

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

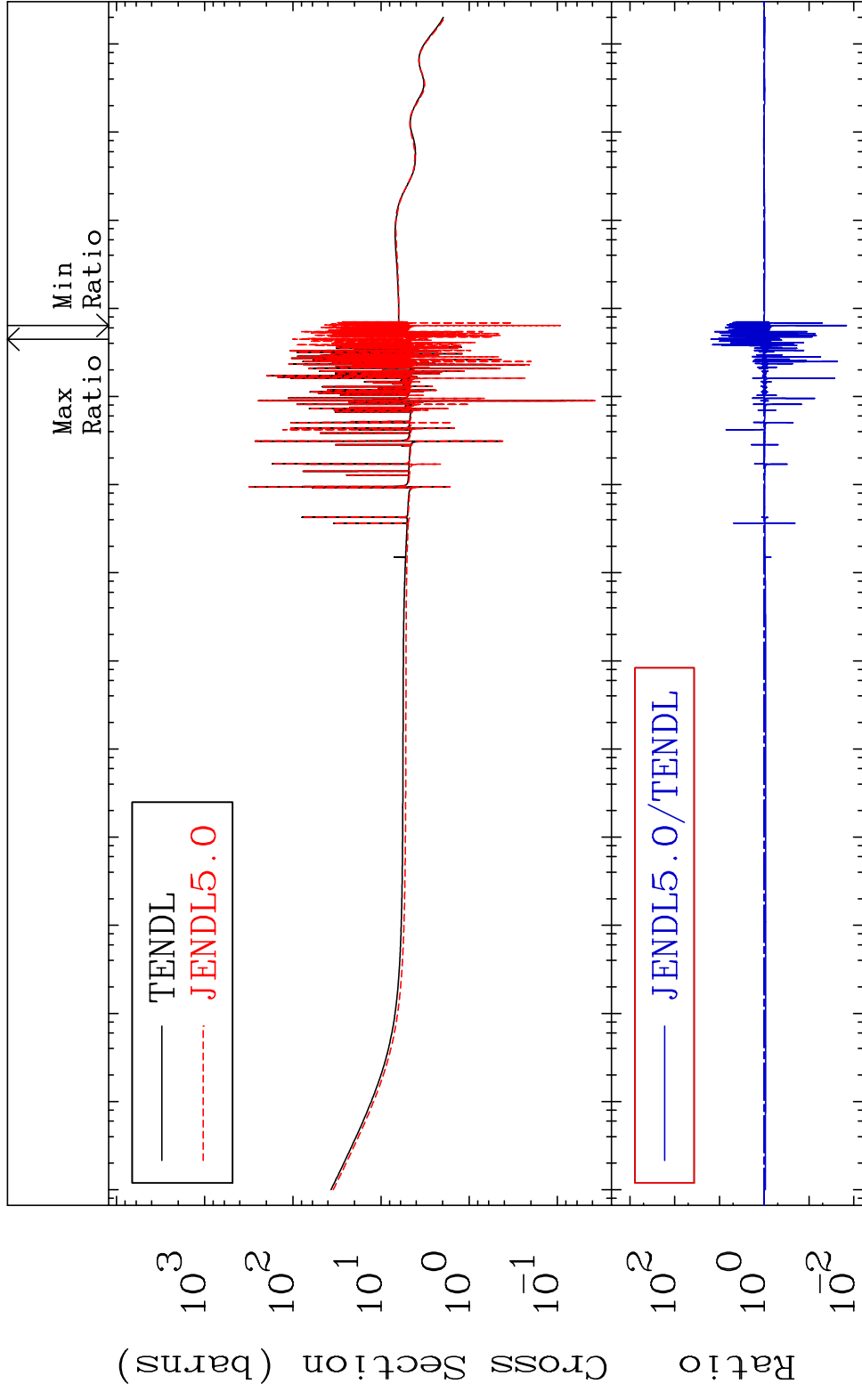
MAT 5049

Total

50-Sn-120

Cross Section

-98.53 To 1473. %



1

Incident Energy (eV)

50-Sn-120

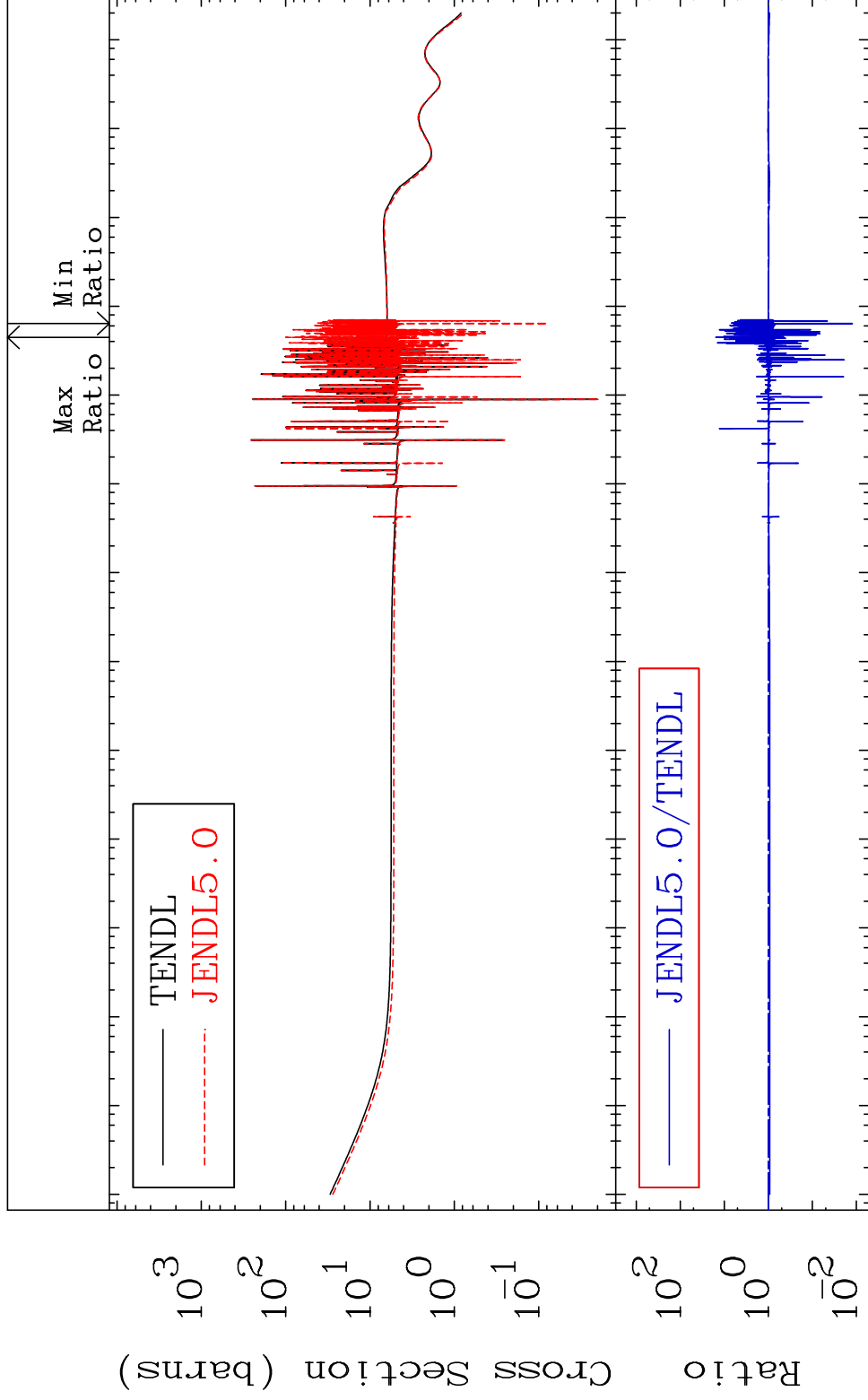
MAT 5049

Elastic

50-Sn-120

Cross Section

-98.75 To 1473. %

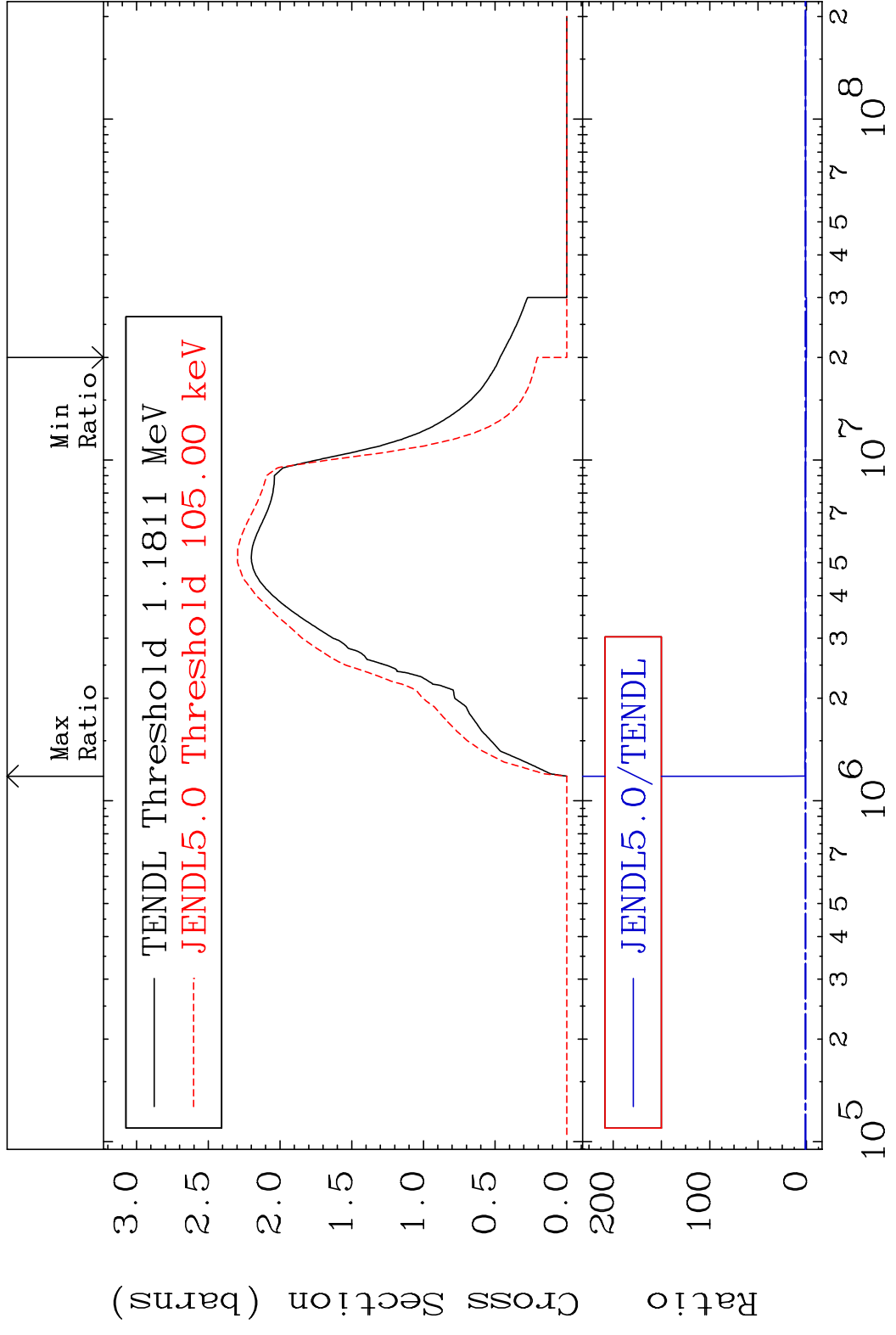


2

Incident Energy (eV)

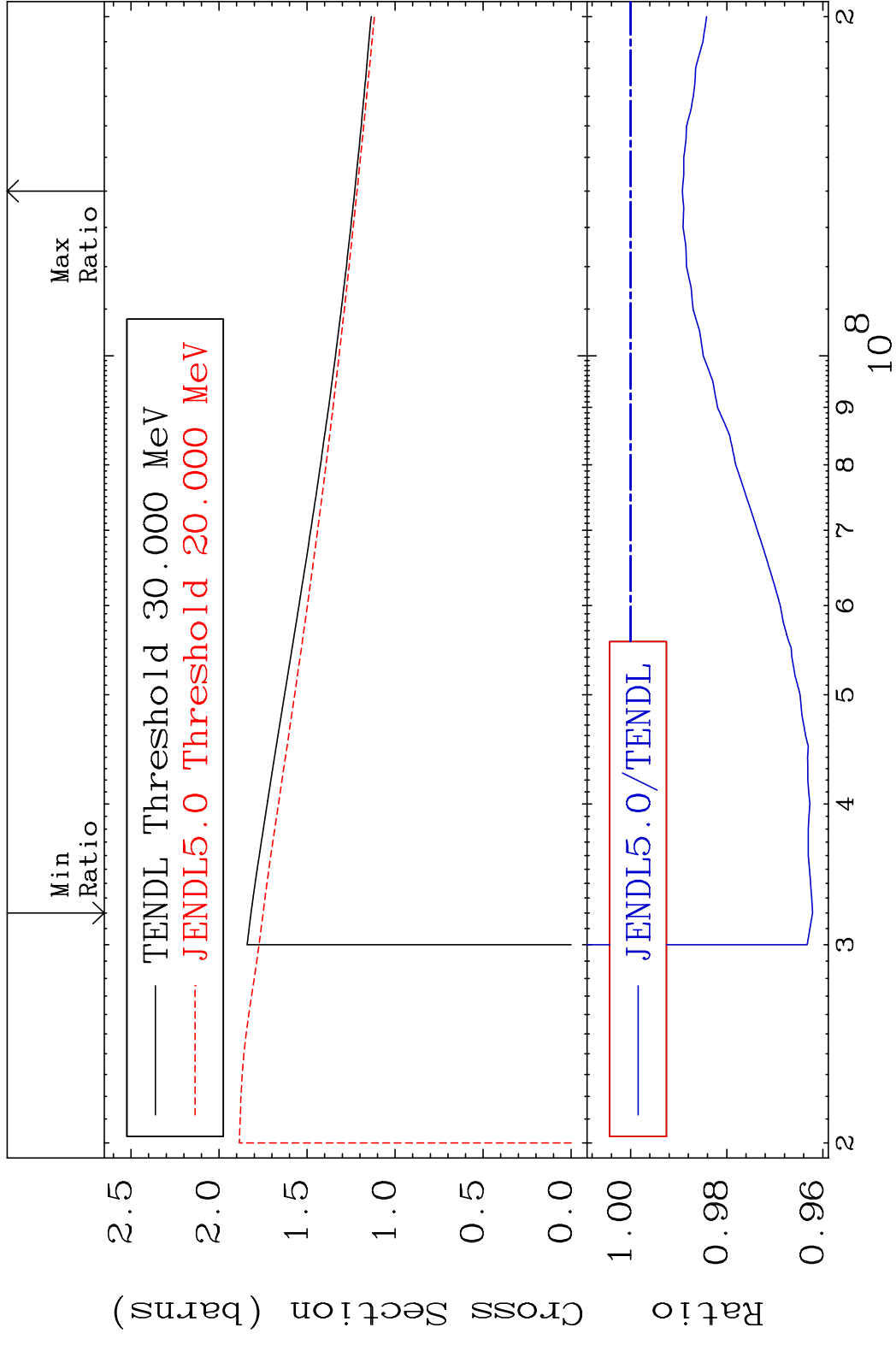
50-Sn-120

MAT 5049 Inelastic Cross Section -100.0 To 9999. % 50-Sn-120



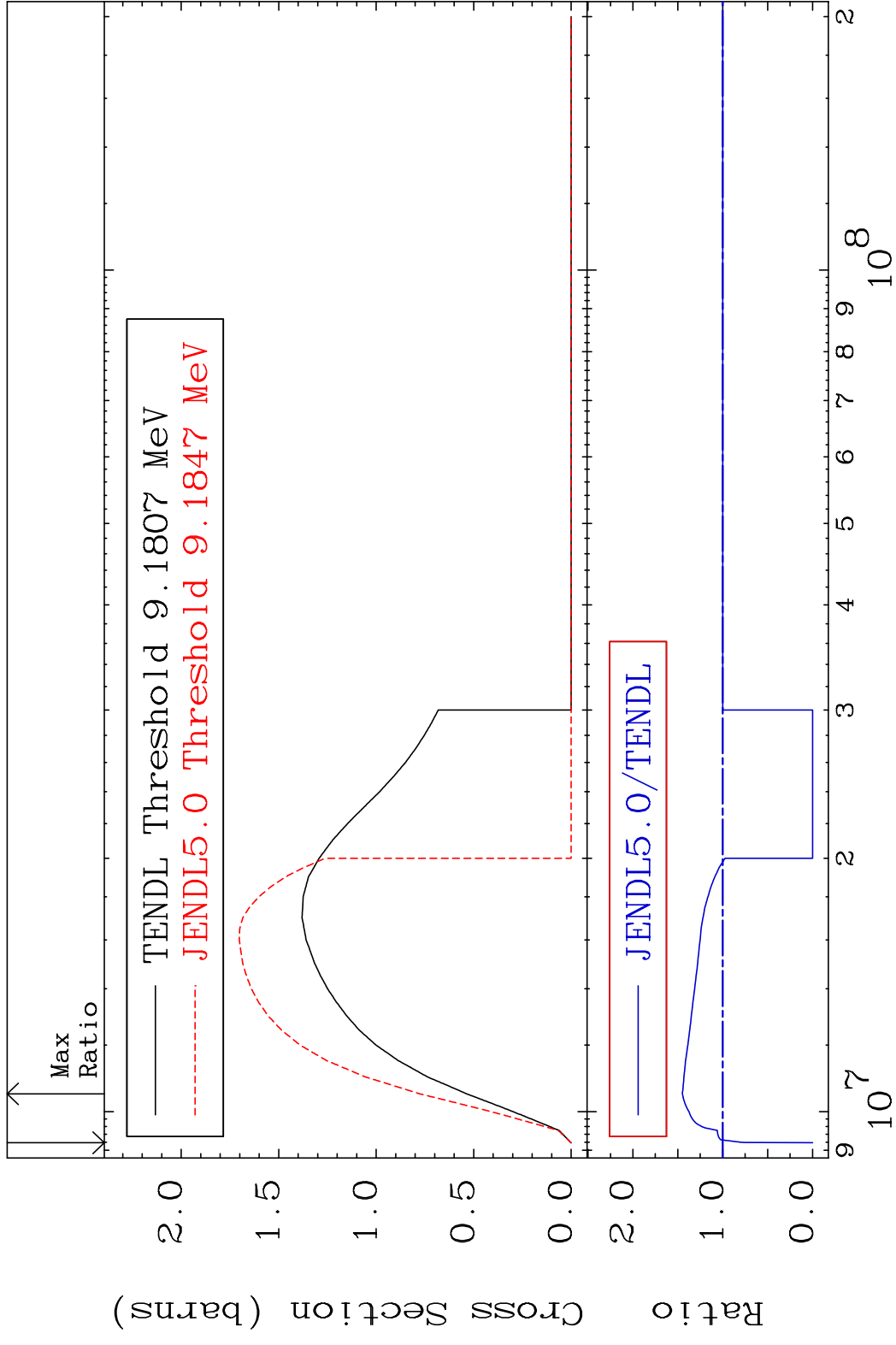
3 Incident Energy (eV) 50-Sn-120

MAT 5049 (n, remainder) 50-Sn-120
 Cross Section -3.784 To -1.076%



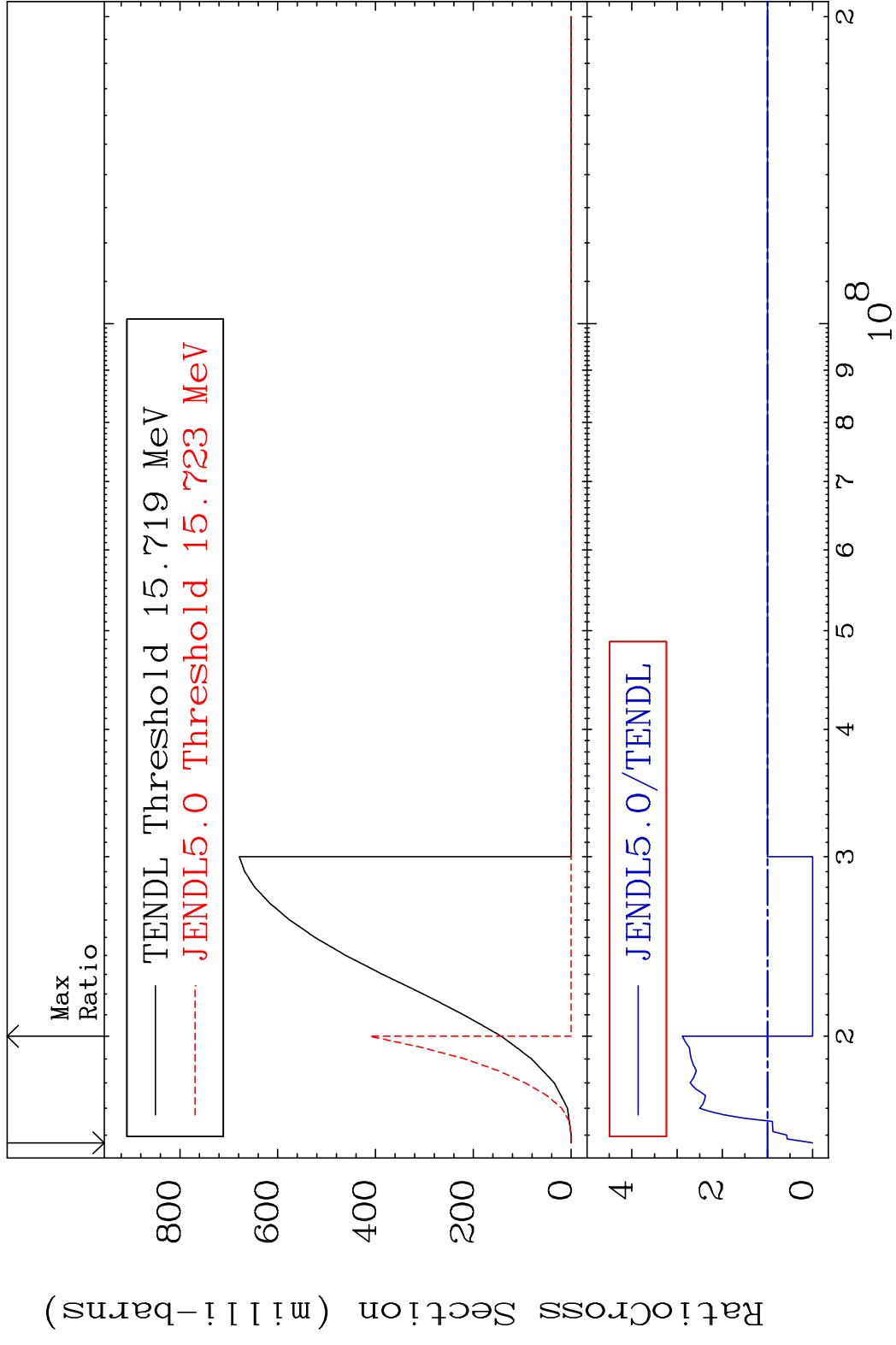
4 Incident Energy (eV) 50-Sn-120

MAT 5049 (n,2n) 50-Sn-120
 Cross Section -100.0 To 44.95 %

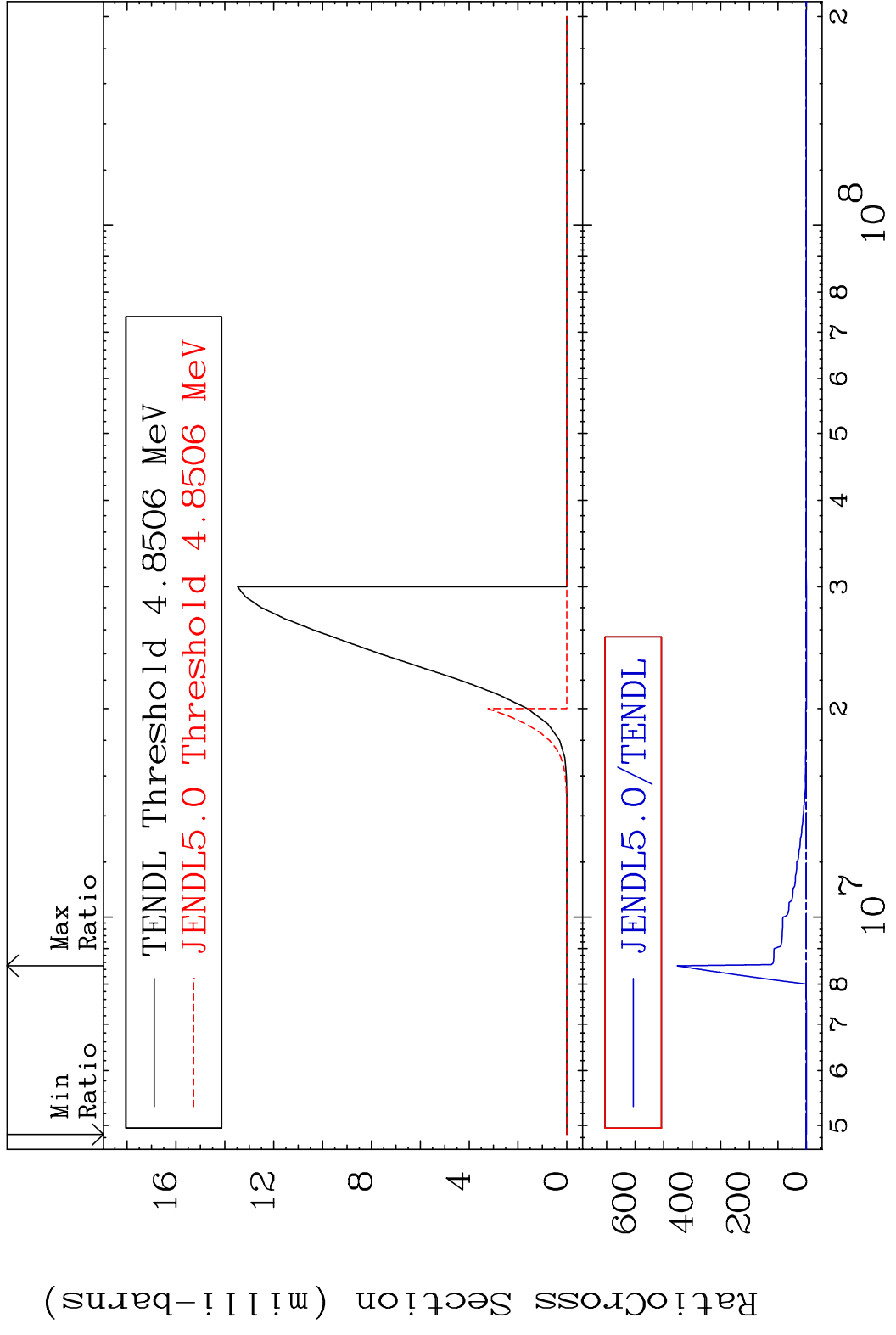


50-Sn-120

MAT 5049 (n,3n) 50-Sn-120
 Cross Section -100.0 To 188.2 %

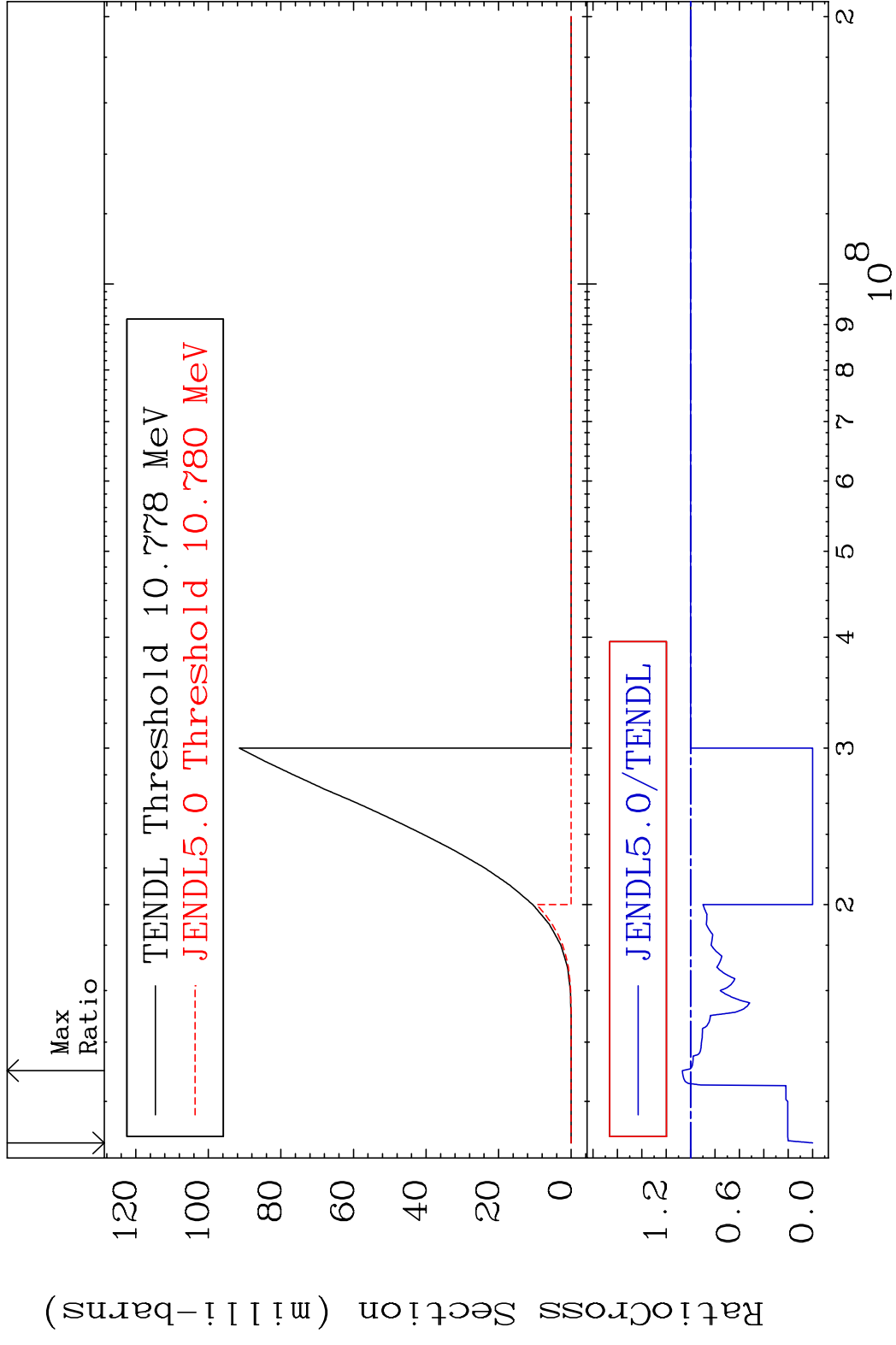


MAT 5049 (n, n') α 50-Sn-120
 Cross Section -100.0 To 9999. %

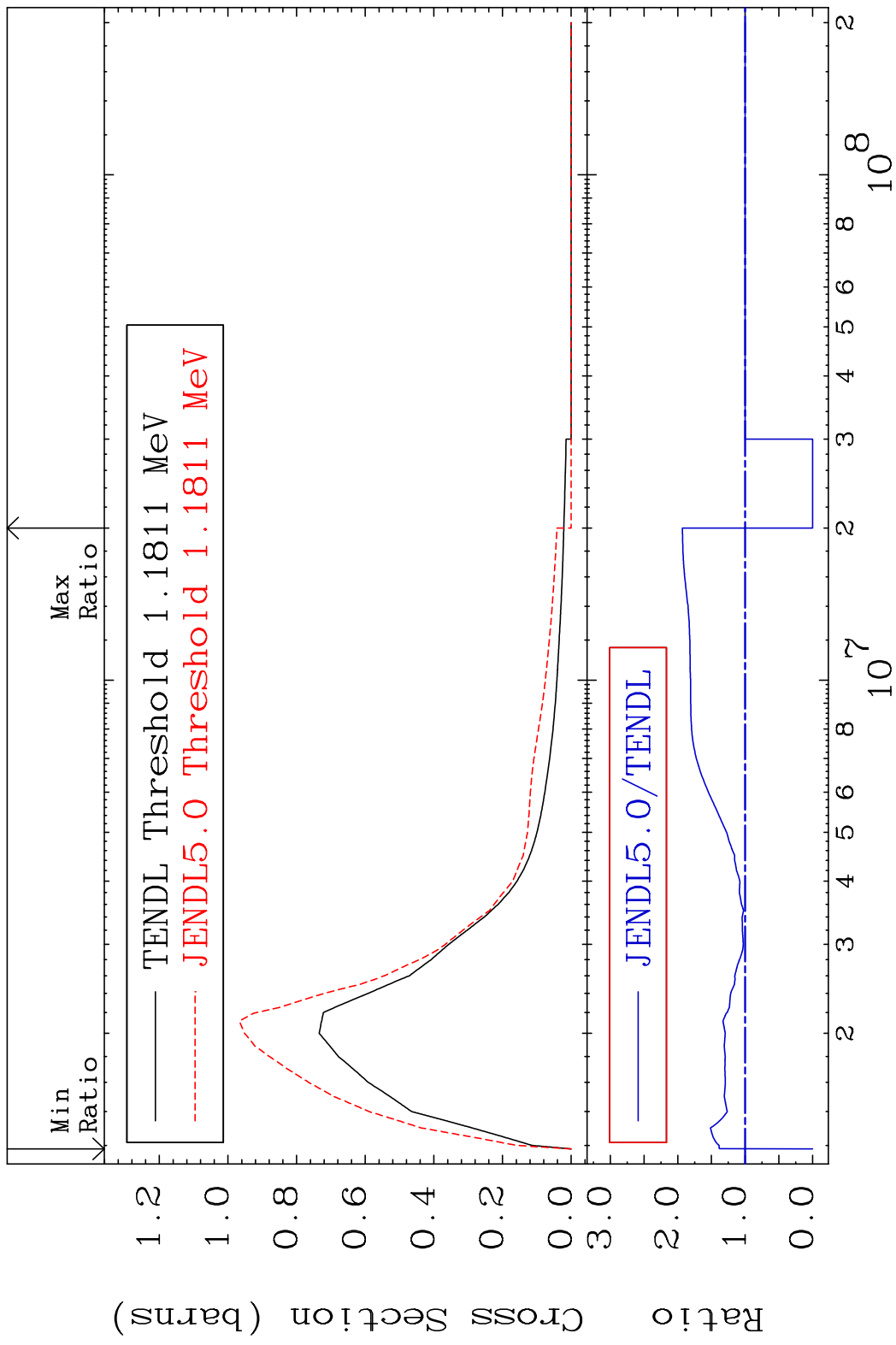


7 Incident Energy (eV) 50-Sn-120

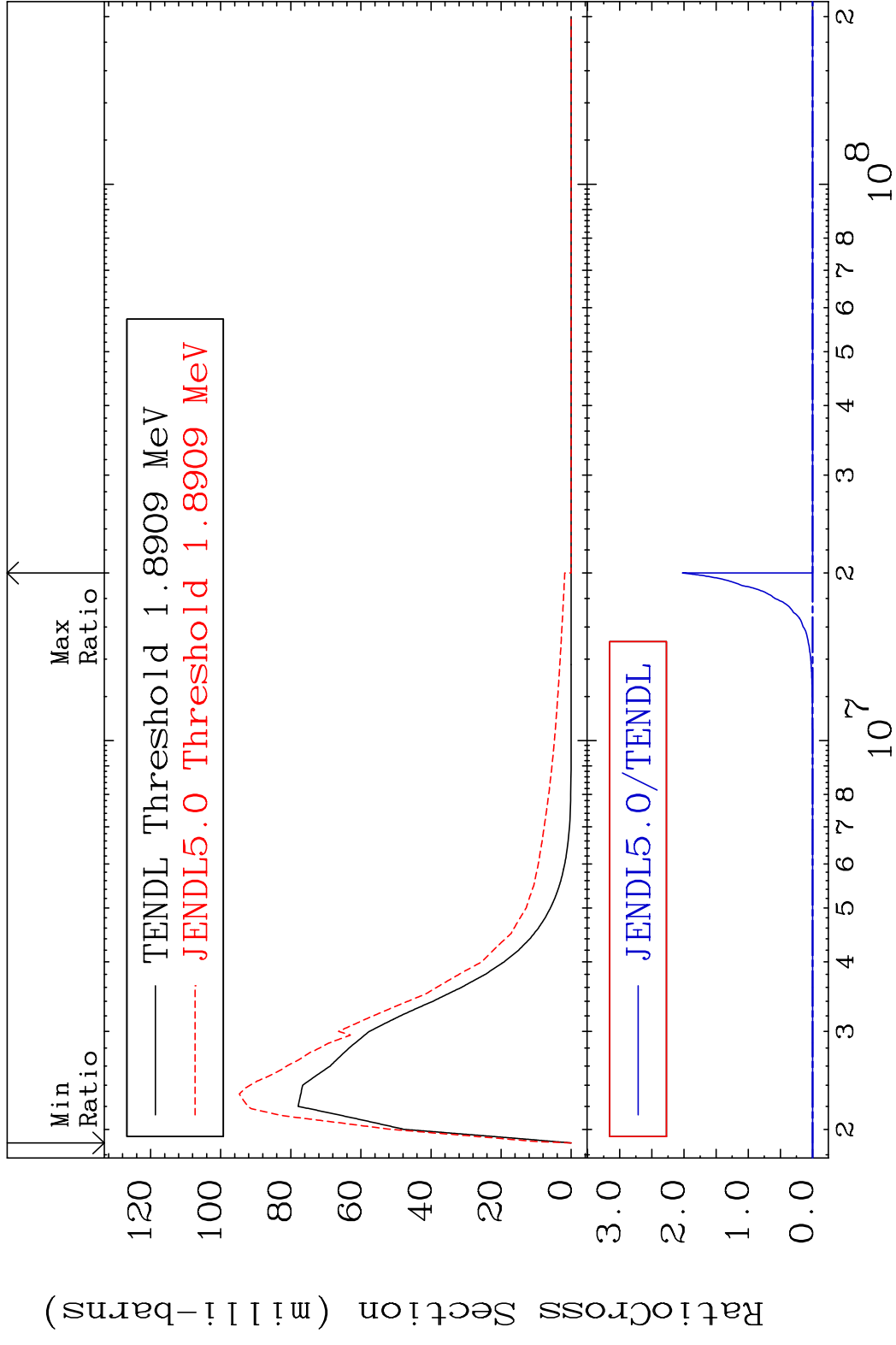
MAT 5049 (n, n') p 50-Sn-120
 Cross Section -100.0 To 6.787 %



MAT 5049 MT= 51 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 93.19 %

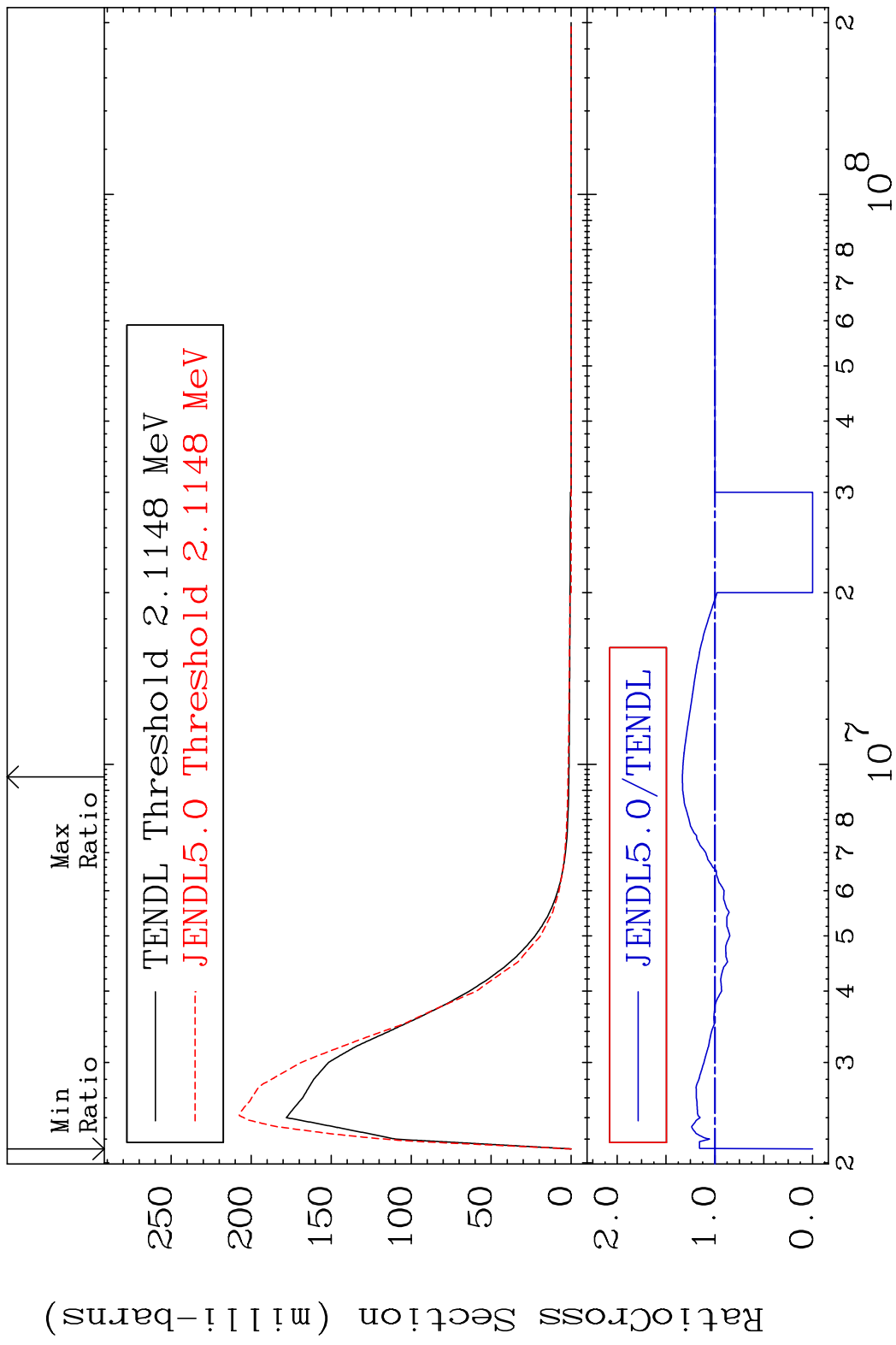


MAT 5049 MT= 52 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %

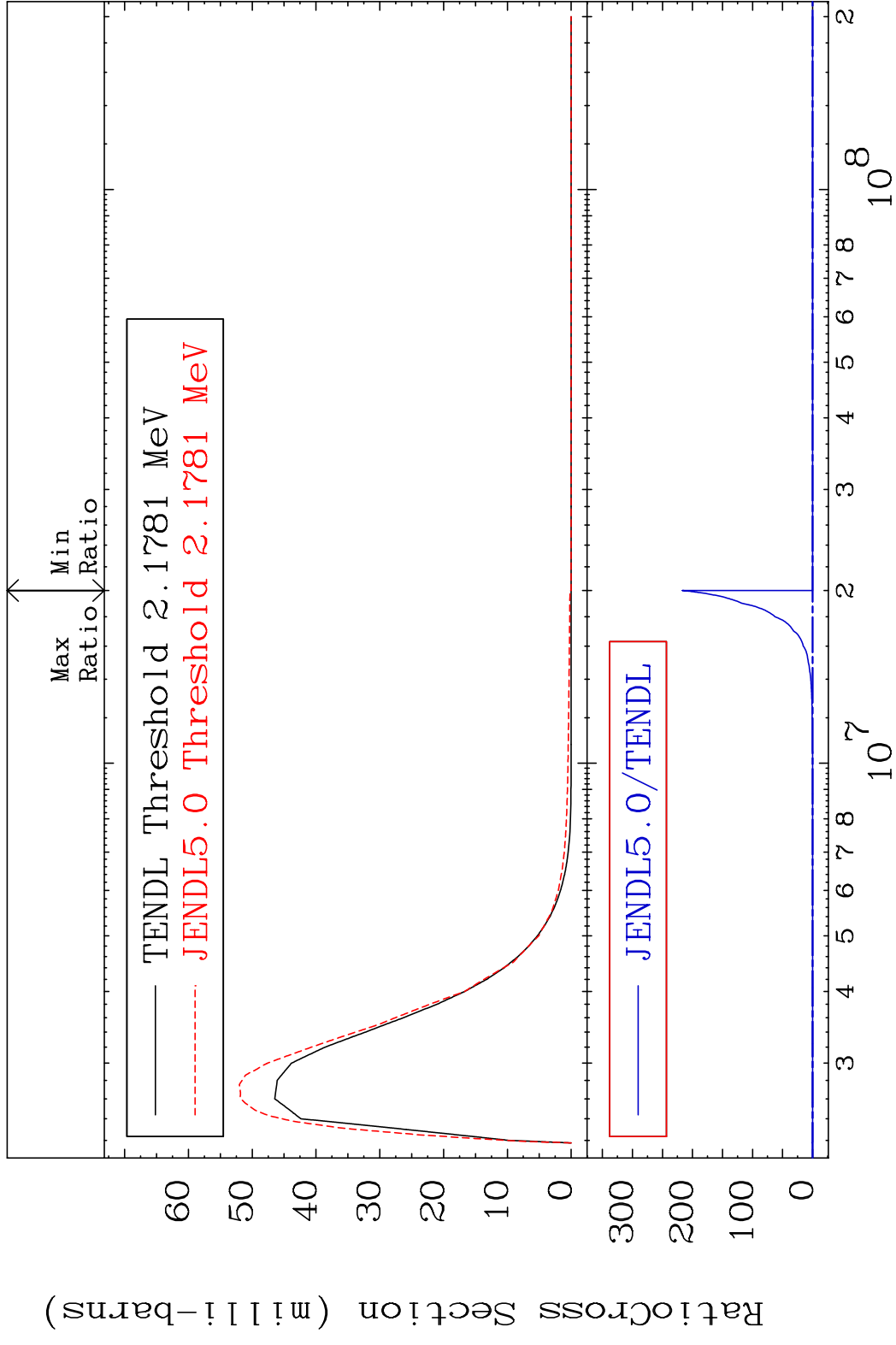


10 Incident Energy (eV) 50-Sn-120

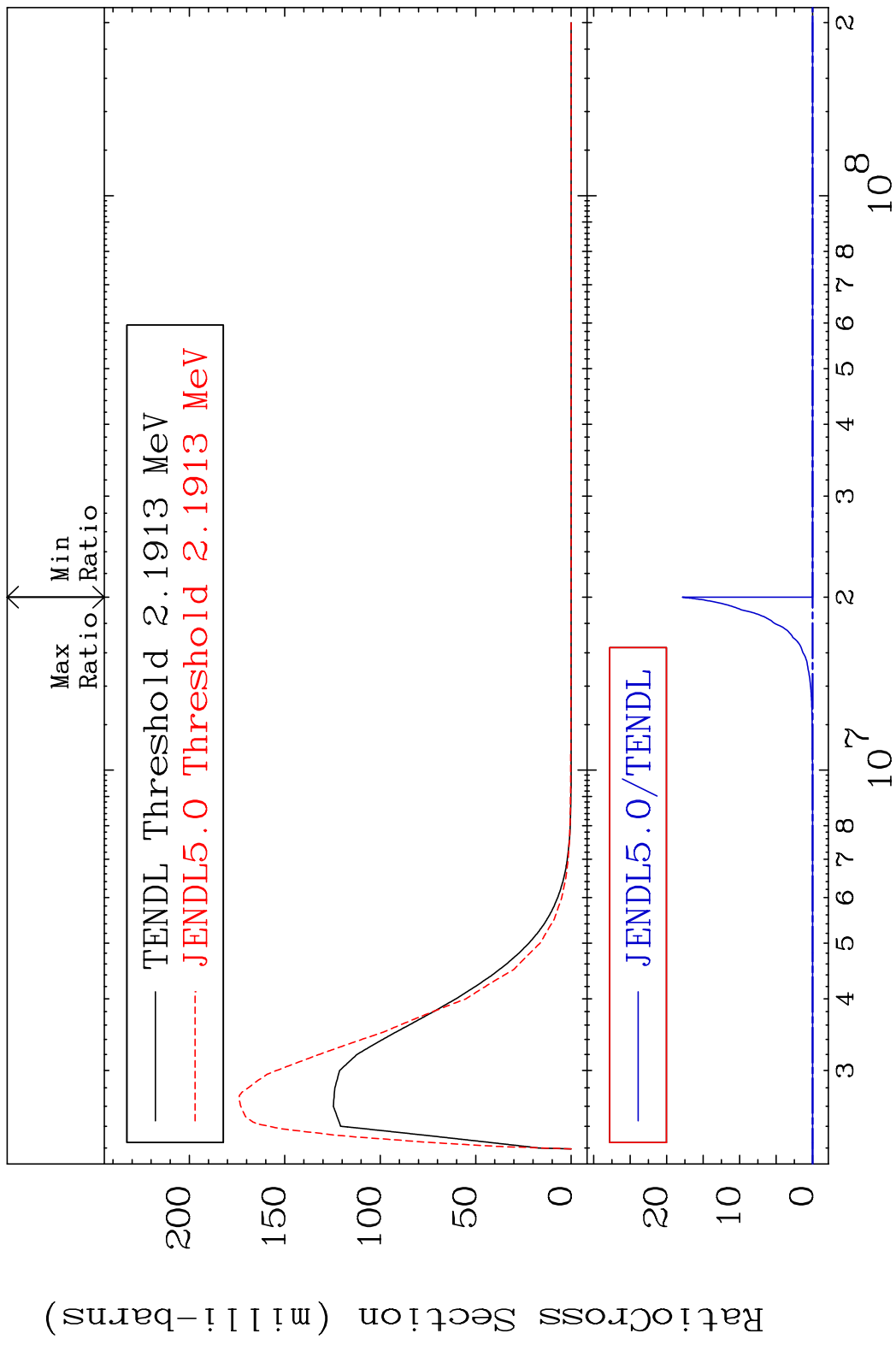
MAT 5049 MT= 53 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 33.33 %



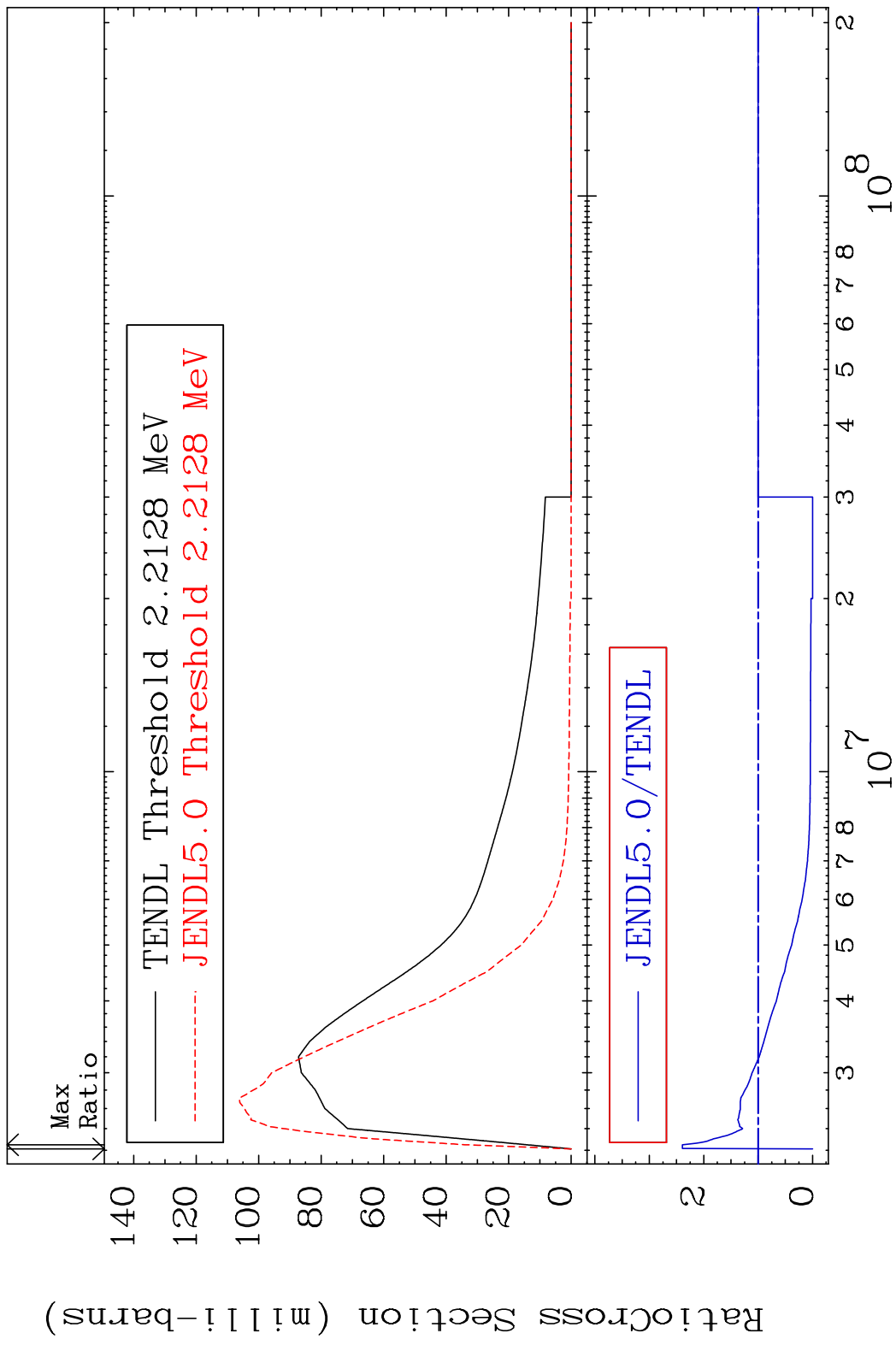
MAT 5049 MT= 54 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



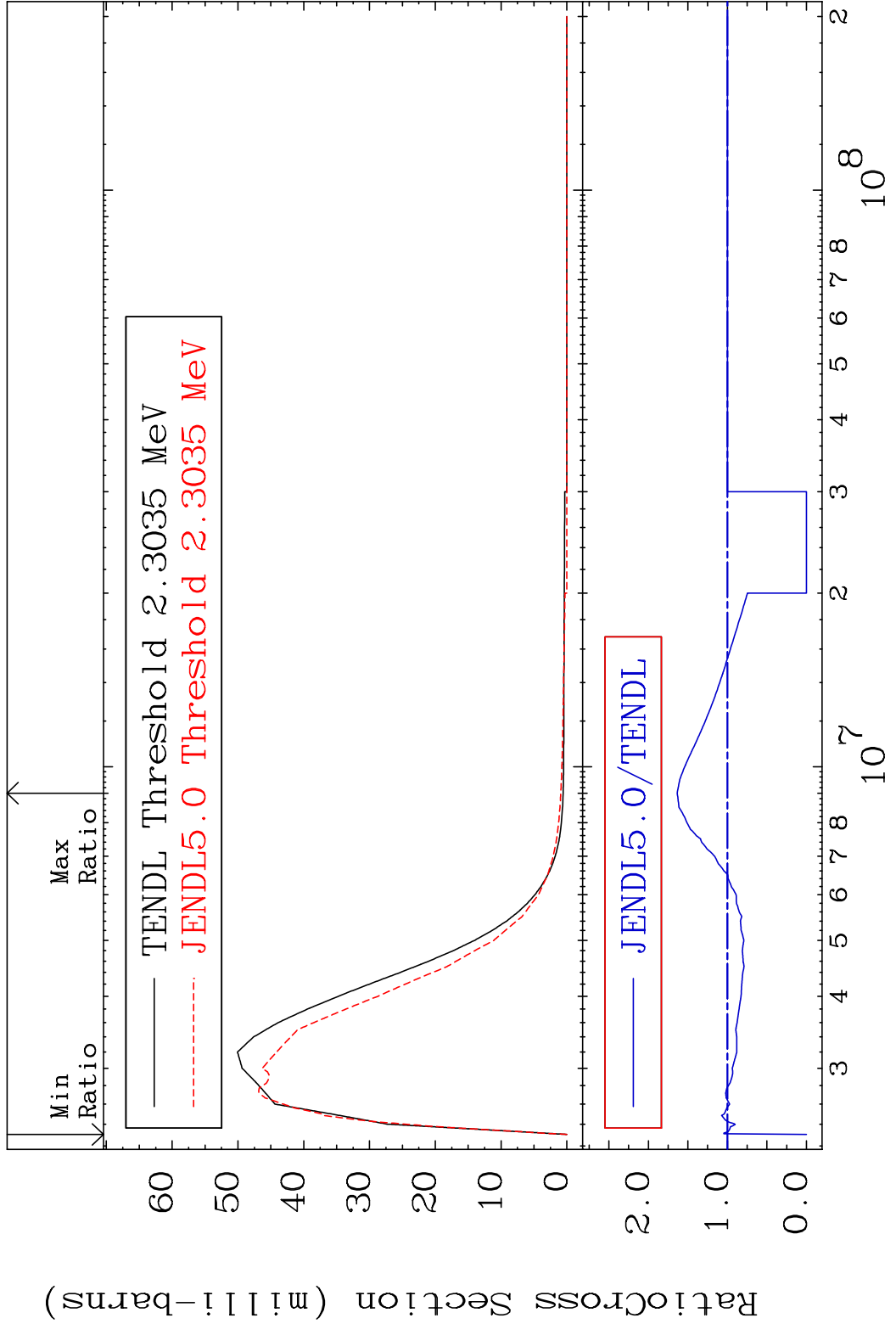
MAT 5049 MT= 55 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



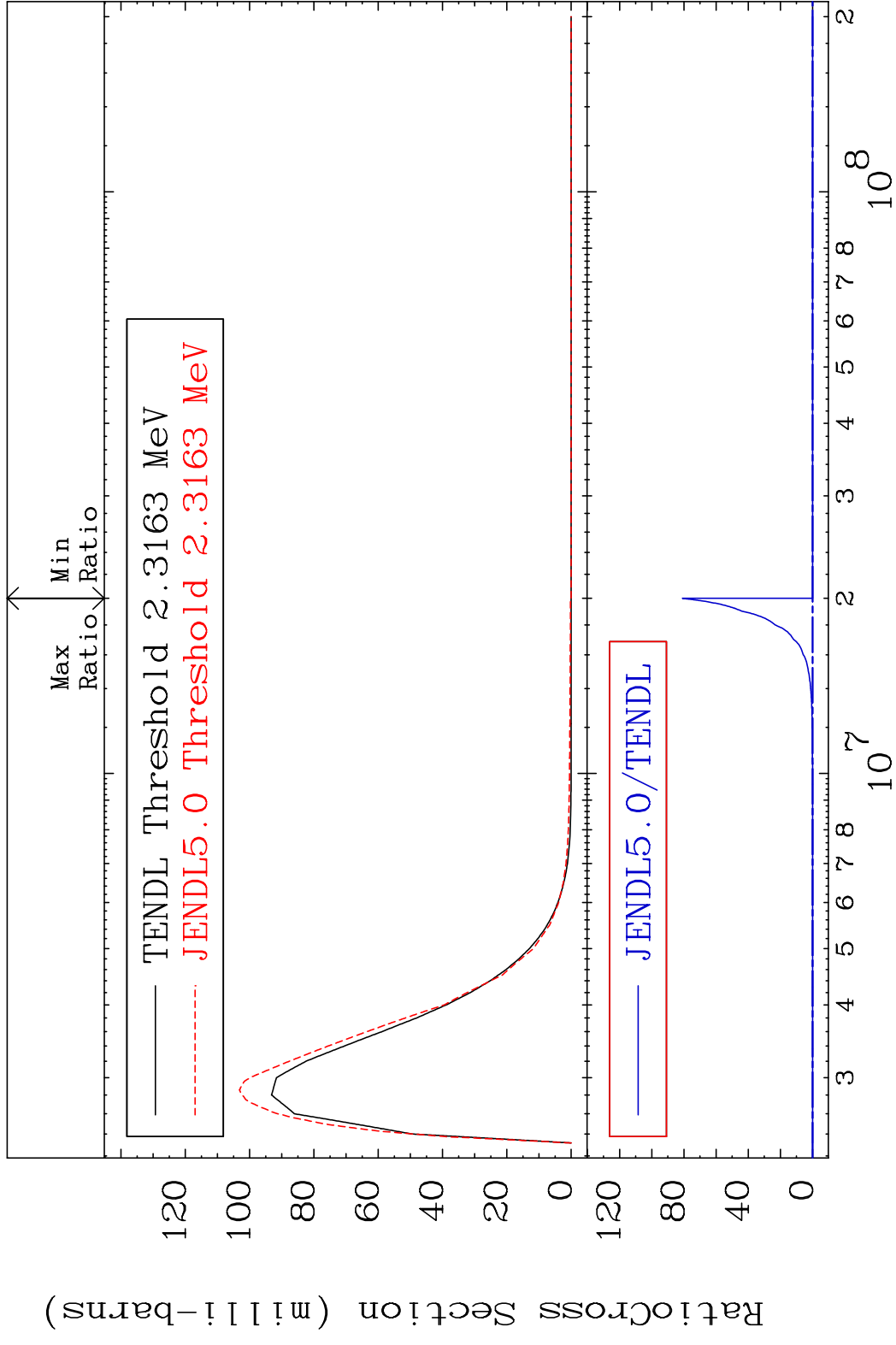
MAT 5049 MT= 56 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 139.3 %



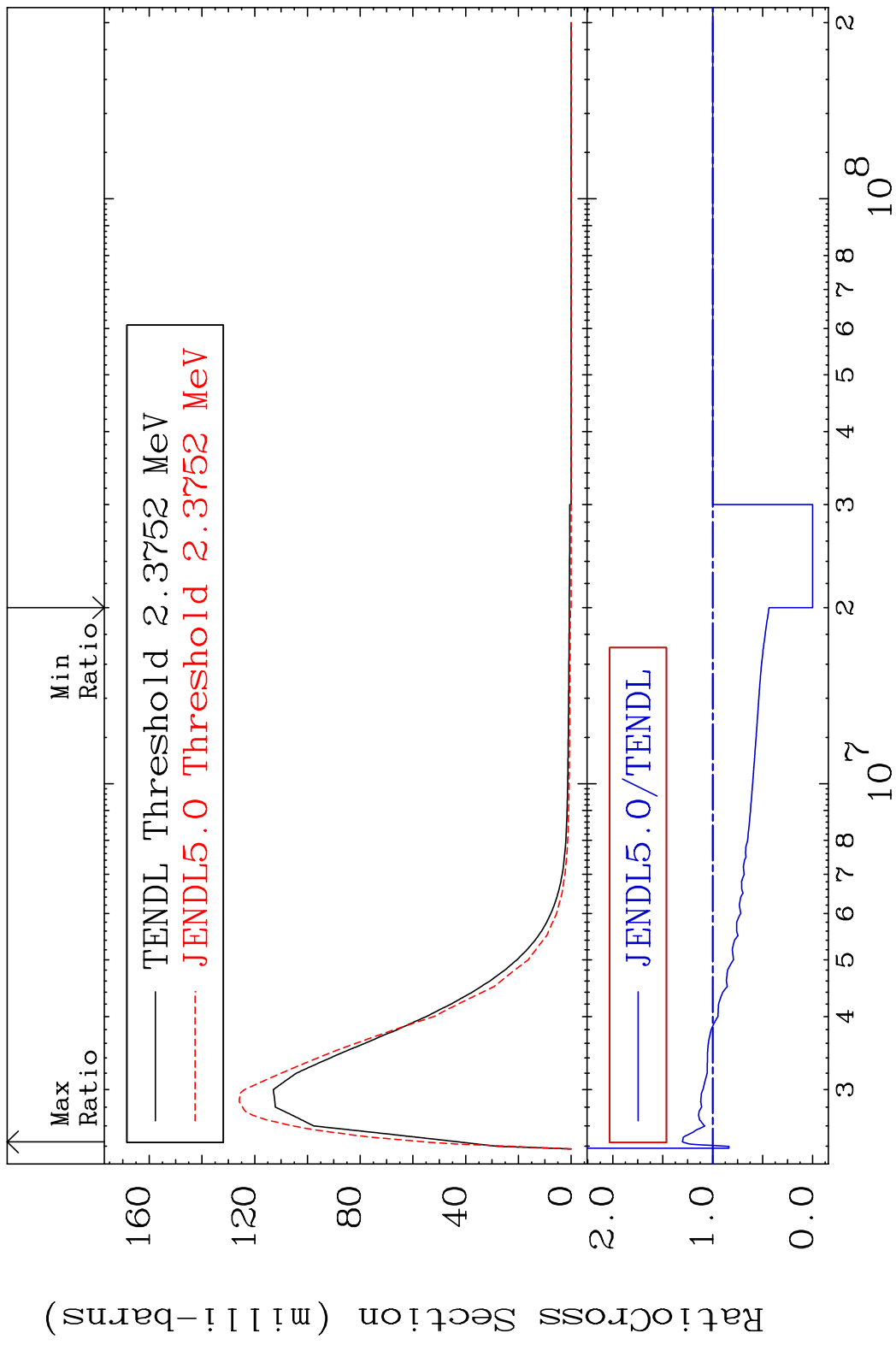
MAT 5049 MT= 57 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 63.55 %



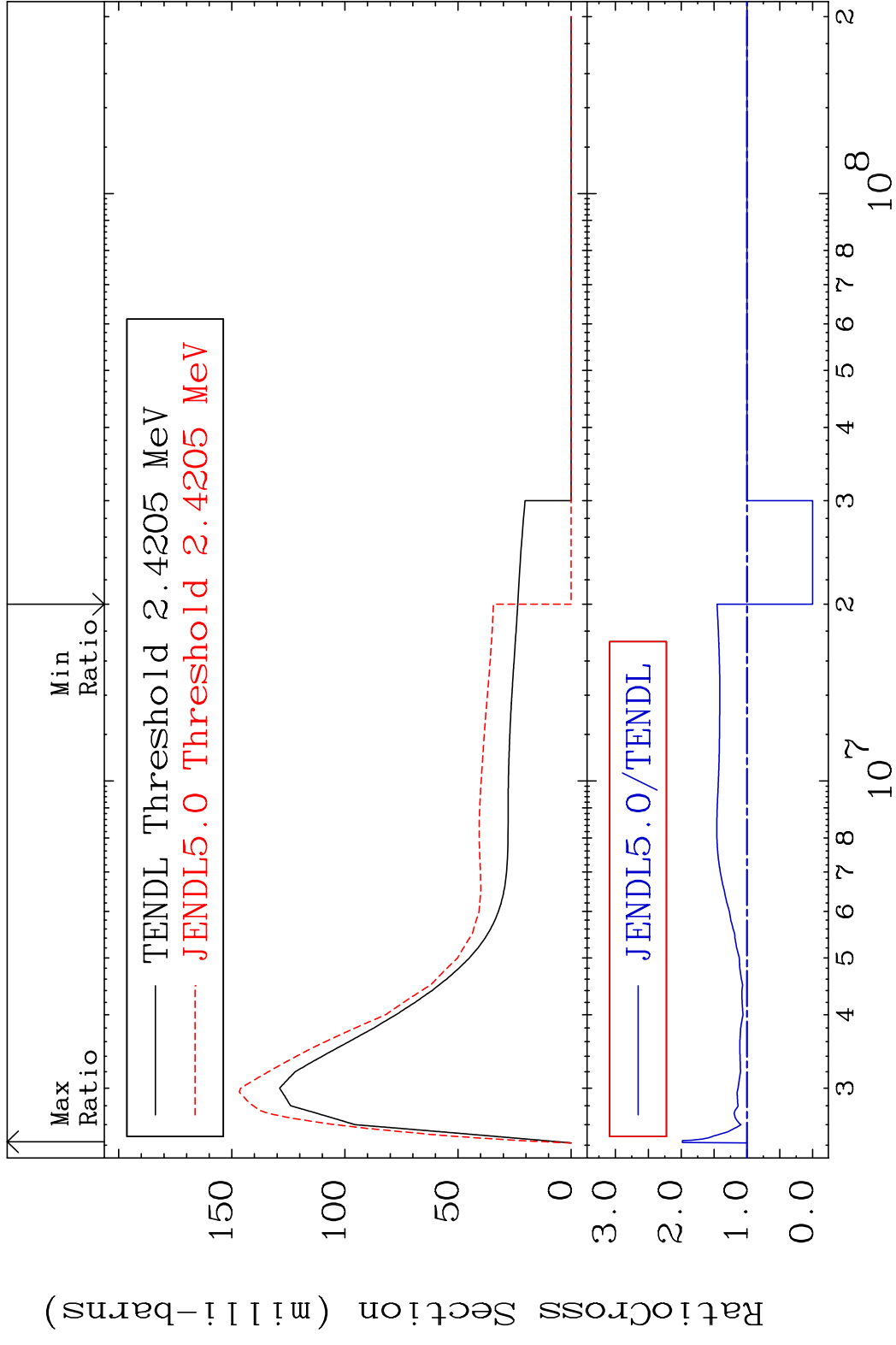
MAT 5049 MT= 58 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



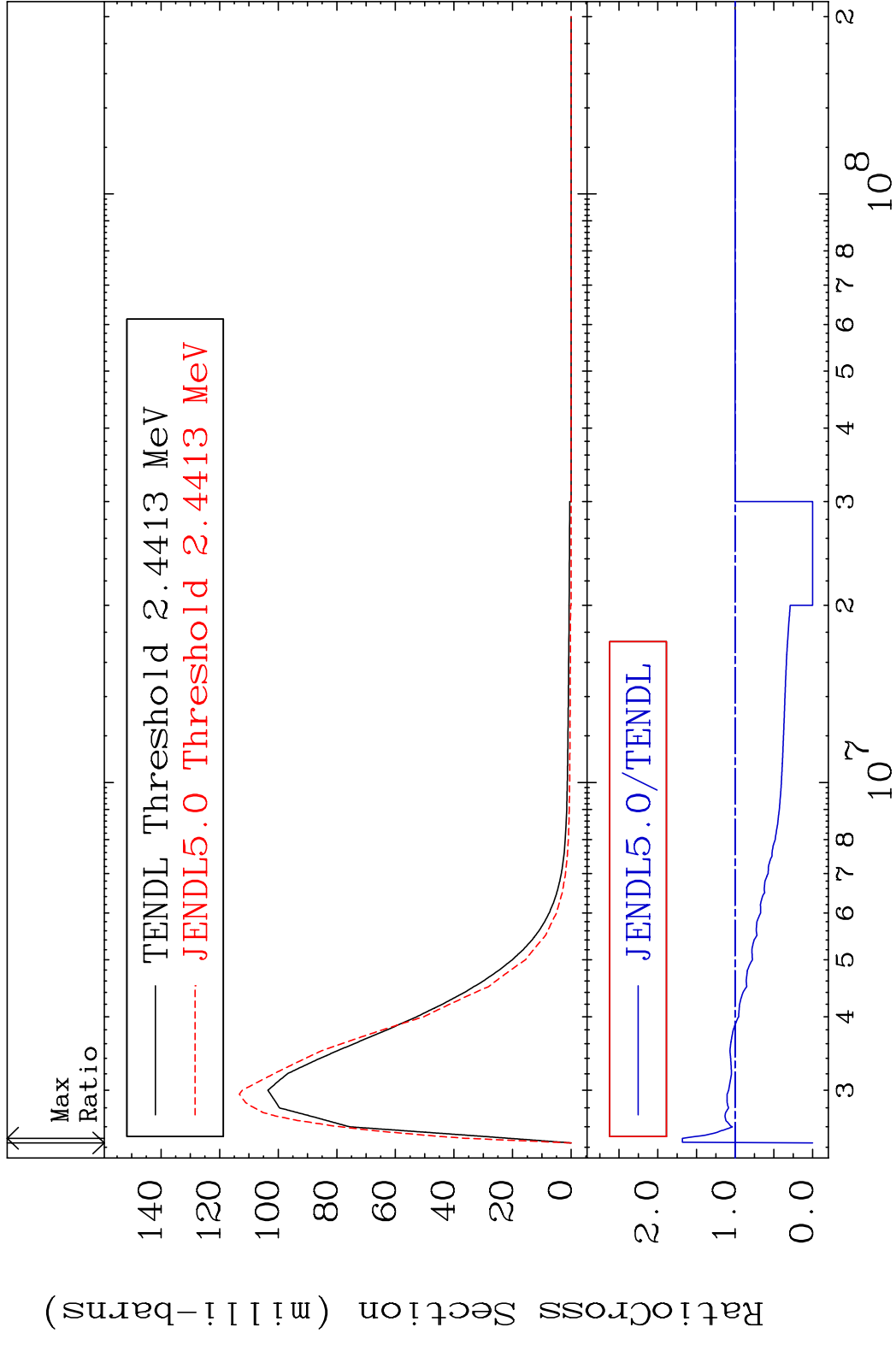
MAT 5049 MT= 59 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 30.35 %



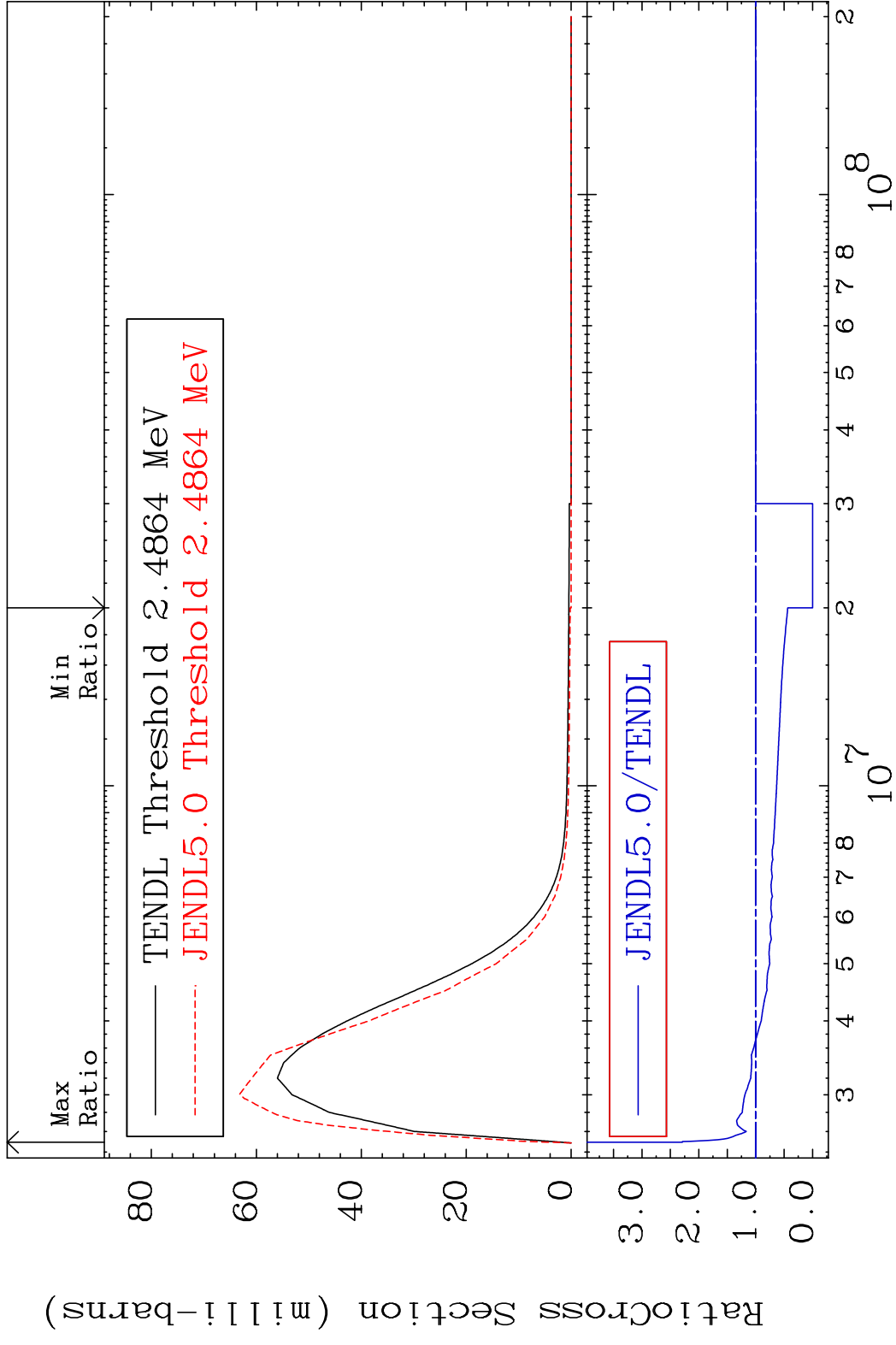
MAT 5049 MT= 60 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 98.17 %



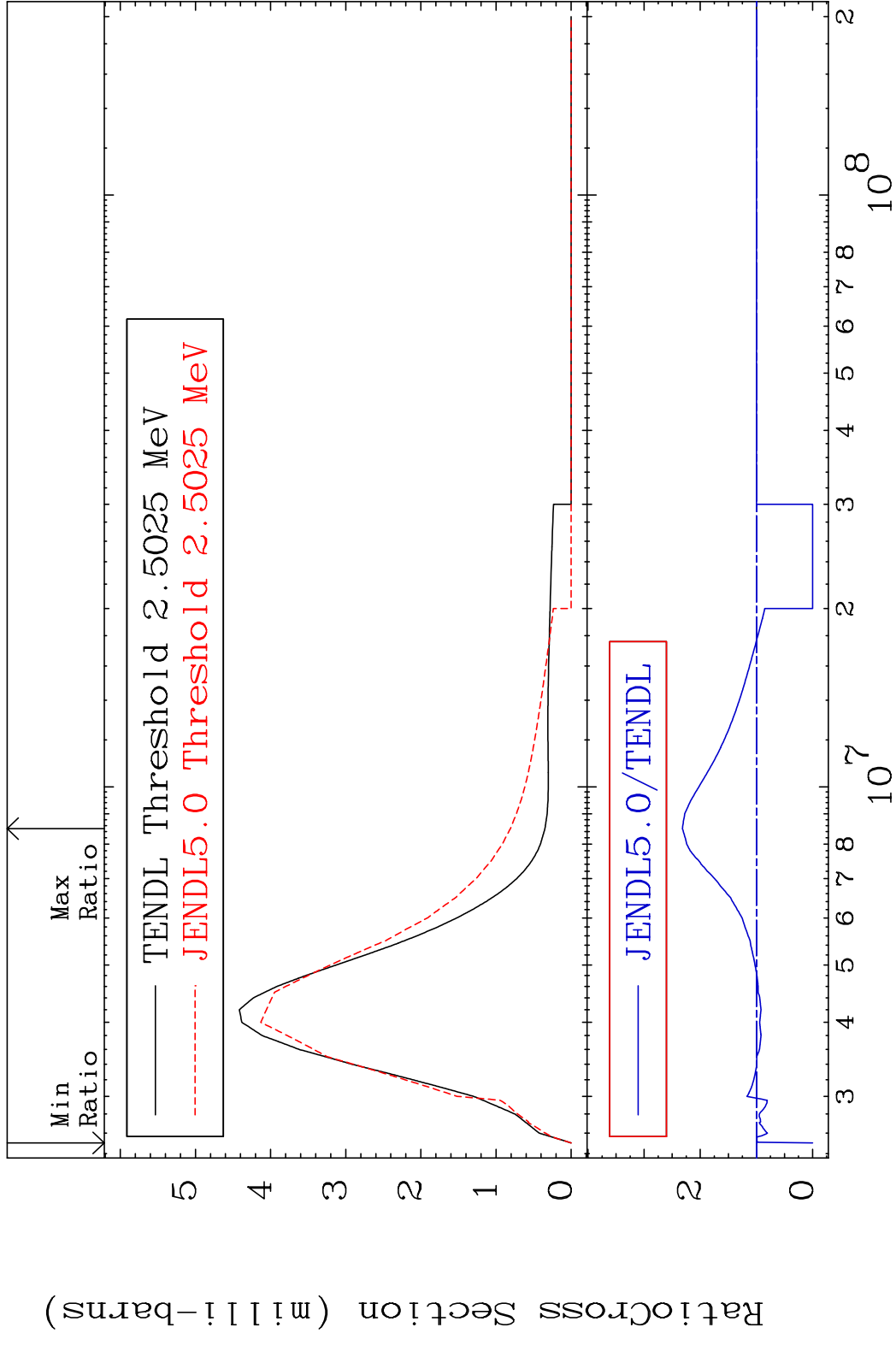
MAT 5049 MT= 61 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 68.24 %



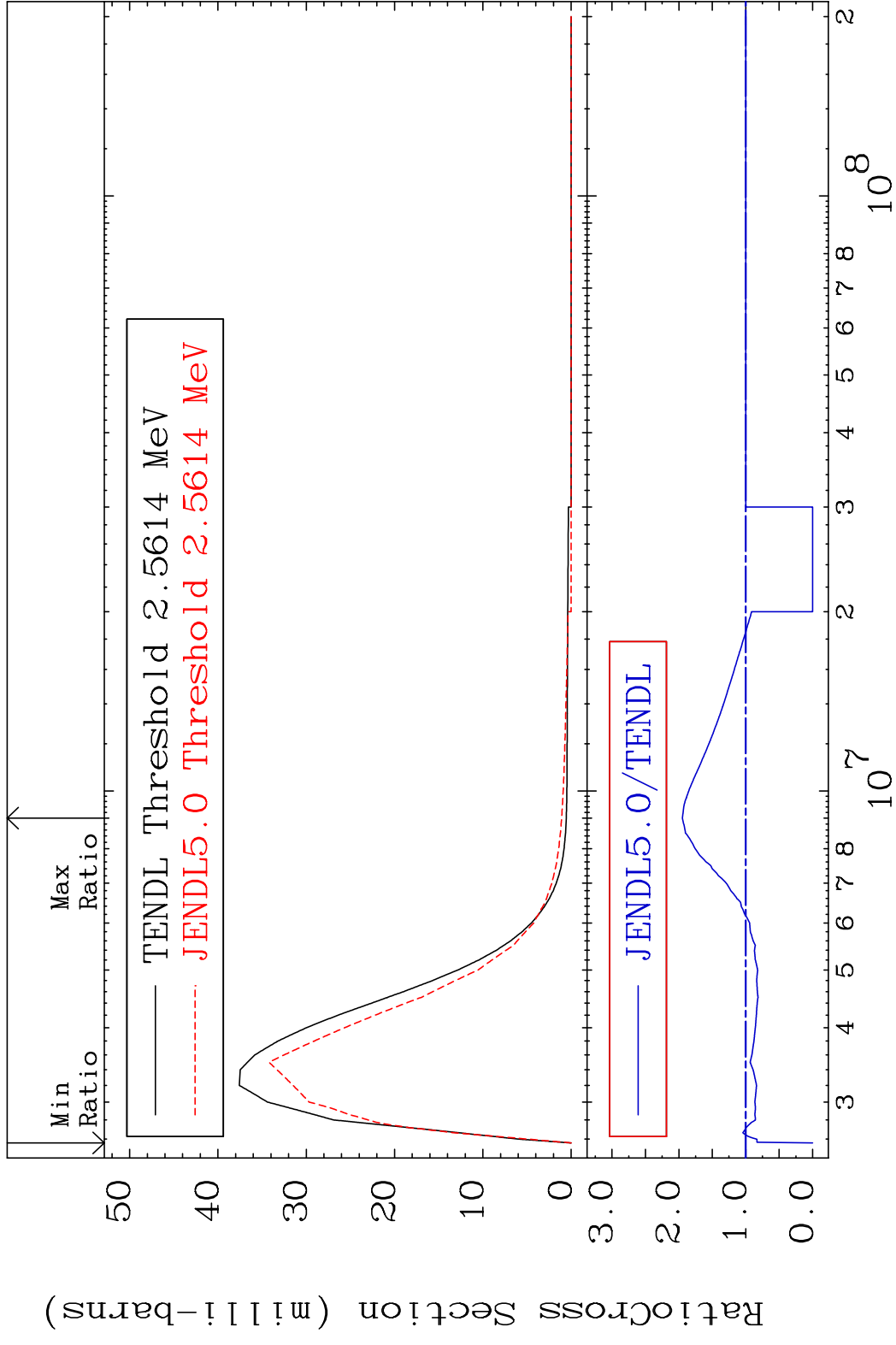
MAT 5049 MT= 62 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 129.0 %



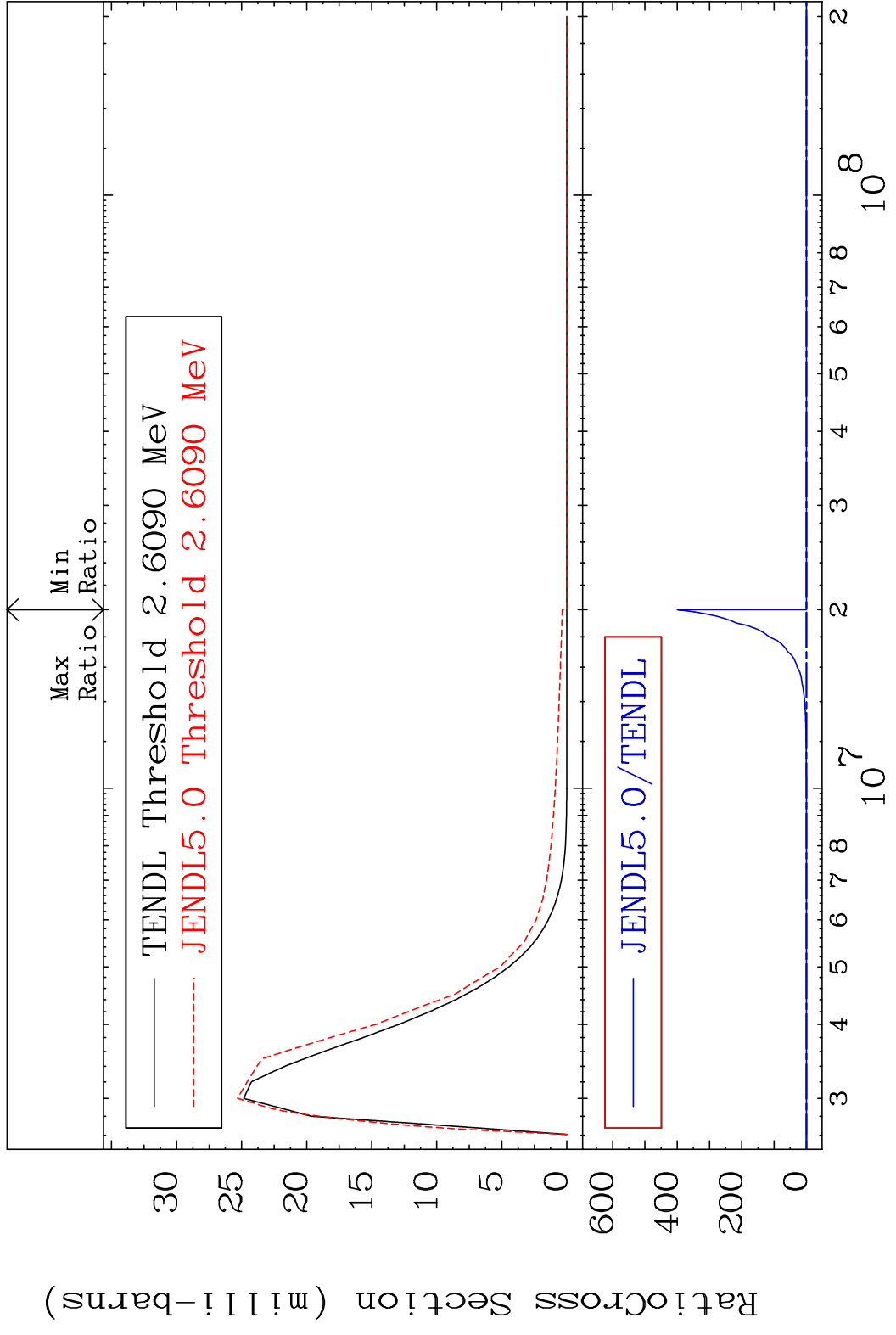
MAT 5049 MT= 63 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 131.9 %



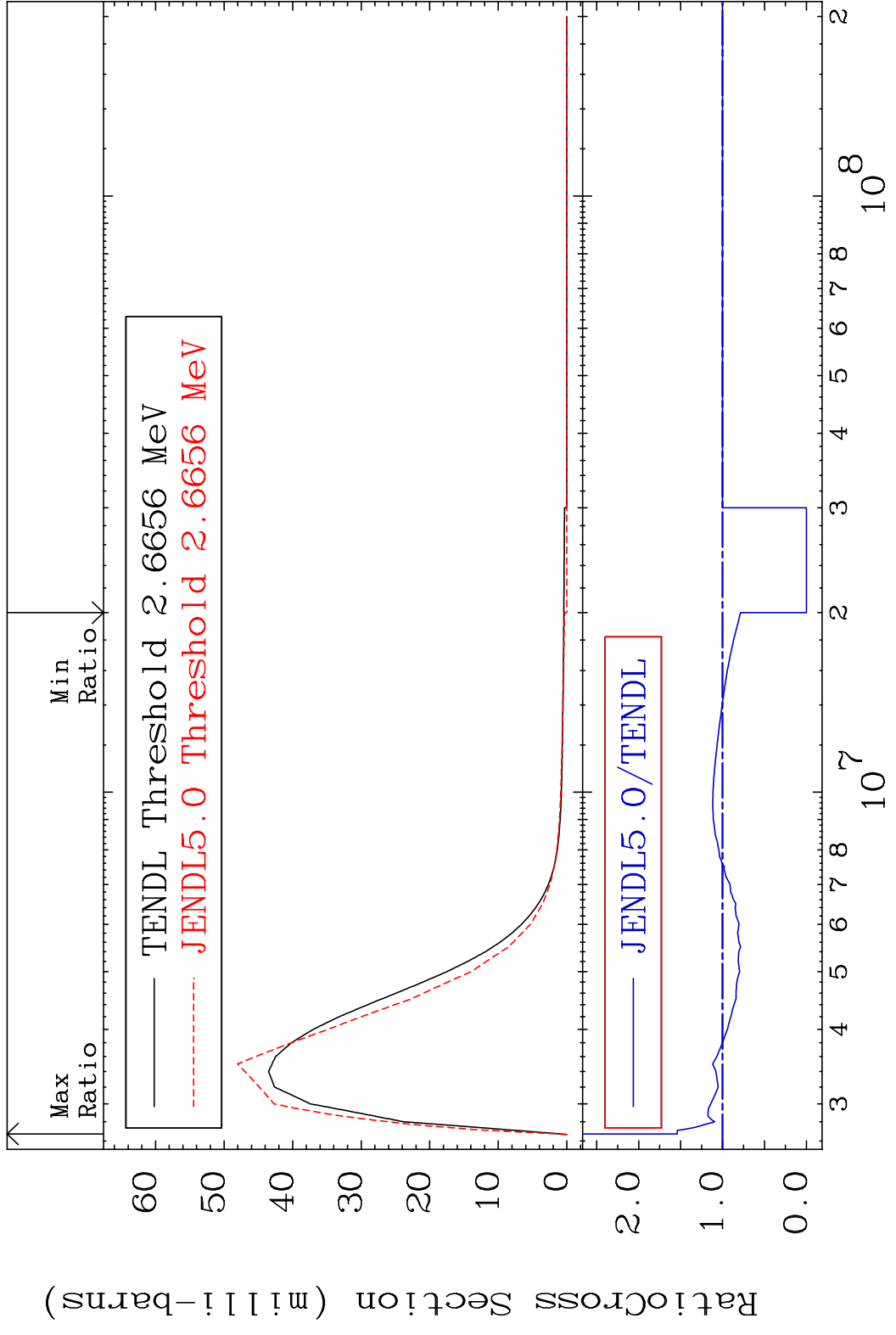
MAT 5049 MT= 64 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 94.80 %



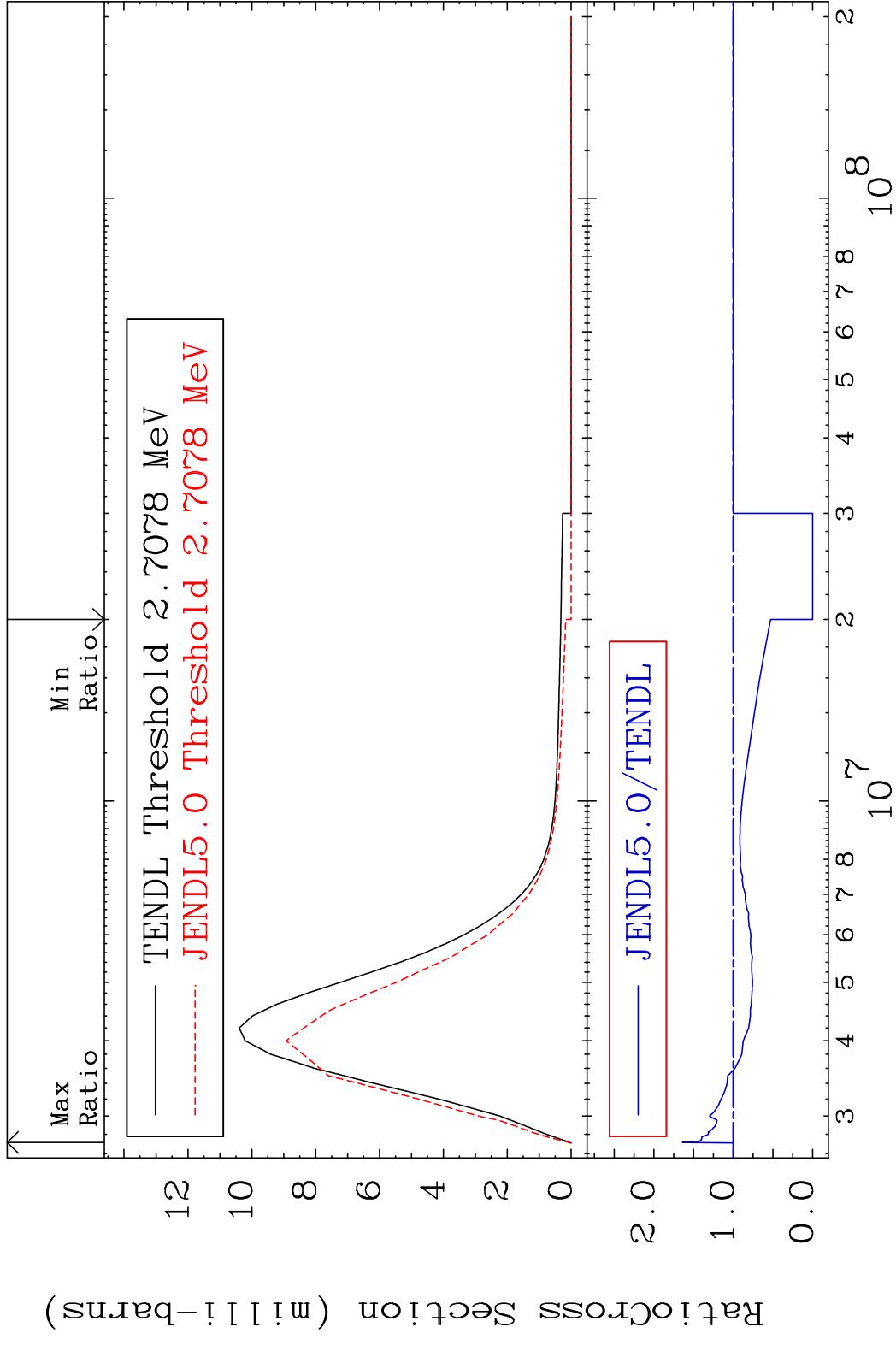
MAT 5049 MT= 65 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



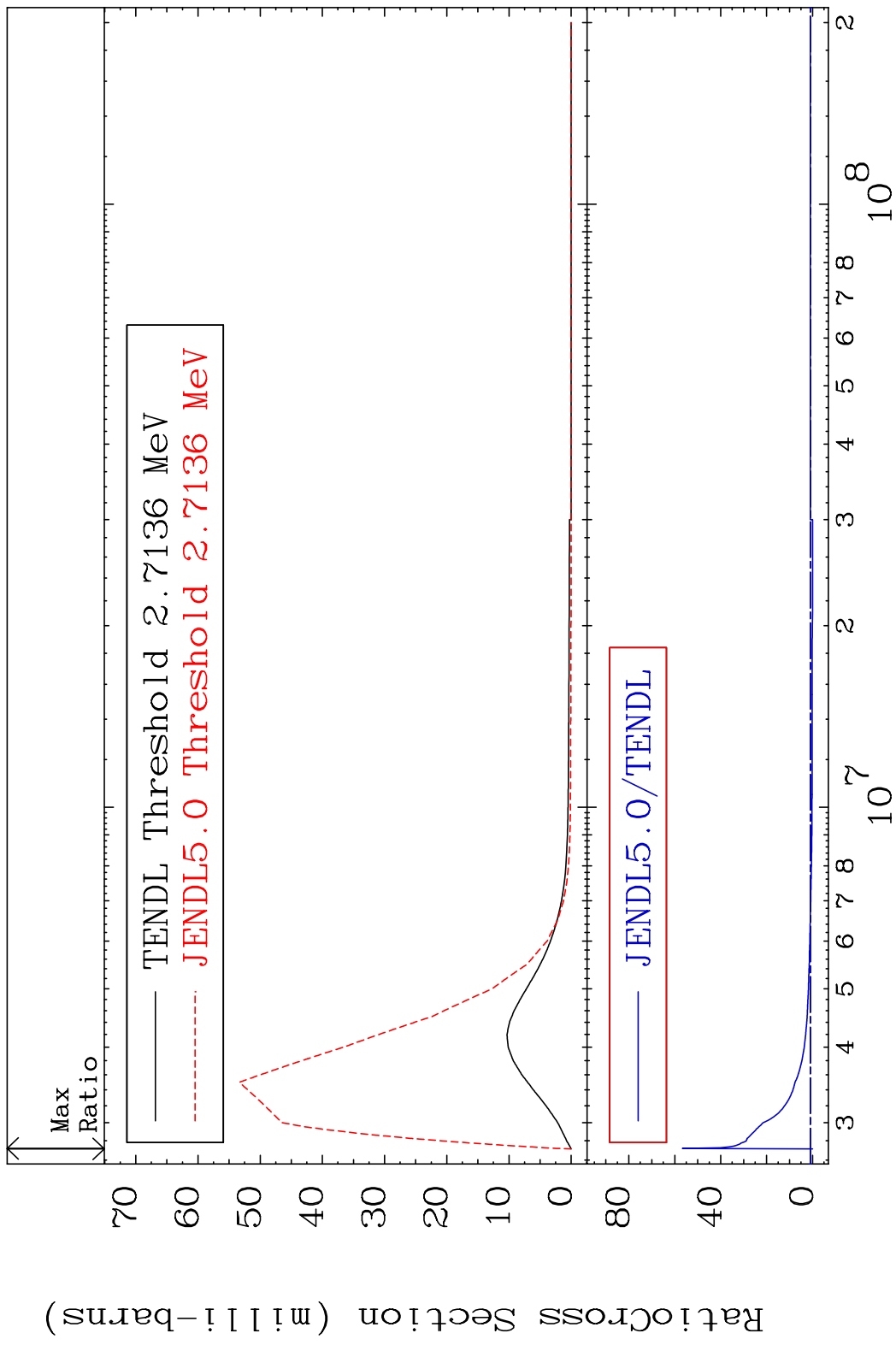
MAT 5049 MT= 66 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 54.08 %



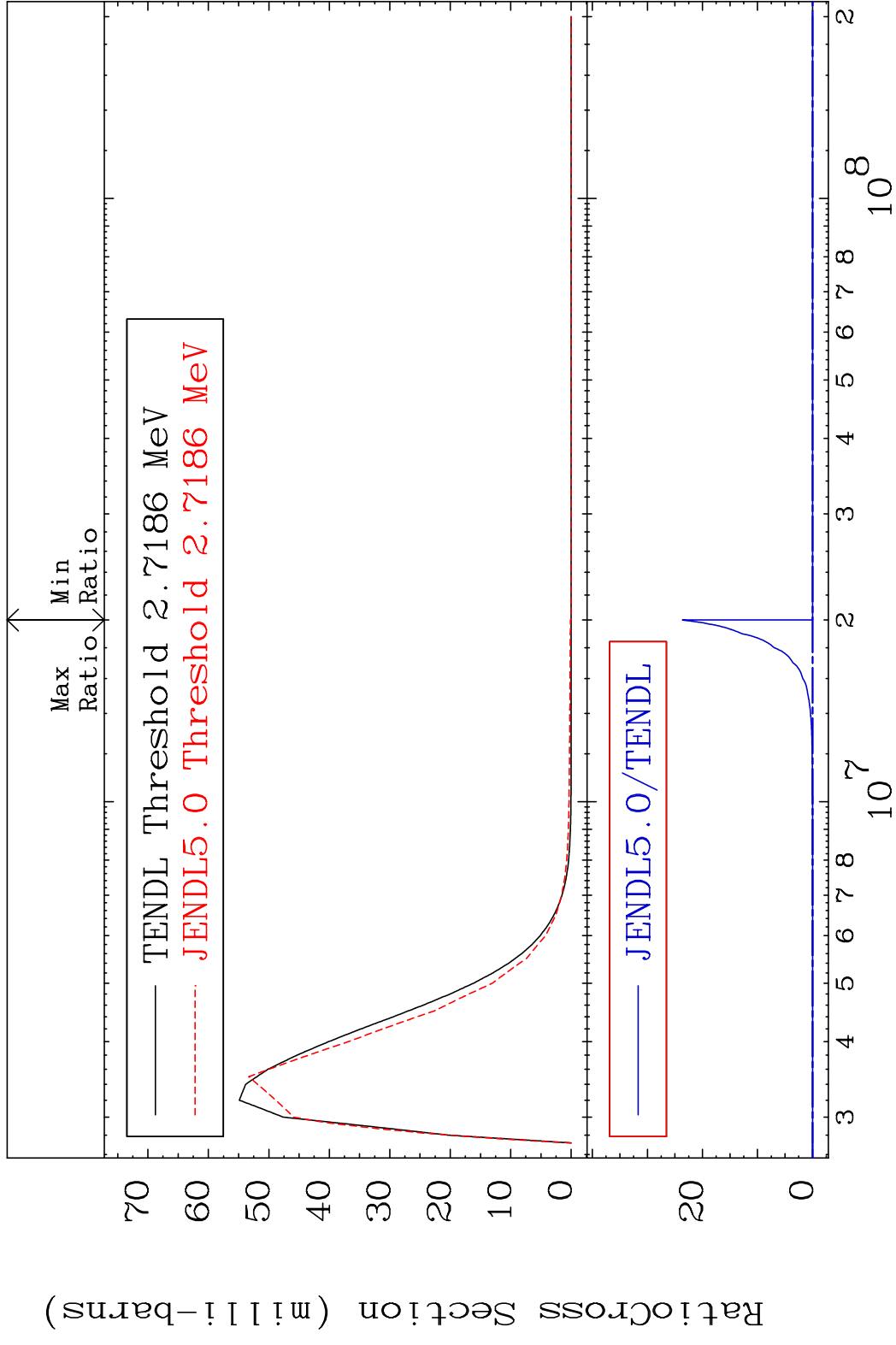
MAT 5049 MT= 67 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 64.17 %



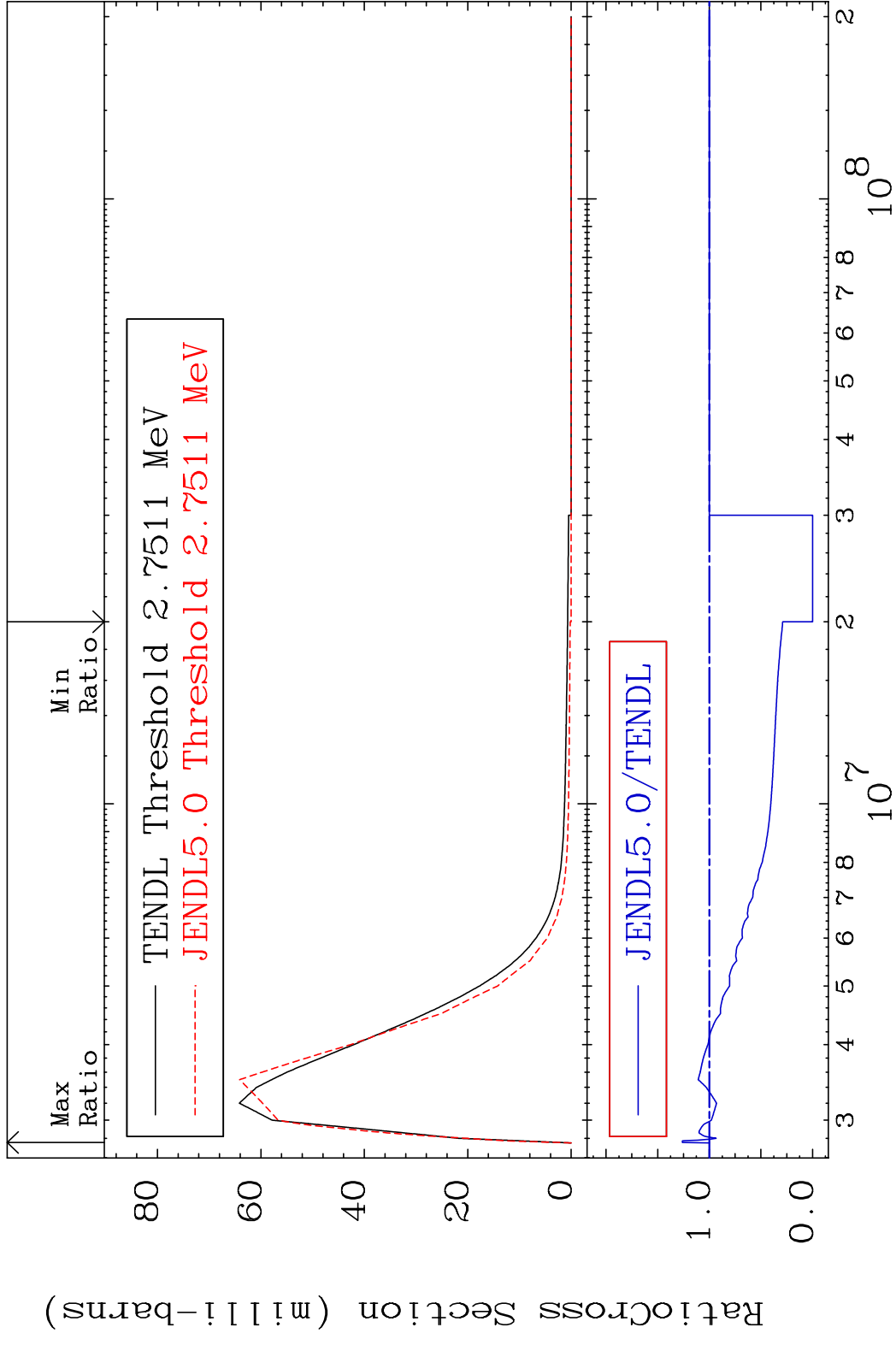
MAT 5049 MT= 68 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 5569. %



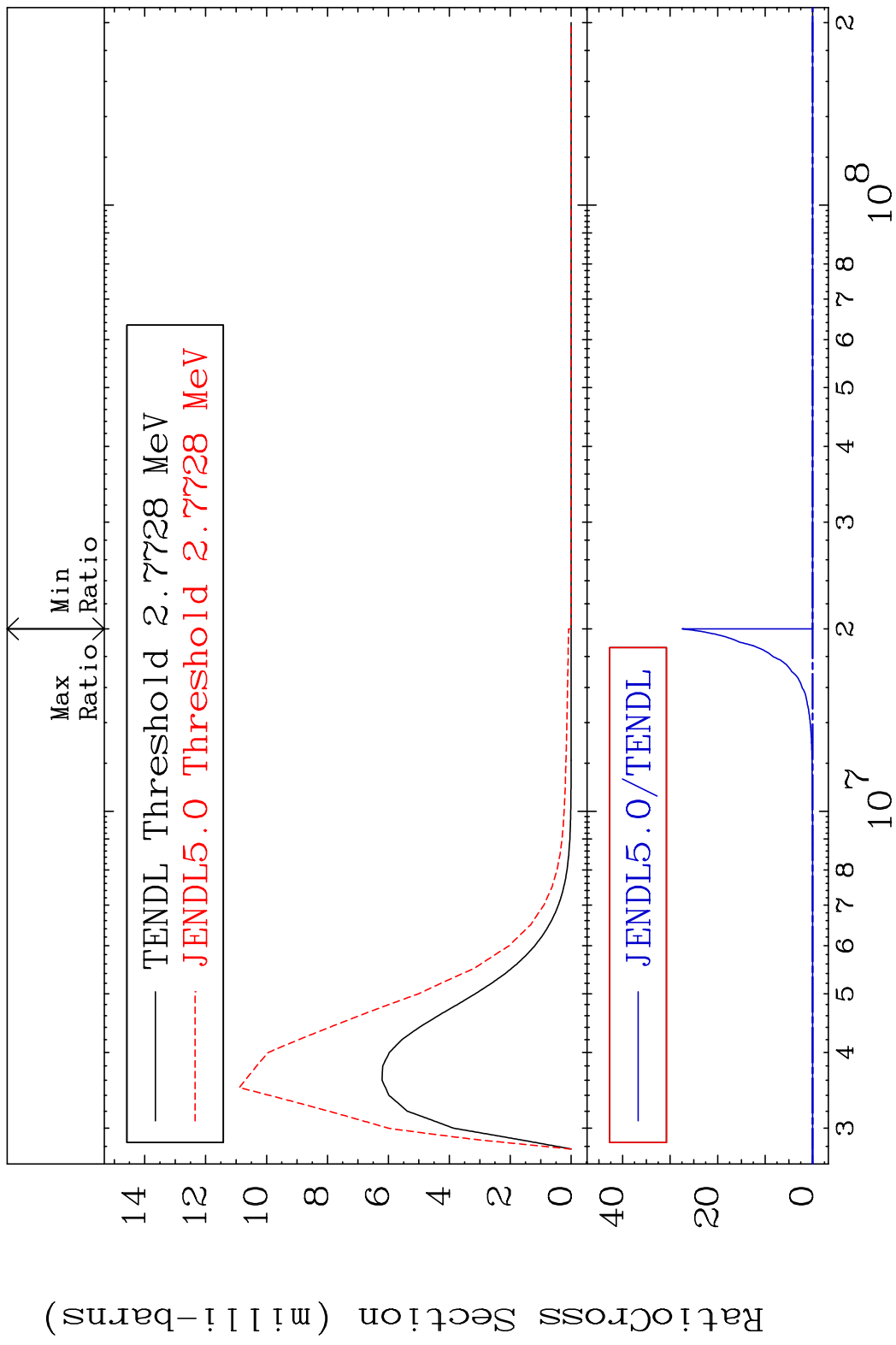
MAT 5049 MT= 69 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



MAT 5049 MT= 70 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 26.09 %

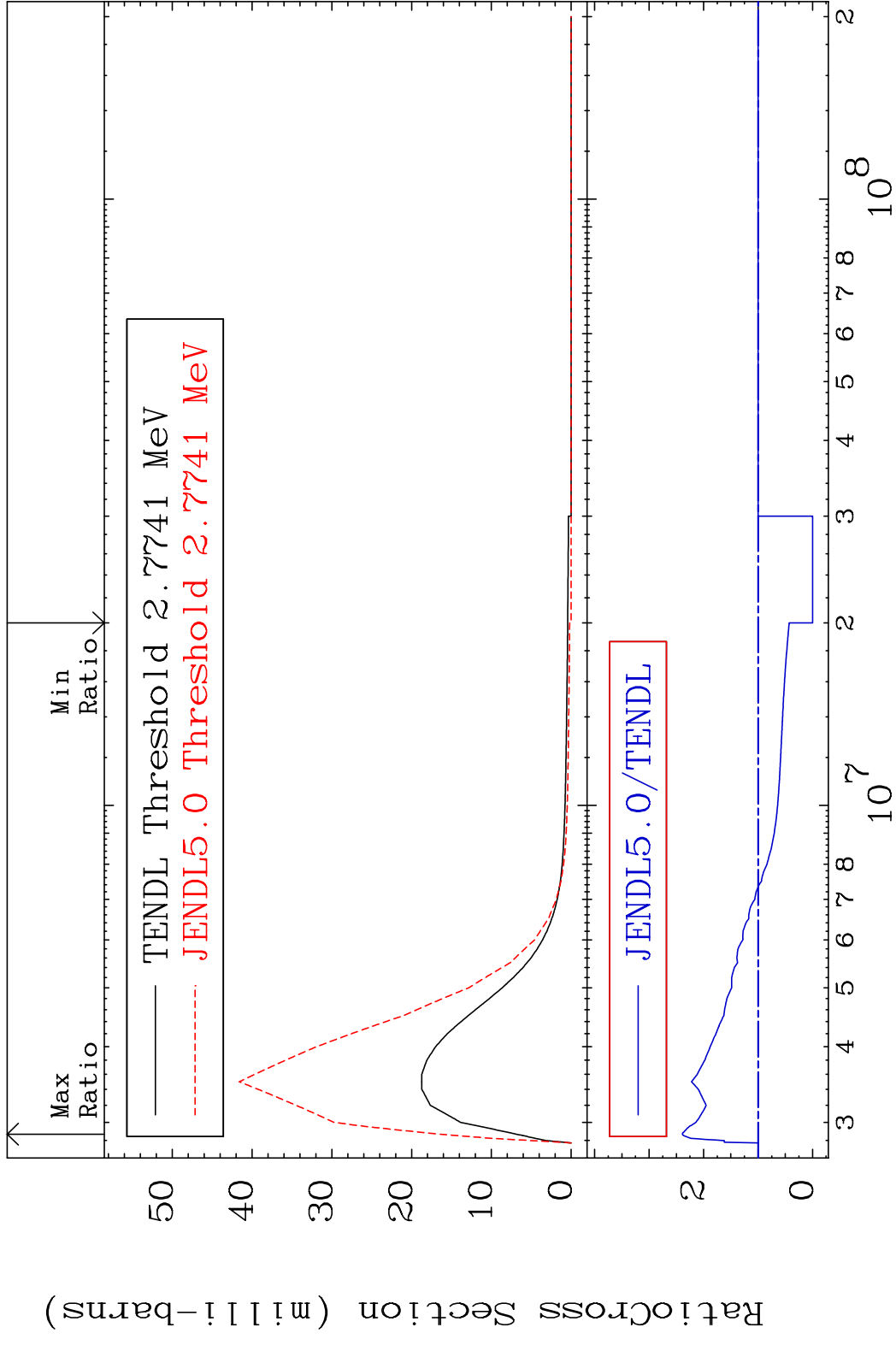


MAT 5049 MT= 71 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



29 Incident Energy (eV) 50-Sn-120

MAT 5049 MT= 72 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 139.0 %

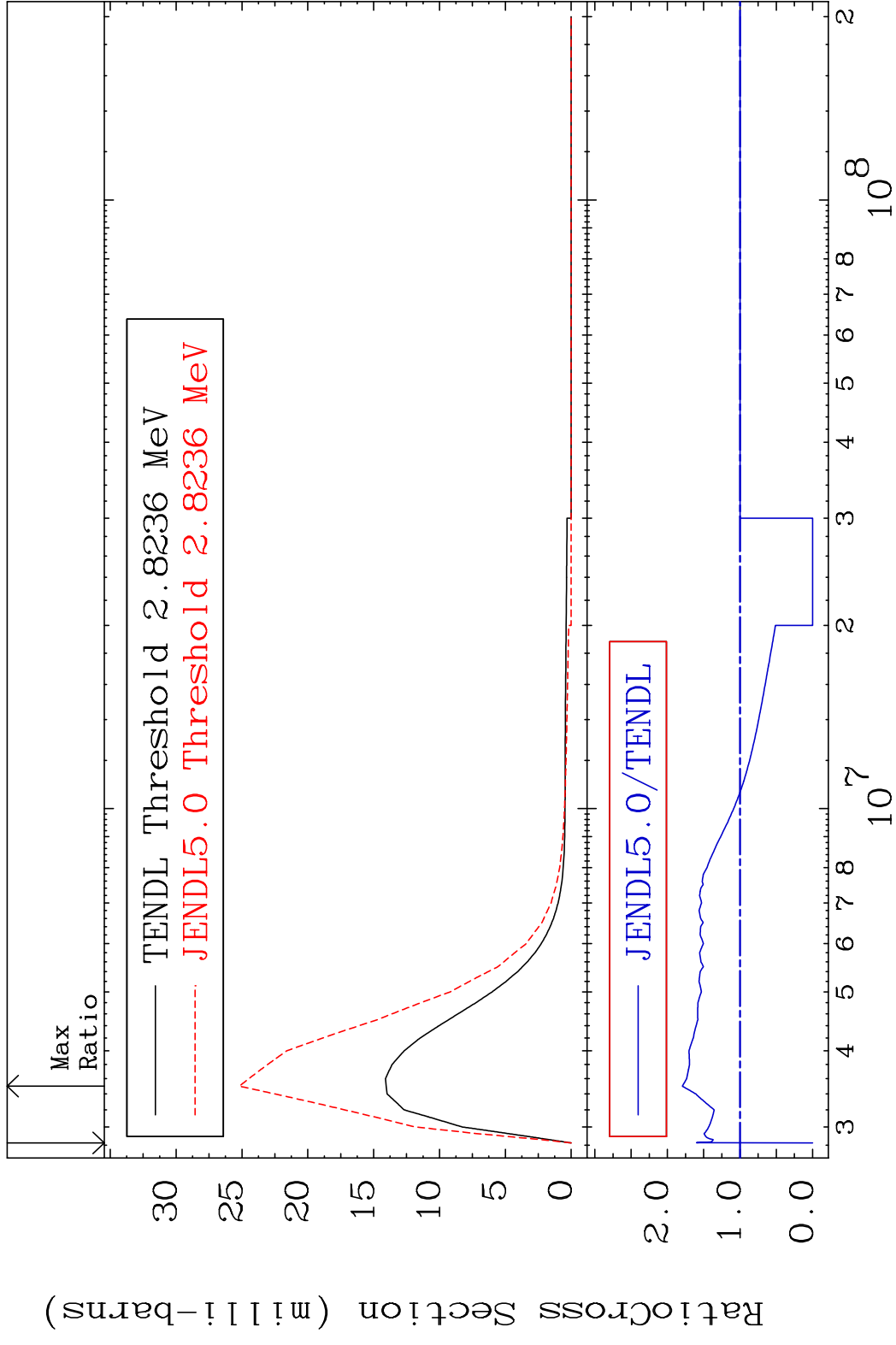


30

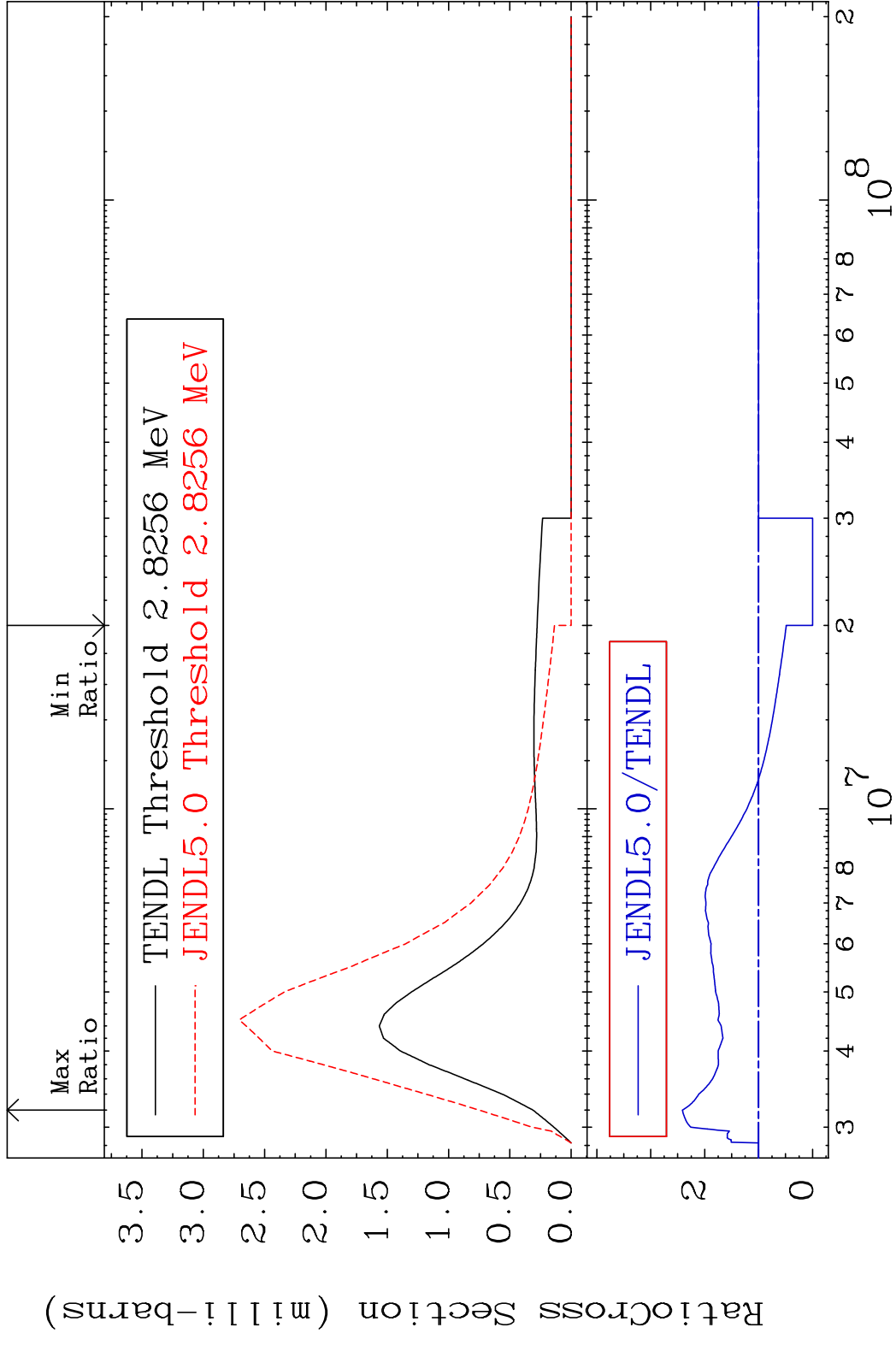
Incident Energy (eV)

50-Sn-120

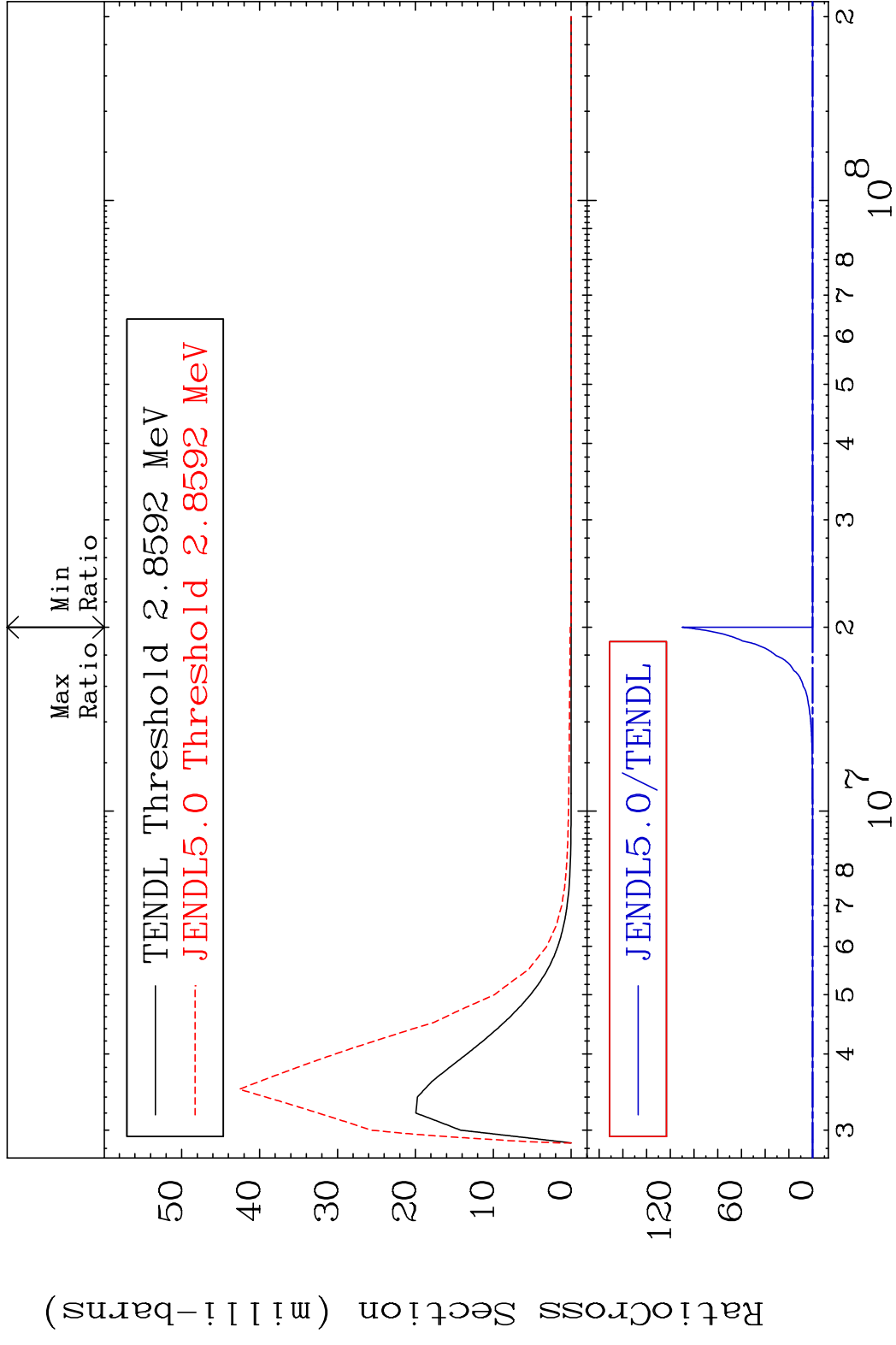
MAT 5049 MT= 73 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 79.40 %



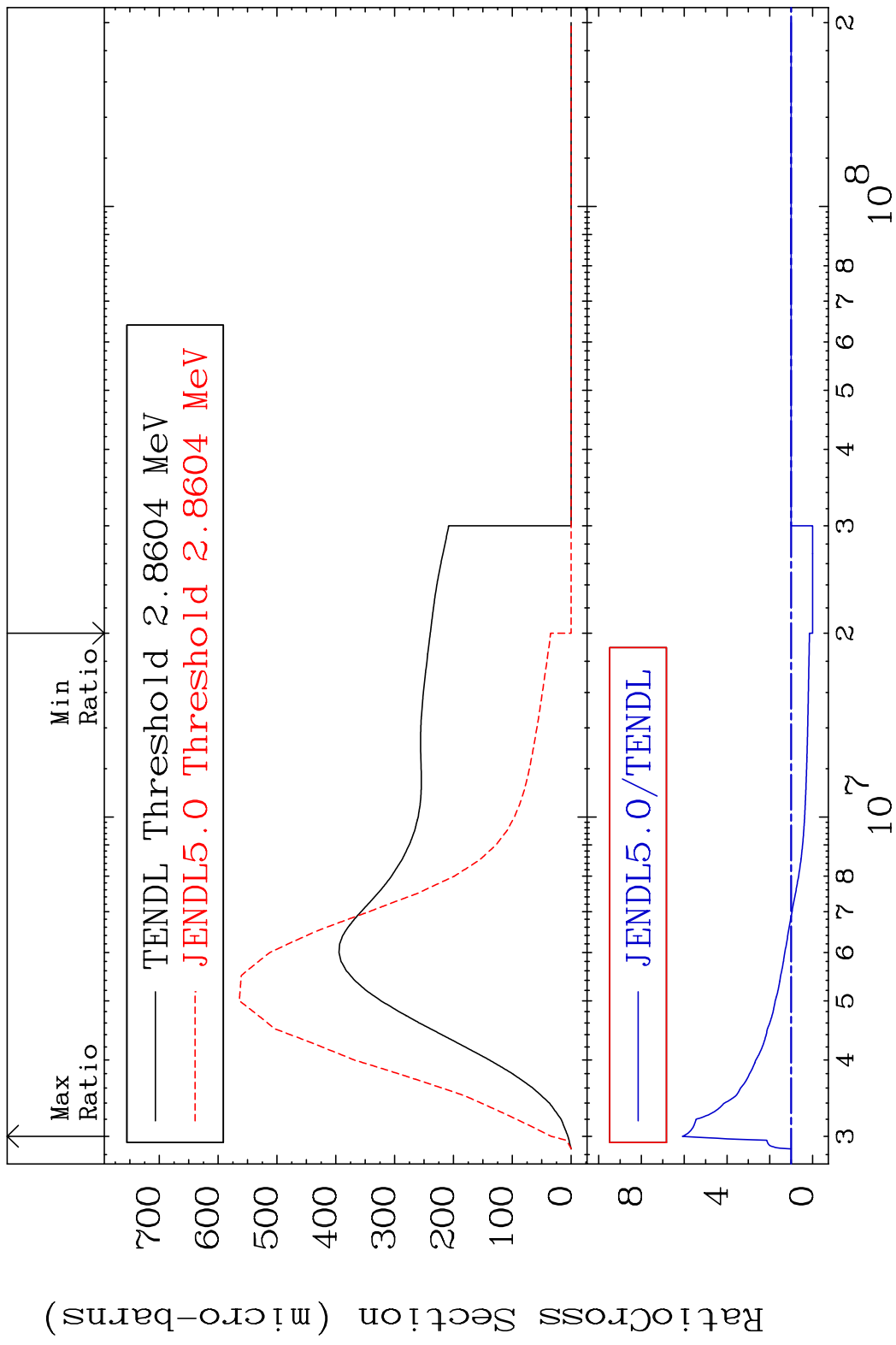
MAT 5049 MT= 74 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 141.3 %



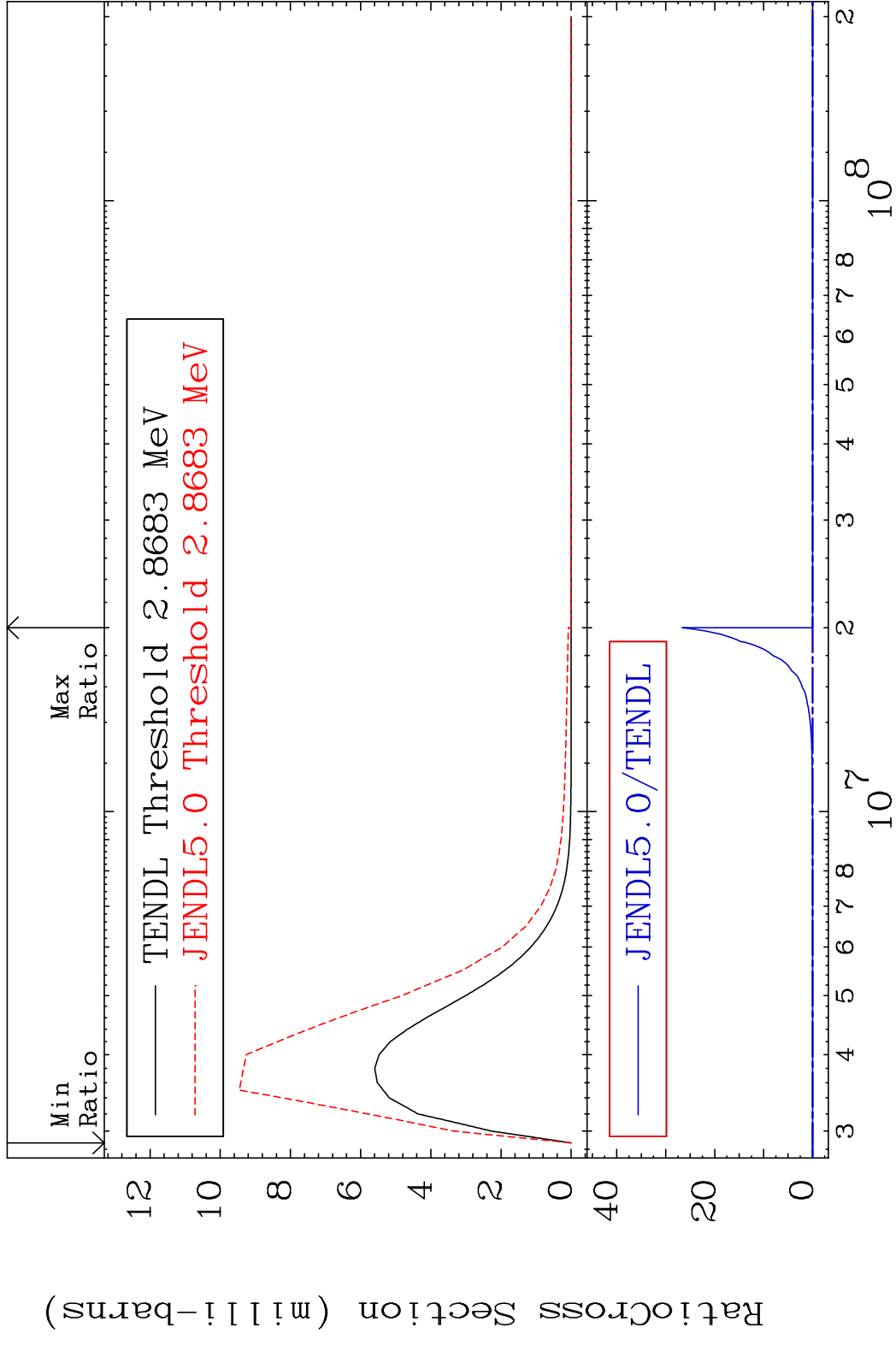
MAT 5049 MT= 75 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



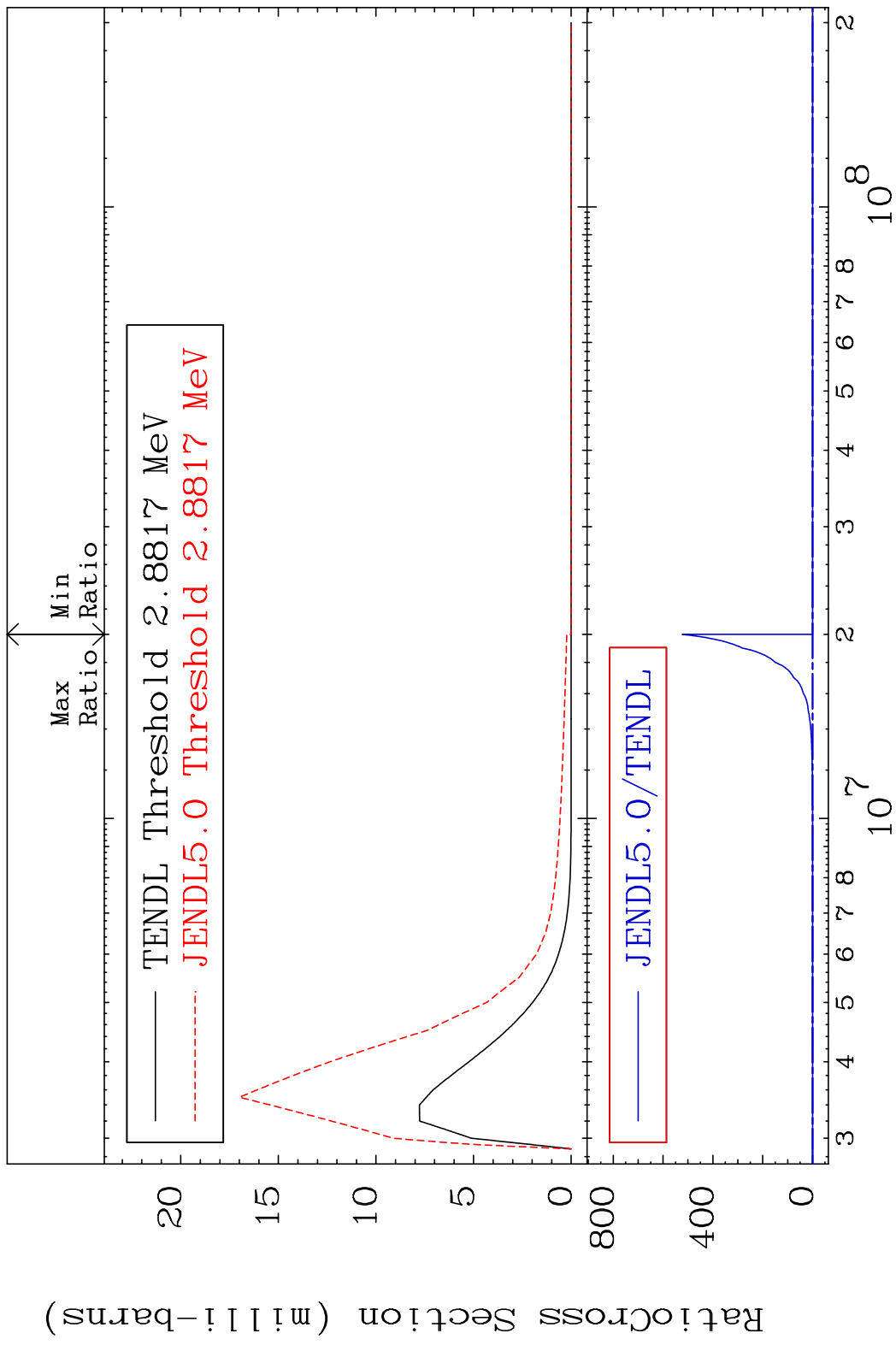
MAT 5049 MT= 76 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 508.8 %



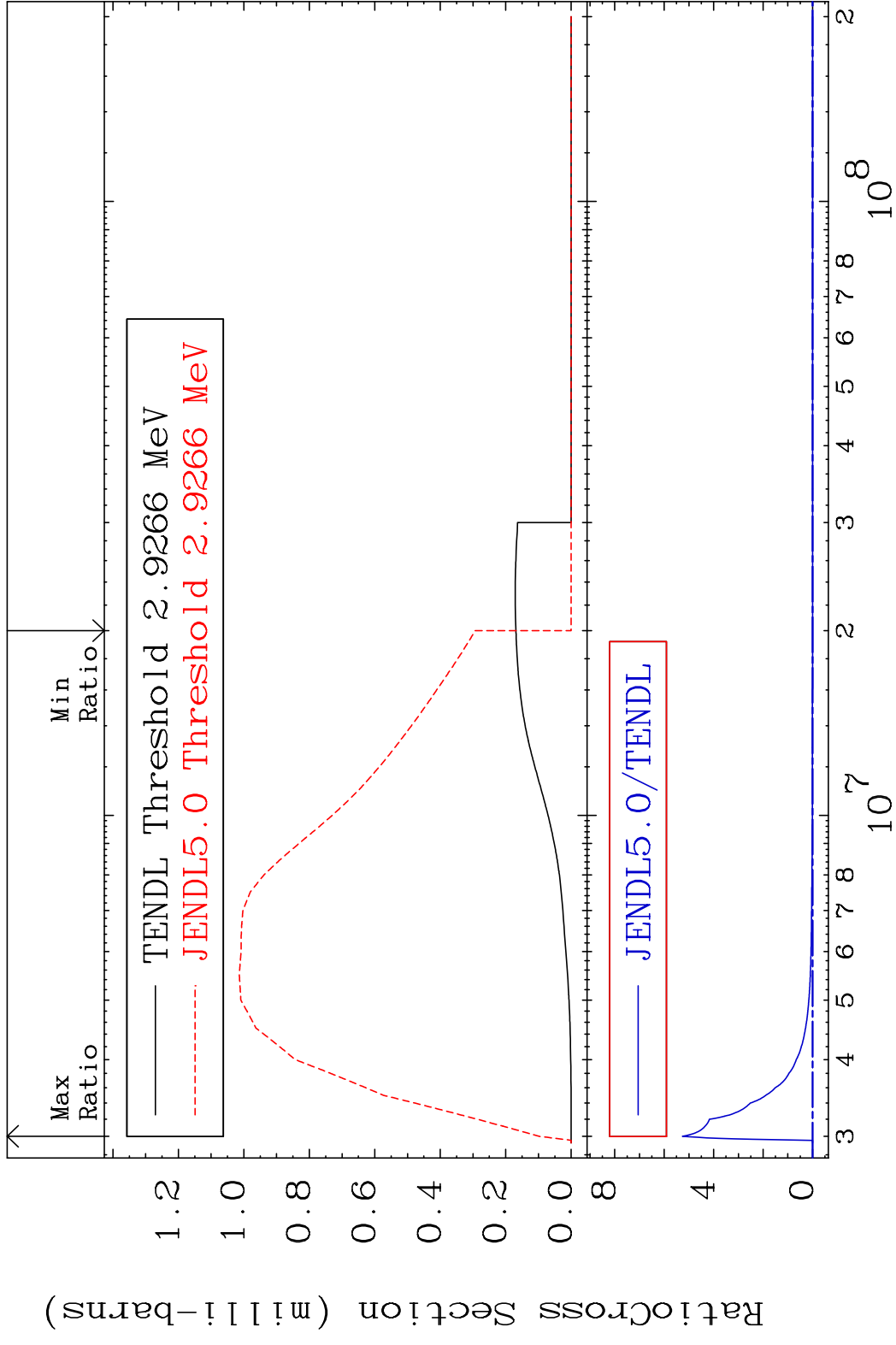
MAT 5049 MT= 77 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



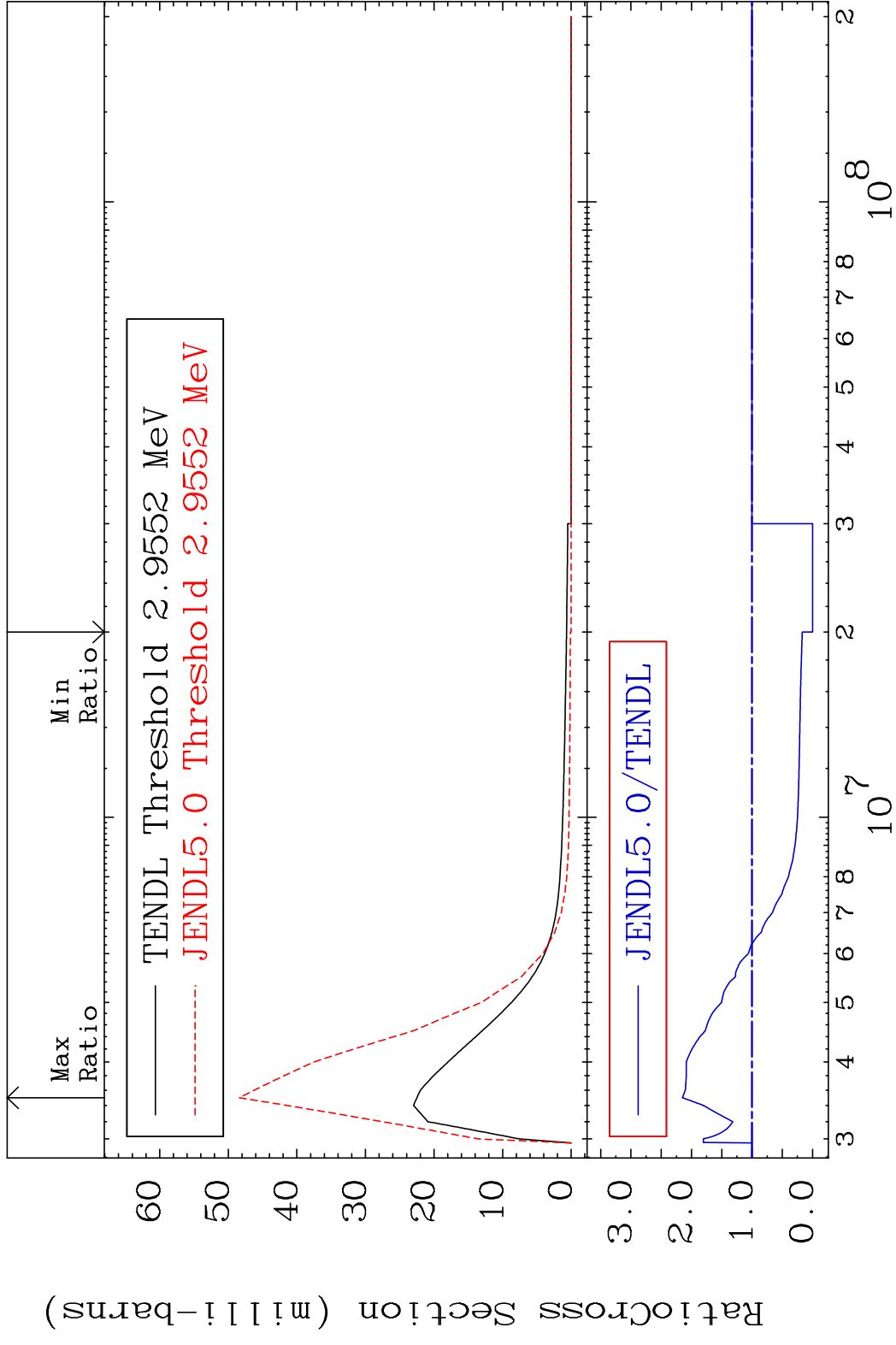
MAT 5049 MT= 78 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



MAT 5049 MT= 79 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



MAT 5049 MT= 80 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 115.1 %

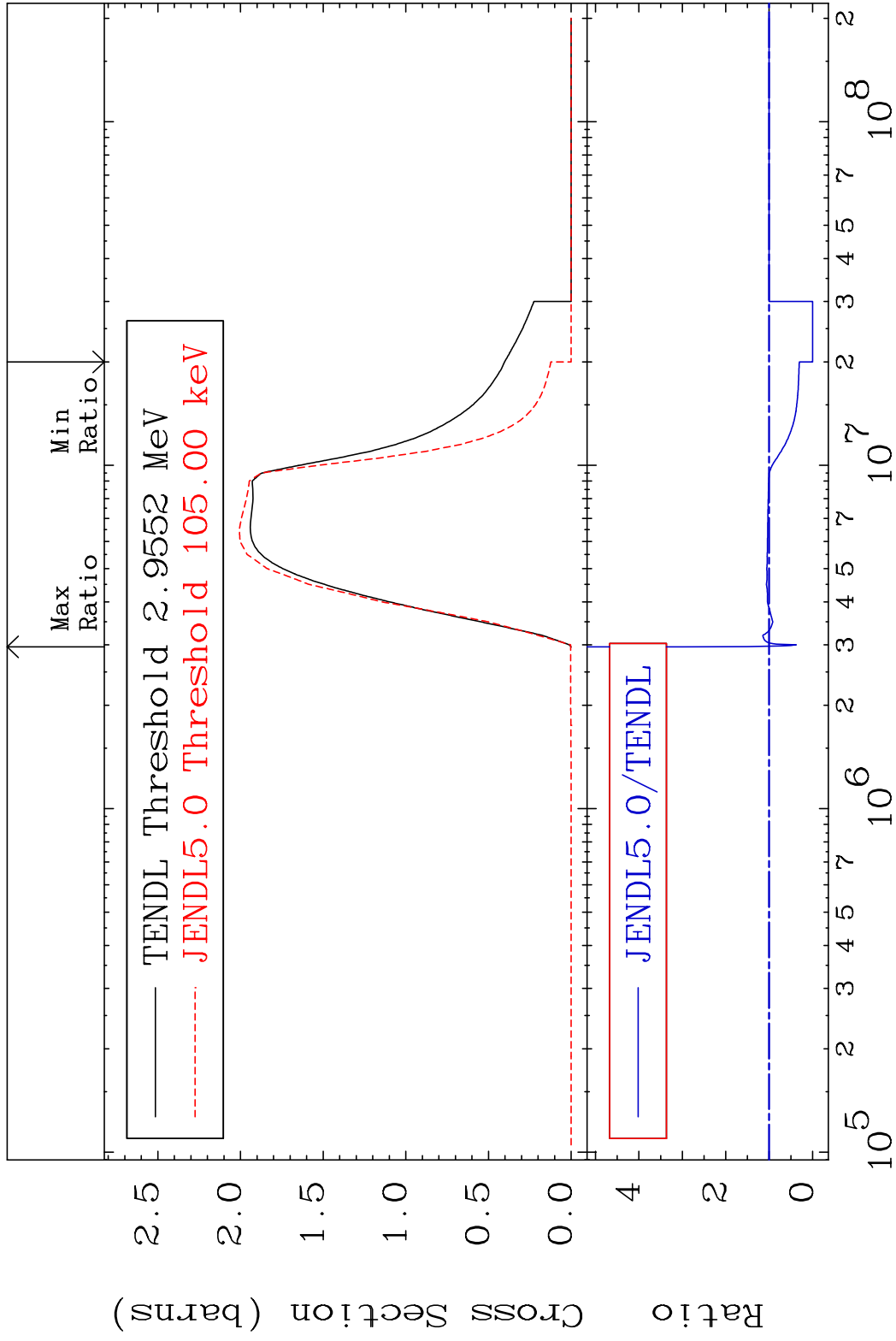


MAT 5049

(n, n') Continuum

50-Sn-120

Cross Section -100.0 To 200.0 %



39

Incident Energy (eV)

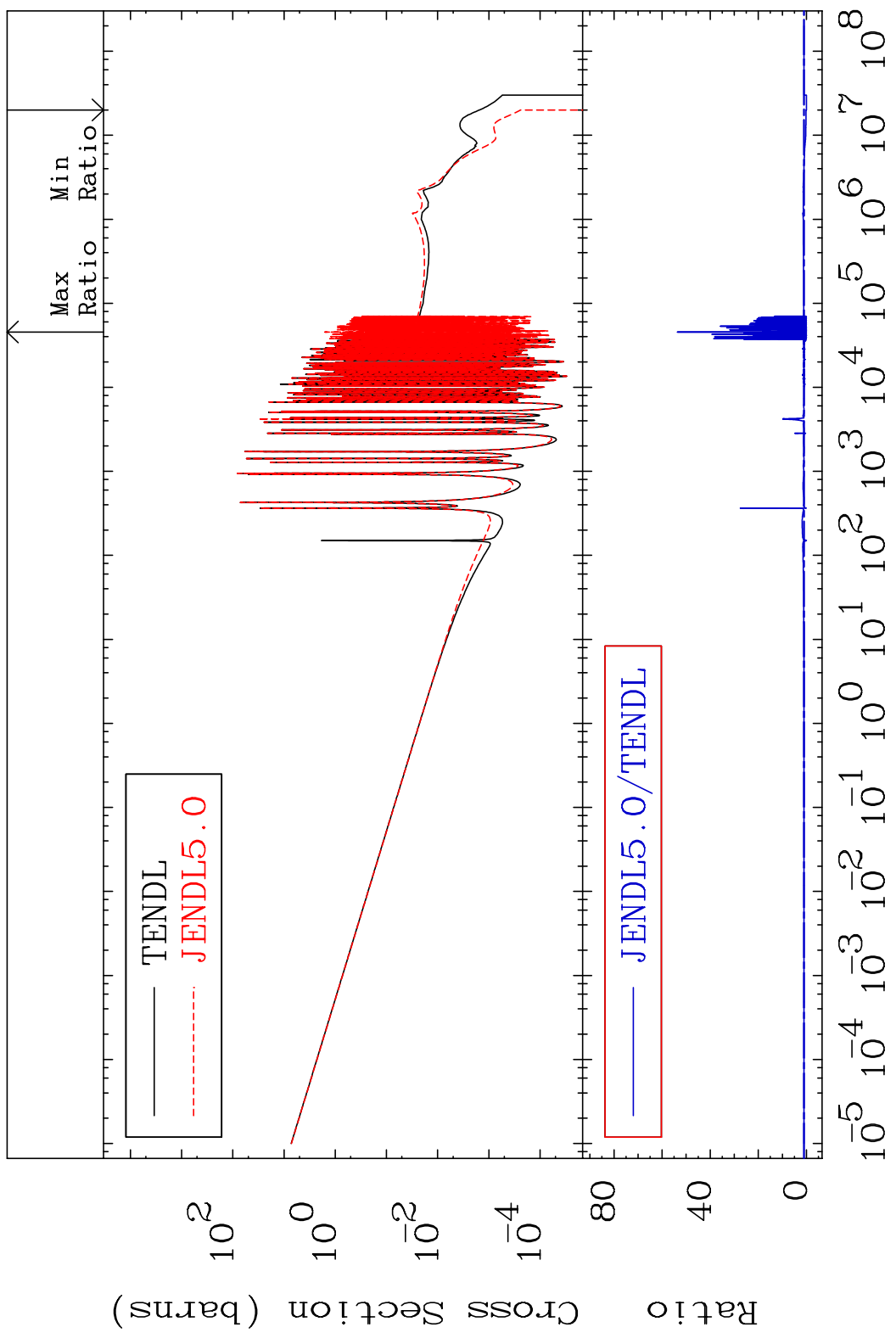
50-Sn-120

MAT 5049

(n, γ)

50-Sn-120

Cross Section -100.0 To 5272. %

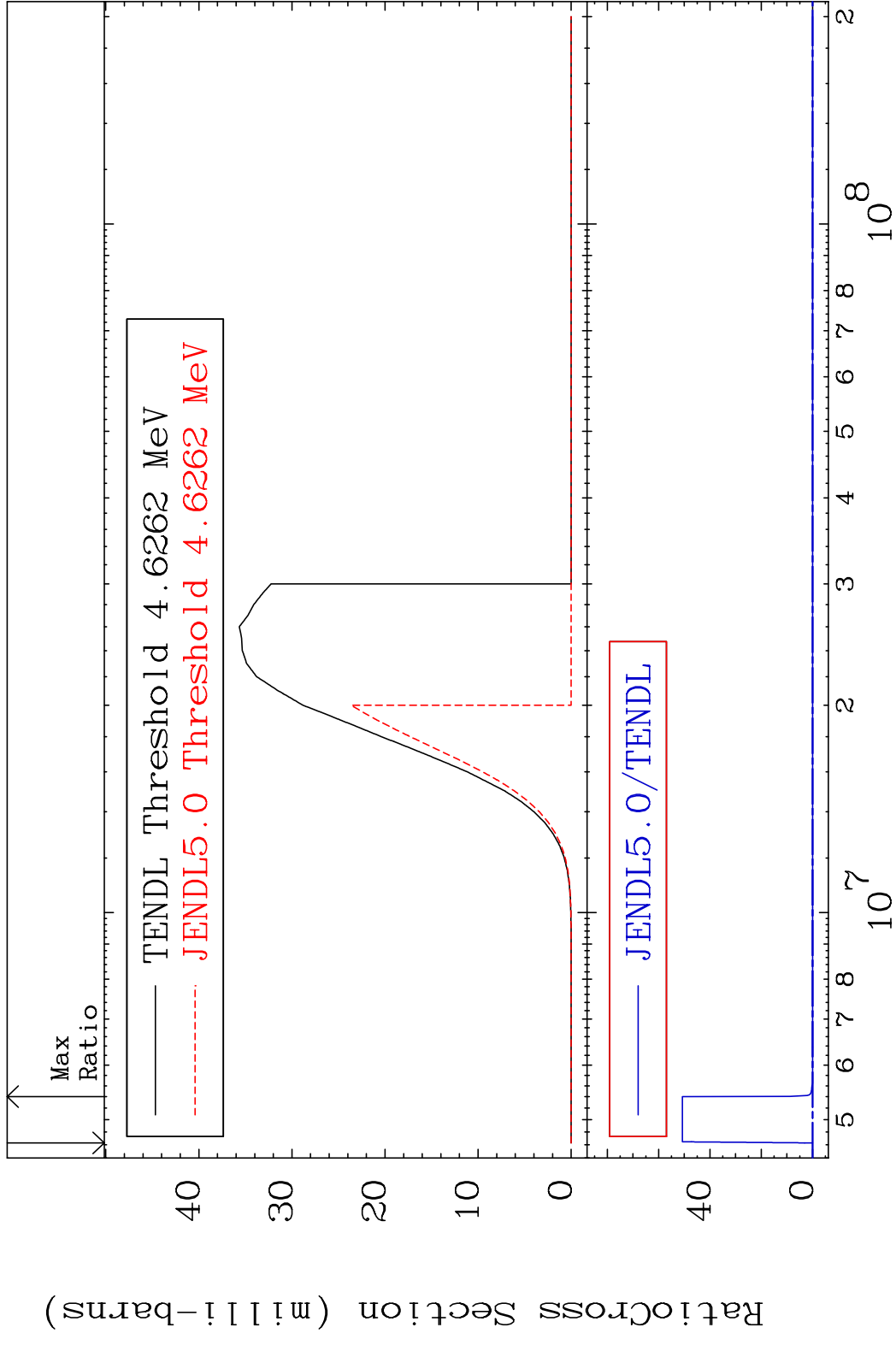


40

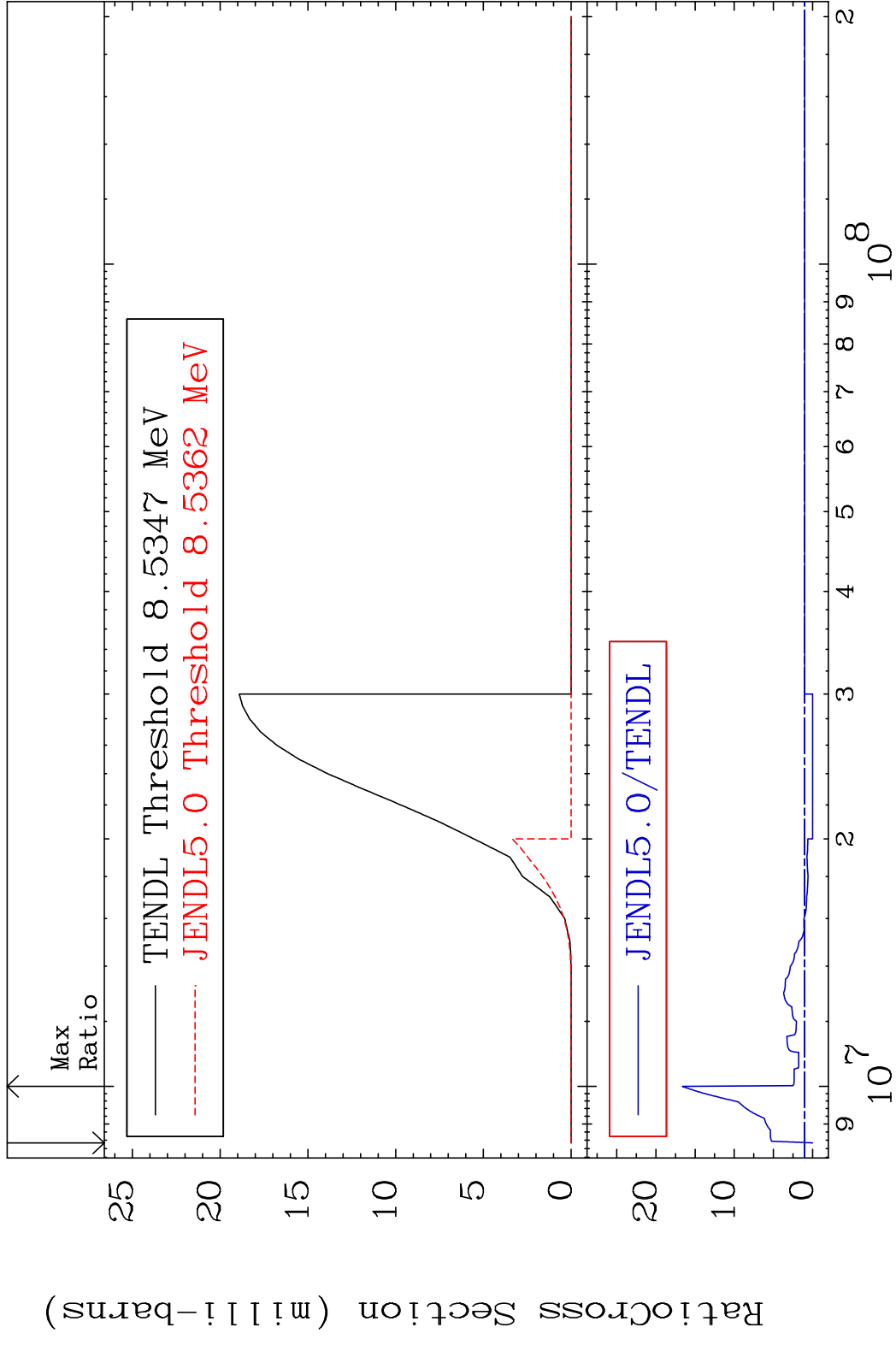
Incident Energy (eV)

50-Sn-120

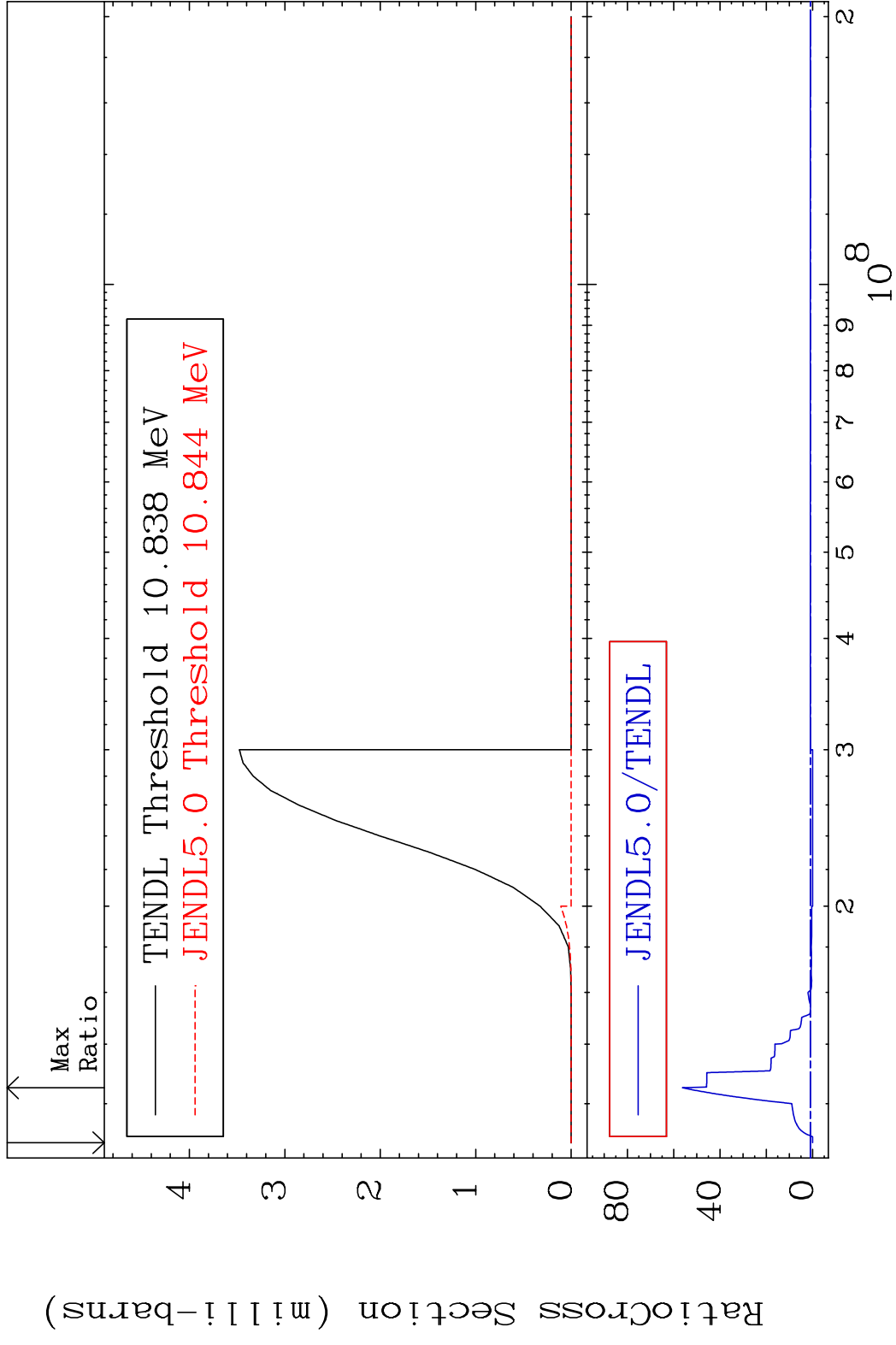
MAT 5049 (n,p) 50-Sn-120
 Cross Section -100.0 To 9999. %



MAT 5049 (n,d) 50-Sn-120
 Cross Section -100.0 To 1562. %



MAT 5049 (n, t) 50-Sn-120
 Cross Section -100.0 To 5524. %

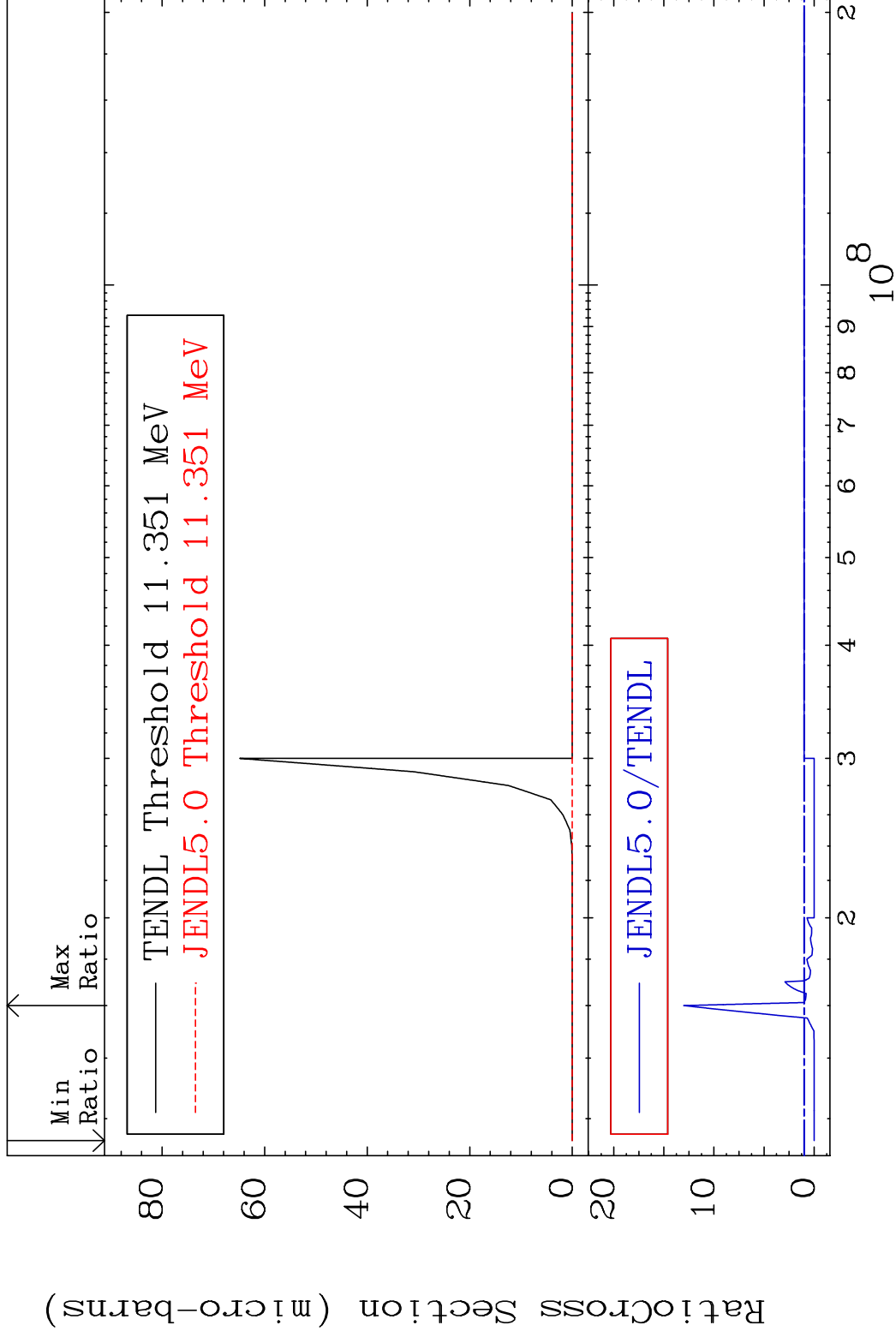


MAT 5049

(n, He-3)

50-Sn-120

Cross Section -100.0 To 1202. %



44

Incident Energy (eV)

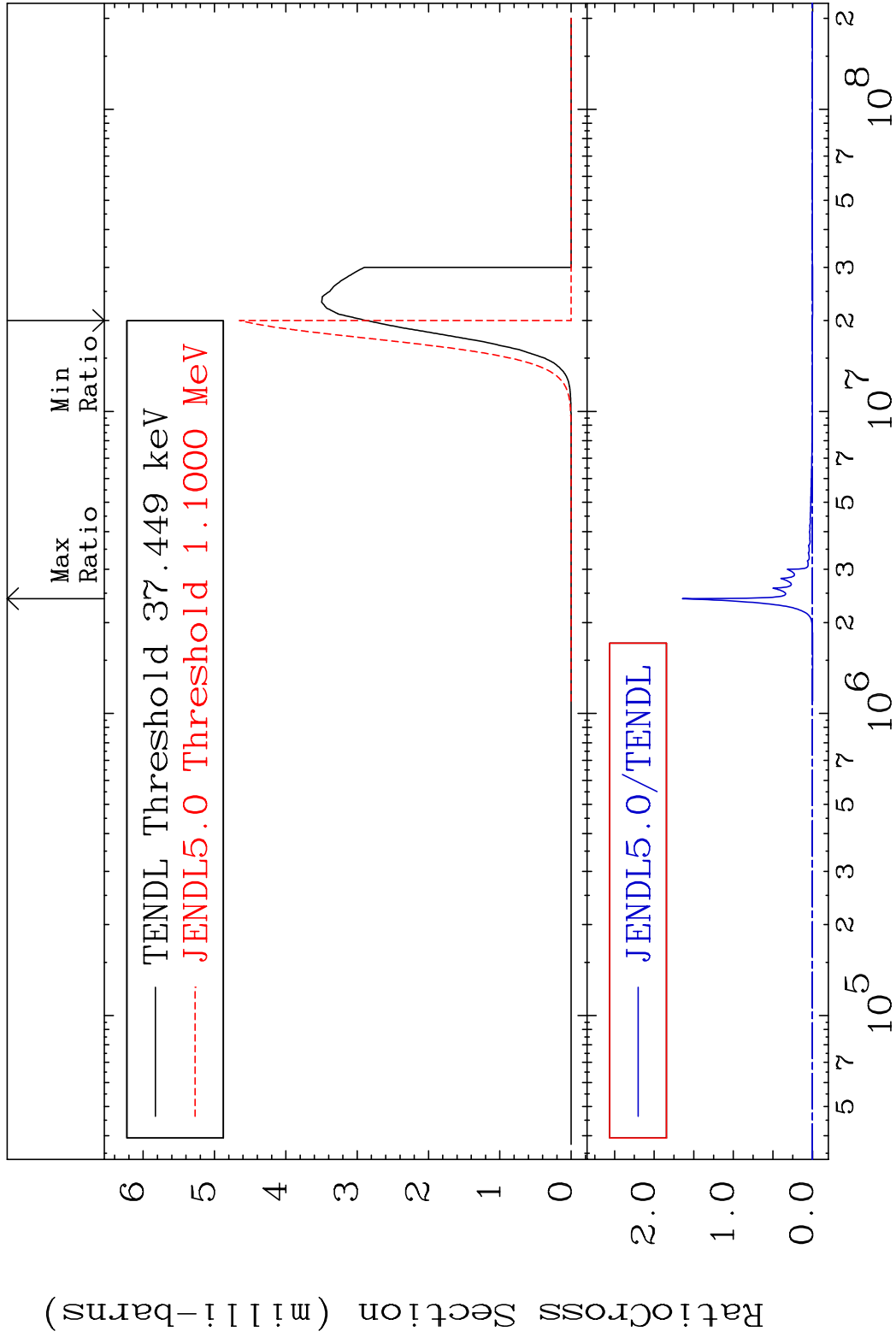
50-Sn-120

MAT 5049

(n, α)

50-Sn-120

Cross Section -100.0 To 9999. %

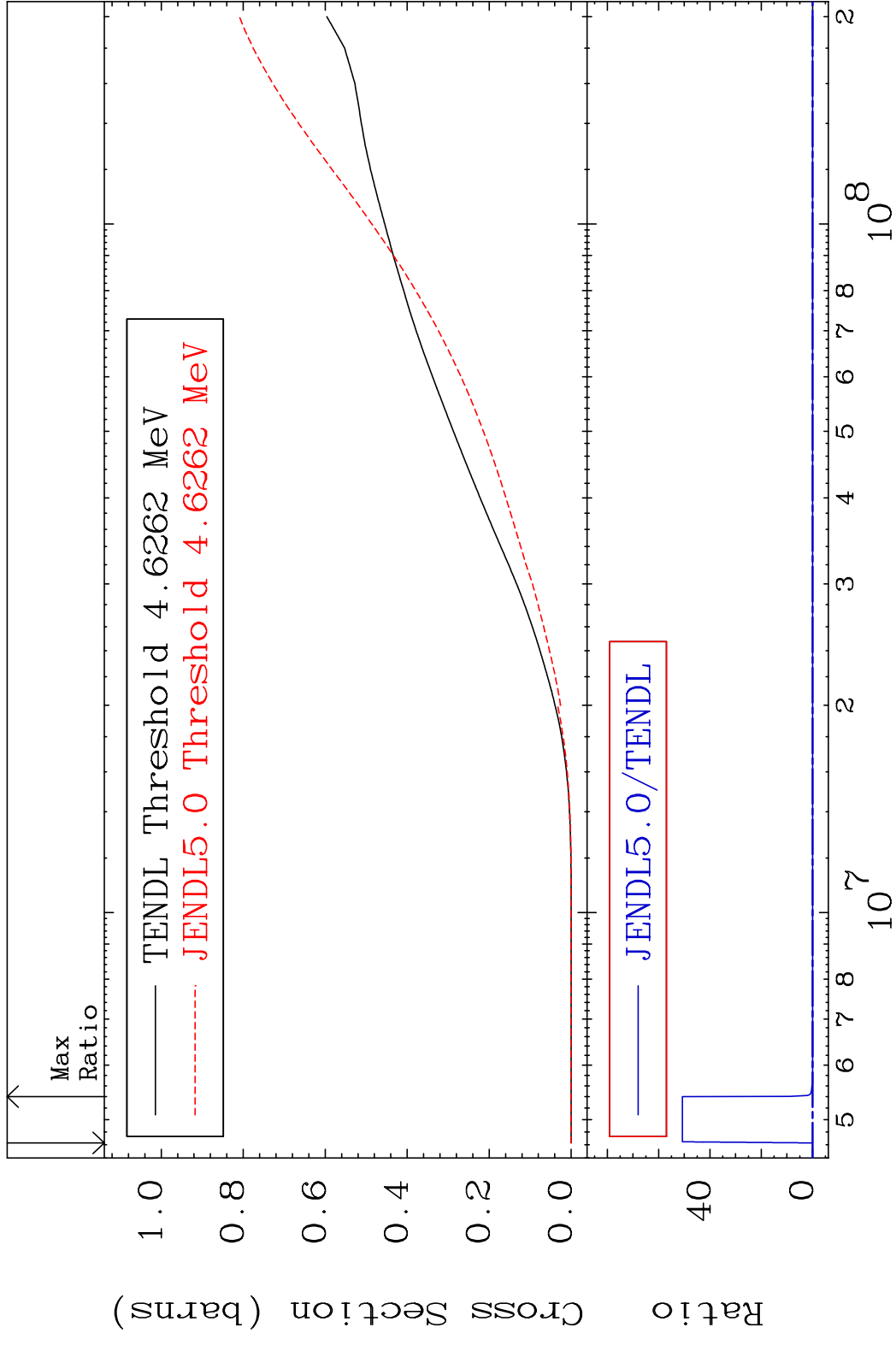


45

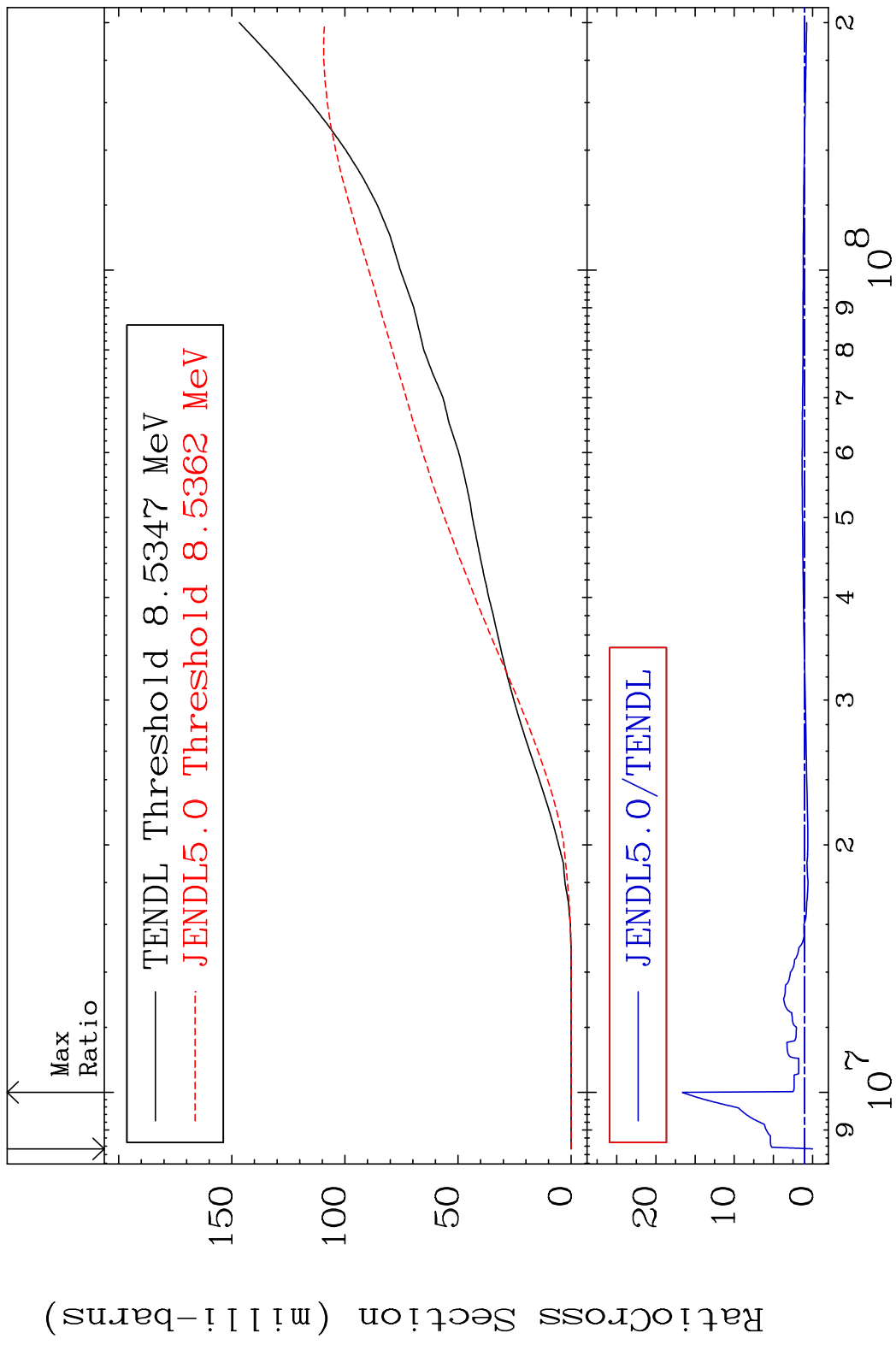
Incident Energy (eV)

50-Sn-120

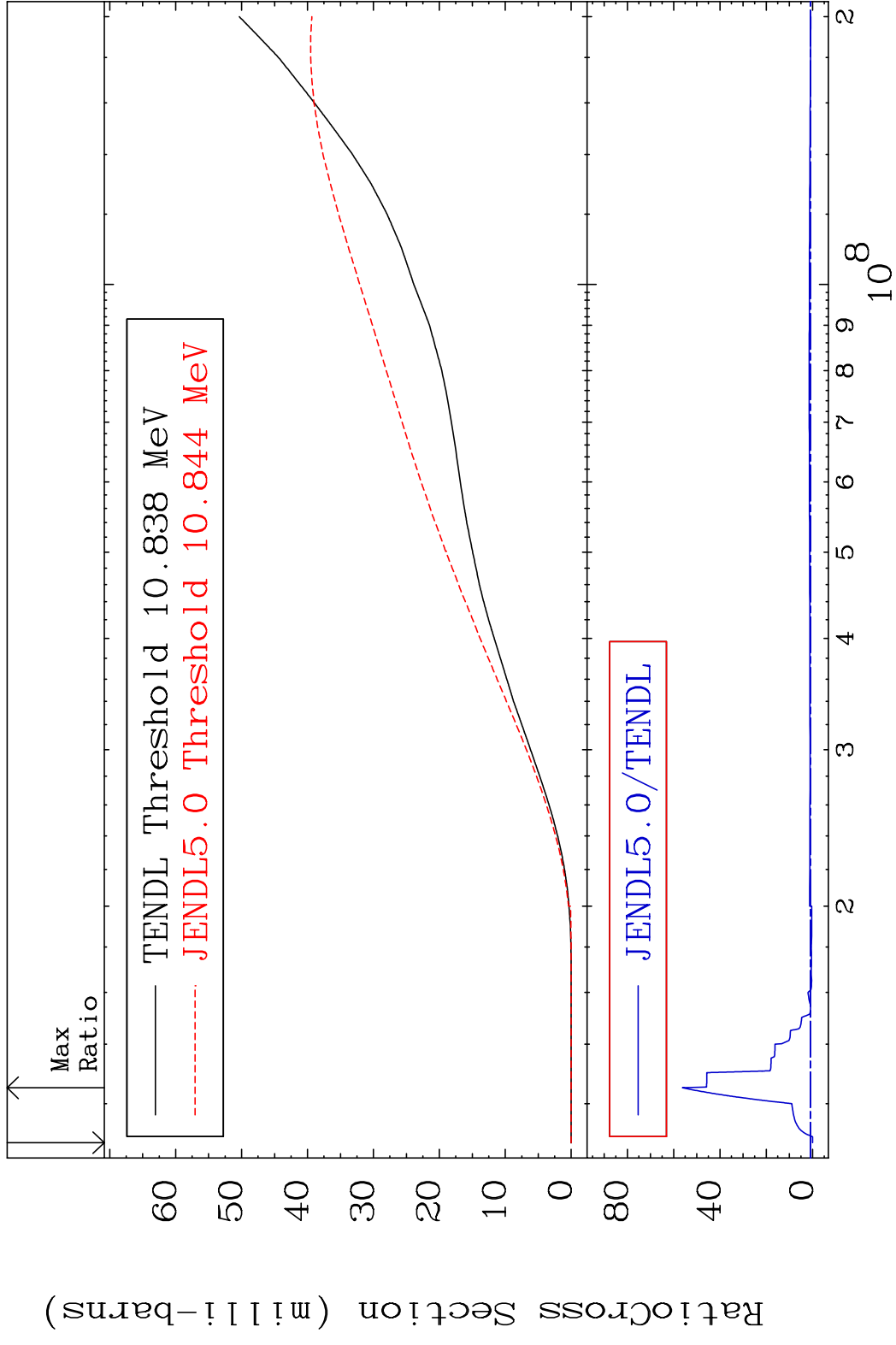
MAT 5049 Hydrogen Production 50-Sn-120
 Cross Section -100.0 To 9999. %



MAT 5049 Deuterium Production 50-Sn-120
 Cross Section -100.0 To 1562. %



MAT 5049 Tritium Production 50-Sn-120
 Cross Section -100.0 To 5524. %



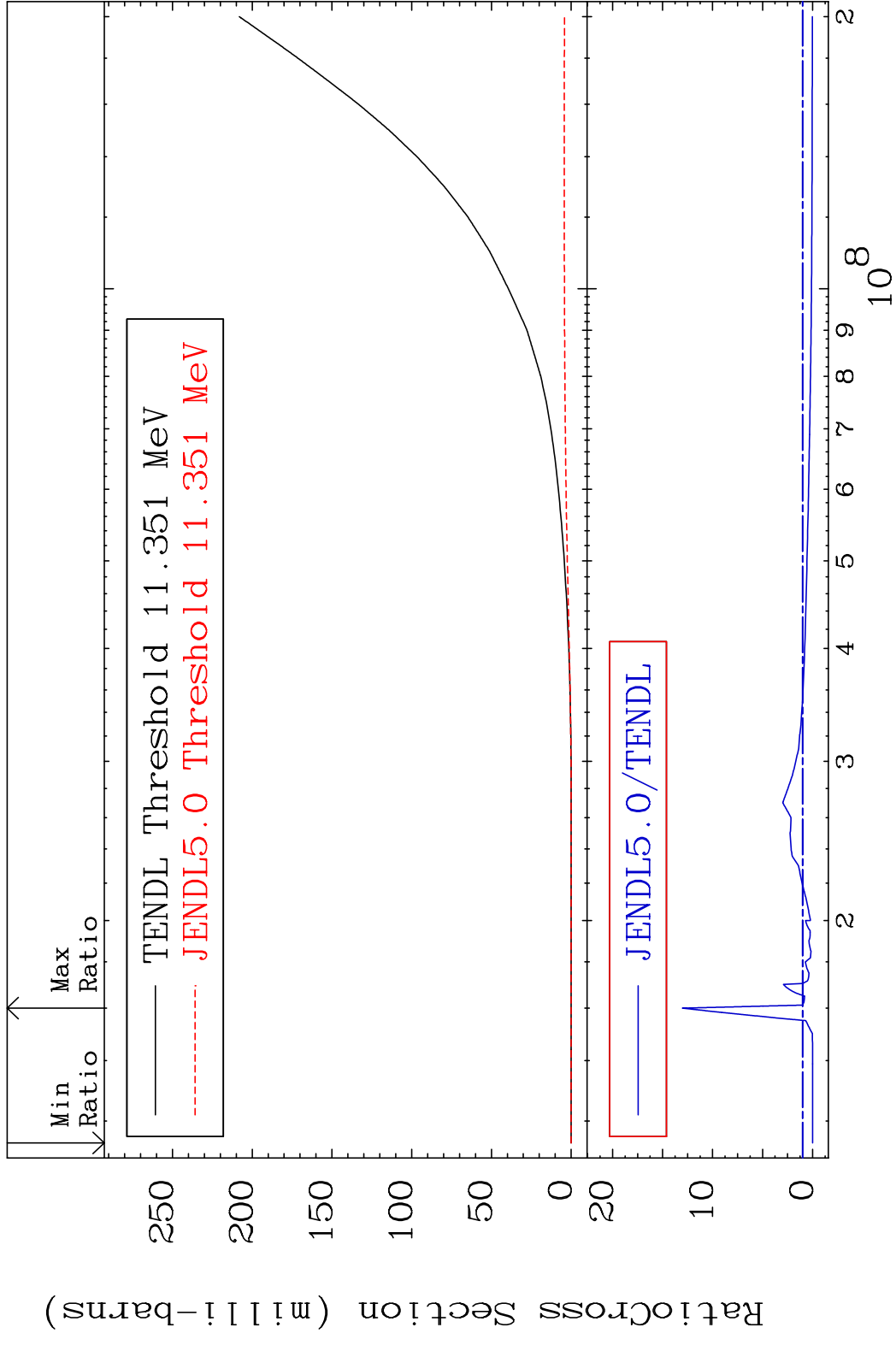
48 Incident Energy (eV) 50-Sn-120

MAT 5049

He-3 Production

50-Sn-120

Cross Section -100.0 To 1202. %



49

Incident Energy (eV)

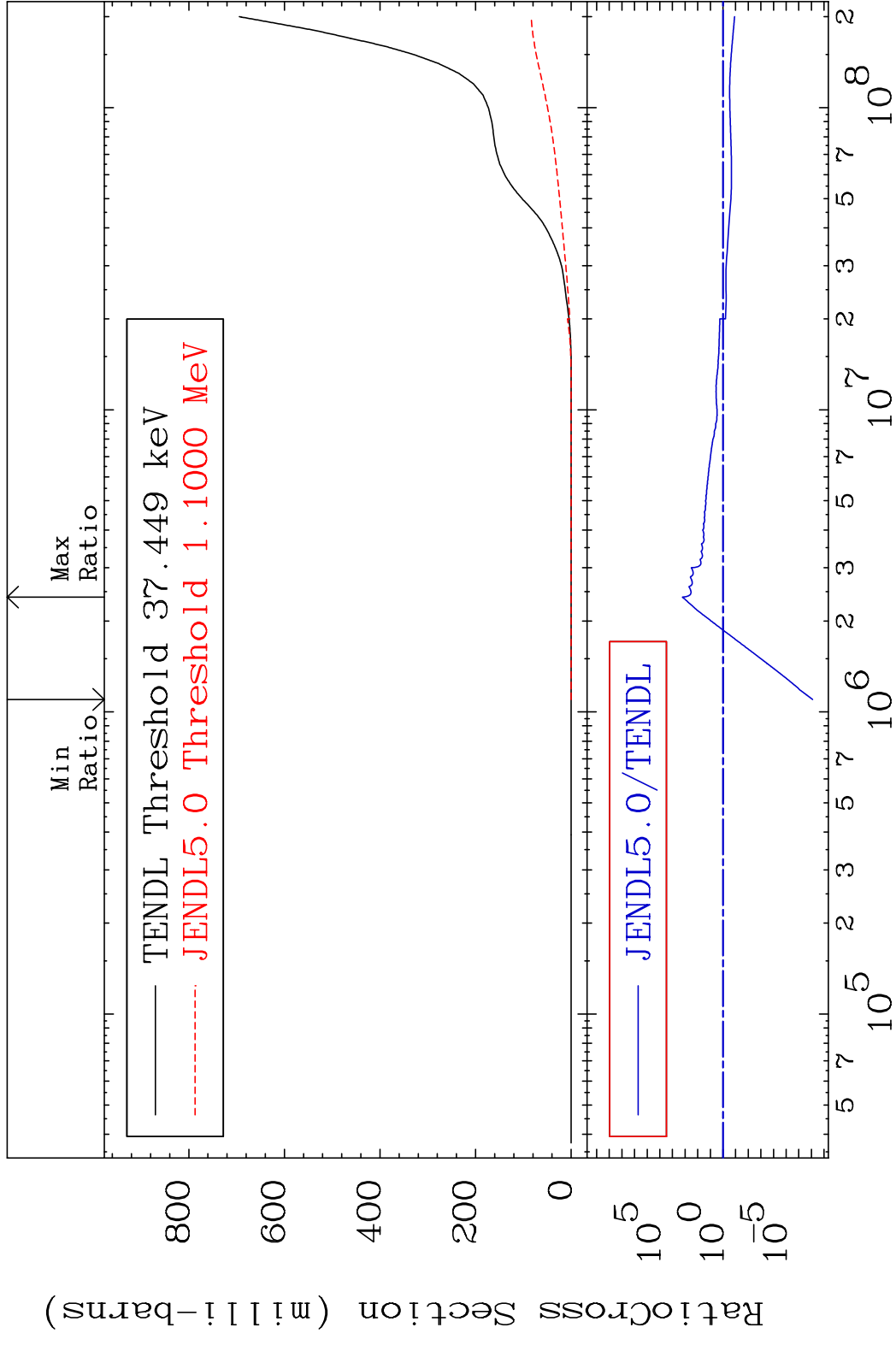
50-Sn-120

MAT 5049

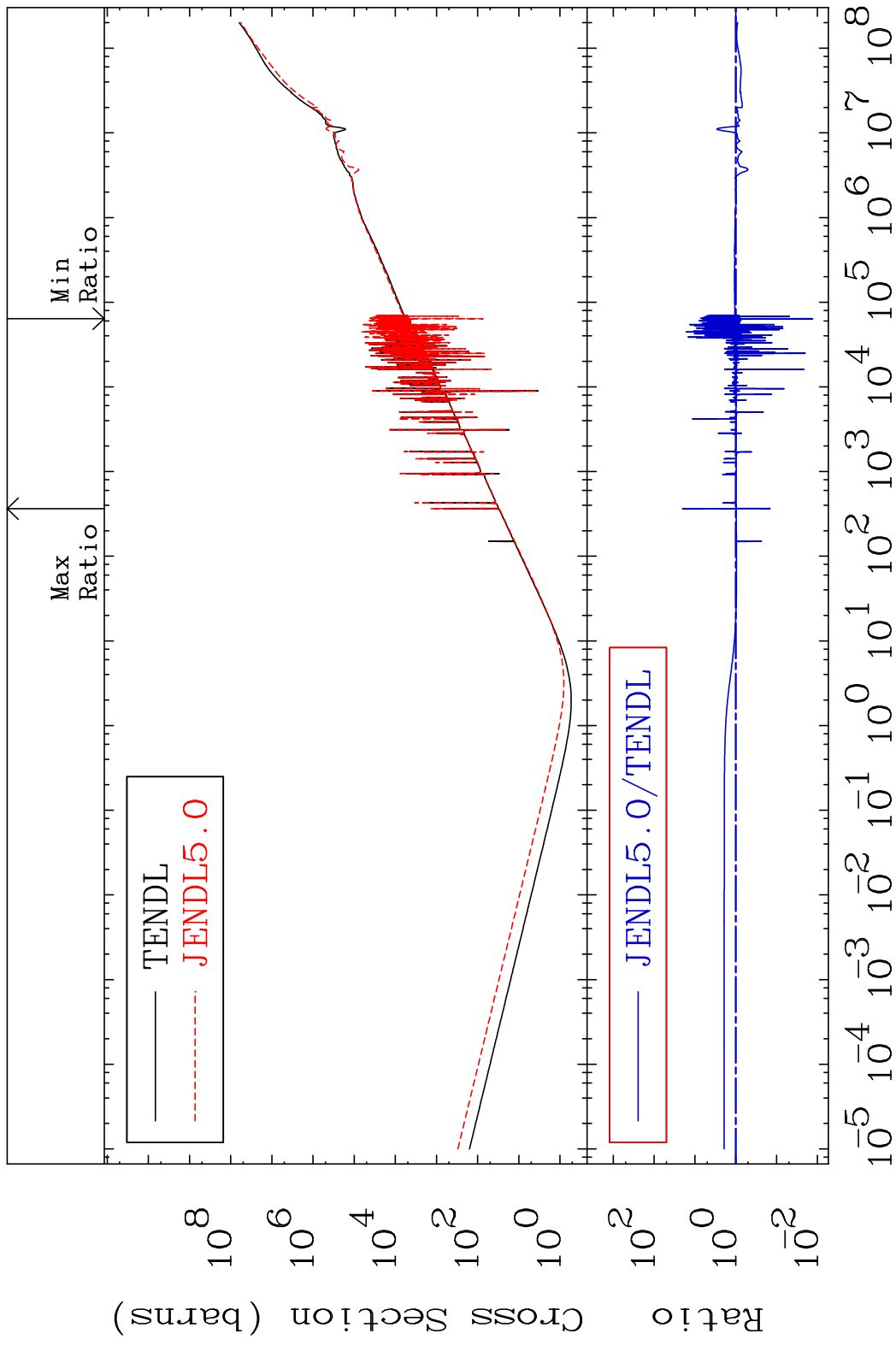
He-4 Production

50-Sn-120

Cross Section -100.0 To 9999. %



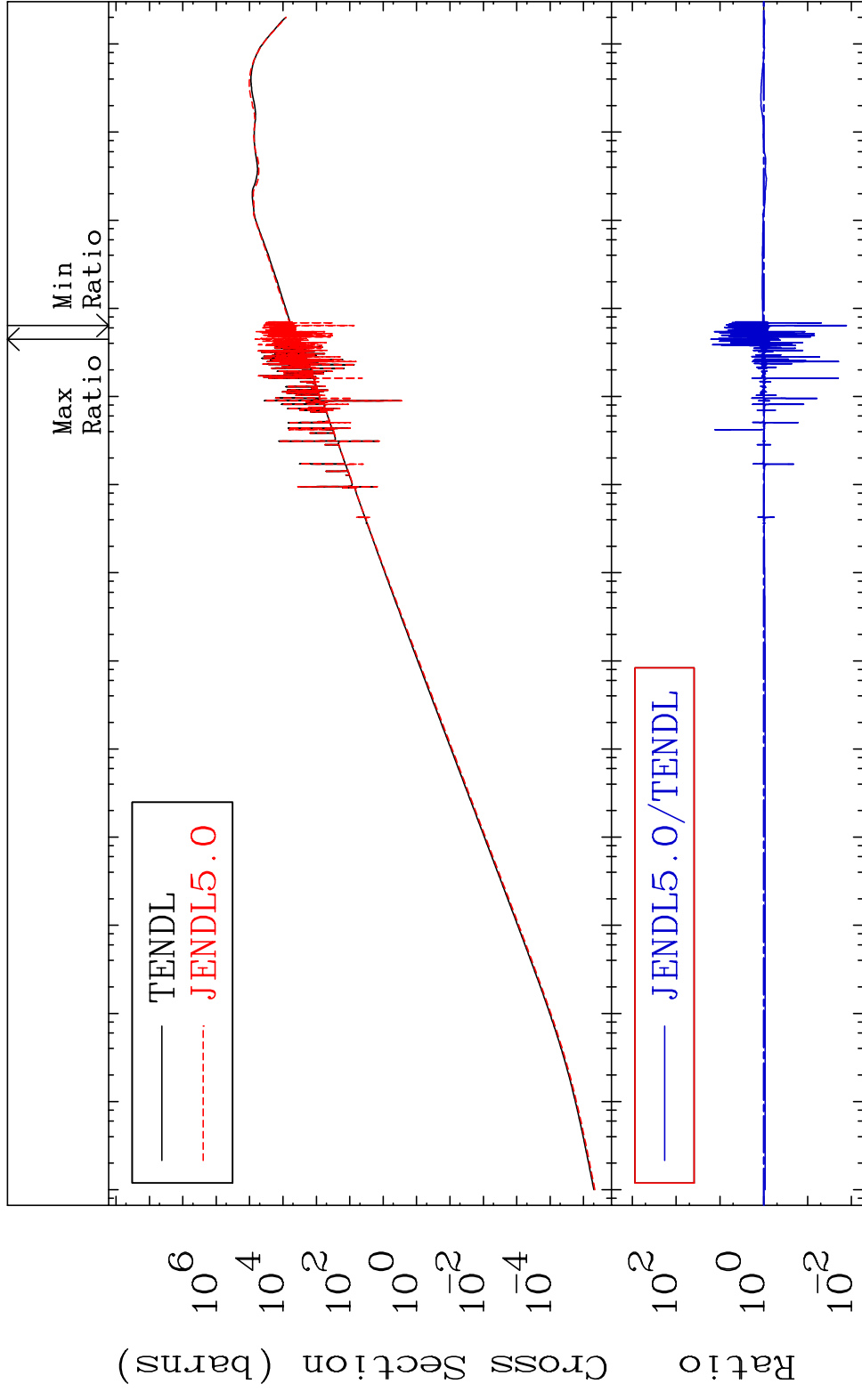
MAT 5049 Kerma total (eV-barns) 50-Sn-120
 Cross Section -98.69 To 1932. %



MAT 5049

Kerma elastic
Cross Section

50-Sn-120
-98.70 To 1522. %

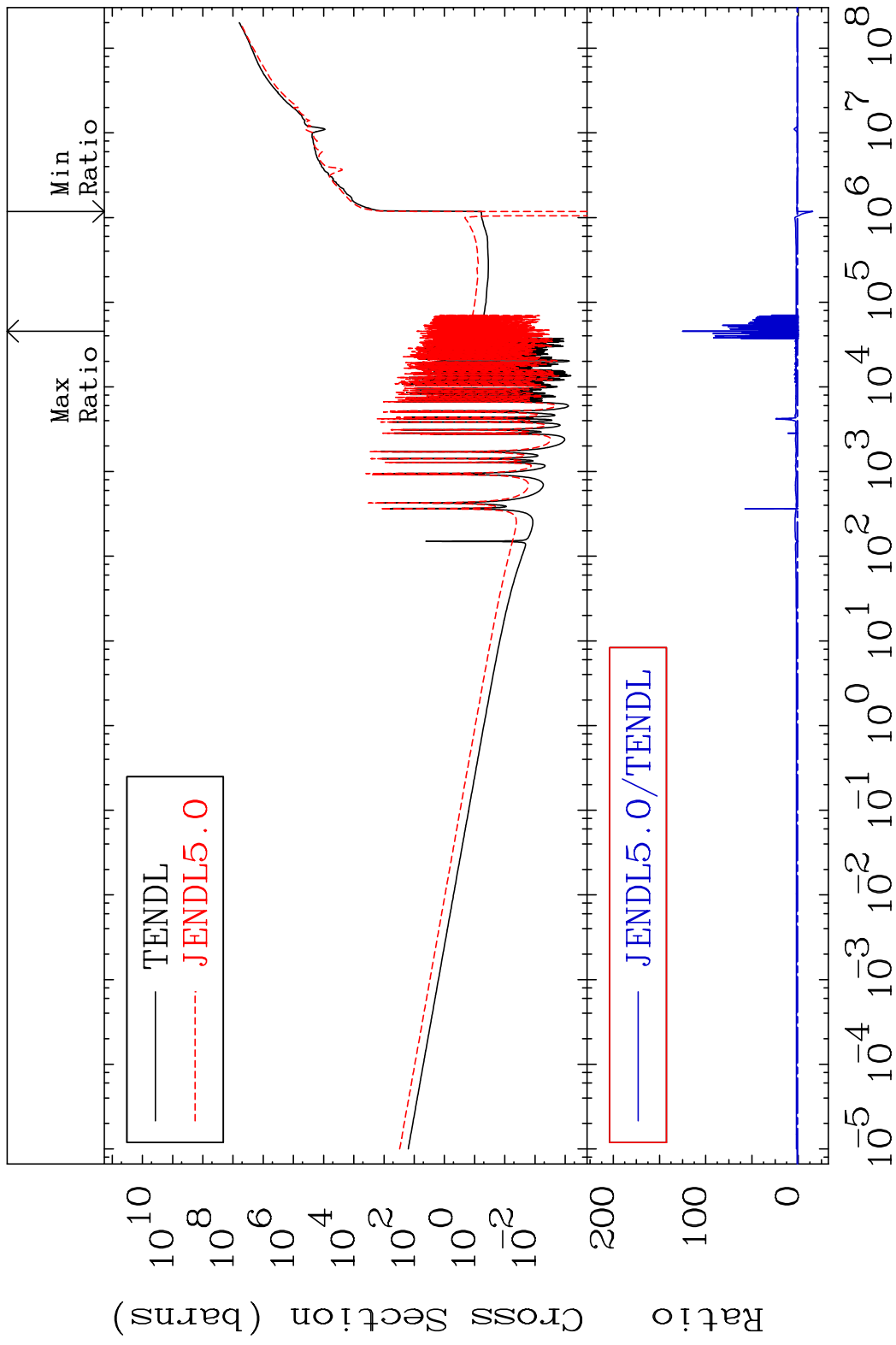


52

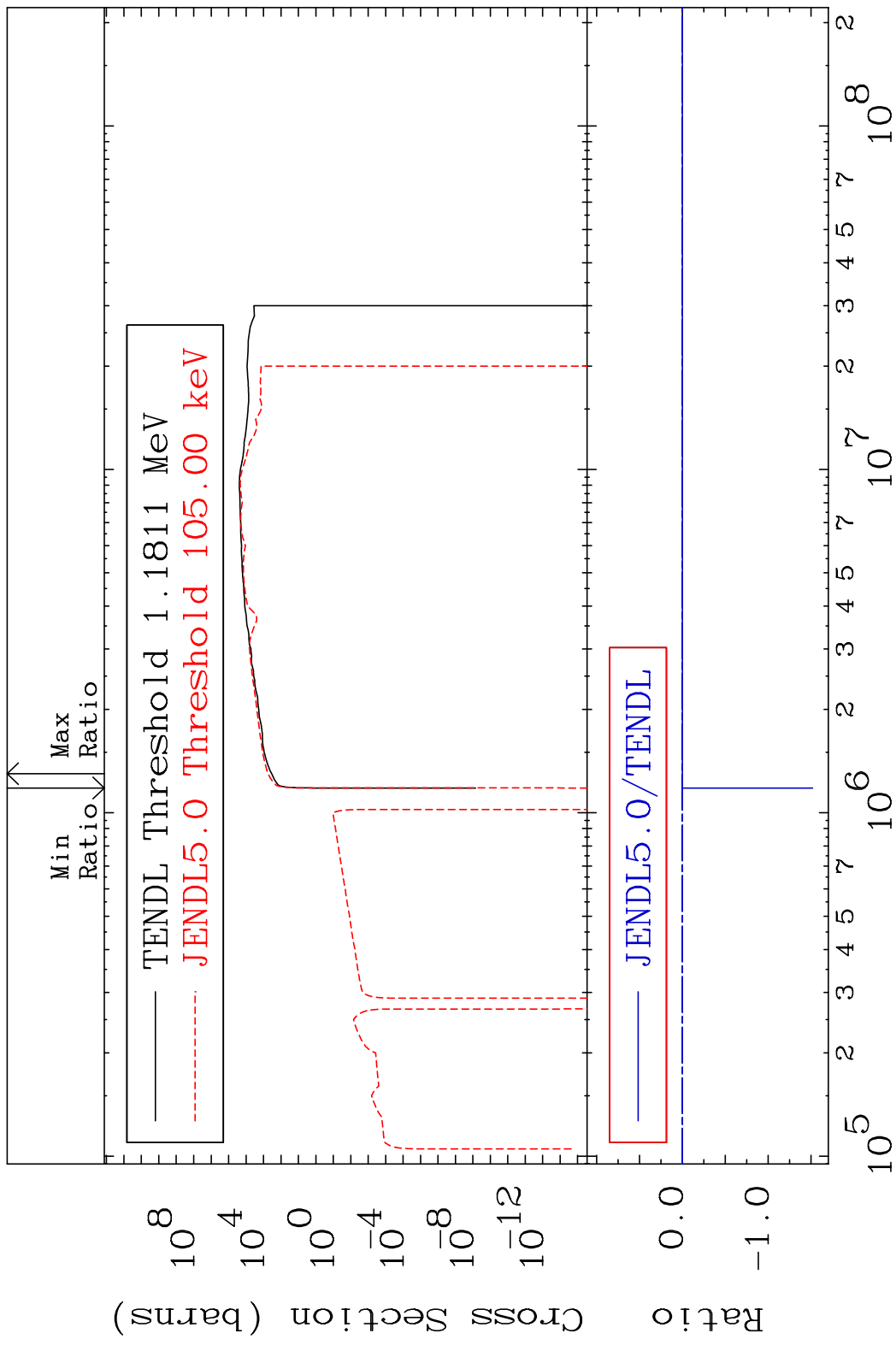
Incident Energy (eV)

50-Sn-120

MAT 5049 Kerma non-elastic (all but mt2) 50-Sn-120
 Cross Section -1645. To 9999. %

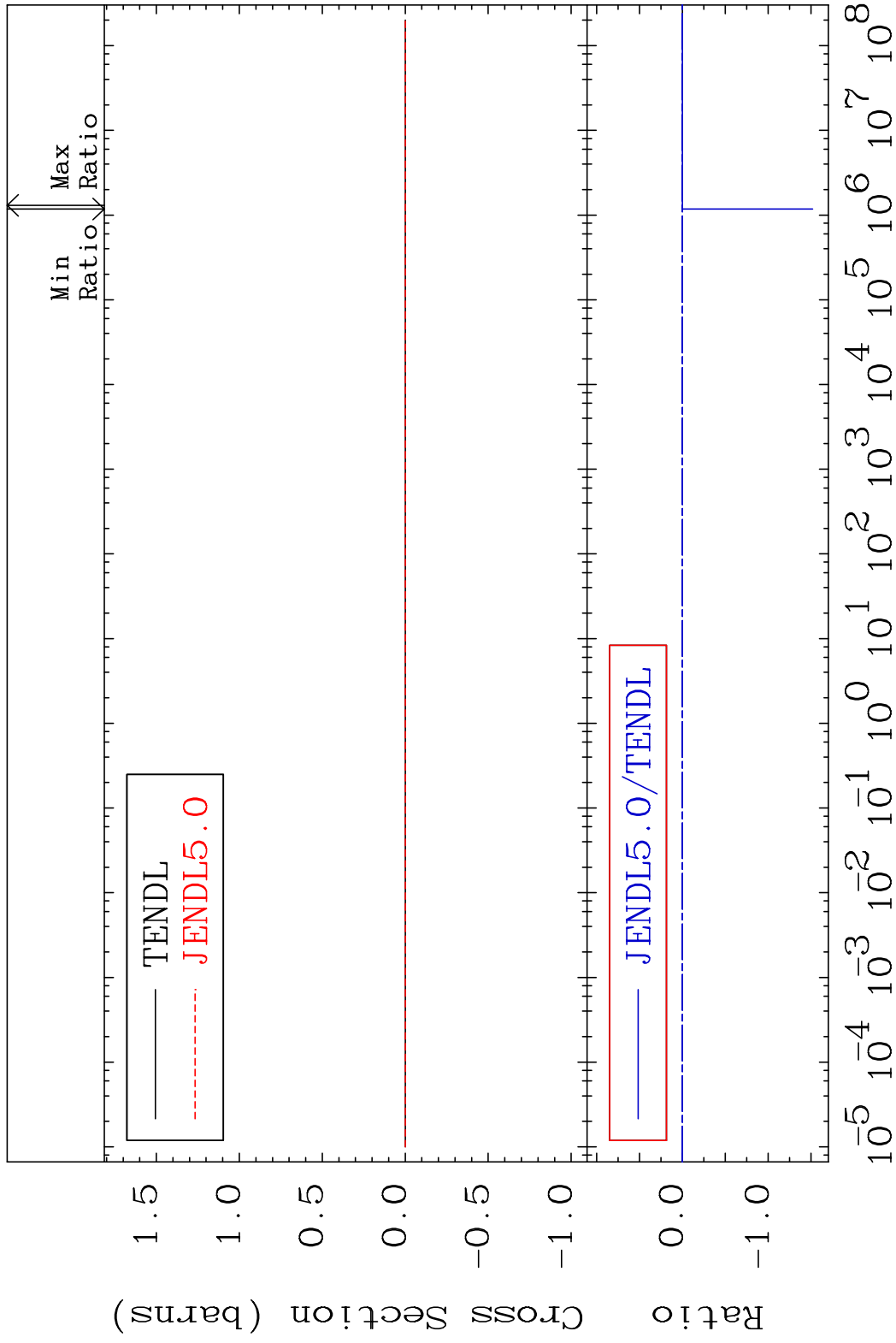


MAT 5049 Kerma inelastic (mt51-91) 50-Sn-120
 Cross Section -9999. To 63.89 %

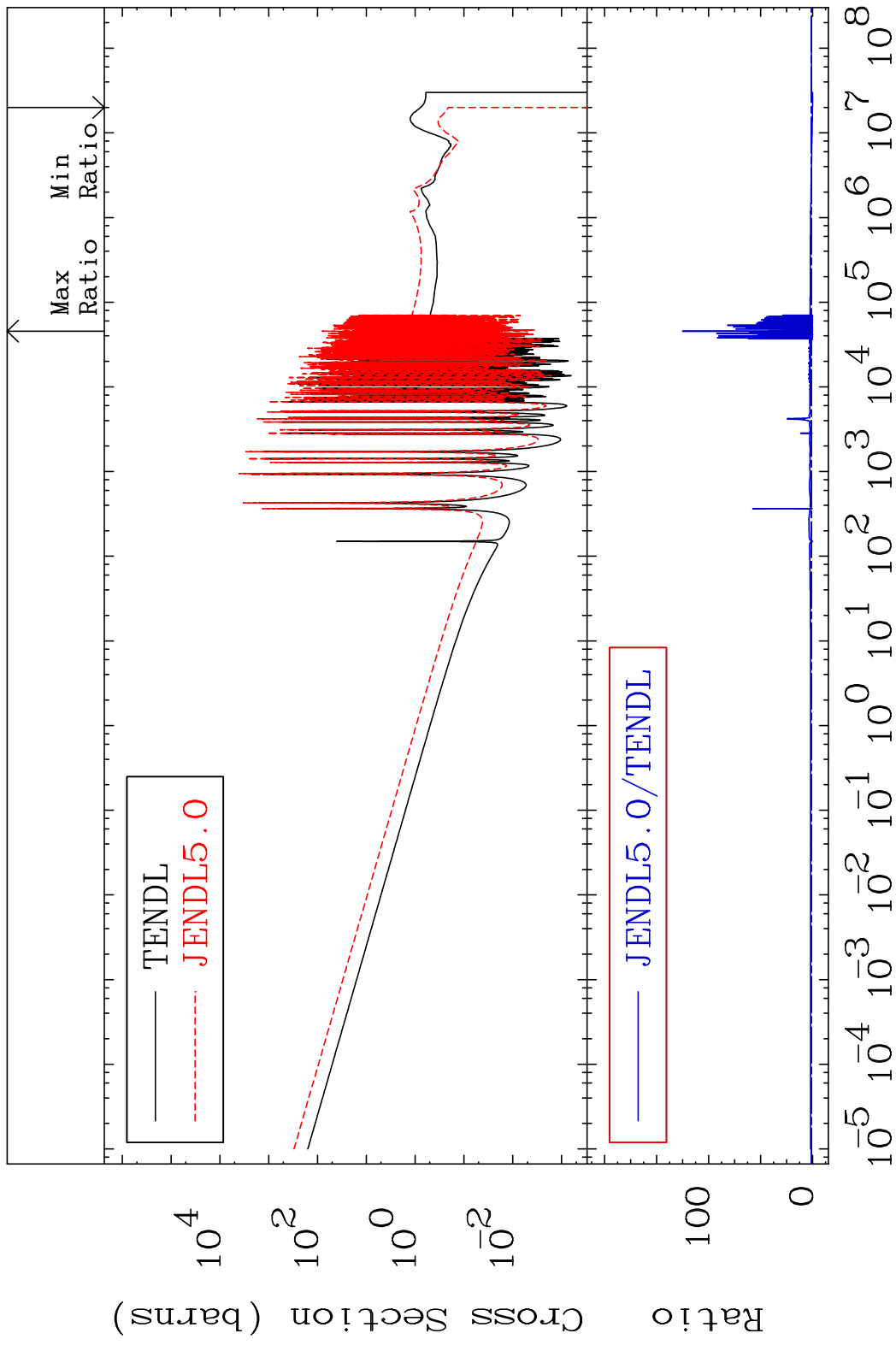


54 Incident Energy (eV) 50-Sn-120

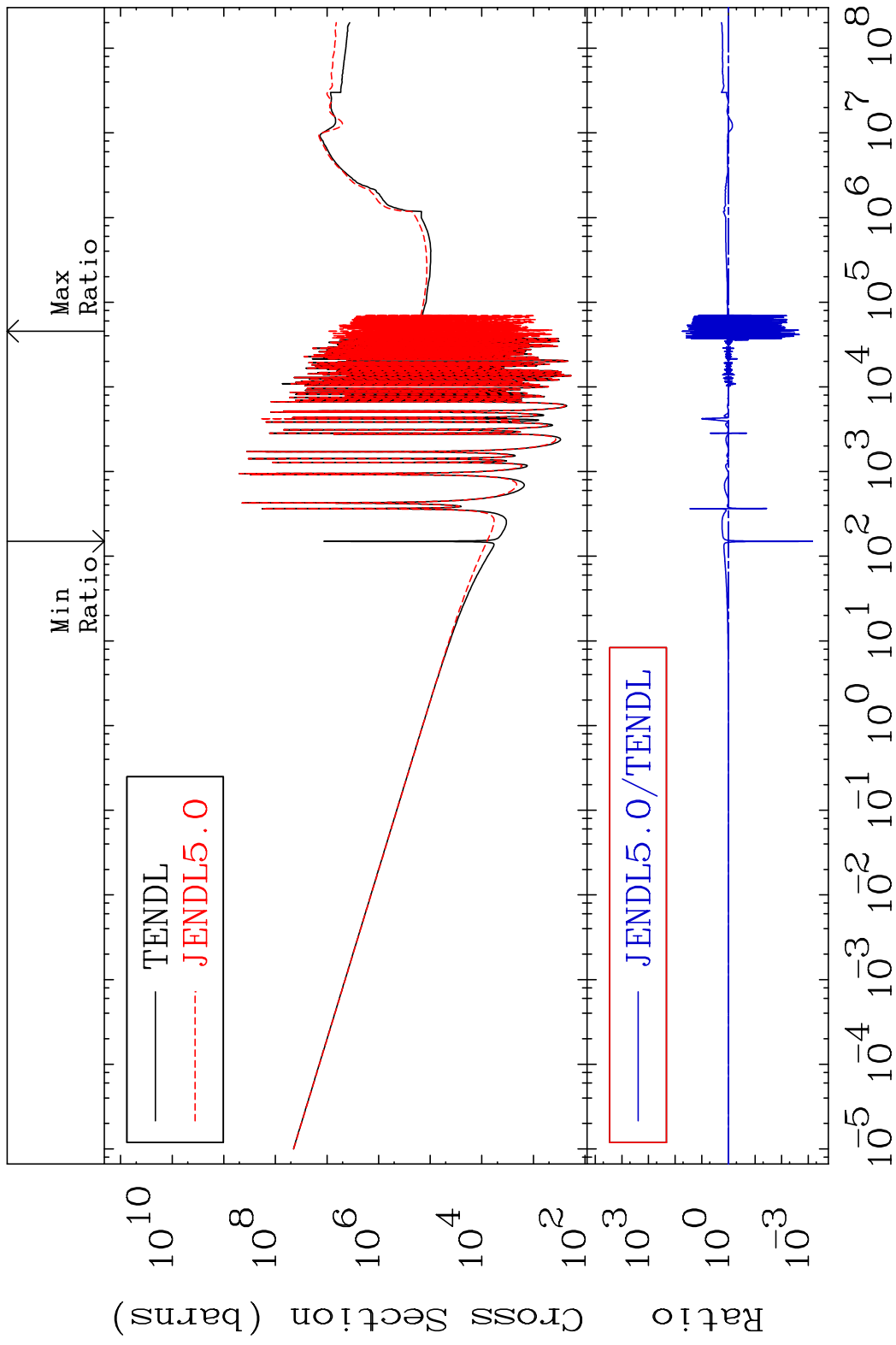
MAT 5049 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-120
 Cross Section -9999. To 63.89 %



MAT 5049 Kerma capture (mt102) 50-Sn-120
 Cross Section -100.0 To 9999. %

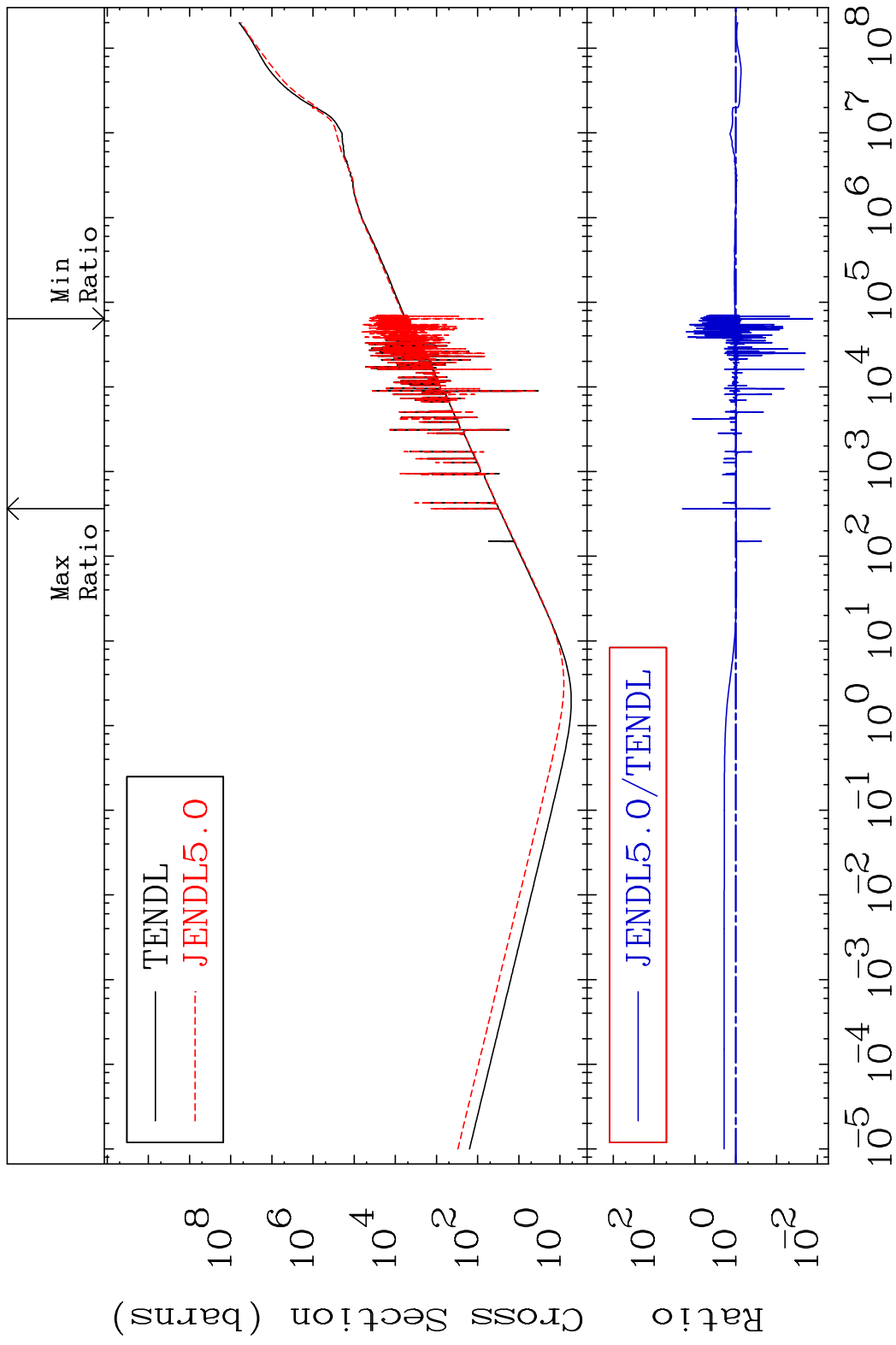


MAT 5049 Total photon (eV-barns) 50-Sn-120
 Cross Section -99.93 To 5264. %



57 50-Sn-120

MAT 5049 Total kinematic kerma (high limit) 50-Sn-120
 Cross Section -98.69 To 1932. %

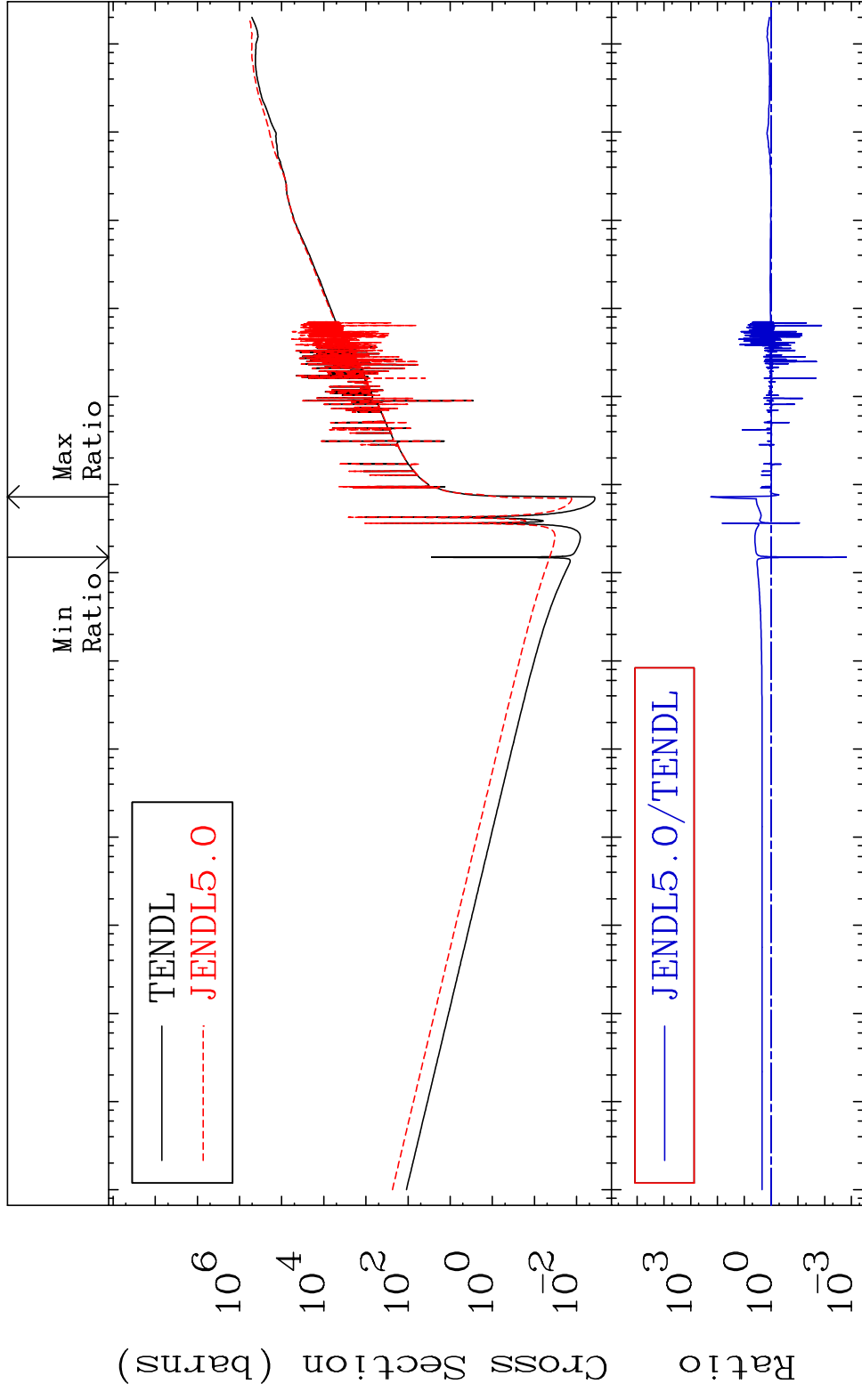


MAT 5049

Dpa total (eV-barns)

50-Sn-120

Cross Section -99.84 To 9999. %



59

Incident Energy (eV)

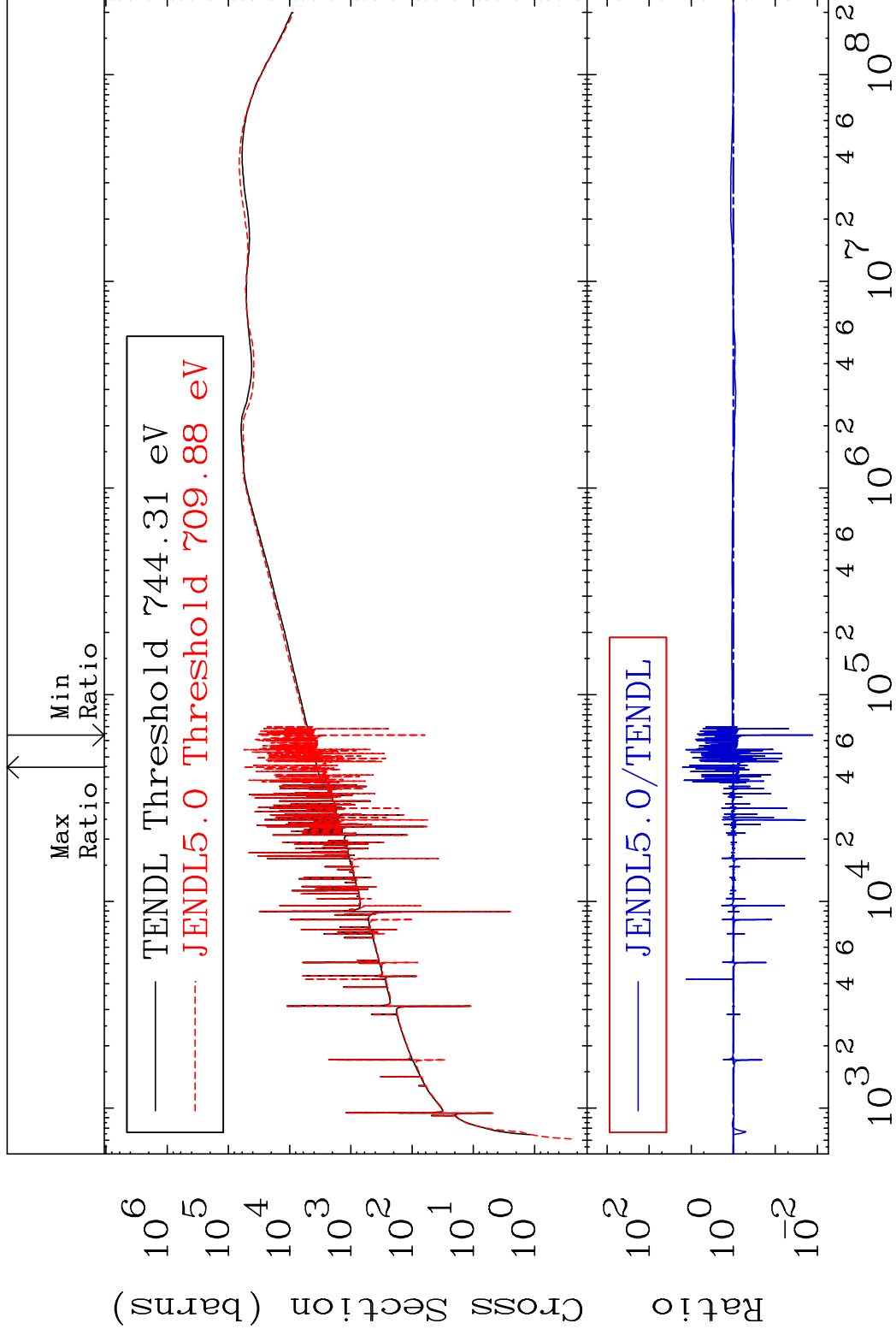
50-Sn-120

MAT 5049

Dpa elastic (mt2)

50-Sn-120

Cross Section -98.70 To 1521. %

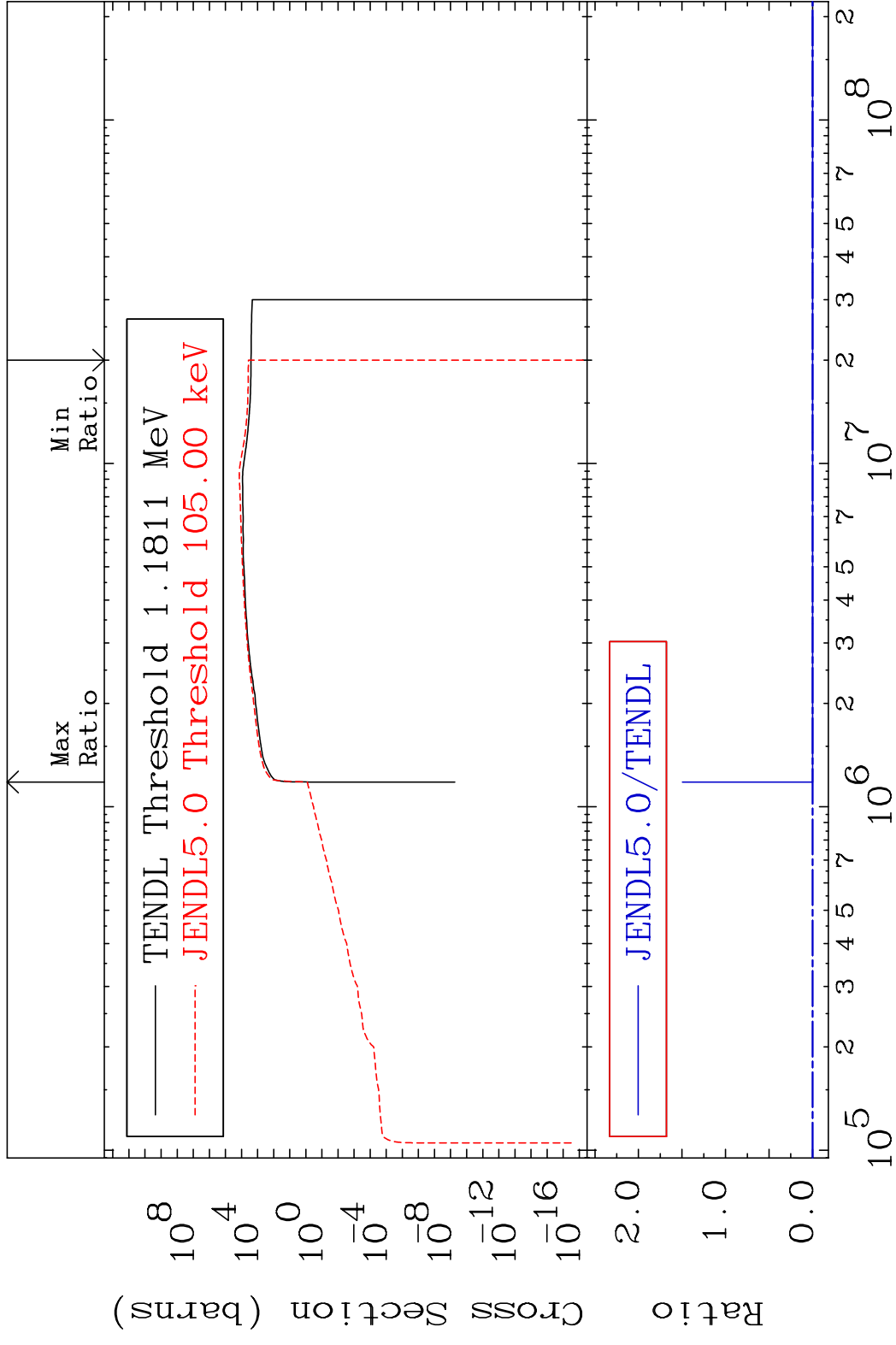


60

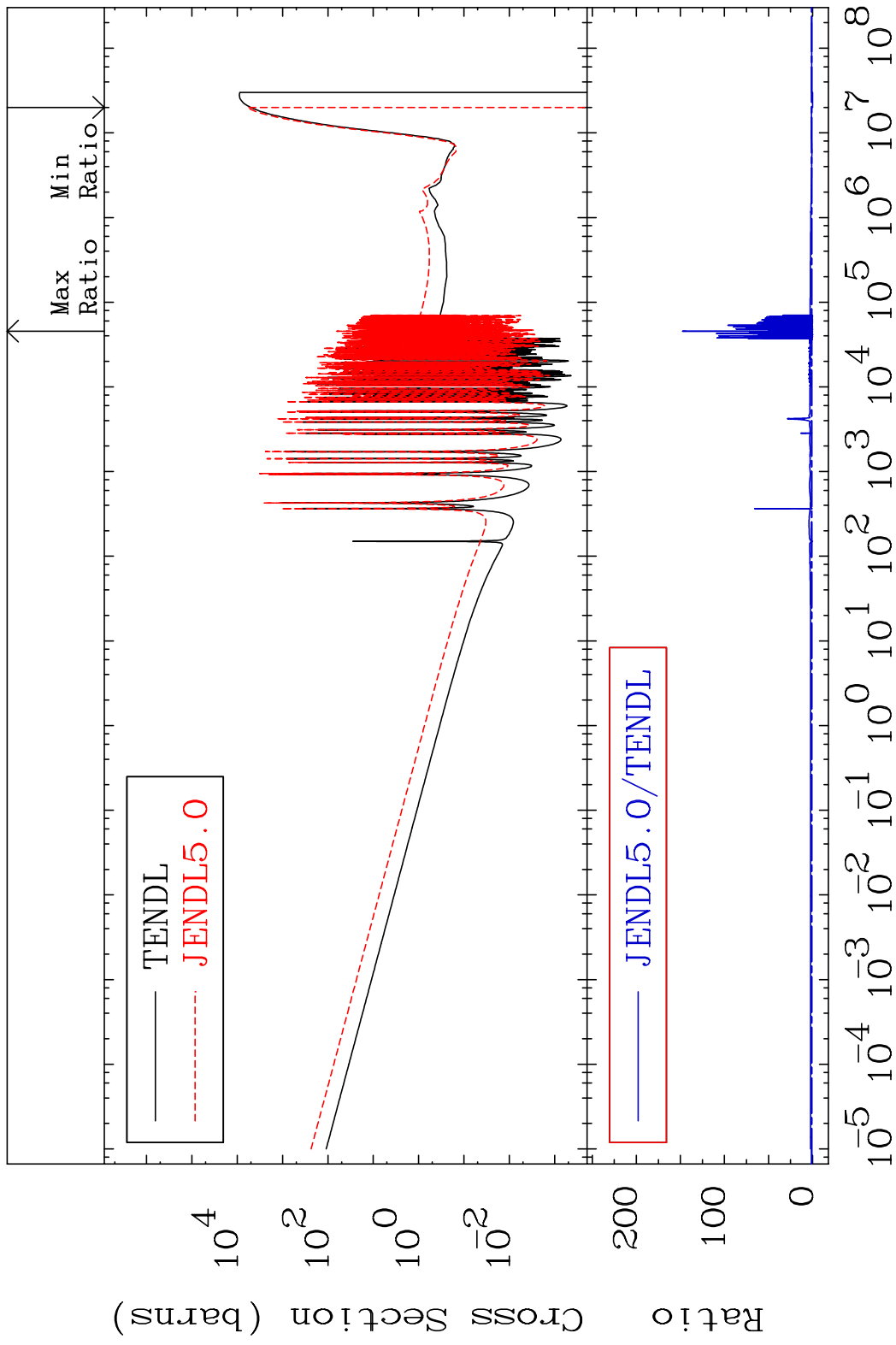
Incident Energy (eV)

50-Sn-120

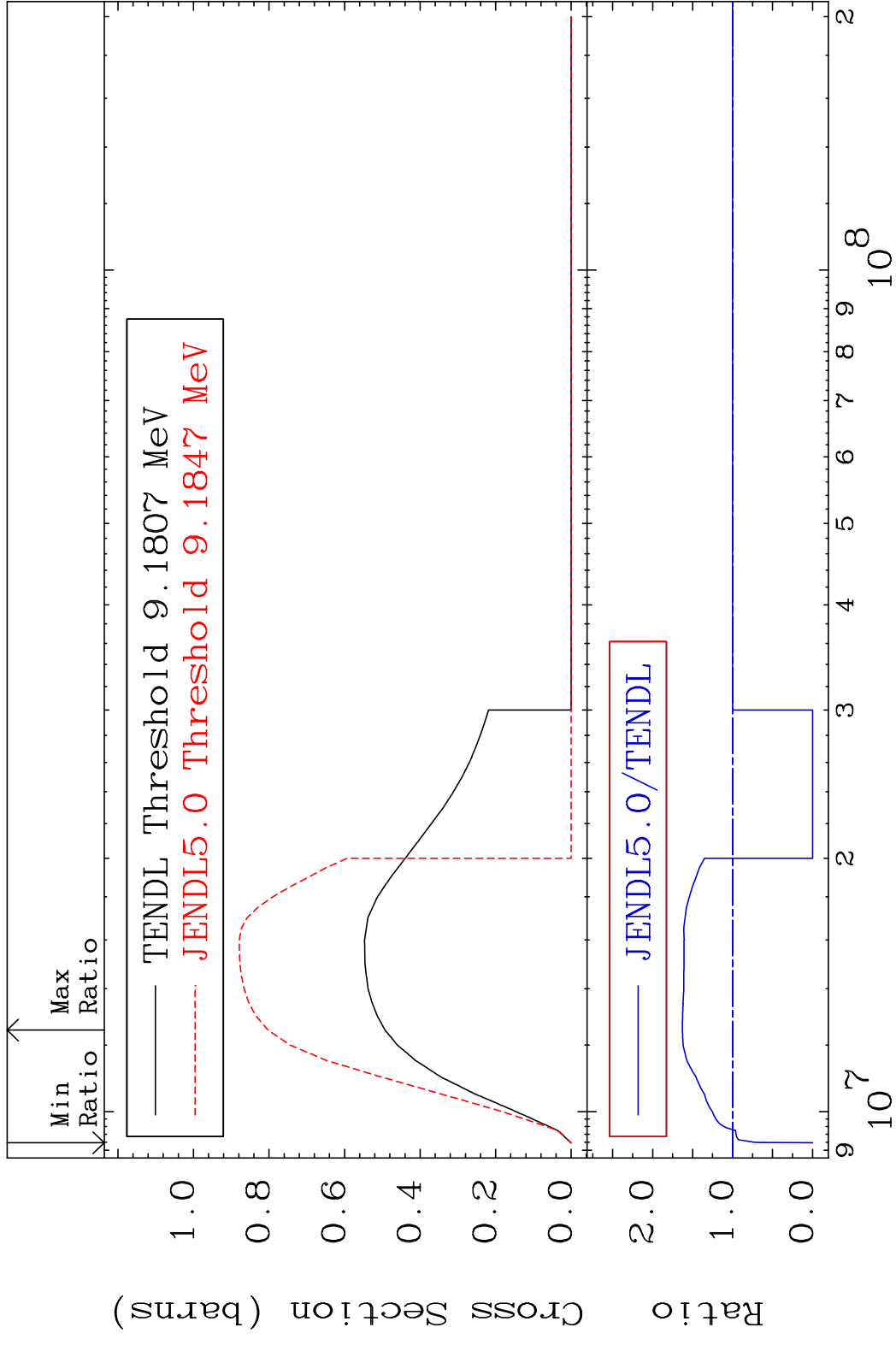
MAT 5049 Dpa inelastic (mt51-91) 50-Sn-120
 Cross Section -100.0 To 9999. %



MAT 5049 Dpa disappearance (mt102 -120) 50-Sn-120
 Cross Section -100.0 To 9999. %

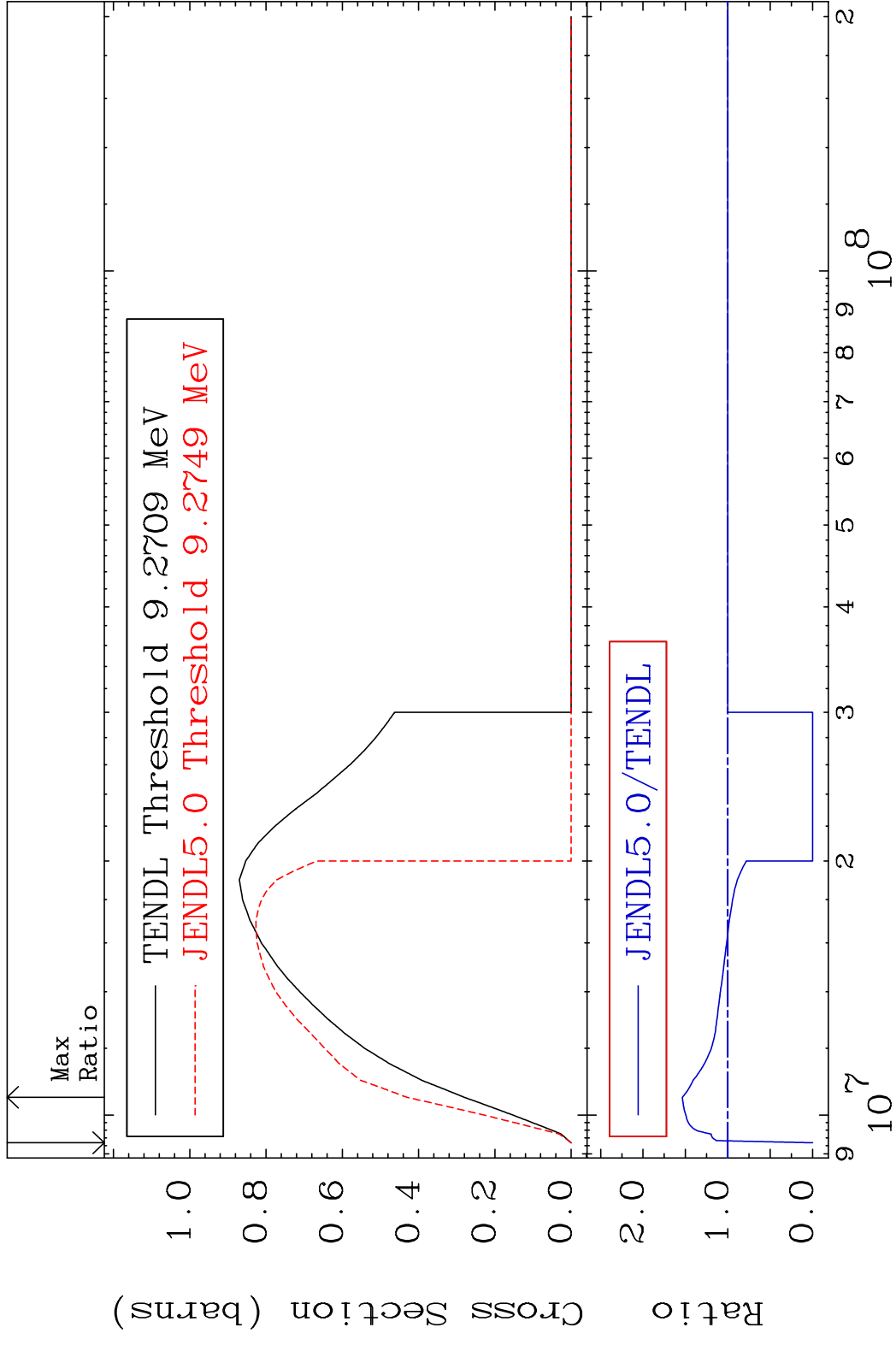


MAT 5049 (n,2n):50-Sn-119g 50-Sn-120
 Radionuclide Production Cross Section to Ratio 62.83 %

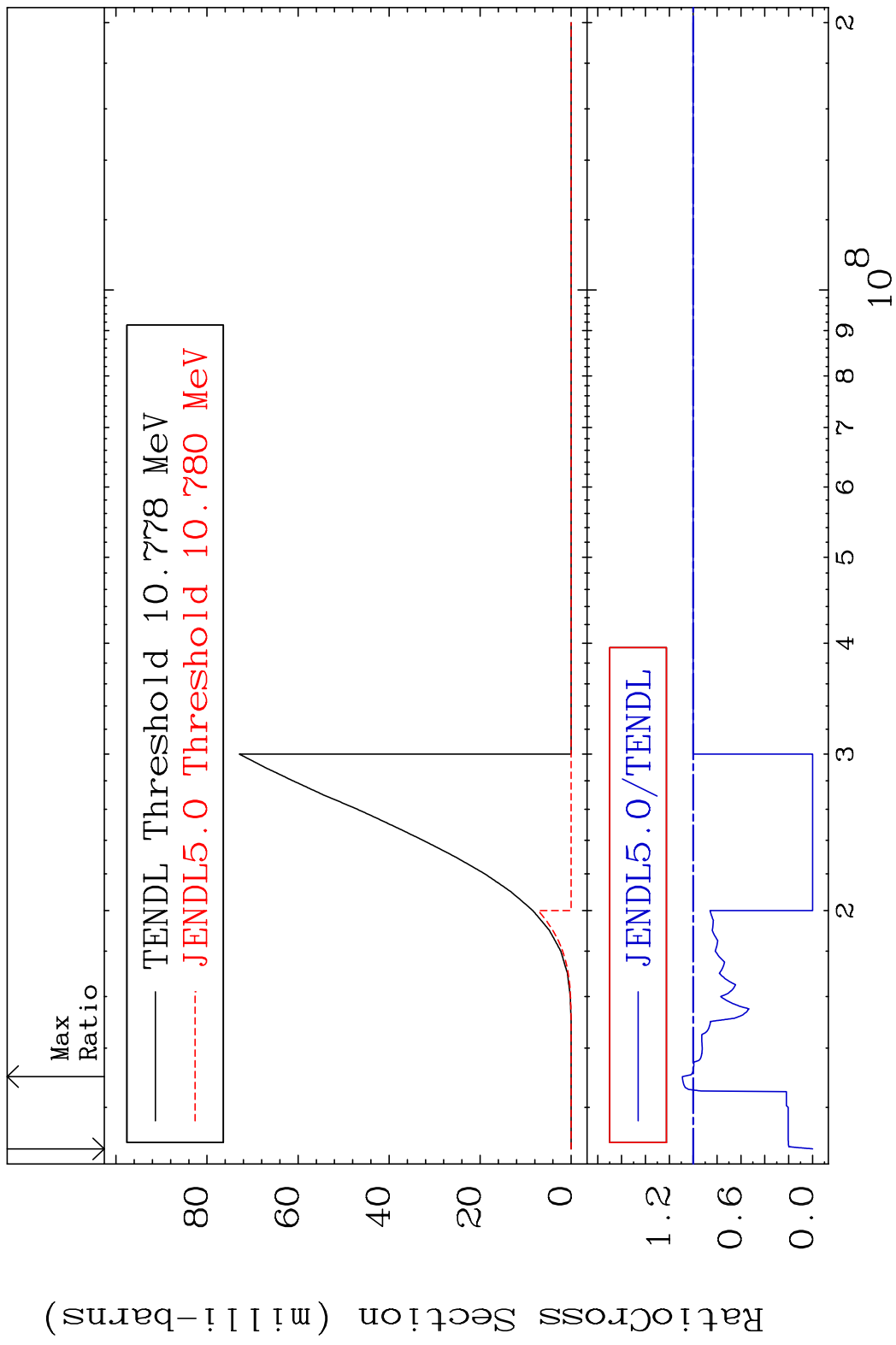


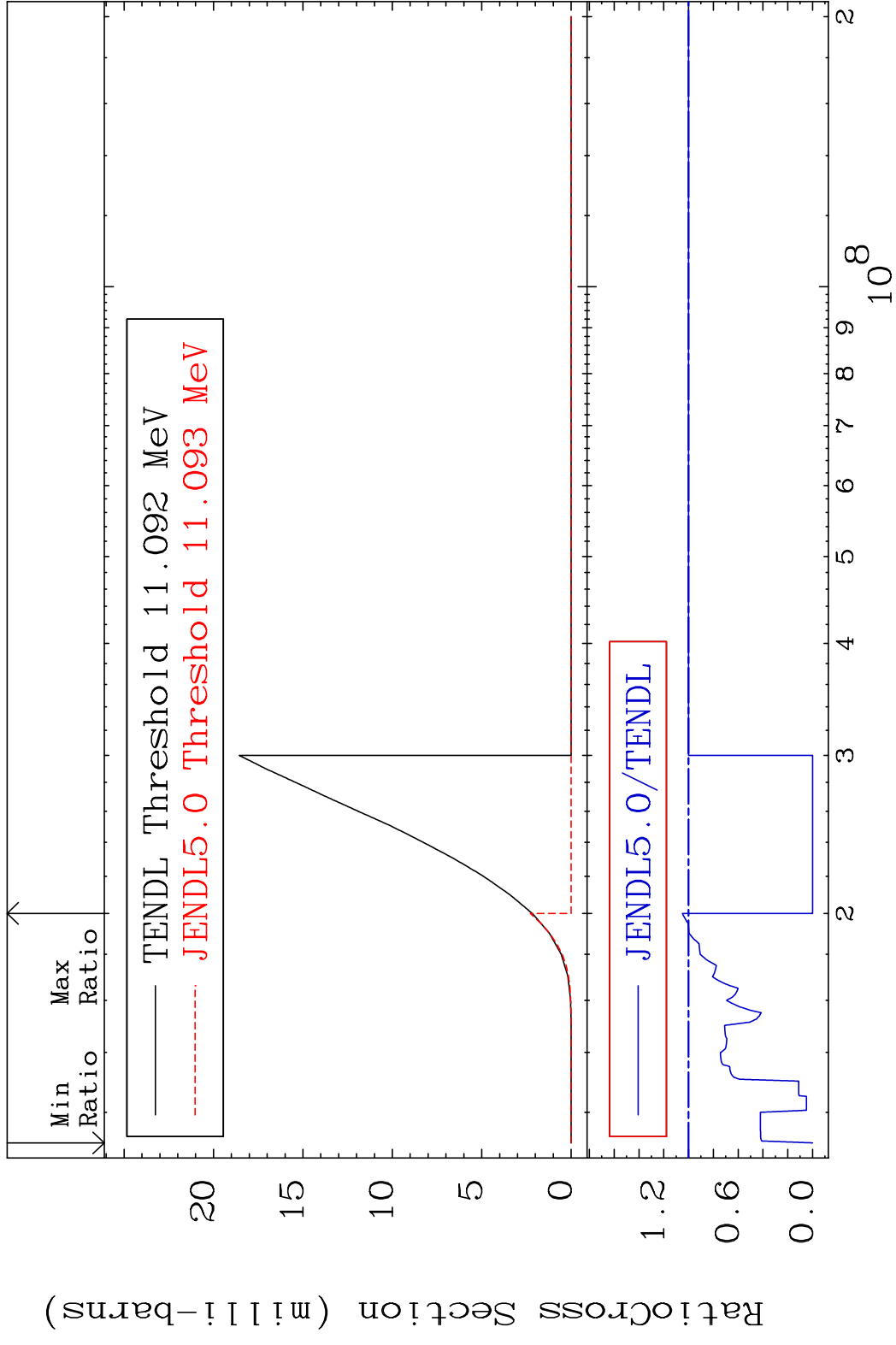
63 Incident Energy (eV) 50-Sn-120

MAT 5049 (n, 2n):50-Sn-119m2 50-Sn-120
 Radionuclide Production Cross Section to 53.61 %

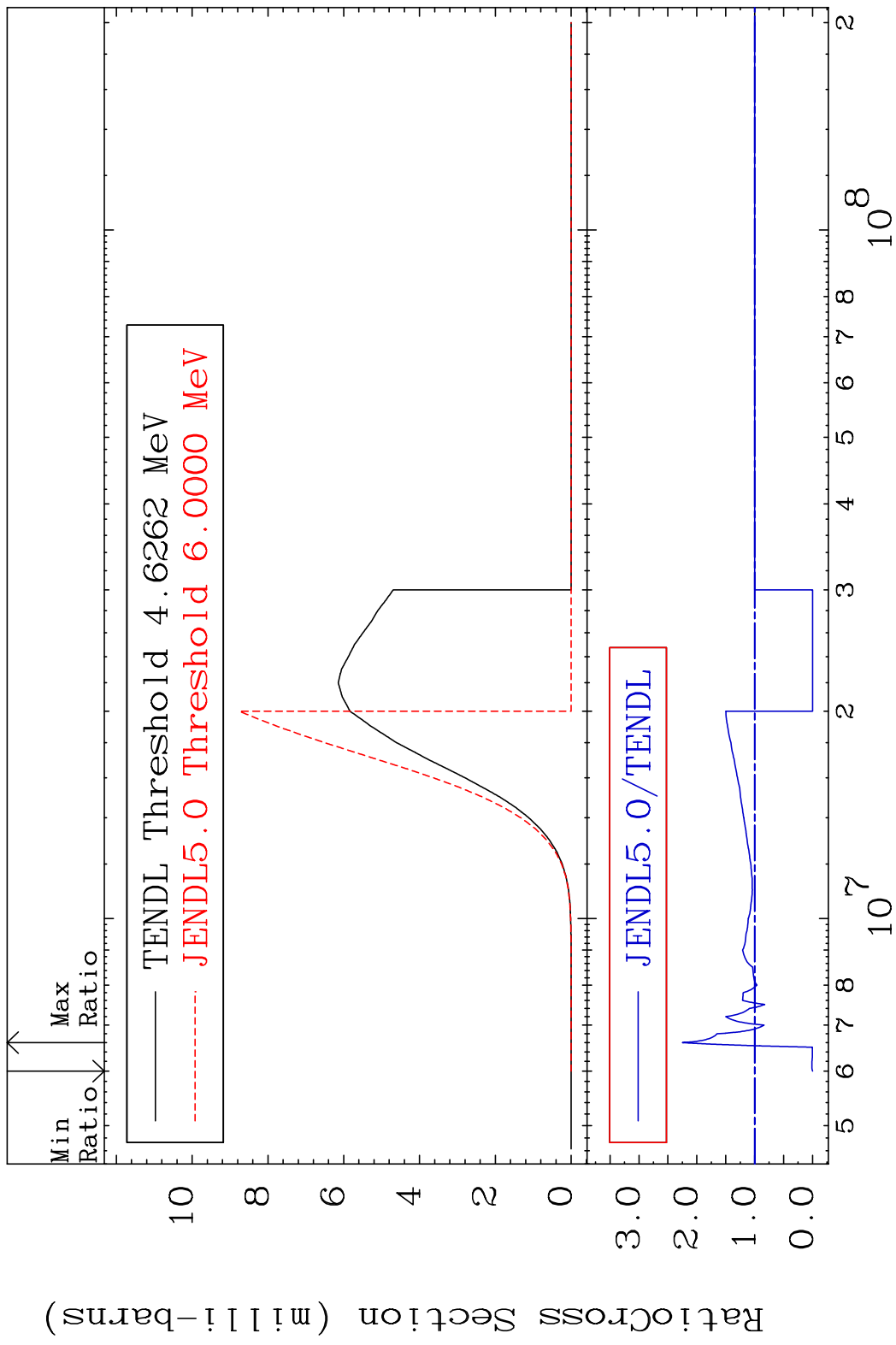


64 Incident Energy (eV) 50-Sn-120

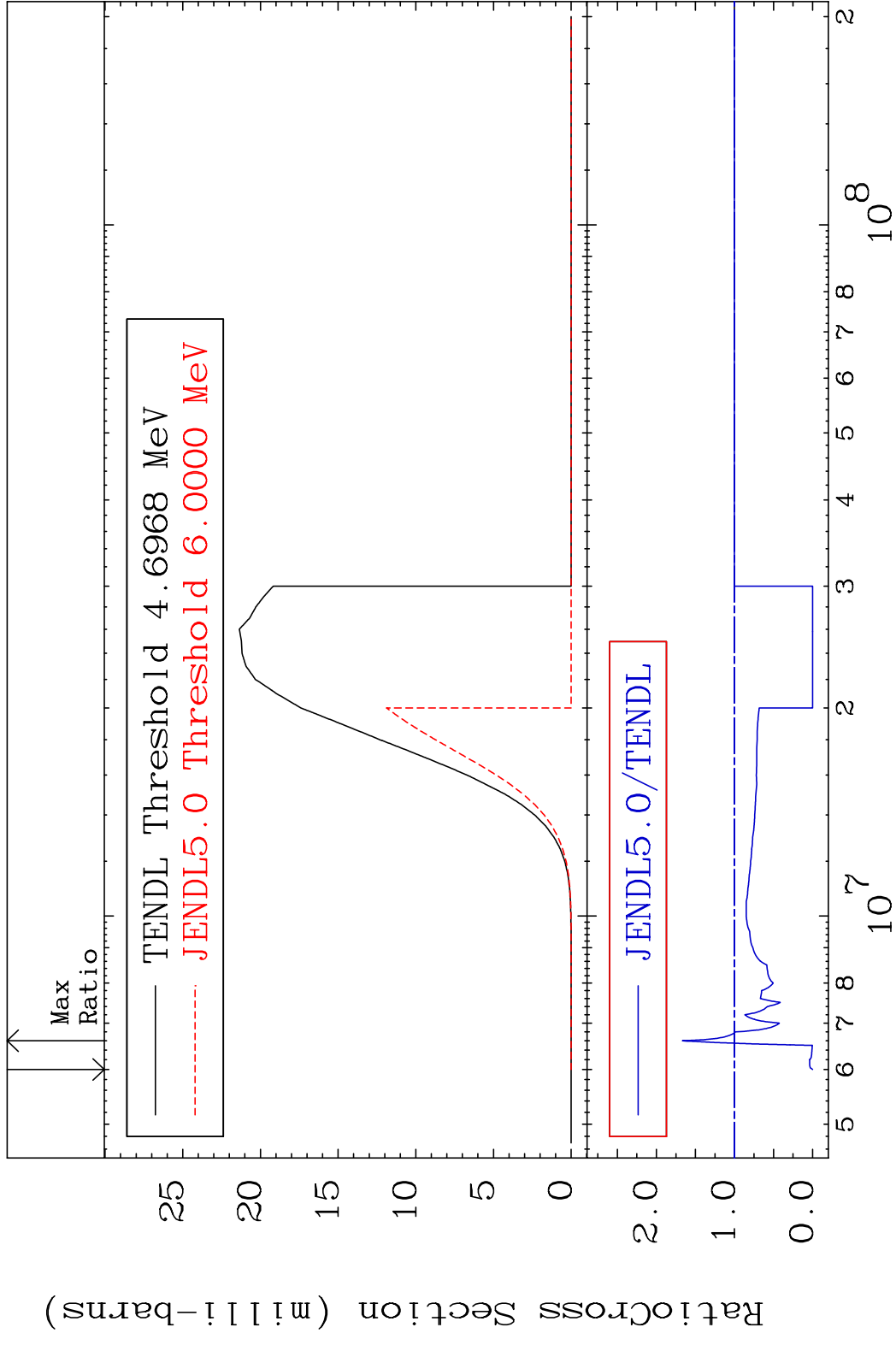


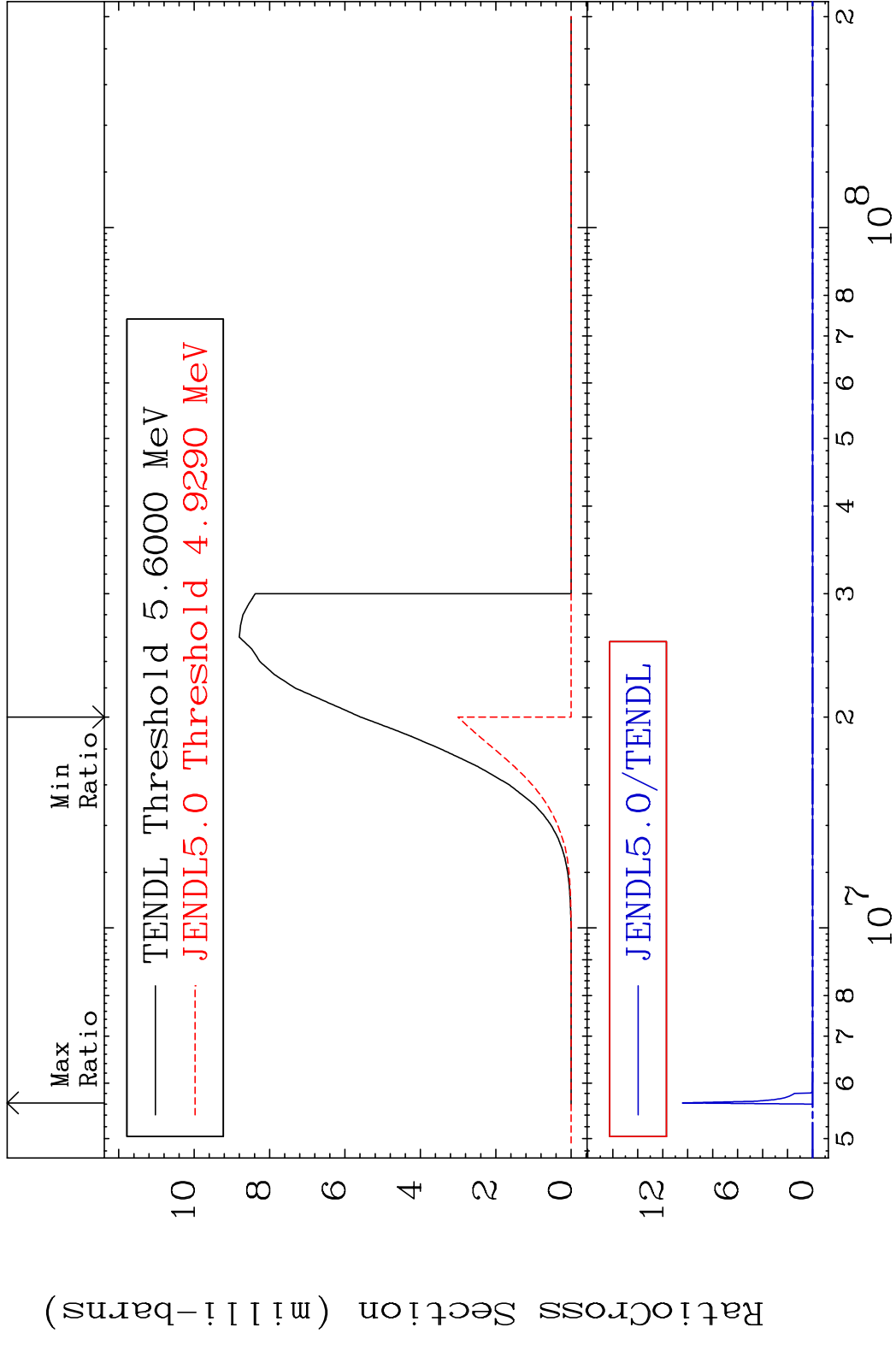


MAT 5049 (n,p):49-In-120g 50-Sn-120
 Radionuclide Production Cross Section 180.0 dth 125.0 %

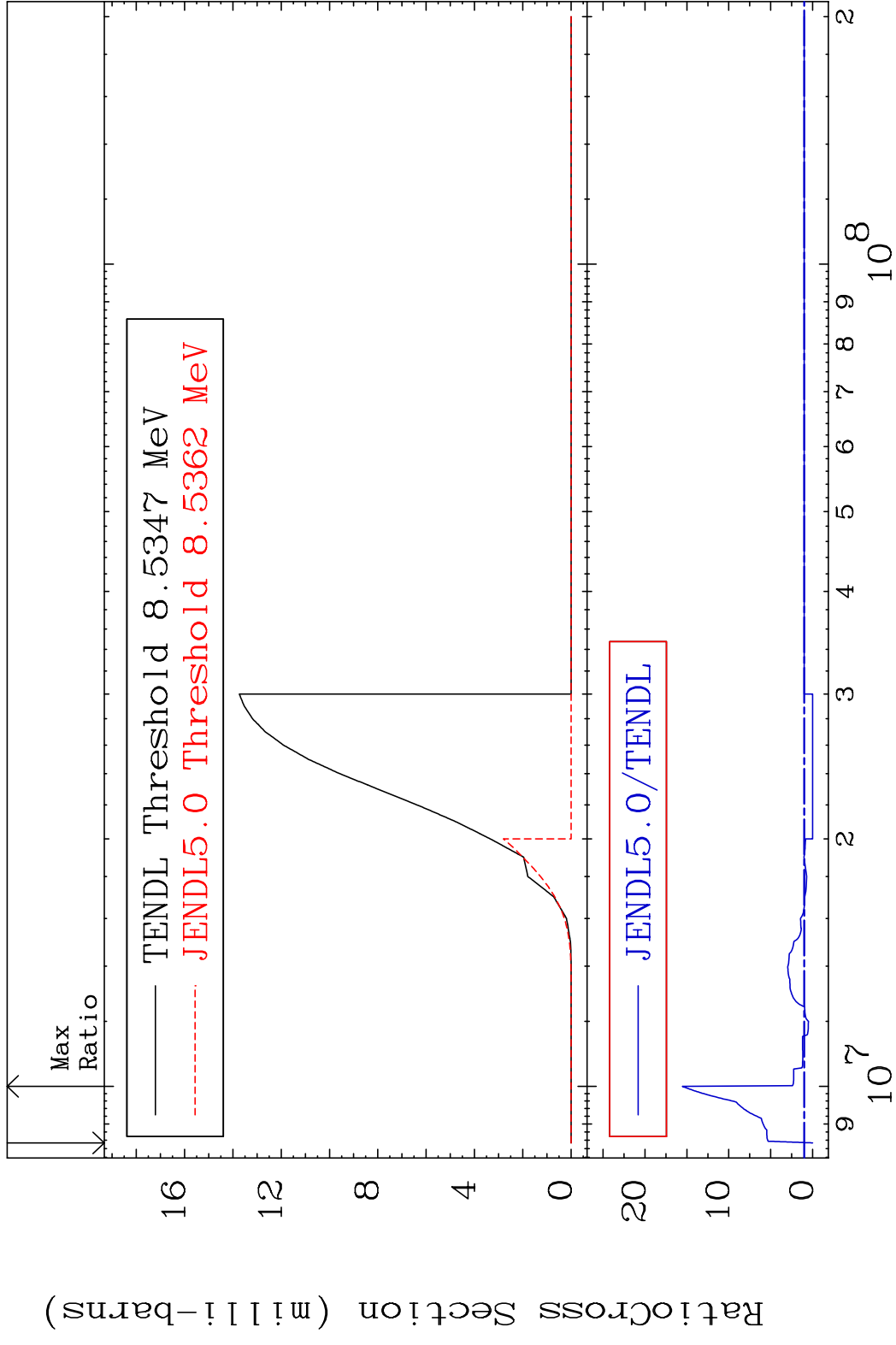


MAT 5049 (n, p): 49-In-120m1 50-Sn-120
 Radionuclide Production Cross Section Ratio 66.76 %



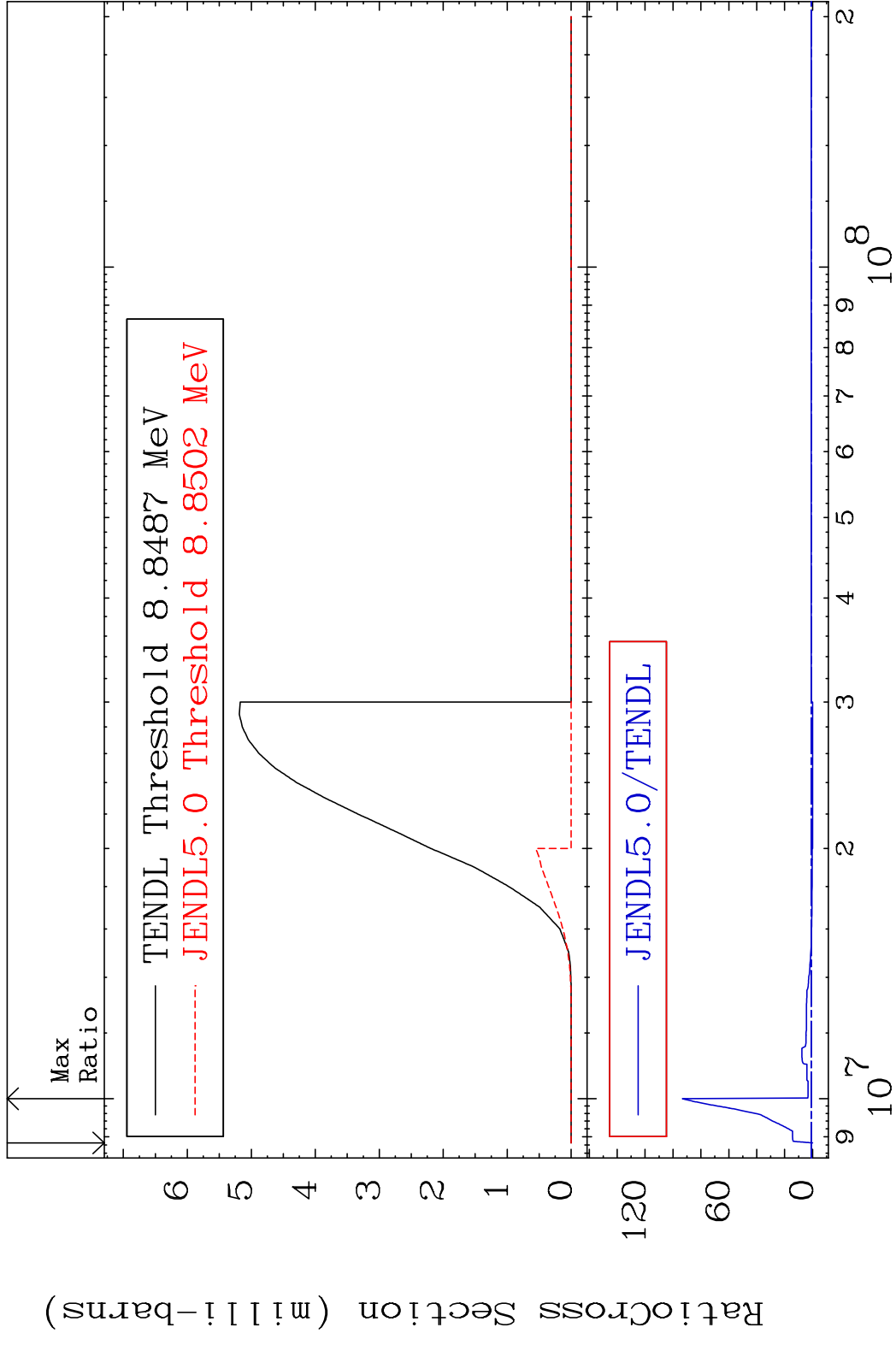


MAT 5049 (n,d):49-In-119g 50-Sn-120
 Radionuclide Production Cross Section 1800.0 dth 1454. %



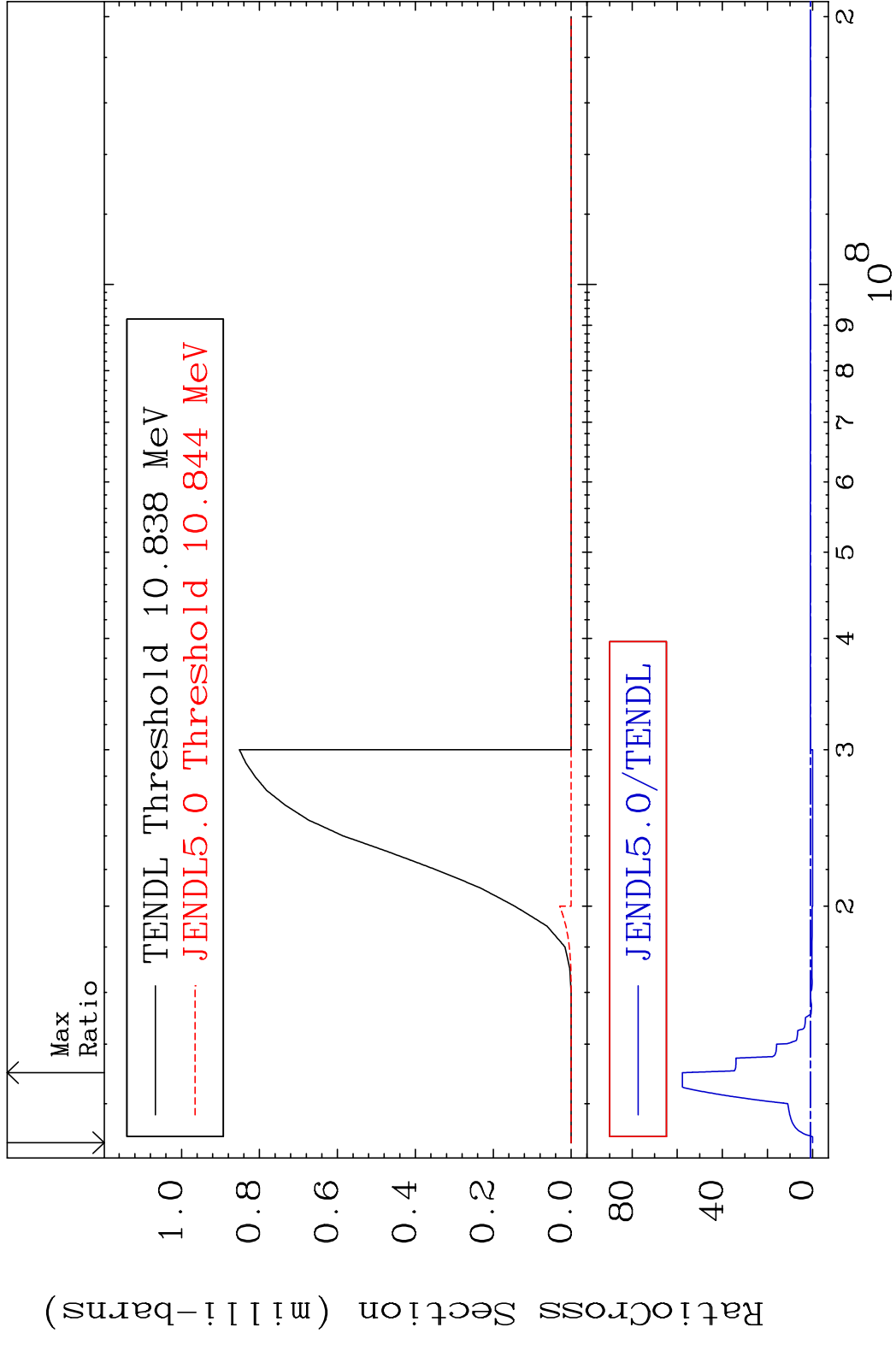
70 Incident Energy (eV) 50-Sn-120

MAT 5049 (n, d): 49-In-119m1 50-Sn-120
 Radionuclide Production Cross Section 180.01 dth 9230. %

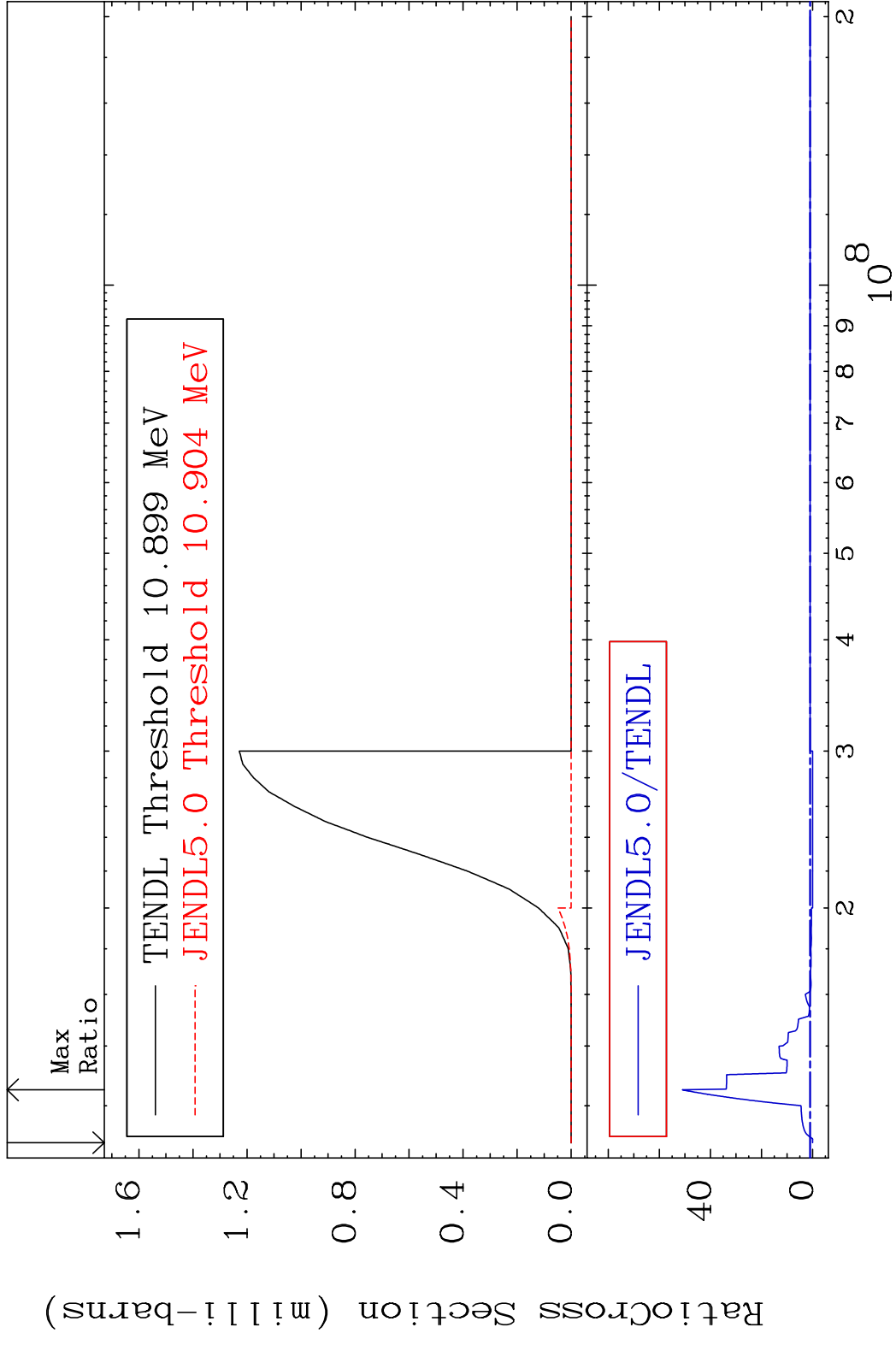


71 Incident Energy (eV) 50-Sn-120

MAT 5049 (n,t):49-In-118g 50-Sn-120
 Radionuclide Production Cross Section 180.01 dth 5673. %



MAT 5049 (n, t): 49-In-118m1 50-Sn-120
 Radionuclide Production Cross Section Ratio 4997. %



MAT 5049 (n, t): 49-In-118m3 50-Sn-120
 Radionuclide Production Cross Section 180.0 dth 7056. %

