

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

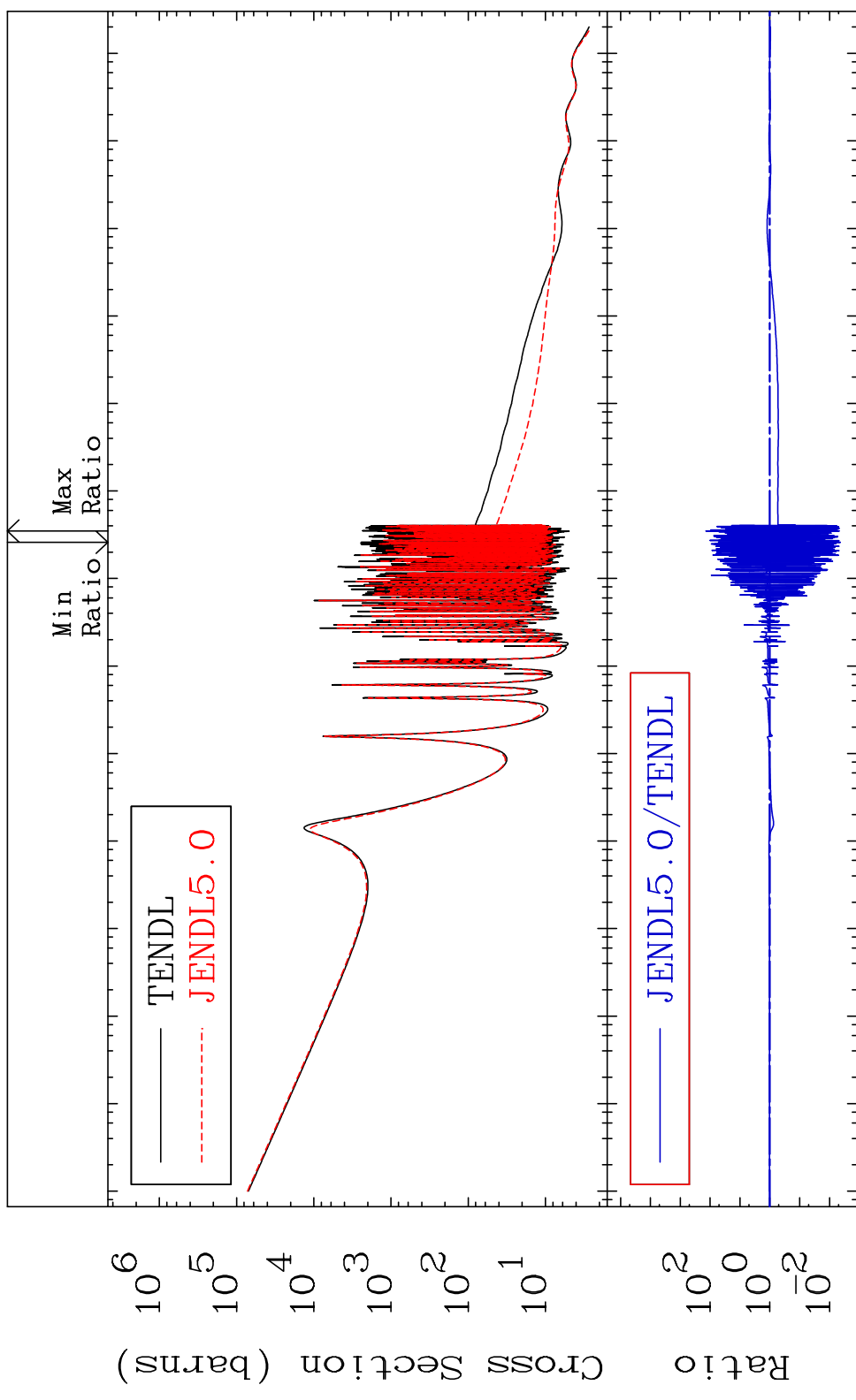
MAT 7128

Total

71-Lu-176

Cross Section

-99.57 To 9999. %



1

Incident Energy (eV)

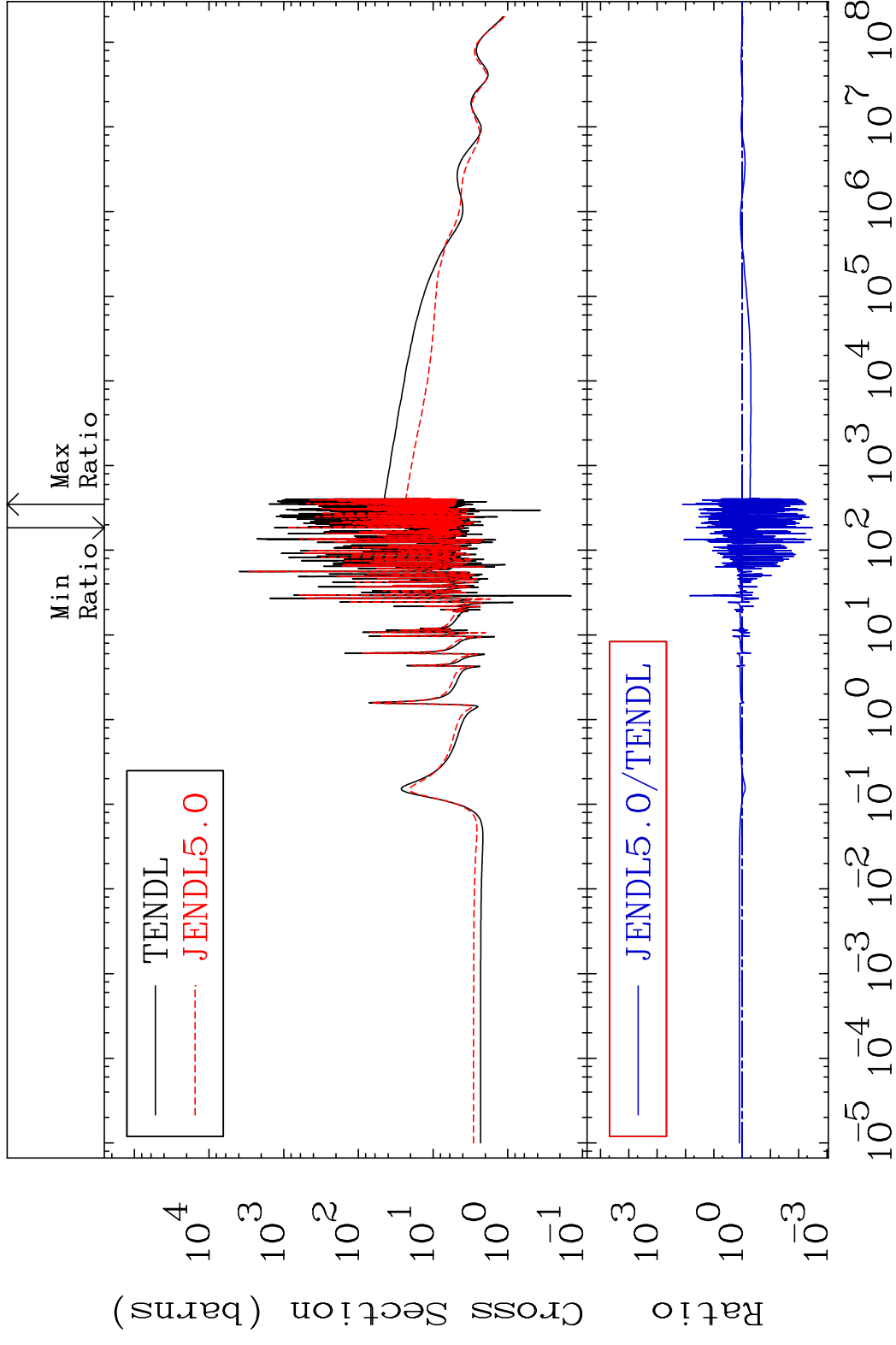
71-Lu-176

MAT 7128

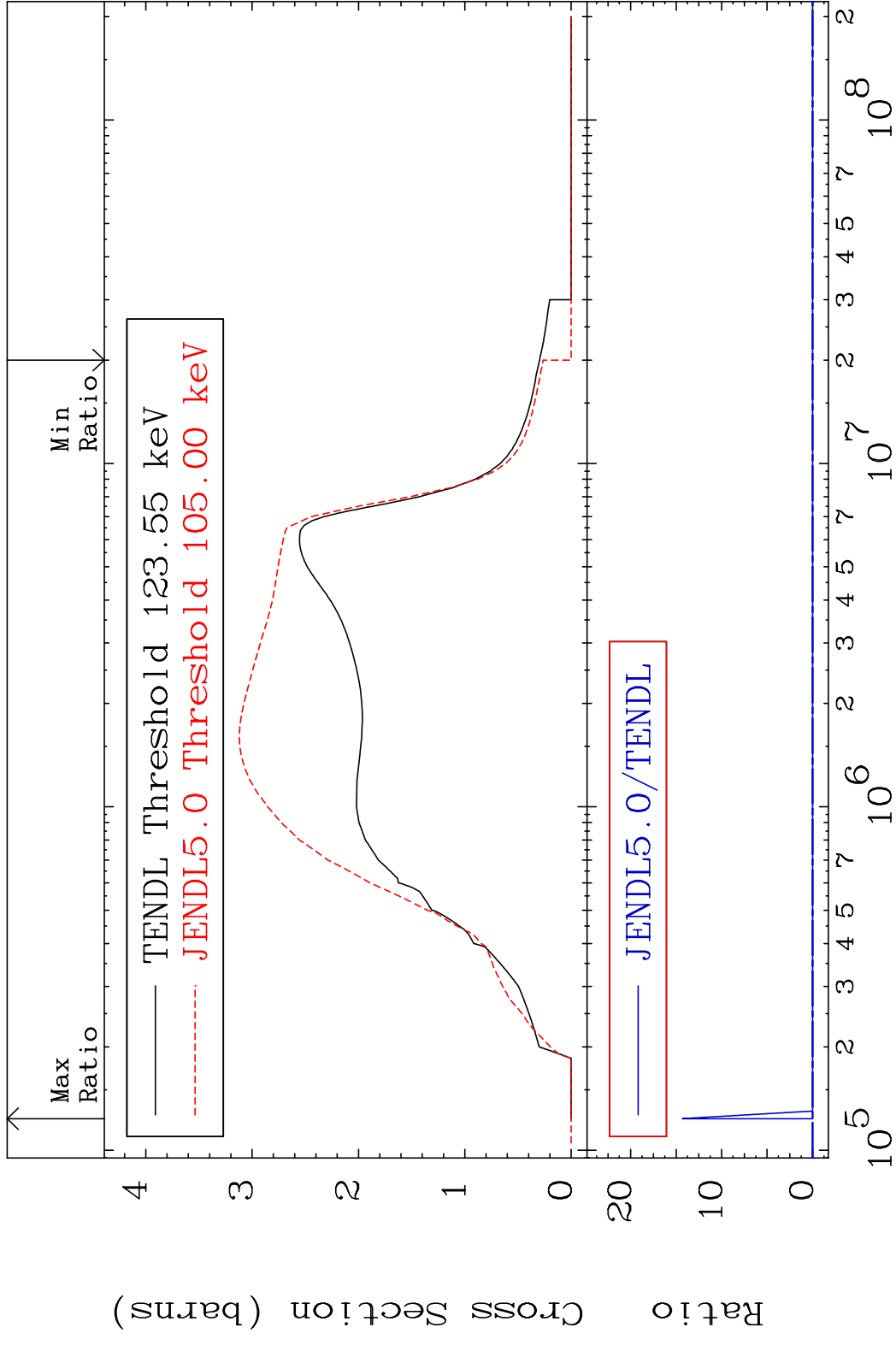
Elastic

71-Lu-176

Cross Section -99.68 To 9999. %



MAT 7128 Inelastic 71-Lu-176
 Cross Section -100.0 To 9999. %



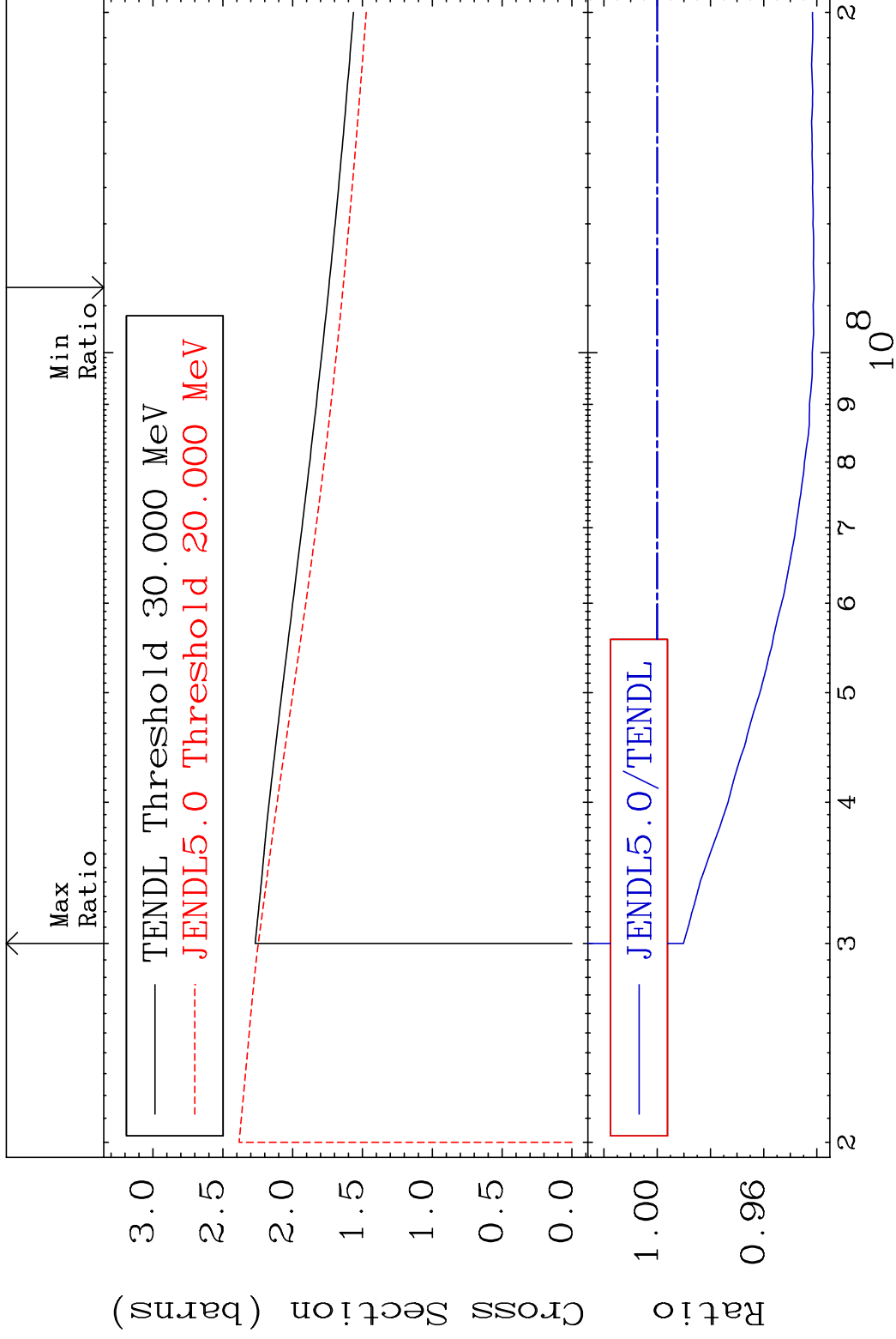
3 Incident Energy (eV) 71-Lu-176

MAT 7128

(n, remainder)

71-Lu-176

Cross Section -5.892 To -0.985%



4

Incident Energy (eV)

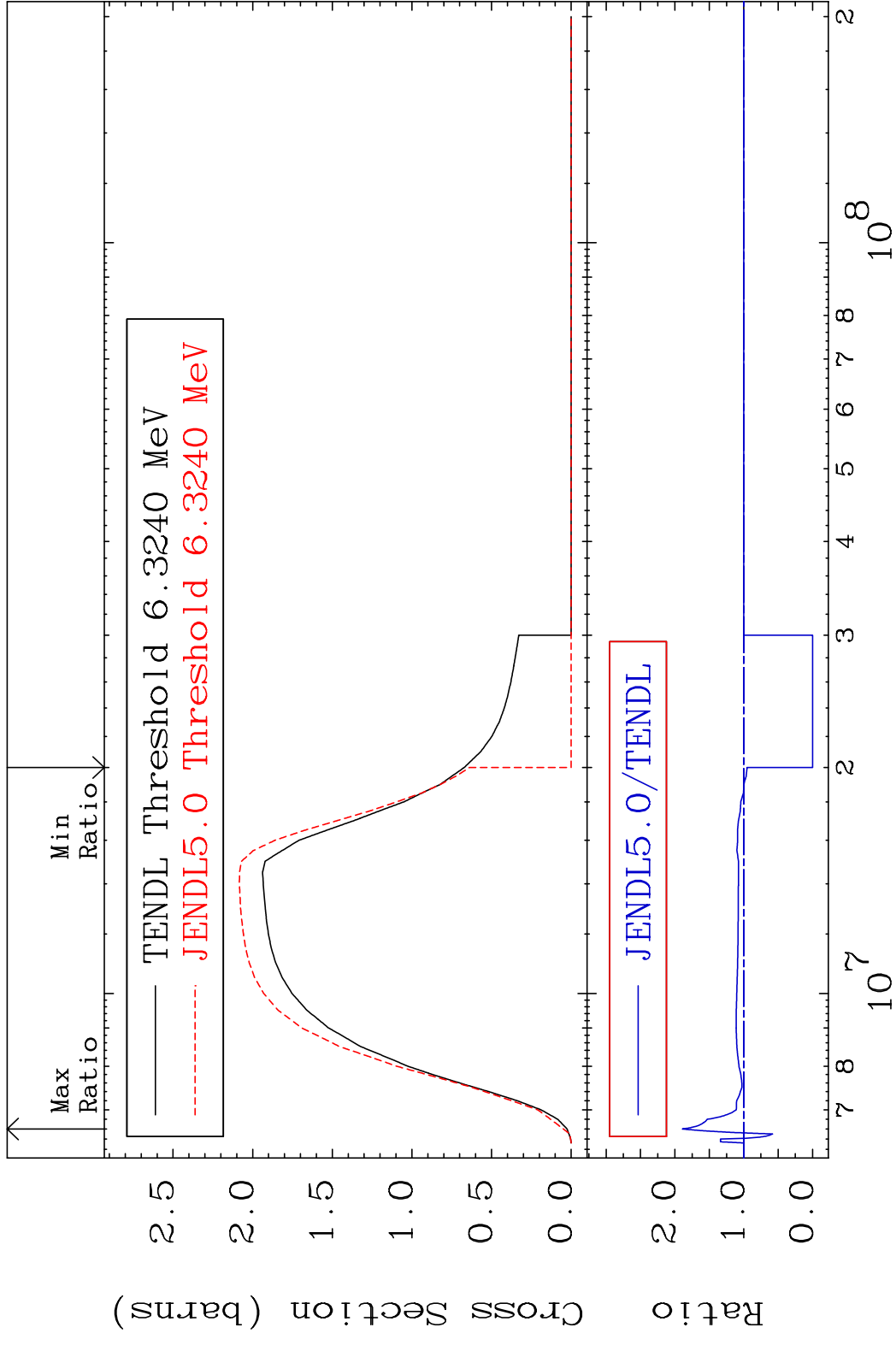
71-Lu-176

MAT 7128

(n,2n)

71-Lu-176

Cross Section -100.0 To 89.22 %



5

Incident Energy (eV)

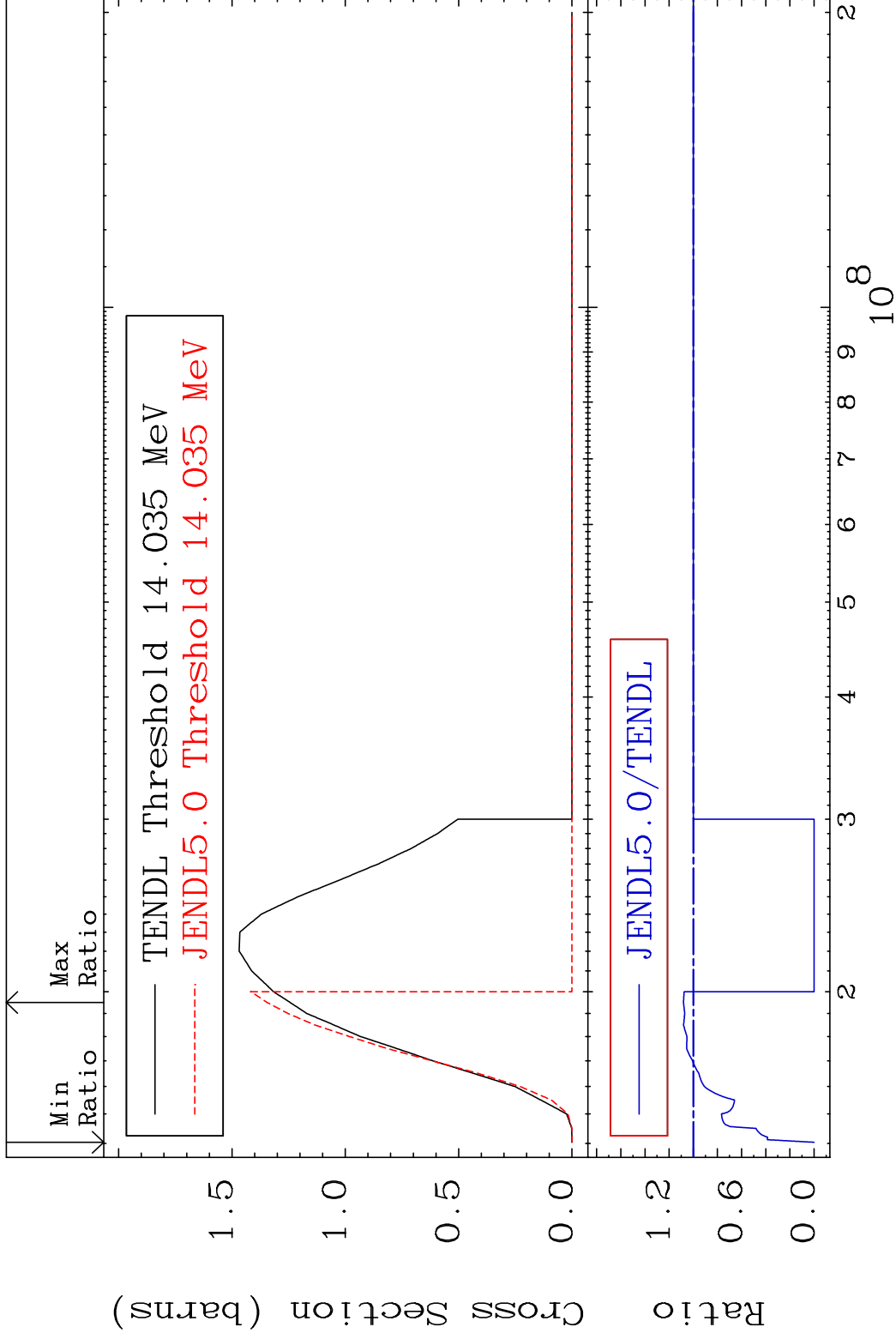
71-Lu-176

MAT 7128

(n,3n)

71-Lu-176

Cross Section -100.0 To 8.133 %

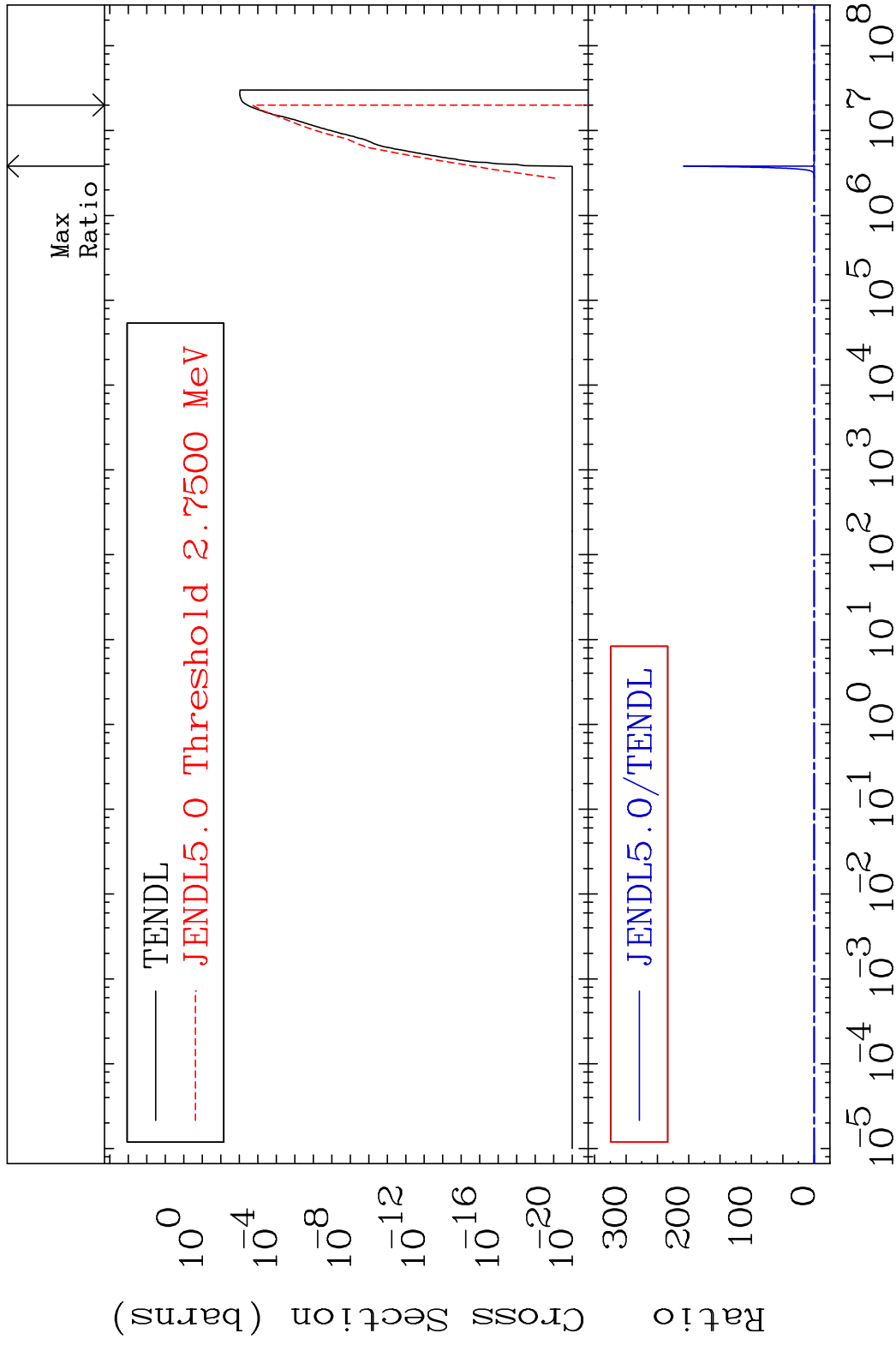


MAT 7128

(n, n') α

71-Lu-176

Cross Section -100.0 To 9999. %

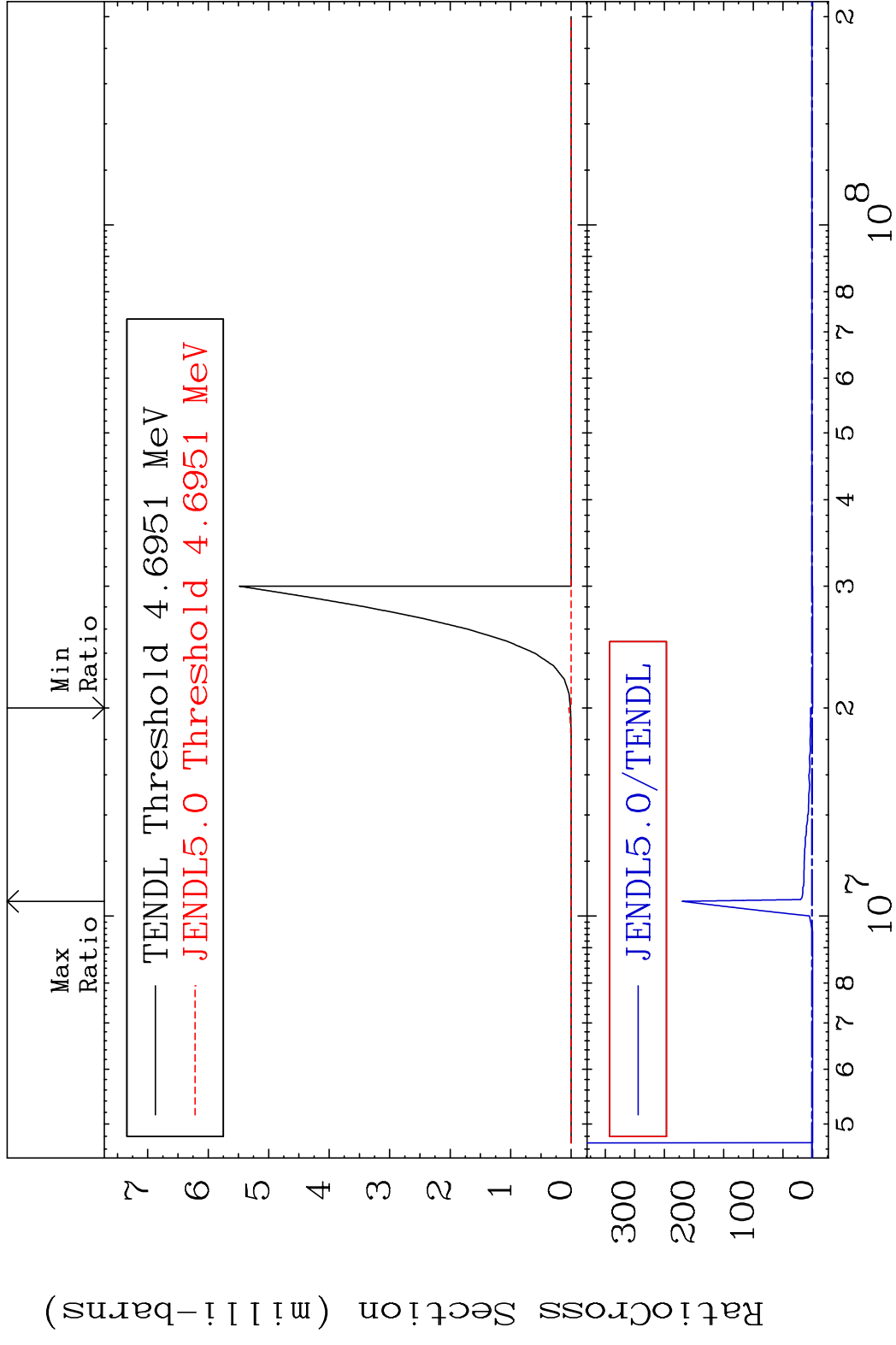


7

Incident Energy (eV)

71-Lu-176

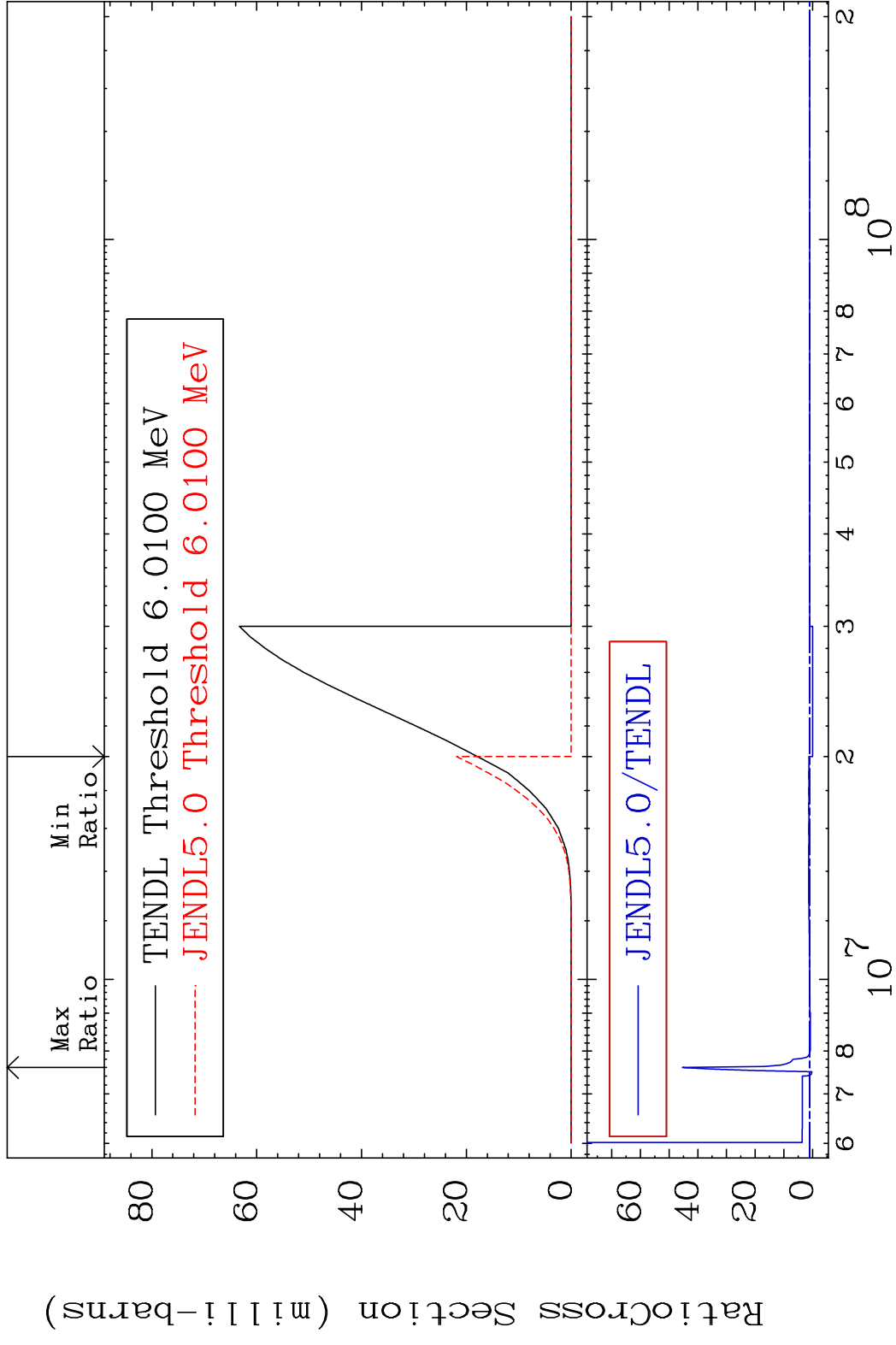
MAT 7128 (n,2n) α 71-Lu-176
 Cross Section -100.0 To 9999. %



MAT 7128

(n, n') p 71-Lu-176

Cross Section -100.0 To 4438. %

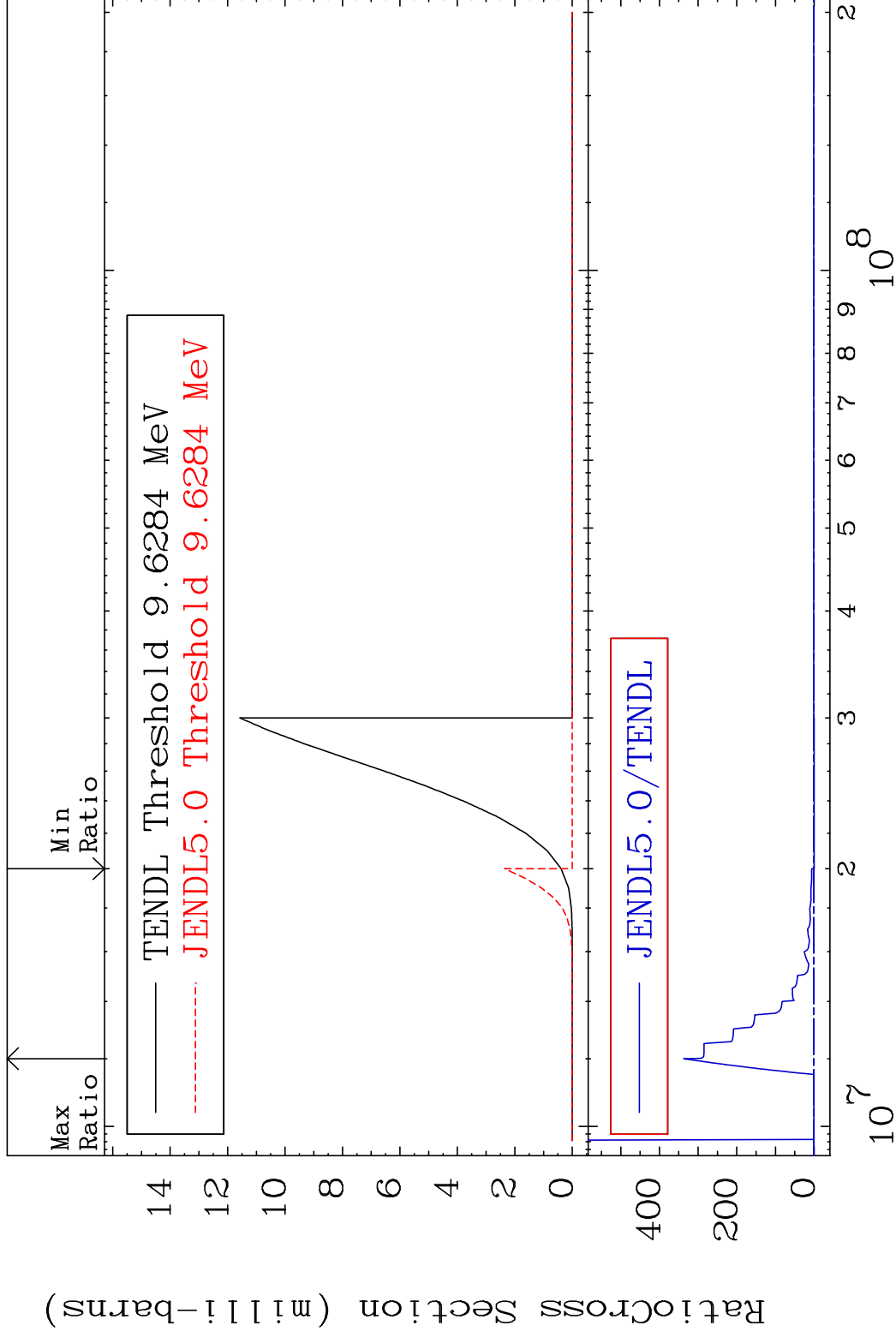


MAT 7128

(n, n') d

71-Lu-176

Cross Section -100.0 To 9999. %



71-Lu-176

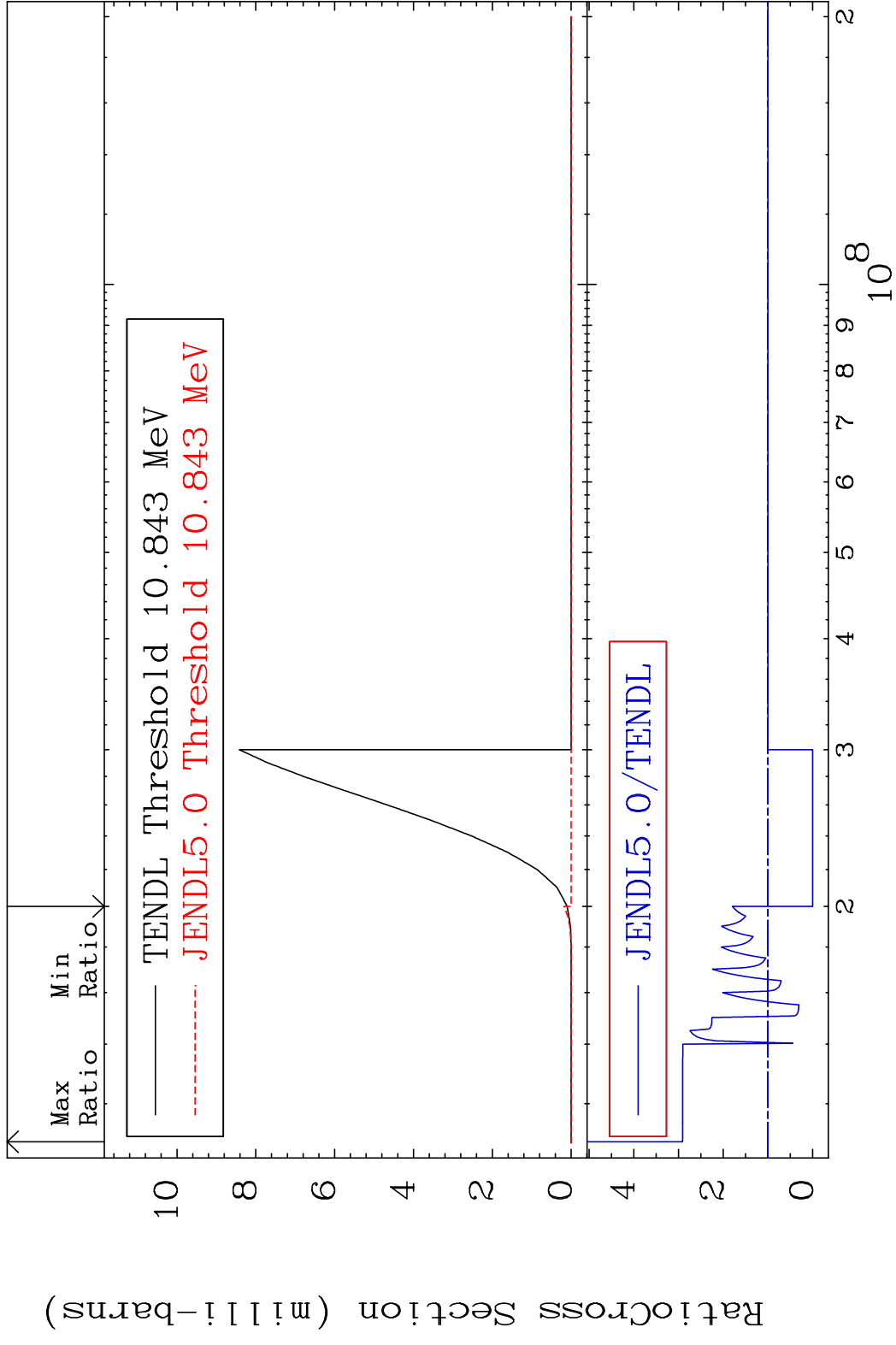
Incident Energy (eV)

MAT 7128

(n, n') t

71-Lu-176

Cross Section -100.0 To 191.2 %

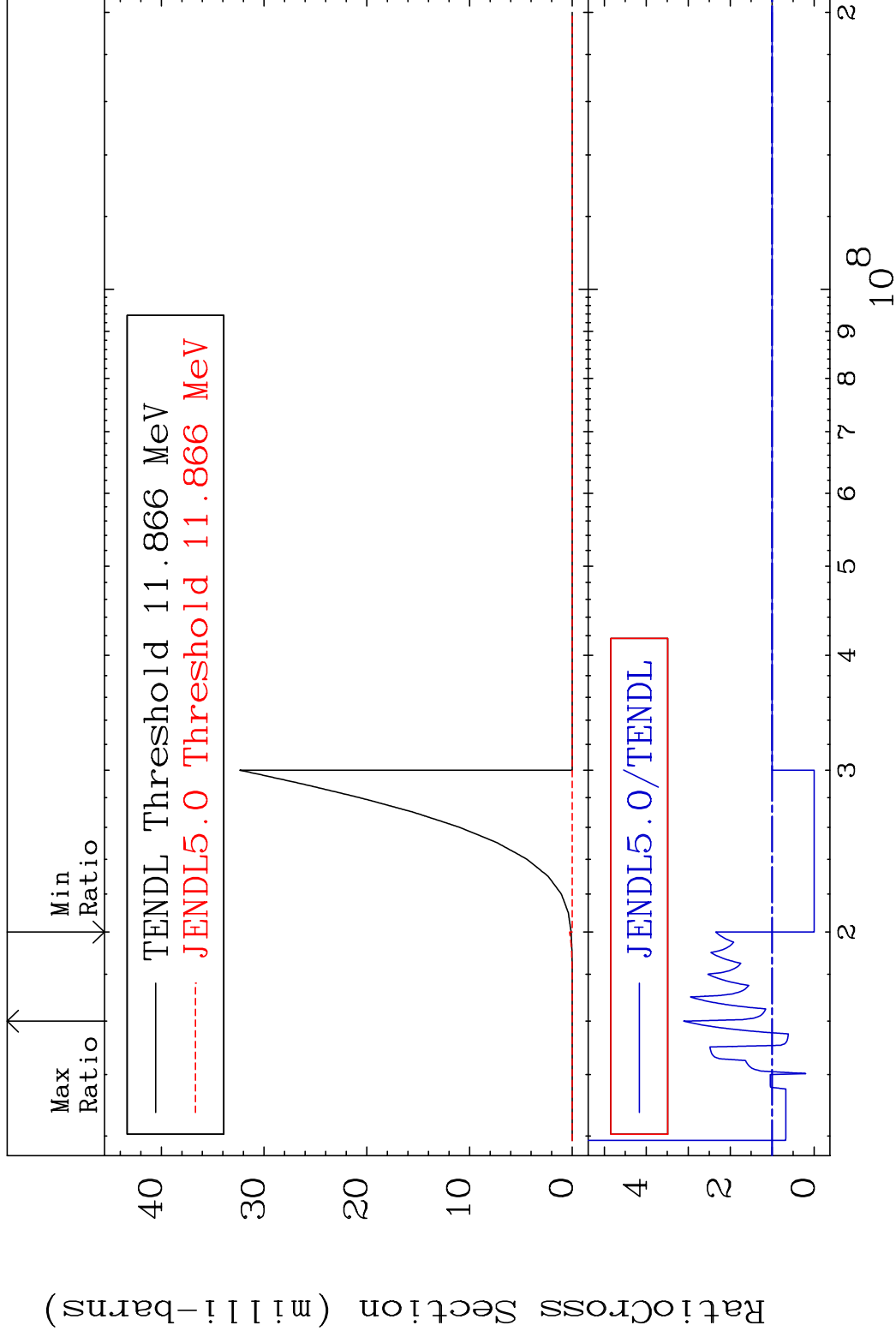


MAT 7128

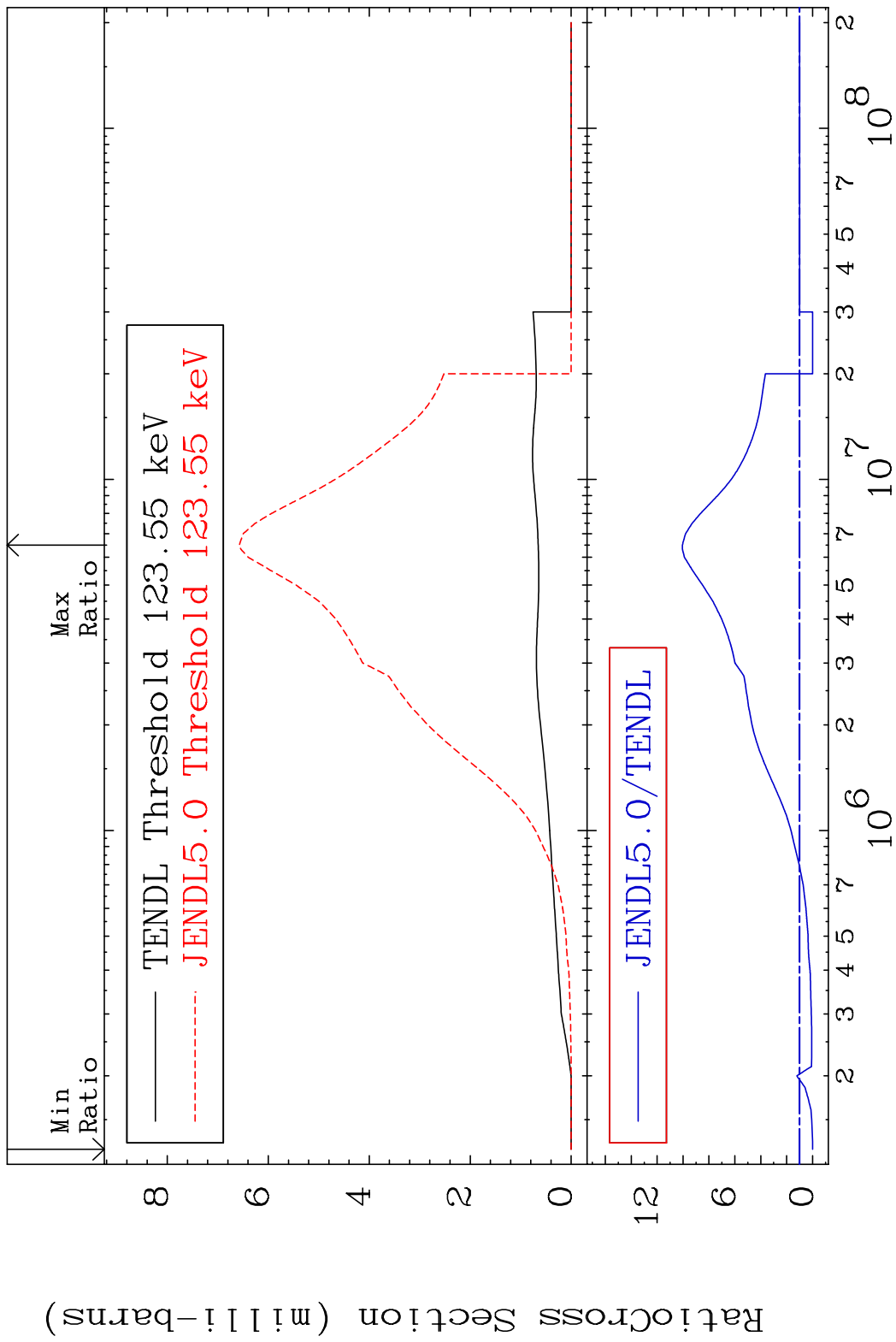
(n,2n) p

71-Lu-176

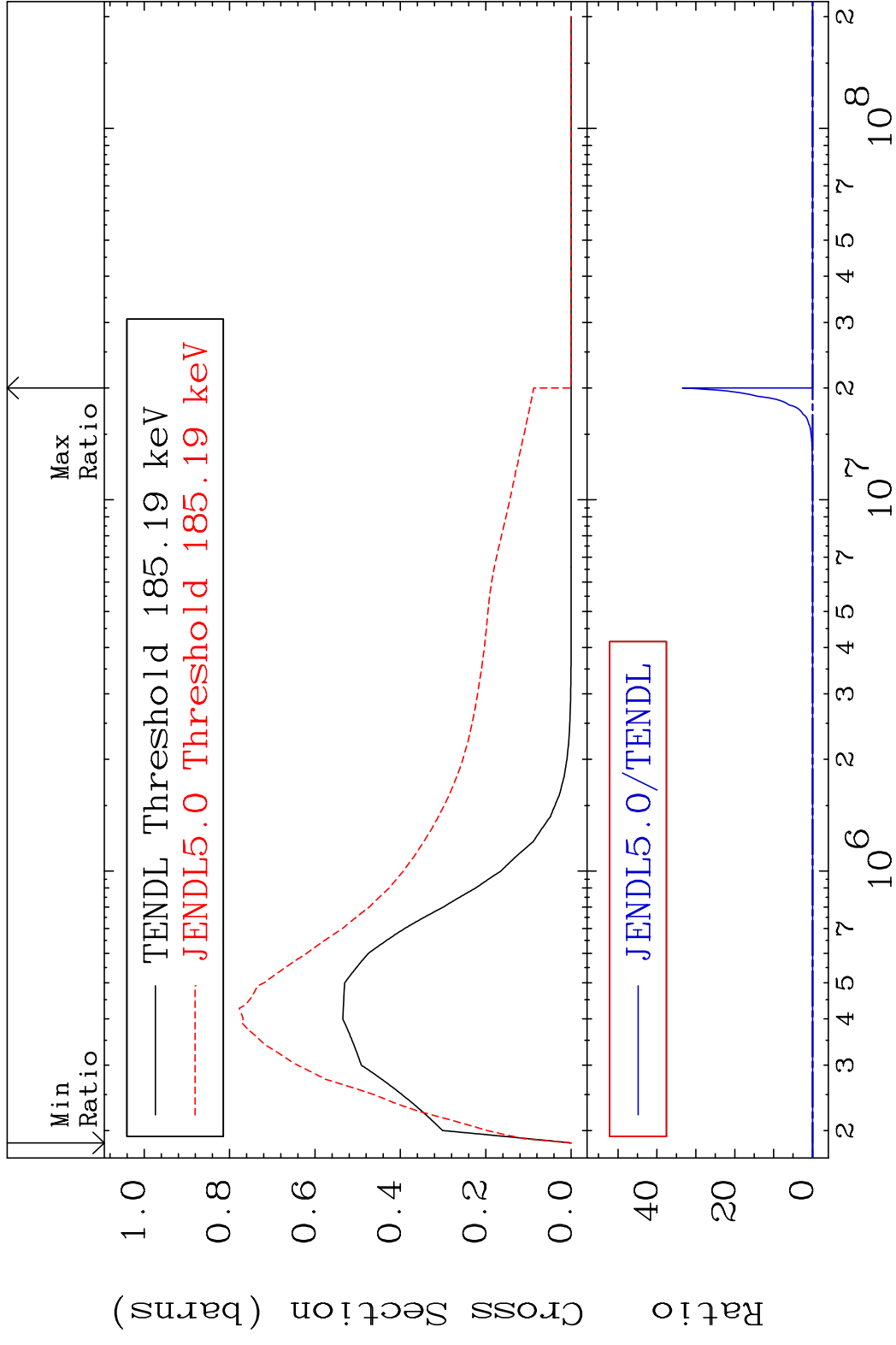
Cross Section -100.0 To 210.9 %



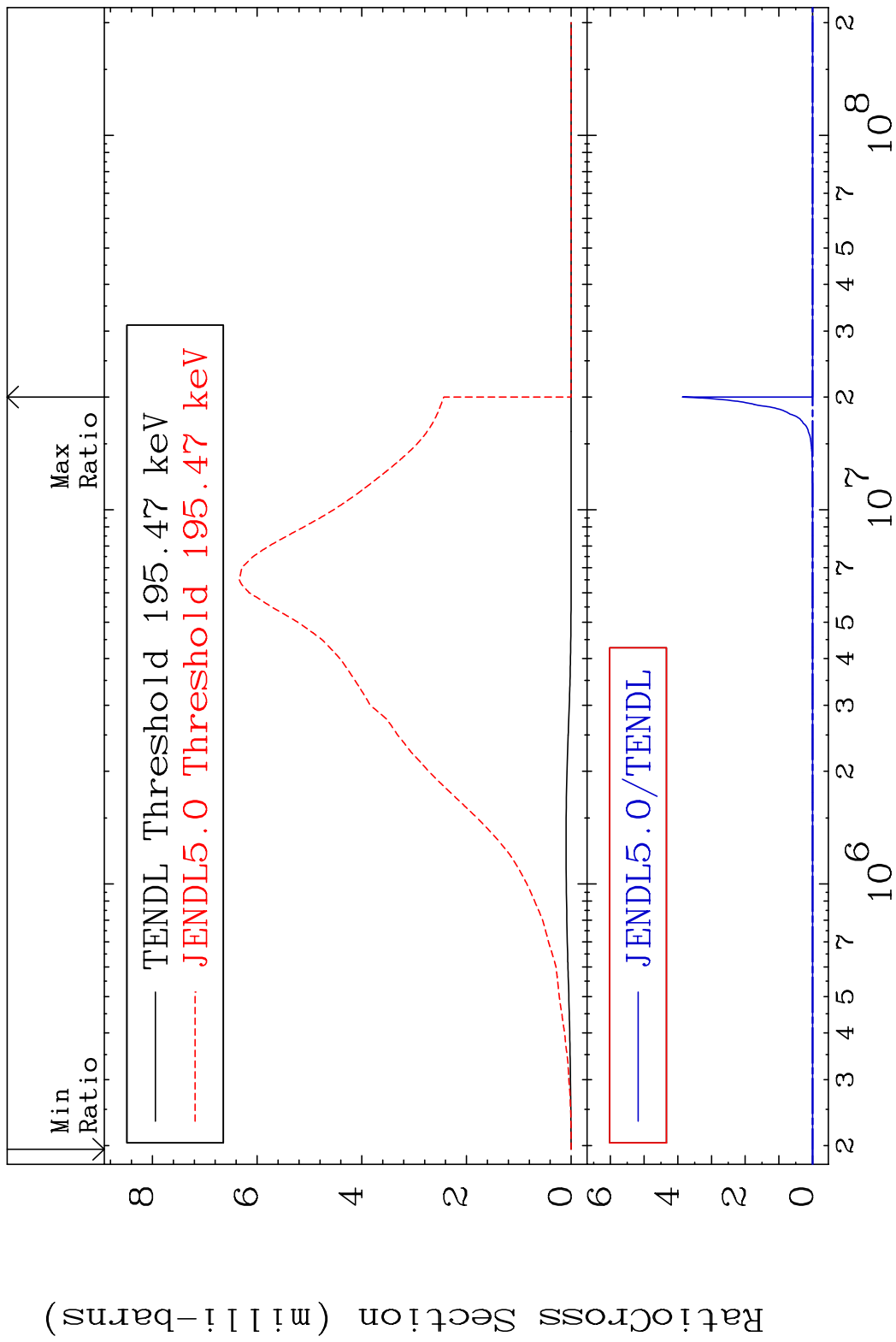
MAT 7128 MT= 51 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 905.4 %



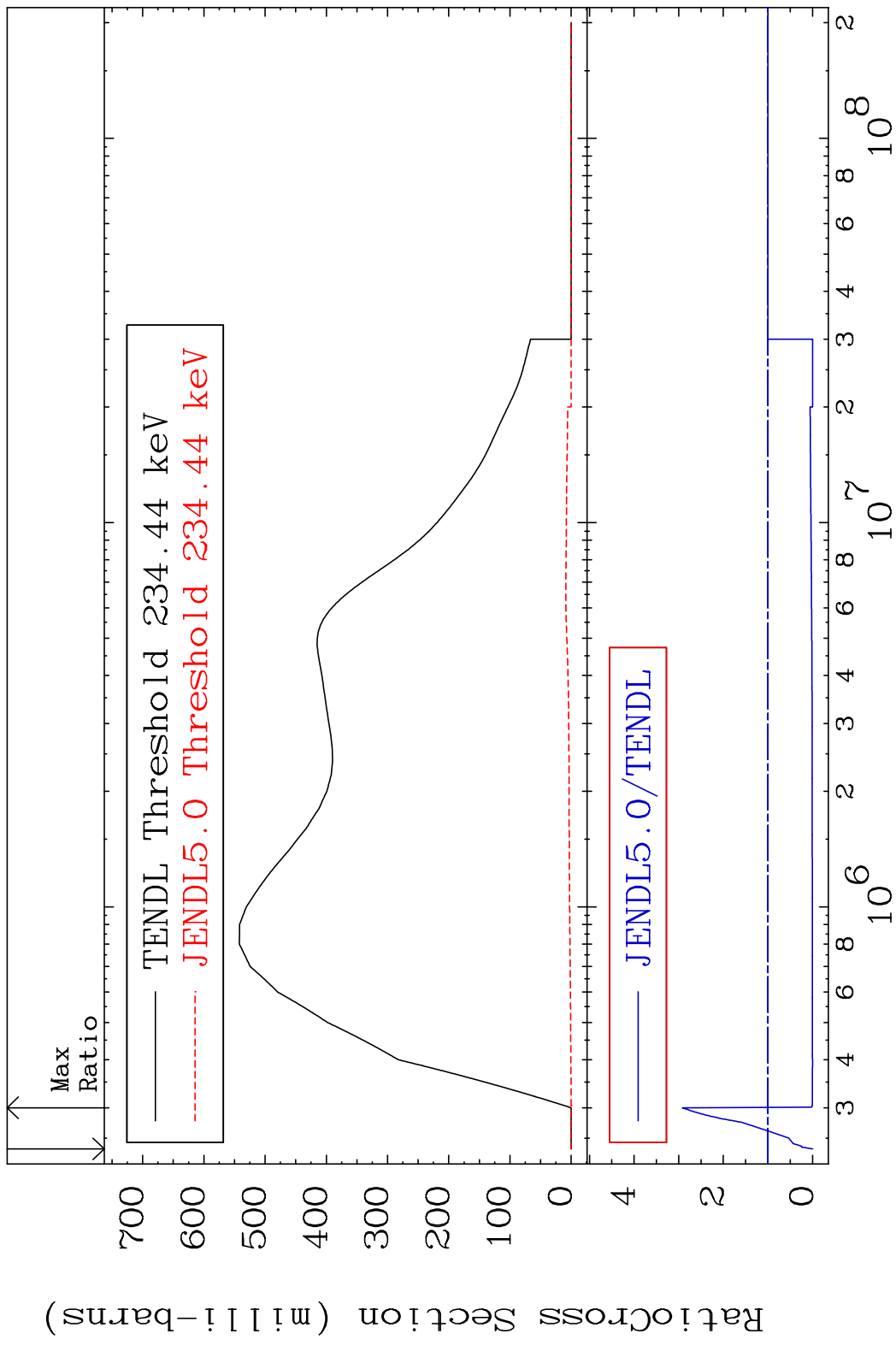
MAT 7128 MT= 52 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



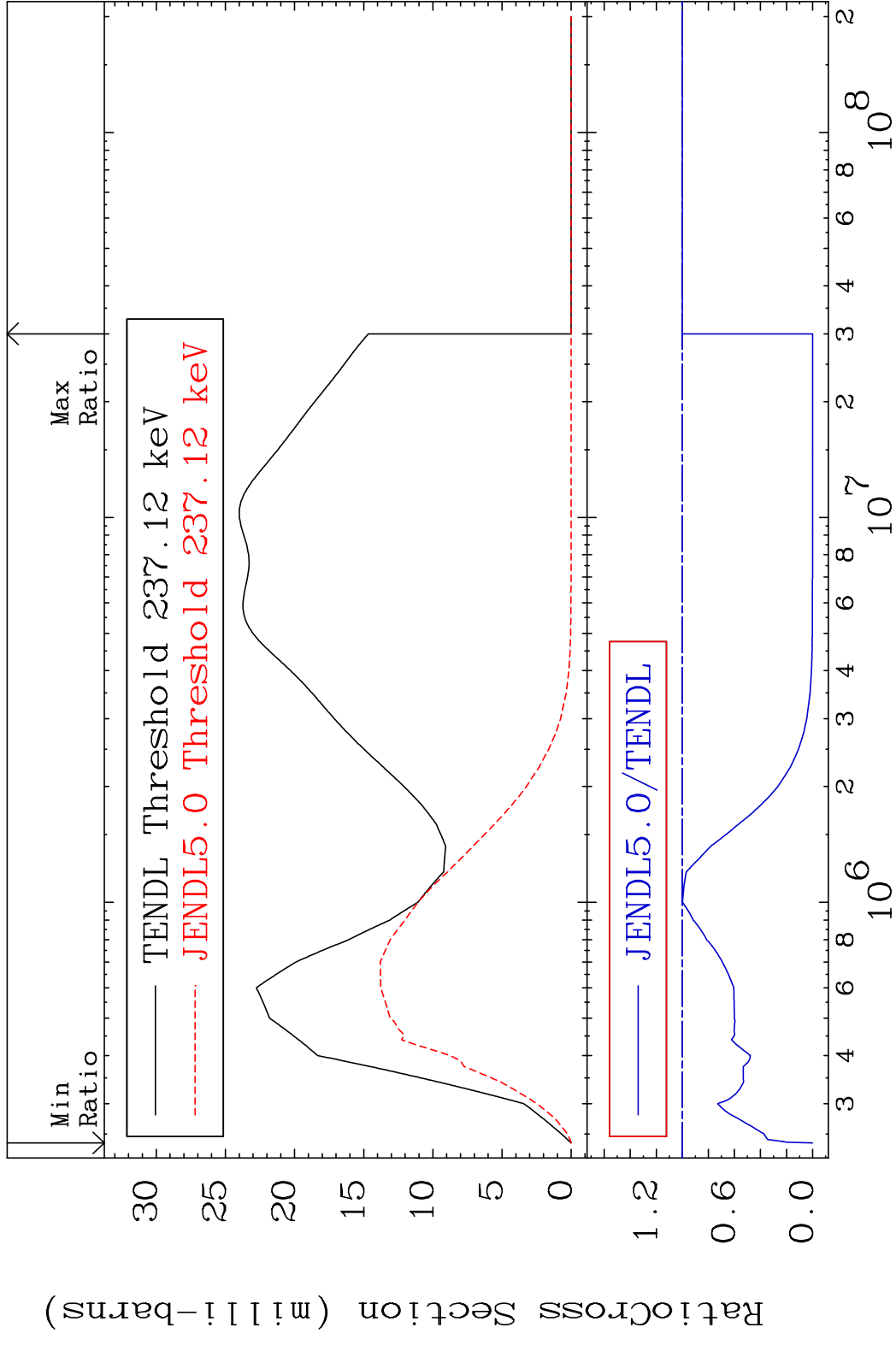
MAT 7128 MT= 53 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



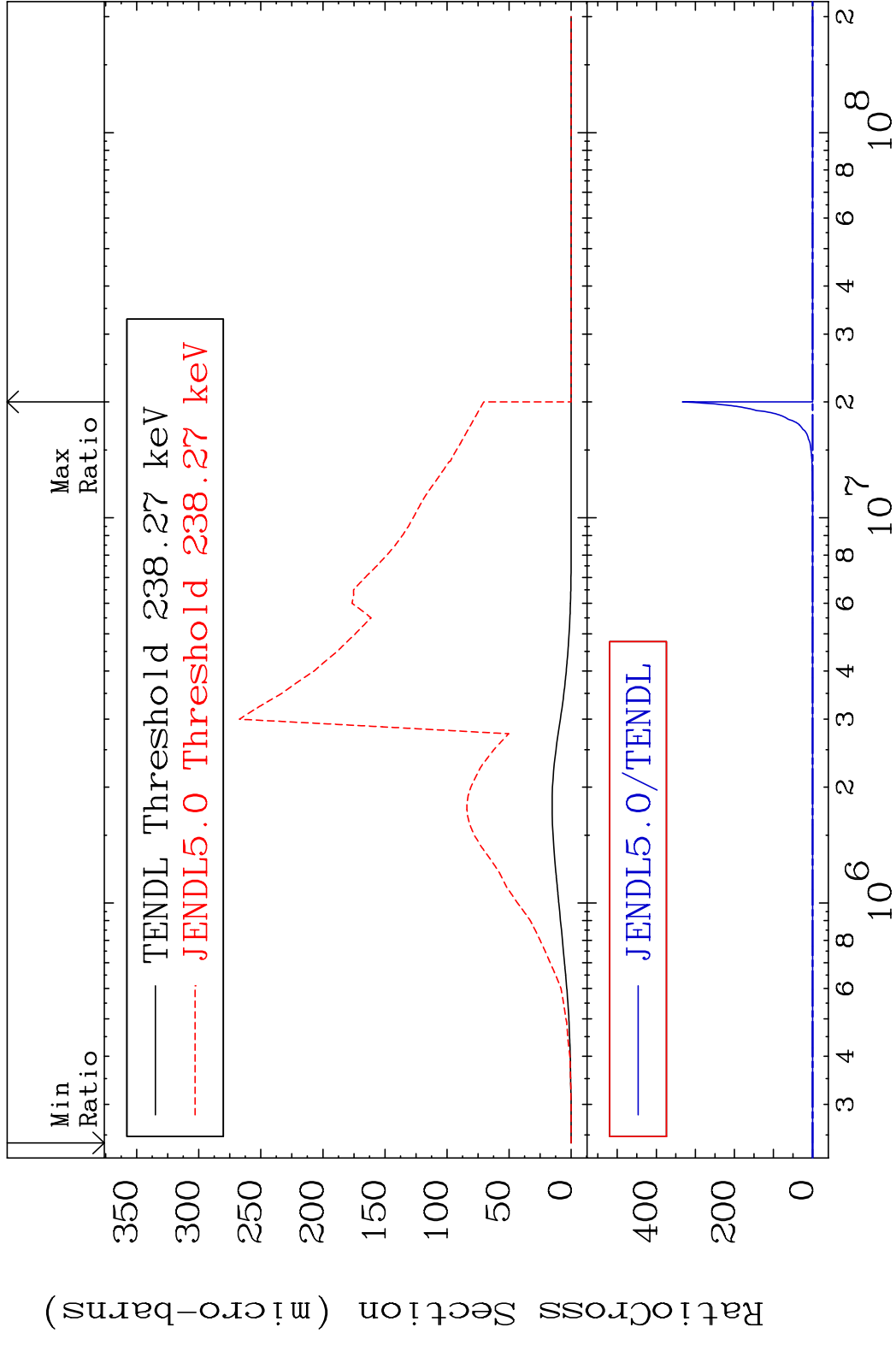
MAT 7128 MT= 54 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 191.8 %



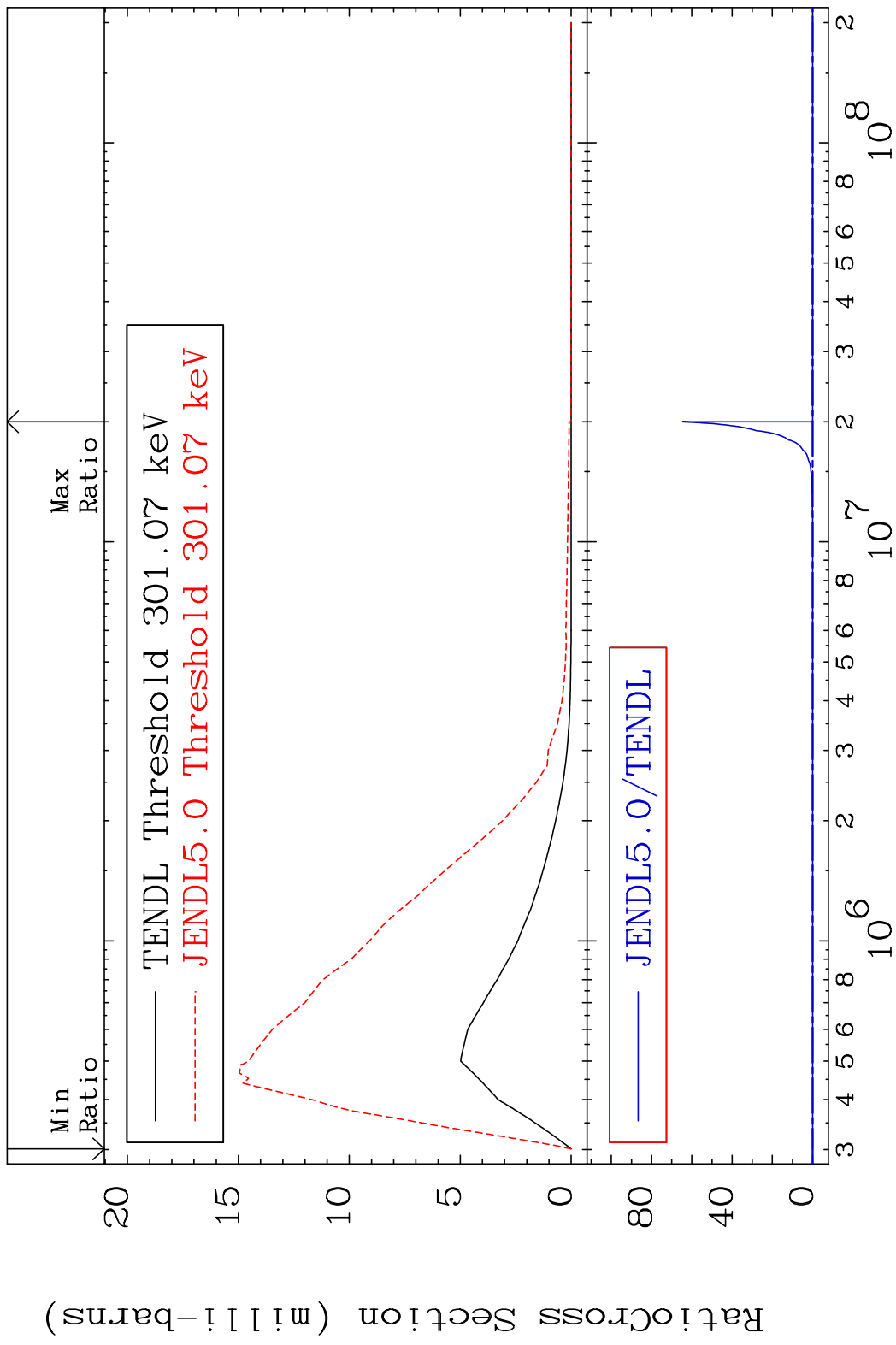
MAT 7128 MT= 55 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 0.000 %



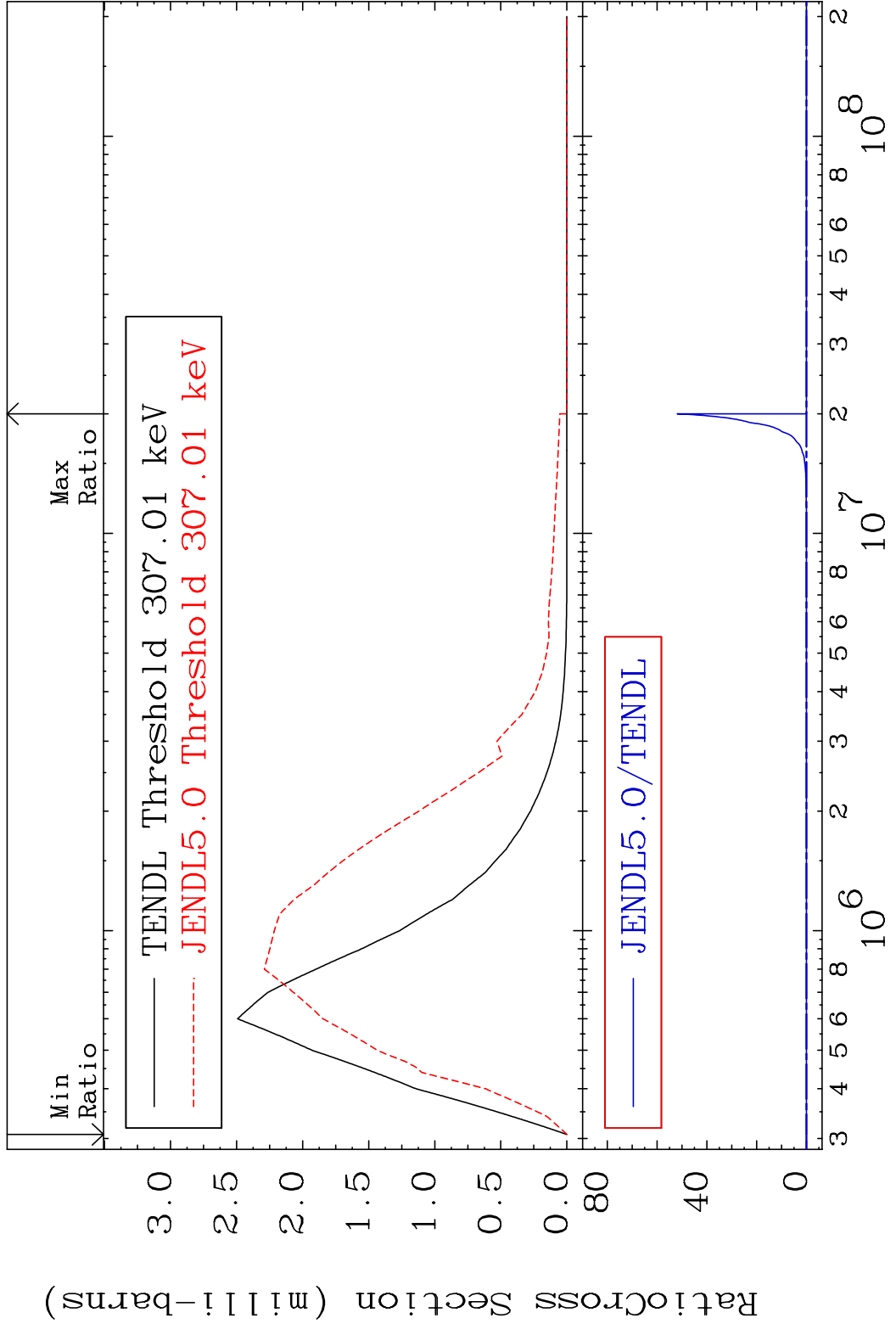
MAT 7128 MT= 56 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



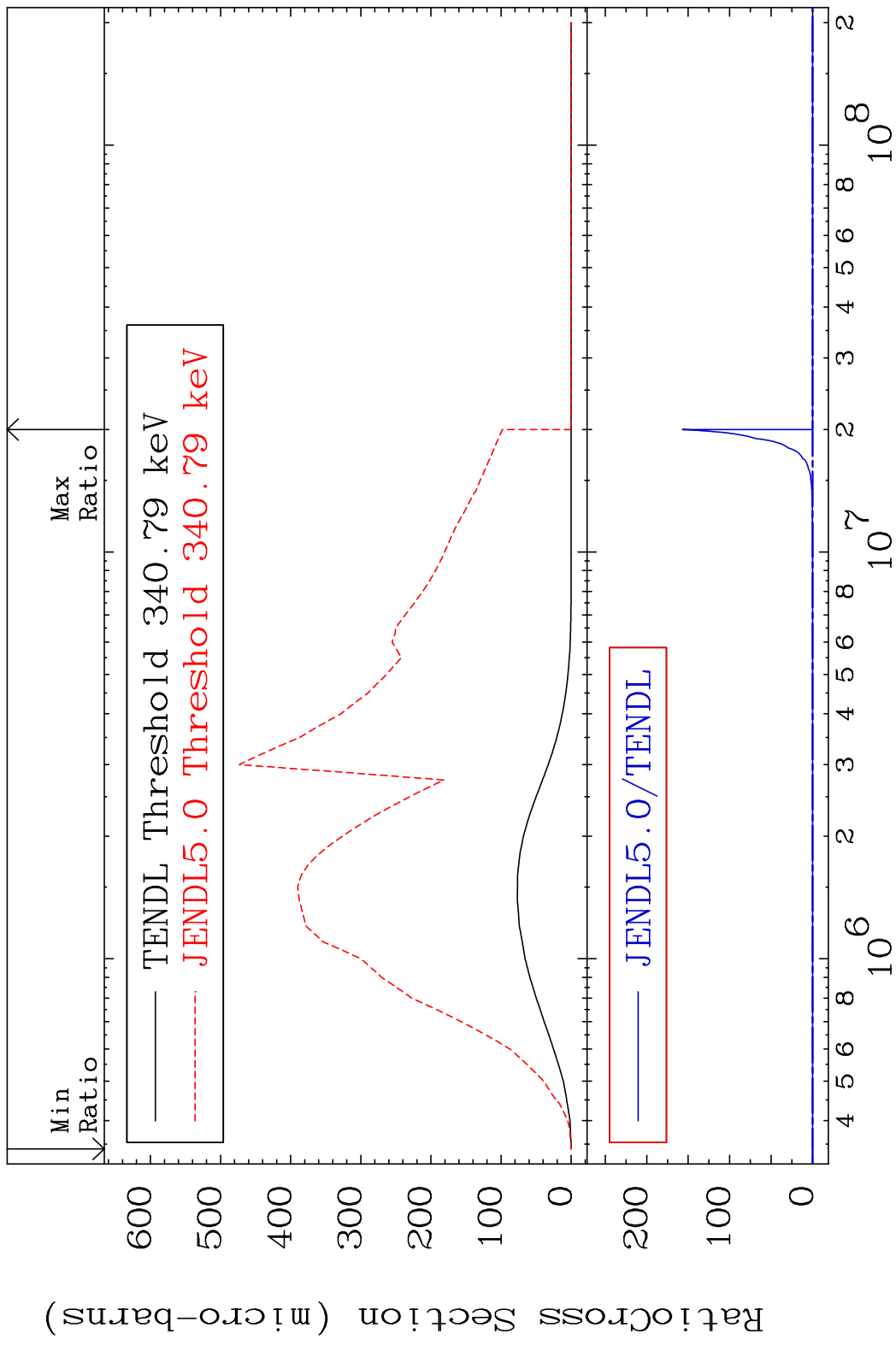
MAT 7128 MT= 57 (n,n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



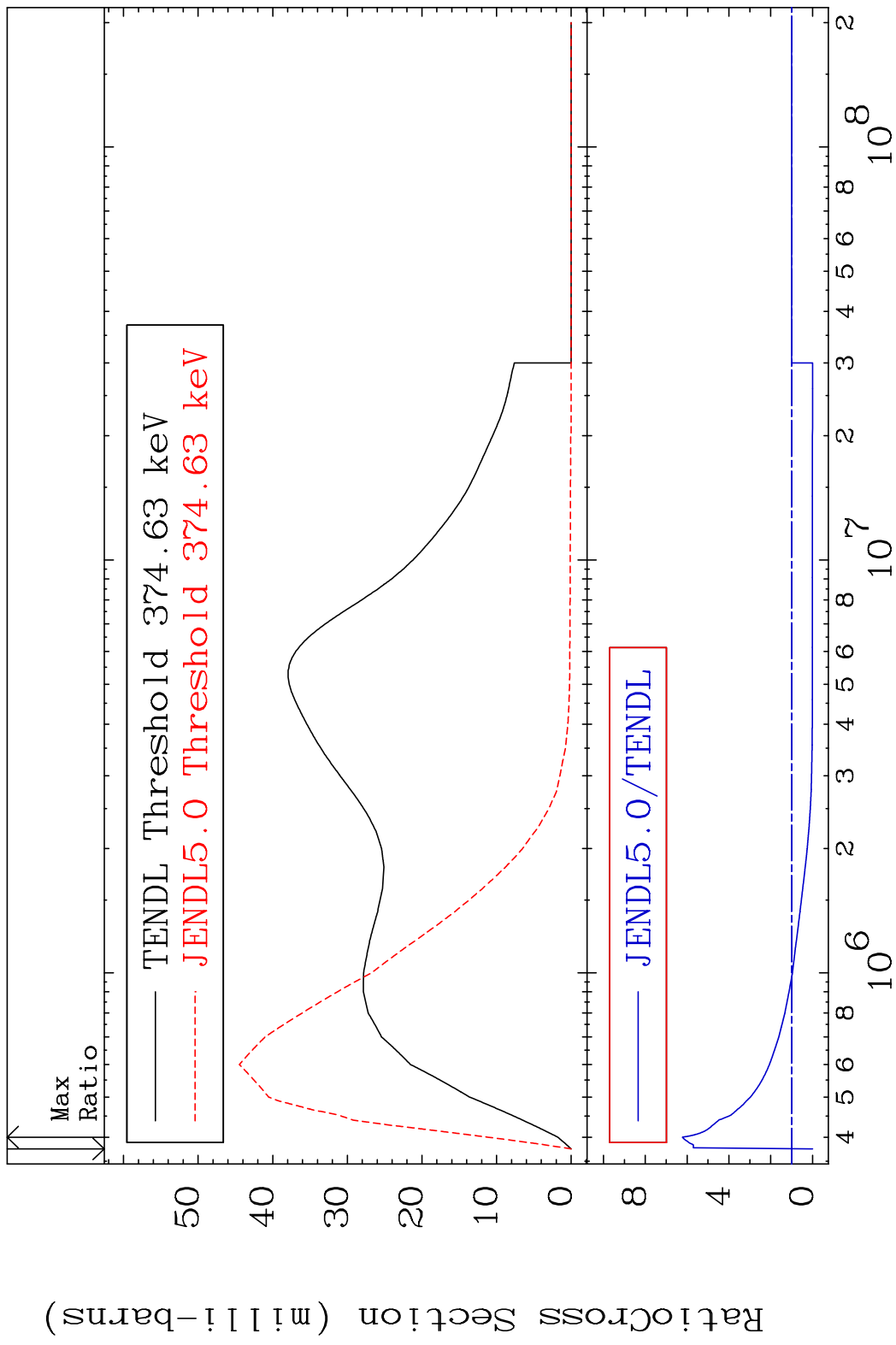
MAT 7128 MT= 58 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



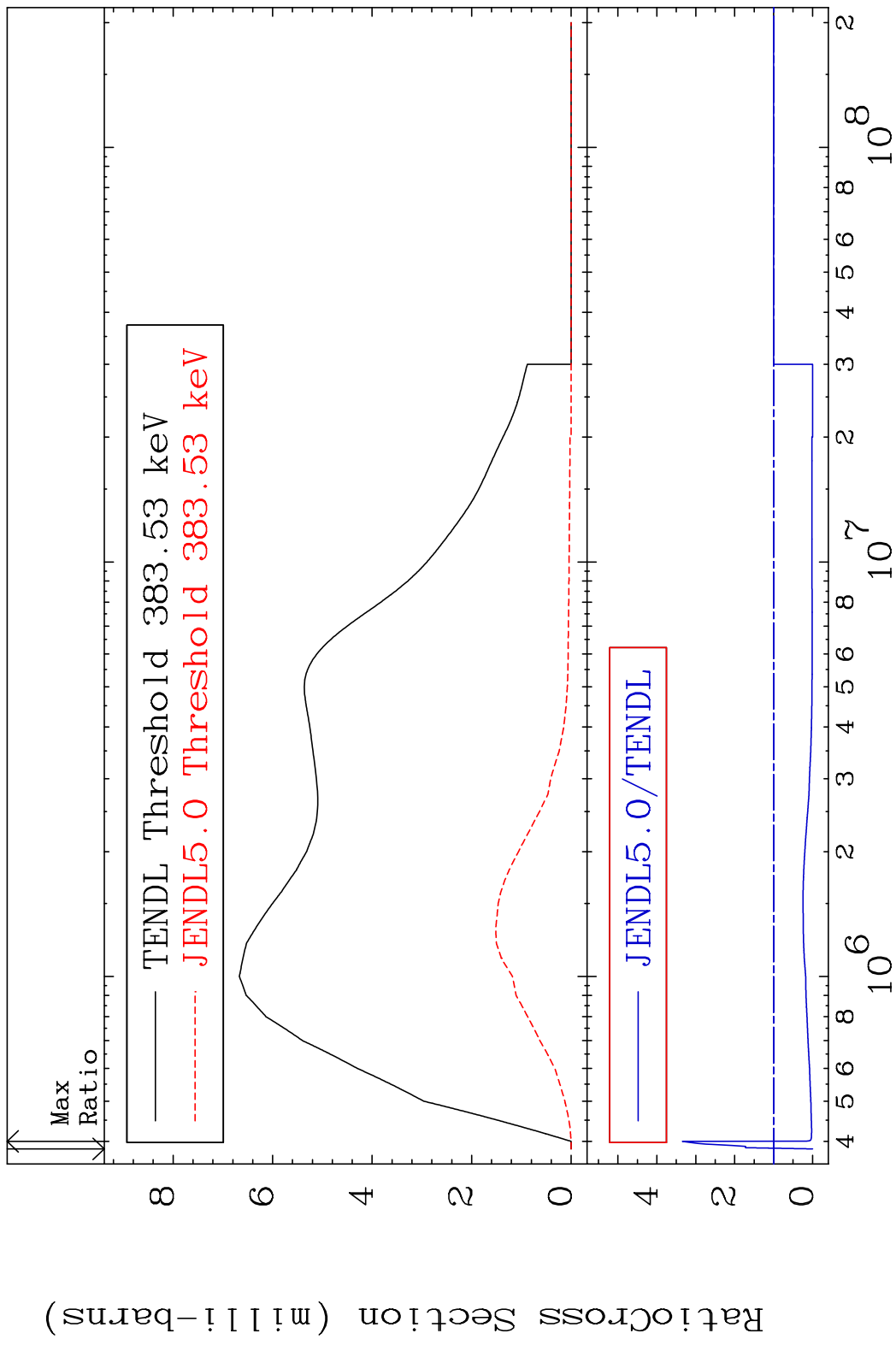
MAT 7128 MT= 59 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



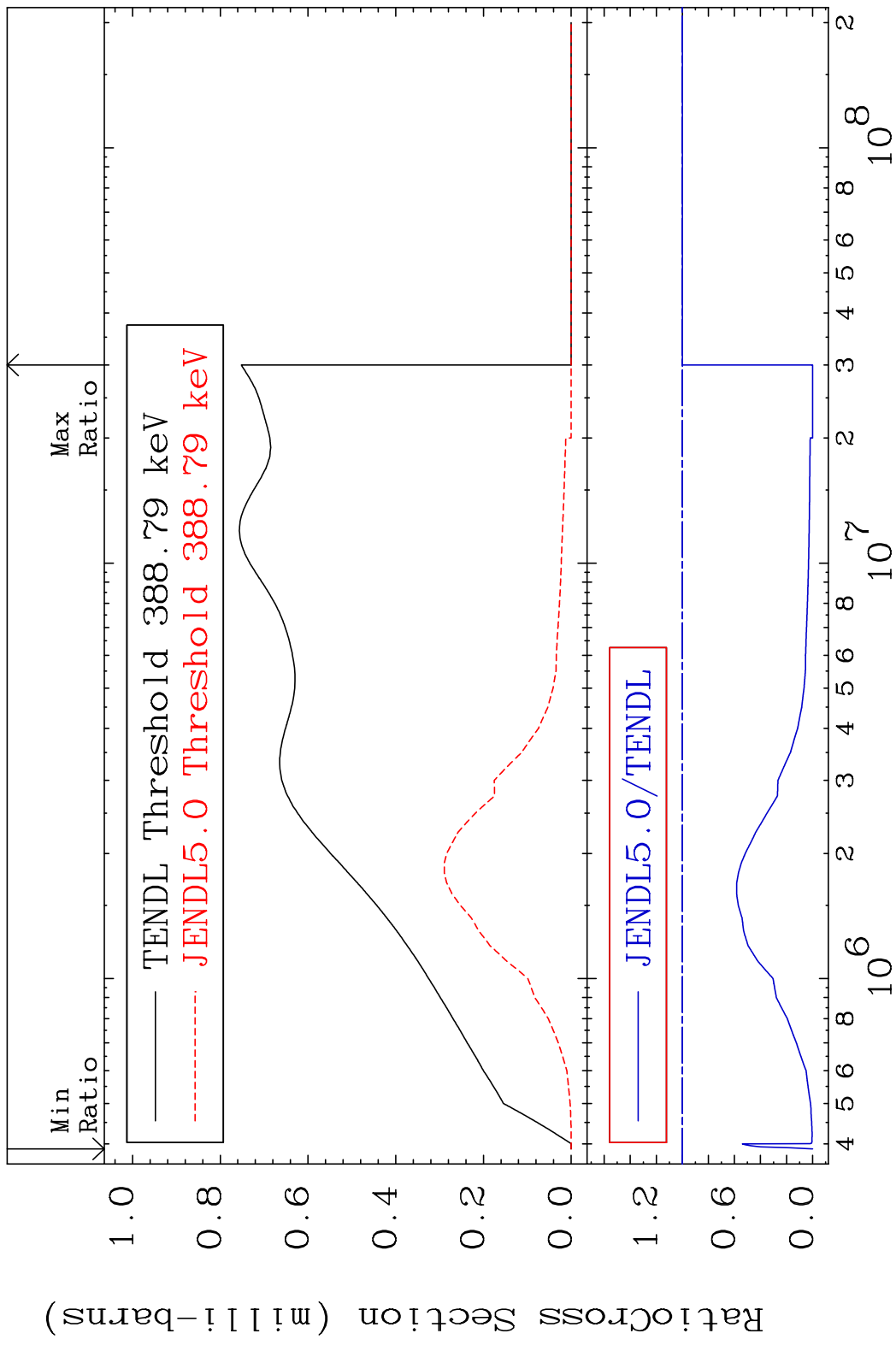
MAT 7128 MT= 60 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 522.7 %



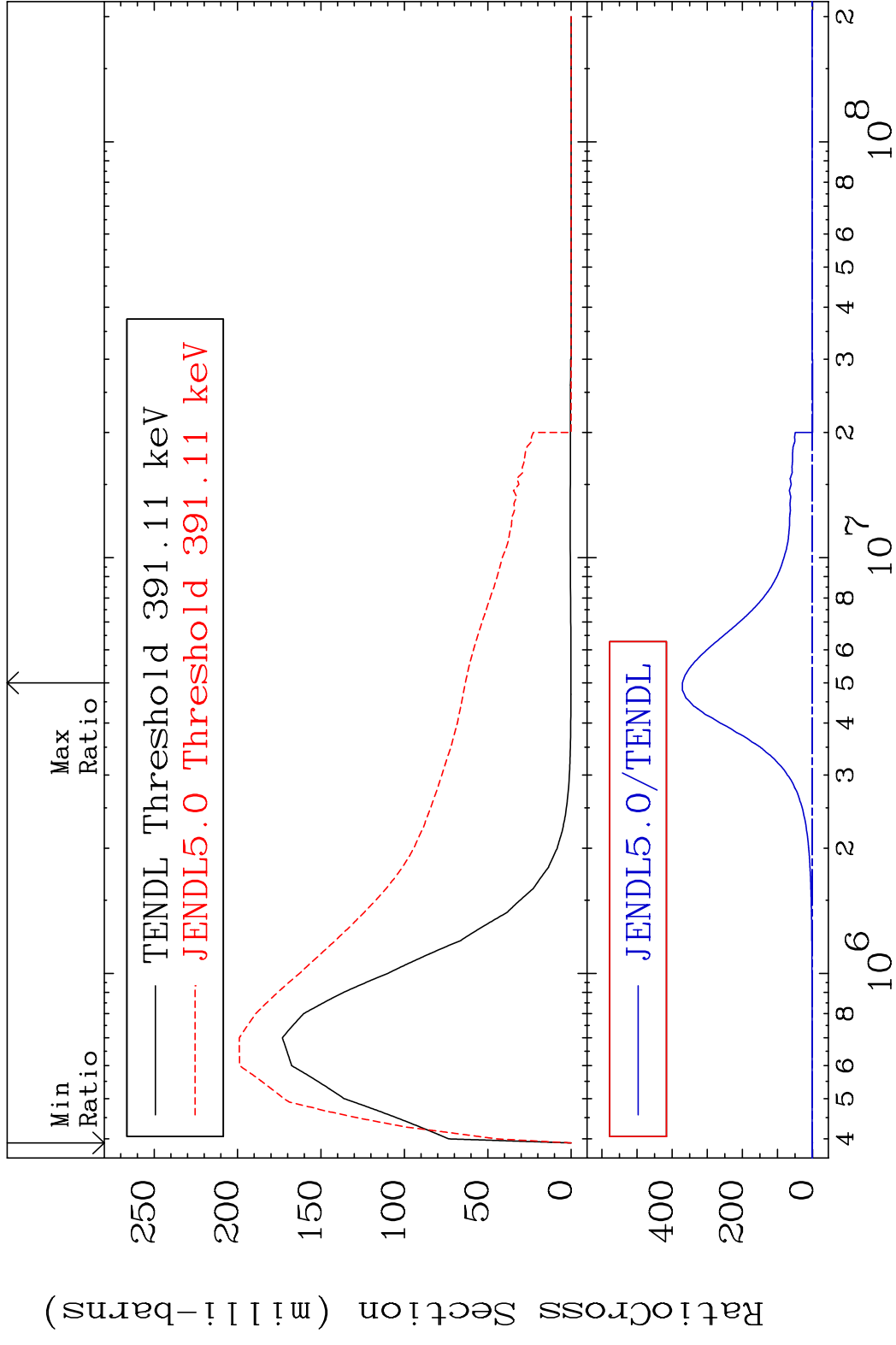
MAT 7128 MT= 61 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 234.4 %



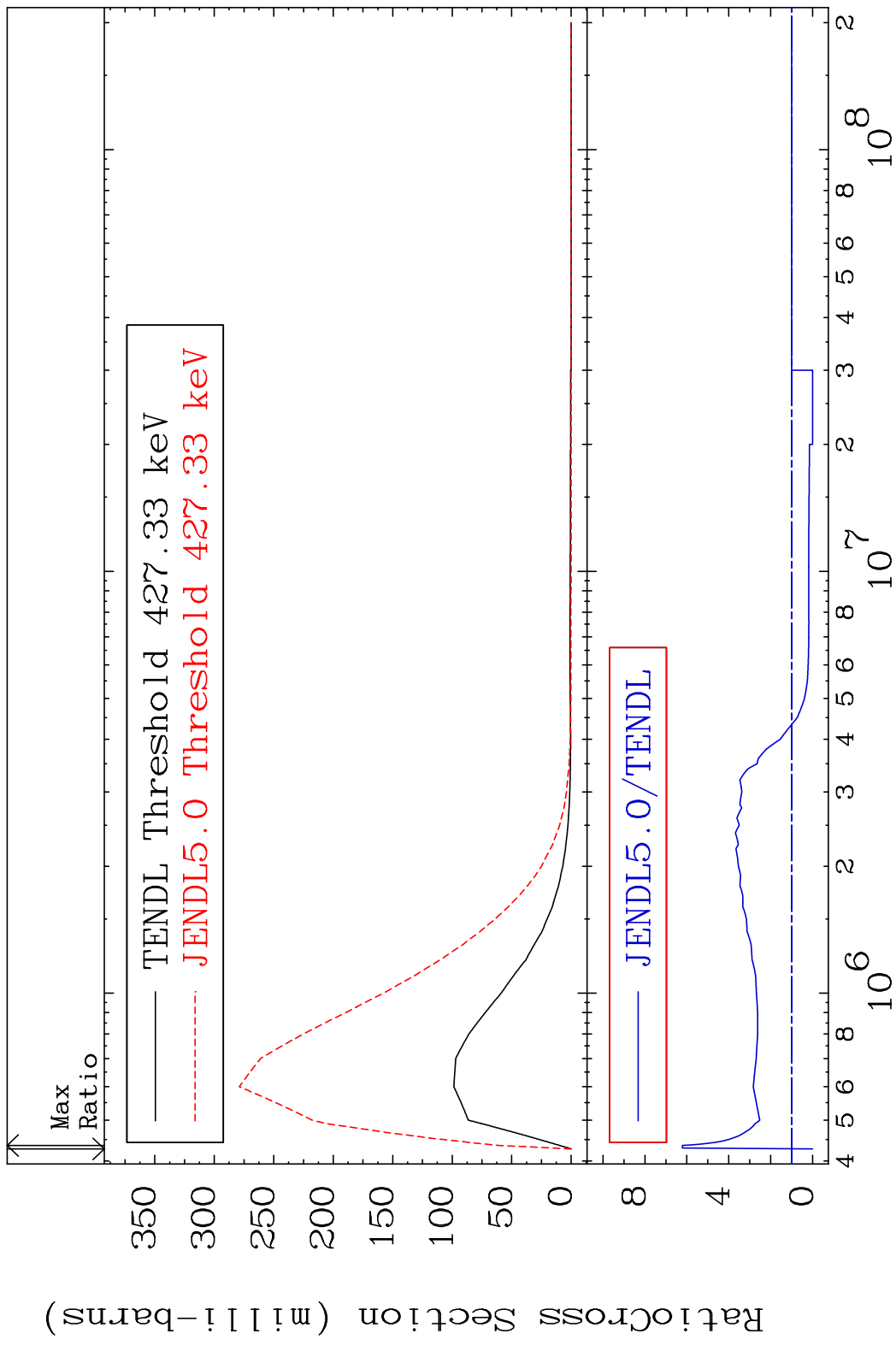
MAT 7128 MT= 62 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 0.000 %



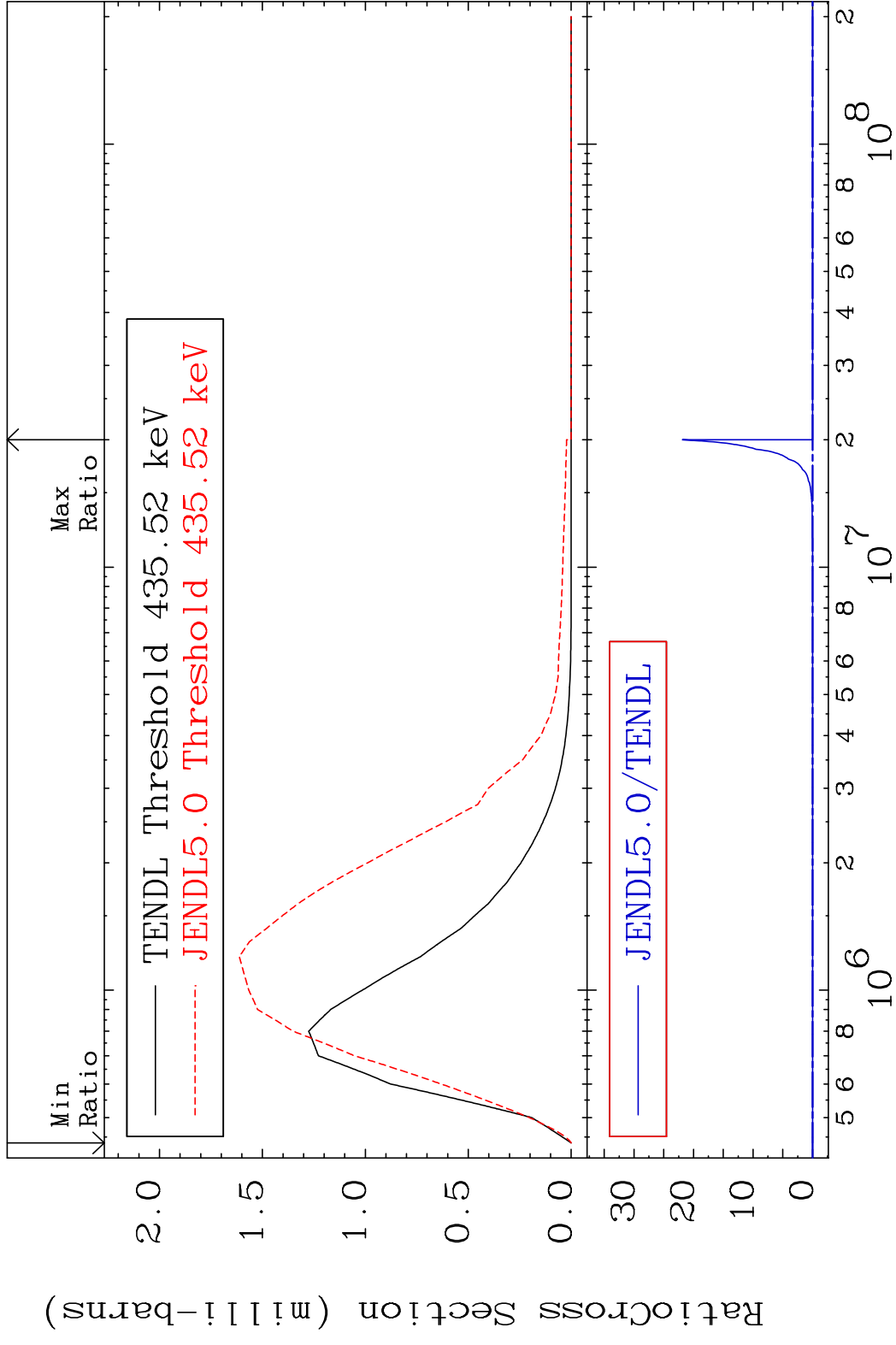
MAT 7128 MT= 63 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



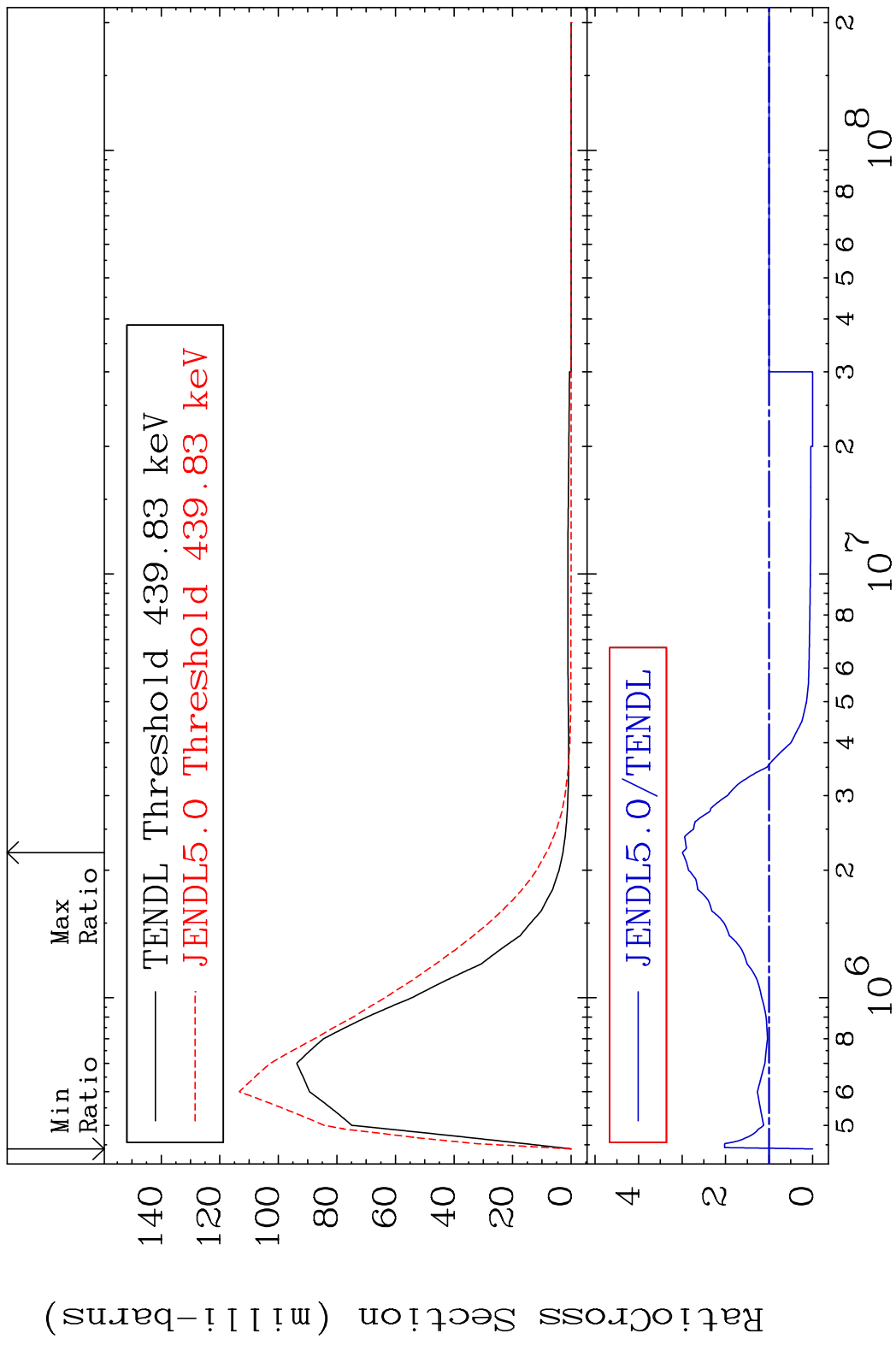
MAT 7128 MT= 64 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 521.3 %



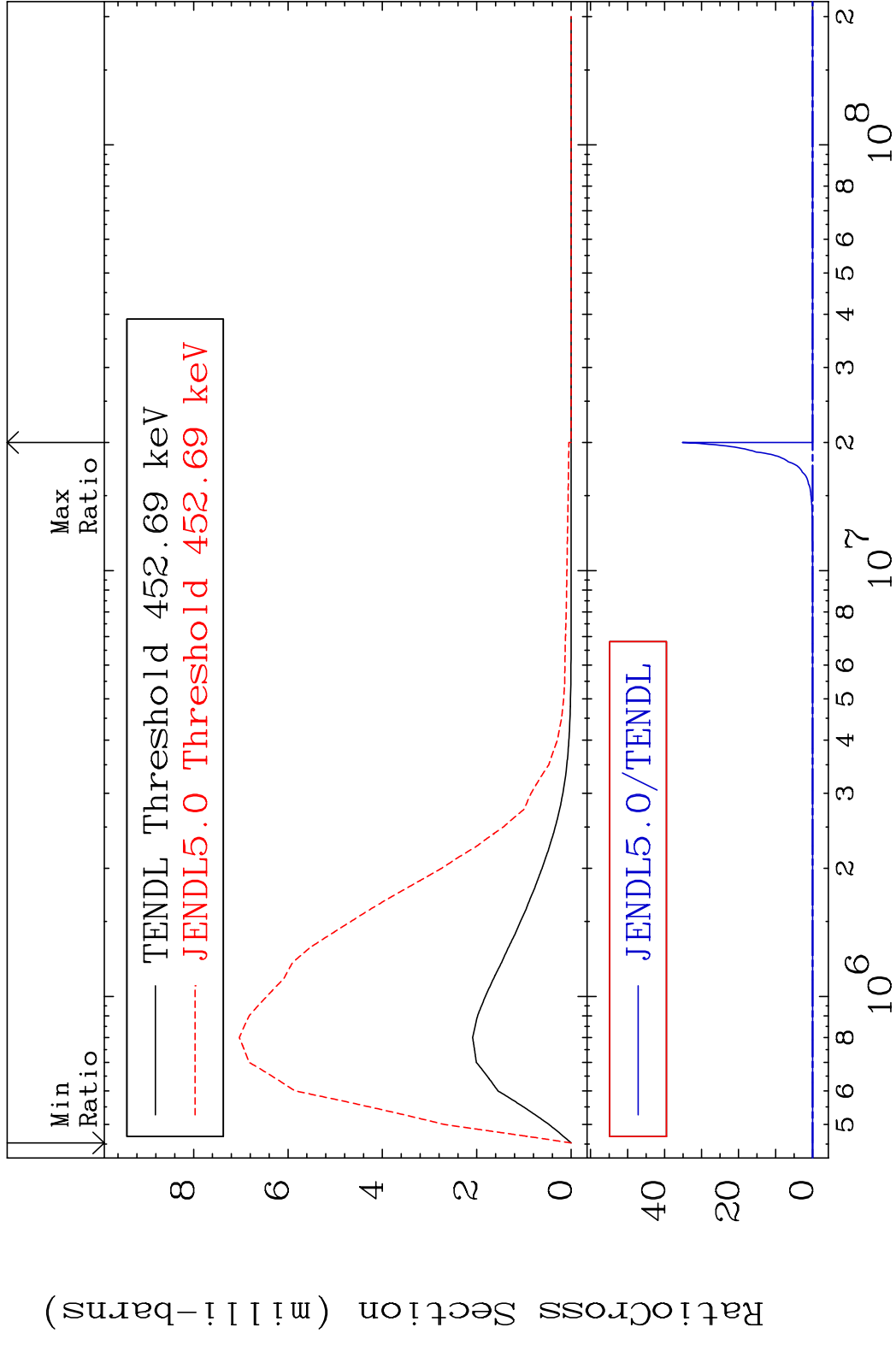
MAT 7128 MT= 65 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



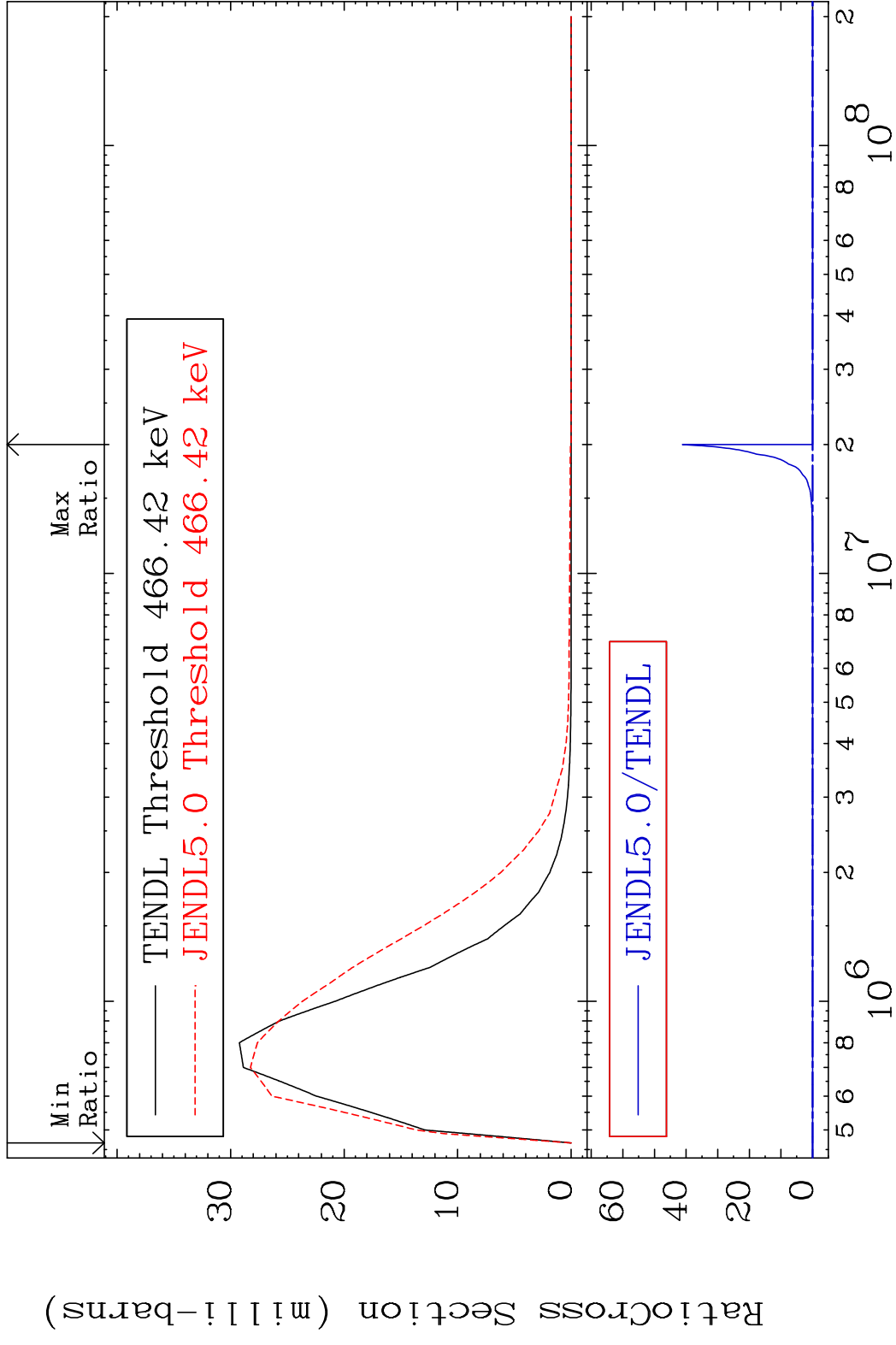
MAT 7128 MT= 66 (n,n') Level 71-Lu-176
 Cross Section -100.0 To 199.4 %



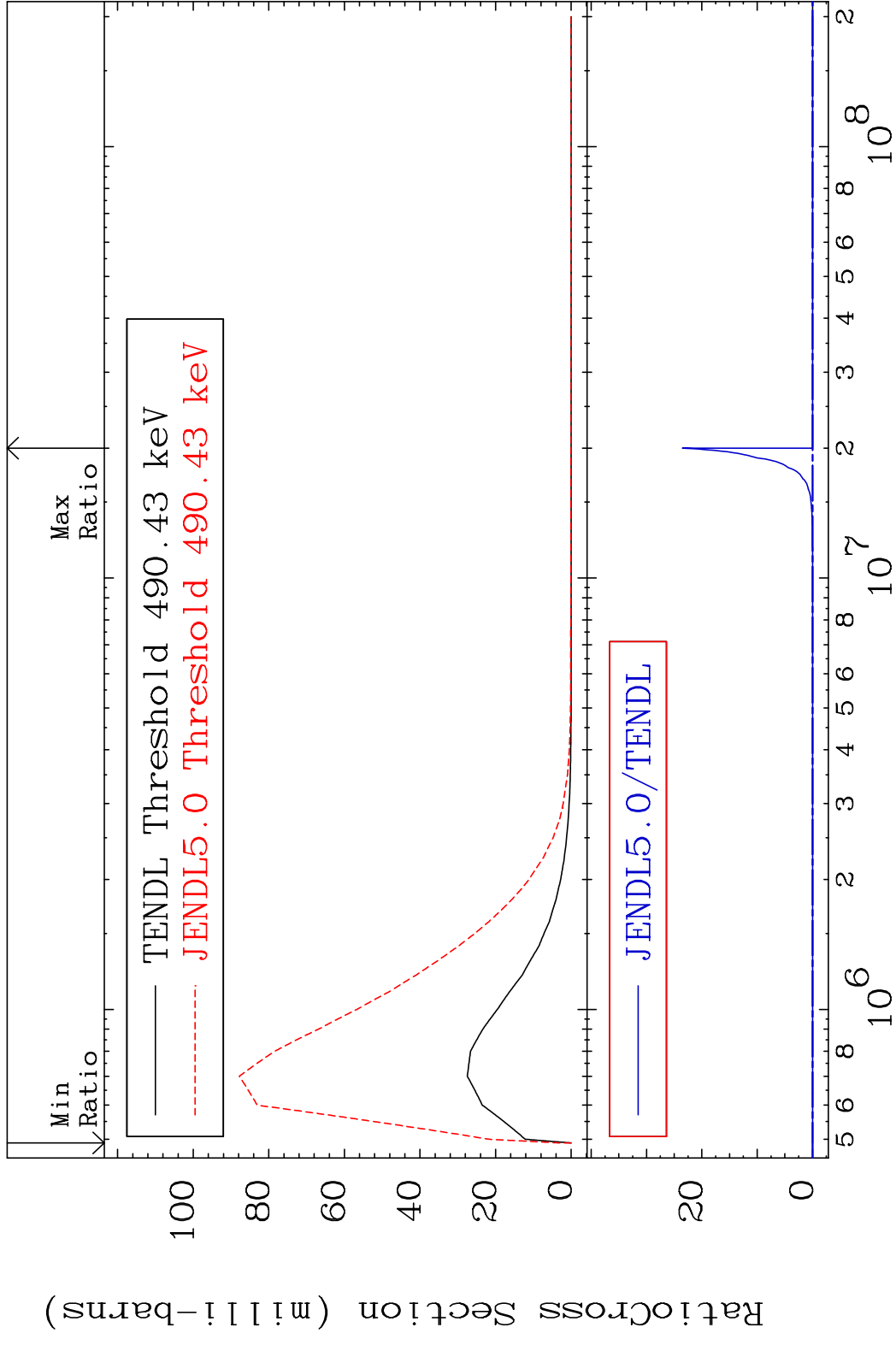
MAT 7128 MT= 67 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



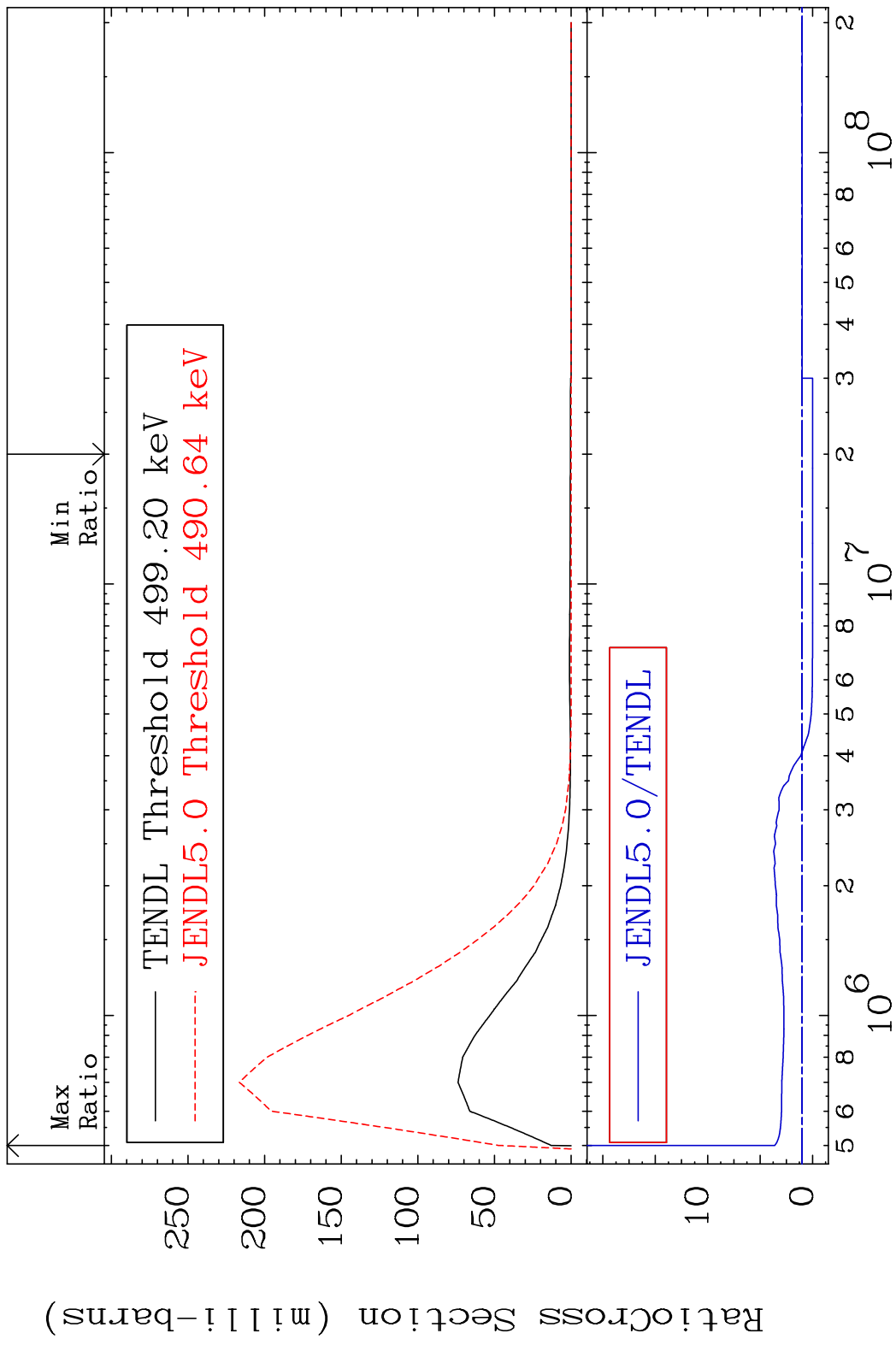
MAT 7128 MT= 68 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %



MAT 7128 MT= 69 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 9999. %

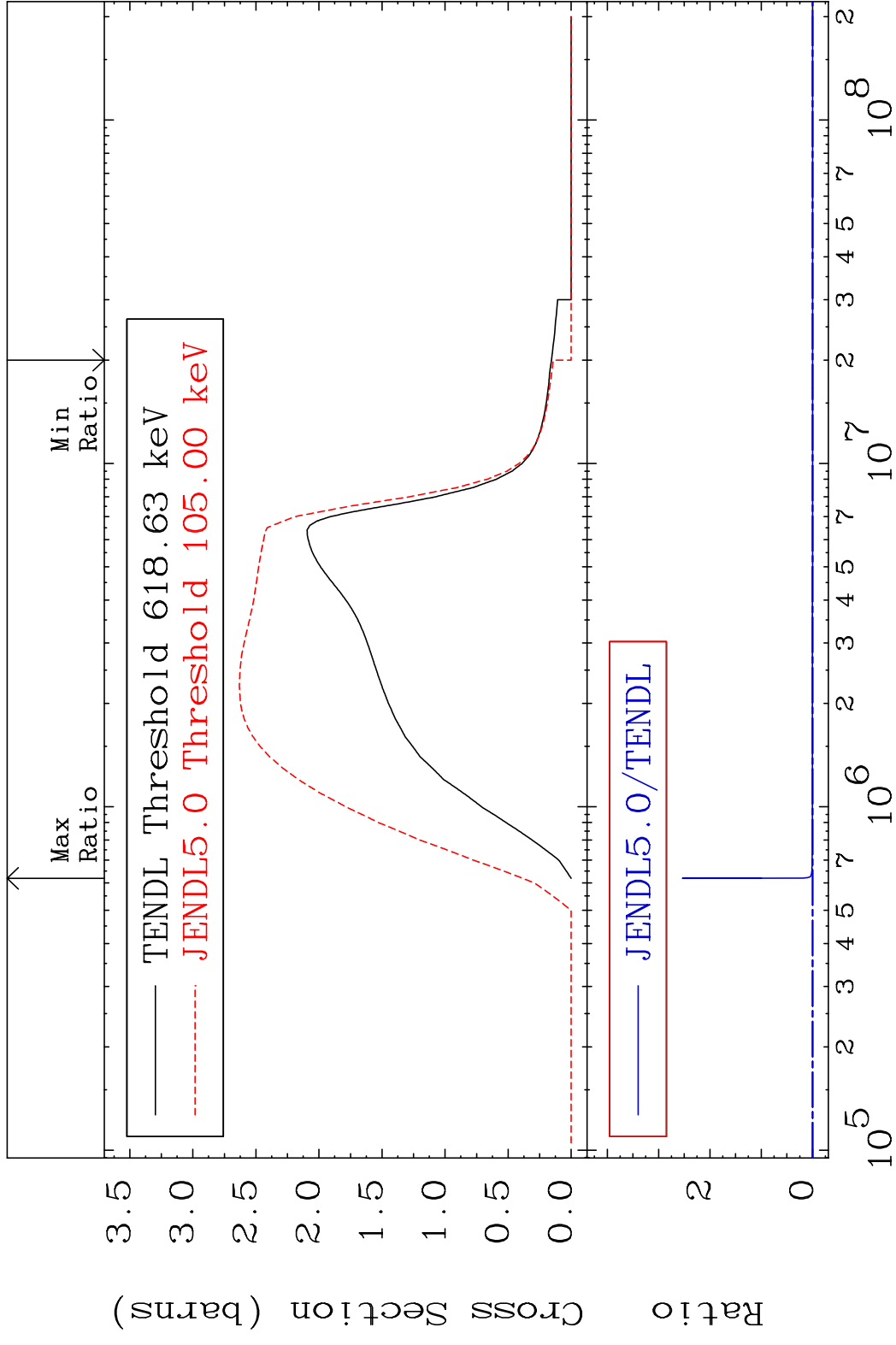


MAT 7128 MT= 70 (n, n') Level 71-Lu-176
 Cross Section -100.0 To 1142. %



MAT 7128

(n, n') Continuum 71-Lu-176
Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

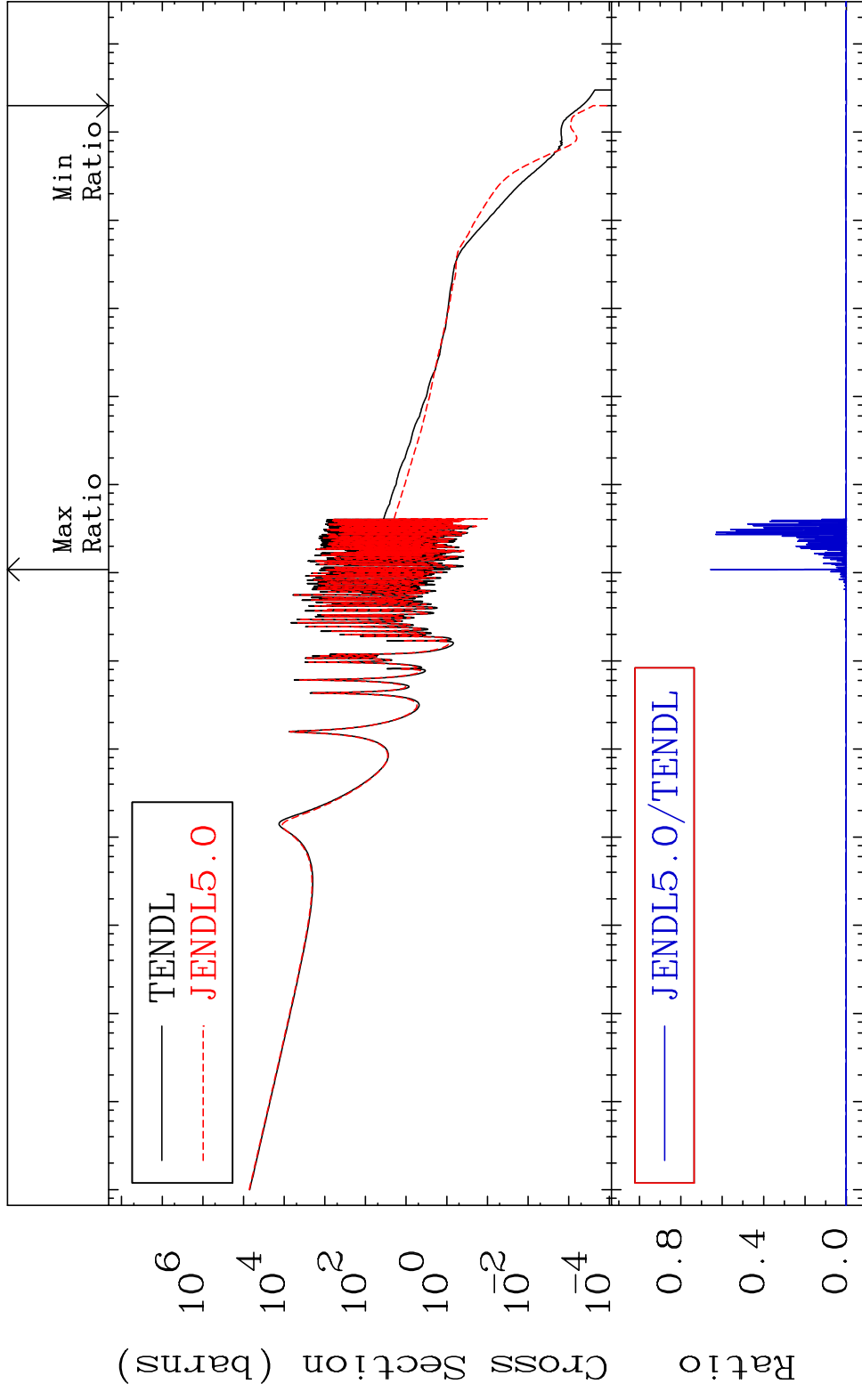
71-Lu-176

MAT 7128

71-Lu-176

(n, γ)

Cross Section -100.0 To 9999. %

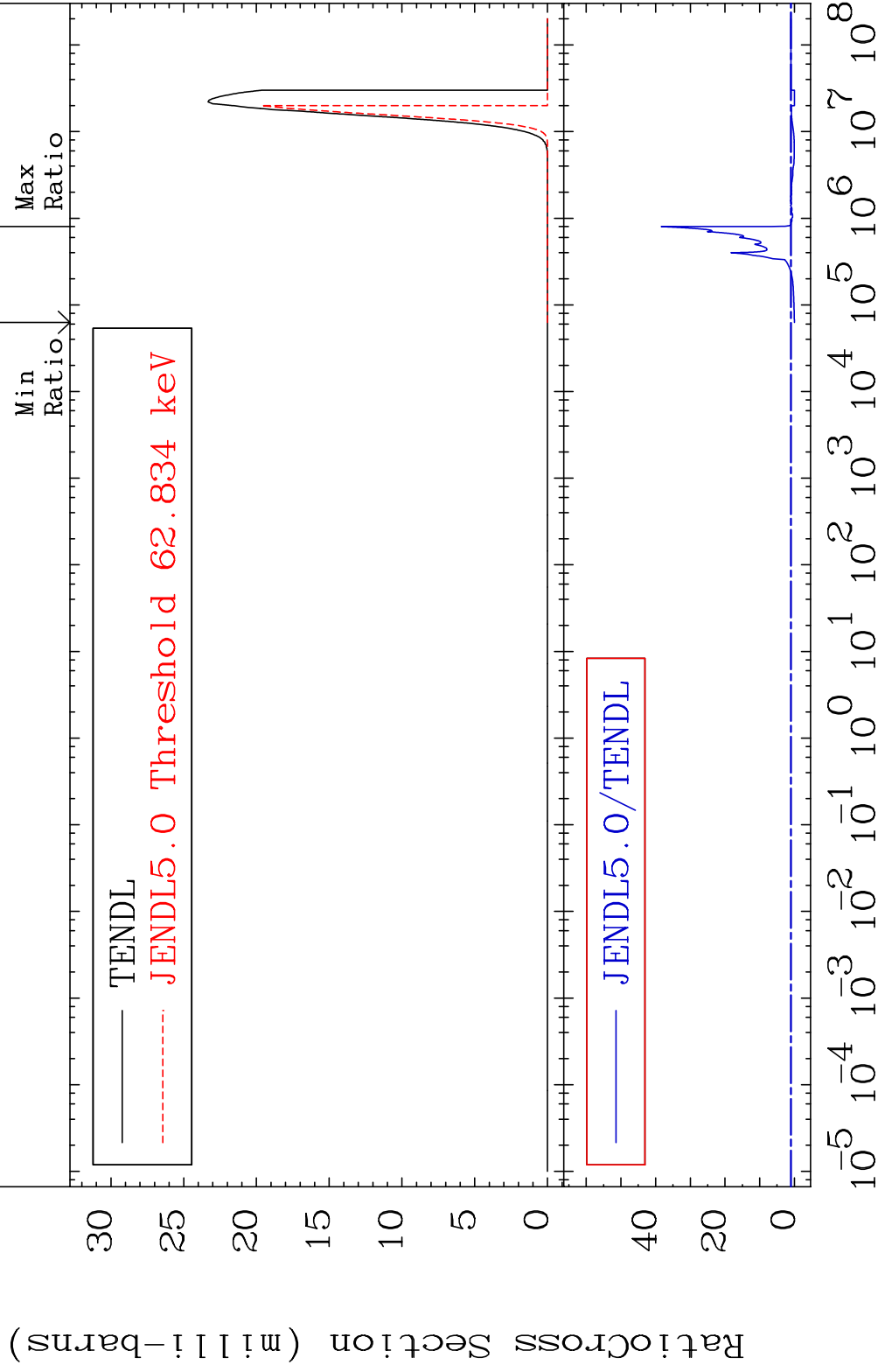


MAT 7128

(n, p)

71-Lu-176

Cross Section -100.0 To 3738. %

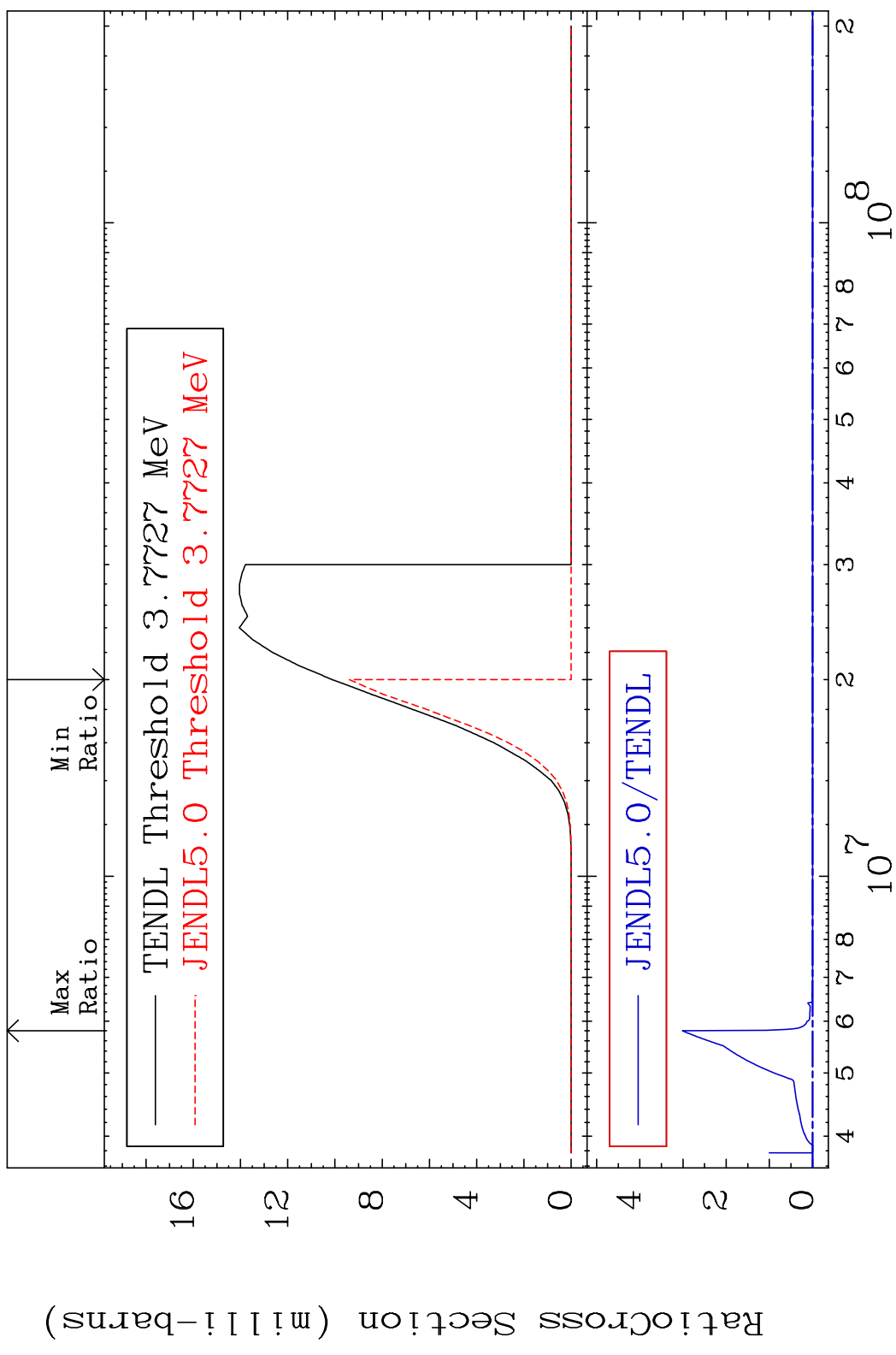


35

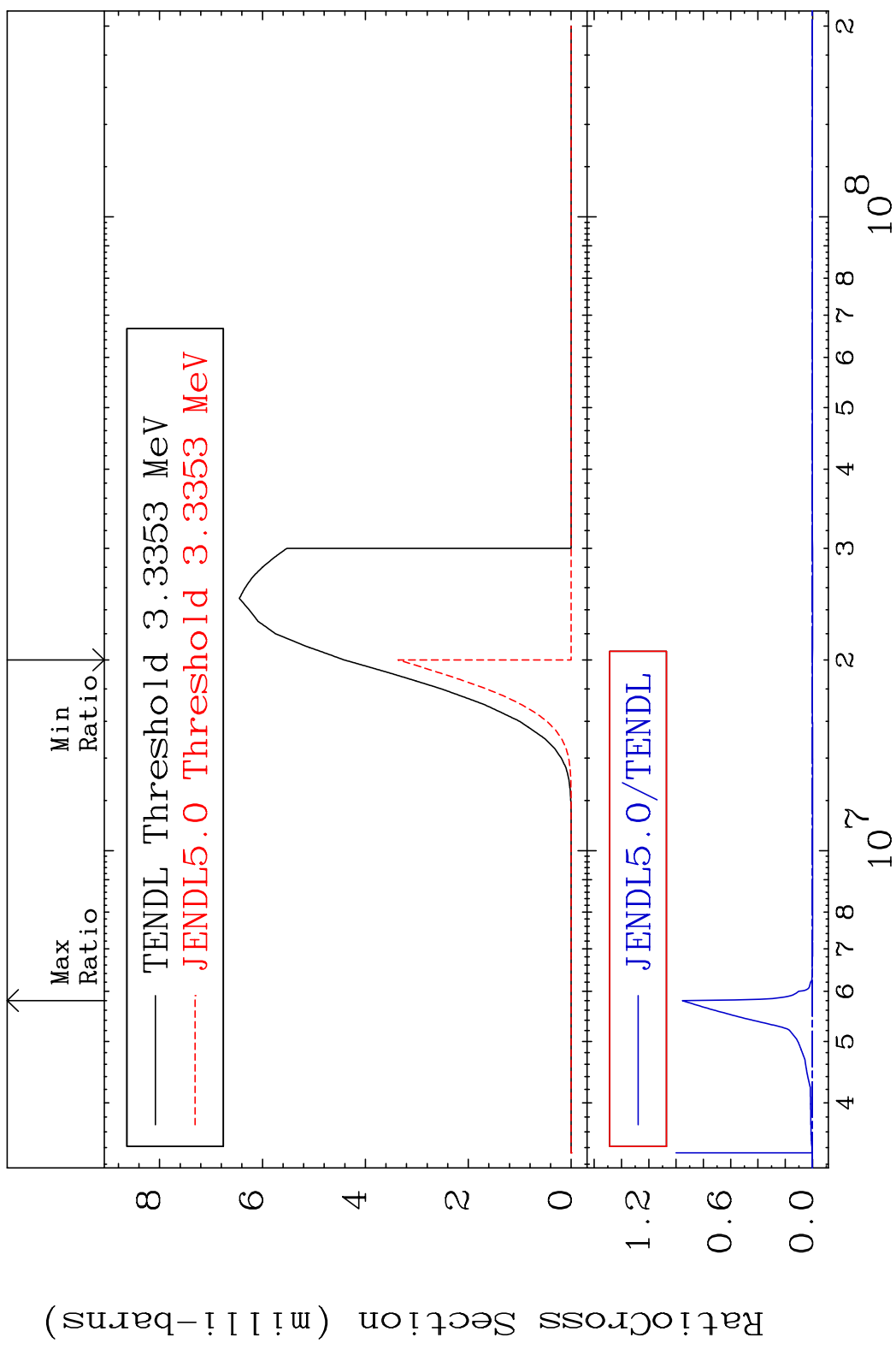
Incident Energy (eV)

71-Lu-176

Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

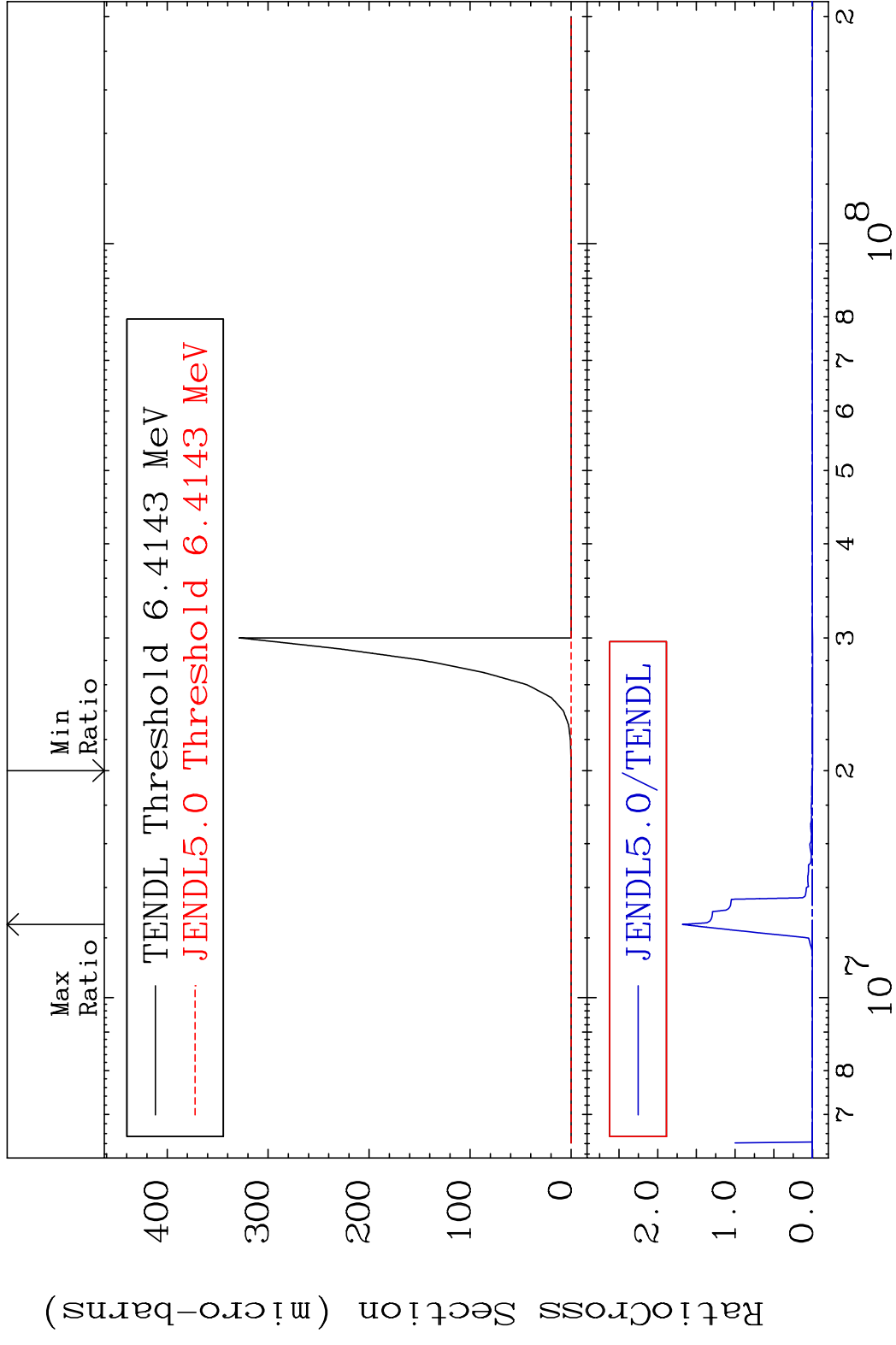


MAT 7128

(n, He-3)

71-Lu-176

Cross Section -100.0 To 9999. %

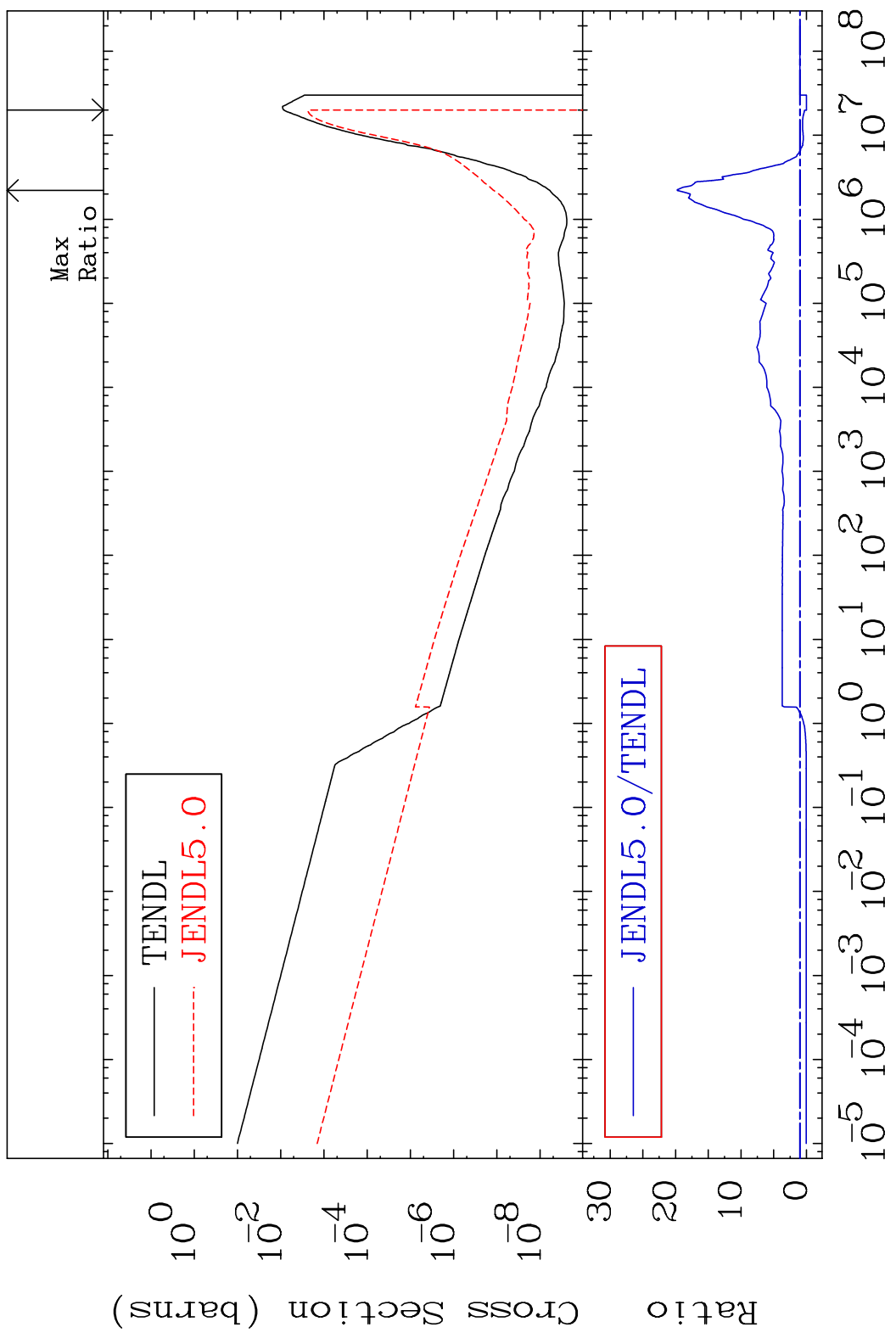


MAT 7128

(n, α)

71-Lu-176

Cross Section -100.0 To 1875. %



39

Incident Energy (eV)

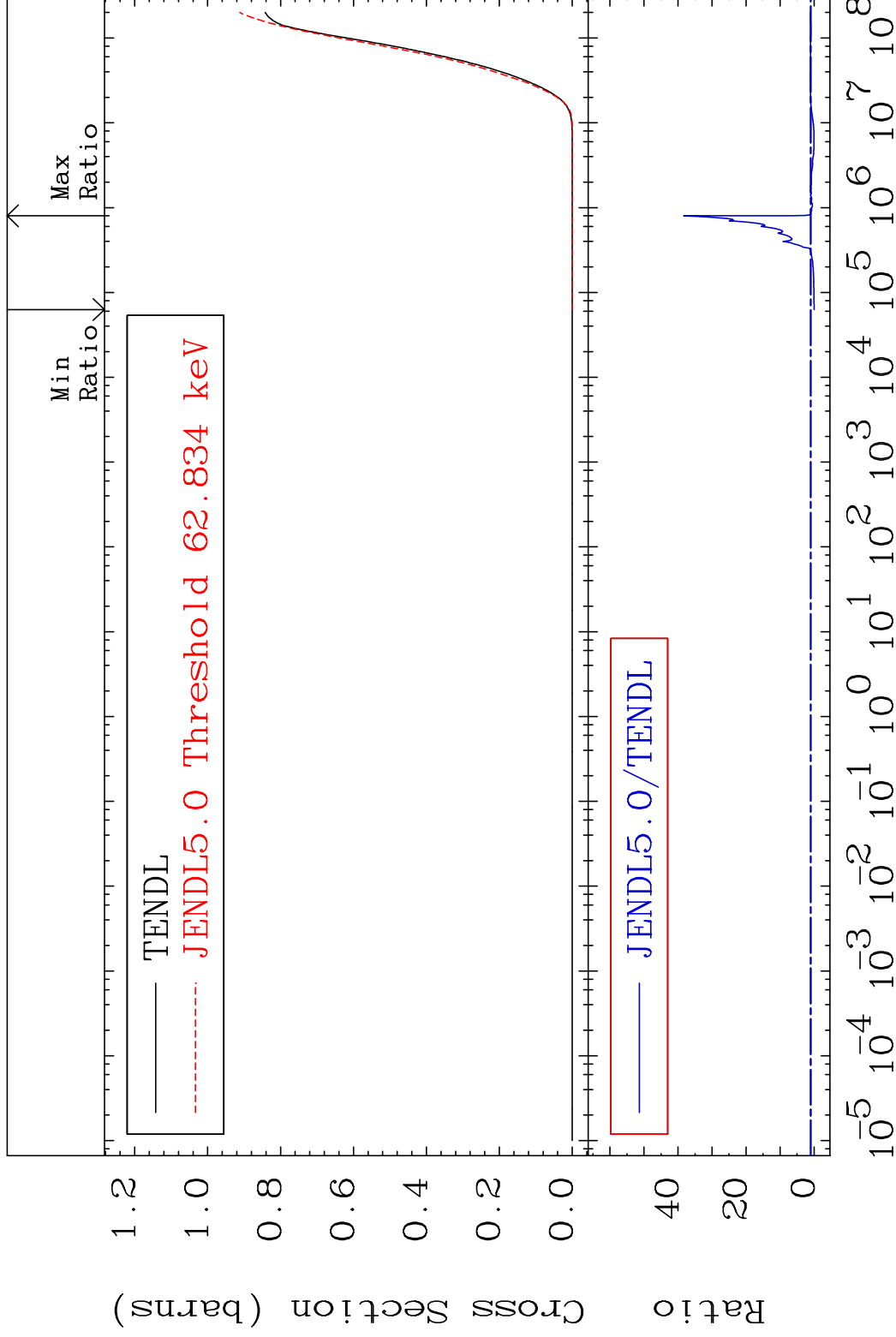
71-Lu-176

MAT 7128

Hydrogen Production

71-Lu-176

Cross Section -100.0 To 3734. %

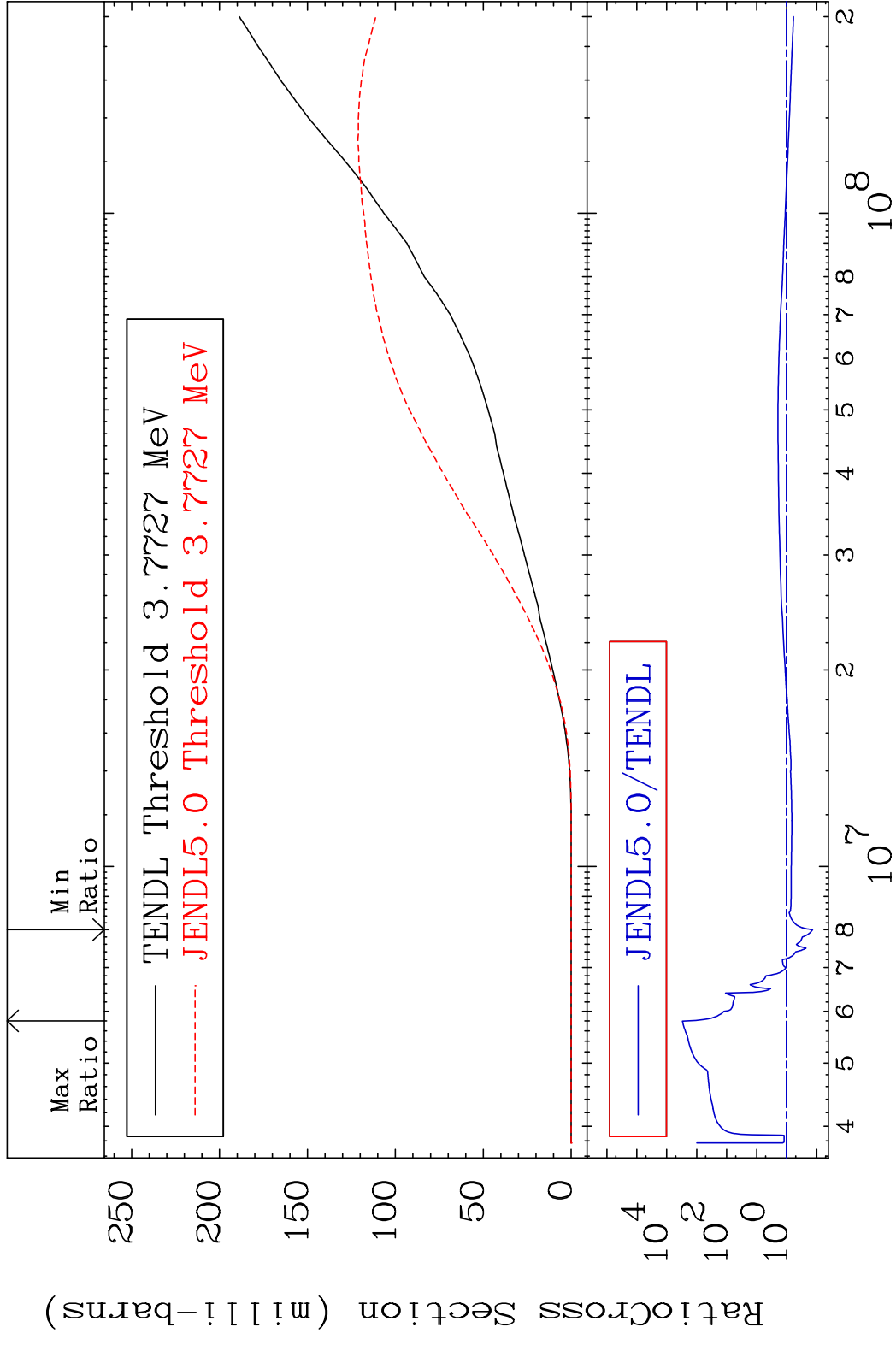


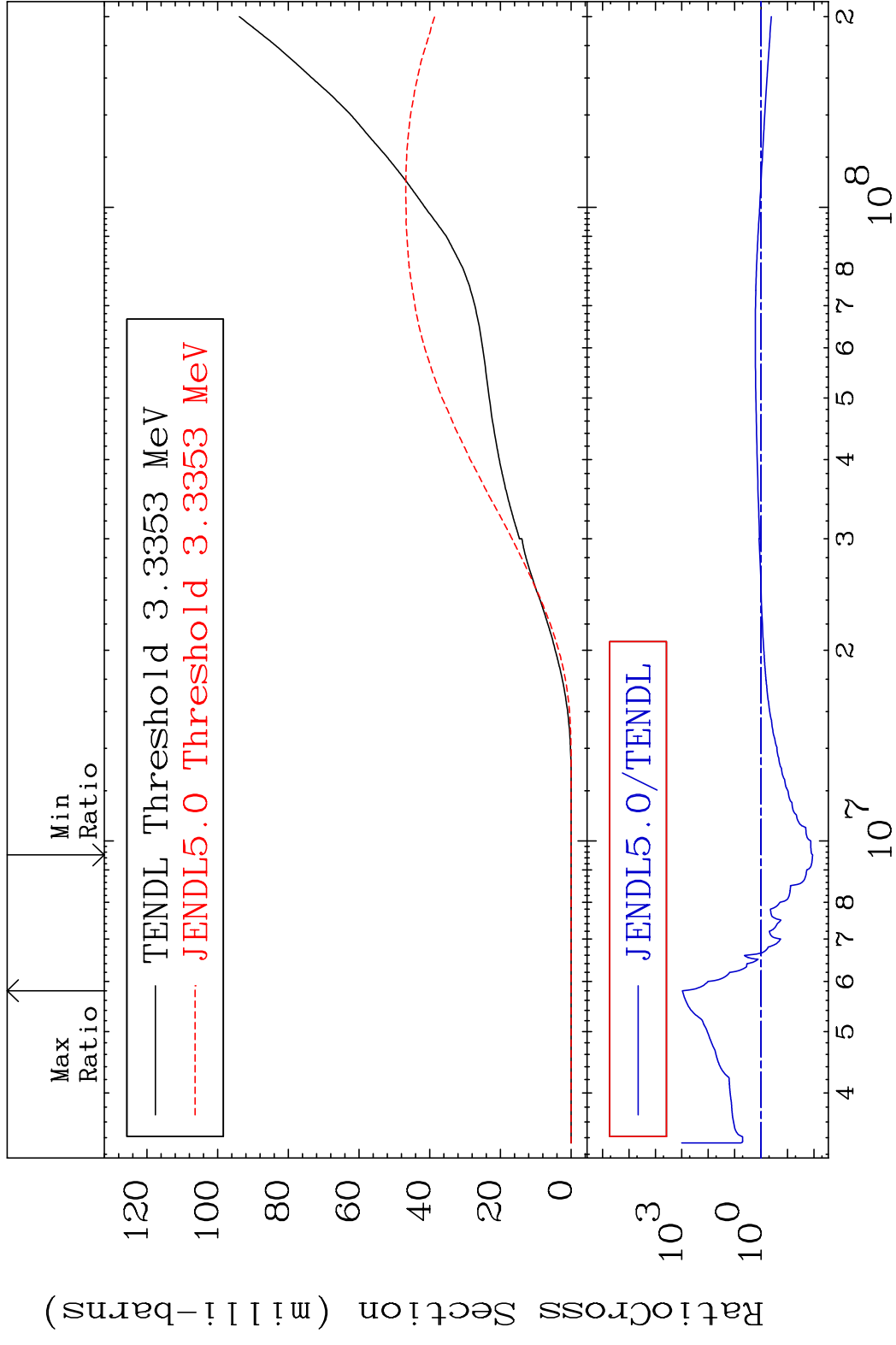
40

Incident Energy (eV)

71-Lu-176

Cross Section -86.35 To 9999. %



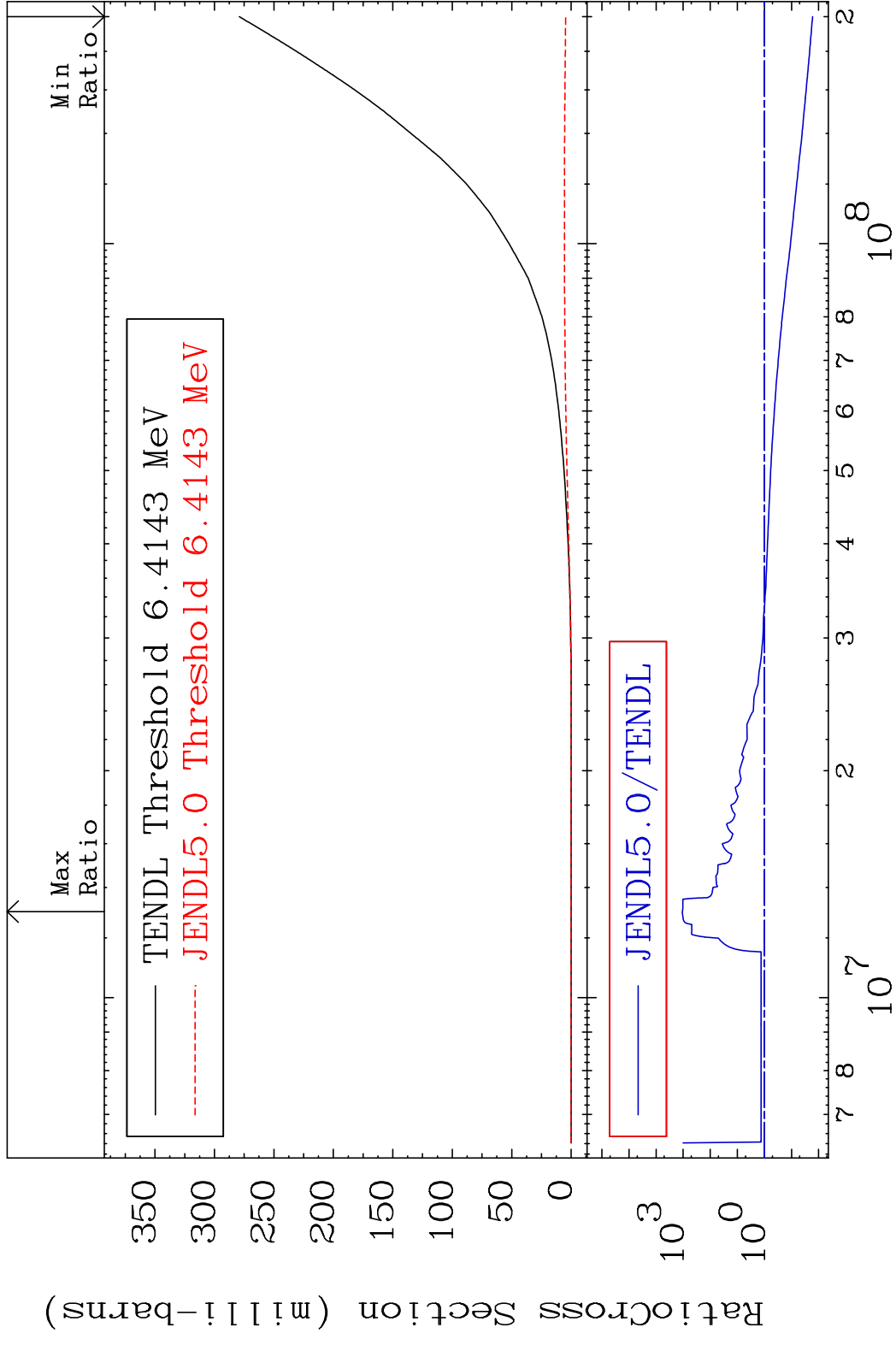


MAT 7128

He-3 Production

71-Lu-176

Cross Section -98.33 To 9999. %



43

Incident Energy (eV)

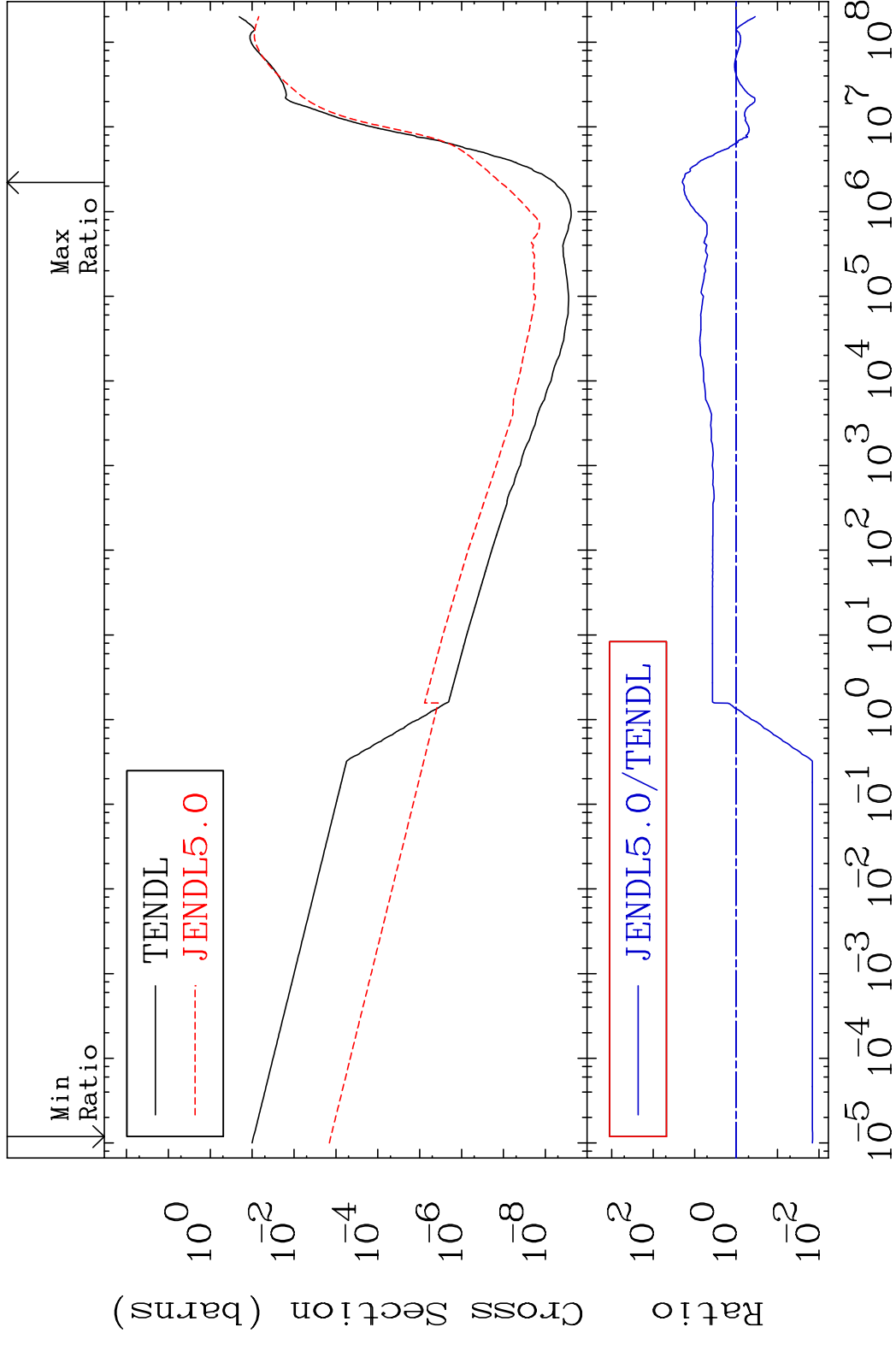
71-Lu-176

MAT 7128

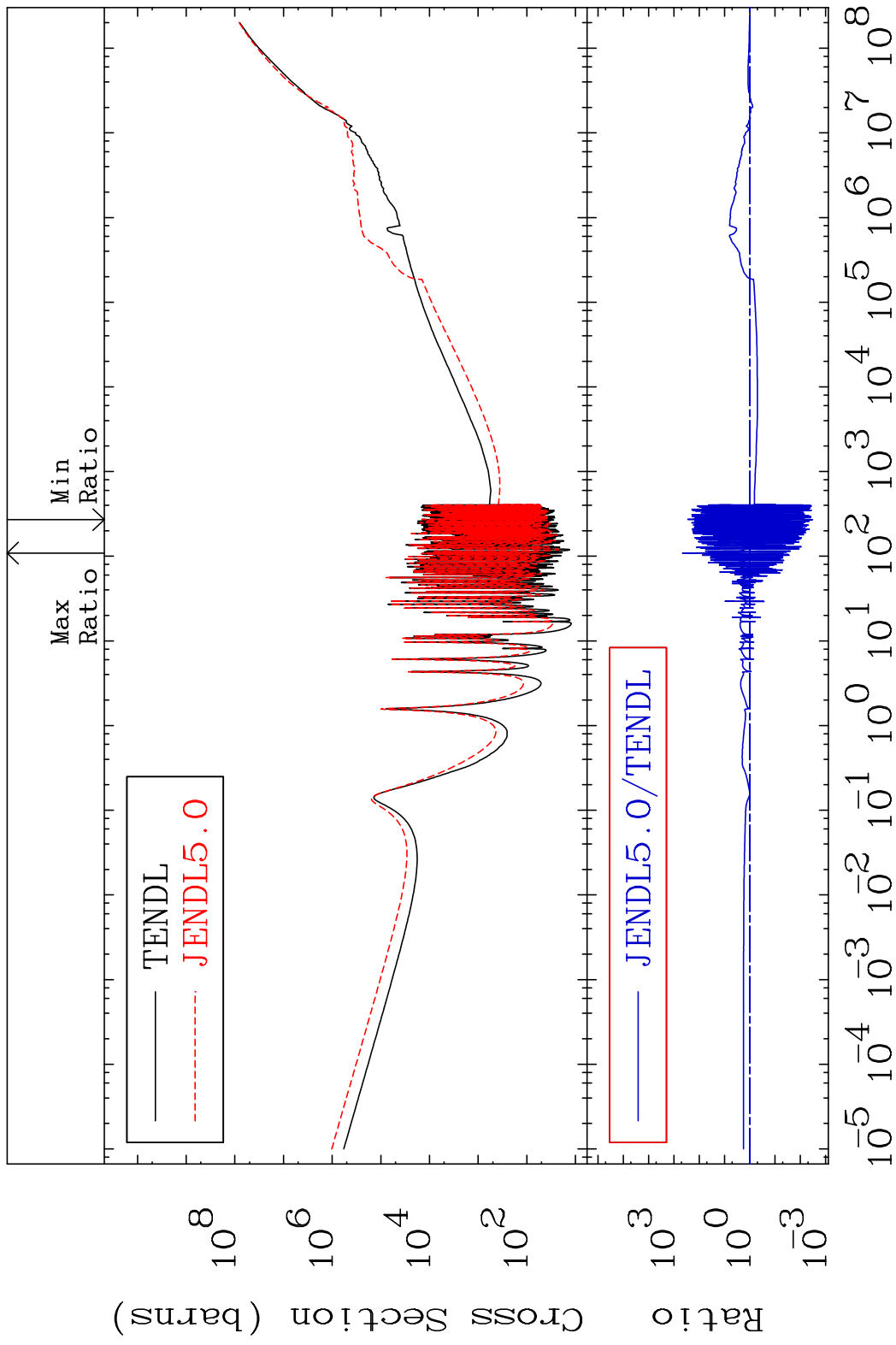
He-4 Production

71-Lu-176

Cross Section -98.58 To 1875. %



MAT 7128 Kerma total (eV-barns) 71-Lu-176
Cross Section -99.67 To 9999. %



45 Incident Energy (eV) 71-Lu-176

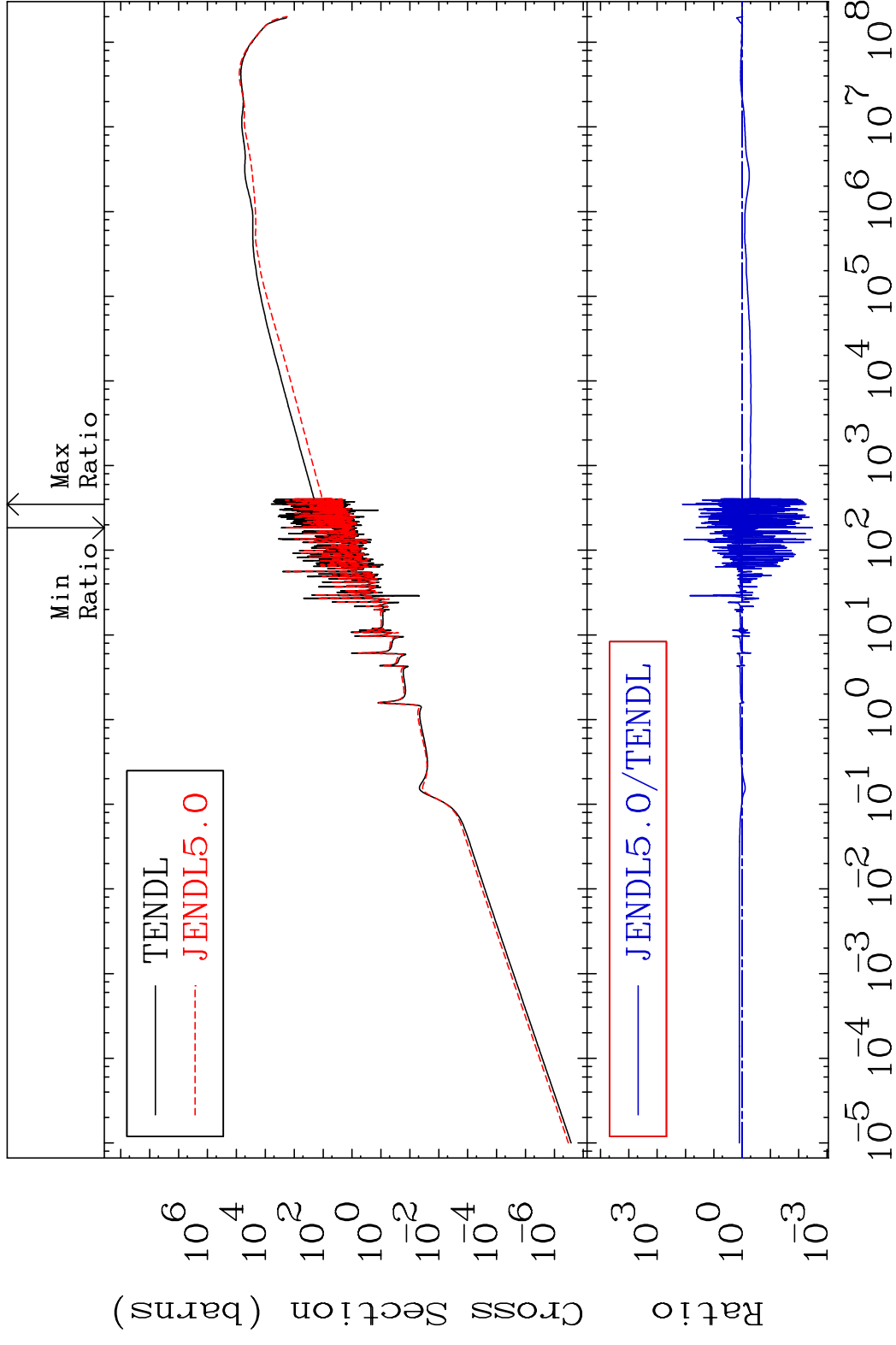
MAT 7128

Kerma elastic

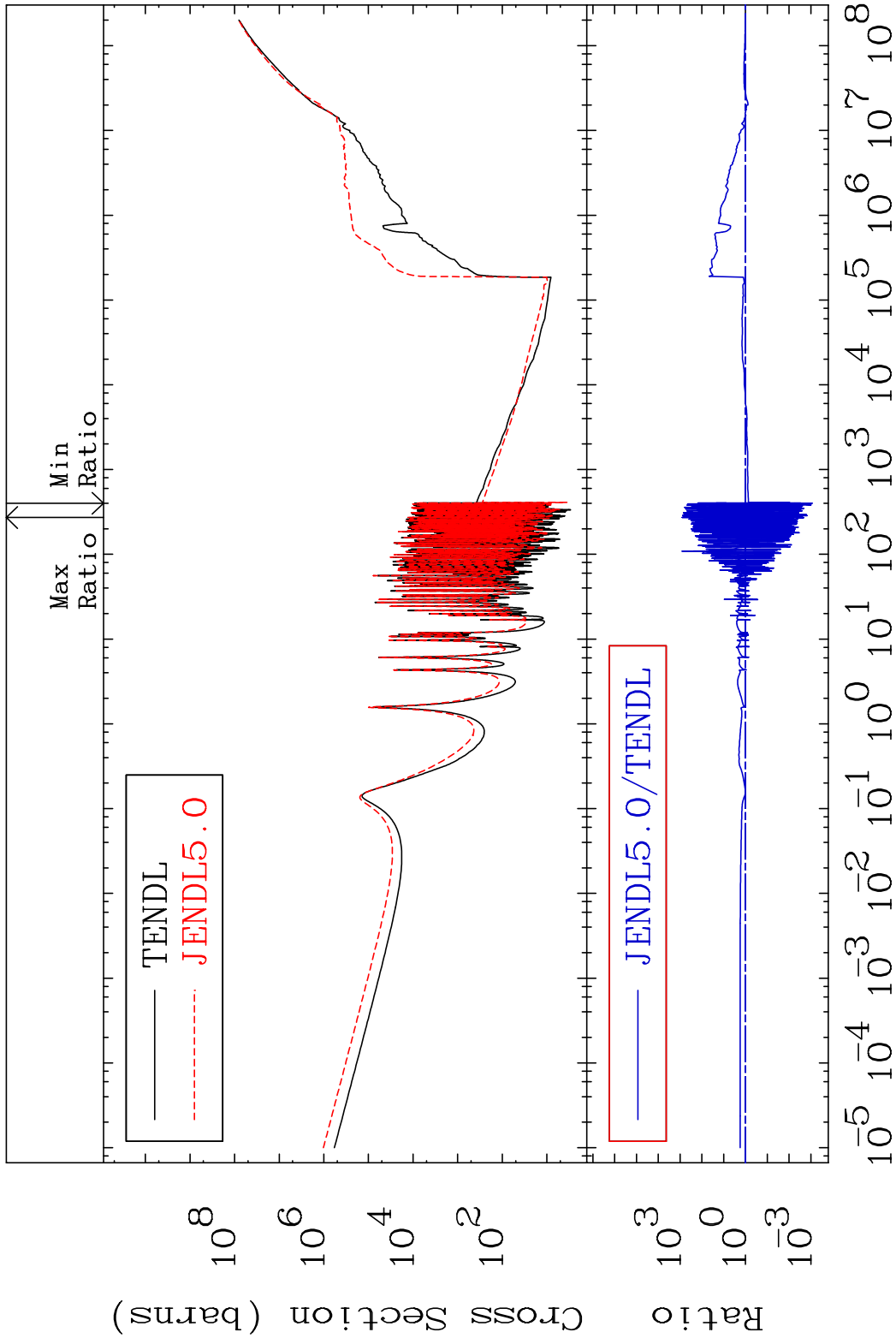
71-Lu-176

Cross Section

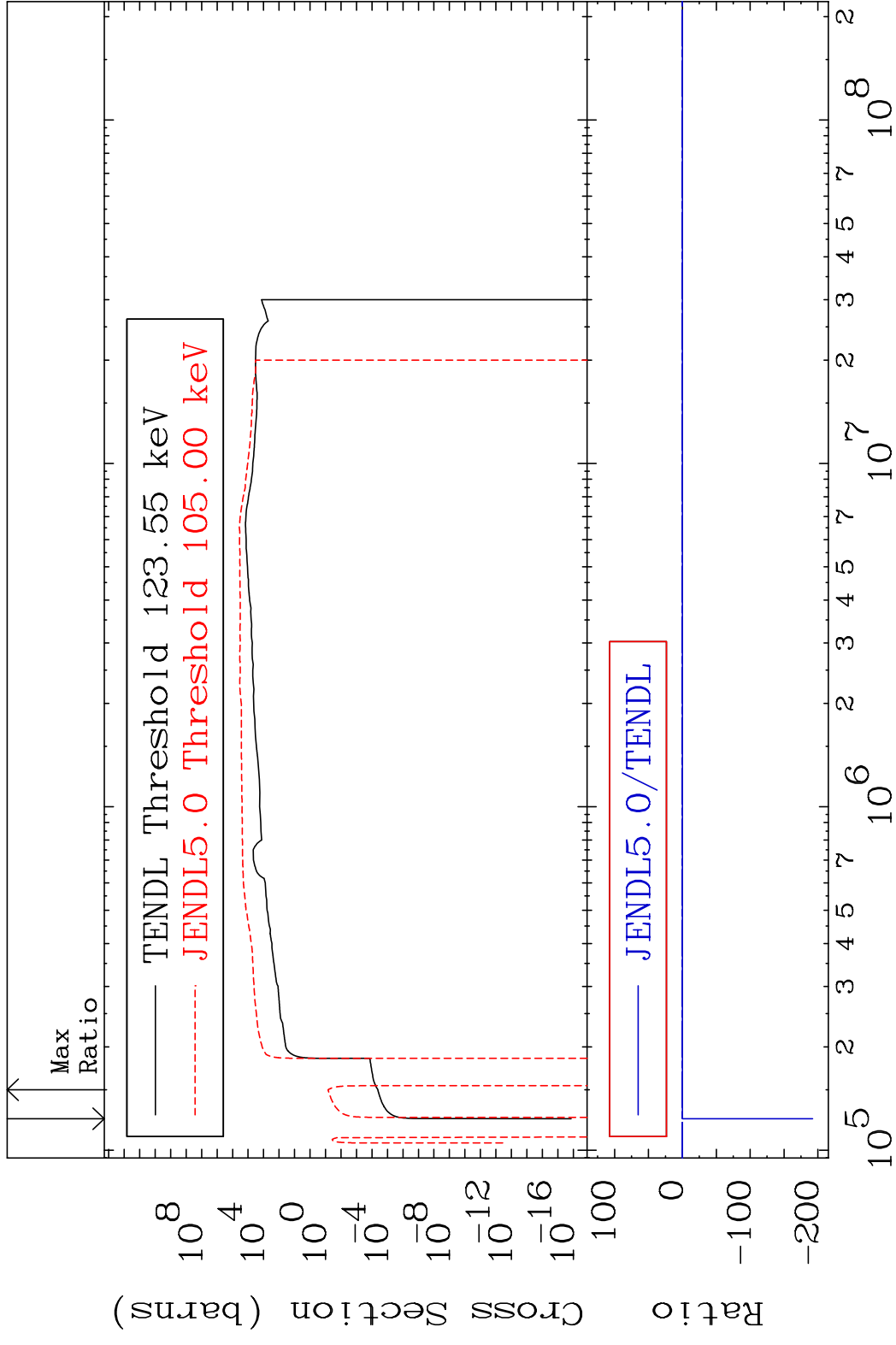
-99.68 To 9999. %



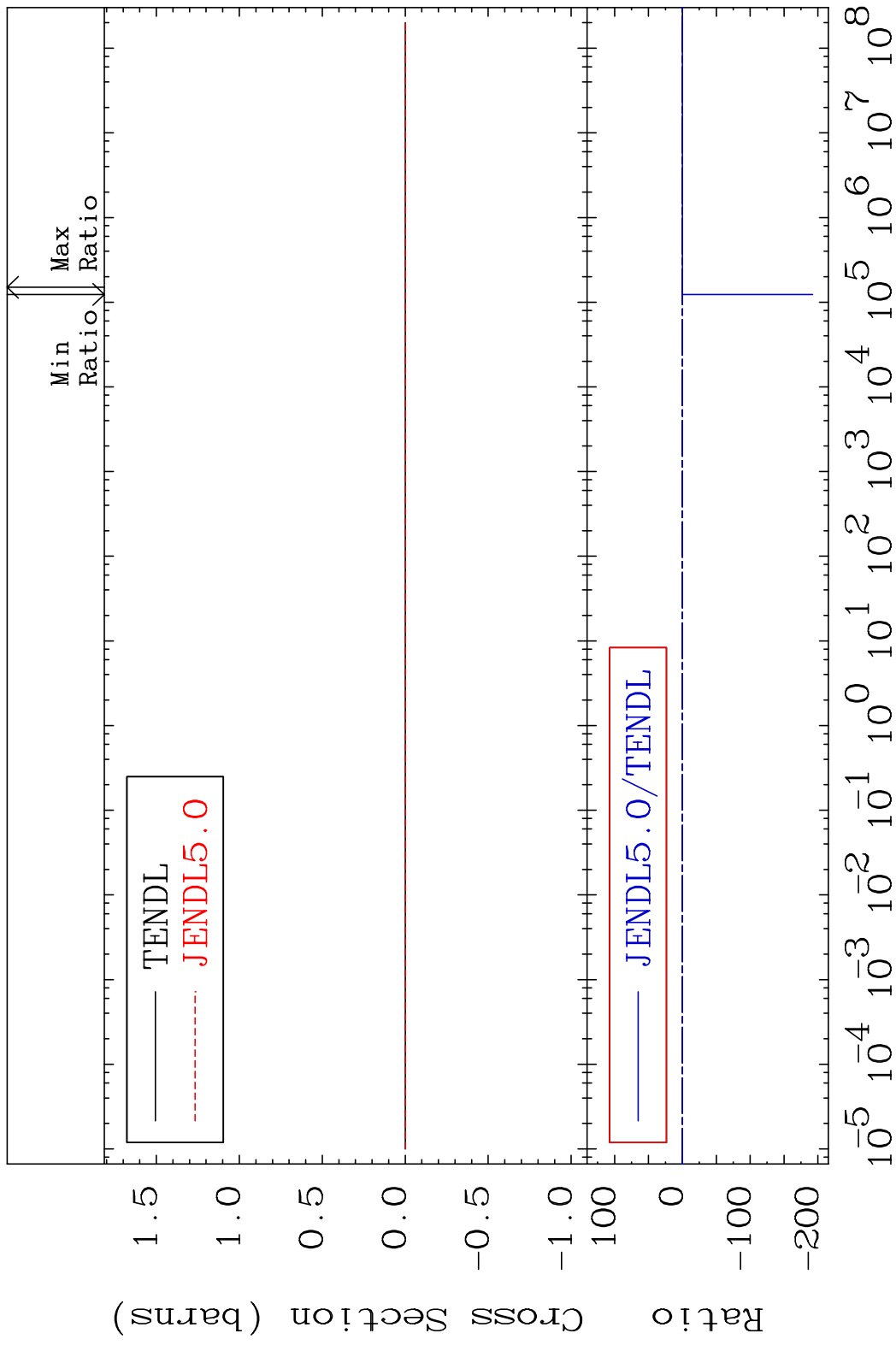
MAT 7128 Kerma non-elastic (all but mt2) 71-Lu-176
 Cross Section -99.92 To 9999. %



MAT 7128 Kerma inelastic (mt51-91) 71-Lu-176
 Cross Section -9999. To 9999. %



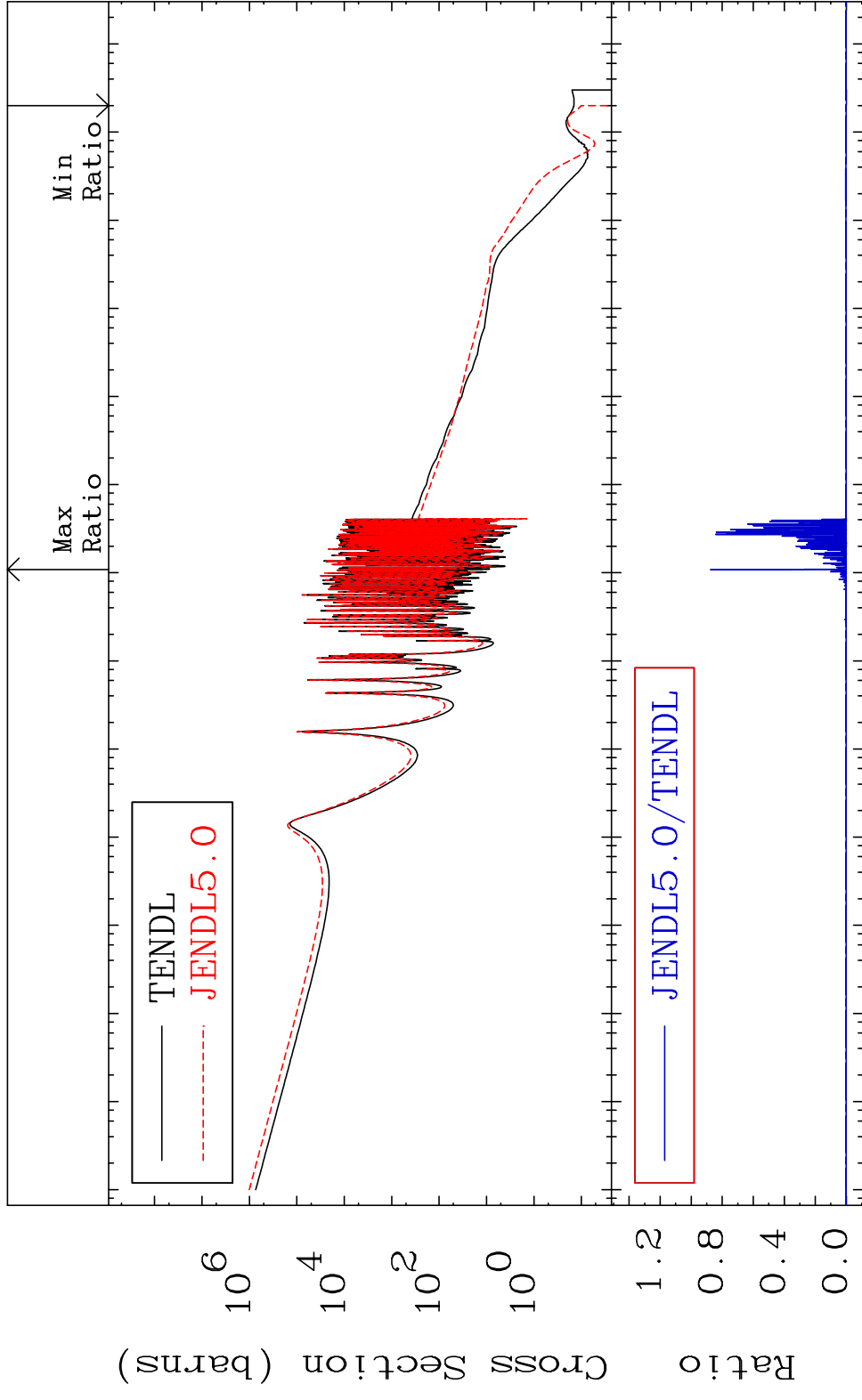
MAT 7128 Kerma fission (mt18 or mt19-20-21-38) 71-Lu-176
 Cross Section -9999. To 9999. %



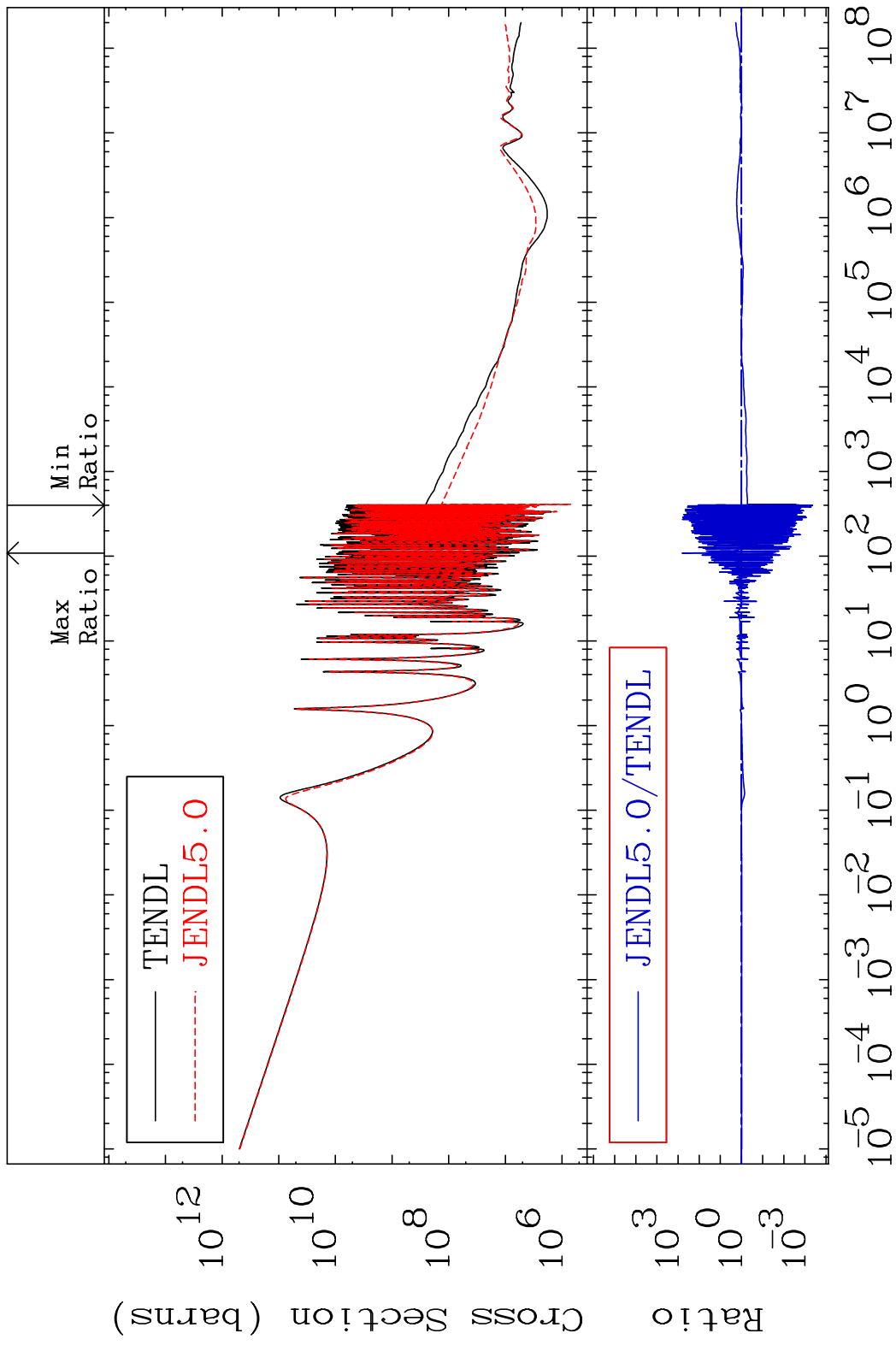
MAT 7128

Kerma capture (mt102) 71-Lu-176

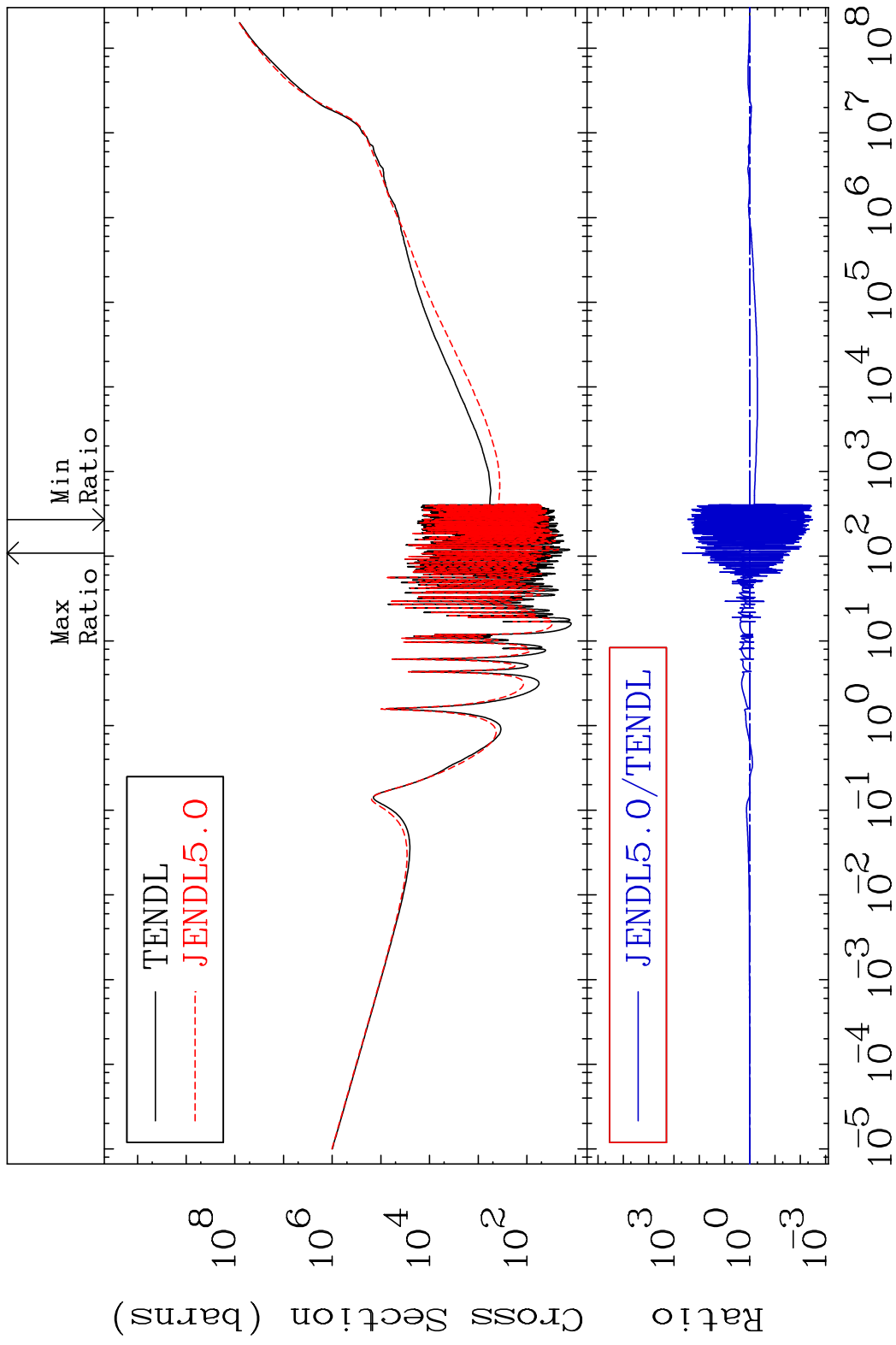
Cross Section -100.0 To 9999. %



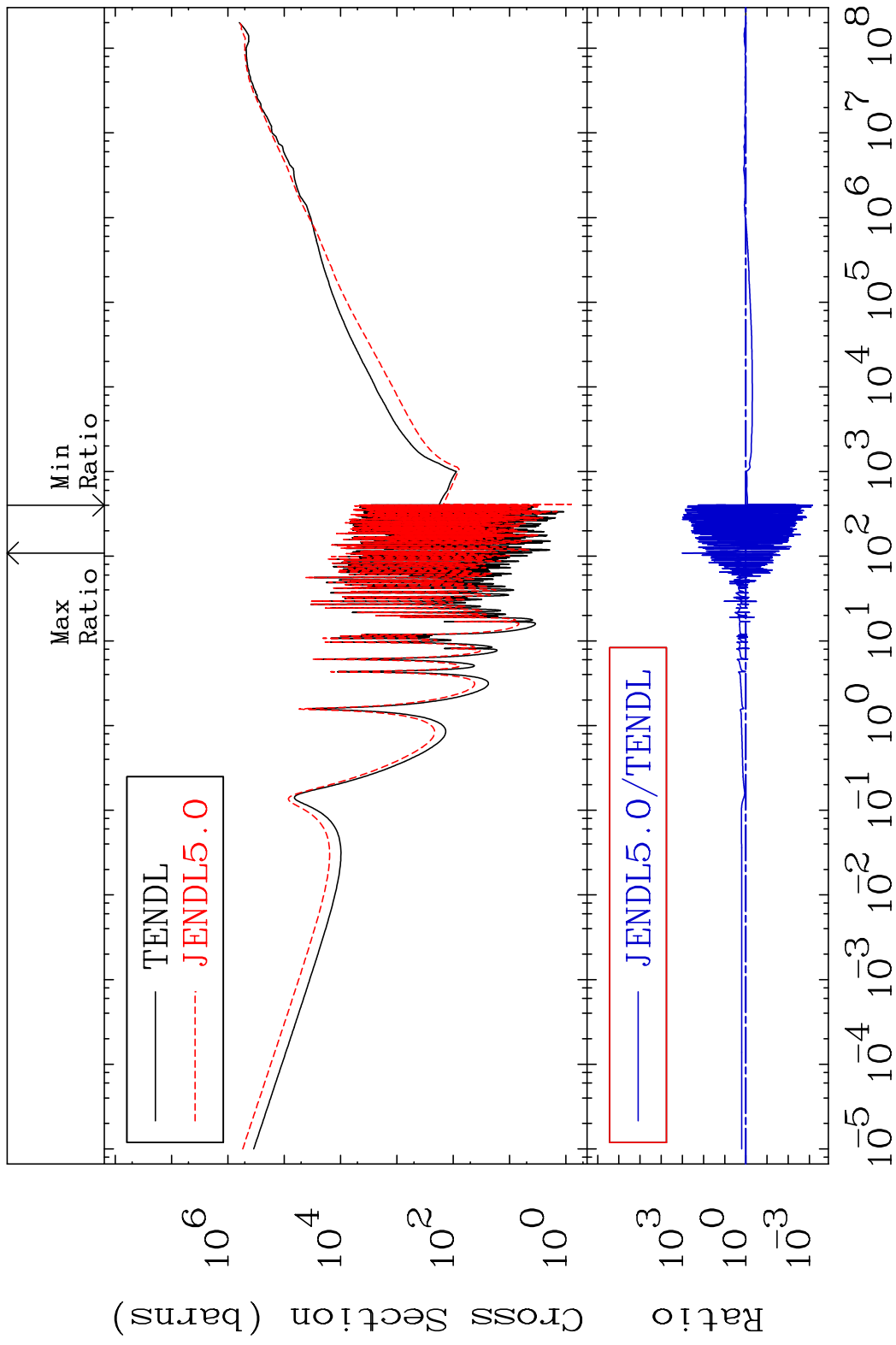
MAT 7128 Total photon (eV-barns) 71-Lu-176
Cross Section -99.96 To 9999. %



MAT 7128 Total kinematic kerma (high limit) 71-Lu-176
 Cross Section -99.67 To 9999. %



MAT 7128 Dpa total (eV-barns) 71-Lu-176
 Cross Section -99.93 To 9999. %

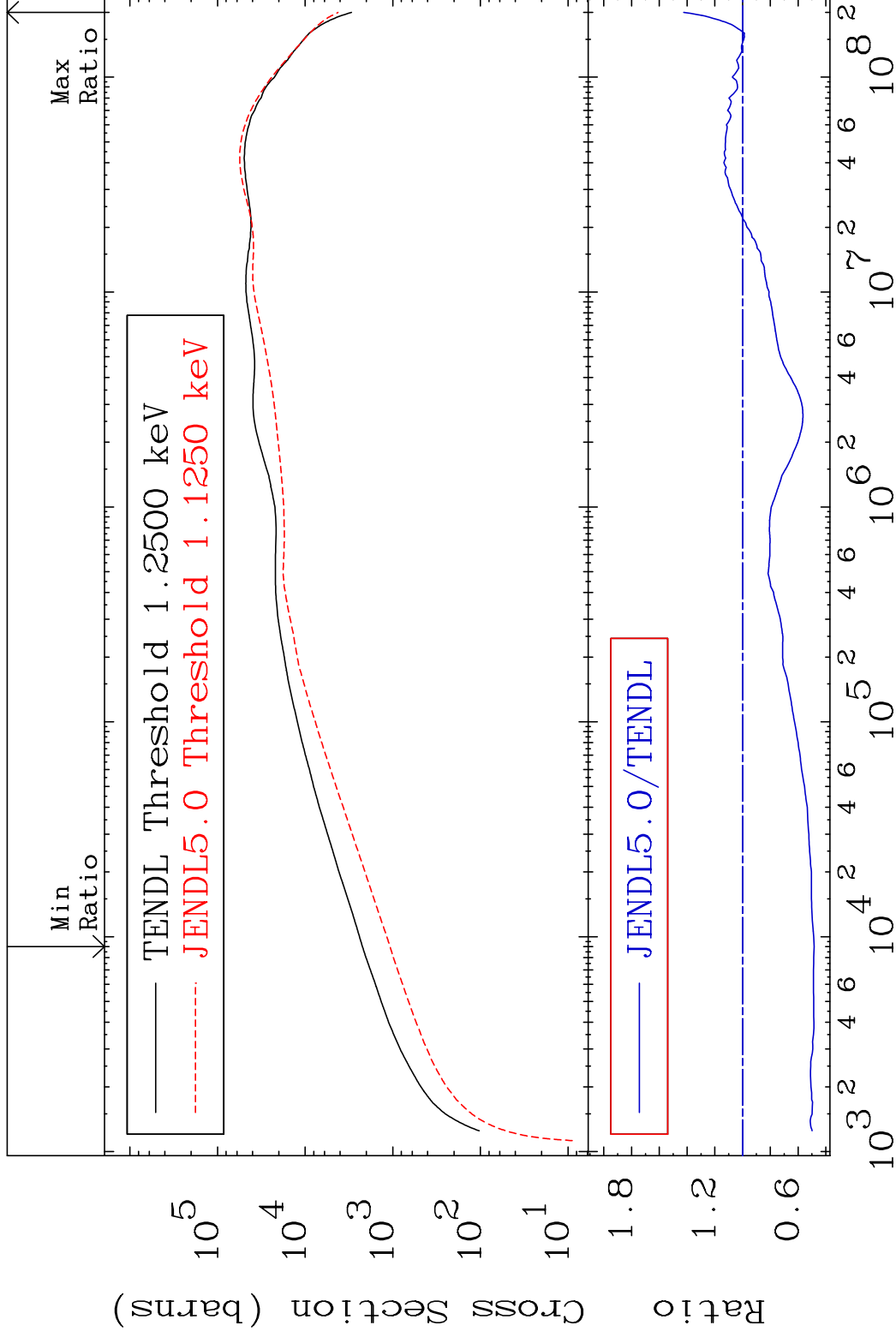


MAT 7128

Dpa elastic (mt2)

71-Lu-176

Cross Section -51.56 To 42.46 %

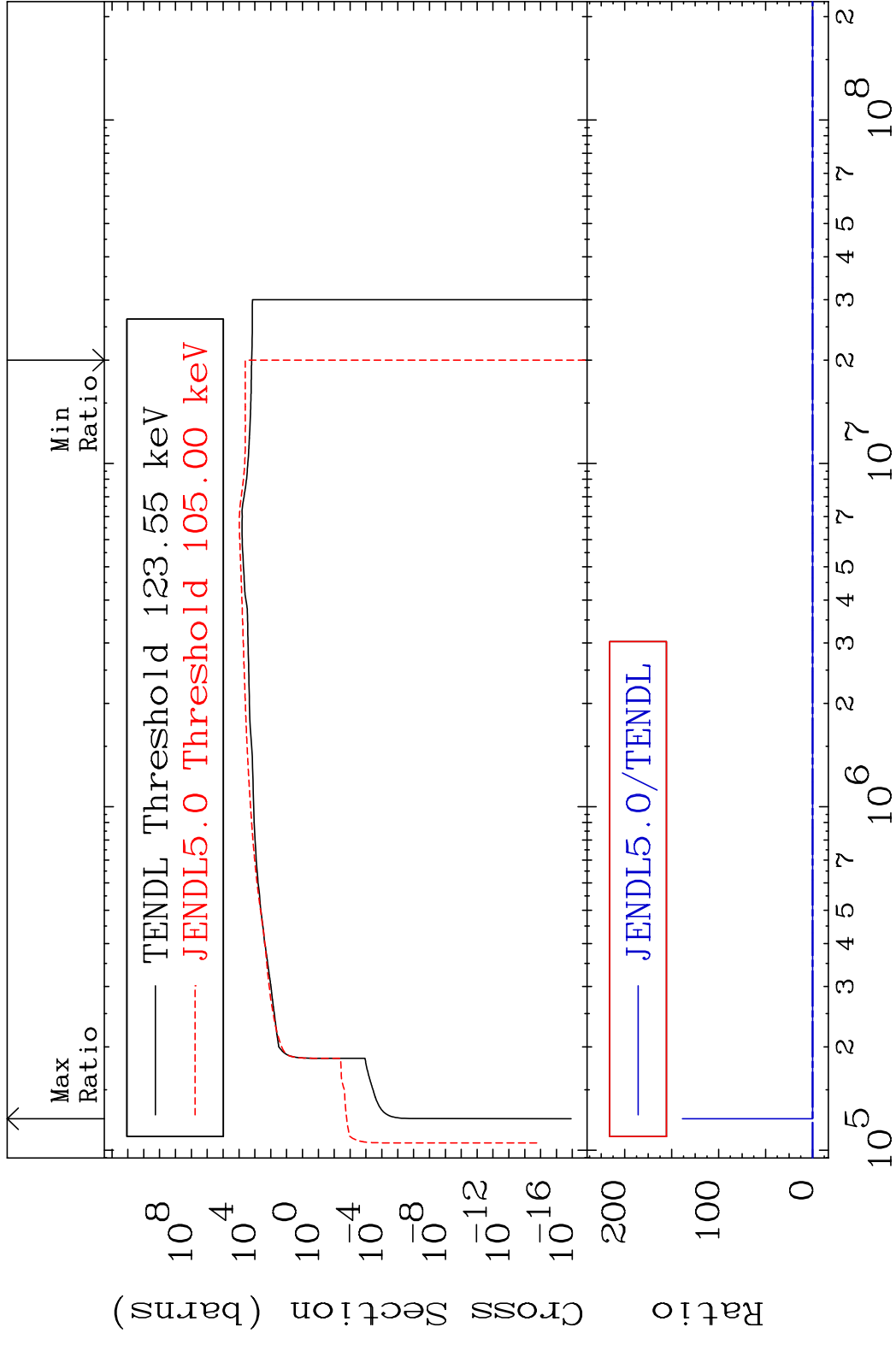


54

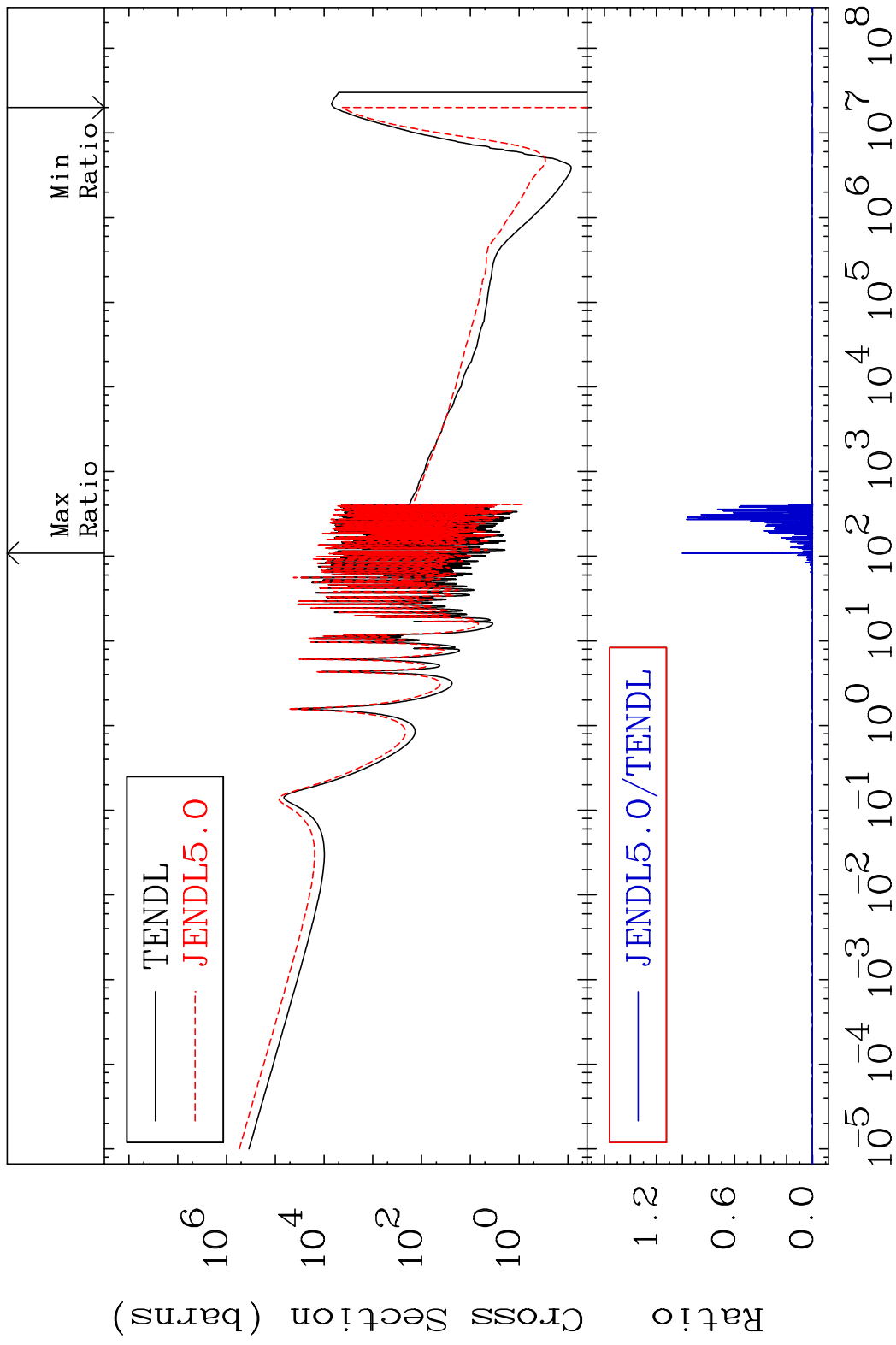
Incident Energy (eV)

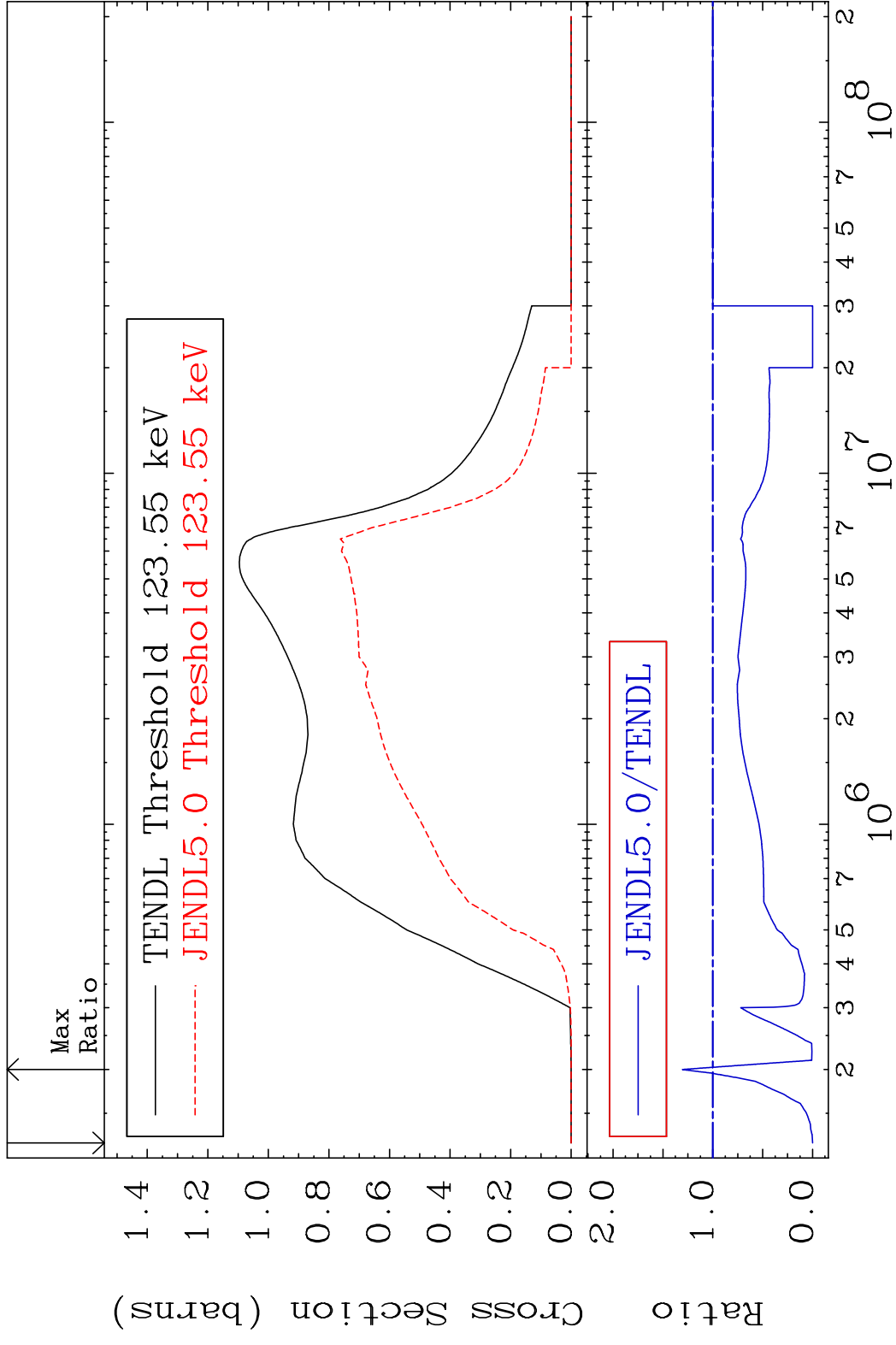
71-Lu-176

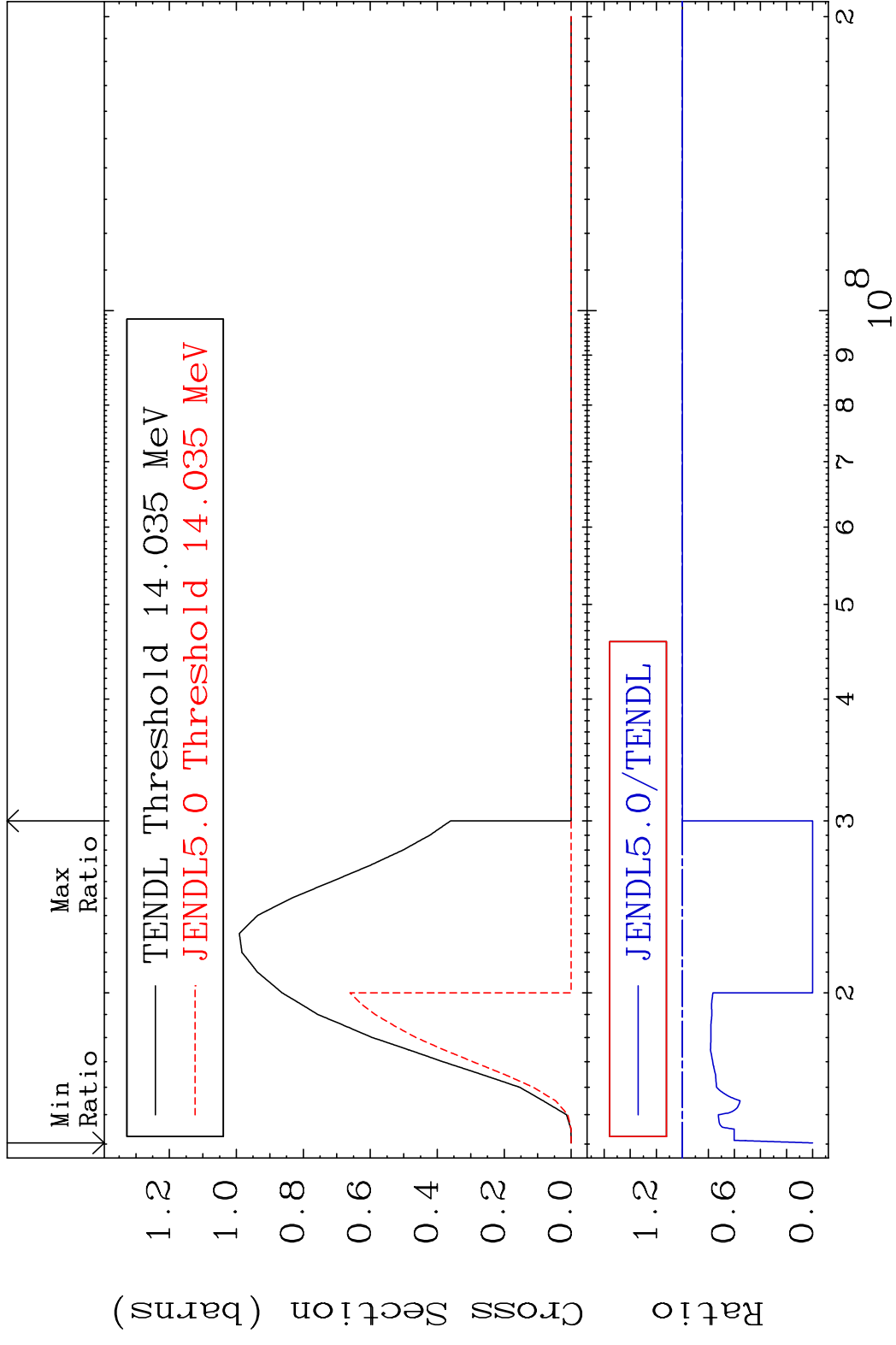
MAT 7128 Dpa inelastic (mt51-91) 71-Lu-176
 Cross Section -100.0 To 9999. %

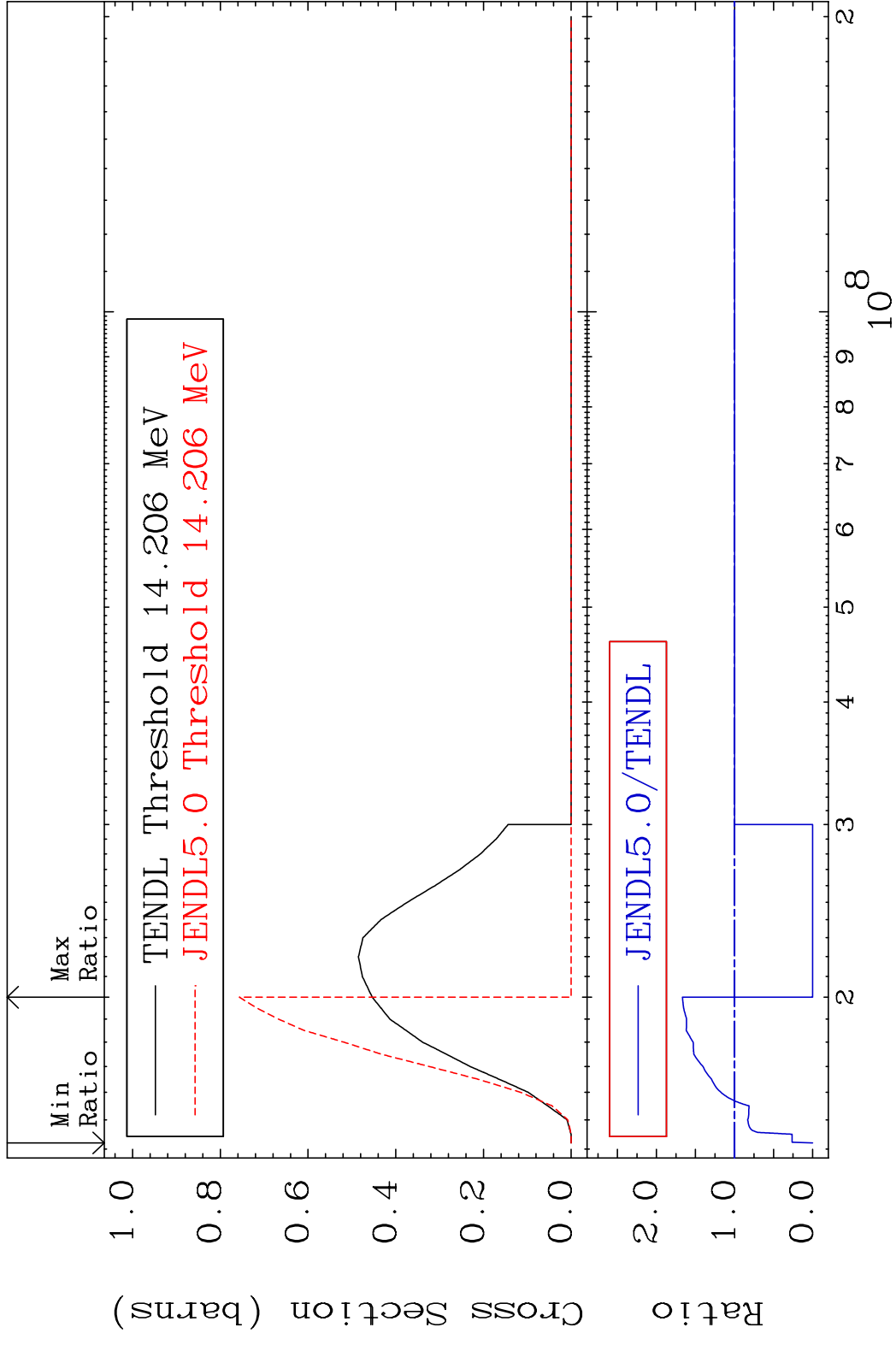


MAT 7128 Dpa disappearance (mt102 -120) 71-Lu-176
 Cross Section -100.0 To 9999. %







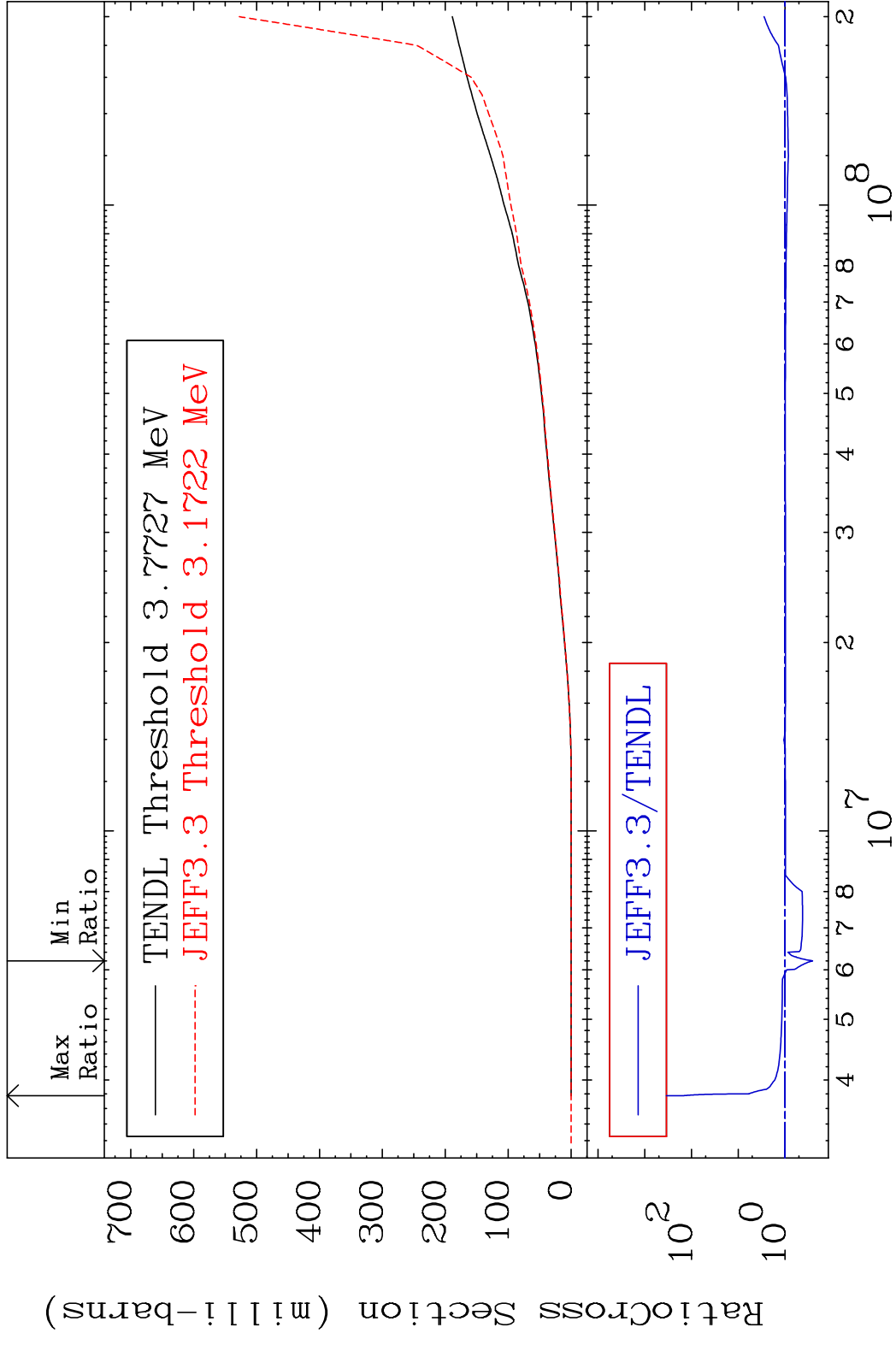


MAT 7128

Deuterium Production

71-Lu-176

Cross Section -74.36 To 9999. %

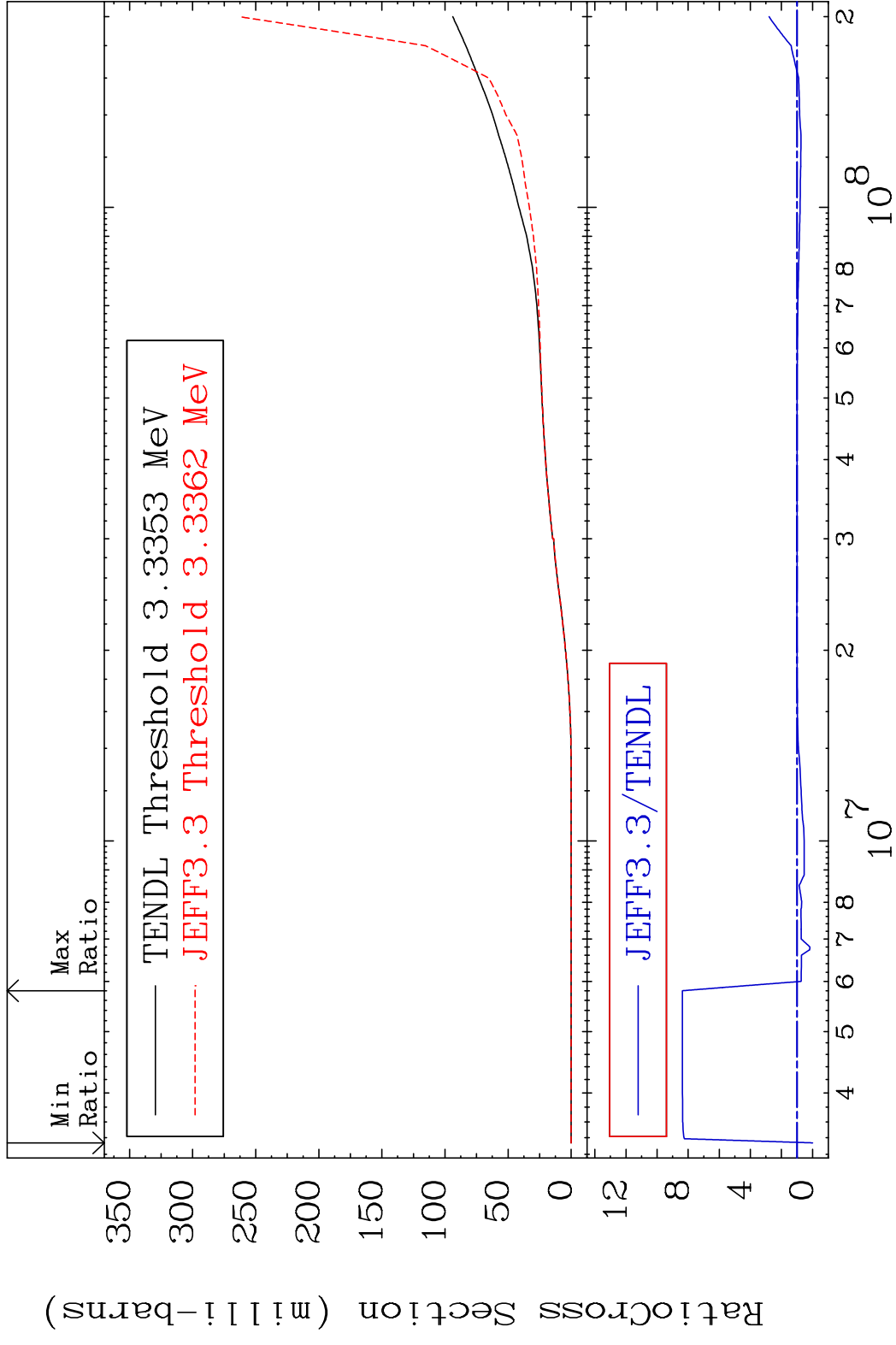


MAT 7128

Tritium Production

71-Lu-176

Cross Section -100.0 To 737.4 %

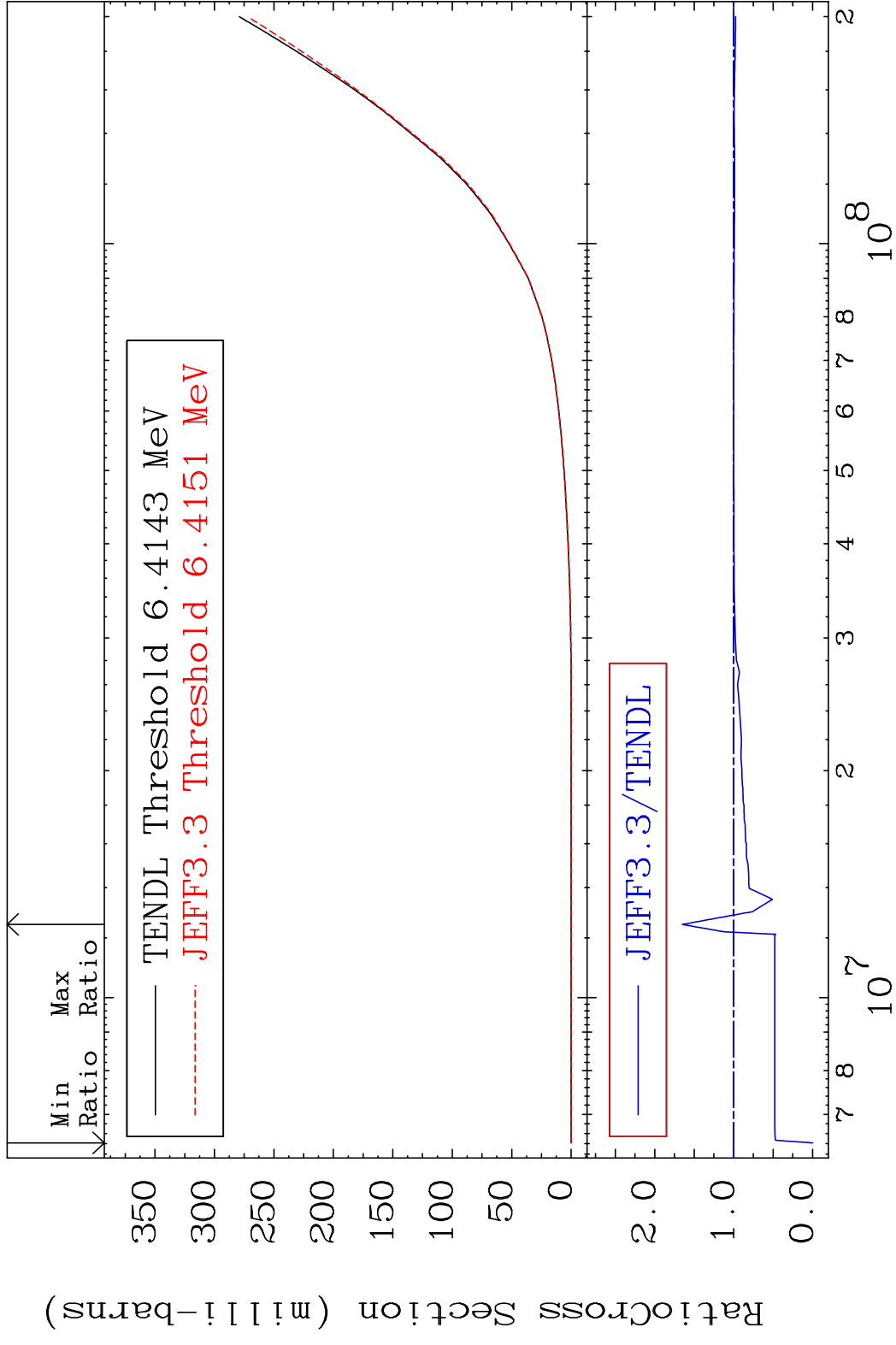


MAT 7128

He-3 Production

71-Lu-176

Cross Section -100.0 To 65.02 %

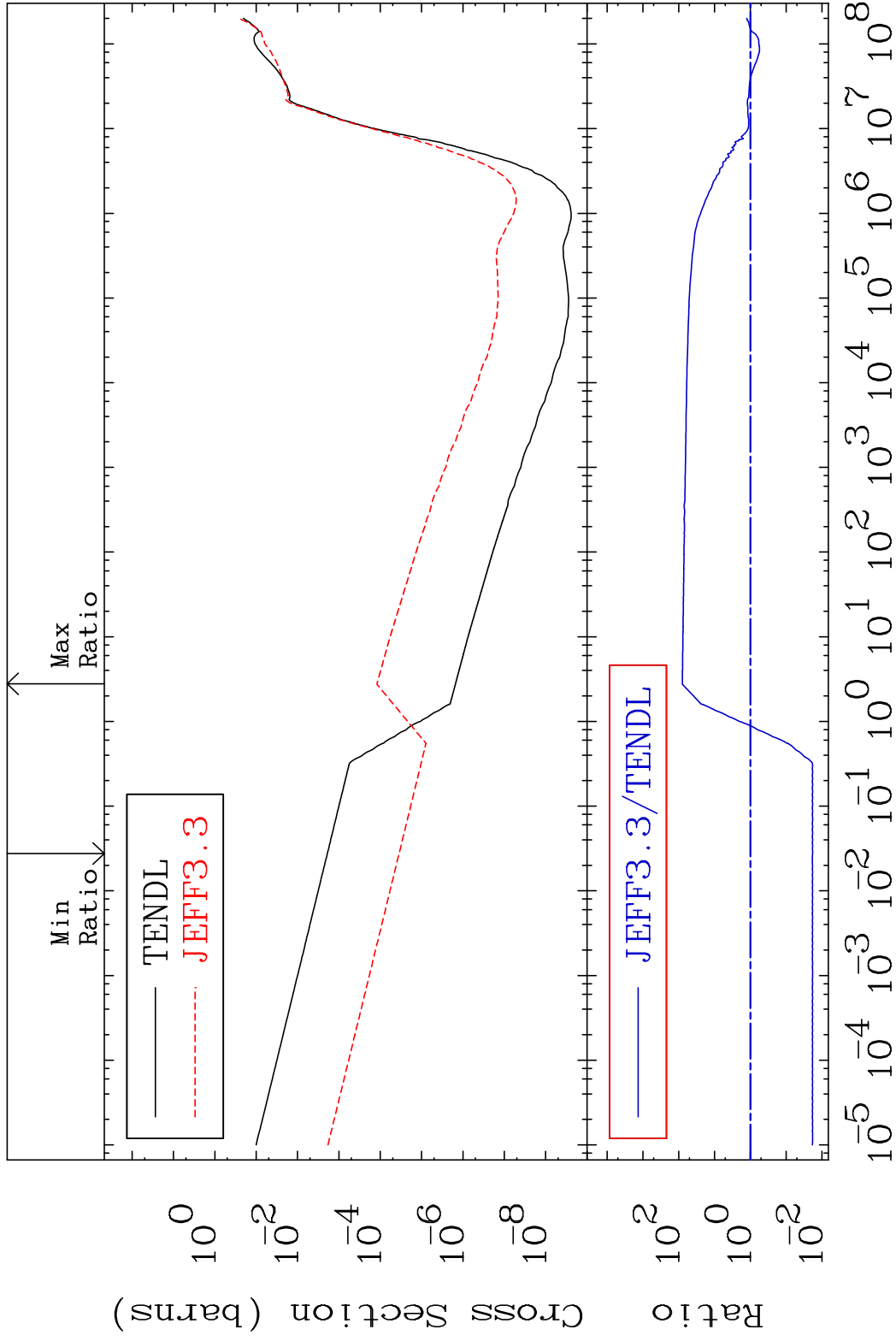


MAT 7128

He-4 Production

71-Lu-176

Cross Section -98.17 To 7830. %



63

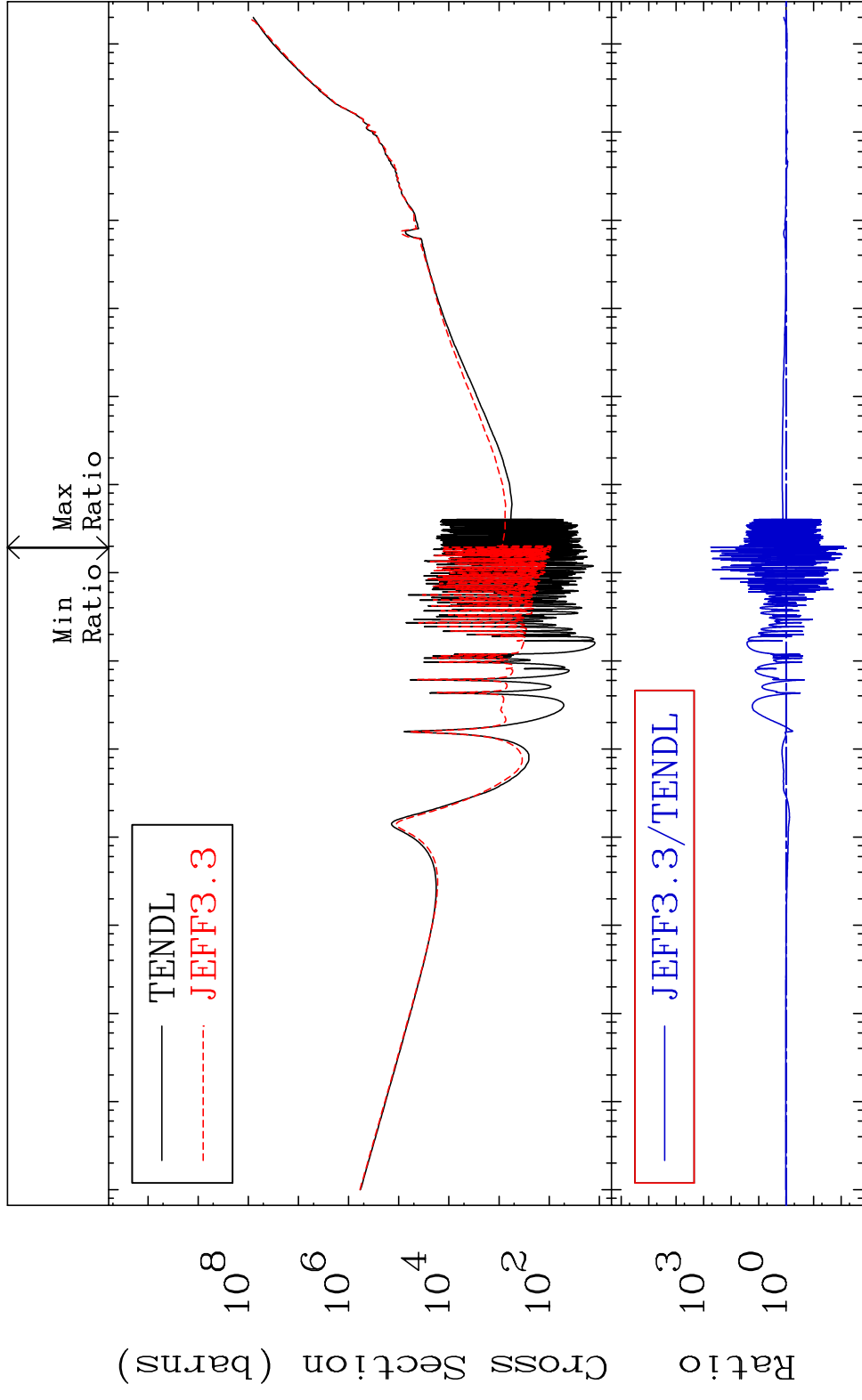
Incident Energy (eV)

71-Lu-176

MAT 7128

Kerma total (eV-barns) 71-Lu-176

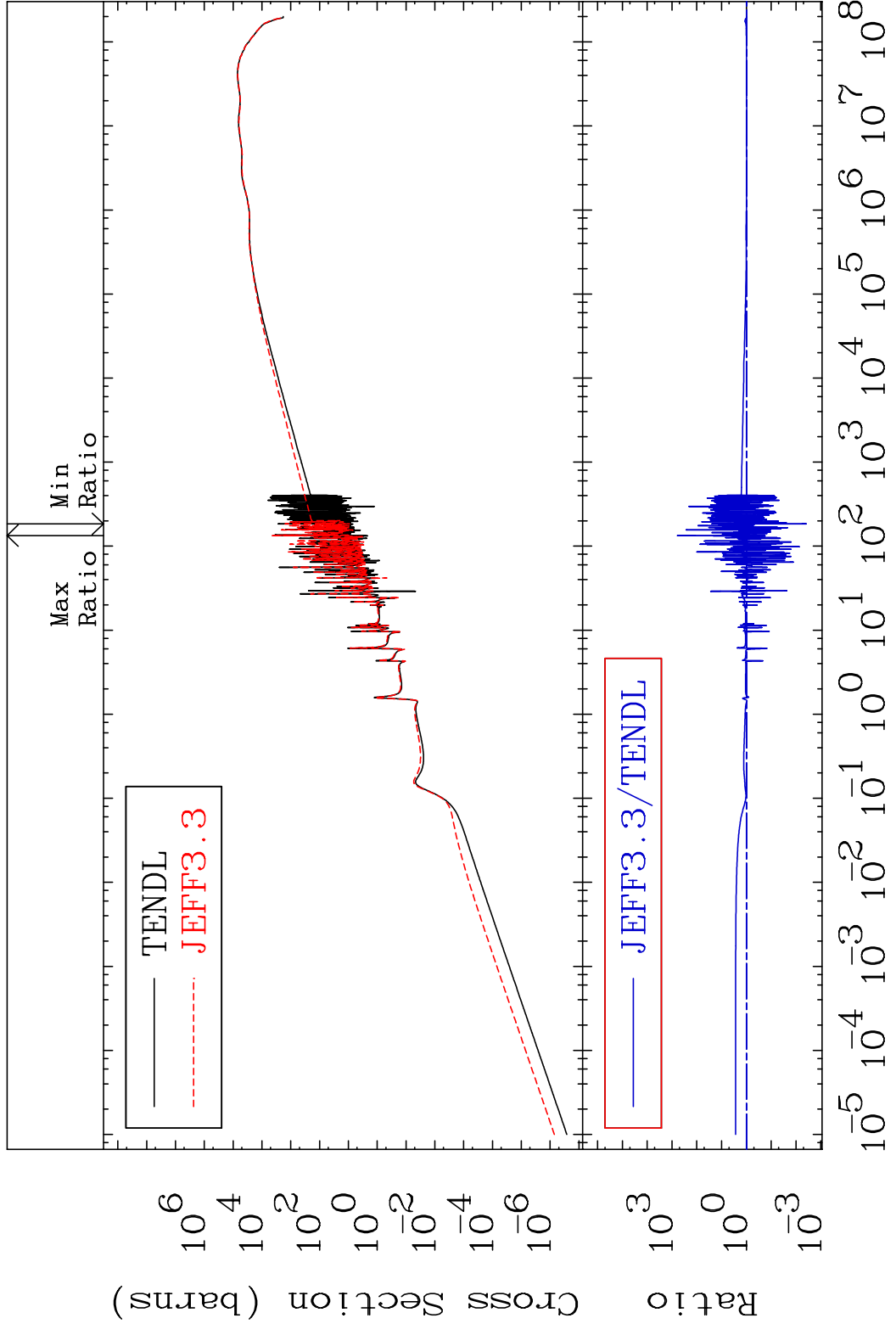
Cross Section -99.35 To 9999. %



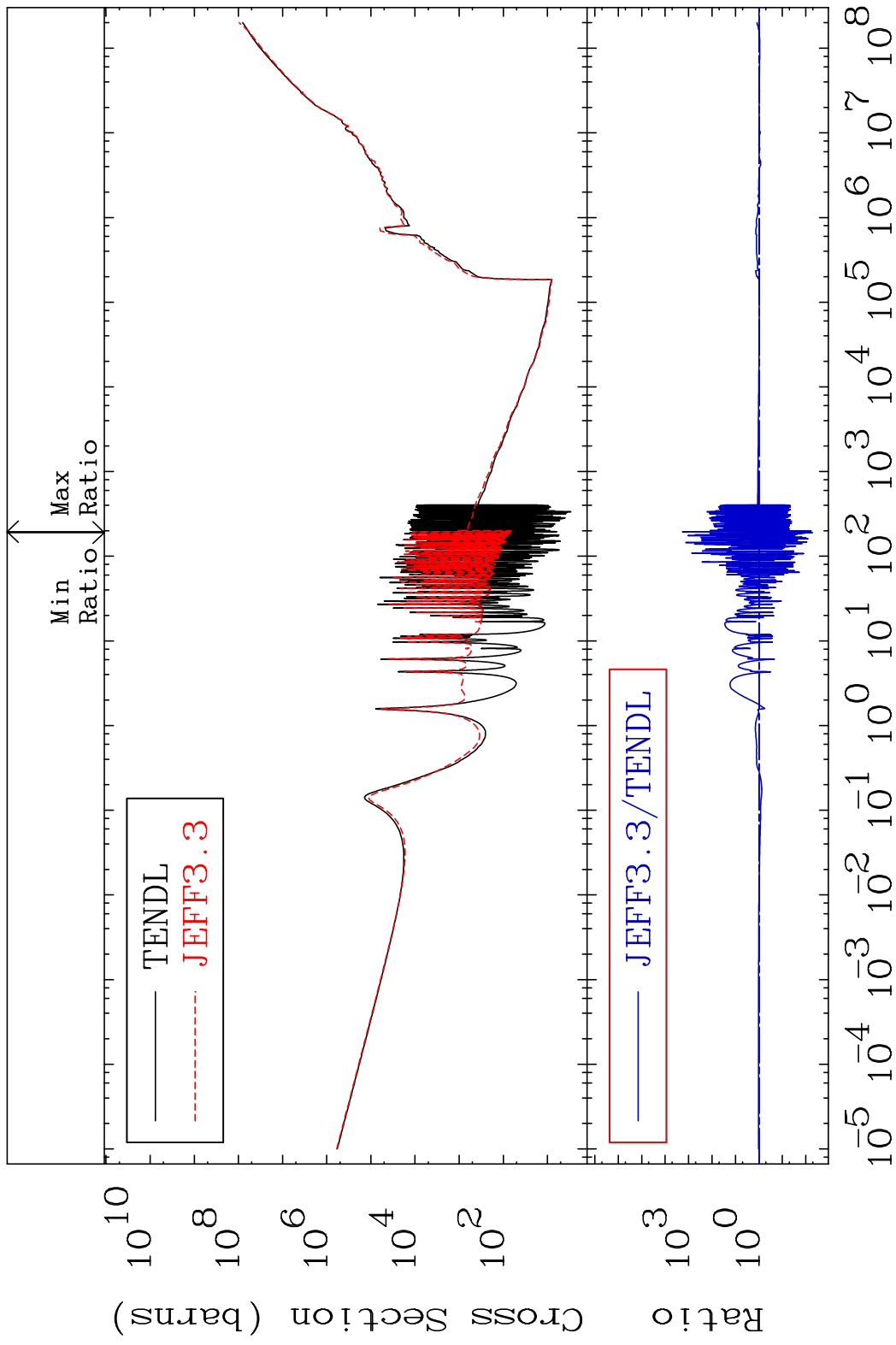
MAT 7128

Kerma elastic
Cross Section

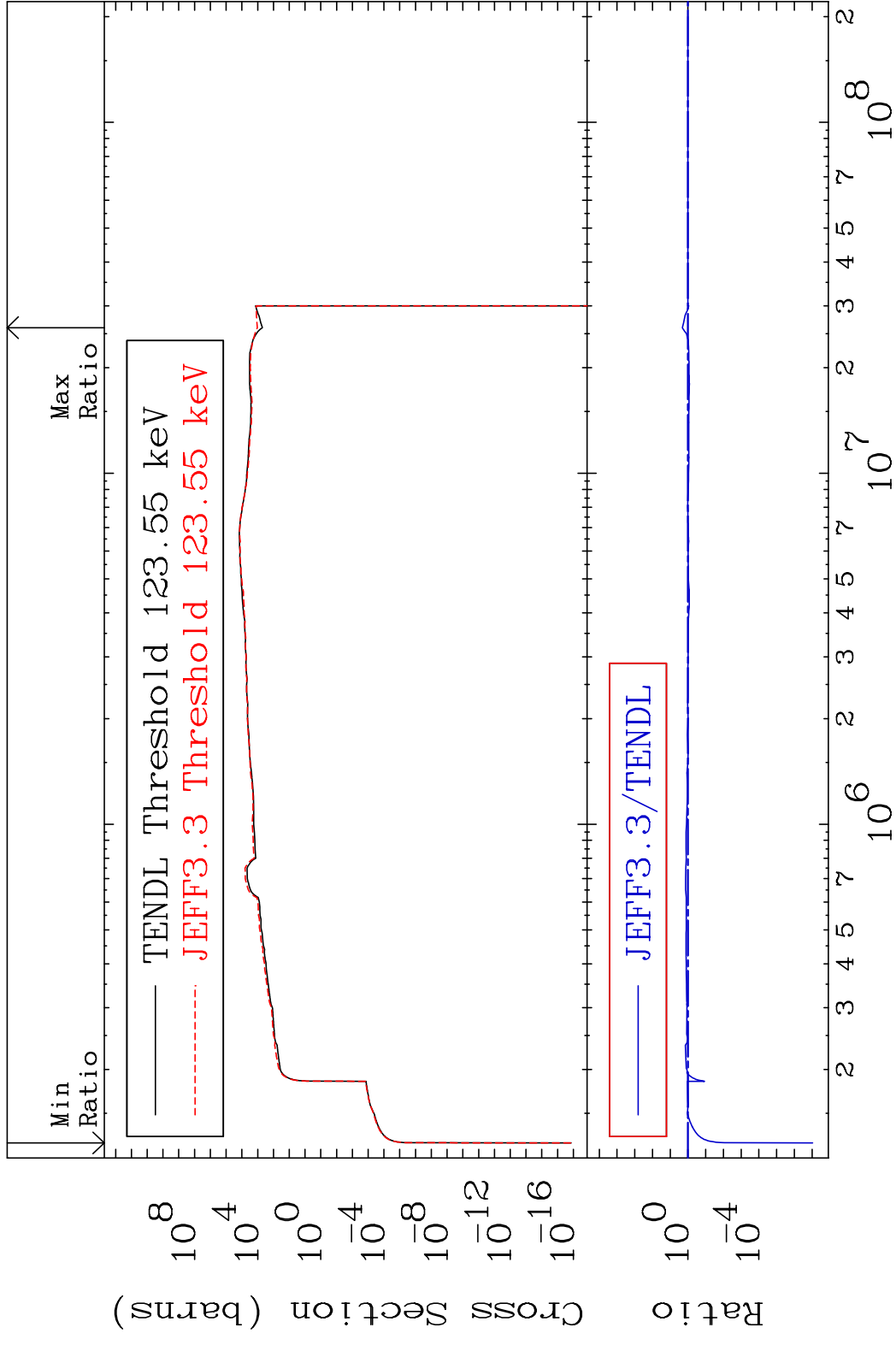
71-Lu-176
-99.62 To 9999. %



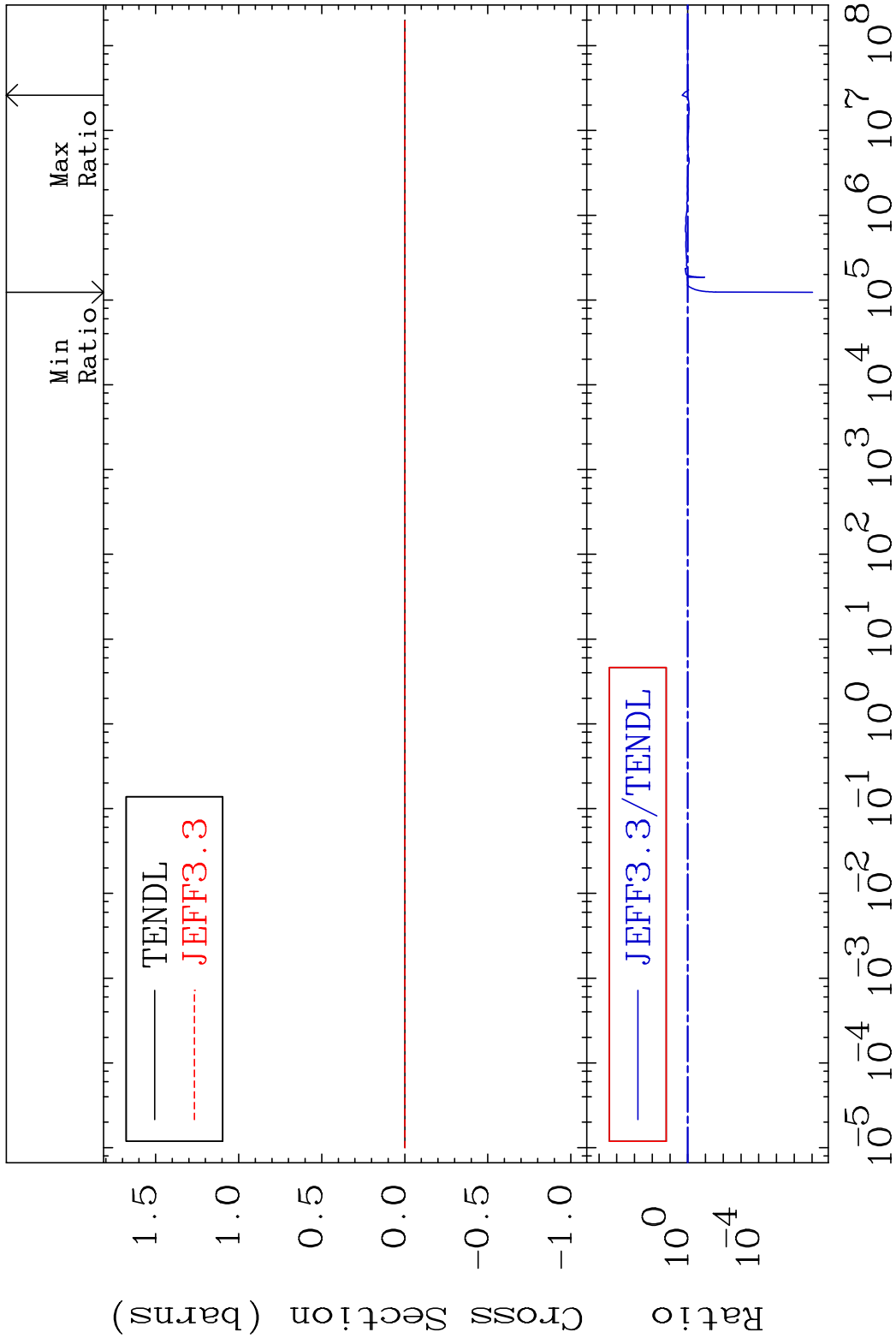
MAT 7128 Kerma non-elastic (all but mt2) 71-Lu-176
 Cross Section -99.48 To 9999. %



MAT 7128 Kerma inelastic (mt51-91) 71-Lu-176
 Cross Section -100.0 To 107.1 %

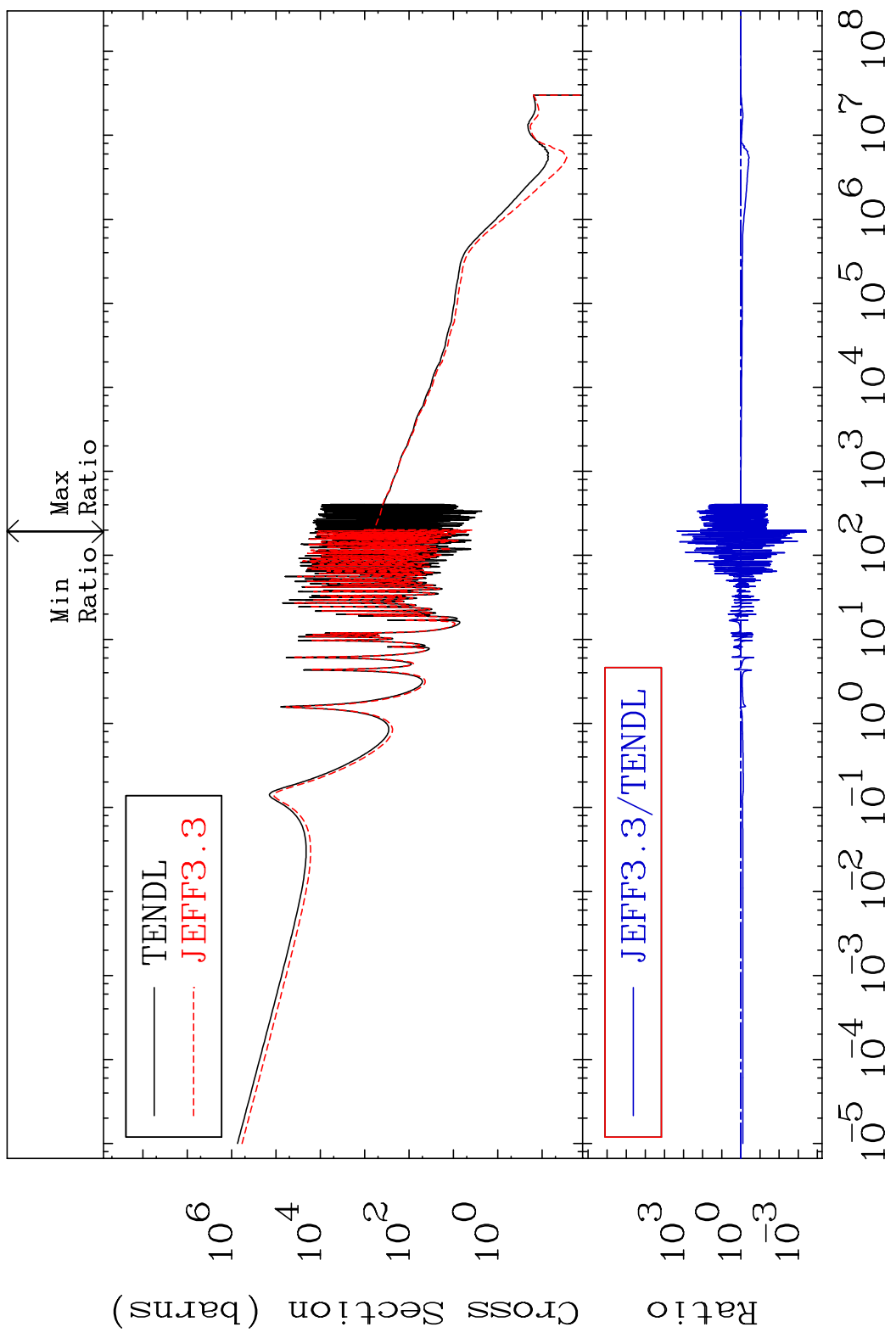


MAT 7128 Kerma fission (mt18 or mt19-20-21-38) 71-Lu-176
 Cross Section -100.0 To 107.1 %



MAT 7128

Kerma capture (mt102) 71-Lu-176
Cross Section -99.96 To 9999. %

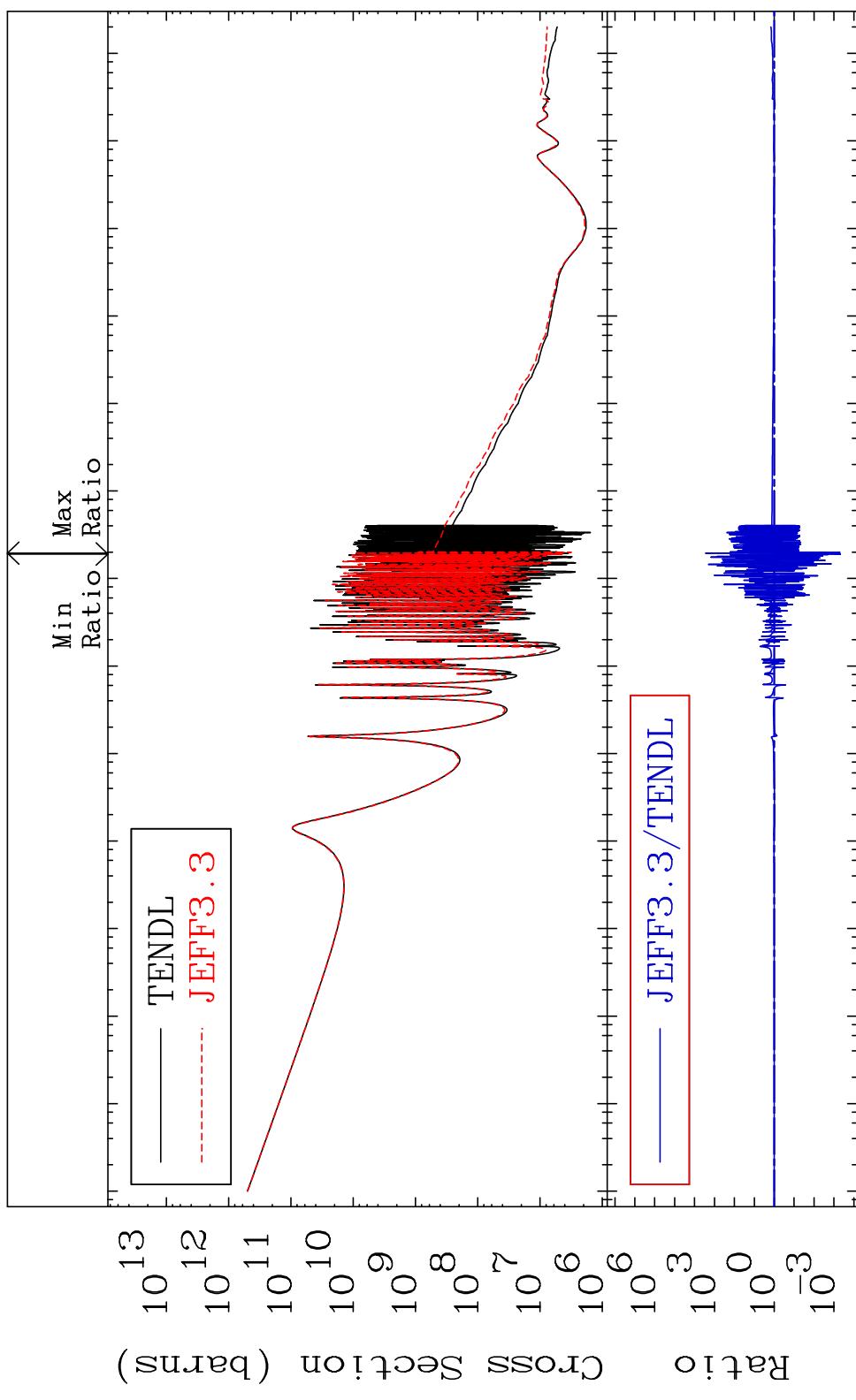


MAT 7128

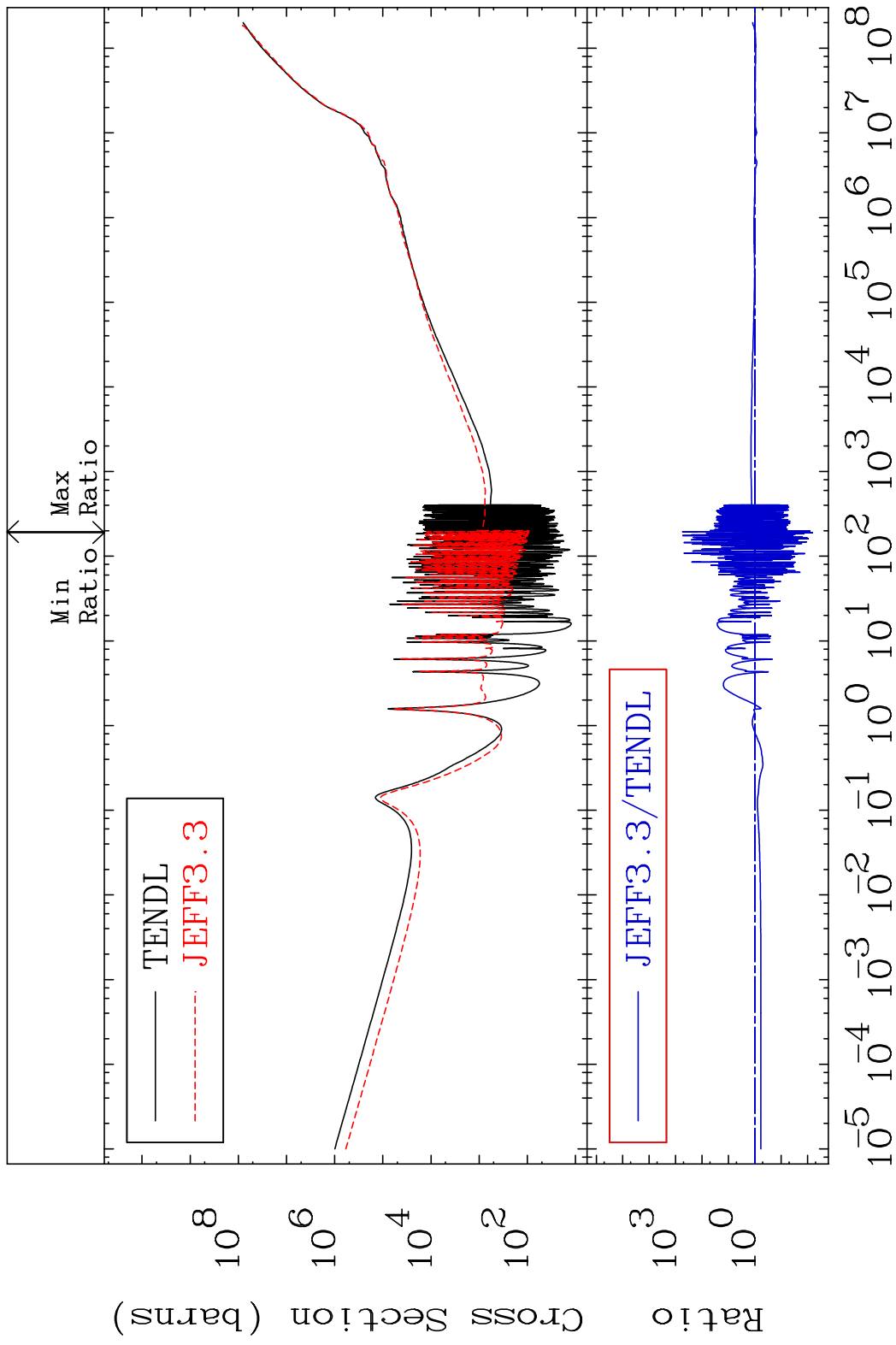
Total photon (eV-barns)

71-Lu-176

Cross Section -99.95 To 9999. %



MAT 7128 Total kinematic kerma (high limit) 71-Lu-176
 Cross Section -99.35 To 9999. %

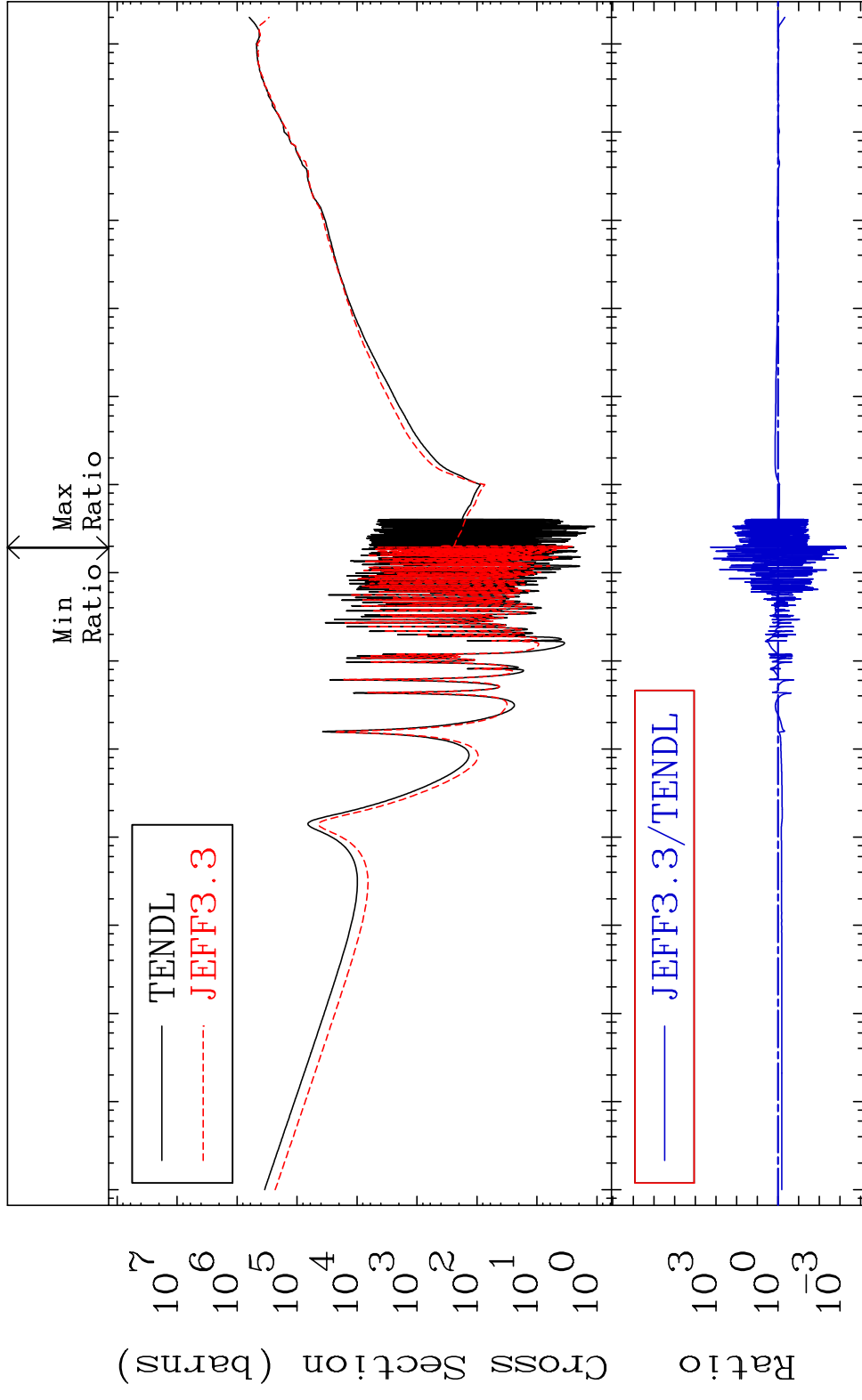


MAT 7128

Dpa total (eV-barns)

71-Lu-176

Cross Section -99.95 To 9999. %



72

Incident Energy (eV)

71-Lu-176

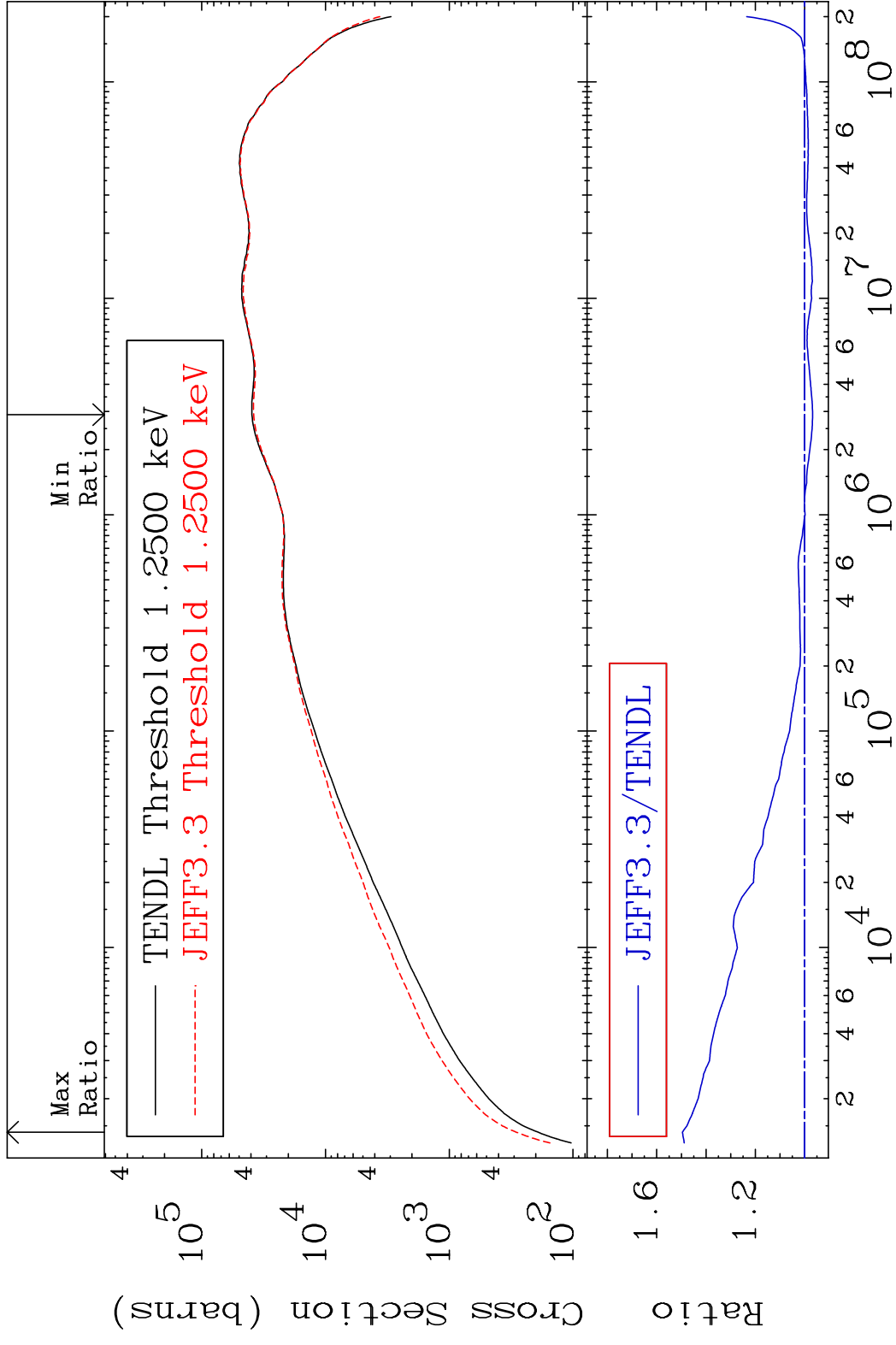
MAT 7128

Dpa elastic (mt2)

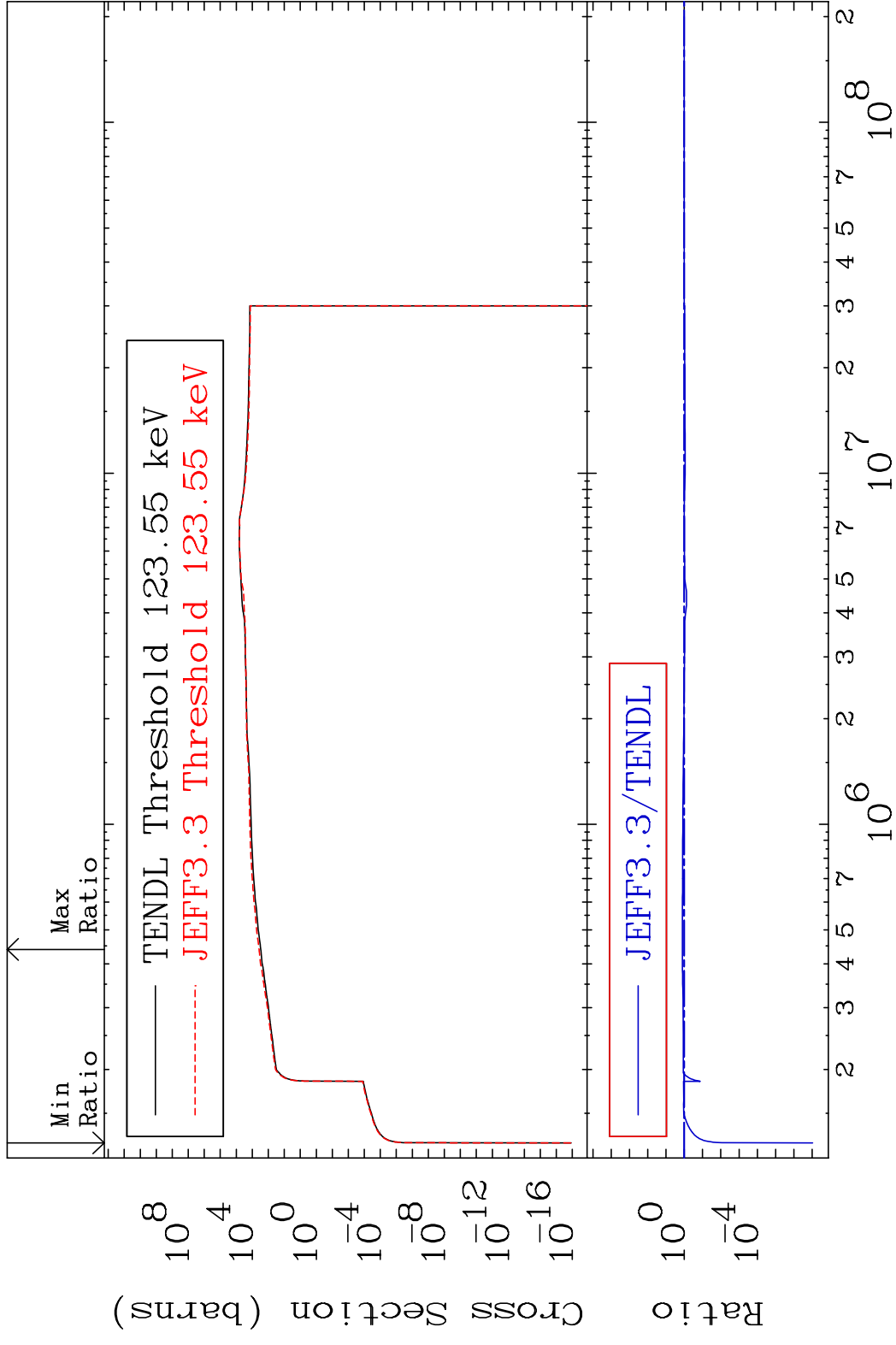
71-Lu-176

Cross Section

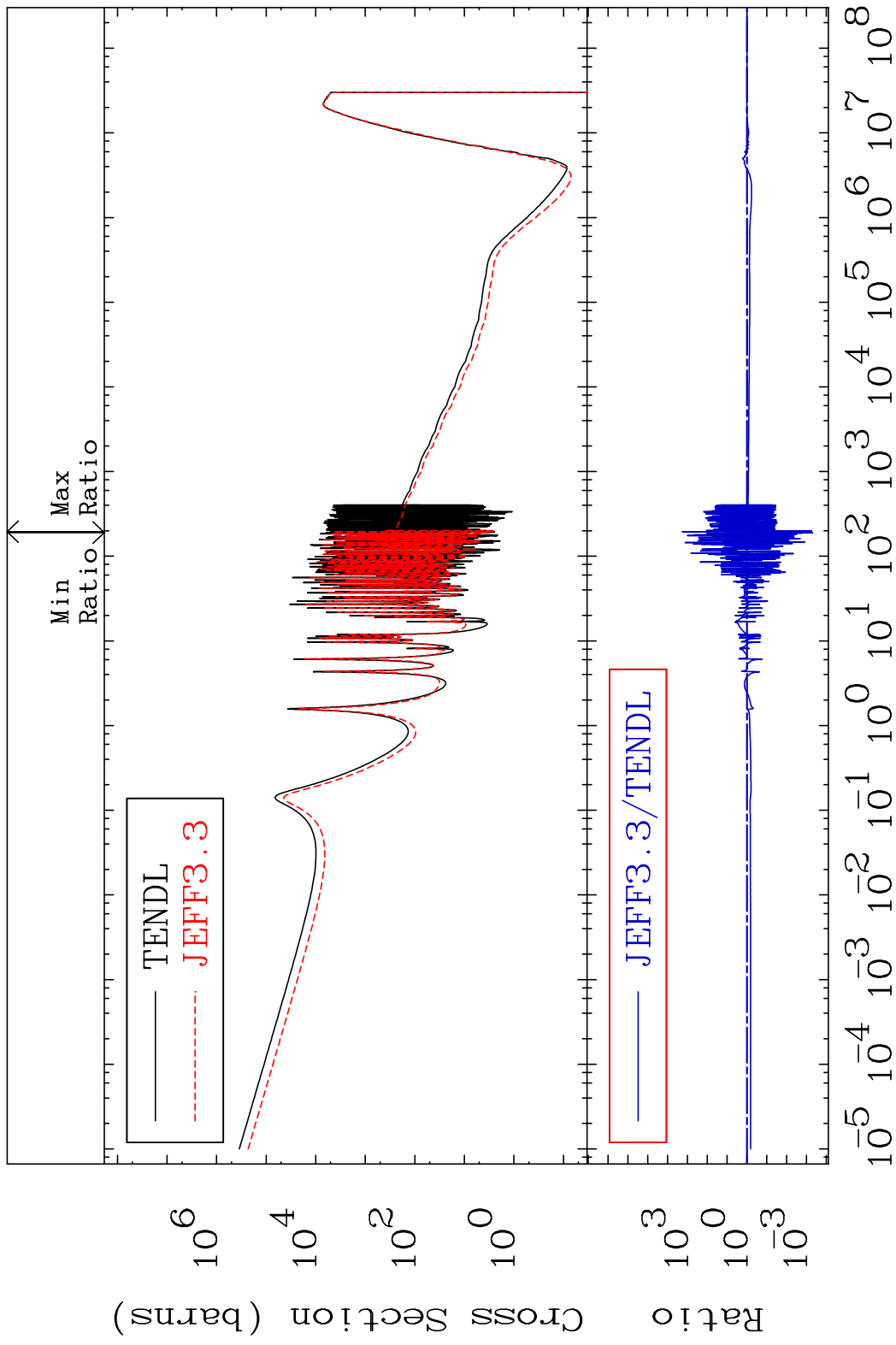
-3.201 To 49.61 %



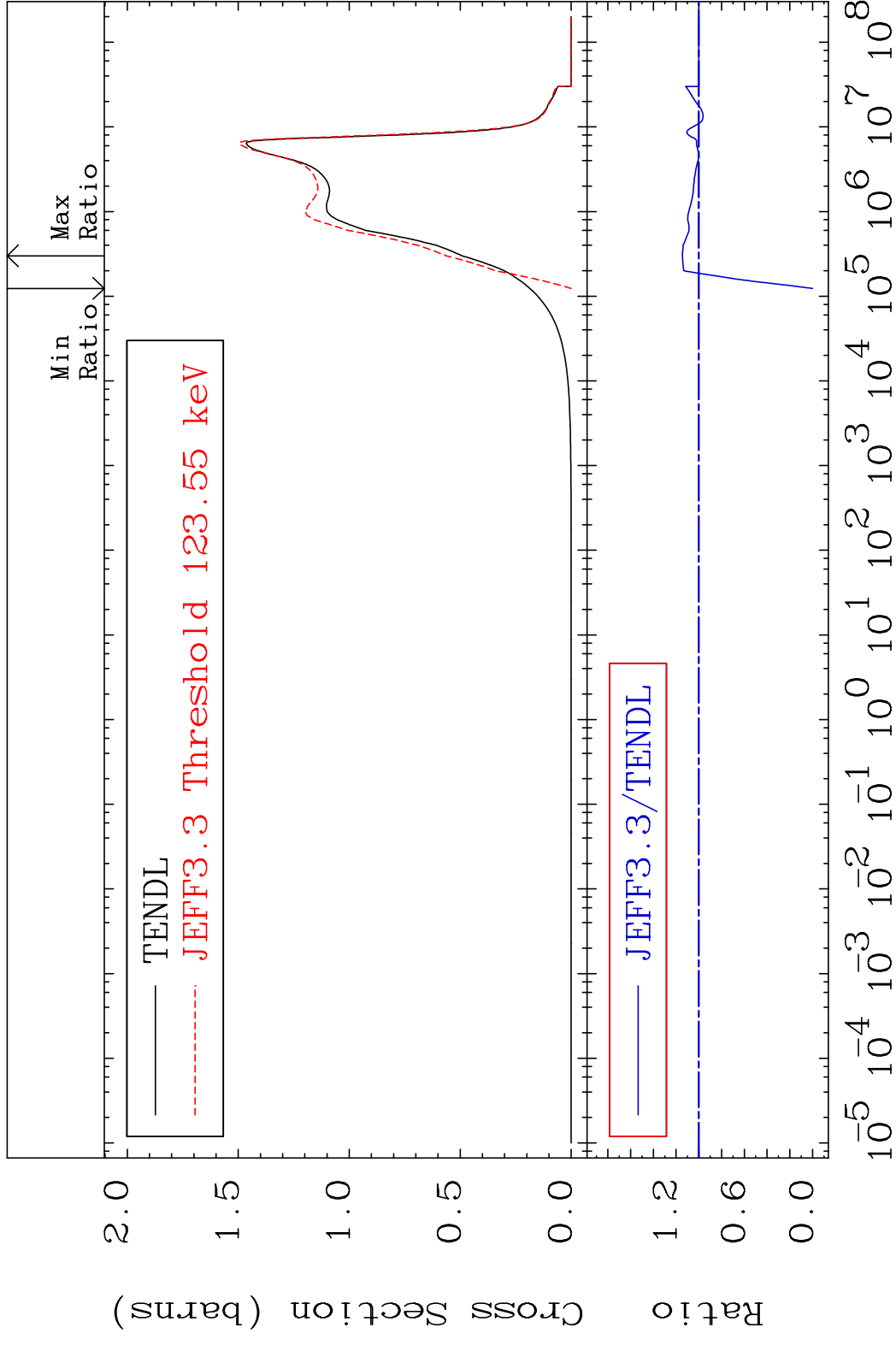
MAT 7128 Dpa inelastic (mt51-91) 71-Lu-176
 Cross Section -100.0 To 27.02 %

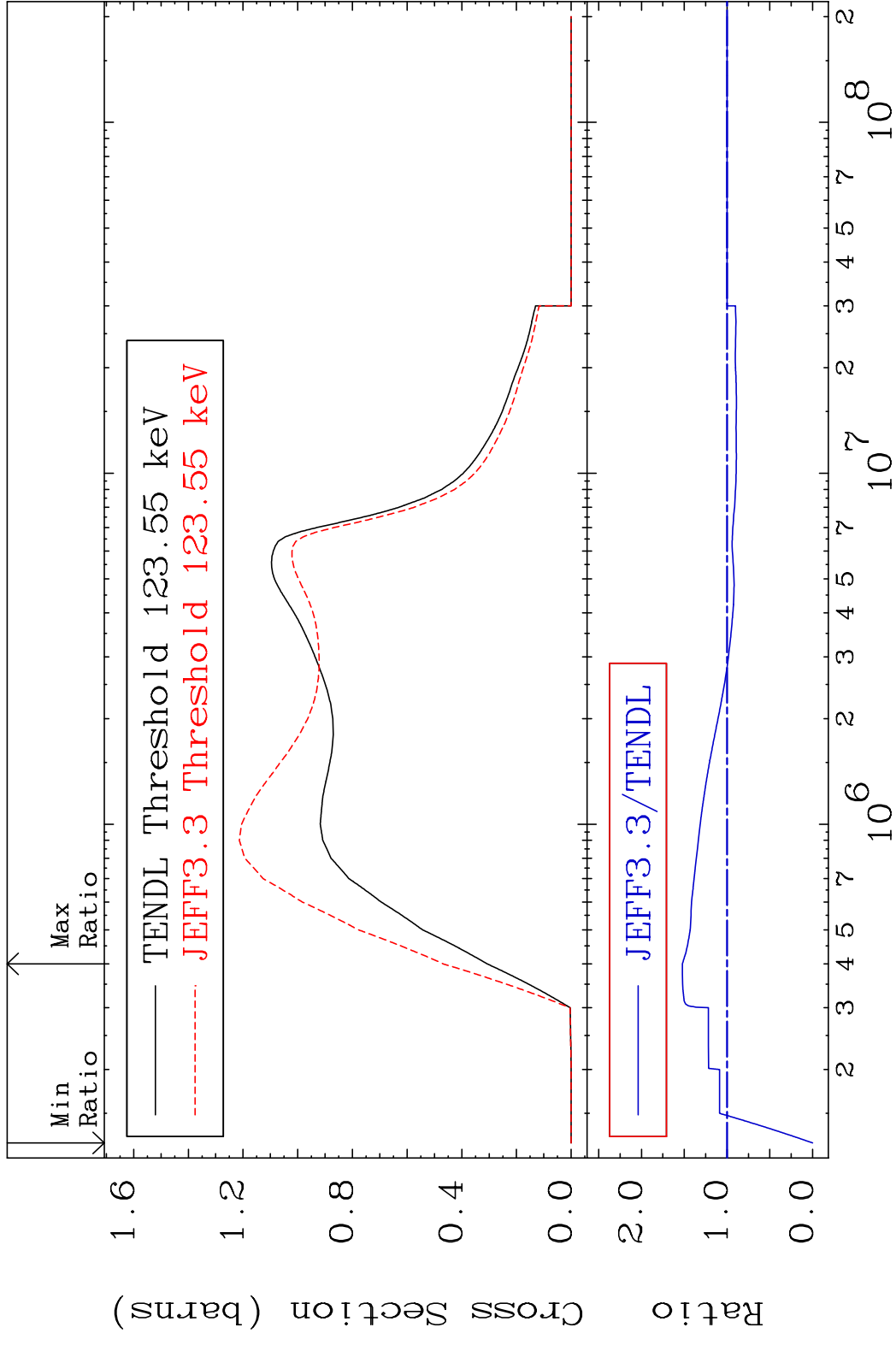


MAT 7128 Dpa disappearance (mt102 -120) 71-Lu-176
 Cross Section -99.95 To 9999. %

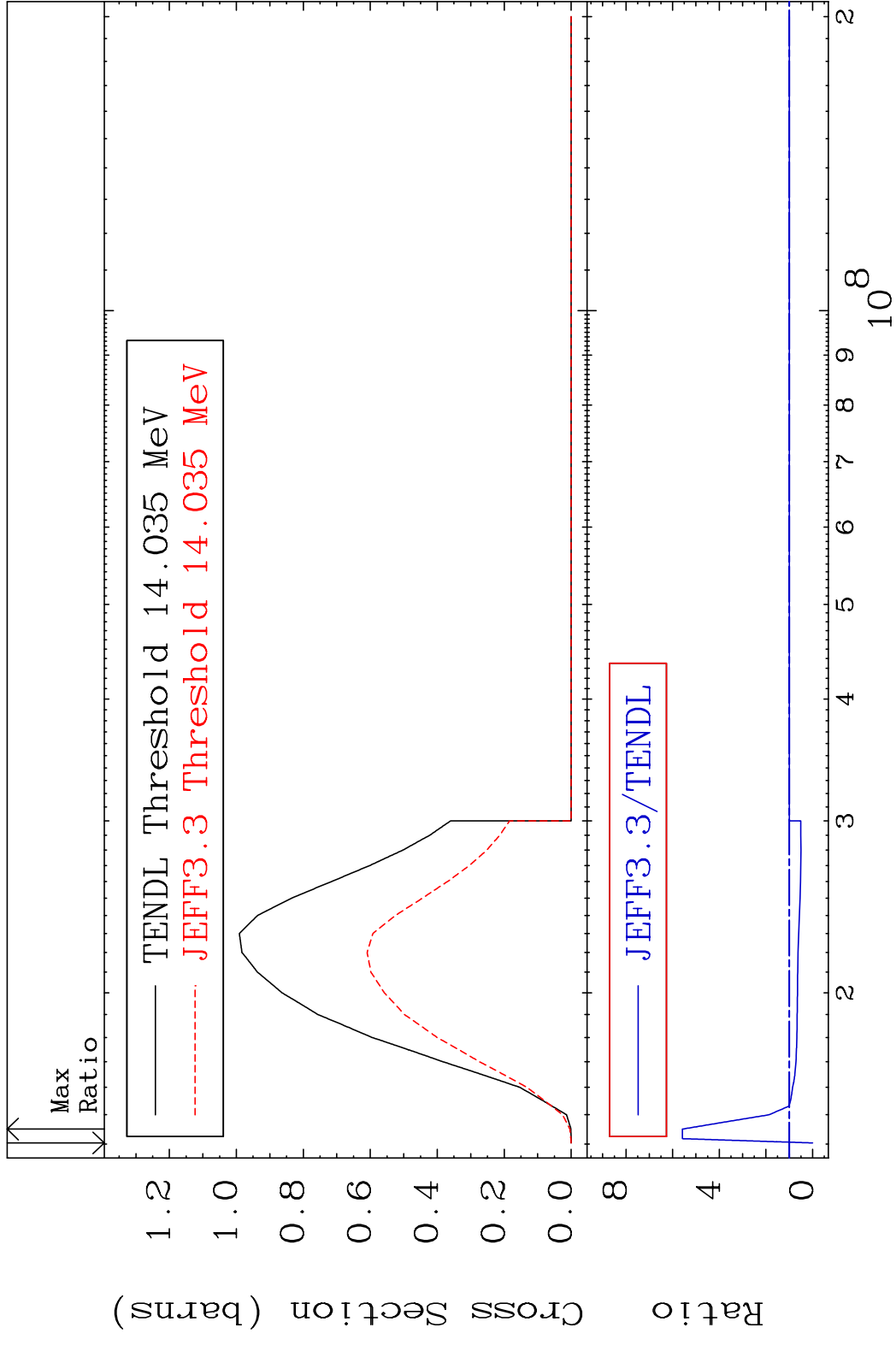


75 Incident Energy (eV) 71-Lu-176





MAT 7128 (n,3n):71-Lu-174g 71-Lu-176
 Radionuclide Production Cross Section 180.01 dpo 458.3 %



MAT 7128 (n, 3n): 71-Lu-174m3 71-Lu-176
 Radionuclide Production Cross Section 180.01 dth 366.9 %

