

Program Complot
(Version 2021-1)

by

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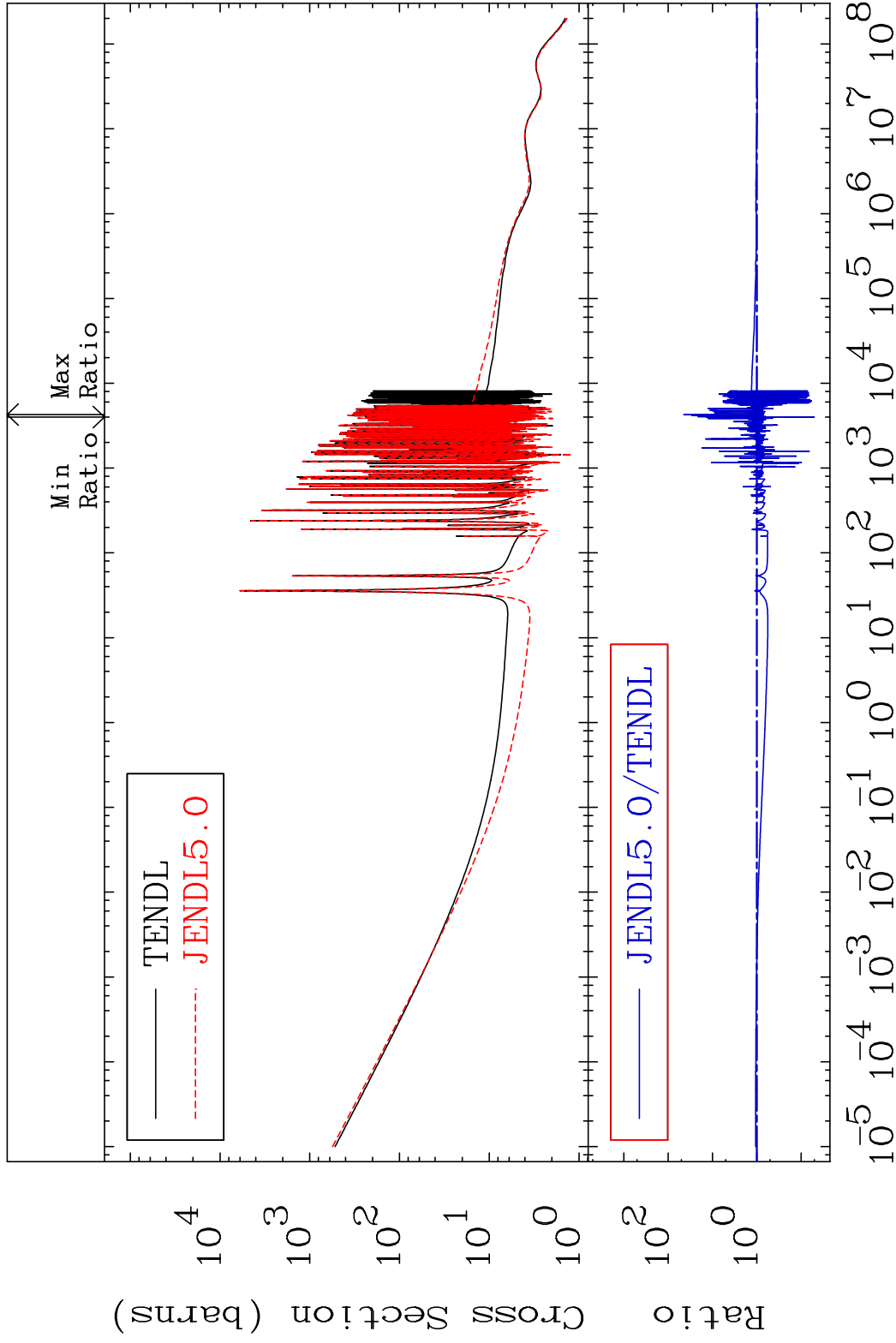
Press Mouse Button to Start

MAT 3525

Total

35-Br-79

Cross Section -94.90 To 4355. %



1

Incident Energy (eV)

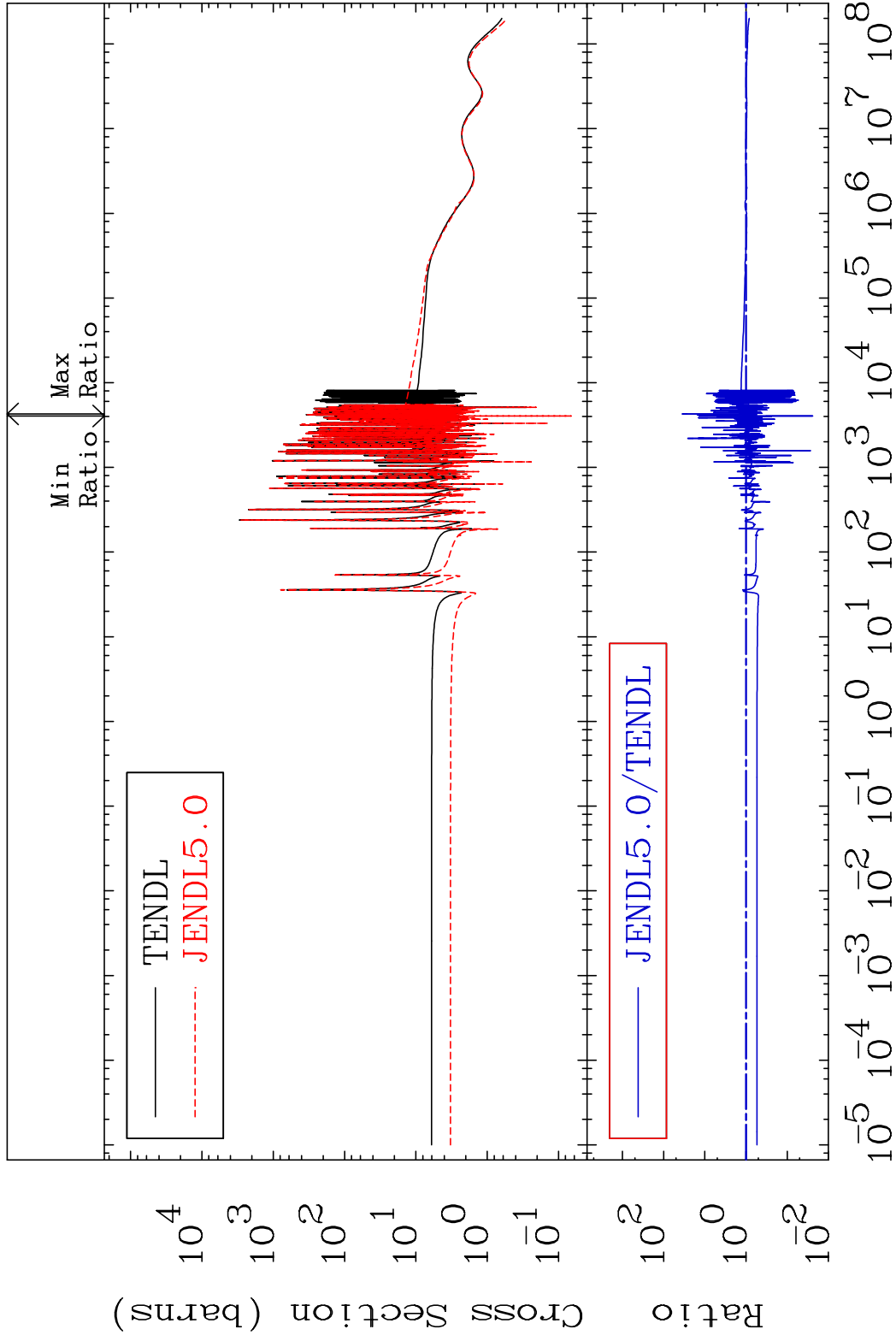
35-Br-79

MAT 3525

Elastic

35-Br-79

Cross Section -97.58 To 3414. %

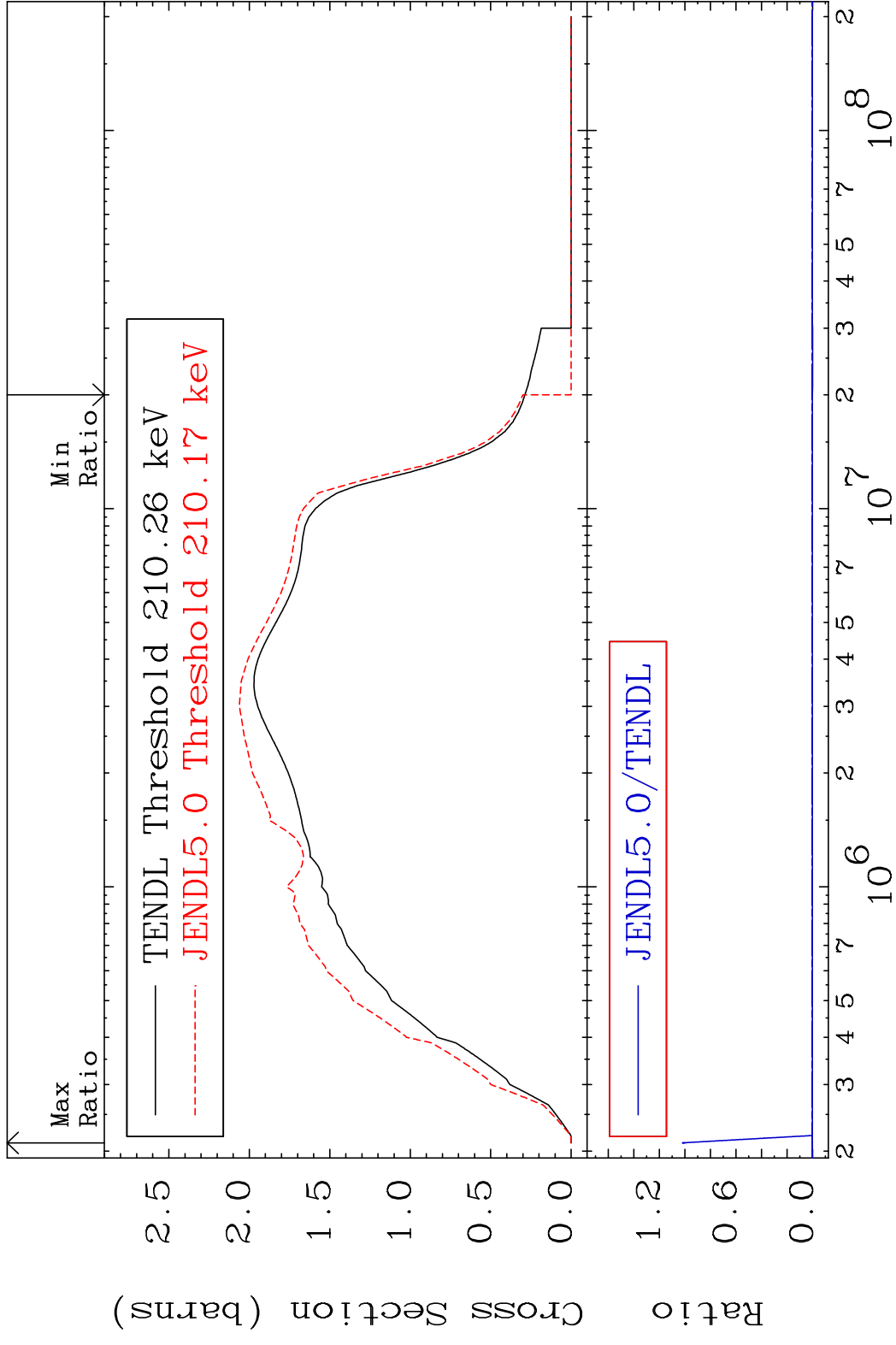


2

Incident Energy (eV)

35-Br-79

MAT 3525 Inelastic Cross Section -100.0 To 9999. % 35-Br-79

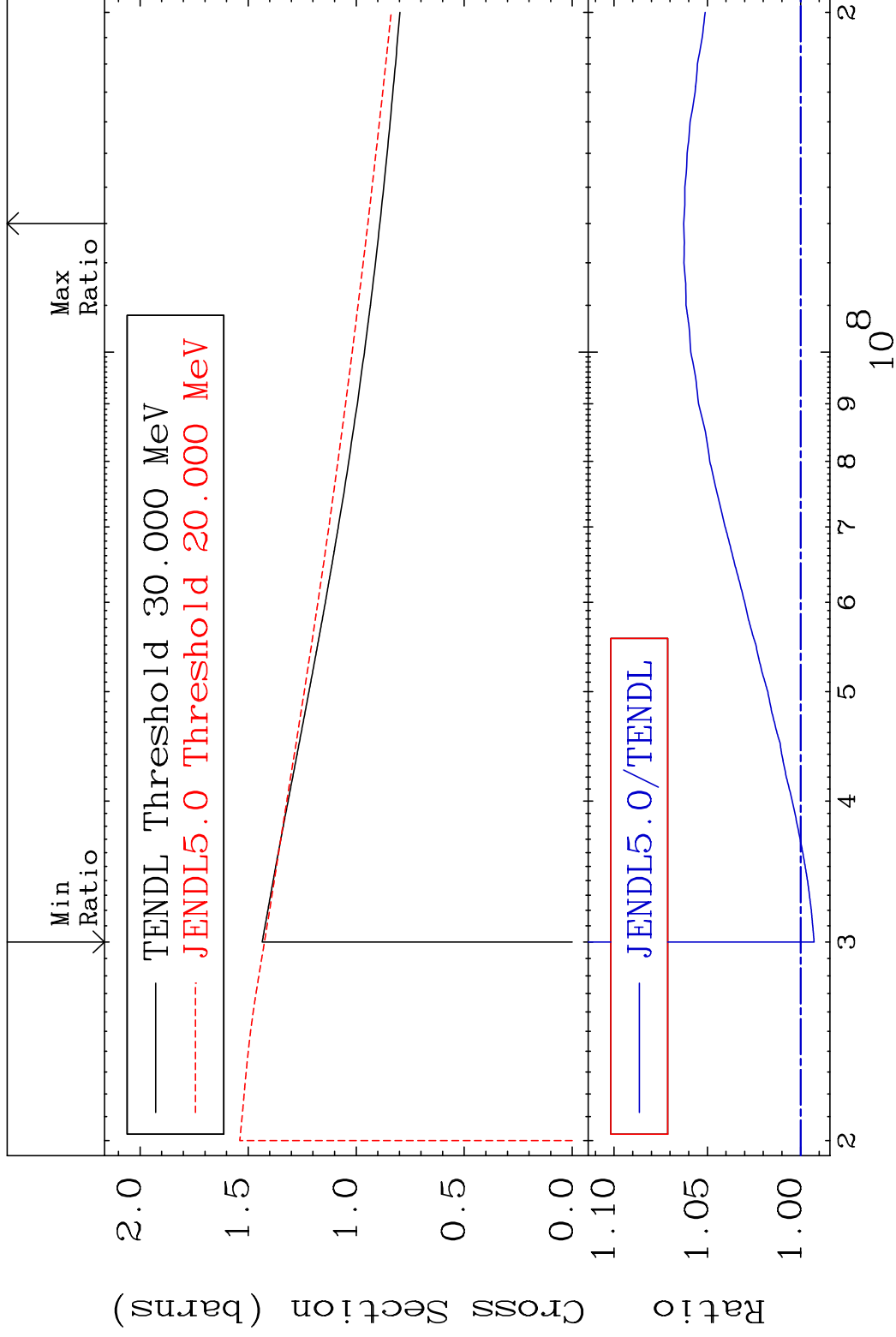


MAT 3525

(n, remainder)

35-Br-79

Cross Section -0.723 To 6.270 %

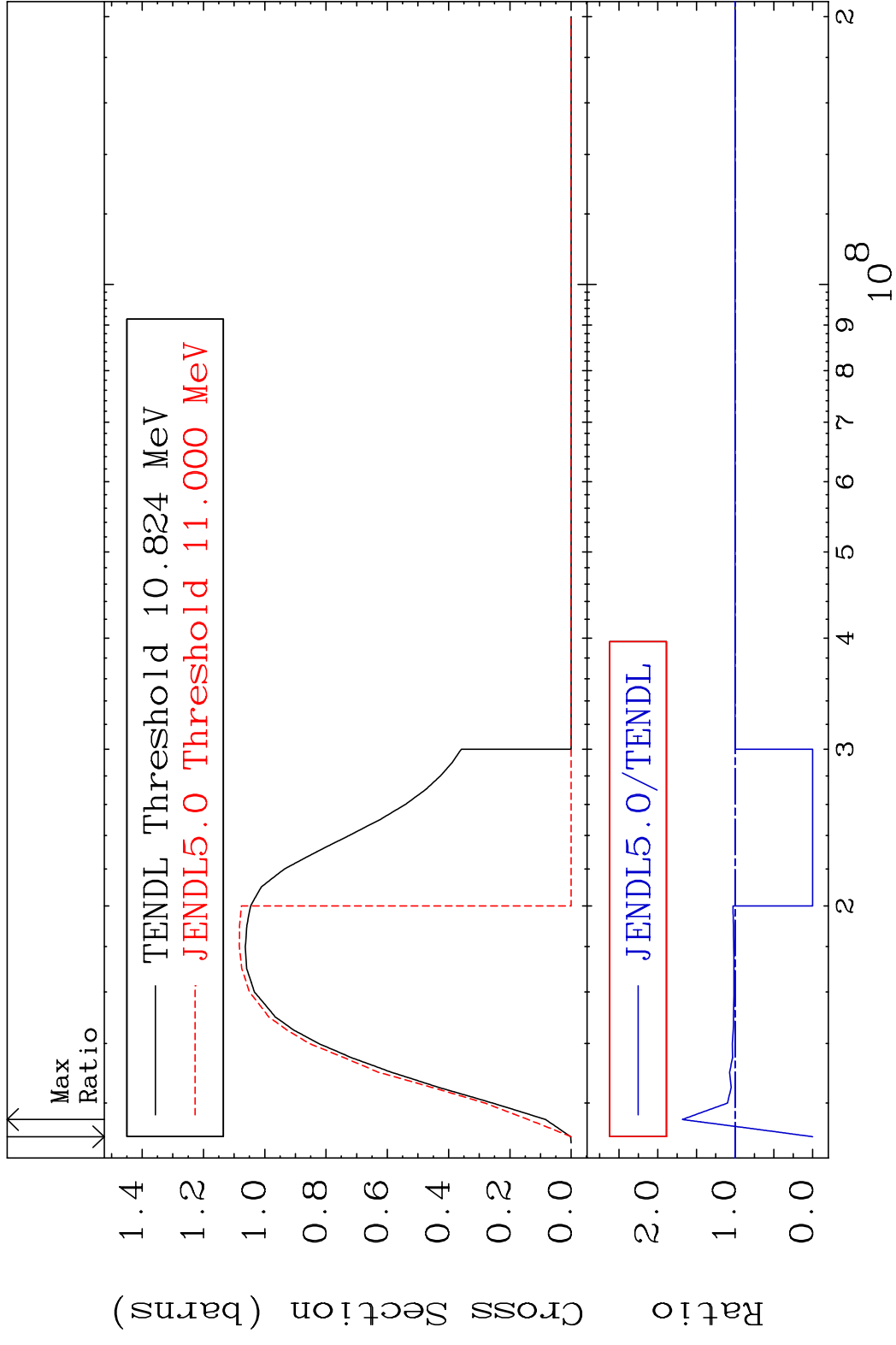


4

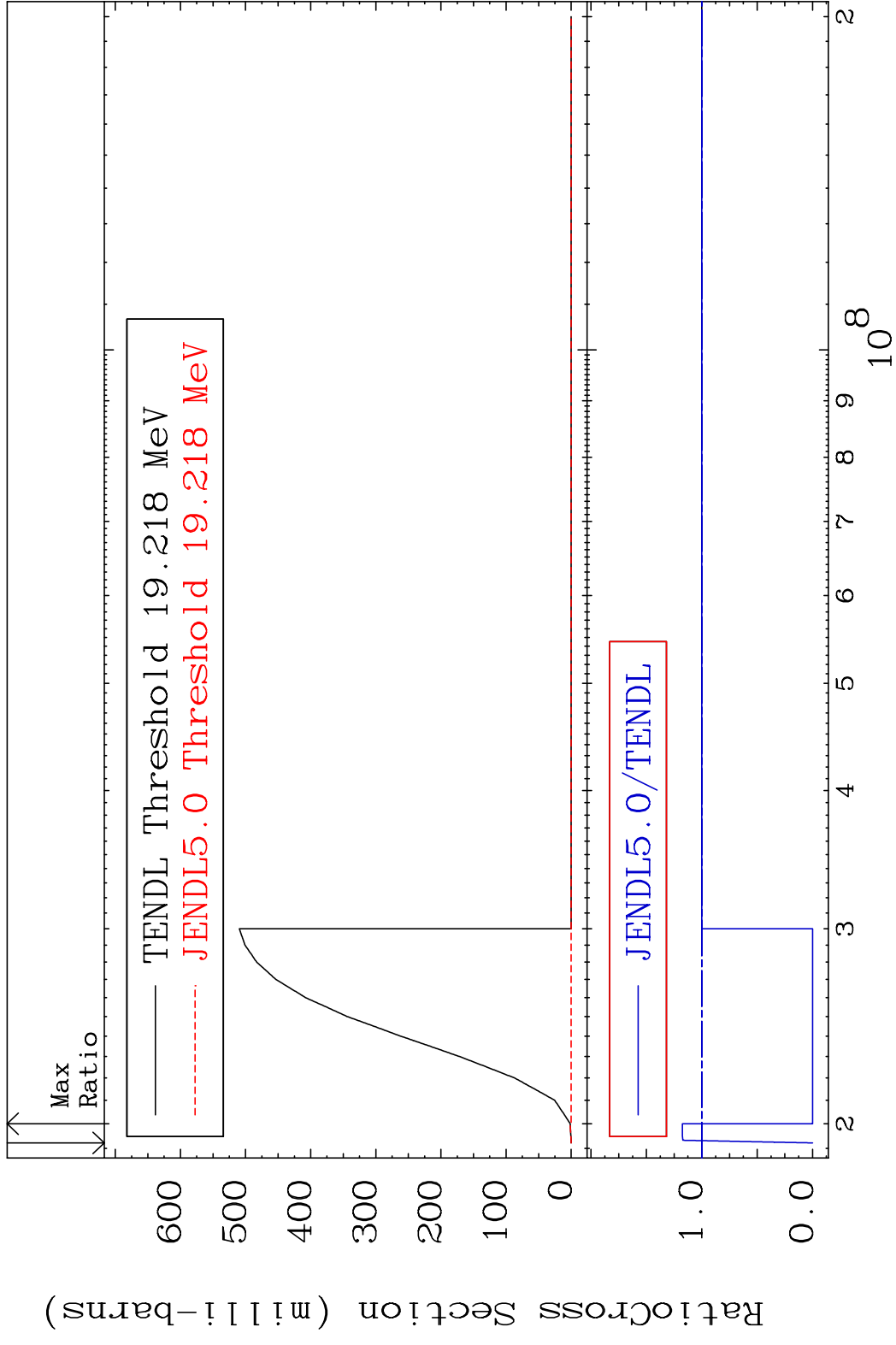
Incident Energy (eV)

35-Br-79

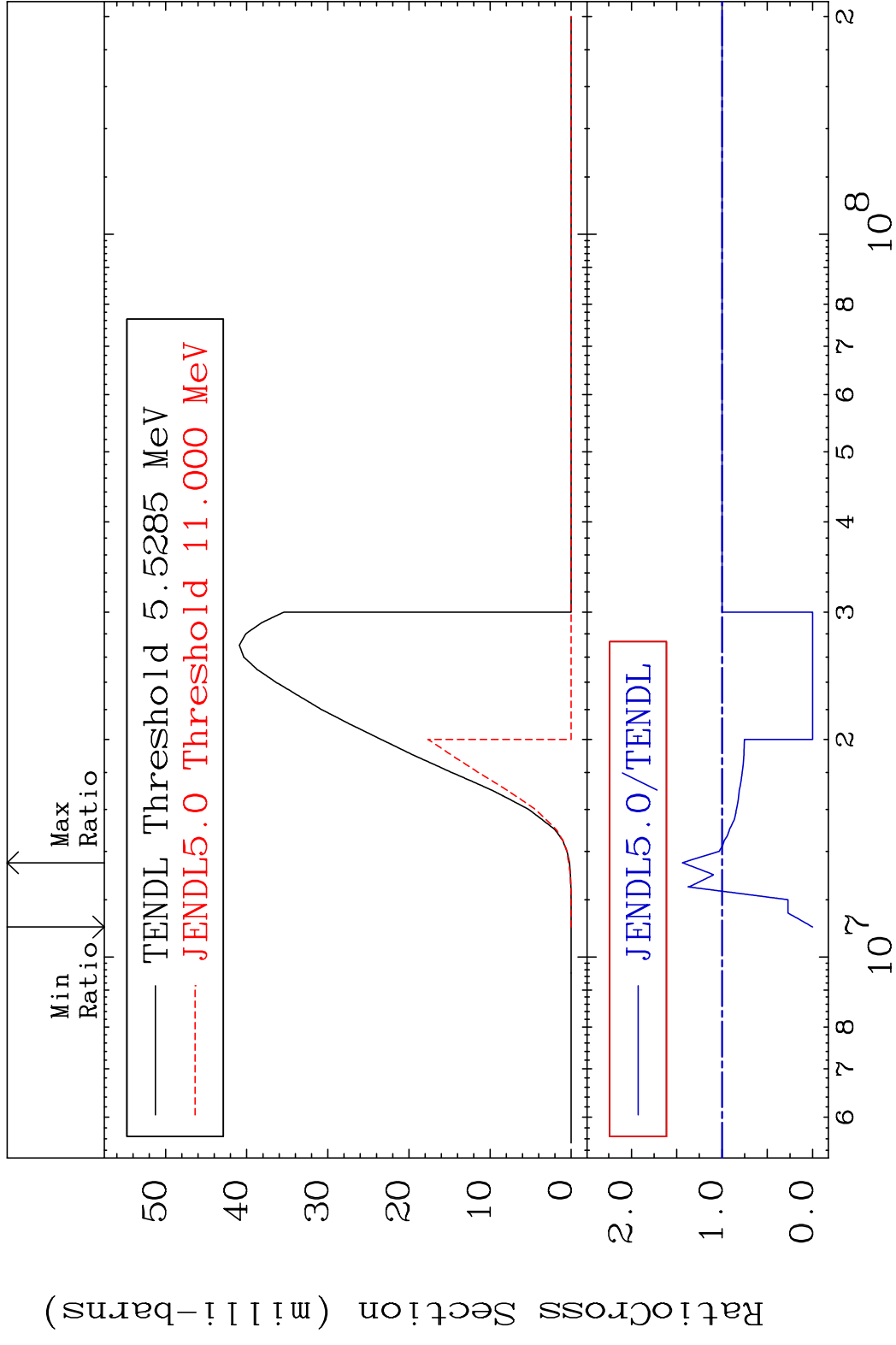
MAT 3525 (n,2n) 35-Br-79
 Cross Section -100.0 To 68.21 %



MAT 3525 (n,3n) 35-Br-79
 Cross Section -100.0 To 17.56 %

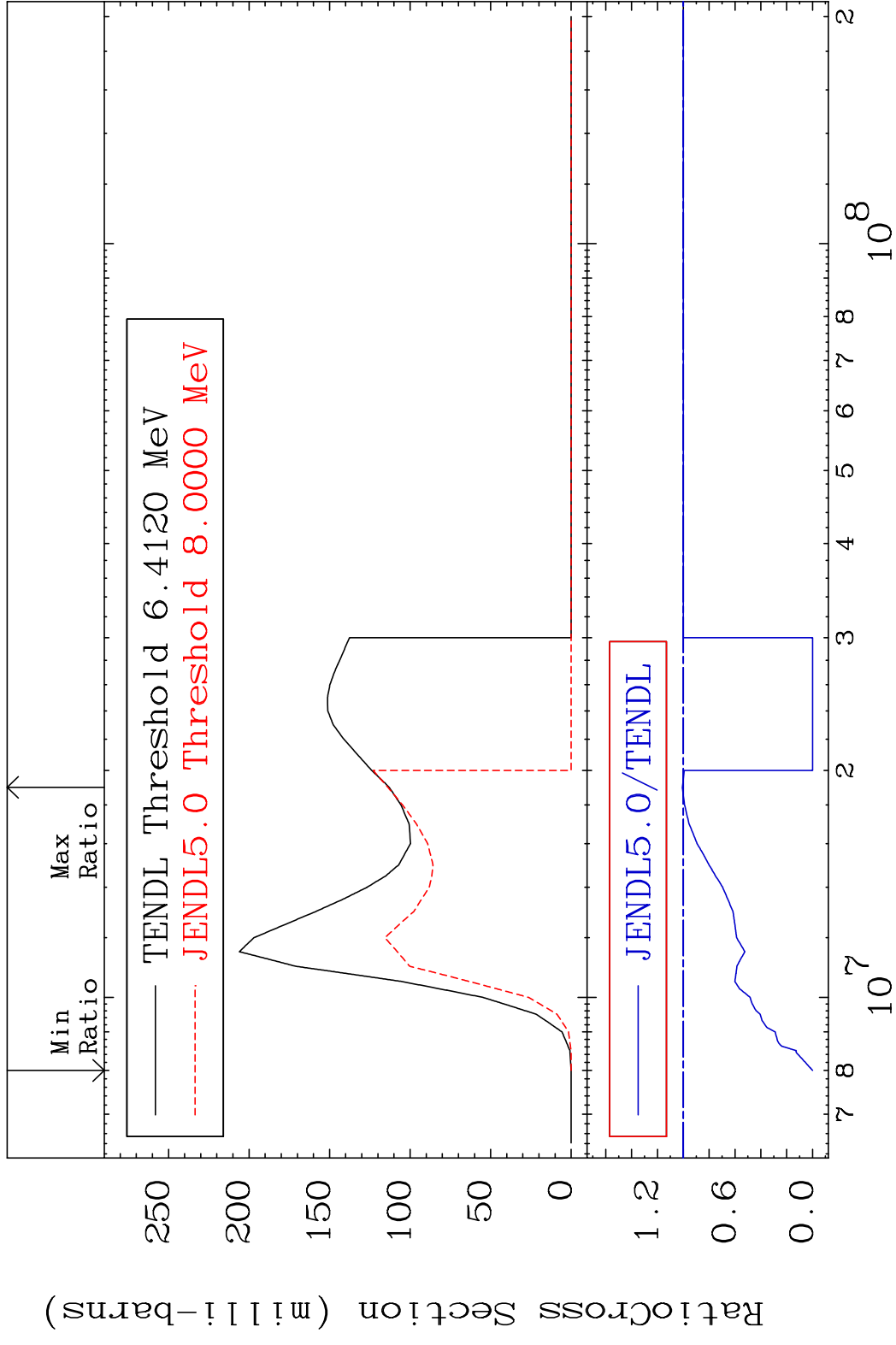


MAT 3525 (n, n') α 35-Br-79
 Cross Section -100.0 To 43.77 %



MAT 3525

(n, n') p
Cross Section -100.0 To 0.724 %
35-Br-79

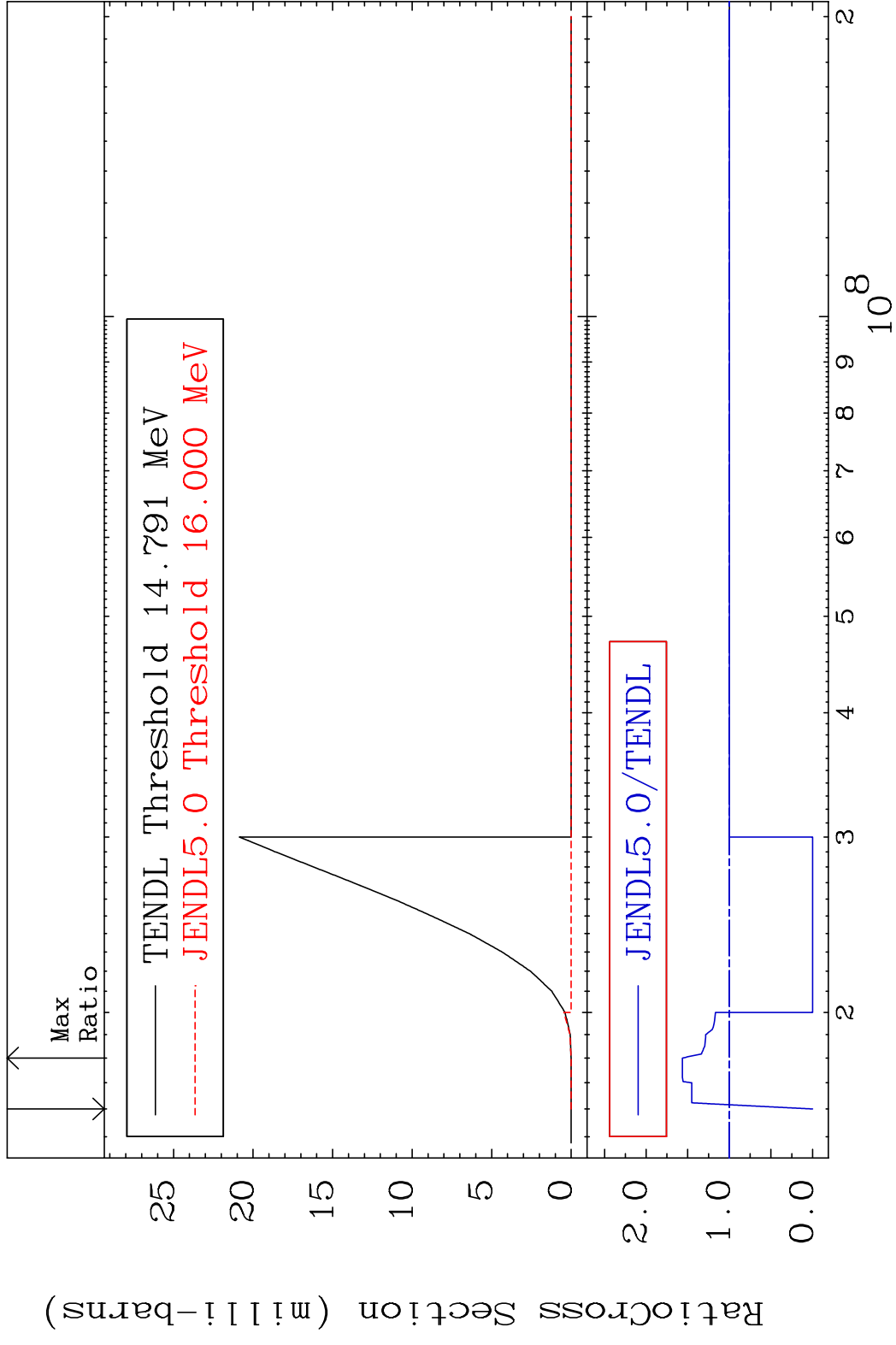


8

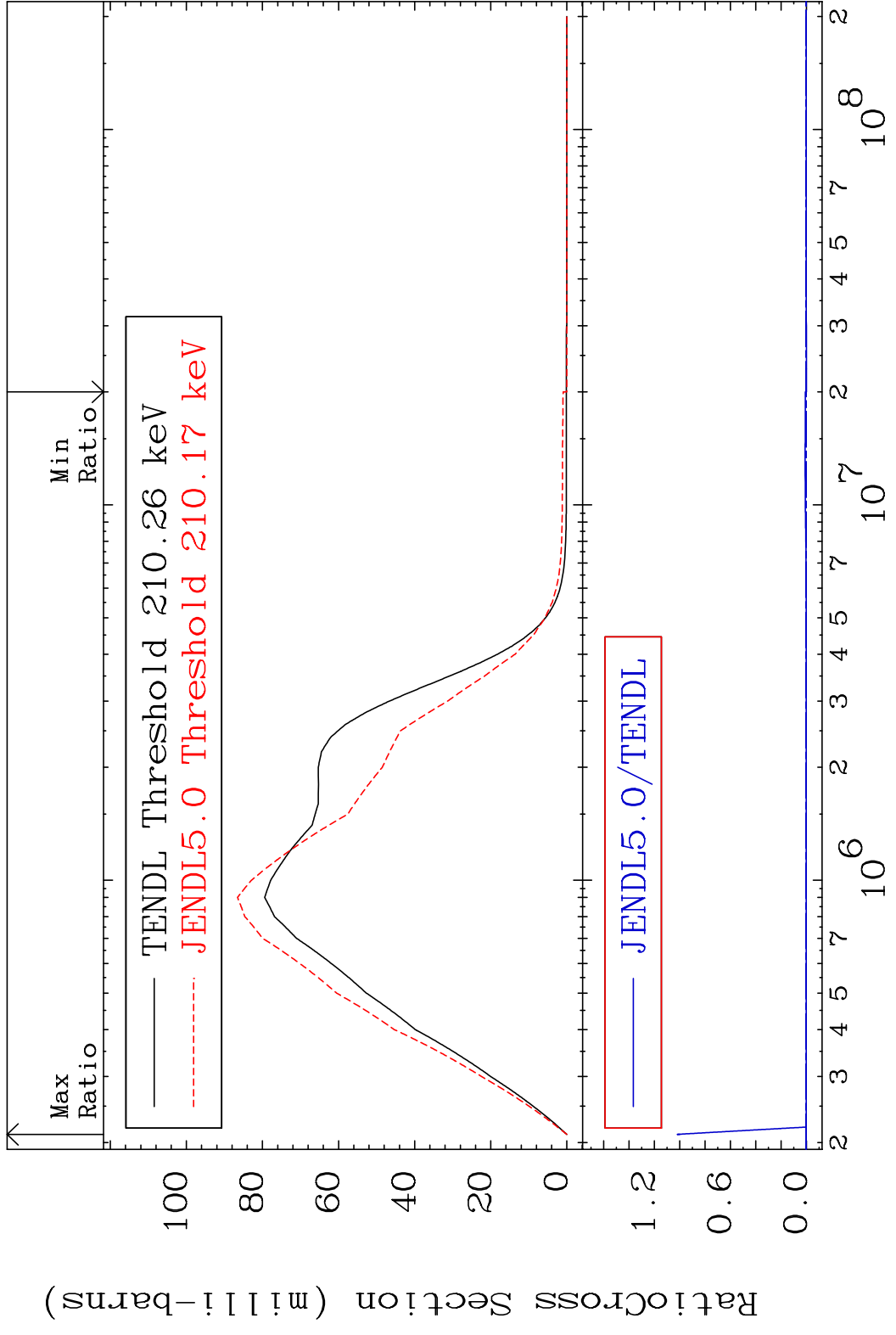
Incident Energy (eV)

35-Br-79

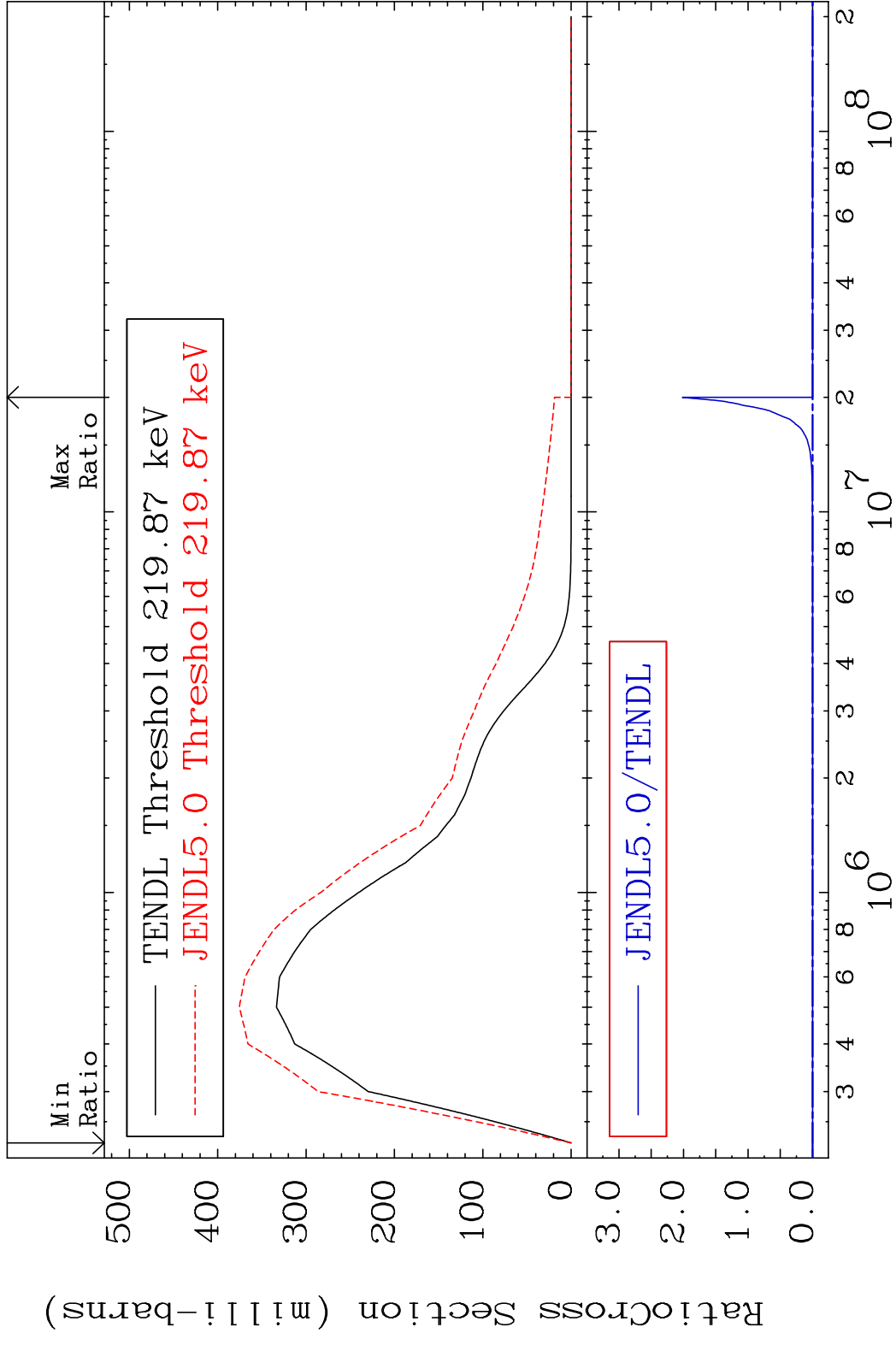
MAT 3525 (n, n') d 35-Br-79
 Cross Section -100.0 To 56.46 %



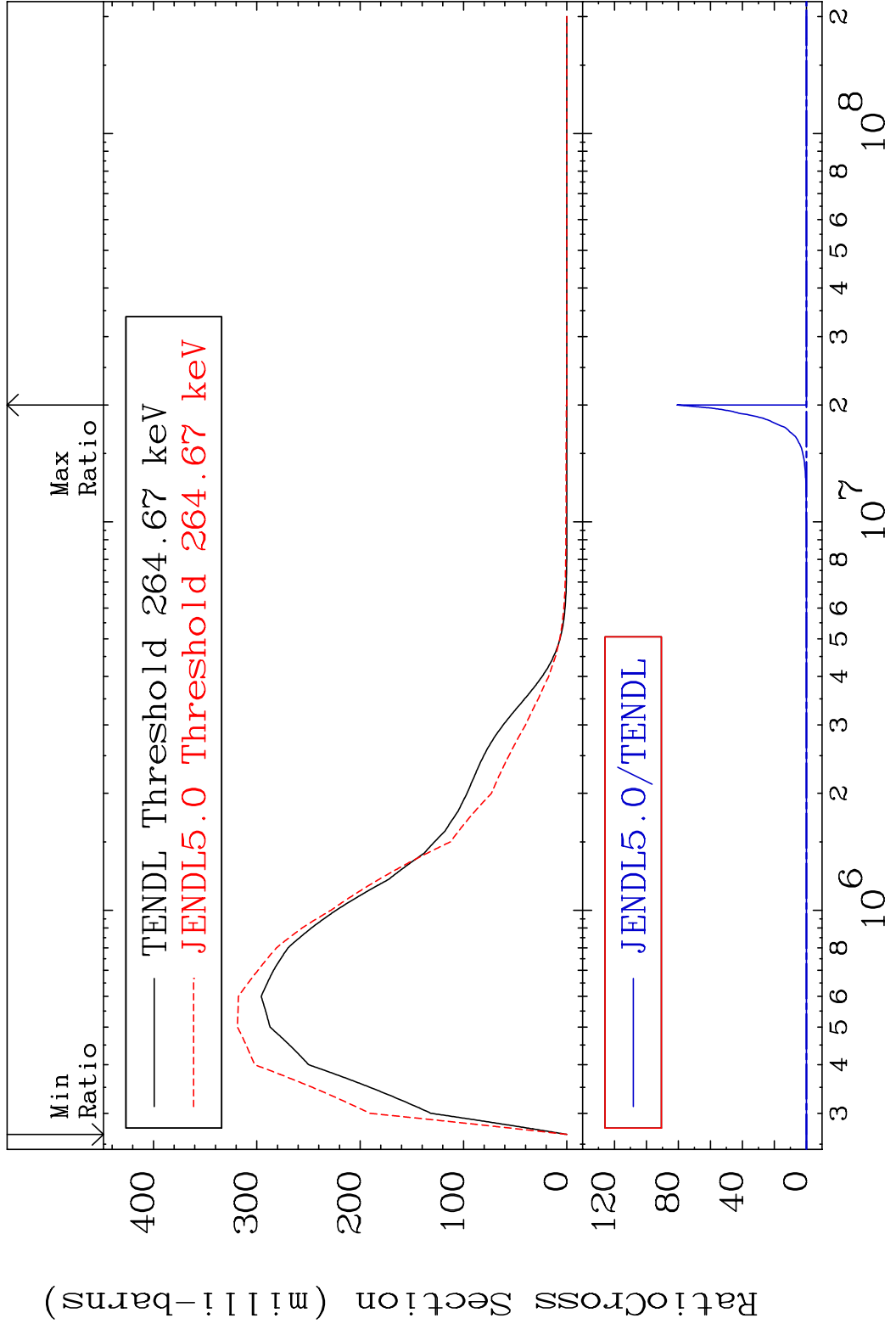
MAT 3525 MT= 51 (n,n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



MAT 3525 MT= 52 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %

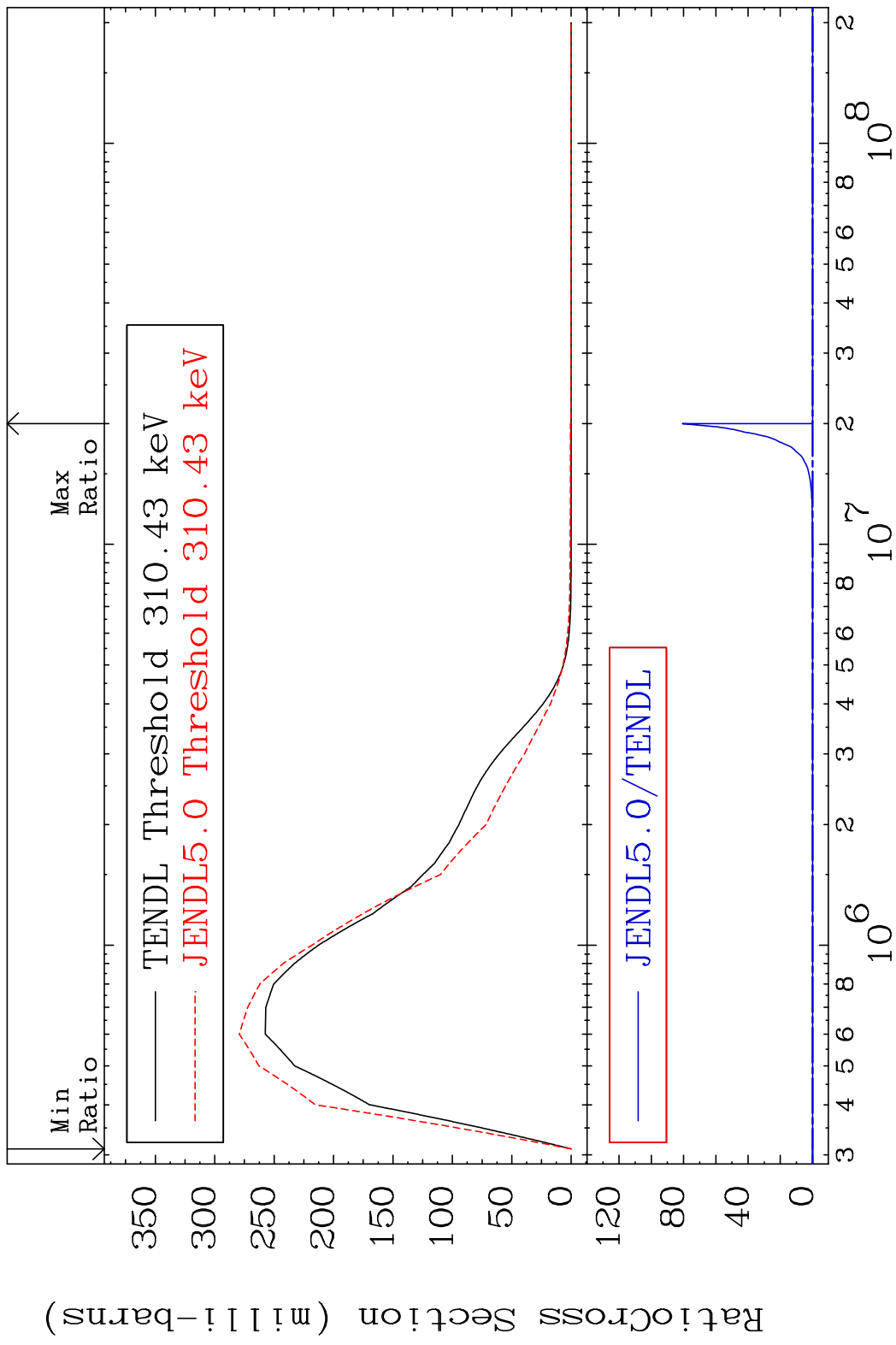


MAT 3525 MT= 53 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %

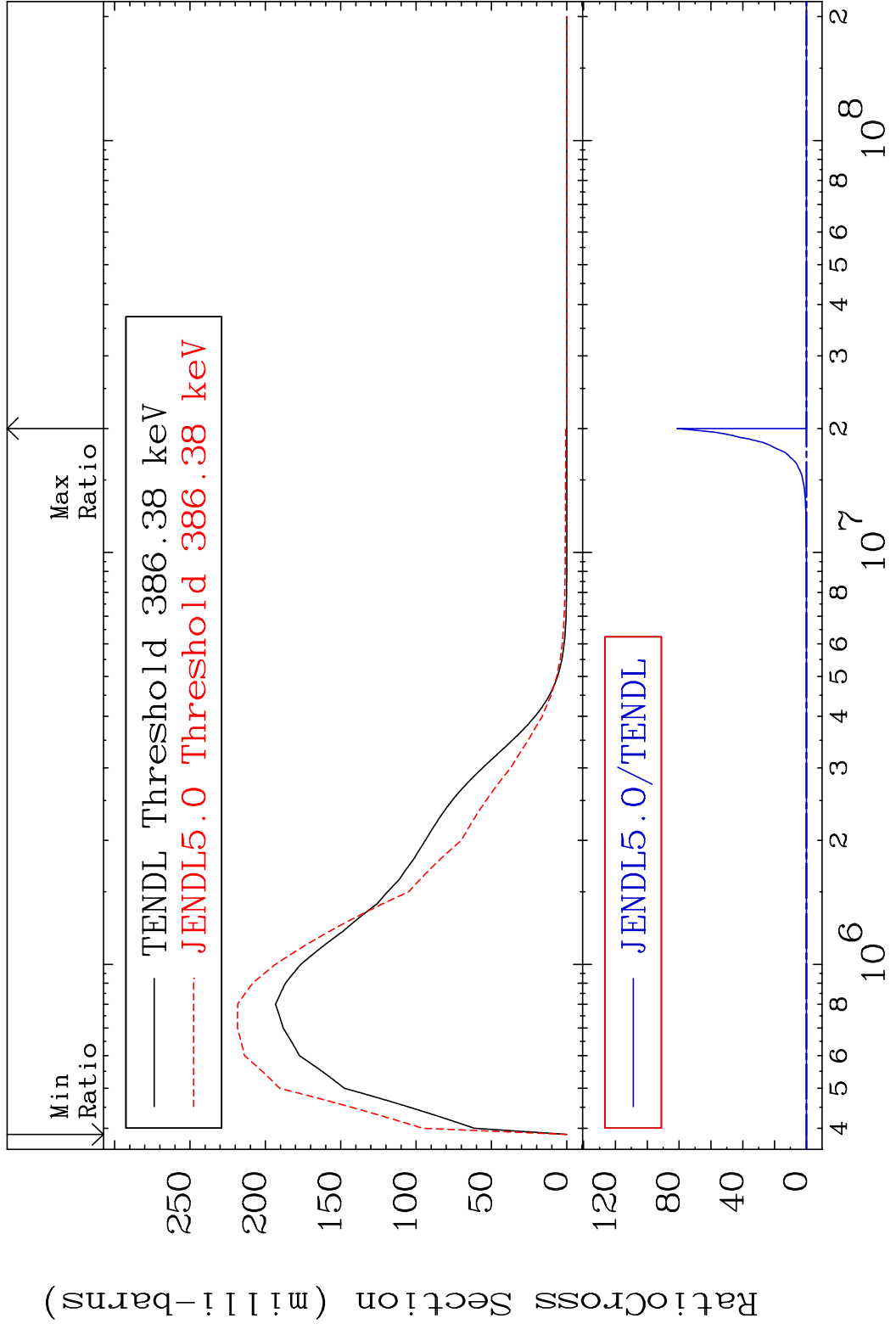


12 Incident Energy (eV) 35-Br-79

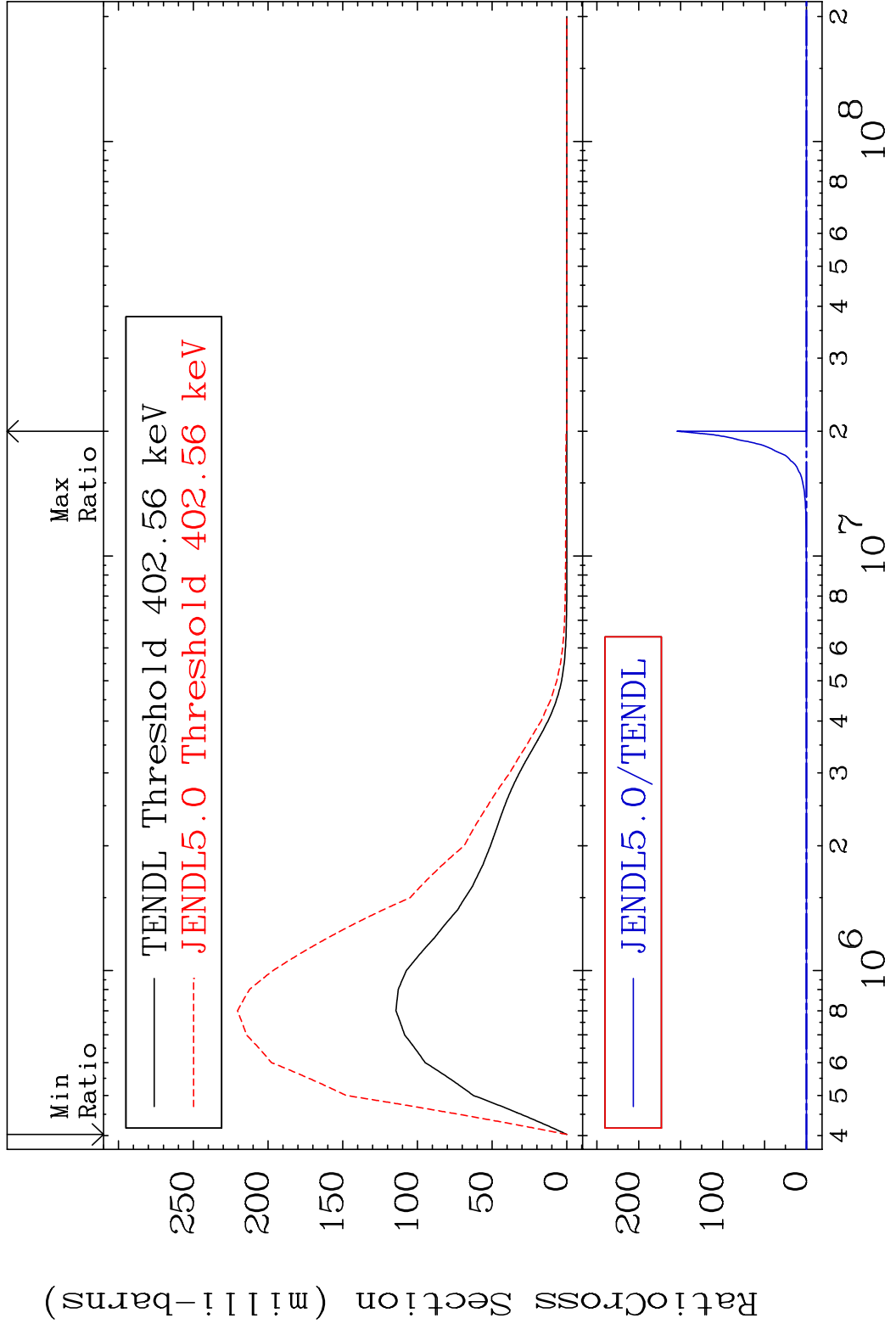
MAT 3525 MT= 54 (n,n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



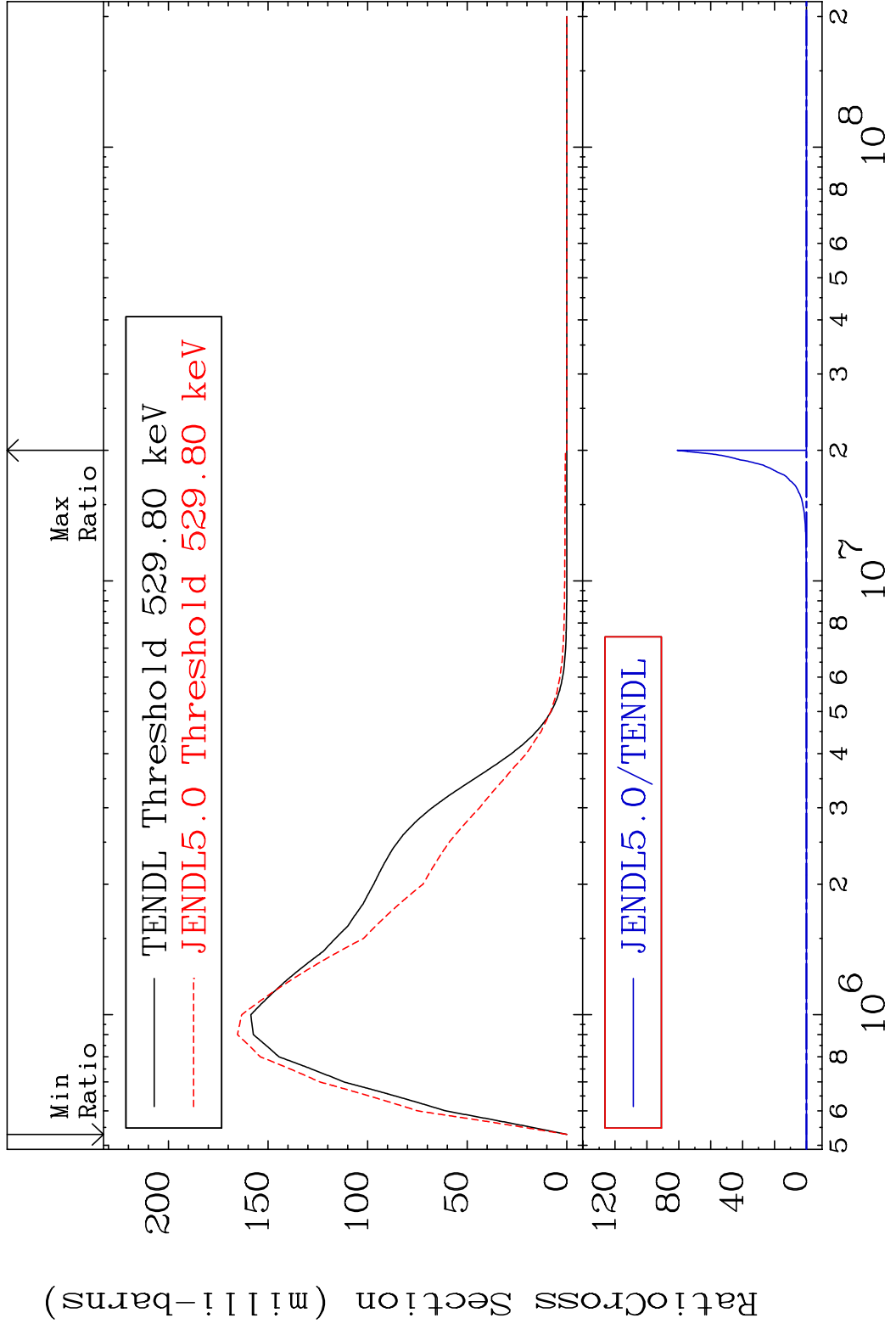
MAT 3525 MT= 55 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



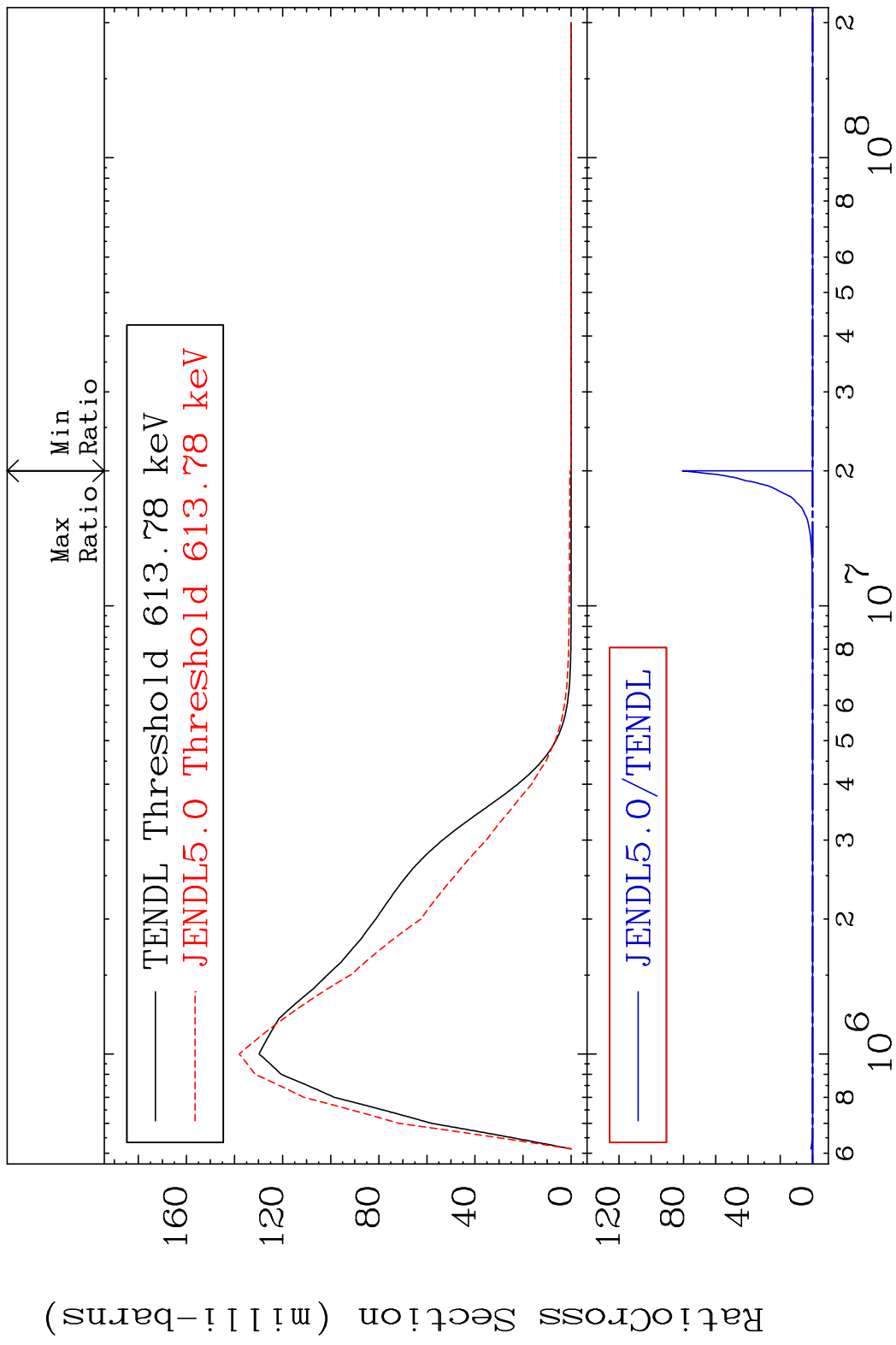
MAT 3525 MT= 56 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



MAT 3525 MT= 57 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %

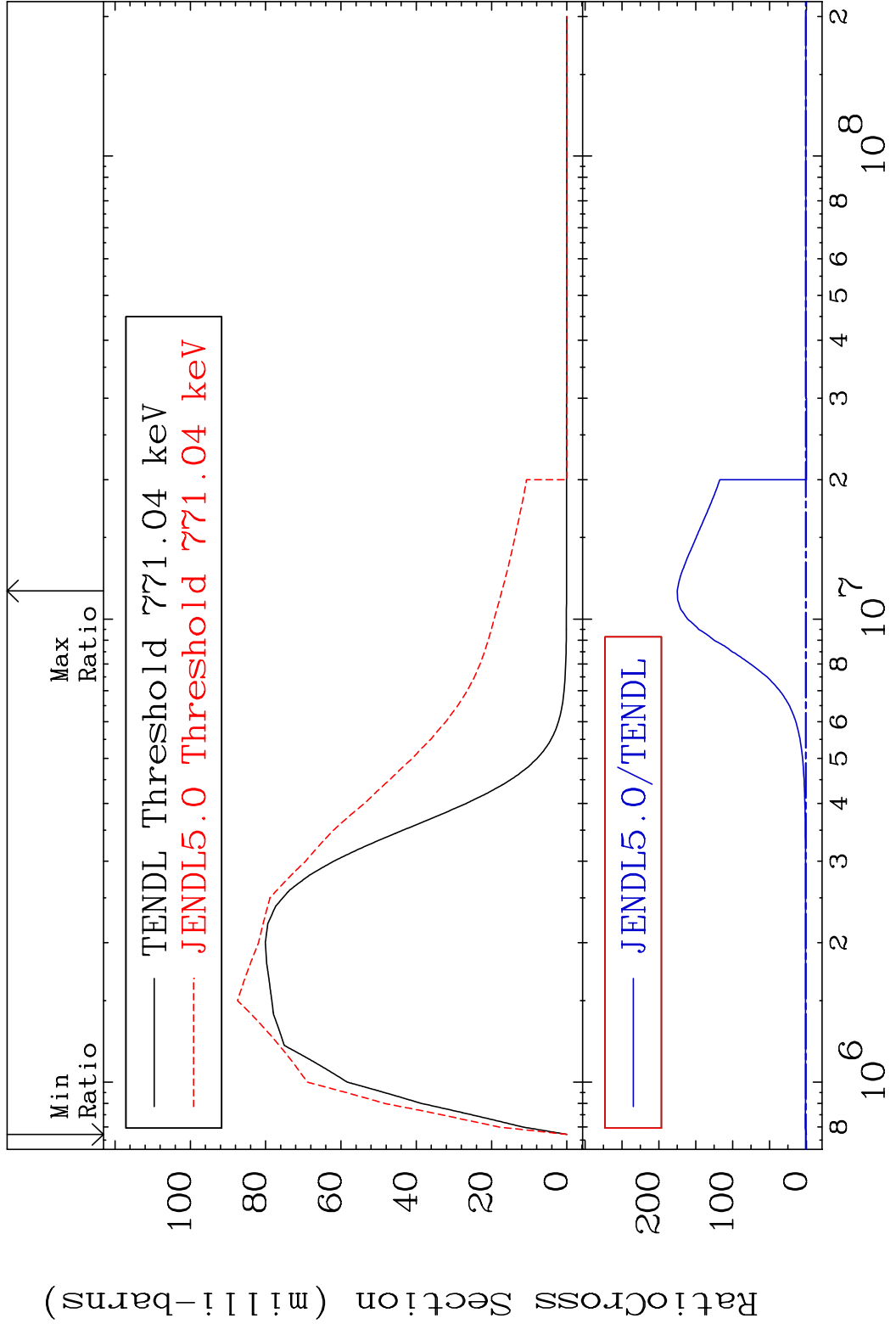


MAT 3525 MT= 58 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %

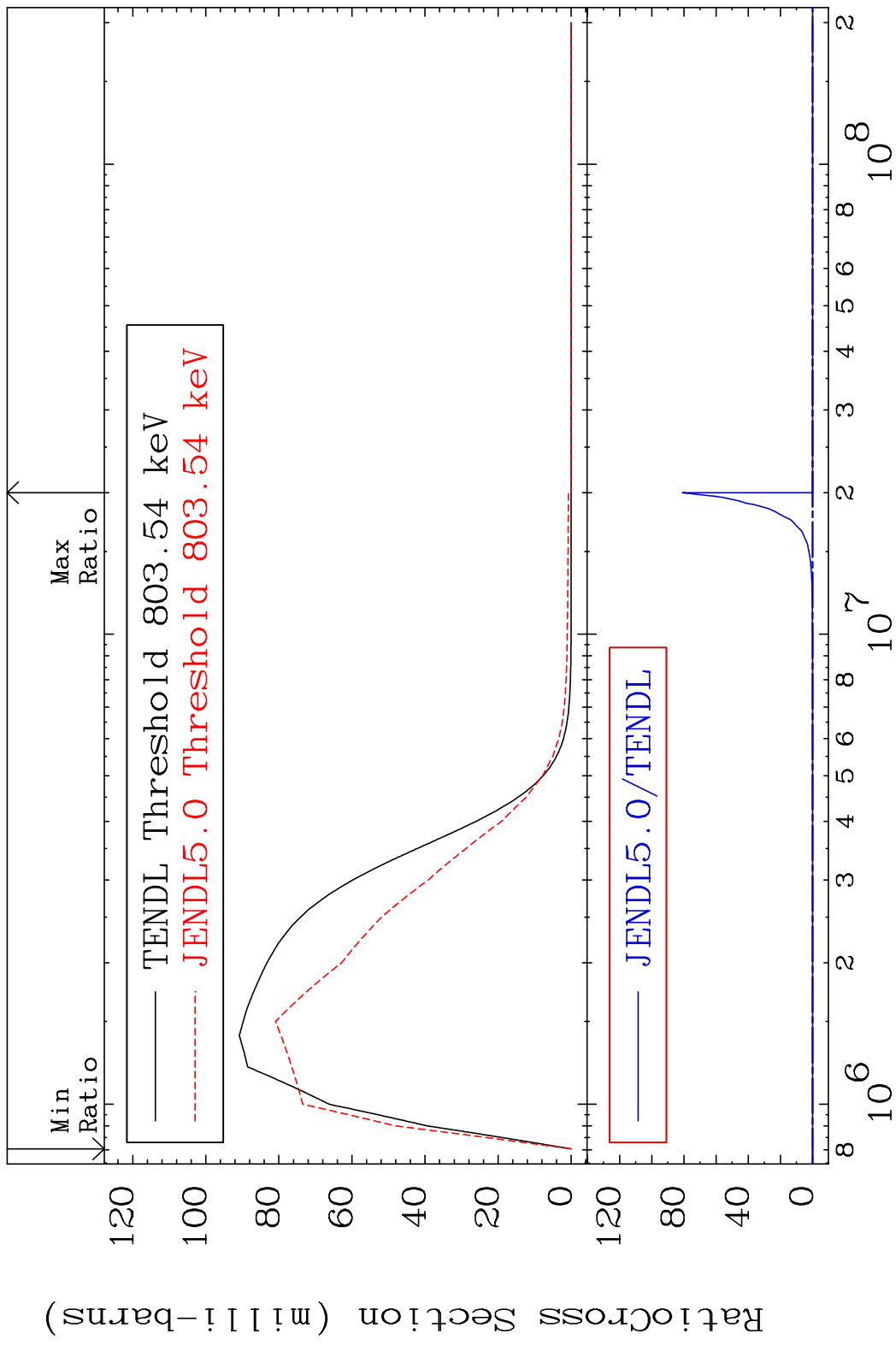


17 35-Br-79

MAT 3525 MT= 59 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %

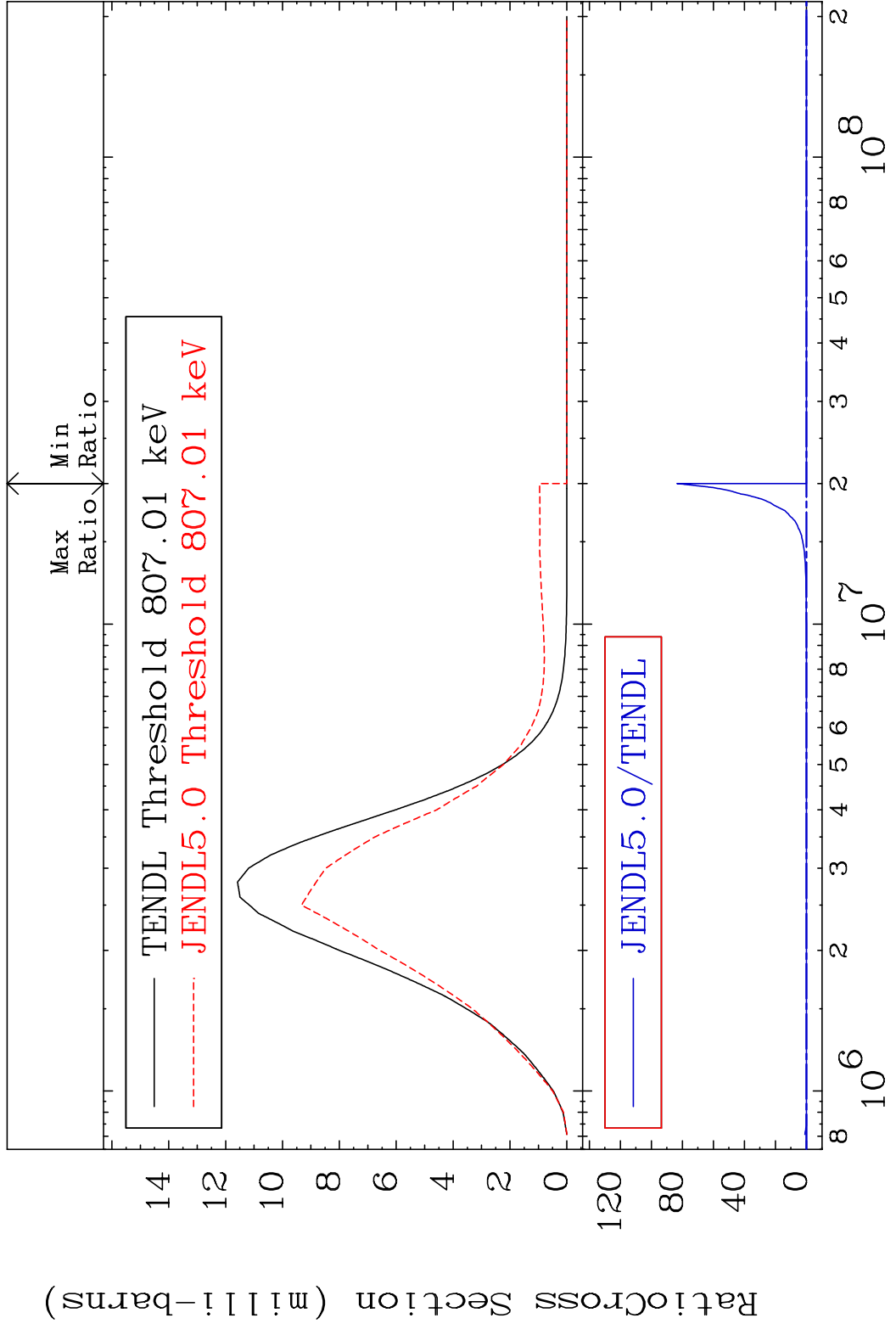


MAT 3525 MT= 60 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



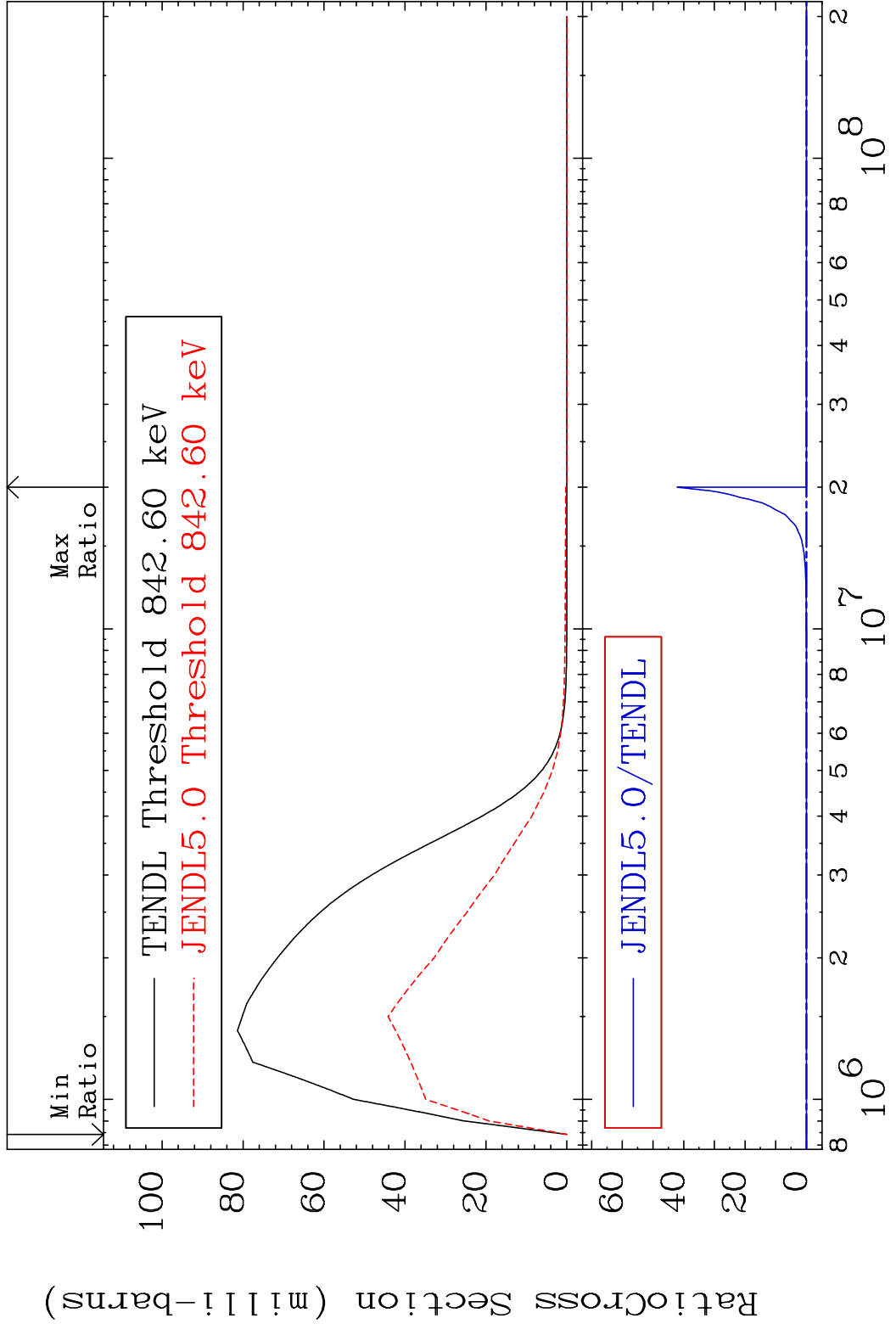
19 Incident Energy (eV) 35-Br-79

MAT 3525 MT= 61 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %

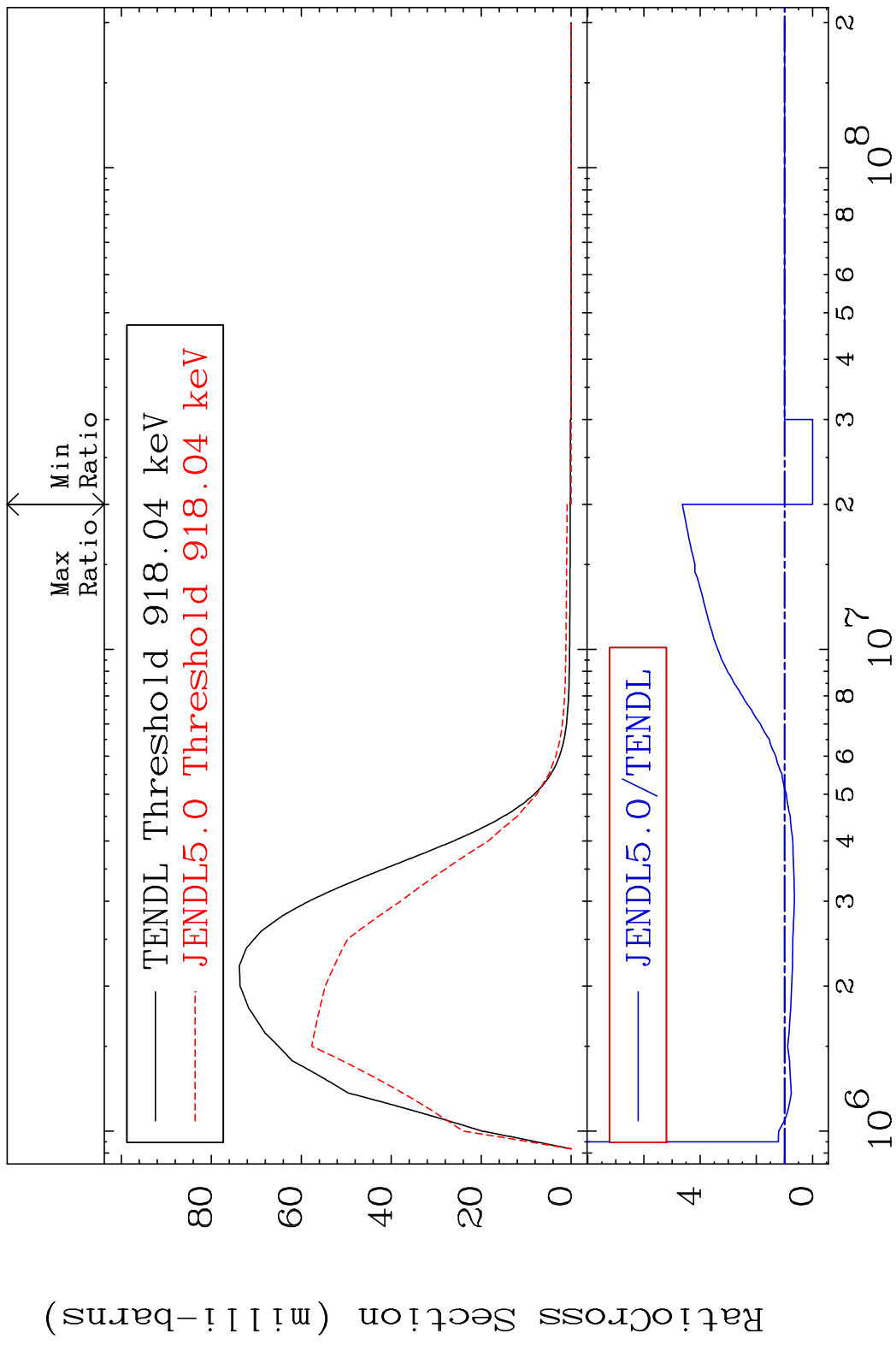


20 Incident Energy (eV) 35-Br-79

MAT 3525 MT= 62 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %

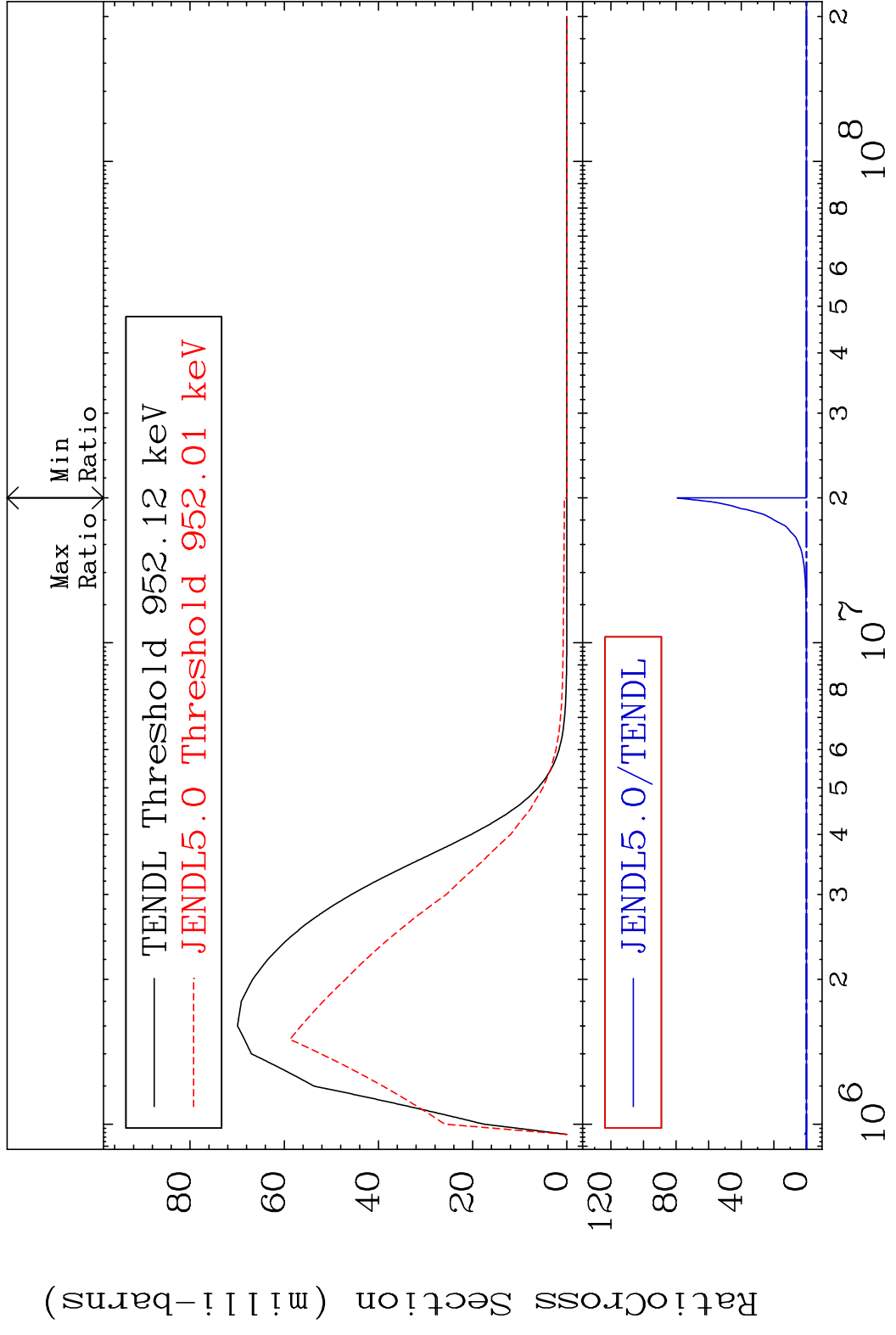


MAT 3525 MT= 63 (n, n') Level 35-Br-79
 Cross Section -100.0 To 363.4 %



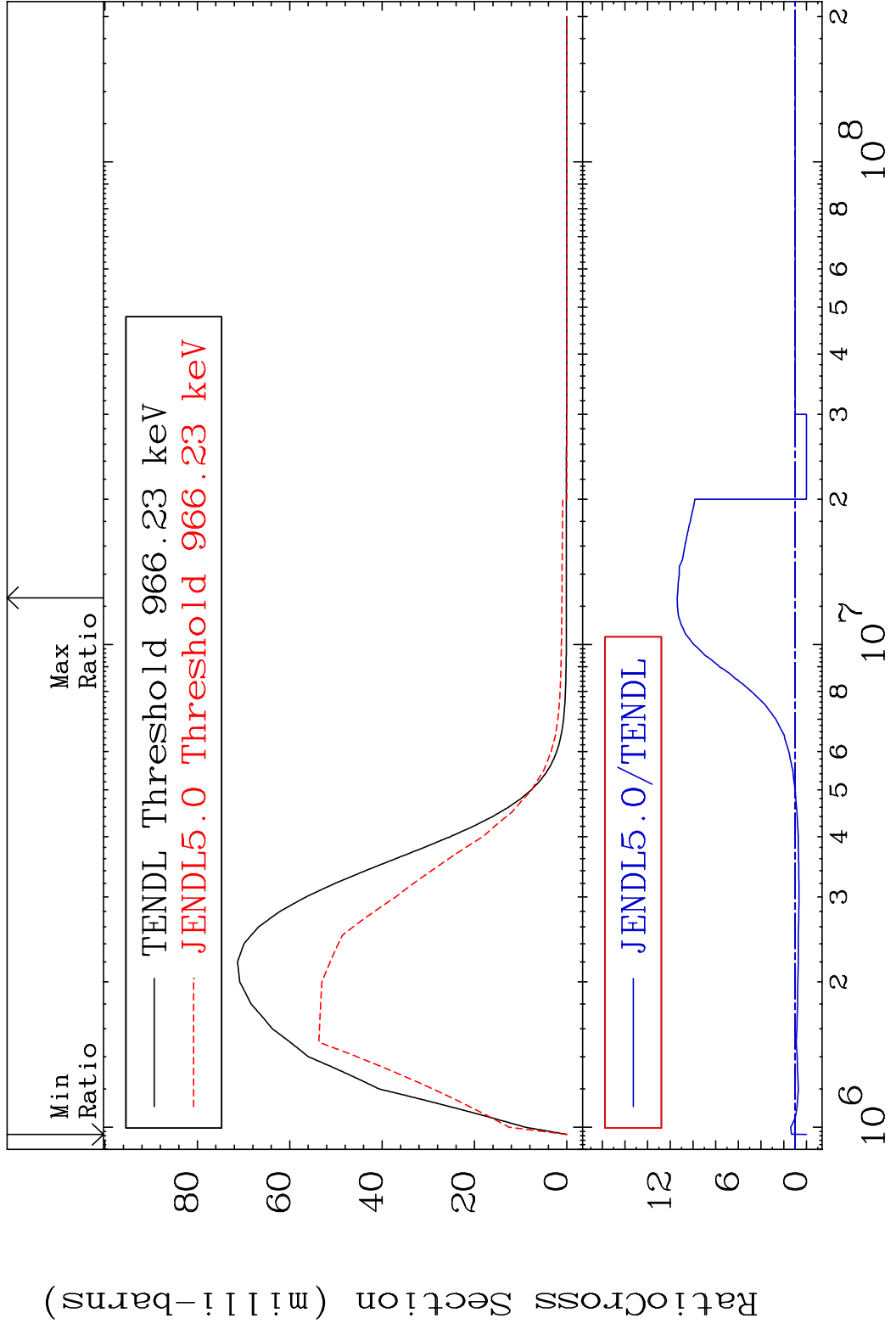
22 35-Br-79

MAT 3525 MT= 64 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



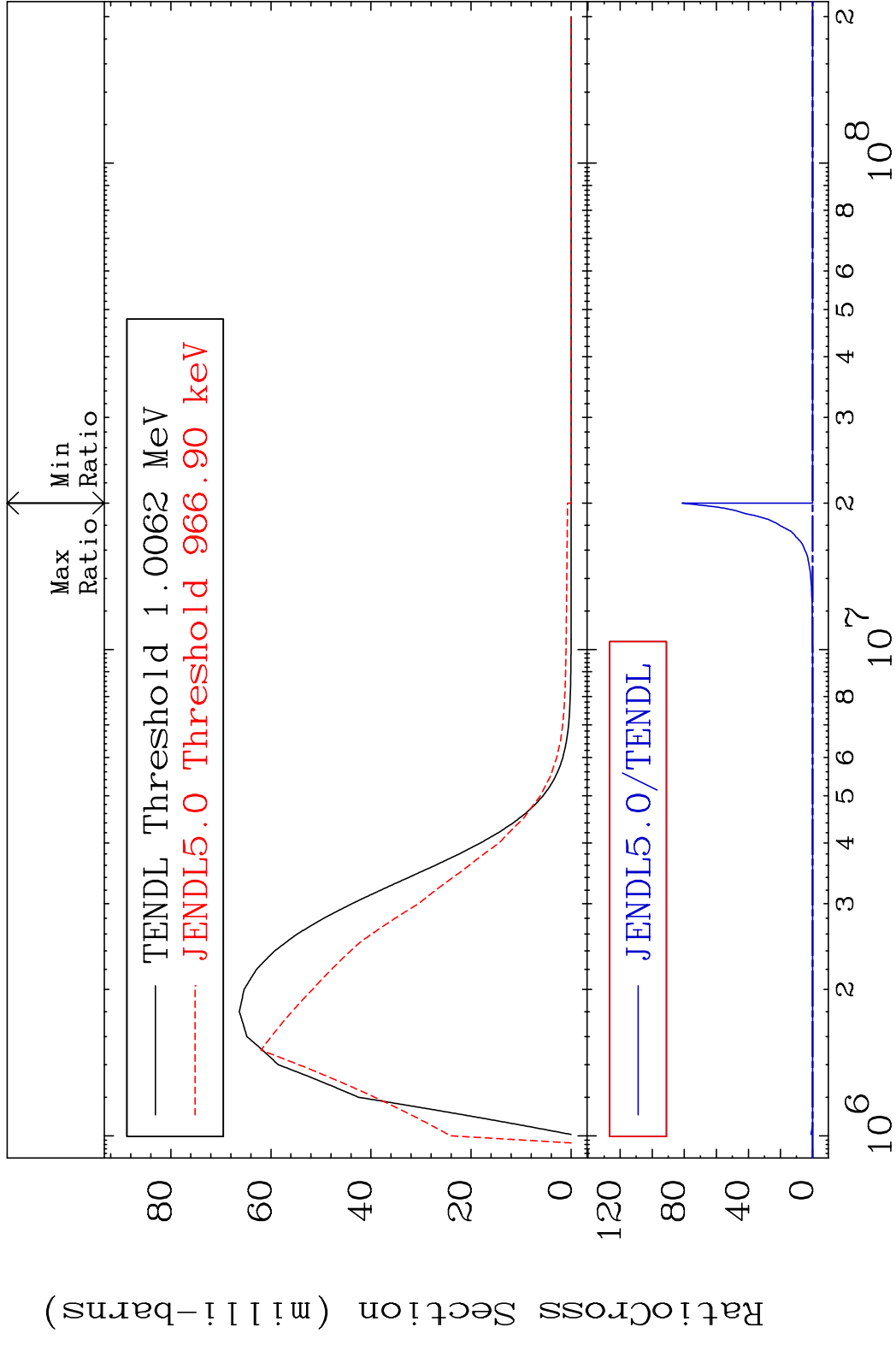
23 Incident Energy (eV) 35-Br-79

MAT 3525 MT= 65 (n, n') Level 35-Br-79
 Cross Section -100.0 To 1039. %



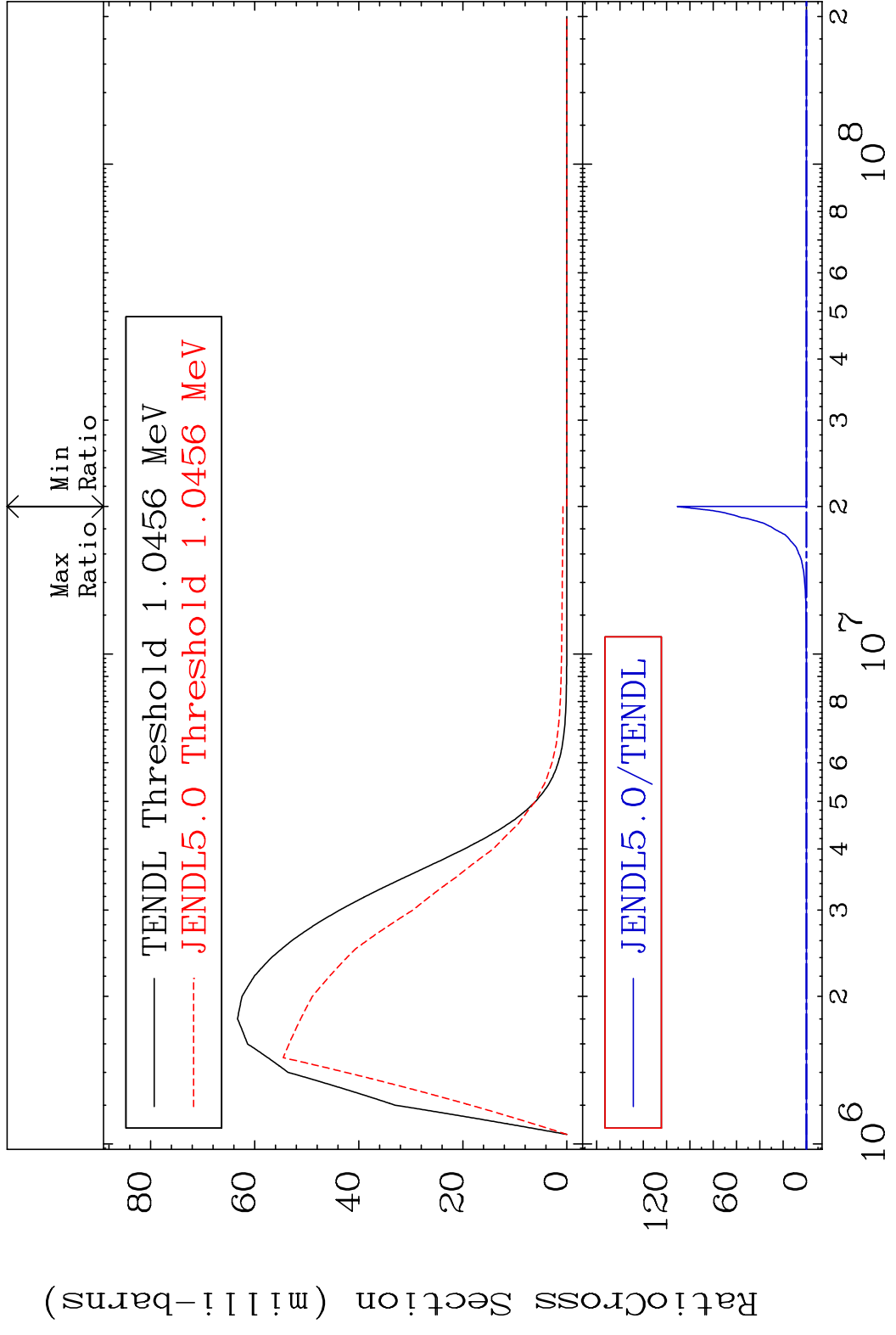
24 35-Br-79

MAT 3525 MT= 66 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



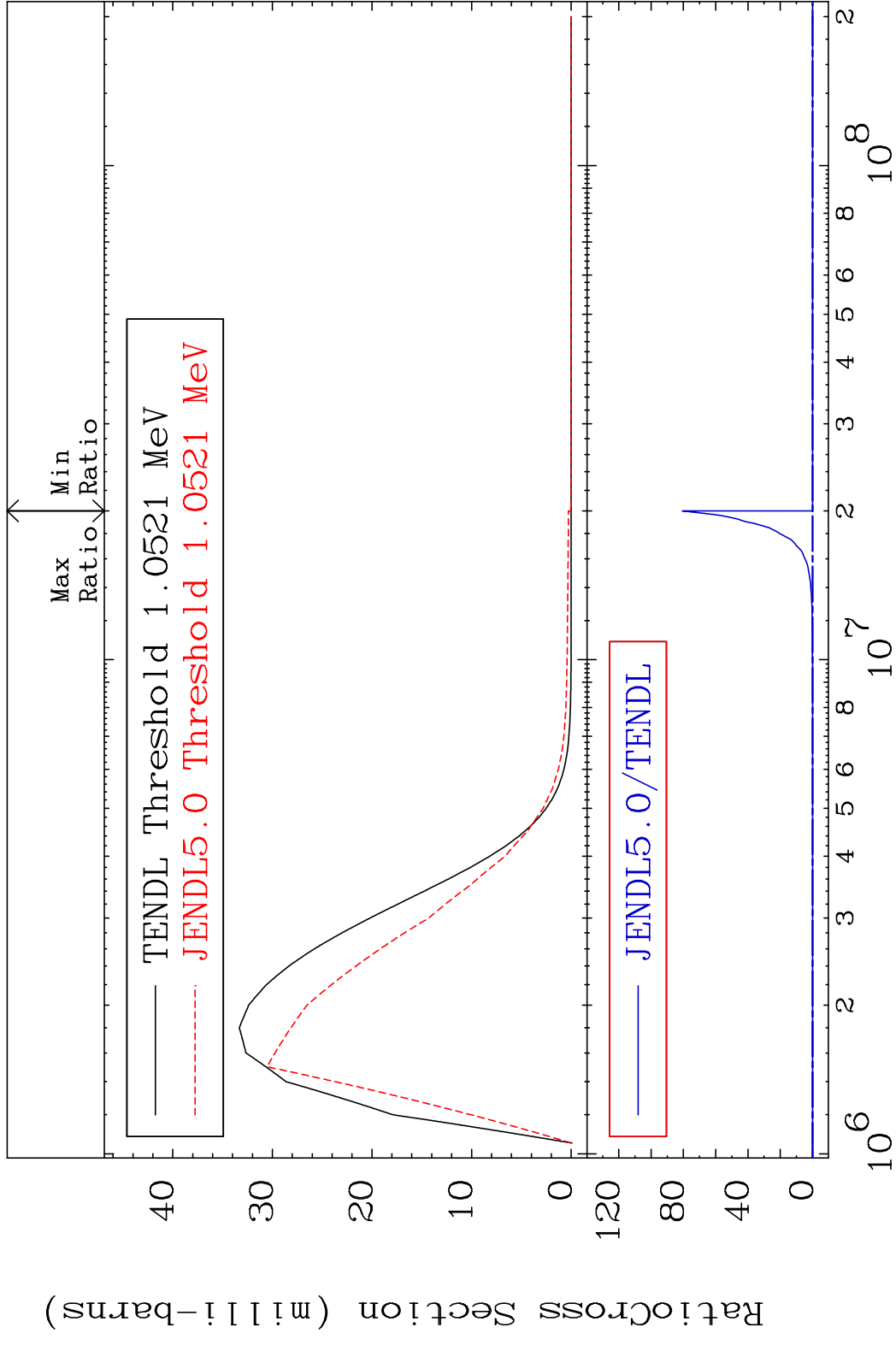
25 35-Br-79

MAT 3525 MT= 67 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



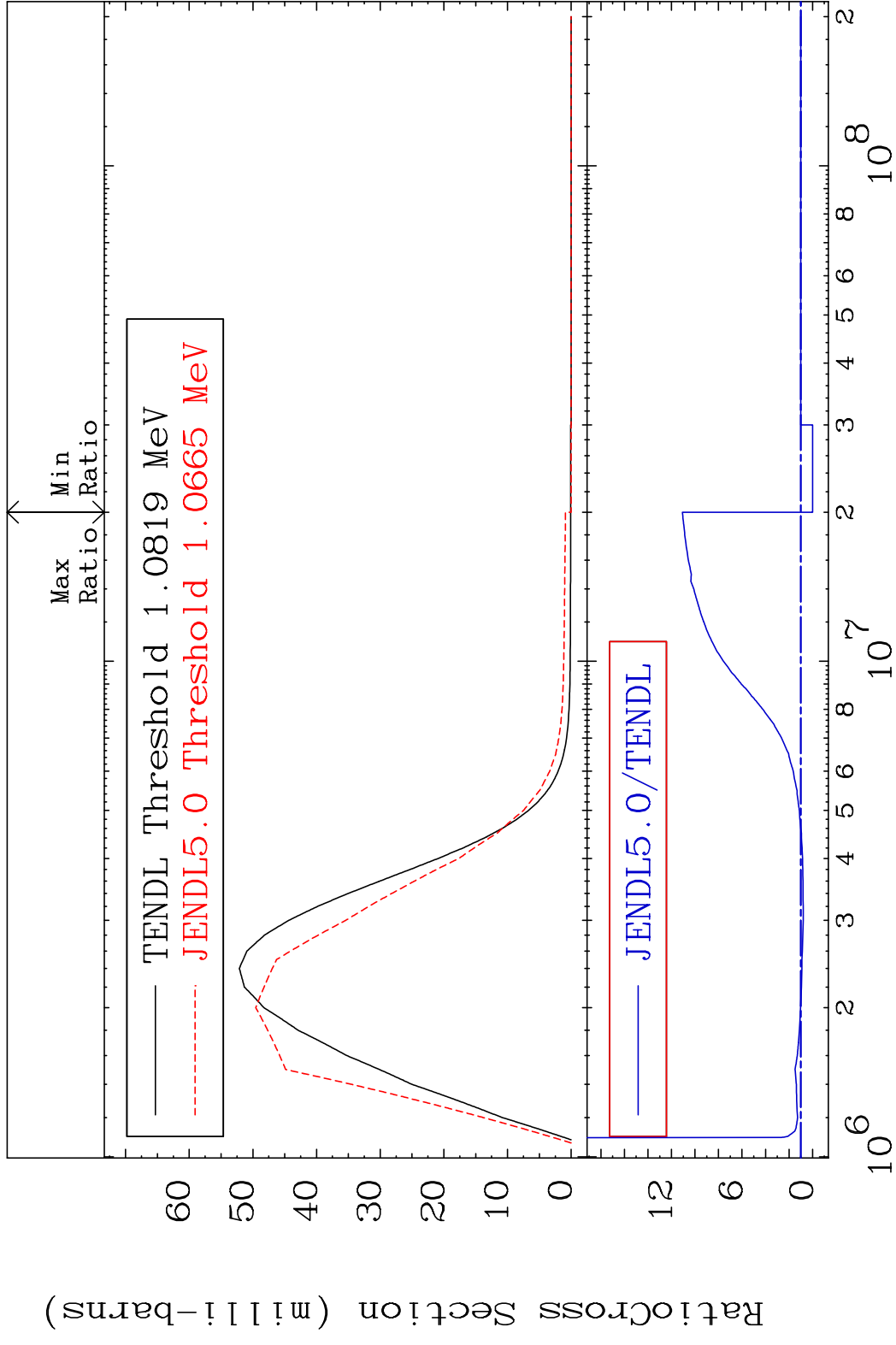
26 Incident Energy (eV) 35-Br-79

MAT 3525 MT= 68 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



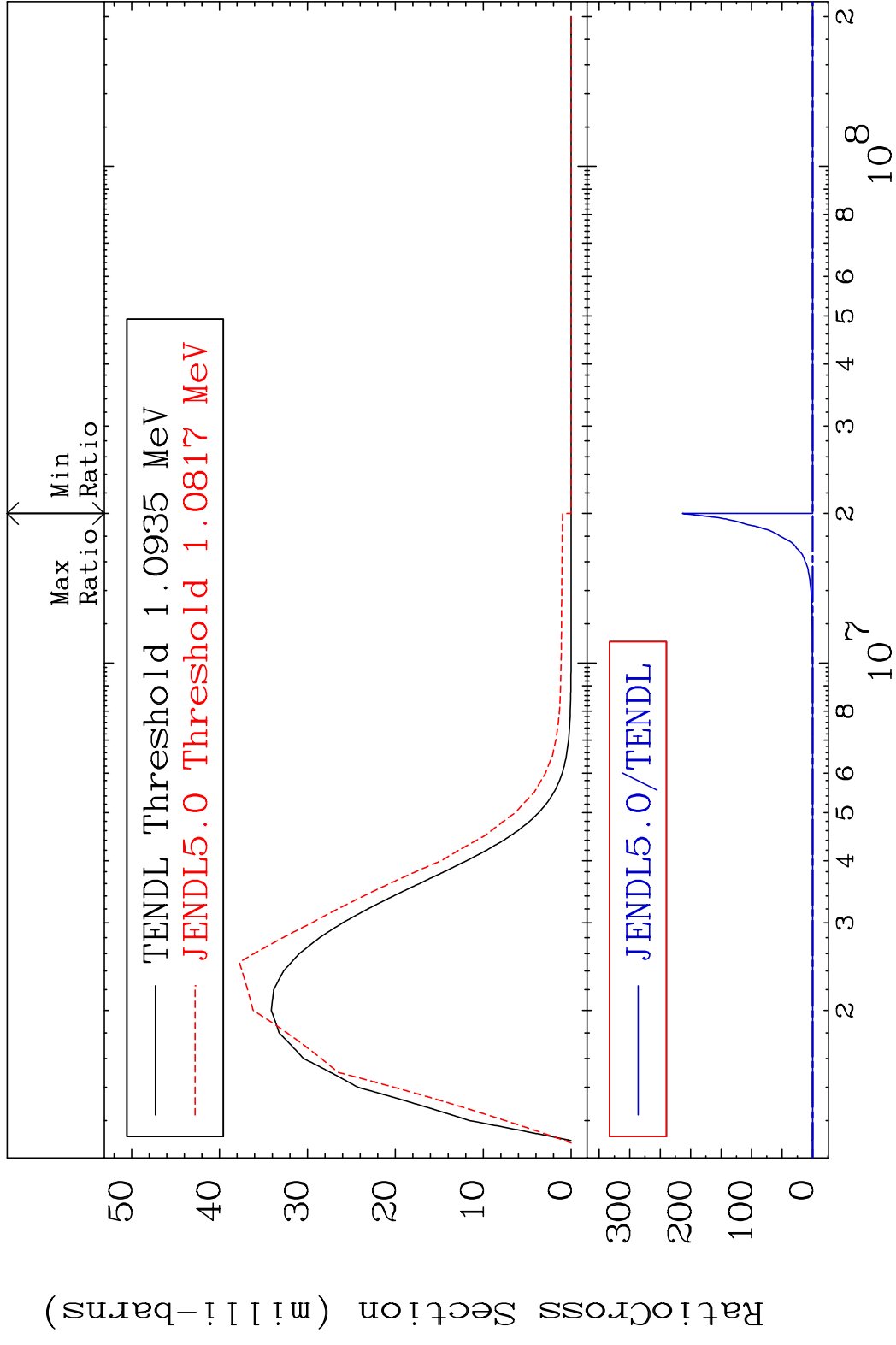
27 Incident Energy (eV) 35-Br-79

MAT 3525 MT= 69 (n, n') Level 35-Br-79
 Cross Section -100.0 To 1007. %

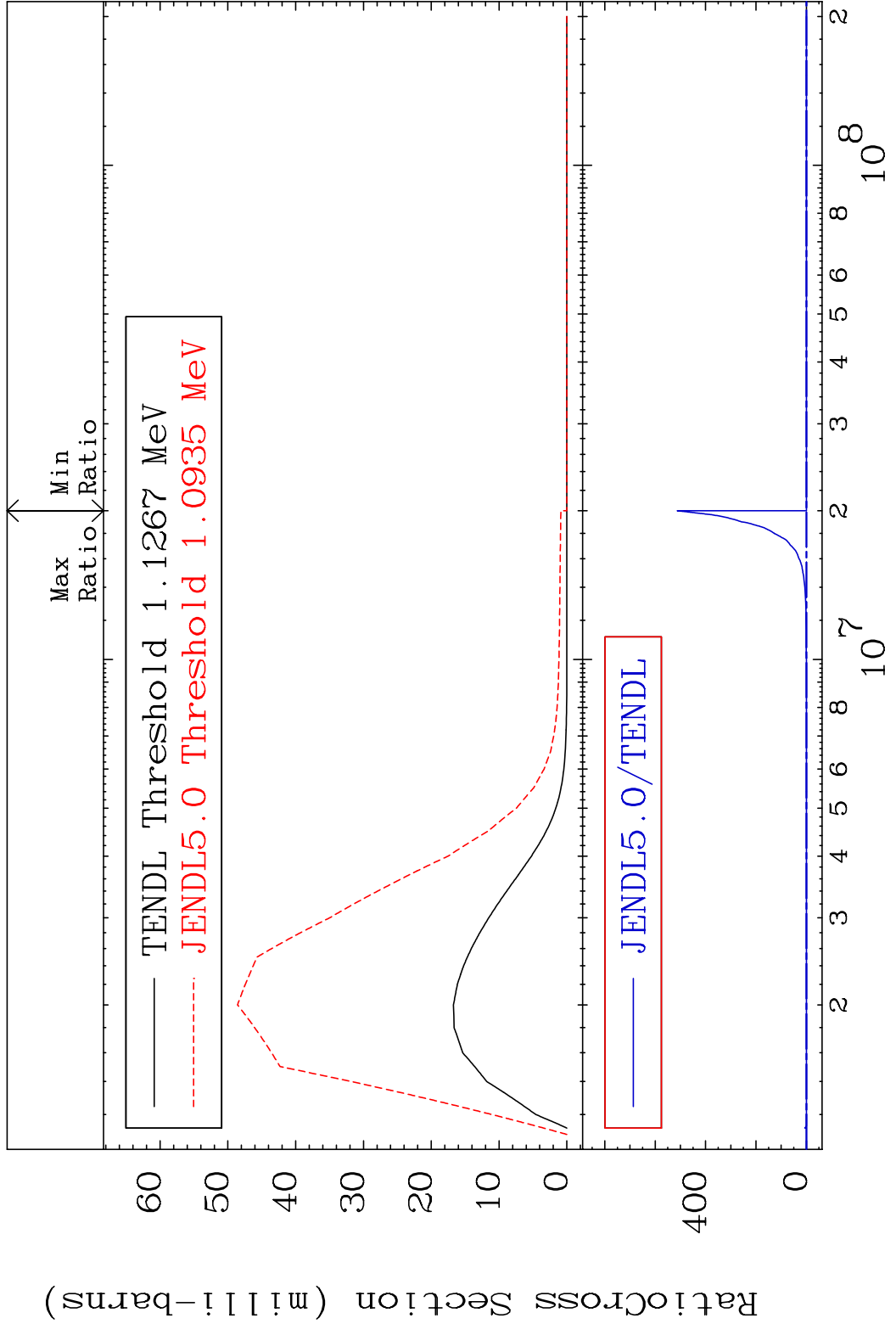


28 Incident Energy (eV) 35-Br-79

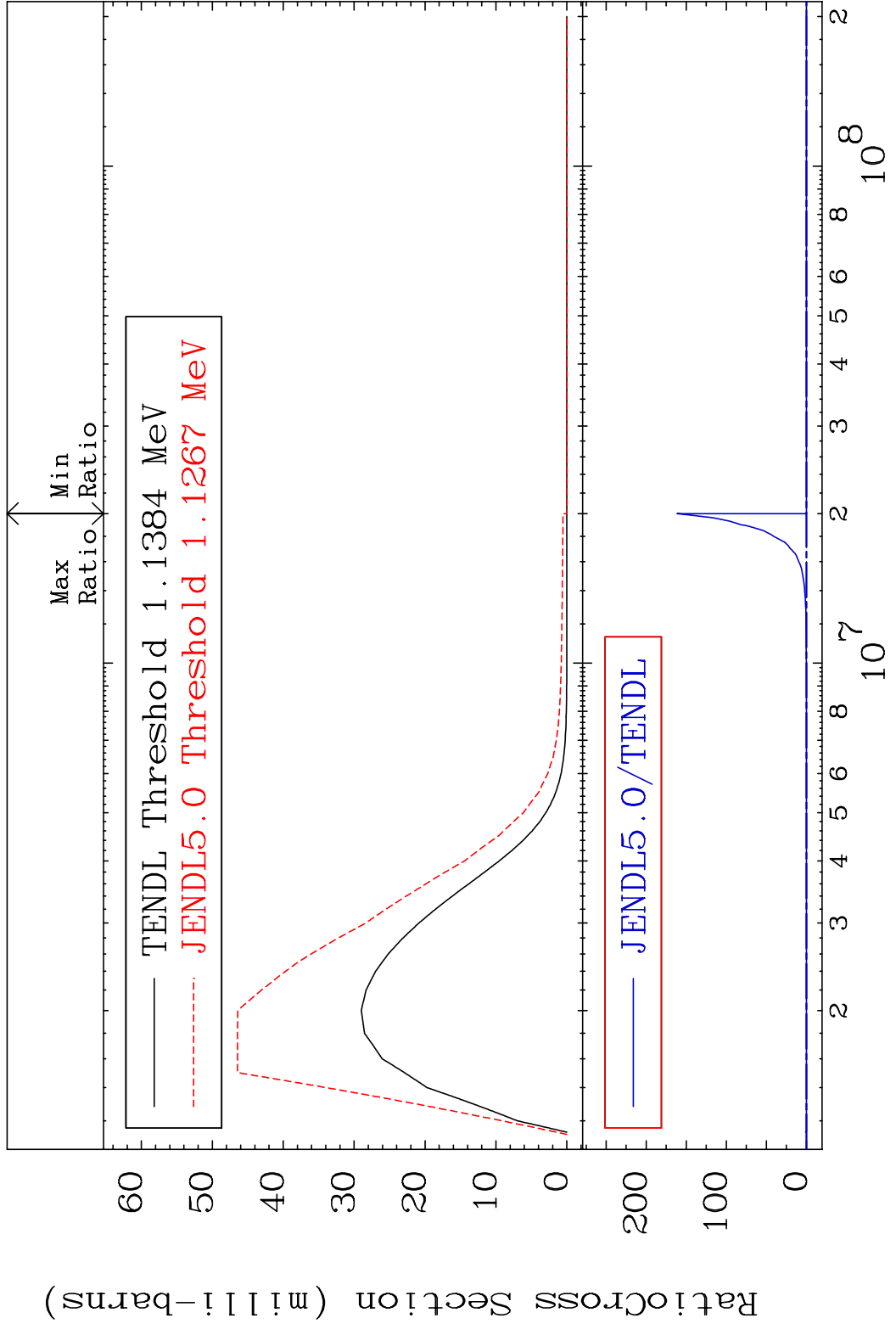
MAT 3525 MT= 70 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



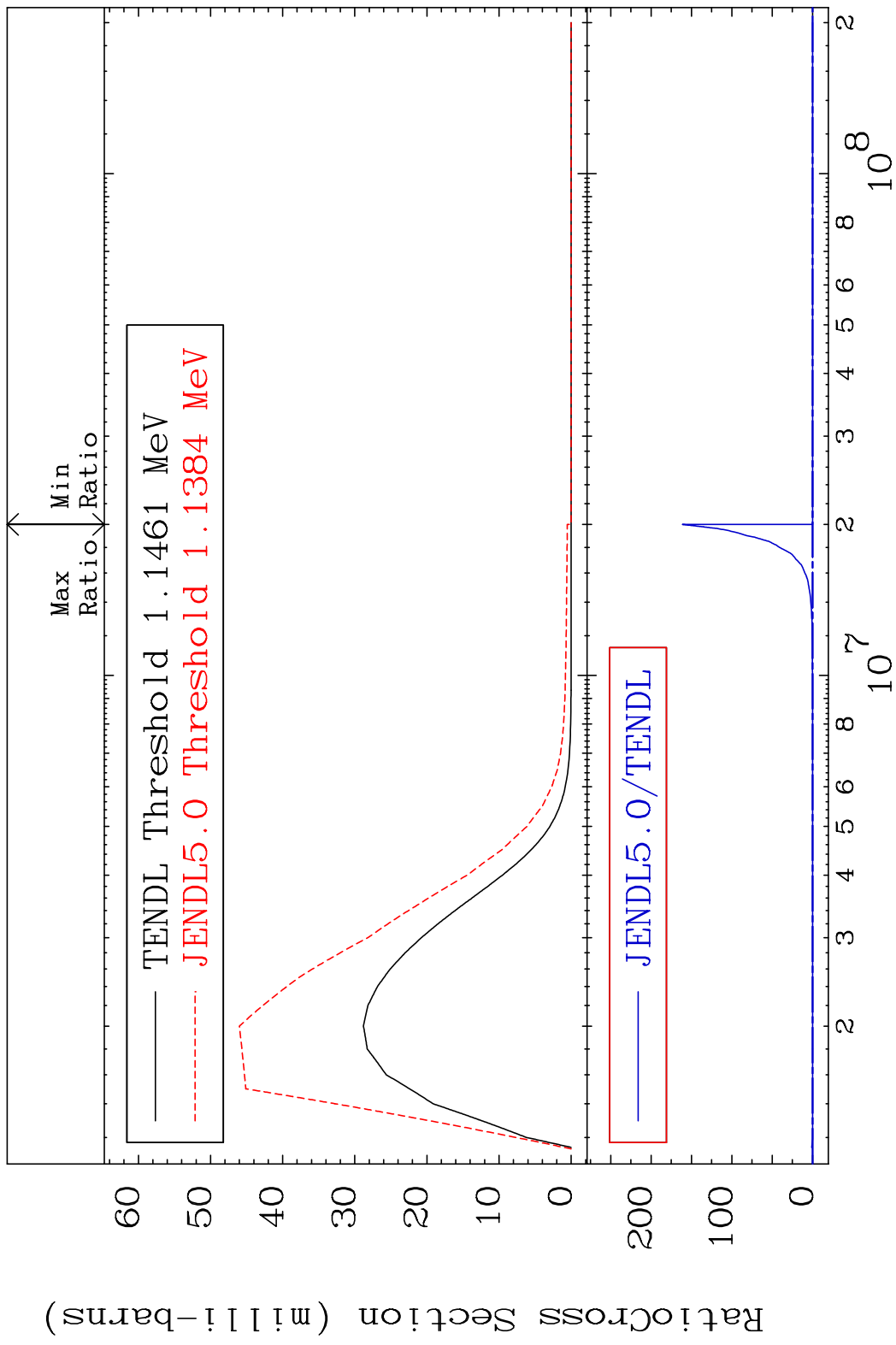
MAT 3525 MT= 71 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



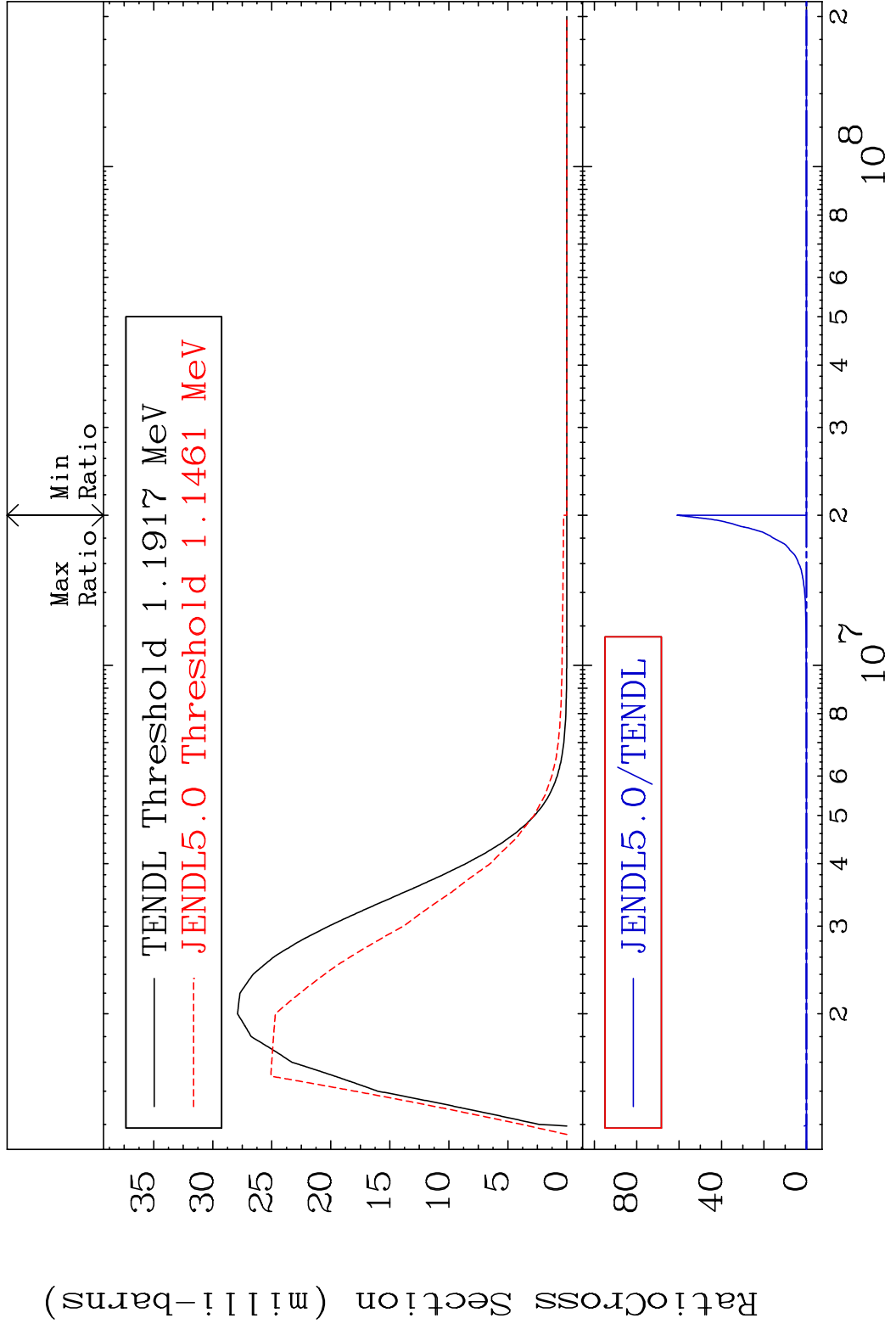
MAT 3525 MT= 72 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



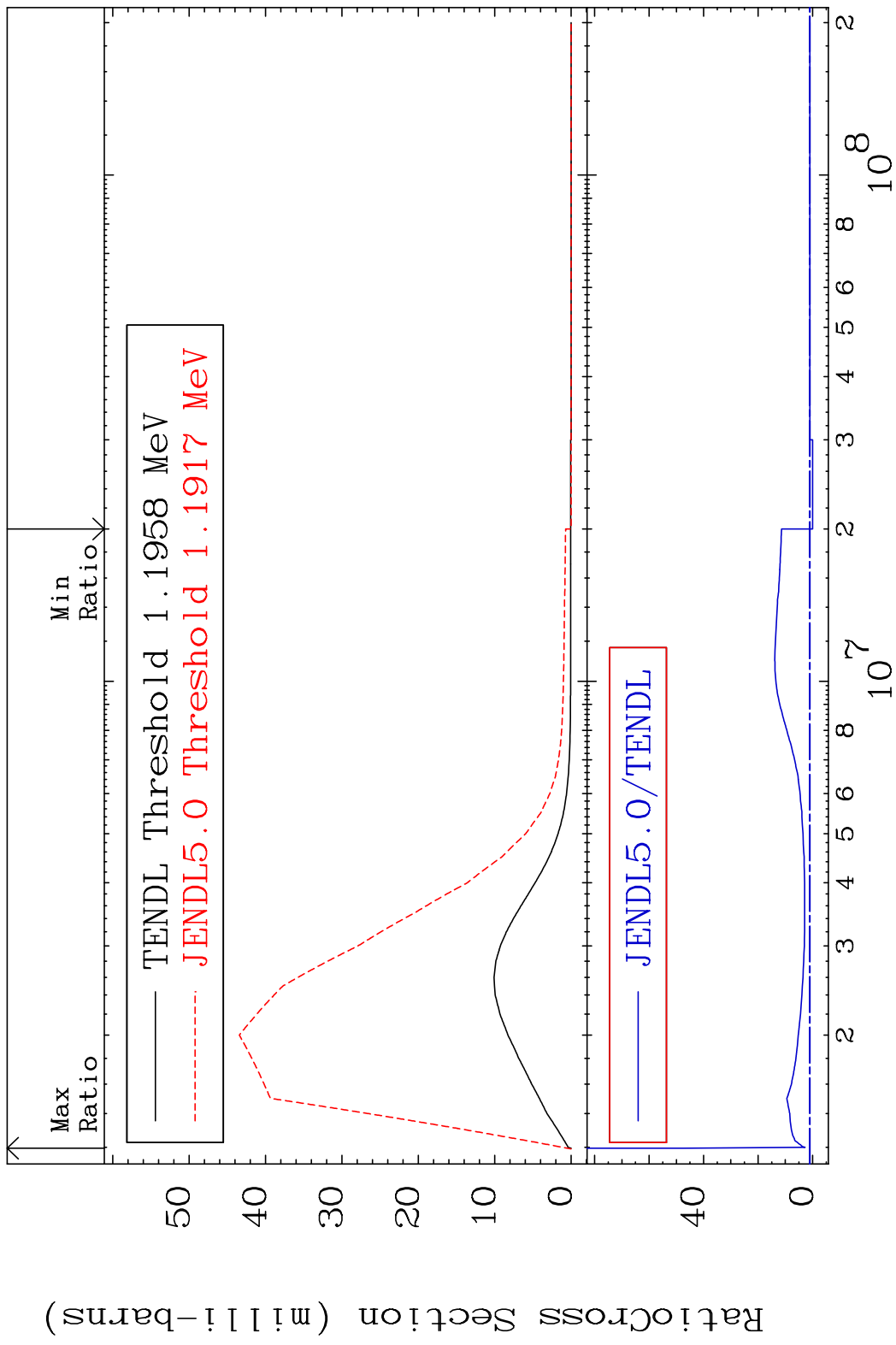
MAT 3525 MT= 73 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



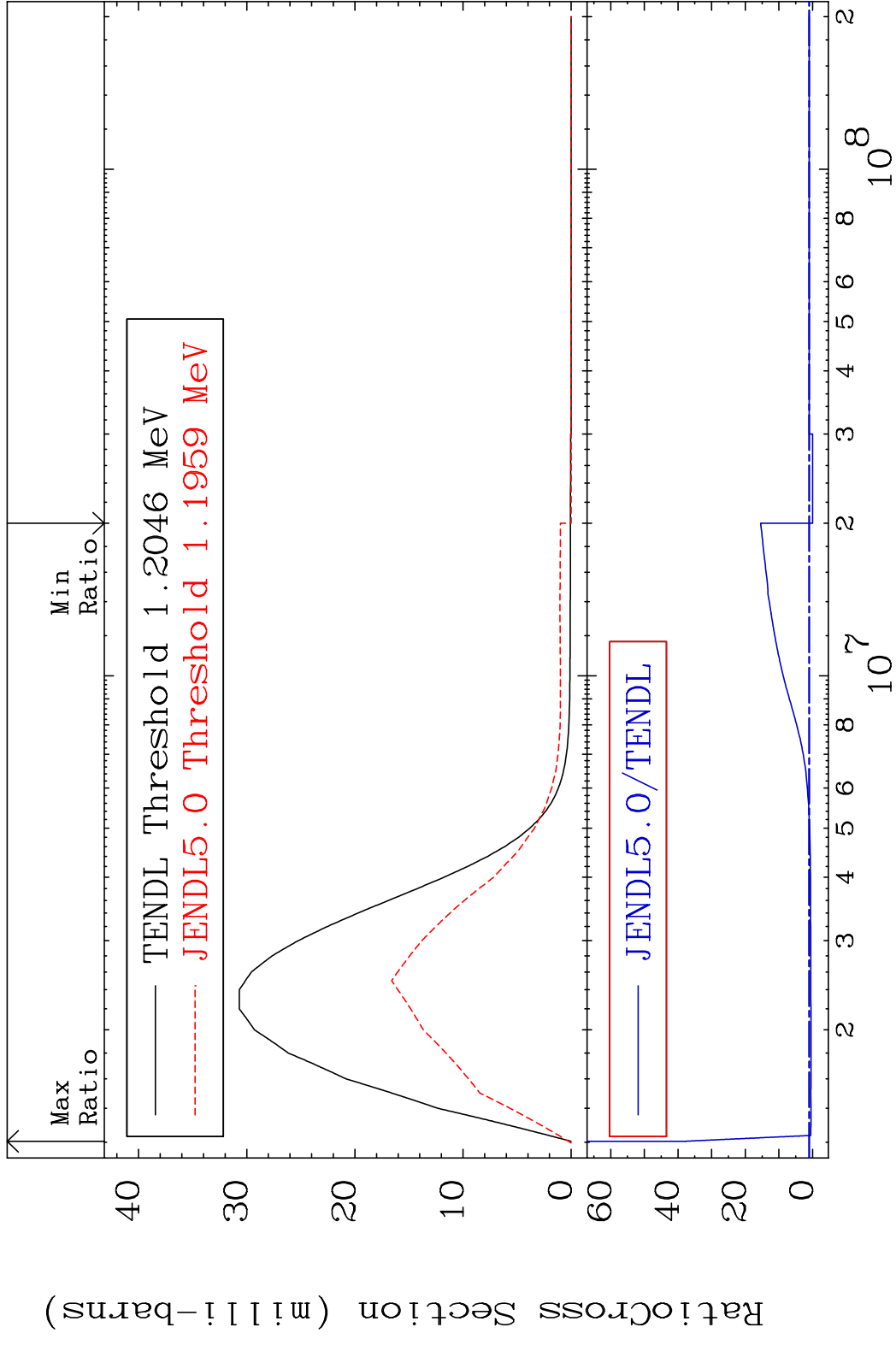
MAT 3525 MT= 74 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



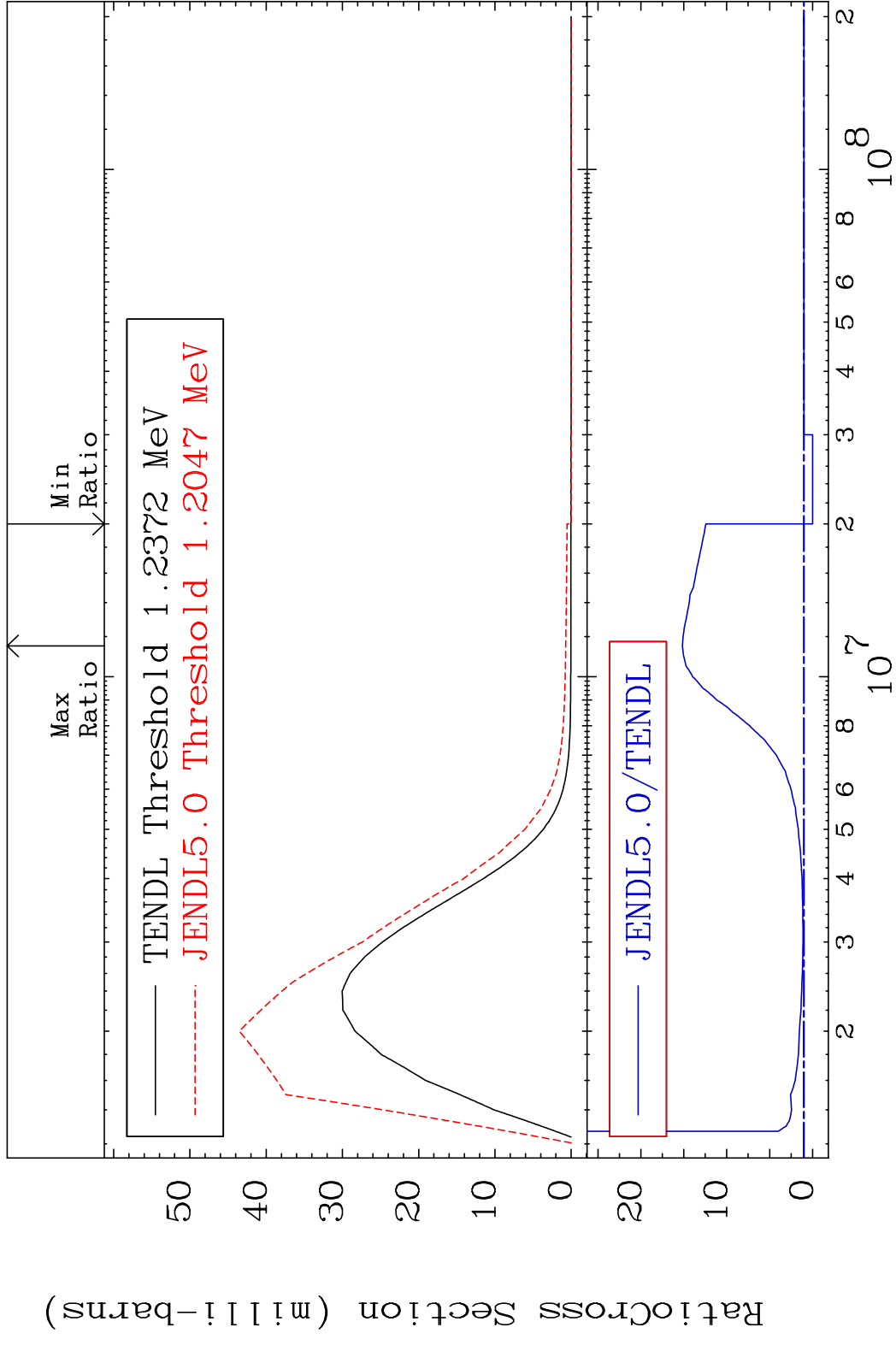
MAT 3525 MT= 75 (n, n') Level 35-Br-79
 Cross Section -100.0 To 4680. %



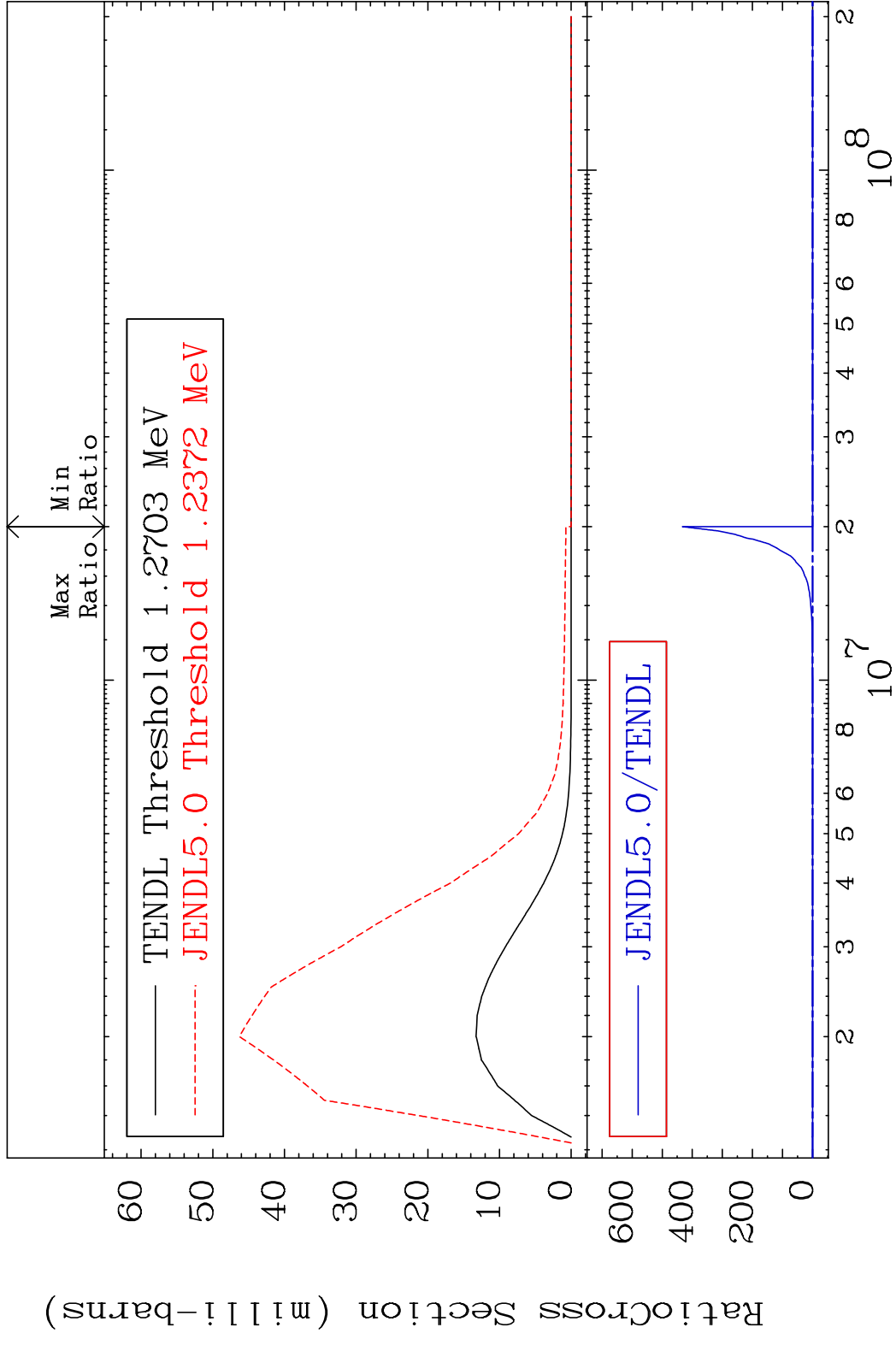
MAT 3525 MT= 76 (n, n') Level 35-Br-79
 Cross Section -100.0 To 3770. %



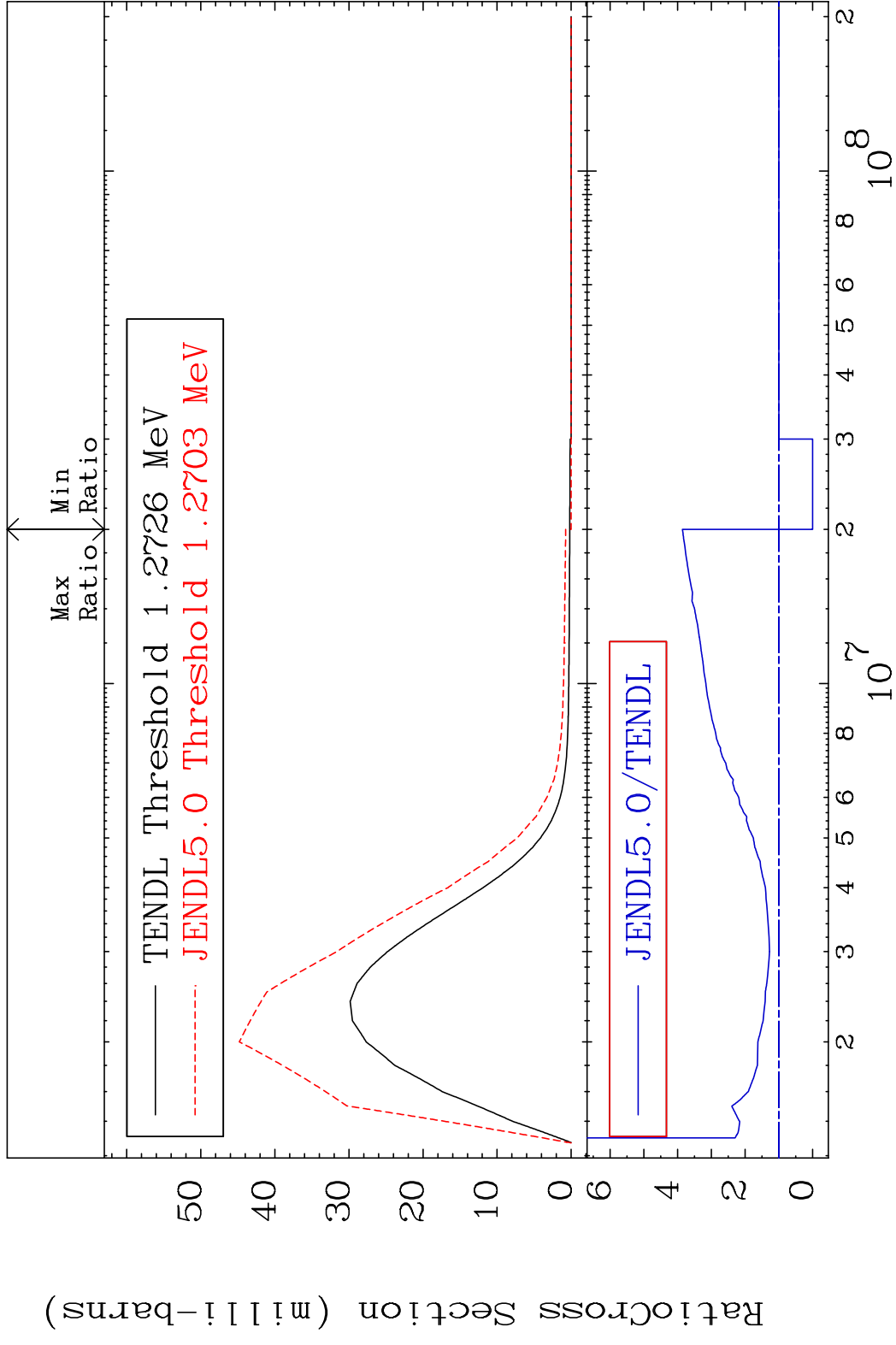
MAT 3525 MT= 77 (n, n') Level 35-Br-79
 Cross Section -100.0 To 1417. %



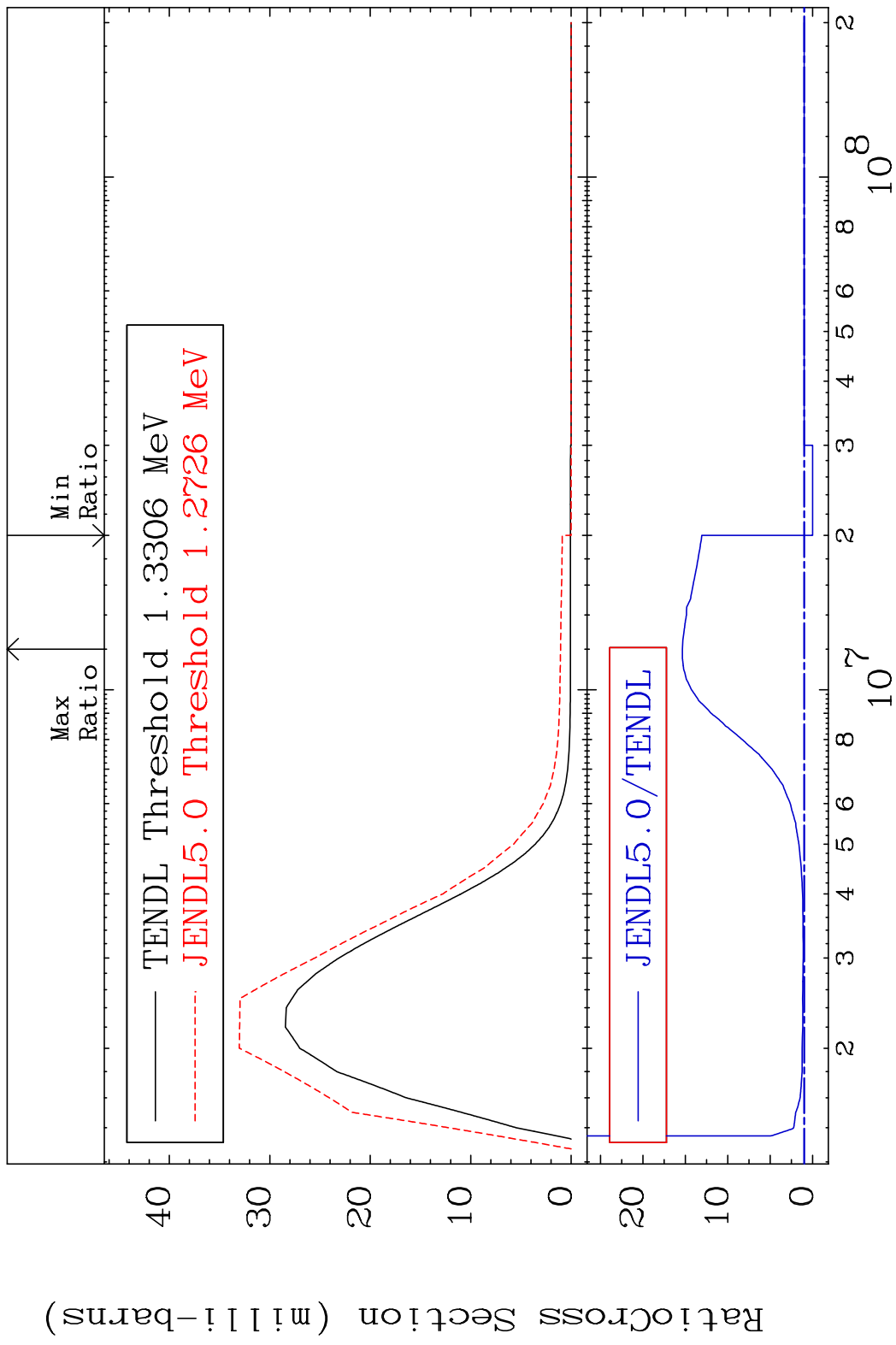
MAT 3525 MT= 78 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



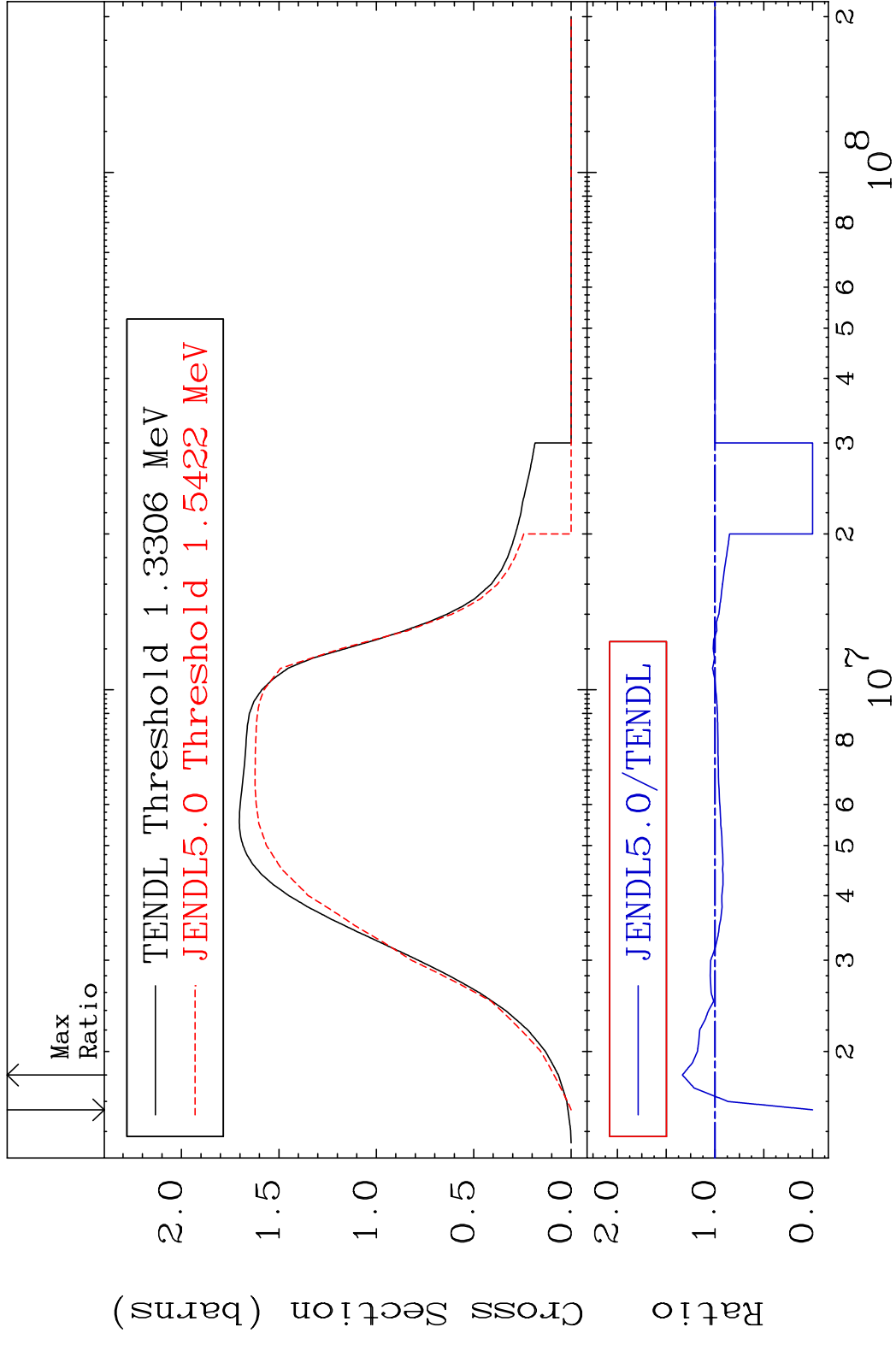
MAT 3525 MT= 79 (n, n') Level 35-Br-79
 Cross Section -100.0 To 285.9 %



MAT 3525 MT= 80 (n, n') Level 35-Br-79
 Cross Section -100.0 To 1435. %



MAT 3525 (n,n') Continuum 35-Br-79
 Cross Section -100.0 To 33.49 %



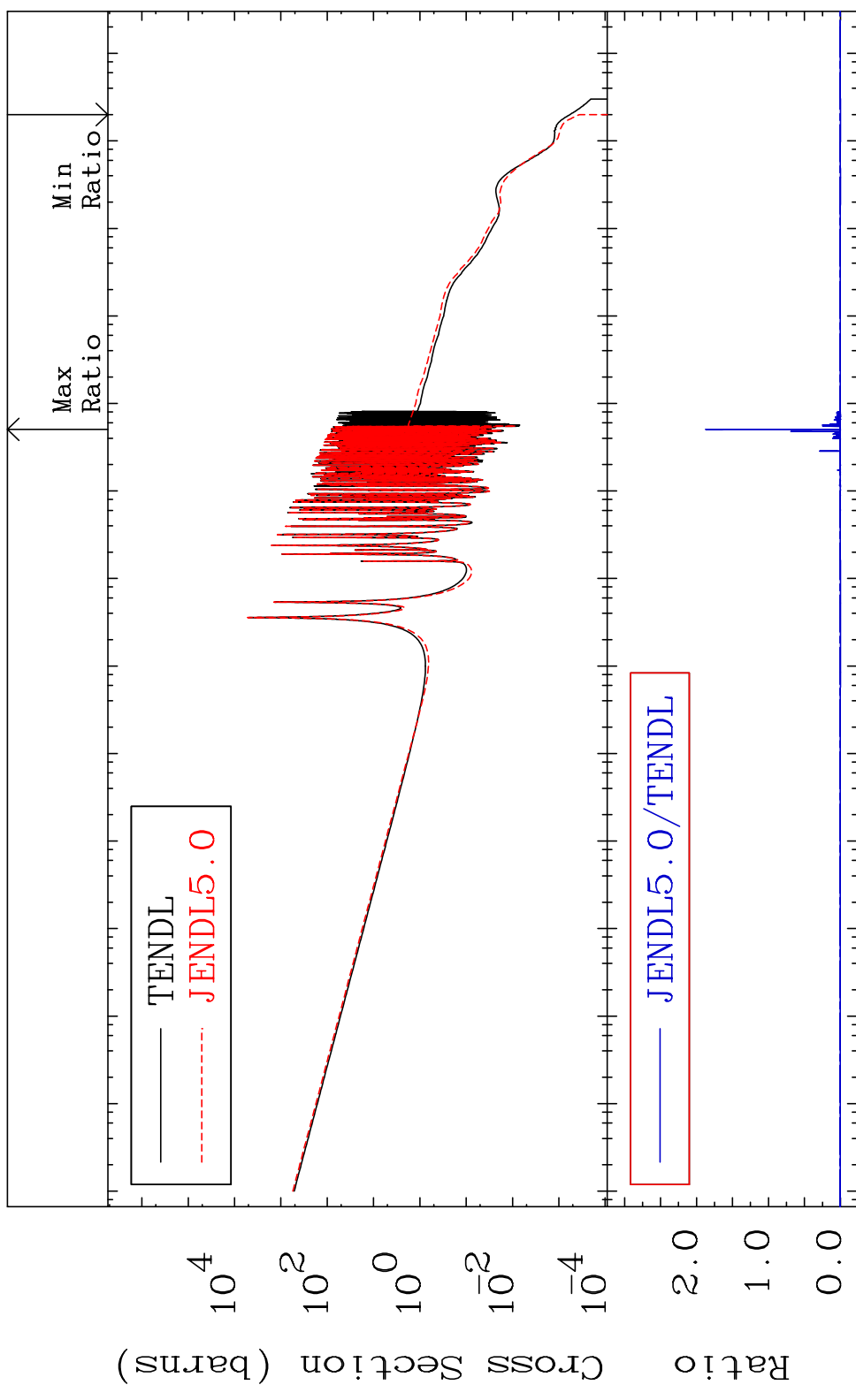
40 Incident Energy (eV) 35-Br-79

MAT 3525

(n, γ)

35-Br-79

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

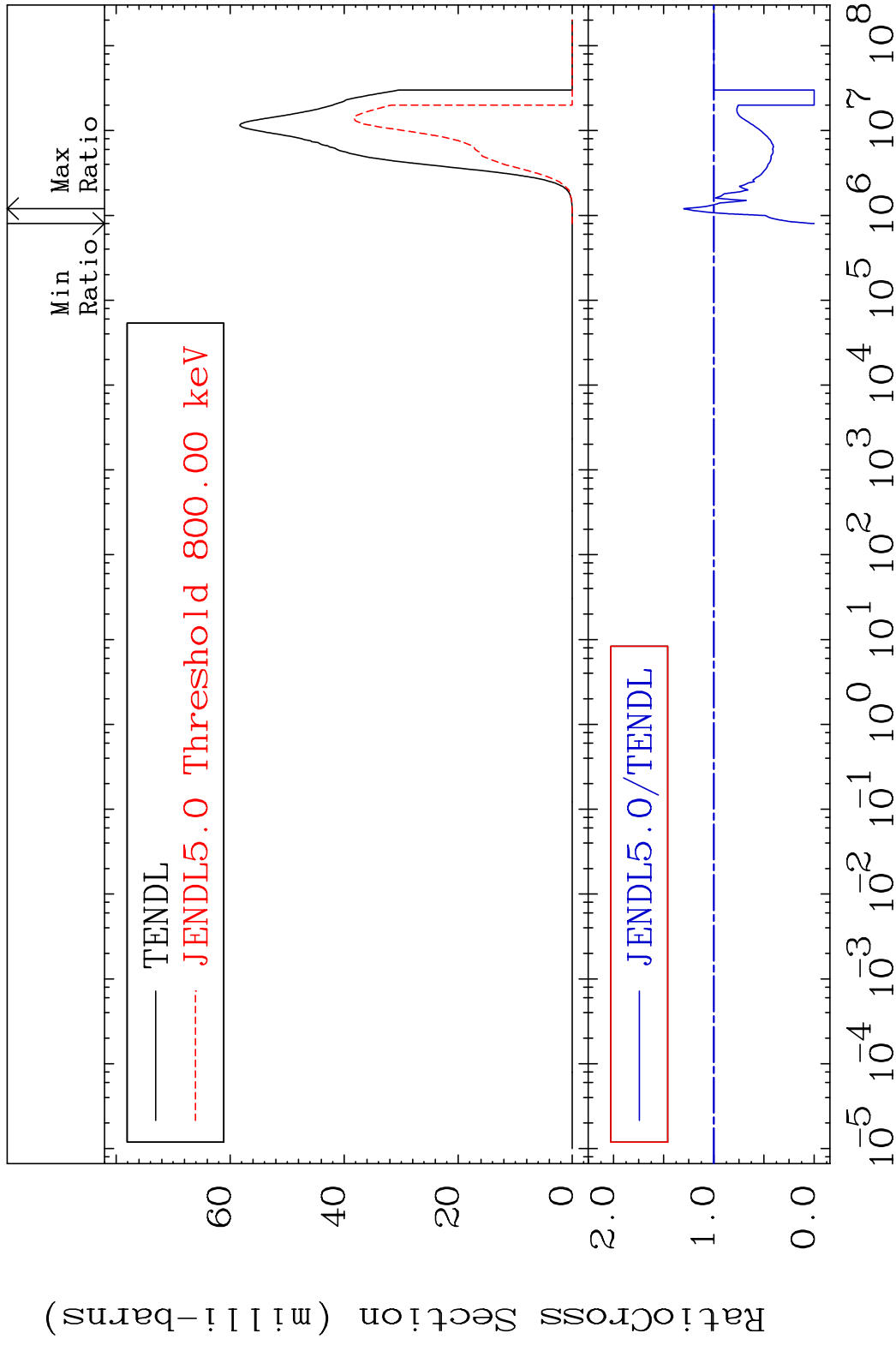
35-Br-79

MAT 3525

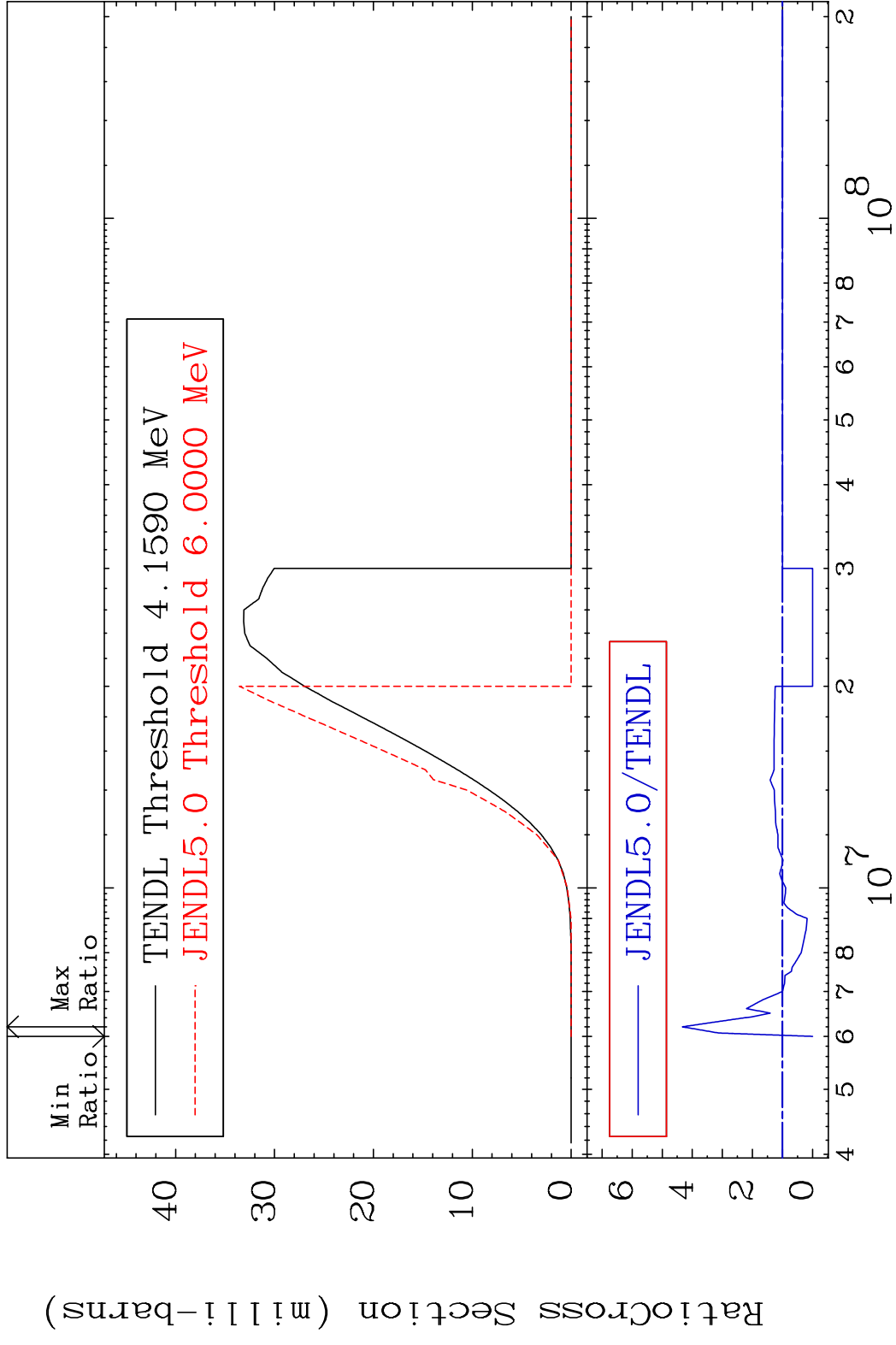
(n, p)

35-Br-79

Cross Section -100.0 To 30.09 %

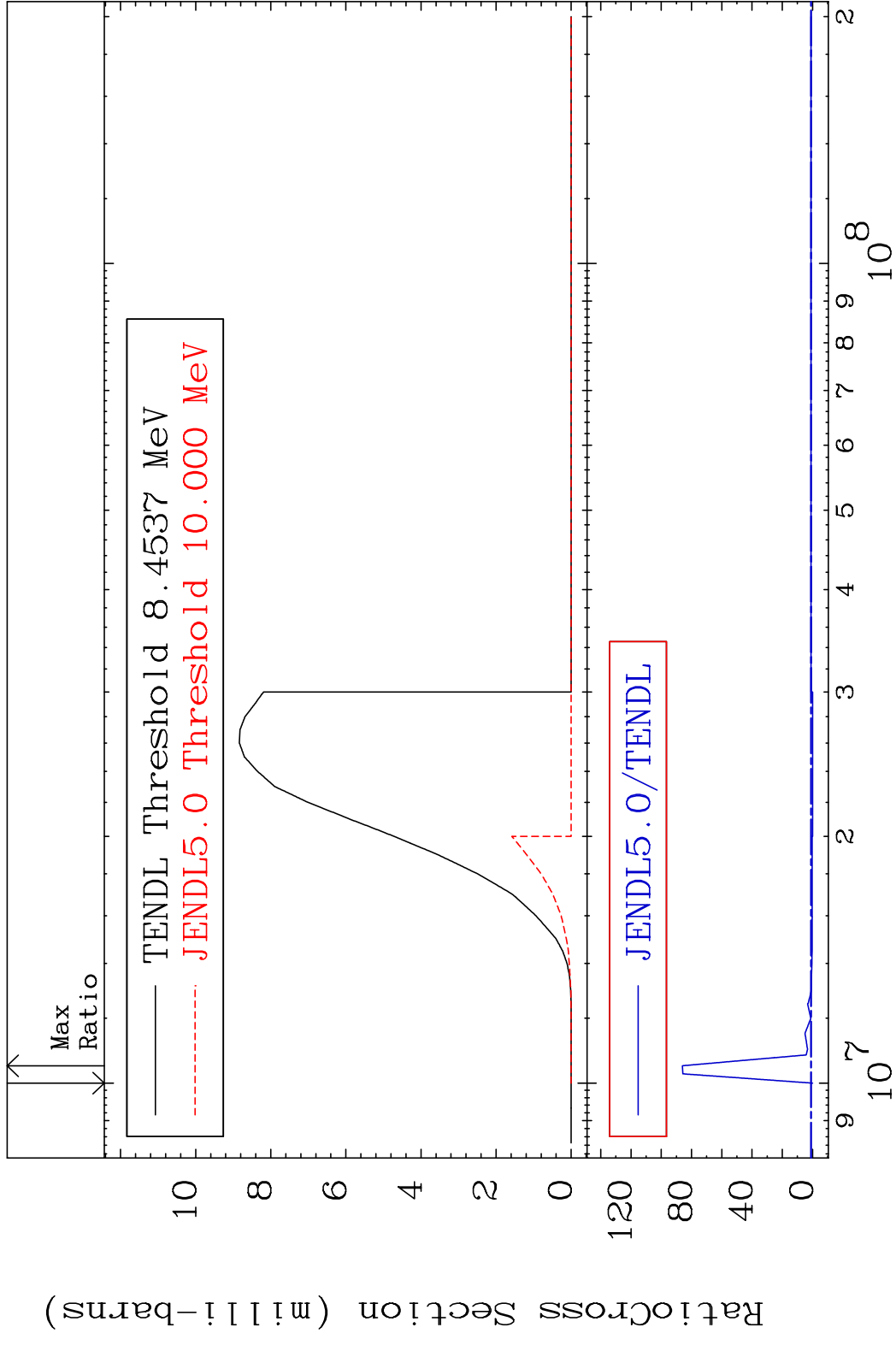


MAT 3525 (n,d) 35-Br-79
 Cross Section -100.0 To 333.0 %



43 Incident Energy (eV) 35-Br-79

MAT 3525 (n, t) 35-Br-79
 Cross Section -100.0 To 8505. %

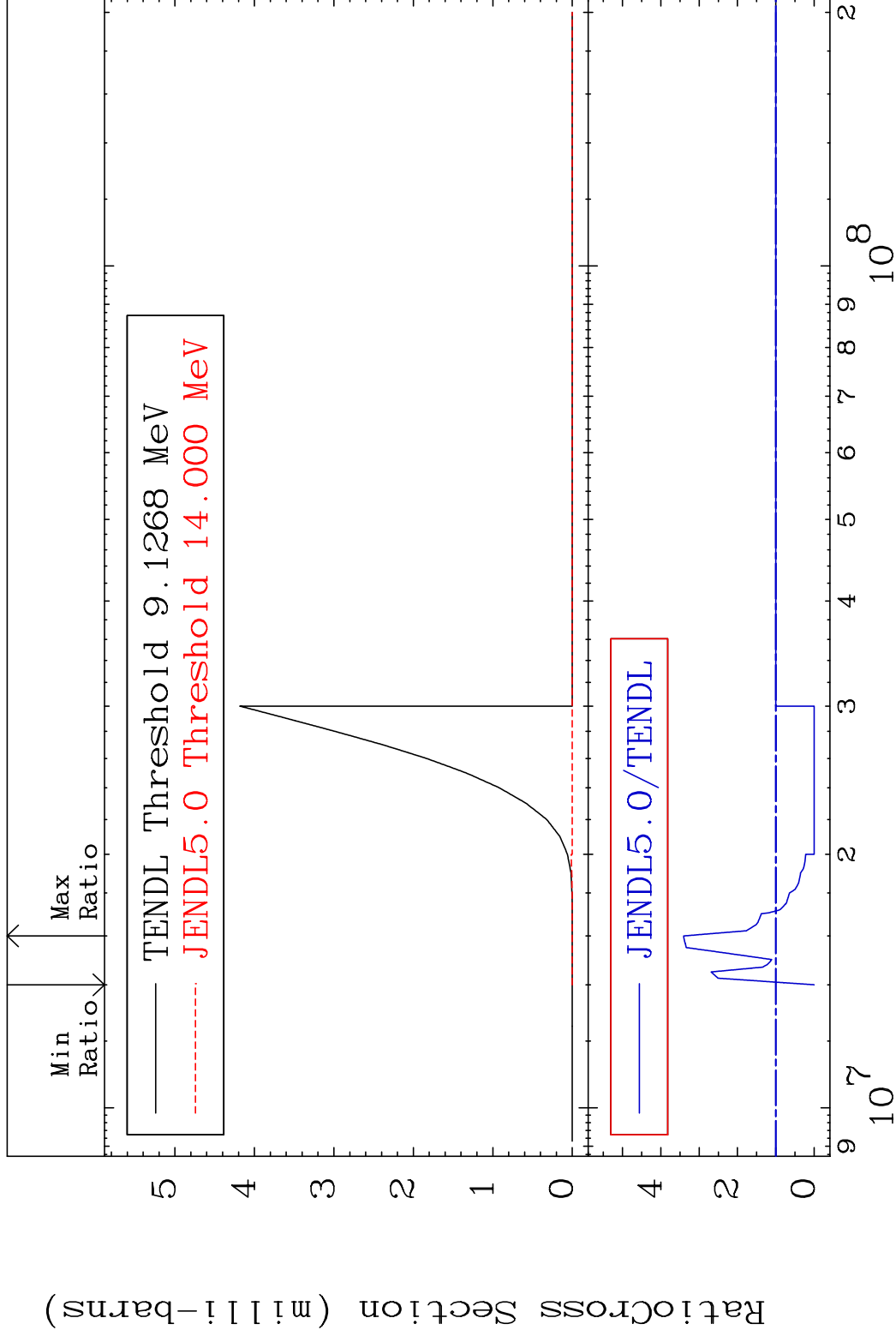


MAT 3525

(n, He-3)

35-Br-79

Cross Section -100.0 To 240.5 %



45

Incident Energy (eV)

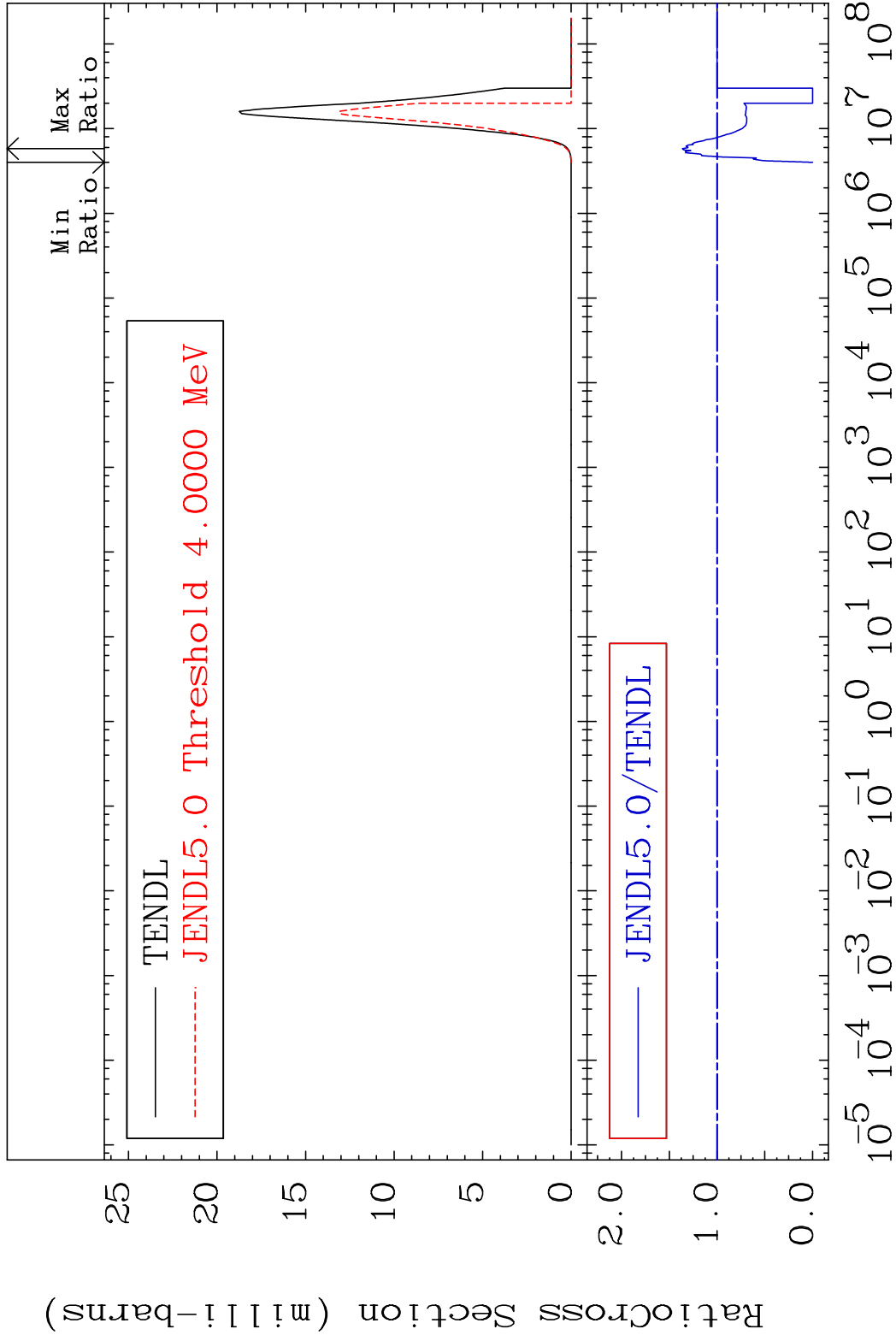
35-Br-79

MAT 3525

(n, α)

35-Br-79

Cross Section -100.0 To 36.33 %



46

Incident Energy (eV)

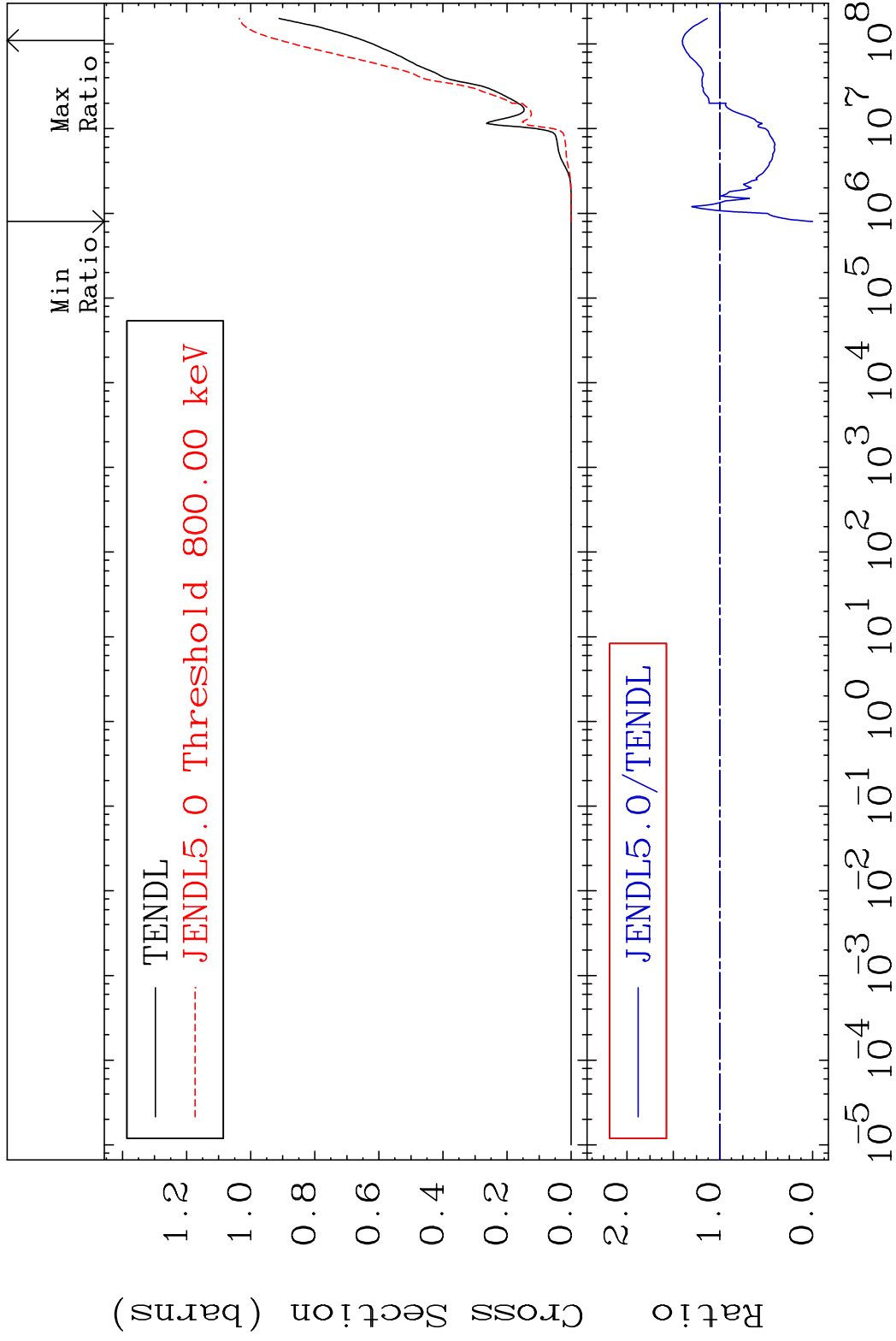
35-Br-79

MAT 3525

Hydrogen Production

35-Br-79

Cross Section -100.0 To 40.26 %



47

Incident Energy (eV)

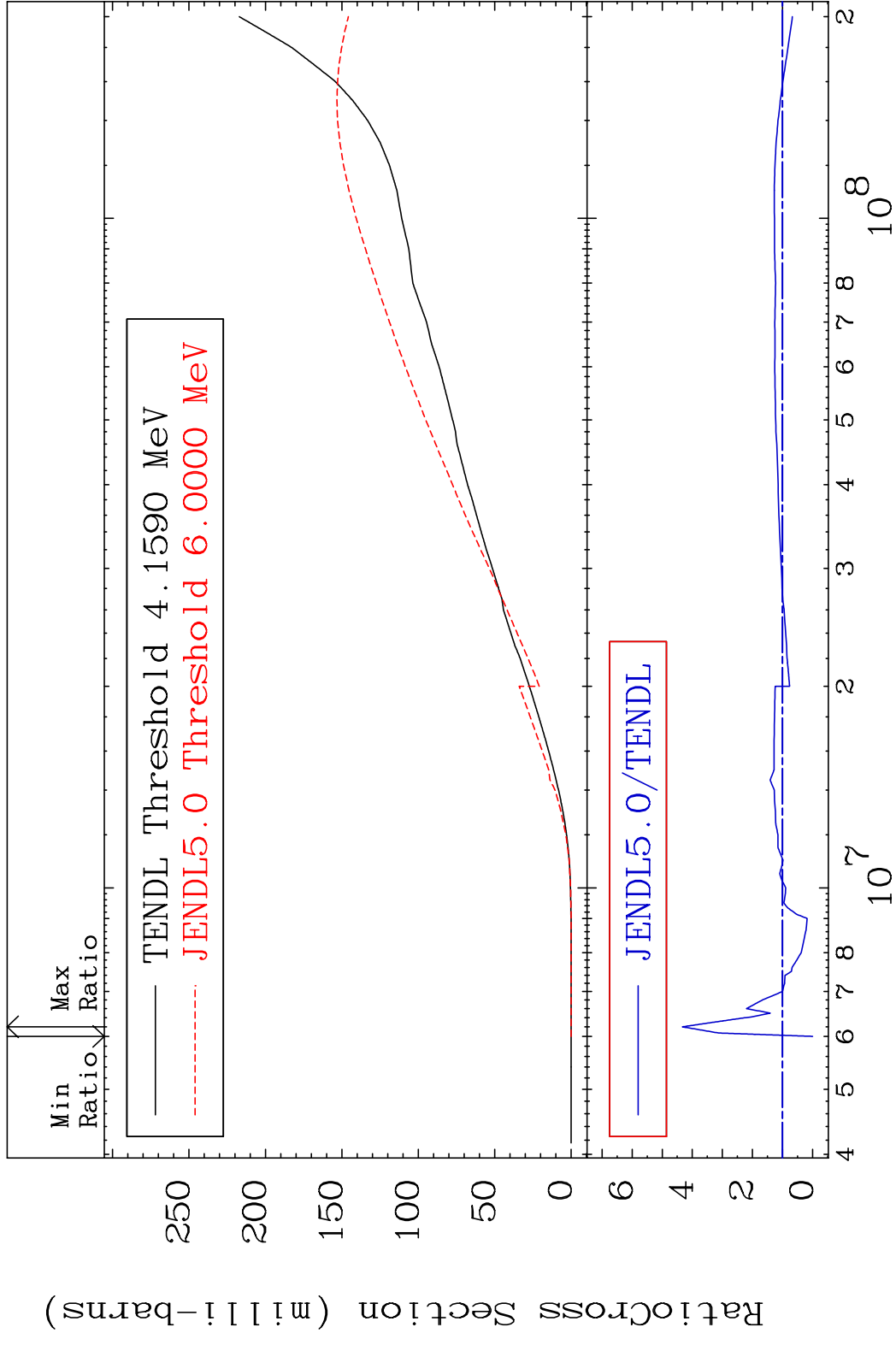
35-Br-79

MAT 3525

Deuterium Production

35-Br-79

Cross Section -100.0 To 333.0 %

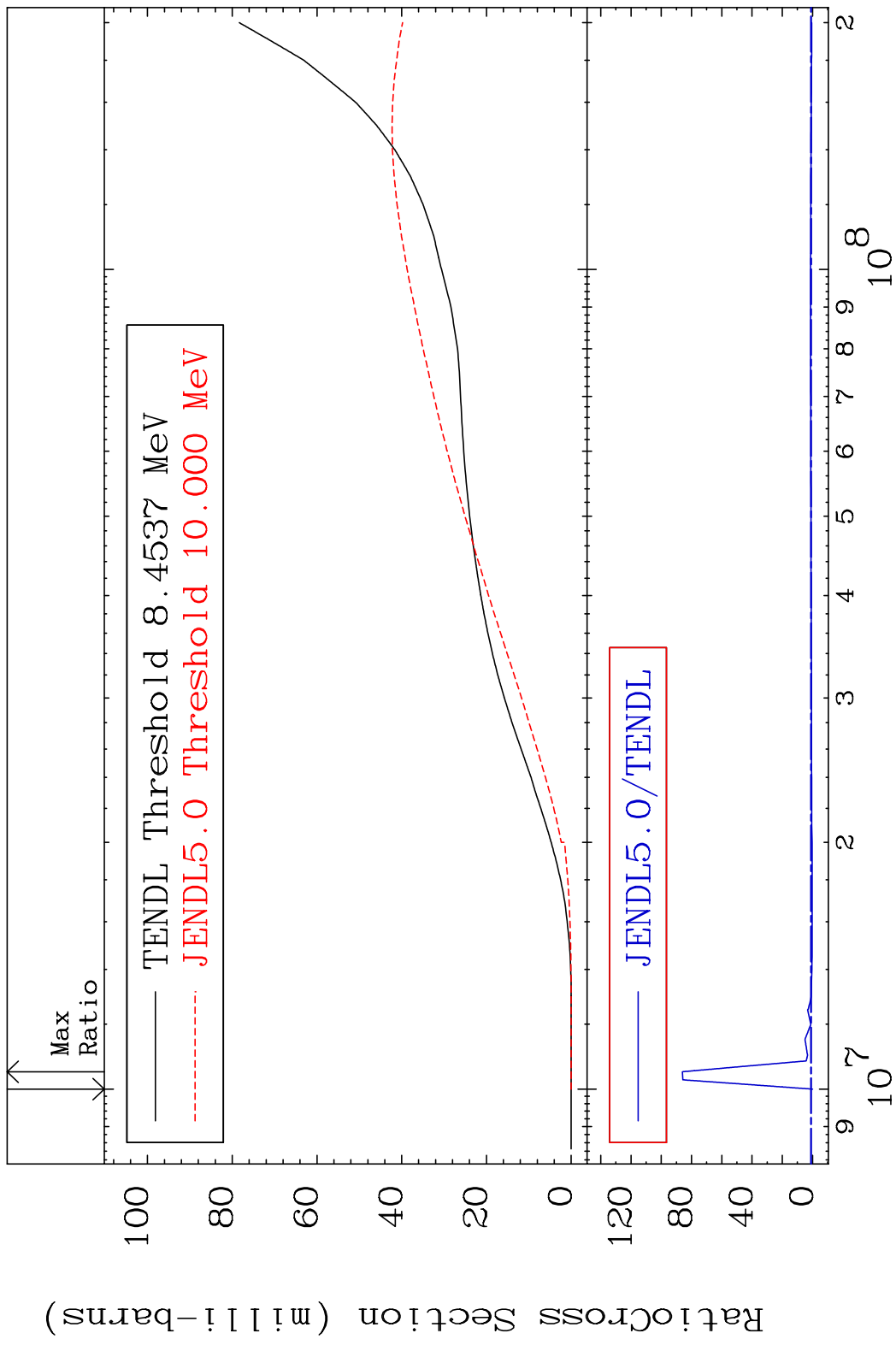


48

Incident Energy (eV)

35-Br-79

MAT 3525 Tritium Production 35-Br-79
 Cross Section -100.0 To 8505. %



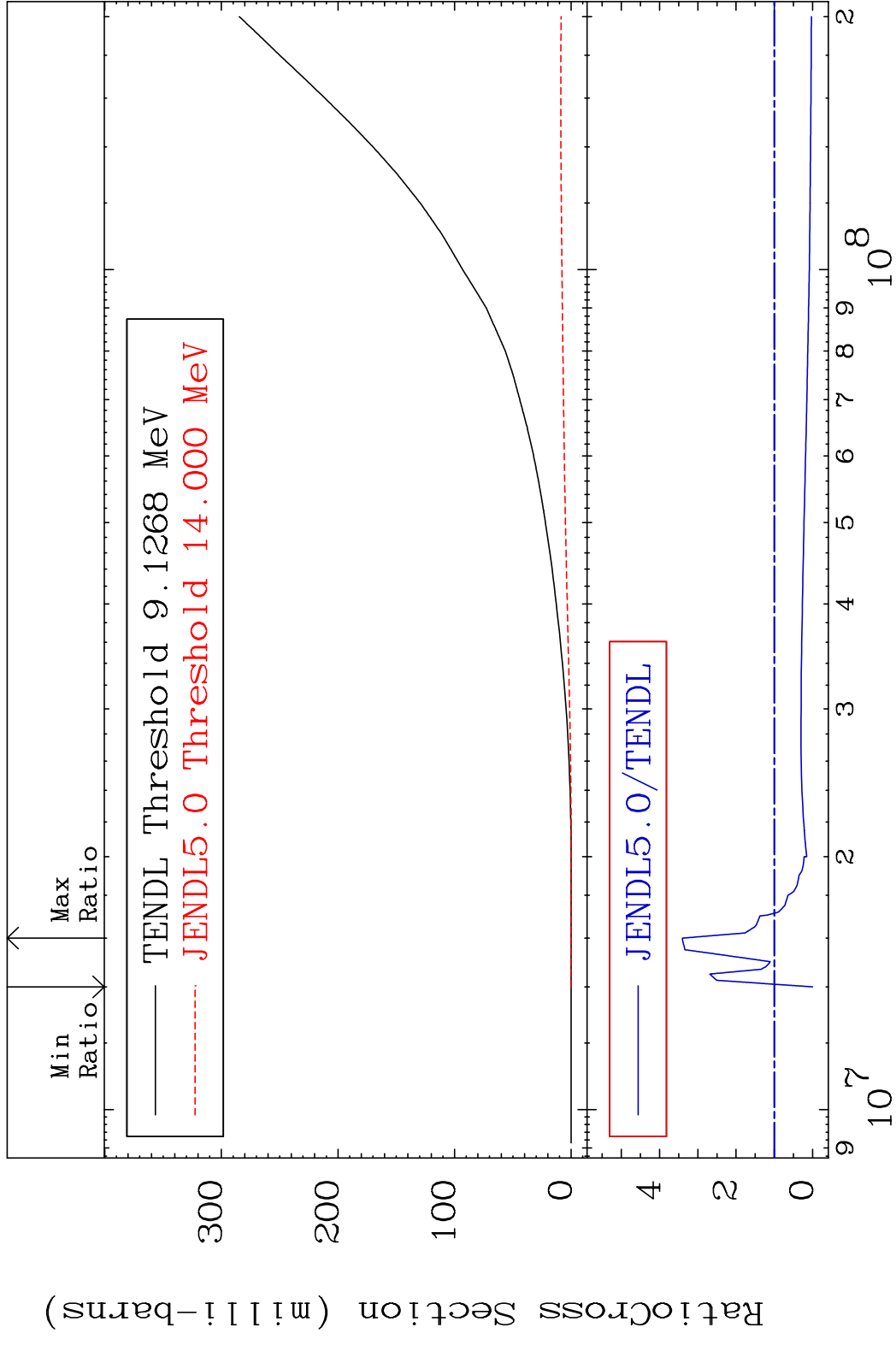
49 Incident Energy (eV) 35-Br-79

MAT 3525

He-3 Production

35-Br-79

Cross Section -100.0 To 240.5 %



50

Incident Energy (eV)

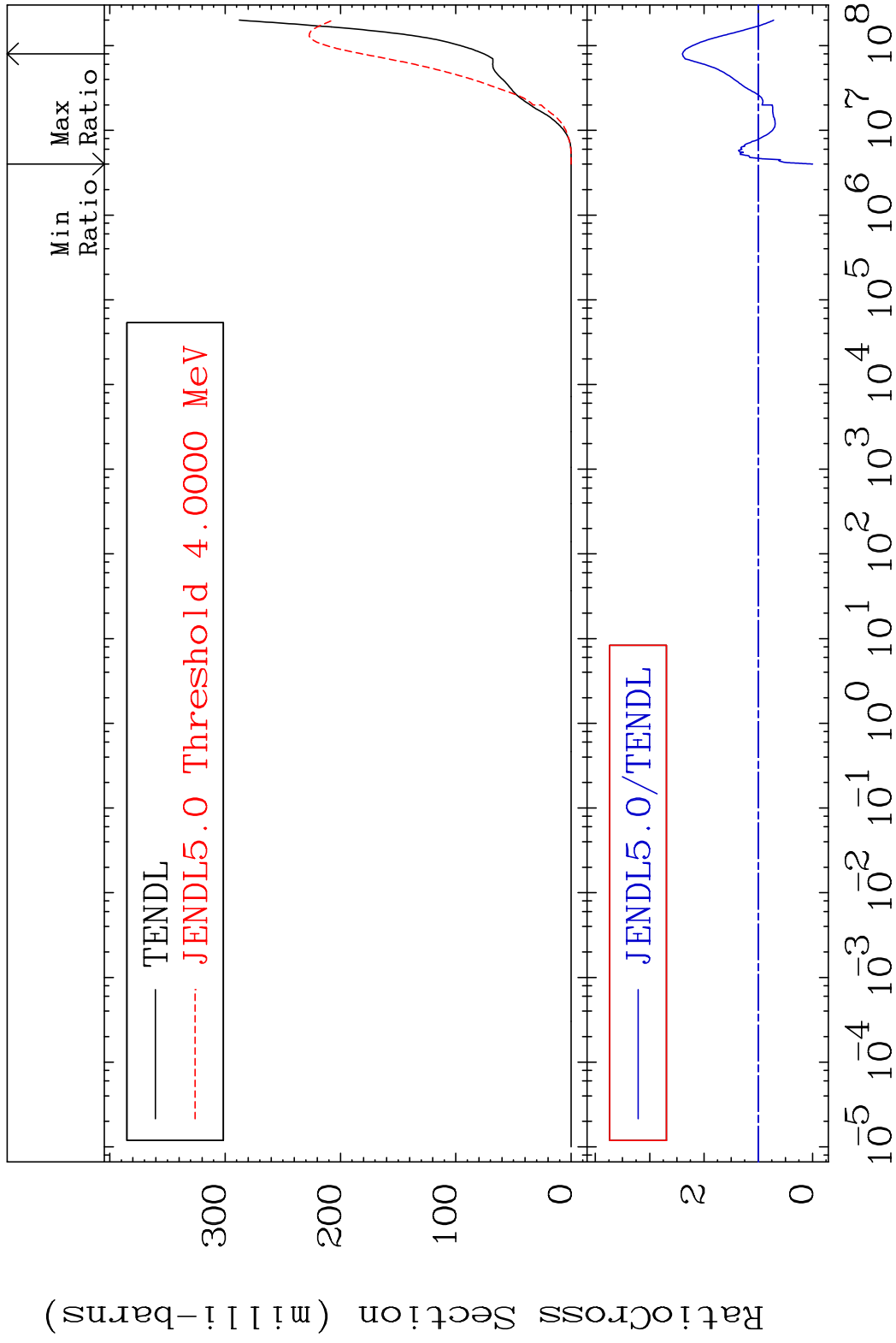
35-Br-79

MAT 3525

He-4 Production

35-Br-79

Cross Section -100.0 To 139.8 %

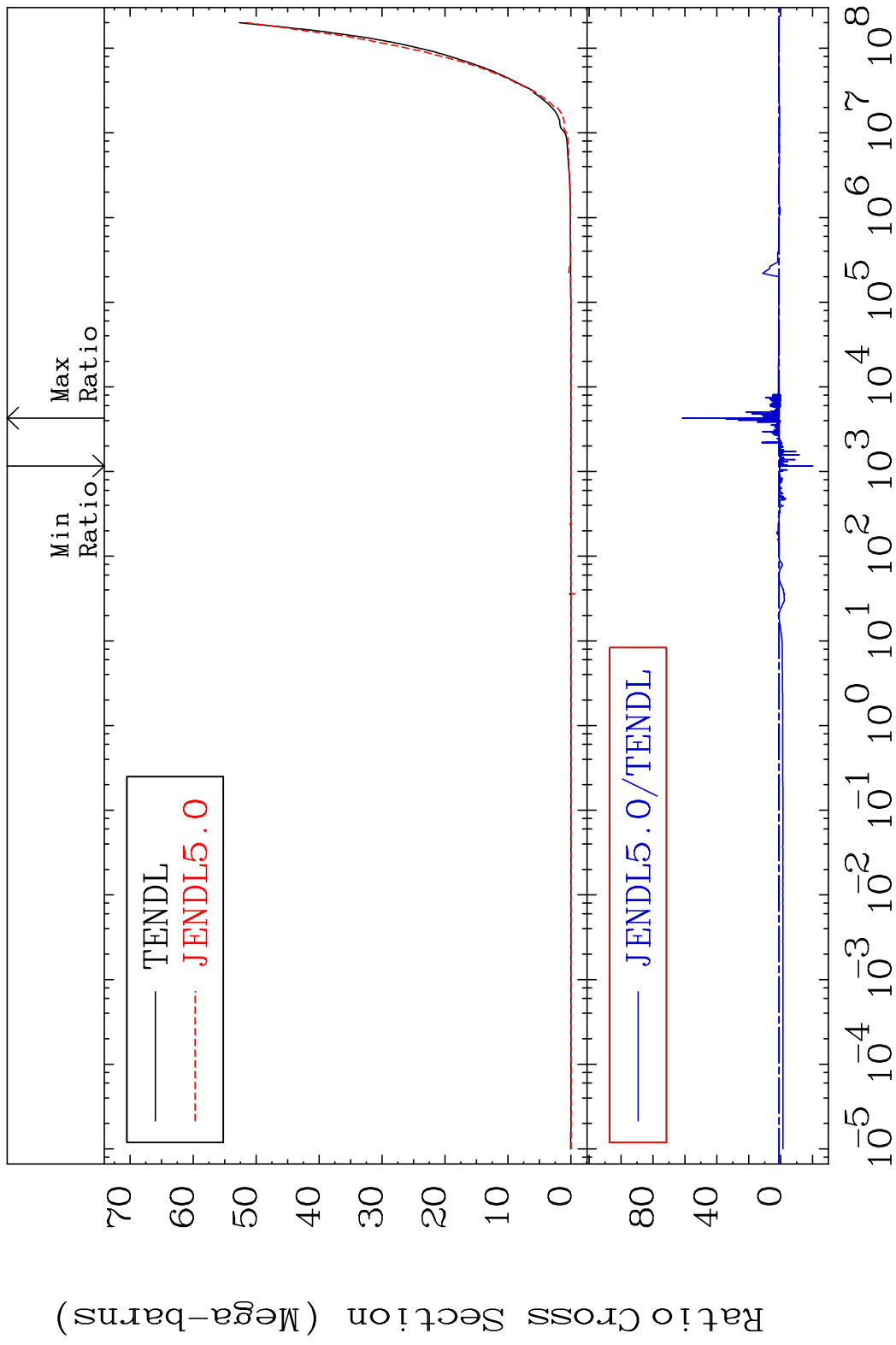


51

Incident Energy (eV)

35-Br-79

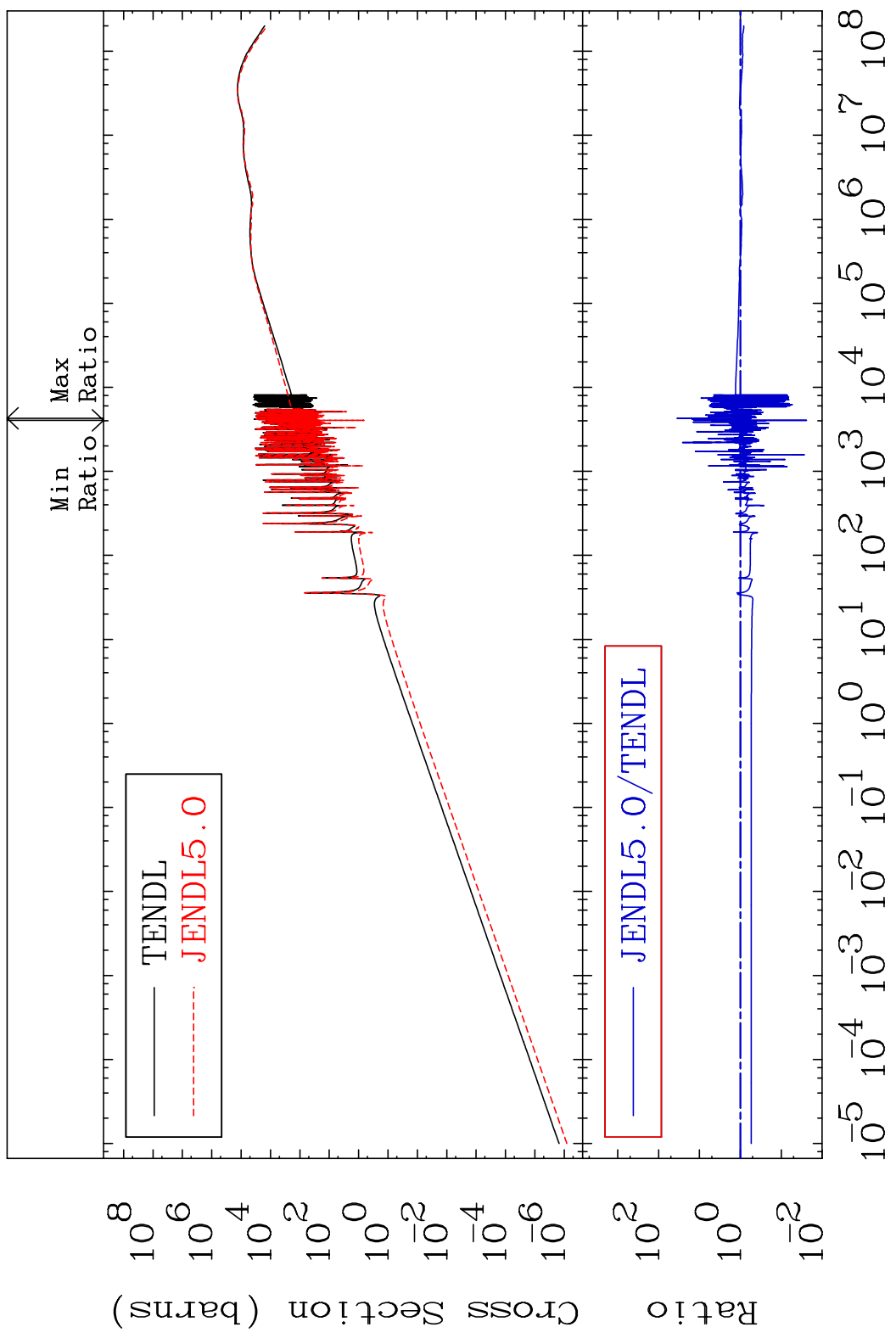
MAT 3525 Kerma total (eV-barns) 35-Br-79
Cross Section -2104. To 6056. %



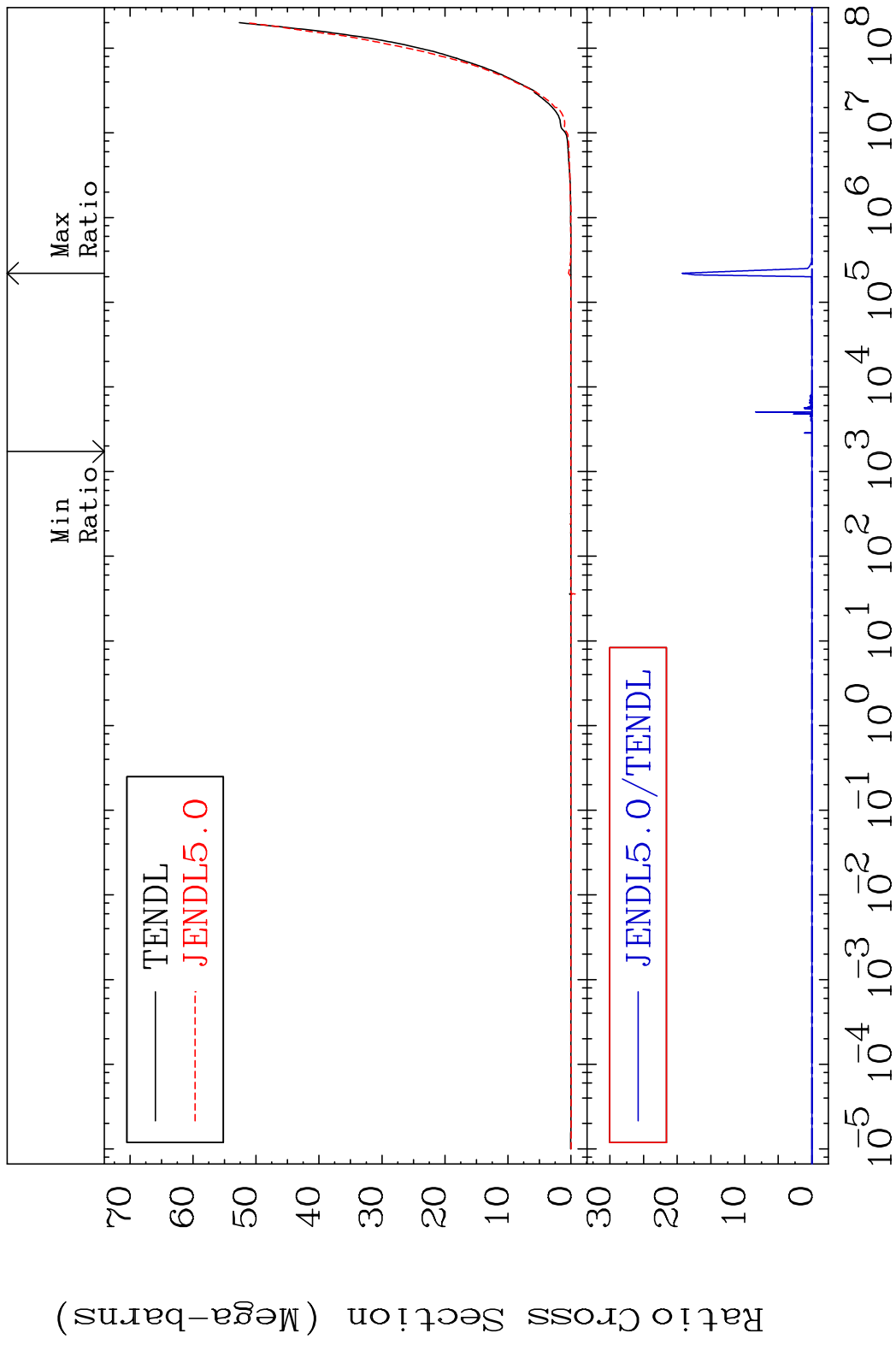
52 Incident Energy (eV) 35-Br-79

MAT 3525

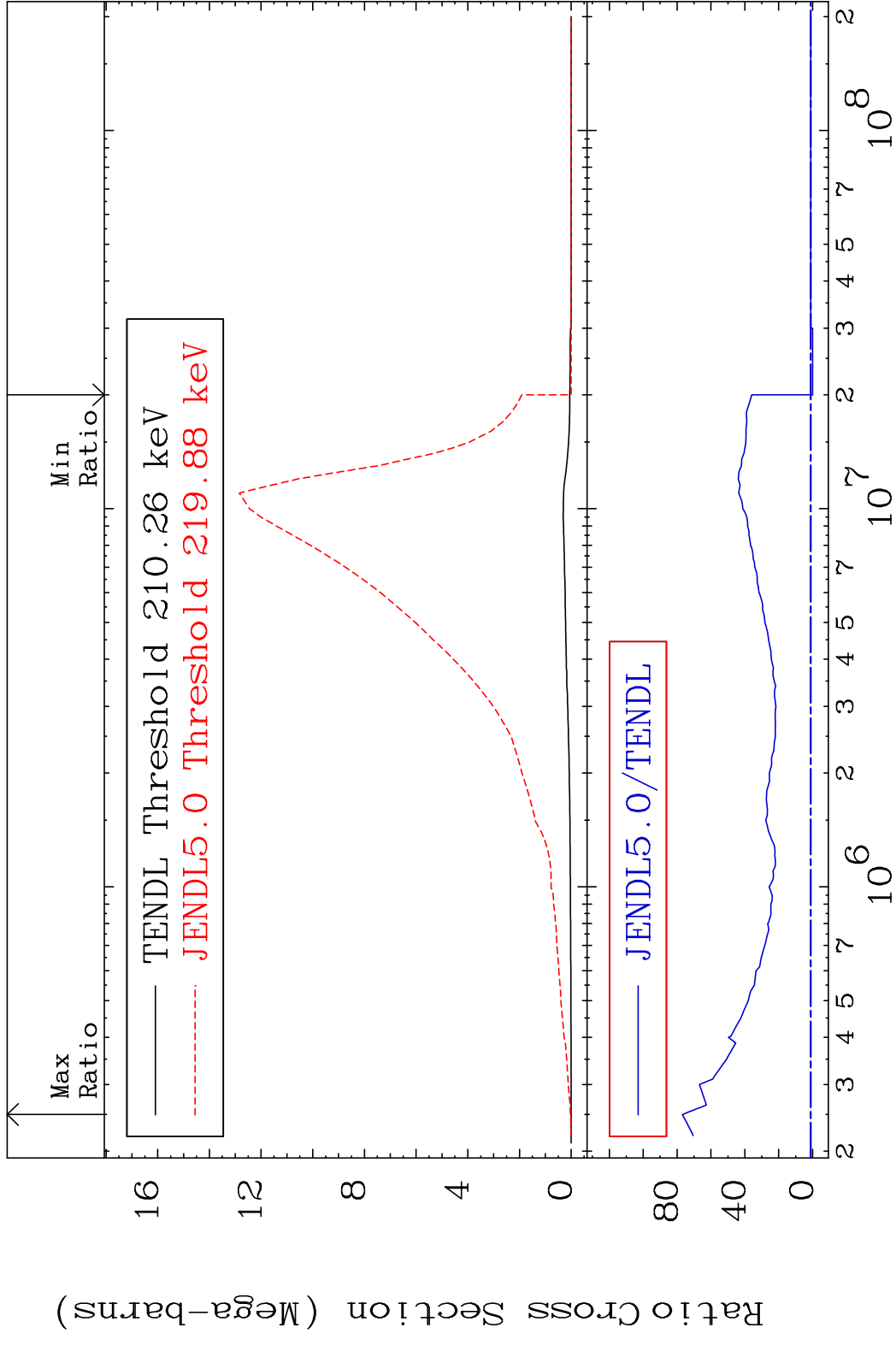
Kerma elastic Cross Section -97.58 To 3414. %
35-Br-79



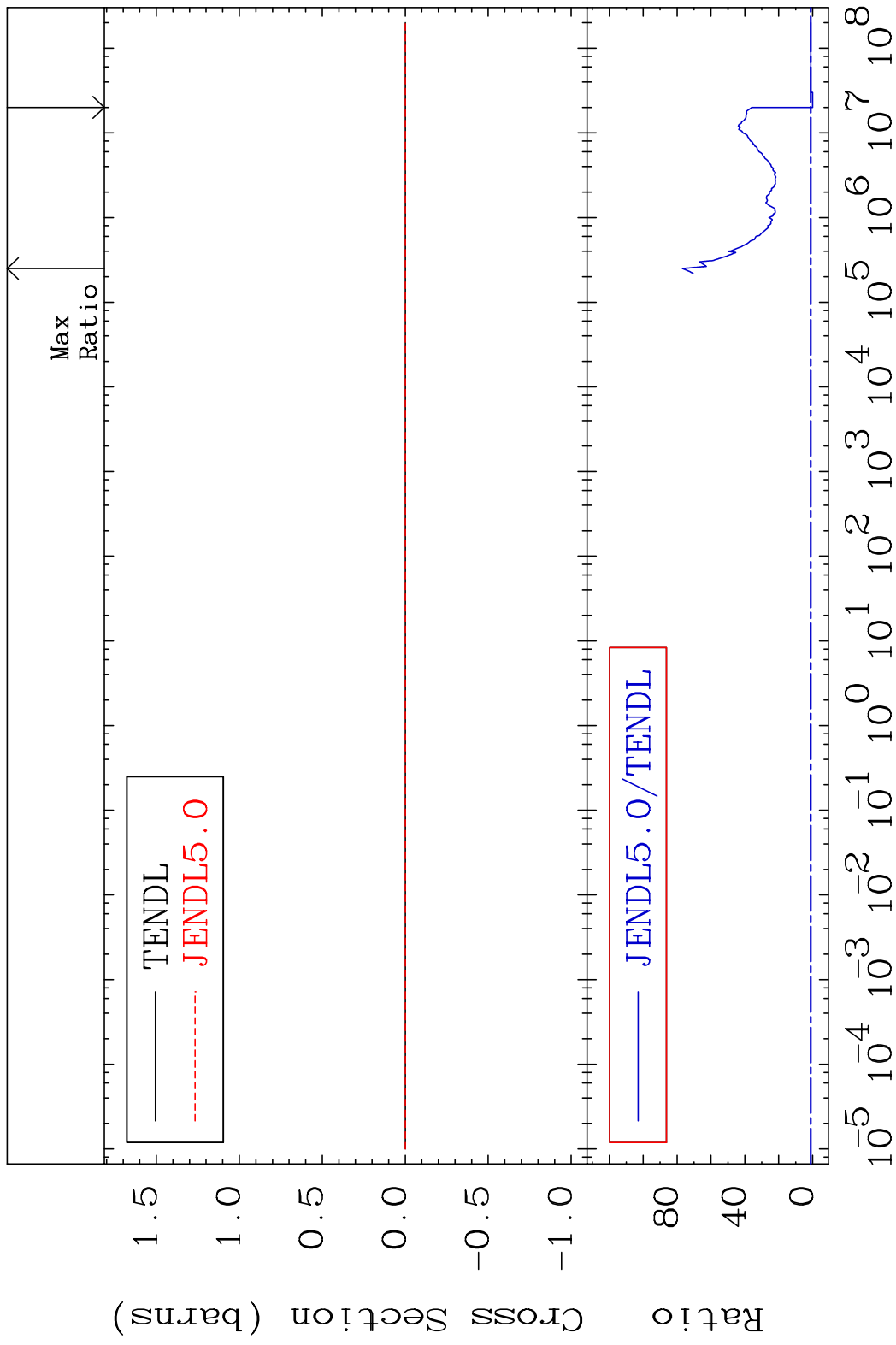
MAT 3525 Kerma non-elastic (all but mt2) 35-Br-79
 Cross Section -9563. To 9999. %



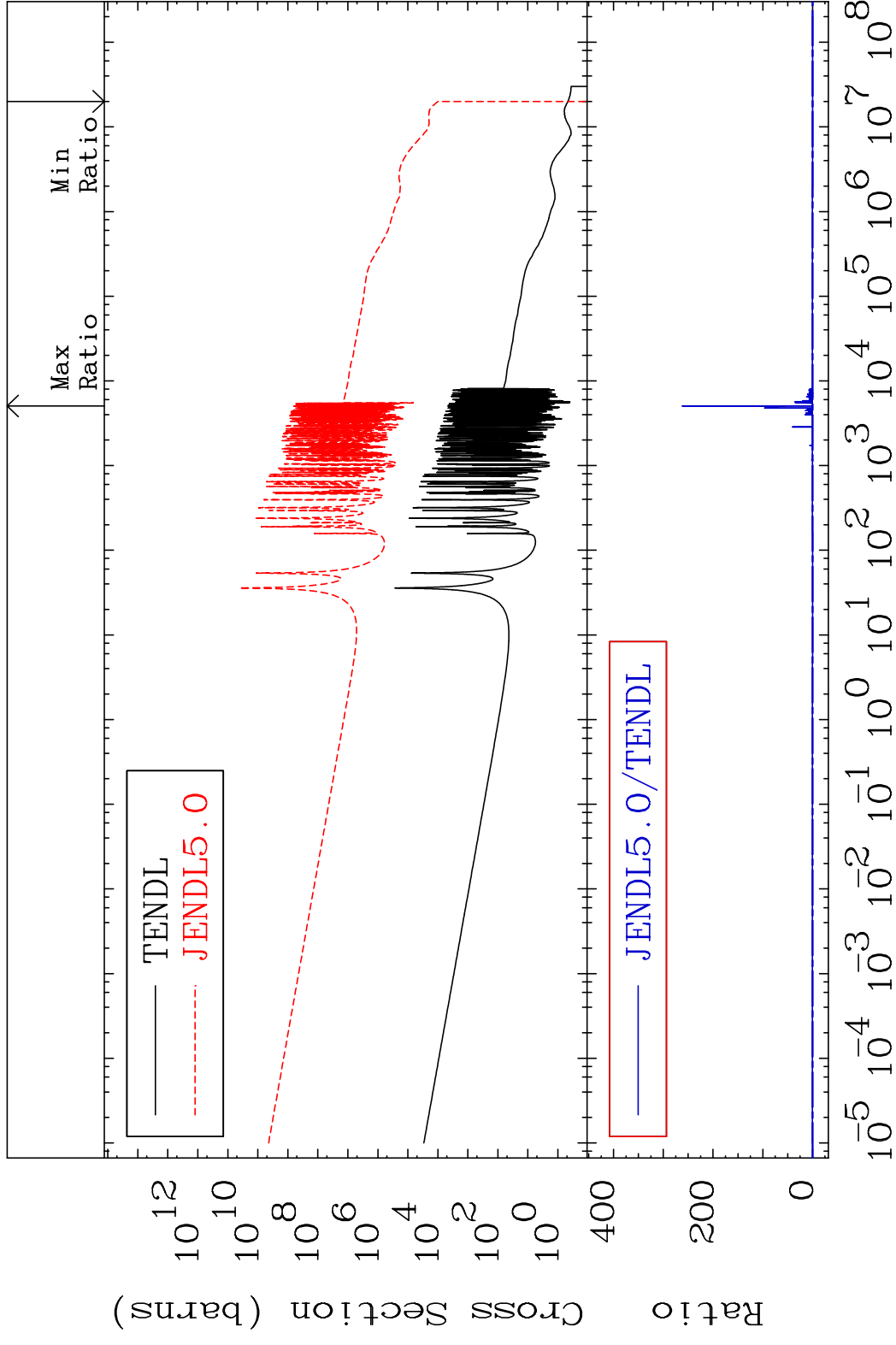
MAT 3525 Kerma inelastic (mt51-91) 35-Br-79
 Cross Section -100.0 To 7589. %



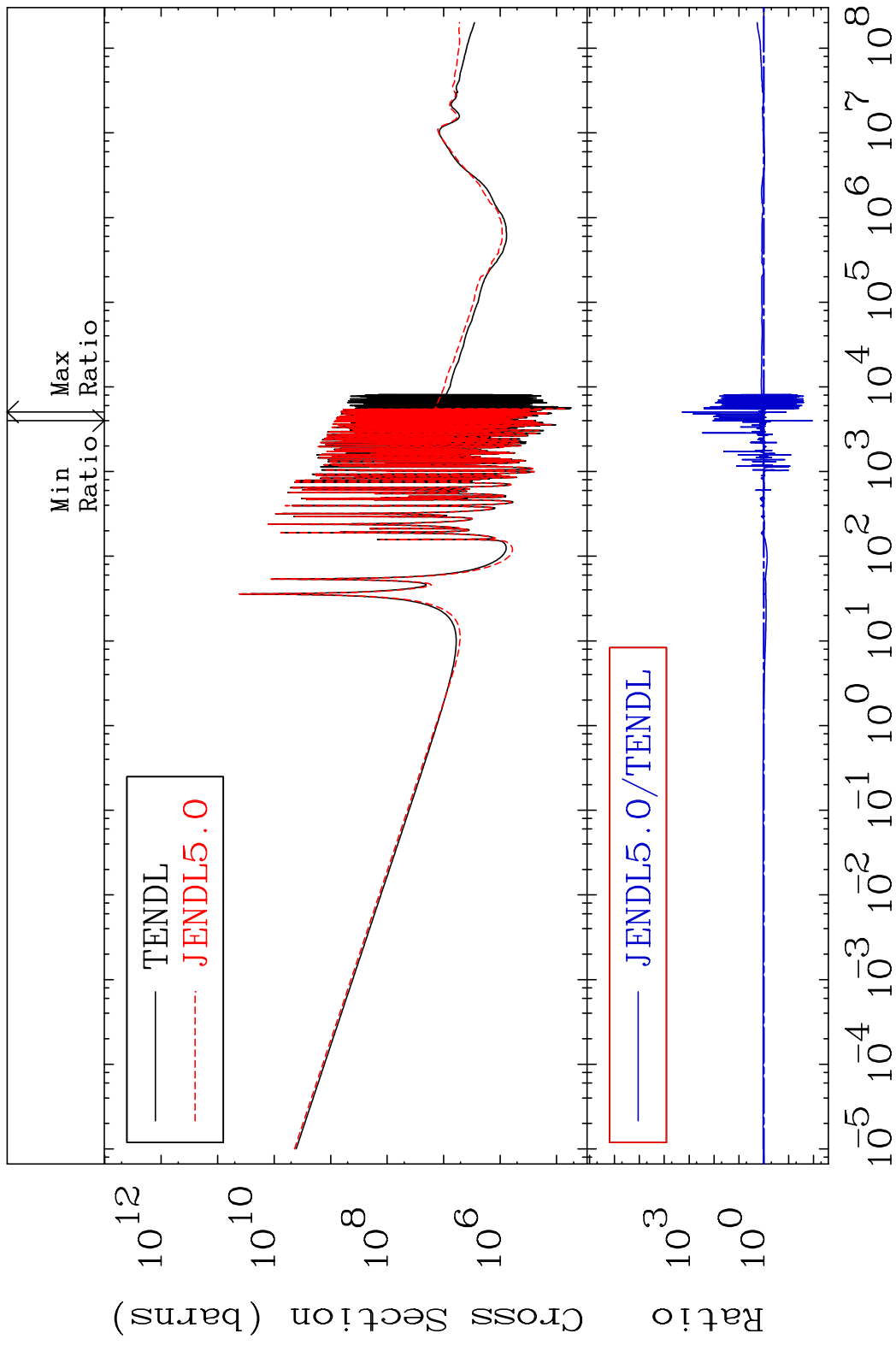
MAT 3525 Kerma fission (mt18 or mt19-20-21-38) 35-Br-79
 Cross Section -100.0 To 7589. %



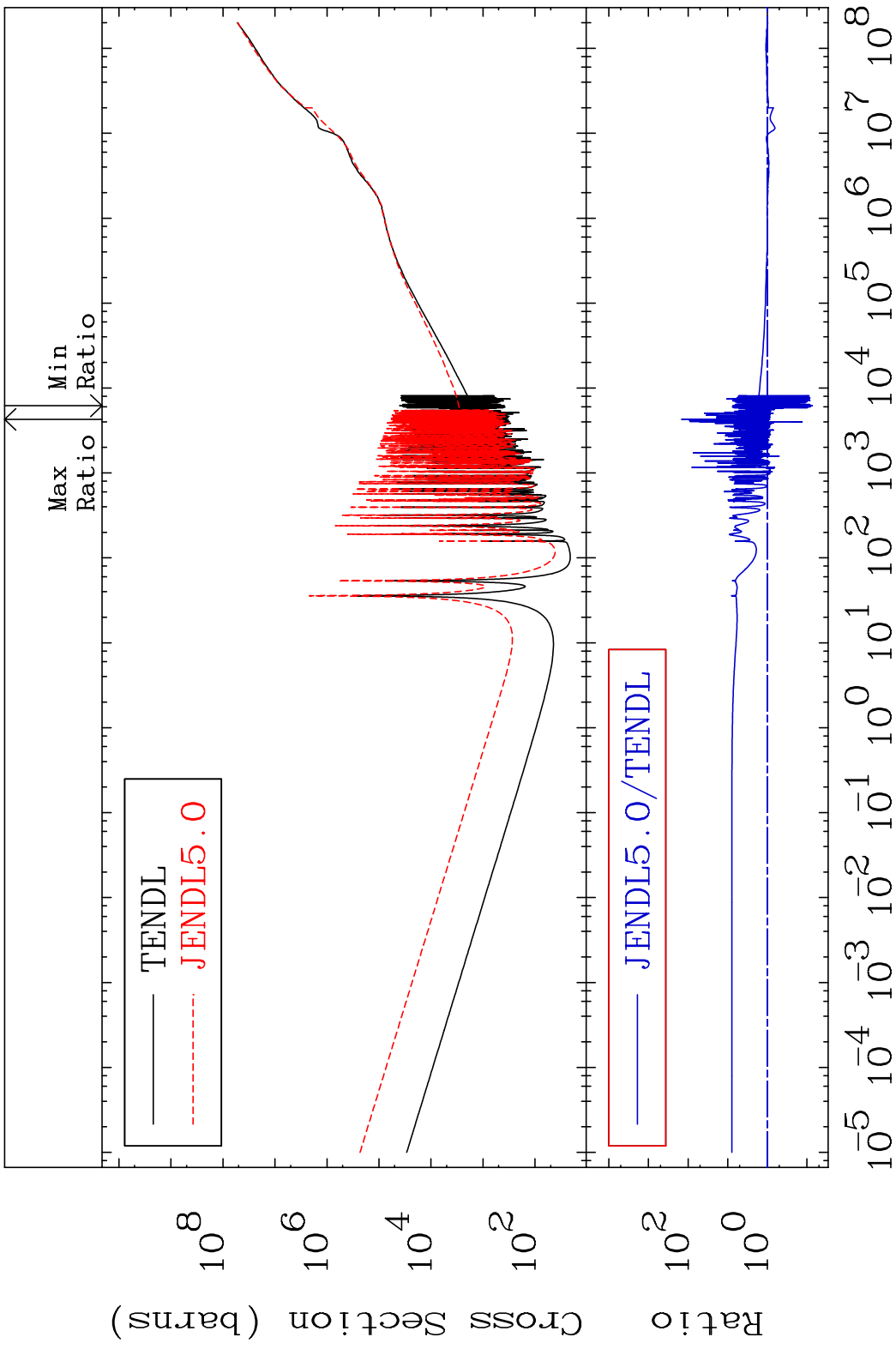
MAT 3525 Kerma capture (mt102) 35-Br-79
 Cross Section -100.0 To 9999. %



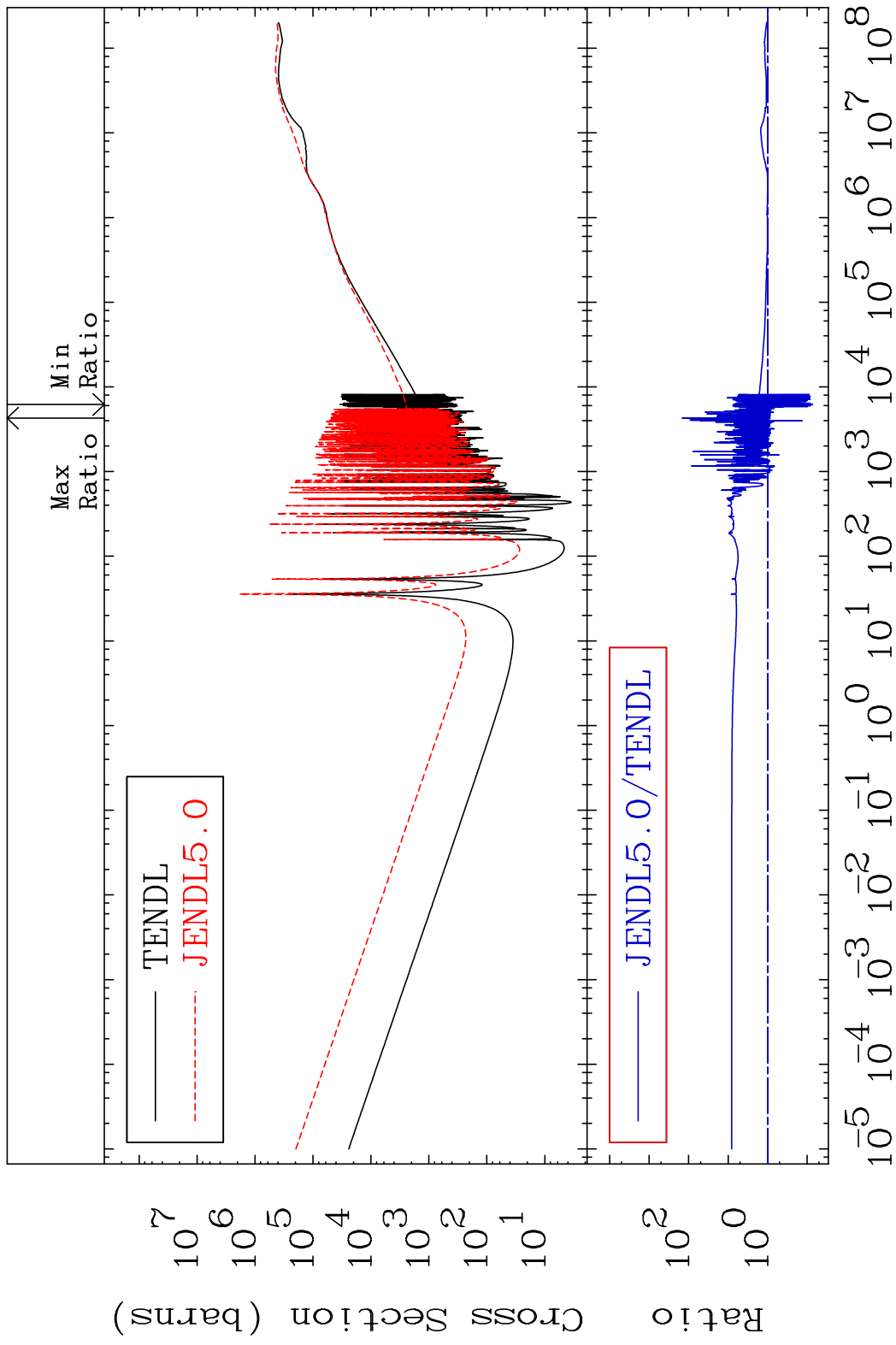
MAT 3525 Total photon (eV-barns) 35-Br-79
Cross Section -98.90 To 9999. %



MAT 3525 Total kinematic kerma (high limit) 35-Br-79
 Cross Section -92.67 To 9999. %



MAT 3525 Dpa total (eV-barns) 35-Br-79
 Cross Section -92.70 To 9999. %



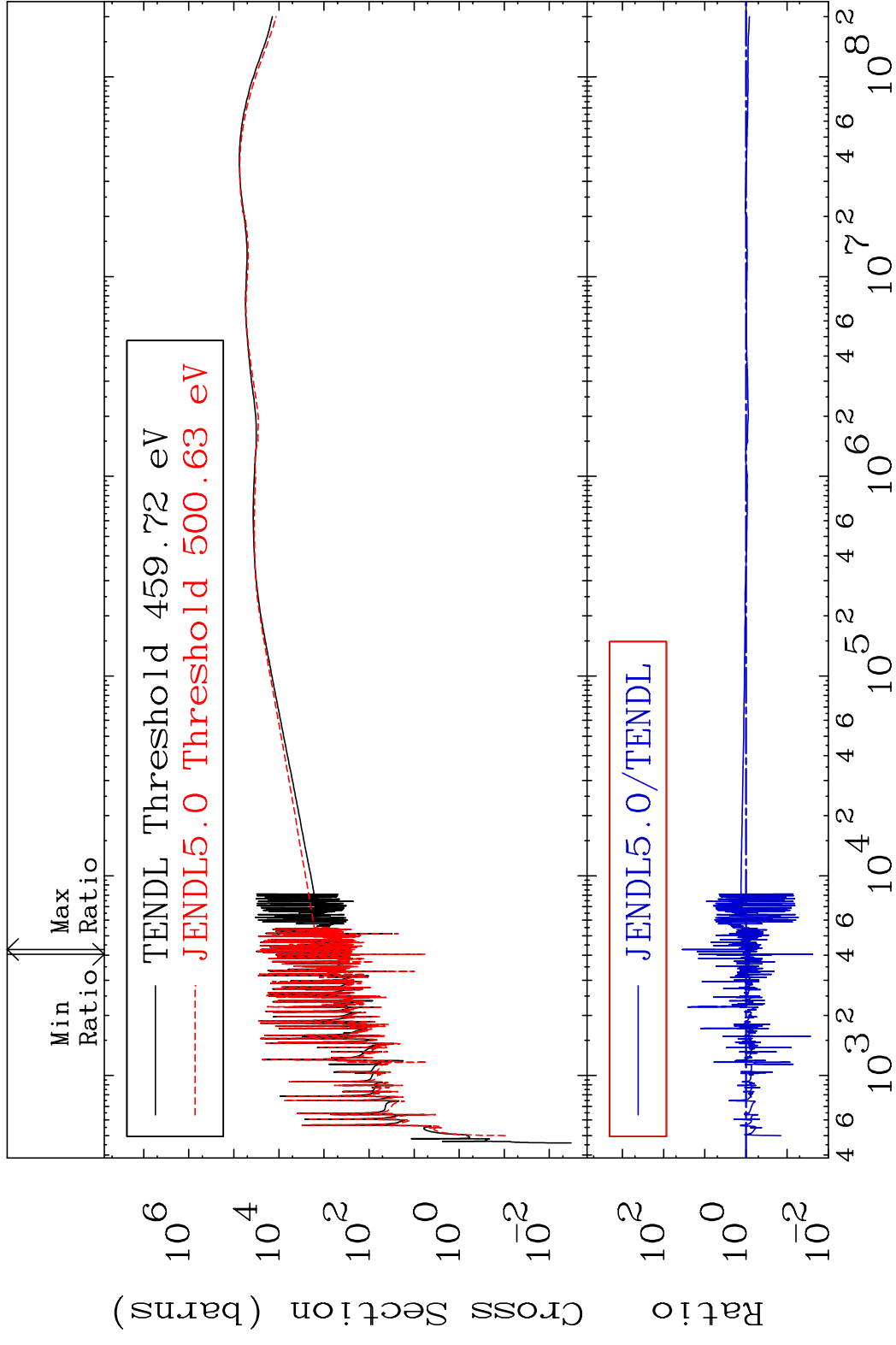
60 Incident Energy (eV) 35-Br-79

MAT 3525

Dpa elastic (mt2)

35-Br-79

Cross Section -97.58 To 3410. %

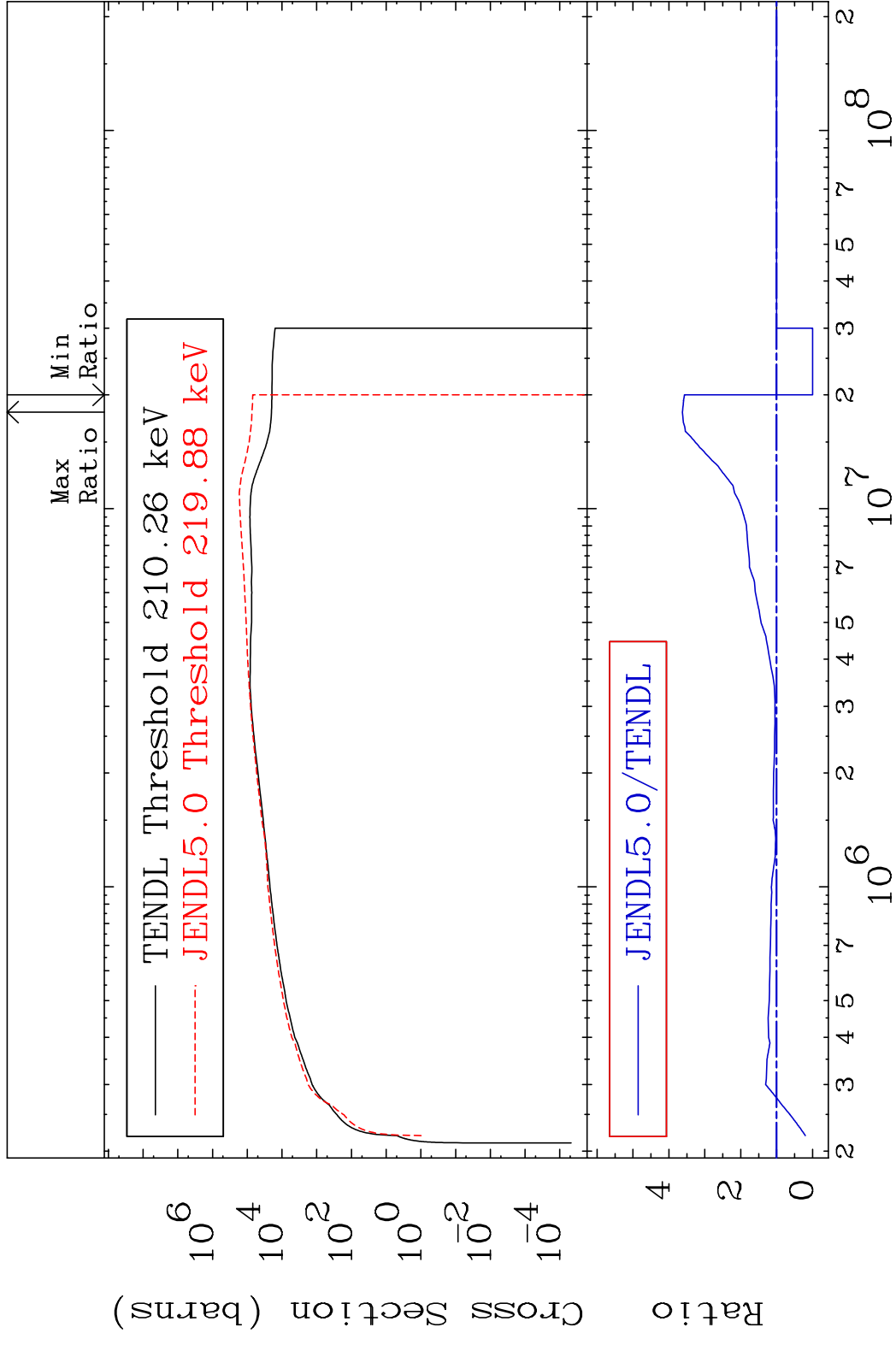


61

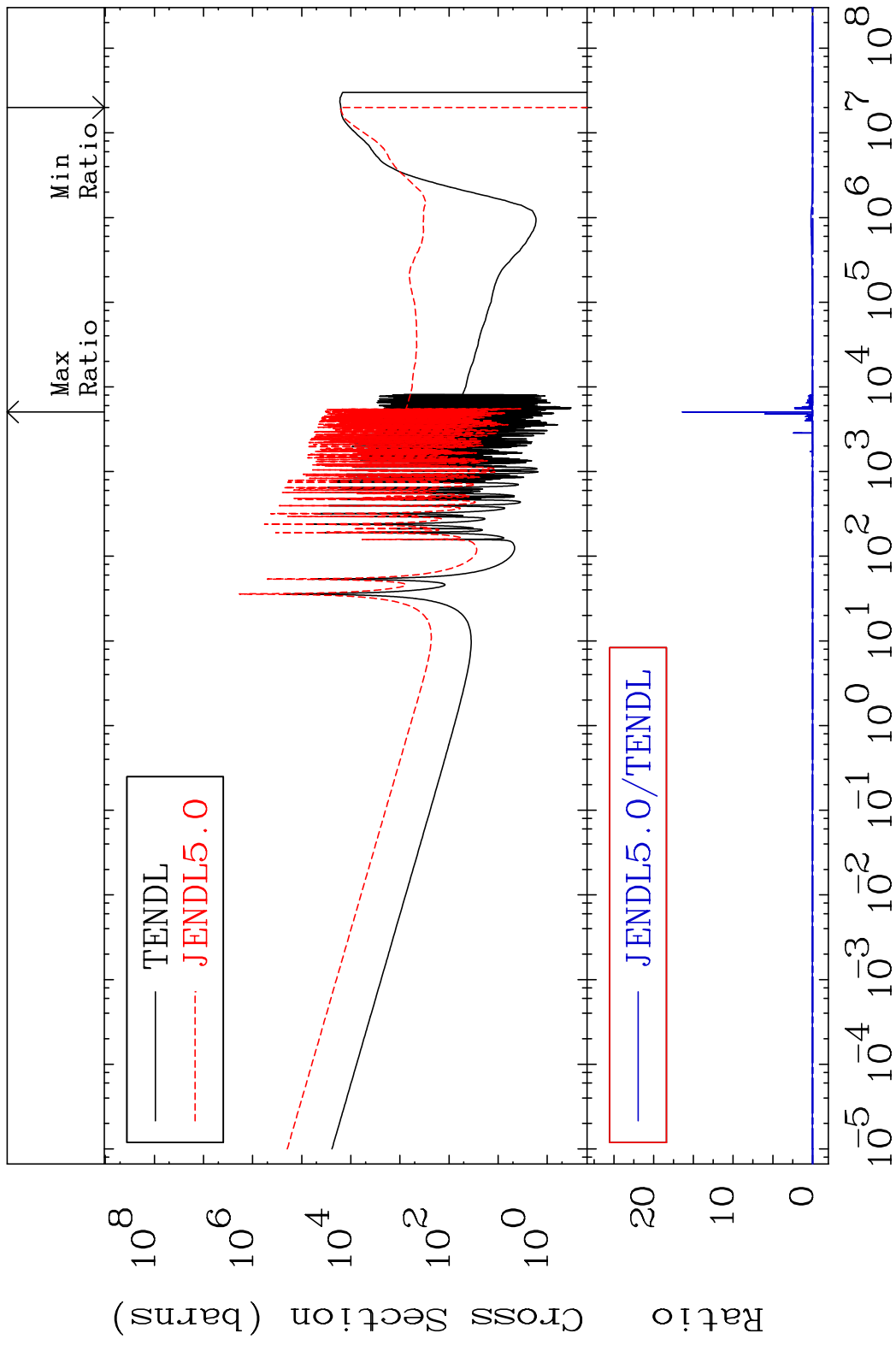
Incident Energy (eV)

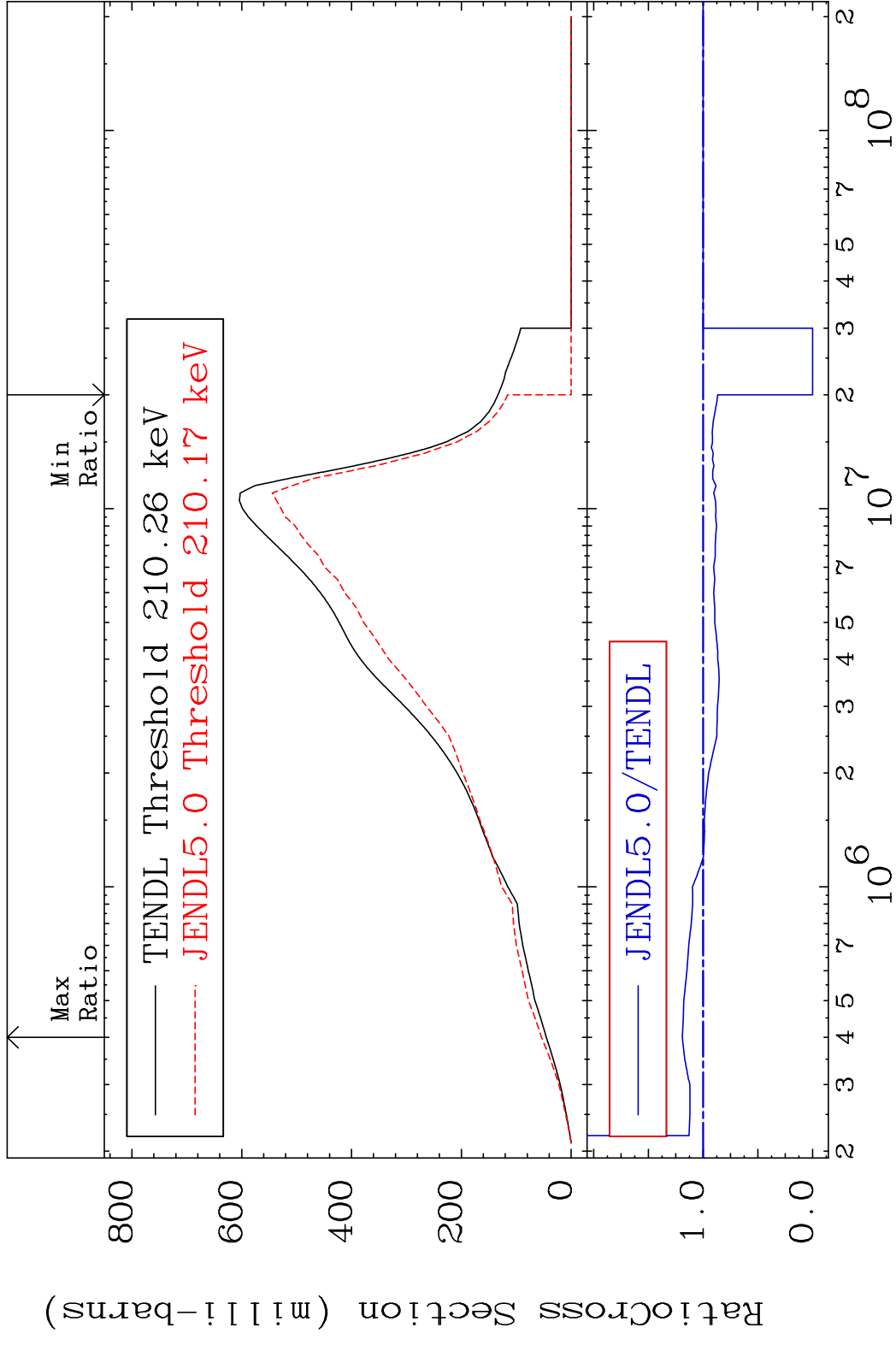
35-Br-79

MAT 3525 Dpa inelastic (mt51-91) 35-Br-79
 Cross Section -100.0 To 262.5 %

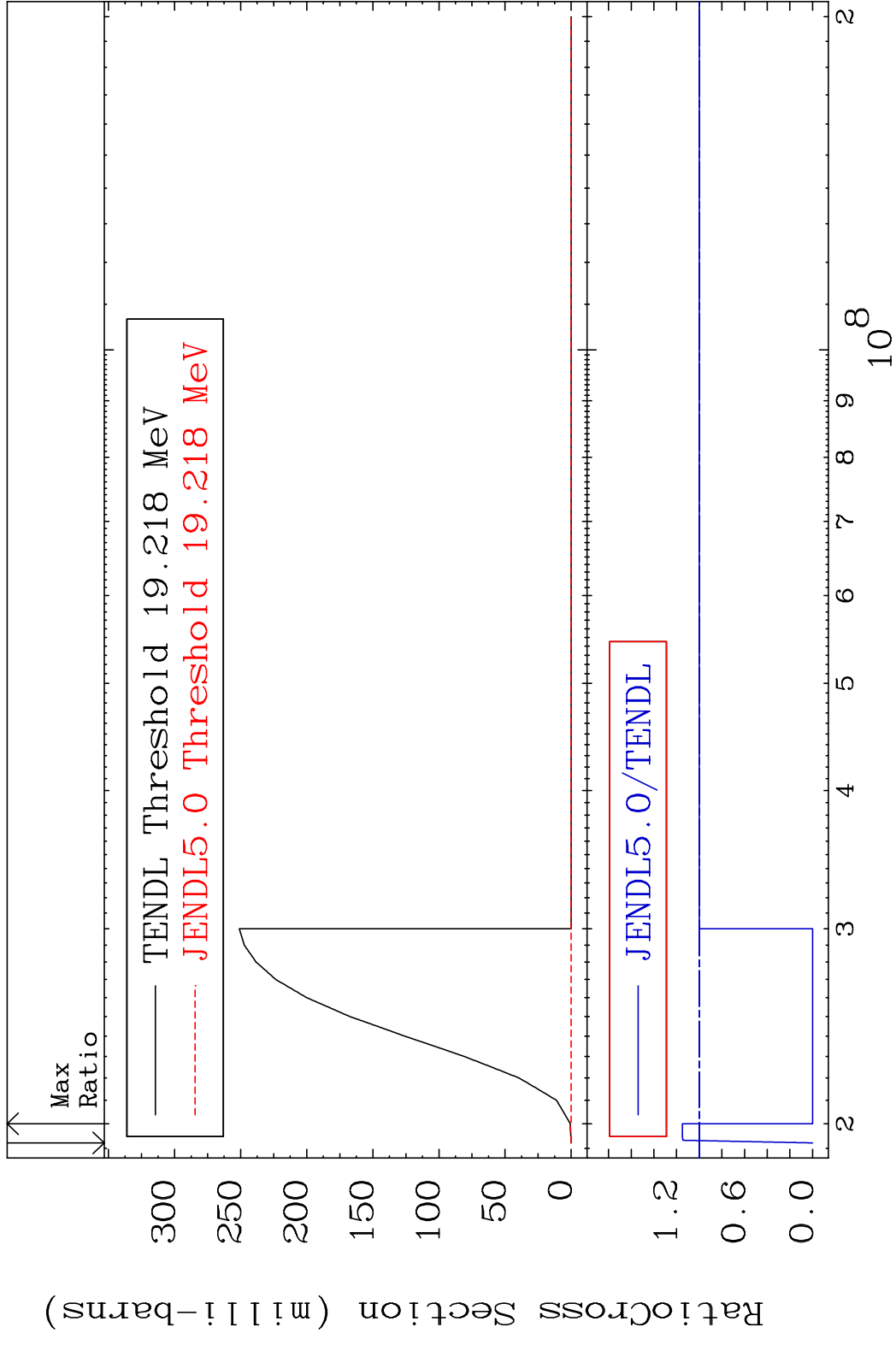


MAT 3525 Dpa disappearance (mt102 -120) 35-Br-79
 Cross Section -100.0 To 9999. %

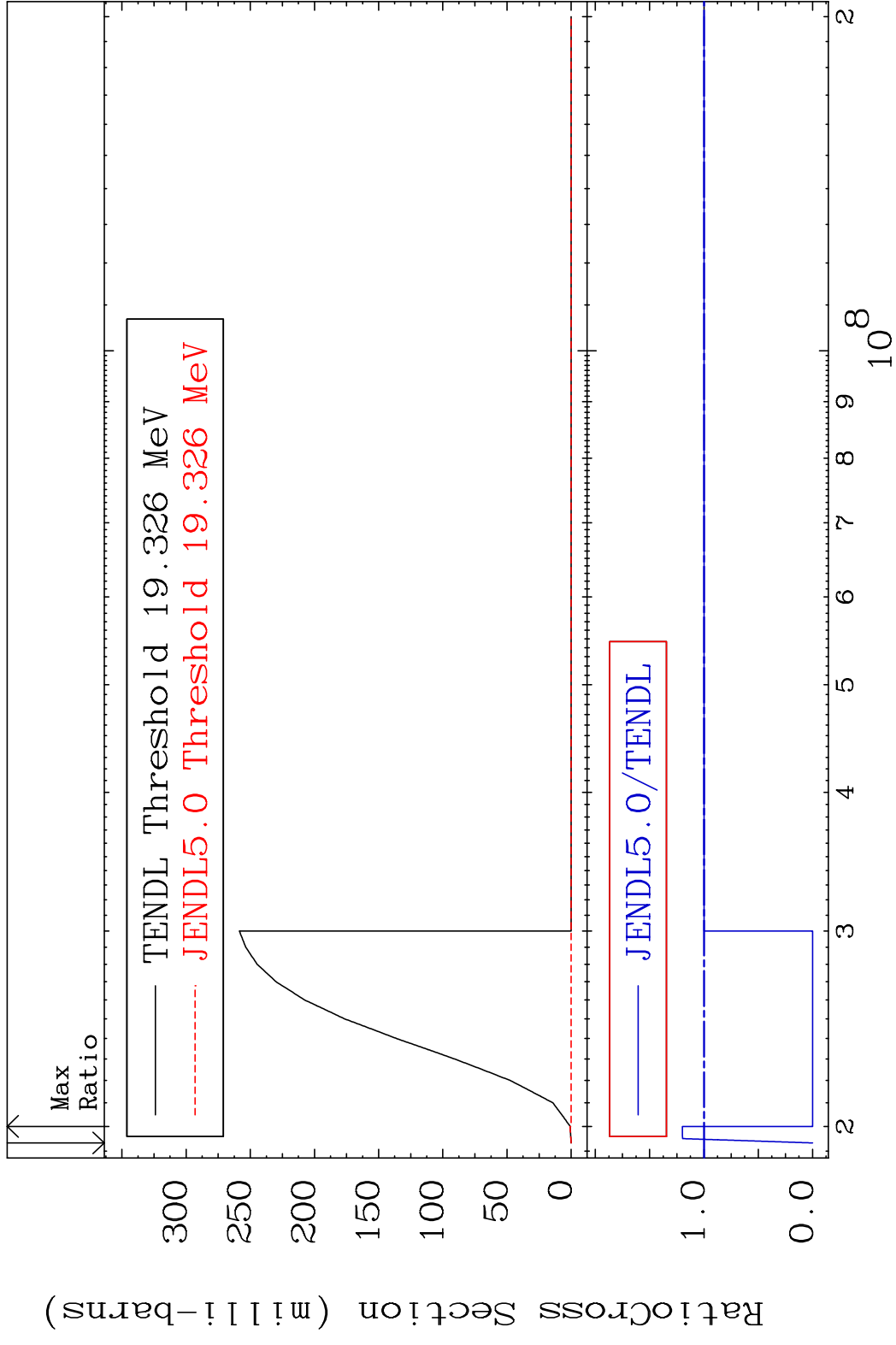


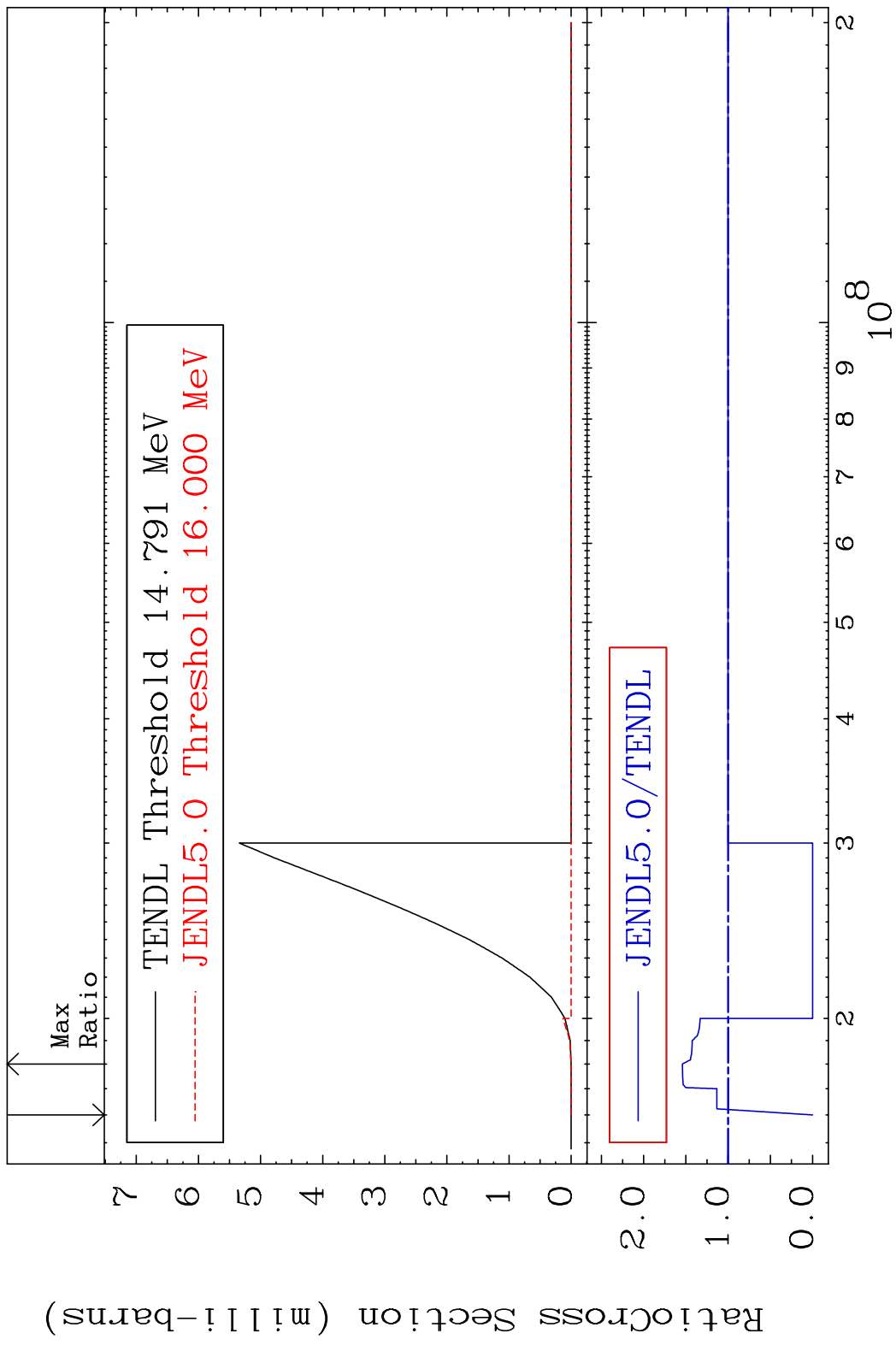


MAT 3525 (n,3n):35-Br-77g 35-Br-79
 Radionuclide Production Cross Section 180.0 mb 14.90 %

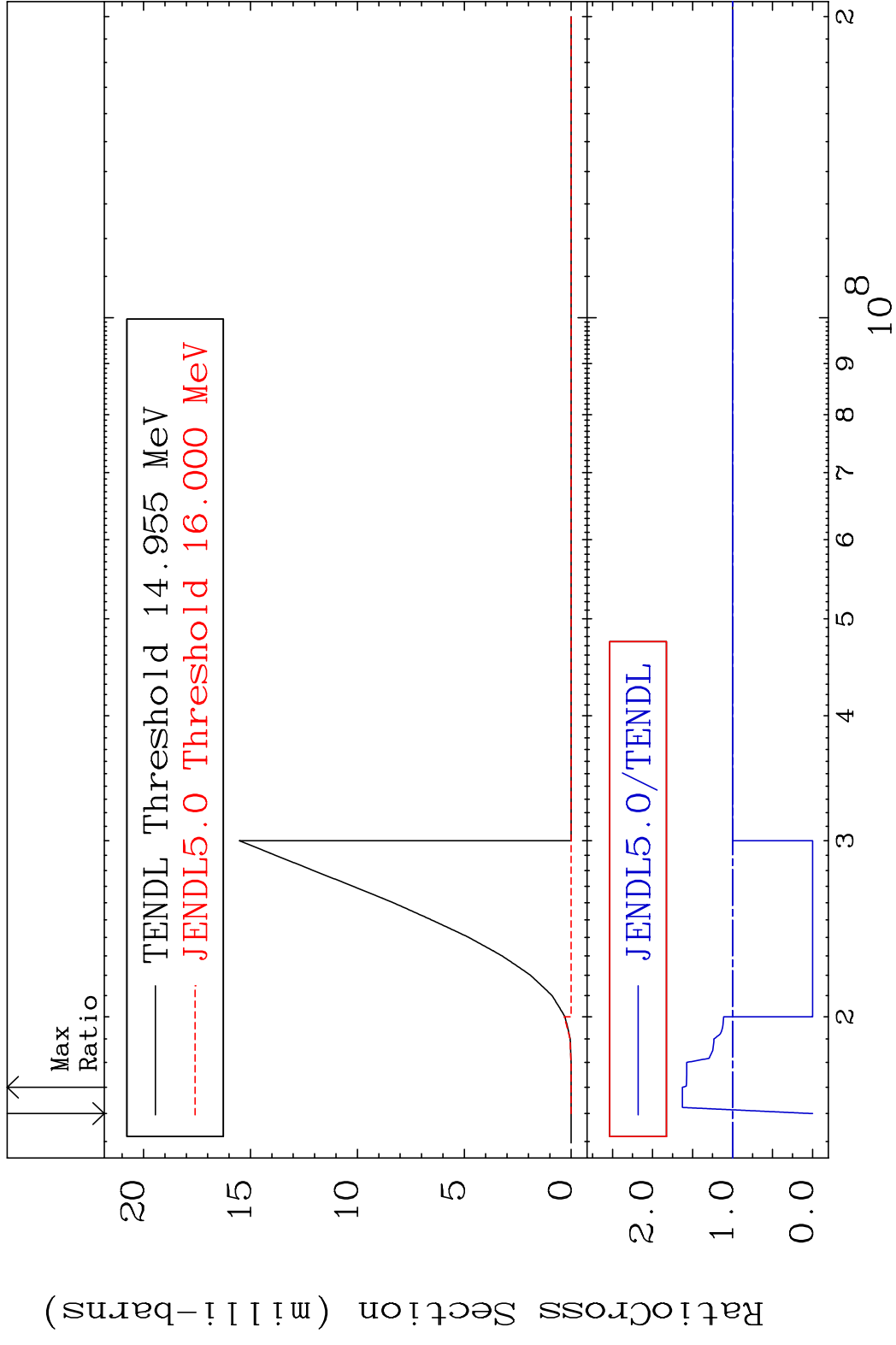


MAT 3525 (n, 3n) : 35-Br-77m1 35-Br-79
 Radionuclide Production Cross Section 180.0 mb 19.90 %

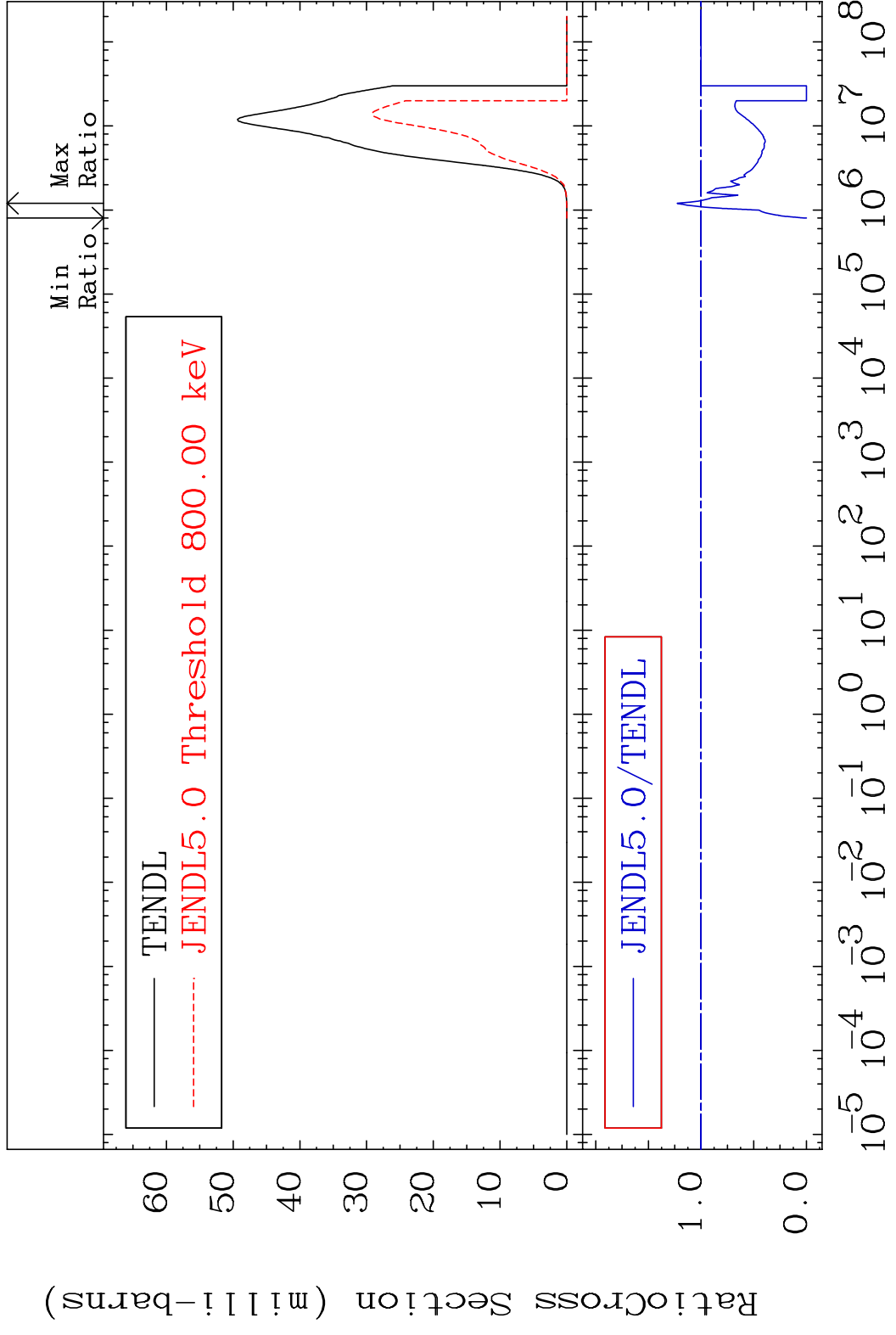




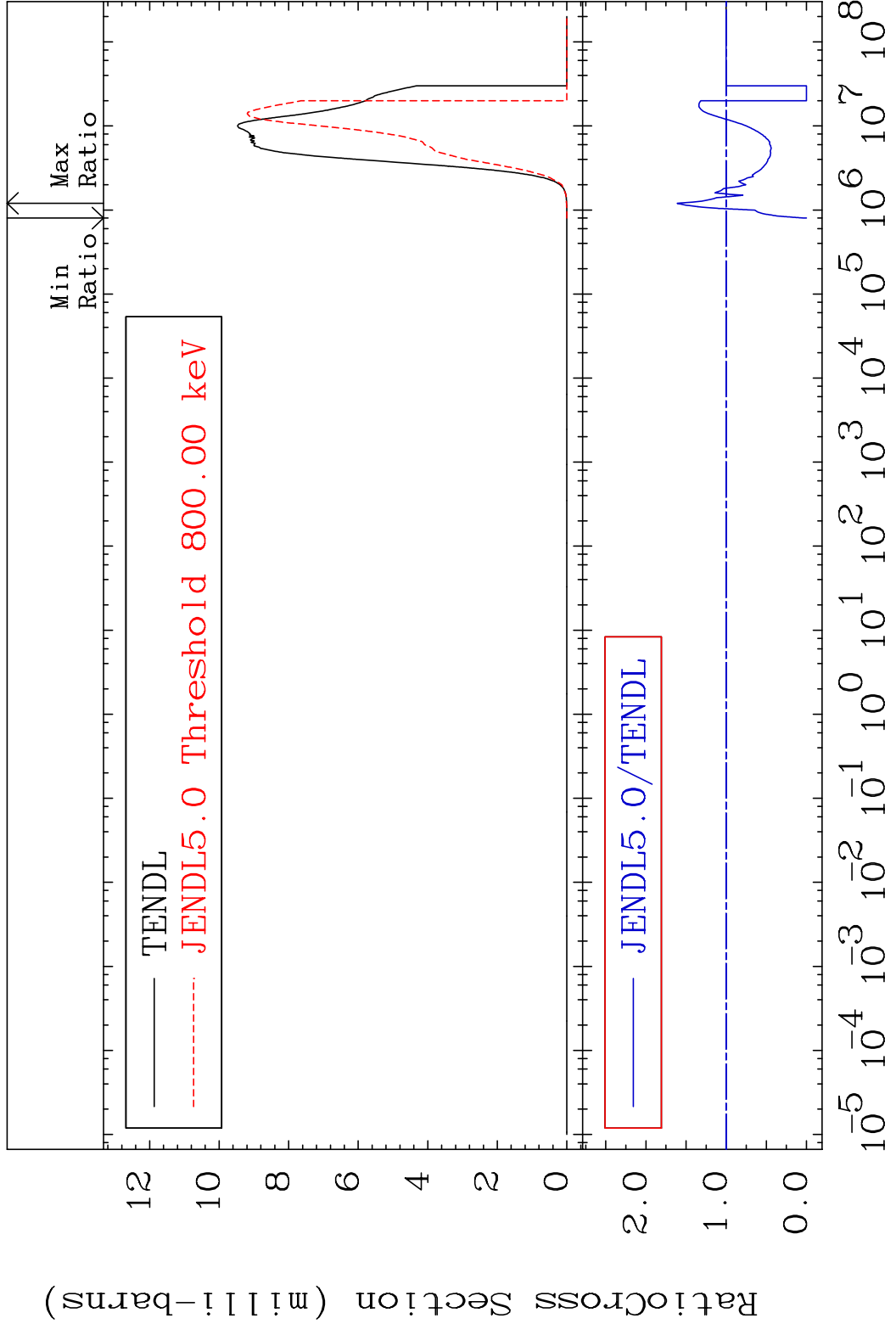
MAT 3525 (n, n') d:34-Se-77m1 35-Br-79
 Radionuclide Production Cross Section Ratio 62.74 %



MAT 3525 (n,p):34-Se-79g 35-Br-79
 Radionuclide Production Cross Section Ratio 22.65 %

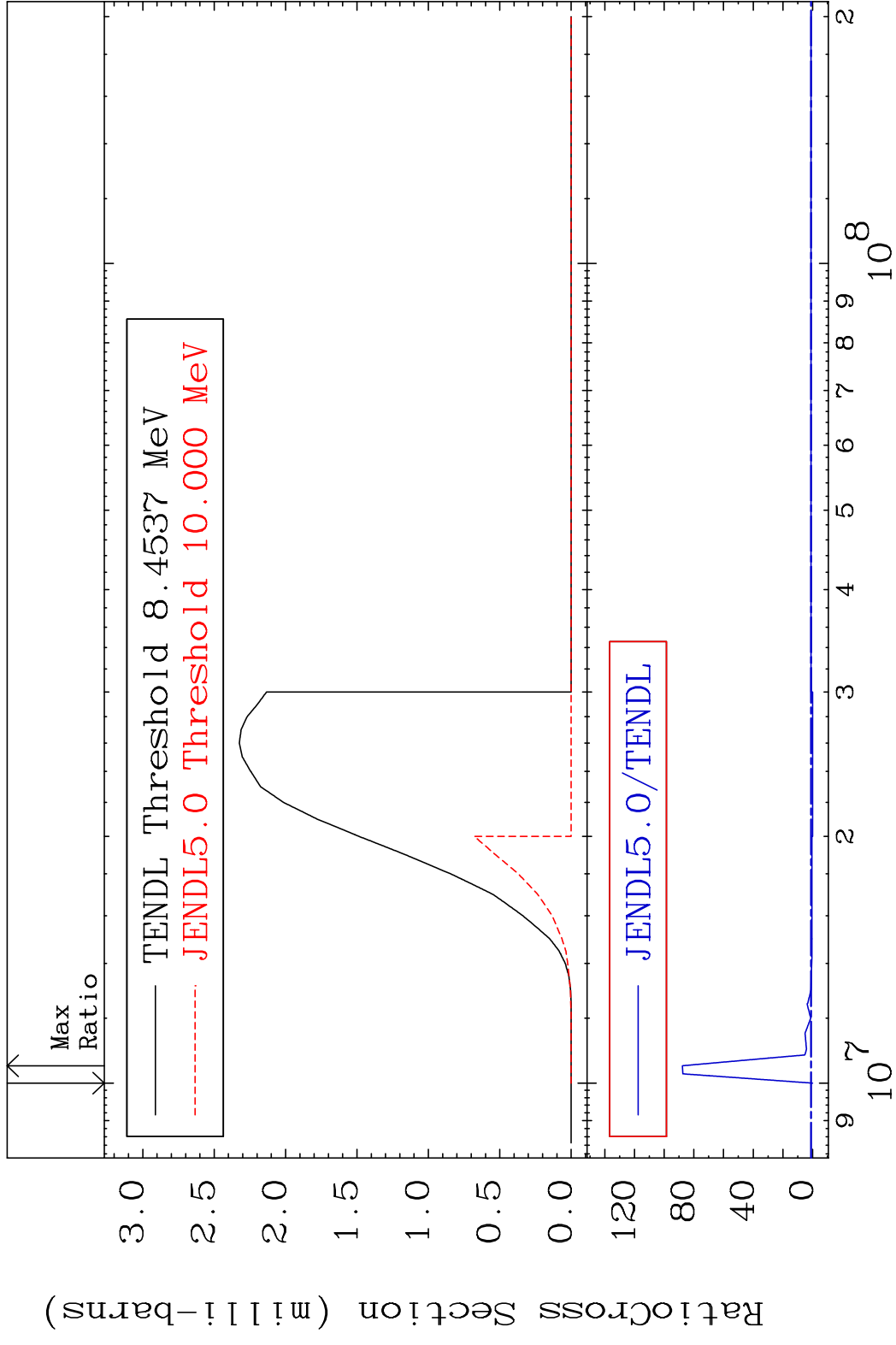


MAT 3525 (n,p):34-Se-79m1 35-Br-79
 Radionuclide Production Cross Section 61.04 %

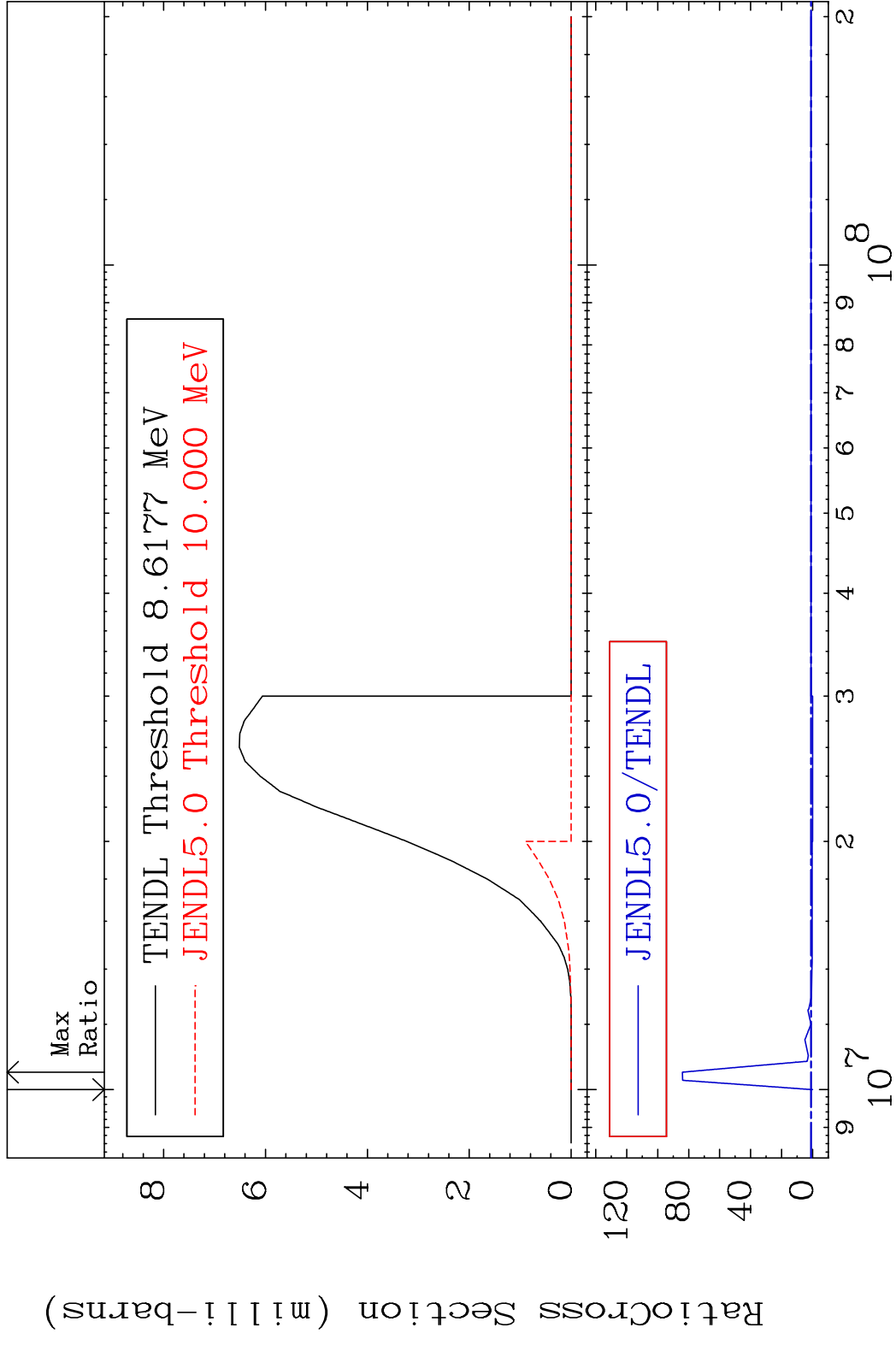


70 Incident Energy (eV) 35-Br-79

MAT 3525 (n, t):34-Se-77g 35-Br-79
 Radionuclide Production Cross Section 180.01 dth 8675. %

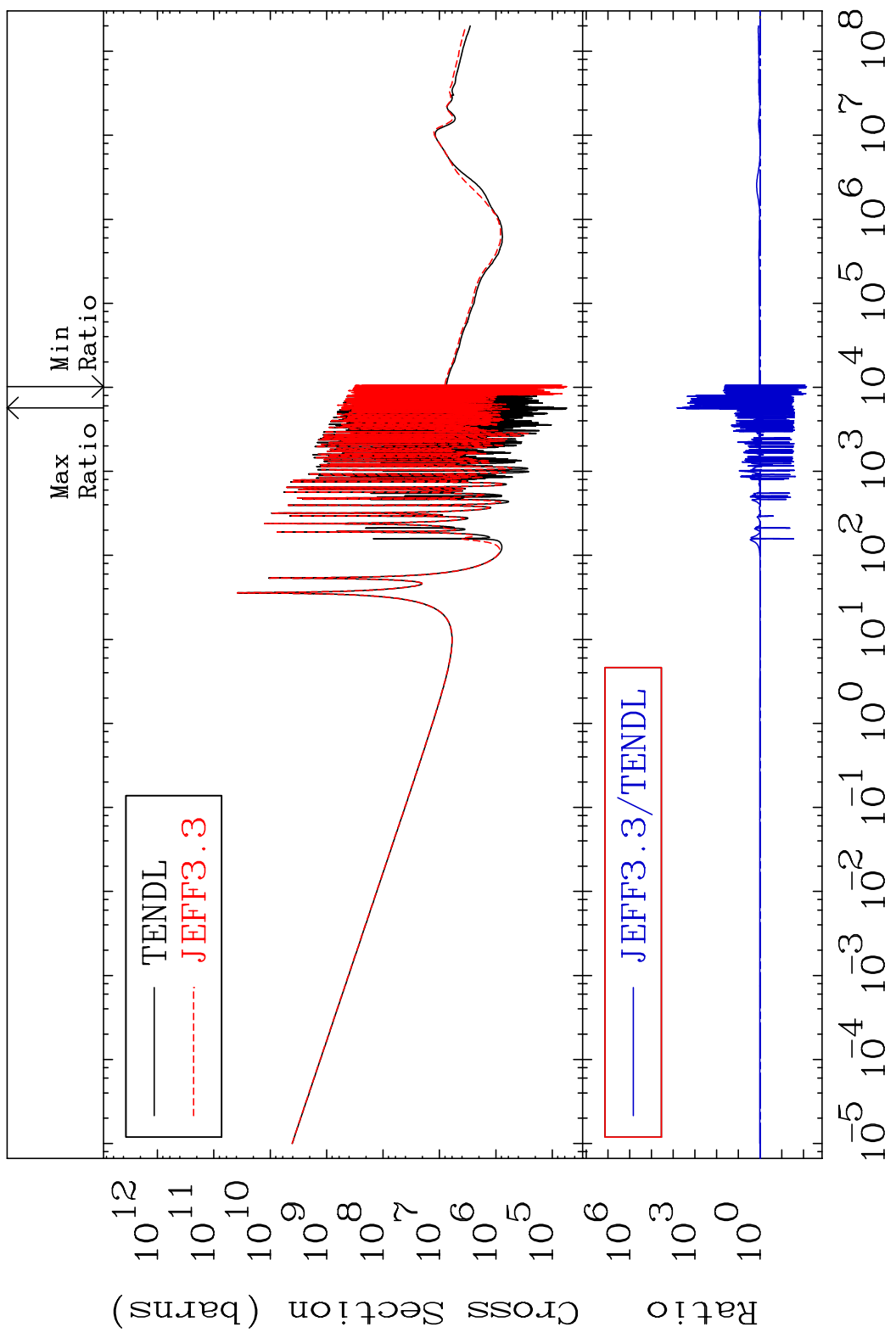


MAT 3525 (n, t):34-Se-77m1 35-Br-79
 Radionuclide Production Cross Section Ratio 8309. %



MAT 3525

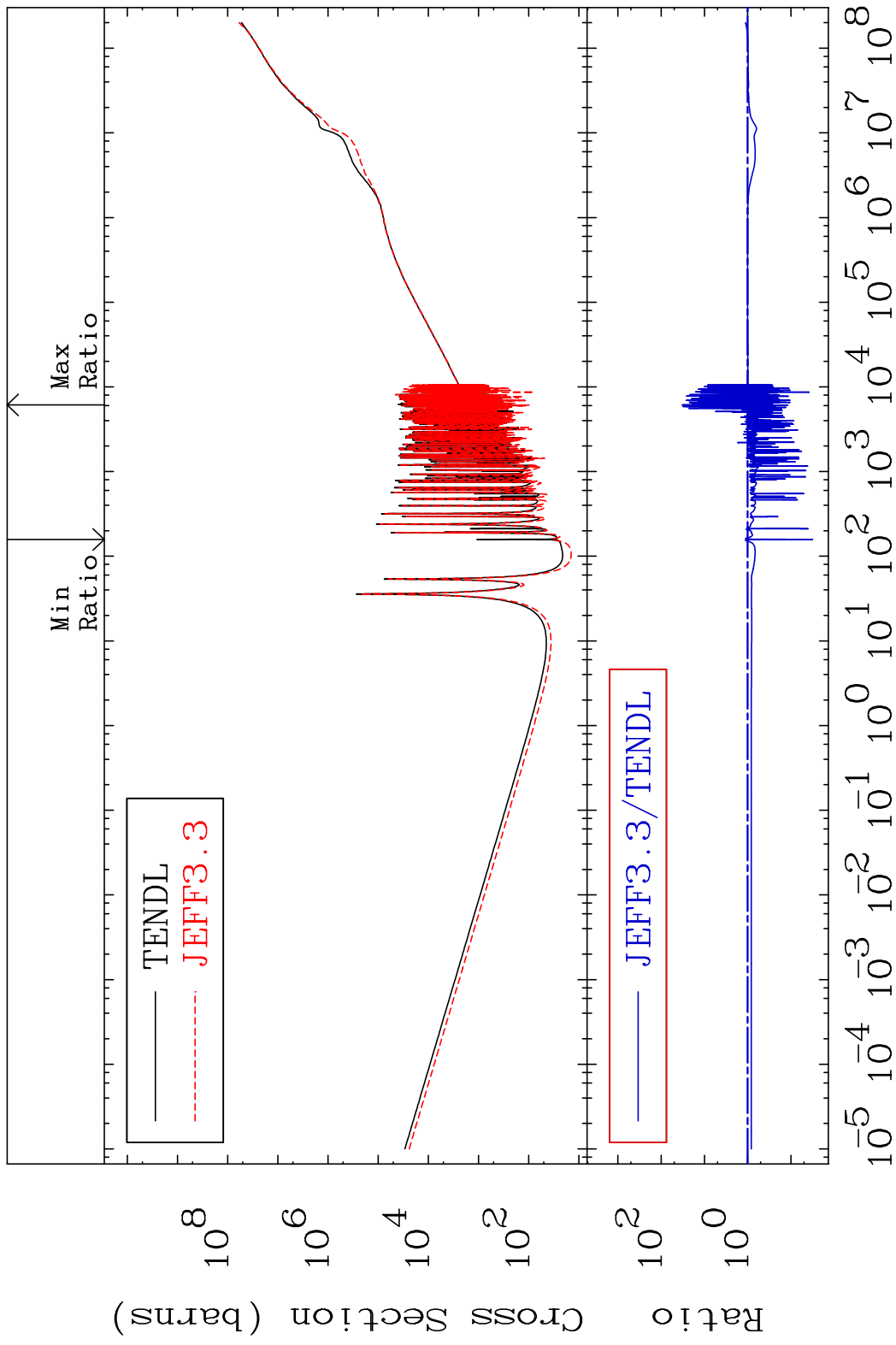
Total photon (eV-barns) 35-Br-79
Cross Section -99.27 To 9999. %



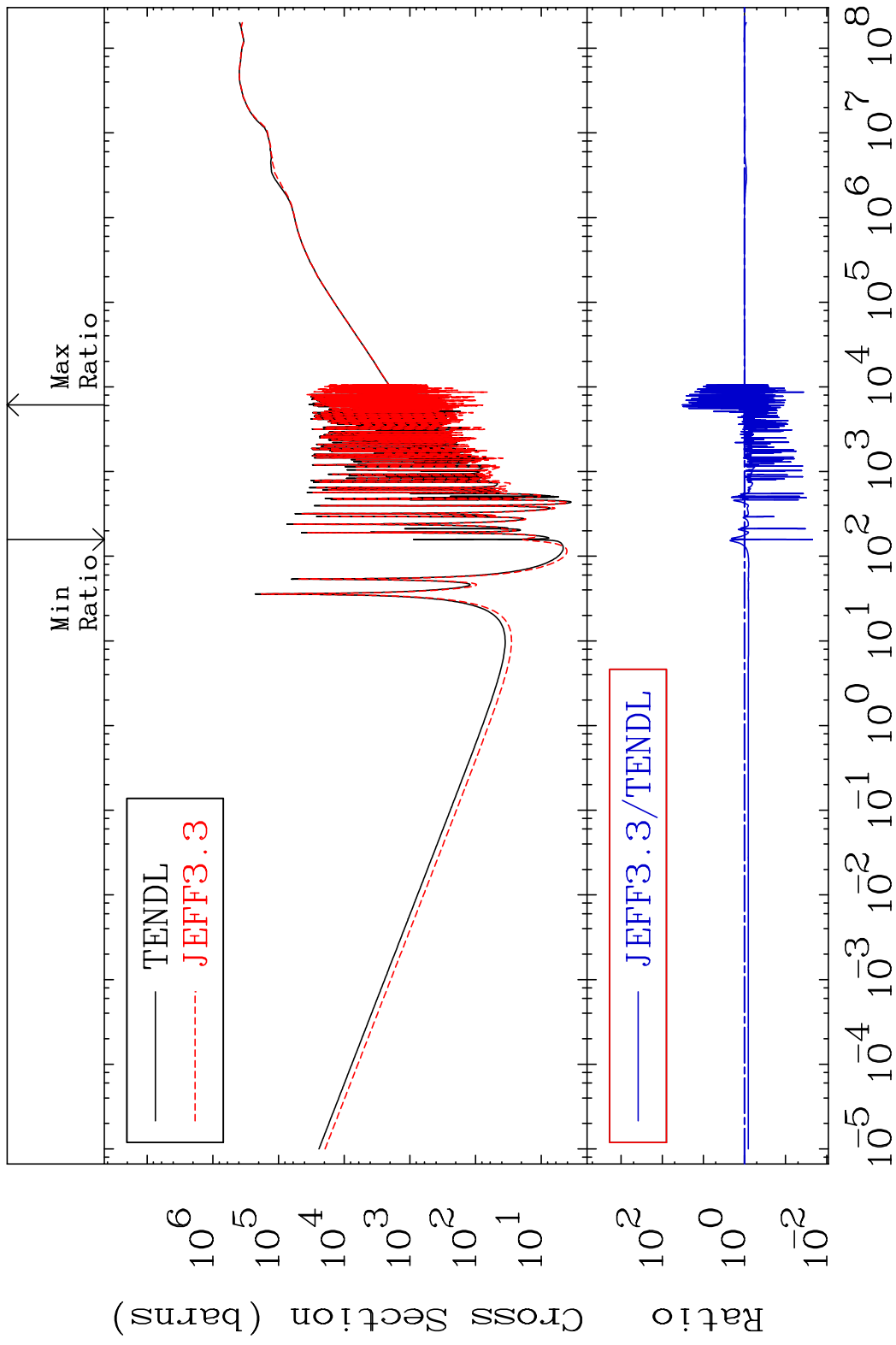
73

Incident Energy (eV) 35-Br-79

MAT 3525 Total kinematic kerma (high limit) 35-Br-79
 Cross Section -96.85 To 3136. %



MAT 3525 Dpa total (eV-barns) 35-Br-79
Cross Section -97.79 To 3138. %



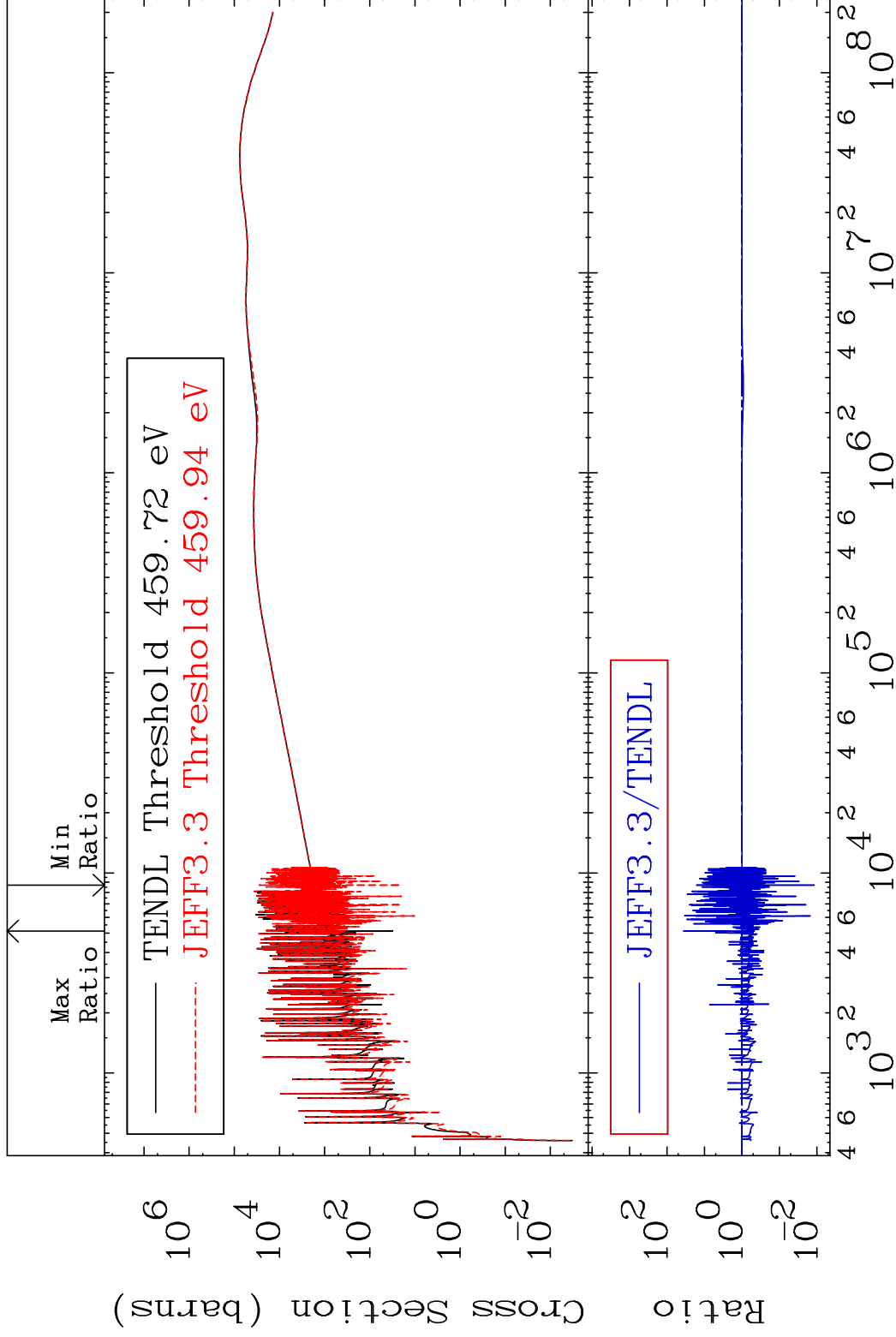
75 Incident Energy (eV) 35-Br-79

MAT 3525

Dpa elastic (mt2)

35-Br-79

Cross Section -98.81 To 3494. %

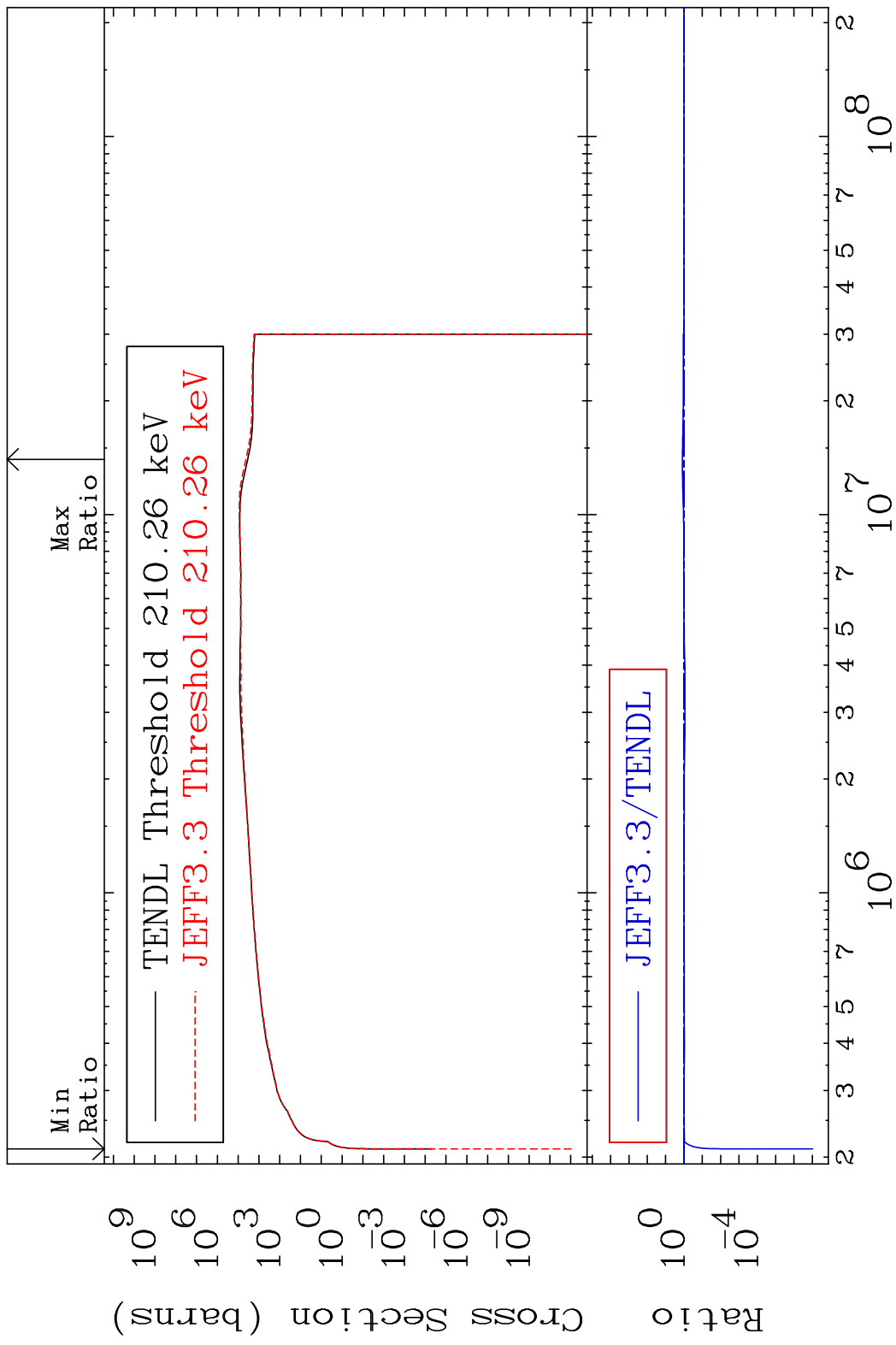


76

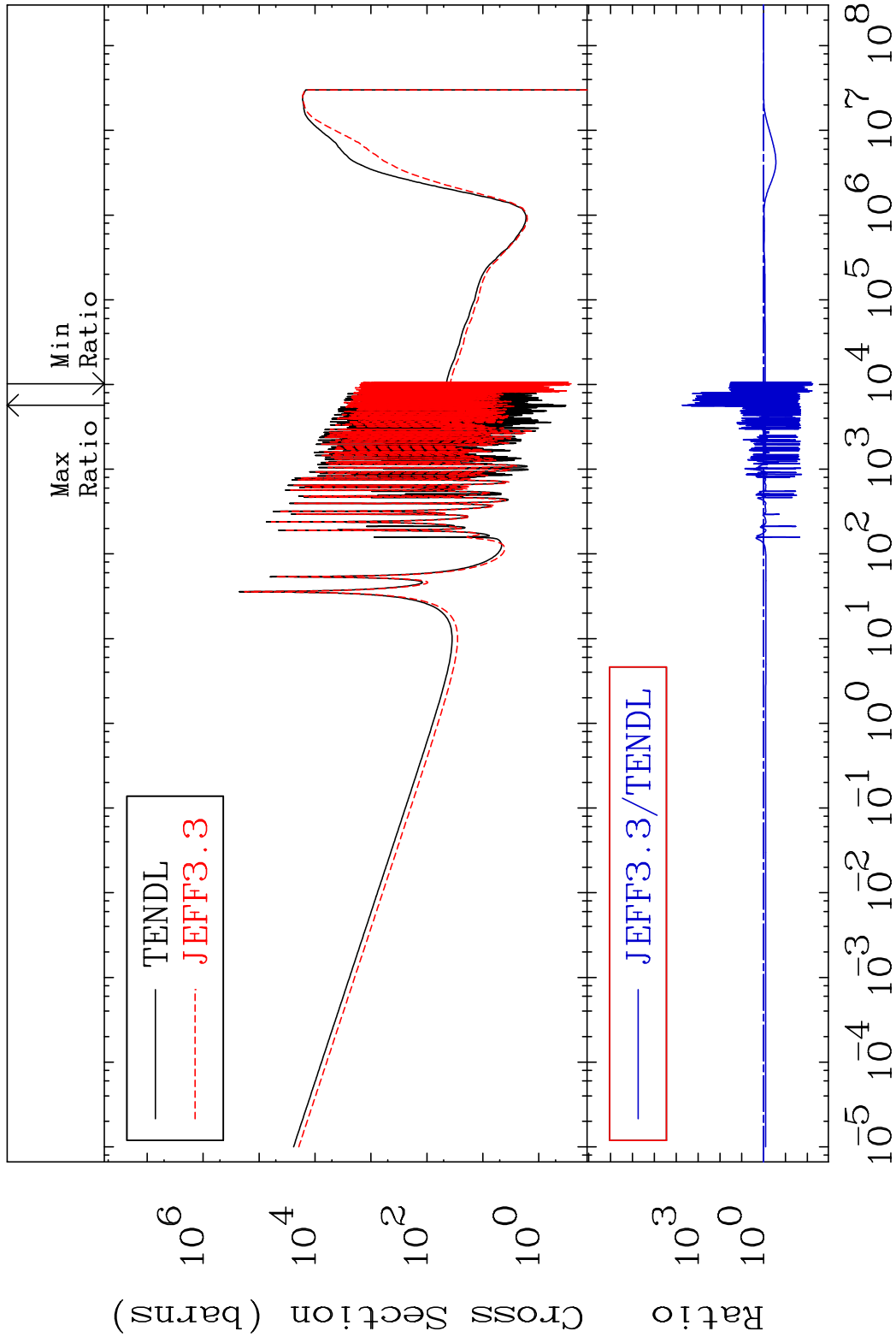
Incident Energy (eV)

35-Br-79

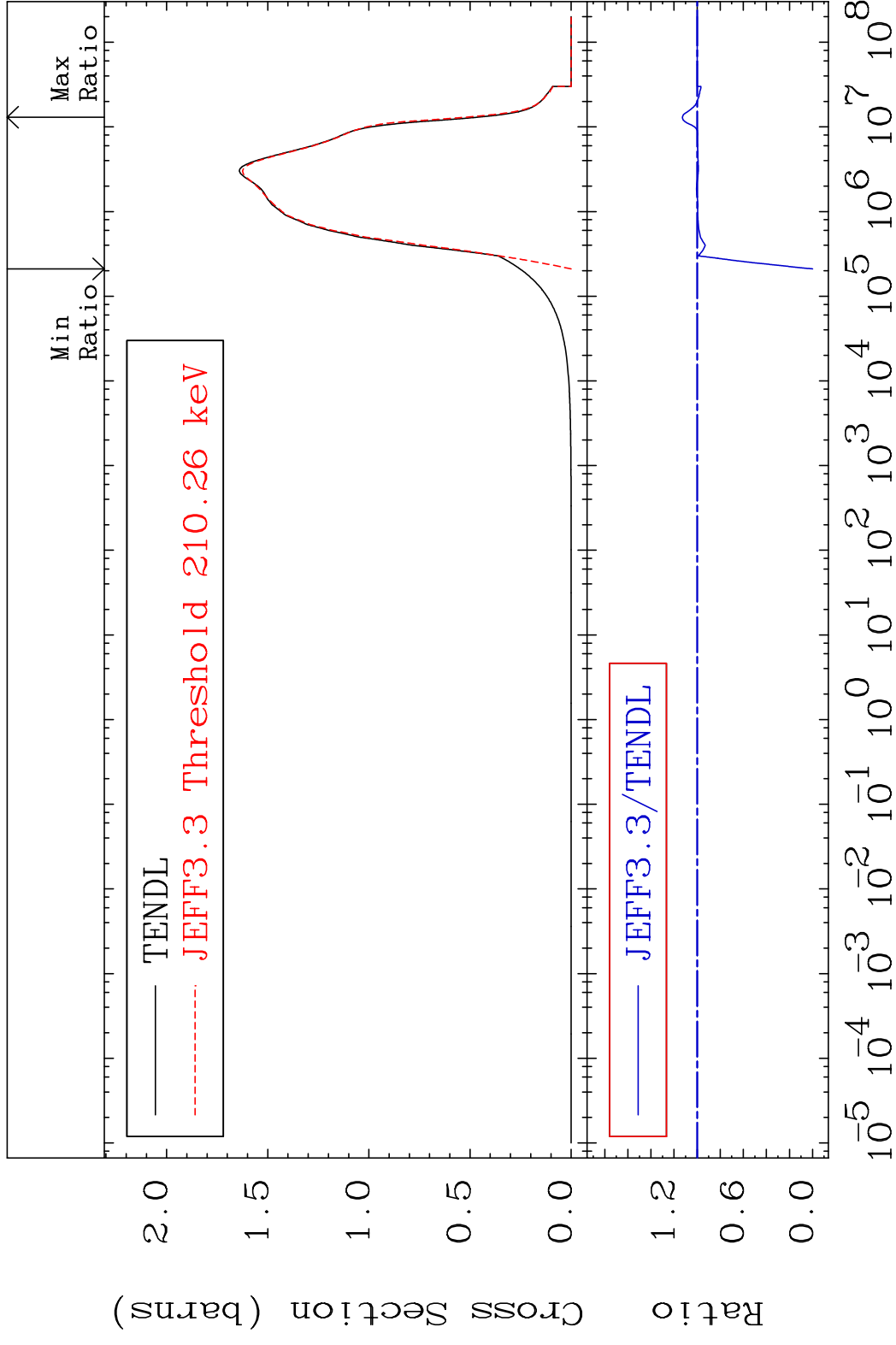
MAT 3525 Dpa inelastic (mt51-91) 35-Br-79
 Cross Section -100.0 To 22.41 %



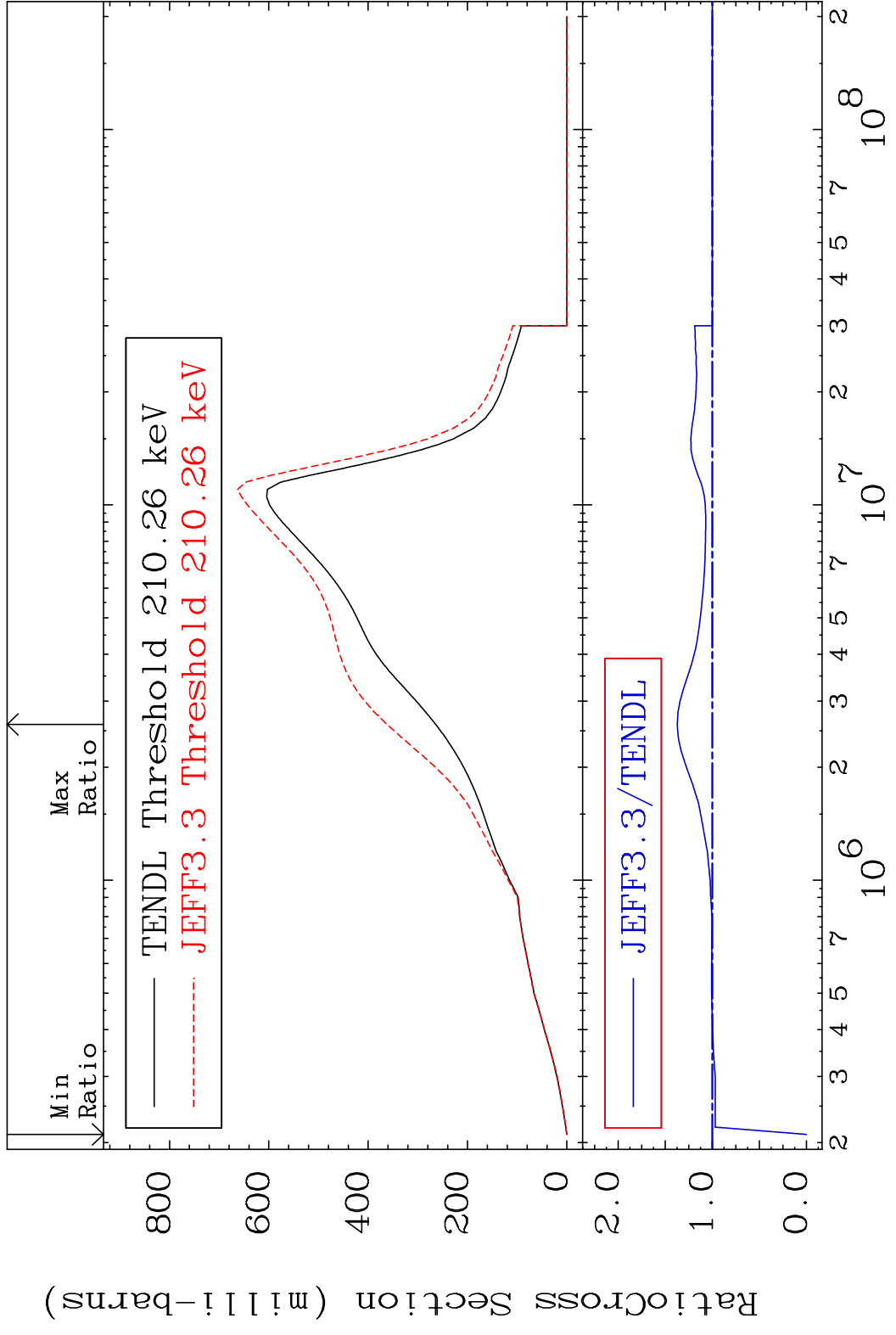
MAT 3525 Dpa disappearance (mt102 -120) 35-Br-79
 Cross Section -99.42 To 9999. %



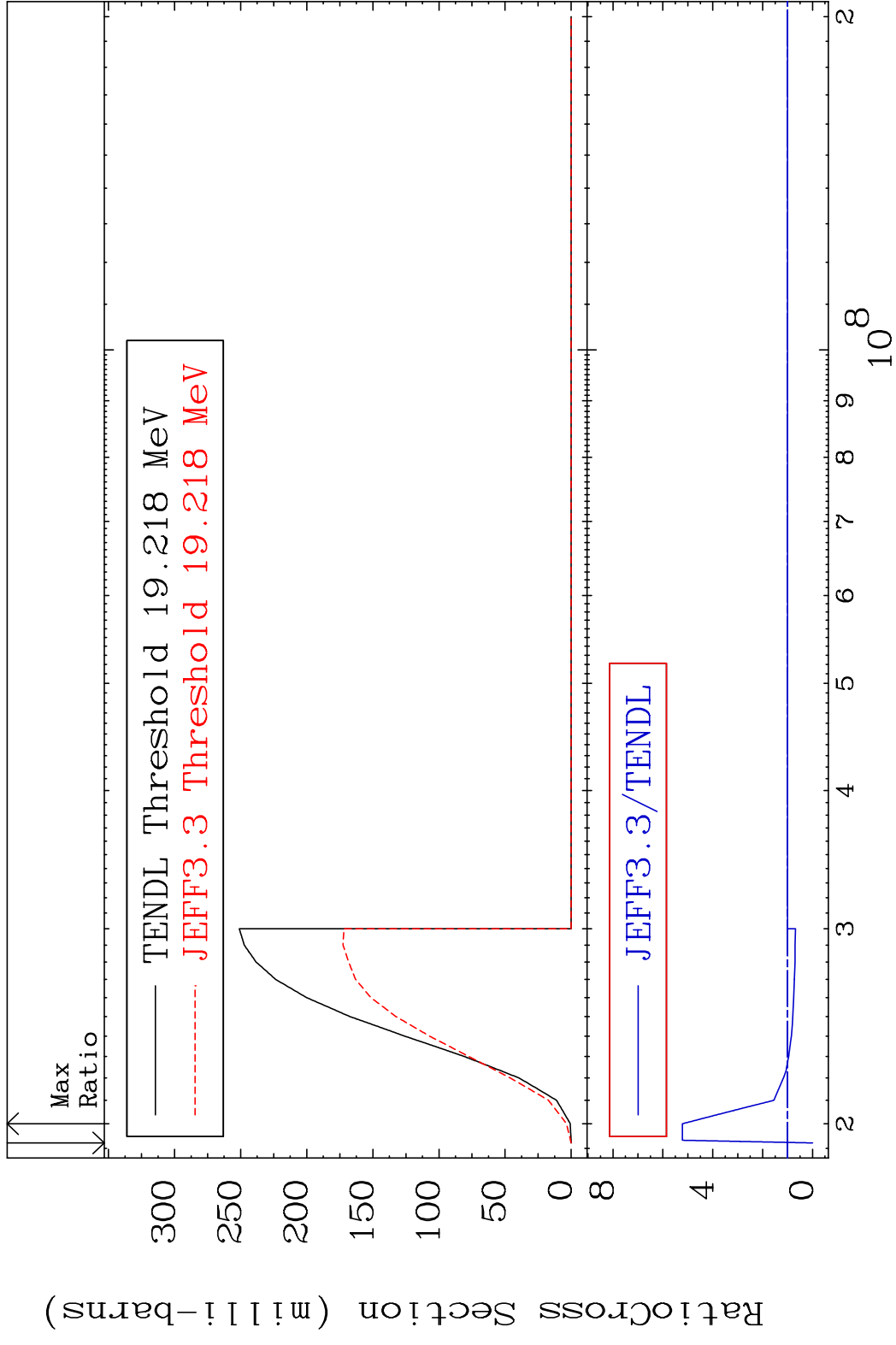
MAT 3525 Inelastic:35-Br-79g 35-Br-79
 Radionuclide Production Cross Section 180.01 dth 12.80 %



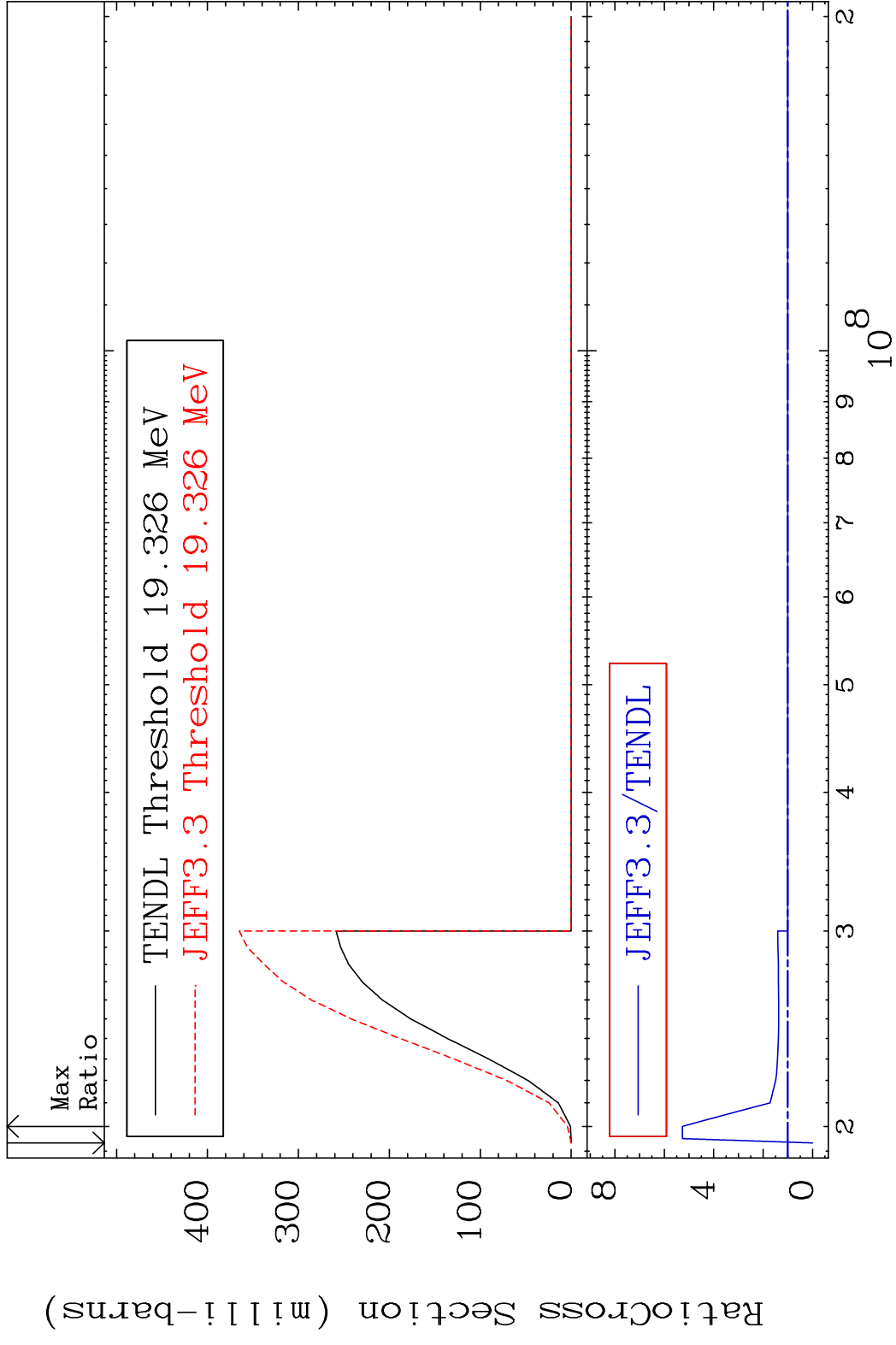
79 Incident Energy (eV) 35-Br-79



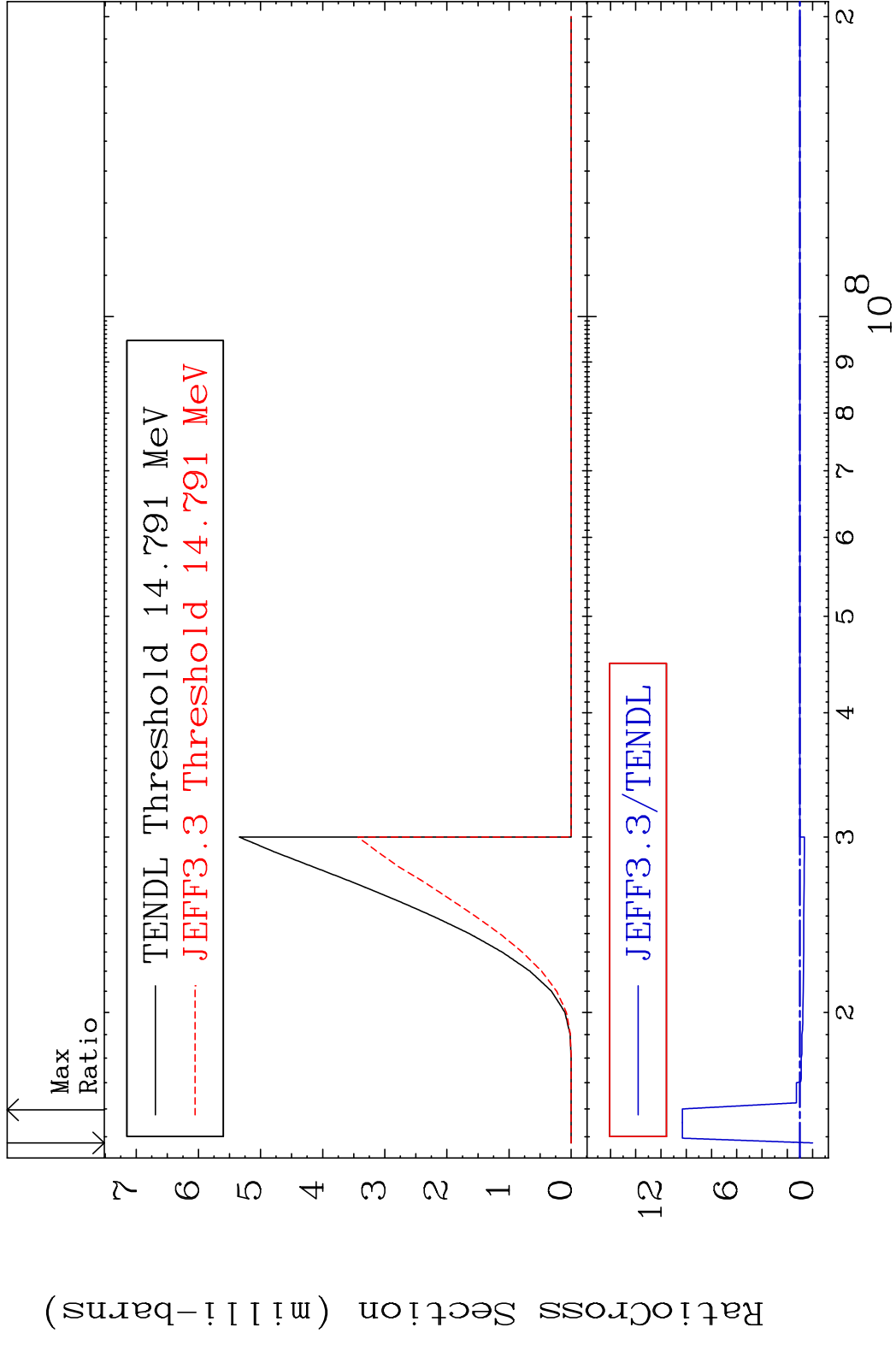
MAT 3525 (n,3n):35-Br-77g 35-Br-79
 Radionuclide Production Cross Section 180.01 dth 421.9 %

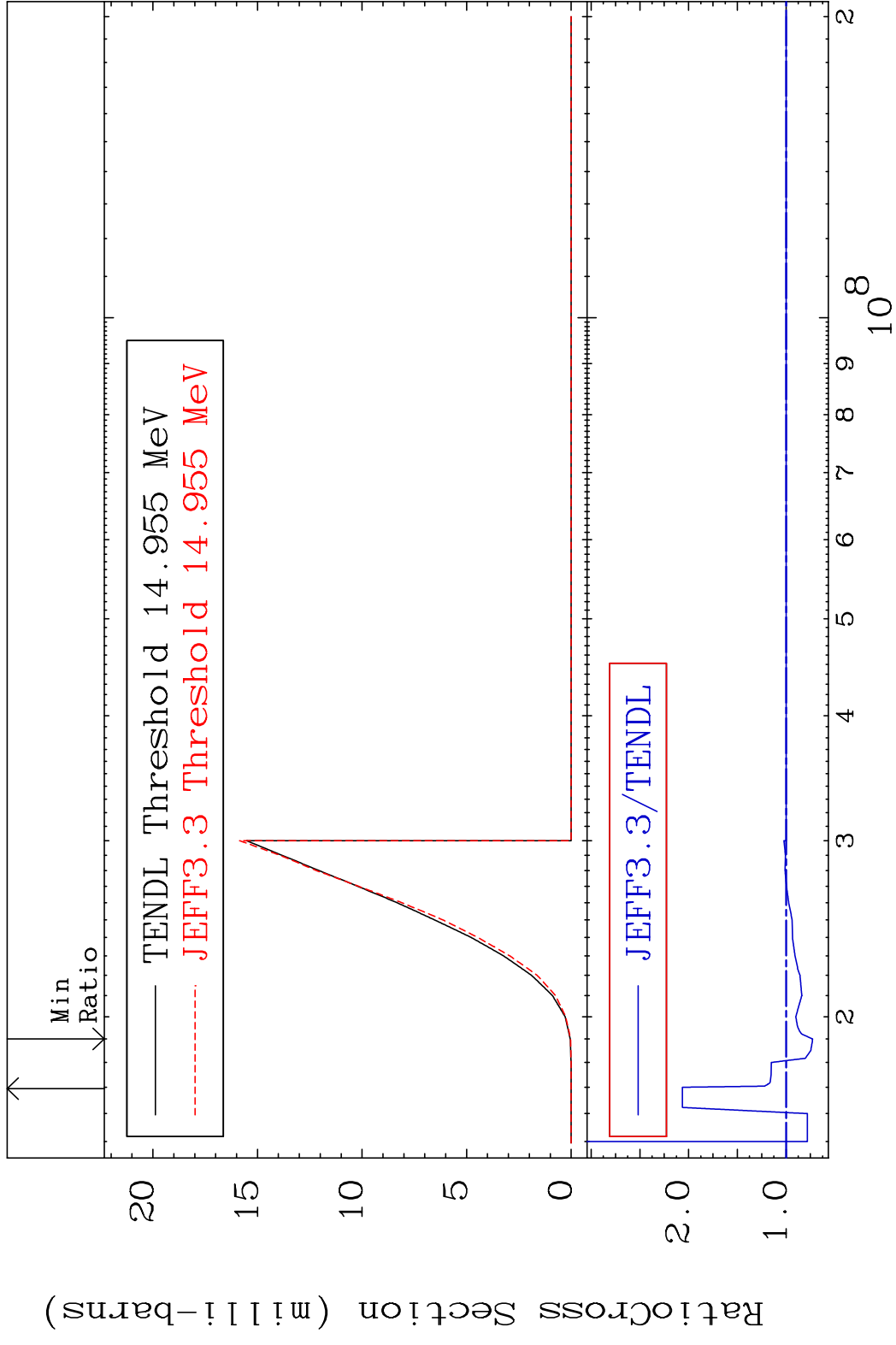


MAT 3525 (n, 3n) : 35-Br-77m1 35-Br-79
 Radionuclide Production Cross Section 180.01 dth 426.9 %

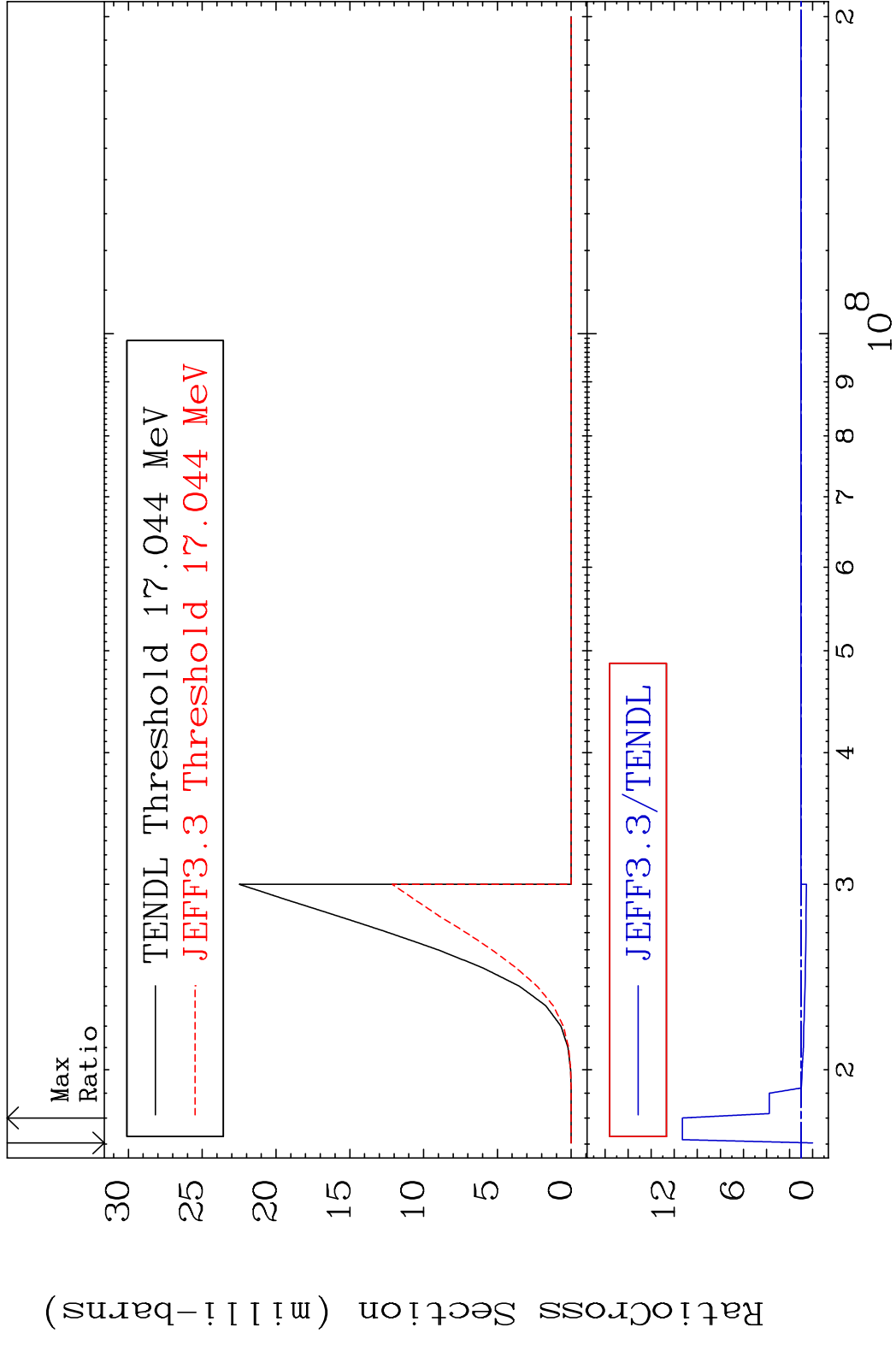


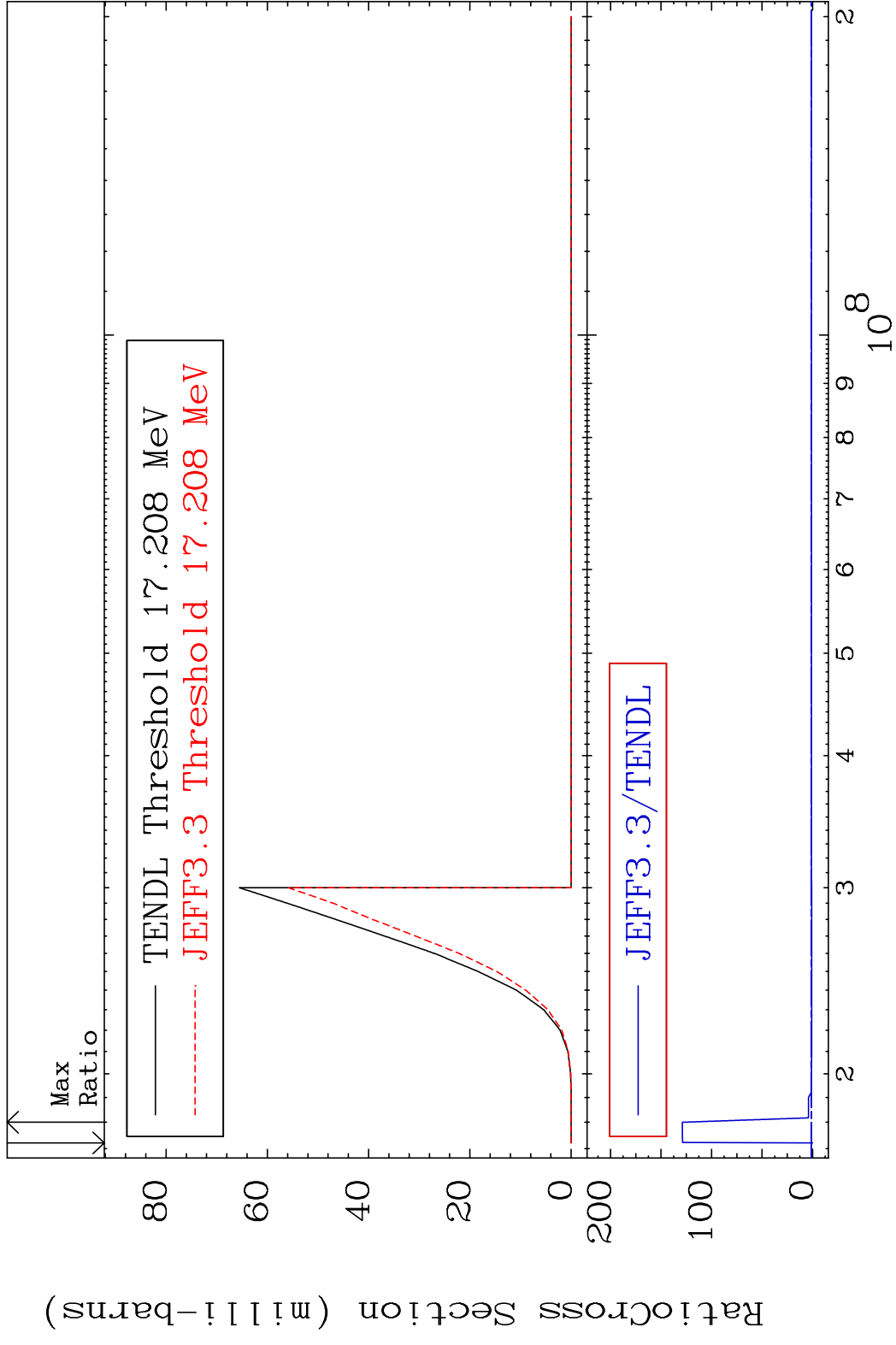
MAT 3525 (n, n') d:34-Se-77g 35-Br-79
 Radionuclide Production Cross Section 180.0 dth 930.8 %



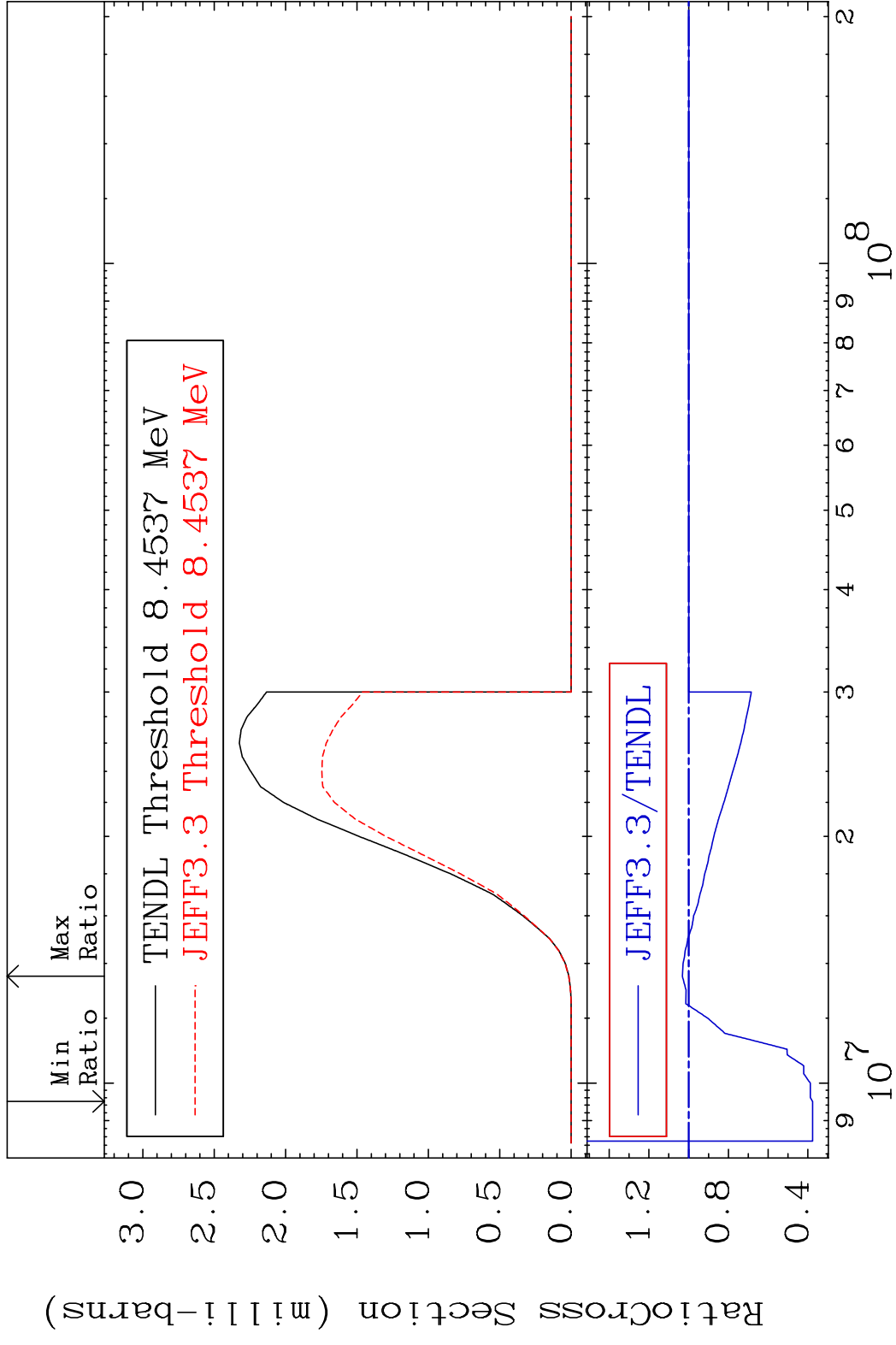


MAT 3525 (n,2n) p:34-Se-77g 35-Br-79
 Radionuclide Production Cross Section Ratio 100.00 to 1030. %

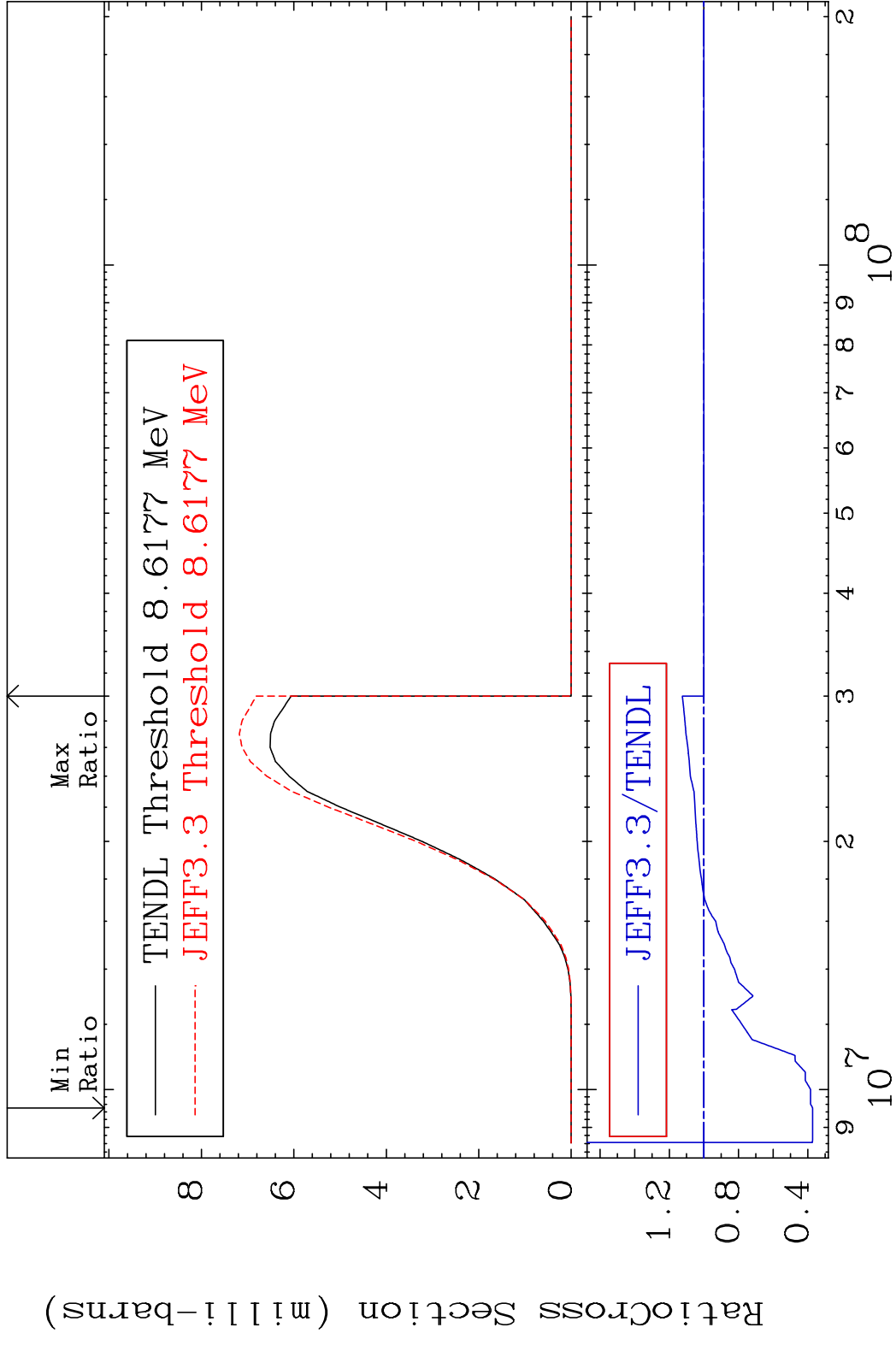


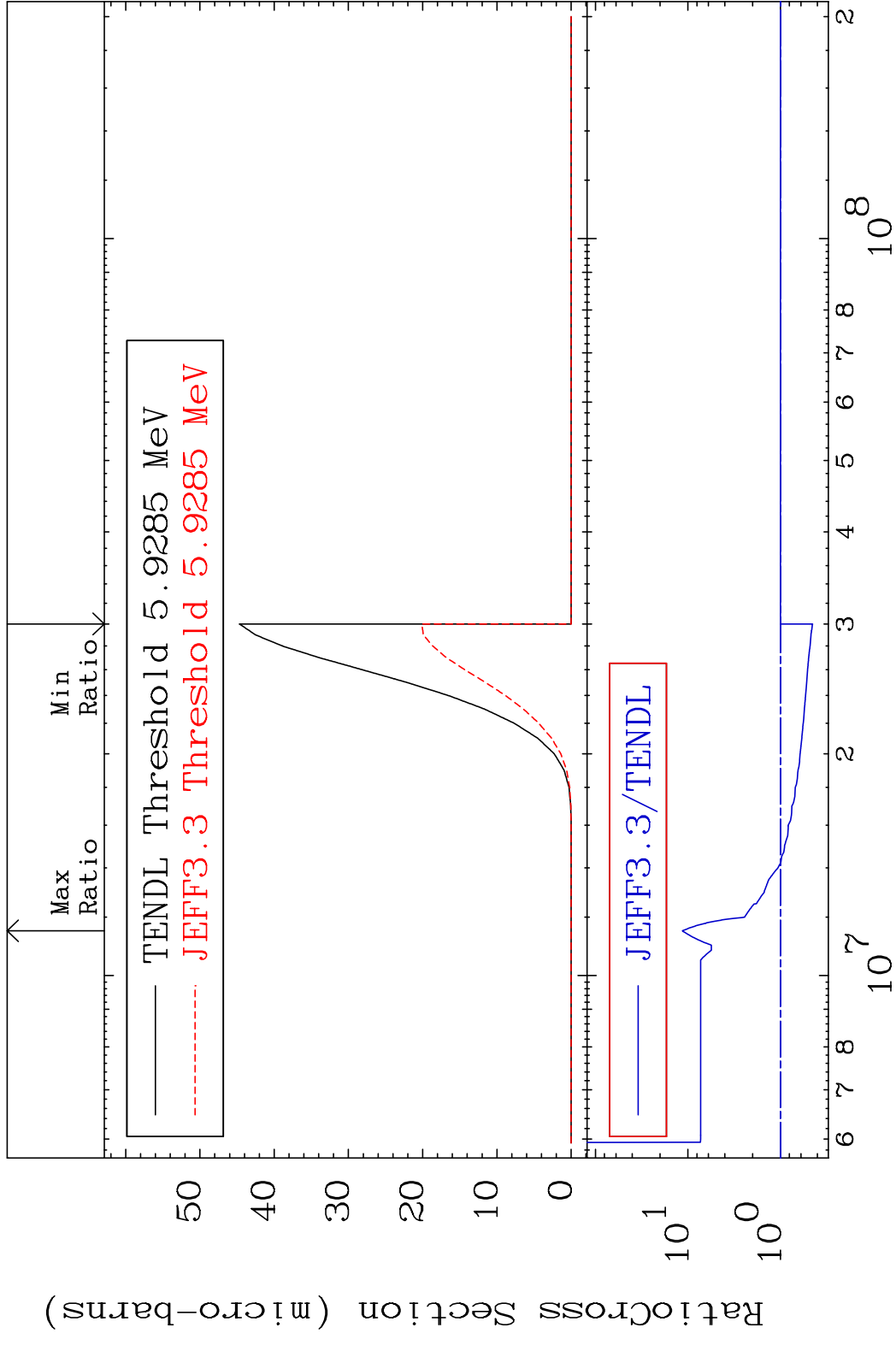


MAT 3525 (n, t):34-Se-77g 35-Br-79
 Radionuclide Production Cross Section 3.182 %

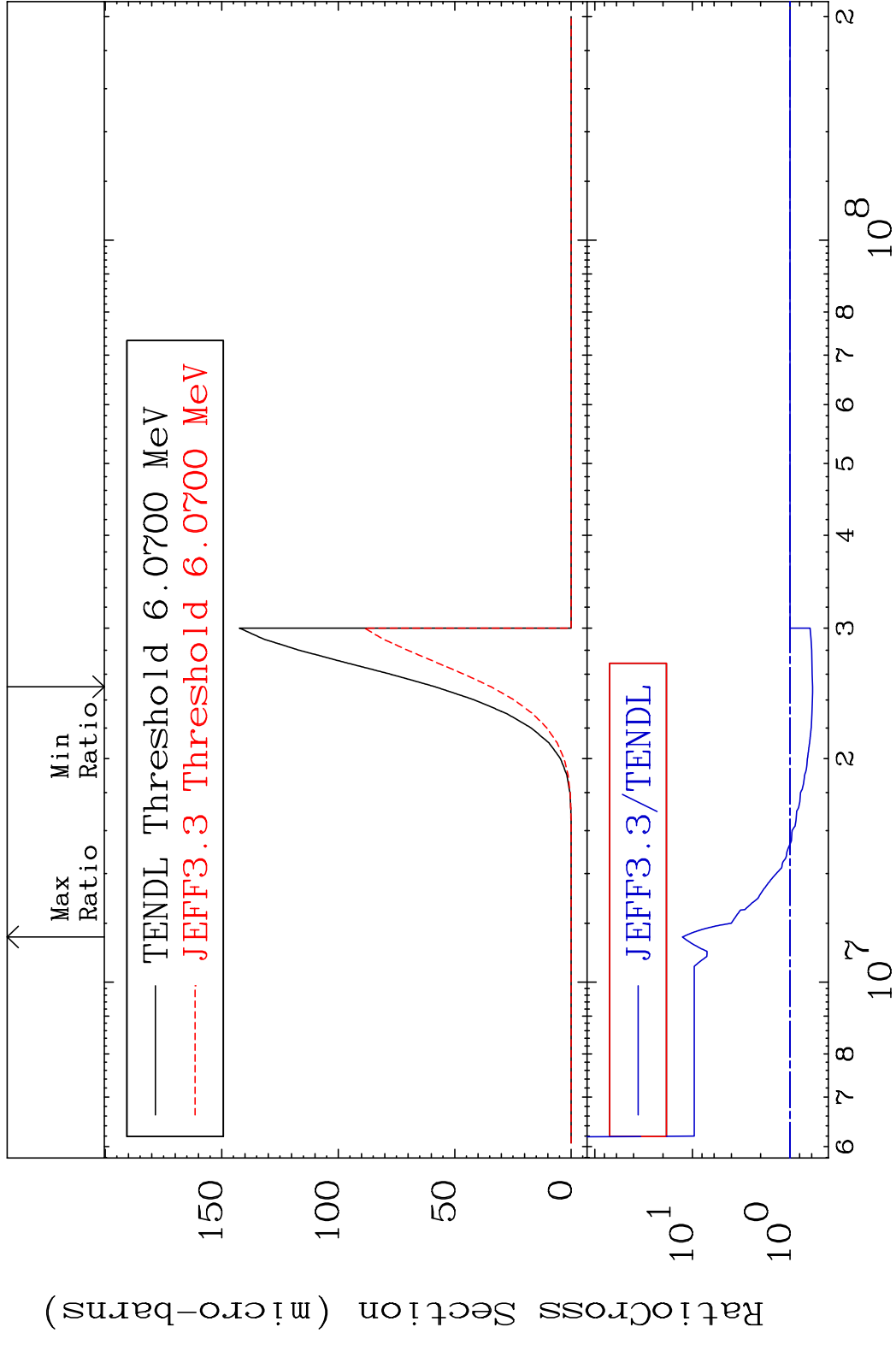


MAT 3525 (n, t):34-Se-77m1 35-Br-79
 Radionuclide Production Cross Section 12.46 %





MAT 3525 (n, p) α :32-Ge-75m2 35-Br-79
 Radionuclide Production Cross Section 1170. %



90 Incident Energy (eV) 35-Br-79