

Program Complot
(Version 2021-1)

by

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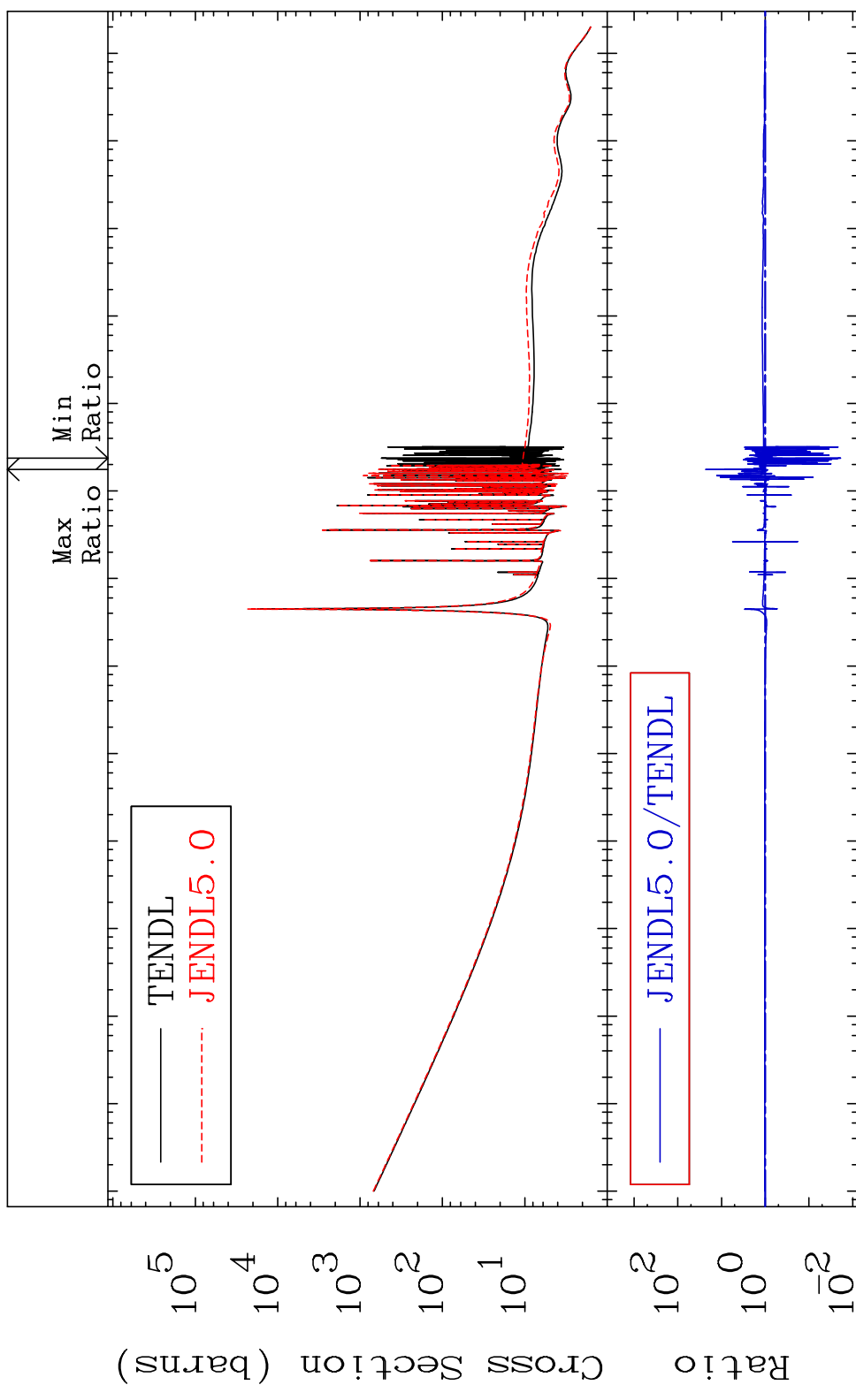
Press Mouse Button to Start

MAT 4234

Total

42-Mo-95

Cross Section -98.10 To 2191. %



1

Incident Energy (eV)

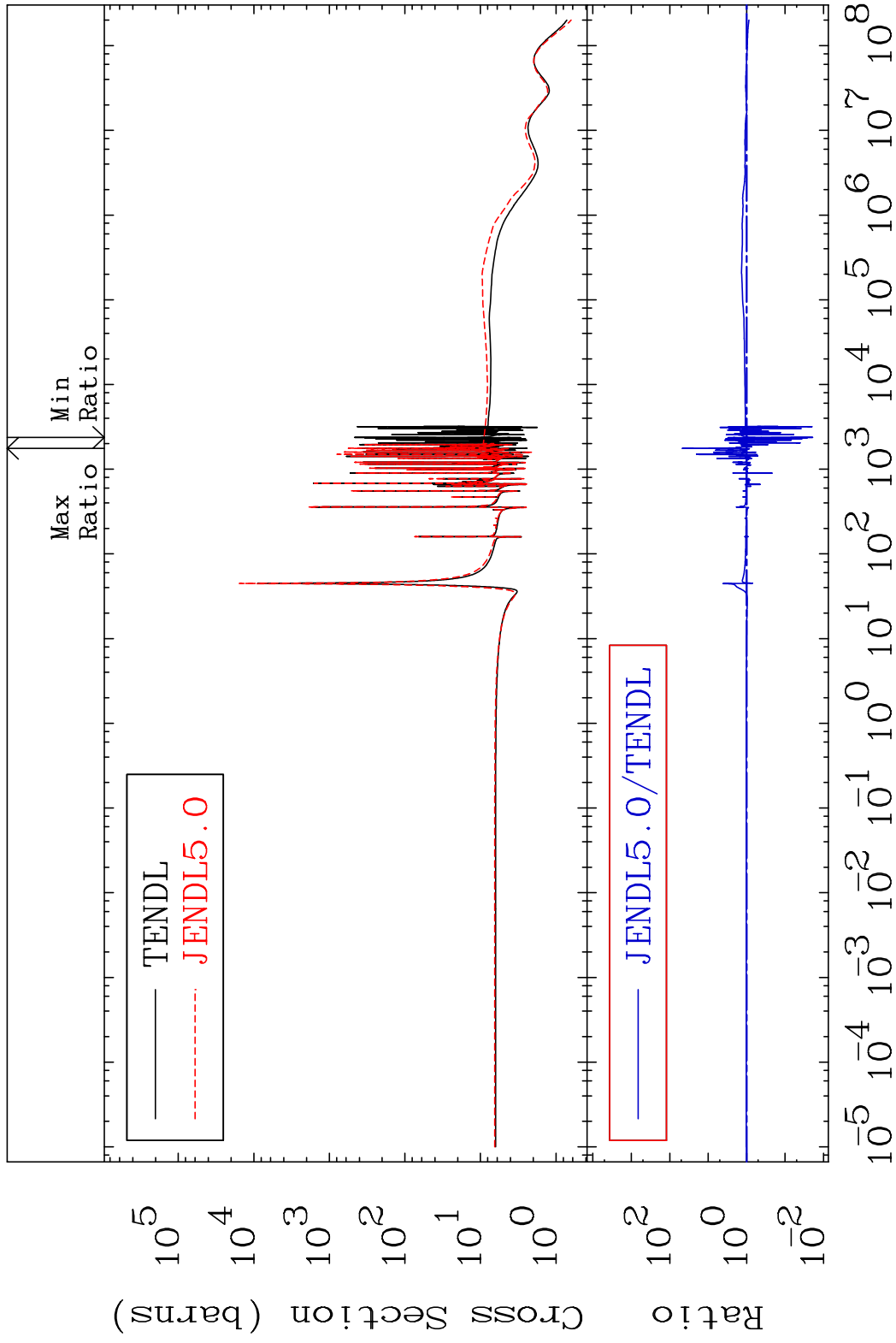
42-Mo-95

MAT 4234

Elastic

42-Mo-95

Cross Section -98.07 To 4599. %



2

Incident Energy (eV)

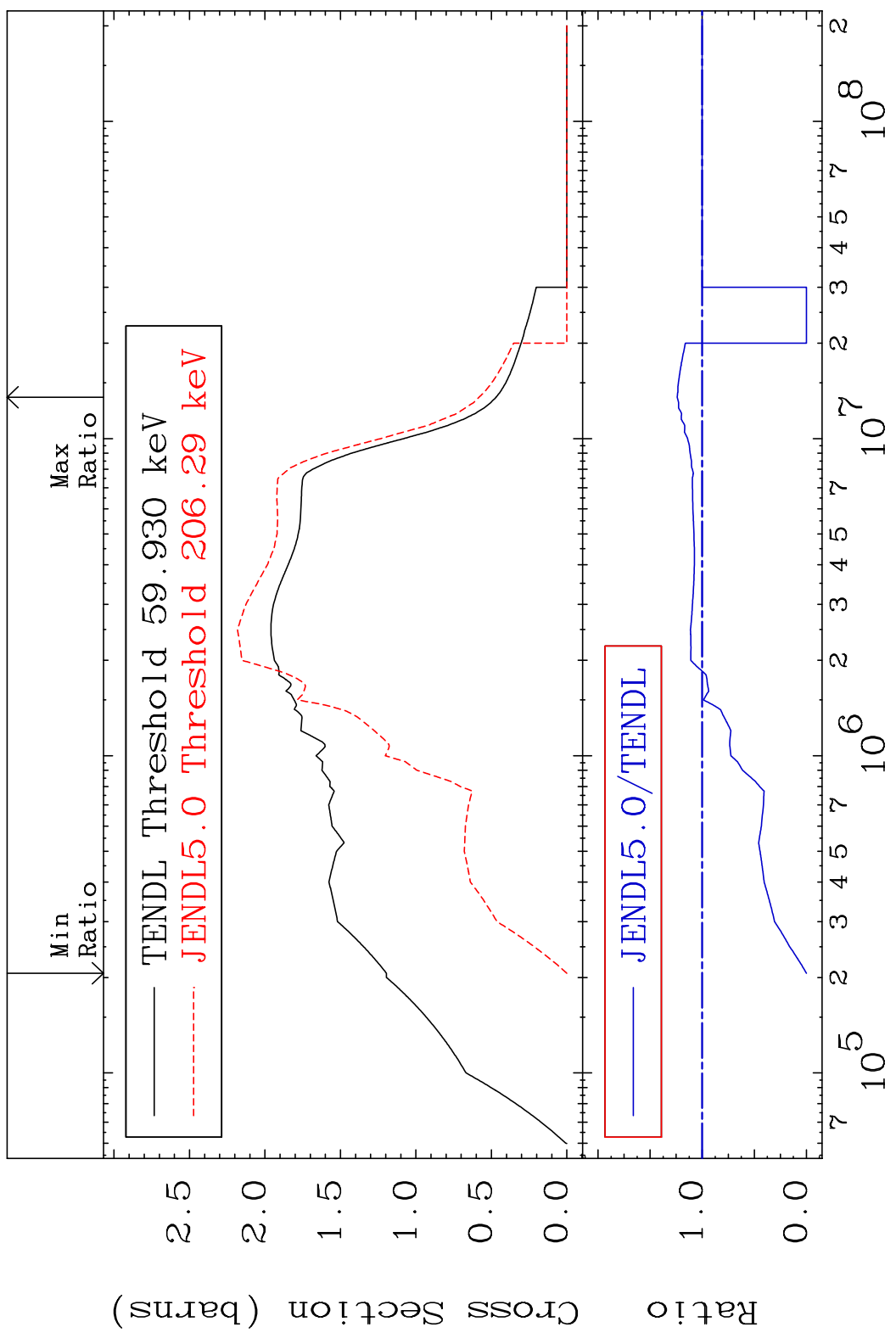
42-Mo-95

MAT 4234

Inelastic

42-Mo-95

Cross Section -100.0 To 24.02 %



3

Incident Energy (eV)

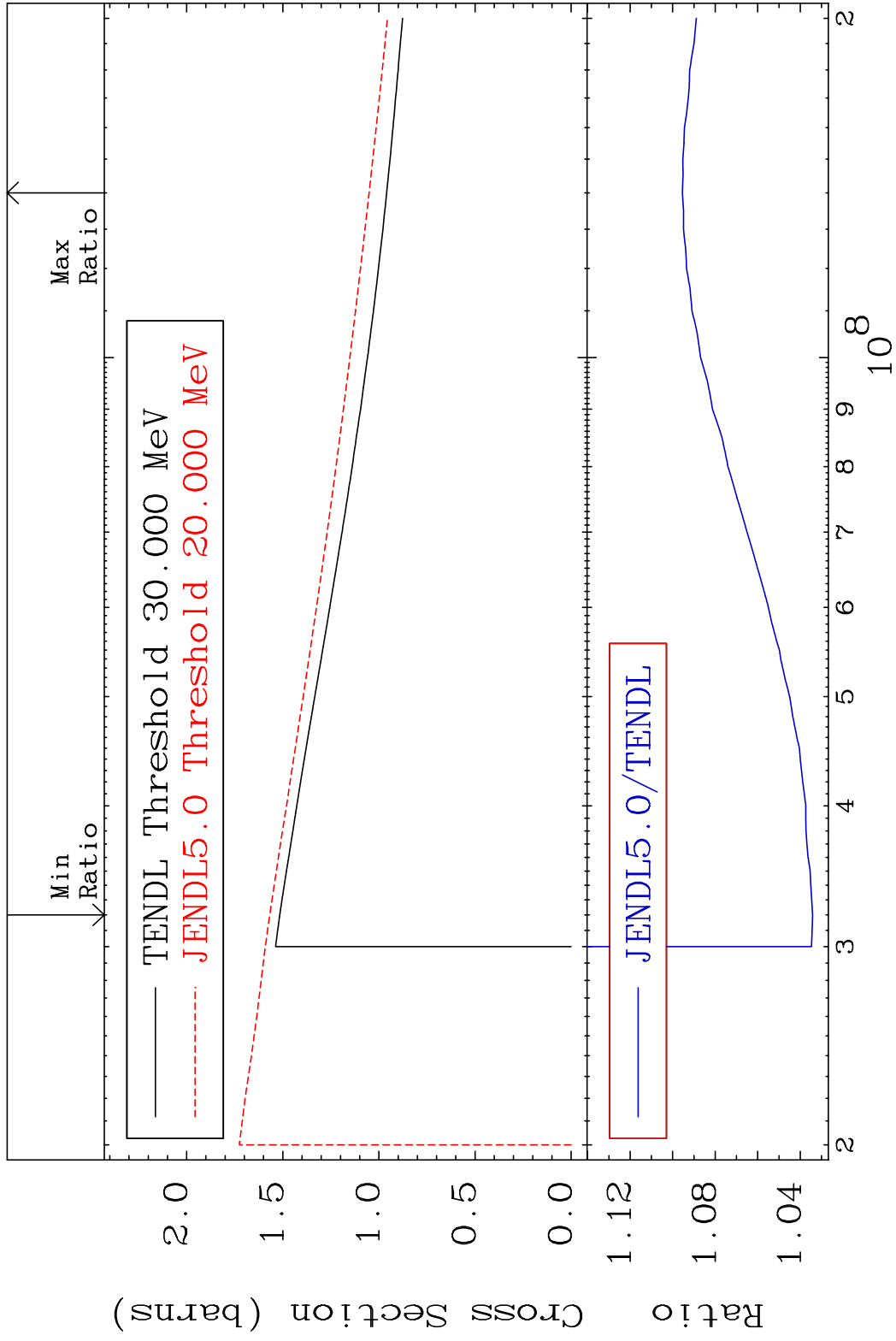
42-Mo-95

MAT 4234

(n, remainder)

42-Mo-95

Cross Section 3.422 To 9.544 %



4

Incident Energy (eV)

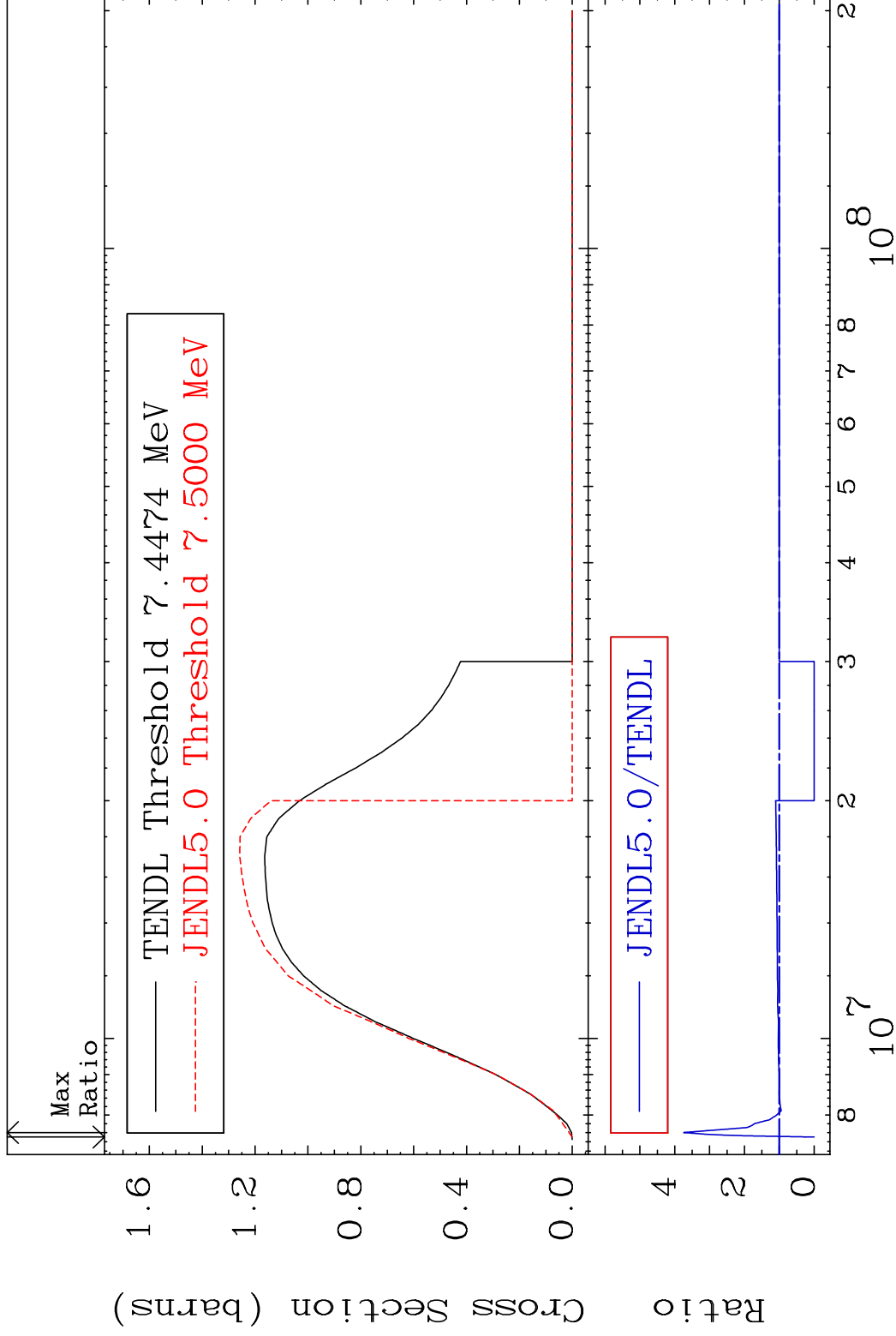
42-Mo-95

MAT 4234

(n,2n)

42-Mo-95

Cross Section -100.0 To 274.5 %

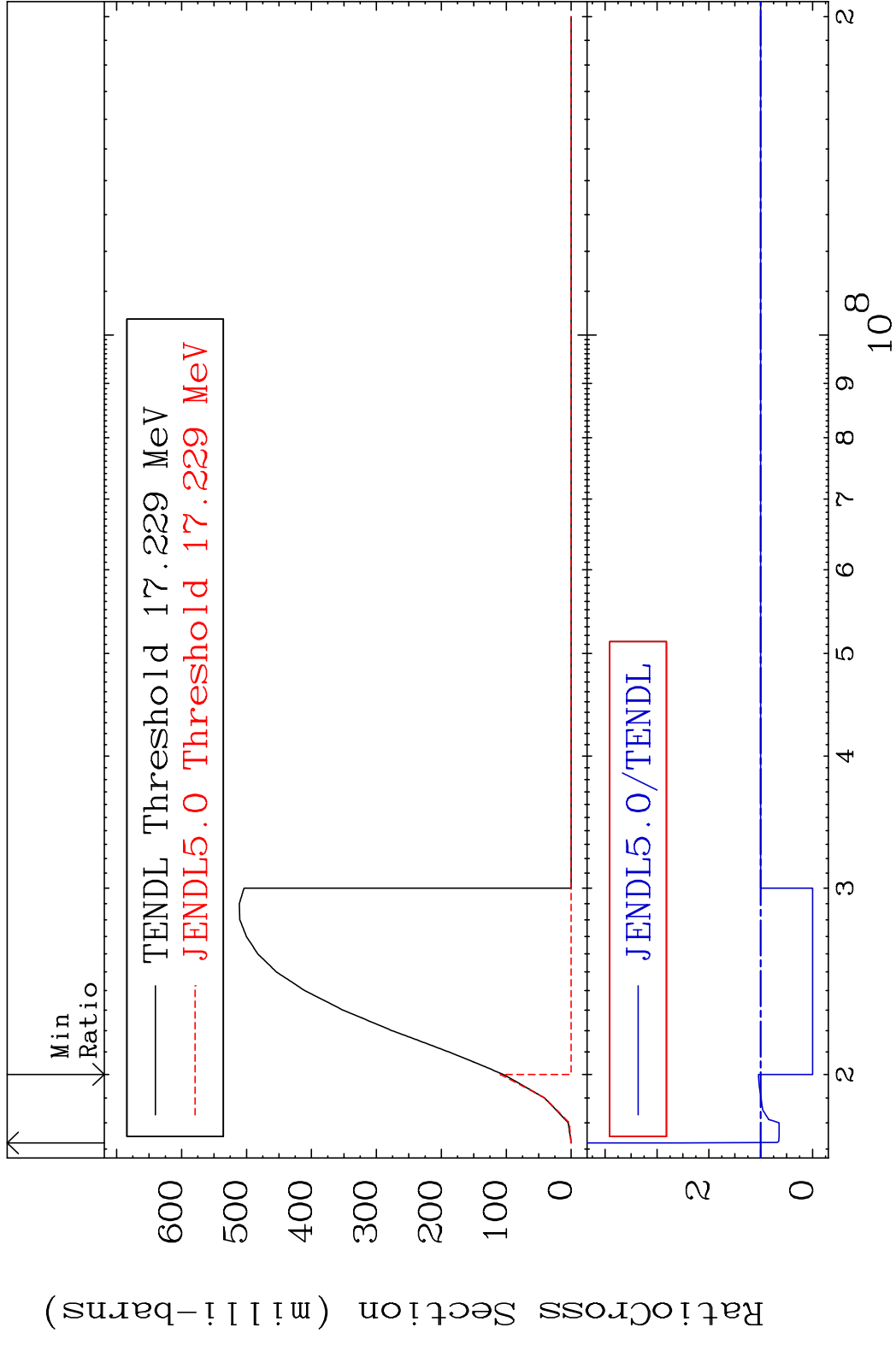


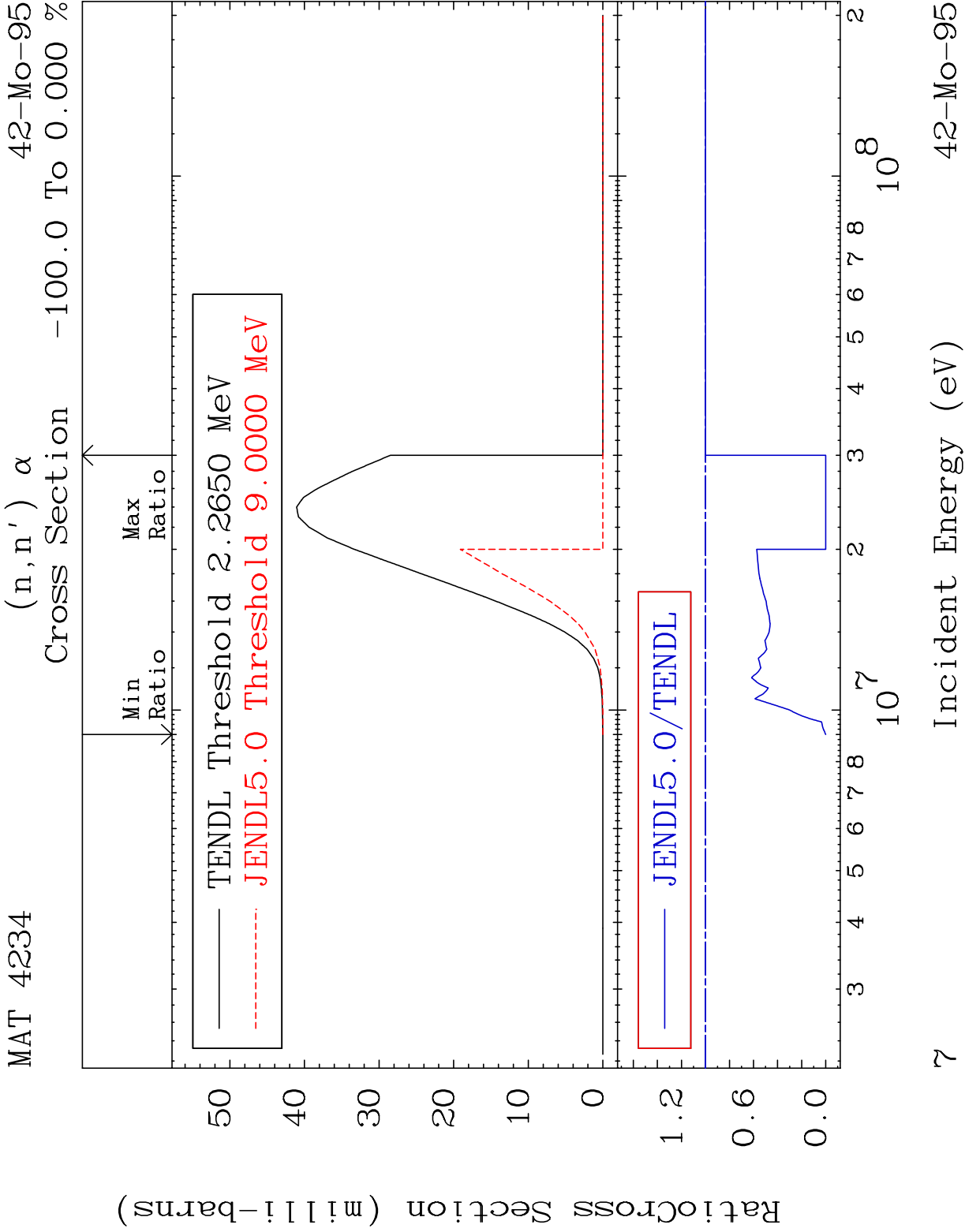
5

Incident Energy (eV)

42-Mo-95

MAT 4234 (n,3n) 42-Mo-95
 Cross Section -100.0 To 151.1 %



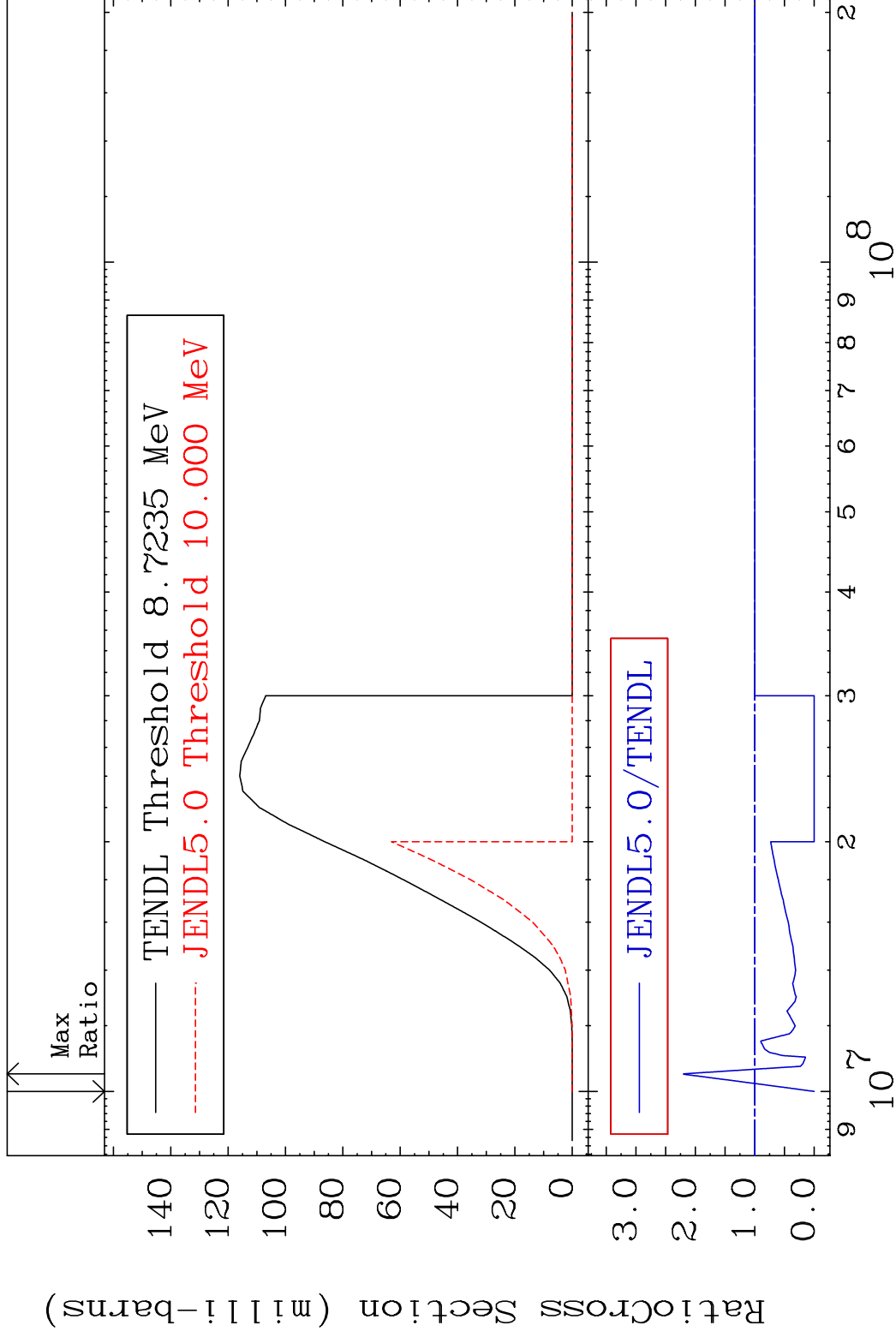


MAT 4234

(n, n') p

42-Mo-95

Cross Section -100.0 To 119.6 %



8

Incident Energy (eV)

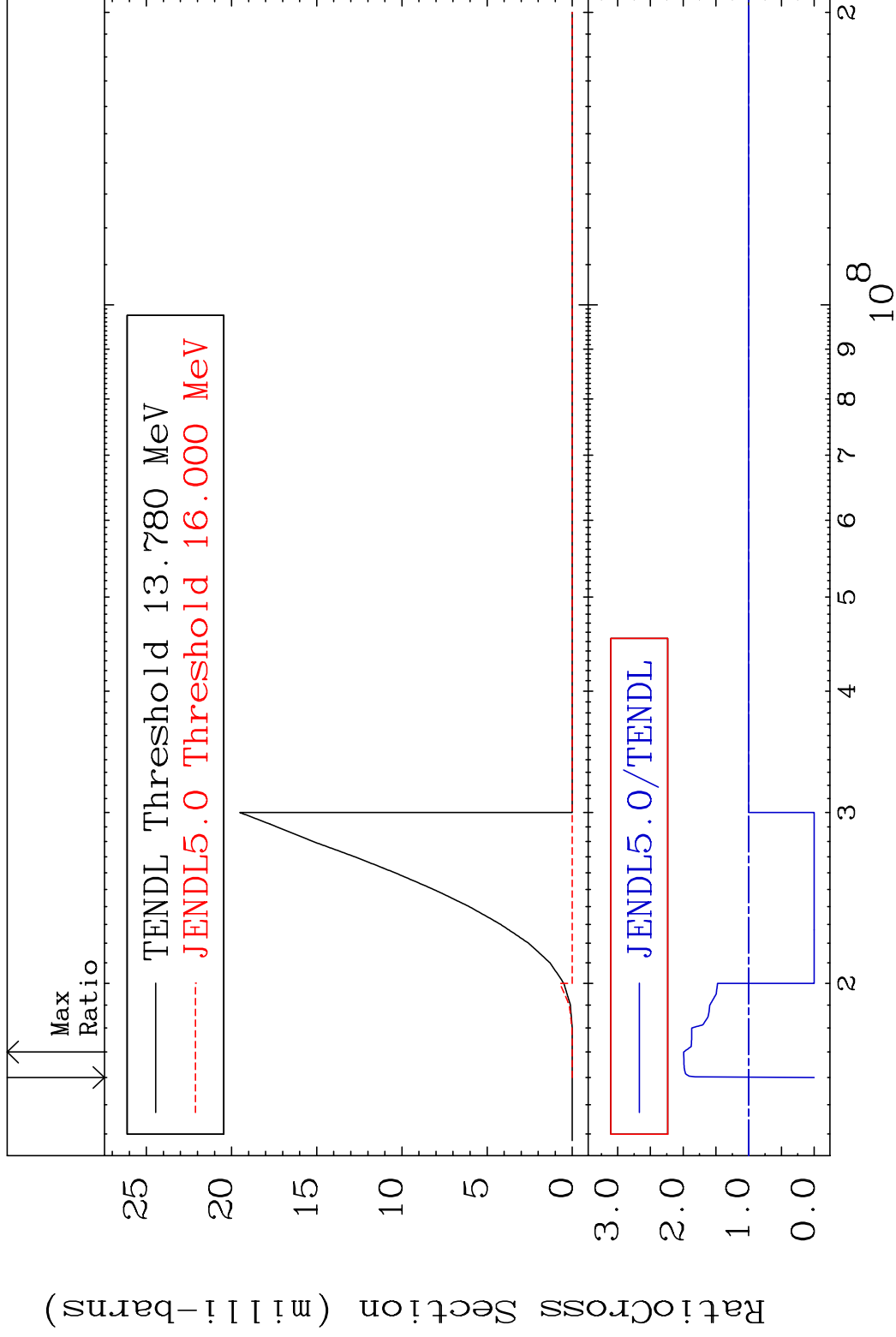
42-Mo-95

MAT 4234

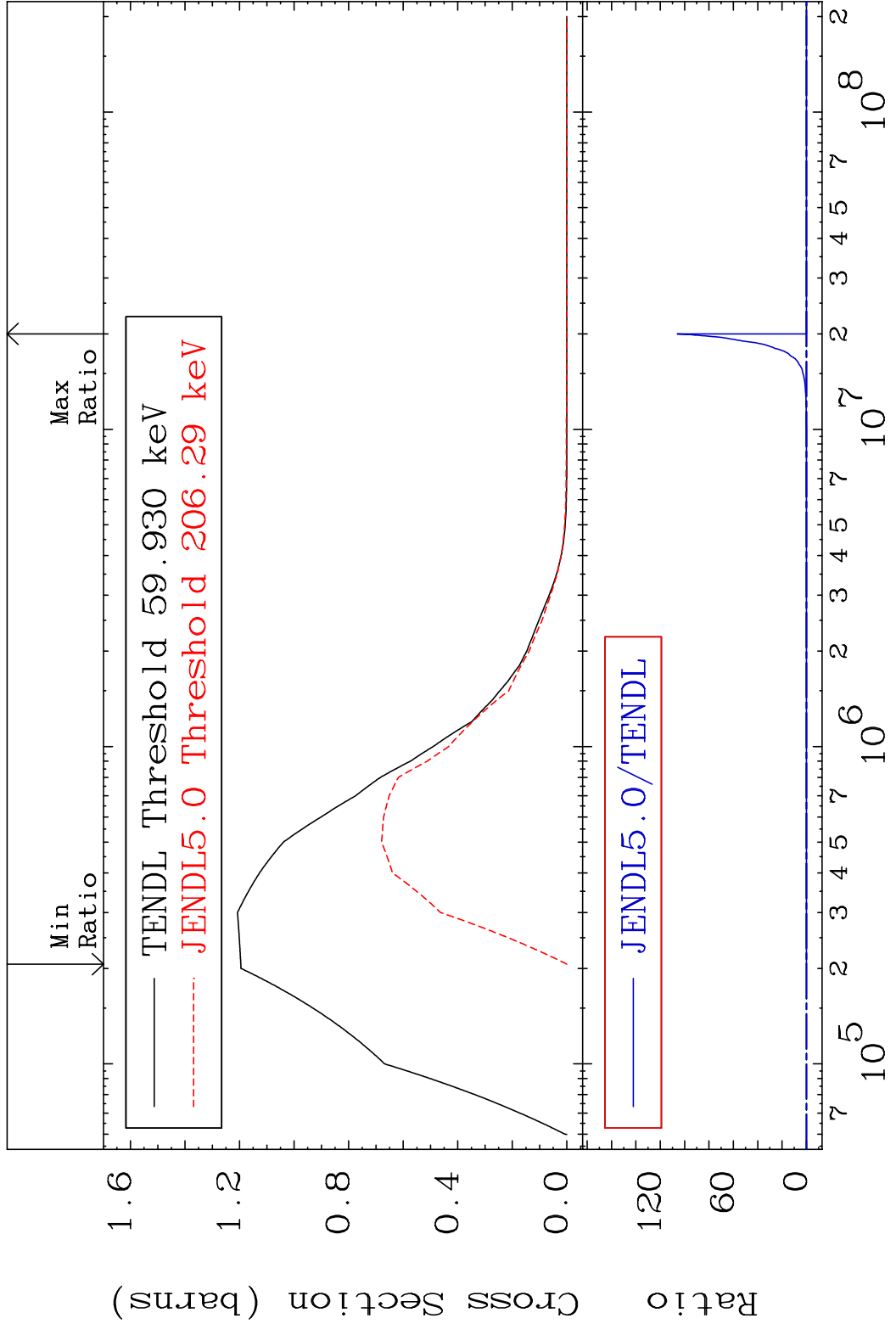
(n, n') d

42-Mo-95

Cross Section -100.0 To 99.25 %

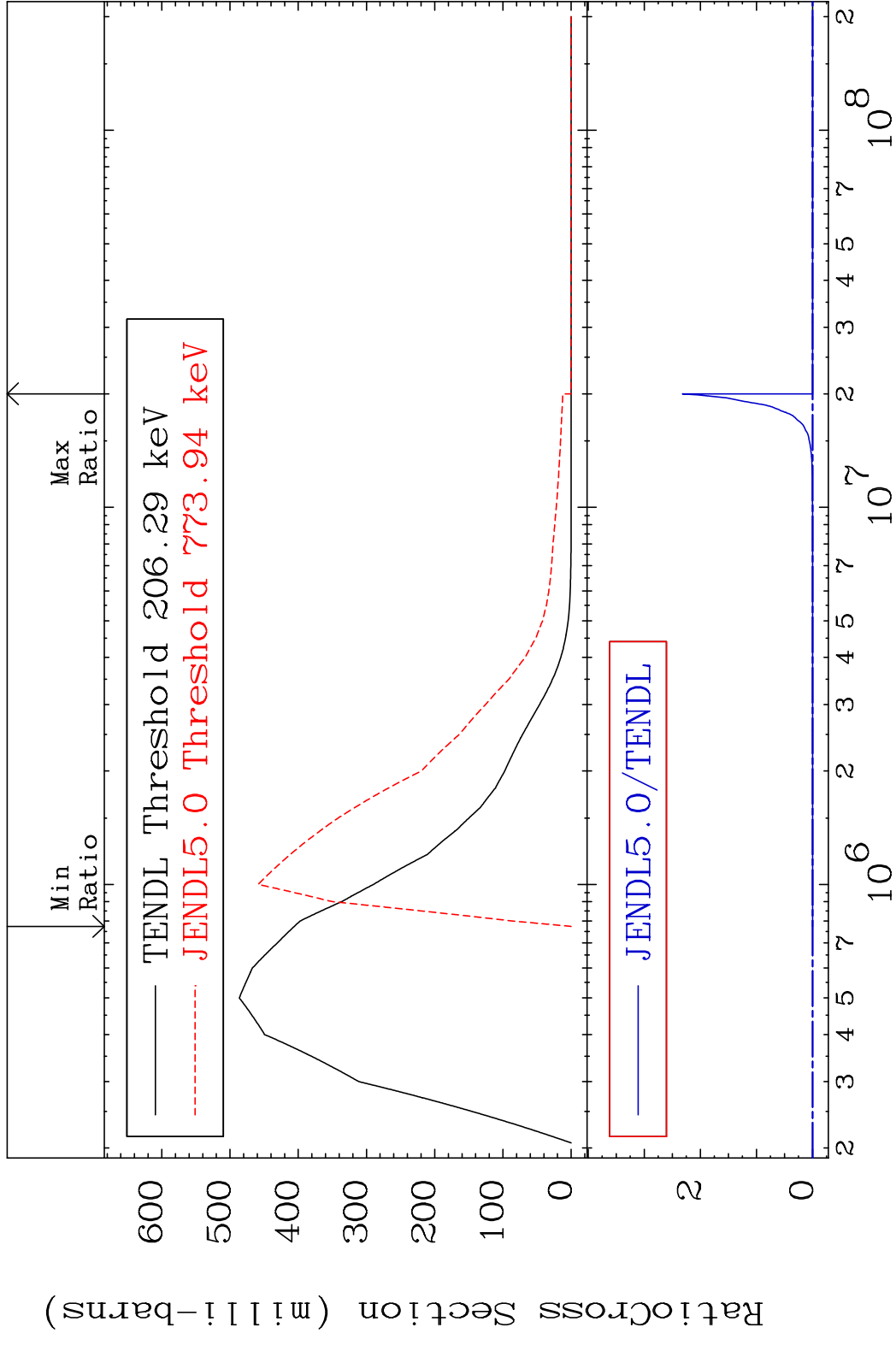


MAT 4234 MT= 51 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %

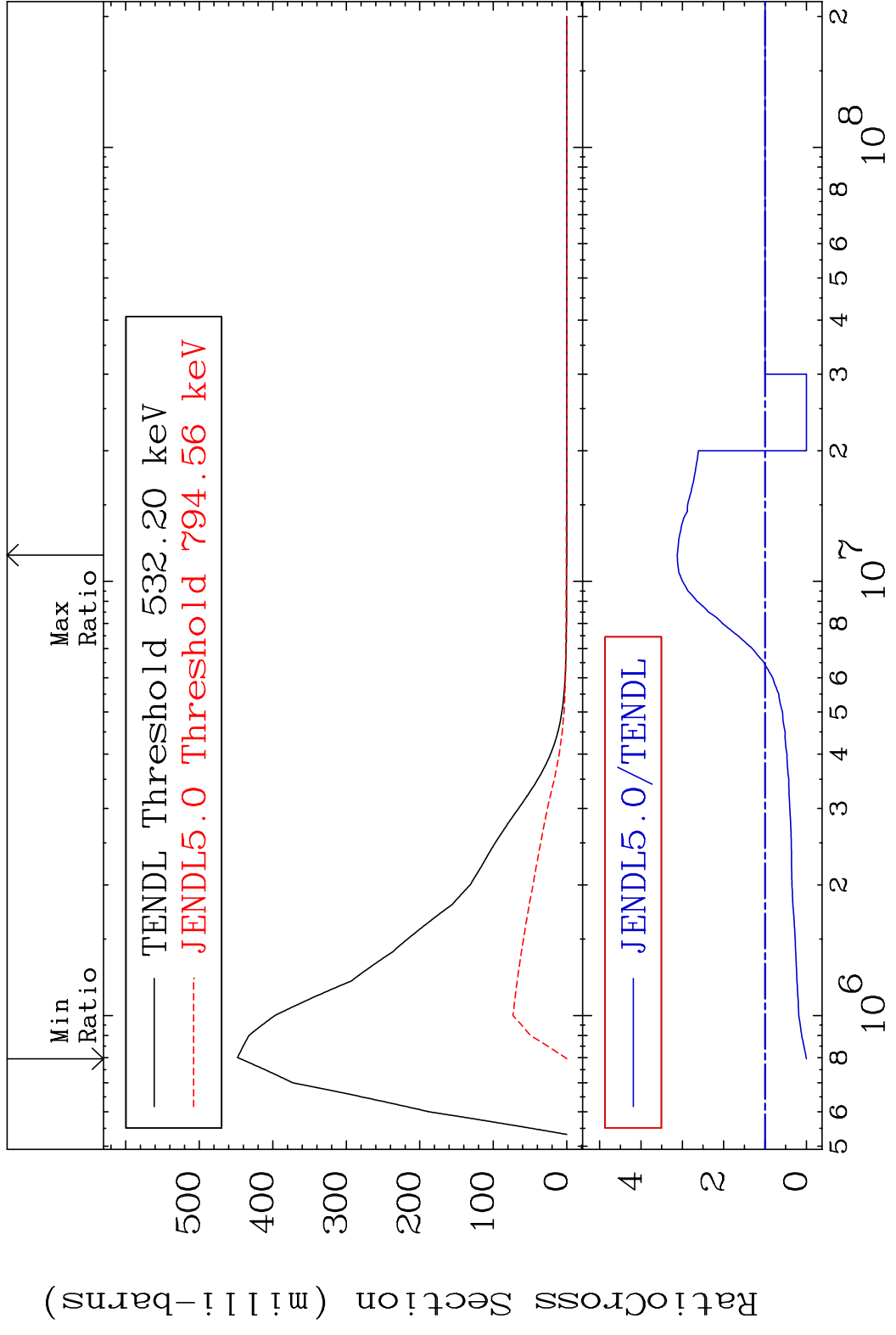


10 Incident Energy (eV) 42-Mo-95

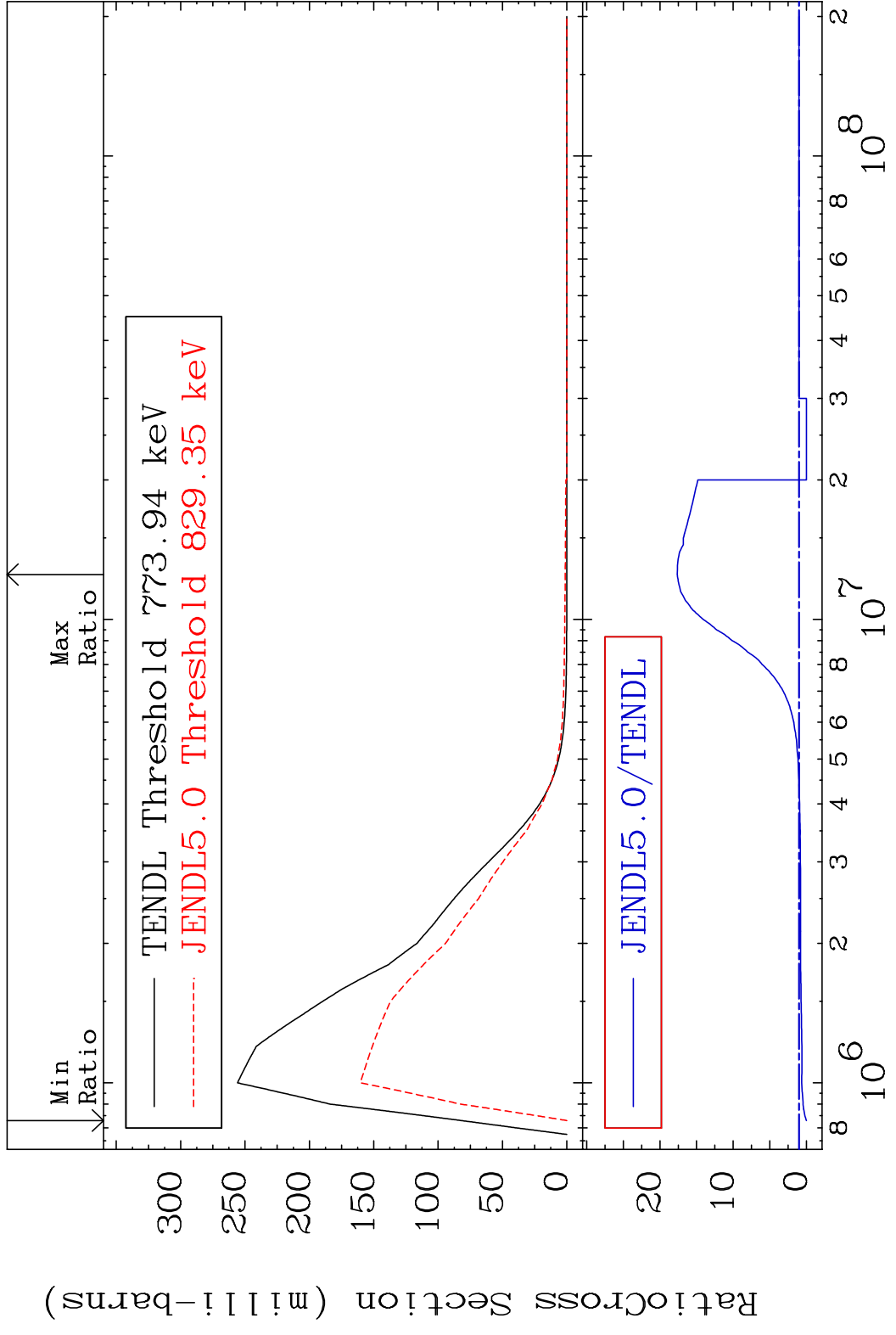
MAT 4234 MT= 52 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



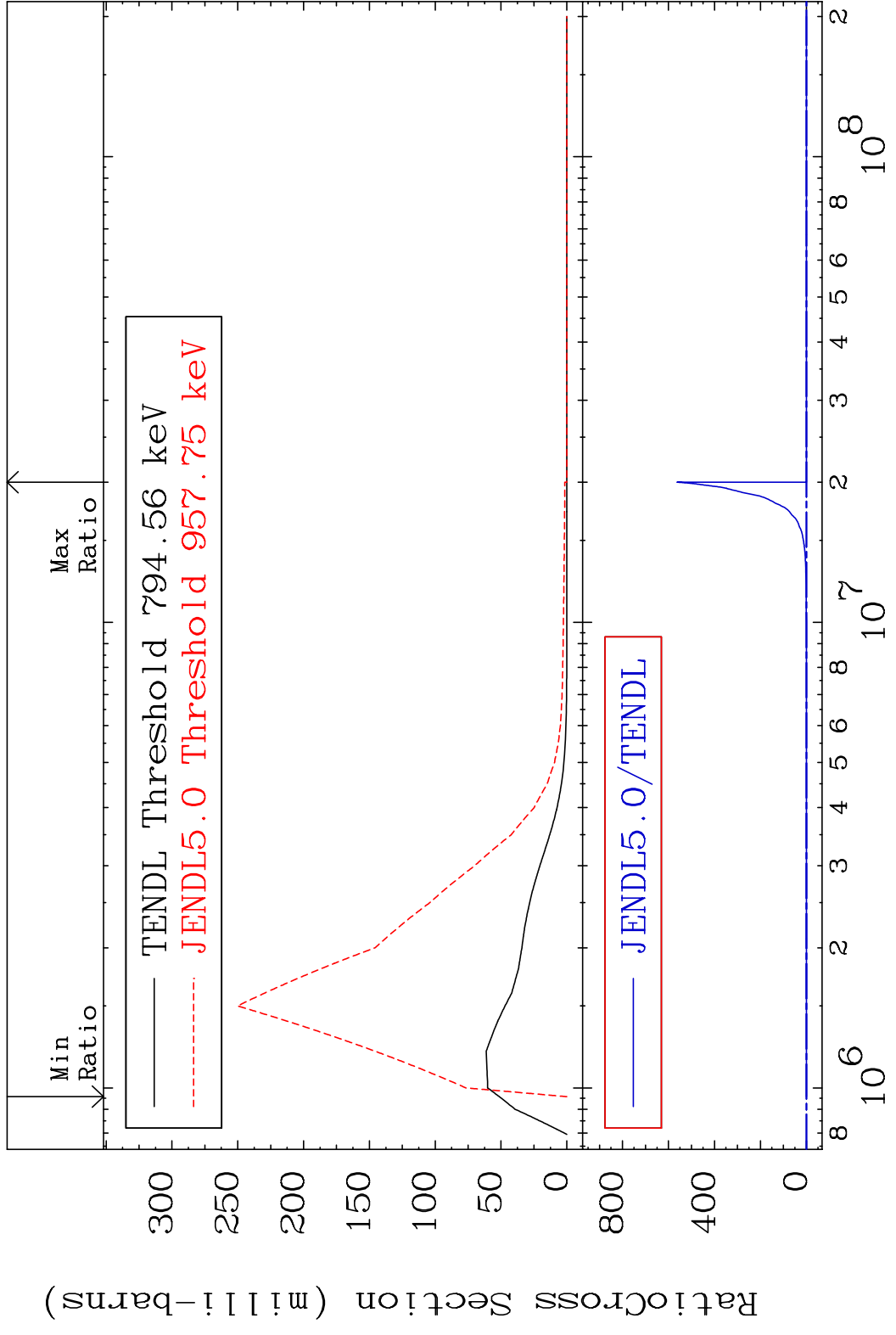
MAT 4234 MT= 53 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 212.5 %



MAT 4234 MT= 54 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 1665. %

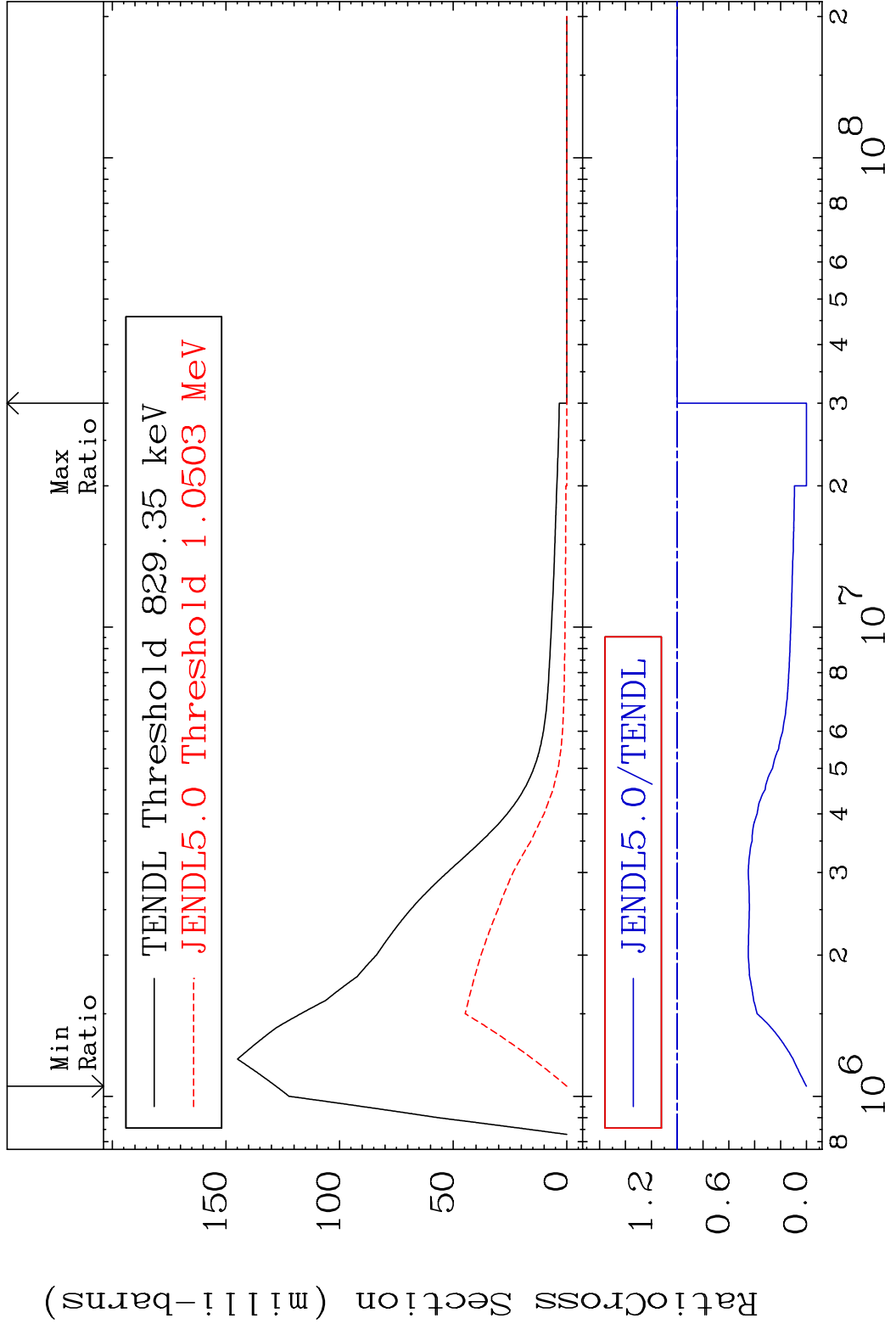


MAT 4234 MT= 55 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



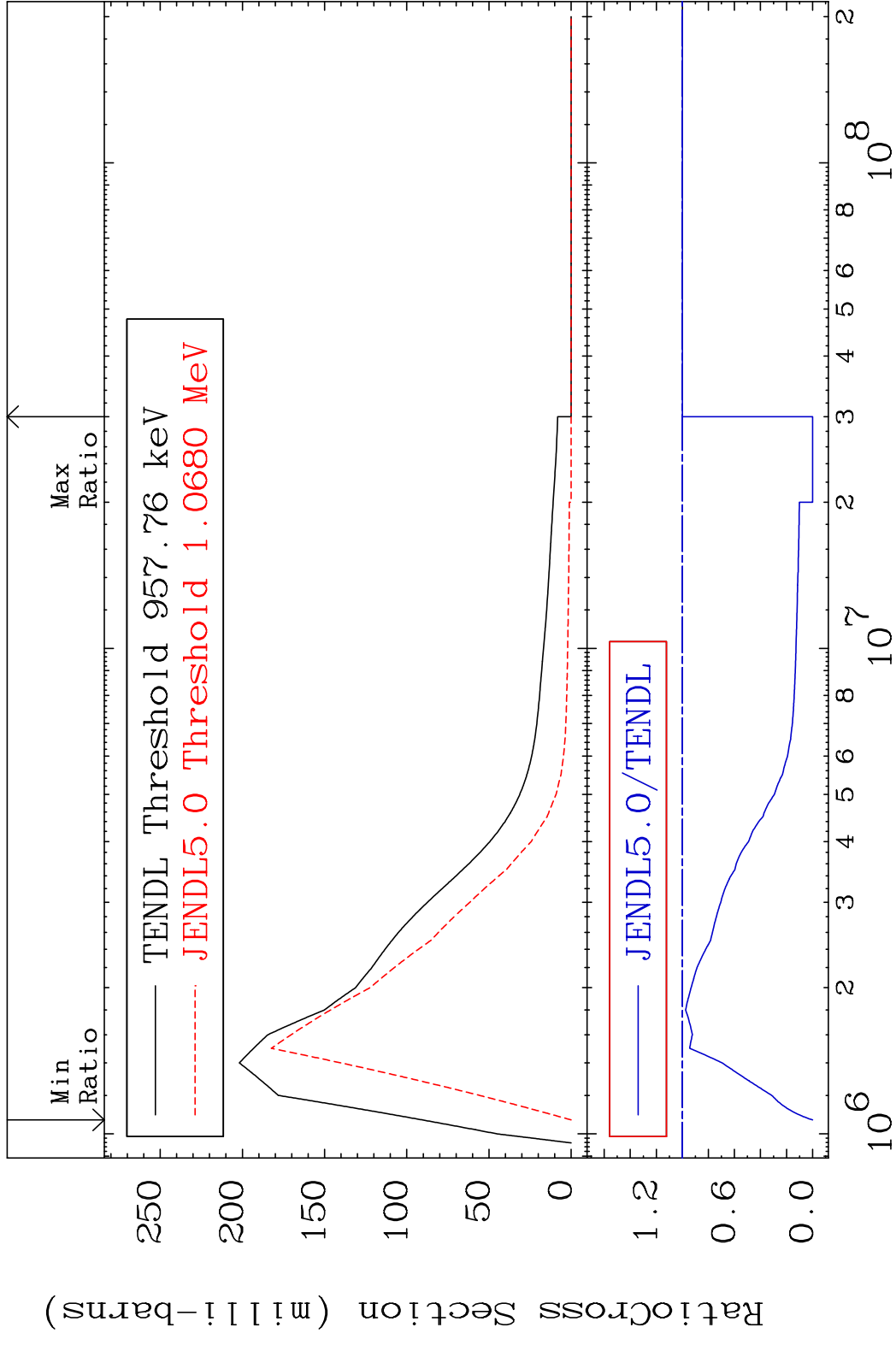
14 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 56 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 0.000 %



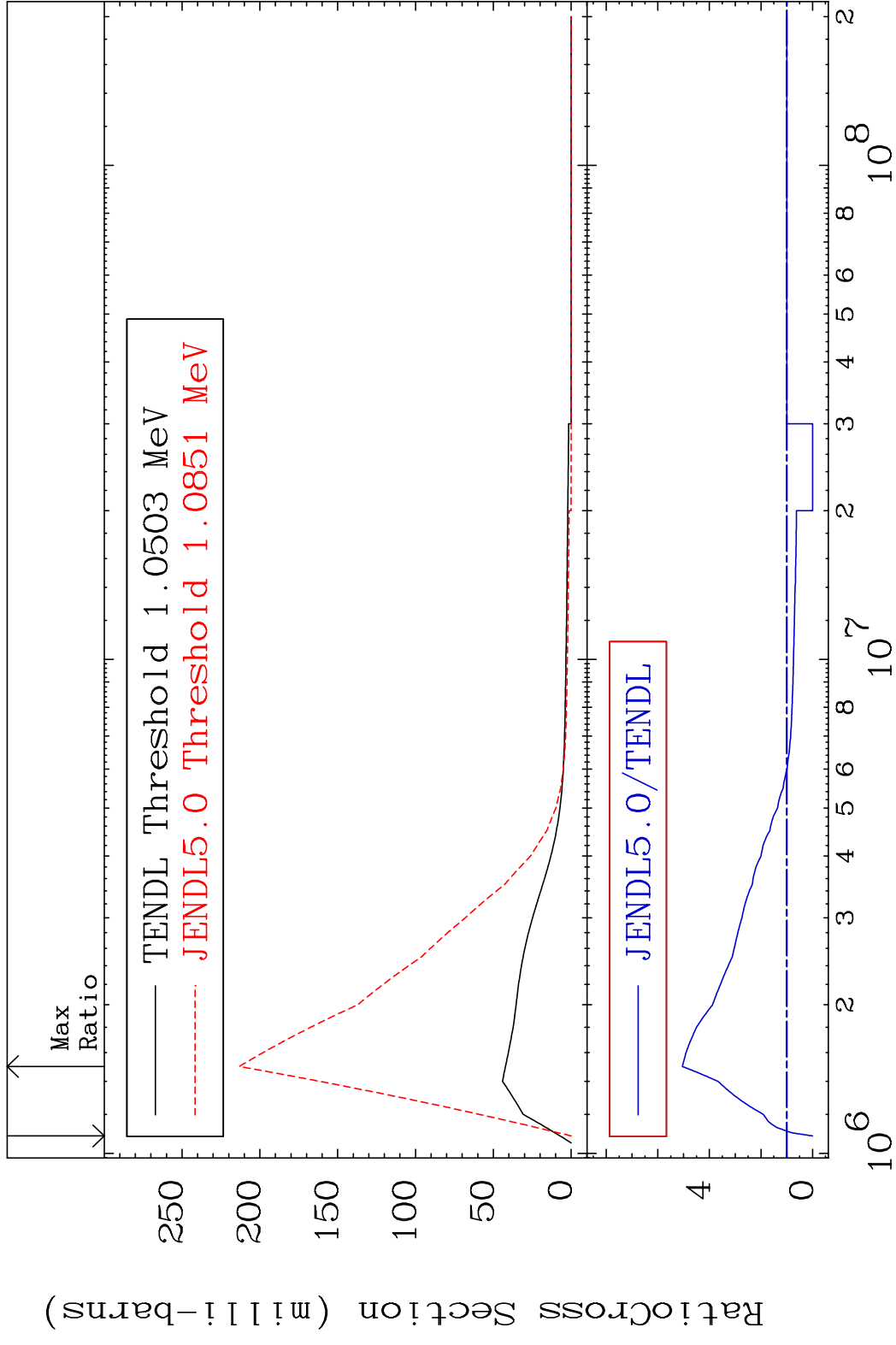
15 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 57 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 0.000 %



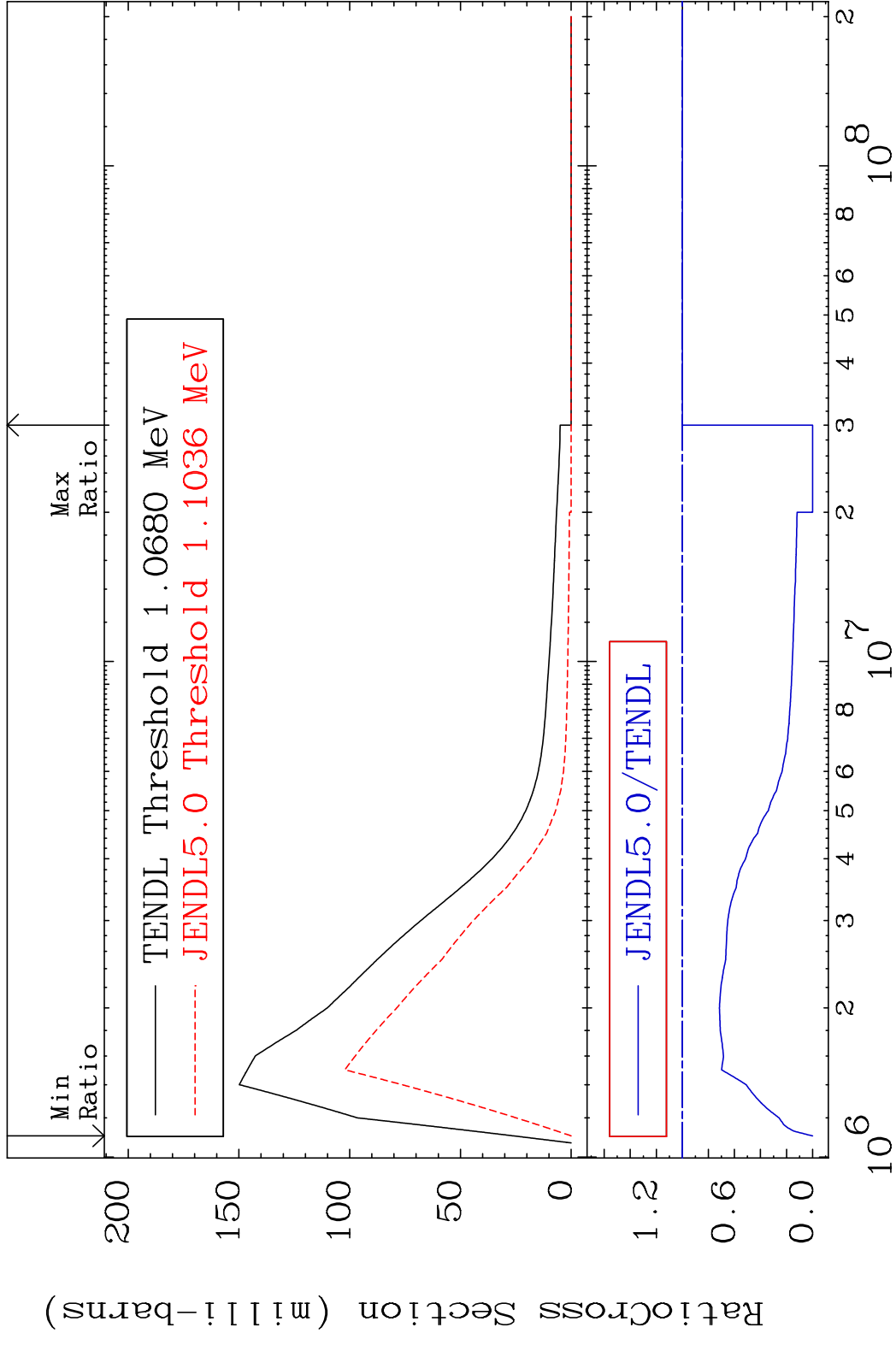
16 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 58 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 404.8 %



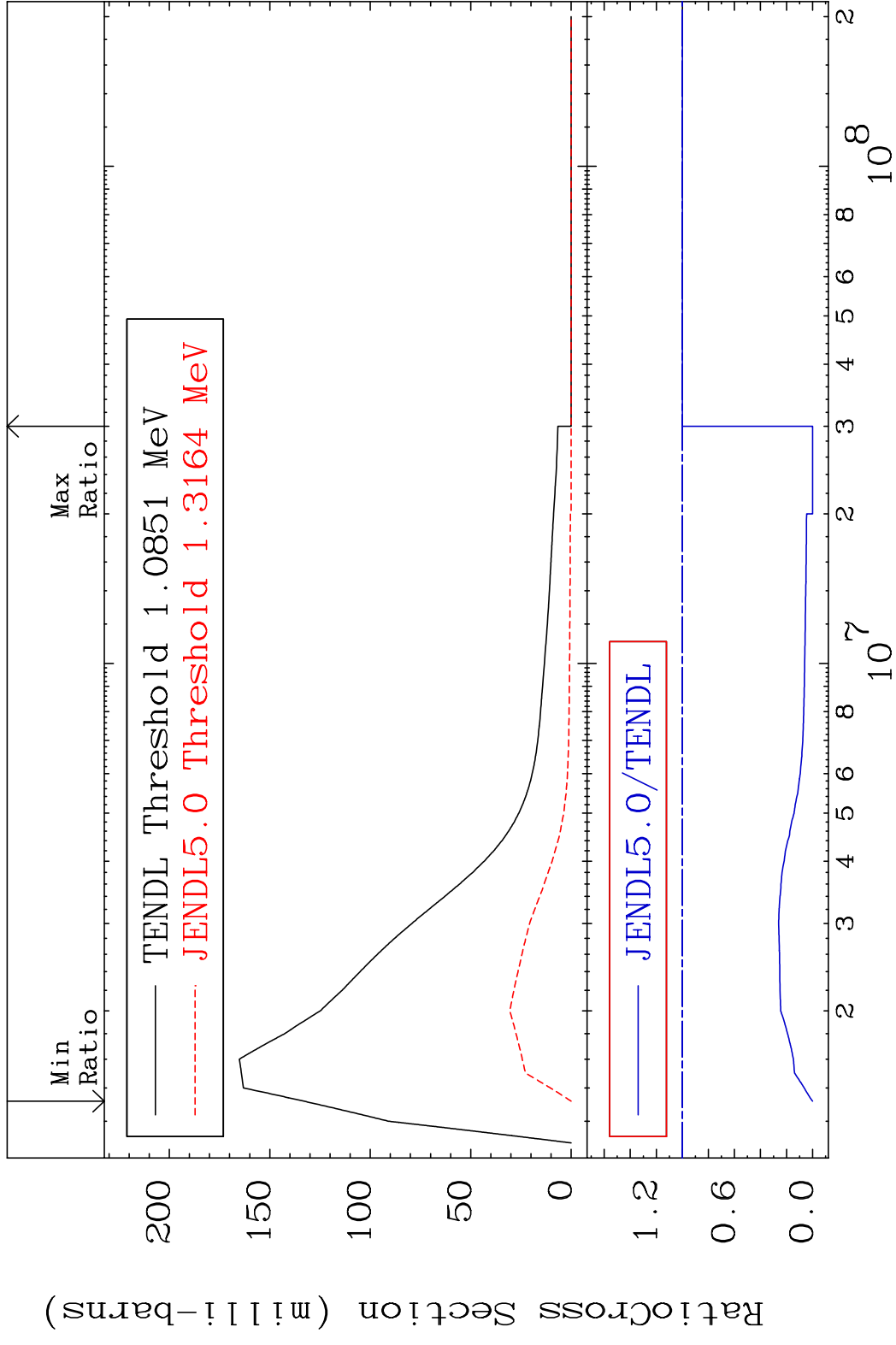
17 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 59 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 0.000 %

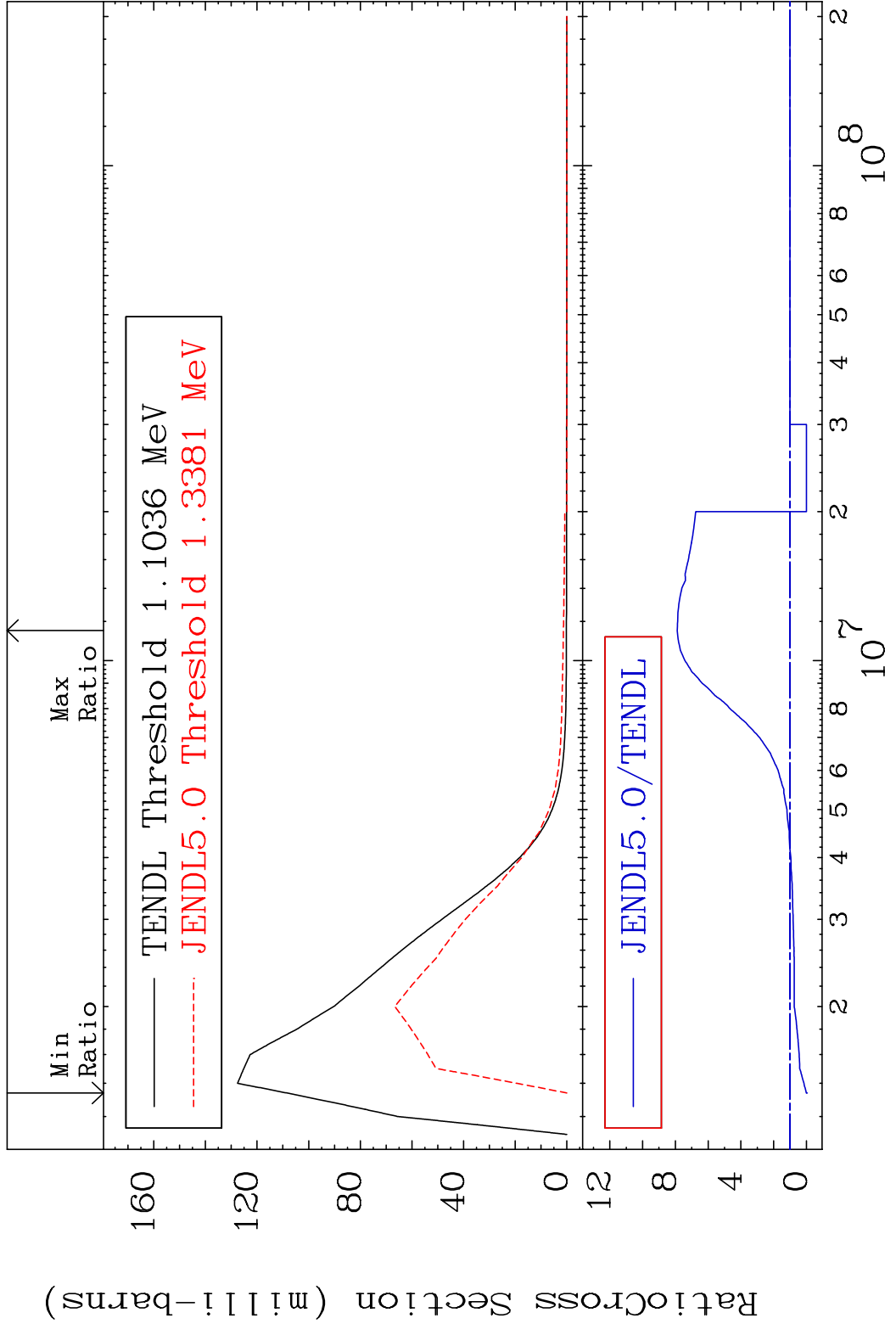


18 Incident Energy (eV) 42-Mo-95

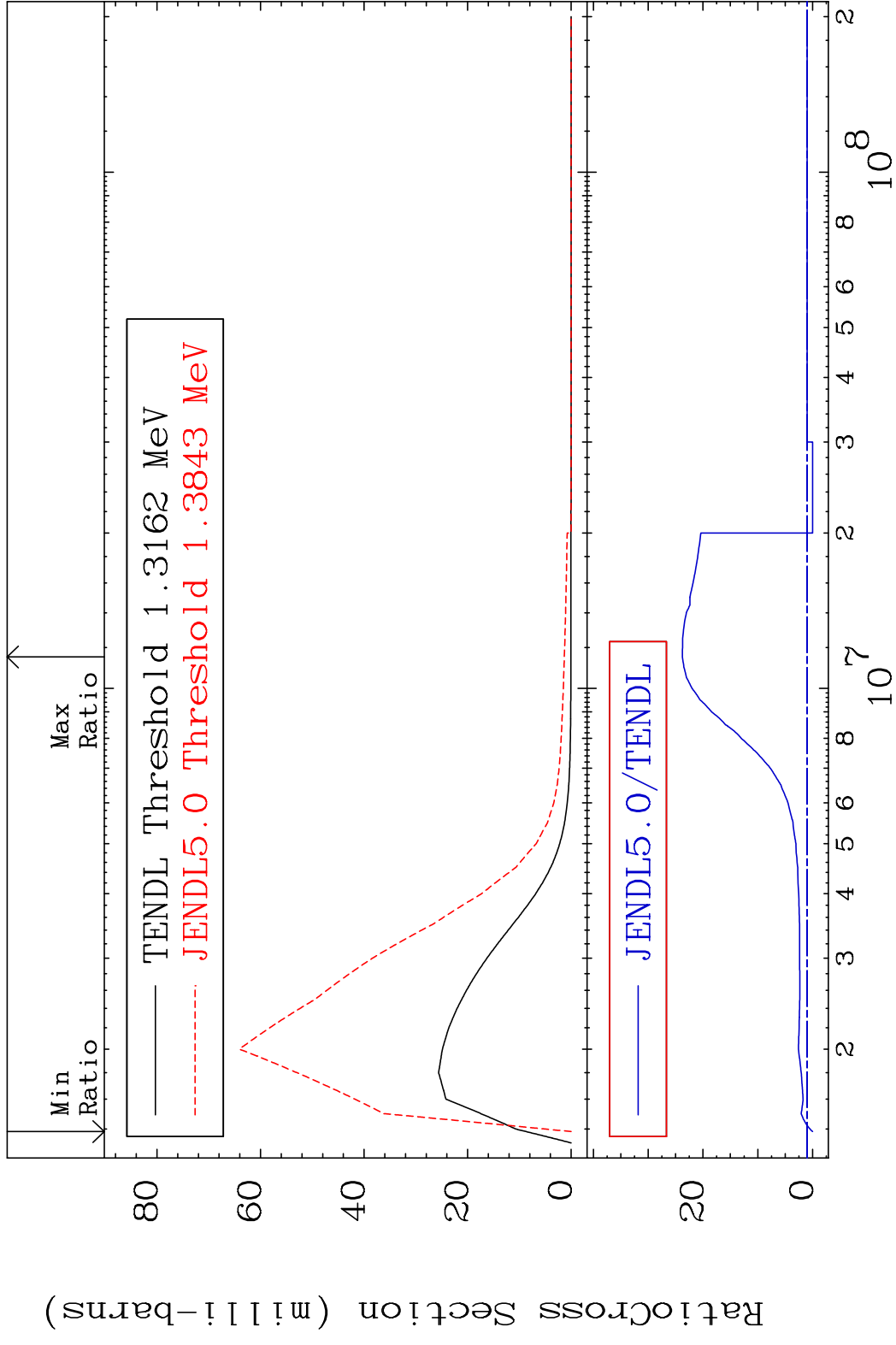
MAT 4234 MT= 60 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 0.000 %



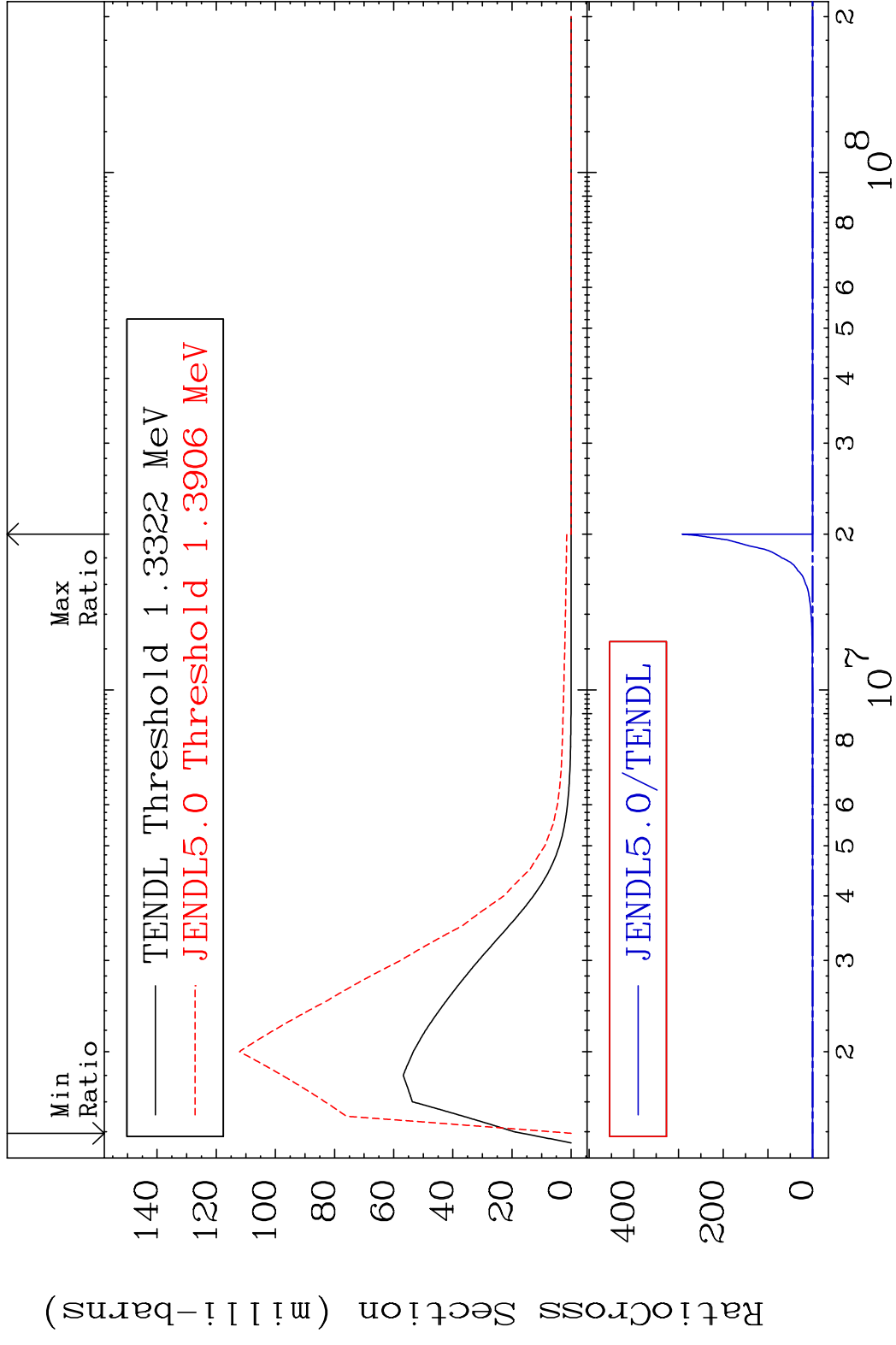
MAT 4234 MT= 61 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 688.9 %



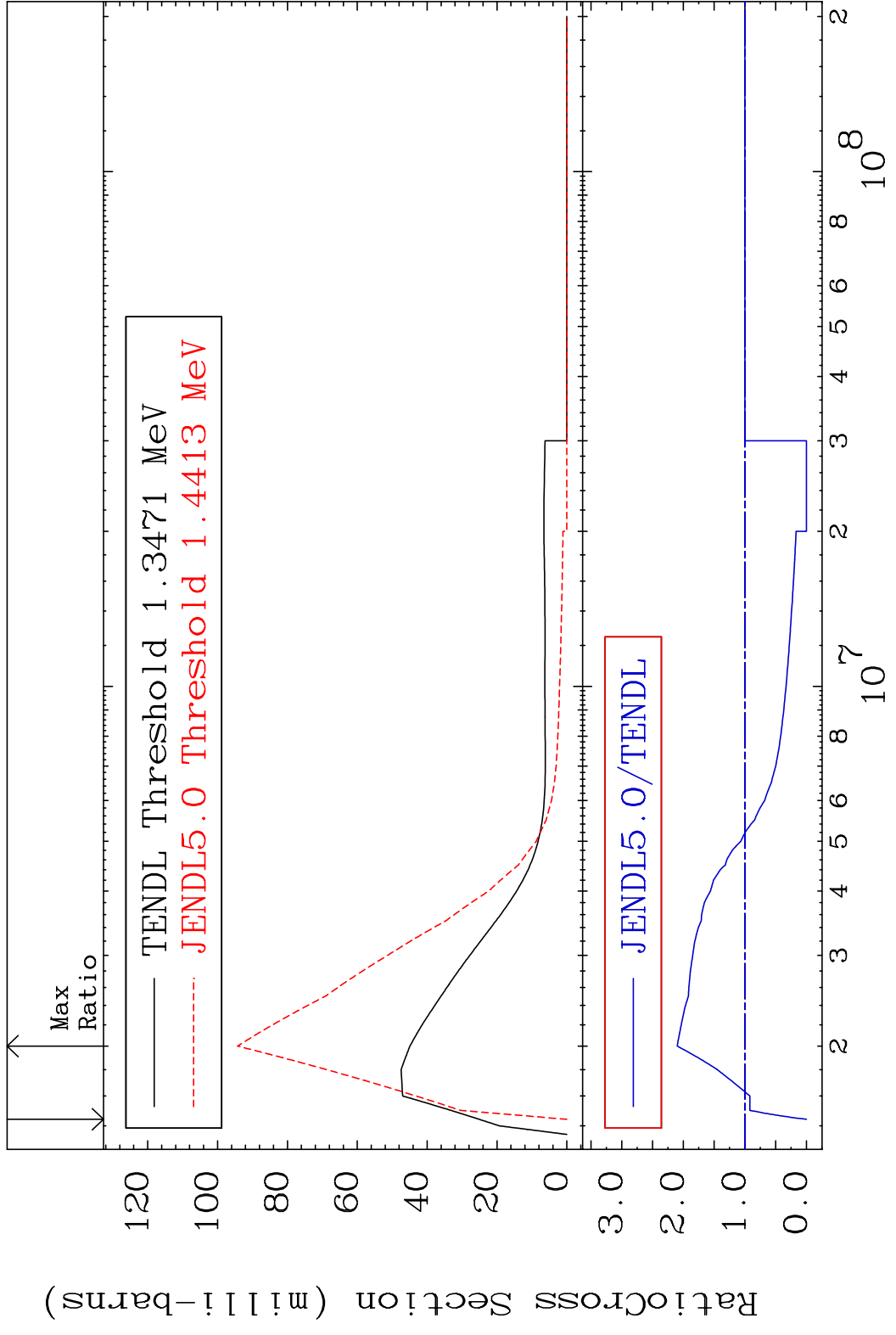
MAT 4234 MT= 62 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 2277. %



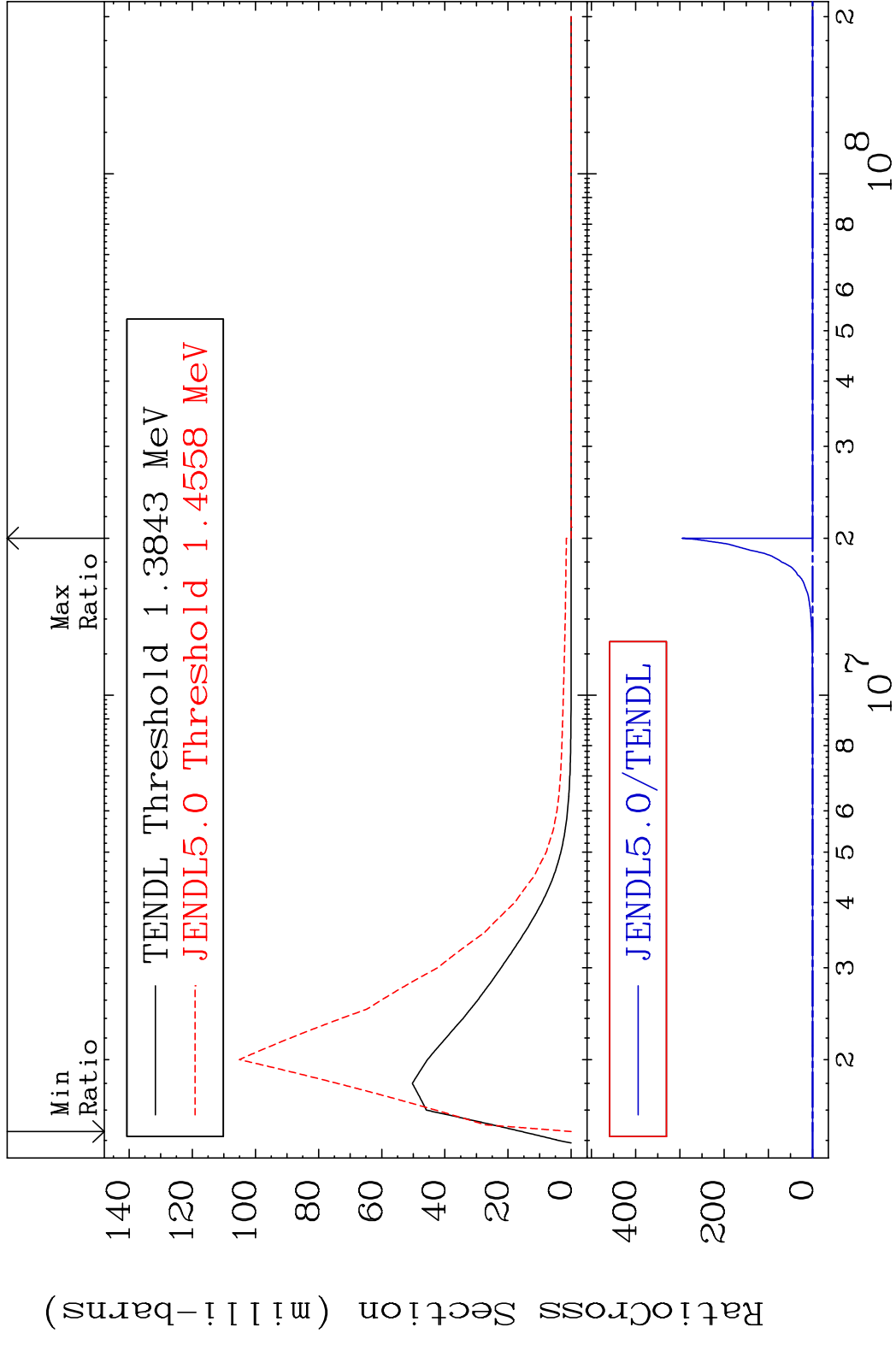
MAT 4234 MT= 63 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



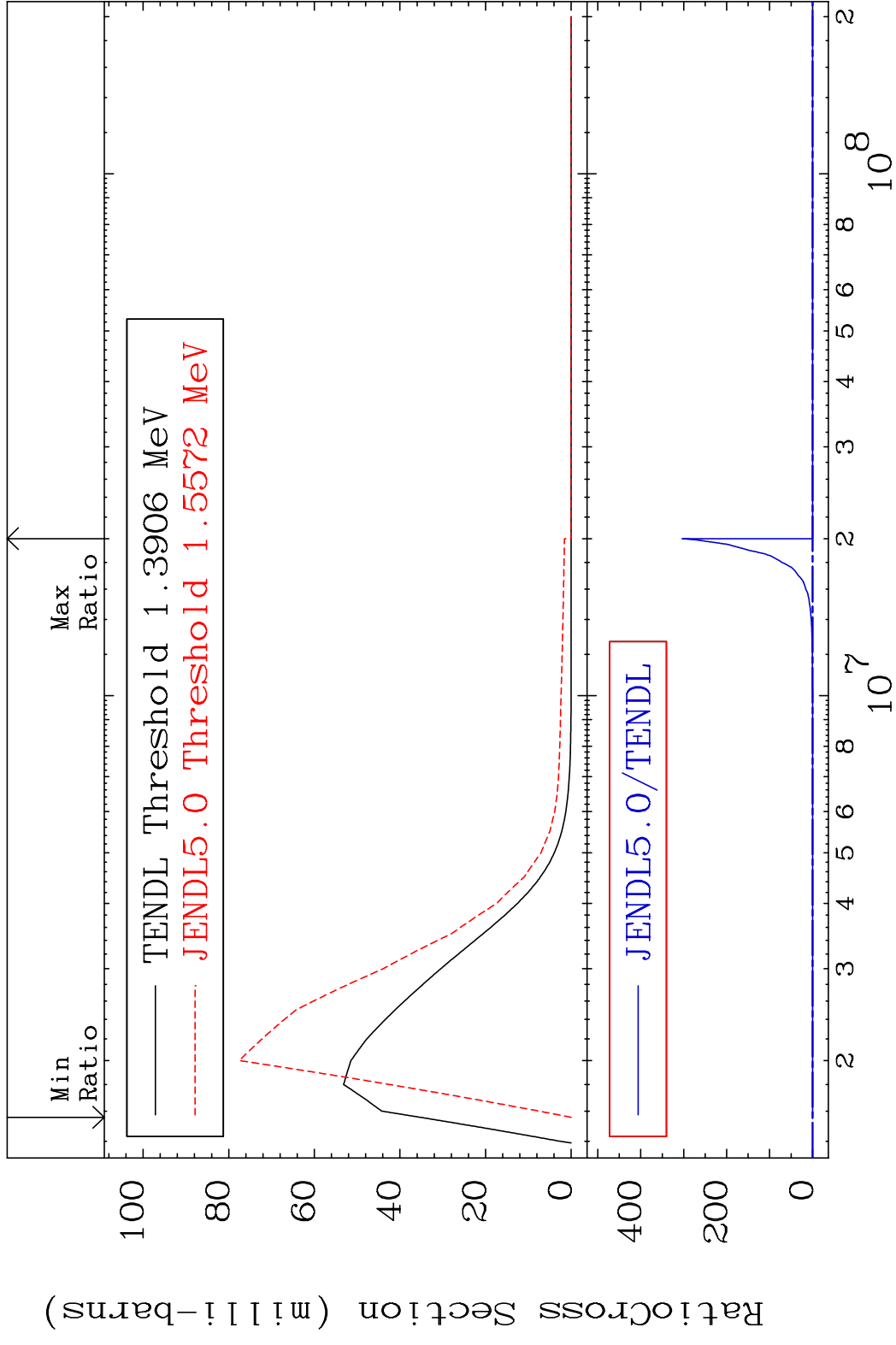
MAT 4234 MT= 64 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 109.9 %



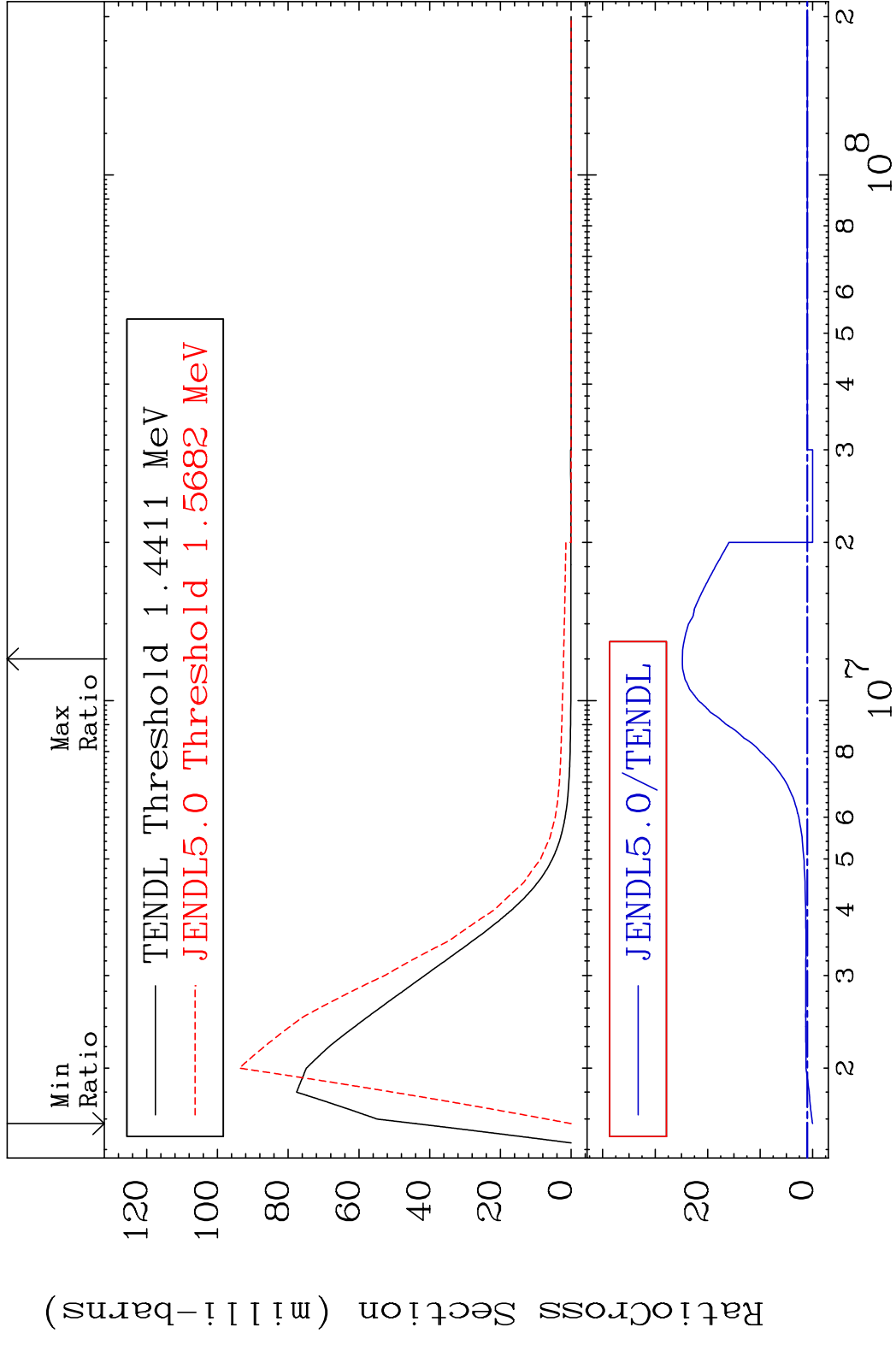
MAT 4234 MT= 65 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



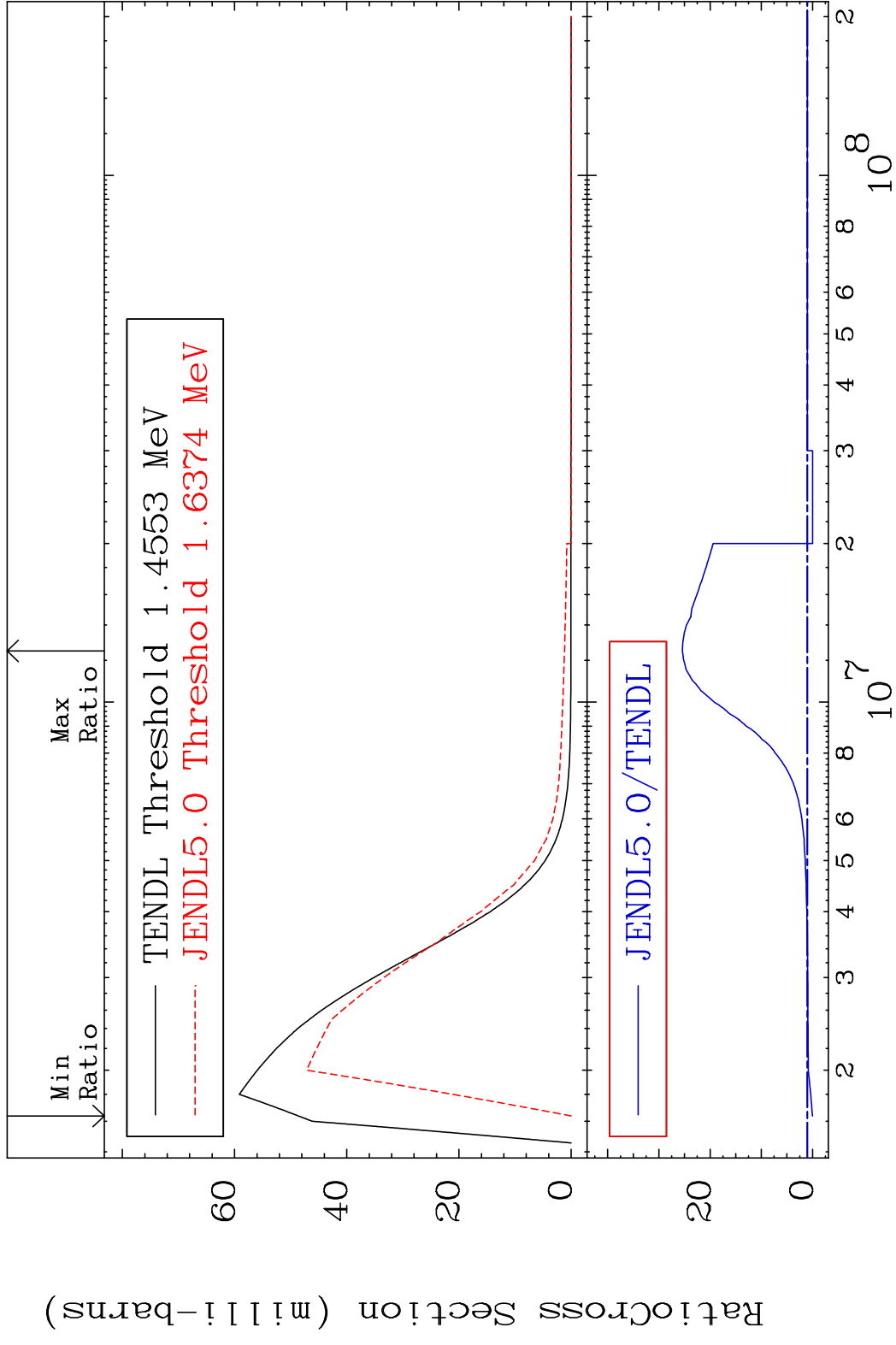
MAT 4234 MT= 66 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



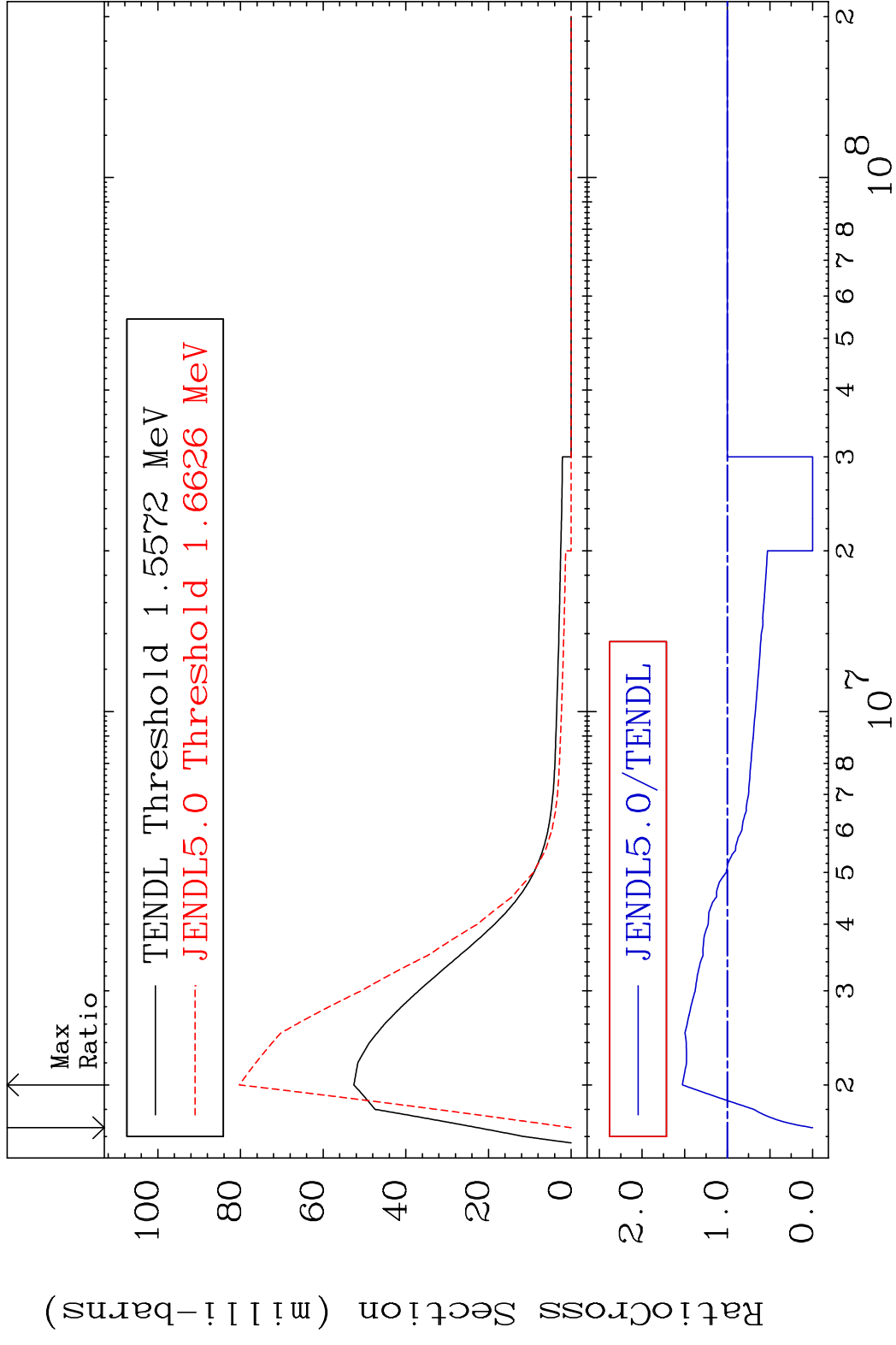
MAT 4234 MT= 67 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 2382. %



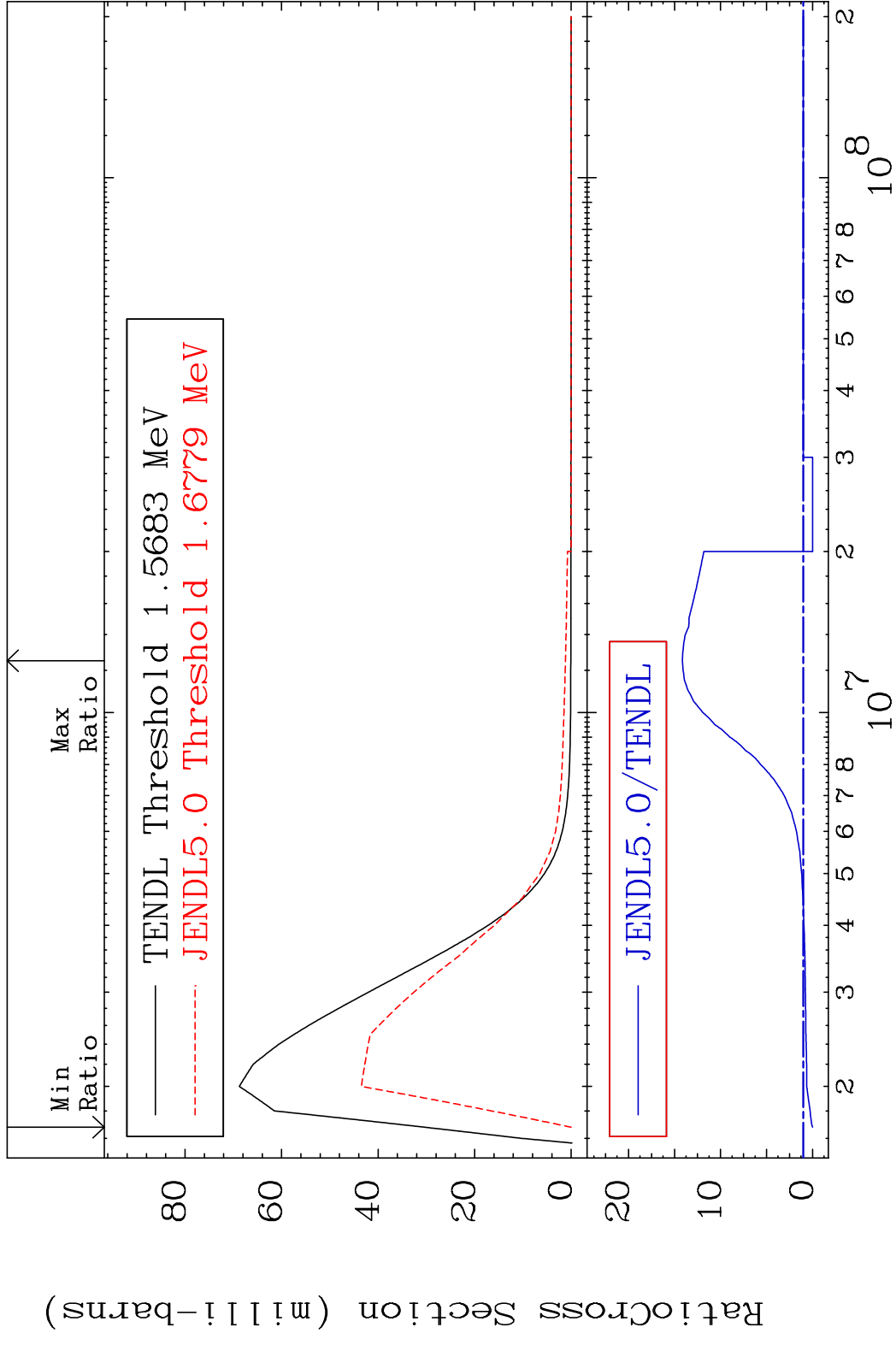
MAT 4234 MT= 68 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 2442. %



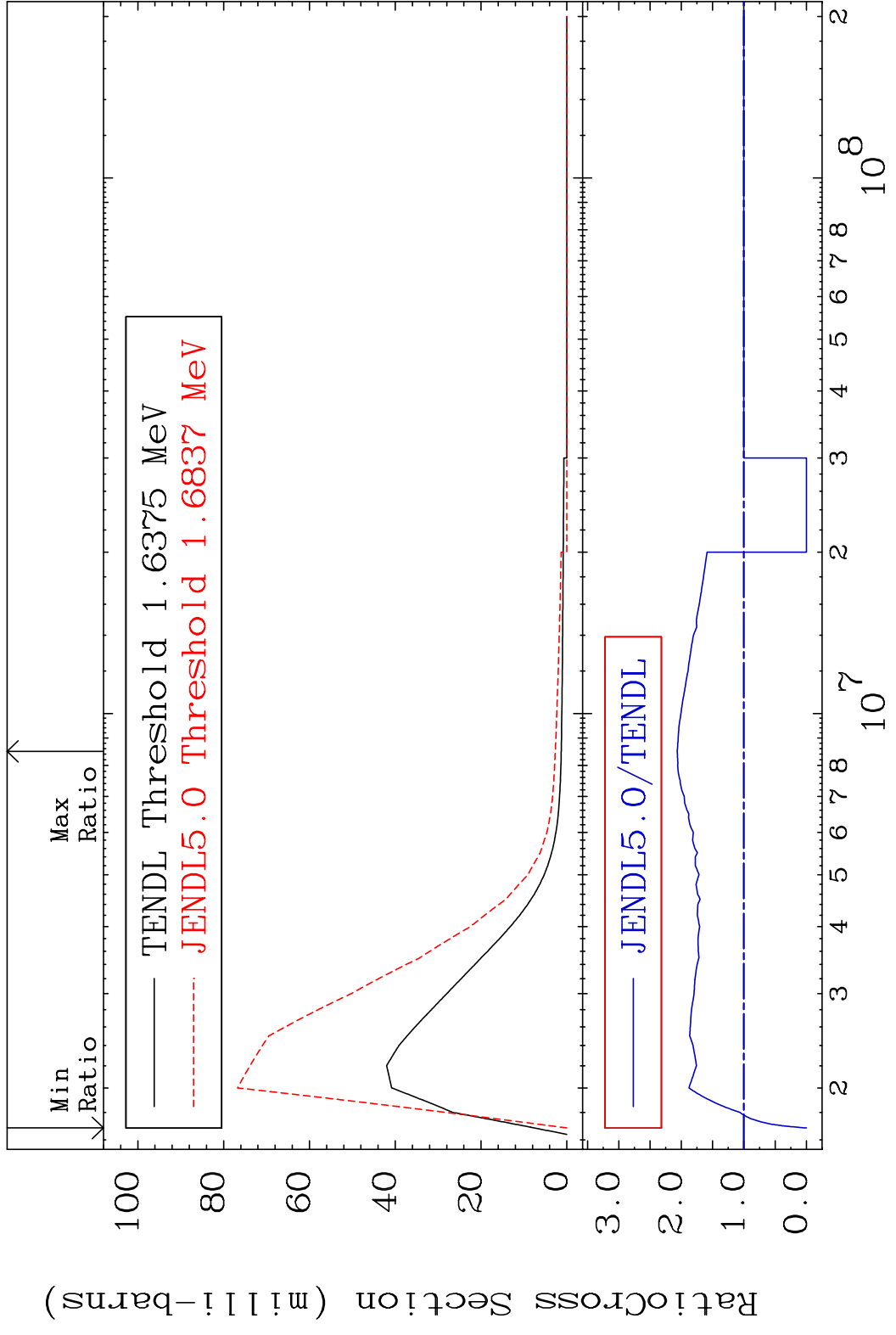
MAT 4234 MT= 69 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 52.74 %



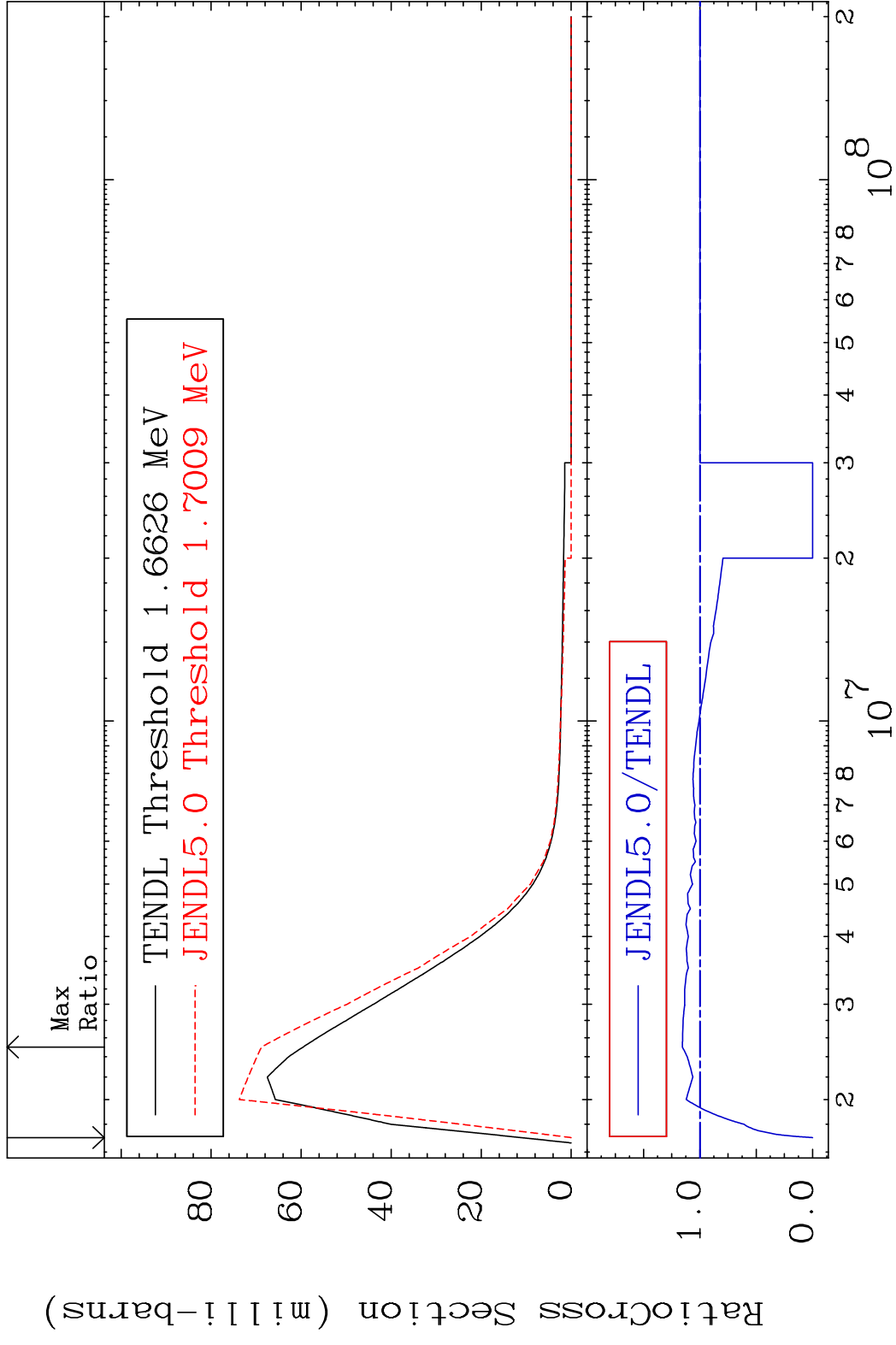
MAT 4234 MT= 70 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 1315. %



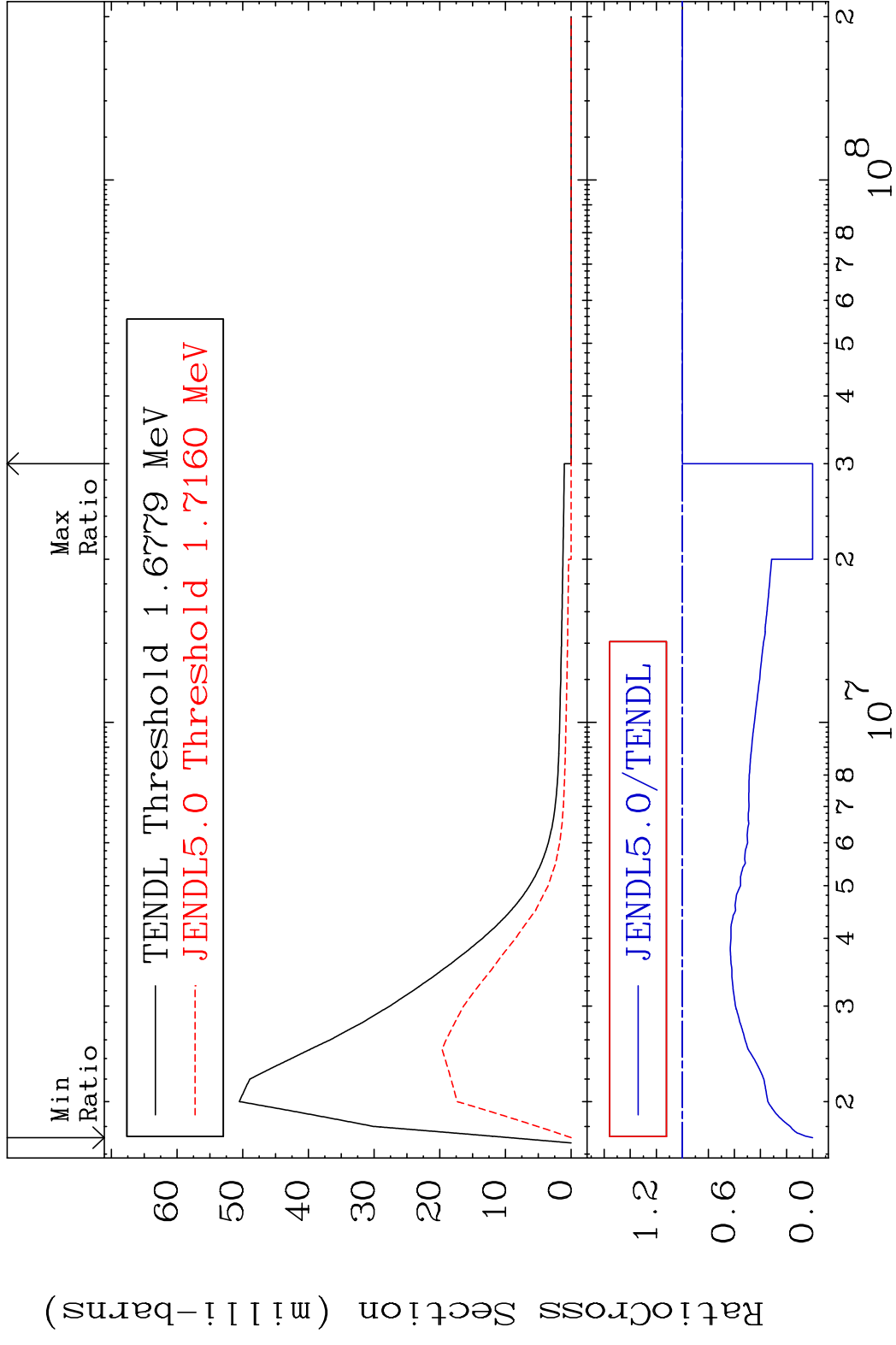
MAT 4234 MT= 71 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 106.6 %



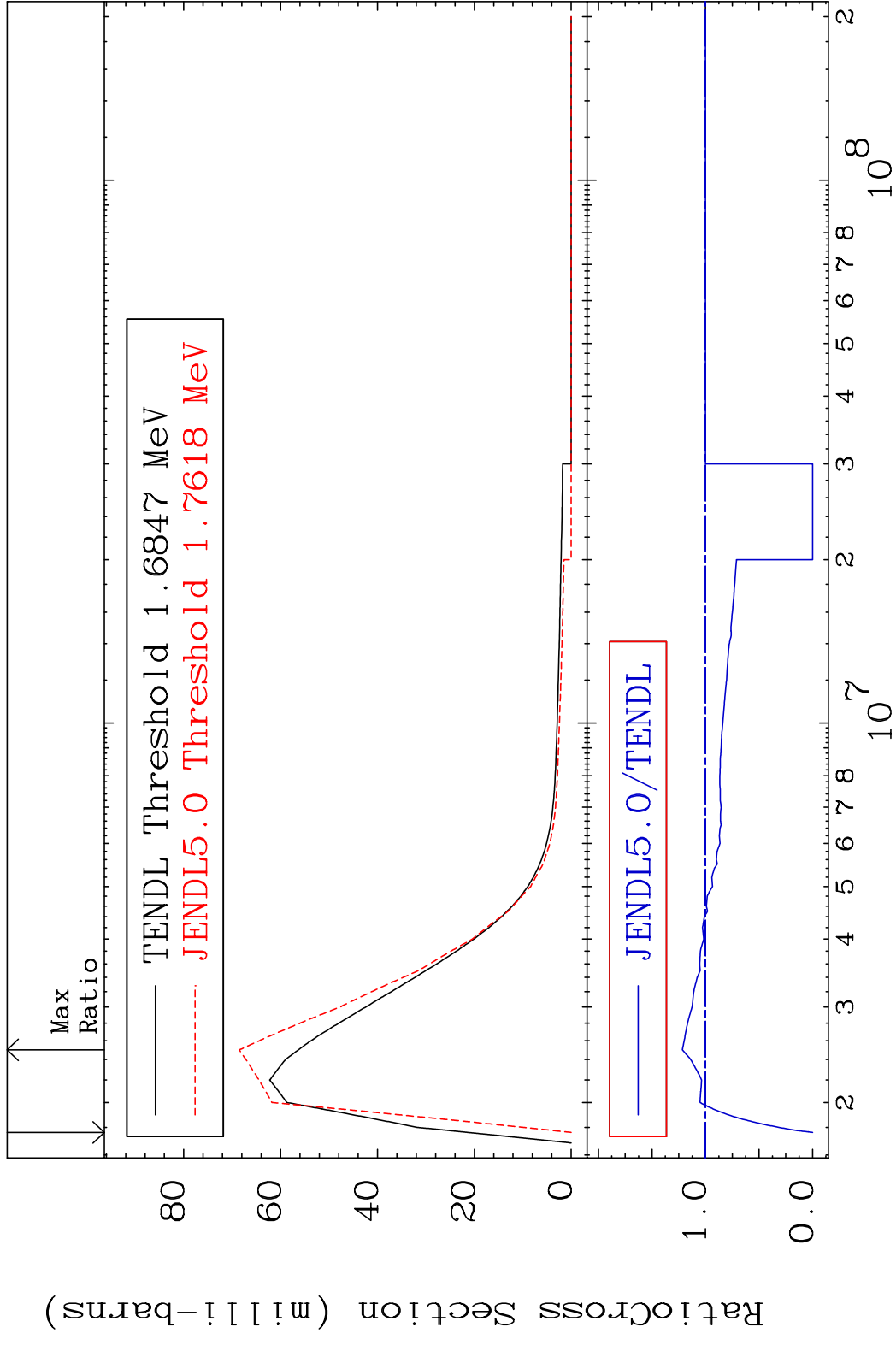
MAT 4234 MT= 72 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 15.54 %



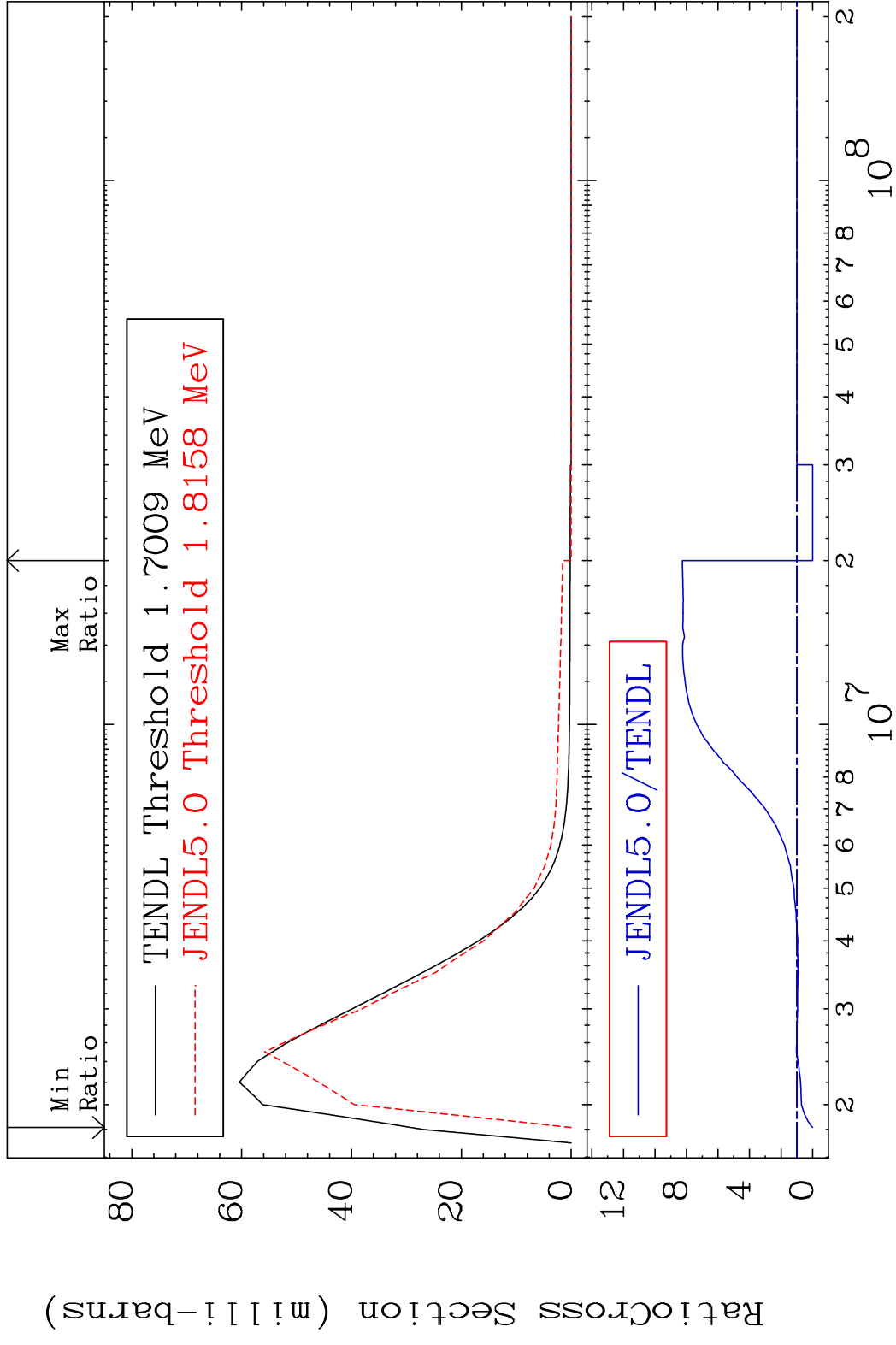
MAT 4234 MT= 73 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 0.000 %



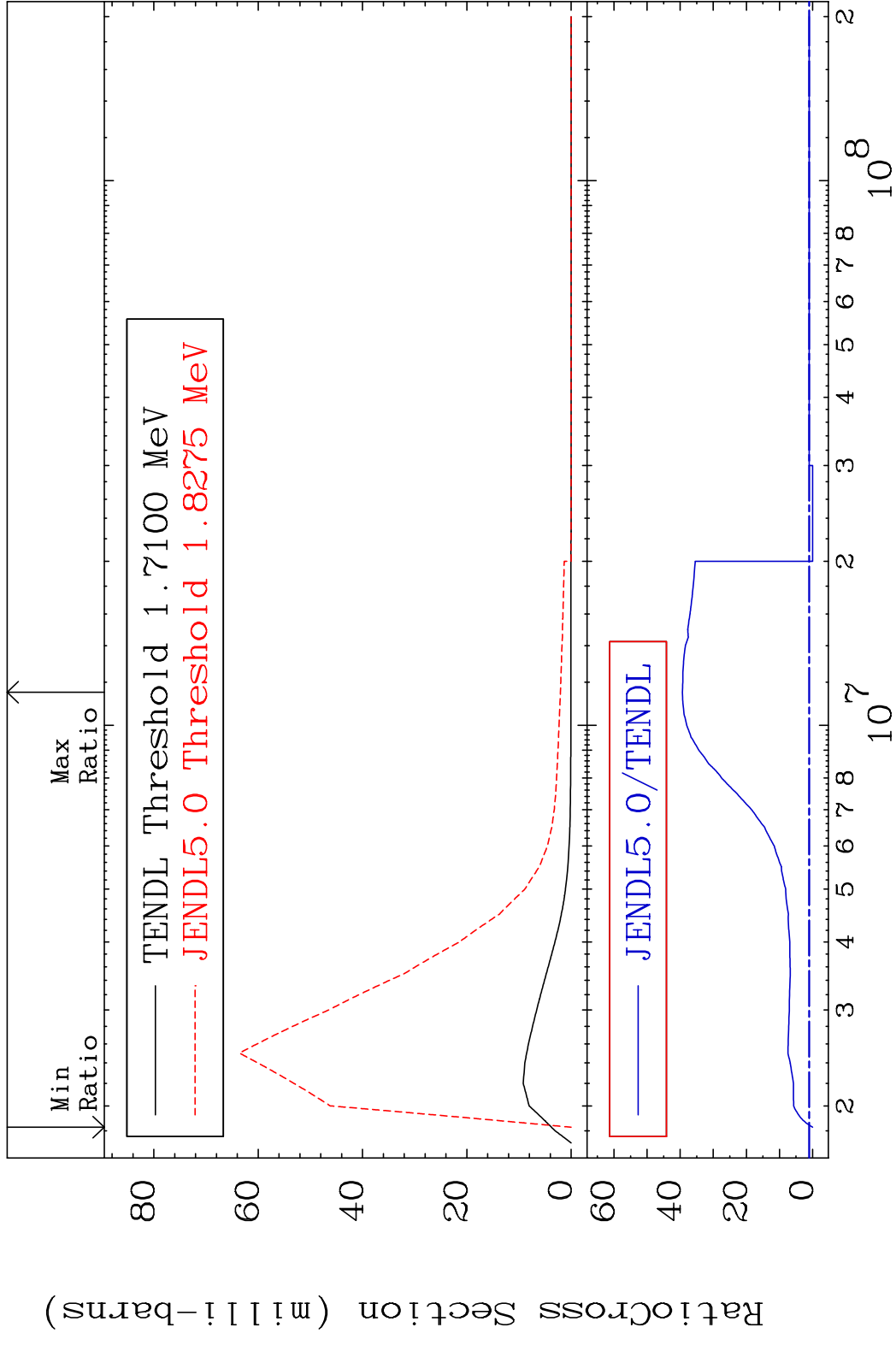
MAT 4234 MT= 74 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 21.60 %



MAT 4234 MT= 75 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 726.2 %



MAT 4234 MT= 76 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 3834. %

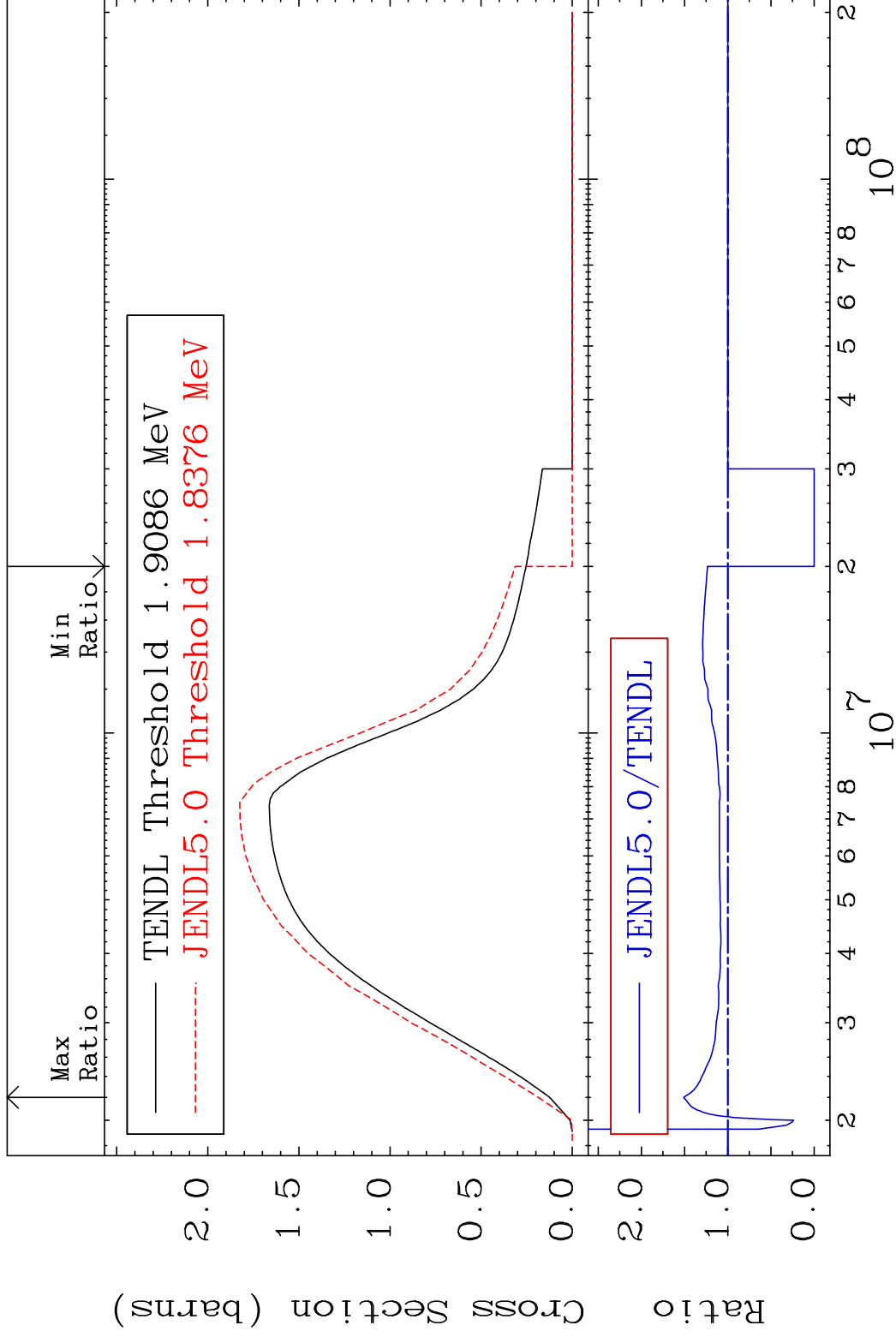


MAT 4234

(n, n') Continuum

42-Mo-95

Cross Section -100.0 To 51.07 %



36

Incident Energy (eV)

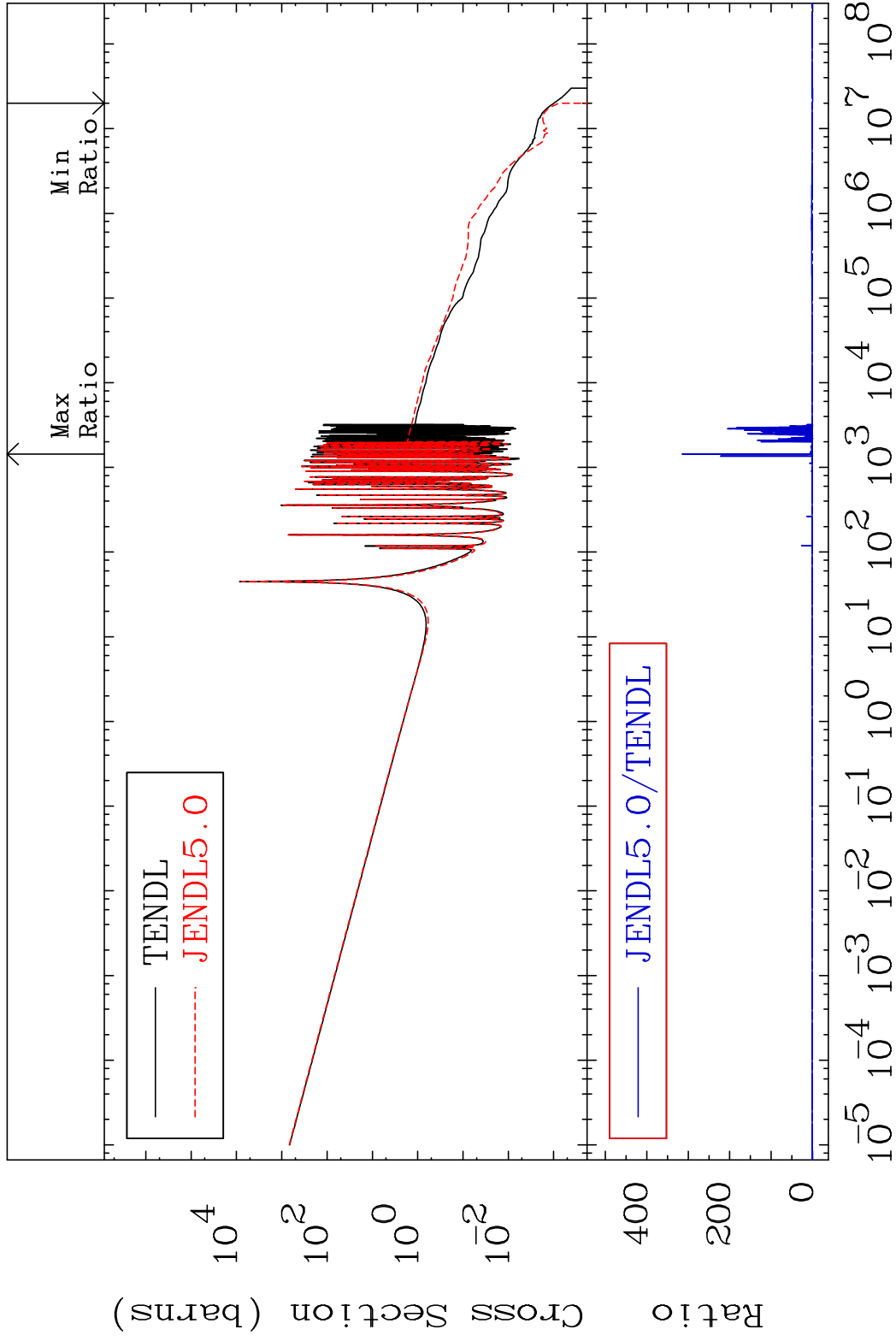
42-Mo-95

MAT 4234

(n, γ)

42-Mo-95

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

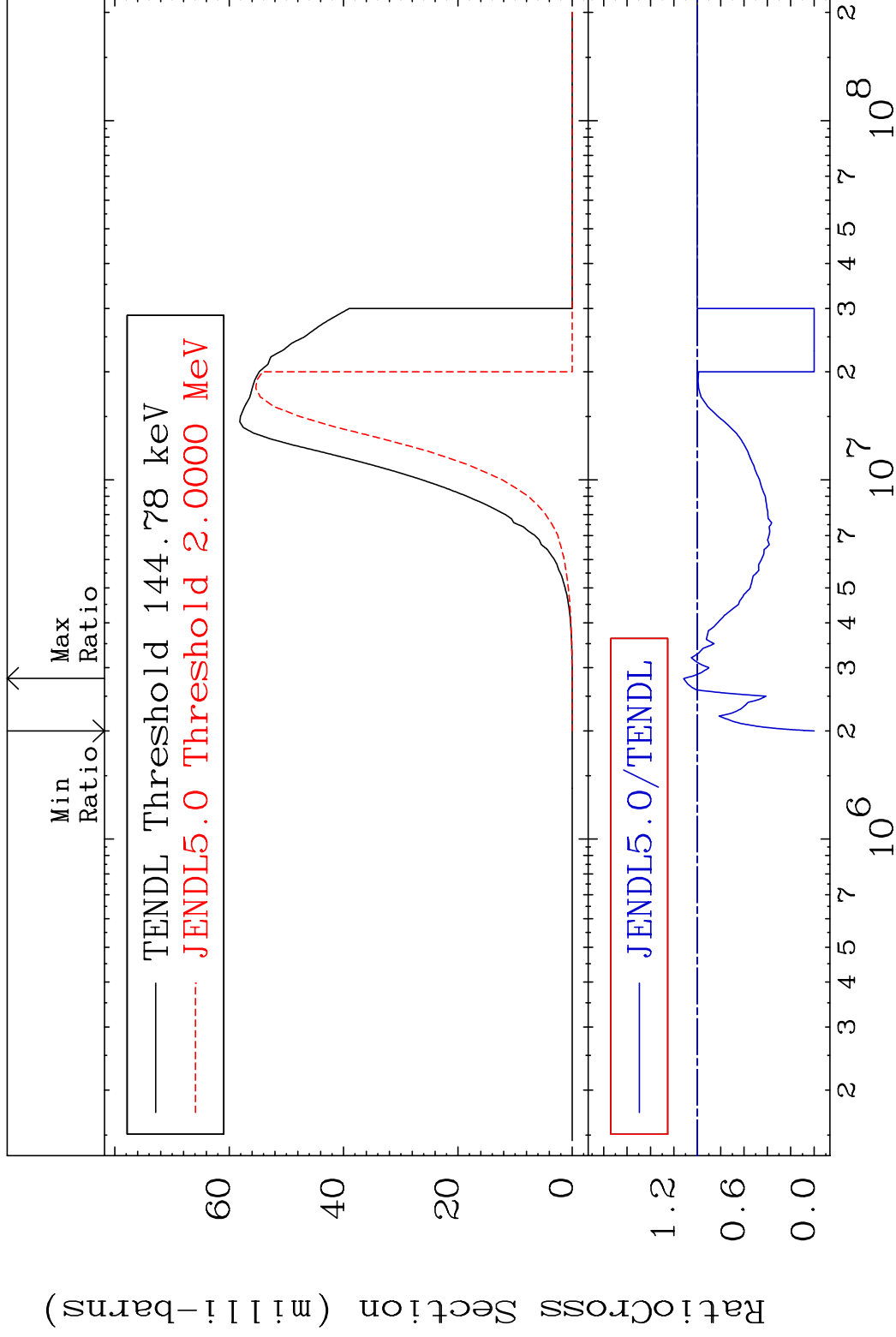
42-Mo-95

MAT 4234

(n, p)

42-Mo-95

Cross Section -100.0 To 11.61 %



38

Incident Energy (eV)

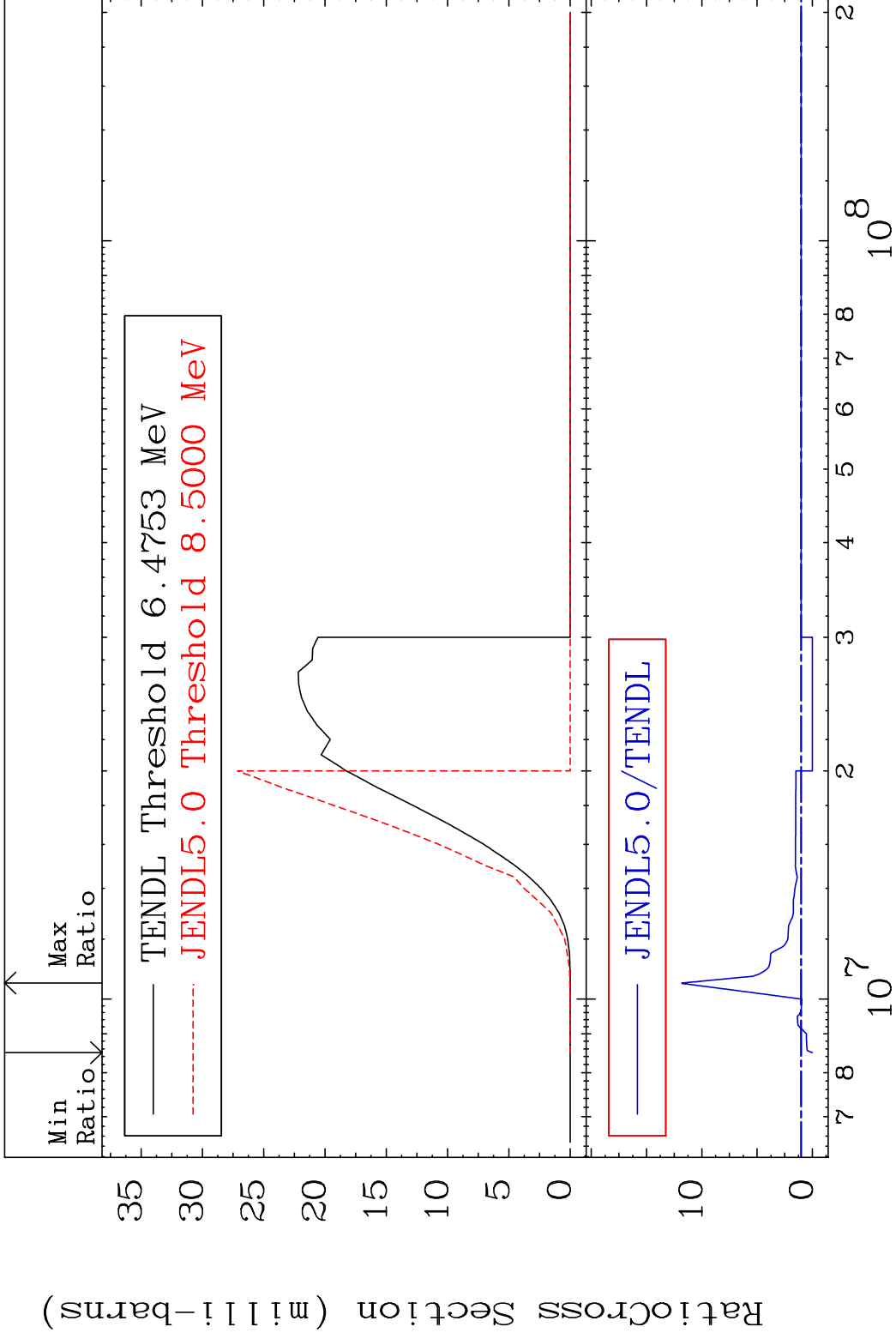
42-Mo-95

MAT 4234

(n,d)

42-Mo-95

Cross Section -100.0 To 1081. %



39

Incident Energy (eV)

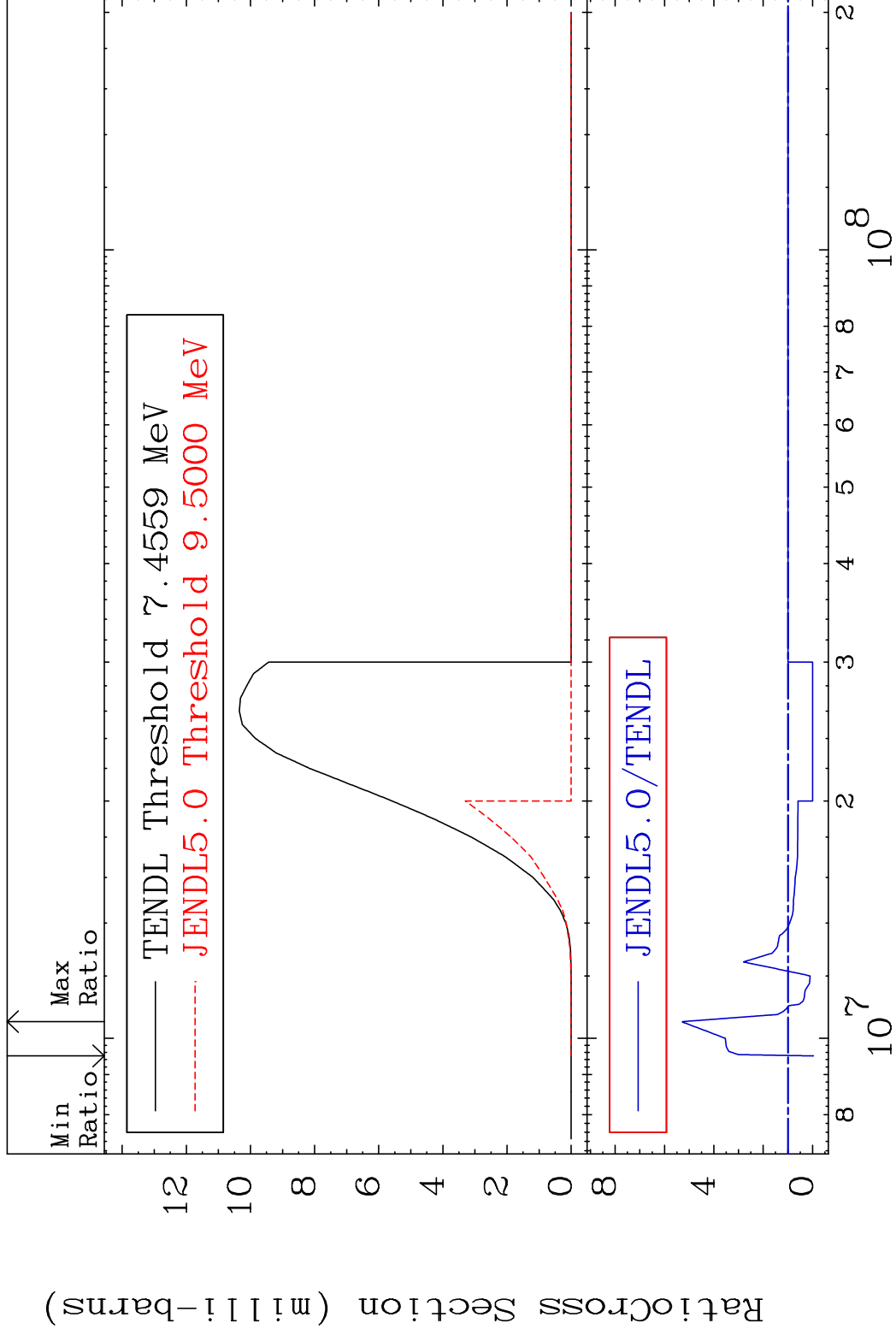
42-Mo-95

MAT 4234

(n, t)

42-Mo-95

Cross Section -100.0 To 427.7 %



40

Incident Energy (eV)

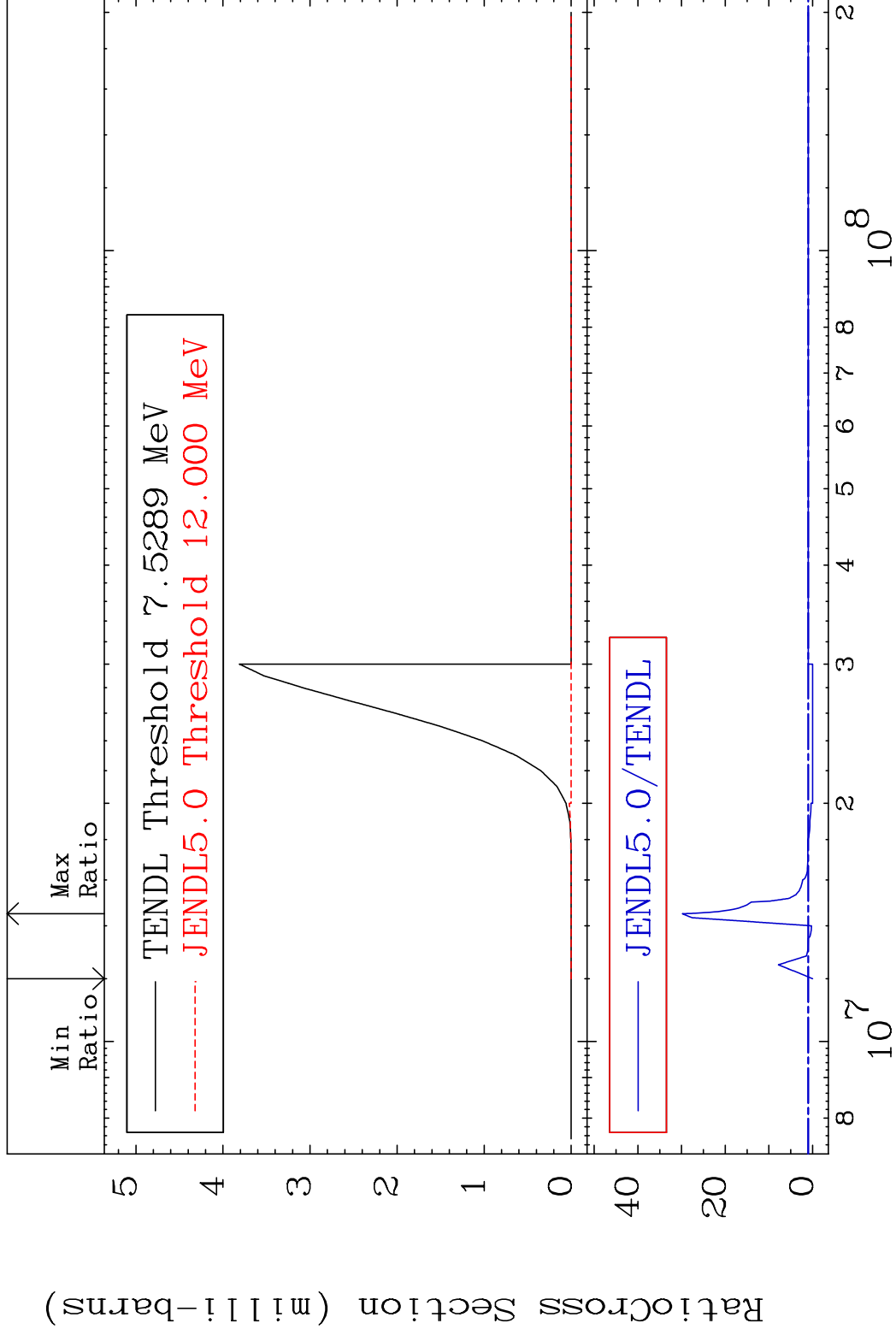
42-Mo-95

MAT 4234

(n, He-3)

42-Mo-95

Cross Section -100.0 To 2882. %



41

Incident Energy (eV)

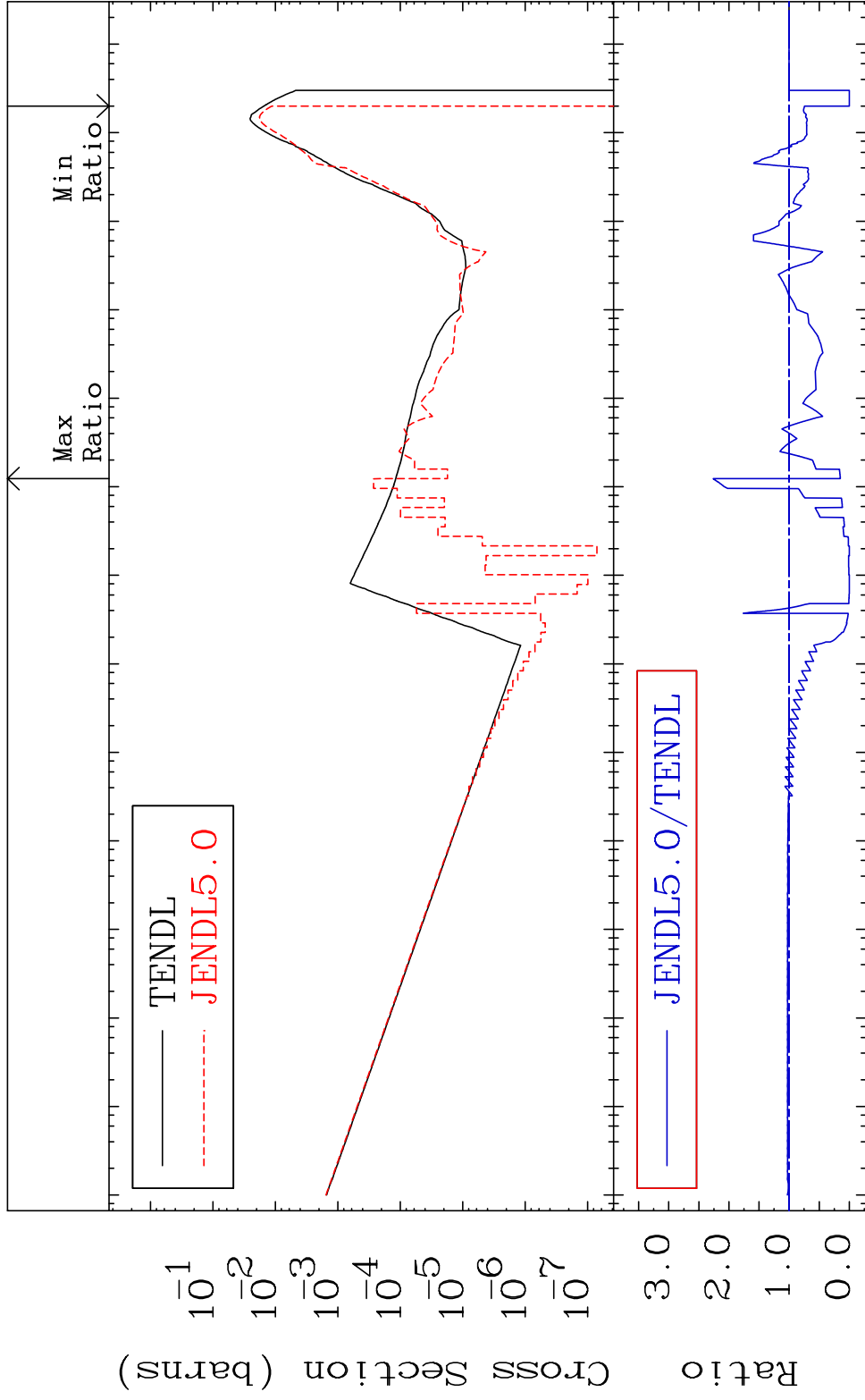
42-Mo-95

MAT 4234

(n, α)

42-Mo-95

Cross Section -100.0 To 126.2 %



42

Incident Energy (eV)

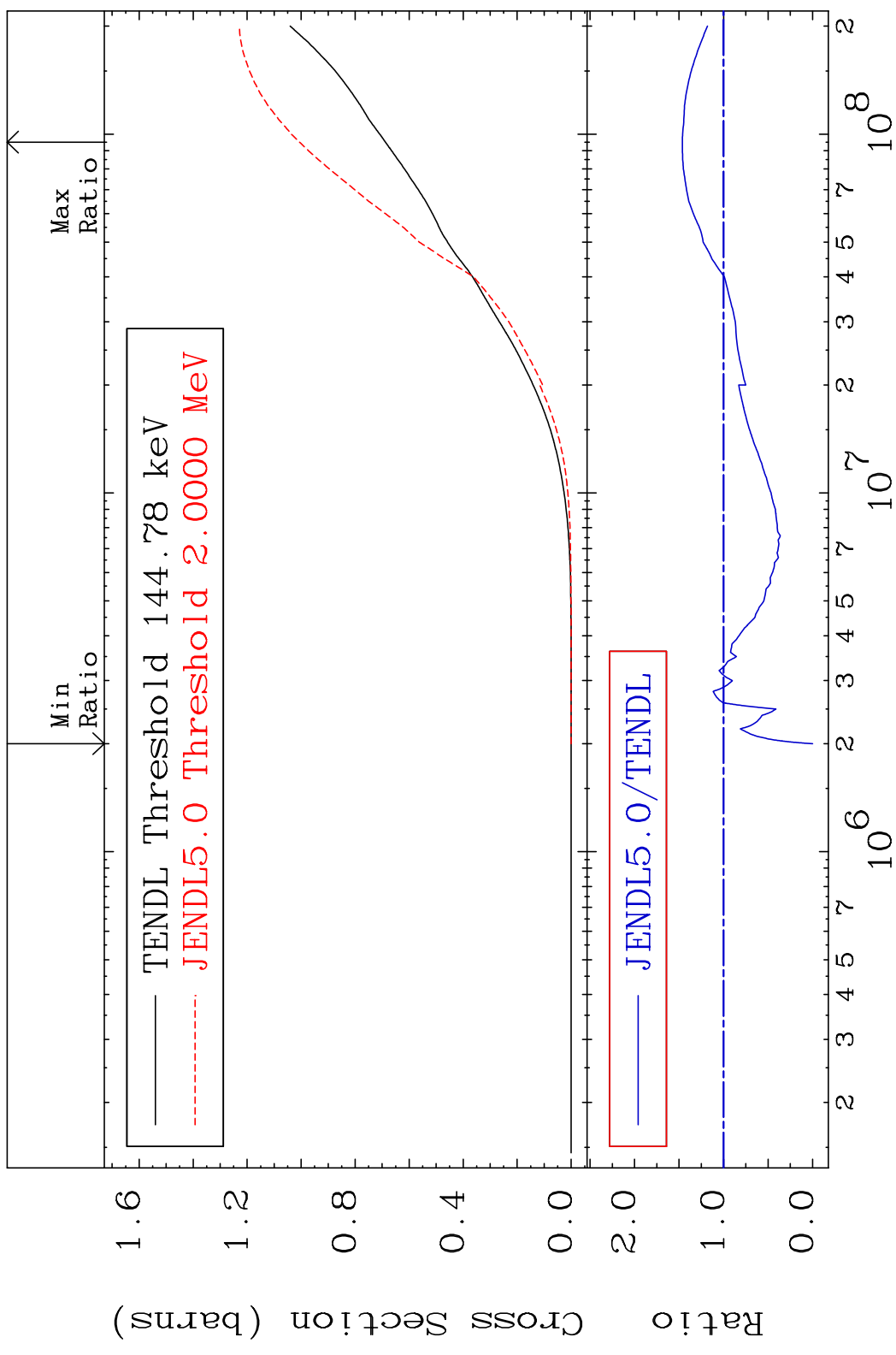
42-Mo-95

MAT 4234

Hydrogen Production

42-Mo-95

Cross Section -100.0 To 46.30 %

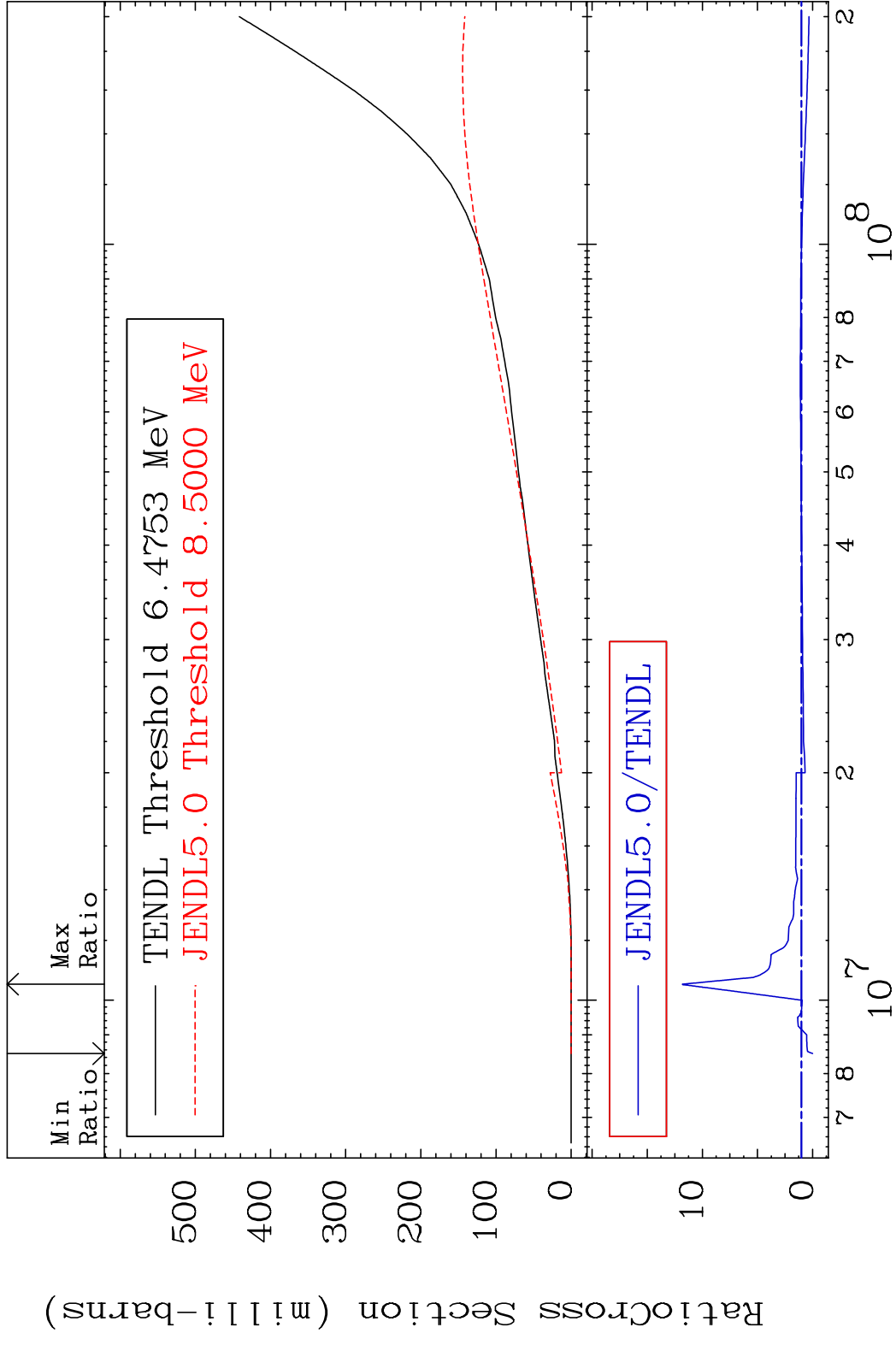


43

Incident Energy (eV)

42-Mo-95

MAT 4234 Deuterium Production 42-Mo-95
 Cross Section -100.0 To 1081. %



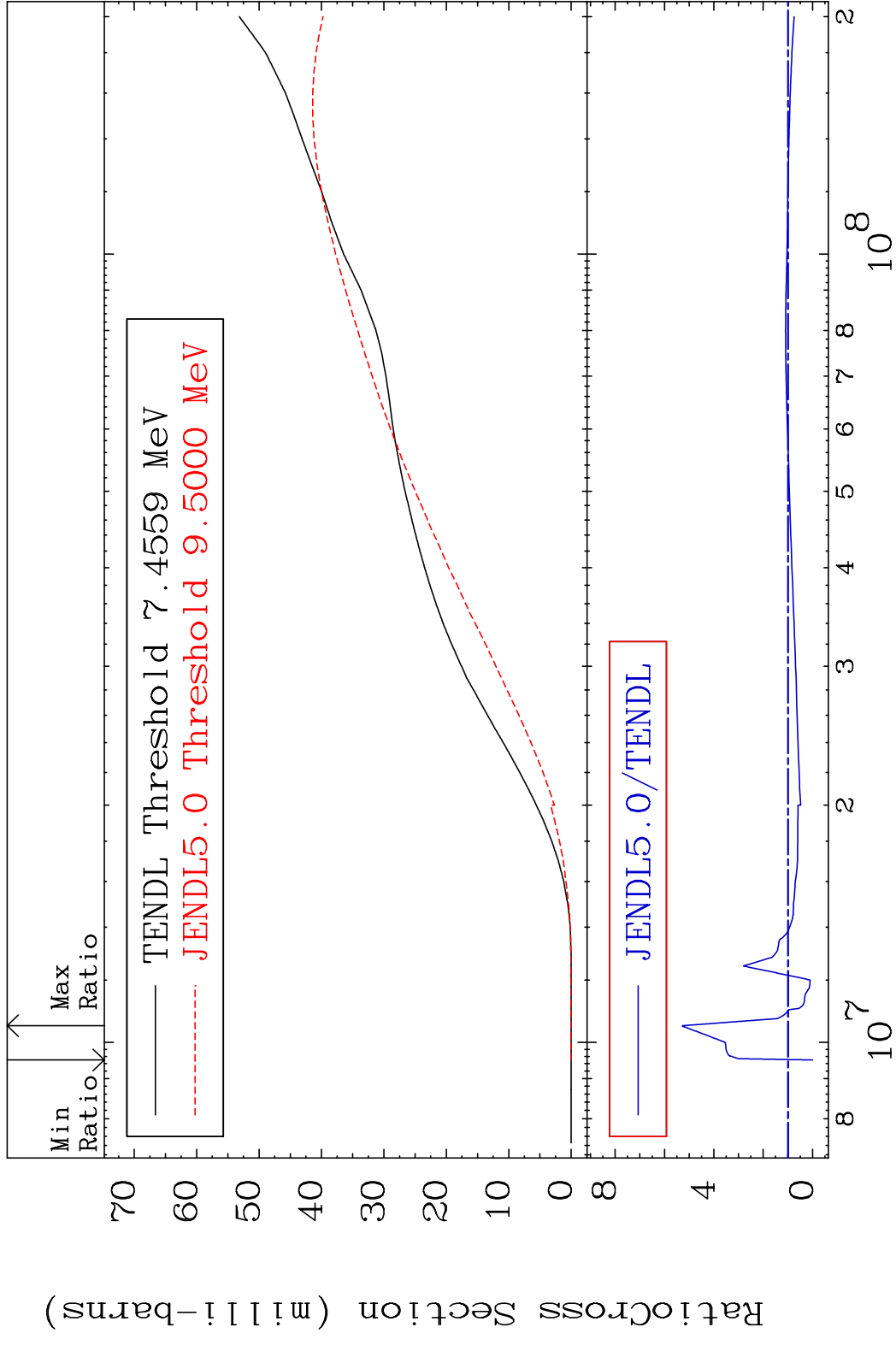
44 42-Mo-95

MAT 4234

Tritium Production

42-Mo-95

Cross Section -100.0 To 427.7 %



45

Incident Energy (eV)

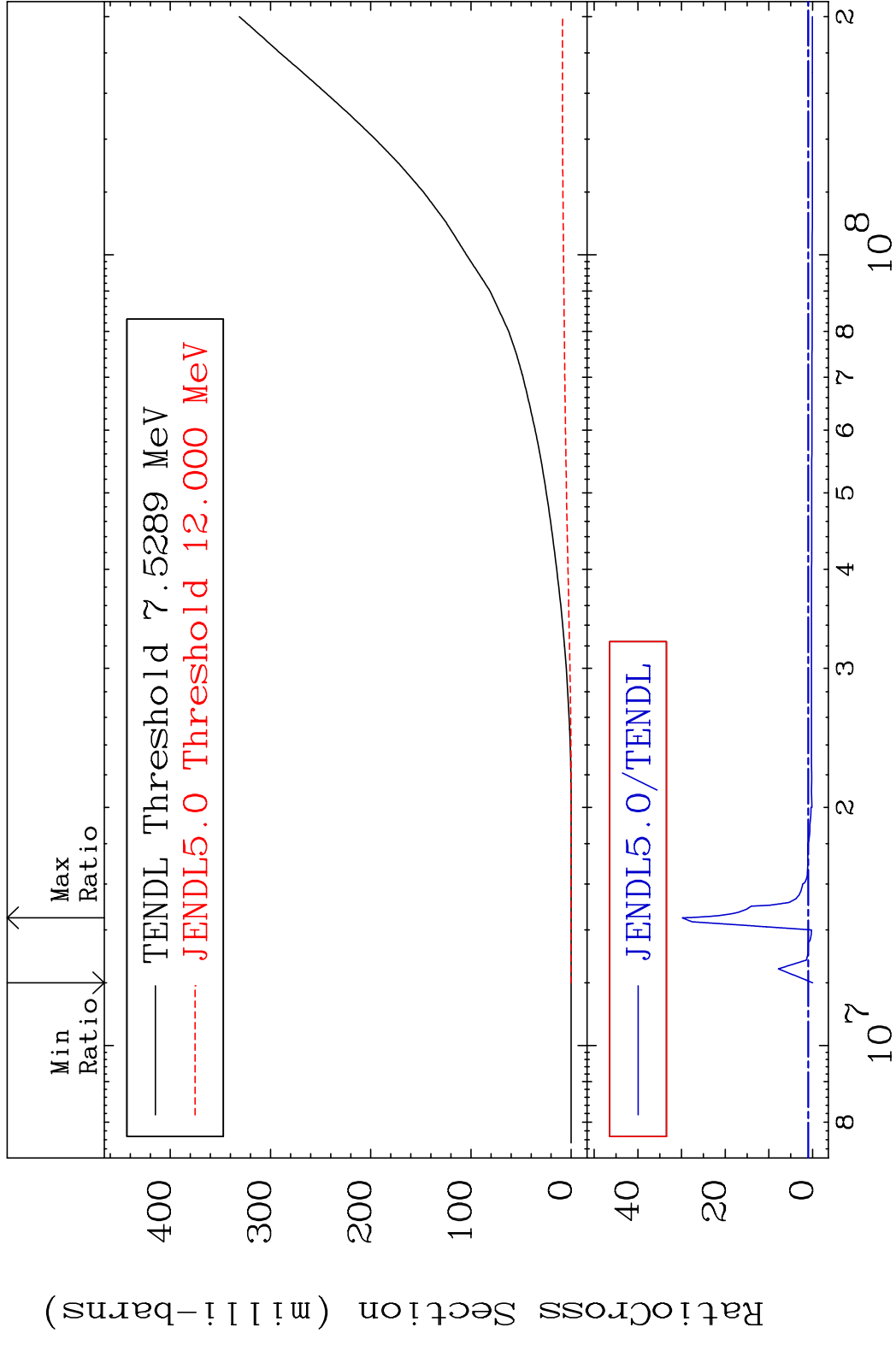
42-Mo-95

MAT 4234

He-3 Production

42-Mo-95

Cross Section -100.0 To 2882. %



46

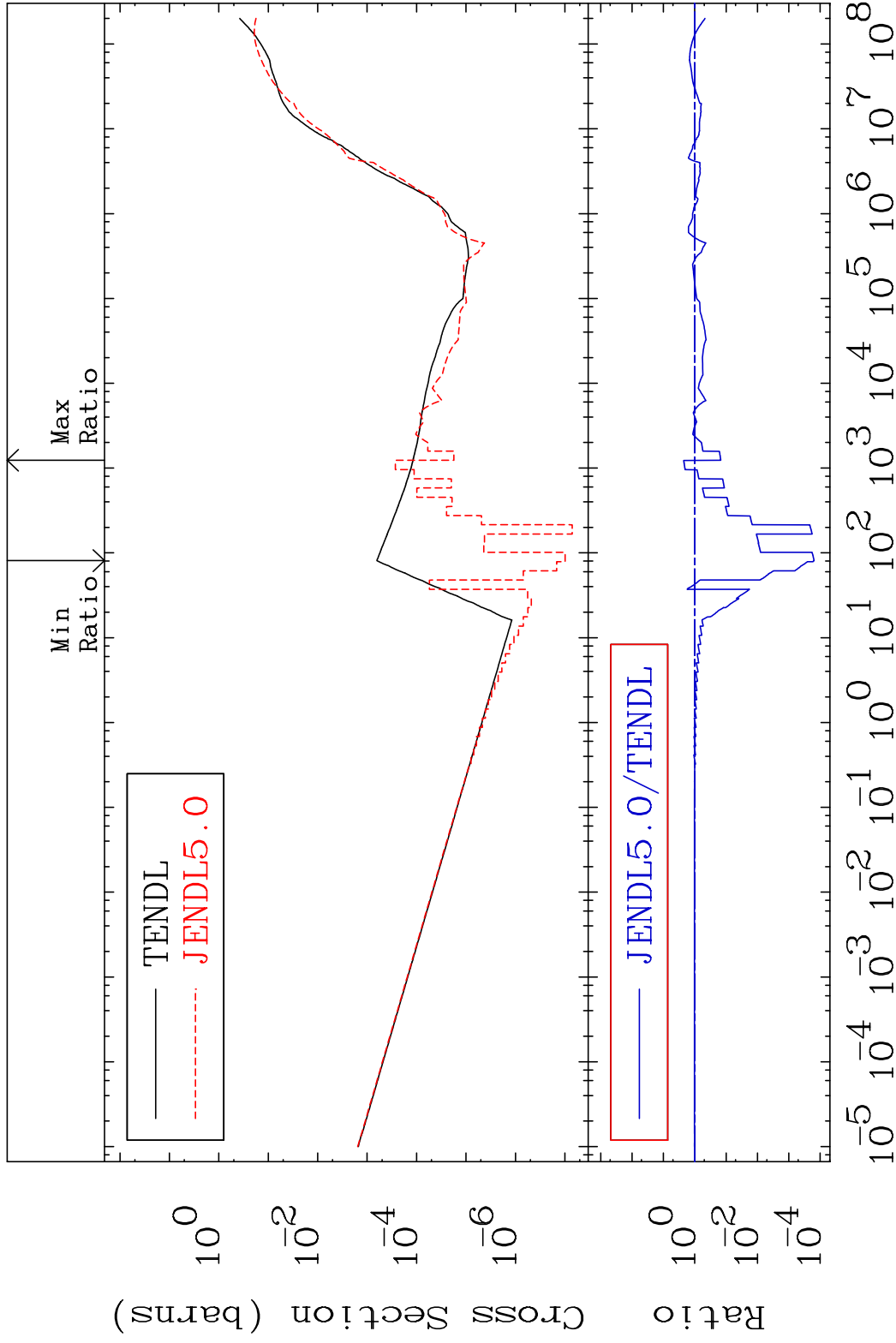
42-Mo-95

MAT 4234

He-4 Production

42-Mo-95

Cross Section -99.98 To 126.2 %

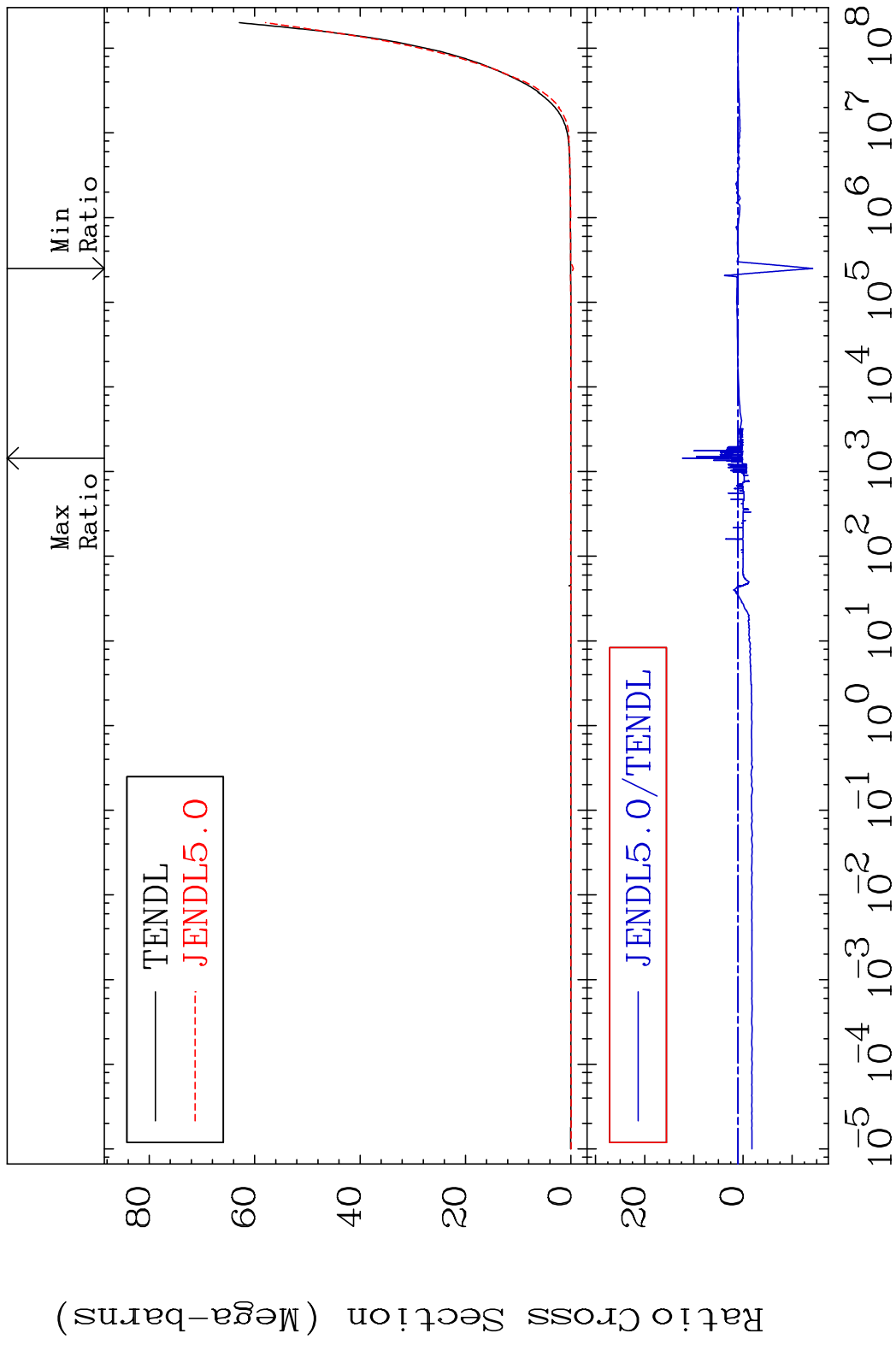


47

Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma total (eV-barns) 42-Mo-95
Cross Section -1515. To 1134. %



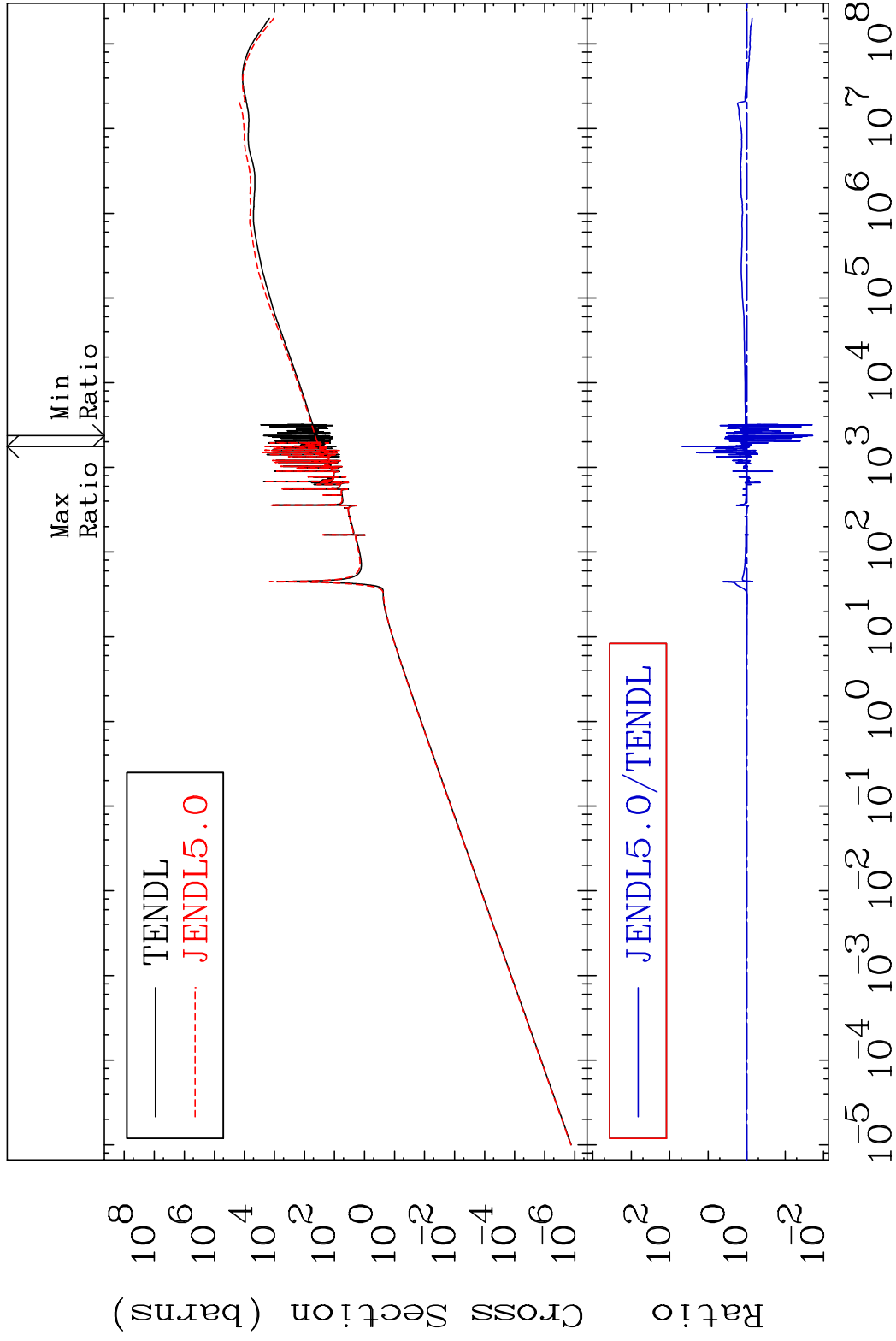
48 42-Mo-95

MAT 4234

Kerma elastic

42-Mo-95

Cross Section -98.06 To 4592. %

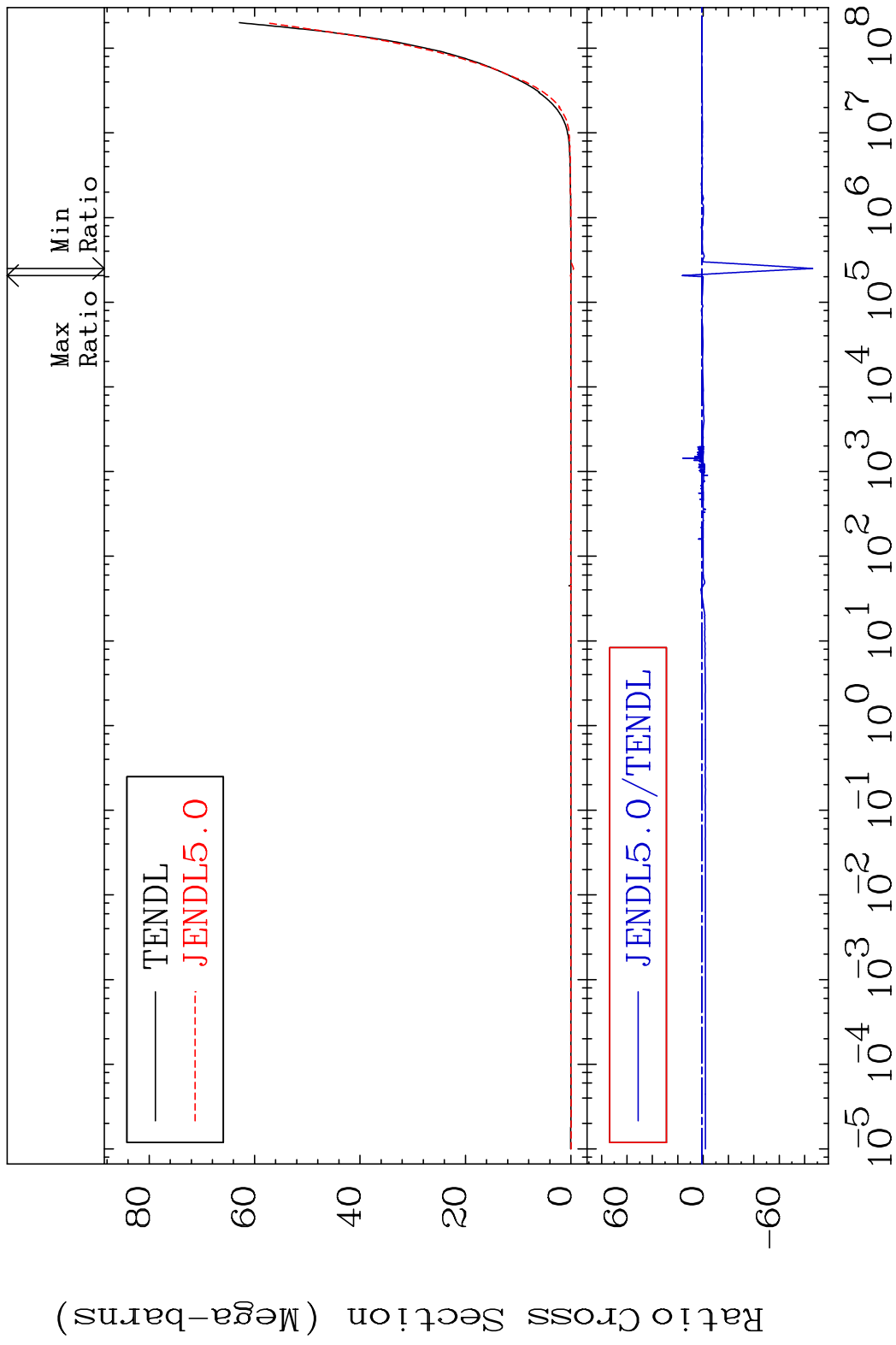


49

Incident Energy (eV)

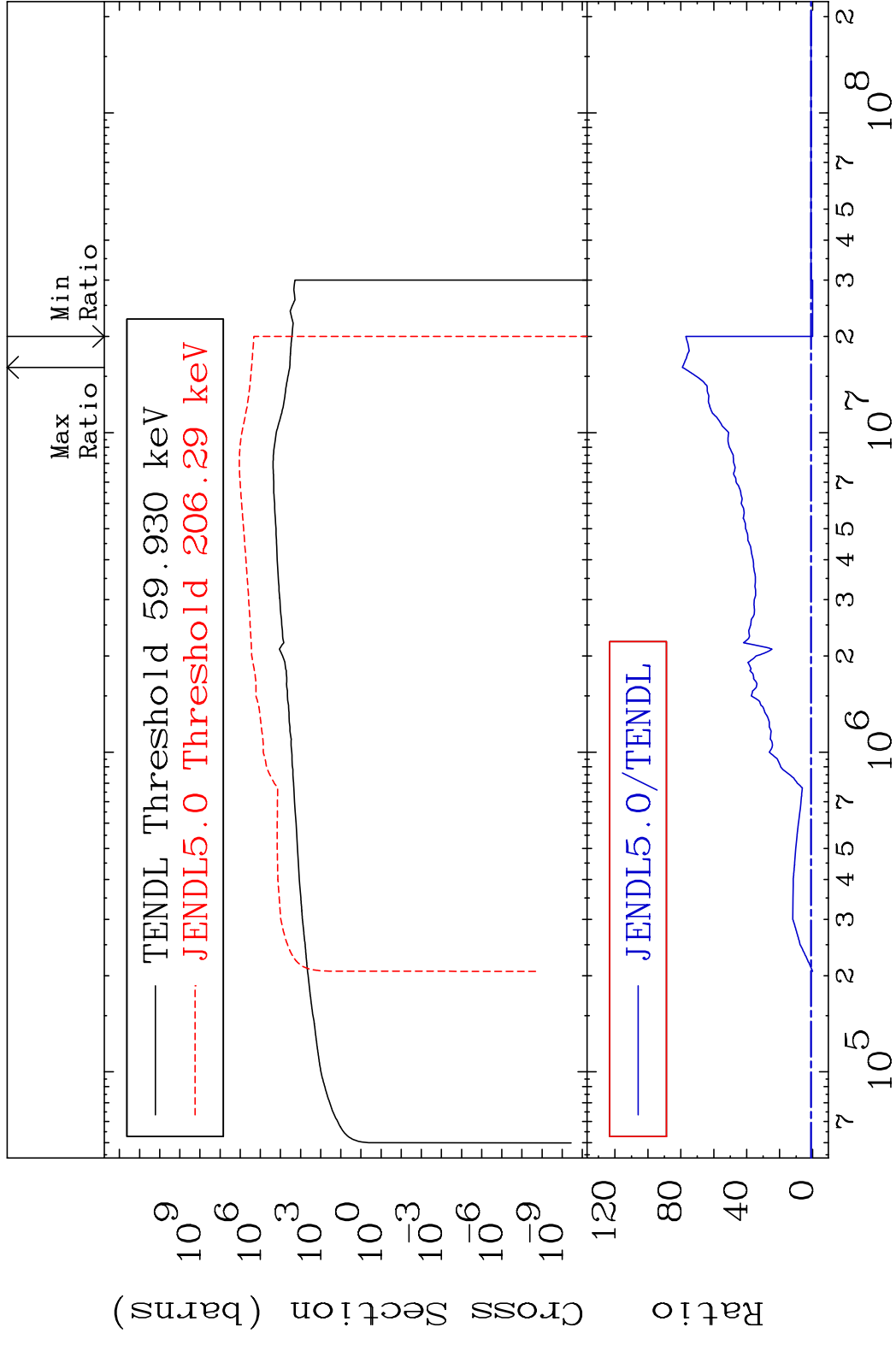
42-Mo-95

MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95
Cross Section -8723. To 1535. %

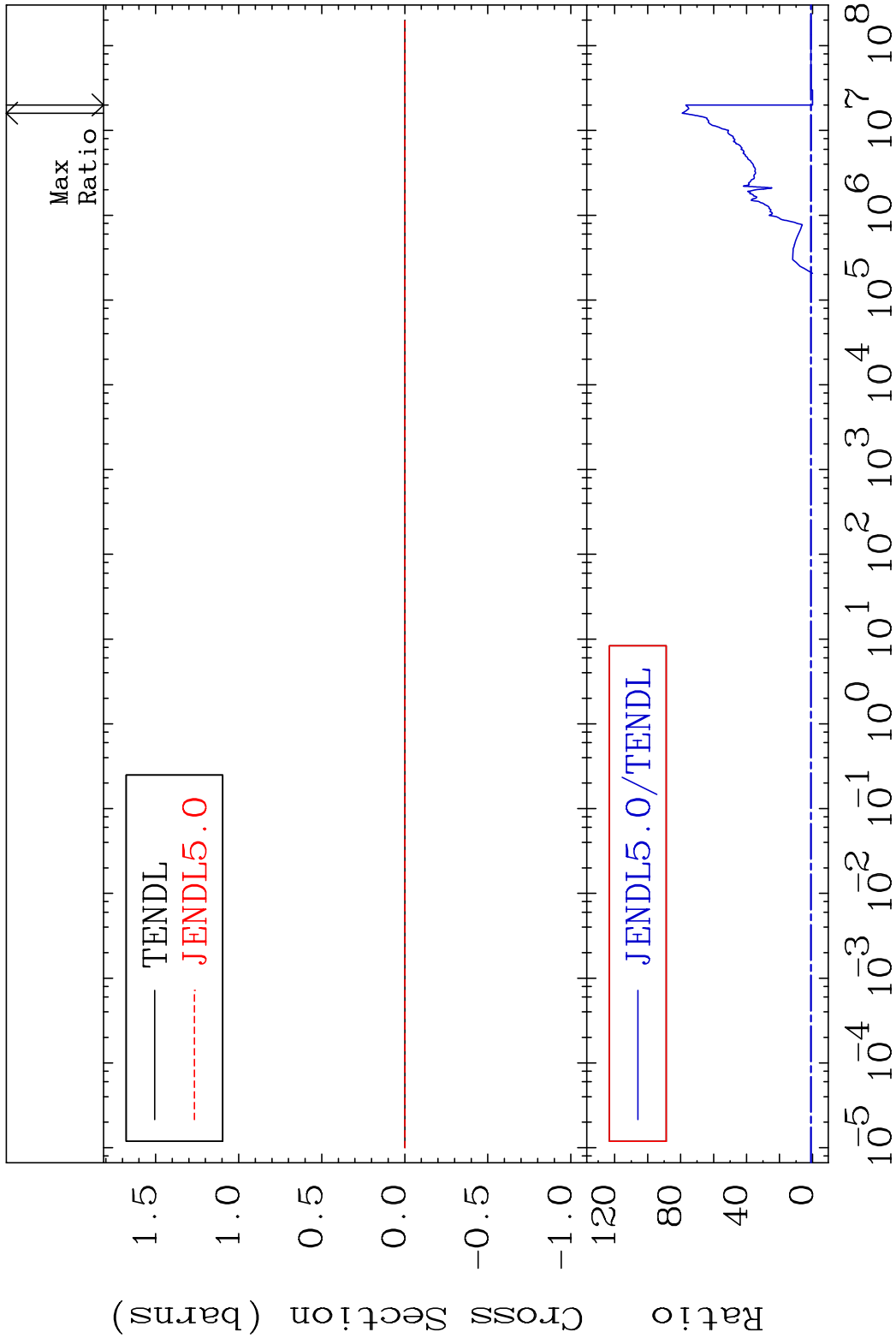


50 Incident Energy (eV) 42-Mo-95

MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 7808. %

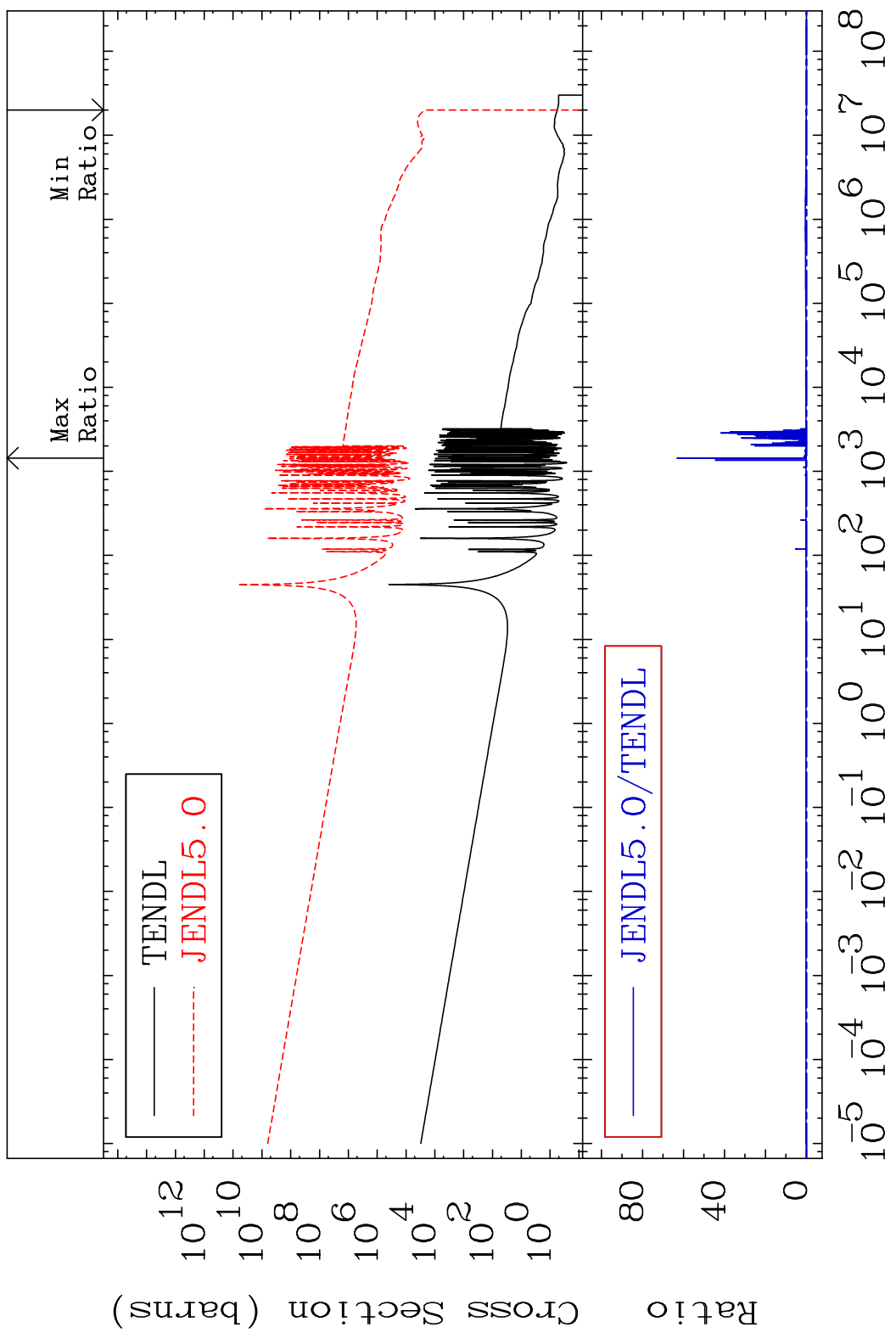


MAT 4234 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-95
 Cross Section -100.0 To 7808. %



MAT 4234

Kerma capture (mt102) 42-Mo-95
Cross Section -100.0 To 9999. %

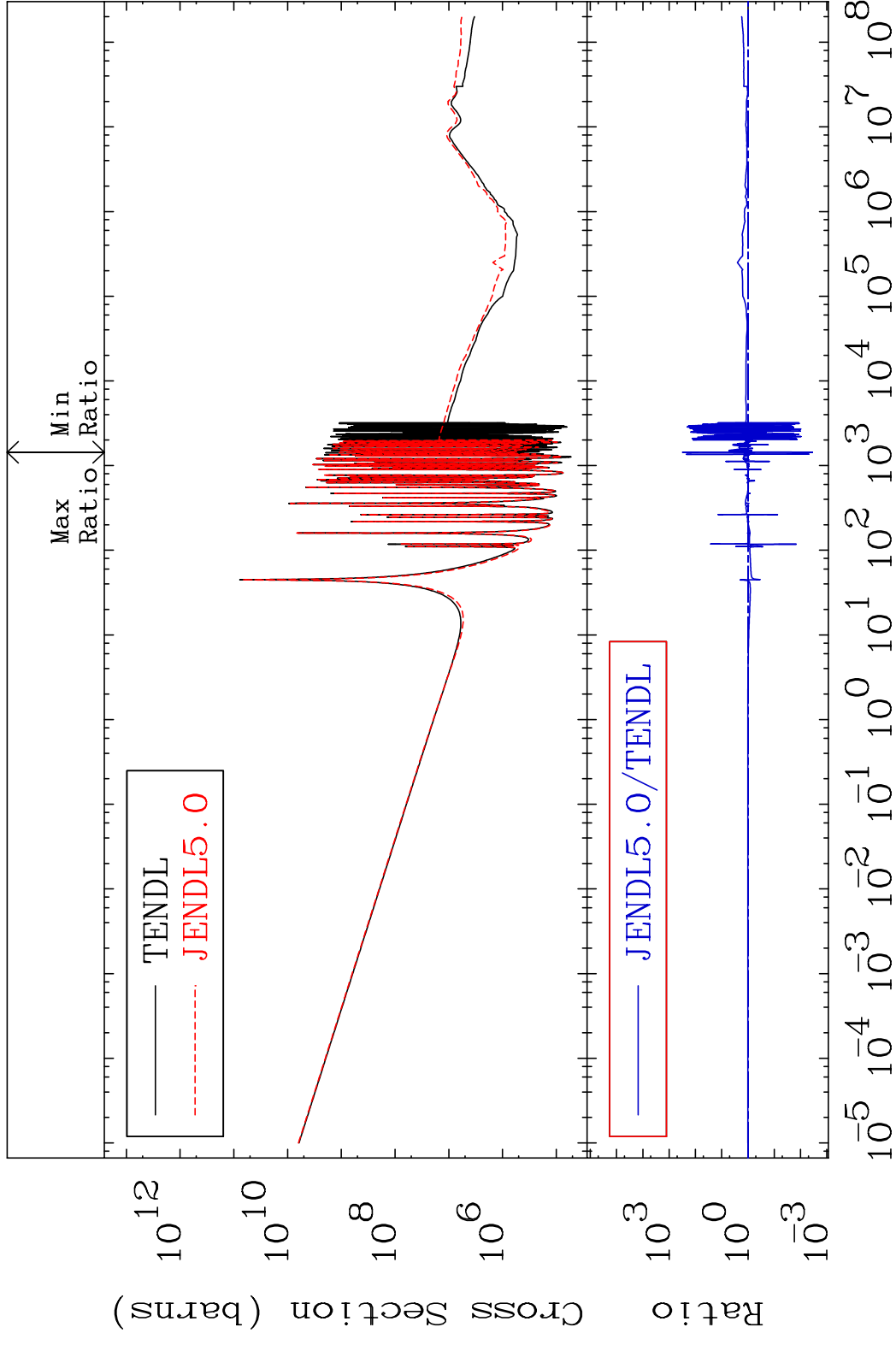


53

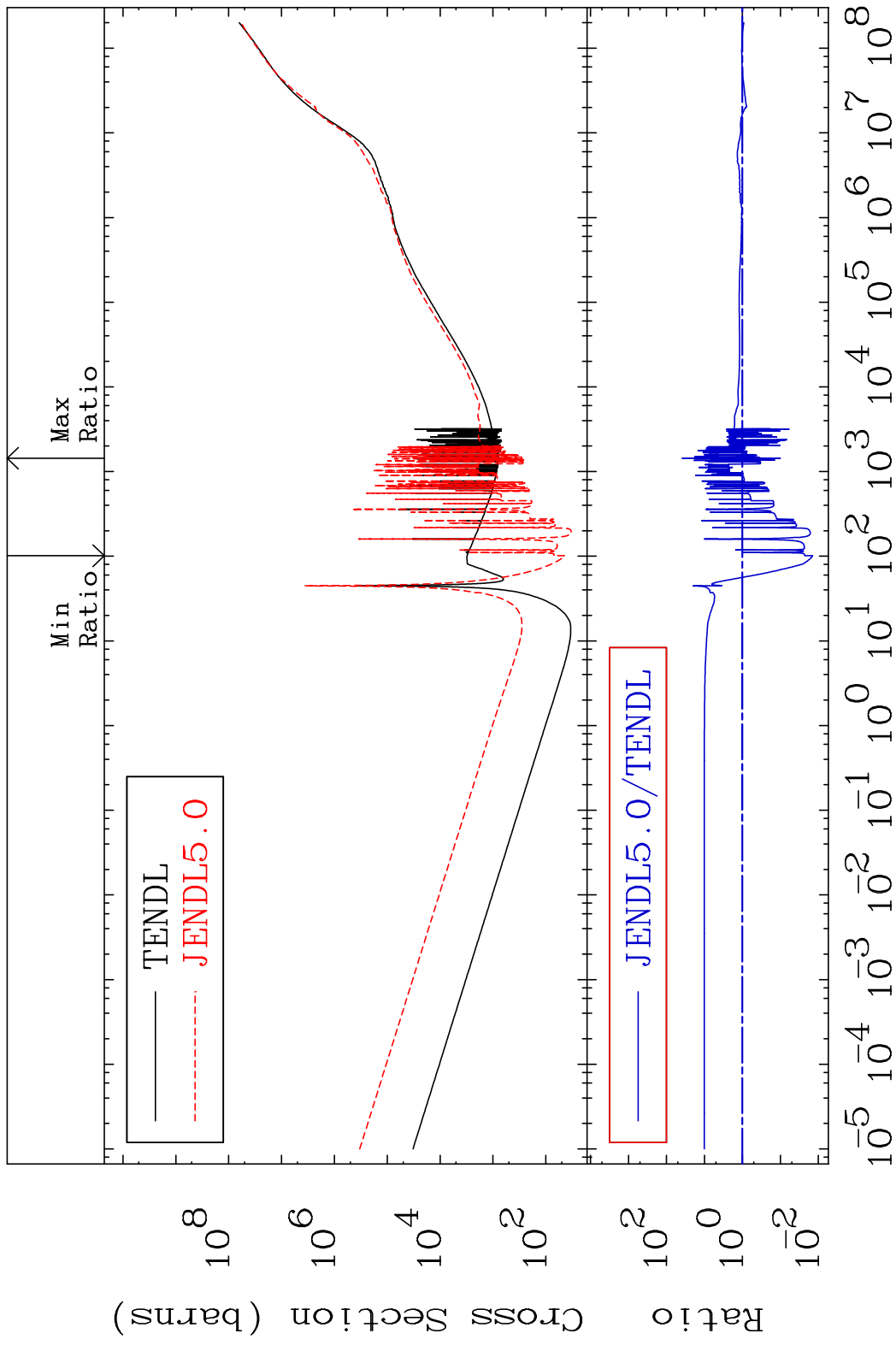
Incident Energy (eV)

42-Mo-95

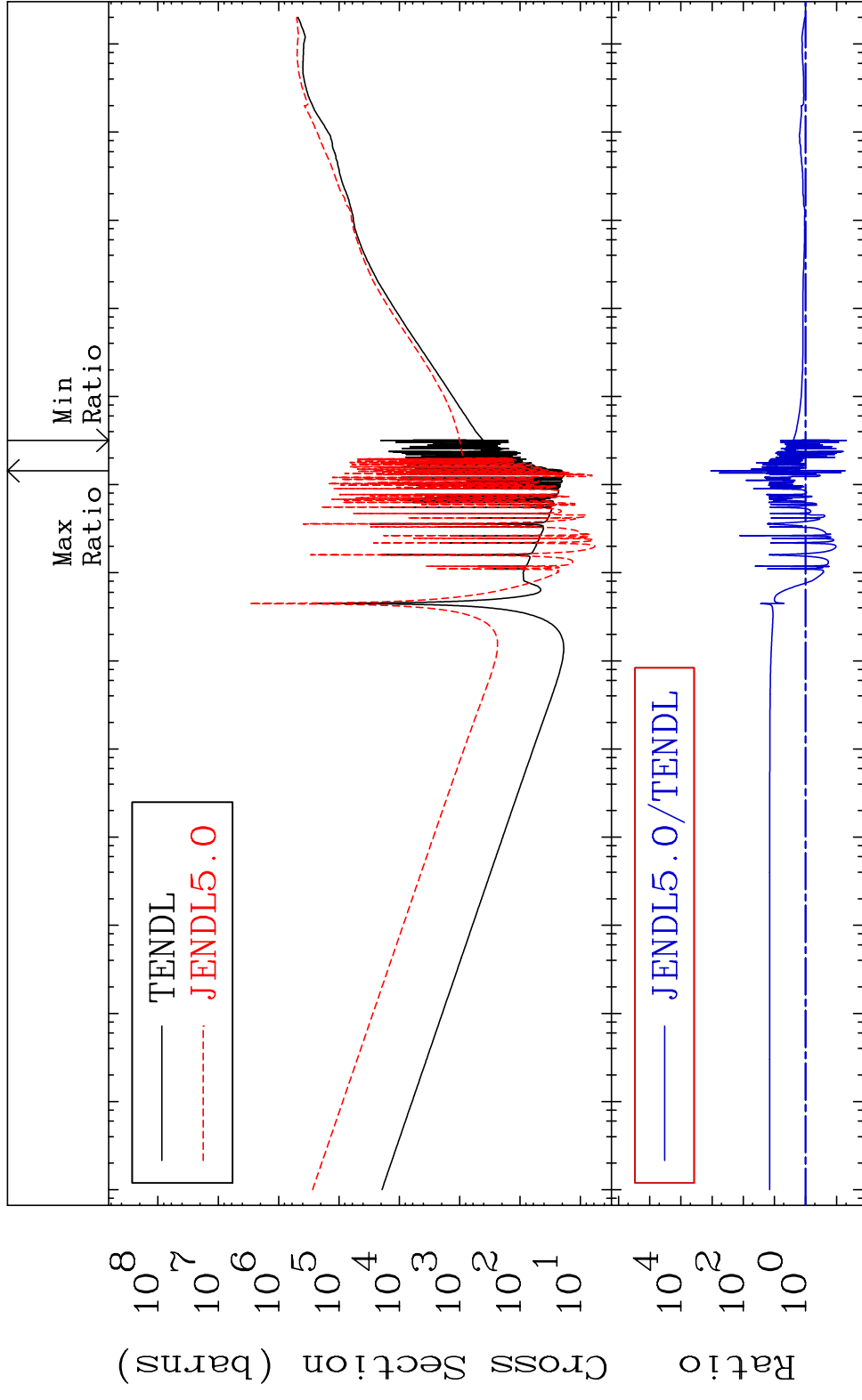
MAT 4234 Total photon (eV-barns) 42-Mo-95
 Cross Section -99.65 To 9999. %



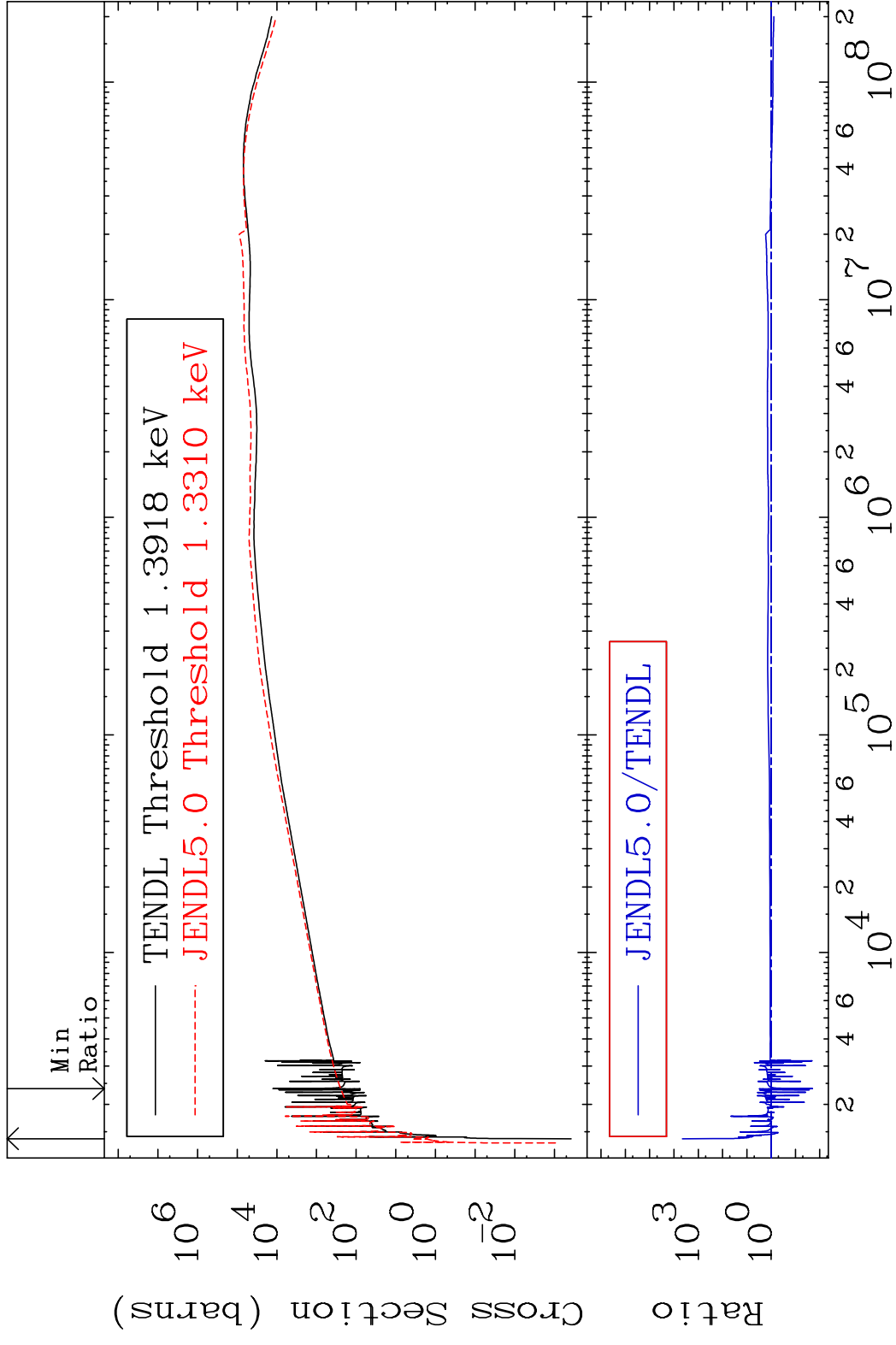
MAT 4234 Total kinematic kerma (high limit) 42-Mo-95
 Cross Section -98.58 To 3720. %



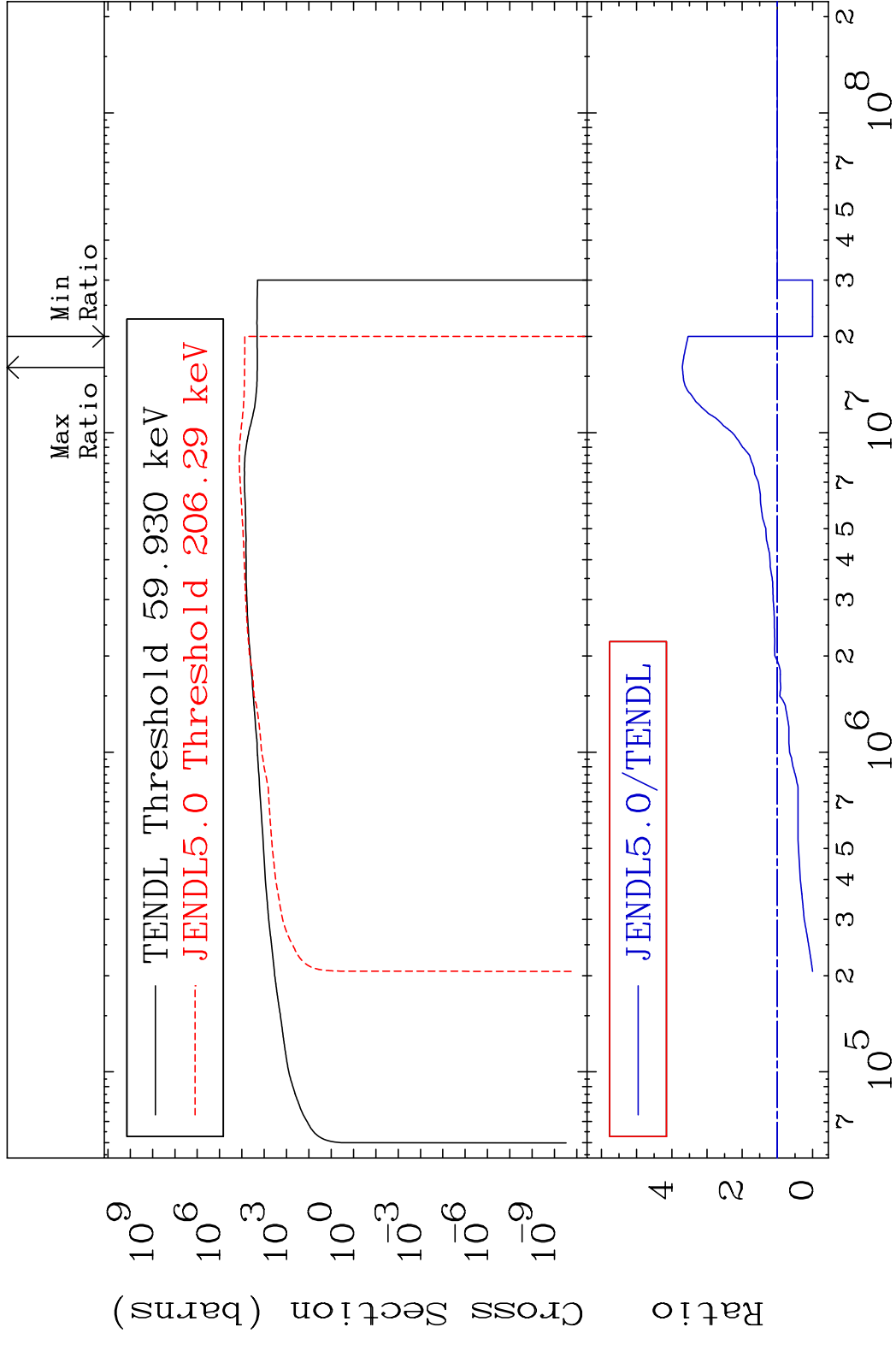
MAT 4234 Dpa total (eV-barns) 42-Mo-95
 Cross Section -95.10 To 9999. %



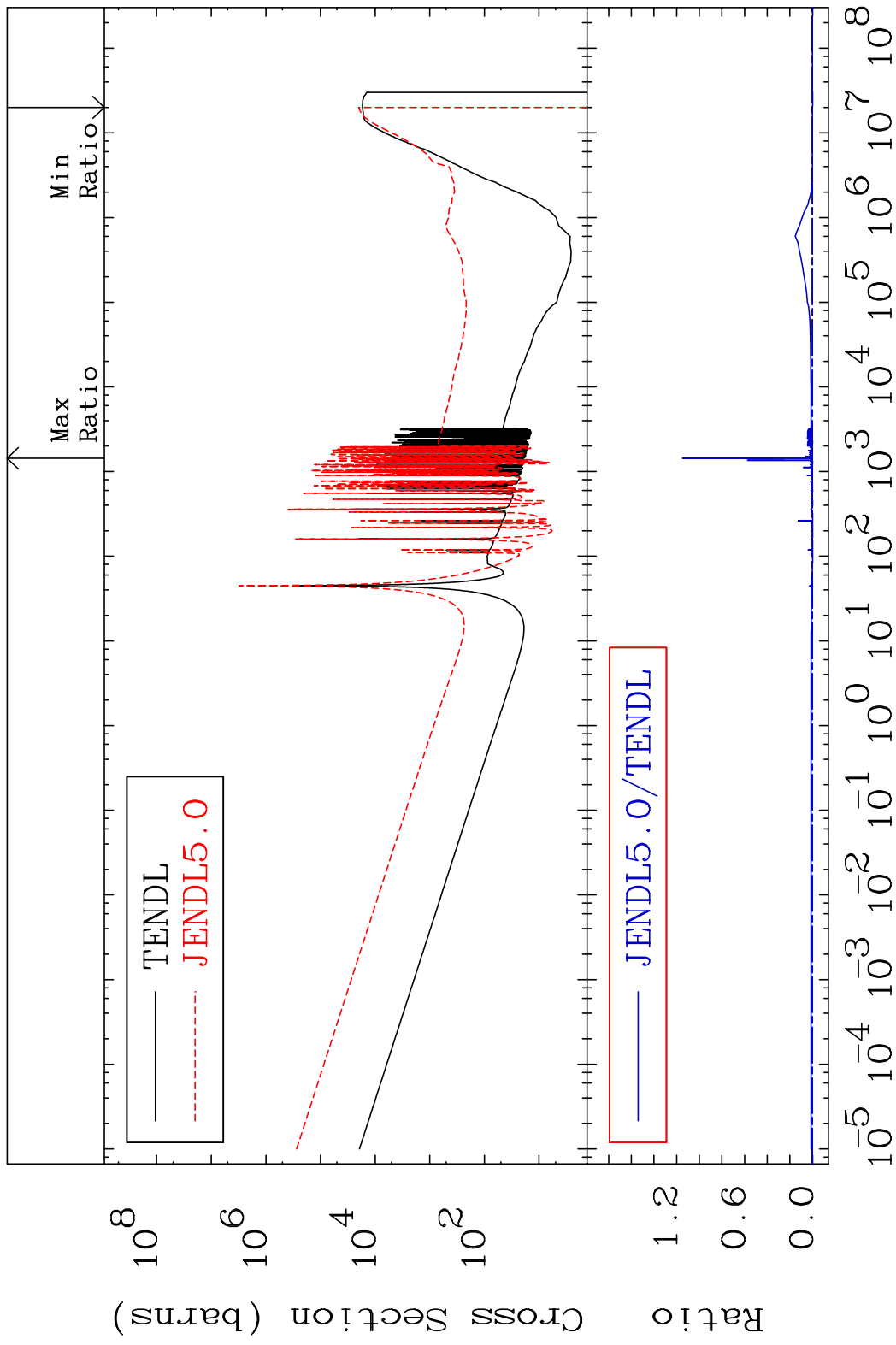
MAT 4234 Dpa elastic (mt2) 42-Mo-95
 Cross Section -98.02 To 9999. %



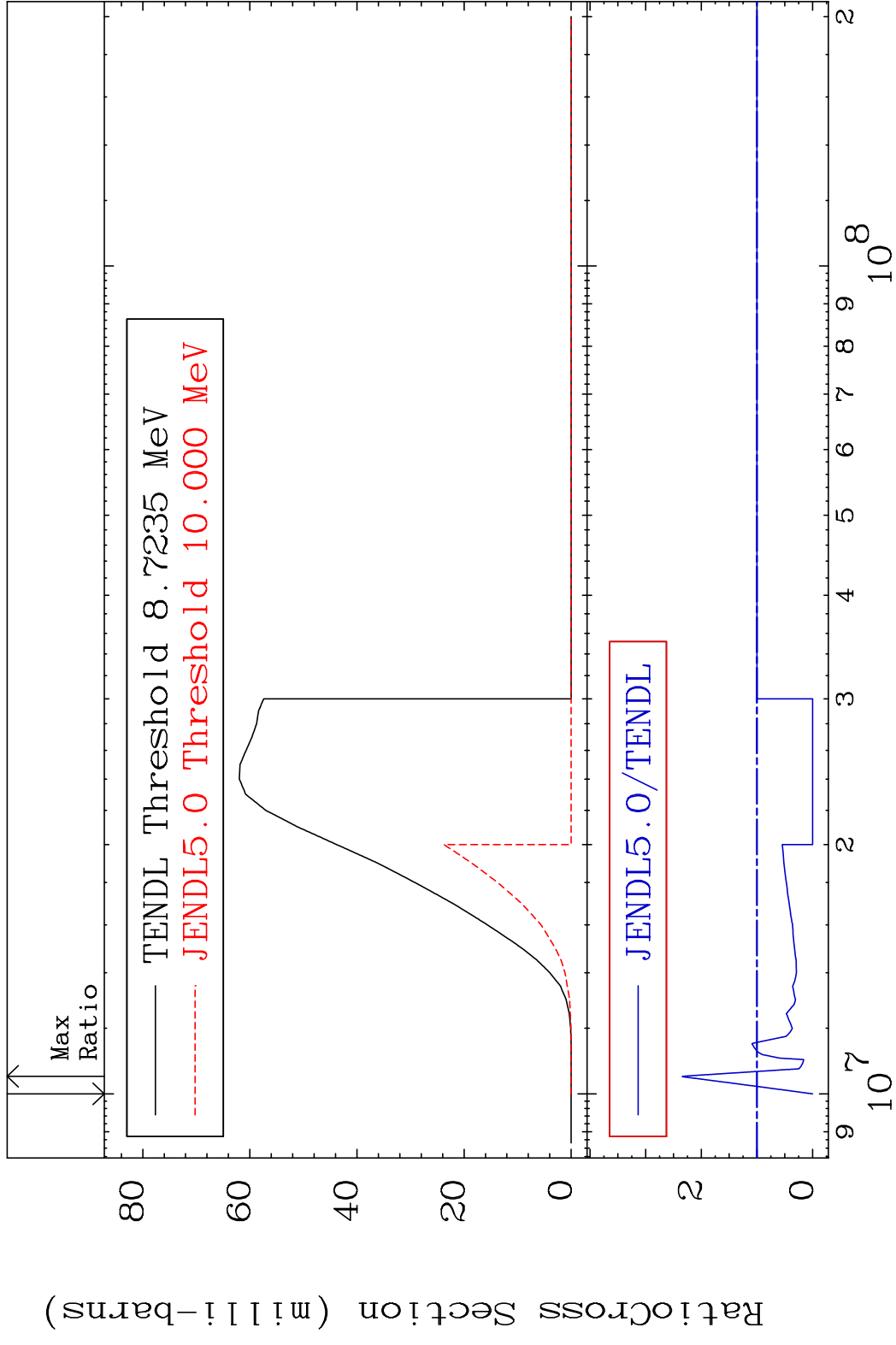
MAT 4234 Dpa inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 270.0 %



MAT 4234 Dpa disappearance (mt102 -120) 42-Mo-95
 Cross Section -100.0 To 9999. %

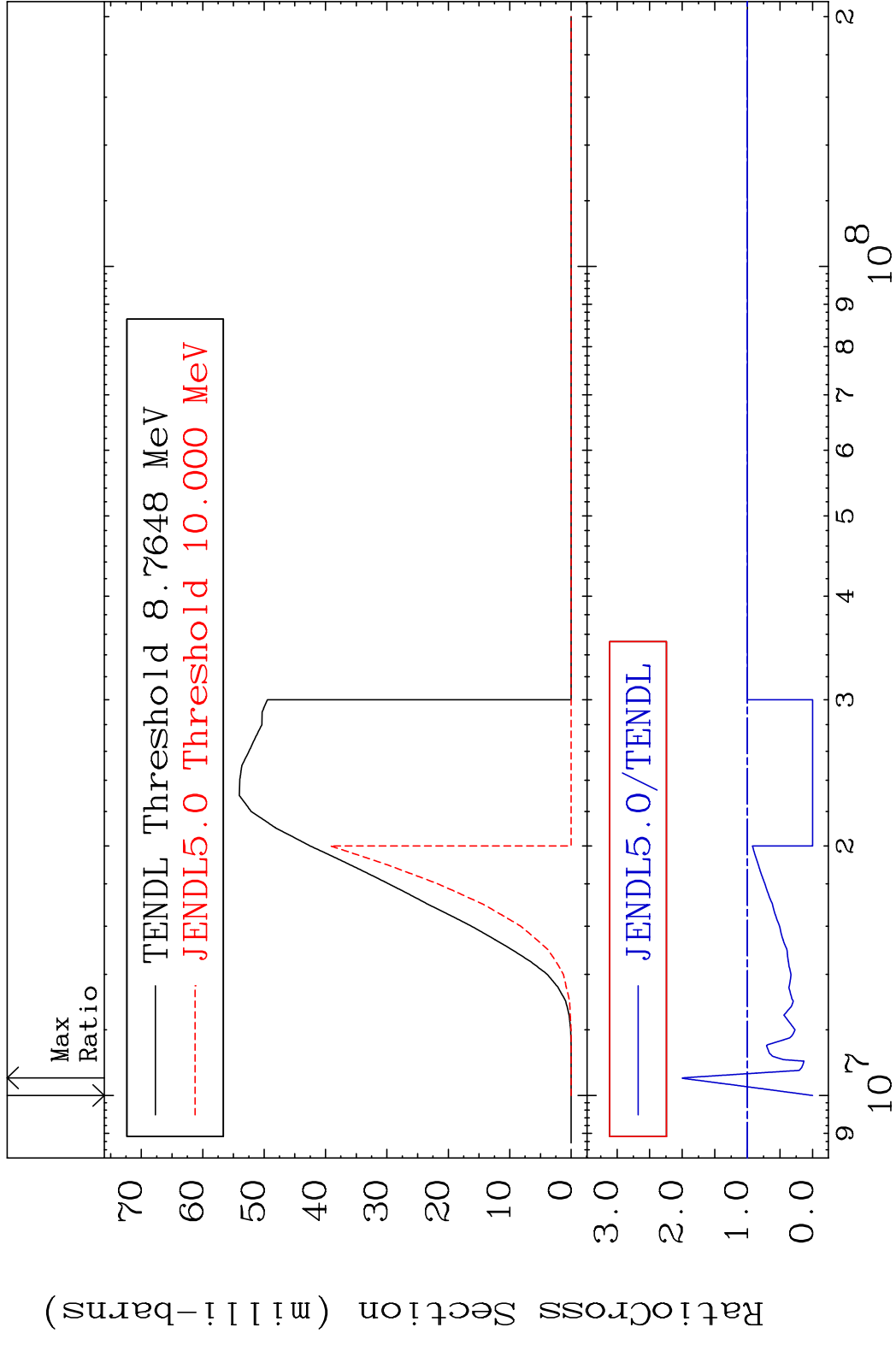


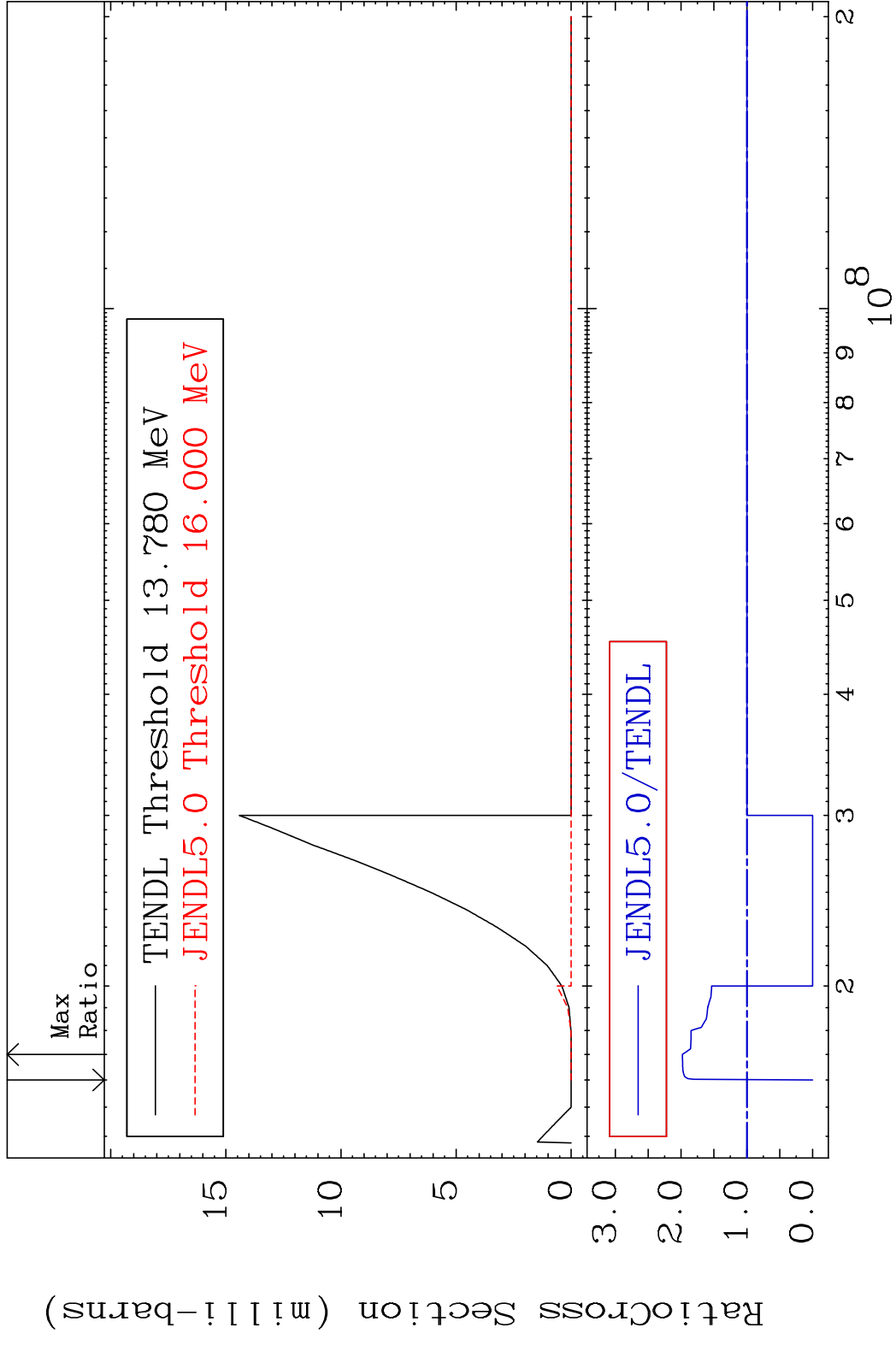
MAT 4234 (n, n') p:41-Nb-94g 42-Mo-95
 Radionuclide Production Cross Section Ratio 133.9 %



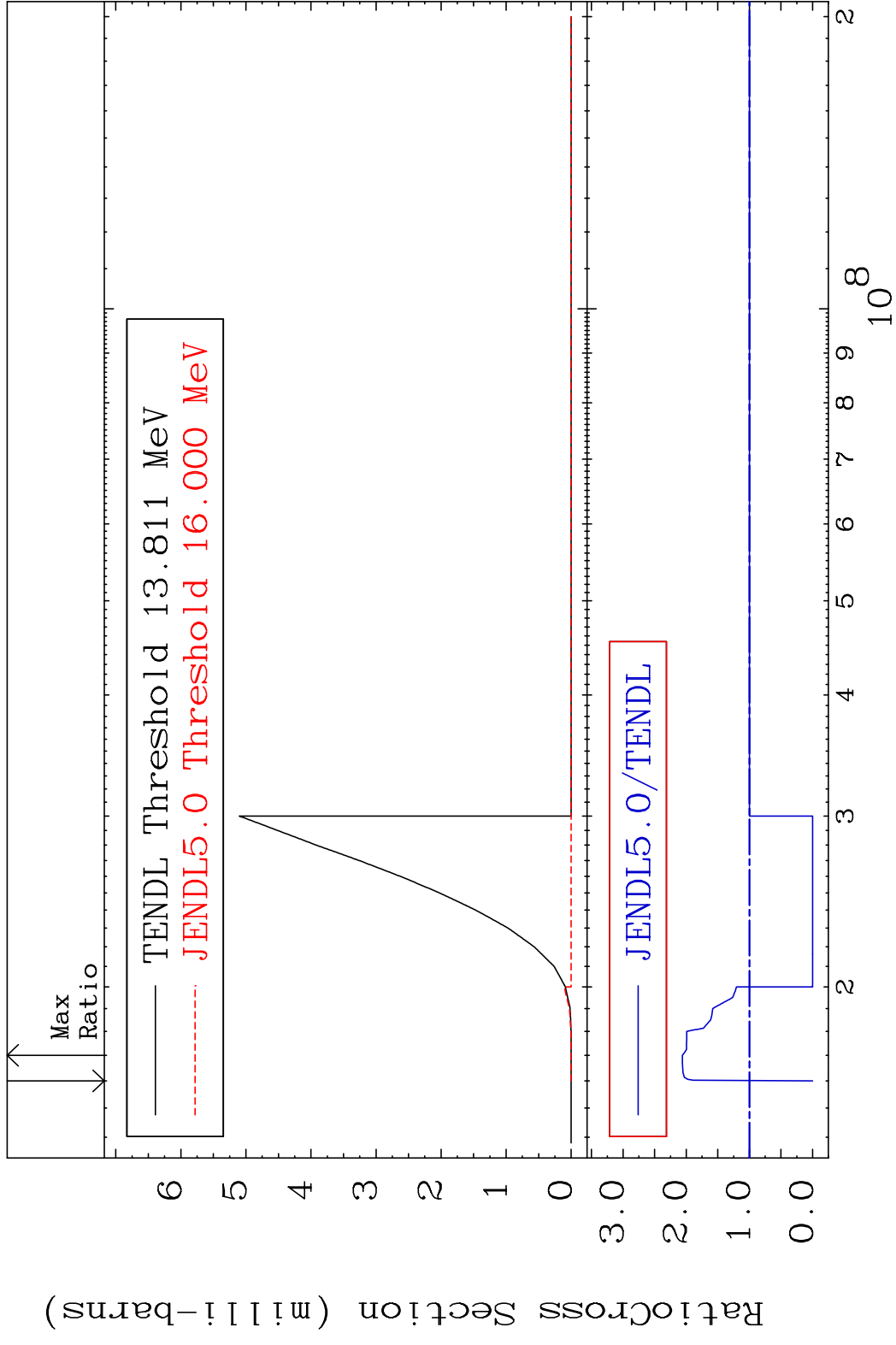
60 Incident Energy (eV) 42-Mo-95

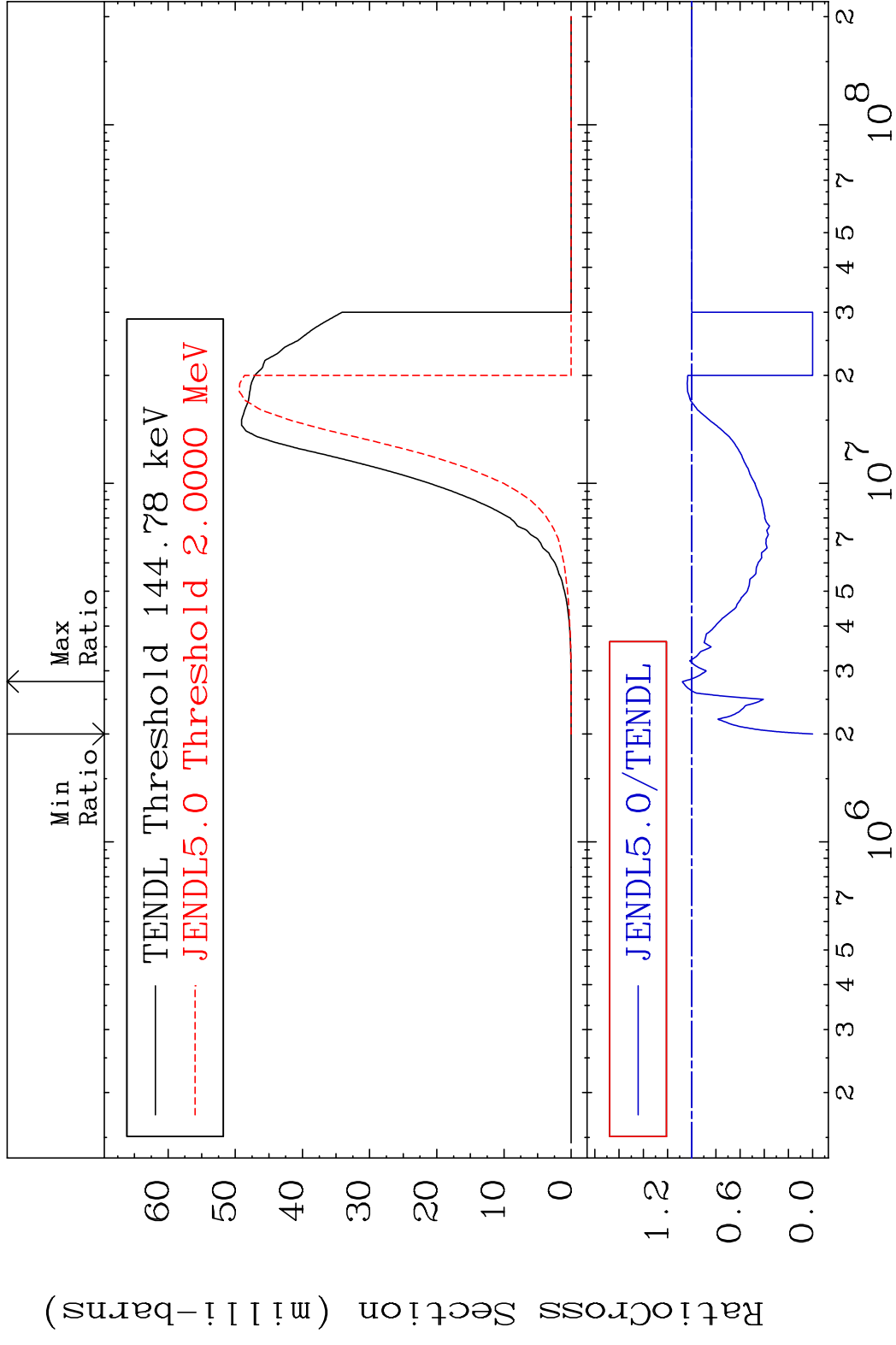
MAT 4234 (n, n') p:41-Nb-94m1 42-Mo-95
 Radionuclide Production Cross Section Ratio 99.83 %



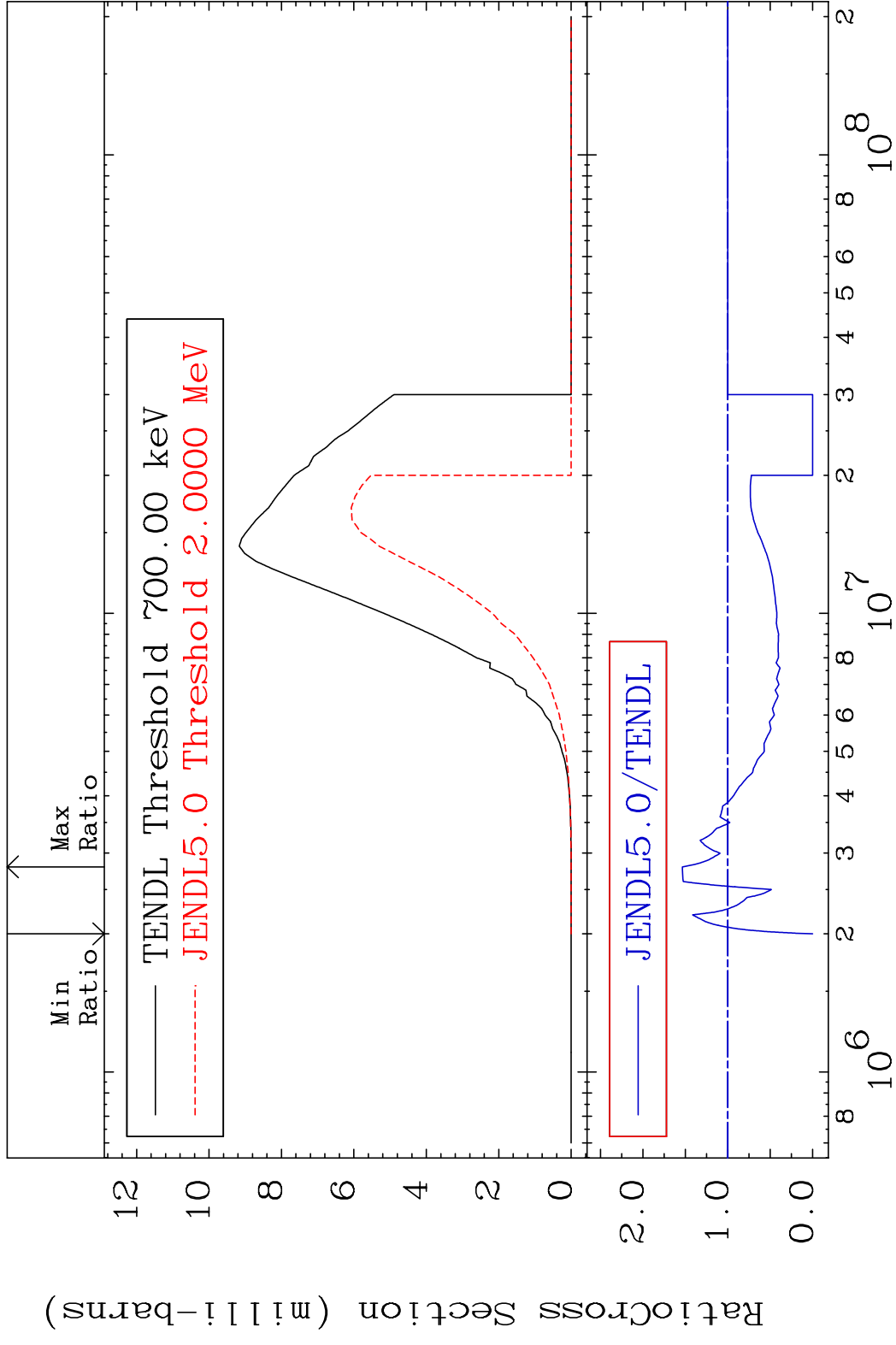


MAT 4234 (n, n') d:41-Nb-93m1 42-Mo-95
 Radionuclide Production Cross Section Ratio 106.1 %

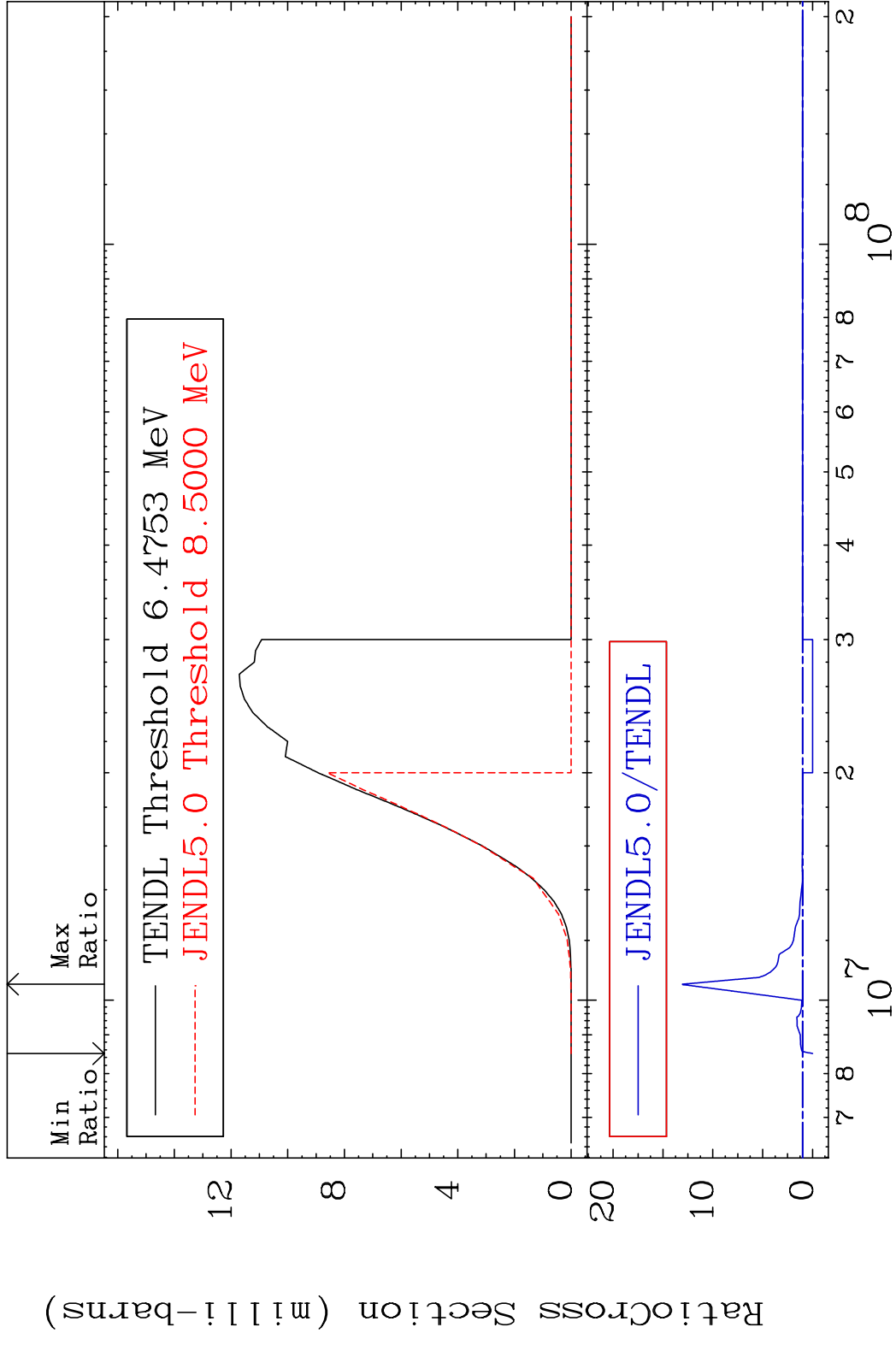




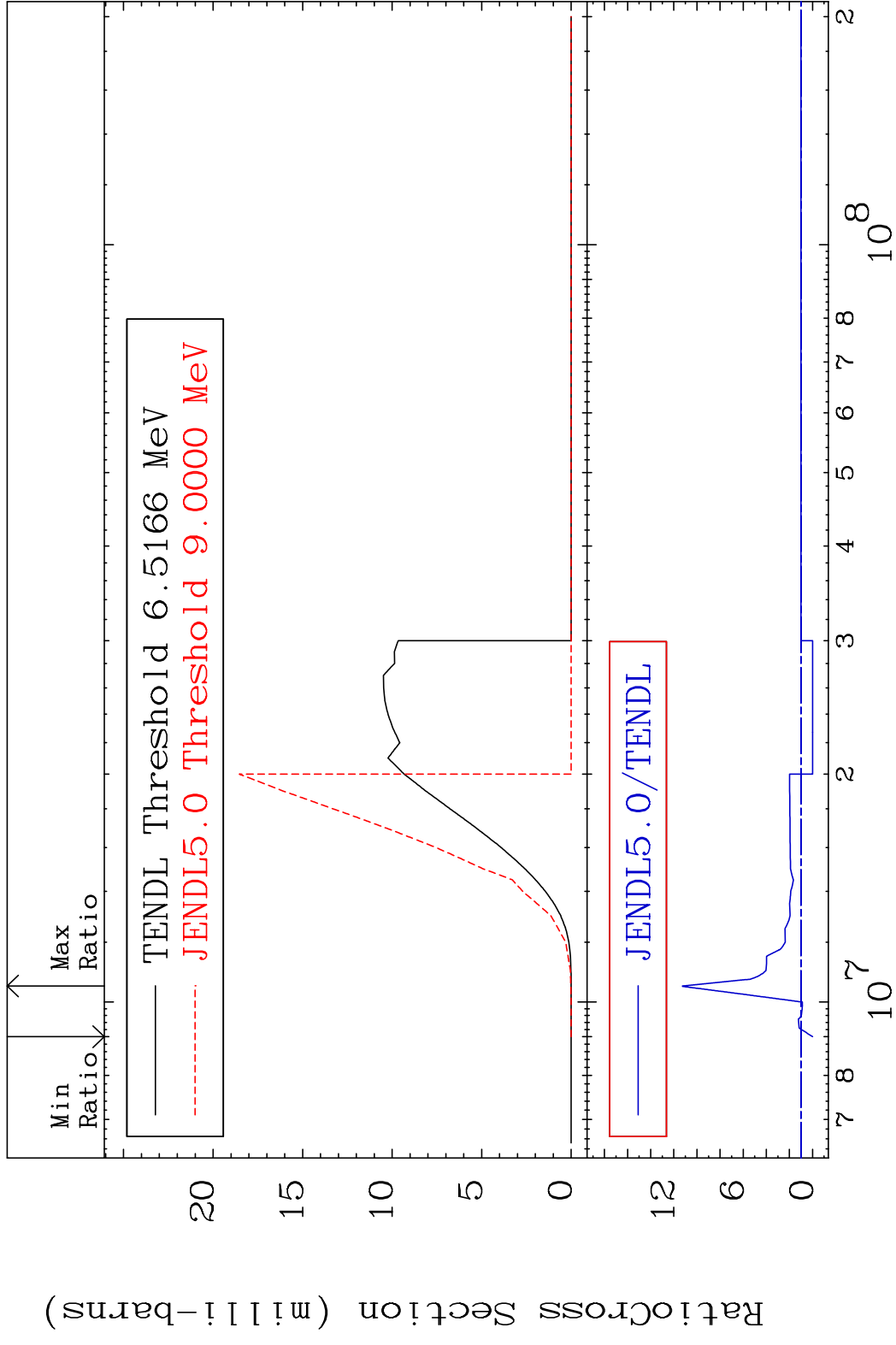
MAT 4234 (n,p):41-Nb-95m1 42-Mo-95
 Radionuclide Production Cross Section 180.01 dth 53.59 %



65 Incident Energy (eV) 42-Mo-95



MAT 4234 (n, d) : 41-Nb-94m1 42-Mo-95
 Radionuclide Production Cross Section 100.00 dth 1026. %



MAT 4234 (n, t): 41-Nb-93g 42-Mo-95
 Radionuclide Production Cross Section Ratio 953.9 %

