

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

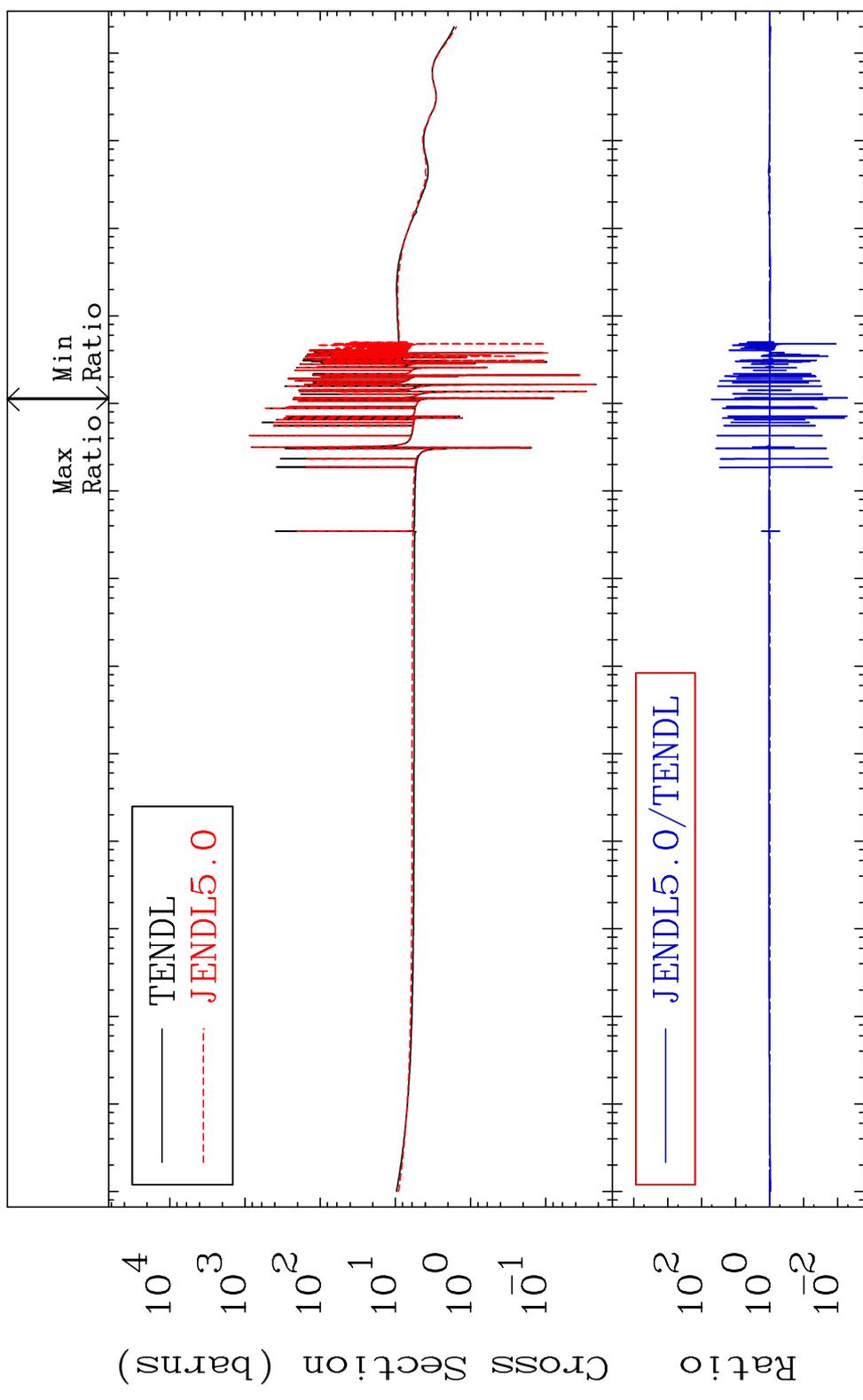
Press Mouse Button to Start

MAT 4225

Total

42-Mo-92

Cross Section -99.49 To 4951. %



1

Incident Energy (eV)

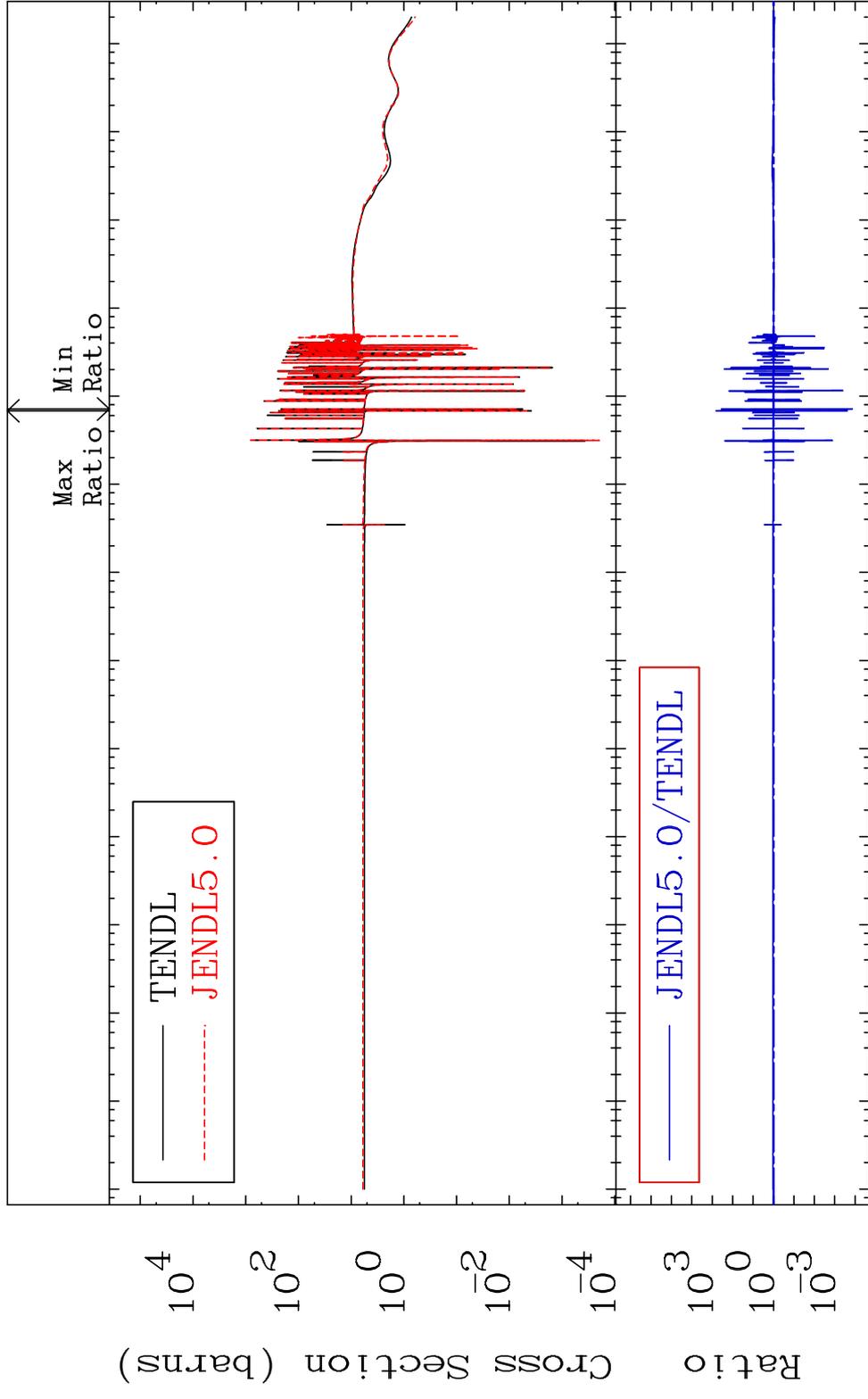
42-Mo-92

MAT 4225

Elastic

42-Mo-92

Cross Section -99.99 To 9999. %

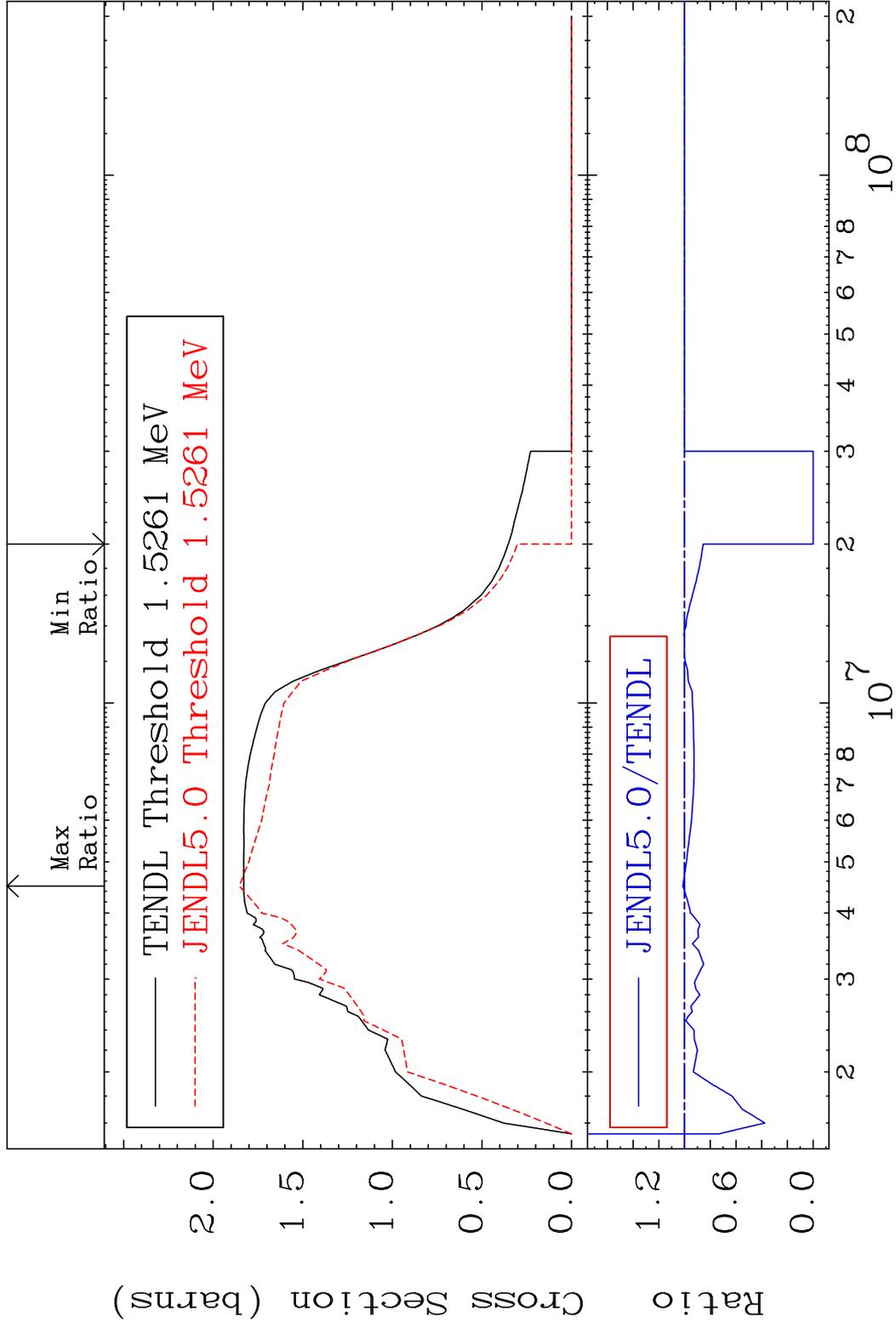


2

Incident Energy (eV)

42-Mo-92

MAT 4225 Inelastic Cross Section -100.0 To 1.320 % 42-Mo-92

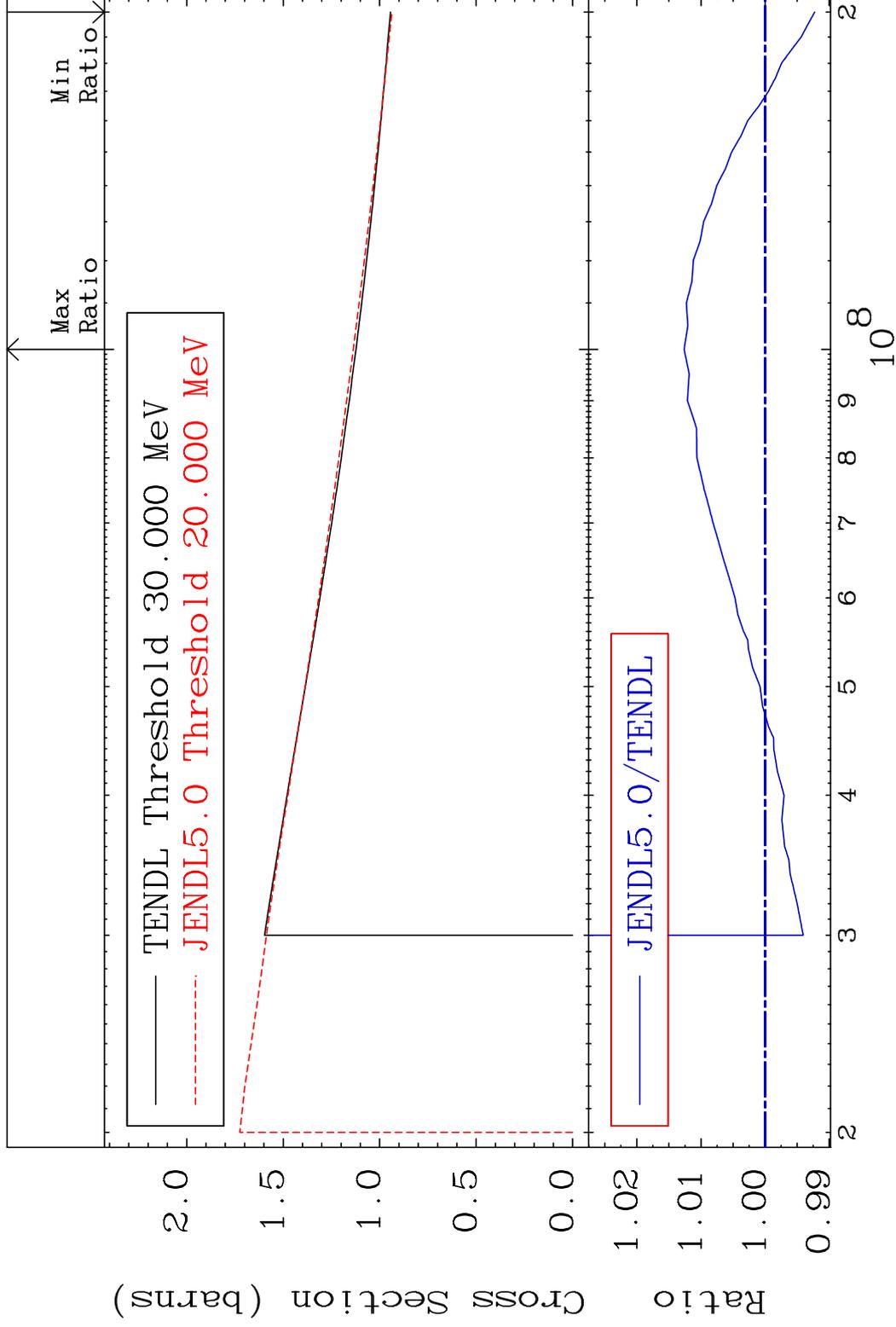


MAT 4225

(n, remainder)

42-Mo-92

Cross Section -0.773 To 1.263 %

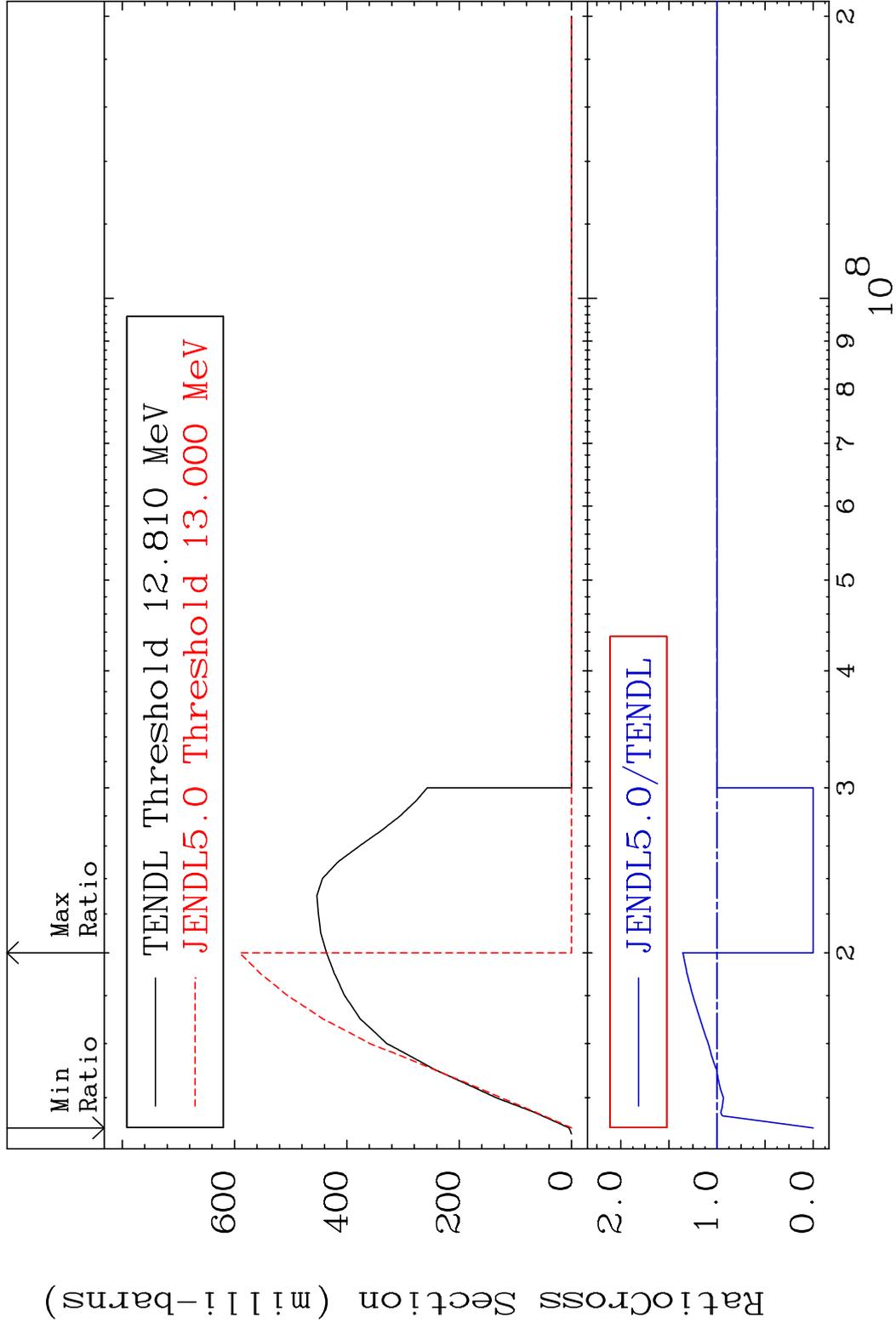


4

Incident Energy (eV)

42-Mo-92

MAT 4225 (n,2n) 42-Mo-92
 Cross Section -100.0 To 35.55 %

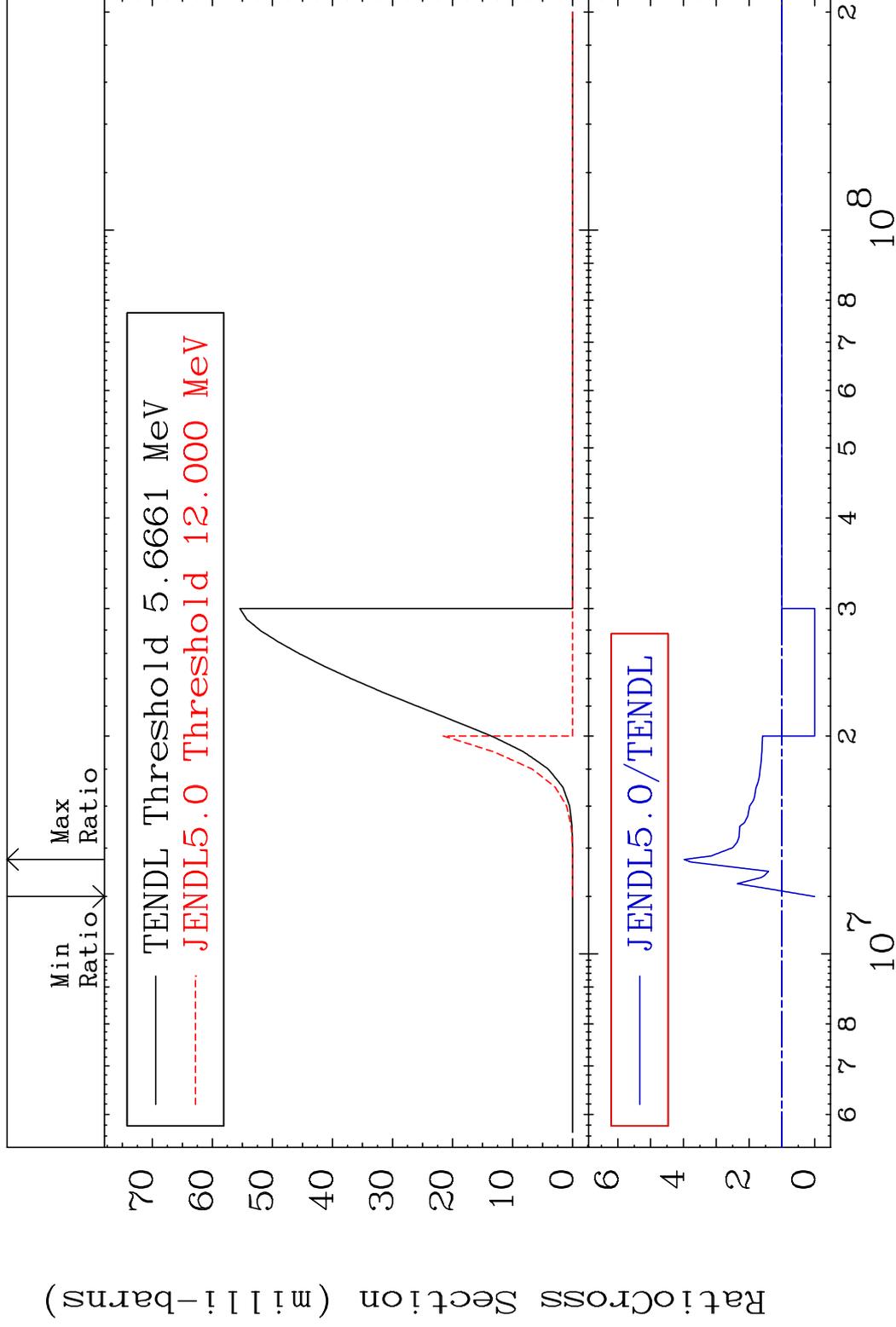


MAT 4225

(n, n') α

42-Mo-92

Cross Section -100.0 To 297.9 %

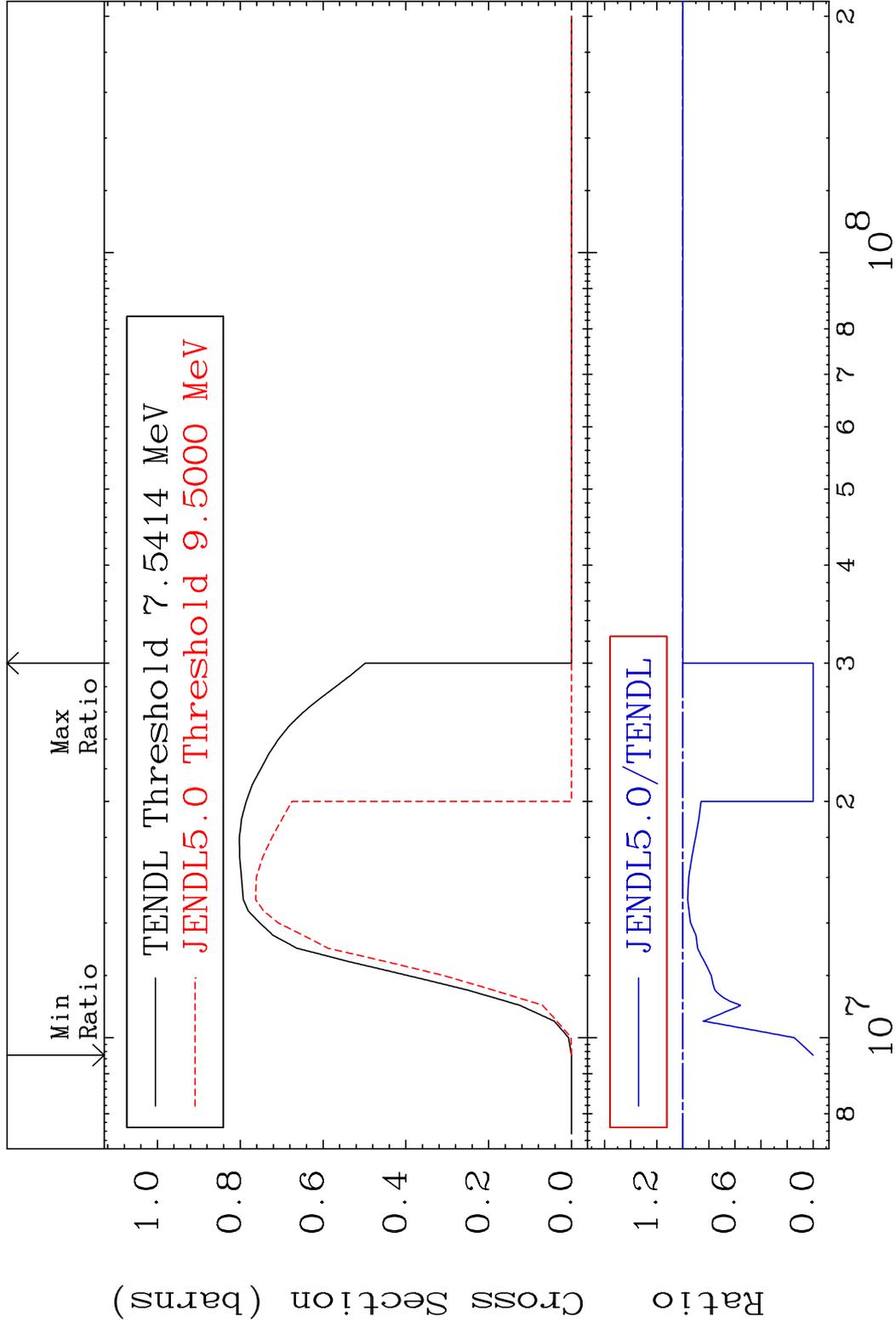


6

Incident Energy (eV)

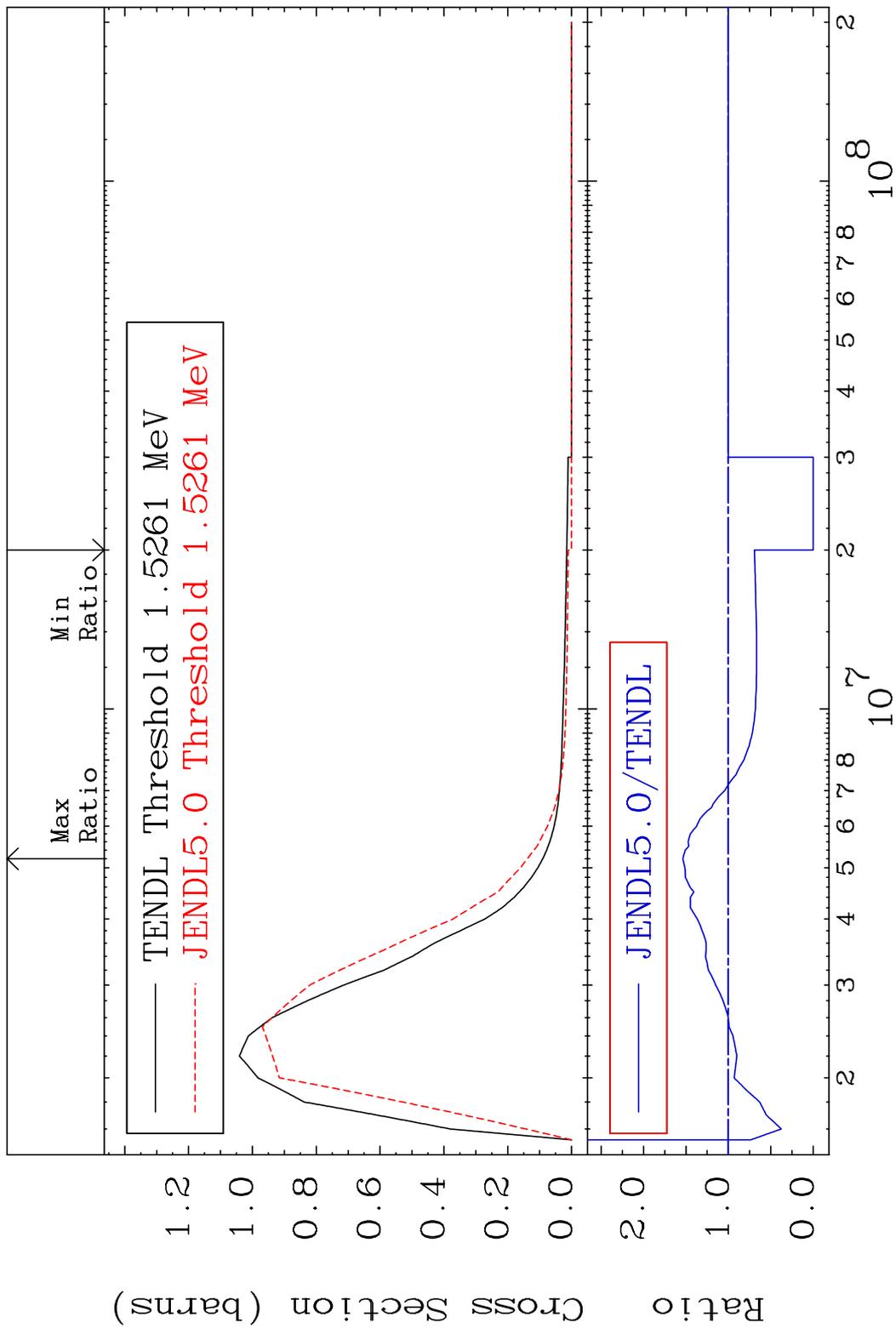
42-Mo-92

MAT 4225 (n, n') p 42-Mo-92
 Cross Section -100.0 To 0.000 %

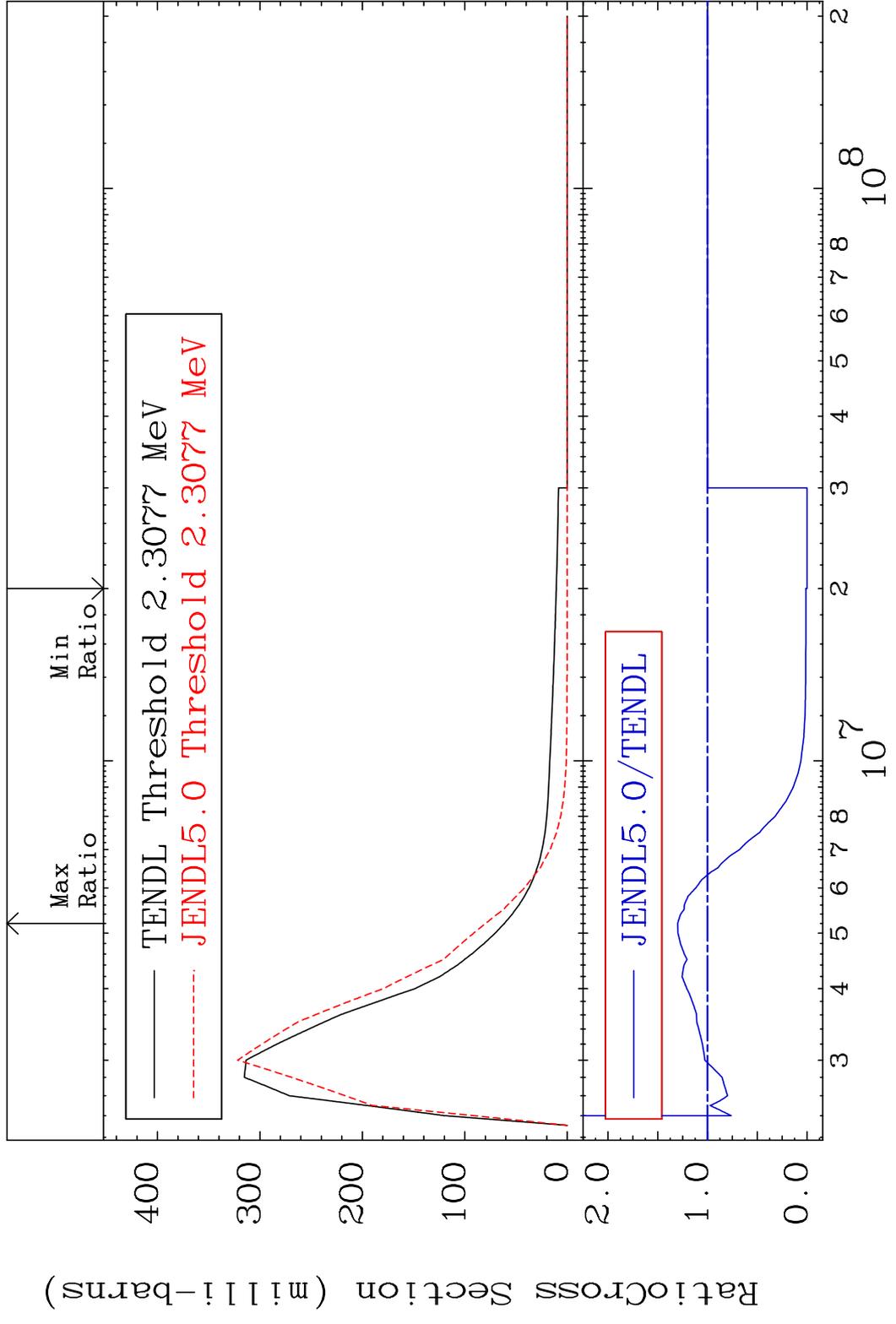


7 Incident Energy (eV) 42-Mo-92

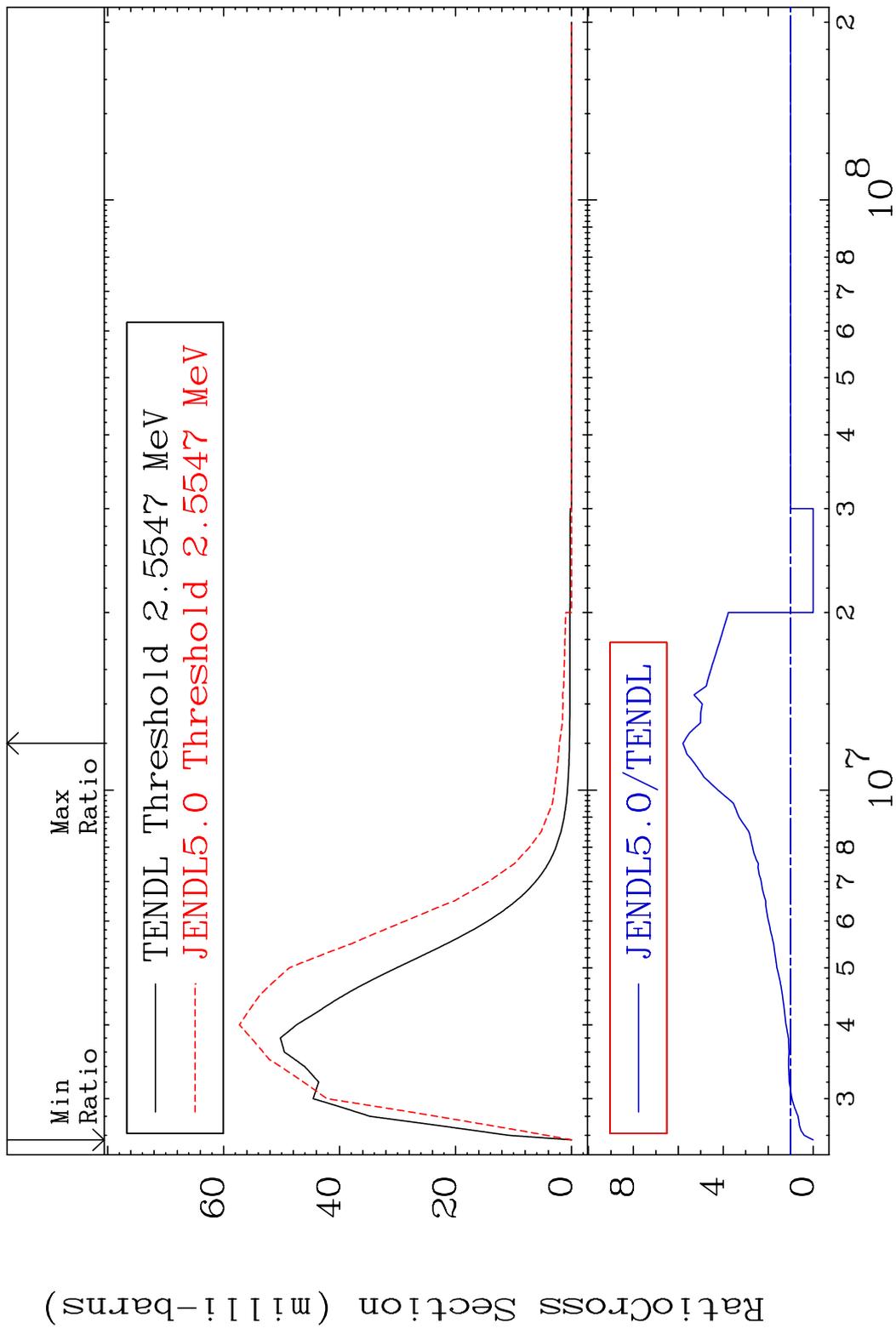
MAT 4225 MT= 51 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 53.69 %



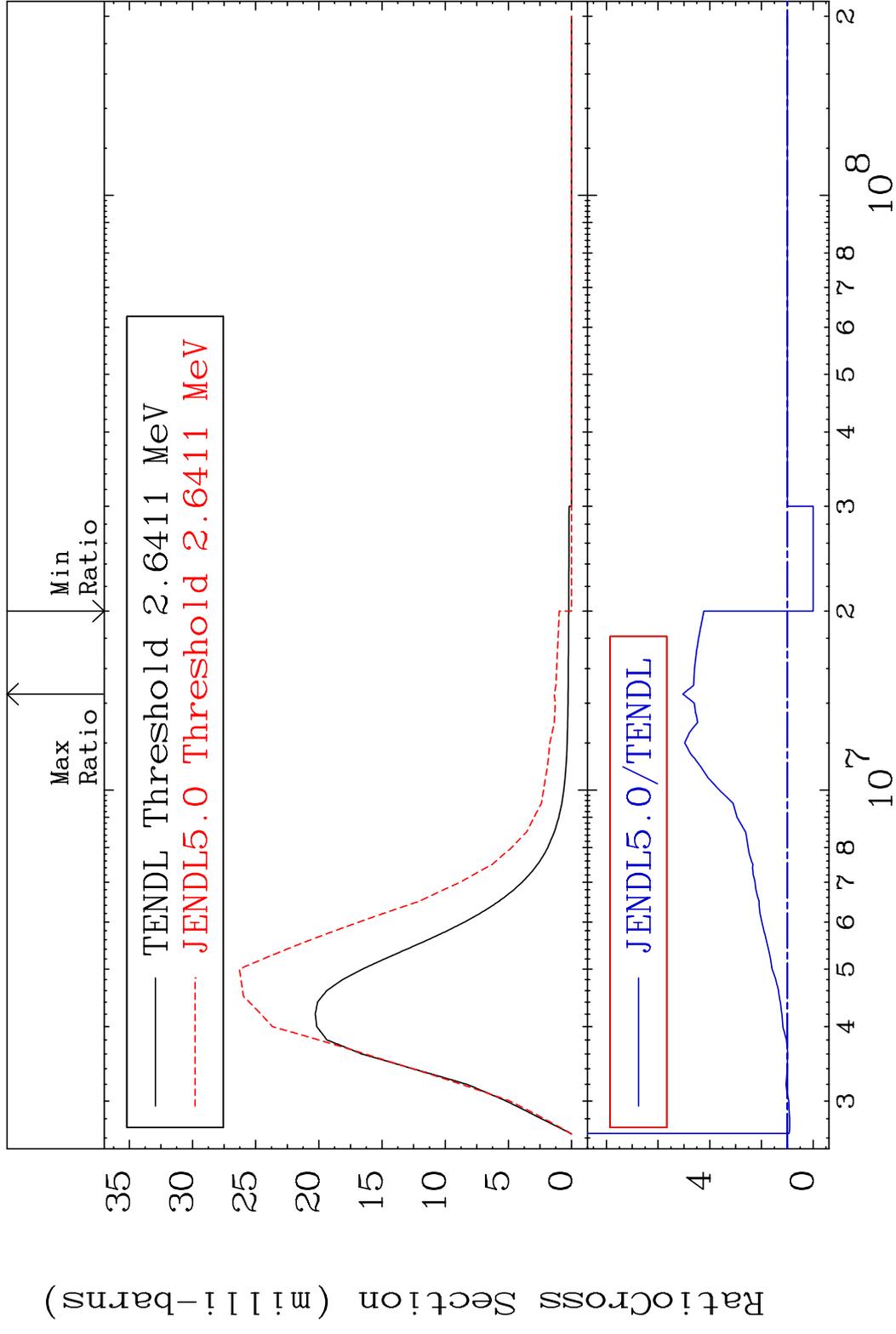
MAT 4225 MT= 52 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 29.98 %



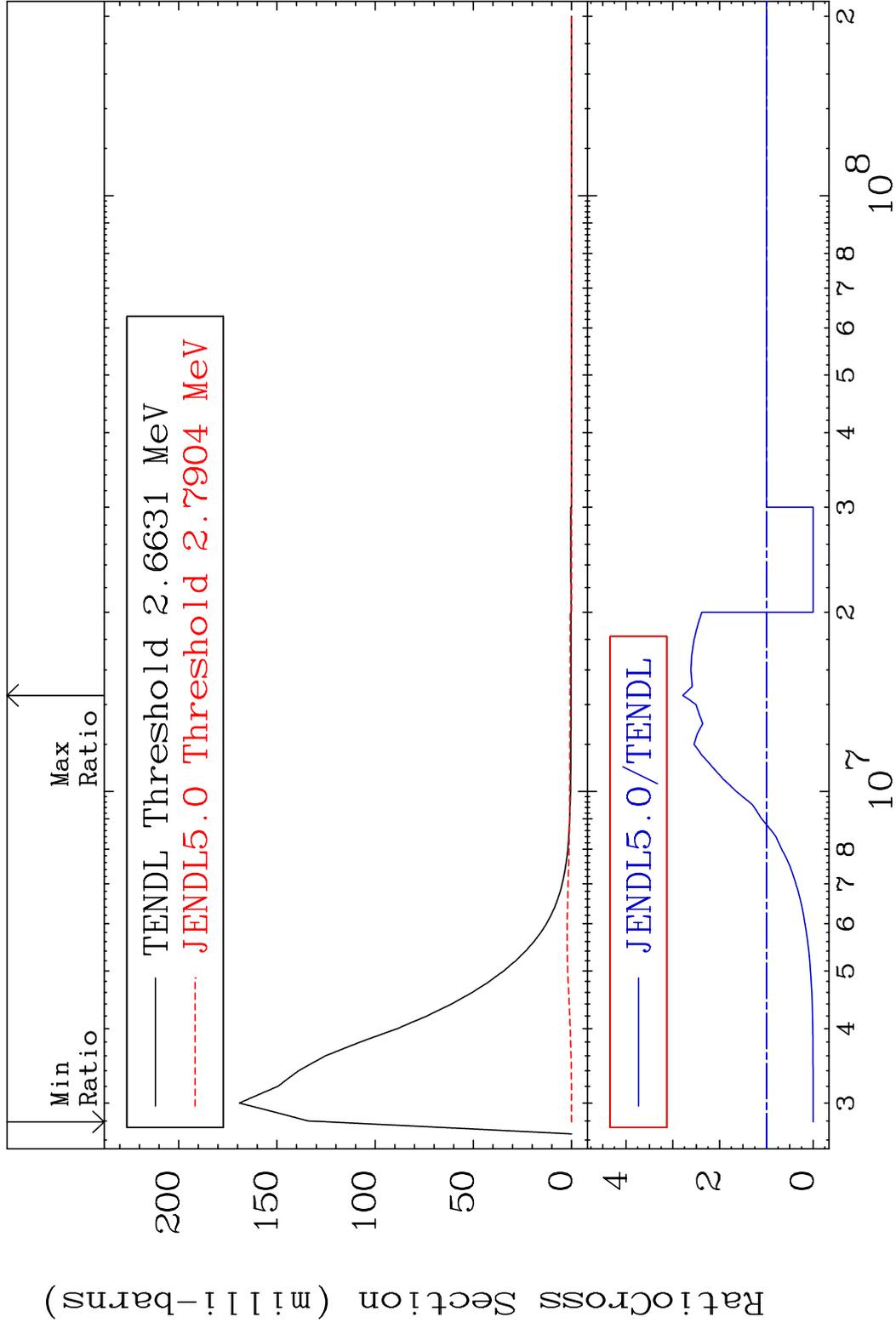
MAT 4225 MT= 54 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 479.8 %



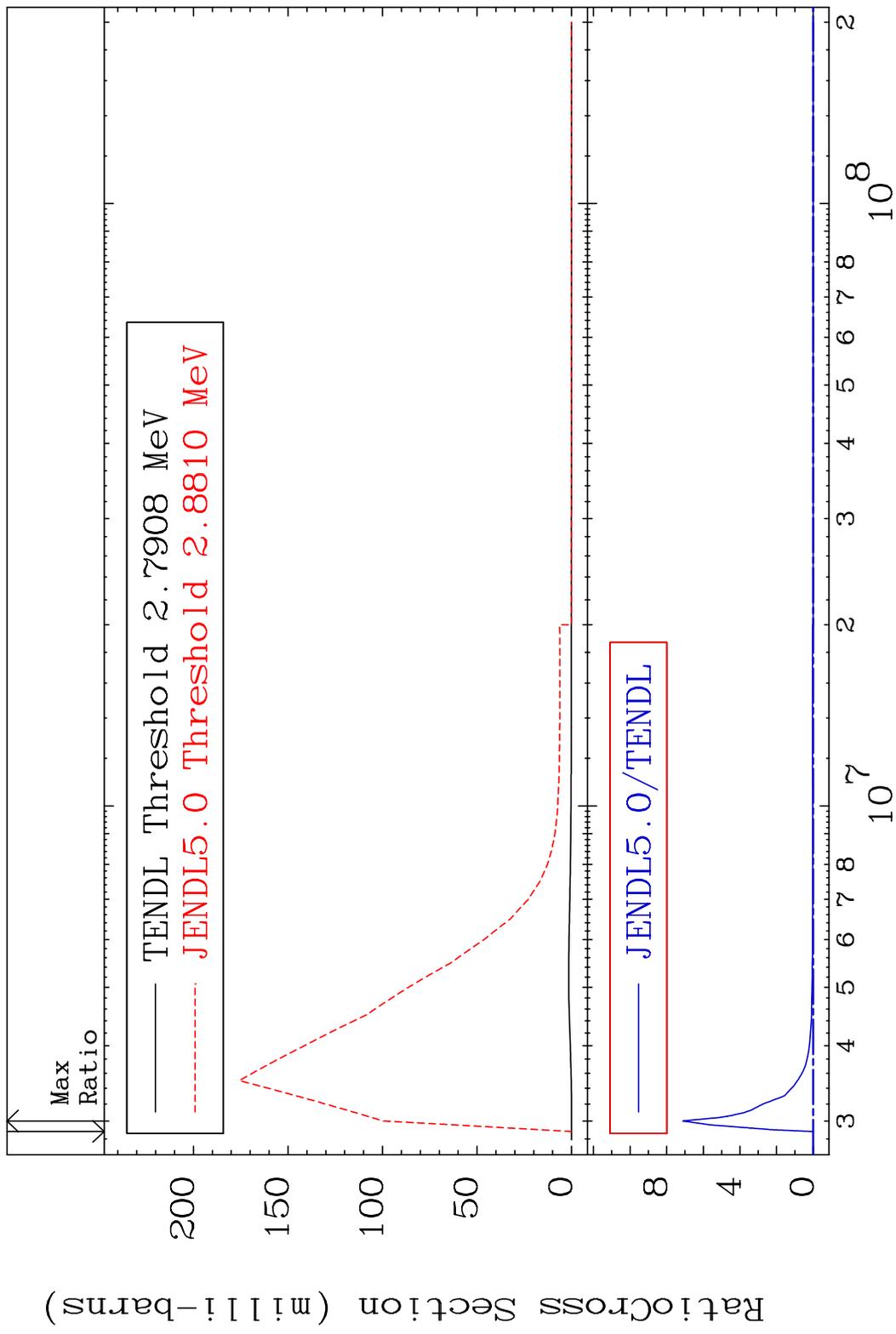
MAT 4225 MT= 55 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 404.2 %



MAT 4225 MT= 56 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 178.6 %

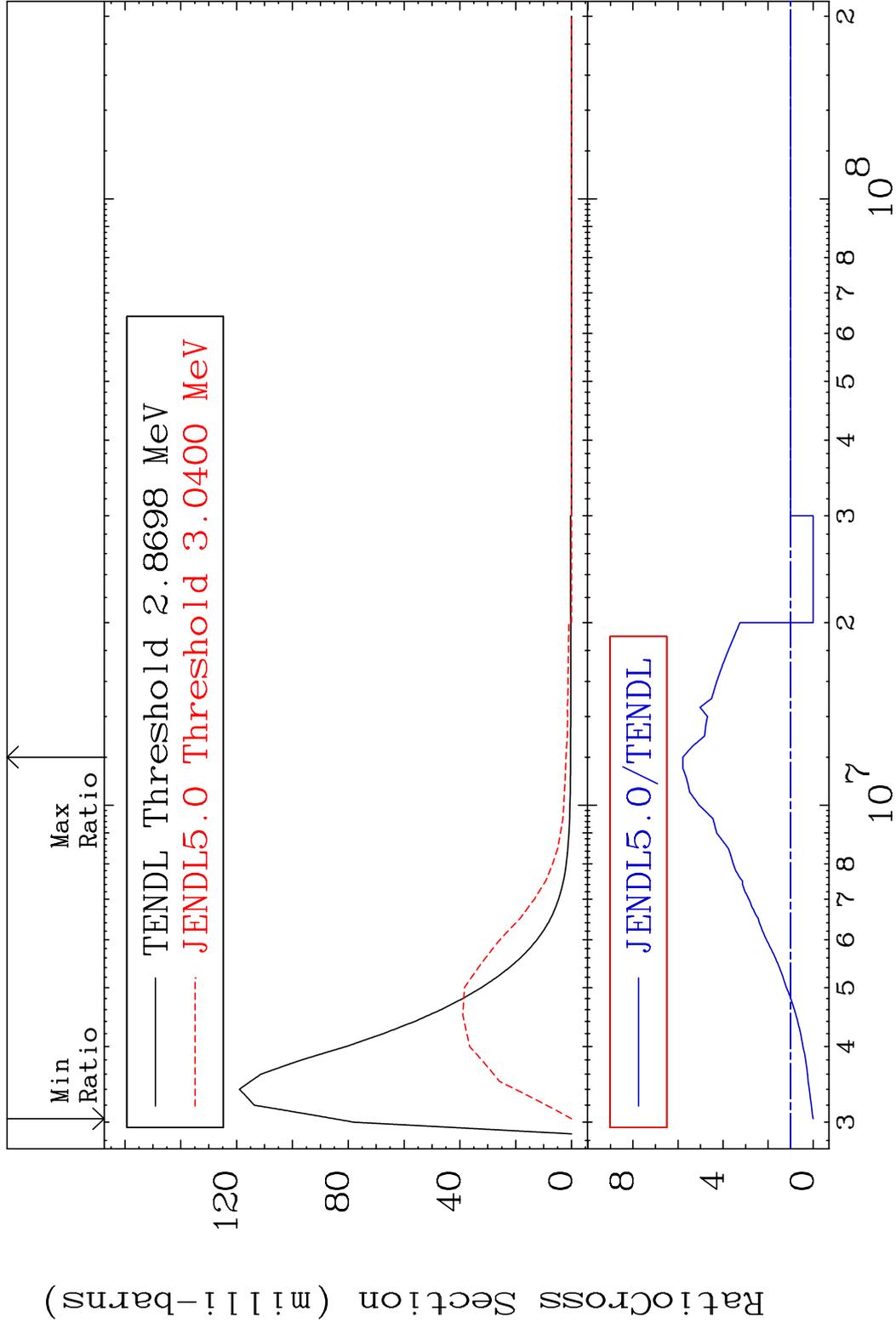


MAT 4225 MT= 57 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %

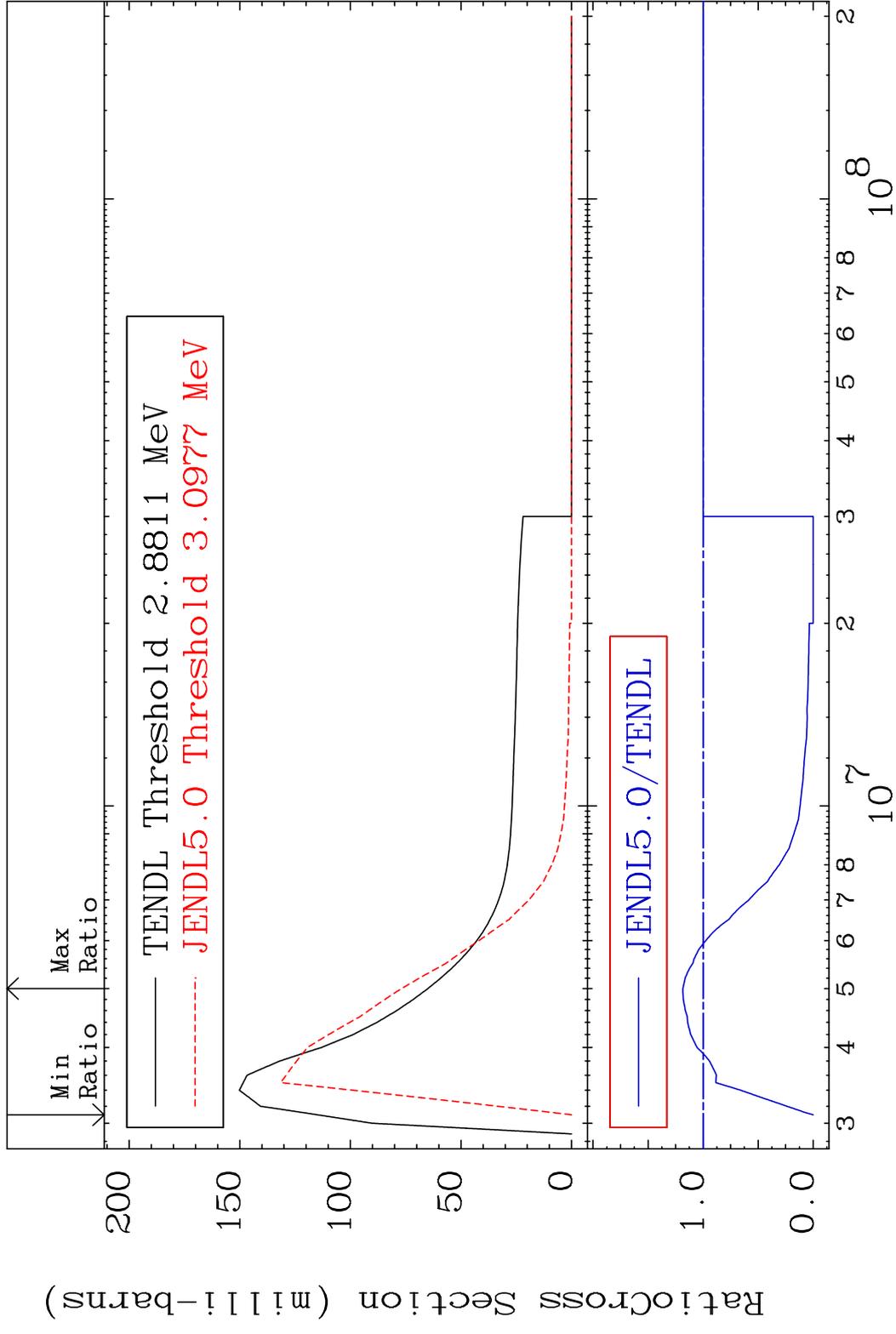


14 Incident Energy (eV) 42-Mo-92

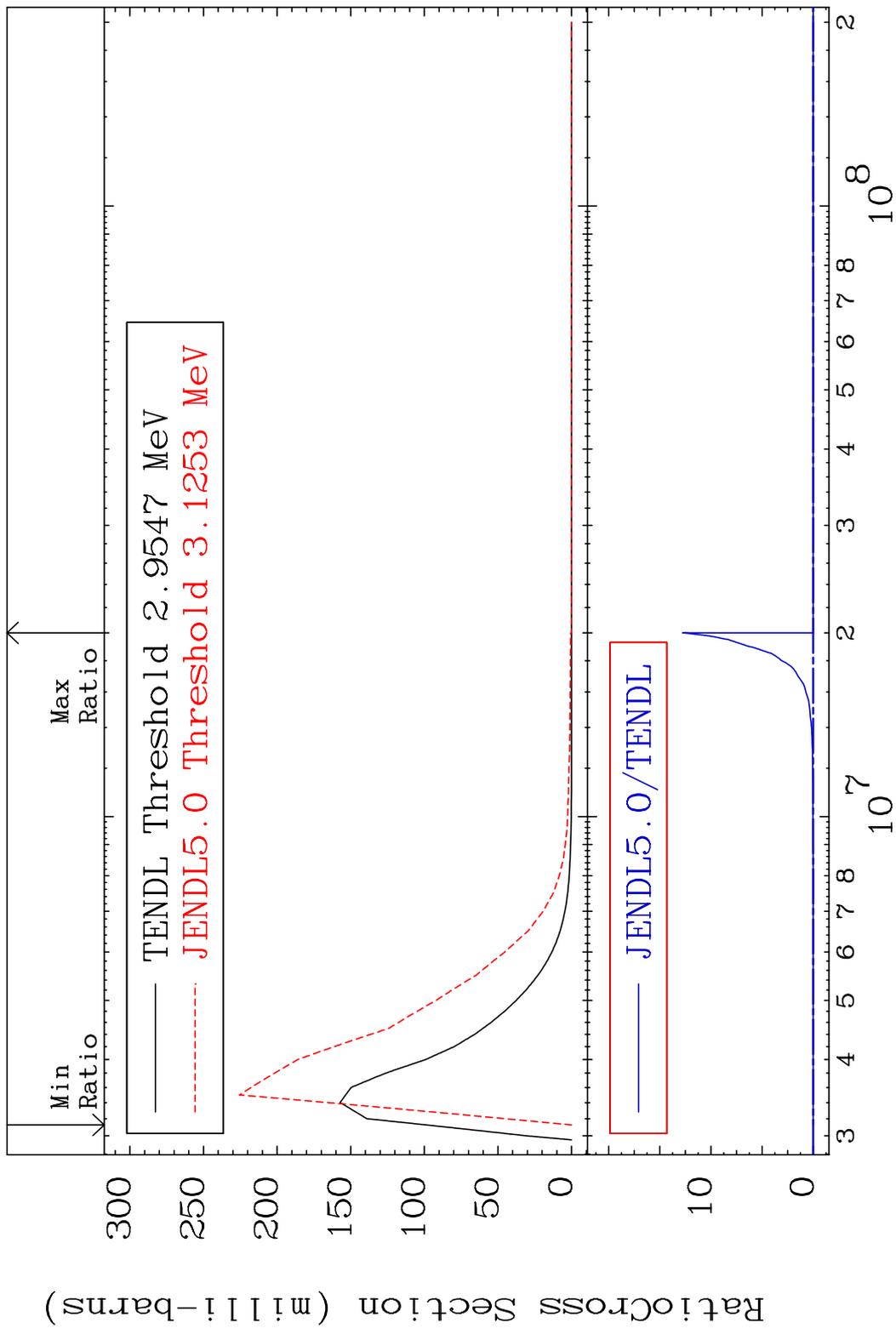
MAT 4225 MT= 58 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 478.6 %



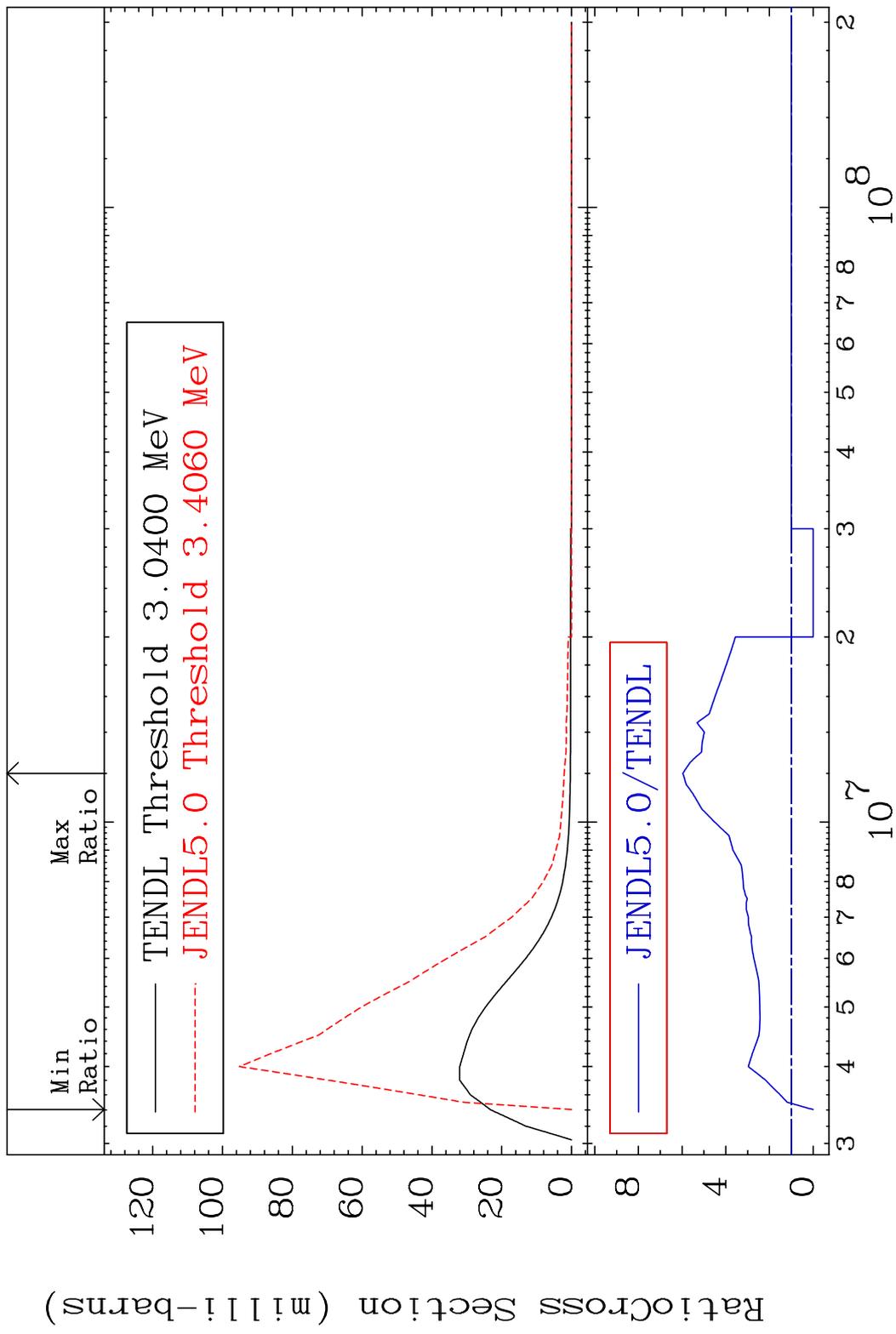
MAT 4225 MT= 59 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 18.41 %



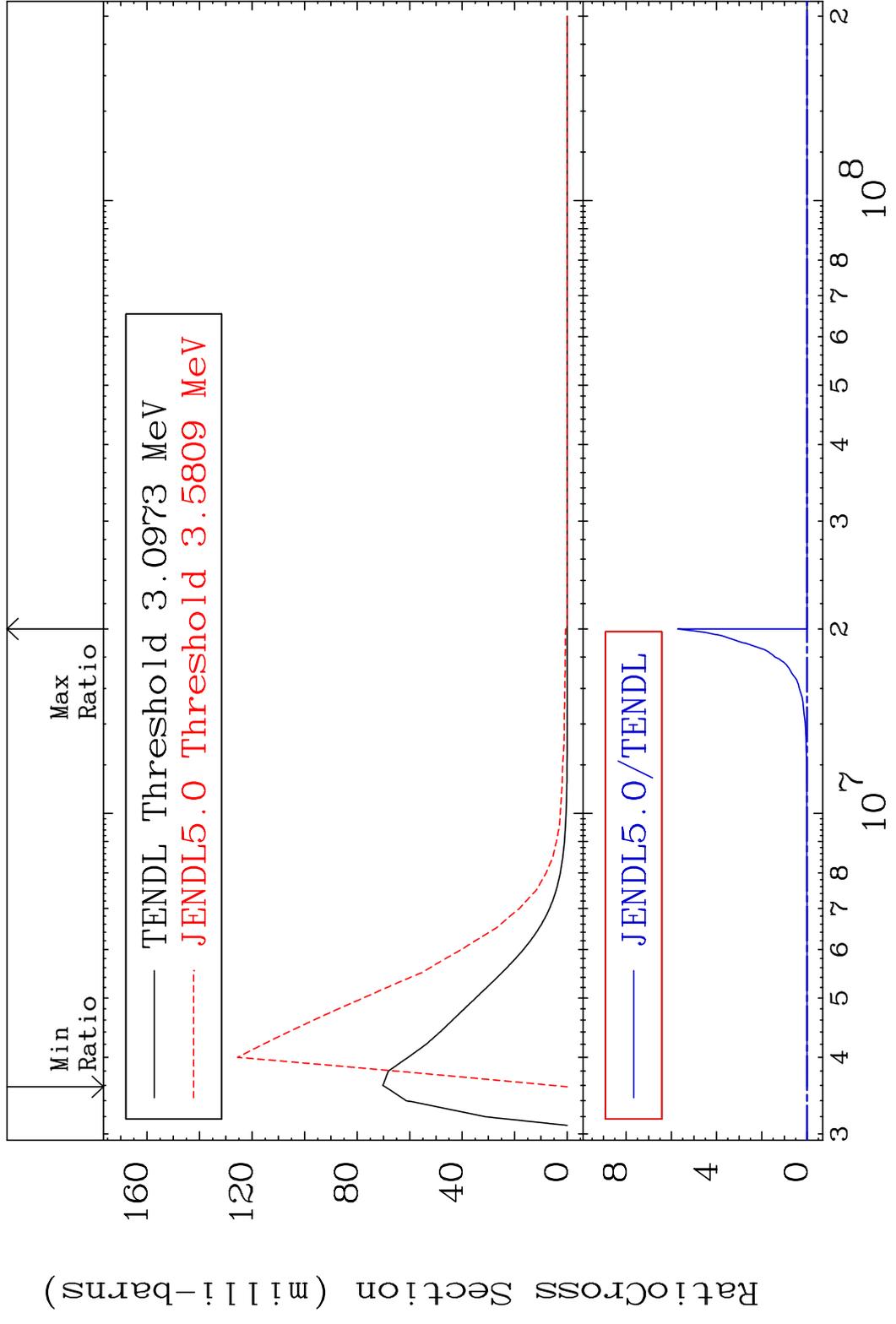
MAT 4225 MT= 60 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



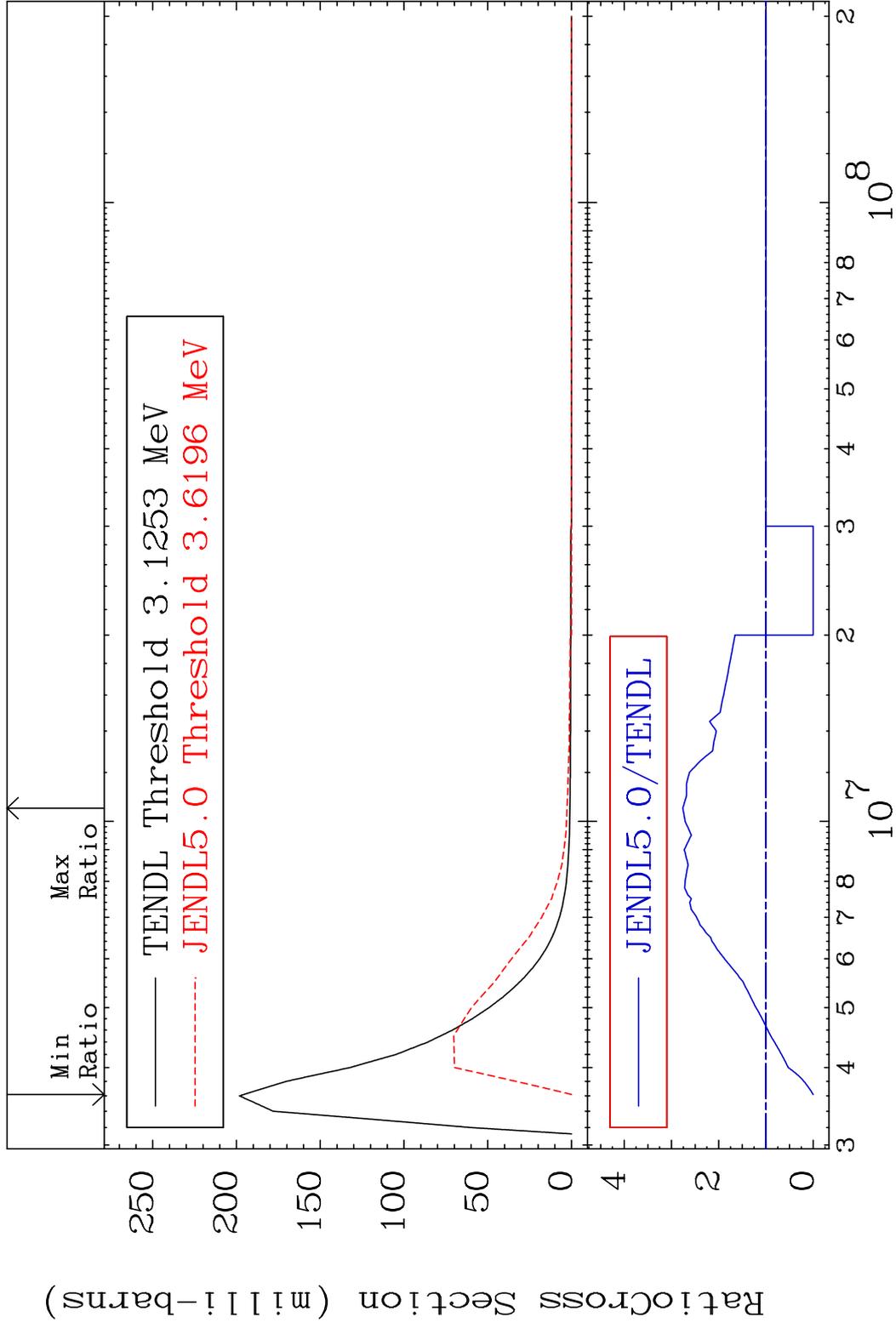
MAT 4225 MT= 61 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 496.7 %



MAT 4225 MT= 62 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %

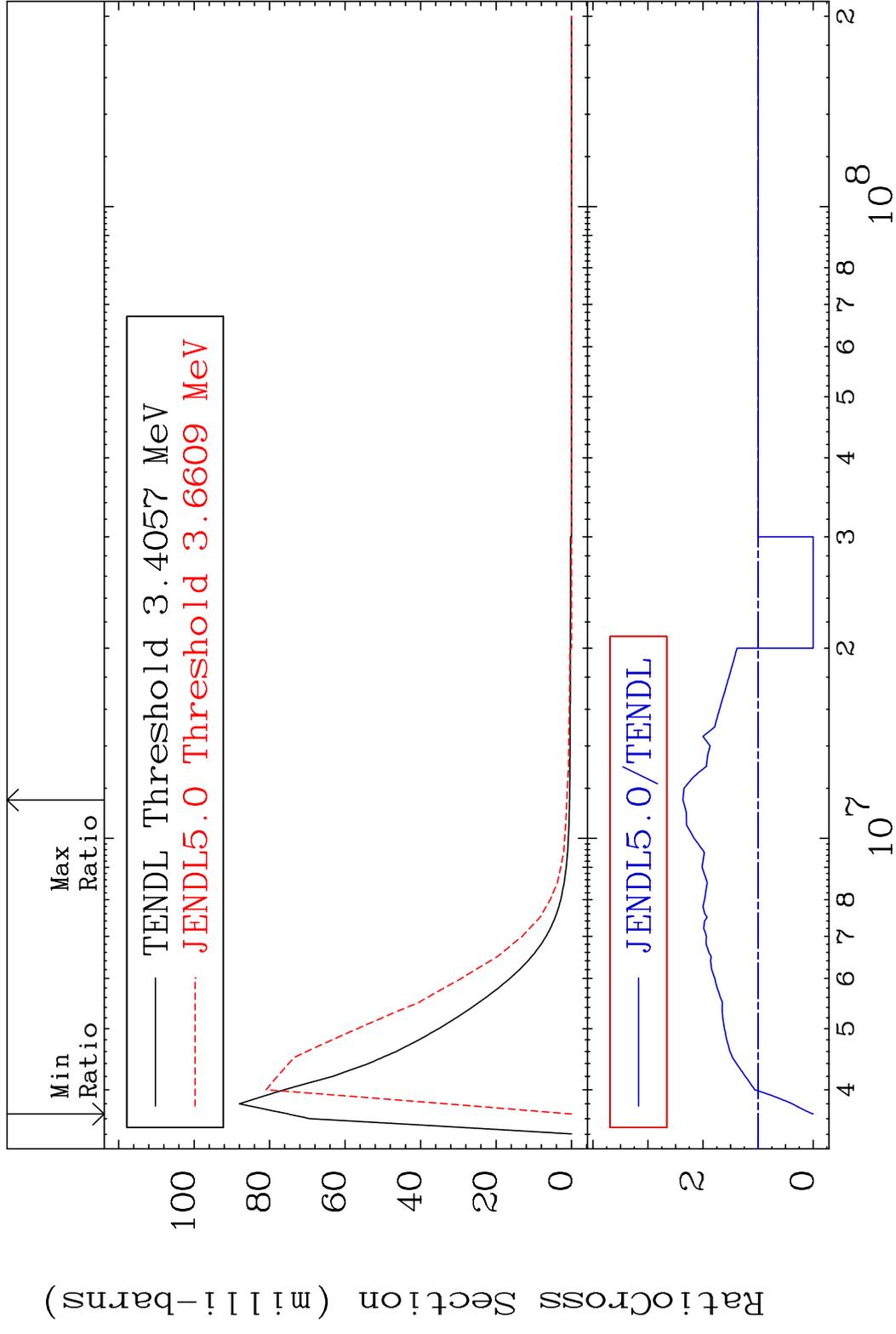


MAT 4225 MT= 63 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 176.0 %

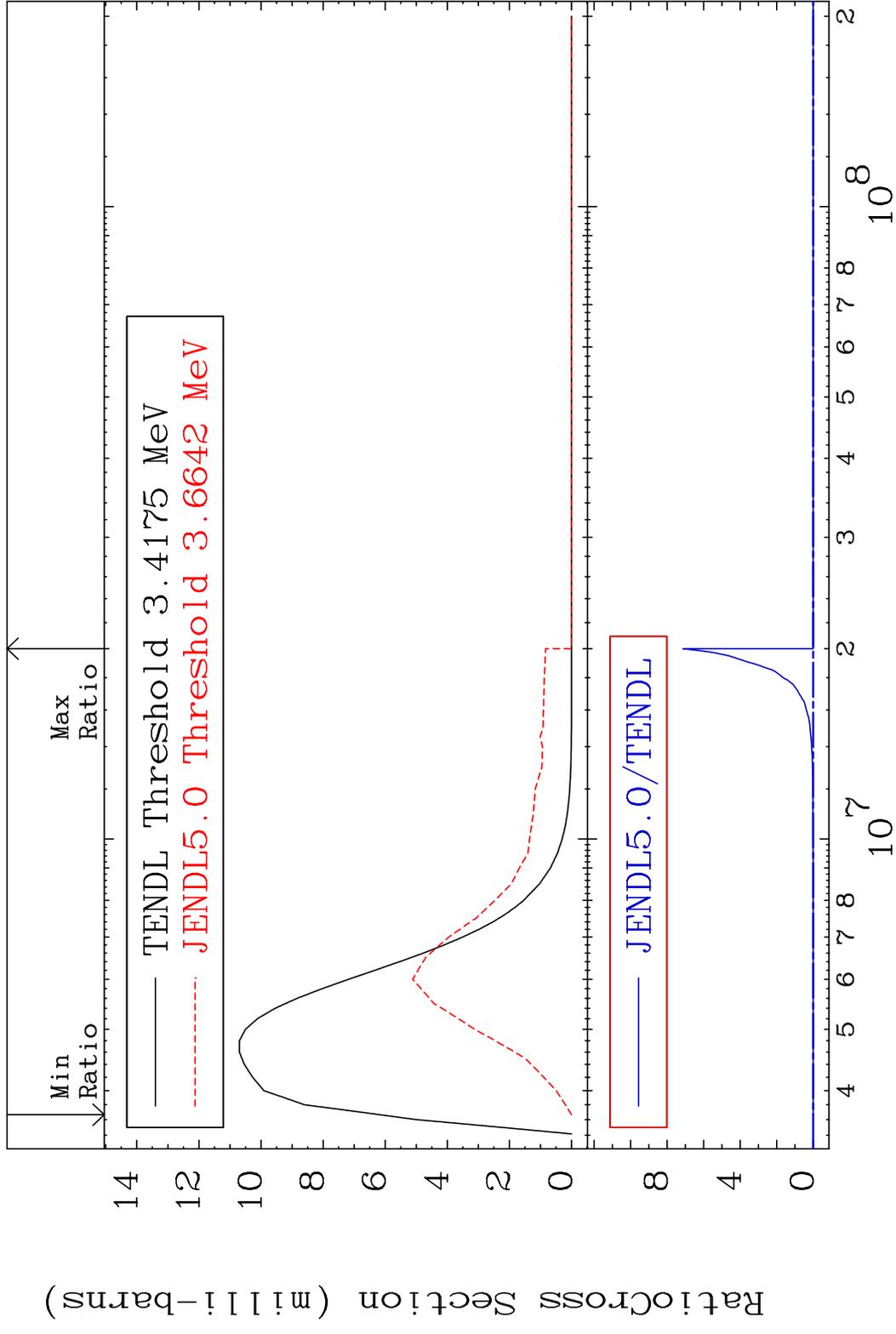


20 Incident Energy (eV) 42-Mo-92

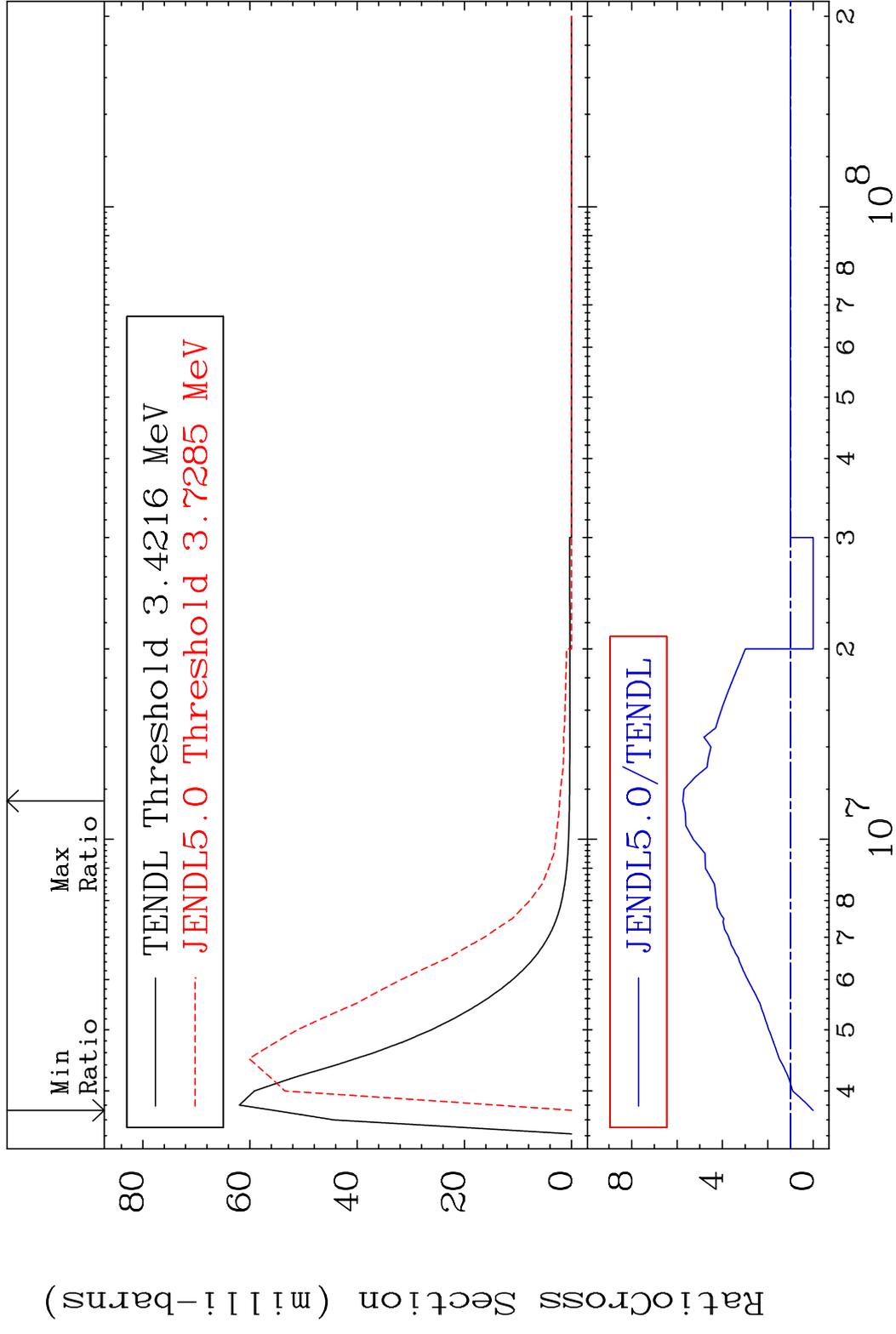
MAT 4225 MT= 64 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 136.7 %



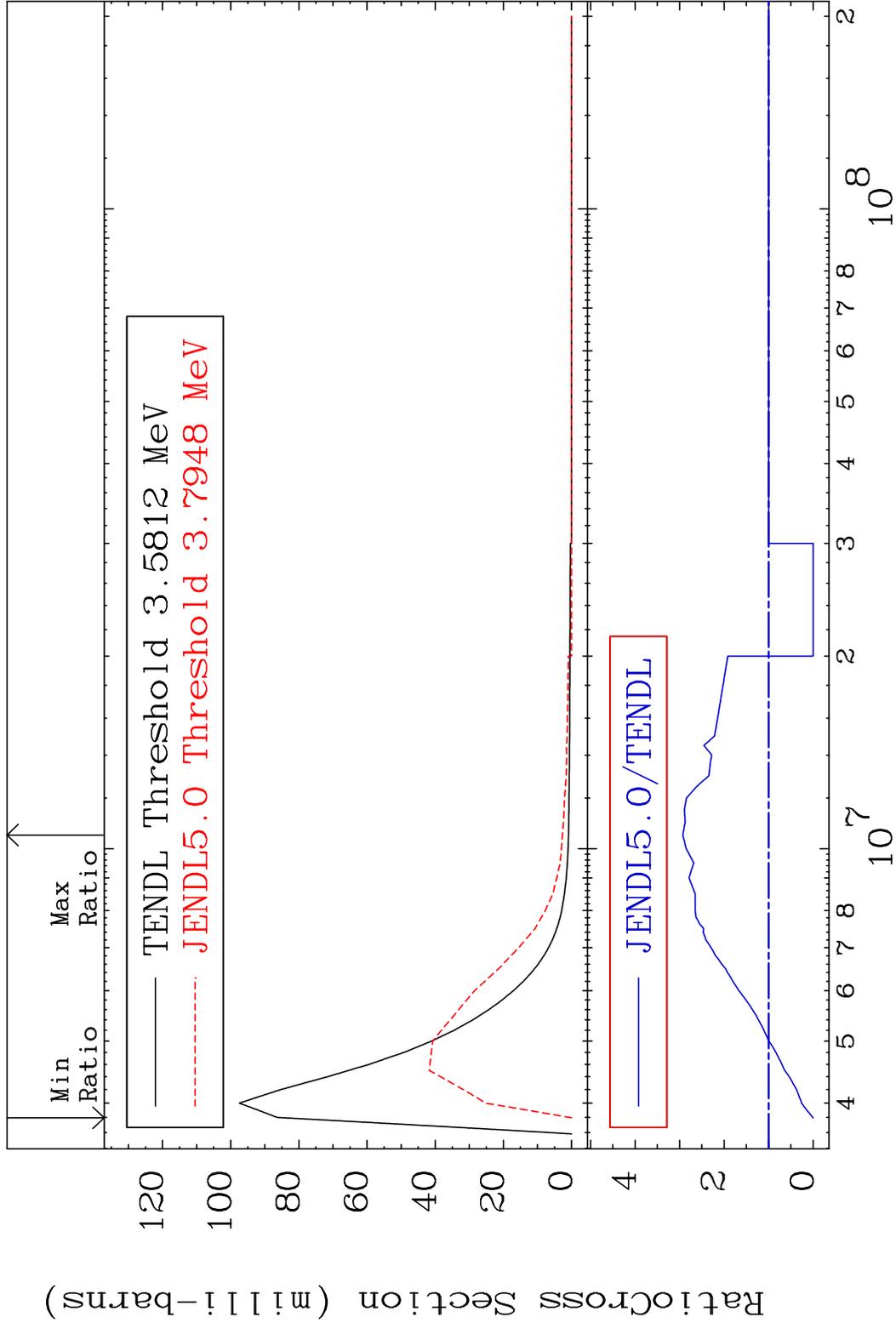
MAT 4225 MT= 65 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



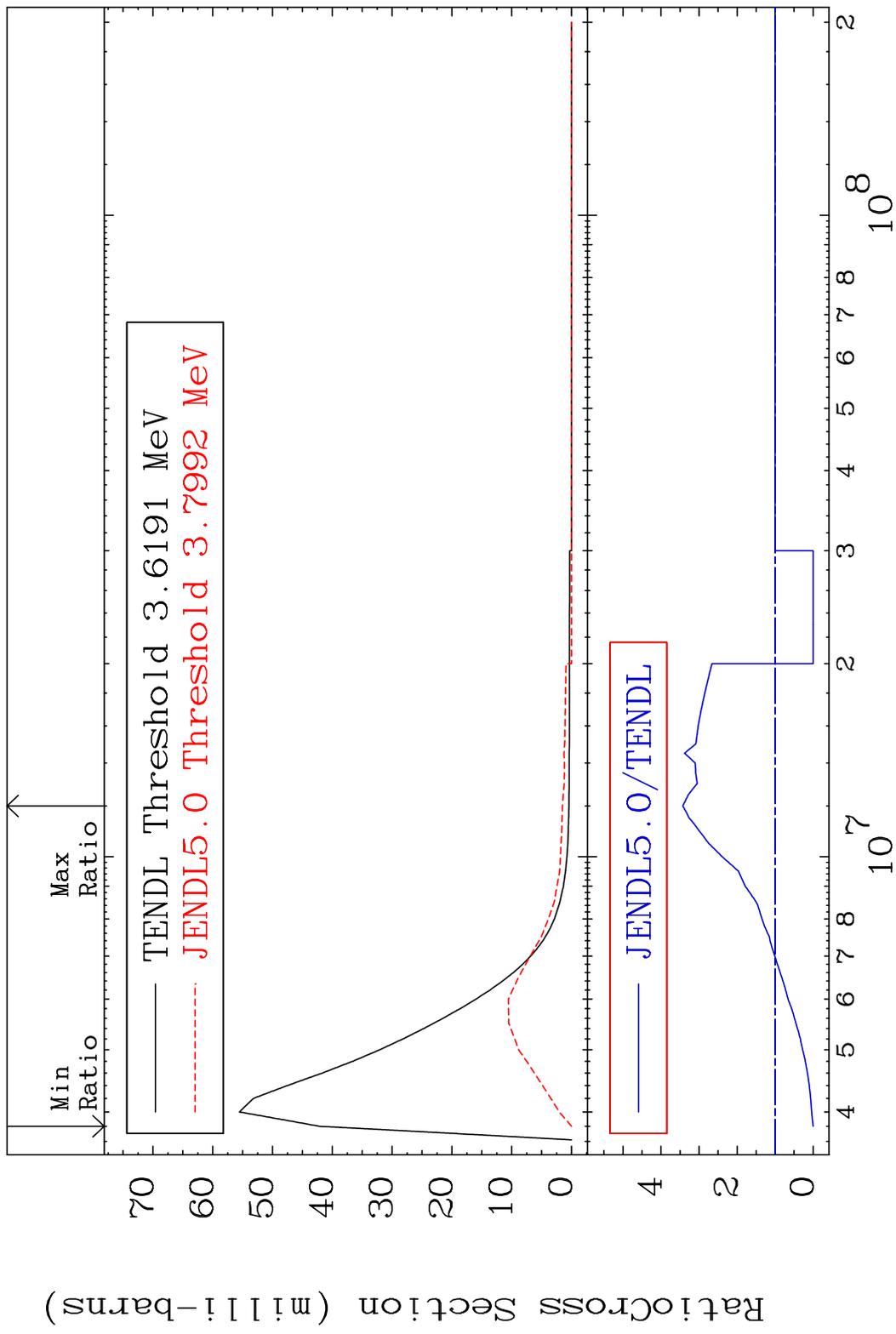
MAT 4225 MT= 66 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 474.5 %



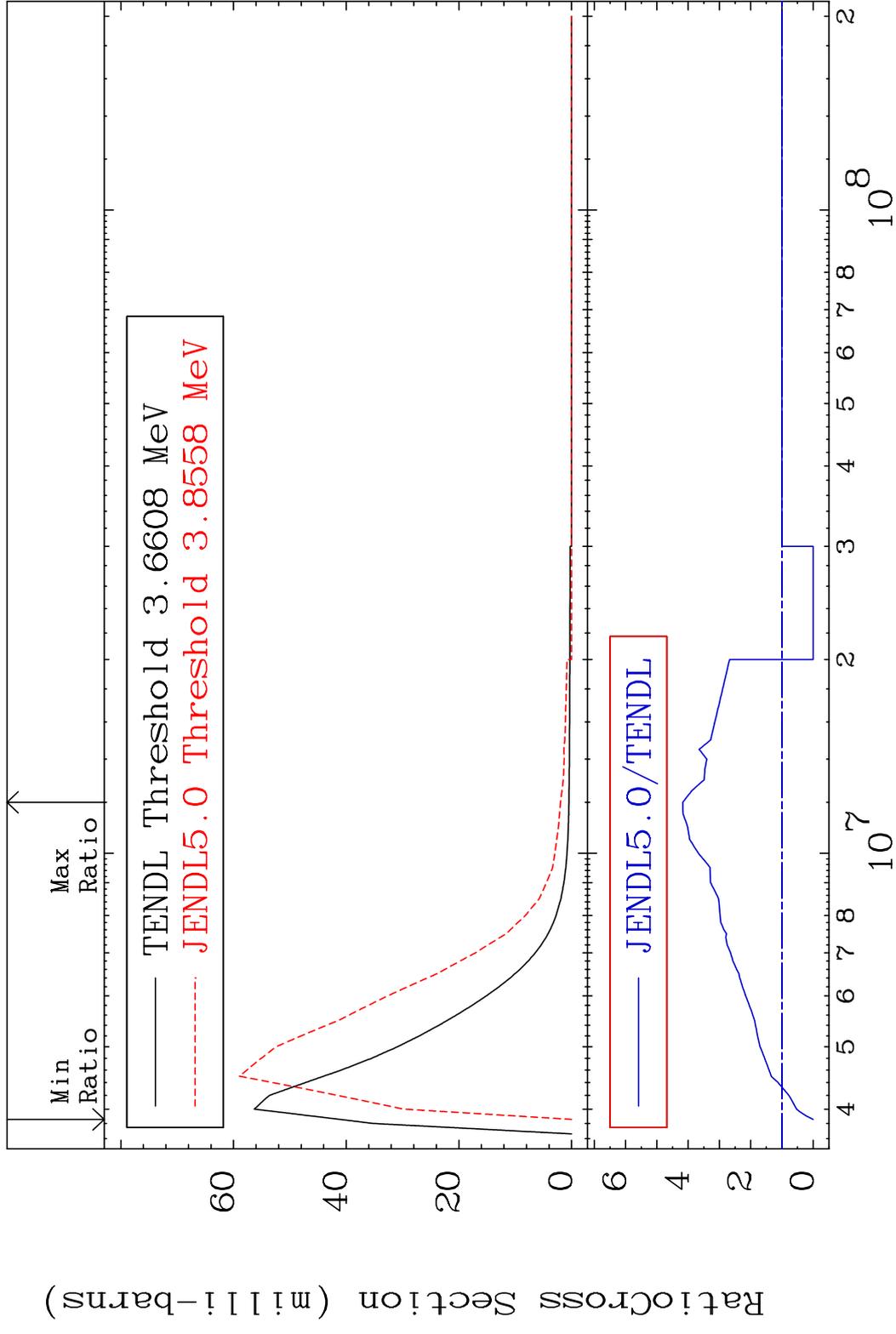
MAT 4225 MT= 67 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 192.8 %



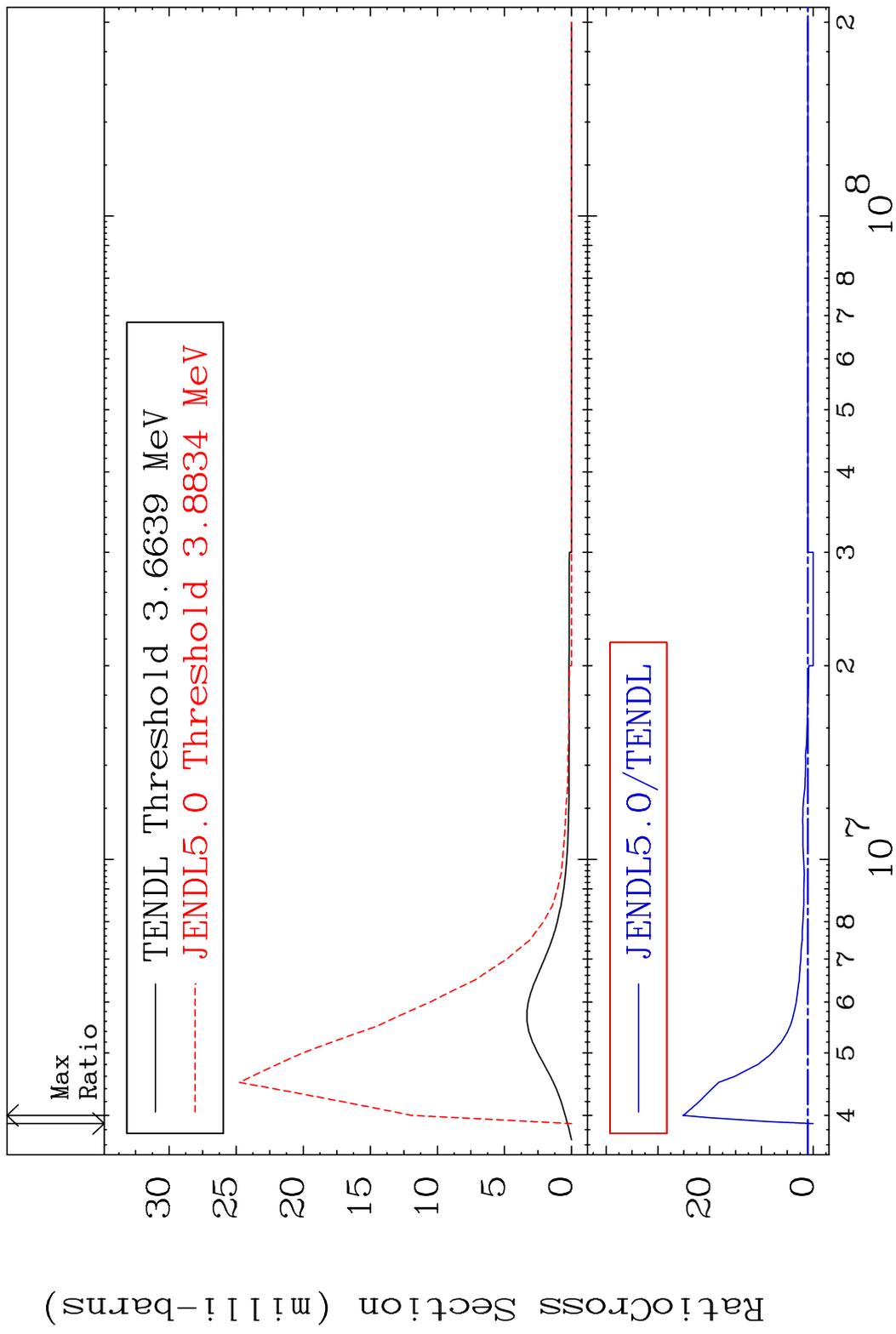
MAT 4225 MT= 68 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 242.7 %



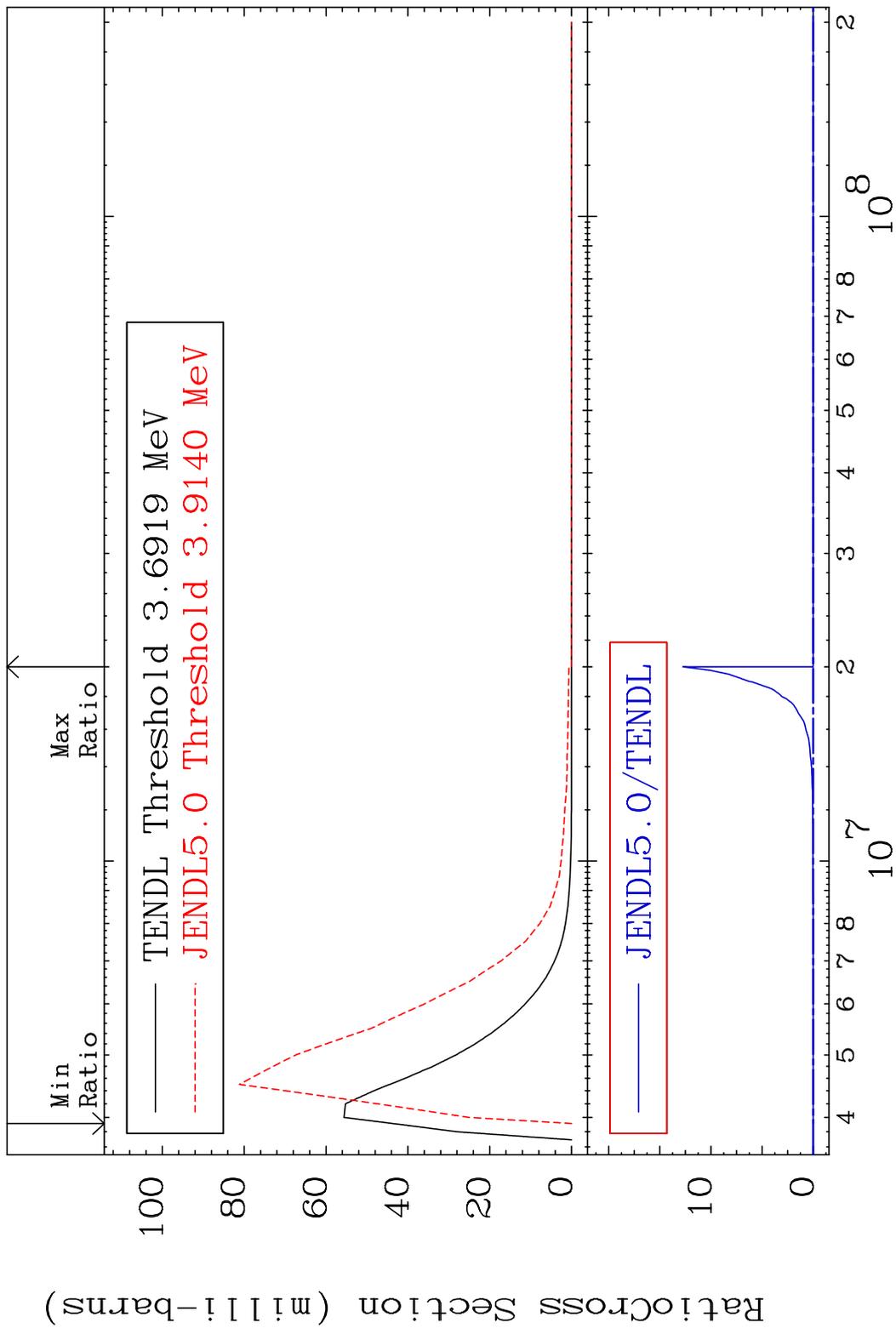
MAT 4225 MT= 69 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 317.0 %



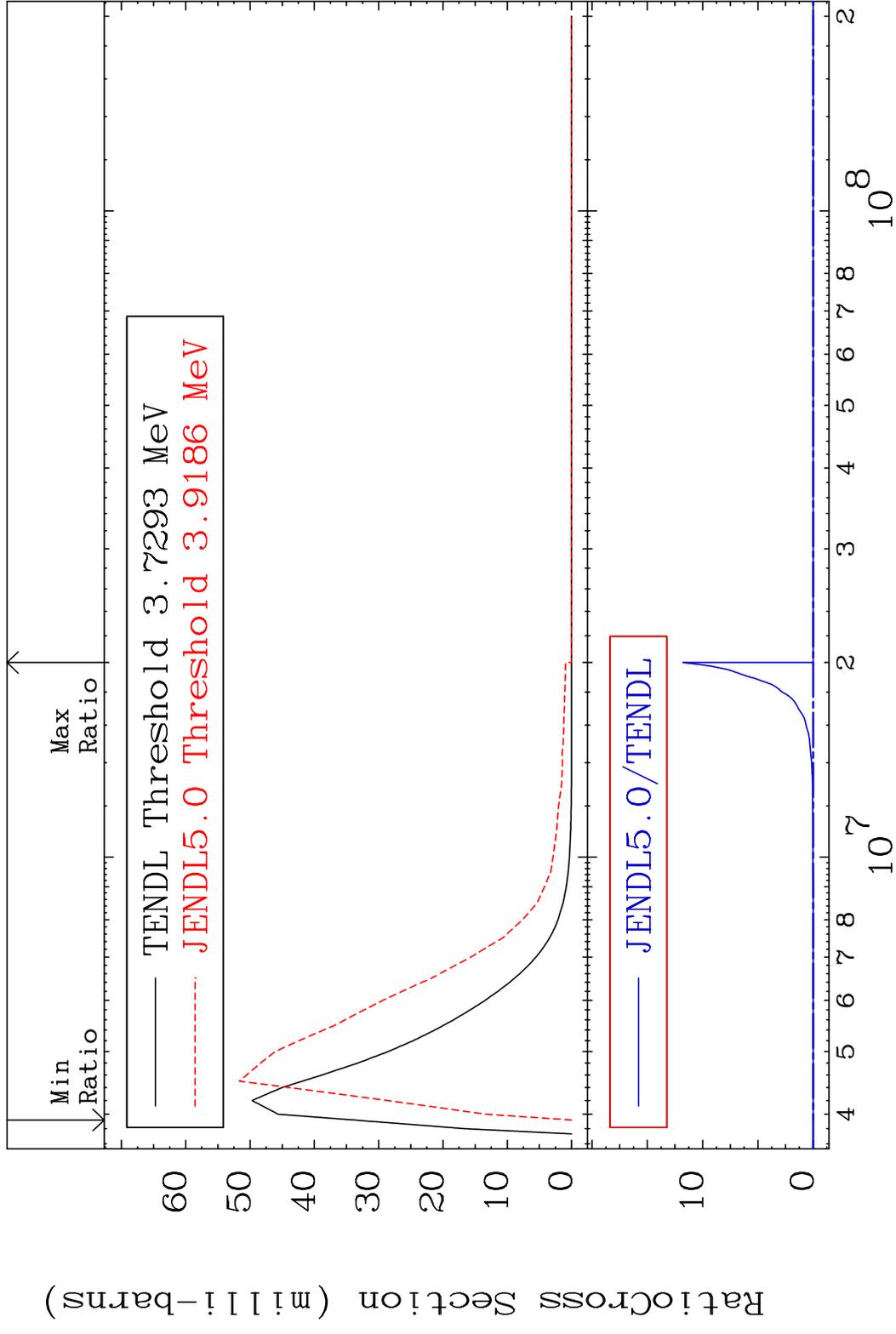
MAT 4225 MT= 70 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 2418. %



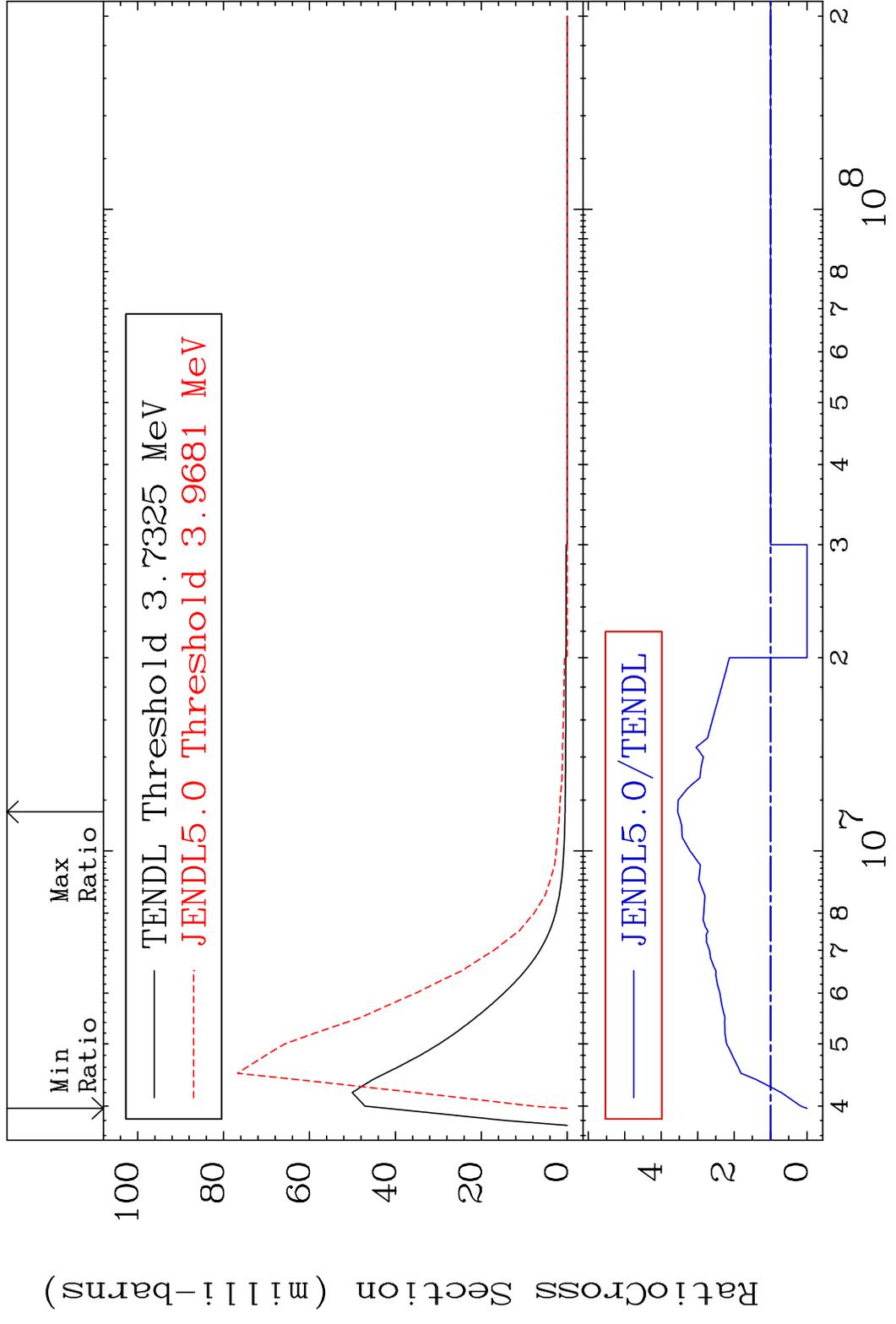
MAT 4225 MT= 71 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



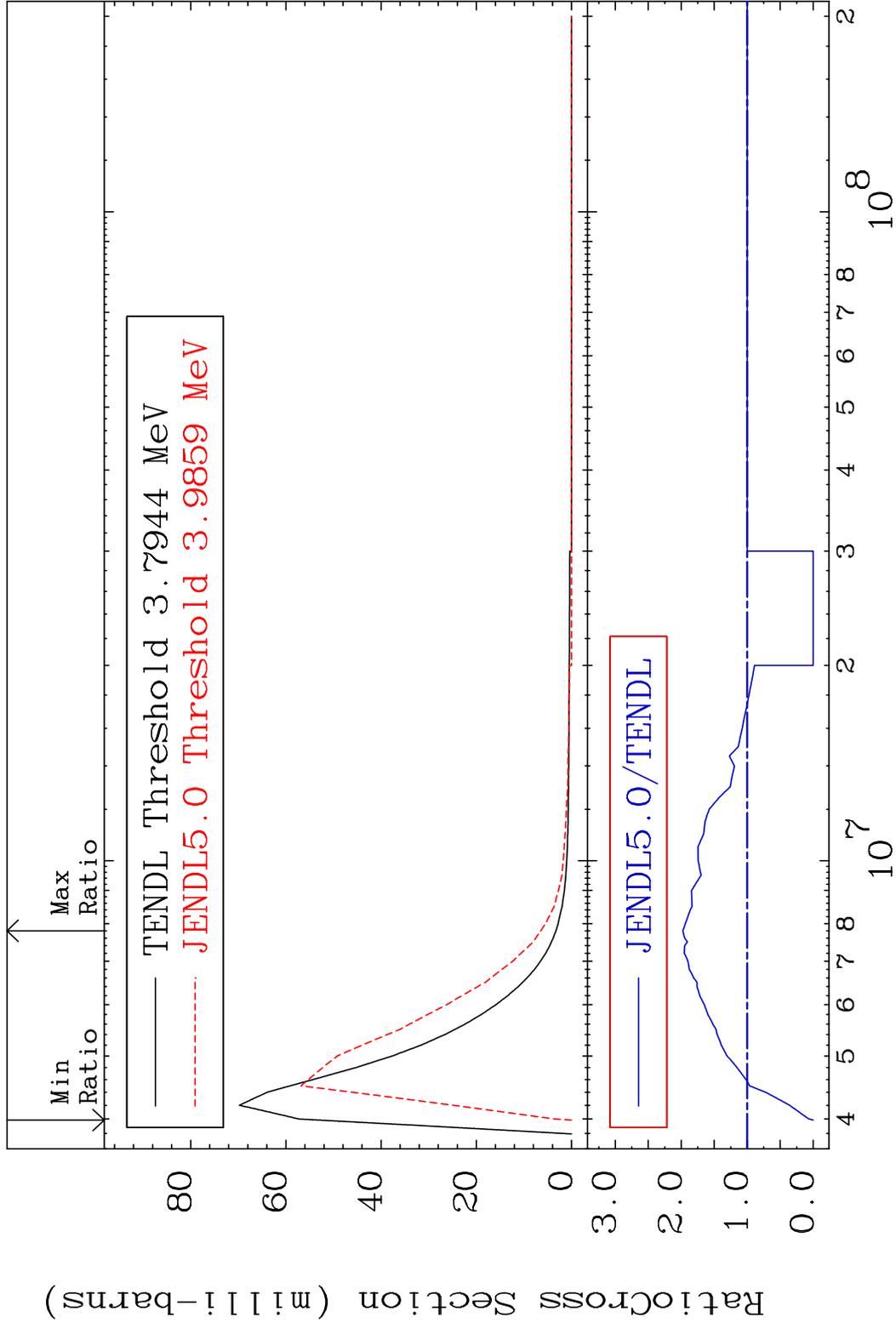
MAT 4225 MT= 72 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



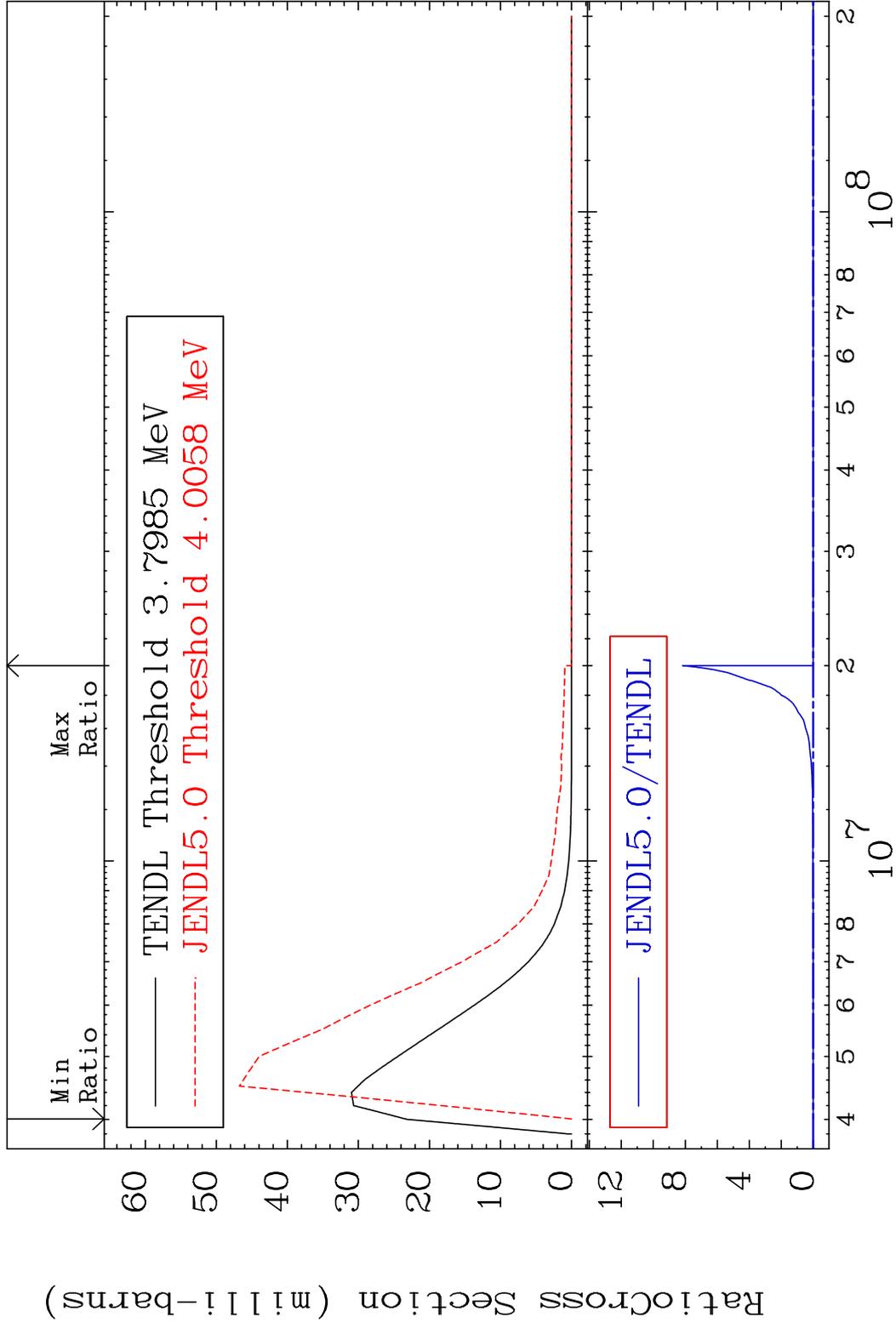
MAT 4225 MT= 73 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 254.7 %



MAT 4225 MT= 74 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 97.57 %



MAT 4225 MT= 75 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %

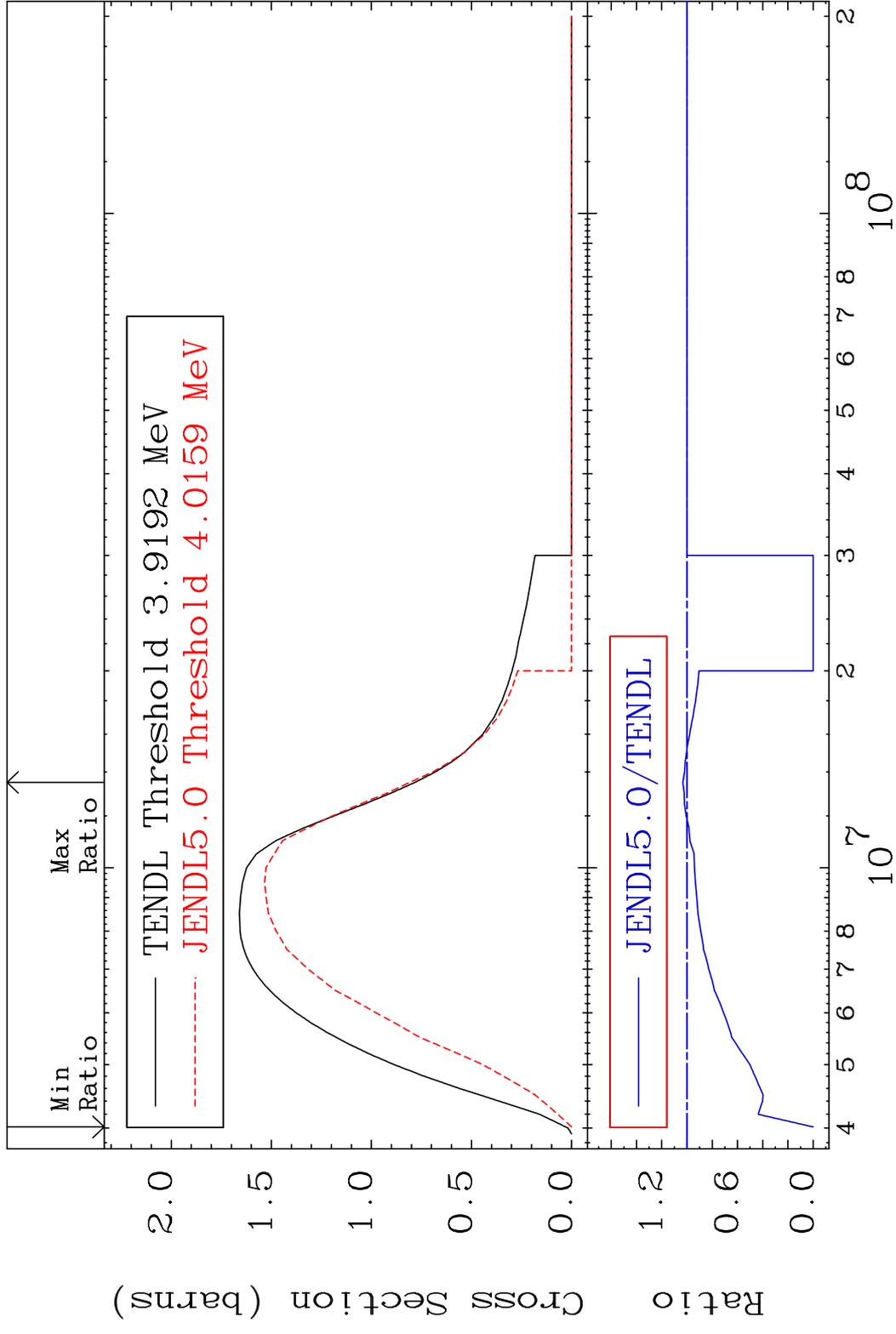


MAT 4225

(n, n') Continuum

42-Mo-92

Cross Section -100.0 To 3.292 %

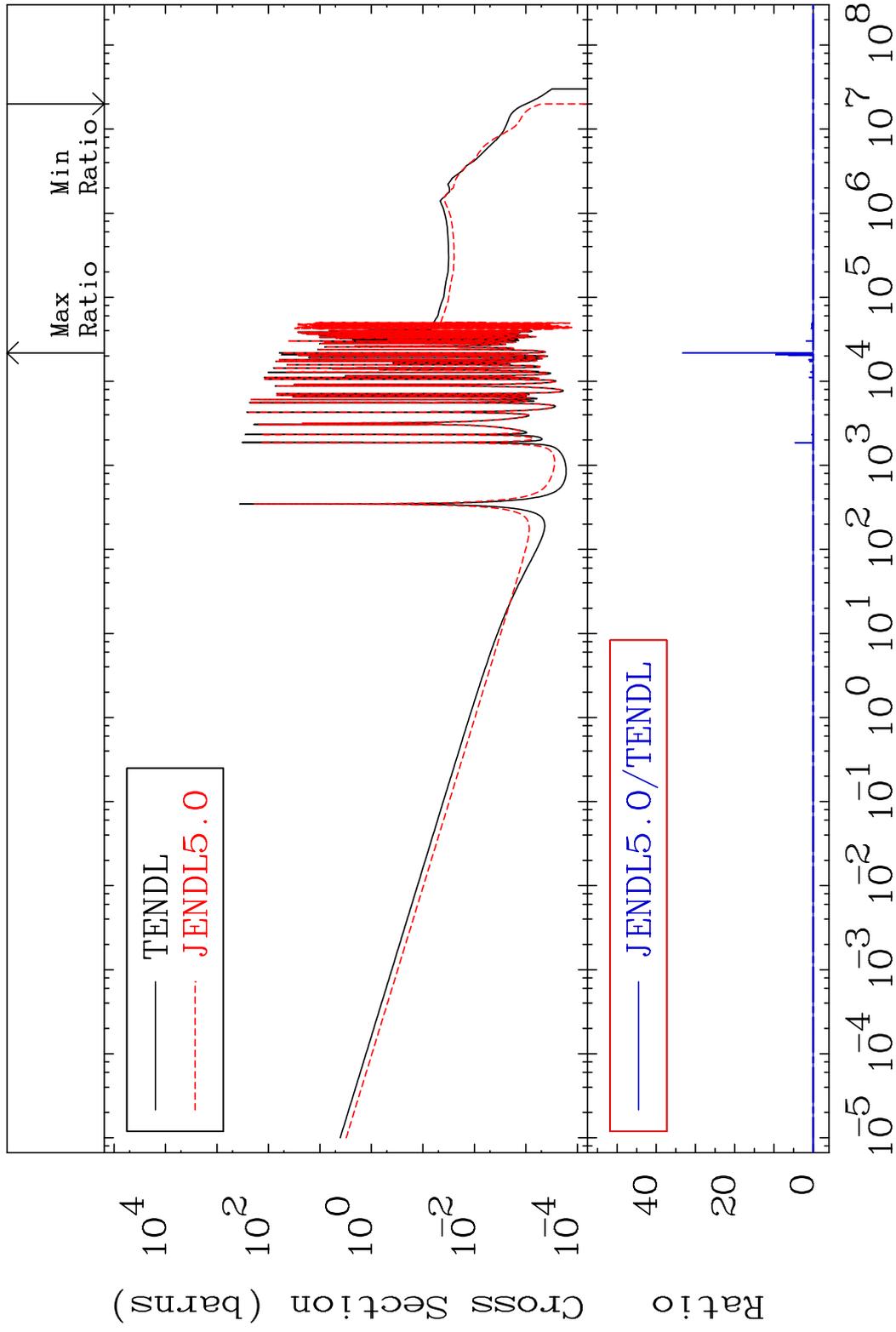


MAT 4225

(n, γ)

42-Mo-92

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

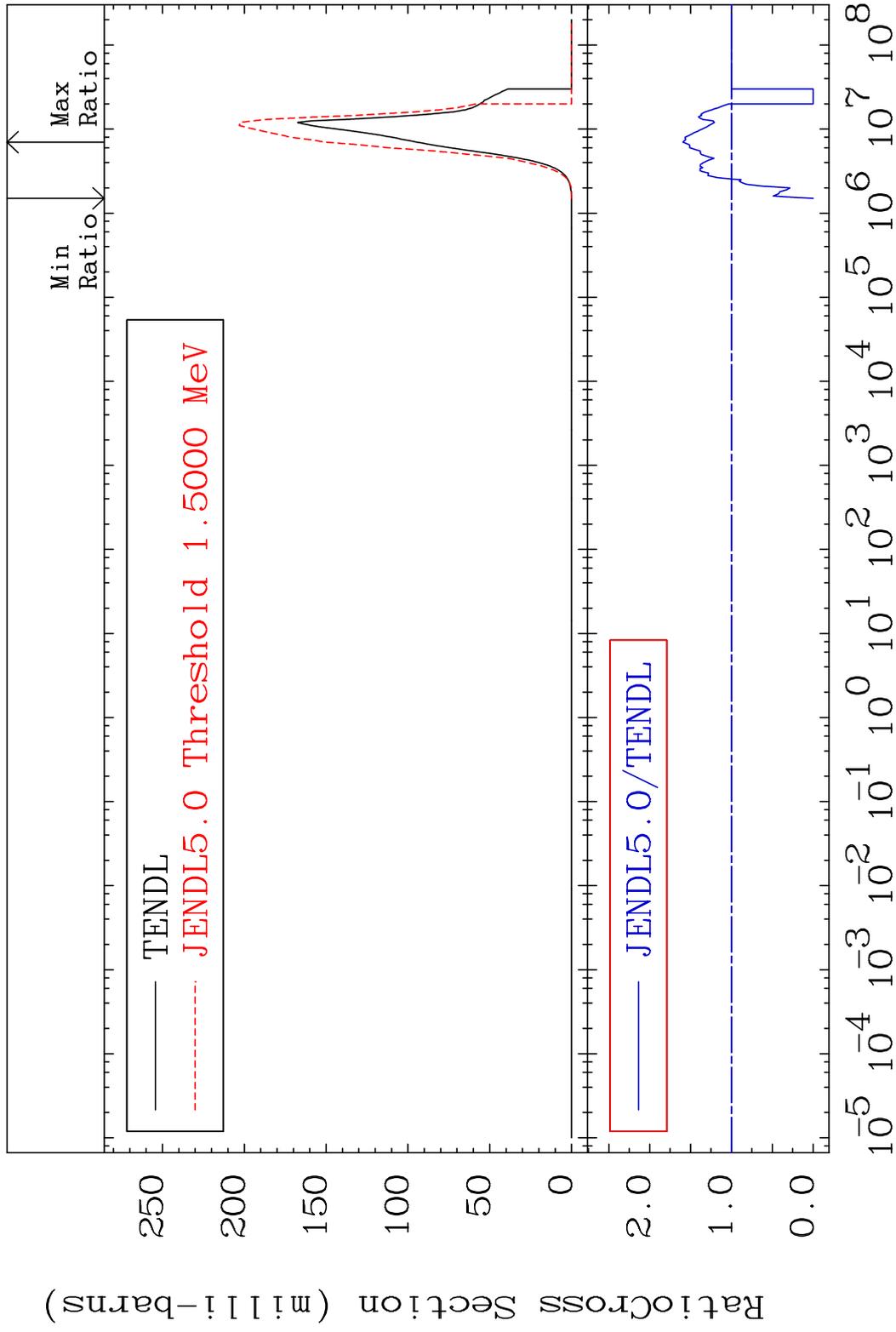
42-Mo-92

MAT 4225

(n, p)

42-Mo-92

Cross Section -100.0 To 59.49 %

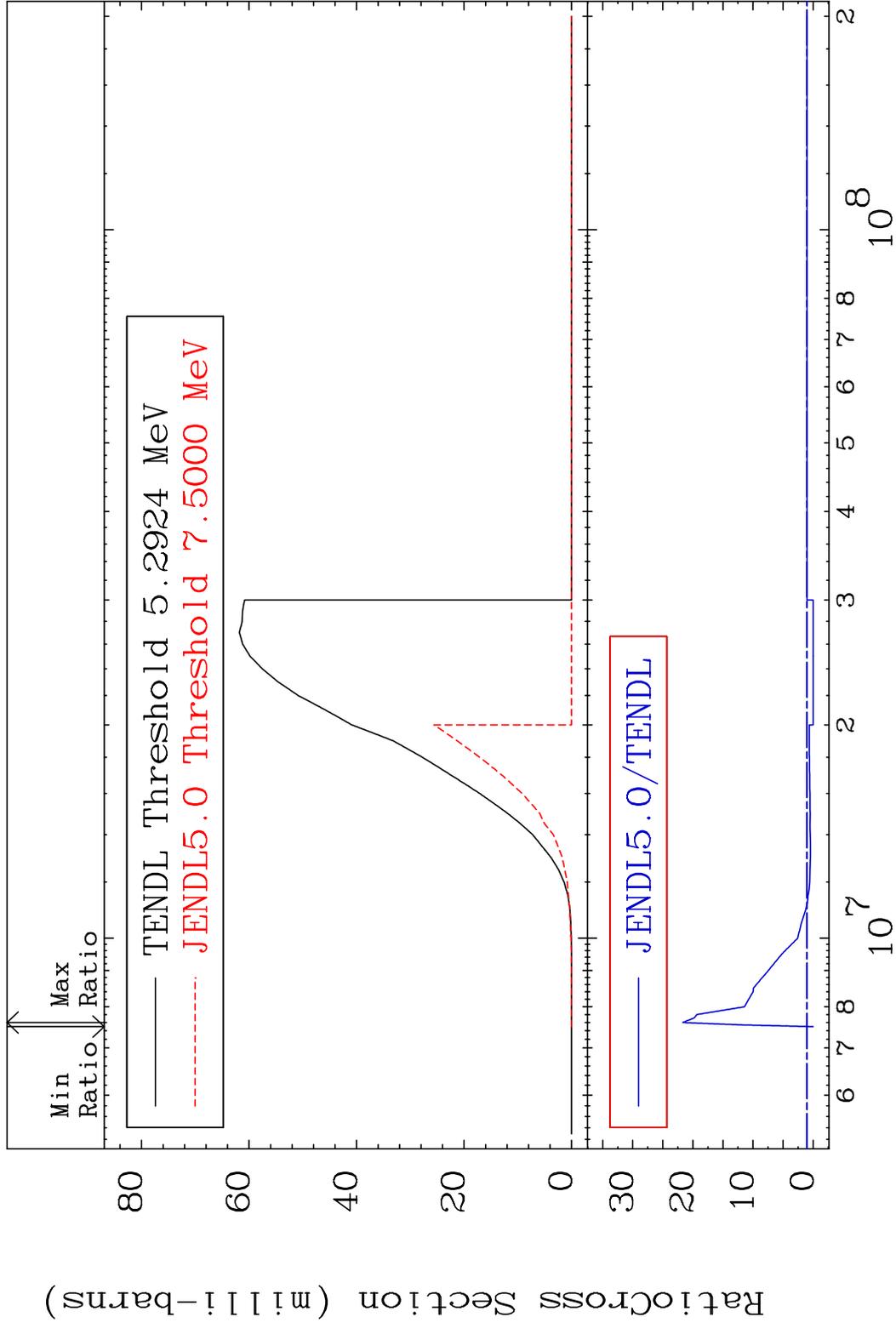


35

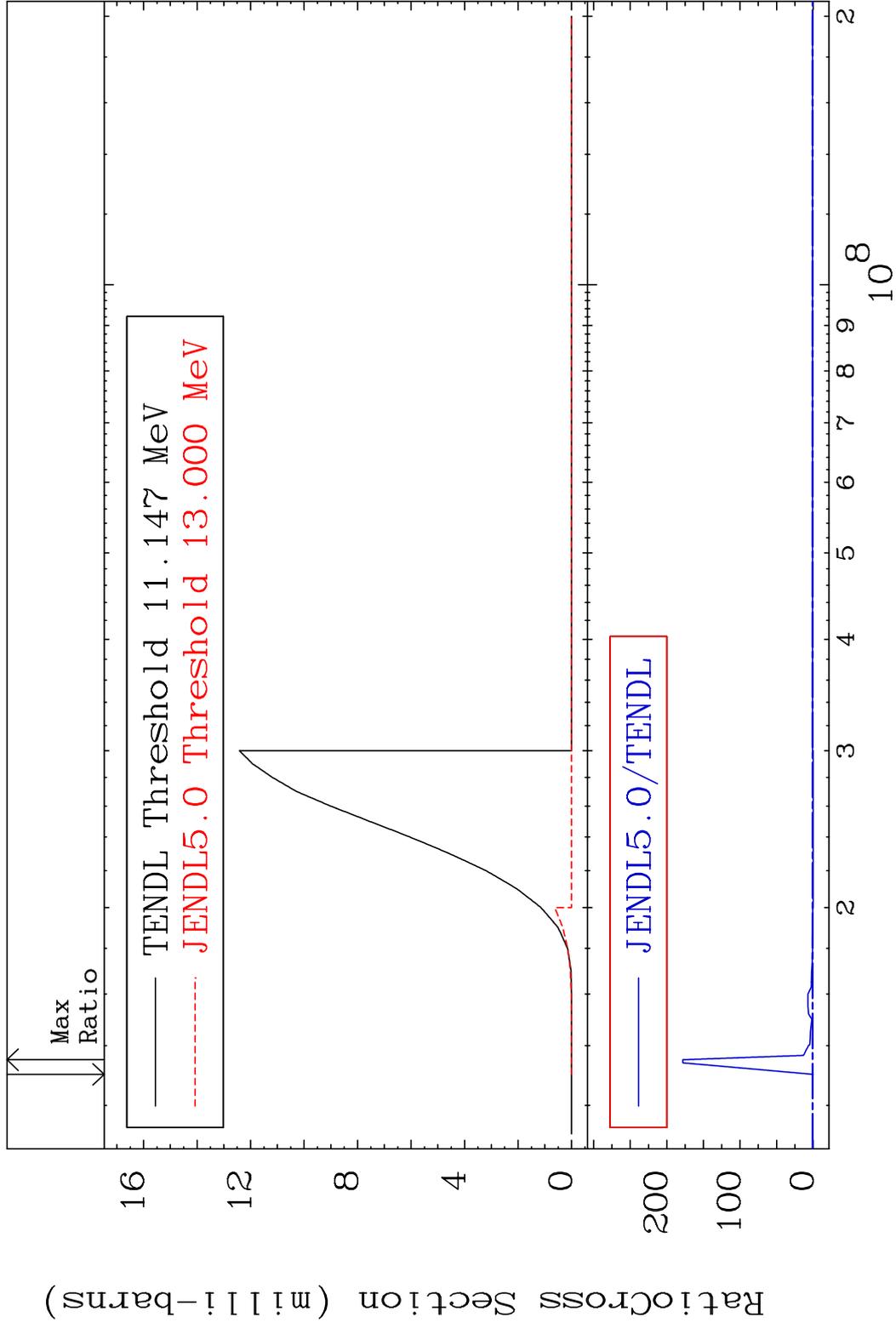
Incident Energy (eV)

42-Mo-92

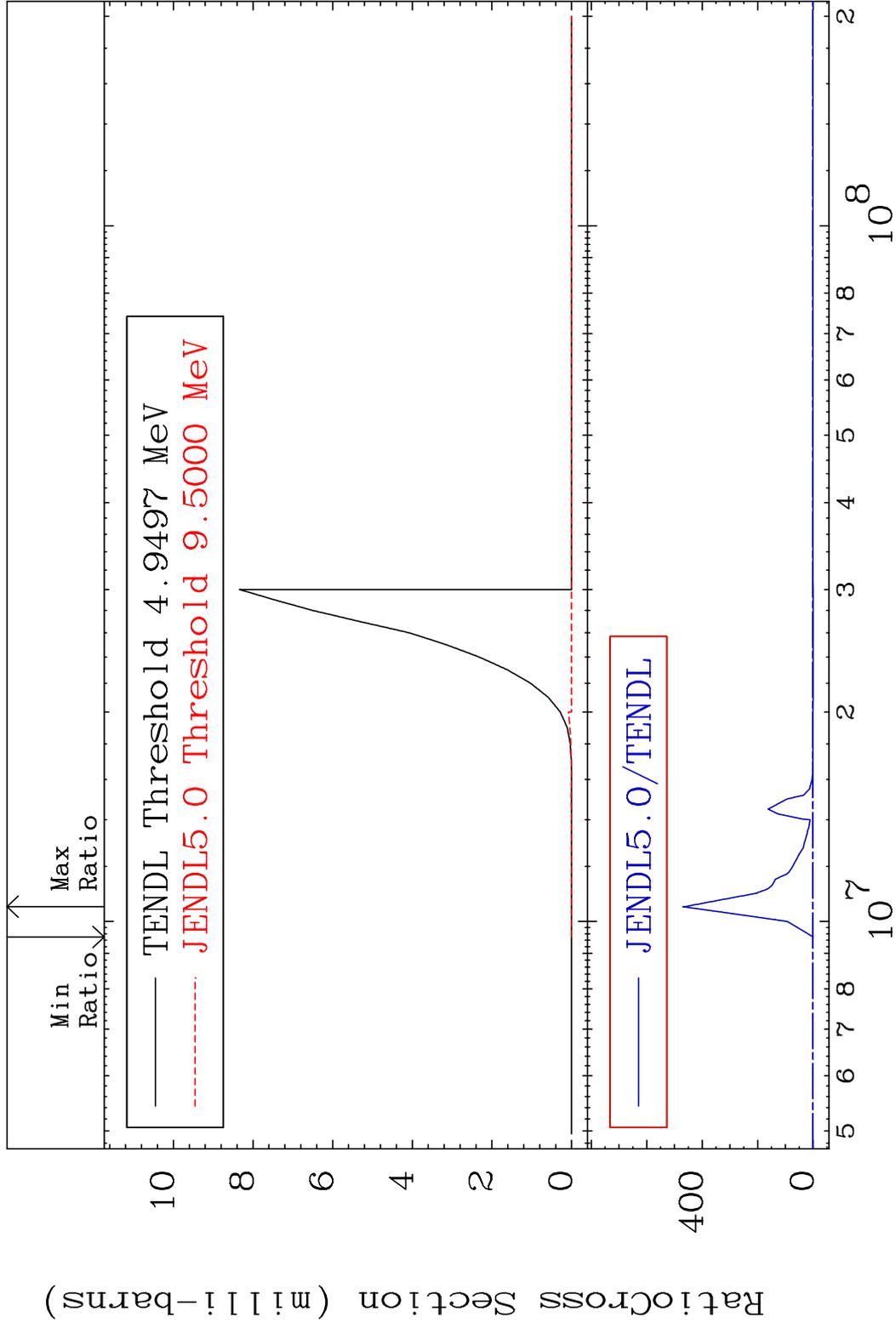
MAT 4225 (n,d) 42-Mo-92
 Cross Section -100.0 To 2067. %



MAT 4225 (n, t) 42-Mo-92
 Cross Section -100.0 To 9999. %



MAT 4225 (n, He-3) 42-Mo-92
 Cross Section -100.0 To 9999. %

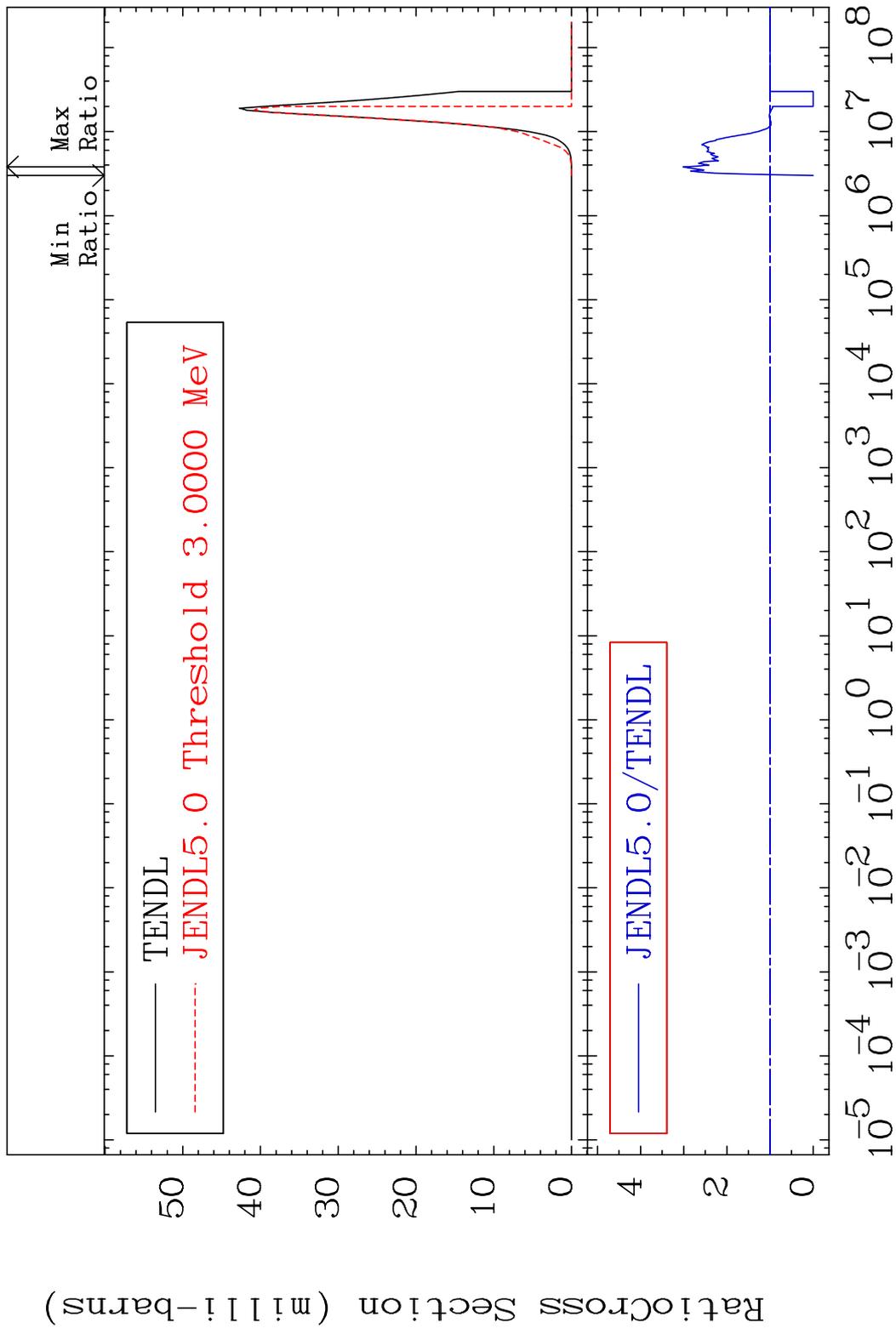


MAT 4225

(n, α)

42-Mo-92

Cross Section -100.0 To 202.0 %

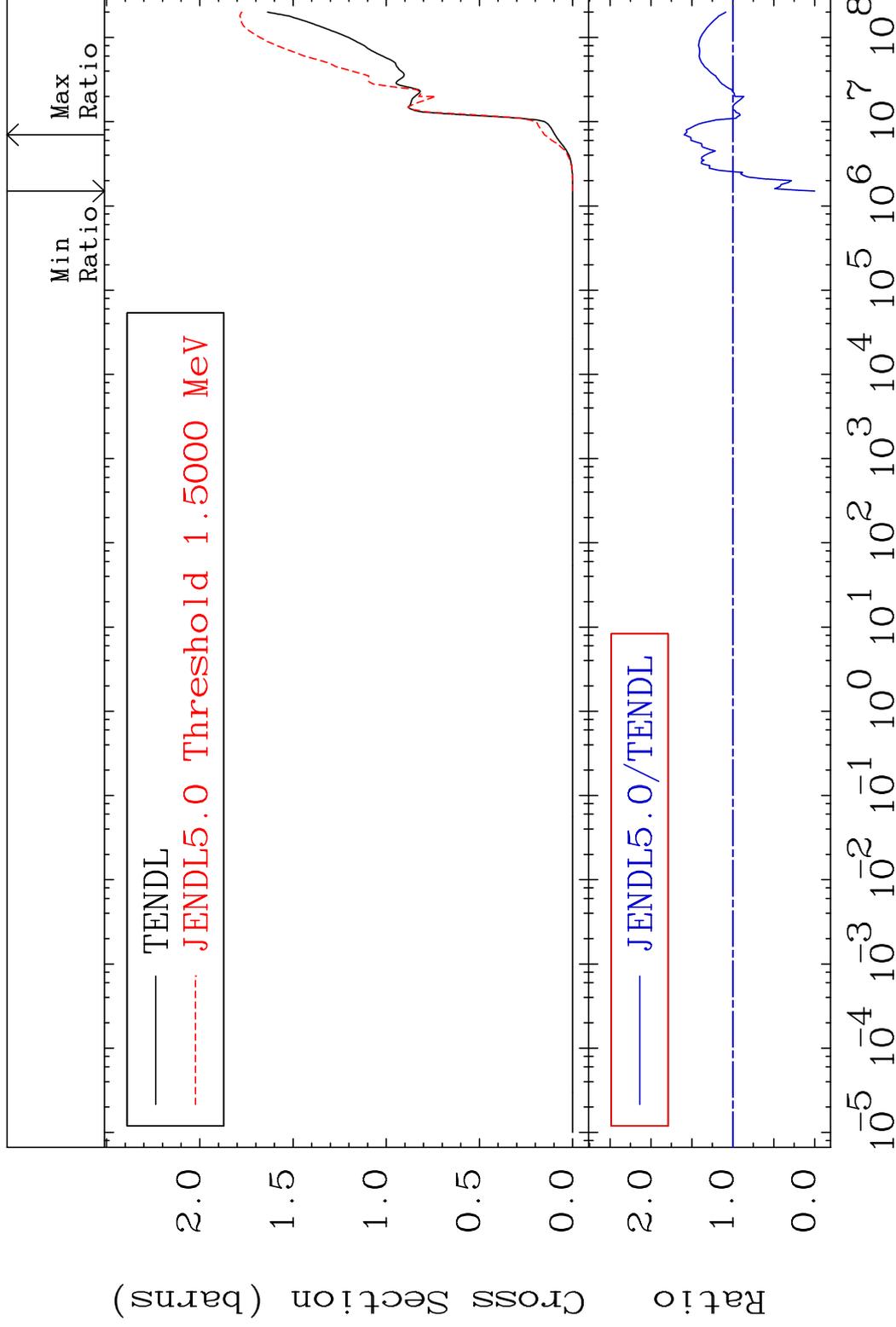


MAT 4225

Hydrogen Production

42-Mo-92

Cross Section -100.0 To 59.49 %

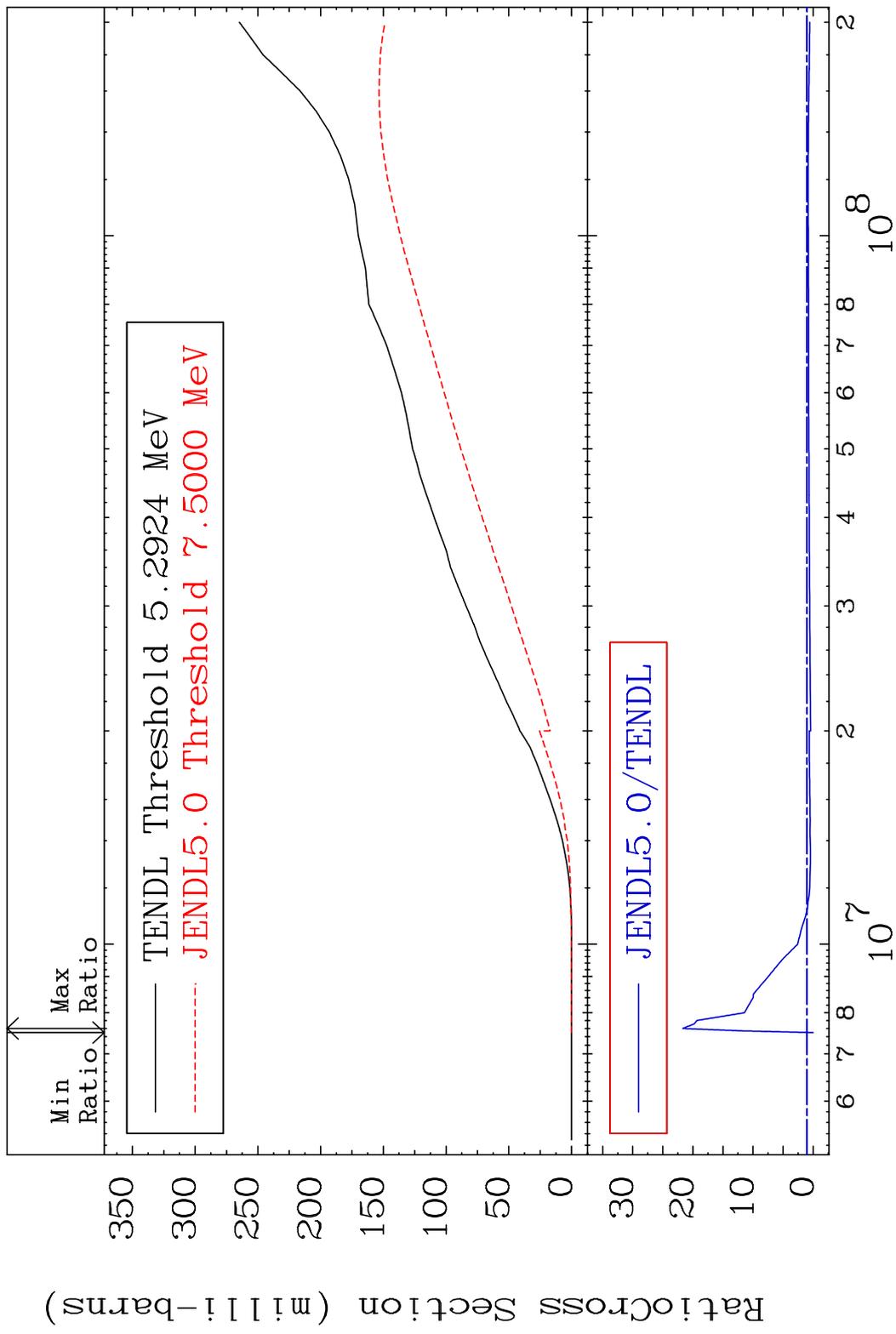


40

Incident Energy (eV)

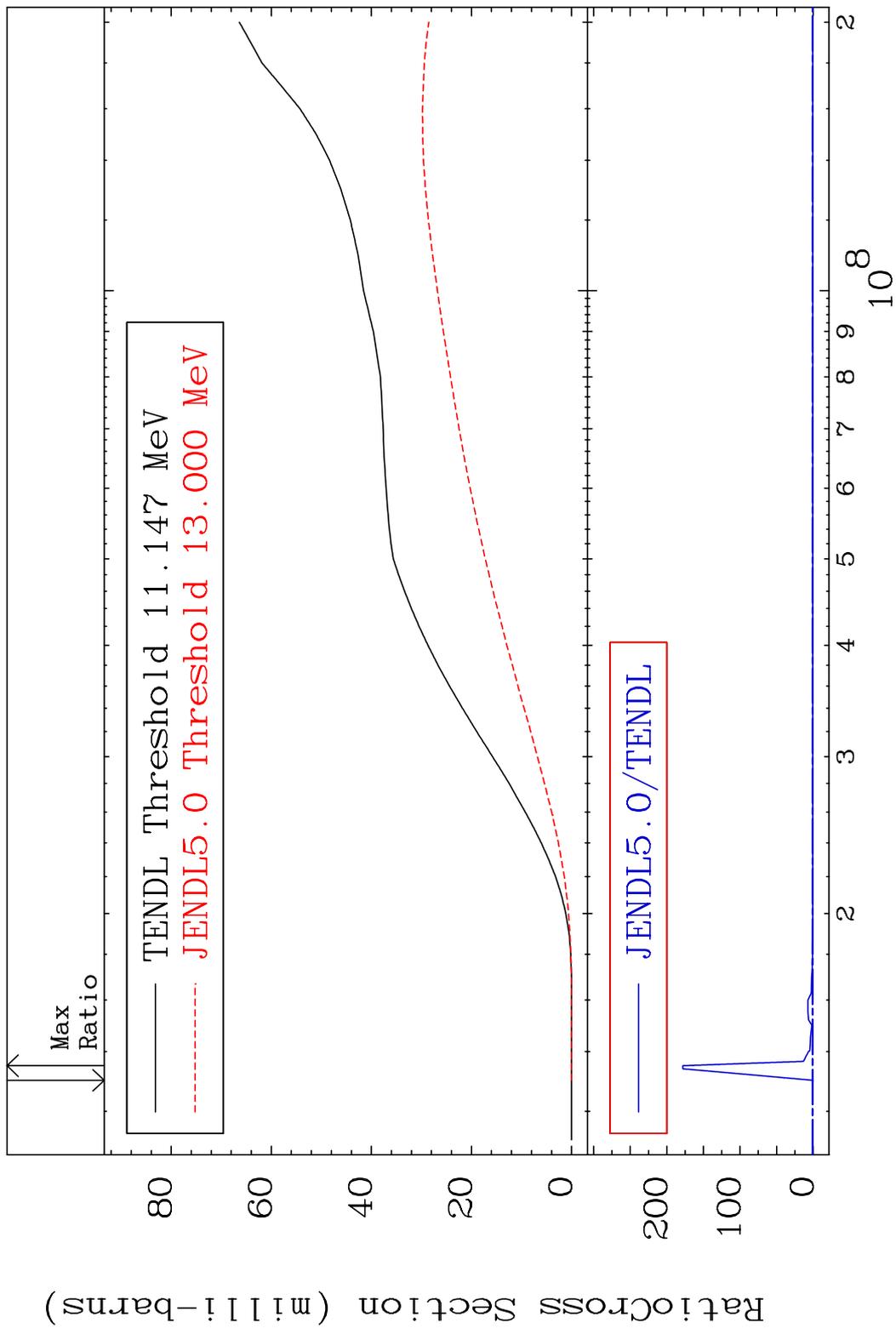
42-Mo-92

MAT 4225 Deuterium Production 42-Mo-92
 Cross Section -100.0 To 2067. %



41 Incident Energy (eV) 42-Mo-92

MAT 4225 Tritium Production 42-Mo-92
 Cross Section -100.0 To 9999. %



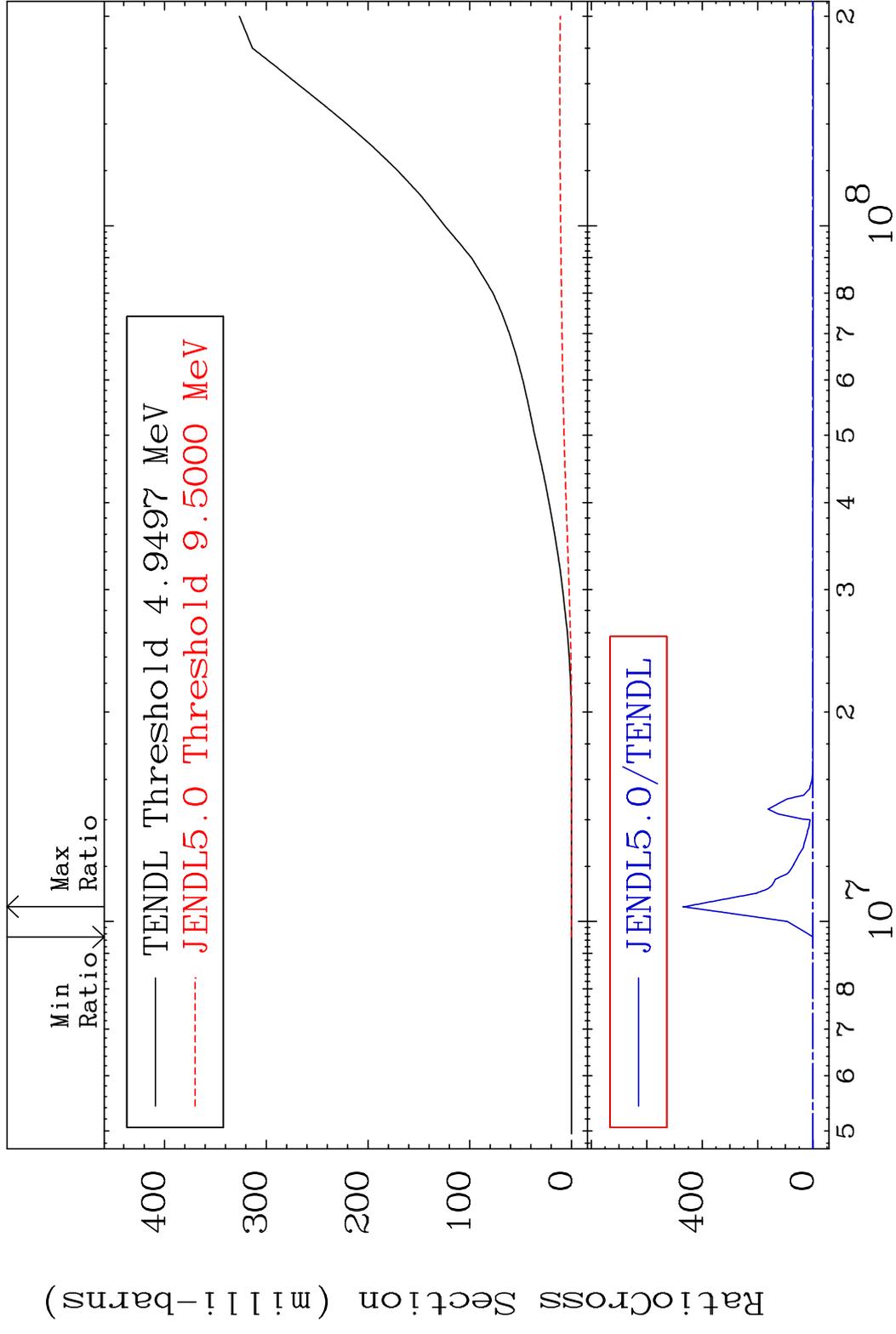
42 42-Mo-92

MAT 4225

He-3 Production

42-Mo-92

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

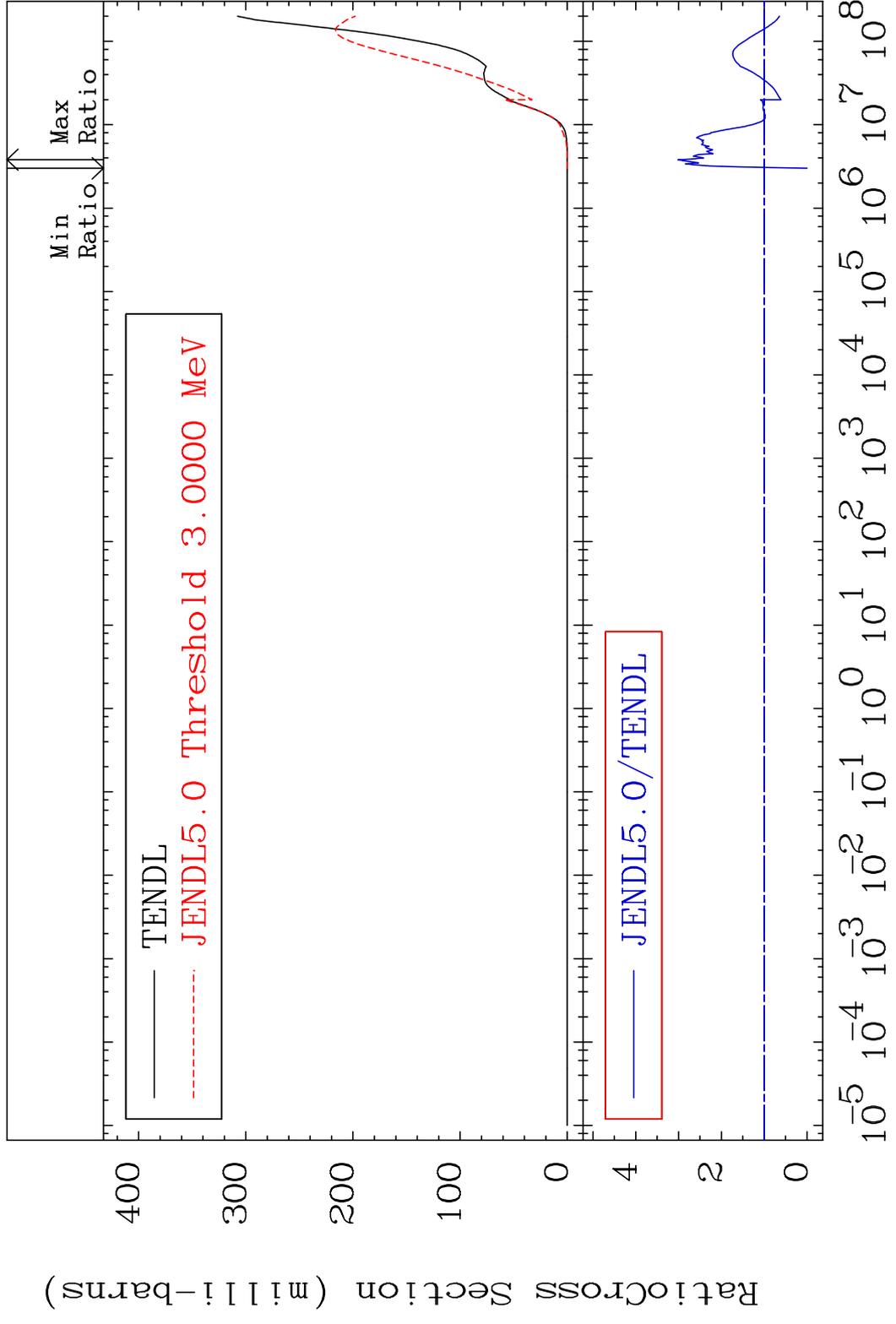
42-Mo-92

MAT 4225

He-4 Production

42-Mo-92

Cross Section -100.0 To 202.0 %

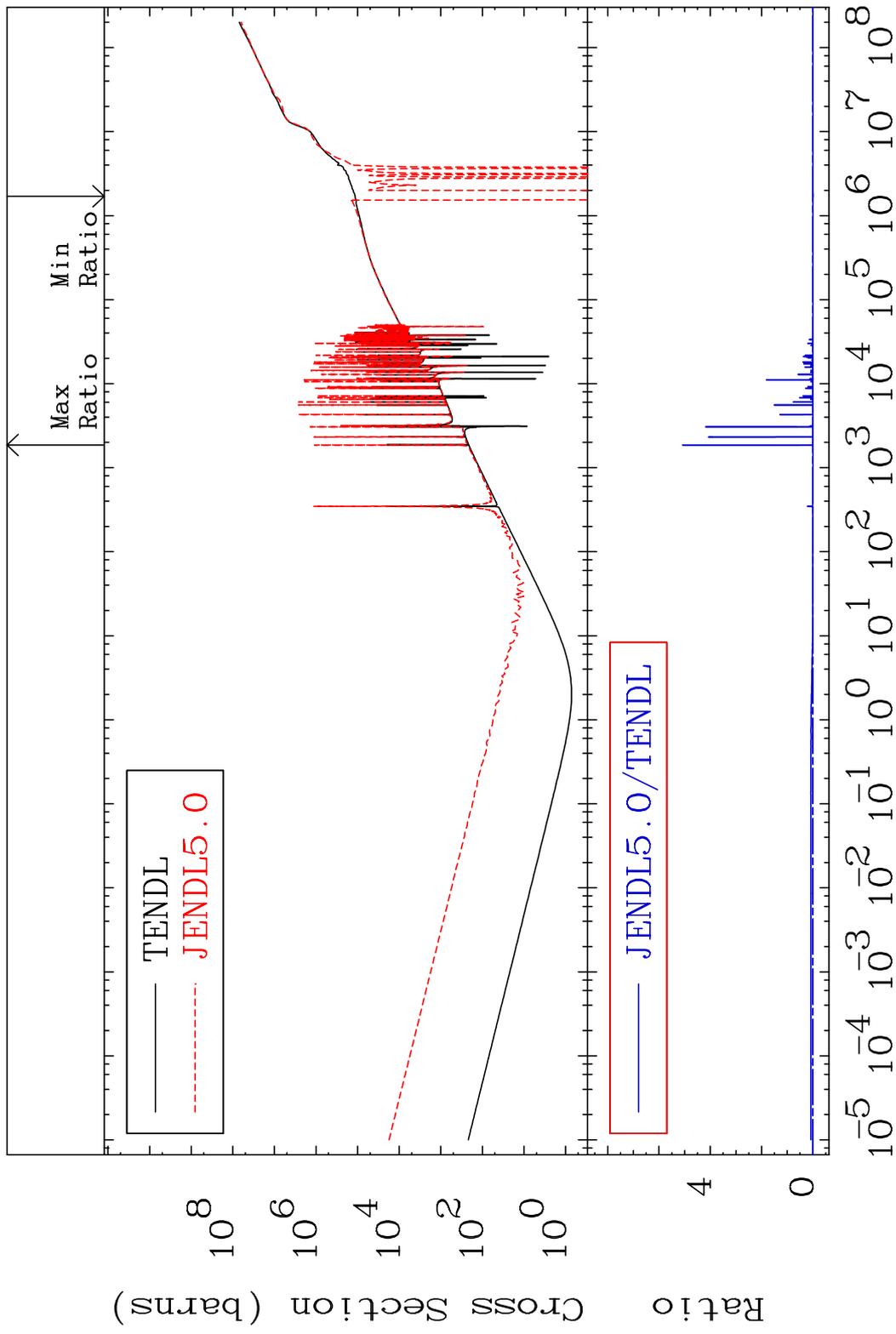


44

Incident Energy (eV)

42-Mo-92

MAT 4225 Kerma total (eV-barns) 42-Mo-92
Cross Section -1103. To 9999. %

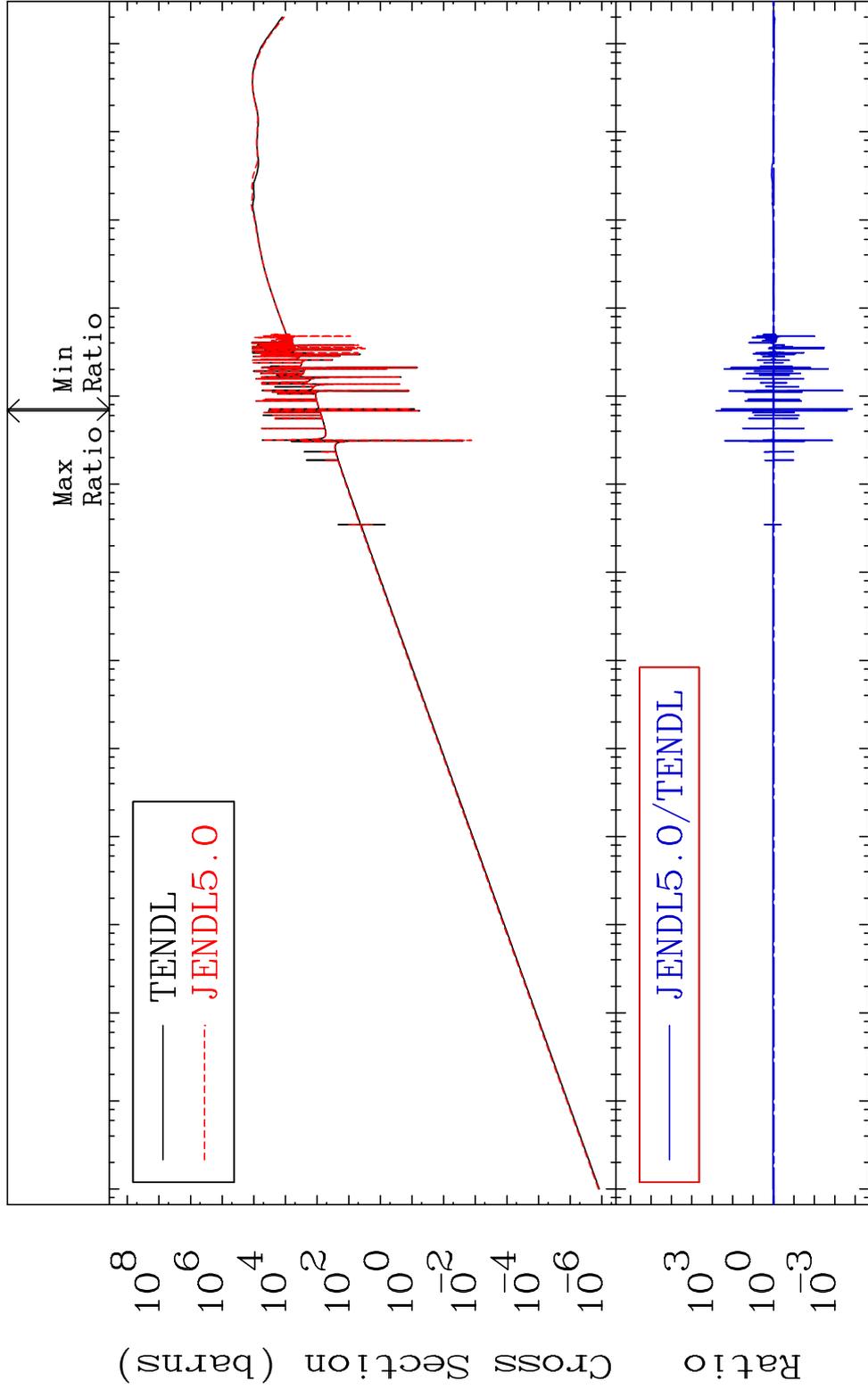


45 Incident Energy (eV) 42-Mo-92

MAT 4225

Kerma elastic
Cross Section

-99.99 To 9999. %
42-Mo-92

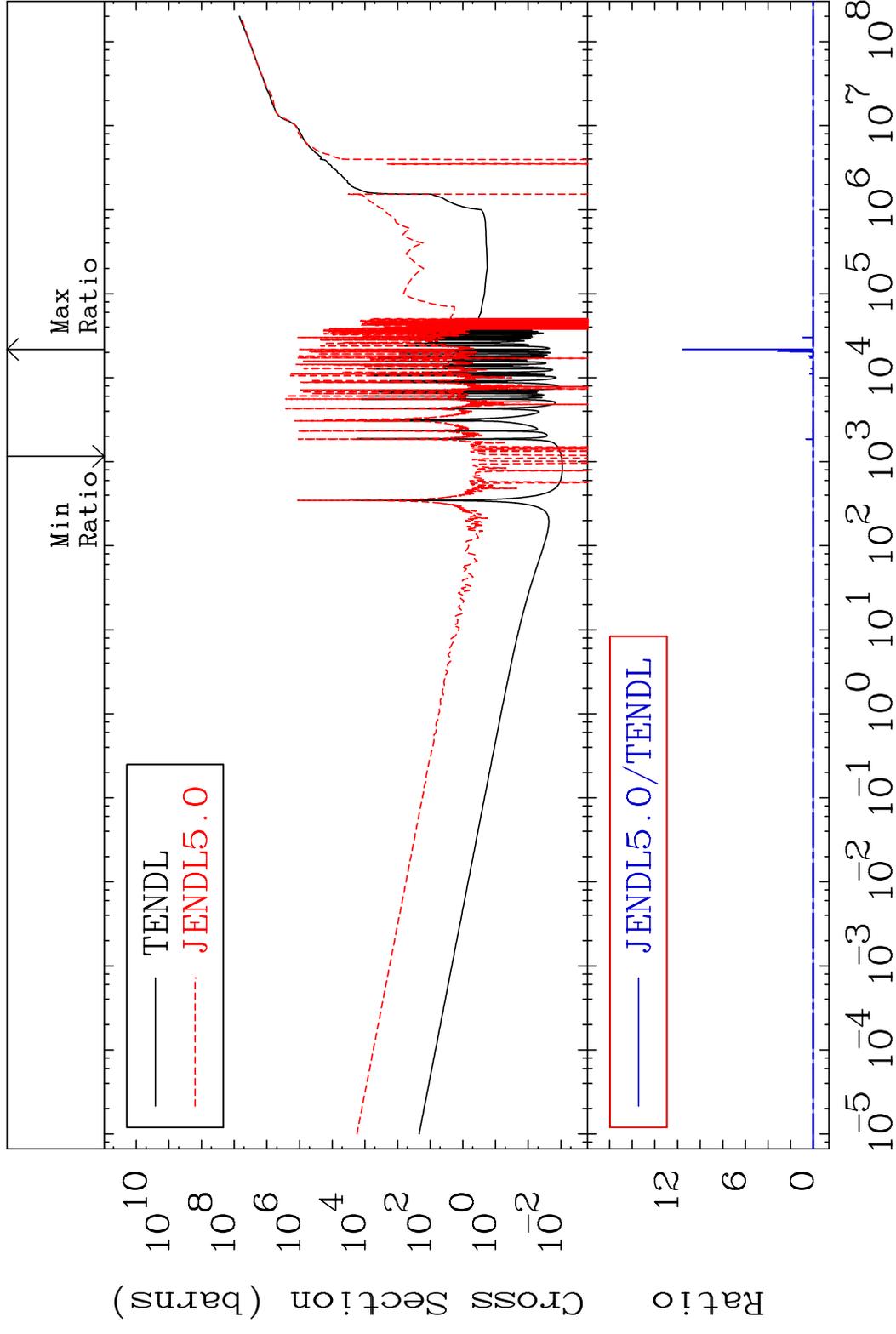


46

Incident Energy (eV)

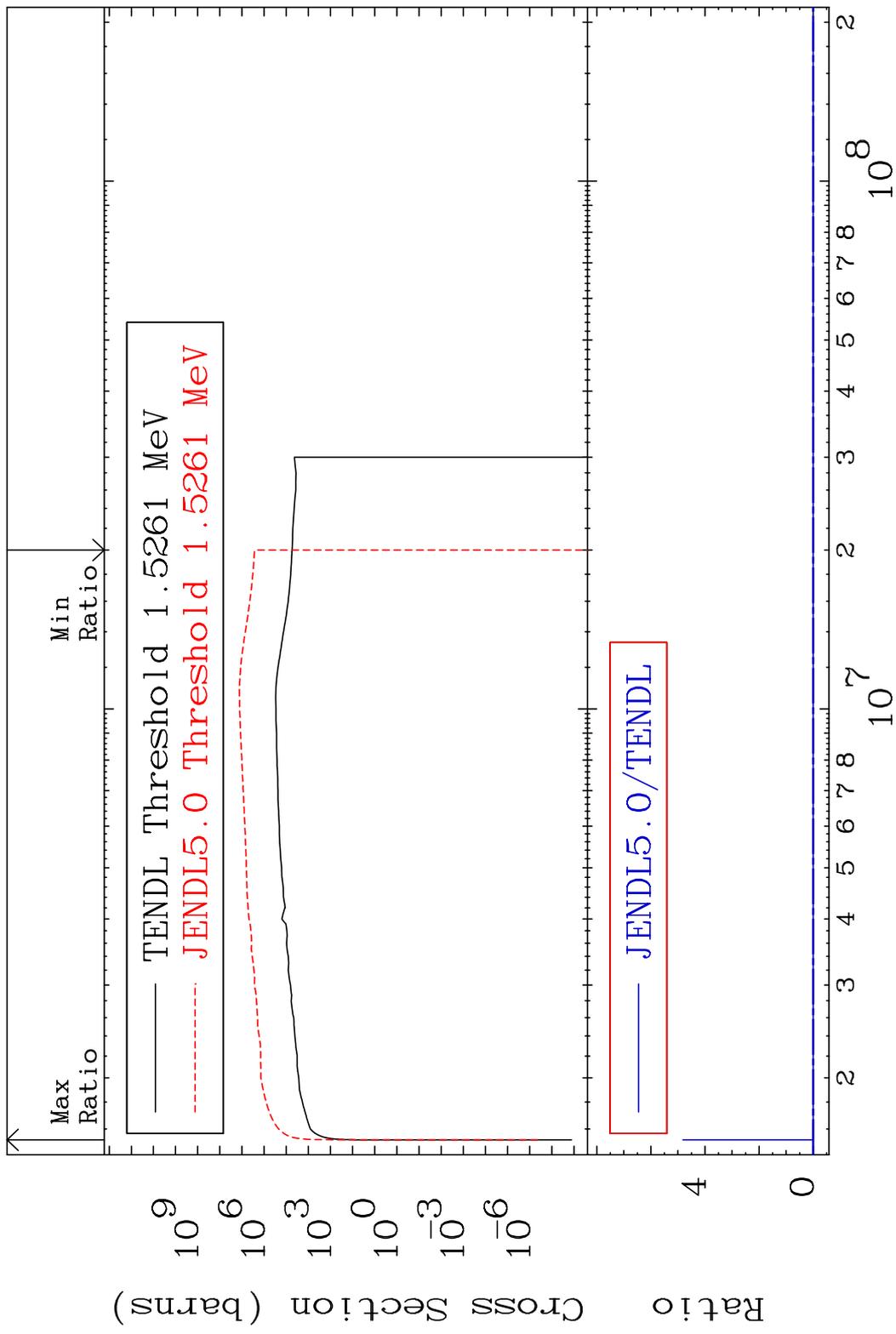
42-Mo-92

MAT 4225 Kerma non-elastic (all but mt2) 42-Mo-92
 Cross Section -9999. To 9999. %

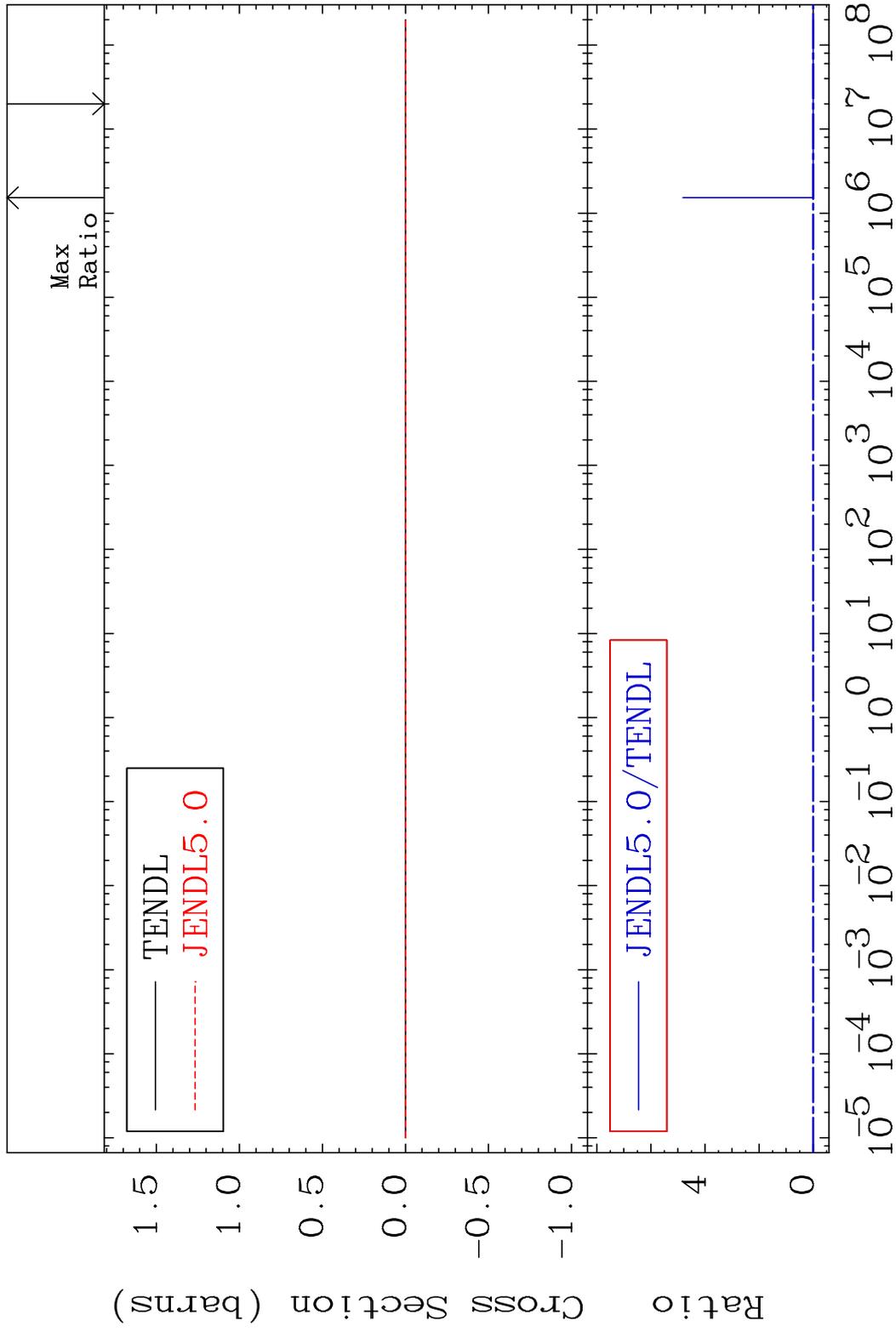


47 Incident Energy (eV) 42-Mo-92

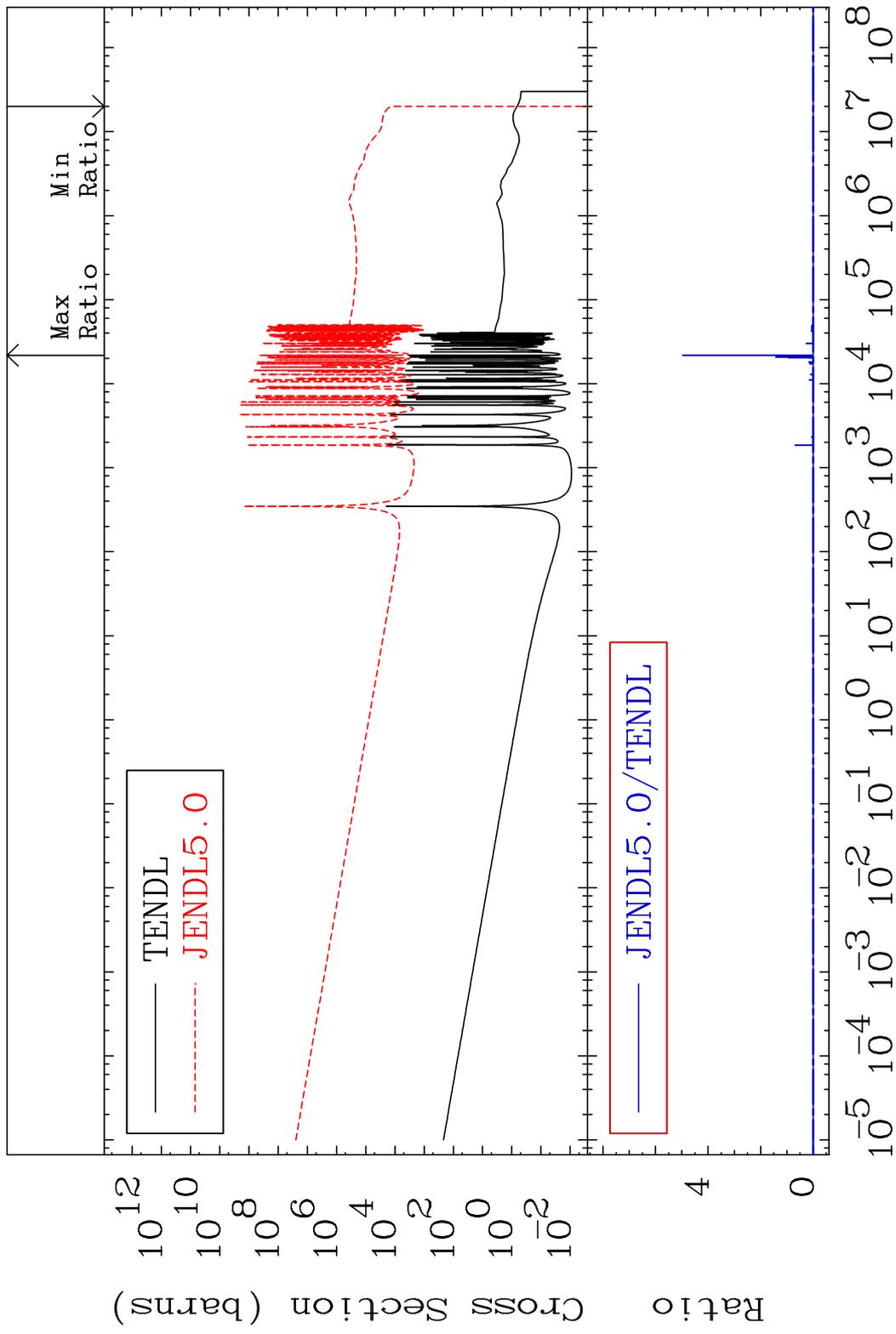
MAT 4225 Kerma inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 9999. %



MAT 4225 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-92
 Cross Section -100.0 To 9999. %

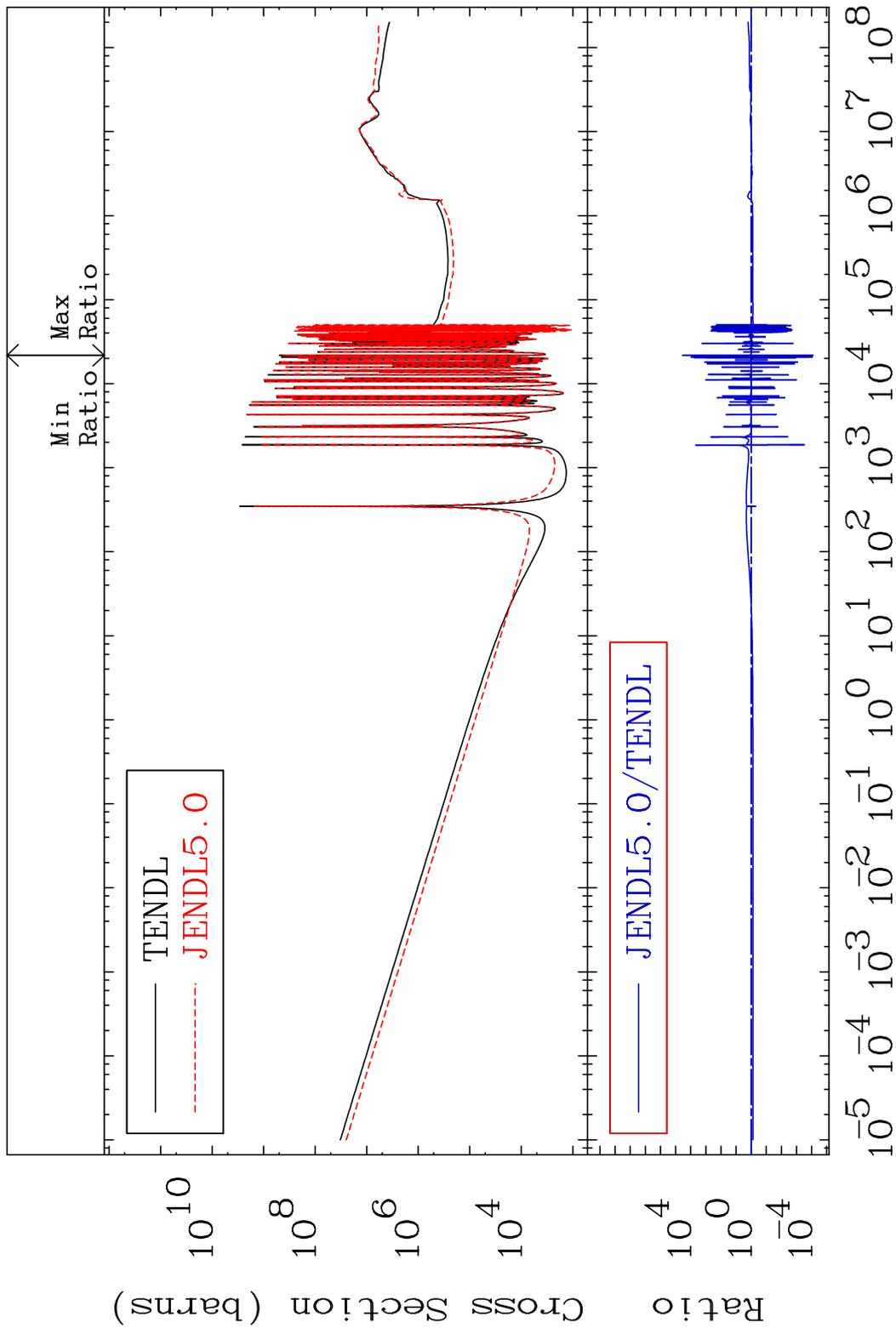


MAT 4225 Kerma capture (mt102) 42-Mo-92
 Cross Section -100.0 To 9999. %

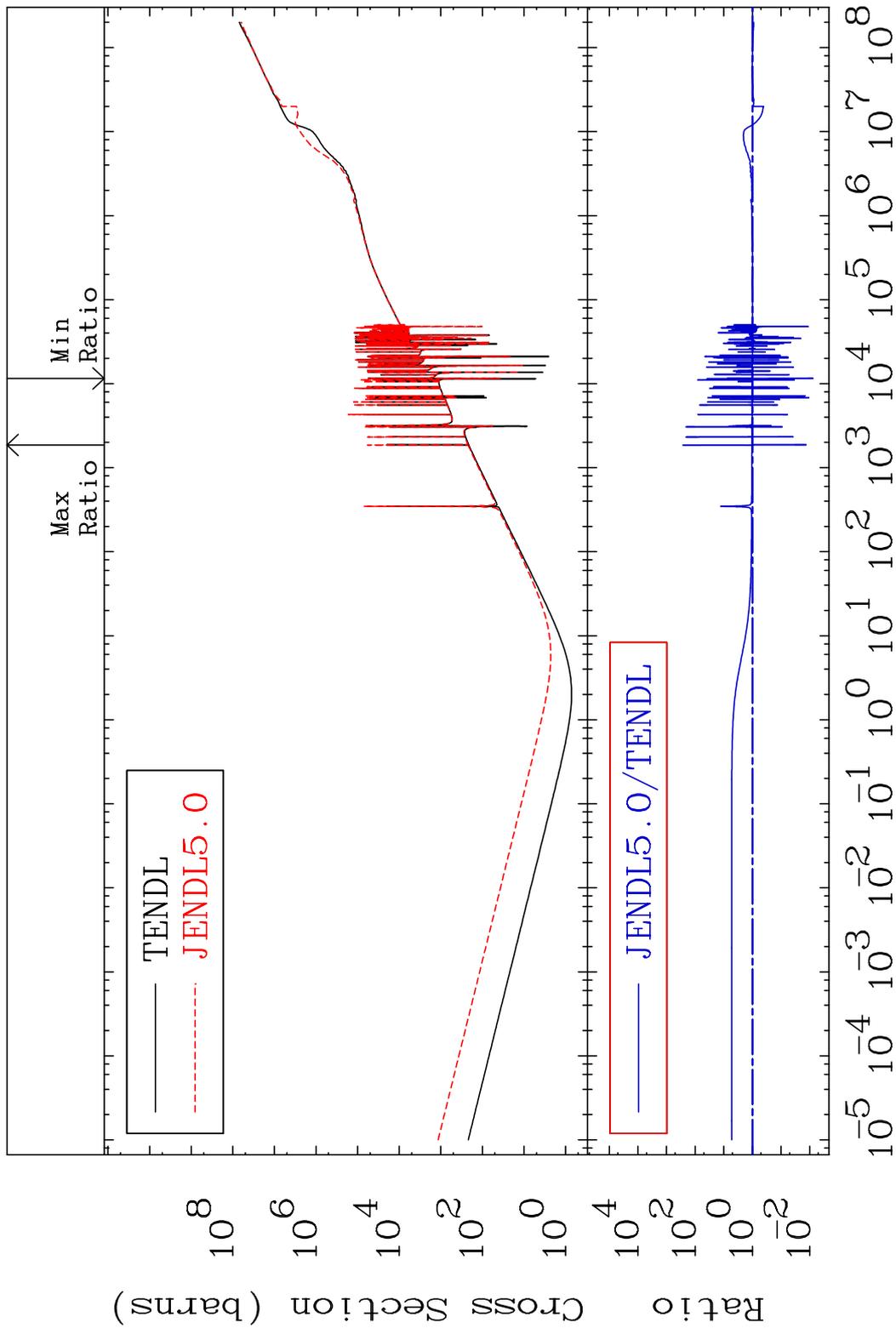


50 Incident Energy (eV) 42-Mo-92

MAT 4225 Total photon (eV-barns) 42-Mo-92
 Cross Section -99.99 To 9999. %



MAT 4225 Total kinematic kerma (high limit) 42-Mo-92
 Cross Section -99.24 To 9999. %

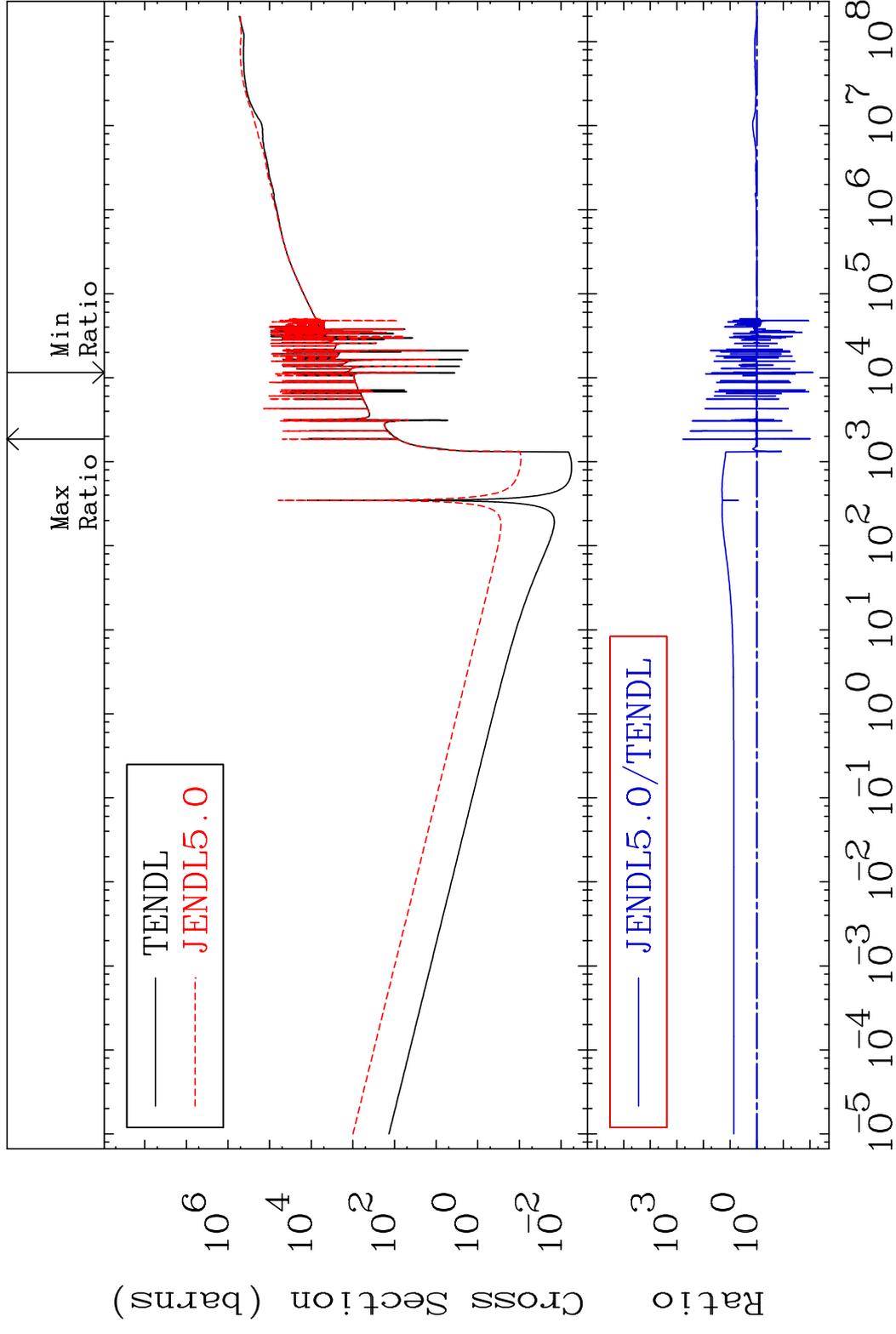


MAT 4225

Dpa total (eV-barns)

42-Mo-92

Cross Section -99.24 To 9999. %



53

Incident Energy (eV)

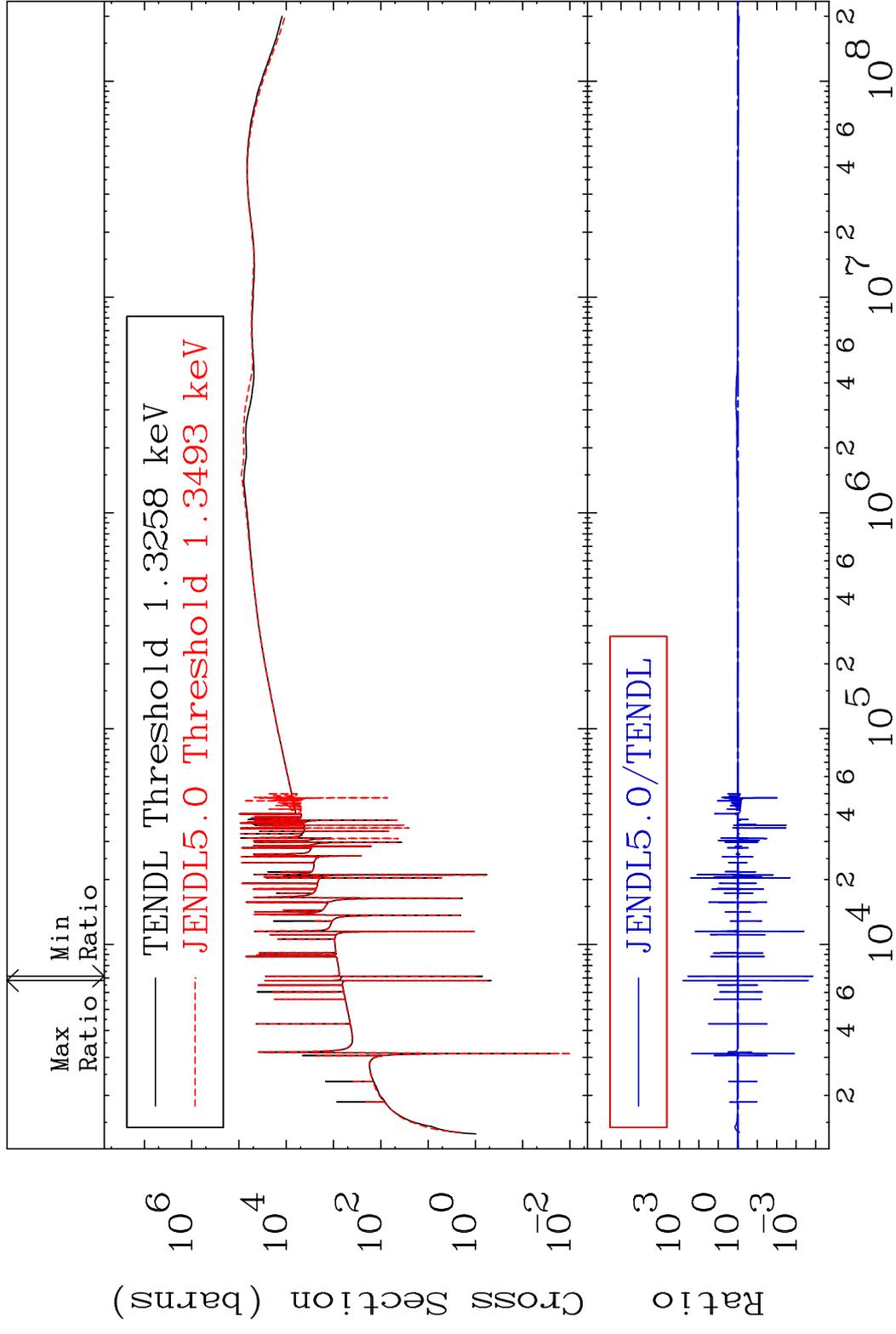
42-Mo-92

MAT 4225

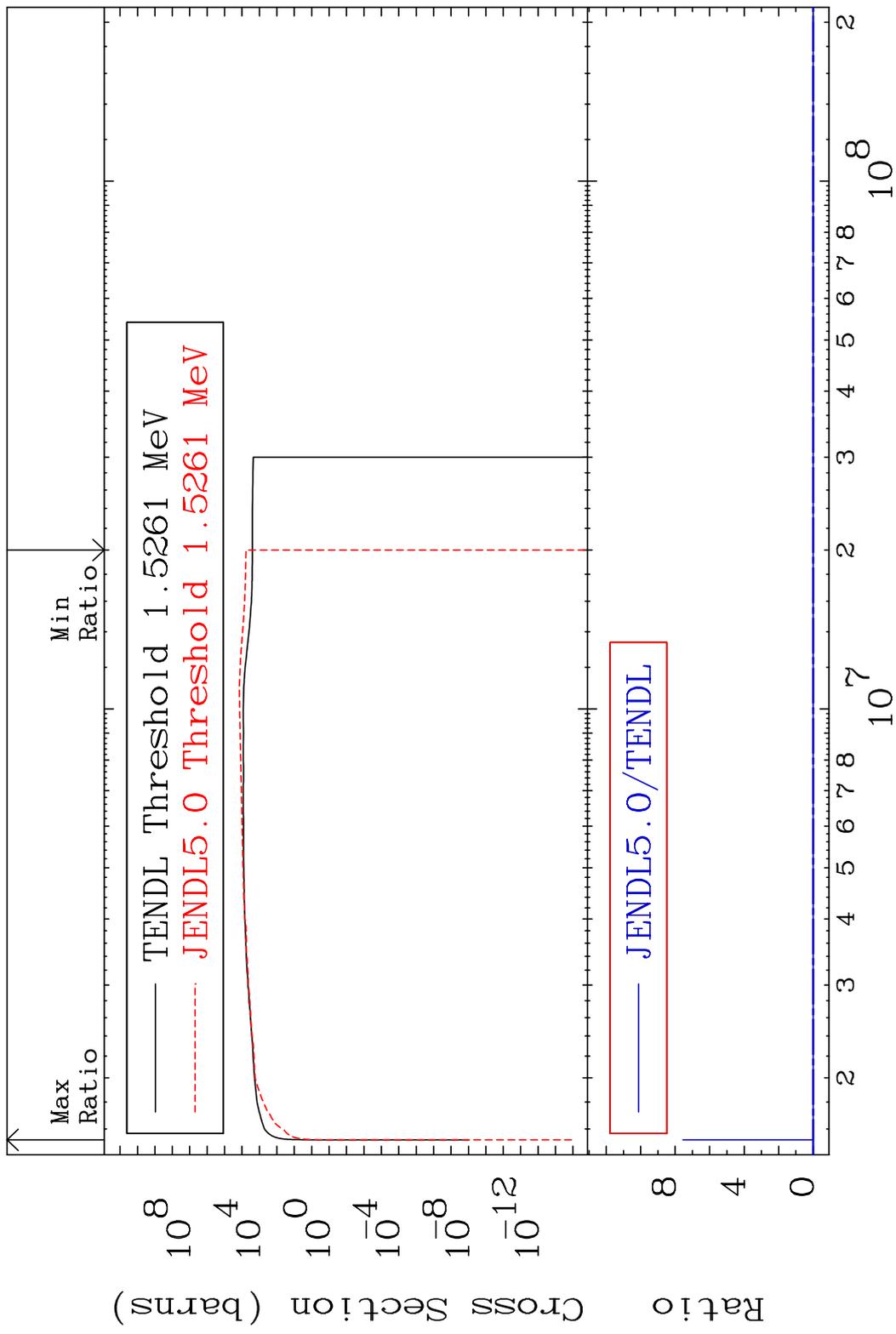
Dpa elastic (mt2)

42-Mo-92

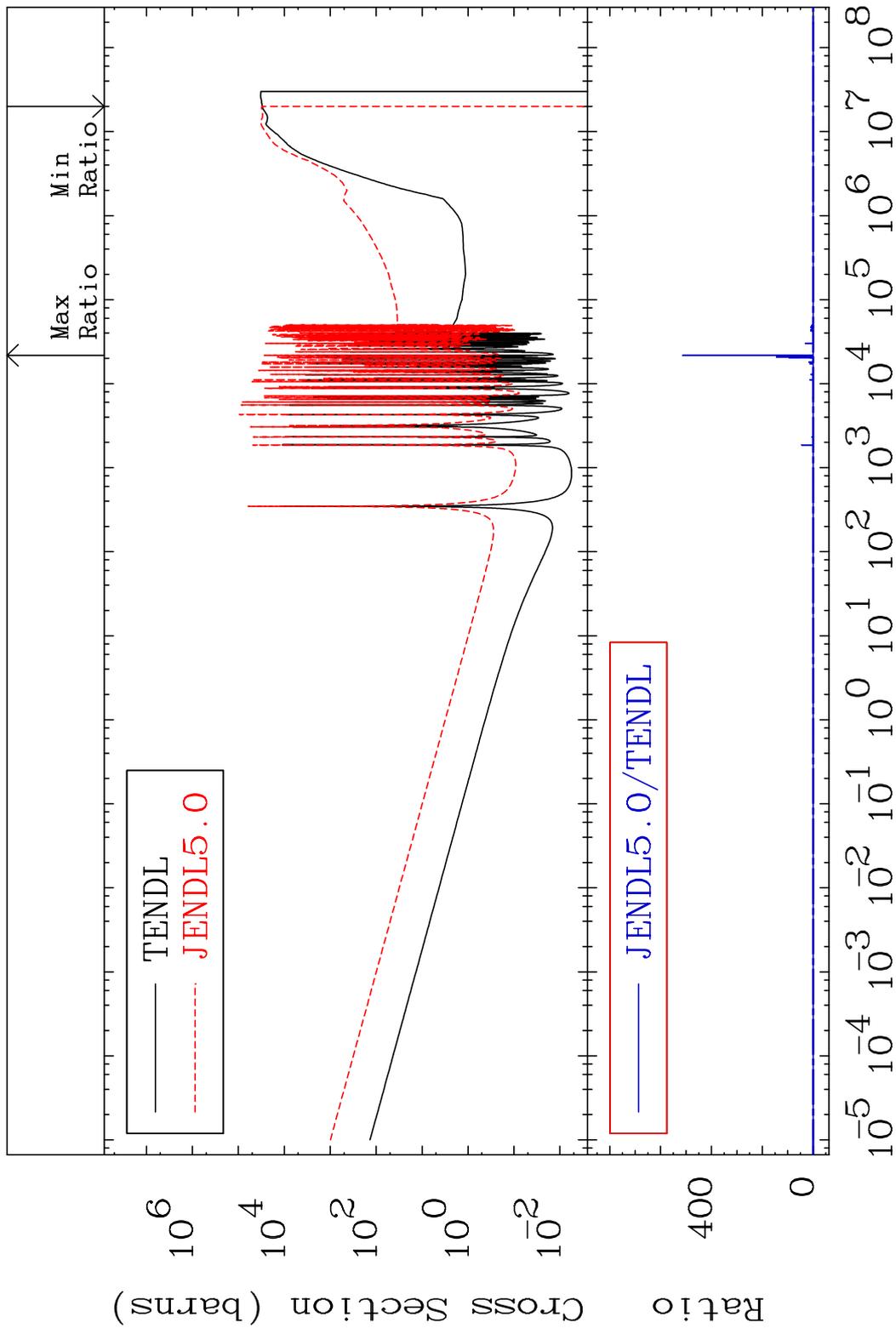
Cross Section -99.99 To 9999. %

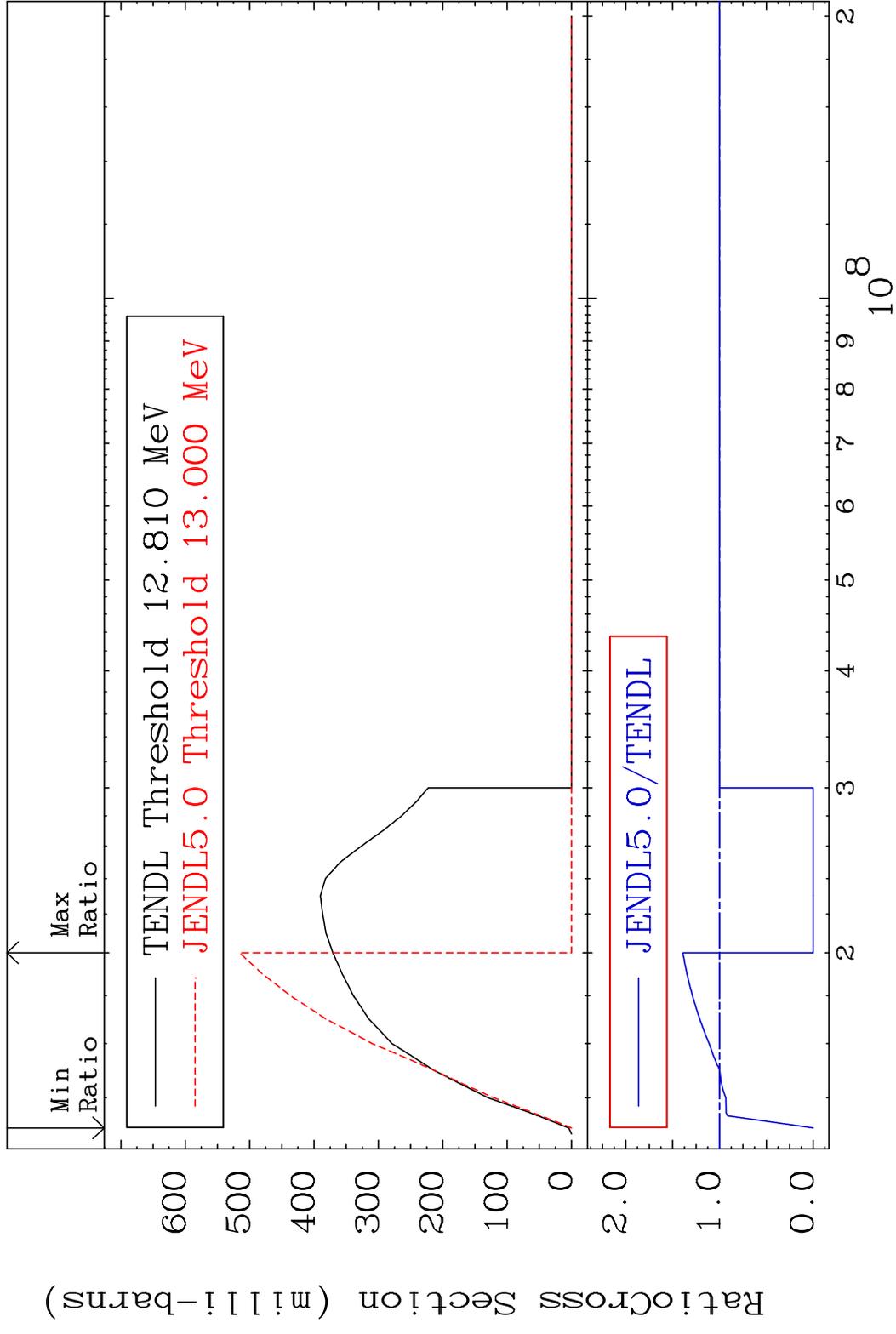


MAT 4225 Dpa inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 9999. %

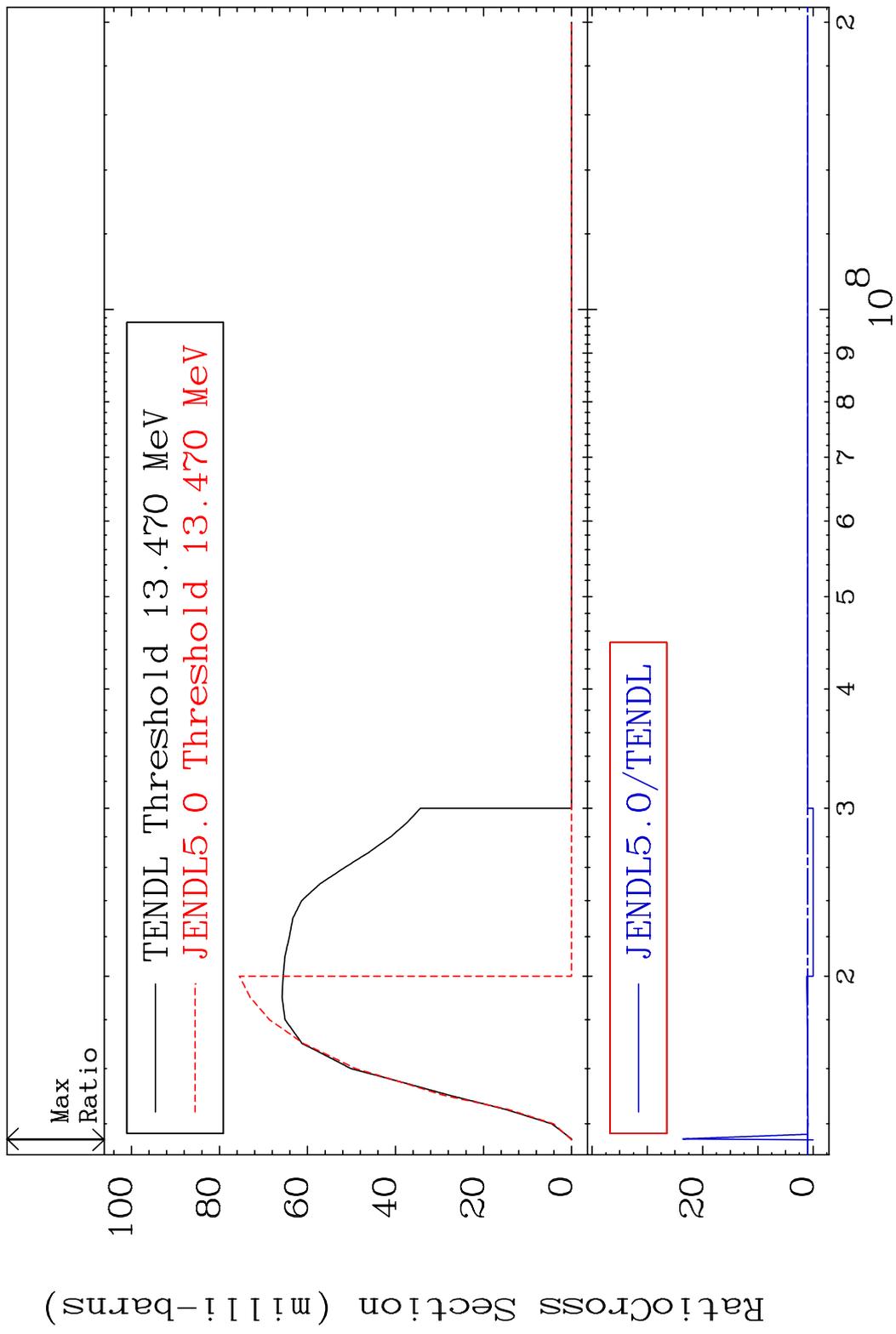


MAT 4225 Dpa disappearance (mt102 -120) 42-Mo-92
 Cross Section -100.0 To 9999. %

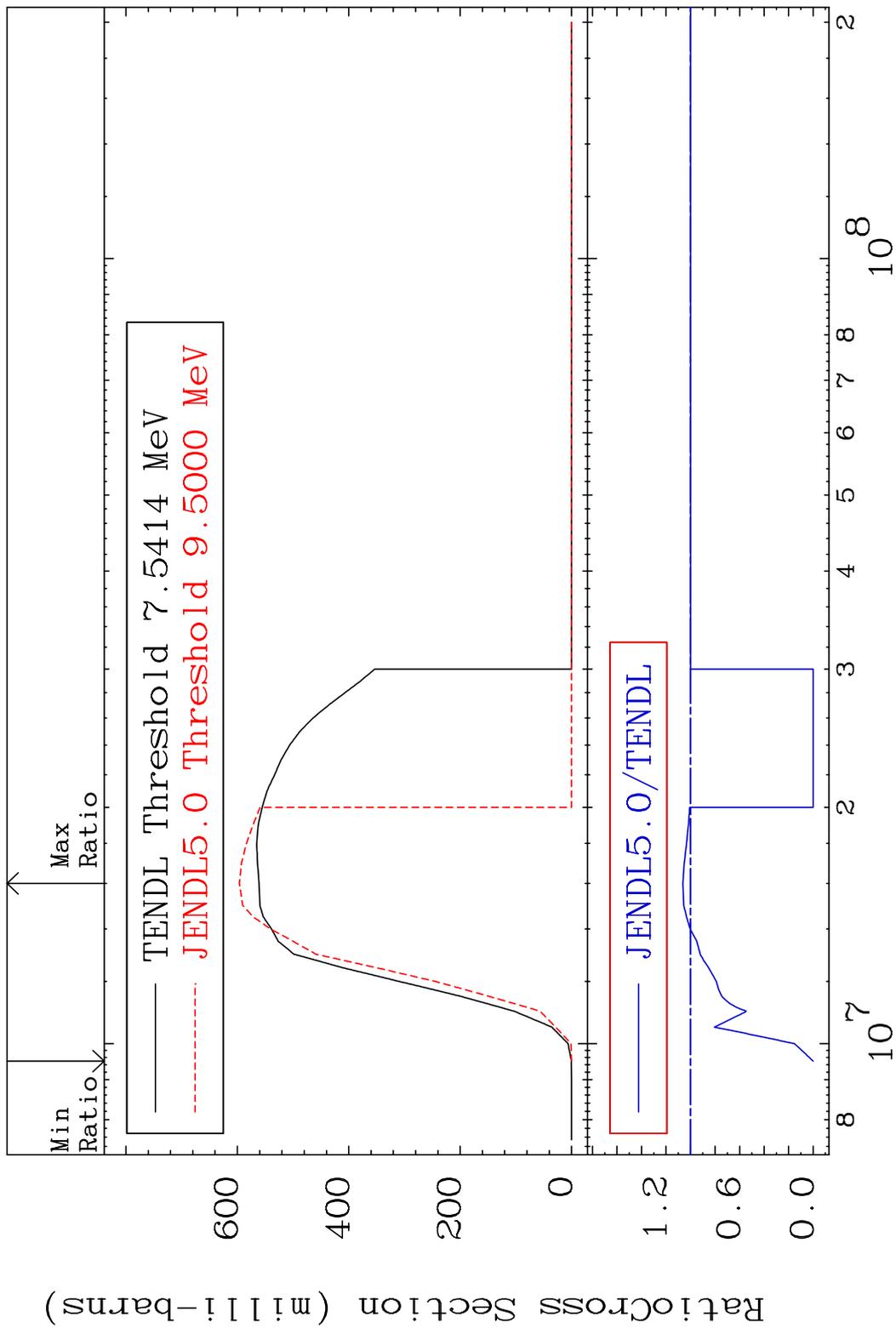




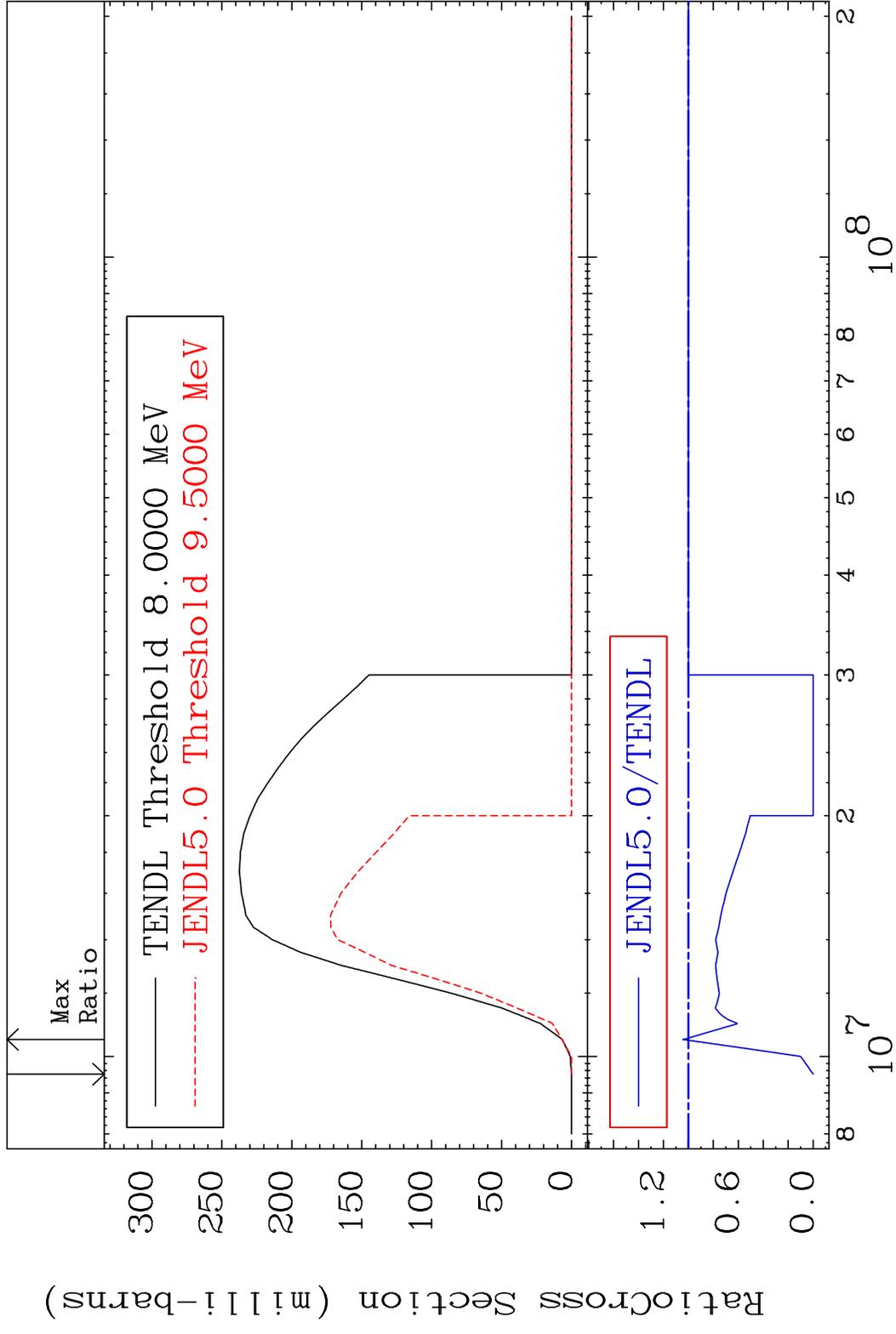
MAT 4225 (n,2n):42-Mo-91m1 42-Mo-92
 Radionuclide Production Cross Section Ratio 2258. %



MAT 4225 (n, n') p:41-Nb-91g 42-Mo-92
 Radionuclide Production Cross Section Ratio 6.297 %

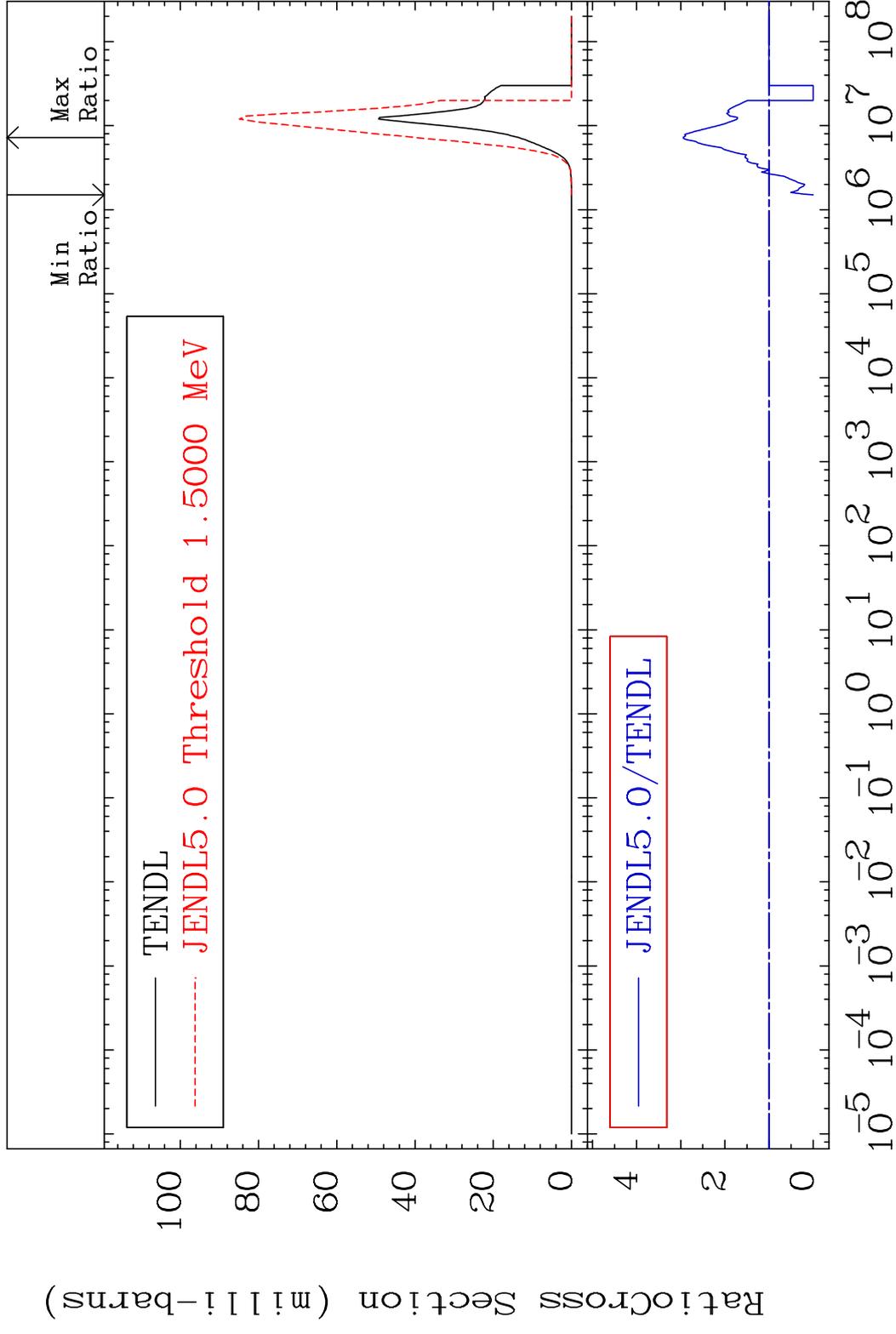


MAT 4225 (n, n') p:41-Nb-91m1 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 4.451 %

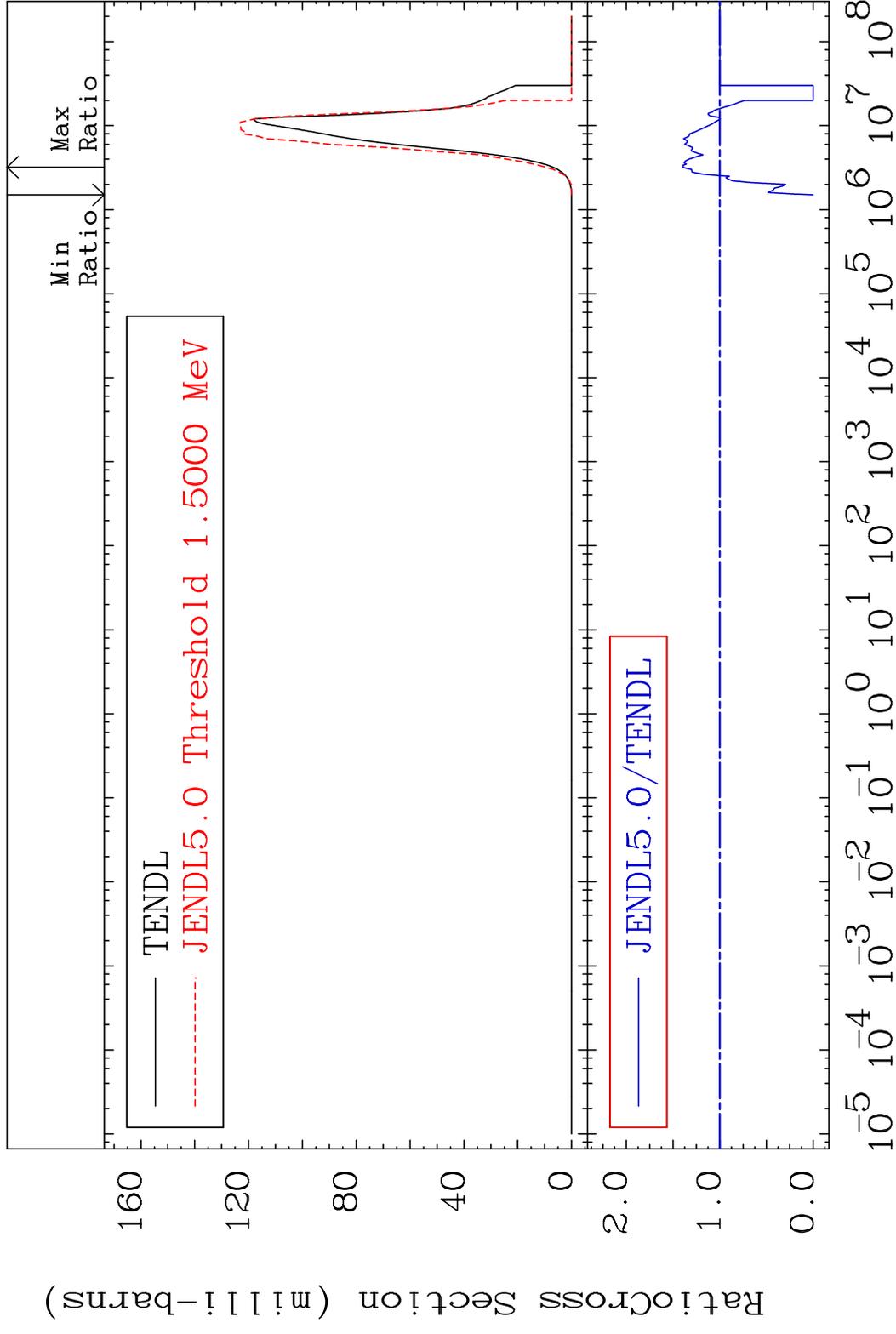


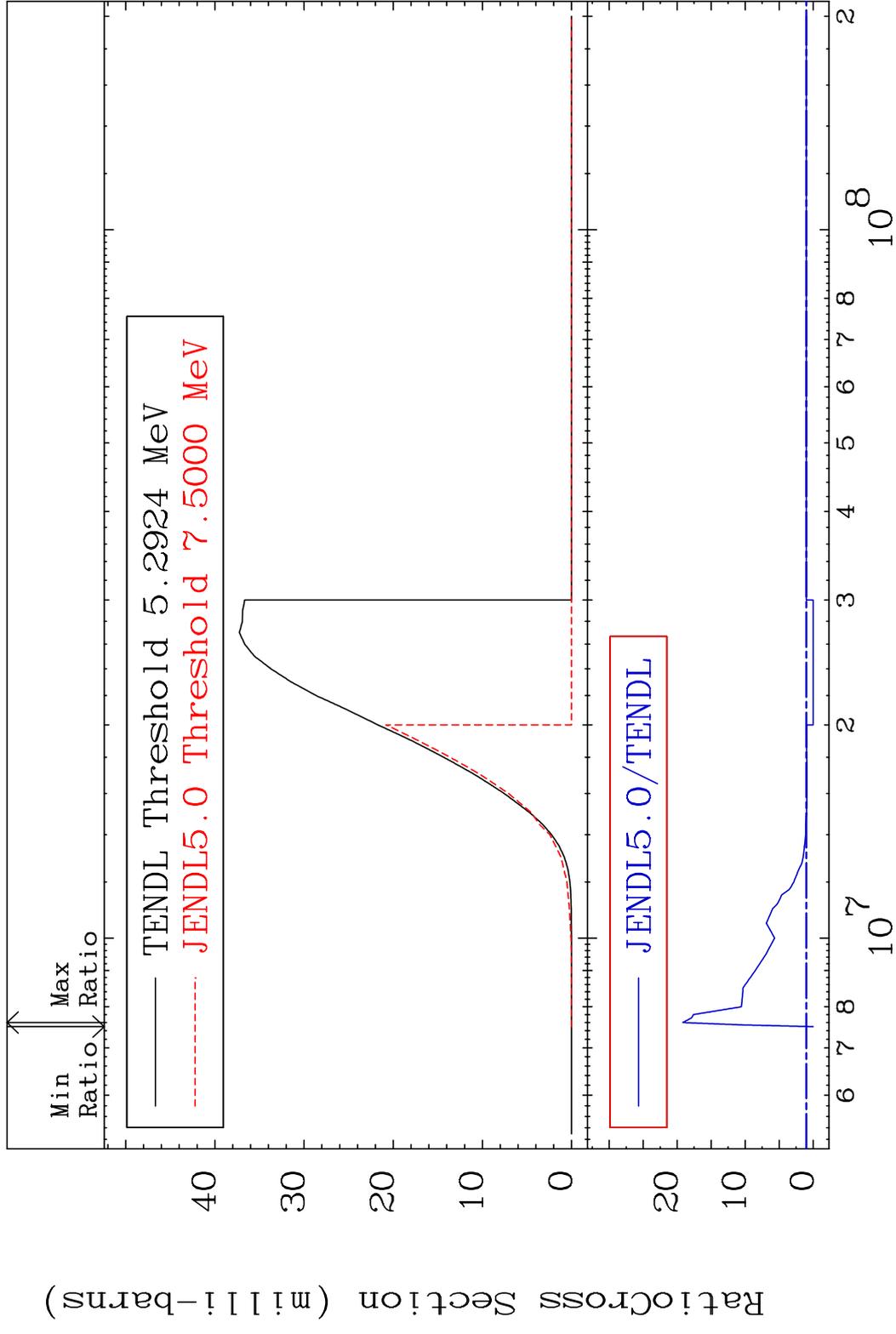
60 Incident Energy (eV) 42-Mo-92

MAT 4225 (n, p) : 41-Nb-92g 42-Mo-92
 Radionuclide Production Cross Section 180.0 dth 195.2 %

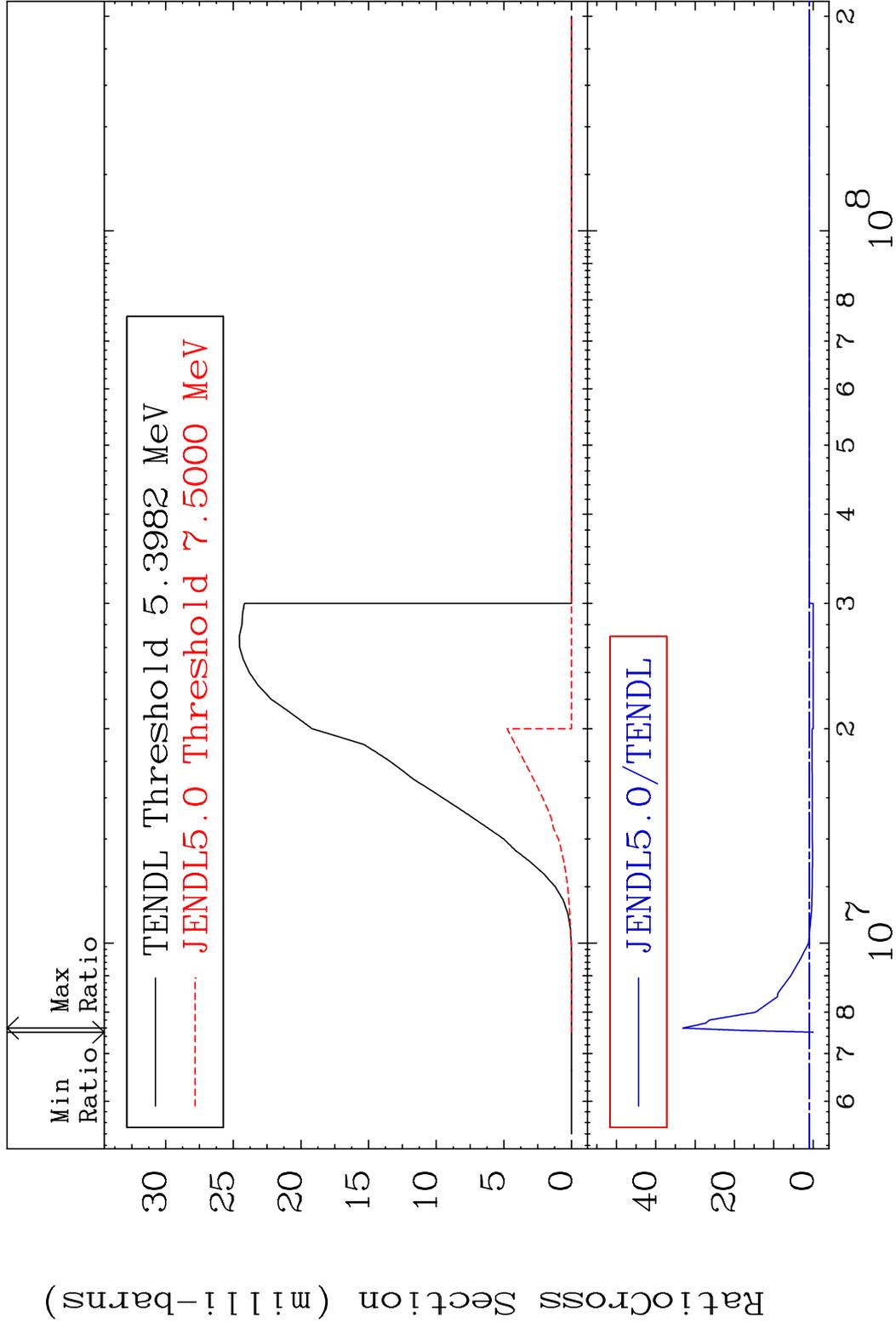


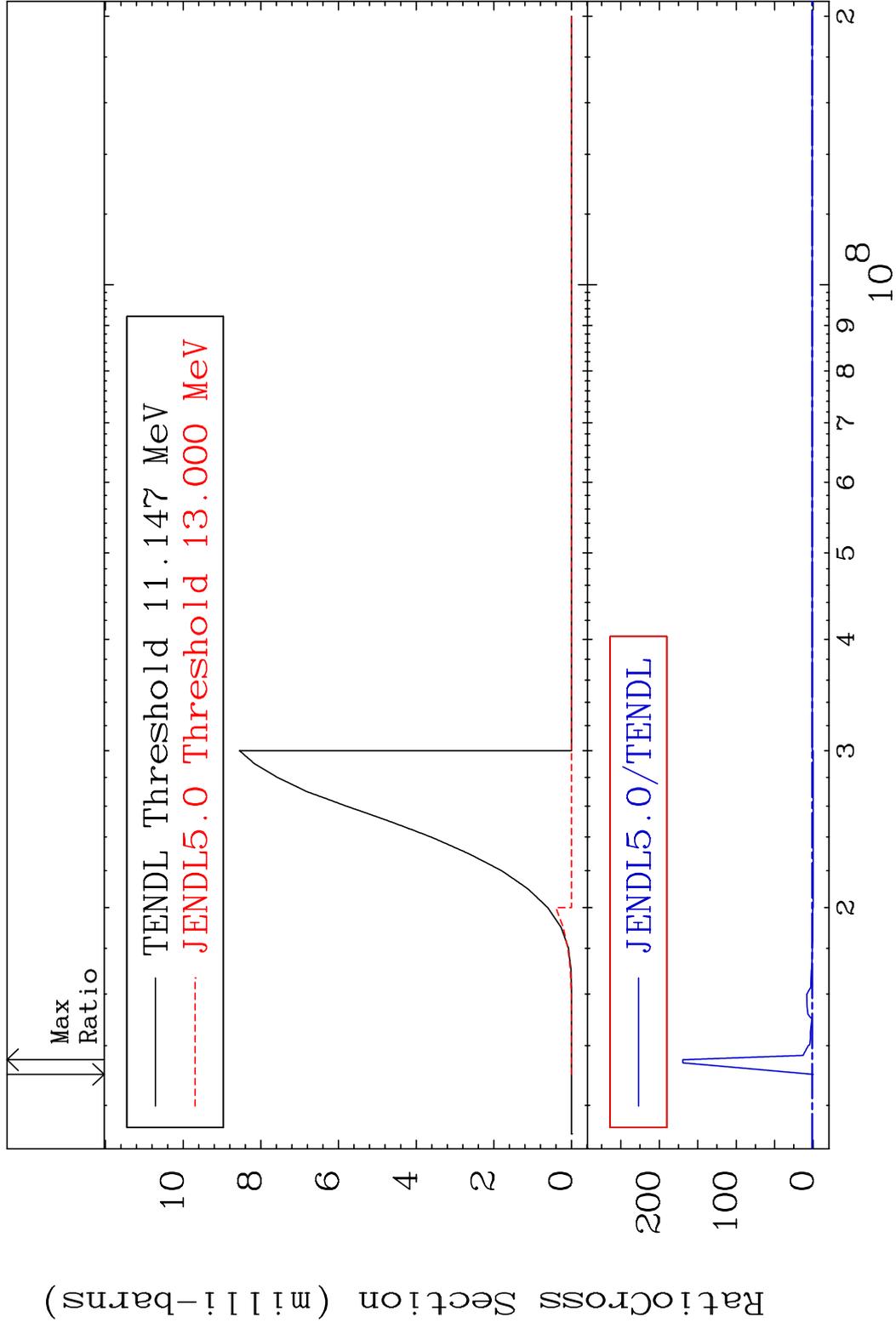
MAT 4225 (n,p):41-Nb-92m1 42-Mo-92
 Radionuclide Production Cross Section 180.01 dth 39.53 %

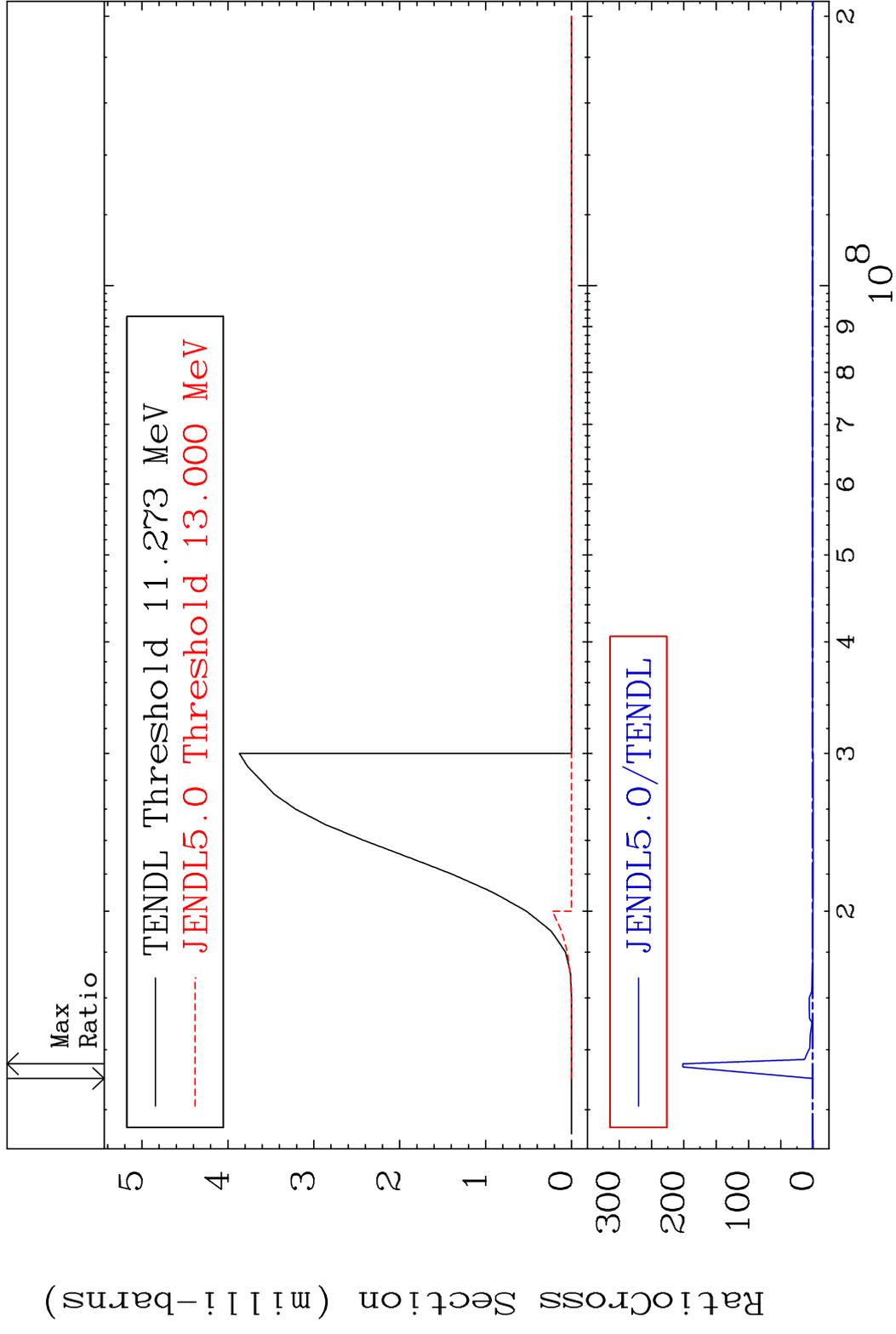




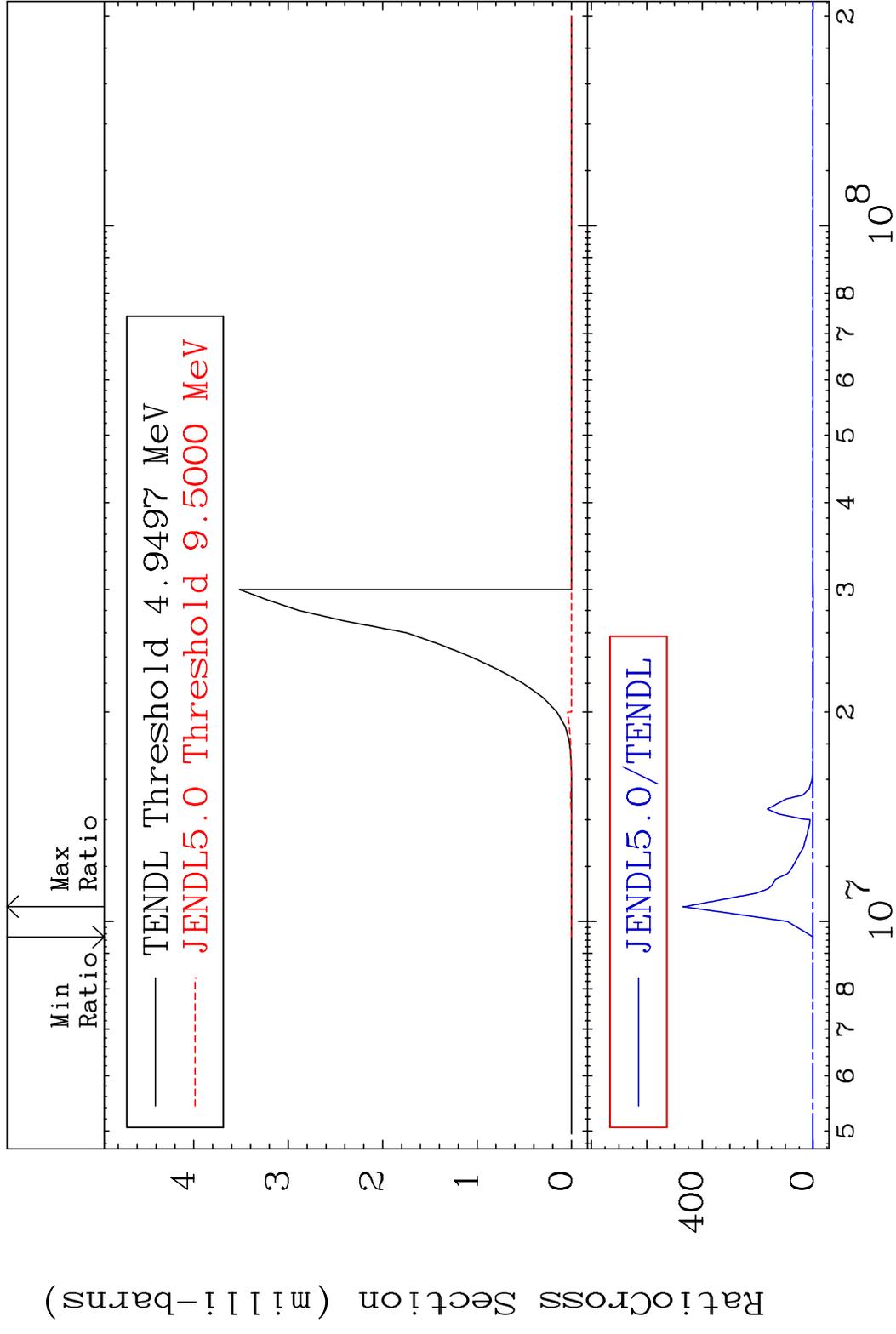
MAT 4225 (n, d): 41-Nb-91m1 42-Mo-92
 Radionuclide Production Cross Section 1800 dth 3212. %

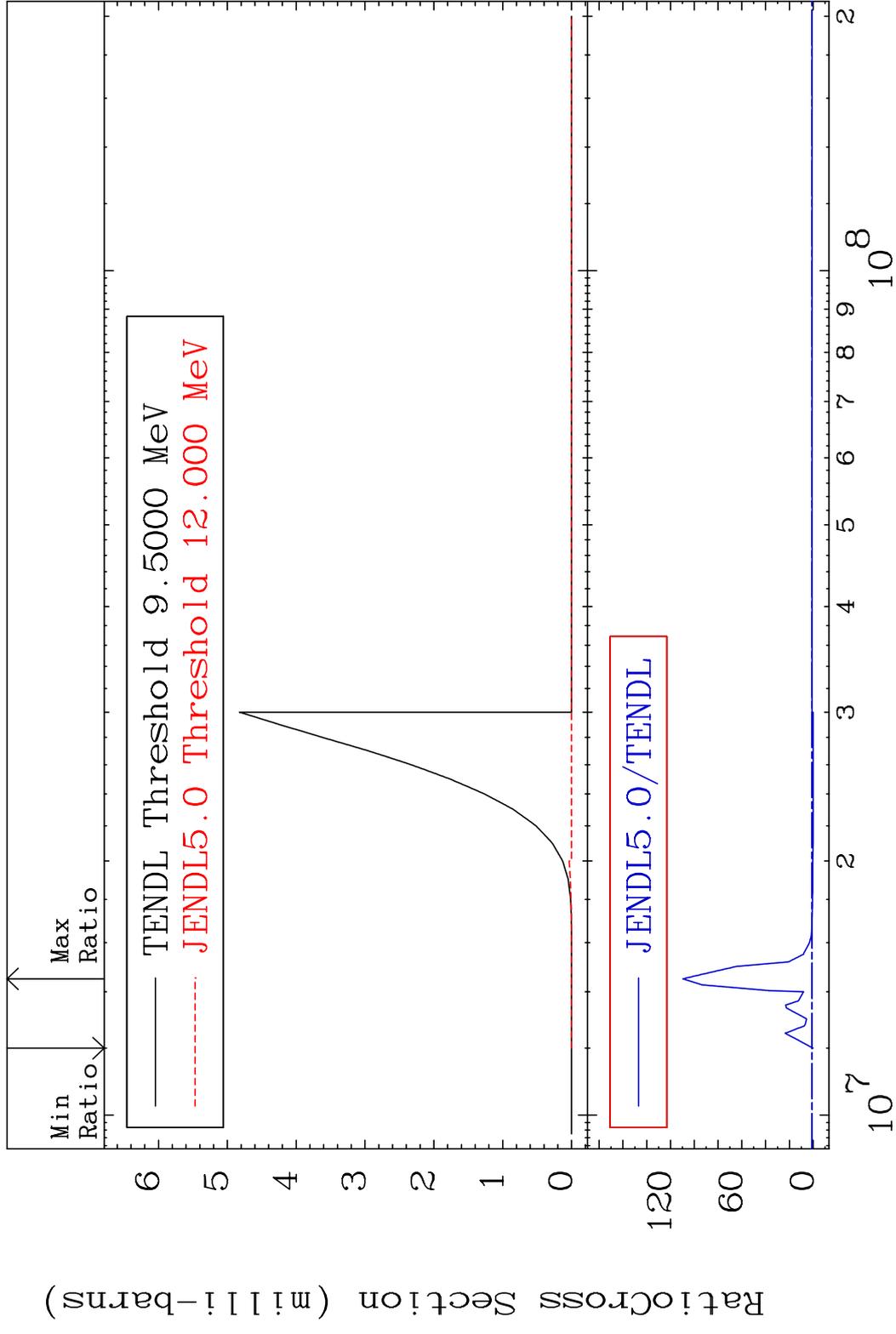




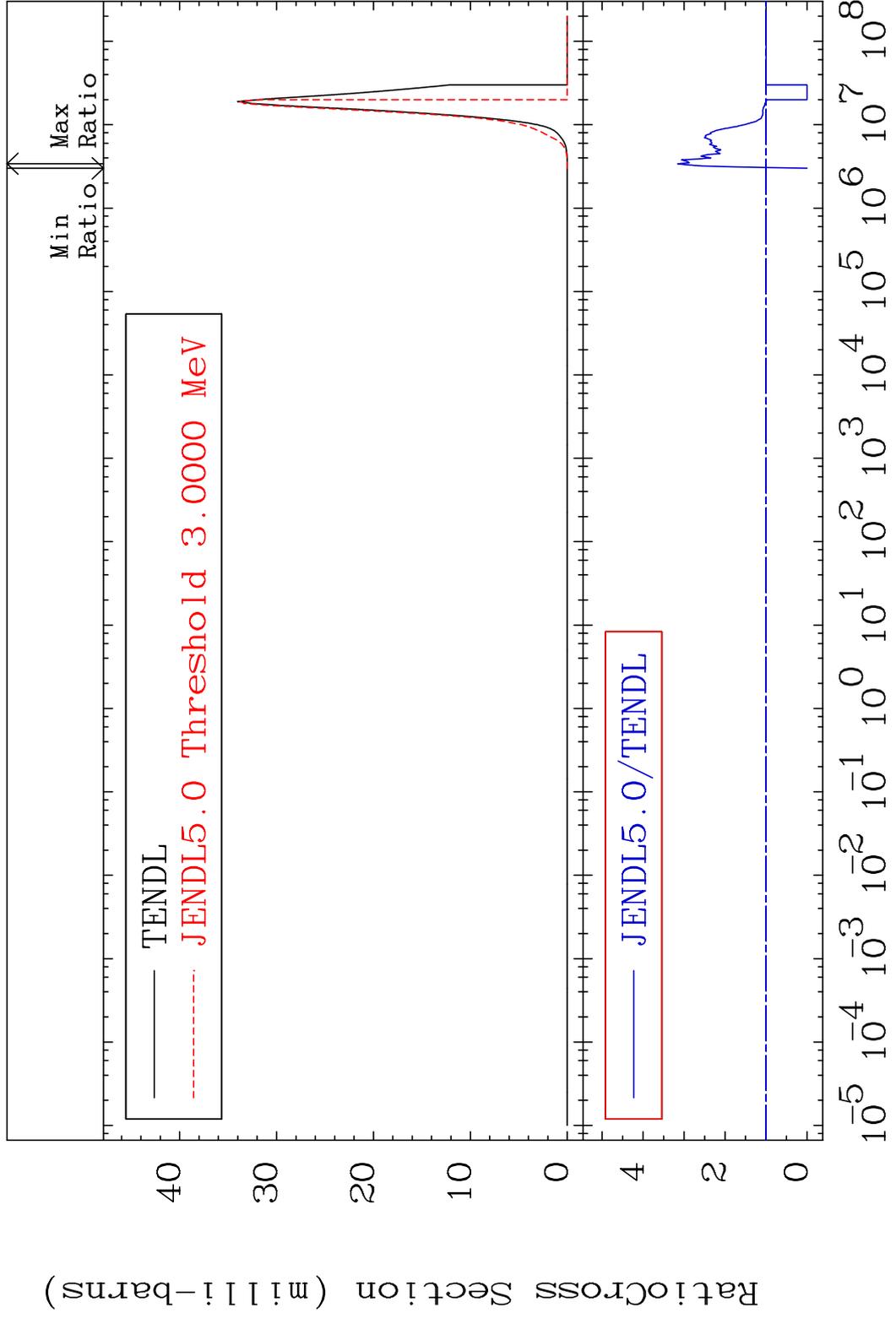


MAT 4225 (n, He-3): 40-Zr-90g 42-Mo-92
 Radionuclide Production Cross Section Ratio 9999. %

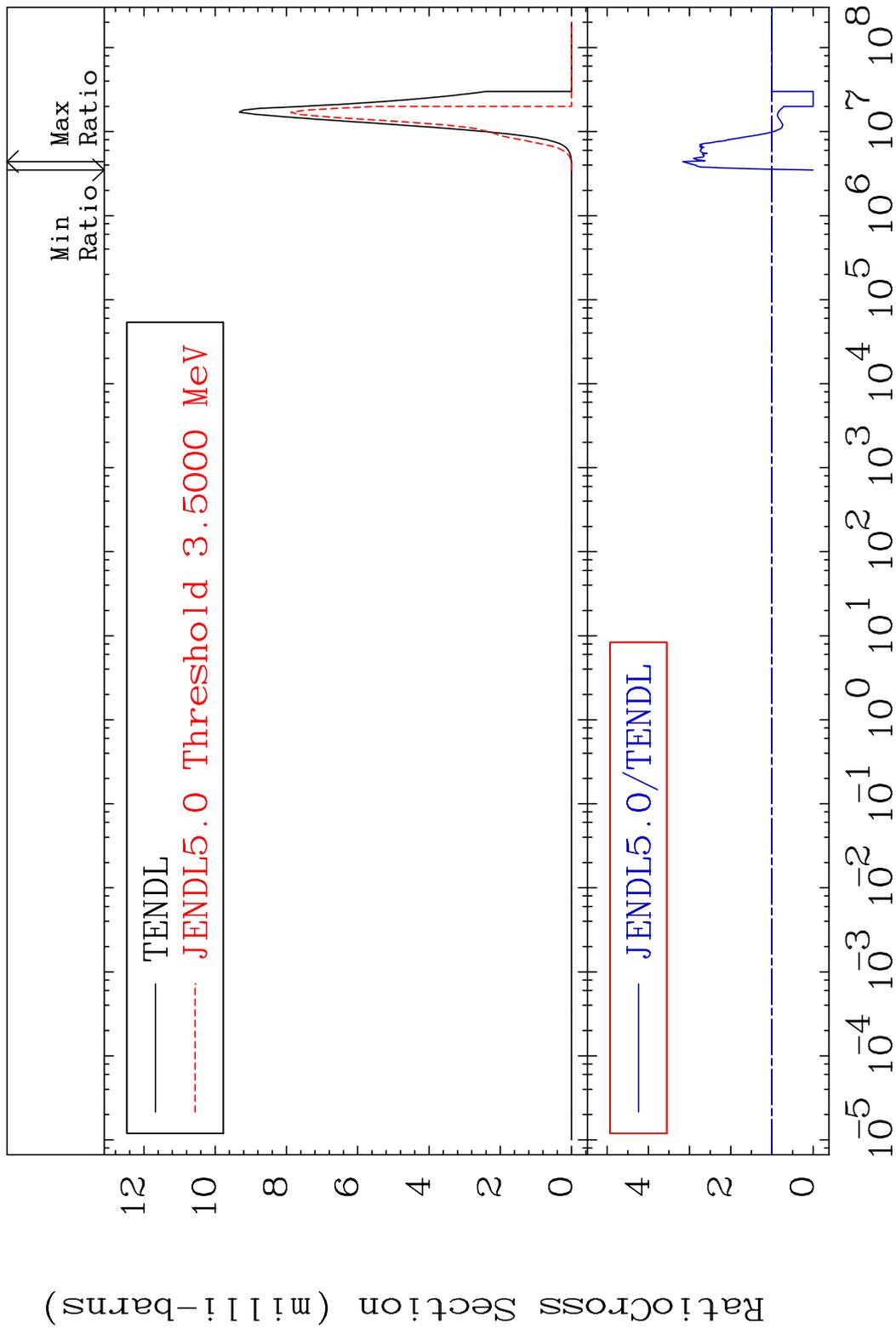




MAT 4225 (n, α): 40-Zr-89g 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 215.6 %



MAT 4225 (n, α): 40-Zr-89m1 42-Mo-92
 Radionuclide Production Cross Section Ratio 216.3 %



70 Incident Energy (eV) 42-Mo-92