

Program Complot
(Version 2021-1)

by

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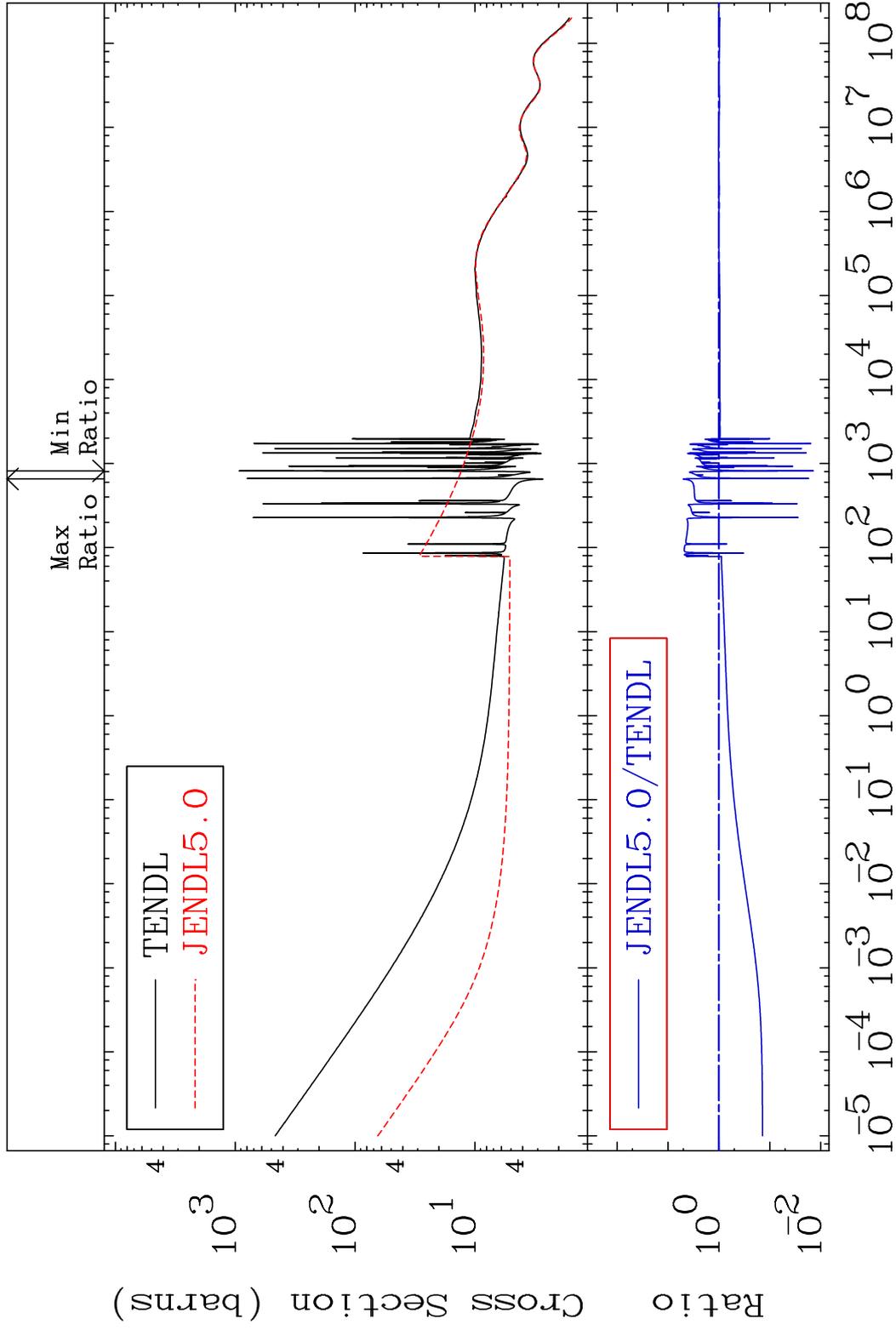
Press Mouse Button to Start

MAT 4228

Total

42-Mo-93

Cross Section -98.59 To 413.1 %



1

Incident Energy (eV)

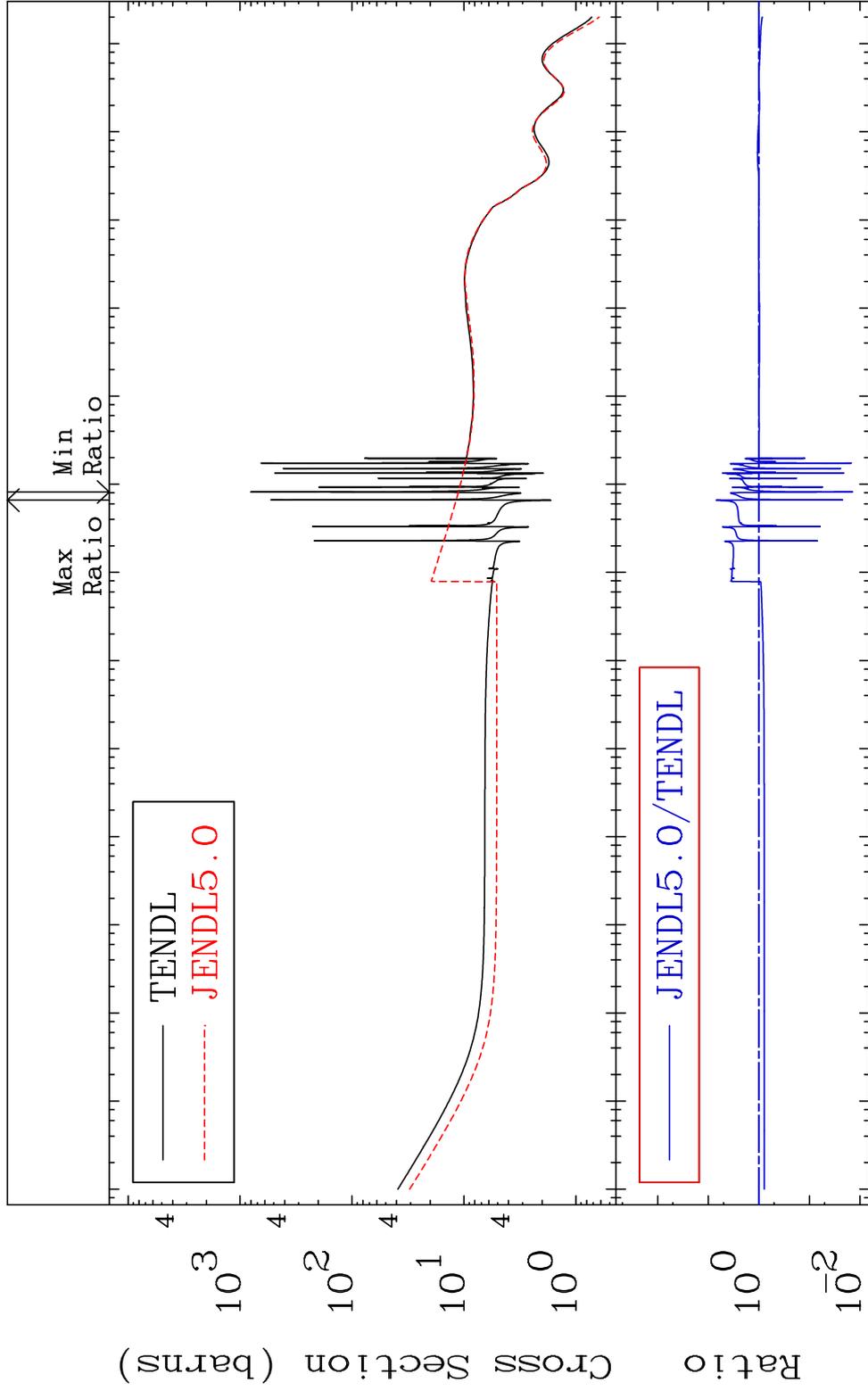
42-Mo-93

MAT 4228

Elastic

42-Mo-93

Cross Section -98.59 To 606.3 %

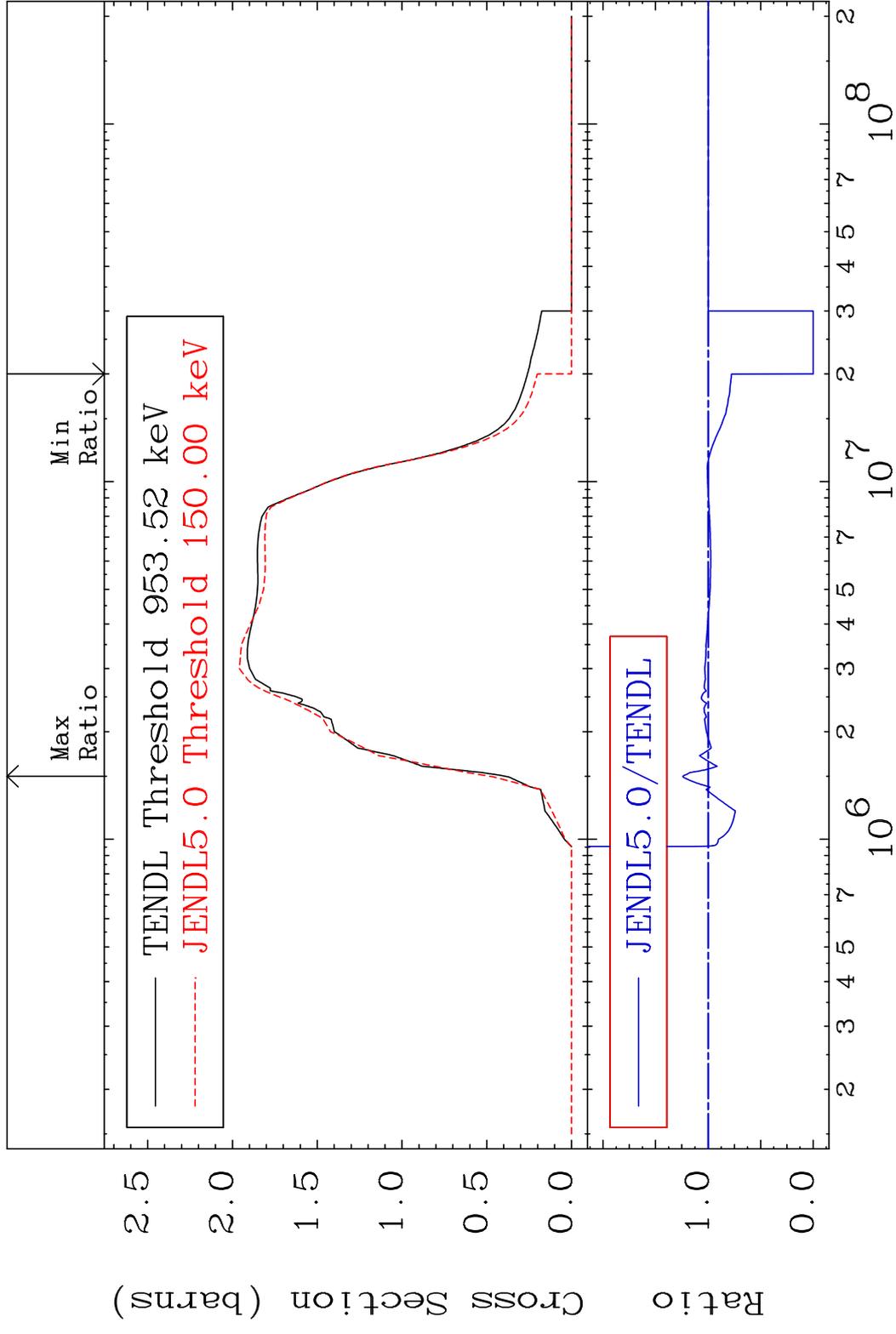


2

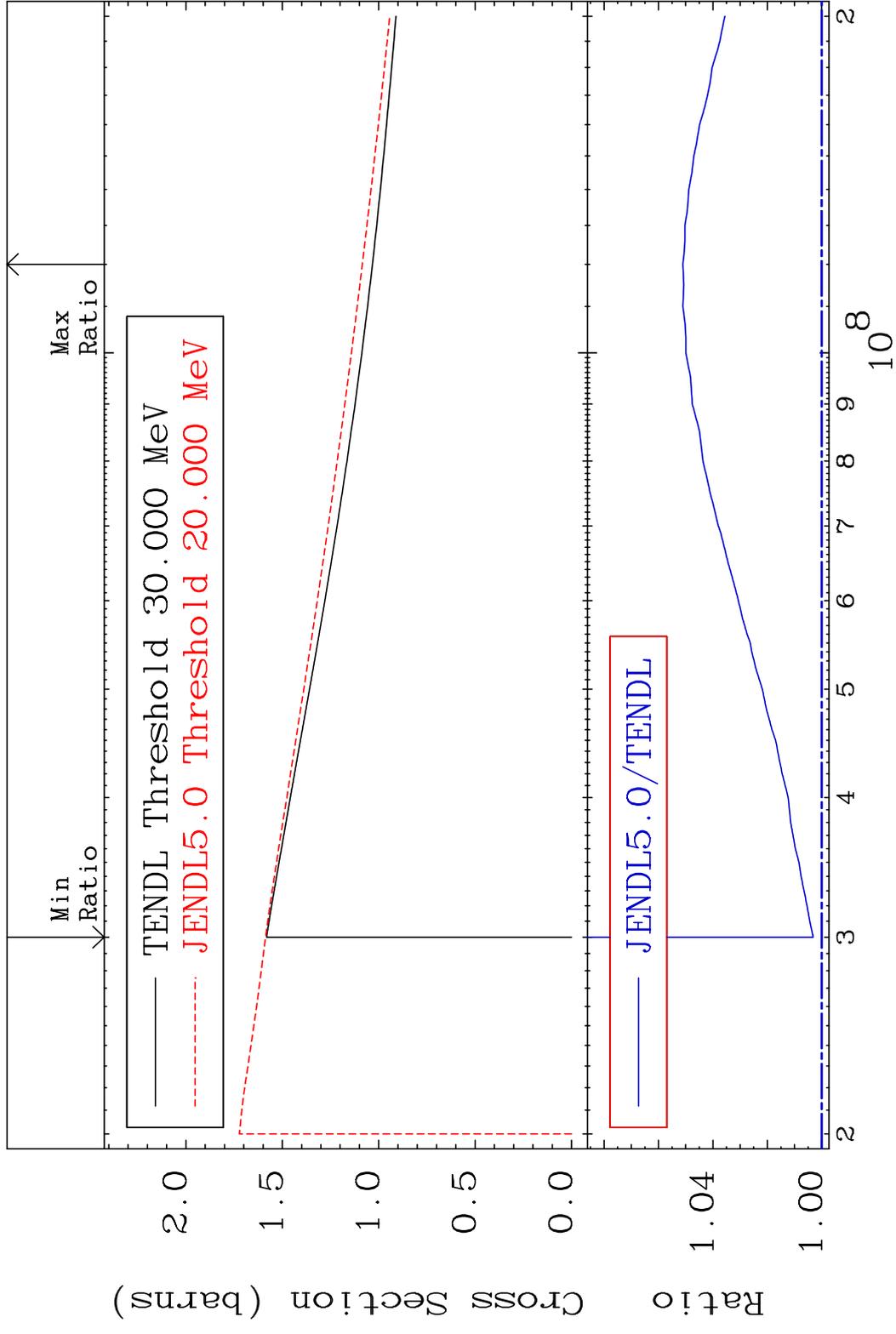
Incident Energy (eV)

42-Mo-93

MAT 4228 Inelastic Cross Section -100.0 To 24.05 % 42-Mo-93



MAT 4228 (n, remainder) 42-Mo-93
 Cross Section 0.316 To 5.105 %



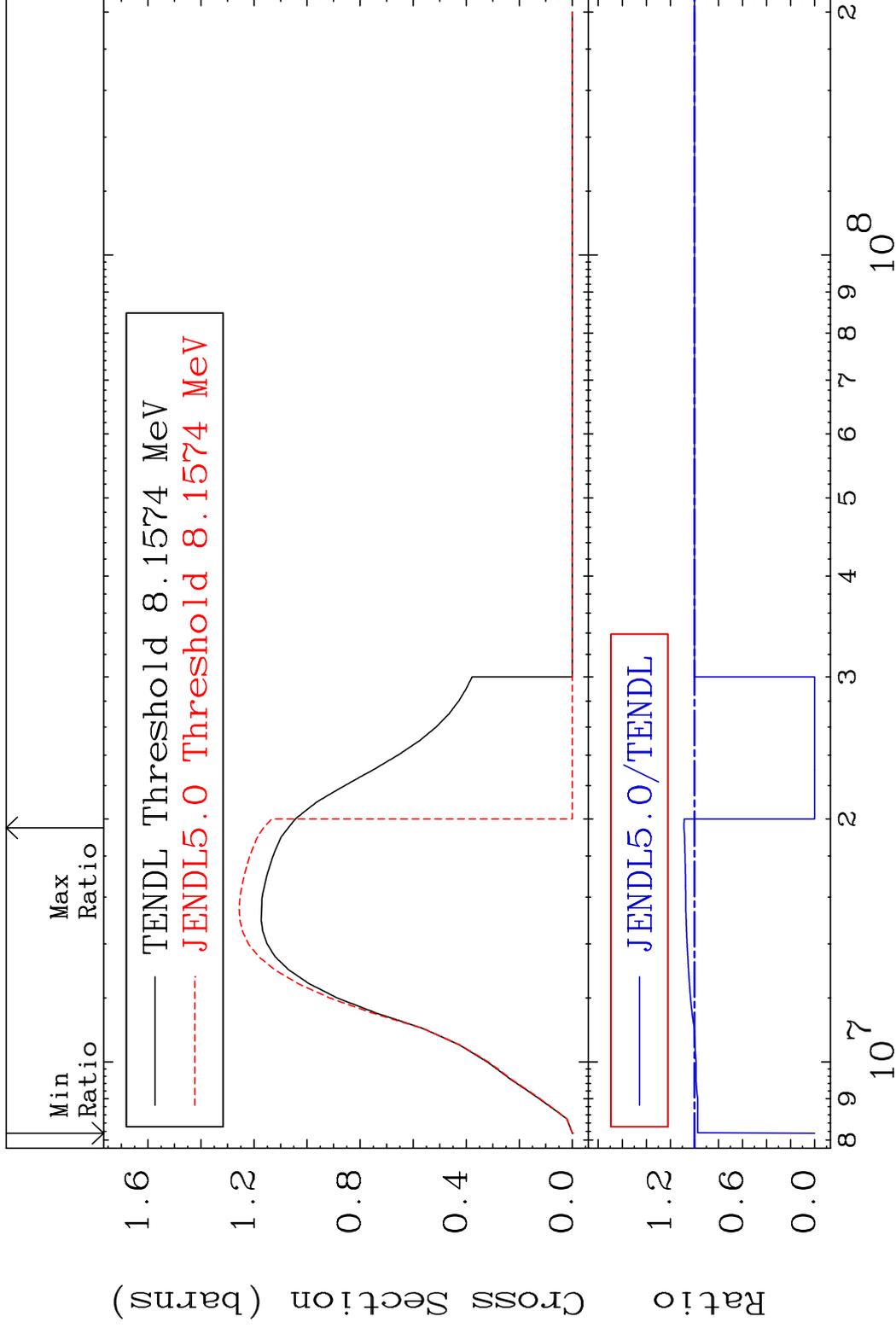
4 Incident Energy (eV) 42-Mo-93

MAT 4228

(n,2n)

42-Mo-93

Cross Section -100.0 To 8.716 %

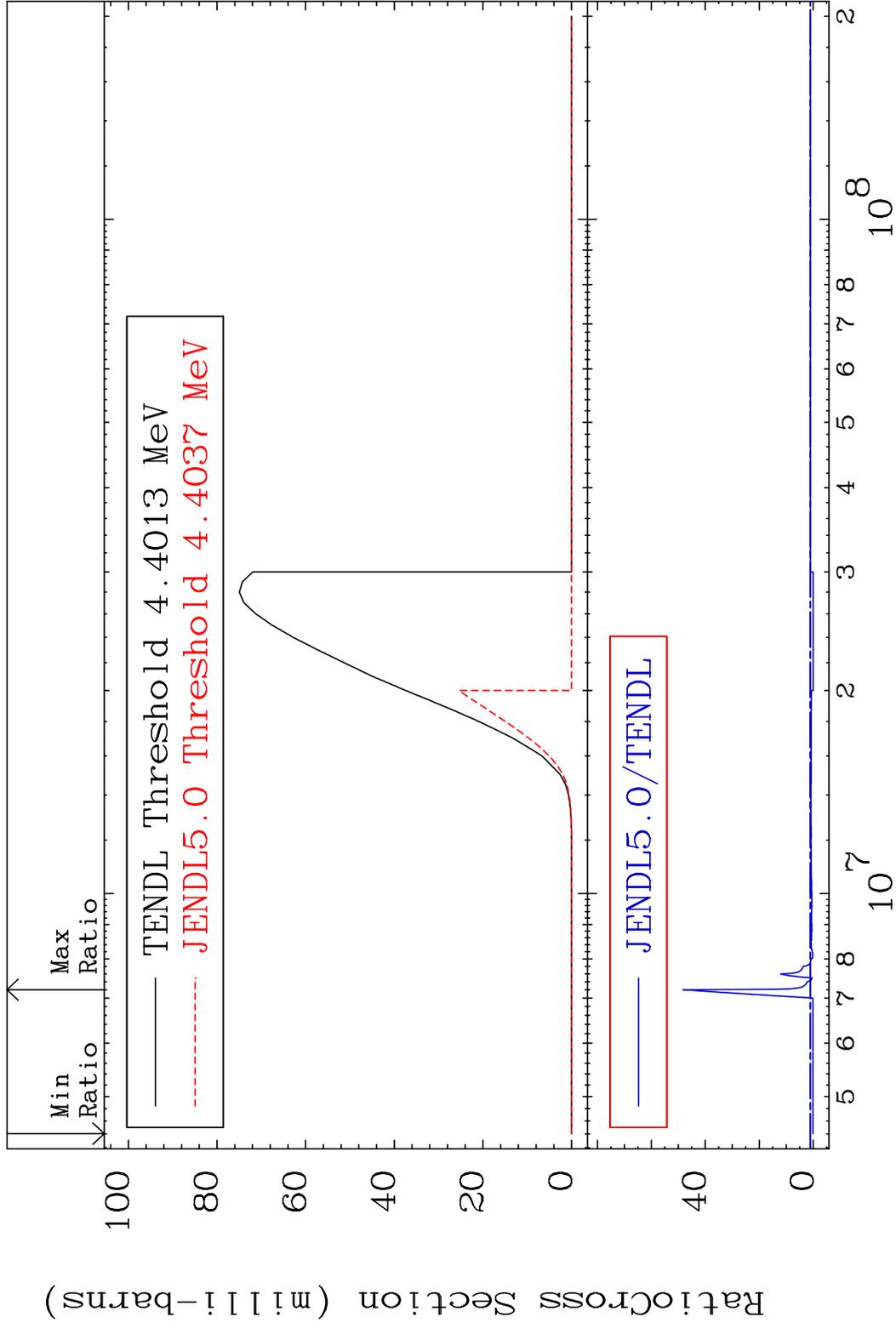


5

Incident Energy (eV)

42-Mo-93

MAT 4228 (n, n') α 42-Mo-93
 Cross Section -100.0 To 4734. %

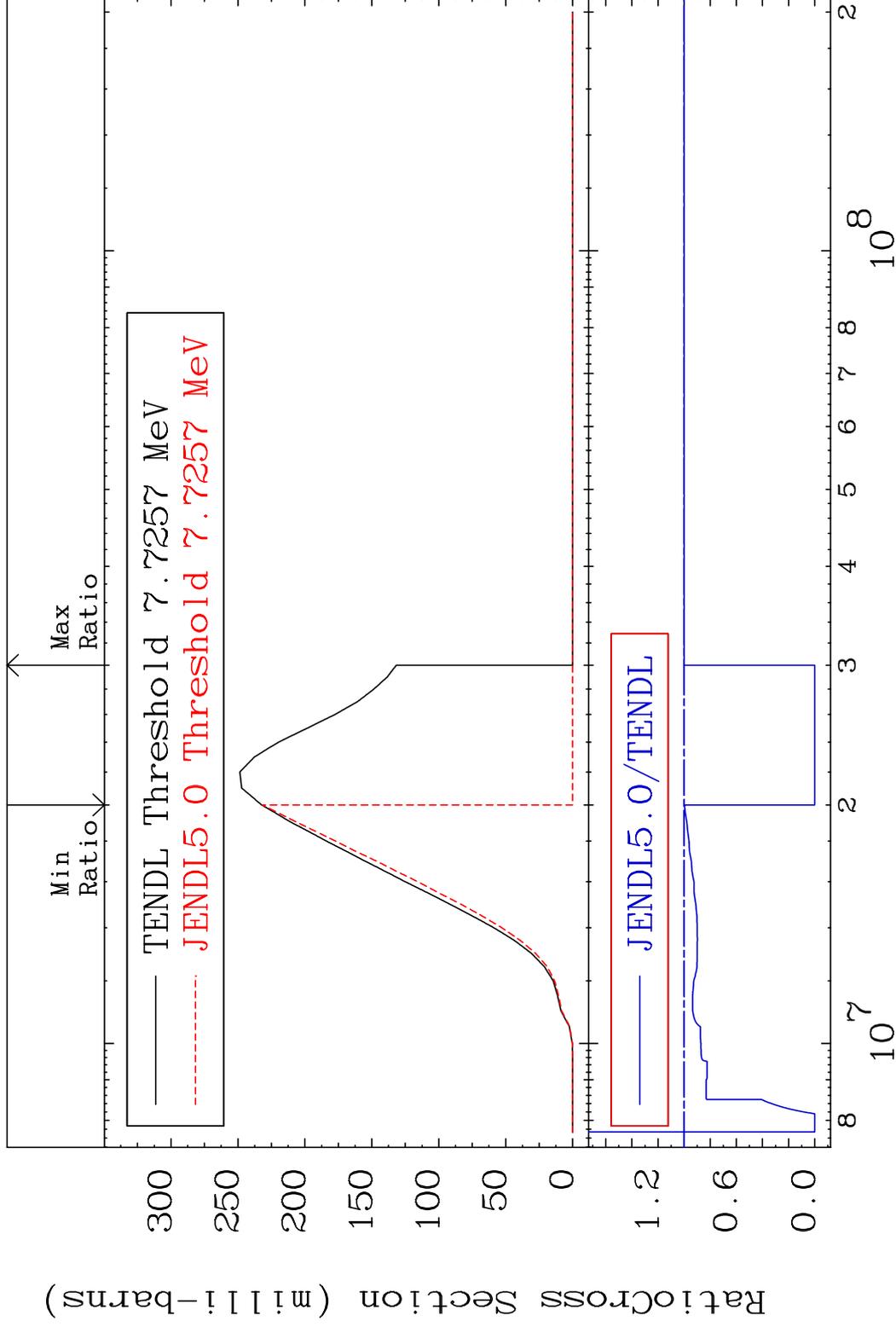


MAT 4228

(n, n') p

42-Mo-93

Cross Section -100.0 To 0.000 %

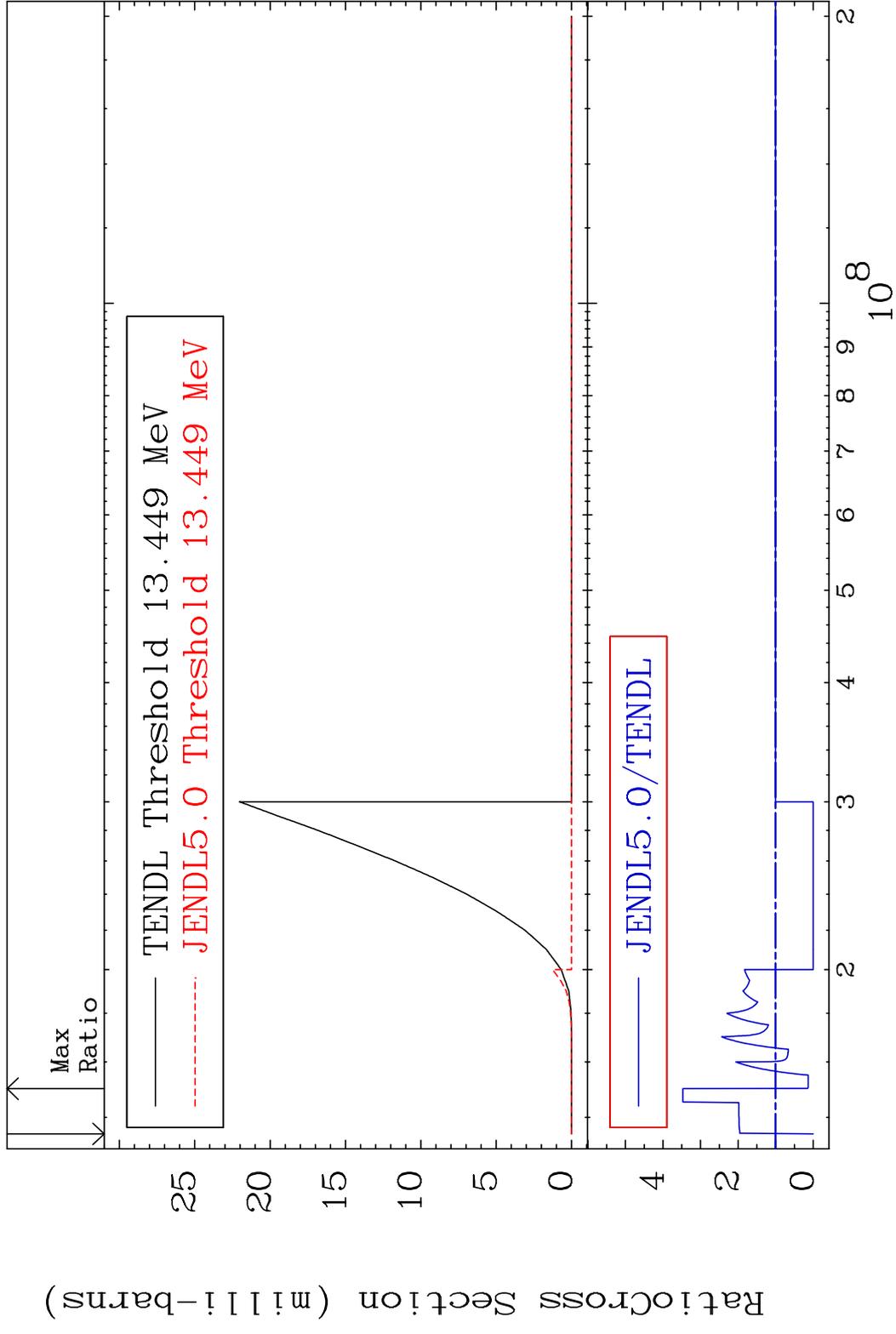


7

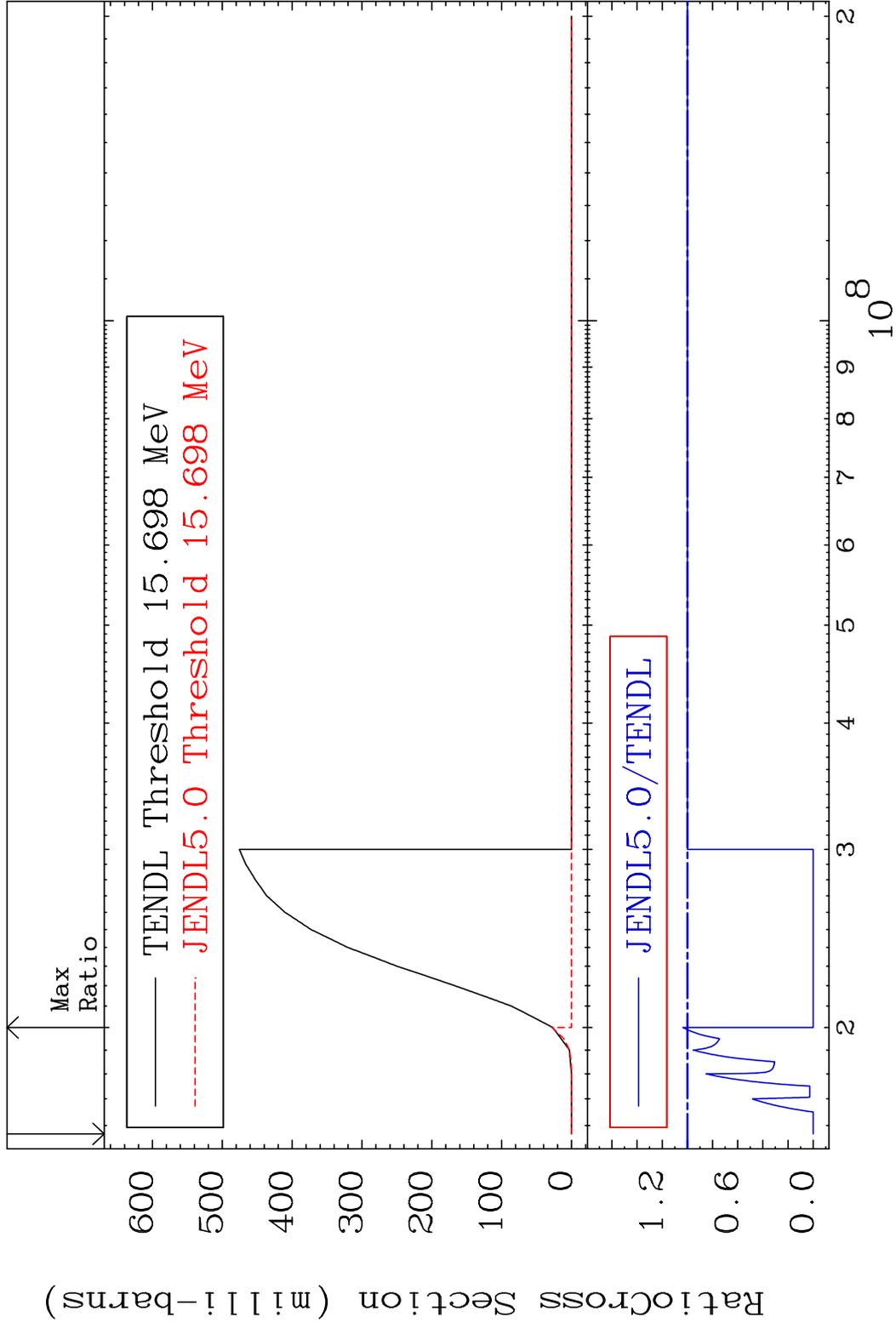
Incident Energy (eV)

42-Mo-93

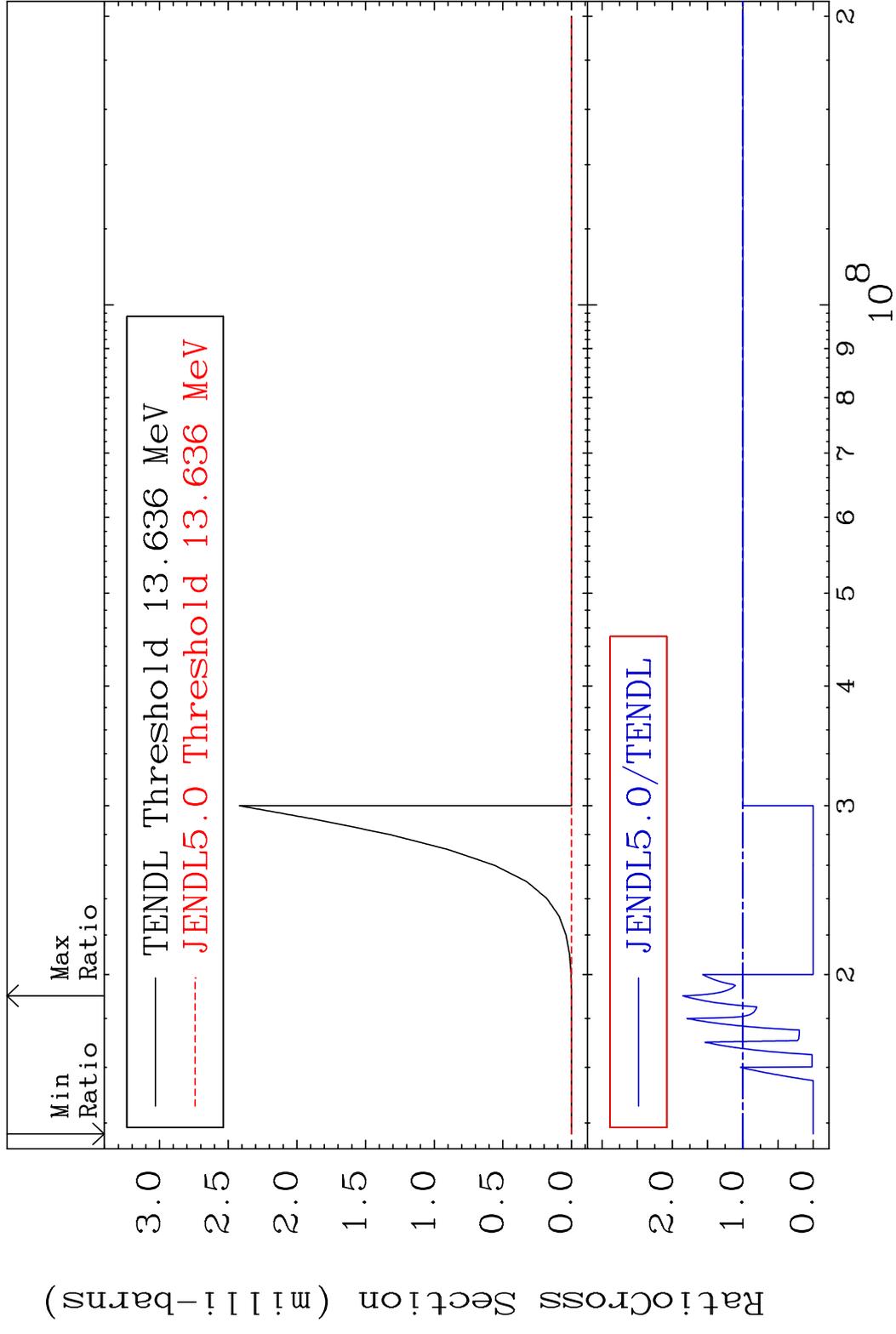
MAT 4228 (n, n') d 42-Mo-93
 Cross Section -100.0 To 247.1 %



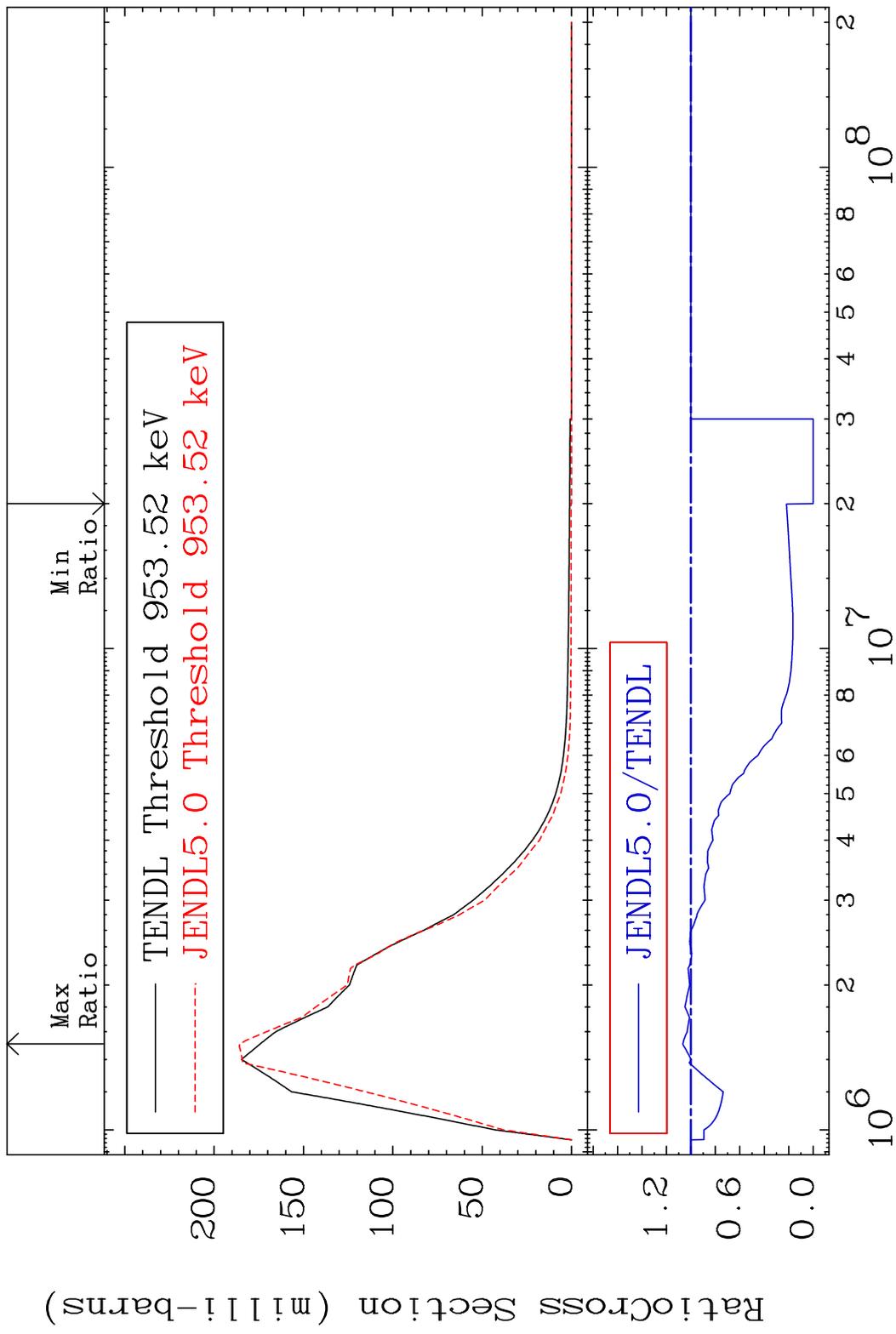
MAT 4228 (n,2n) p 42-Mo-93
 Cross Section -100.0 To 3.614 %



MAT 4228 (n,2n) p 42-Mo-93
 Cross Section -100.0 To 85.22 %

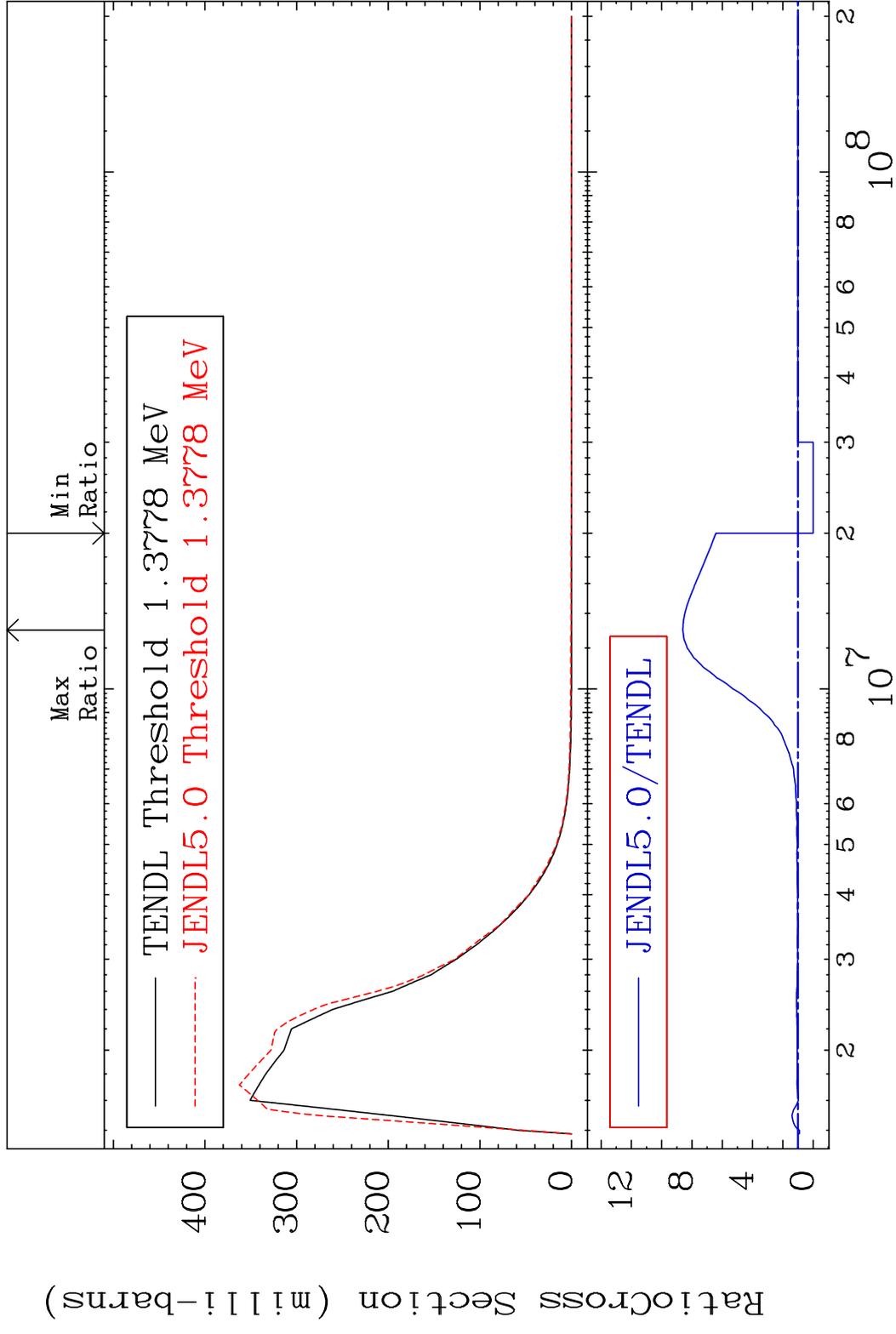


MAT 4228 MT= 51 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 6.601 %

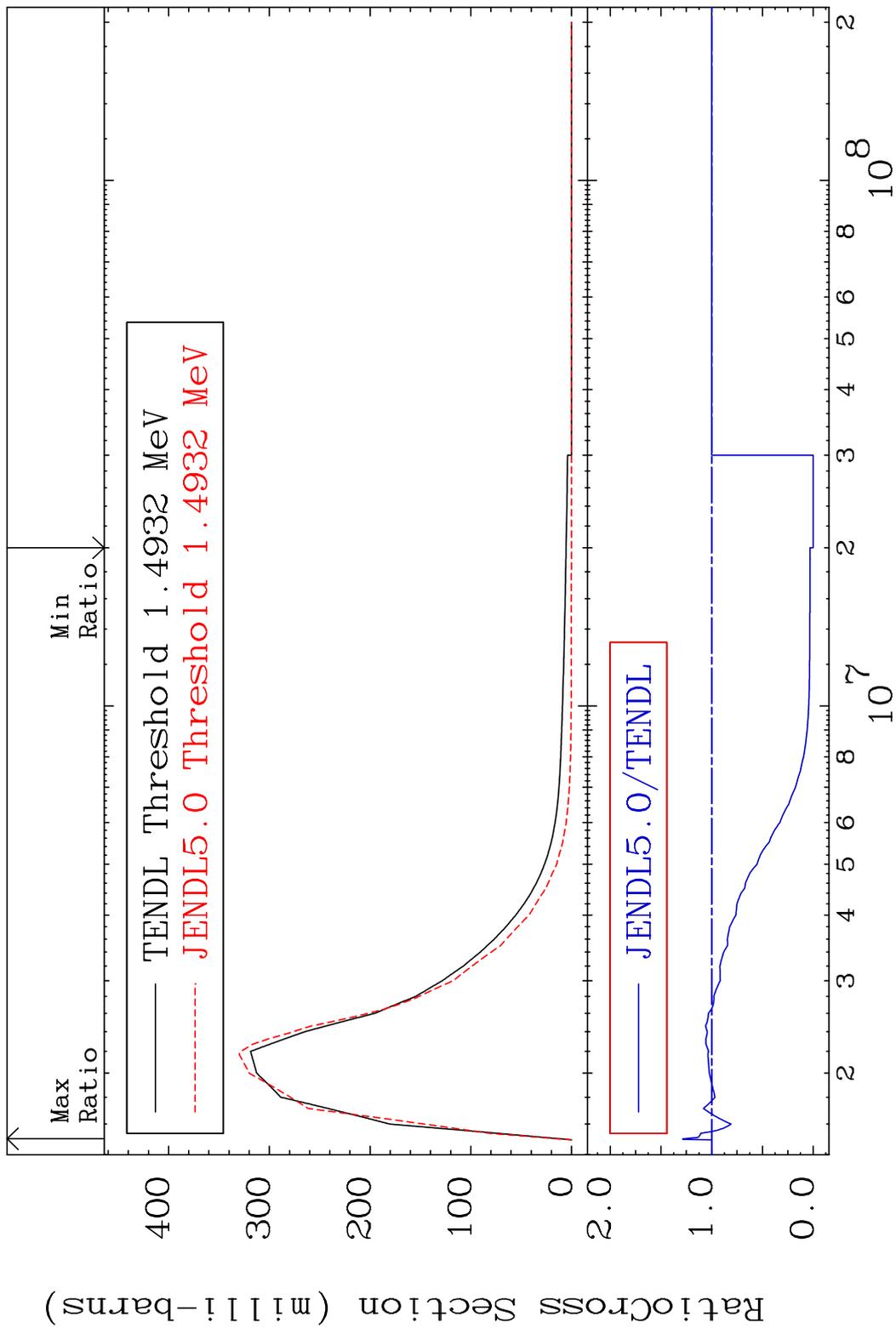


11 Incident Energy (eV) 42-Mo-93

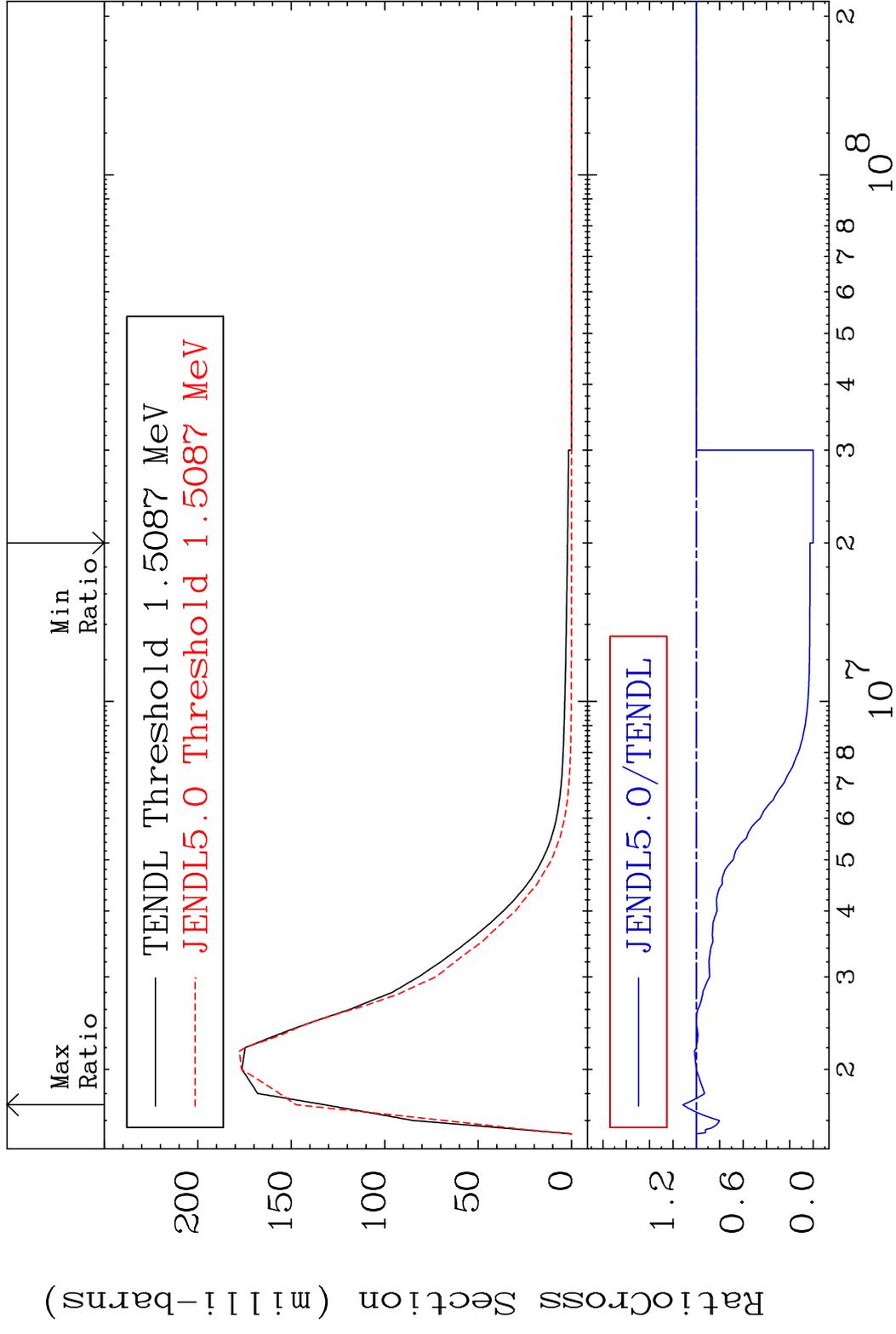
MAT 4228 MT= 52 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 760.4 %



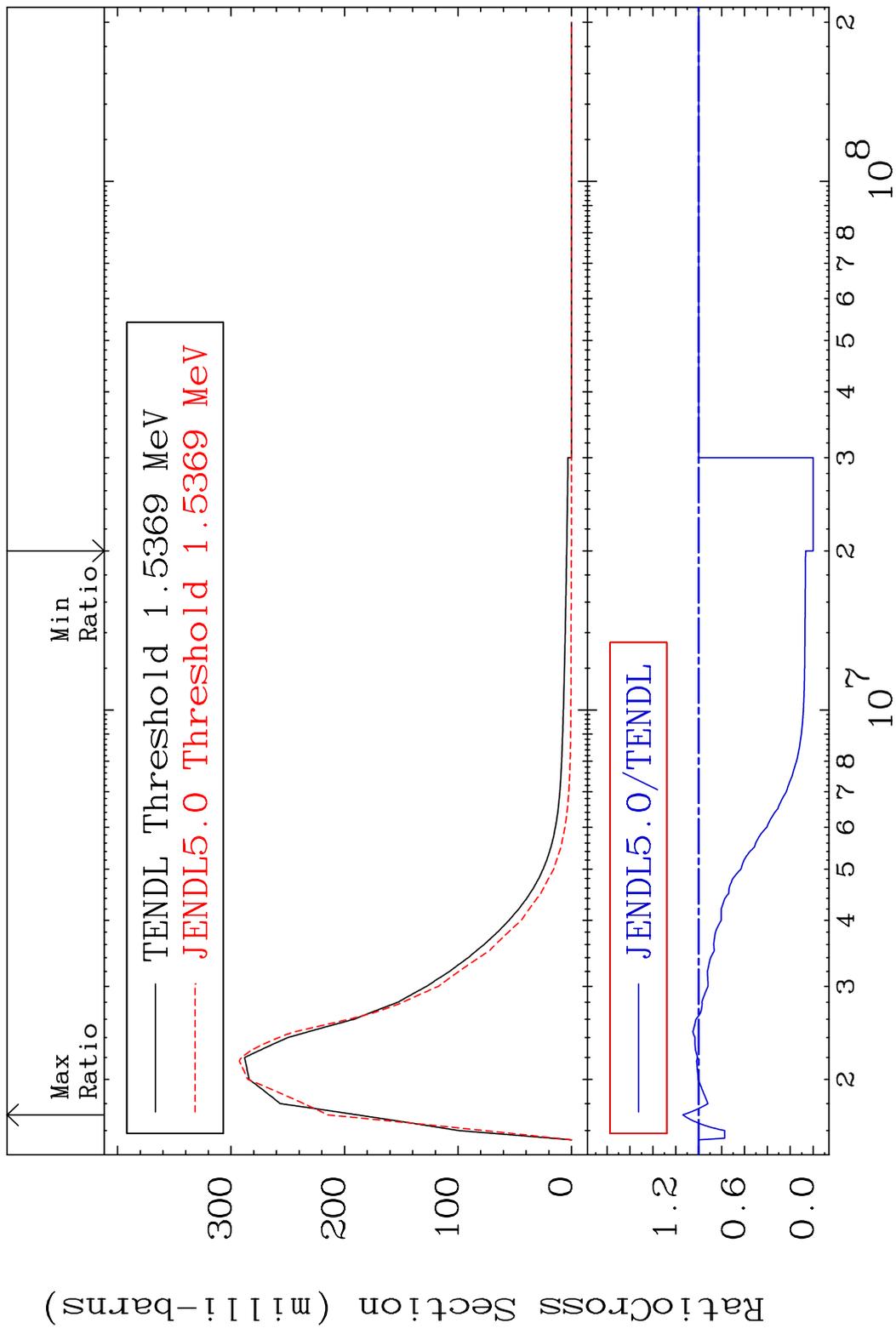
MAT 4228 MT= 53 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 28.45 %



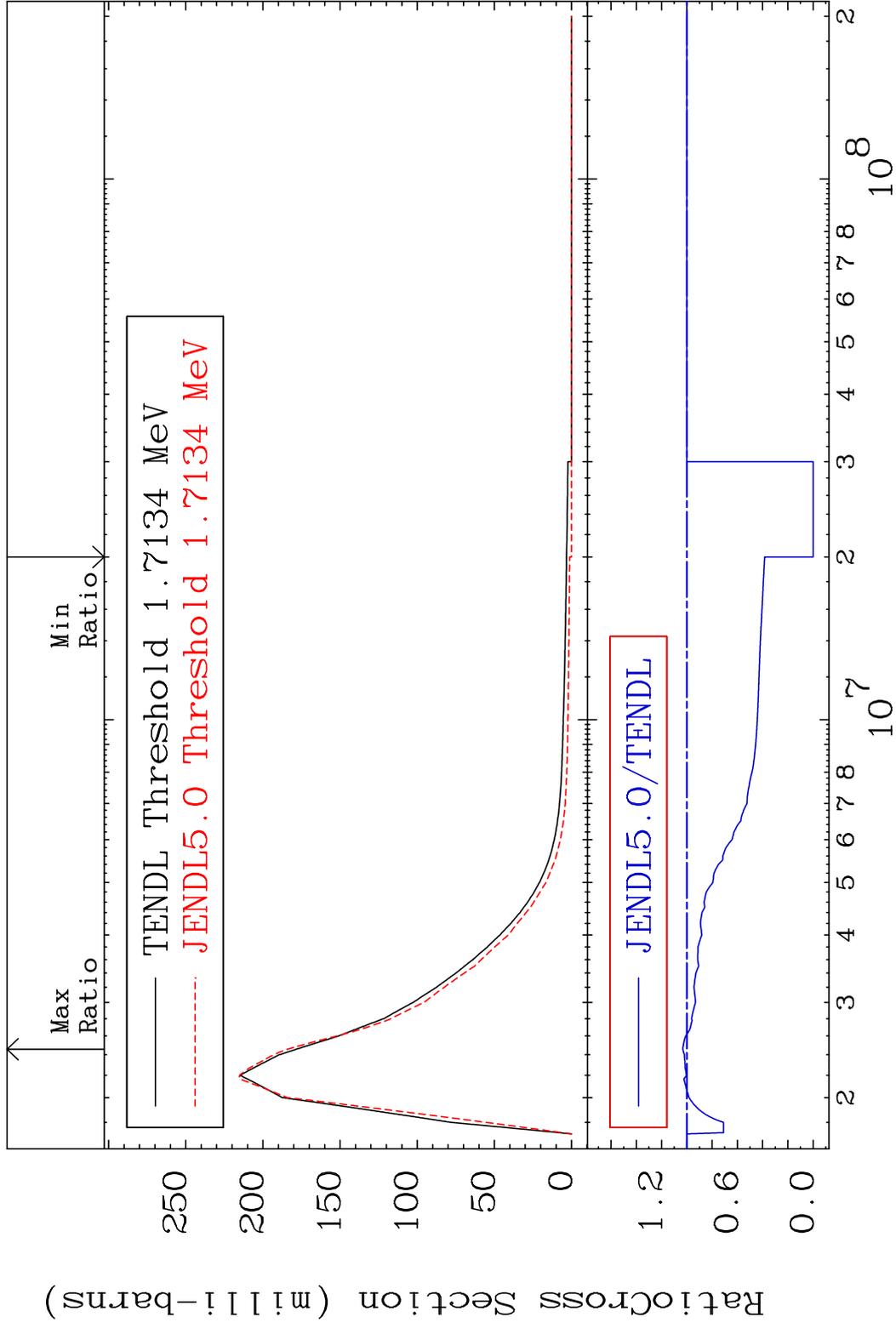
MAT 4228 MT= 54 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 11.58 %



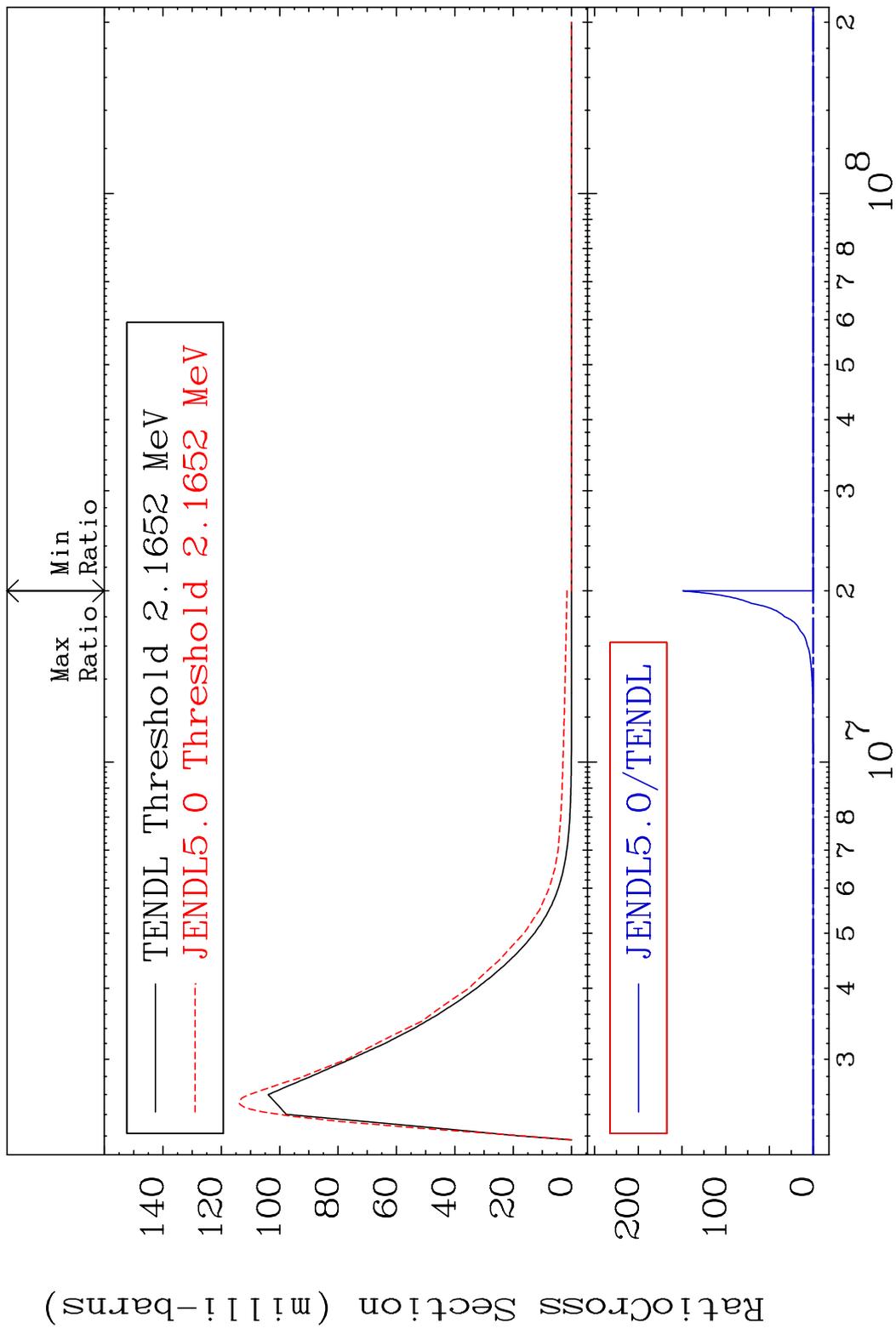
MAT 4228 MT= 55 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 13.86 %



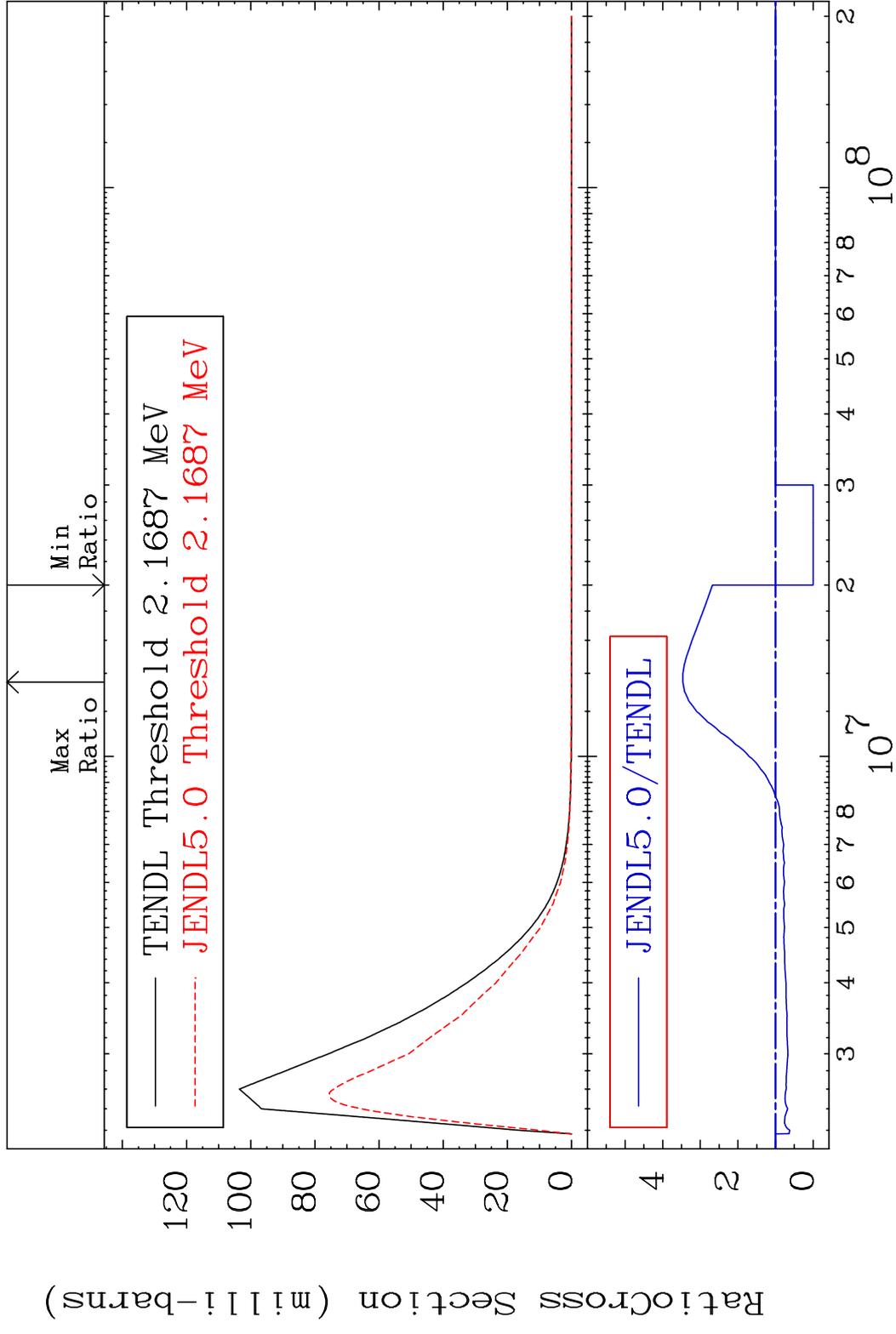
MAT 4228 MT= 56 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 3.180 %



MAT 4228 MT= 57 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 9999. %

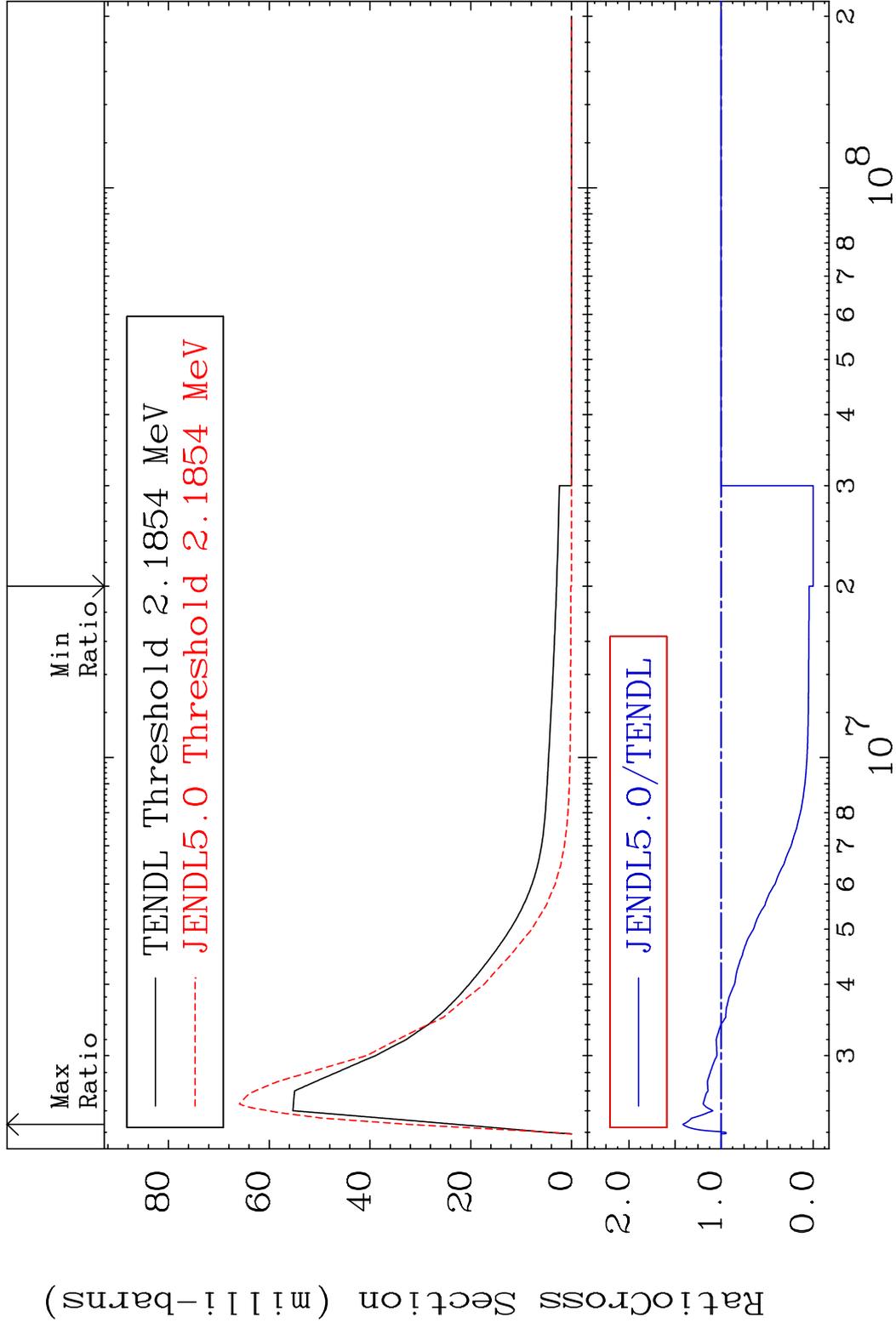


MAT 4228 MT= 58 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 246.4 %

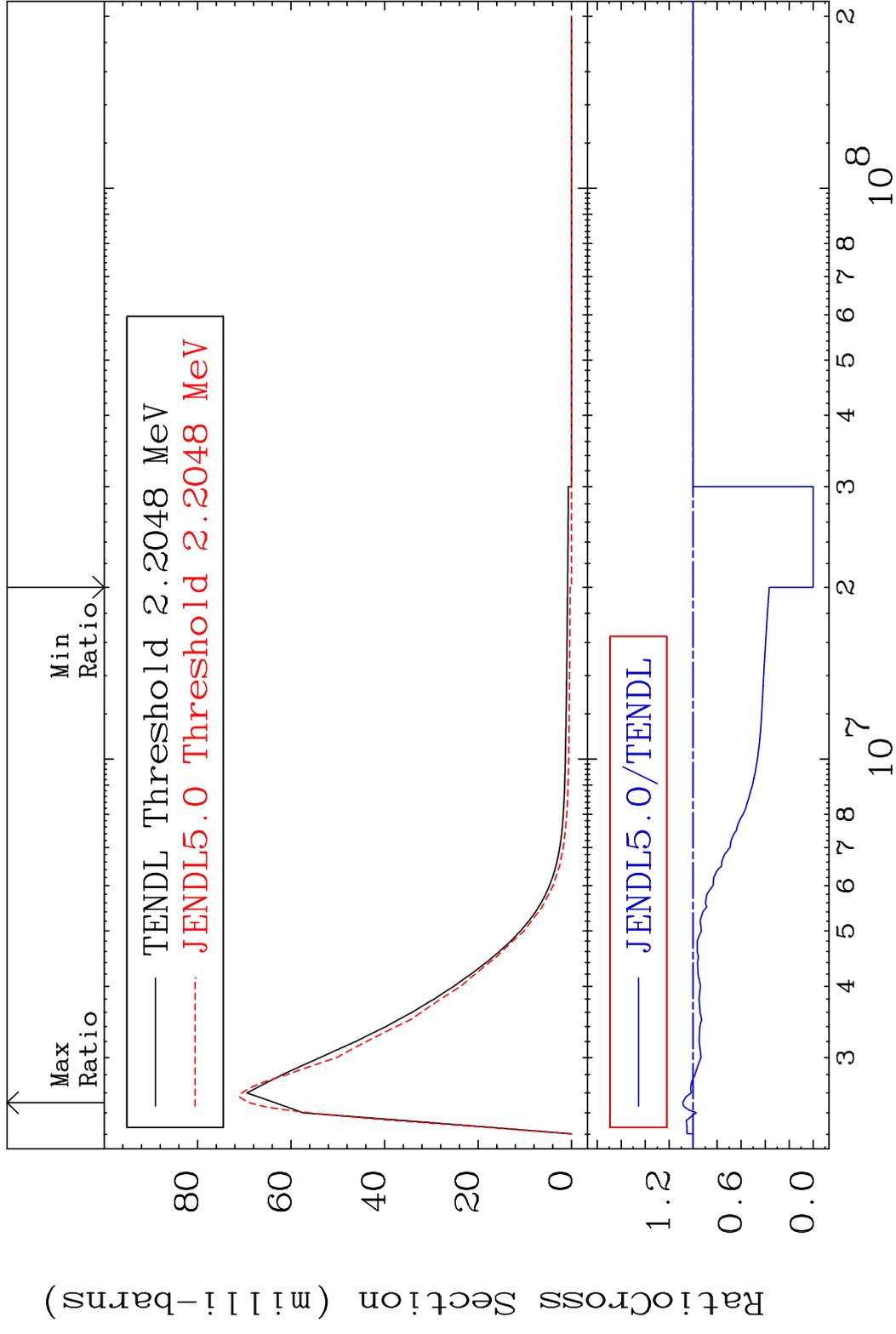


18 Incident Energy (eV) 42-Mo-93

MAT 4228 MT= 59 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 41.52 %

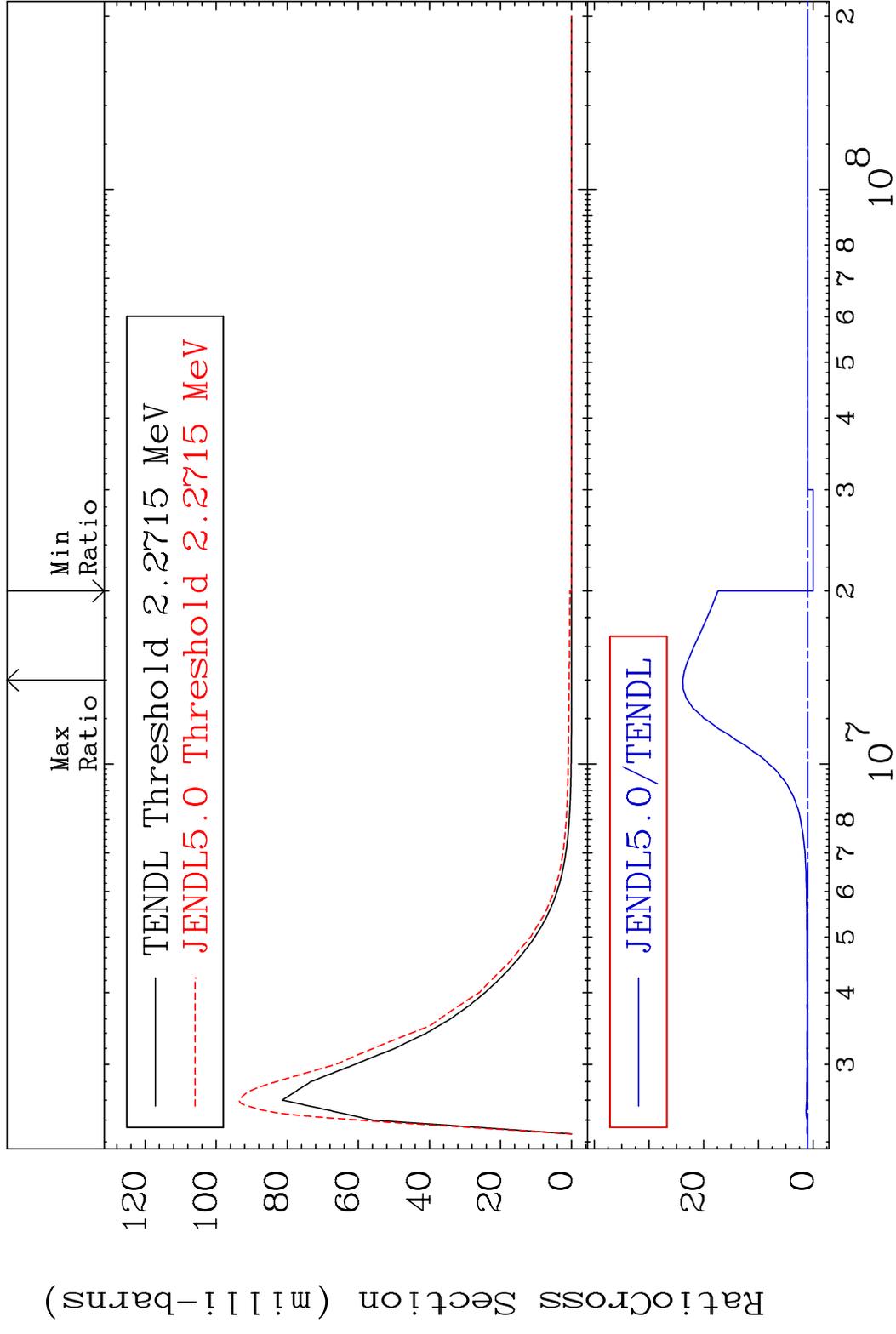


MAT 4228 MT= 60 (n,n') Level 42-Mo-93
 Cross Section -100.0 To 8.634 %

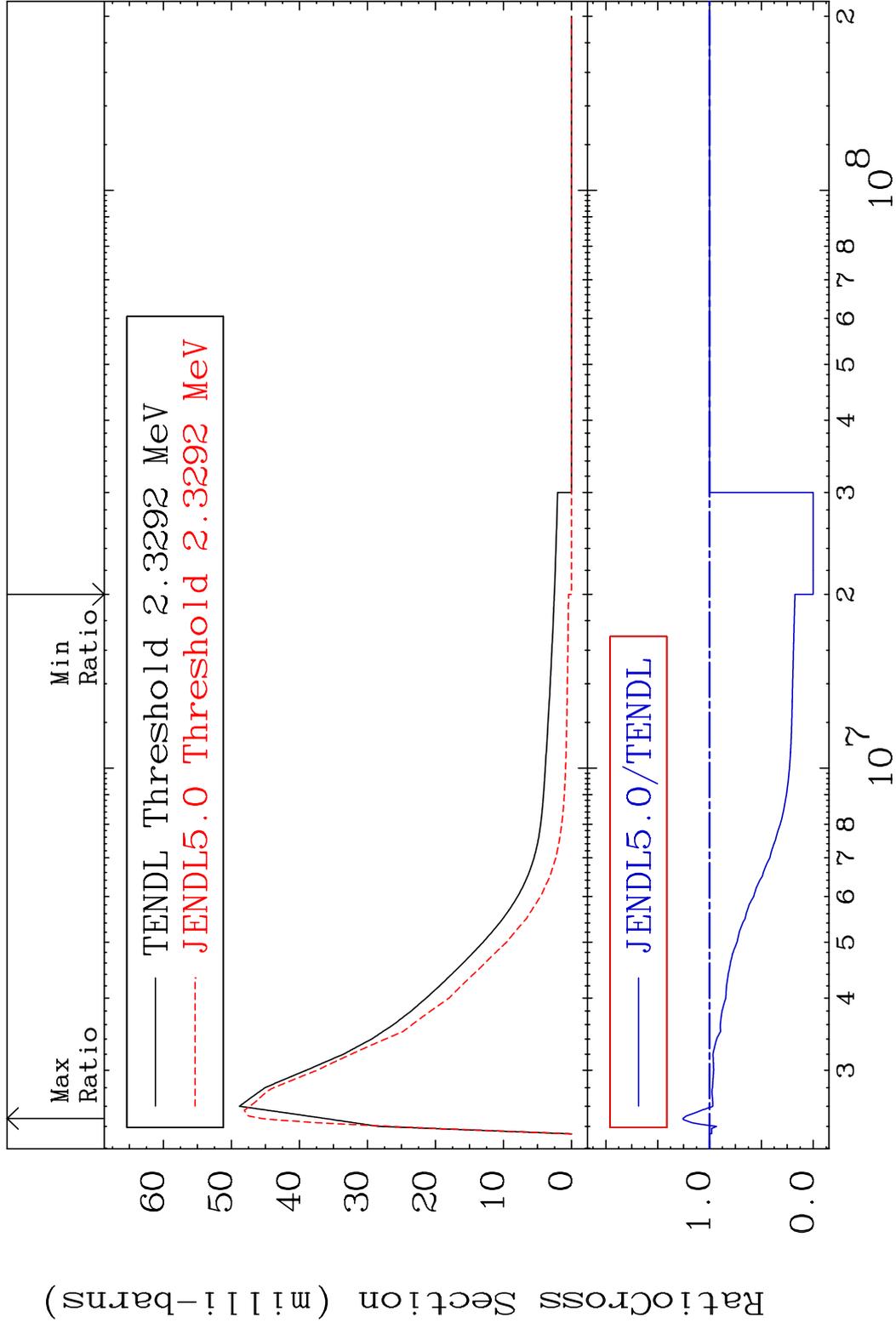


20 42-Mo-93

MAT 4228 MT= 61 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 2282. %

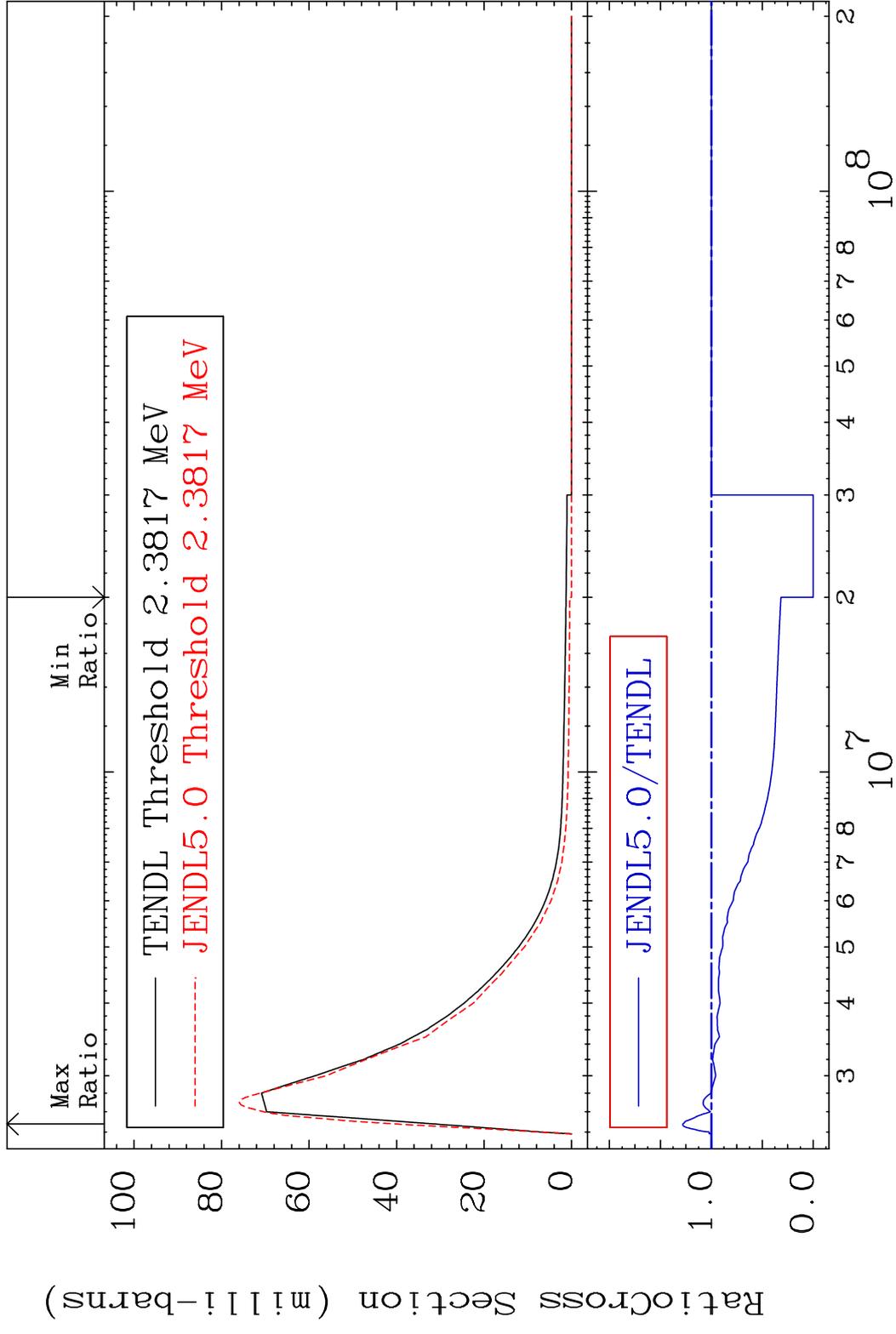


MAT 4228 MT= 62 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 25.72 %

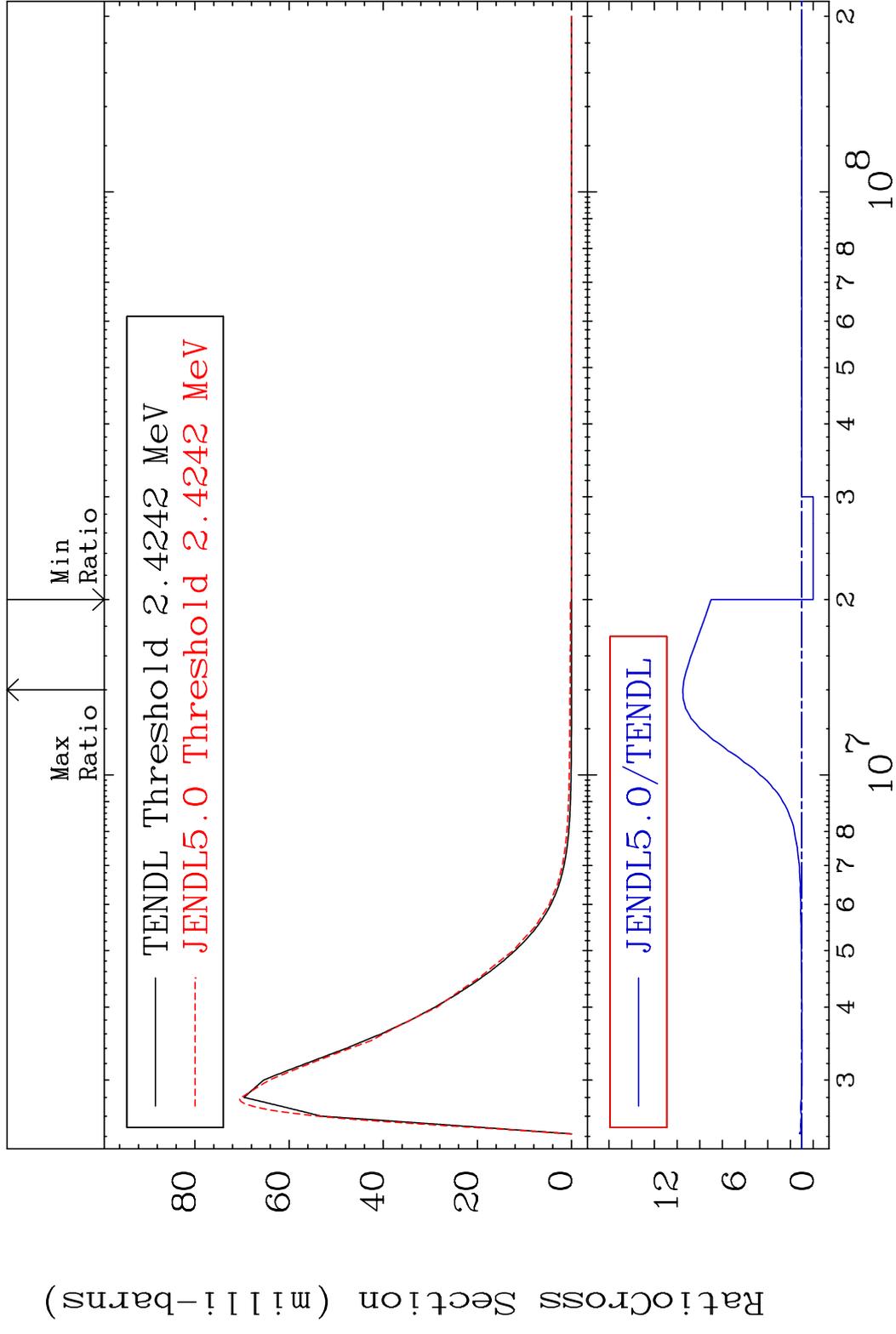


22 Incident Energy (eV) 42-Mo-93

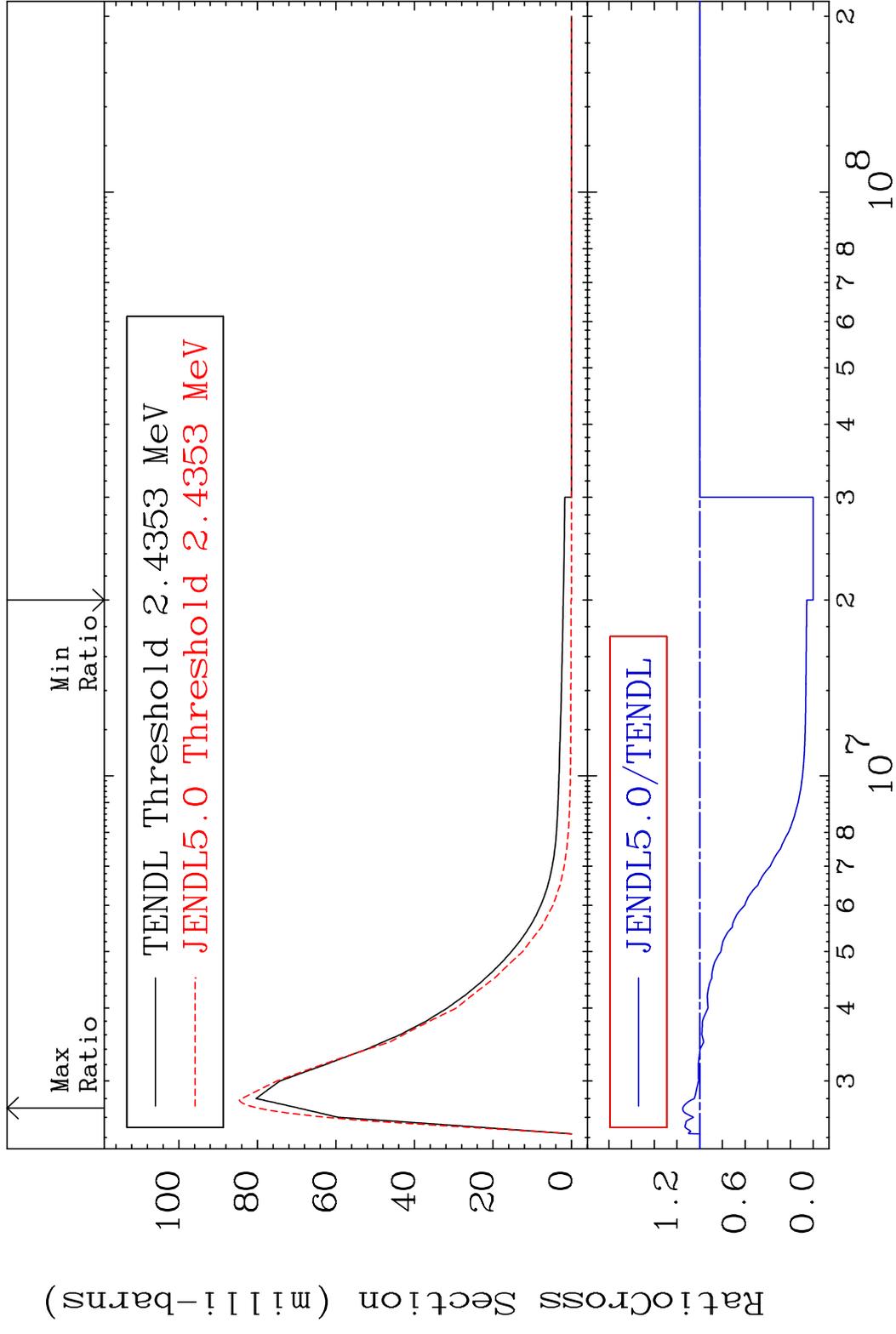
MAT 4228 MT= 63 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 27.96 %



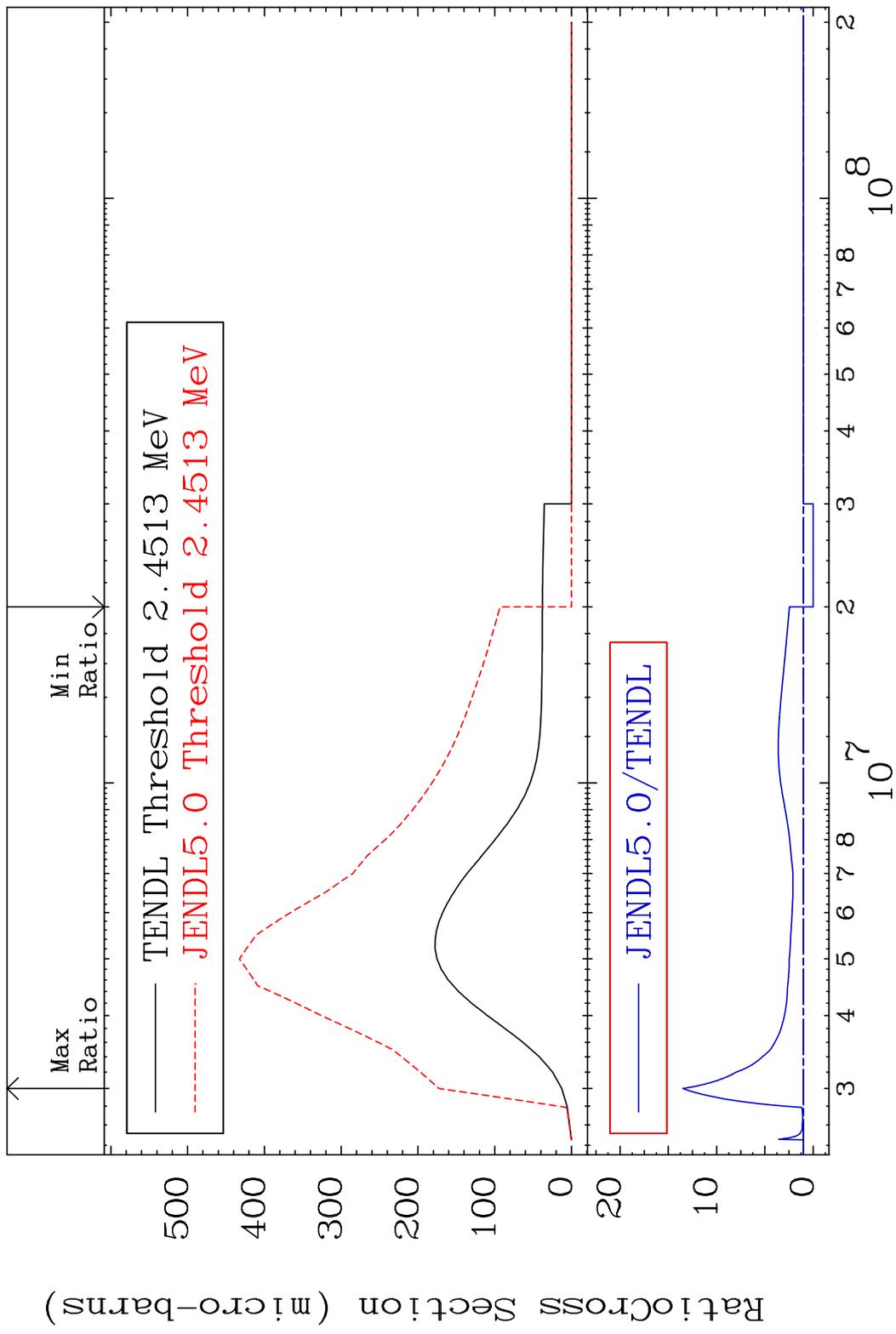
MAT 4228 MT= 64 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 1049. %



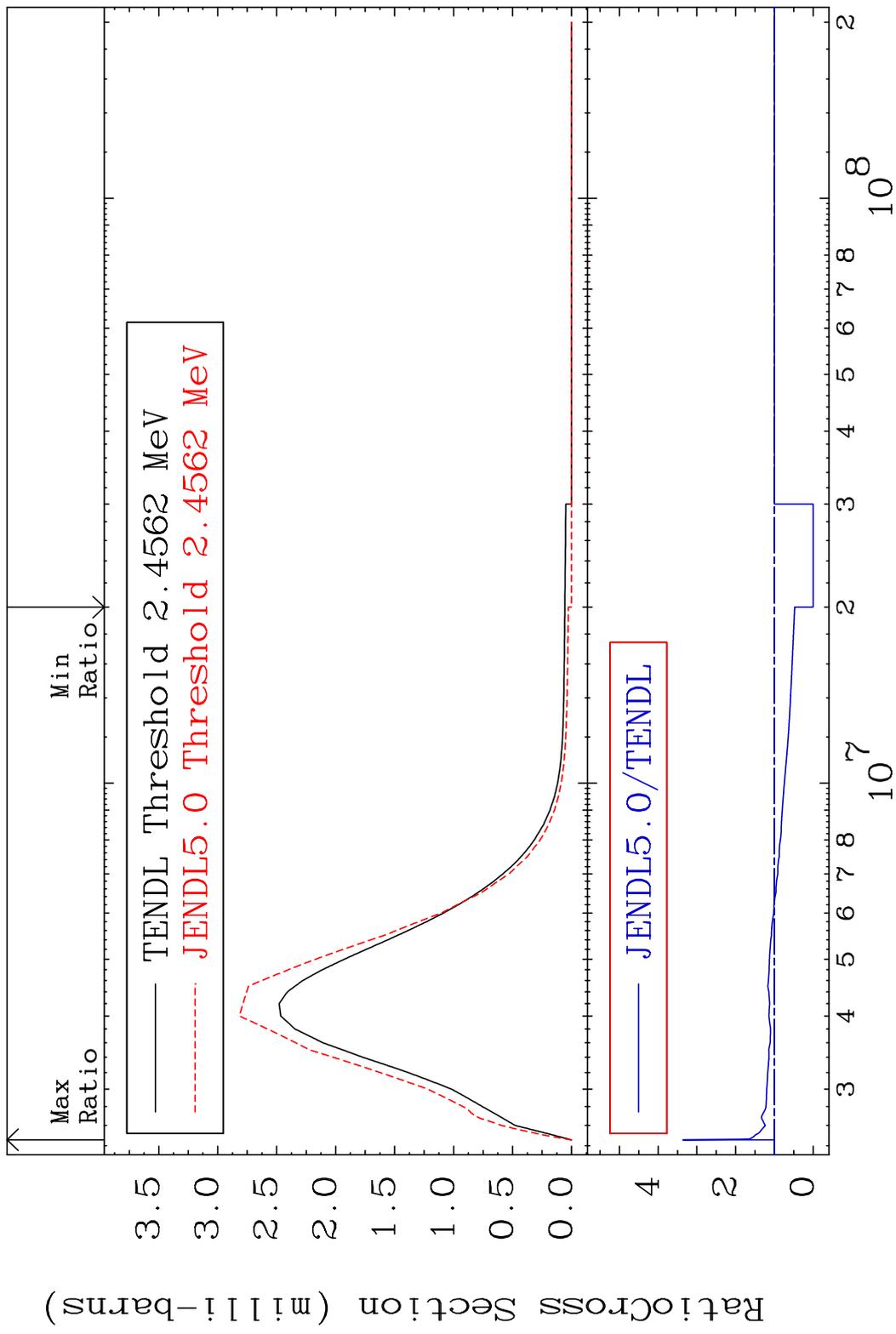
MAT 4228 MT= 65 (n,n') Level 42-Mo-93
 Cross Section -100.0 To 14.86 %



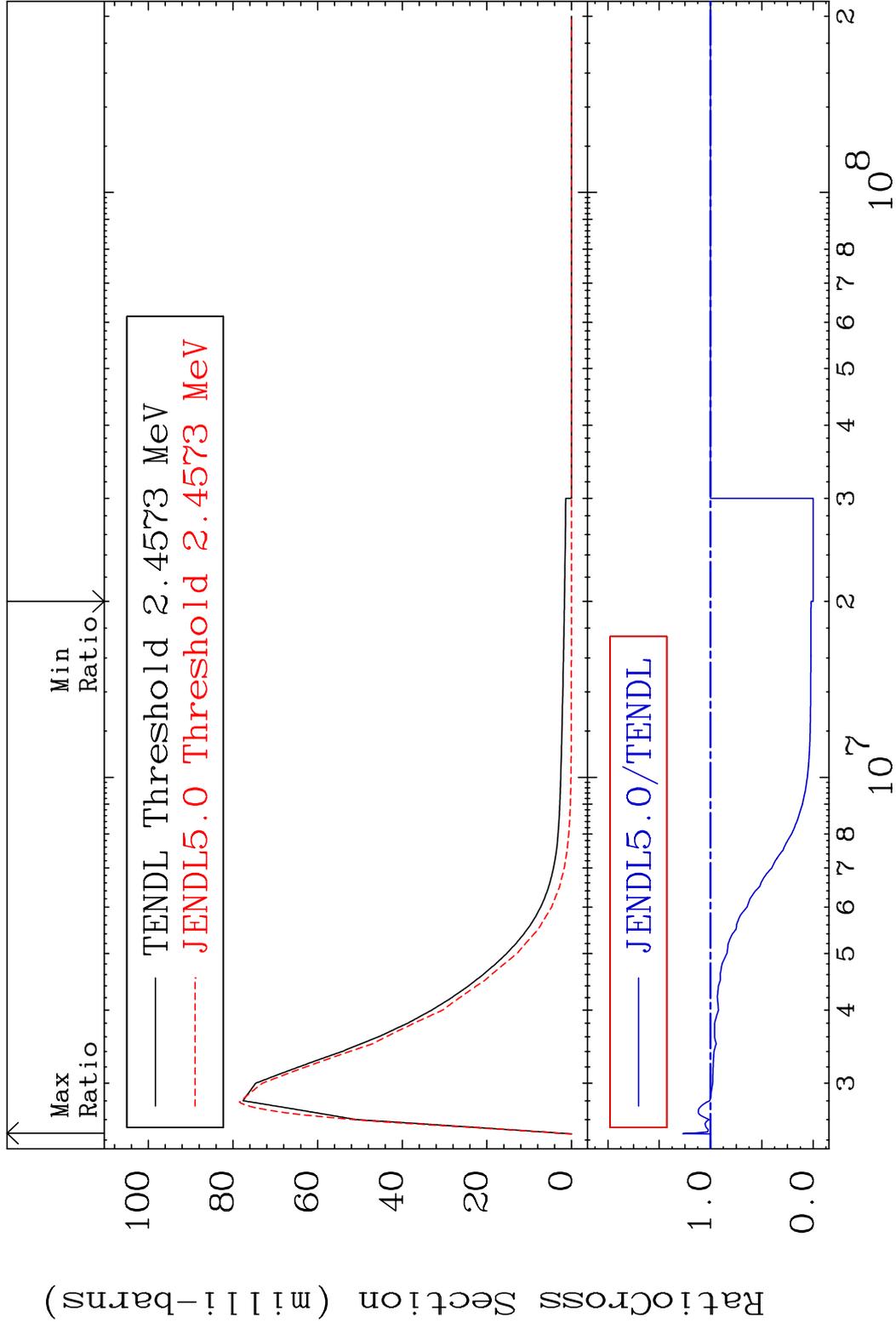
MAT 4228 MT= 66 (n,n') Level 42-Mo-93
 Cross Section -100.0 To 1250. %



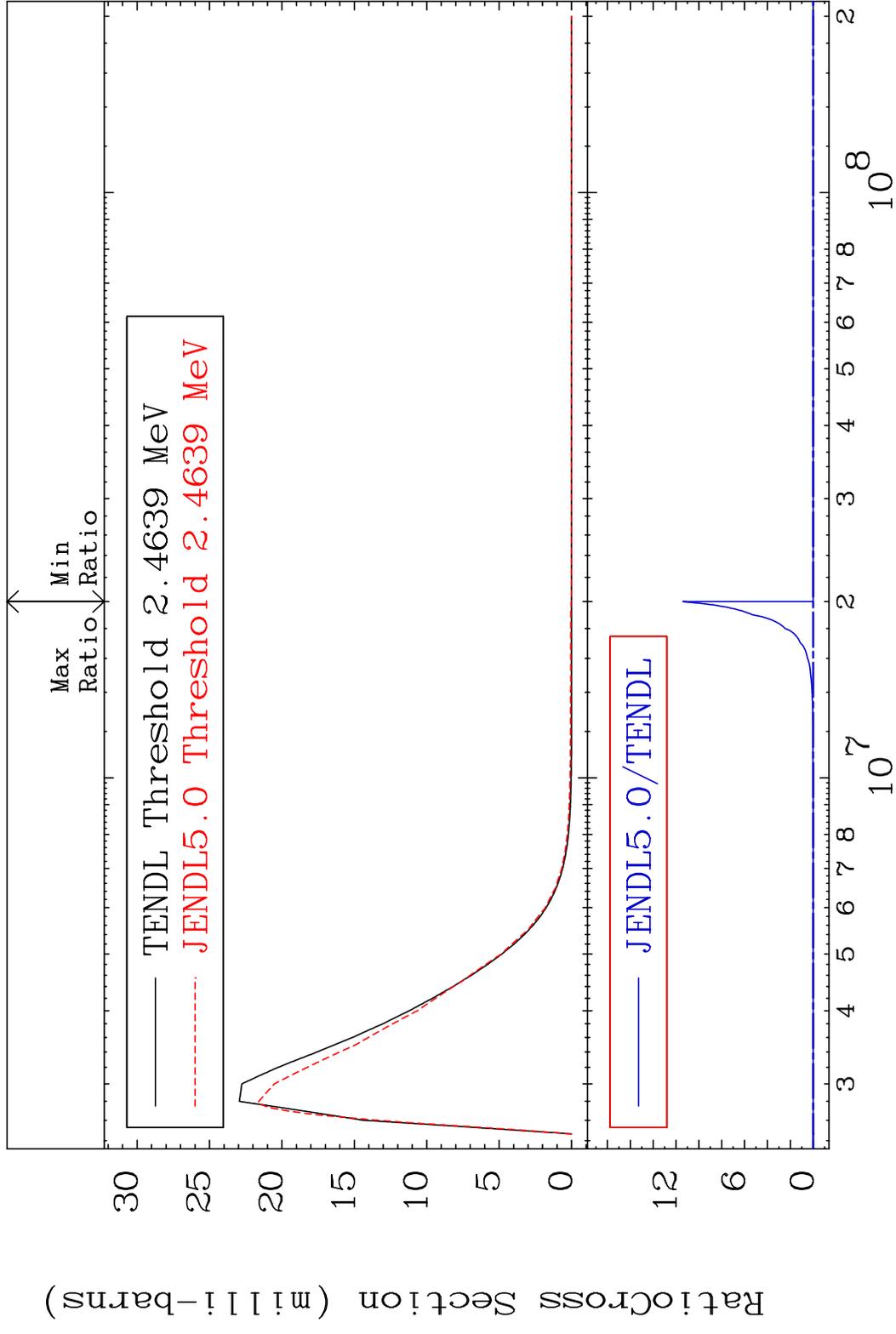
MAT 4228 MT= 67 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 236.3 %



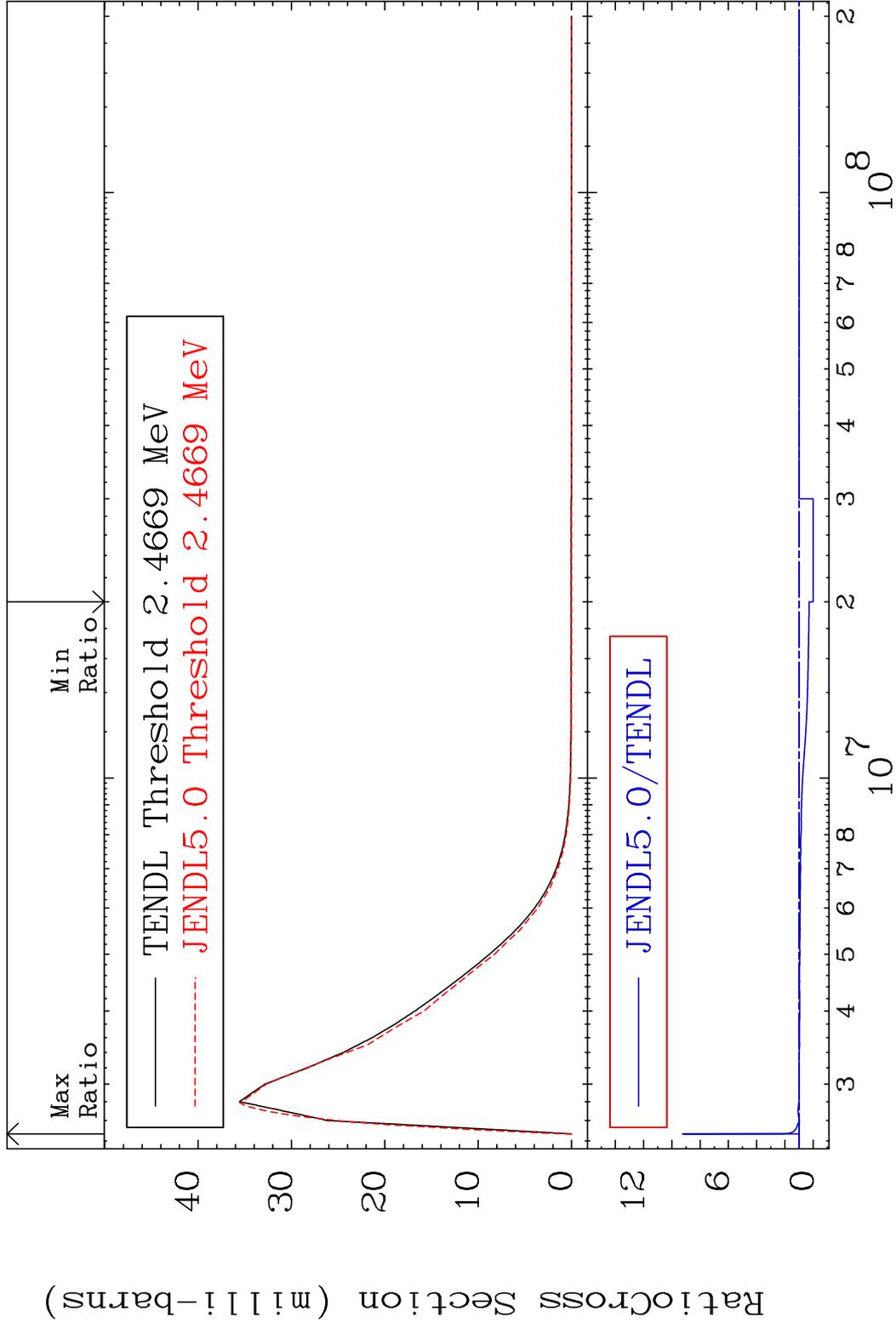
MAT 4228 MT= 68 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 27.00 %



MAT 4228 MT= 69 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 9999. %

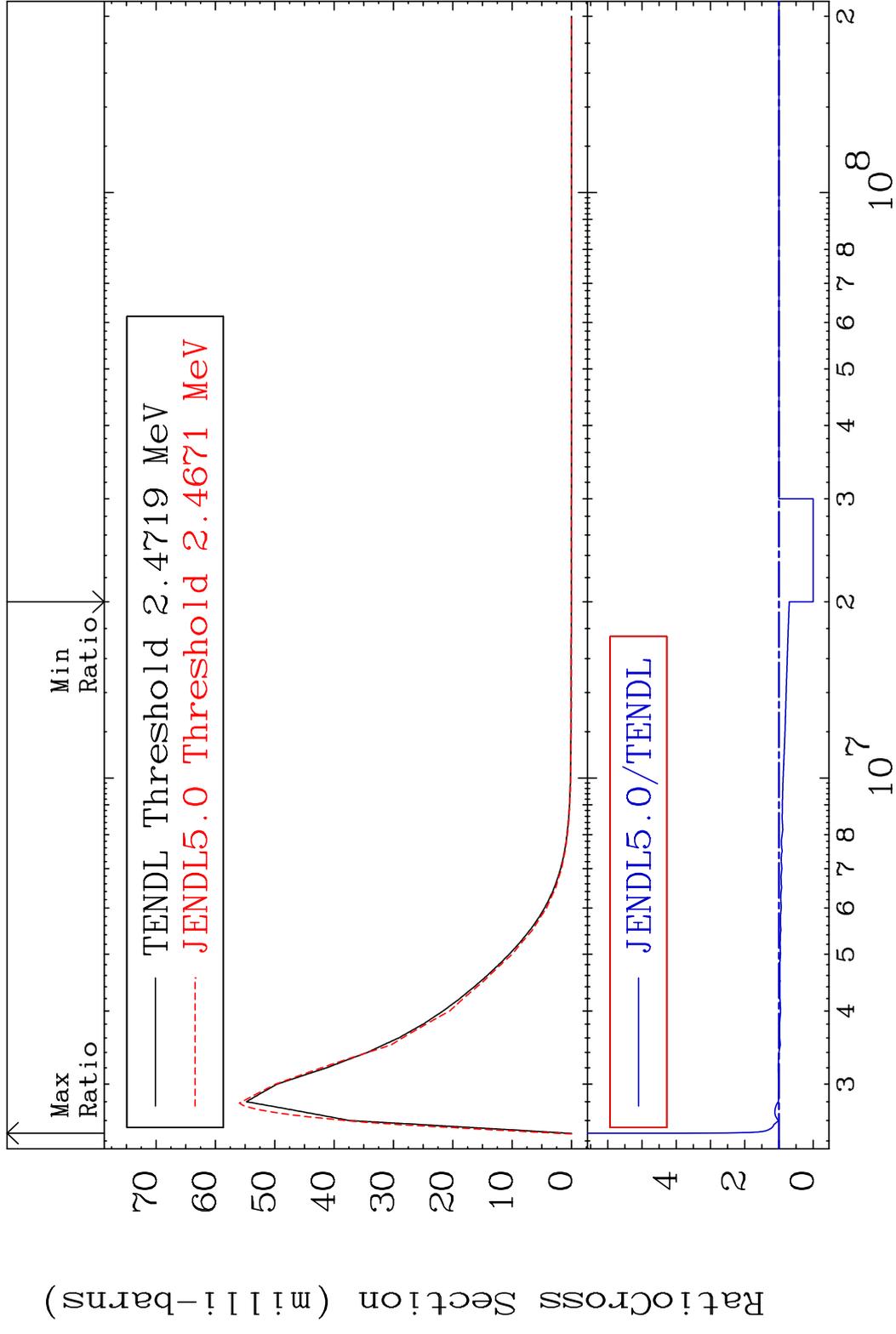


MAT 4228 MT= 70 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 822.6 %

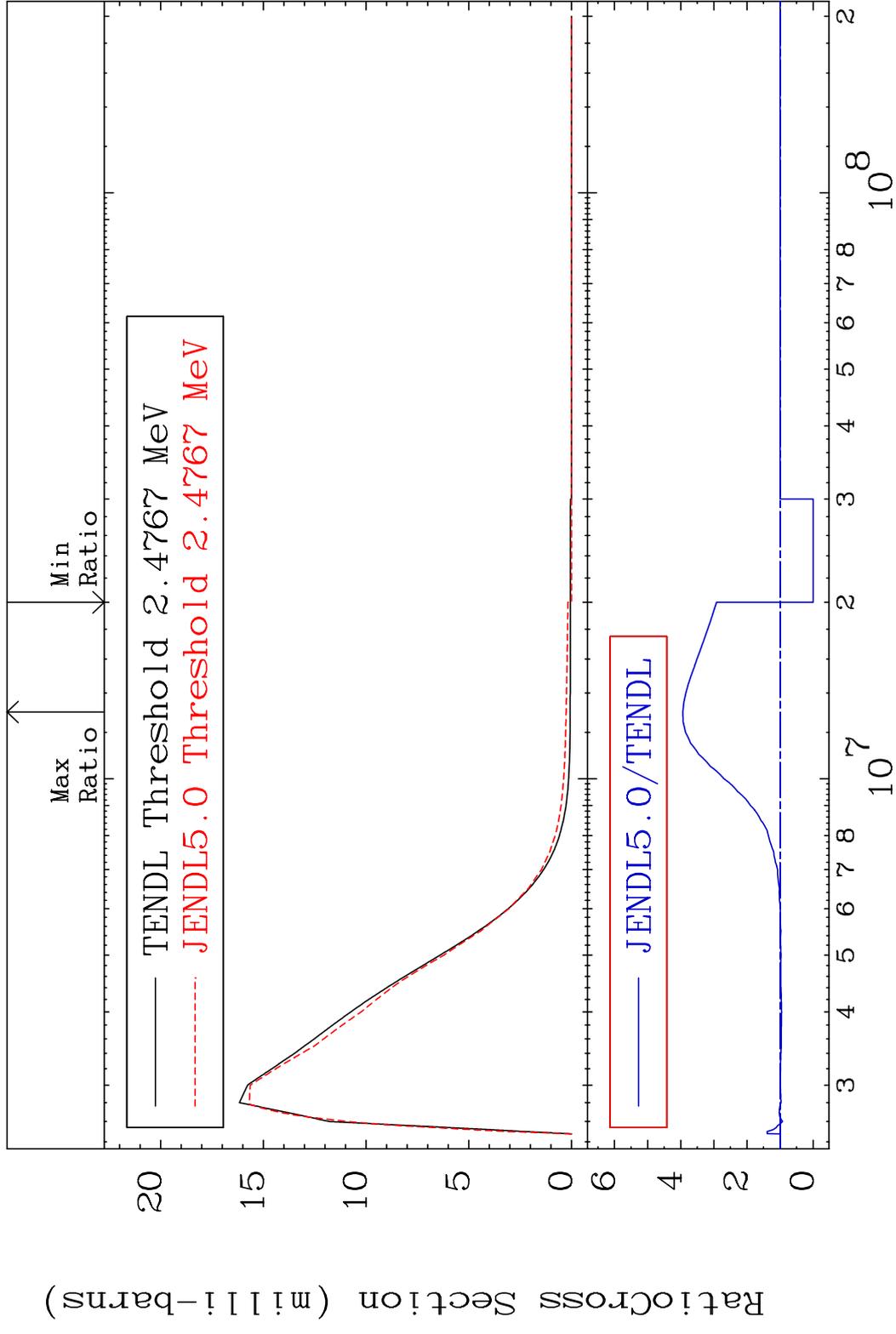


30 Incident Energy (eV) 42-Mo-93

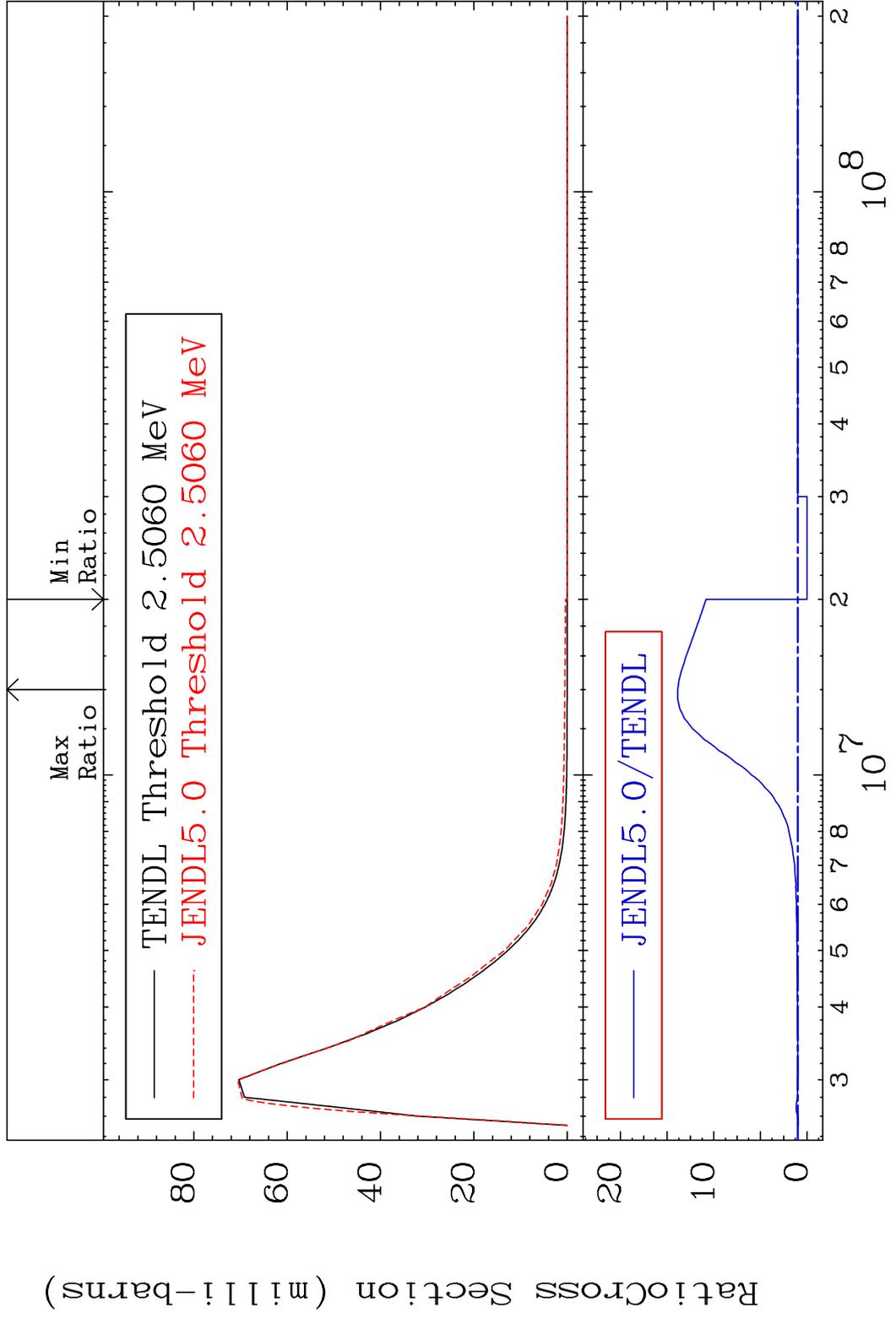
MAT 4228 MT= 71 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 280.7 %



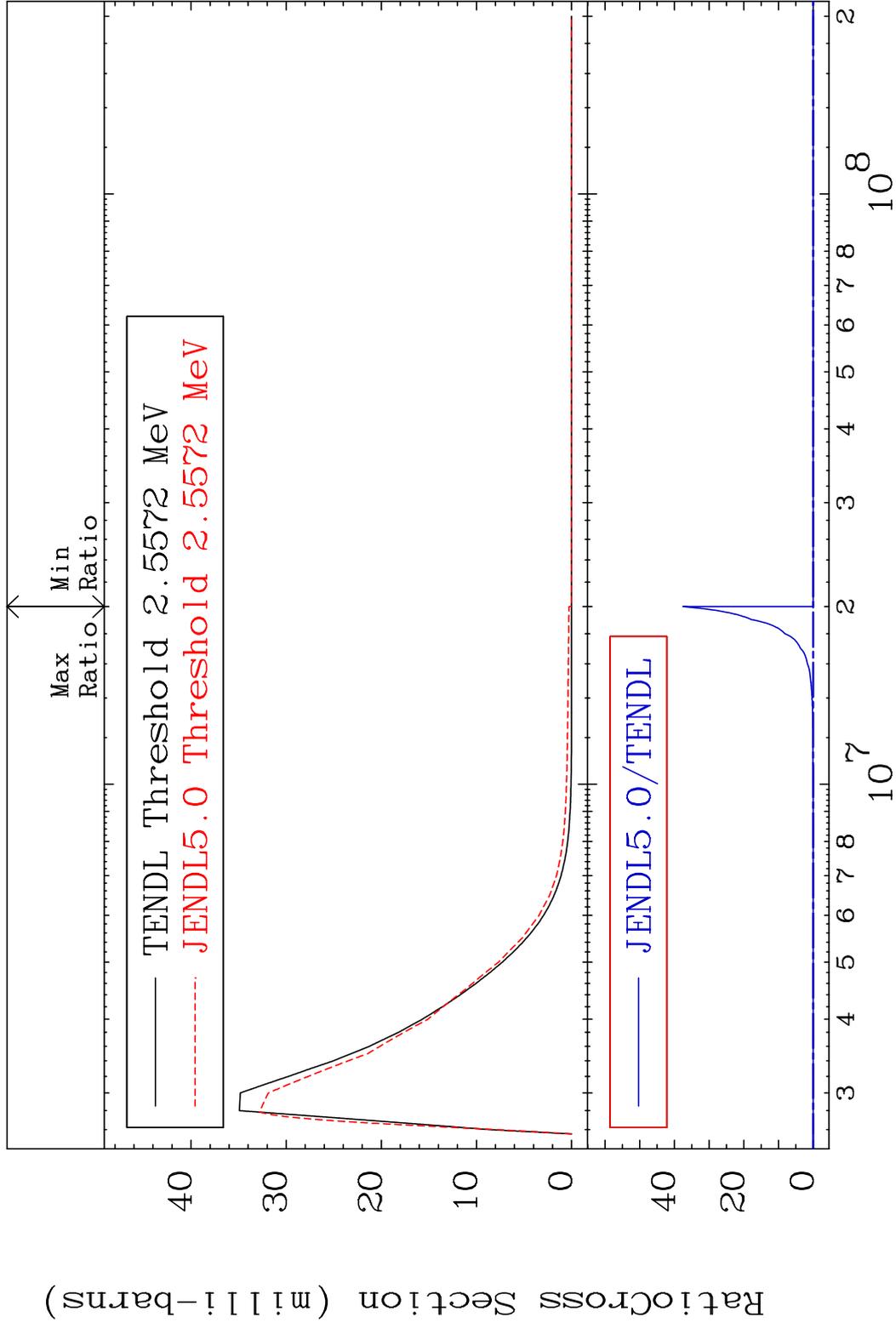
MAT 4228 MT= 72 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 293.6 %



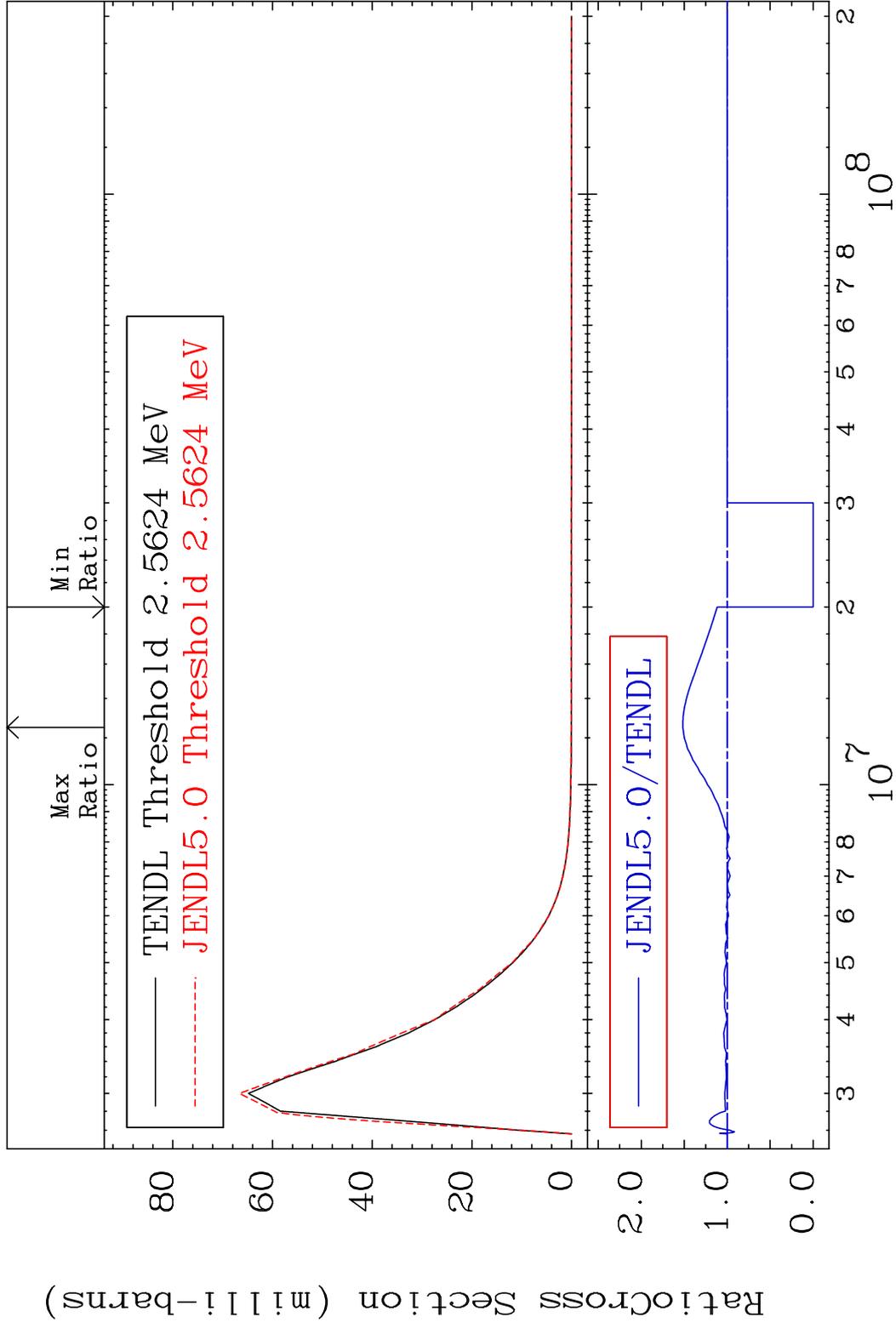
MAT 4228 MT= 73 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 1287. %



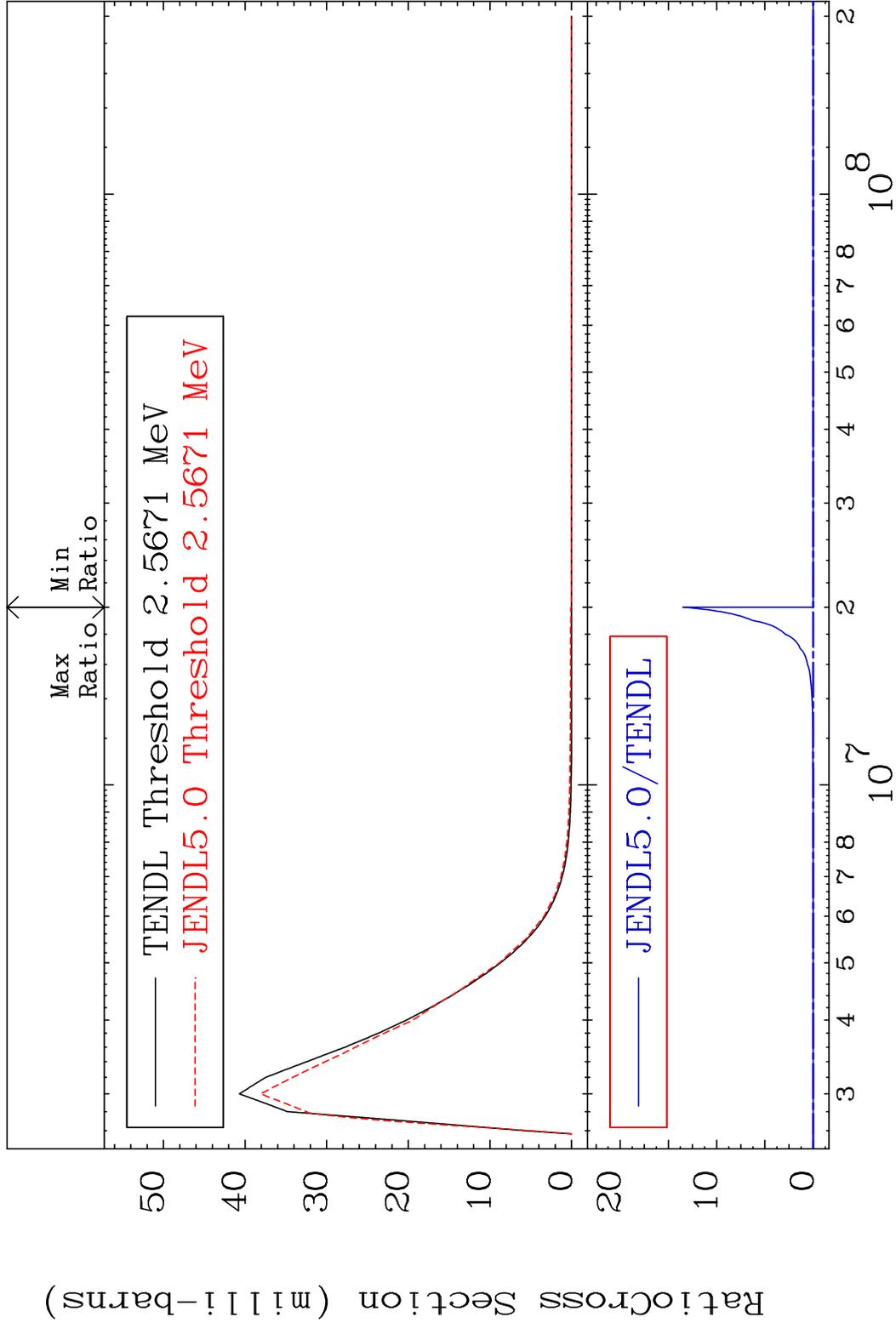
MAT 4228 MT= 74 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 9999. %



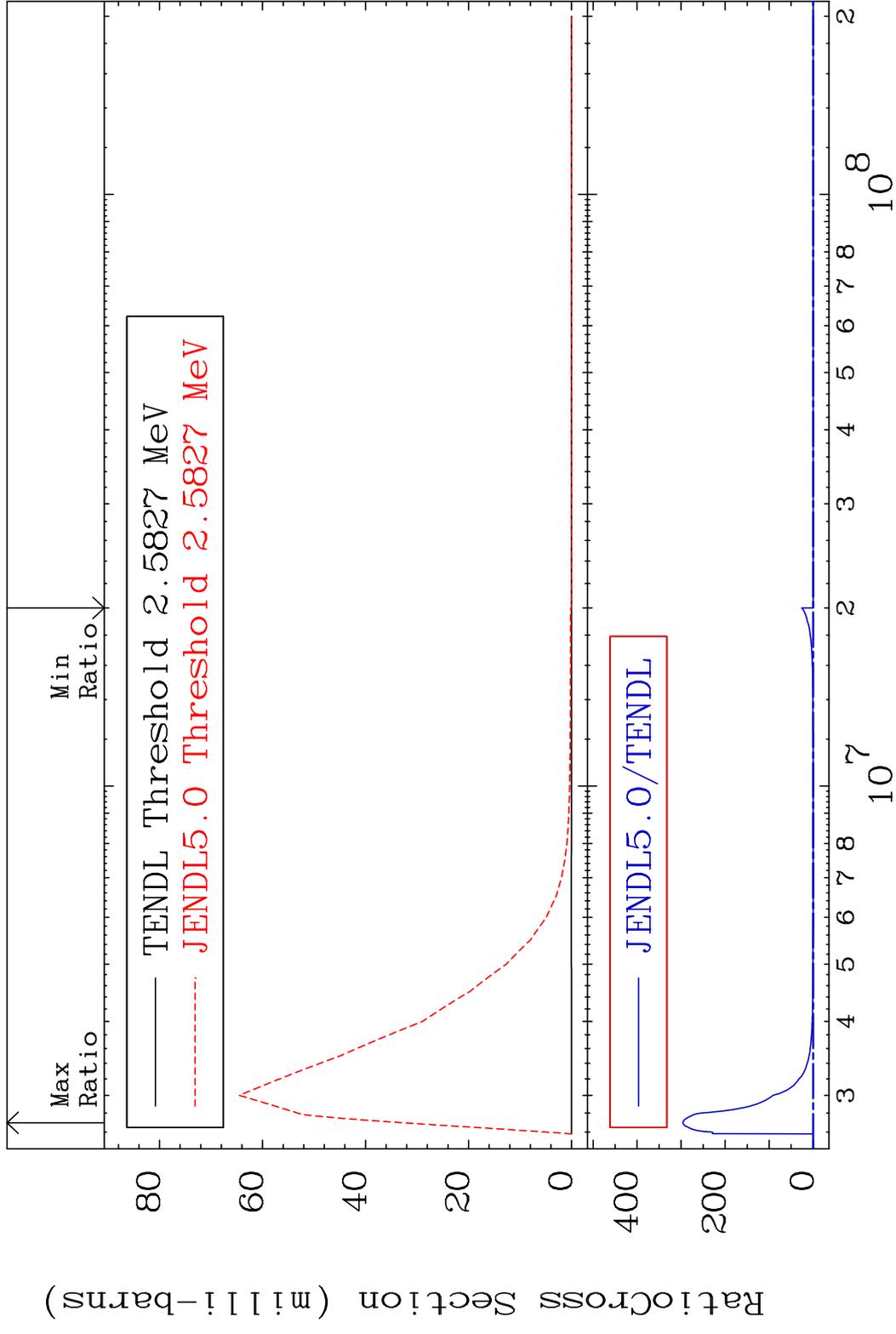
MAT 4228 MT= 75 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 51.59 %



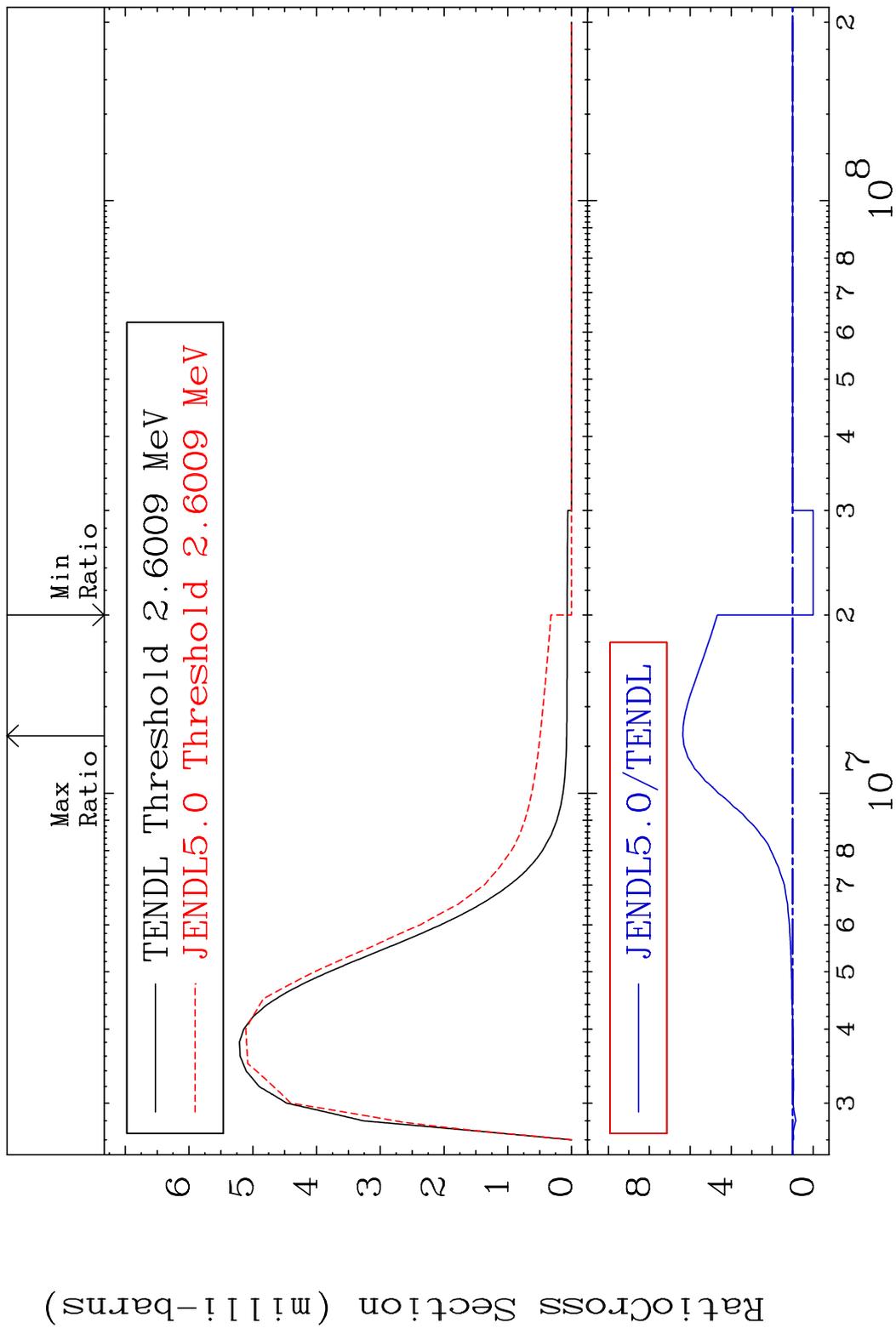
MAT 4228 MT= 76 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 9999. %



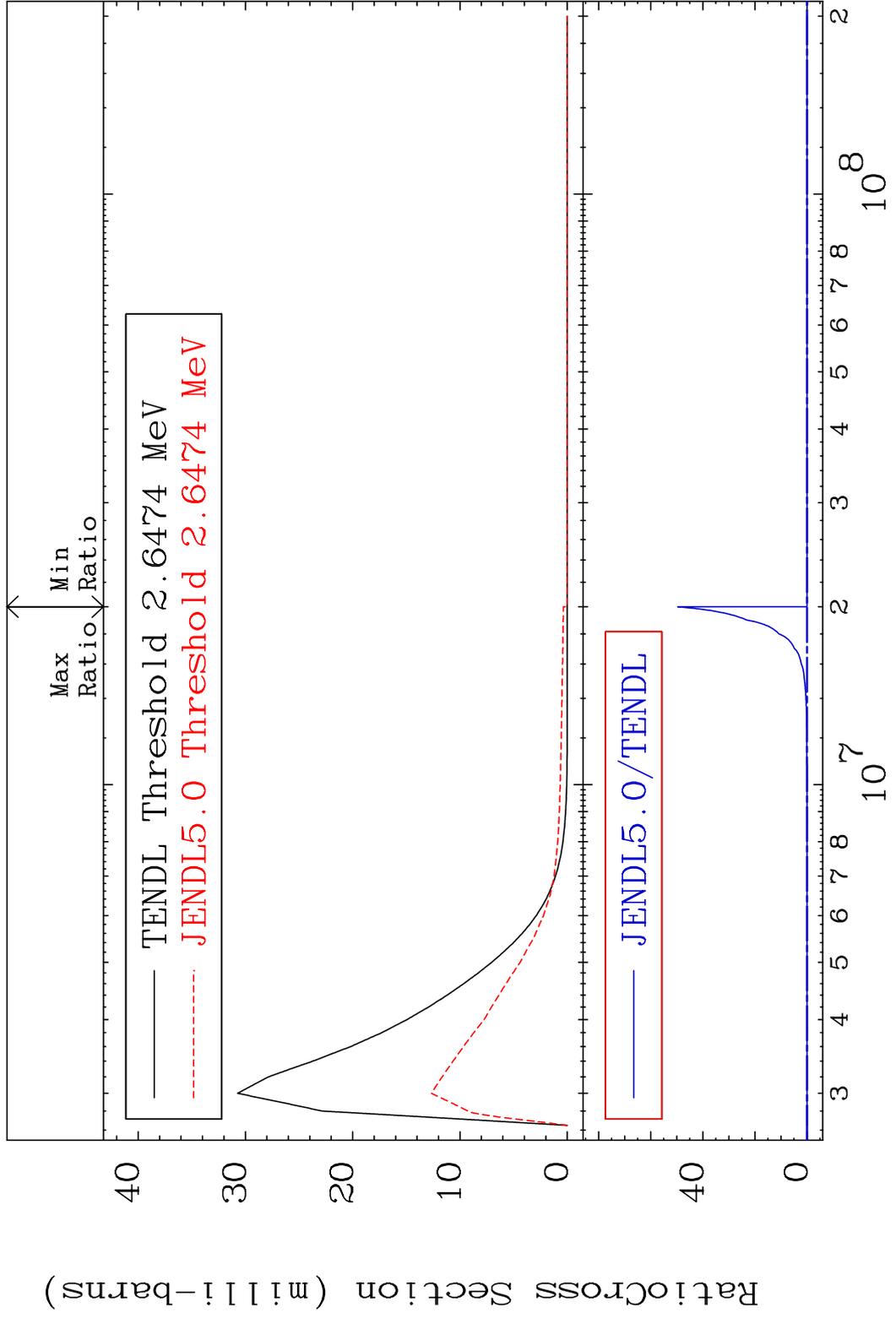
MAT 4228 MT= 77 (n,n') Level 42-Mo-93
 Cross Section -100.0 To 9999. %



MAT 4228 MT= 78 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 536.4 %



MAT 4228 MT= 79 (n, n') Level 42-Mo-93
 Cross Section -100.0 To 9999. %

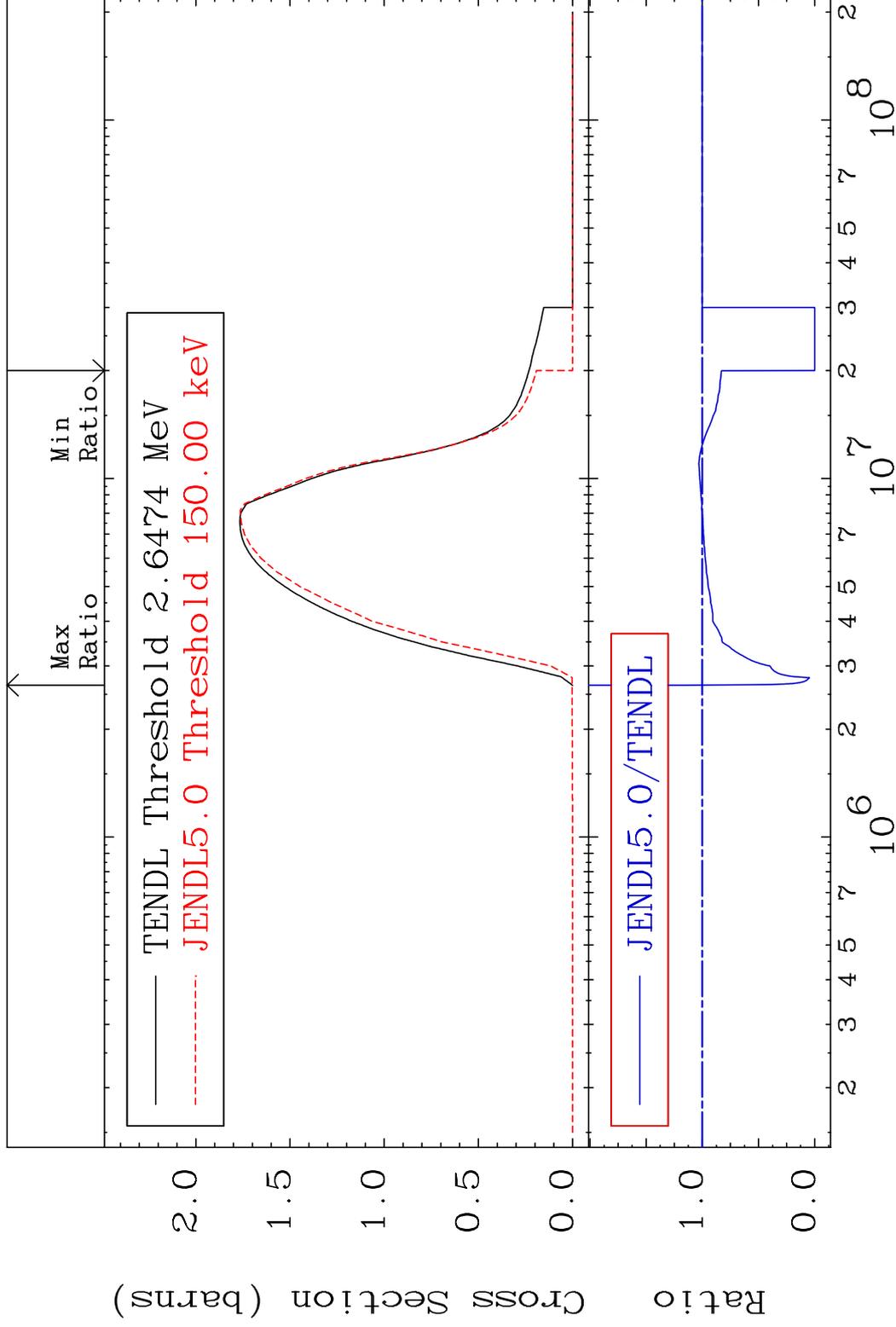


MAT 4228

(n, n') Continuum

42-Mo-93

Cross Section -100.0 To 16.21 %



40

Incident Energy (eV)

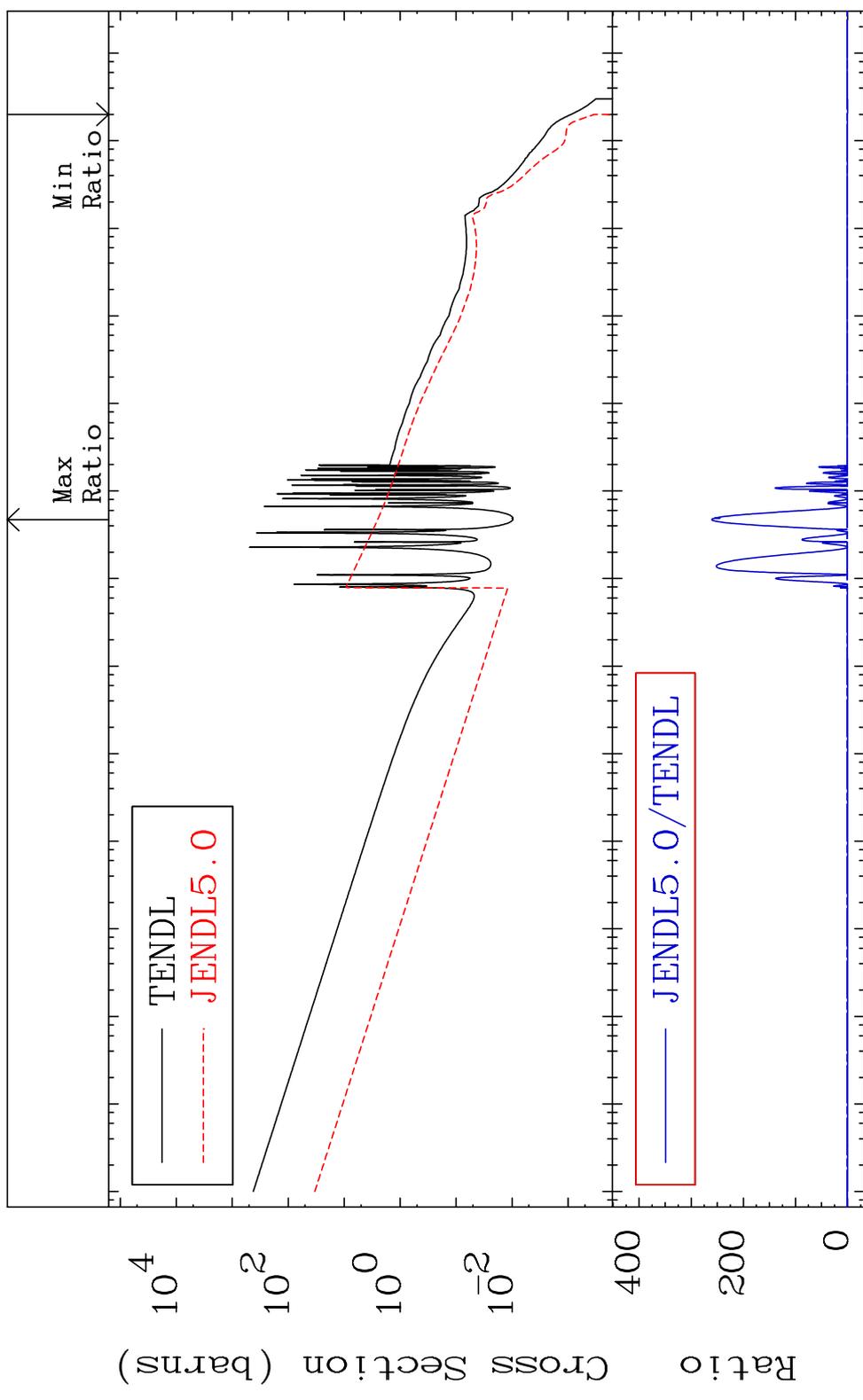
42-Mo-93

MAT 4228

(n, γ)

42-Mo-93

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

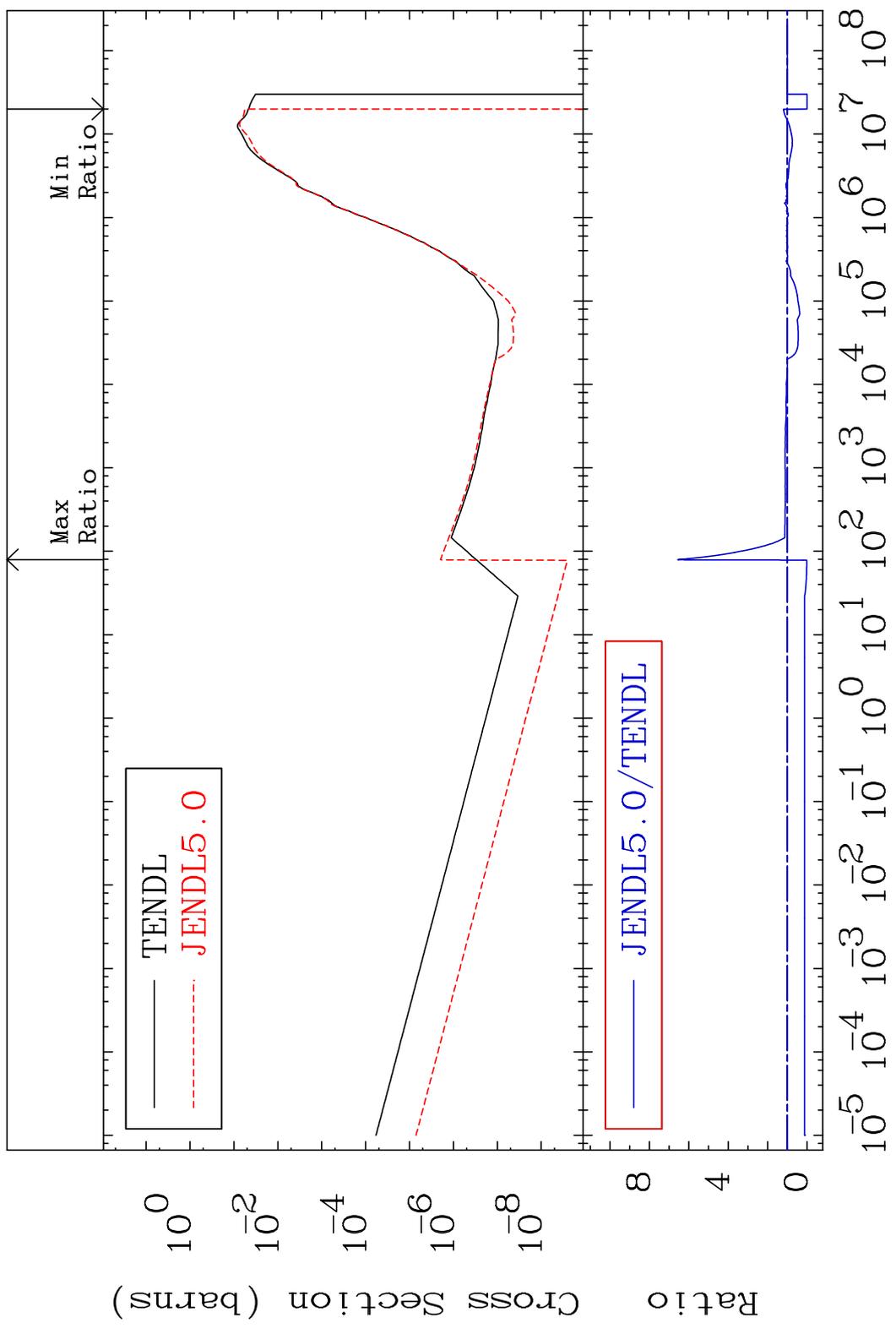
42-Mo-93

MAT 4228

(n, p)

42-Mo-93

Cross Section -100.0 To 556.6 %



42

Incident Energy (eV)

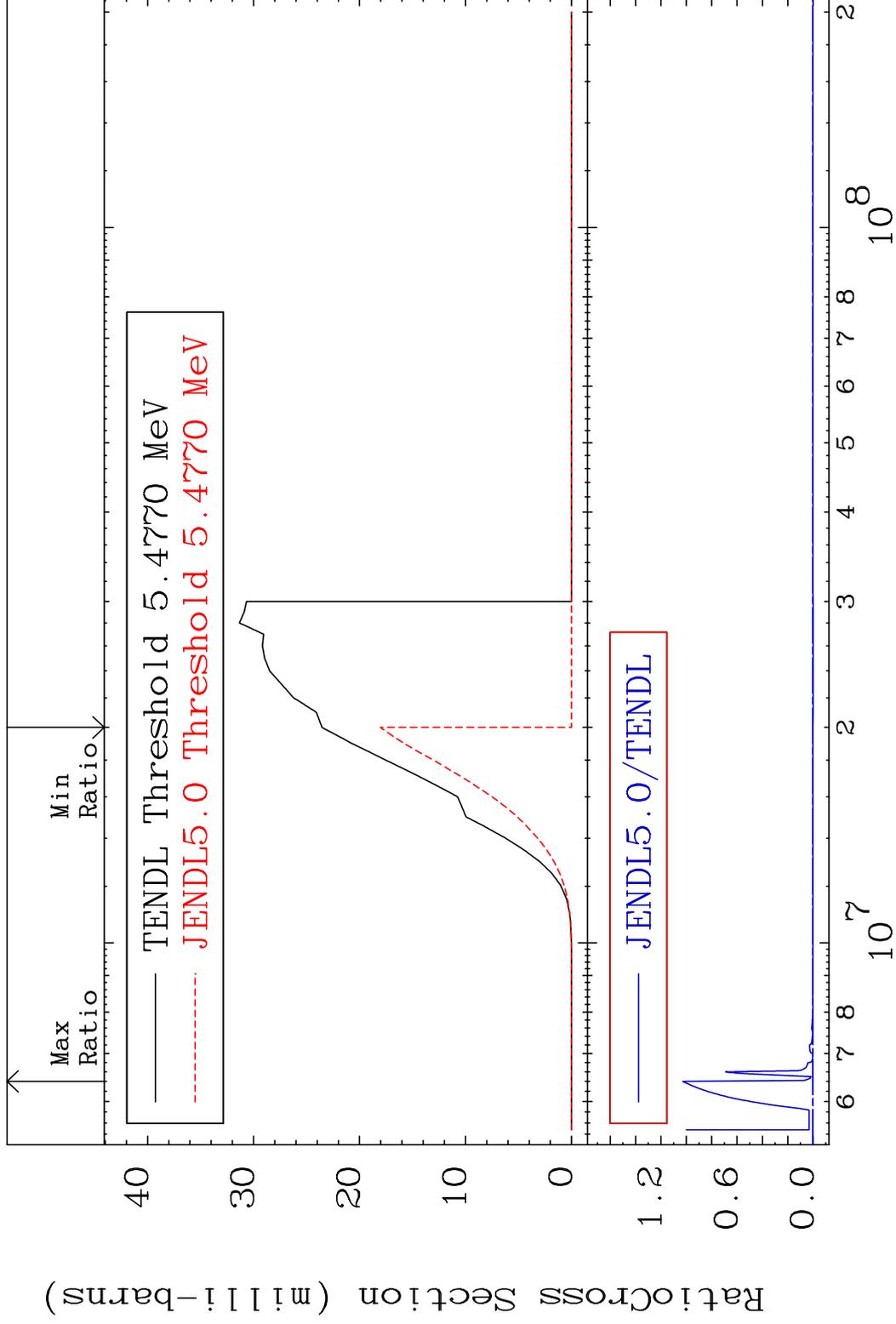
42-Mo-93

MAT 4228

(n,d)

42-Mo-93

Cross Section -100.0 To 9999. %

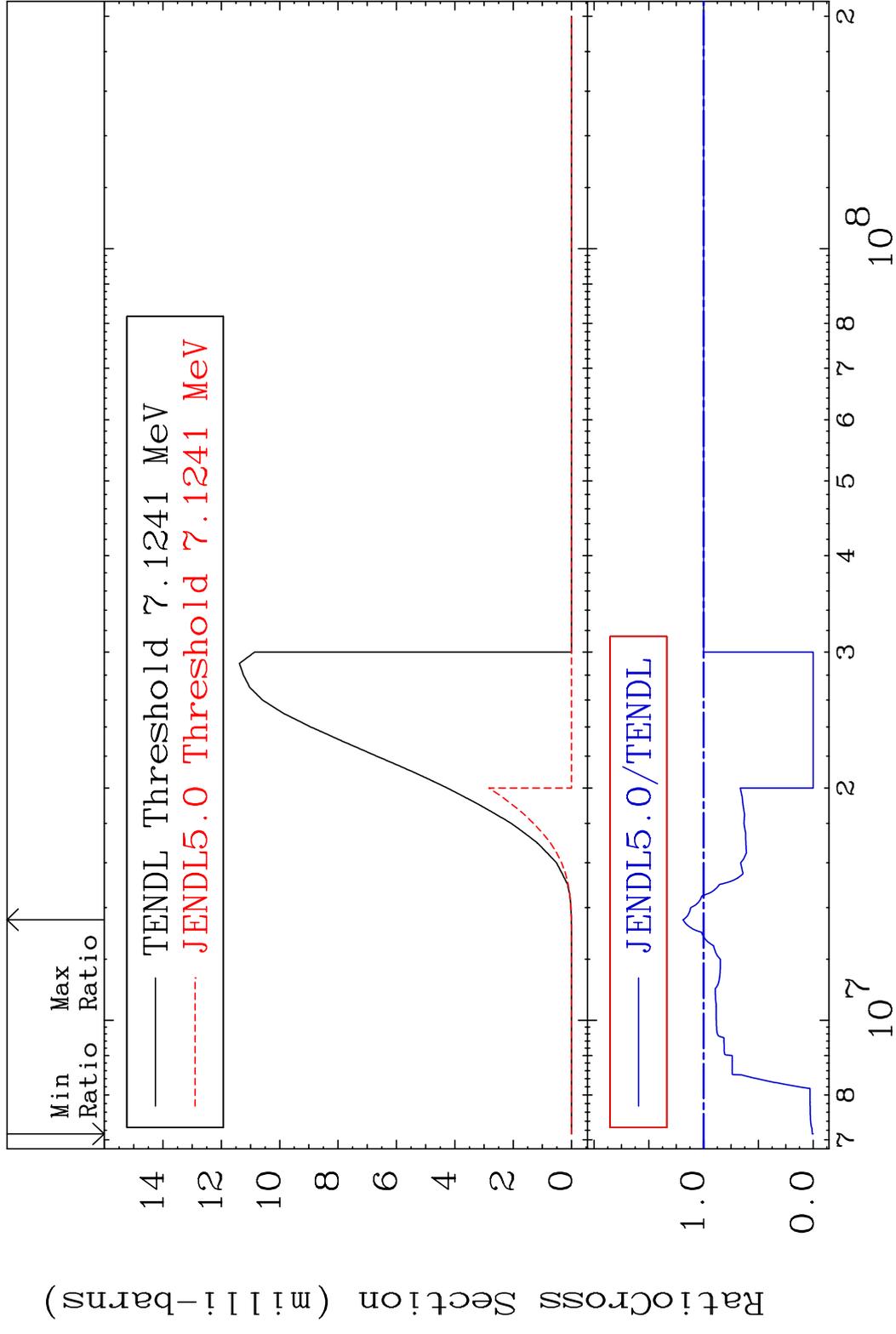


43

Incident Energy (eV)

42-Mo-93

MAT 4228 (n, t) 42-Mo-93
 Cross Section -100.0 To 18.96 %

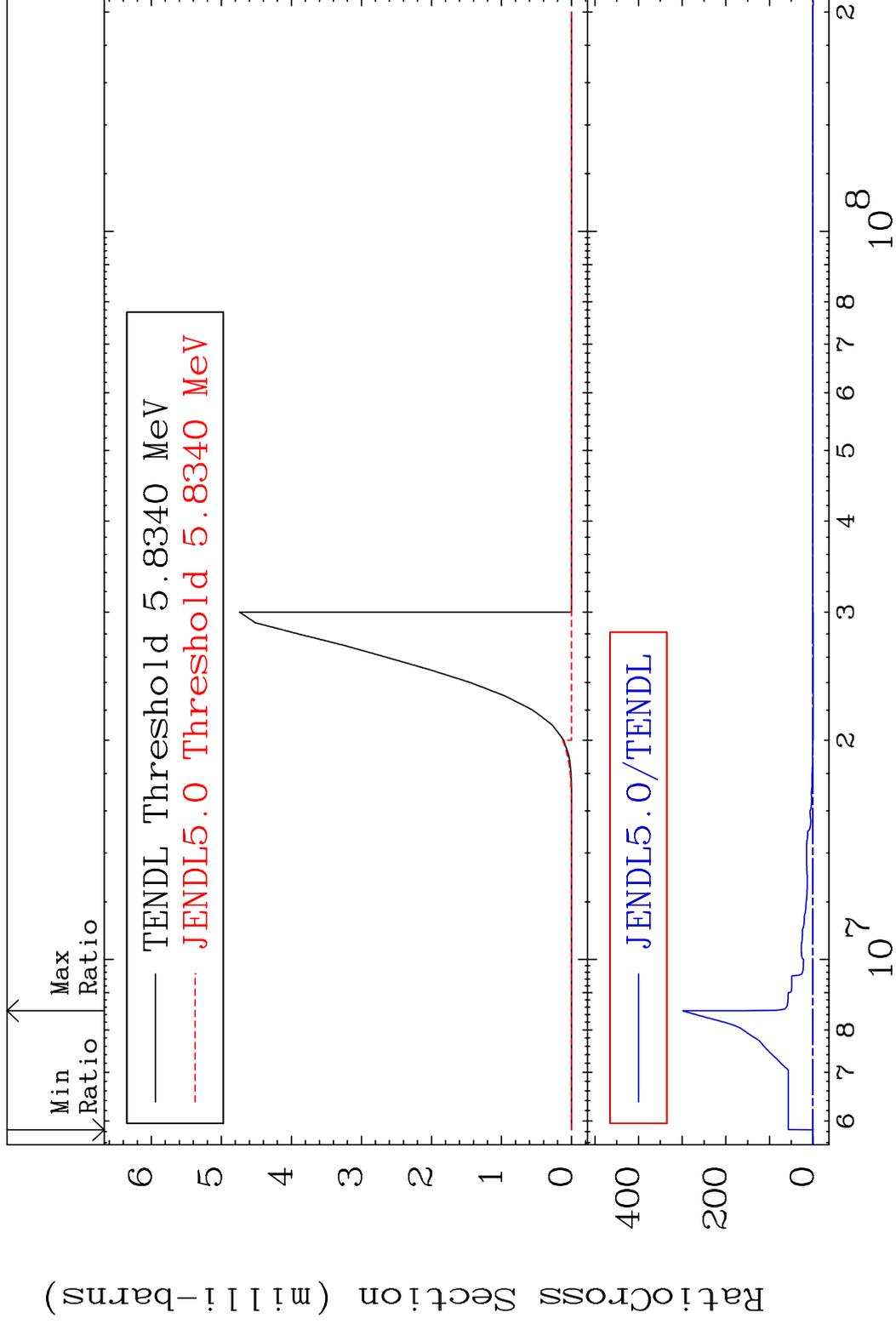


MAT 4228

(n, He-3)

42-Mo-93

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

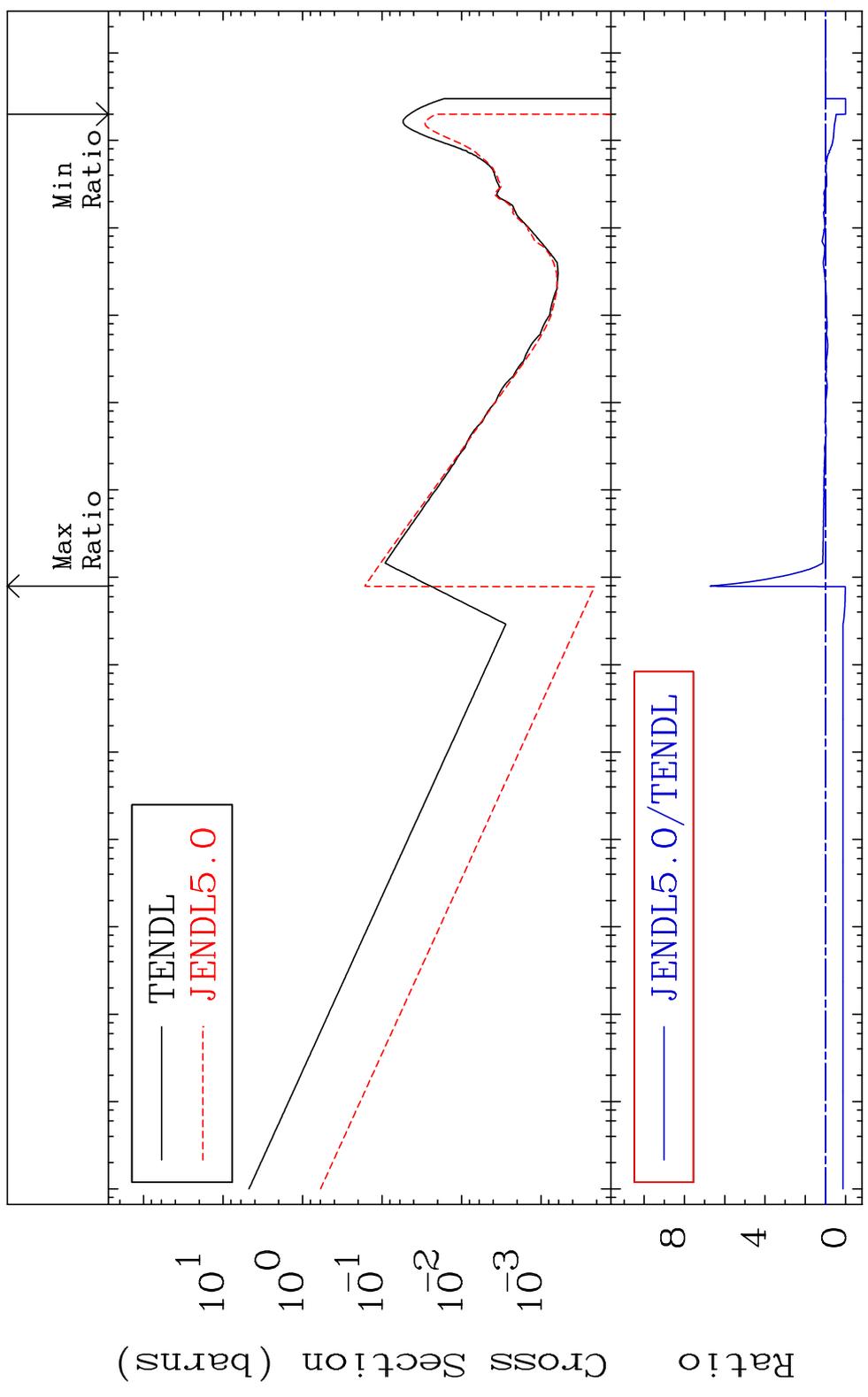
42-Mo-93

MAT 4228

(n, α)

42-Mo-93

Cross Section -100.0 To 573.0 %



46

Incident Energy (eV)

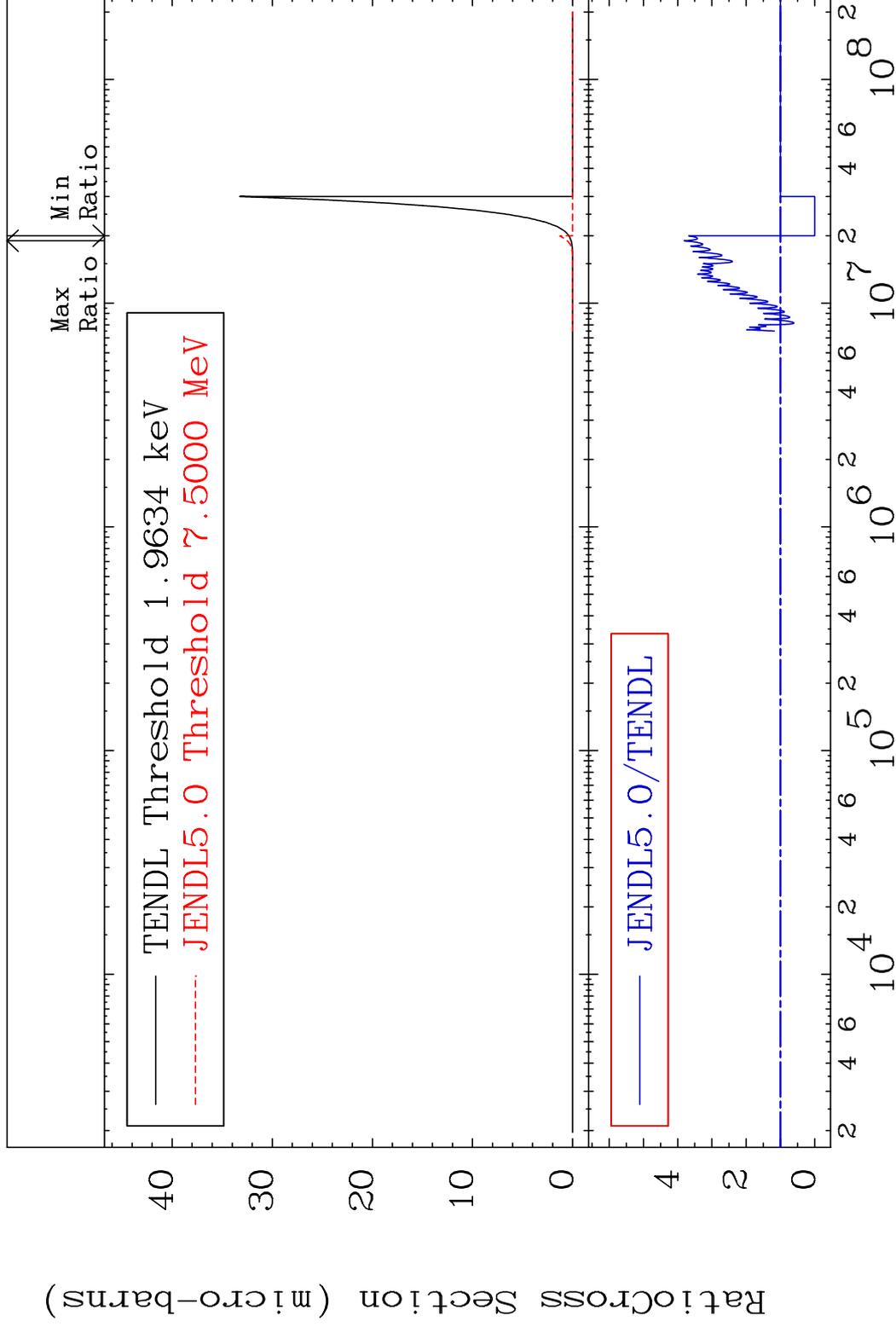
42-Mo-93

MAT 4228

(n,2α)

42-Mo-93

Cross Section -100.0 To 281.1 %

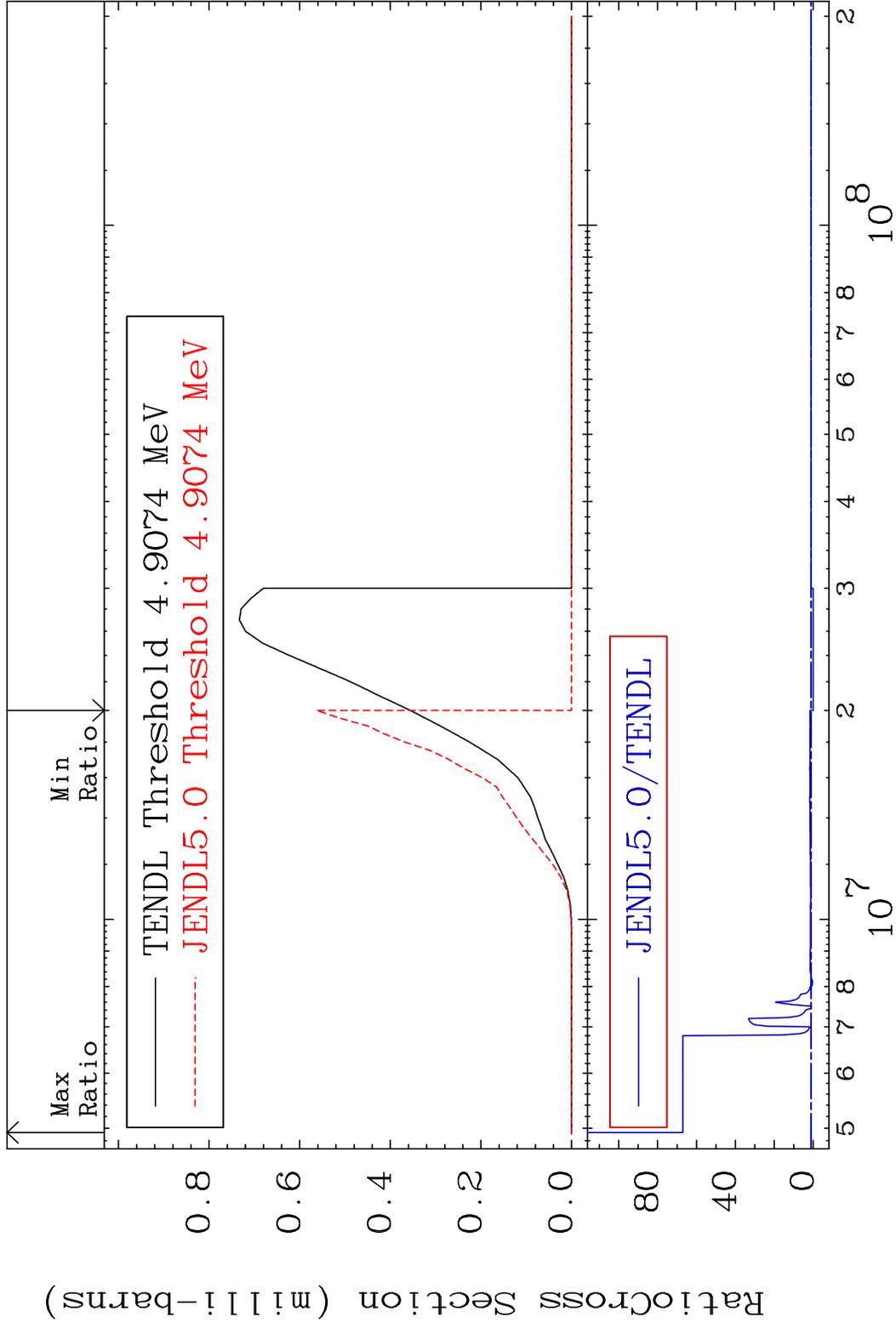


47

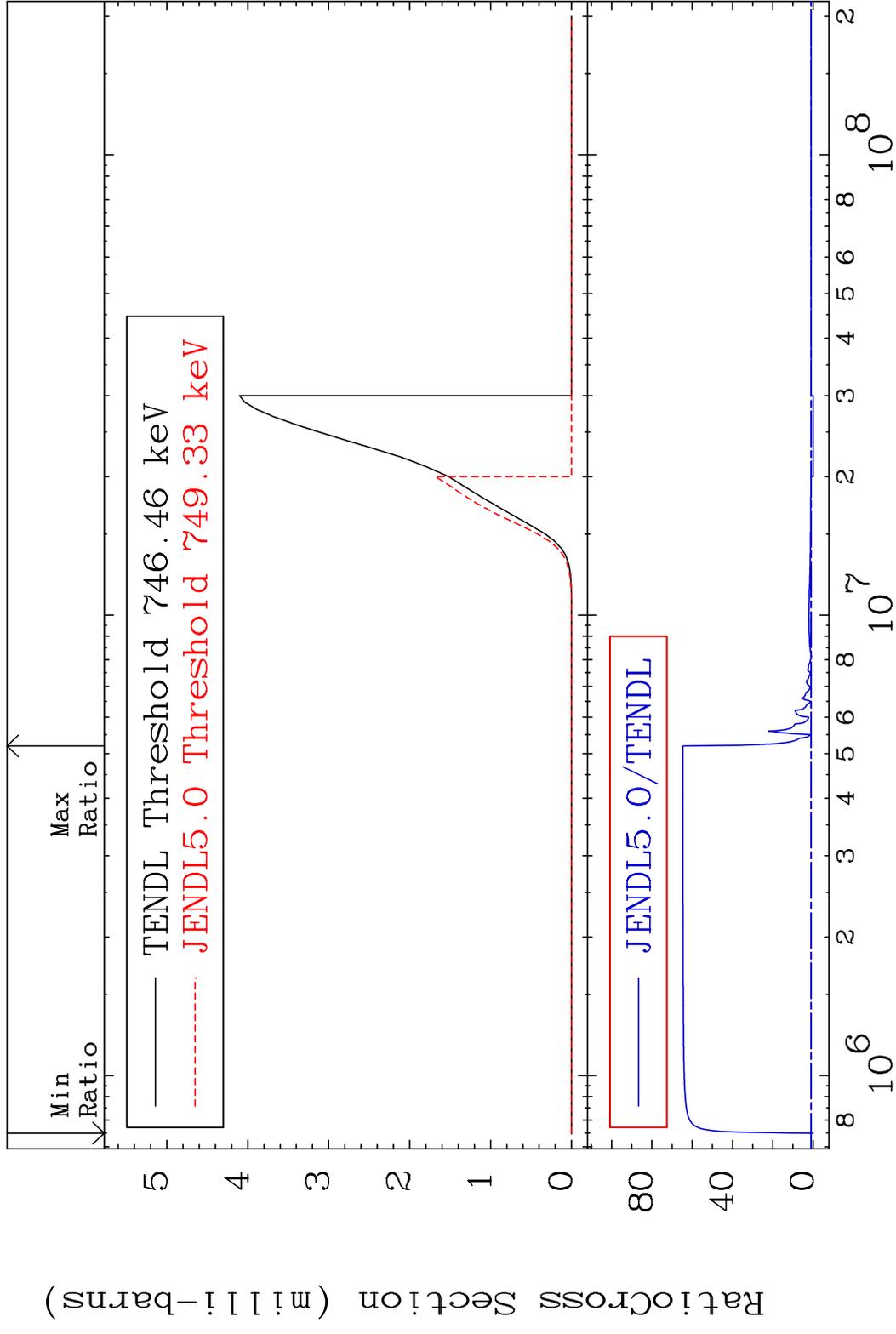
Incident Energy (eV)

42-Mo-93

MAT 4228 (n,2p) 42-Mo-93
 Cross Section -100.0 To 6604. %

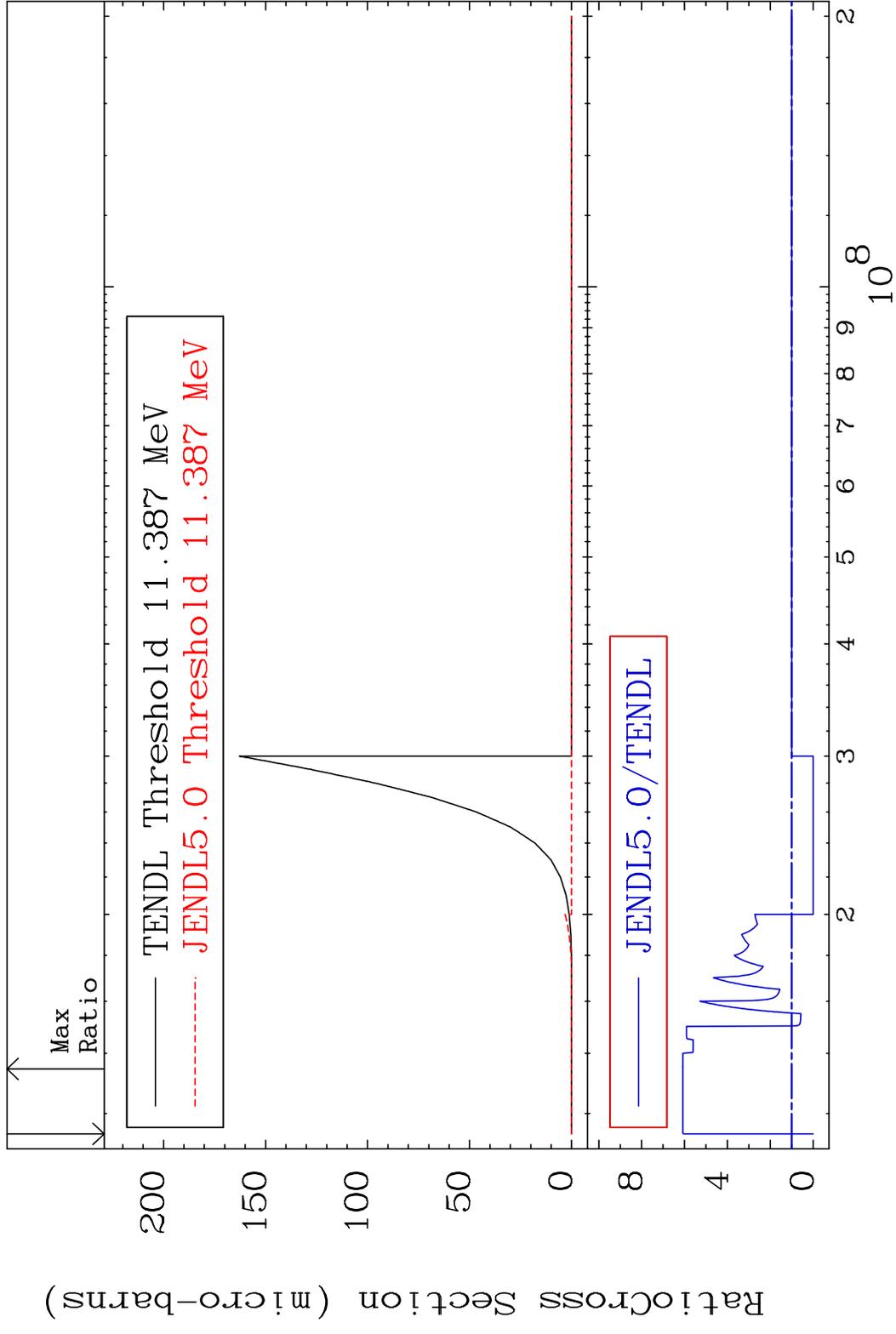


MAT 4228 (n,p) α 42-Mo-93
 Cross Section -100.0 To 6365. %

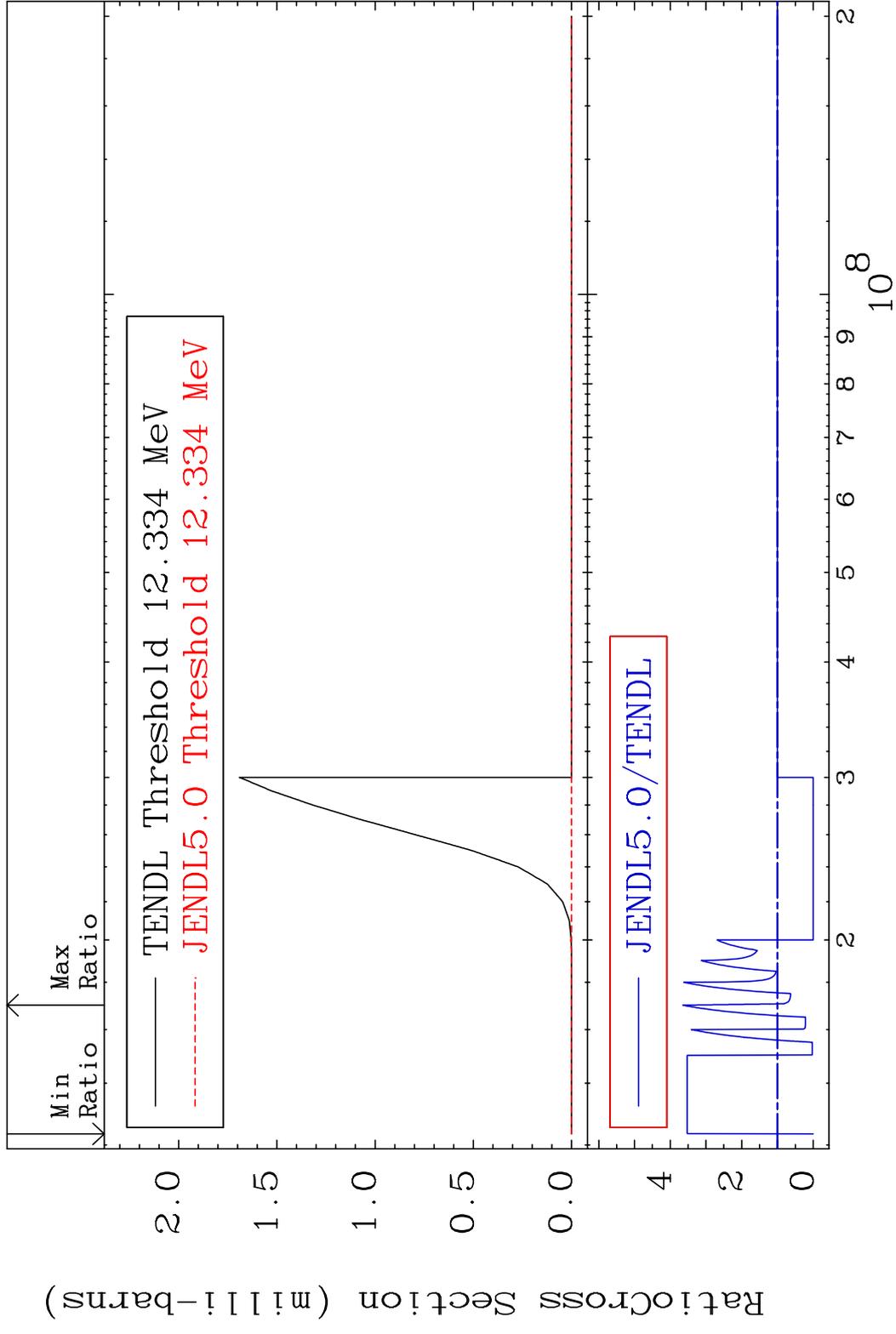


49 42-Mo-93

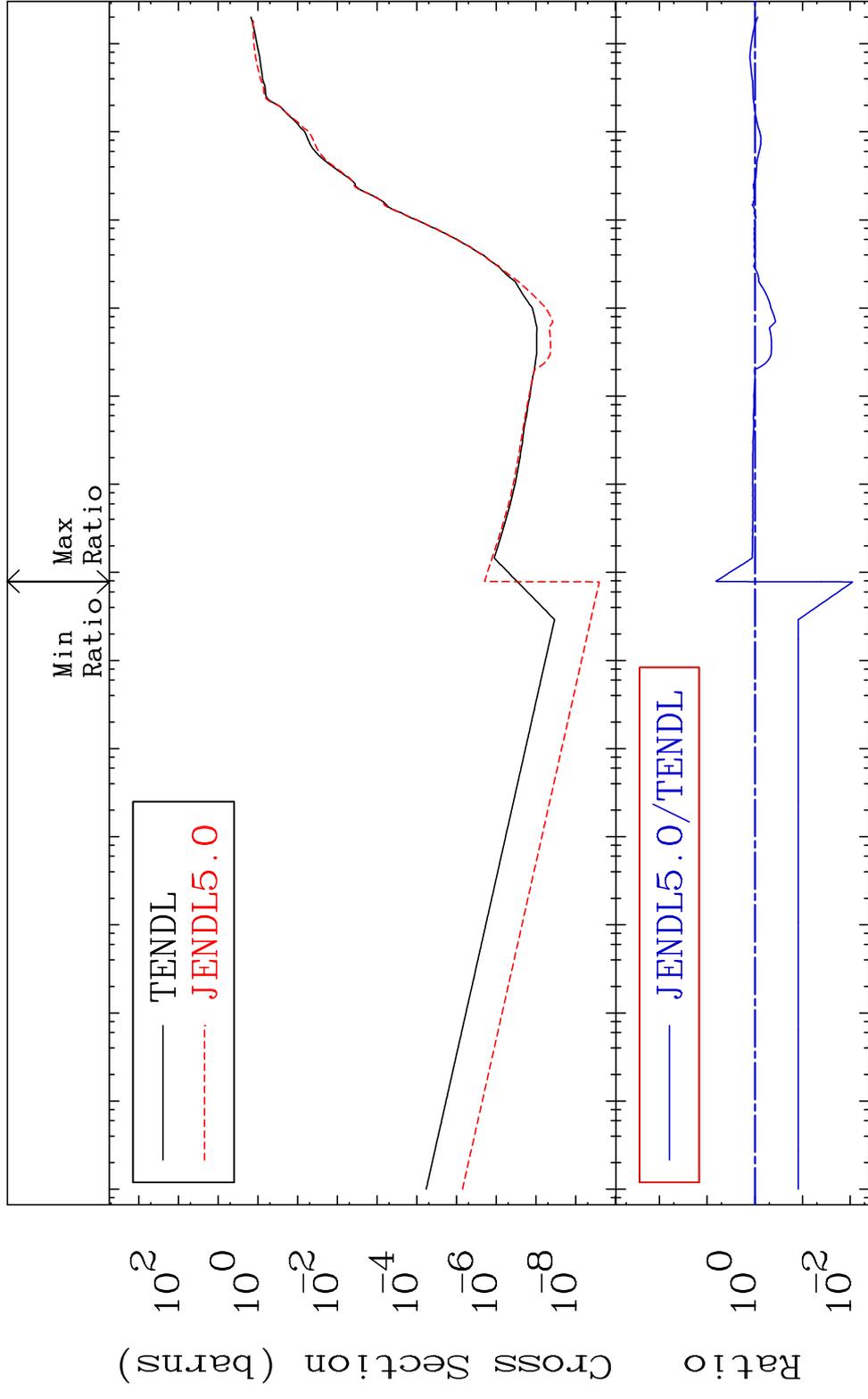
MAT 4228 (n,p) d 42-Mo-93
 Cross Section -100.0 To 507.9 %



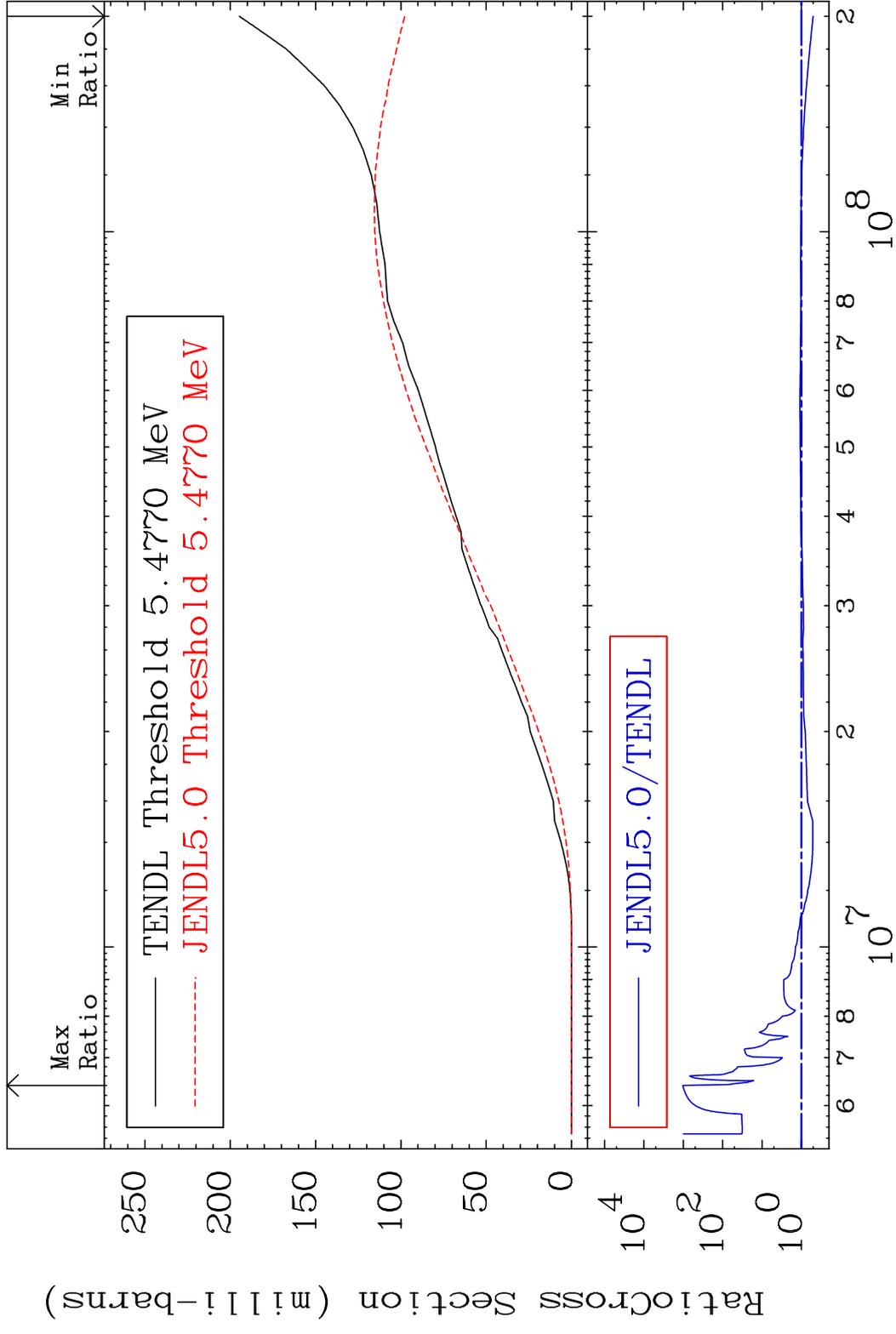
MAT 4228 (n,p) t 42-Mo-93
 Cross Section -100.0 To 264.7 %



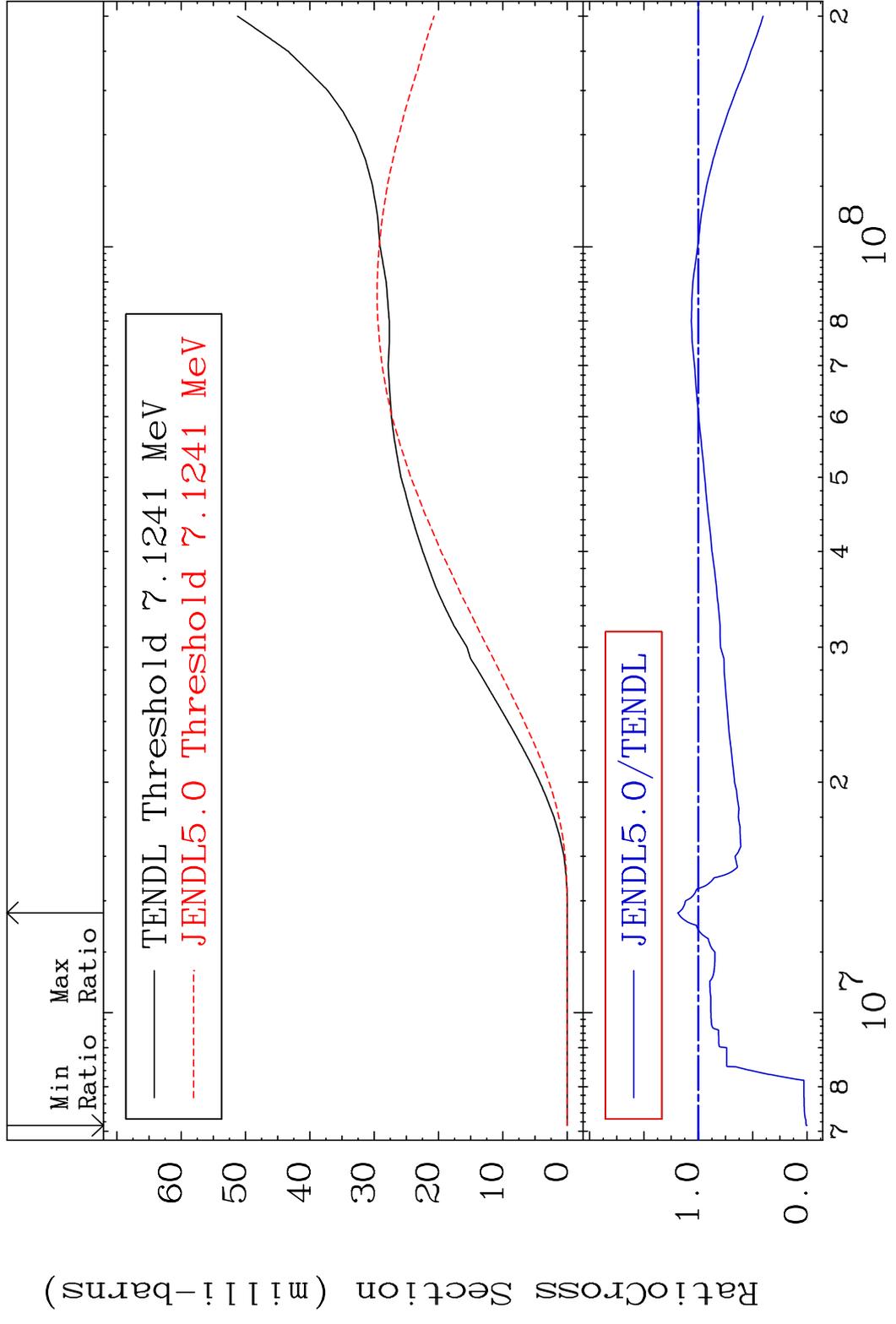
MAT 4228 Hydrogen Production 42-Mo-93
 Cross Section -99.11 To 556.6 %



Cross Section -49.78 To 9999. %



MAT 4228 Tritium Production 42-Mo-93
 Cross Section -100.0 To 18.96 %

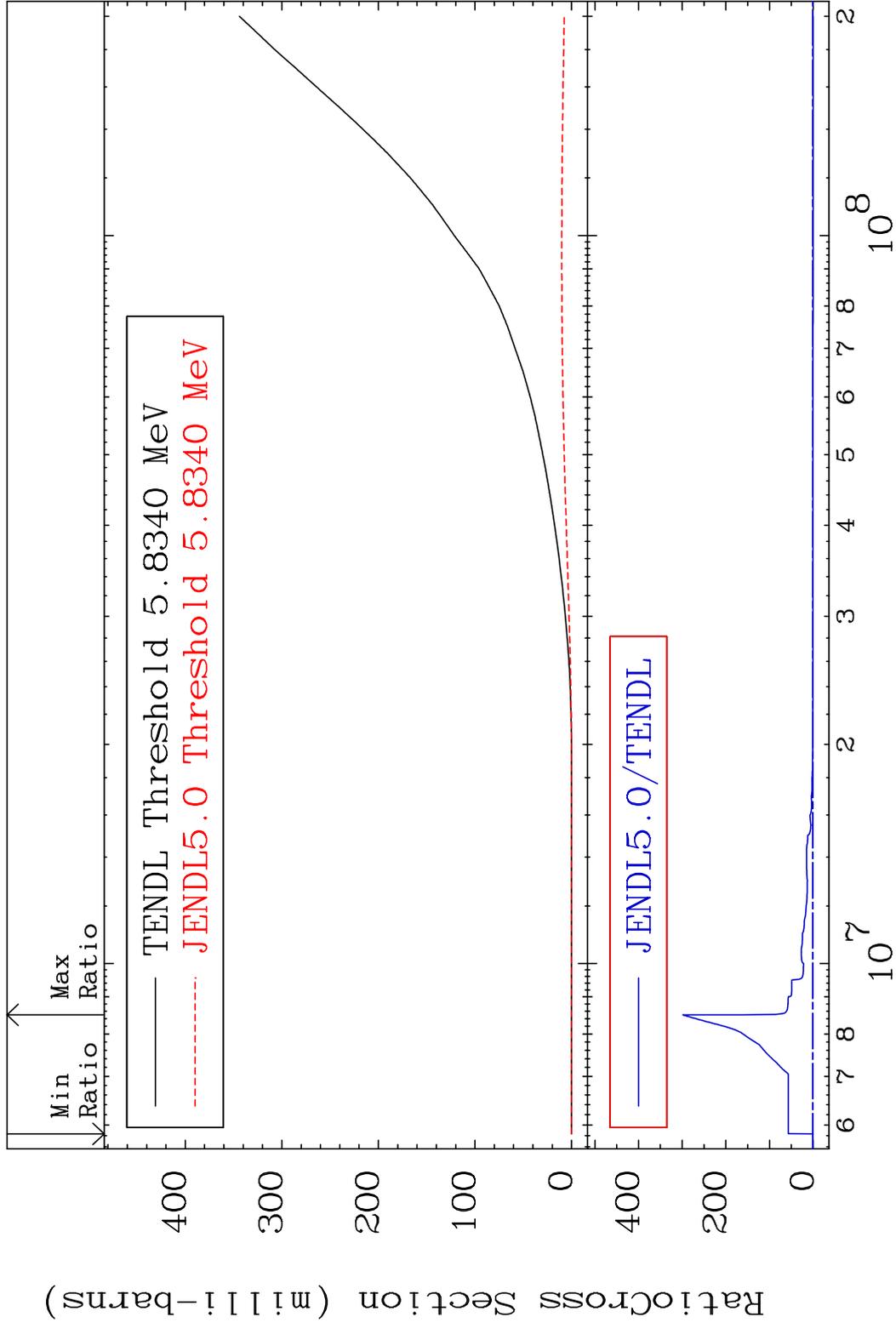


MAT 4228

He-3 Production

42-Mo-93

Cross Section -100.0 To 9999. %



55

Incident Energy (eV)

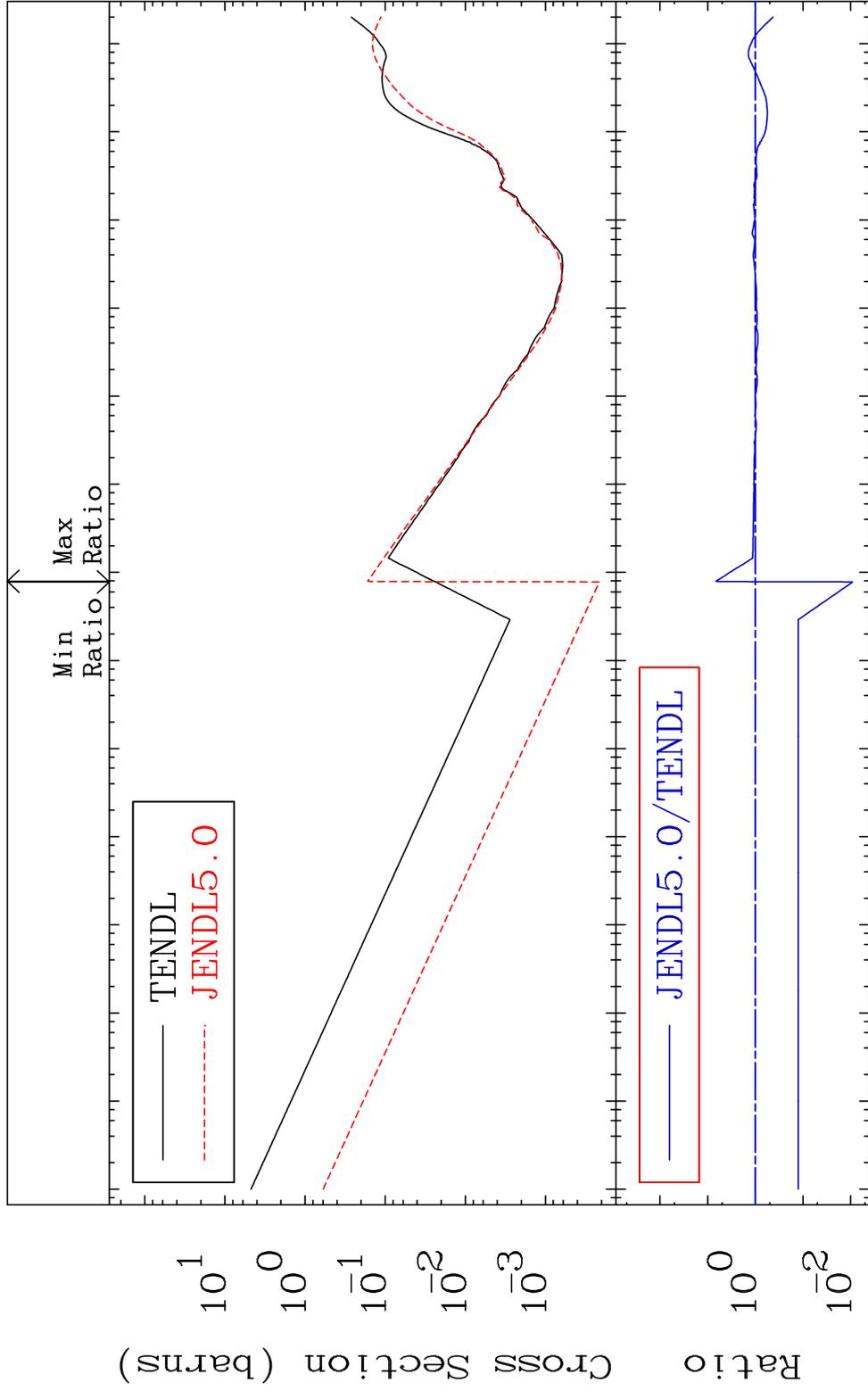
42-Mo-93

MAT 4228

He-4 Production

42-Mo-93

Cross Section -99.08 To 573.0 %

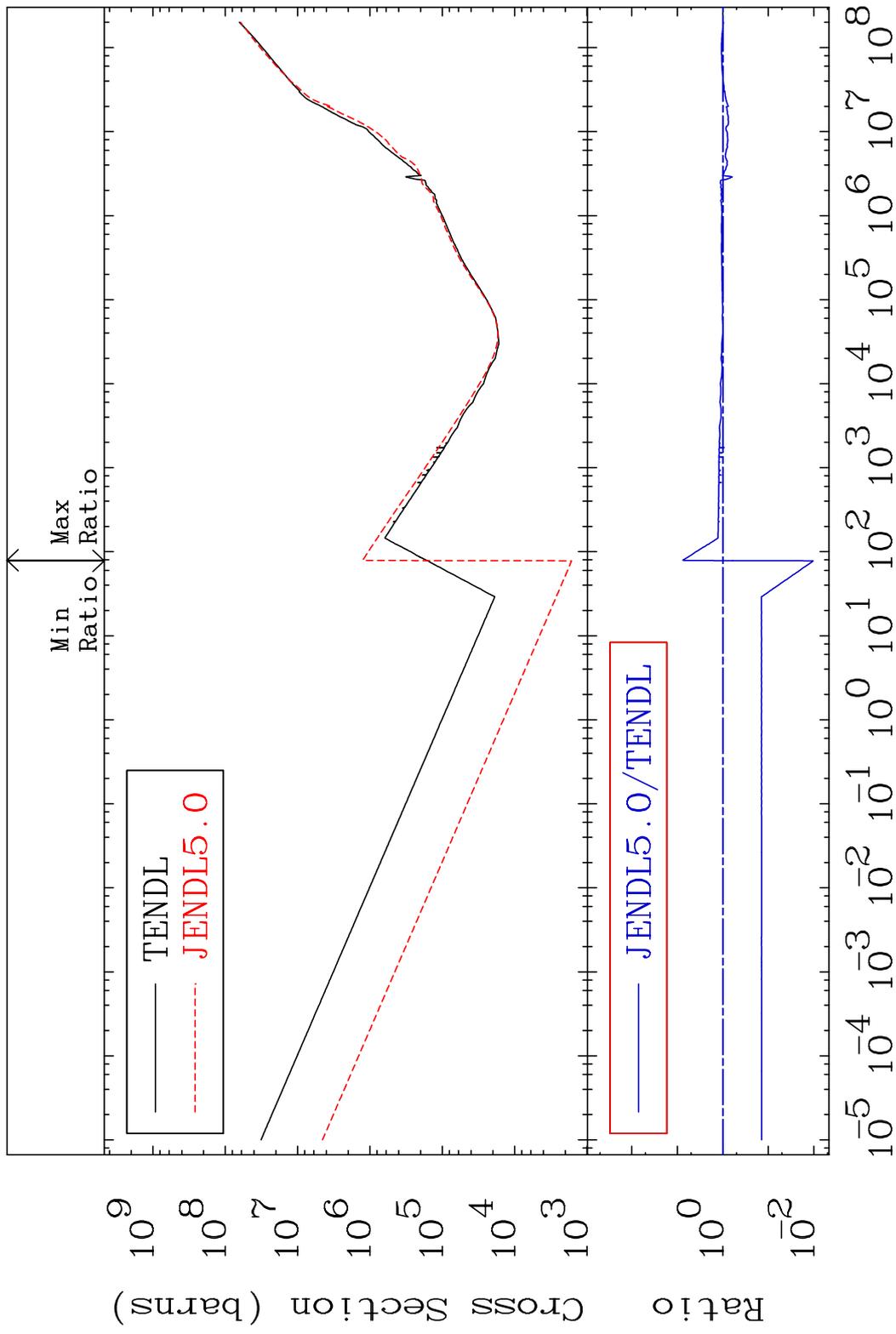


56

Incident Energy (eV)

42-Mo-93

MAT 4228 Kerma total (eV-barns) 42-Mo-93
 Cross Section -98.97 To 655.1 %



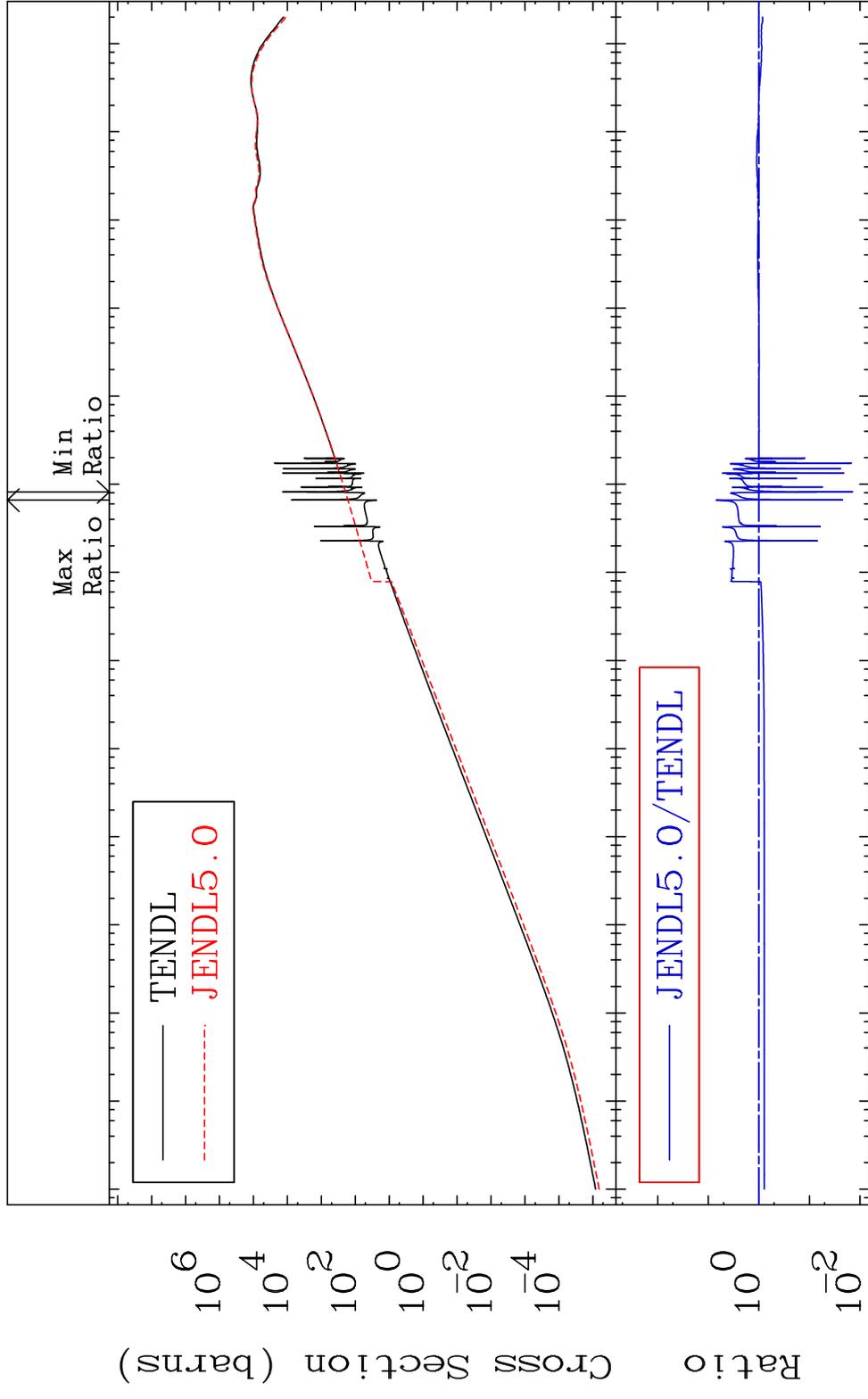
57 Incident Energy (eV) 42-Mo-93

MAT 4228

Kerma elastic

42-Mo-93

Cross Section -98.59 To 606.4 %

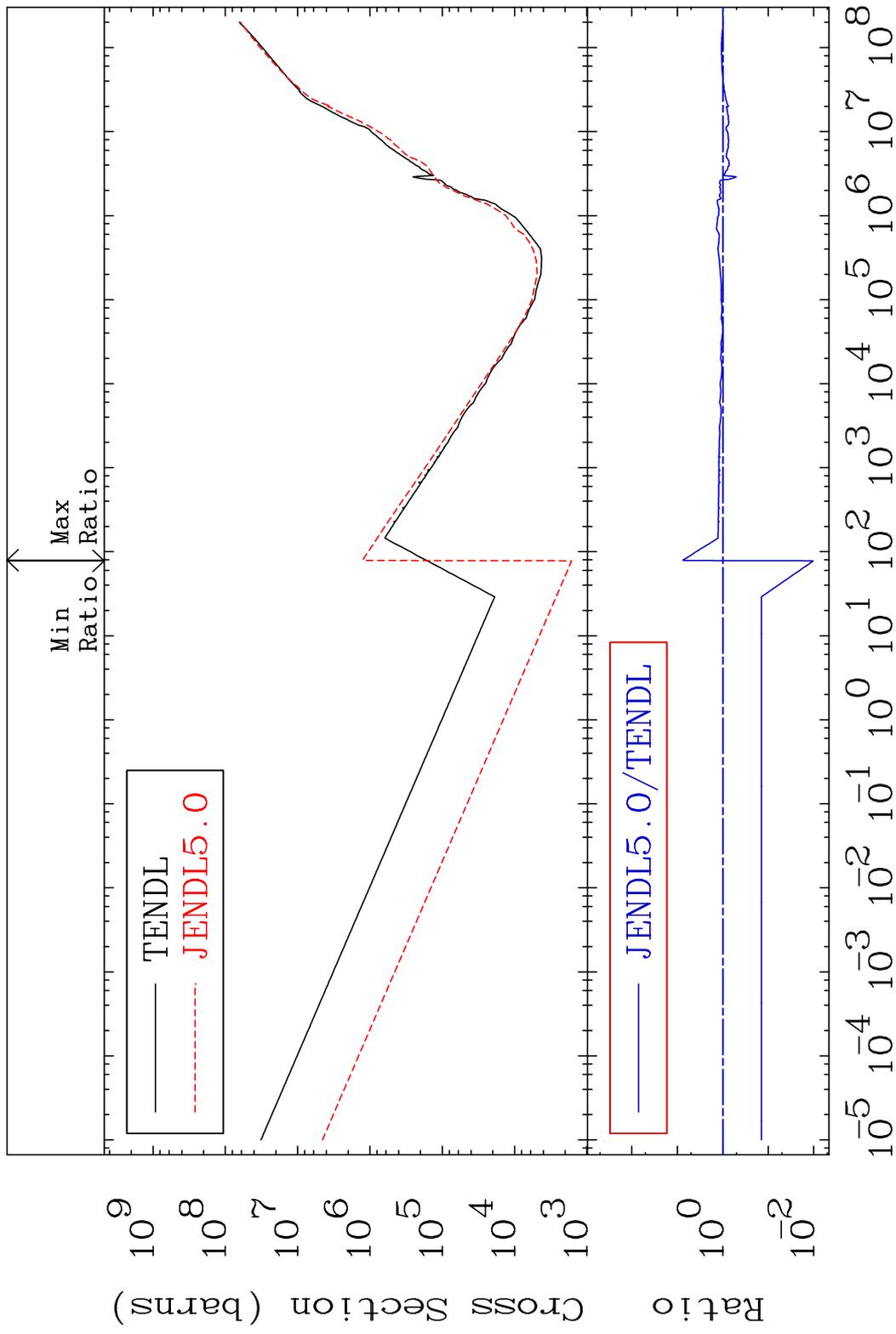


58

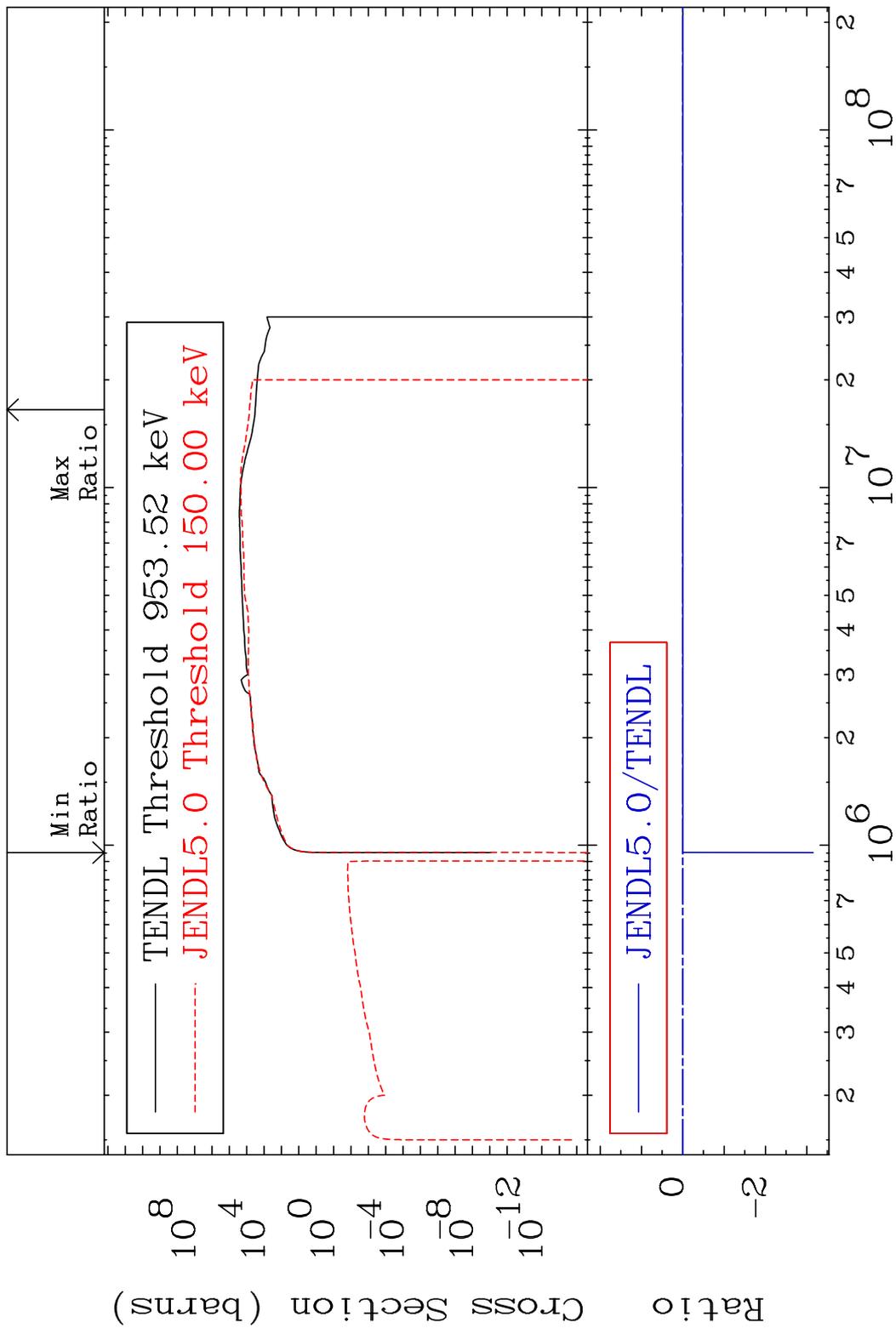
Incident Energy (eV)

42-Mo-93

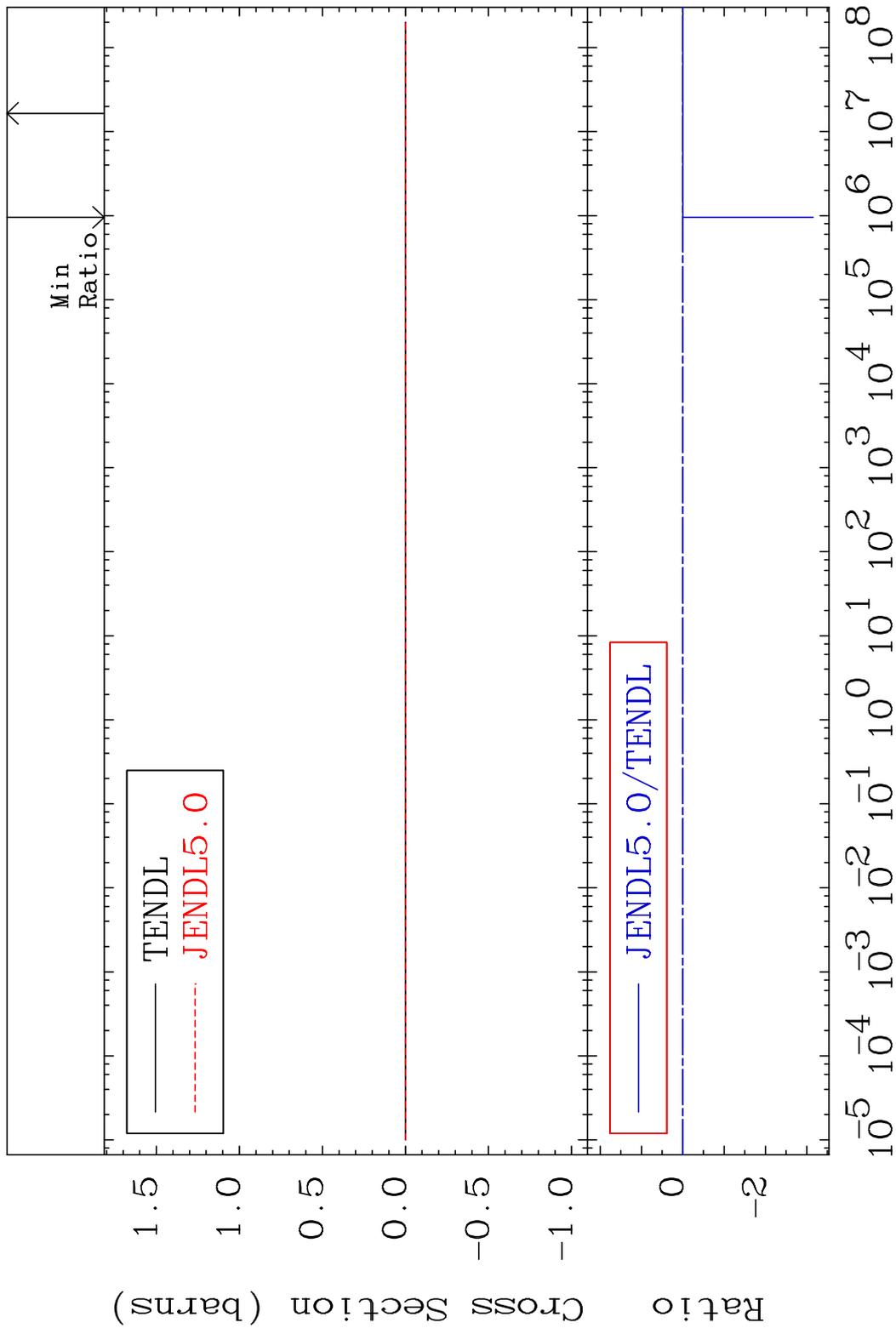
MAT 4228 Kerma non-elastic (all but mt2) 42-Mo-93
 Cross Section -98.97 To 655.1 %



MAT 4228 Kerma inelastic (mt51-91) 42-Mo-93
 Cross Section -9999. To 118.3 %



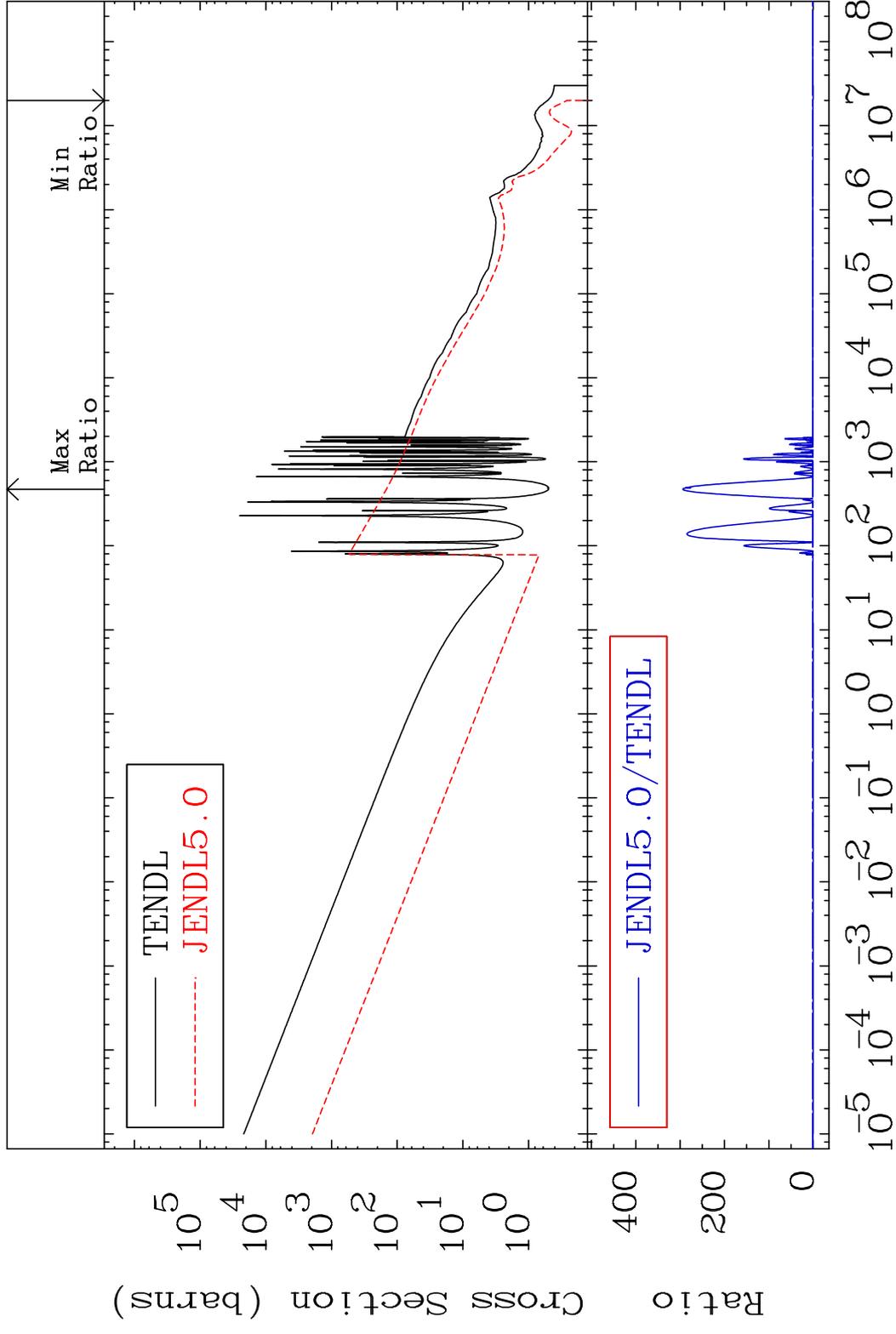
MAT 4228 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-93
 Cross Section -9999. To 118.3 %



MAT 4228

Kerma capture (mt102) 42-Mo-93

Cross Section -100.0 To 9999. %

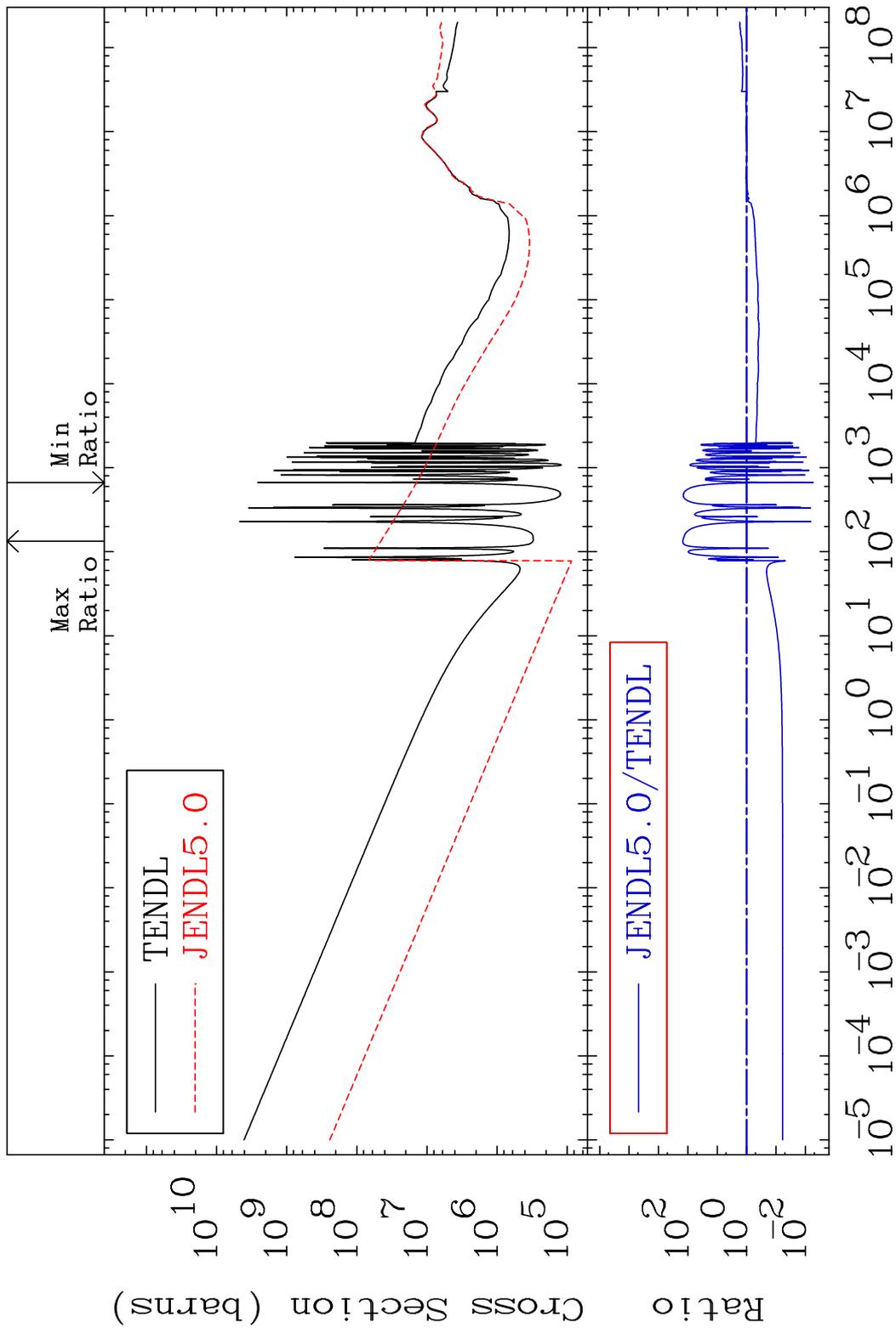


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Incident Energy (eV)

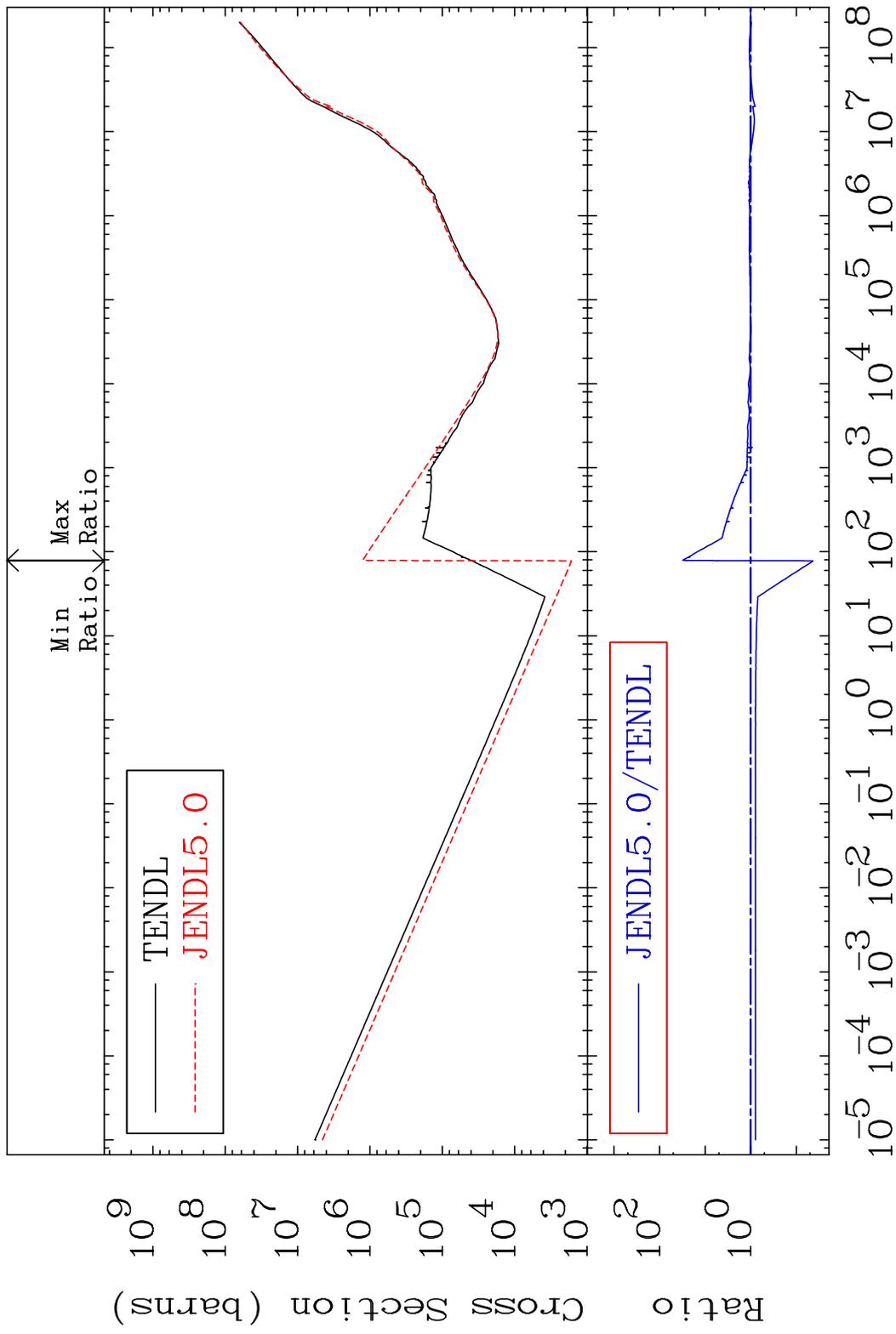
42-Mo-93

MAT 4228 Total photon (eV-barns) 42-Mo-93
 Cross Section -99.46 To 9999. %

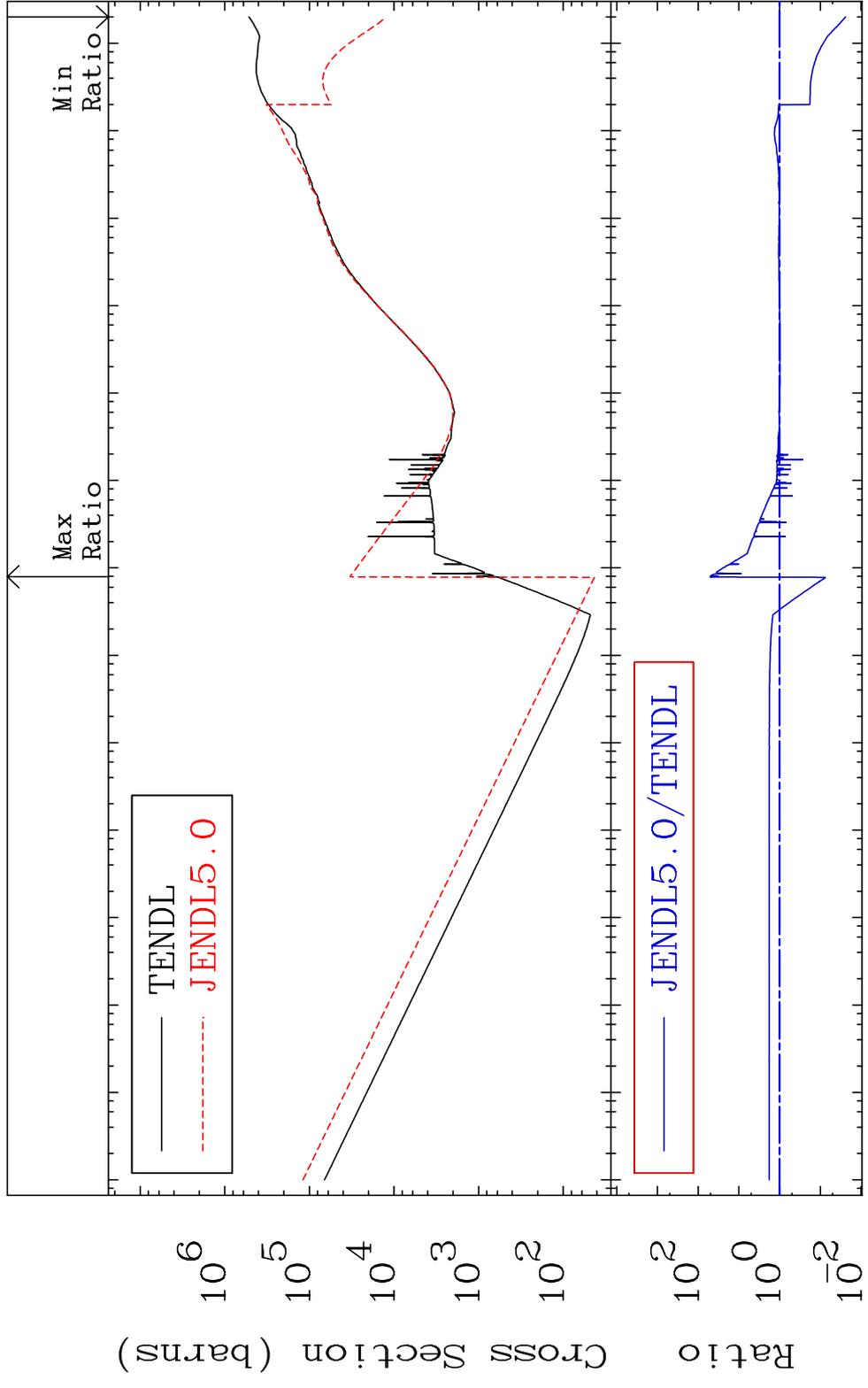


63 Incident Energy (eV) 42-Mo-93

MAT 4228 Total kinematic kerma (high limit) 42-Mo-93
 Cross Section -95.74 To 2991. %



MAT 4228 Dpa total (eV-barns) 42-Mo-93
 Cross Section -97.60 To 5015. %

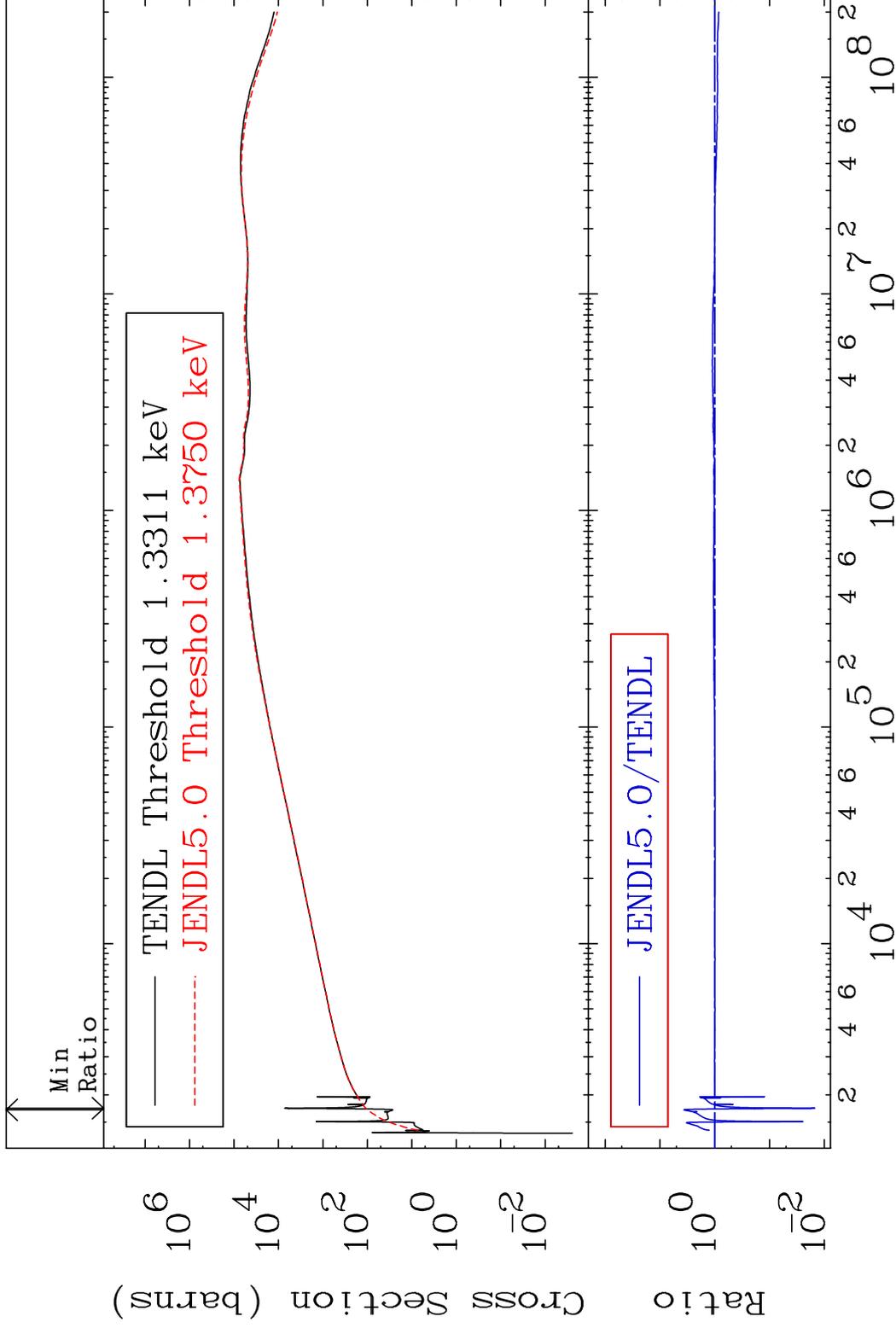


MAT 4228

Dpa elastic (mt2)

42-Mo-93

Cross Section -98.50 To 265.9 %

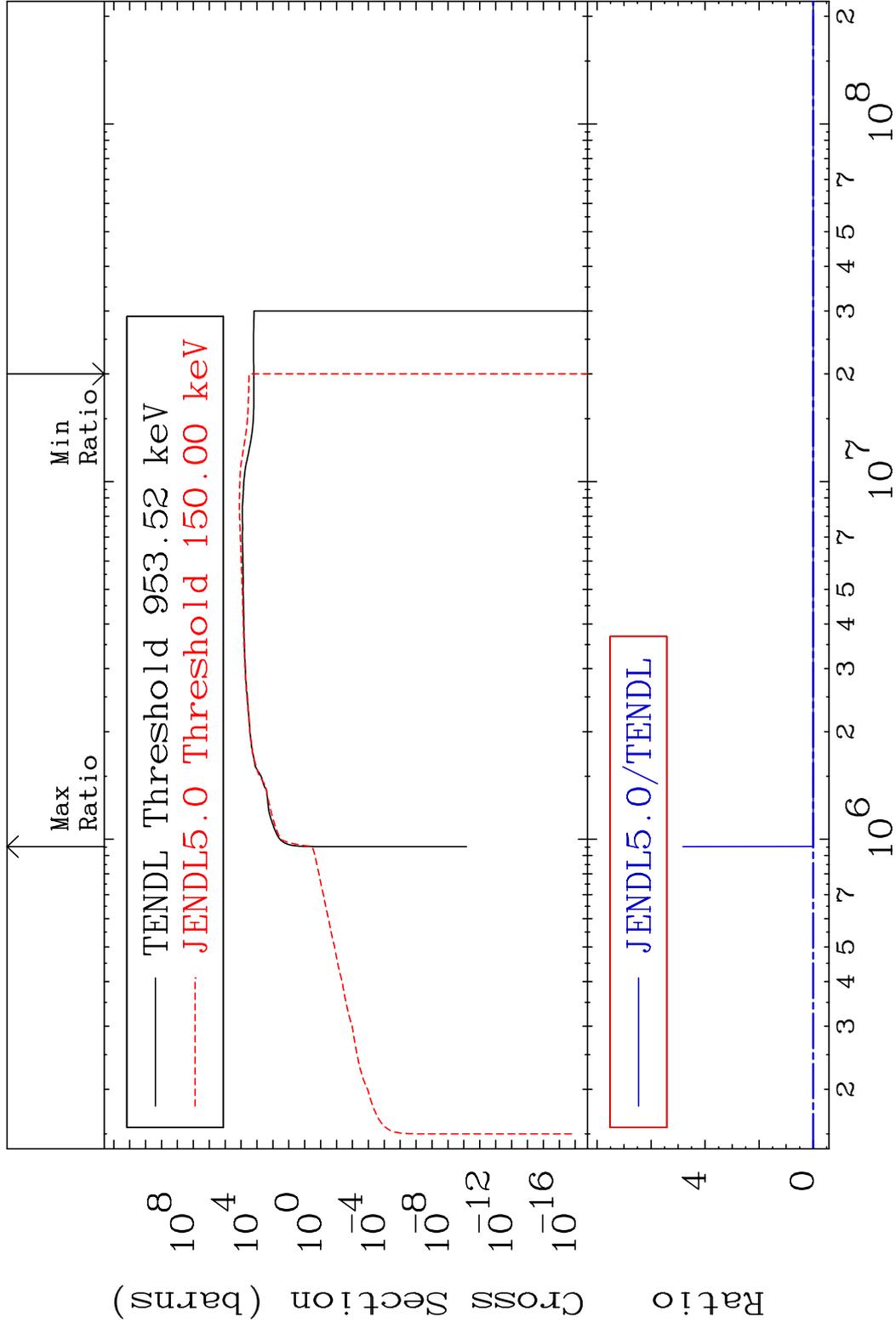


66

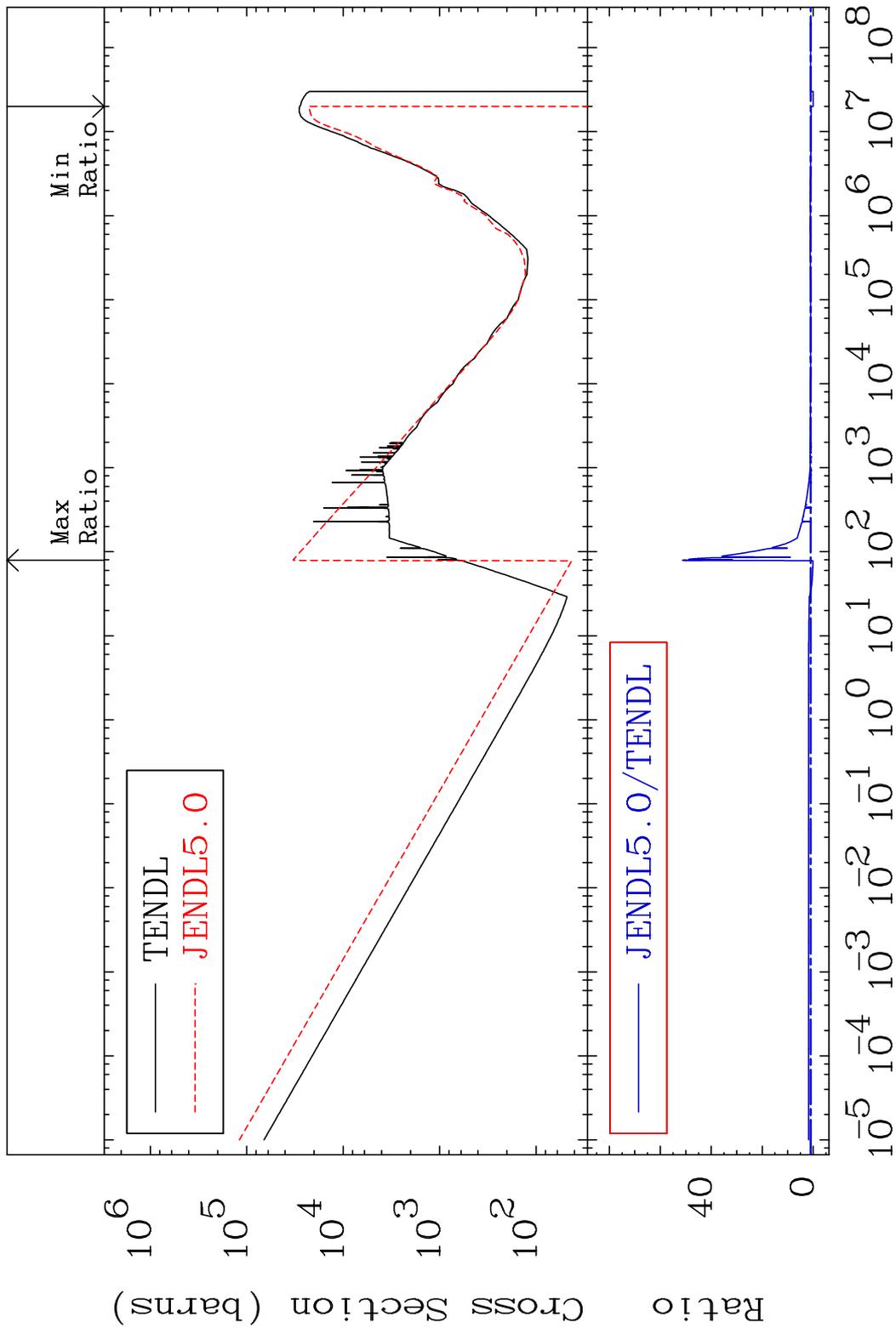
Incident Energy (eV)

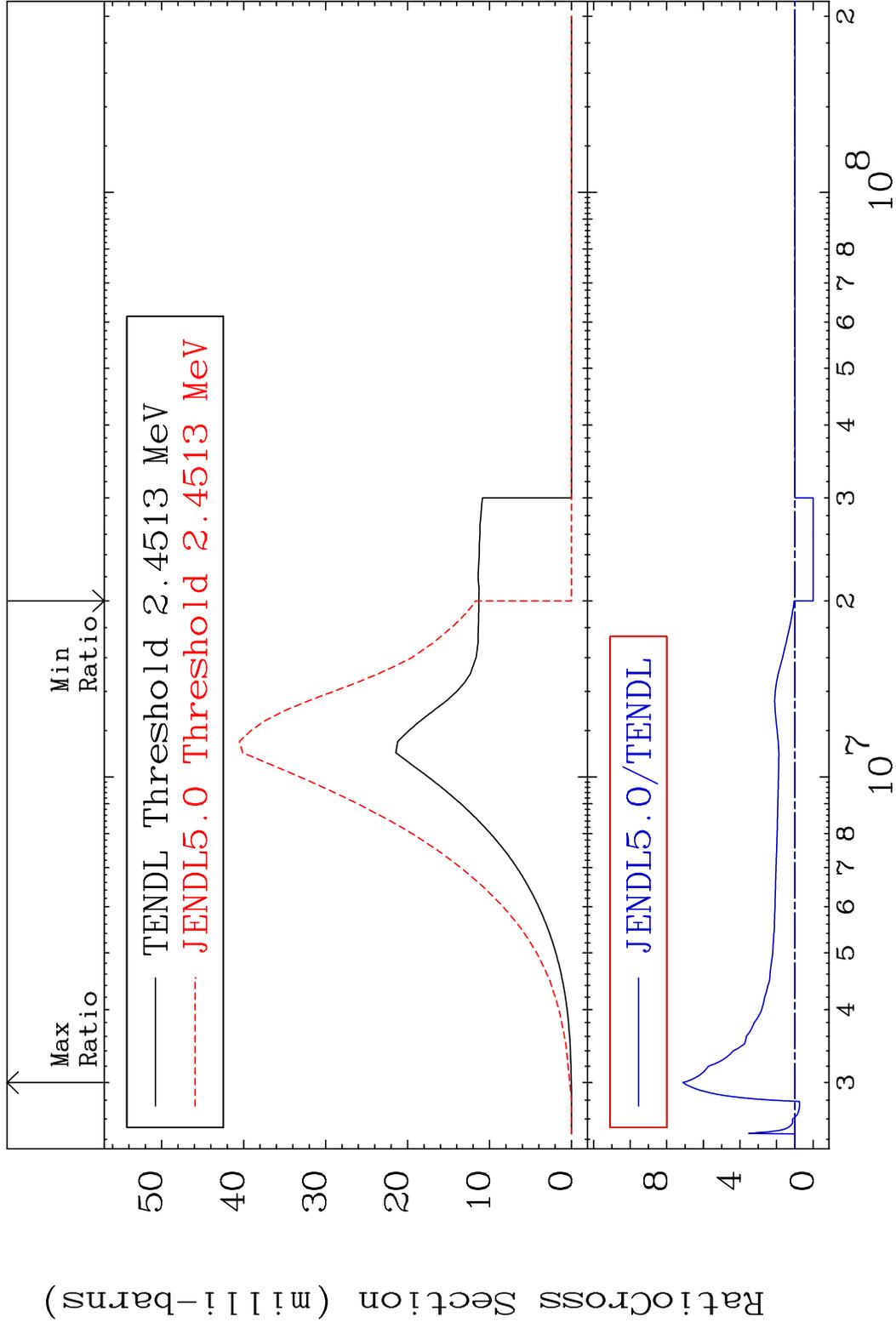
42-Mo-93

MAT 4228 Dpa inelastic (mt51-91) 42-Mo-93
 Cross Section -100.0 To 9999. %

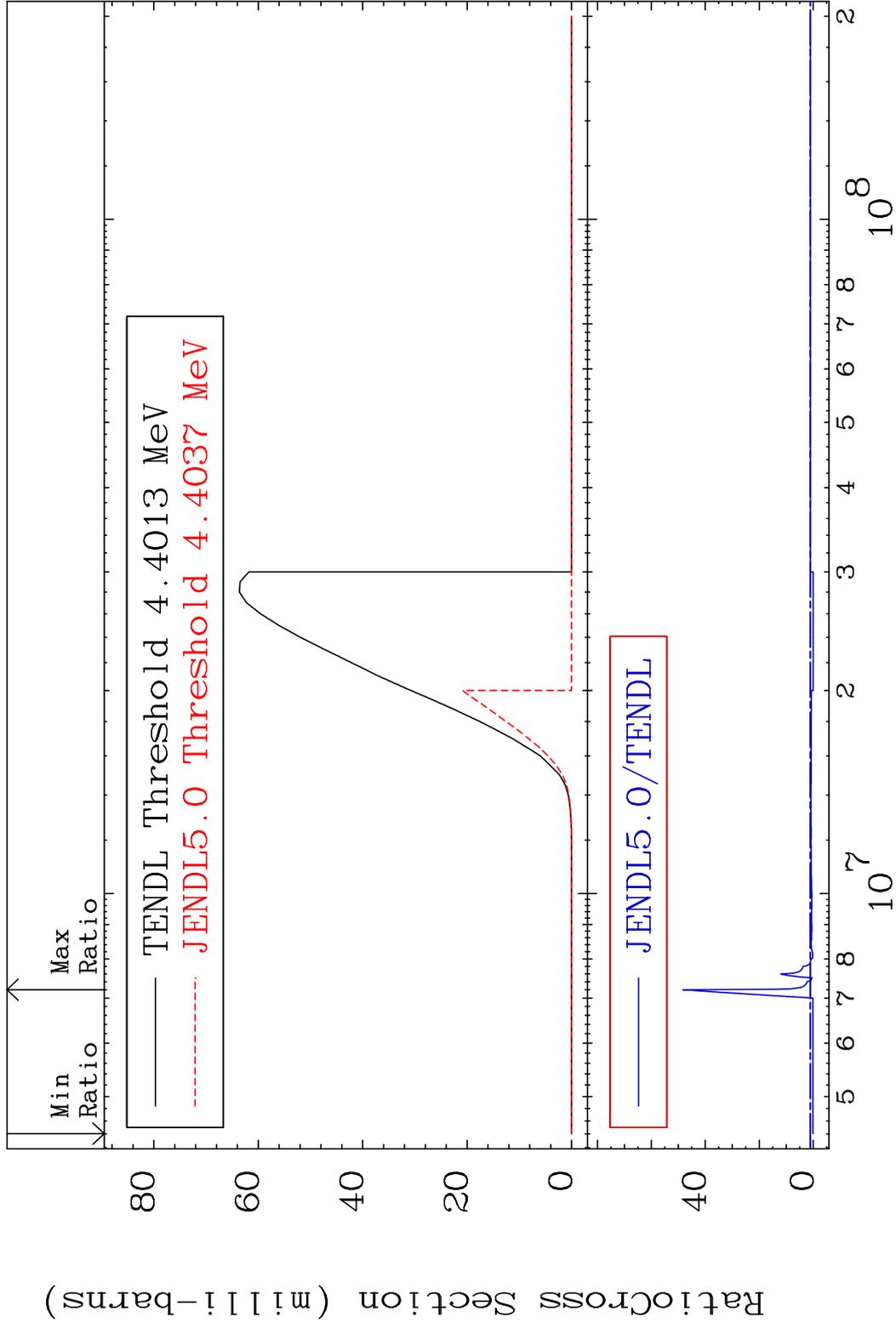


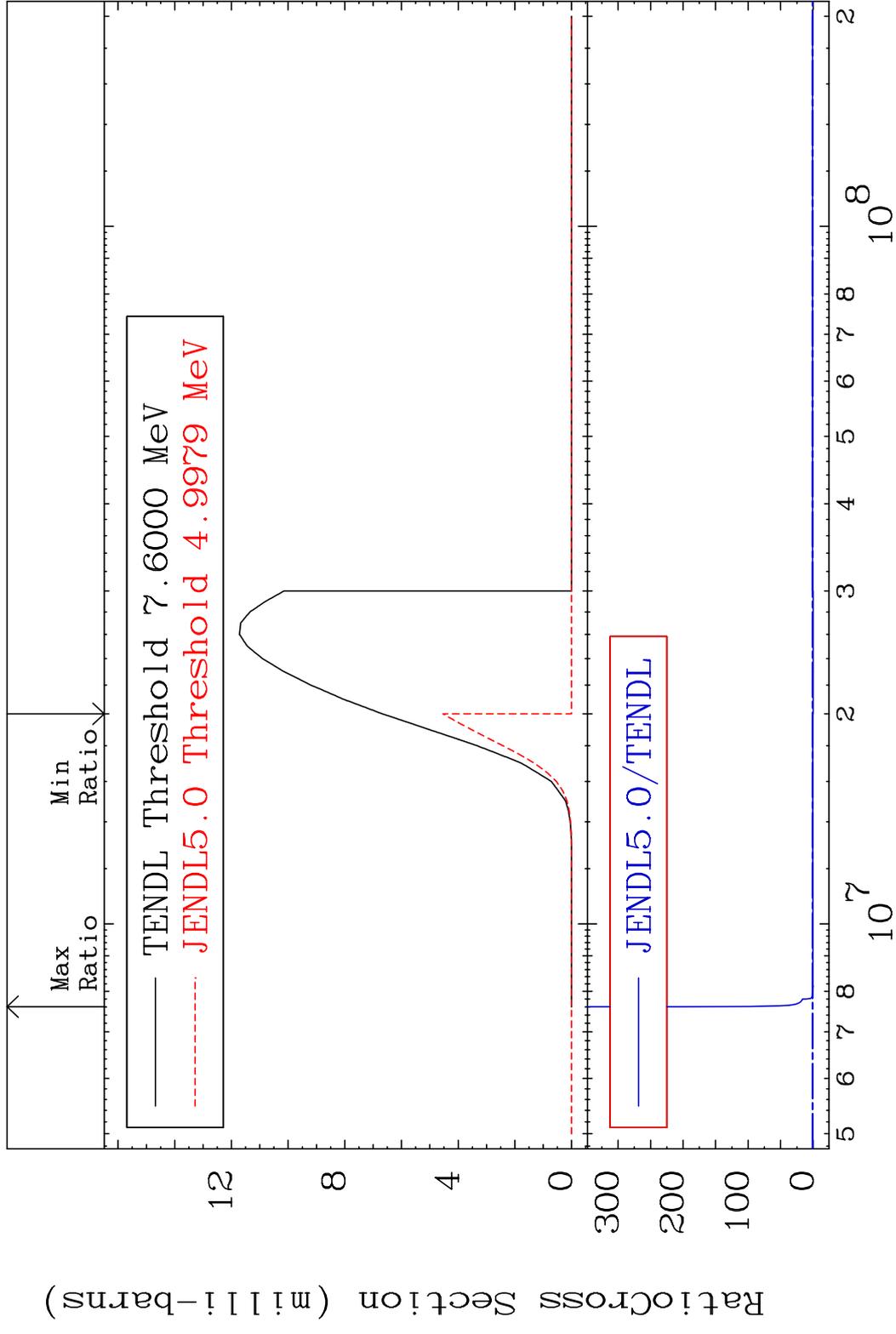
MAT 4228 Dpa disappearance (mt102 -120) 42-Mo-93
 Cross Section -100.0 To 5015. %



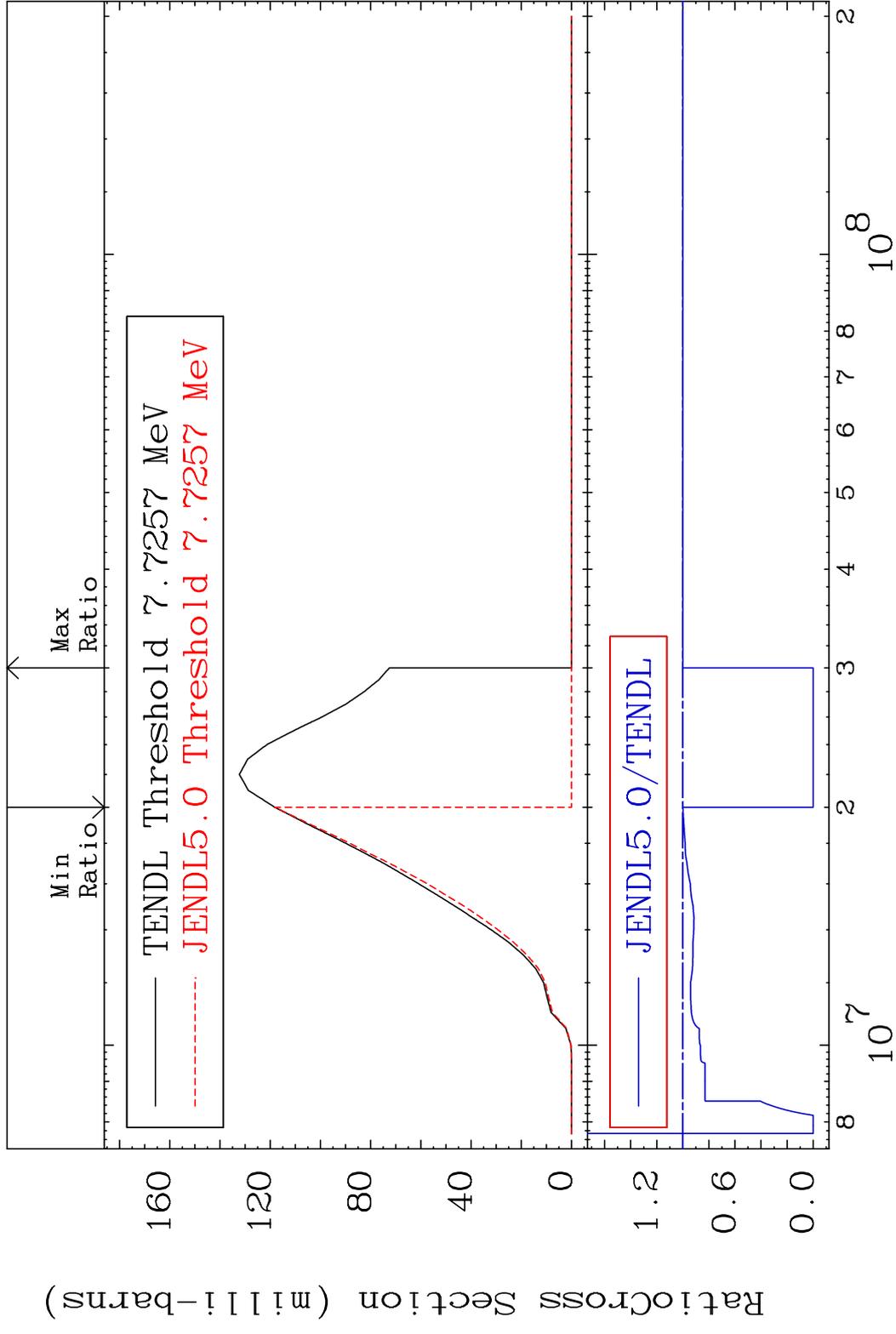


MAT 4228 (n, n') α : 40-Zr-89g 42-Mo-93
 Radionuclide Production Cross Section 180.0 d to 4734. %

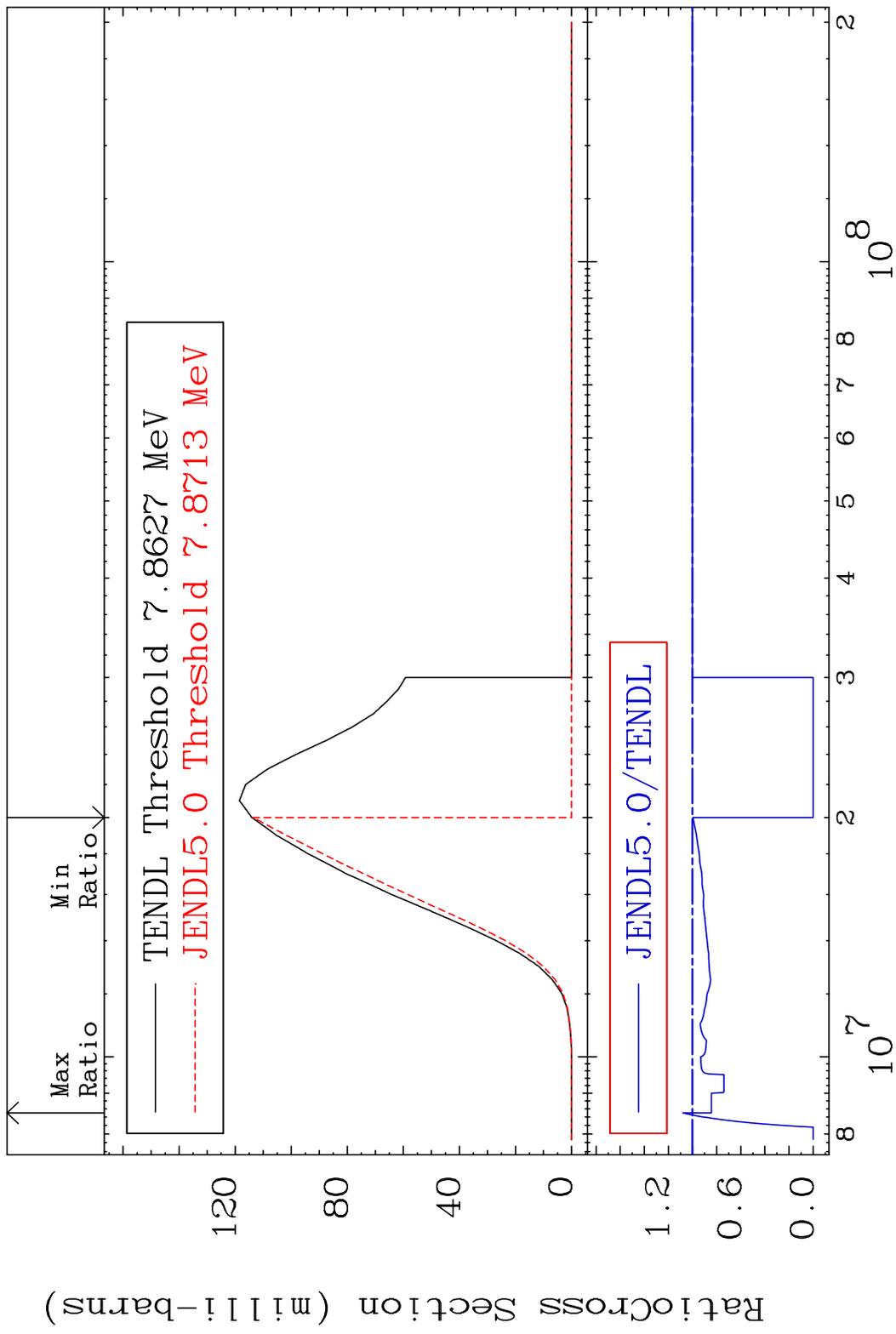




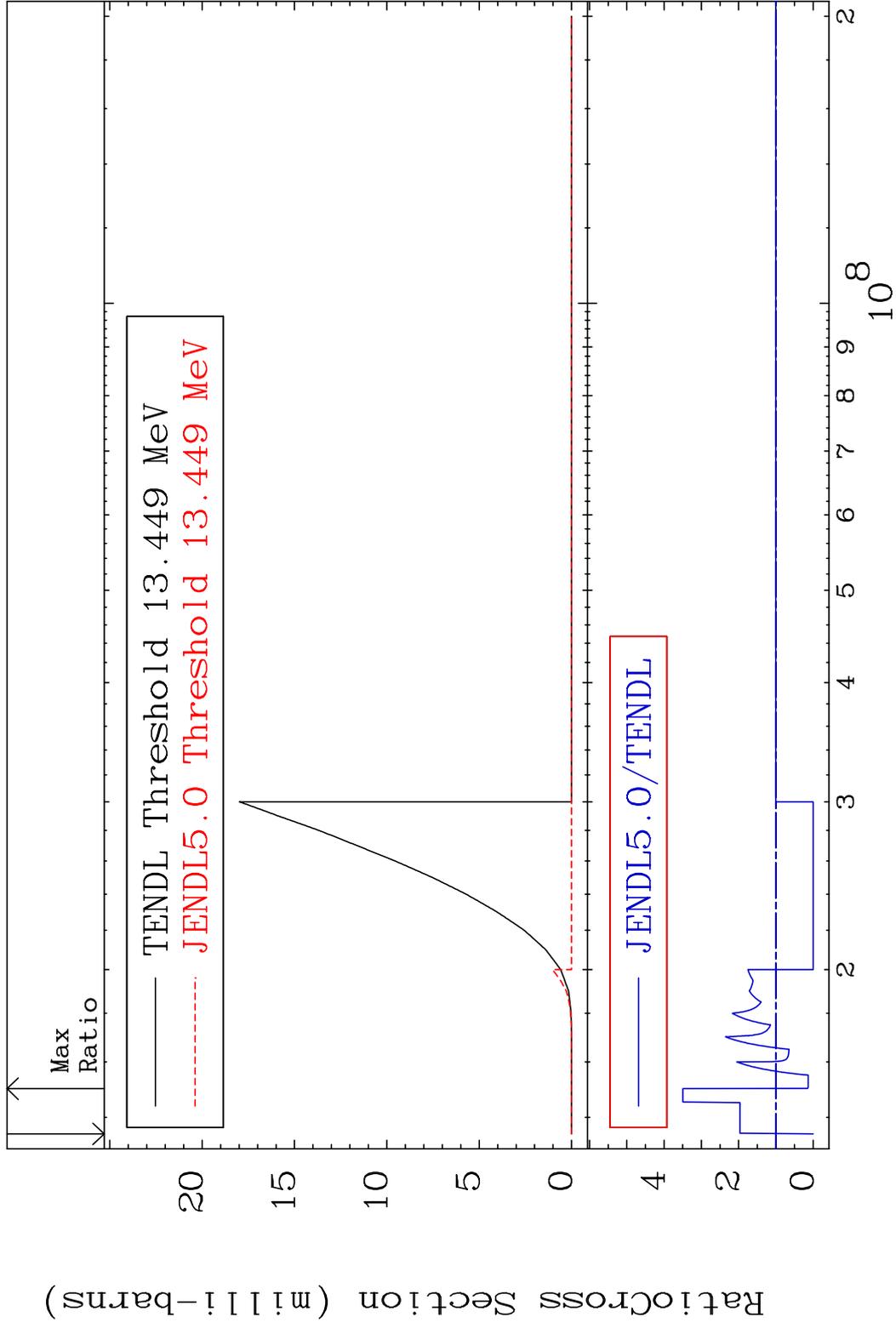
MAT 4228 (n, n') p:41-Nb-92g 42-Mo-93
 Radionuclide Production Cross Section Ratio 0.000 %



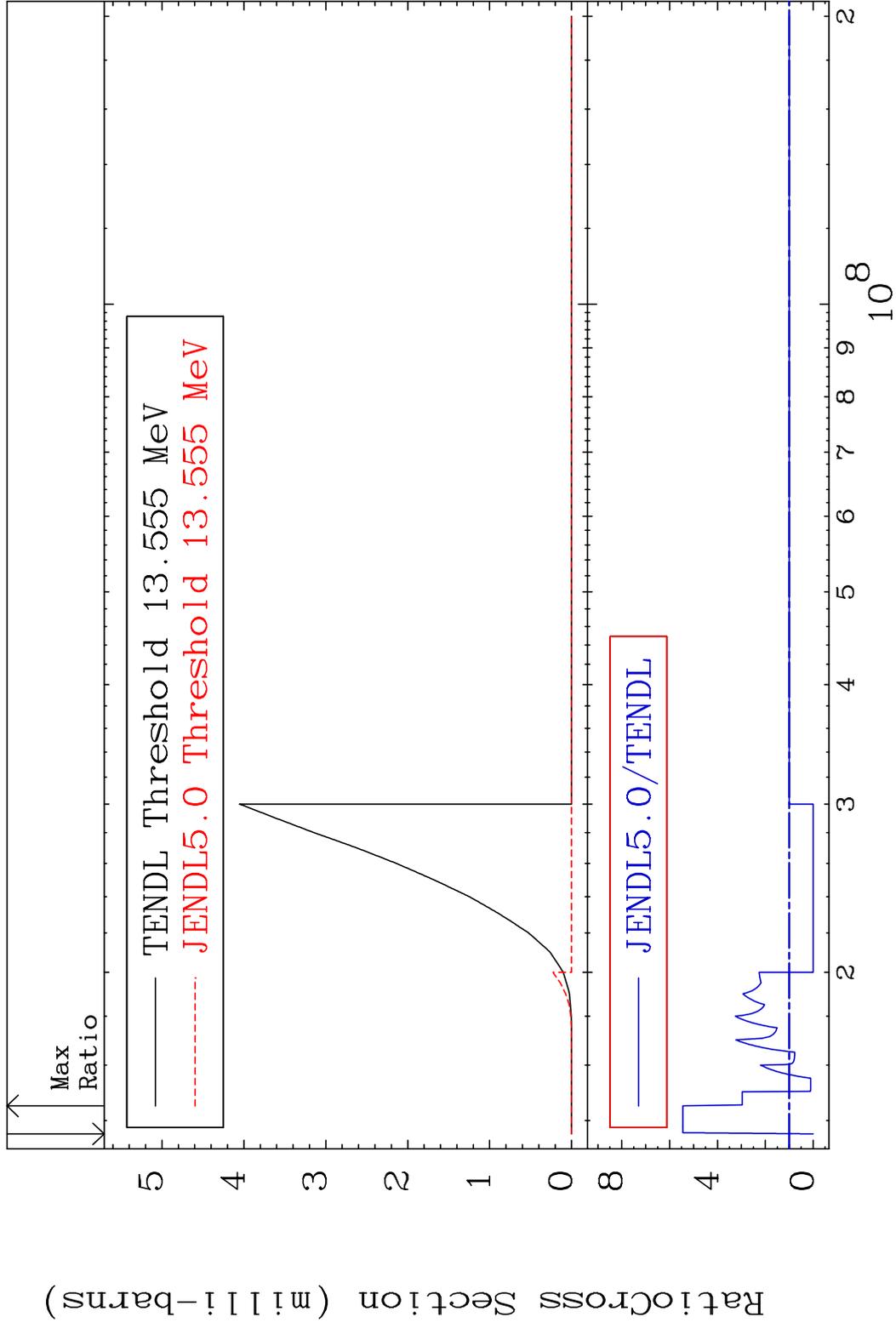
MAT 4228 (n, n') p:41-Nb-92m1 42-Mo-93
 Radionuclide Production Cross Section 180.0 mb 8.060 %

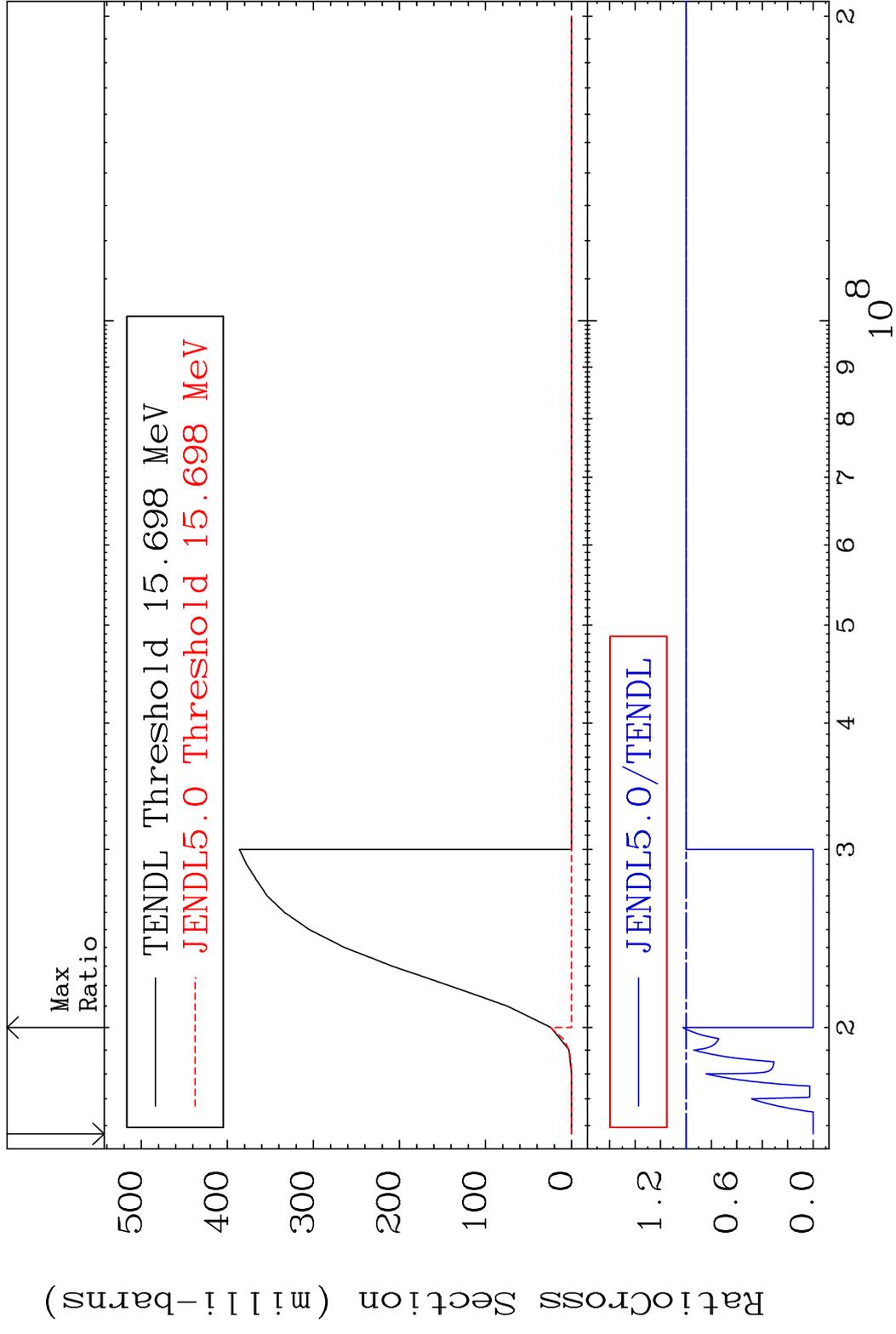


MAT 4228 (n, n') d:41-Nb-91g 42-Mo-93
 Radionuclide Production Cross Section 180.01 dth 249.6 %

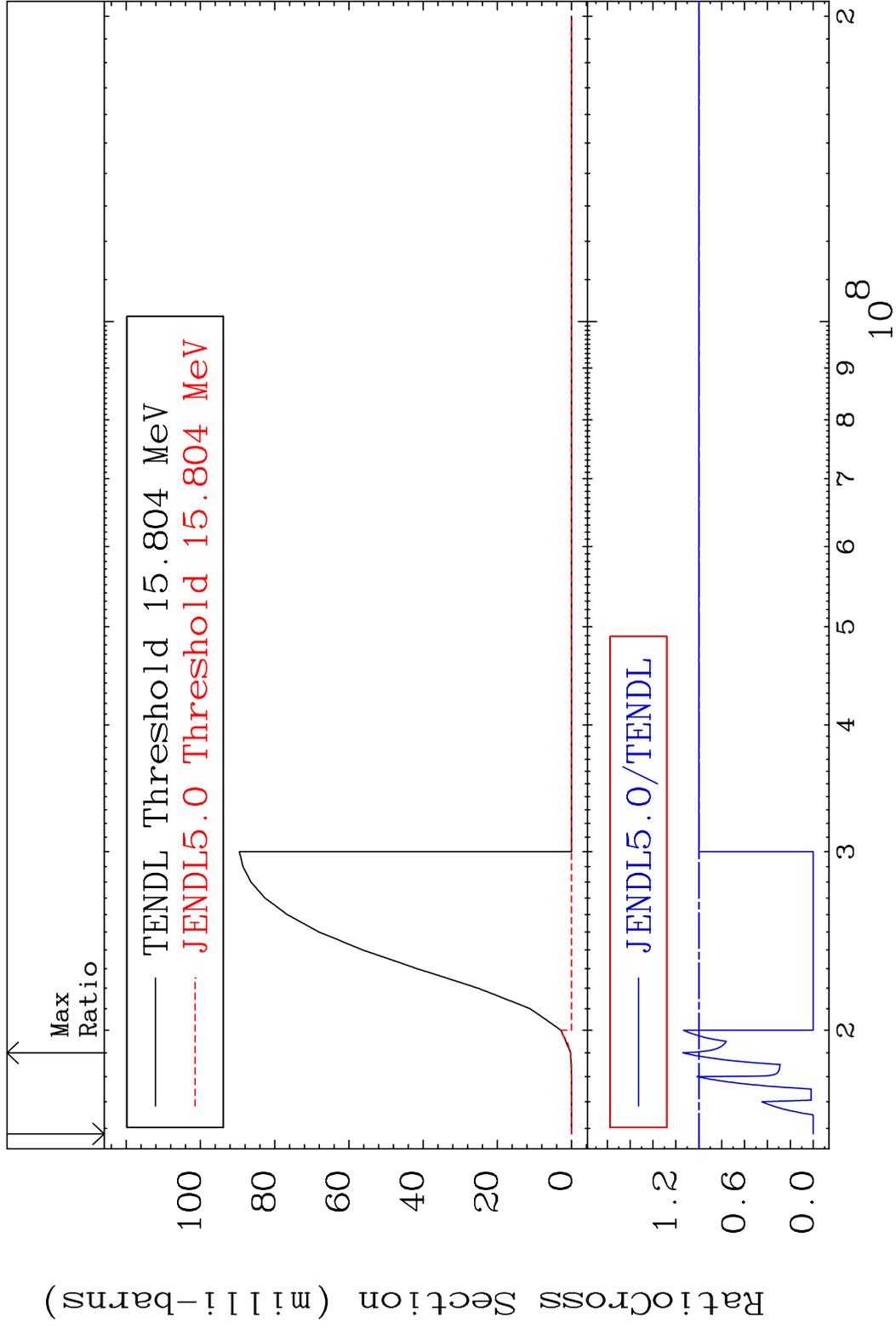


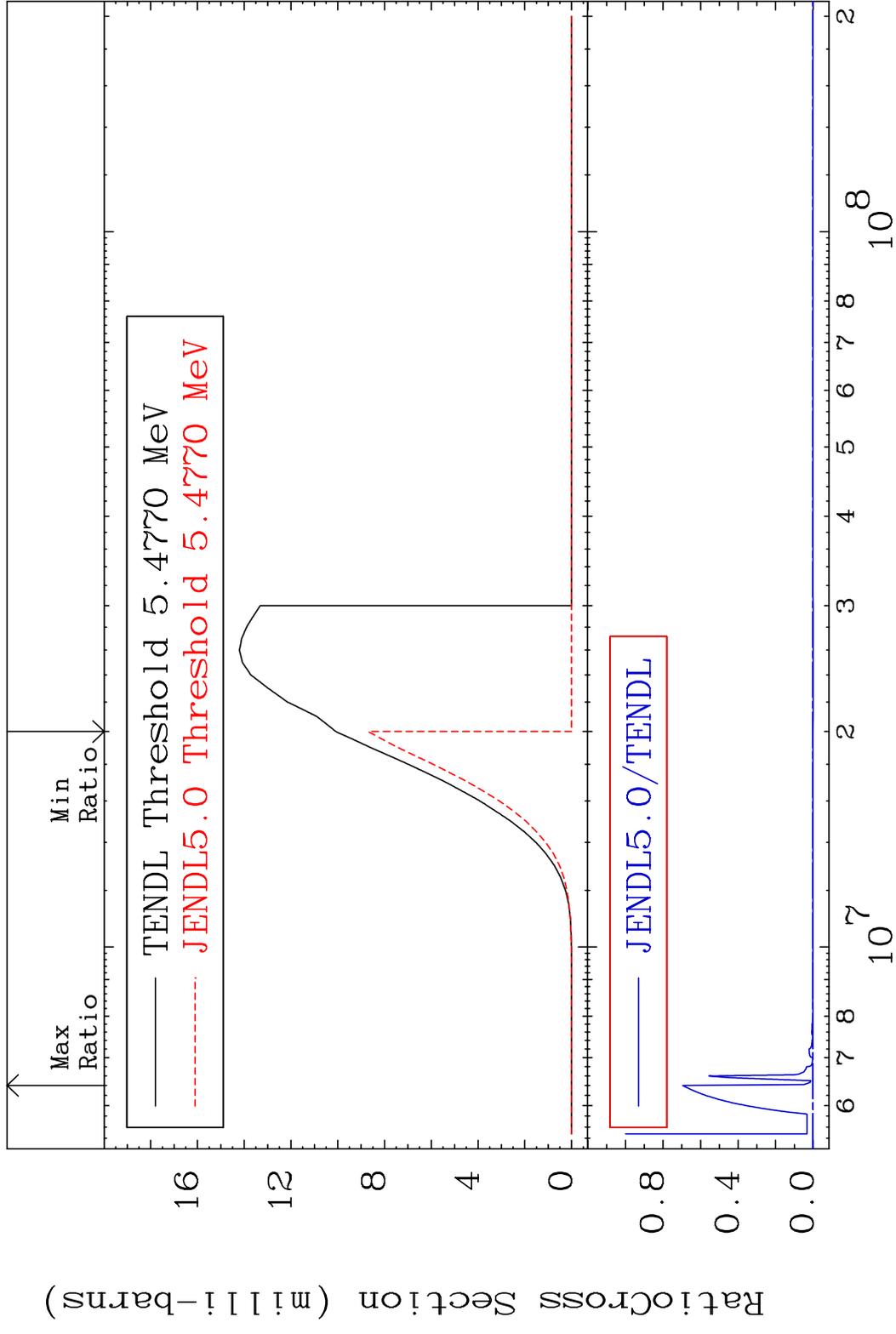
MAT 4228 (n, n') d:41-Nb-91m1 42-Mo-93
 Radionuclide Production Cross Section Ratio 444.8 %



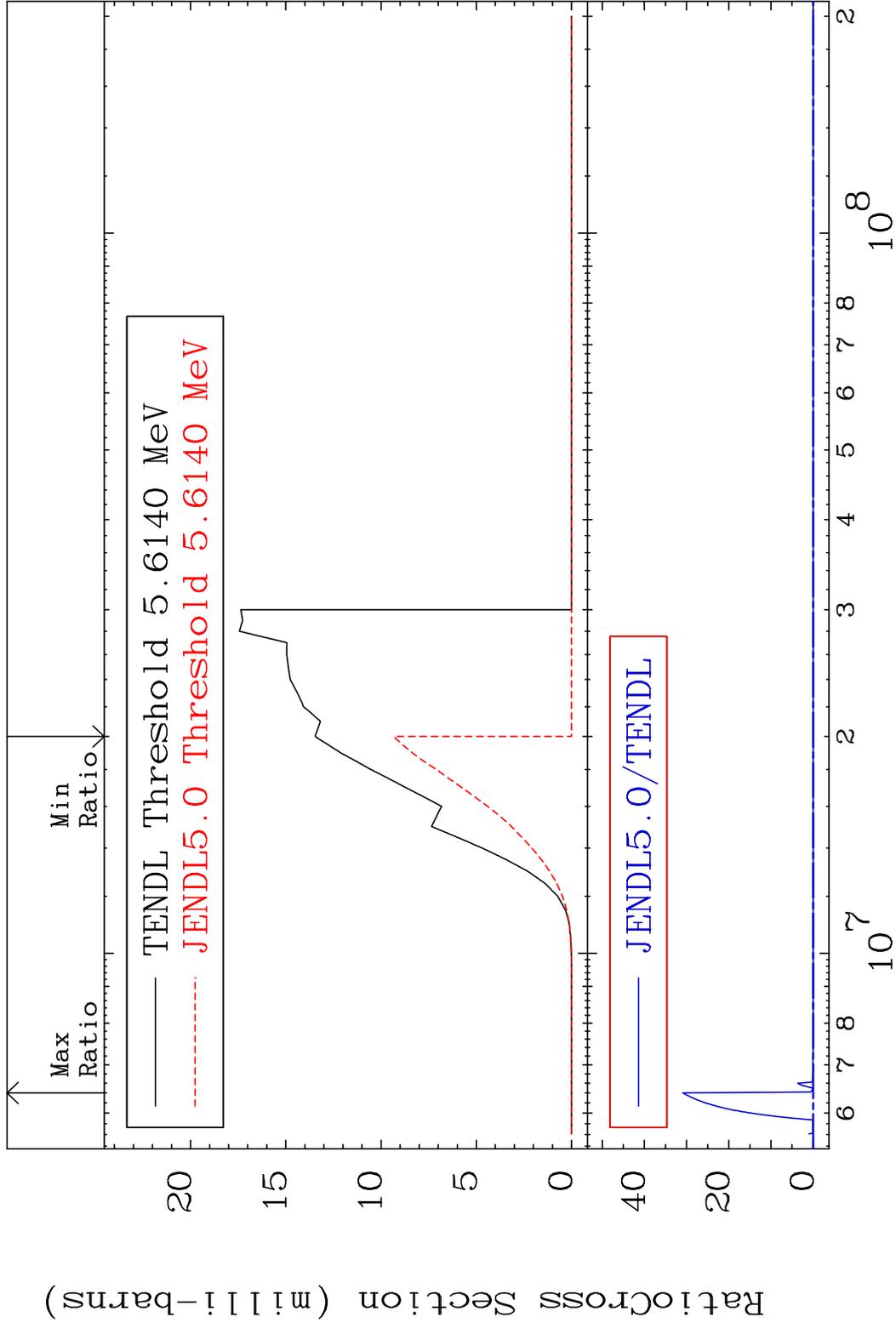


MAT 4228 (n,2n) p:41-Nb-91m1 42-Mo-93
 Radionuclide Production Cross Section 13.91 %



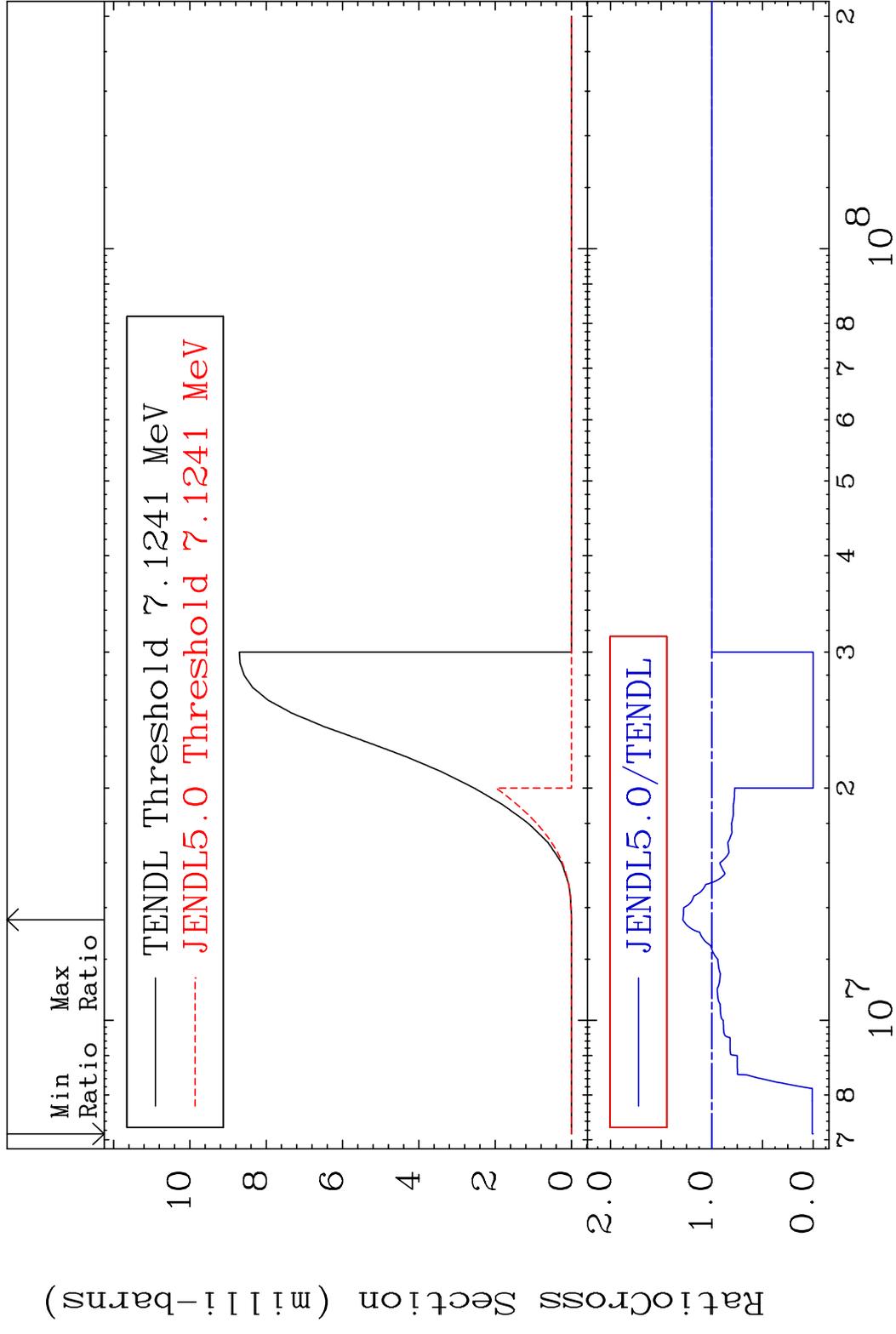


MAT 4228 (n,d):41-Nb-92m1 42-Mo-93
 Radionuclide Production Cross Section 1000 to 9999. %



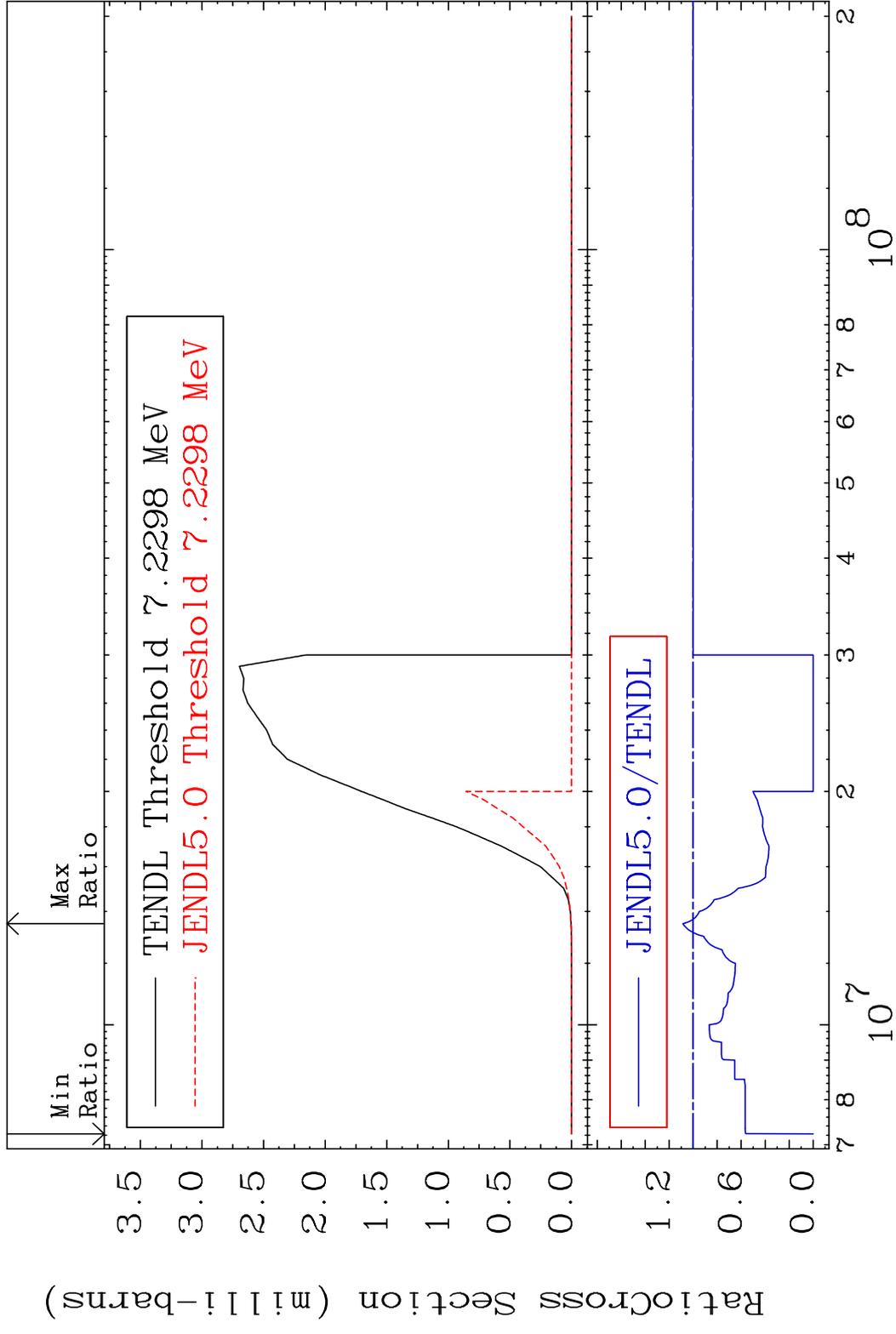
79 Incident Energy (eV) 42-Mo-93

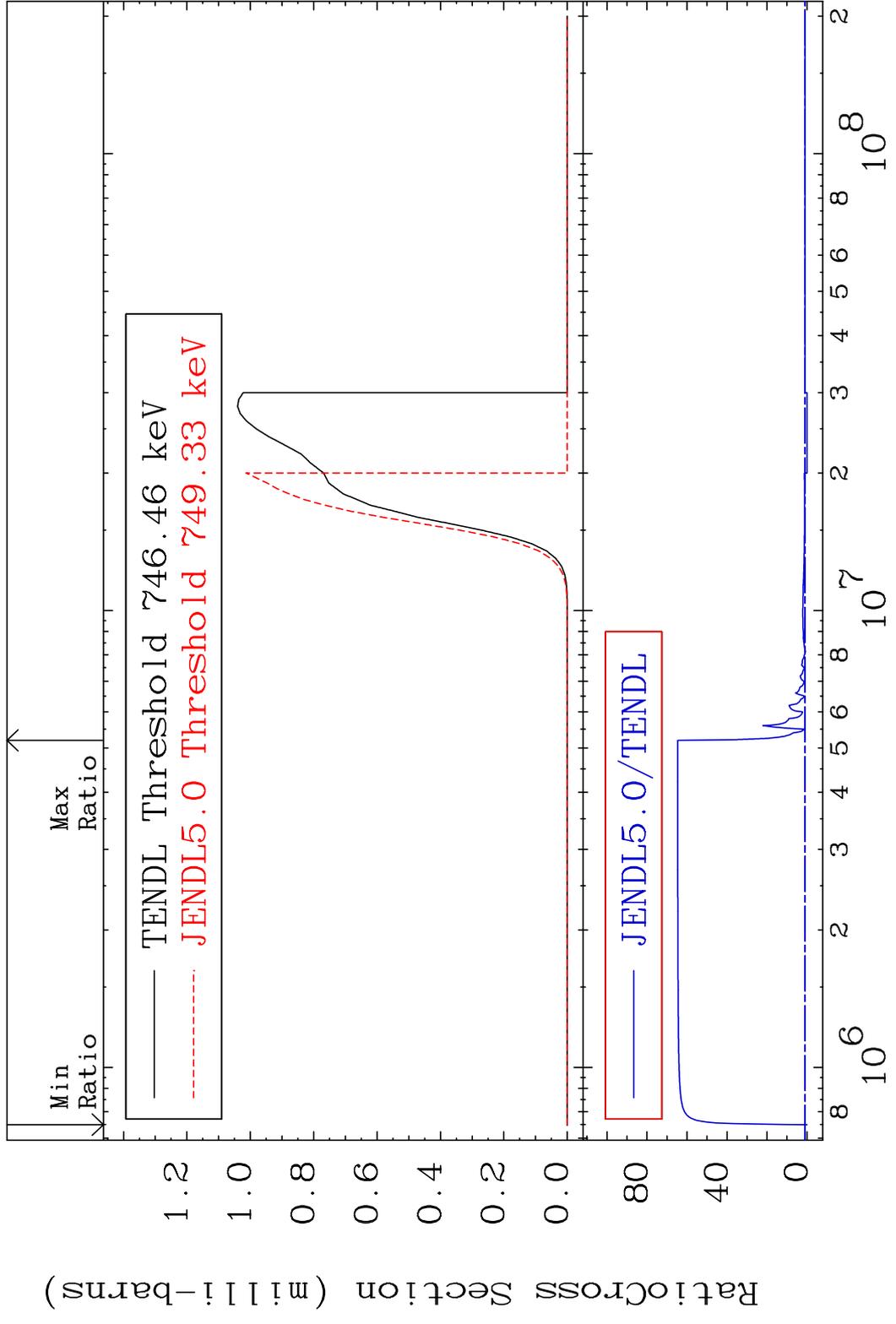
MAT 4228 (n, t): 41-Nb-91g 42-Mo-93
 Radionuclide Production Cross Section 180.0 mb 28.56 %

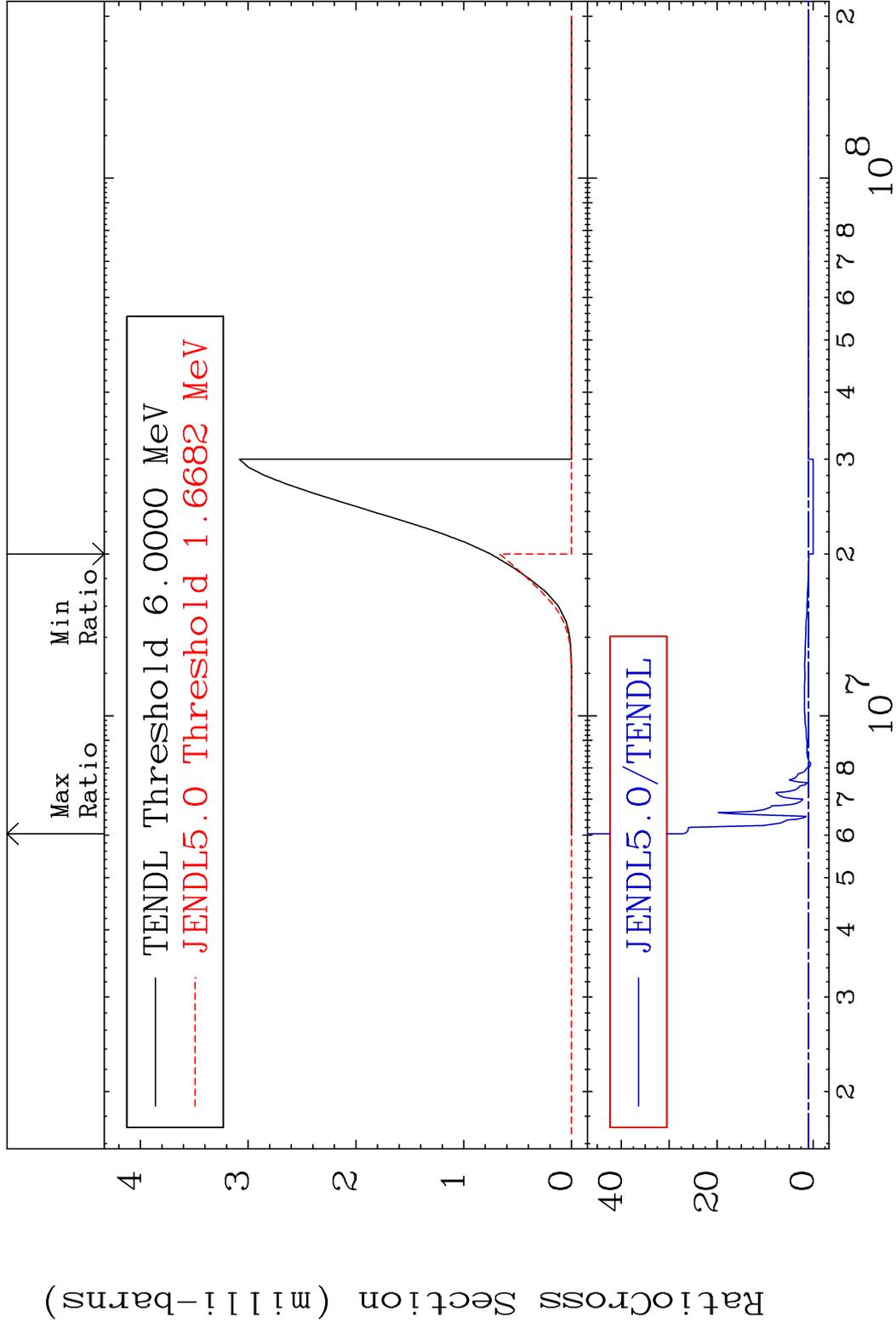


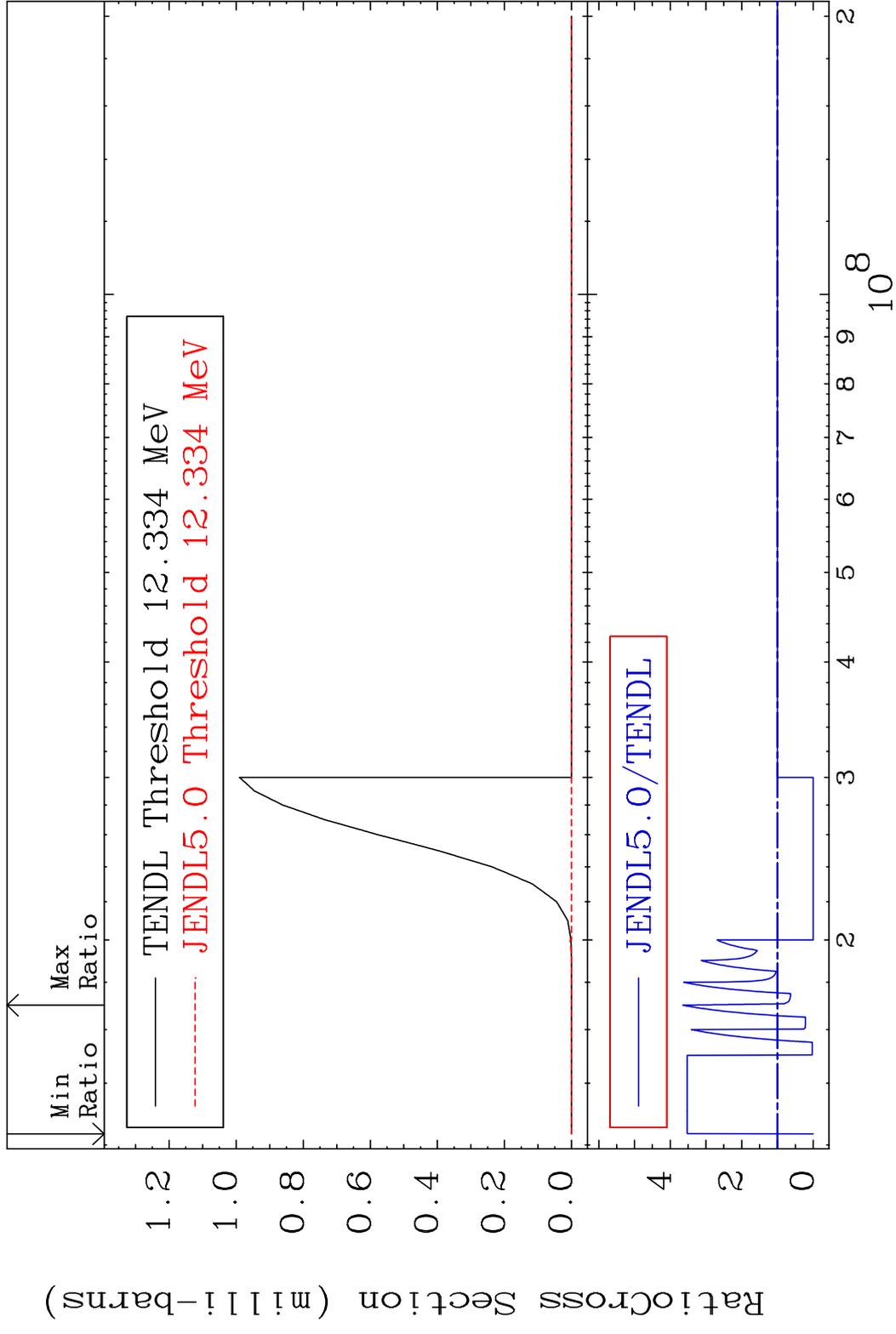
80 Incident Energy (eV) 42-Mo-93

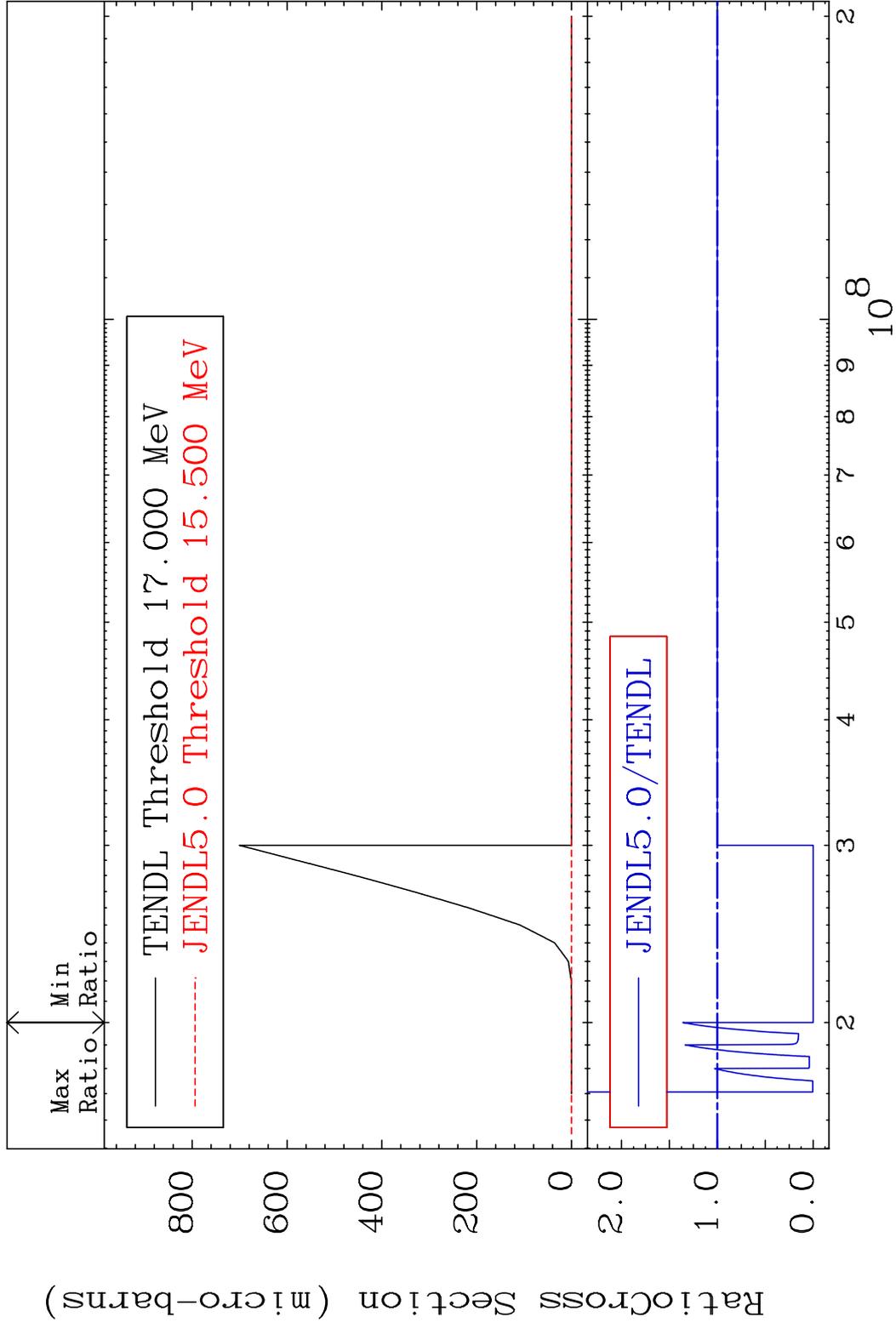
MAT 4228 (n, t): 41-Nb-91m1 42-Mo-93
 Radionuclide Production Cross Section 8.637 %

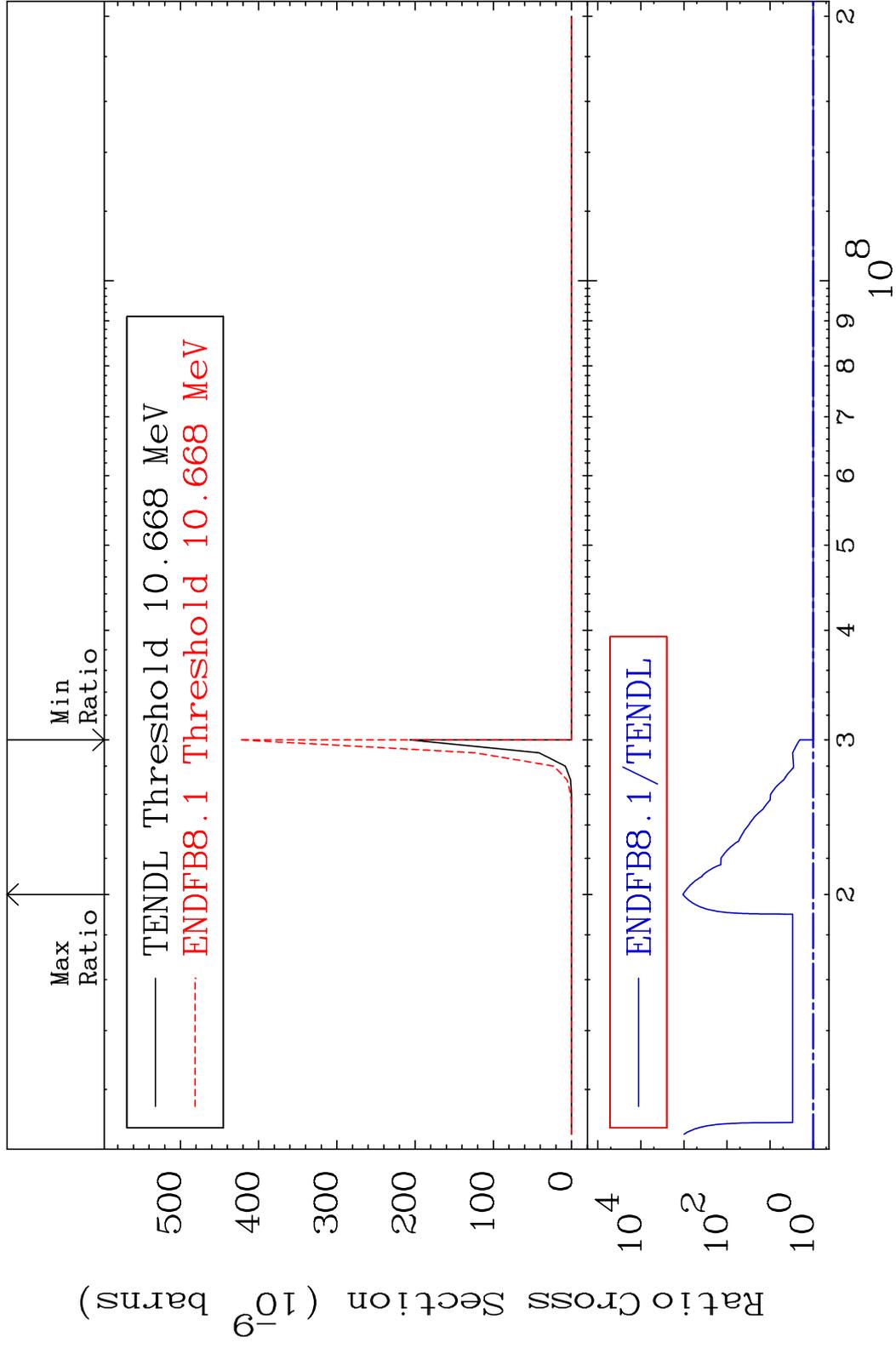


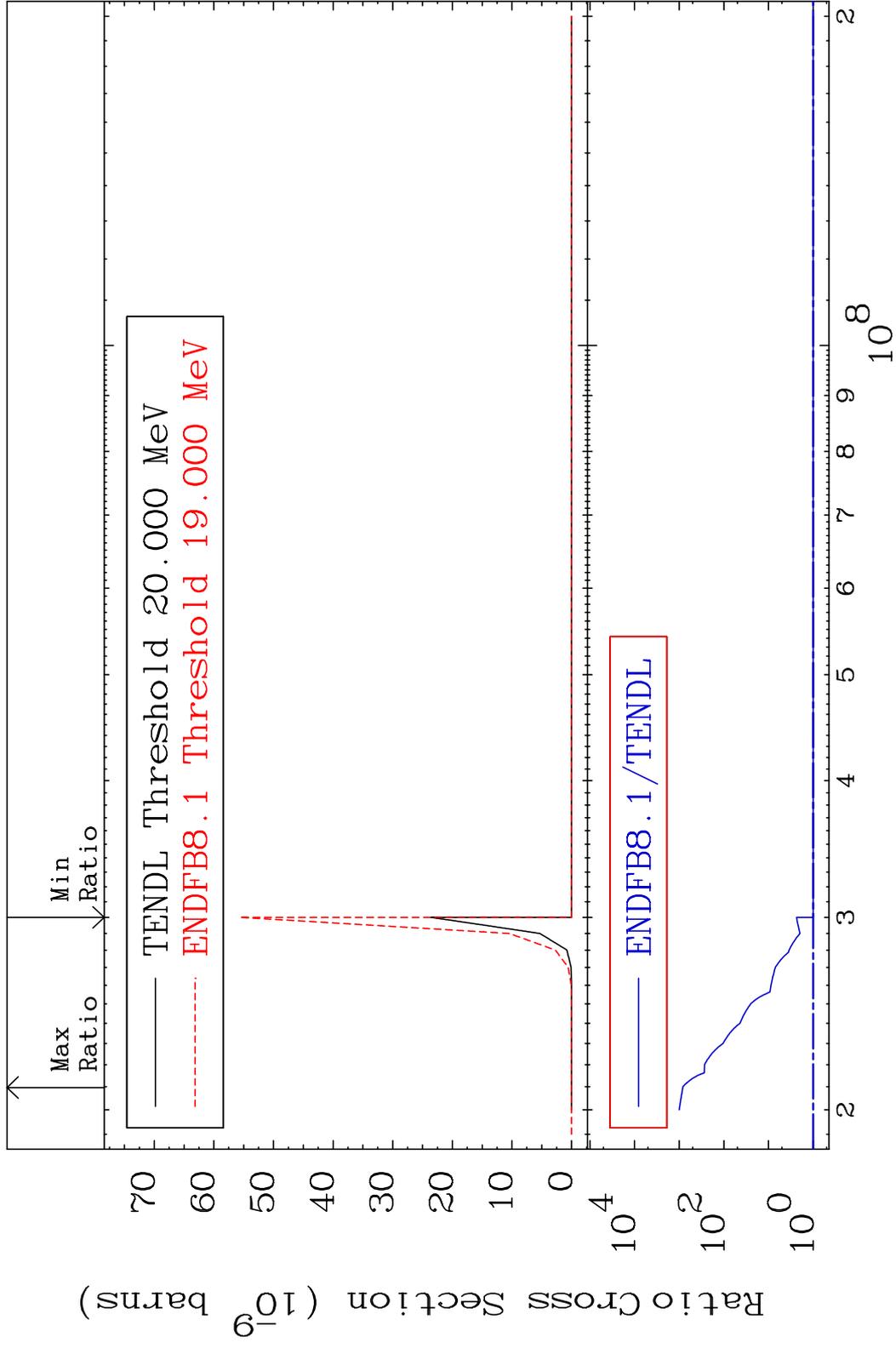


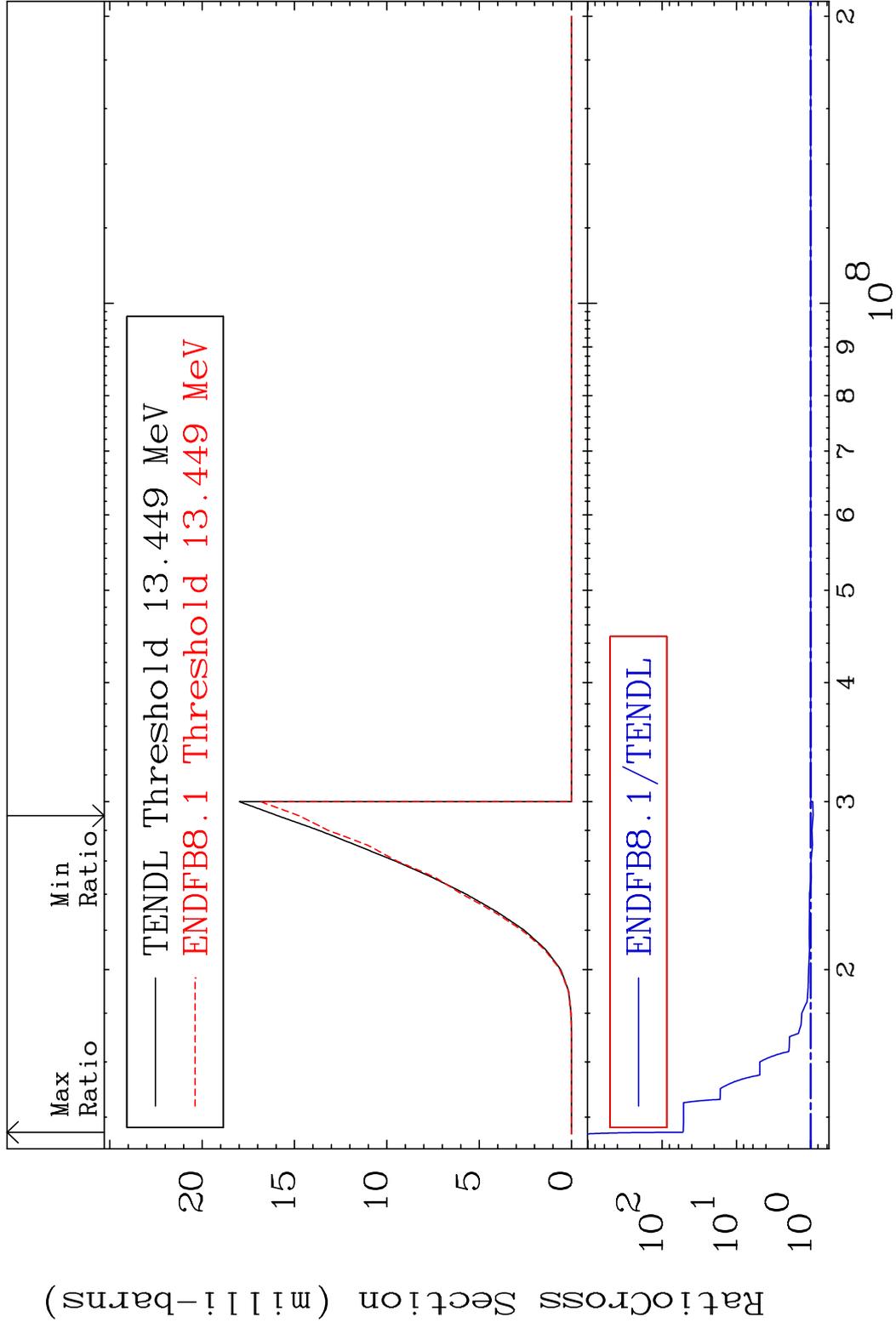


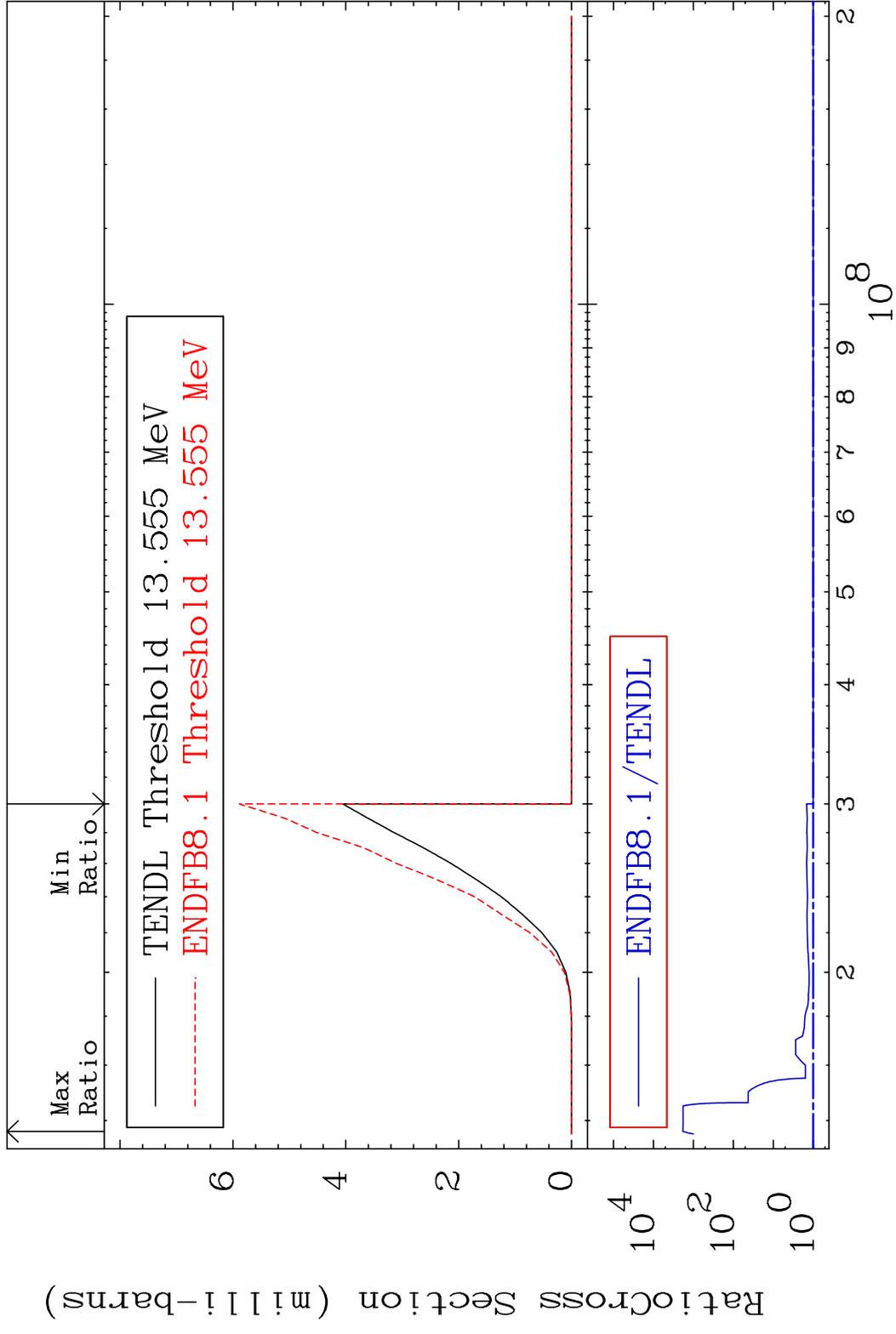




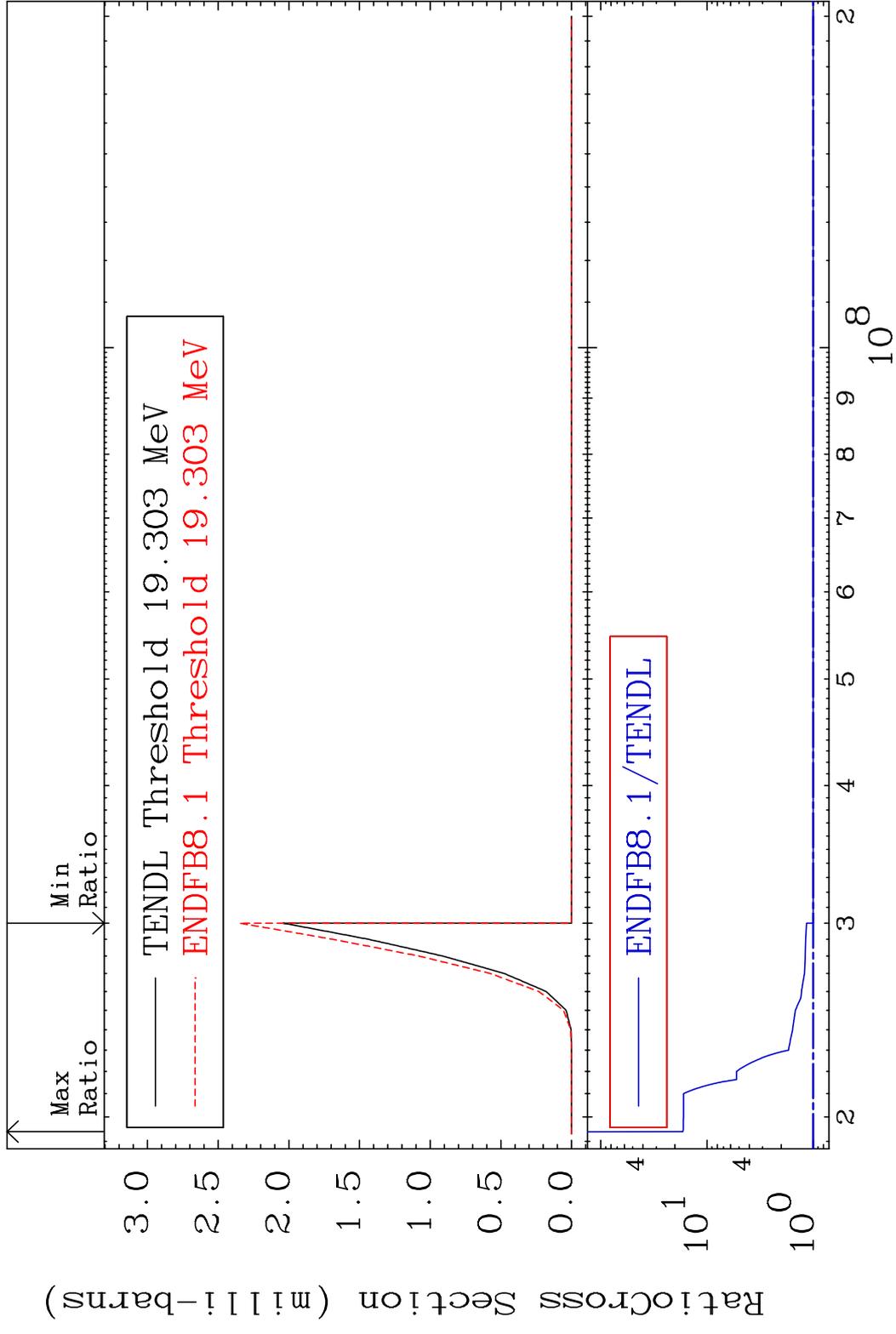


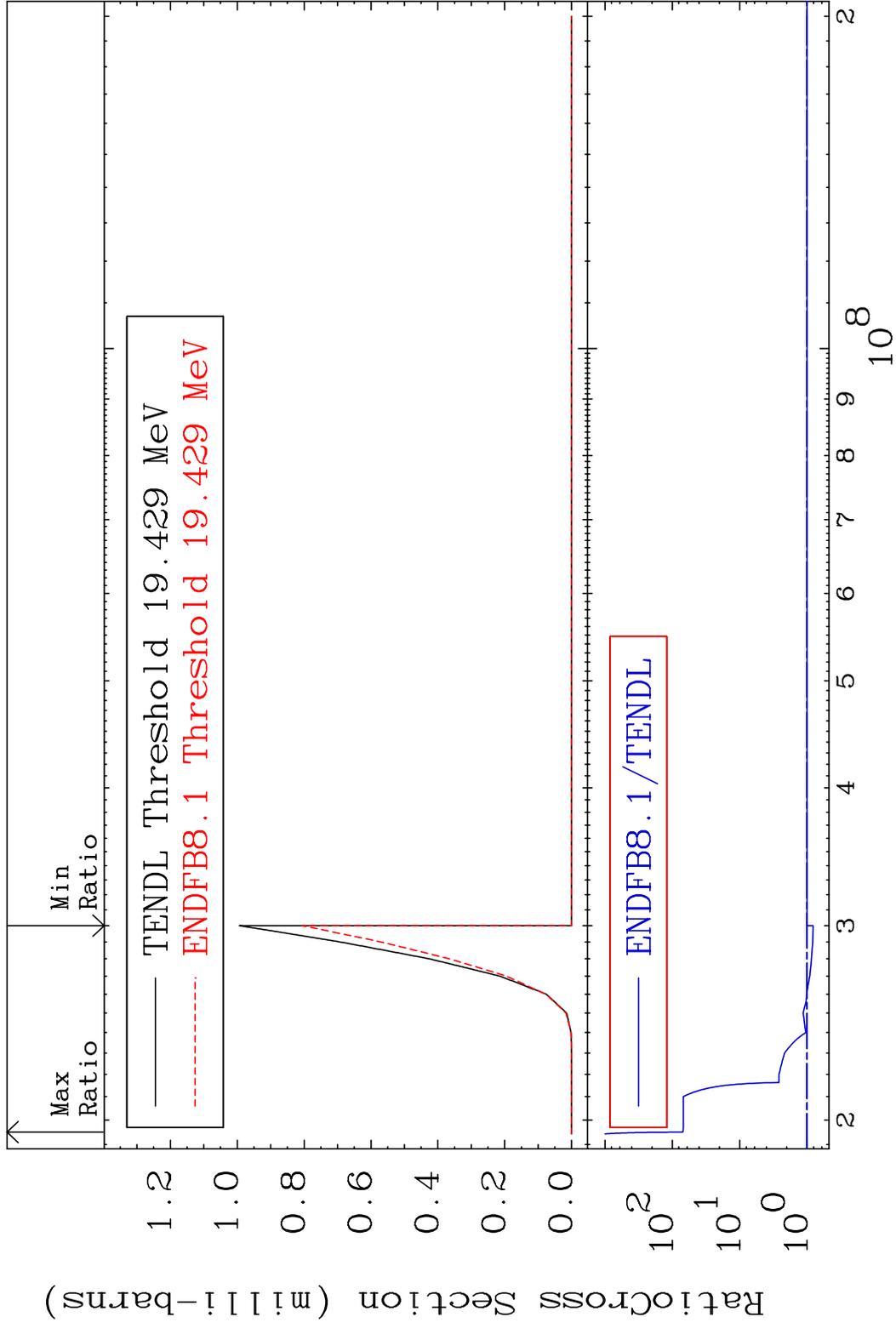


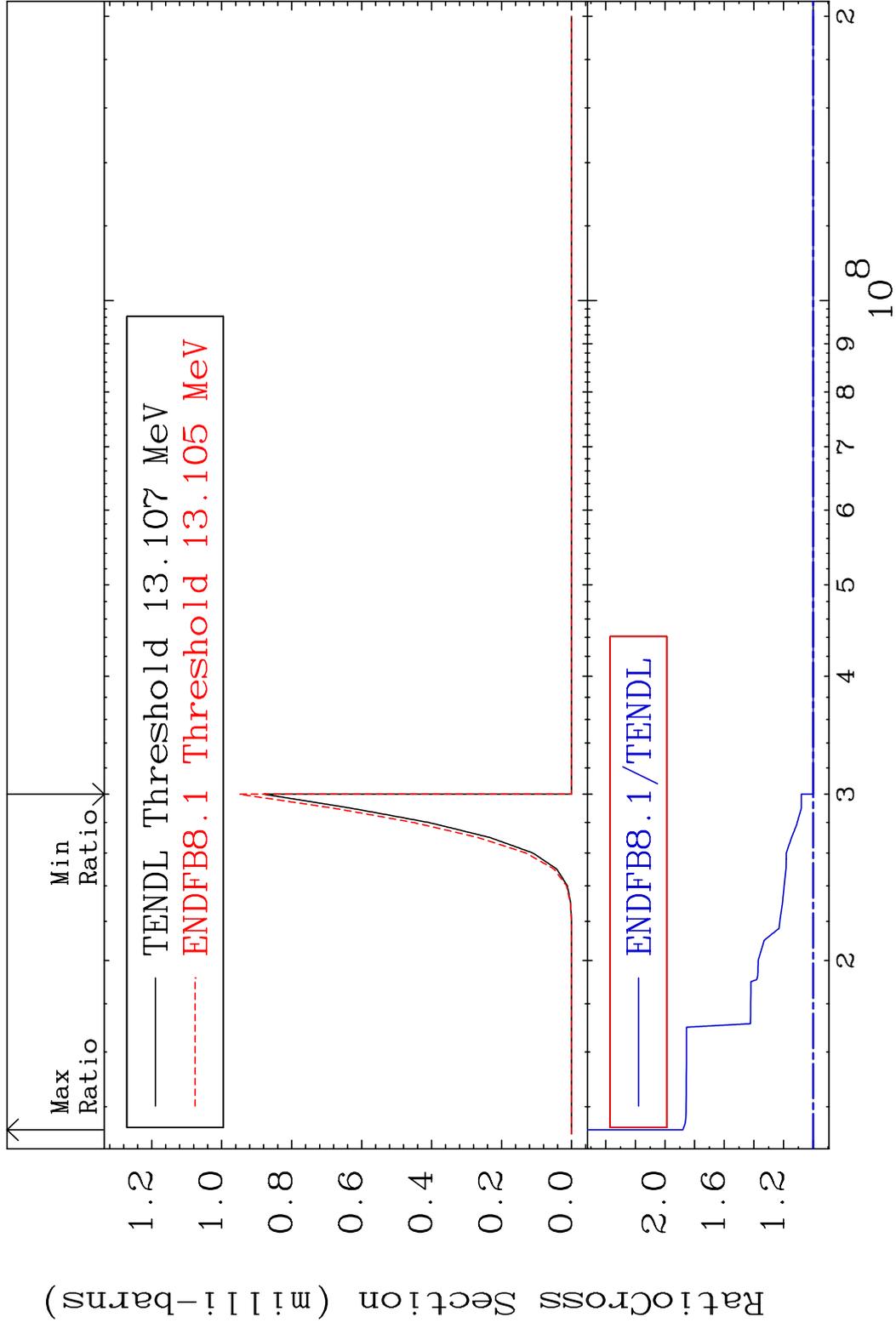


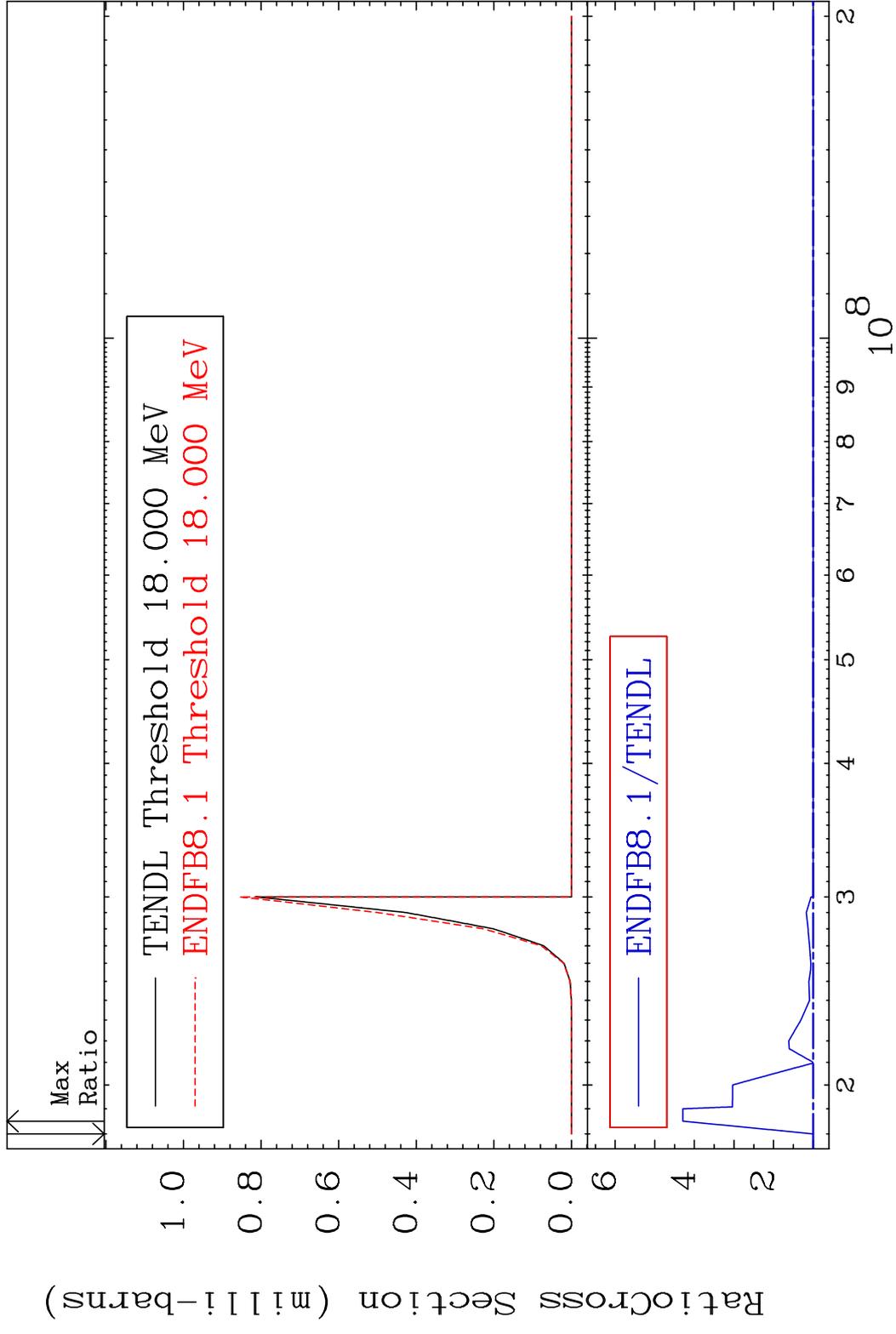


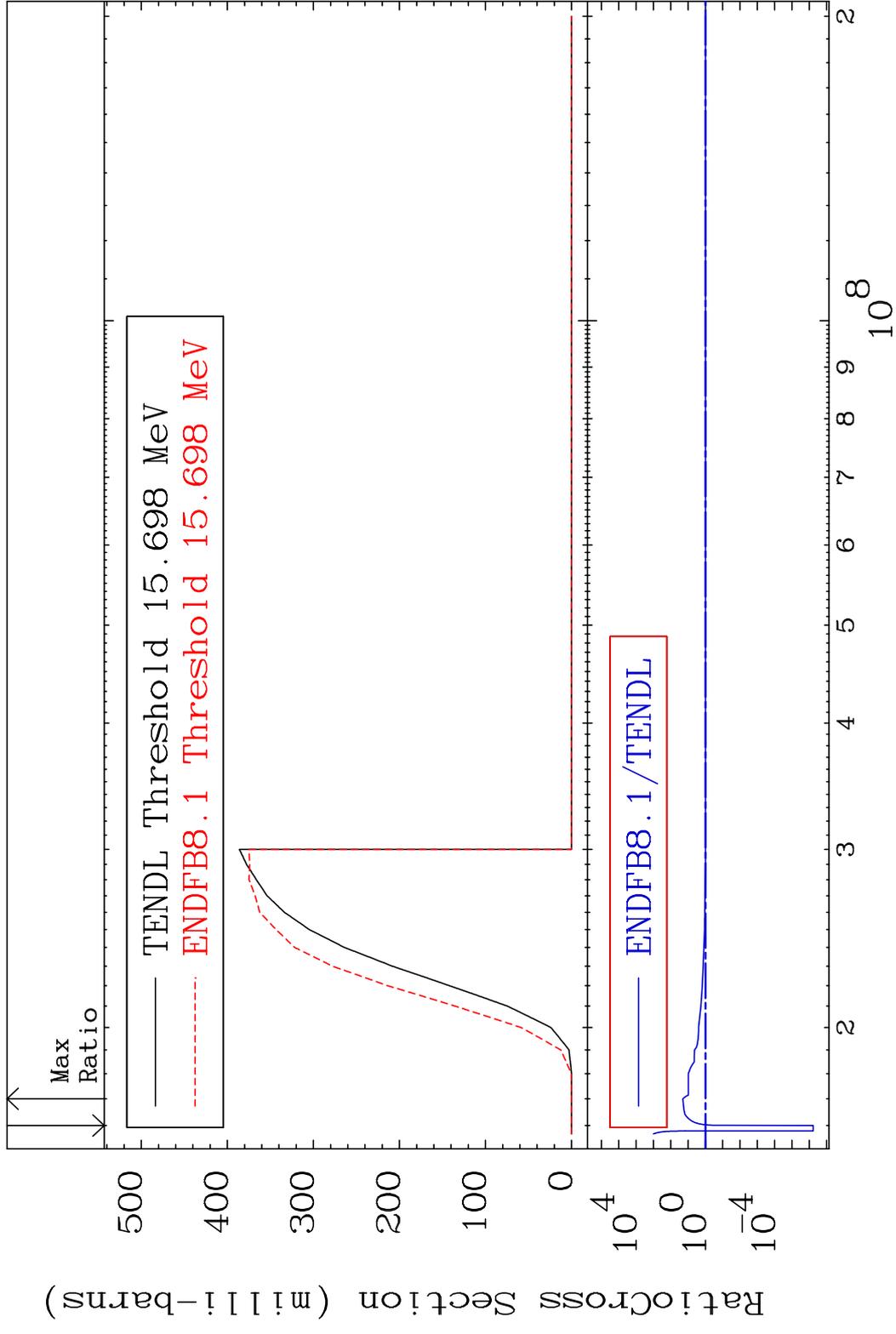
MAT 4228 (n, n') t:41-Nb-90g 42-Mo-93
 Radionuclide Production Cross Section 1587. %



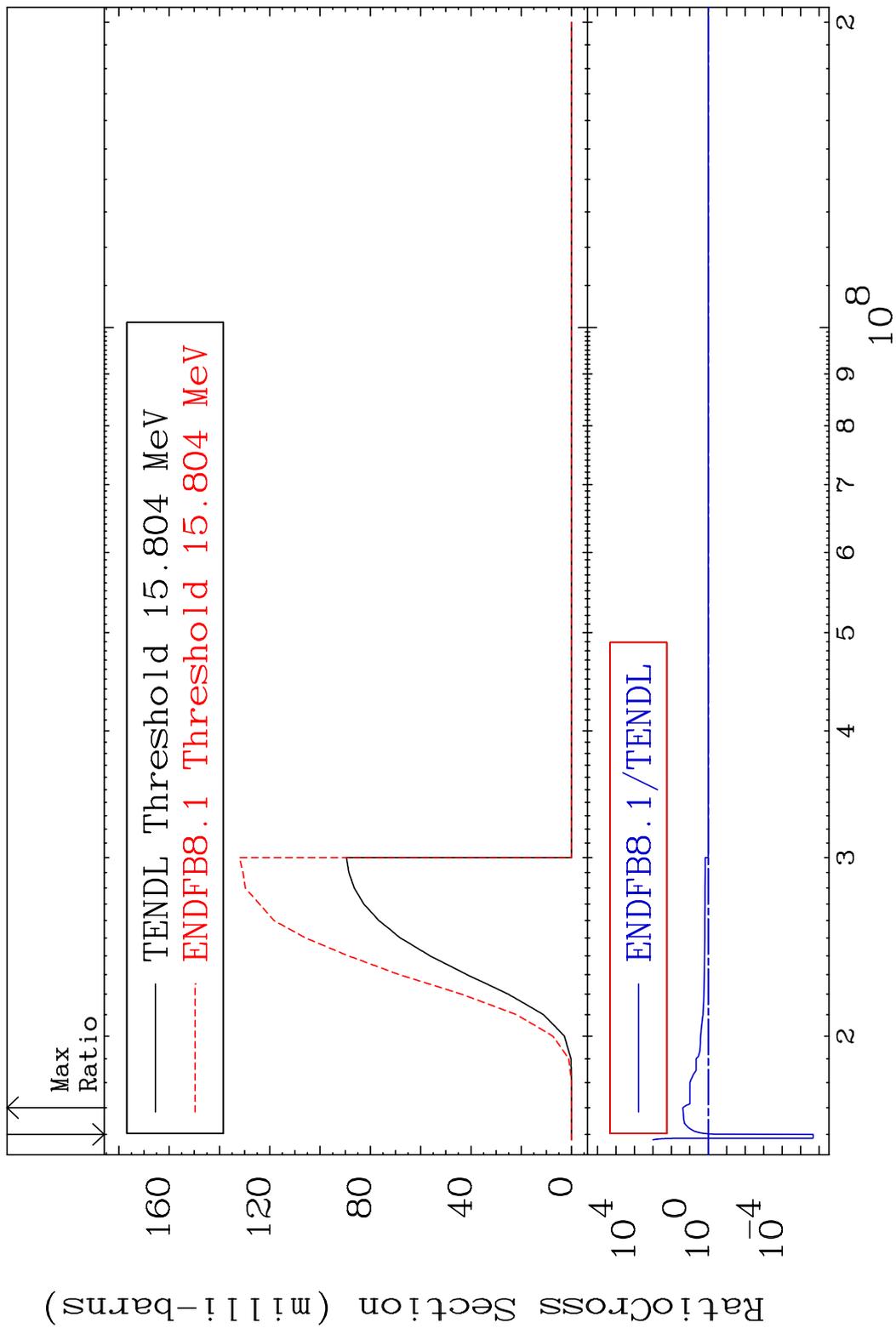


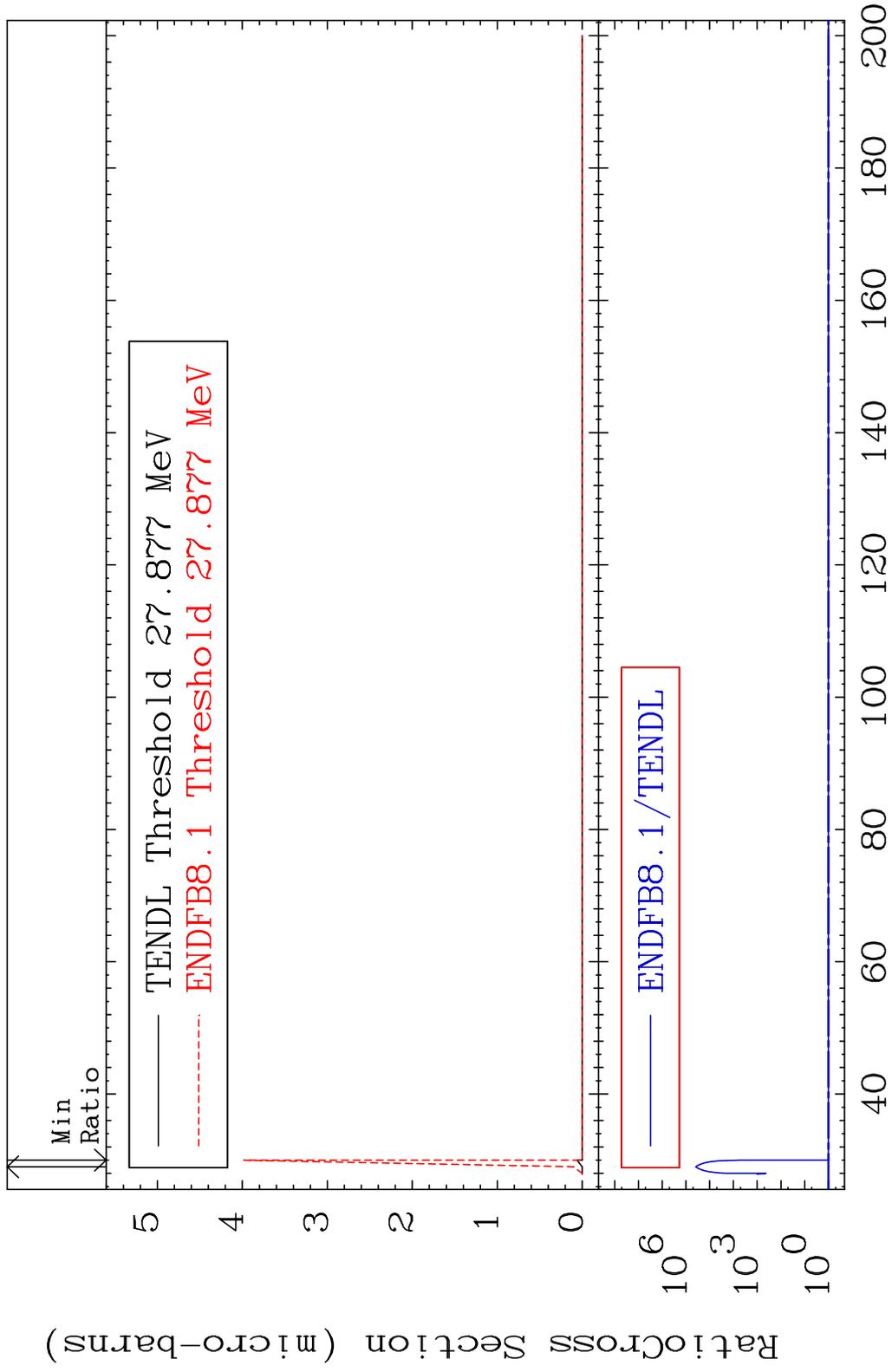


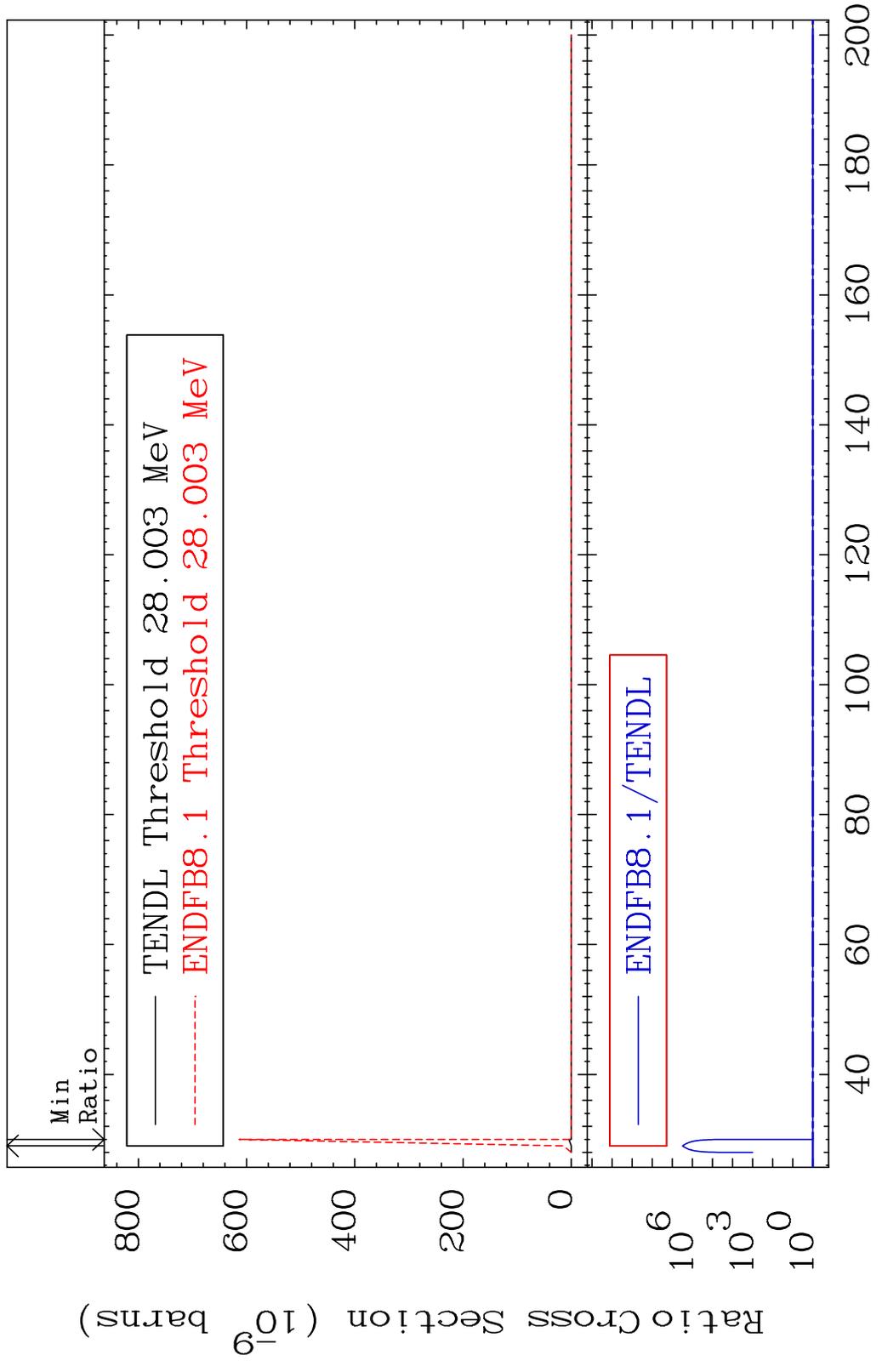


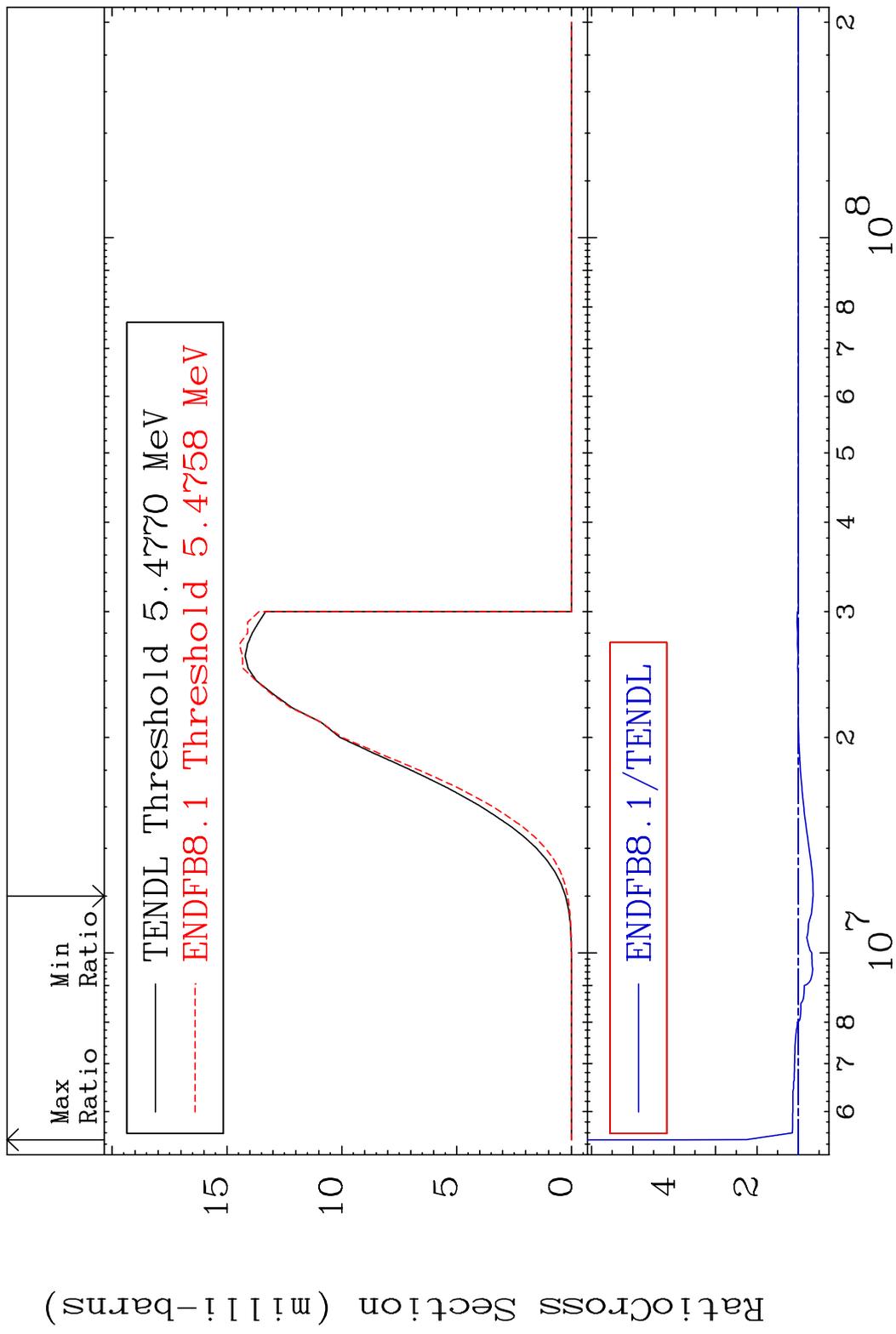


MAT 4228 (n,2n) p:41-Nb-91m1 42-Mo-93
 Radionuclide Production Cross Section Ratio 2290. %

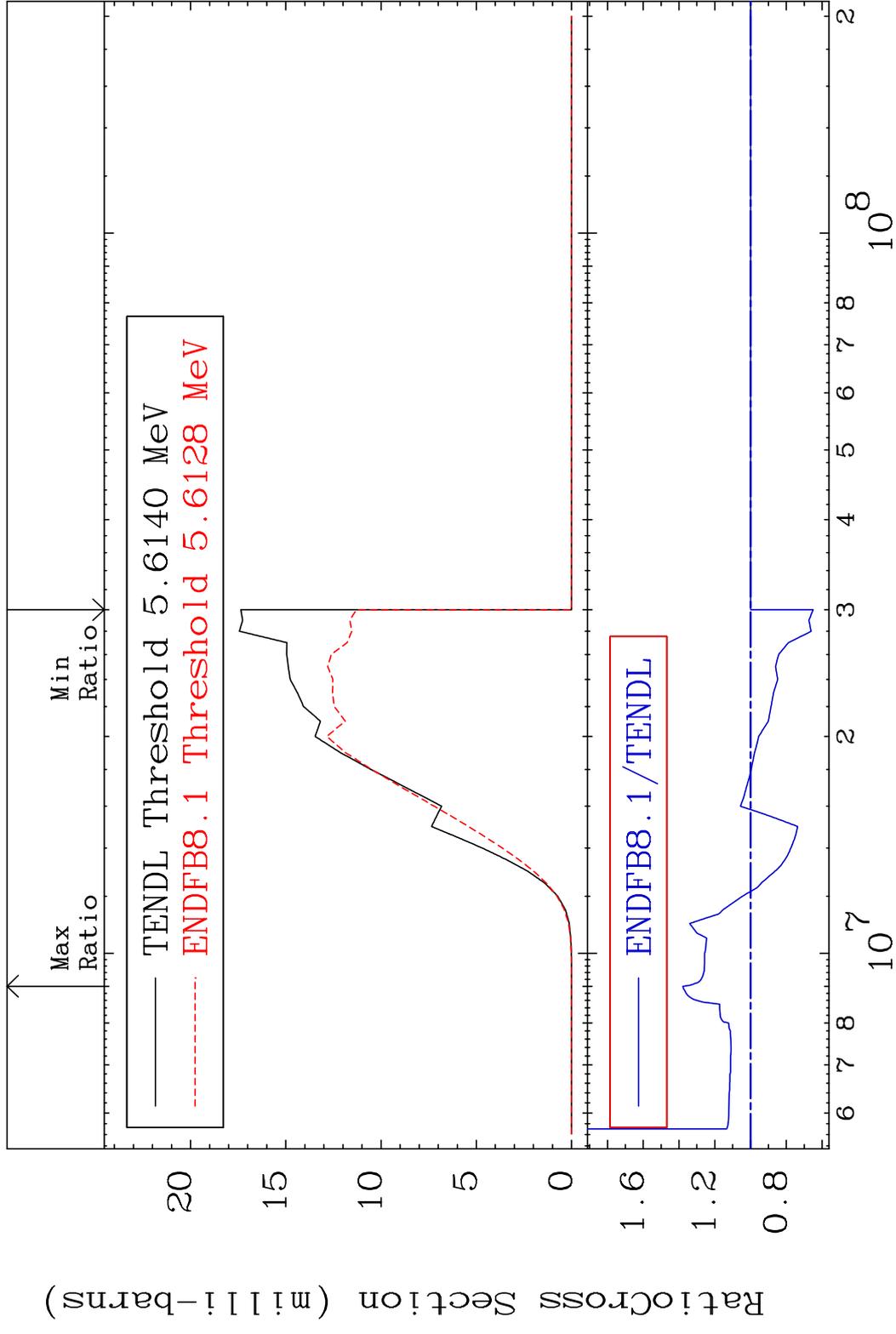




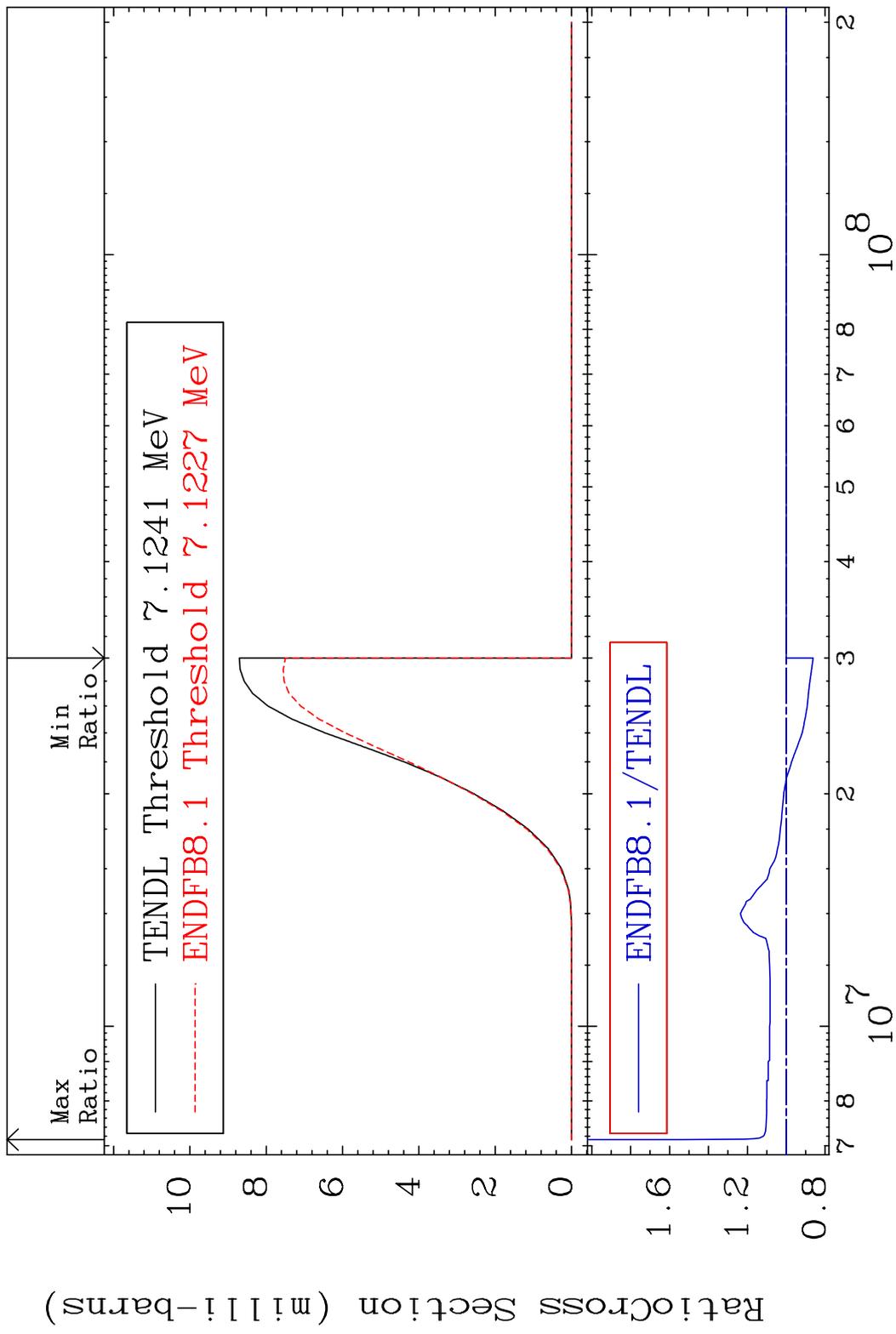




MAT 4228 (n, d) : 41-Nb-92m1 42-Mo-93
 Radionuclide Production Cross Section 37.86 %



MAT 4228 (n, t): 41-Nb-91g 42-Mo-93
 Radionuclide Production Cross Section 53.17 %



100 Incident Energy (eV) 42-Mo-93

