

Program Complot
(Version 2021-1)

by

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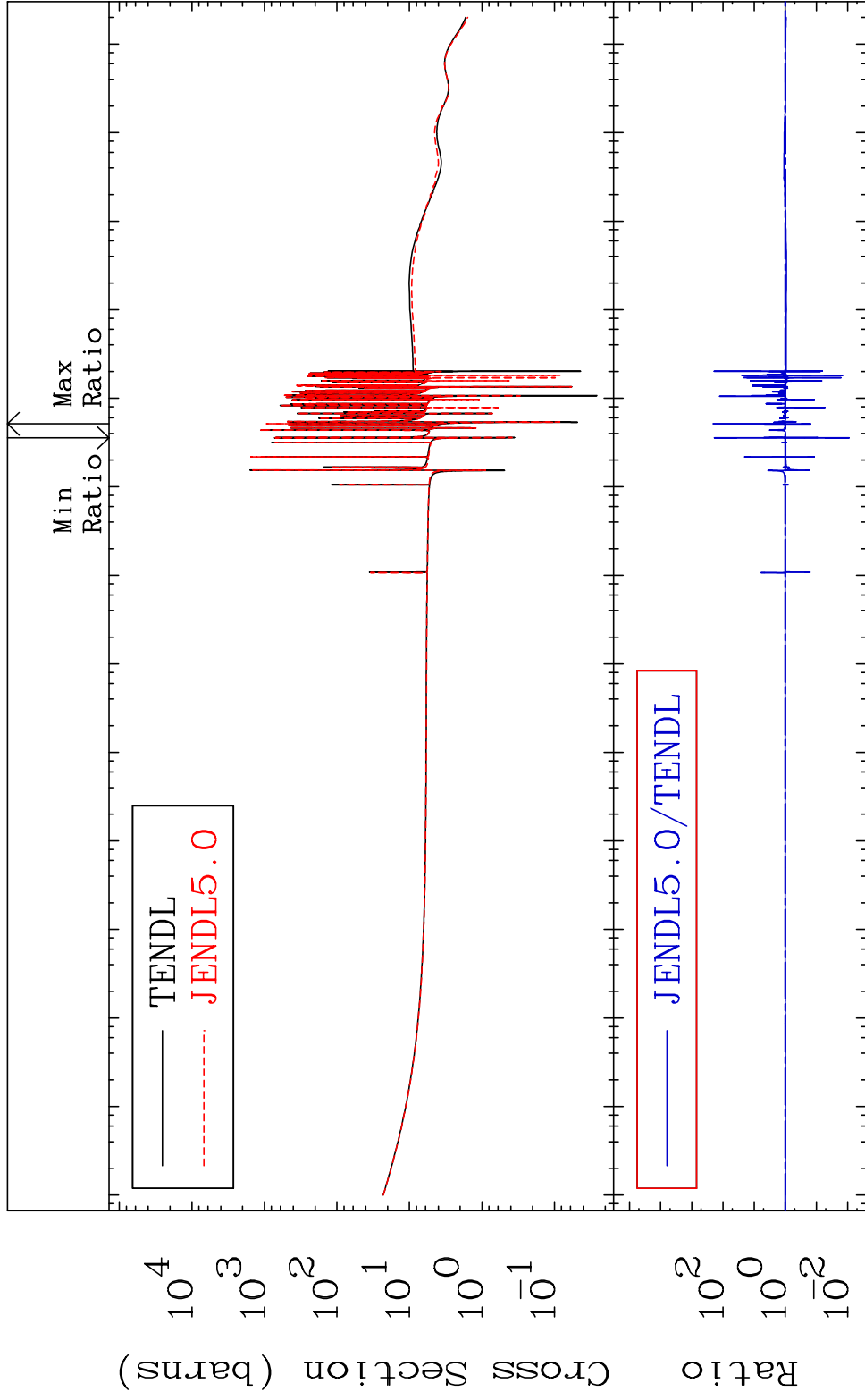
Press Mouse Button to Start

MAT 4231

Total

42-Mo-94

Cross Section -99.12 To 9999. %



1

Incident Energy (eV)

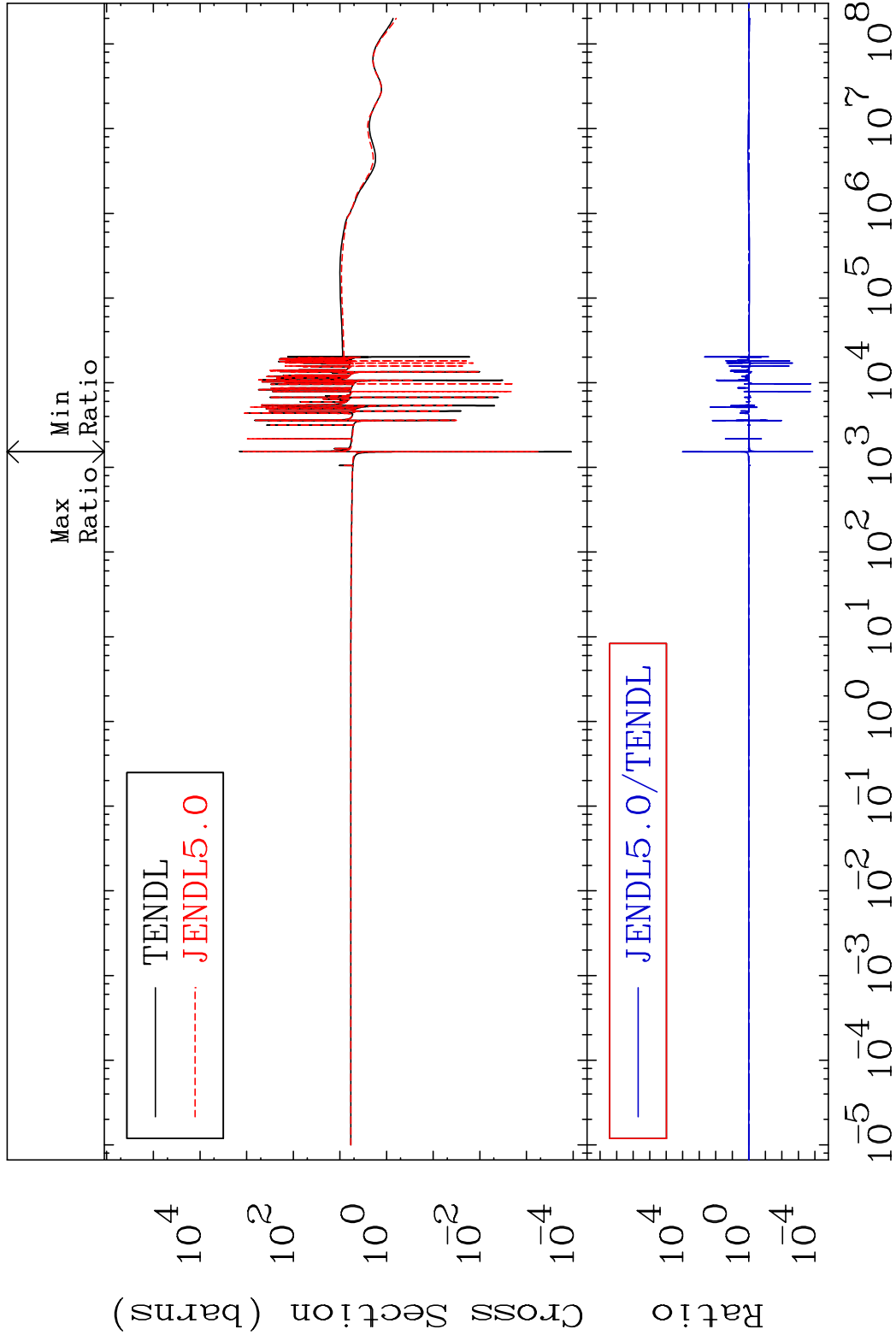
42-Mo-94

MAT 4231

Elastic

42-Mo-94

Cross Section -99.99 To 9999. %

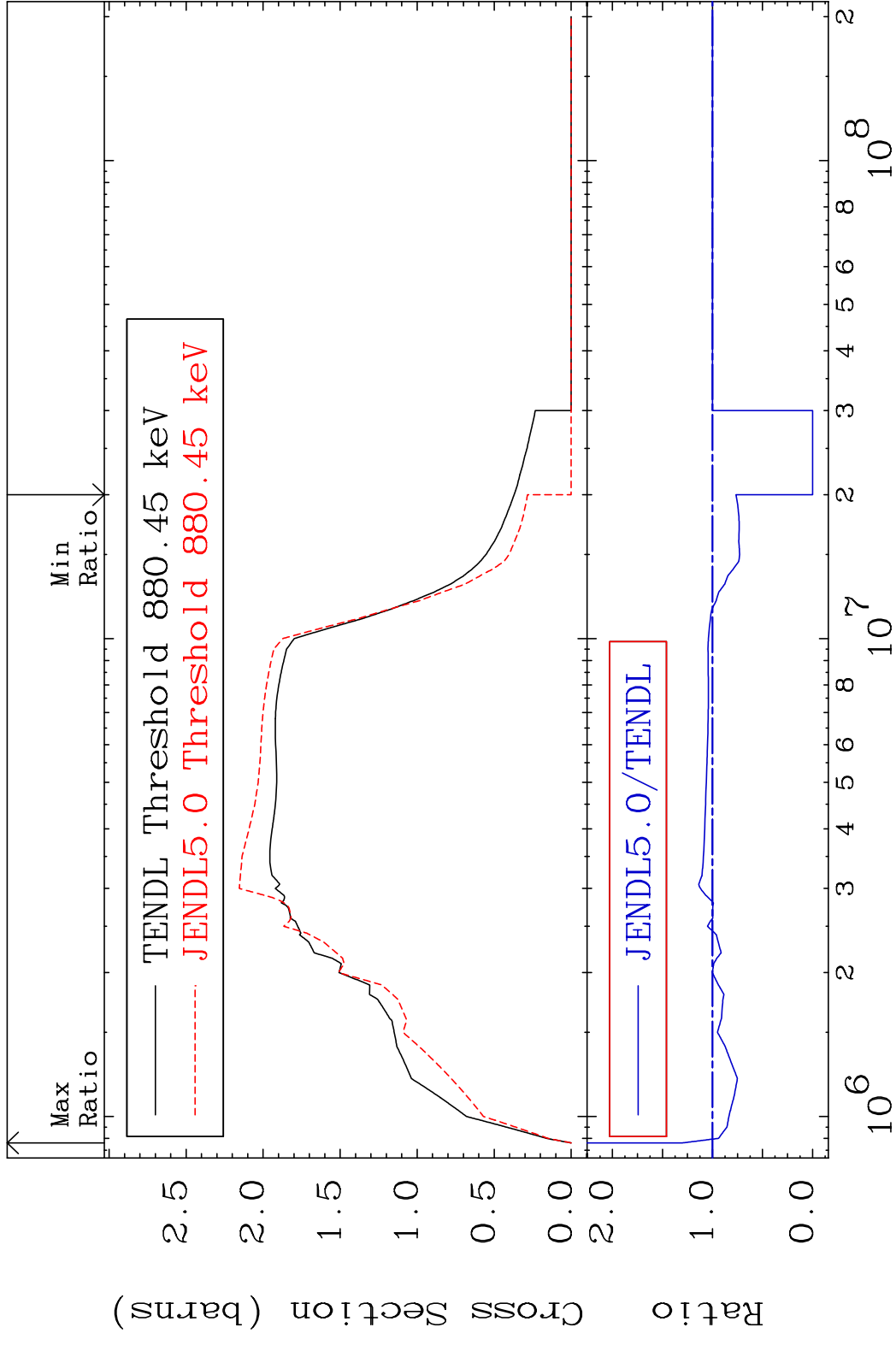


2

Incident Energy (eV)

42-Mo-94

MAT 4231 Inelastic Cross Section -100.0 To 30.16 % 42-Mo-94



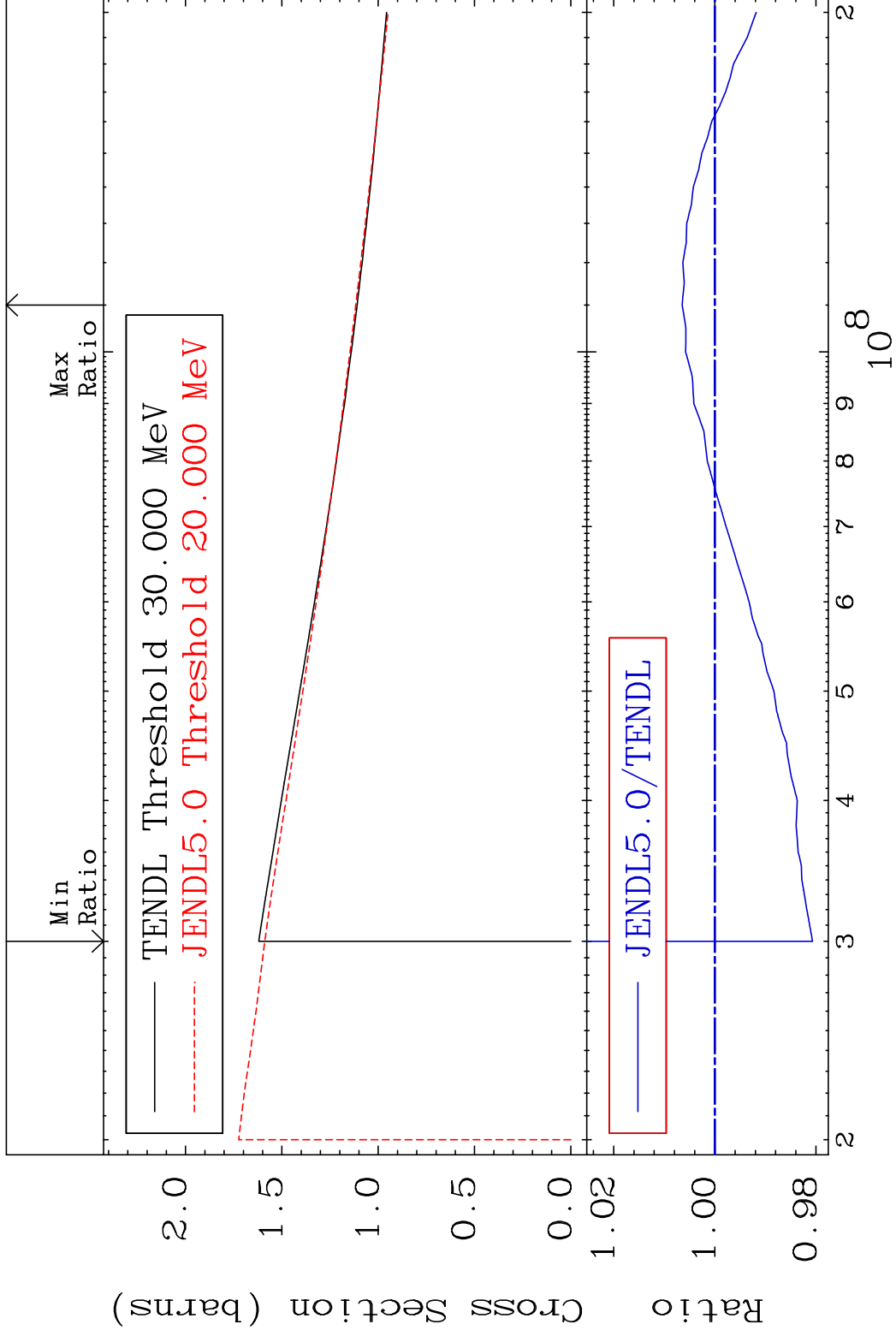
3 Incident Energy (eV) 42-Mo-94

MAT 4231

(n, remainder)

42-Mo-94

Cross Section -1.929 To 0.647 %



4

Incident Energy (eV)

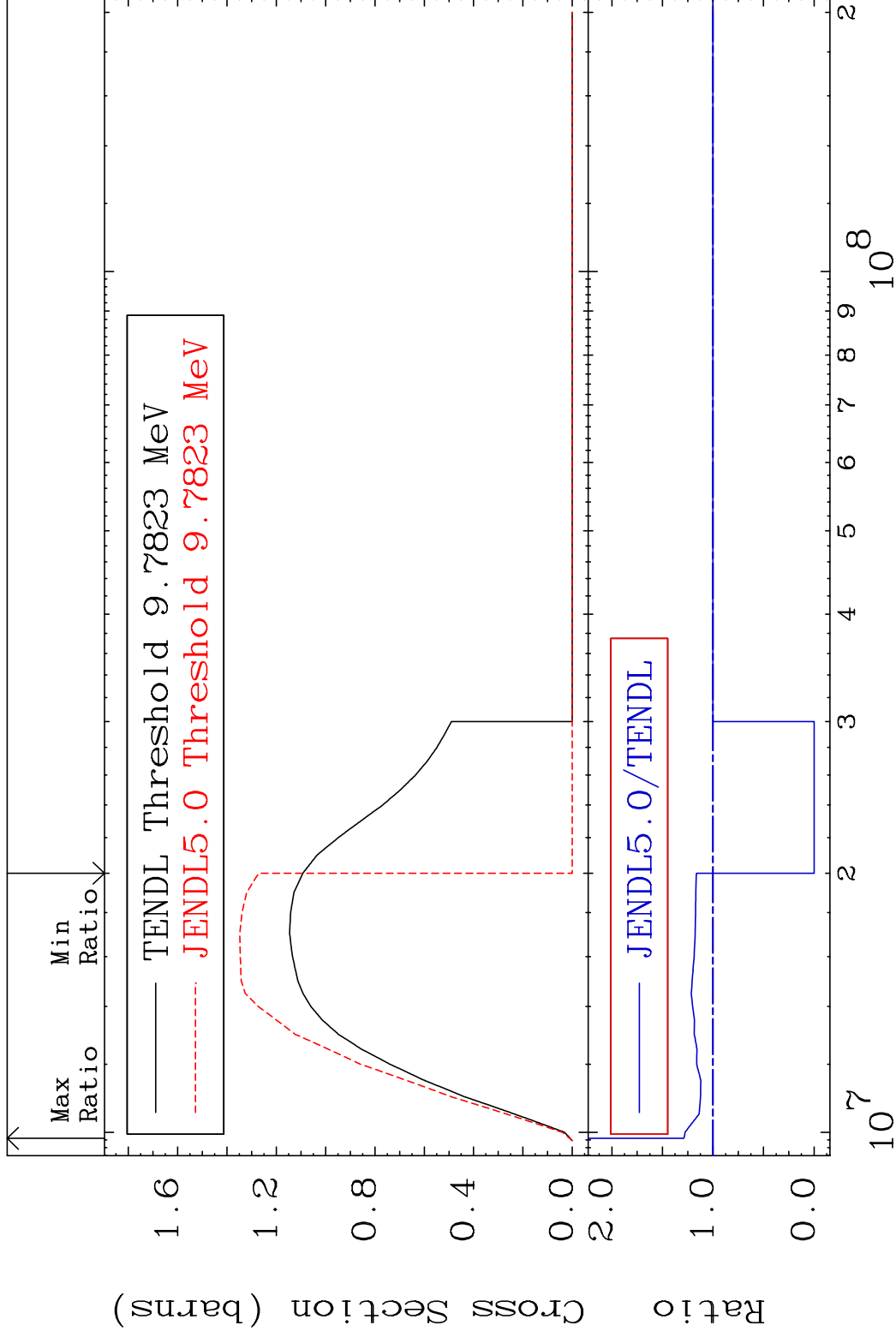
42-Mo-94

MAT 4231

(n,2n)

42-Mo-94

Cross Section -100.0 To 29.00 %

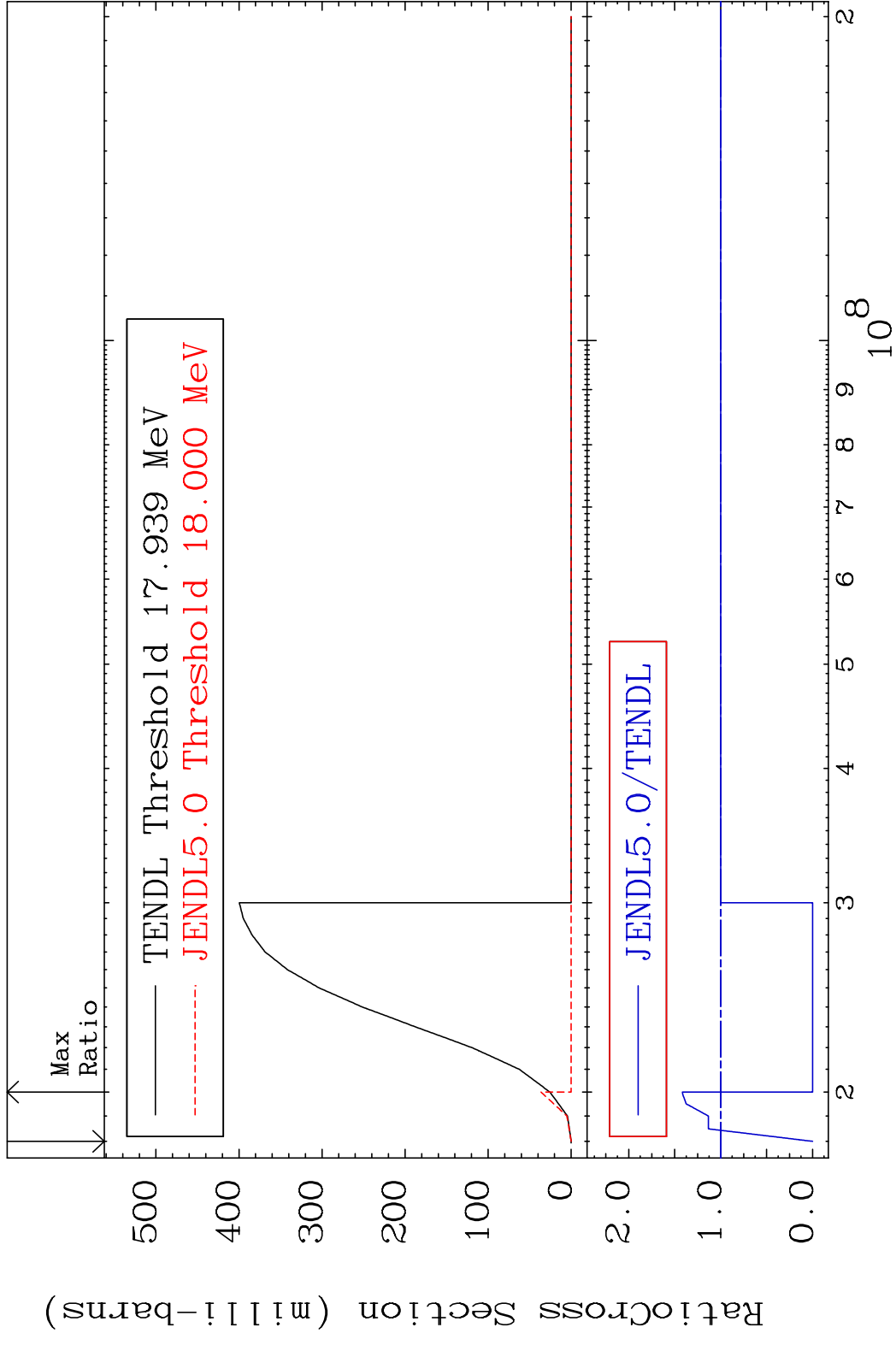


5

Incident Energy (eV)

42-Mo-94

MAT 4231 (n,3n) 42-Mo-94
 Cross Section -100.0 To 41.69 %

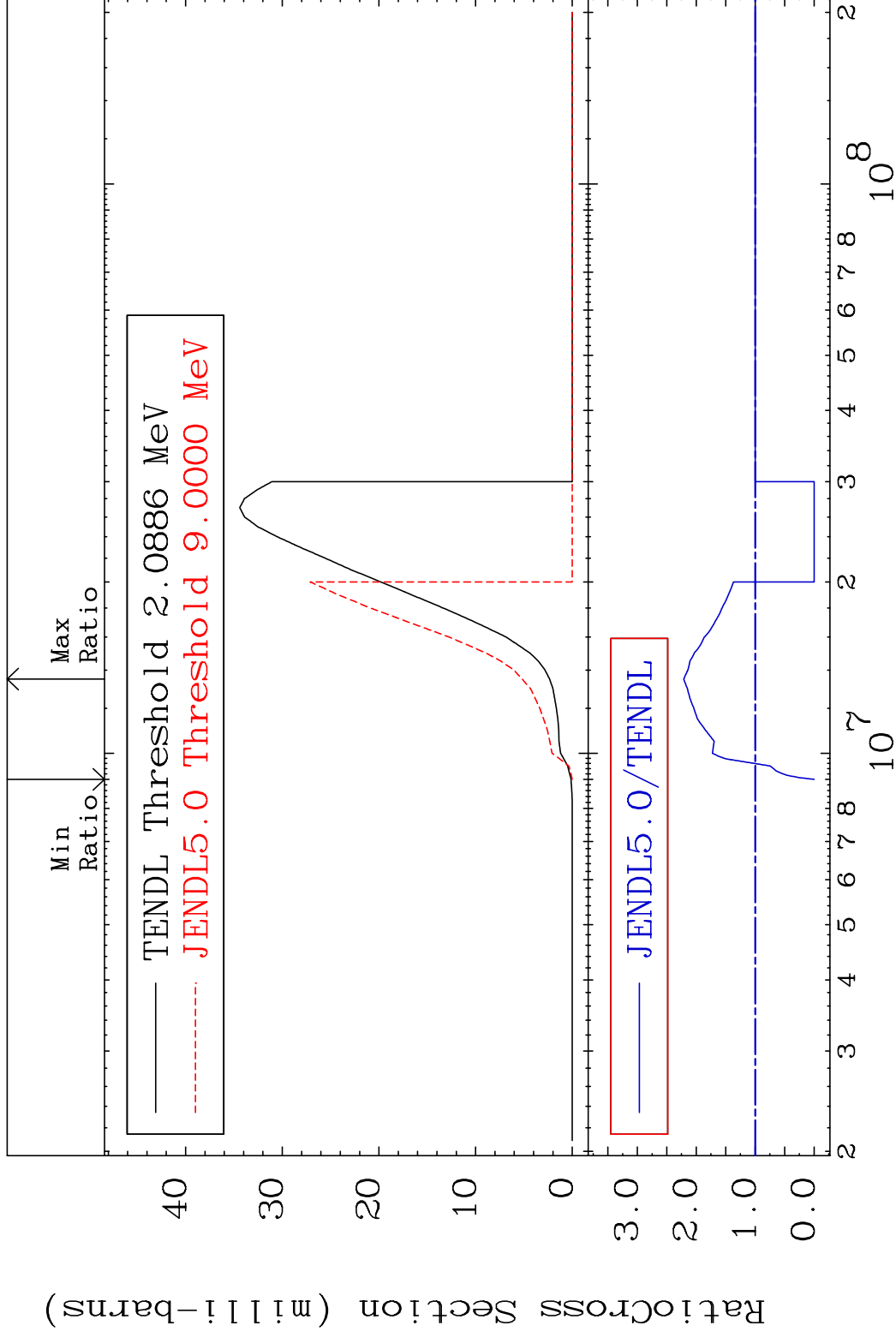


MAT 4231

(n, n') α

42-Mo-94

Cross Section -100.0 To 121.4 %



7

Incident Energy (eV)

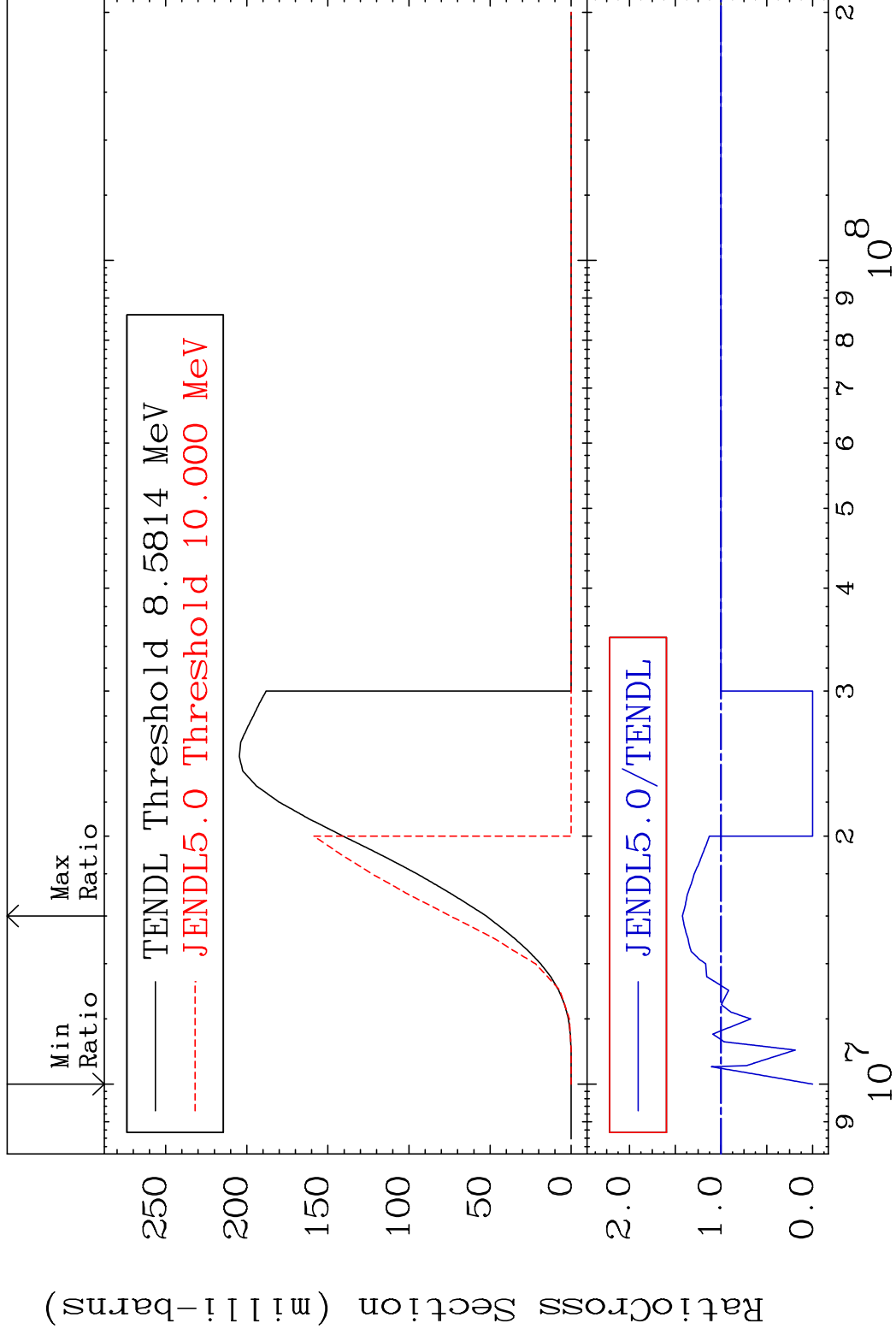
42-Mo-94

MAT 4231

(n, n') p

42-Mo-94

Cross Section -100.0 To 42.27 %



8

Incident Energy (eV)

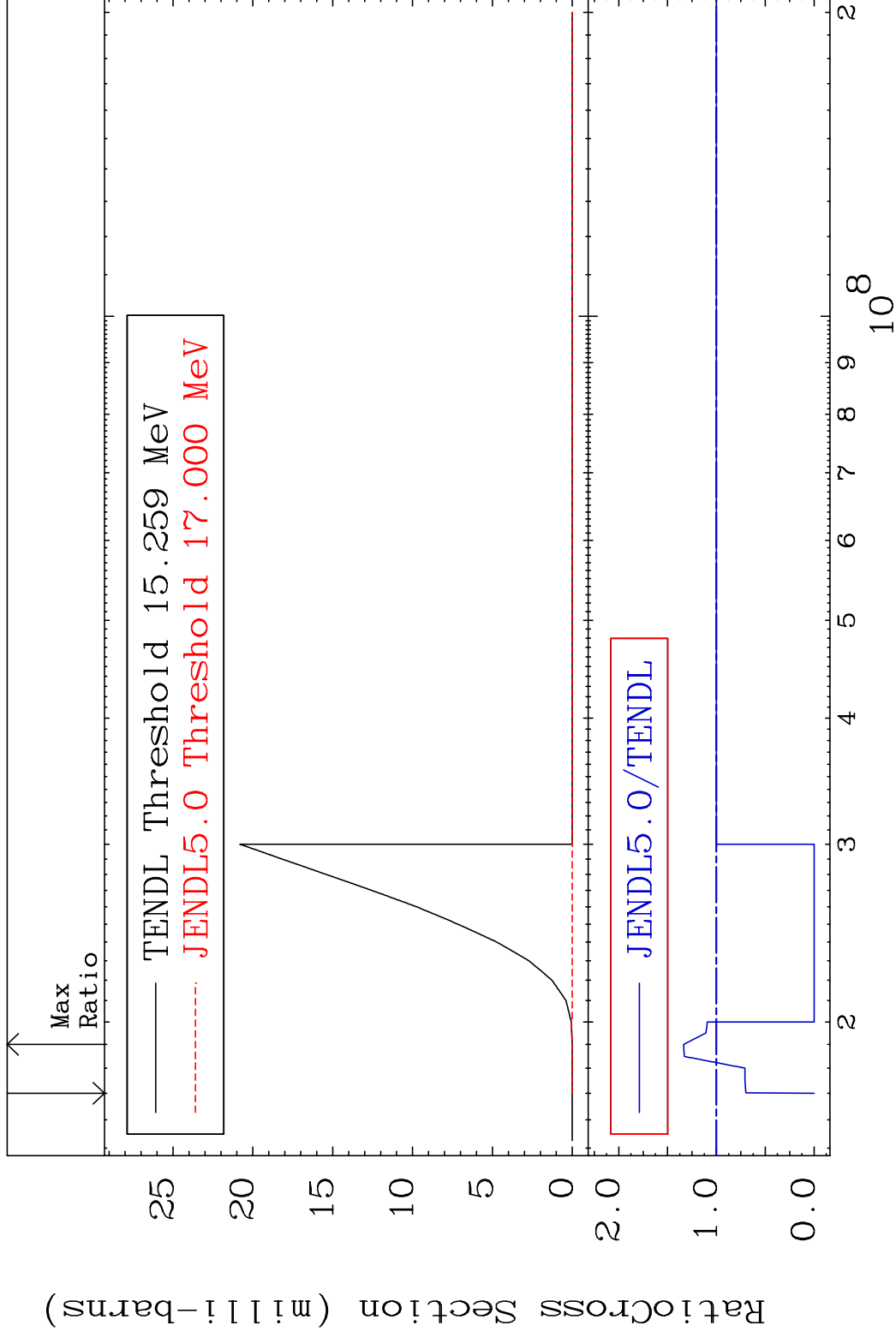
42-Mo-94

MAT 4231

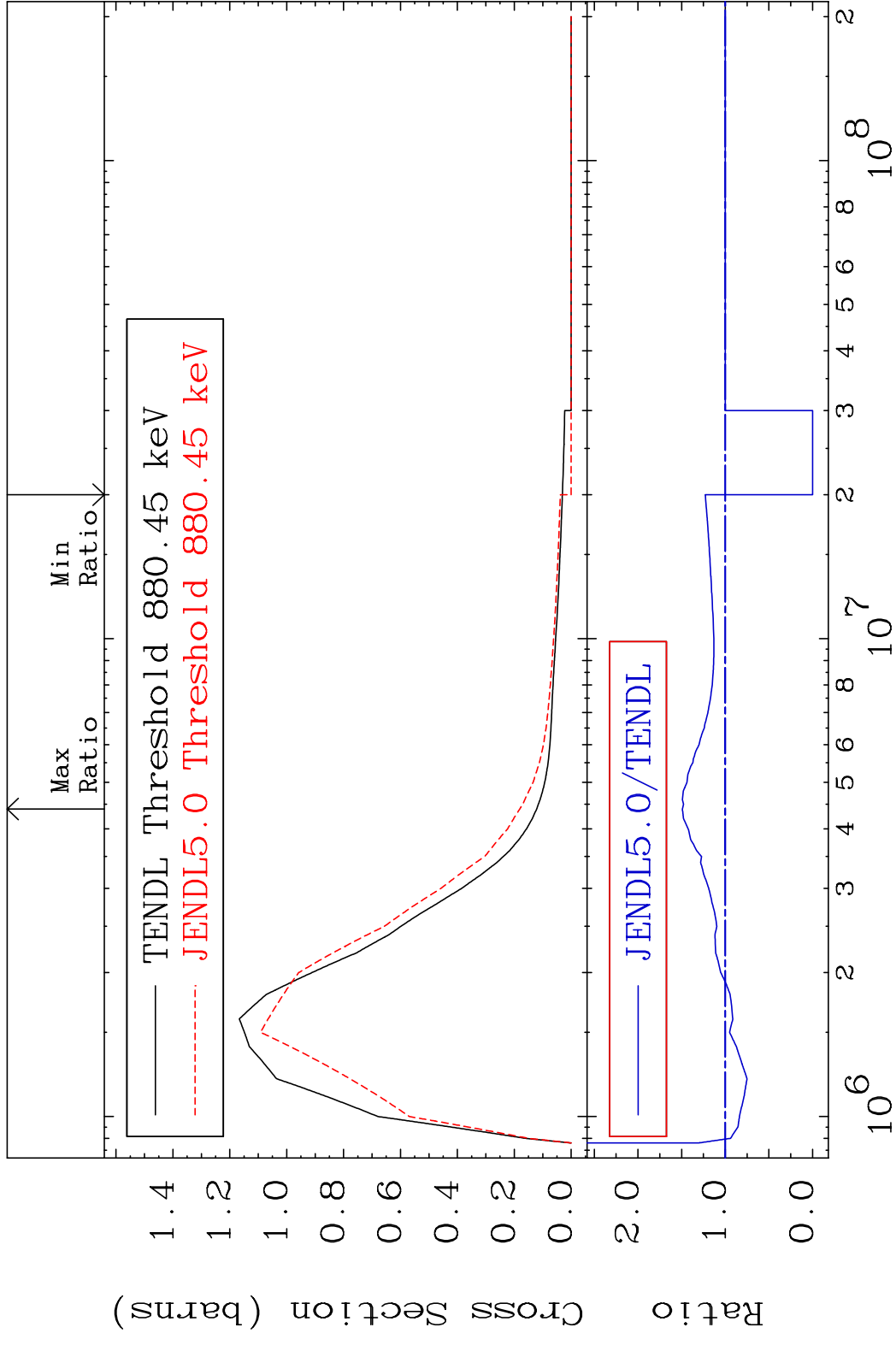
(n, n') d

42-Mo-94

Cross Section -100.0 To 33.54 %

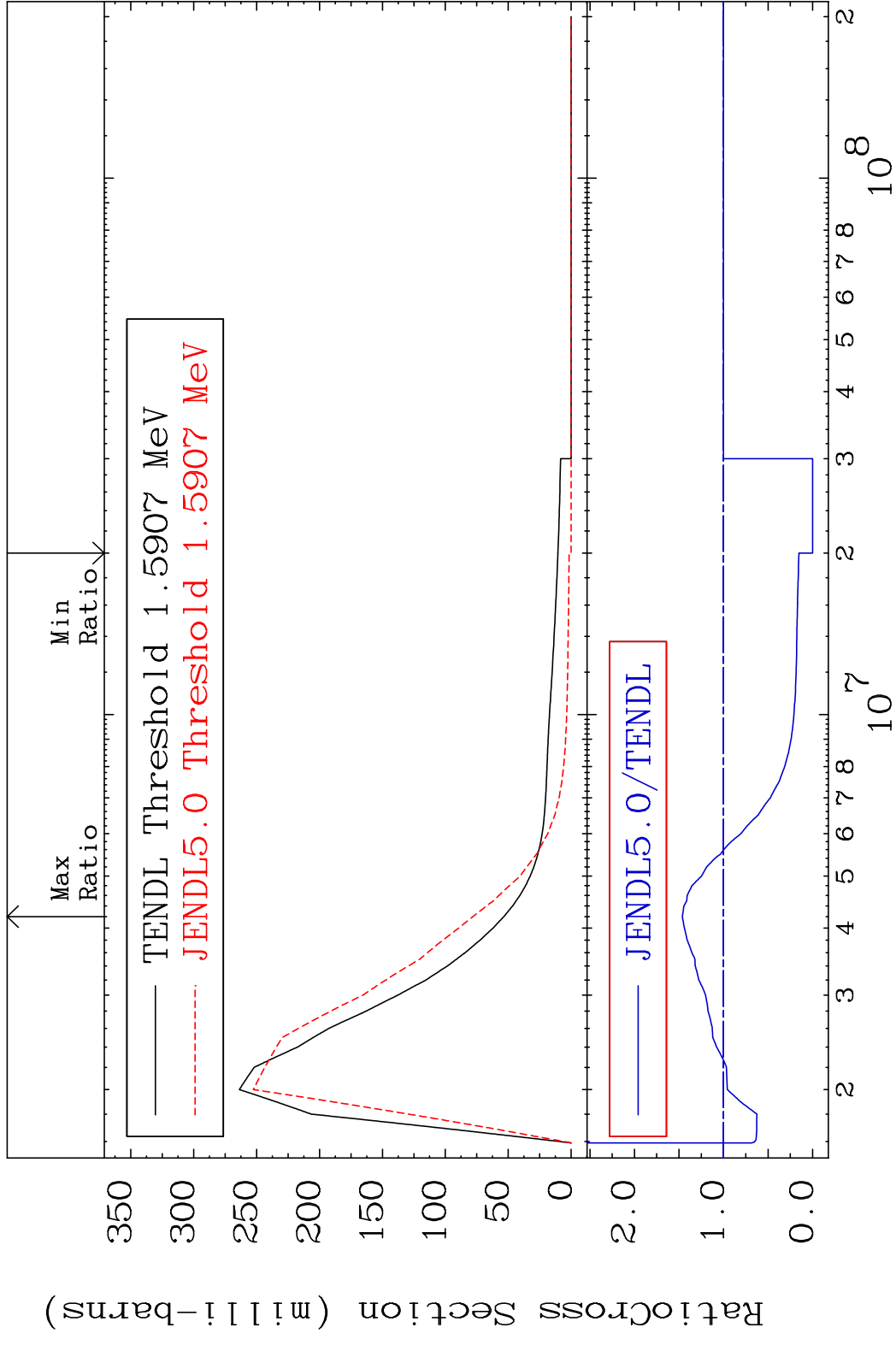


MAT 4231 MT= 51 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 49.13 %

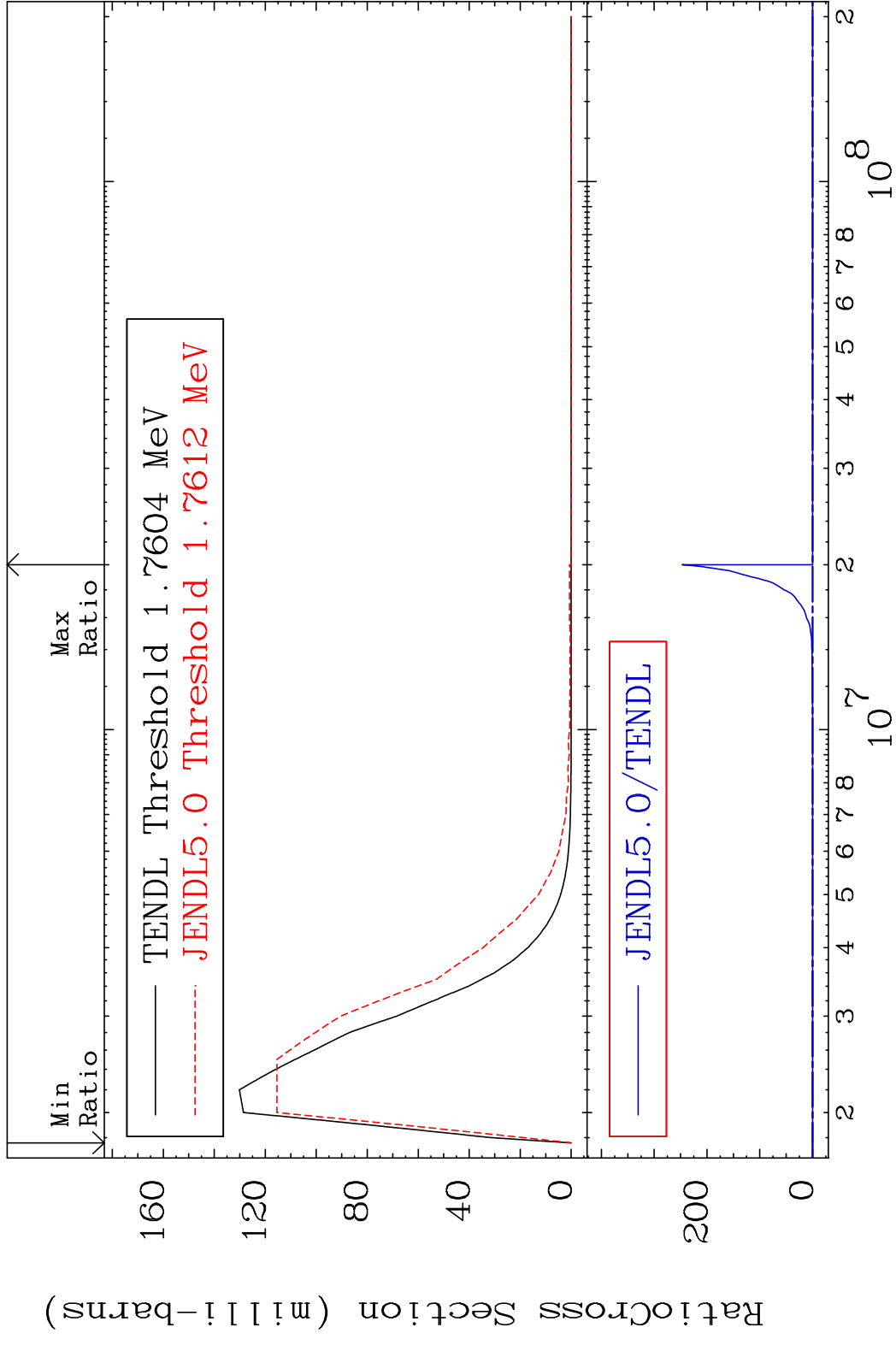


10 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 52 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 46.21 %

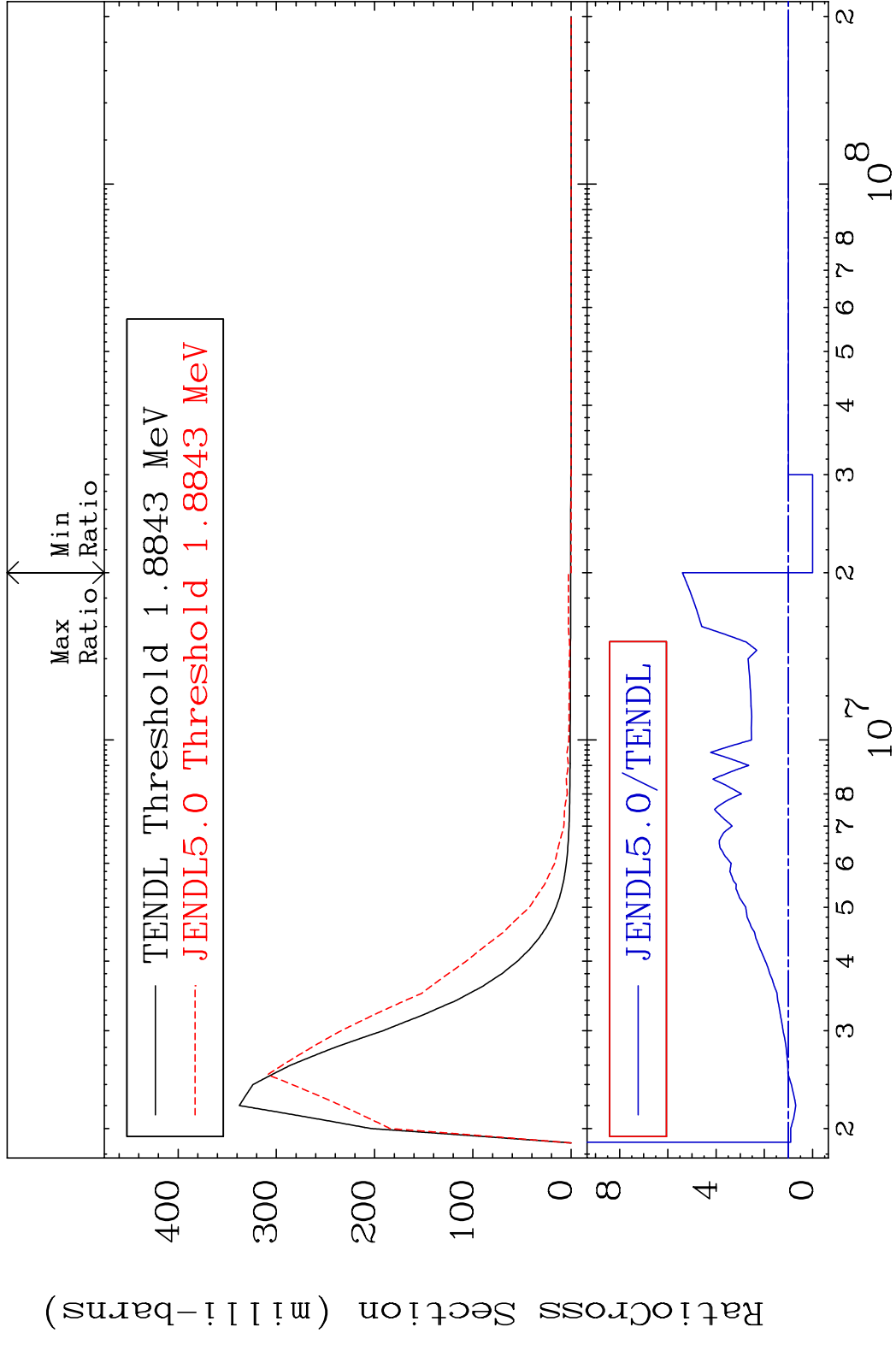


MAT 4231 MT= 53 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %

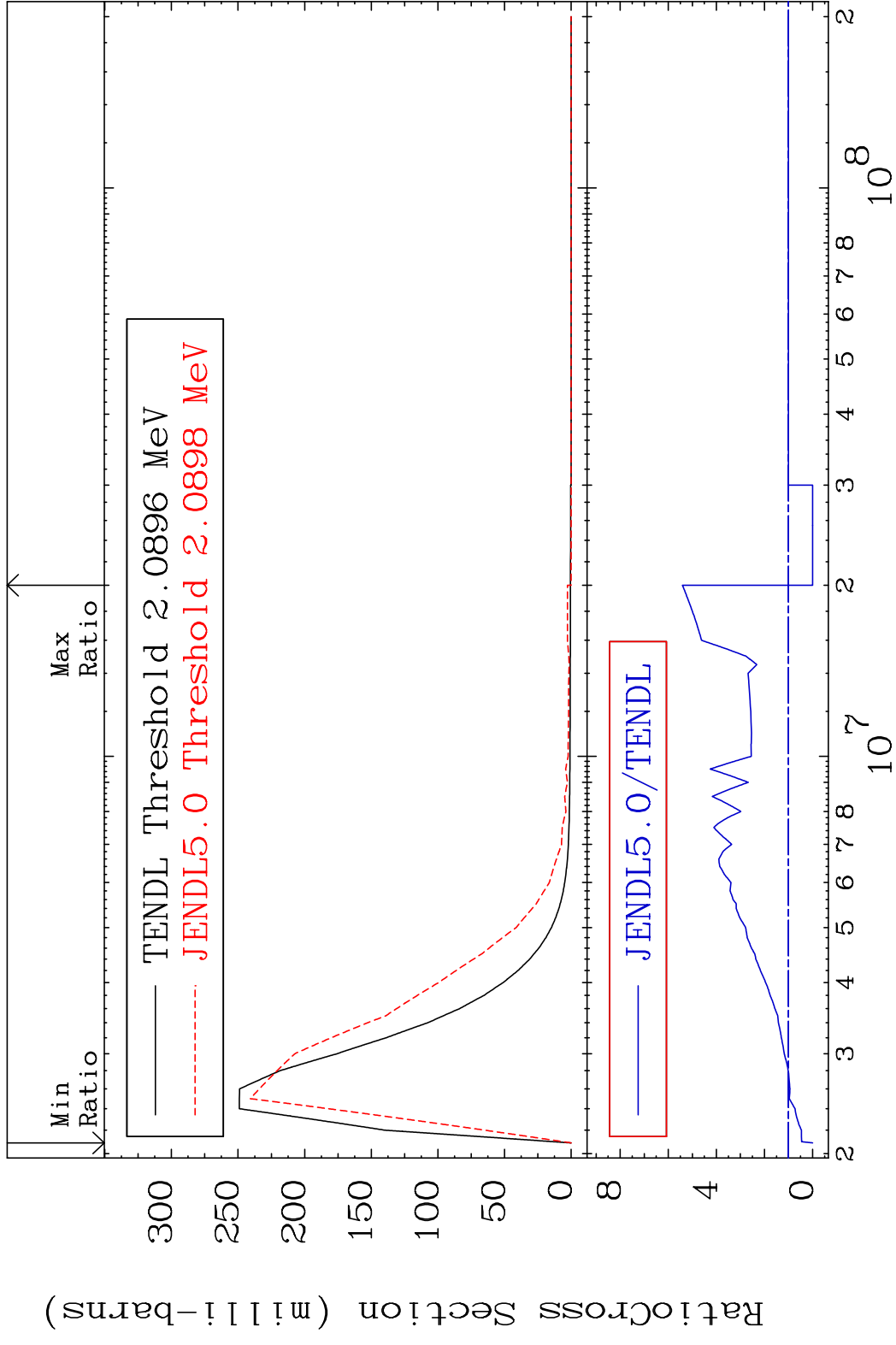


12 42-Mo-94

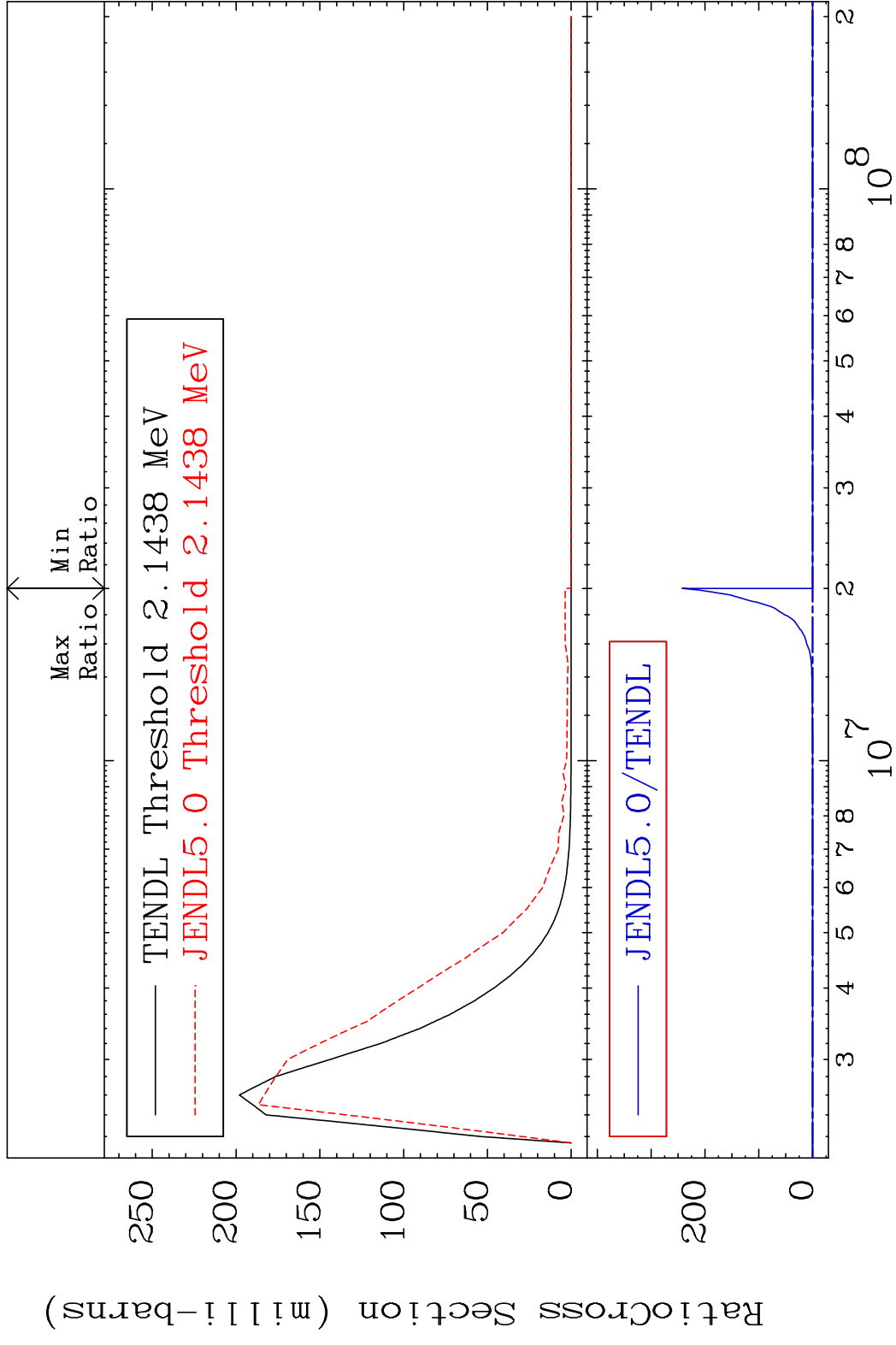
MAT 4231 MT= 54 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 439.9 %



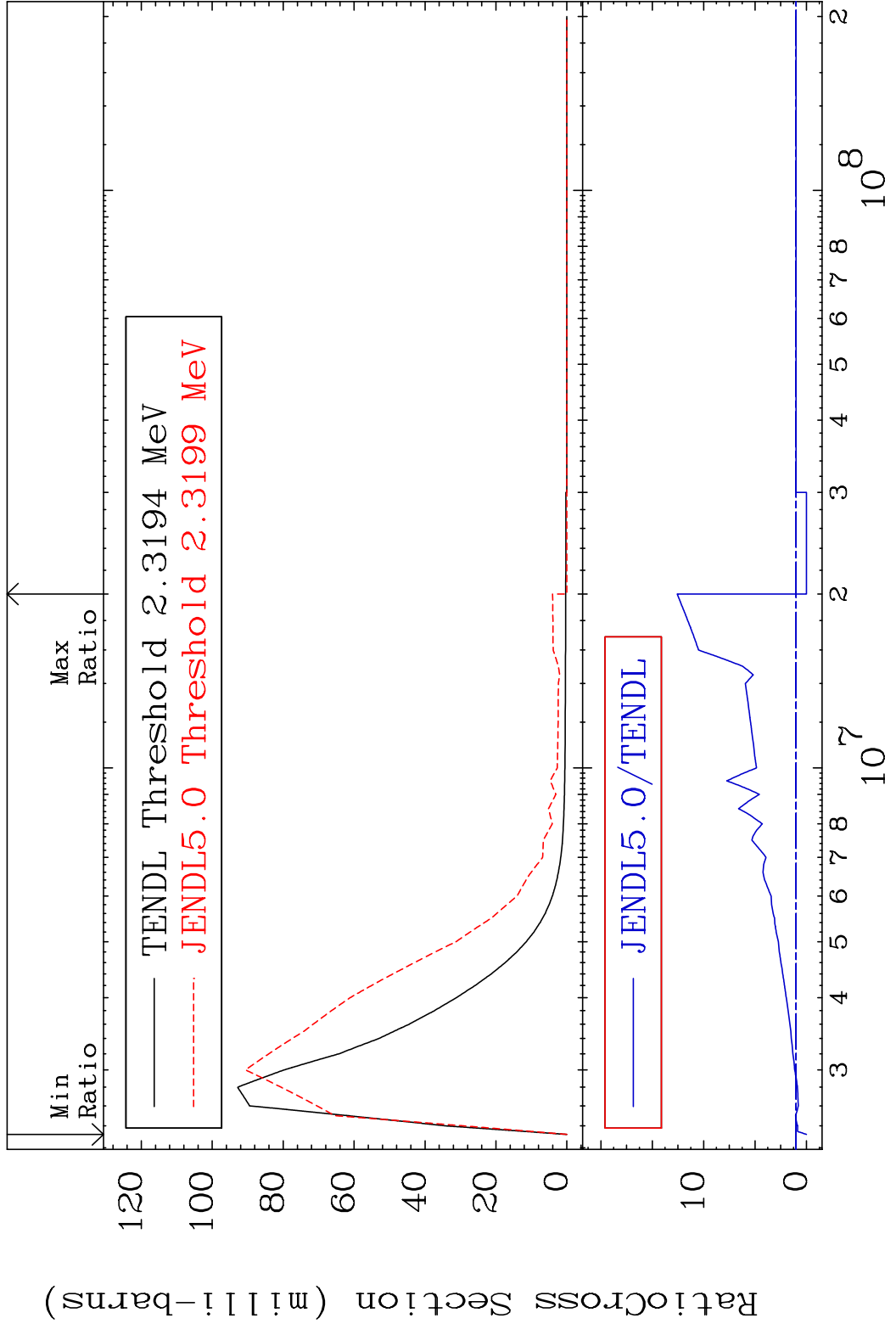
MAT 4231 MT= 55 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 441.4 %



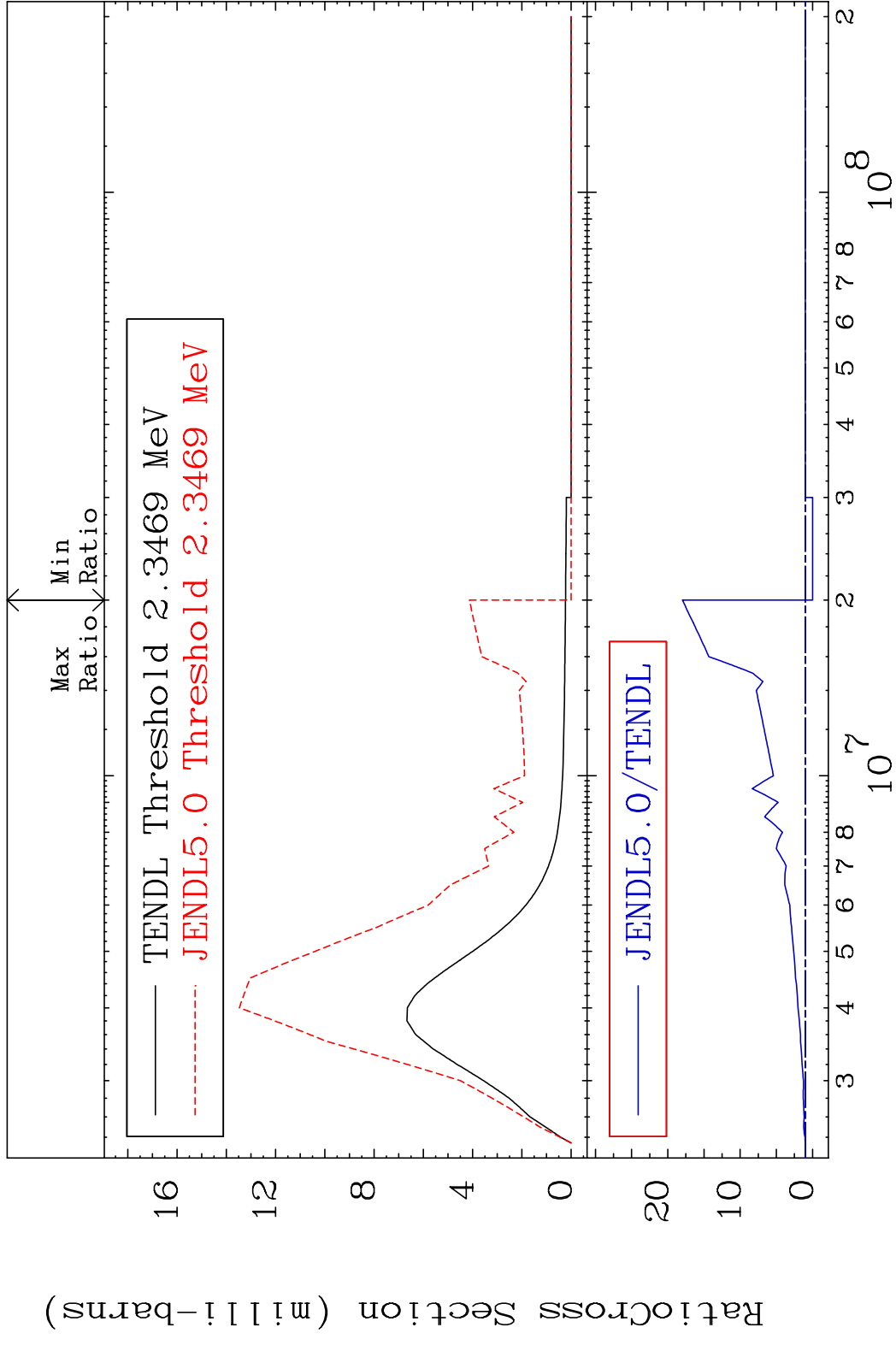
MAT 4231 MT= 56 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



MAT 4231 MT= 57 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1157. %

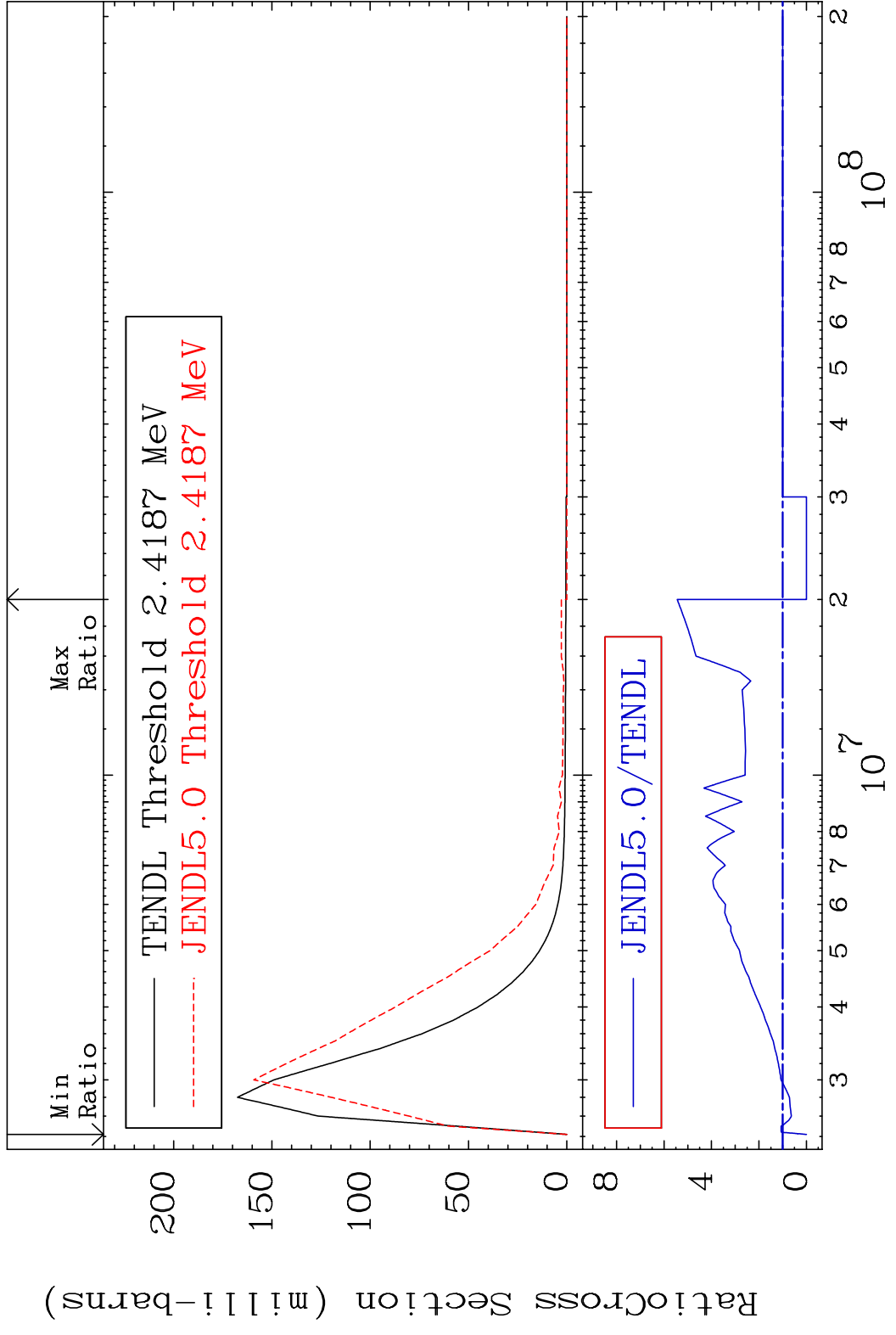


MAT 4231 MT= 58 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1699. %

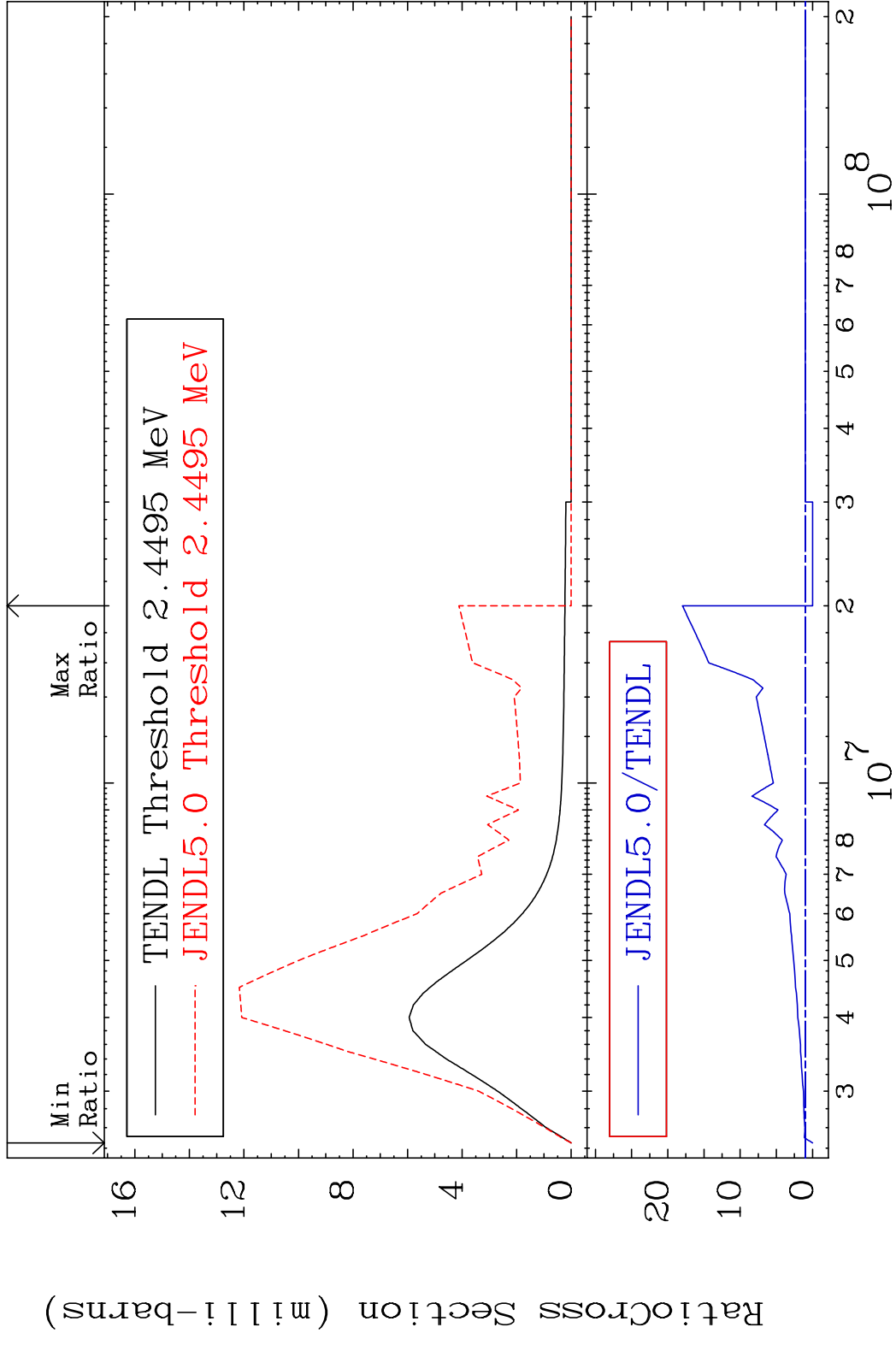


17 Incident Energy (eV) 42-Mo-94

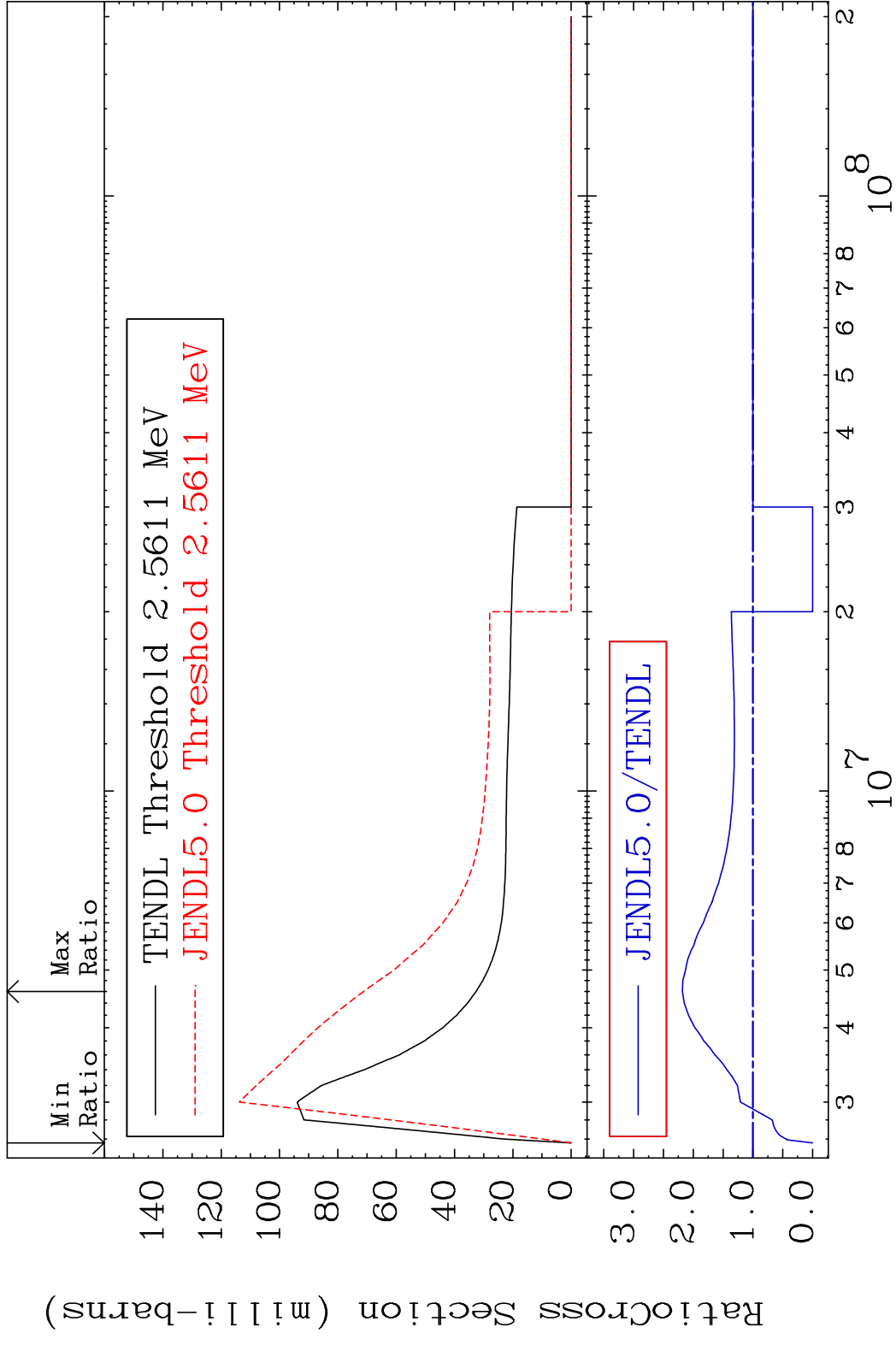
MAT 4231 MT= 59 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 444.6 %



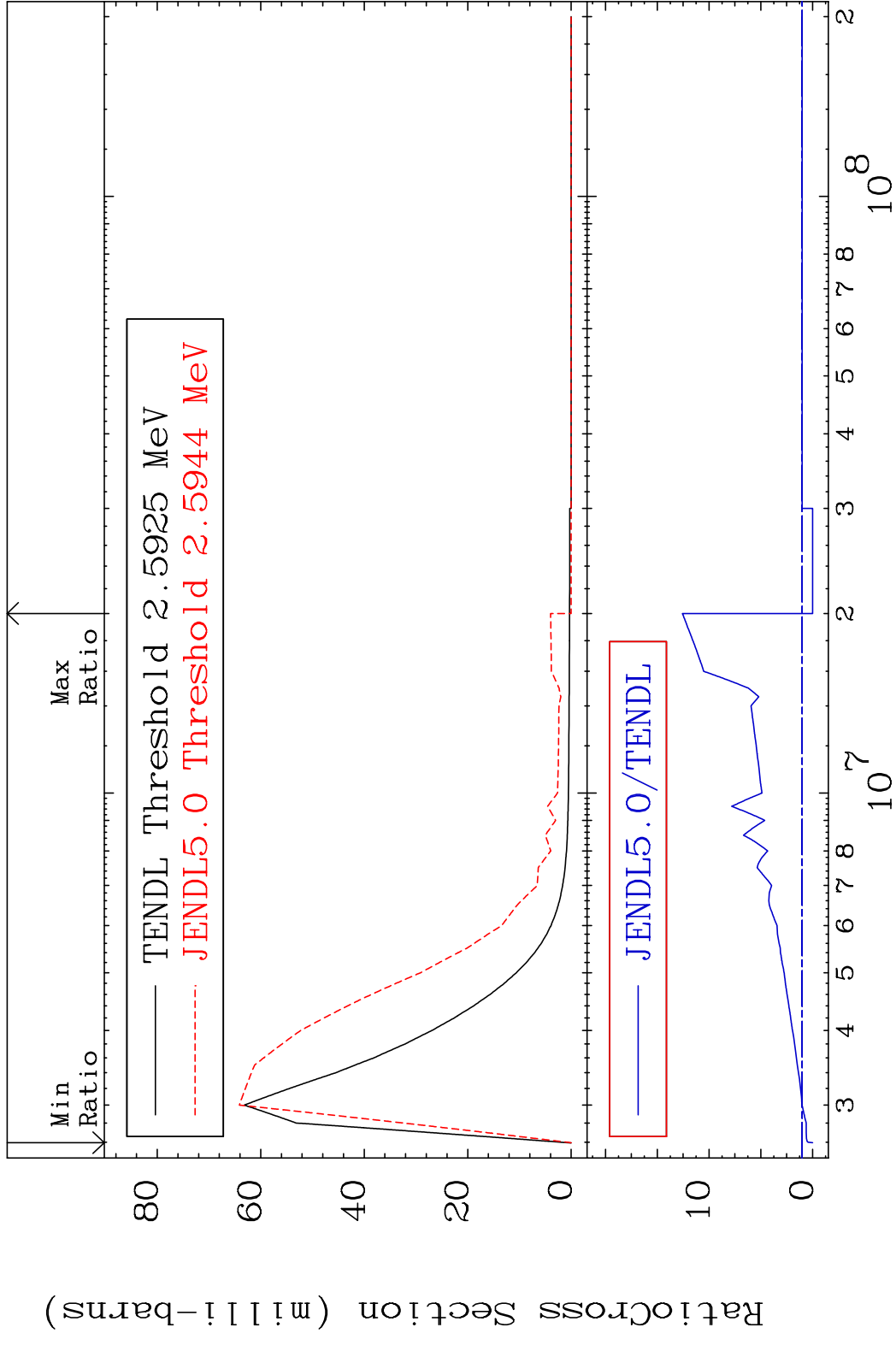
MAT 4231 MT= 60 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1699. %



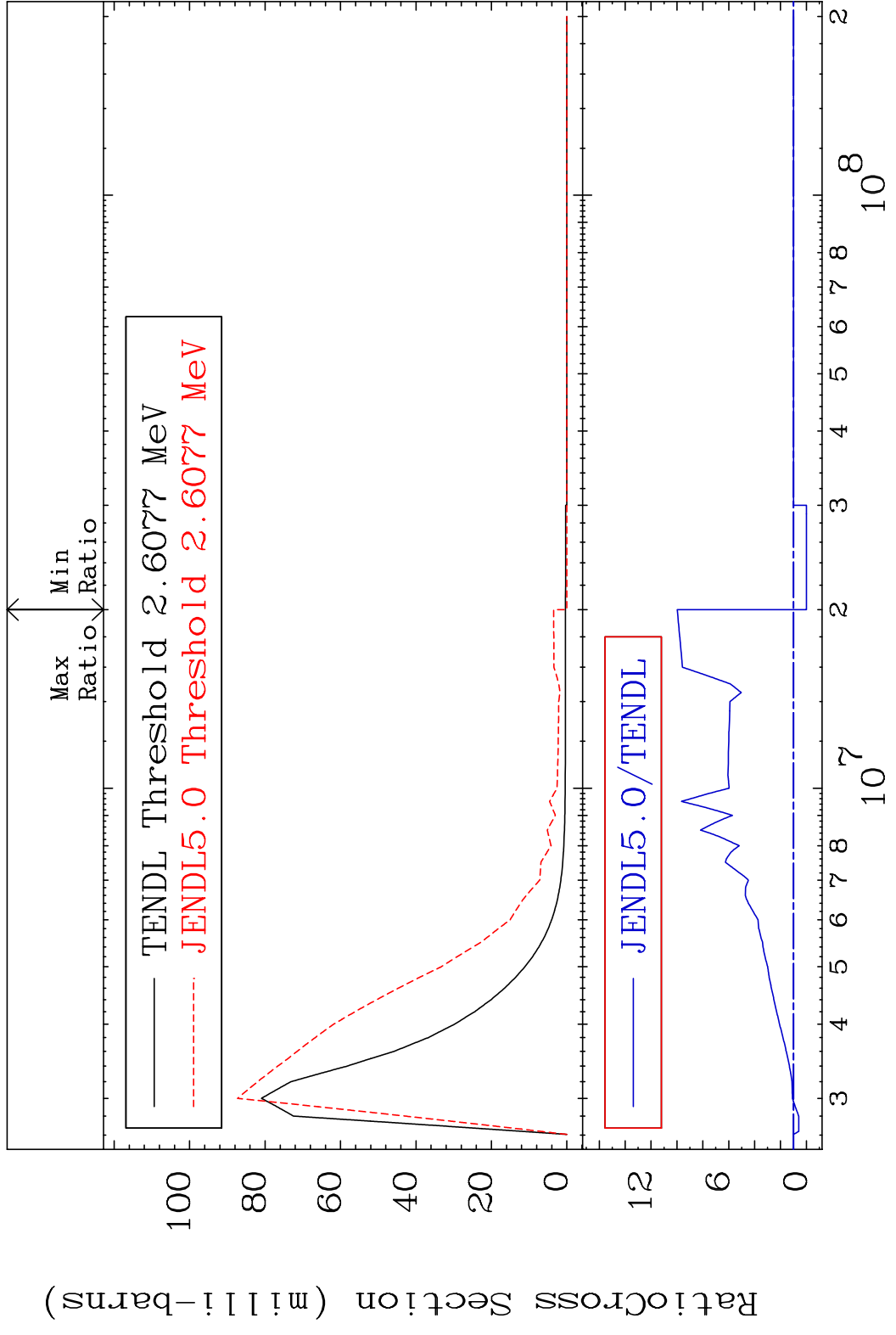
MAT 4231 MT= 61 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 118.3 %



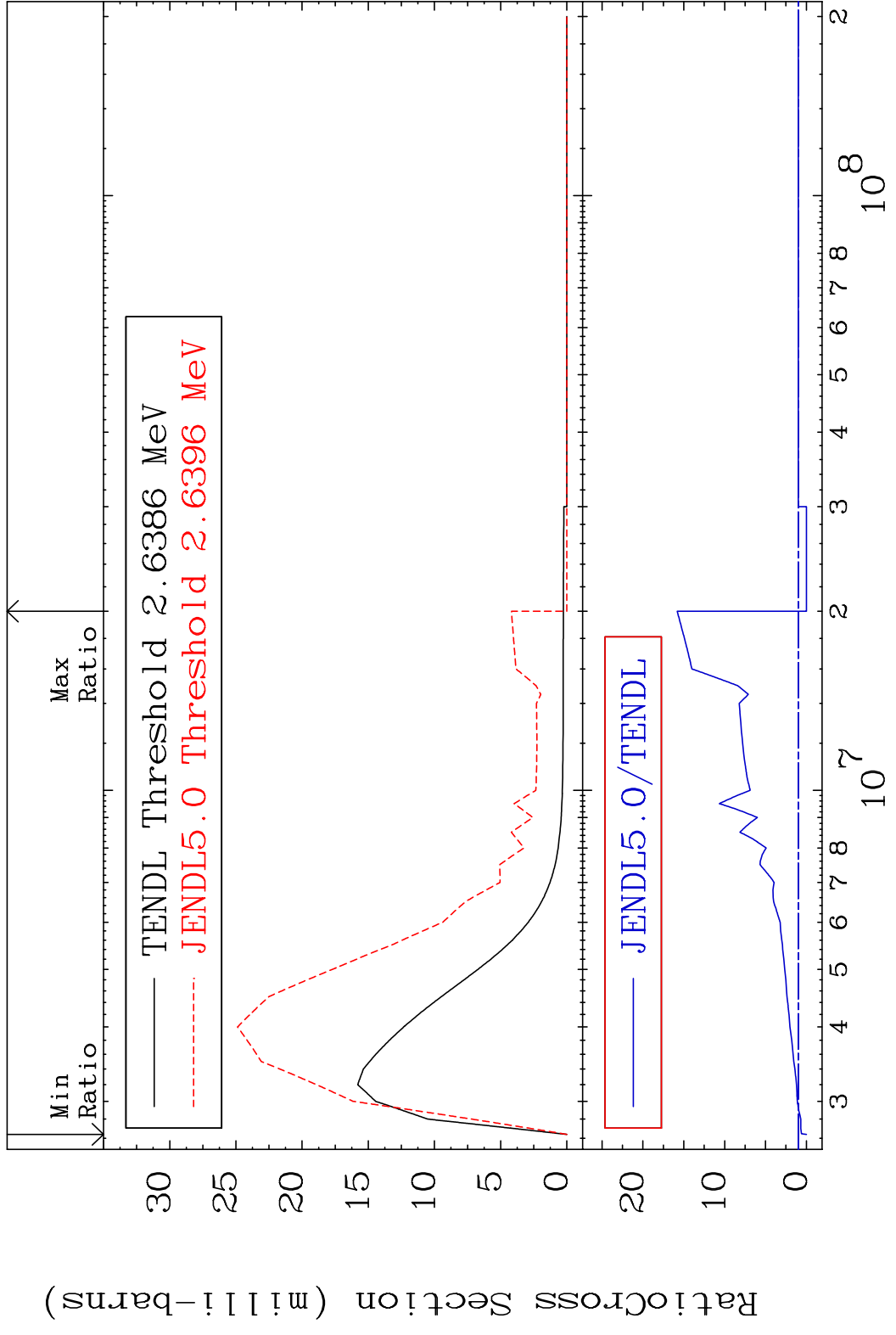
MAT 4231 MT= 62 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1158. %



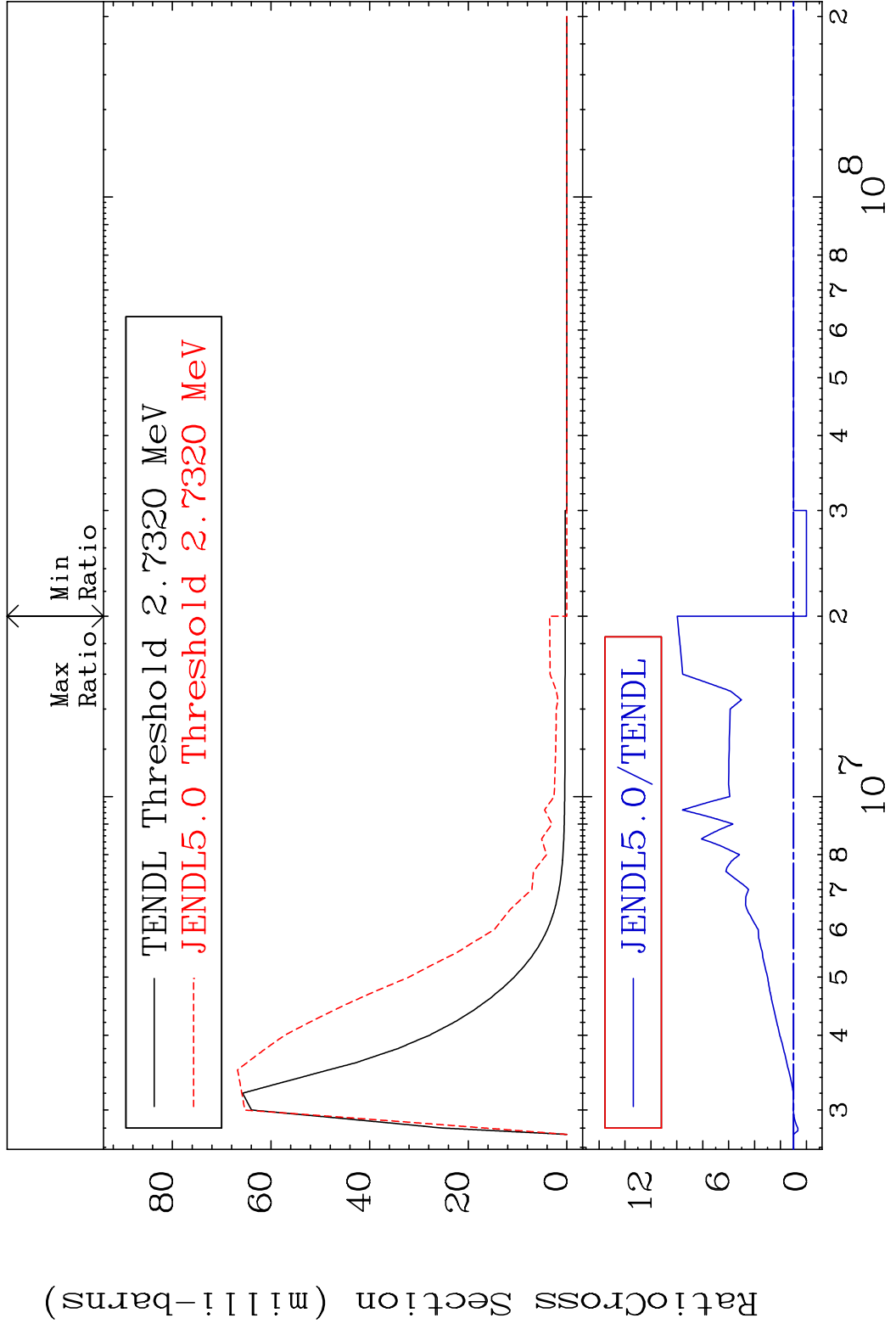
MAT 4231 MT= 63 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 898.1 %



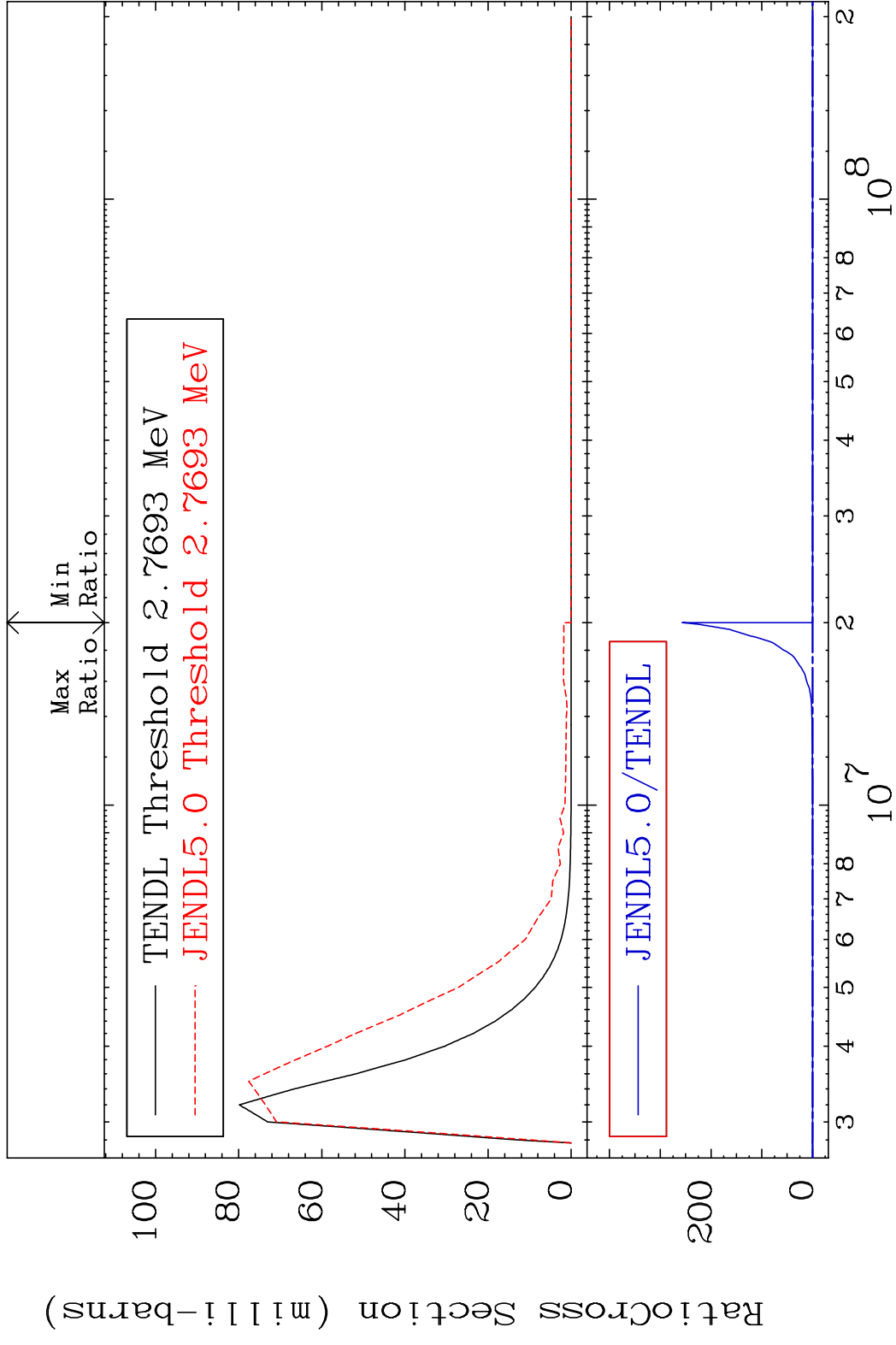
MAT 4231 MT= 64 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1480. %



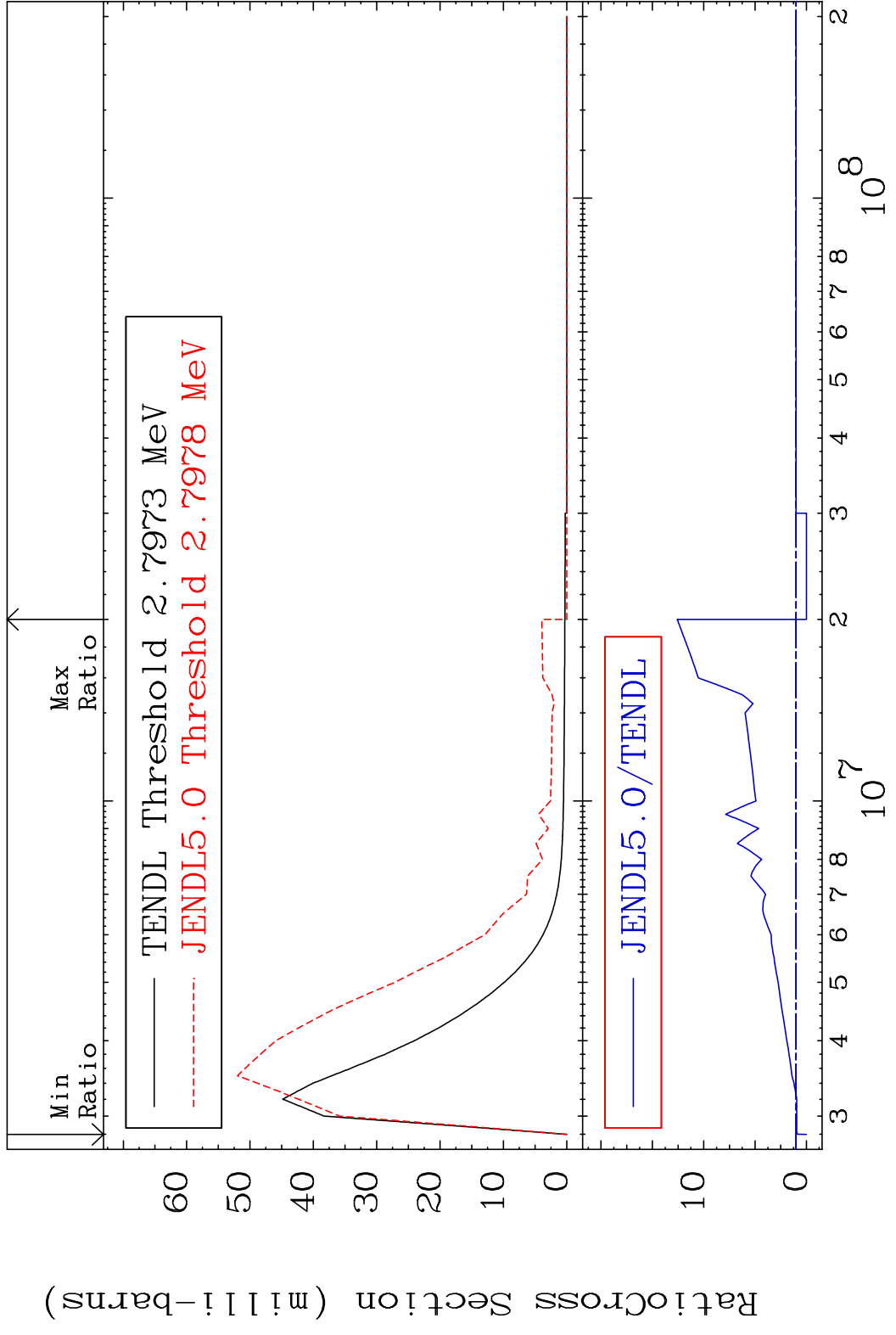
MAT 4231 MT= 65 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 897.2 %



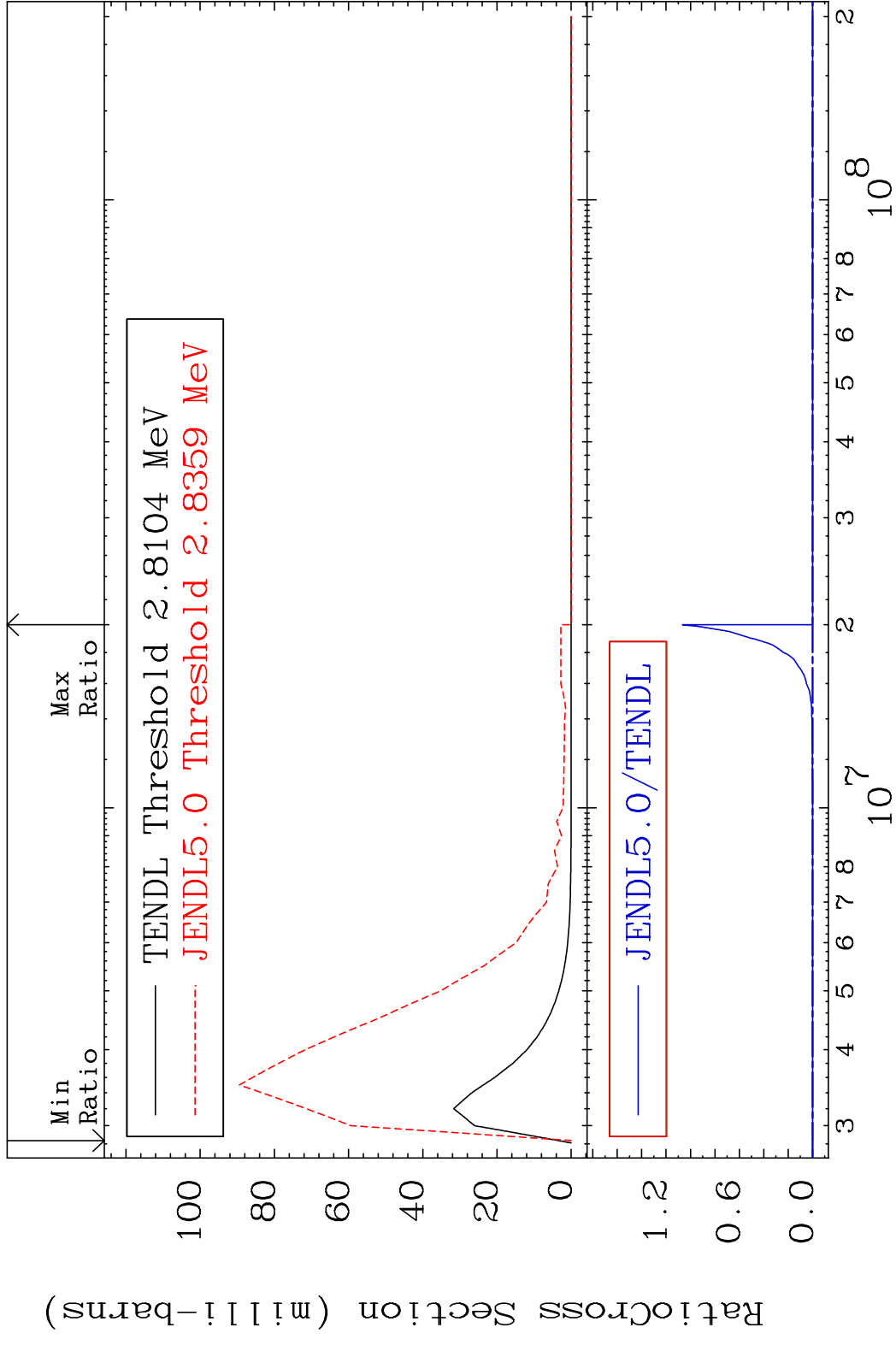
MAT 4231 MT= 66 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



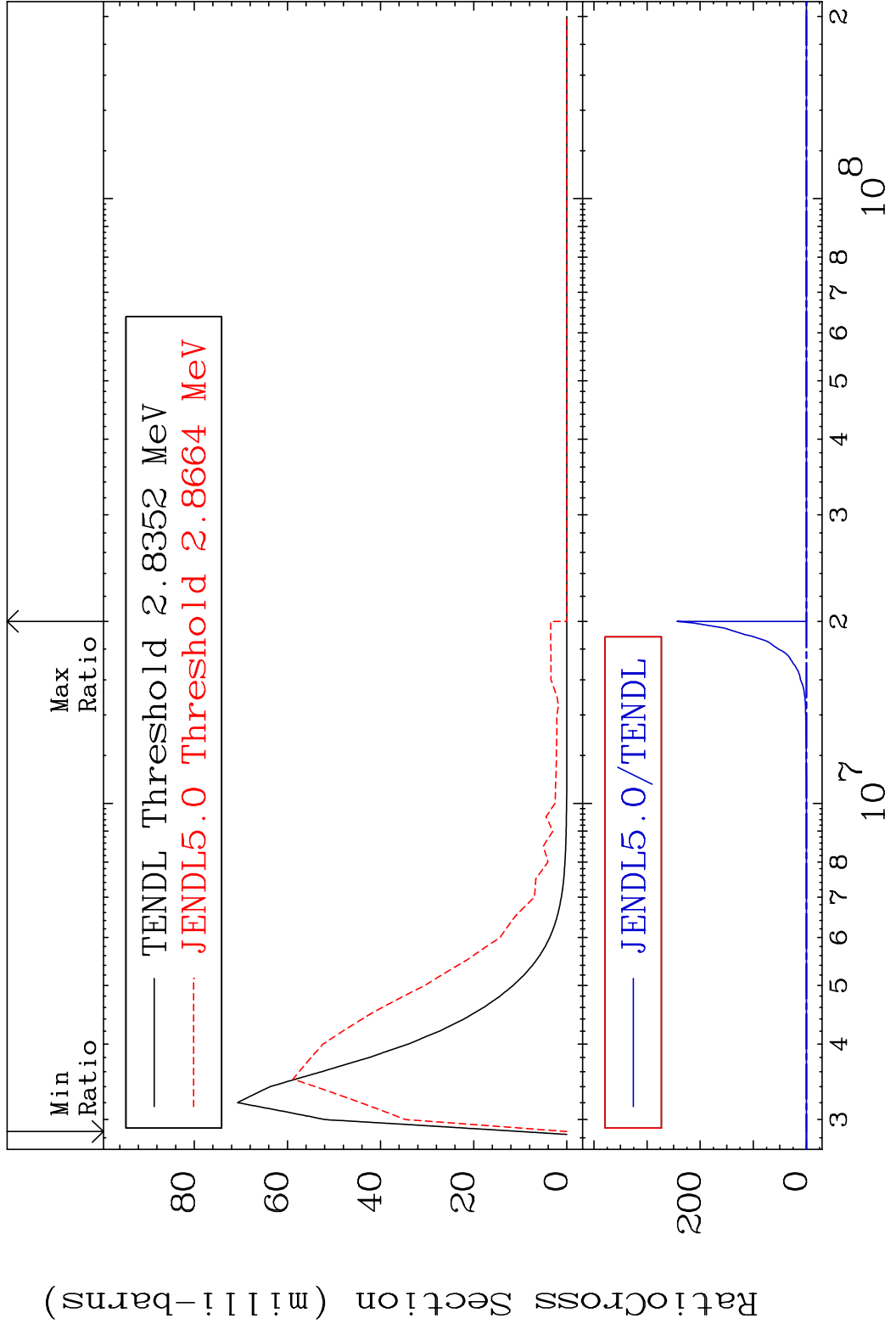
MAT 4231 MT= 67 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 1158. %



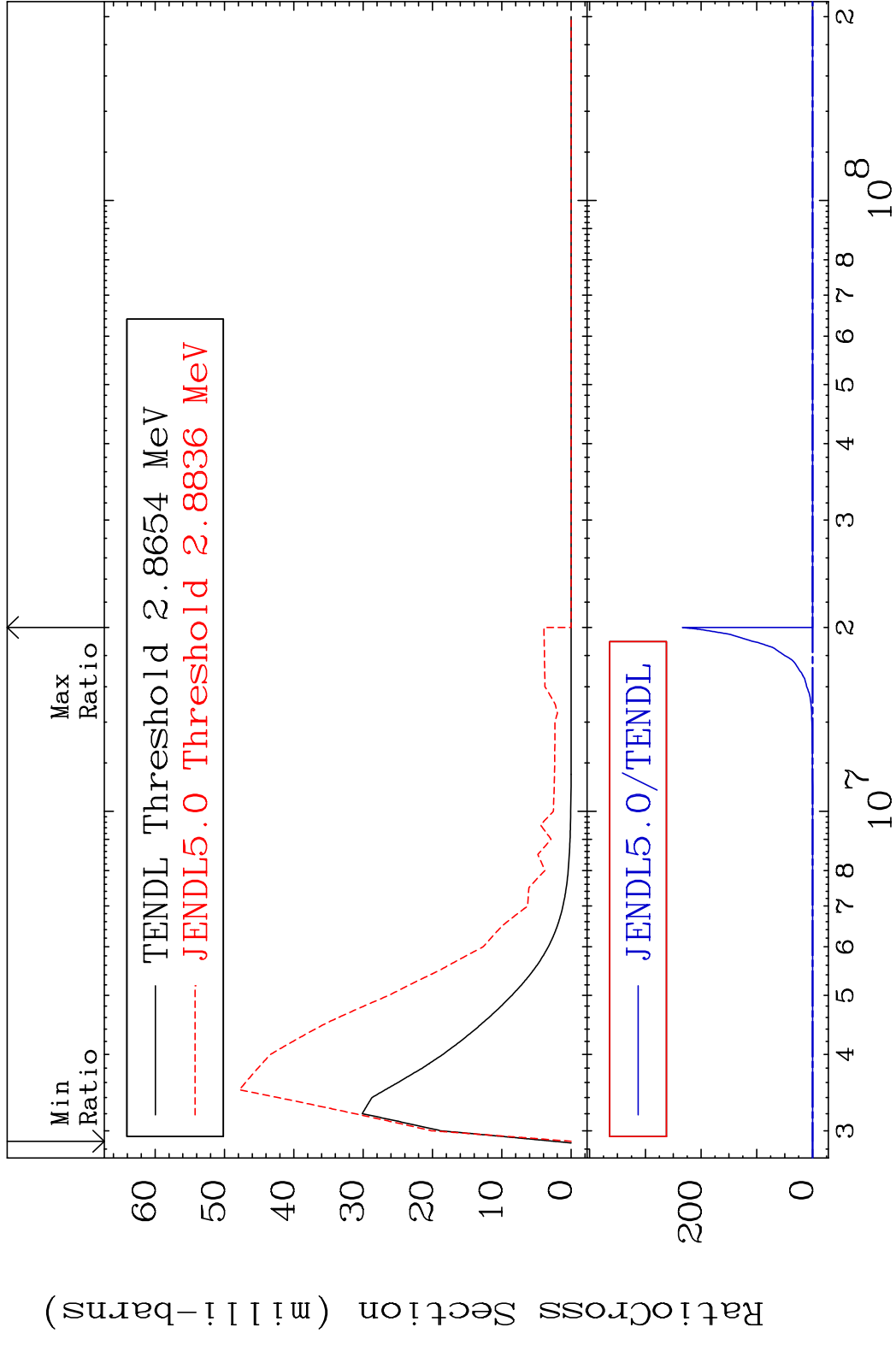
MAT 4231 MT= 68 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



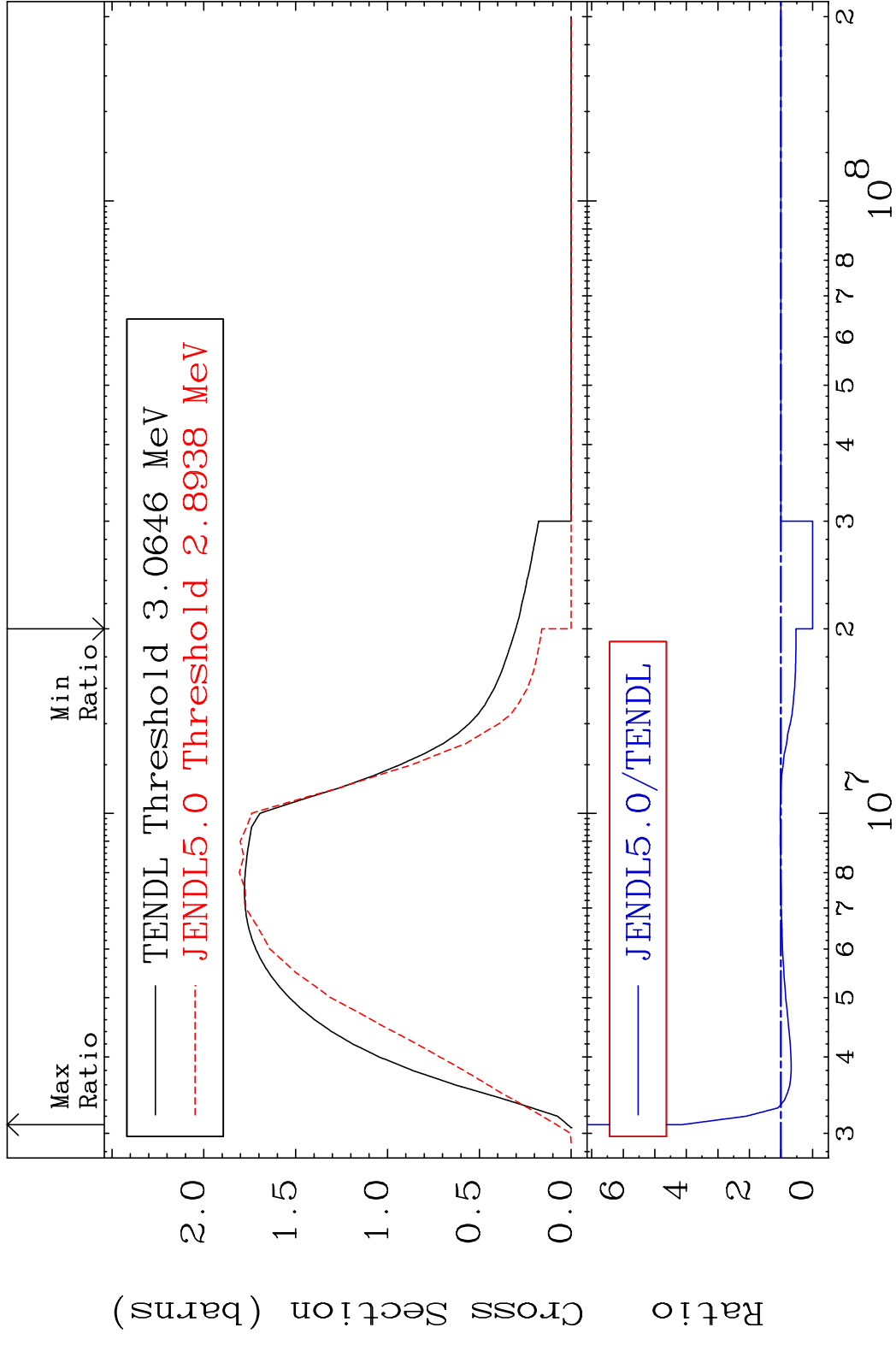
MAT 4231 MT= 69 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



MAT 4231 MT= 70 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



MAT 4231 (n, n') Continuum 42-Mo-94
 Cross Section -100.0 To 312.6 %

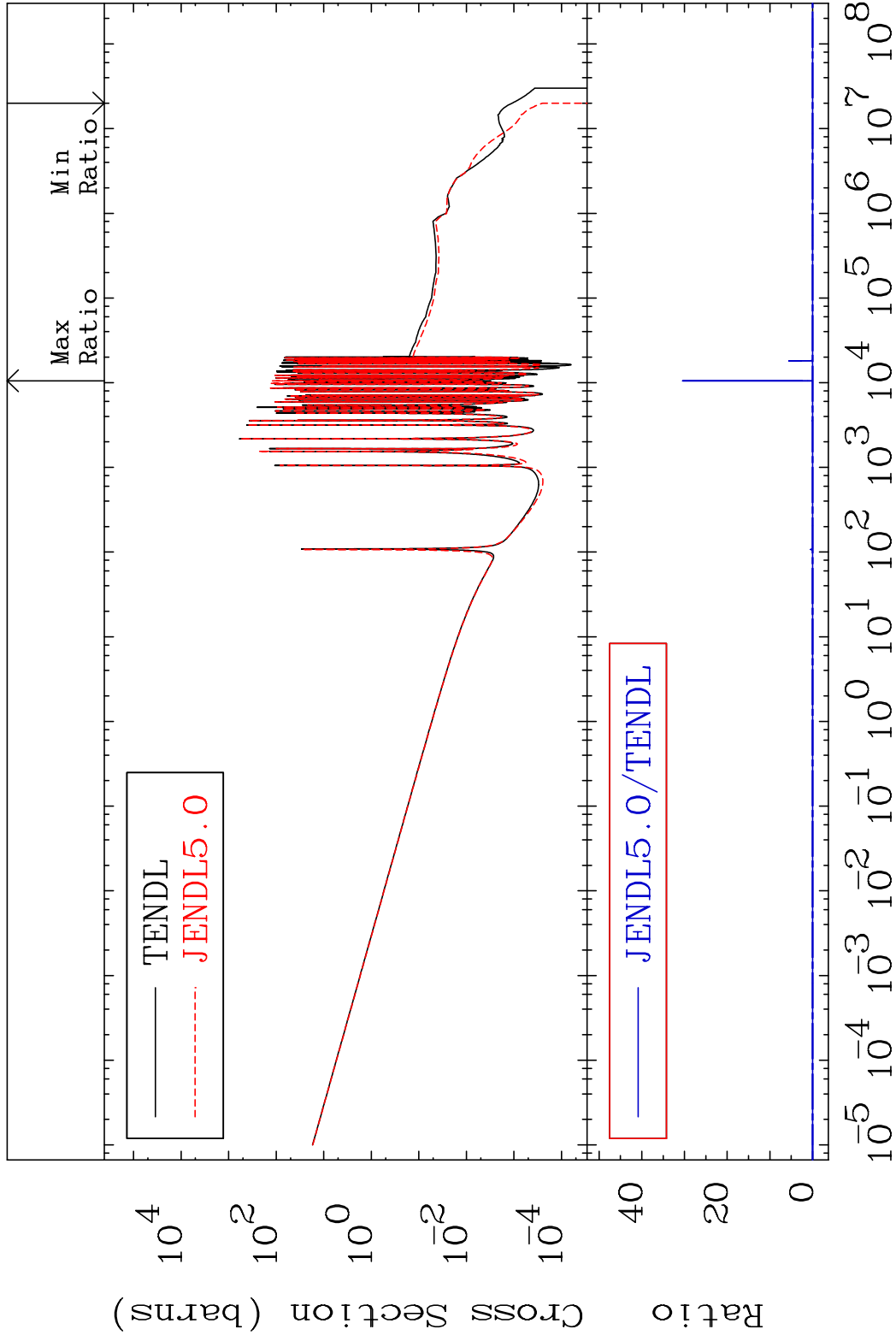


MAT 4231

(n, γ)

42-Mo-94

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

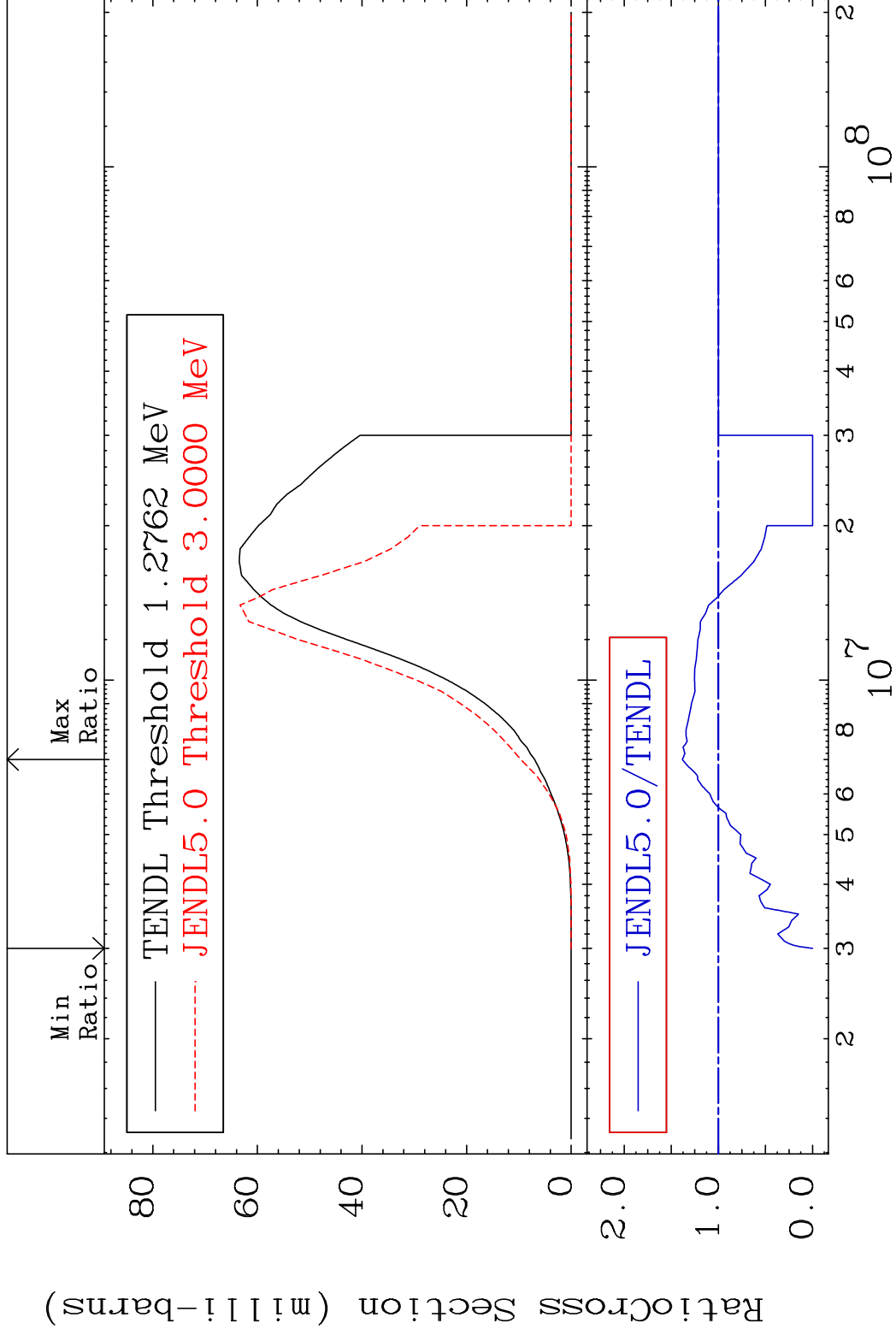
42-Mo-94

MAT 4231

(n,p)

42-Mo-94

Cross Section -100.0 To 38.22 %



32

Incident Energy (eV)

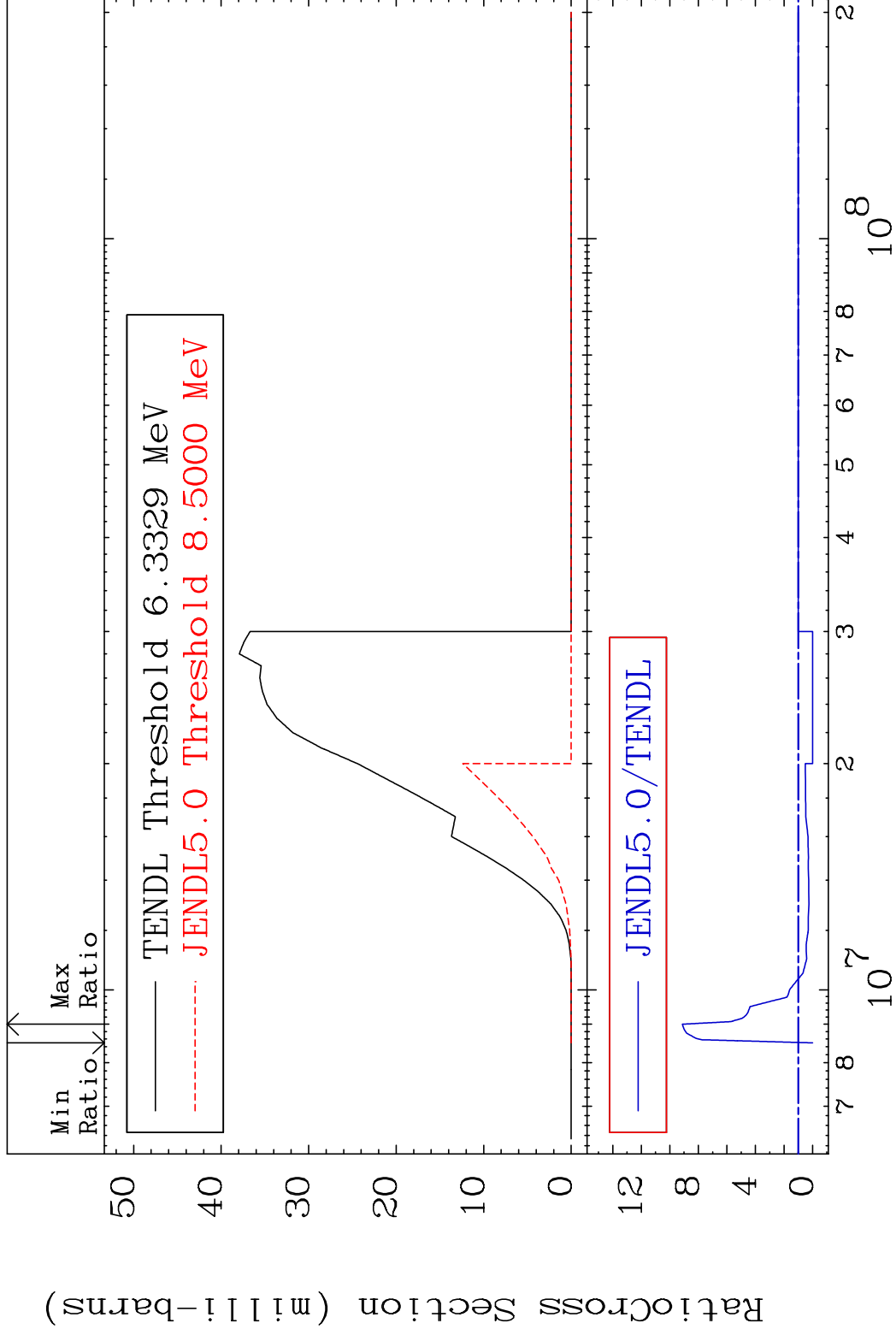
42-Mo-94

MAT 4231

(n,d)

42-Mo-94

Cross Section -100.0 To 812.2 %



33

Incident Energy (eV)

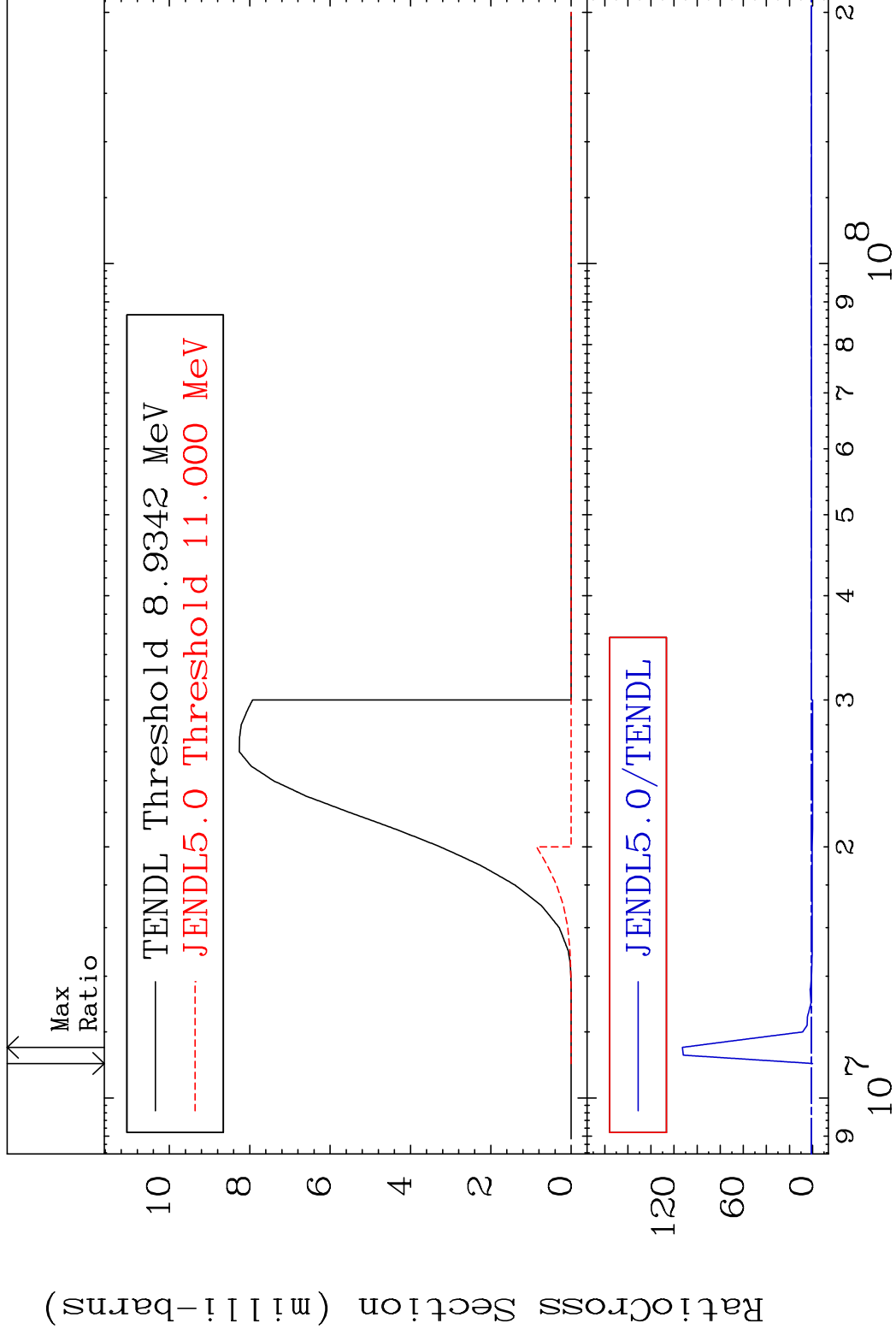
42-Mo-94

MAT 4231

(n, t)

42-Mo-94

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

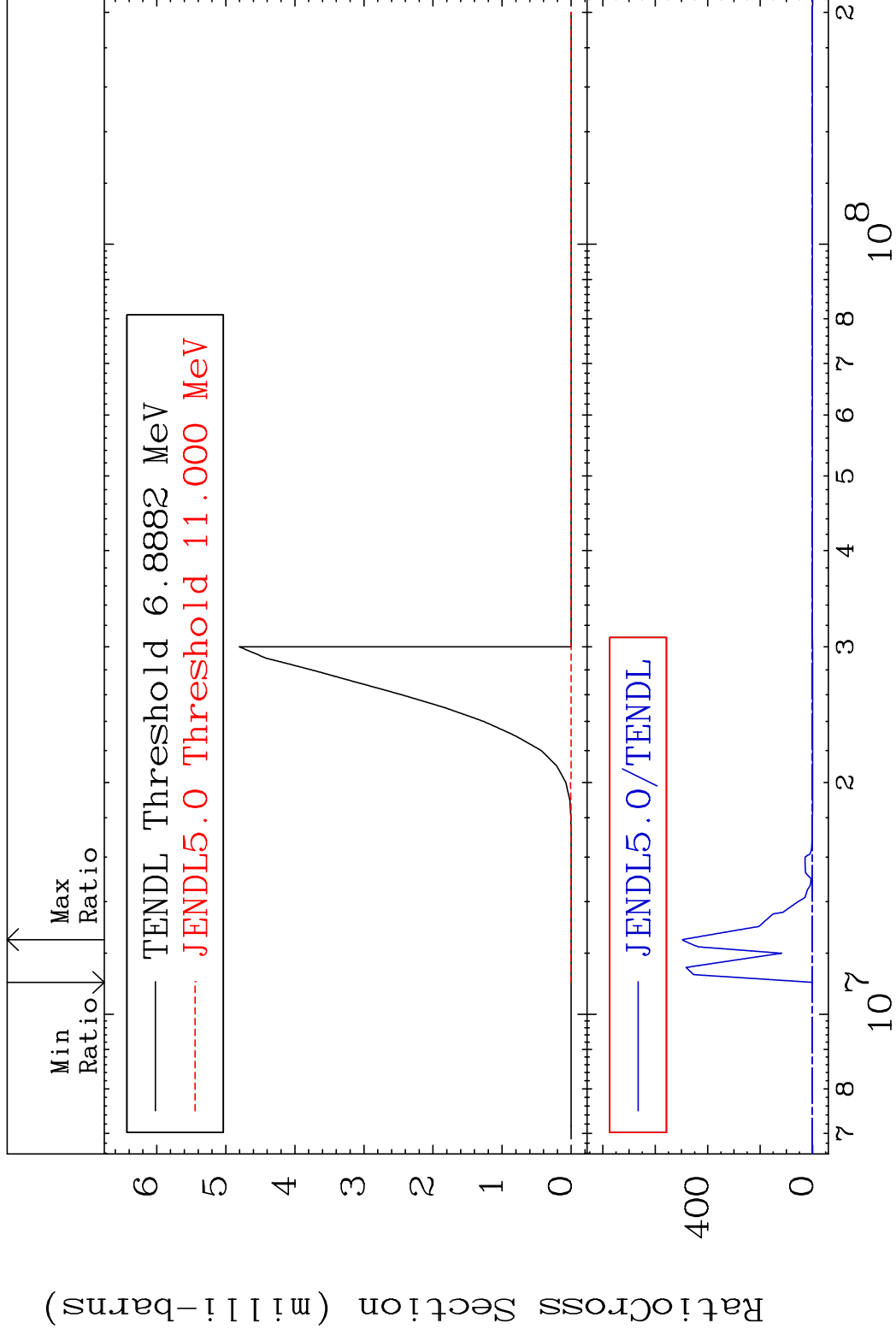
42-Mo-94

MAT 4231

(n, He-3)

42-Mo-94

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

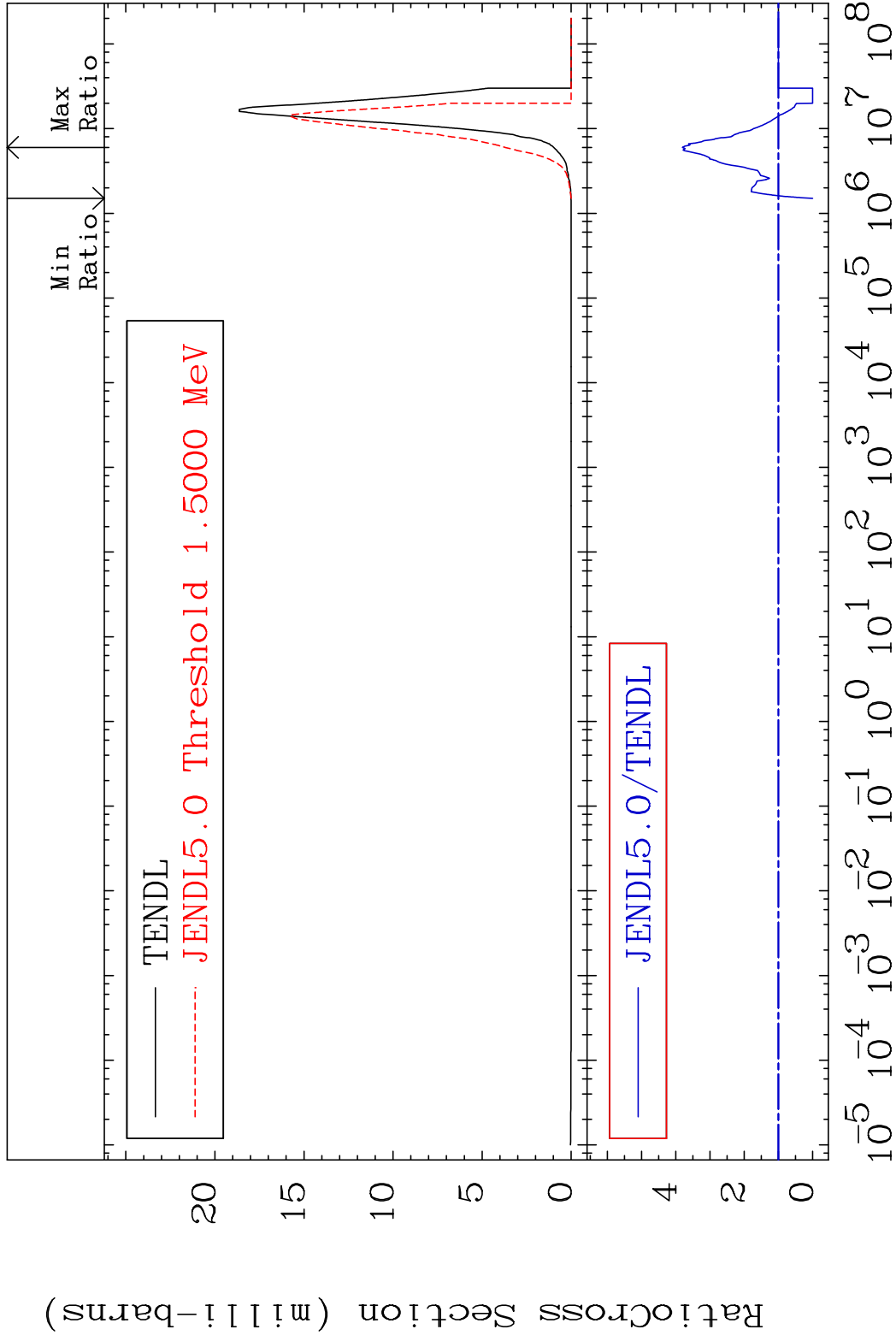
42-Mo-94

MAT 4231

(n, α)

42-Mo-94

Cross Section -100.0 To 280.5 %

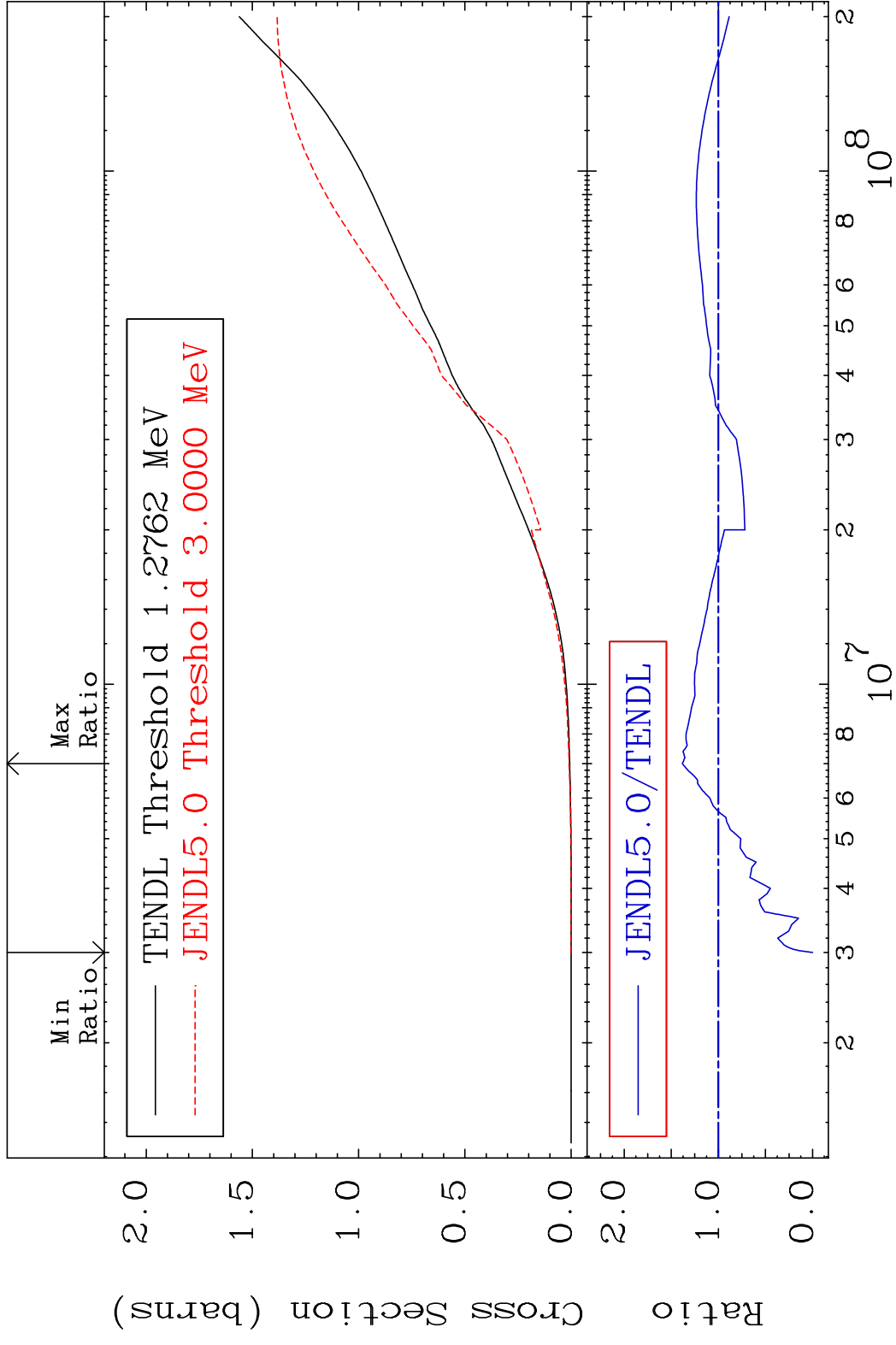


36

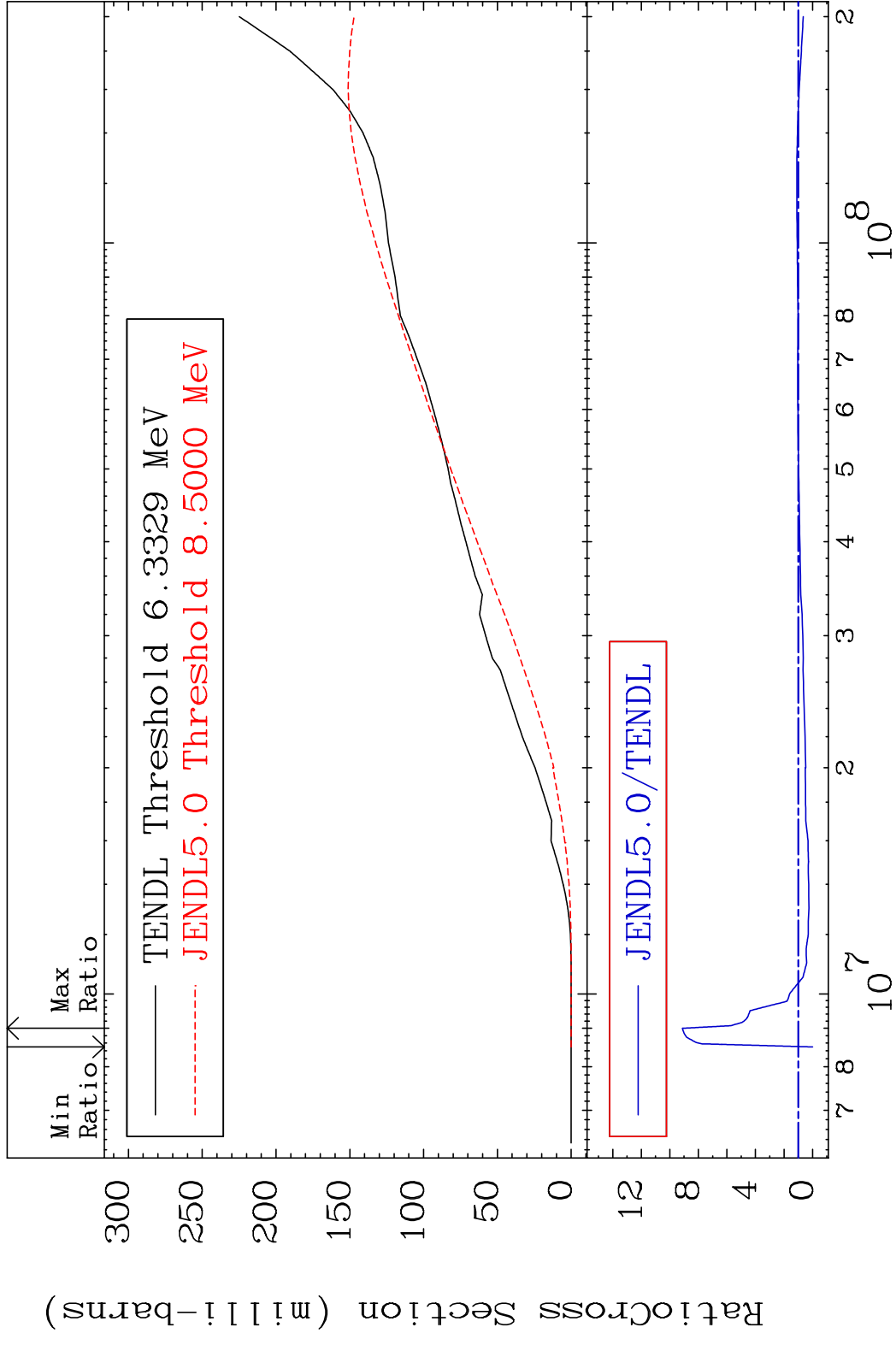
Incident Energy (eV)

42-Mo-94

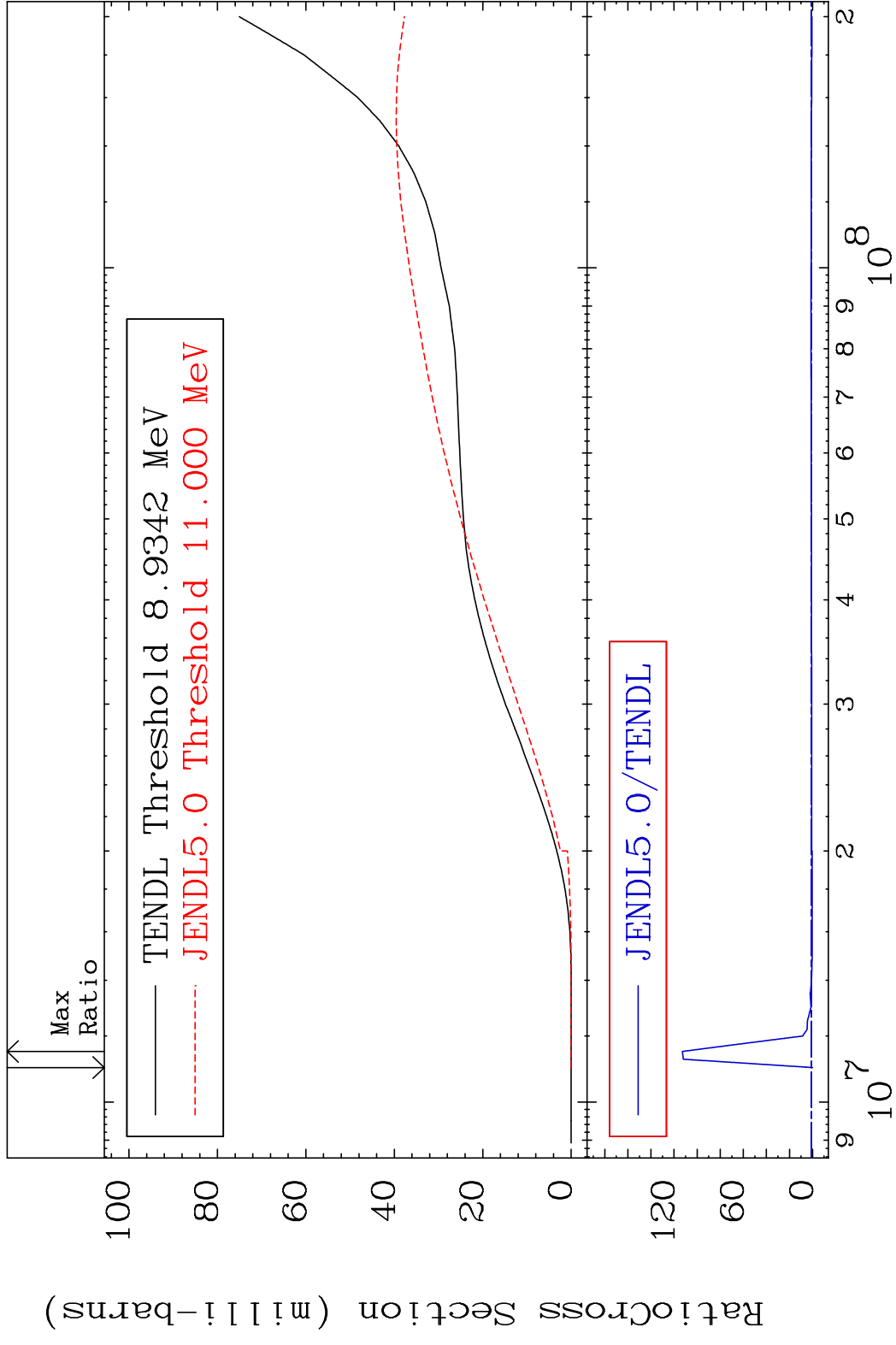
MAT 4231 Hydrogen Production 42-Mo-94
 Cross Section -100.0 To 38.22 %



MAT 4231 Deuterium Production 42-Mo-94
 Cross Section -100.0 To 812.2 %



MAT 4231 Tritium Production 42-Mo-94
 Cross Section -100.0 To 9999. %



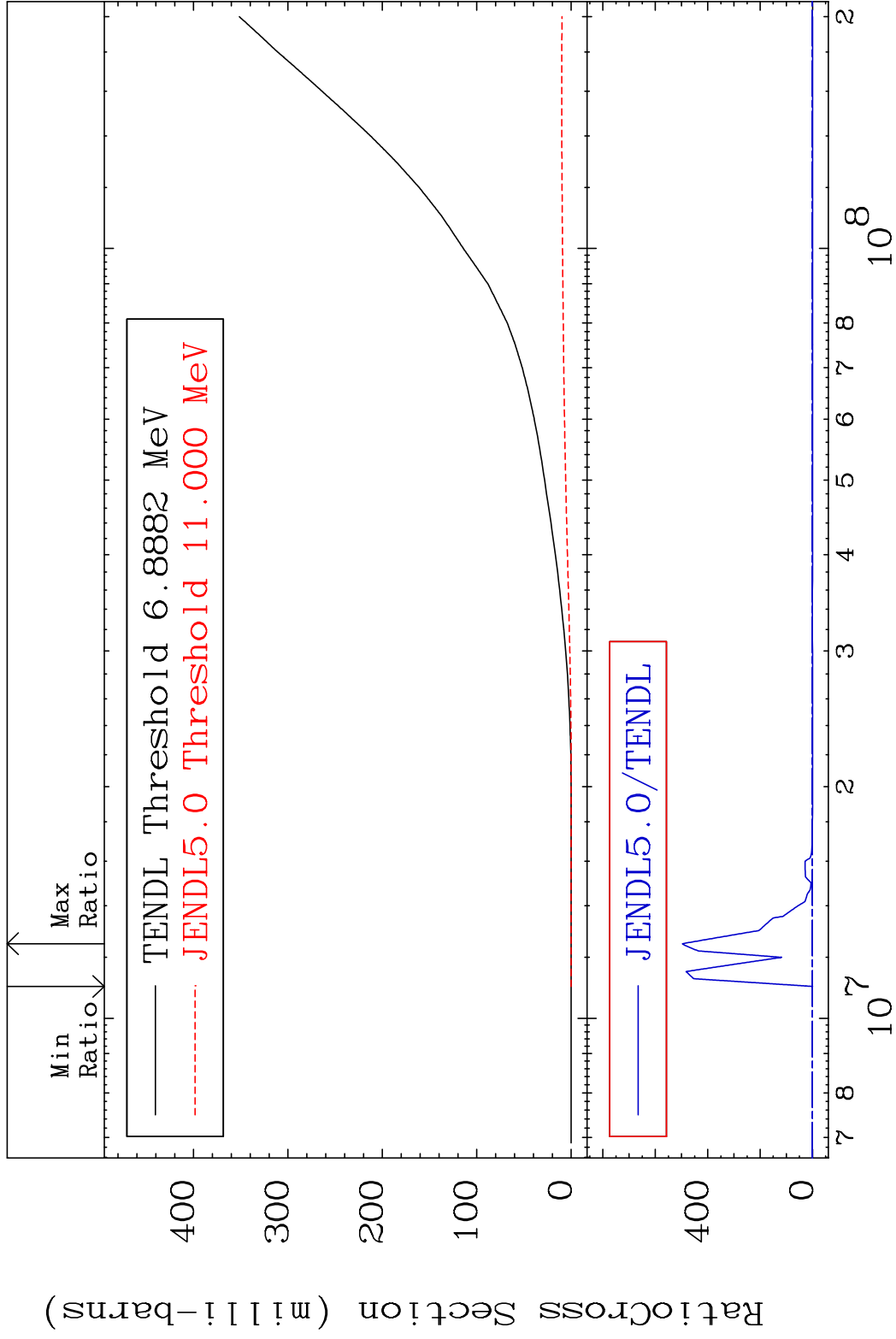
39 42-Mo-94

MAT 4231

He-3 Production

42-Mo-94

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

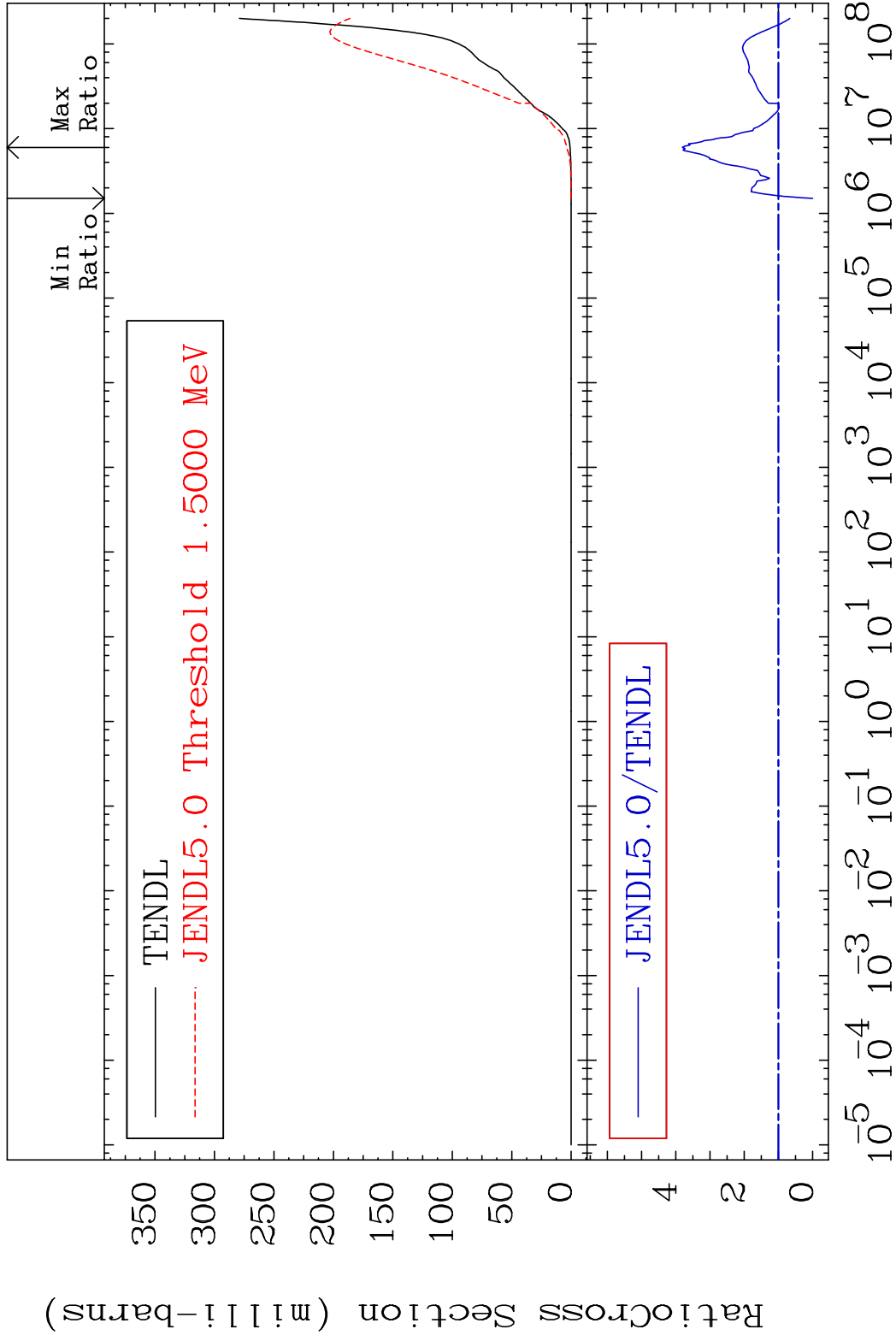
42-Mo-94

MAT 4231

He-4 Production

42-Mo-94

Cross Section -100.0 To 280.5 %

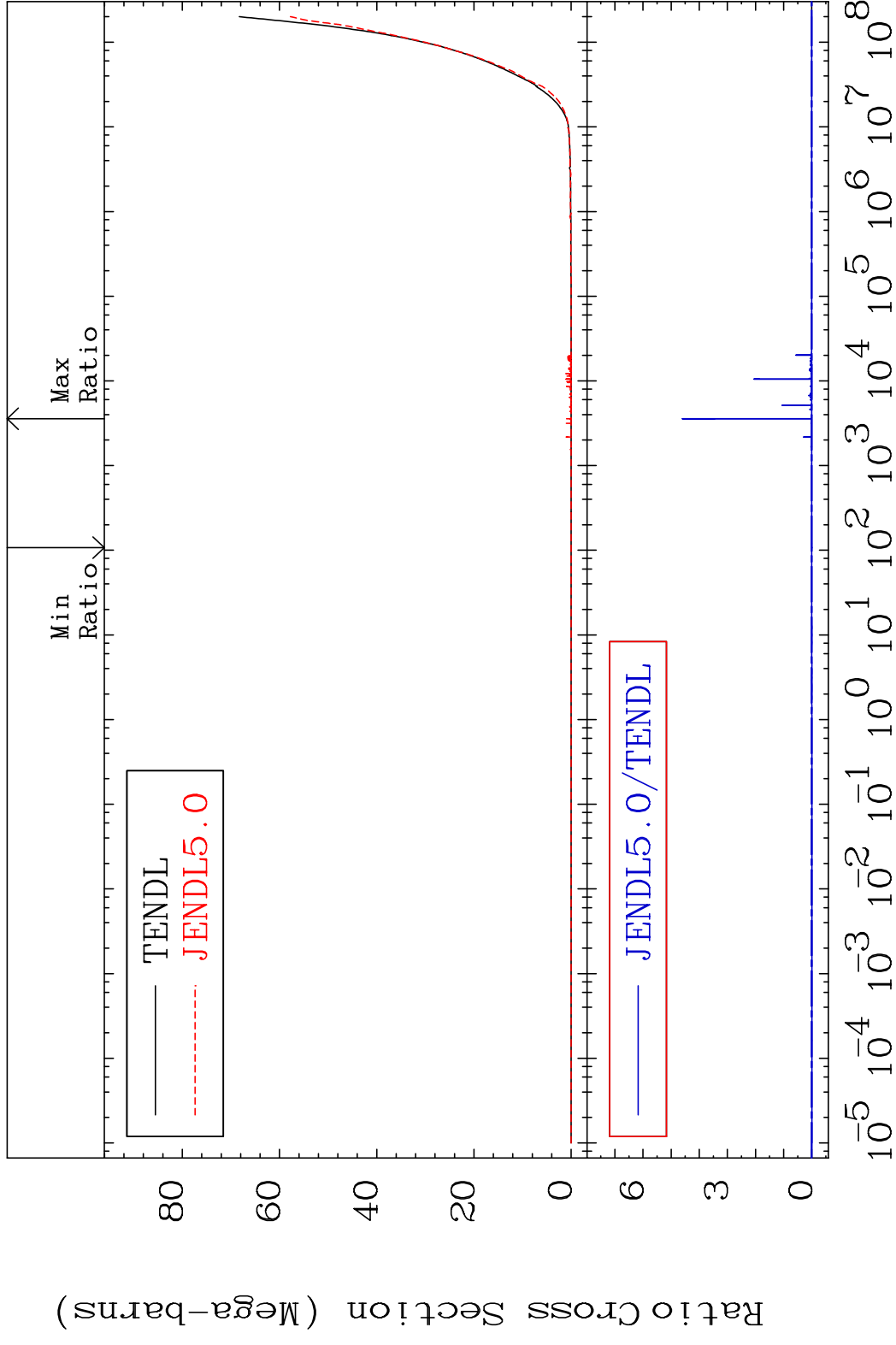


41

Incident Energy (eV)

42-Mo-94

MAT 4231 Kerma total (eV-barns) 42-Mo-94
 Cross Section -2864. To 9999. %



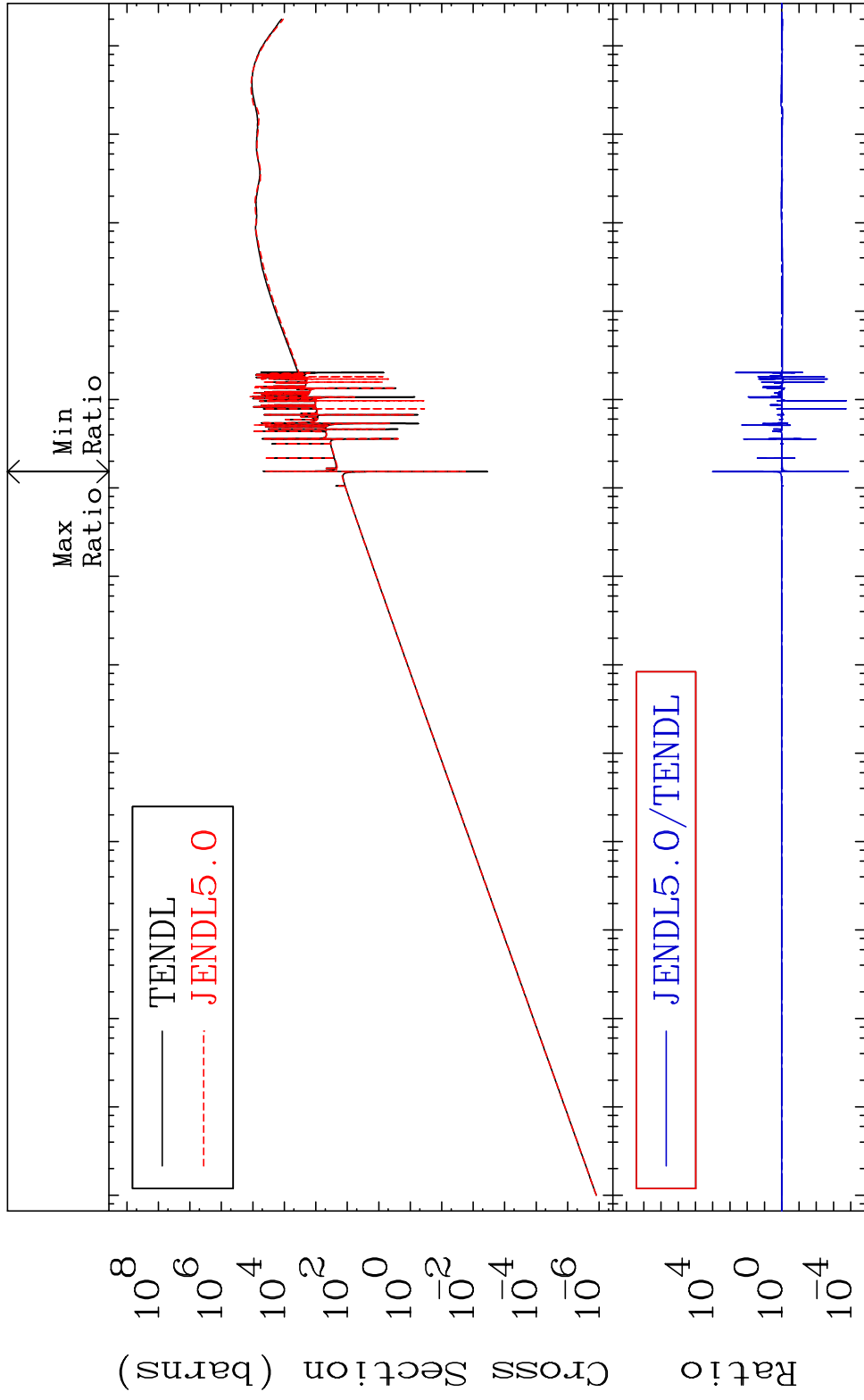
42 Incident Energy (eV) 42-Mo-94

MAT 4231

Kerma elastic
Cross Section

42-Mo-94

-99.99 To 9999. %

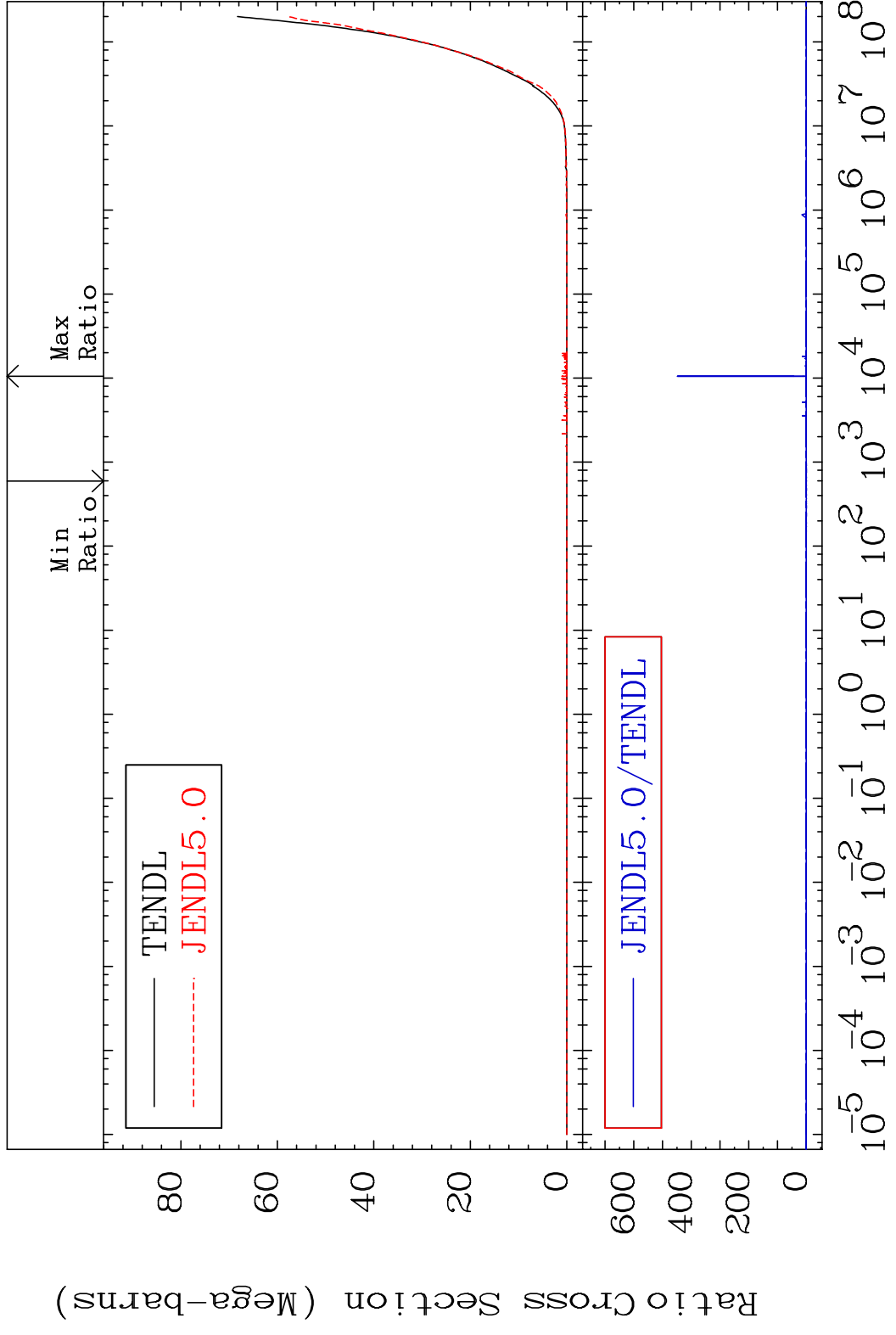


43

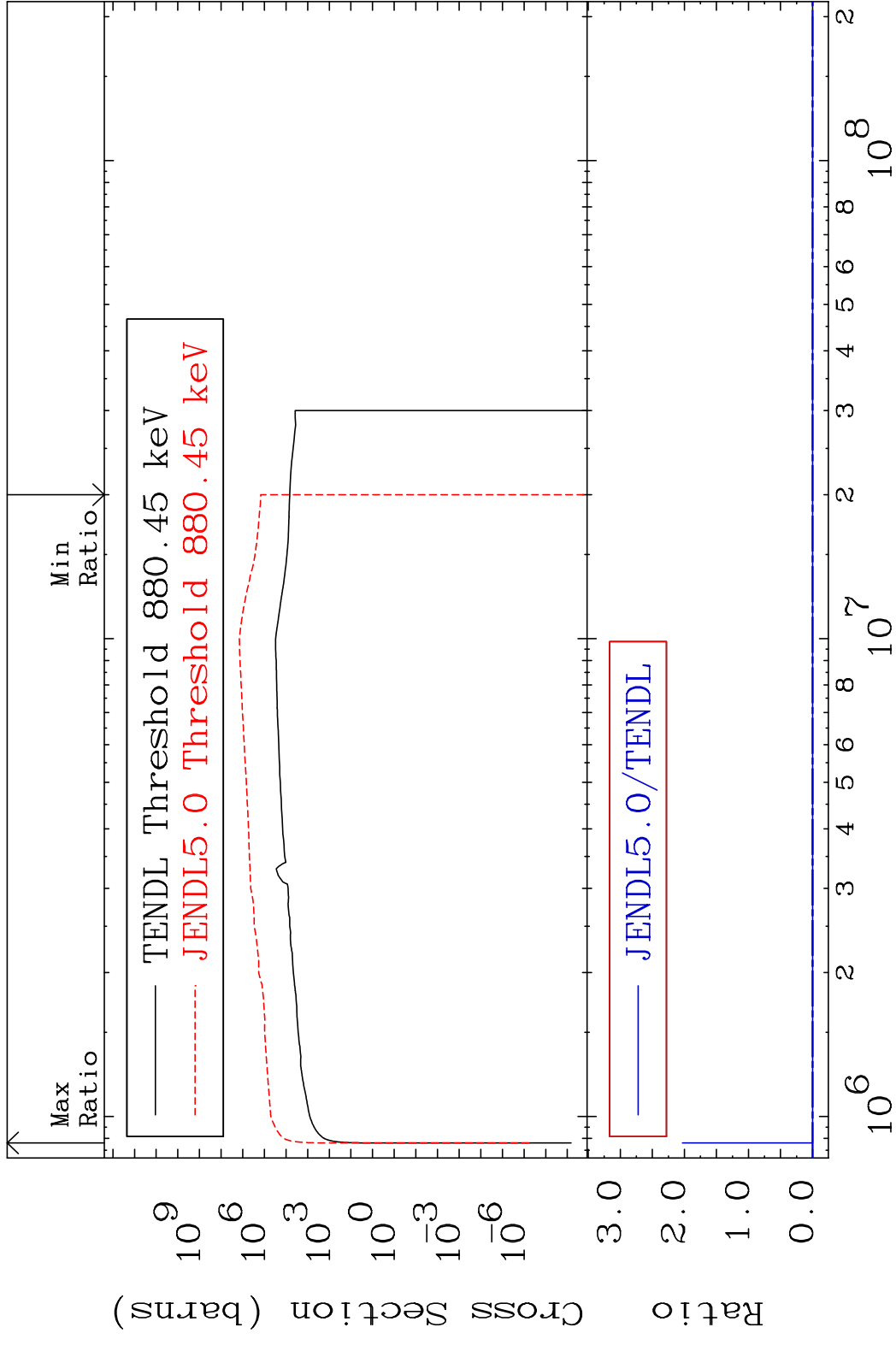
Incident Energy (eV)

42-Mo-94

MAT 4231 Kerma non-elastic (all but mt2) 42-Mo-94
 Cross Section -9999. To 9999. %

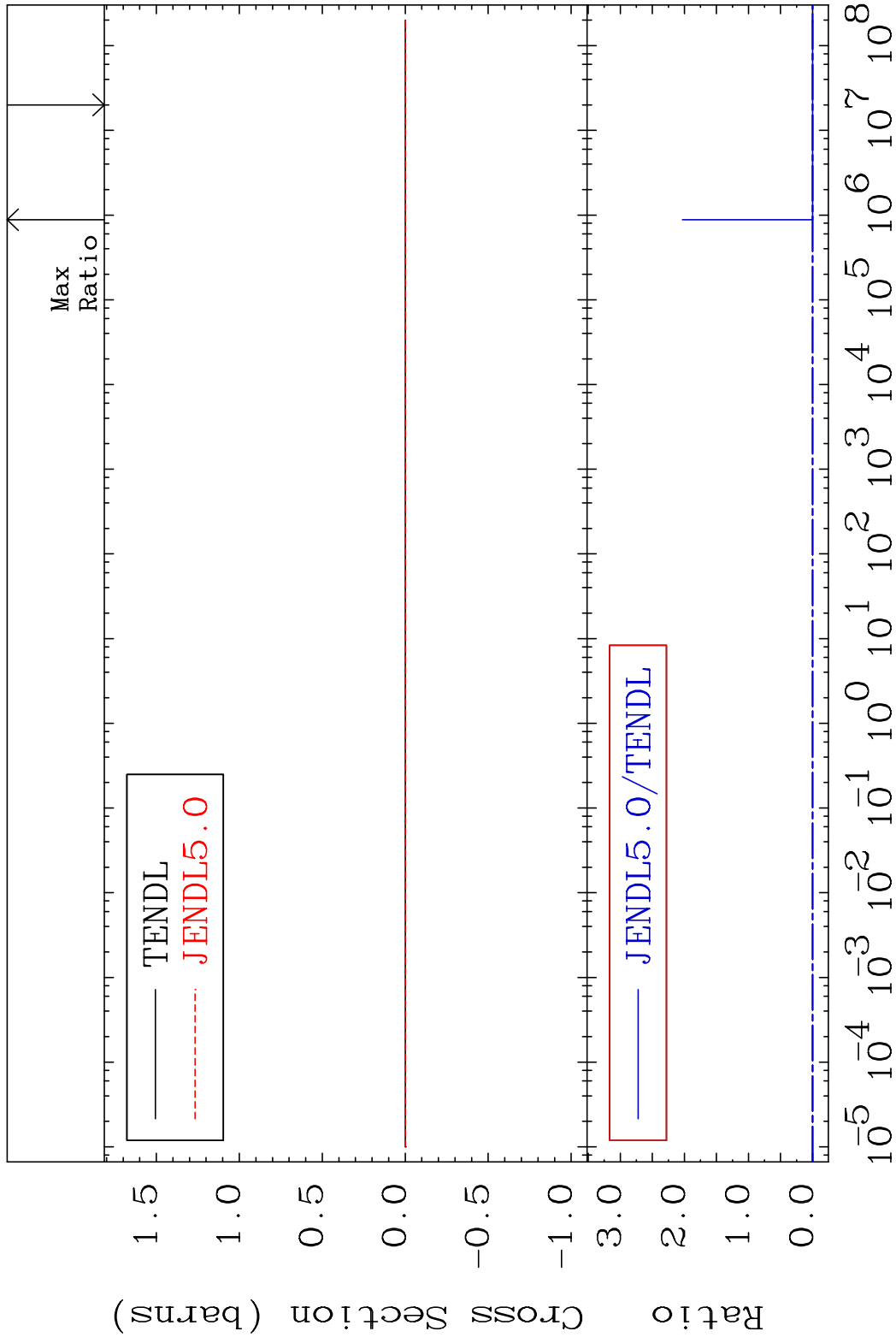


MAT 4231 Kerma inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 9999. %

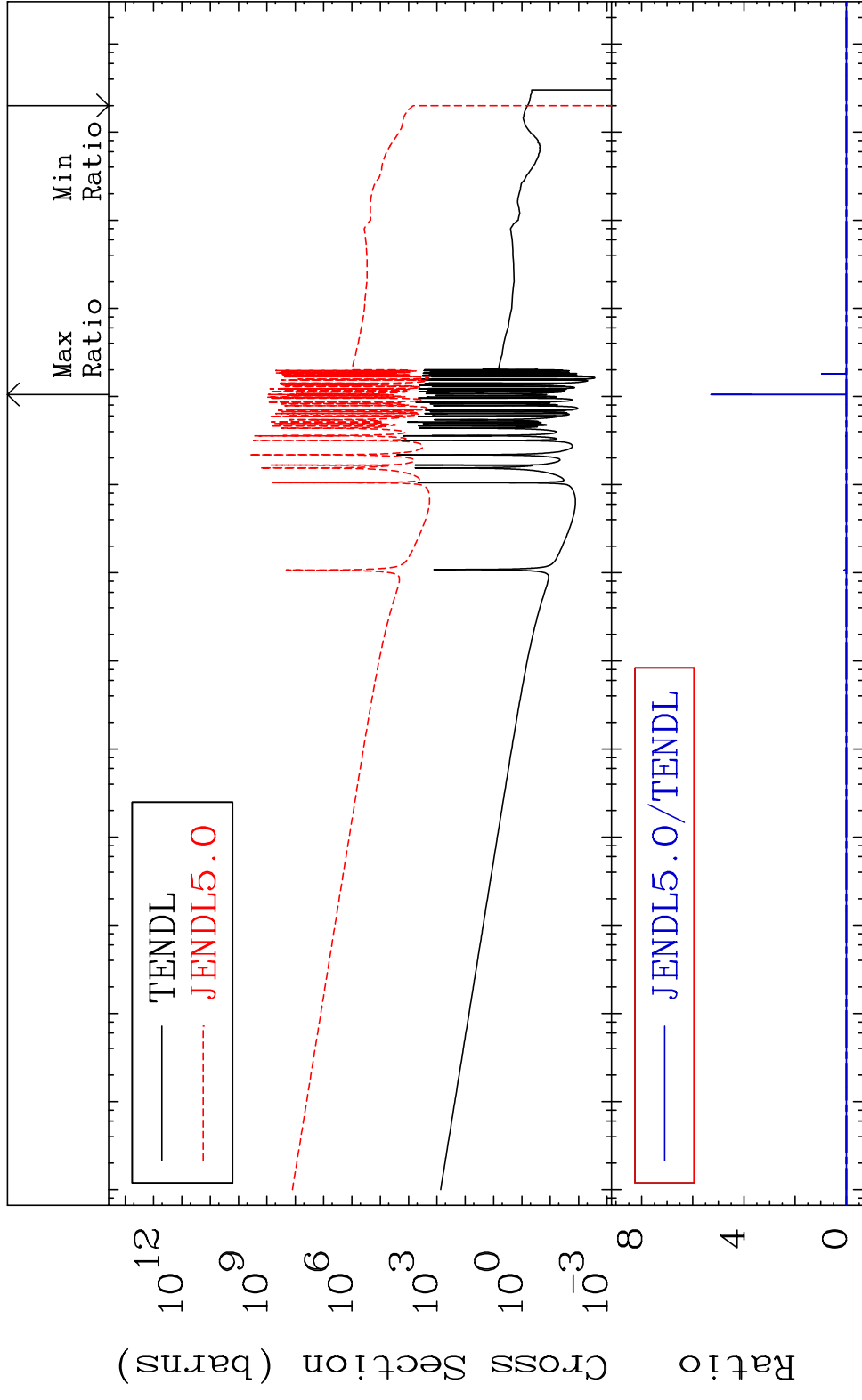


45 Incident Energy (eV) 42-Mo-94

MAT 4231 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-94
 Cross Section -100.0 To 9999. %

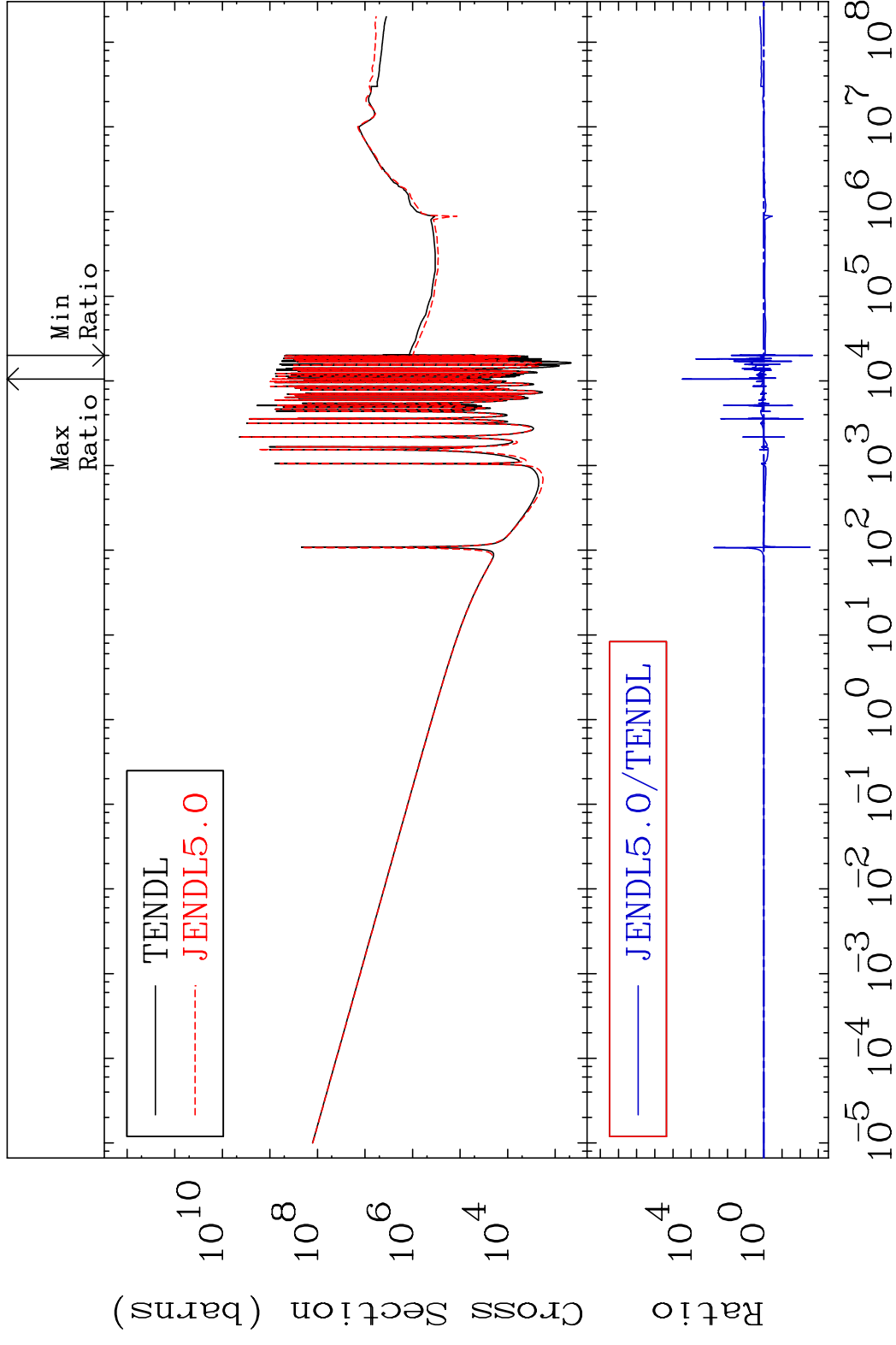


MAT 4231 Kerma capture (mt102) 42-Mo-94
 Cross Section -100.0 To 9999. %



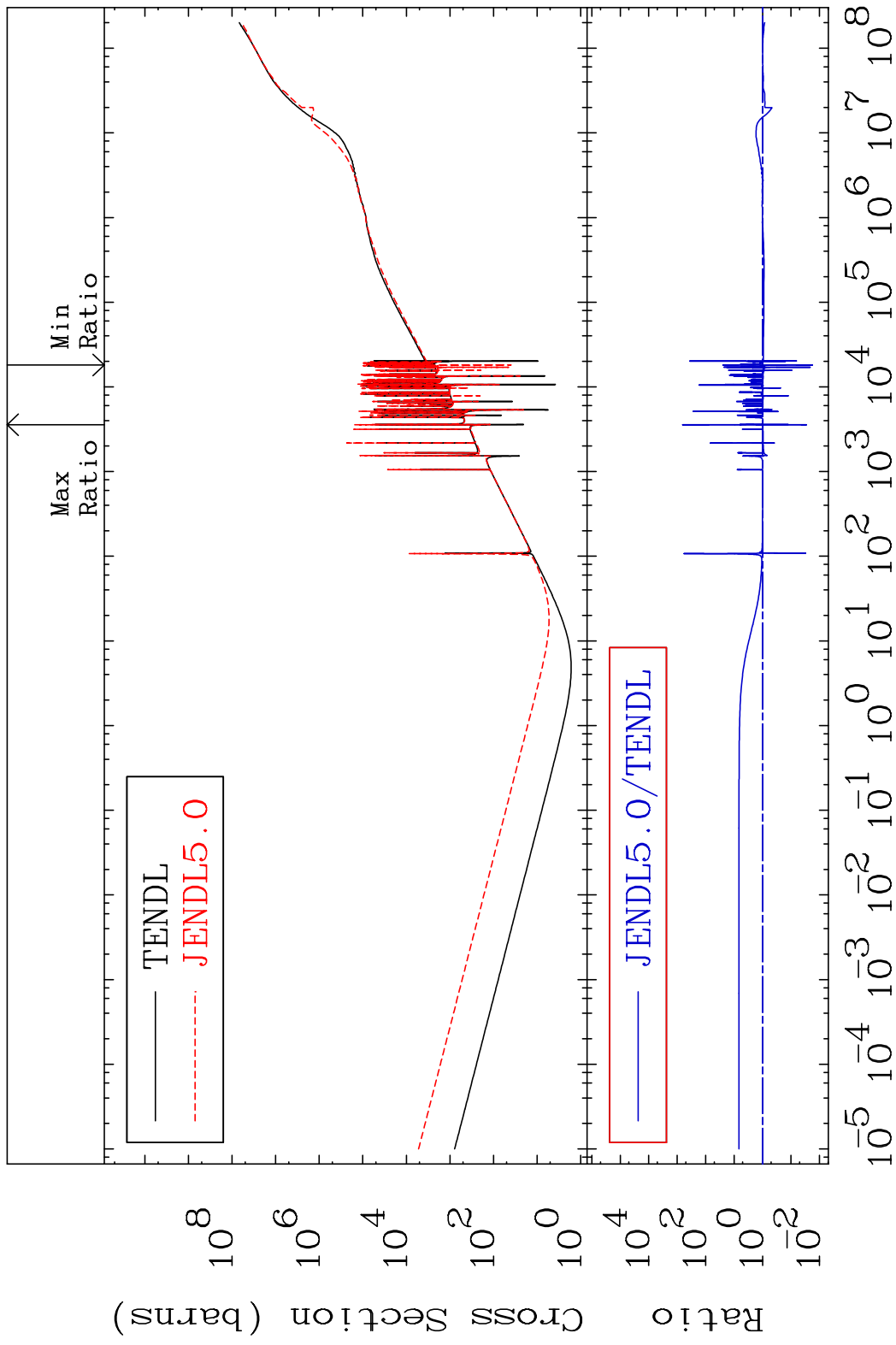
47 Incident Energy (eV) 42-Mo-94

MAT 4231 Total photon (eV-barns) 42-Mo-94
Cross Section -99.79 To 9999. %

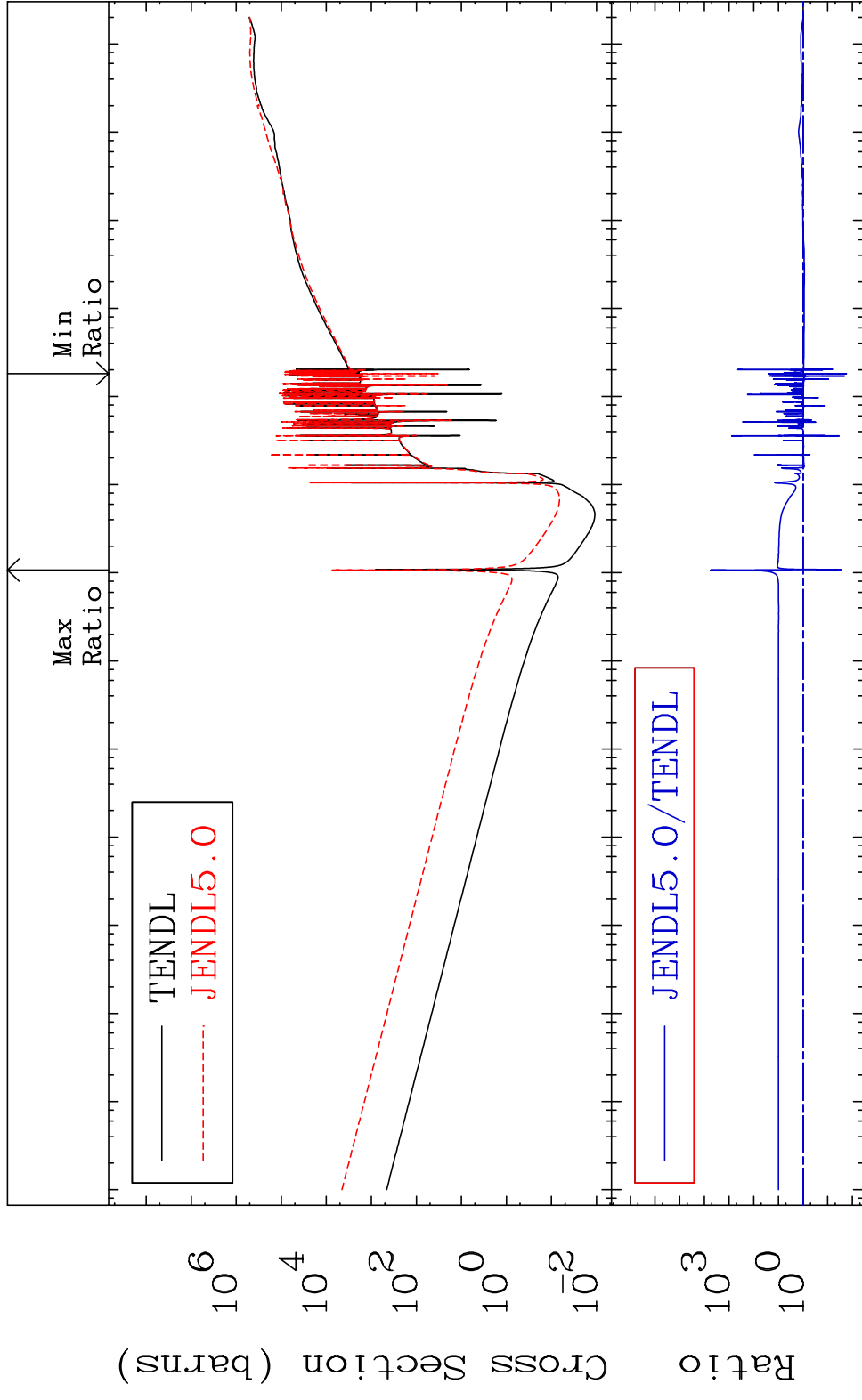


48 Incident Energy (eV) 42-Mo-94

MAT 4231 Total kinematic kerma (high limit) 42-Mo-94
 Cross Section -98.25 To 9999. %

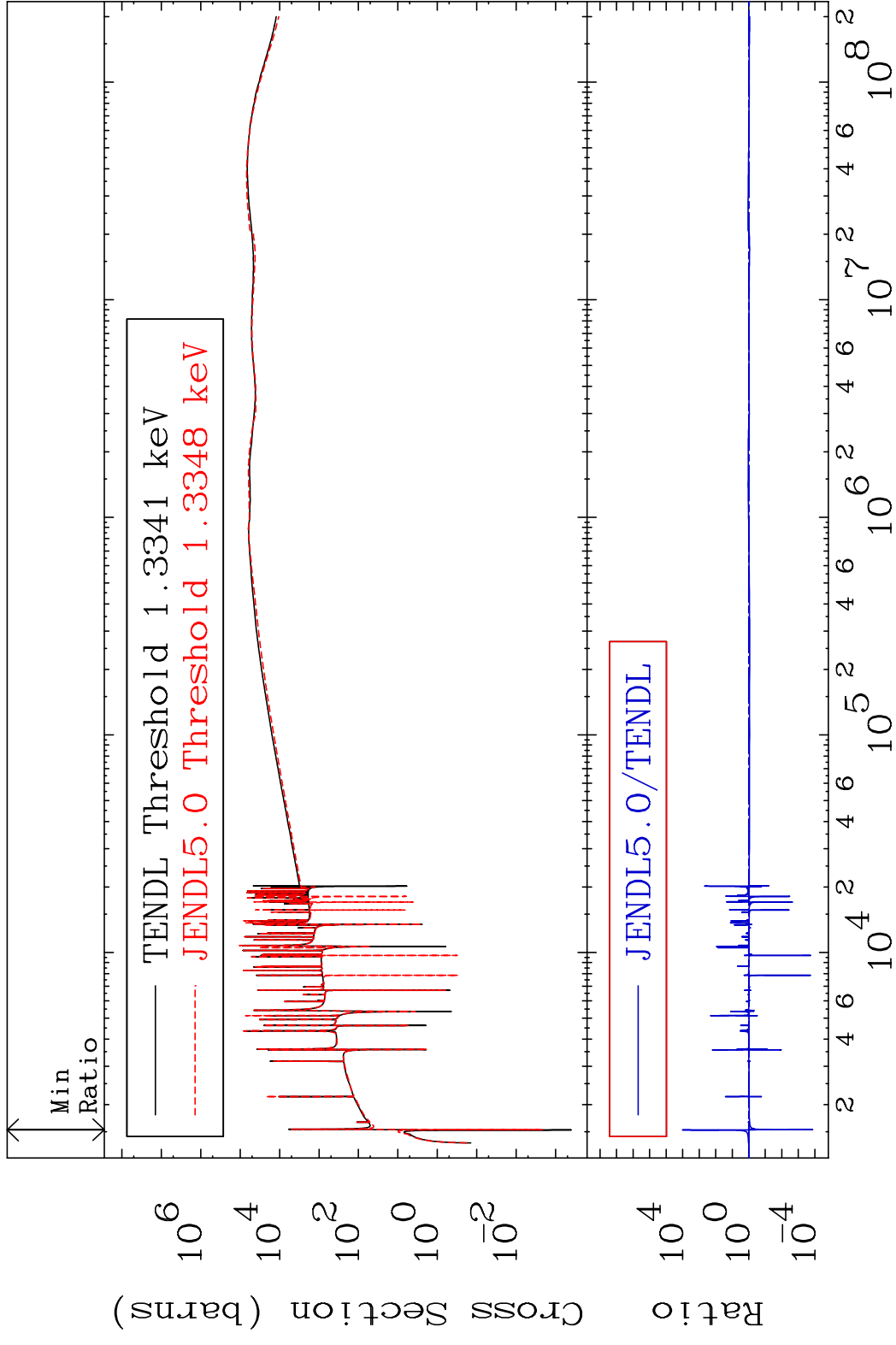


MAT 4231 Dpa total (eV-barns) 42-Mo-94
 Cross Section -98.24 To 9999. %

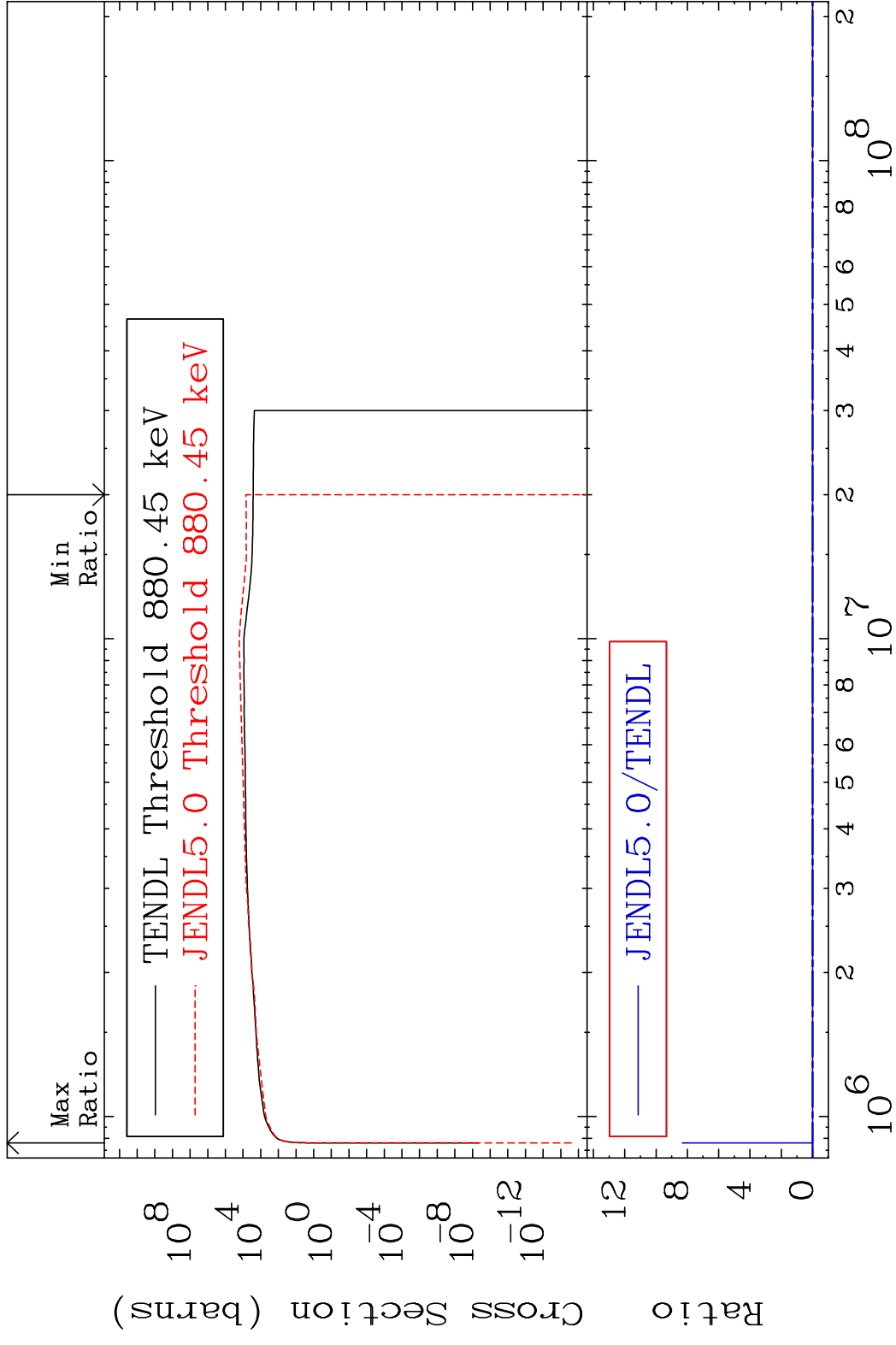


50 Incident Energy (eV) 42-Mo-94

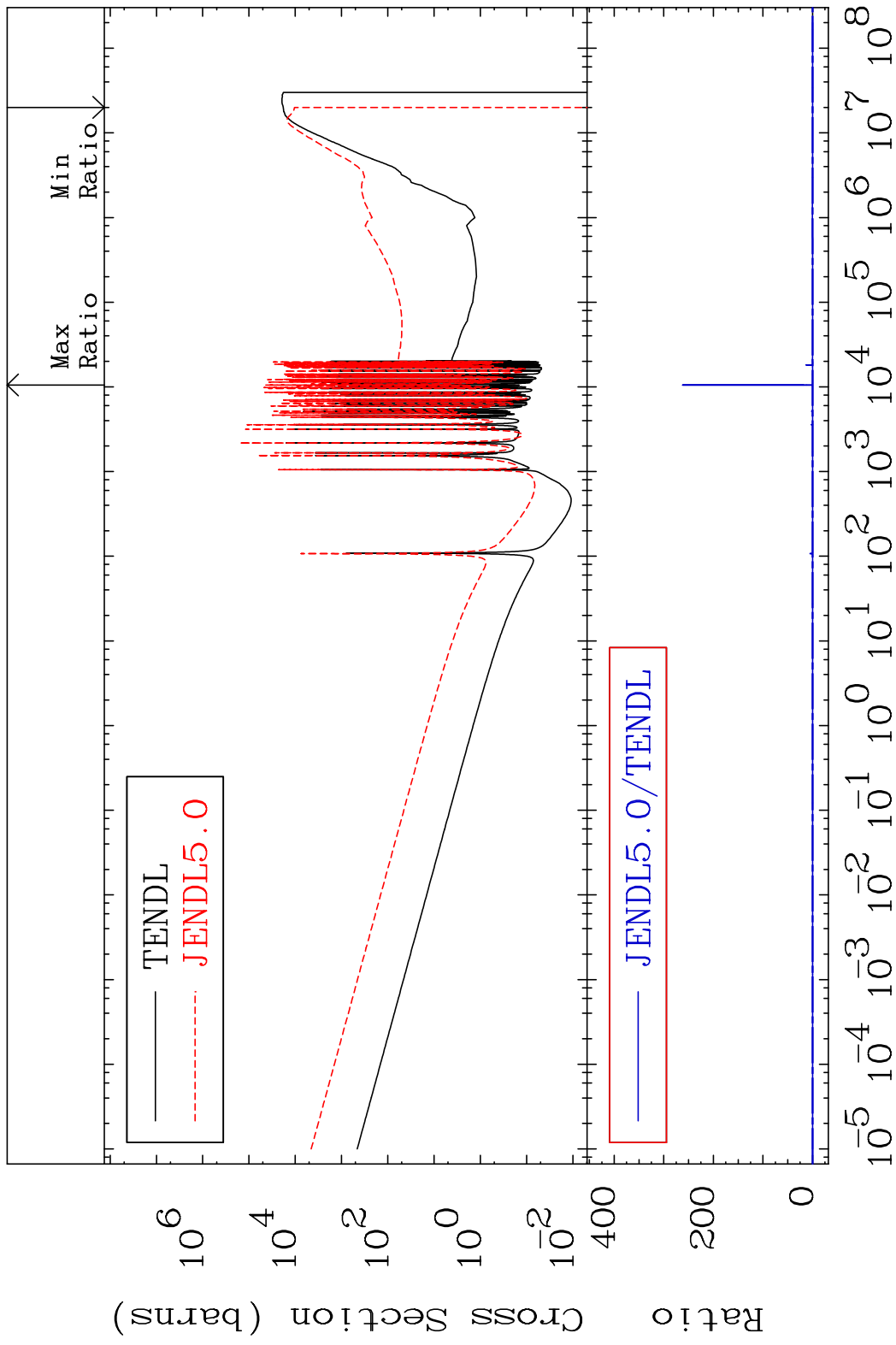
MAT 4231 Dpa elastic (mt2) 42-Mo-94
 Cross Section -99.99 To 9999. %



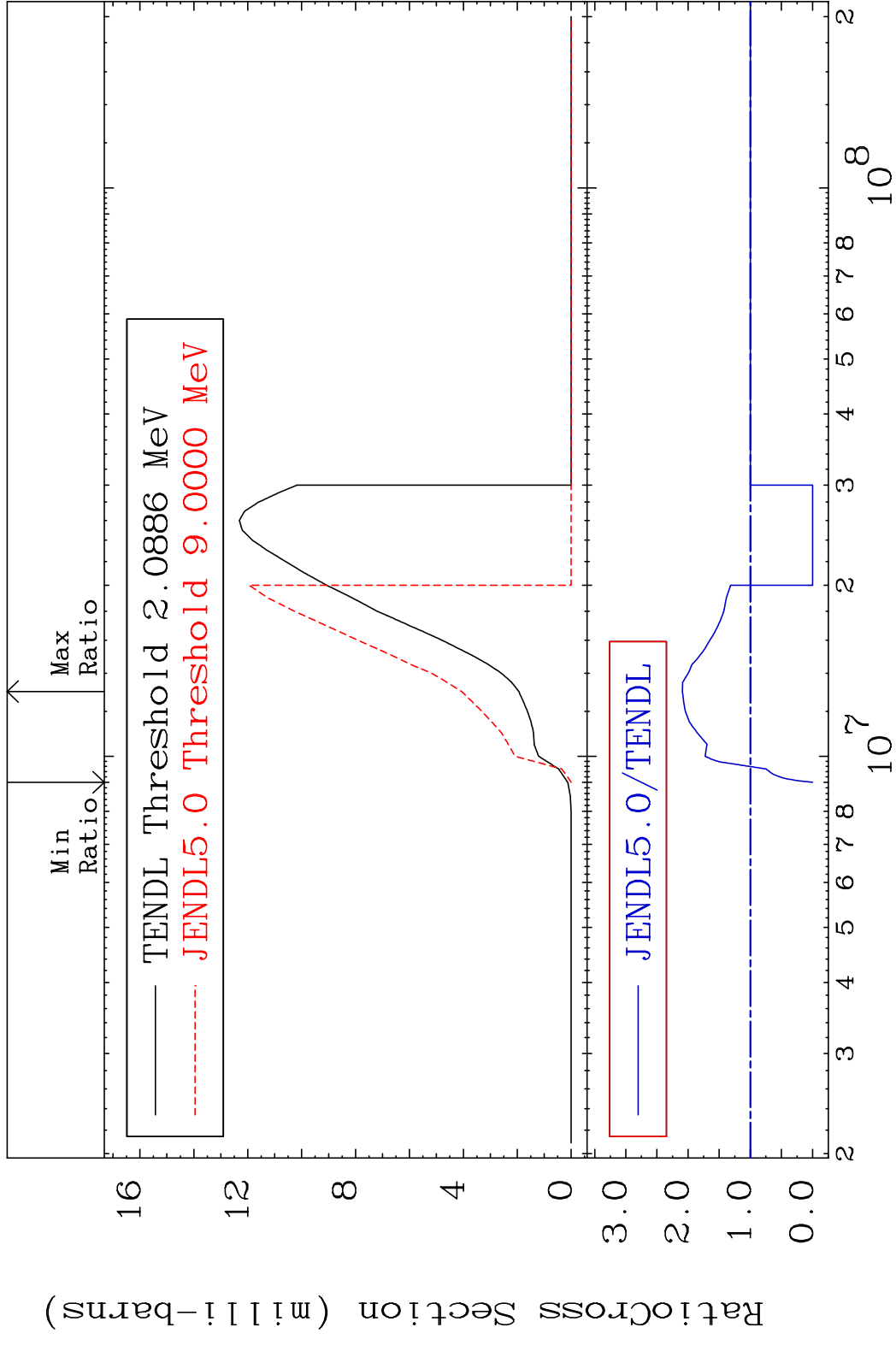
MAT 4231 Dpa inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 9999. %



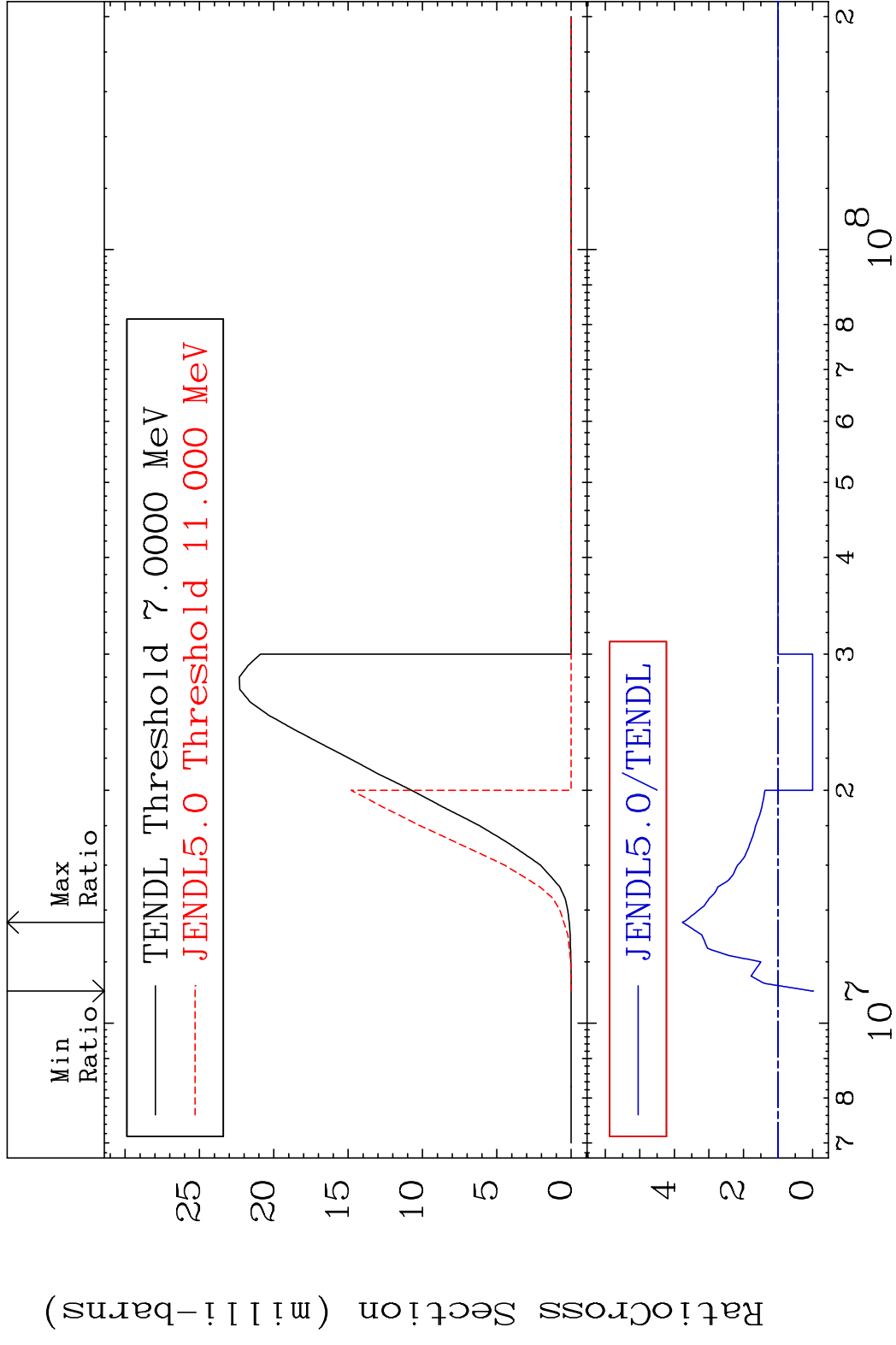
MAT 4231 Dpa disappearance (mt102 -120) 42-Mo-94
 Cross Section -100.0 To 9999. %



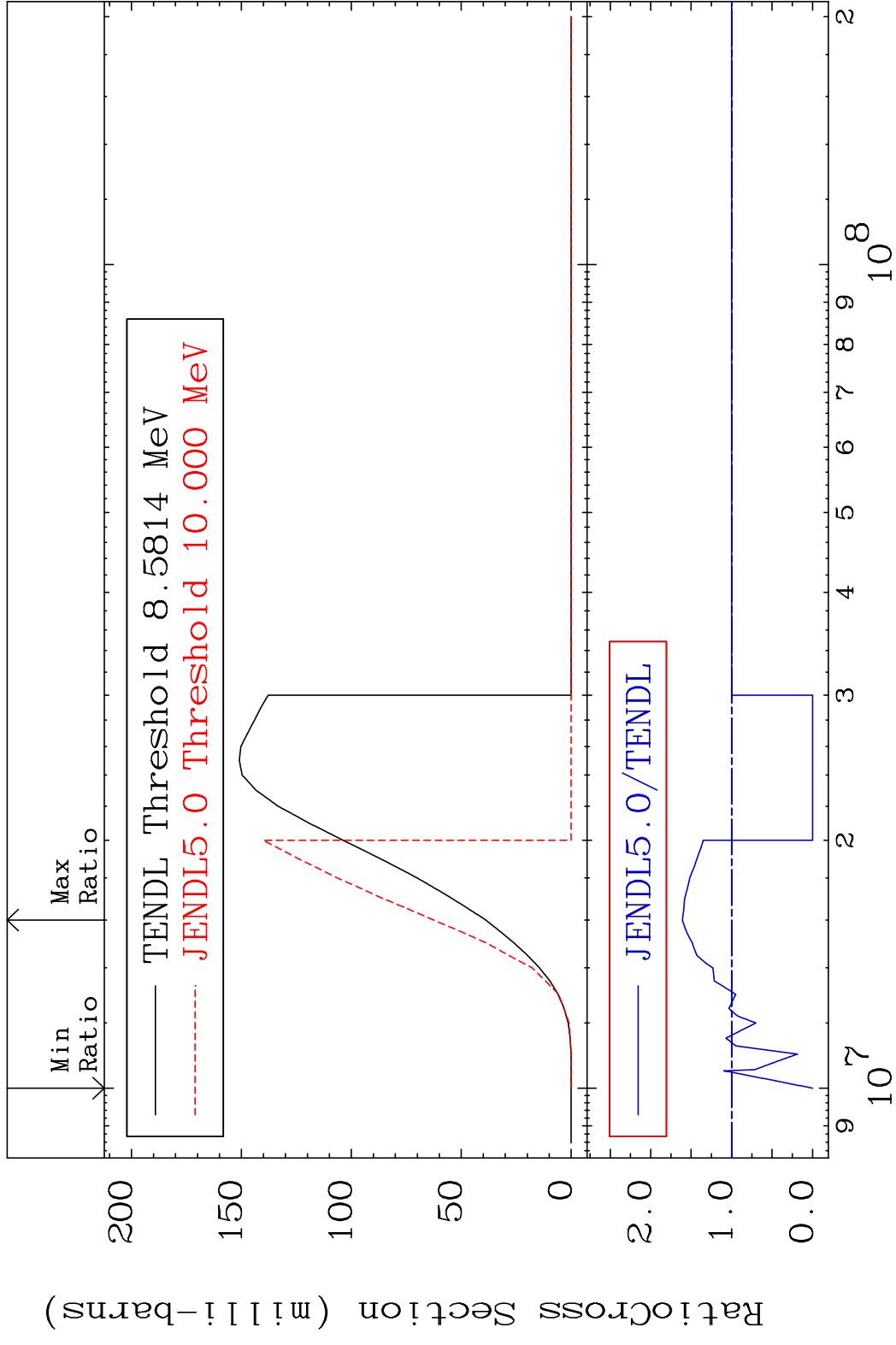
MAT 4231 (n, n') α : 40-Zr-90g 42-Mo-94
 Radionuclide Production Cross Section 100.0 dth 109.2 %



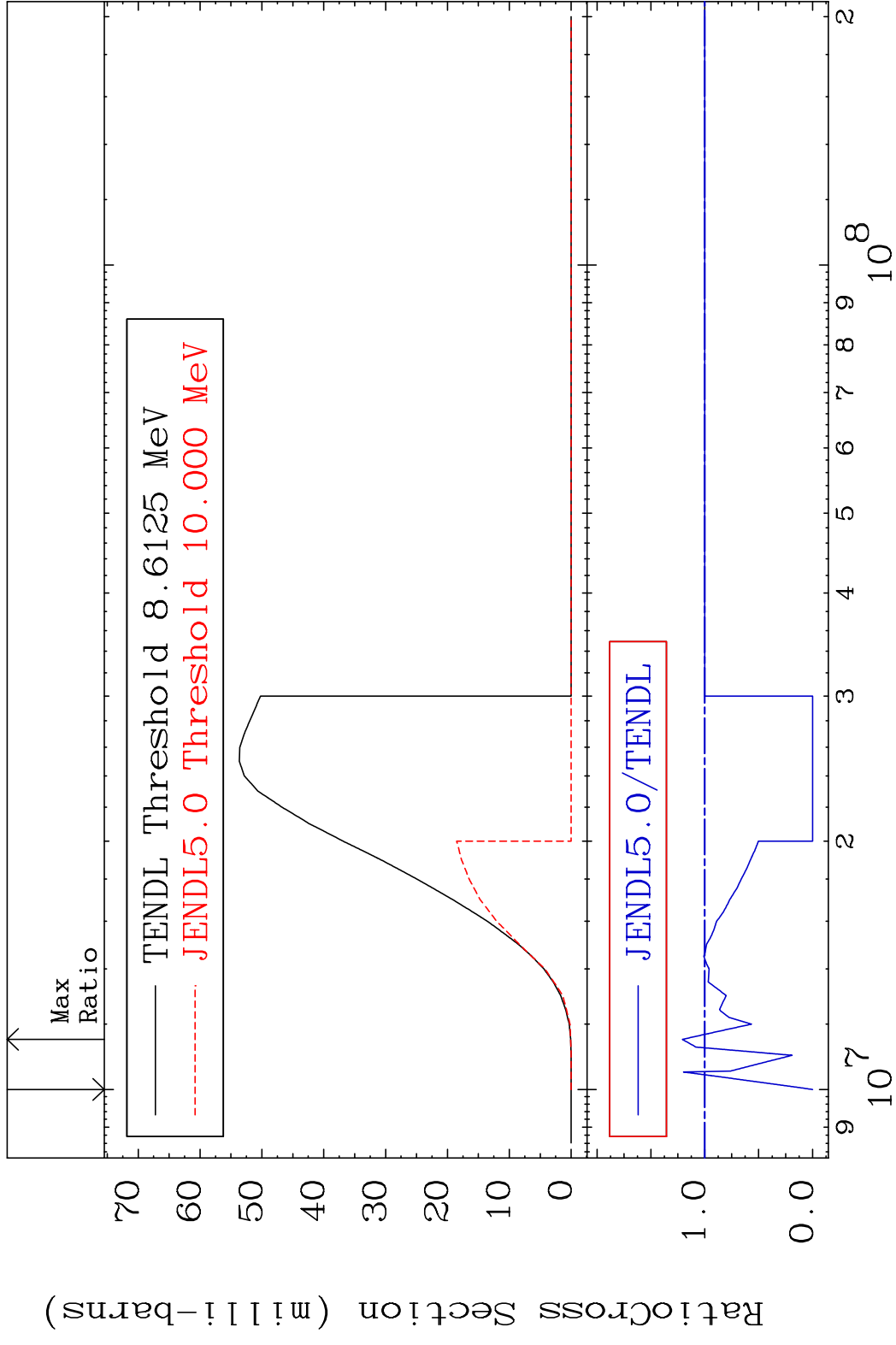
MAT 4231 (n, n') α :40-Zr-90m3 42-Mo-94
 Radionuclide Production Cross Section 180.0 dth 277.0 %



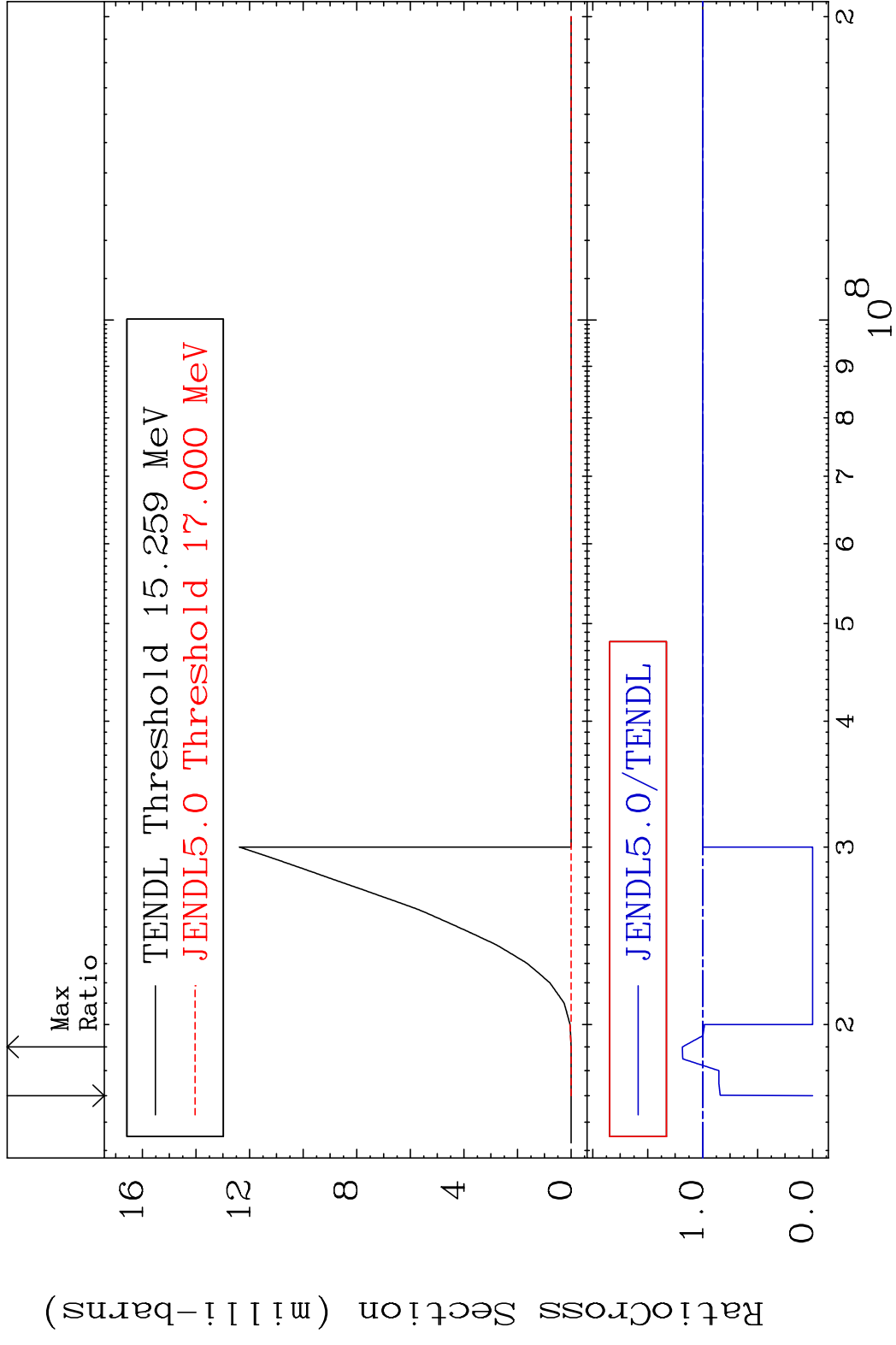
MAT 4231 (n, n') p:41-Nb-93g 42-Mo-94
 Radionuclide Production Cross Section 60.89 %



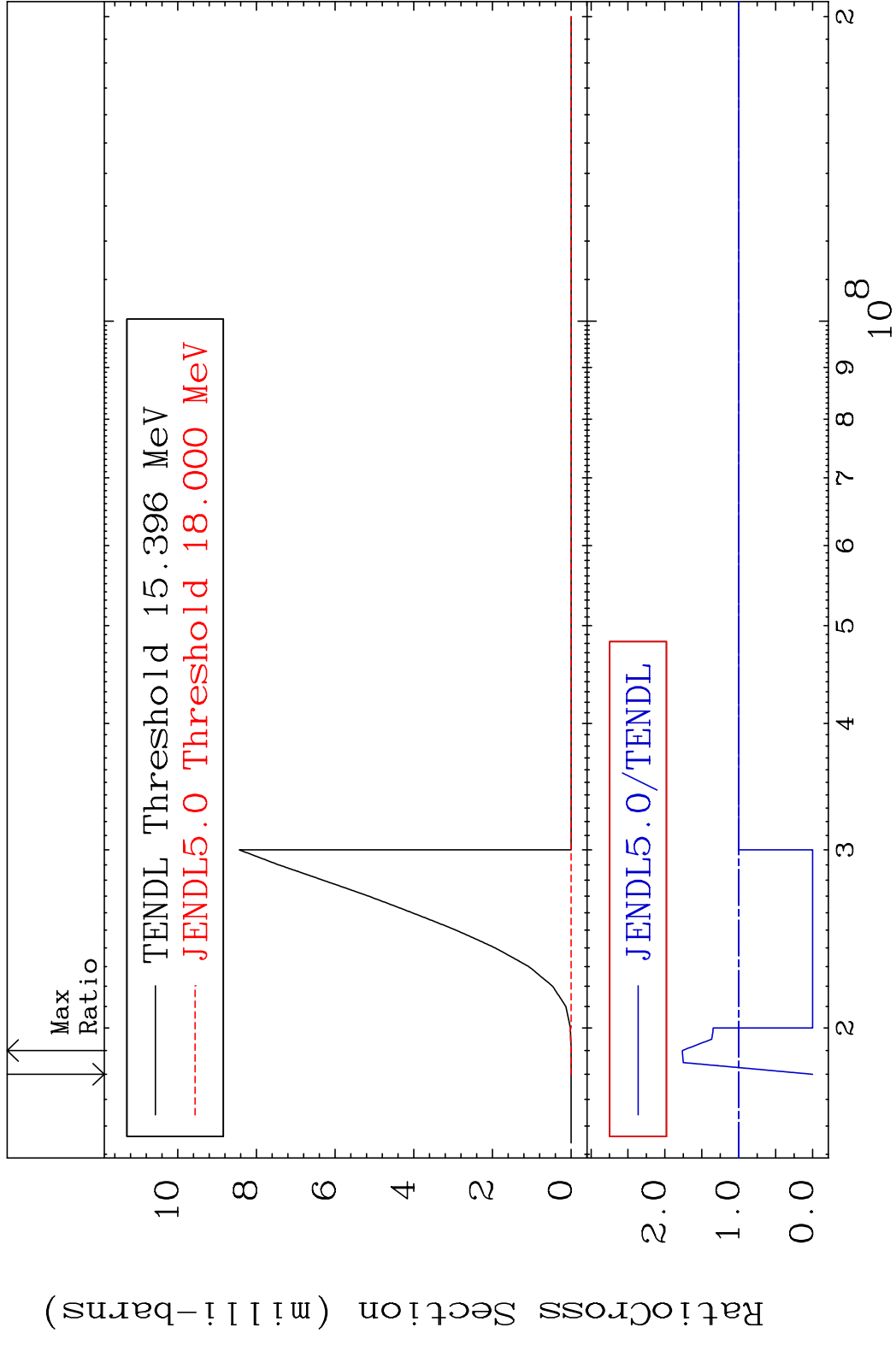
MAT 4231 (n, n') p:41-Nb-93m1 42-Mo-94
 Radionuclide Production Cross Section 180.0 mb 20.80 %



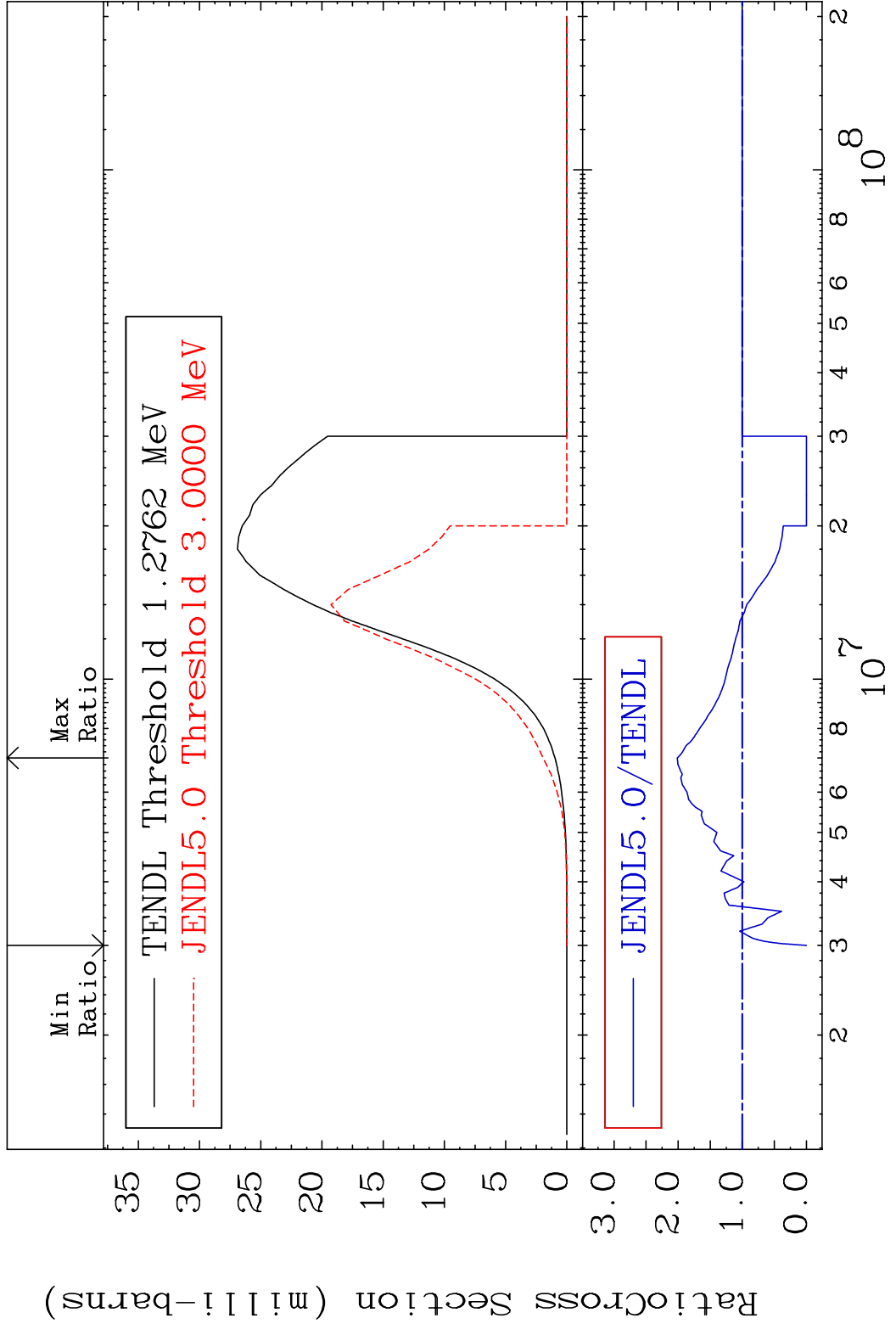
MAT 4231 (n, n') d:41-Nb-92g 42-Mo-94
 Radionuclide Production Cross Section 18.47 %



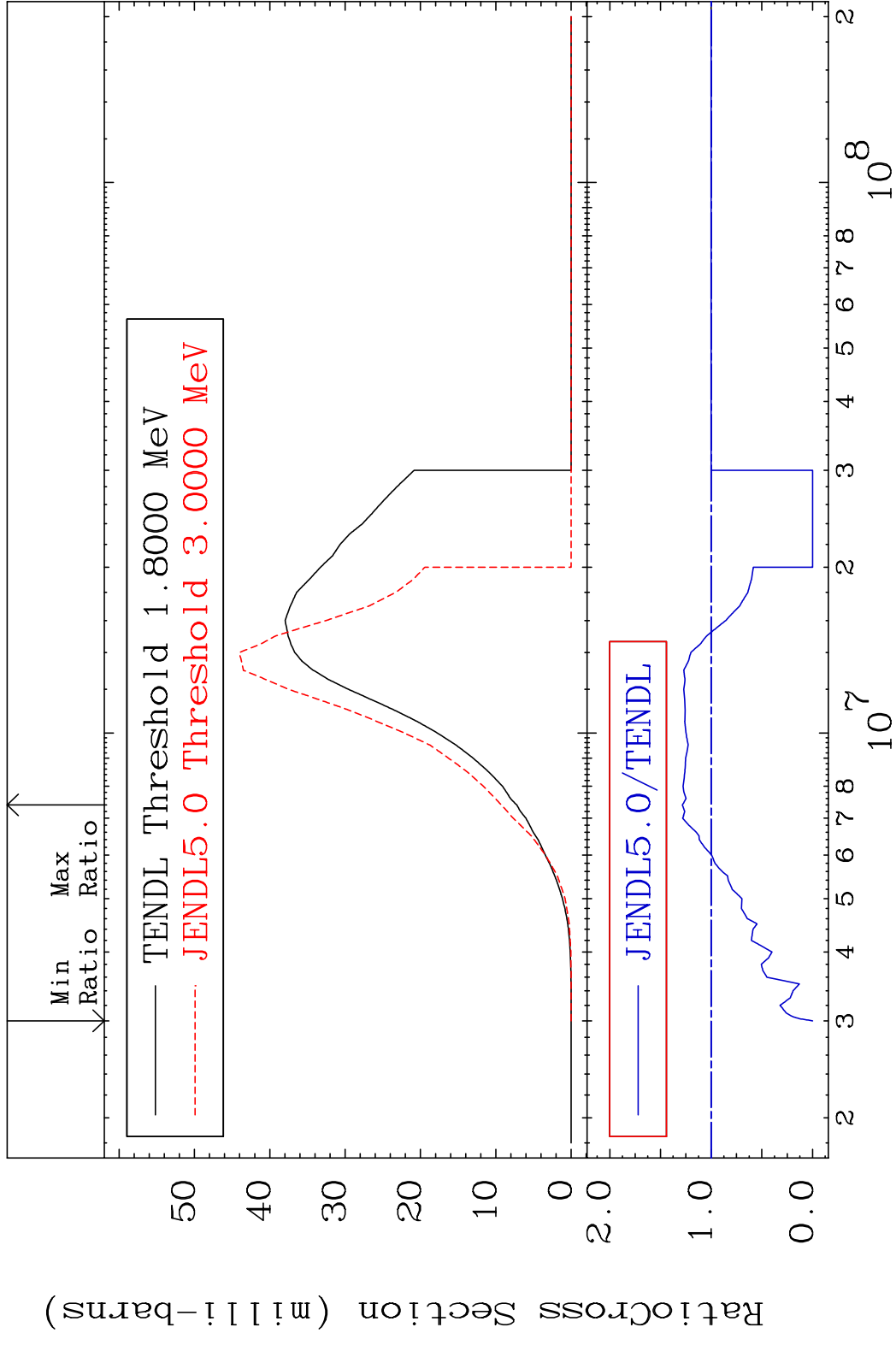
MAT 4231 (n, n') d:41-Nb-92m1 42-Mo-94
 Radionuclide Production Cross Section 180.0 mb 76.35 %



MAT 4231 (n,p):41-Nb-94g 42-Mo-94
 Radionuclide Production Cross Section 100.0% 101.5%

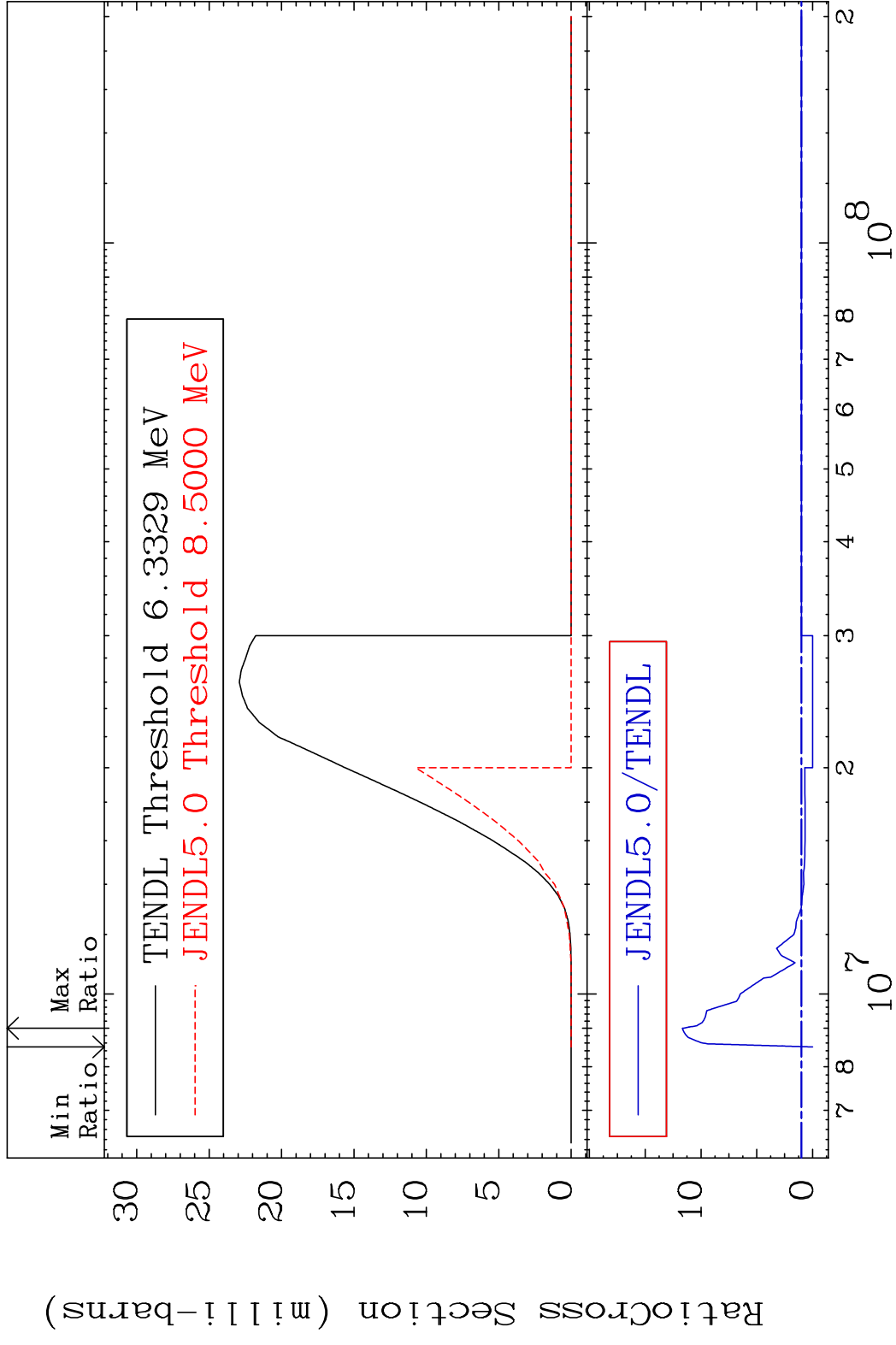


MAT 4231 (n,p):41-Nb-94m1 42-Mo-94
 Radionuclide Production Cross Section Ratio 28.40 %

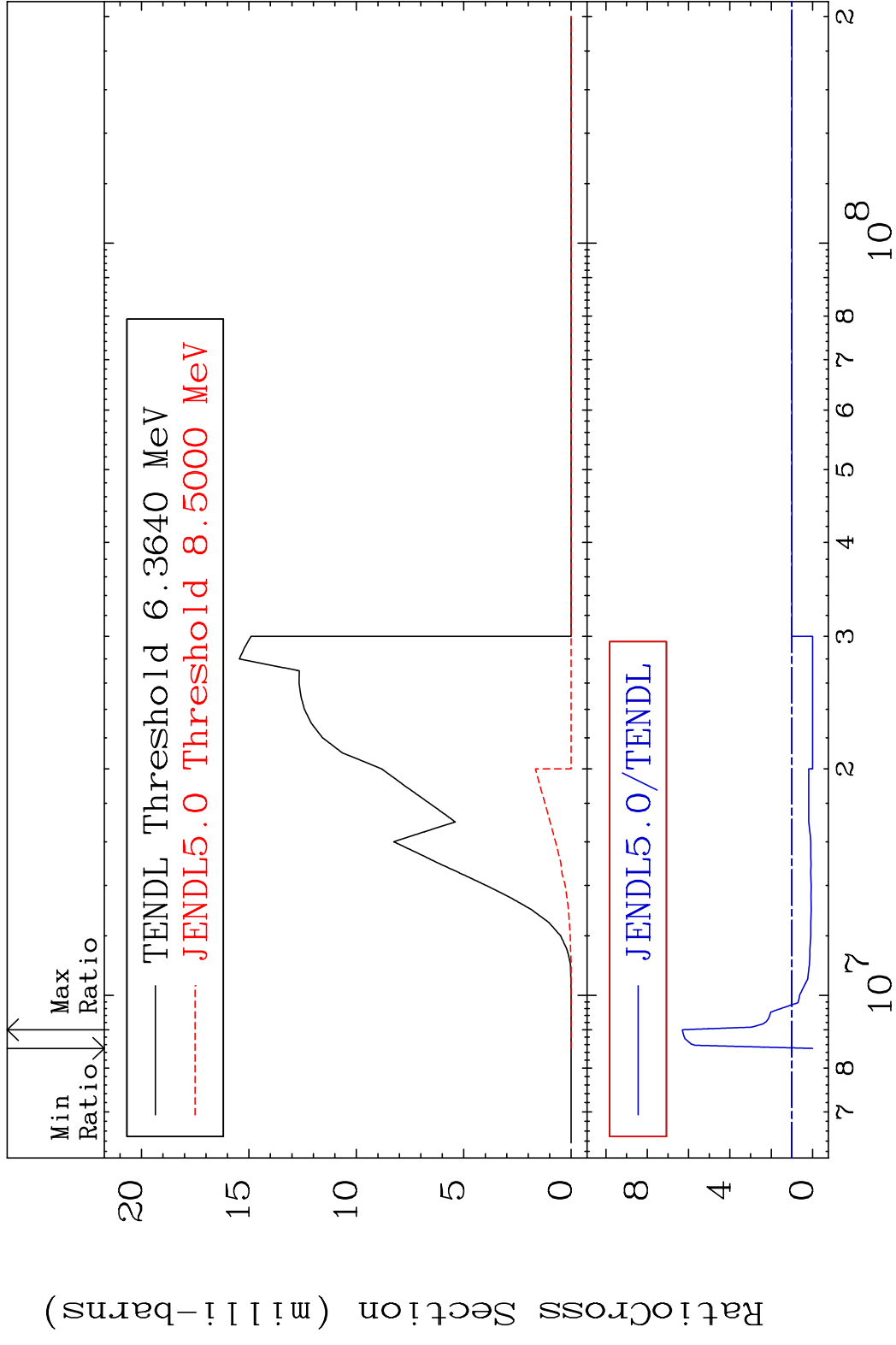


61 Incident Energy (eV) 42-Mo-94

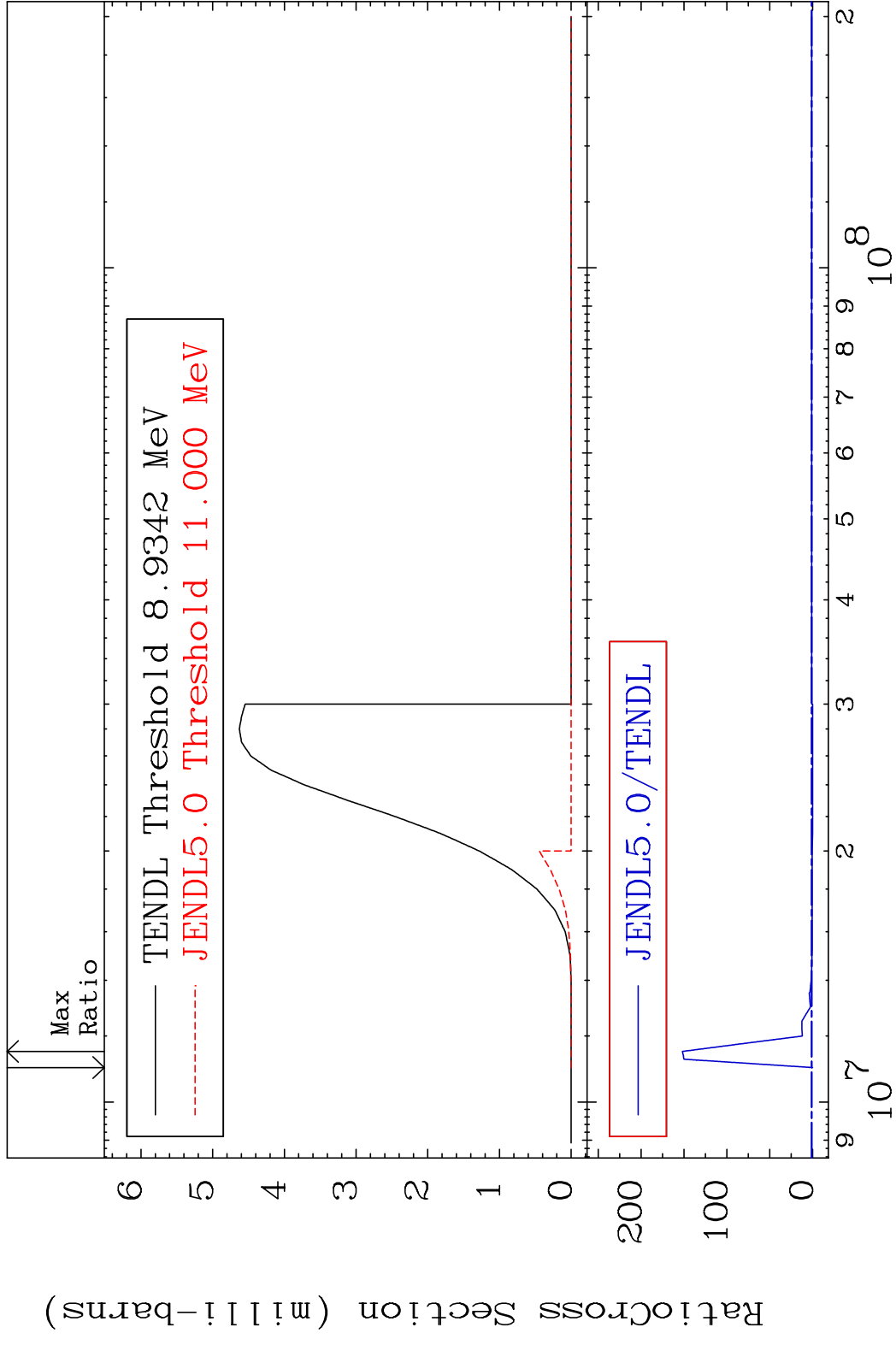
MAT 4231 (n, d) : 41-Nb-93g 42-Mo-94
 Radionuclide Production Cross Section 100.00 dth 1067. %



MAT 4231 (n, d) : 41-Nb-93m1 42-Mo-94
 Radionuclide Production Cross Section 530.2 %

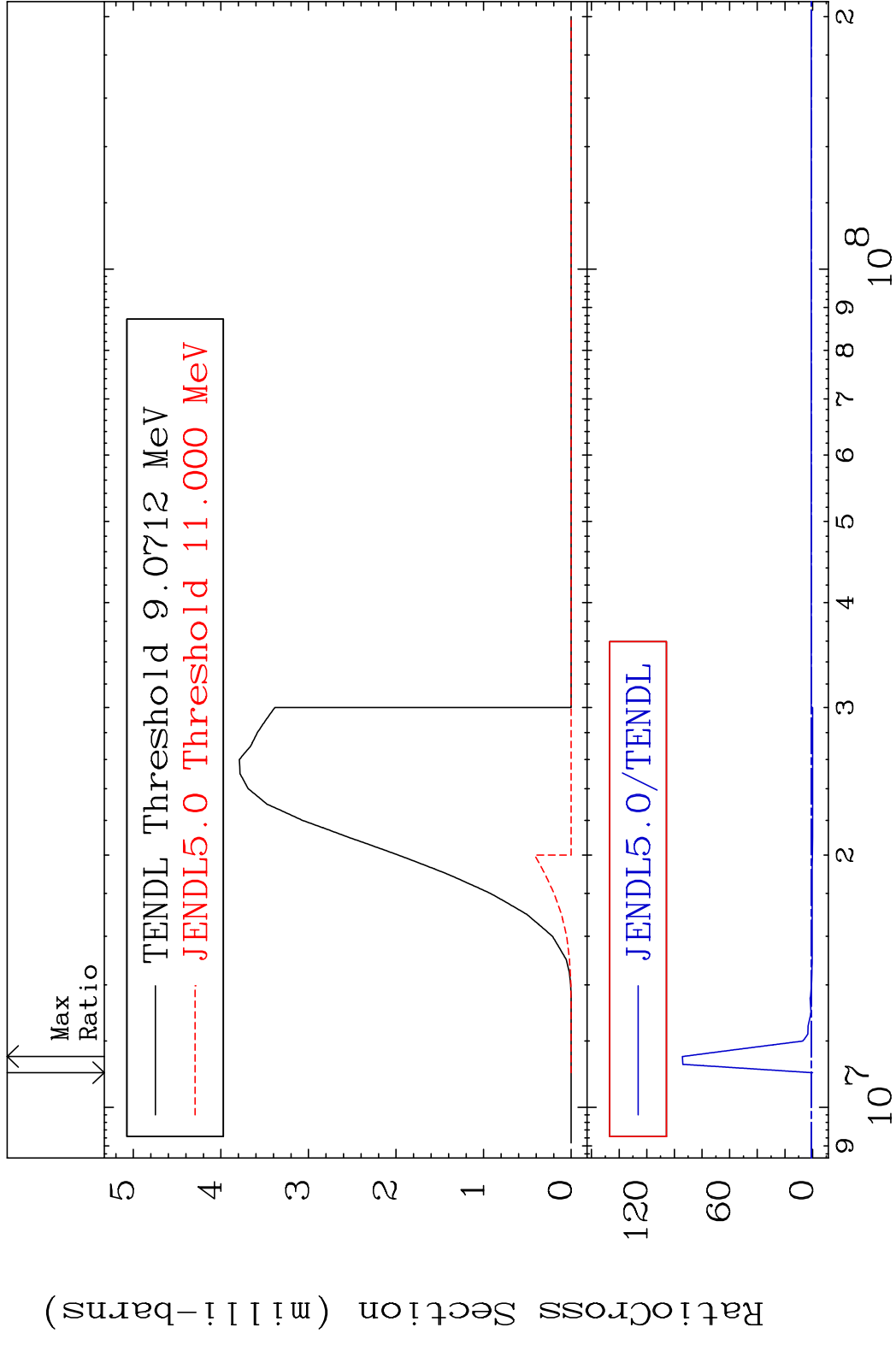


MAT 4231 (n, t): 41-Nb-92g 42-Mo-94
 Radionuclide Production Cross Section (%) 9999. %



64 Incident Energy (eV) 42-Mo-94

MAT 4231 (n, t): 41-Nb-92m1 42-Mo-94
 Radionuclide Production Cross Section to 9323. %



65 Incident Energy (eV) 42-Mo-94