

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

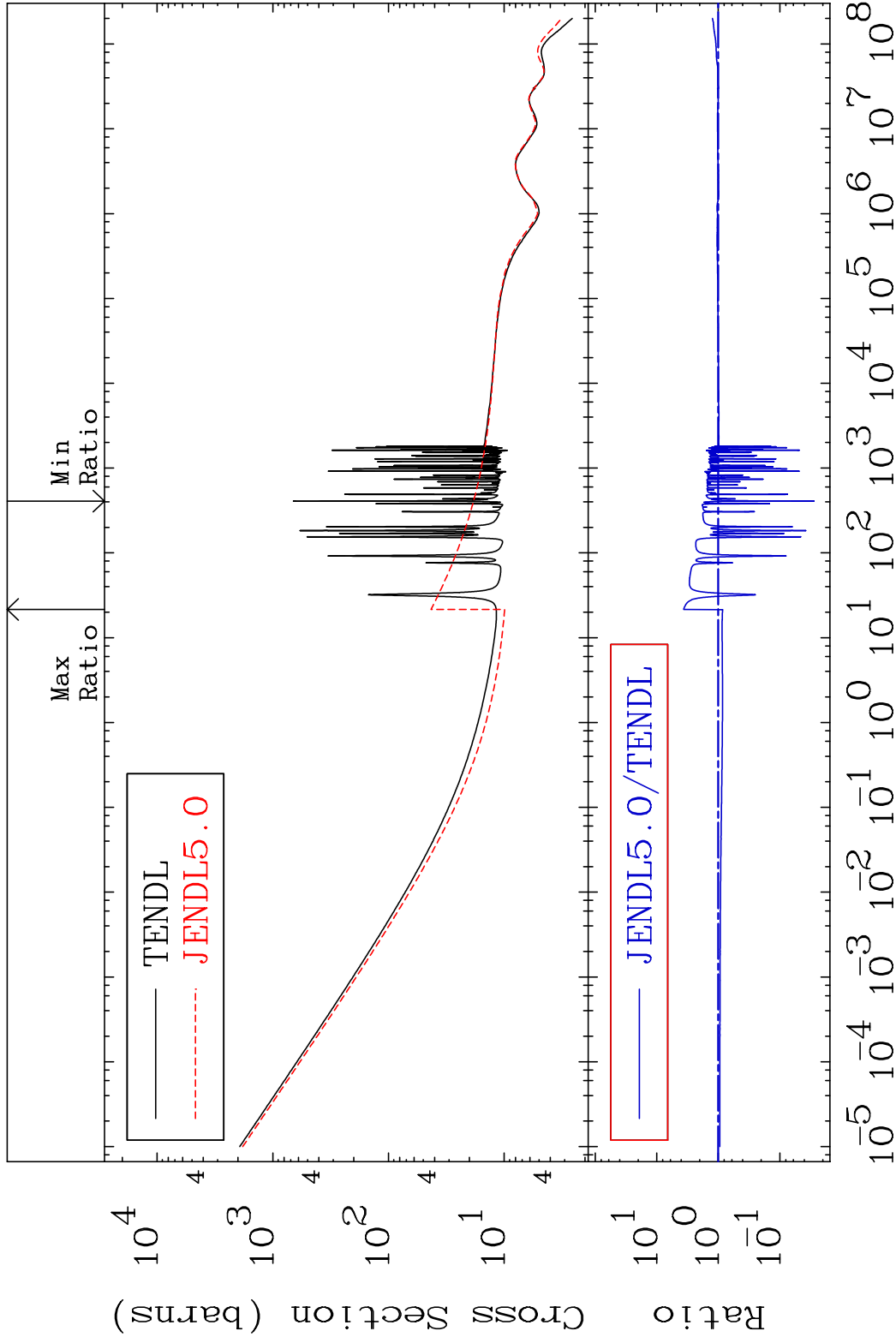
MAT 8840

Total

88-Ra-228

Cross Section

-97.23 To 264.9 %



1

Incident Energy (eV)

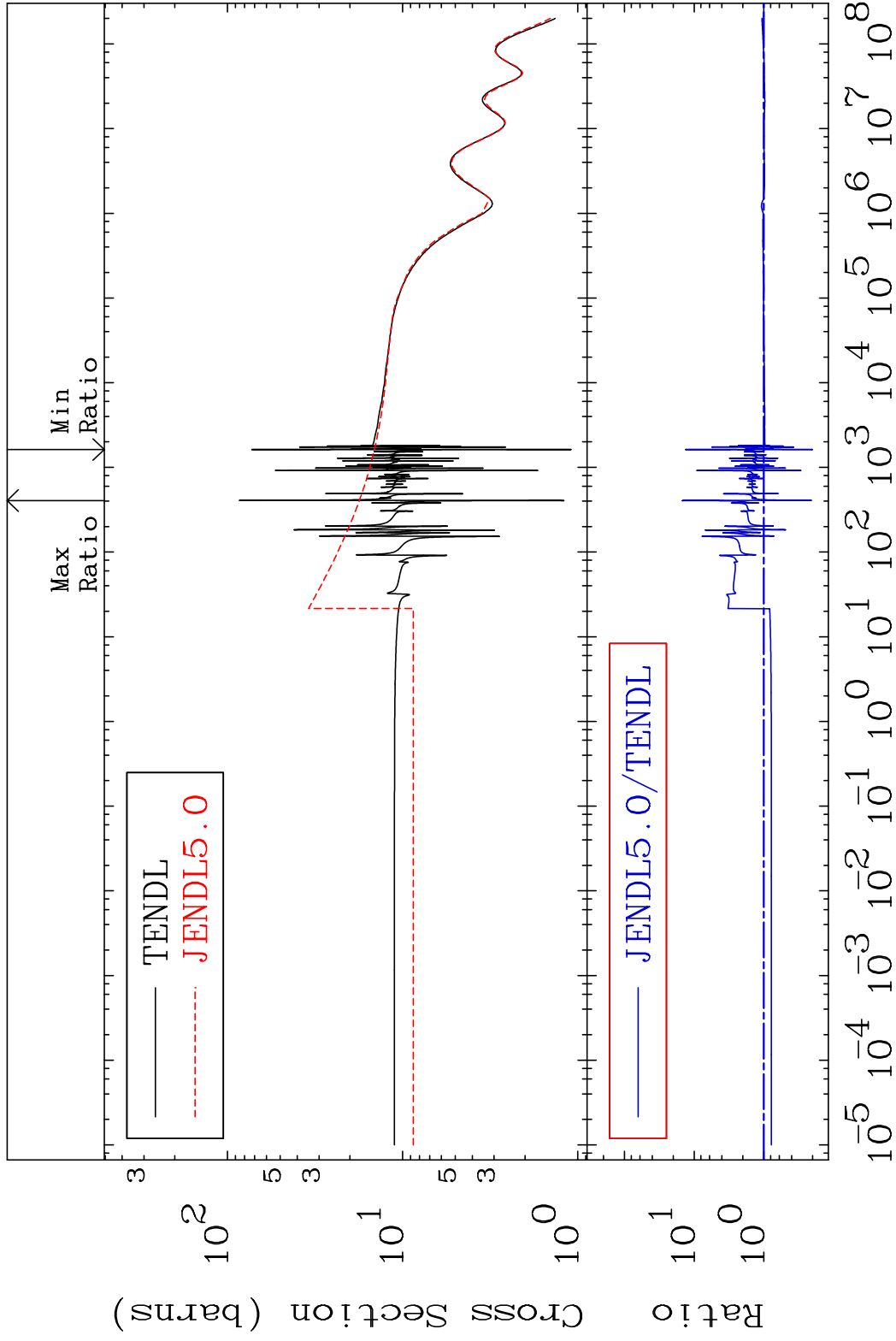
88-Ra-228

MAT 8840

Elastic

88-Ra-228

Cross Section -80.01 To 1377. %

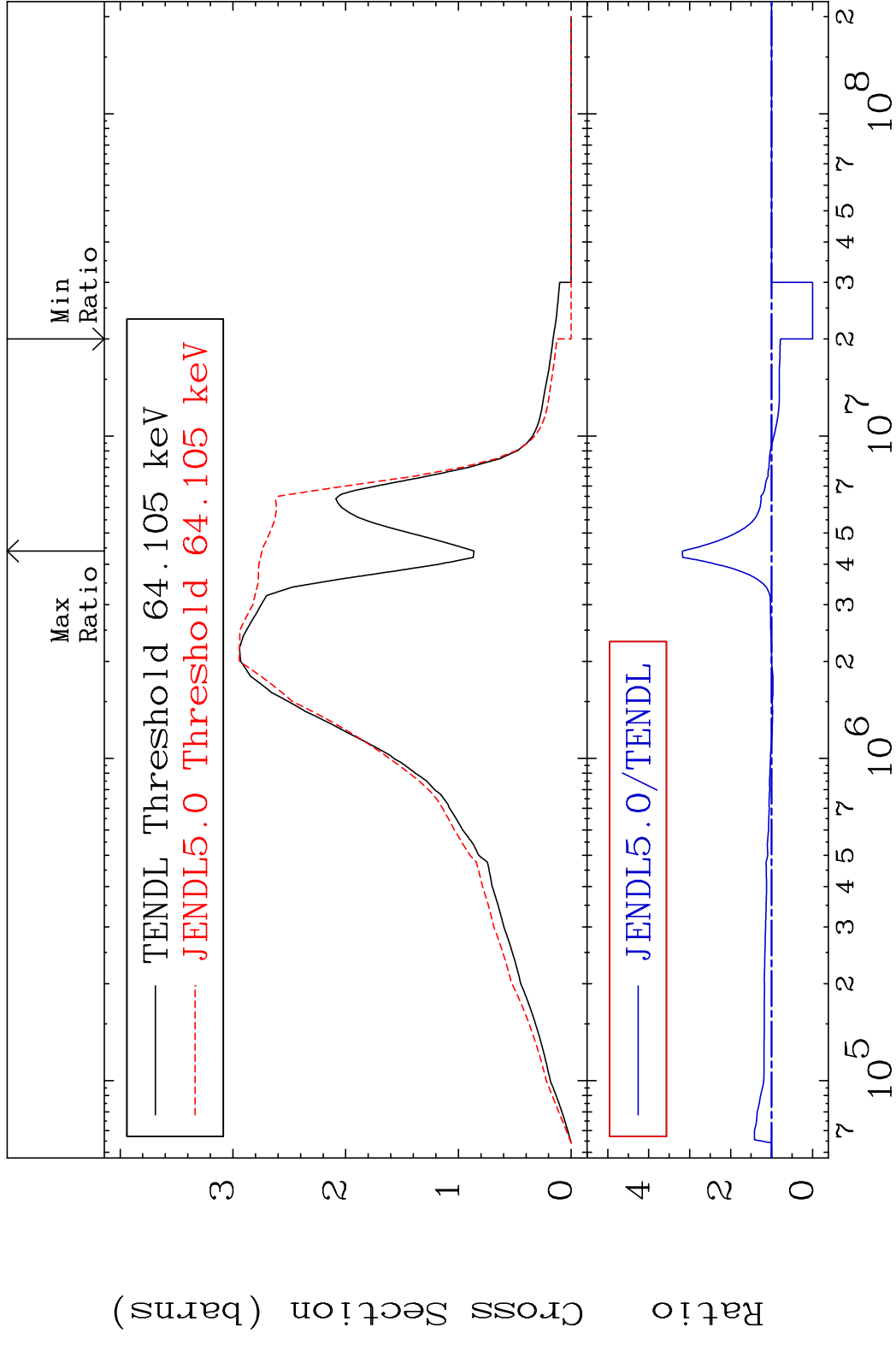


2

Incident Energy (eV)

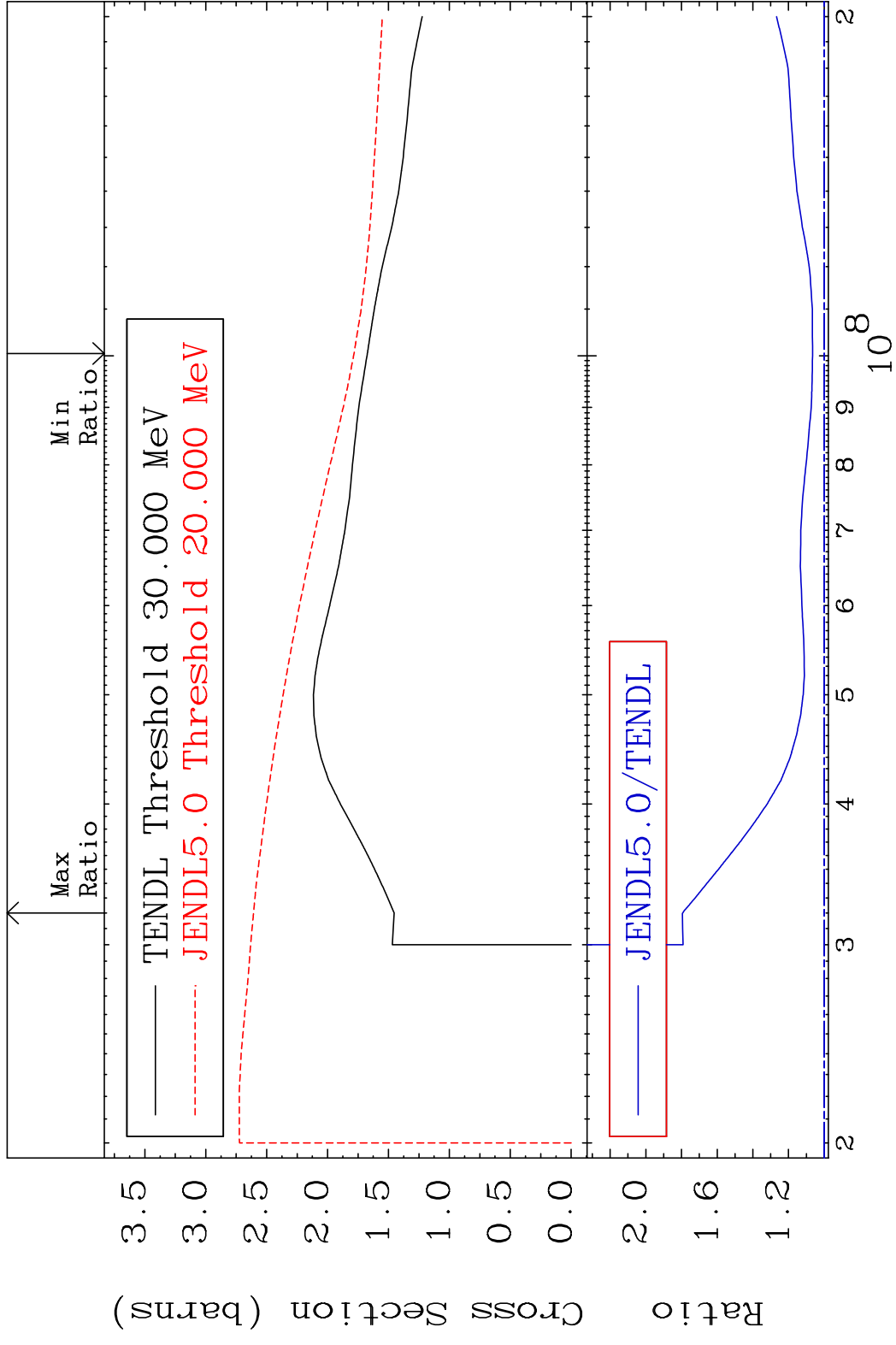
88-Ra-228

MAT 8840 Inelastic 88-Ra-228
Cross Section -100.0 To 217.9 %



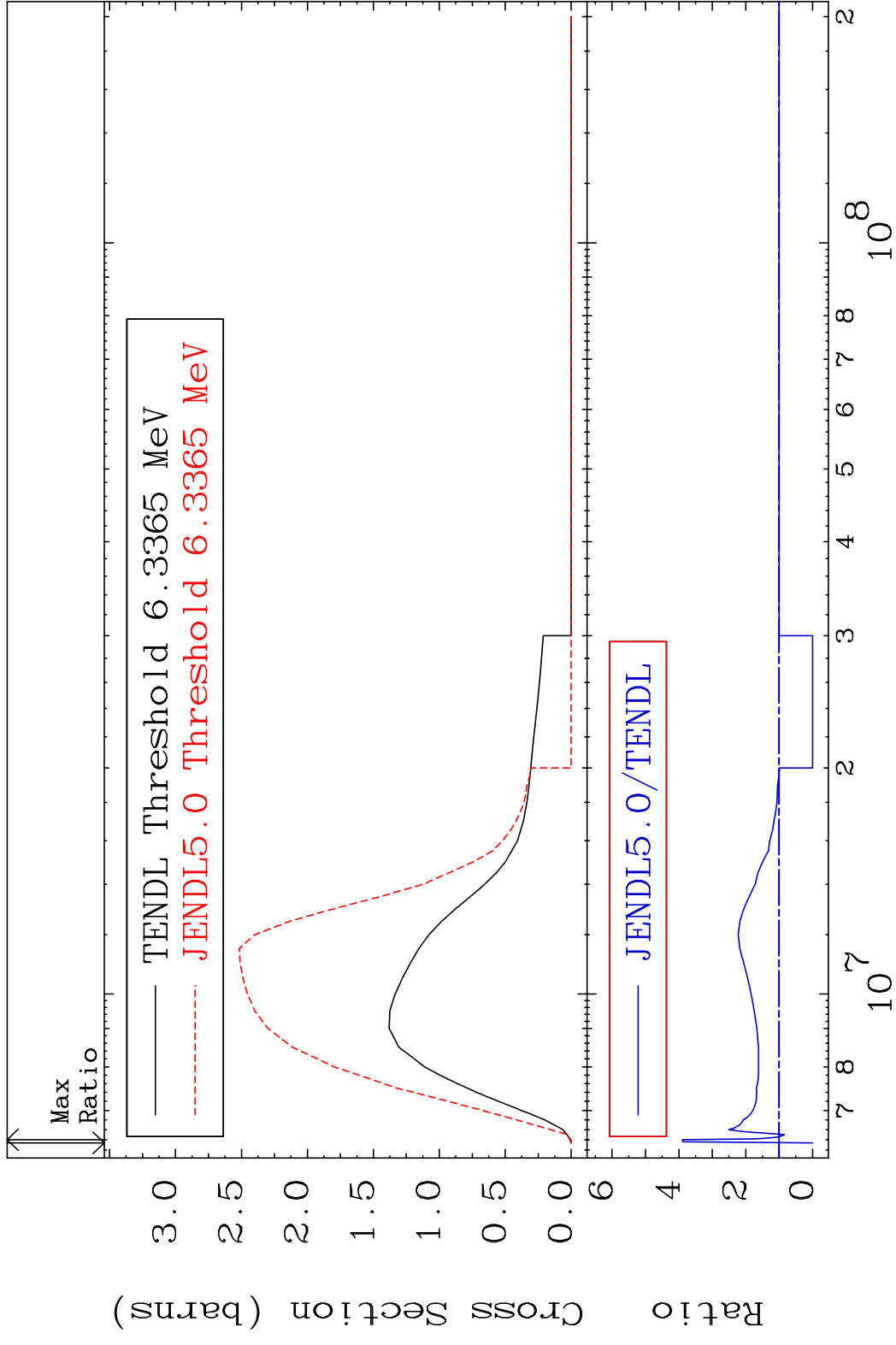
3 88-Ra-228

MAT 8840 (n, remainder) 88-Ra-228
 Cross Section 6.535 To 79.52 %



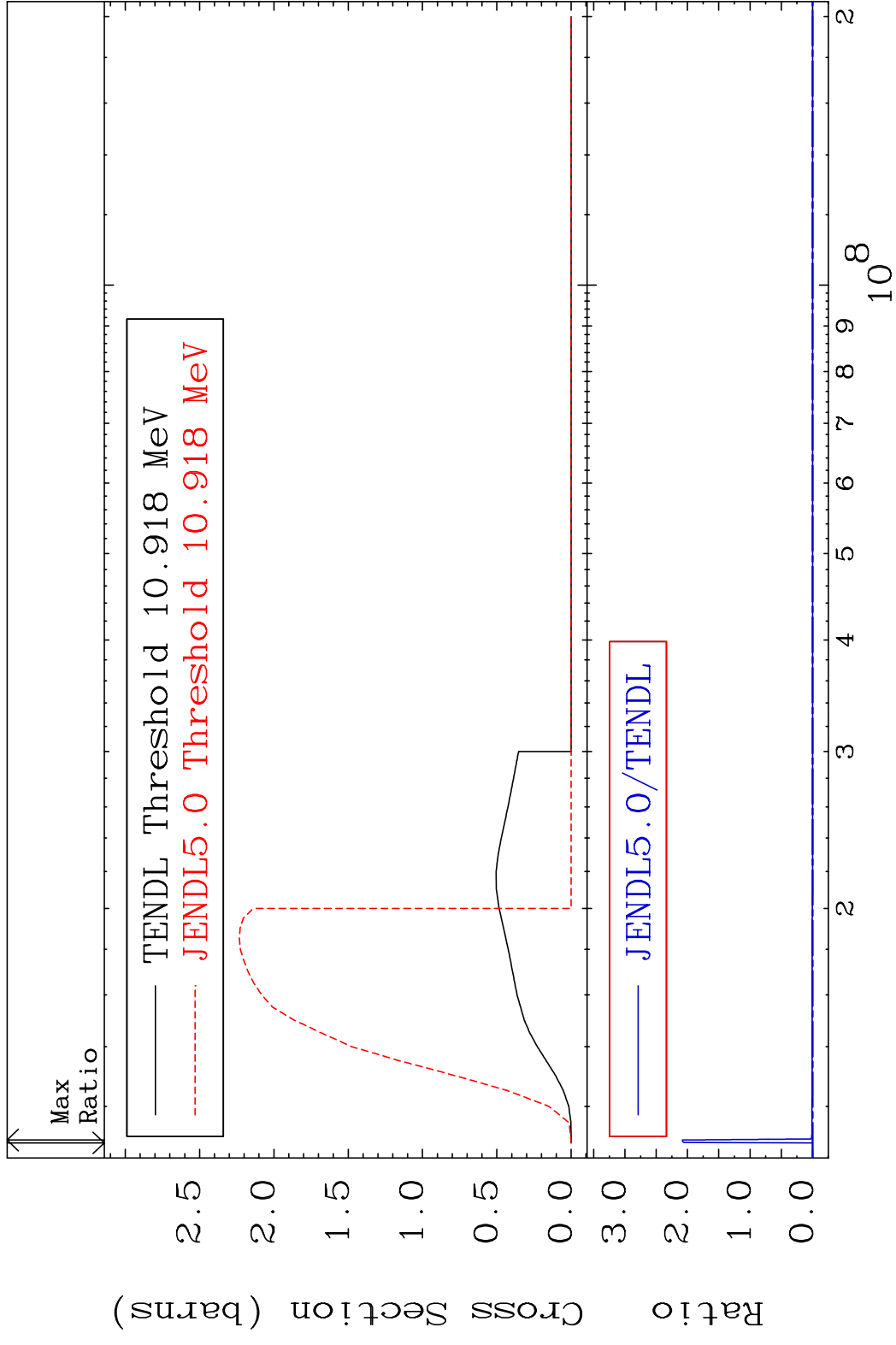
4 Incident Energy (eV) 88-Ra-228

MAT 8840 (n,2n) 88-Ra-228
 Cross Section -100.0 To 289.5 %



5 Incident Energy (eV) 88-Ra-228

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



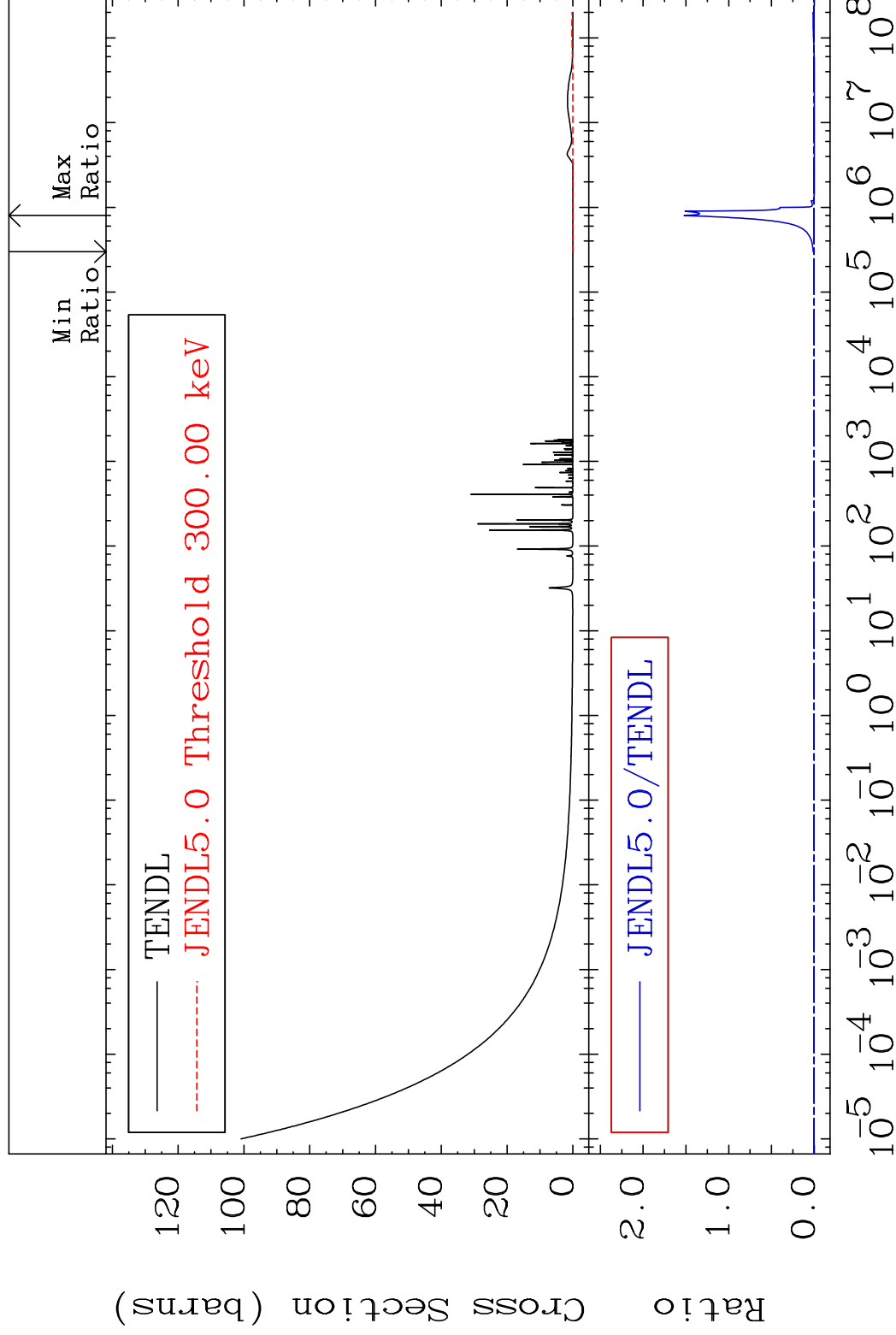
MAT 8840

Fission

88-Ra-228

Cross Section

-100.0 To 9999. %



7

Incident Energy (eV)

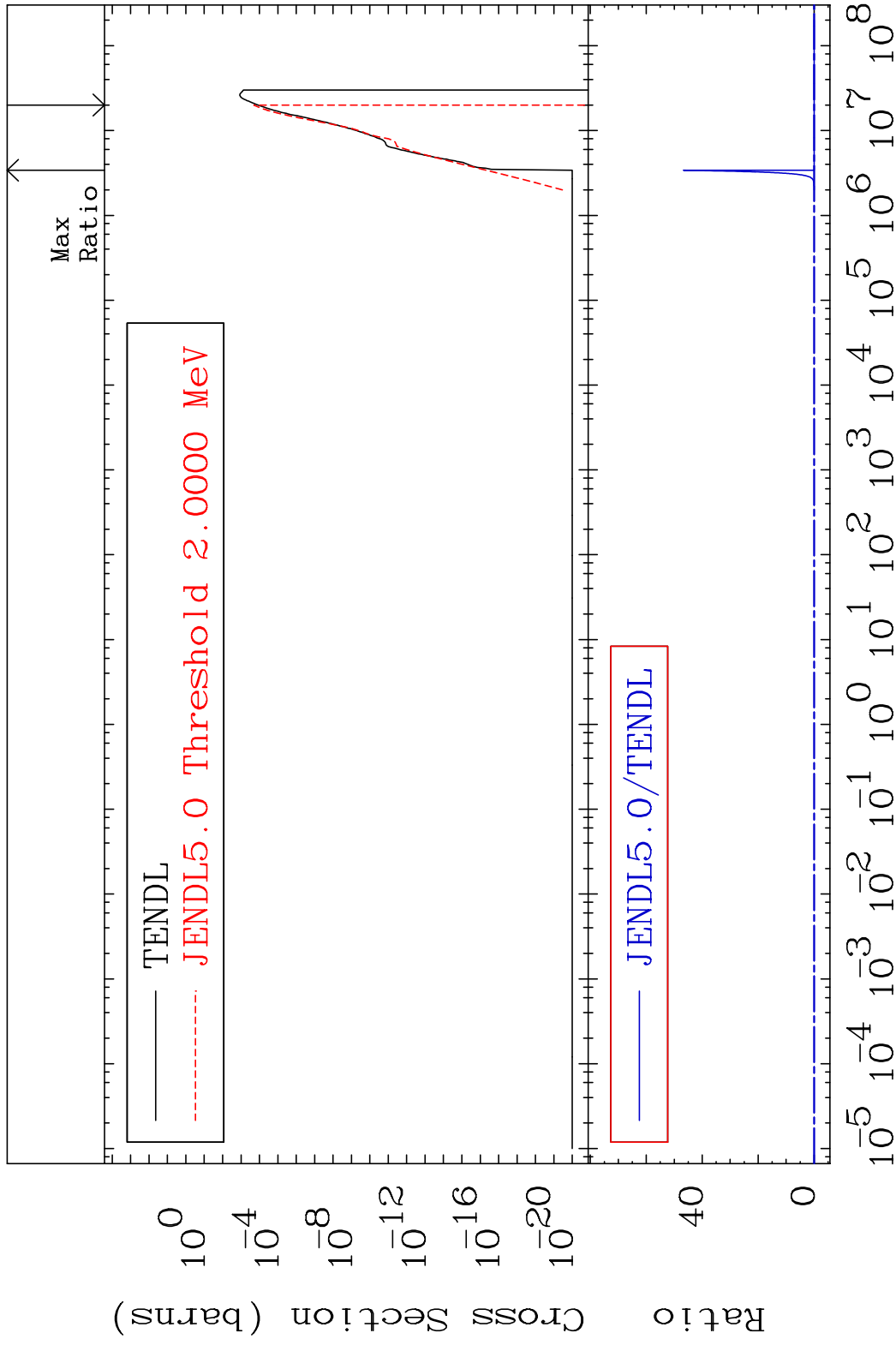
88-Ra-228

MAT 8840

(n, n') α

88-Ra-228

Cross Section -100.0 To 9999. %

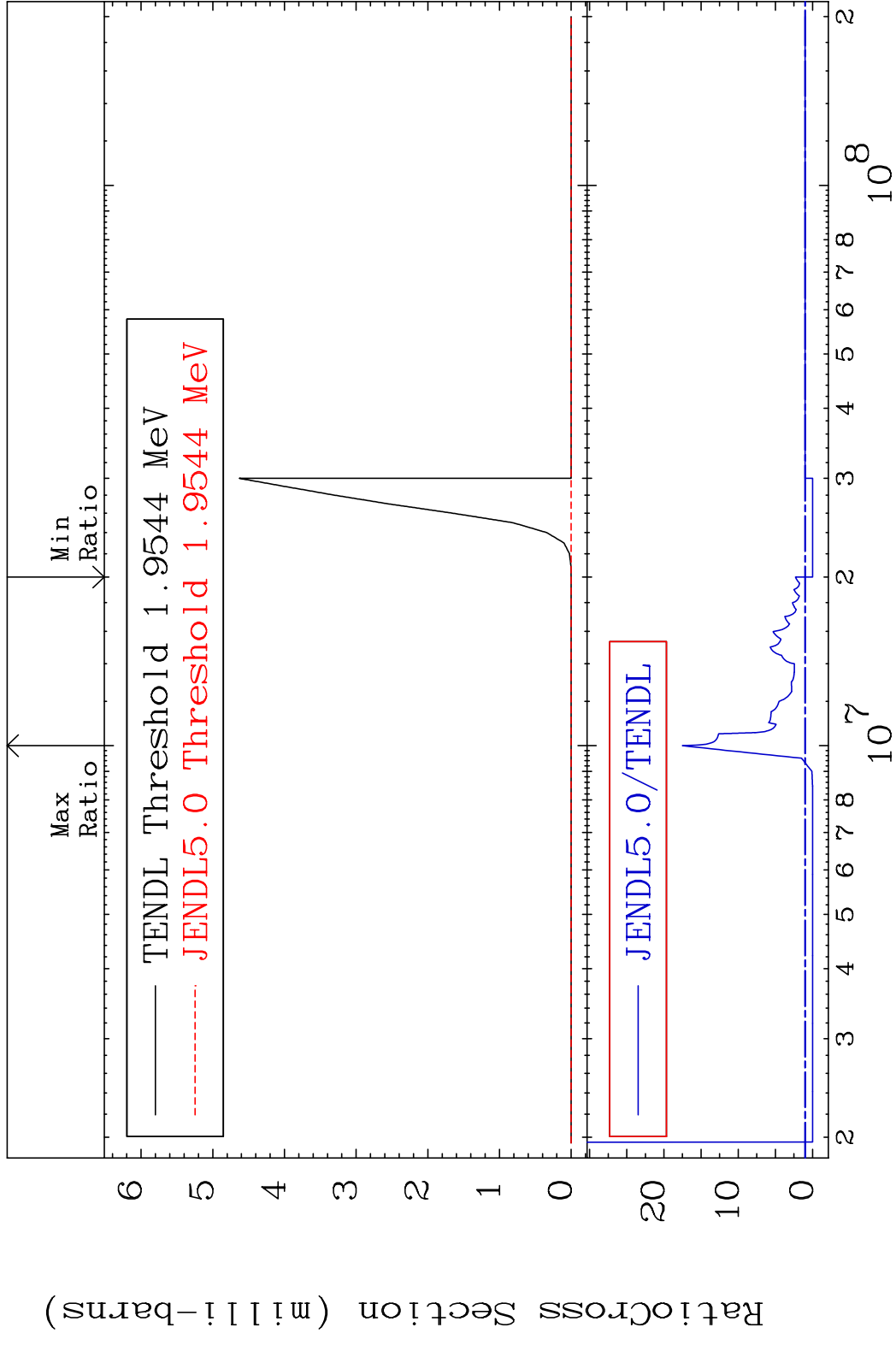


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Incident Energy (eV)

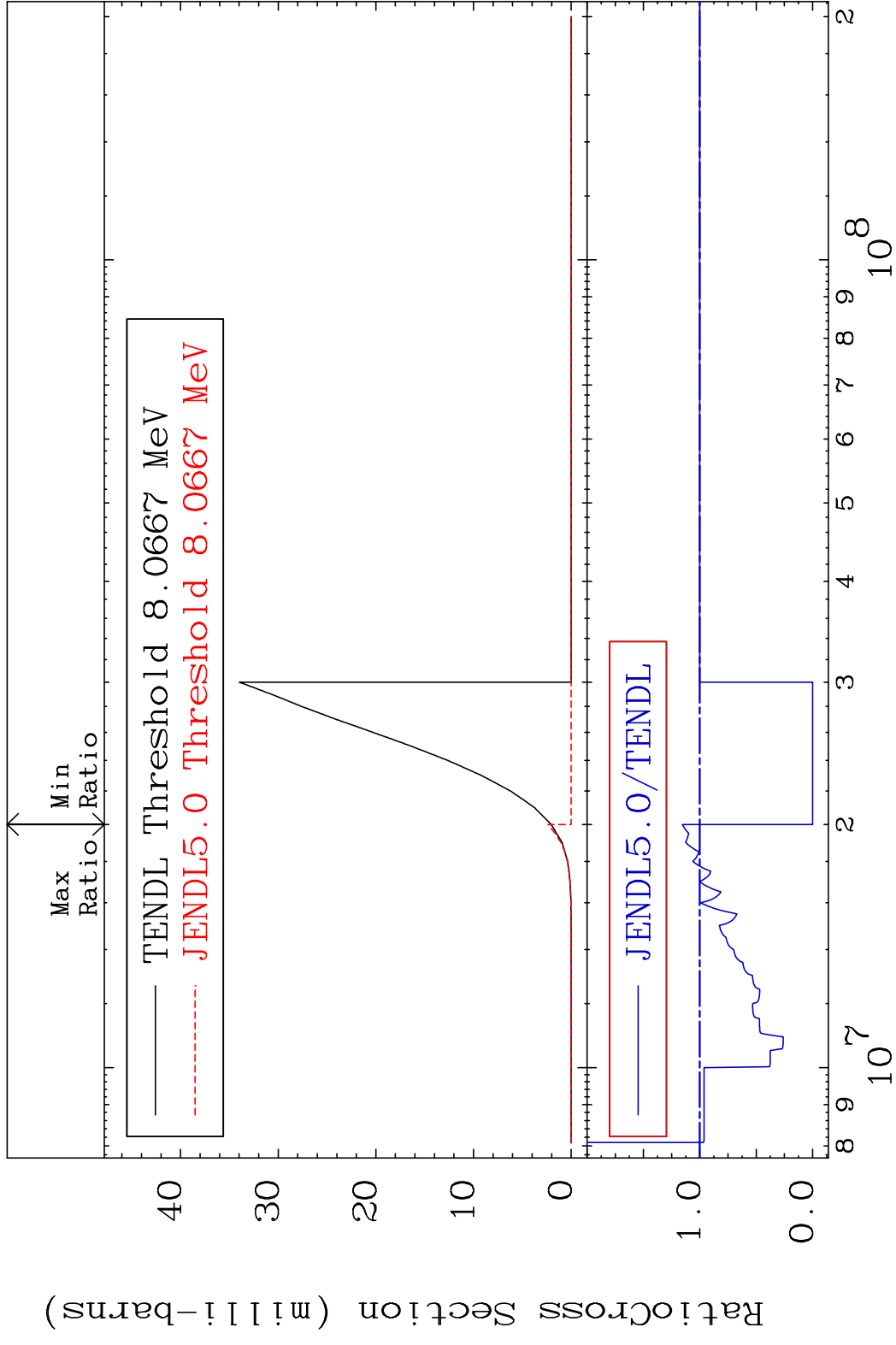
88-Ra-228

MAT 8840 (n,2n) α 88-Ra-228
 Cross Section -100.0 To 1652. %



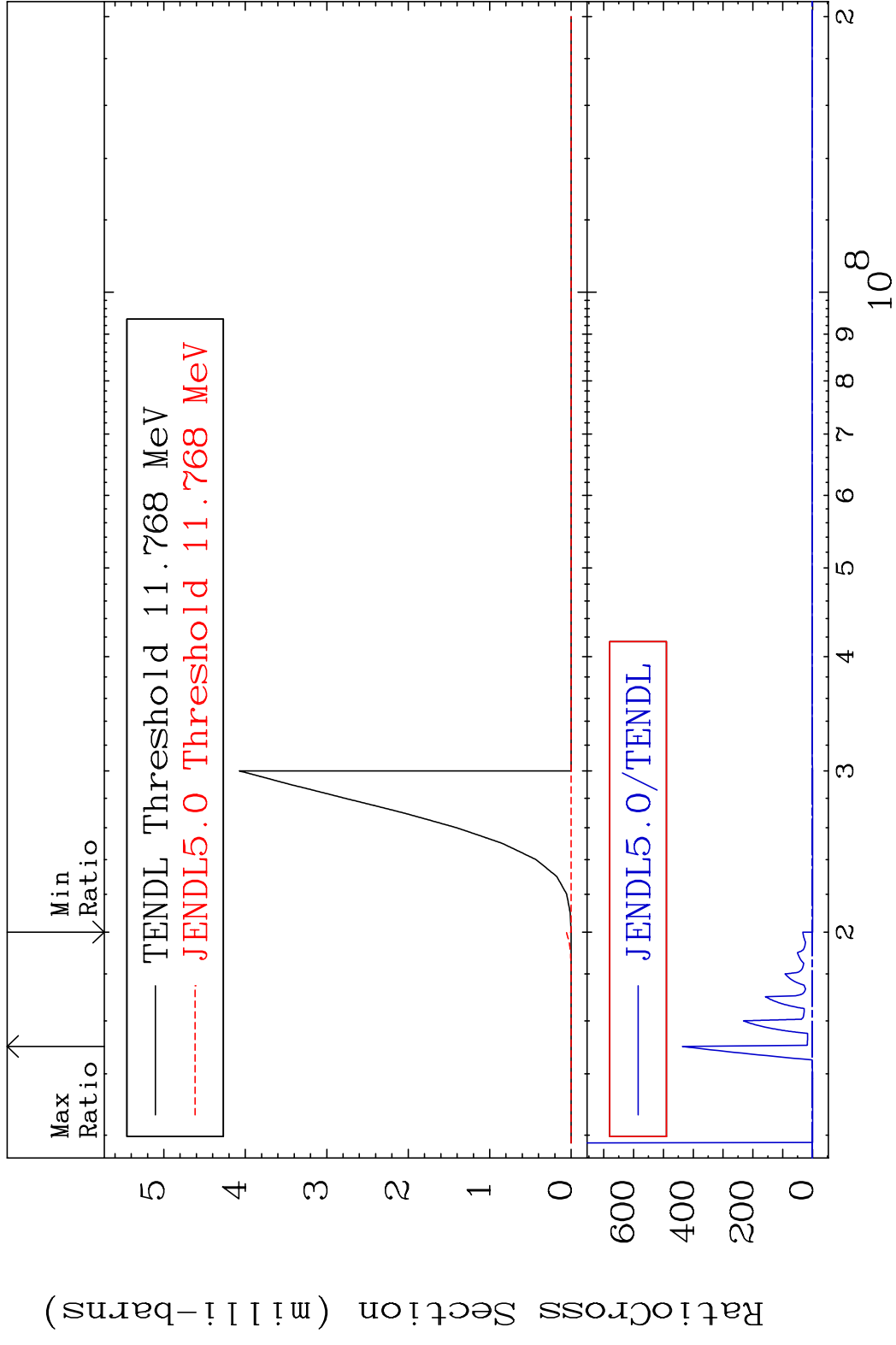
9 9 88-Ra-228

MAT 8840 (n, n') p 88-Ra-228
 Cross Section -100.0 To 15.49 %



10 Incident Energy (eV) 88-Ra-228

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

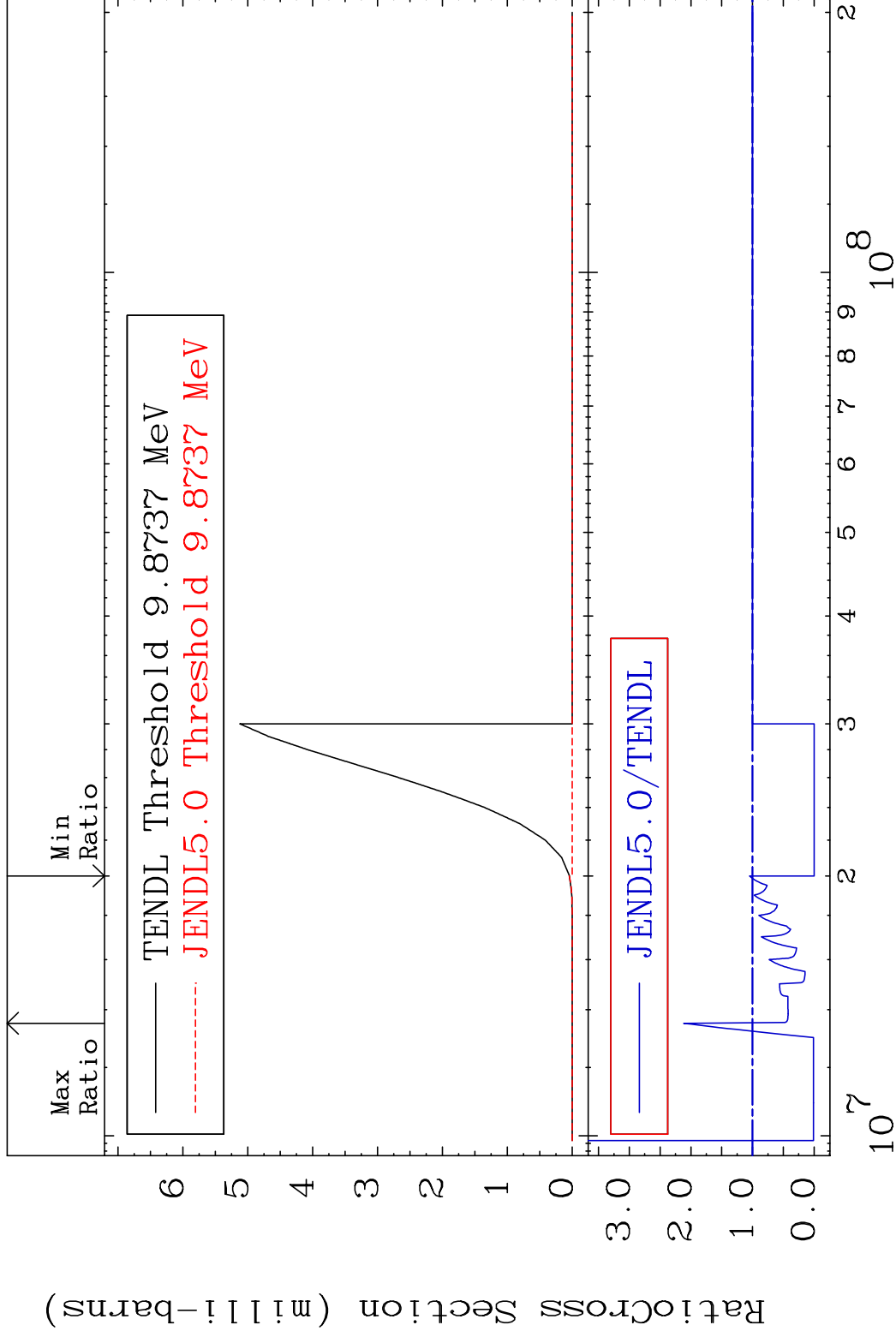


MAT 8840

(n, n') t

88-Ra-228

Cross Section -100.0 To 111.8 %

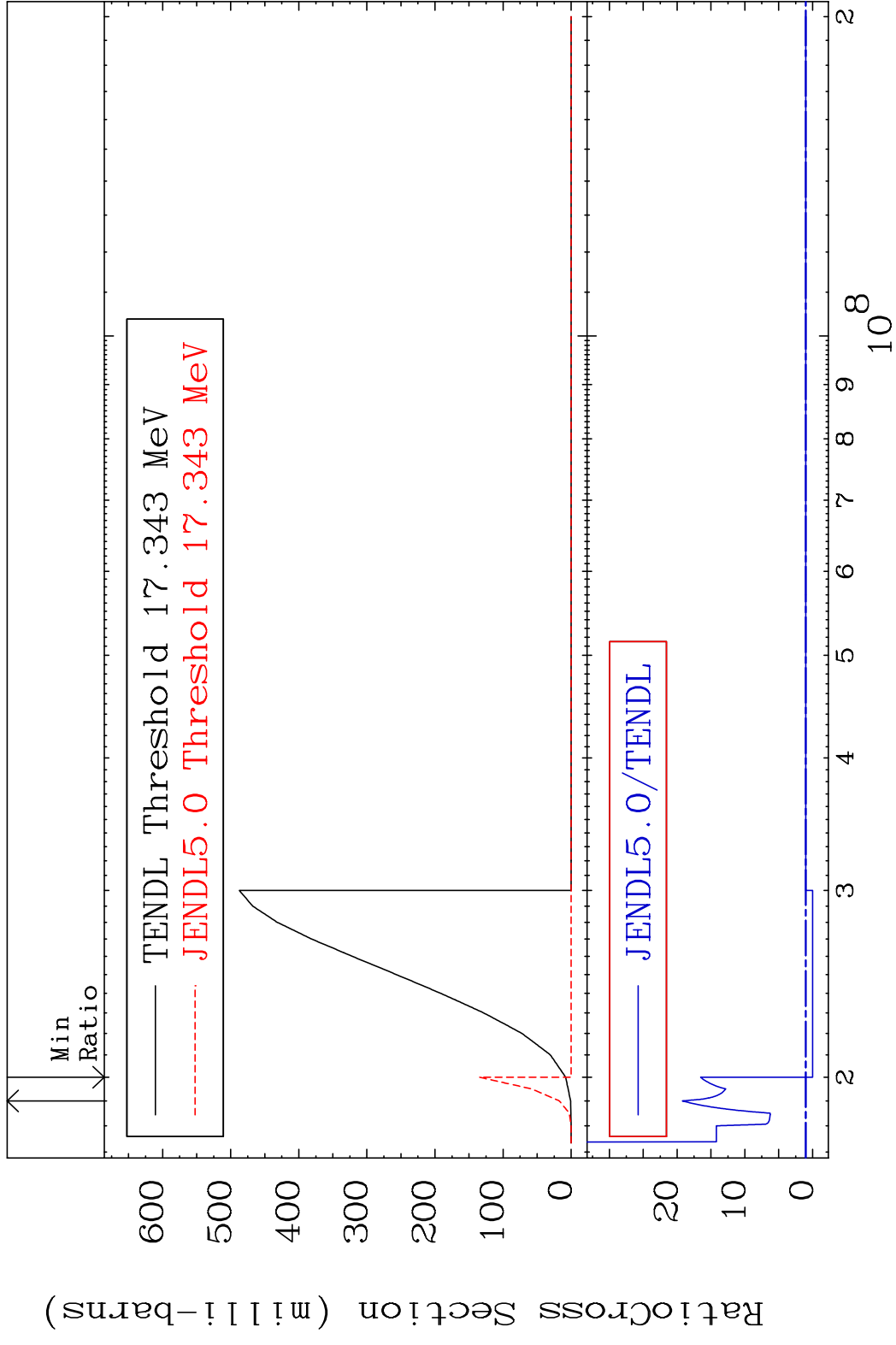


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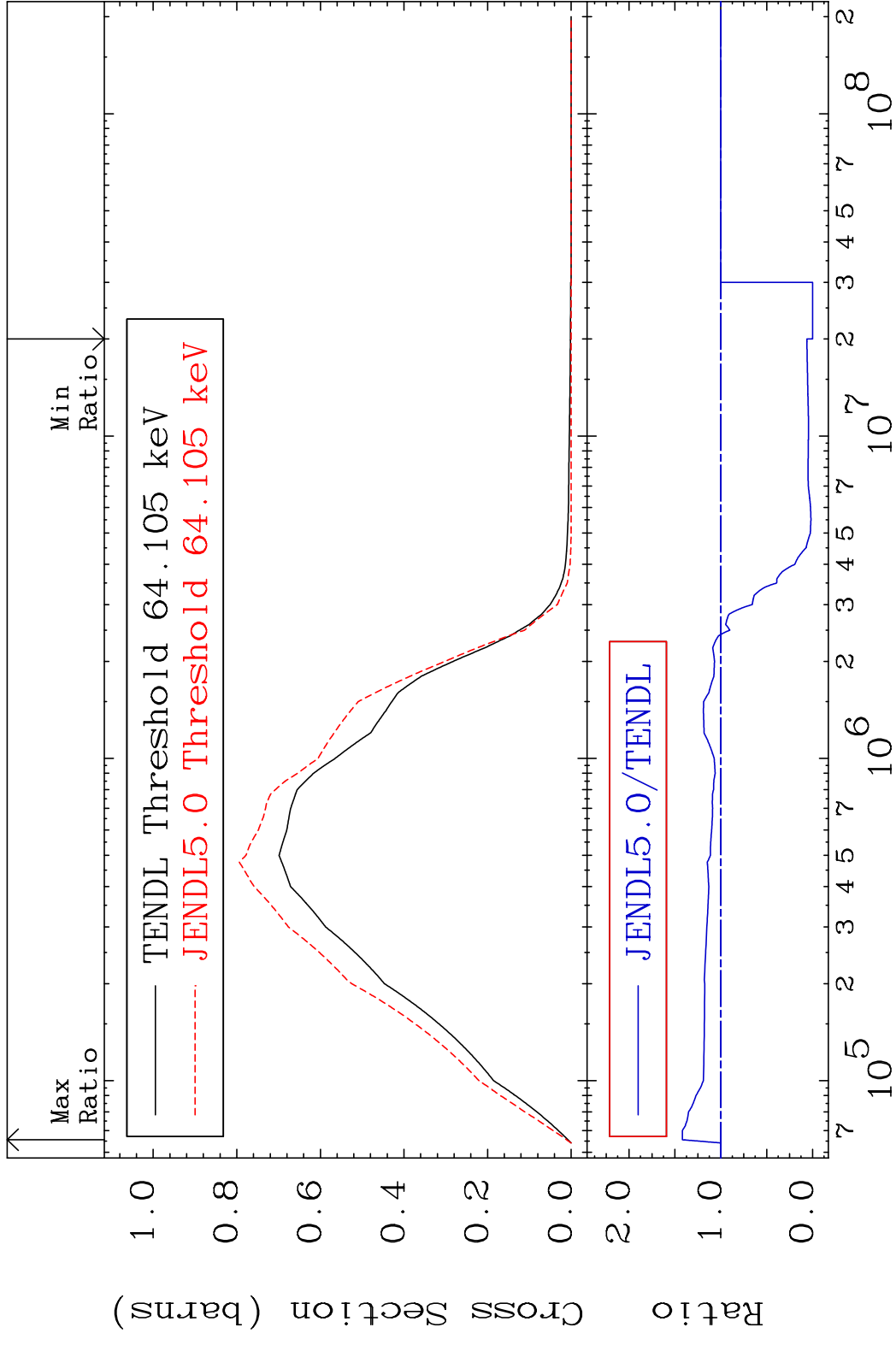
Incident Energy (eV)

88-Ra-228

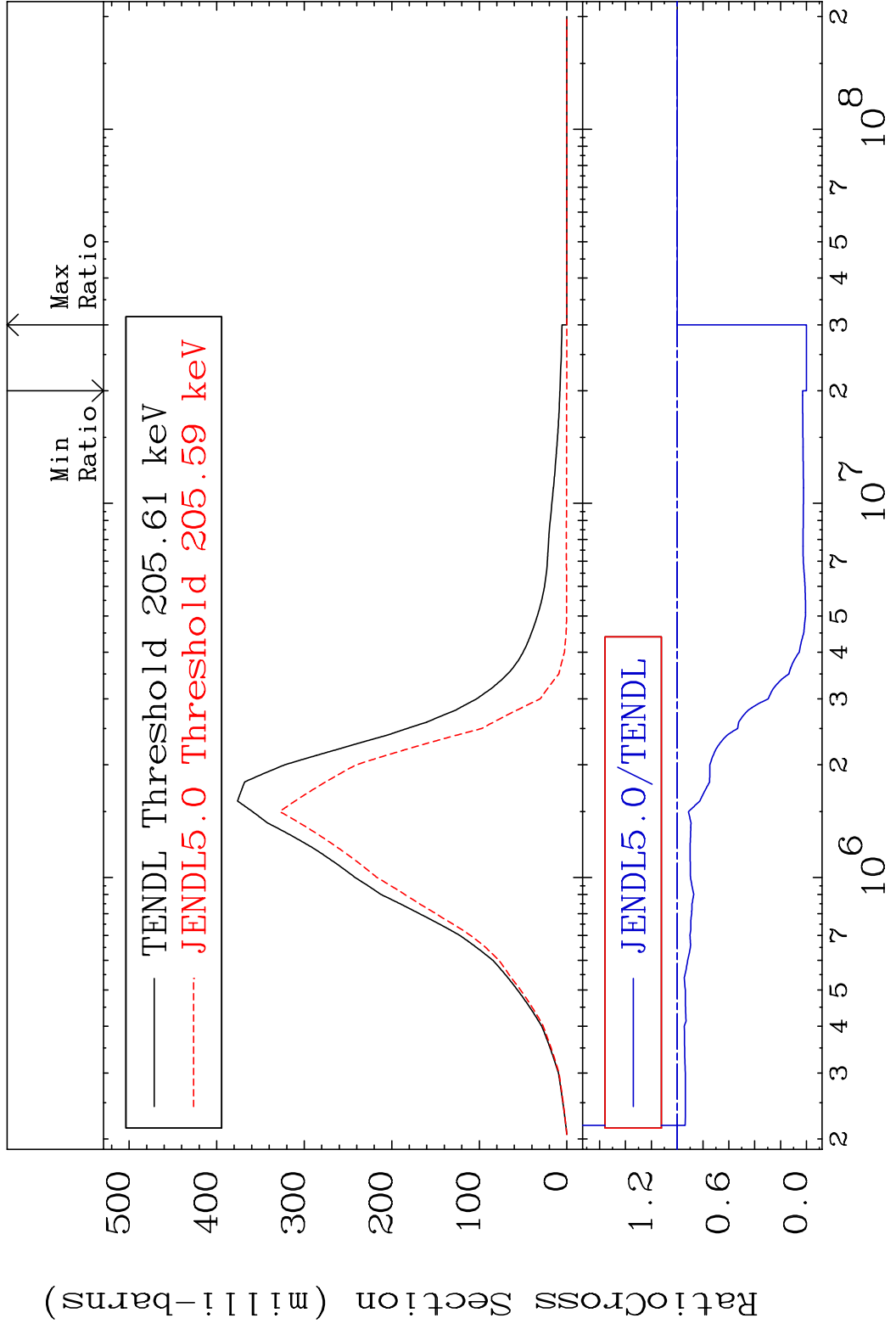
MAT 8840 (n,4n) 88-Ra-228
 Cross Section -100.0 To 1822. %



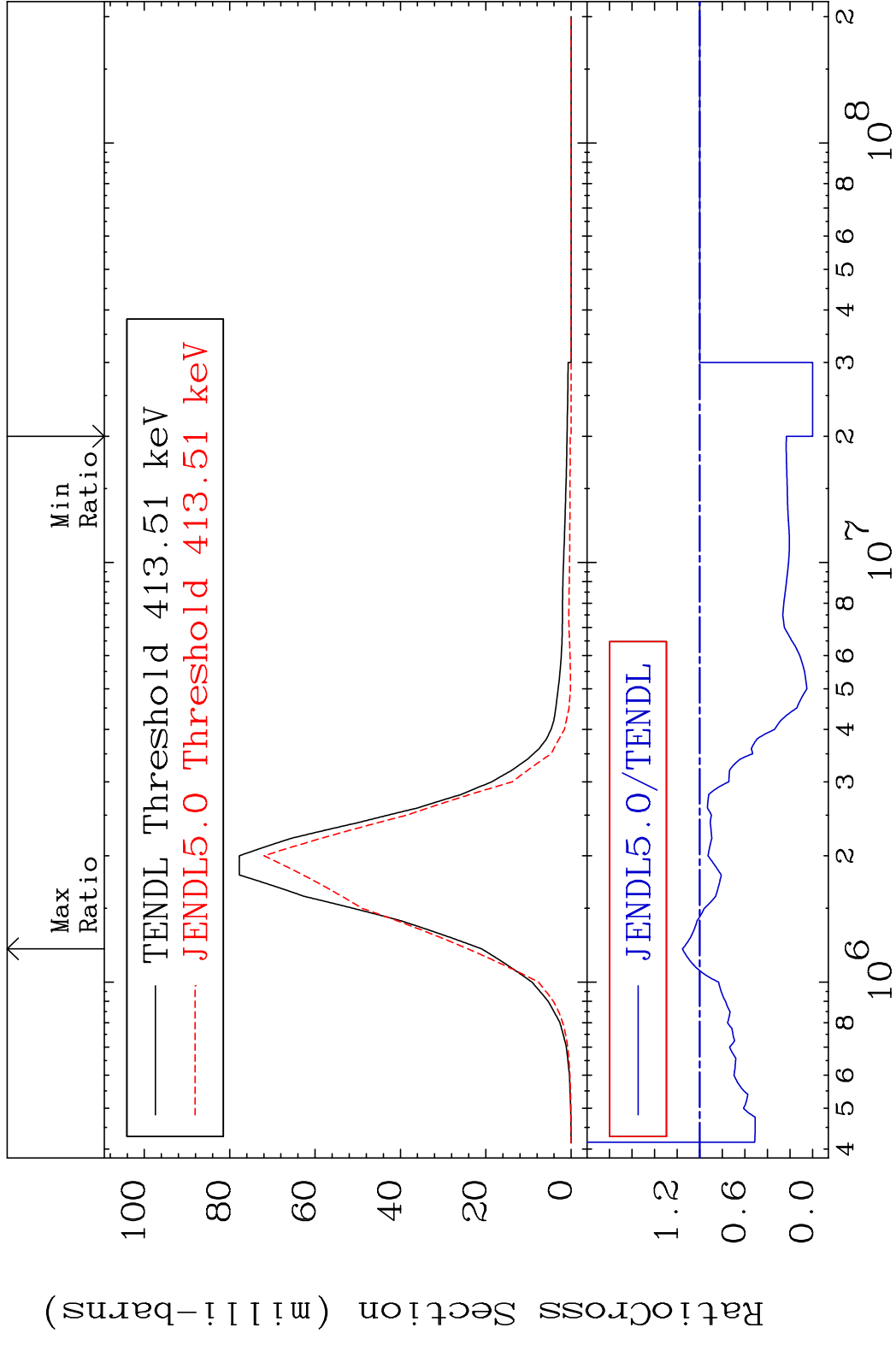
MAT 8840 MT= 51 (n,n') Level 88-Ra-228
 Cross Section -100.0 To 41.92 %



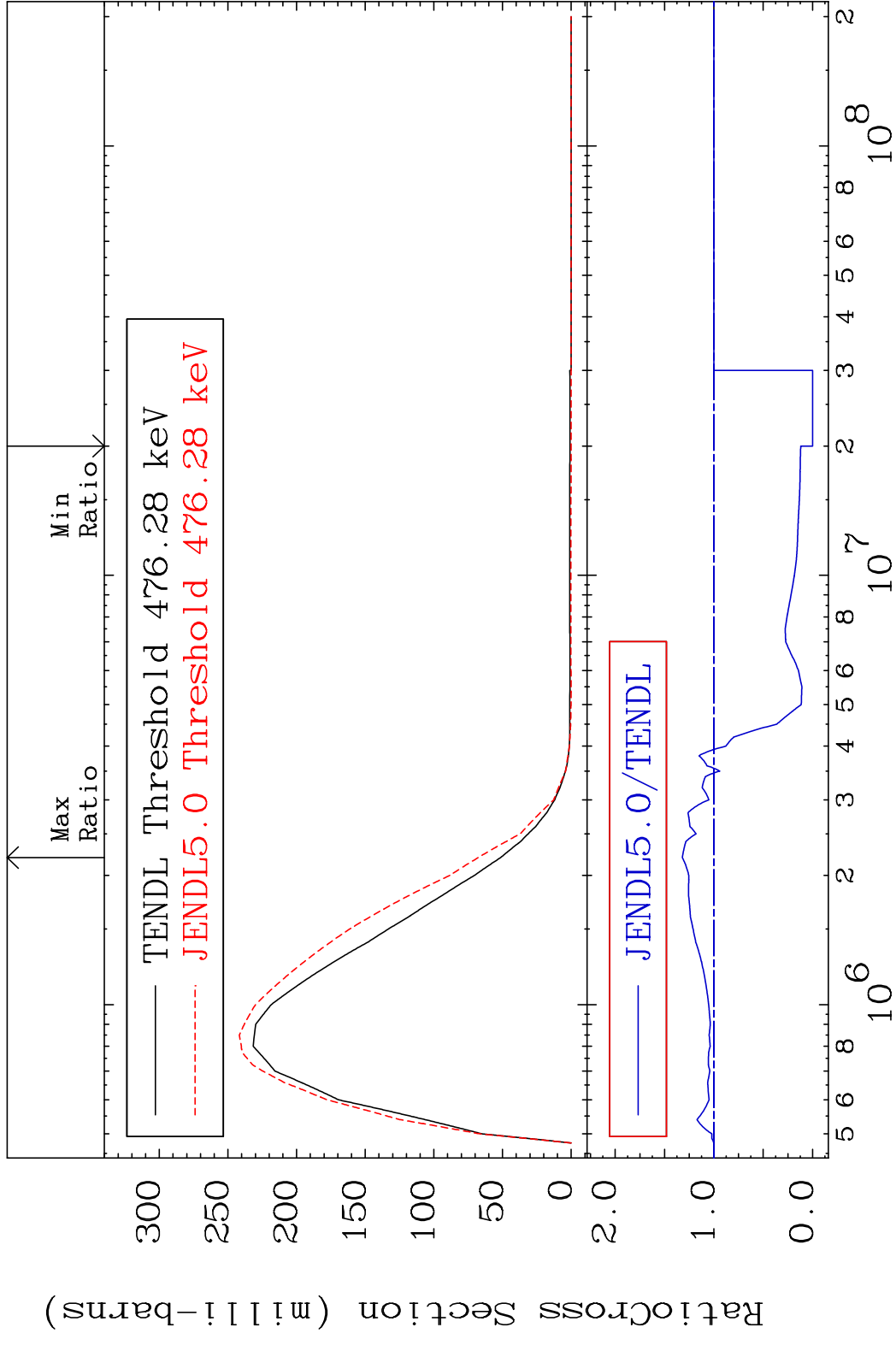
MAT 8840 MT= 52 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 0.000 %



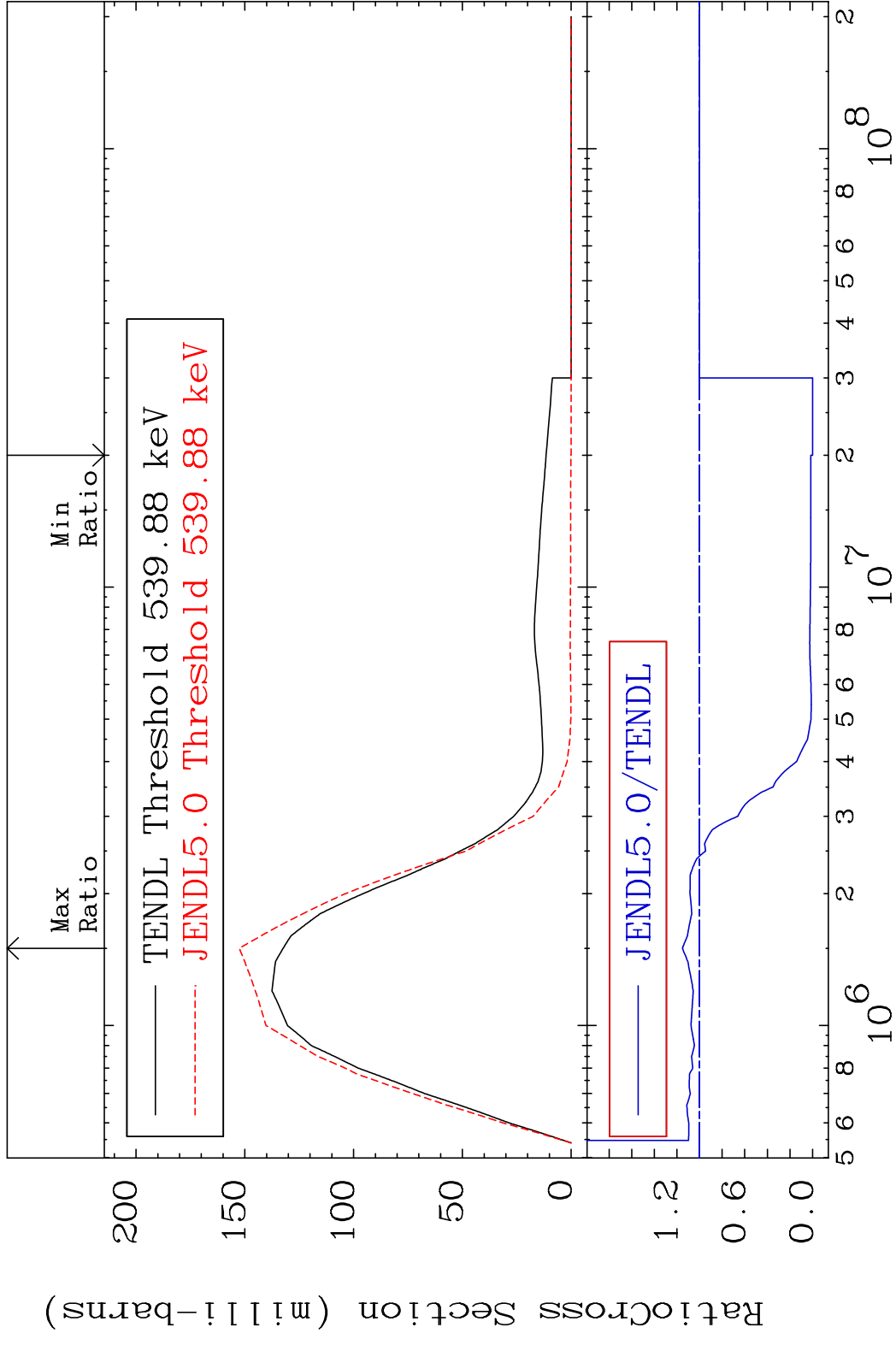
MAT 8840 MT= 53 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 15.34 %



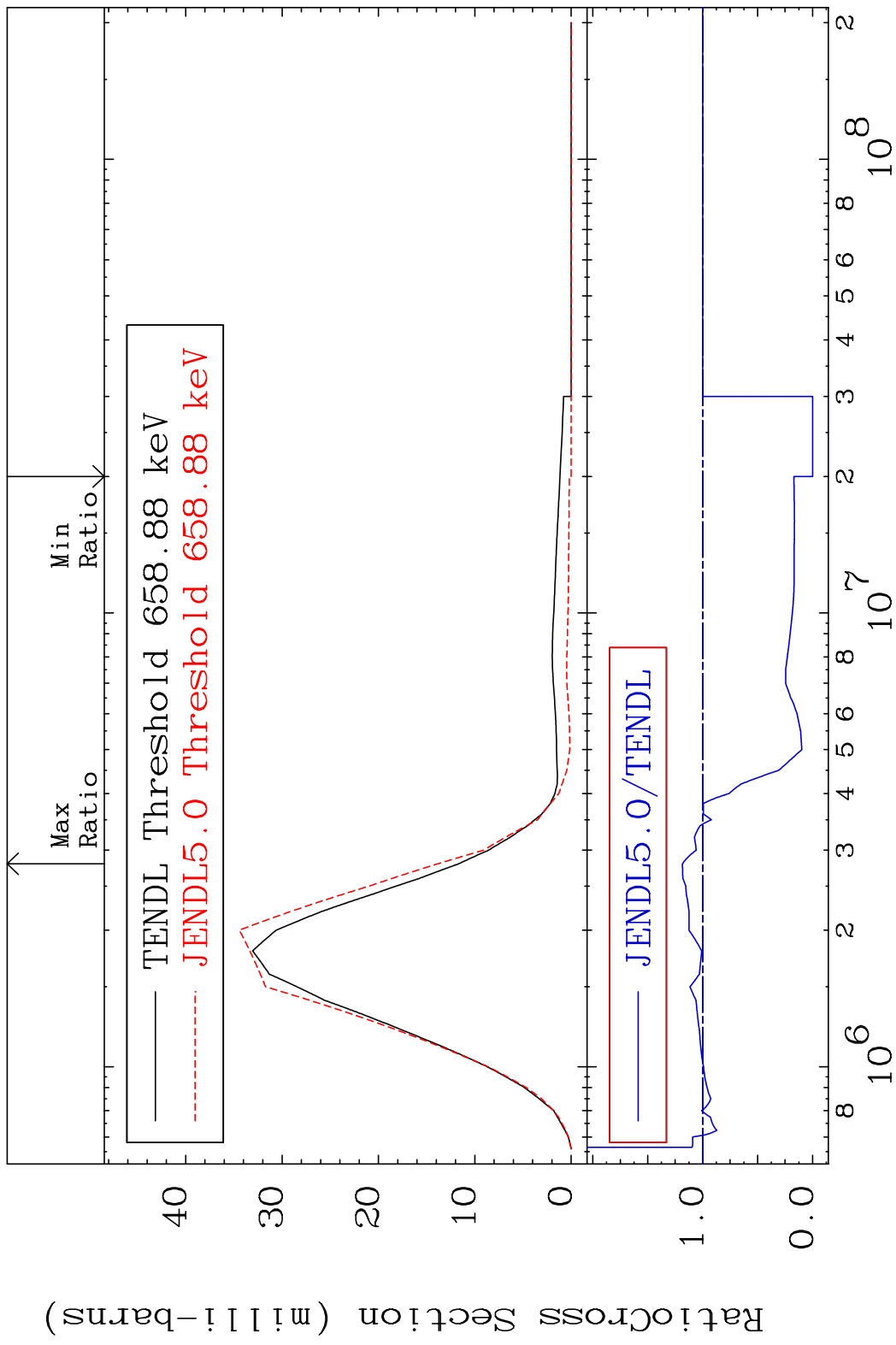
MAT 8840 MT= 54 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 31.96 %



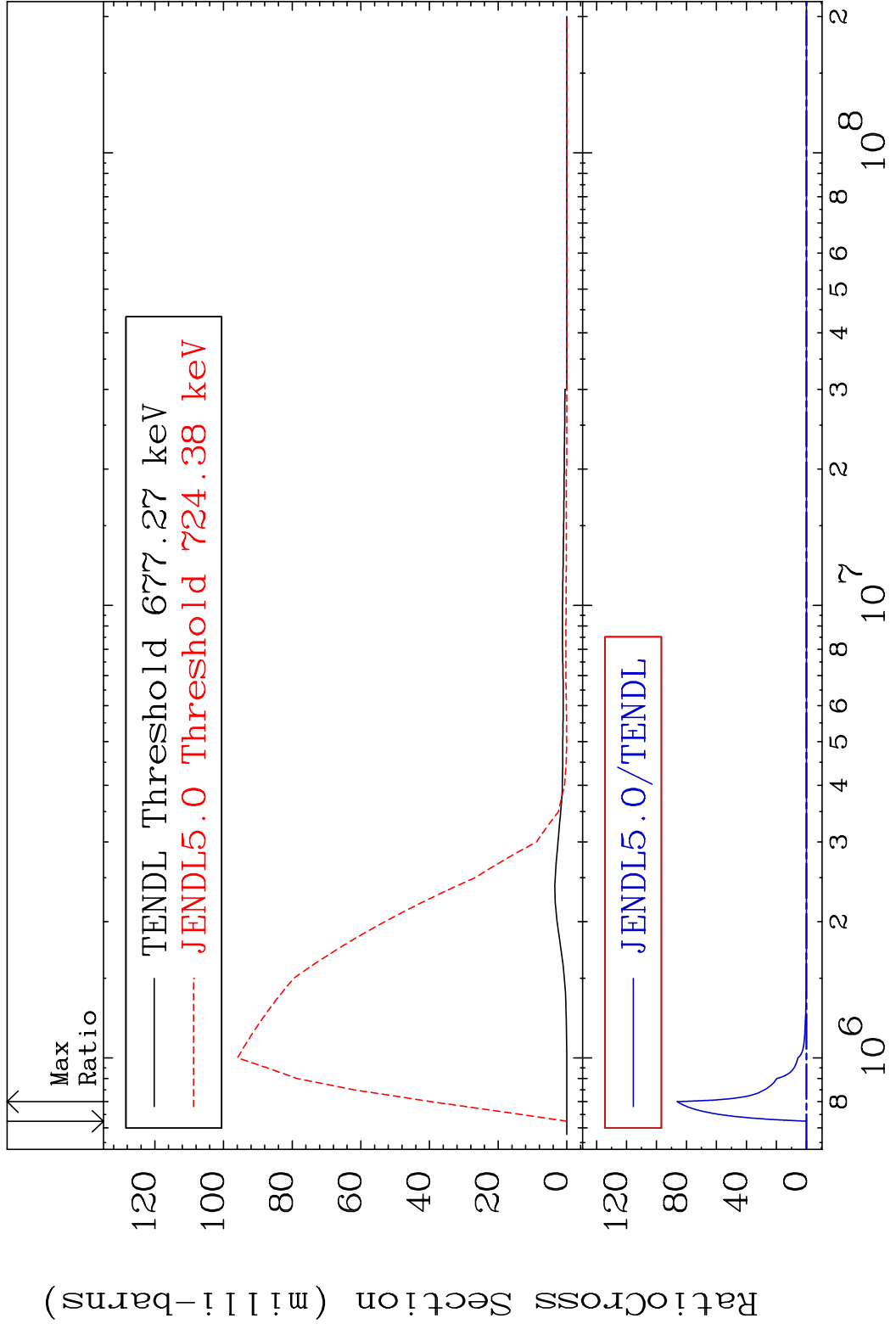
MAT 8840 MT= 55 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 15.21 %



MAT 8840 MT= 56 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 18.48 %

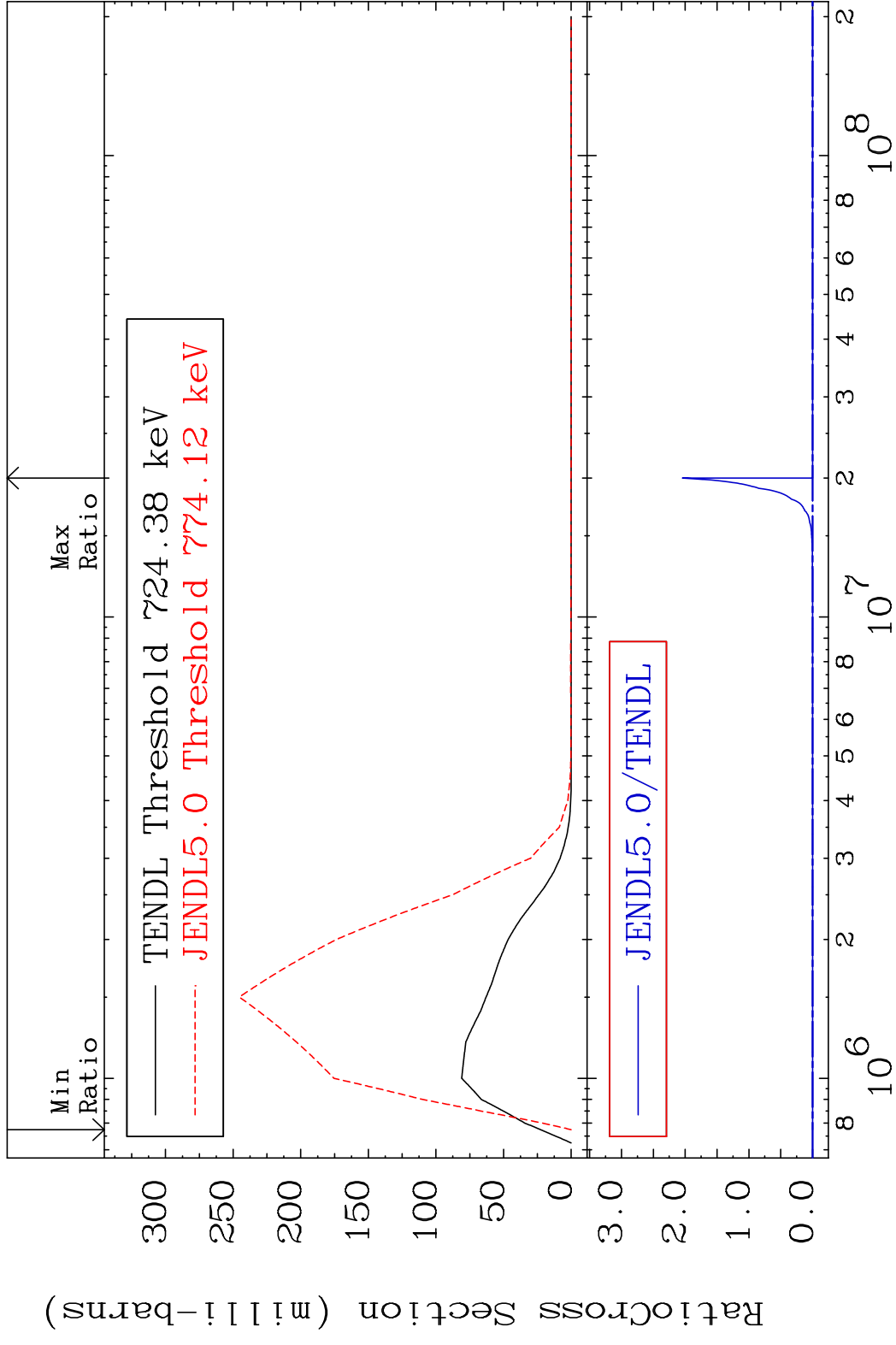


MAT 8840 MT= 57 (n,n') Level 88-Ra-228
 Cross Section -100.0 To 9999. %

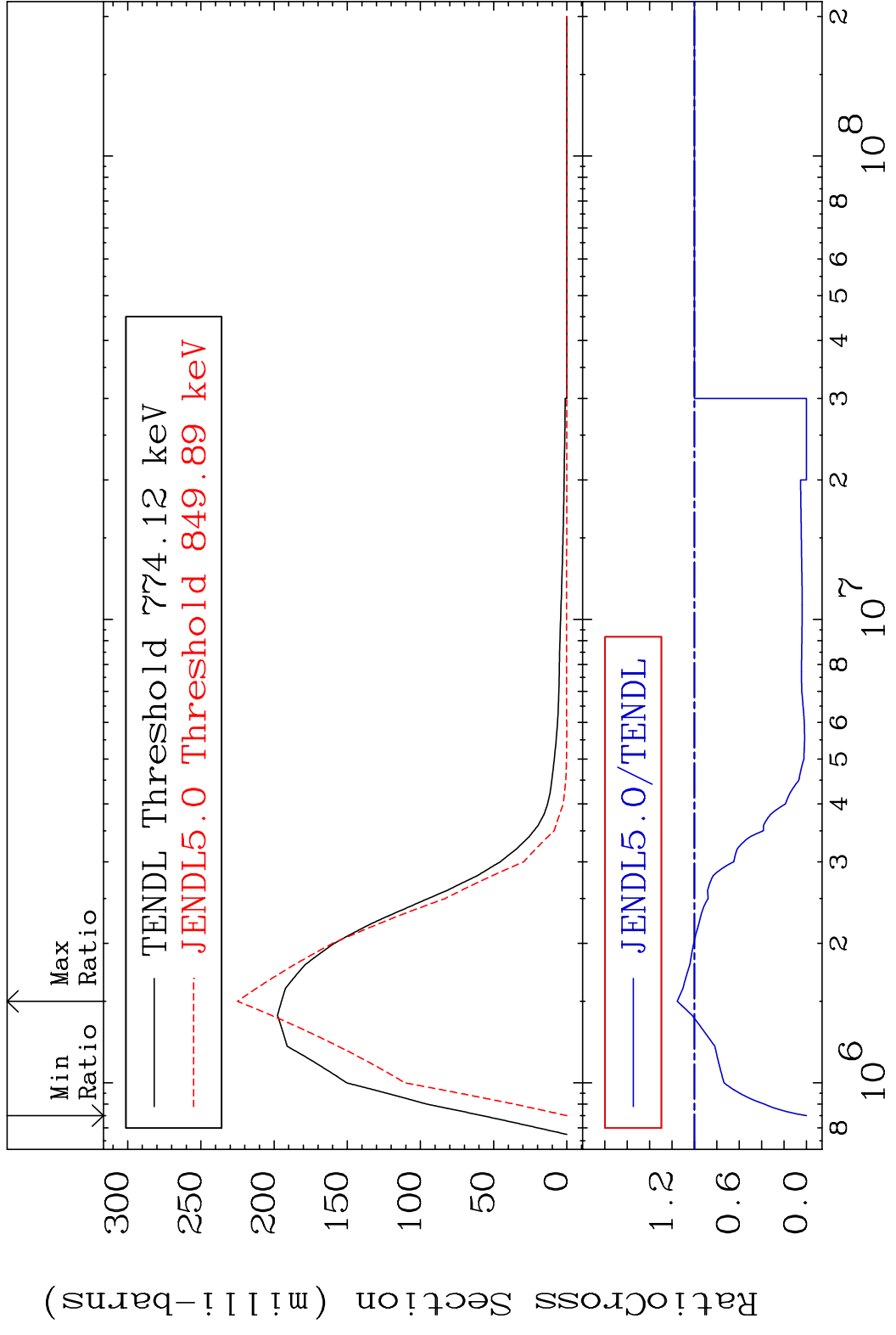


20 Incident Energy (eV) 88-Ra-228

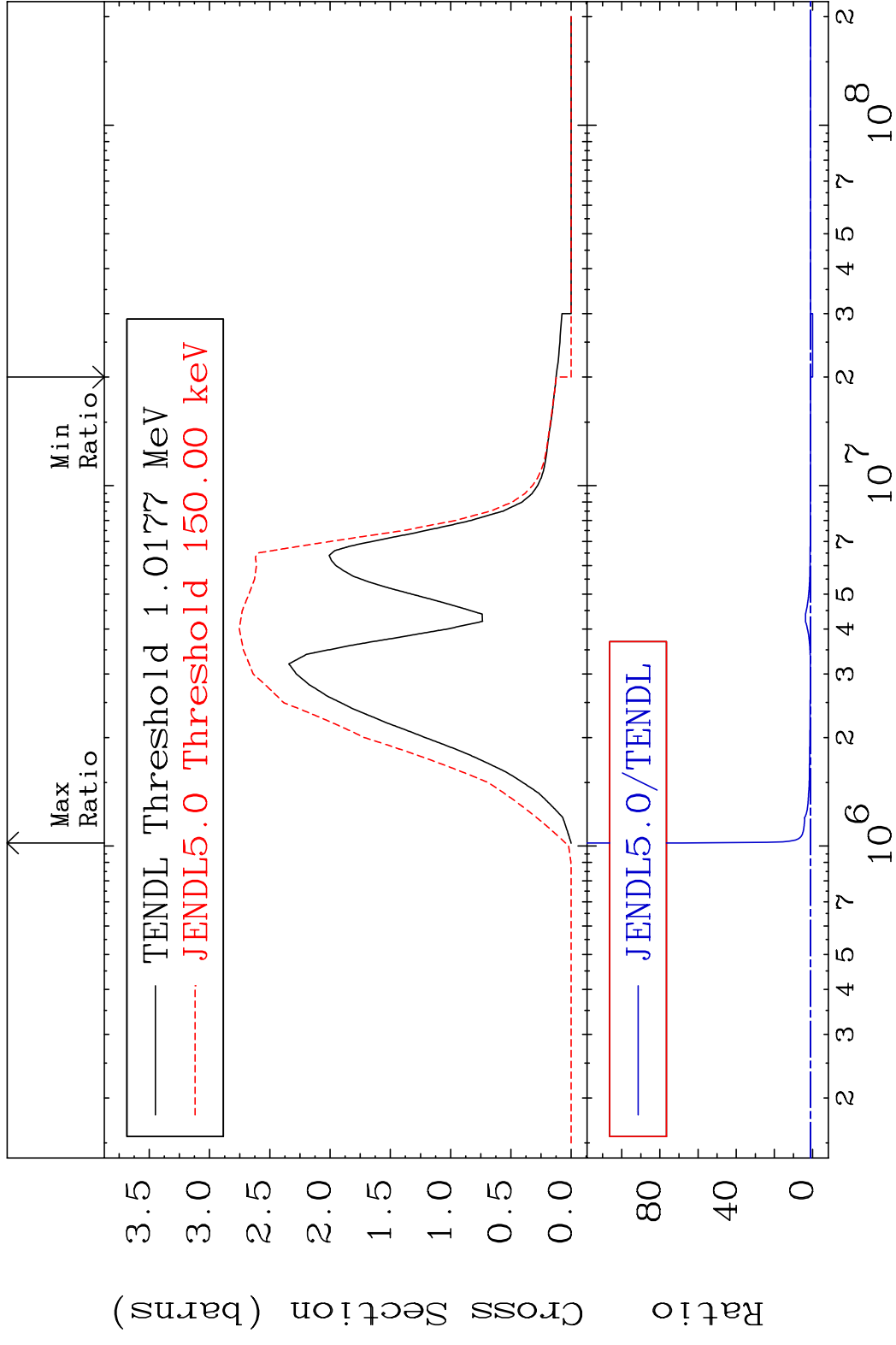
MAT 8840 MT= 58 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 9999. %



MAT 8840 MT= 59 (n, n') Level 88-Ra-228
 Cross Section -100.0 To 15.42 %



MAT 8840 (n,n') Continuum 88-Ra-228
 Cross Section -100.0 To 6722. %

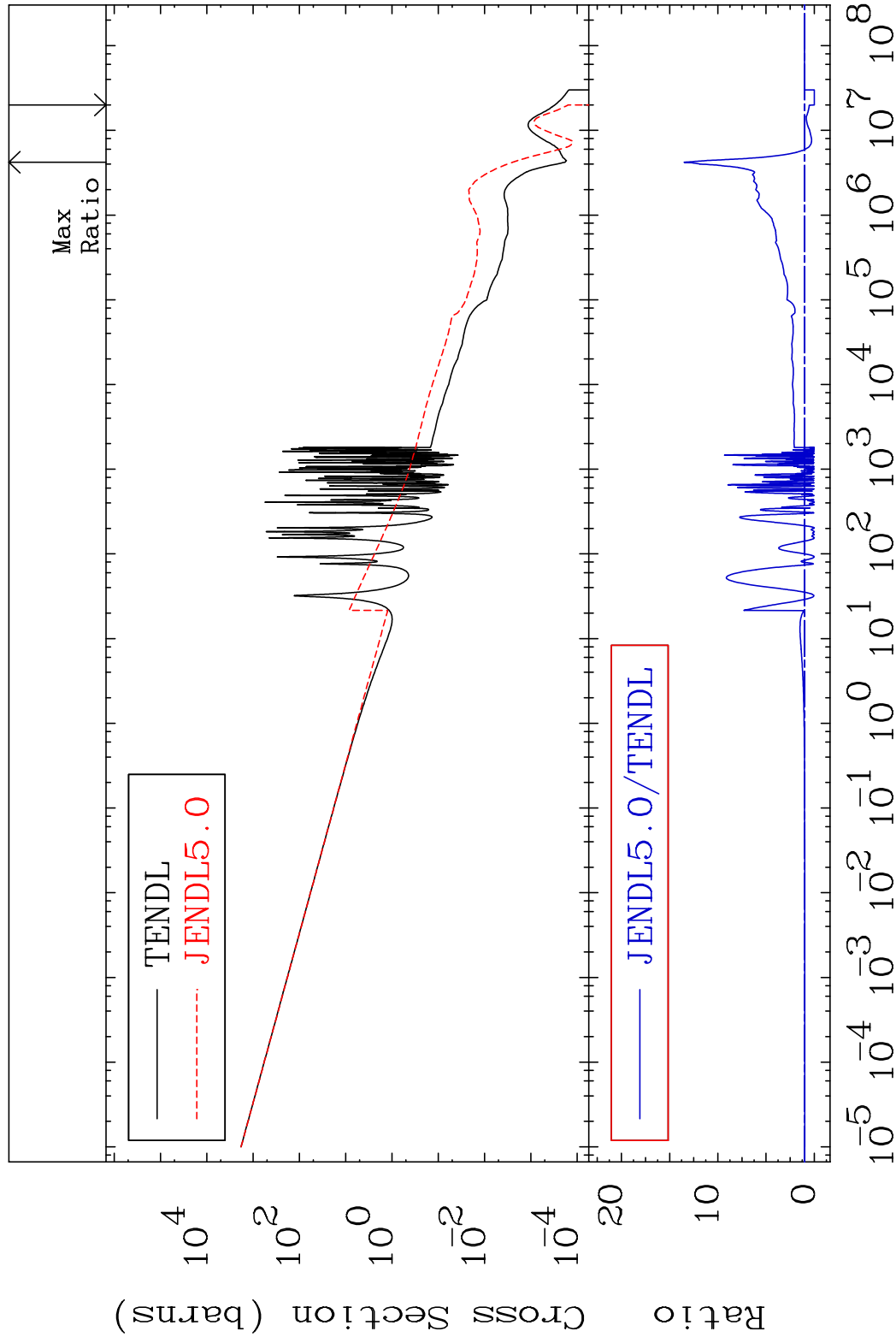


MAT 8840

(n, γ)

88-Ra-228

Cross Section -100.0 To 1250. %



24

Incident Energy (eV)

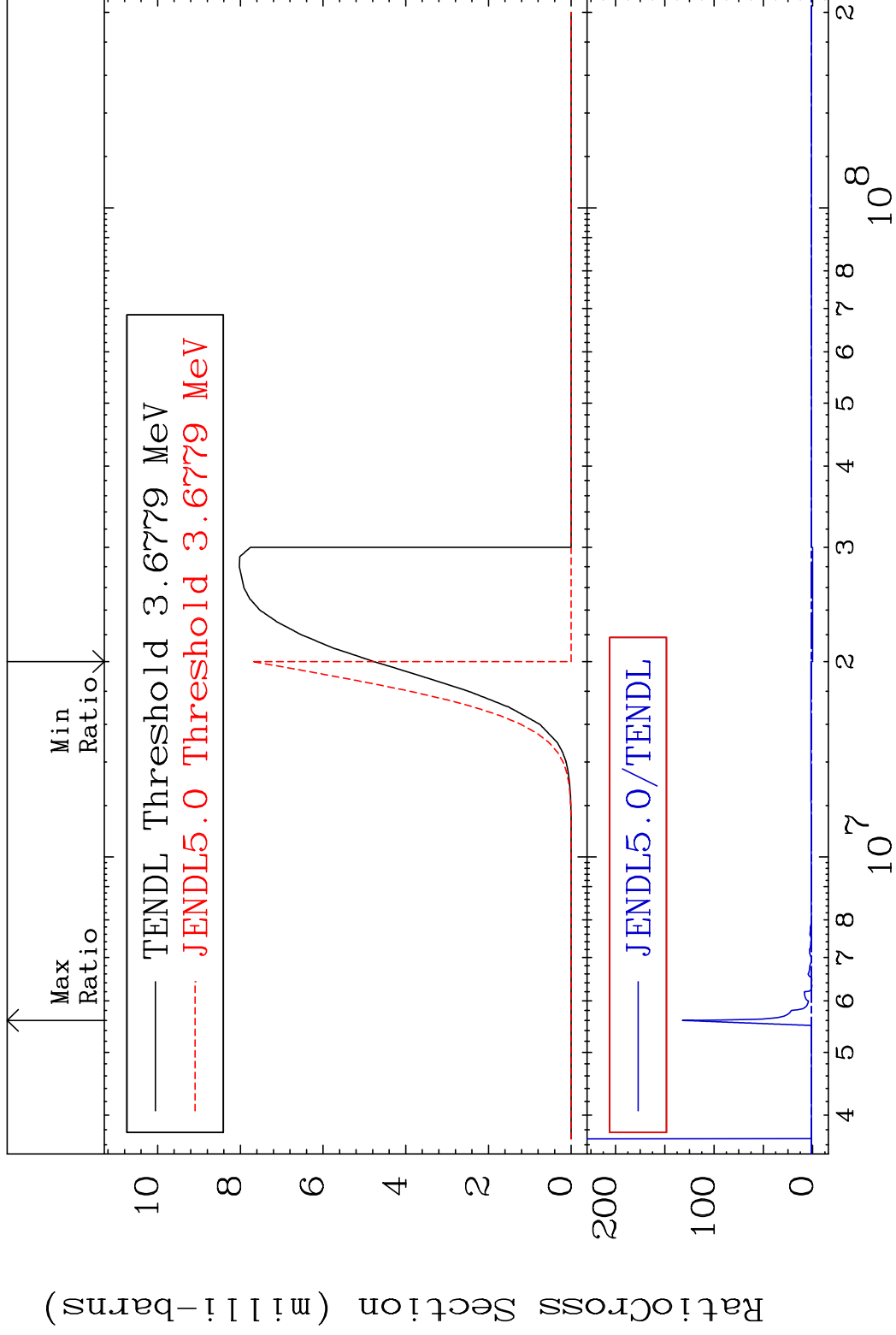
88-Ra-228

MAT 8840

(n, p)

88-Ra-228

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

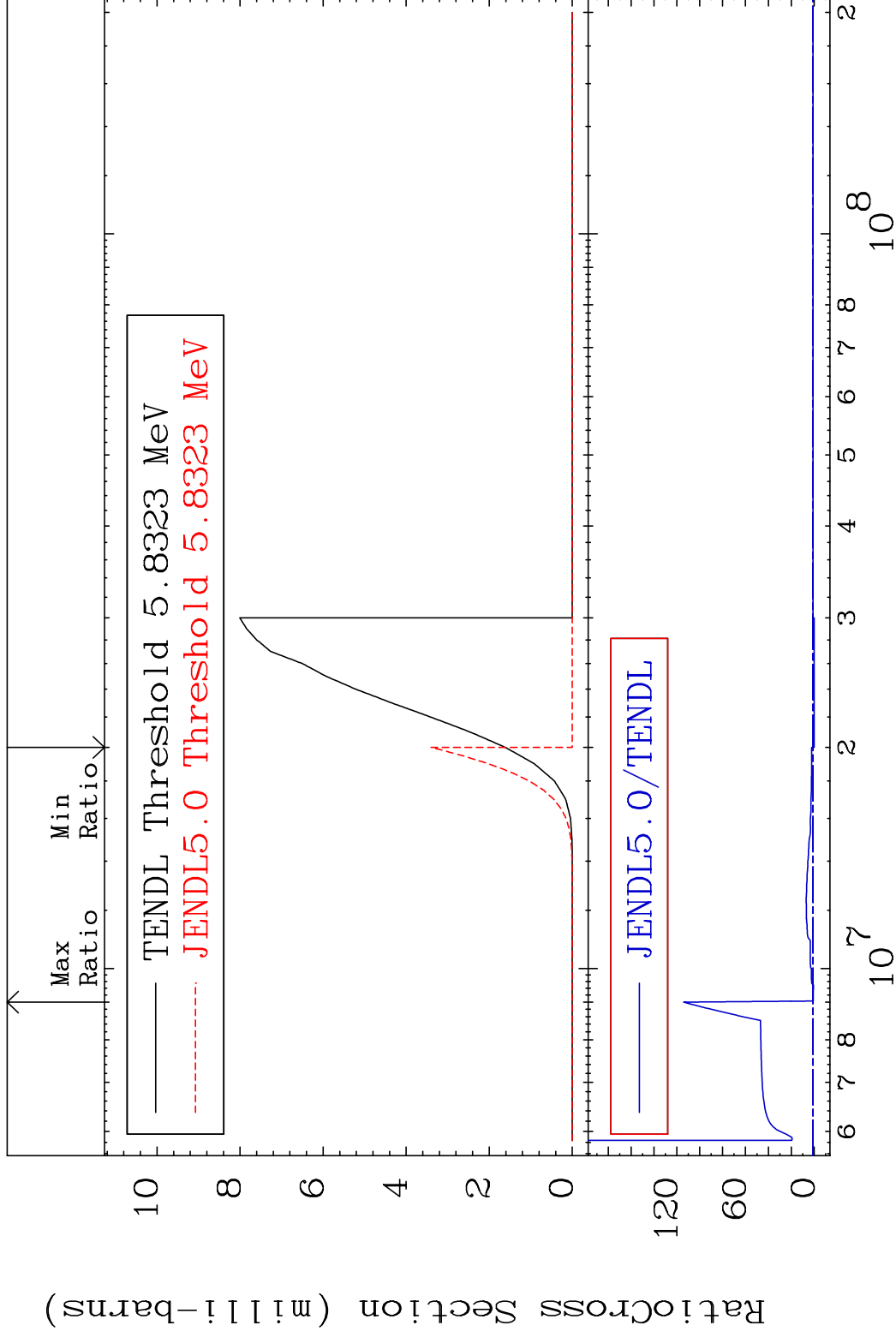
88-Ra-228

MAT 8840

(n,d)

88-Ra-228

Cross Section -100.0 To 9999. %

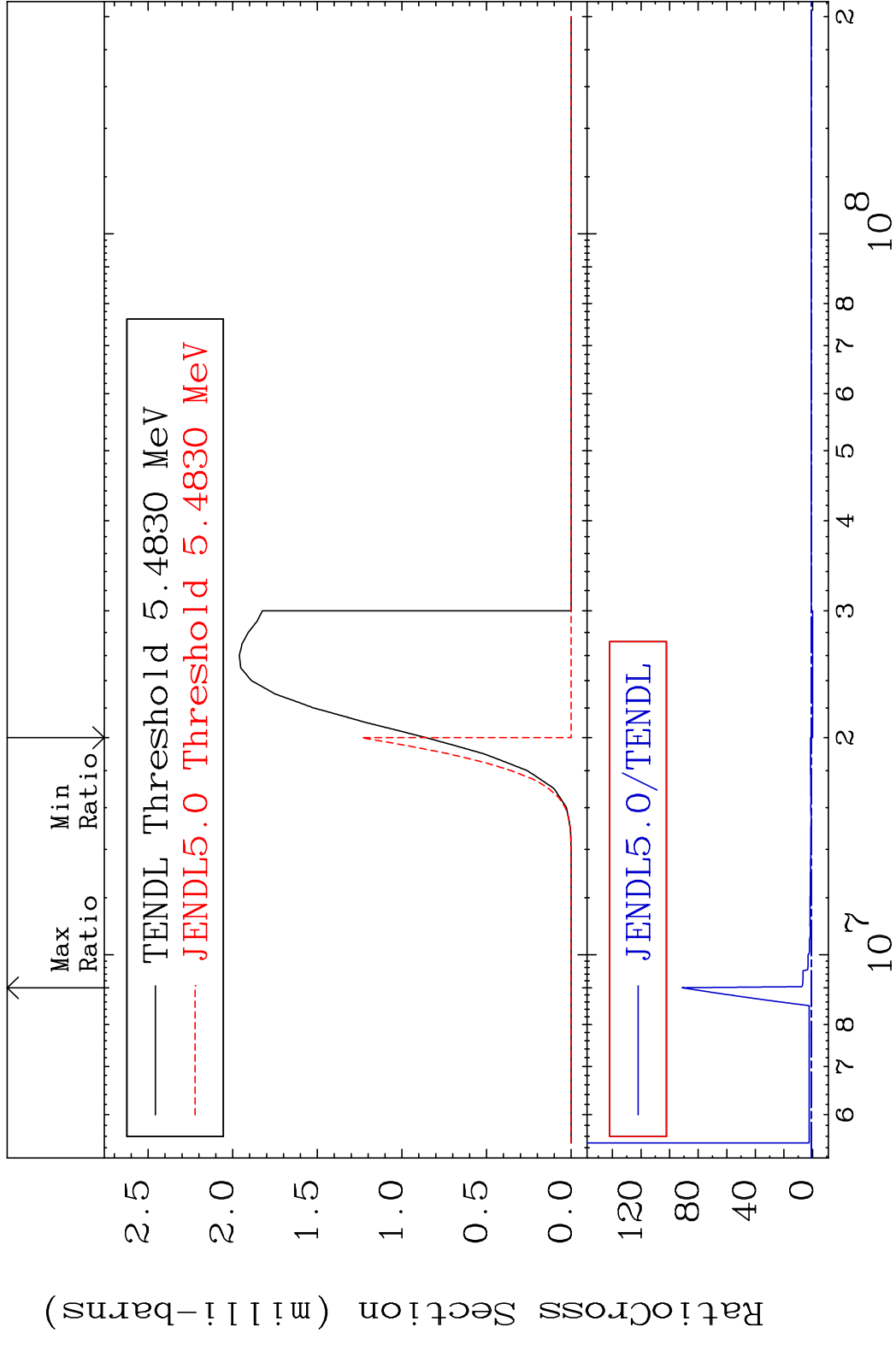


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Incident Energy (eV)

88-Ra-228

MAT 8840 (n, t) 88-Ra-228
 Cross Section -100.0 To 9009. %

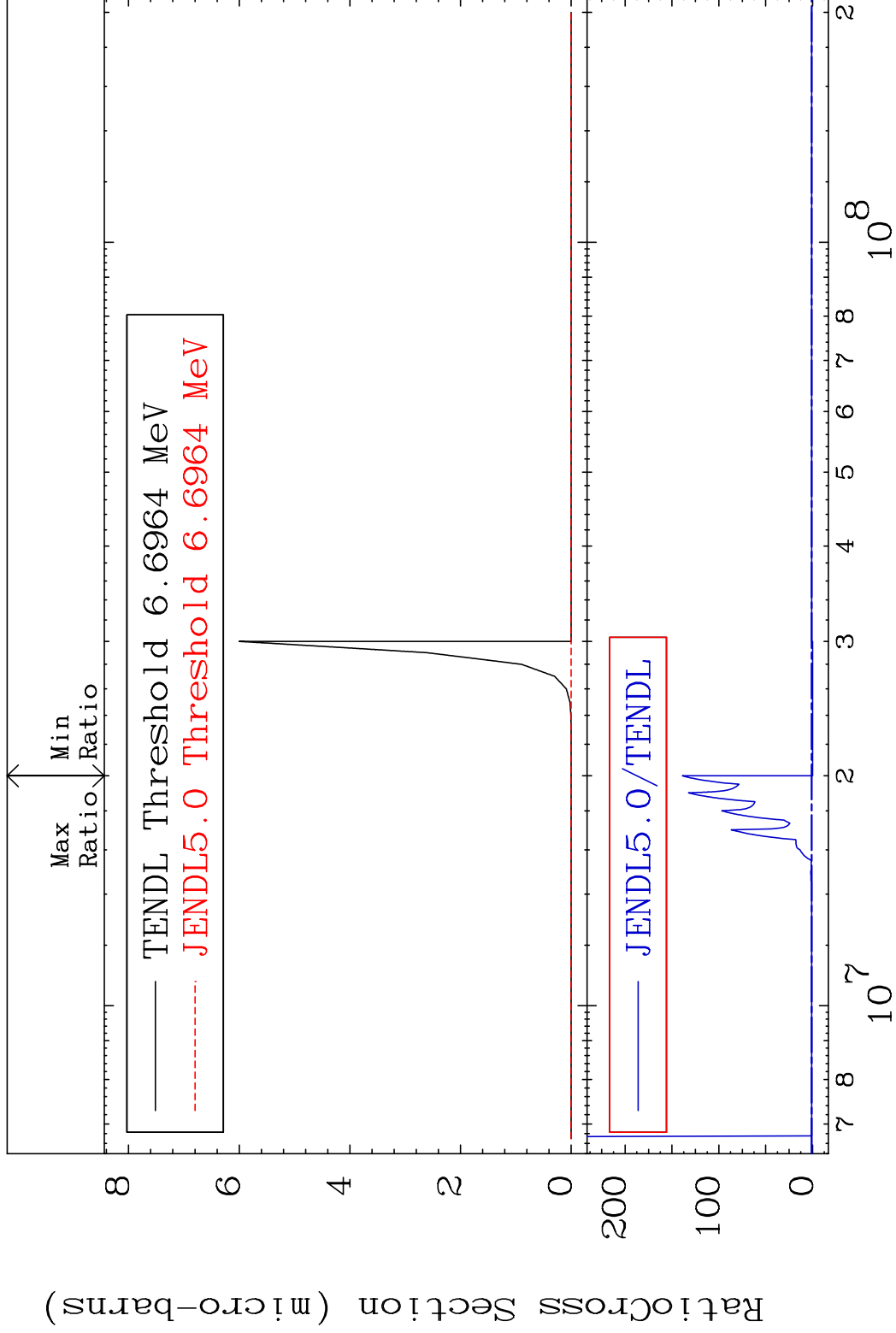


MAT 8840

(n, He-3)

88-Ra-228

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

88-Ra-228

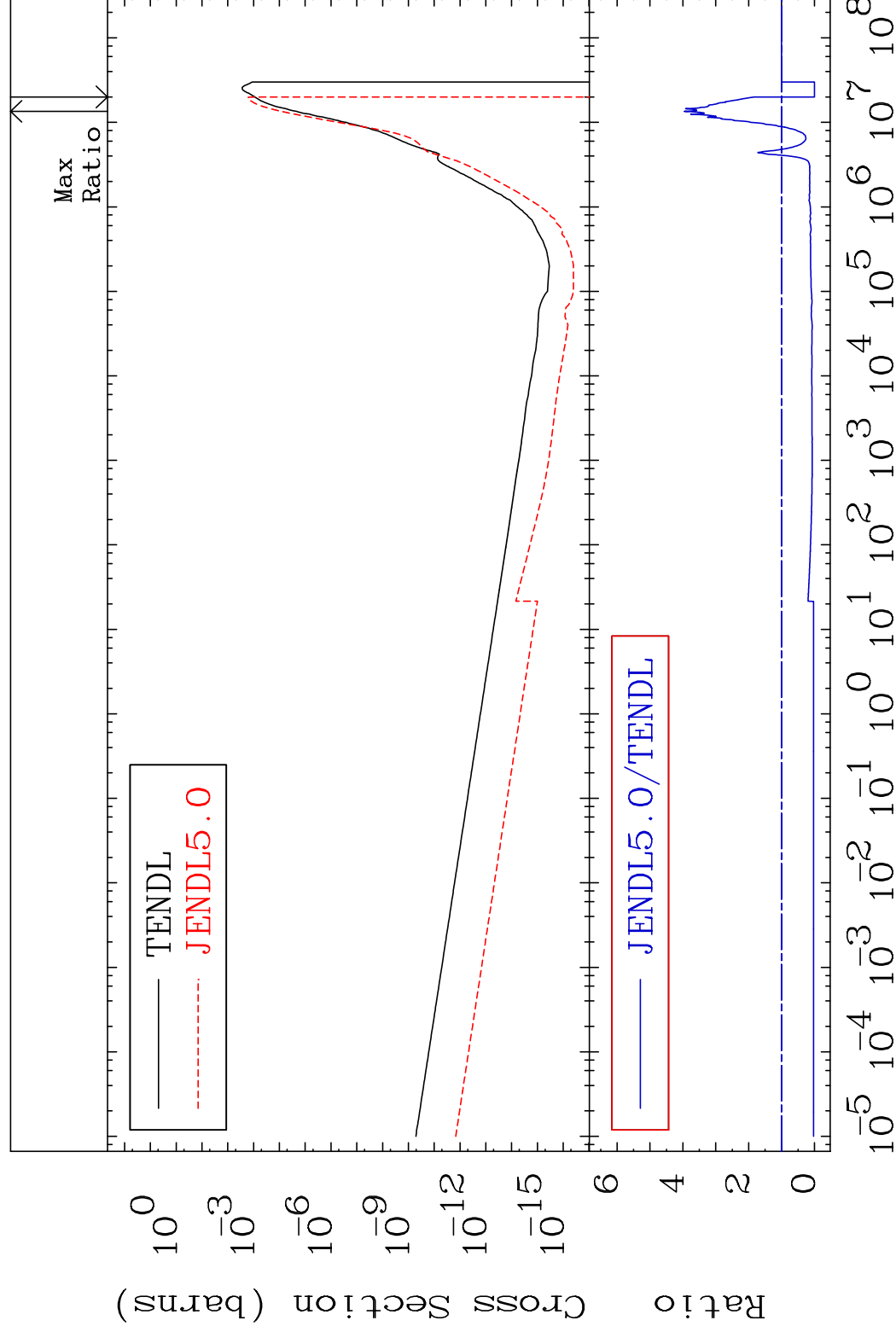
MAT 8840

(n, α)

88-Ra-228

Cross Section

-100.0 To 295.2 %



29

Incident Energy (eV)

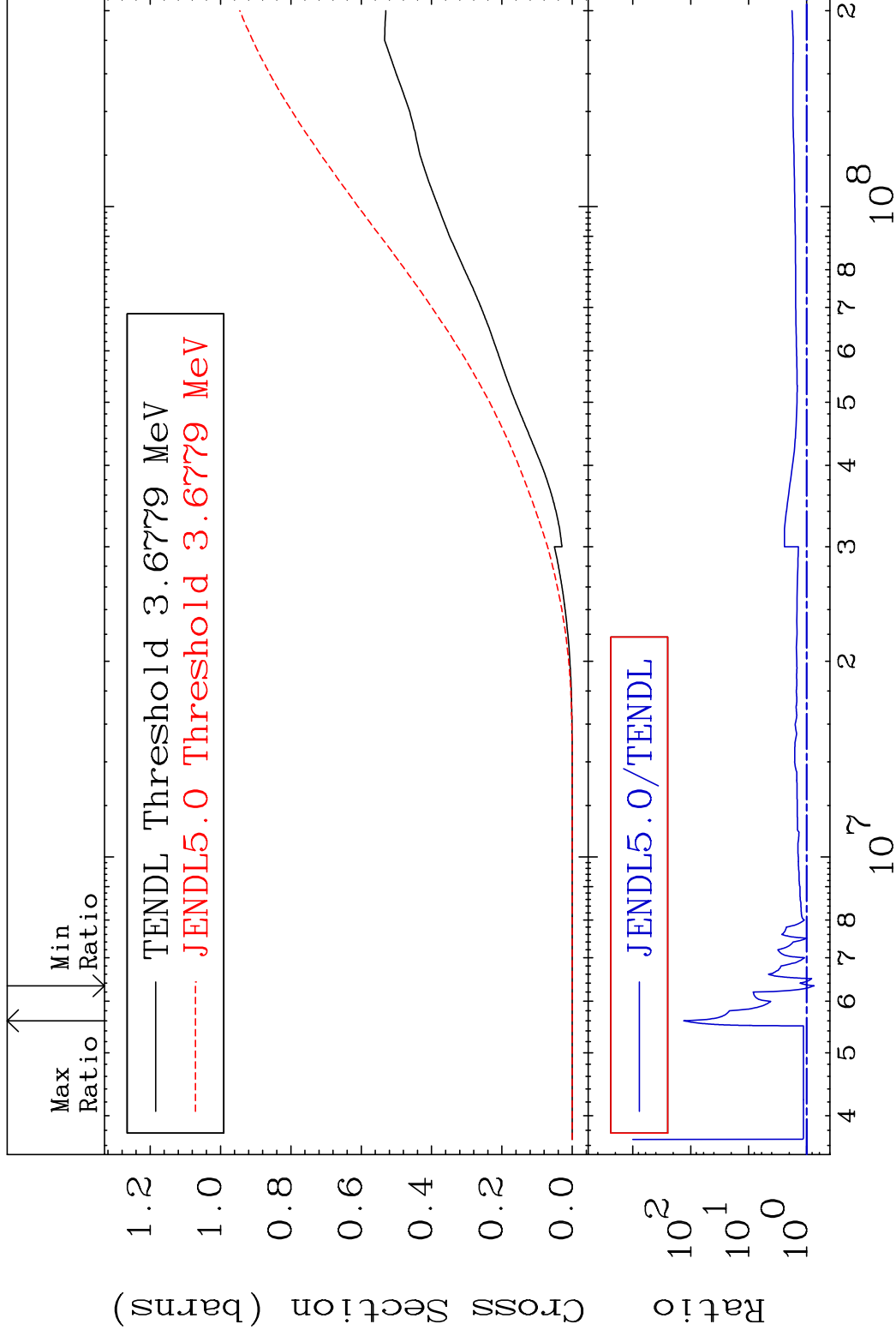
88-Ra-228

MAT 8840

Hydrogen Production

88-Ra-228

Cross Section -25.82 To 9999. %

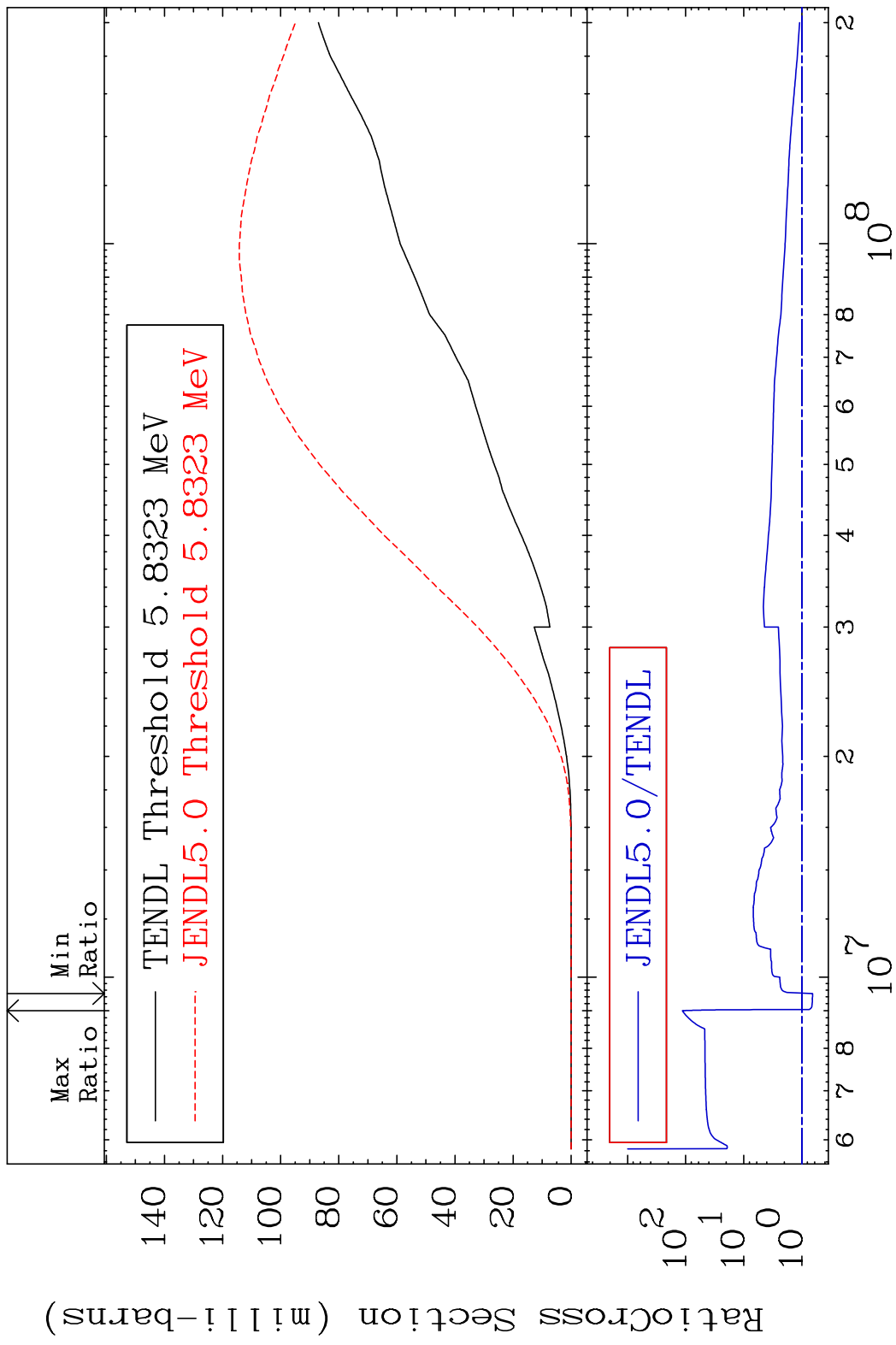


30

Incident Energy (eV)

88-Ra-228

MAT 8840 Deuterium Production 88-Ra-228
 Cross Section -34.68 To 9999. %

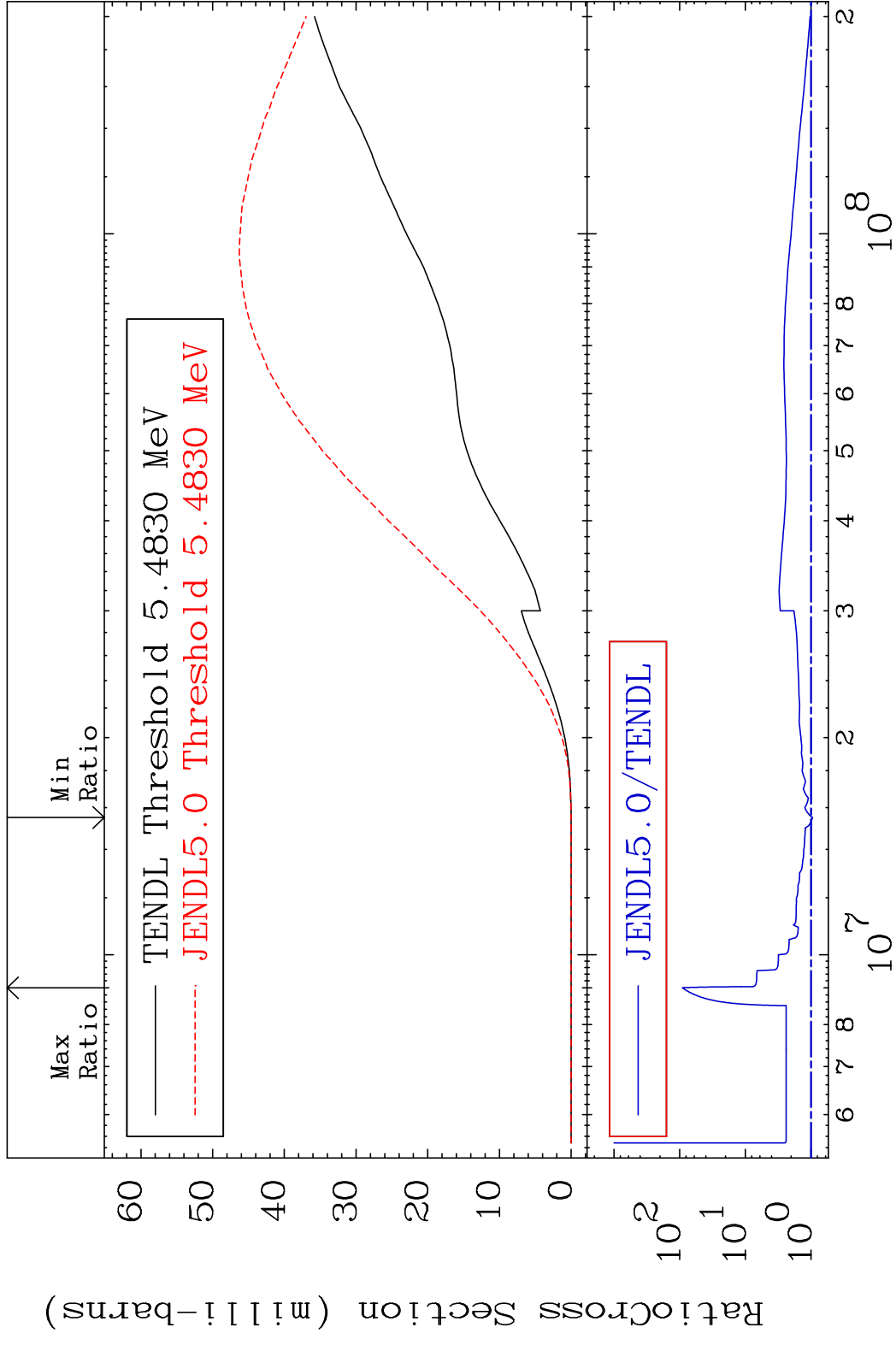


MAT 8840

Tritium Production

88-Ra-228

Cross Section -5.230 To 9009. %

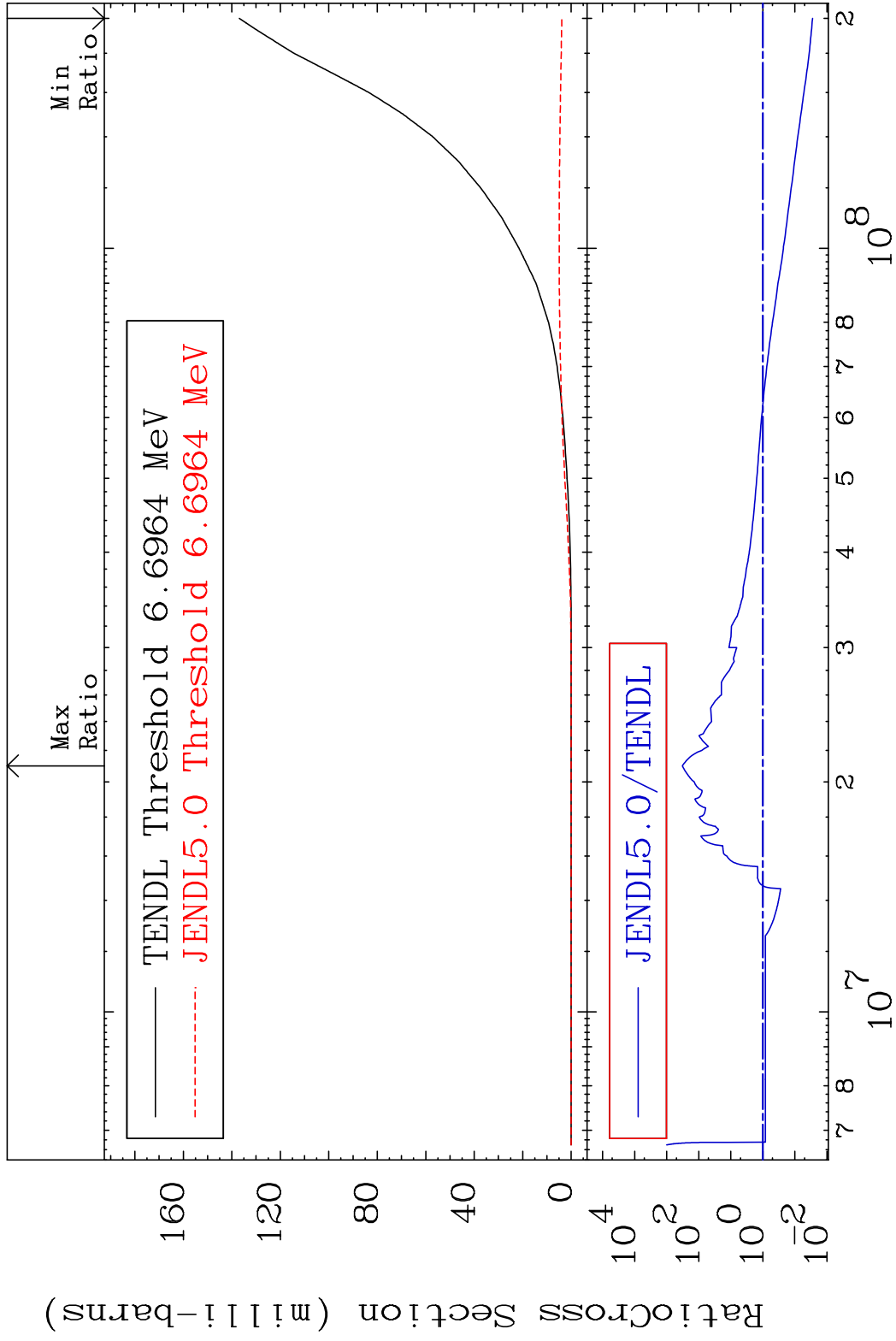


MAT 8840

He-3 Production

88-Ra-228

Cross Section -97.18 To 9999. %



33

Incident Energy (eV)

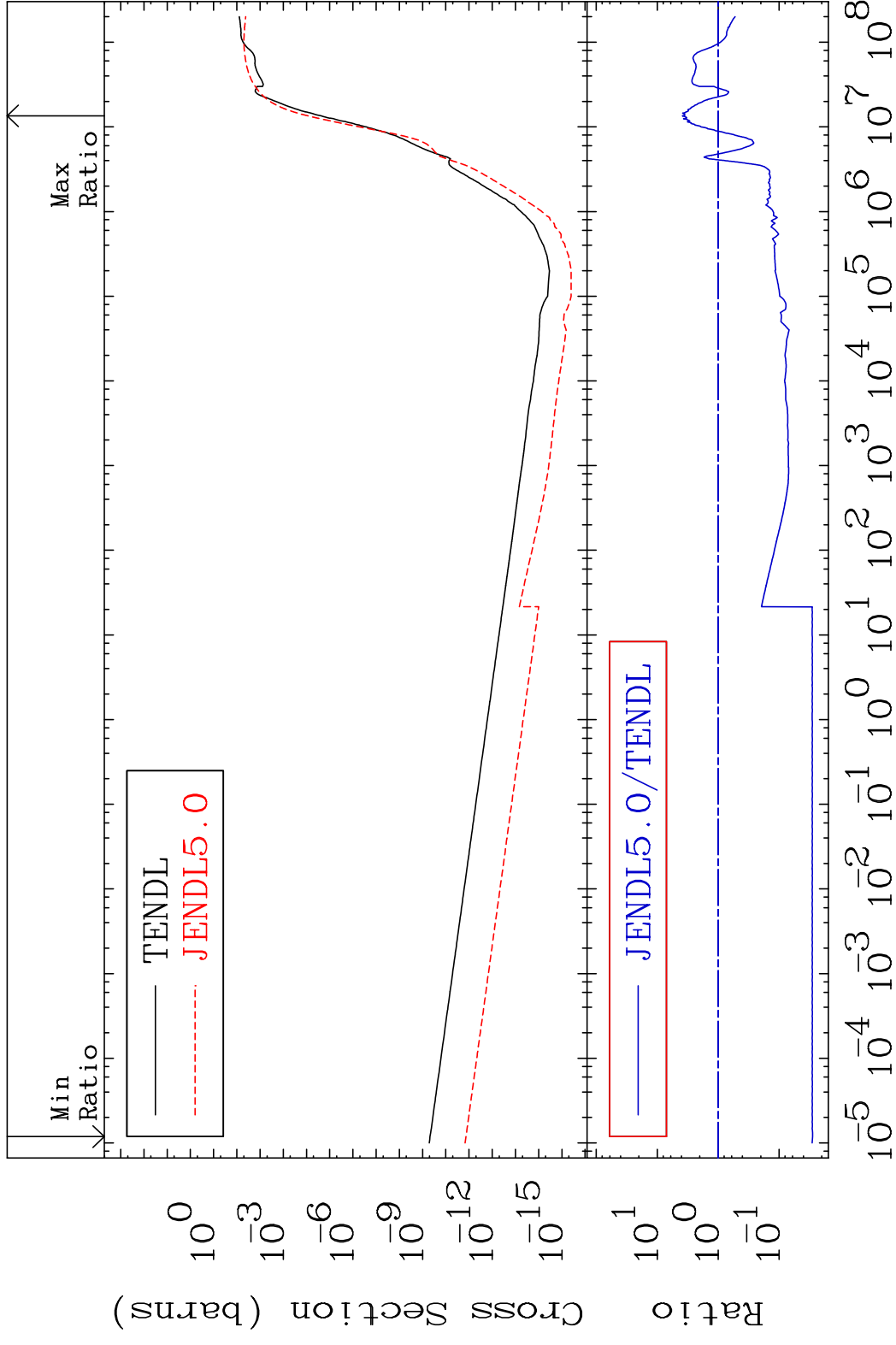
88-Ra-228

MAT 8840

He-4 Production

88-Ra-228

Cross Section -97.17 To 286.9 %



34

Incident Energy (eV)

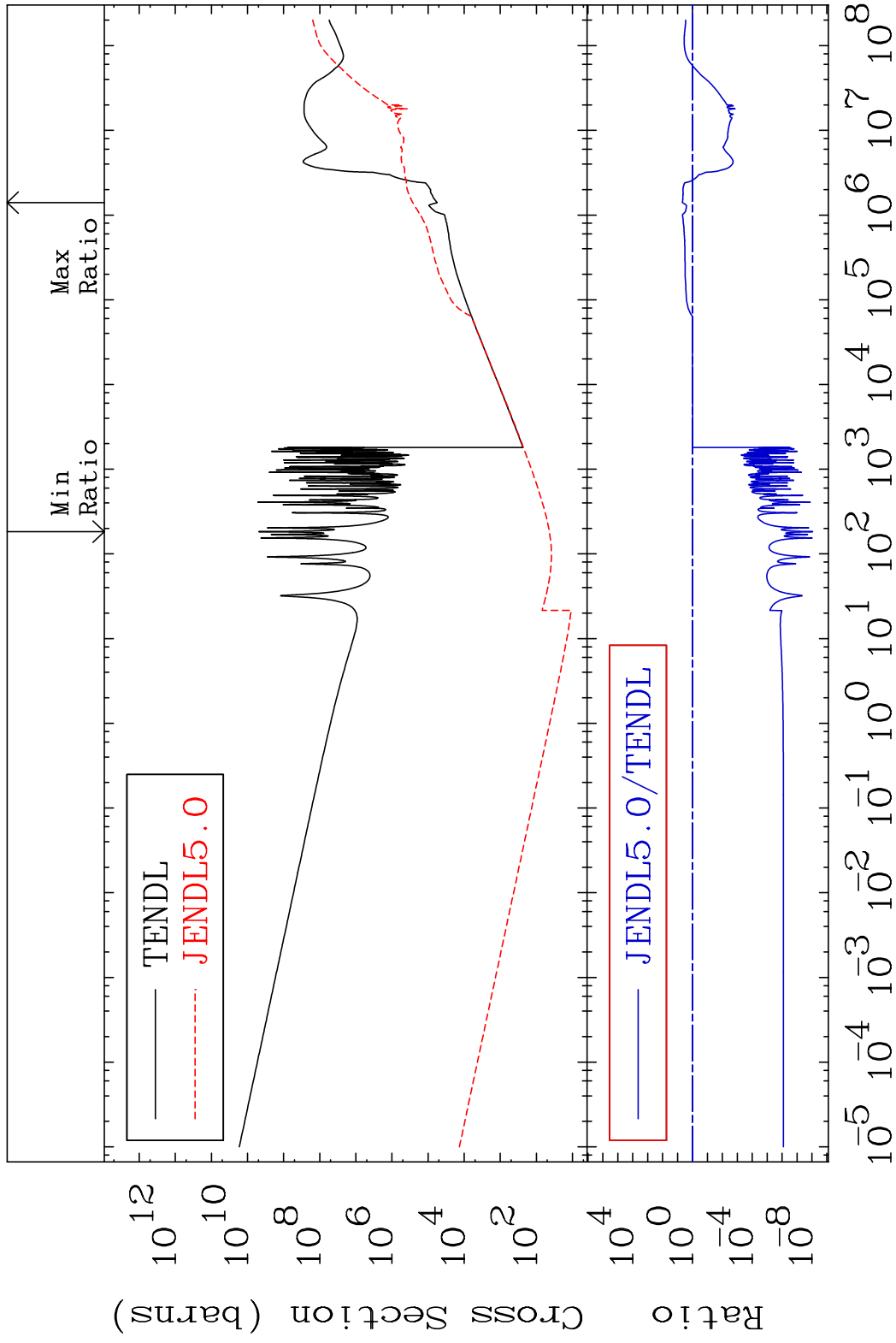
88-Ra-228

MAT 8840

Kerma total (eV-barns)

88-Ra-228

Cross Section -100.0 To 374.8 %



35

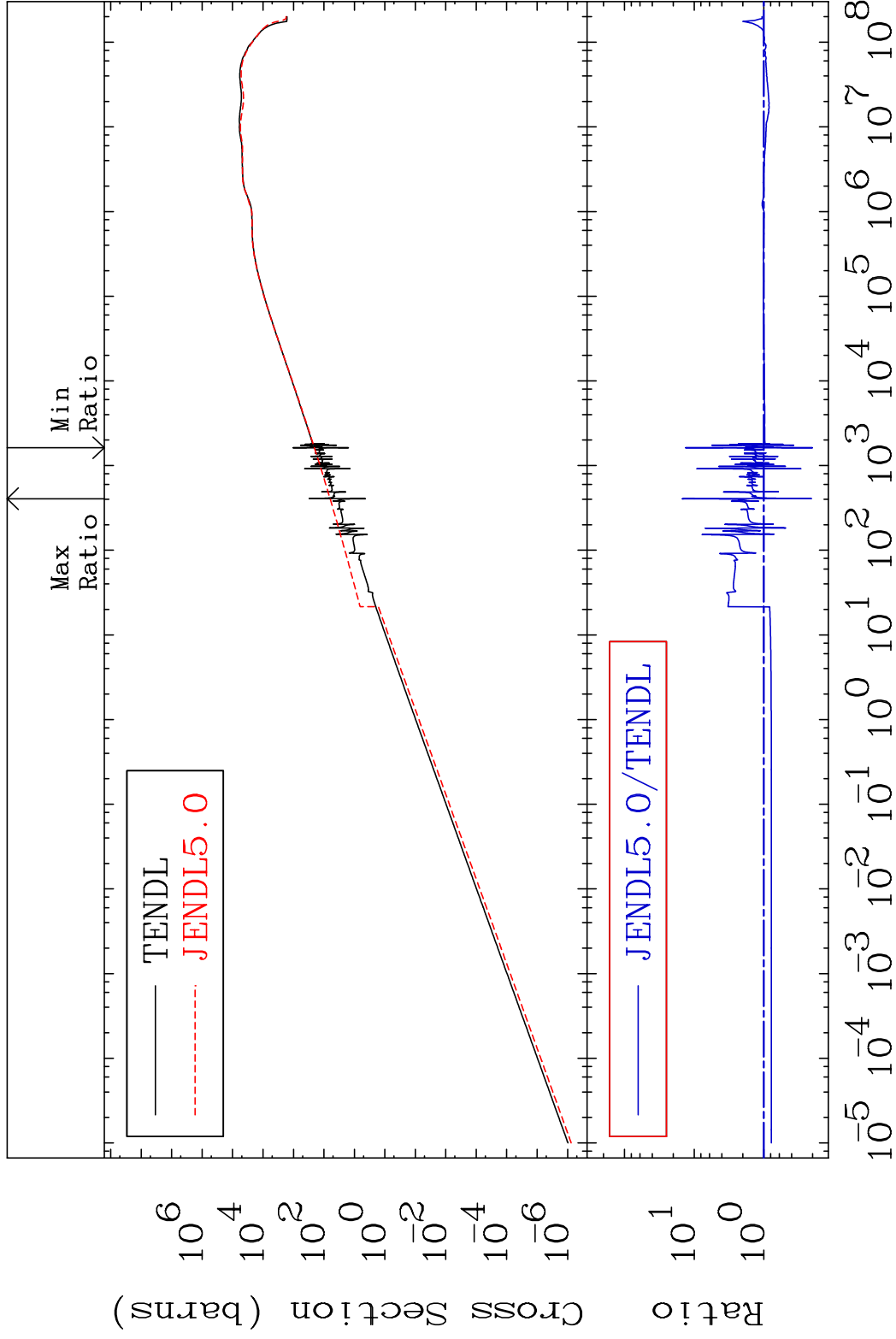
Incident Energy (eV)

88-Ra-228

MAT 8840

Kerma elastic
Cross Section

88-Ra-228
-80.01 To 1377. %

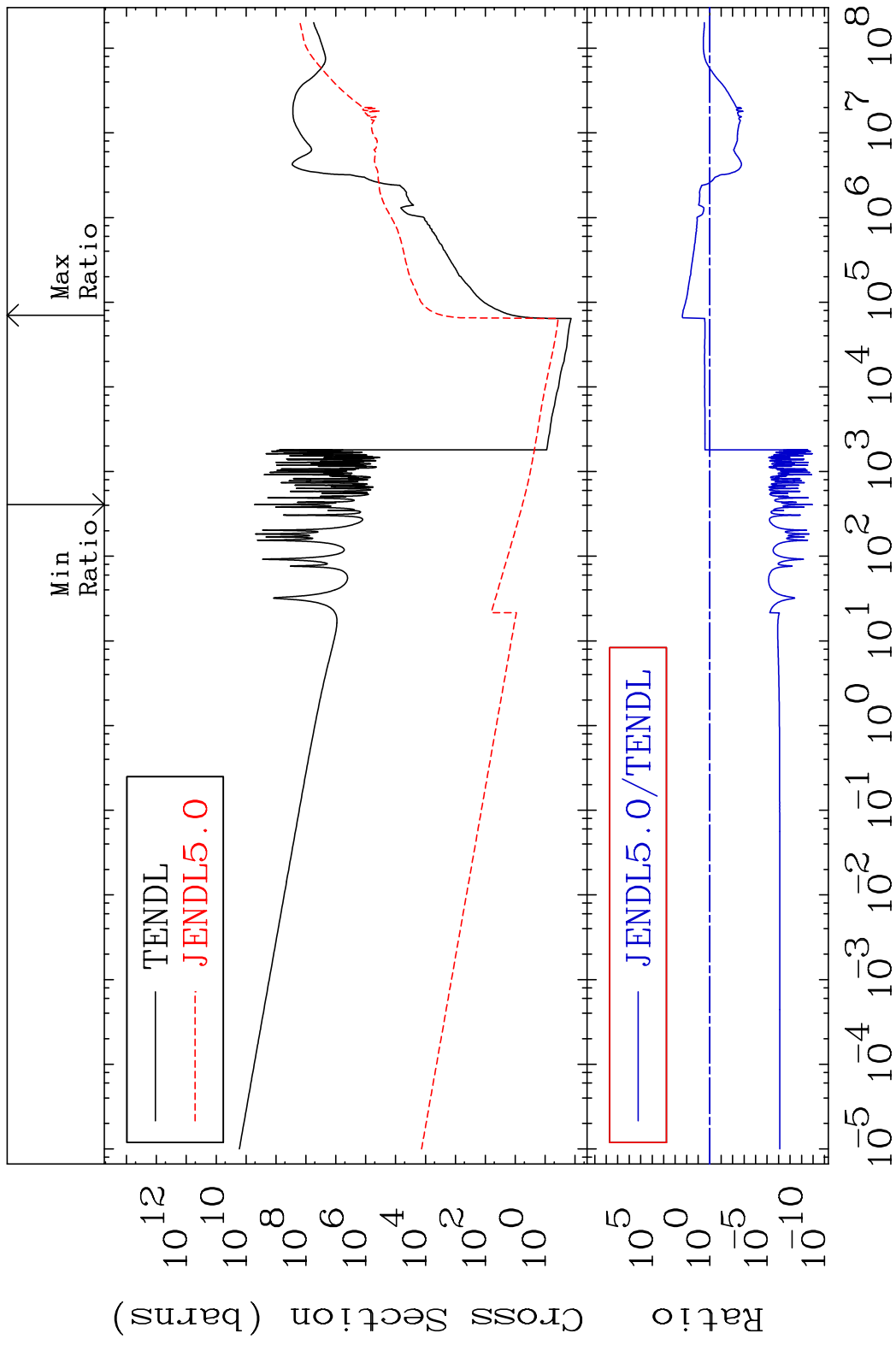


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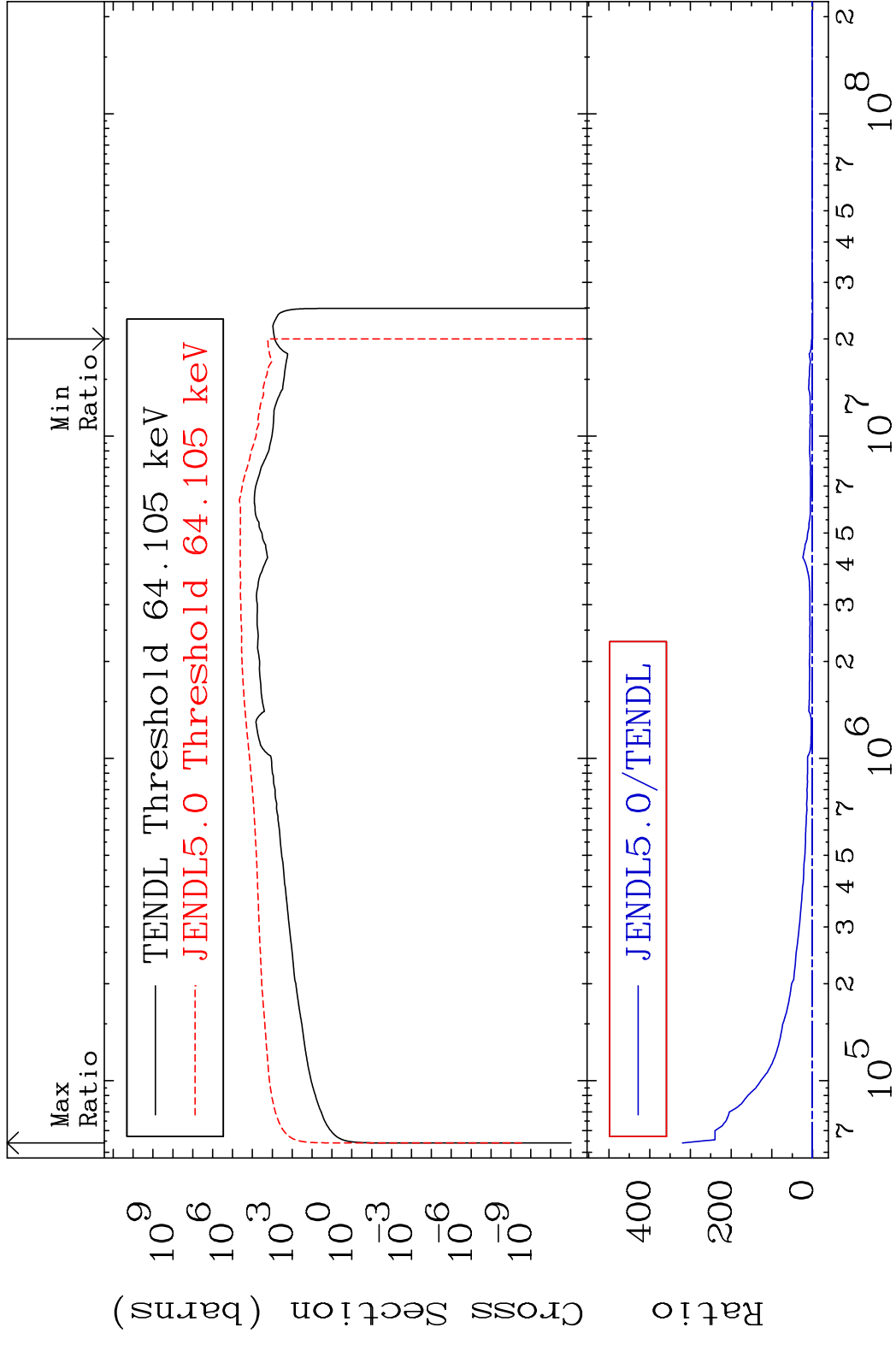
Incident Energy (eV)

88-Ra-228

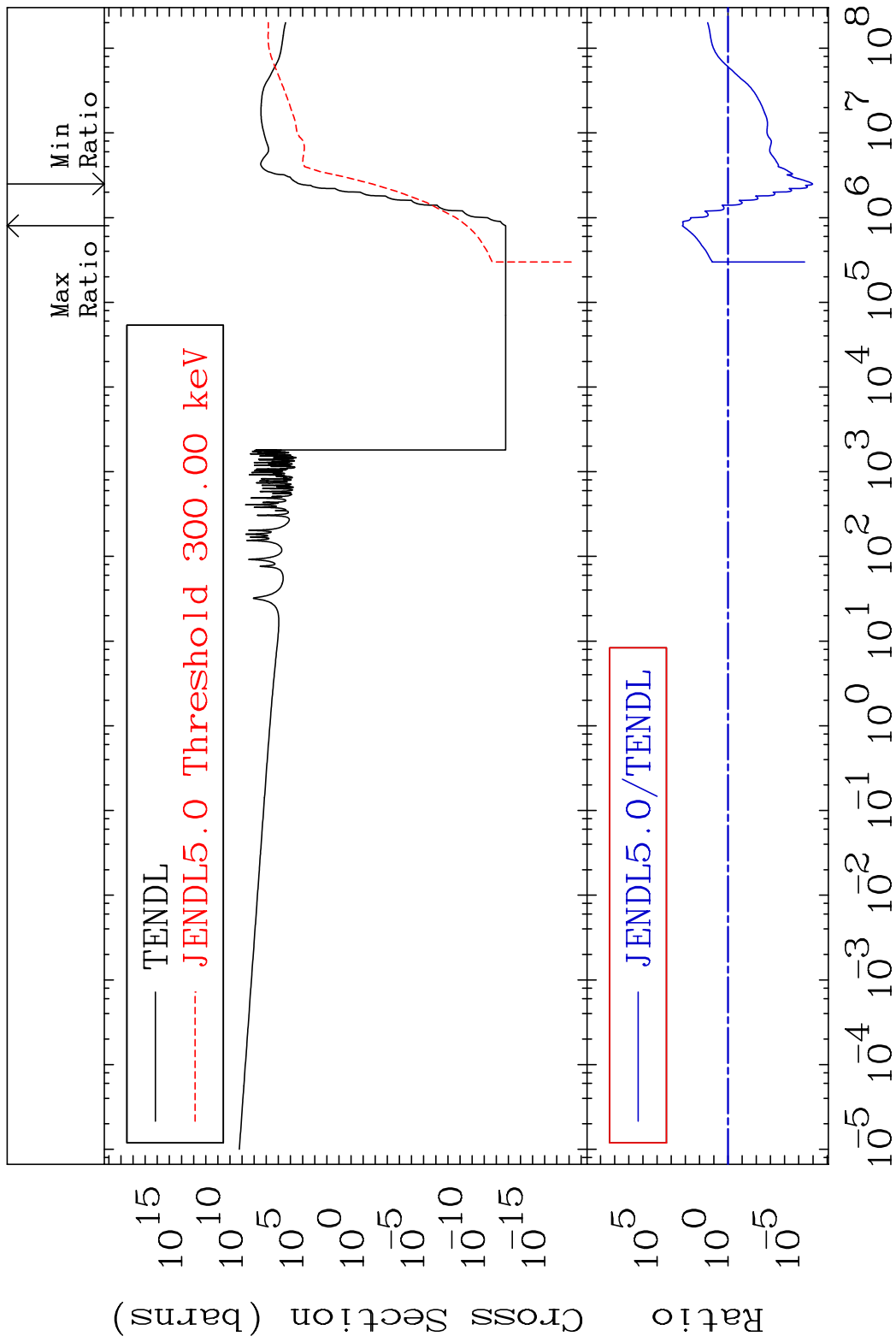
MAT 8840 Kerma non-elastic (all but mt2) 88-Ra-228
 Cross Section -100.0 To 9999. %



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. %

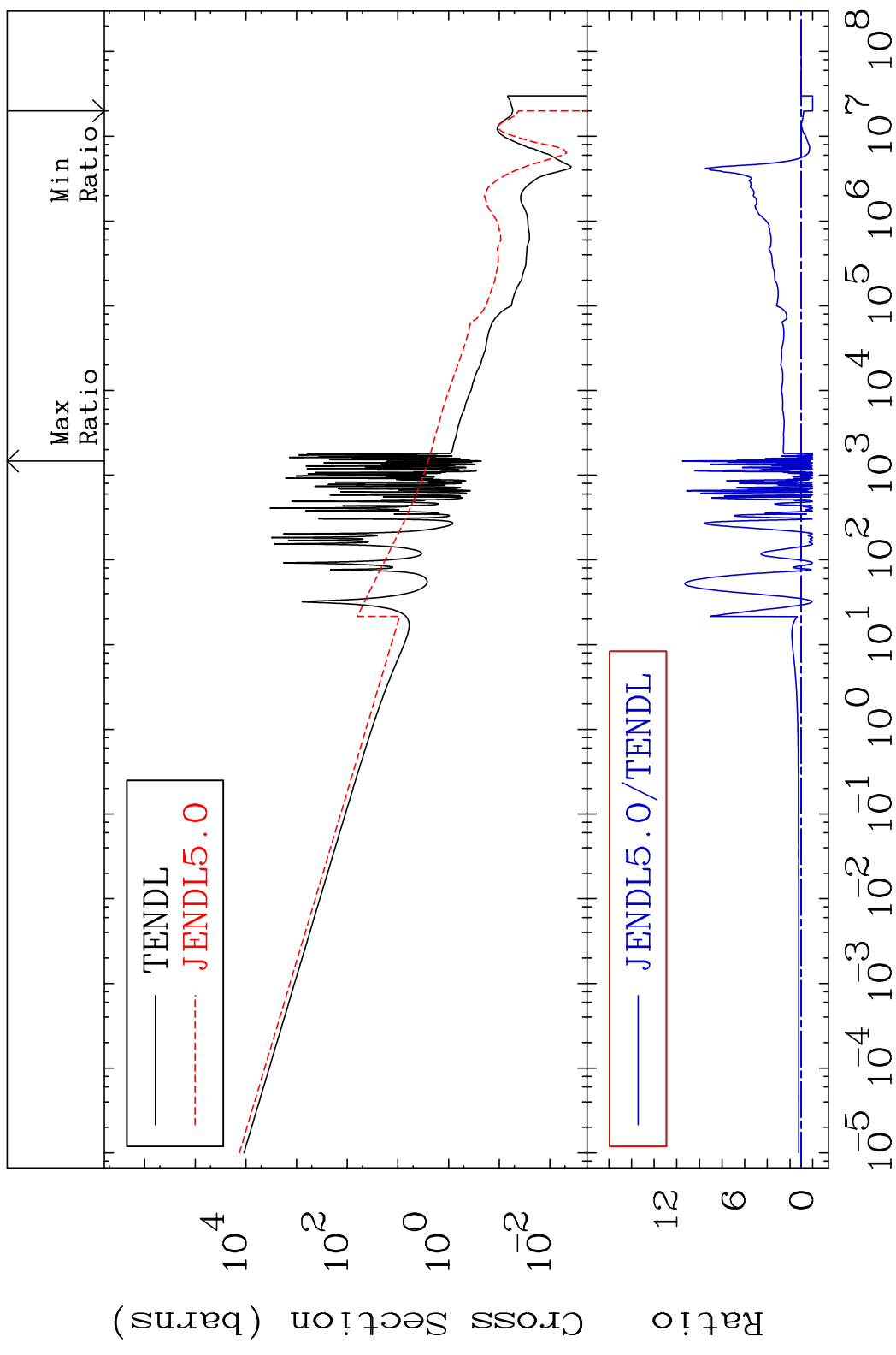


MAT 8840

Kerma capture (mt102)

88-Ra-228

Cross Section -100.0 To 1051. %

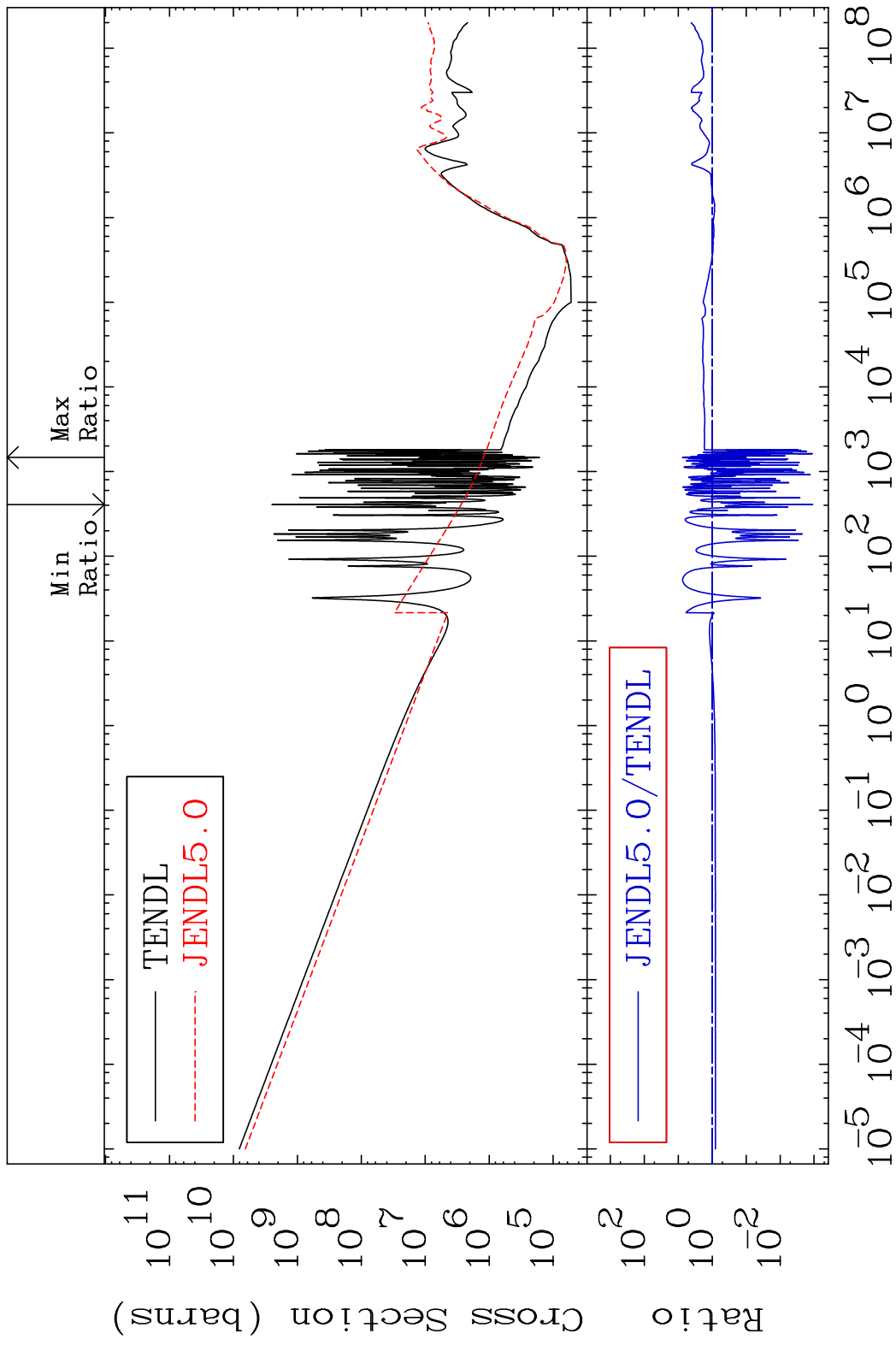


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Incident Energy (eV)

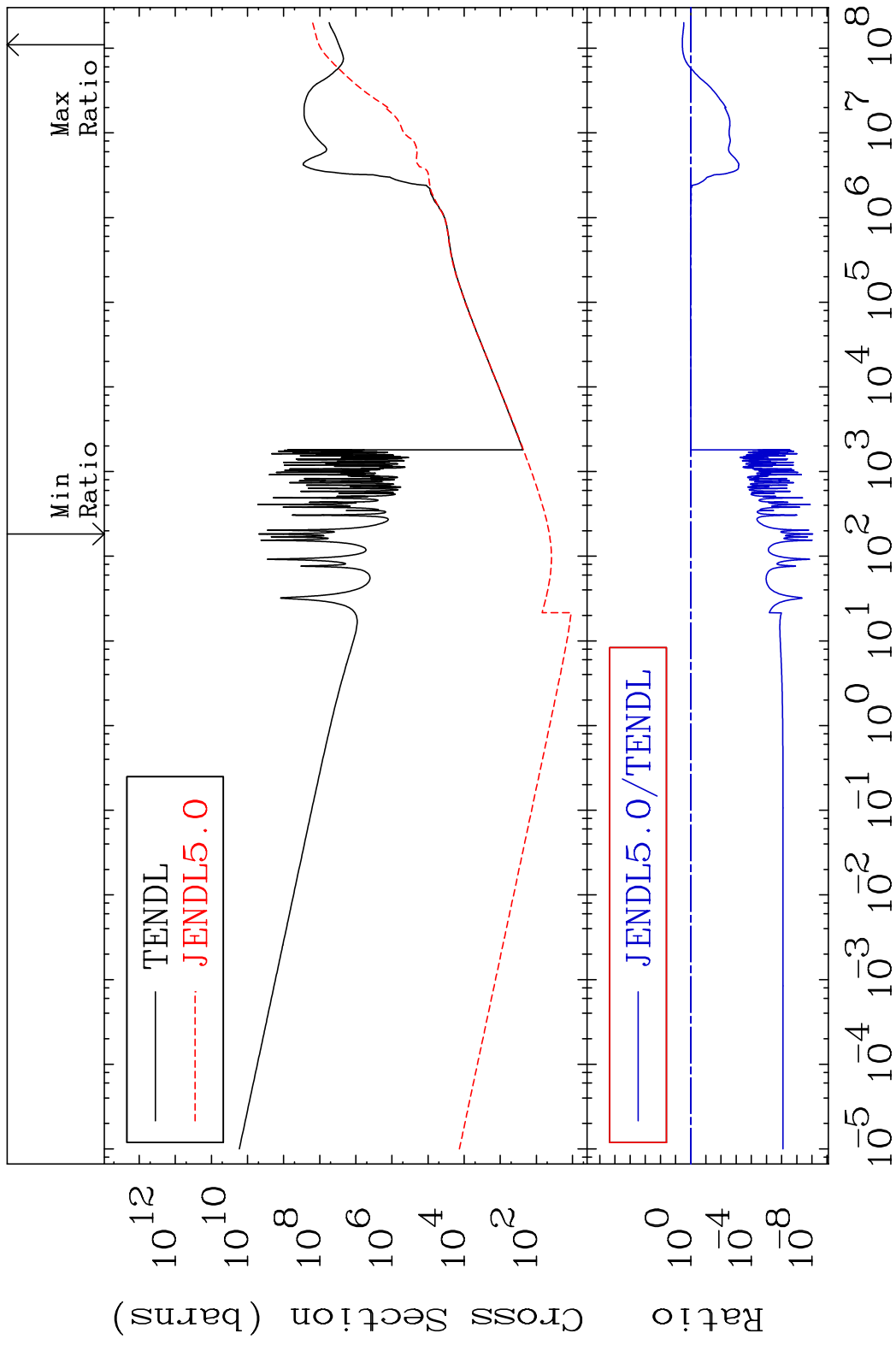
88-Ra-228

MAT 8840 Total photon (eV-barns) 88-Ra-228
 Cross Section -99.89 To 653.6 %



41 Incident Energy (eV) 88-Ra-228

MAT 8840 Total kinematic kerma (high limit) 88-Ra-228
 Cross Section -100.0 To 256.9 %

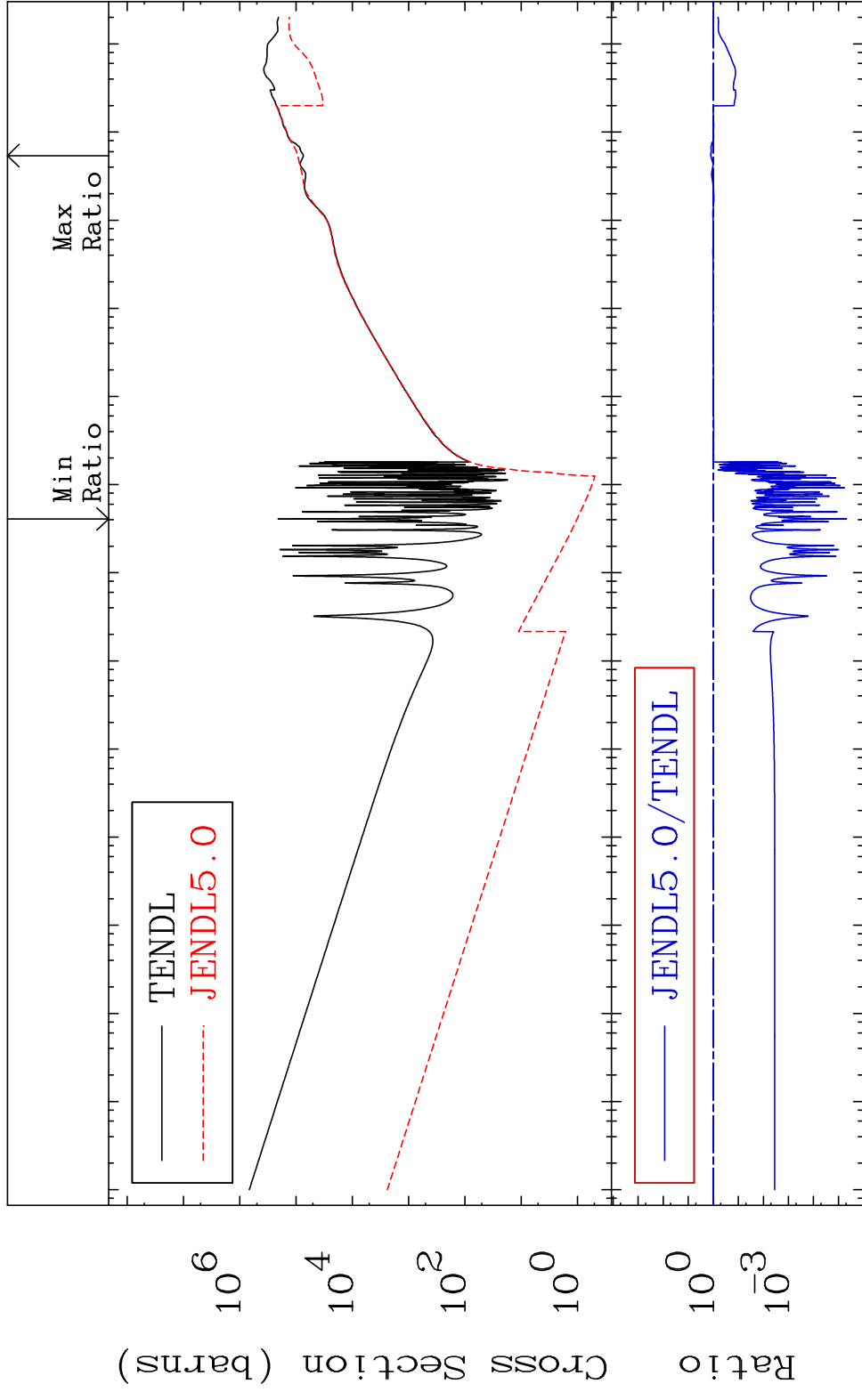


MAT 8840

Dpa total (eV-barns)

88-Ra-228

Cross Section -100.0 To 26.43 %



43

Incident Energy (eV)

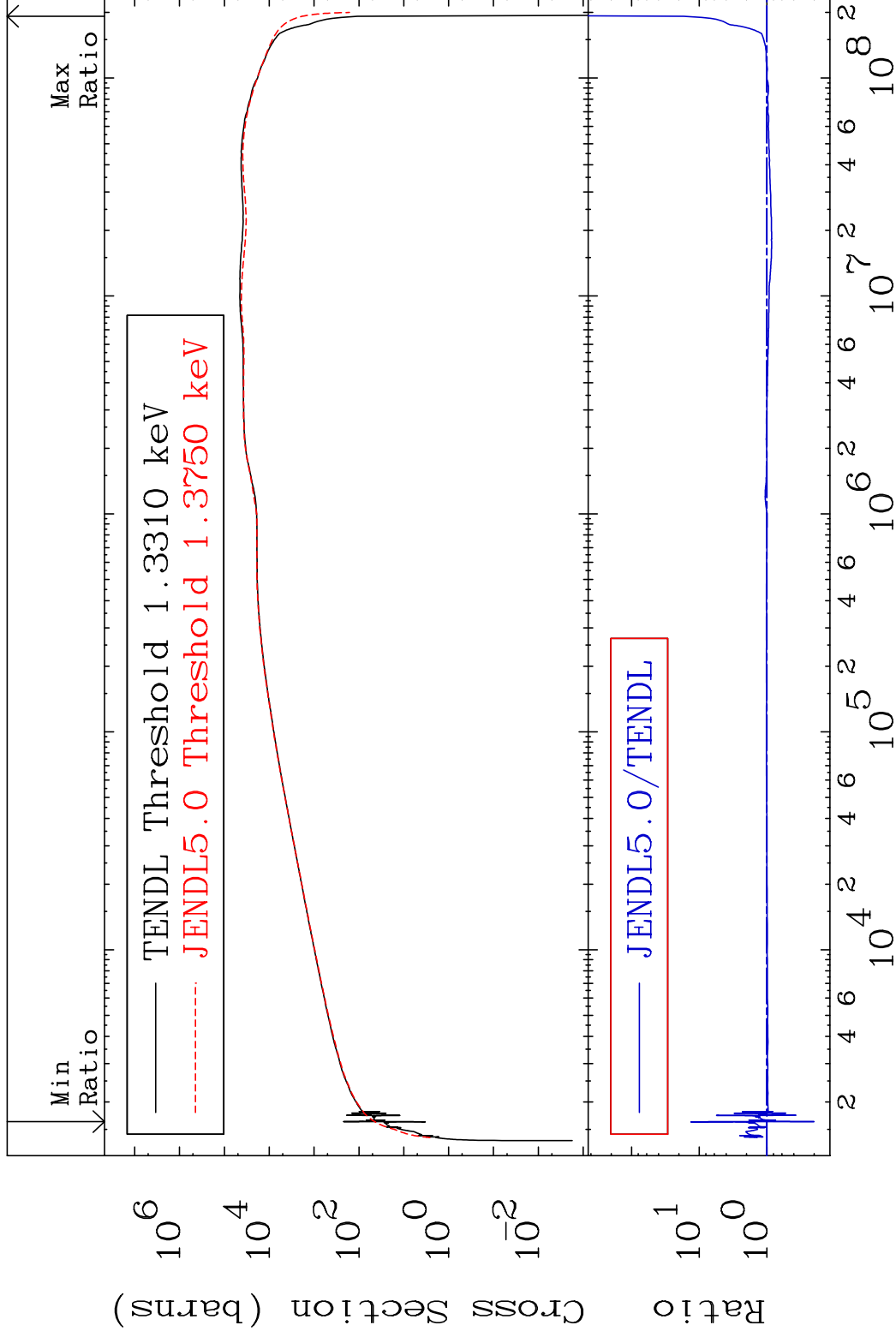
88-Ra-228

MAT 8840

Dpa elastic (mt2)

88-Ra-228

Cross Section -80.01 To 1602. %

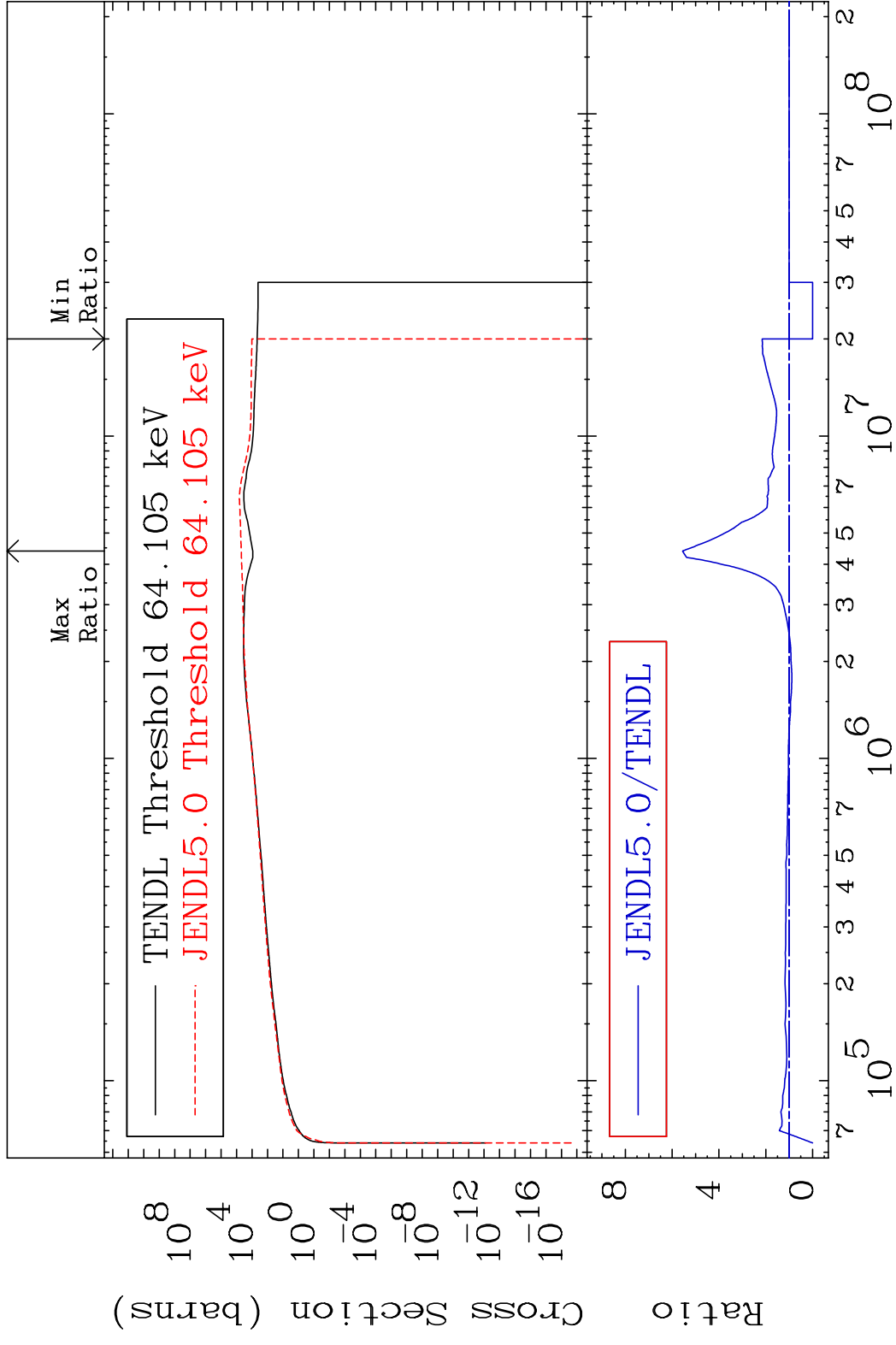


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Incident Energy (eV)

88-Ra-228

MAT 8840 Dpa inelastic (mt51-91) 88-Ra-228
 Cross Section -100.0 To 456.5 %



45 Incident Energy (eV) 88-Ra-228

MAT 8840 Dpa disappearance (mt102 -120) 88-Ra-228
 Cross Section -100.0 To 2541. %

