

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

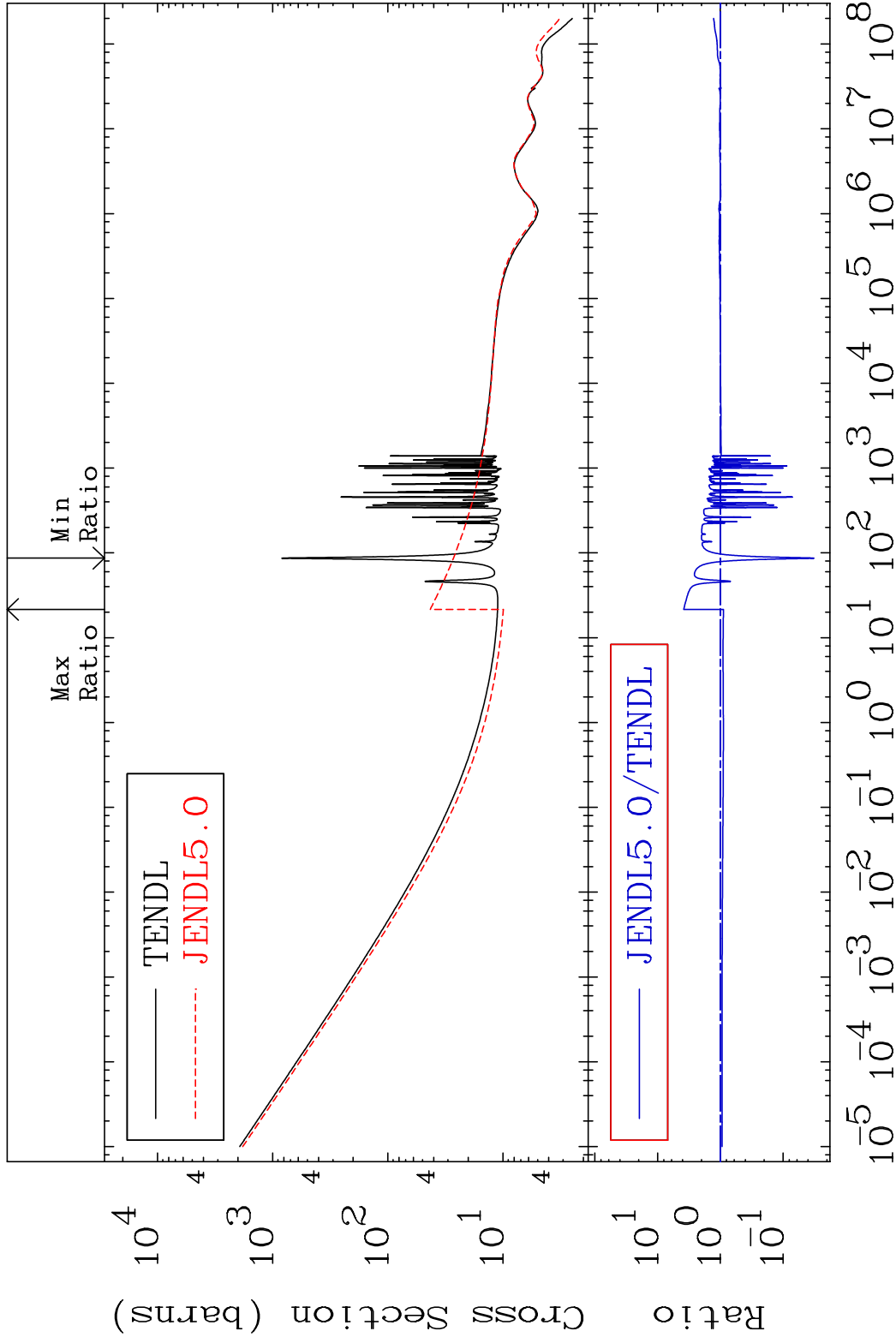
MAT 8840

Total

88-Ra-228

Cross Section

-96.79 To 284.6 %



1

Incident Energy (eV)

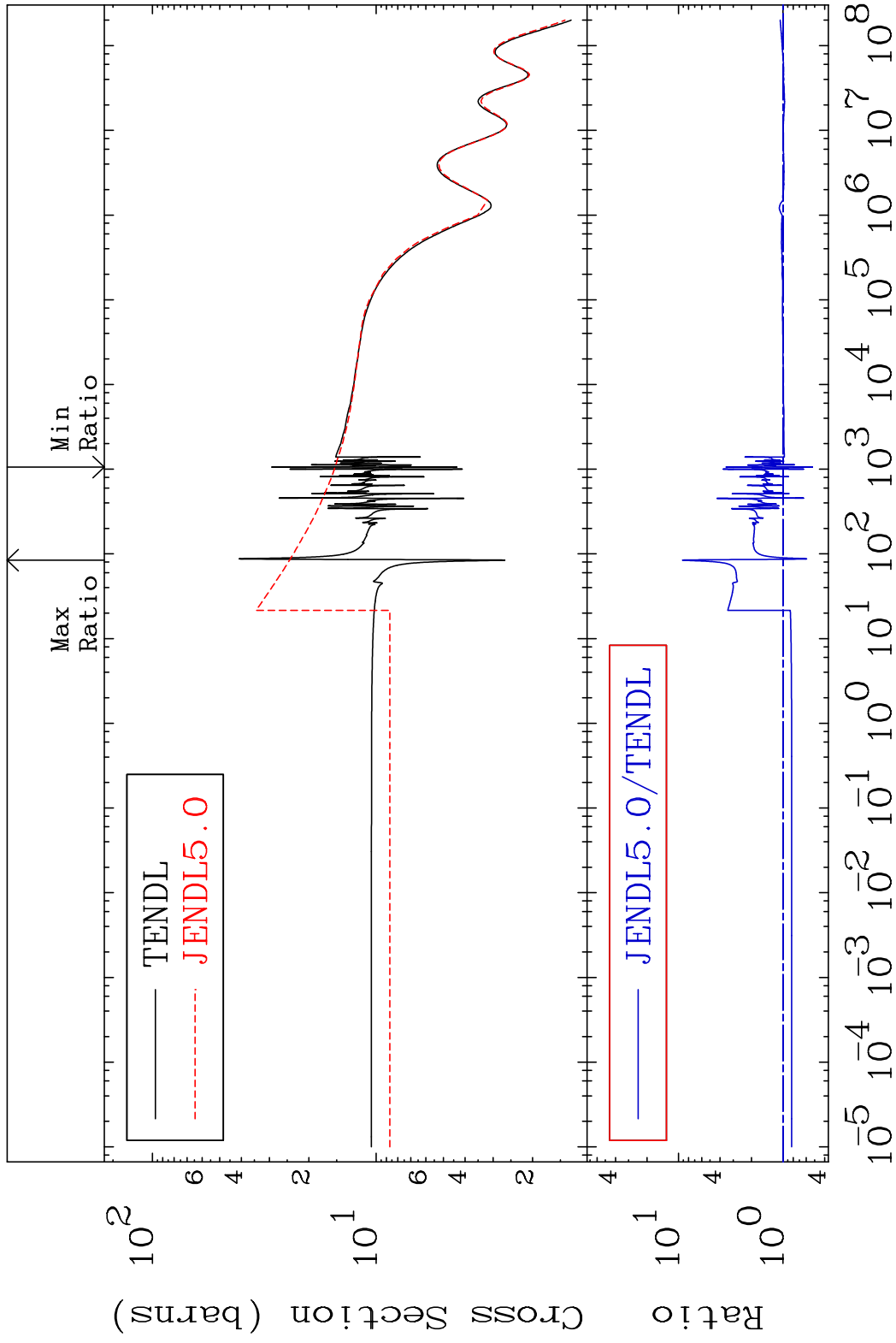
88-Ra-228

MAT 8840

Elastic

88-Ra-228

Cross Section -47.75 To 817.9 %



2

Incident Energy (eV)

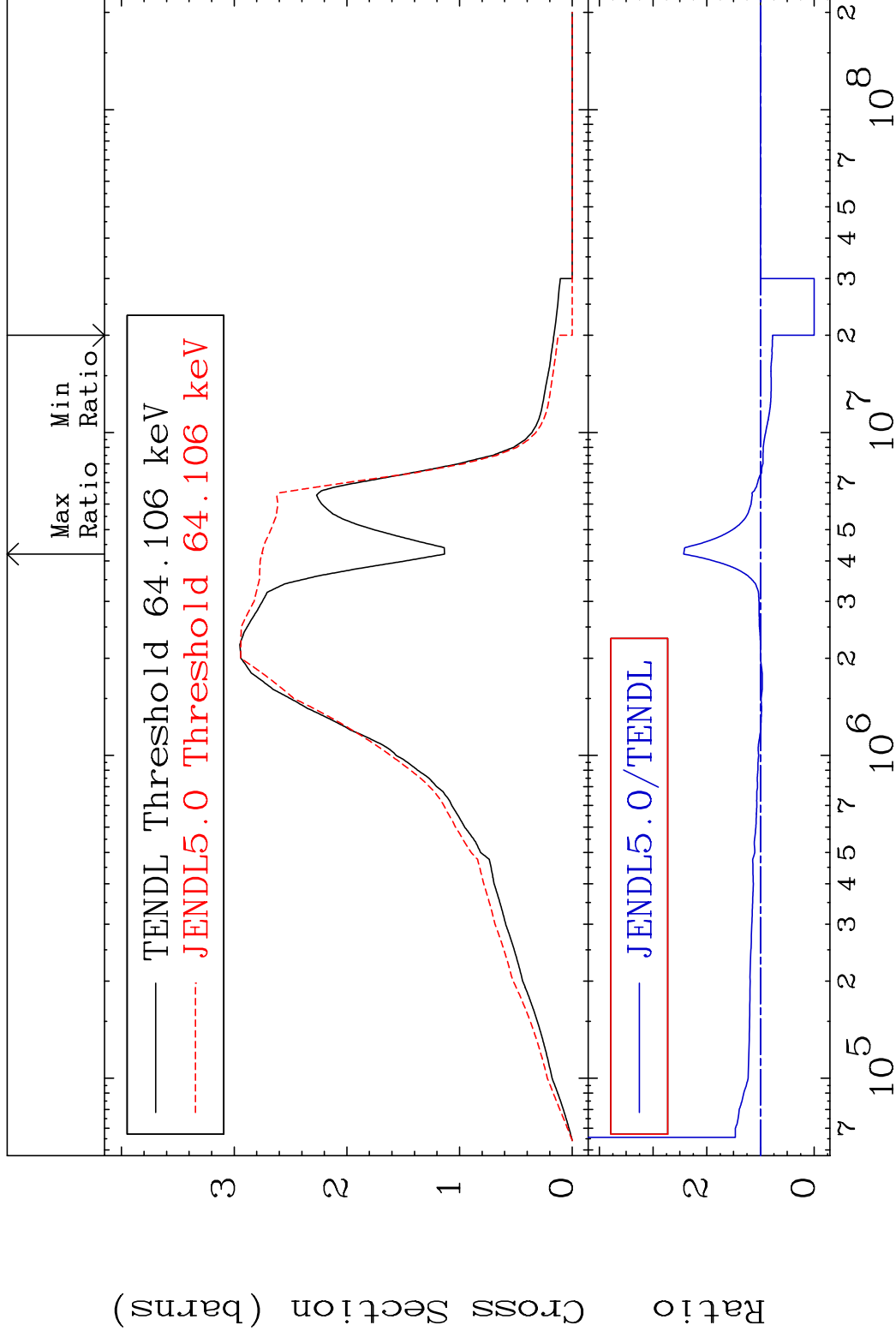
88-Ra-228

MAT 8840

Inelastic

88-Ra-228

Cross Section -100.0 To 143.0 %

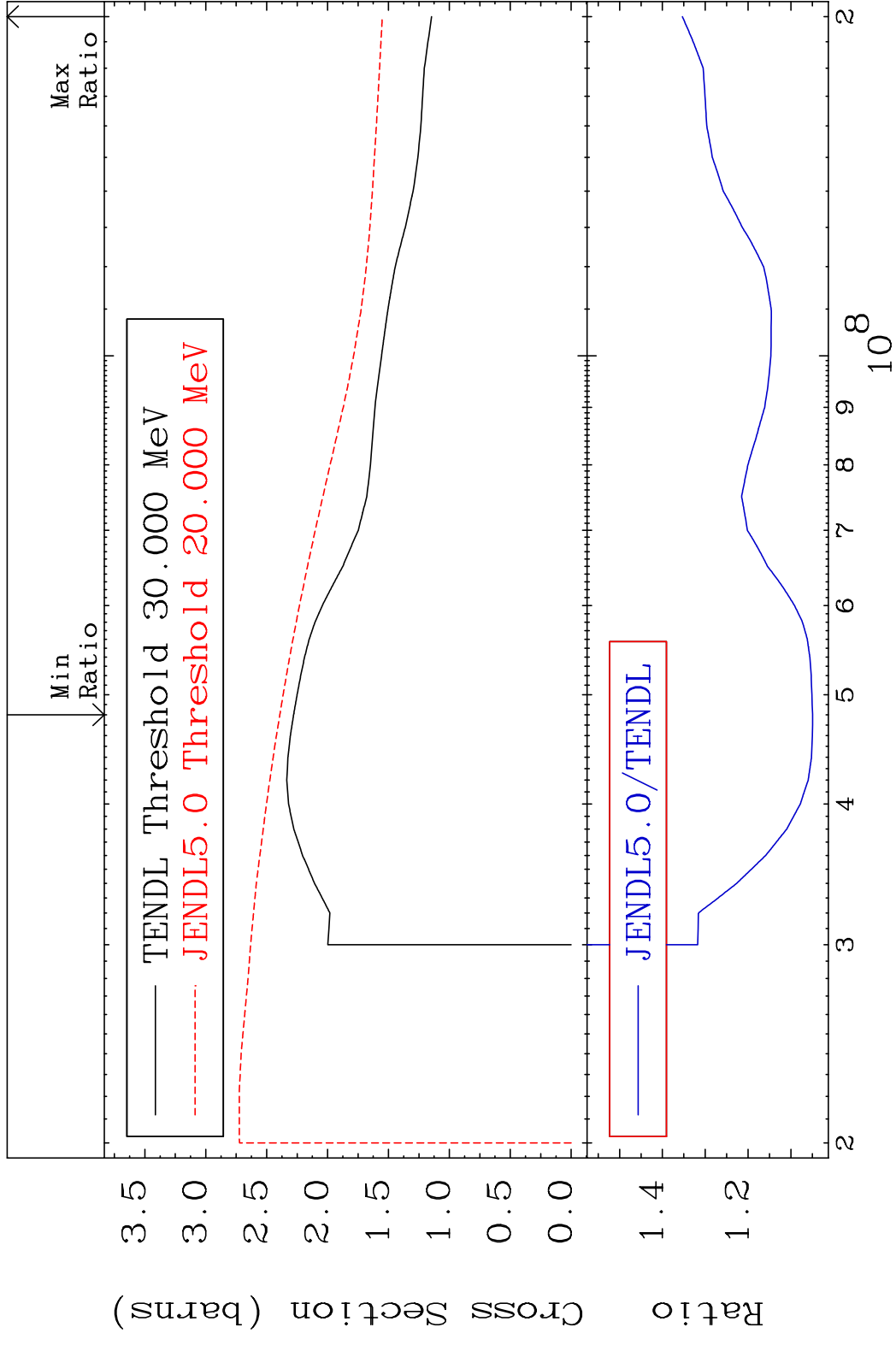


3

Incident Energy (eV)

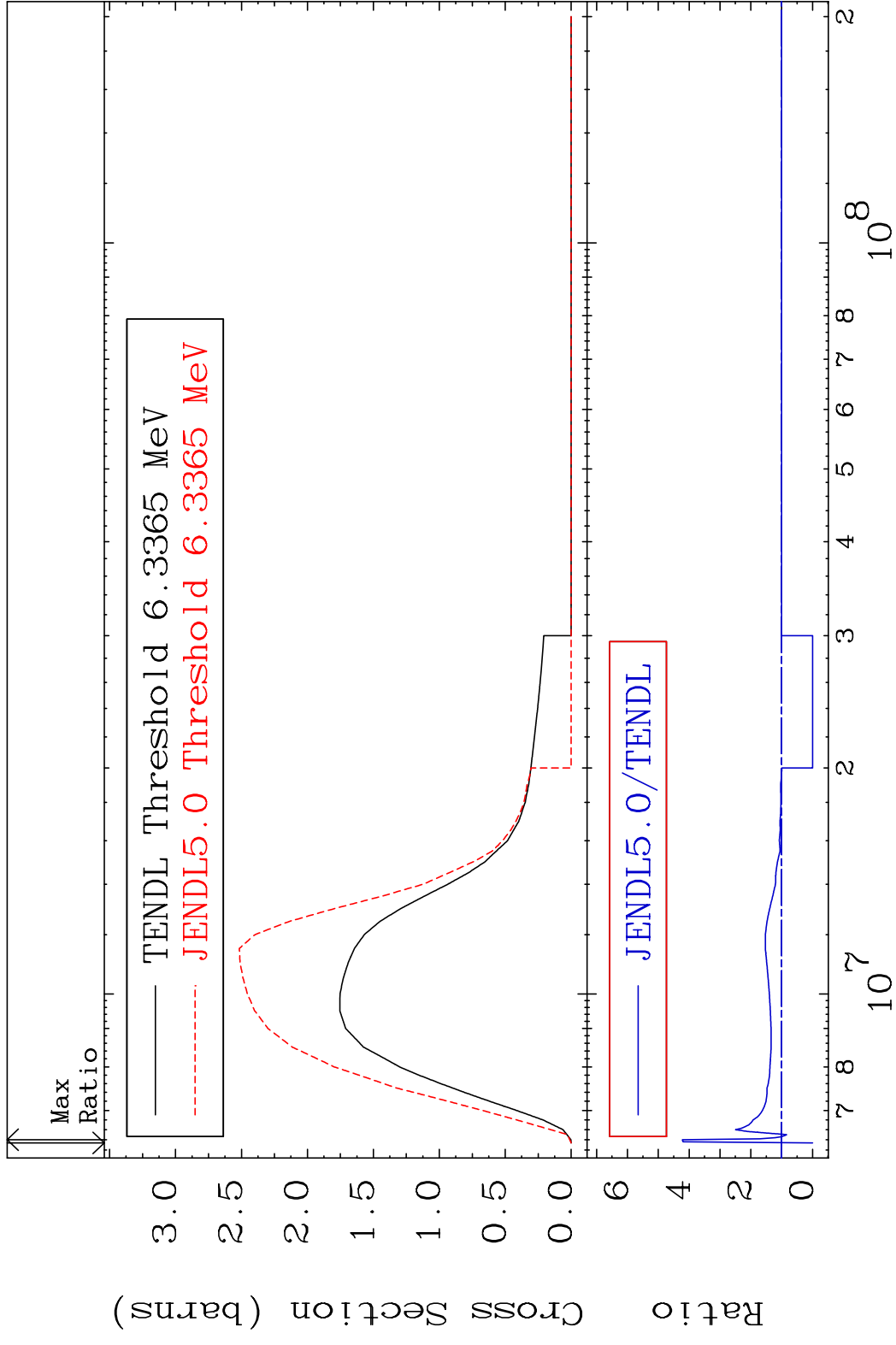
88-Ra-228

MAT 8840 (n, remainder) 88-Ra-228
 Cross Section 4.956 To 35.35 %



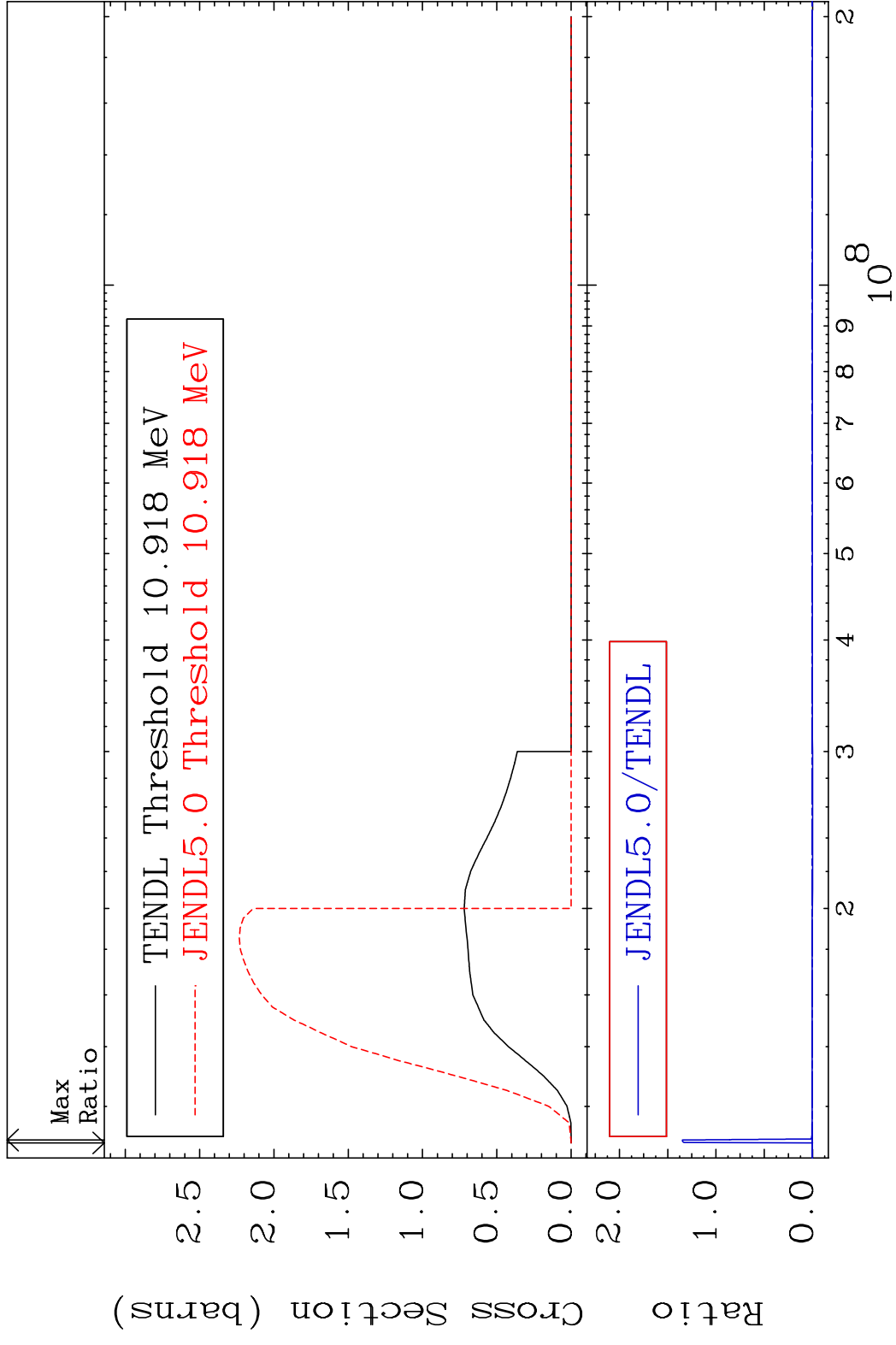
4 Incident Energy (eV) 88-Ra-228

MAT 8840 (n,2n) 88-Ra-228
 Cross Section -100.0 To 321.9 %



5 Incident Energy (eV) 88-Ra-228

MAT 8840 (n,3n) 88-Ra-228
 Cross Section -100.0 To 9999. %



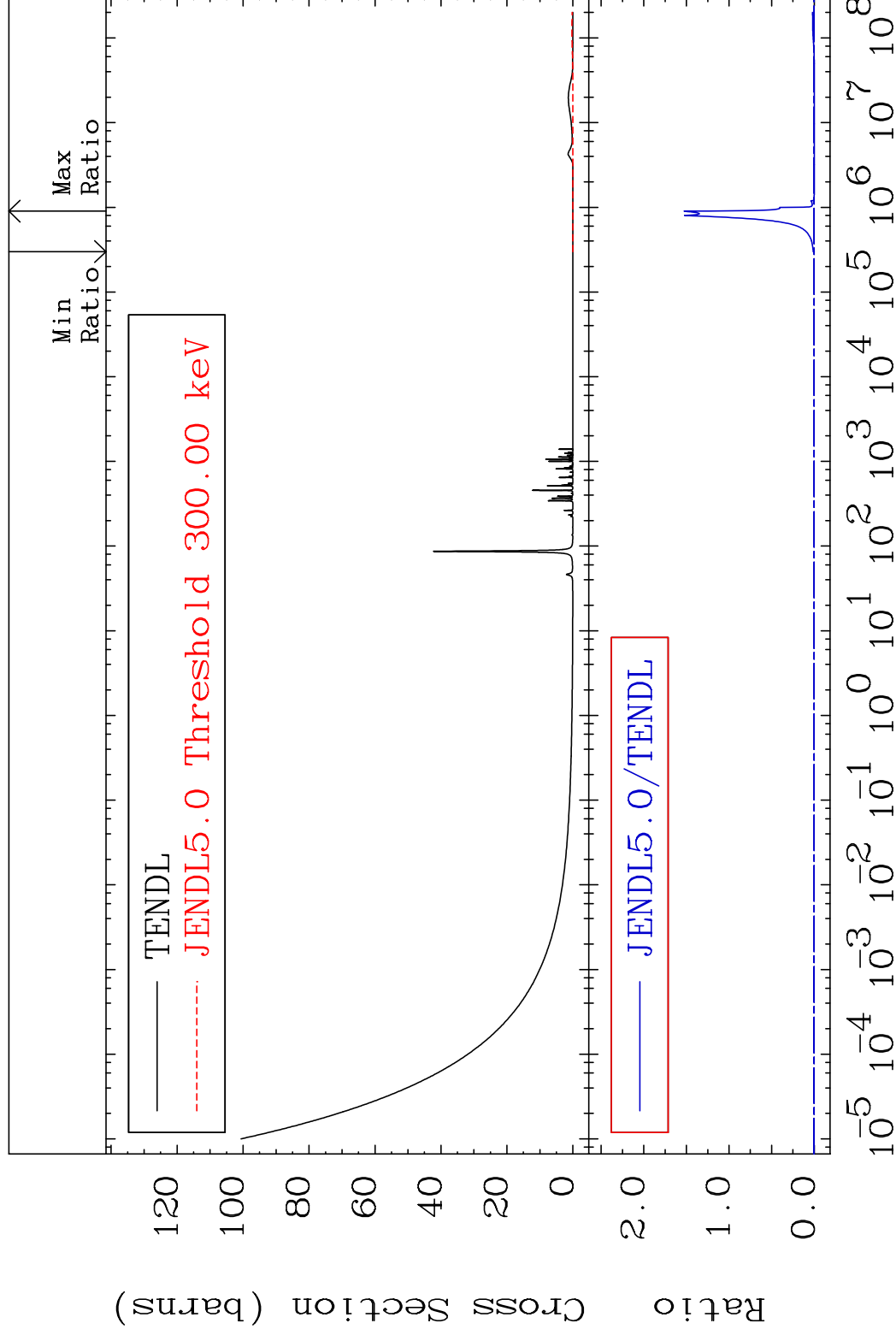
MAT 8840

Fission

88-Ra-228

Cross Section

-100.0 To 9999. %



7

Incident Energy (eV)

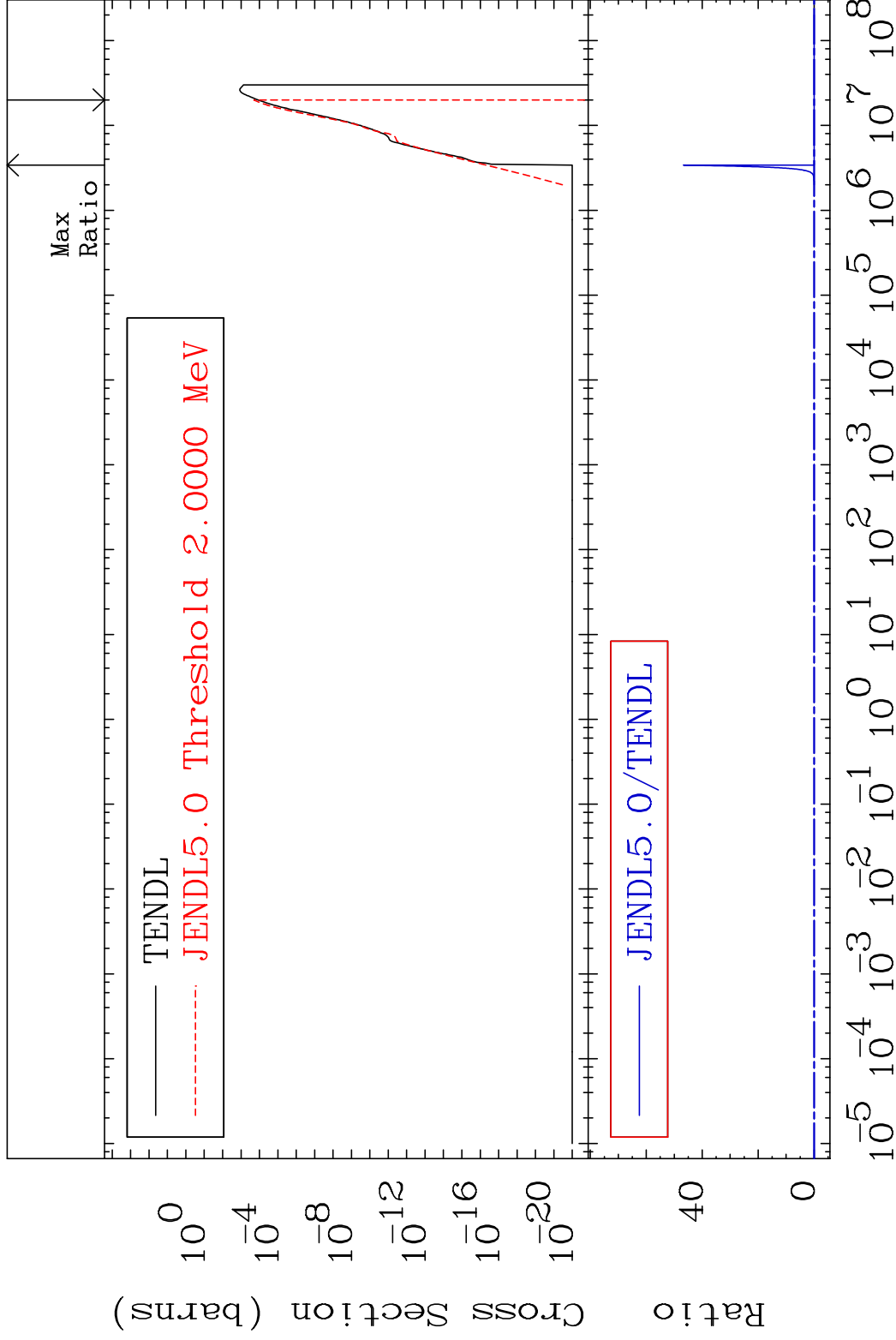
88-Ra-228

MAT 8840

(n, n') α

88-Ra-228

Cross Section -100.0 To 9999. %

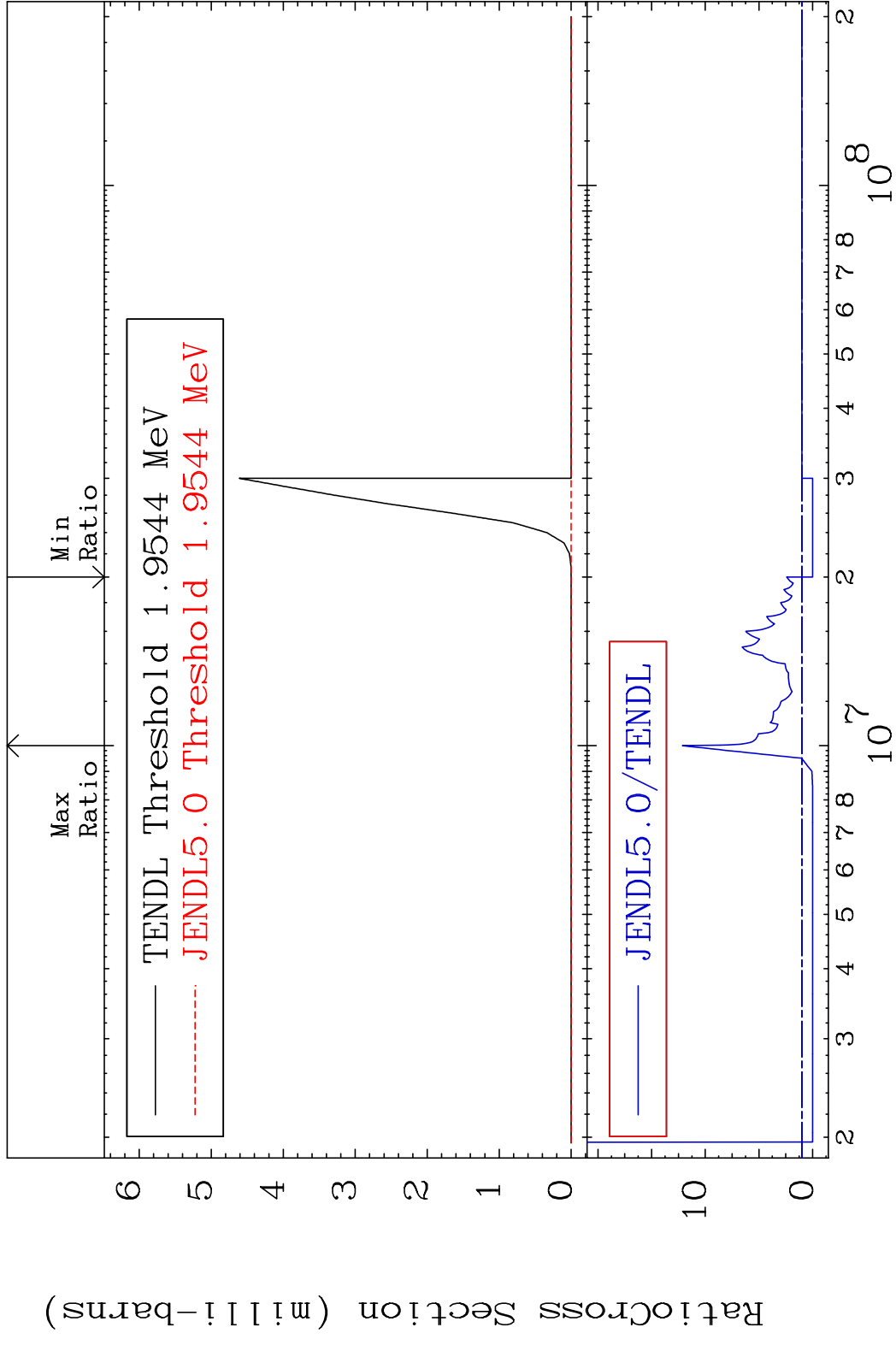


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Incident Energy (eV)

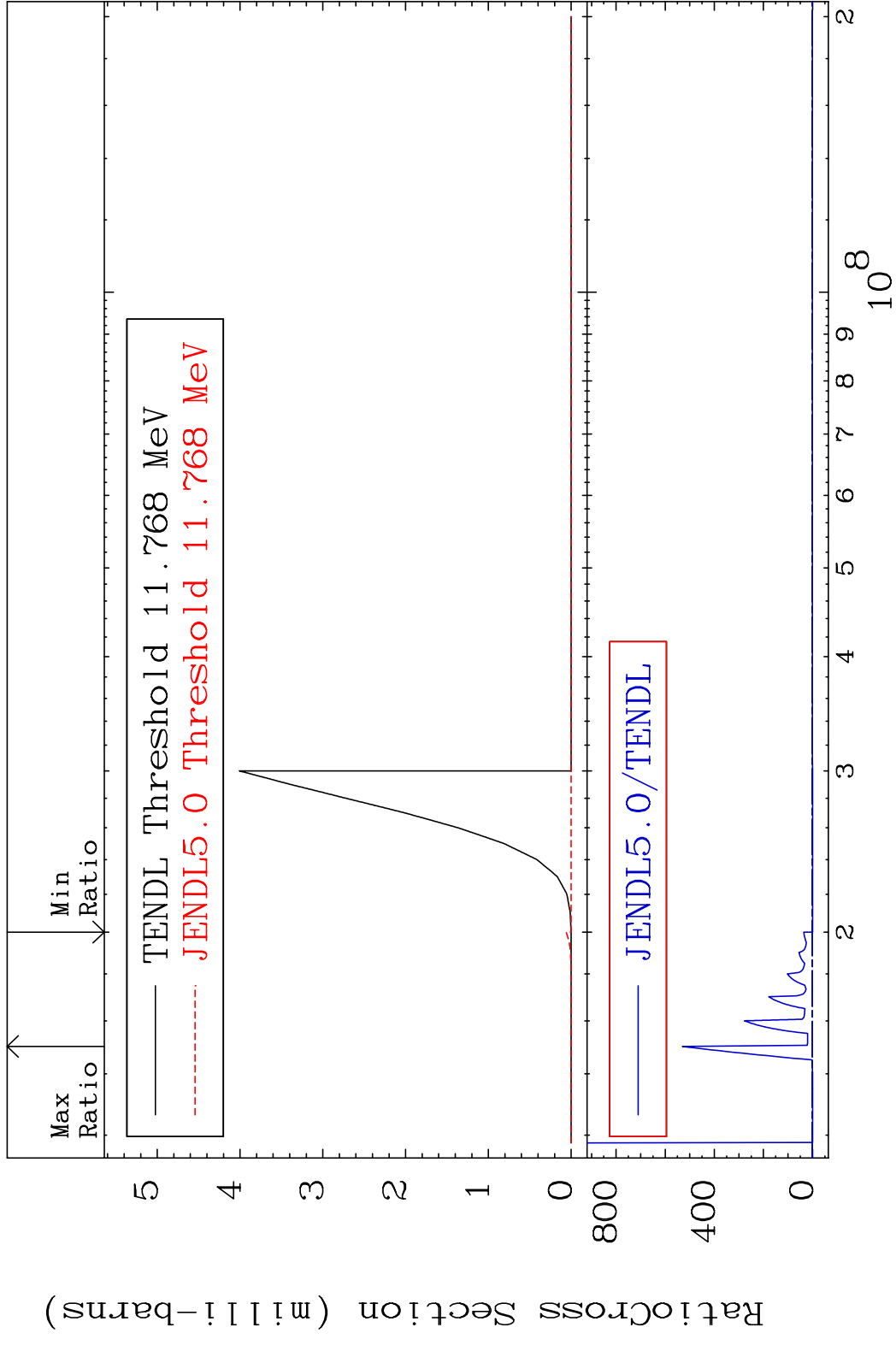
88-Ra-228

MAT 8840 (n,2n) α 88-Ra-228
 Cross Section -100.0 To 1114. %

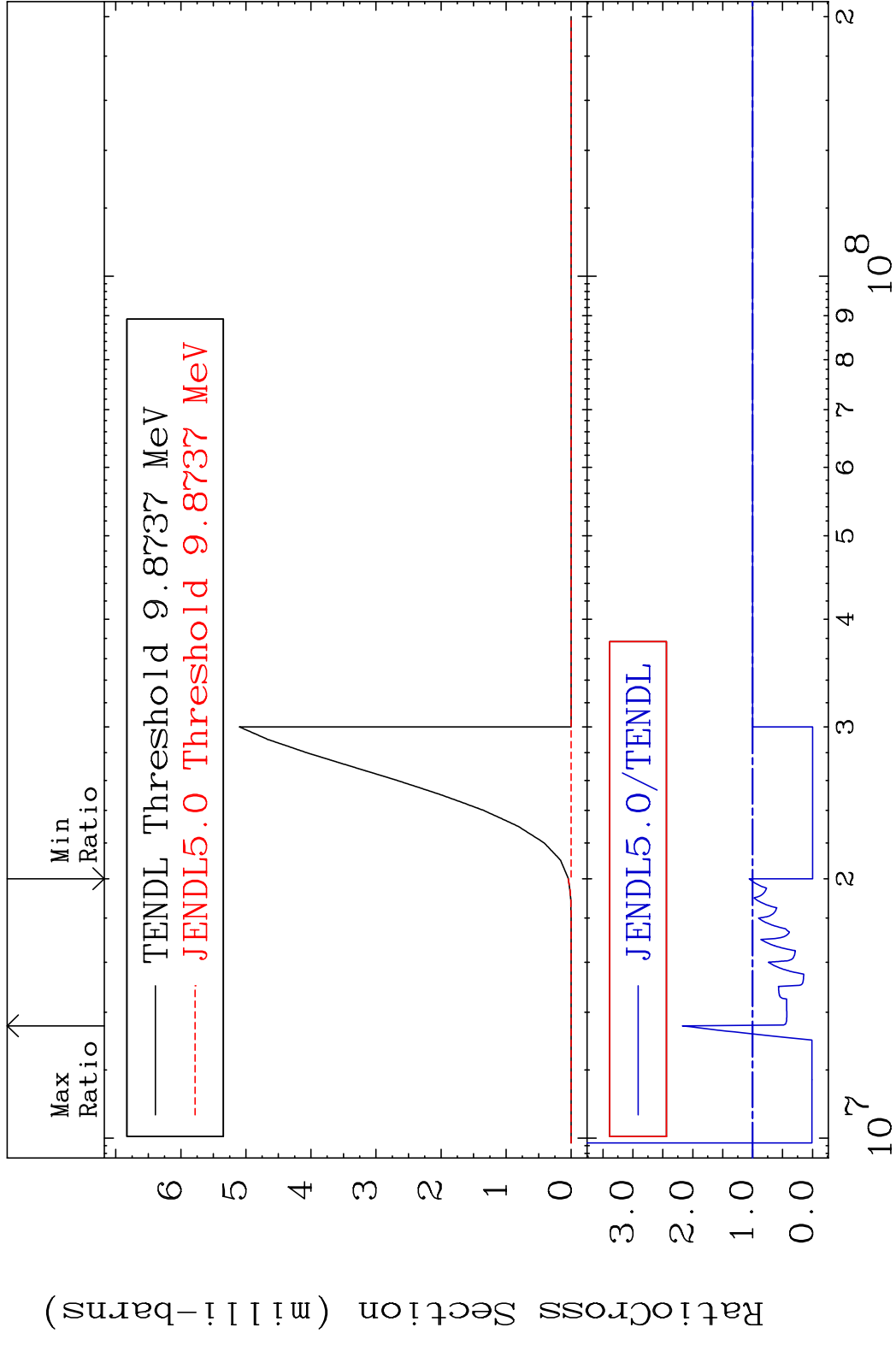


9 Incident Energy (eV) 88-Ra-228

MAT 8840 (n, n') d 88-Ra-228
 Cross Section -100.0 To 9999. %



MAT 8840 (n, n') t 88-Ra-228
 Cross Section -100.0 To 117.4 %



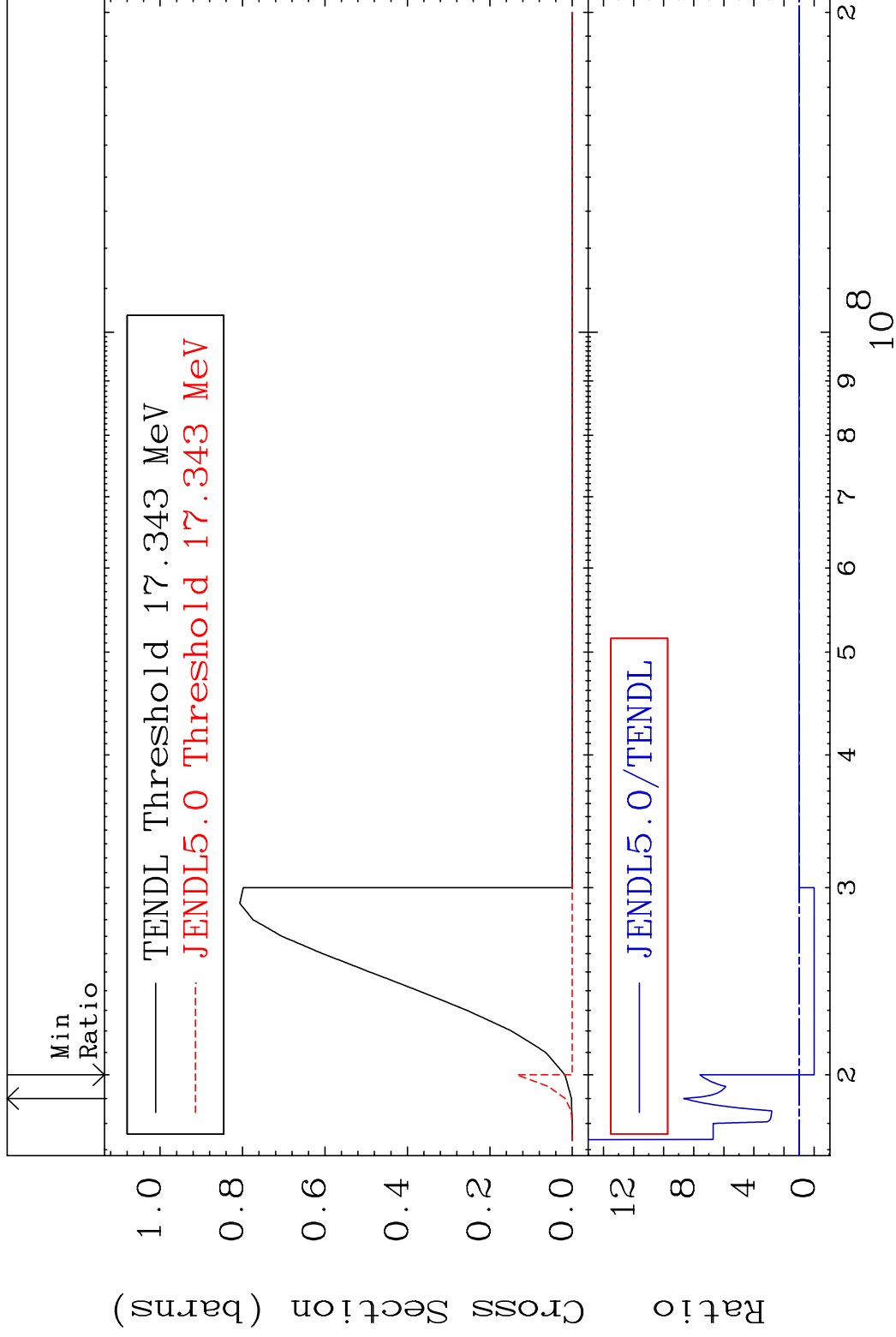
12 Incident Energy (eV) 88-Ra-228

MAT 8840

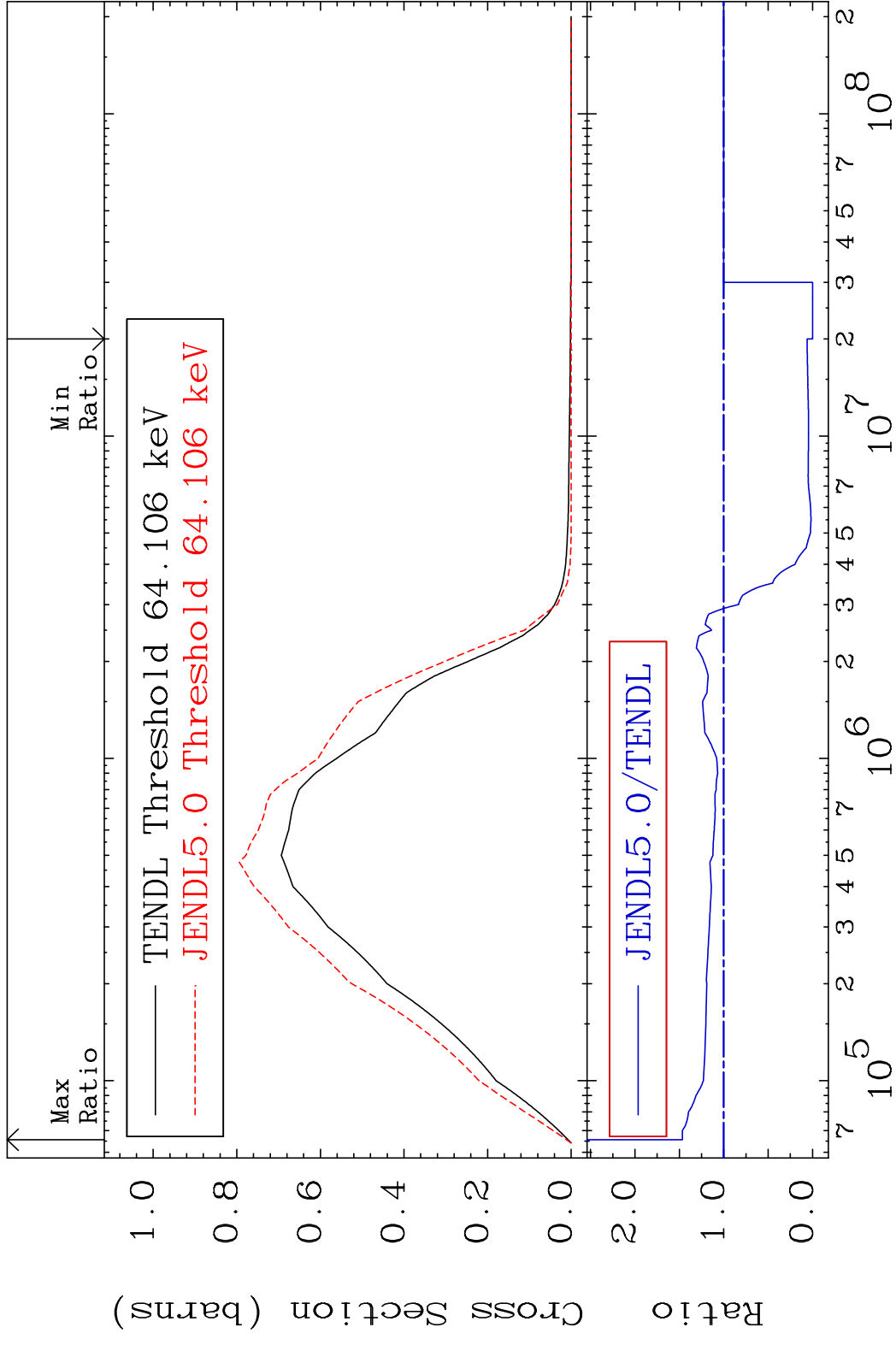
(n, 4n)

88-Ra-228

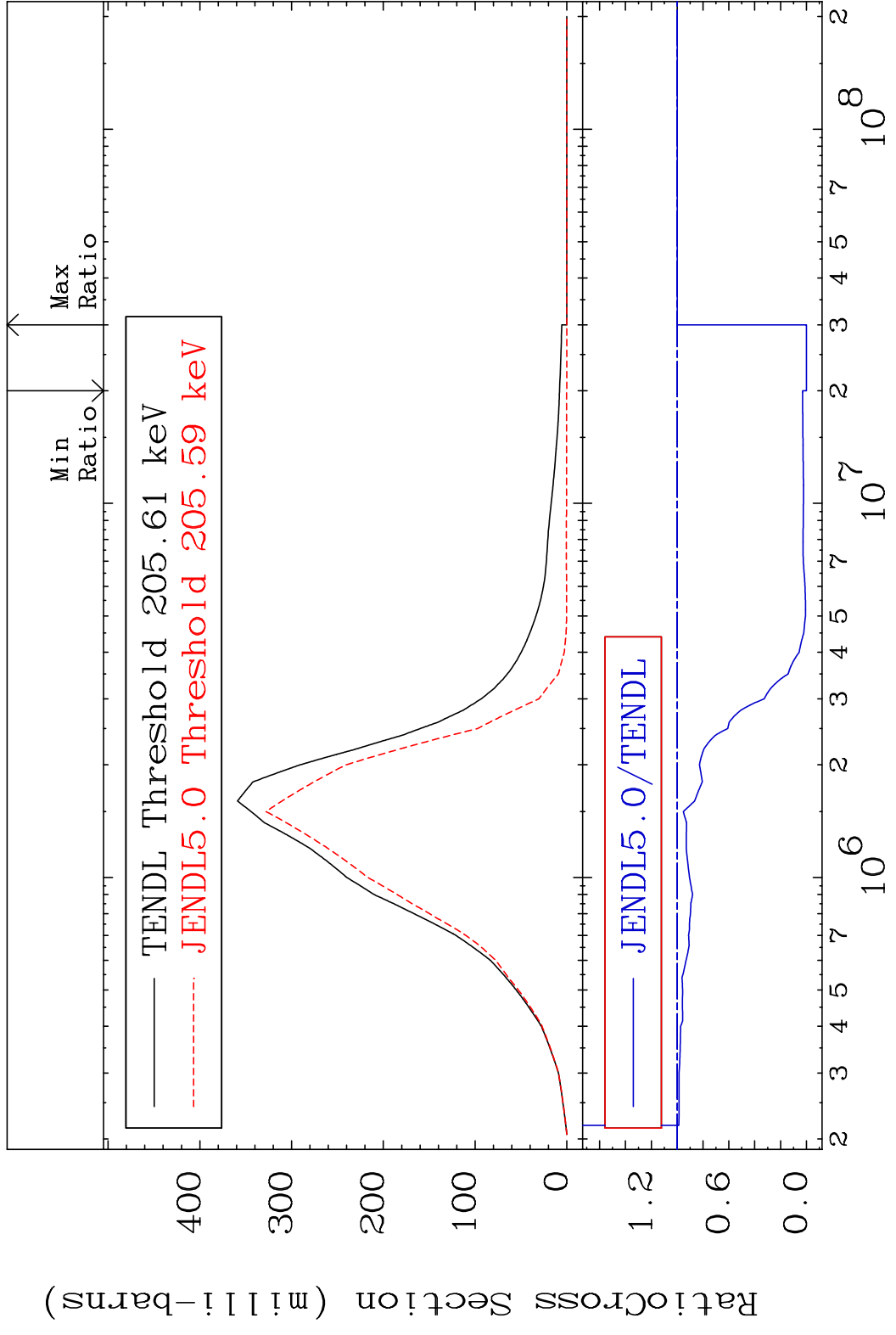
Cross Section -100.0 To 767.3 %



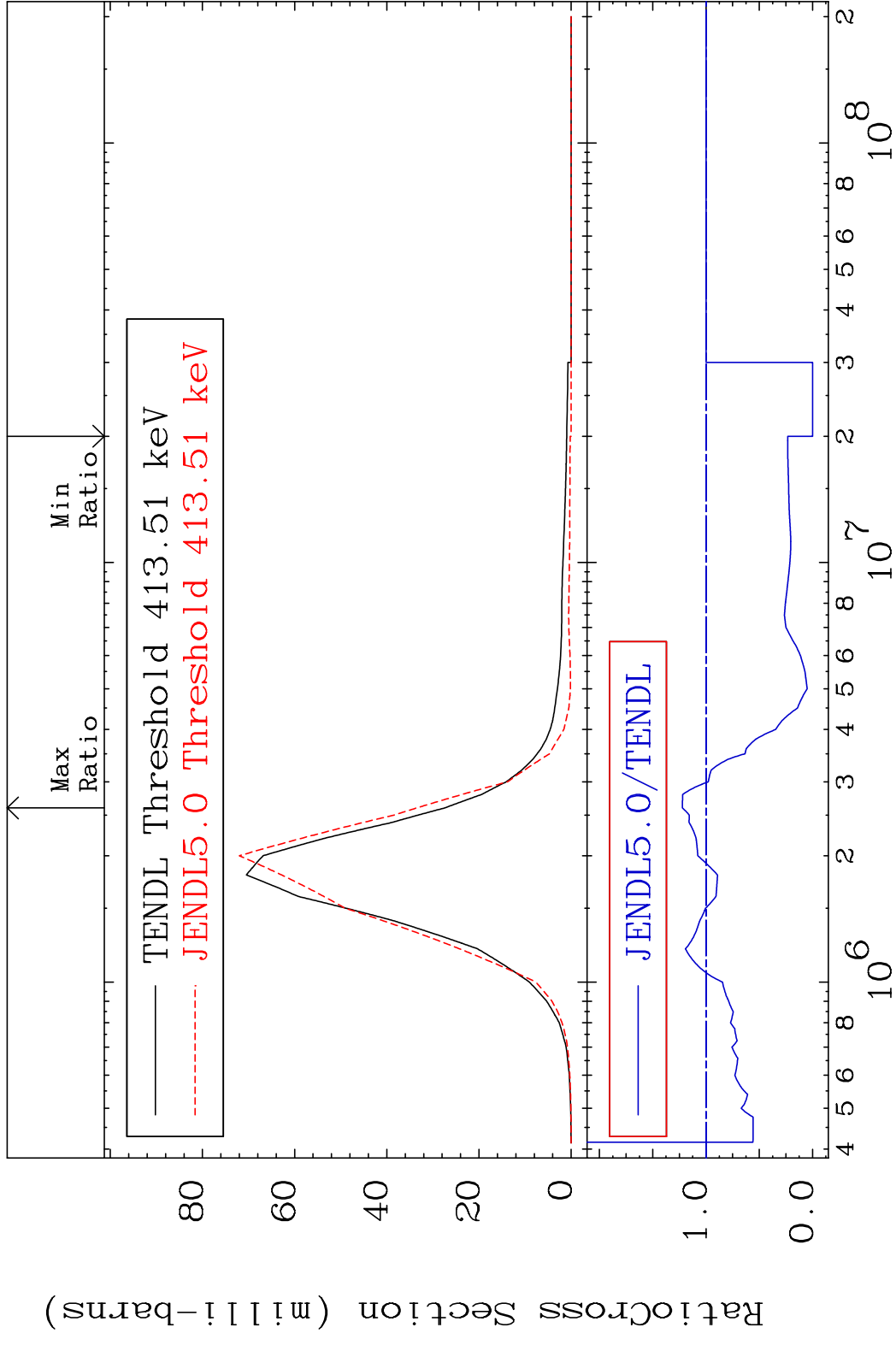
MAT 8840 MT= 51 (n,n') Level 88-Ra-228
 Cross Section -100.0 To 46.60 %



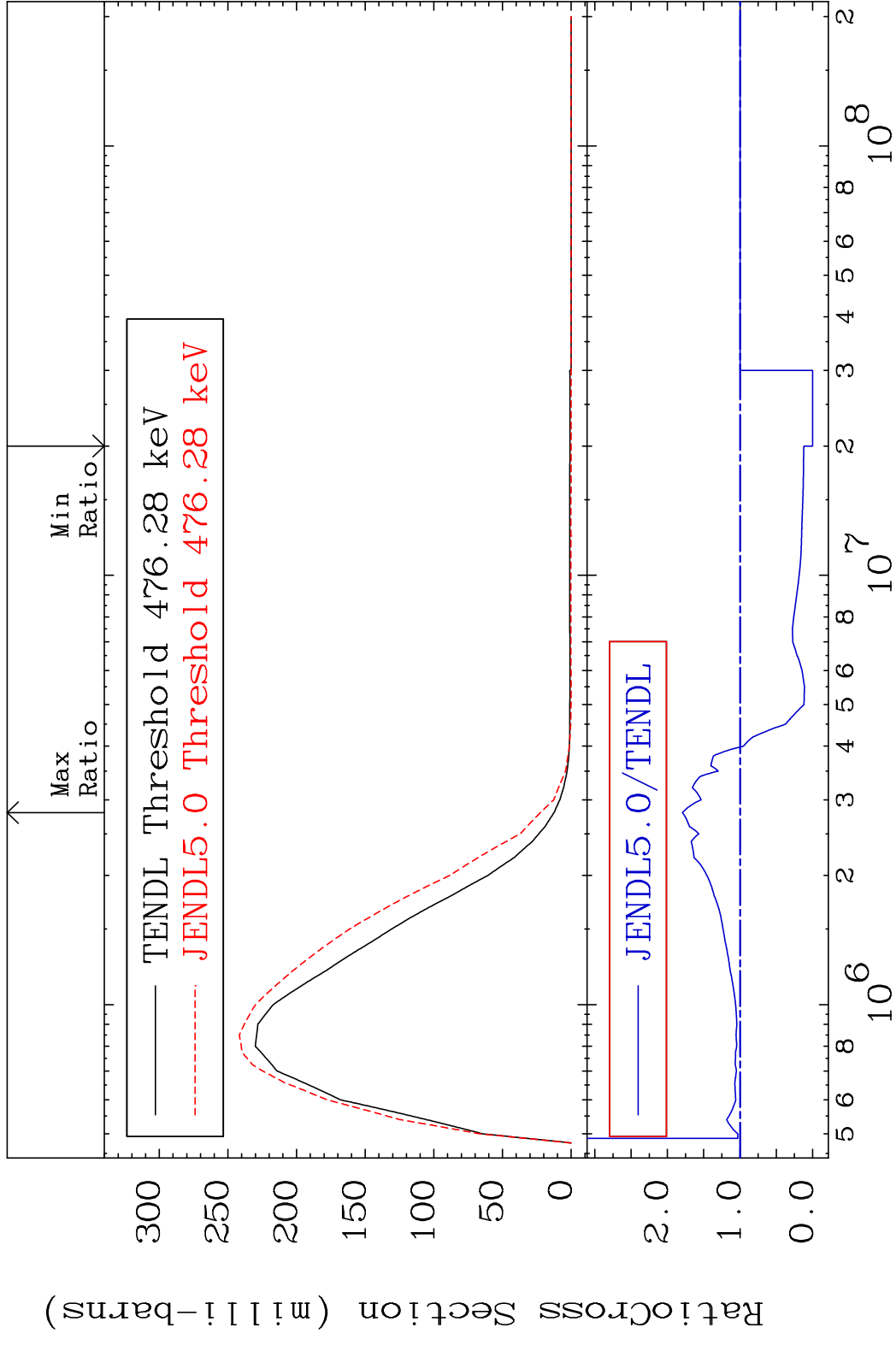
MAT 8840 MT= 52 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 0.000 %



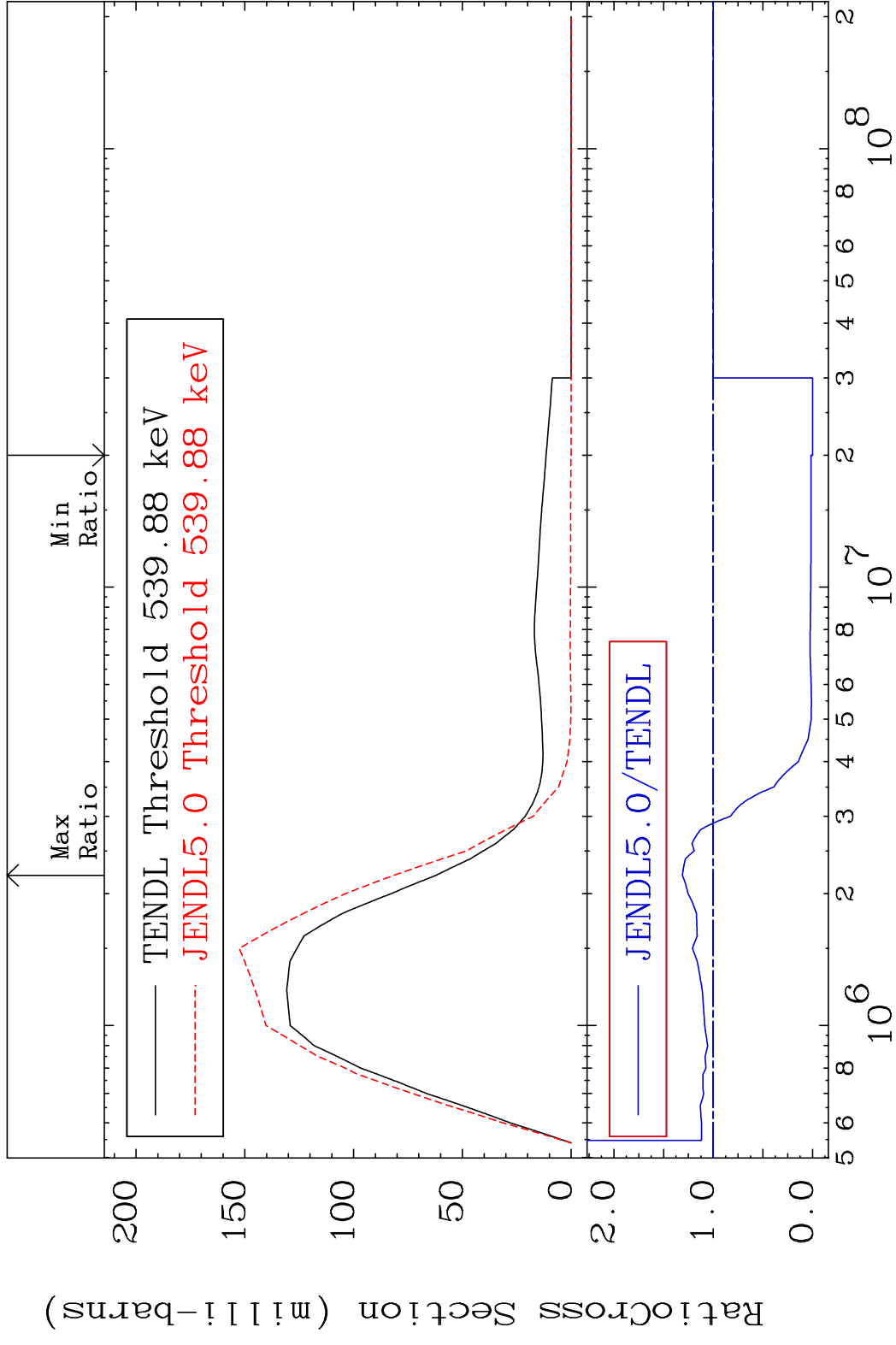
MAT 8840 MT= 53 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 22.20 %



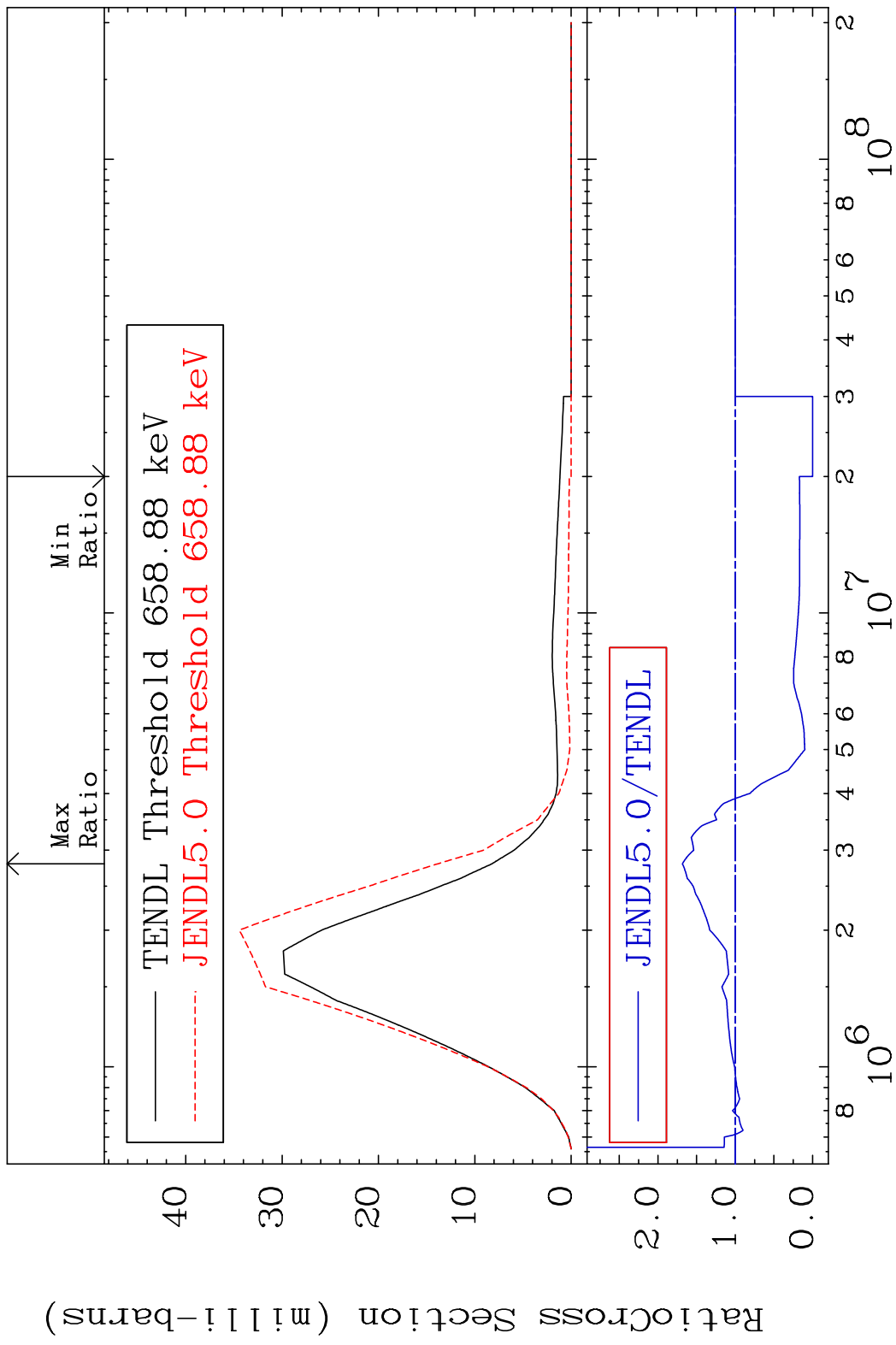
MAT 8840 MT= 54 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 79.41 %



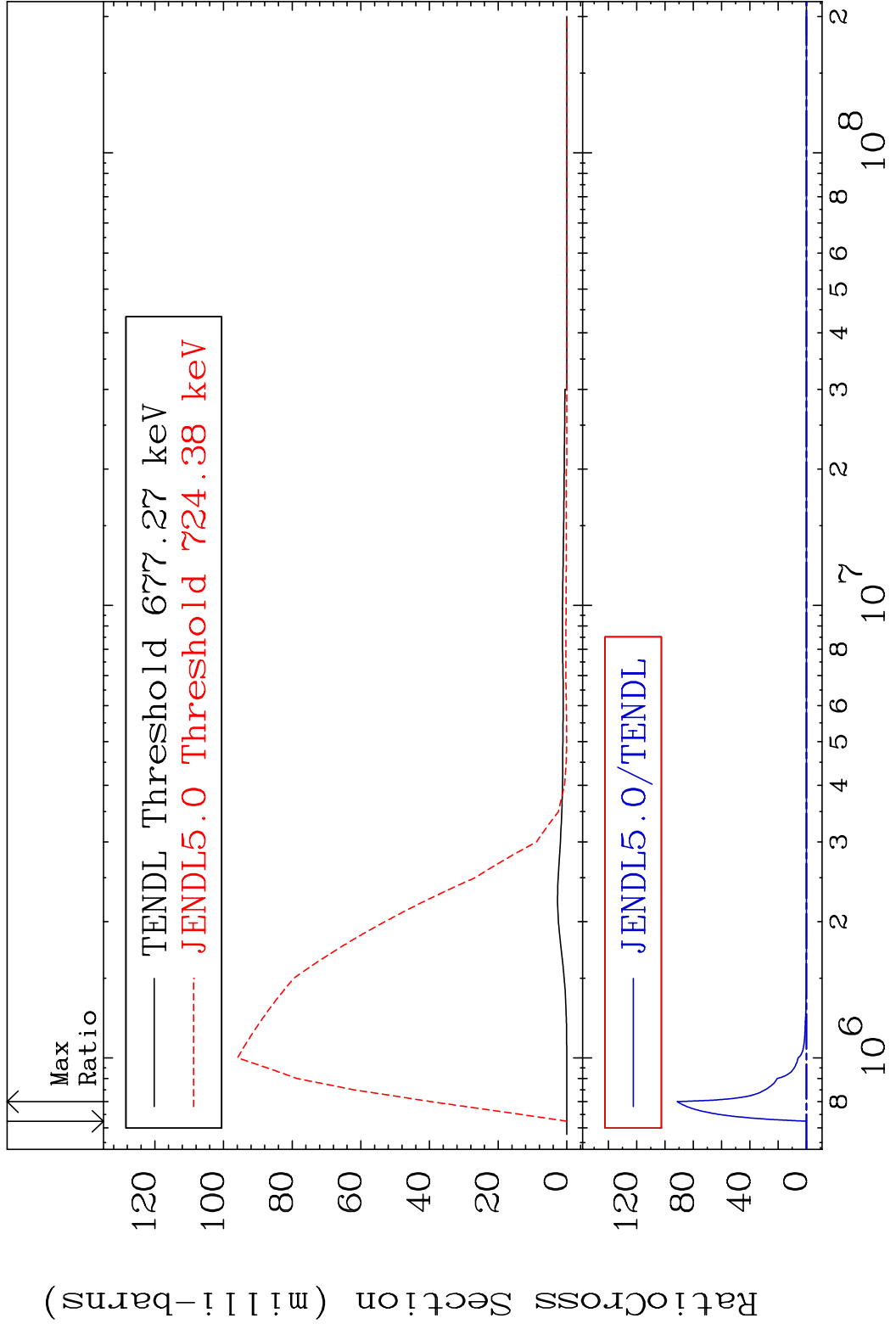
MAT 8840 MT= 55 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 31.12 %



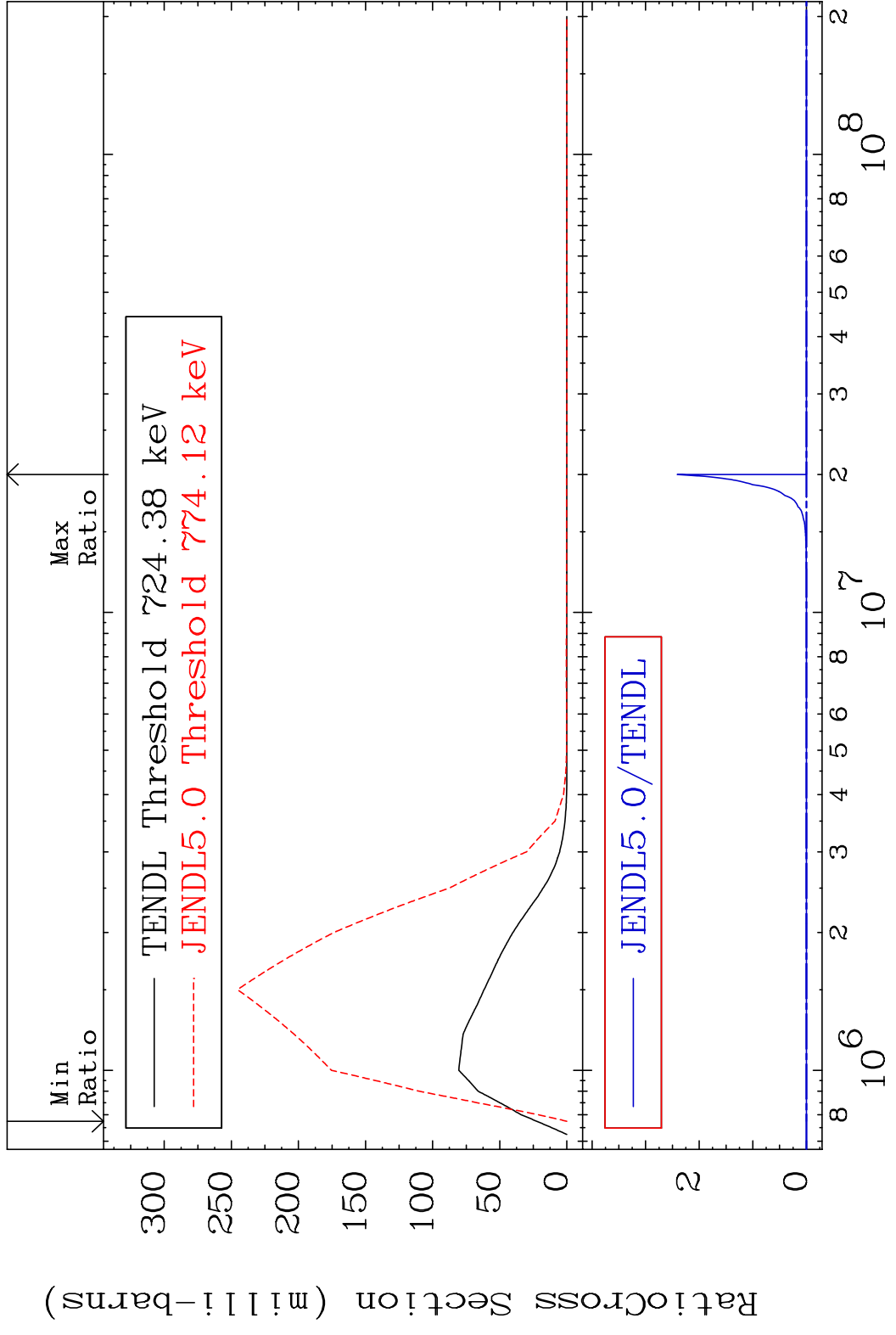
MAT 8840 MT= 56 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 68.43 %



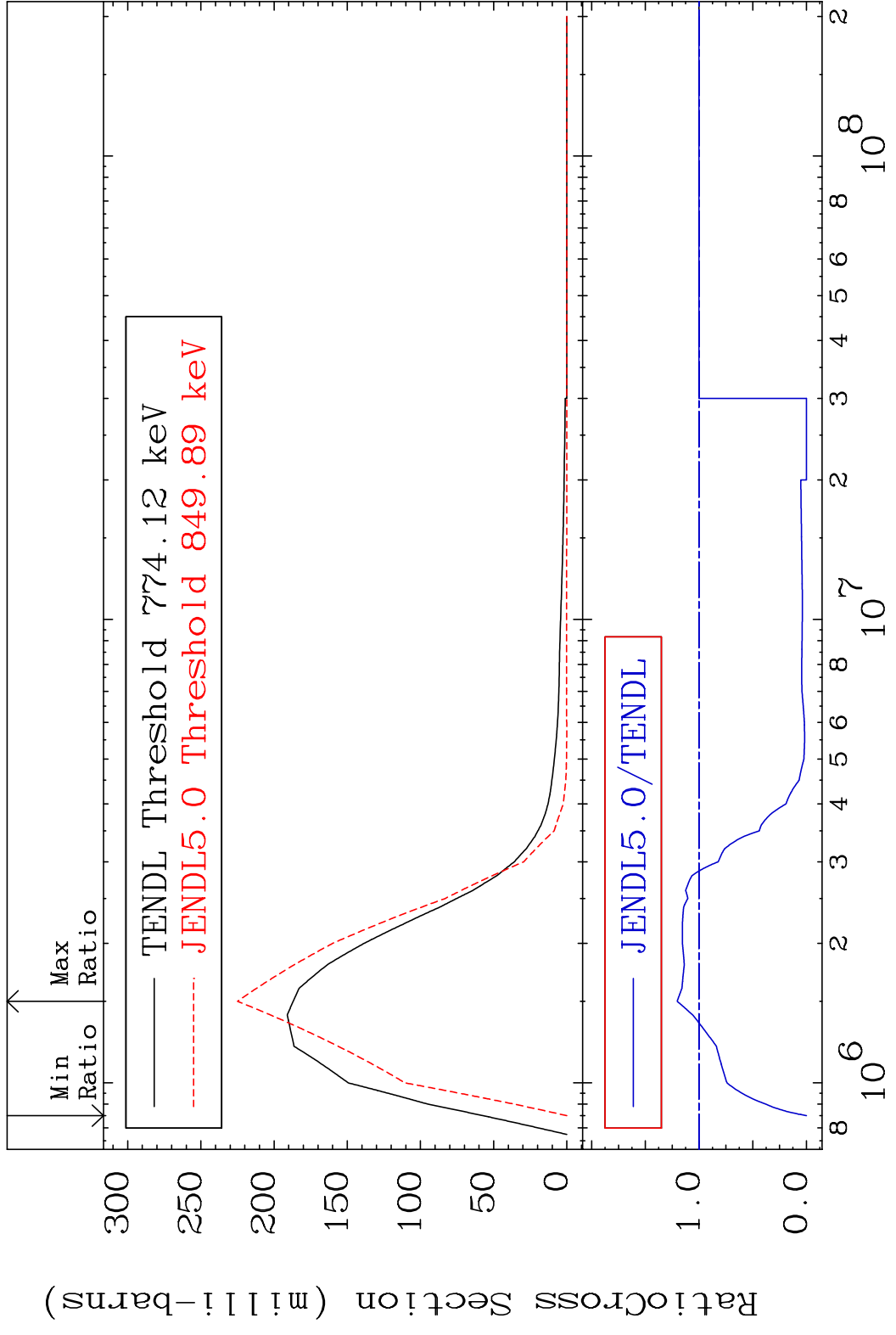
MAT 8840 MT= 57 (n,n') Level 88-Ra-228
 Cross Section -100.0 To 9999. %



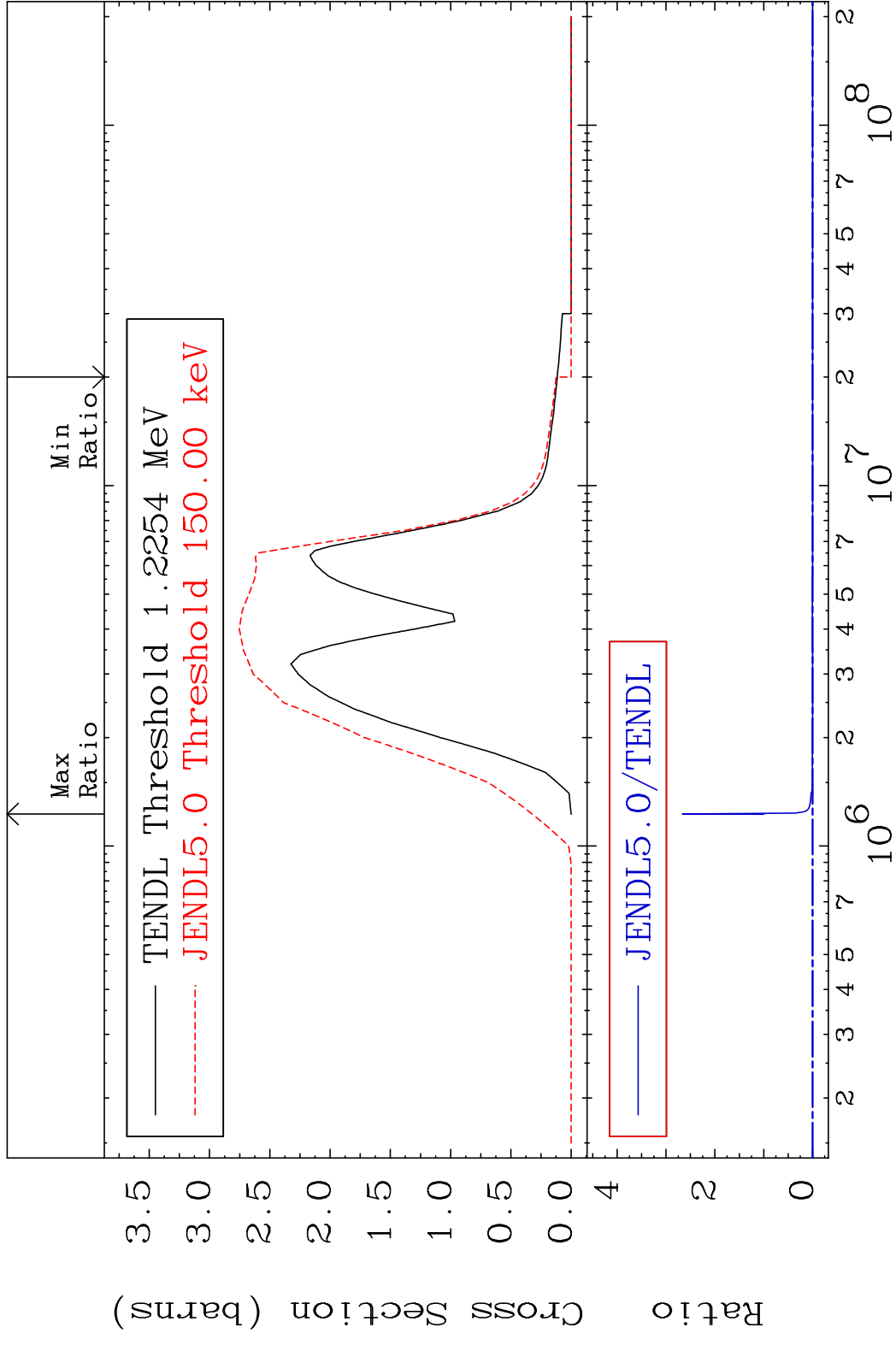
MAT 8840 MT= 58 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 9999. %



MAT 8840 MT= 59 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 20.34 %



MAT 8840 (n,n') Continuum 88-Ra-228
 Cross Section -100.0 To 9999. %

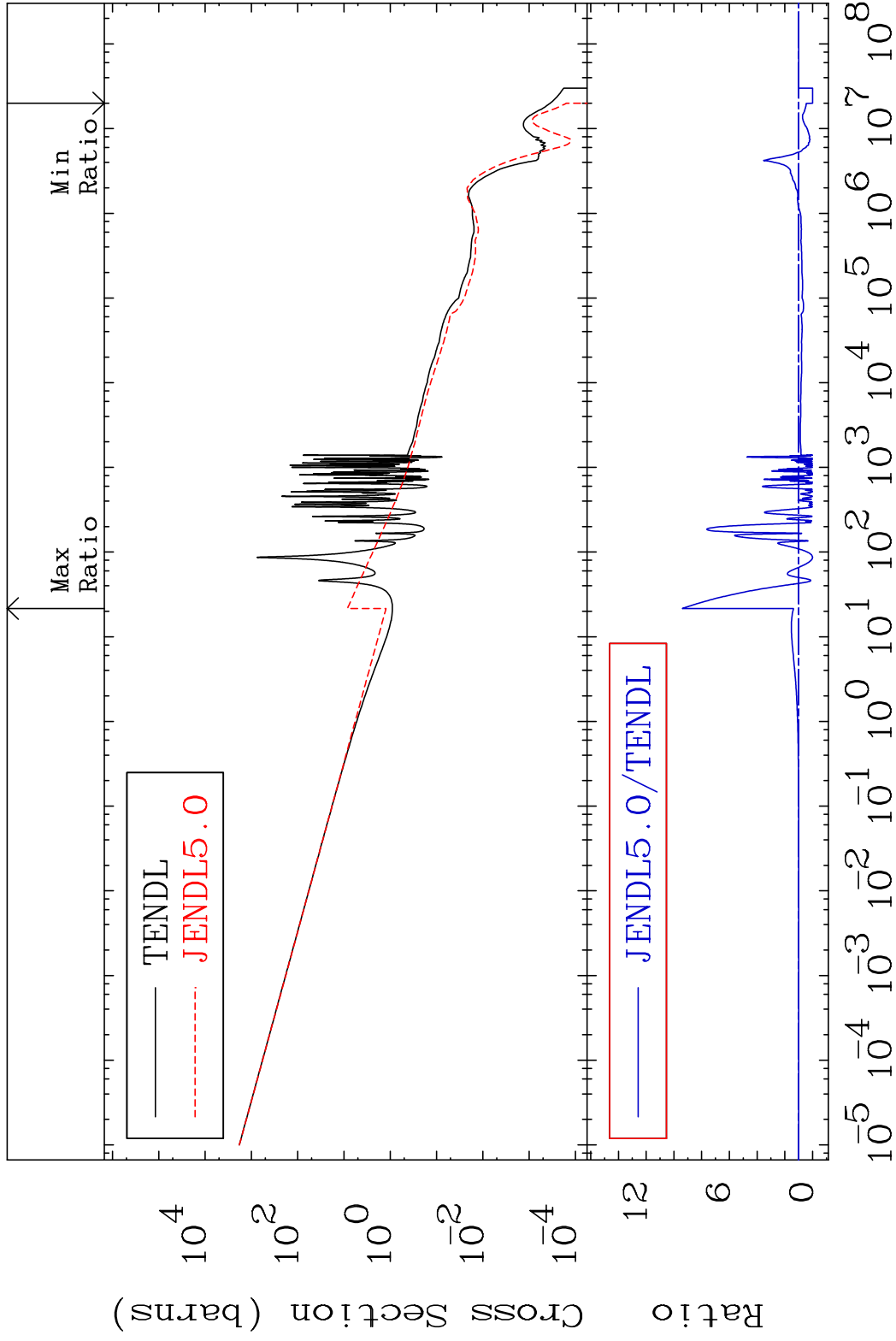


MAT 8840

(n, γ)

88-Ra-228

Cross Section -100.0 To 839.0 %



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Incident Energy (eV)

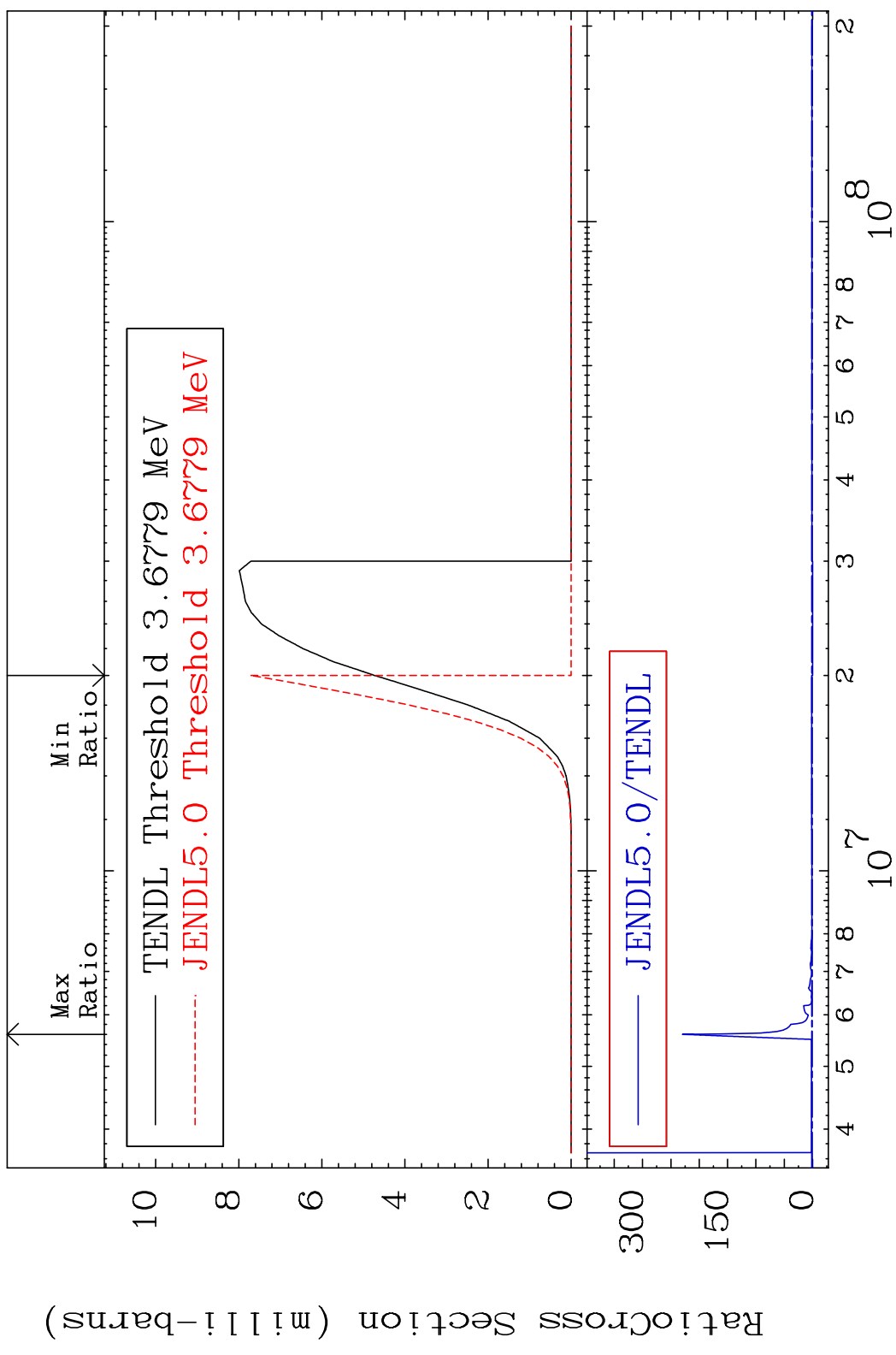
88-Ra-228

MAT 8840

(n, p)

88-Ra-228

Cross Section -100.0 To 9999. %

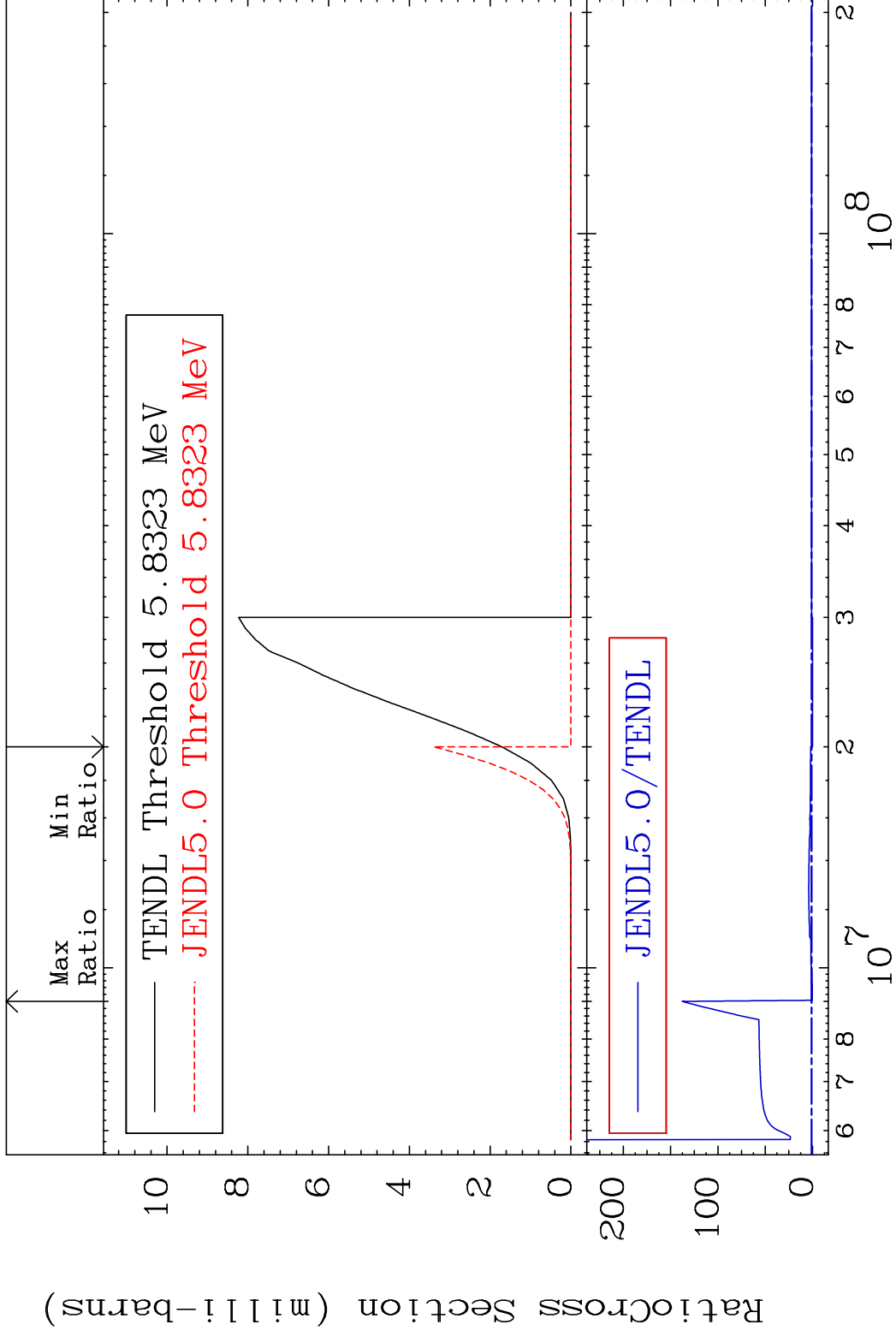


MAT 8840

(n,d)

88-Ra-228

Cross Section -100.0 To 9999. %

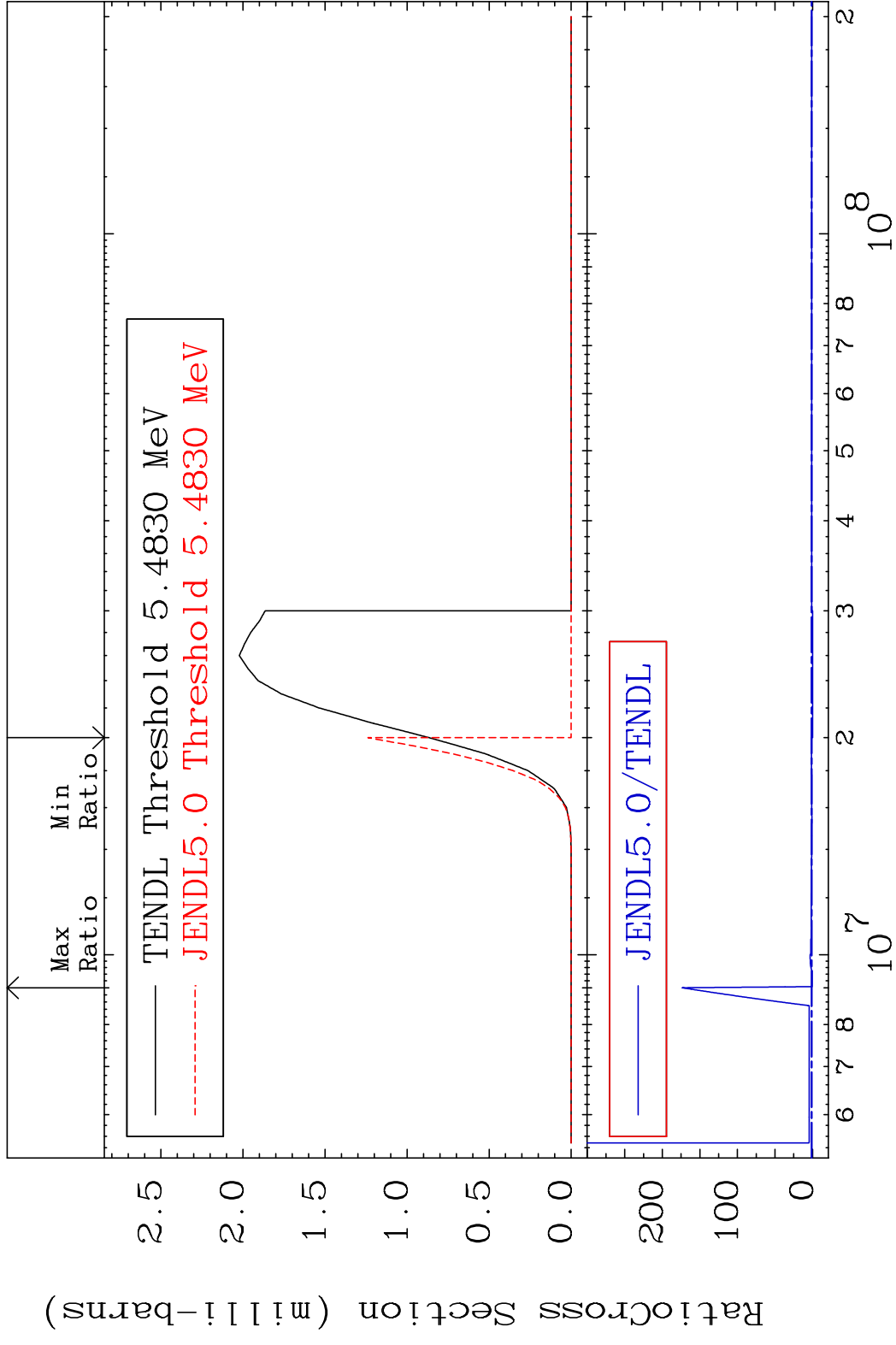


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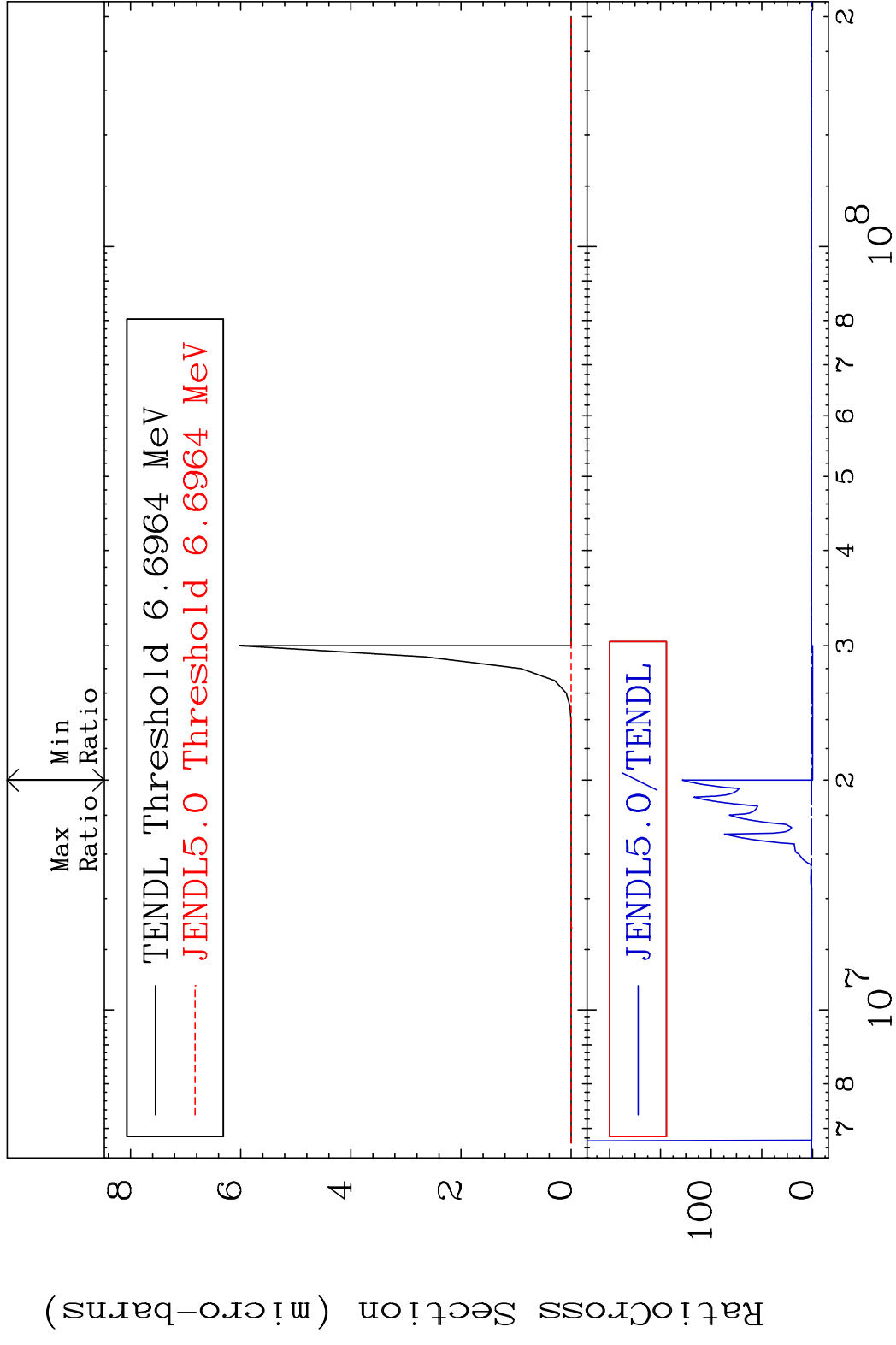
Incident Energy (eV)

88-Ra-228

MAT 8840 (n, t) 88-Ra-228
 Cross Section -100.0 To 9999. %



MAT 8840 (n, He-3) 88-Ra-228
 Cross Section -100.0 To 9999. %



28 Incident Energy (eV) 88-Ra-228

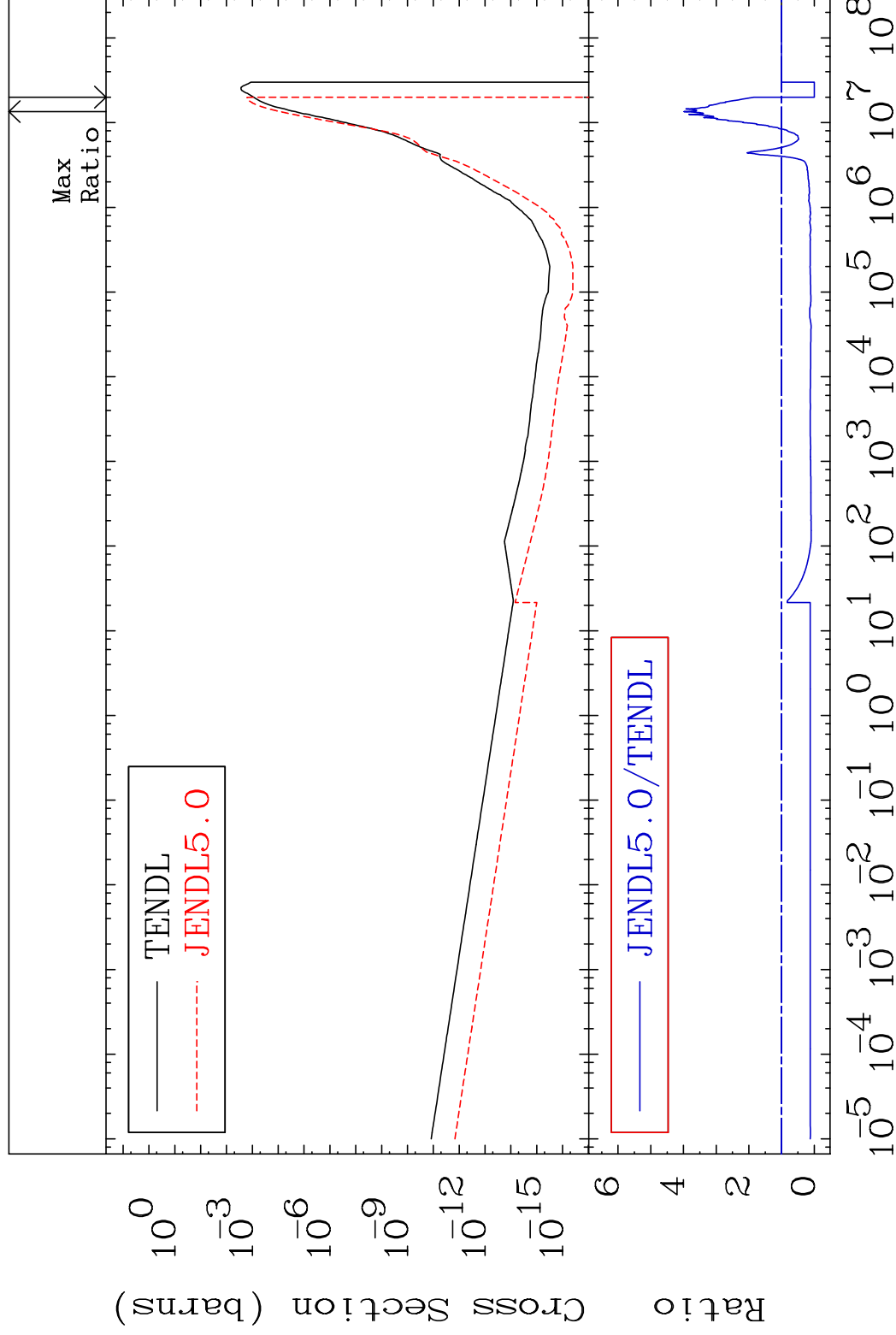
MAT 8840

(n, α)

88-Ra-228

Cross Section

-100.0 To 298.2 %



29

Incident Energy (eV)

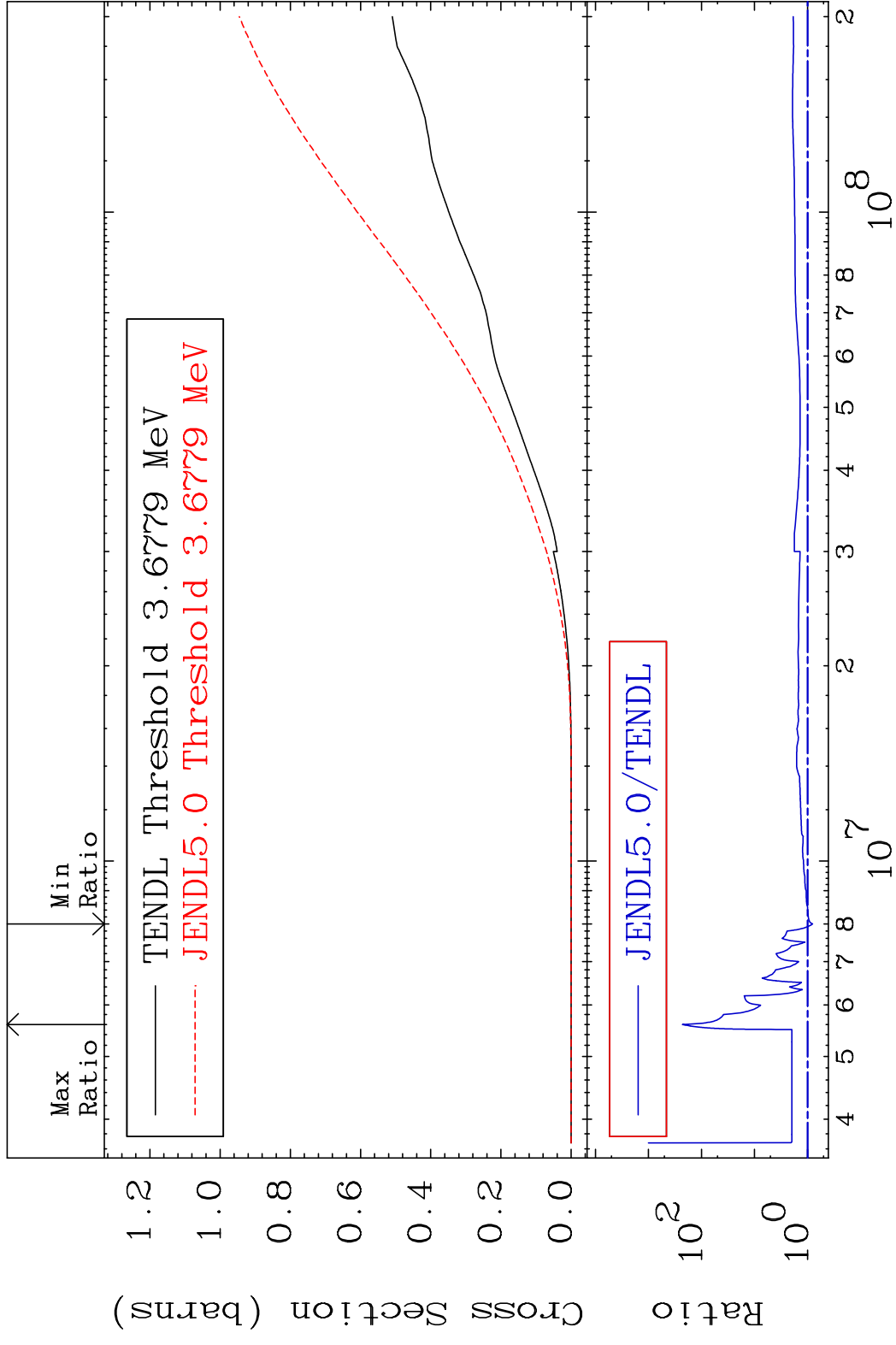
88-Ra-228

MAT 8840

Hydrogen Production

88-Ra-228

Cross Section -19.68 To 9999. %



30

Incident Energy (eV)

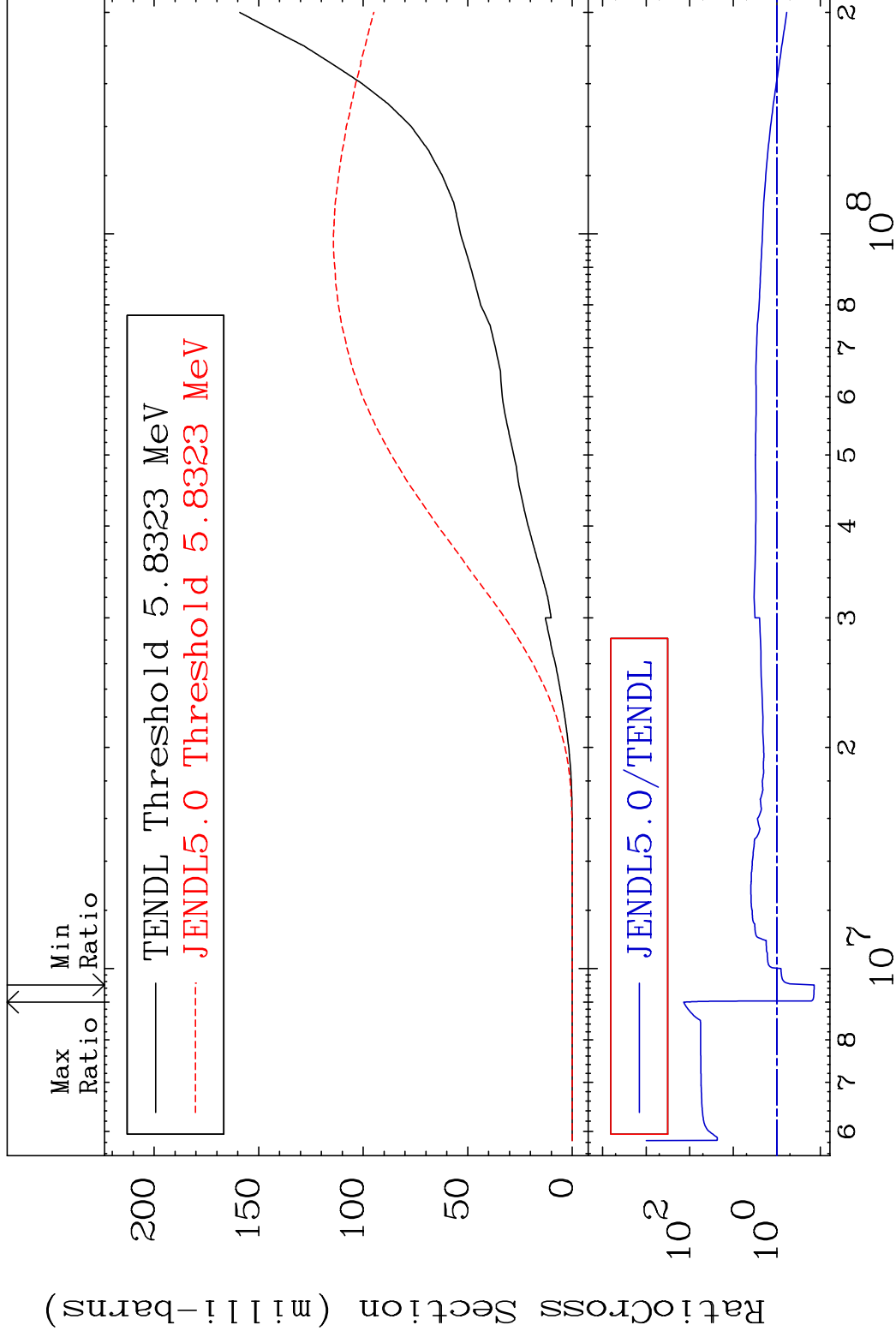
88-Ra-228

MAT 8840

Deuterium Production

88-Ra-228

Cross Section -86.03 To 9999. %



31

Incident Energy (eV)

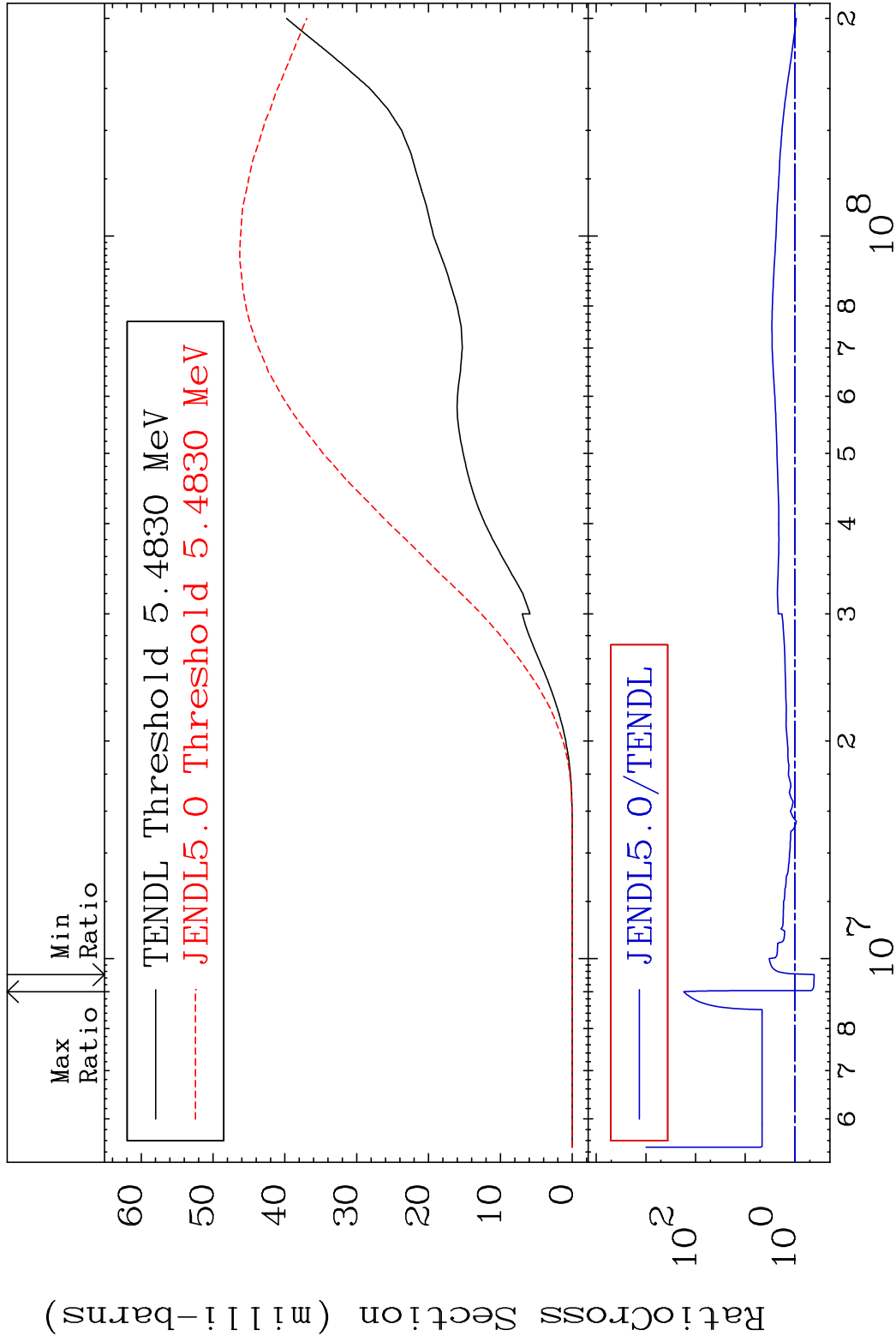
88-Ra-228

MAT 8840

Tritium Production

88-Ra-228

Cross Section -59.17 To 9999. %

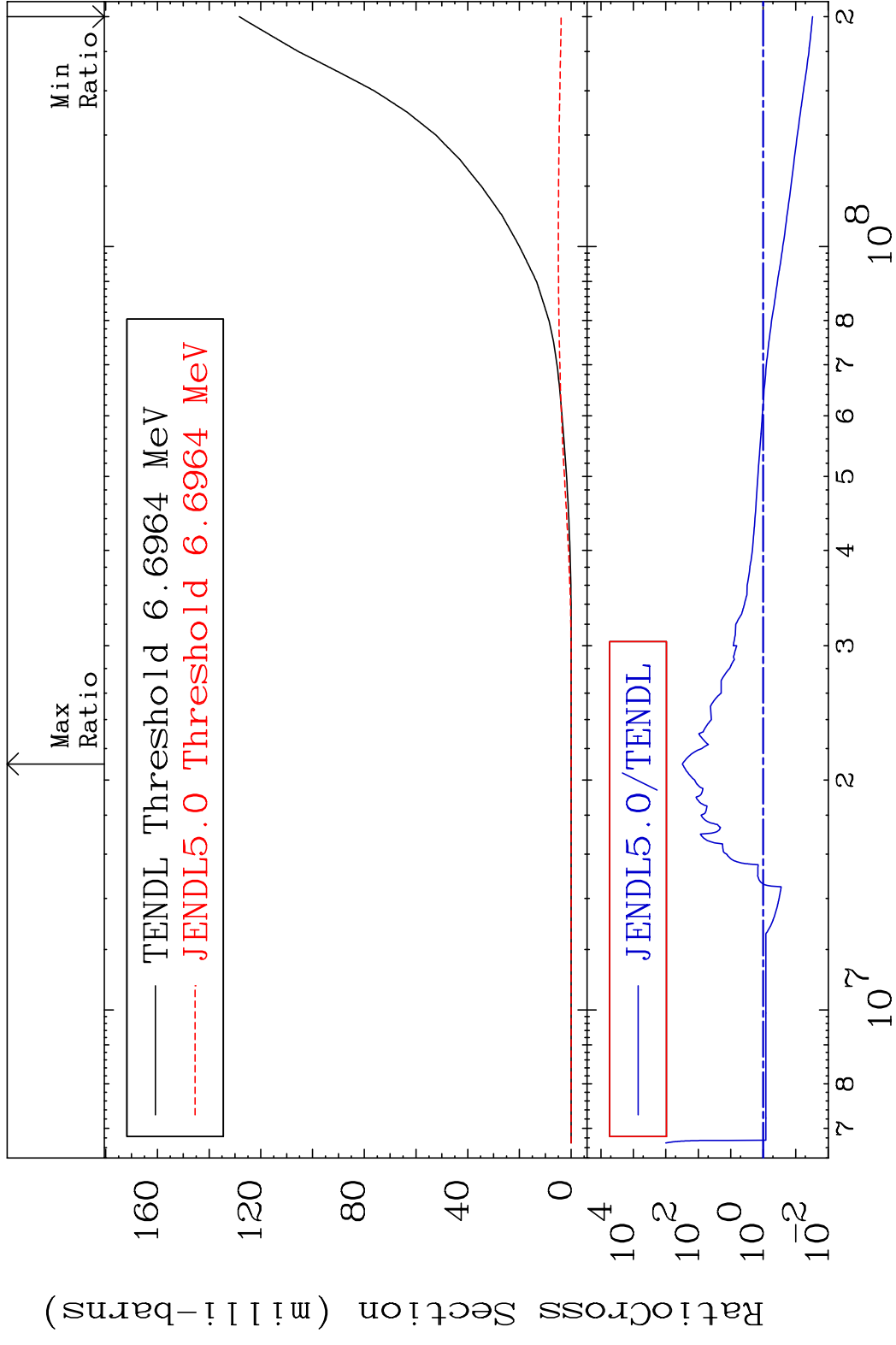


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Incident Energy (eV)

88-Ra-228

MAT 8840 He-3 Production 88-Ra-228
 Cross Section -96.99 To 9999. %

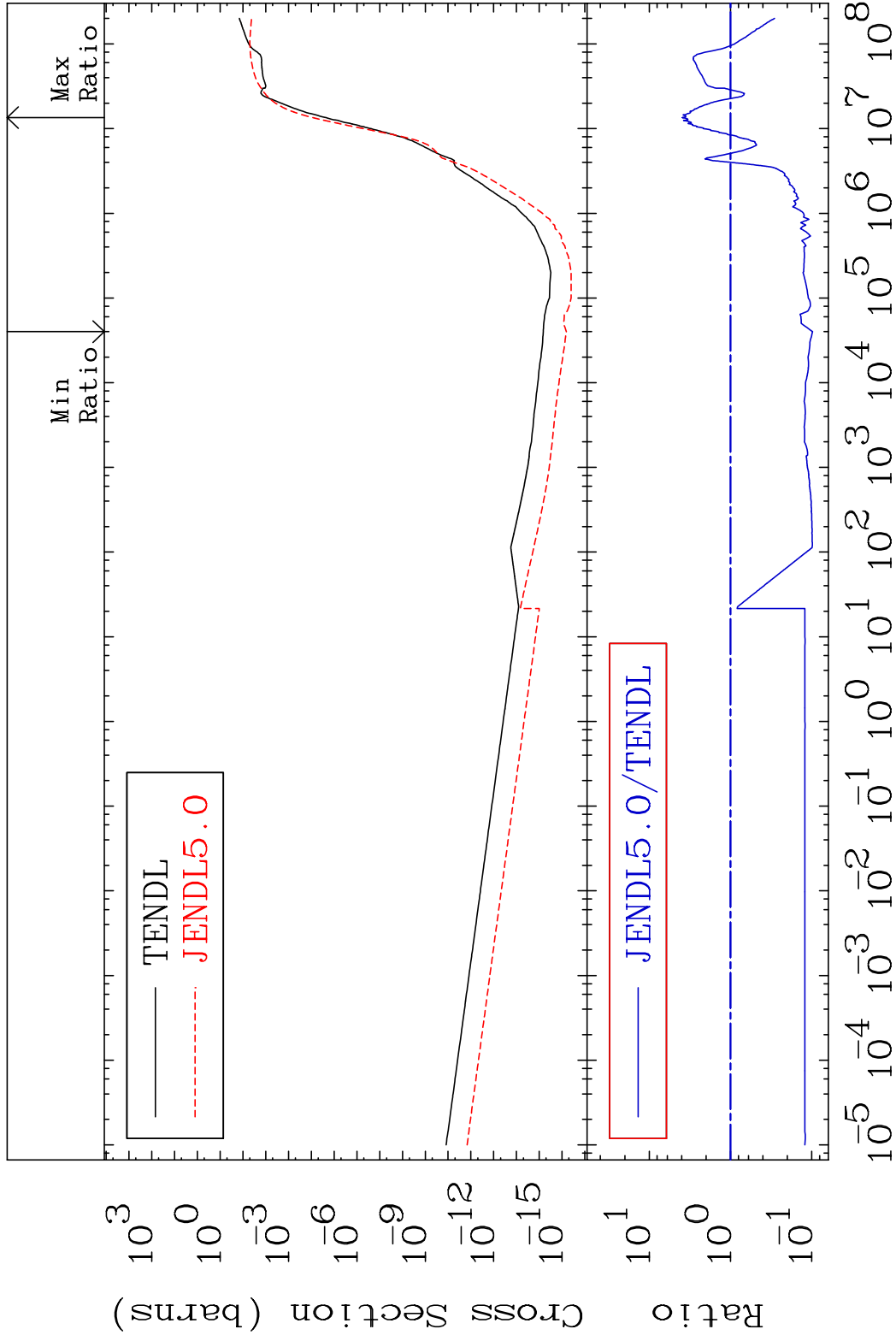


MAT 8840

He-4 Production

88-Ra-228

Cross Section -90.23 To 291.6 %

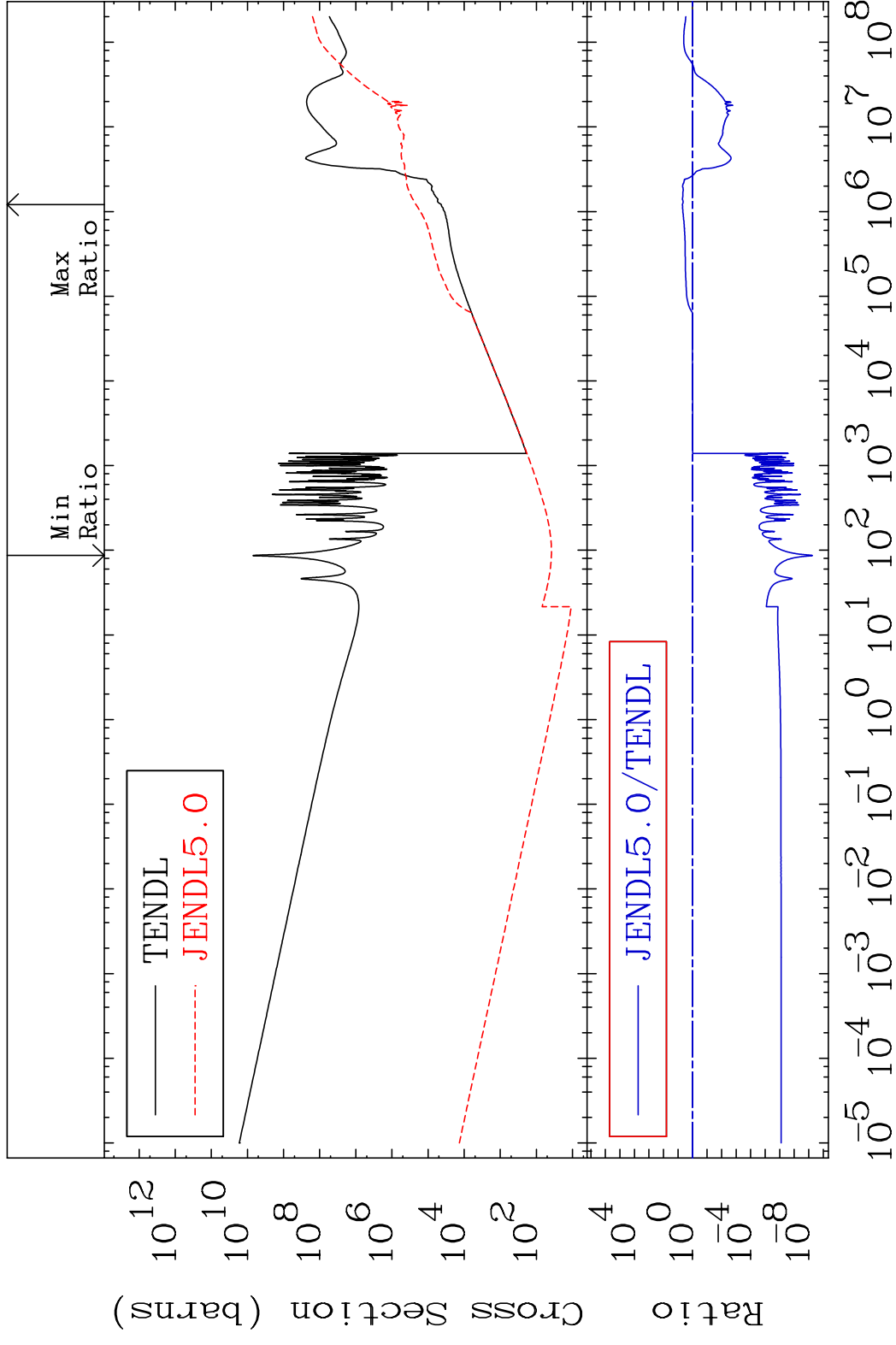


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Incident Energy (eV)

88-Ra-228

MAT 8840 Kerma total (eV-barns) 88-Ra-228
 Cross Section -100.0 To 400.9 %

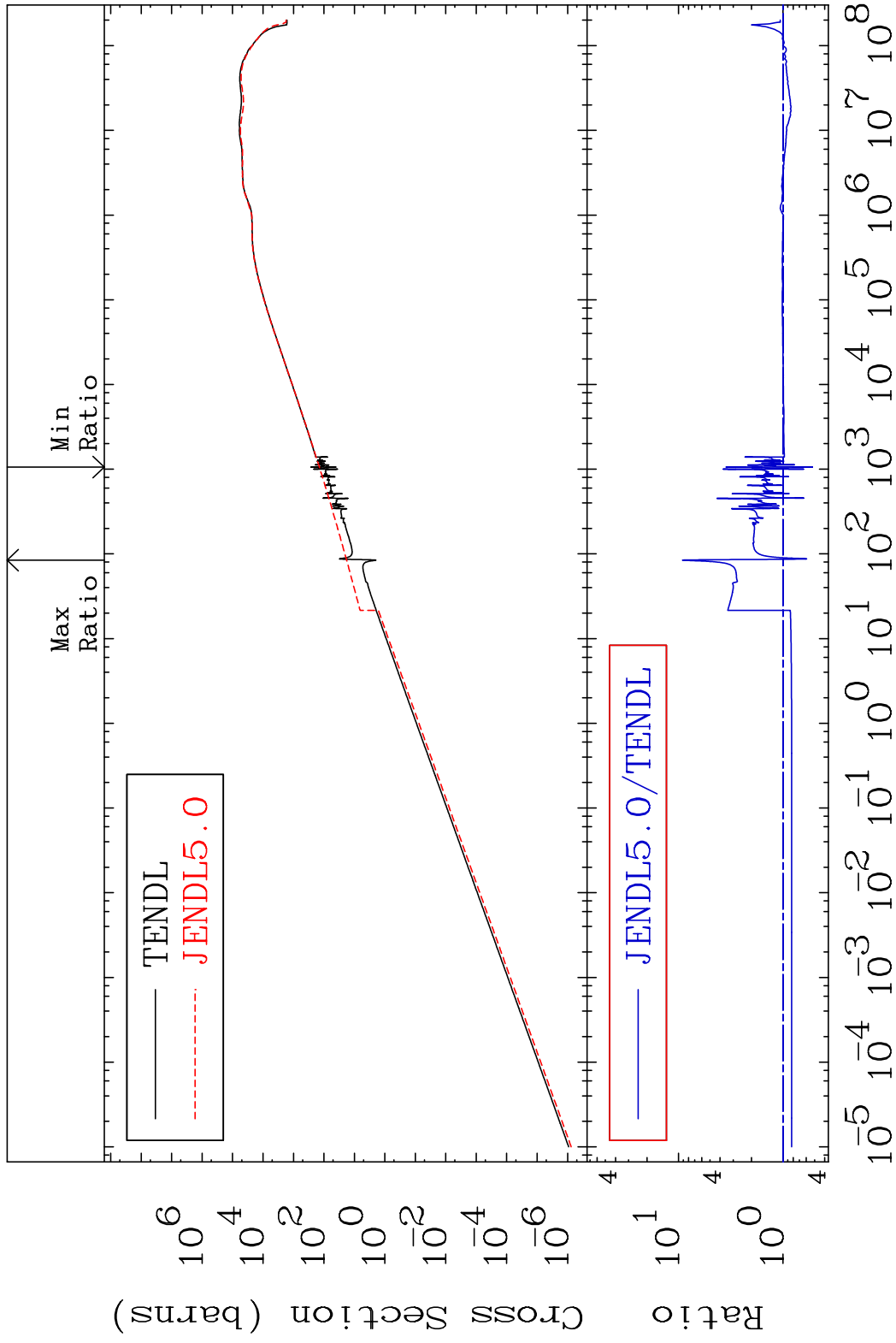


MAT 8840

Kerma elastic

88-Ra-228

Cross Section -47.74 To 817.8 %

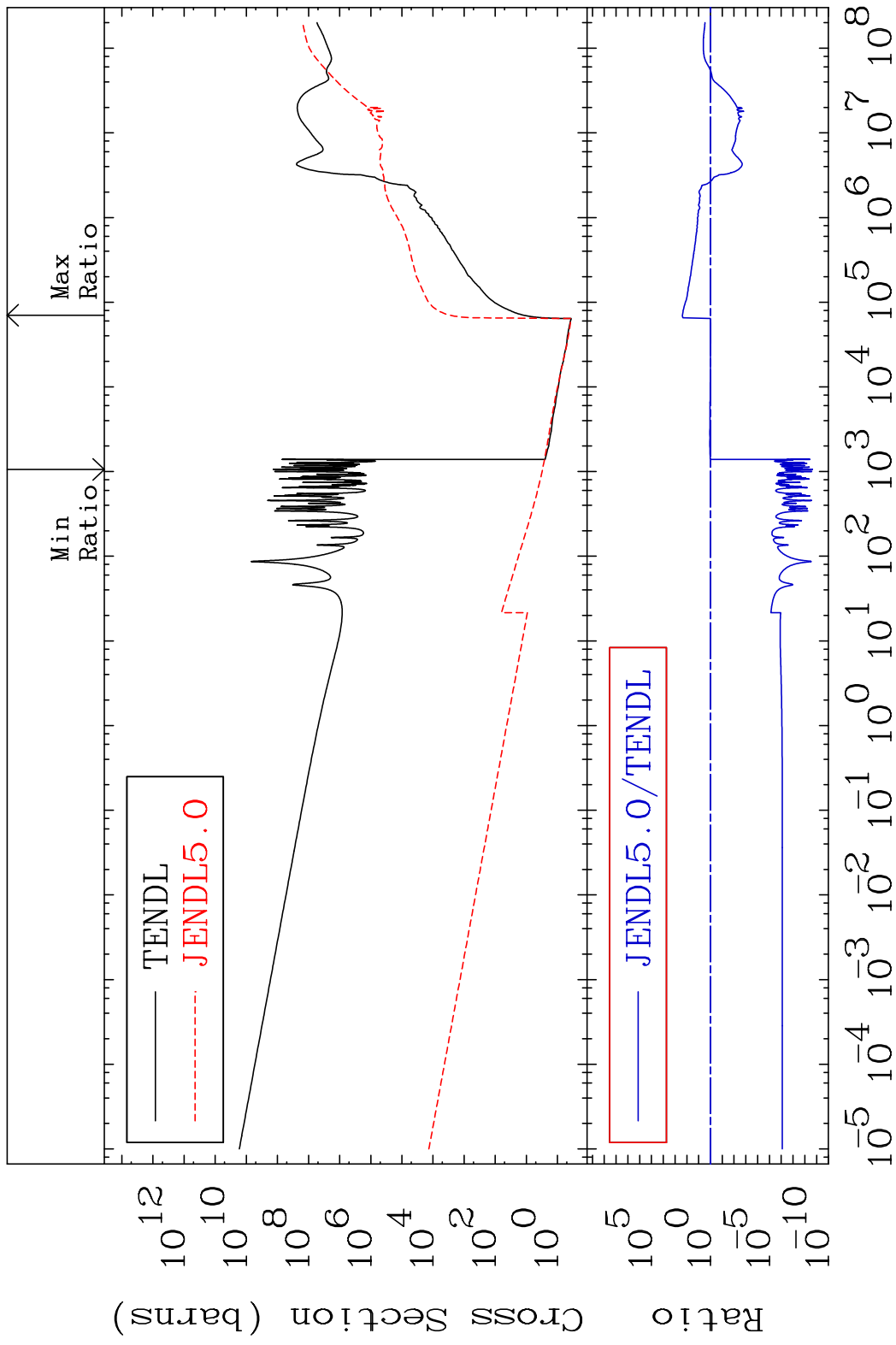


36

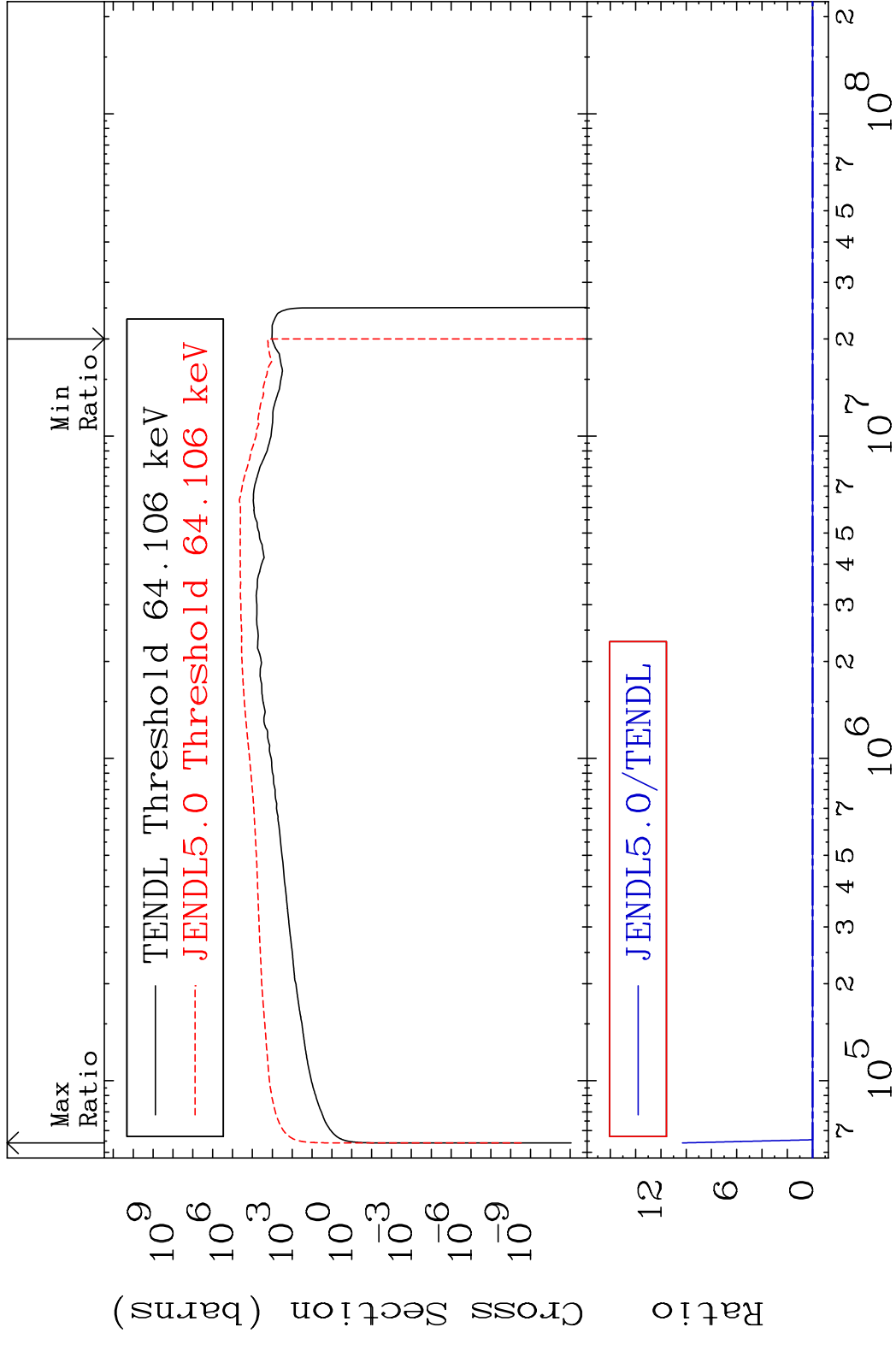
Incident Energy (eV)

88-Ra-228

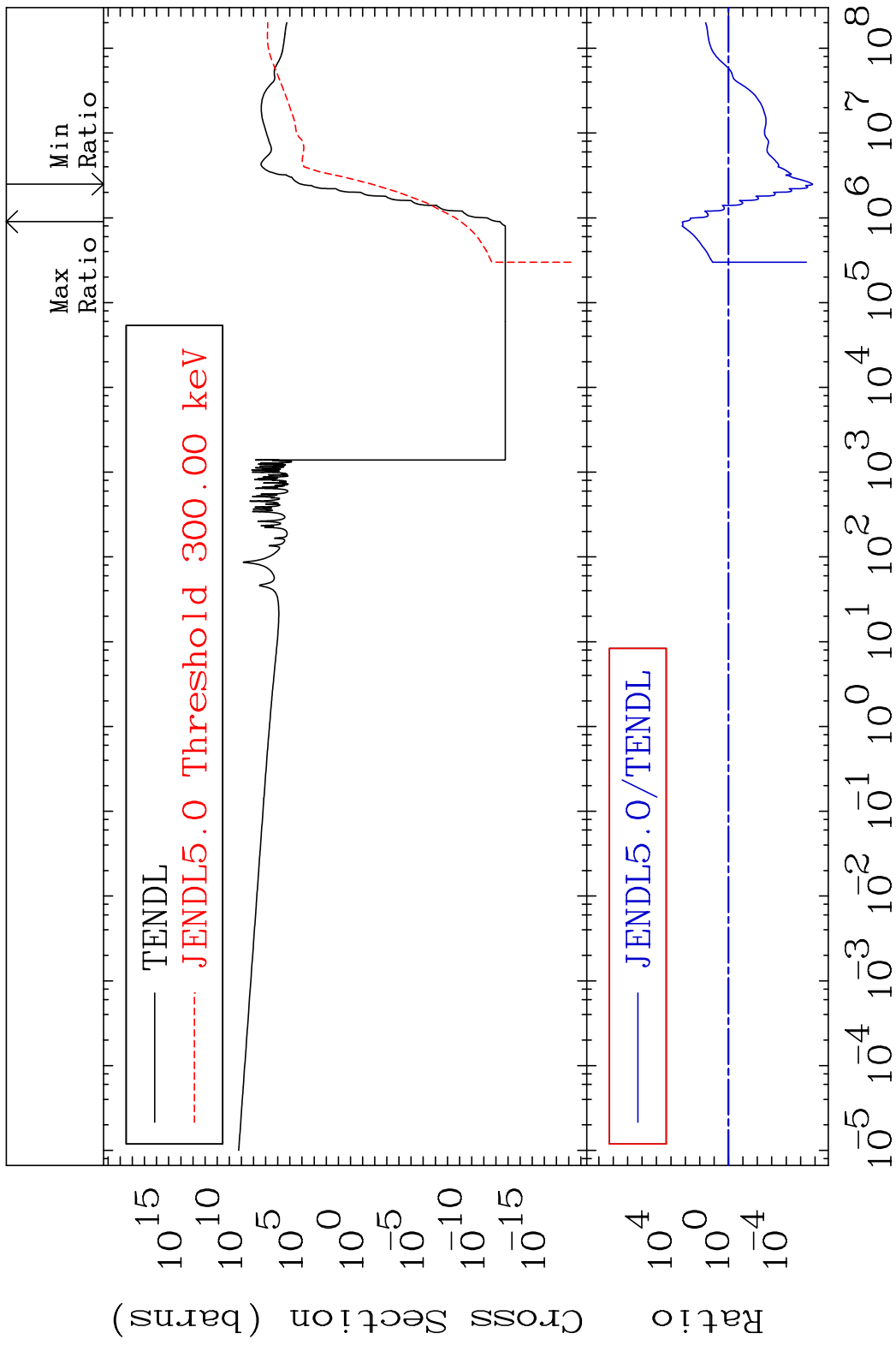
MAT 8840 Kerma non-elastic (all but mt2) 88-Ra-228
 Cross Section -100.0 To 9999. %



MAT 8840 Kerma inelastic (mt51-91) 88-Ra-228
 Cross Section -100.0 To 9999. %

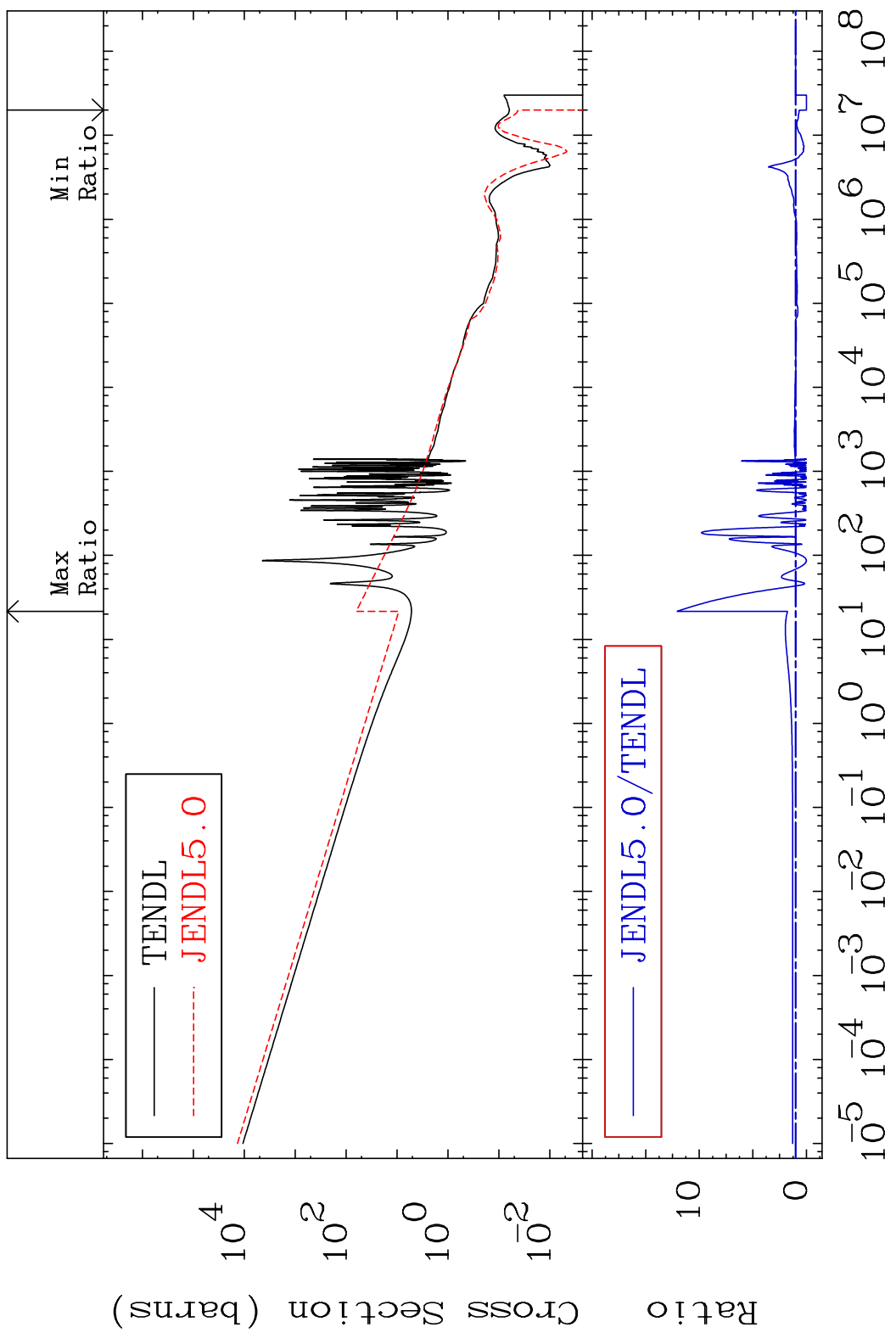


MAT 8840 Kerma fission (mt18 or mt19-20-21-38)88-Ra-228
 Cross Section -100.0 To 9999. %



MAT 8840

Kerma capture (mt102) 88-Ra-228
Cross Section -100.0 To 1106. %

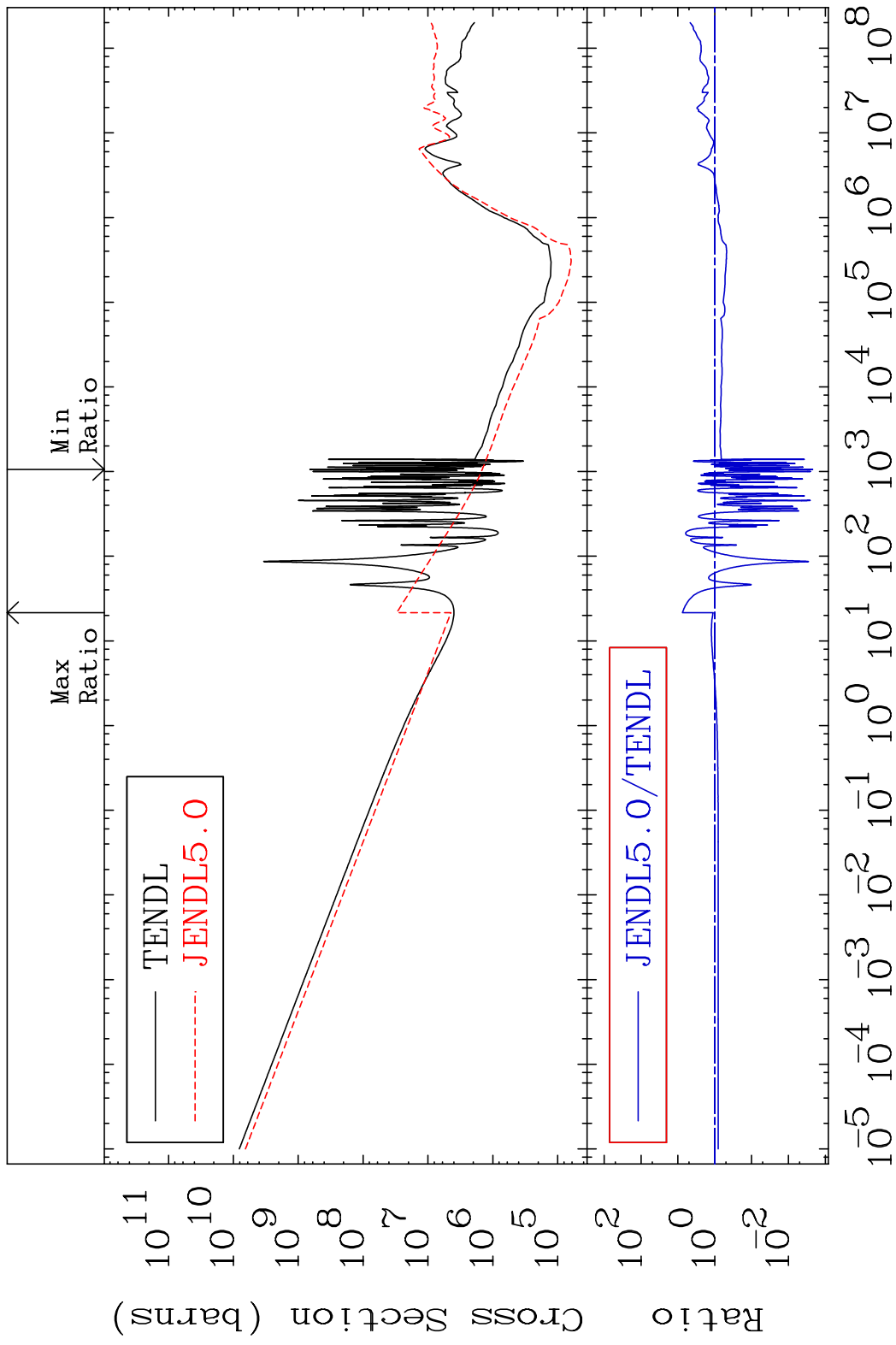


40

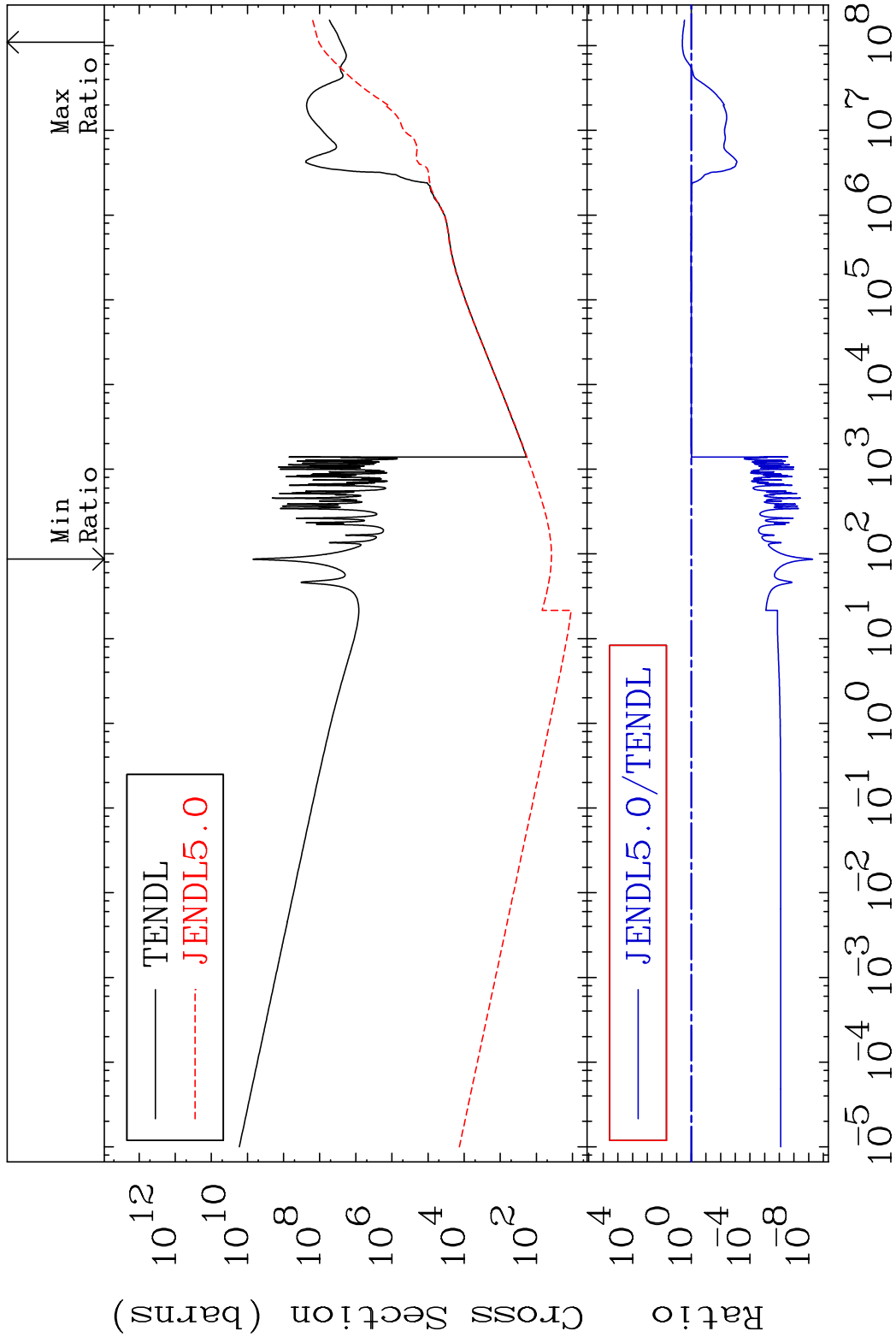
Incident Energy (eV)

88-Ra-228

MAT 8840 Total photon (eV-barns) 88-Ra-228
Cross Section -99.78 To 658.4 %



MAT 8840 Total kinematic kerma (high limit) 88-Ra-228
 Cross Section -100.0 To 305.9 %

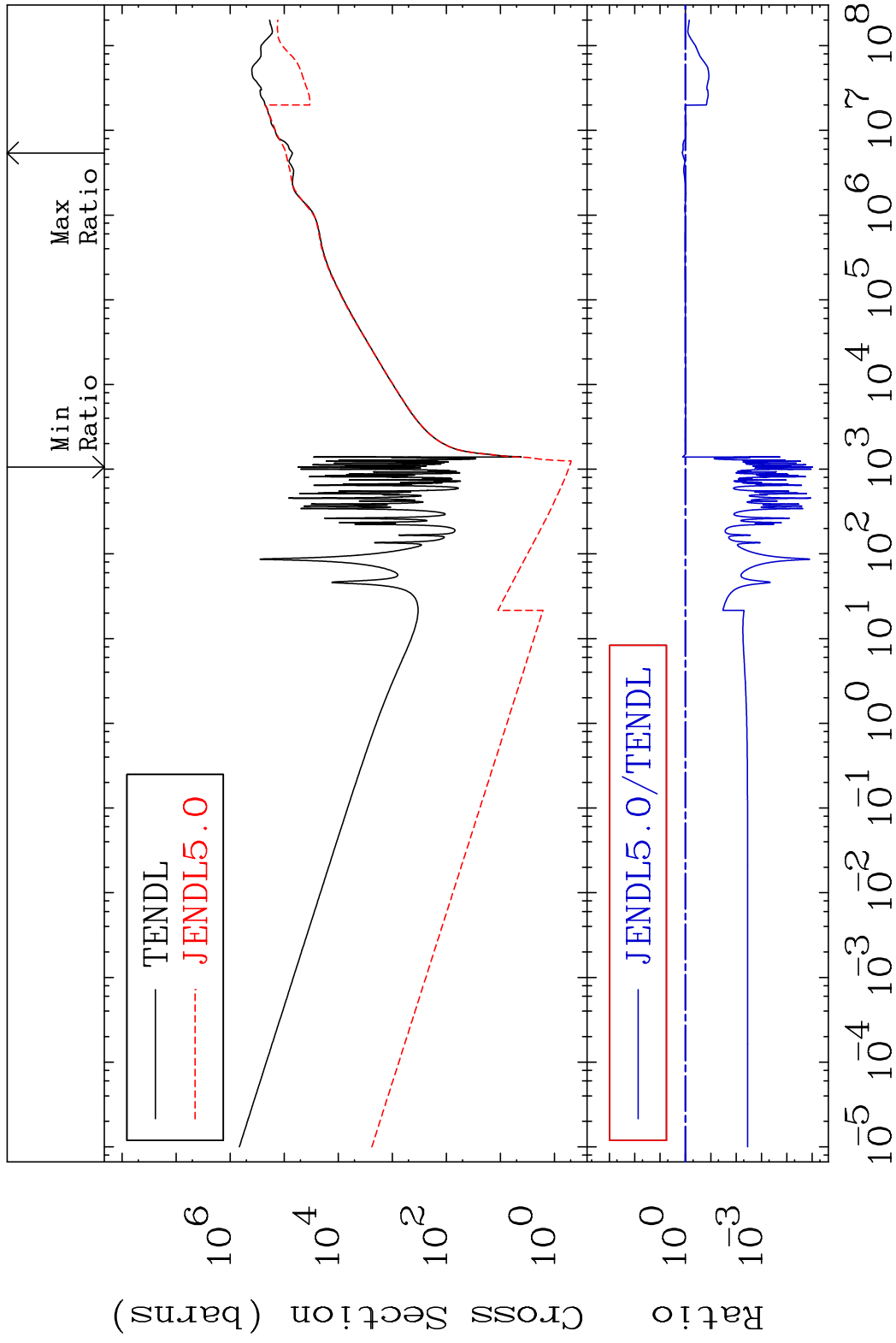


MAT 8840

Dpa total (eV-barns)

88-Ra-228

Cross Section -100.0 To 32.47 %



43

Incident Energy (eV)

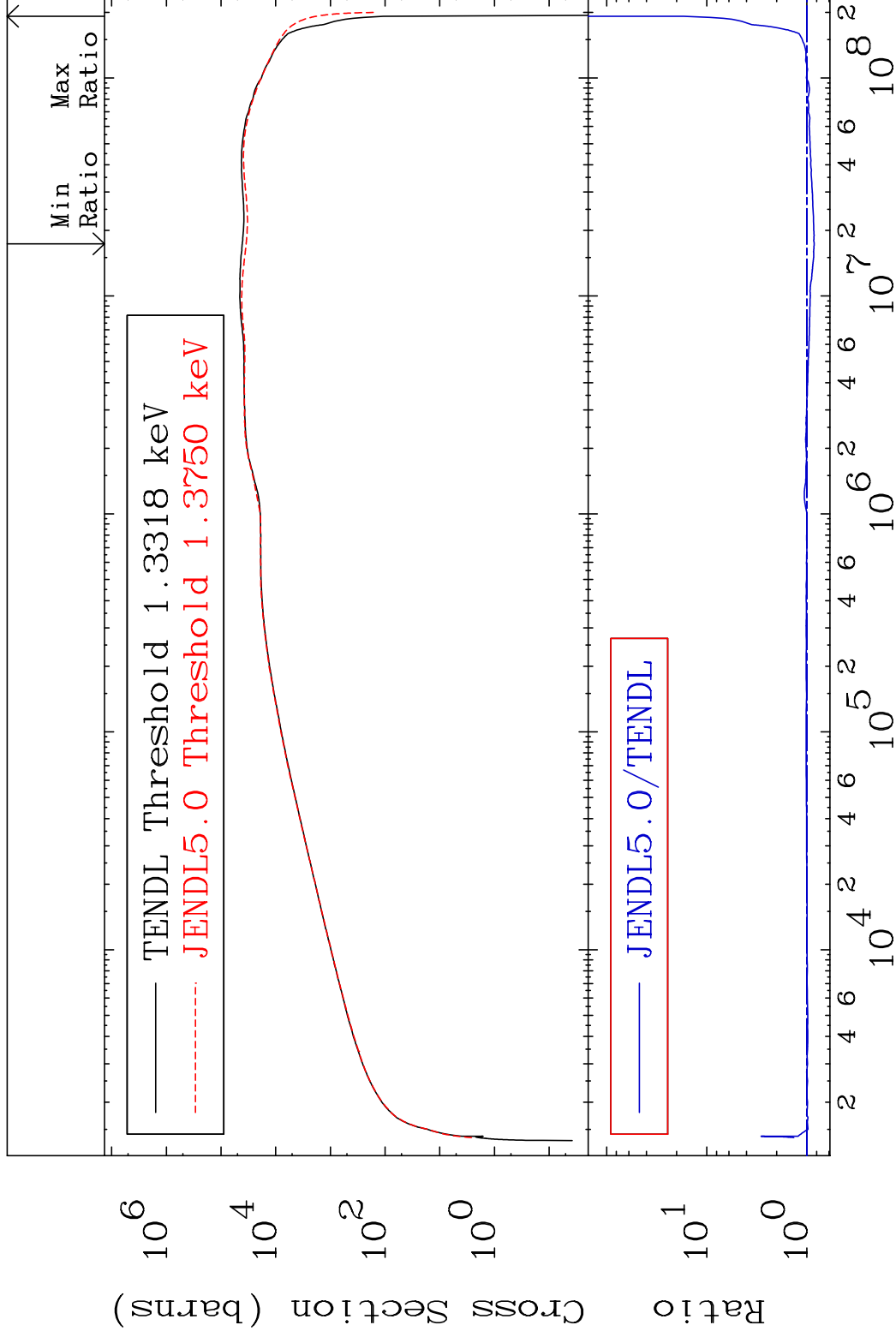
88-Ra-228

MAT 8840

Dpa elastic (mt2)

88-Ra-228

Cross Section -15.30 To 1602. %

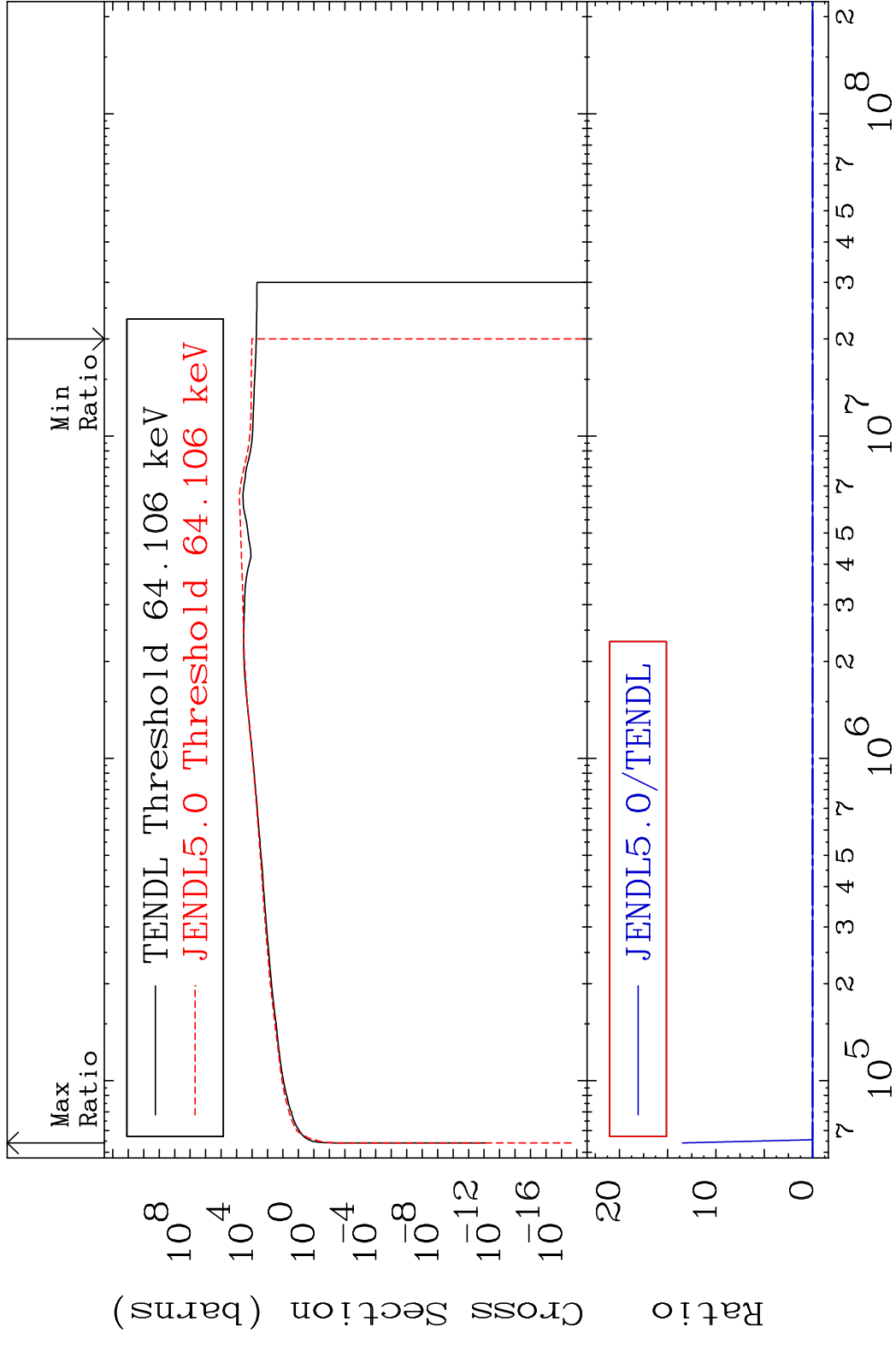


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Incident Energy (eV)

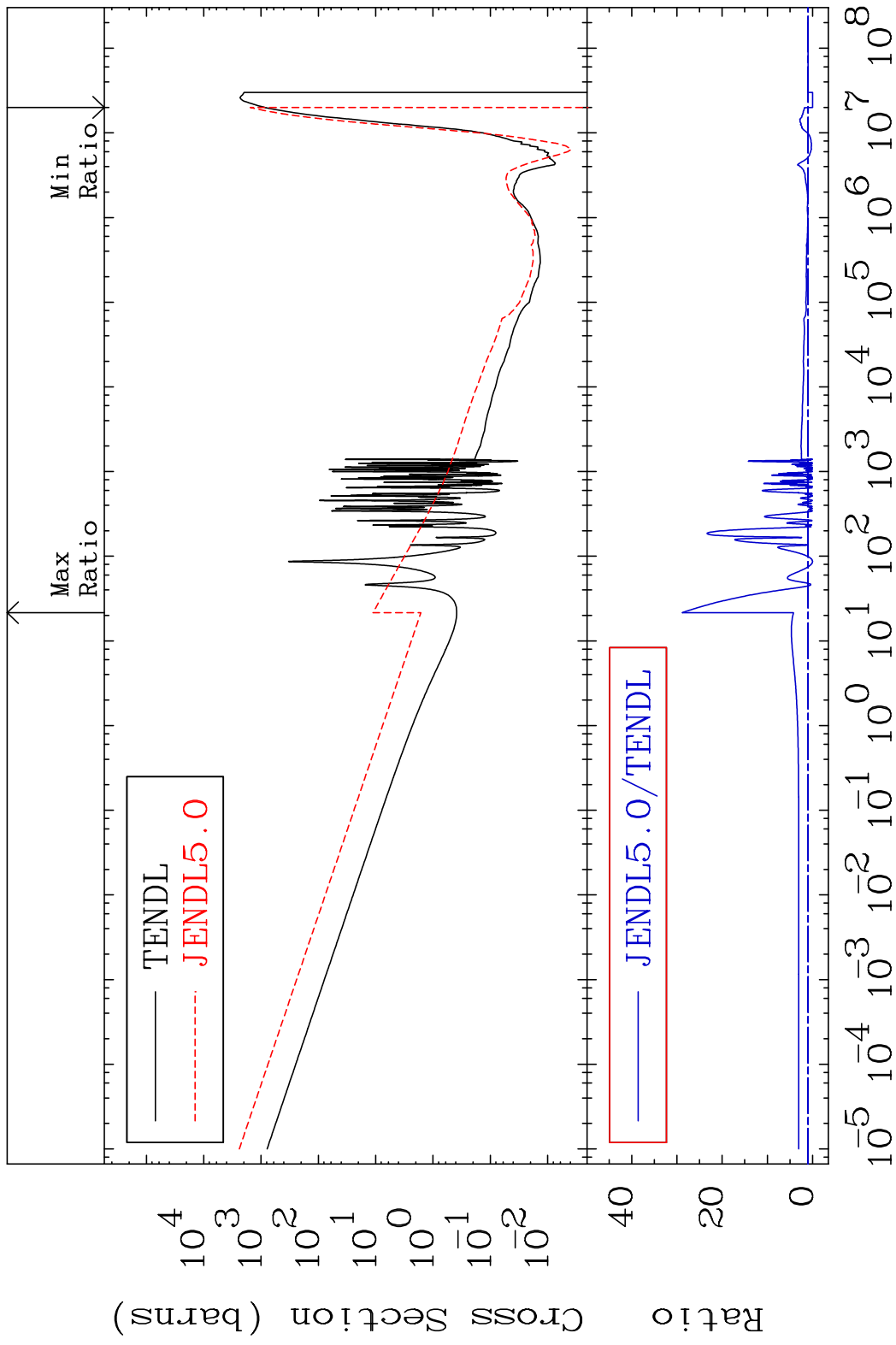
88-Ra-228

MAT 8840 Dpa inelastic (mt51-91) 88-Ra-228
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 88-Ra-228

MAT 8840 Dpa disappearance (mt102 -120) 88-Ra-228
 Cross Section -100.0 To 2780. %



46 Incident Energy (eV) 88-Ra-228