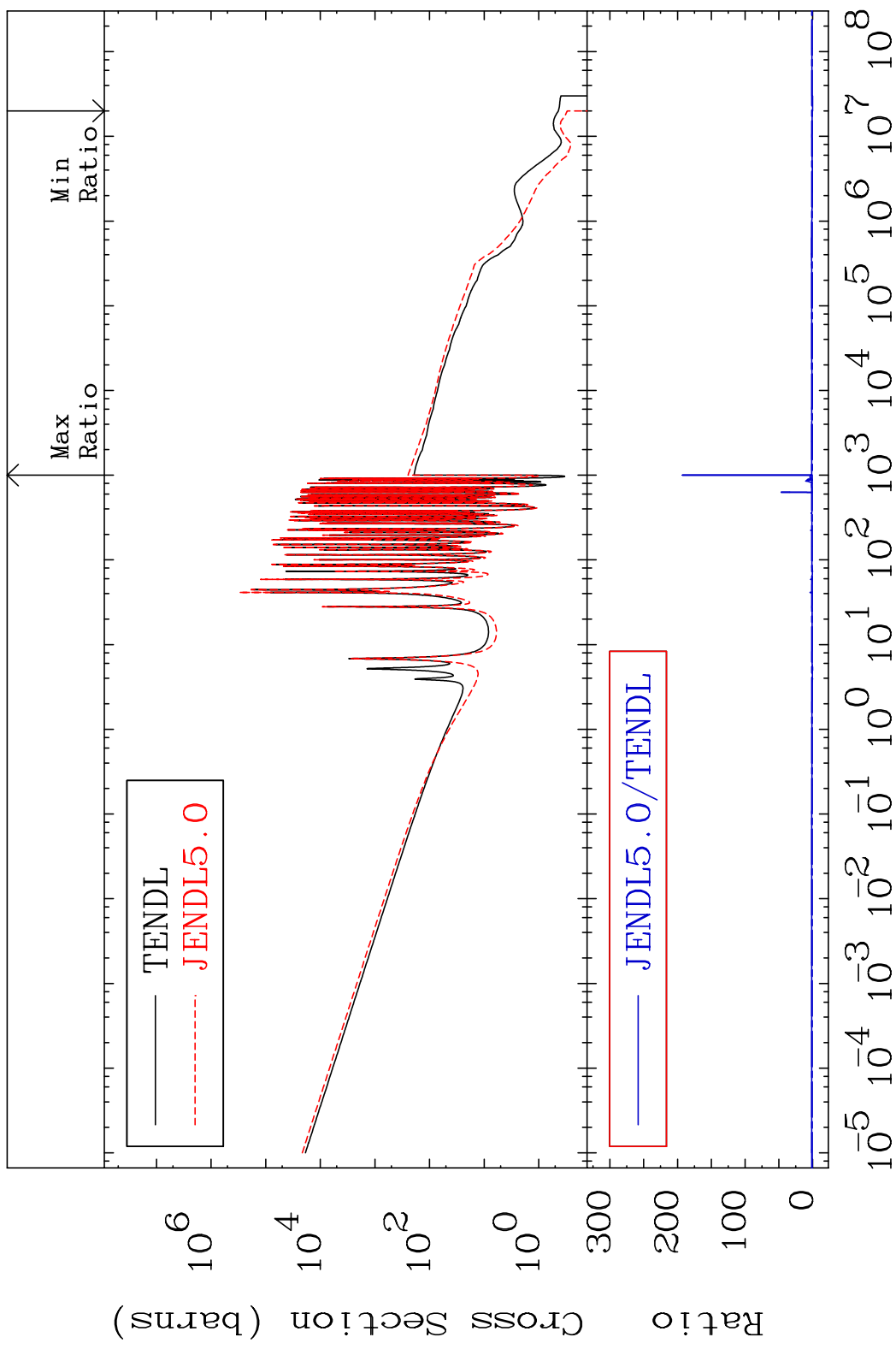


MAT 4640

Kerma capture (mt102)

46-Pd-107

Cross Section -100.0 To 9999. %

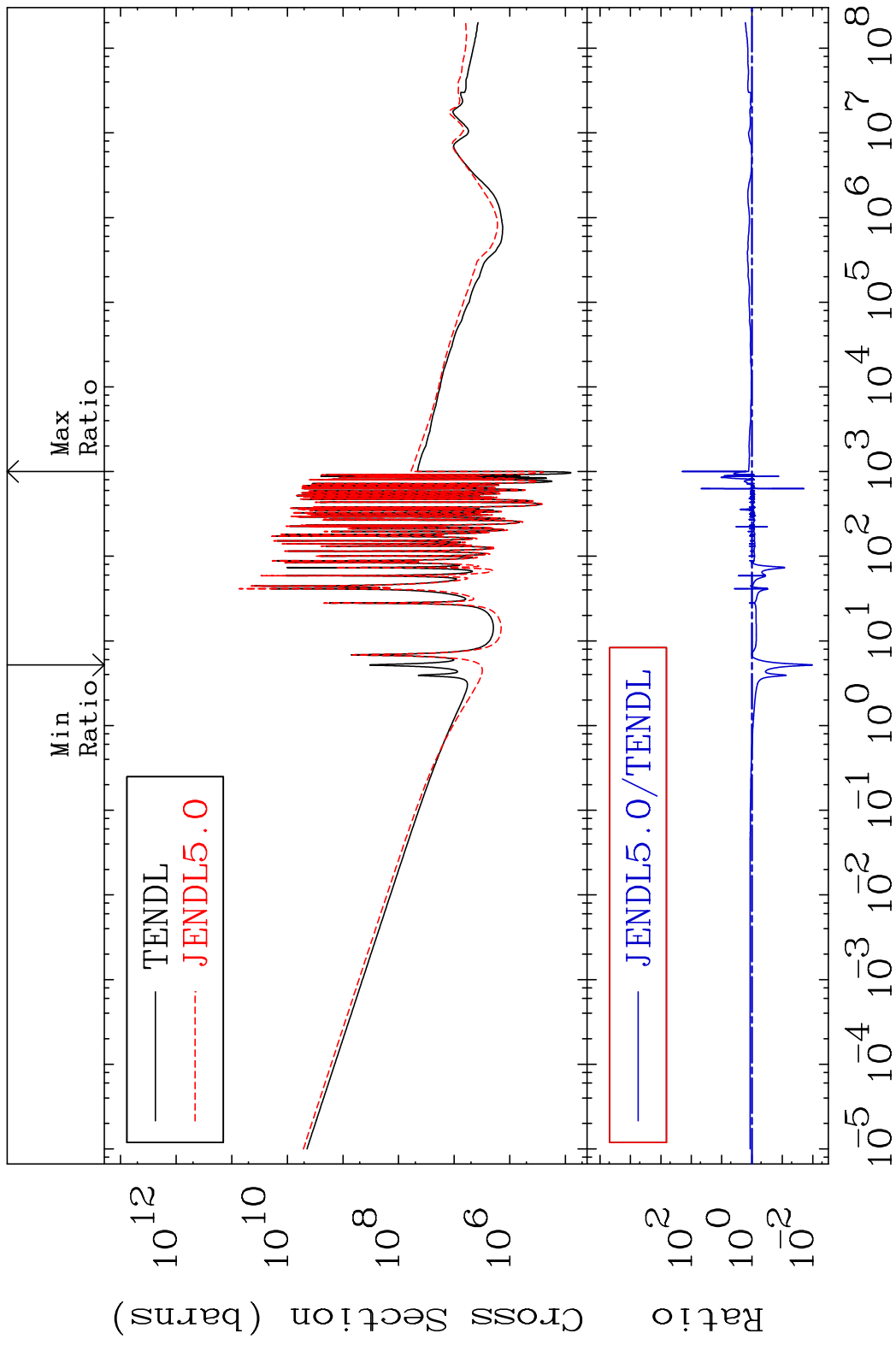


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Incident Energy (eV)

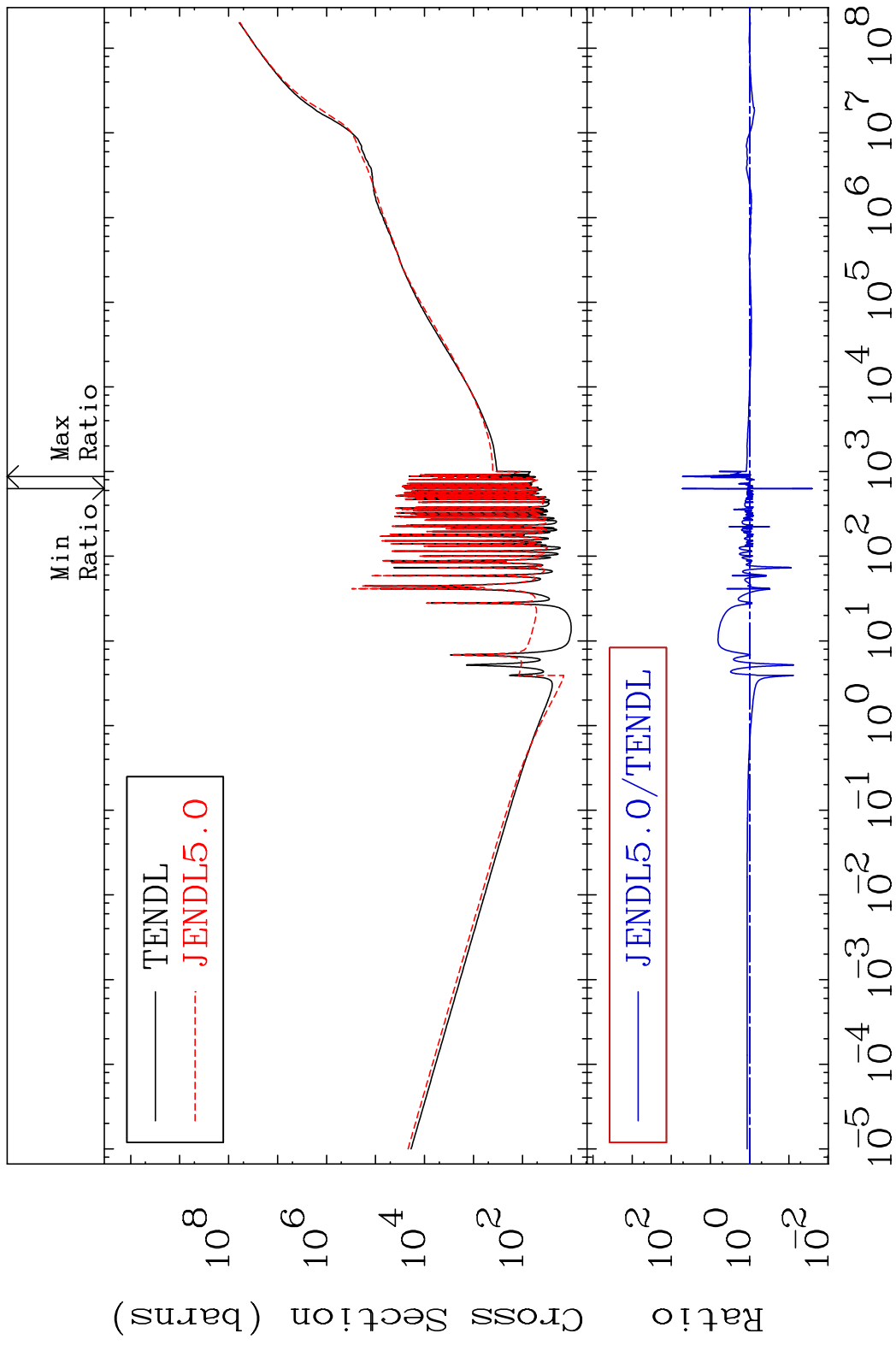
46-Pd-107

MAT 4640 Total photon (eV-barns) 46-Pd-107
Cross Section -98.99 To 9999. %

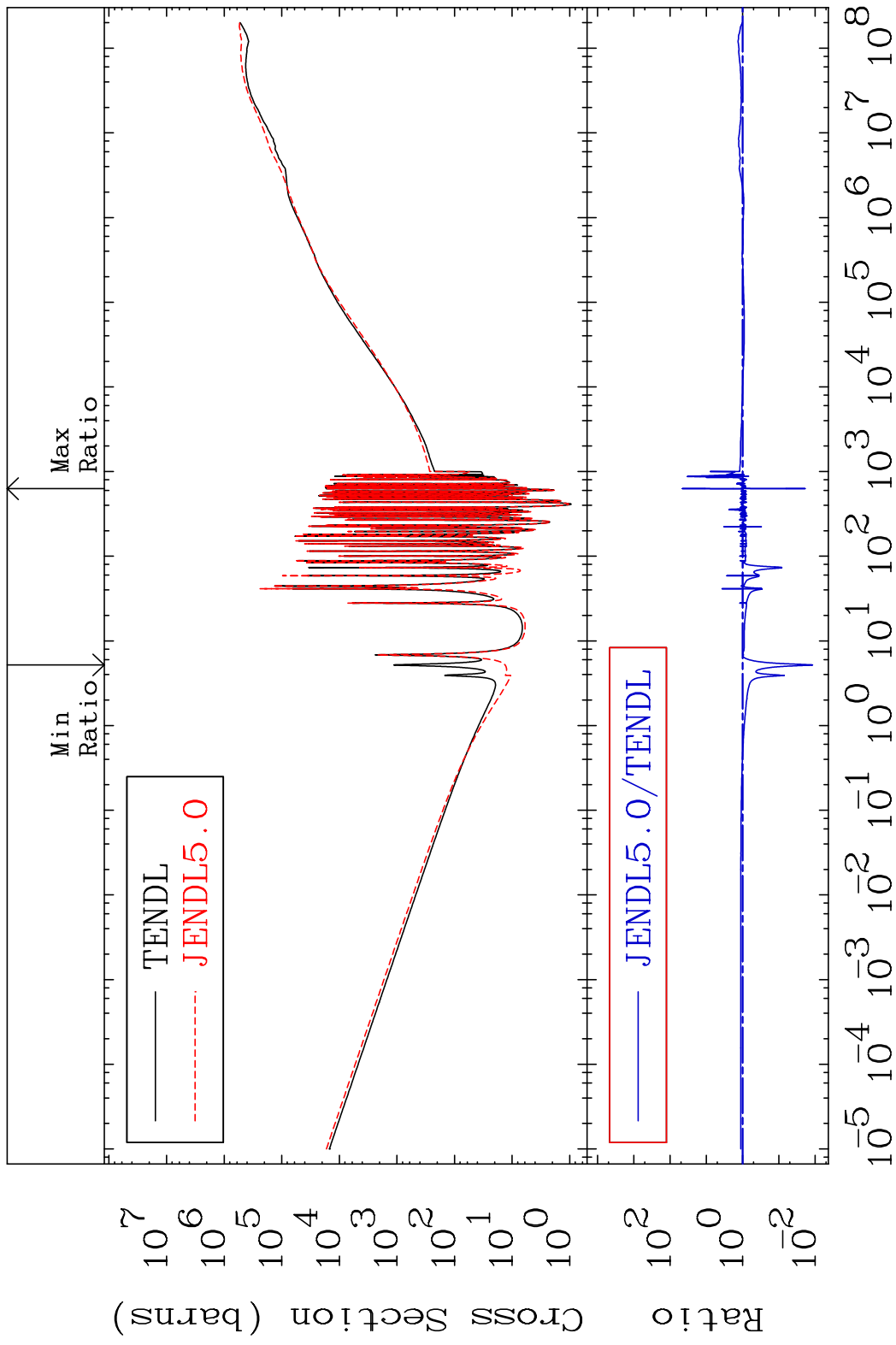


40 Incident Energy (eV) 46-Pd-107

MAT 4640 Total kinematic kerma (high limit) 46-Pd-107
 Cross Section -97.53 To 5120. %



MAT 4640 Dpa total (eV-barns) 46-Pd-107
 Cross Section -98.82 To 4486. %



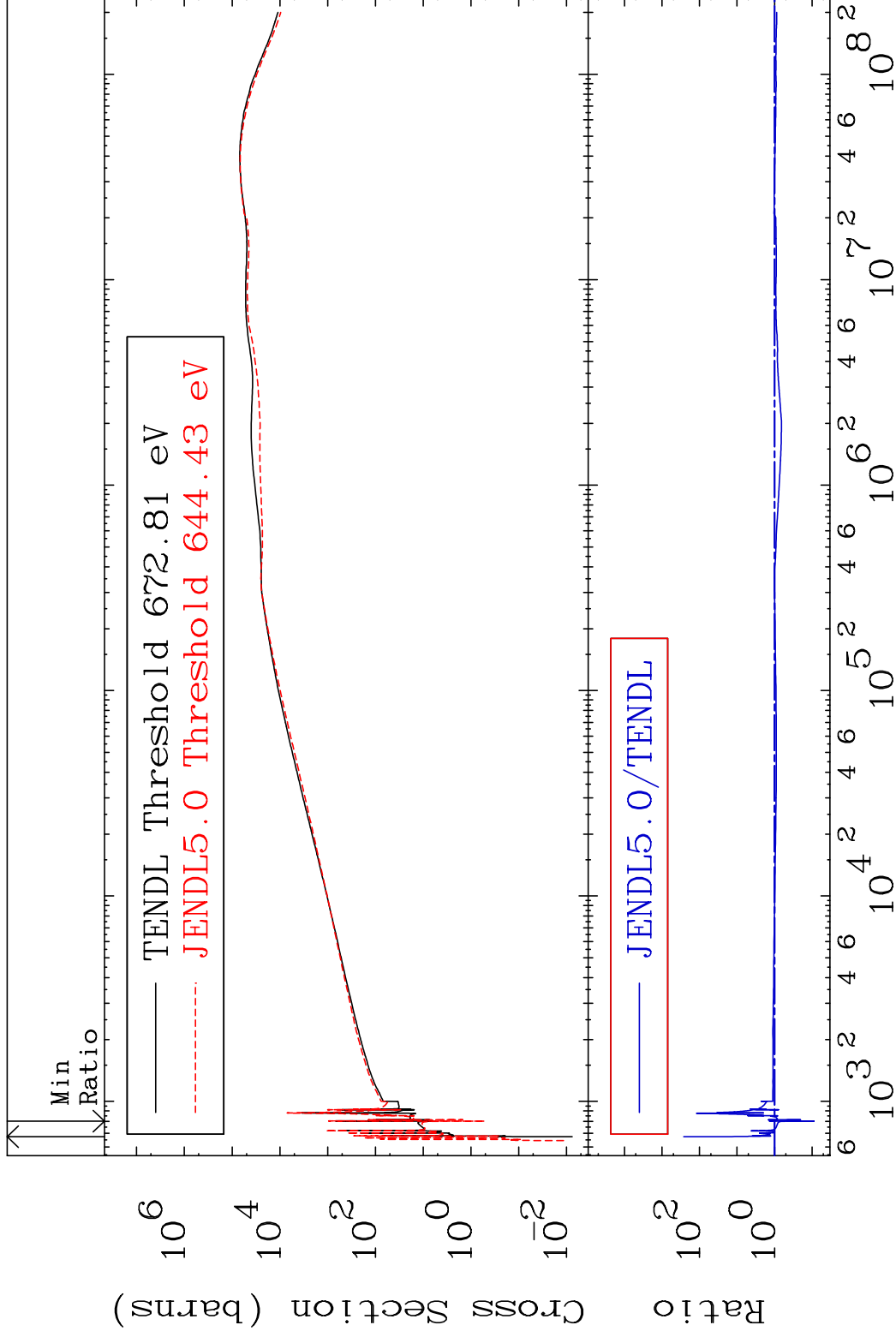
MAT 4640

Dpa elastic (mt2)

46-Pd-107

Cross Section

-91.17 To 9999. %

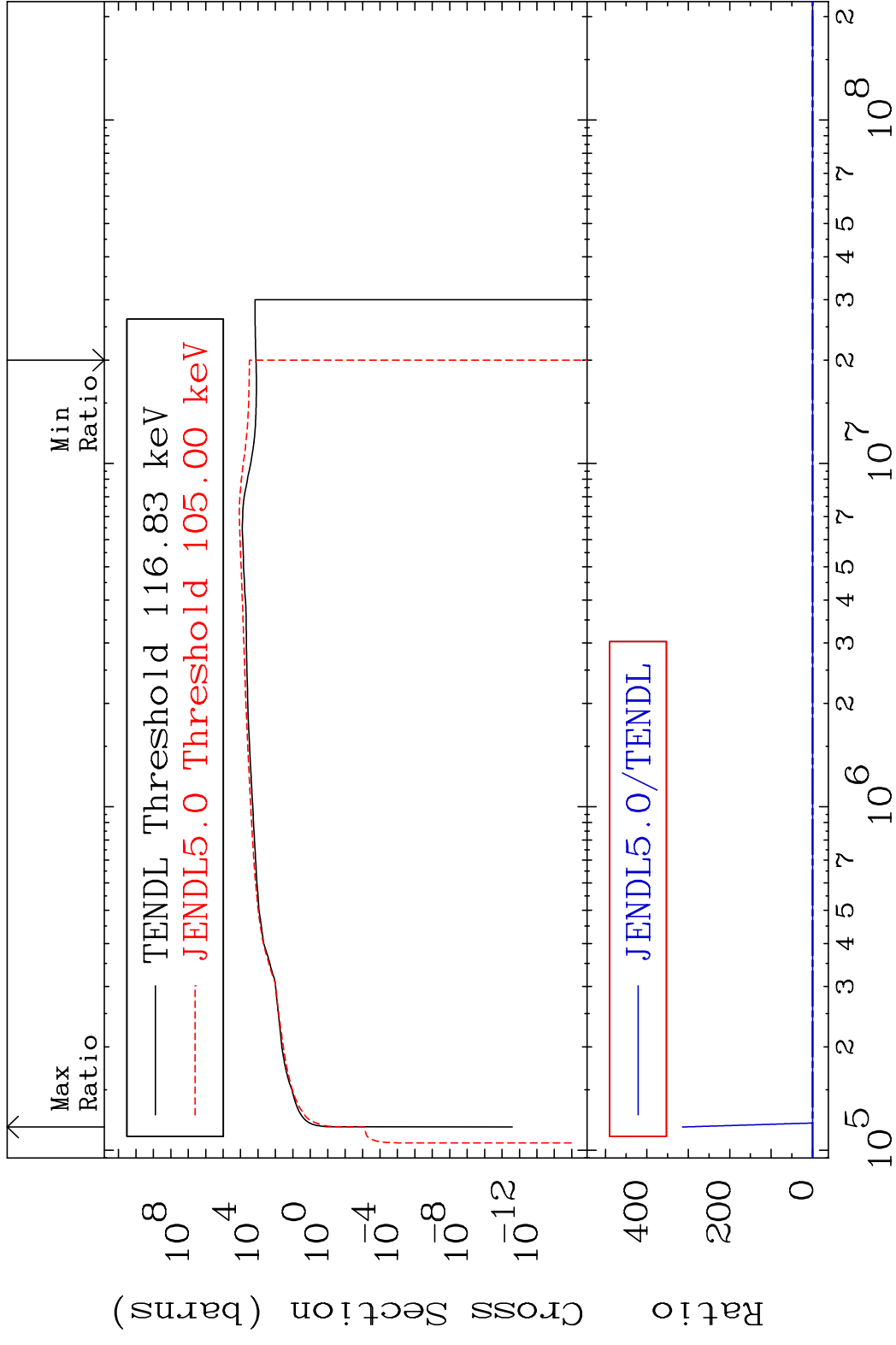


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Incident Energy (eV)

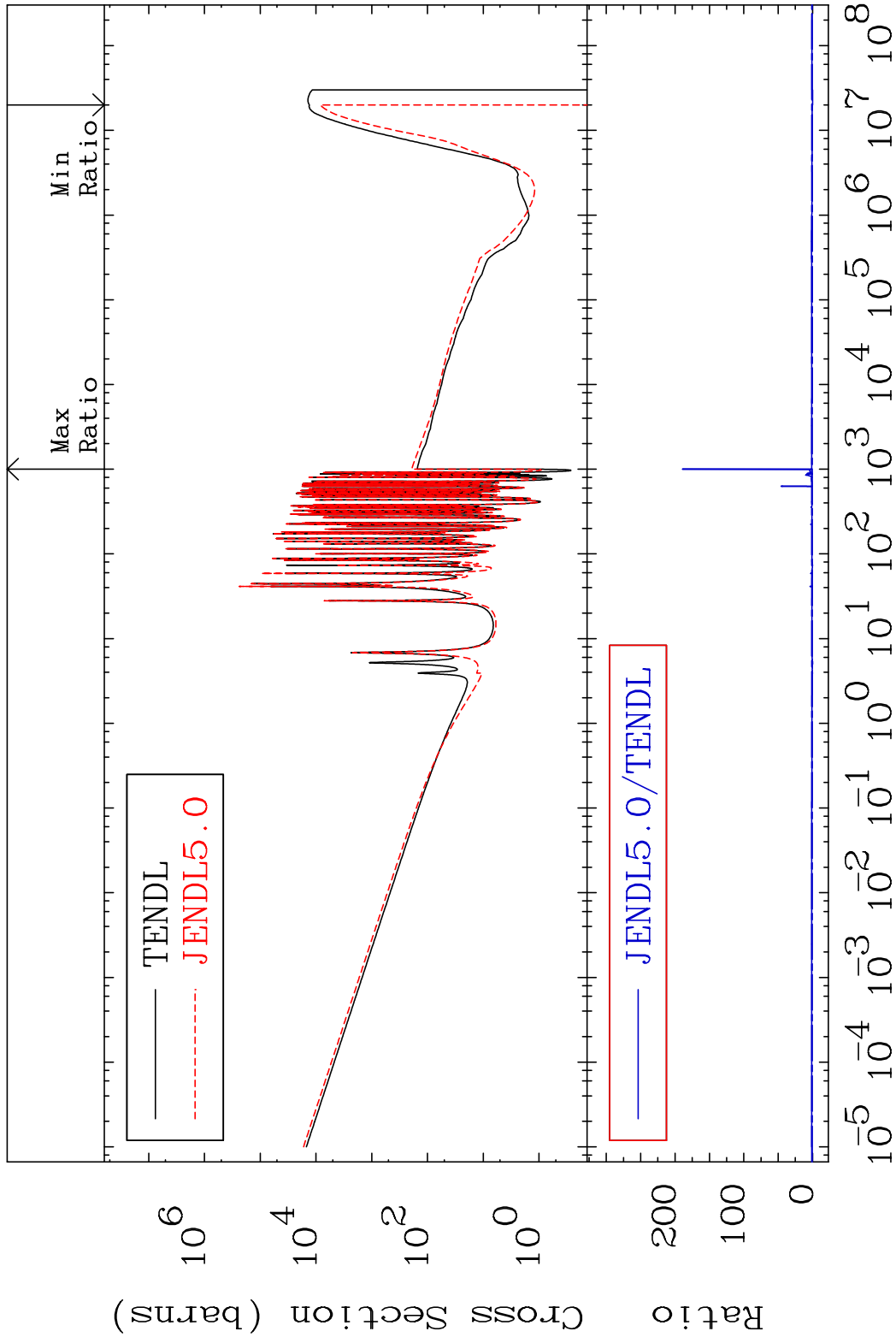
46-Pd-107

MAT 4640 Dpa inelastic (mt51-91) 46-Pd-107
 Cross Section -100.0 To 9999. %



44 Incident Energy (eV) 46-Pd-107

MAT 4640 Dpa disappearance (mt102 -120) 46-Pd-107
Cross Section -100.0 To 9999. %



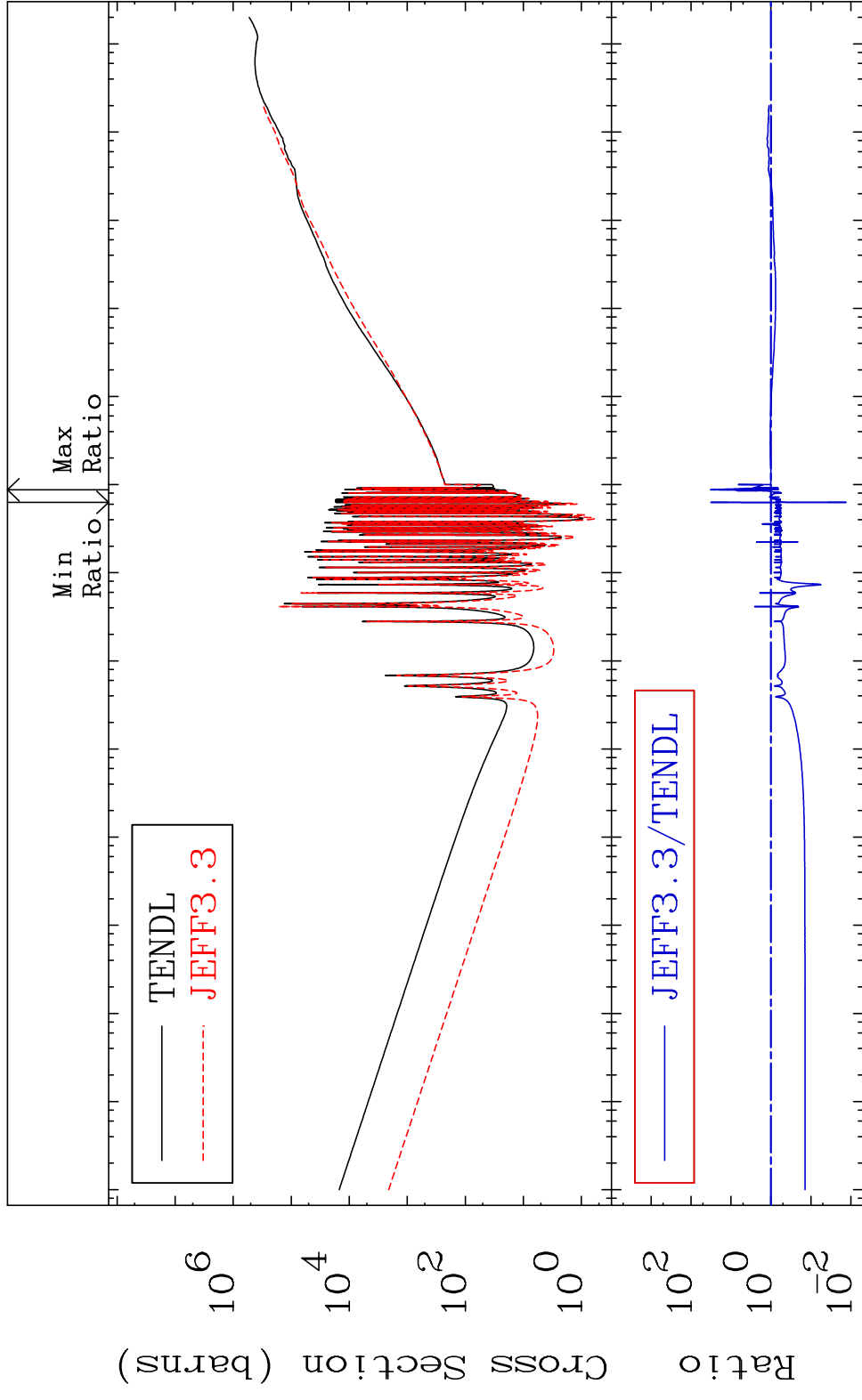
45 Incident Energy (eV) 46-Pd-107

MAT 4640

Dpa total (eV-barns)

46-Pd-107

Cross Section -98.70 To 3111. %



46

Incident Energy (eV)

46-Pd-107

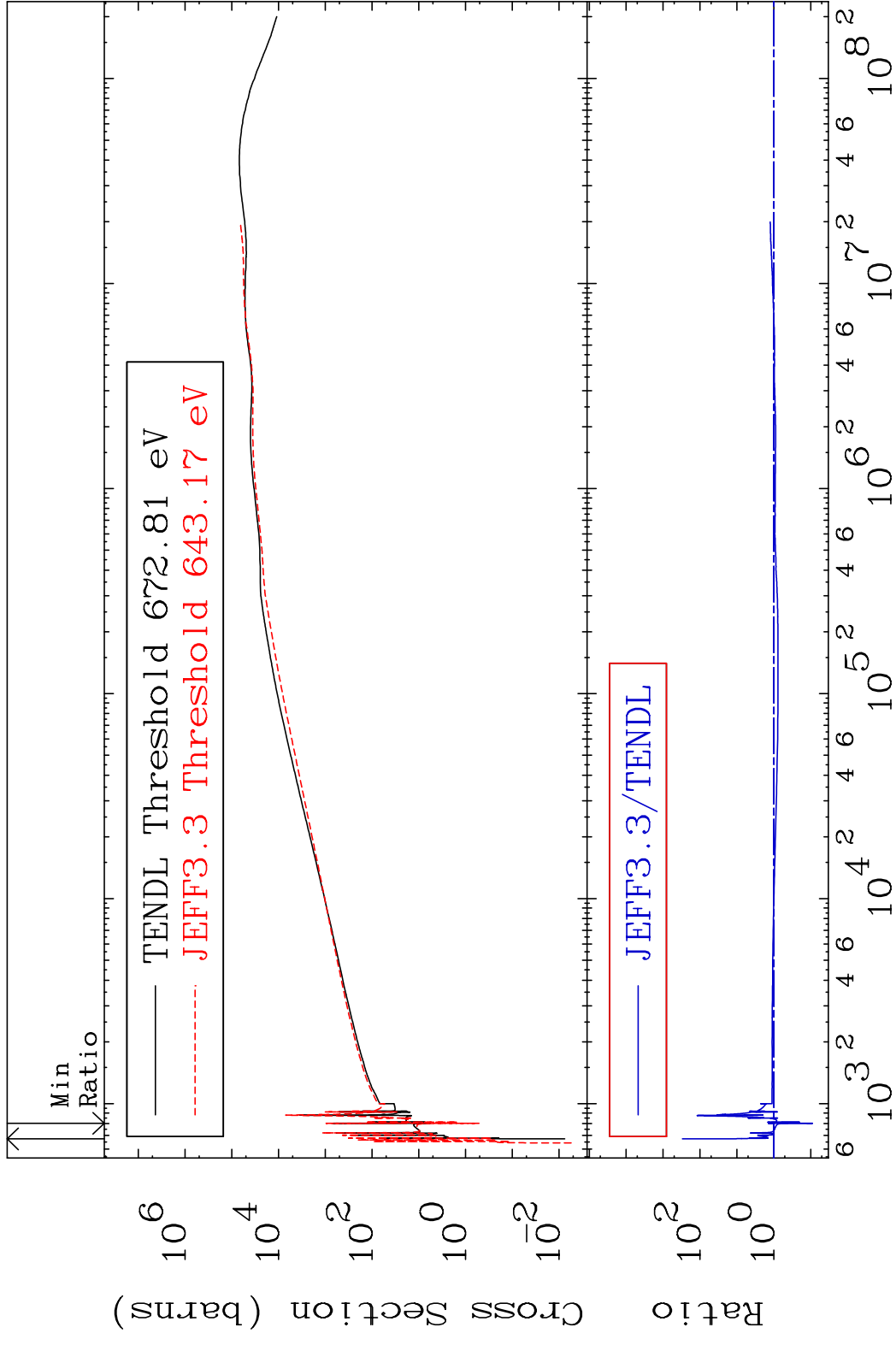
MAT 4640

Dpa elastic (mt2)

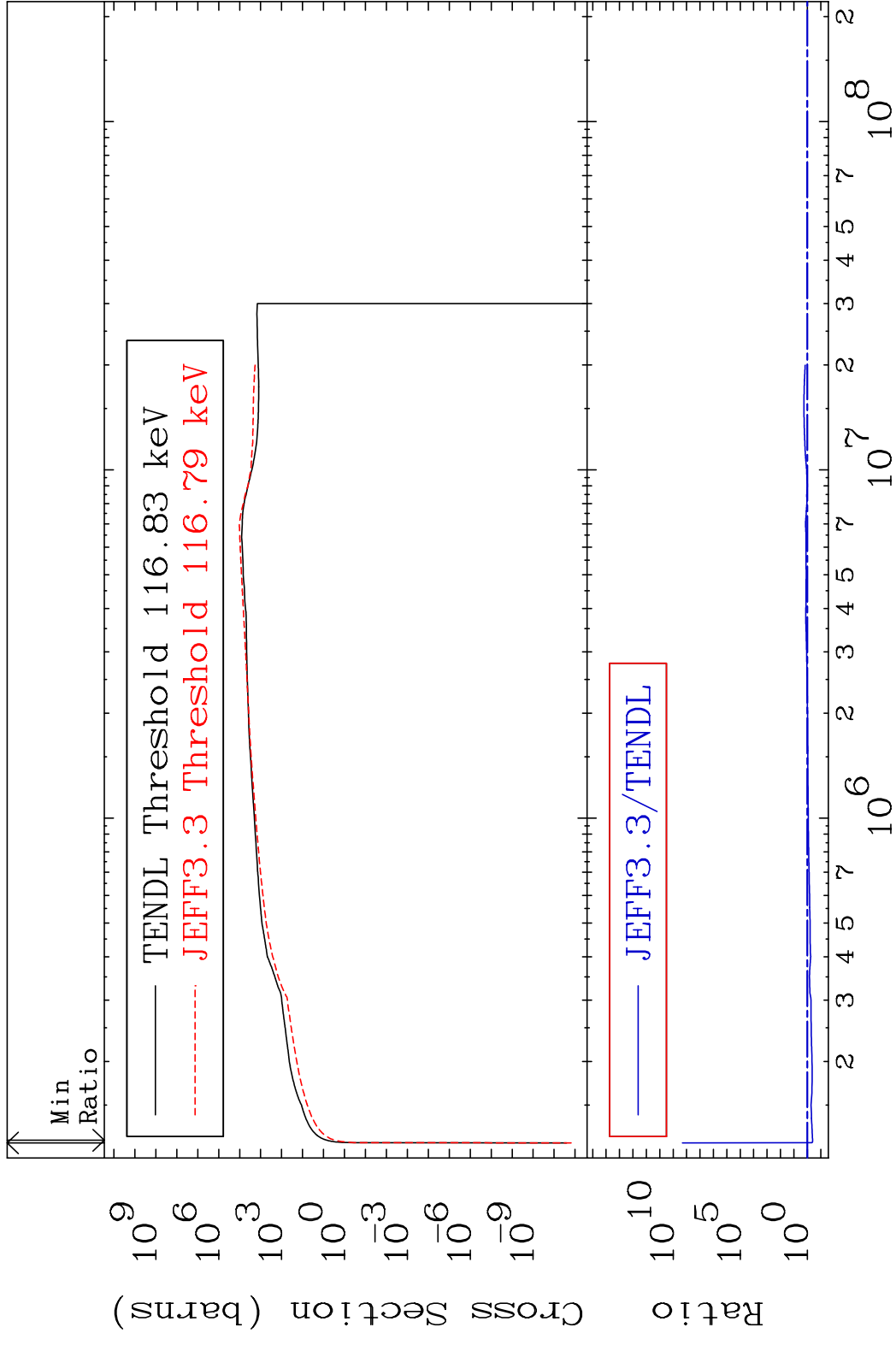
46-Pd-107

Cross Section

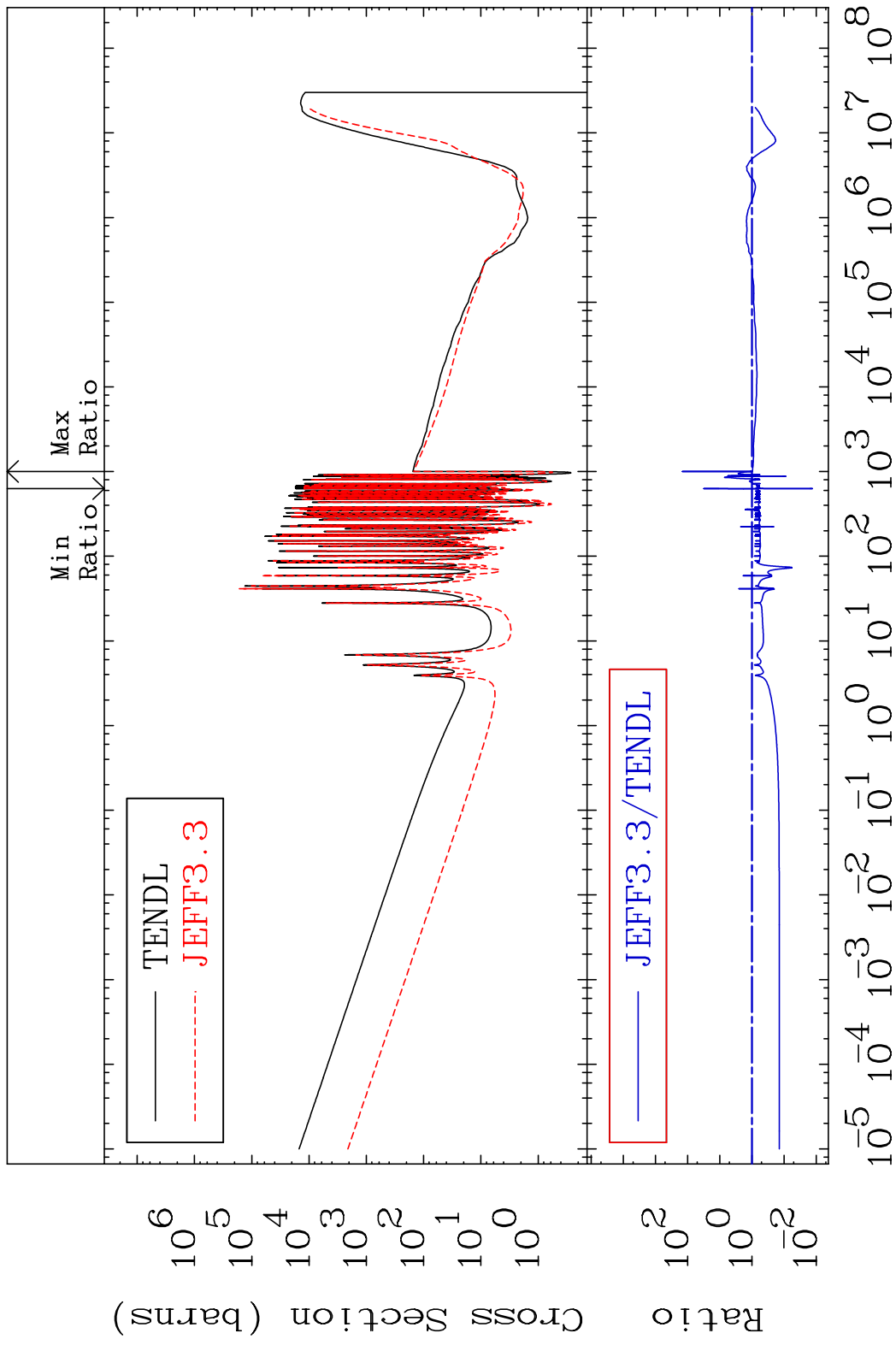
-91.11 To 9999. %



MAT 4640 Dpa inelastic (mt51-91) 46-Pd-107
 Cross Section -59.47 To 9999. %



MAT 4640 Dpa disappearance (mt102 -120) 46-Pd-107
 Cross Section -98.70 To 9999. %



49 Incident Energy (eV) 46-Pd-107