

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

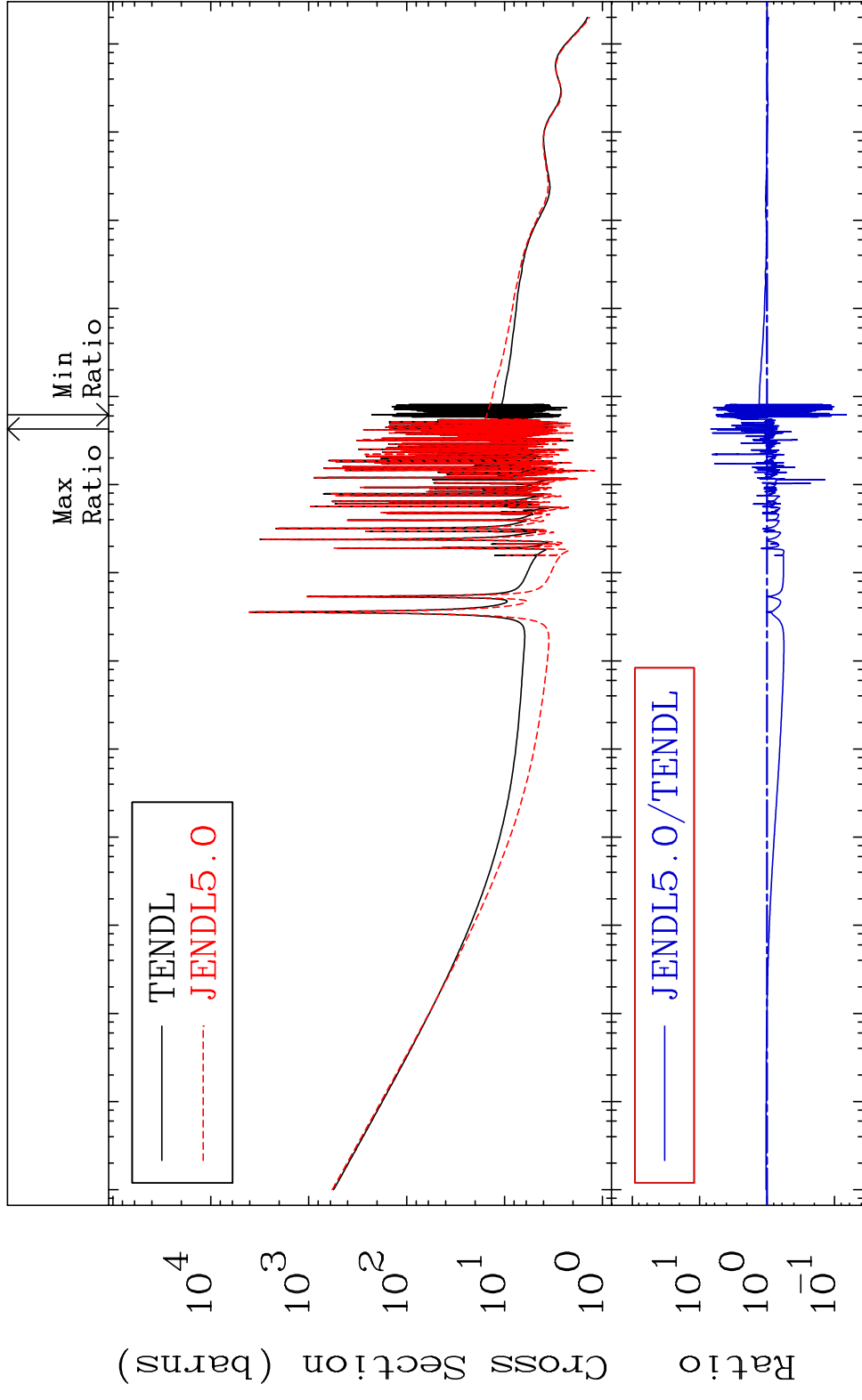
MAT 3525

Total

35-Br-79

Cross Section

-93.32 To 585.9 %



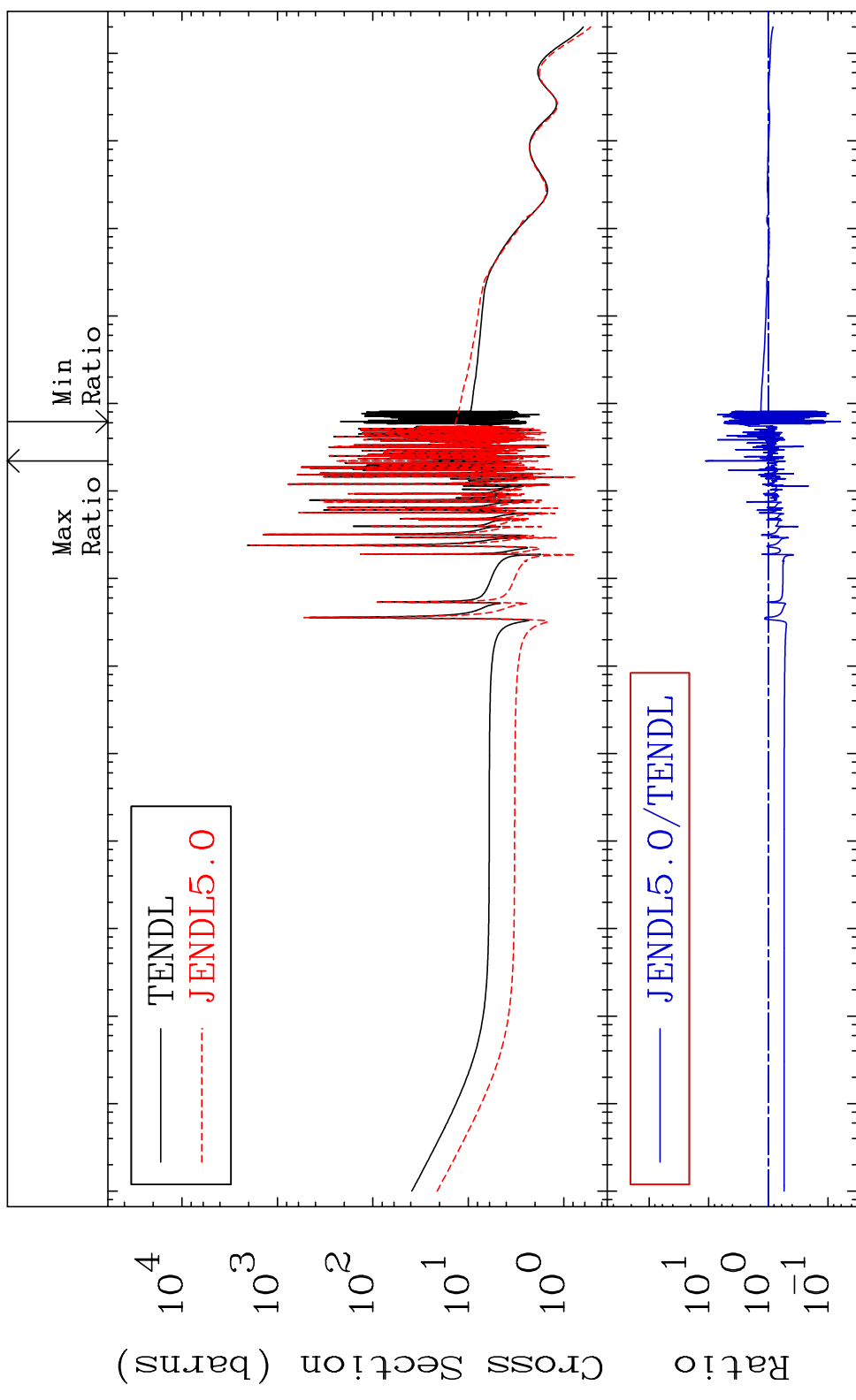
1

Incident Energy (eV)

35-Br-79

MAT 3525

Elastic Cross Section -93.84 To 1021. %
35-Br-79



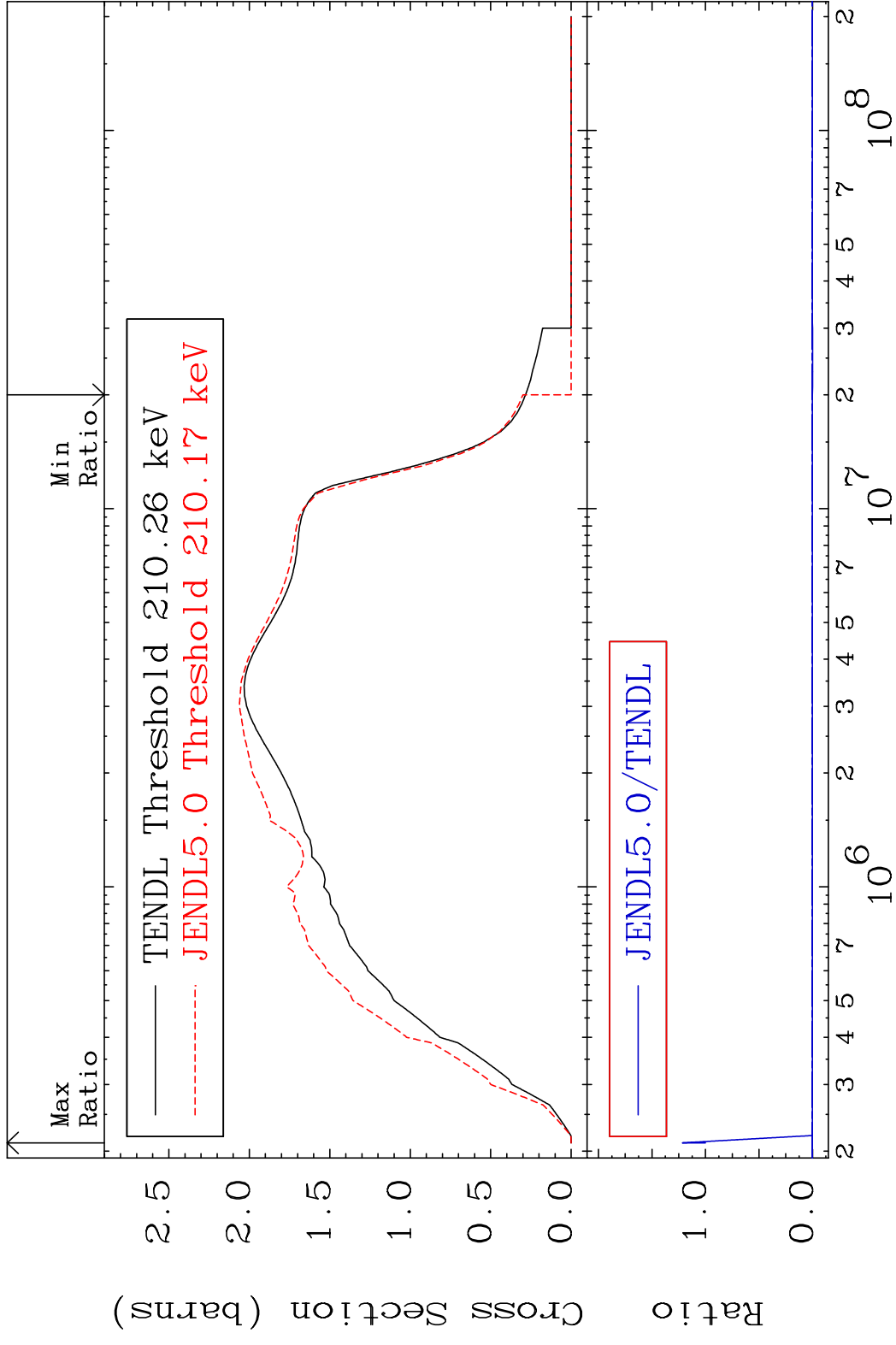
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

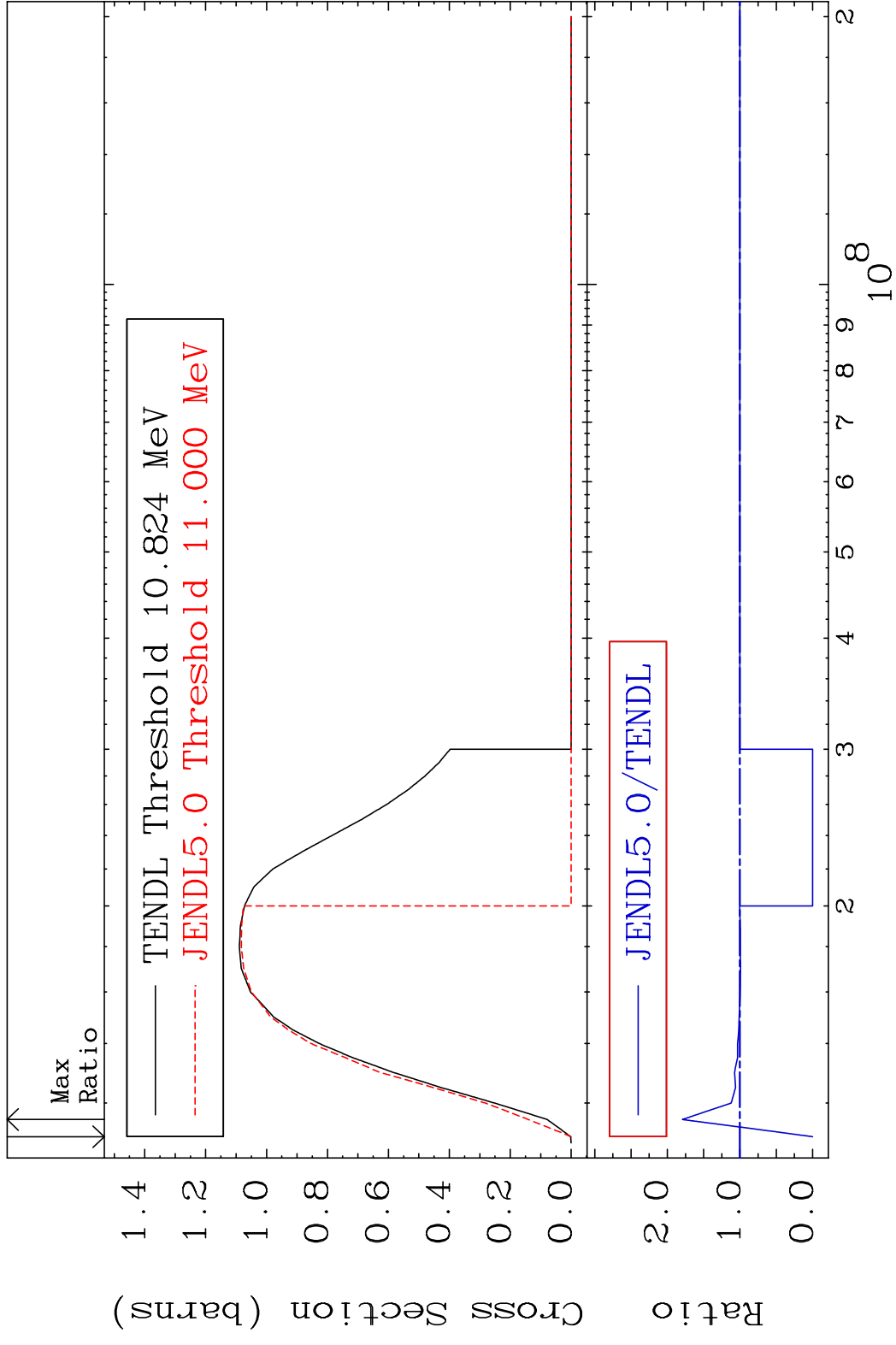
Incident Energy (eV)

35-Br-79

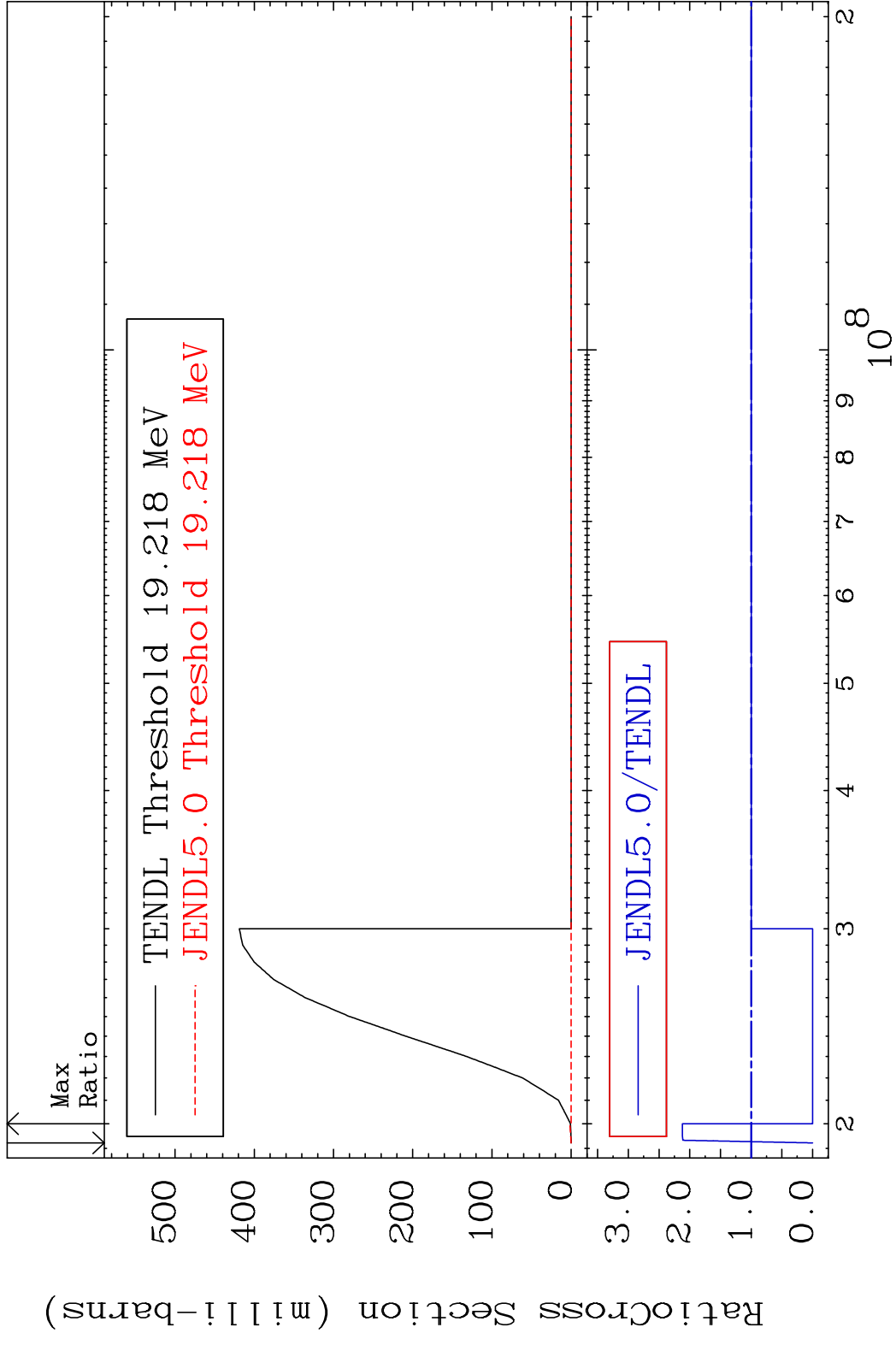
MAT 3525 Inelastic Cross Section -100.0 To 9999. % 35-Br-79



MAT 3525 (n,2n) 35-Br-79
 Cross Section -100.0 To 79.30 %



MAT 3525 (n,3n) 35-Br-79
 Cross Section -100.0 To 112.0 %

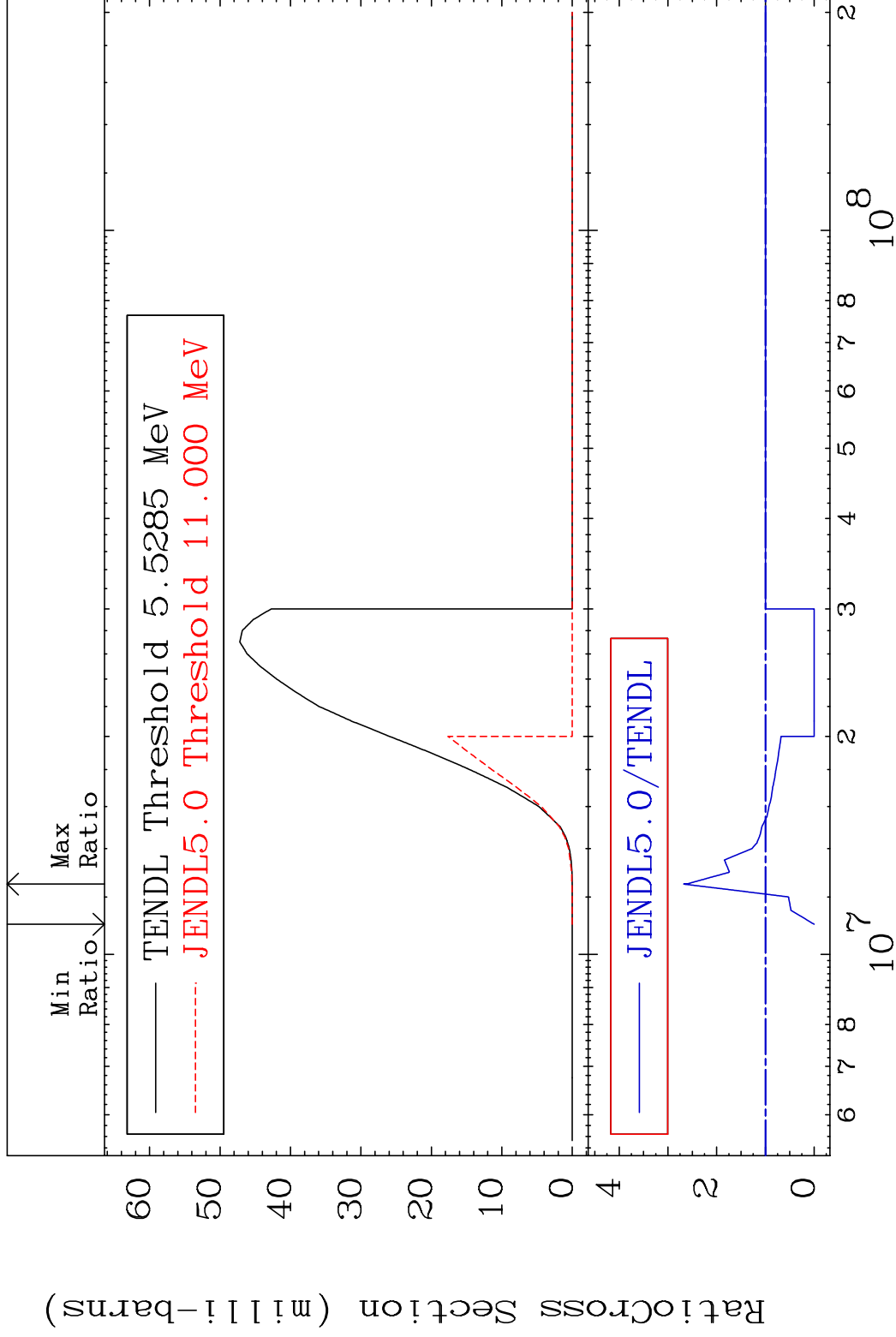


MAT 3525

(n, n') α

35-Br-79

Cross Section -100.0 To 167.7 %



7

Incident Energy (eV)

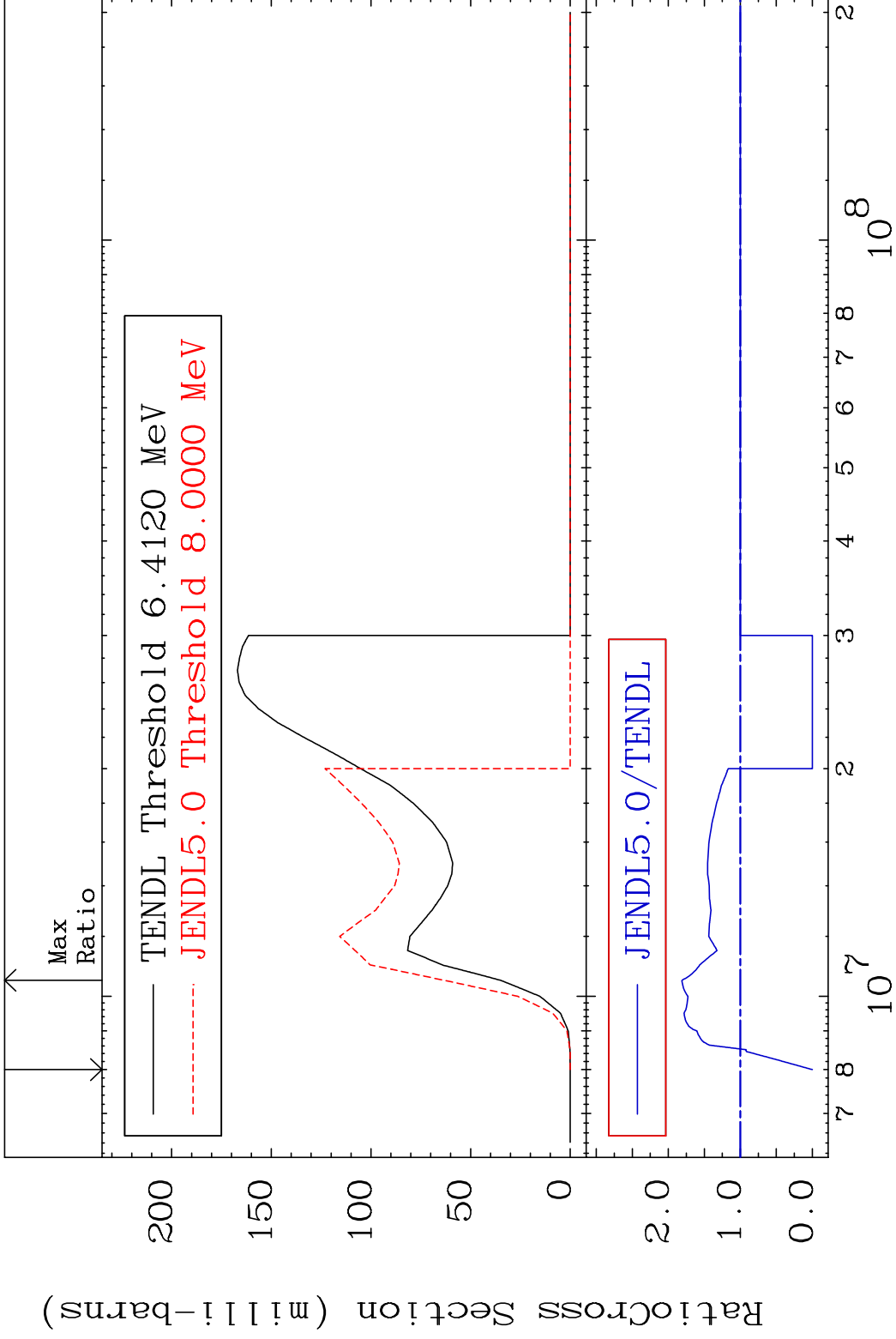
35-Br-79

MAT 3525

(n, n') p

35-Br-79

Cross Section -100.0 To 81.34 %

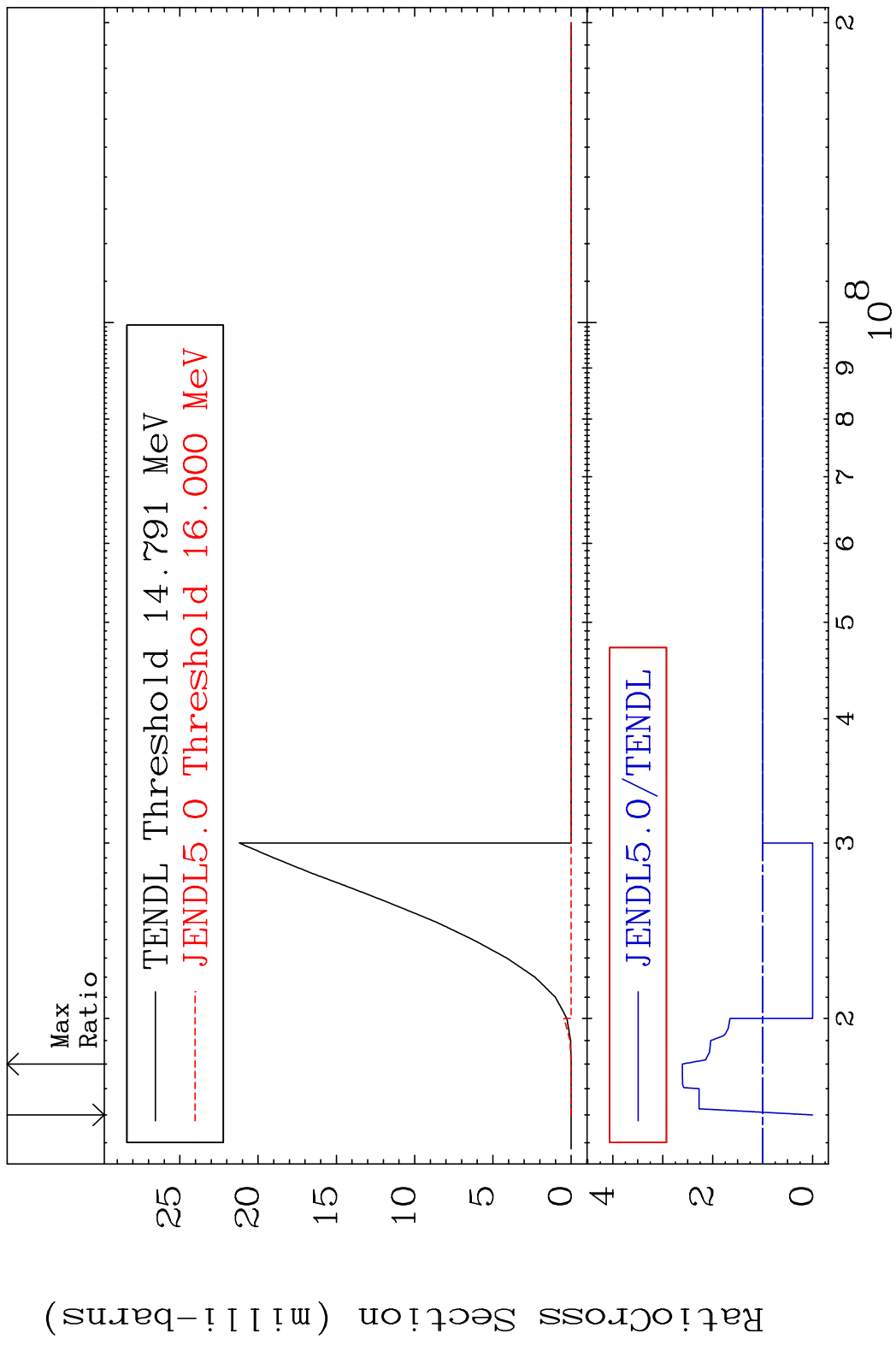


8

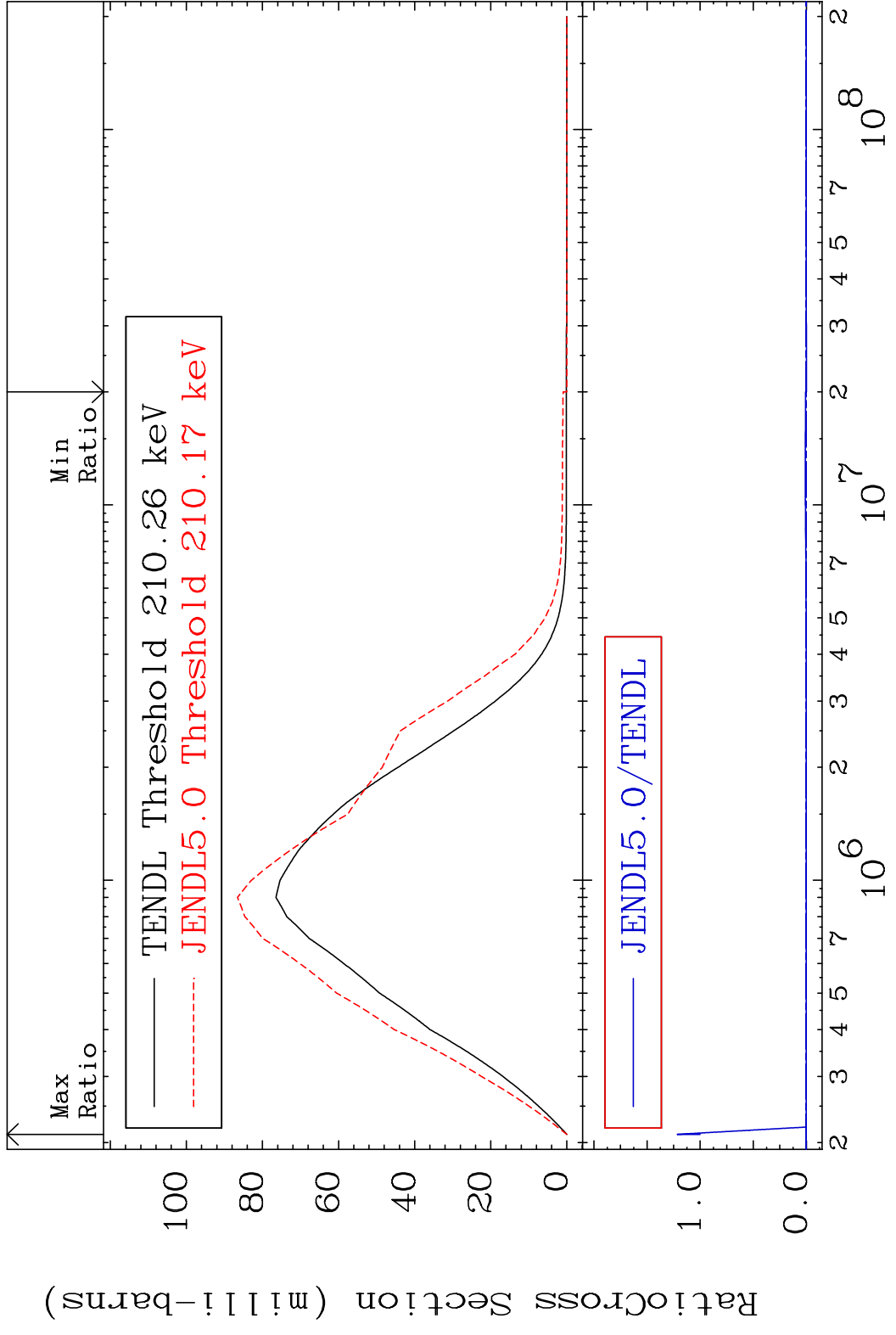
Incident Energy (eV)

35-Br-79

MAT 3525 (n, n') d 35-Br-79
 Cross Section -100.0 To 160.7 %

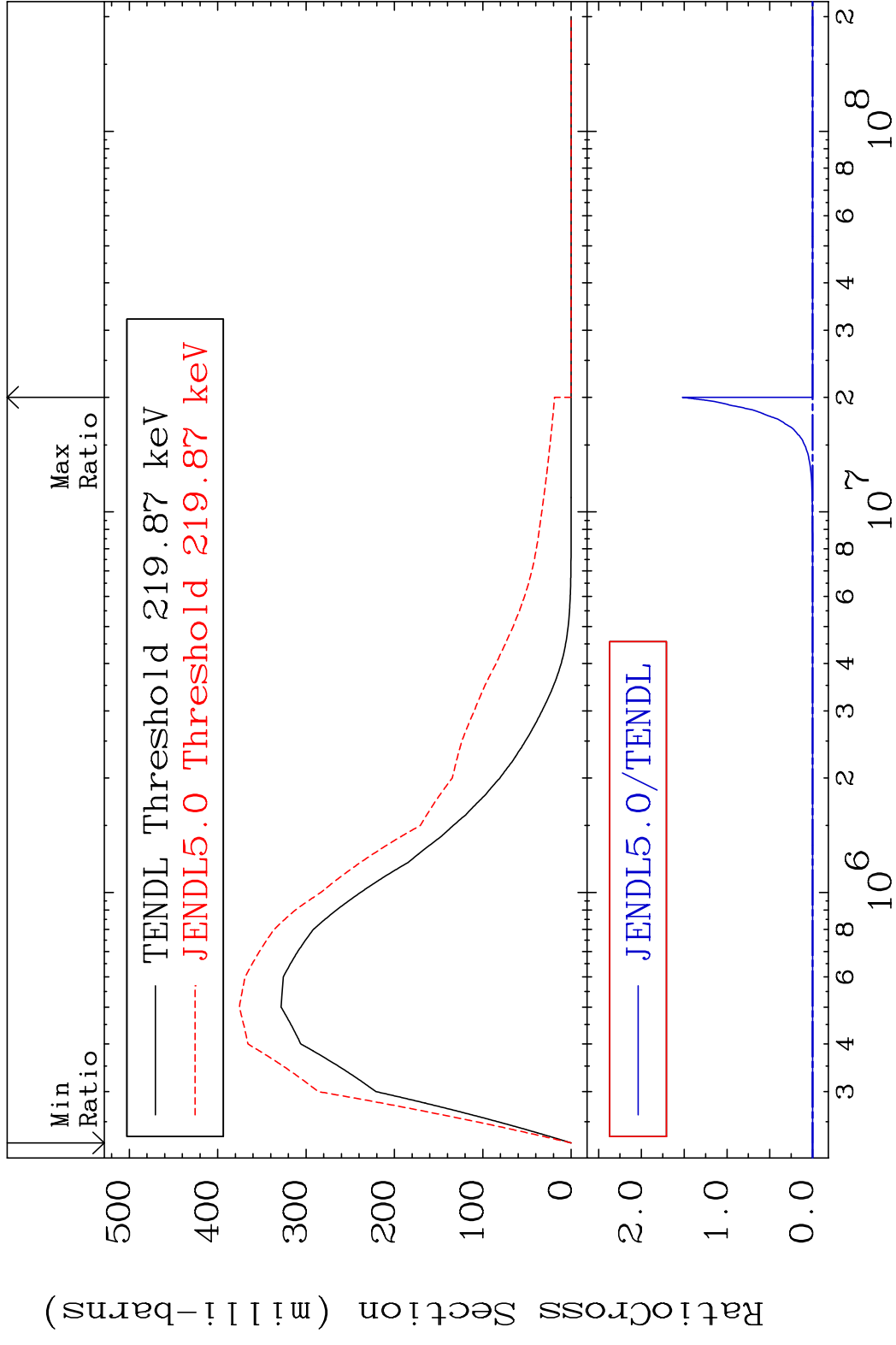


MAT 3525 MT= 51 (n,n') Level 35-Br-79
 Cross Section -100.0 To 9999. %

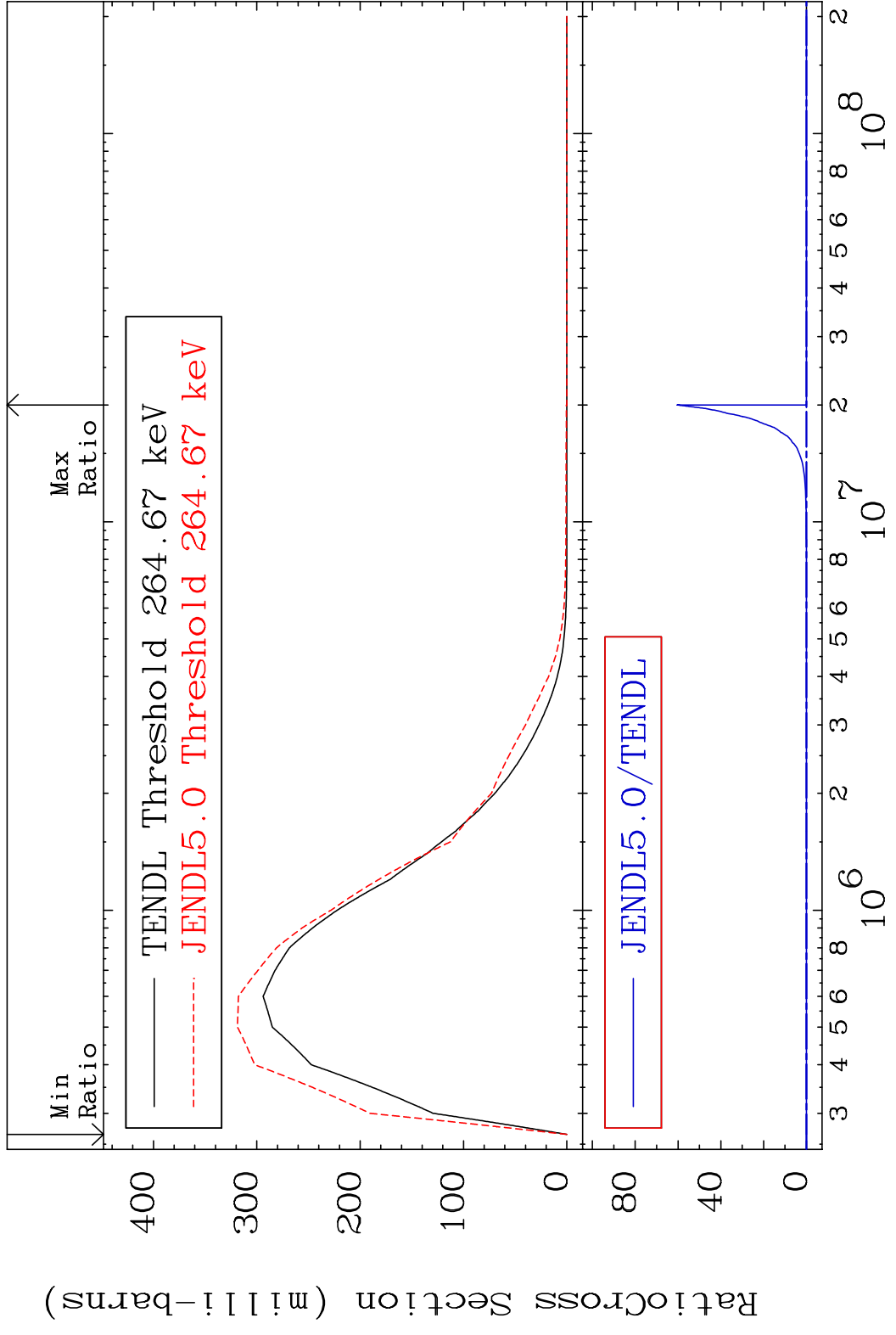


10 Incident Energy (eV) 35-Br-79

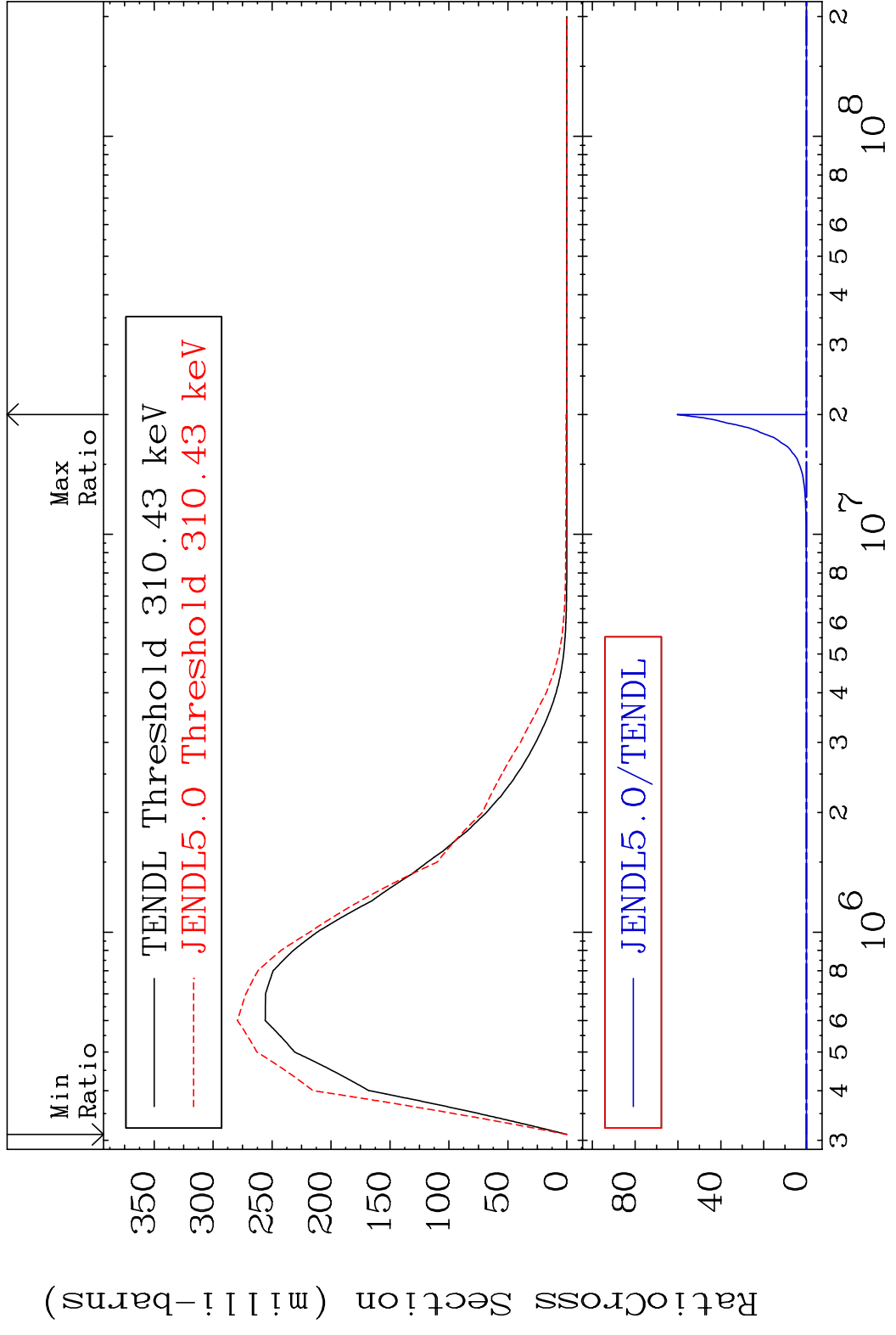
MAT 3525 MT= 52 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



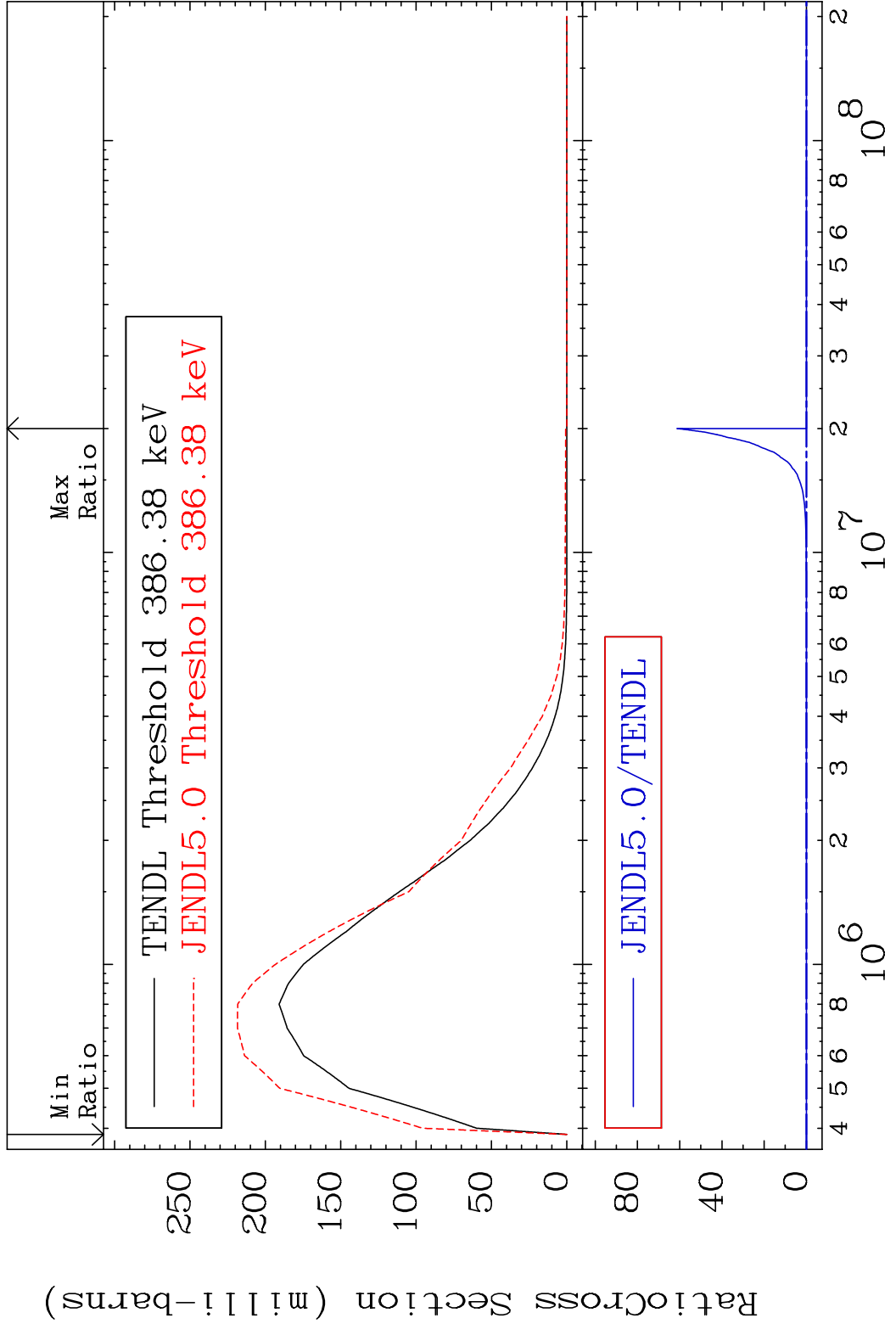
MAT 3525 MT= 53 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



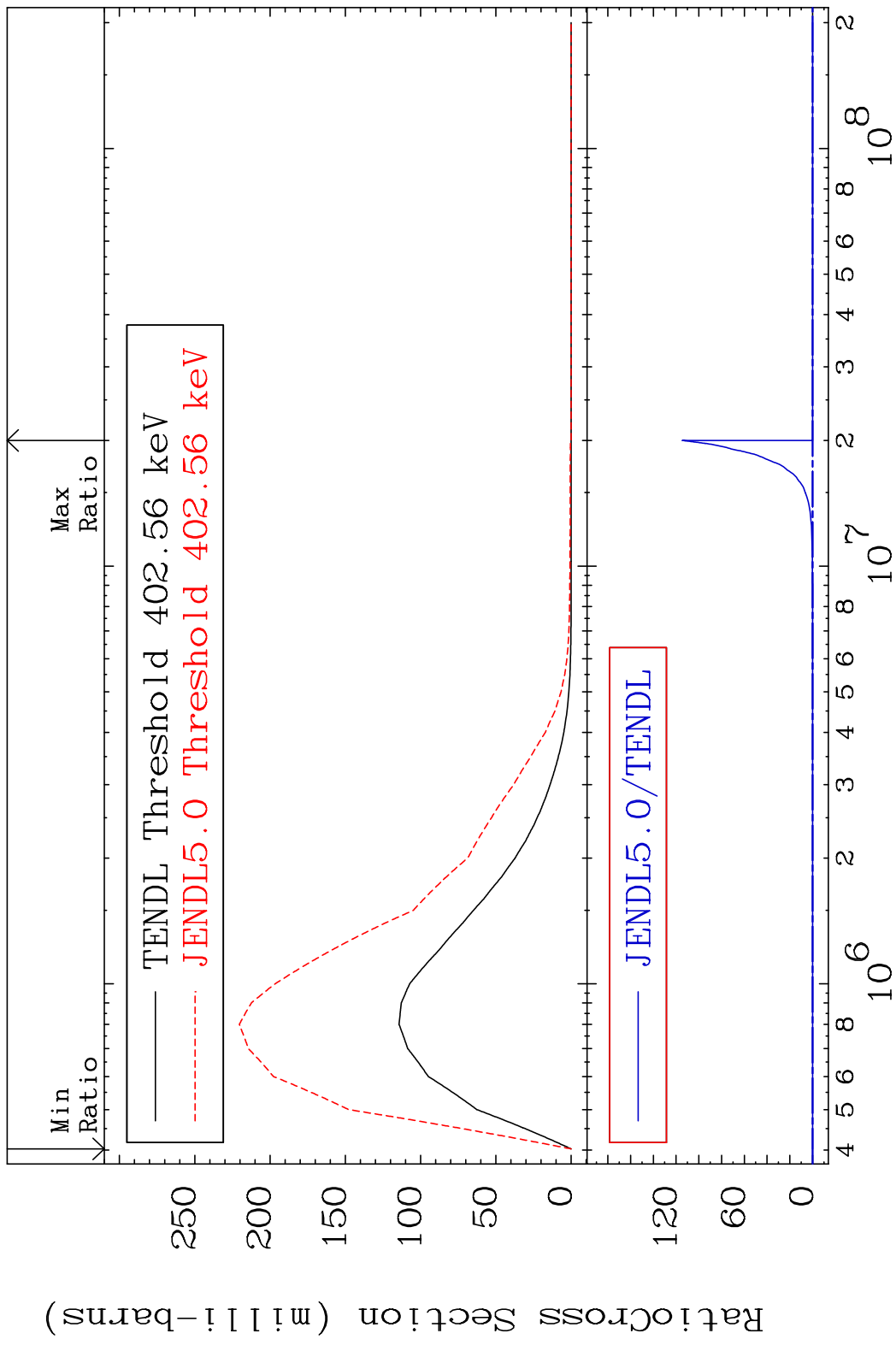
MAT 3525 MT= 54 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



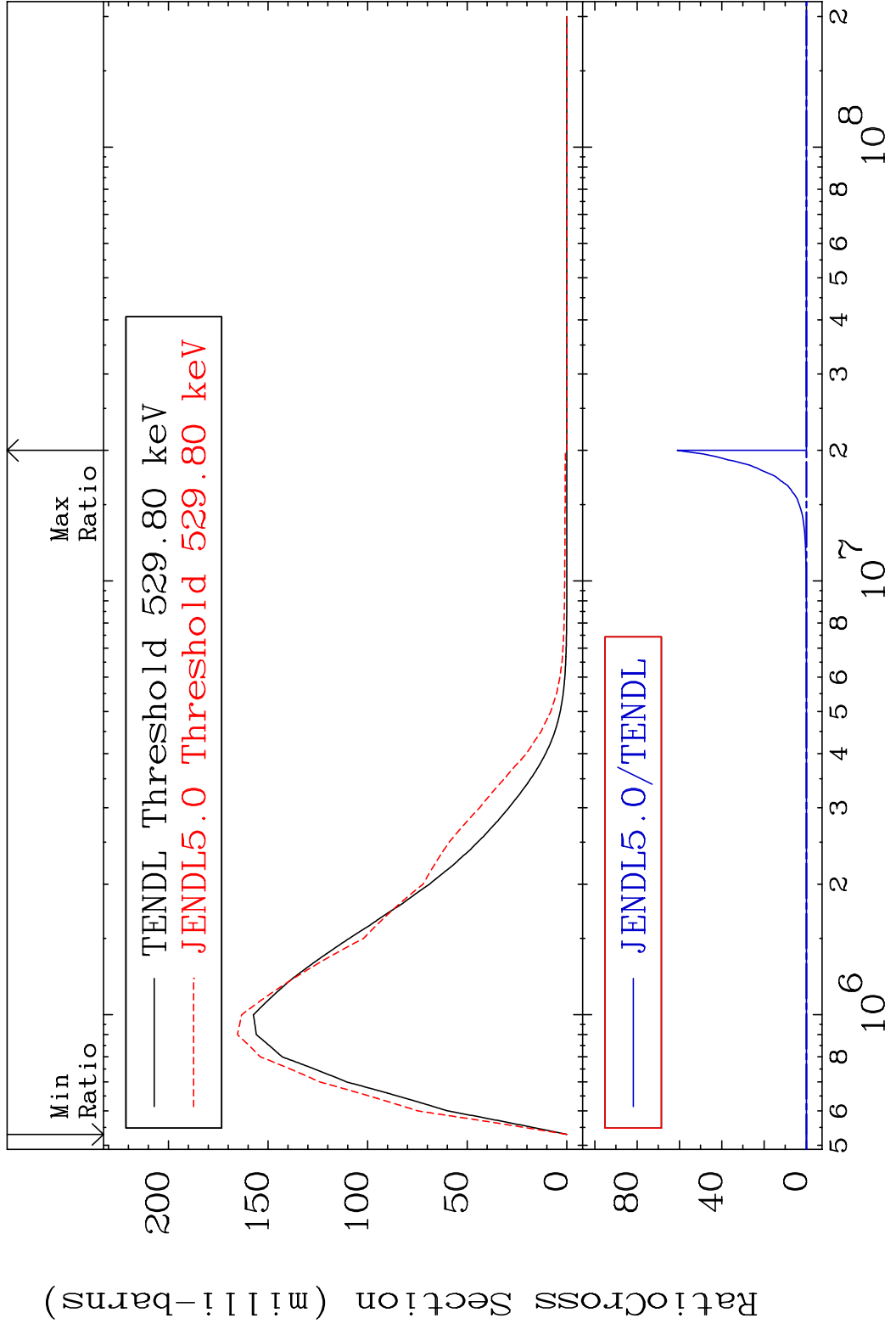
MAT 3525 MT= 55 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



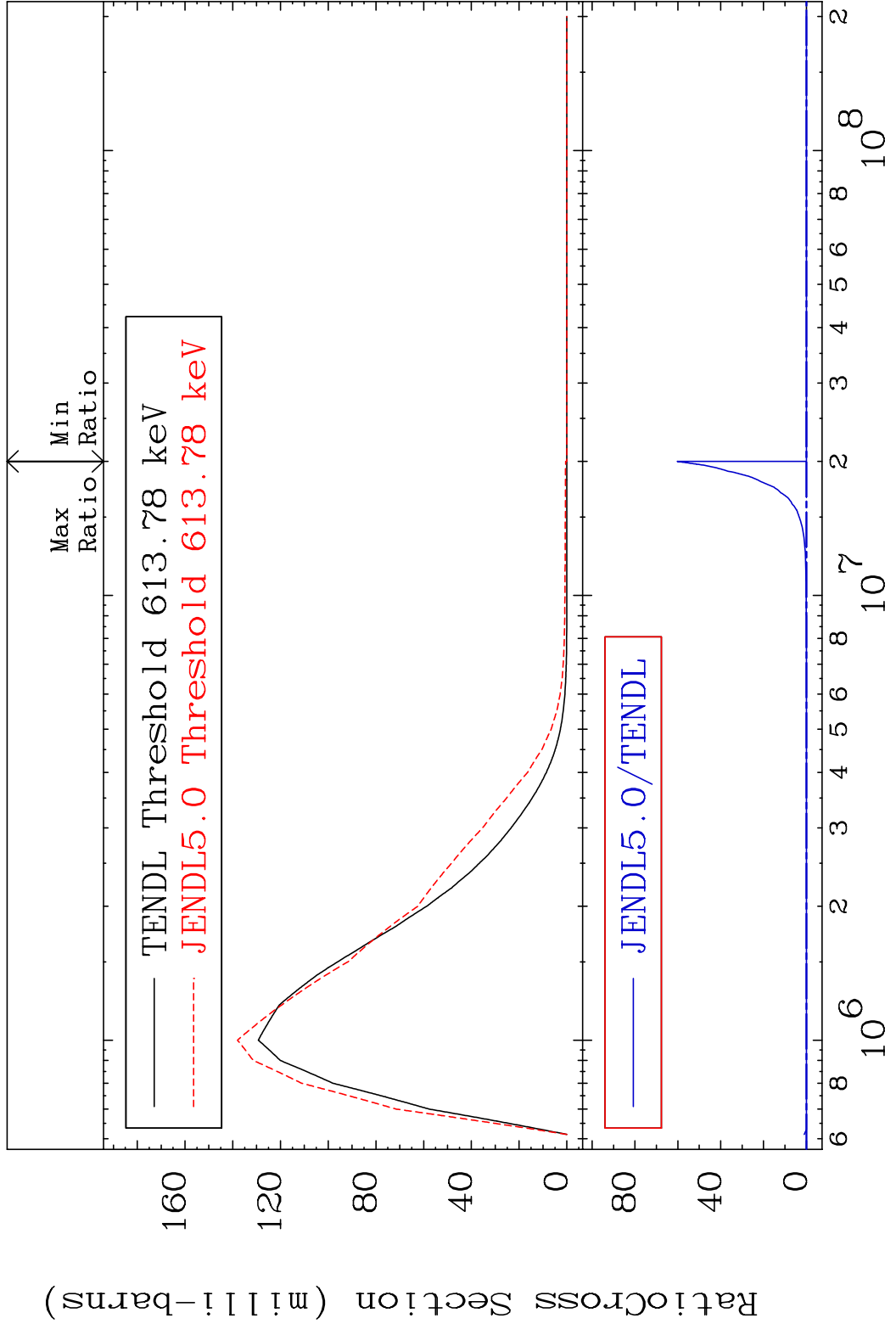
MAT 3525 MT= 56 (n,n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



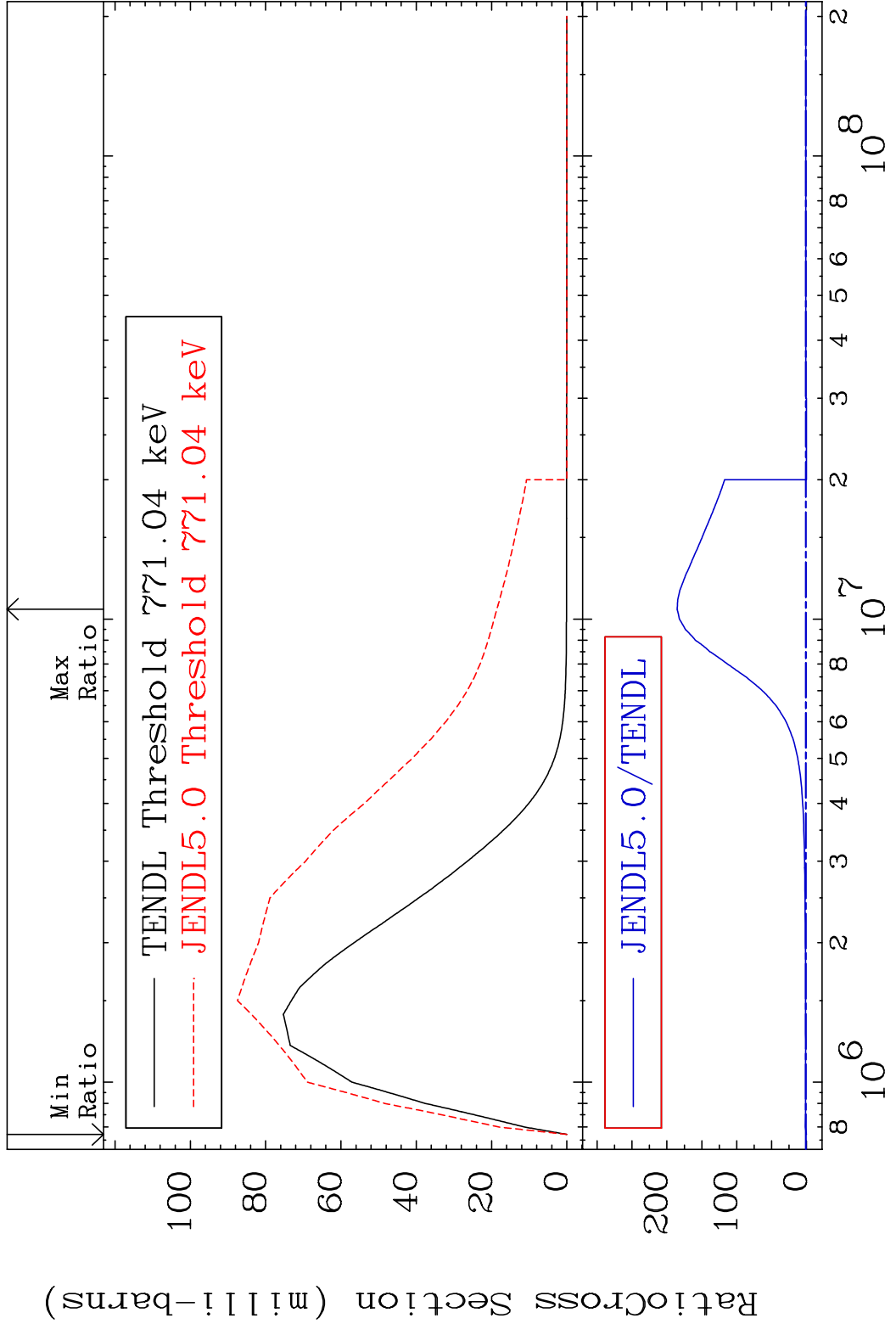
MAT 3525 MT= 57 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



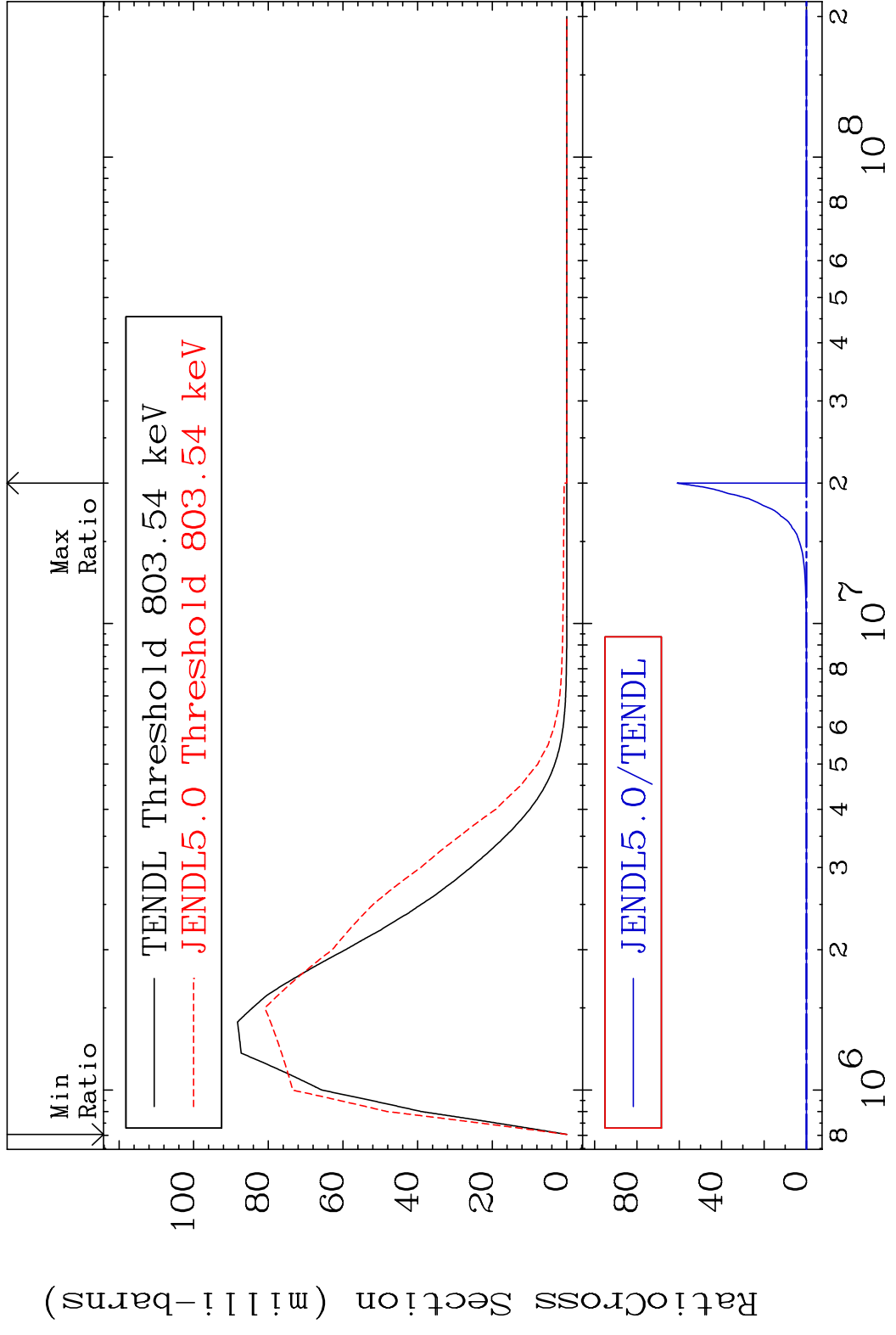
MAT 3525 MT= 58 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



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

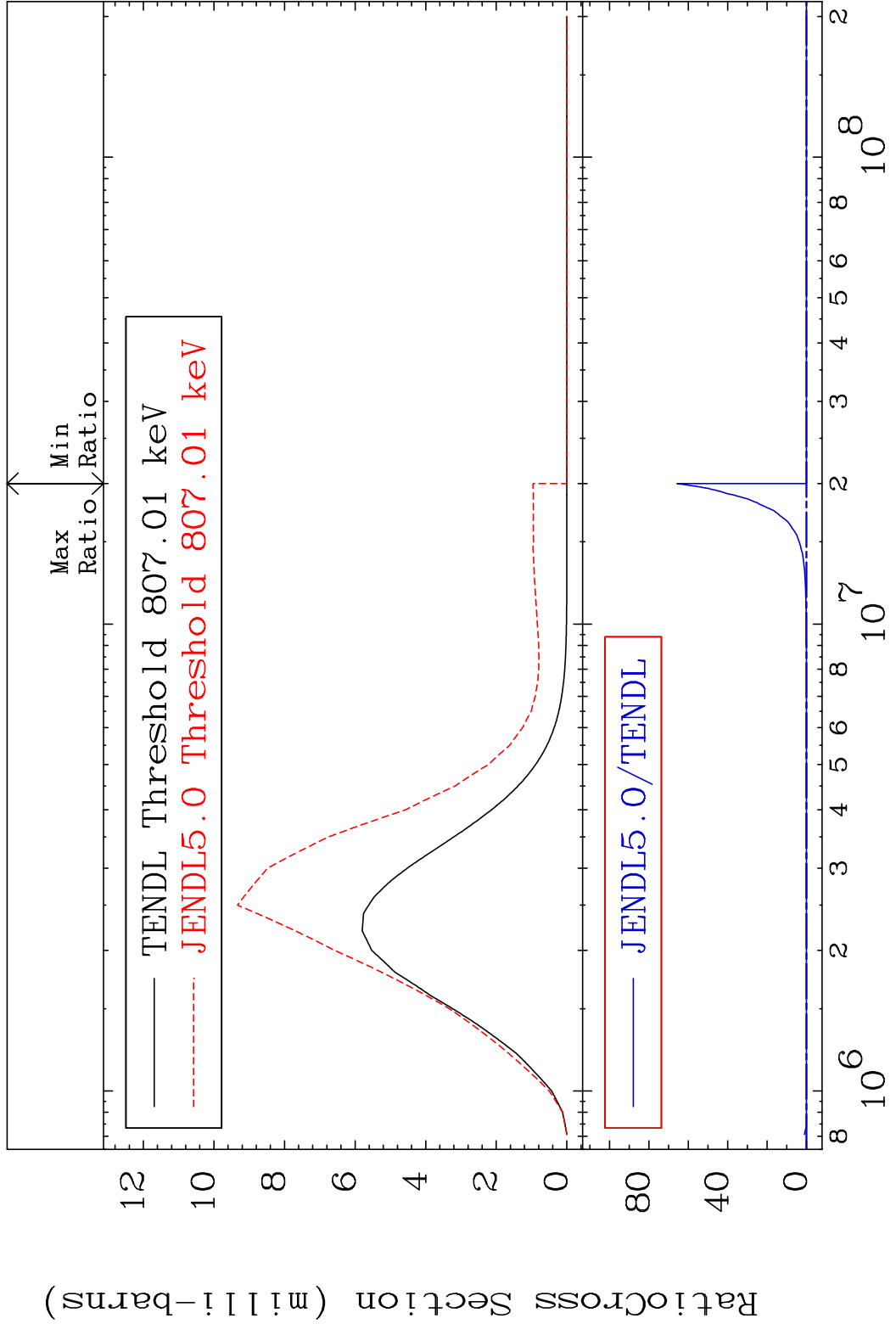


MAT 3525 MT= 60 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



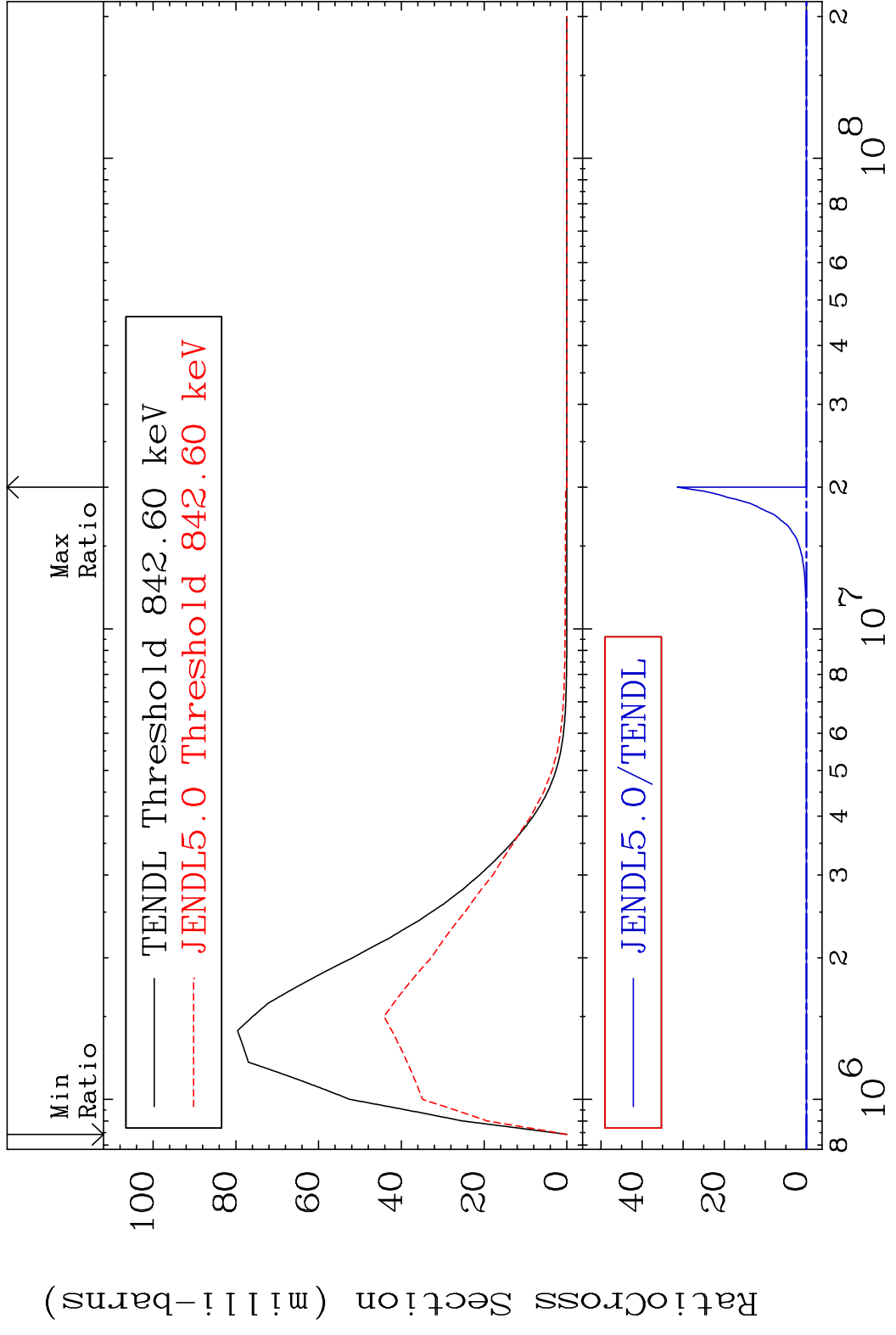
19 35-Br-79

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



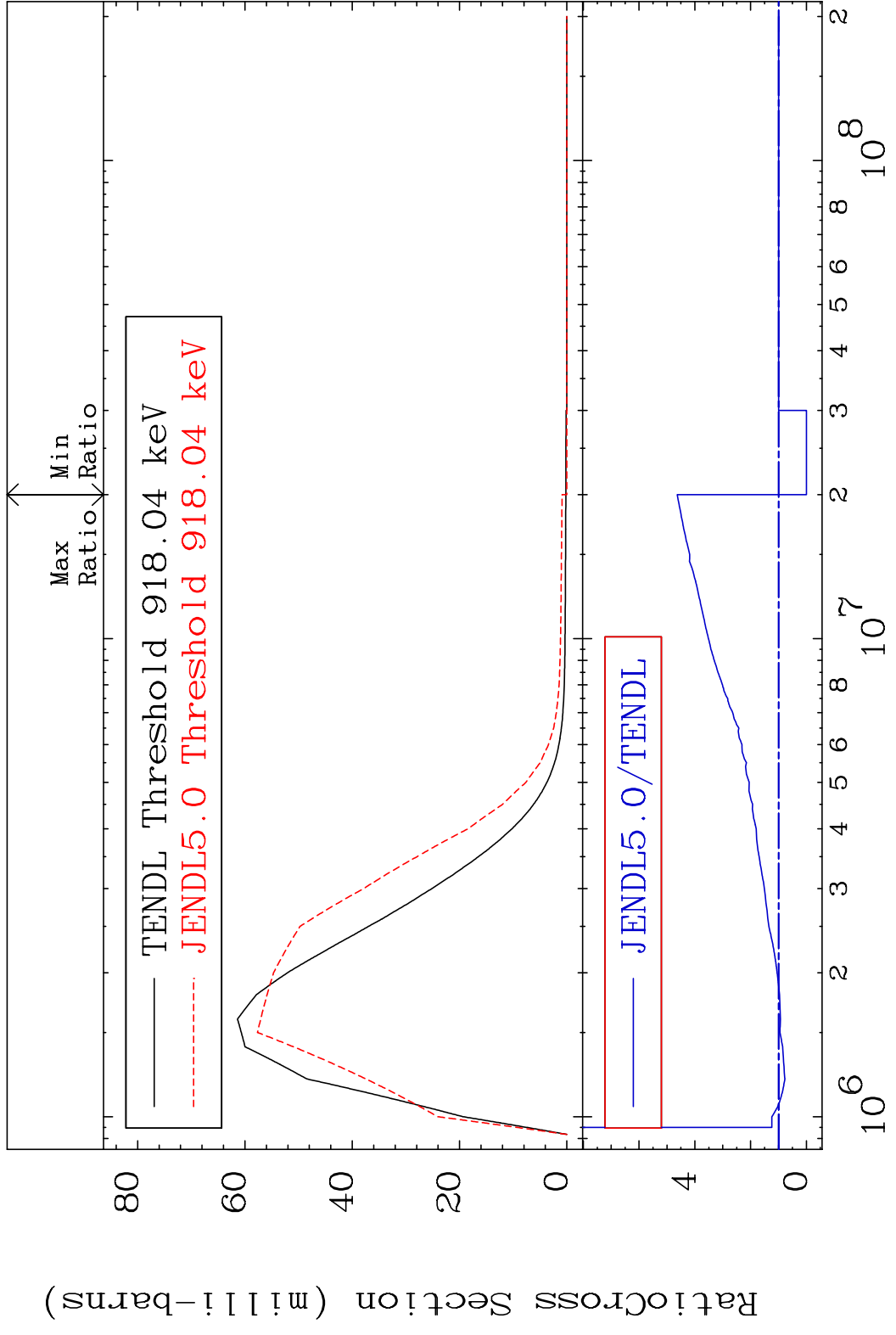
20 Incident Energy (eV) 35-Br-79

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

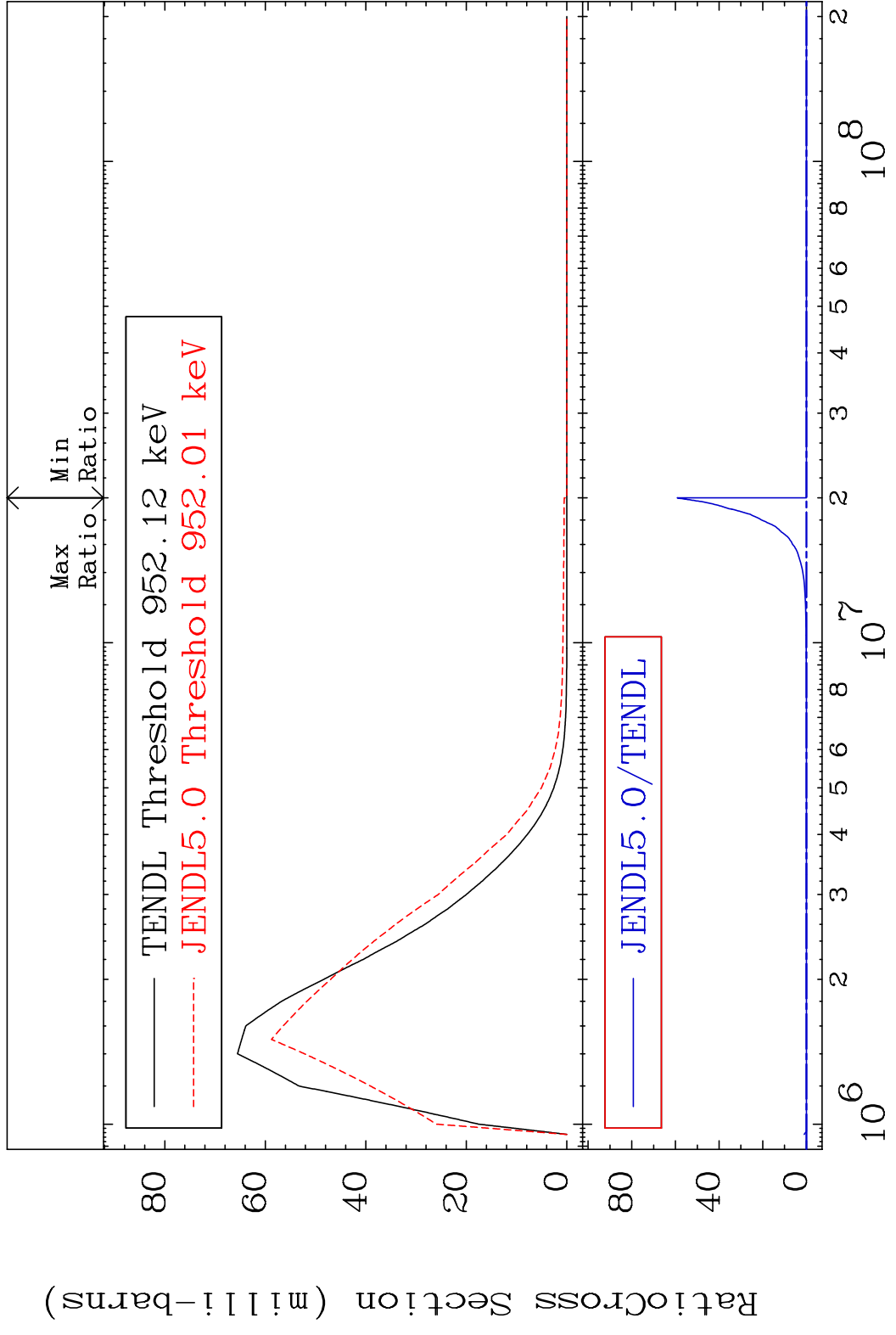


21 Incident Energy (eV) 35-Br-79

MAT 3525 MT= 63 (n, n') Level 35-Br-79
 Cross Section -100.0 To 363.3 %

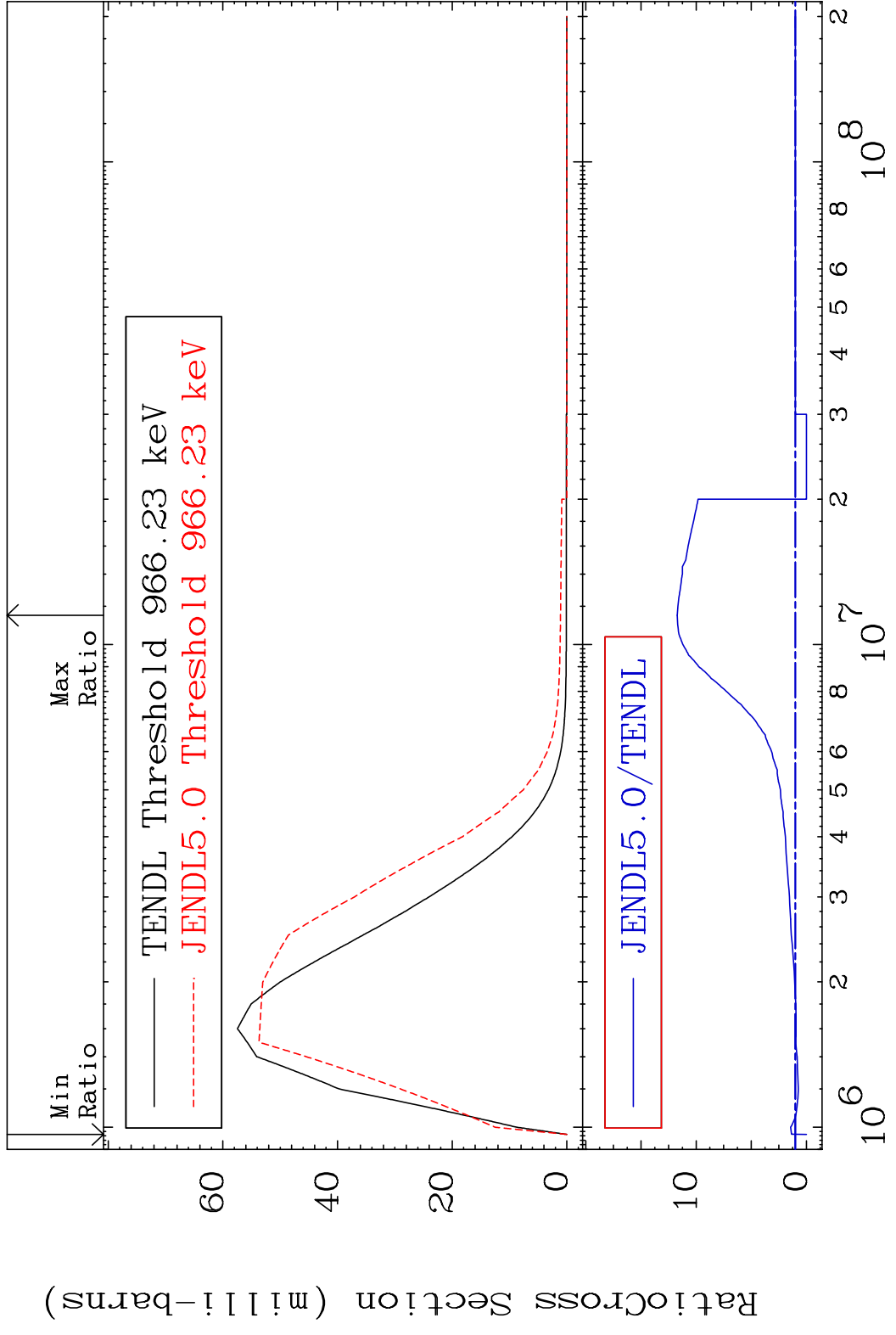


MAT 3525 MT= 64 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



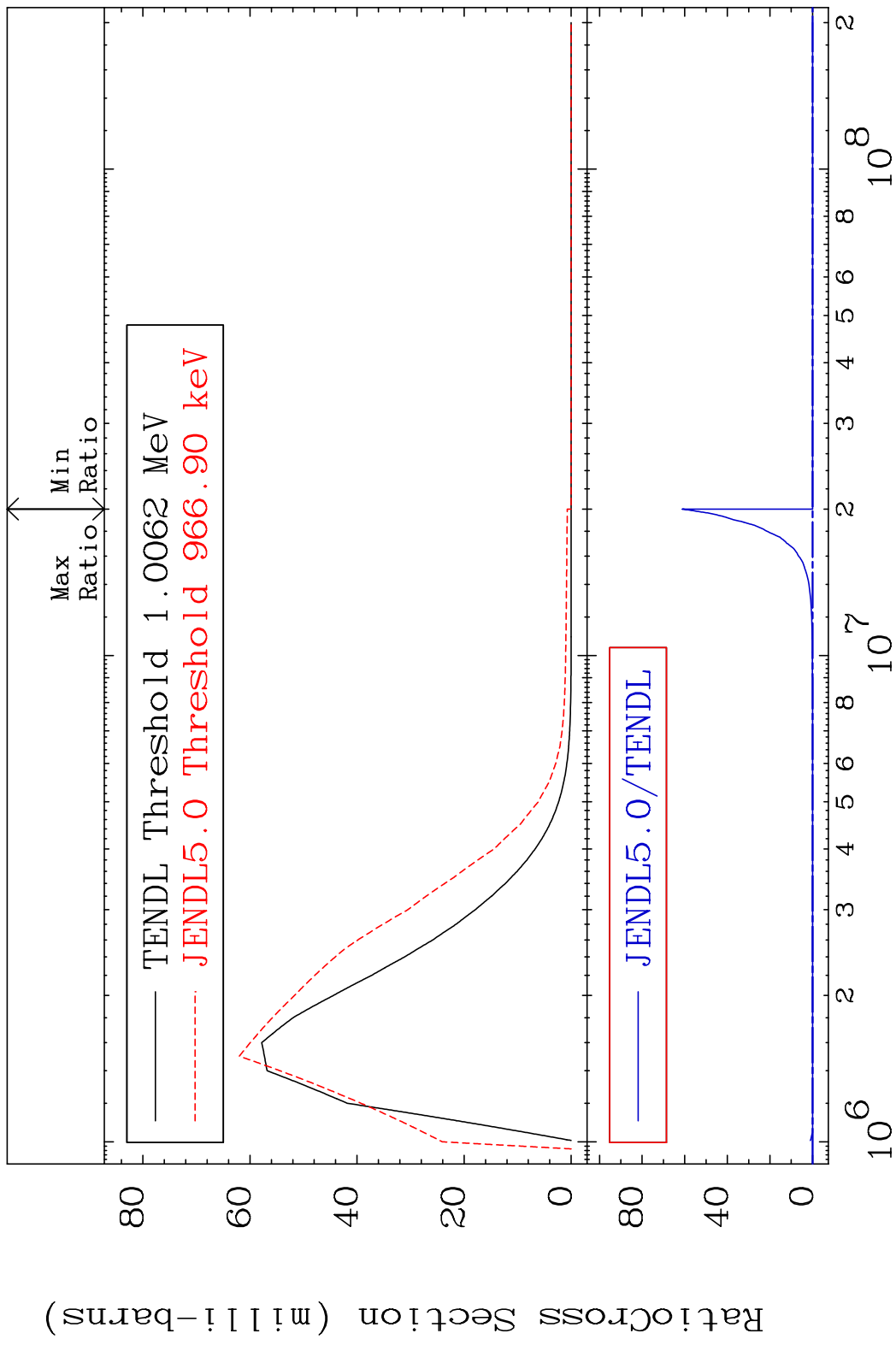
23 35-Br-79

MAT 3525 MT= 65 (n, n') Level 35-Br-79
 Cross Section -100.0 To 1072. %



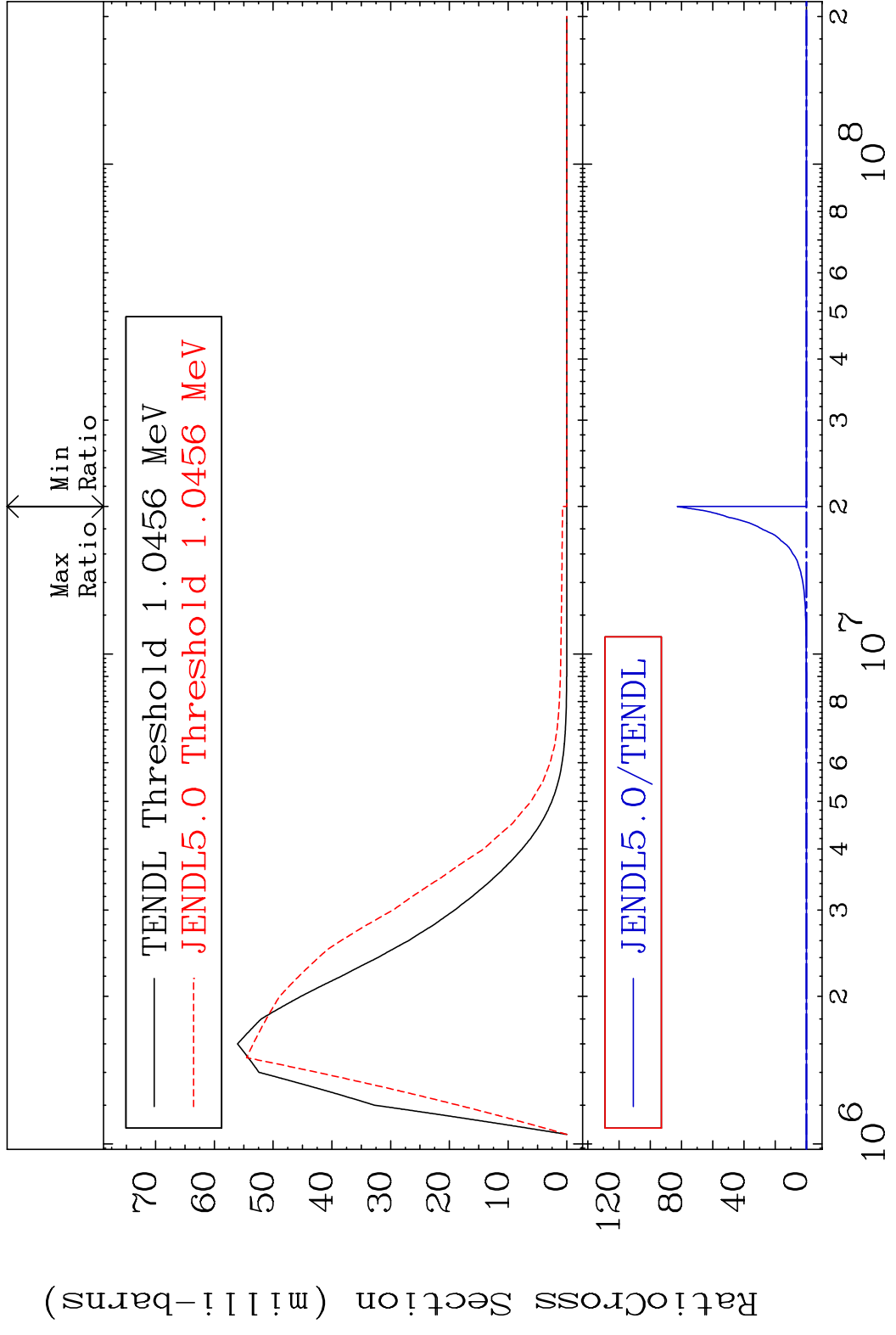
24 35-Br-79

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



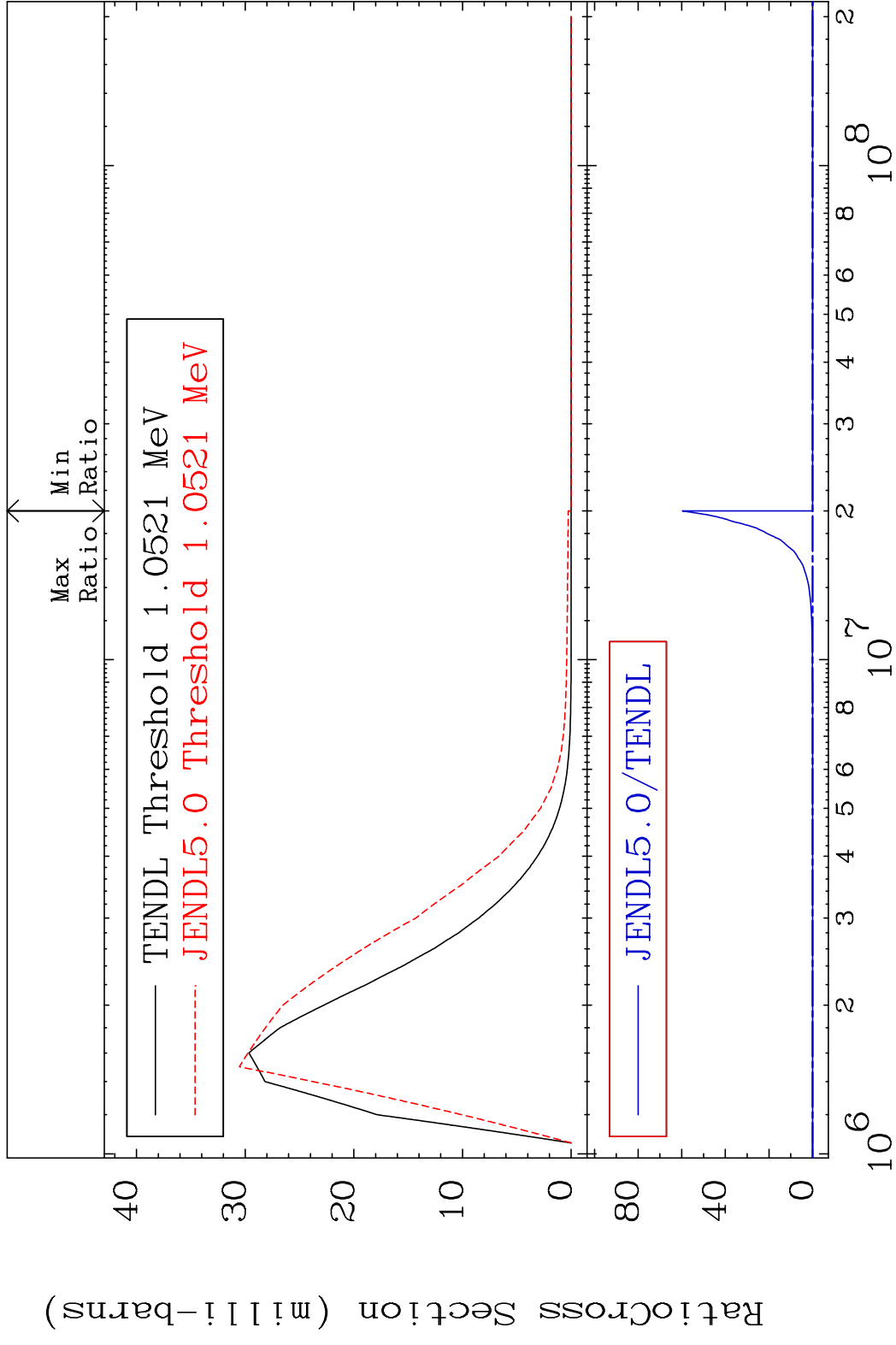
25 Incident Energy (eV) 35-Br-79

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



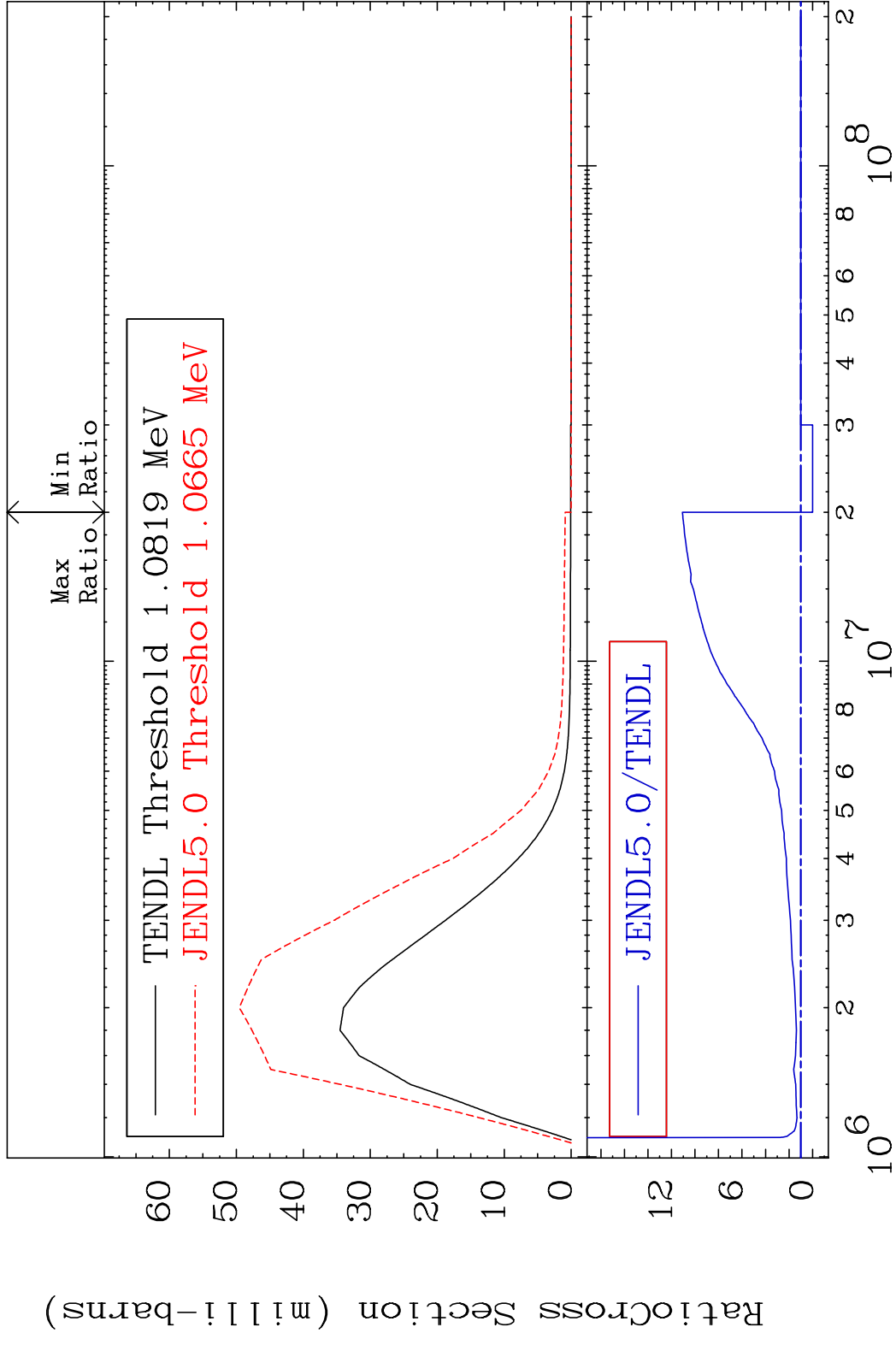
26 Incident Energy (eV) 35-Br-79

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



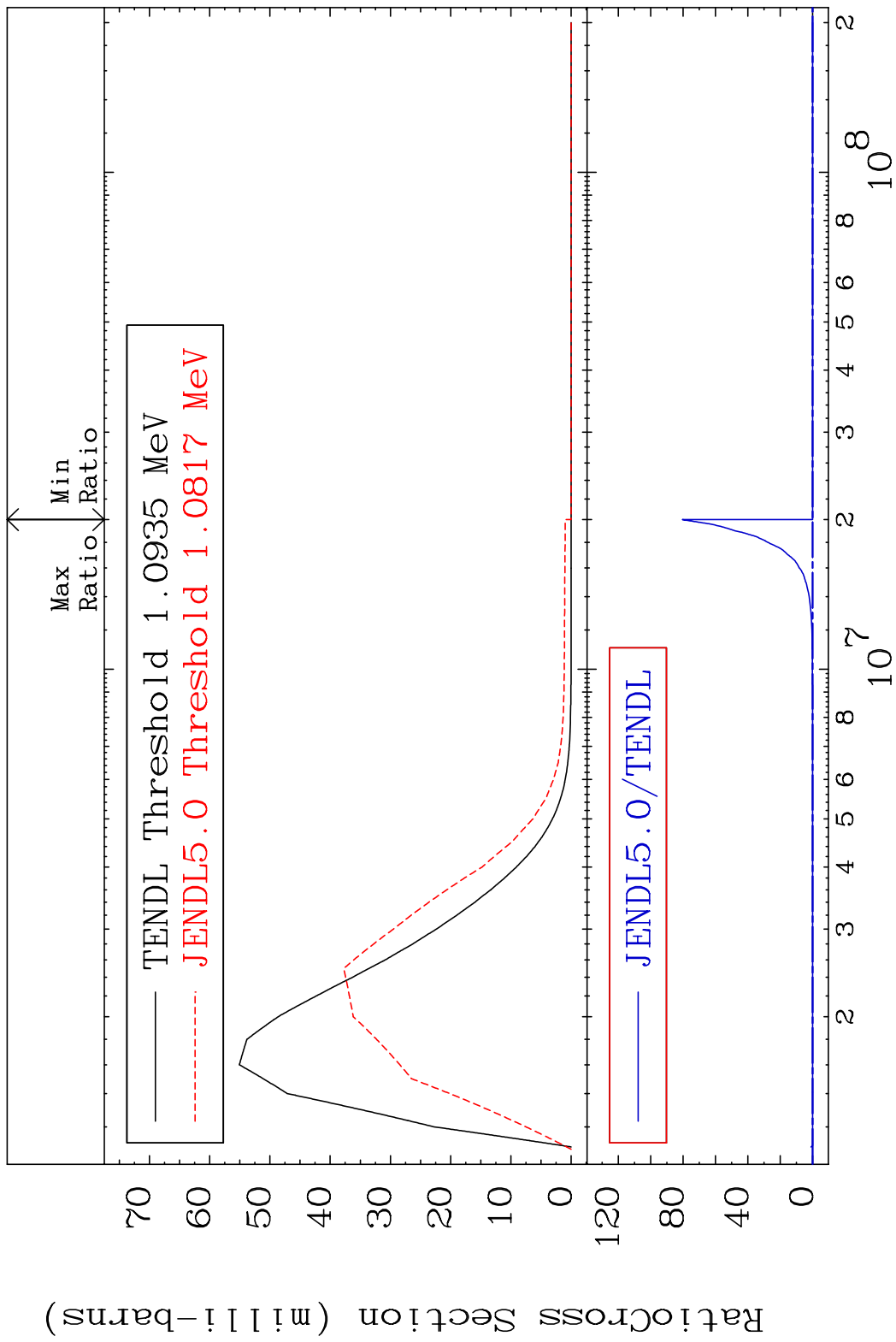
27 35-Br-79

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

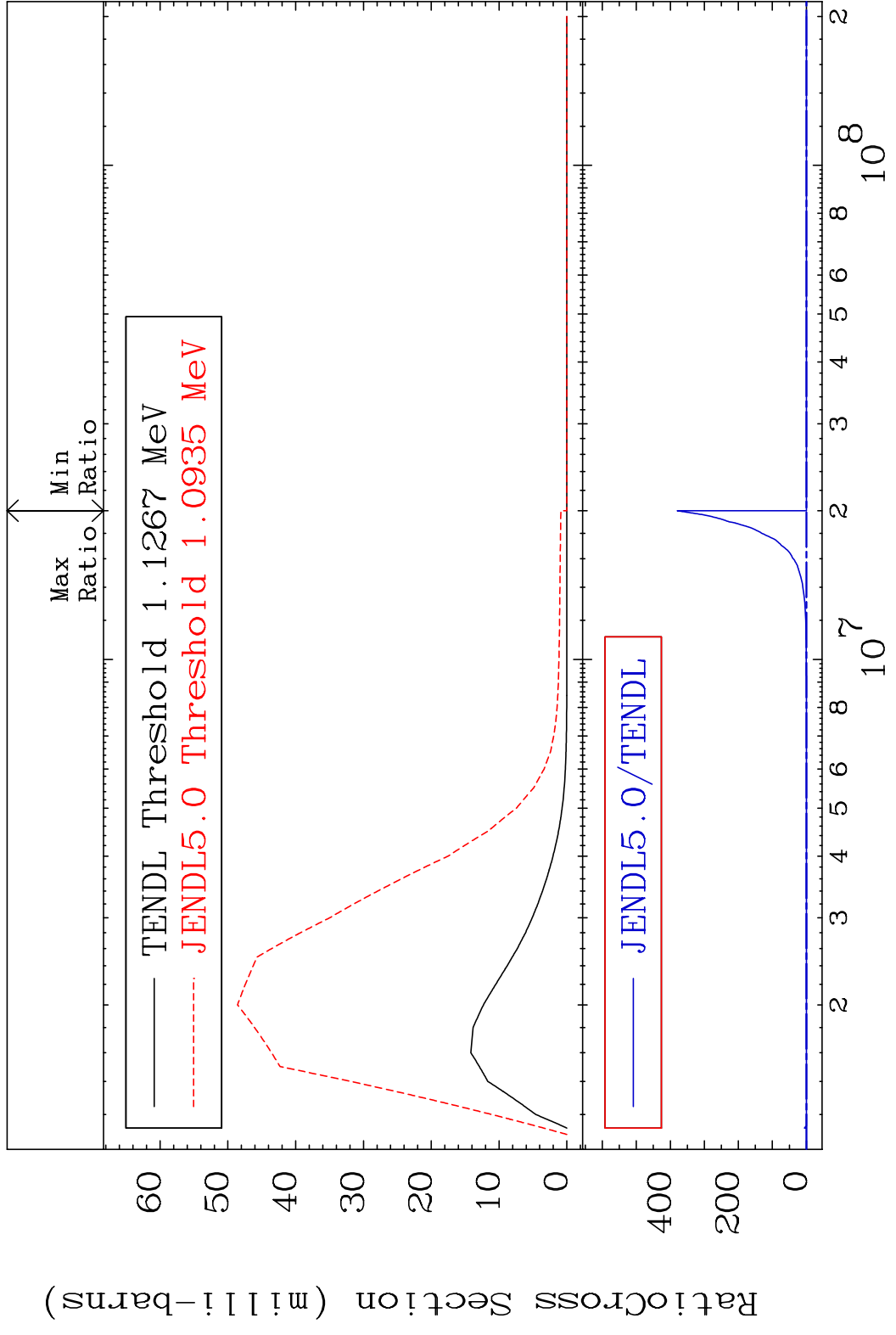


28 Incident Energy (eV) 35-Br-79

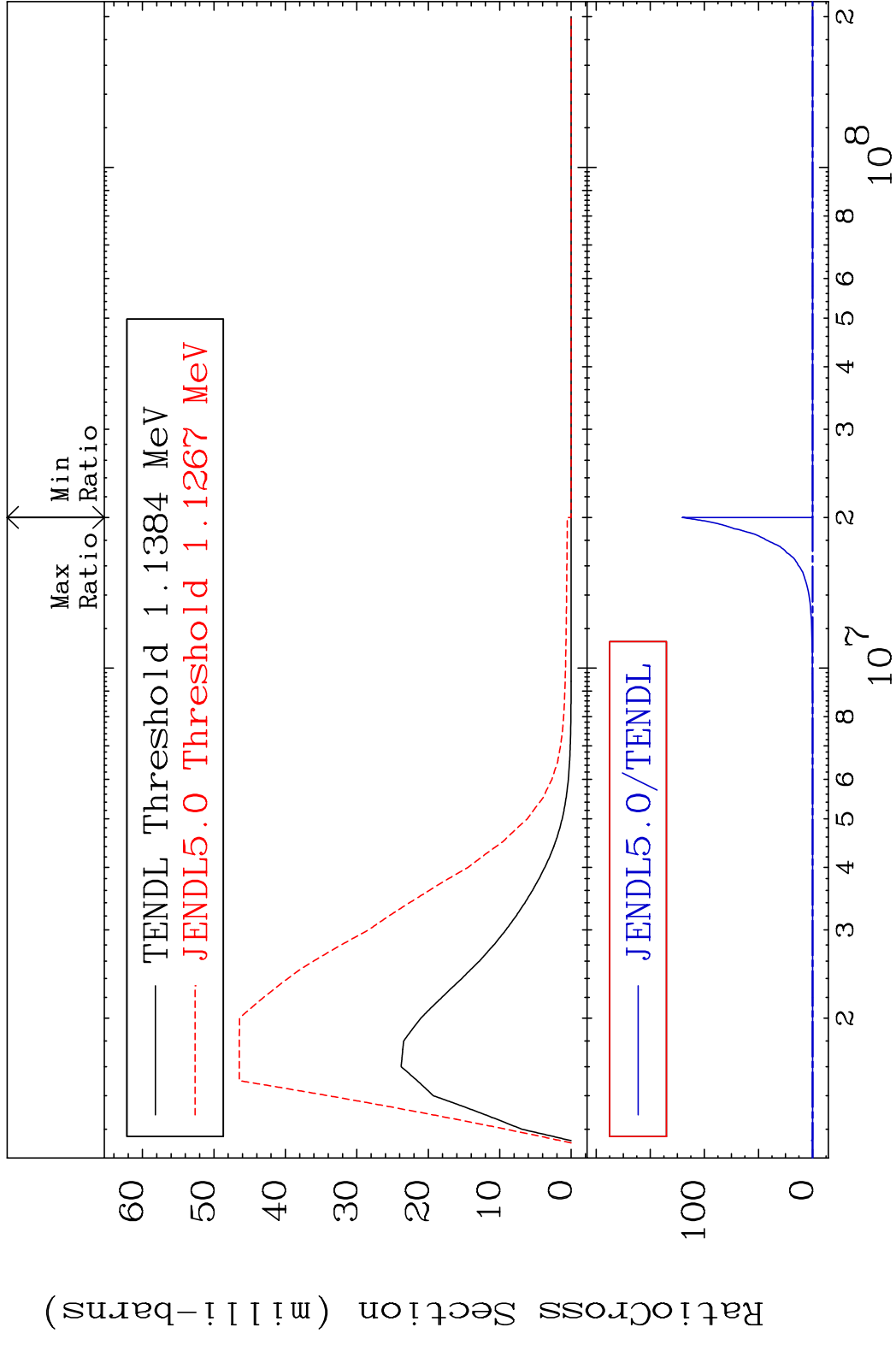
MAT 3525 MT= 70 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



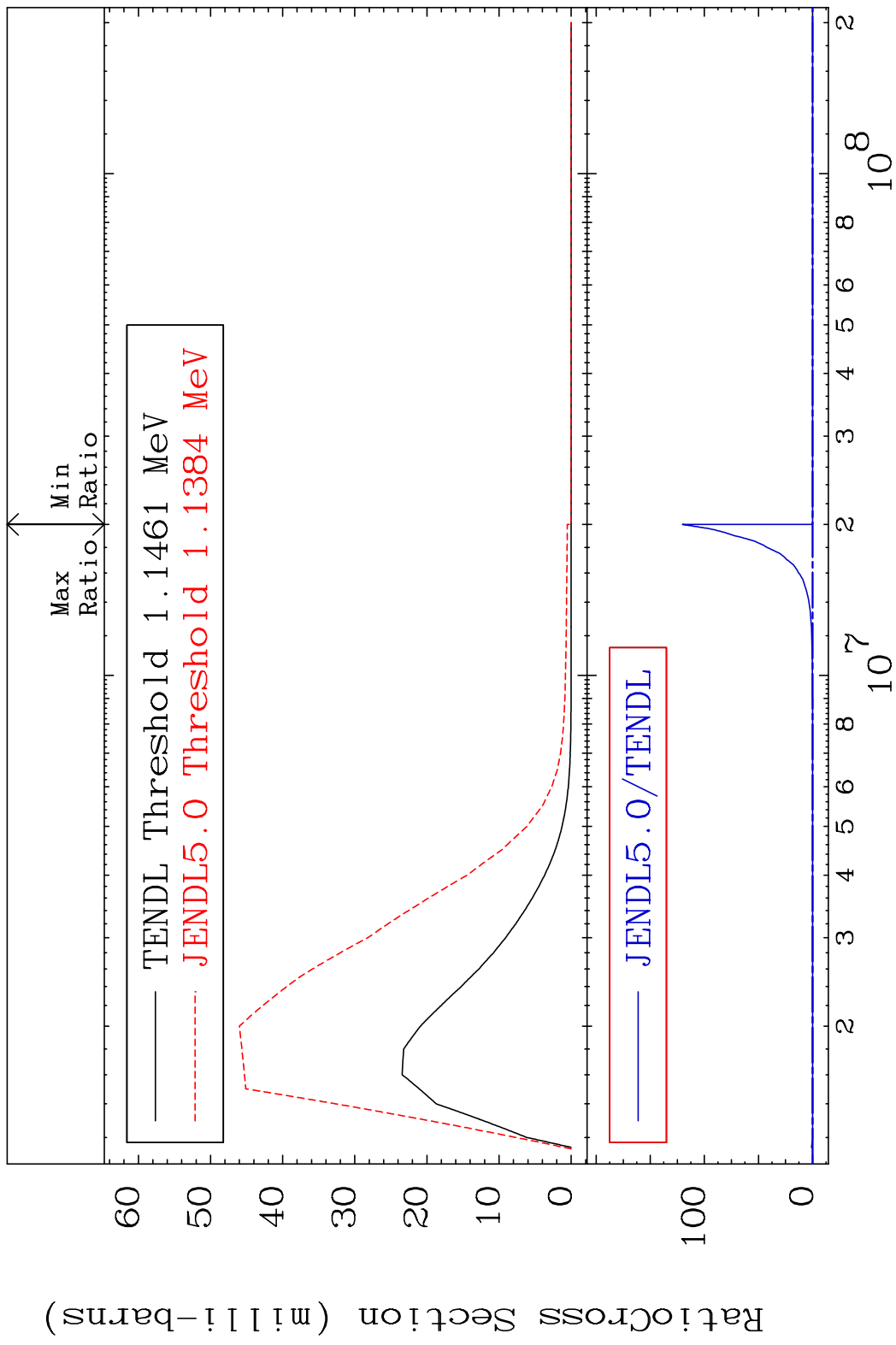
MAT 3525 MT= 71 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



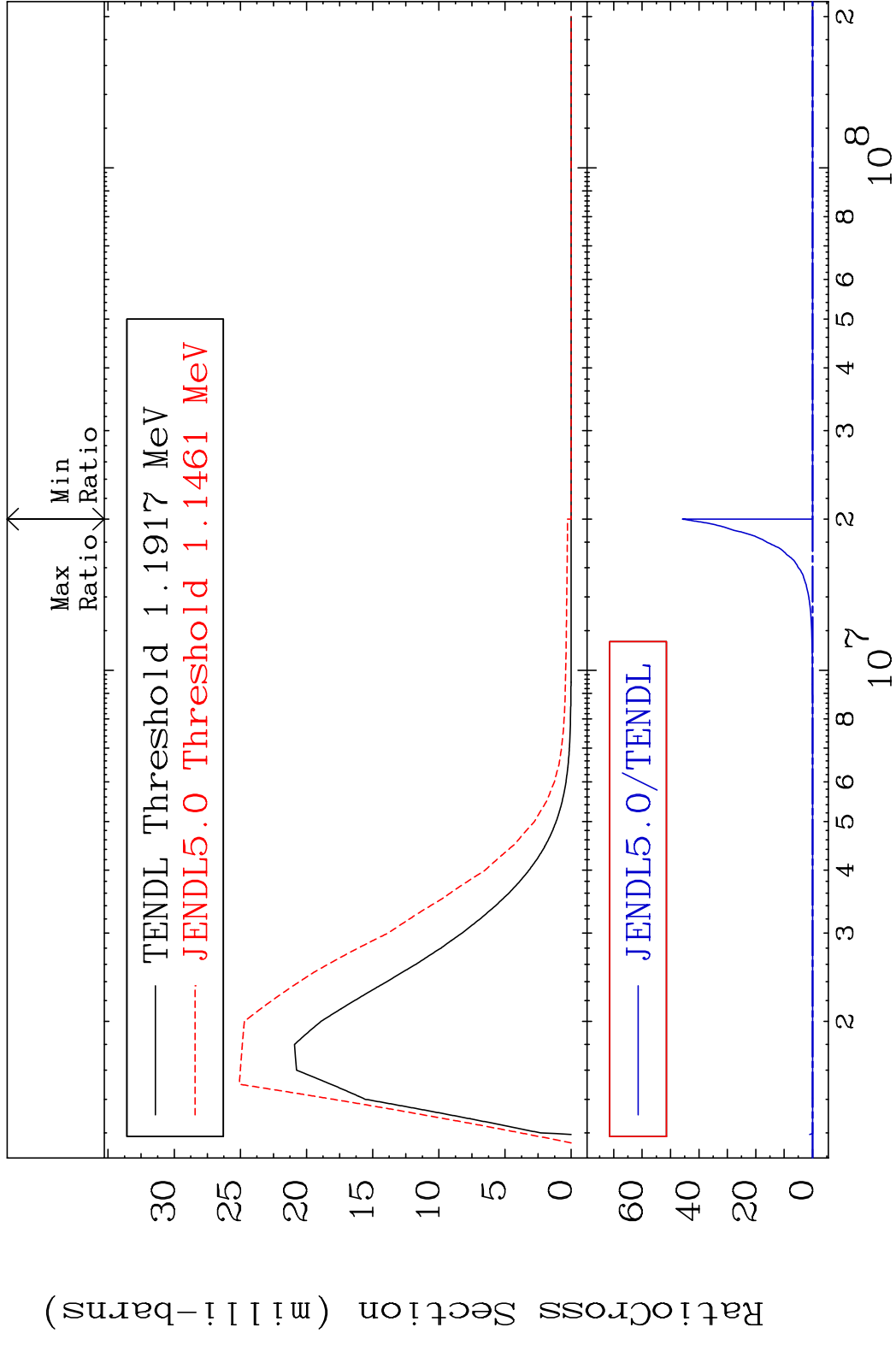
MAT 3525 MT= 72 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



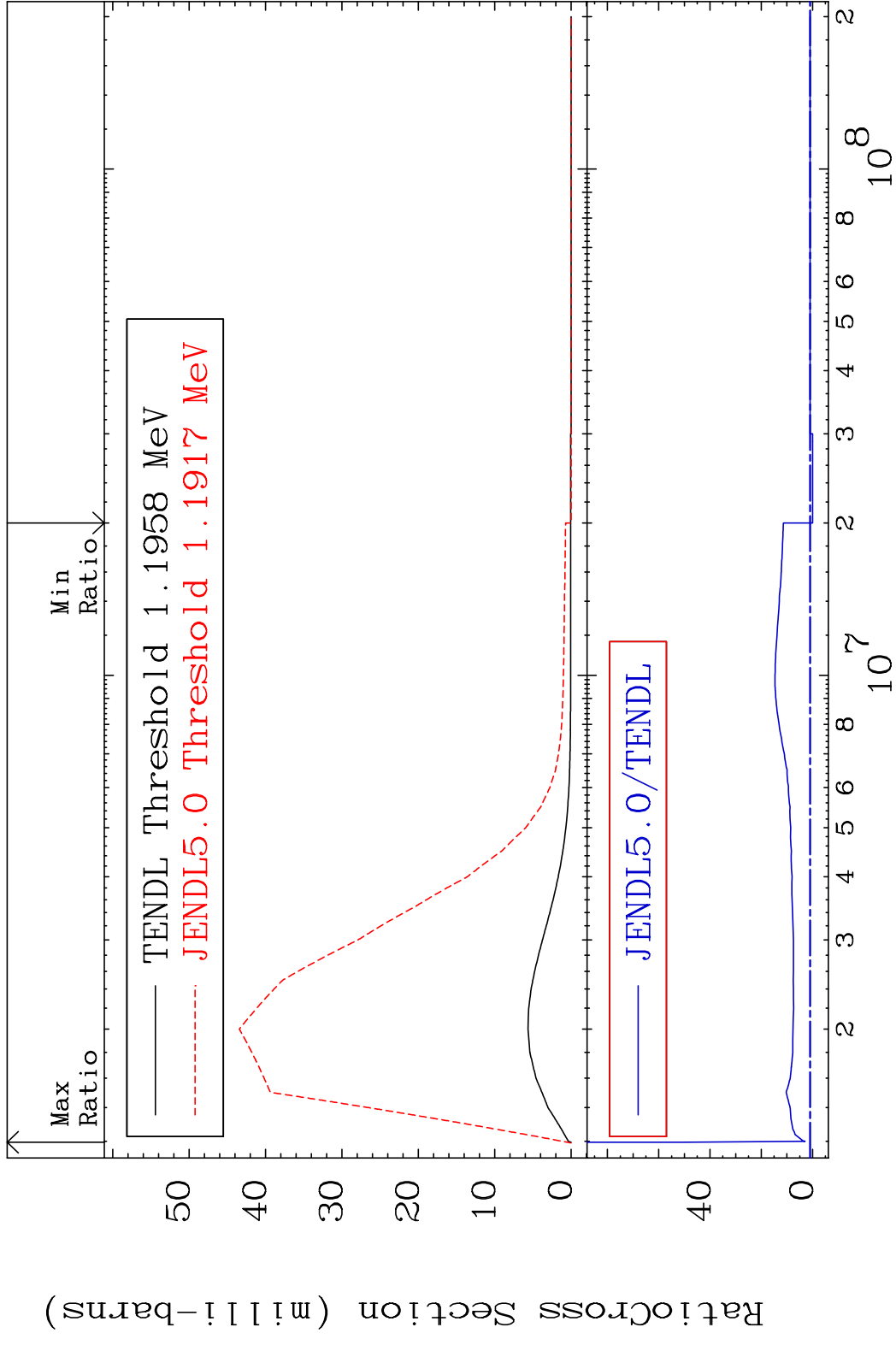
MAT 3525 MT= 73 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



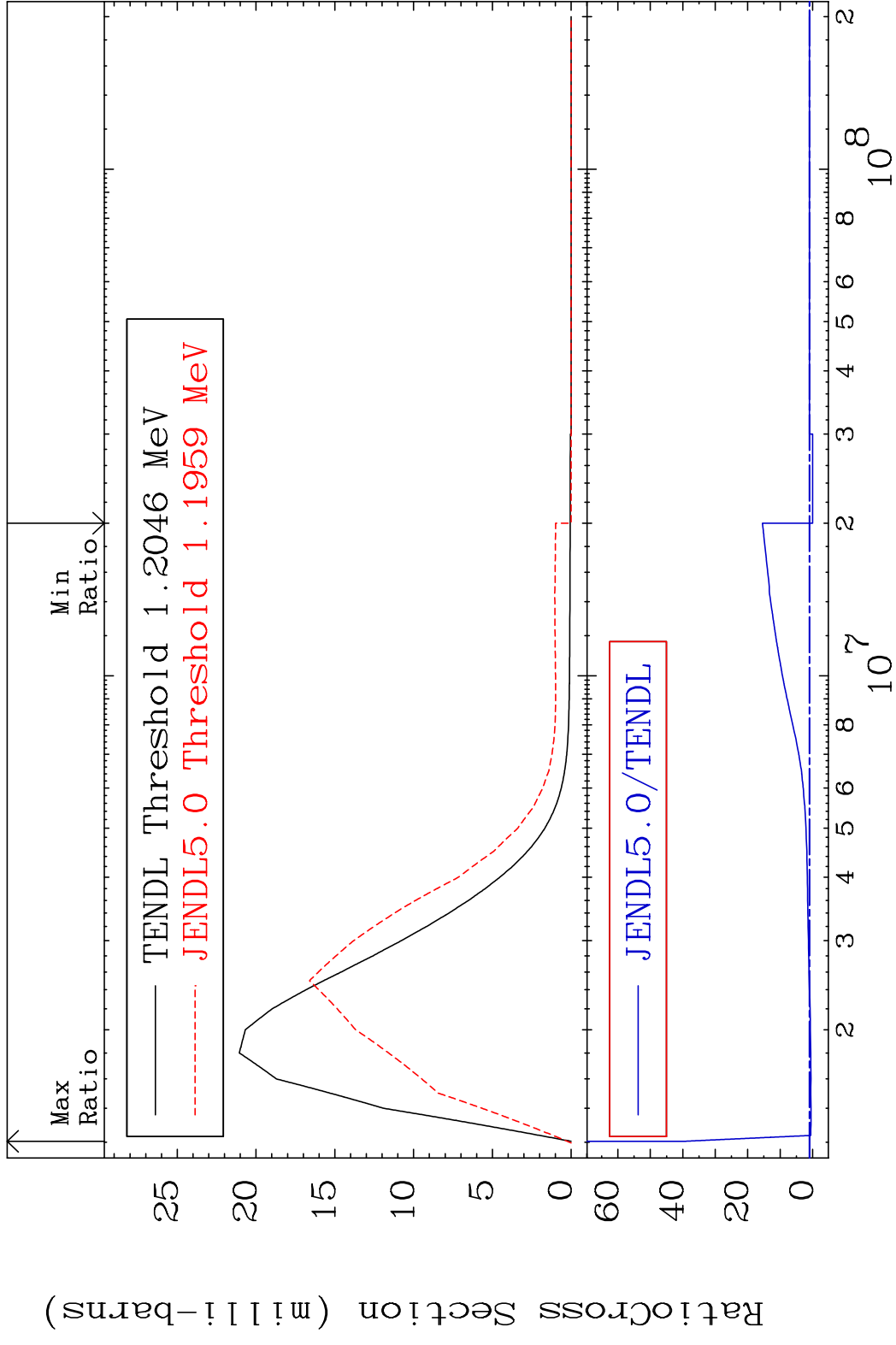
MAT 3525 MT= 74 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



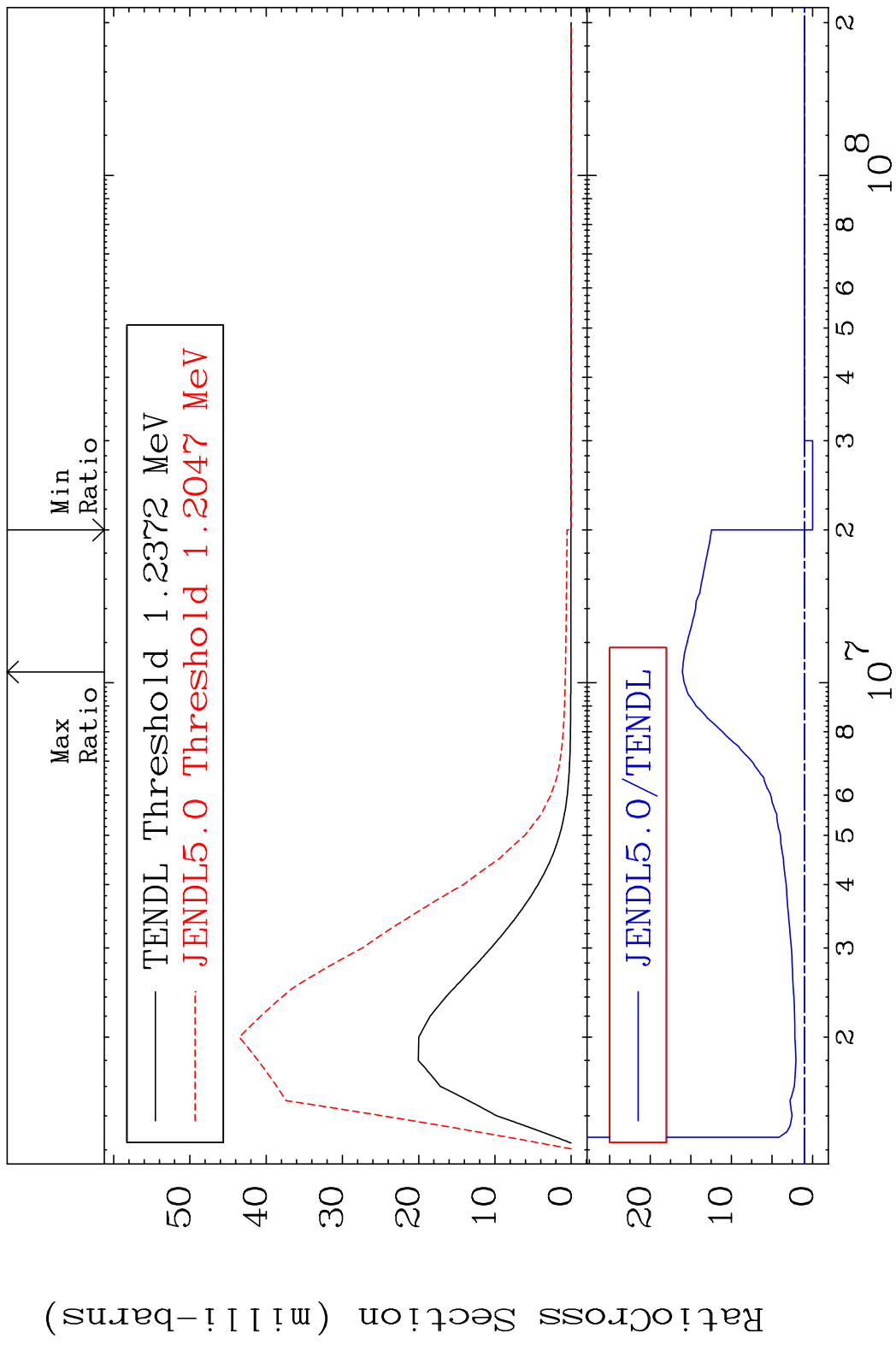
MAT 3525 MT= 75 (n, n') Level 35-Br-79
 Cross Section -100.0 To 4979. %



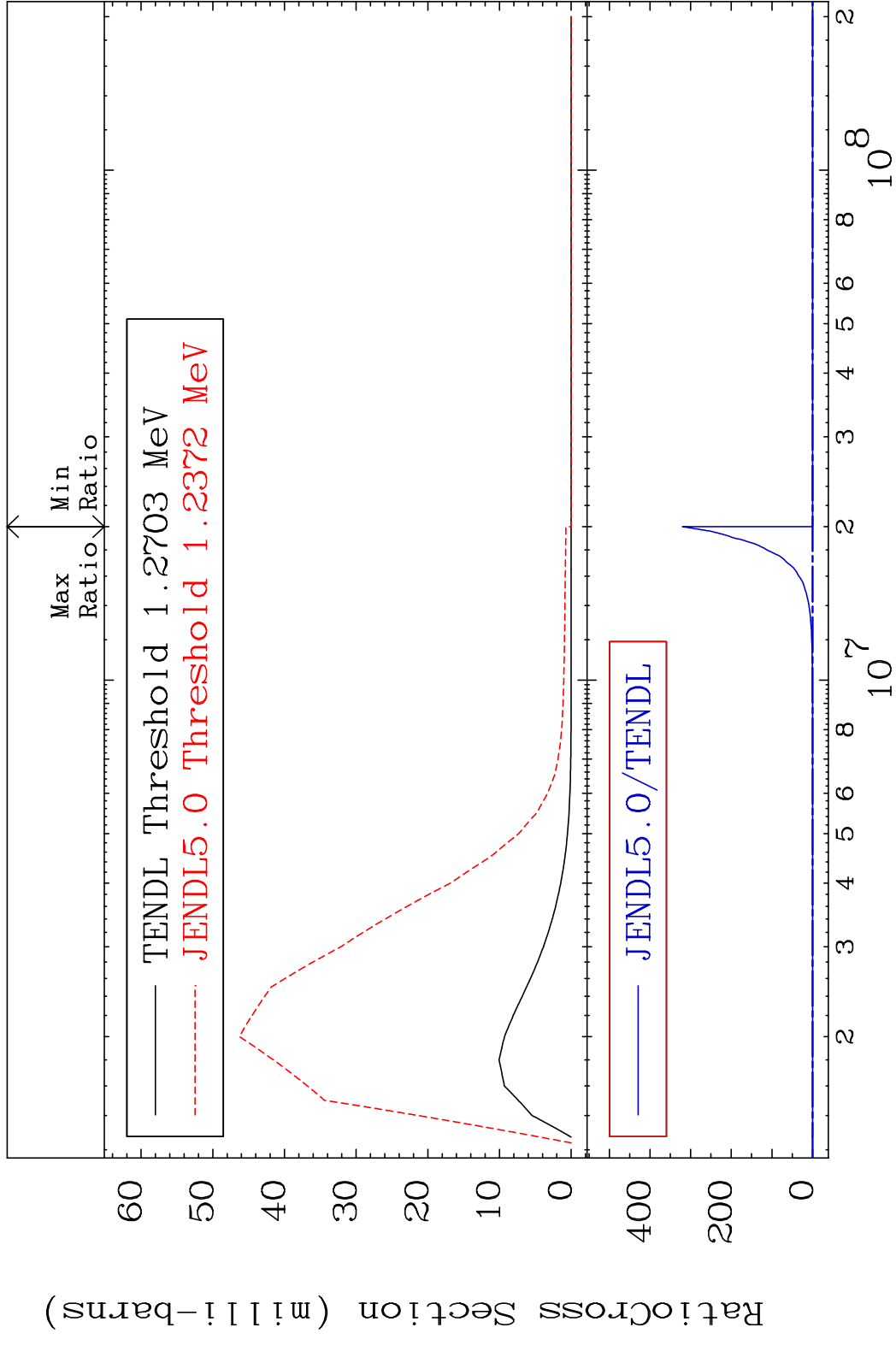
MAT 3525 MT= 76 (n, n') Level 35-Br-79
 Cross Section -100.0 To 3913. %



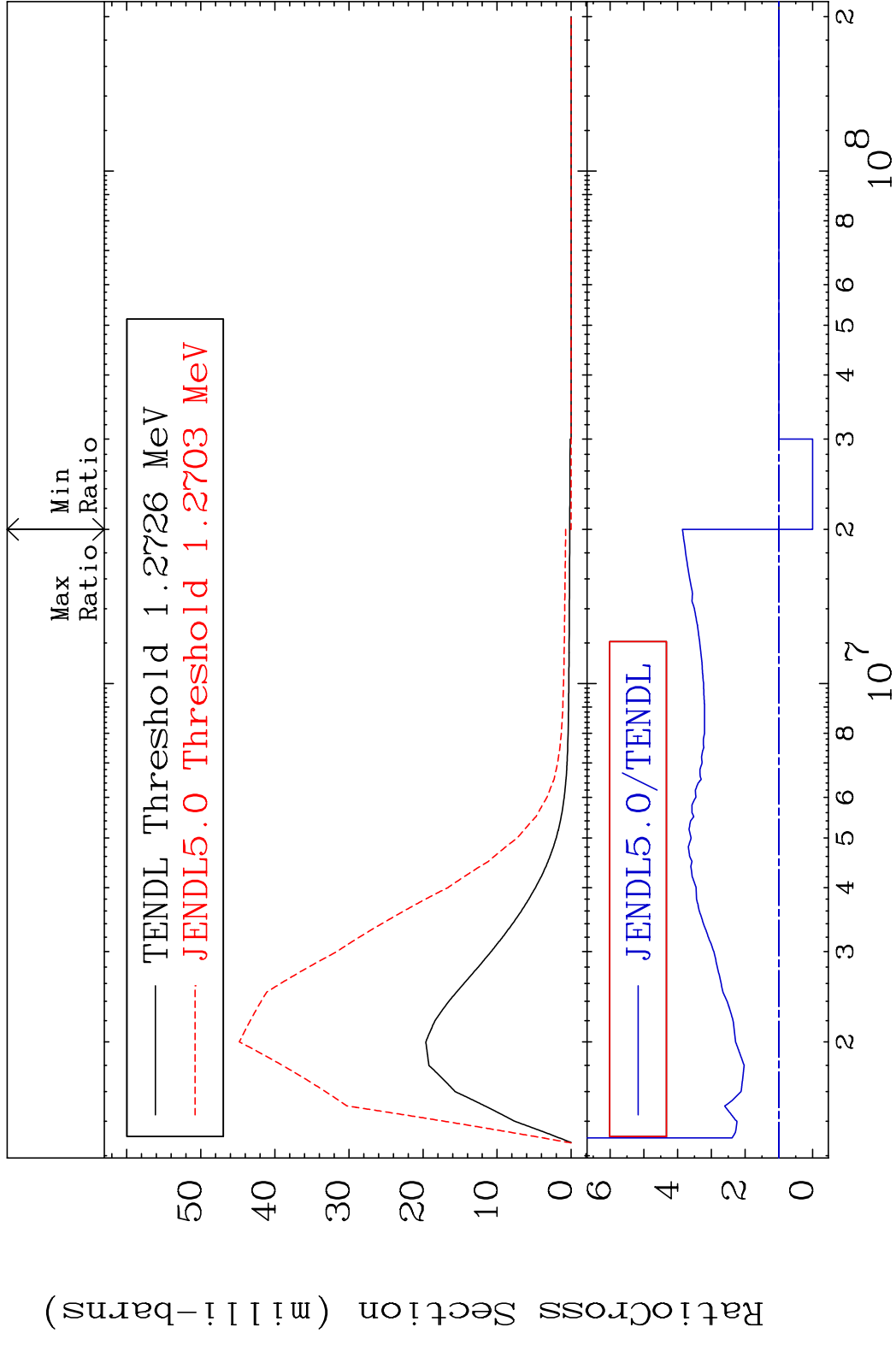
MAT 3525 MT= 77 (n, n') Level 35-Br-79
 Cross Section -100.0 To 1504. %



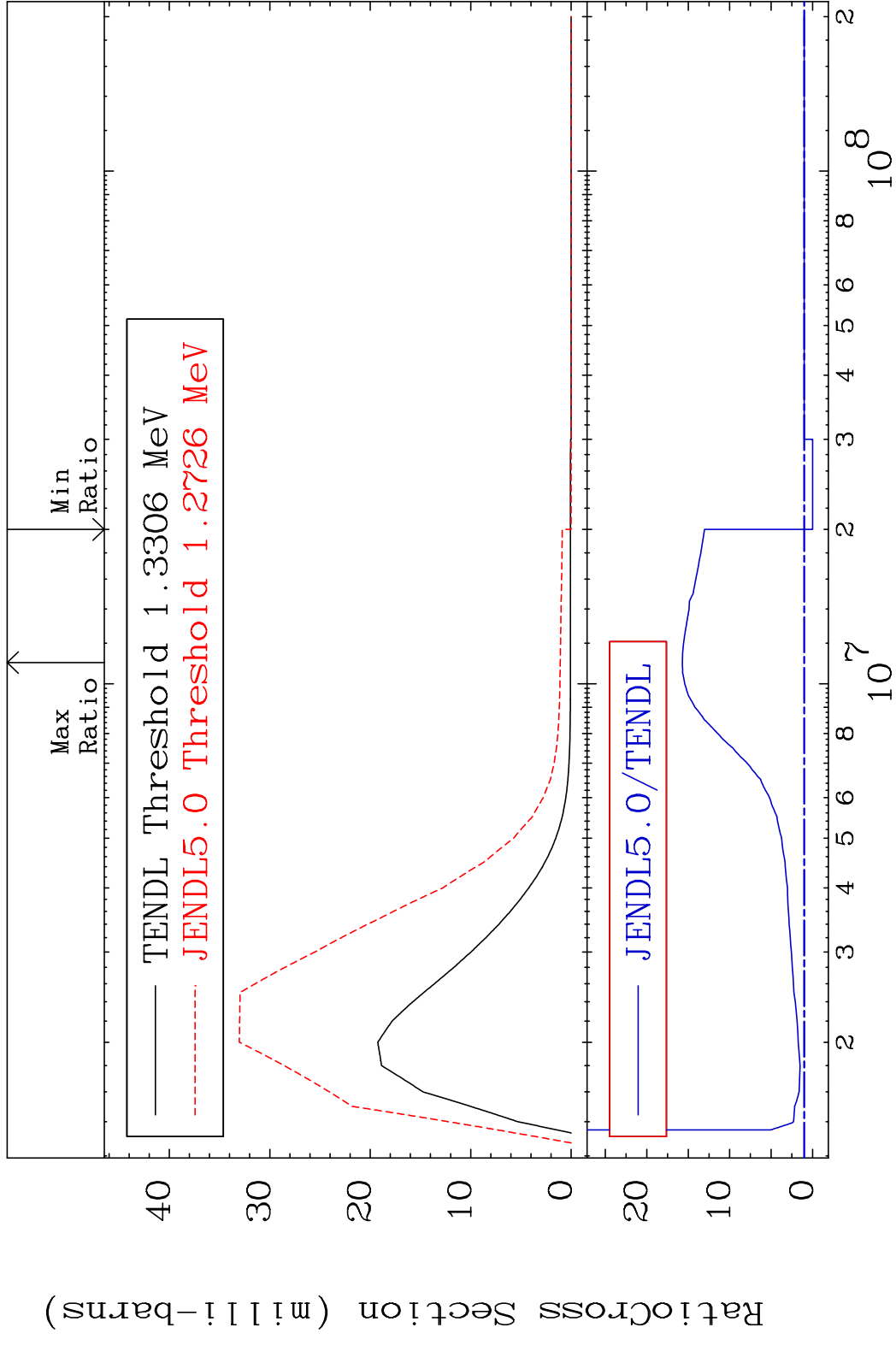
MAT 3525 MT= 78 (n, n') Level 35-Br-79
 Cross Section -100.0 To 9999. %



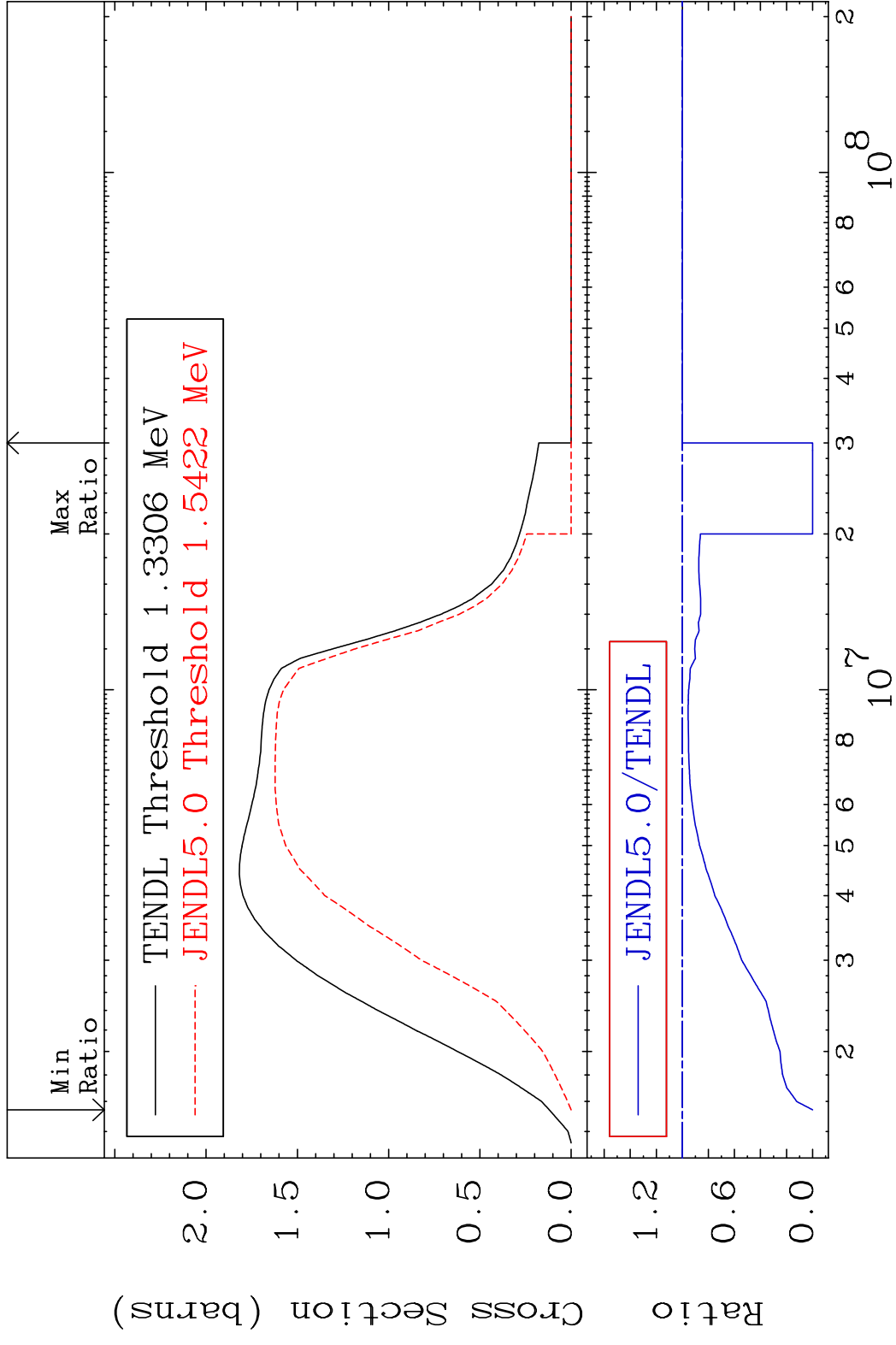
MAT 3525 MT= 79 (n, n') Level 35-Br-79
 Cross Section -100.0 To 285.9 %



MAT 3525 MT= 80 (n, n') Level 35-Br-79
 Cross Section -100.0 To 1471. %



MAT 3525 (n, n') Continuum 35-Br-79
 Cross Section -100.0 To 0.000 %



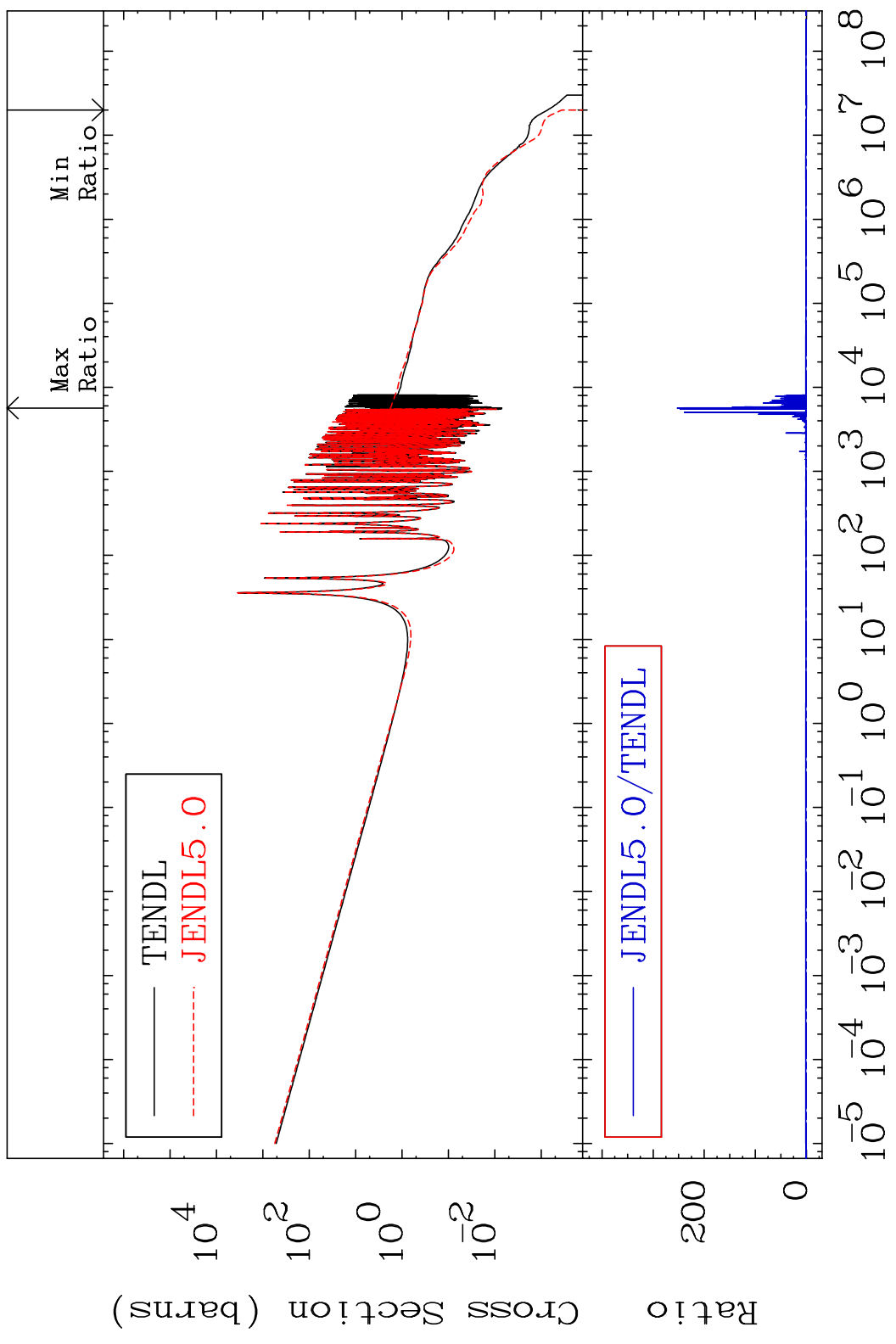
40 Incident Energy (eV) 35-Br-79

MAT 3525

(n, γ)

35-Br-79

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

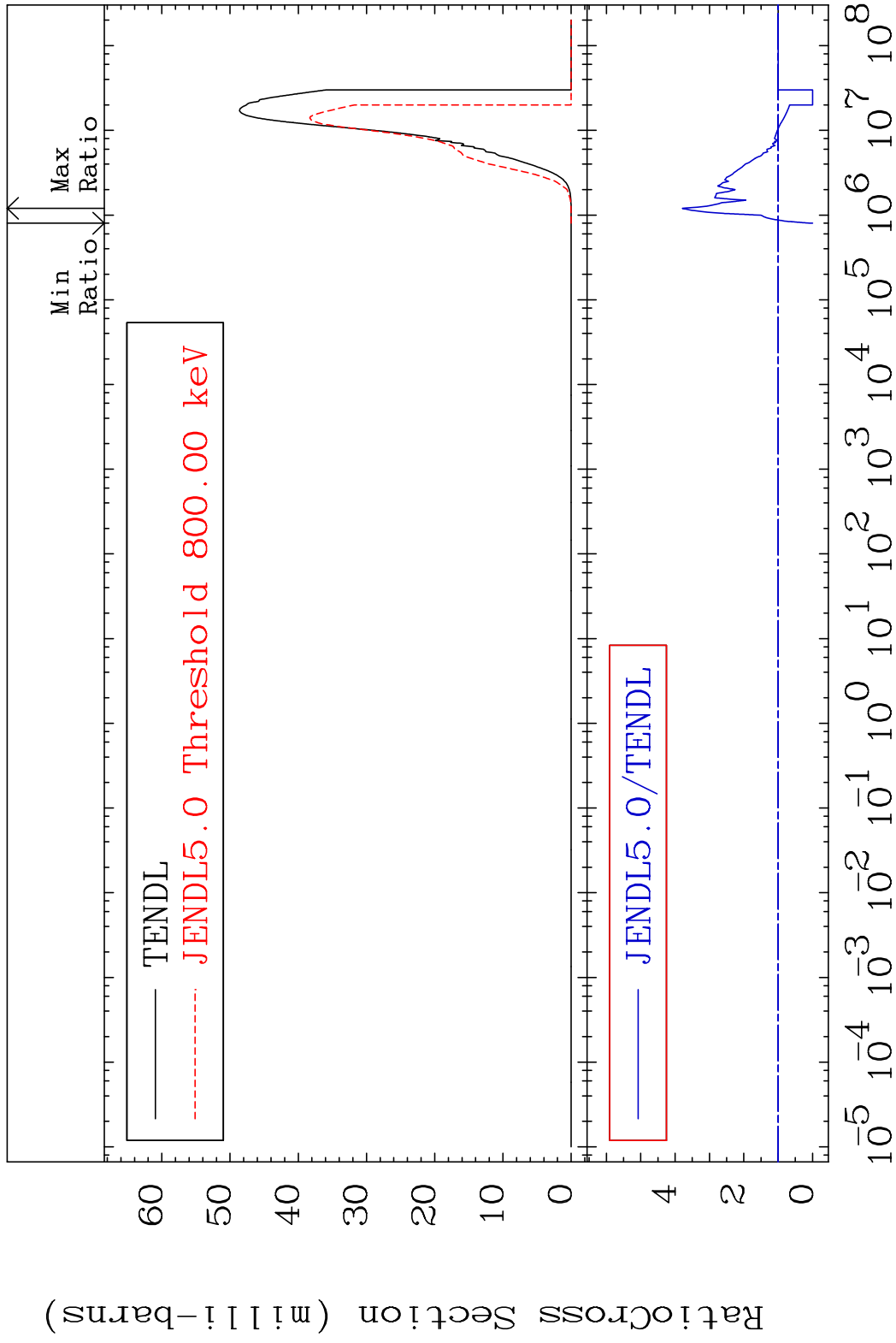
35-Br-79

MAT 3525

(n, p)

35-Br-79

Cross Section -100.0 To 278.9 %

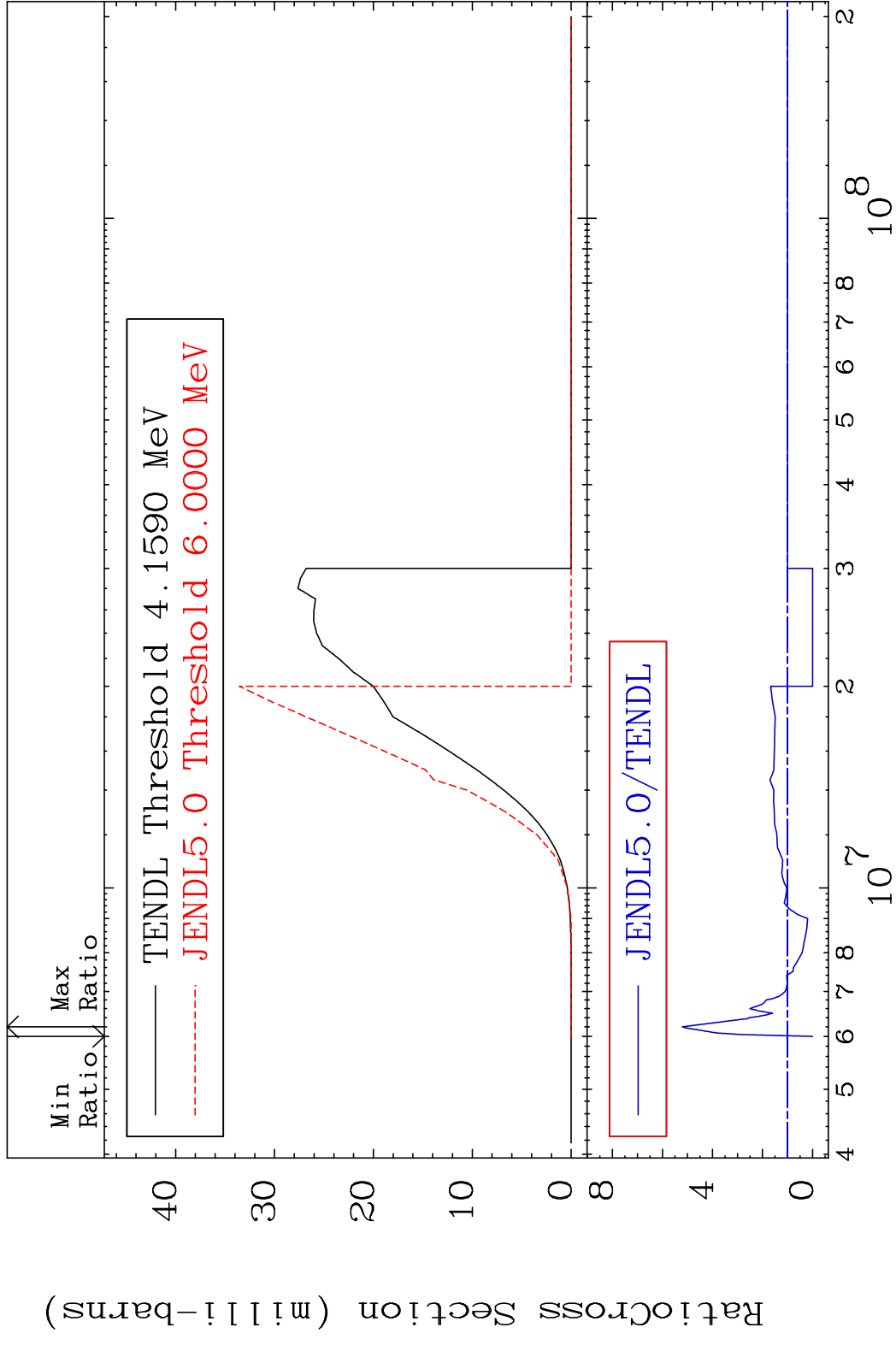


42

Incident Energy (eV)

35-Br-79

MAT 3525 (n,d) 35-Br-79
 Cross Section -100.0 To 420.5 %



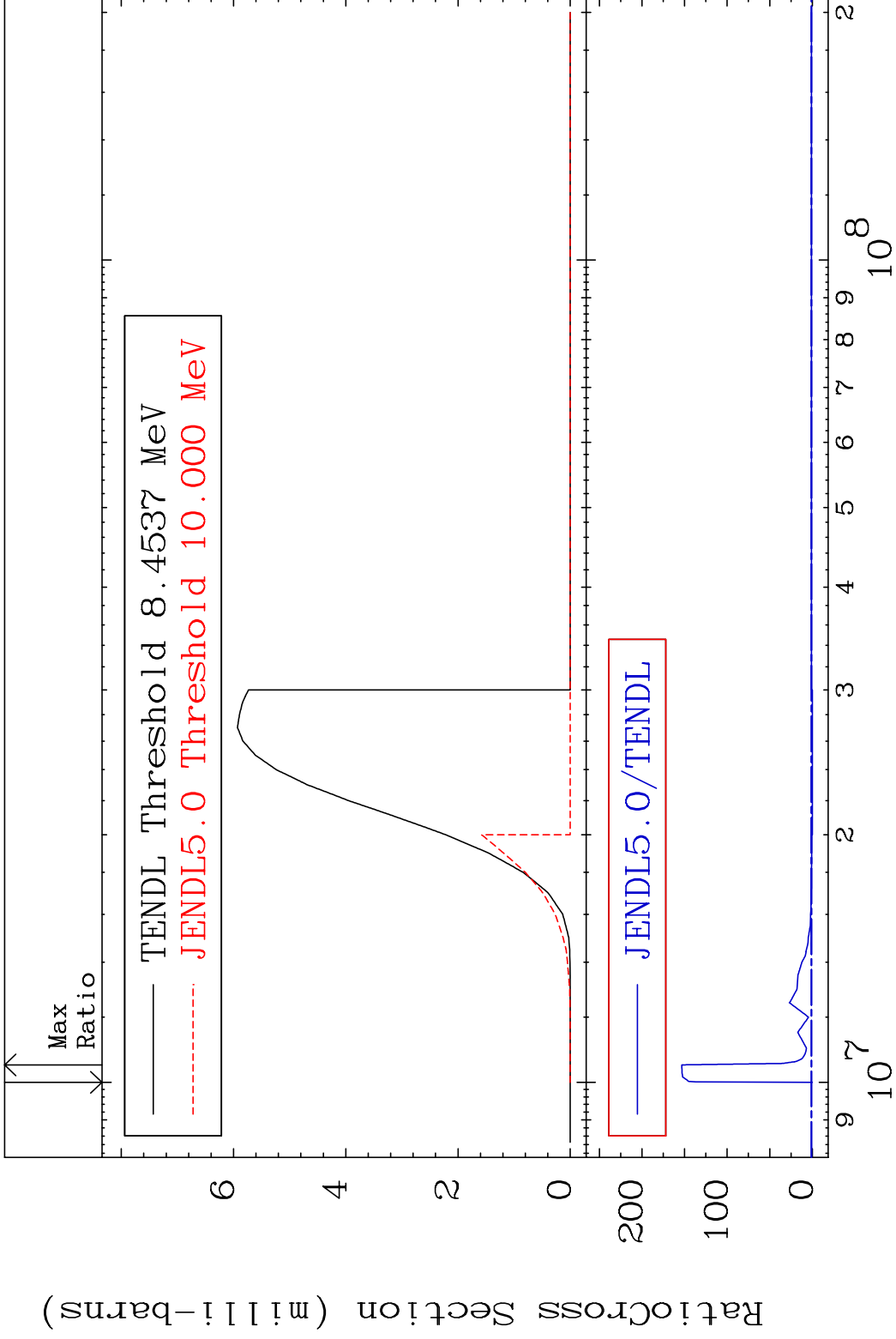
43 Incident Energy (eV) 35-Br-79

MAT 3525

(n, t)

35-Br-79

Cross Section -100.0 To 9999. %

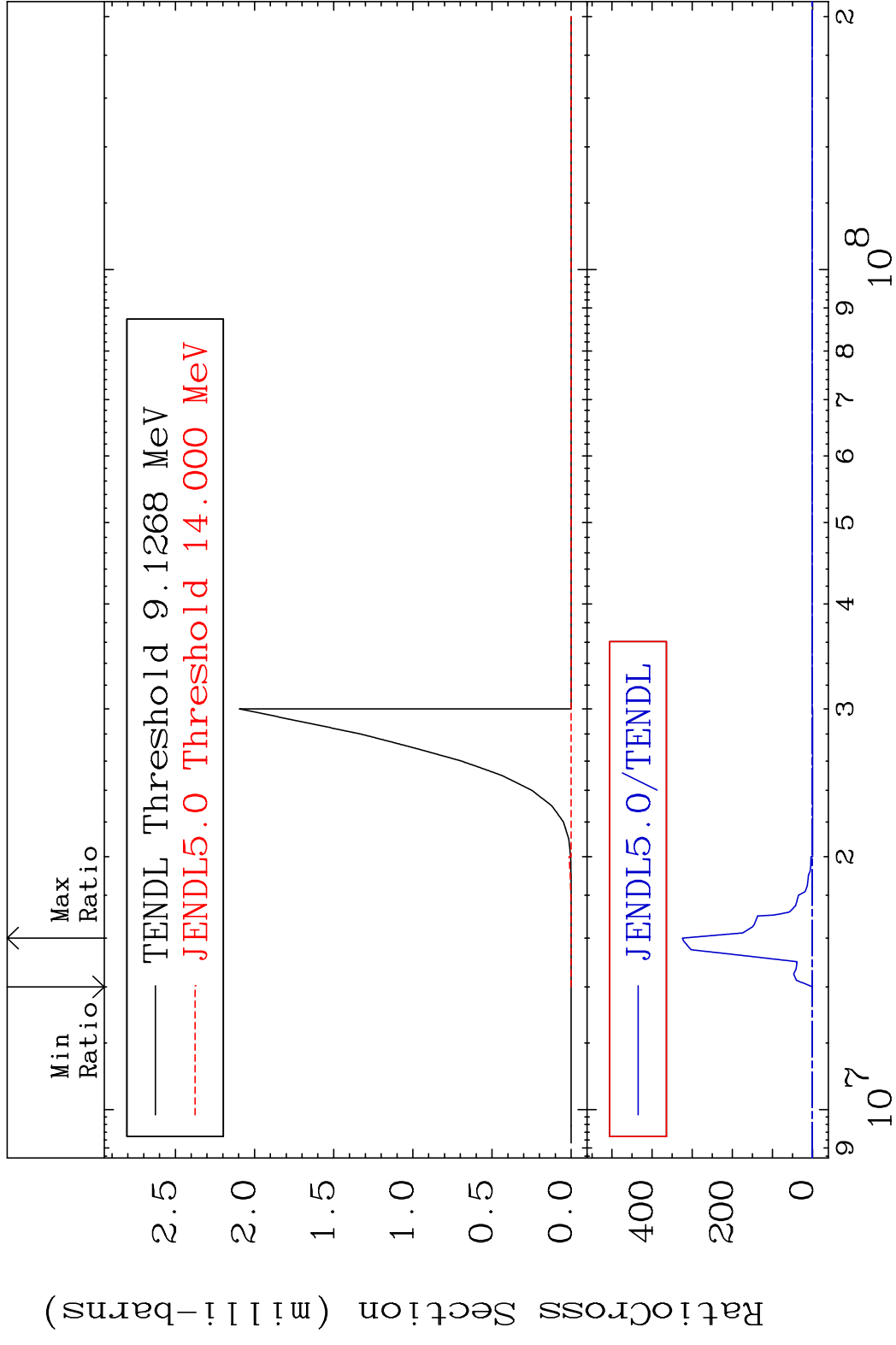


44

Incident Energy (eV)

35-Br-79

MAT 3525 (n, He-3) 35-Br-79
 Cross Section -100.0 To 9999. %



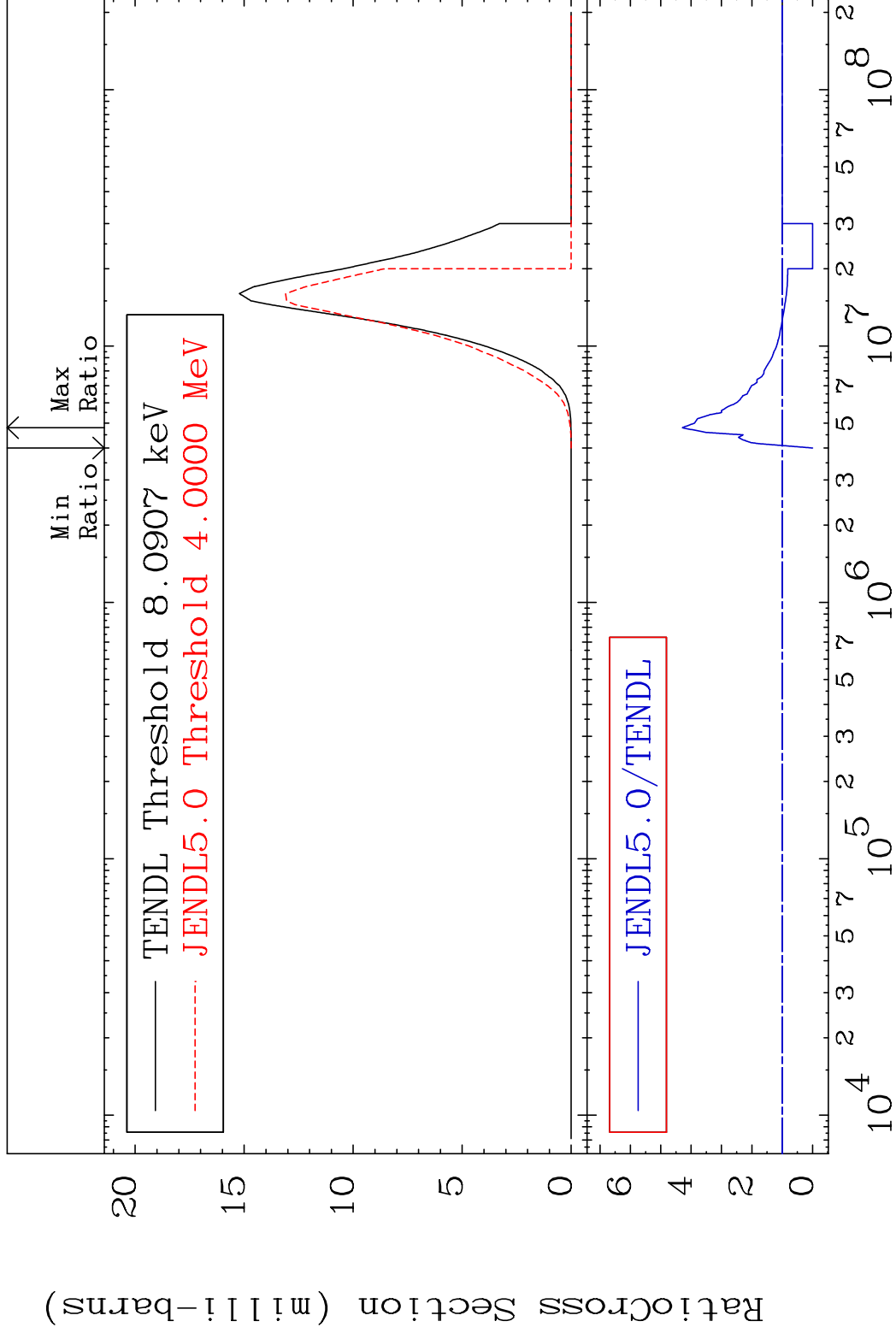
45 Incident Energy (eV) 35-Br-79

MAT 3525

(n, α)

35-Br-79

Cross Section -100.0 To 328.8 %



46

Incident Energy (eV)

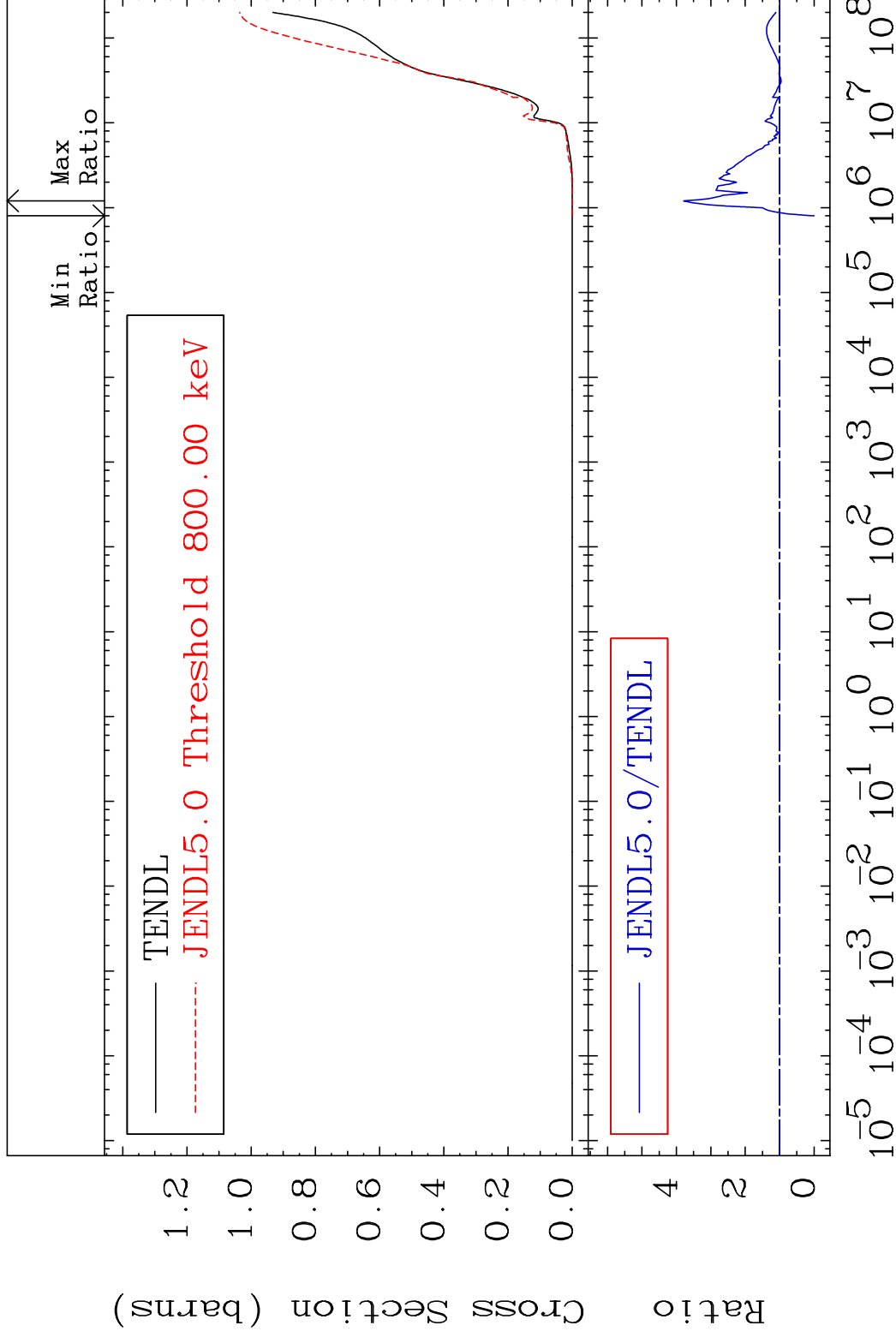
35-Br-79

MAT 3525

Hydrogen Production

³⁵Br-79

Cross Section -100.0 To 278.9 %

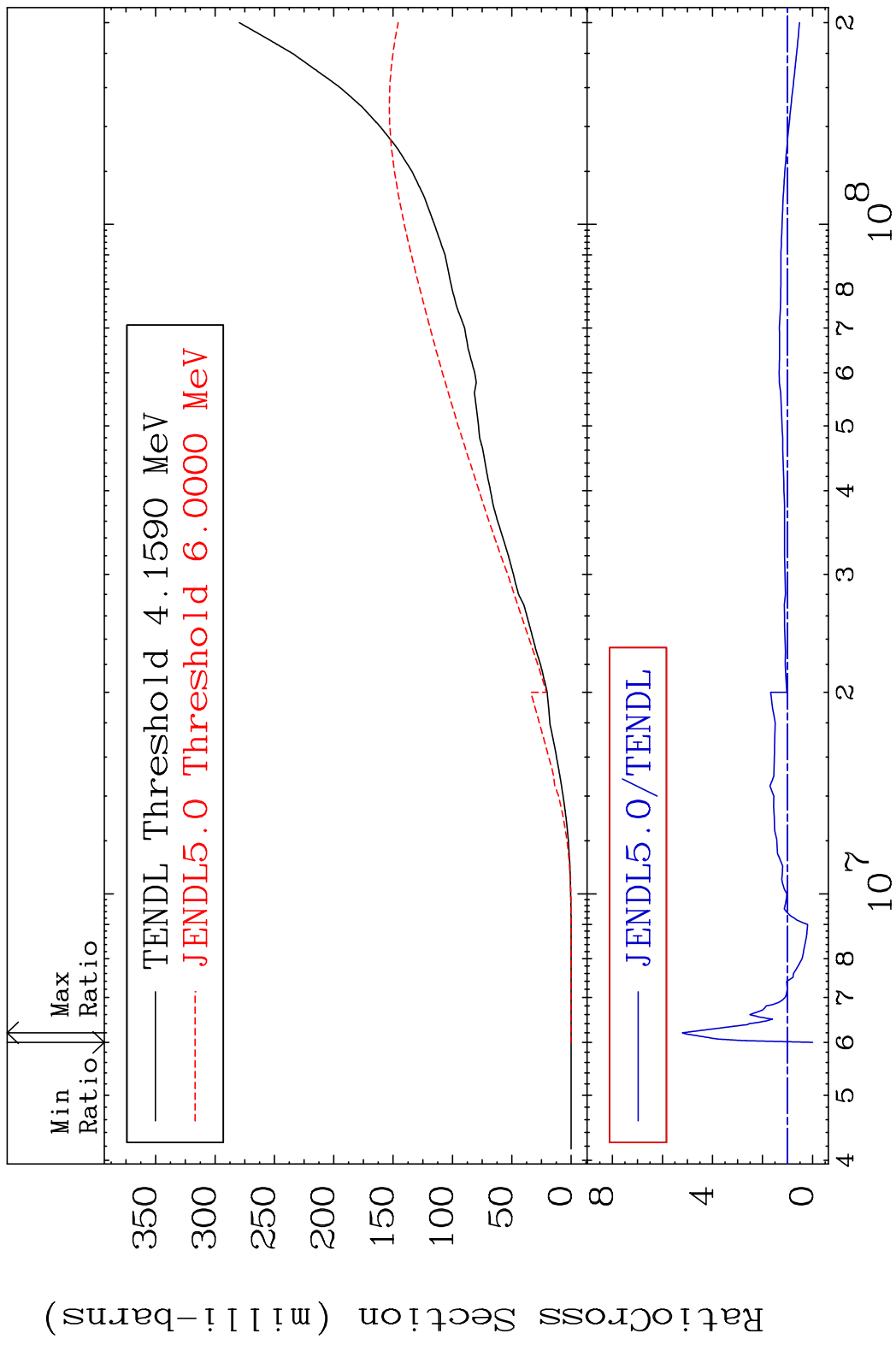


47

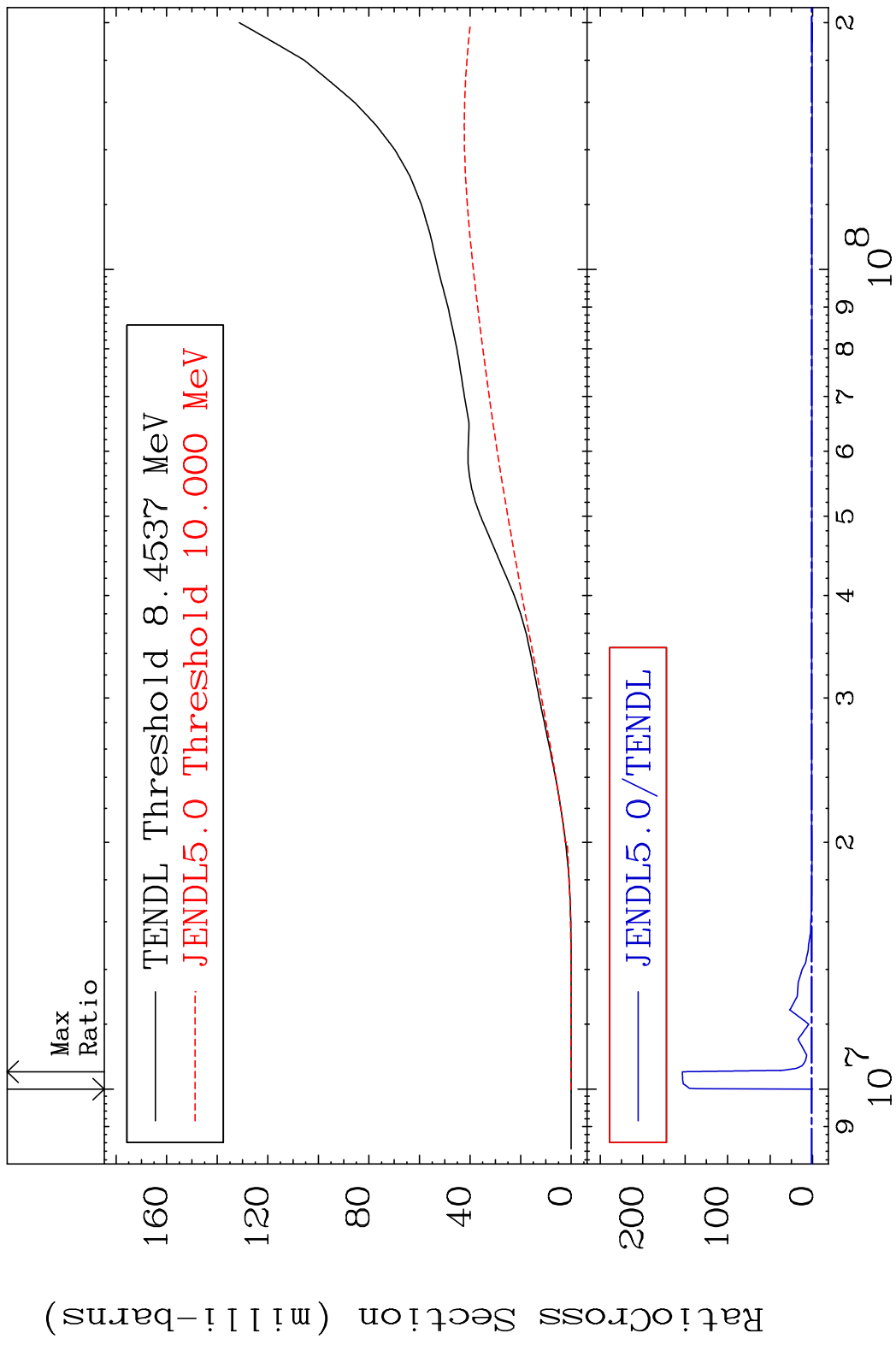
Incident Energy (eV)

³⁵Br-79

MAT 3525 Deuterium Production 35-Br-79
 Cross Section -100.0 To 420.5 %



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



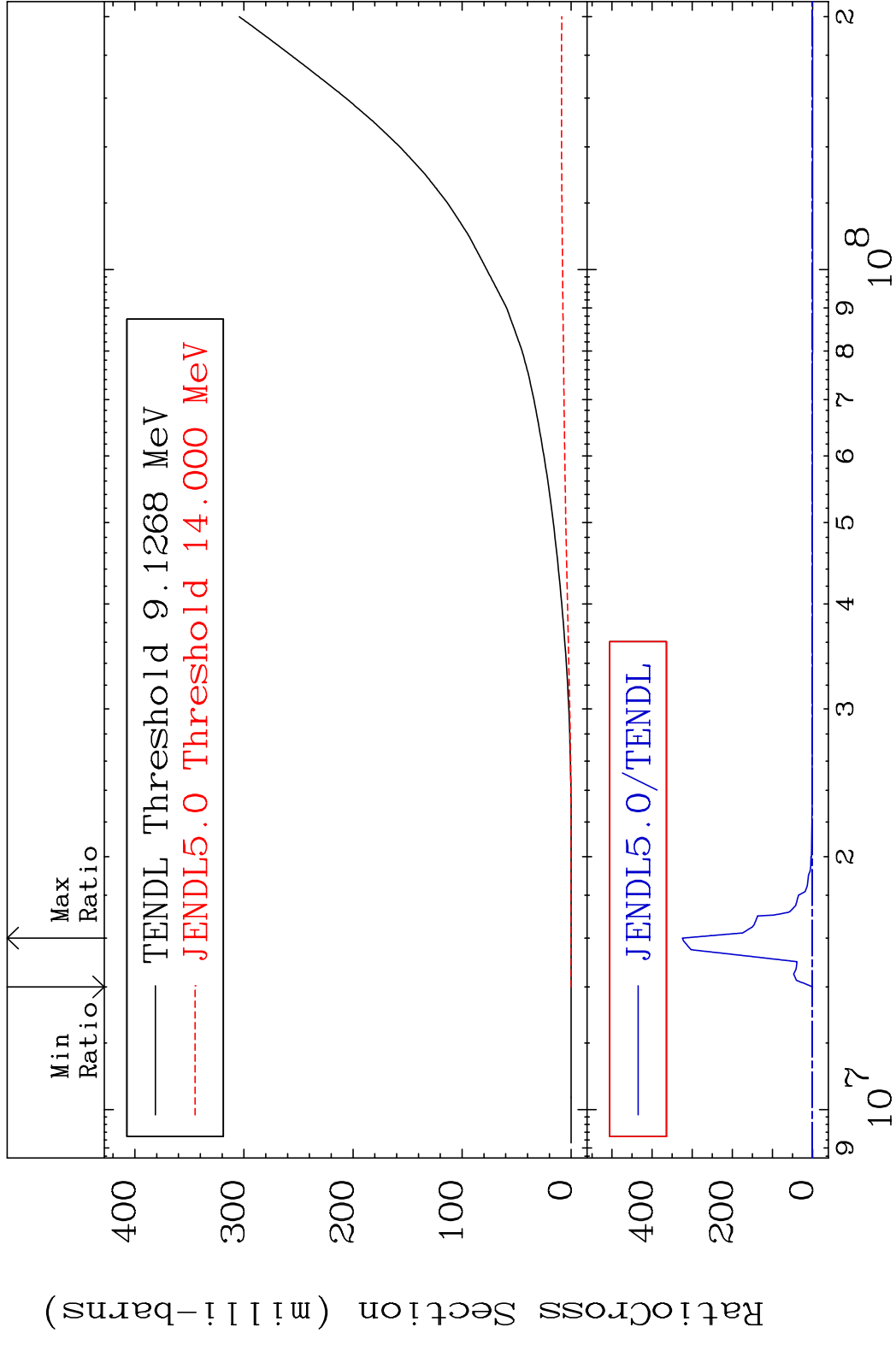
49 Incident Energy (eV) 35-Br-79

MAT 3525

He-3 Production

35-Br-79

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

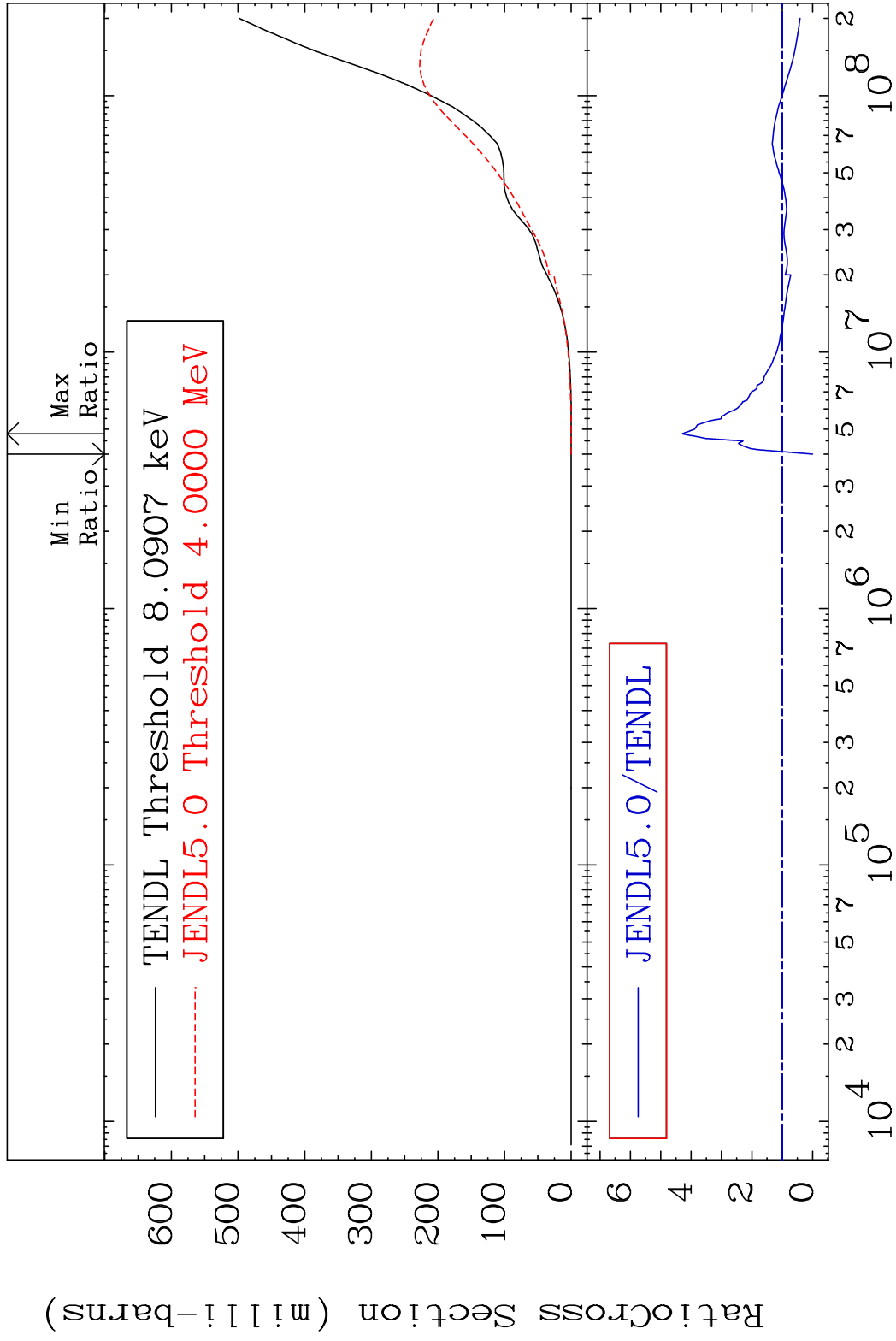
35-Br-79

MAT 3525

He-4 Production

35-Br-79

Cross Section -100.0 To 328.8 %

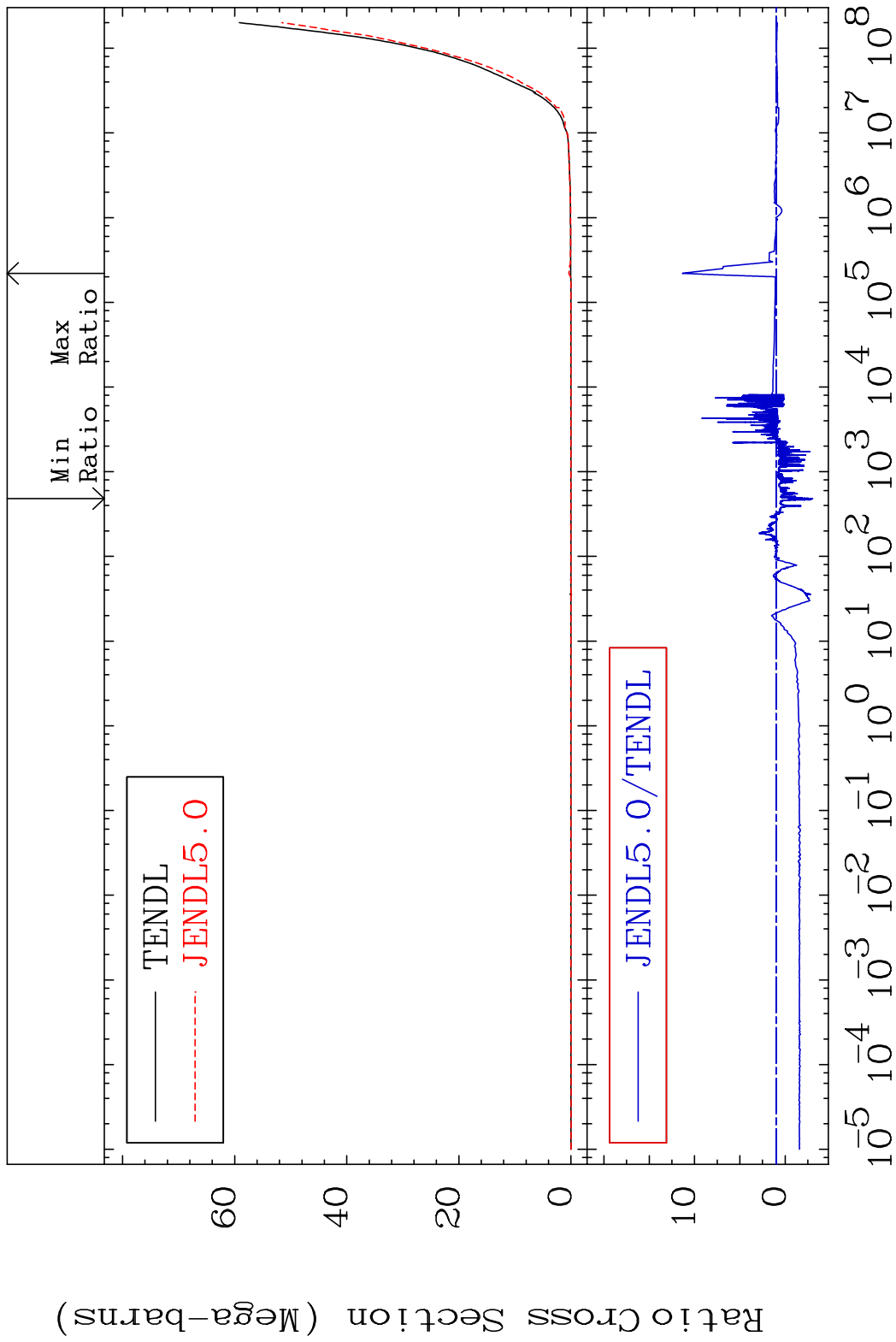


51

Incident Energy (eV)

35-Br-79

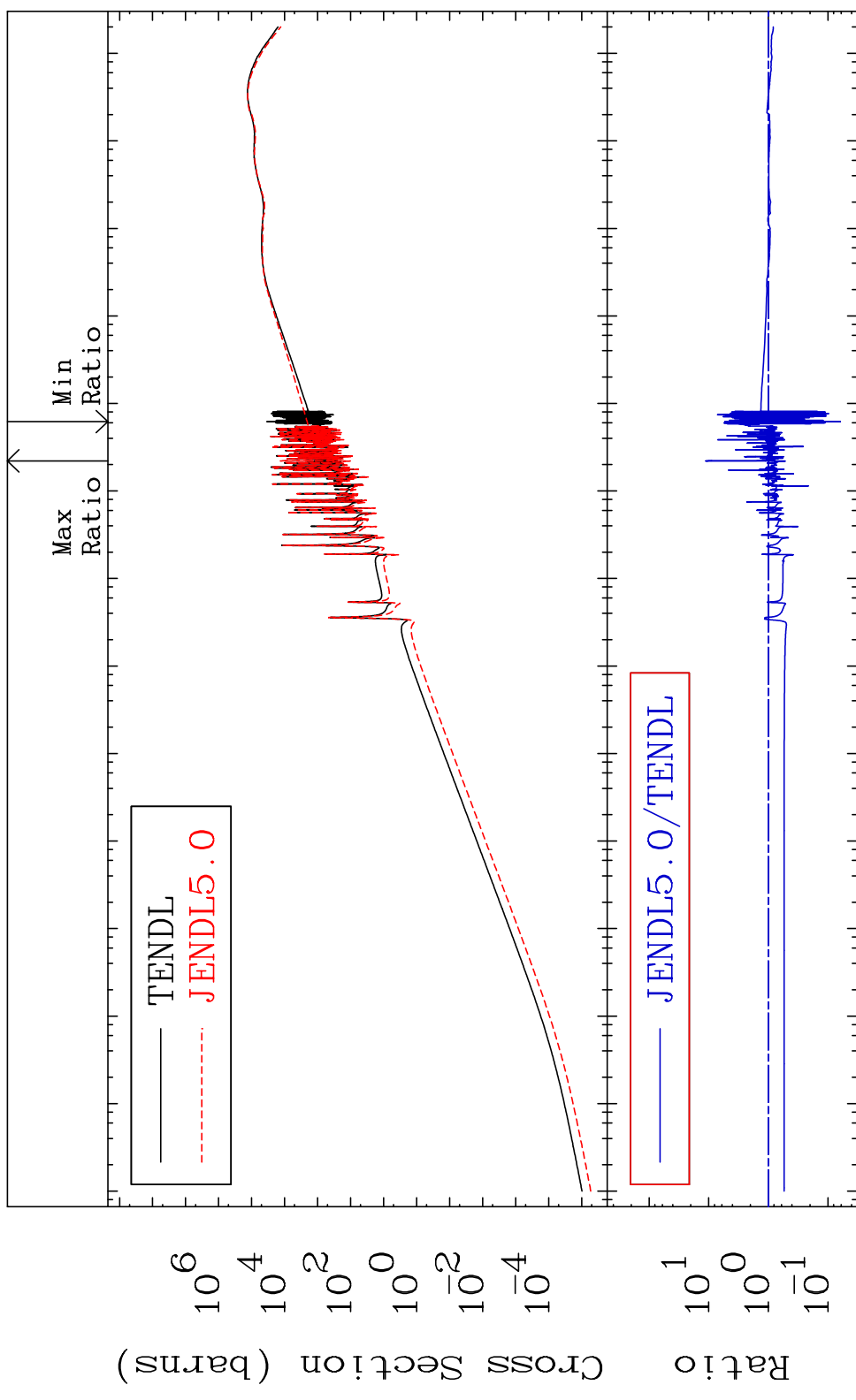
MAT 3525 Kerma total (eV-barns) 35-Br-79
Cross Section -402.3 To 1035. %



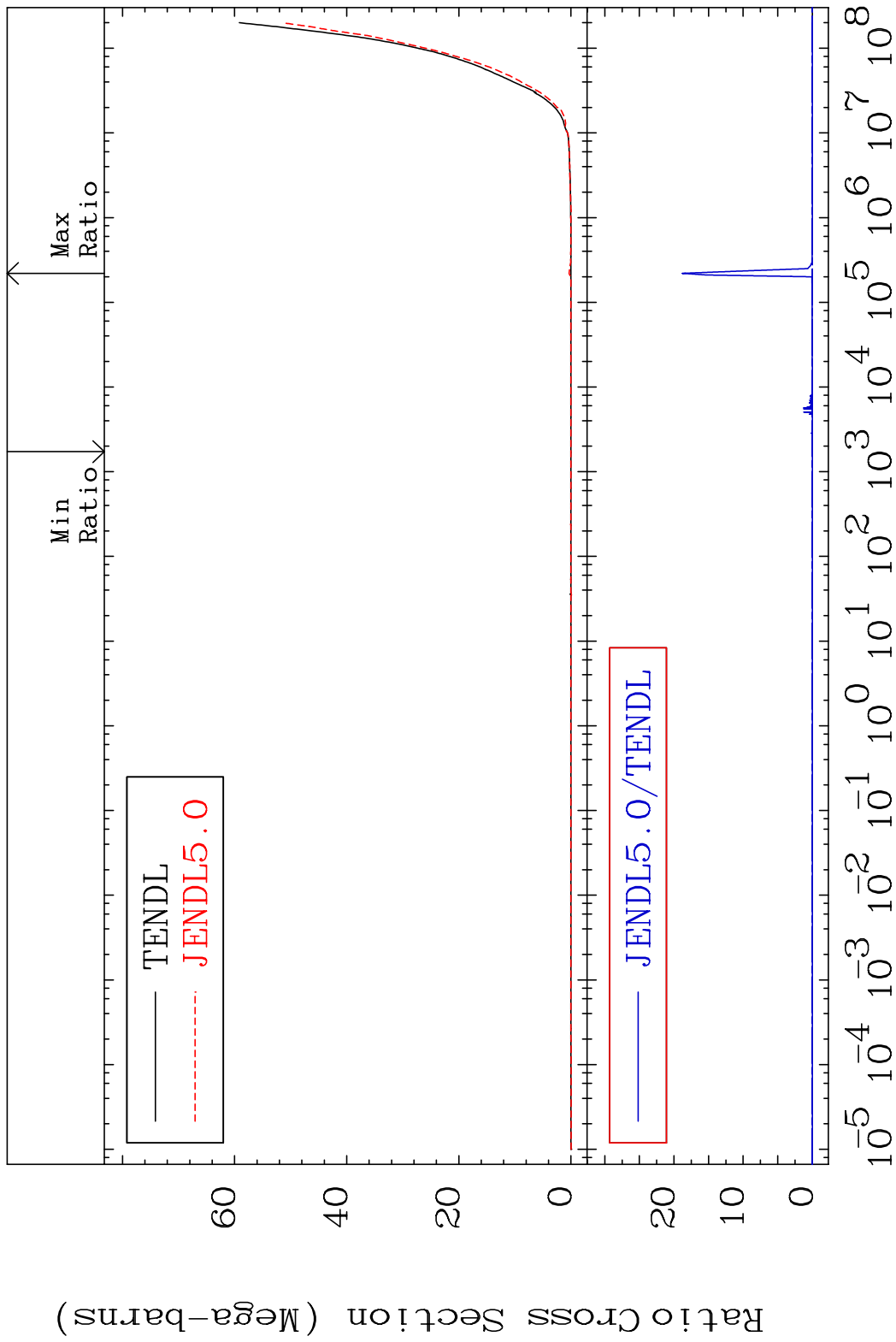
MAT 3525

Kerma elastic Cross Section -93.85 To 1021. %

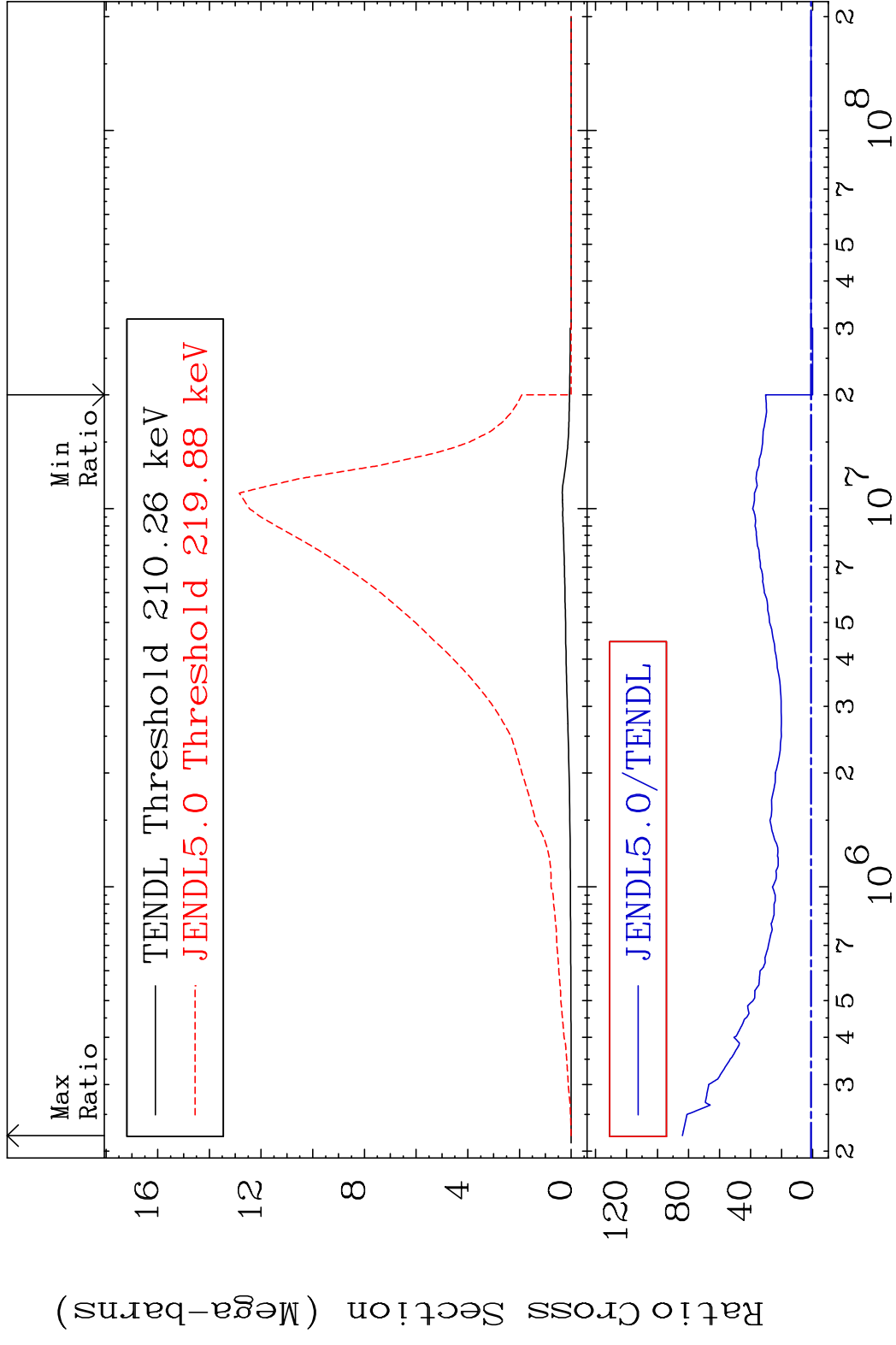
35-Br-79



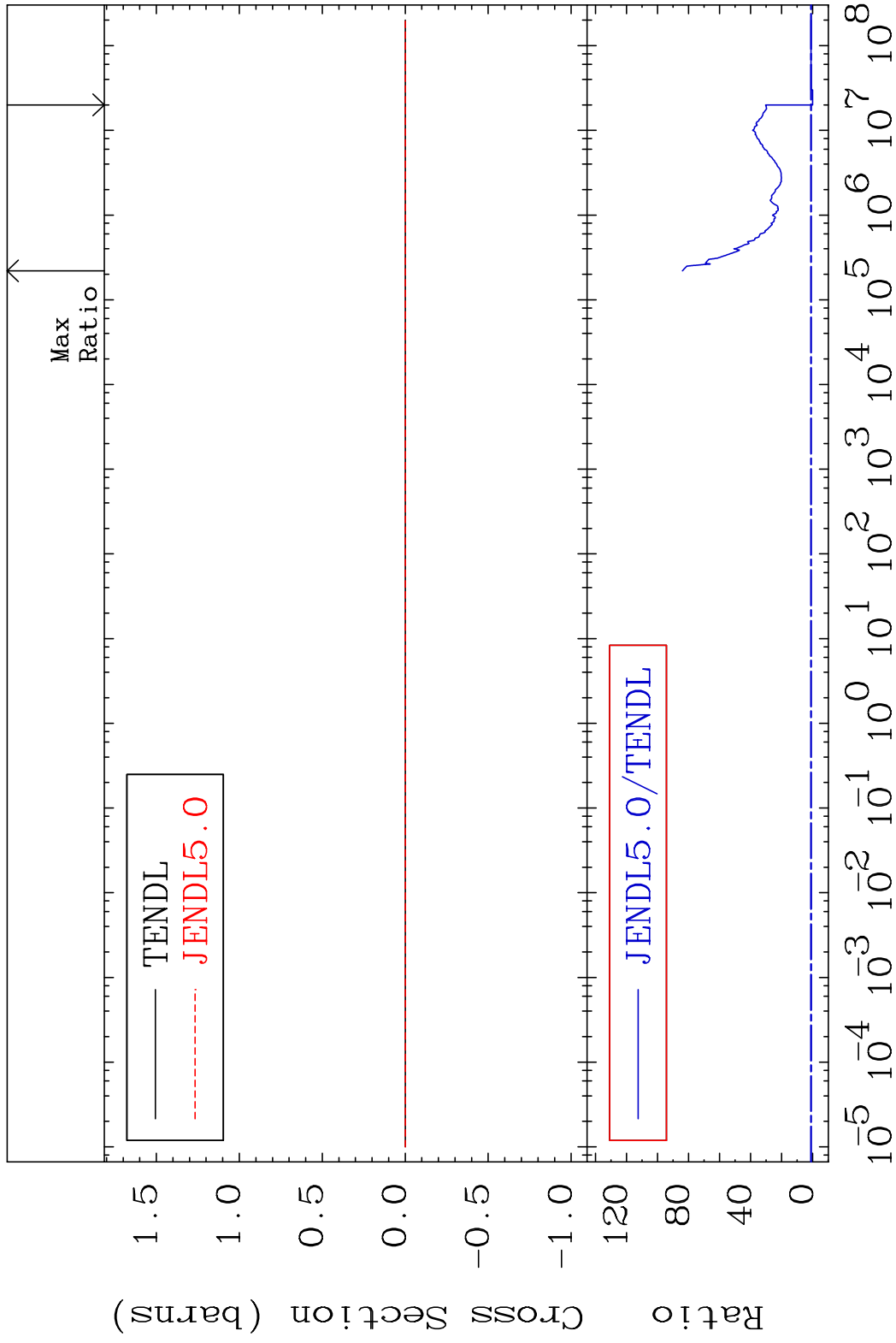
MAT 3525 Kerma non-elastic (all but mt2) 35-Br-79
 Cross Section -3648. To 9999. %



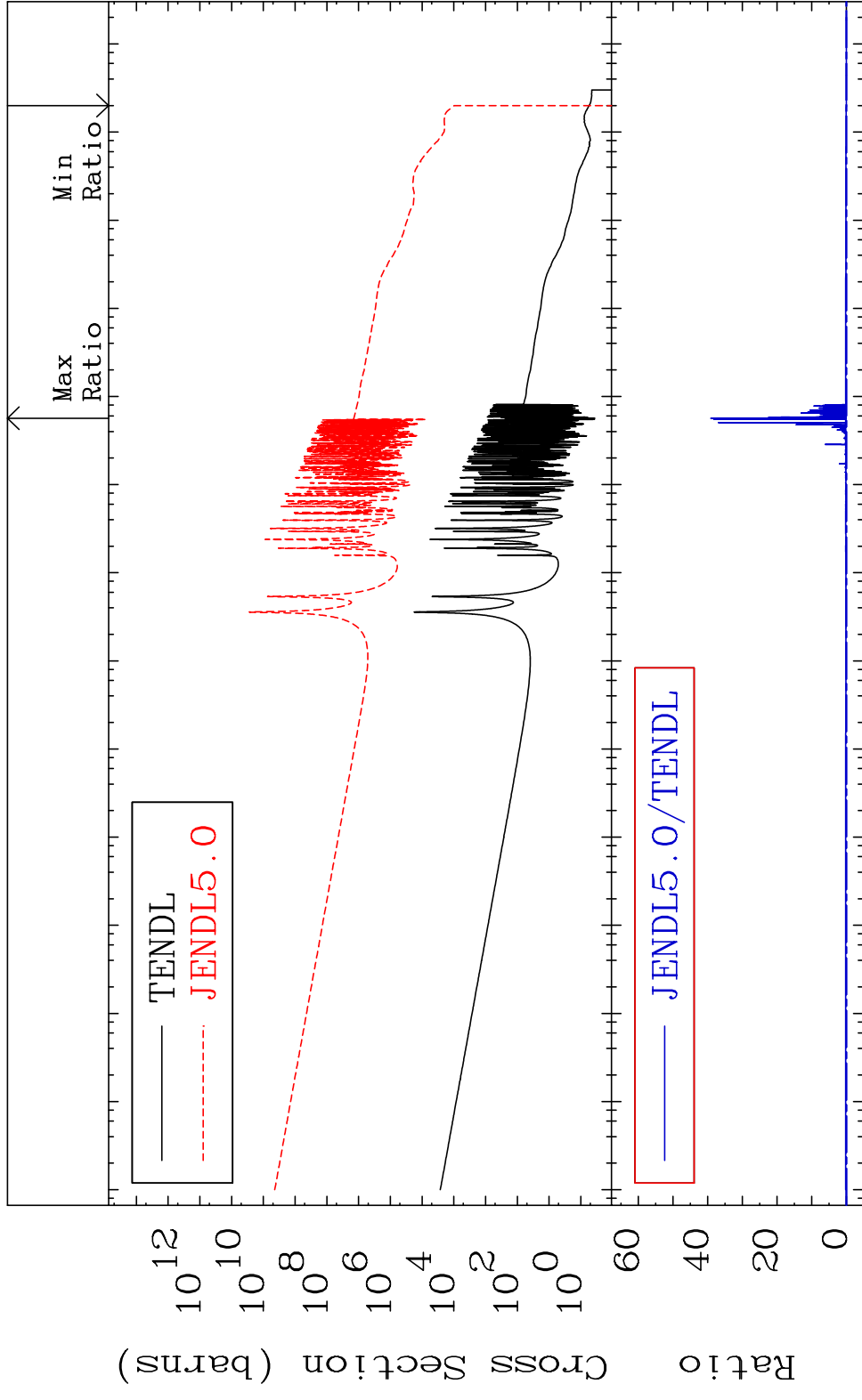
MAT 3525 Kerma inelastic (mt51-91) 35-Br-79
 Cross Section -100.0 To 8298. %



MAT 3525 Kerma fission (mt18 or mt19-20-21-38) 35-Br-79
 Cross Section -100.0 To 8298. %



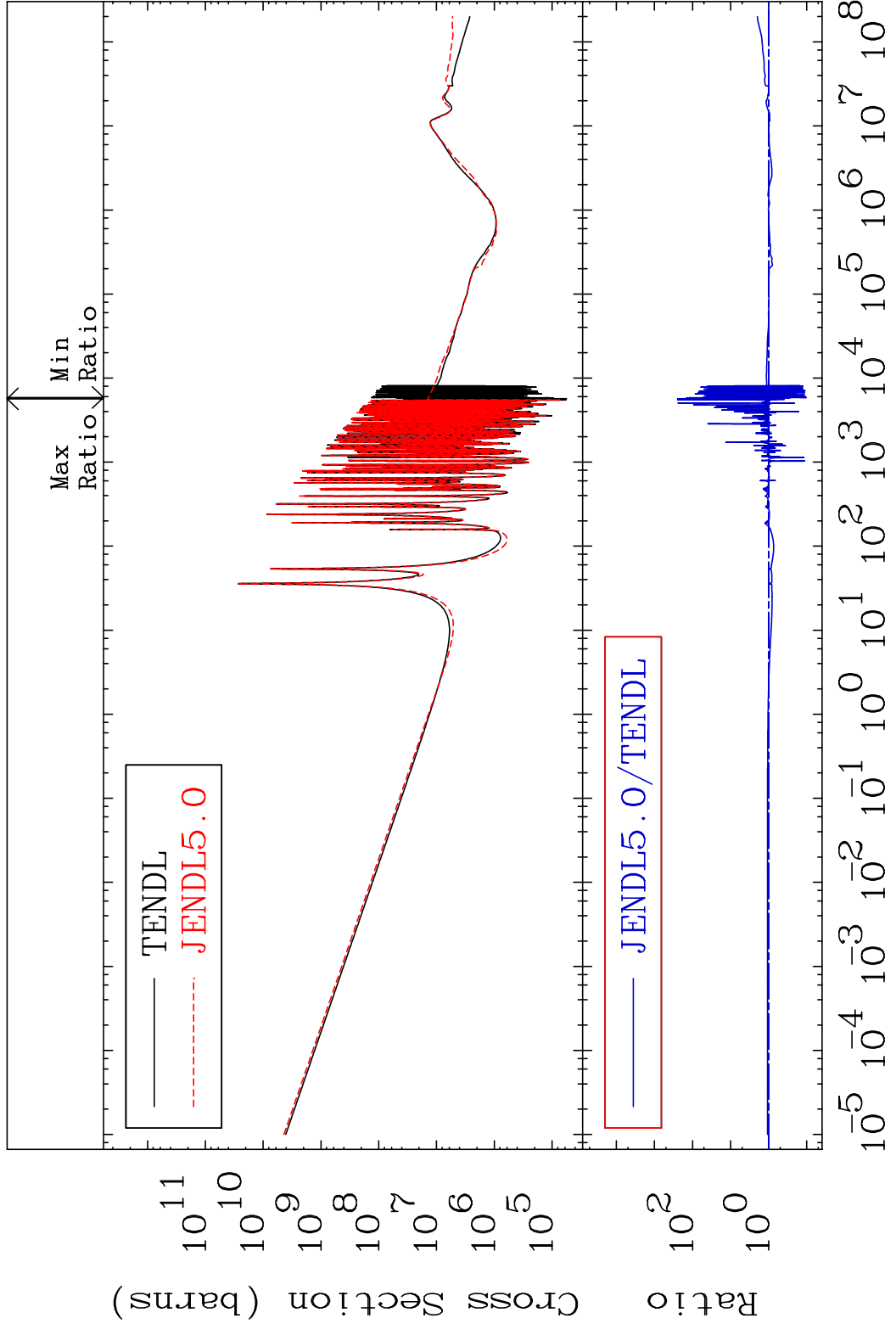
MAT 3525 Kerma capture (mt102) 35-Br-79
 Cross Section -100.0 To 9999. %



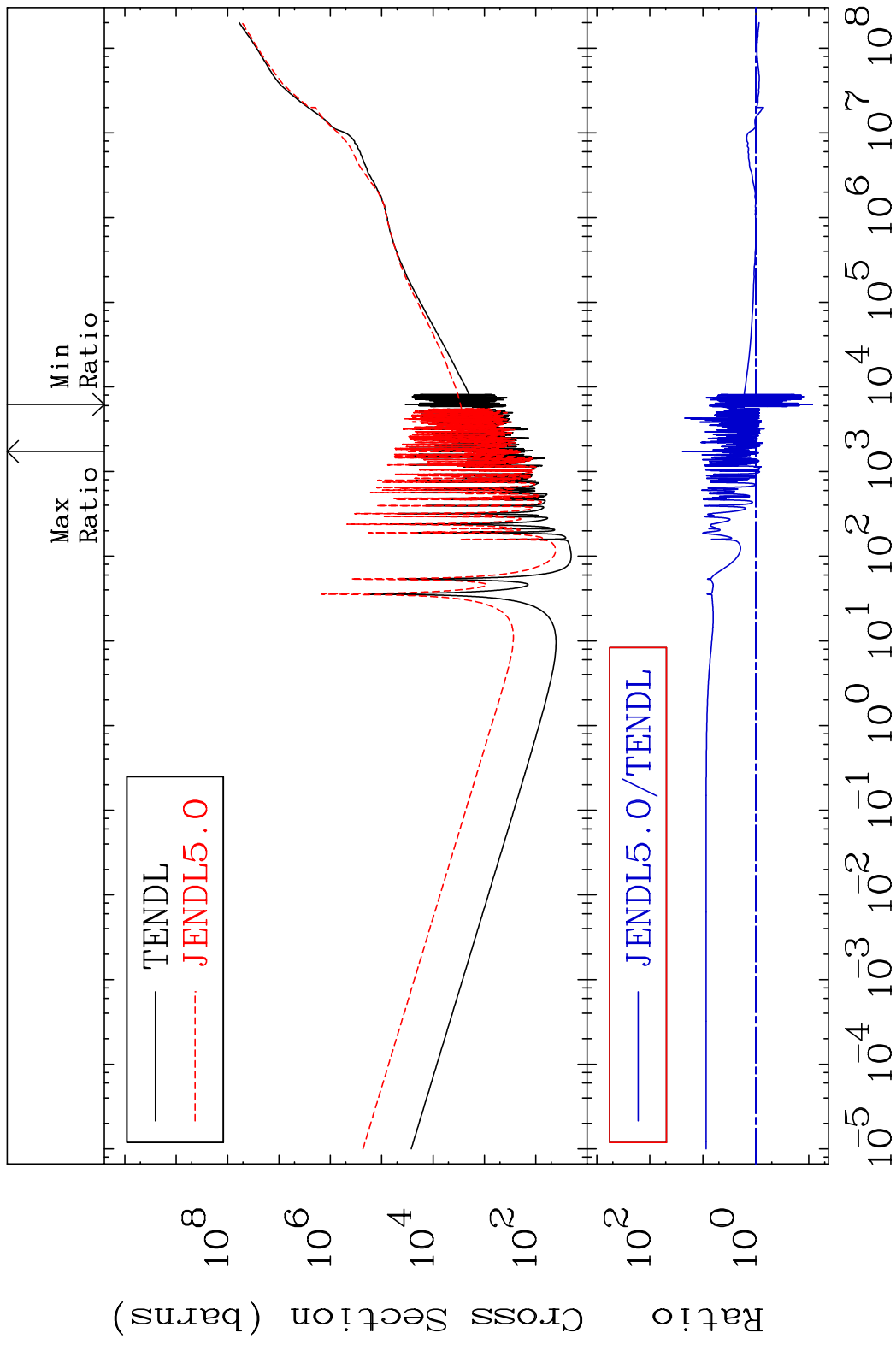
57 Incident Energy (eV) 35-Br-79

MAT 3525

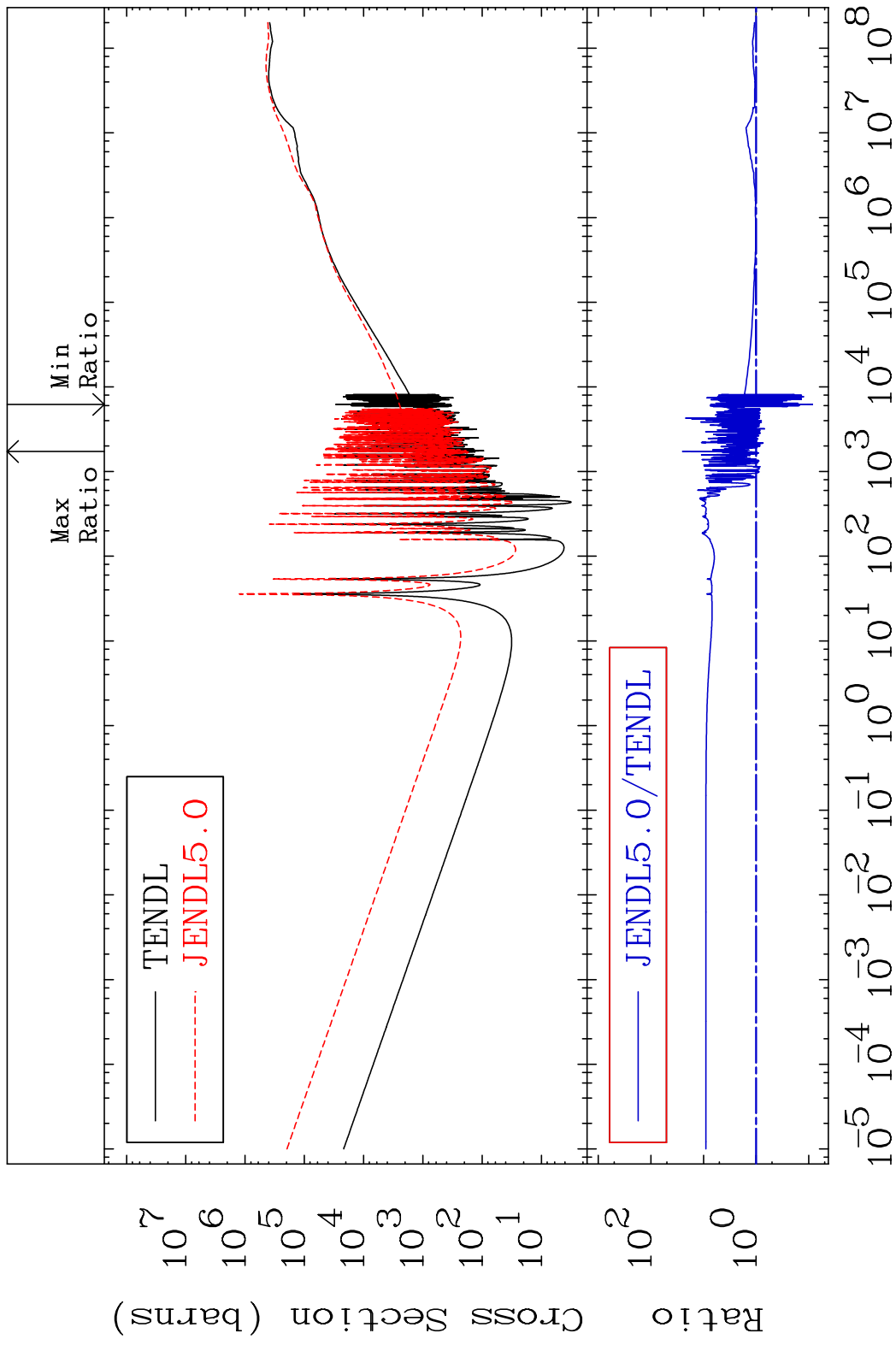
Total photon (eV-barns) 35-Br-79
Cross Section -89.76 To 9999. %



MAT 3525 Total kinematic kerma (high limit) 35-Br-79
 Cross Section -91.49 To 2333. %



MAT 3525 Dpa total (eV-barns) 35-Br-79
 Cross Section -91.52 To 2428. %



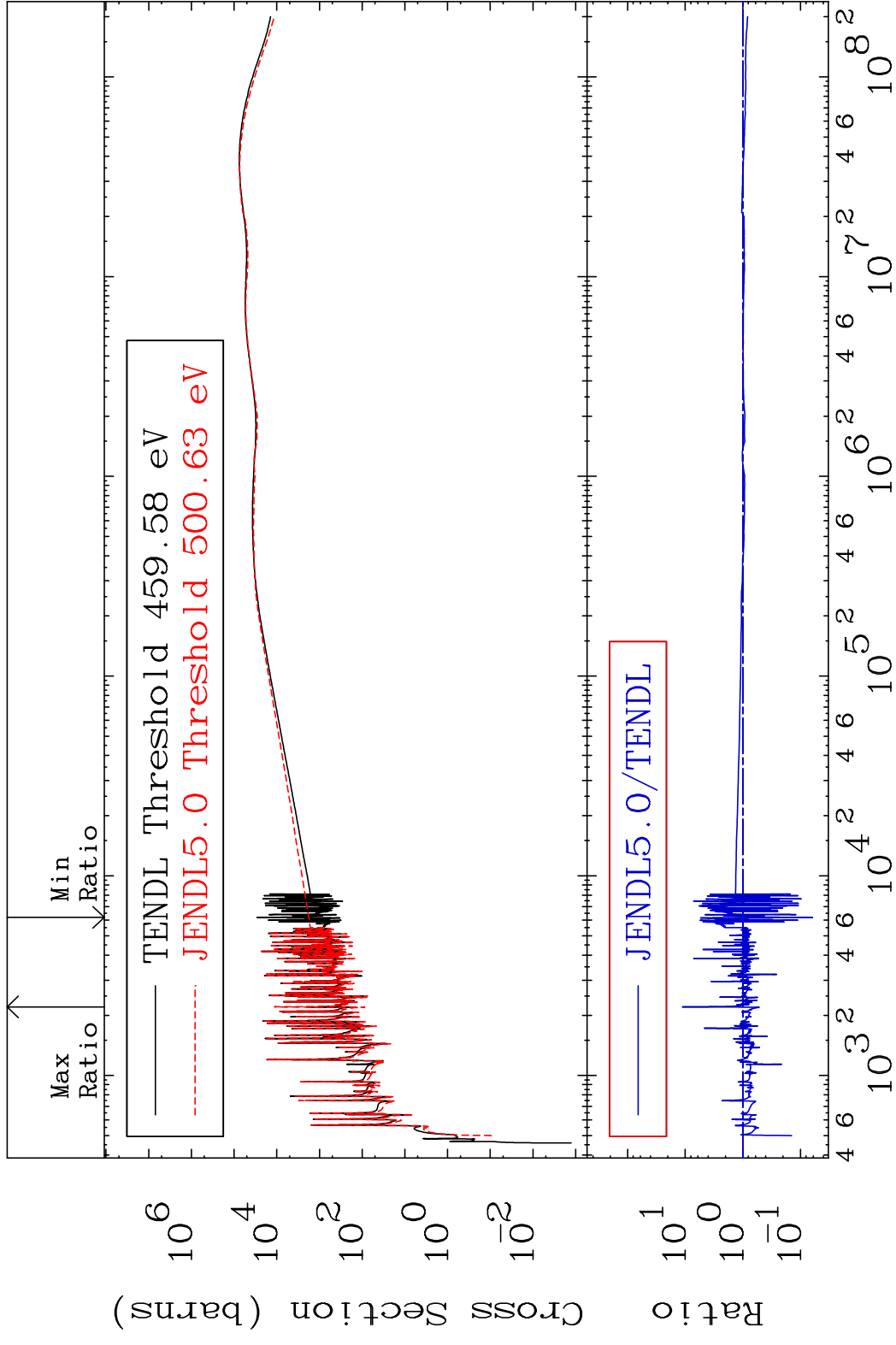
60 Incident Energy (eV) 35-Br-79

MAT 3525

Dpa elastic (mt2)

35-Br-79

Cross Section -93.85 To 1021. %

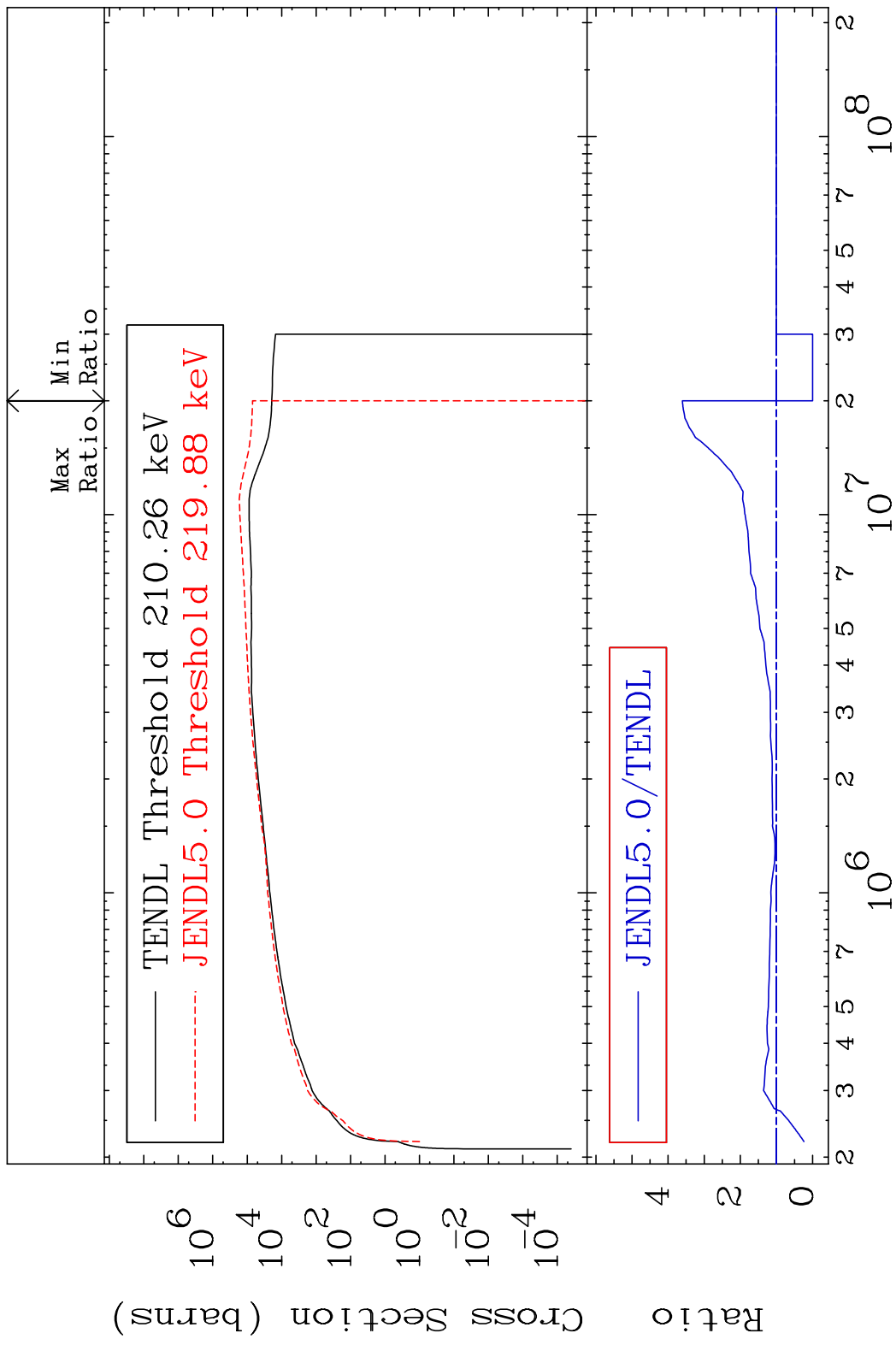


61

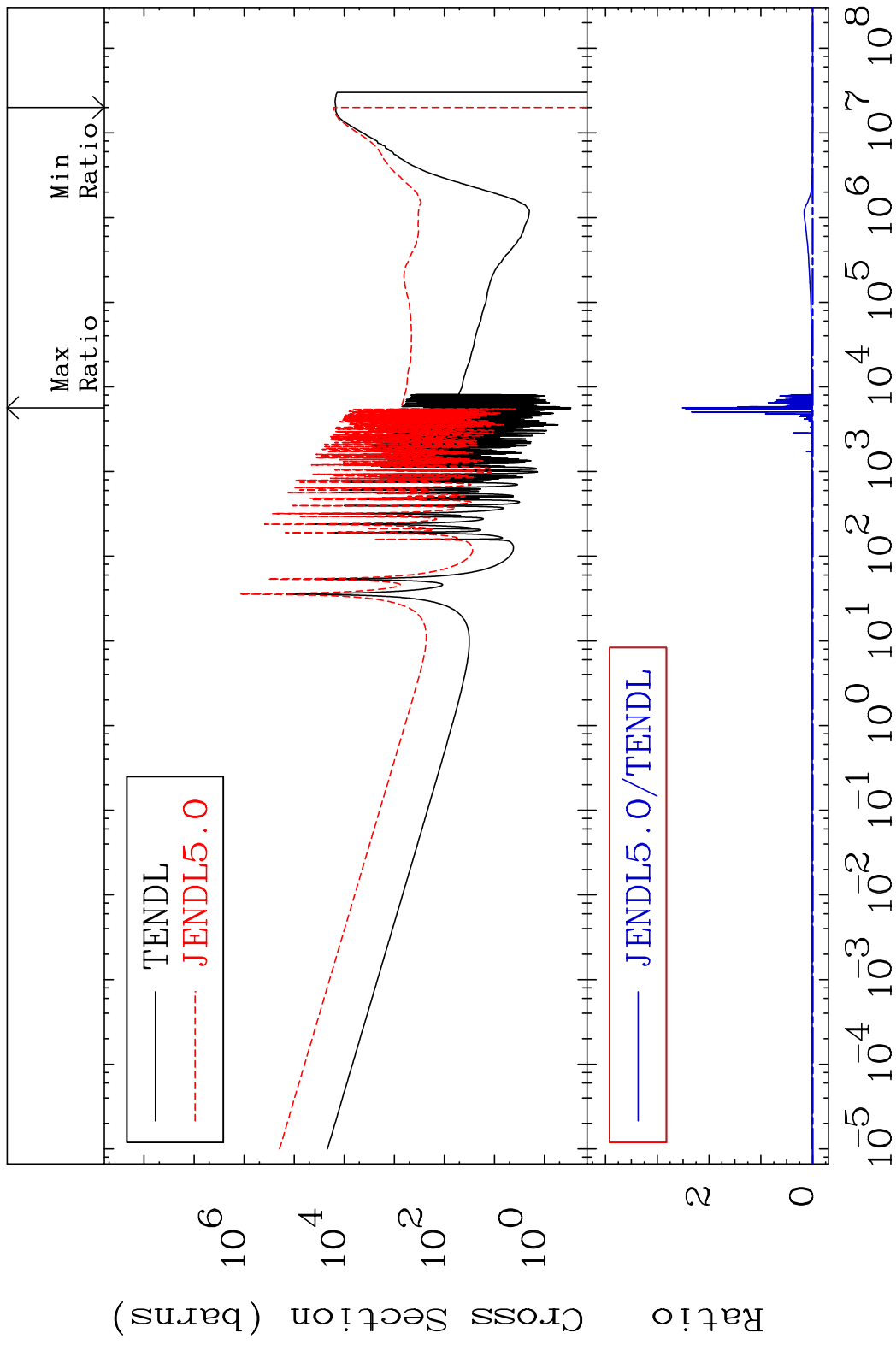
Incident Energy (eV)

35-Br-79

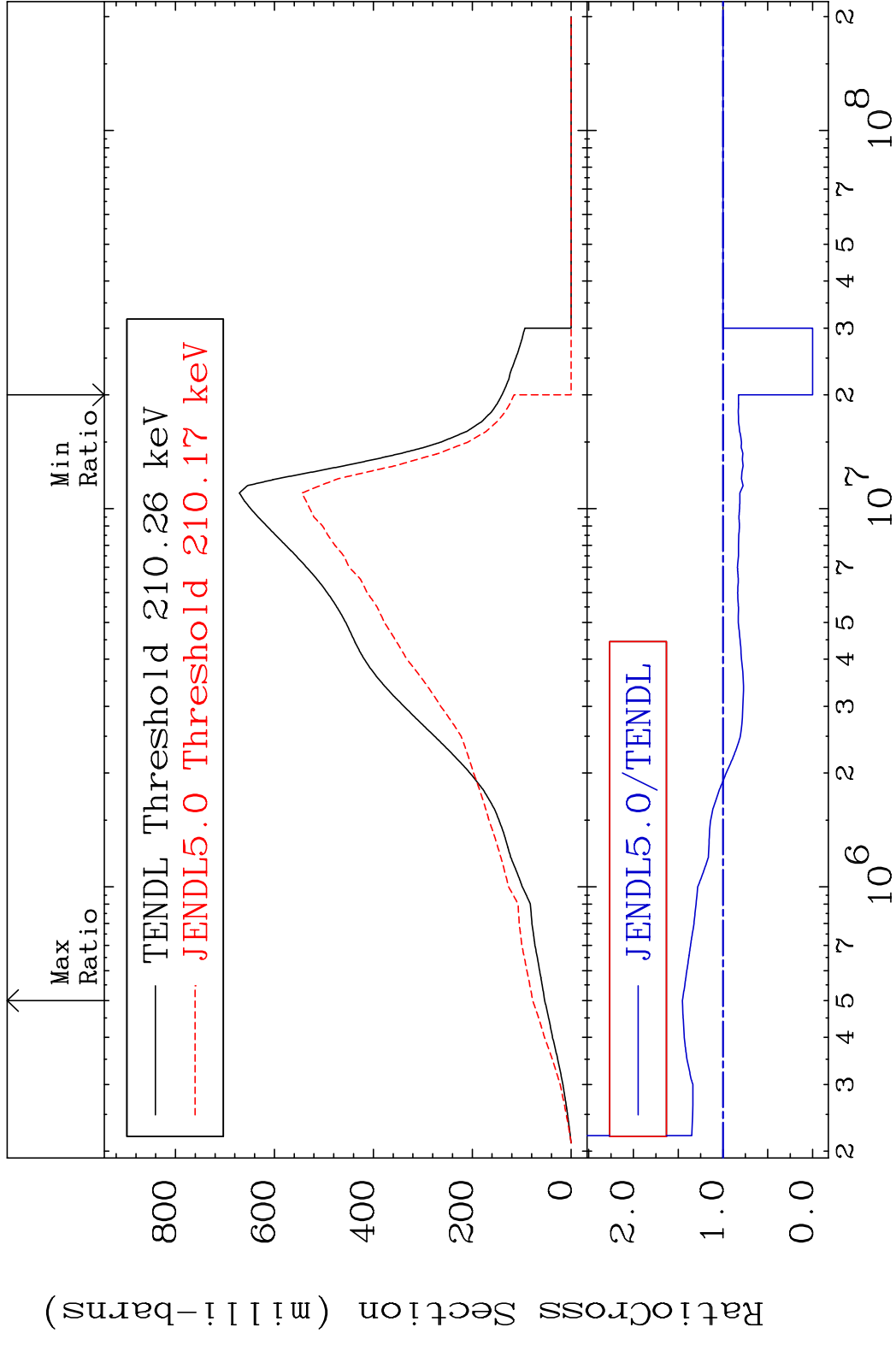
MAT 3525 Dpa inelastic (mt51-91) 35-Br-79
 Cross Section -100.0 To 260.5 %



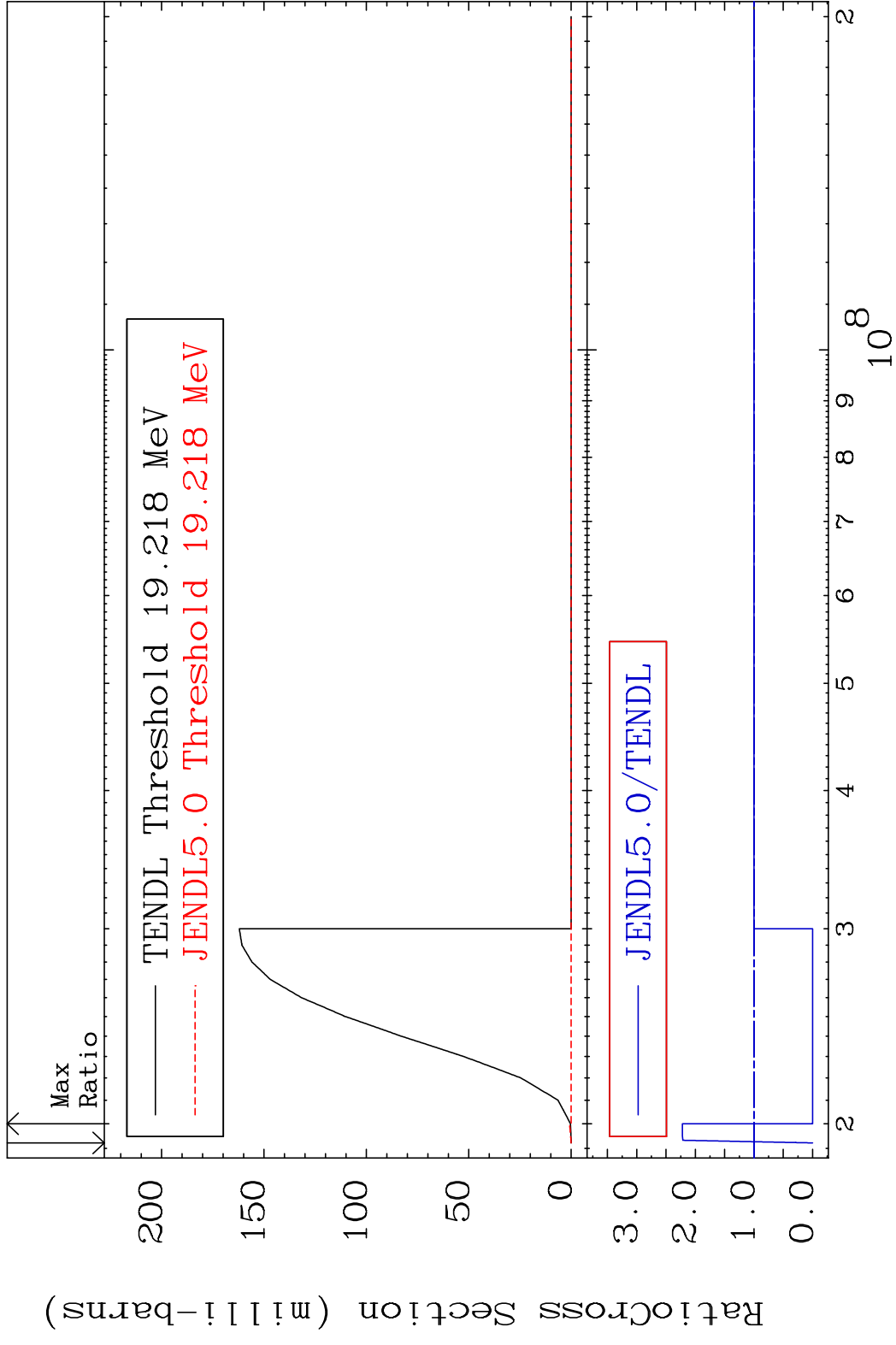
MAT 3525 Dpa disappearance (mt102 -120) 35-Br-79
 Cross Section -100.0 To 9999. %



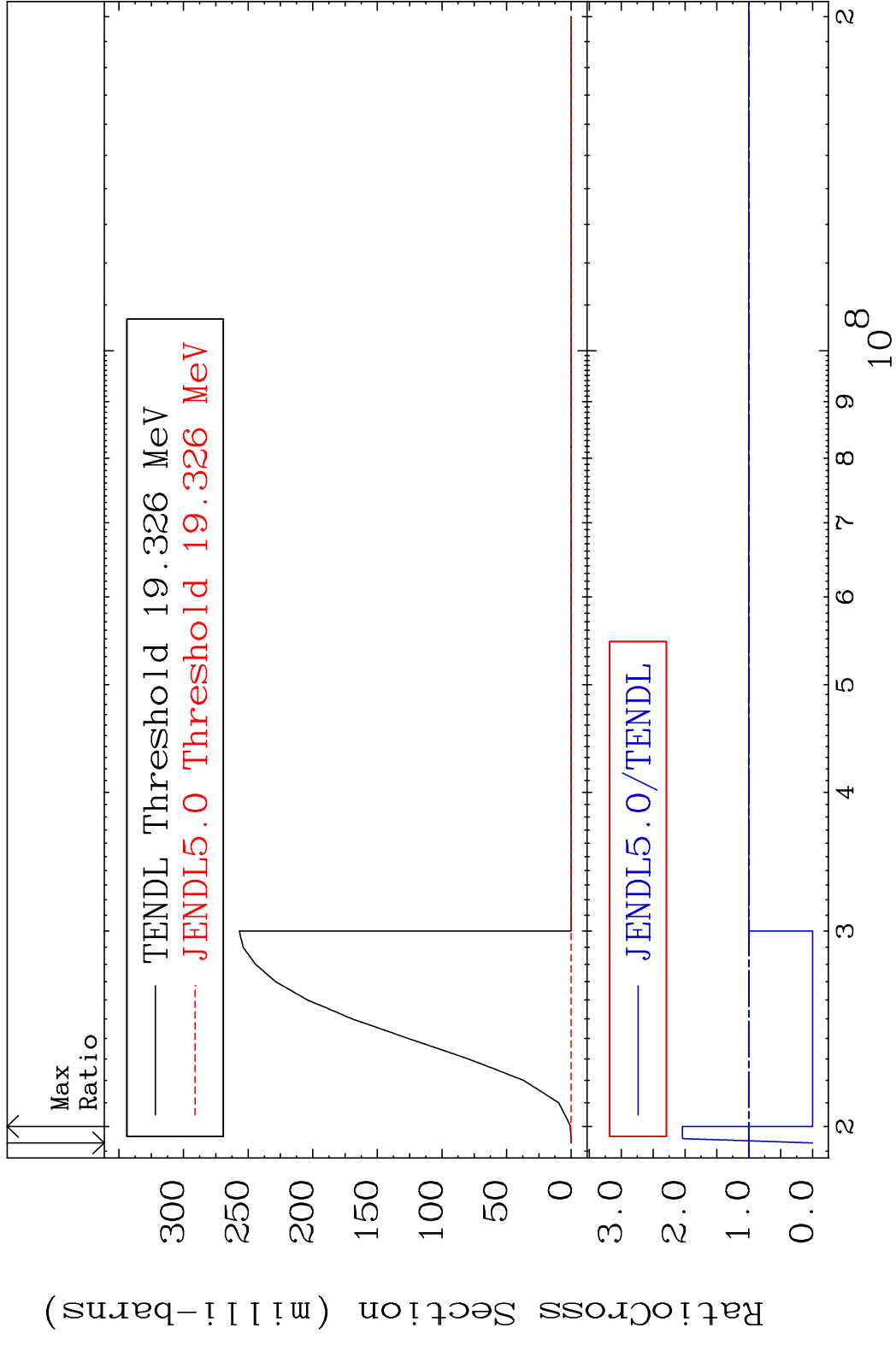
MAT 3525 Inelastic:35-Br-79m1 35-Br-79
 Radionuclide Production Cross Section Ratio 45.39 %



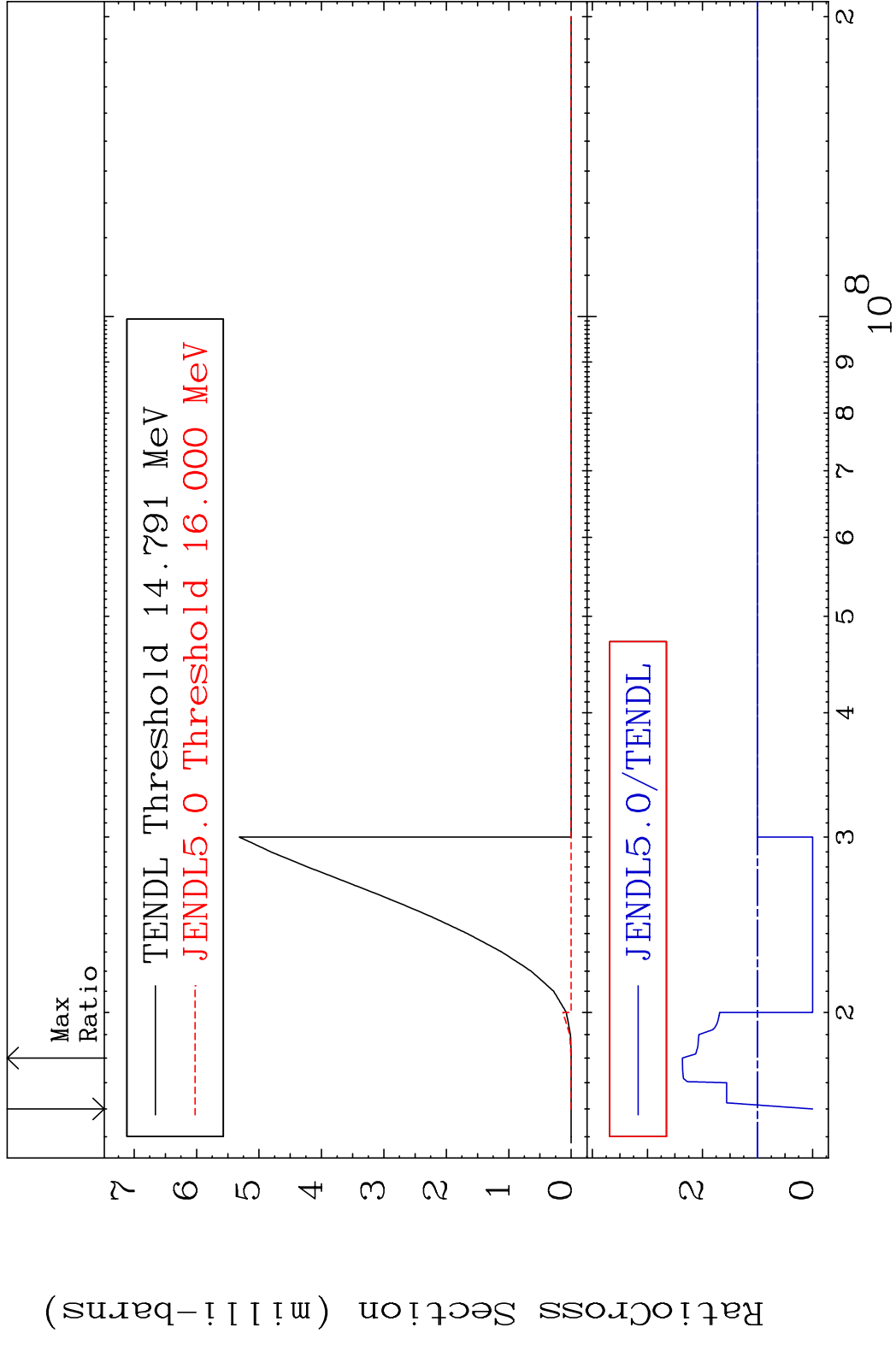
MAT 3525 (n,3n):35-Br-77g 35-Br-79
 Radionuclide Production Cross Section 180.0 dth 122.2 %



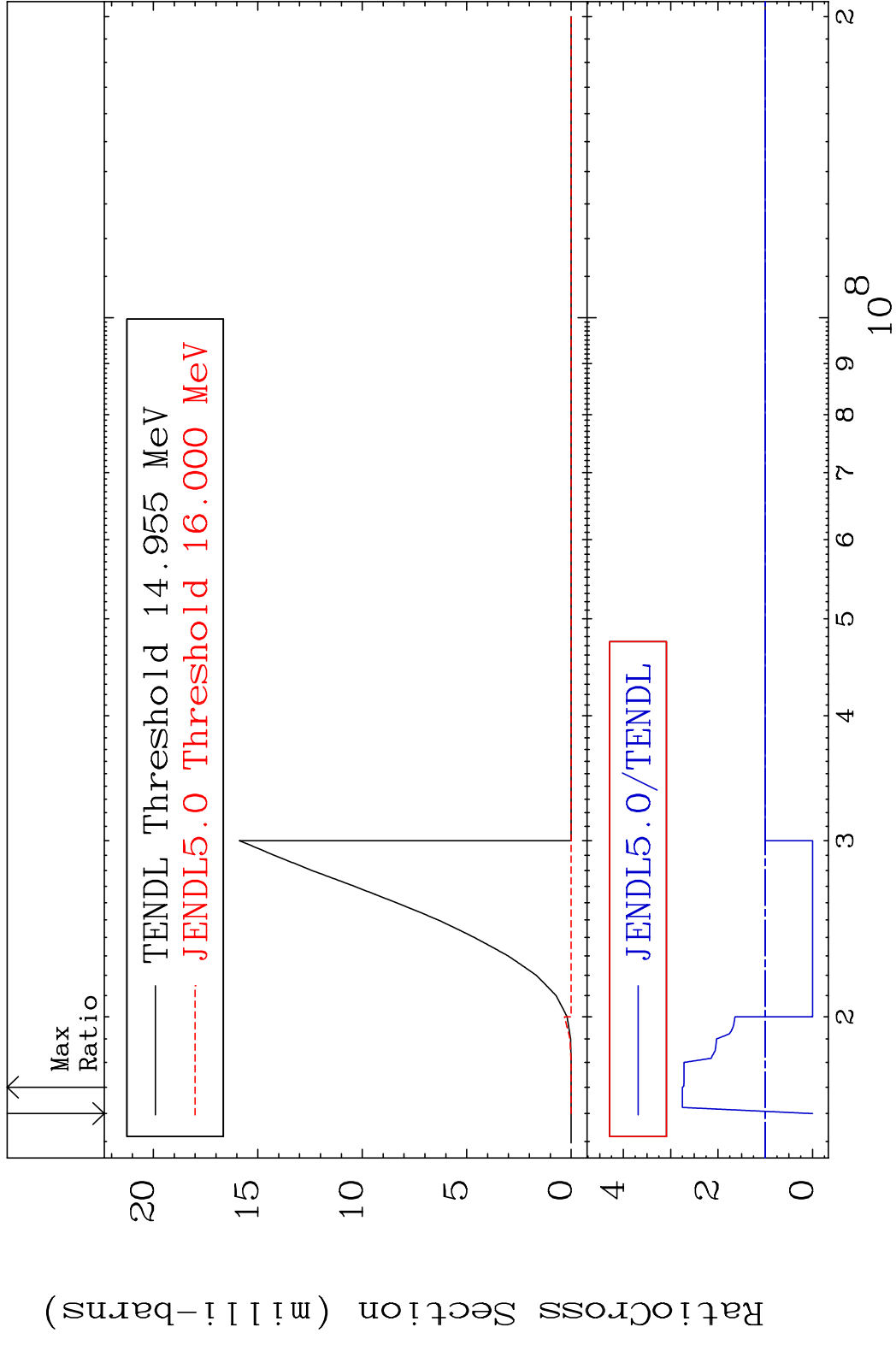
MAT 3525 (n, 3n) : 35-Br-77m1 35-Br-79
 Radionuclide Production Cross Section 100.0 dth 104.2 %



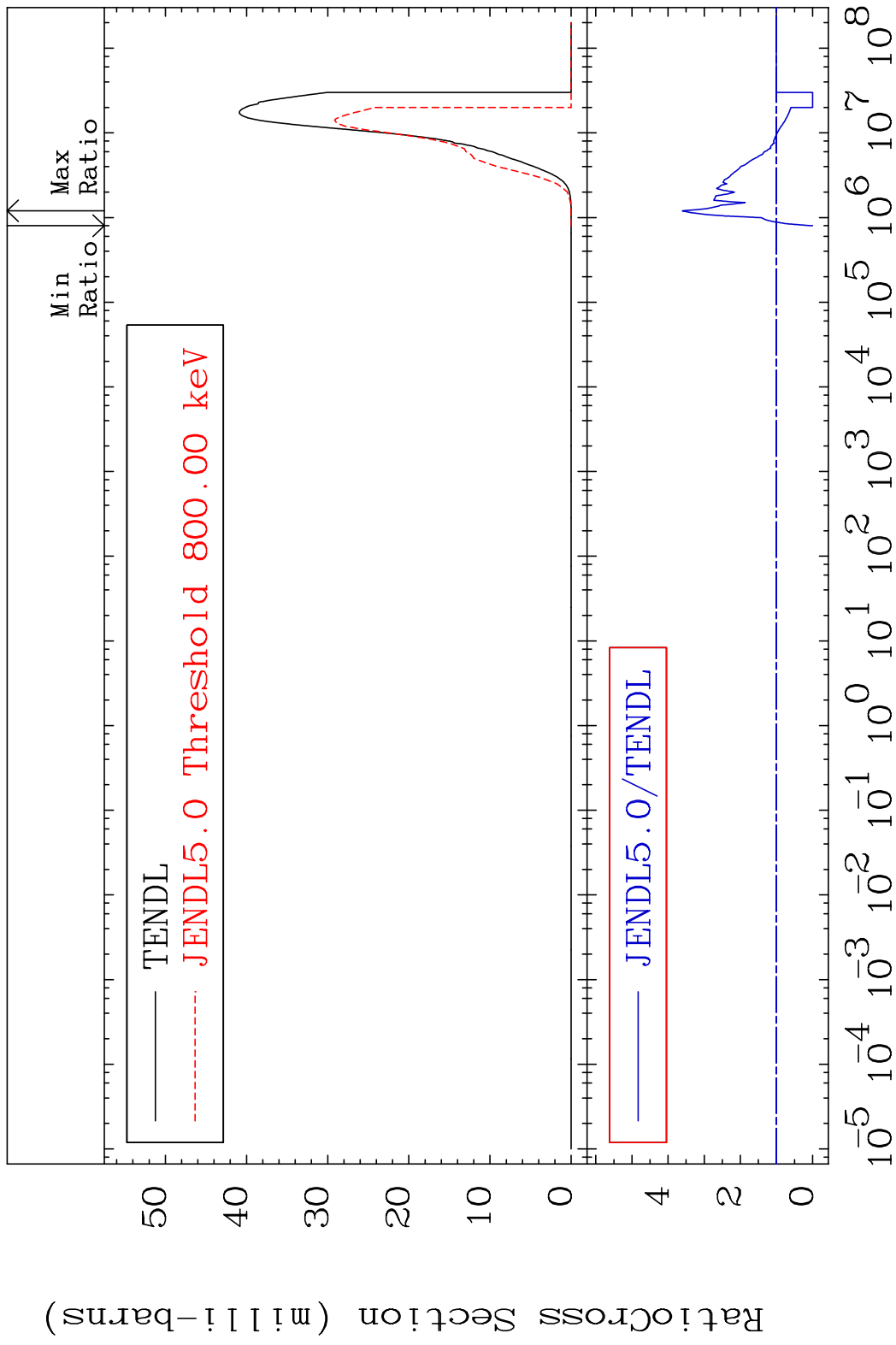
MAT 3525 (n, n') d:34-Se-77g 35-Br-79
 Radionuclide Production Cross Section 136.6 %



MAT 3525 (n, n') d:34-Se-77m1 35-Br-79
 Radionuclide Production Cross Section Ratio 180.0%
 175.3 %

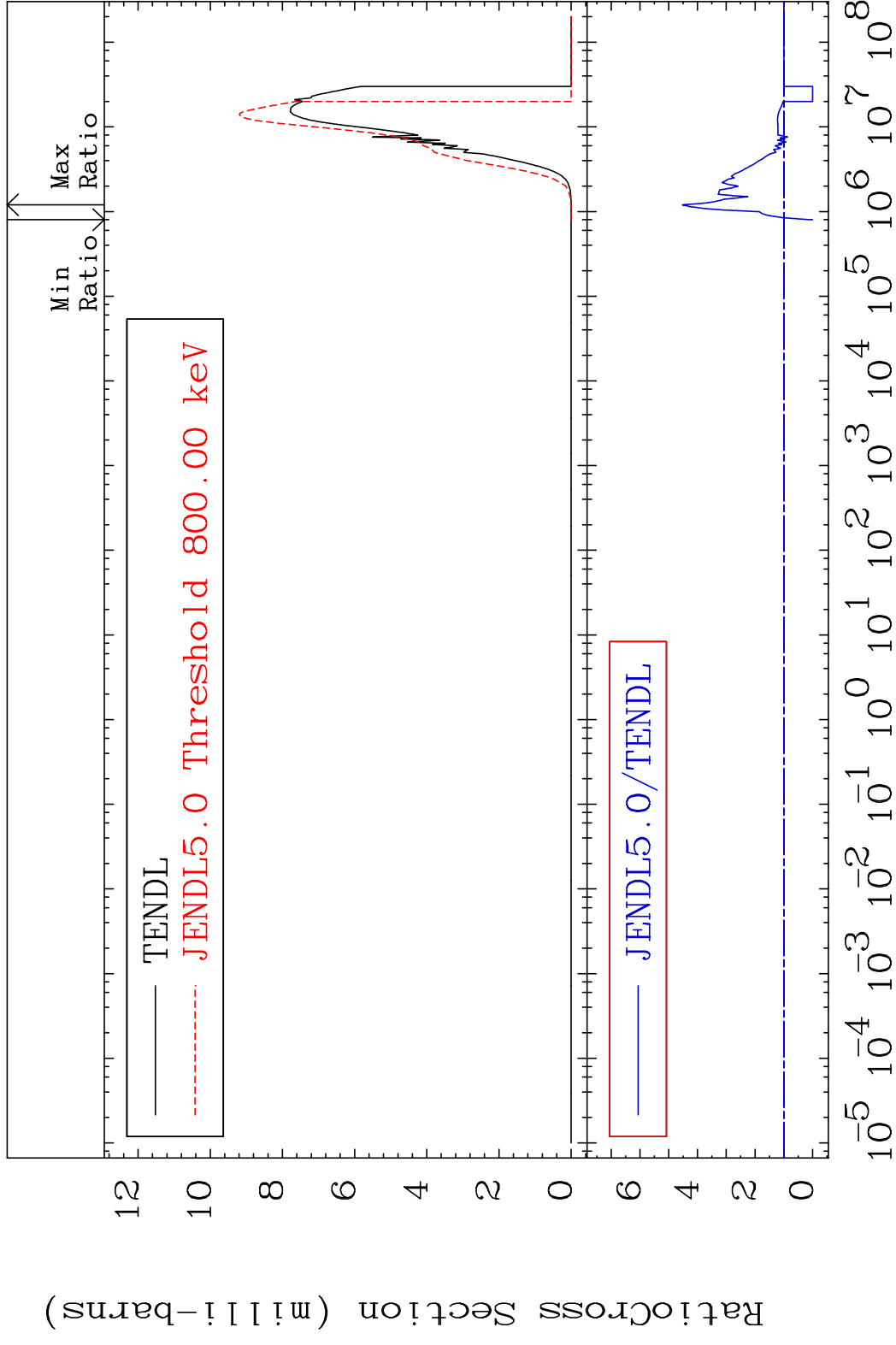


MAT 3525 (n,p):34-Se-79g 35-Br-79
 Radionuclide Production Cross Section Ratio 260.4 %



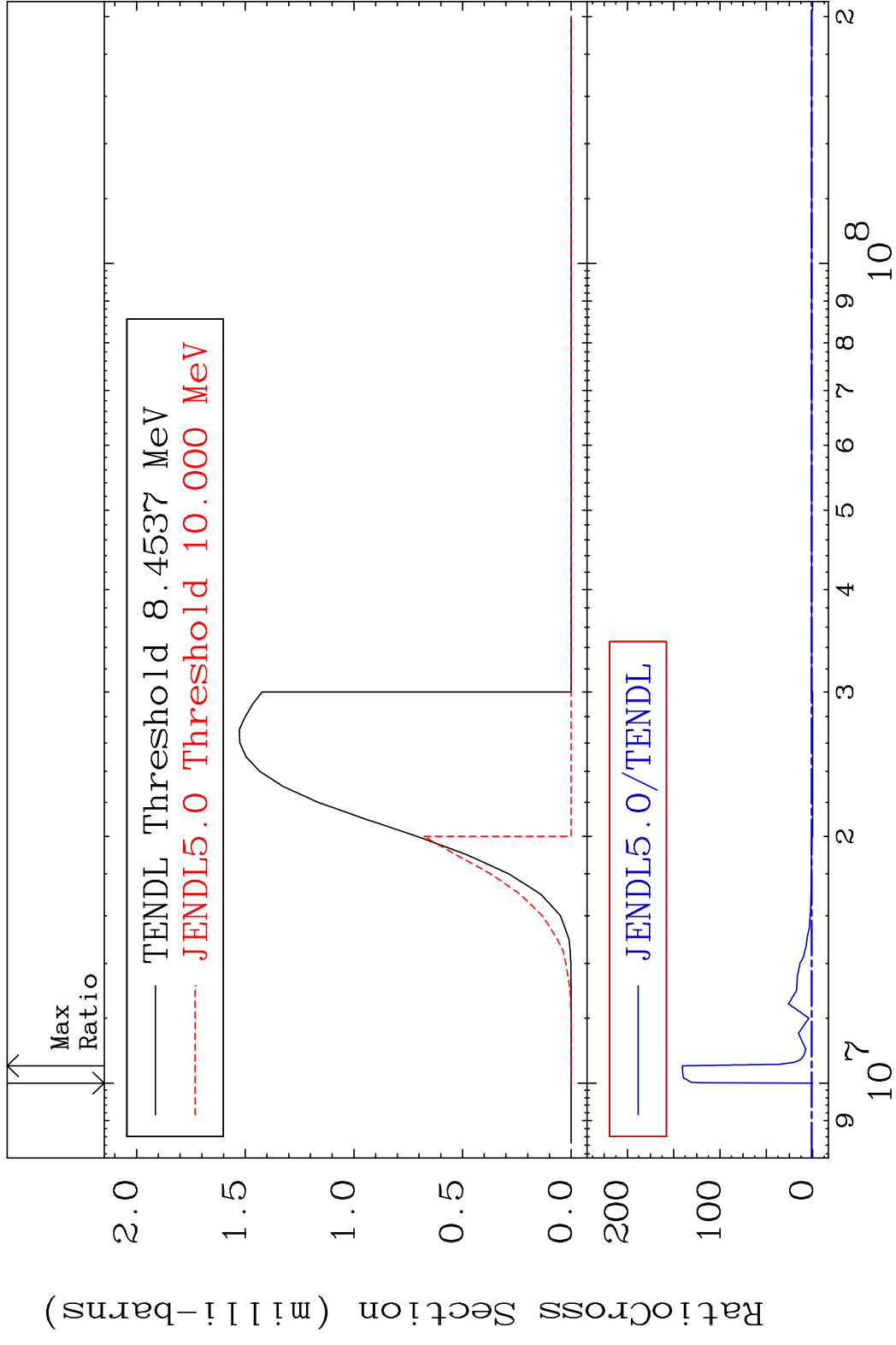
69 Incident Energy (eV) 35-Br-79

MAT 3525 (n,p):34-Se-79m1 35-Br-79
 Radionuclide Production Cross Section Ratio 352.6 %

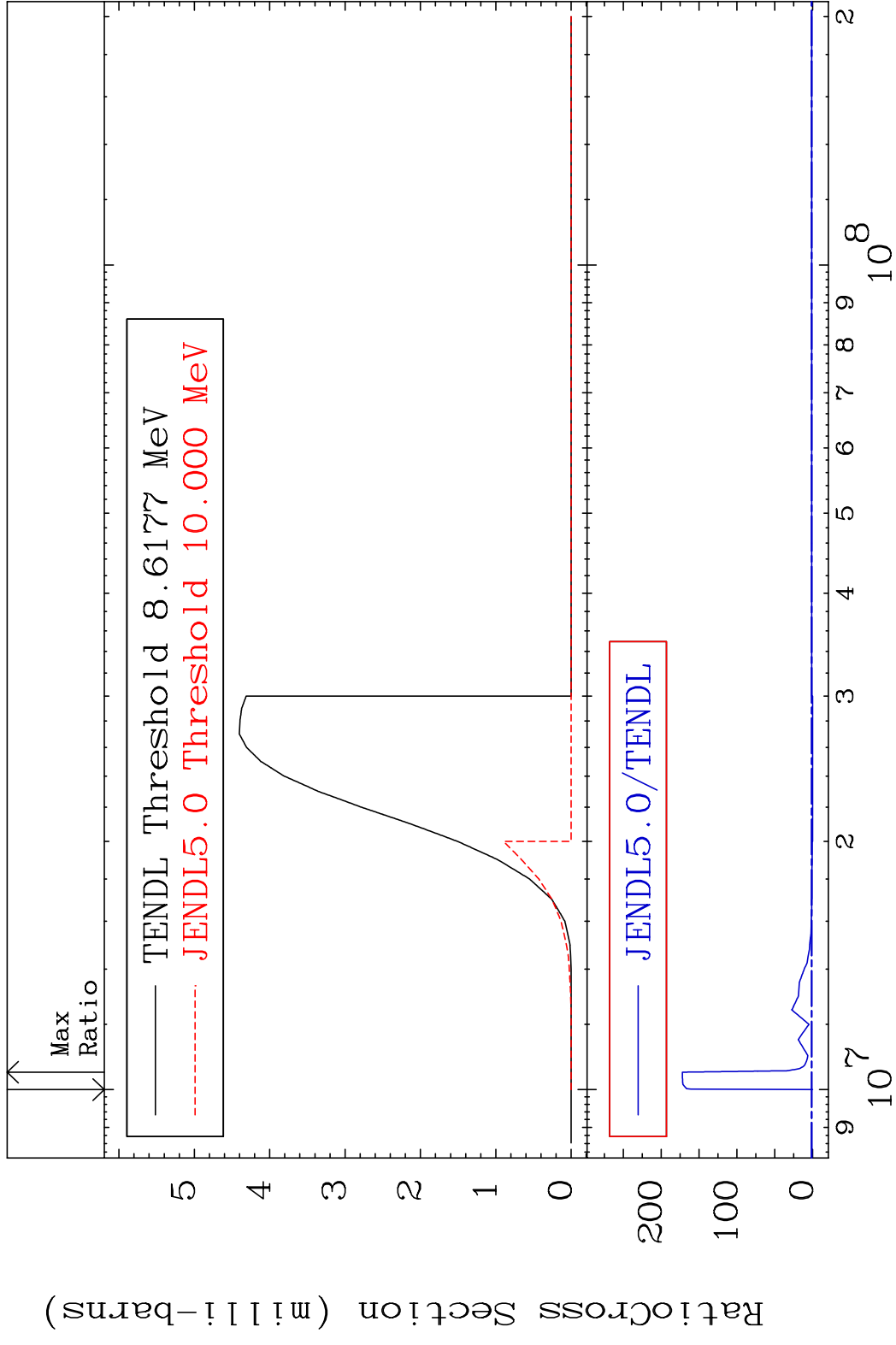


70 Incident Energy (eV) 35-Br-79

MAT 3525 (n, t):34-Se-77g 35-Br-79
 Radionuclide Production Cross Section Ratio 9999. %



MAT 3525 (n, t):34-Se-77m1 35-Br-79
 Radionuclide Production Cross Section Ratio 9999. %



72 Incident Energy (eV) 35-Br-79