

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

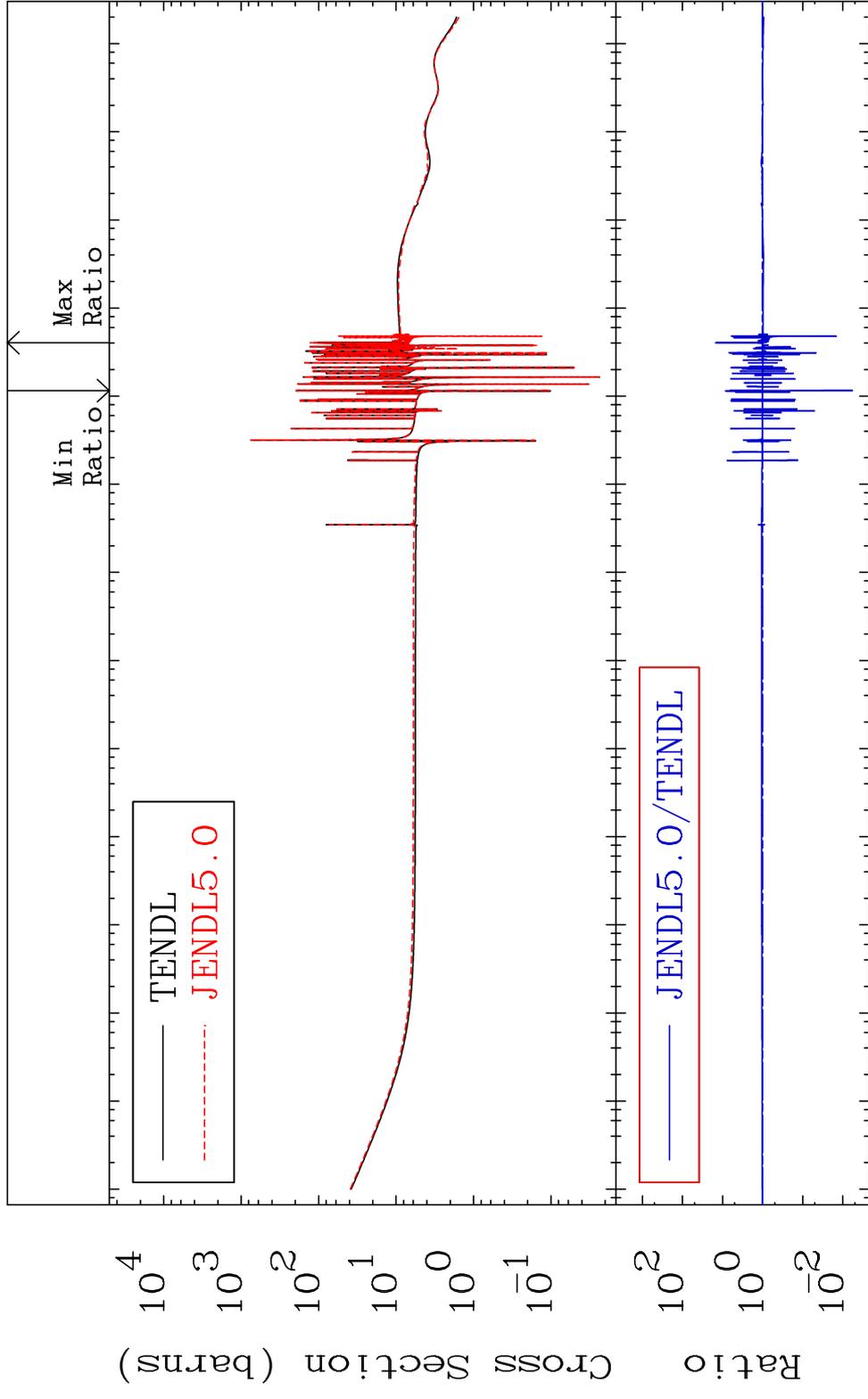
MAT 4225

Total

42-Mo-92

Cross Section

-99.43 To 1369. %



10⁴
10³
10²
10¹
10⁰
10⁻¹
10⁻²

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

1 Incident Energy (eV)

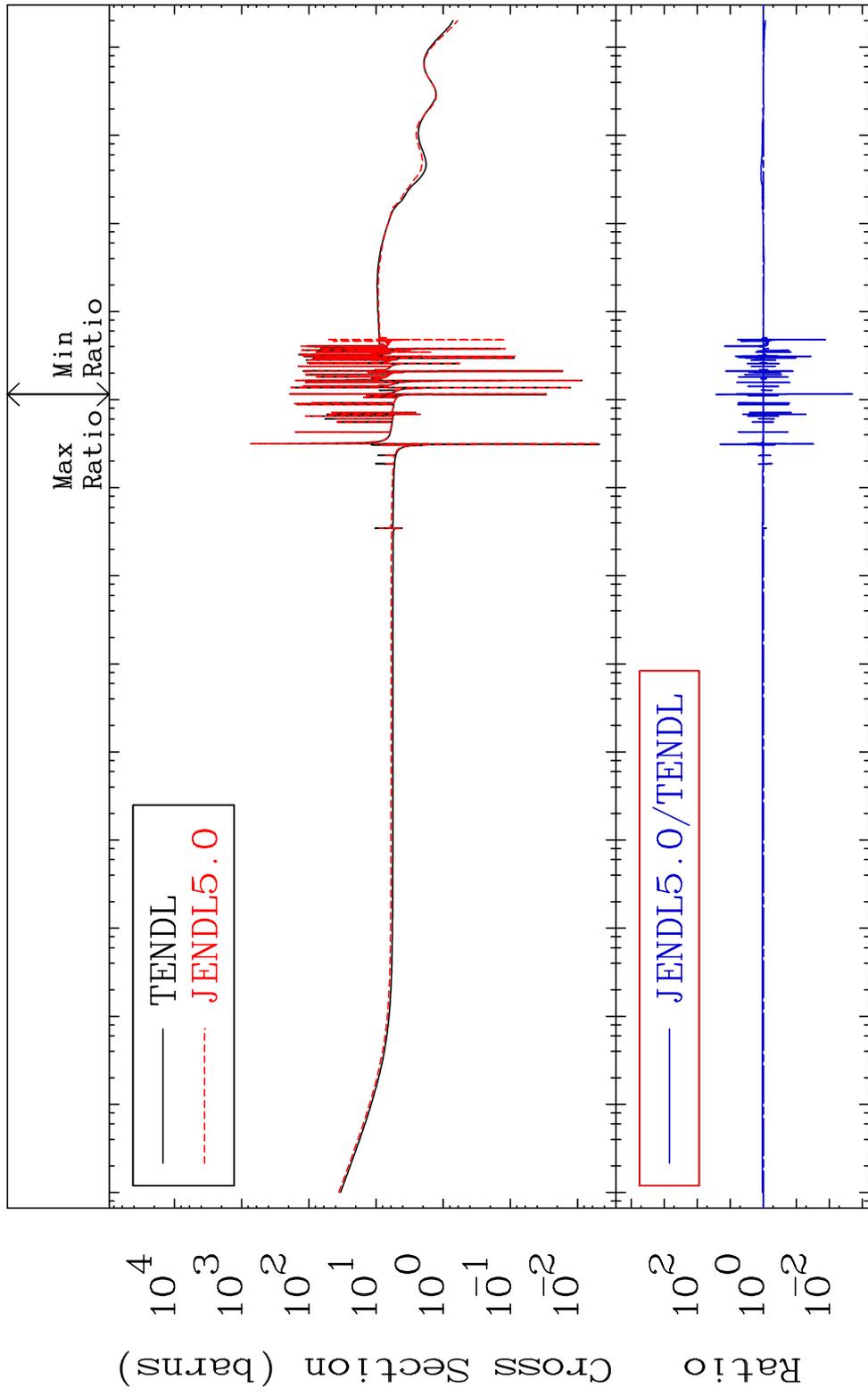
42-Mo-92

MAT 4225

Elastic

42-Mo-92

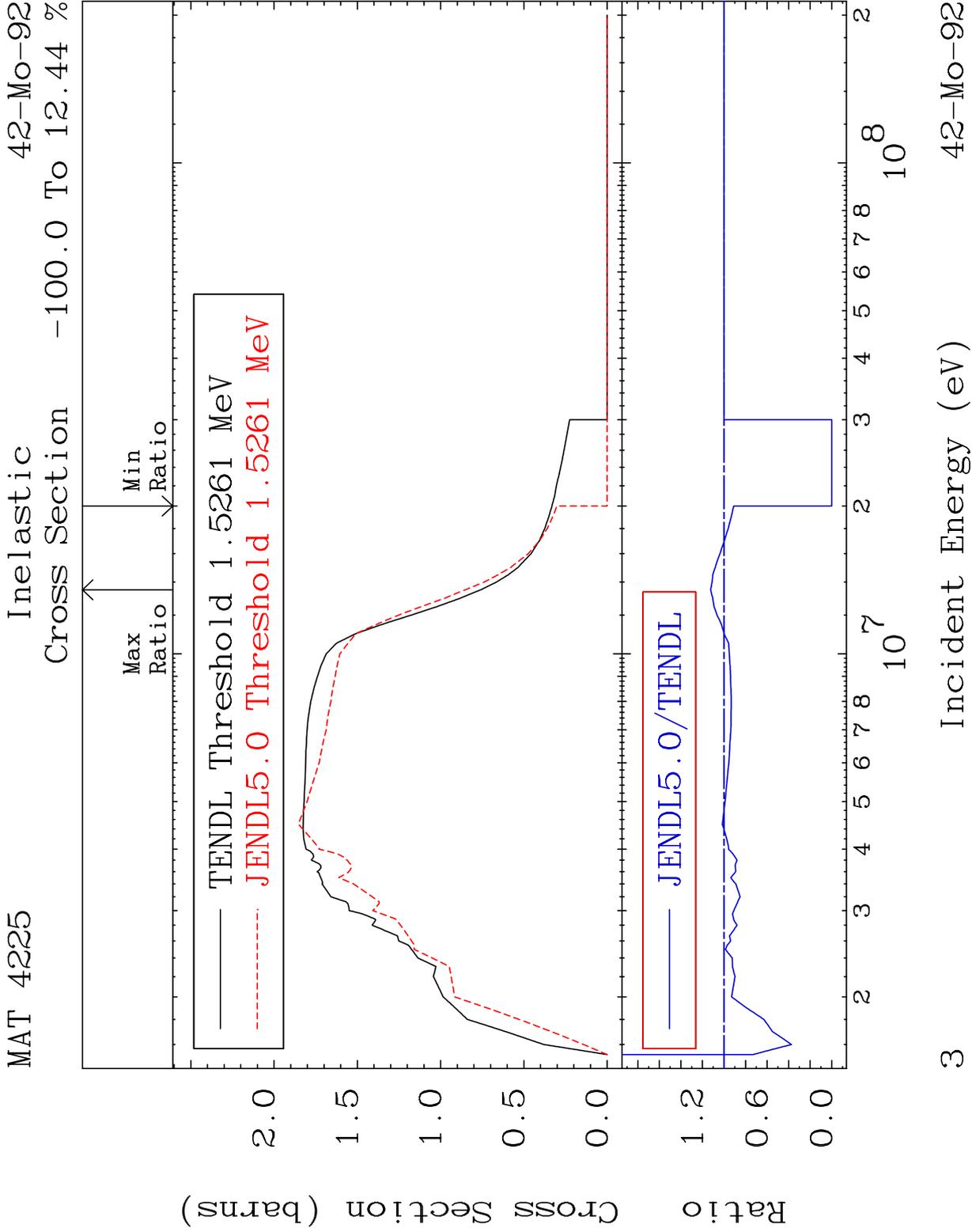
Cross Section -99.80 To 2619. %



2

Incident Energy (eV)

42-Mo-92

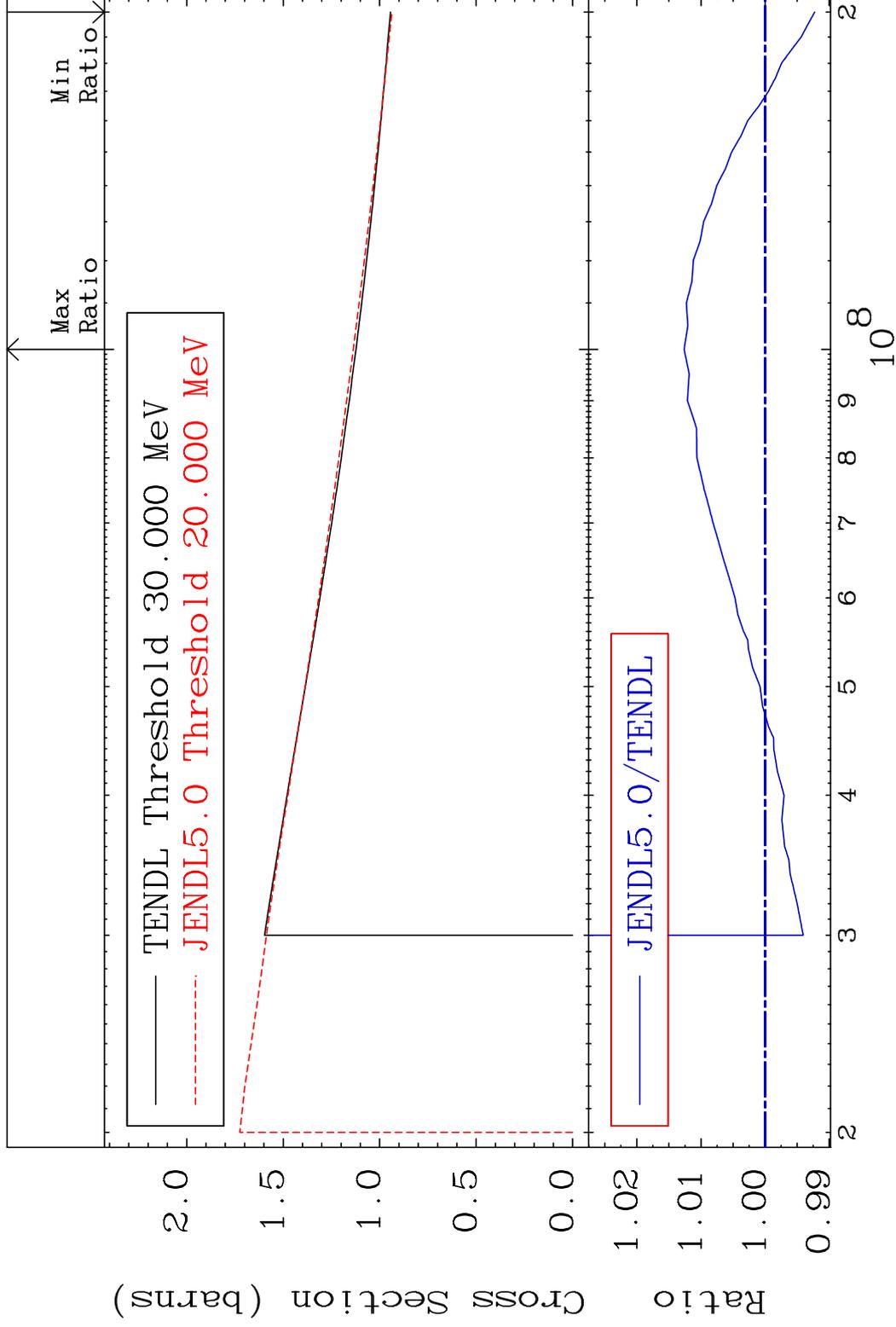


MAT 4225

(n, remainder)

42-Mo-92

Cross Section -0.773 To 1.263 %

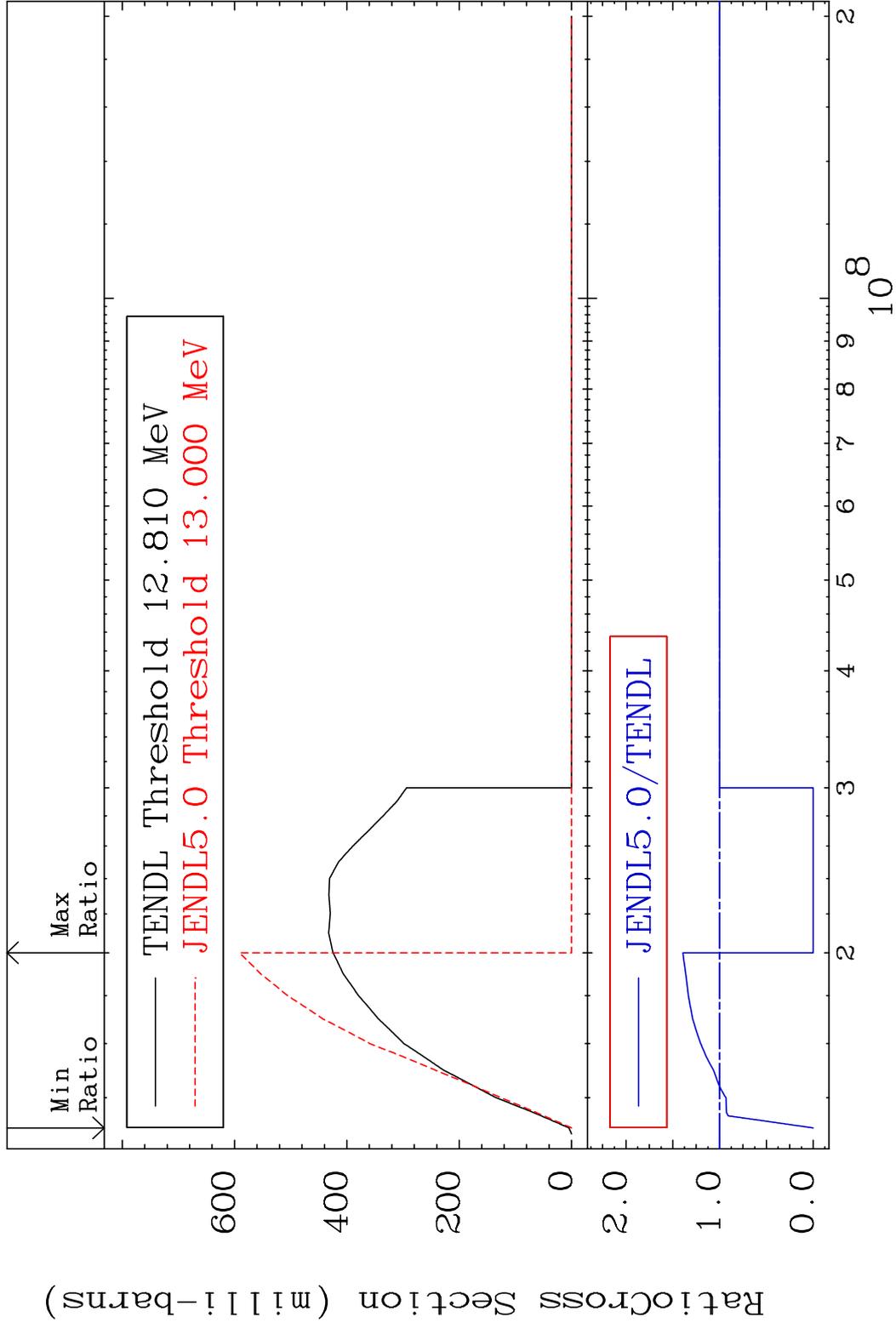


4

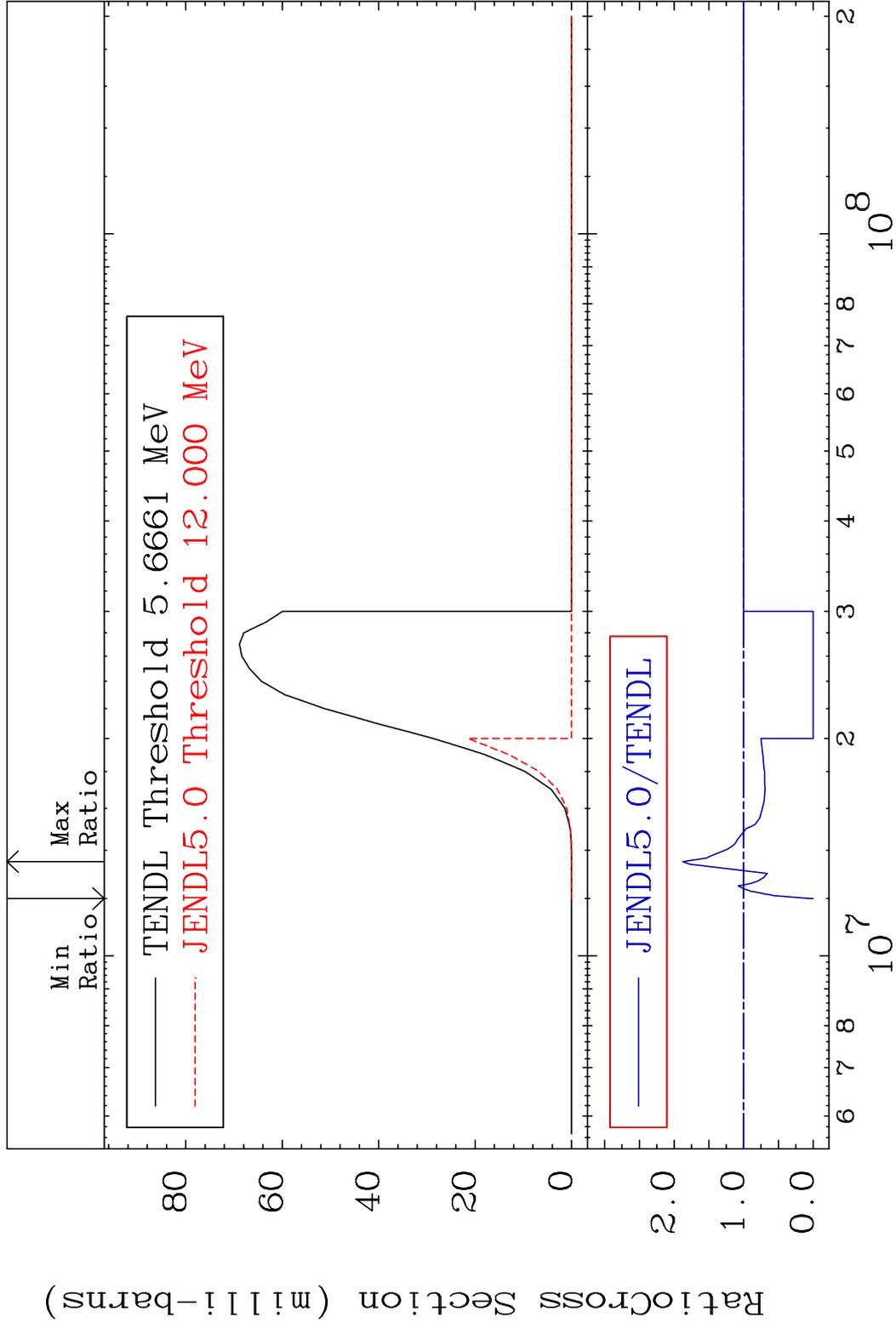
Incident Energy (eV)

42-Mo-92

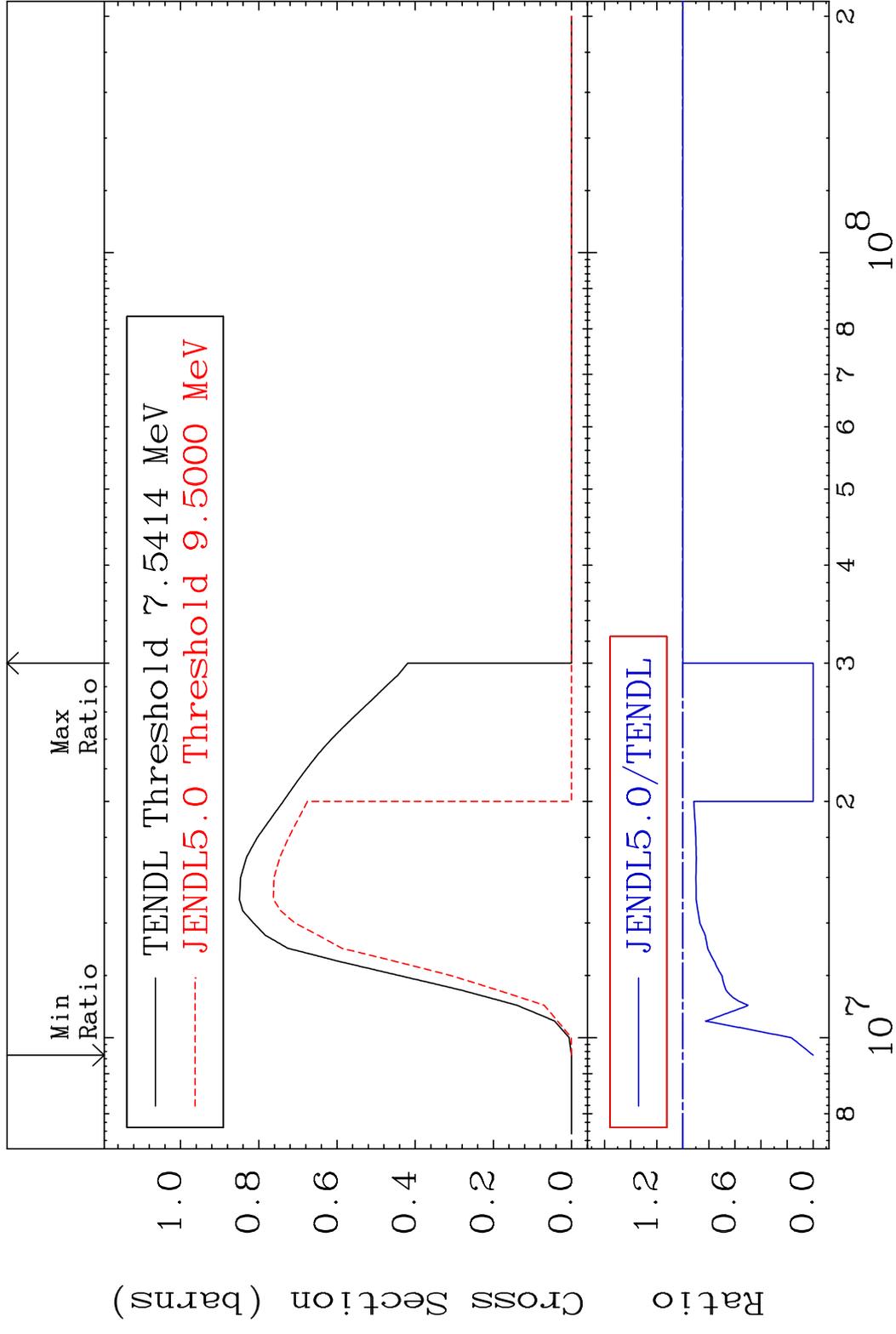
MAT 4225 (n,2n) 42-Mo-92
 Cross Section -100.0 To 39.27 %



MAT 4225 (n, n') α 42-Mo-92
 Cross Section -100.0 To 87.50 %

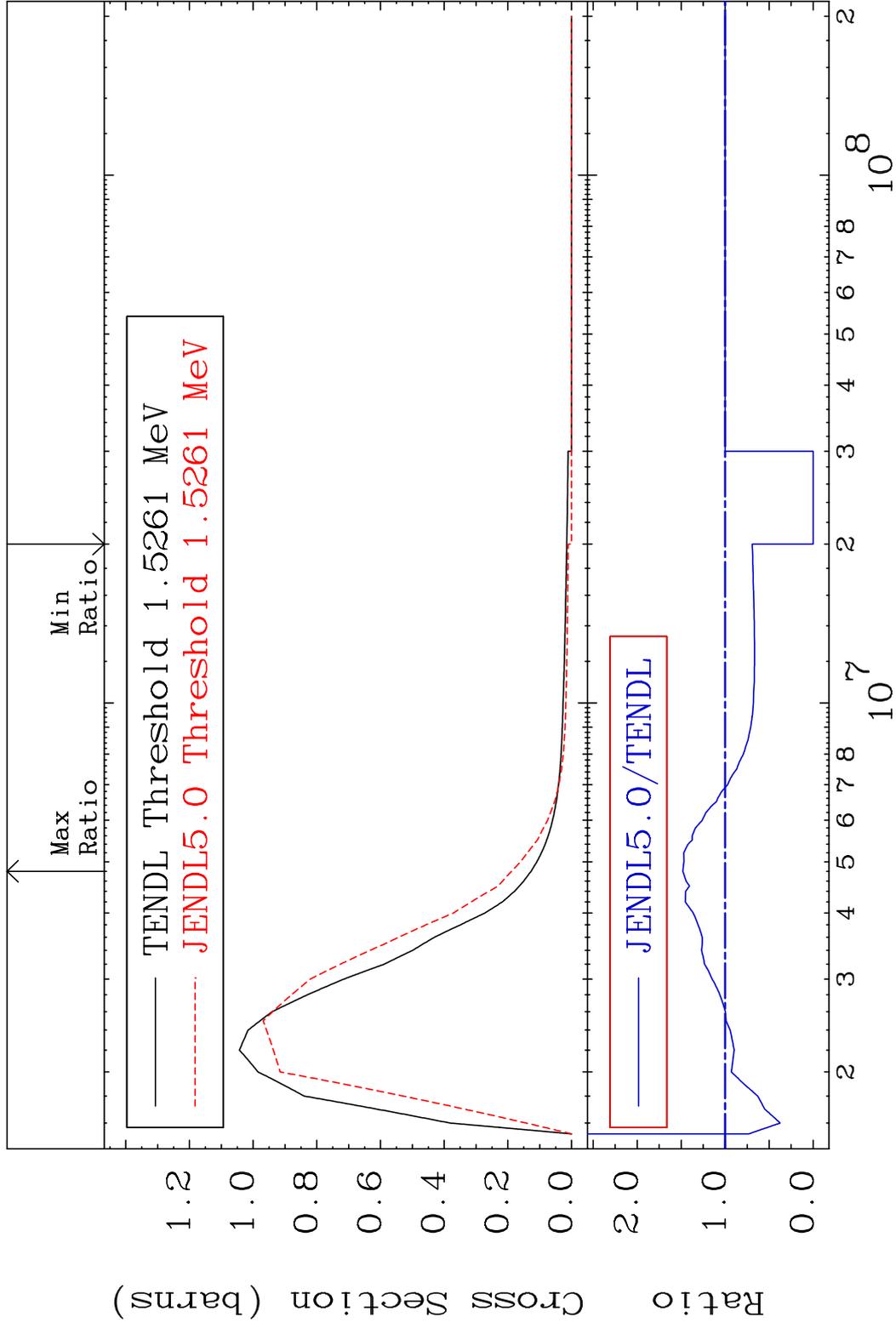


MAT 4225 (n, n') p 42-Mo-92
 Cross Section -100.0 To 0.000 %

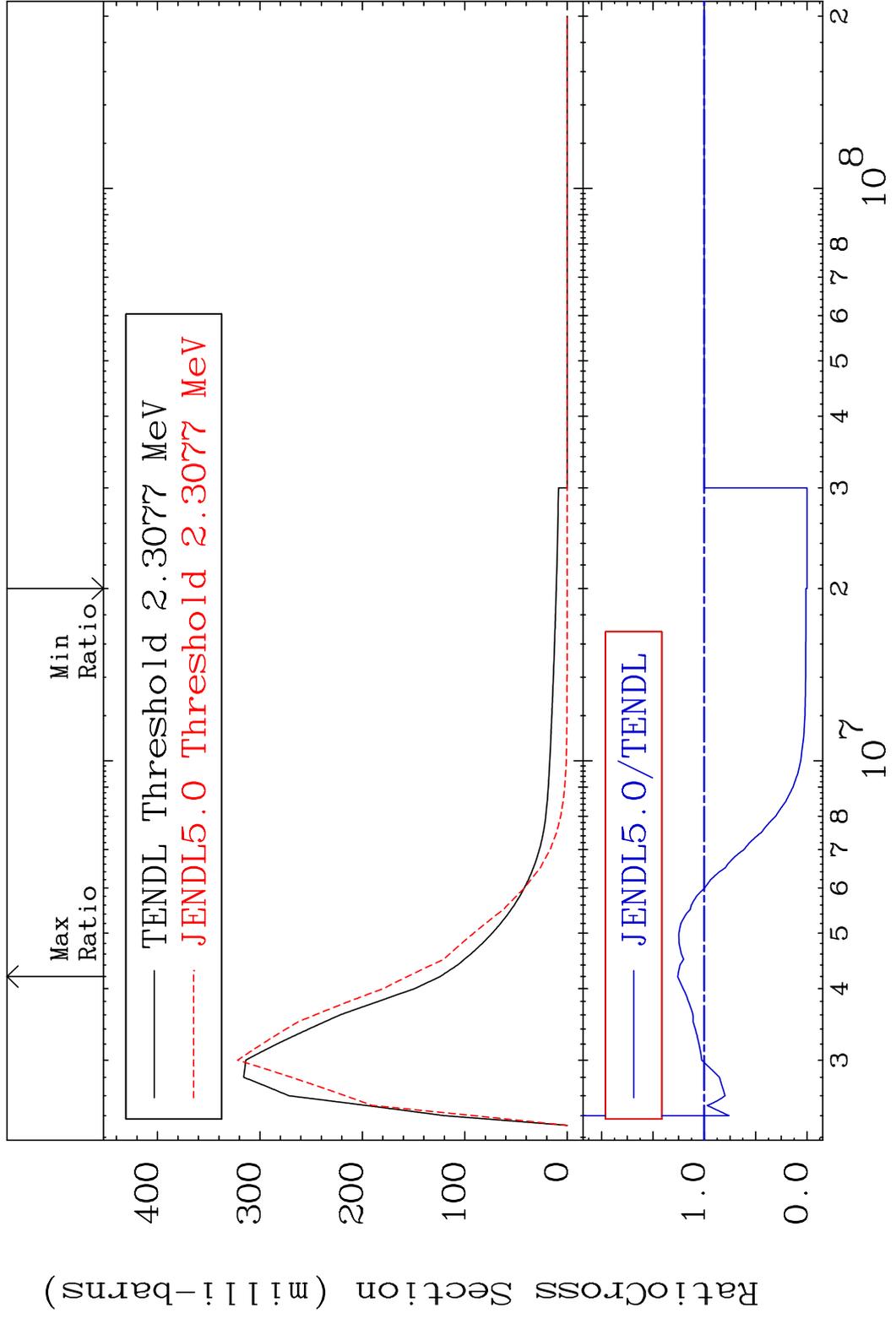


7 Incident Energy (eV) 42-Mo-92

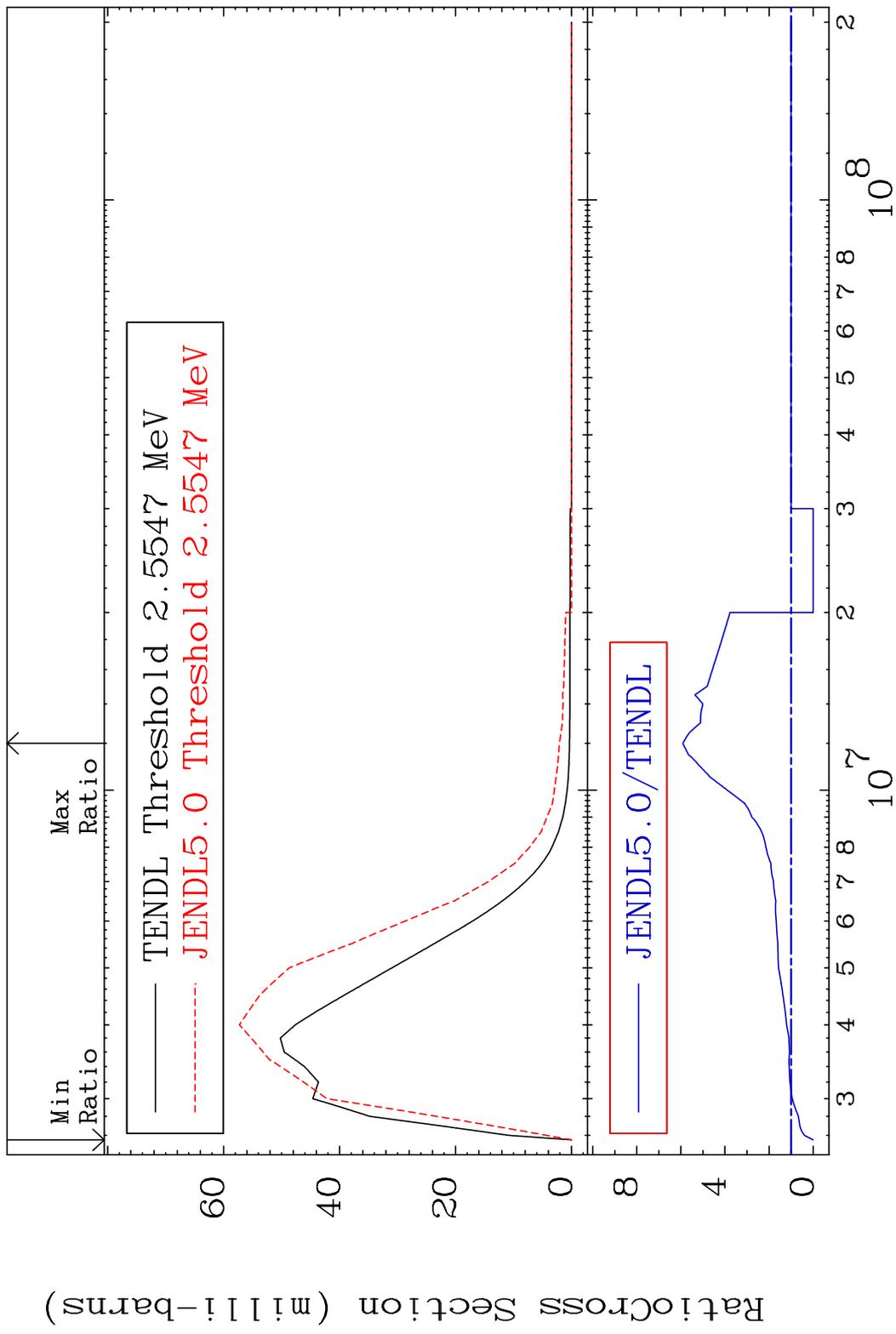
MAT 4225 MT= 51 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 48.11 %



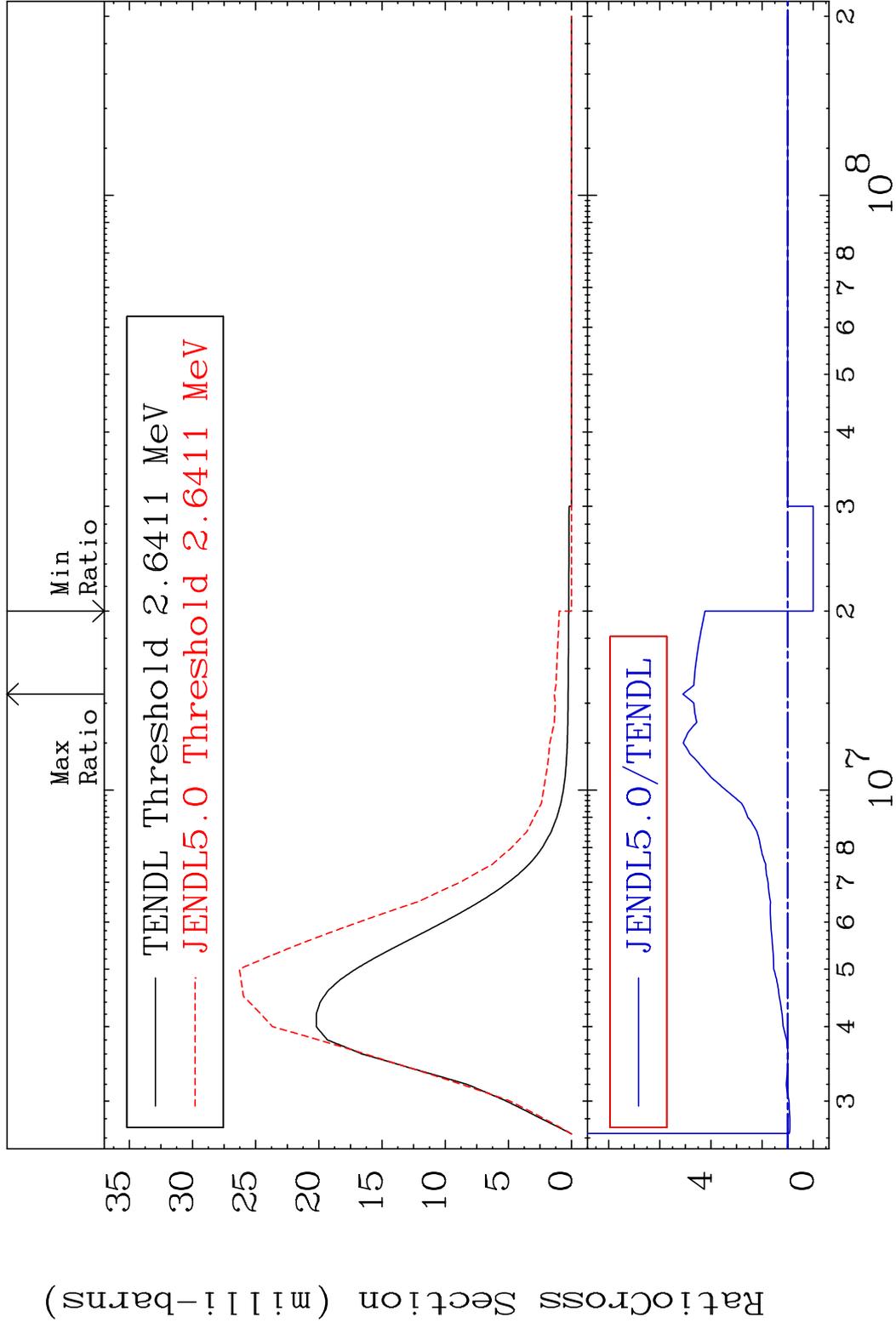
MAT 4225 MT= 52 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 25.93 %



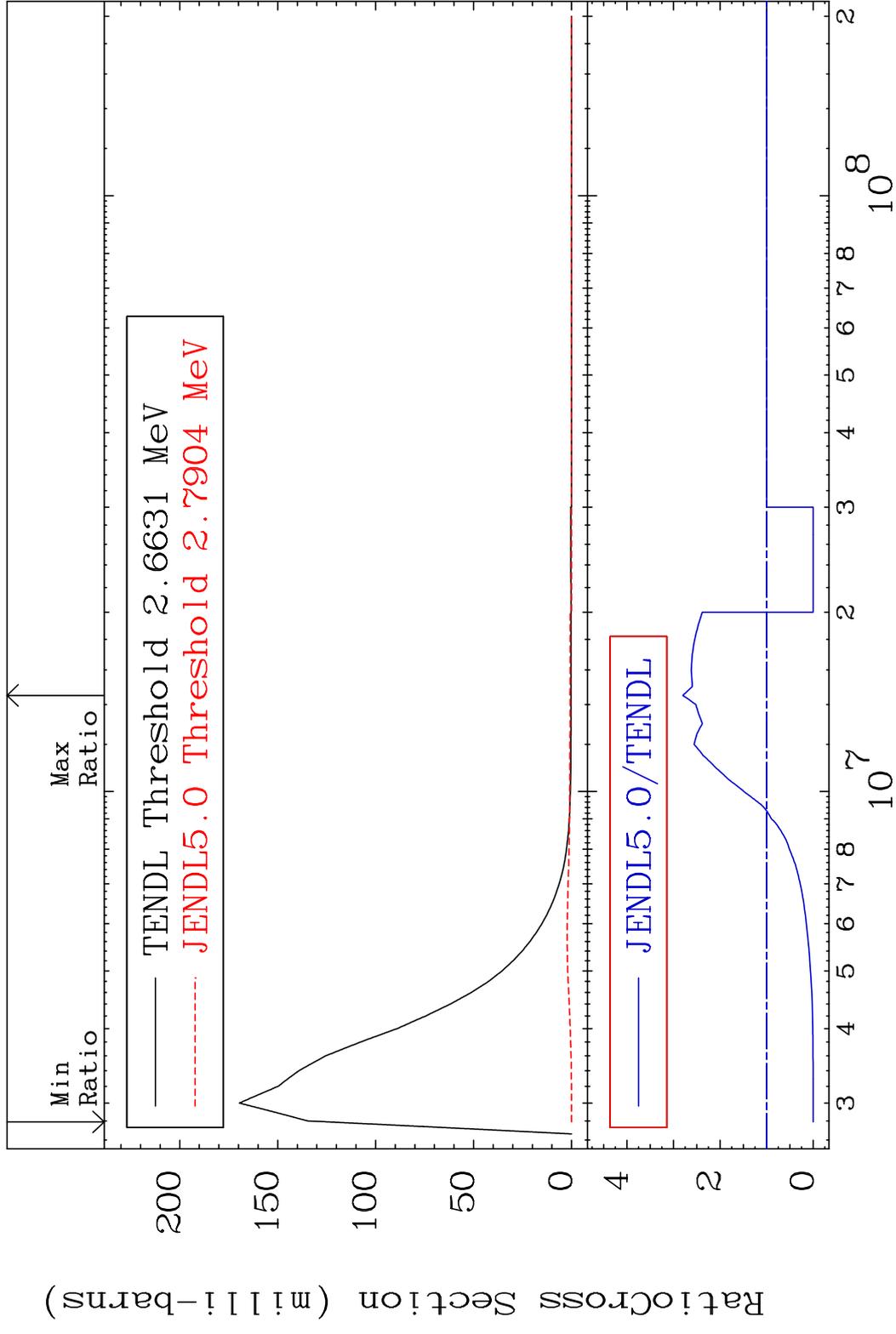
MAT 4225 MT= 54 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 491.1 %



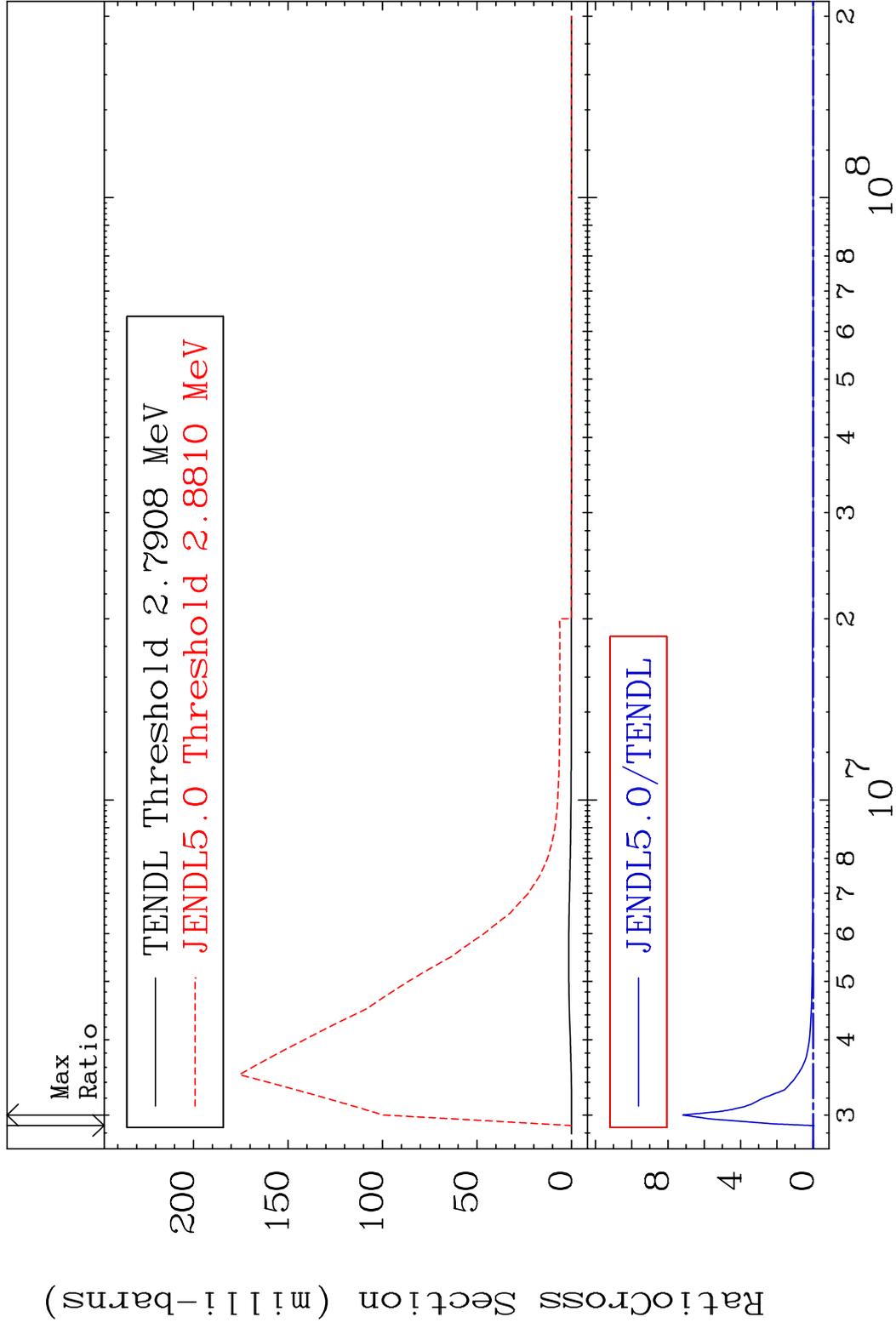
MAT 4225 MT= 55 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 409.6 %



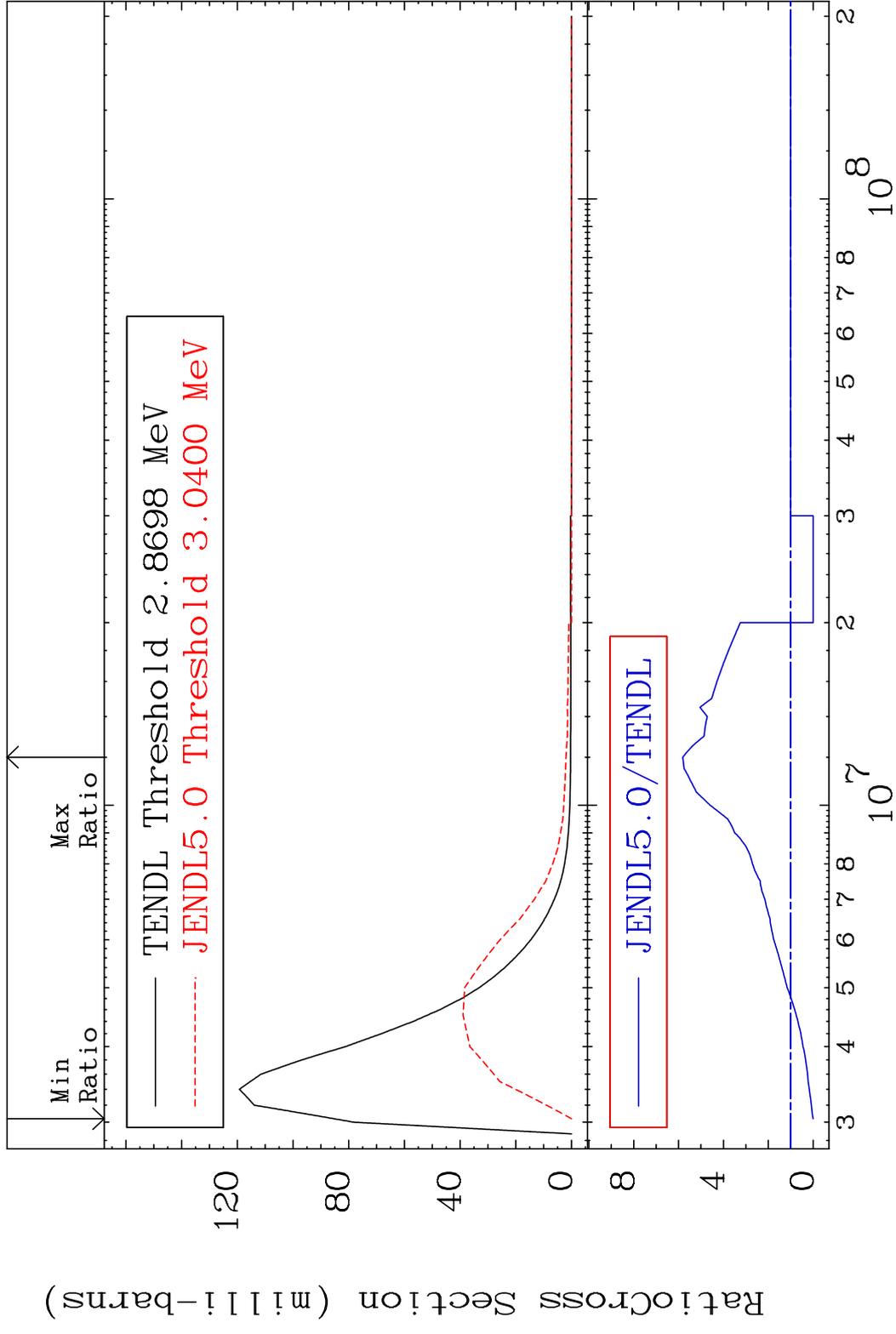
MAT 4225 MT= 56 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 179.9 %



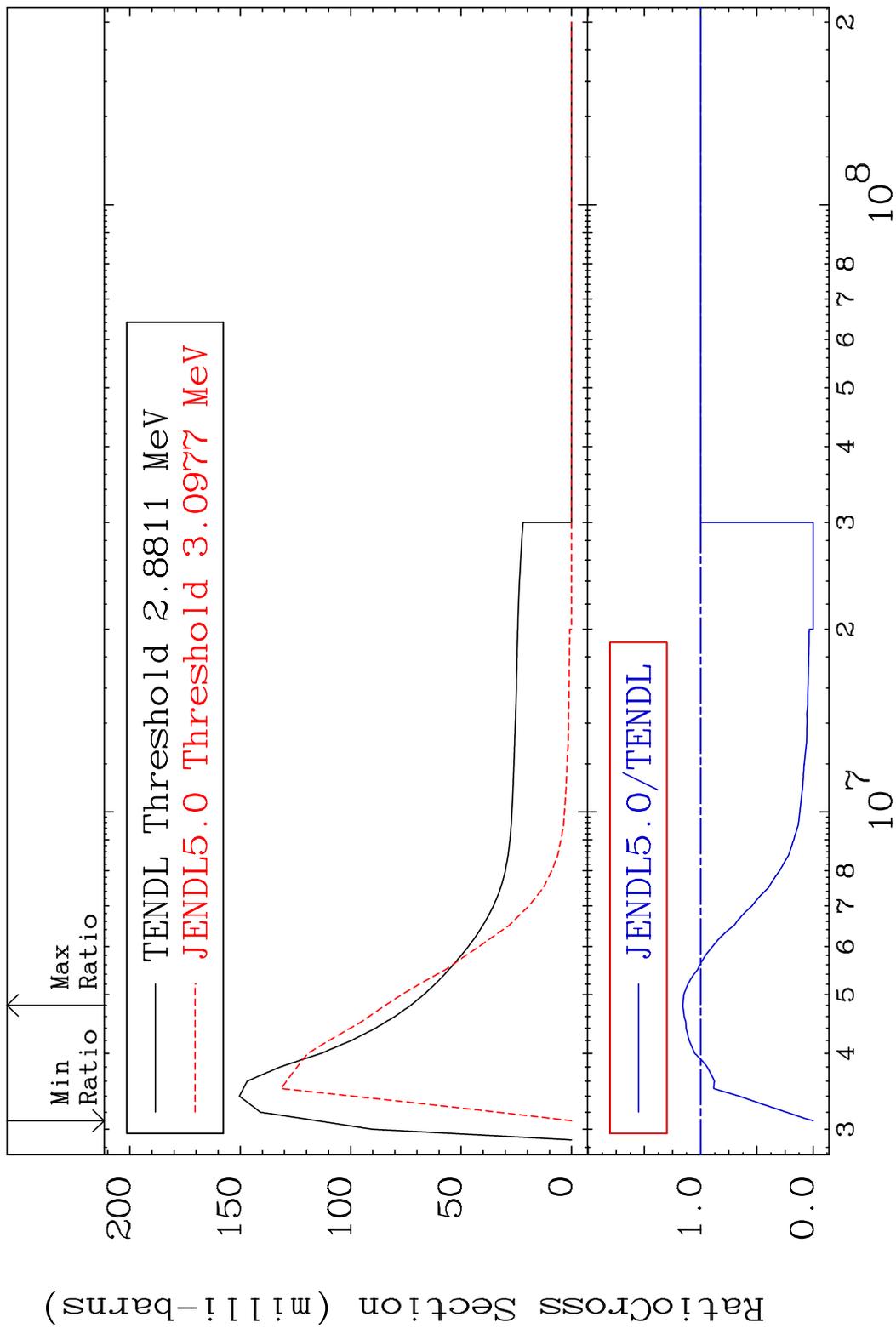
MAT 4225 MT= 57 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



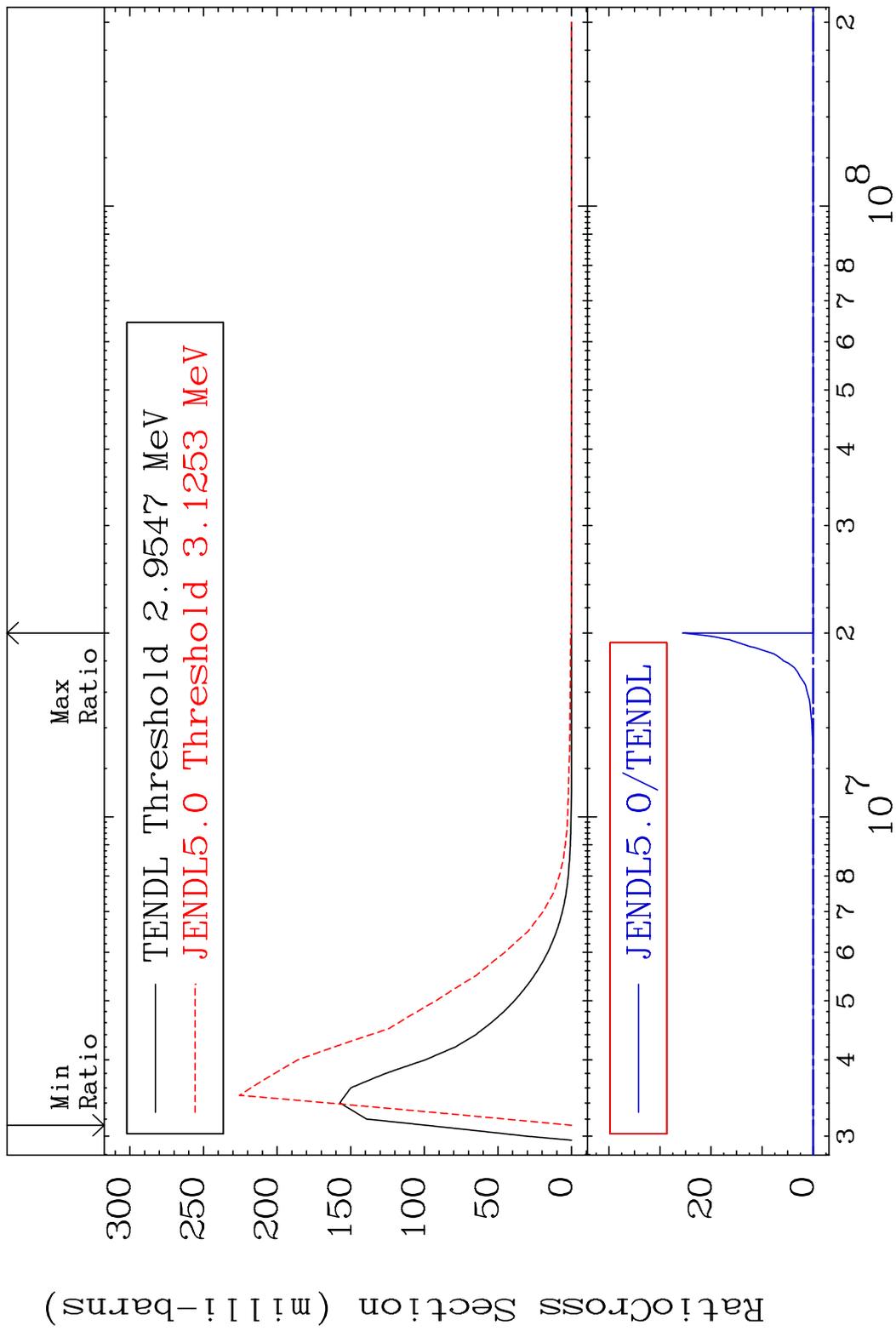
MAT 4225 MT= 58 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 480.9 %



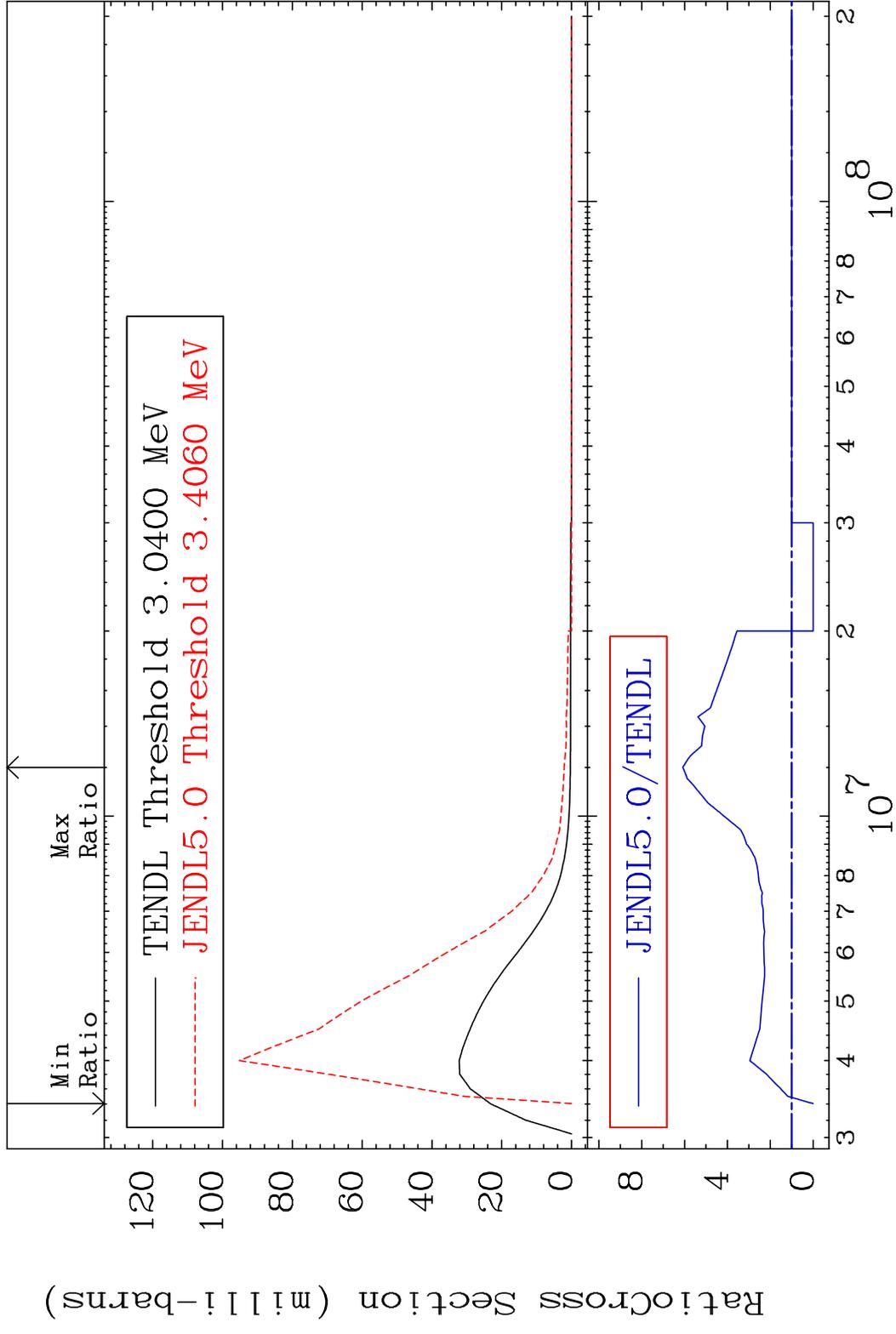
MAT 4225 MT= 59 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 15.84 %



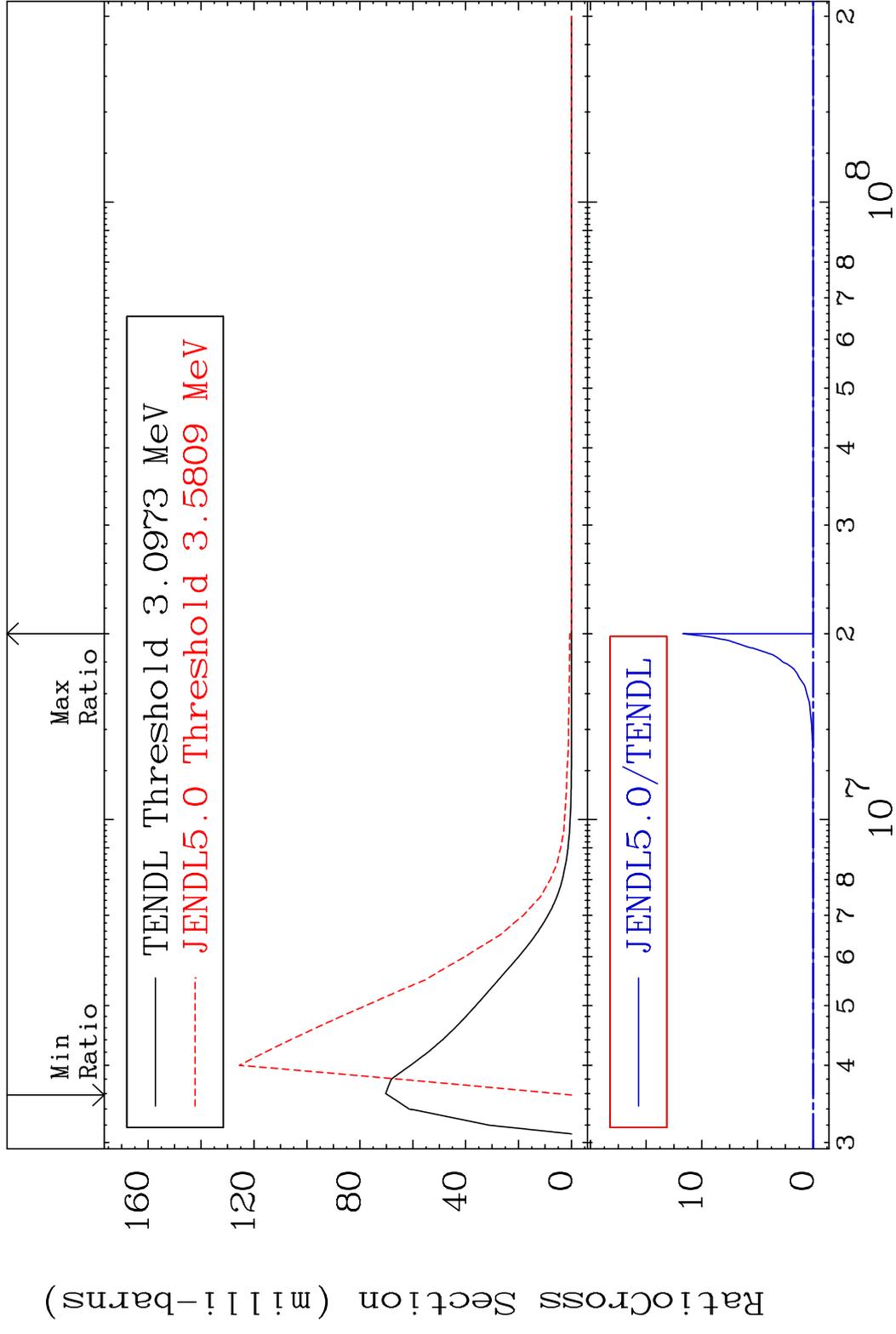
MAT 4225 MT= 60 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



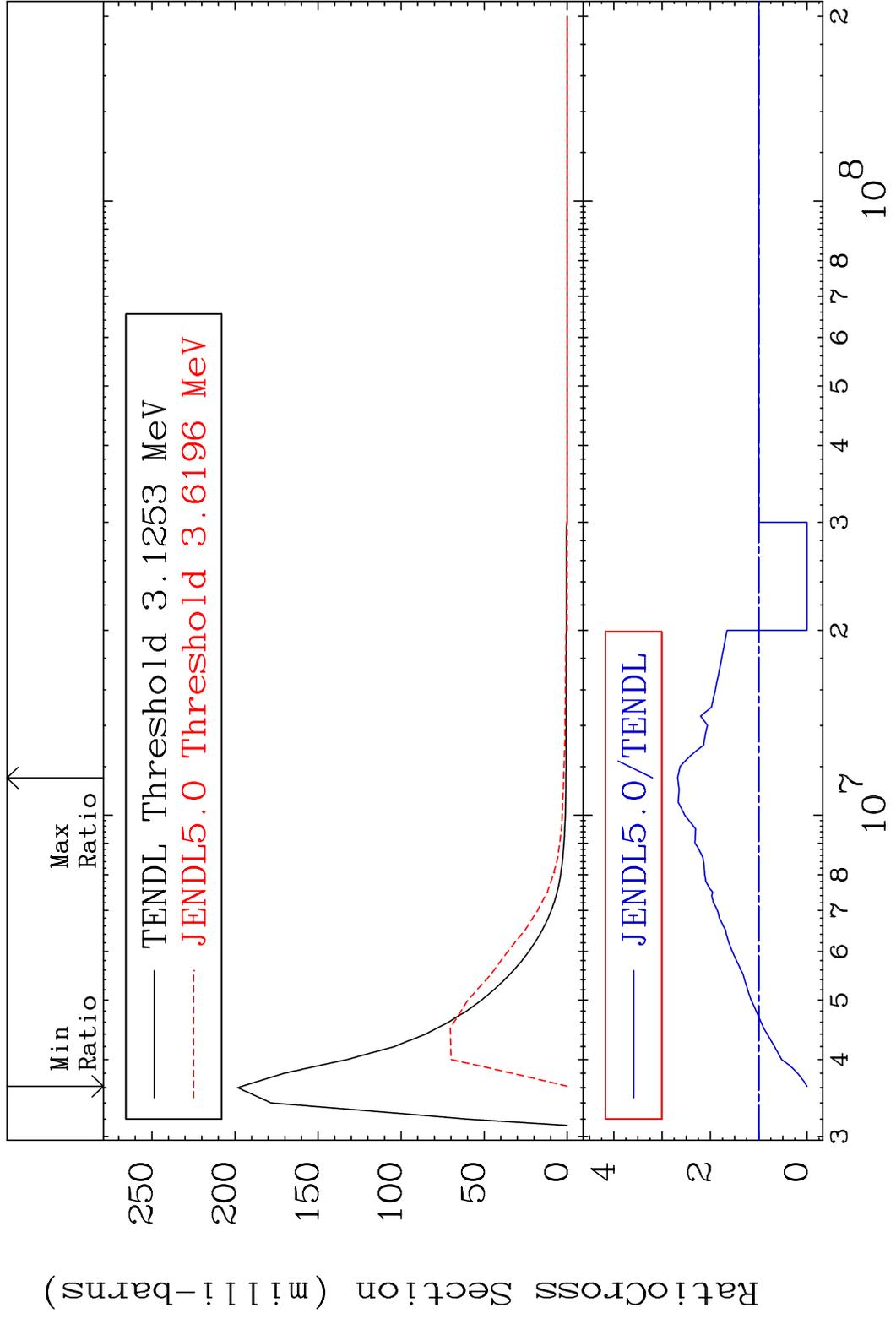
MAT 4225 MT= 61 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 508.2 %



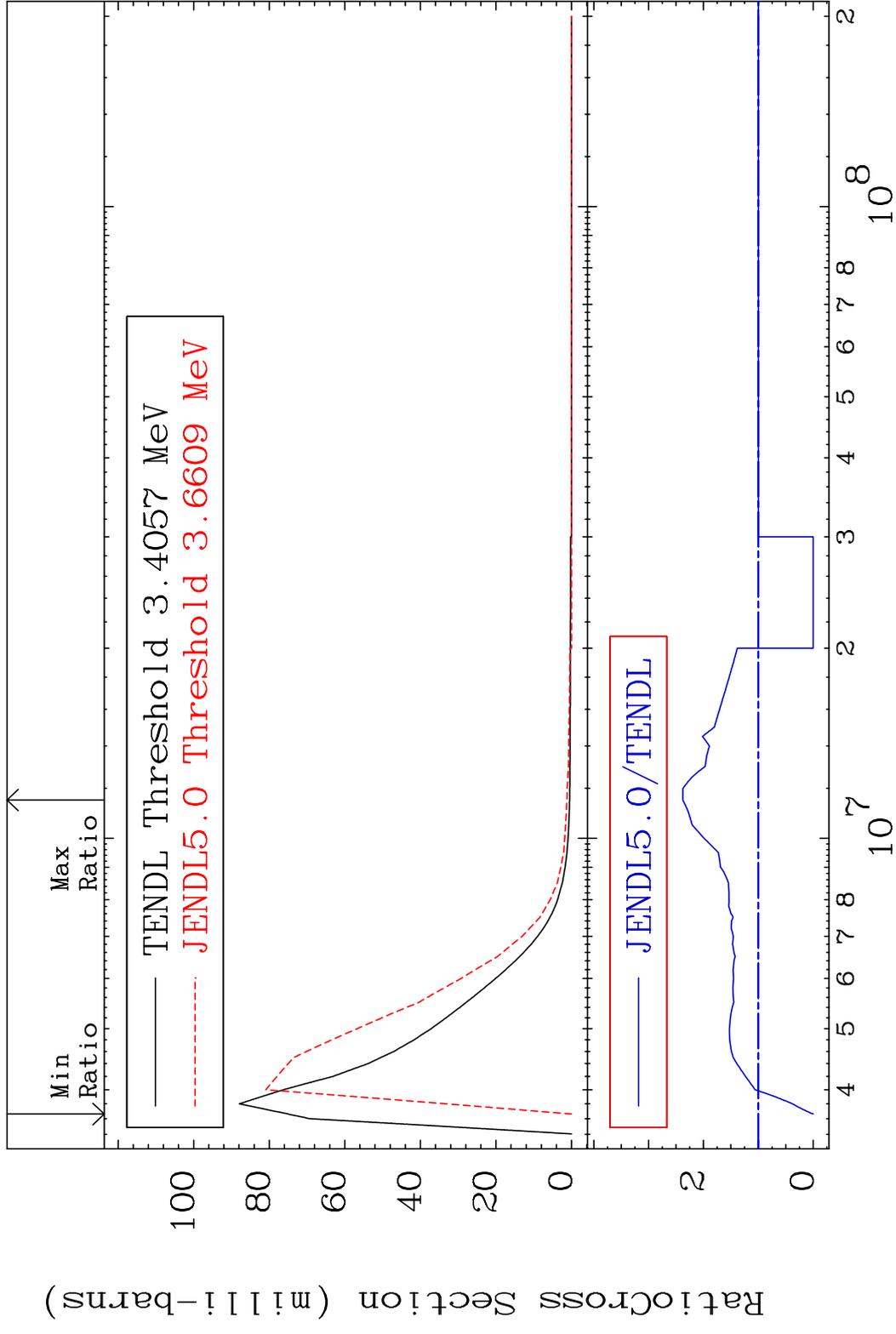
MAT 4225 MT= 62 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



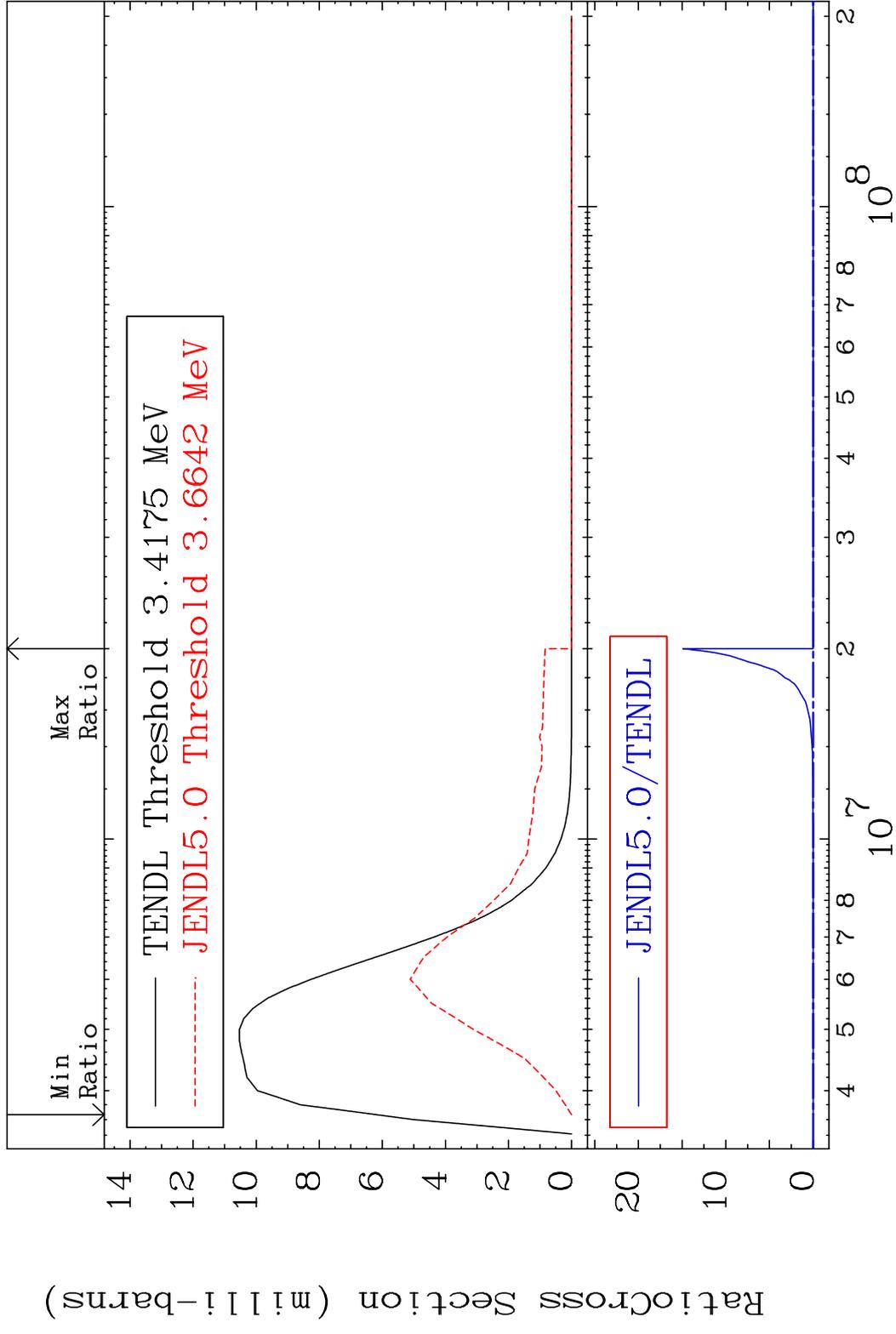
MAT 4225 MT= 63 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 167.7 %



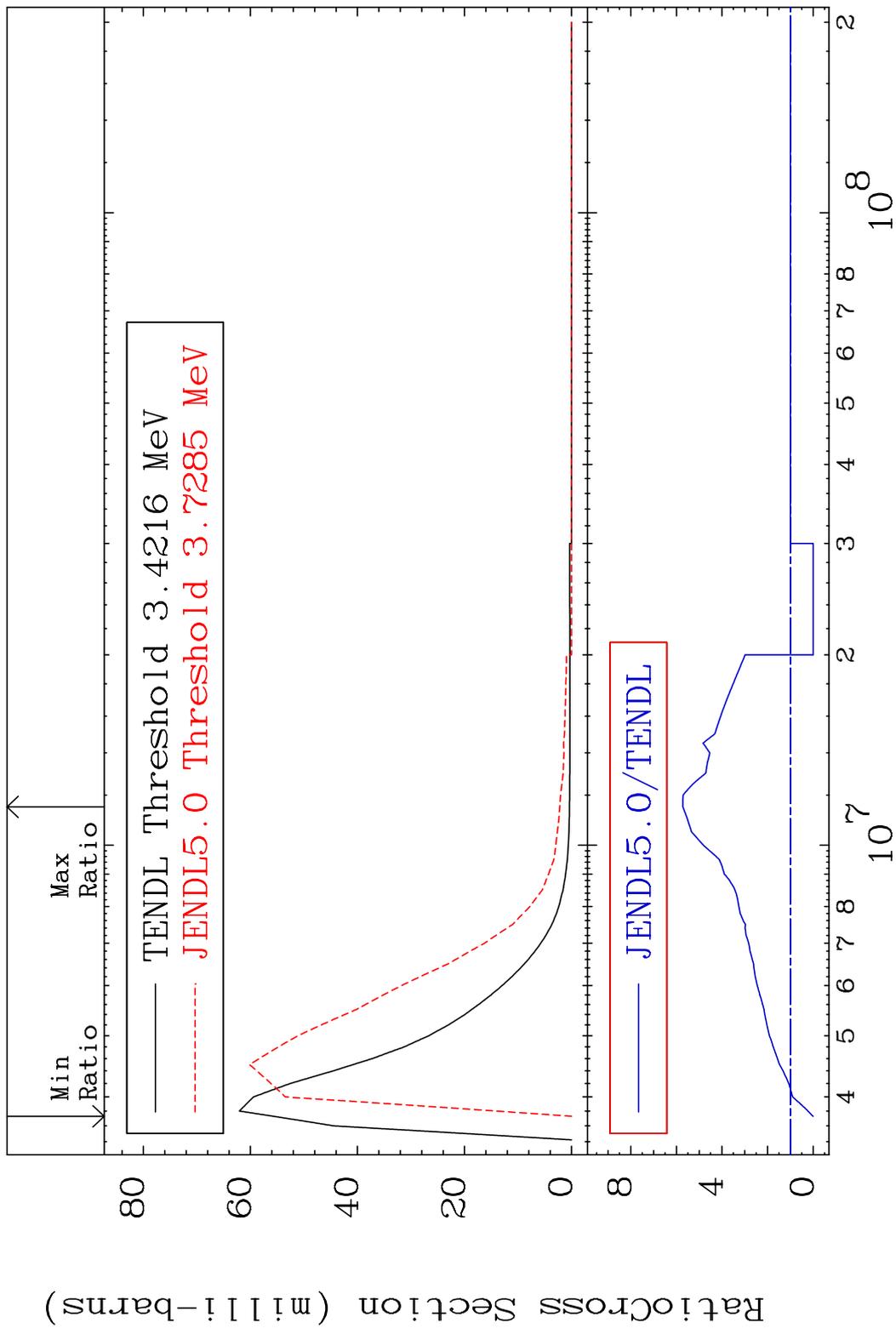
MAT 4225 MT= 64 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 137.6 %



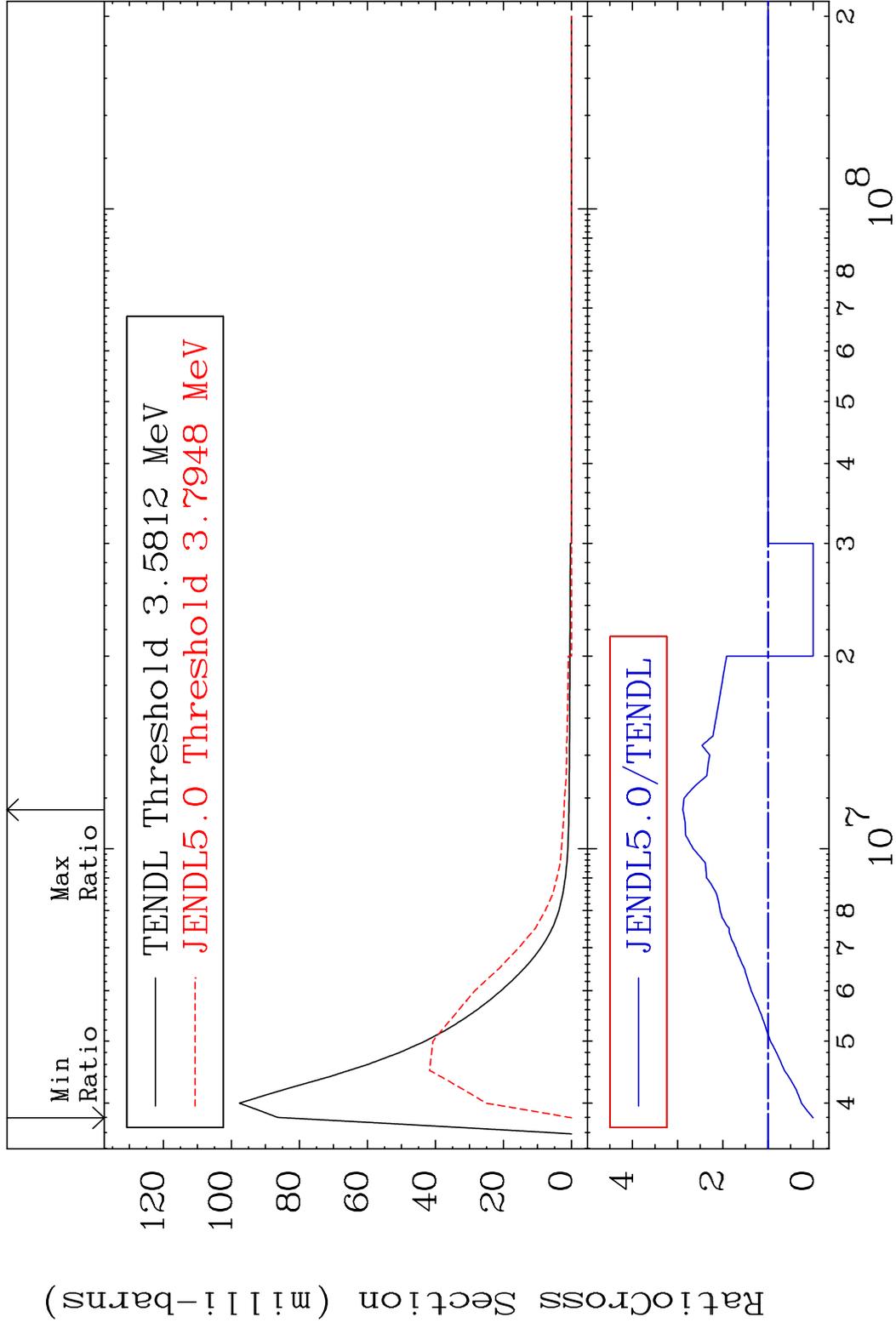
MAT 4225 MT= 65 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



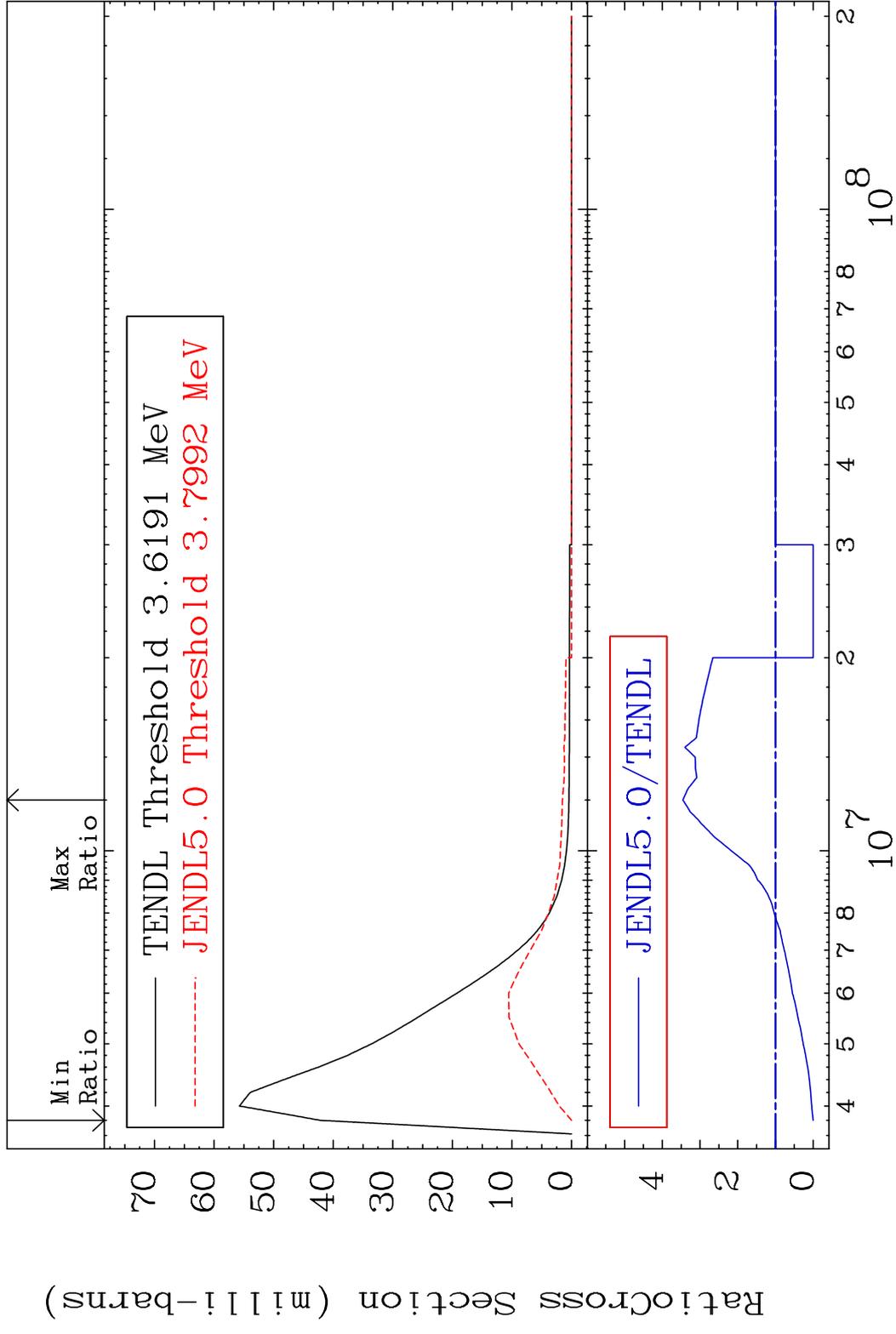
MAT 4225 MT= 66 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 471.8 %



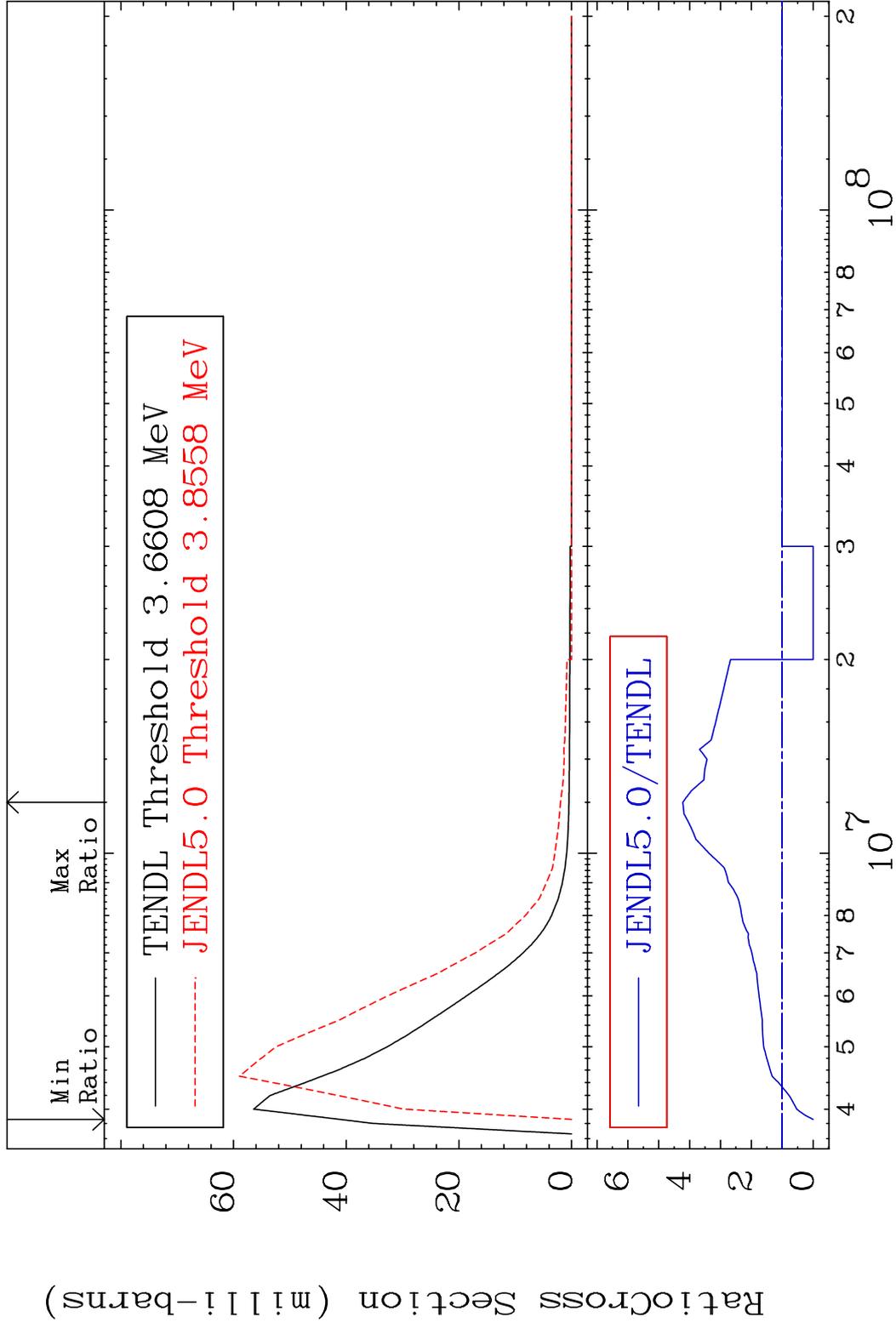
MAT 4225 MT= 67 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 188.6 %



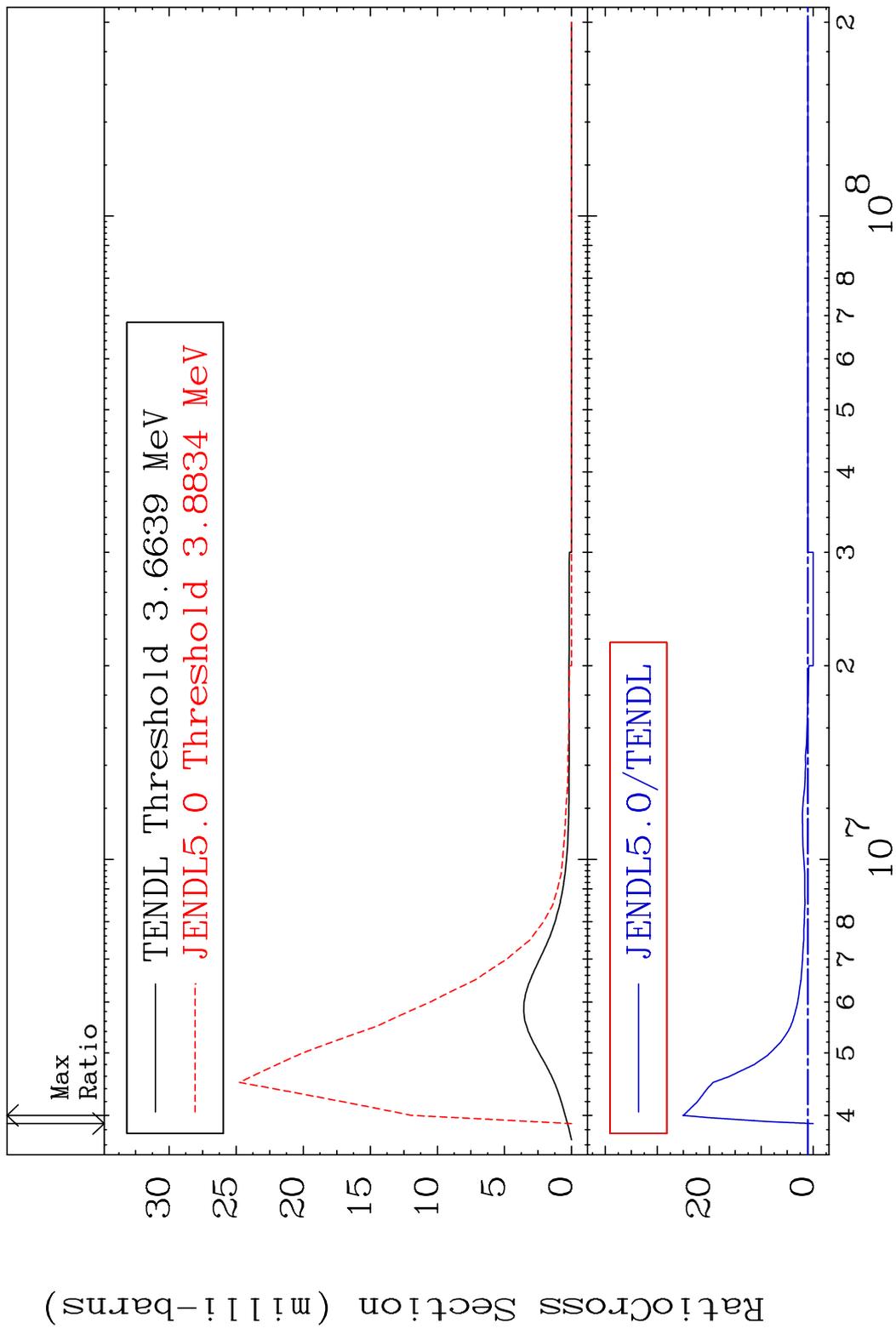
MAT 4225 MT= 68 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 245.6 %



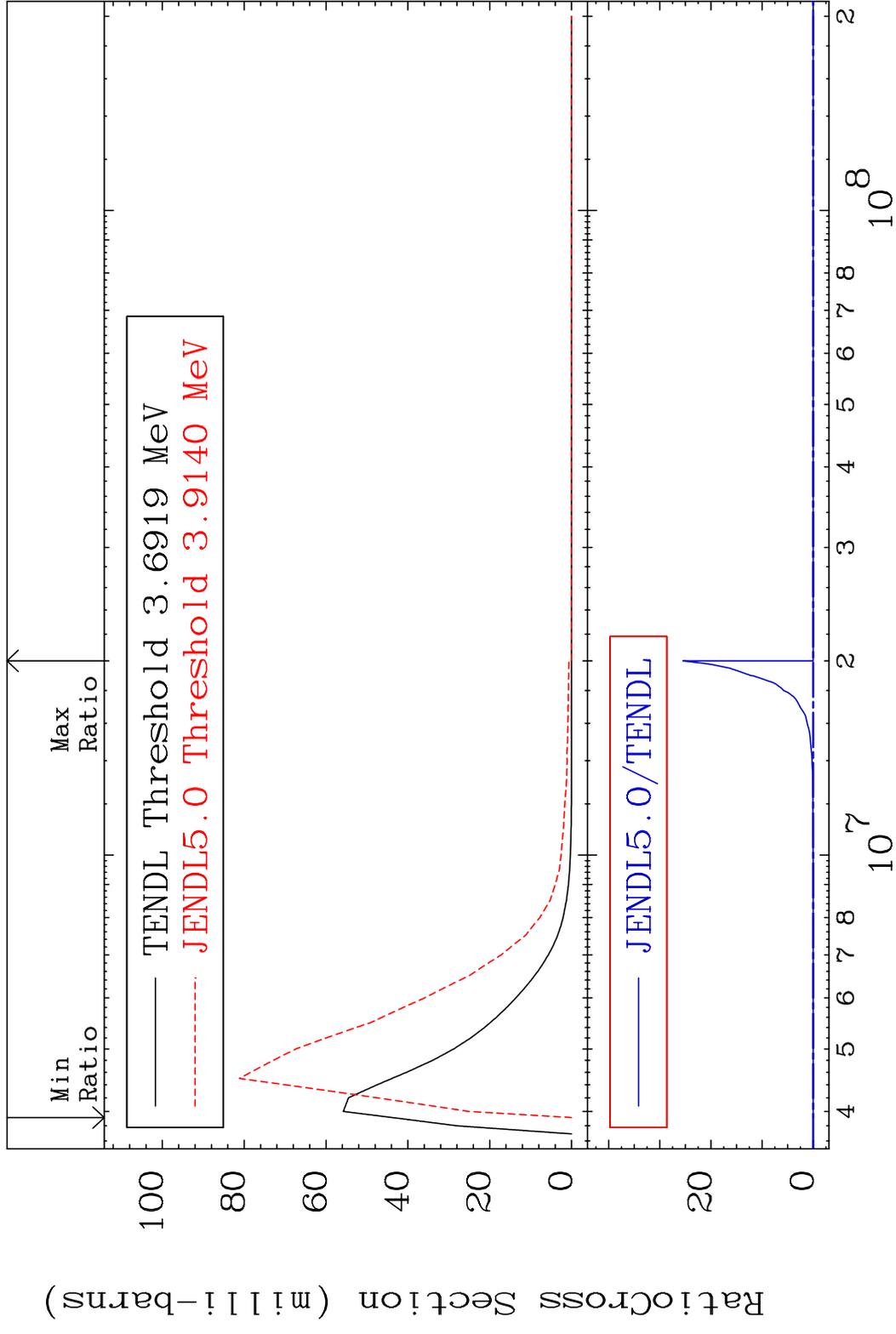
MAT 4225 MT= 69 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 321.9 %



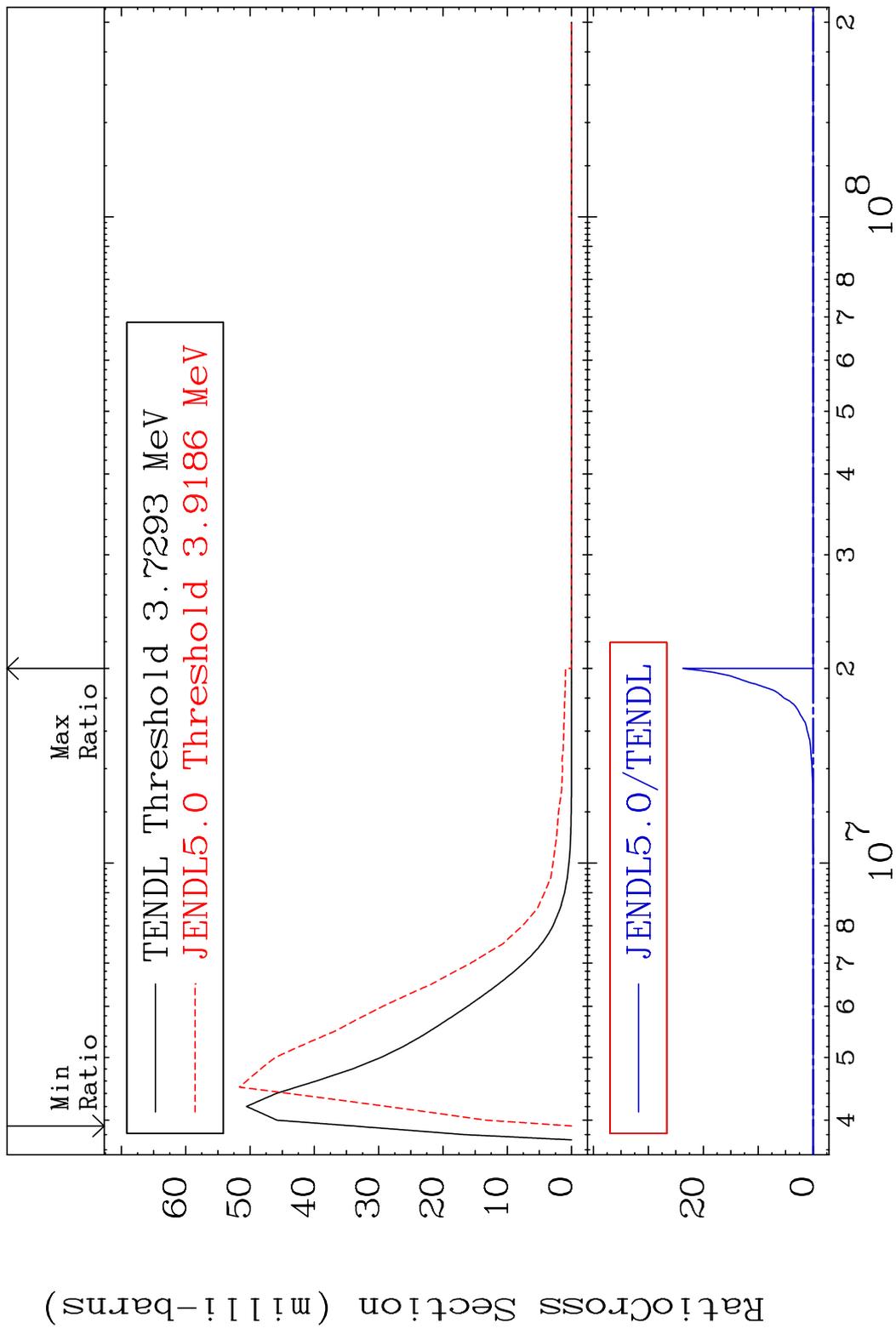
MAT 4225 MT= 70 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 2409. %



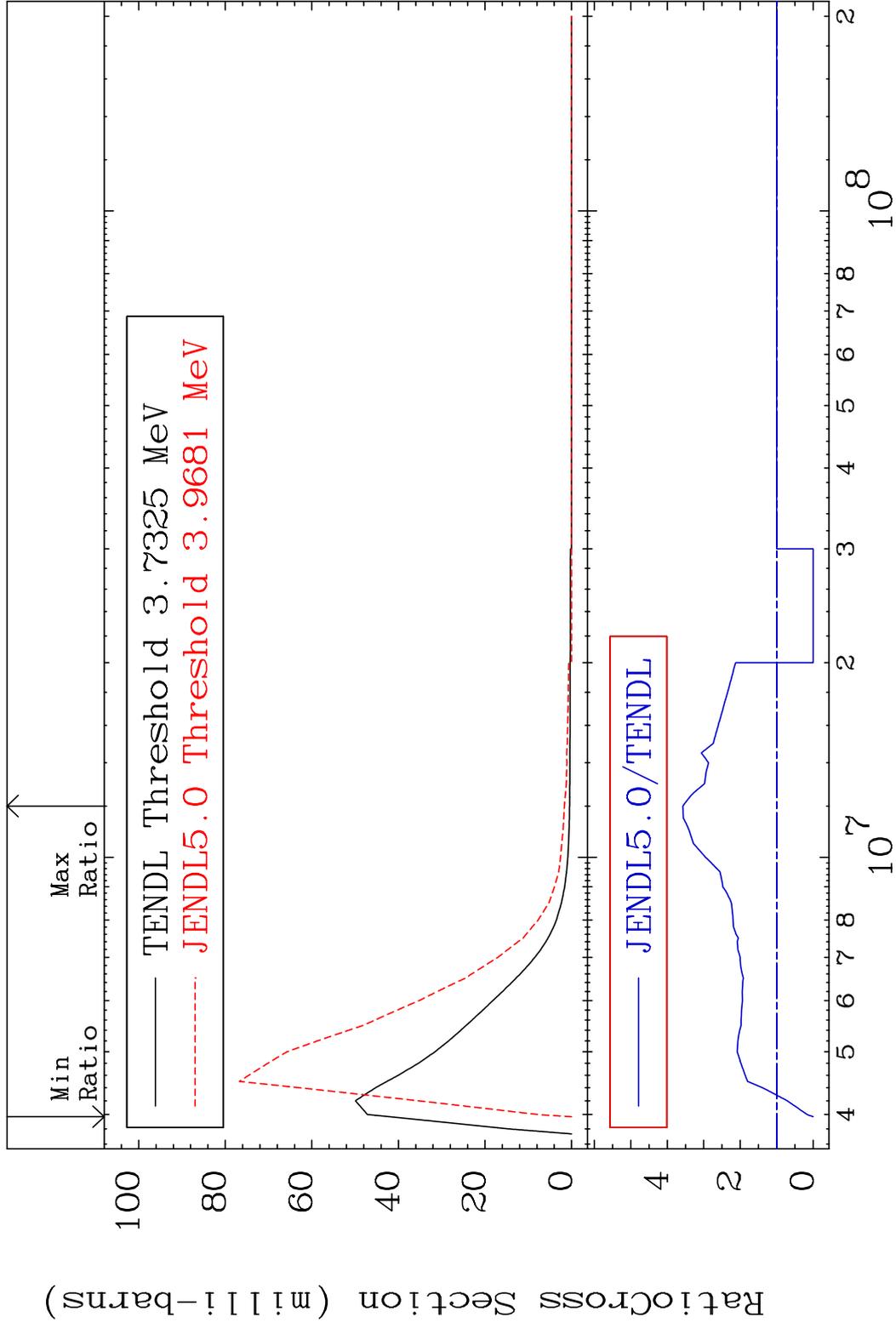
MAT 4225 MT= 71 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 9999. %



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

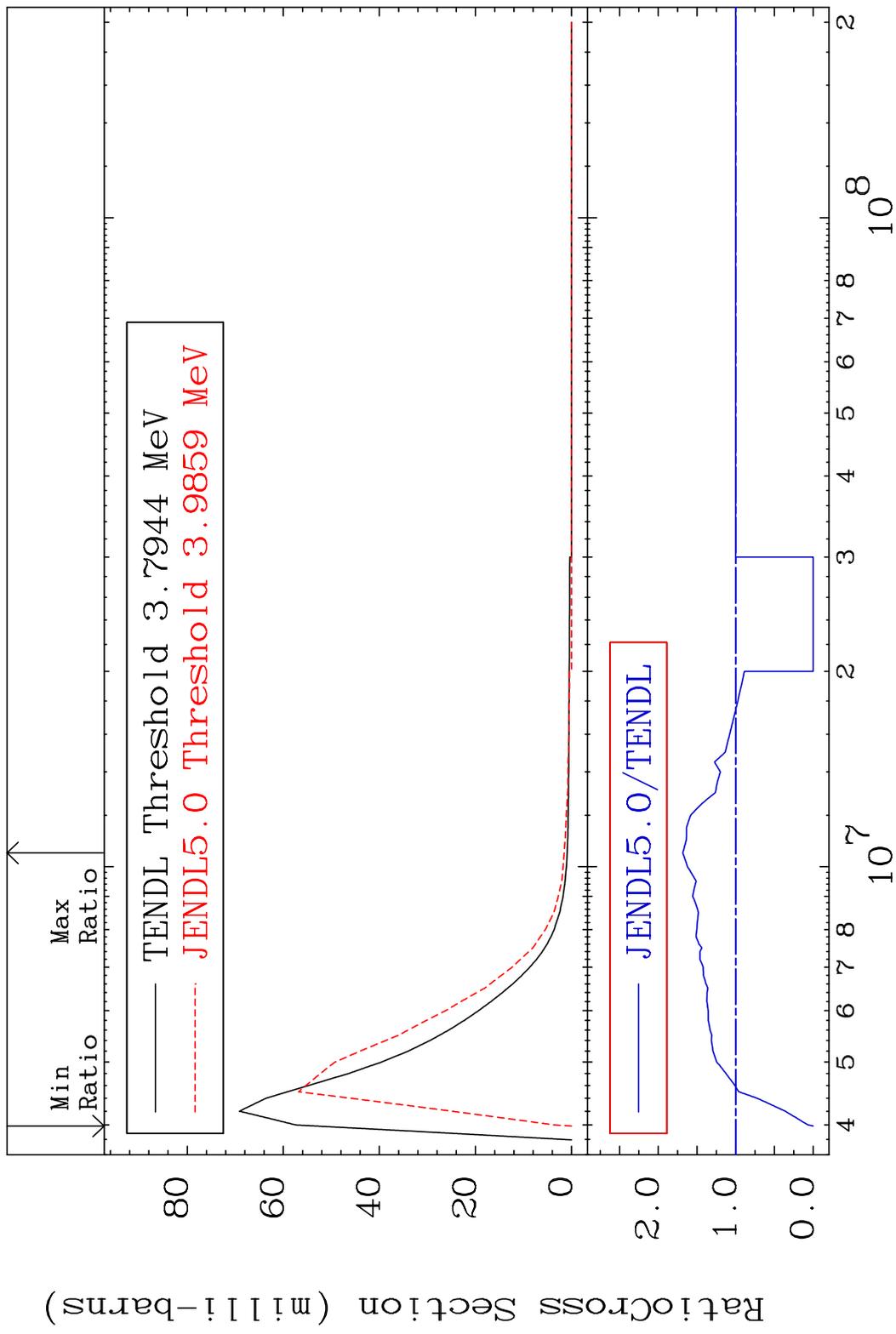


MAT 4225 MT= 73 (n, n') Level 42-Mo-92
 Cross Section -100.0 To 257.3 %

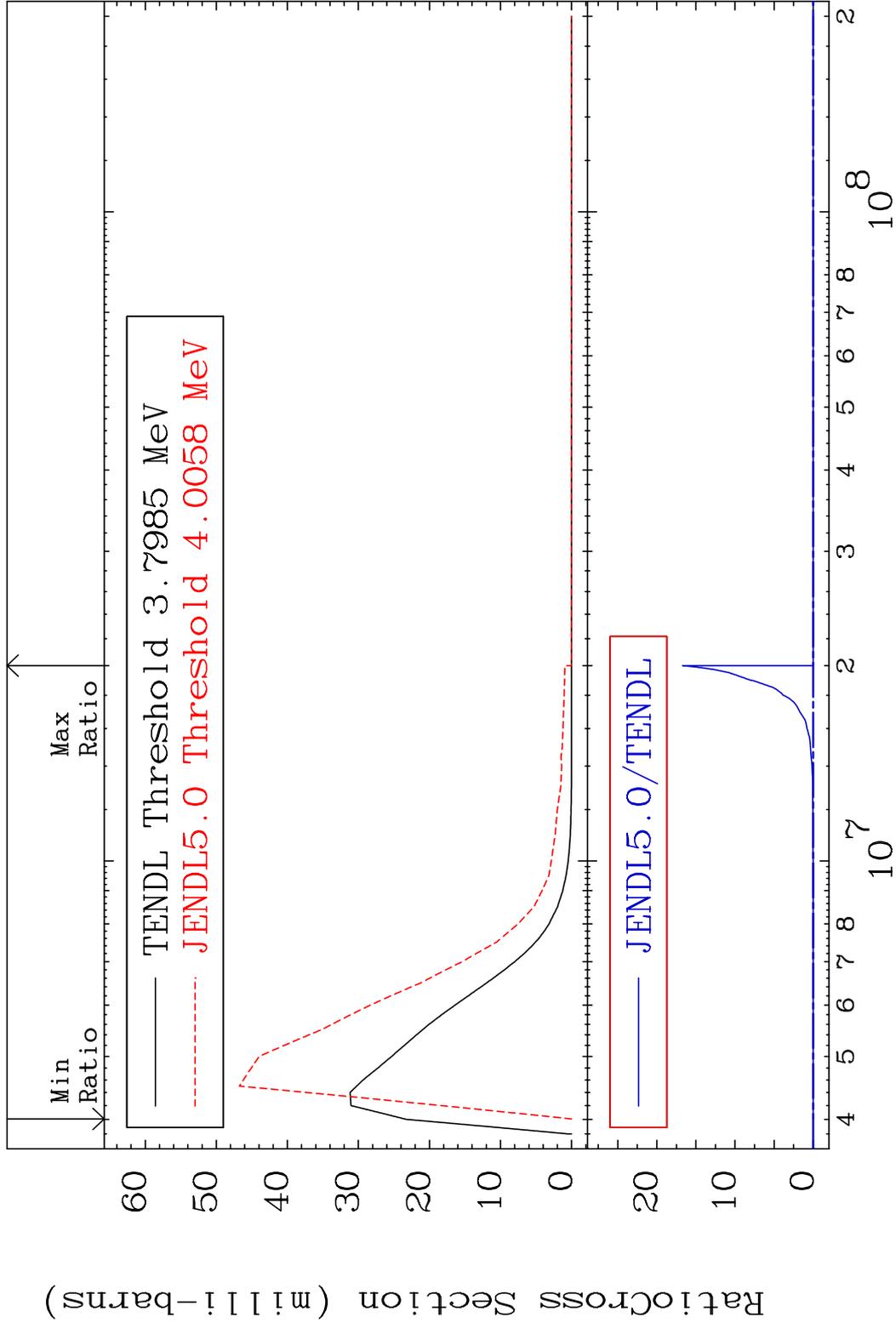


30 Incident Energy (eV) 42-Mo-92

MAT 4225 MT= 74 (n,n') Level 42-Mo-92
 Cross Section -100.0 To 68.28 %



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

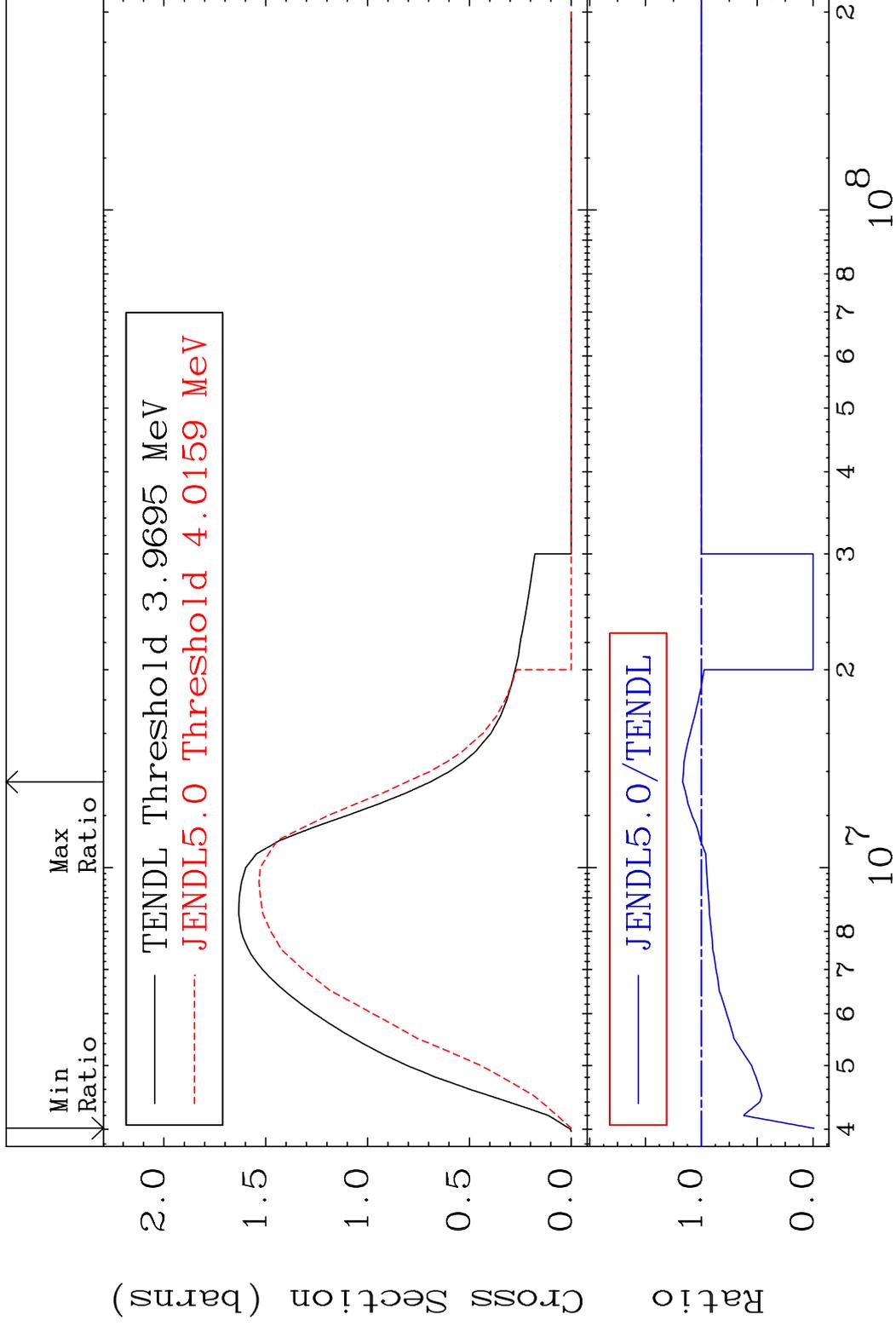


MAT 4225

(n,n') Continuum

42-Mo-92

Cross Section -100.0 To 16.76 %



33

Incident Energy (eV)

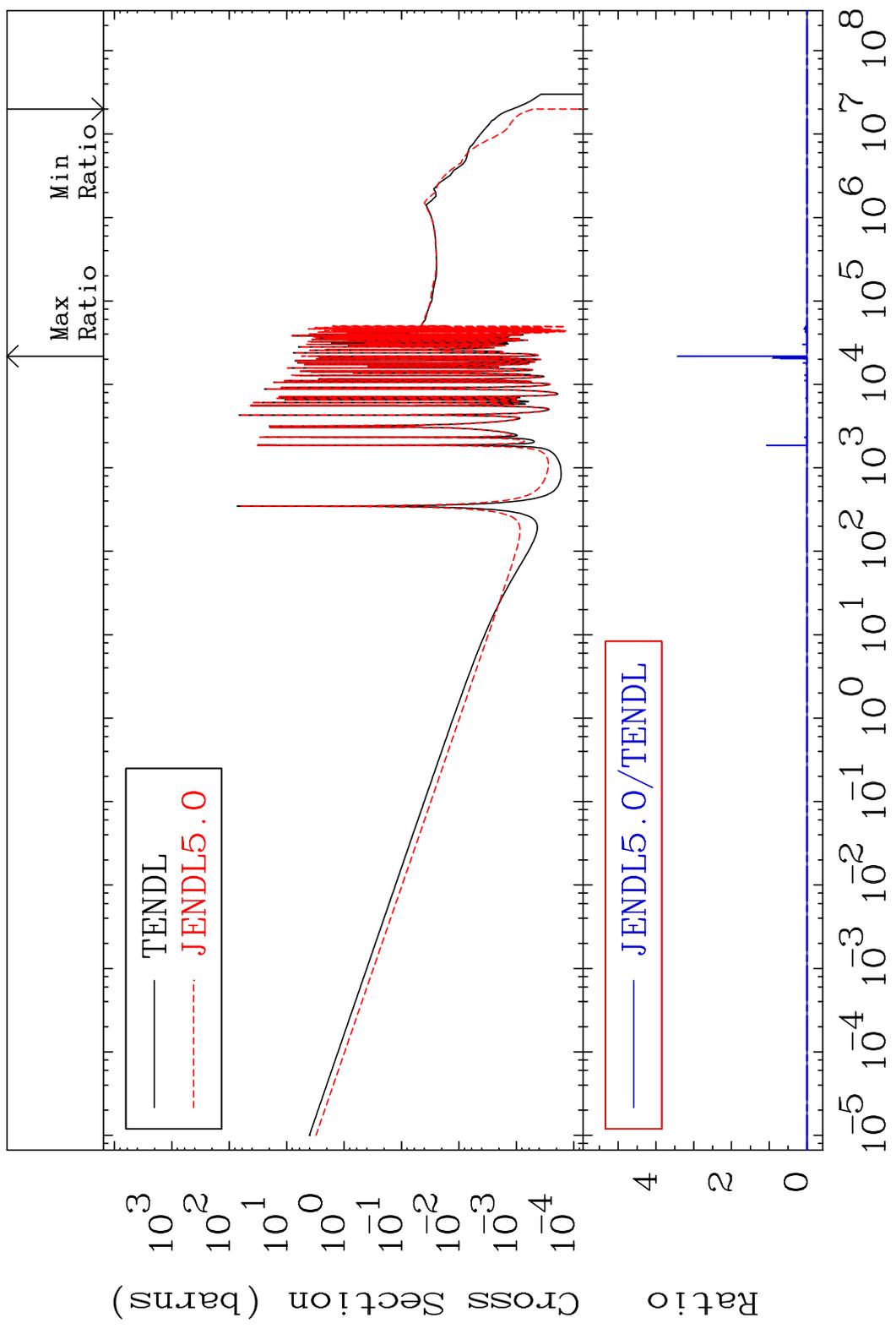
42-Mo-92

MAT 4225

(n, γ)

42-Mo-92

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

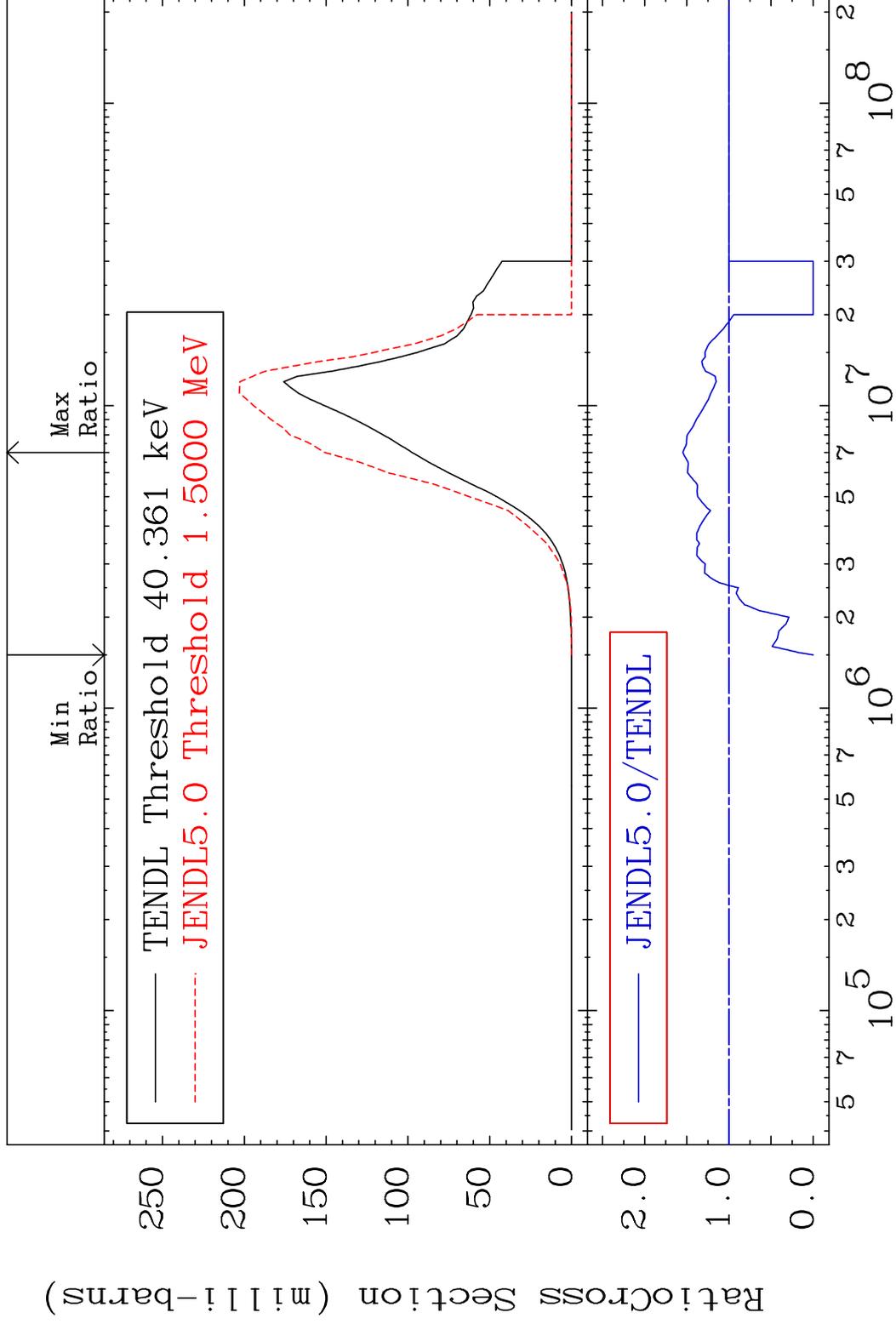
42-Mo-92

MAT 4225

(n, p)

42-Mo-92

Cross Section -100.0 To 54.74 %

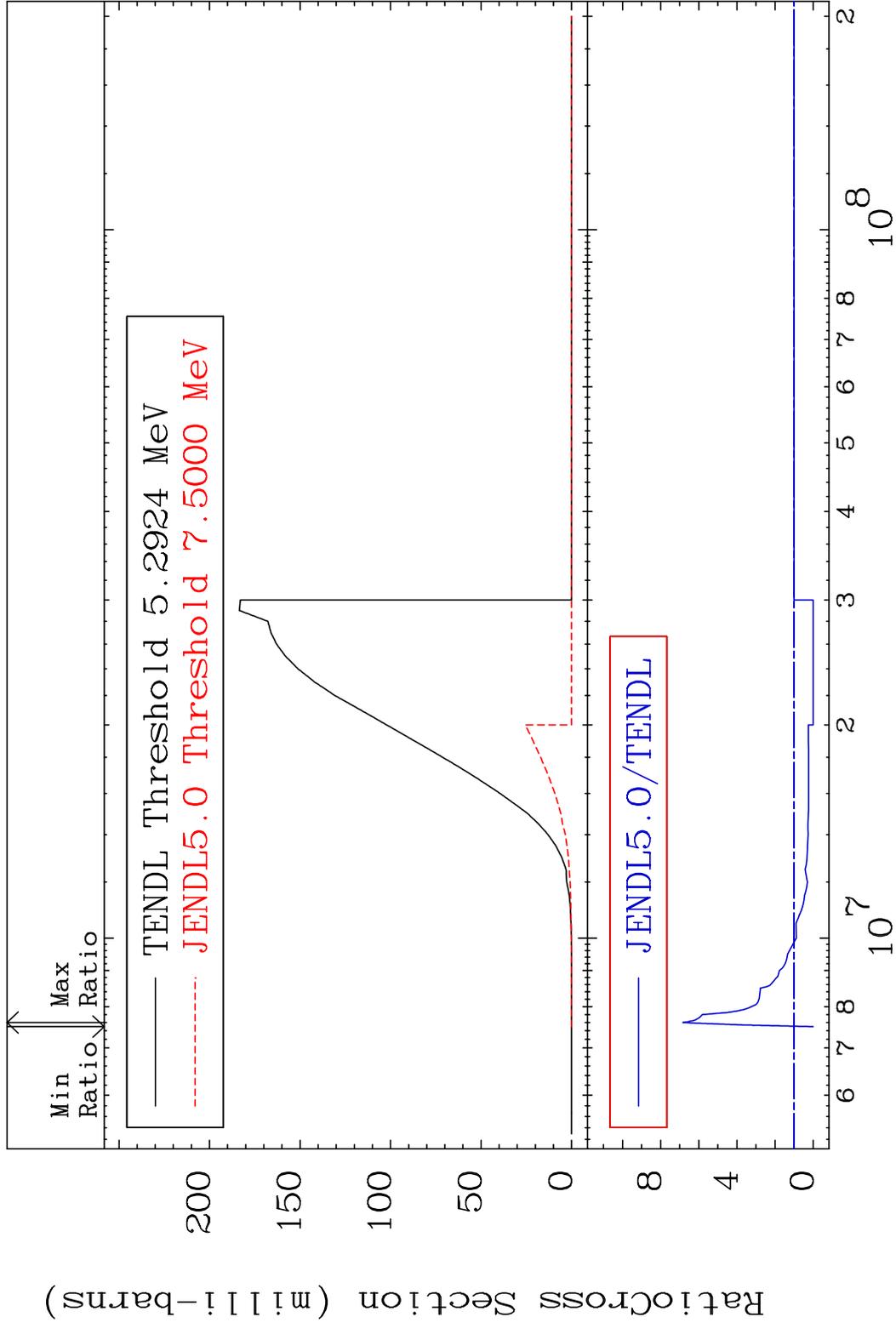


35

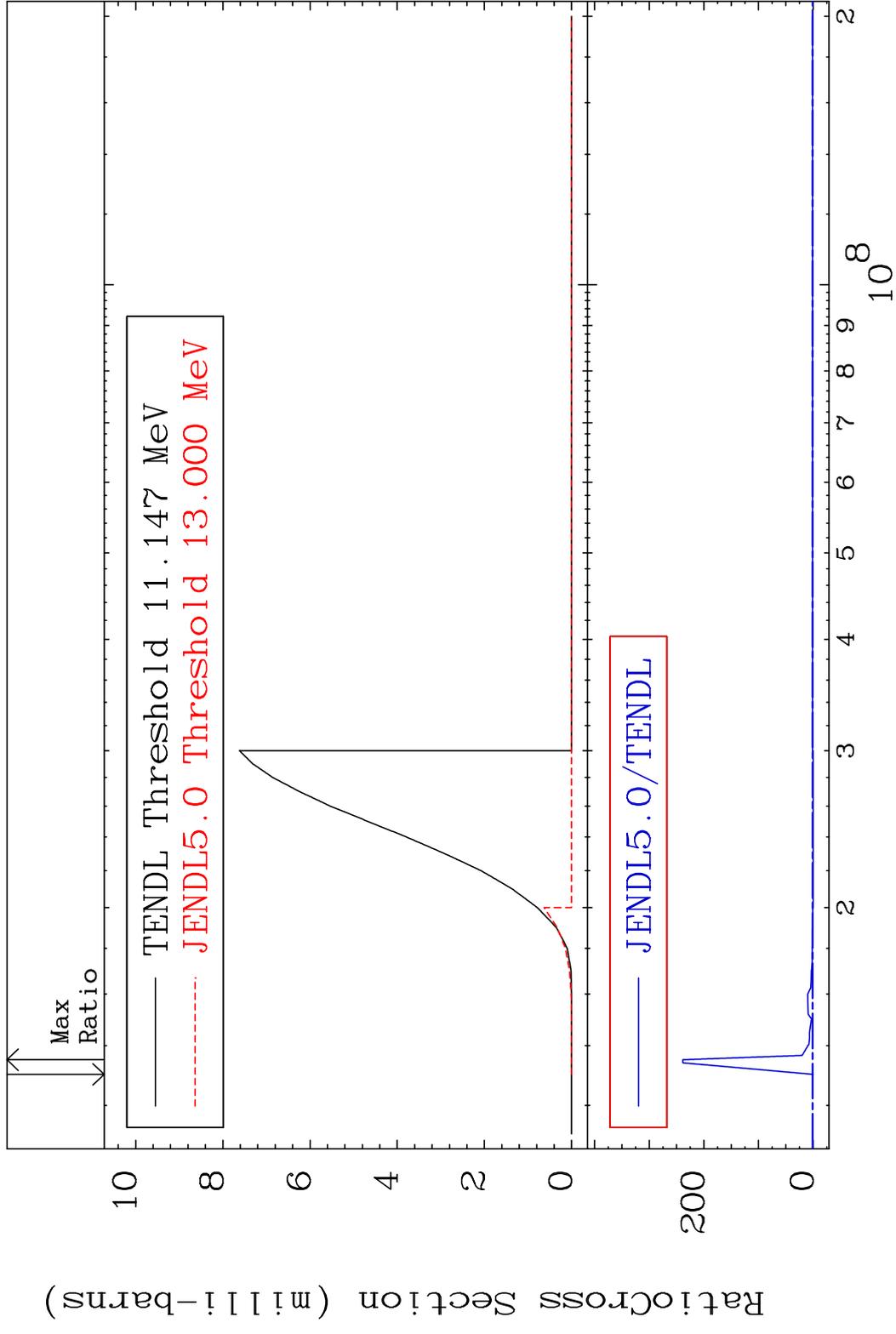
Incident Energy (eV)

42-Mo-92

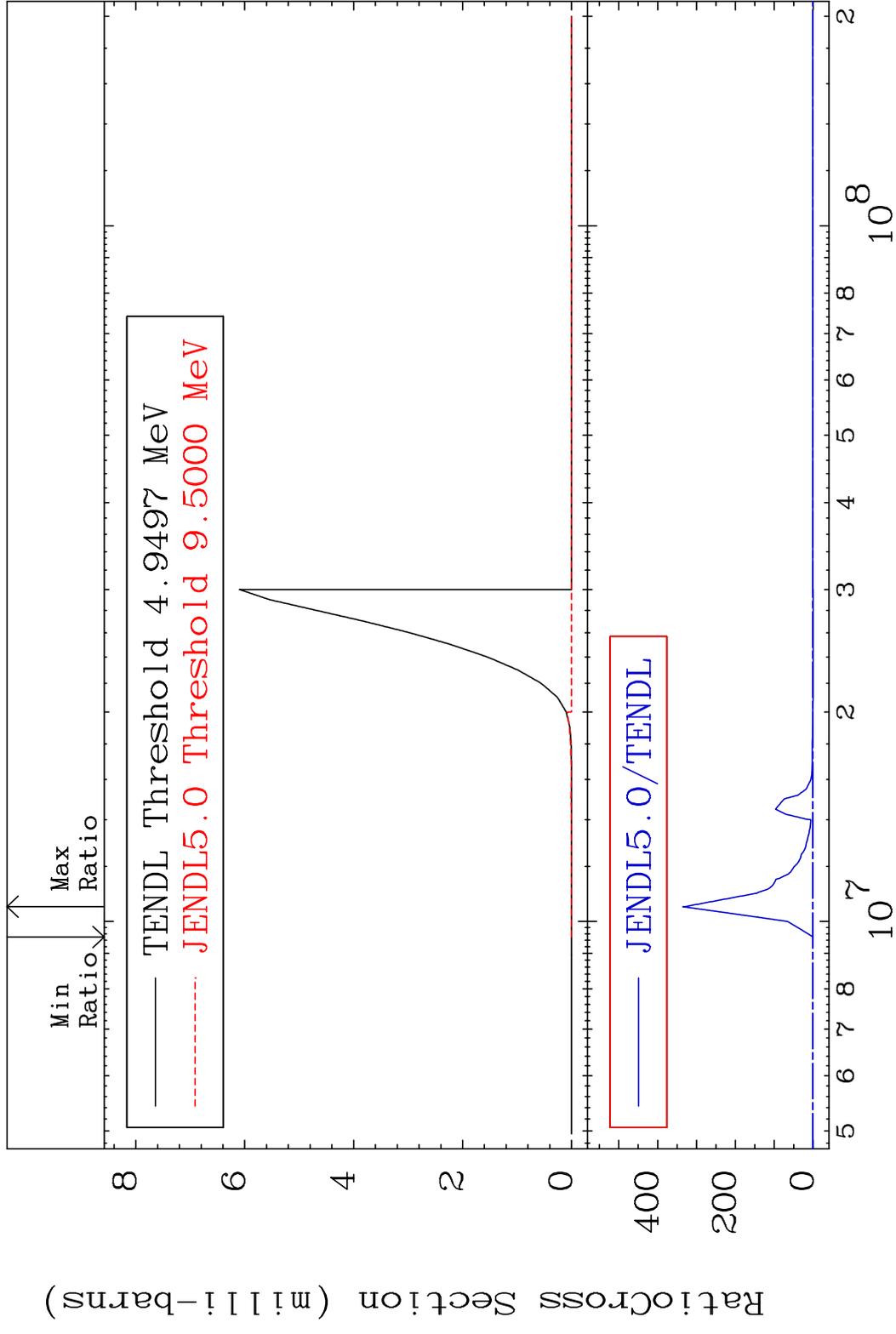
MAT 4225 (n,d) 42-Mo-92
 Cross Section -100.0 To 583.5 %



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. %

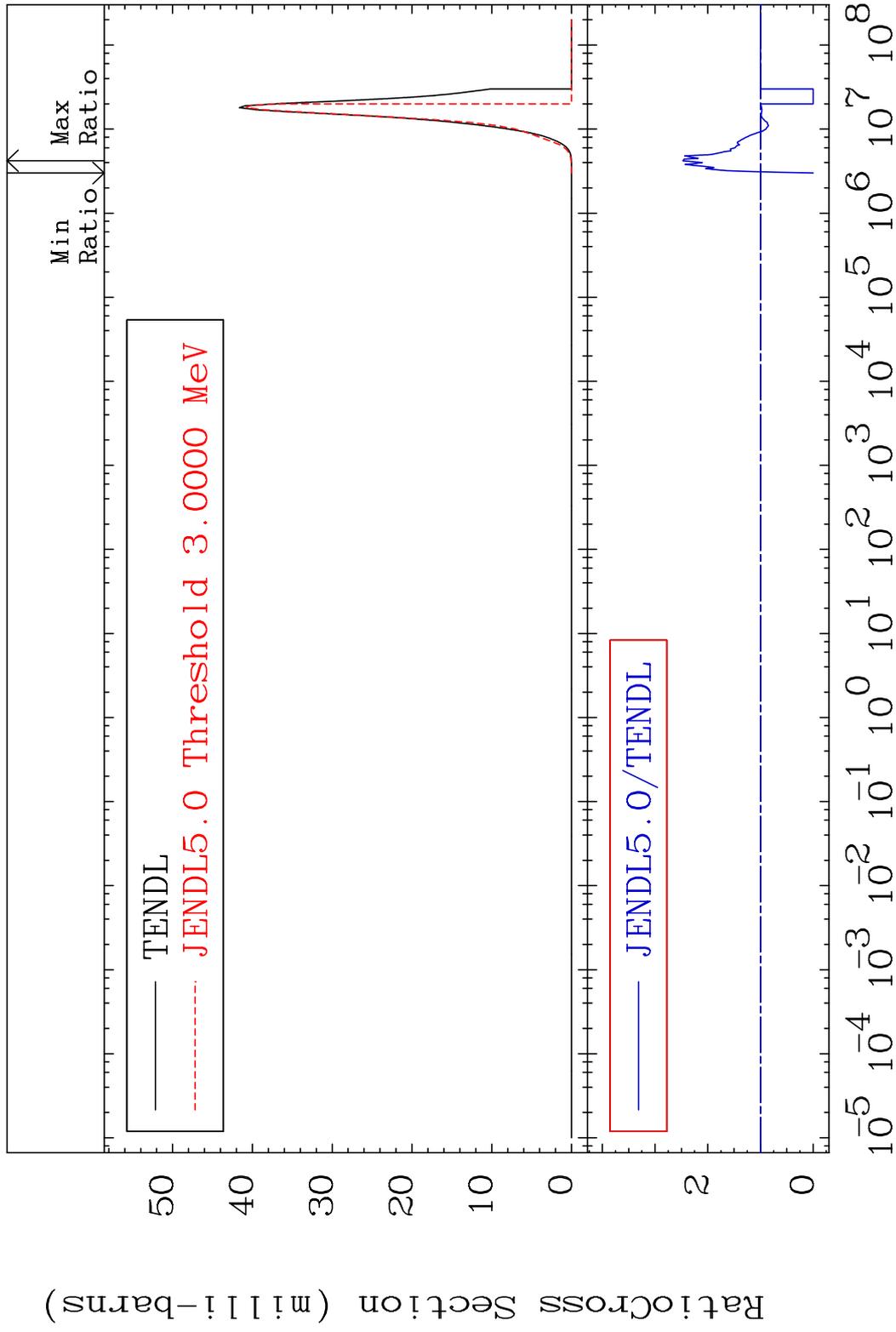


MAT 4225

(n, α)

42-Mo-92

Cross Section -100.0 To 147.3 %

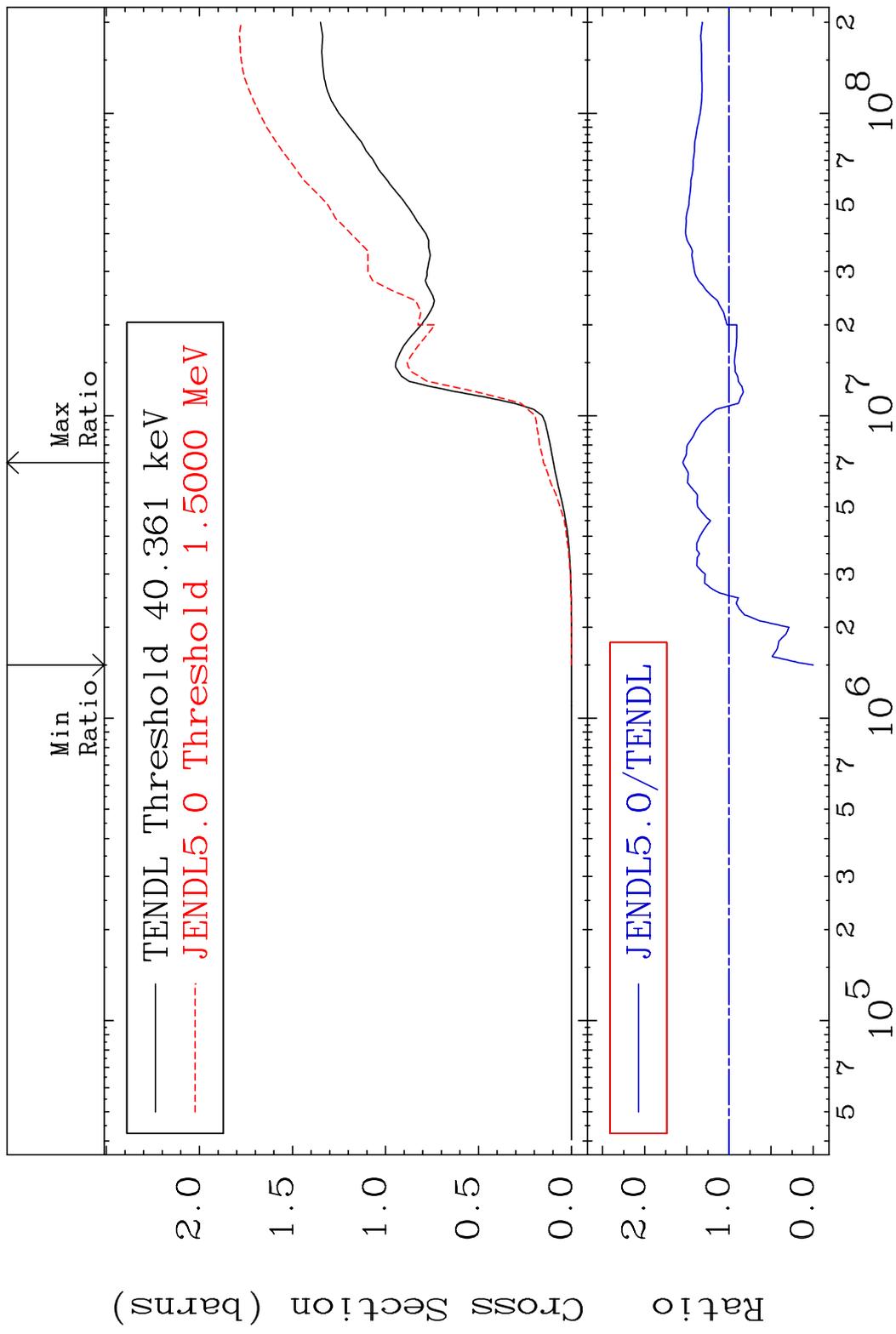


39

Incident Energy (eV)

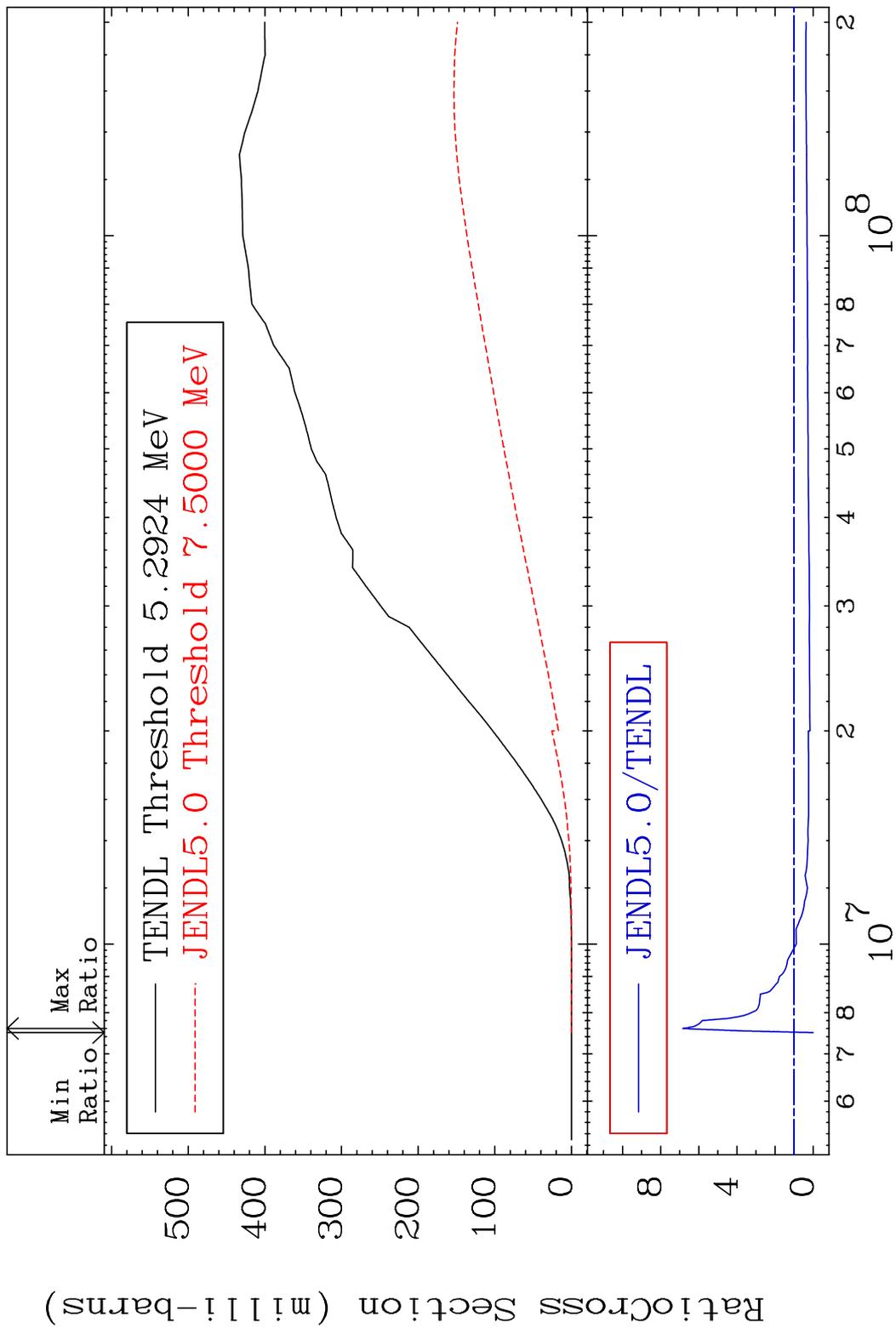
42-Mo-92

MAT 4225 Hydrogen Production Cross Section -100.0 To 54.74 % 42-Mo-92



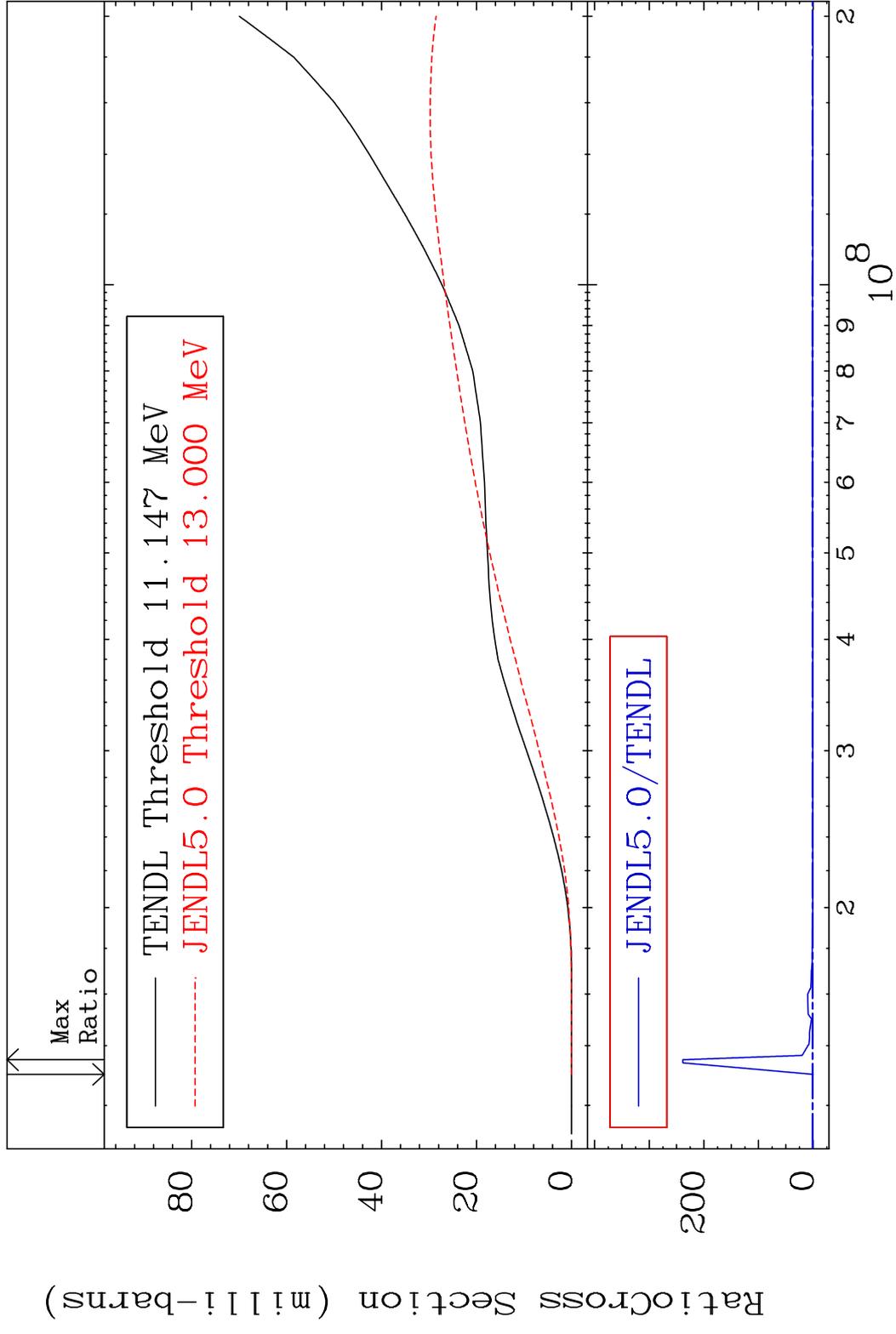
40 Incident Energy (eV) 42-Mo-92

MAT 4225 Deuterium Production 42-Mo-92
 Cross Section -100.0 To 583.5 %



41 42-Mo-92

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



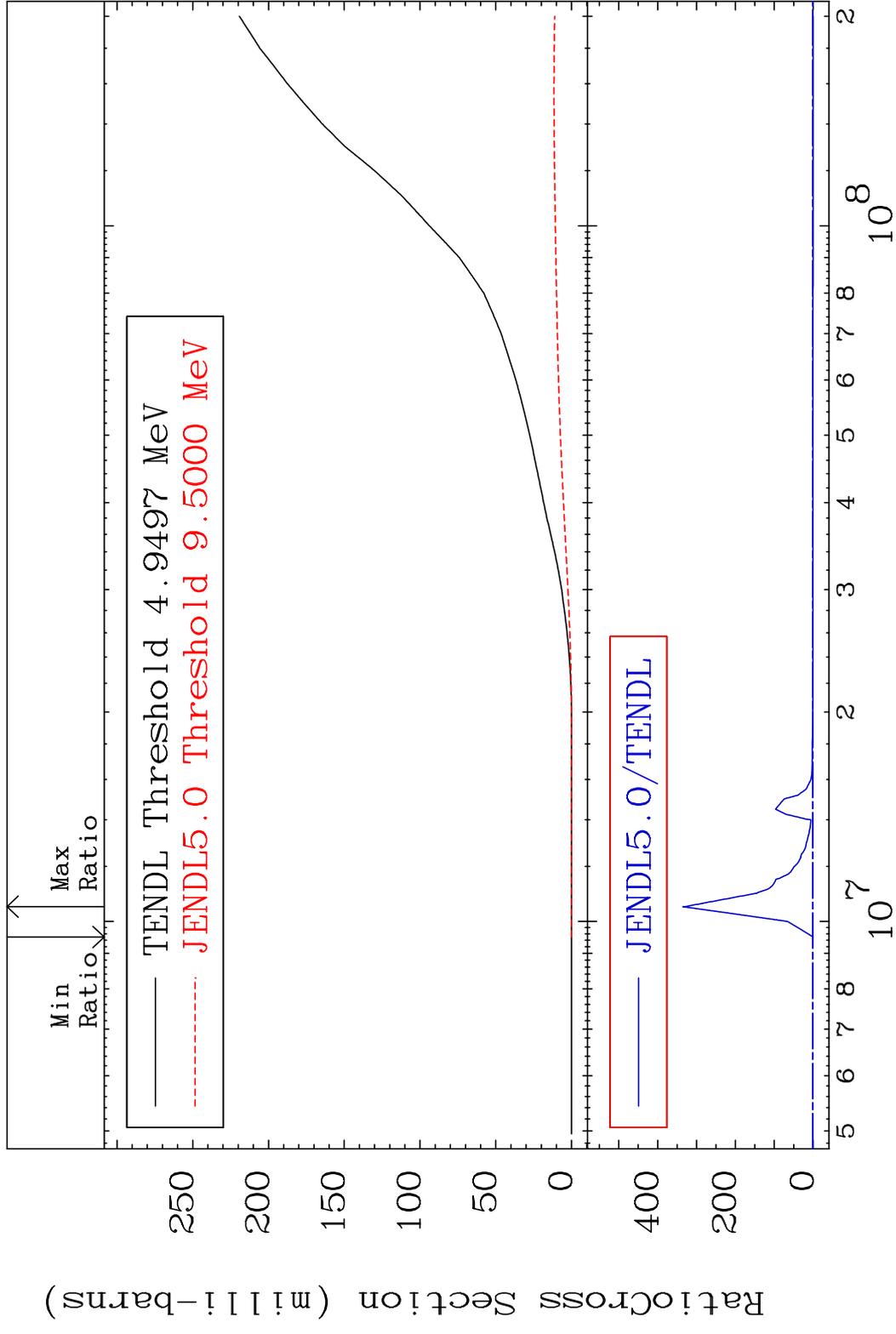
42 42-Mo-92

MAT 4225

He-3 Production

42-Mo-92

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

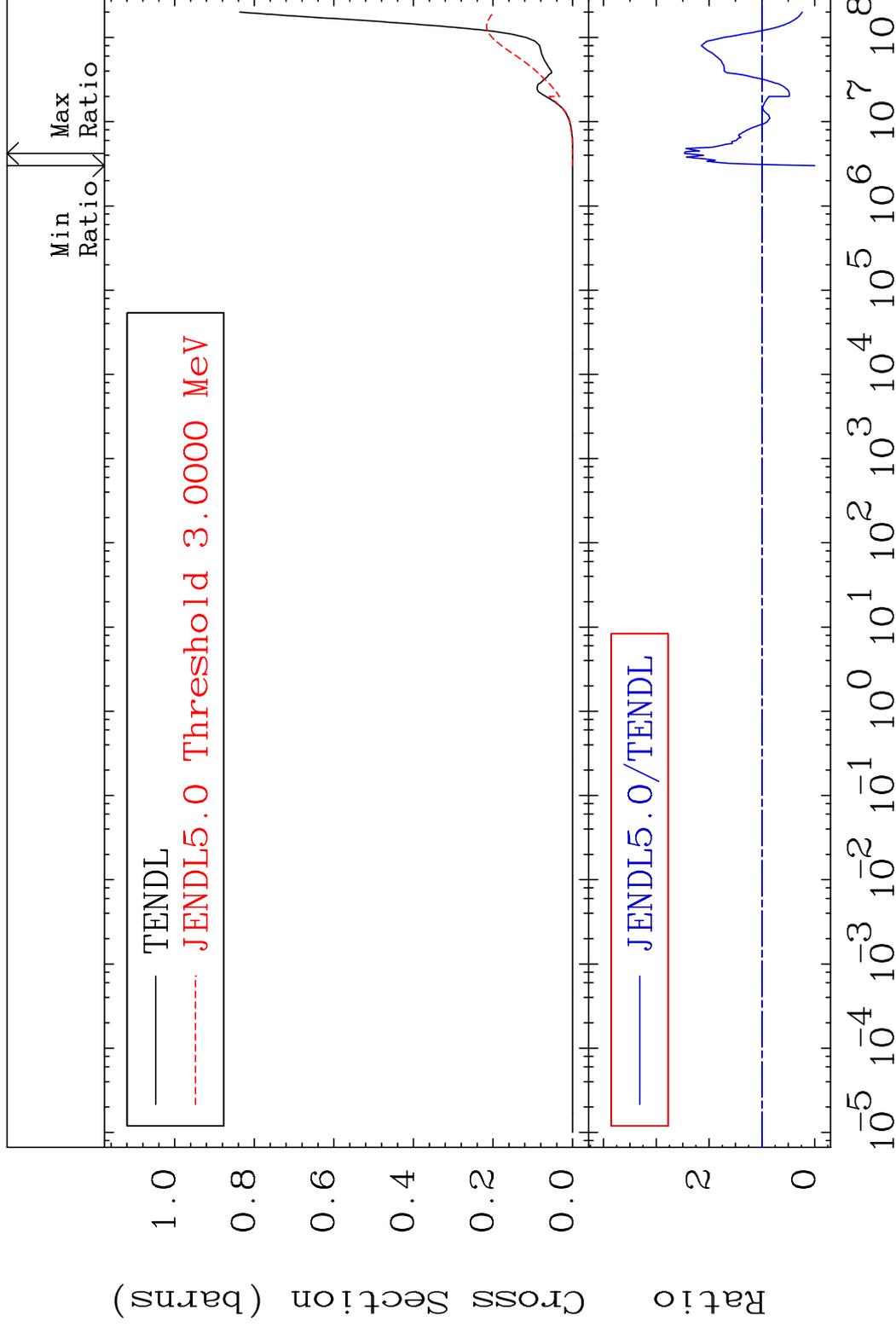
42-Mo-92

MAT 4225

He-4 Production

42-Mo-92

Cross Section -100.0 To 147.3 %

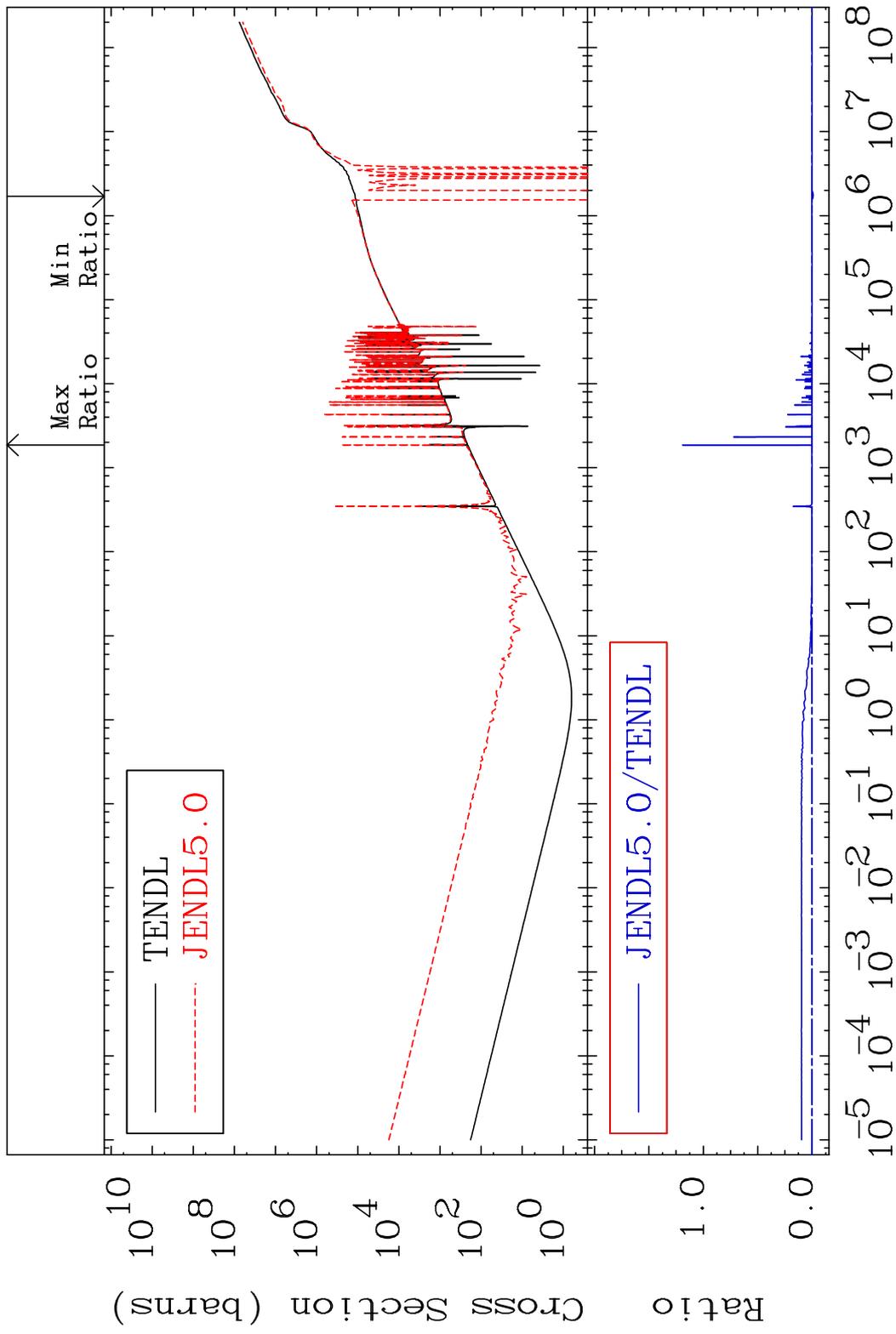


44

Incident Energy (eV)

42-Mo-92

MAT 4225 Kerma total (eV-barns) 42-Mo-92
 Cross Section -1102. To 9999. %

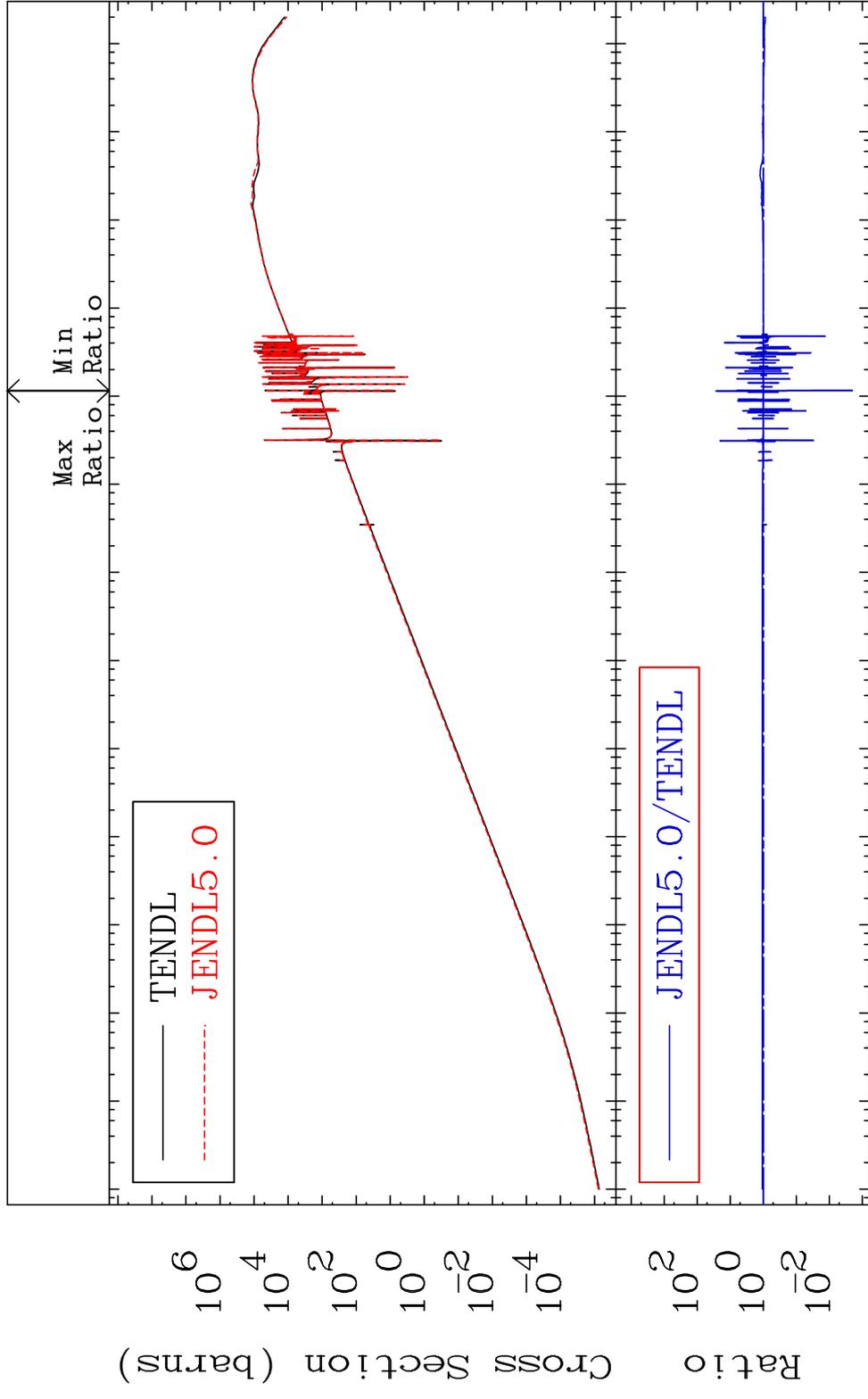


45 Incident Energy (eV) 42-Mo-92

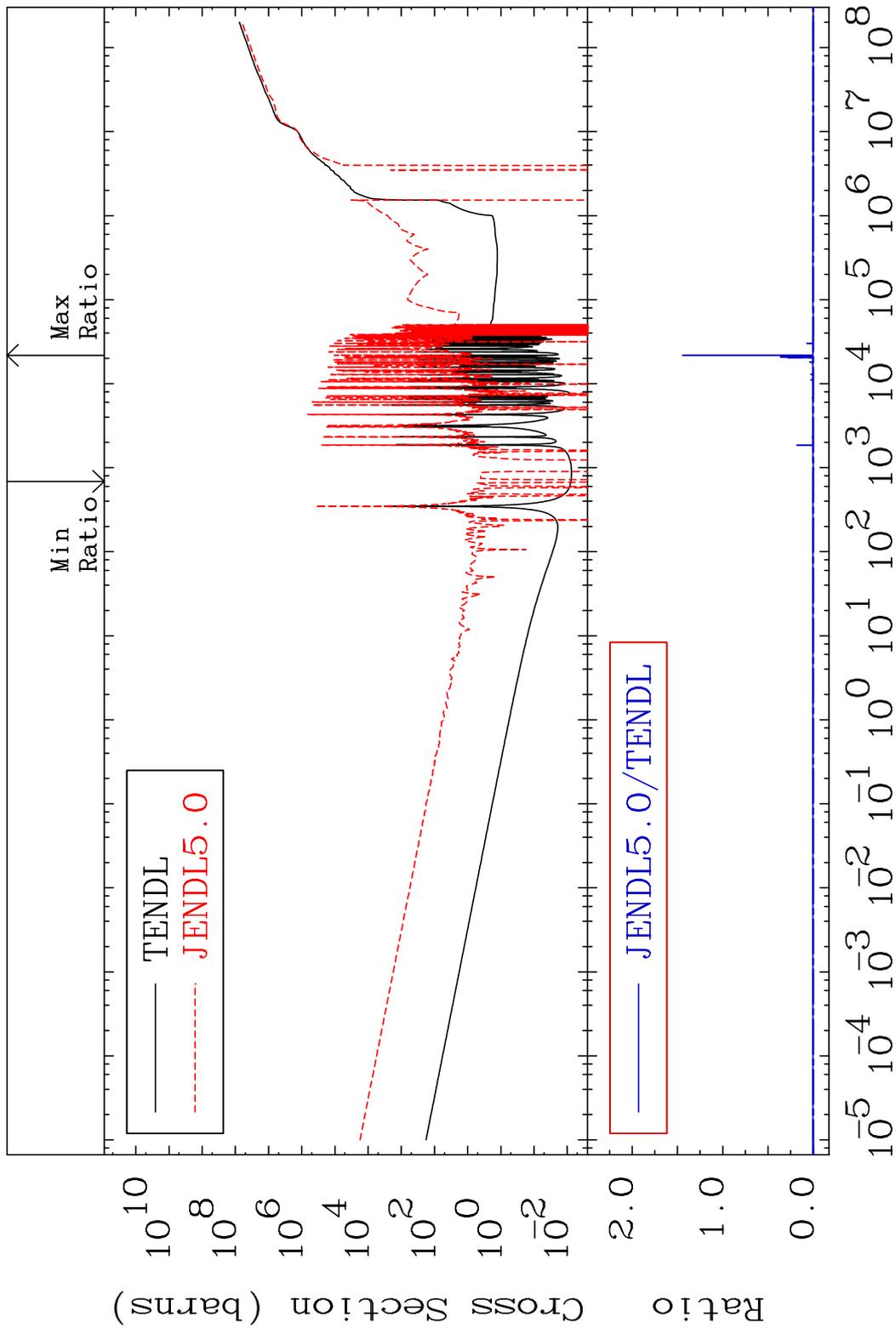
MAT 4225

Kerma elastic
Cross Section

42-Mo-92
-99.80 To 2622. %

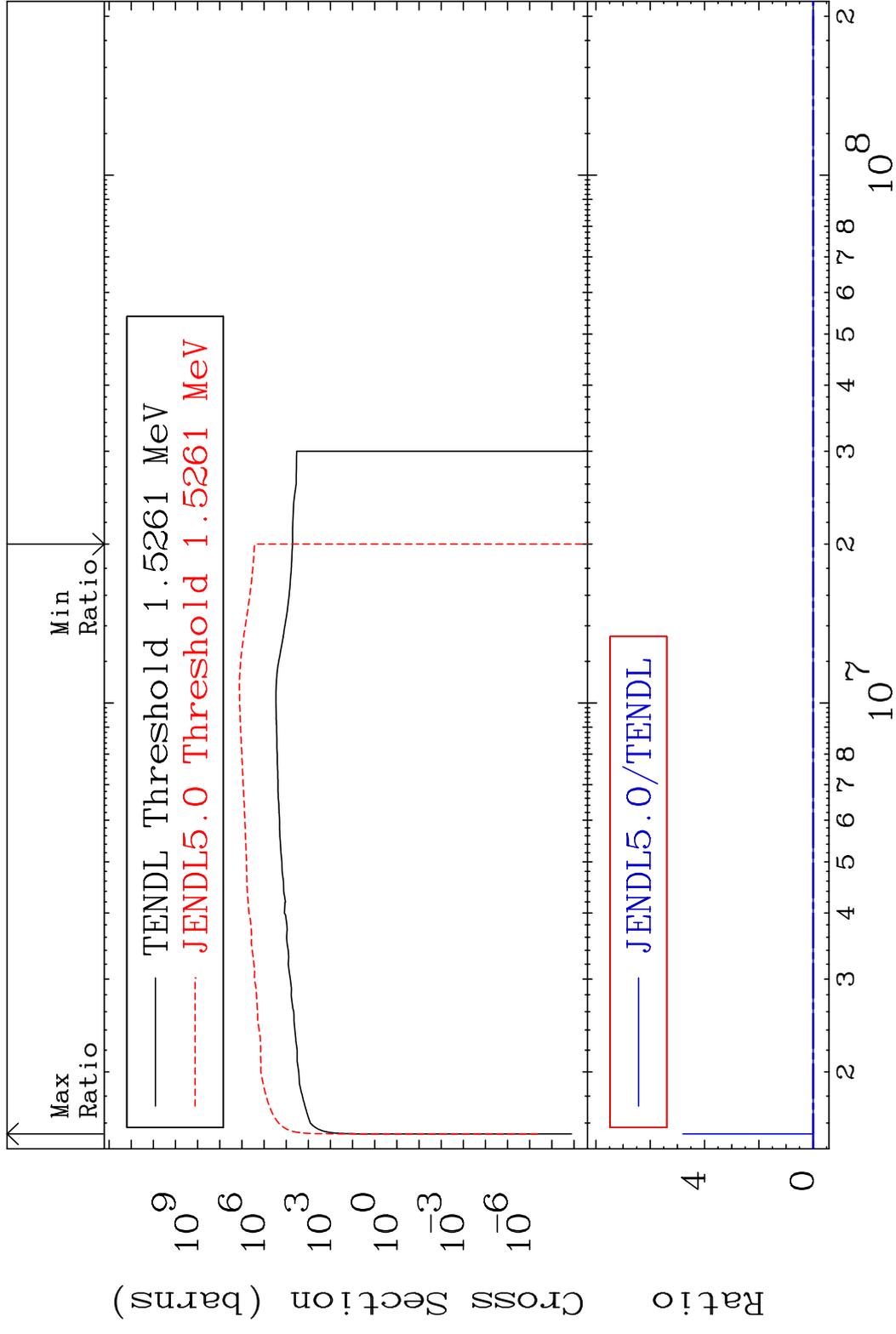


MAT 4225 Kerma non-elastic (all but mt2) 42-Mo-92
 Cross Section -9999. To 9999. %

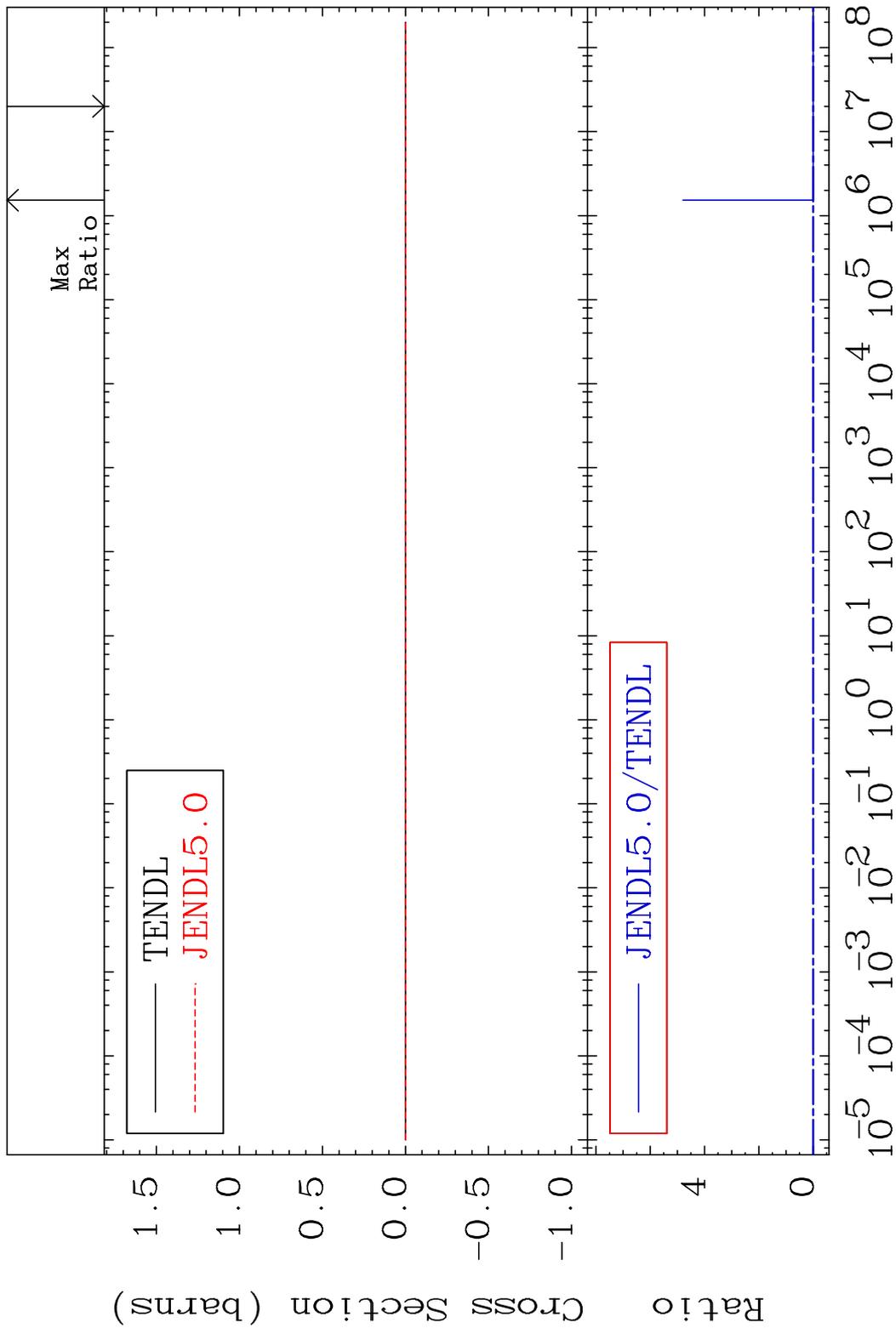


47 Incident Energy (eV) 42-Mo-92

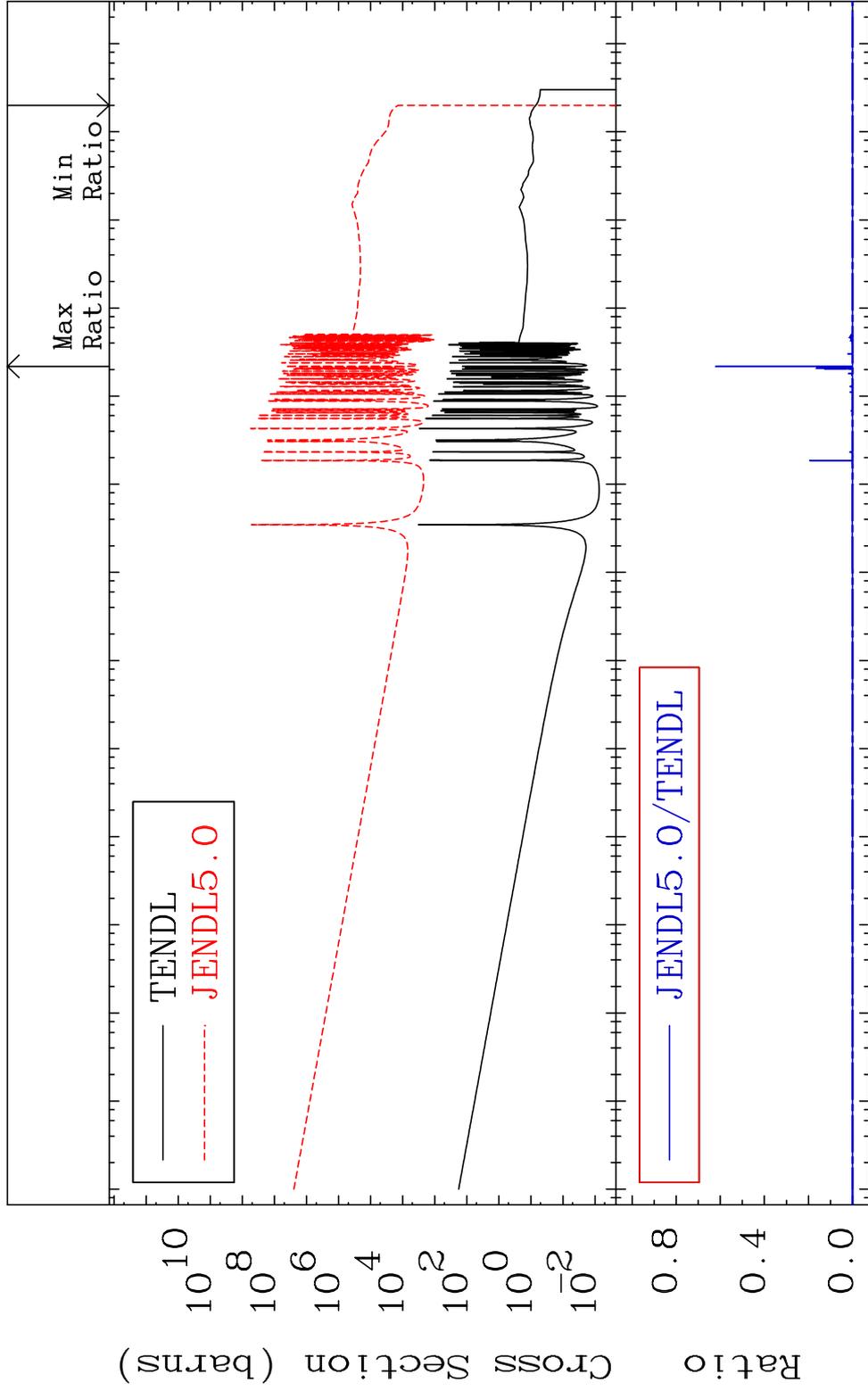
MAT 4225 Kerma inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 9999. %



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

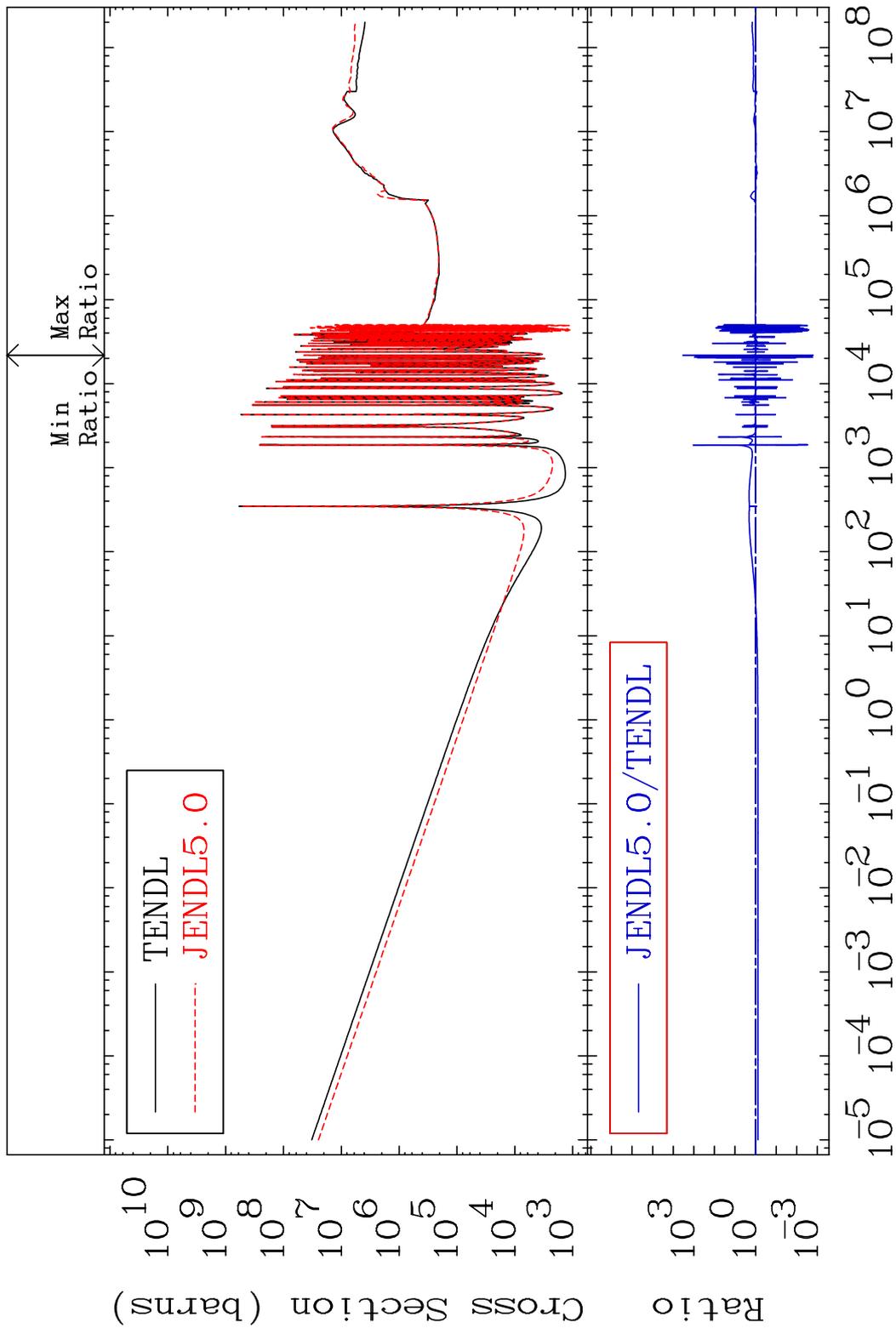


MAT 4225 Kerma capture (mt102) 42-Mo-92
 Cross Section -100.0 To 9999. %

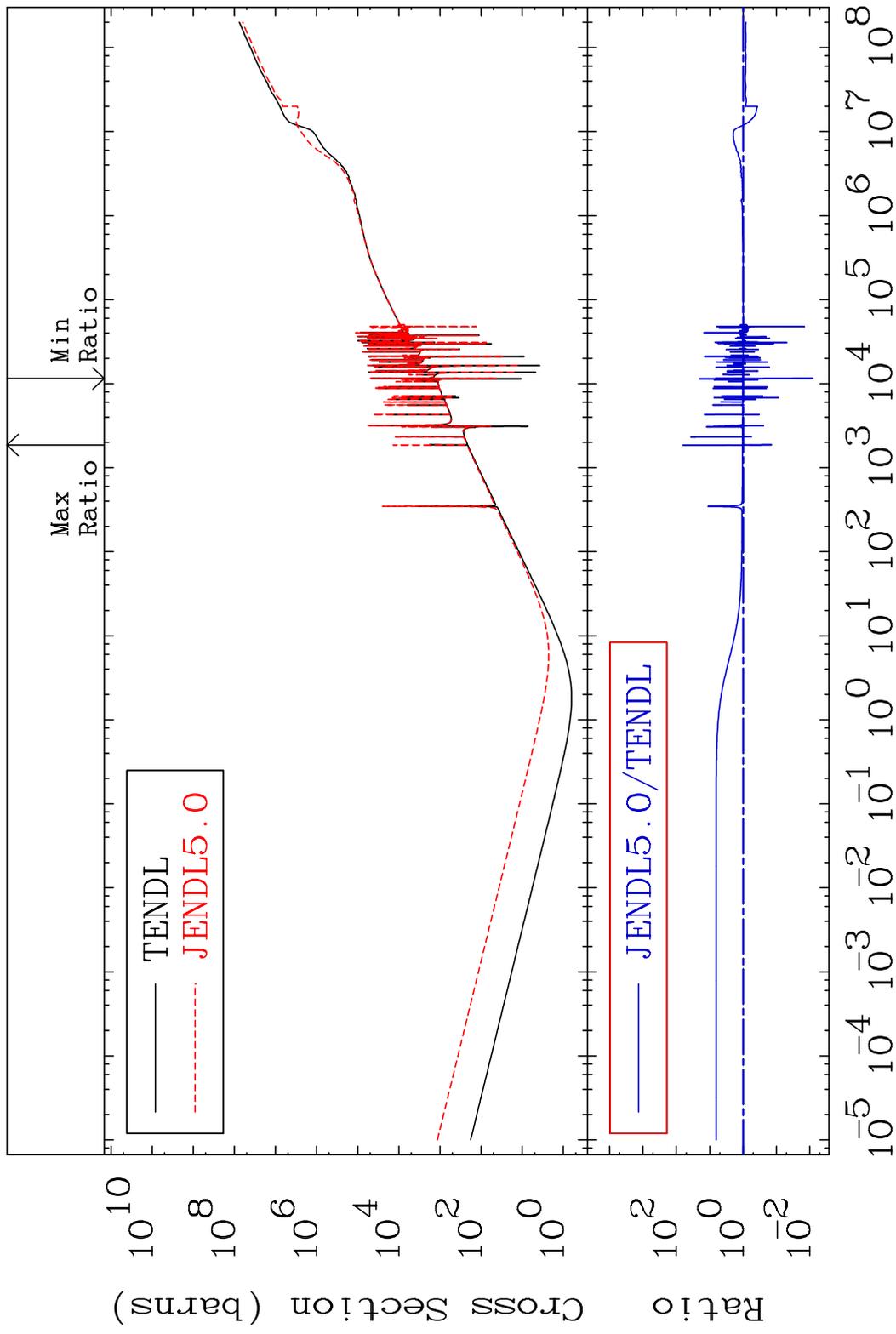


50 Incident Energy (eV) 42-Mo-92

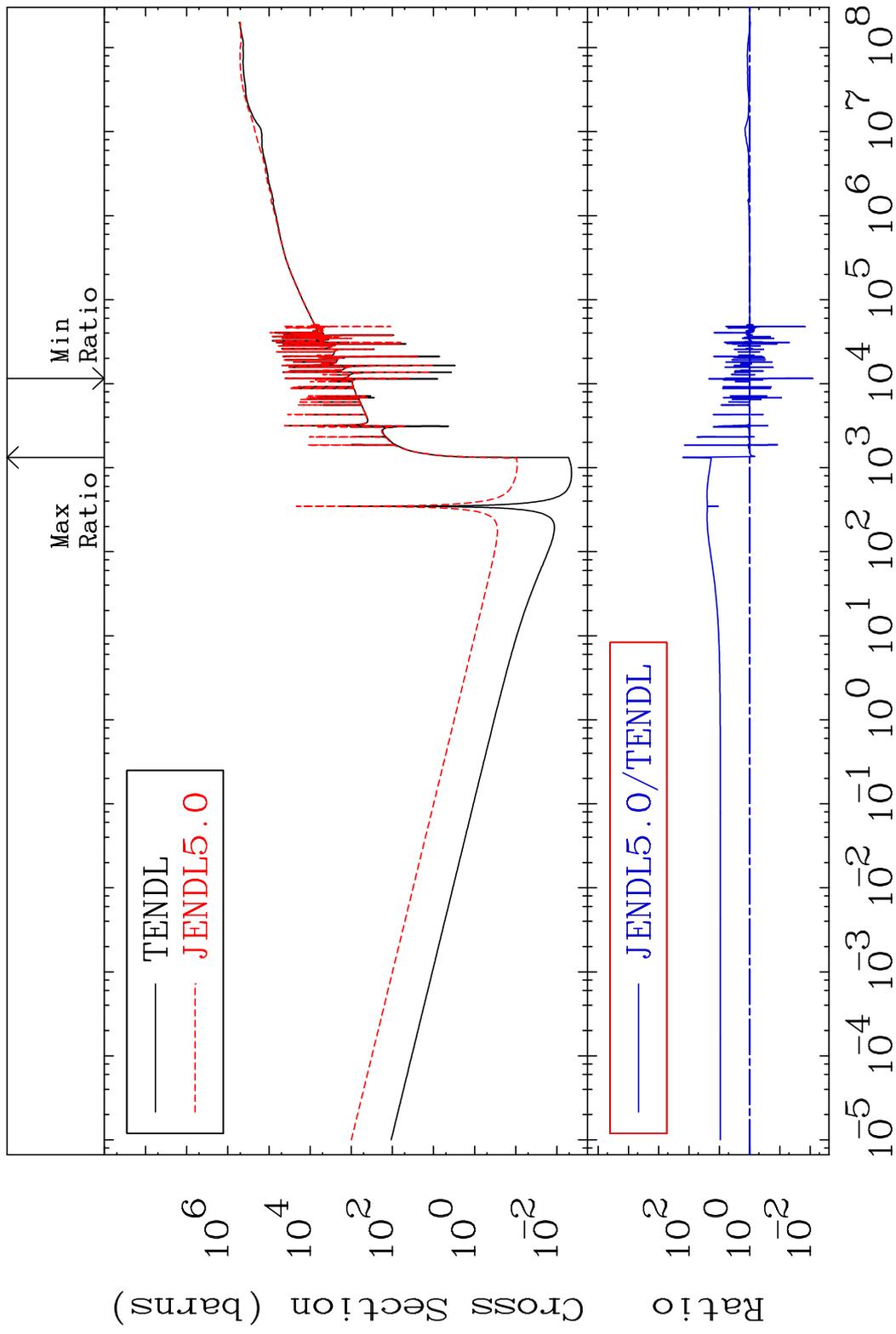
MAT 4225 Total photon (eV-barns) 42-Mo-92
 Cross Section -99.84 To 9999. %



MAT 4225 Total kinematic kerma (high limit) 42-Mo-92
 Cross Section -99.20 To 6288. %



MAT 4225 Dpa total (eV-barns) 42-Mo-92
 Cross Section -99.20 To 9999. %

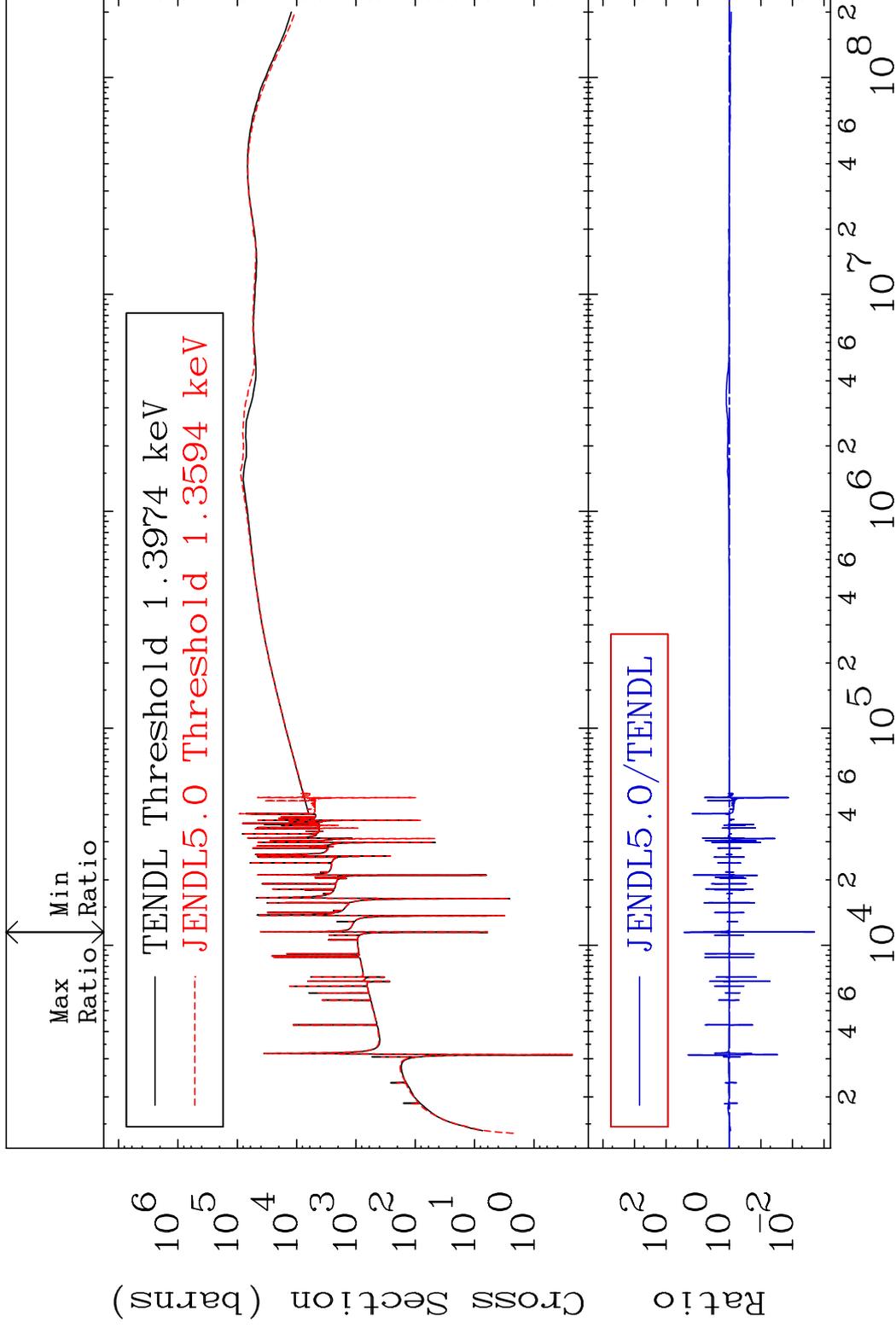


MAT 4225

Dpa elastic (mt2)

42-Mo-92

Cross Section -99.80 To 2623. %

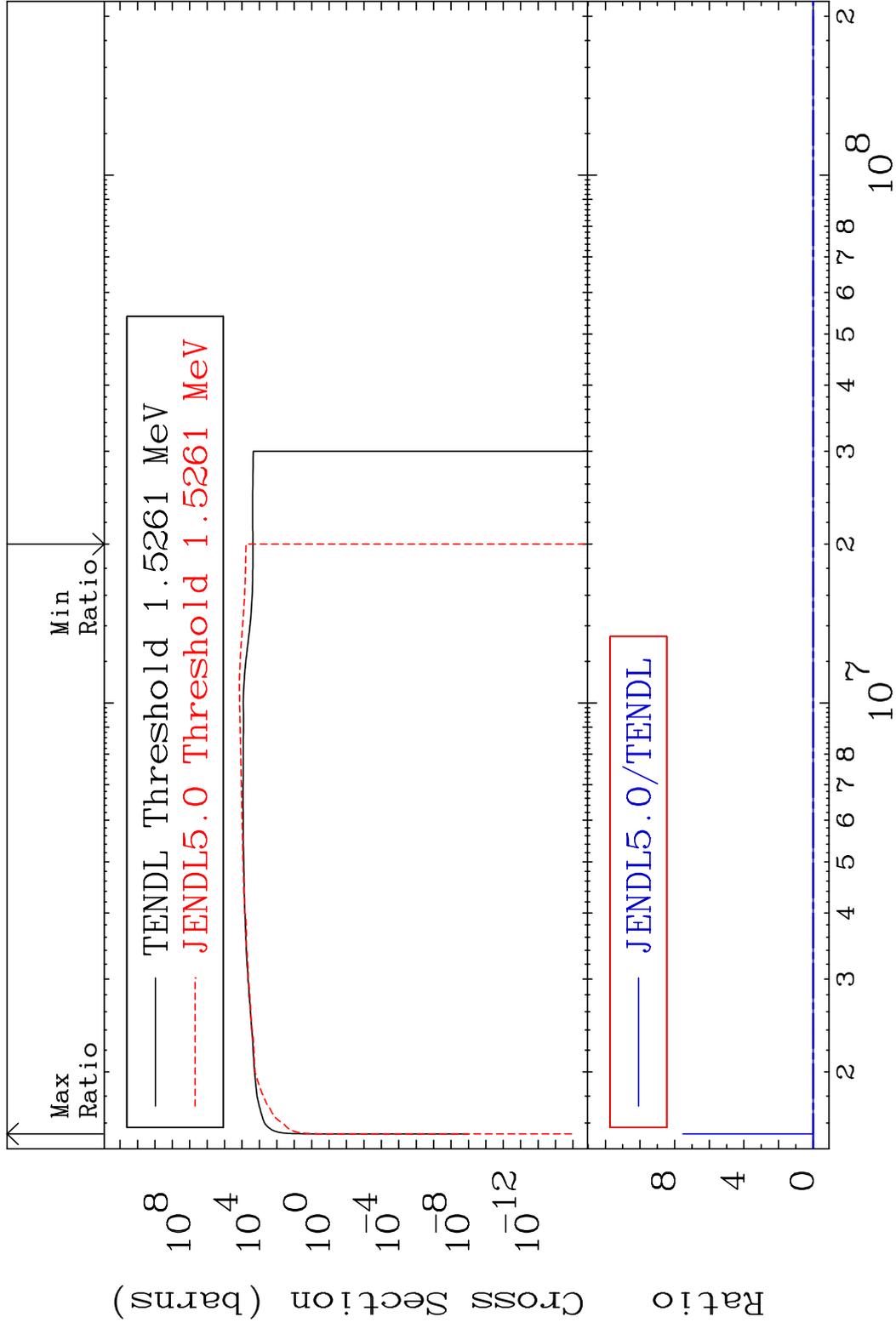


54

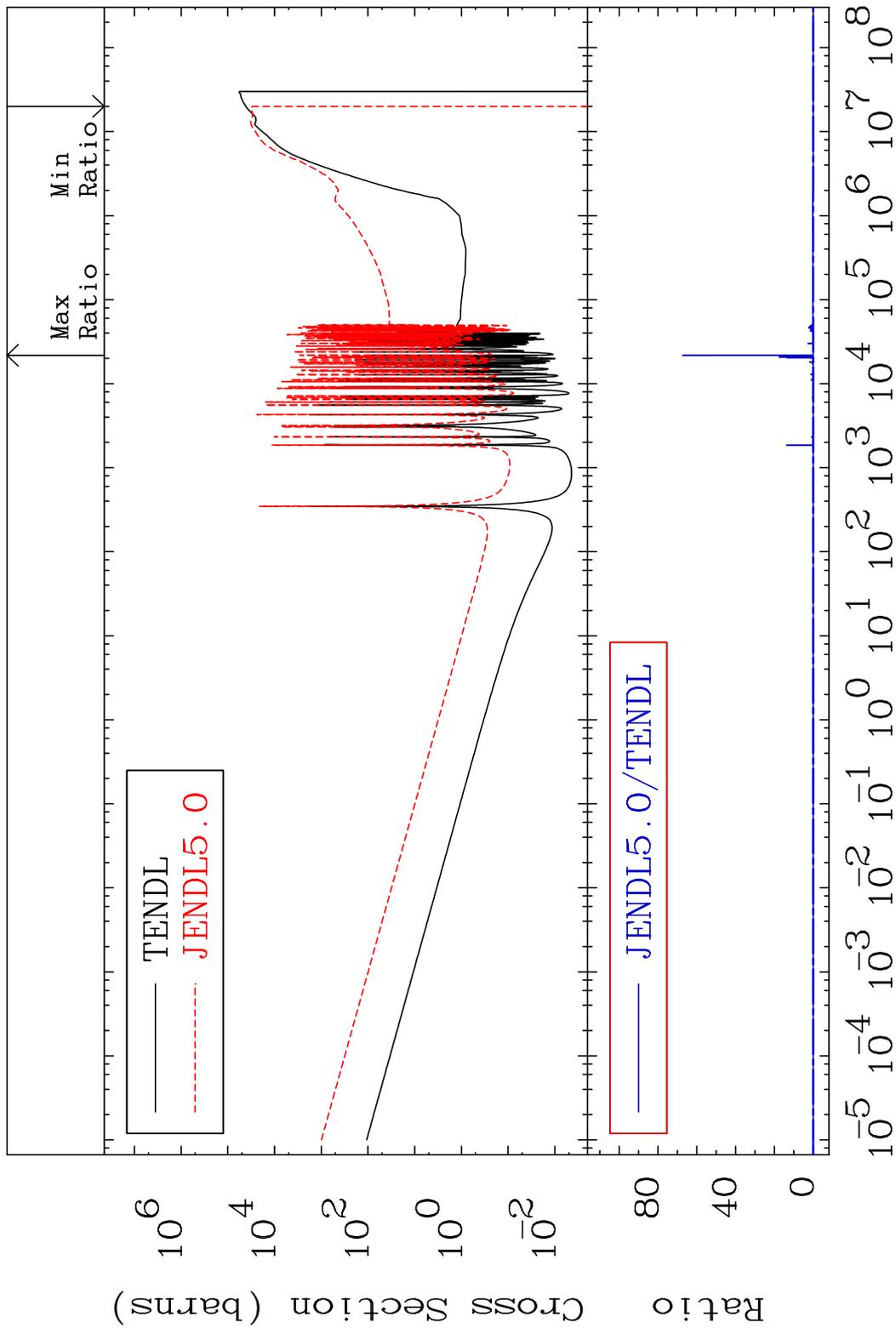
Incident Energy (eV)

42-Mo-92

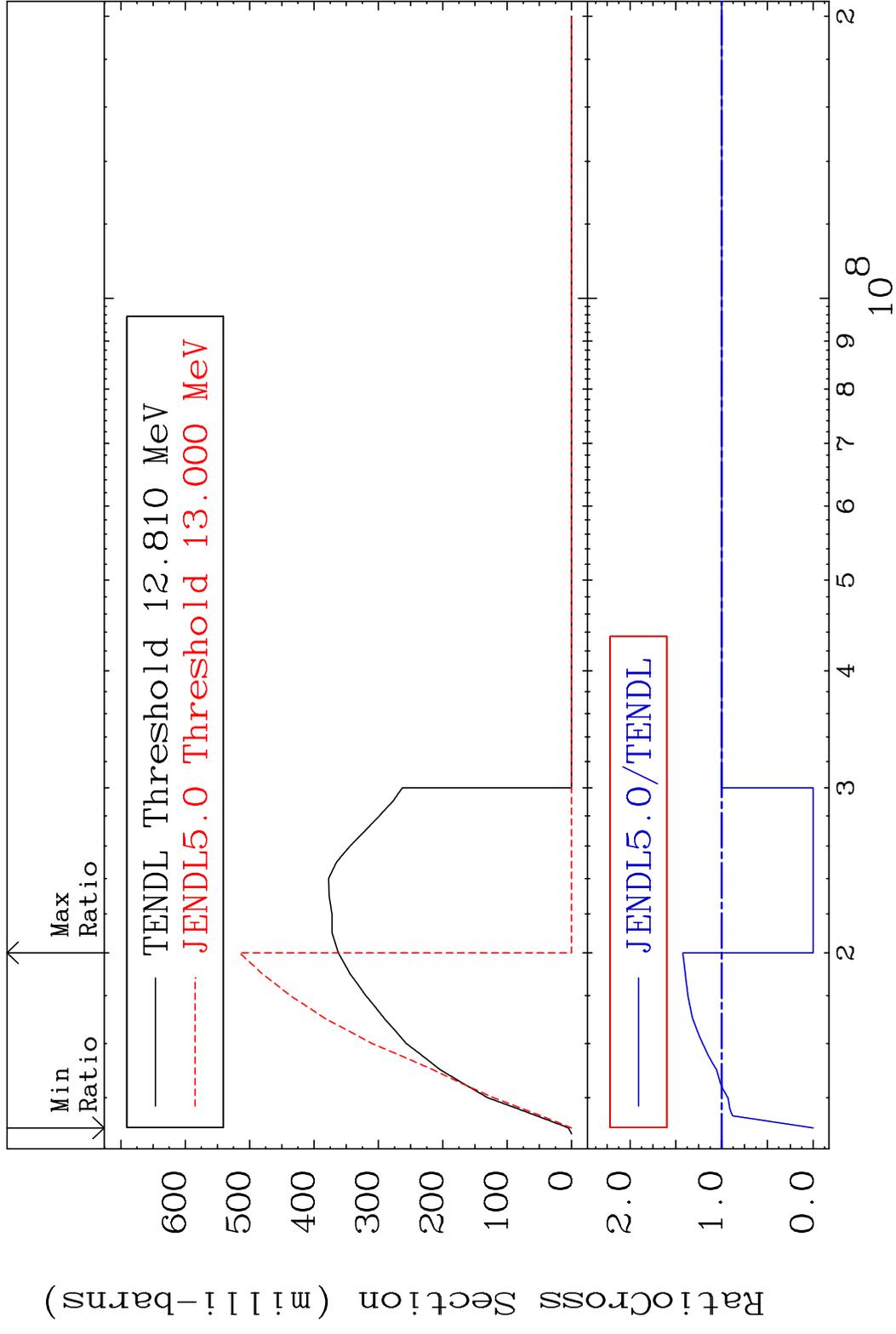
MAT 4225 Dpa inelastic (mt51-91) 42-Mo-92
 Cross Section -100.0 To 9999. %



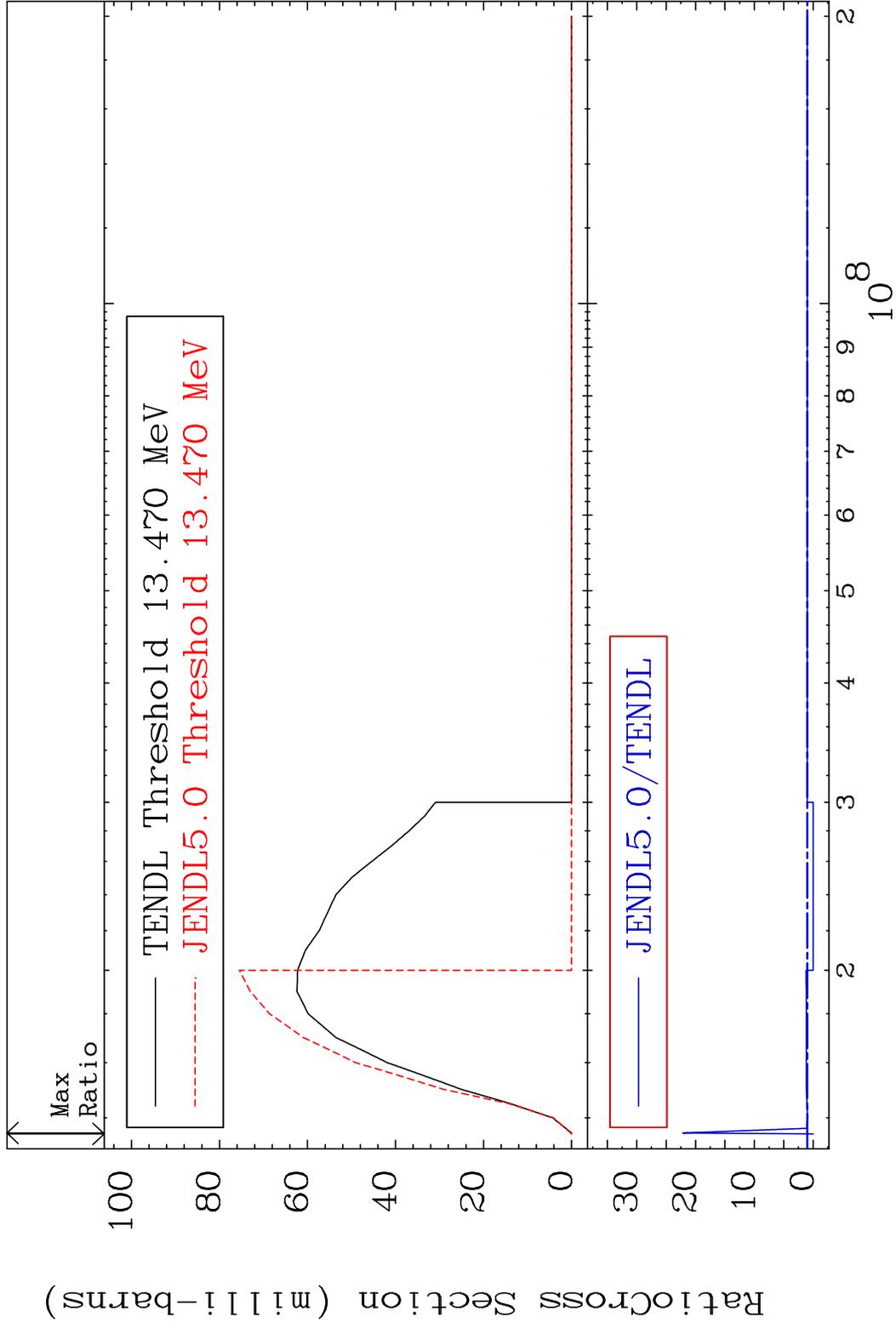
MAT 4225 Dpa disappearance (mt102 -120) 42-Mo-92
 Cross Section -100.0 To 9999. %



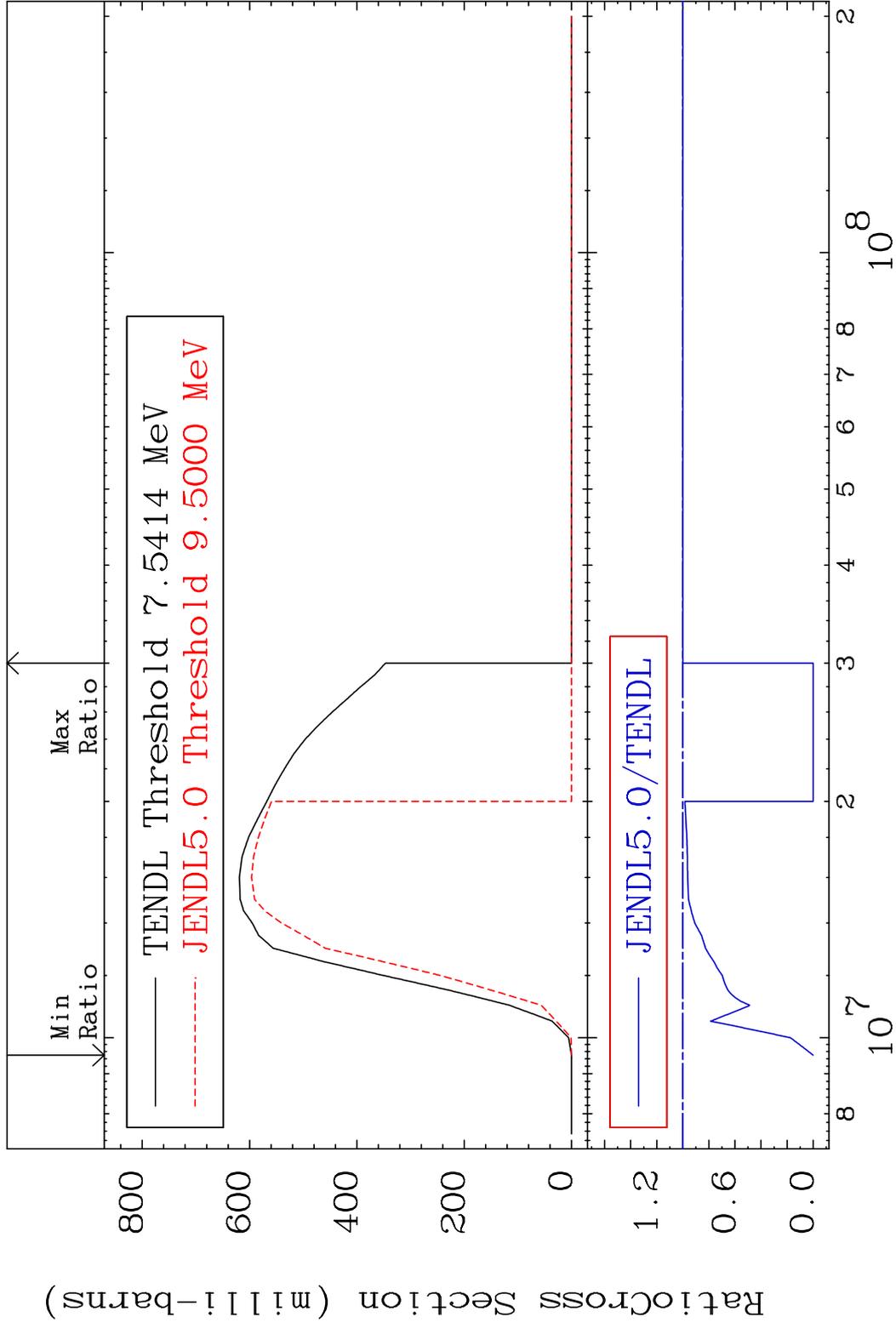
MAT 4225 (n,2n):42-Mo-91g 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 42.36 %



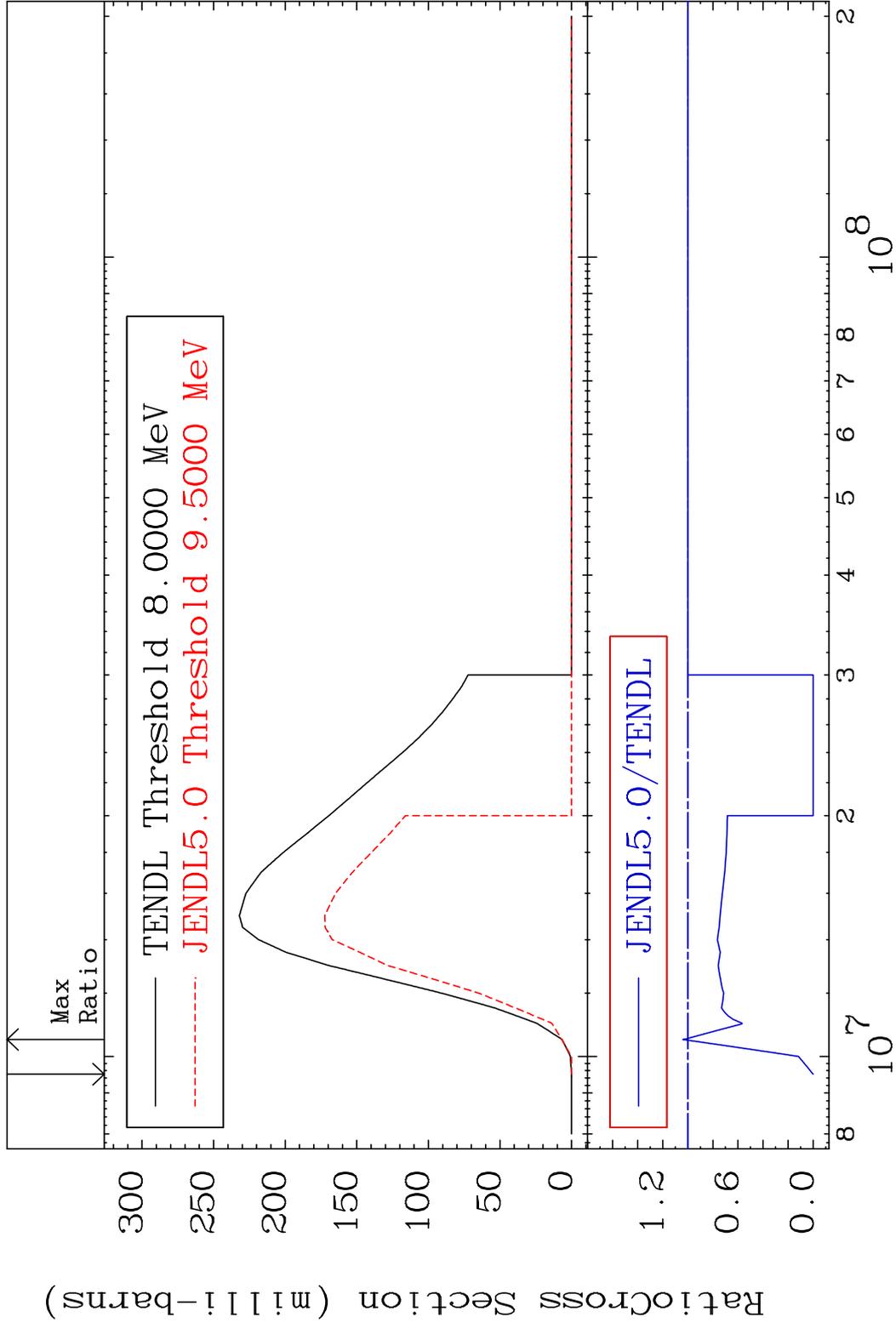
MAT 4225 (n,2n):42-Mo-91m1 42-Mo-92
 Radionuclide Production Cross Section Ratio 2116. %



MAT 4225 (n, n') p:41-Nb-91g 42-Mo-92
 Radionuclide Production Cross Section Ratio 0.000 %

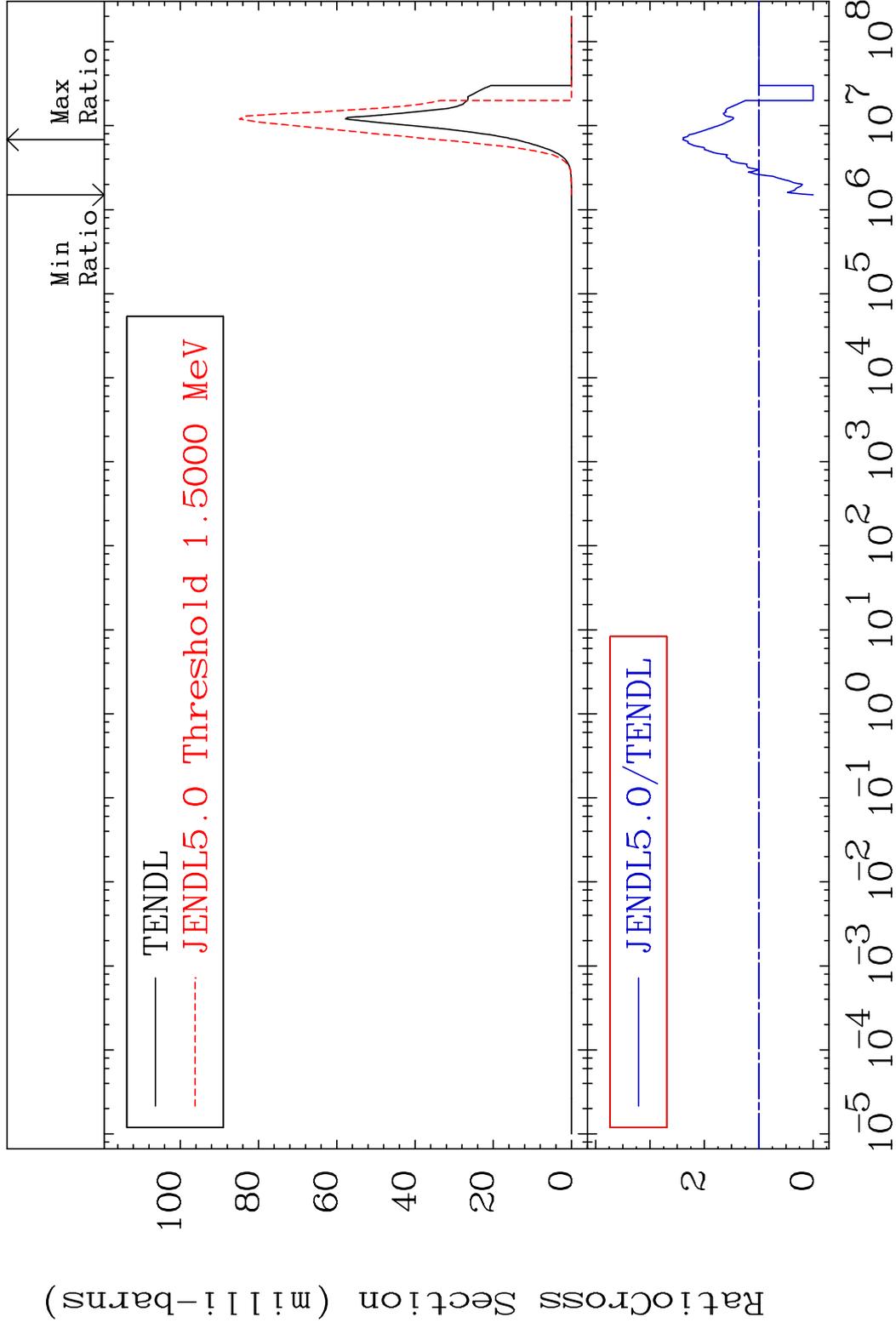


MAT 4225 (n, n') p:41-Nb-91m1 42-Mo-92
 Radionuclide Production Cross Section Ratio 3.978 %

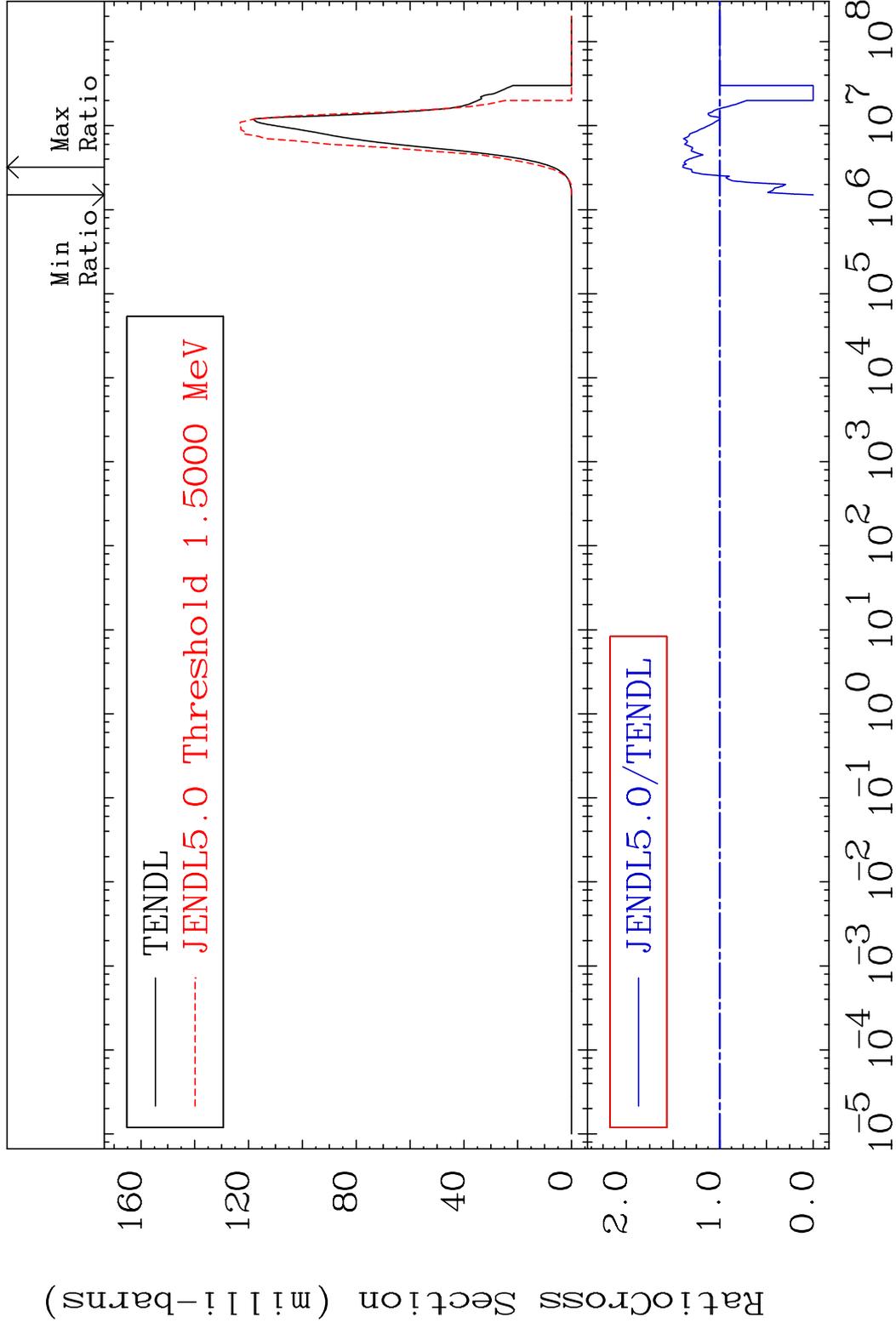


60 Incident Energy (eV) 42-Mo-92

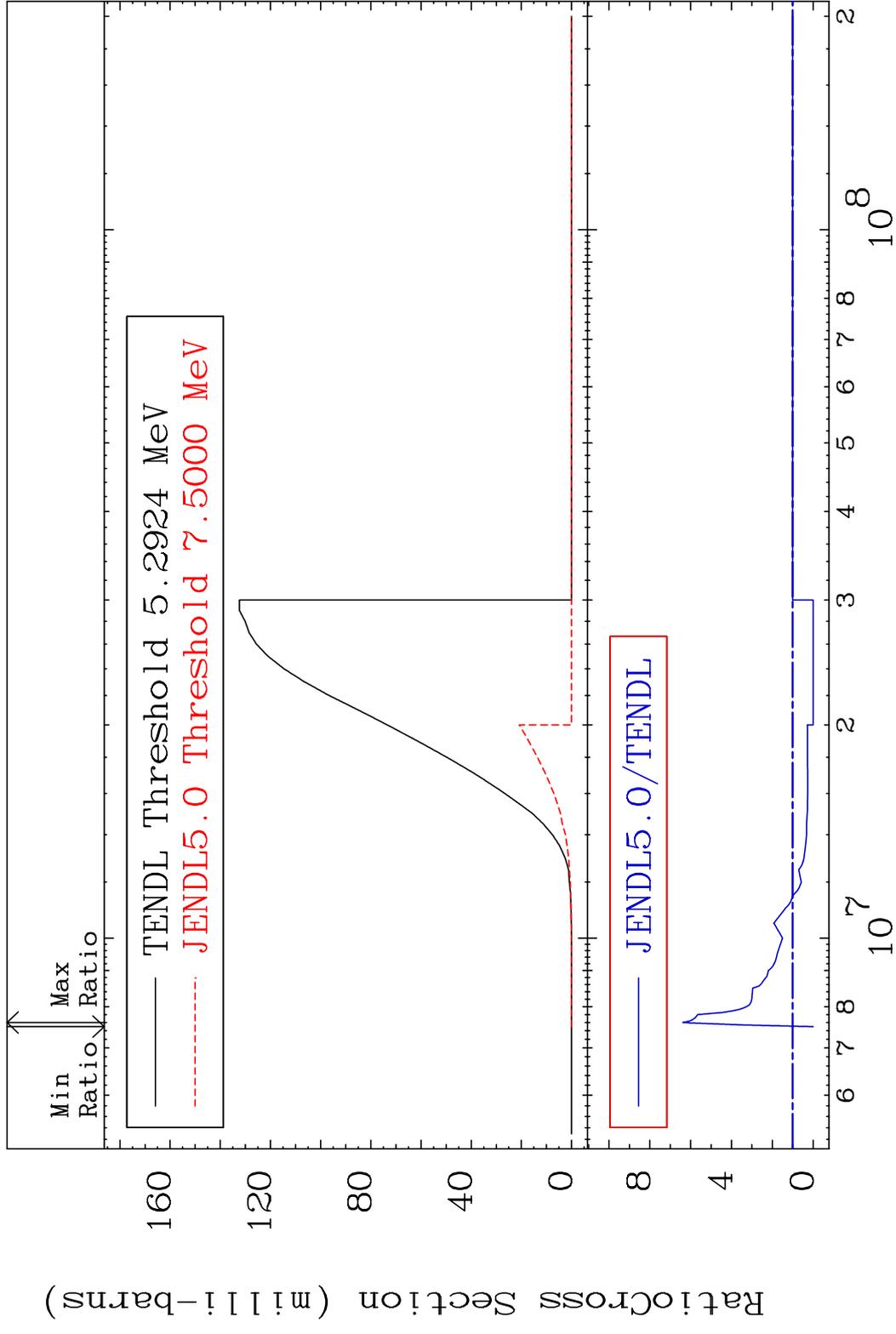
MAT 4225 (n, p) : 41-Nb-92g 42-Mo-92
 Radionuclide Production Cross Section 139.6 %



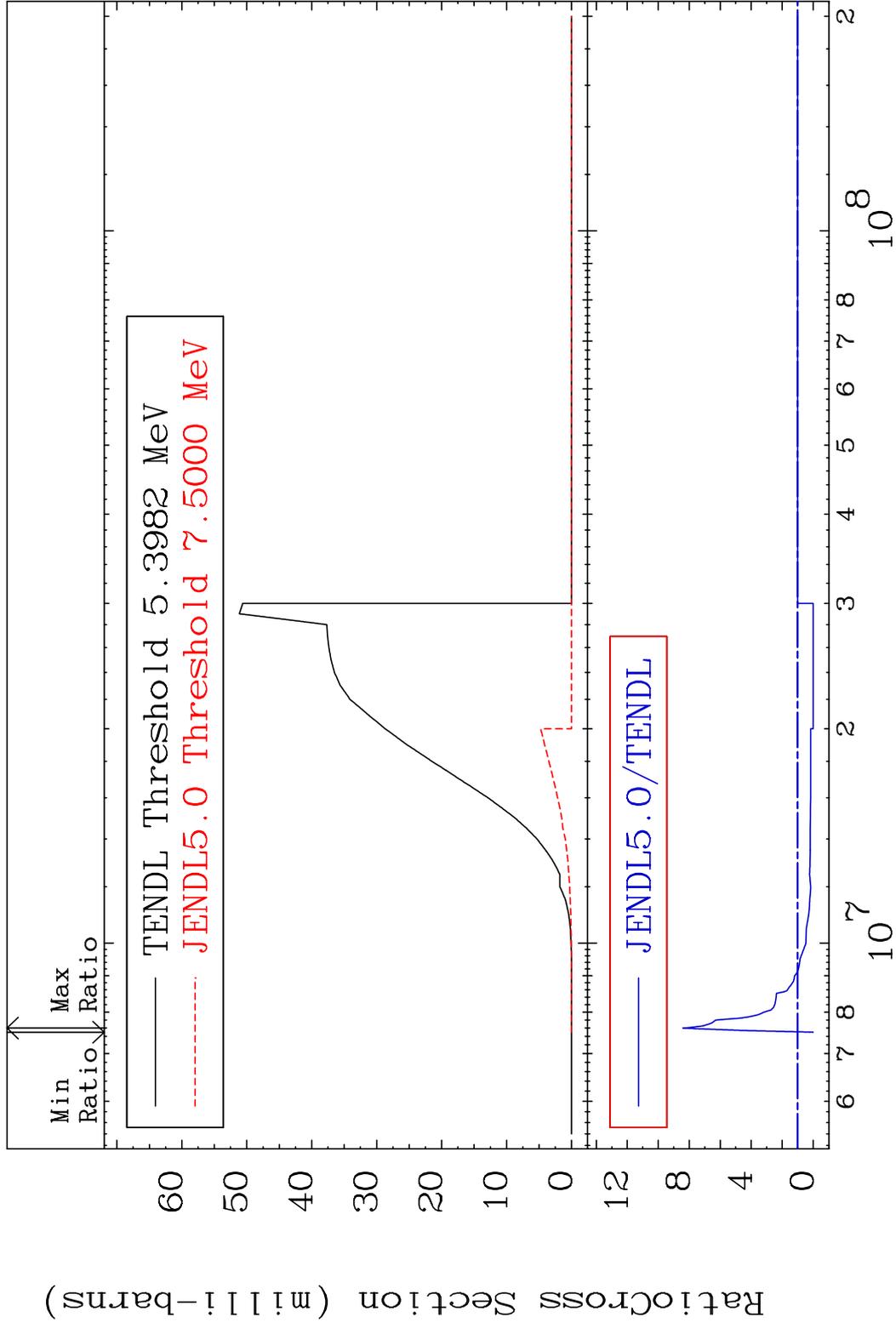
MAT 4225 (n,p):41-Nb-92m1 42-Mo-92
 Radionuclide Production Cross Section 180.01 dth 39.53 %



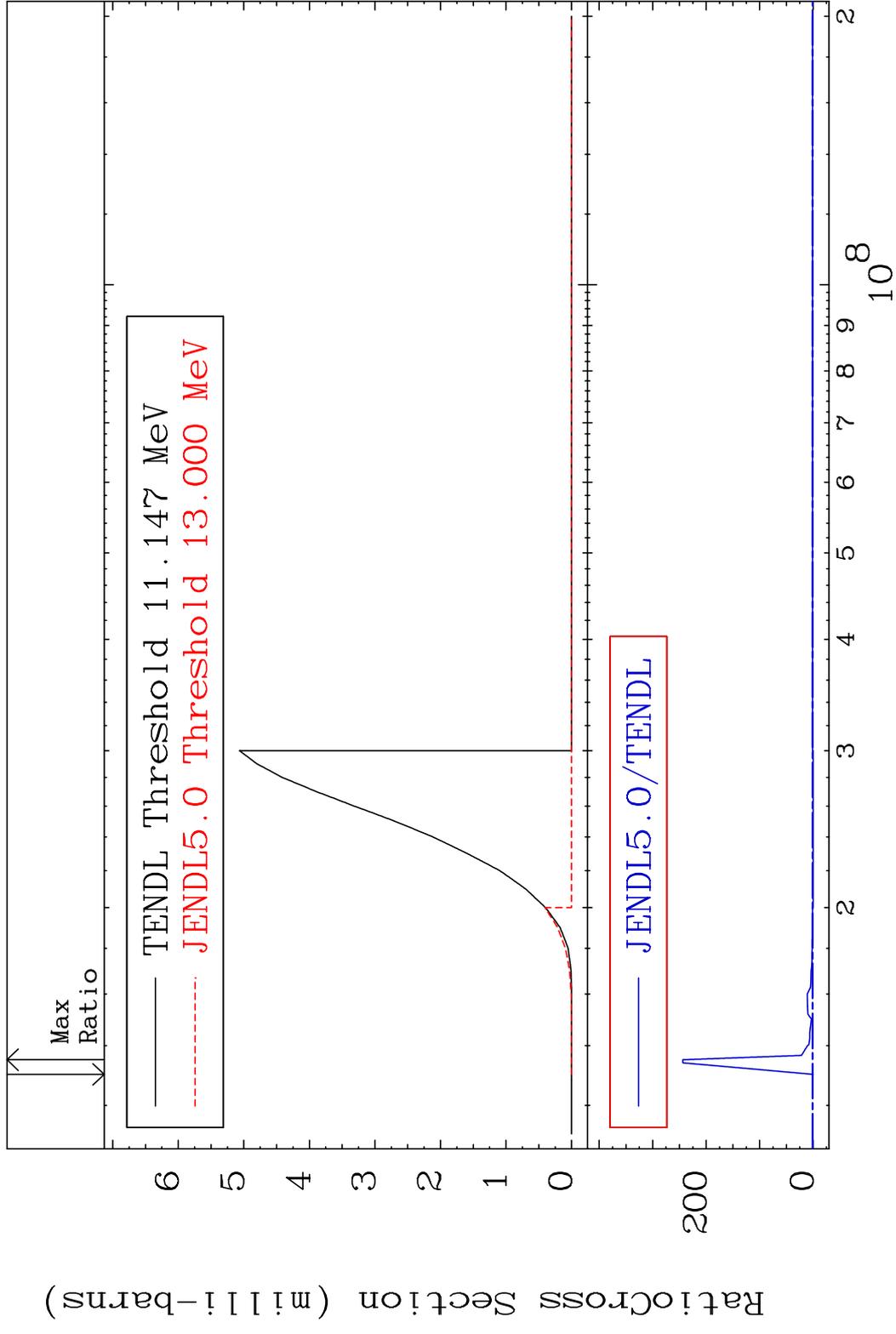
MAT 4225 (n, d): 41-Nb-91g 42-Mo-92
 Radionuclide Production Cross Section 180.0 dth 538.3 %

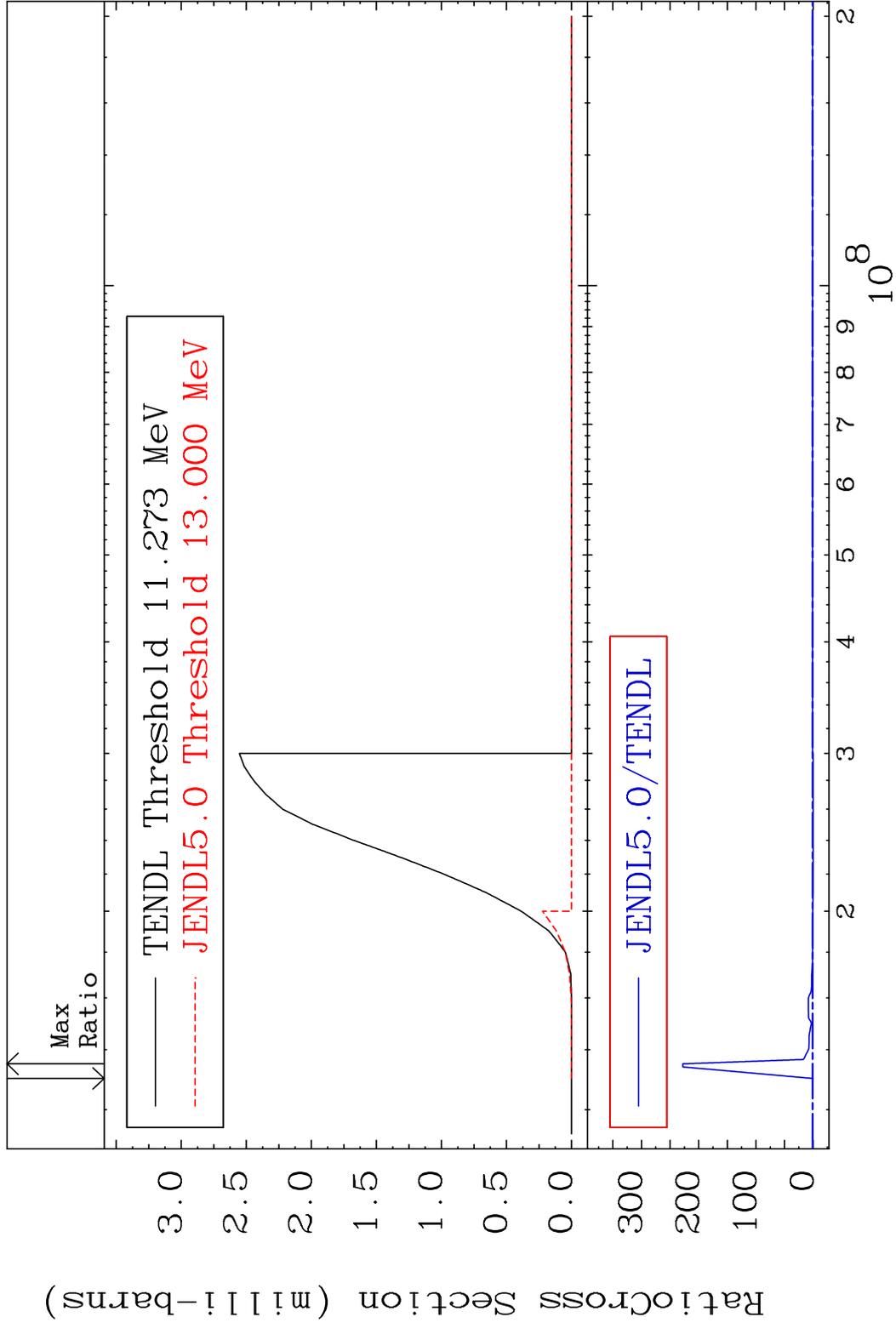


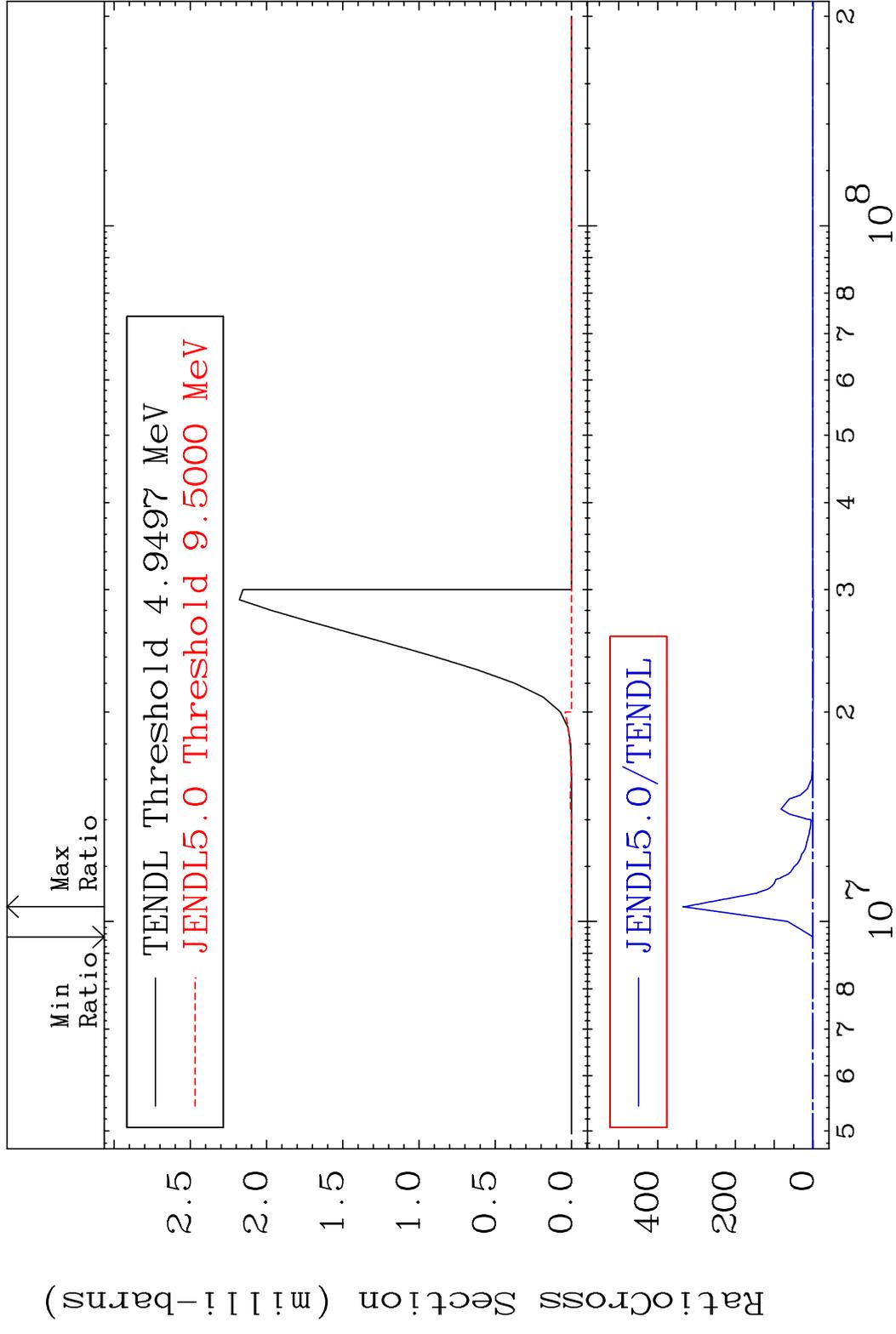
MAT 4225 (n,d):41-Nb-91m1 42-Mo-92
 Radionuclide Production Cross Section 180.0 dth 741.4 %

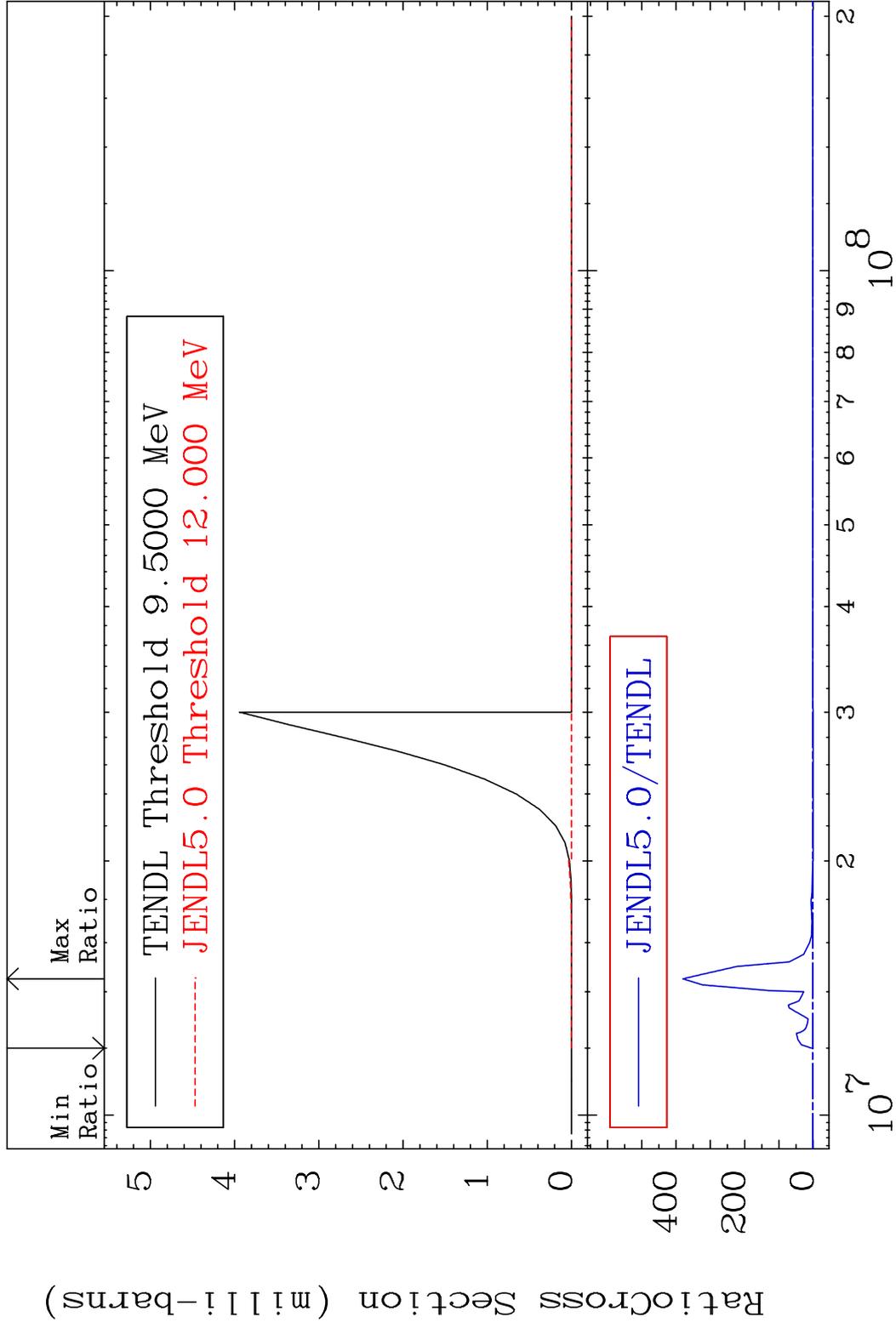


64 Incident Energy (eV) 42-Mo-92

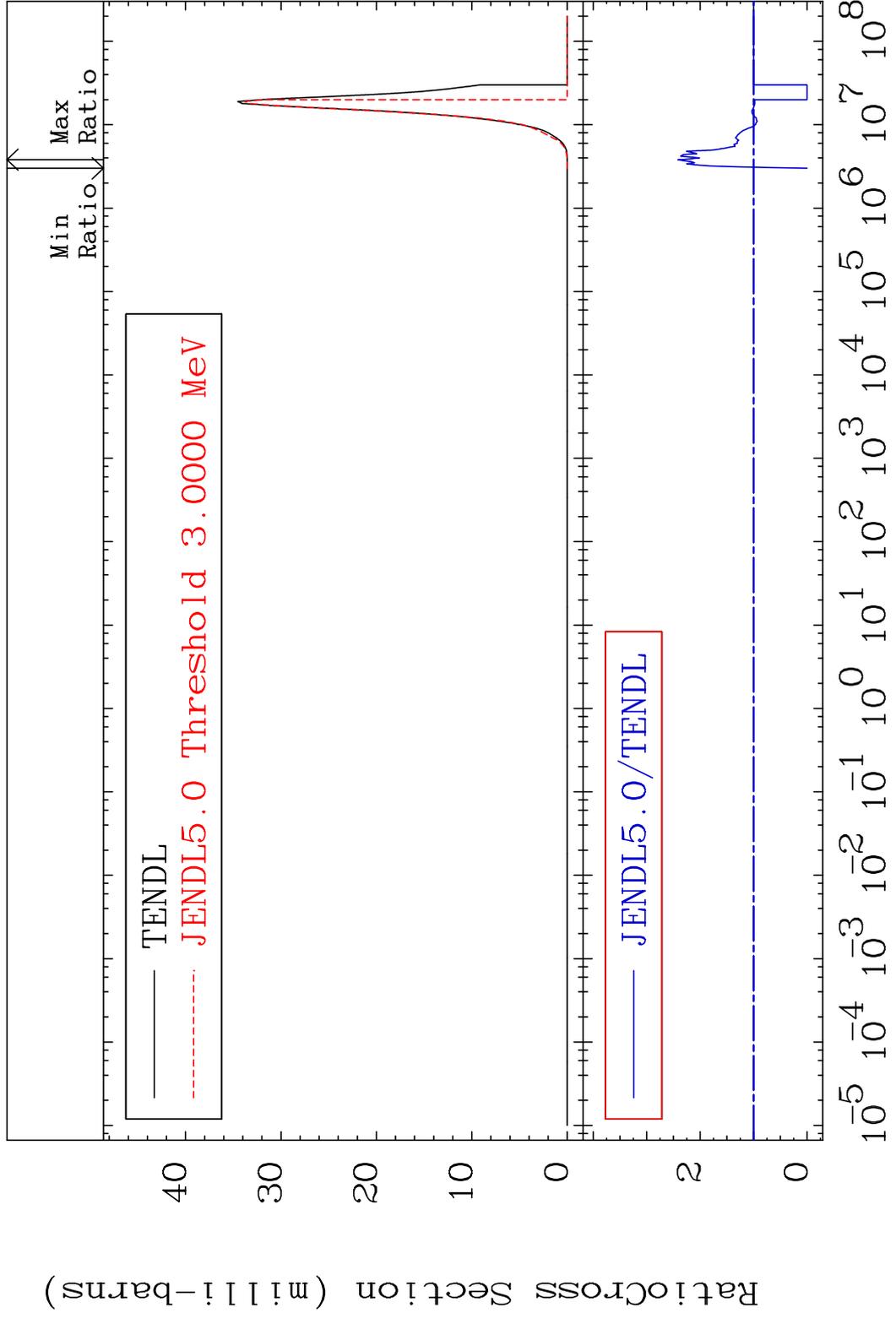




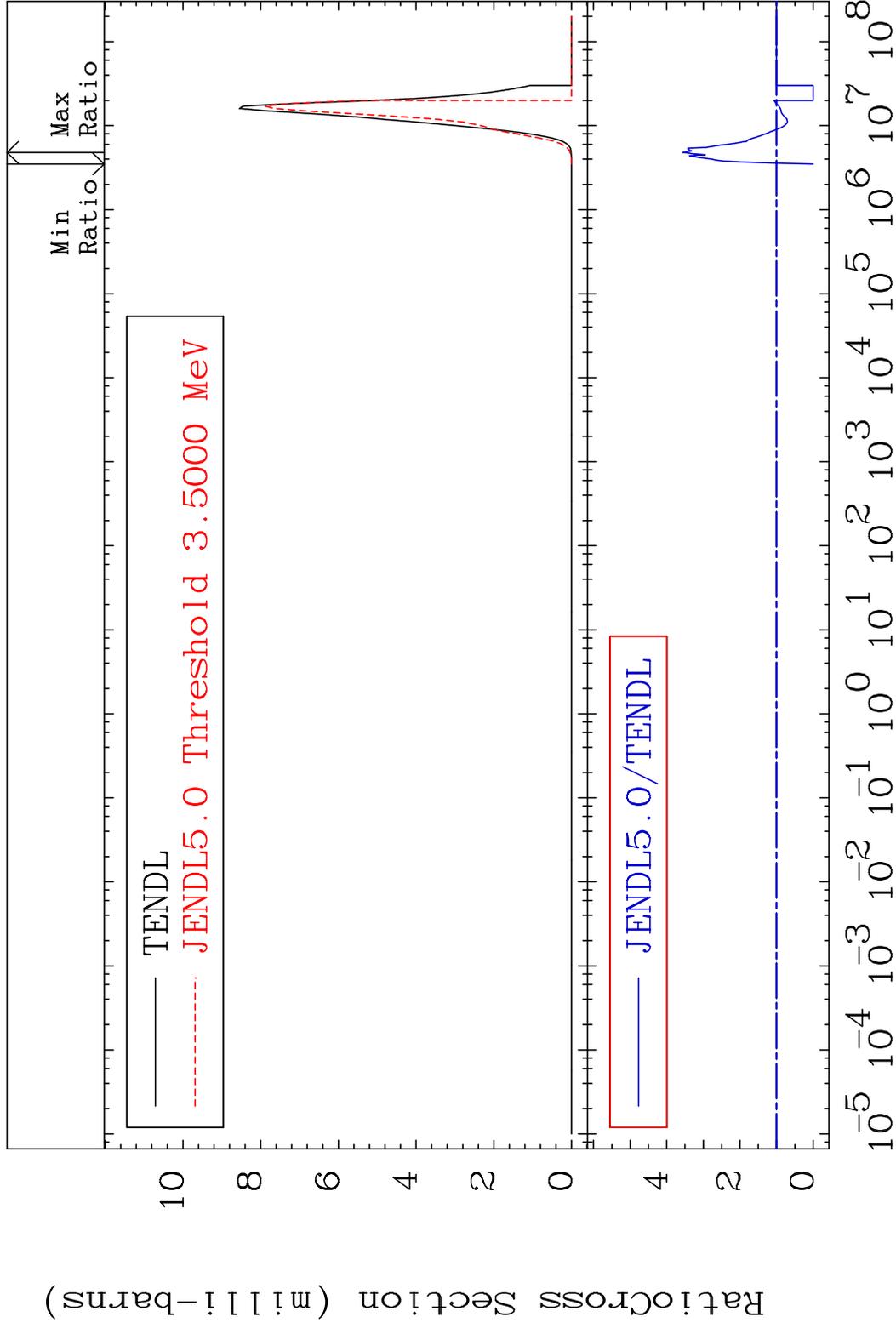




MAT 4225 (n, α): 40-Zr-89g 42-Mo-92
 Radionuclide Production Cross Section Ratio 142.0 %



MAT 4225 (n,α): 40-Zr-89m1 42-Mo-92
 Radionuclide Production Cross Section 180.0 mb 256.0 %



70 Incident Energy (eV) 42-Mo-92