

Program Complot
(Version 2021-1)

by

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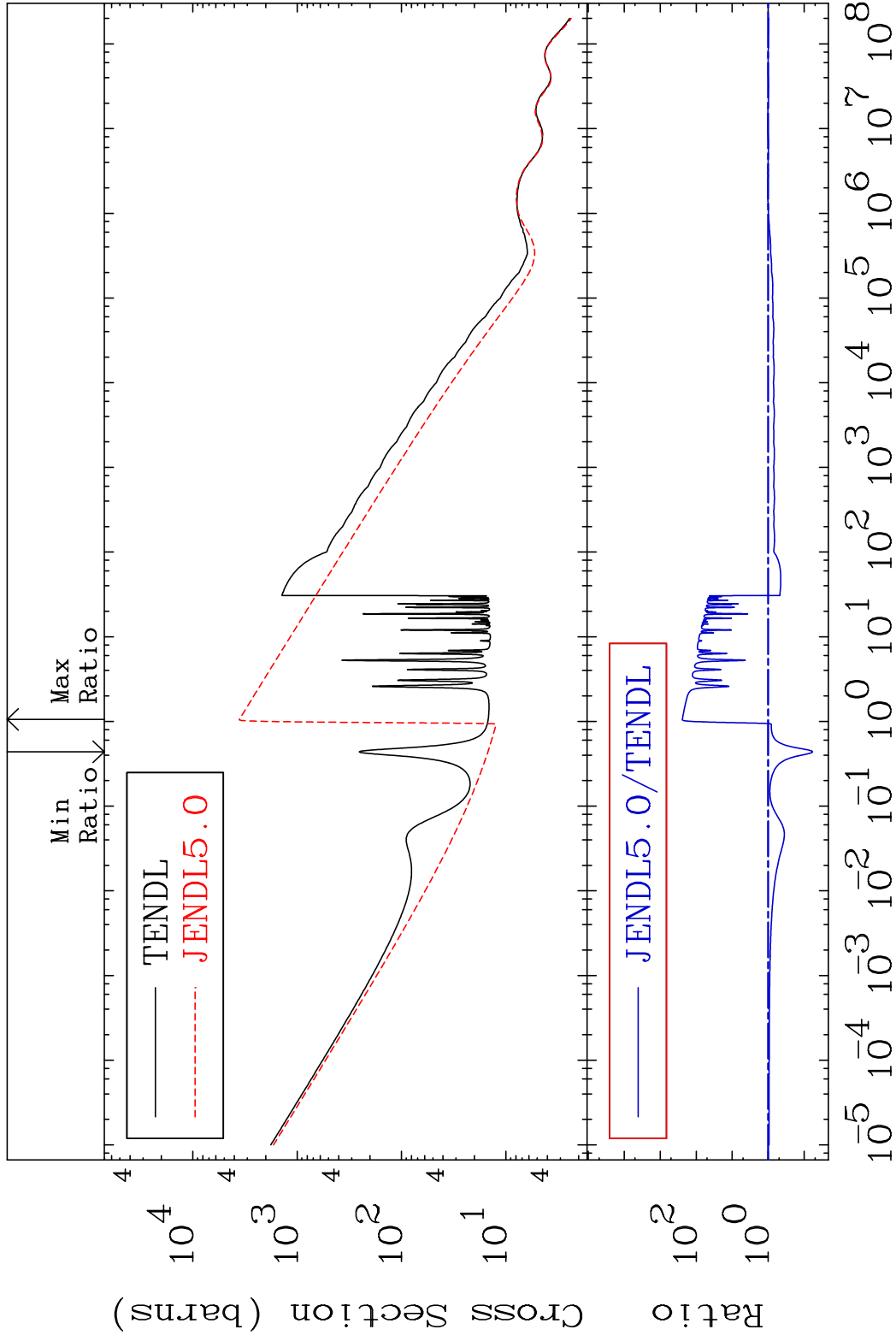
Press Mouse Button to Start

MAT 6519

Total

65-Tb-157

Cross Section -94.15 To 9999. %



1

Incident Energy (eV)

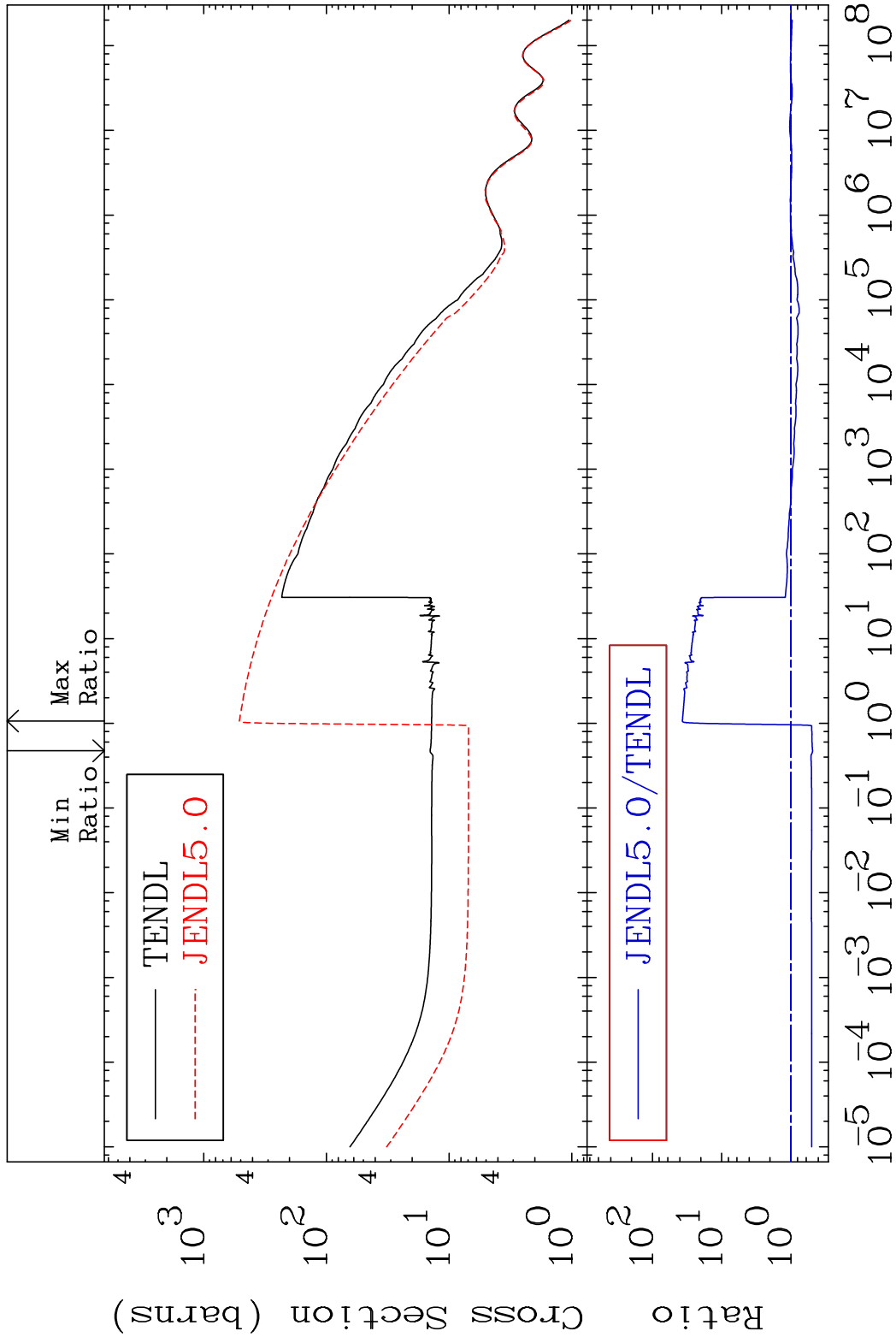
65-Tb-157

MAT 6519

Elastic

65-Tb-157

Cross Section -51.40 To 3595. %

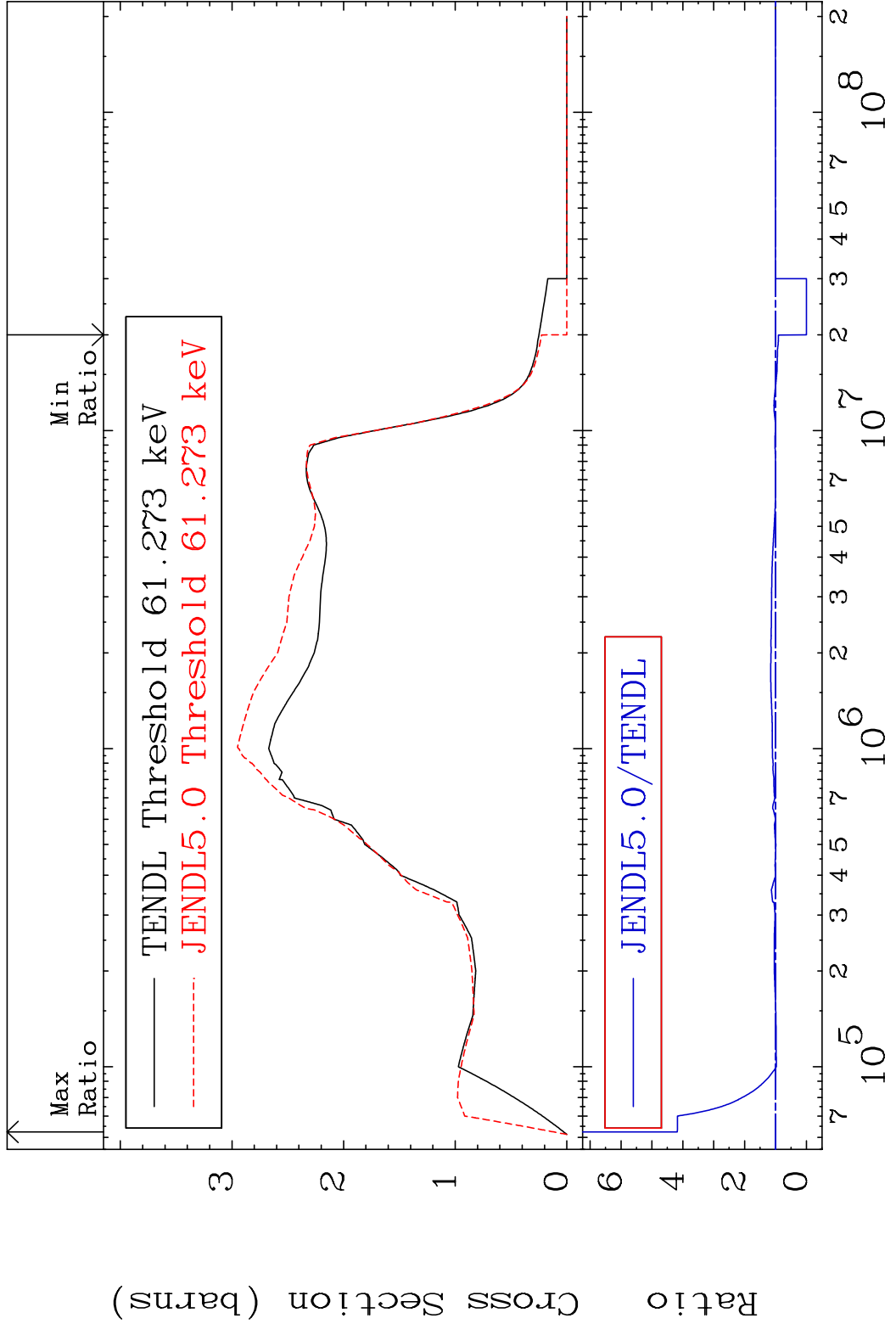


2

Incident Energy (eV)

65-Tb-157

MAT 6519 Inelastic Cross Section -100.0 To 318.2 % 65-Tb-157



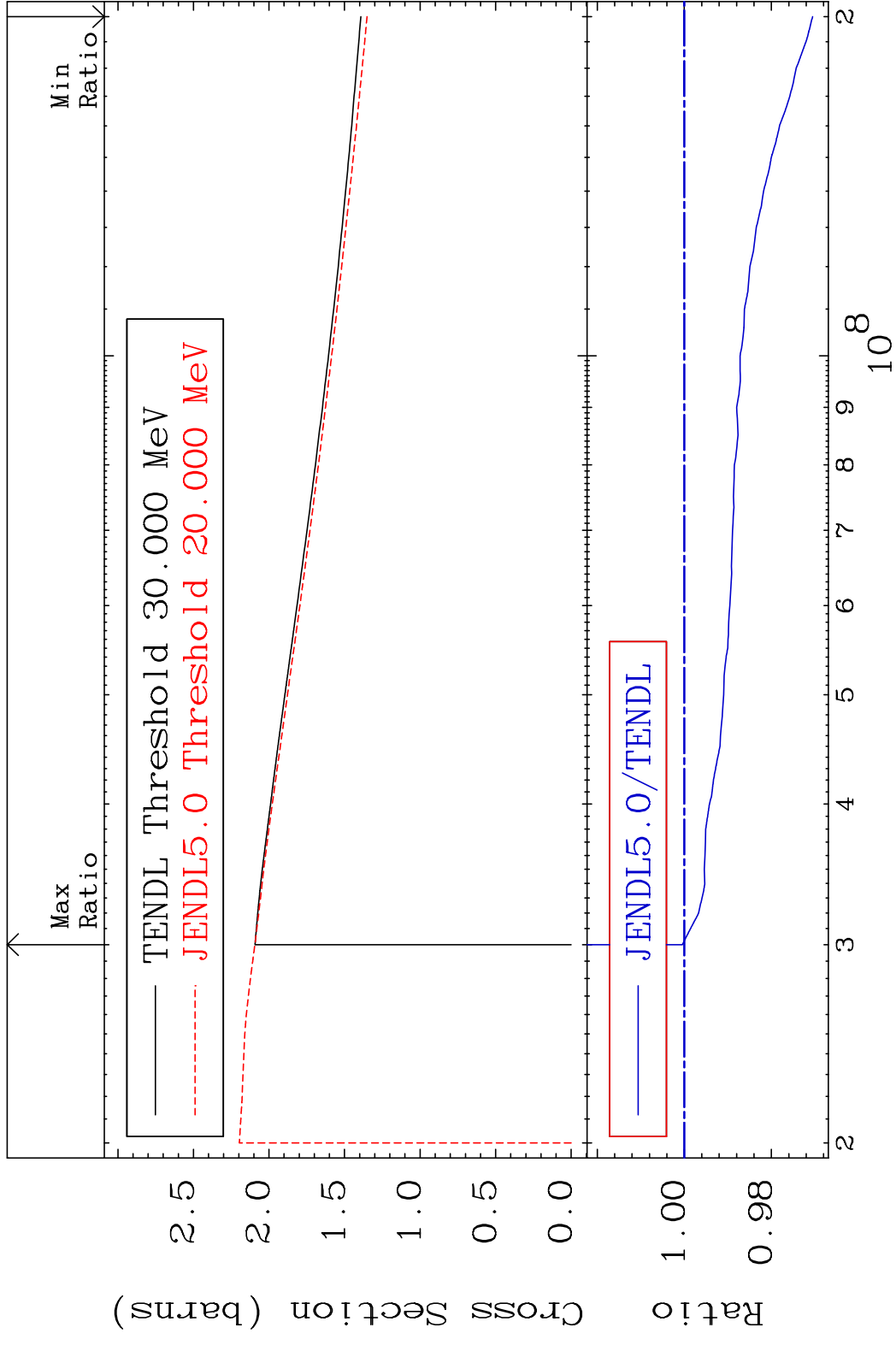
3 65-Tb-157

MAT 6519

(n, remainder)

65-Tb-157

Cross Section -2.946 To 0.045 %



4

Incident Energy (eV)

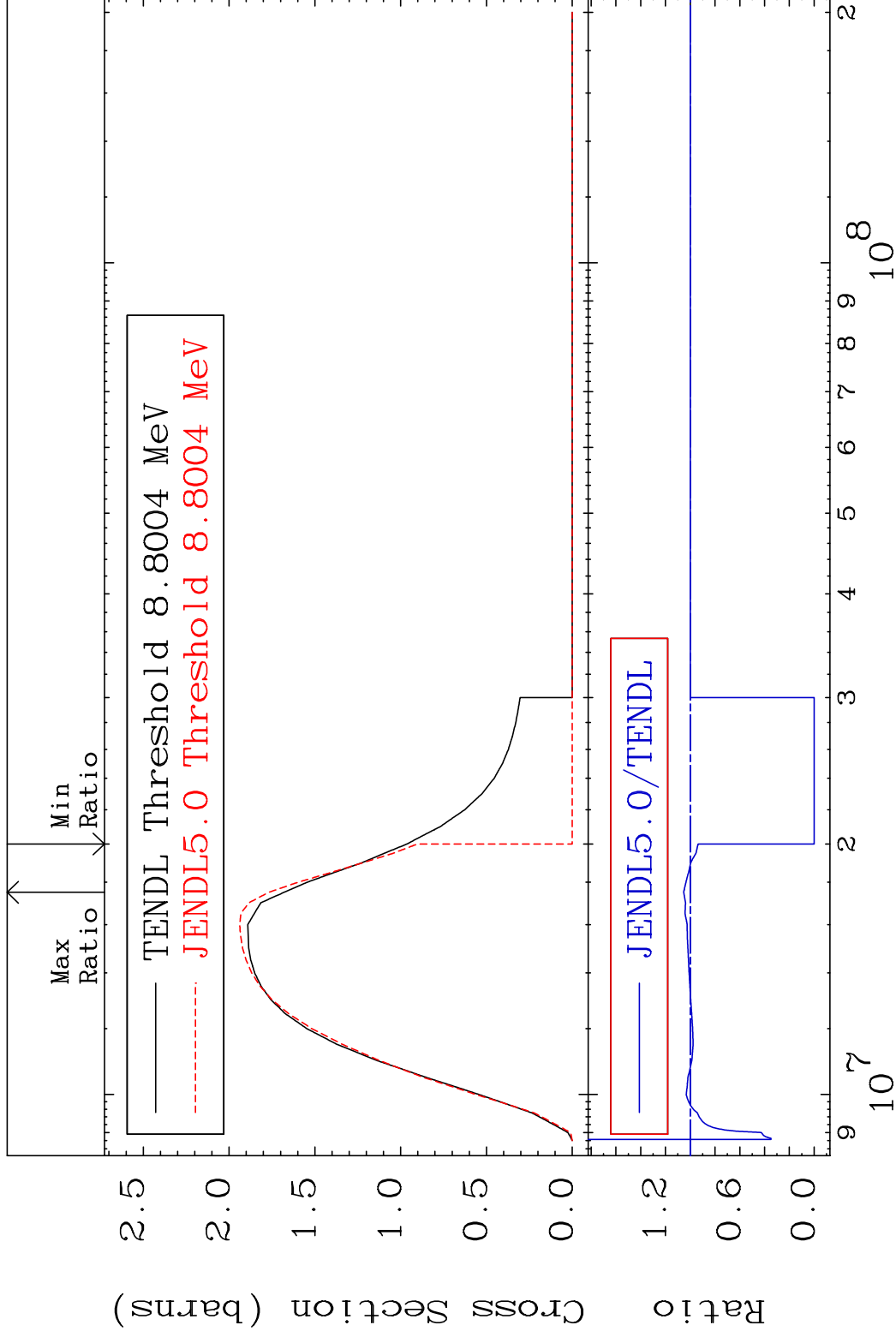
65-Tb-157

MAT 6519

(n,2n)

65-Tb-157

Cross Section -100.0 To 5.323 %



5

Incident Energy (eV)

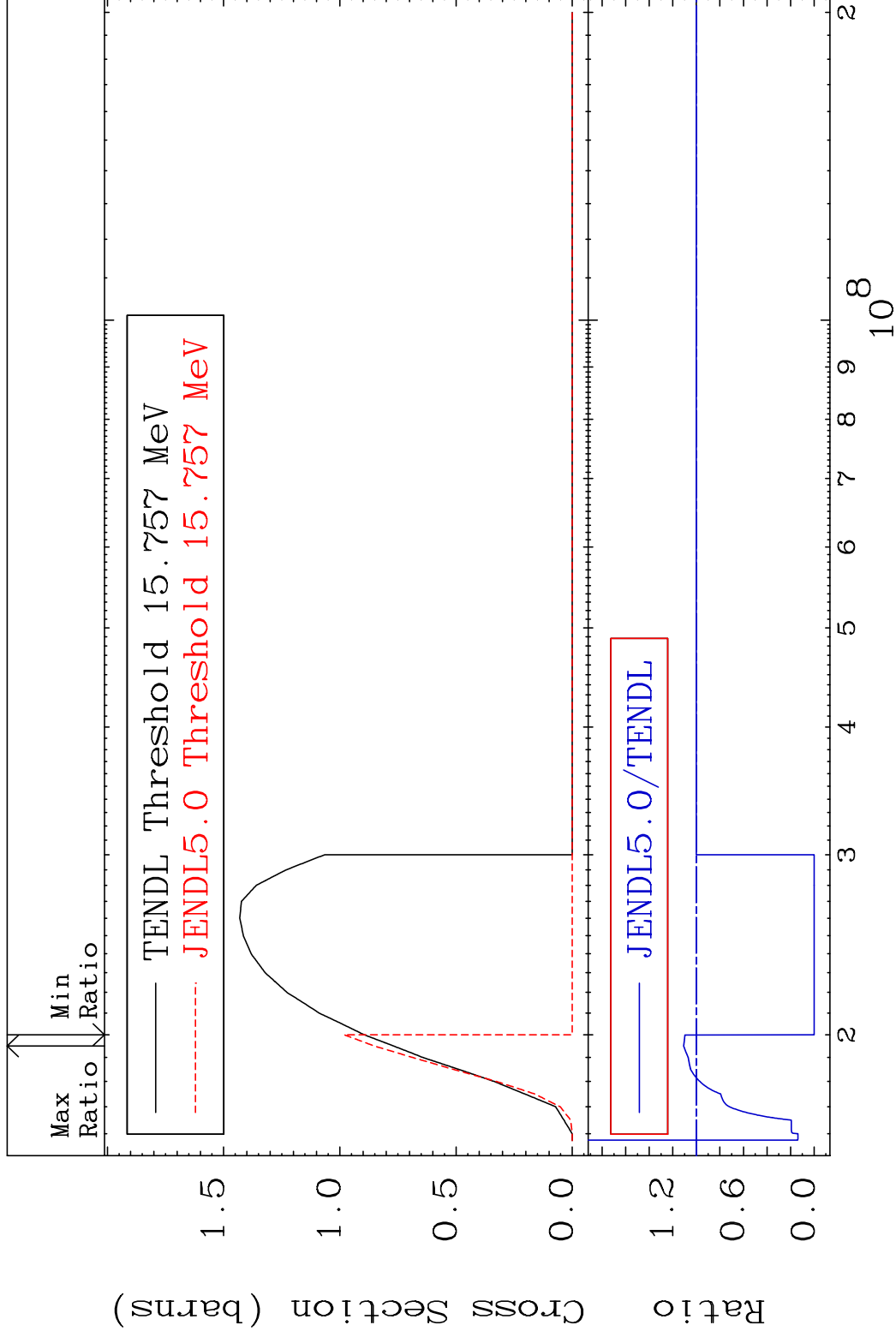
65-Tb-157

MAT 6519

(n,3n)

65-Tb-157

Cross Section -100.0 To 10.77 %



6

Incident Energy (eV)

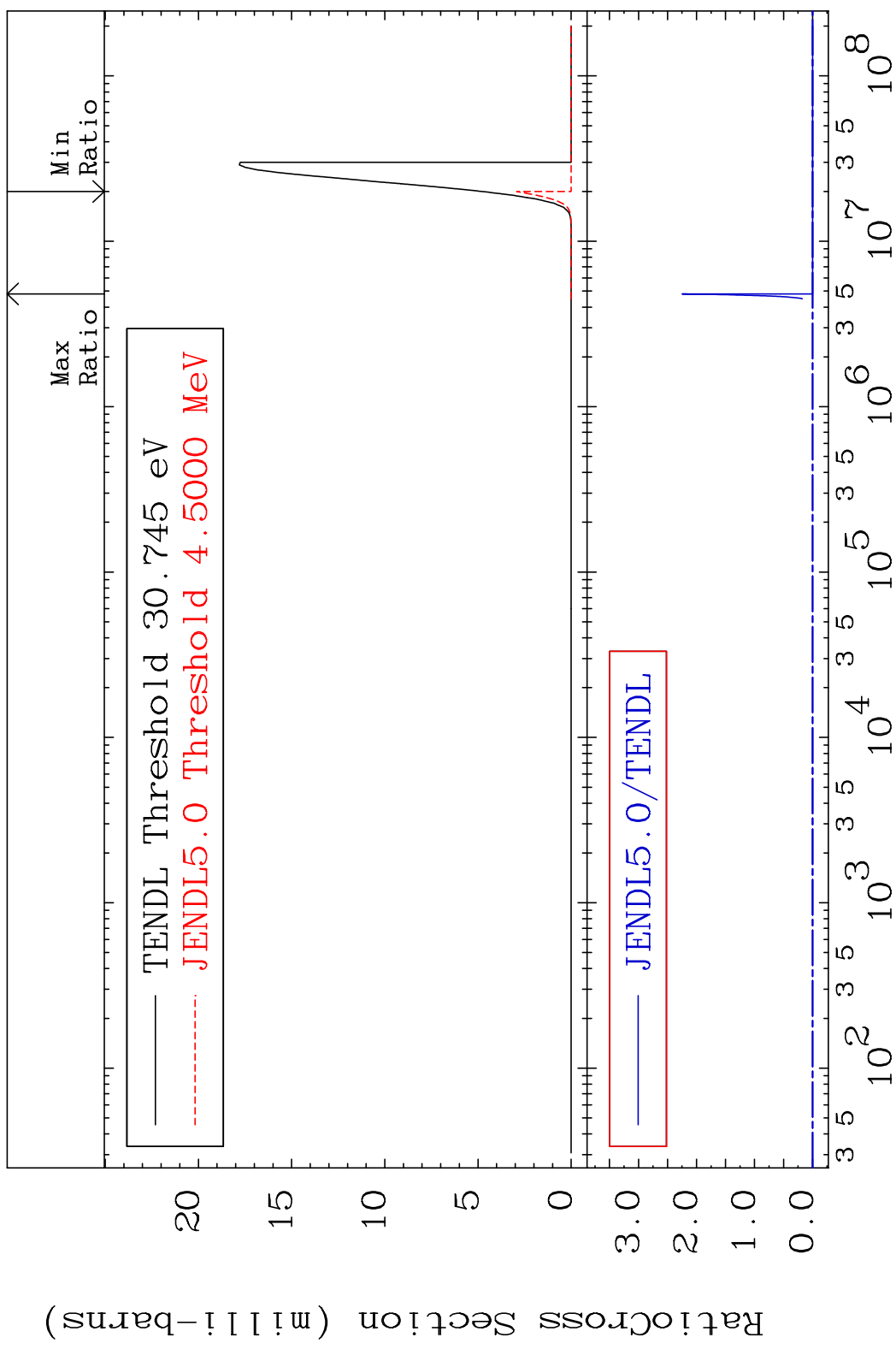
65-Tb-157

MAT 6519

(n, n') α

65-Tb-157

Cross Section -100.0 To 9999. %

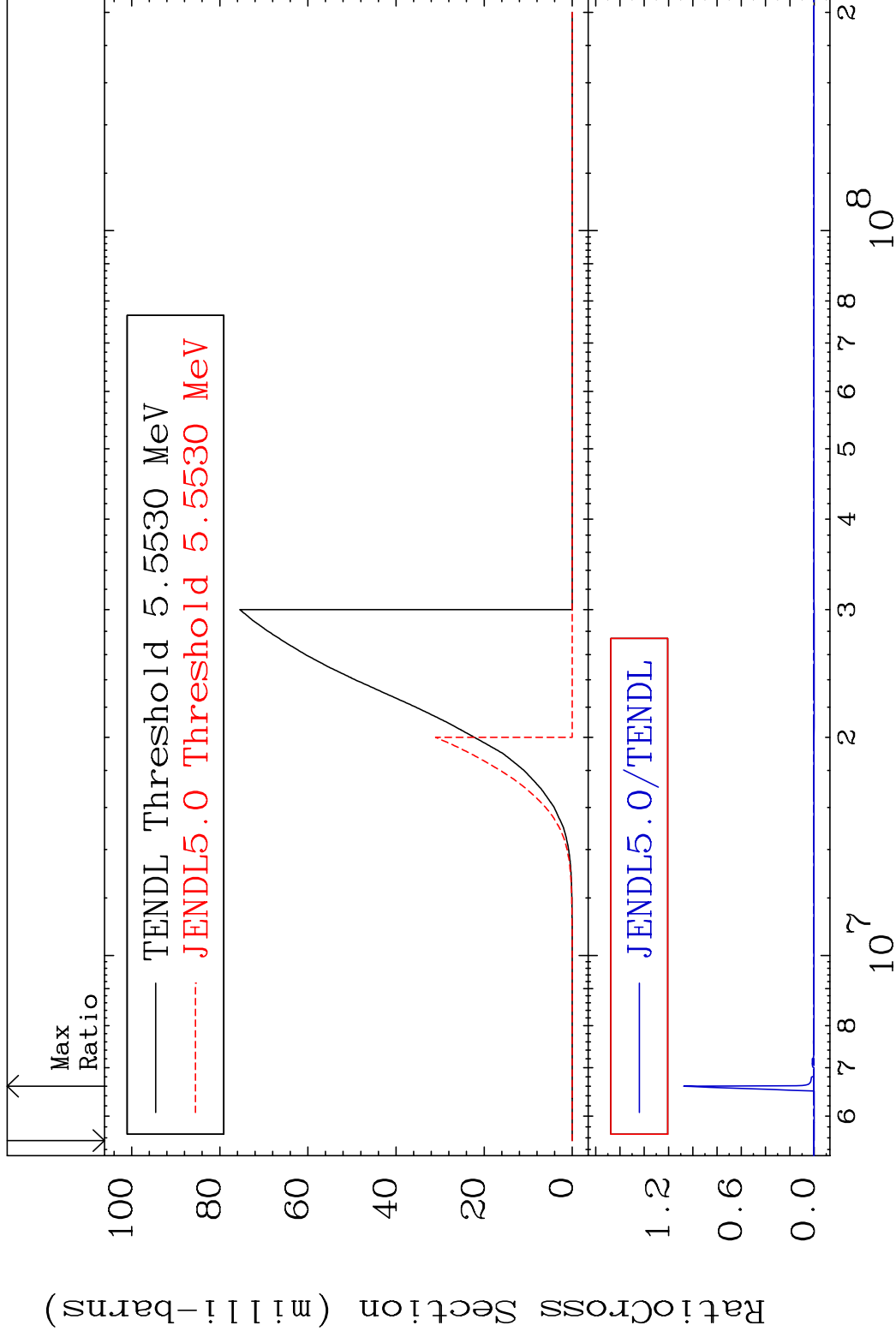


MAT 6519

(n, n') p

65-Tb-157

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

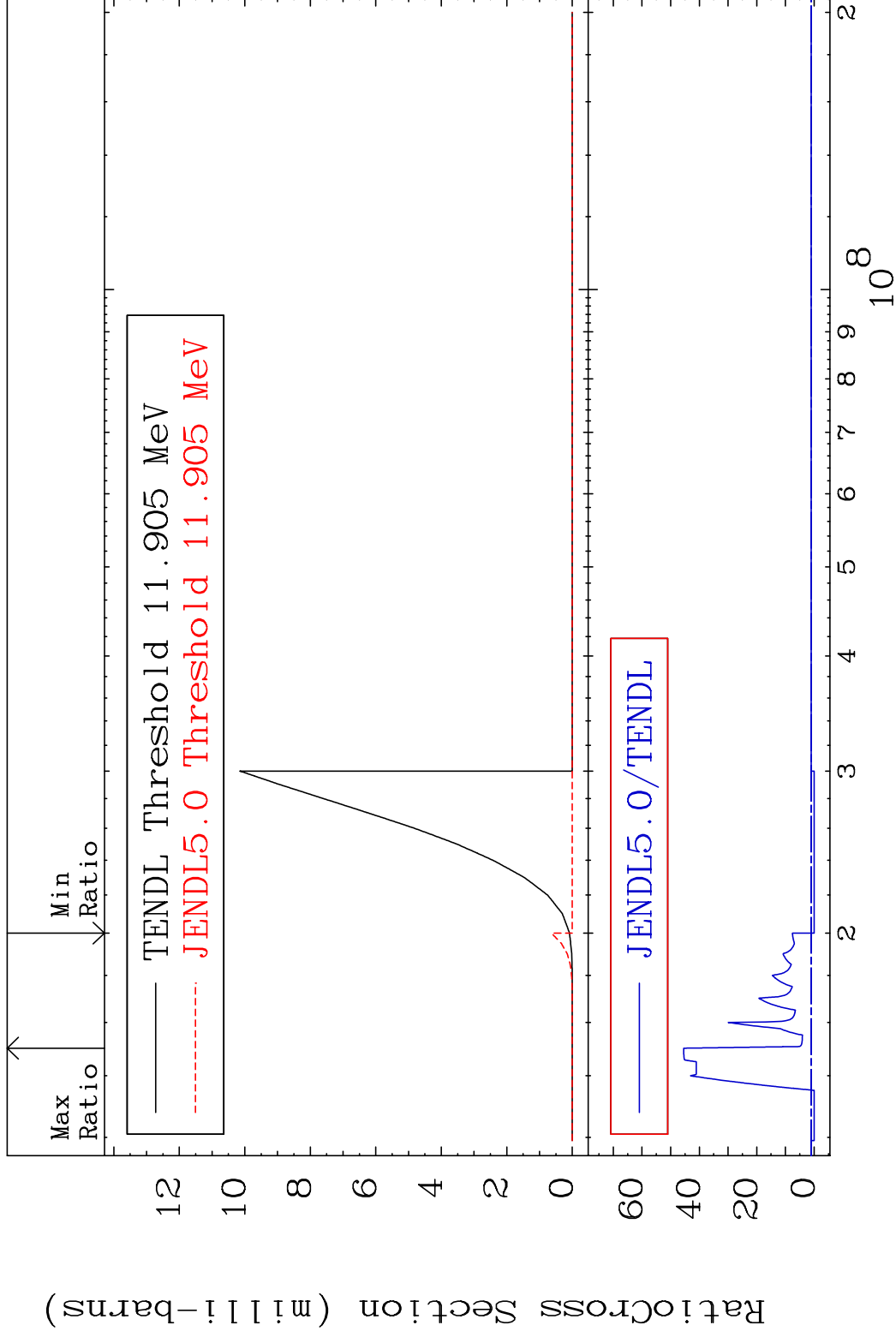
65-Tb-157

MAT 6519

(n, n') d

65-Tb-157

Cross Section -100.0 To 4447. %

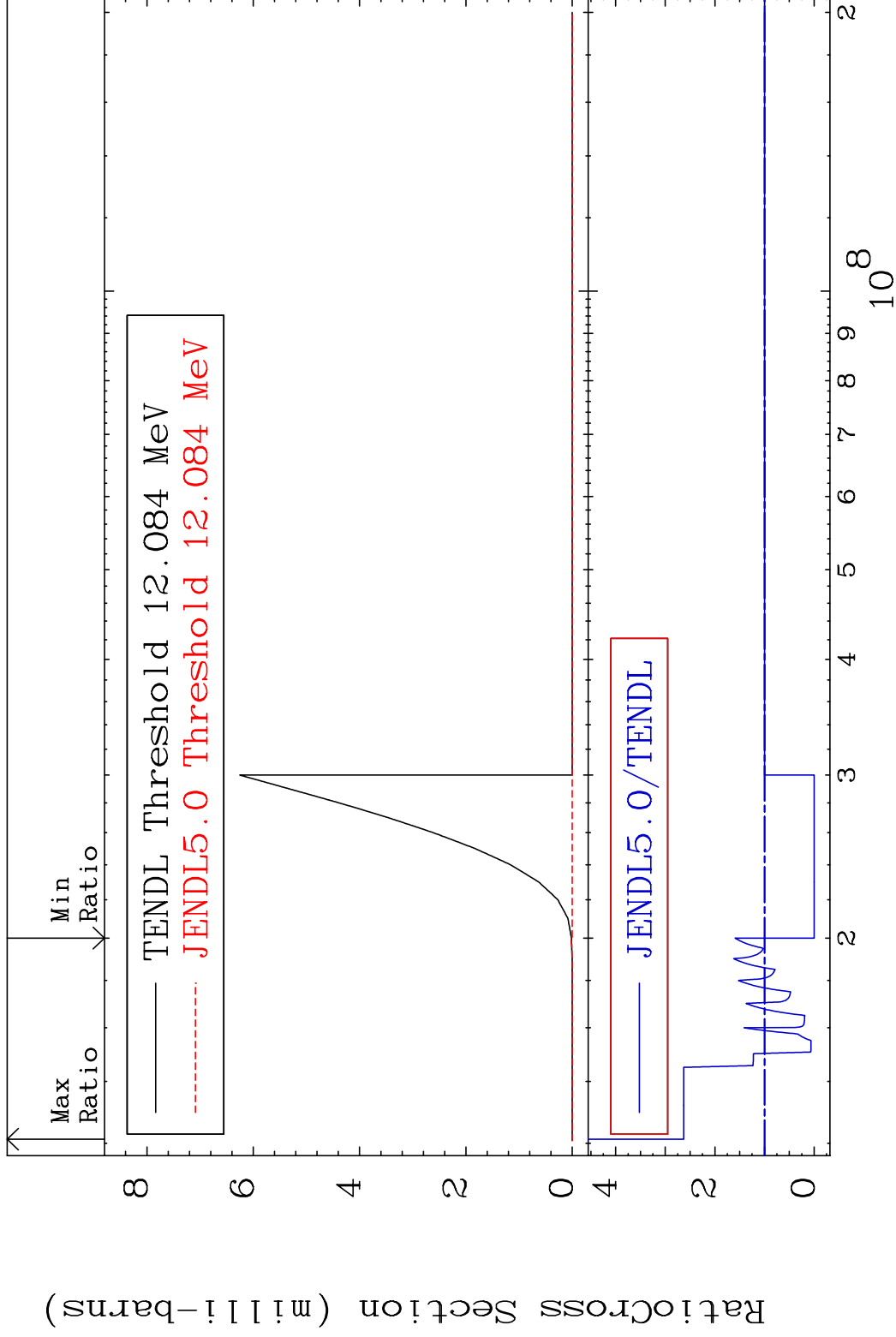


MAT 6519

(n, n') t

65-Tb-157

Cross Section -100.0 To 163.0 %

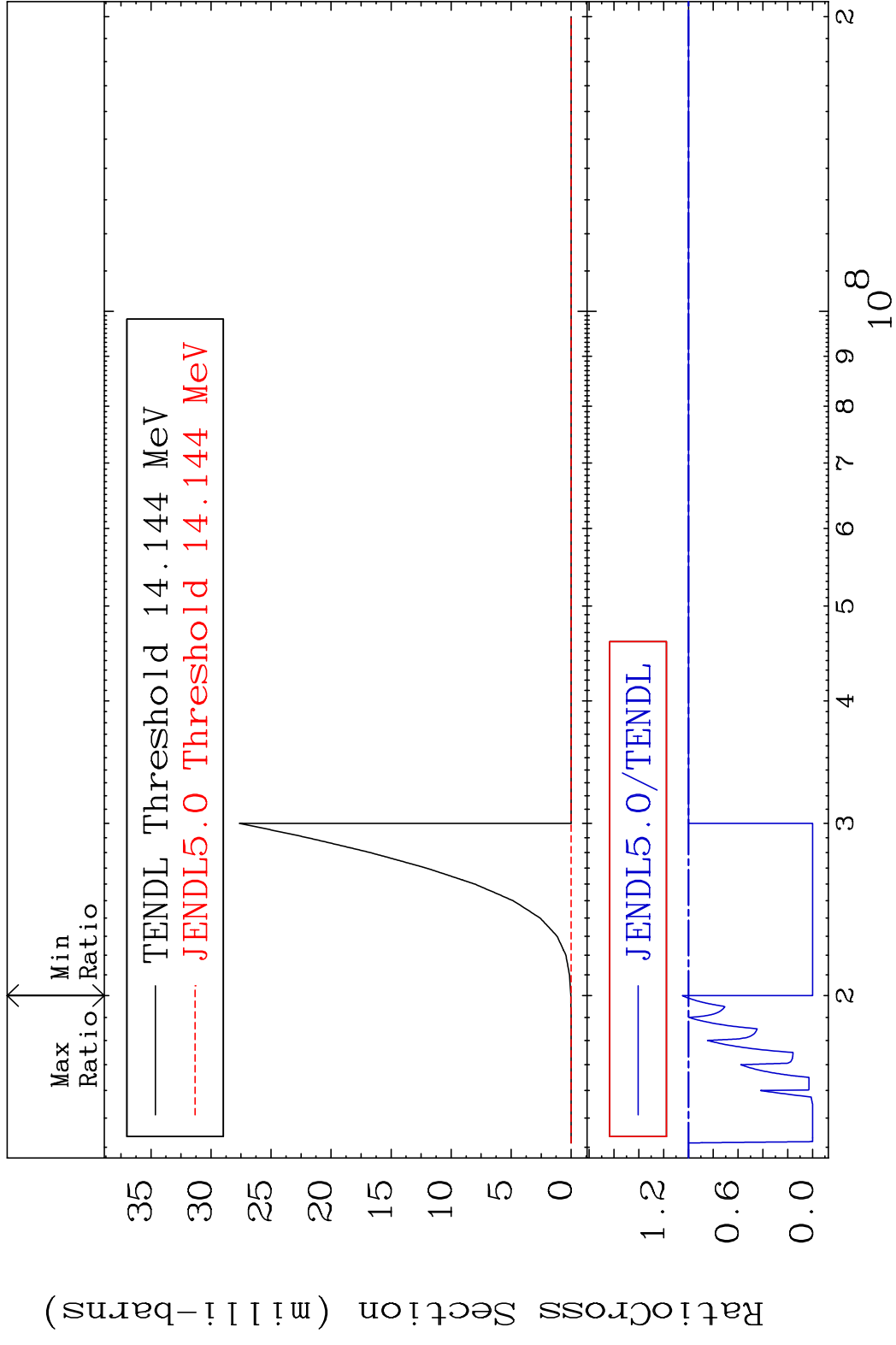


10

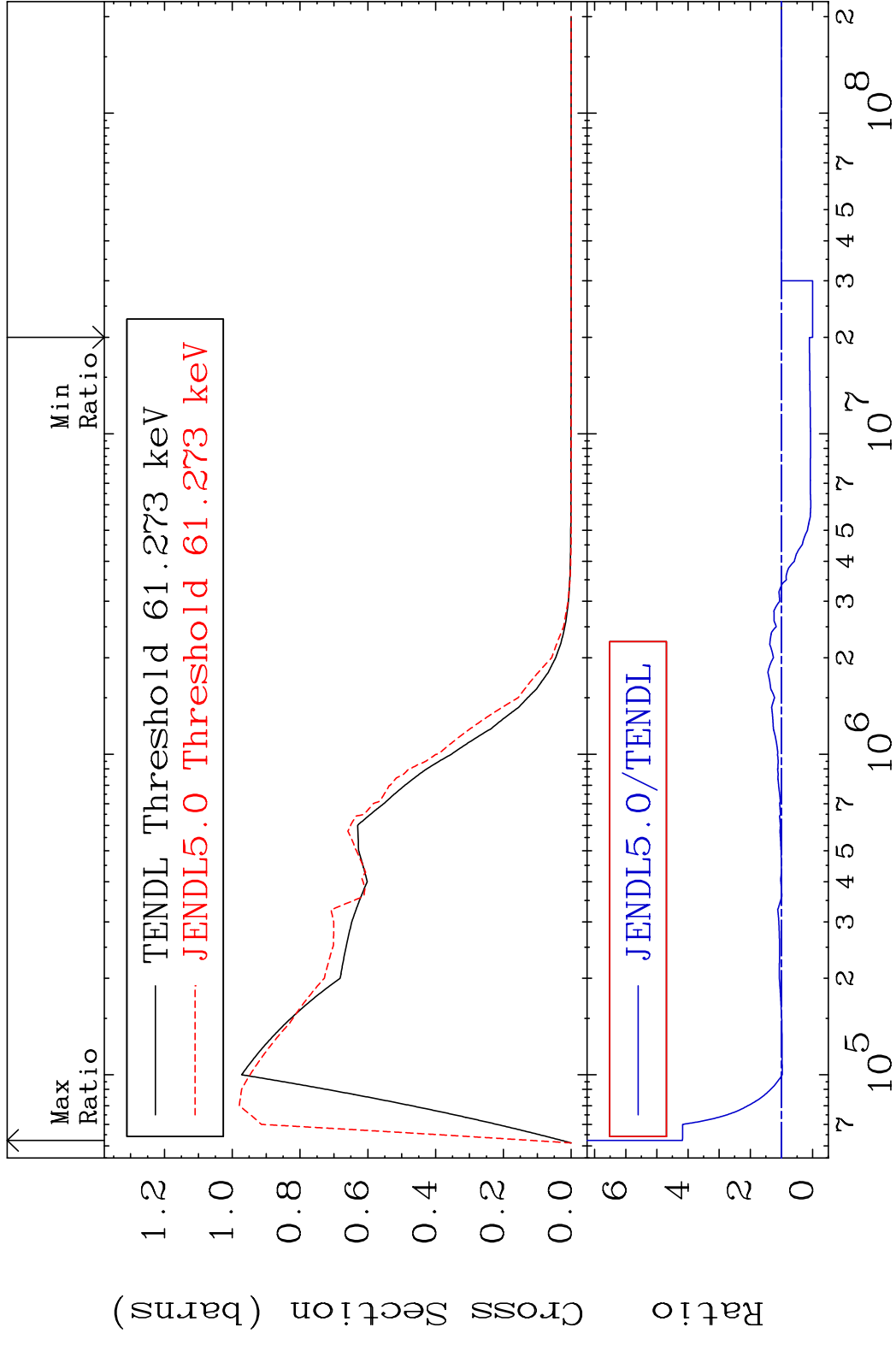
Incident Energy (eV)

65-Tb-157

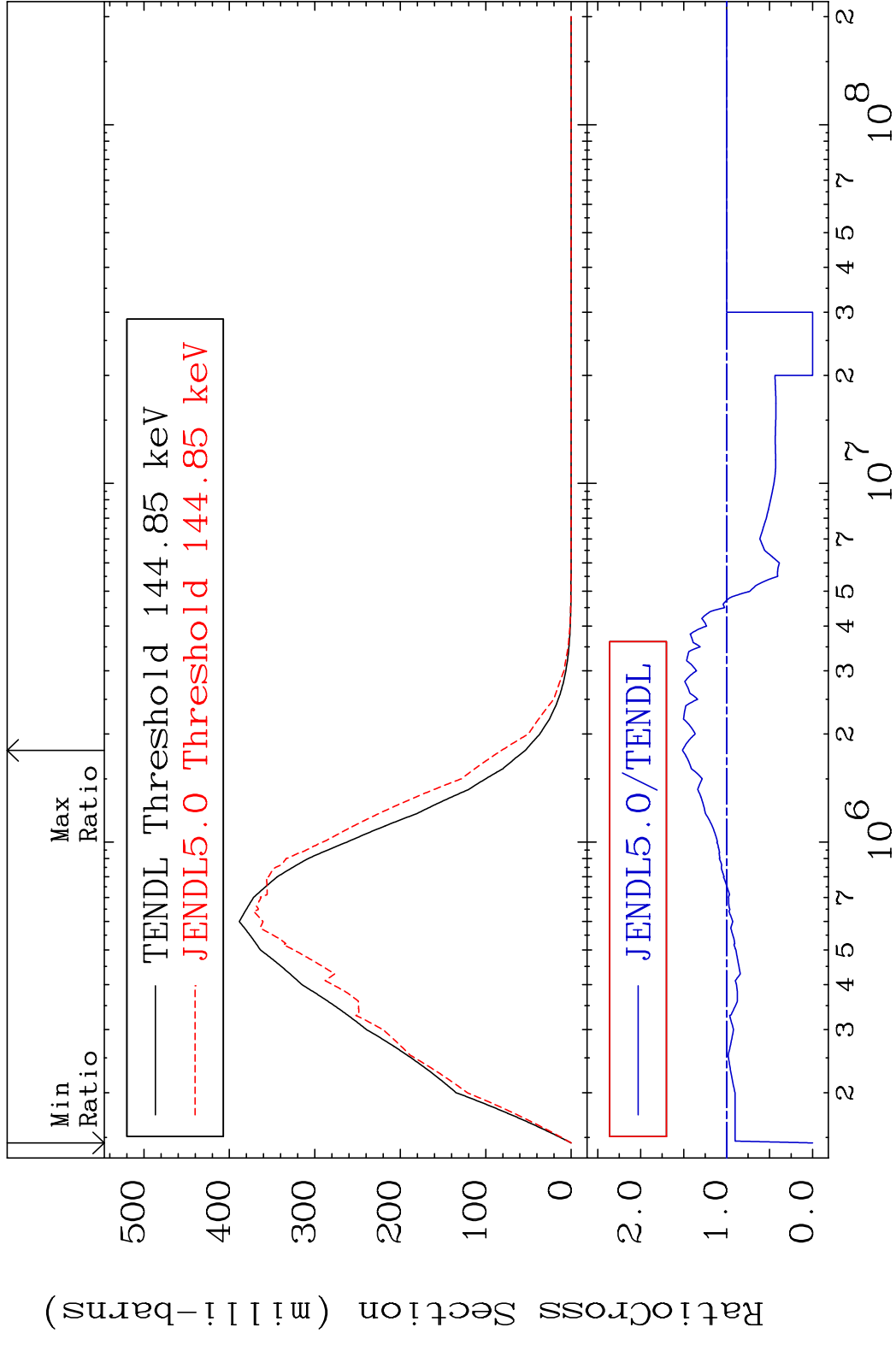
MAT 6519 (n,2n) p 65-Tb-157
 Cross Section -100.0 To 4.929 %



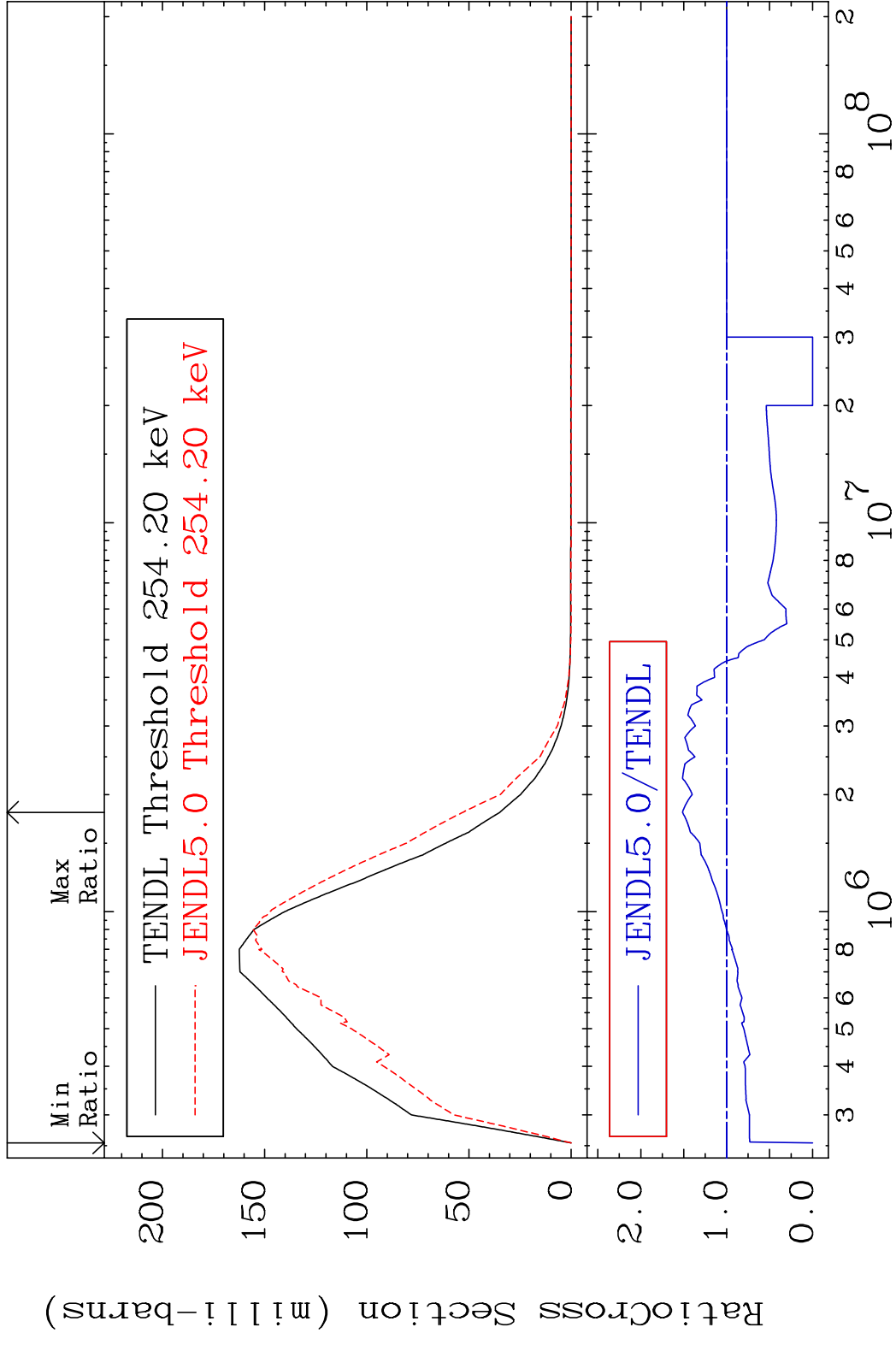
MAT 6519 MT= 51 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 318.2 %



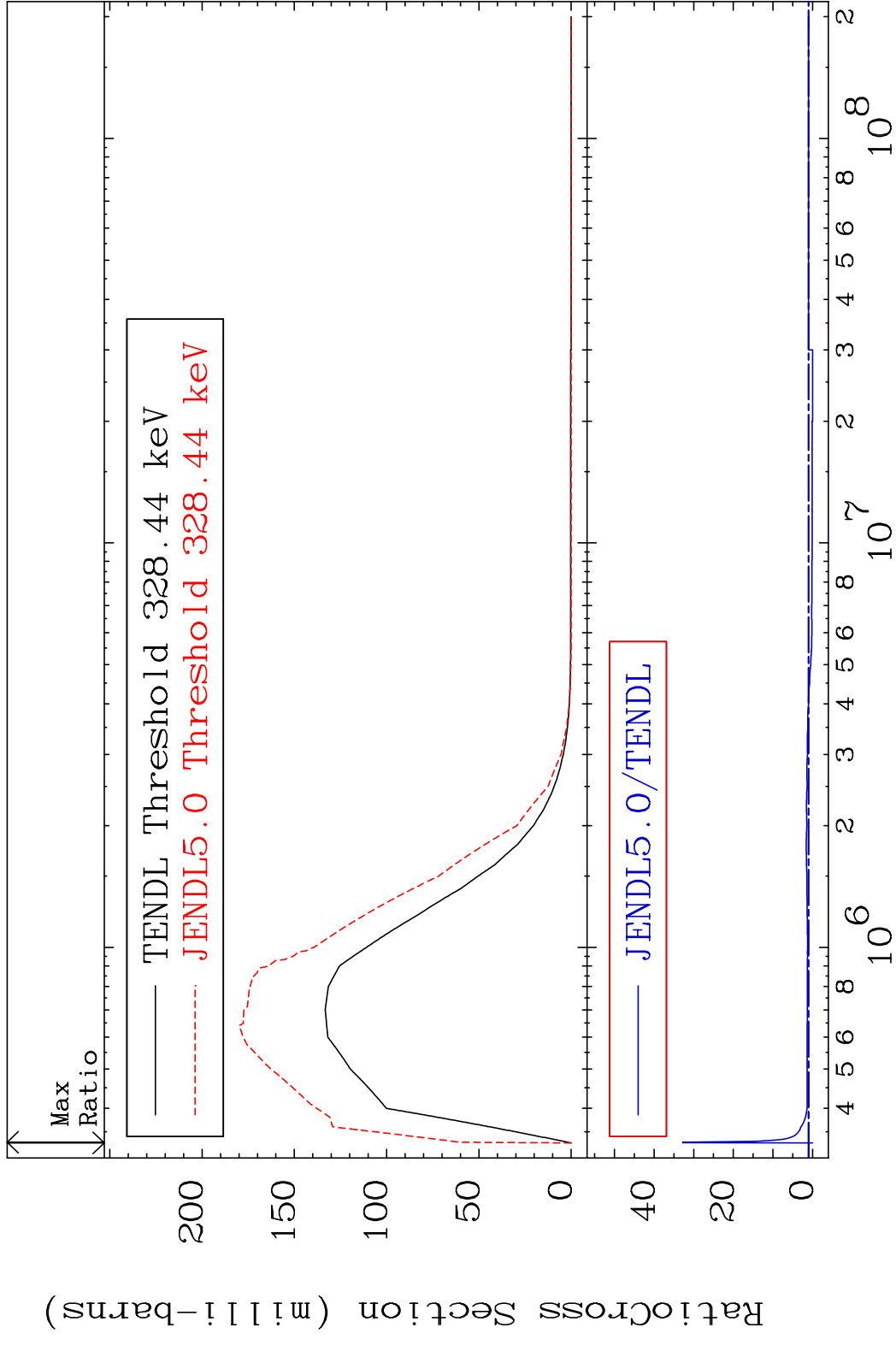
MAT 6519 MT= 52 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 51.53 %



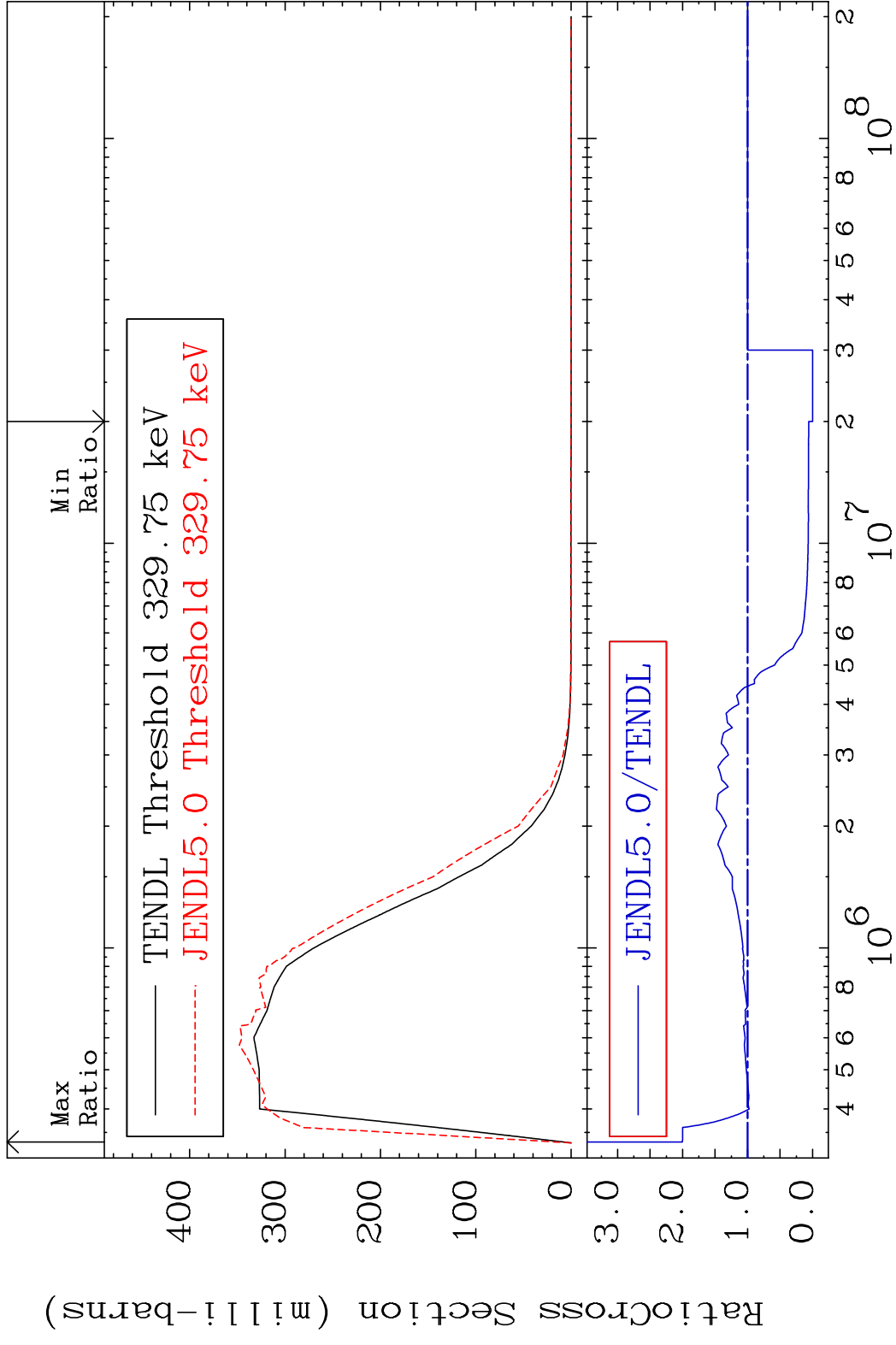
MAT 6519 MT= 53 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 51.61 %



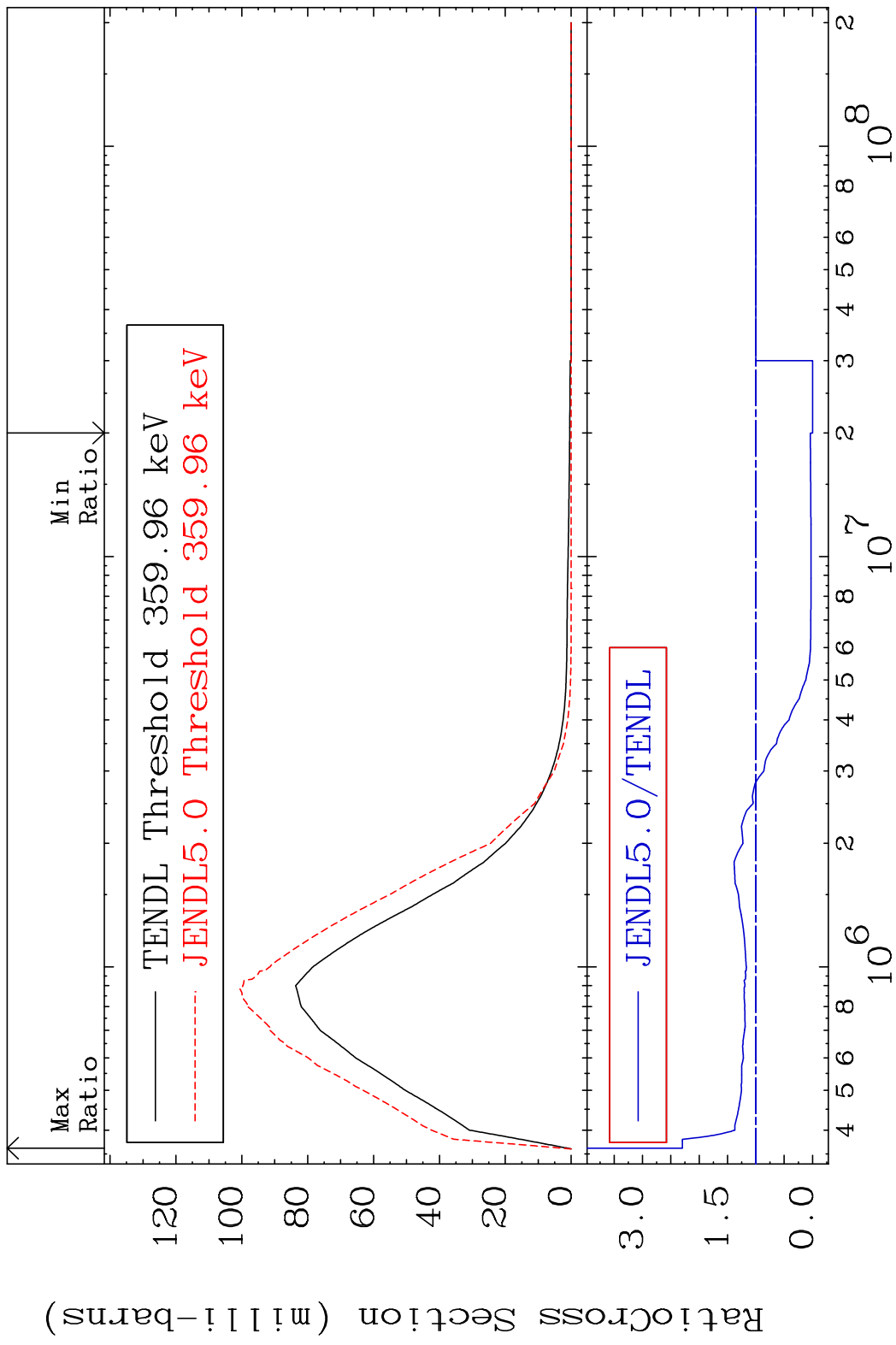
MAT 6519 MT= 54 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 3186. %



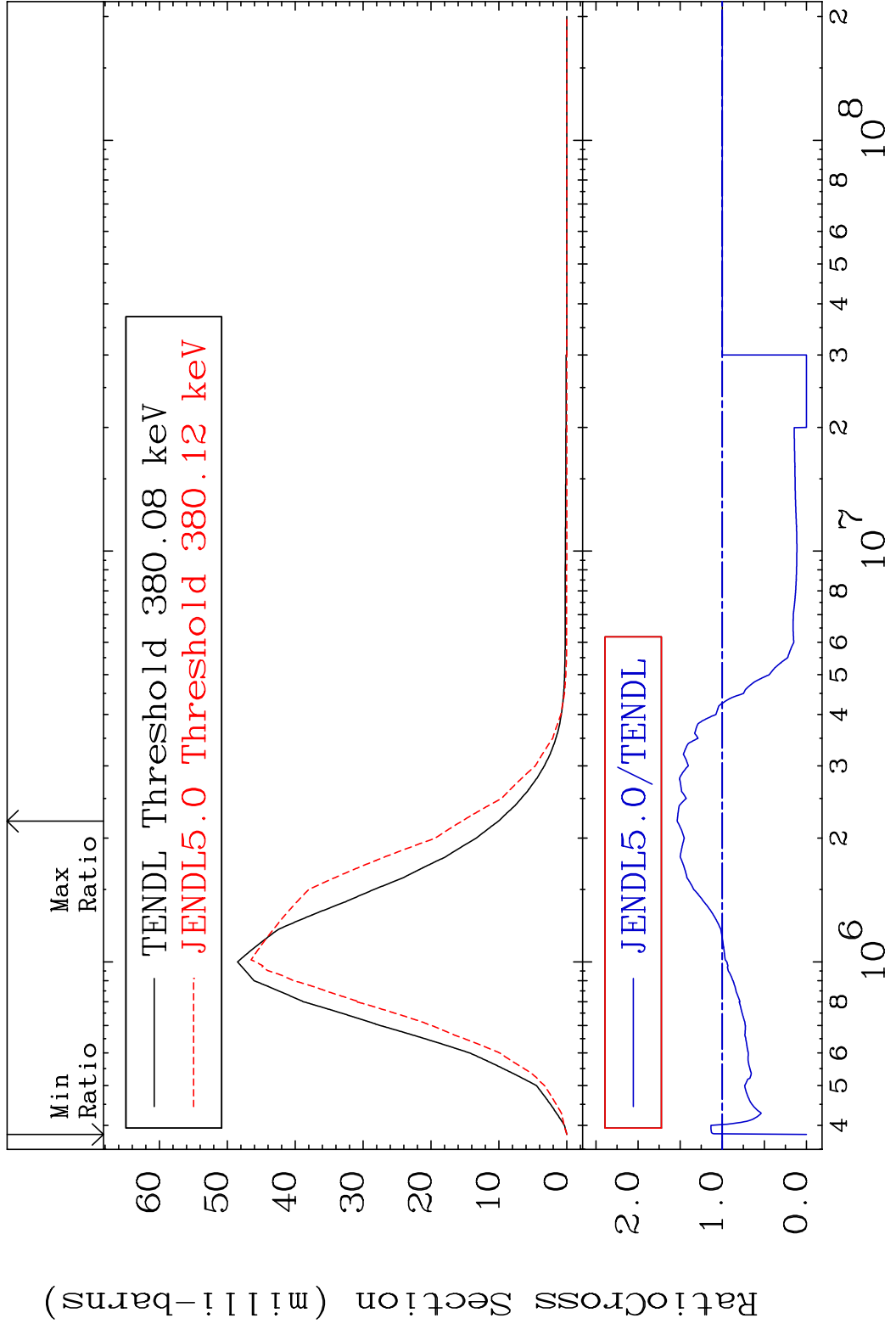
MAT 6519 MT= 55 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 100.4 %



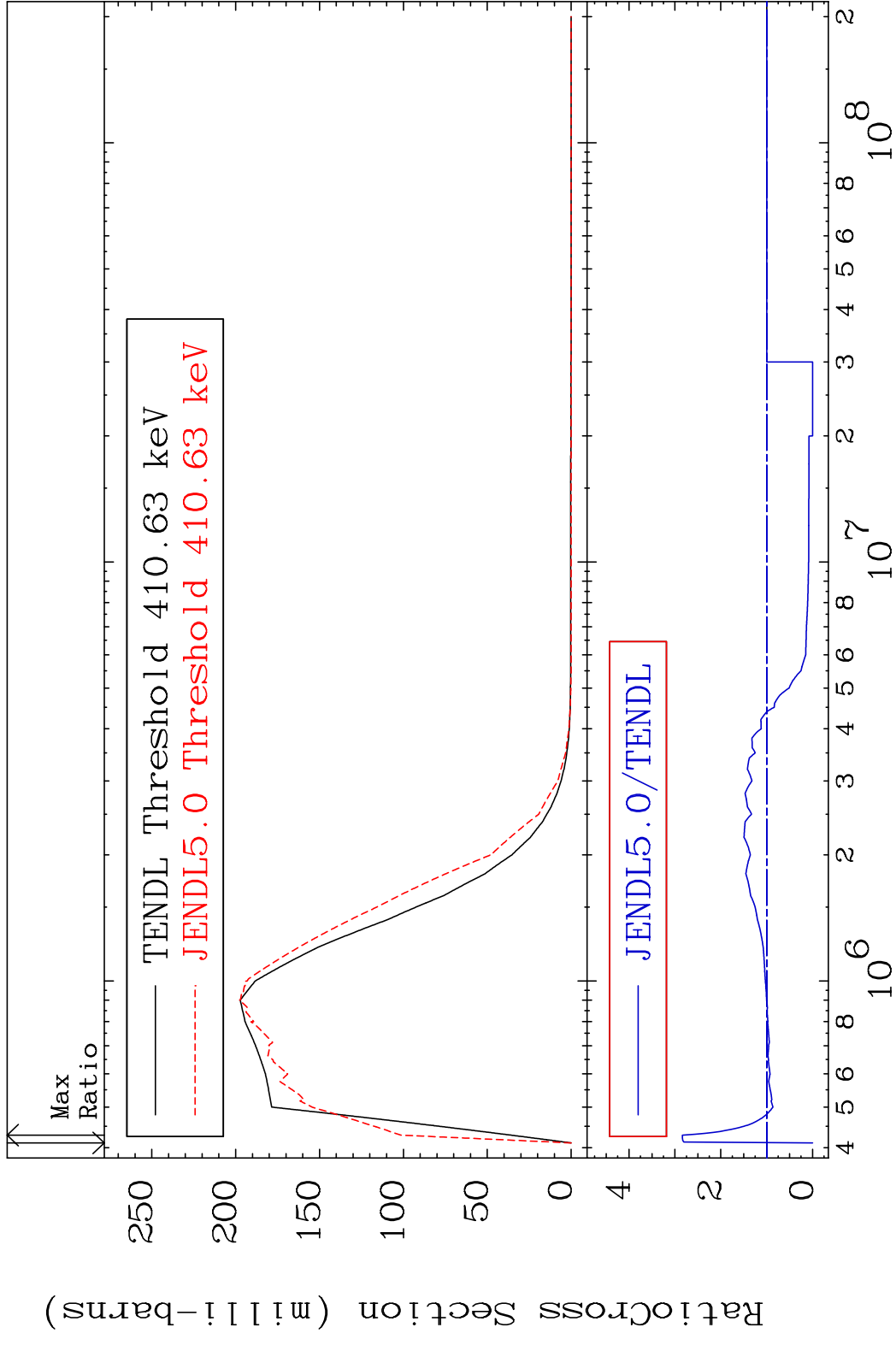
MAT 6519 MT= 56 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 129.7 %



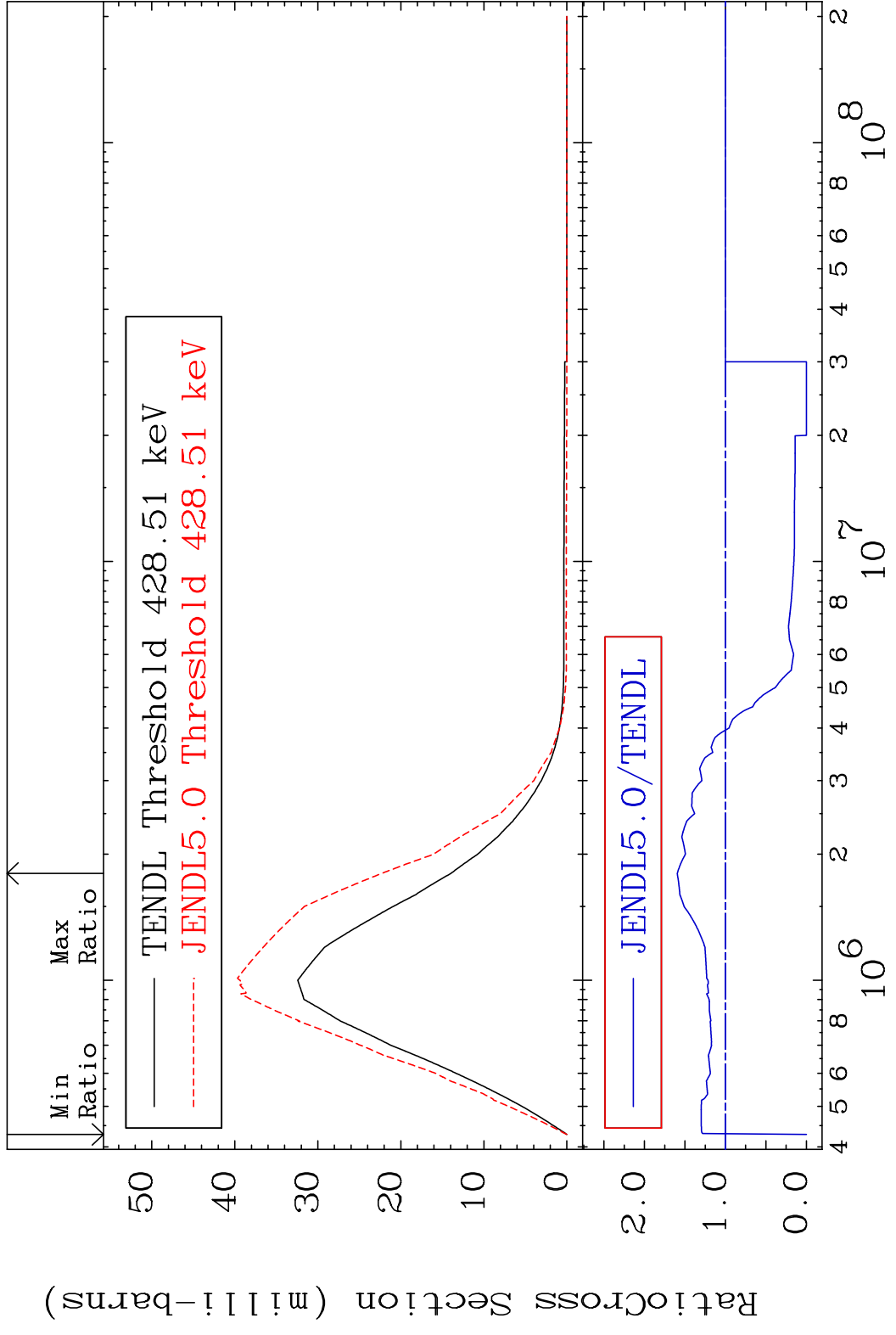
MAT 6519 MT= 57 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 53.59 %



MAT 6519 MT= 58 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 183.8 %

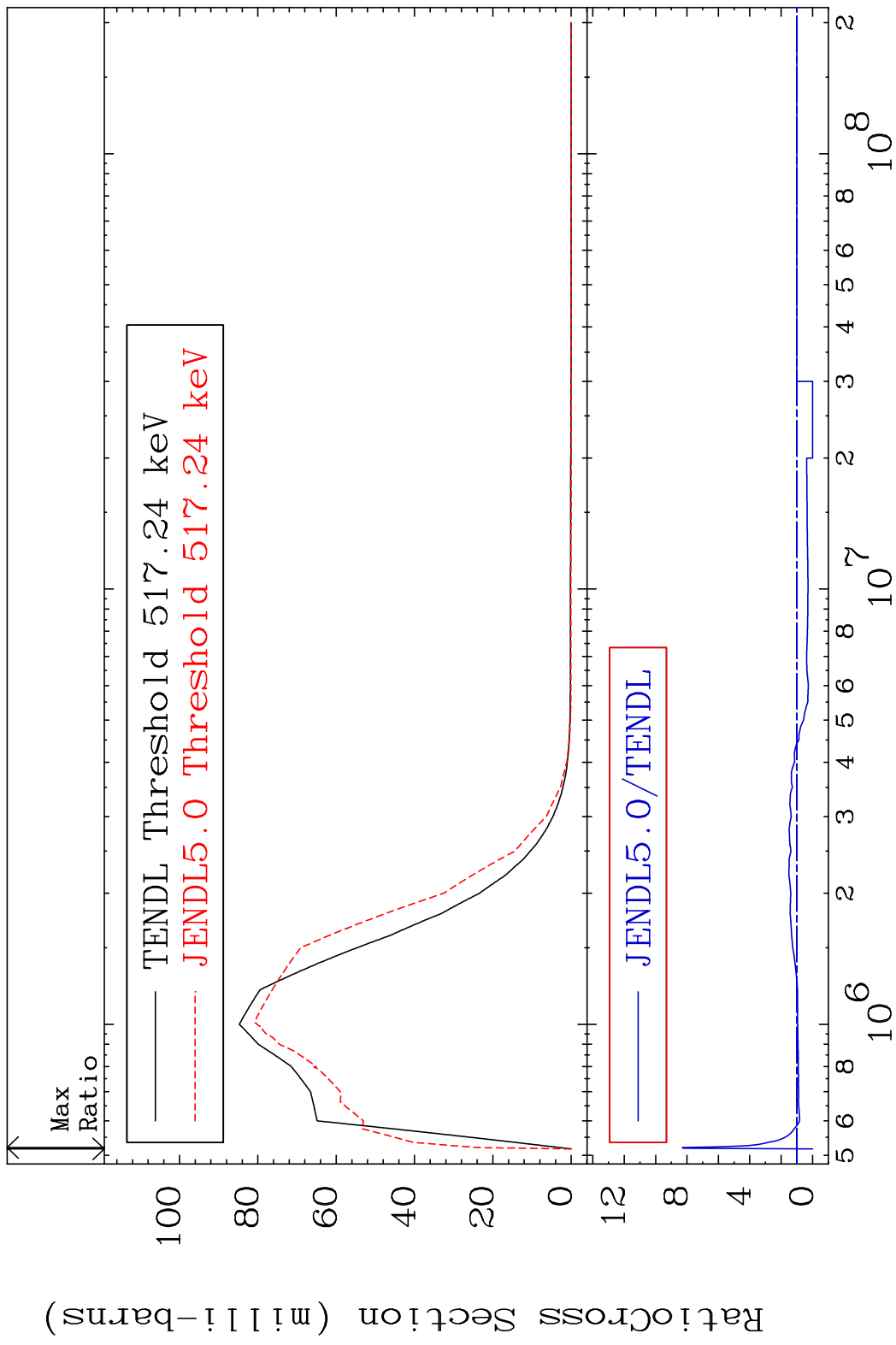


MAT 6519 MT= 59 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 59.58 %

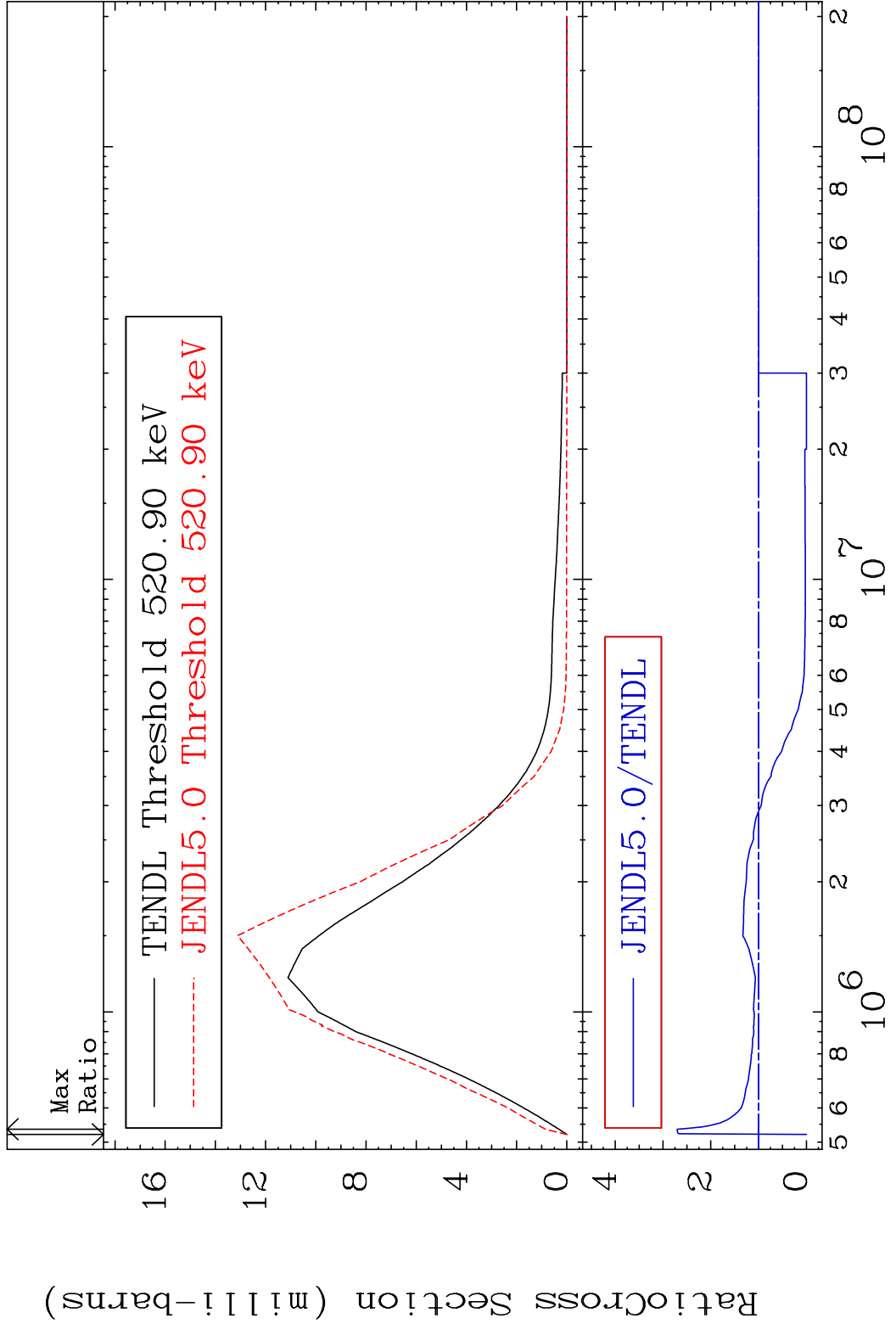


20 Incident Energy (eV) 65-Tb-157

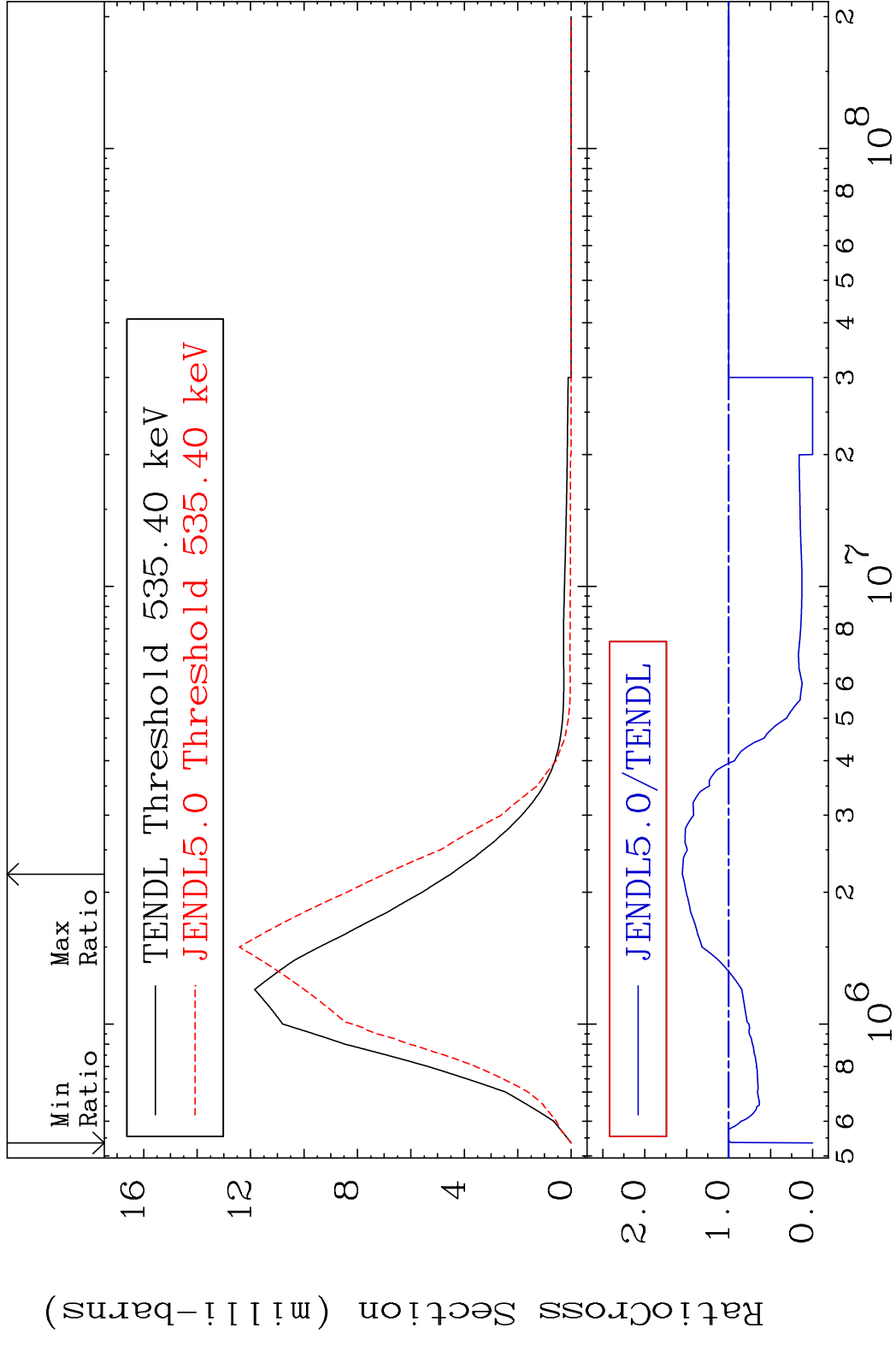
MAT 6519 MT= 60 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 729.6 %



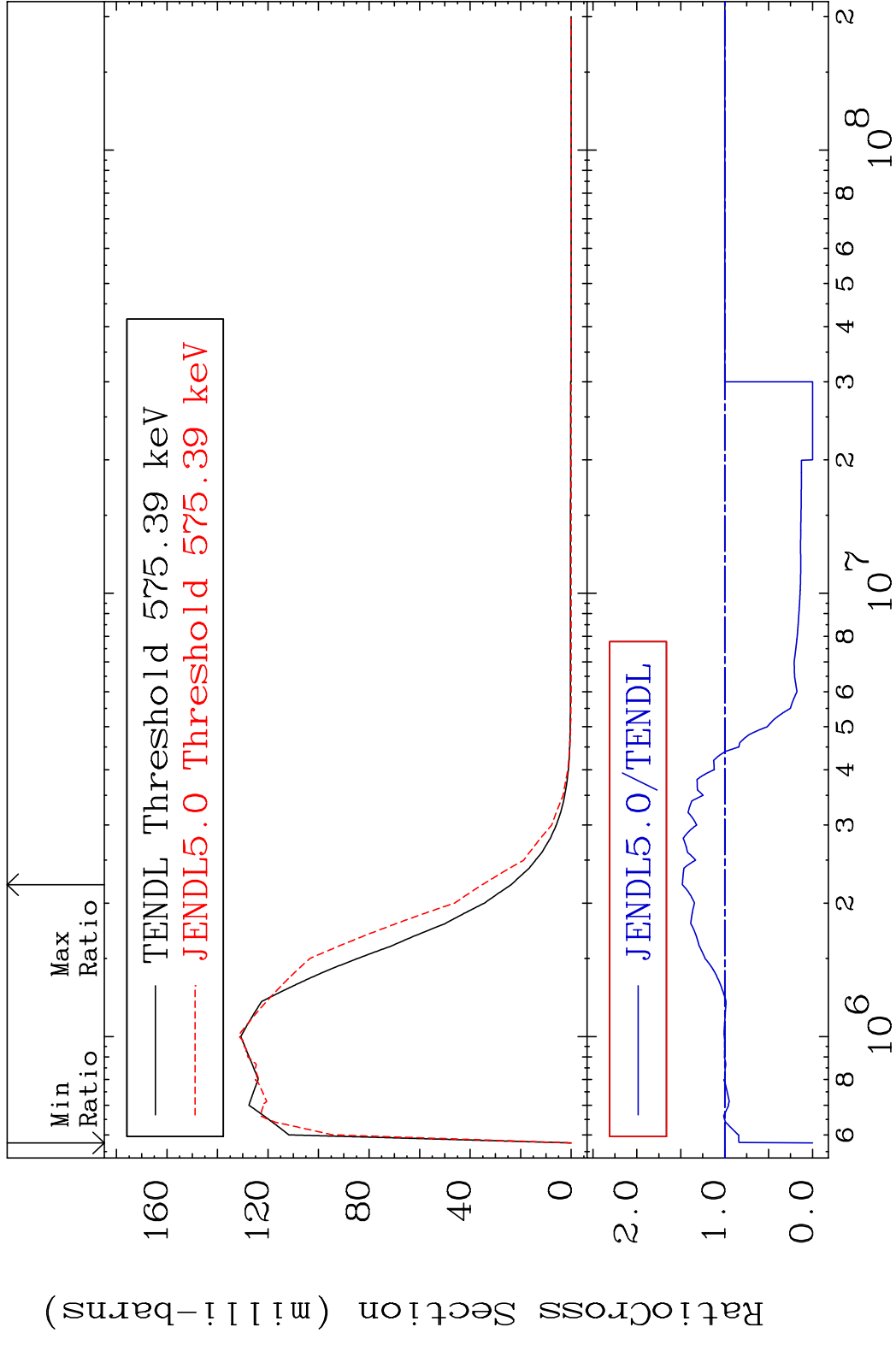
MAT 6519 MT= 61 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 170.4 %



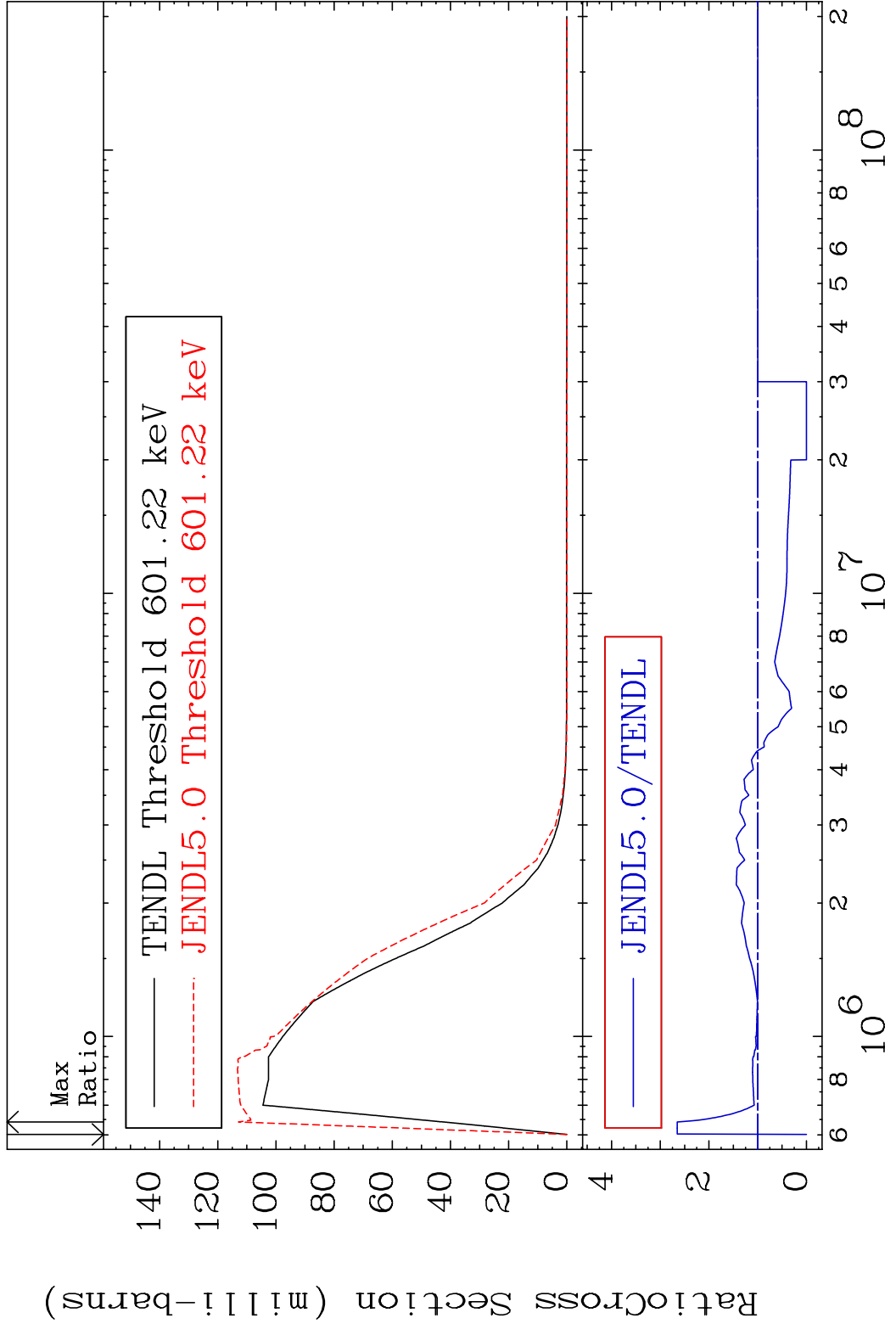
MAT 6519 MT= 62 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 55.18 %



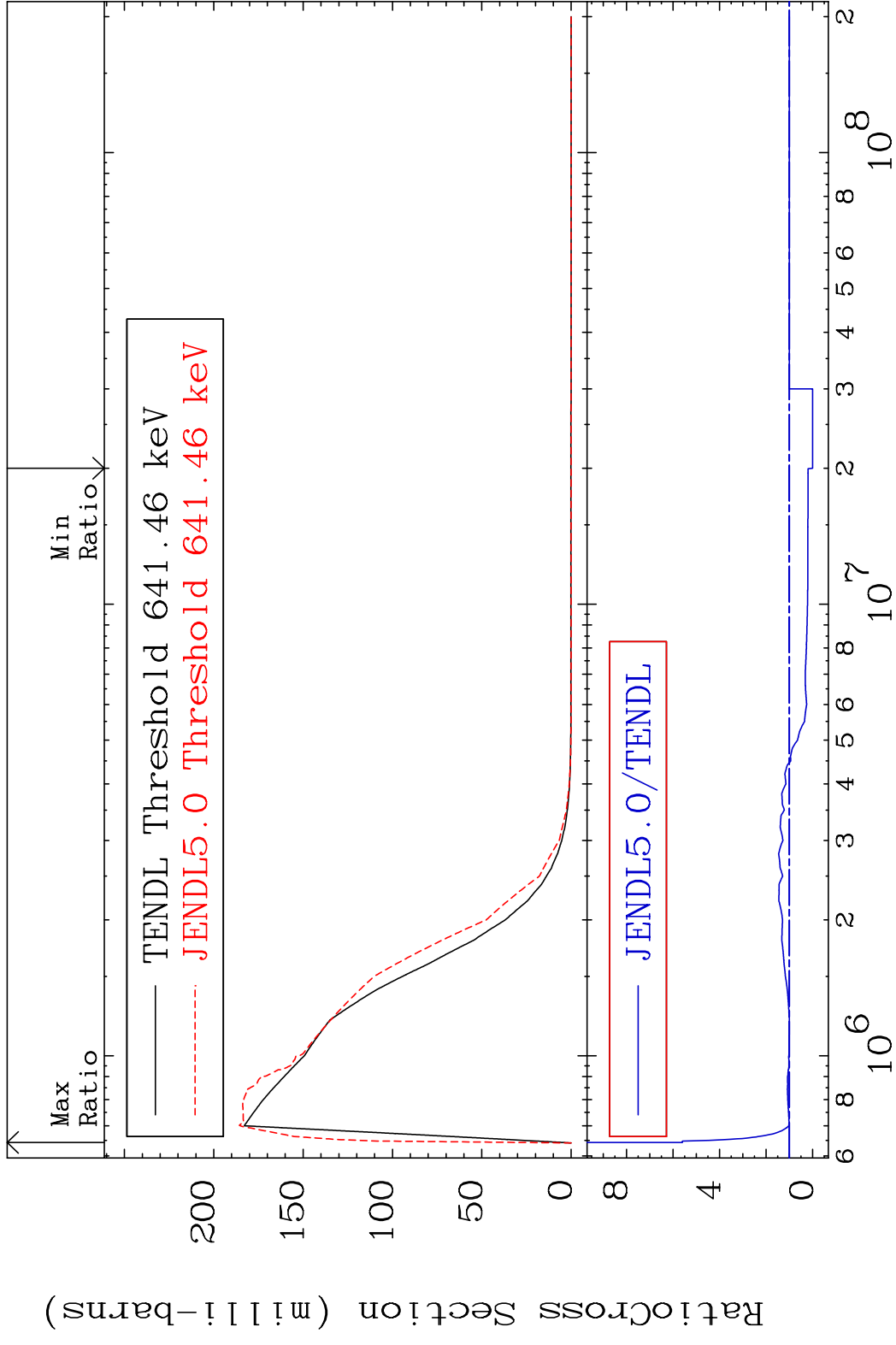
MAT 6519 MT= 63 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 48.21 %



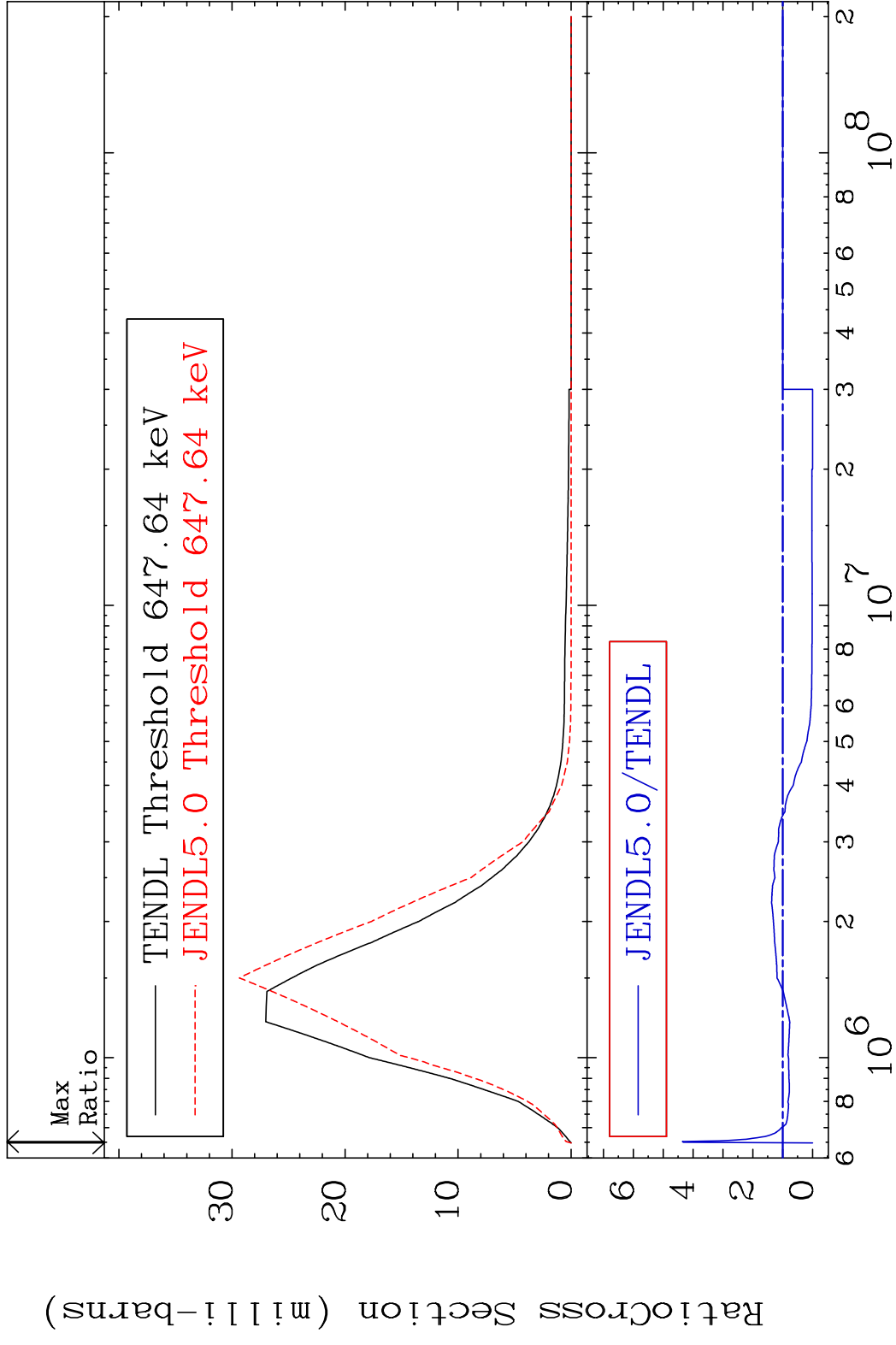
MAT 6519 MT= 64 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 165.3 %



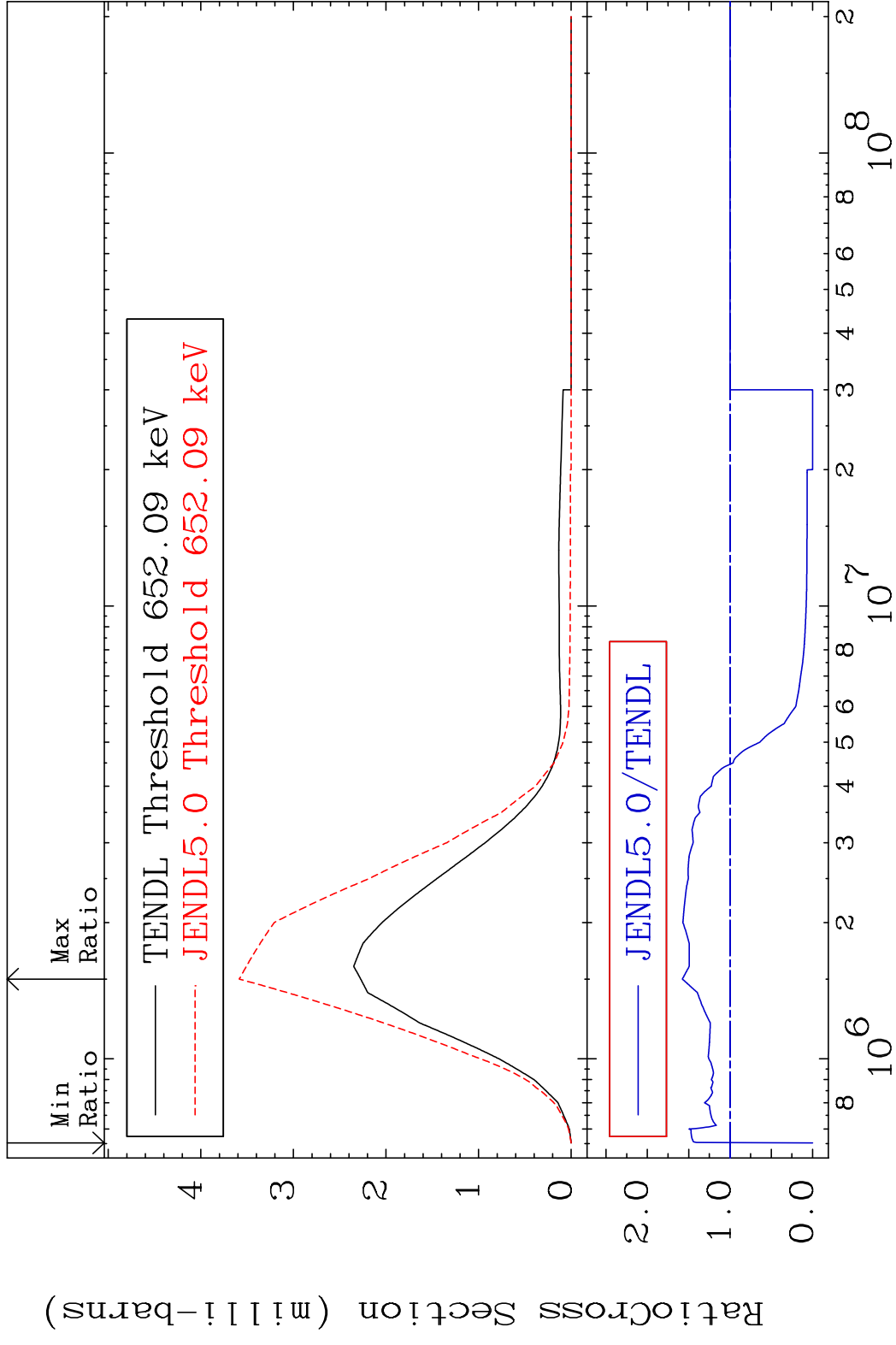
MAT 6519 MT= 65 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 460.1 %



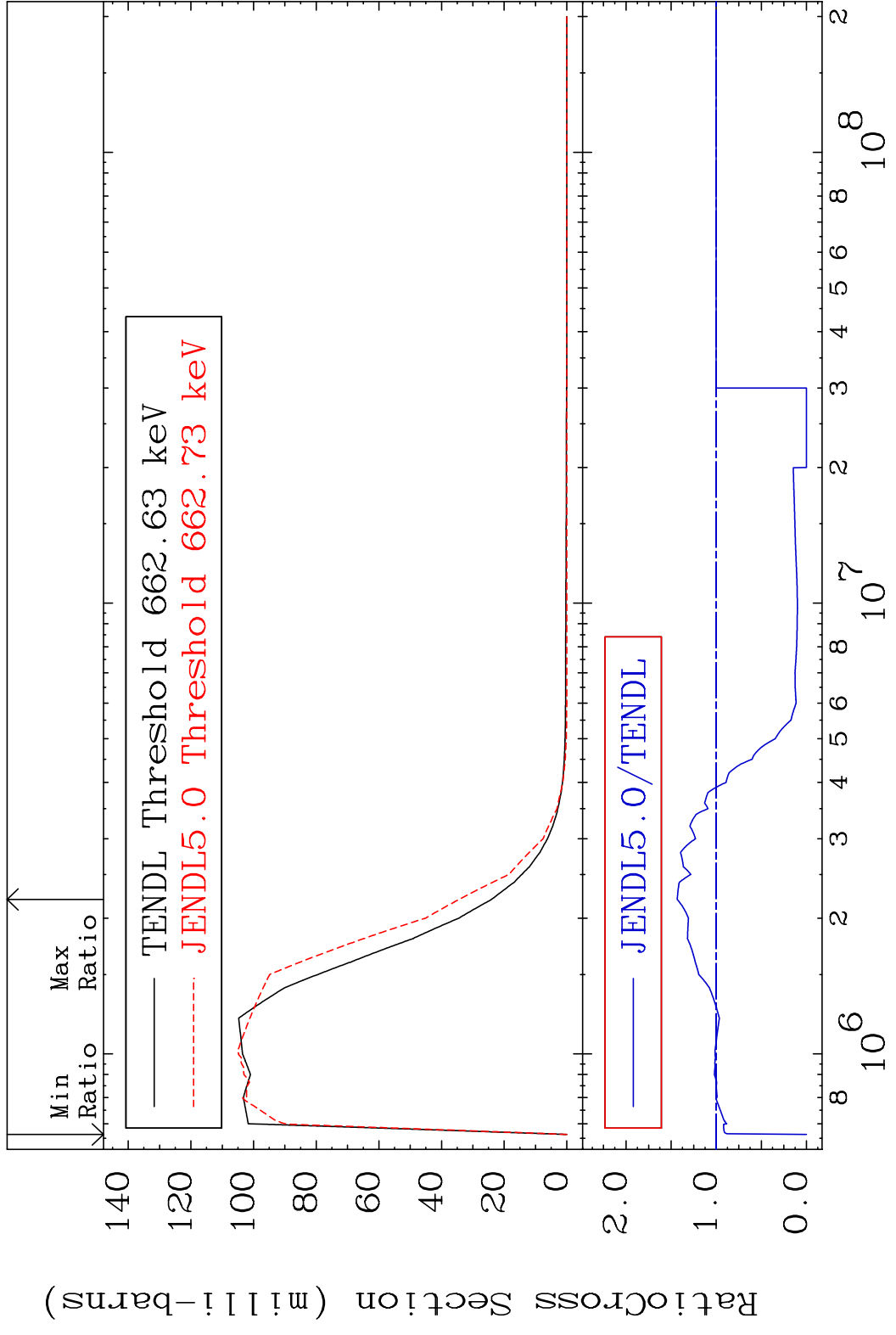
MAT 6519 MT= 66 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 335.9 %



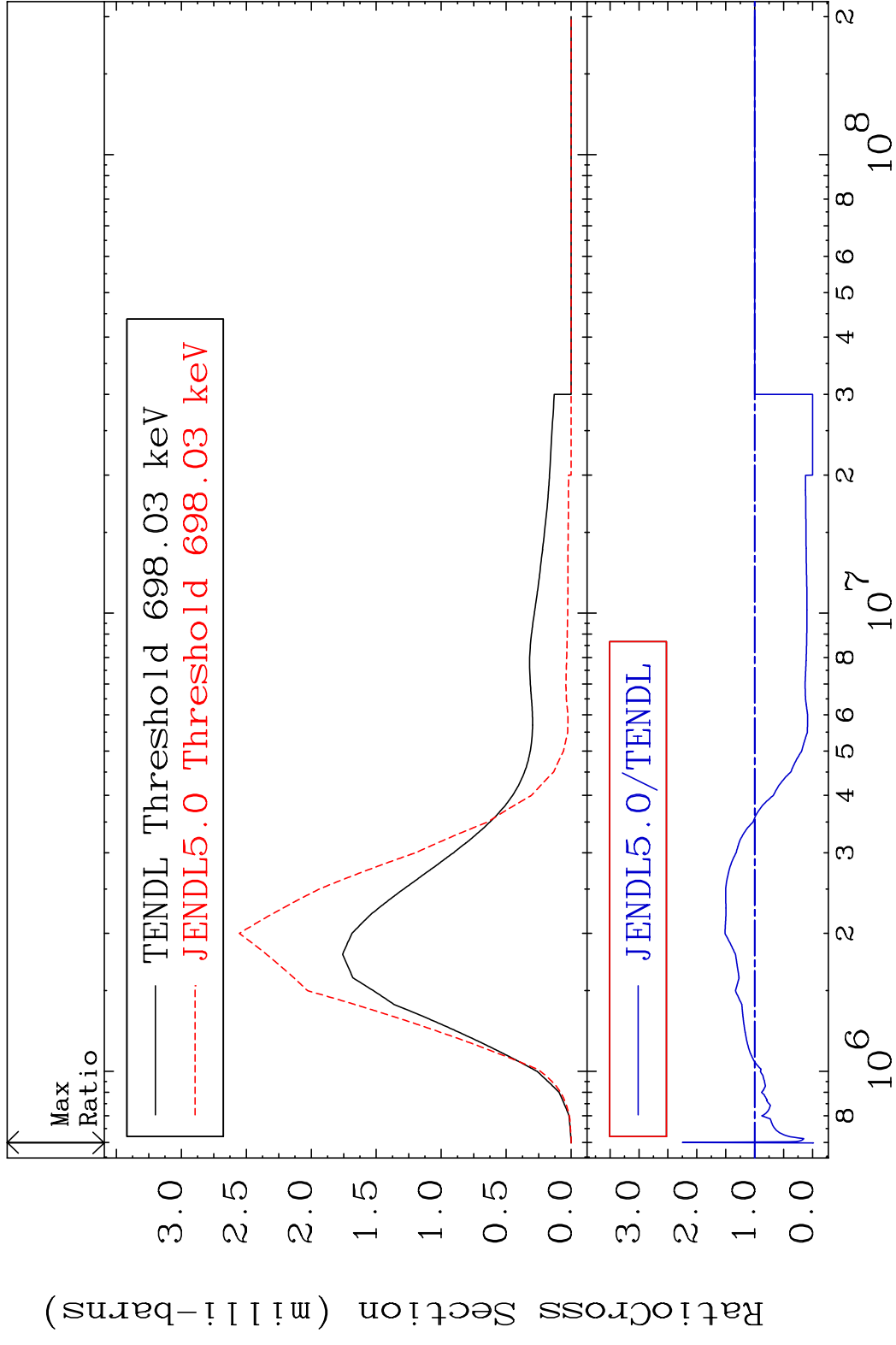
MAT 6519 MT= 67 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 57.65 %



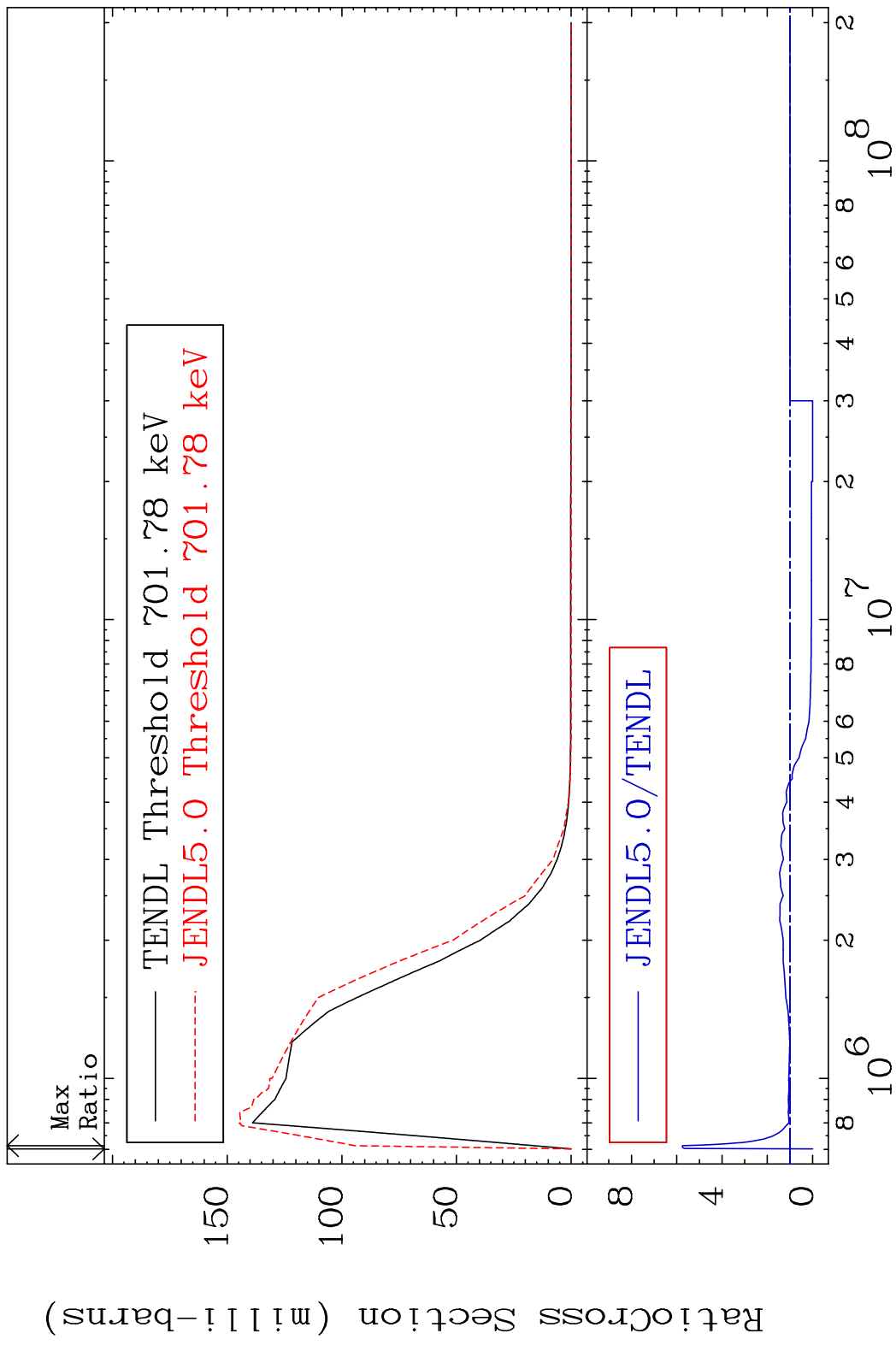
MAT 6519 MT= 68 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 43.31 %



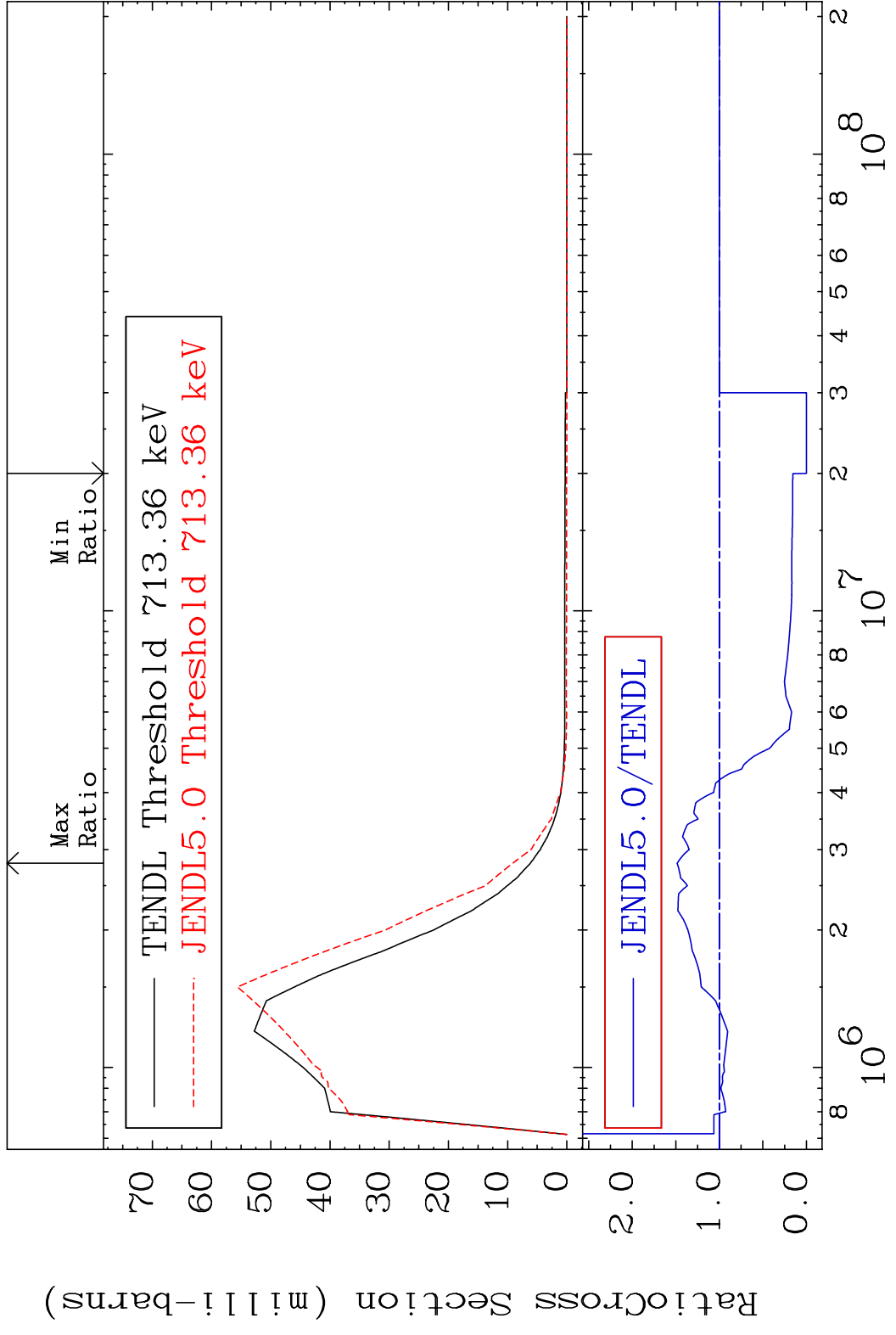
MAT 6519 MT= 69 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 125.0 %



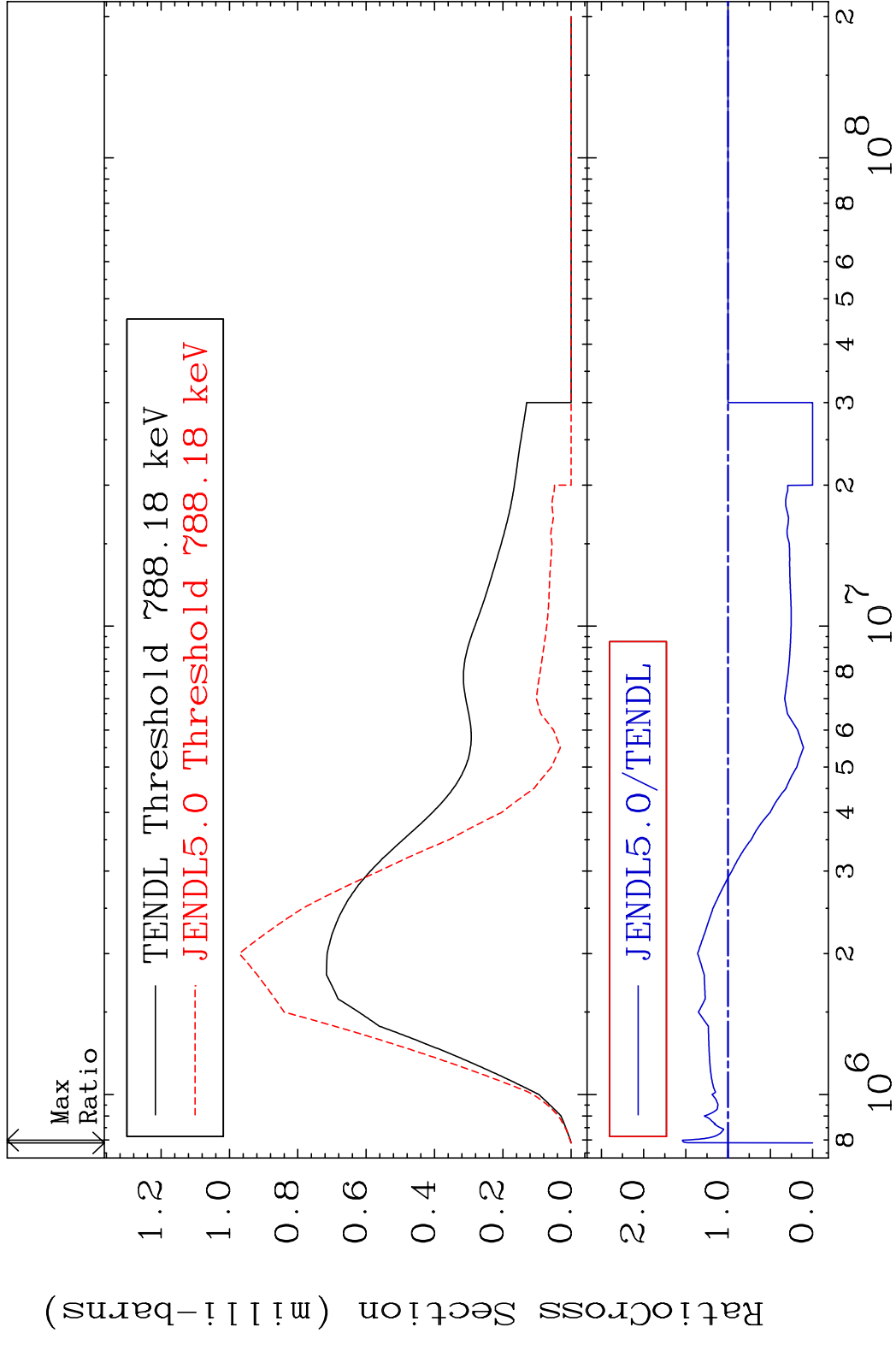
MAT 6519 MT= 70 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 475.2 %



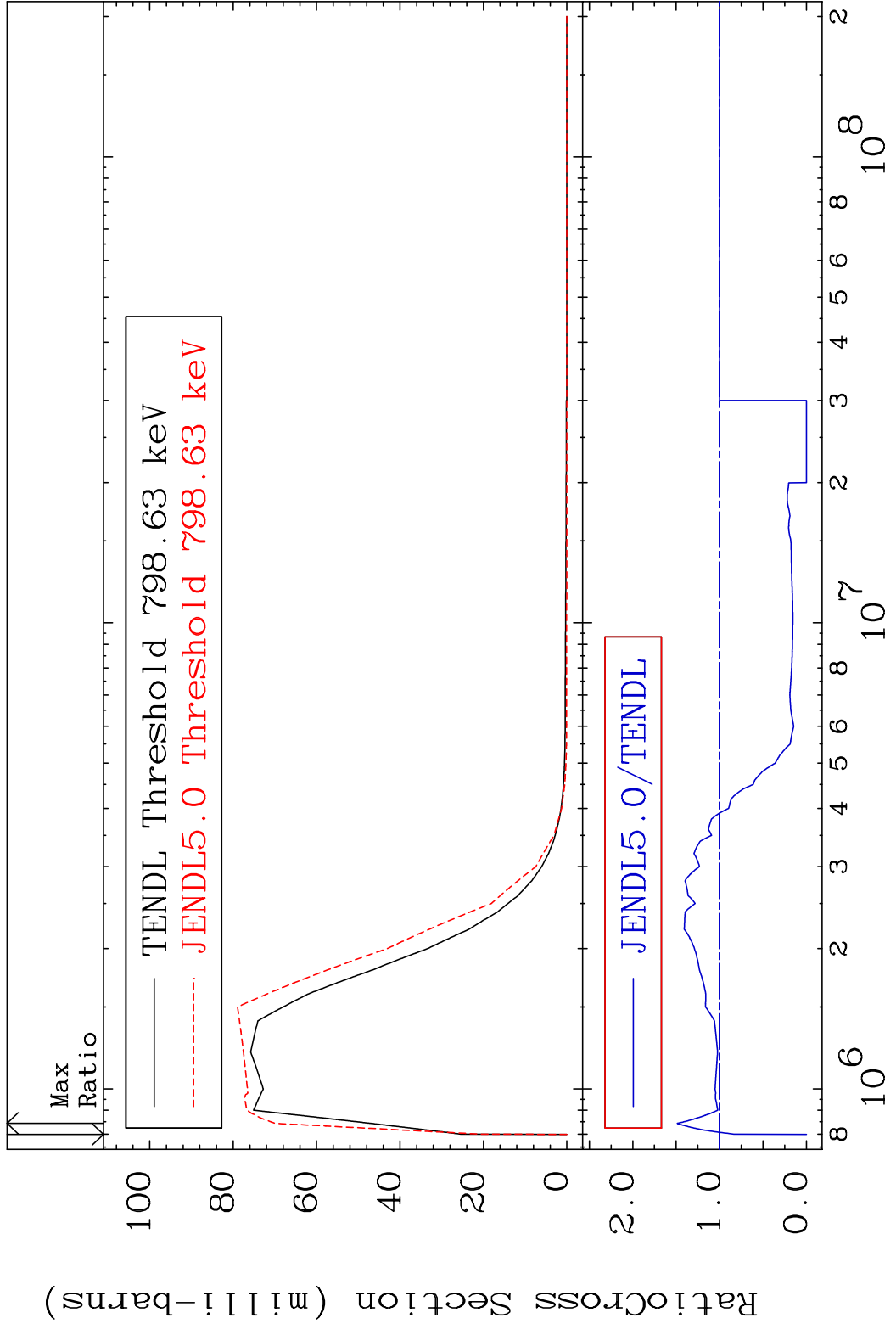
MAT 6519 MT= 71 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 48.42 %



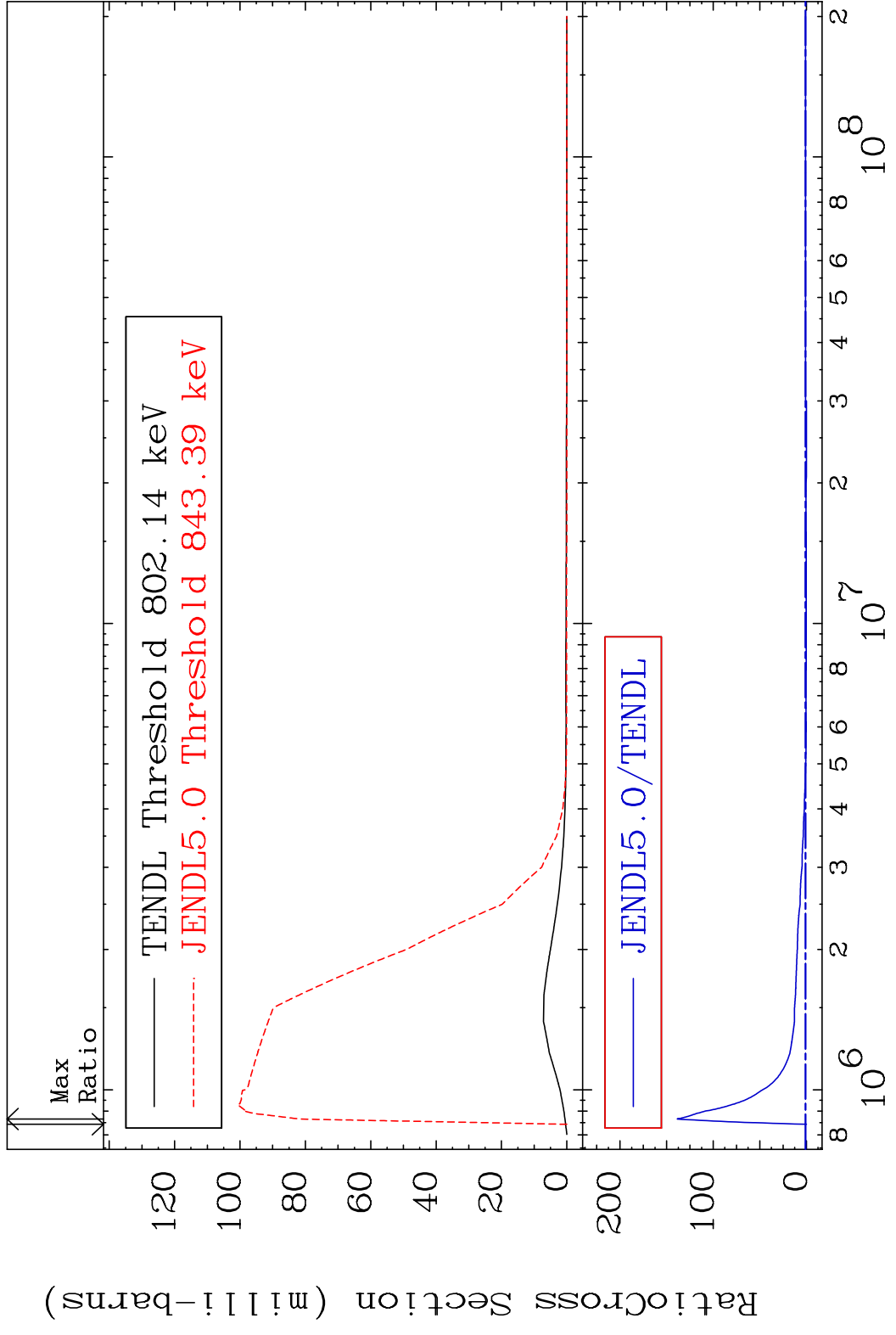
MAT 6519 MT= 72 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 54.14 %



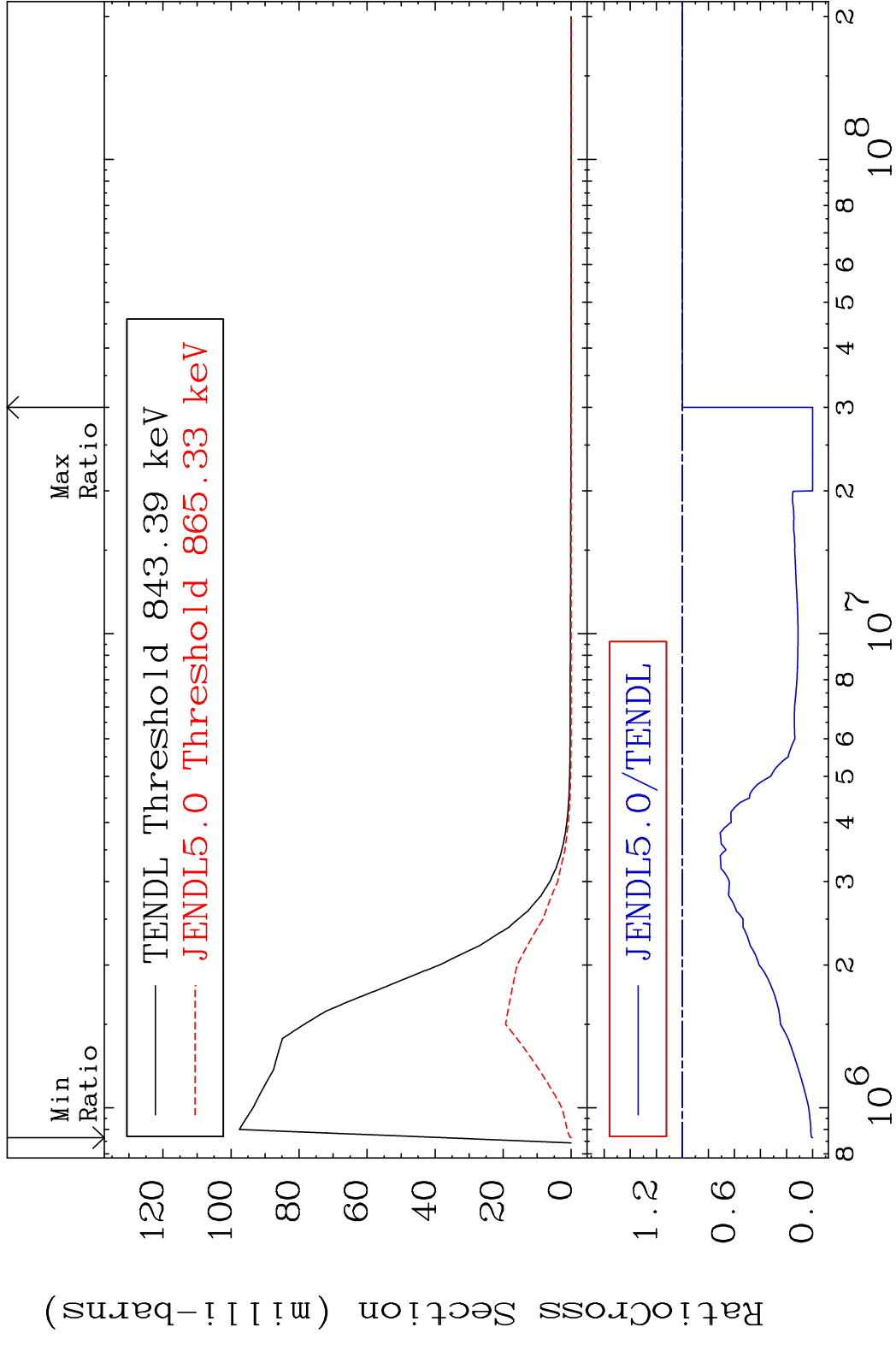
MAT 6519 MT= 73 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 48.84 %



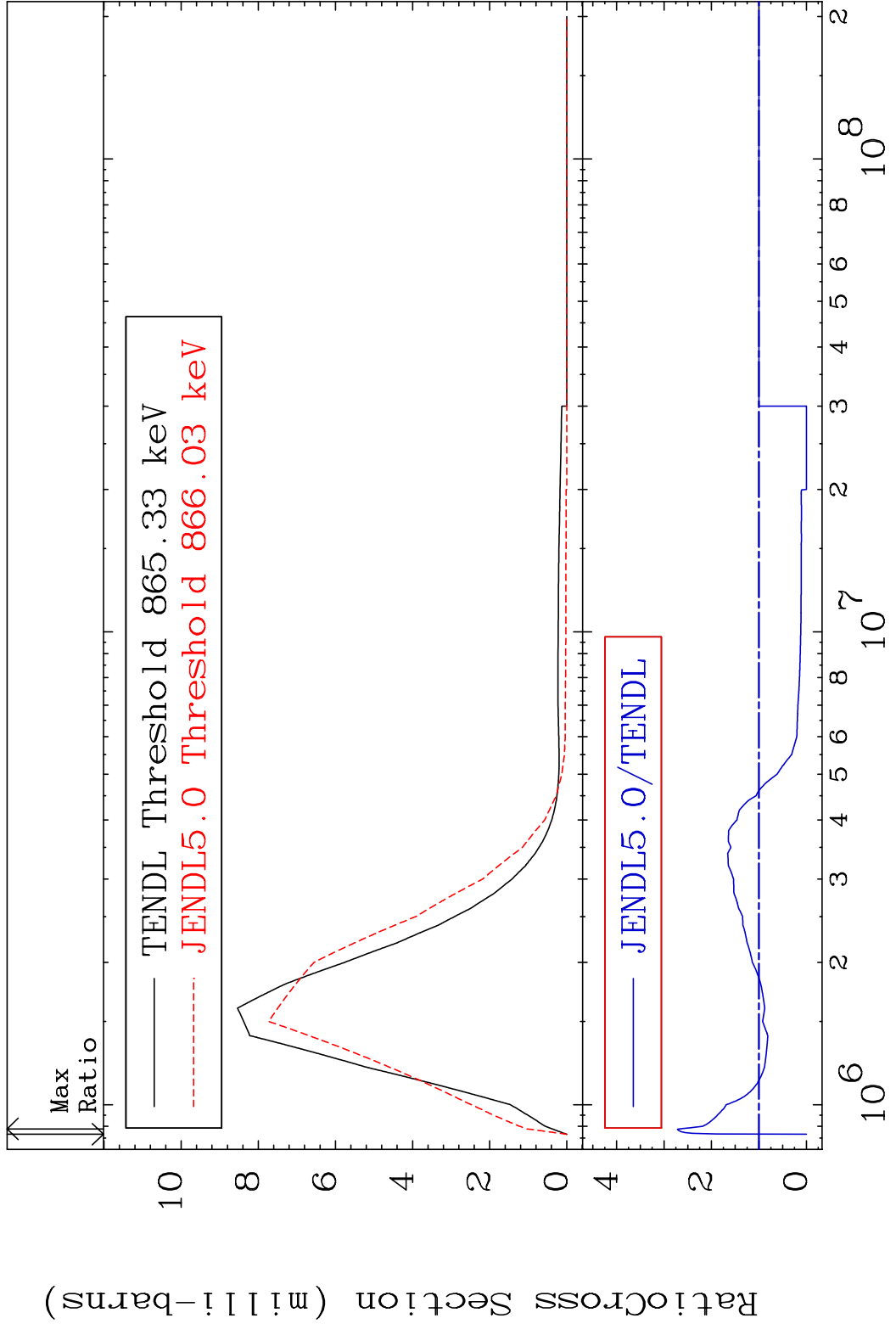
MAT 6519 MT= 74 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 9999. %



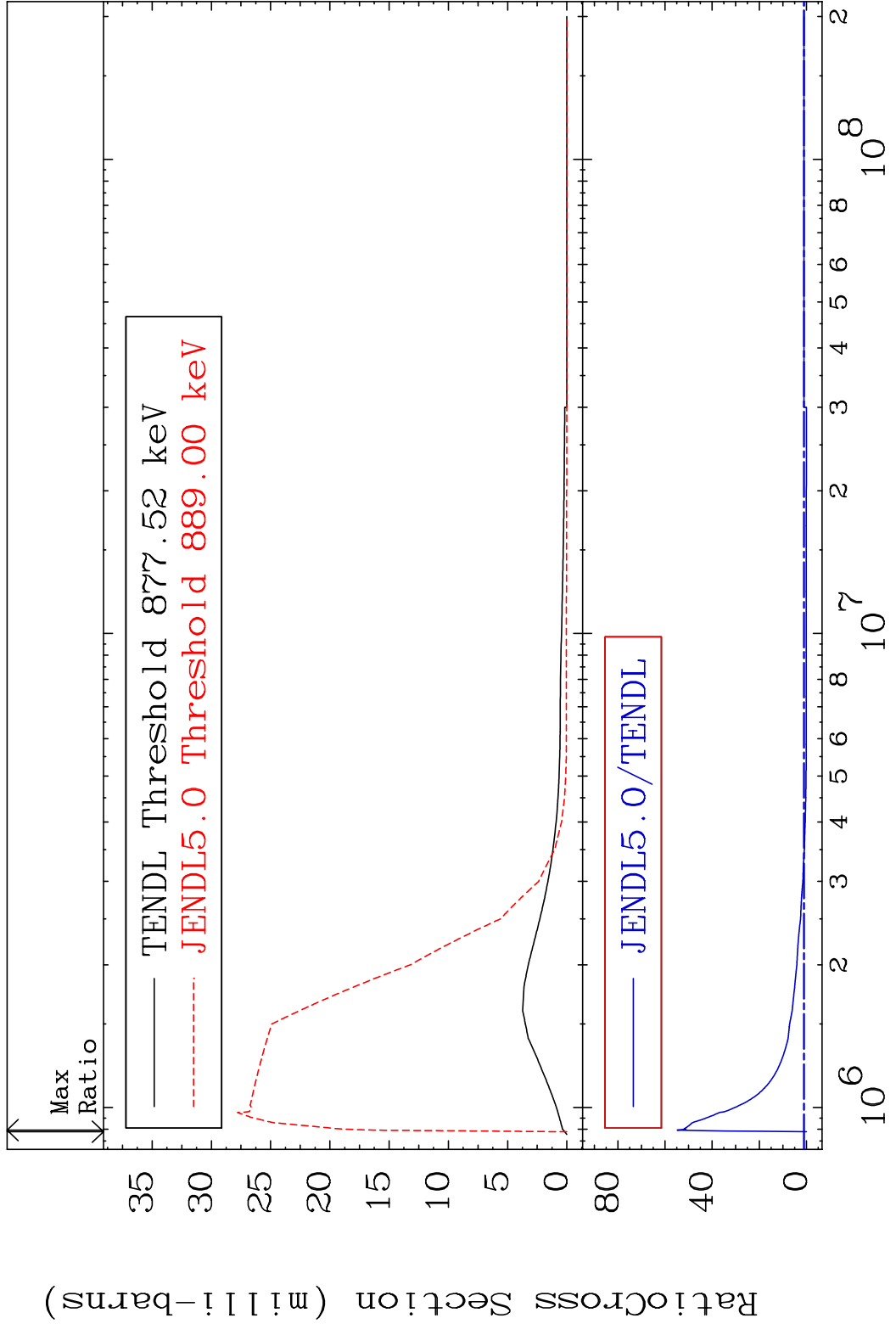
MAT 6519 MT= 75 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 0.000 %



MAT 6519 MT= 76 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 172.3 %

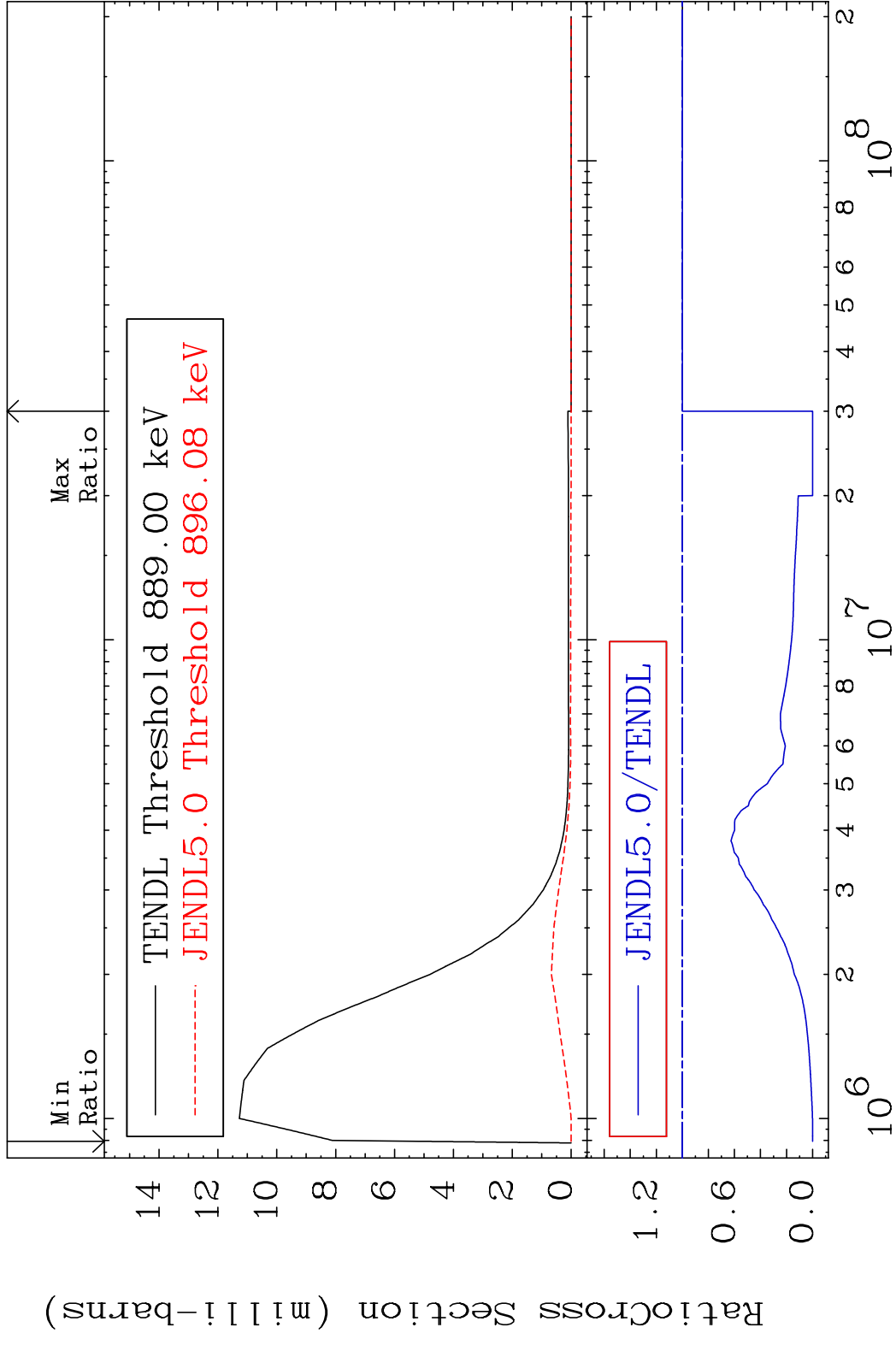


MAT 6519 MT= 77 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 5382. %

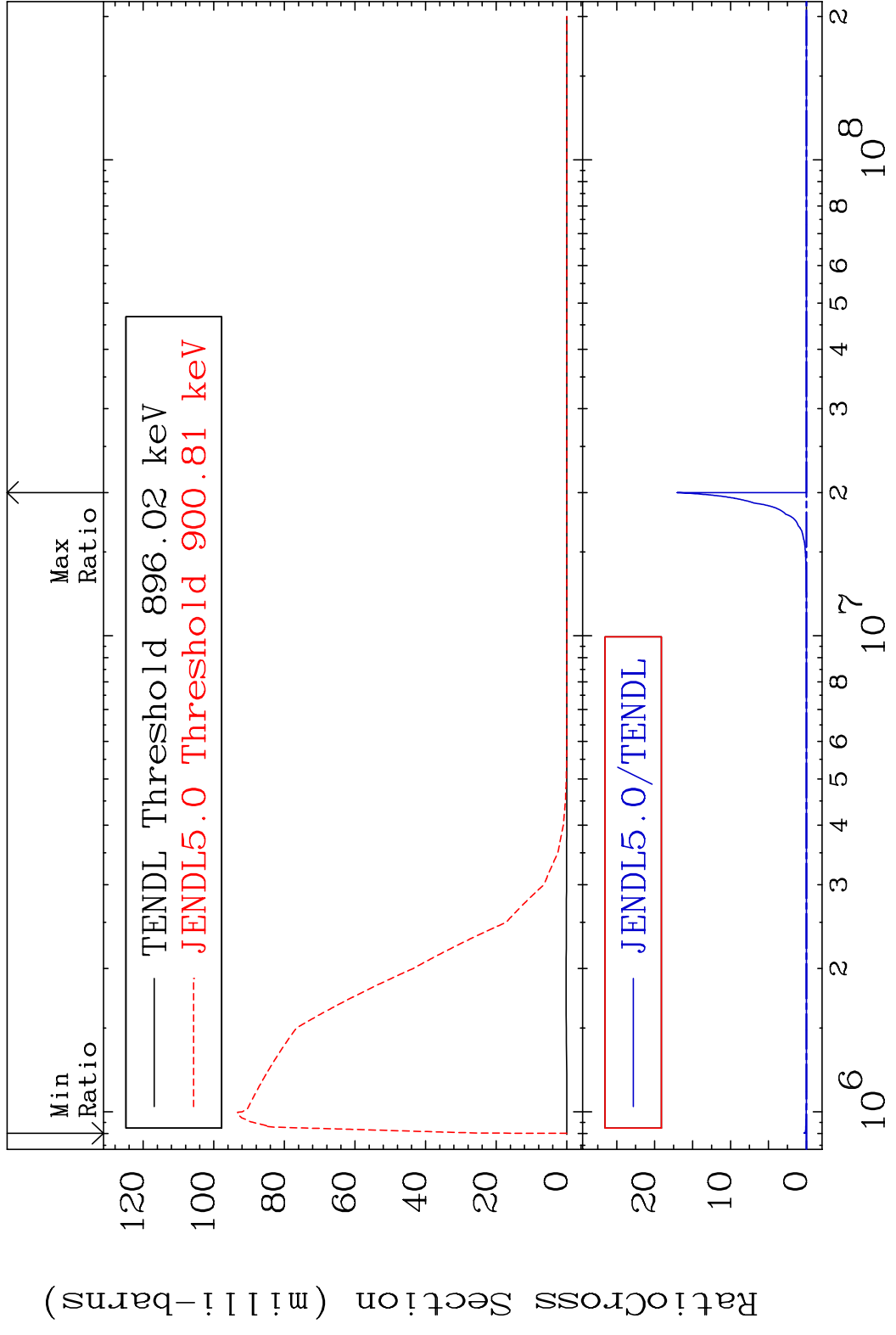


38 Incident Energy (eV) 65-Tb-157

MAT 6519 MT= 78 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 0.000 %

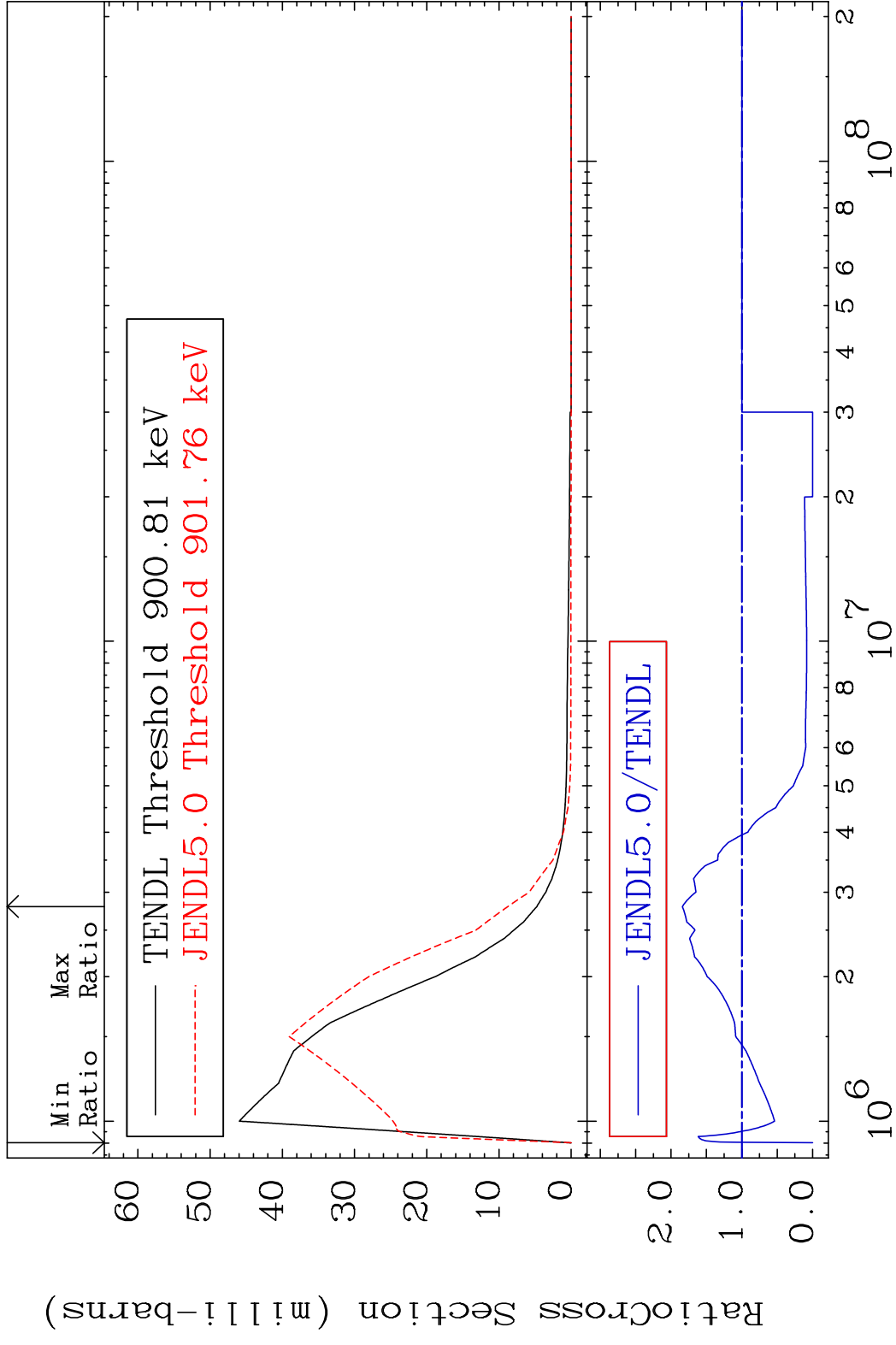


MAT 6519 MT= 79 (n, n') Level 65-Tb-157
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 65-Tb-157

MAT 6519 MT= 80 (n,n') Level 65-Tb-157
 Cross Section -100.0 To 84.01 %

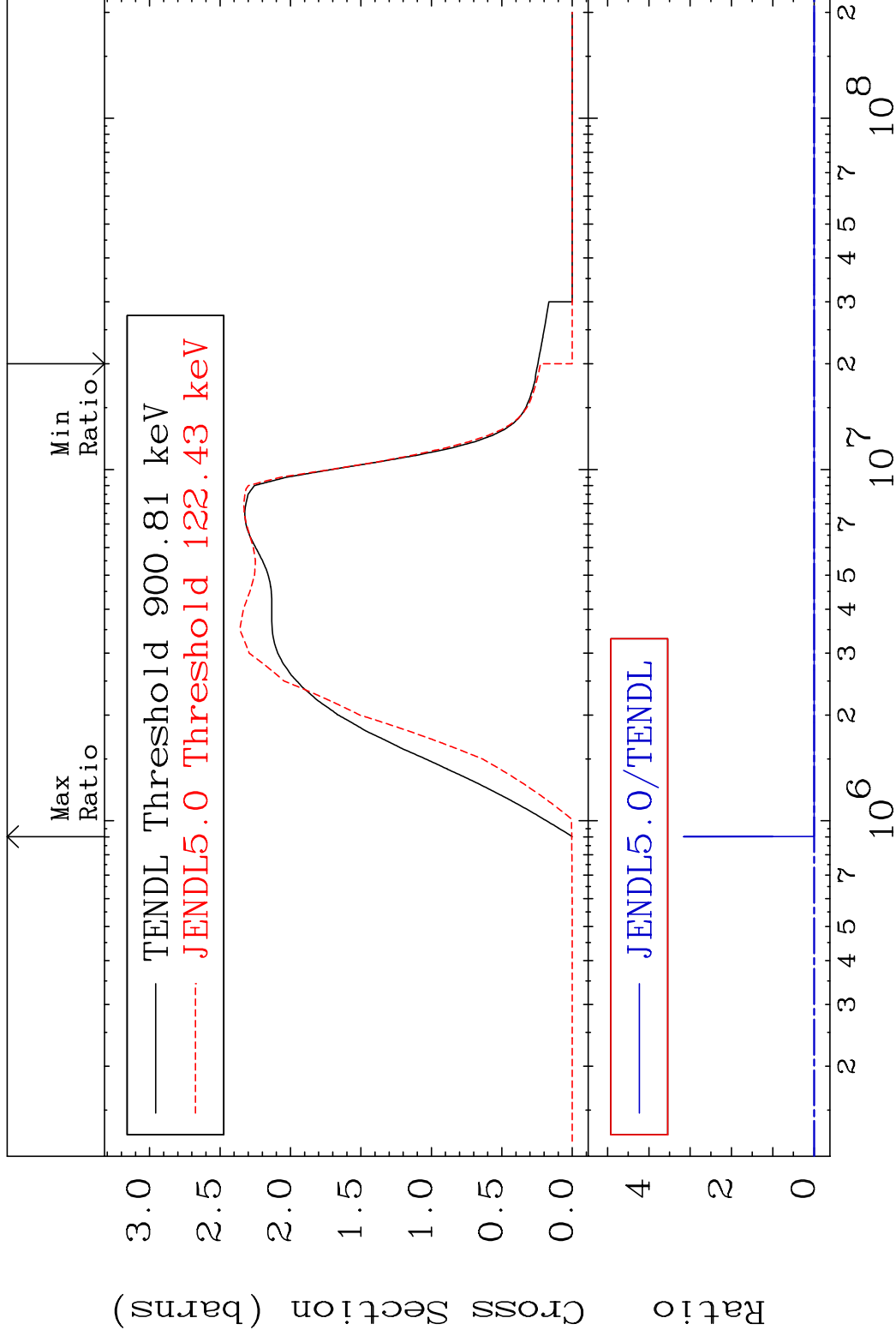


MAT 6519

(n, n') Continuum

65-Tb-157

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

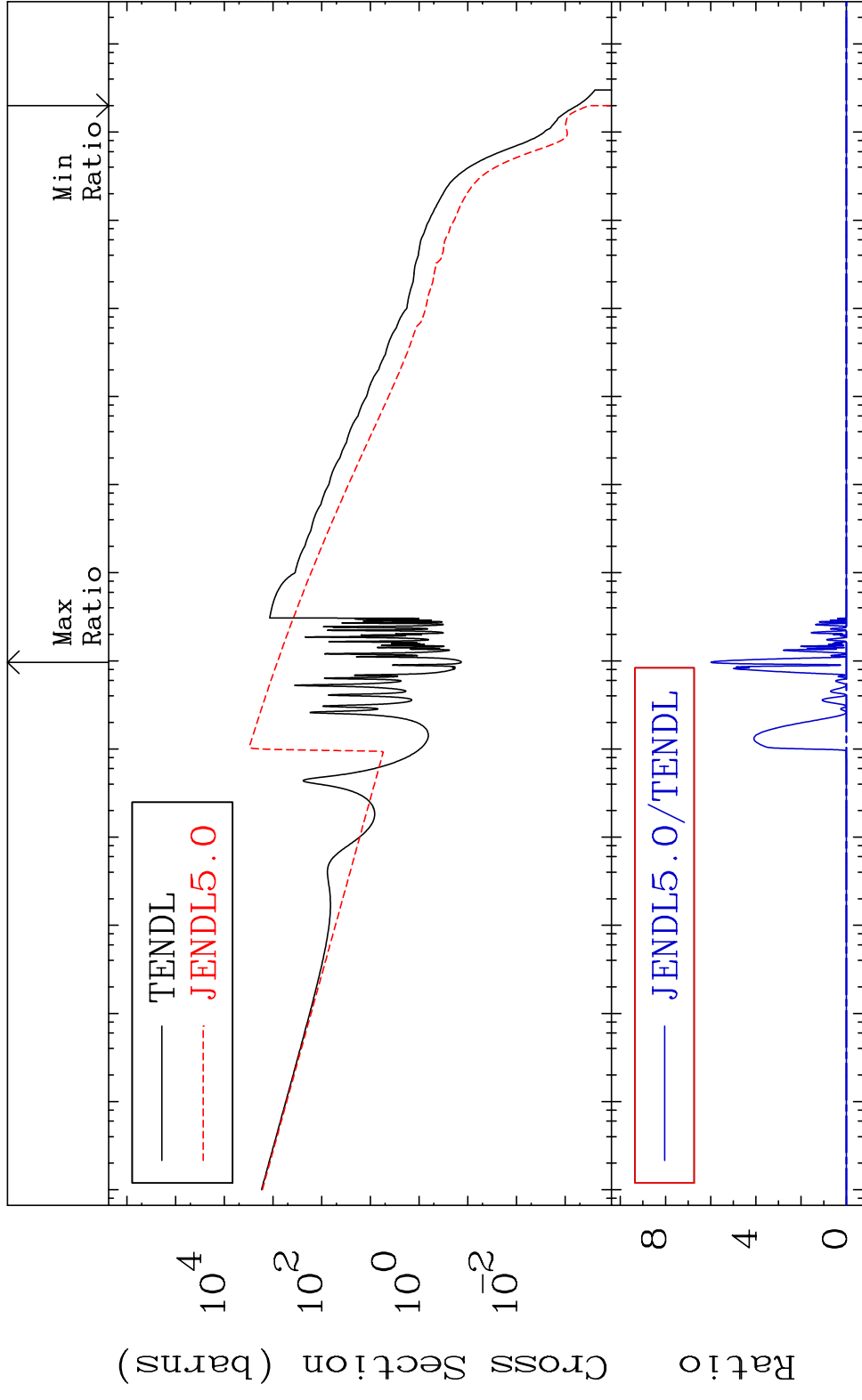
65-Tb-157

MAT 6519

65-Tb-157

(n, γ)

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

65-Tb-157

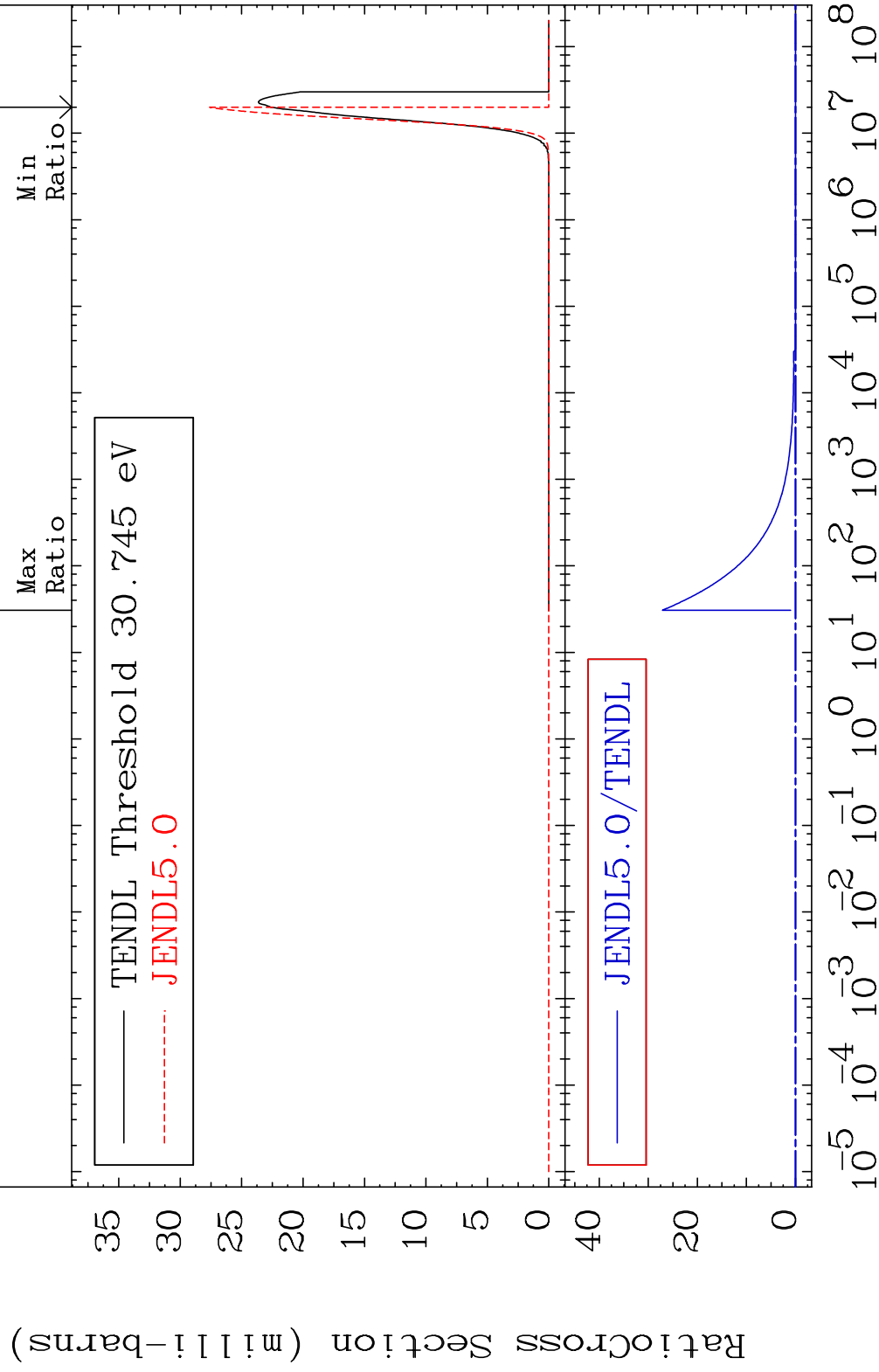
MAT 6519

(n, p)

65-Tb-157

Cross Section

-100.0 To 9999. %



44

Incident Energy (eV)

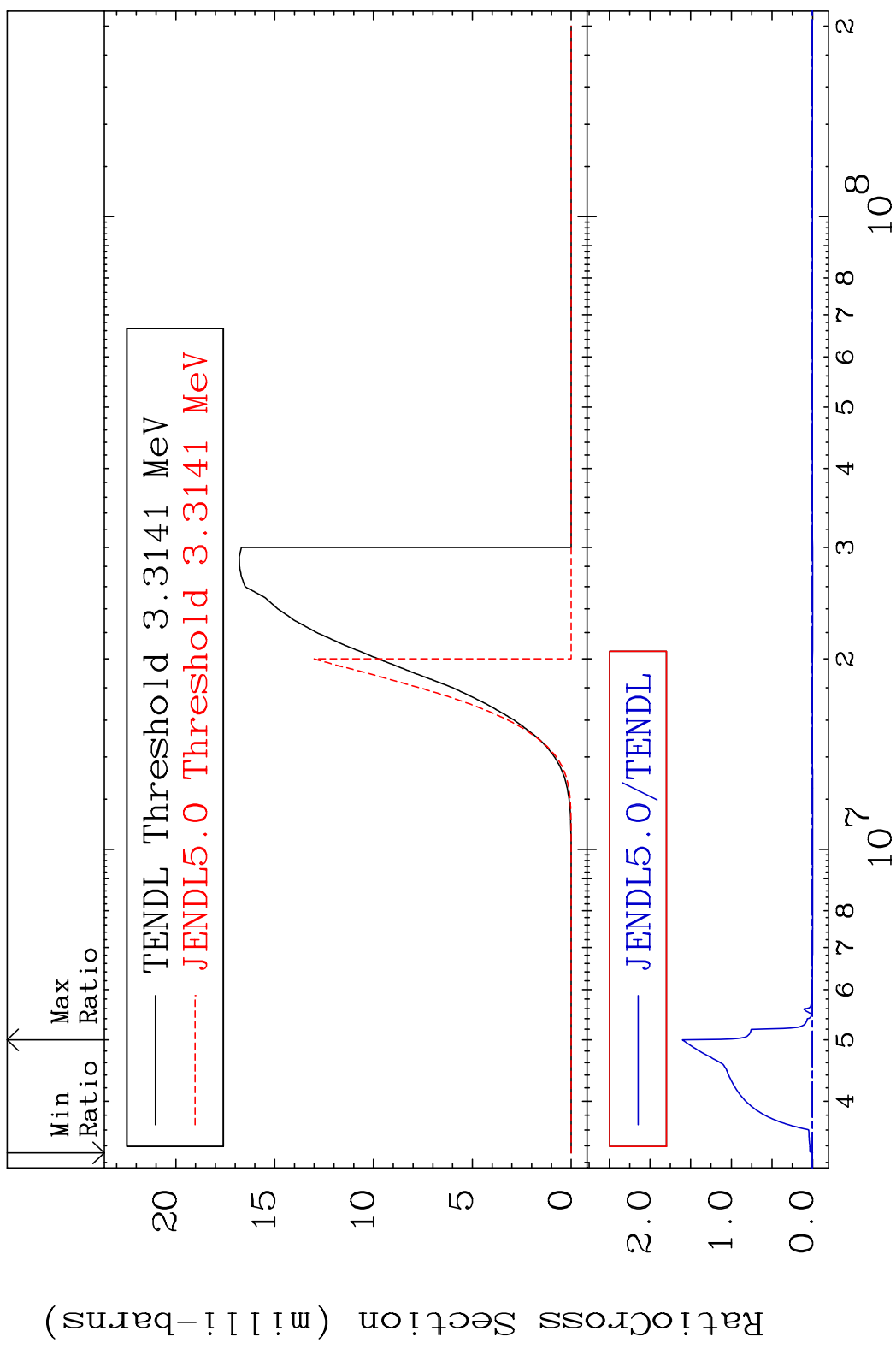
65-Tb-157

MAT 6519

(n,d)

65-Tb-157

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

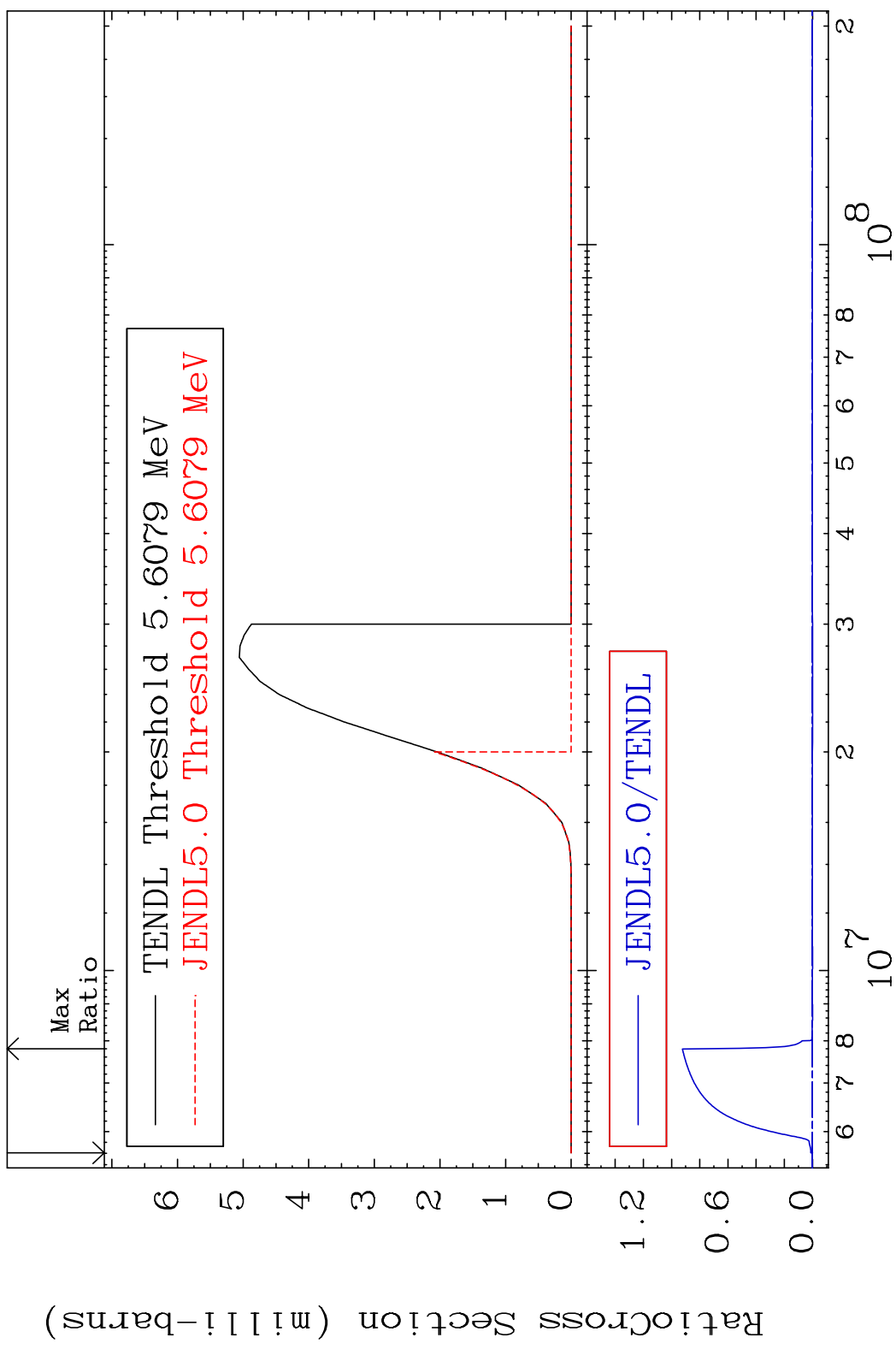
65-Tb-157

MAT 6519

(n, t)

65-Tb-157

Cross Section -100.0 To 9999. %

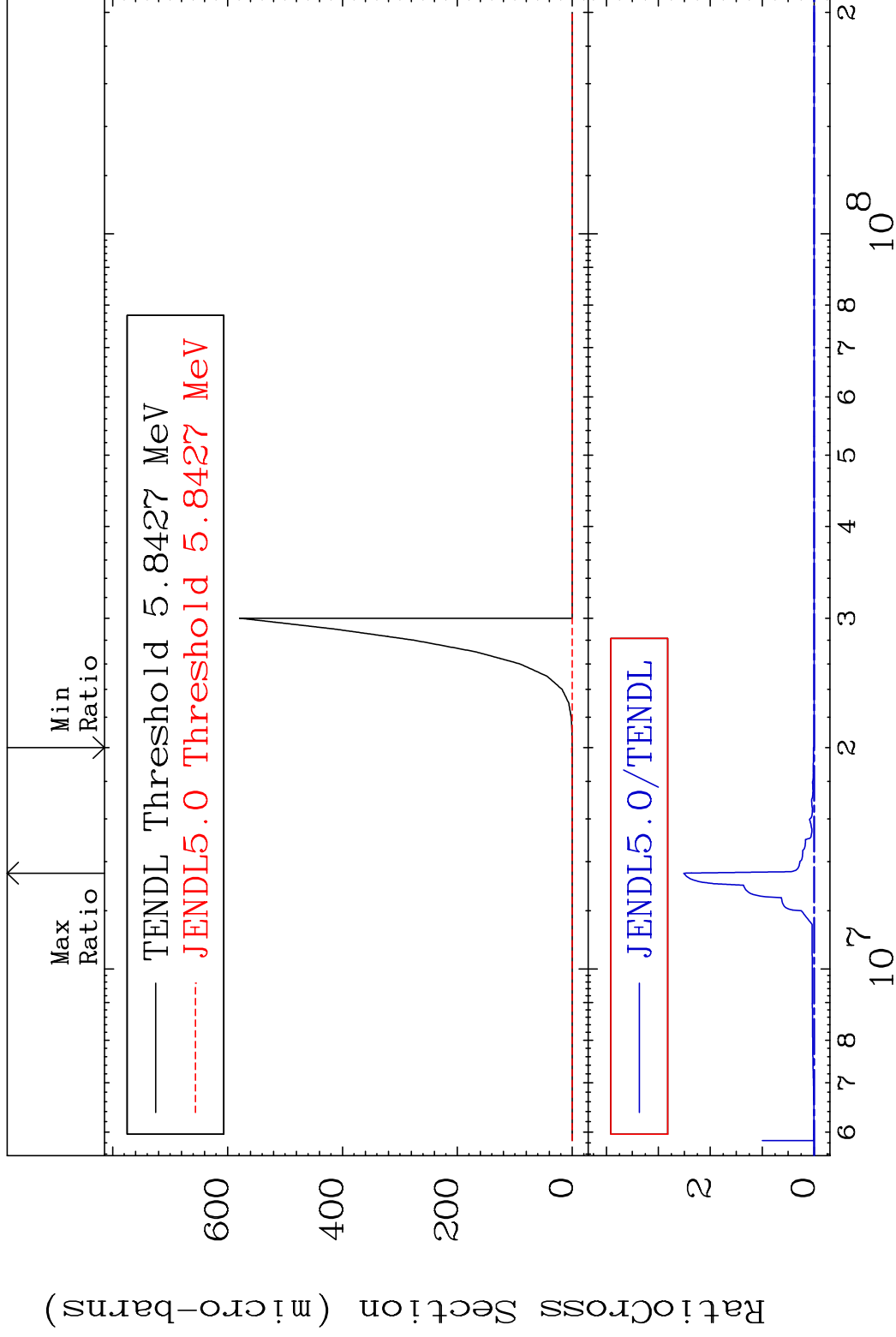


MAT 6519

(n, He-3)

65-Tb-157

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

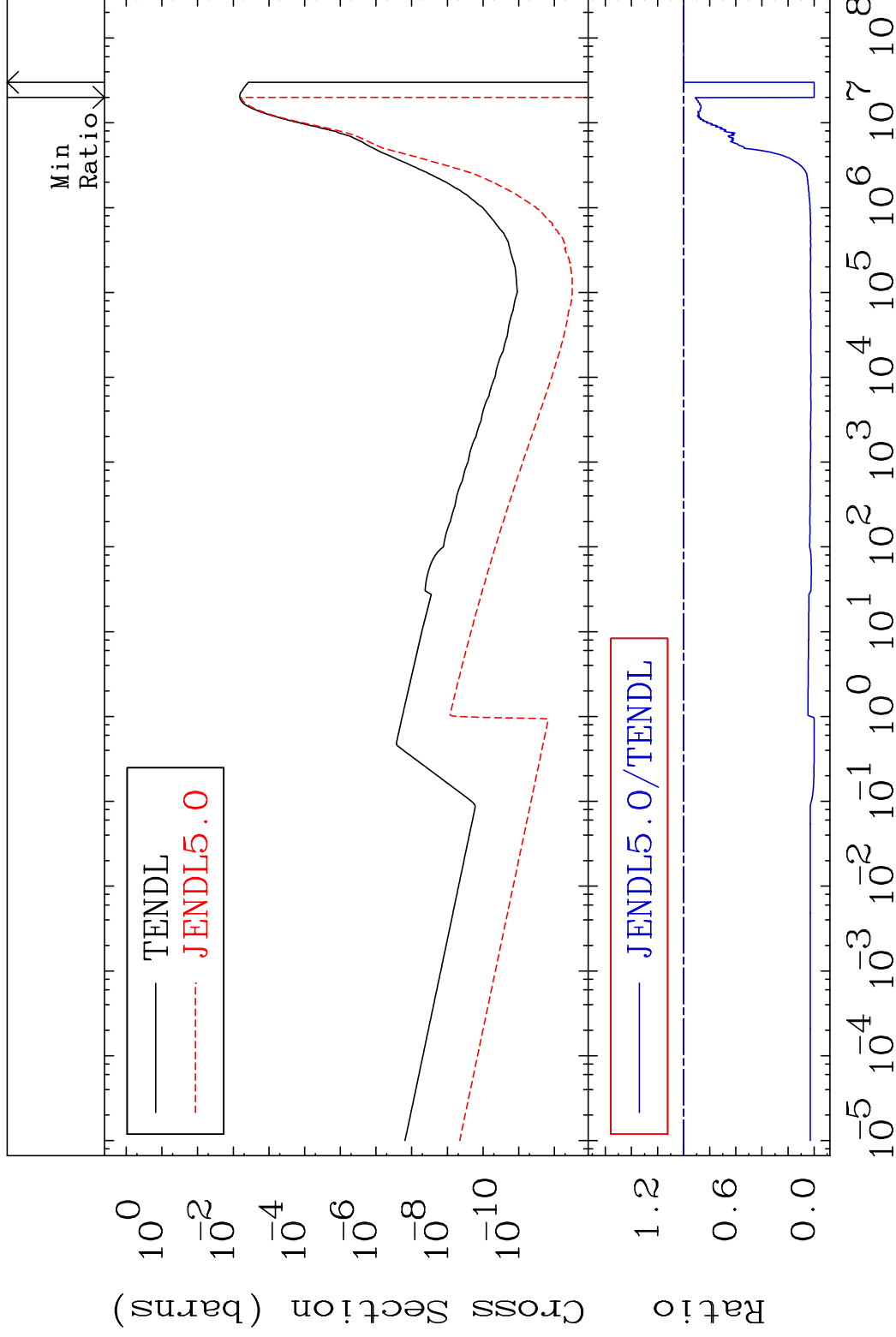
65-Tb-157

MAT 6519

(n, α)

65-Tb-157

Cross Section -100.0 To 0.000 %



48

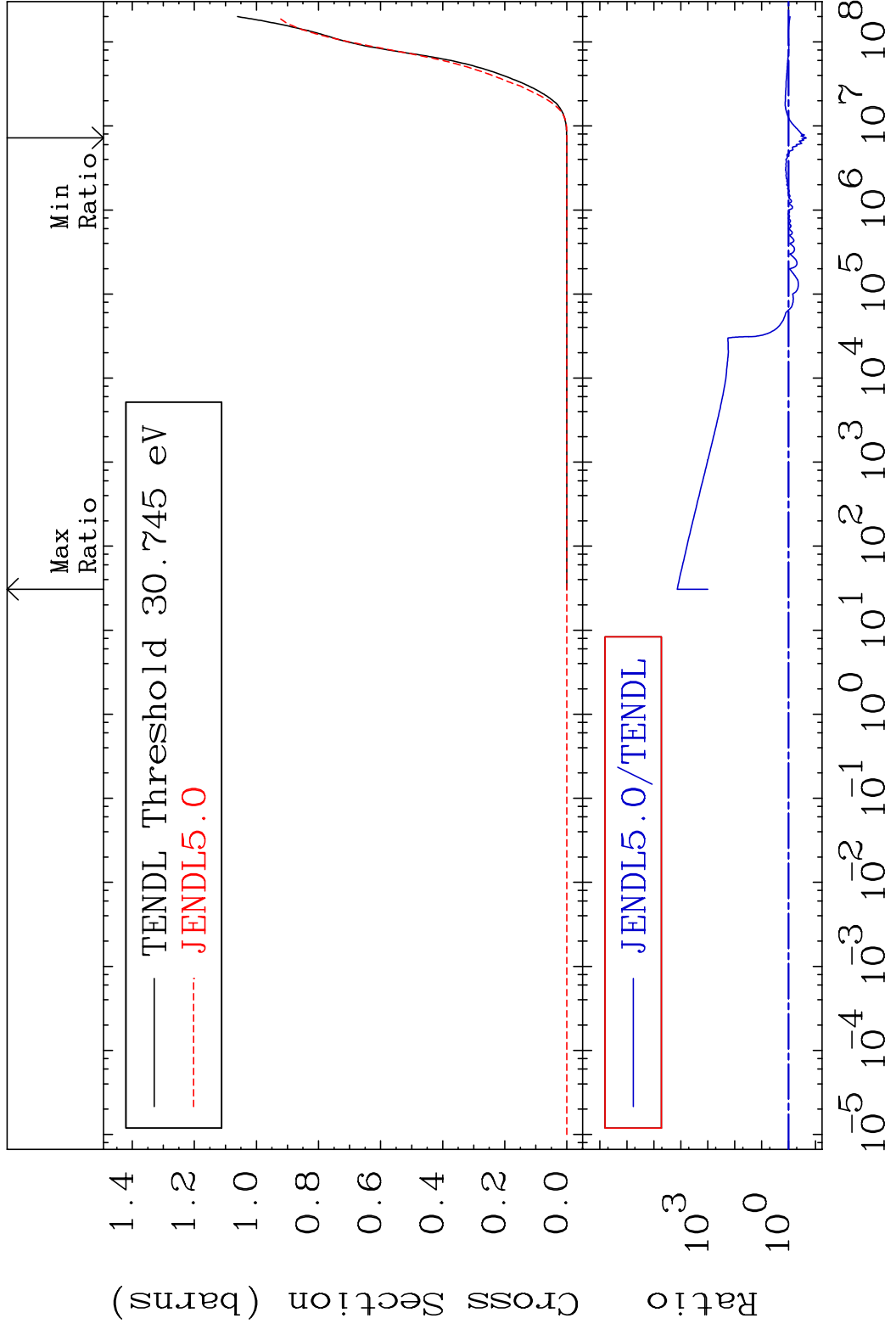
Incident Energy (eV)

65-Tb-157

MAT 6519

Hydrogen Production
Cross Section

65-Tb-157
-78.31 To 9999. %

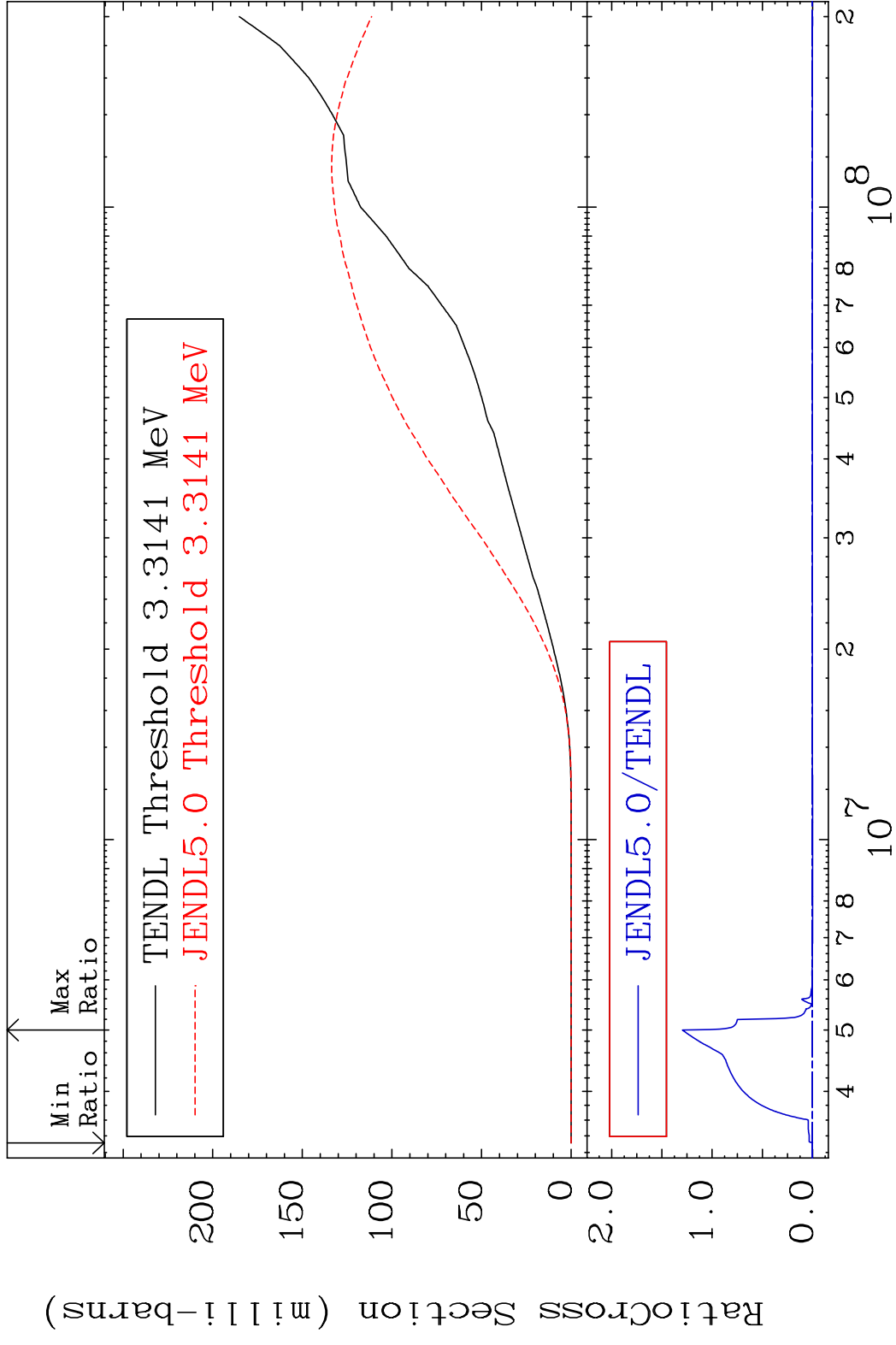


49

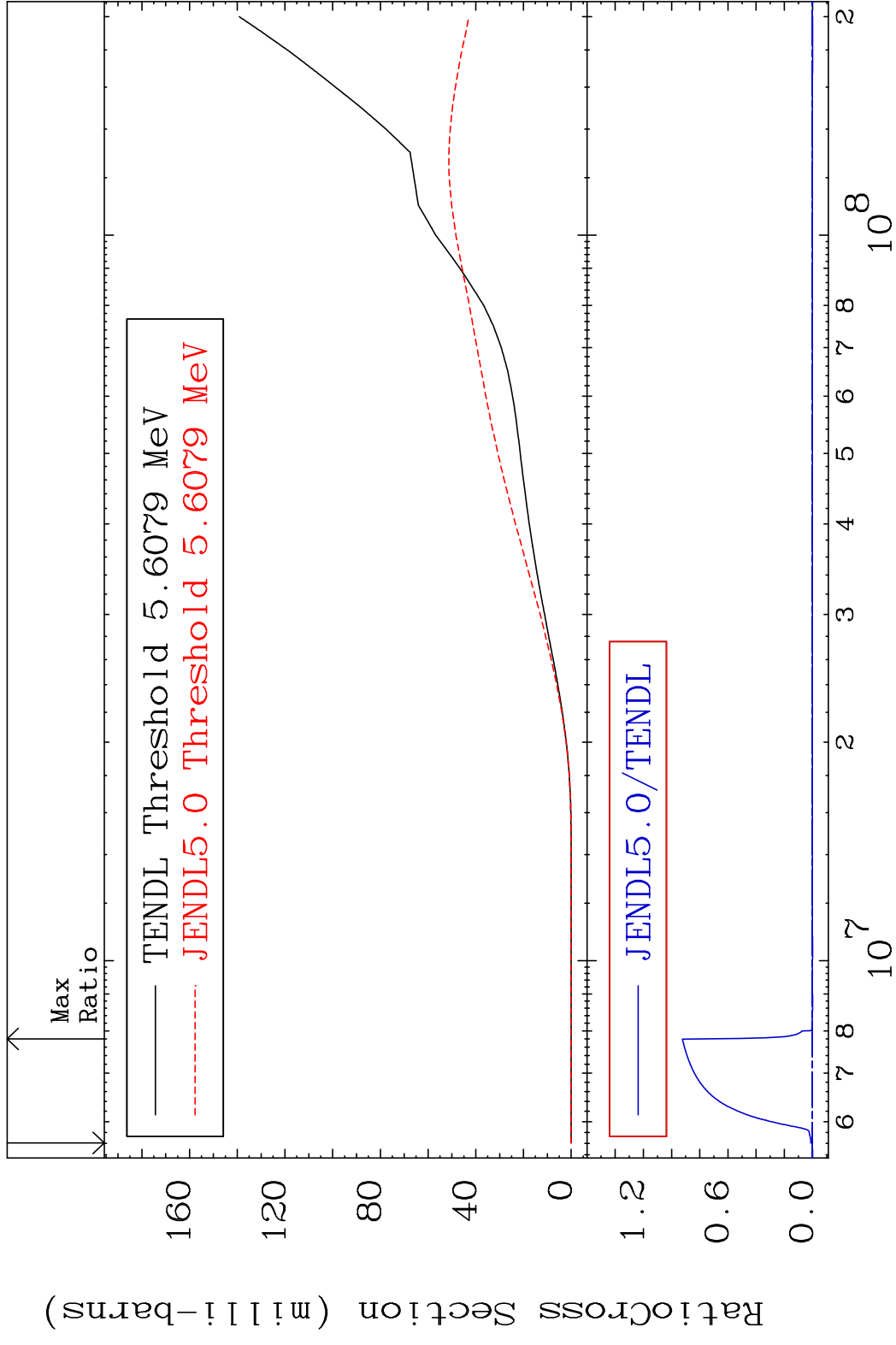
Incident Energy (eV)

65-Tb-157

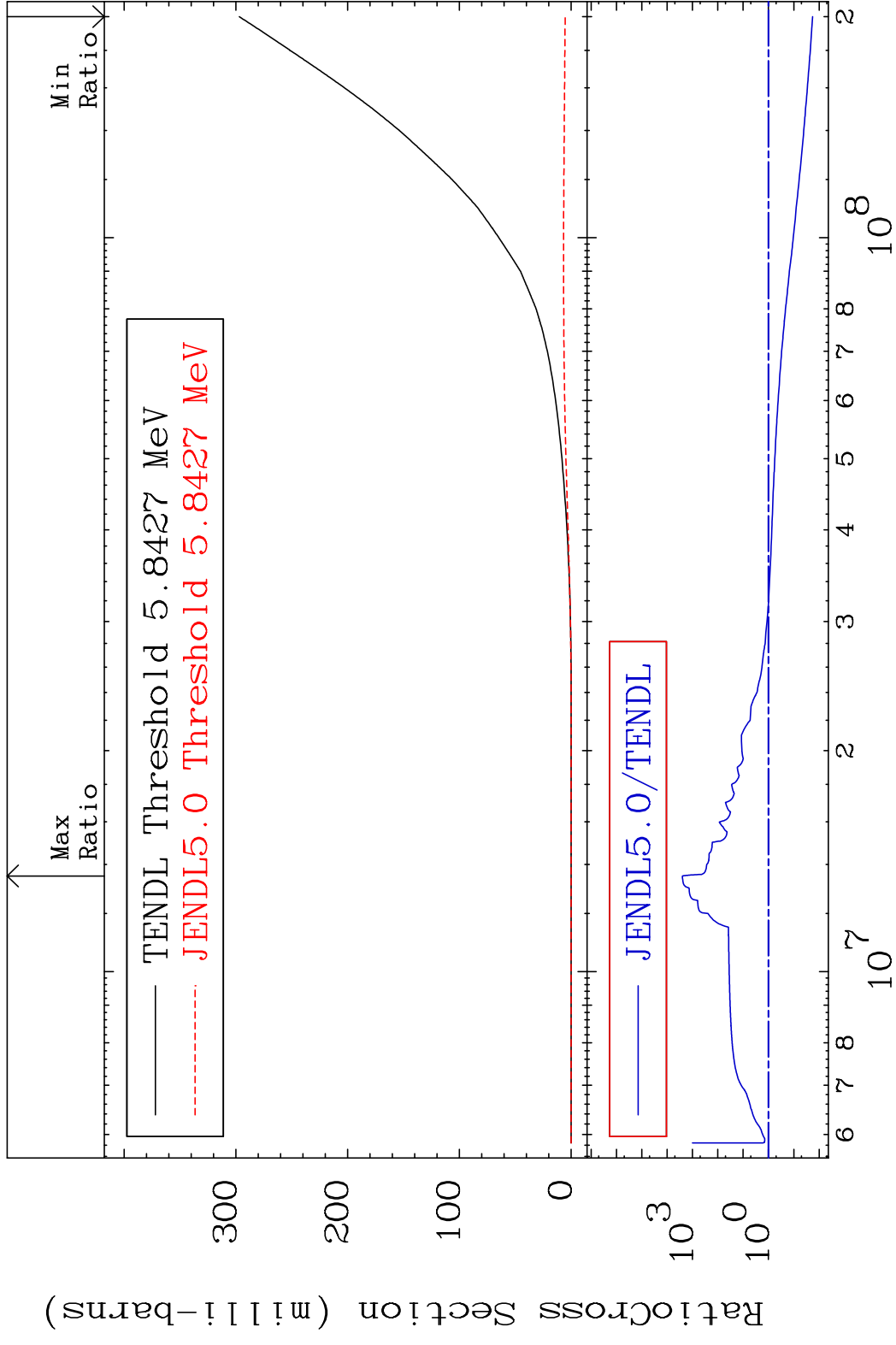
MAT 6519 Deuterium Production 65-Tb-157
 Cross Section -100.0 To 9999. %



MAT 6519 Tritium Production 65-Tb-157
 Cross Section -100.0 To 9999. %

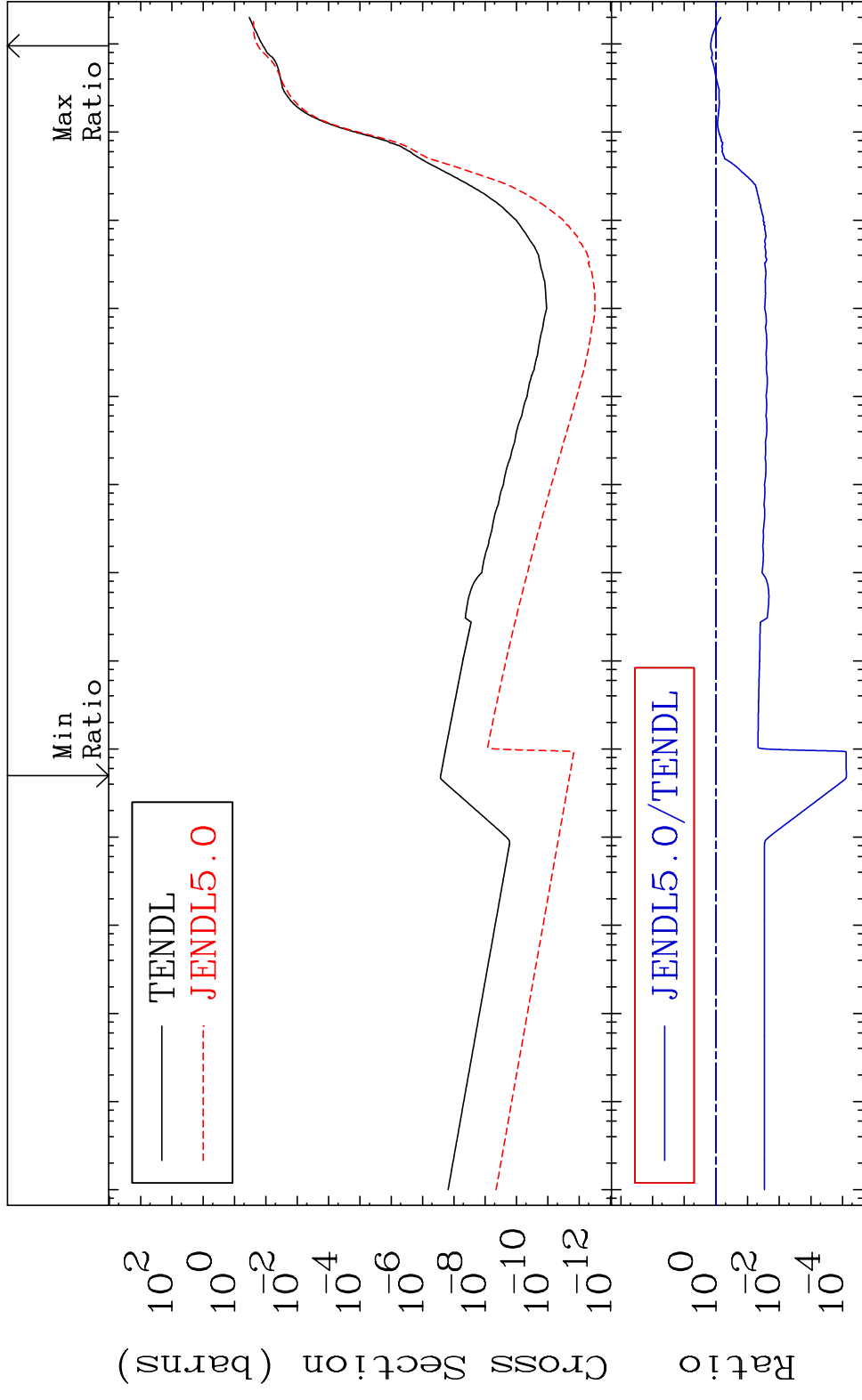


MAT 6519 He-3 Production 65-Tb-157
 Cross Section -98.18 To 9999. %



52 Incident Energy (eV) 65-Tb-157

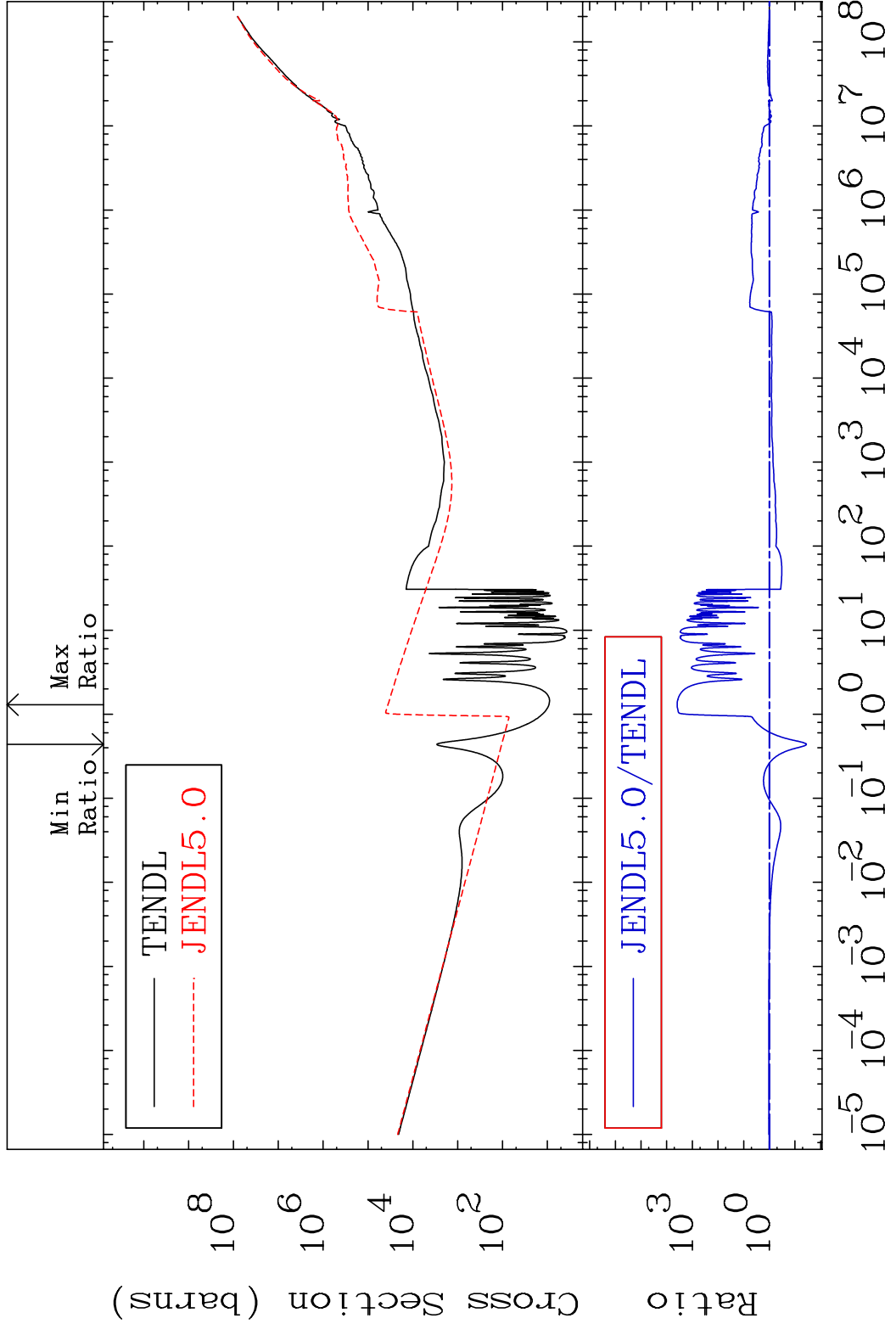
MAT 6519 He-4 Production 65-Tb-157
 Cross Section -99.99 To 46.06 %



53 Incident Energy (eV) 65-Tb-157

MAT 6519

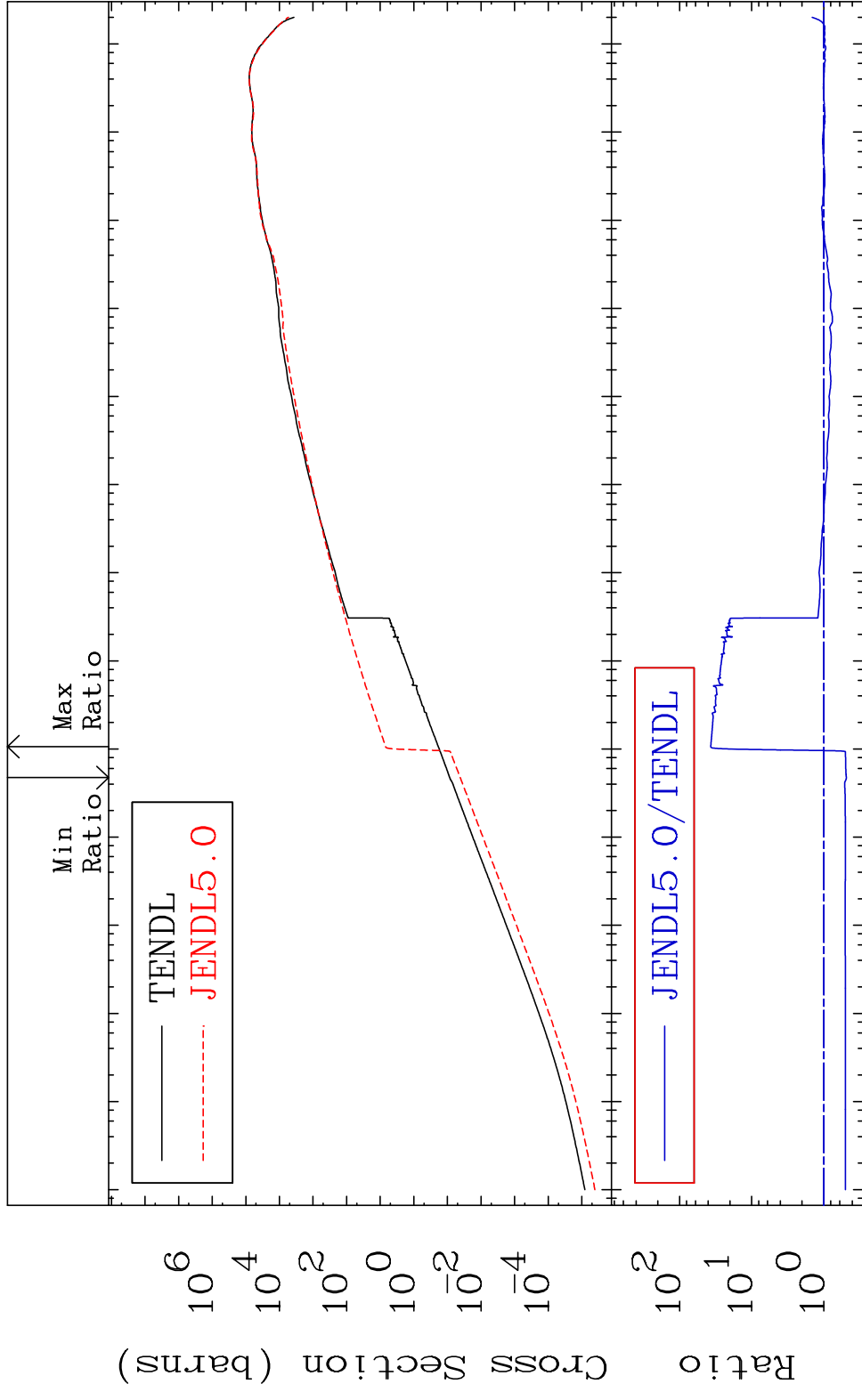
Kerma total (eV-barns) 65-Tb-157
Cross Section -96.41 To 9999. %



MAT 6519

Kerma elastic
Cross Section -51.40 To 3595. %

65-Tb-157



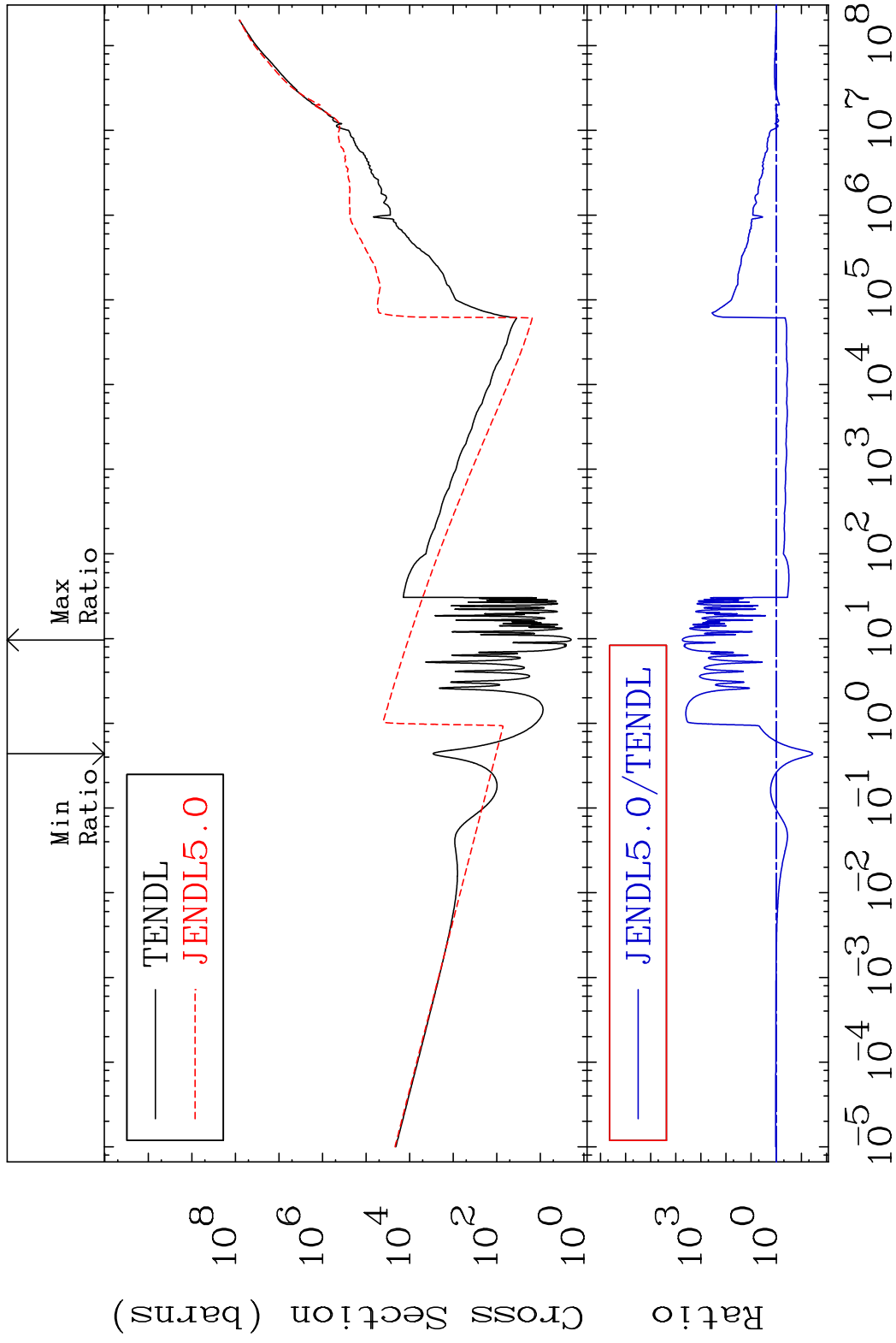
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

55

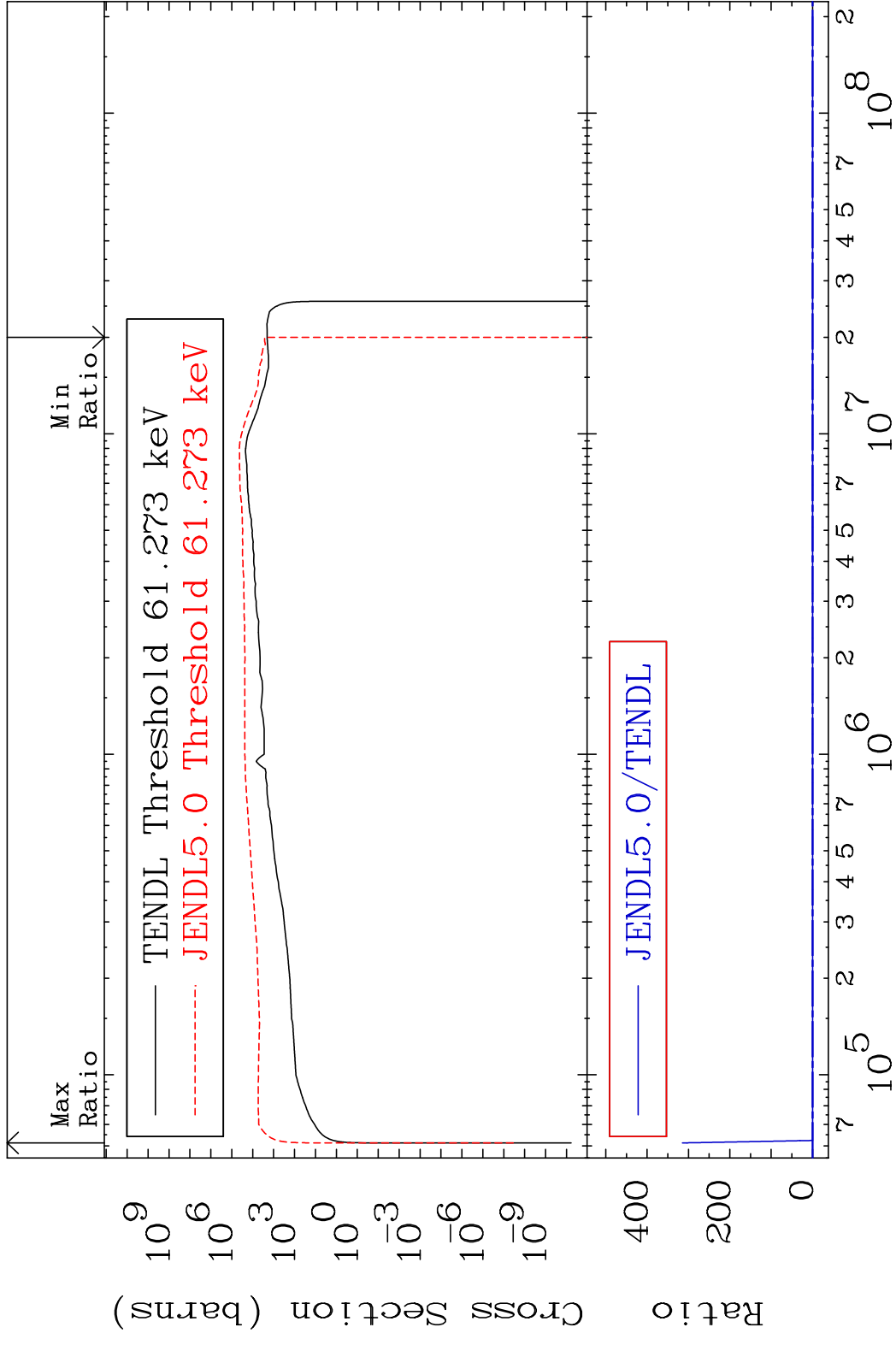
Incident Energy (eV)

65-Tb-157

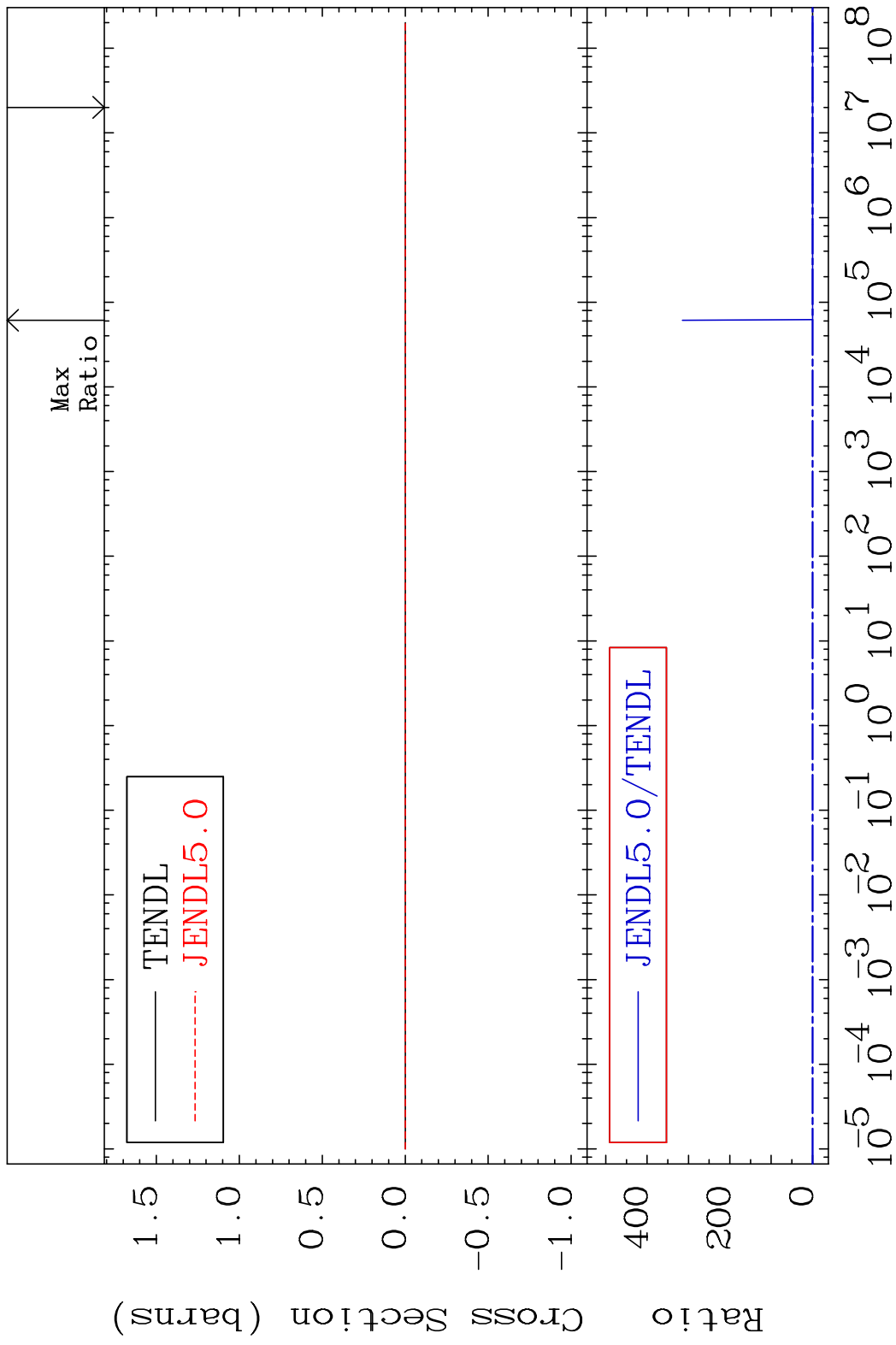
MAT 6519 Kerma non-elastic (all but mt2) 65-Tb-157
 Cross Section -96.41 To 9999. %



MAT 6519 Kerma inelastic (mt51-91) 65-Tb-157
 Cross Section -100.0 To 9999. %

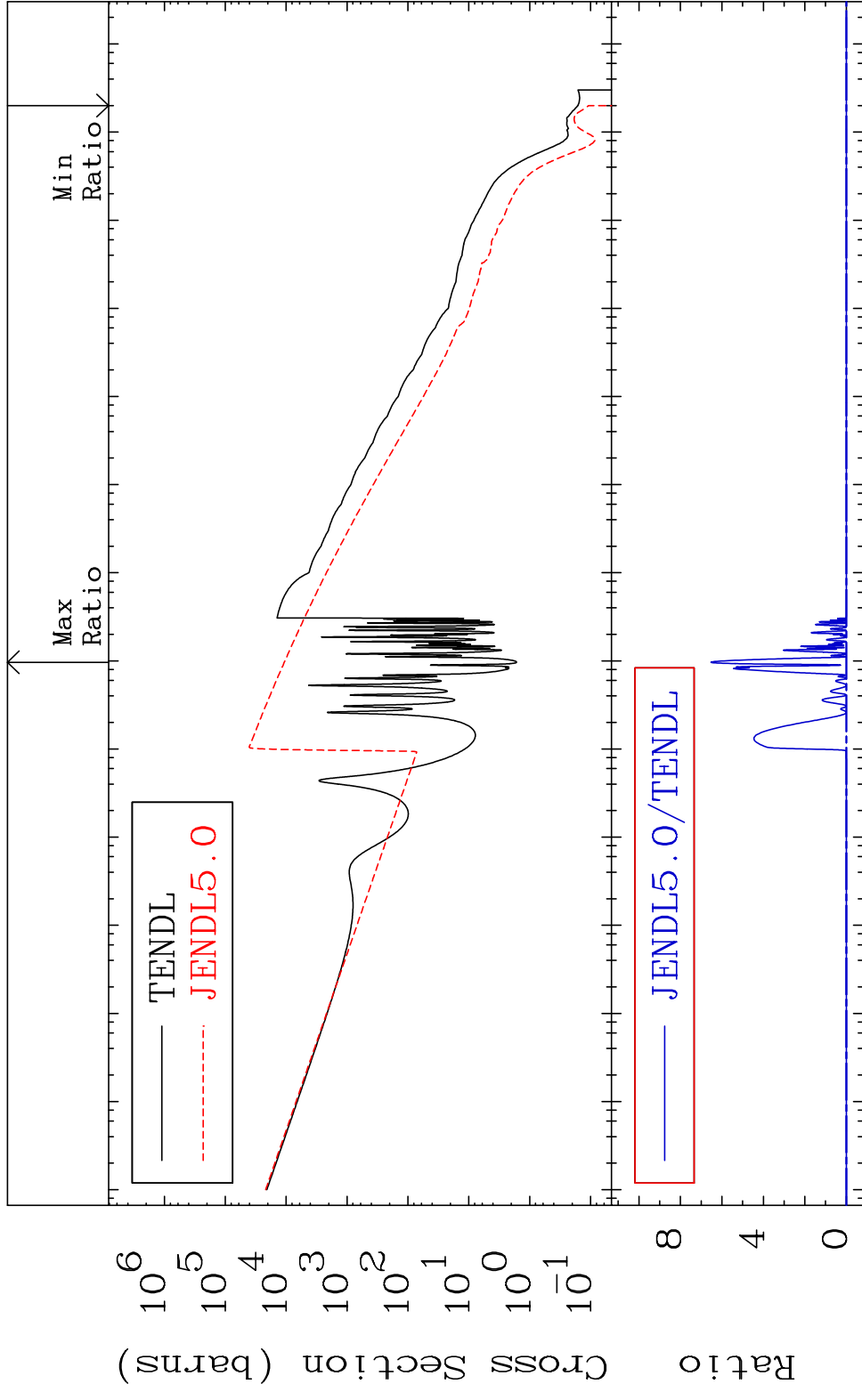


MAT 6519 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-157
 Cross Section -100.0 To 9999. %



MAT 6519

Kerma capture (mt102) 65-Tb-157
Cross Section -100.0 To 9999. %



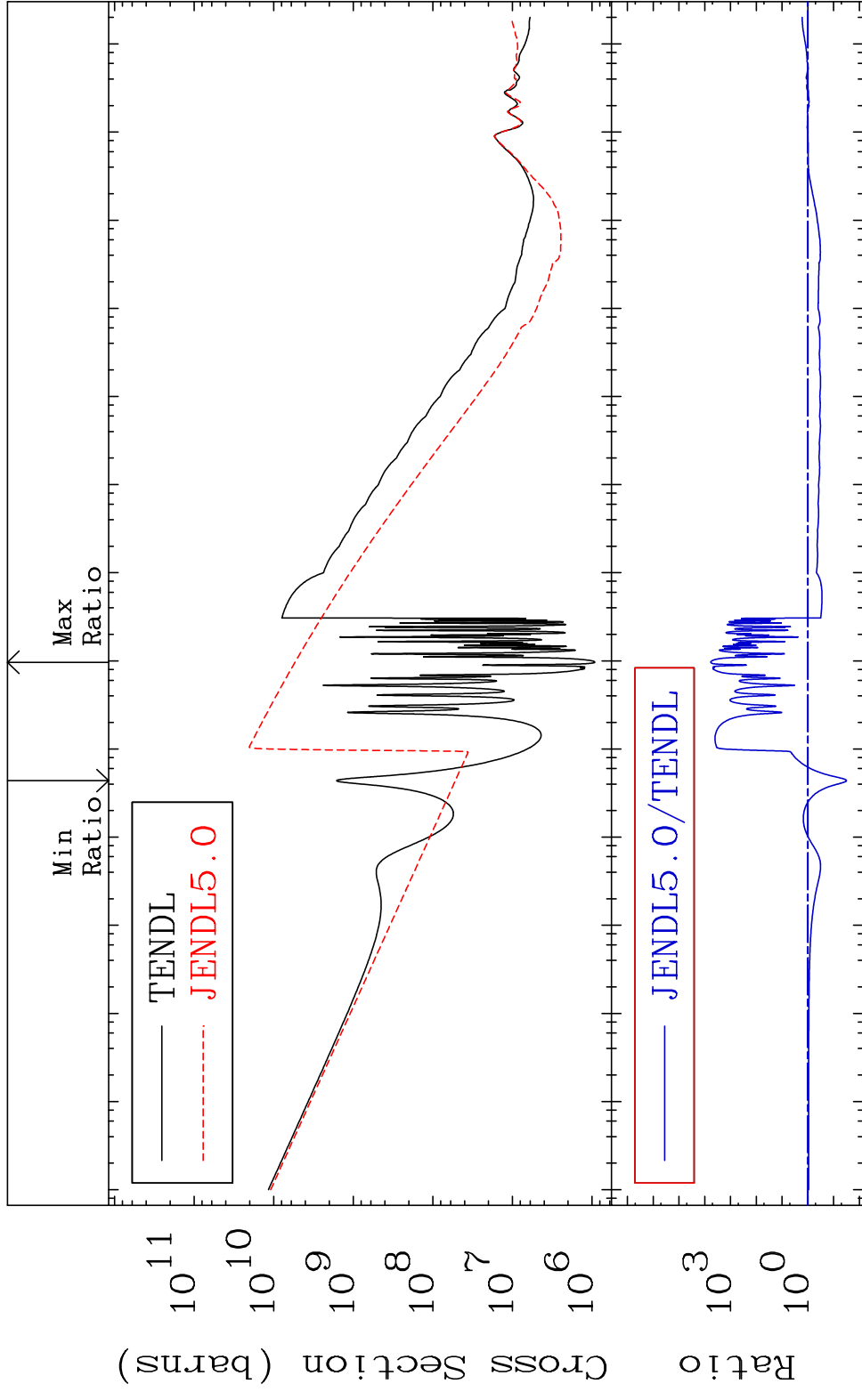
59

Incident Energy (eV)

65-Tb-157

MAT 6519

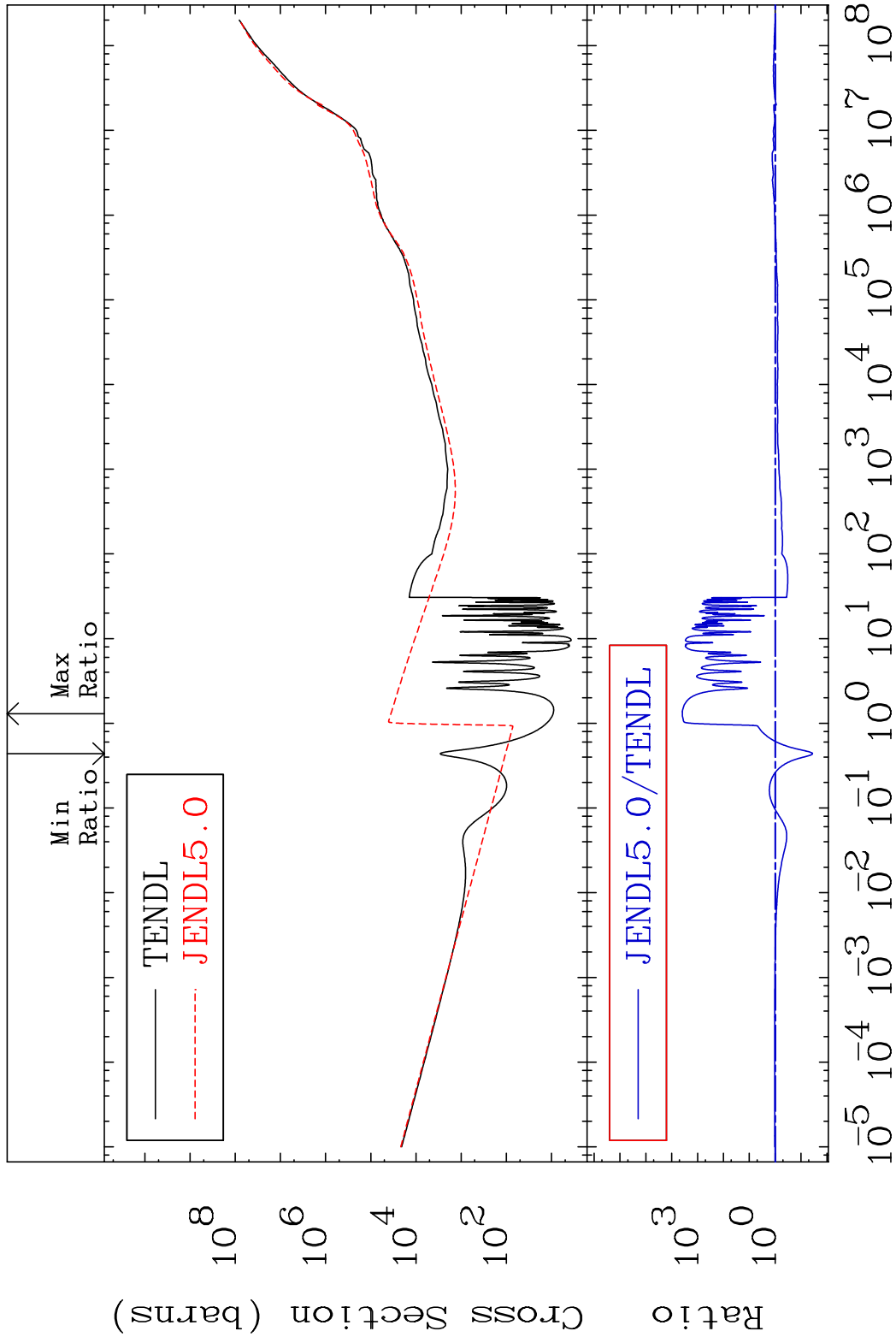
Total photon (eV-barns) 65-Tb-157
Cross Section -96.78 To 9999. %



60

Incident Energy (eV) 65-Tb-157

MAT 6519 Total kinematic kerma (high limit) 65-Tb-157
 Cross Section -96.41 To 9999. %

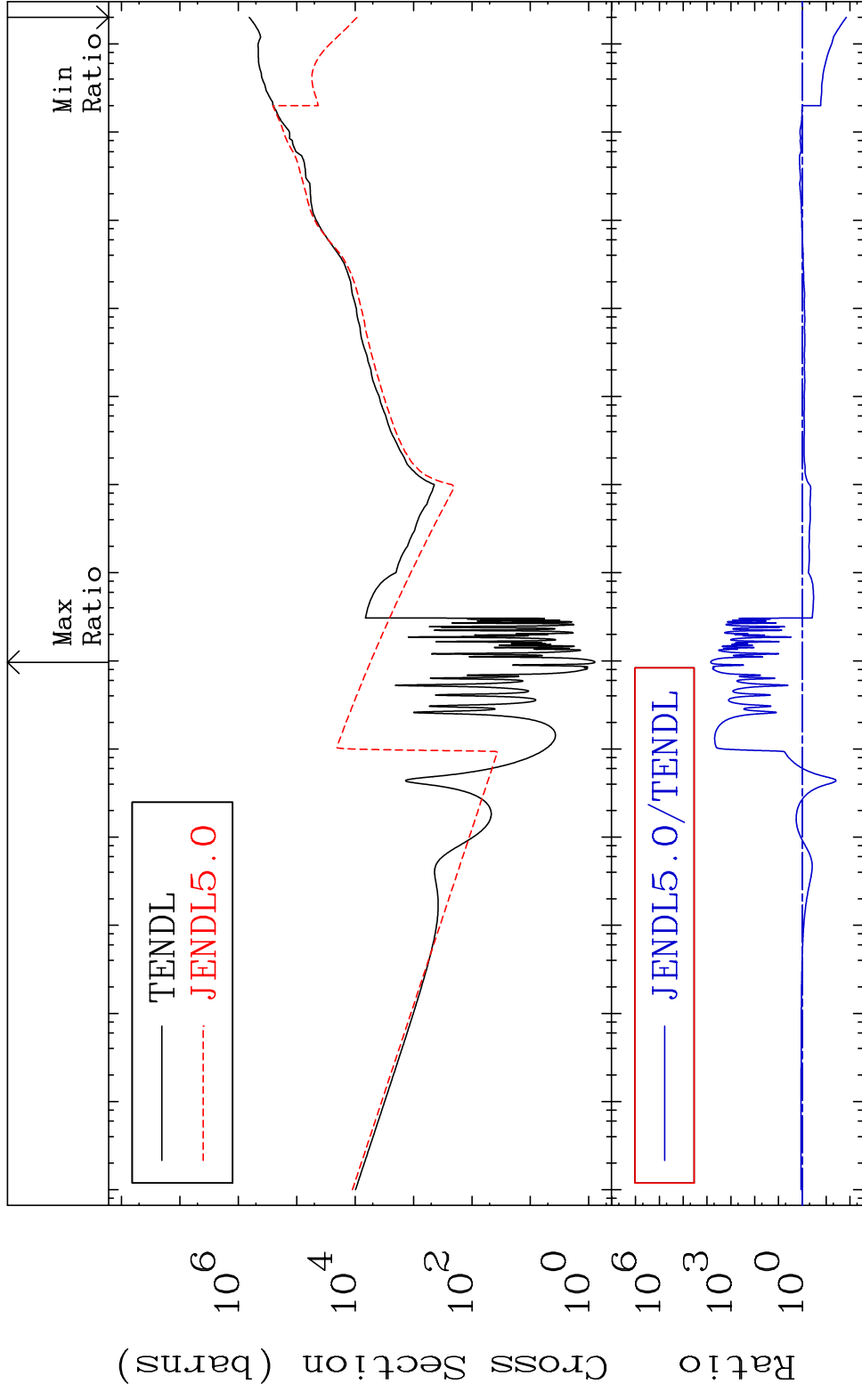


MAT 6519

Dpa total (eV-barns)

65-Tb-157

Cross Section -98.58 To 9999. %



62

Incident Energy (eV)

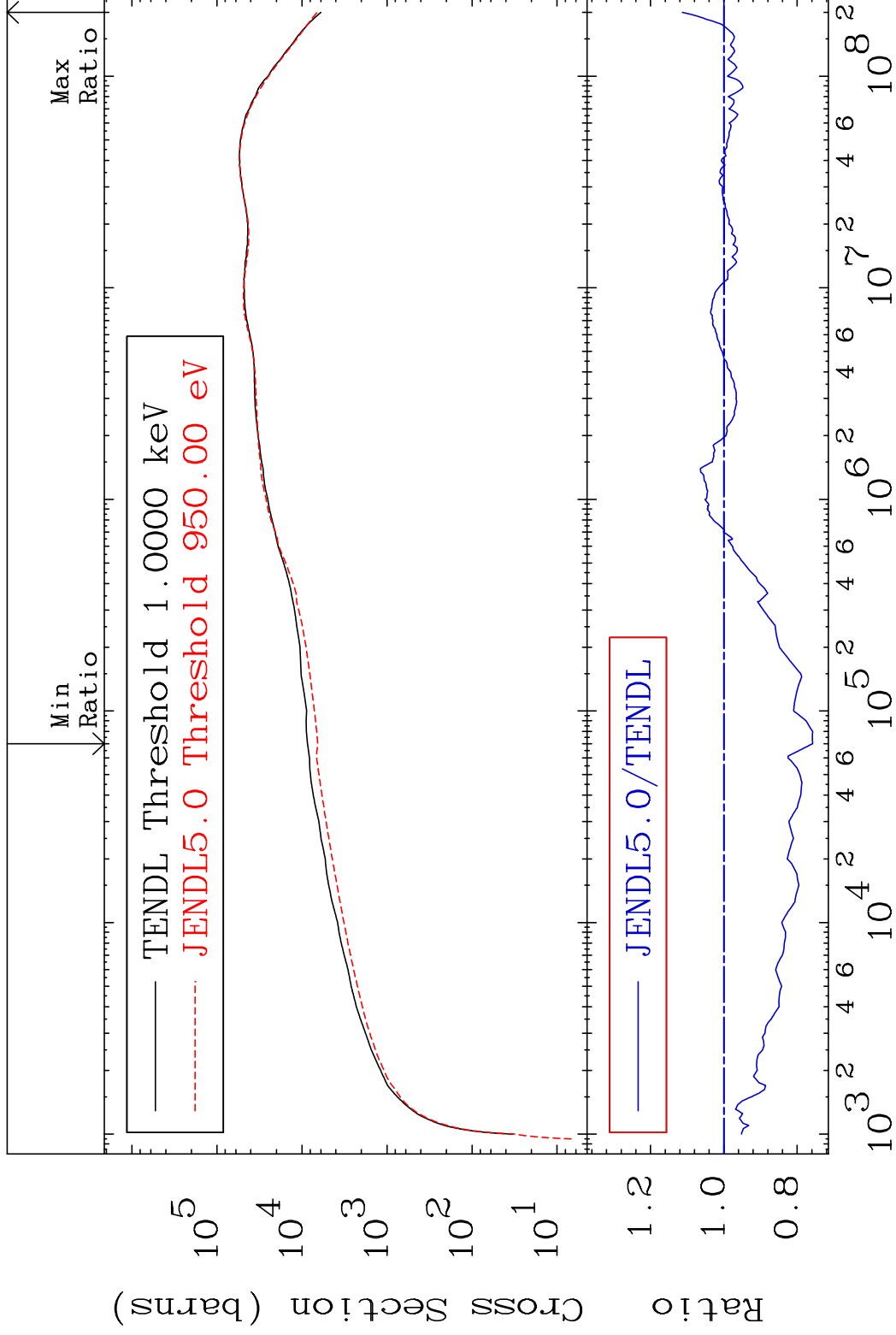
65-Tb-157

MAT 6519

Dpa elastic (mt2)

65-Tb-157

Cross Section -24.20 To 11.32 %

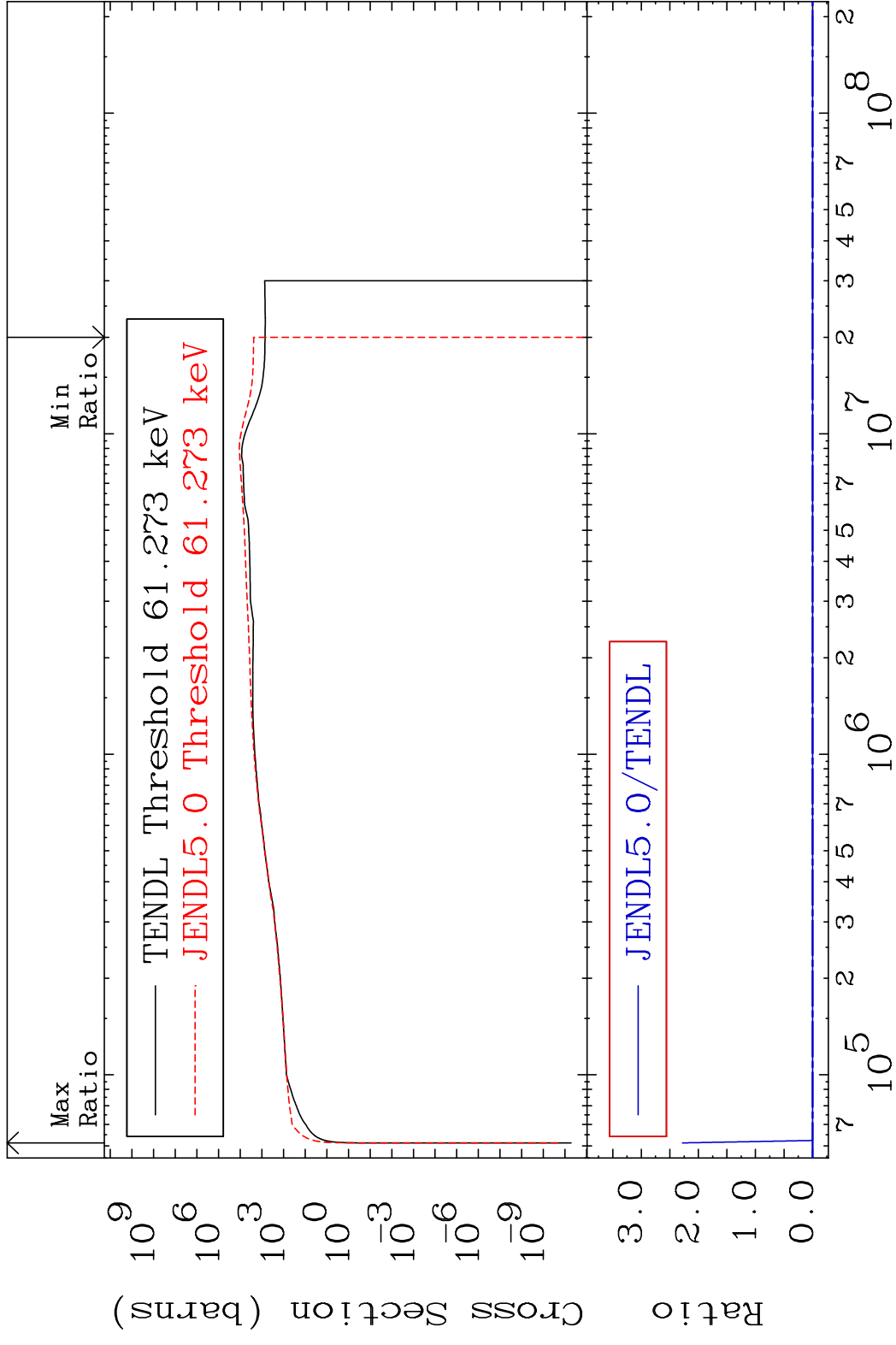


63

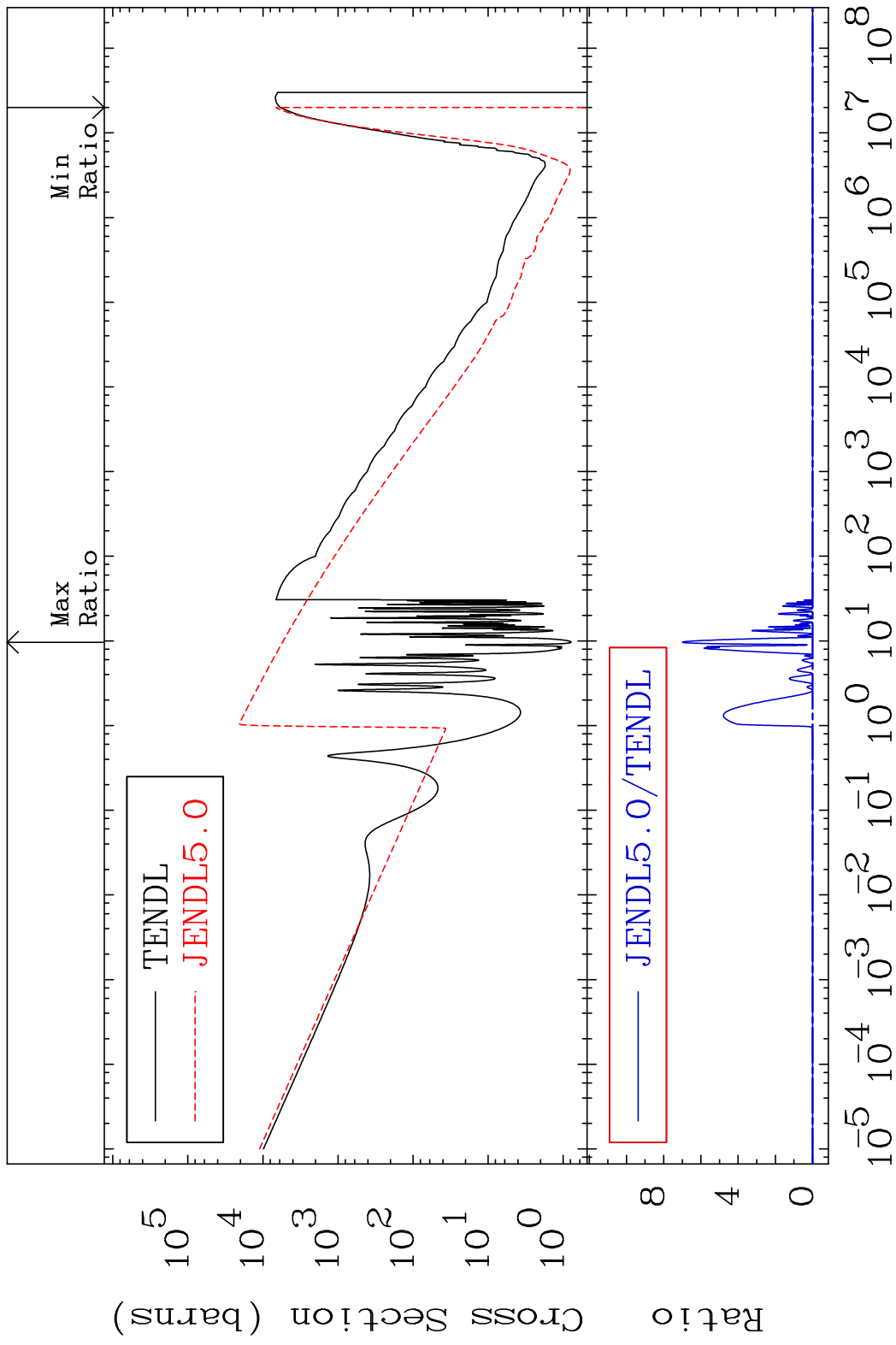
Incident Energy (eV)

65-Tb-157

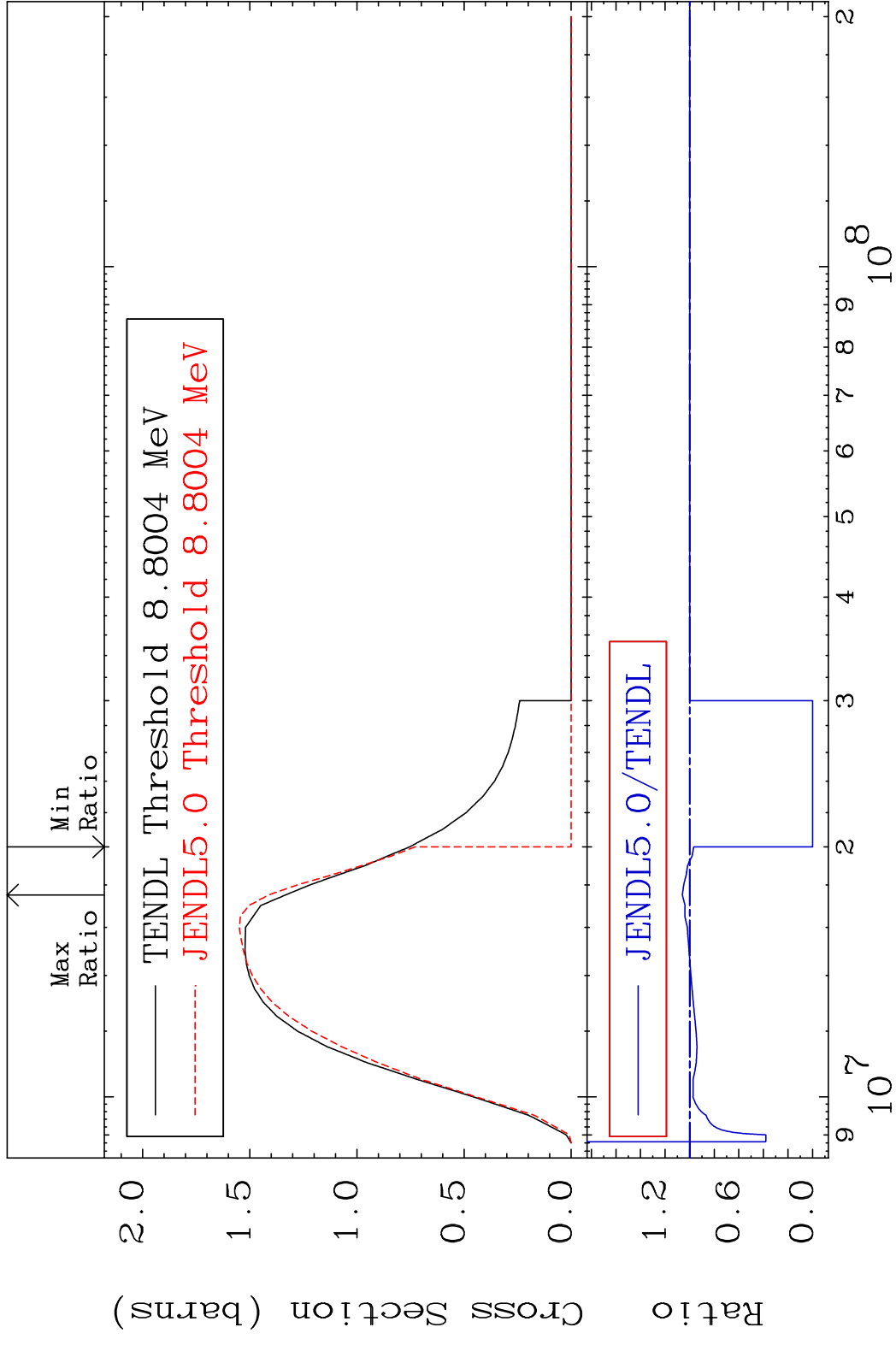
MAT 6519 Dpa inelastic (mt51-91) 65-Tb-157
 Cross Section -100.0 To 9999. %



MAT 6519 Dpa disappearance (mt102 -120) 65-Tb-157
 Cross Section -100.0 To 9999. %



65 Incident Energy (eV) 65-Tb-157

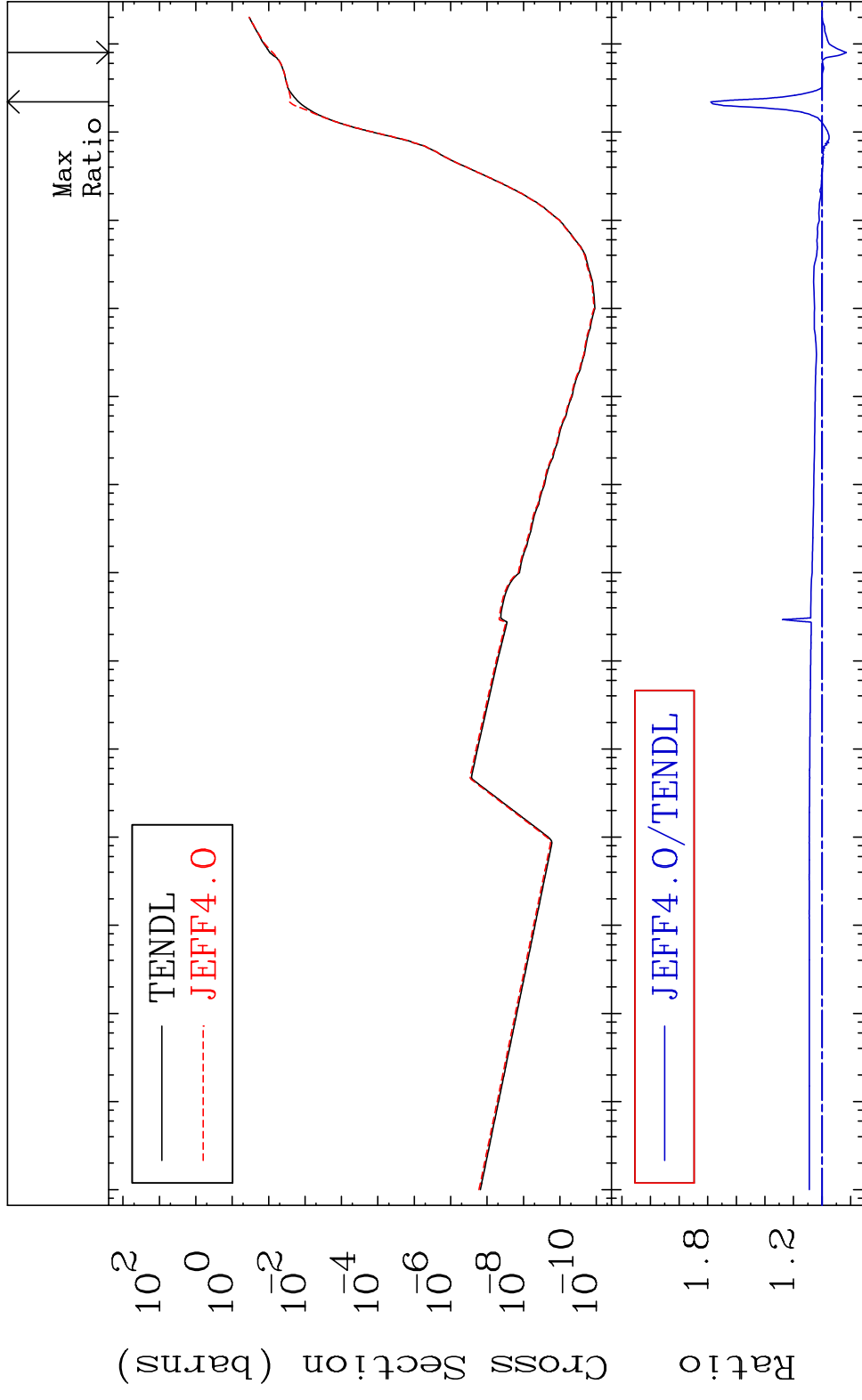


MAT 6519

He-4 Production

65-Tb-157

Cross Section -16.93 To 77.88 %

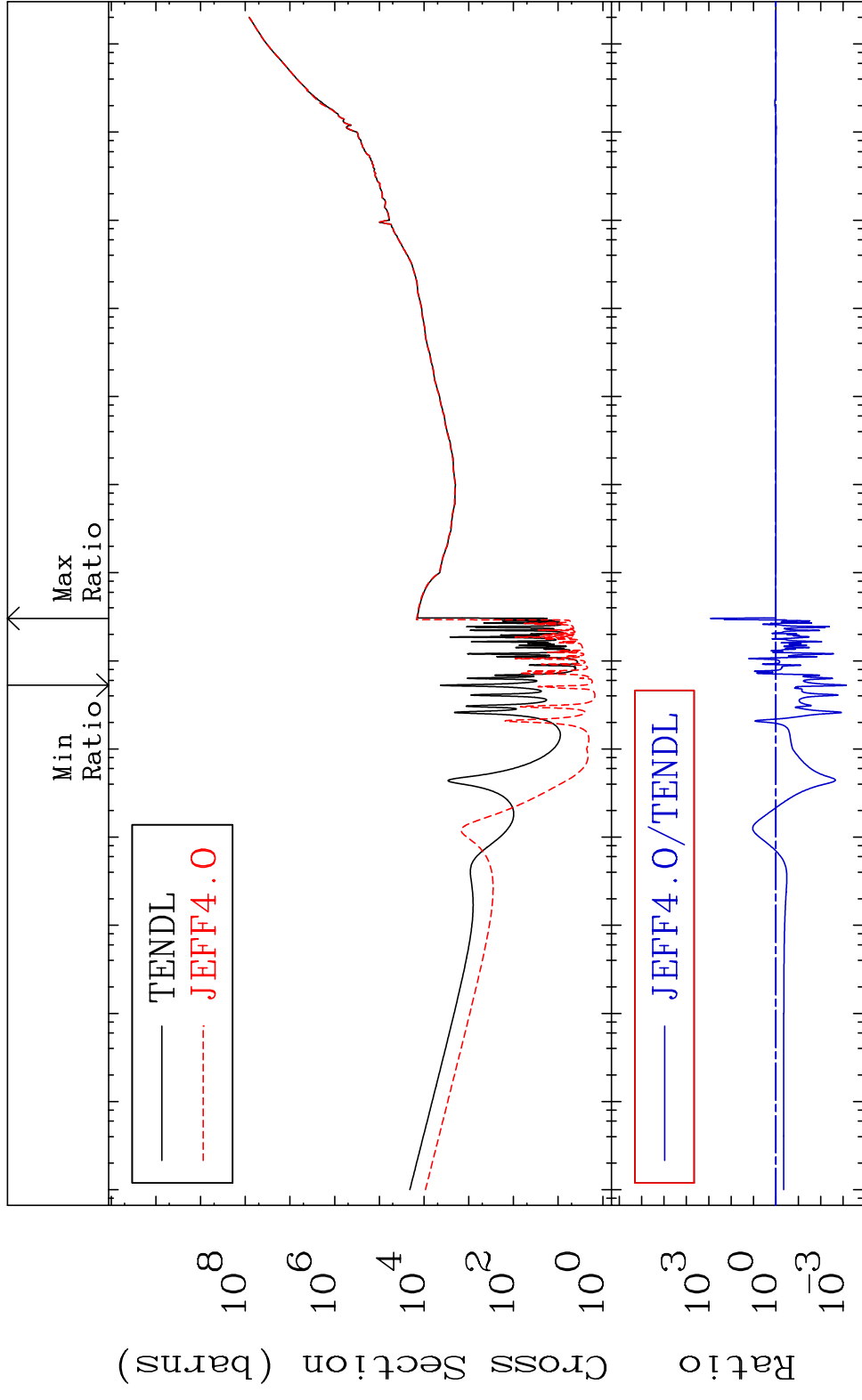


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Incident Energy (eV)

65-Tb-157

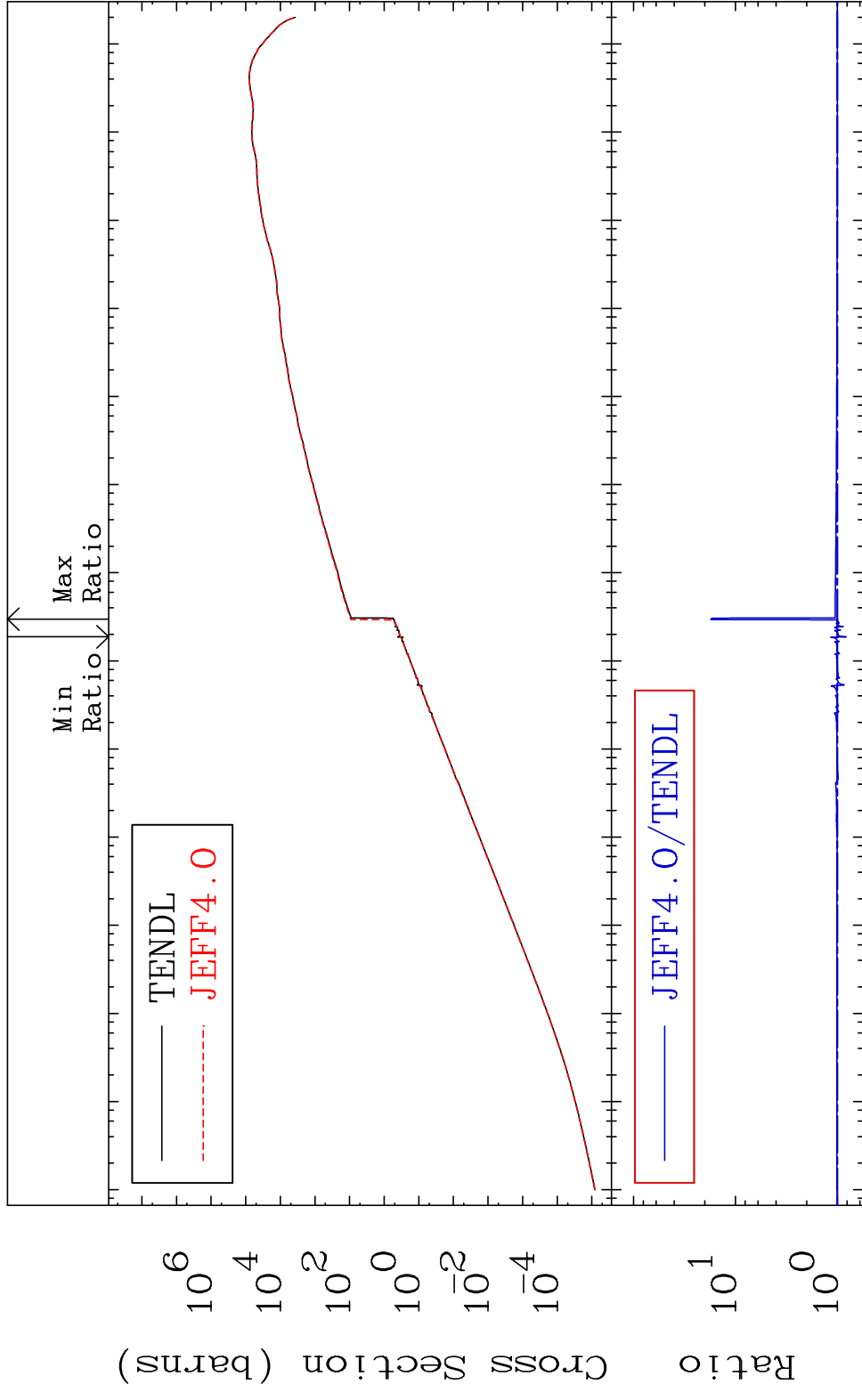
MAT 6519 Kerma total (eV-barns) 65-Tb-157
 Cross Section -99.93 To 9999. %



MAT 6519

Kerma elastic
Cross Section -18.46 To 1647. %

65-Tb-157

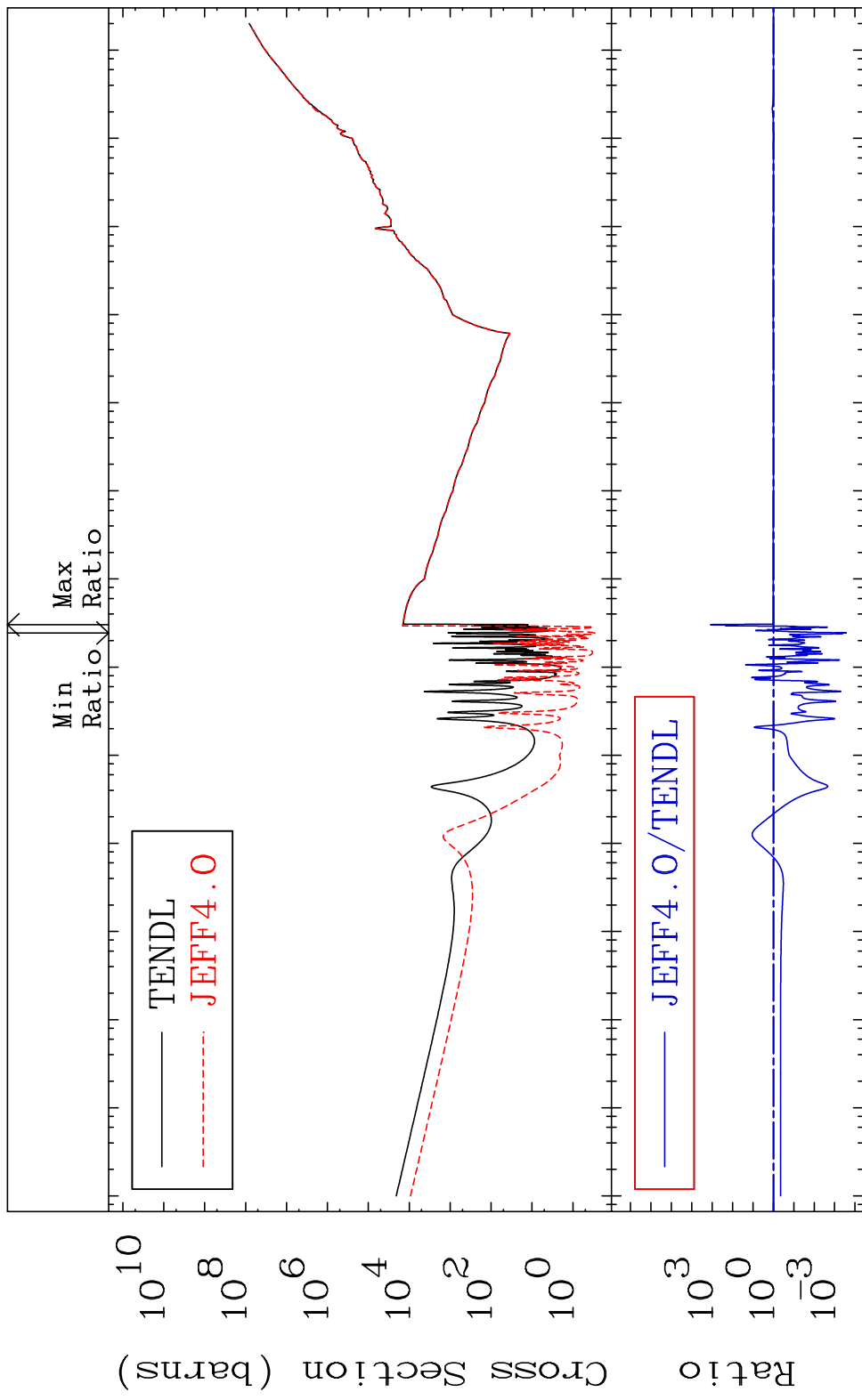


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Incident Energy (eV)

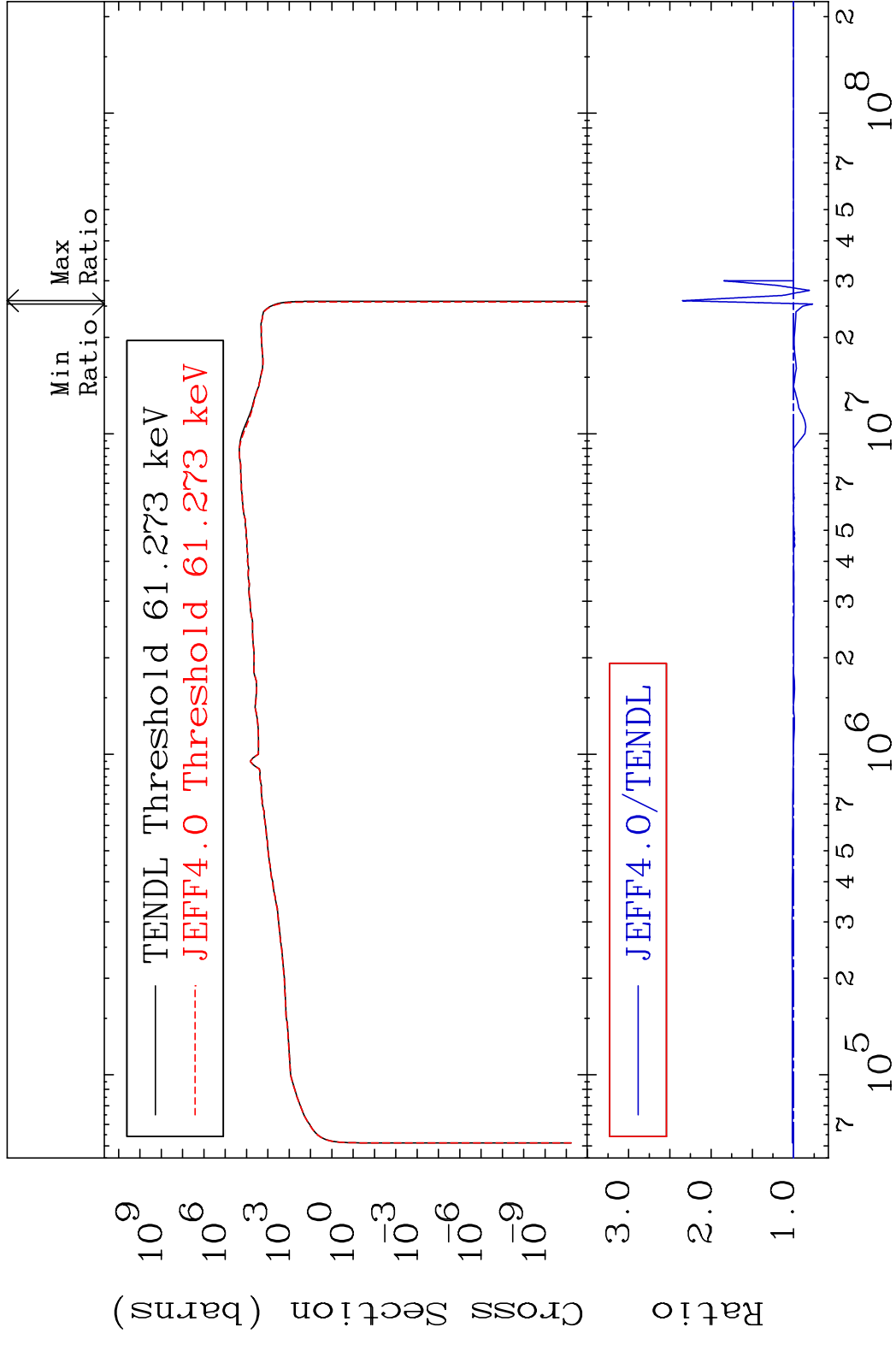
65-Tb-157

MAT 6519 Kerma non-elastic (all but mt2) 65-Tb-157
 Cross Section -99.97 To 9999. %

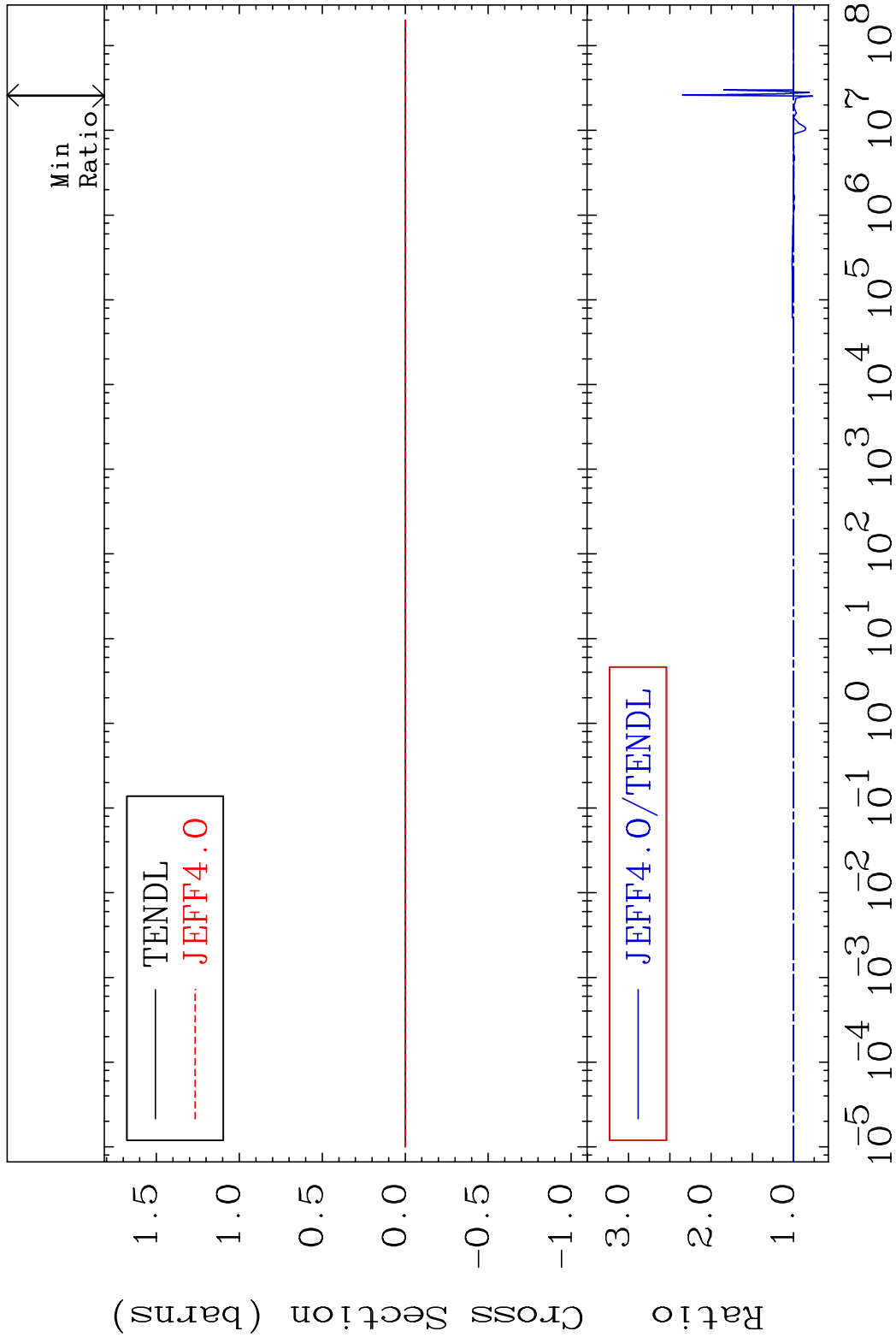


70 Incident Energy (eV) 65-Tb-157

MAT 6519 Kerma inelastic (mt51-91) 65-Tb-157
 Cross Section -23.09 To 134.8 %

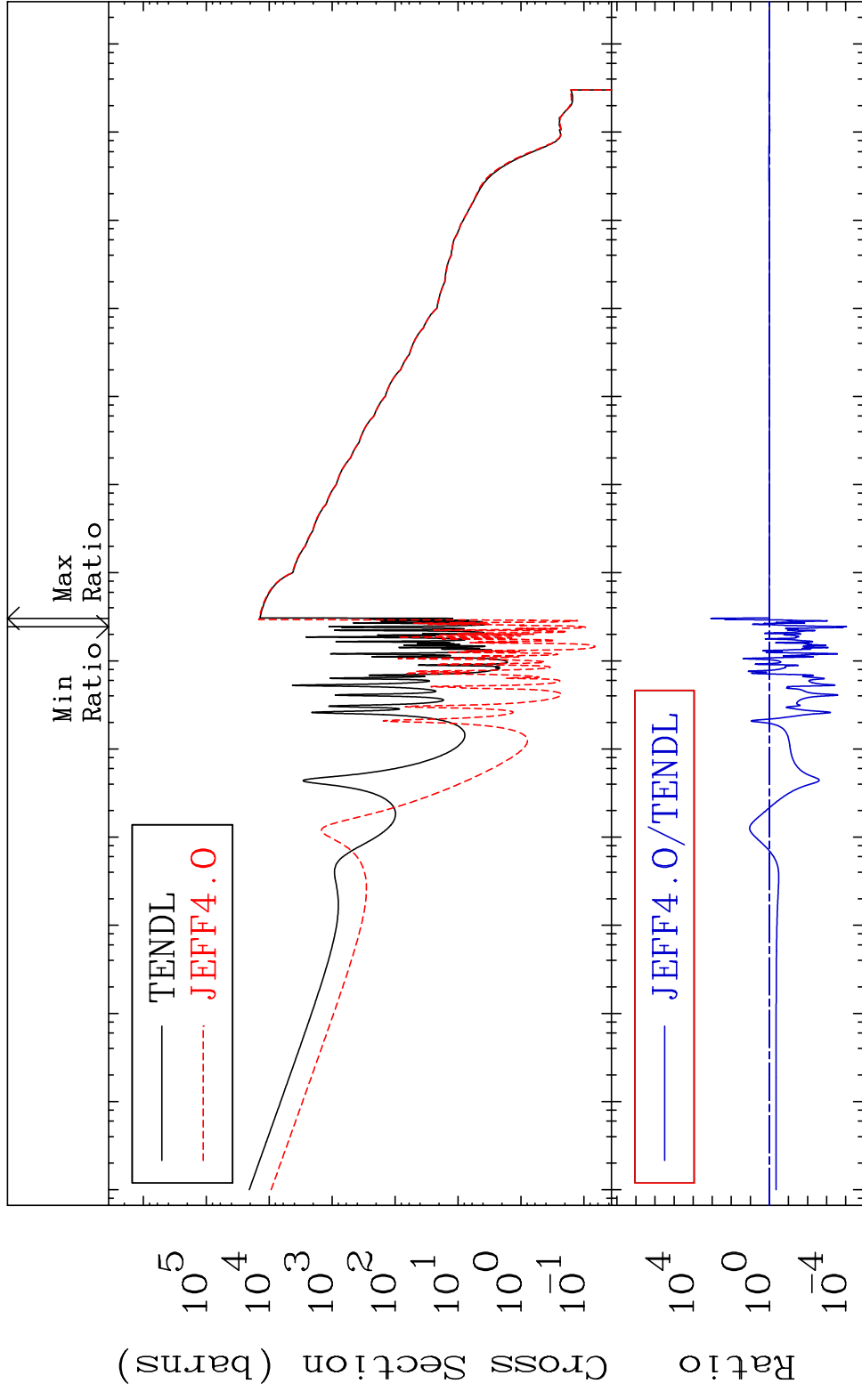


MAT 6519 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-157
 Cross Section -23.09 To 134.8 %



MAT 6519

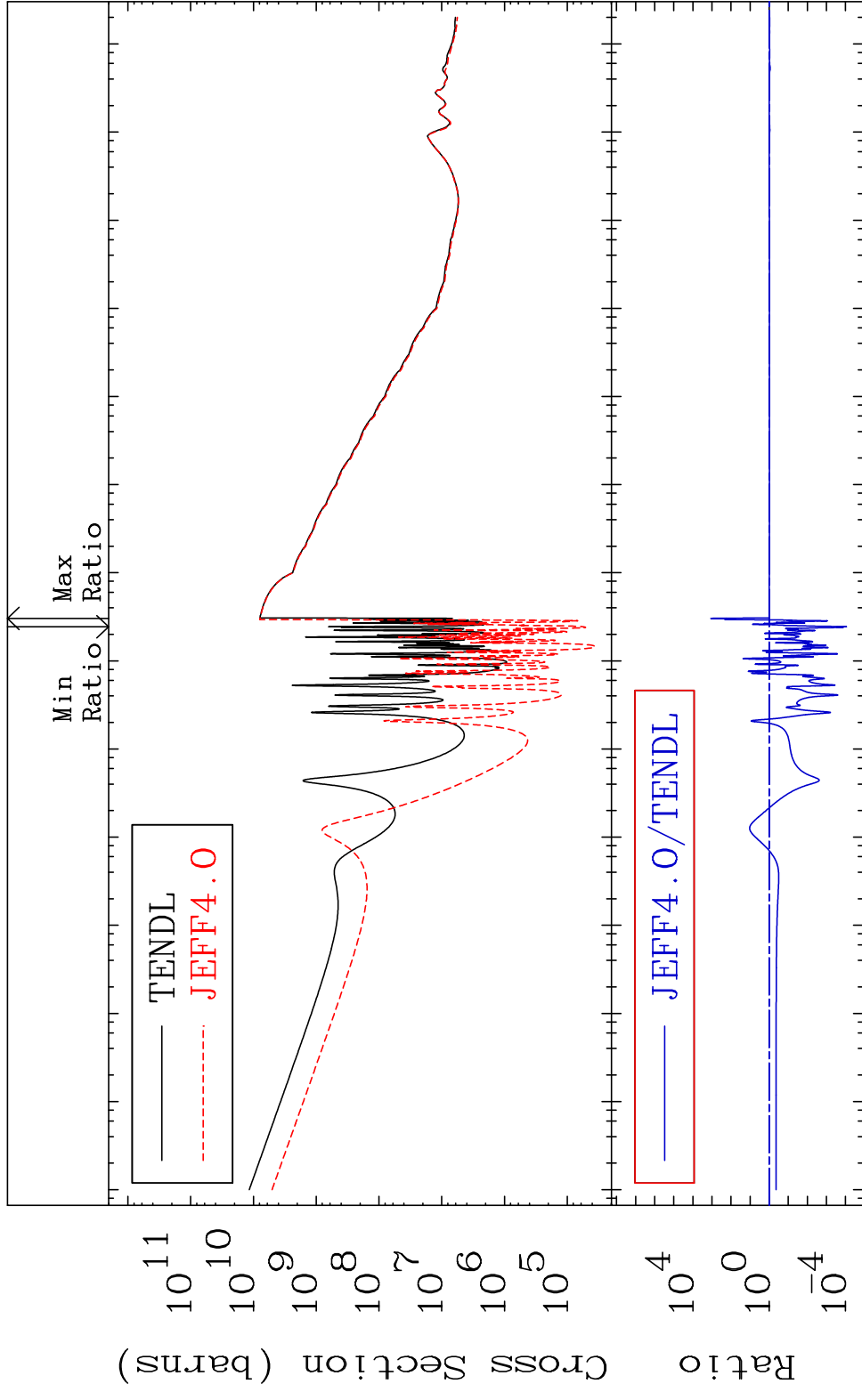
Kerma capture (mt102) 65-Tb-157
Cross Section -99.99 To 9999. %



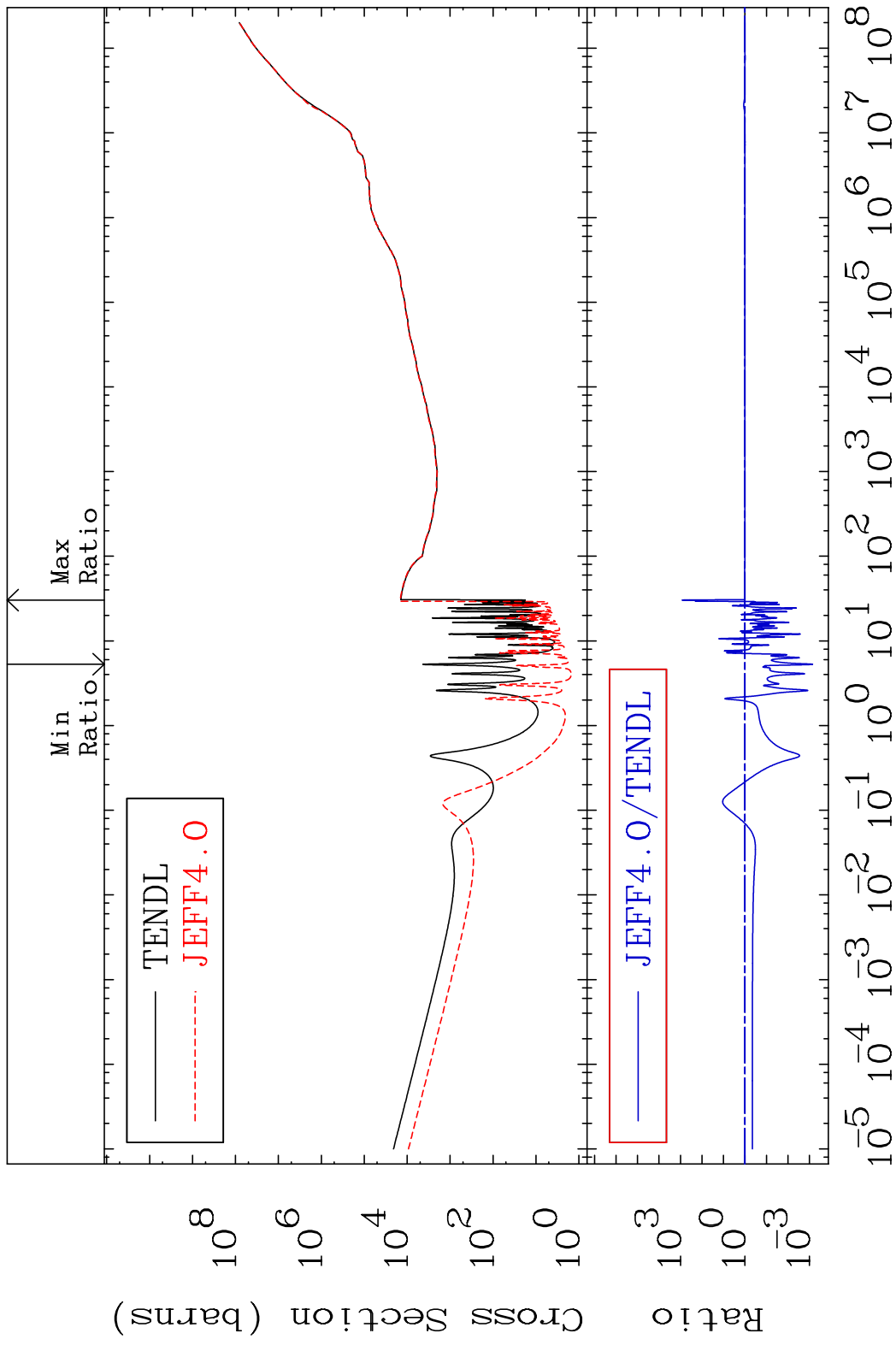
73

Incident Energy (eV) 65-Tb-157

MAT 6519 Total photon (eV-barns) 65-Tb-157
 Cross Section -99.99 To 9999. %



MAT 6519 Total kinematic kerma (high limit) 65-Tb-157
 Cross Section -99.93 To 9999. %

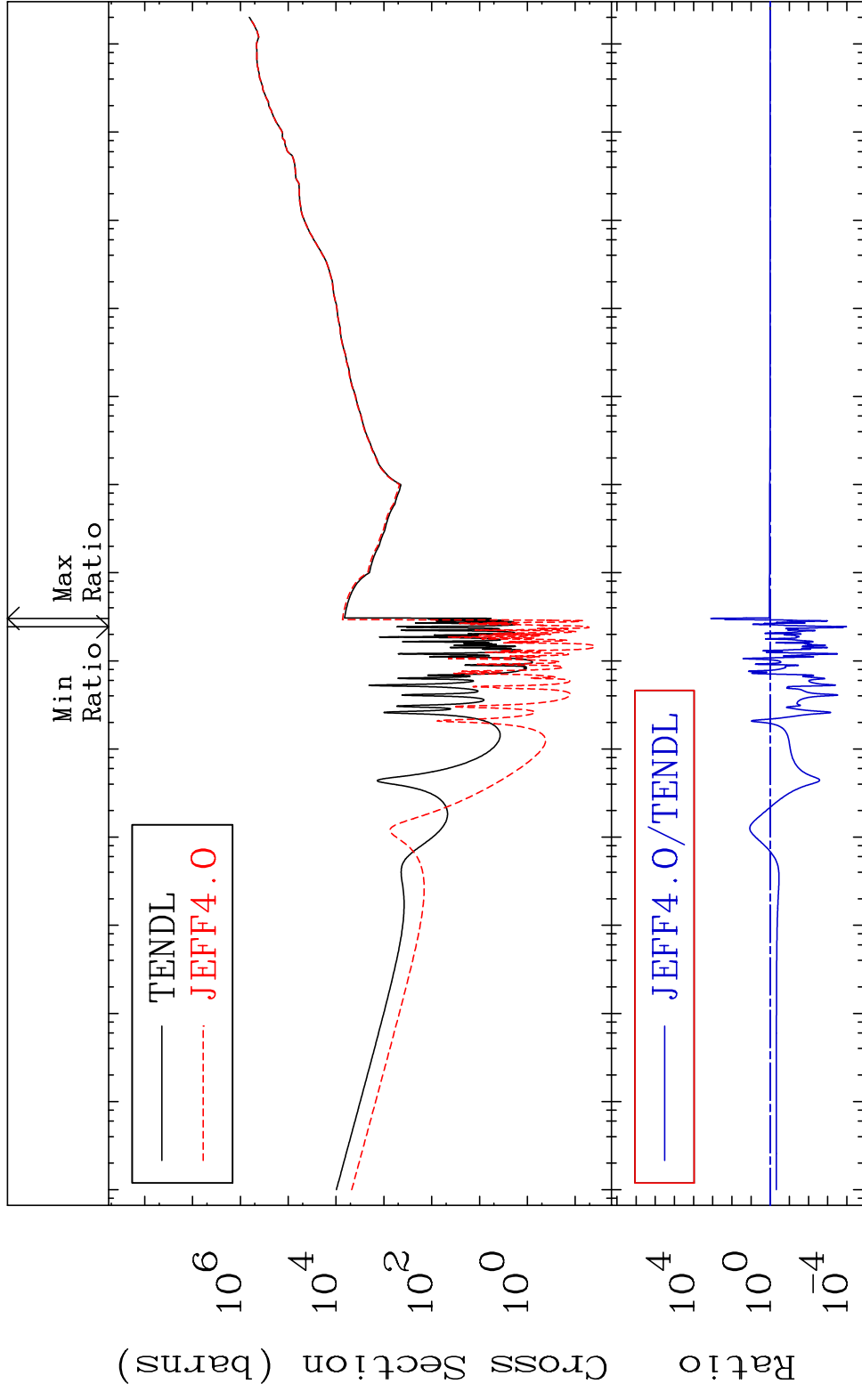


MAT 6519

Dpa total (eV-barns)

65-Tb-157

Cross Section -99.99 To 9999. %



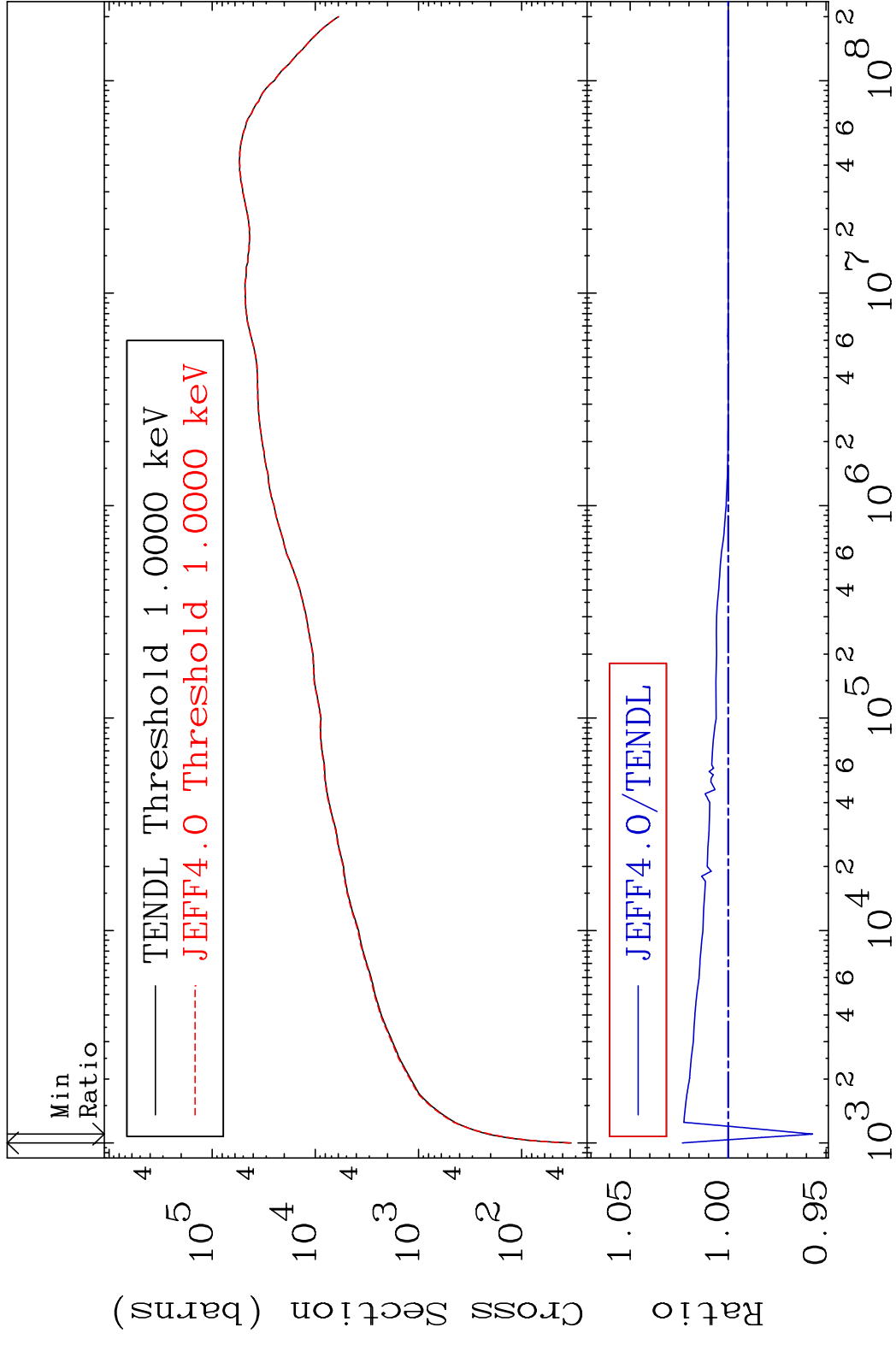
MAT 6519

Dpa elastic (mt2)

65-Tb-157

Cross Section

-4.308 To 2.337 %

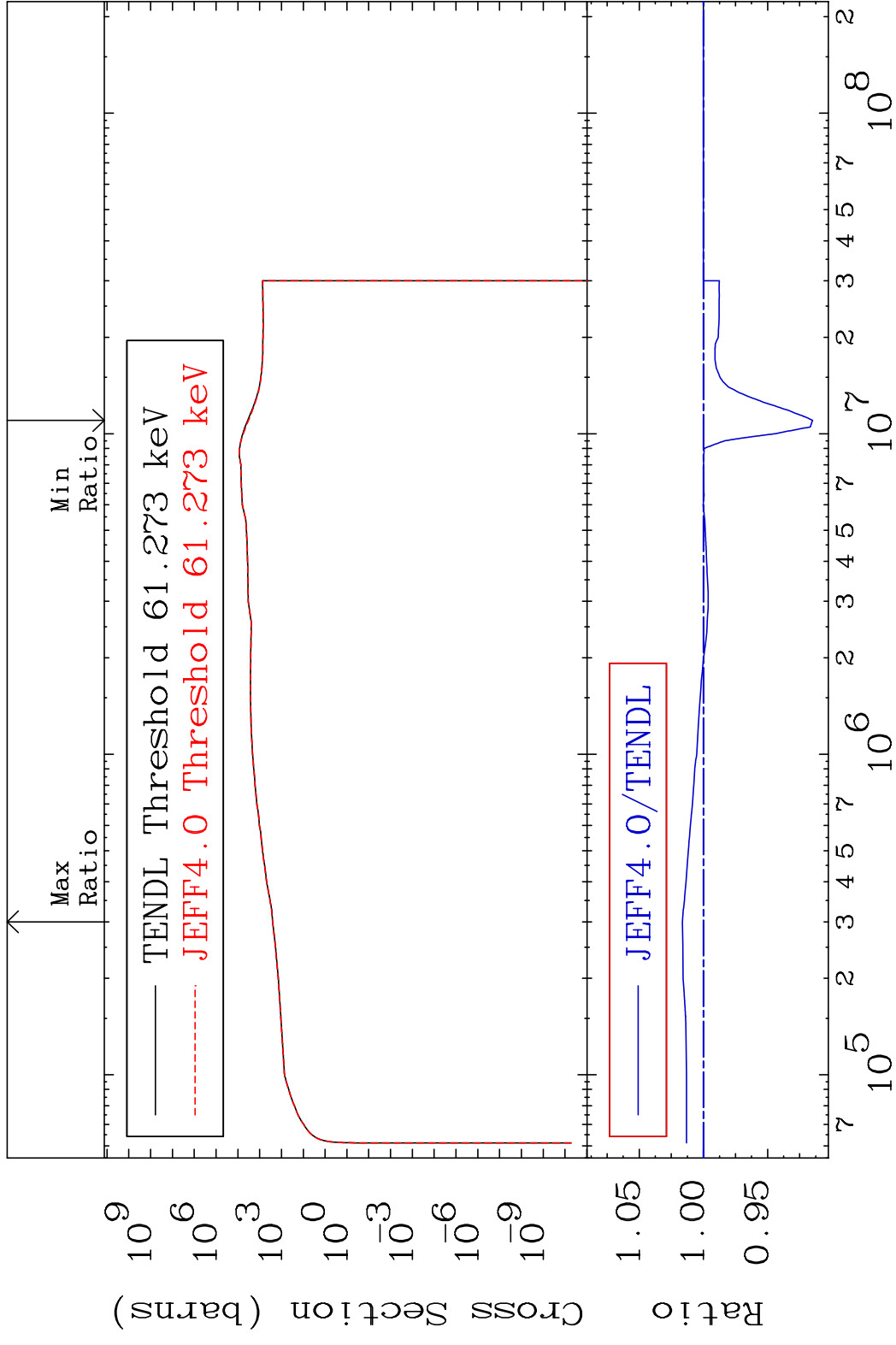


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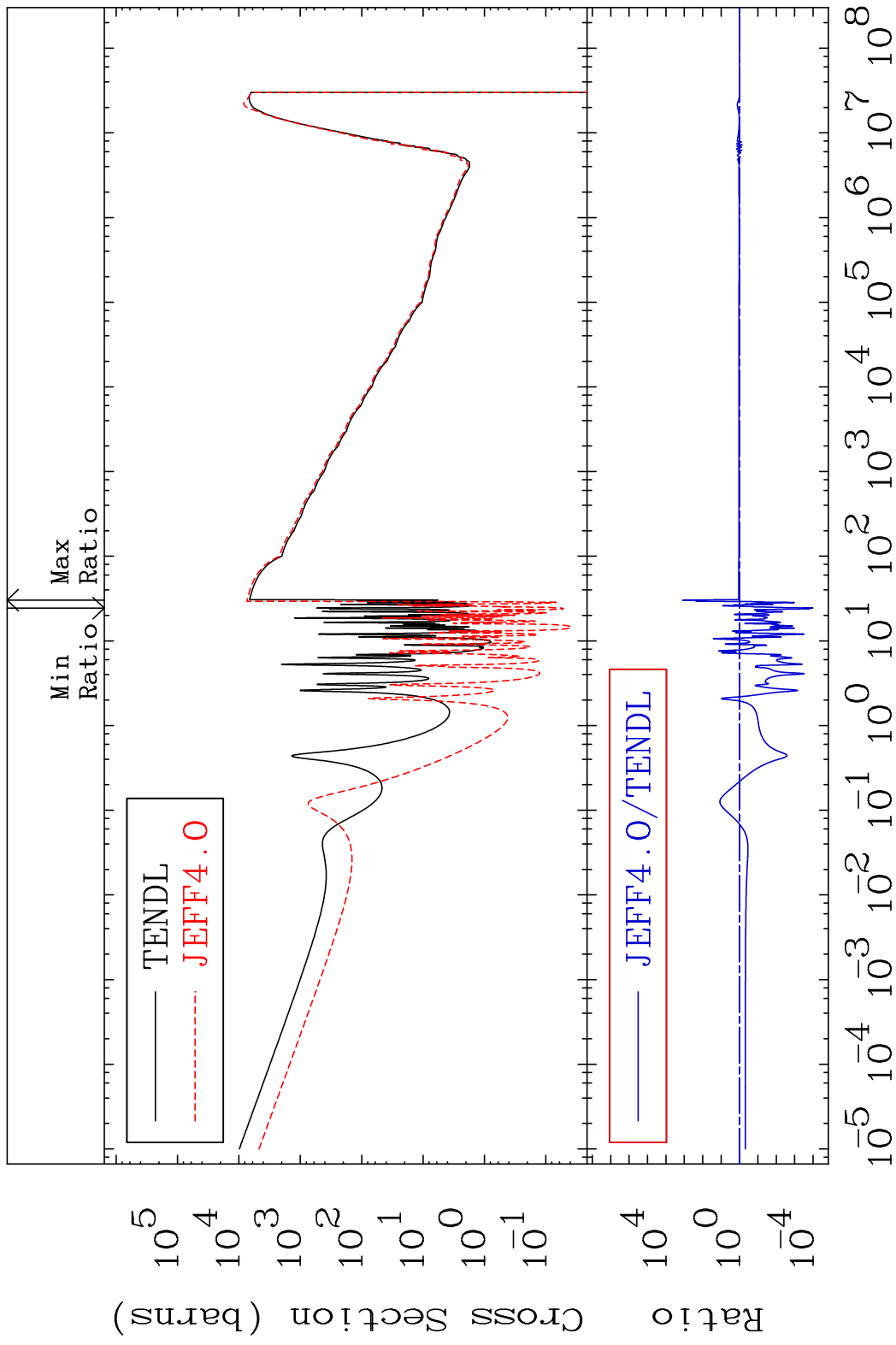
Incident Energy (eV)

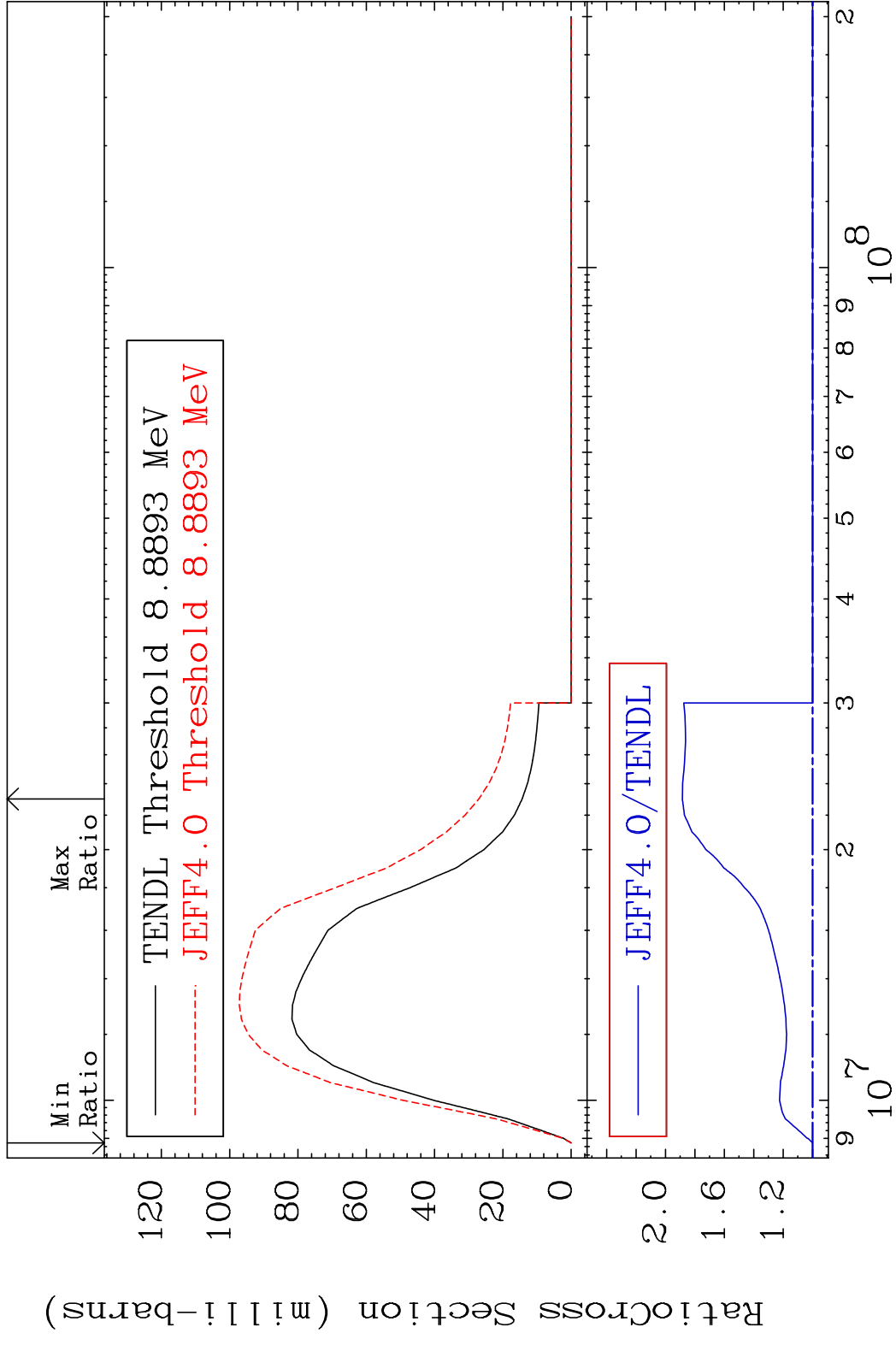
65-Tb-157

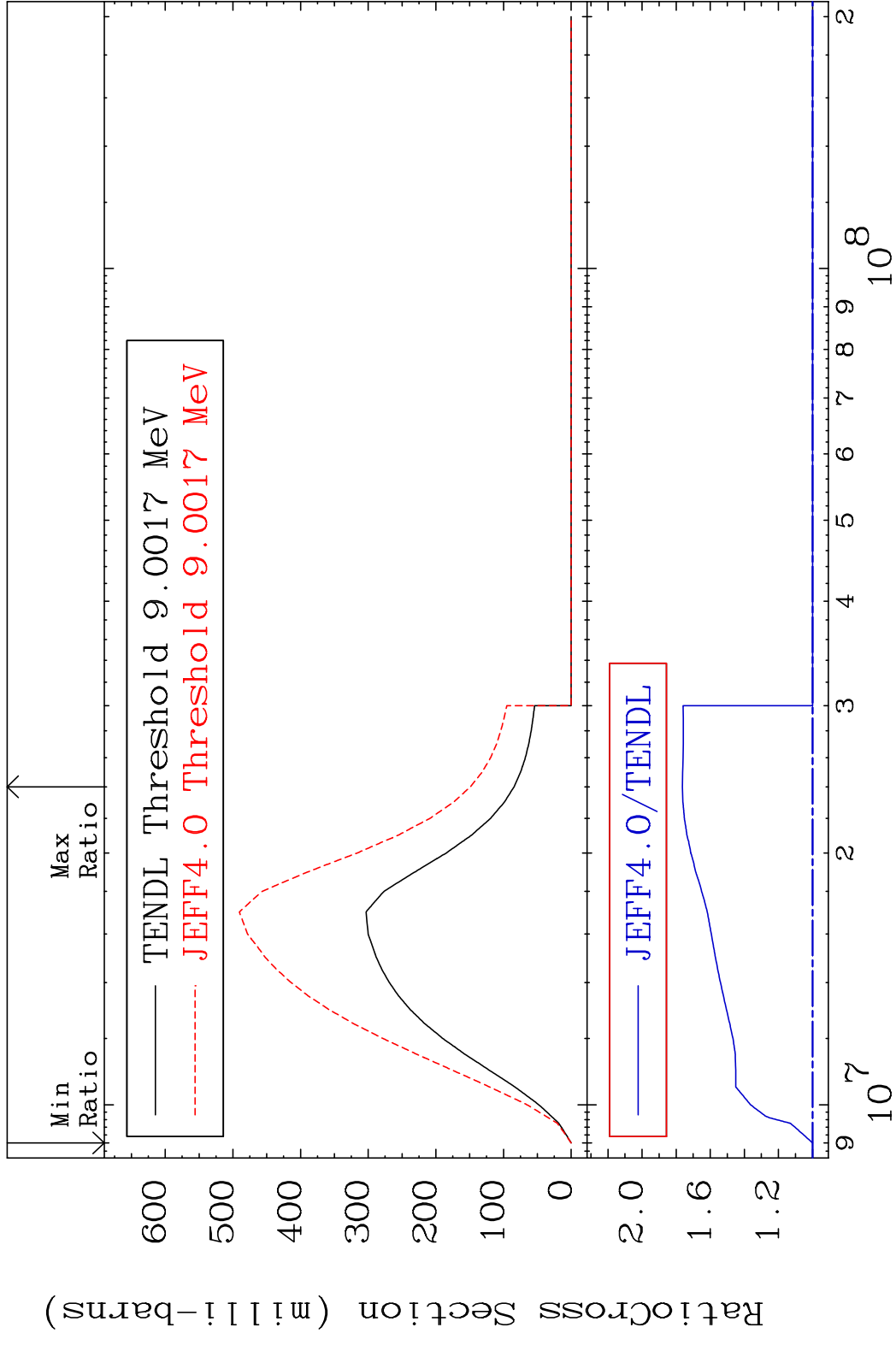
MAT 6519 Dpa inelastic (mt51-91) 65-Tb-157
 Cross Section -8.506 To 1.641 %



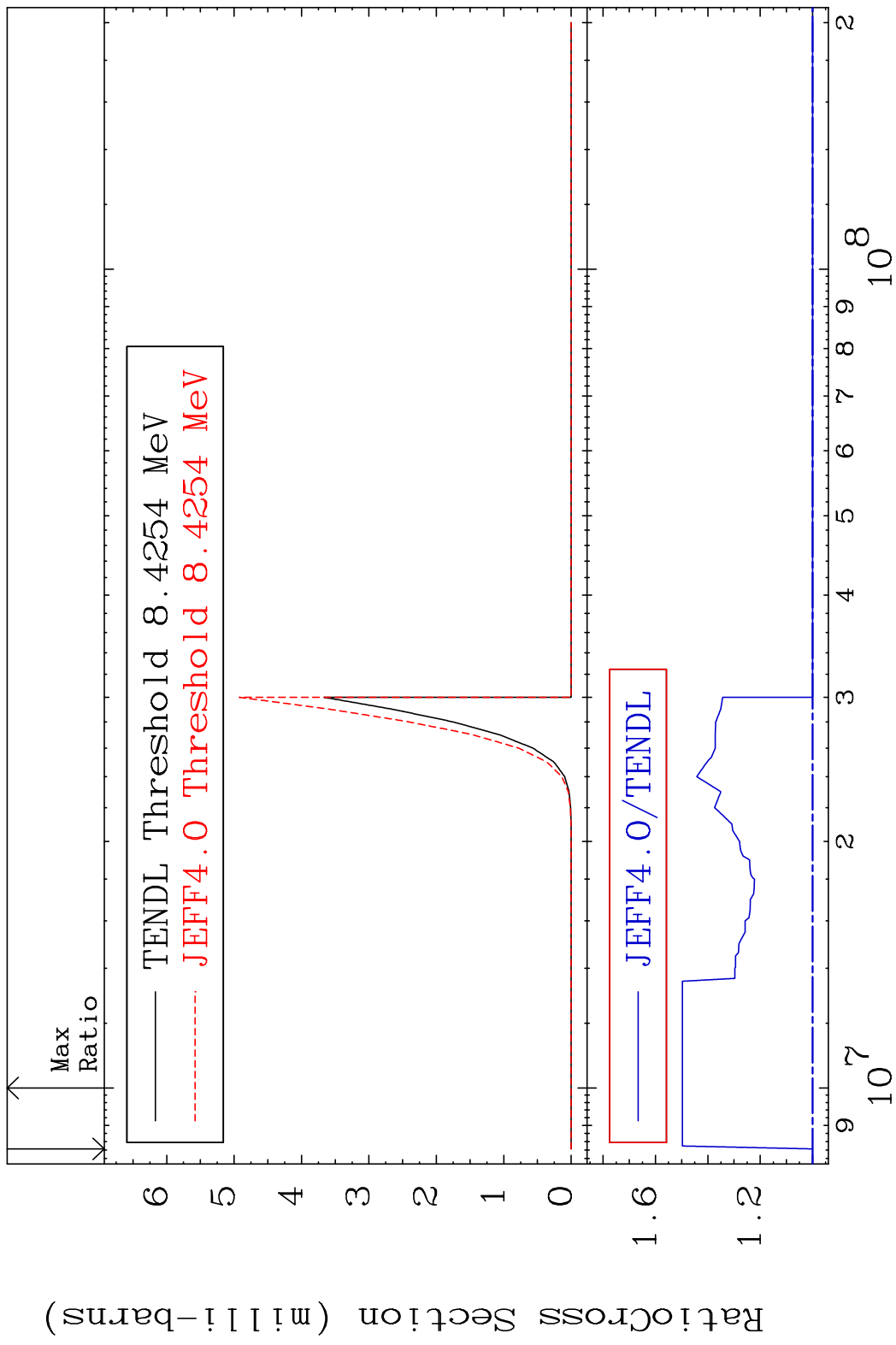
MAT 6519 Dpa disappearance (mt102 -120) 65-Tb-157
 Cross Section -99.99 To 9999. %

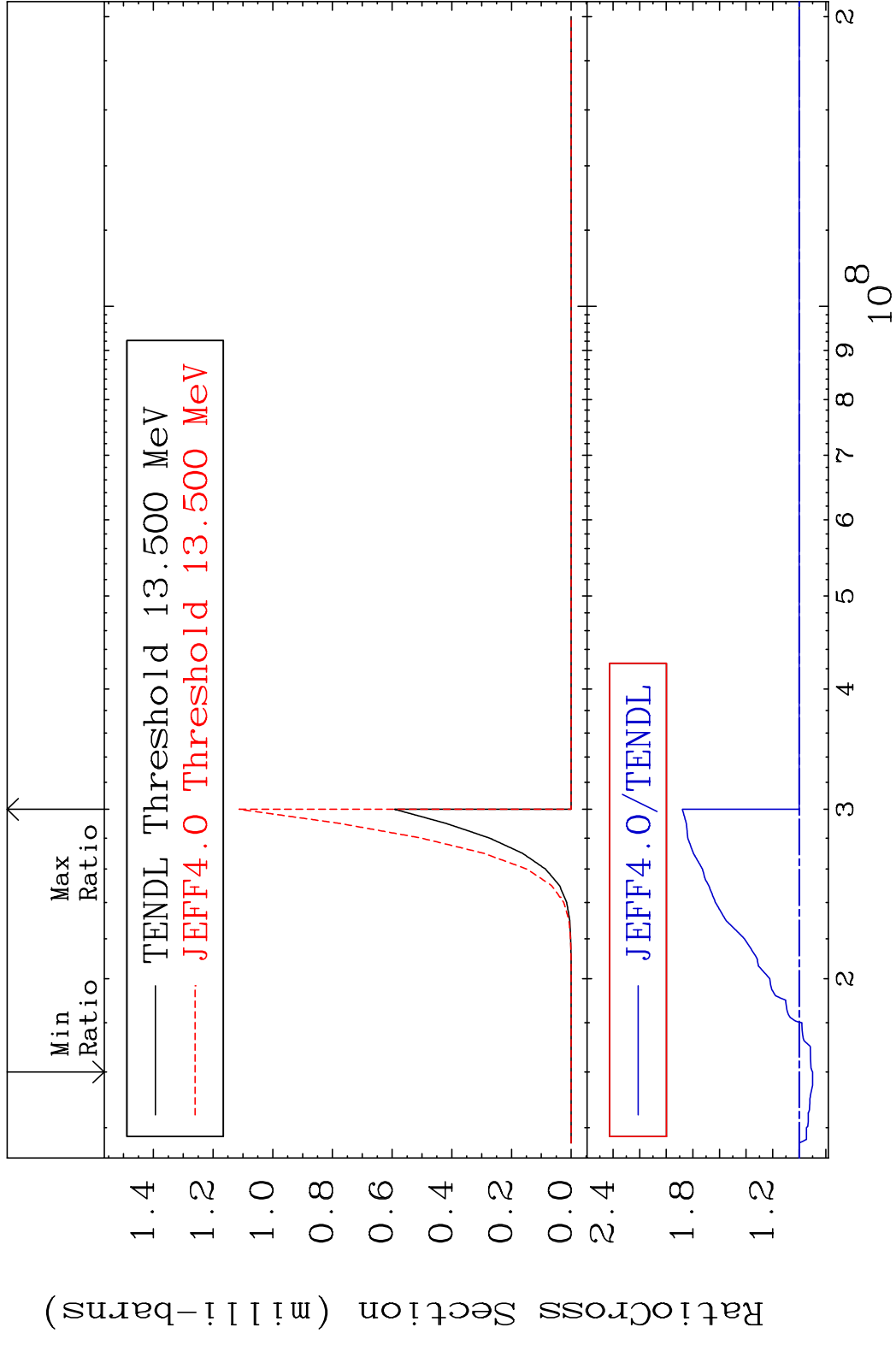






MAT 6519 (n,2n) α :63-Eu-152g 65-Tb-157
 Radionuclide Production Cross Section 49.73 %





MAT 6519 (n,4n):65-Tb-154g 65-Tb-157
 Radionuclide Production Cross Section 17.34 %

