

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

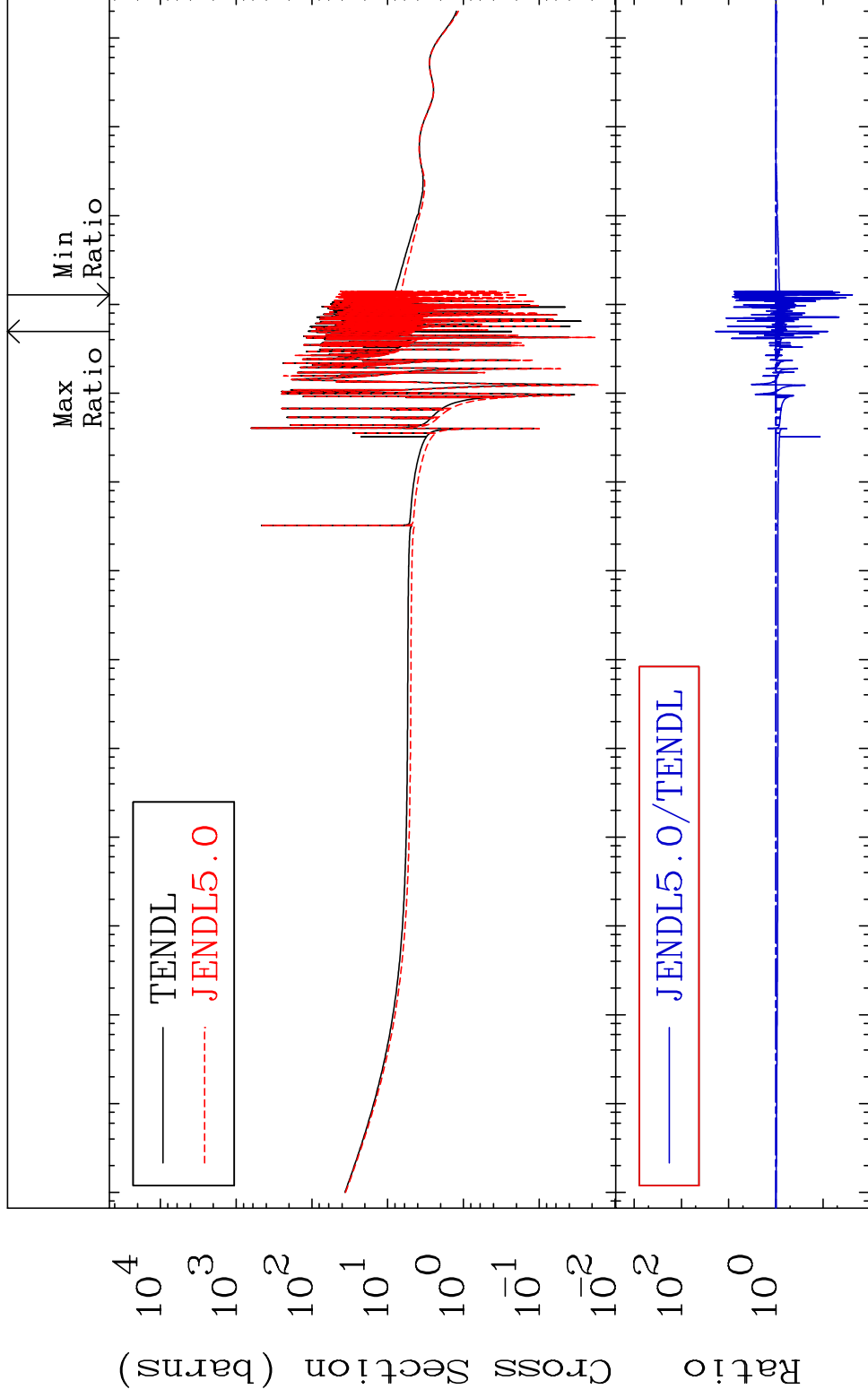
MAT 3031

Total

30-Zn-66

Cross Section

-97.58 To 1782. %



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

1

Incident Energy (eV)

30-Zn-66

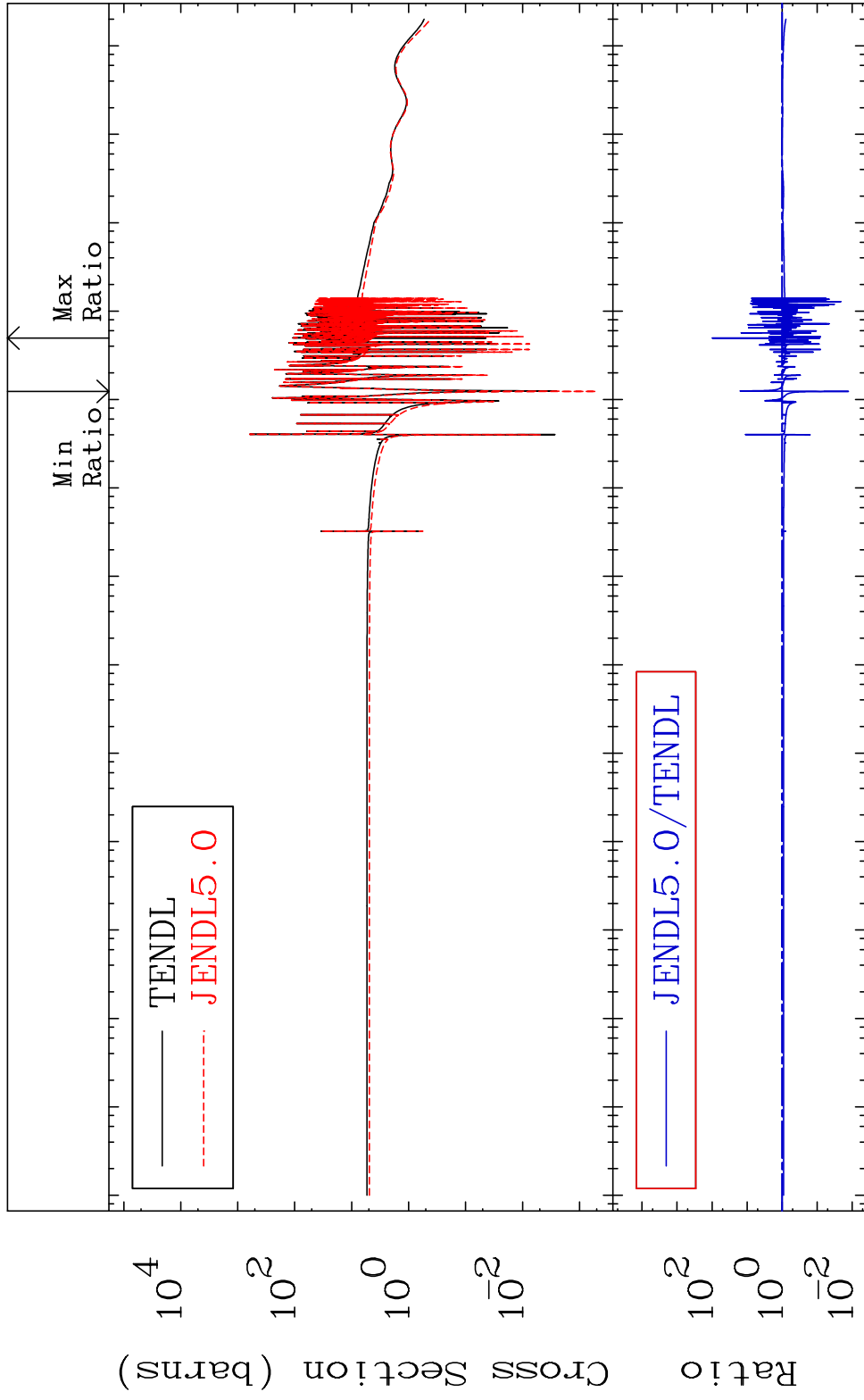
MAT 3031

Elastic

30-Zn-66

Cross Section

-98.72 To 9694. %

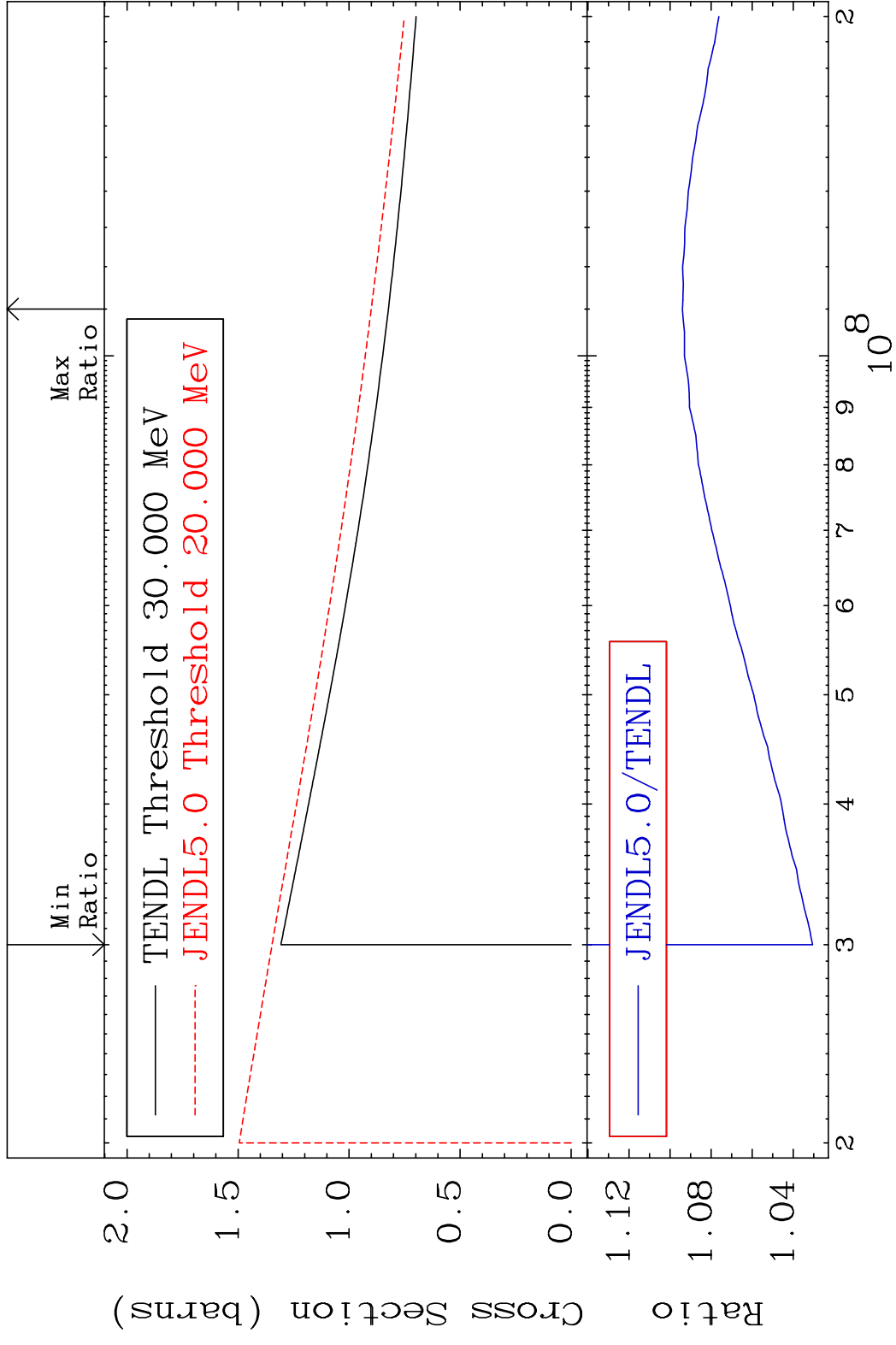


2

Incident Energy (eV)

30-Zn-66

MAT 3031 (n, remainder) 30-Zn-66
 Cross Section 3.054 To 9.398 %



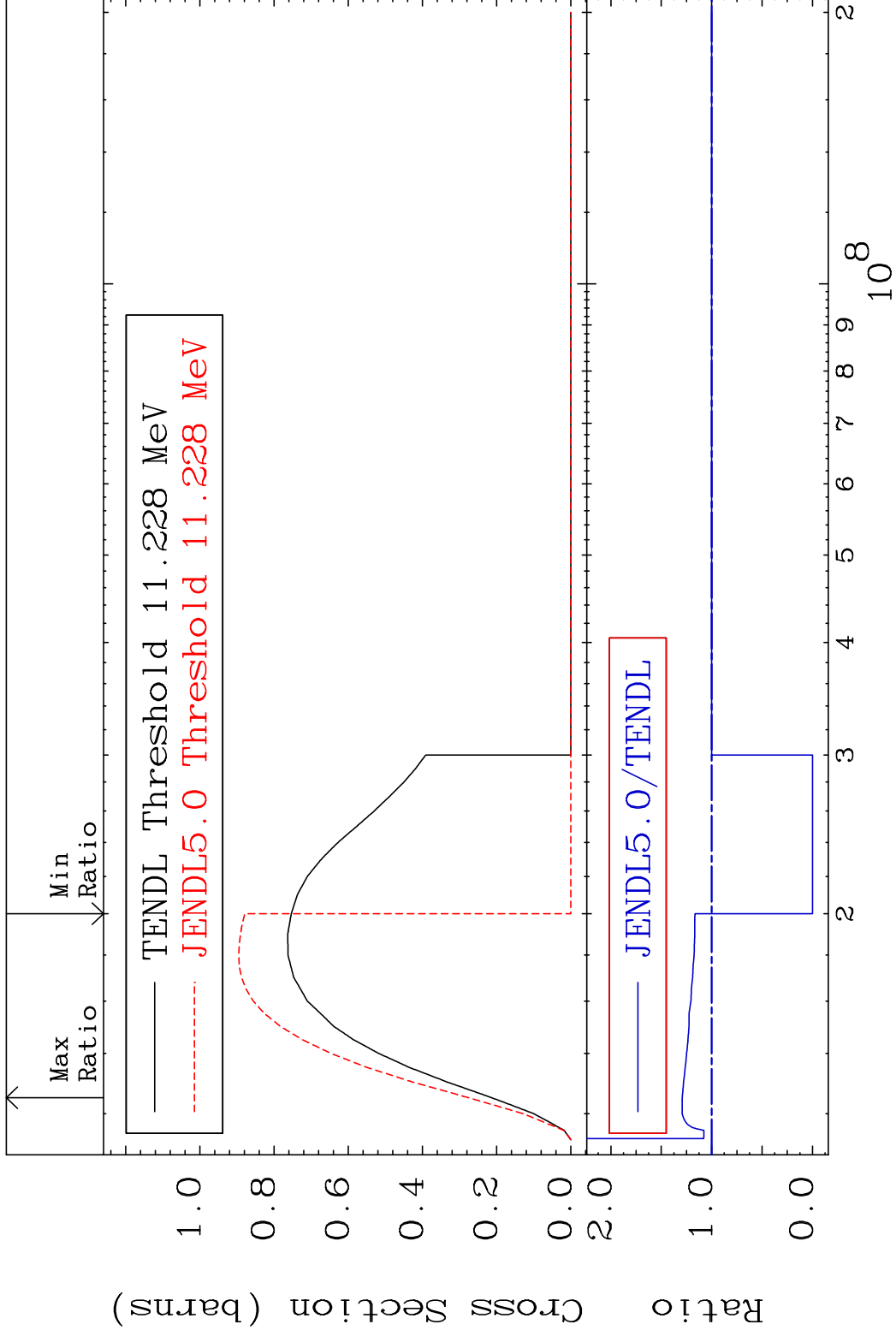
4 Incident Energy (eV) 30-Zn-66

MAT 3031

(n,2n)

30-Zn-66

Cross Section -100.0 To 29.29 %

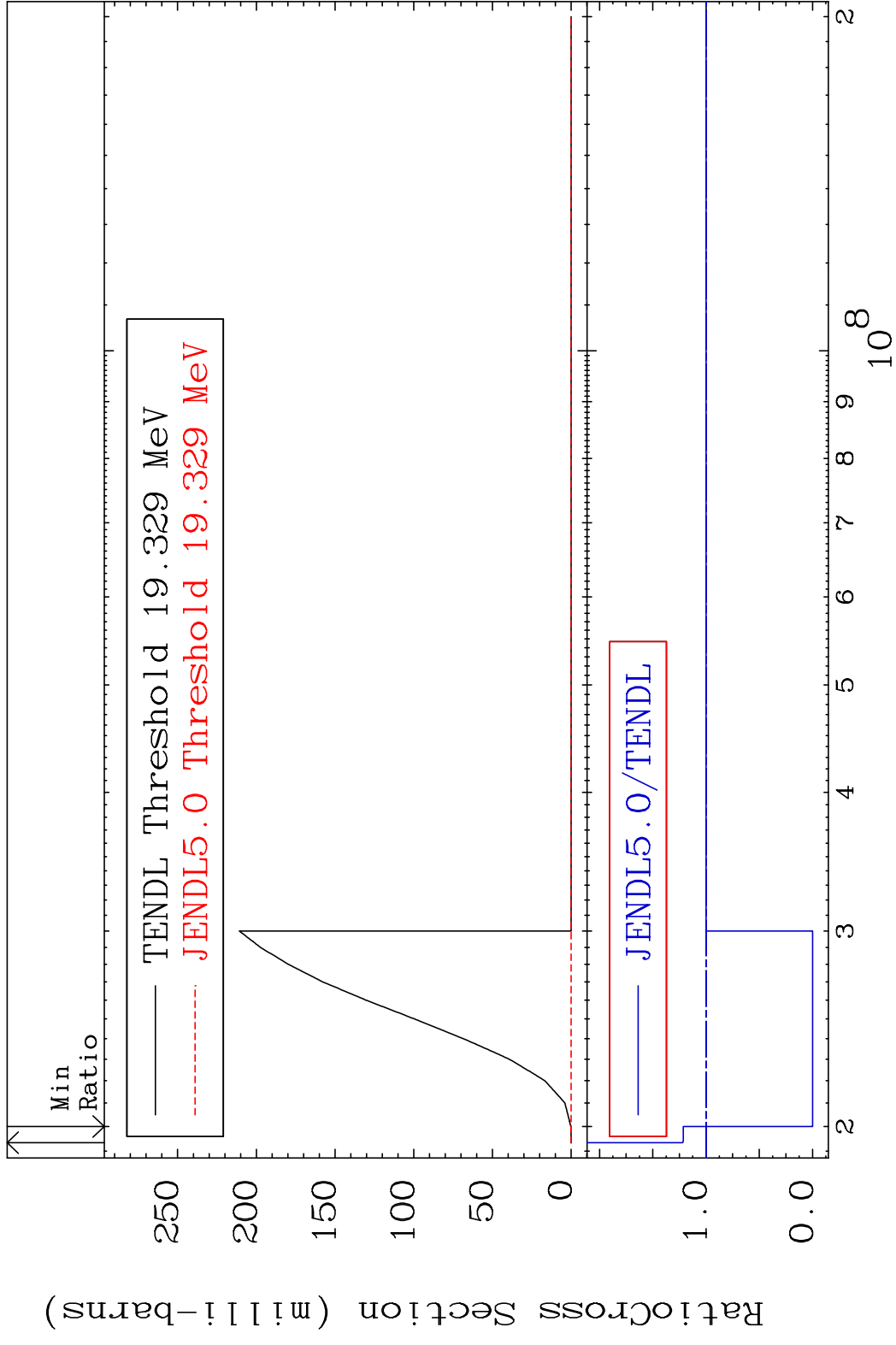


5

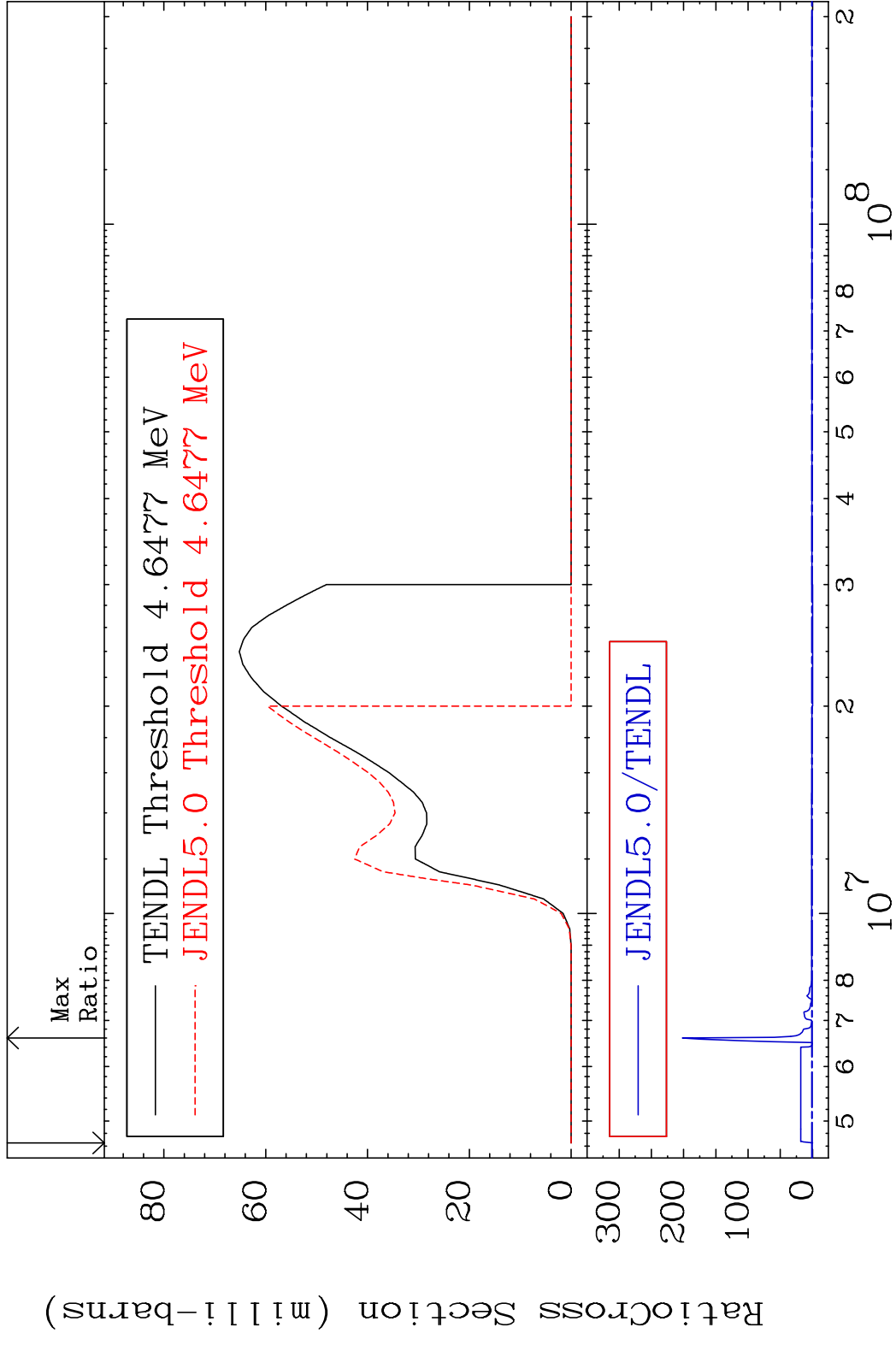
Incident Energy (eV)

30-Zn-66

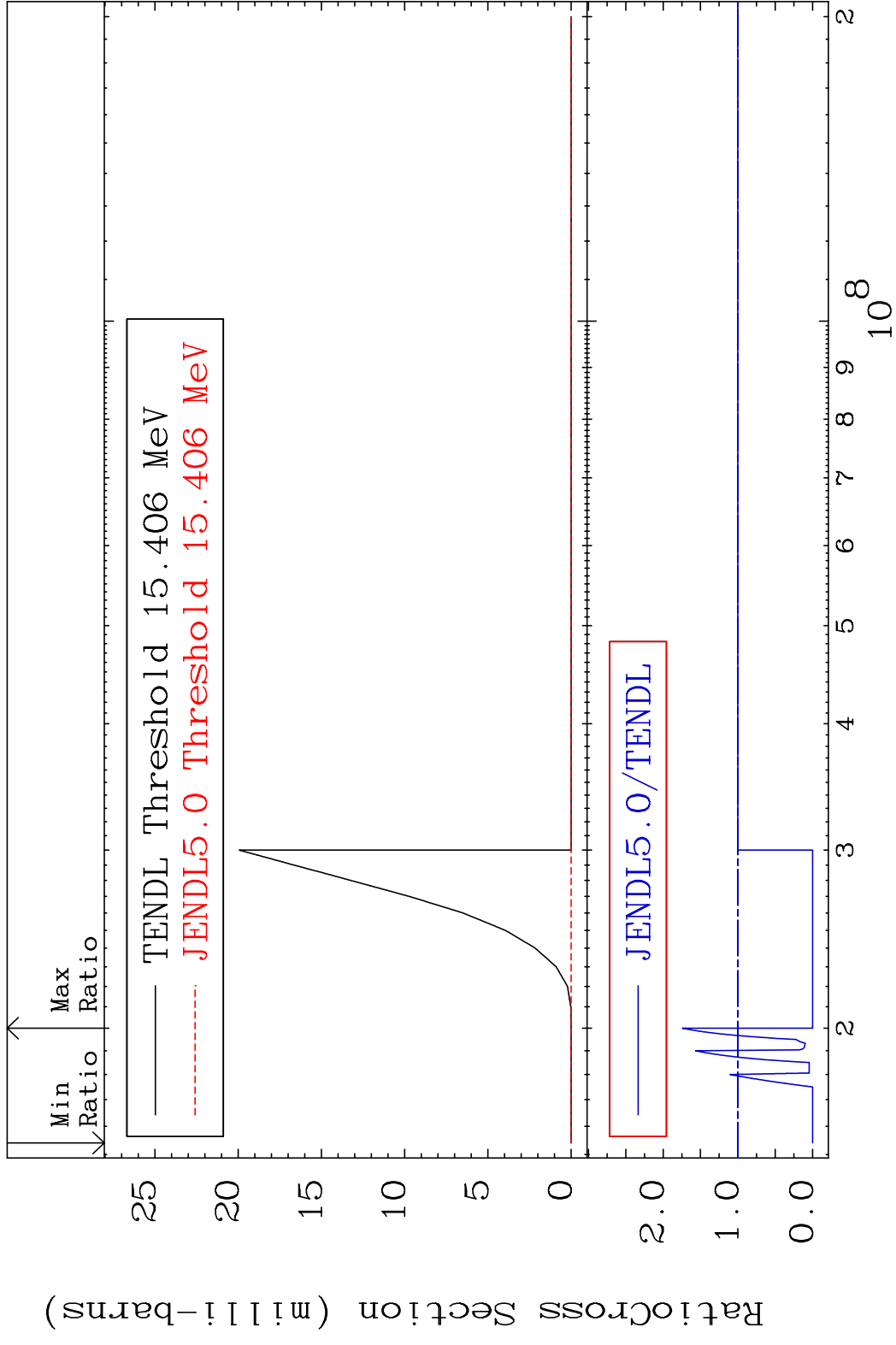
MAT 3031 (n,3n) 30-Zn-66
 Cross Section -100.0 To 22.24 %



MAT 3031 (n, n') α 30-Zn-66
 Cross Section -100.0 To 9999. %

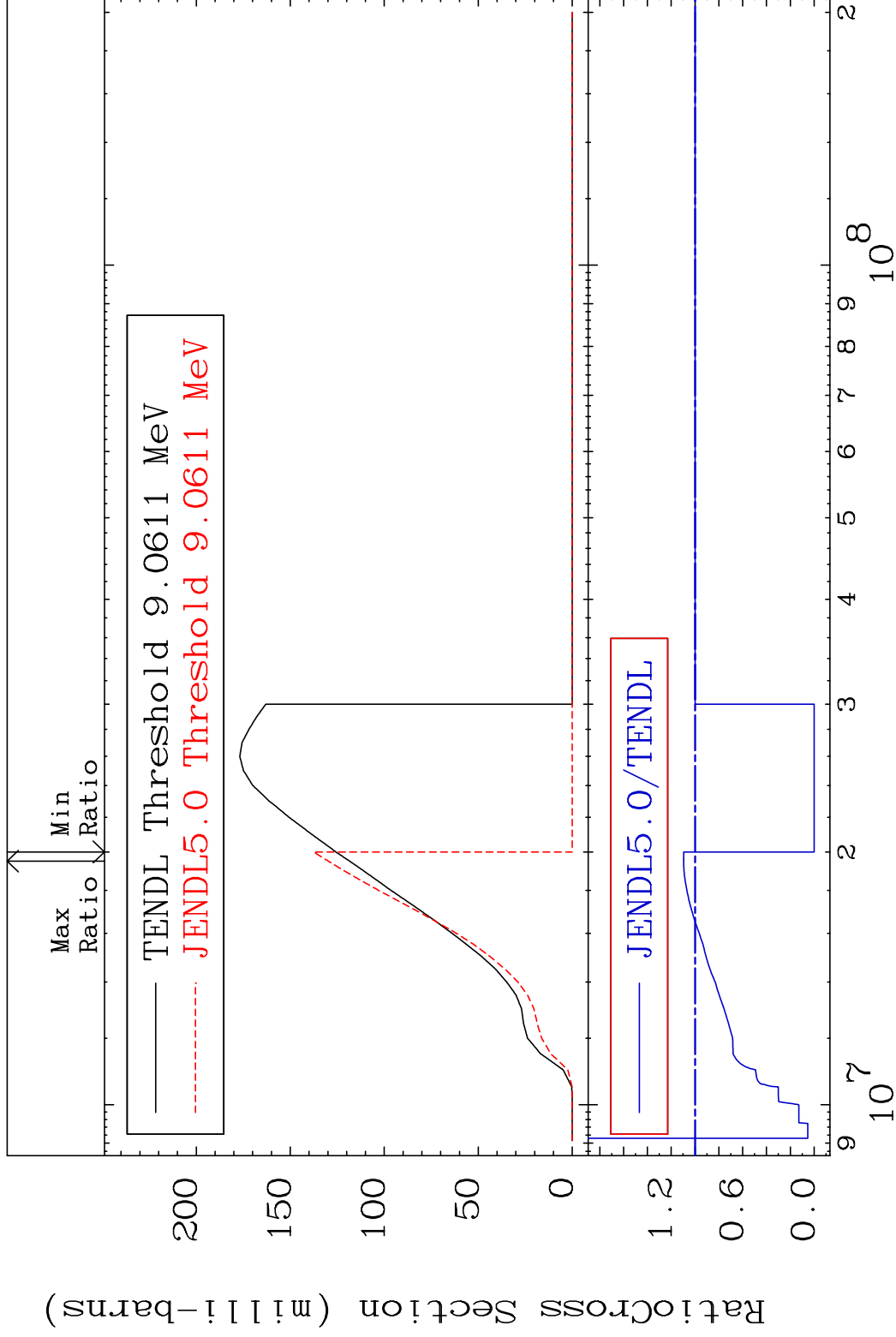


MAT 3031 (n,2n) α 30-Zn-66
 Cross Section -100.0 To 74.31 %



MAT 3031

(n, n') p 30-Zn-66
Cross Section -100.0 To 9.546 %

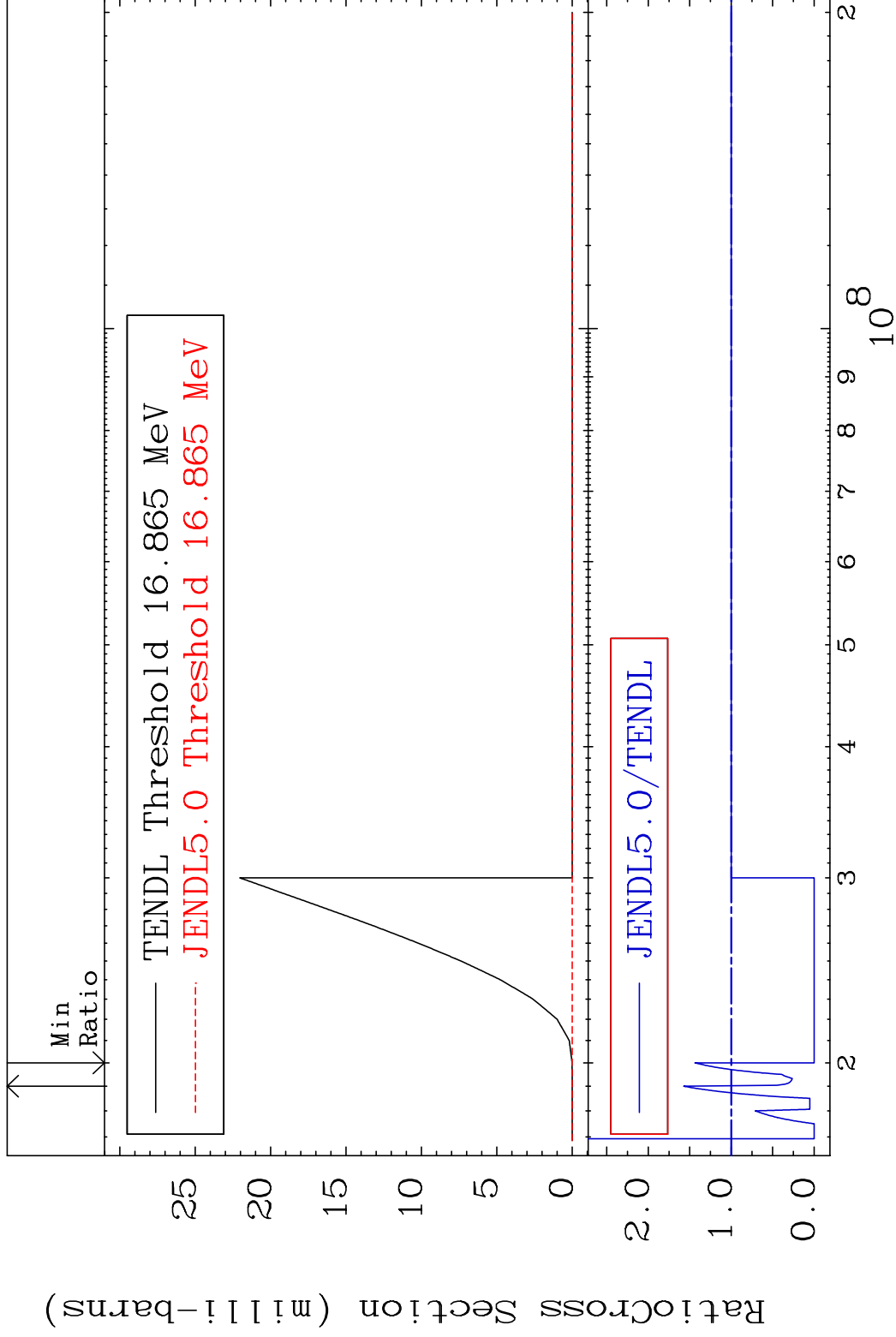


MAT 3031

(n, n') d

30-Zn-66

Cross Section -100.0 To 57.28 %

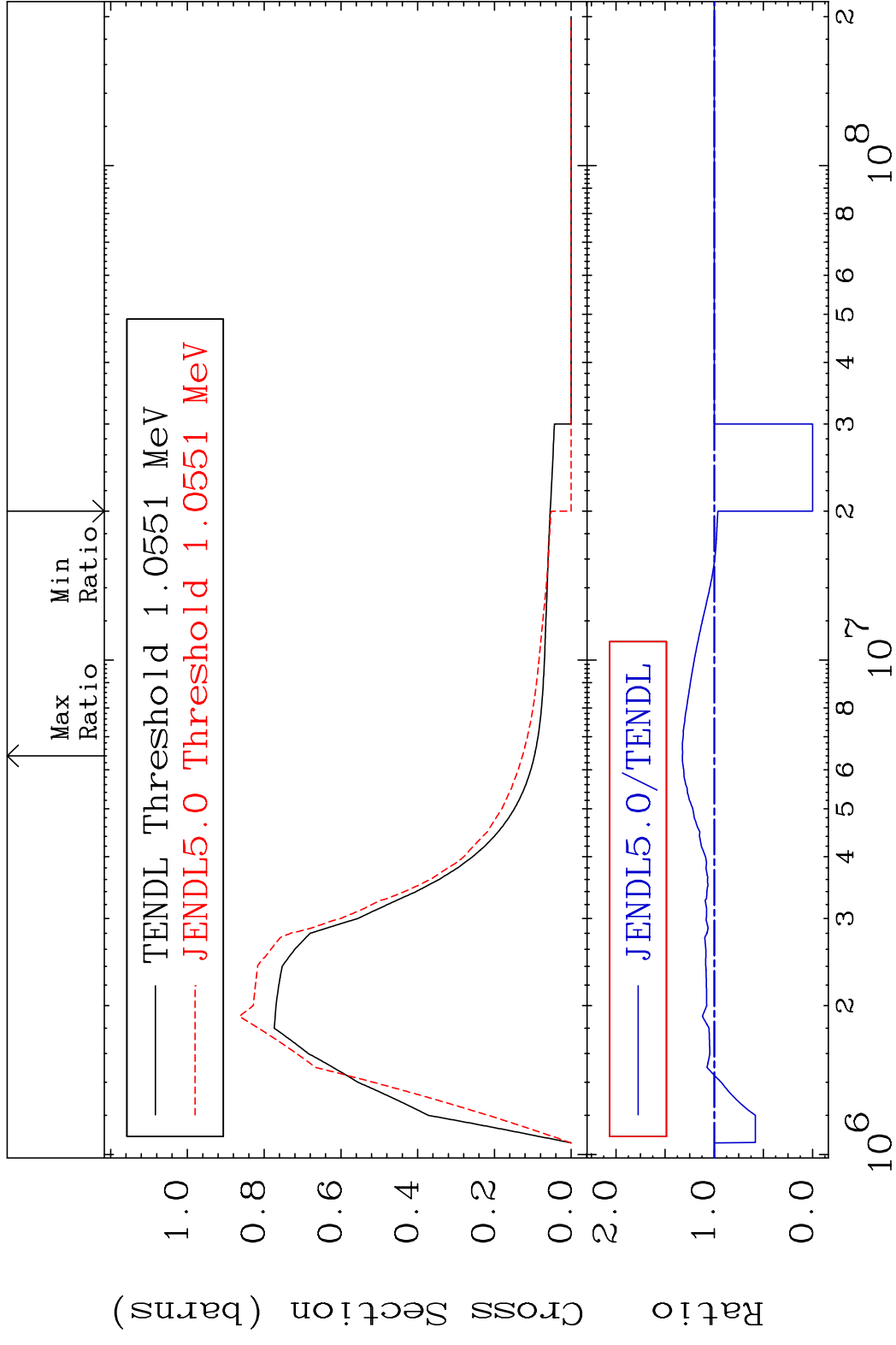


10

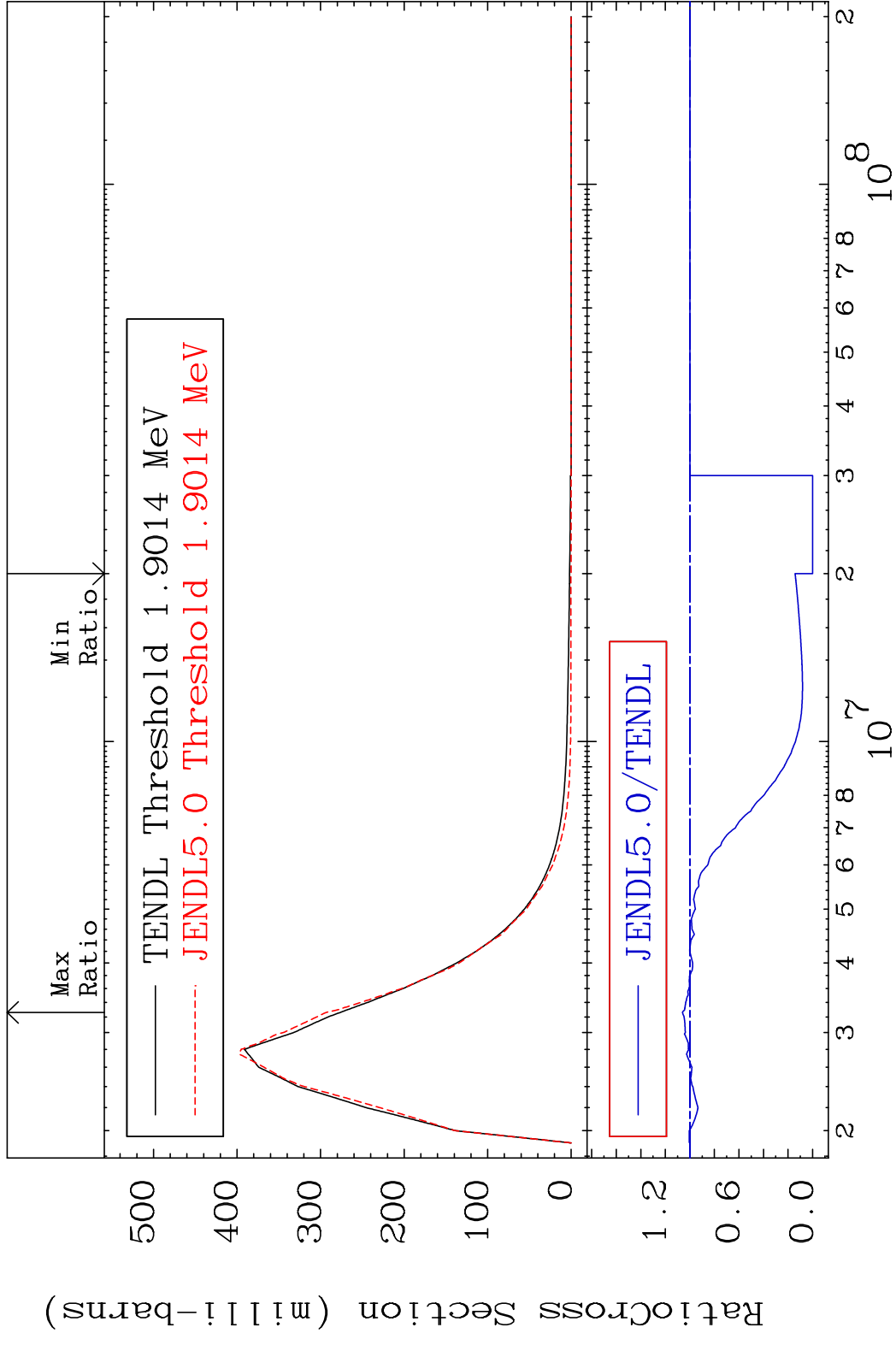
Incident Energy (eV)

30-Zn-66

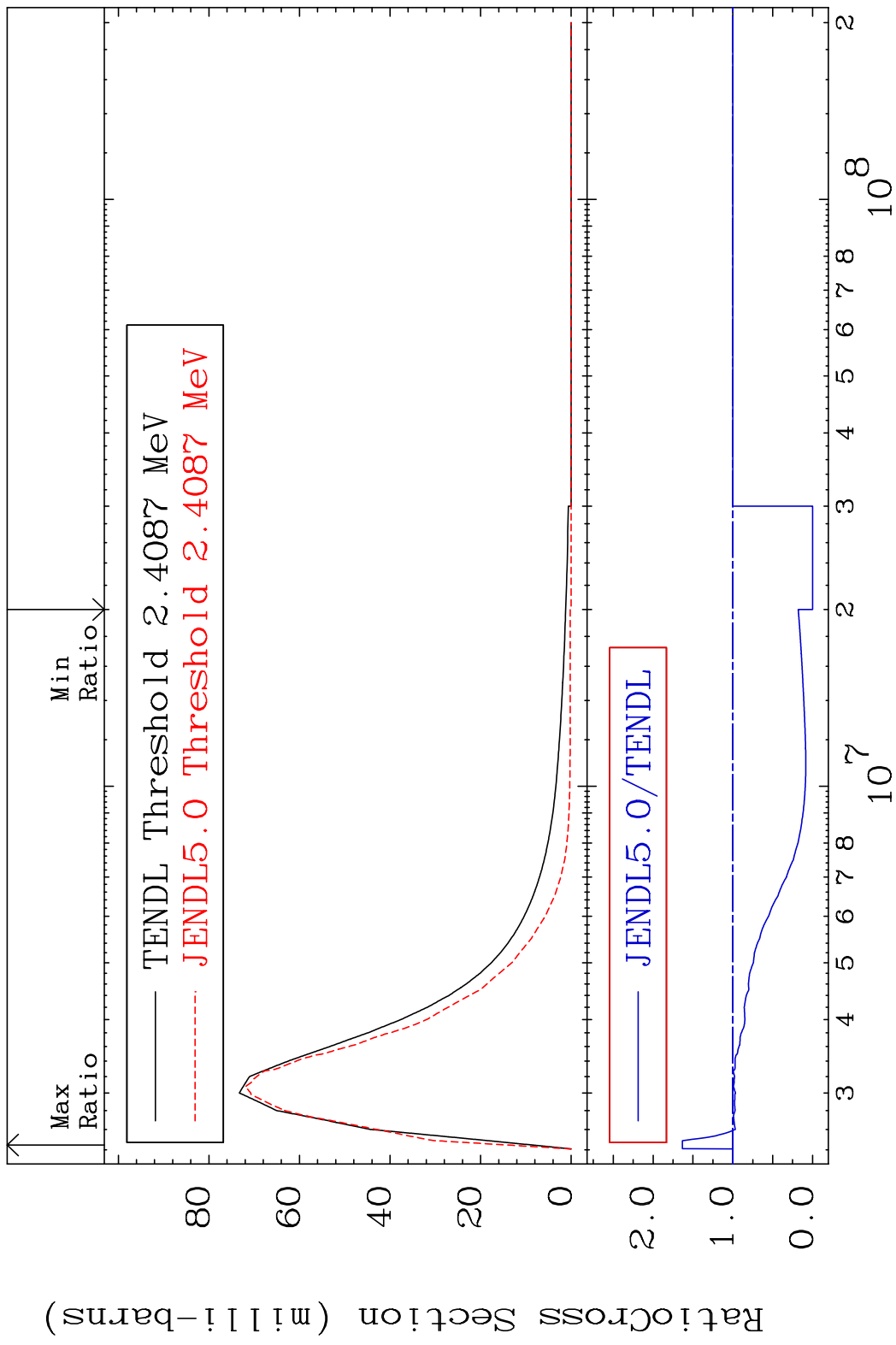
MAT 3031 MT= 51 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 32.45 %



MAT 3031 MT= 52 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 6.116 %

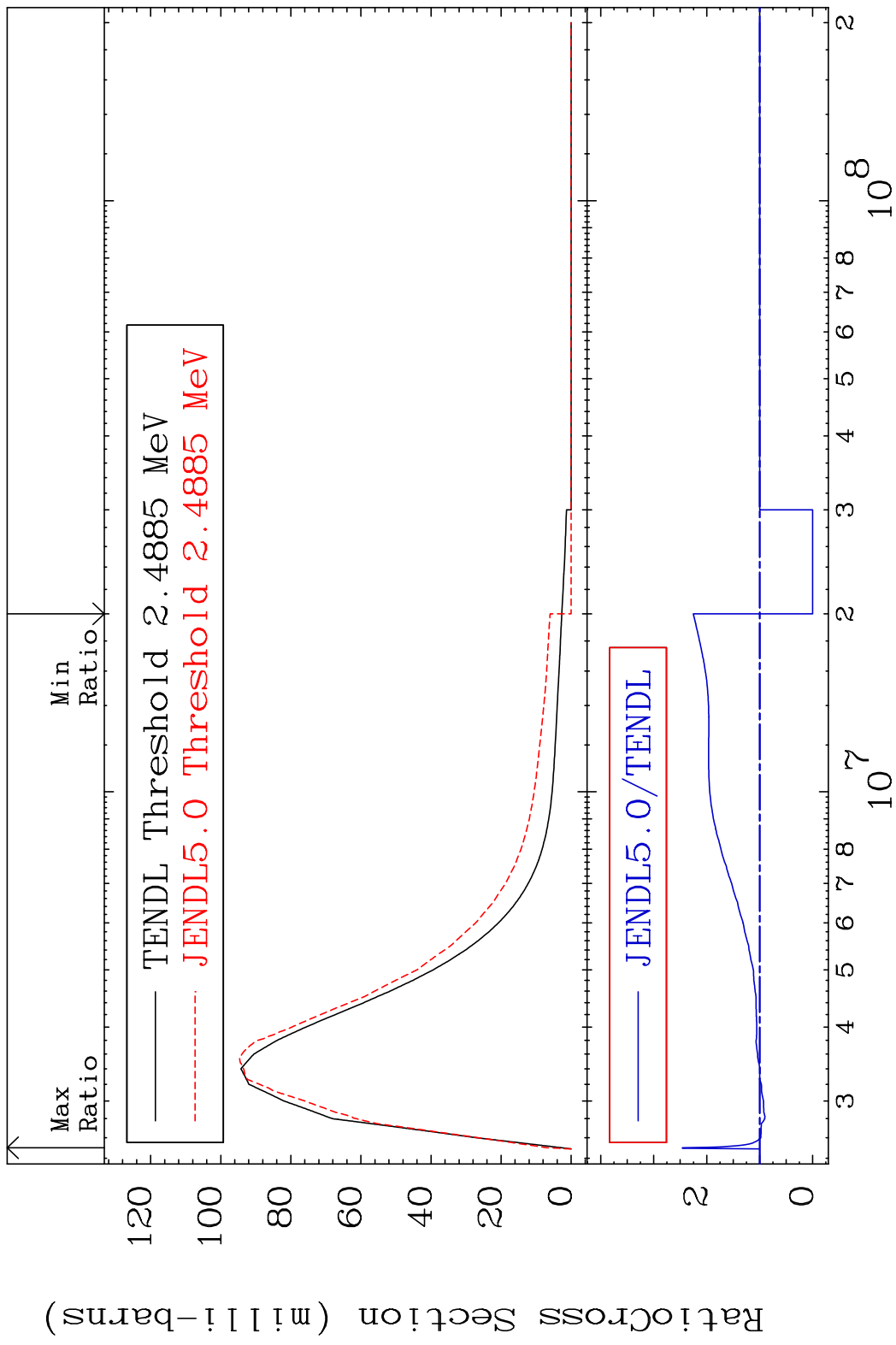


MAT 3031 MT= 53 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 63.30 %



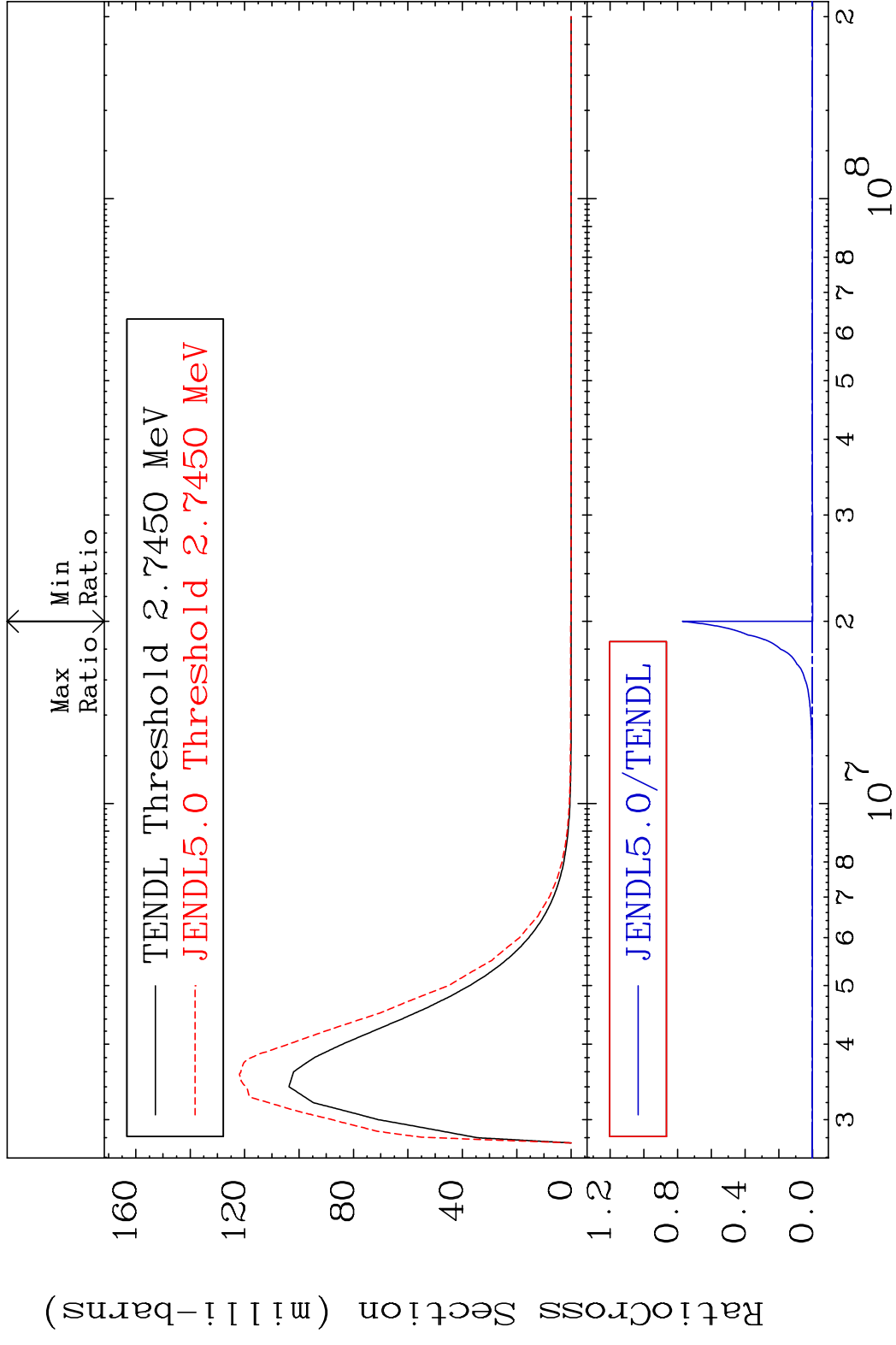
13 Incident Energy (eV) 30-Zn-66

MAT 3031 MT= 54 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 146.0 %



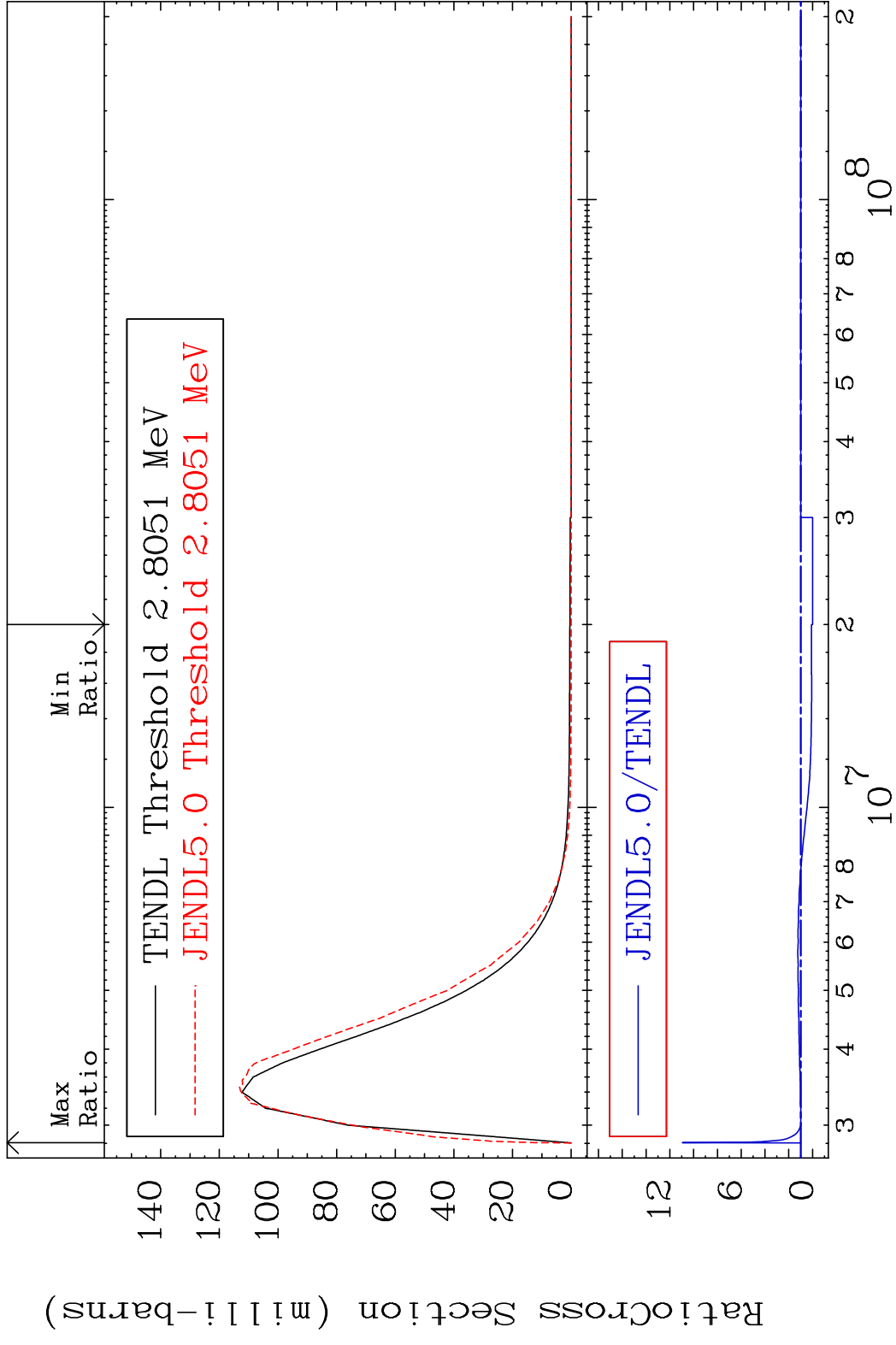
14 Incident Energy (eV) 30-Zn-66

MAT 3031 MT= 55 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 9999. %



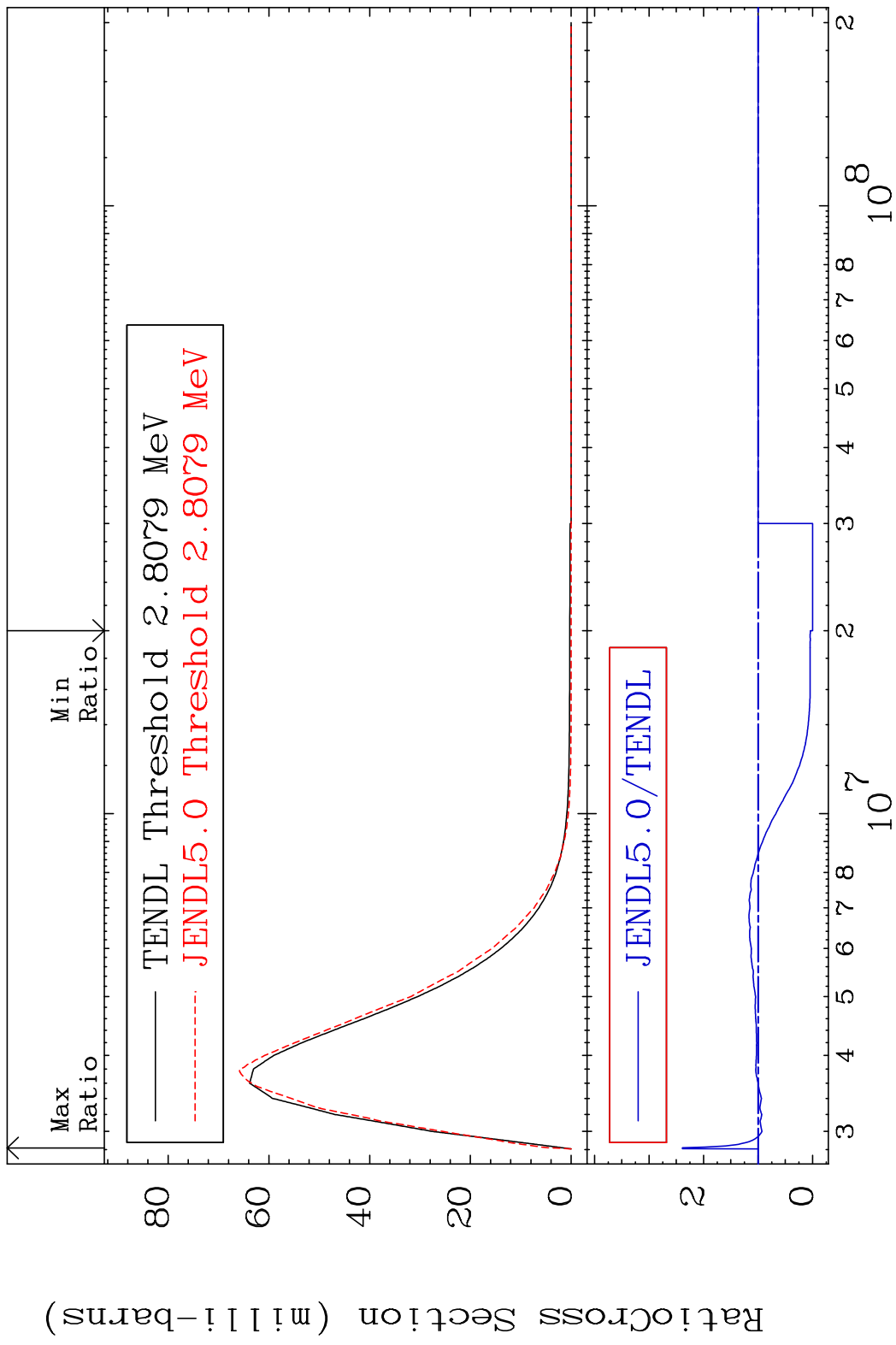
15 Incident Energy (eV) 30-Zn-66

MAT 3031 MT= 56 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 994.9 %



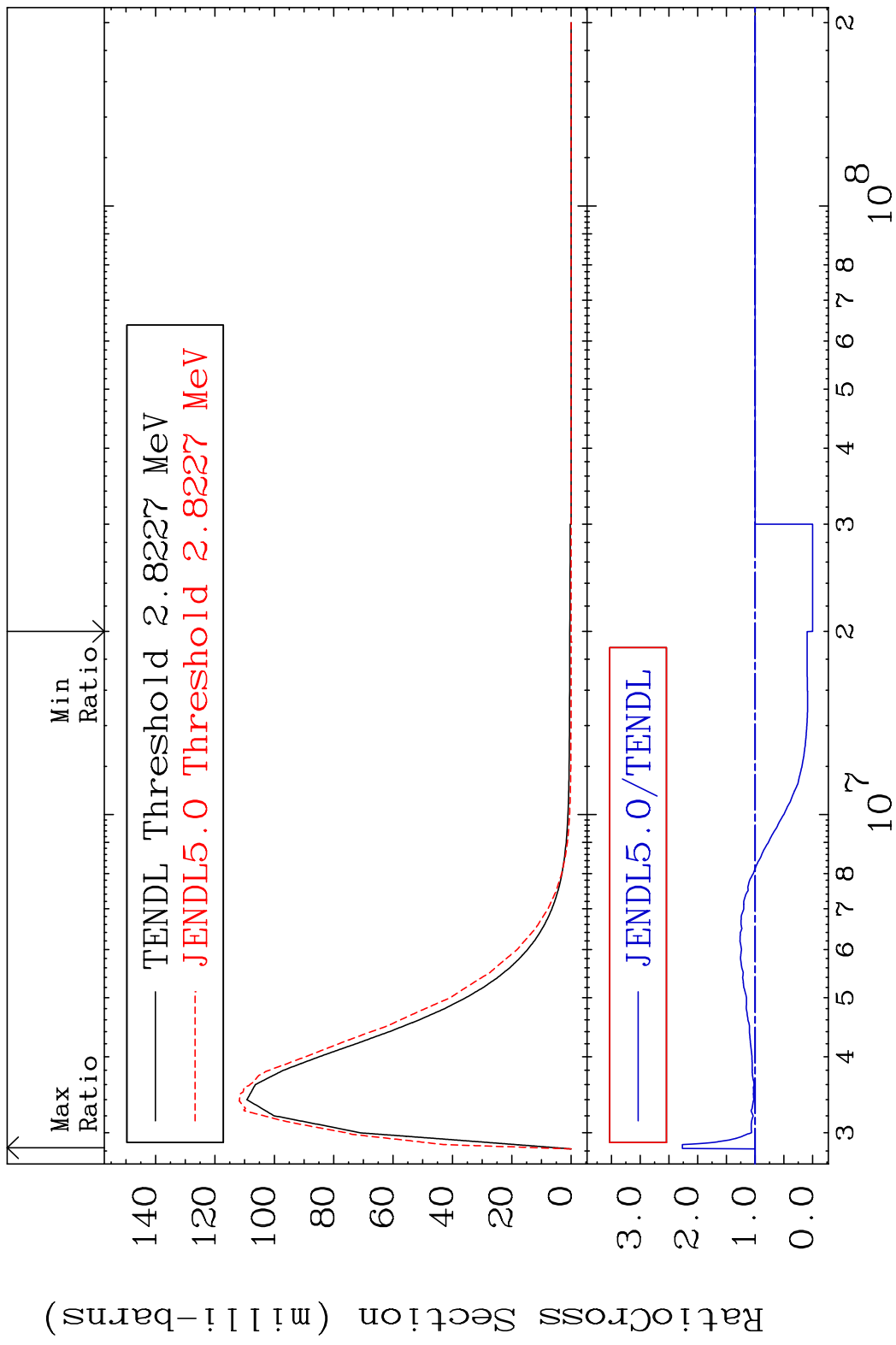
16 30-Zn-66

MAT 3031 MT= 57 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 138.9 %

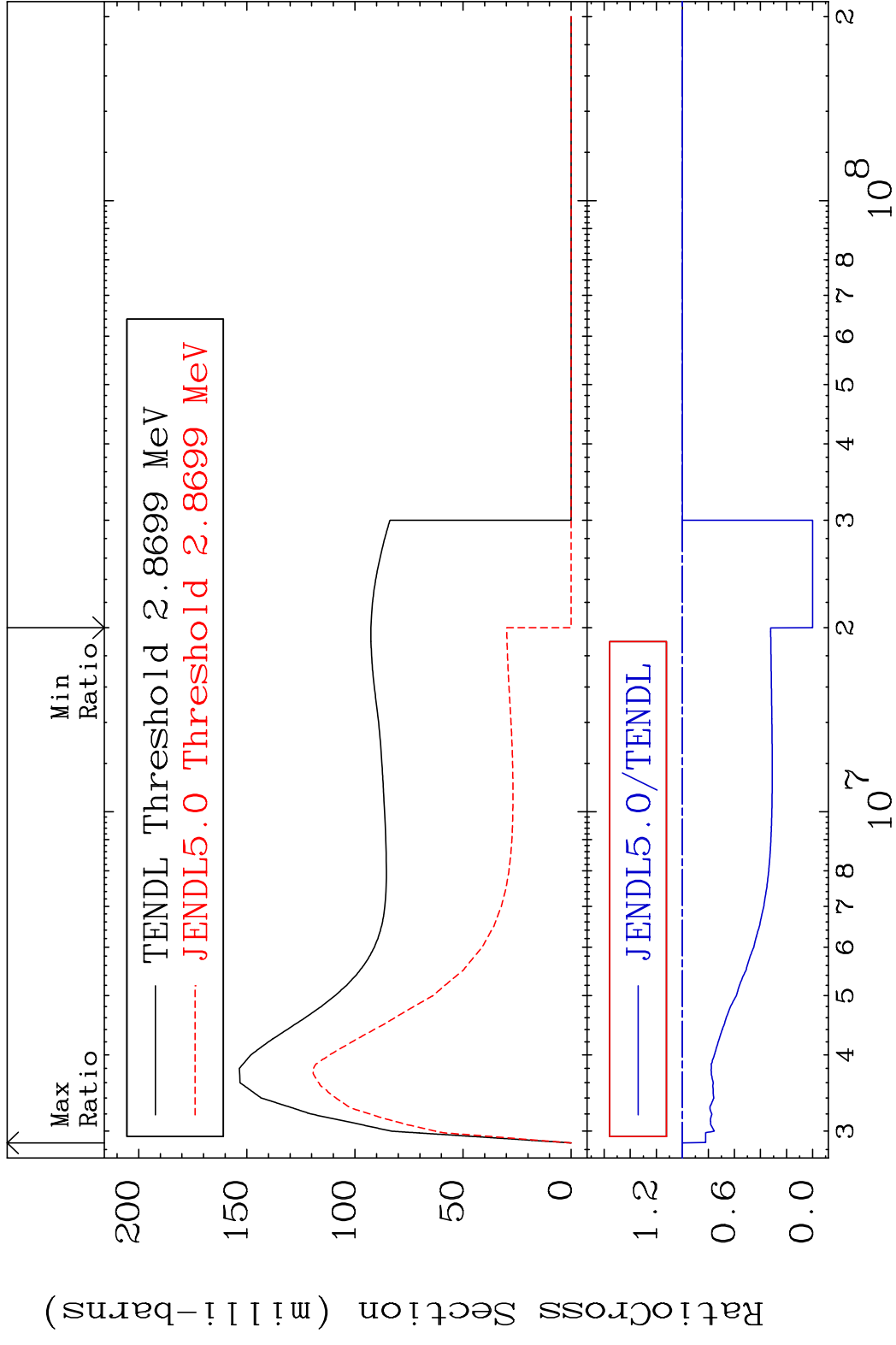


17 30-Zn-66

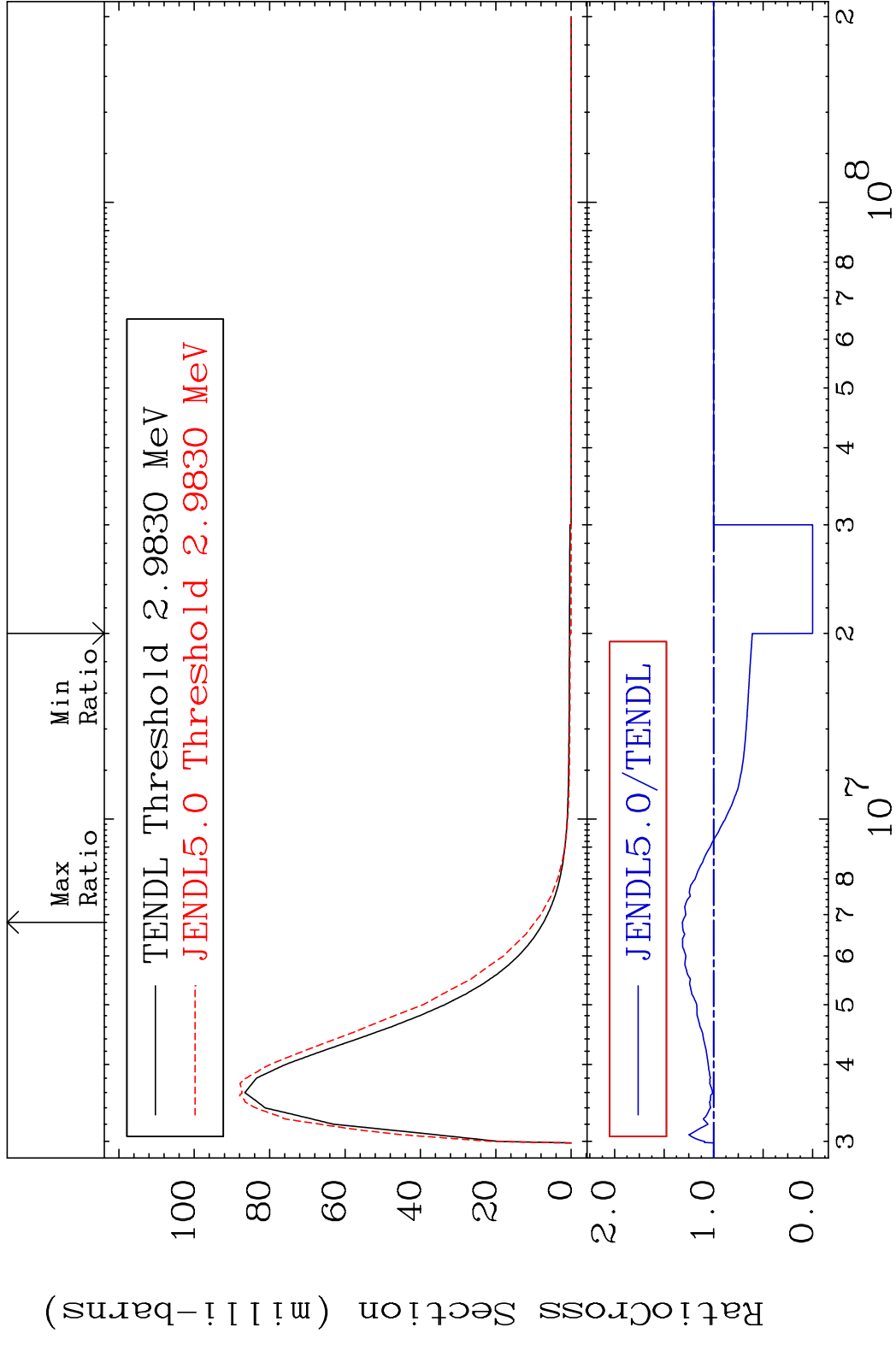
MAT 3031 MT= 58 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 126.7 %



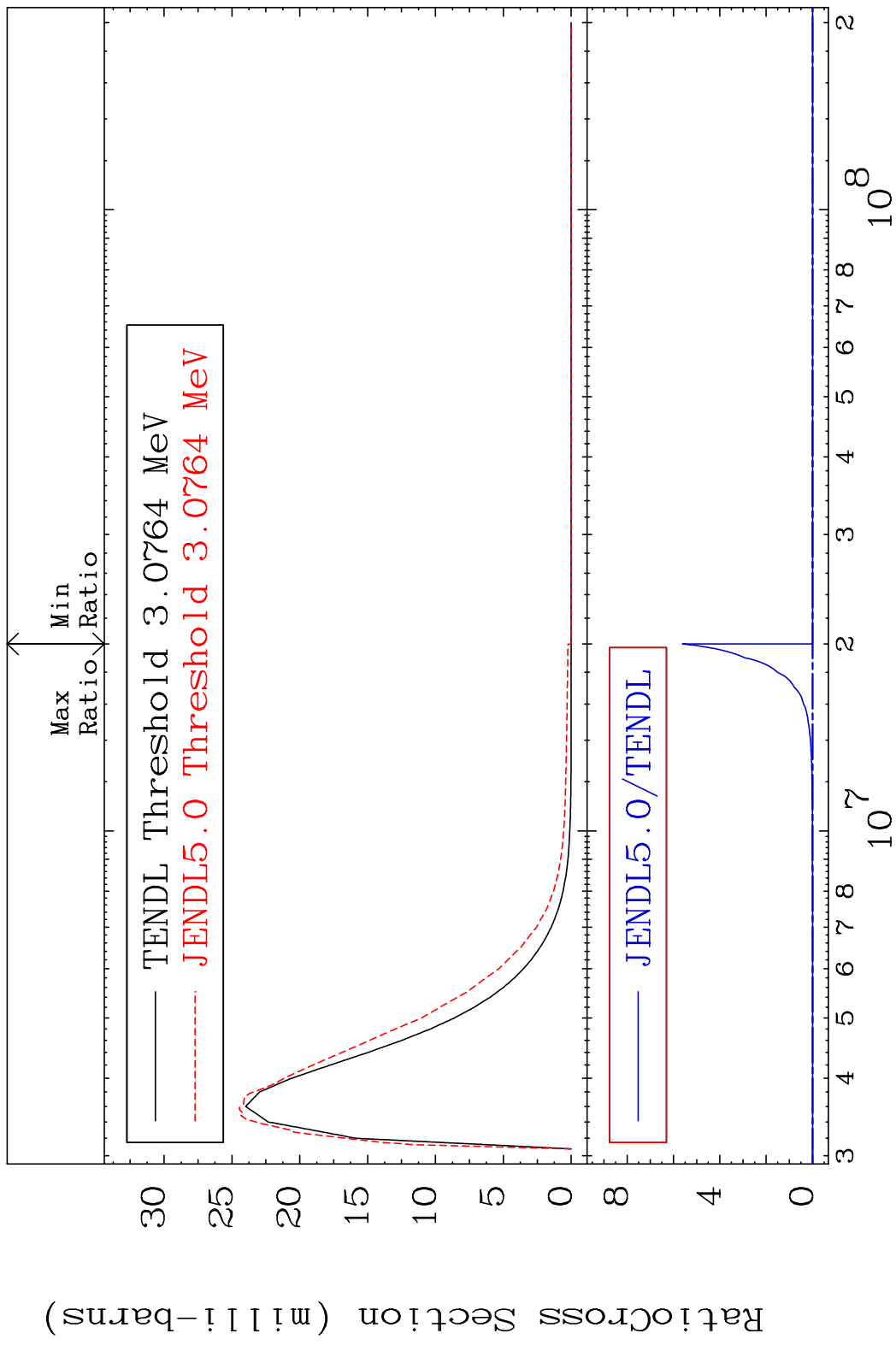
MAT 3031 MT= 59 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 0.000 %



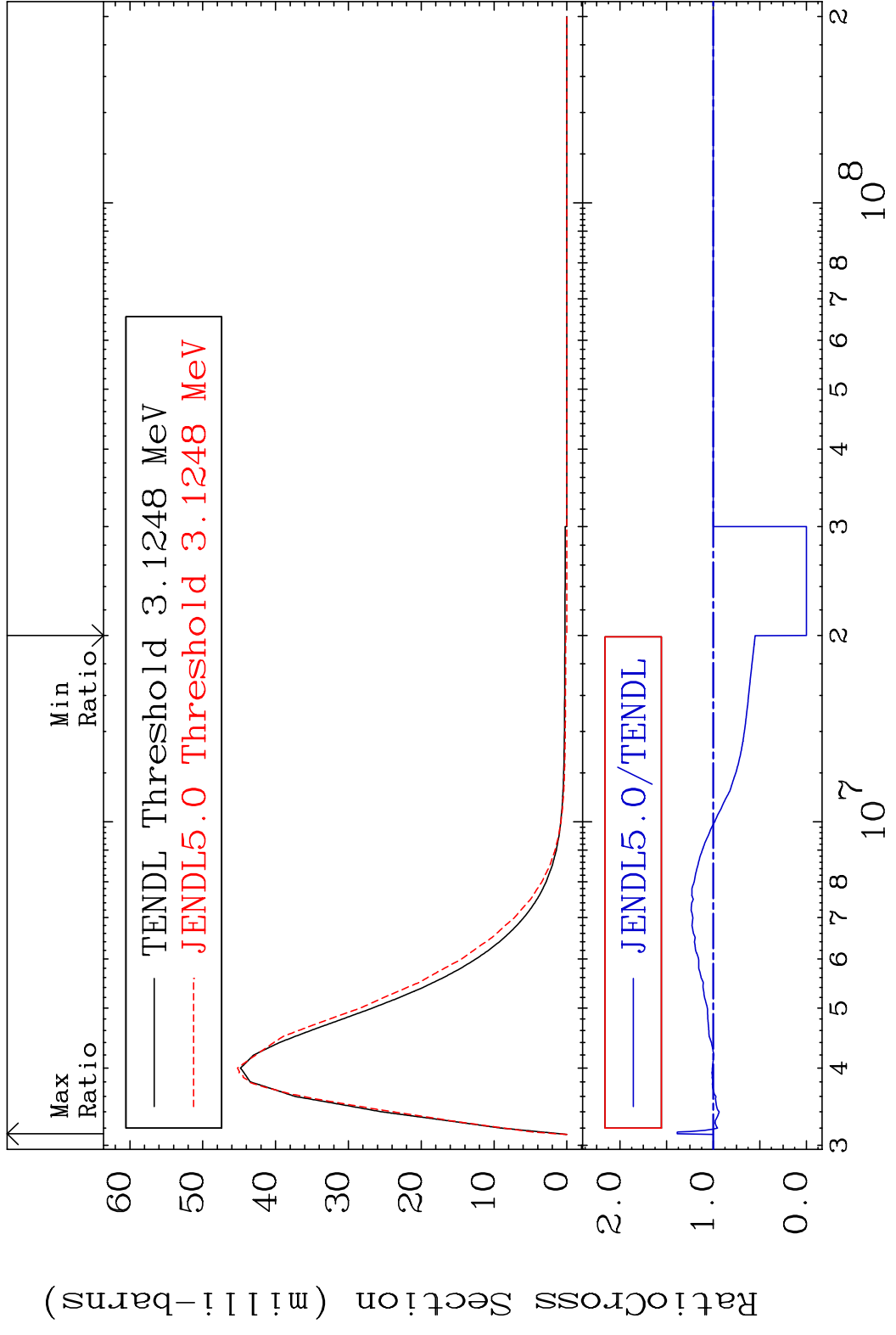
MAT 3031 MT= 60 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 31.57 %



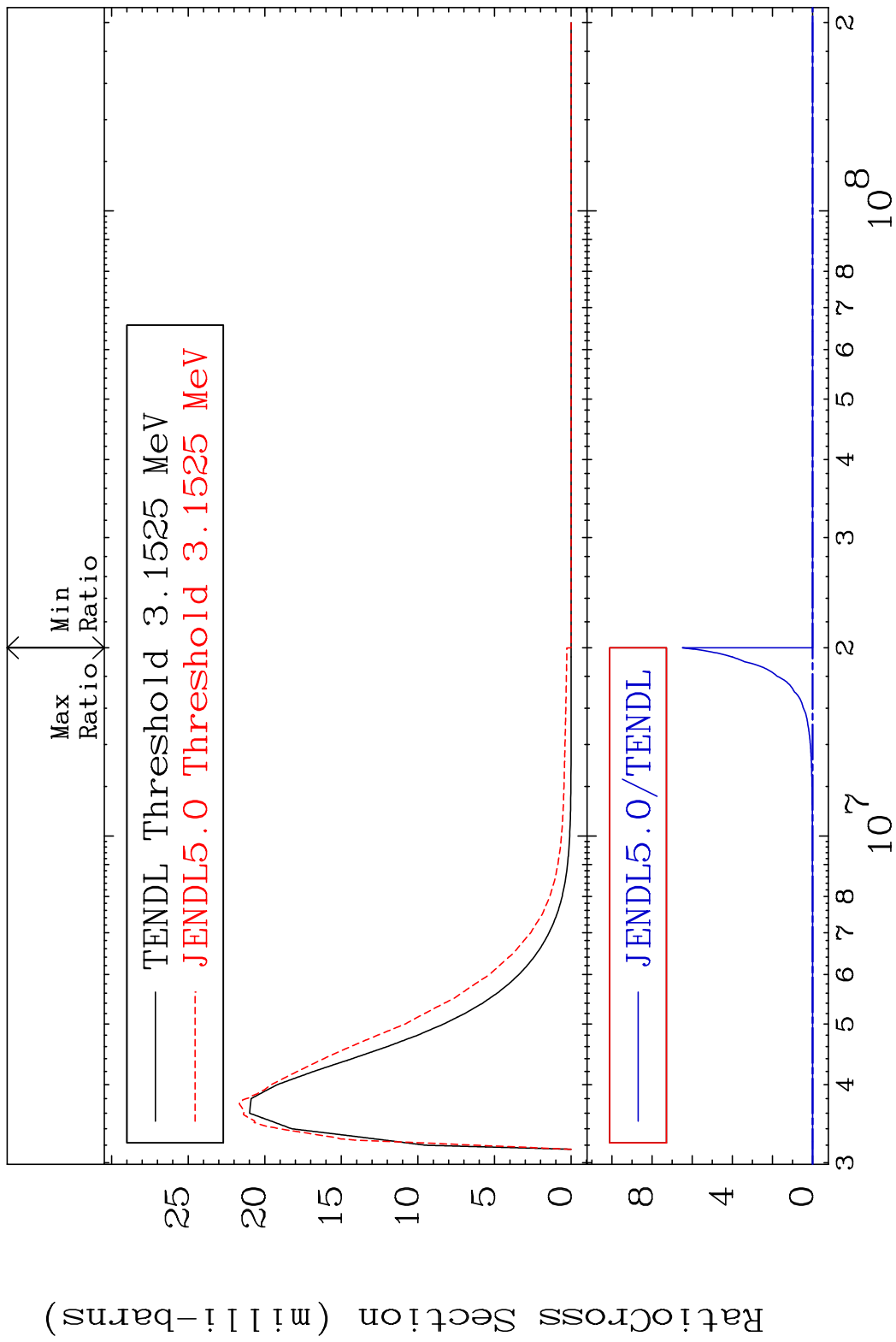
MAT 3031 MT= 61 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 9999. %



MAT 3031 MT= 62 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 38.67 %

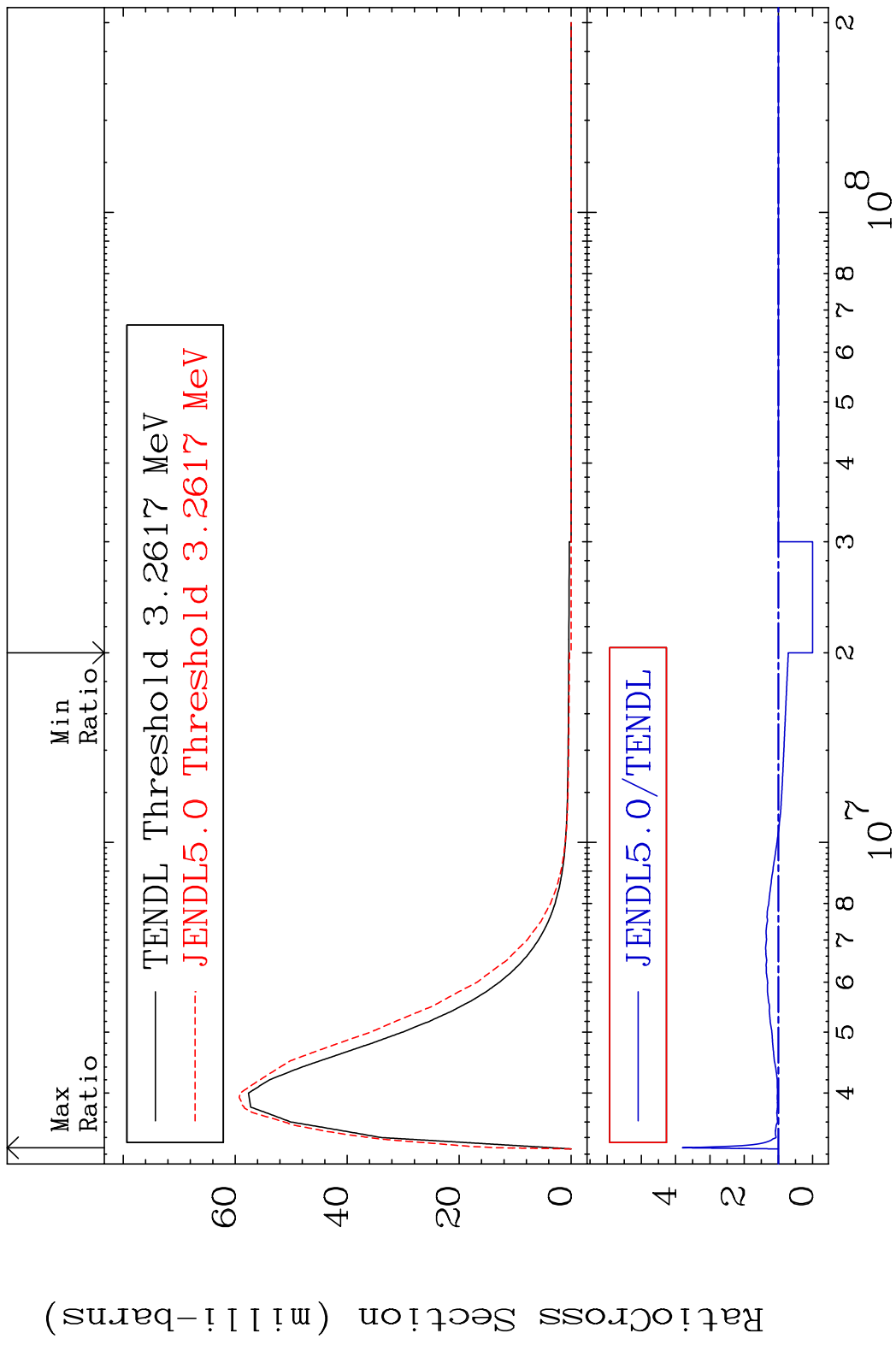


MAT 3031 MT= 63 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 9999. %

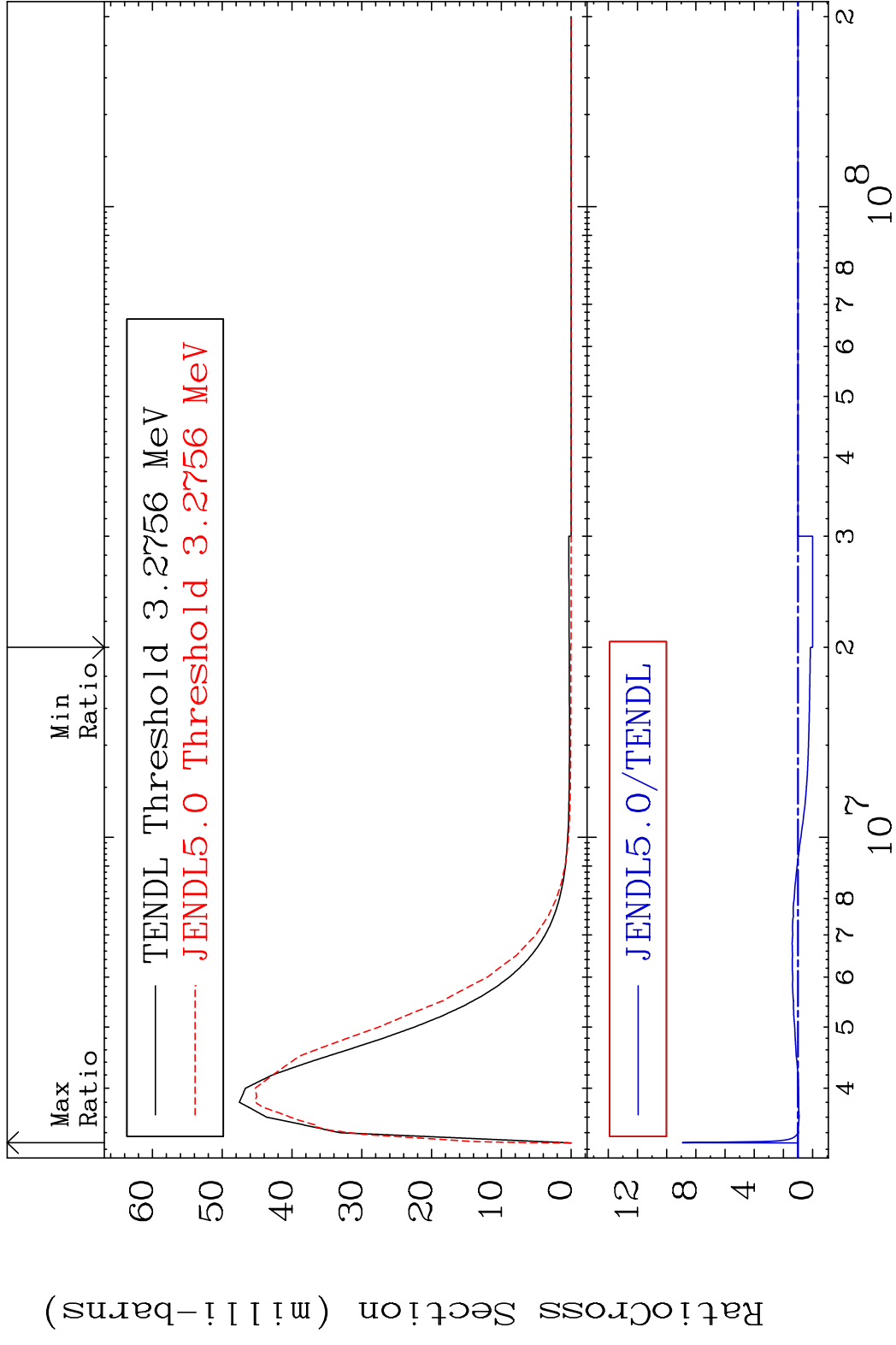


23 Incident Energy (eV) 30-Zn-66

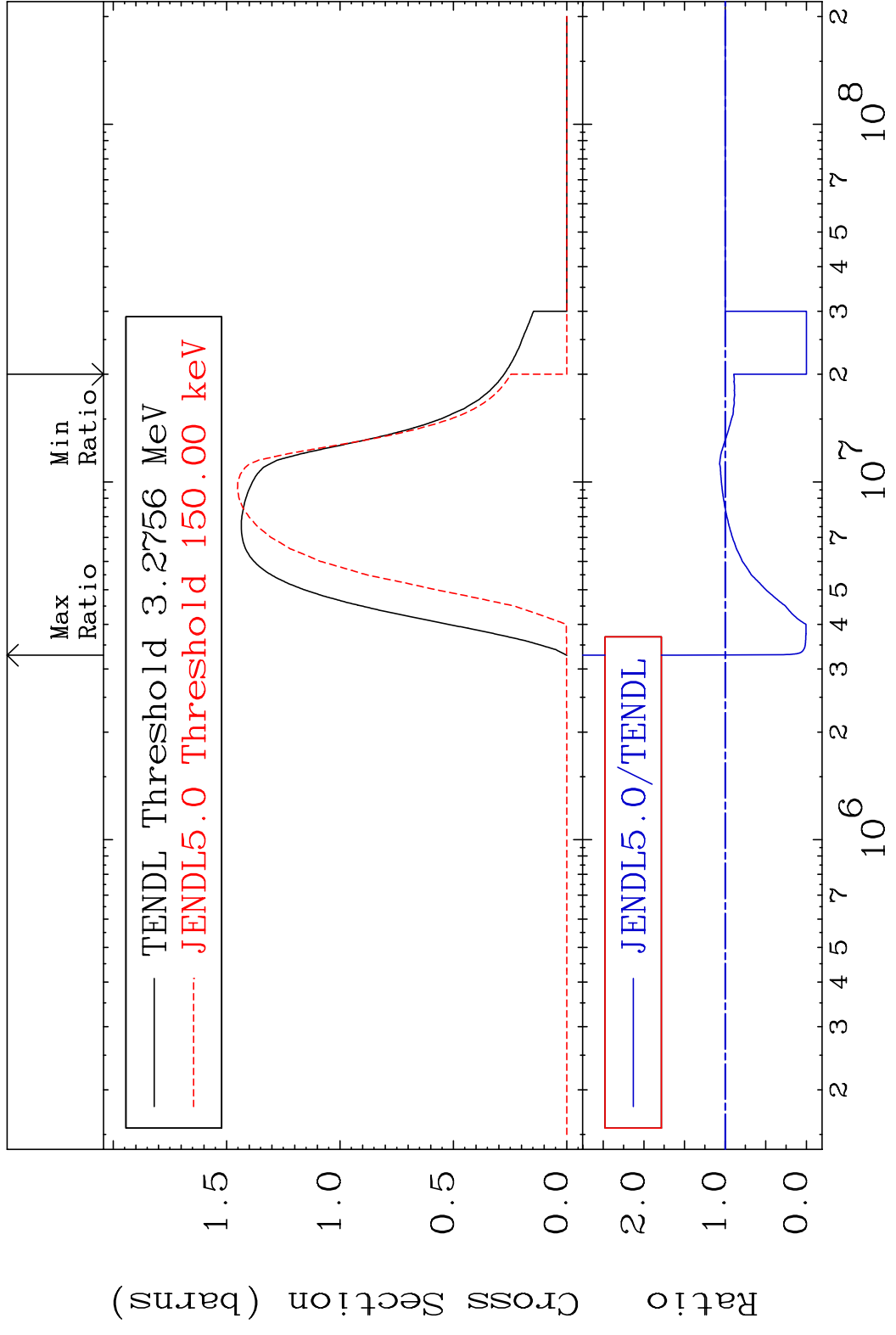
MAT 3031 MT= 64 (n, n') Level 30-Zn-66
 Cross Section -100.0 To 280.4 %



MAT 3031 MT= 65 (n,n') Level 30-Zn-66
 Cross Section -100.0 To 792.4 %



MAT 3031 (n,n') Continuum 30-Zn-66
 Cross Section -100.0 To 59.00 %

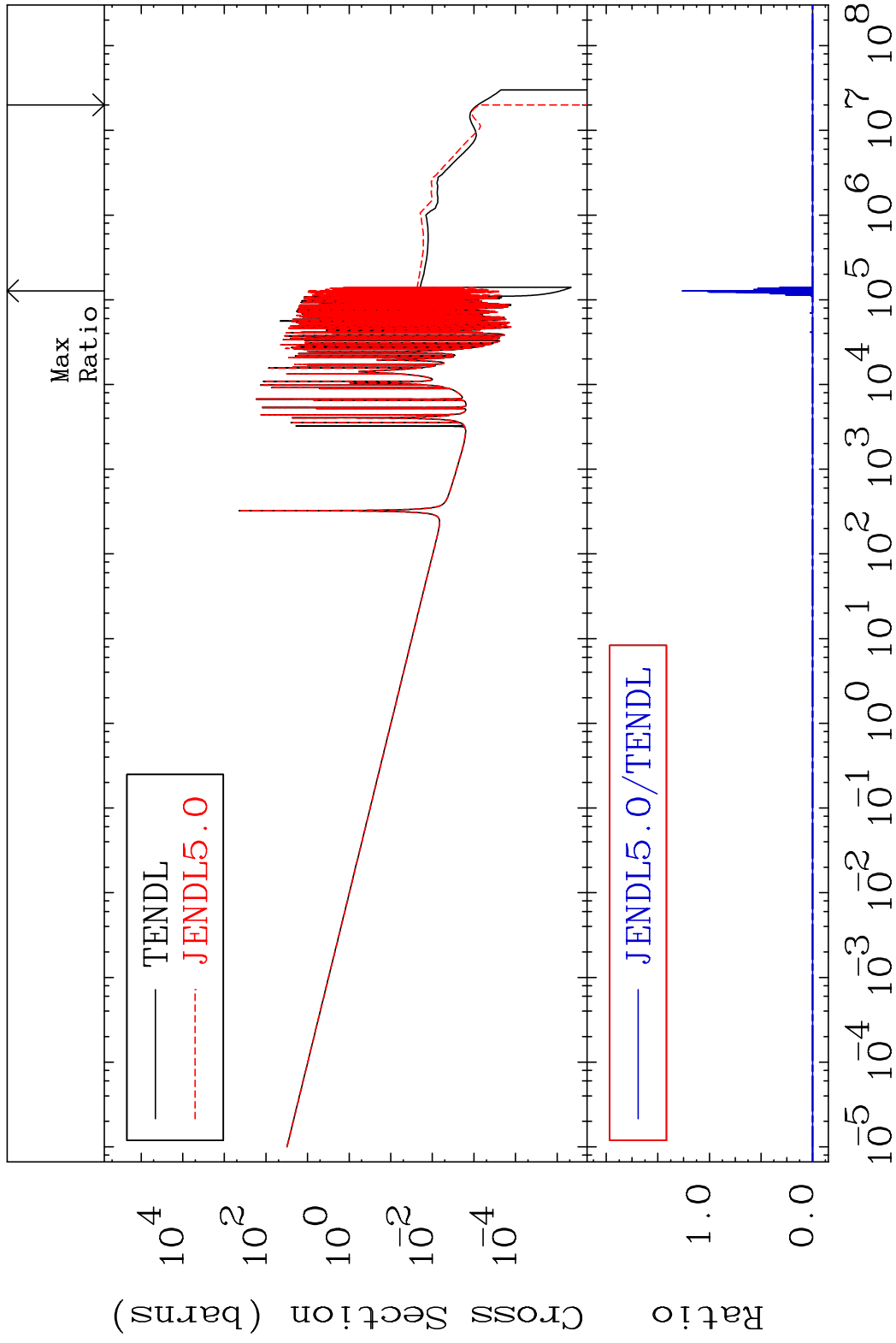


MAT 3031

(n, γ)

30-Zn-66

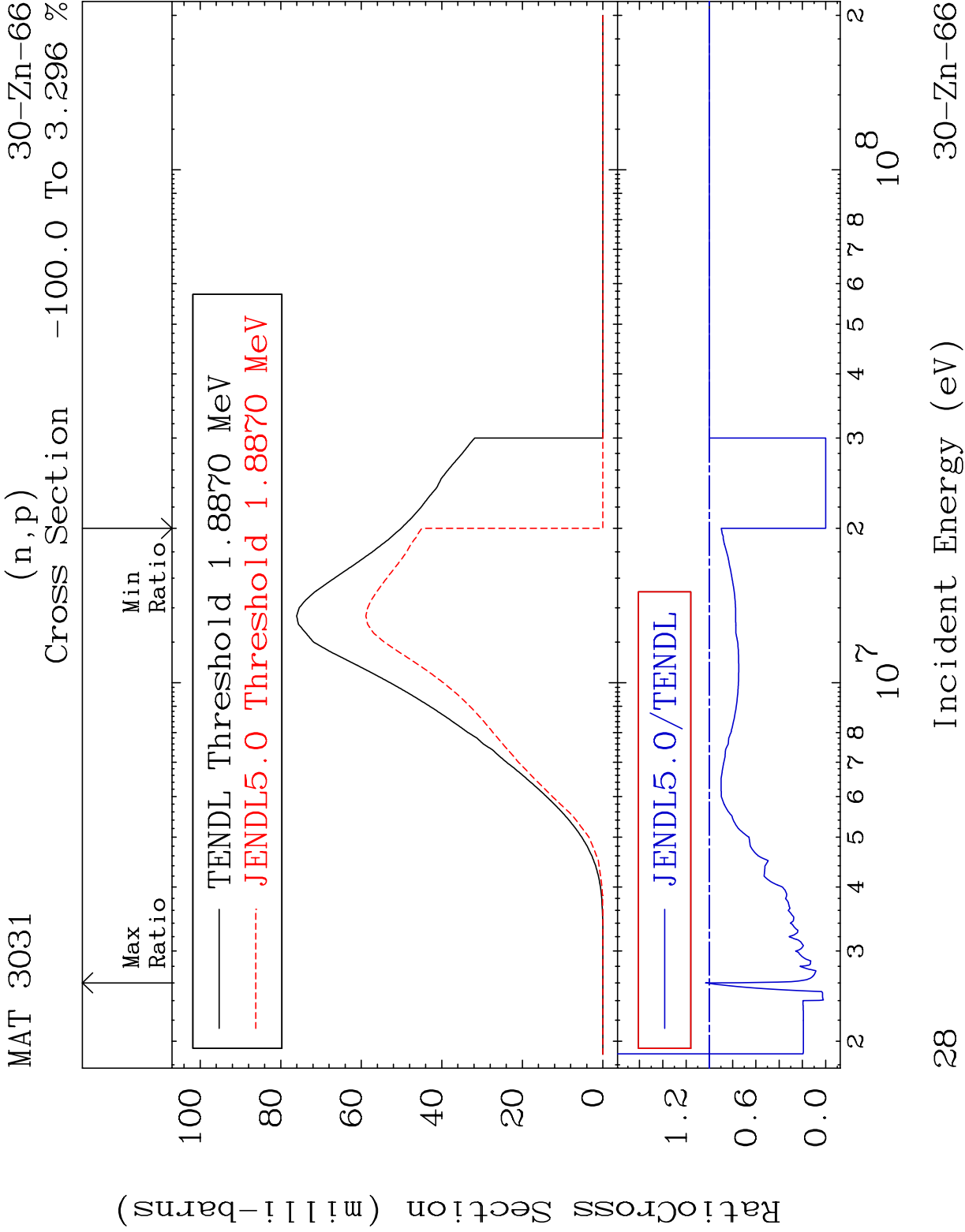
Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

30-Zn-66

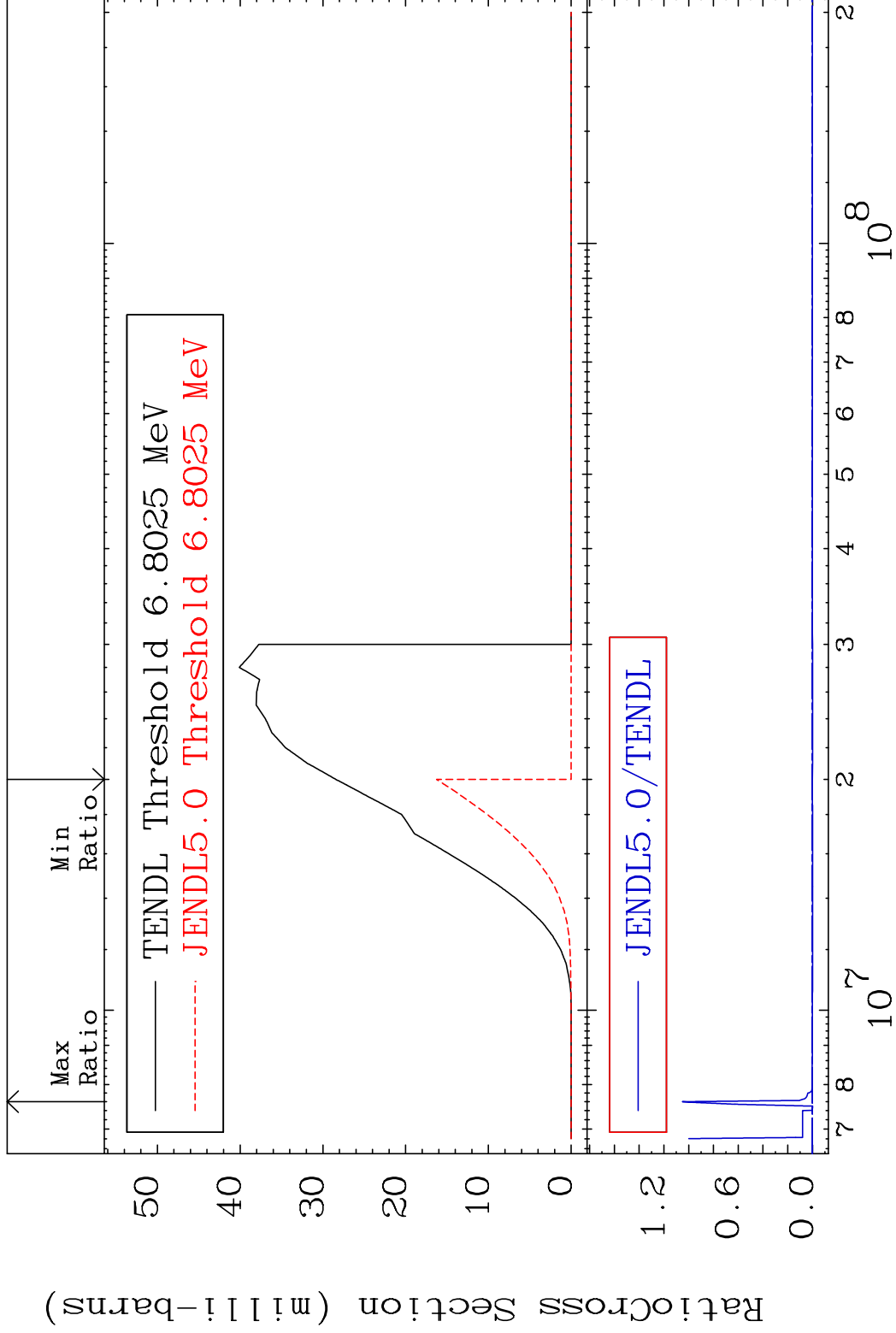


MAT 3031

(n,d)

30-Zn-66

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

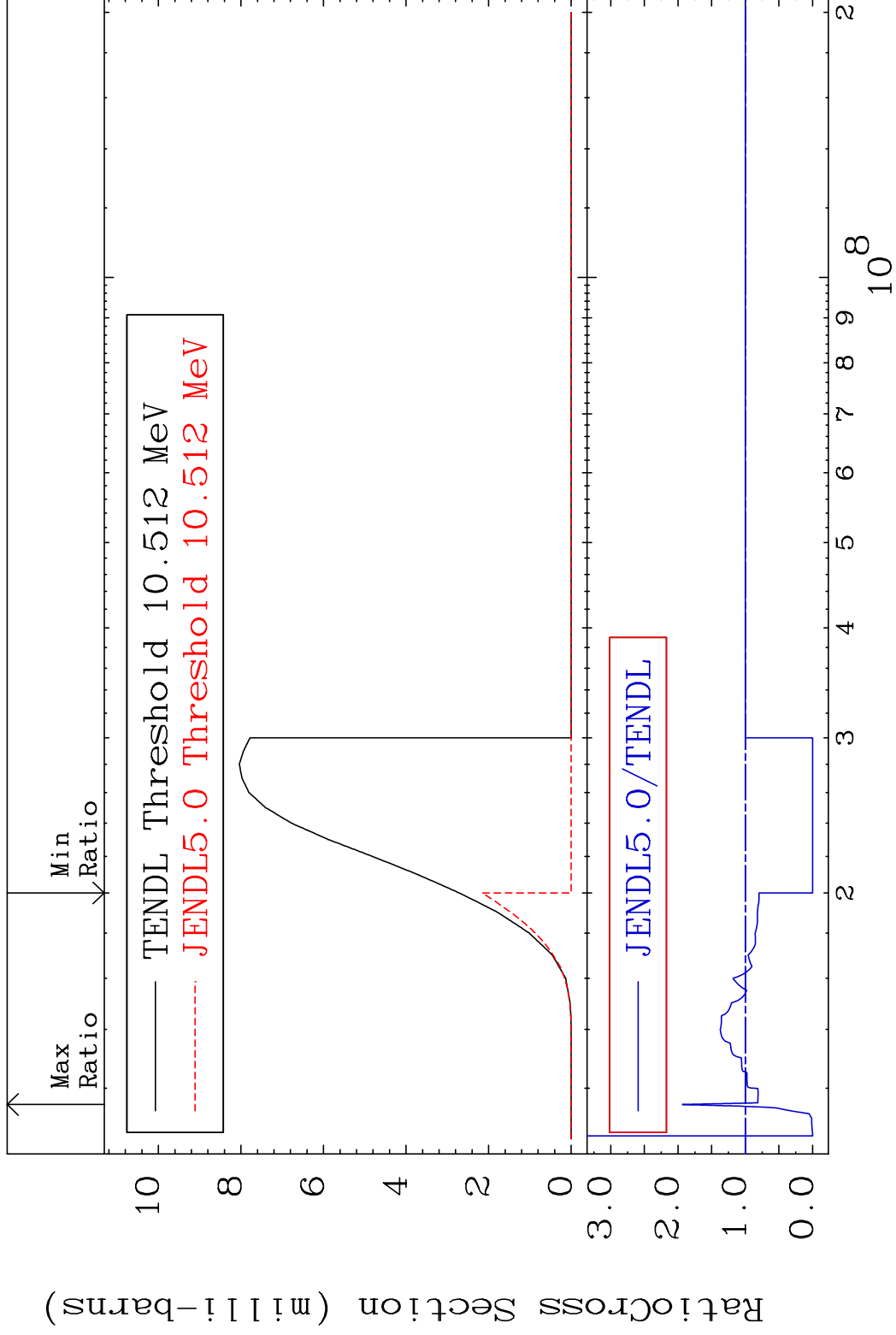
30-Zn-66

MAT 3031

(n, t)

30-Zn-66

Cross Section -100.0 To 93.55 %

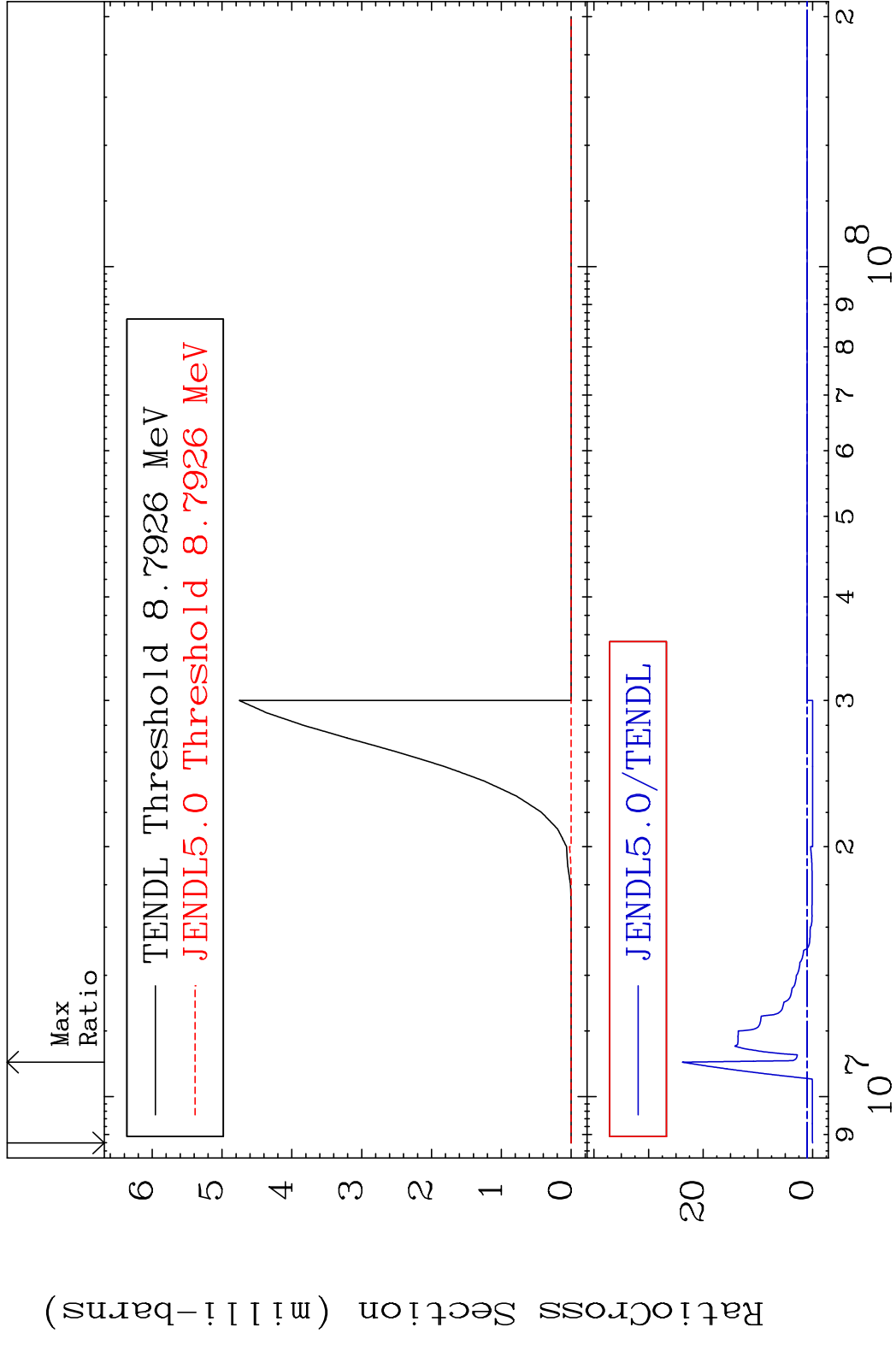


30

Incident Energy (eV)

30-Zn-66

MAT 3031 (n, He-3) 30-Zn-66
 Cross Section -100.0 To 2282. %



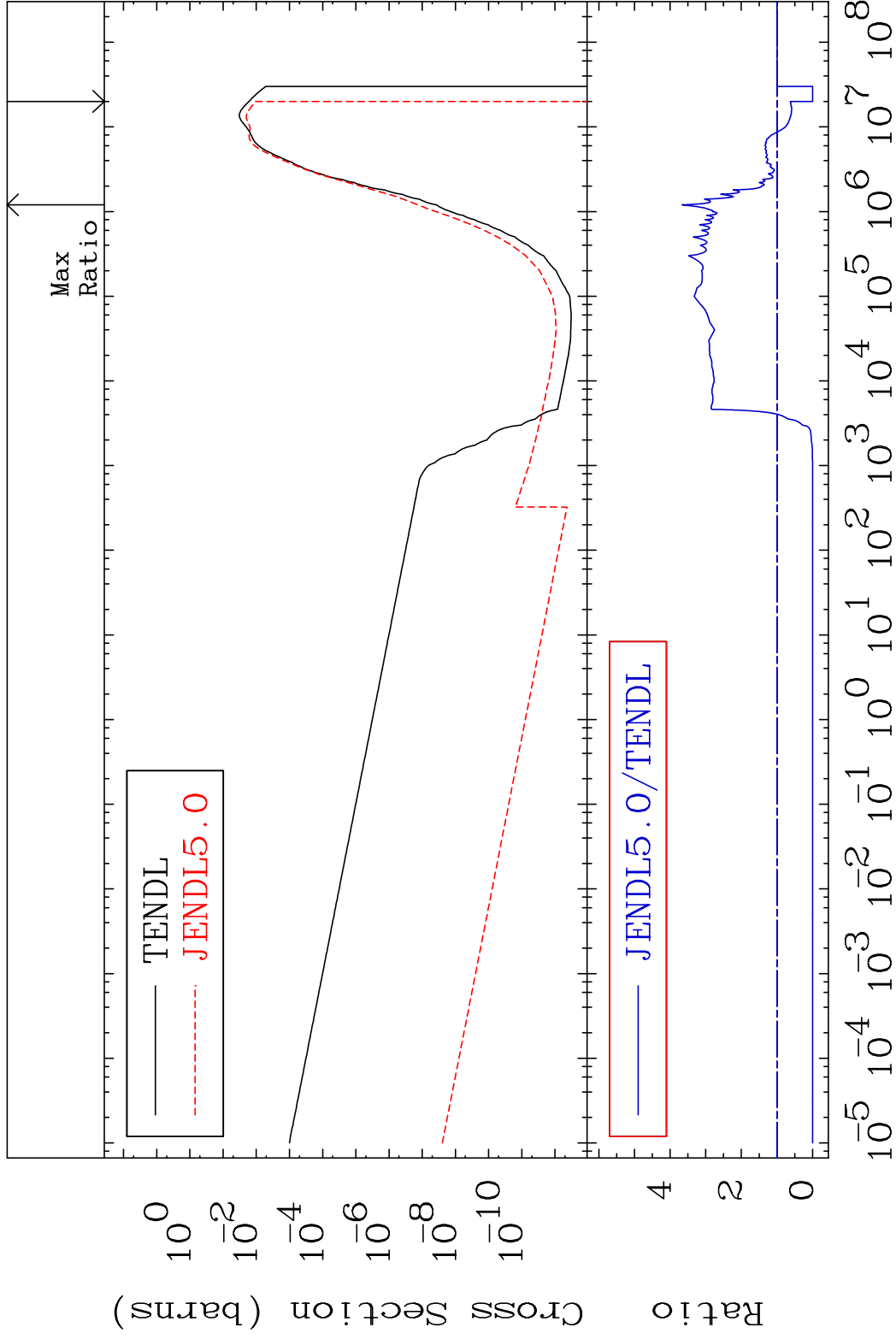
31 Incident Energy (eV) 30-Zn-66

MAT 3031

(n, α)

30-Zn-66

Cross Section -100.0 To 265.6 %



32

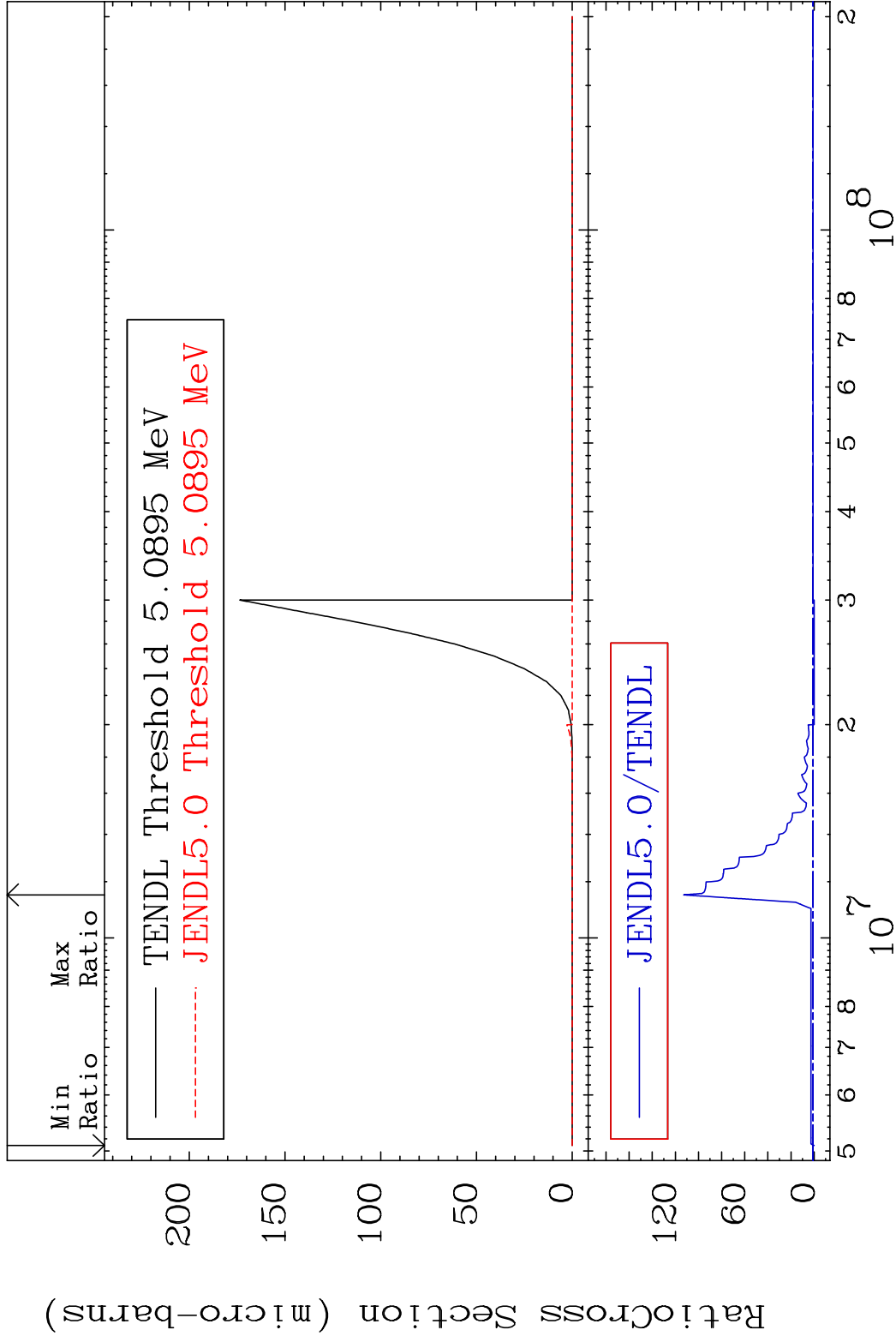
Incident Energy (eV)

30-Zn-66

MAT 3031

(n,2α) 30-Zn-66

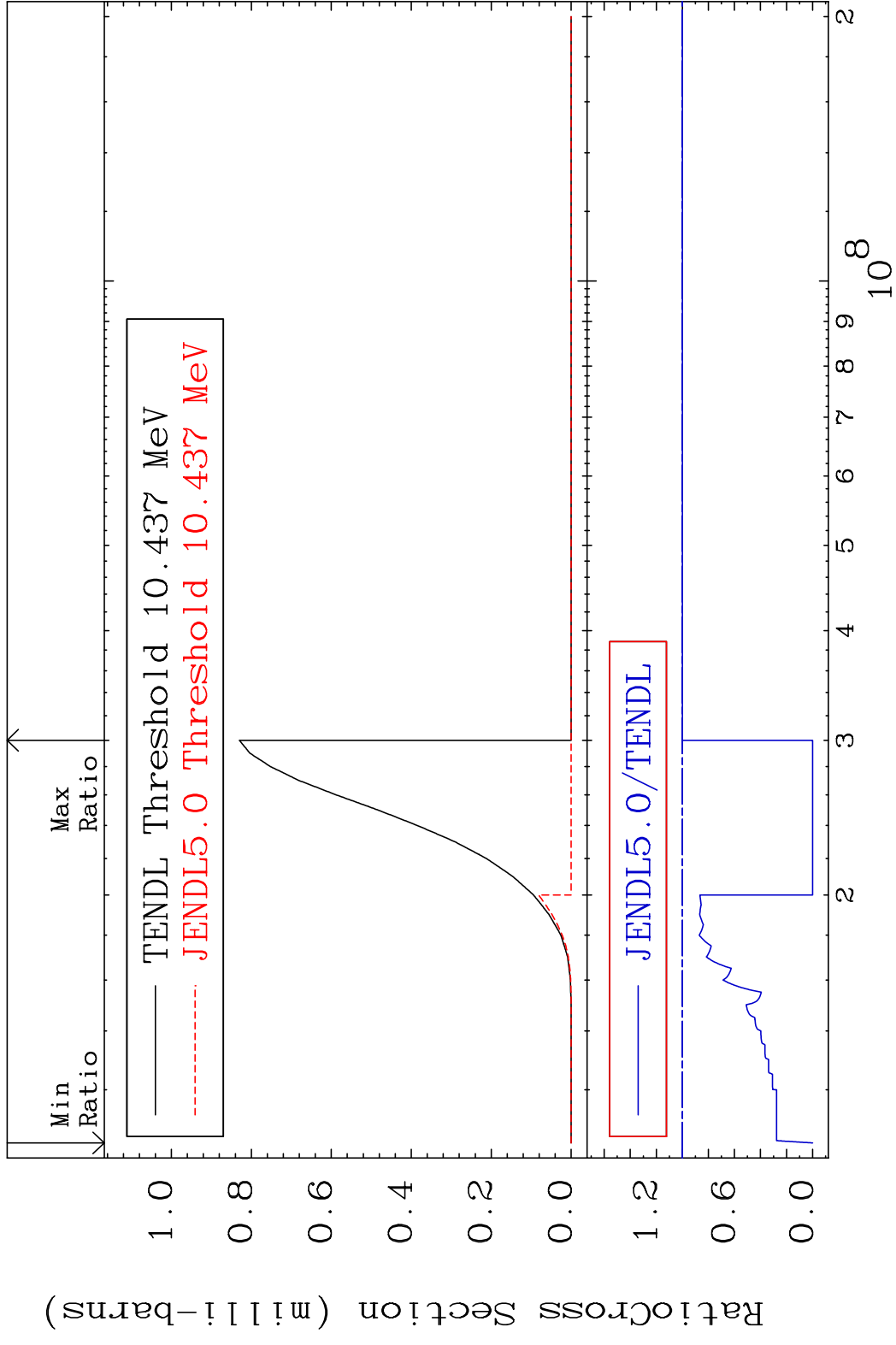
Cross Section -100.0 To 9999. %



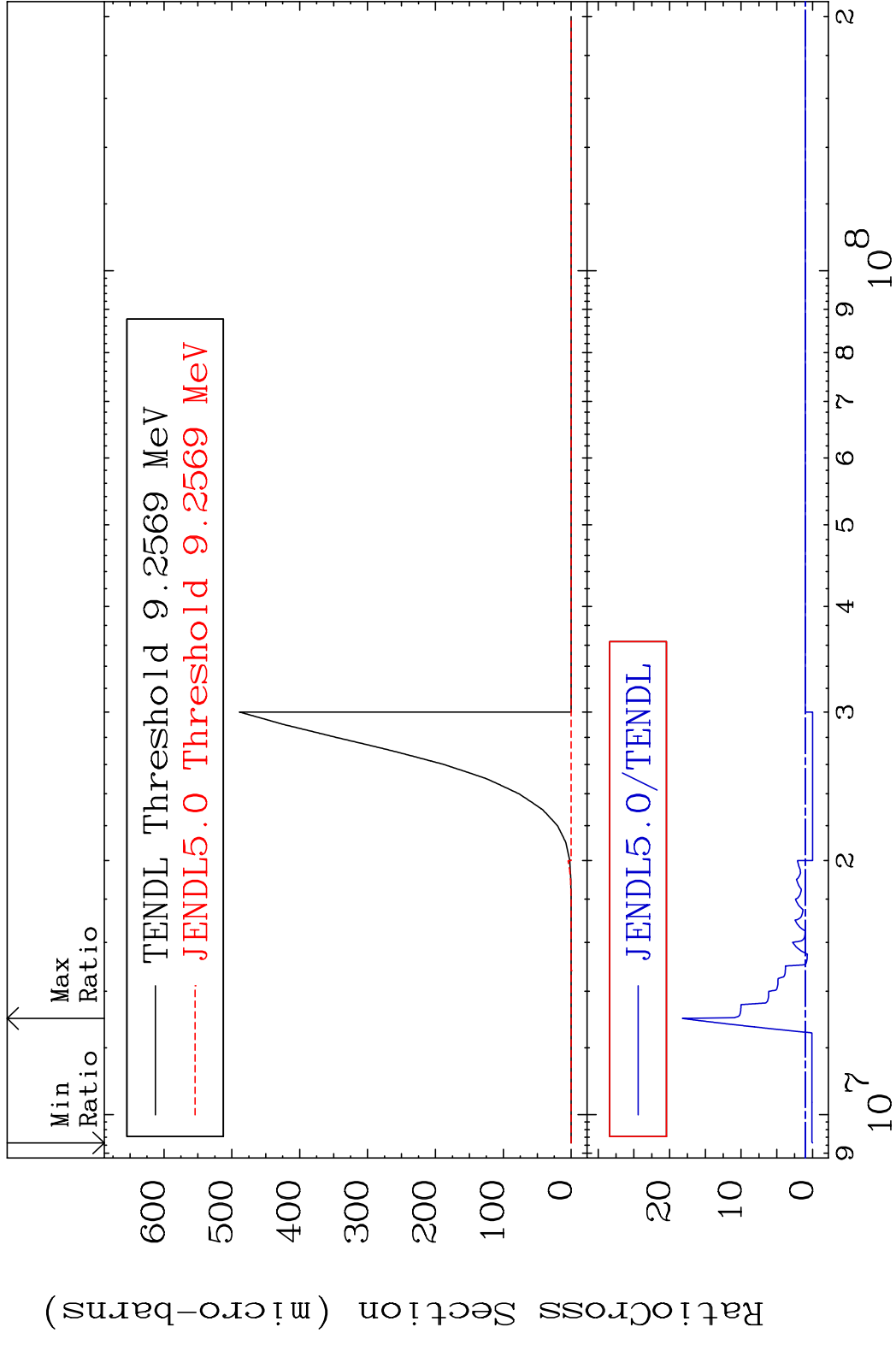
33

Incident Energy (eV) 30-Zn-66

MAT 3031 (n,2p) 30-Zn-66
 Cross Section -100.0 To 0.000 %

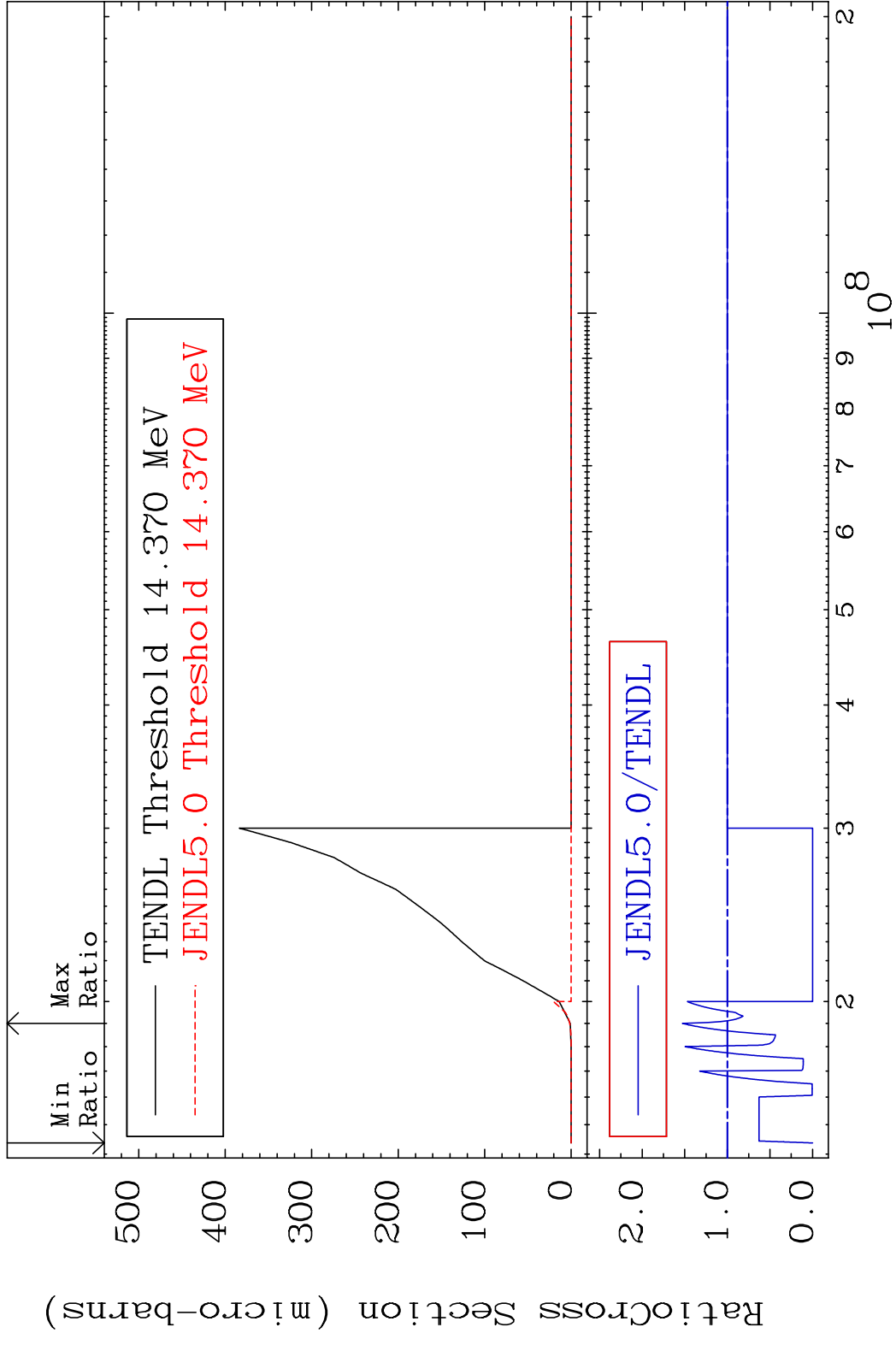


MAT 3031 (n,p) α 30-Zn-66
 Cross Section -100.0 To 1722. %

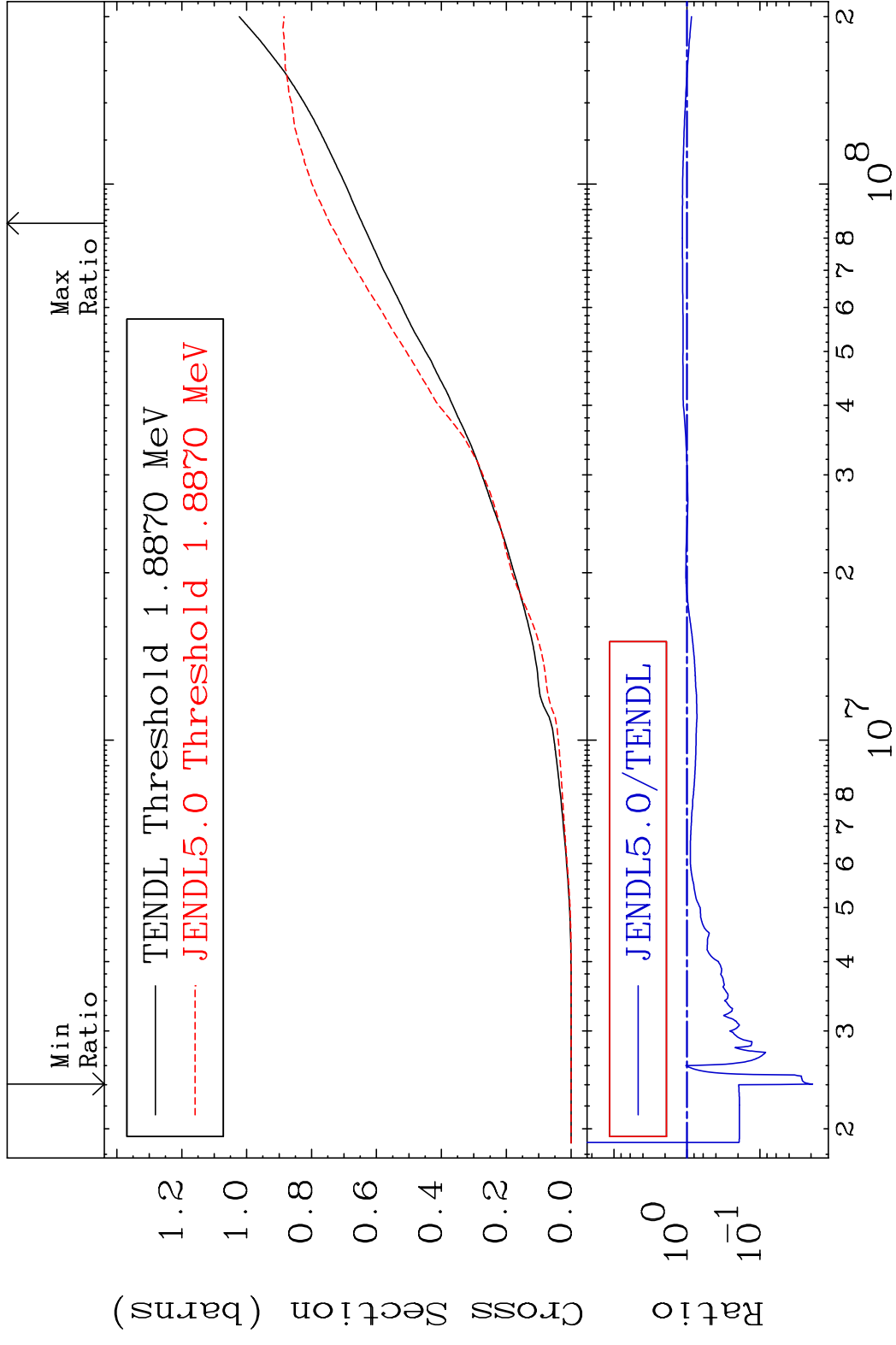


35 30-Zn-66

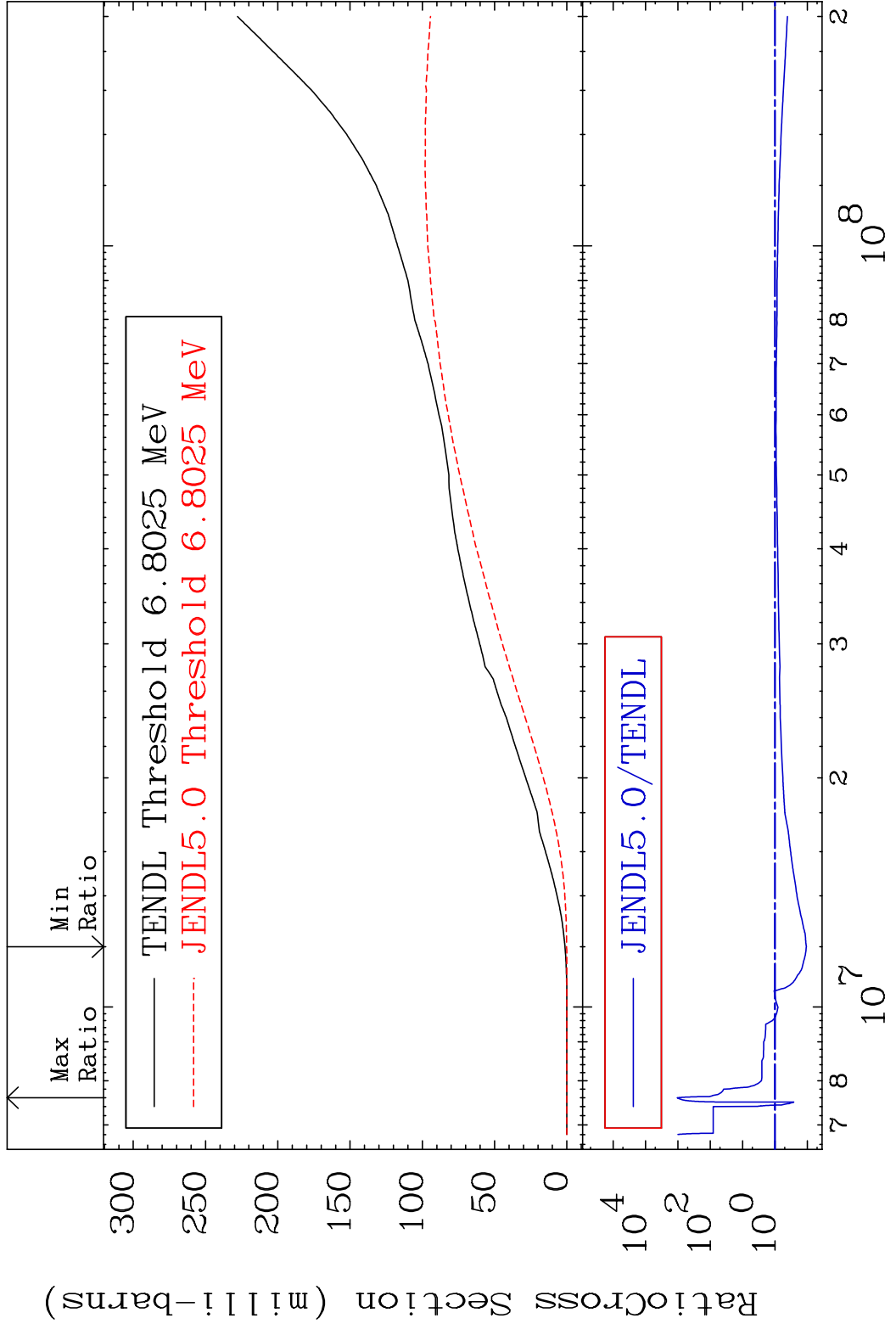
MAT 3031 (n,p) d 30-Zn-66
 Cross Section -100.0 To 52.85 %



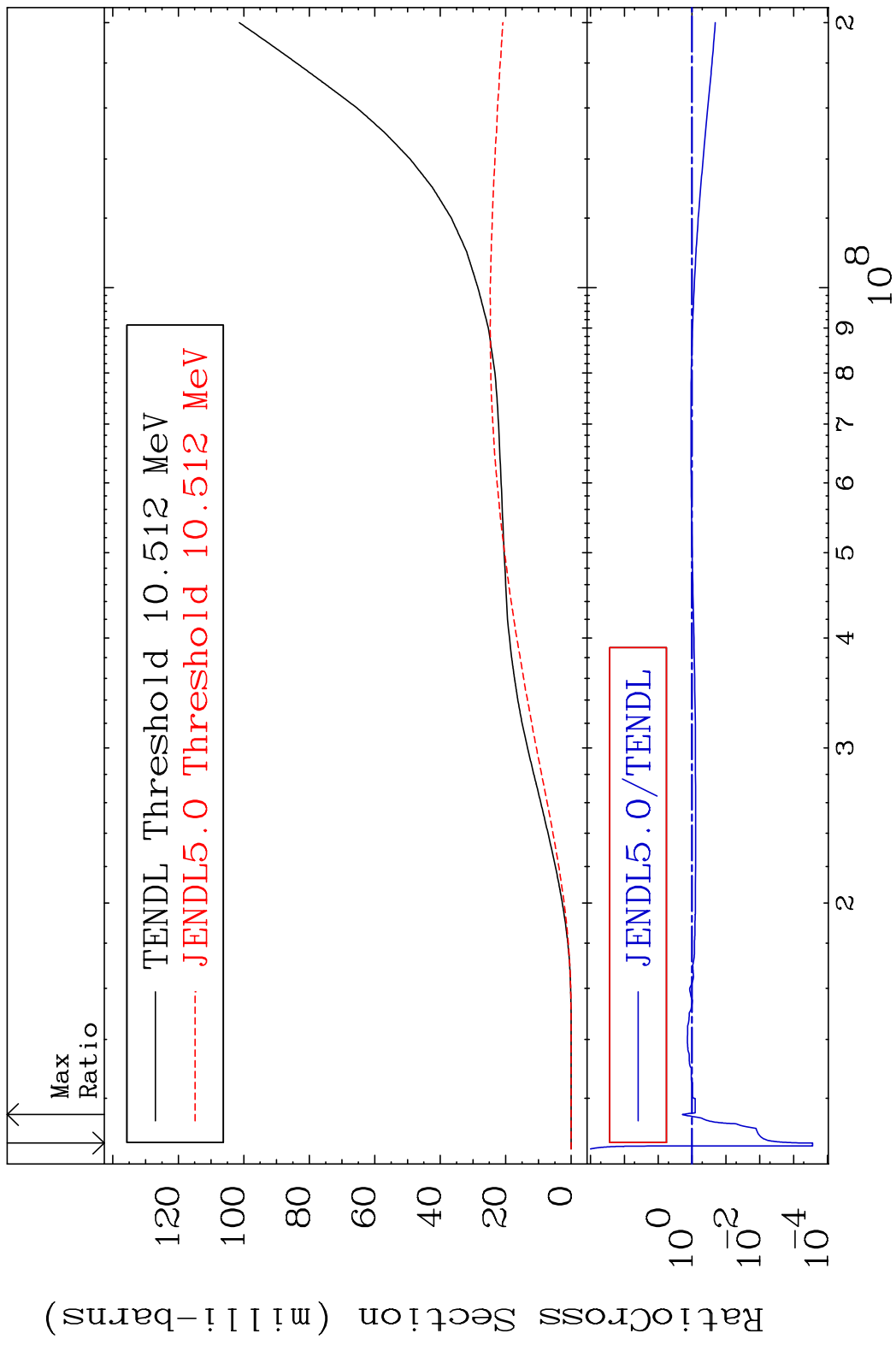
MAT 3031 Hydrogen Production 30-Zn-66
 Cross Section -98.09 To 15.59 %



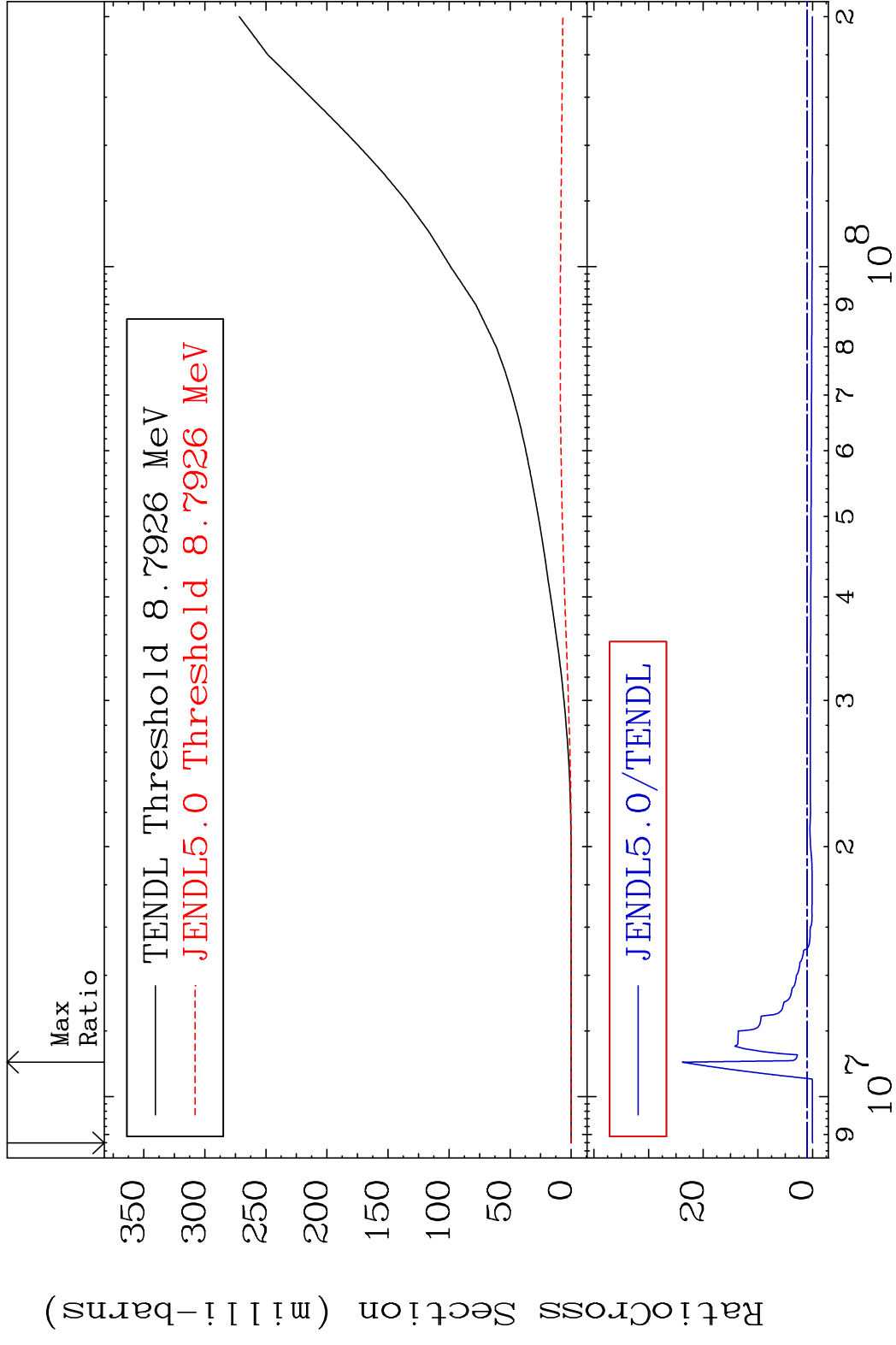
MAT 3031 Deuterium Production 30-Zn-66
 Cross Section -89.31 To 9999. %



MAT 3031 Tritium Production 30-Zn-66
 Cross Section -99.97 To 93.55 %



MAT 3031 He-3 Production 30-Zn-66
 Cross Section -100.0 To 2282. %



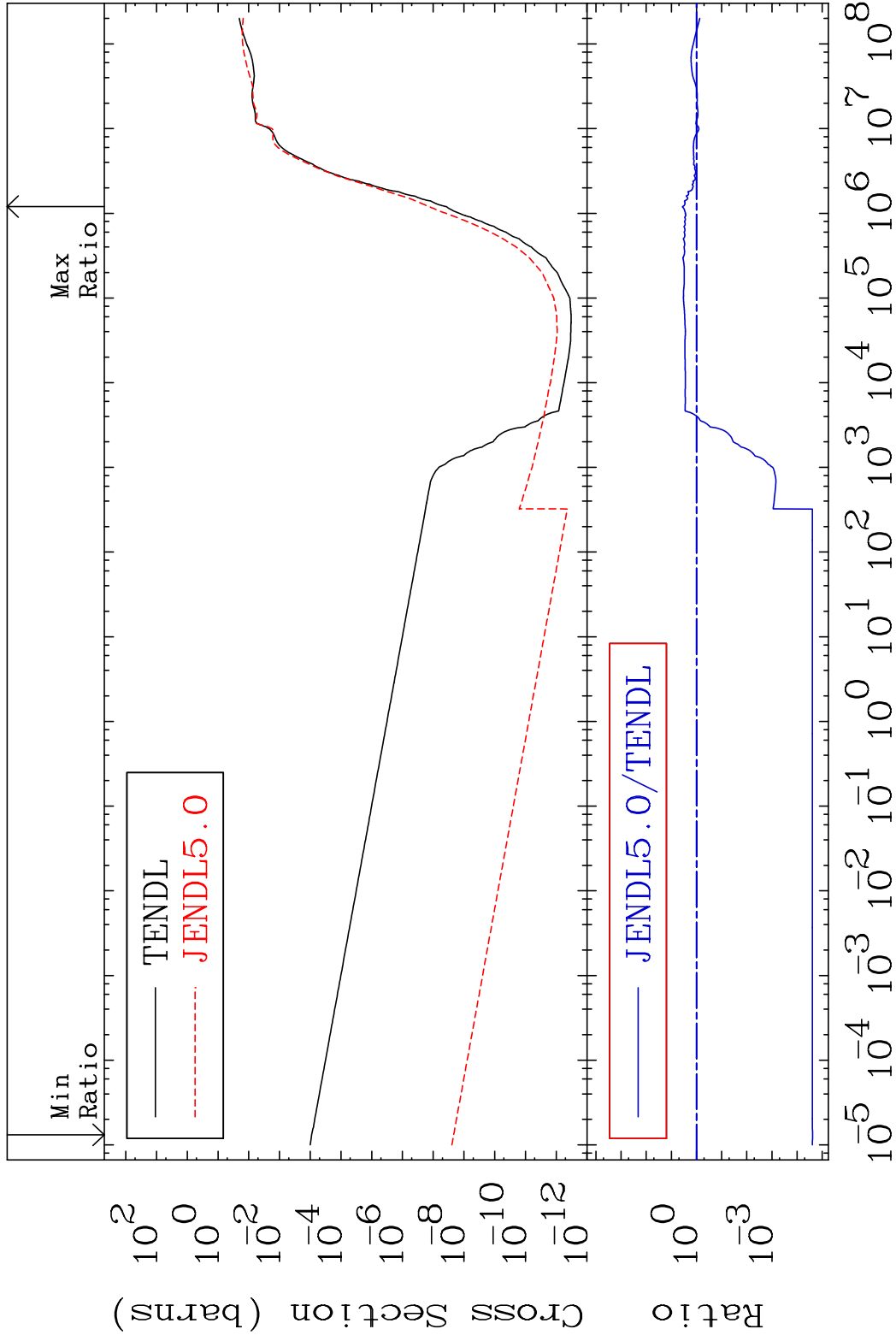
40 Incident Energy (eV) 30-Zn-66

MAT 3031

He-4 Production

30-Zn-66

Cross Section -100.0 To 265.6 %

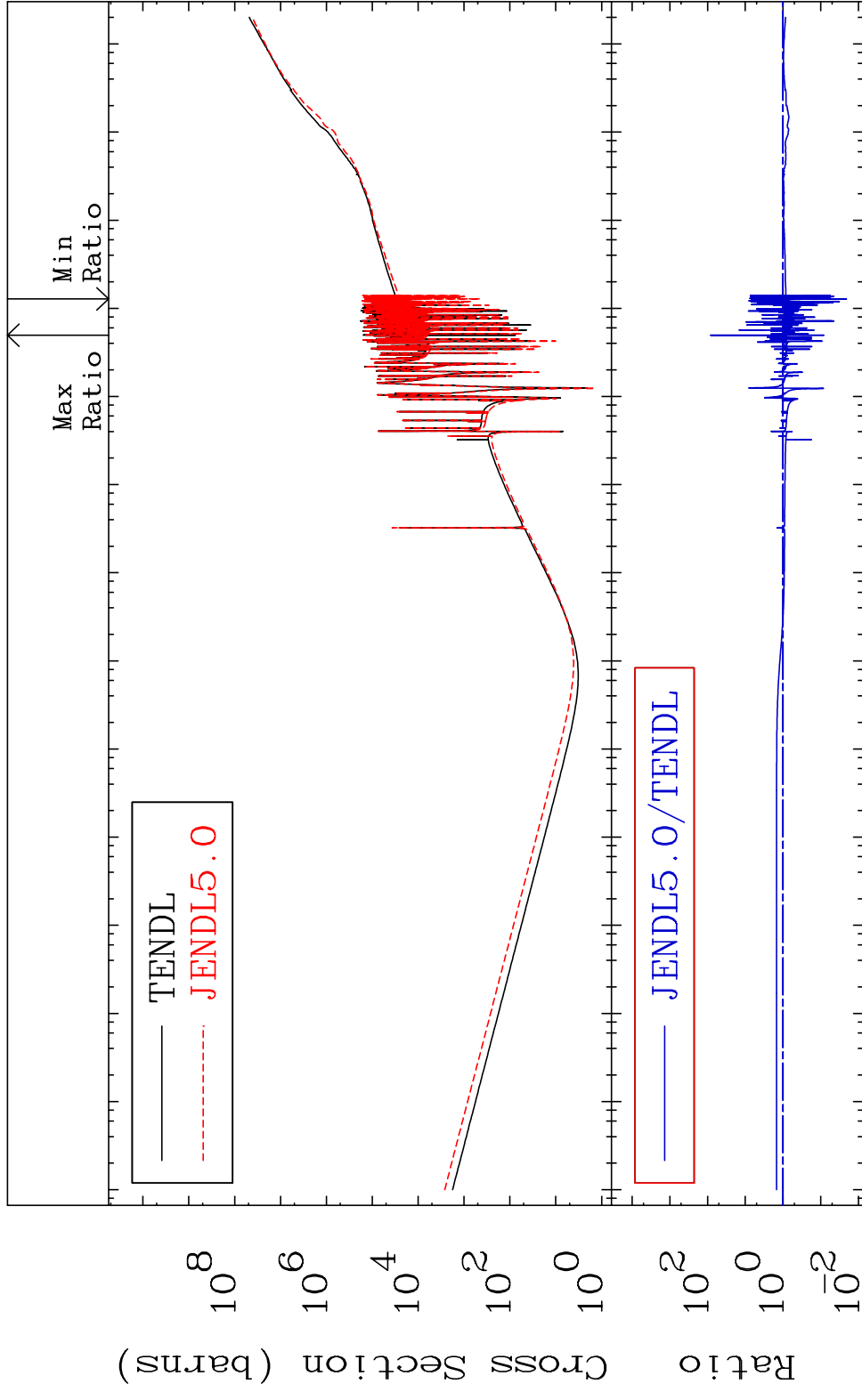


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Incident Energy (eV)

30-Zn-66

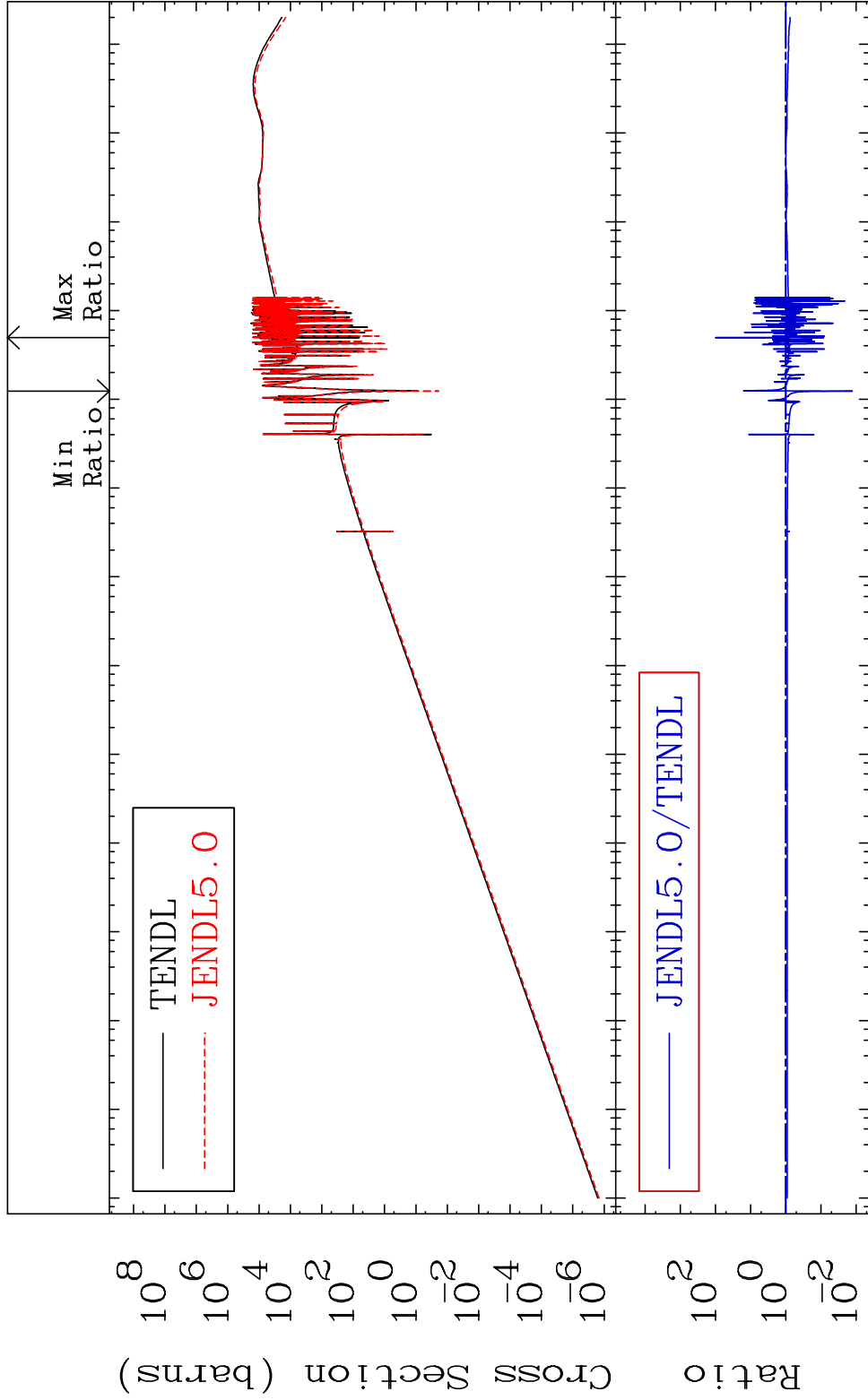
MAT 3031 Kerma total (eV-barns) 30-Zn-66
 Cross Section -97.90 To 8143. %



MAT 3031

Kerma elastic
Cross Section

30-Zn-66
-98.72 To 9699. %

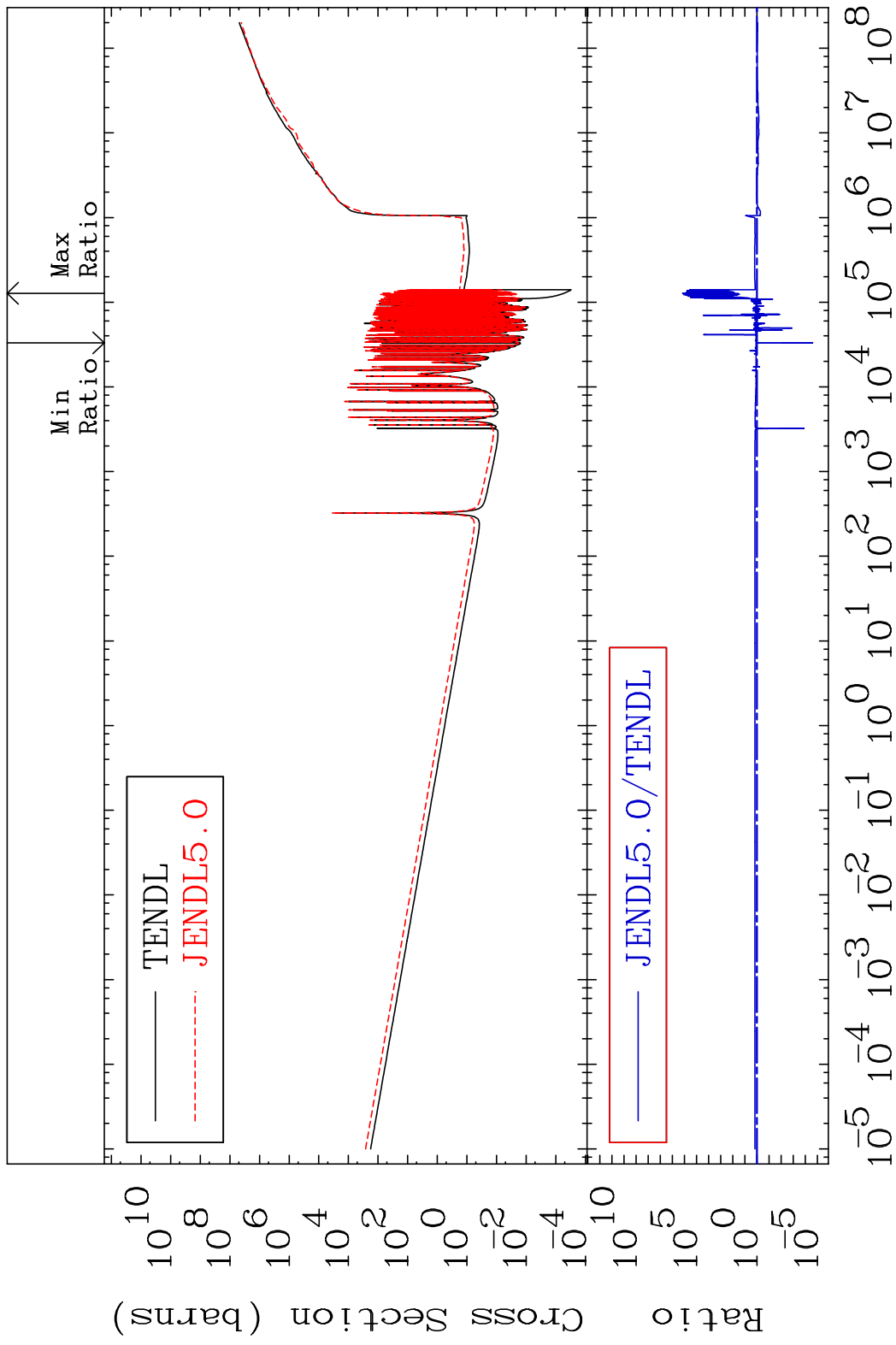


43

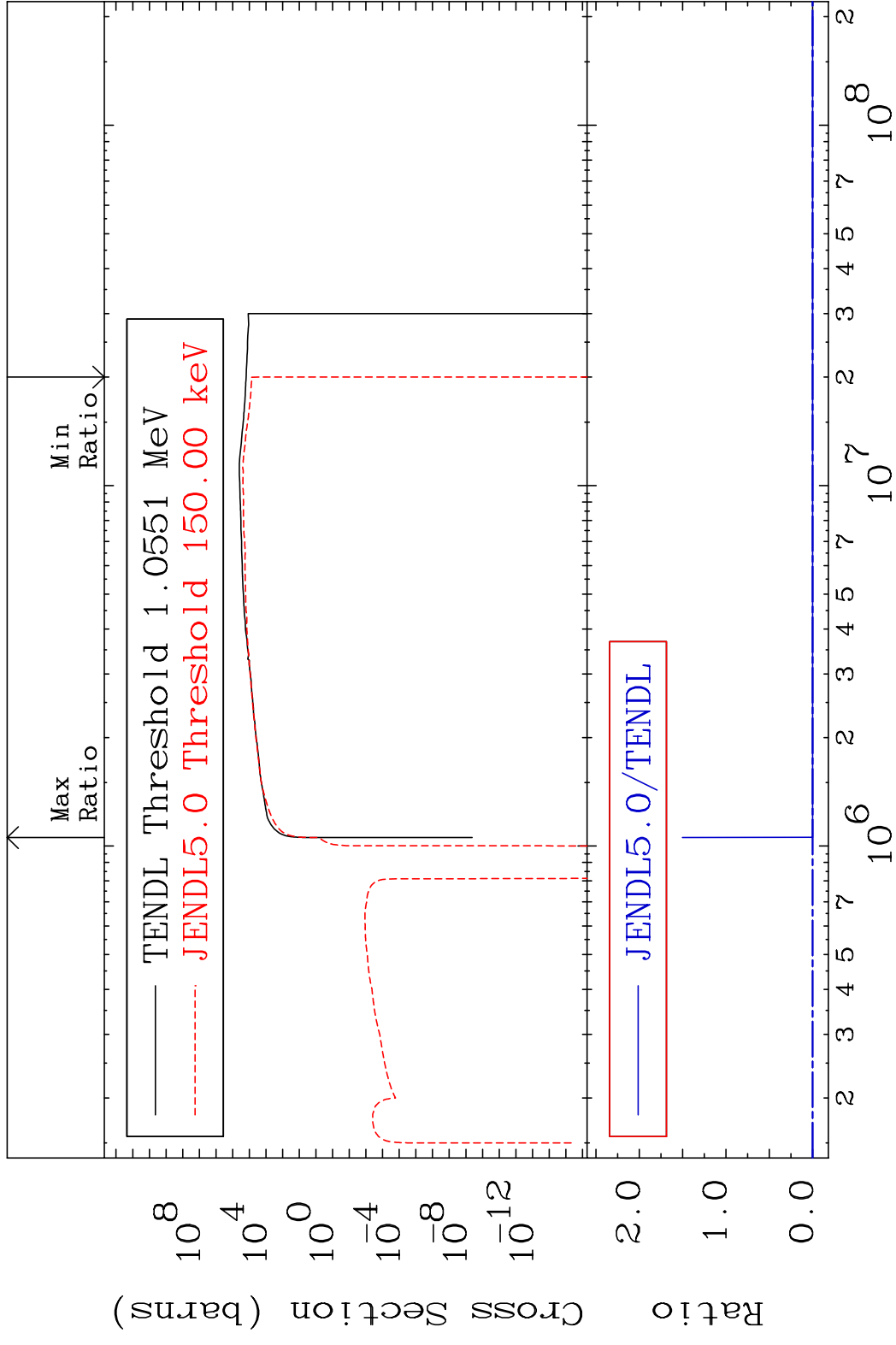
Incident Energy (eV)

30-Zn-66

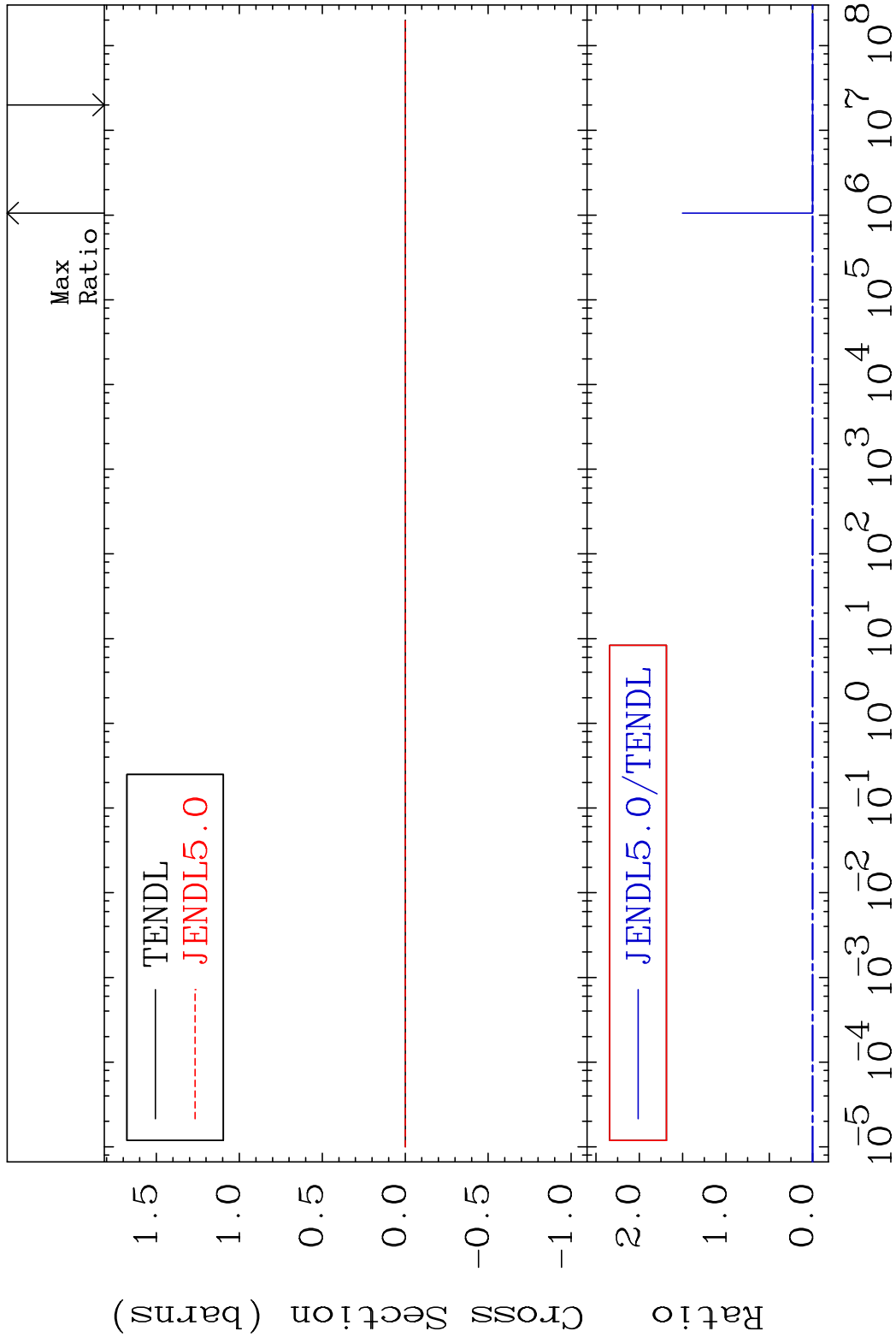
MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66
 Cross Section -100.0 To 9999. %



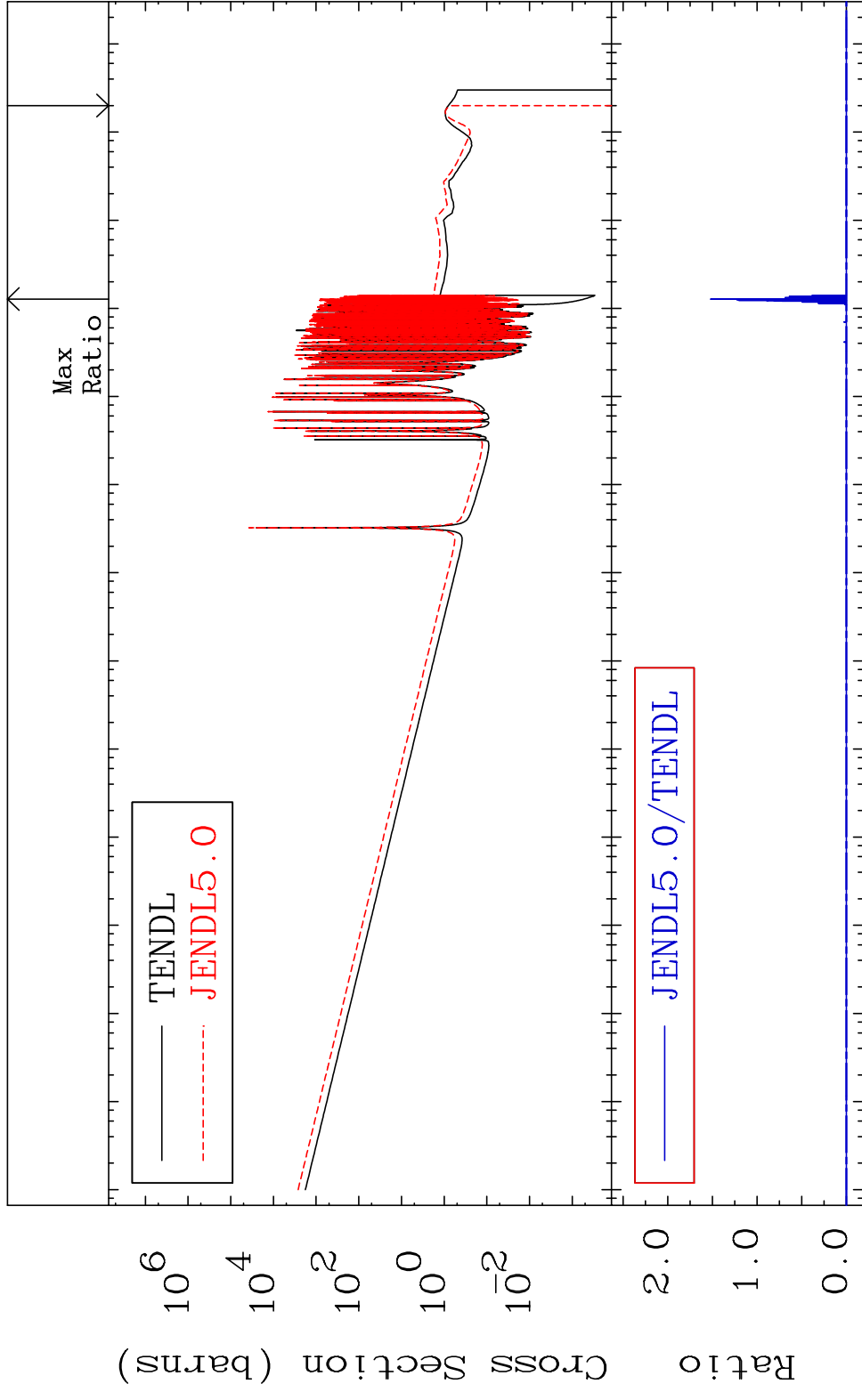
MAT 3031 Kerma inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 9999. %



MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66
 Cross Section -100.0 To 9999. %

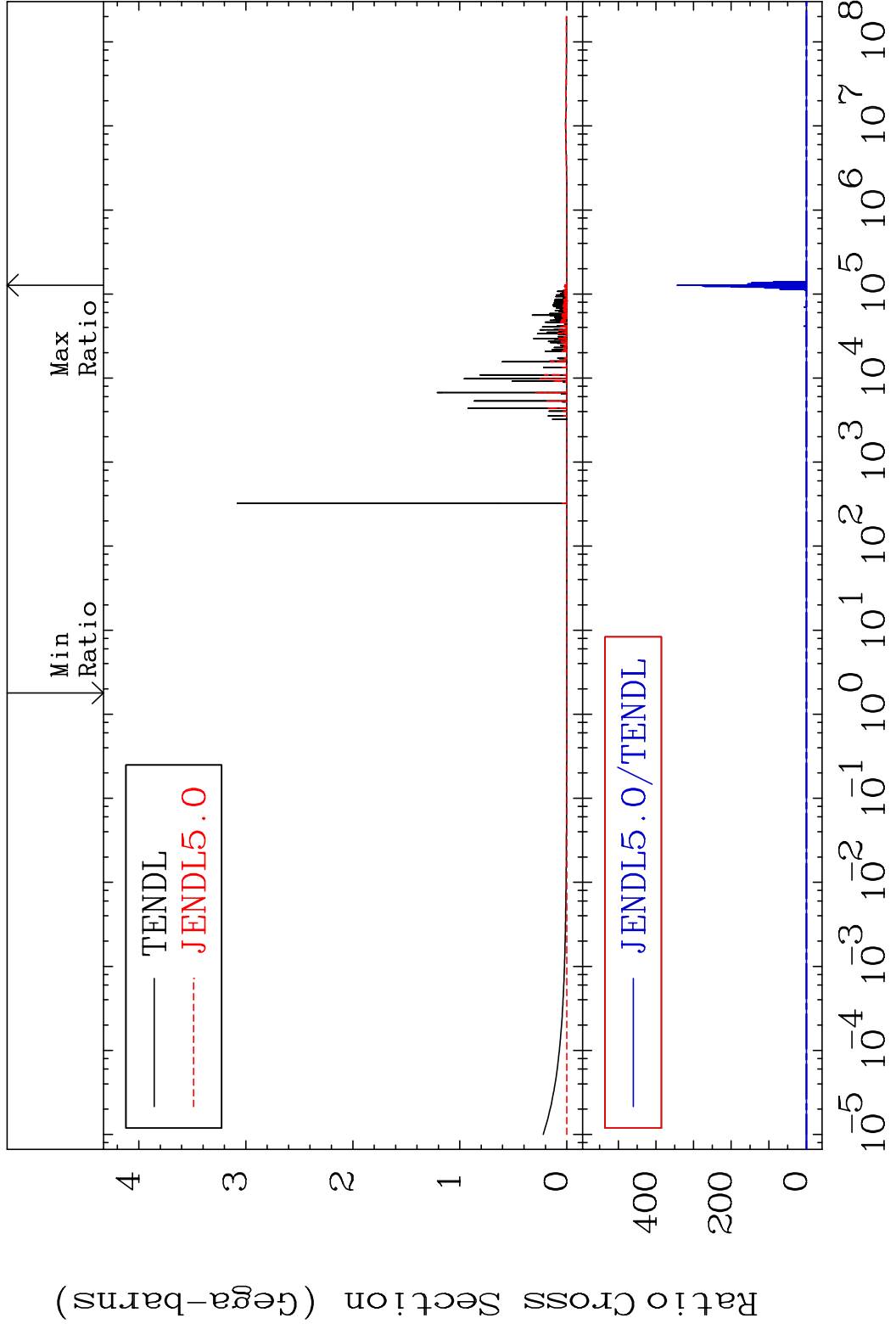


MAT 3031 Kerma capture (mt102) 30-Zn-66
 Cross Section -100.0 To 9999. %

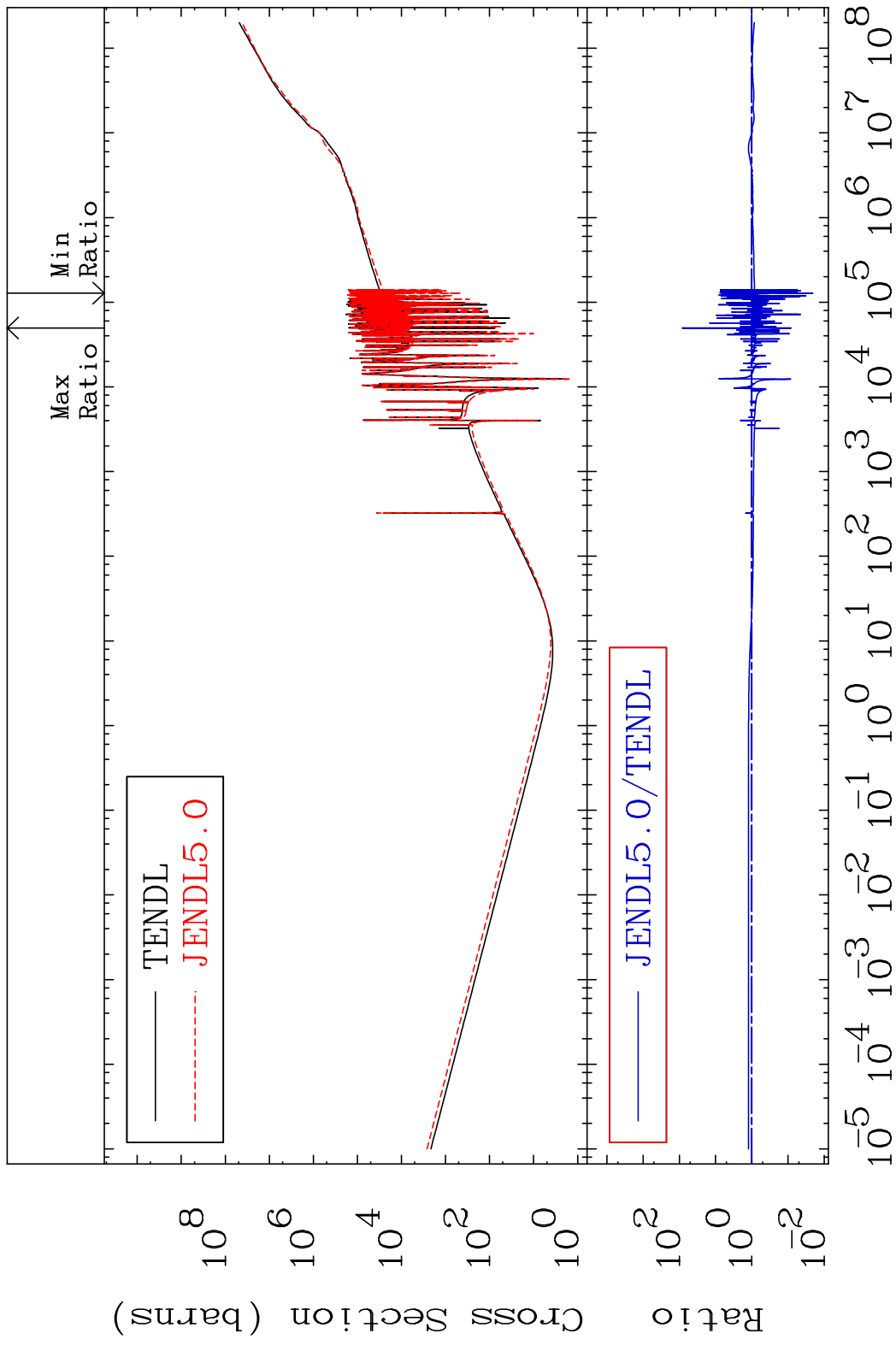


47 Incident Energy (eV) 30-Zn-66

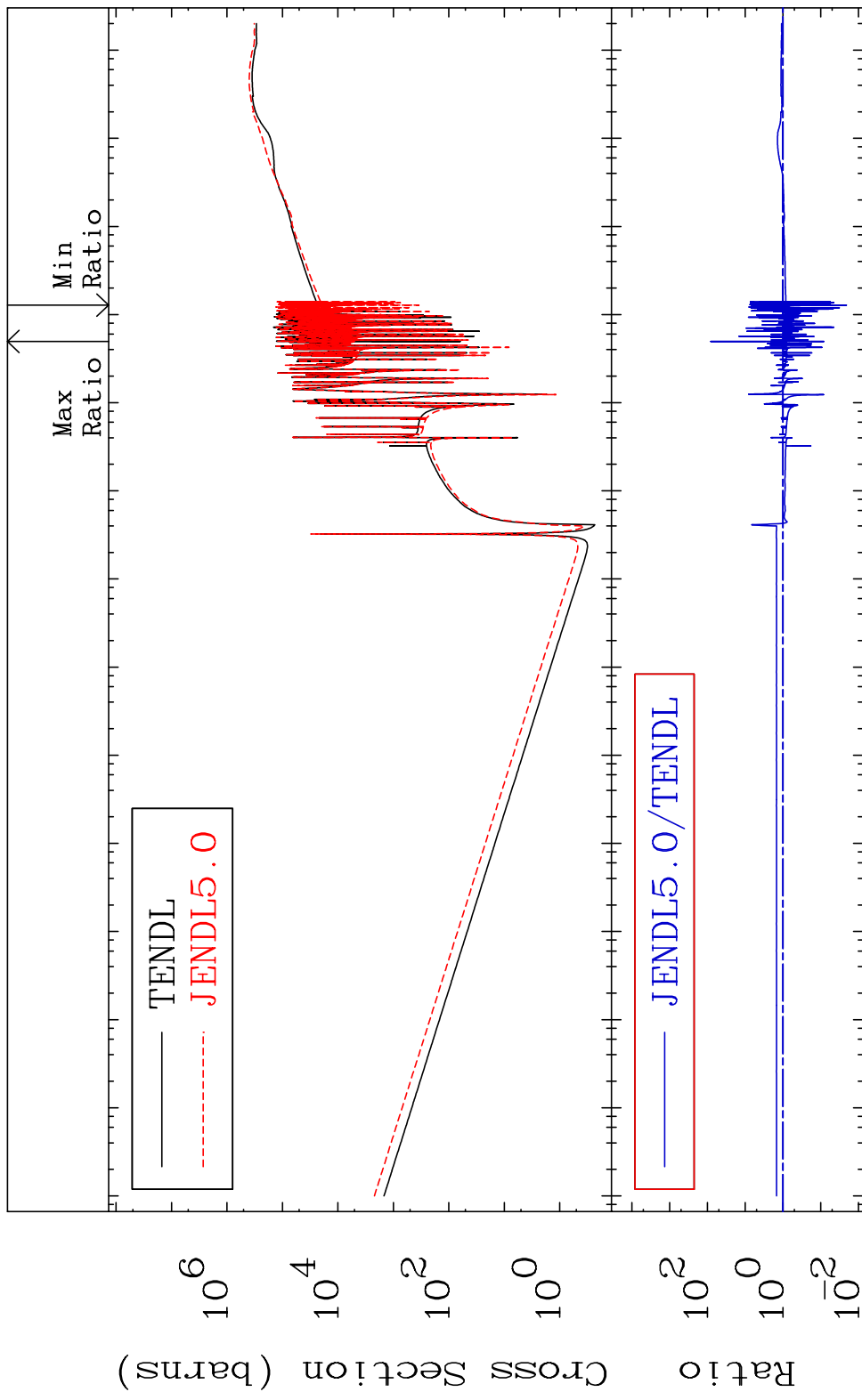
MAT 3031 Total photon (eV-barns) 30-Zn-66
Cross Section -100.1 To 9999. %



MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
Cross Section -97.90 To 8143. %



MAT 3031 Dpa total (eV-barns) 30-Zn-66
 Cross Section -97.90 To 8109. %



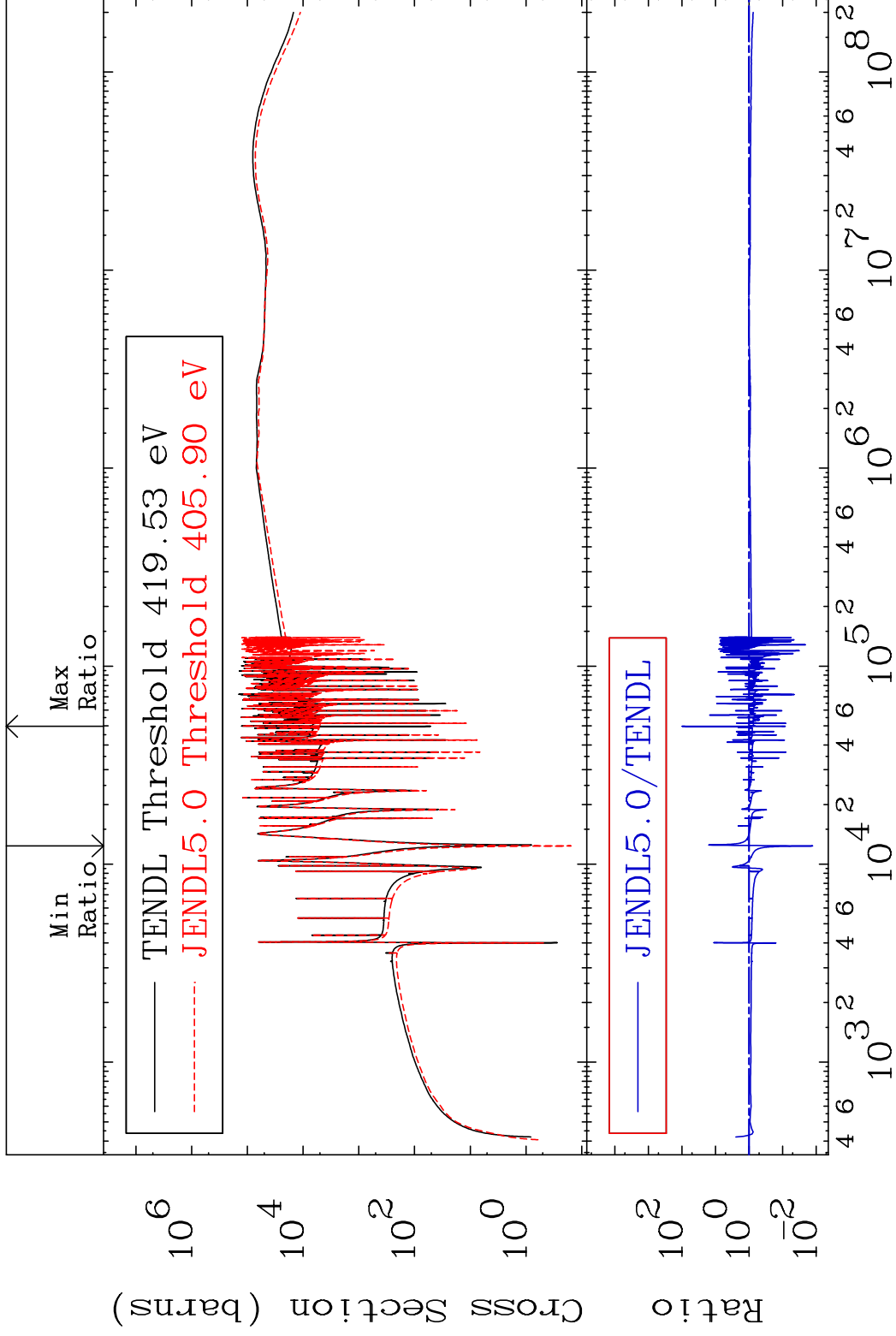
50 Incident Energy (eV) 30-Zn-66

MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section -98.72 To 9699. %

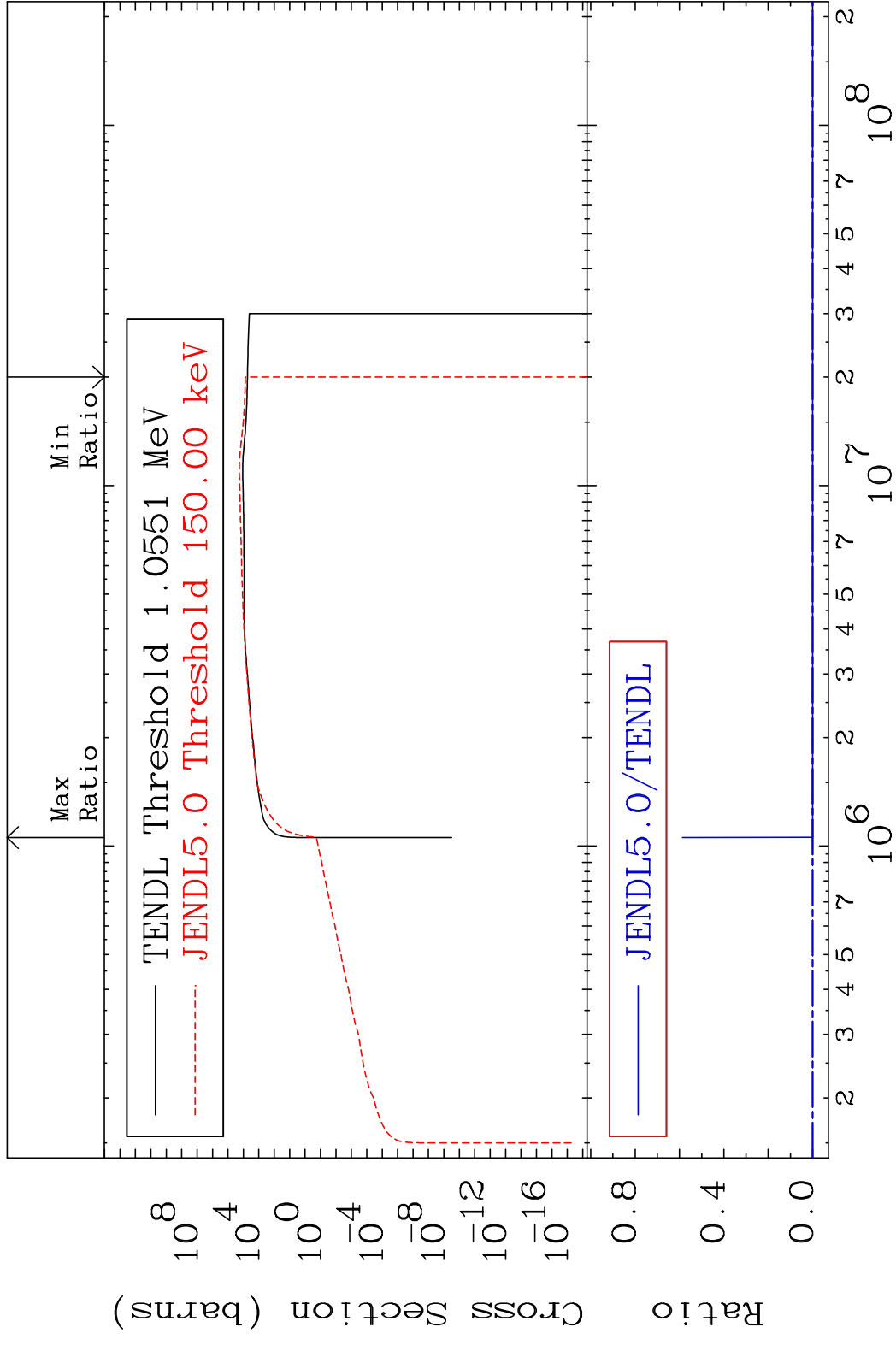


51

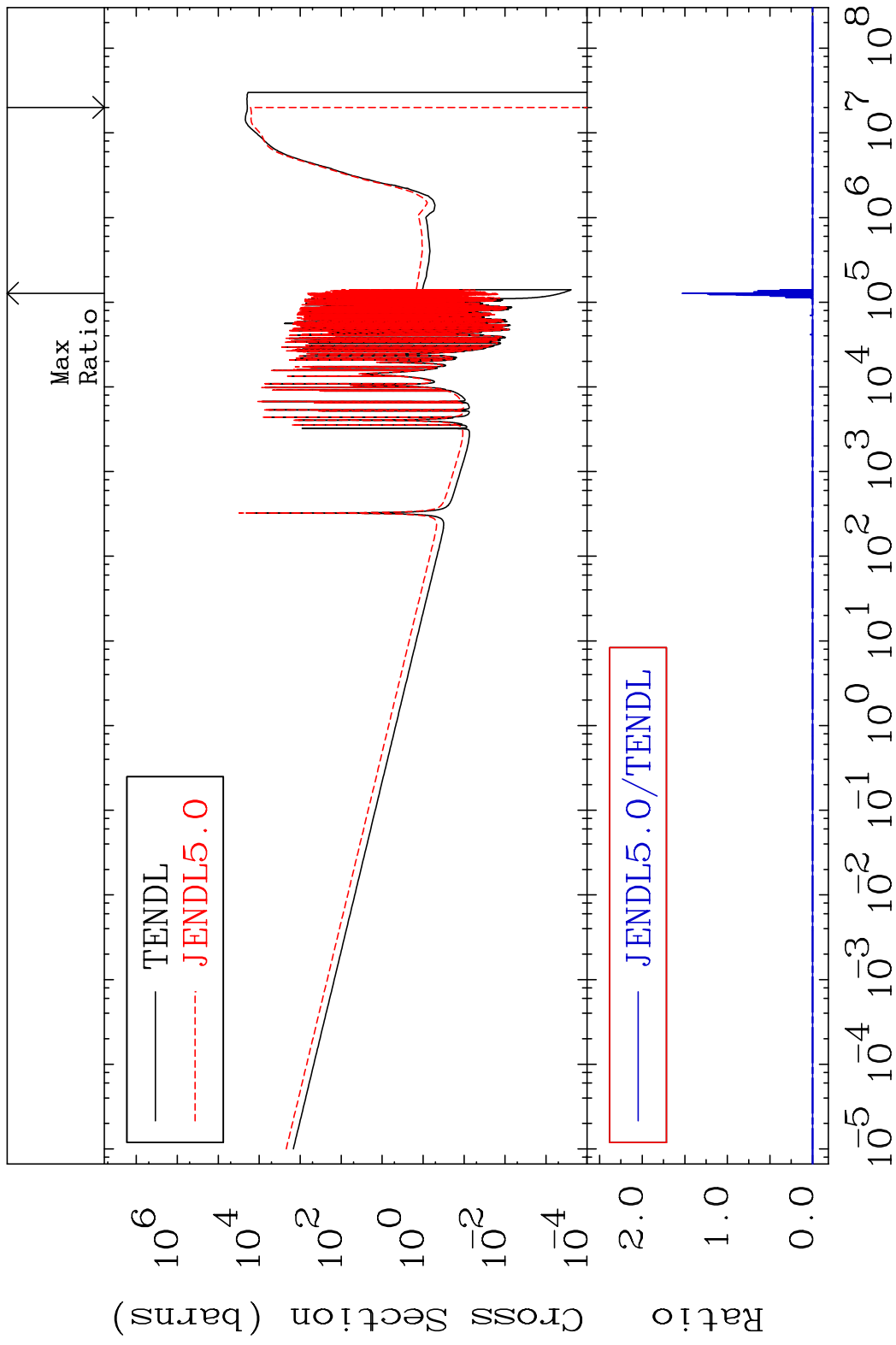
Incident Energy (eV)

30-Zn-66

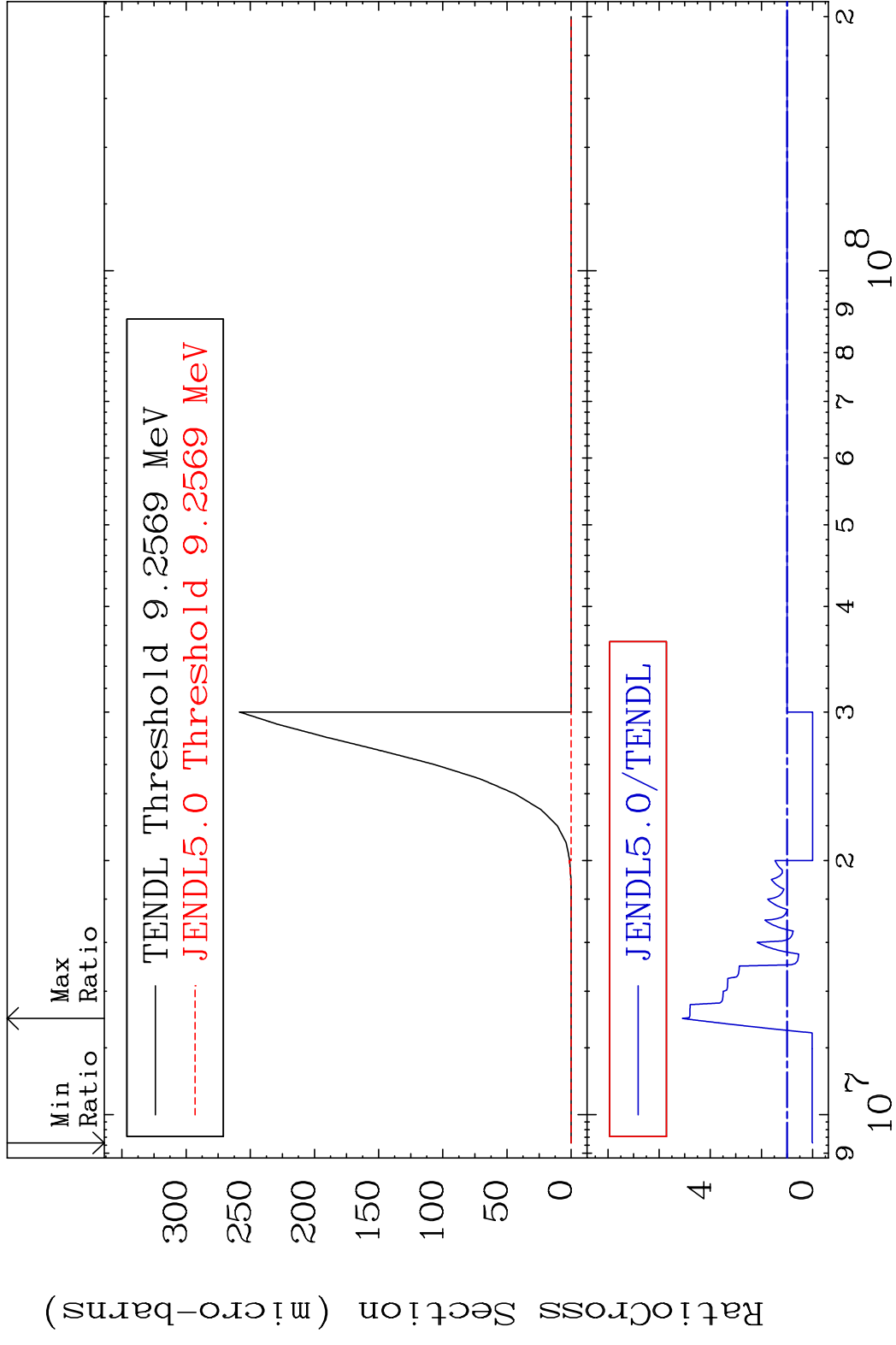
MAT 3031 Dpa inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 9999. %



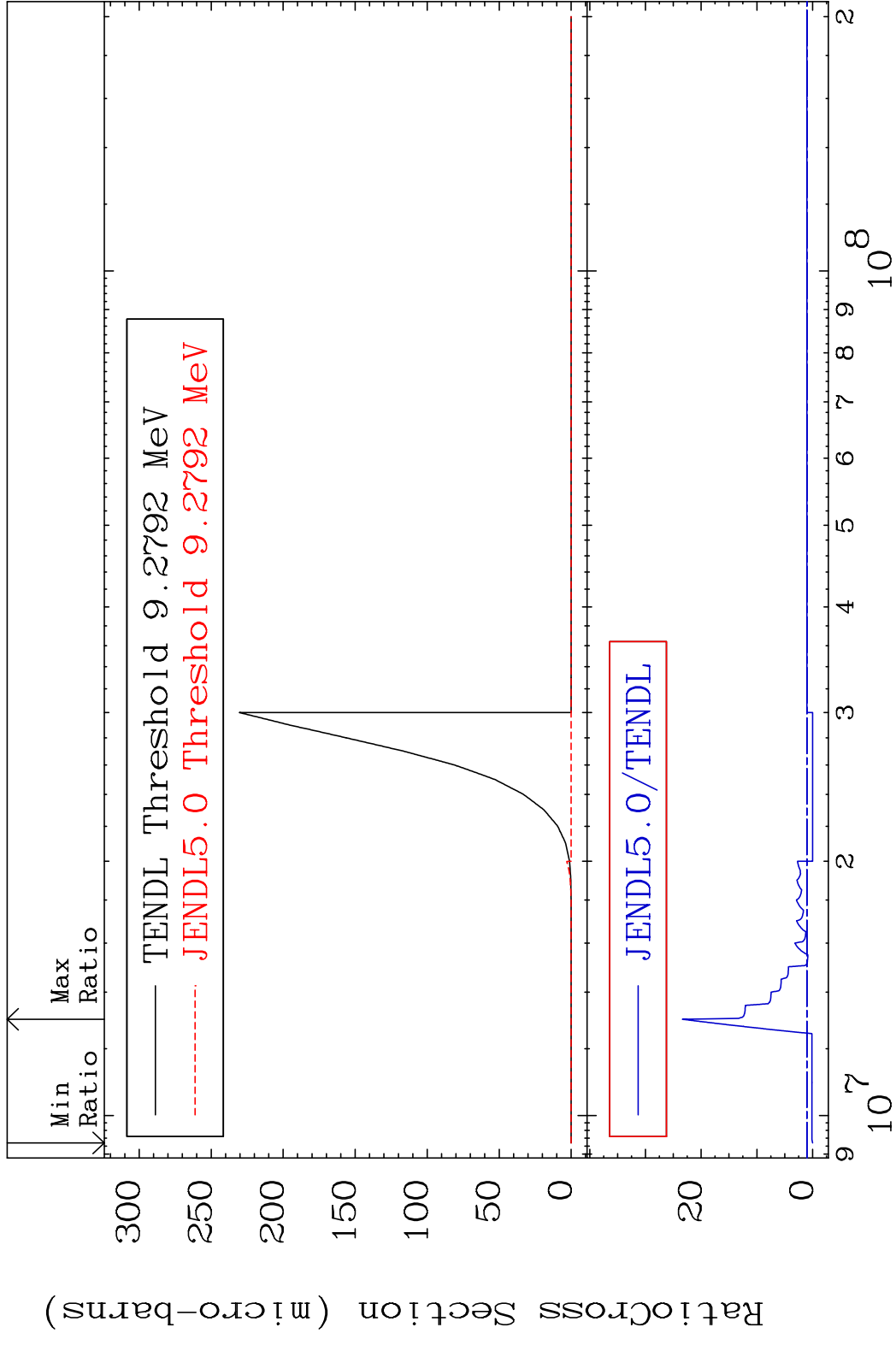
MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66
 Cross Section -100.0 To 9999. %



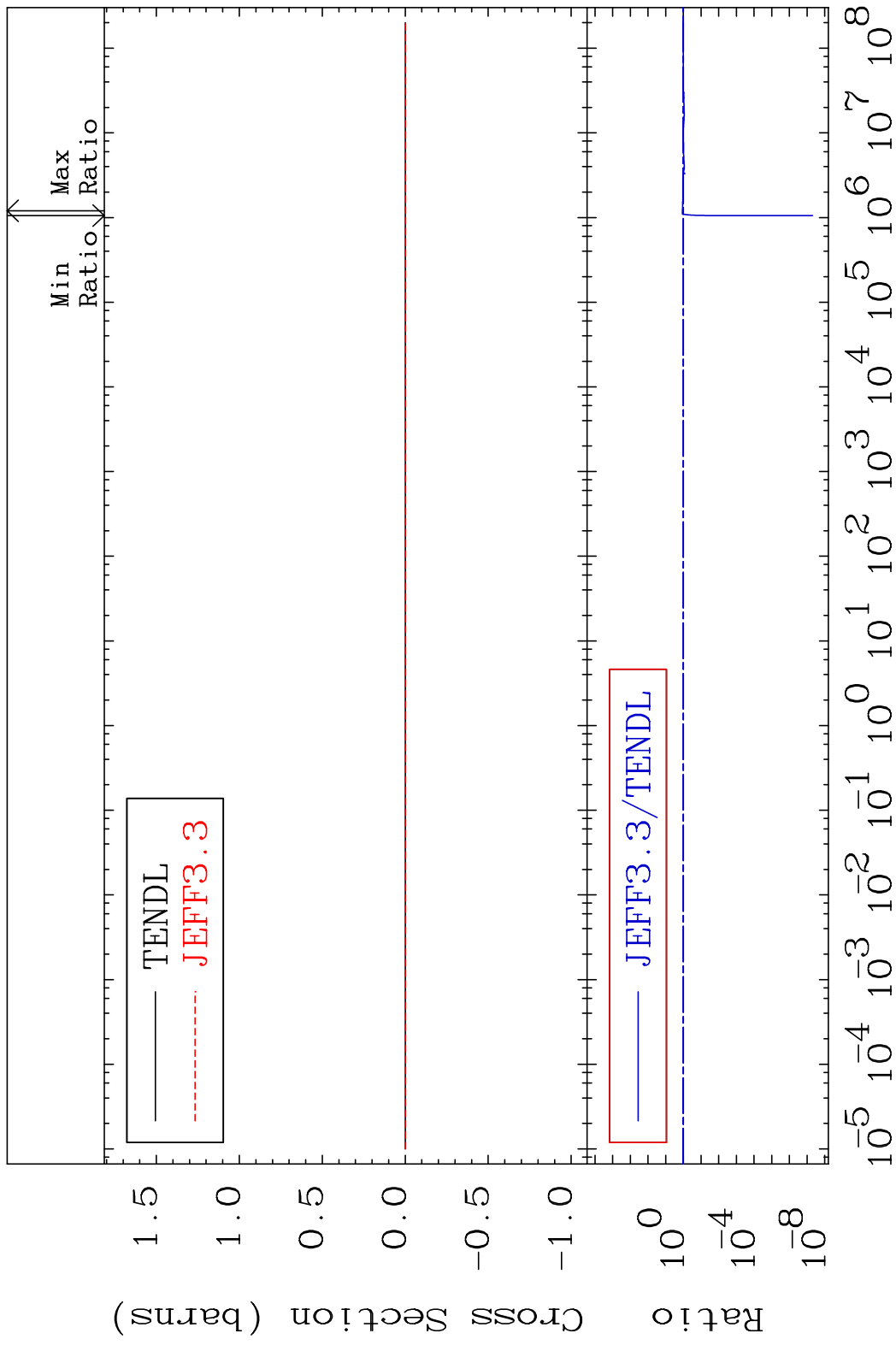
MAT 3031 (n, p) α :27-Co-62g 30-Zn-66
 Radionuclide Production Cross Section 180.0 dth 409.2 %



MAT 3031 (n, p) α :27-Co-62m1 30-Zn-66
 Radionuclide Production Cross Section 180.0 dth 2238. %



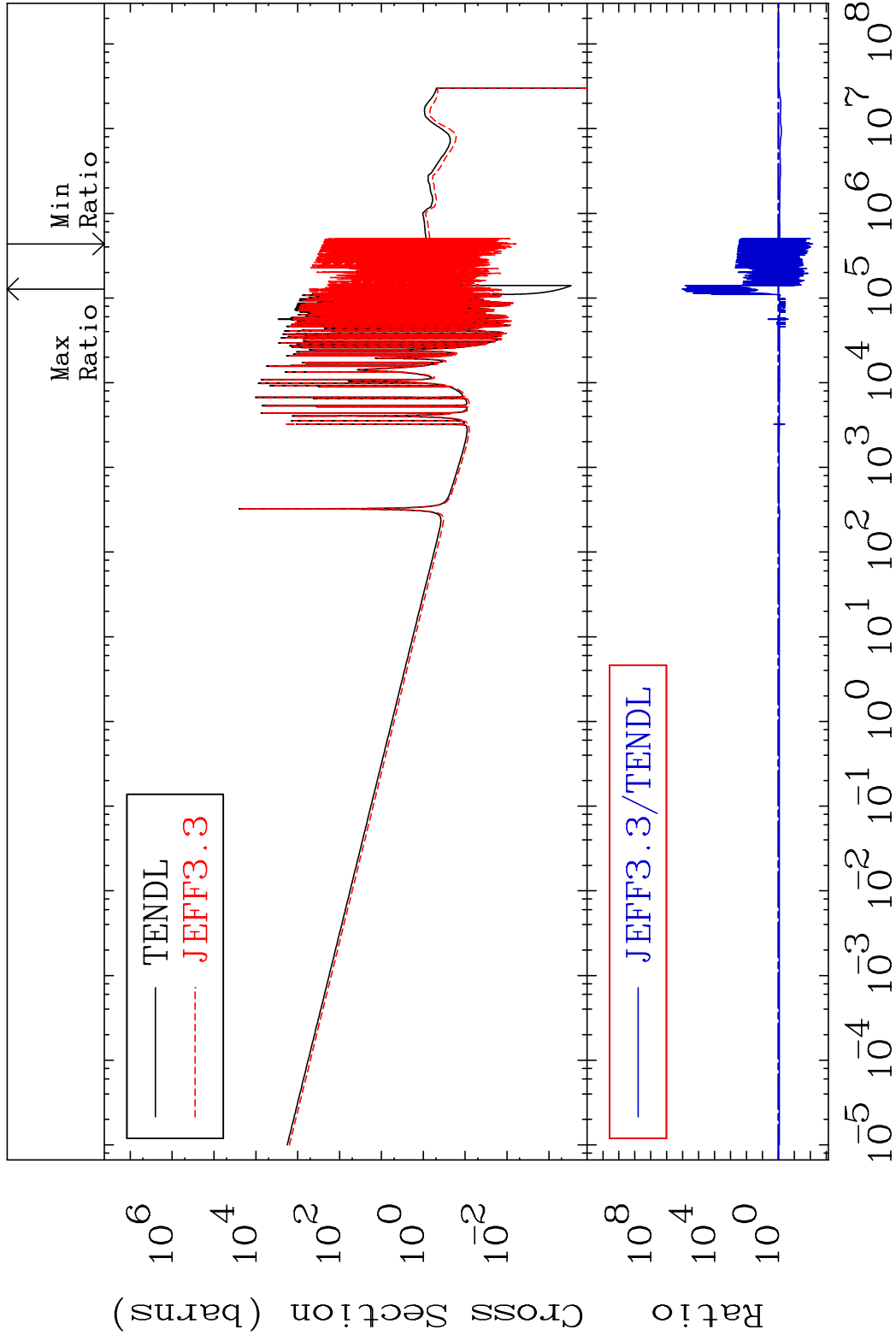
MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66
 Cross Section -100.0 To 14.58 %



MAT 3031

Kerma capture (mt102) 30-Zn-66

Cross Section -99.27 To 9999. %



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Incident Energy (eV)

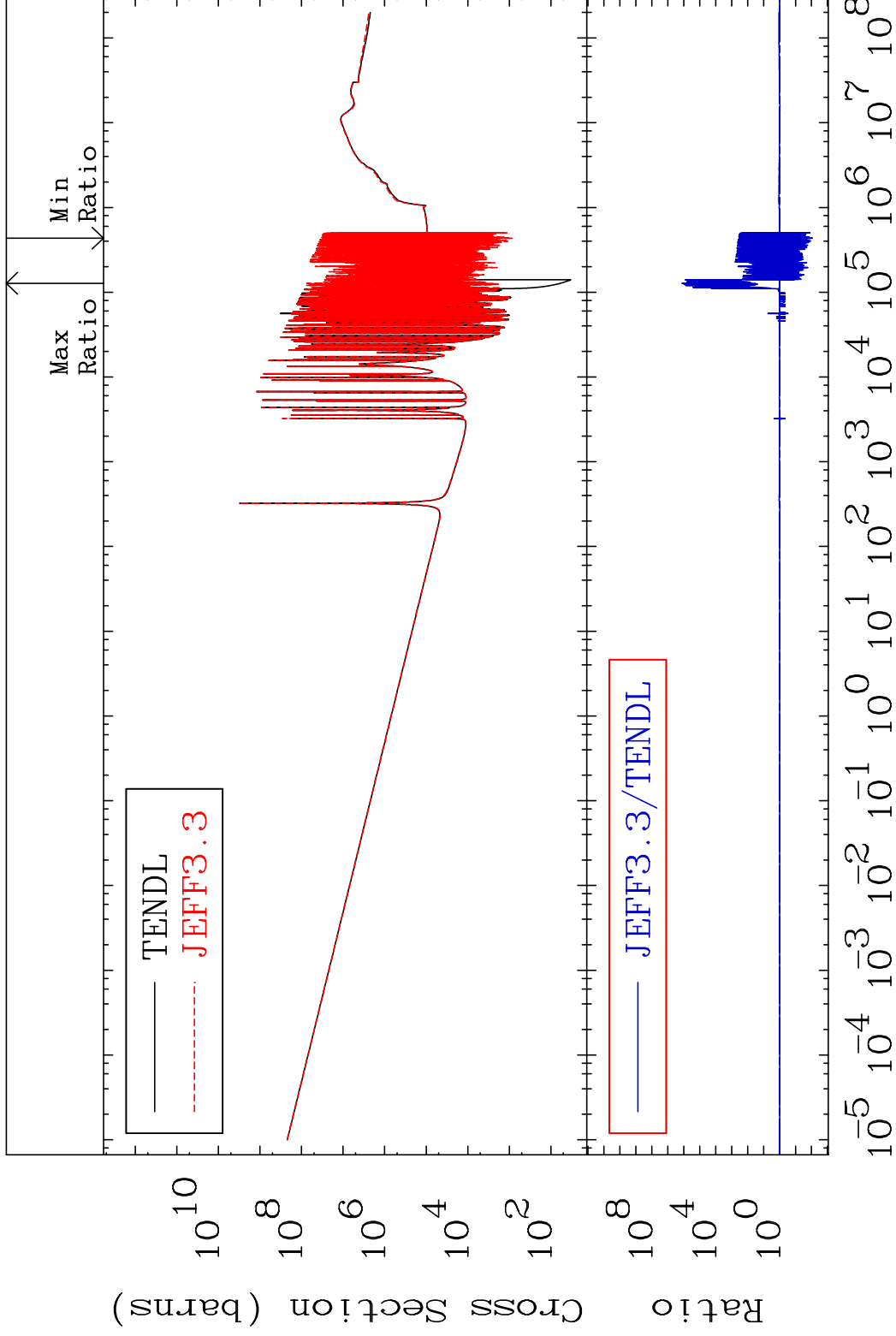
30-Zn-66

MAT 3031

Total photon (eV-barns)

30-Zn-66

Cross Section -99.13 To 9999. %

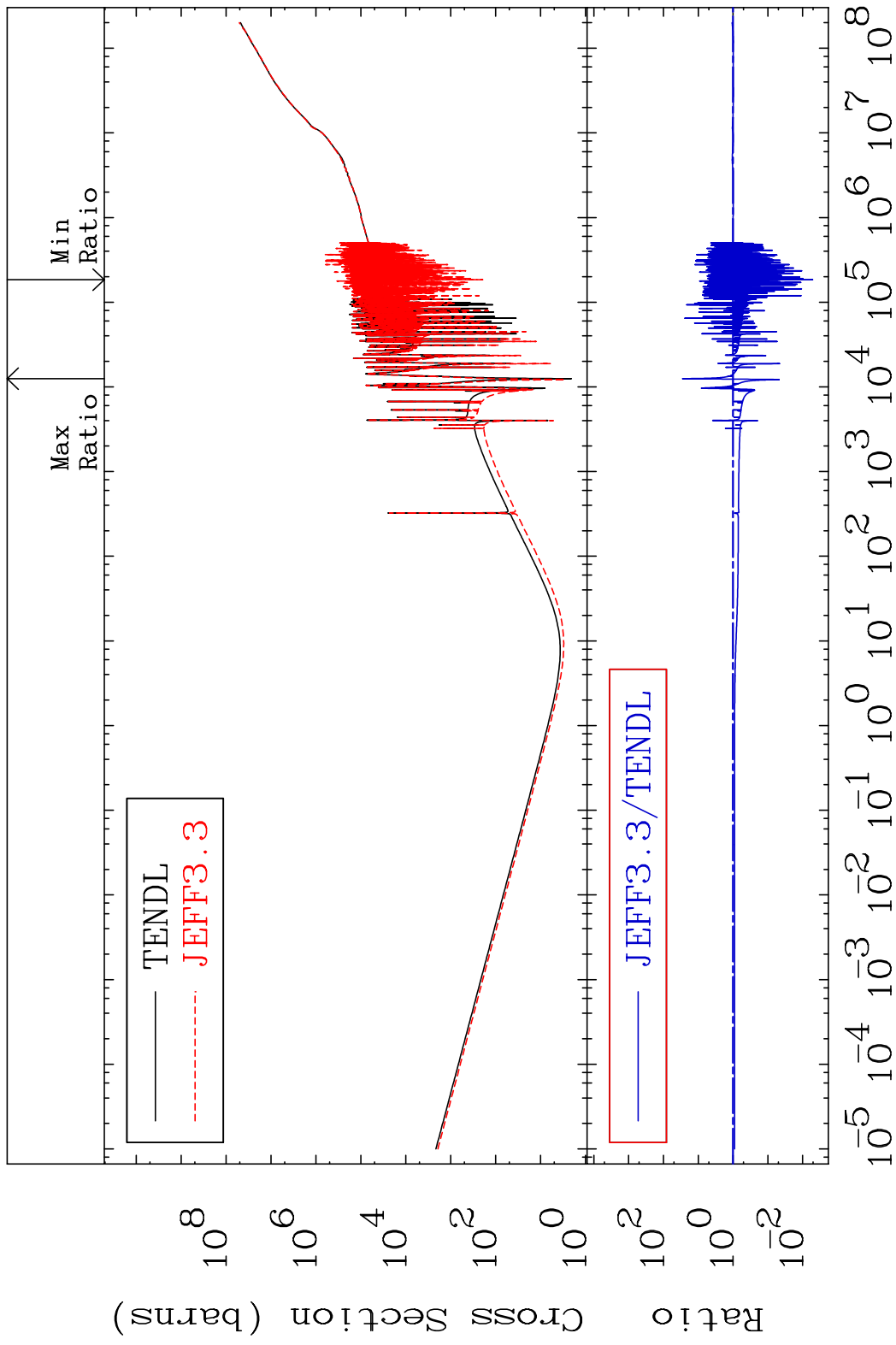


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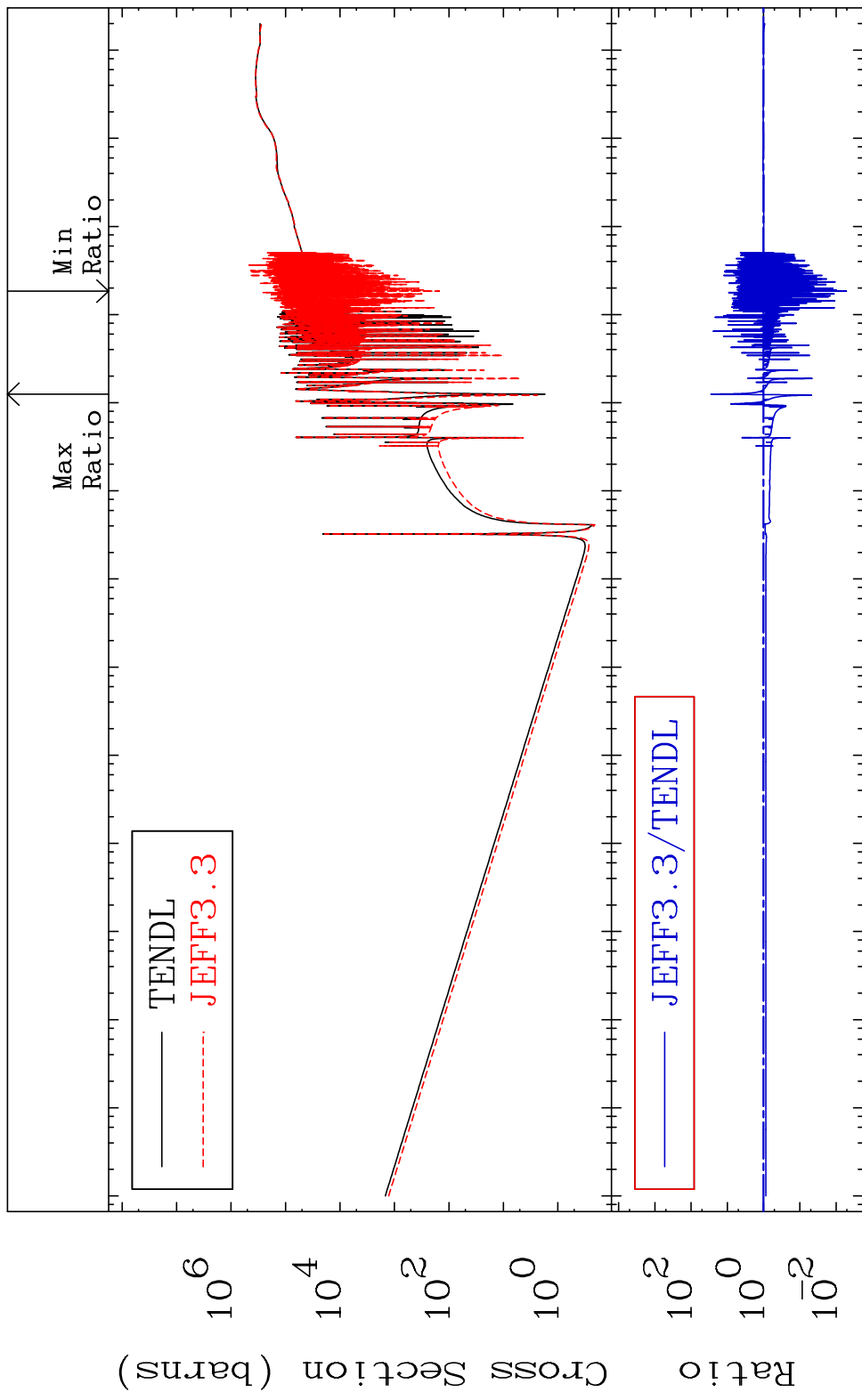
Incident Energy (eV)

30-Zn-66

MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
 Cross Section -99.48 To 2763. %



MAT 3031 Dpa total (eV-barns) 30-Zn-66
 Cross Section -99.48 To 2783. %



60 Incident Energy (eV) 30-Zn-66

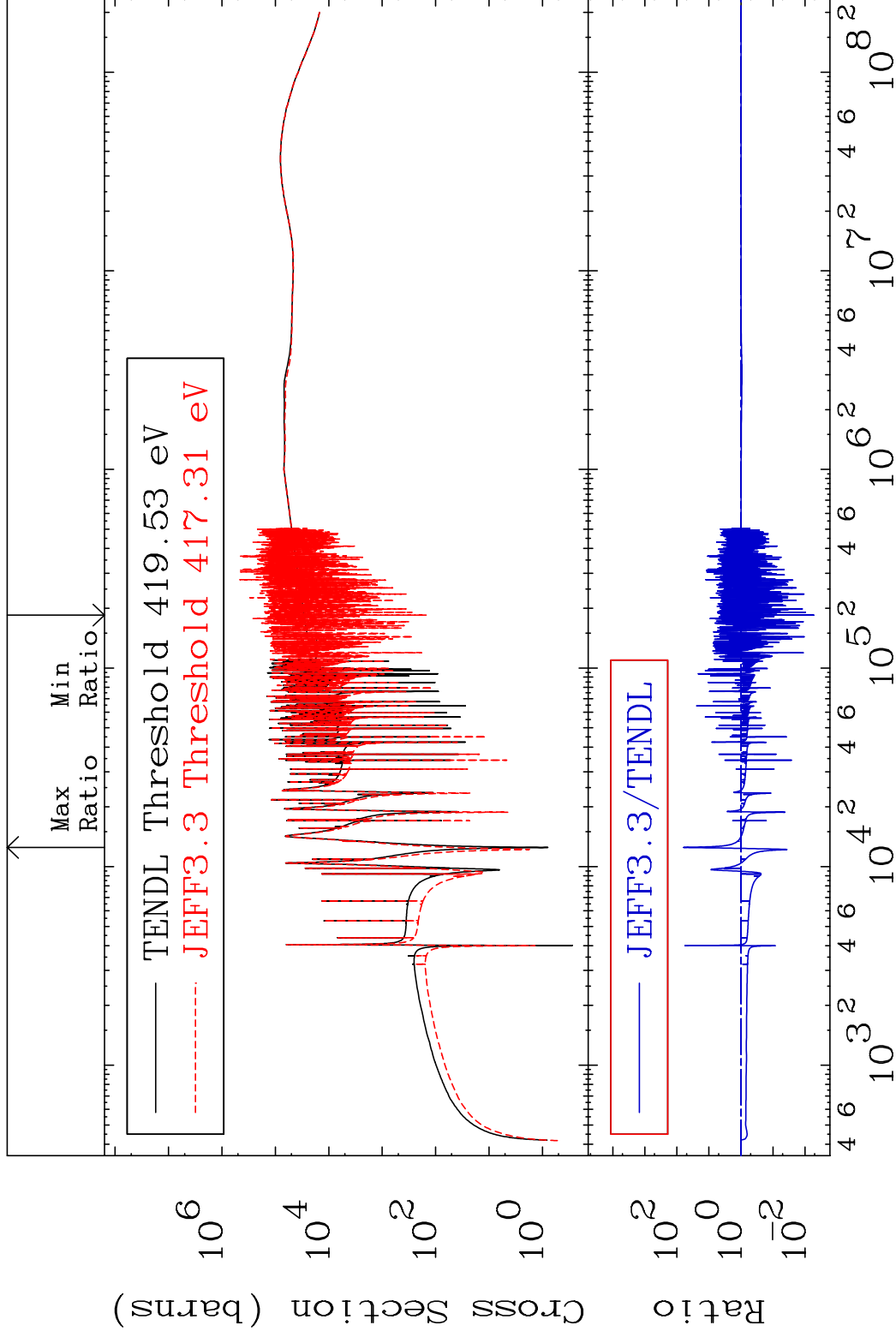
MAT 3031

Dpa elastic (mt2)

30-Zn-66

Cross Section

-99.48 To 6057. %

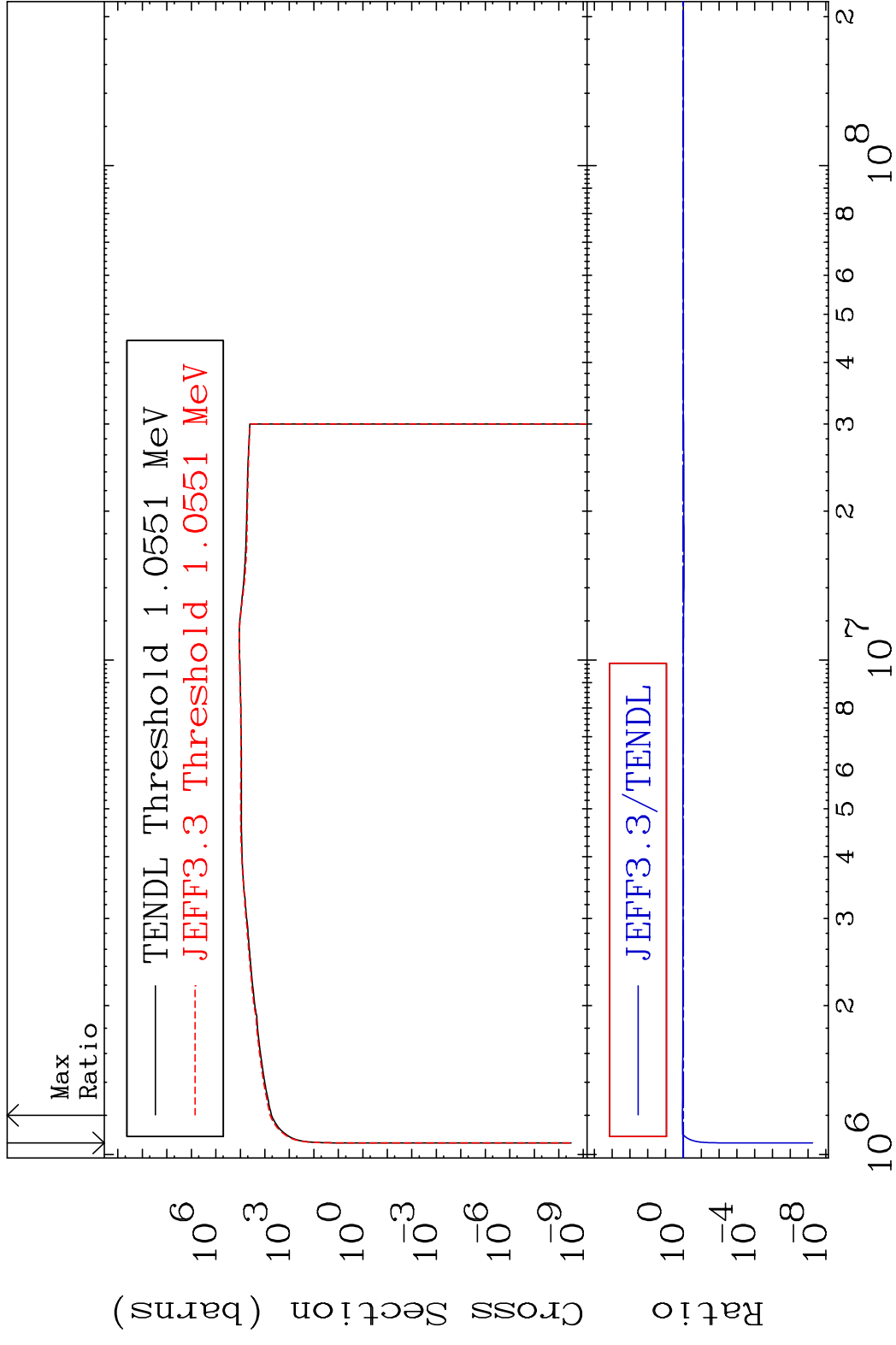


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Incident Energy (eV)

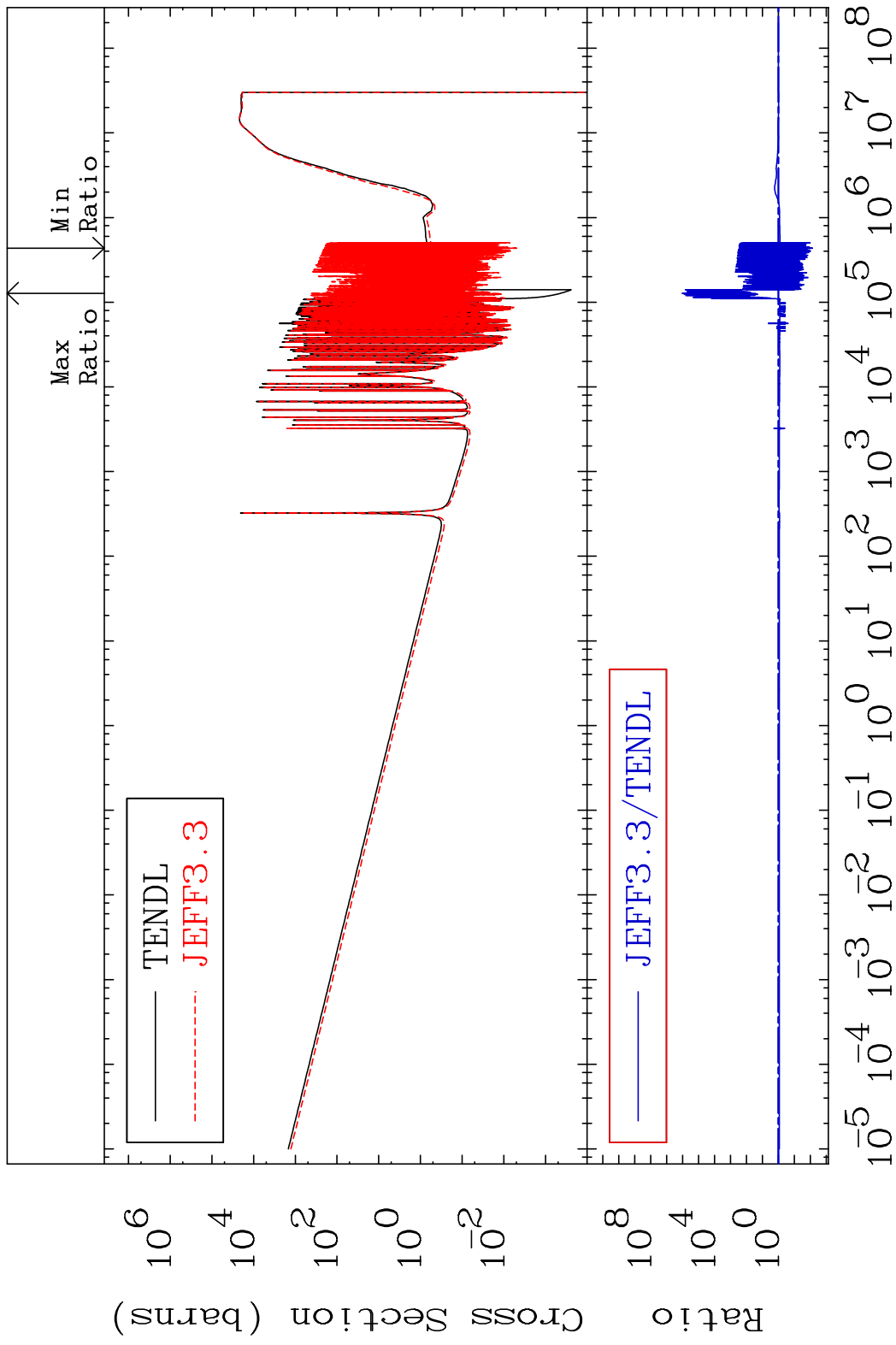
30-Zn-66

MAT 3031 Dpa inelastic (mt51-91) 30-Zn-66
 Cross Section -100.0 To 14.59 %

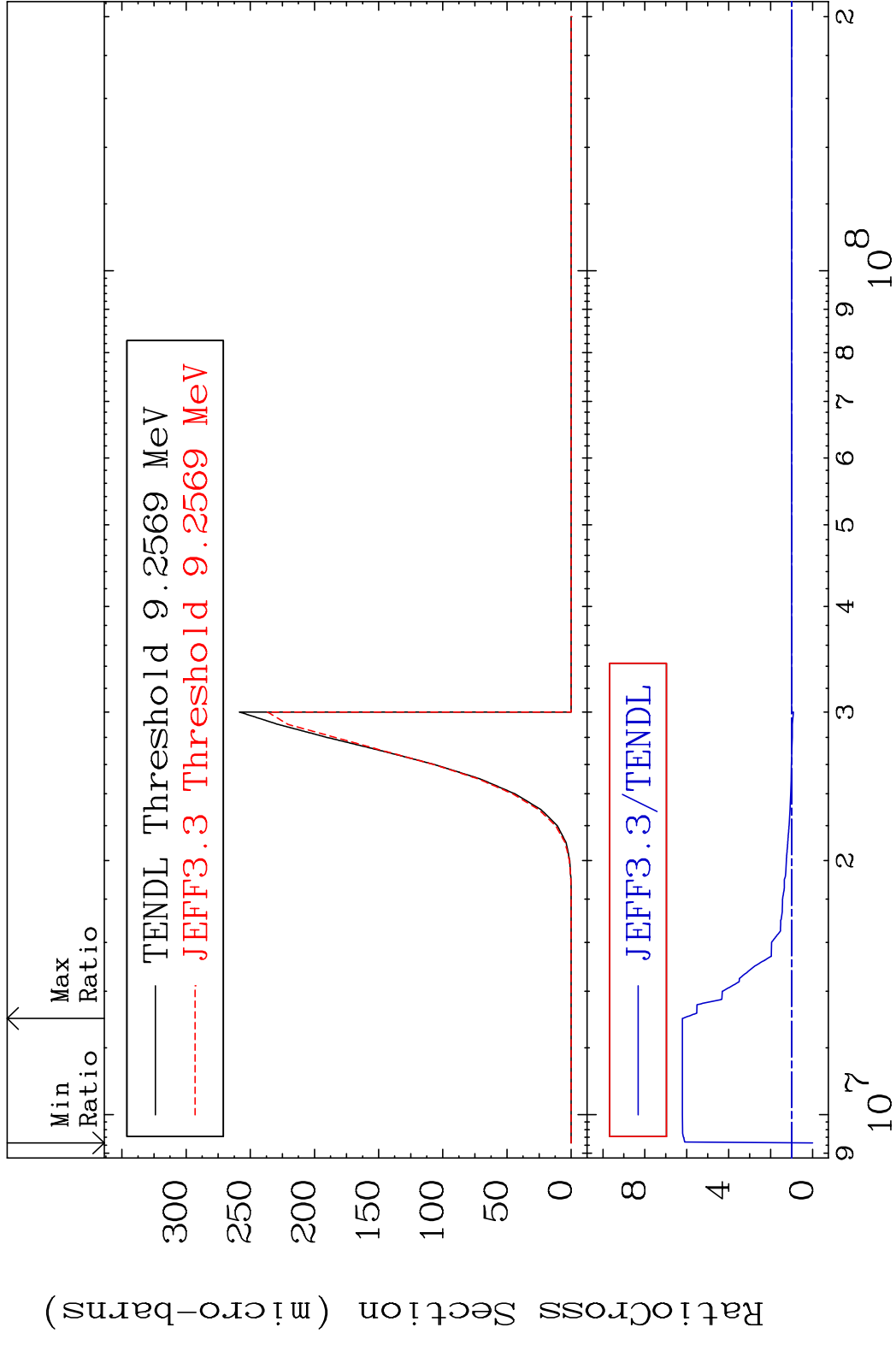


62 Incident Energy (eV) 30-Zn-66

MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66
 Cross Section -99.28 To 9999. %

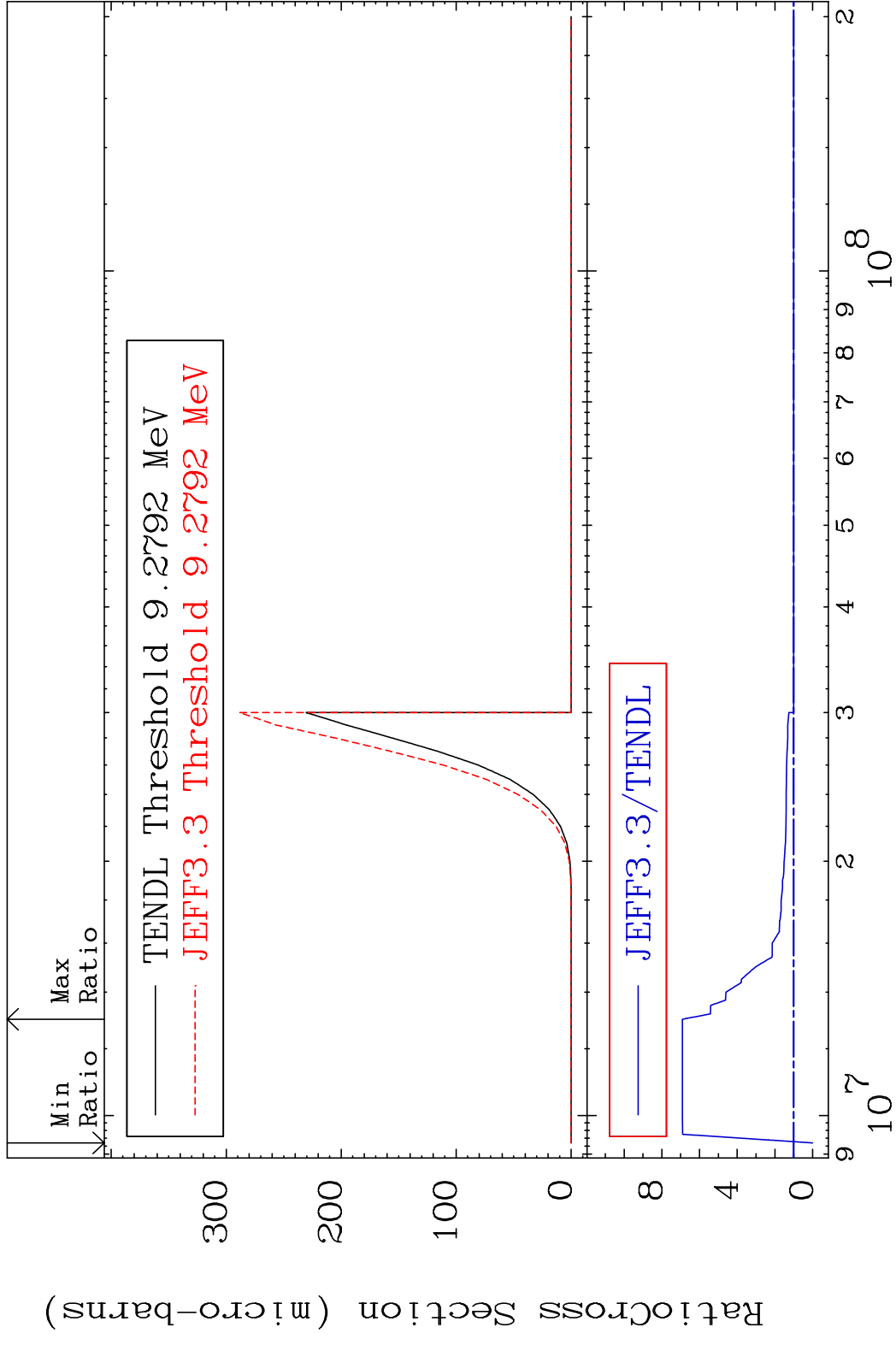


MAT 3031 (n,p) α :27-Co-62g 30-Zn-66
 Radionuclide Production Cross Section 180.01 dth 521.1 %



64 Incident Energy (eV) 30-Zn-66

MAT 3031 (n,p) α :27-Co-62m1 30-Zn-66
 Radionuclide Production Cross Section 180.0 dth 591.1 %



65 Incident Energy (eV) 30-Zn-66