

Program Complot
(Version 2021-1)

by

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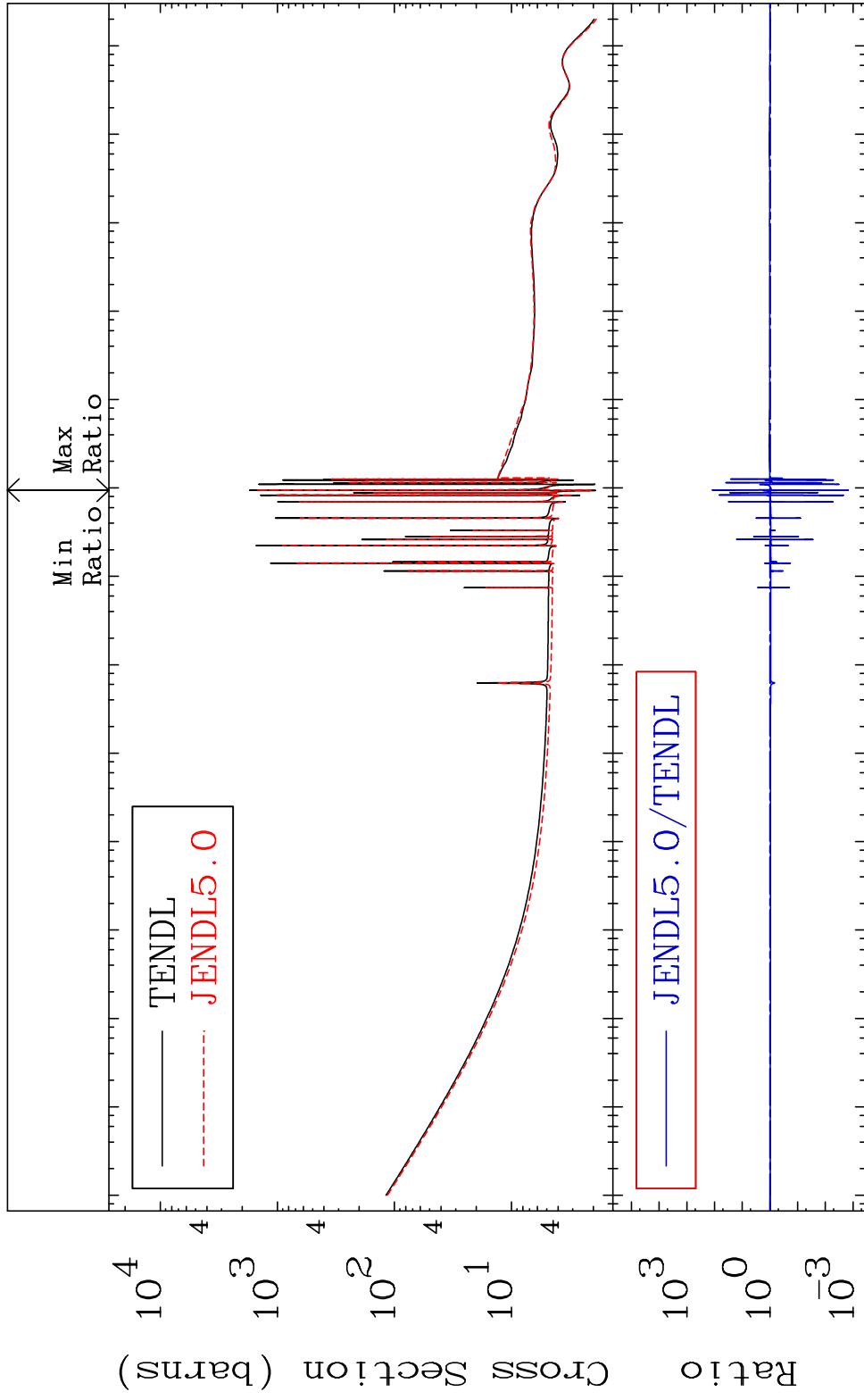
Press Mouse Button to Start

MAT 5046

Total

50-Sn-119

Cross Section -99.85 To 9999. %



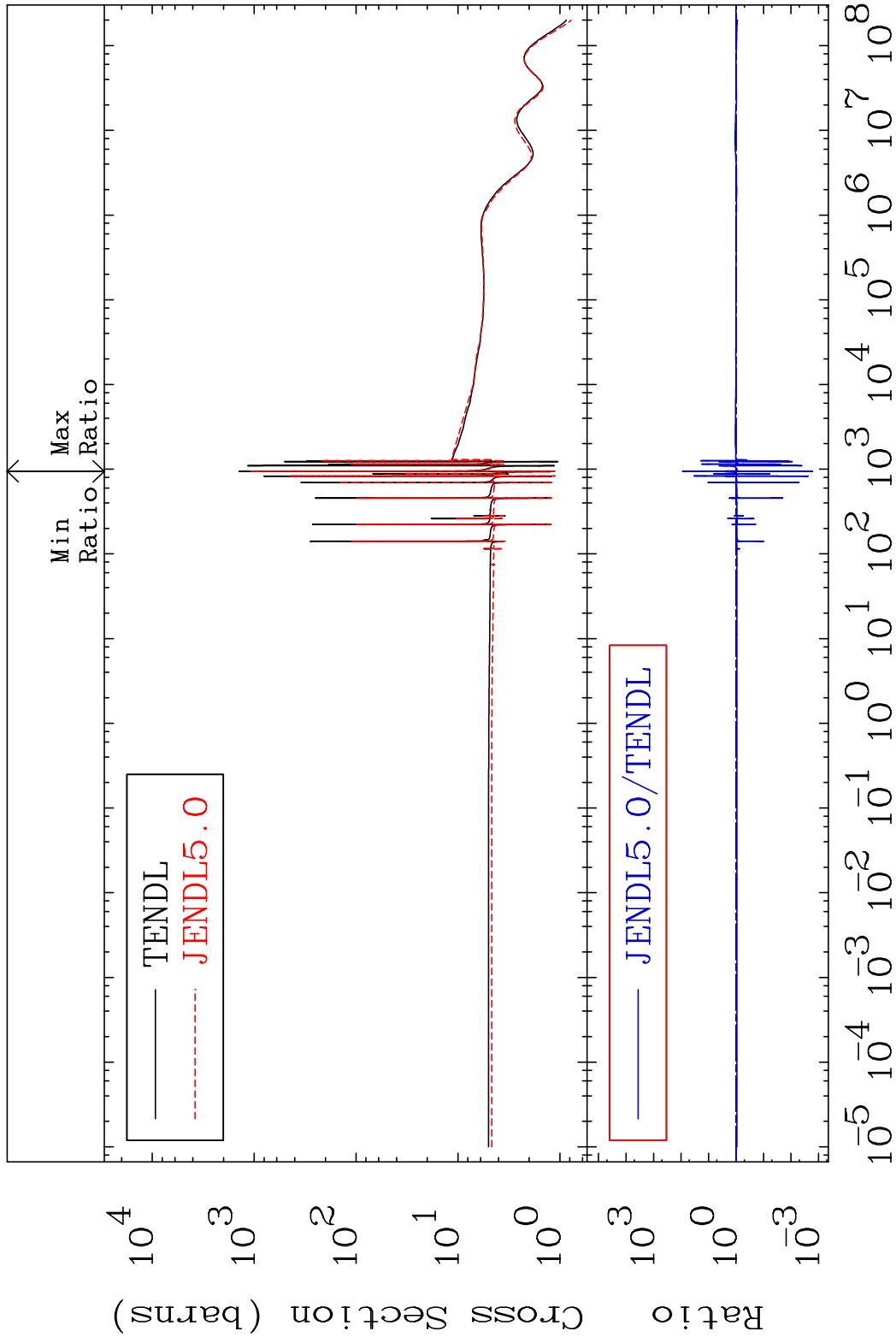
1

Incident Energy (eV)

50-Sn-119

MAT 5046

Elastic Cross Section -99.84 To 8870. %
50-Sn-119

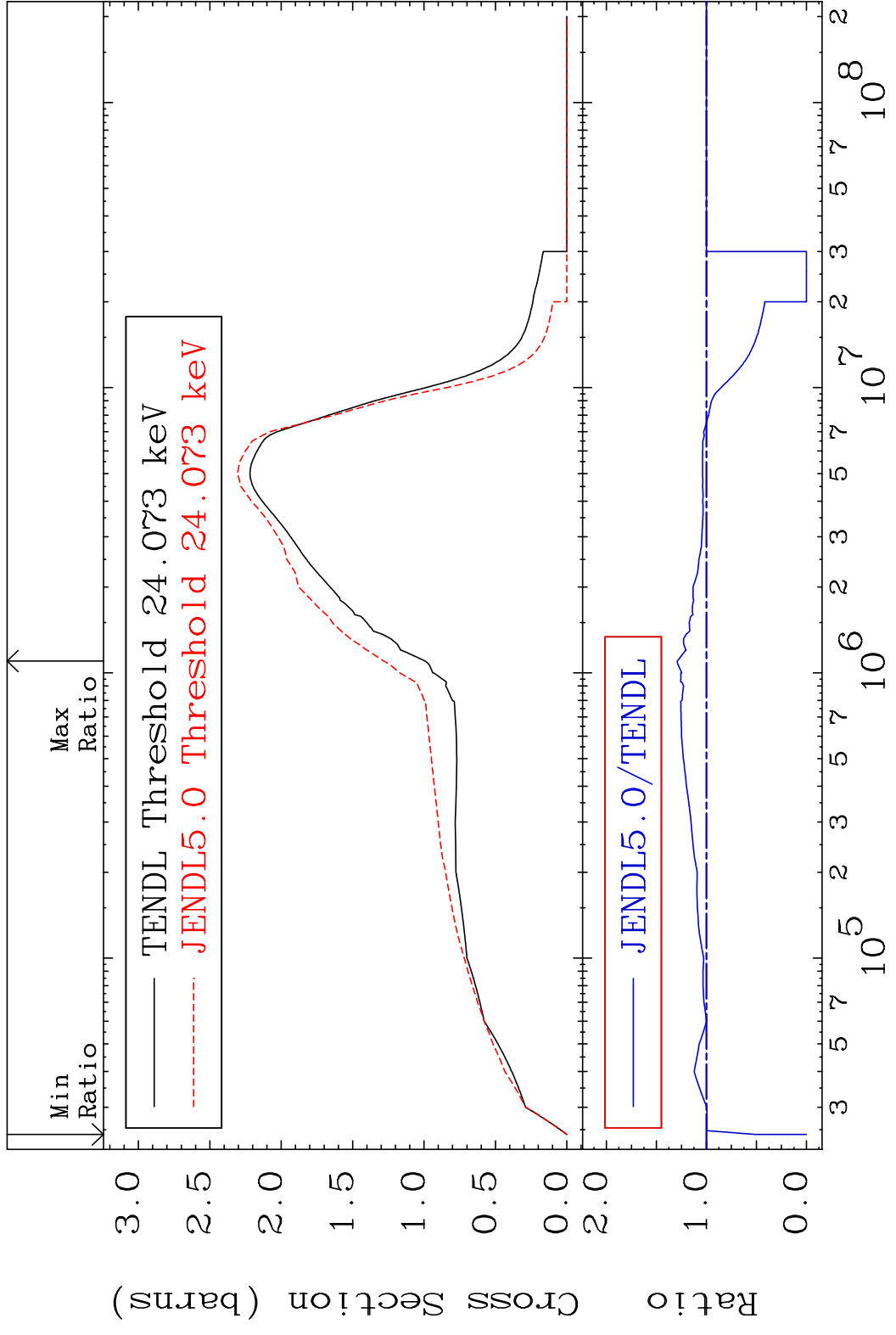


2

Incident Energy (eV)

50-Sn-119

MAT 5046 Inelastic Cross Section -100.0 To 29.24 % 50-Sn-119

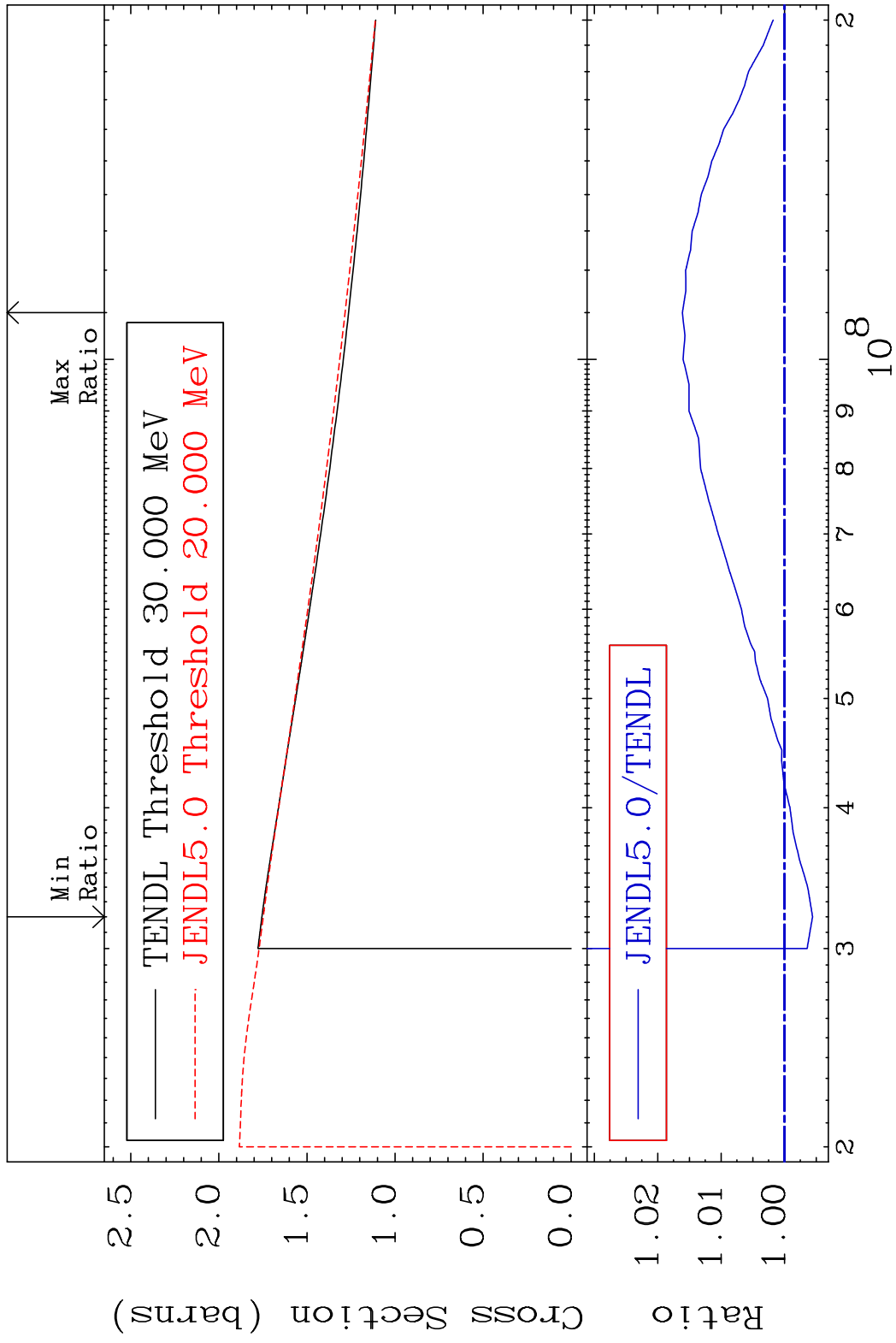


MAT 5046

(n, remainder)

50-Sn-119

Cross Section -0.443 To 1.611 %

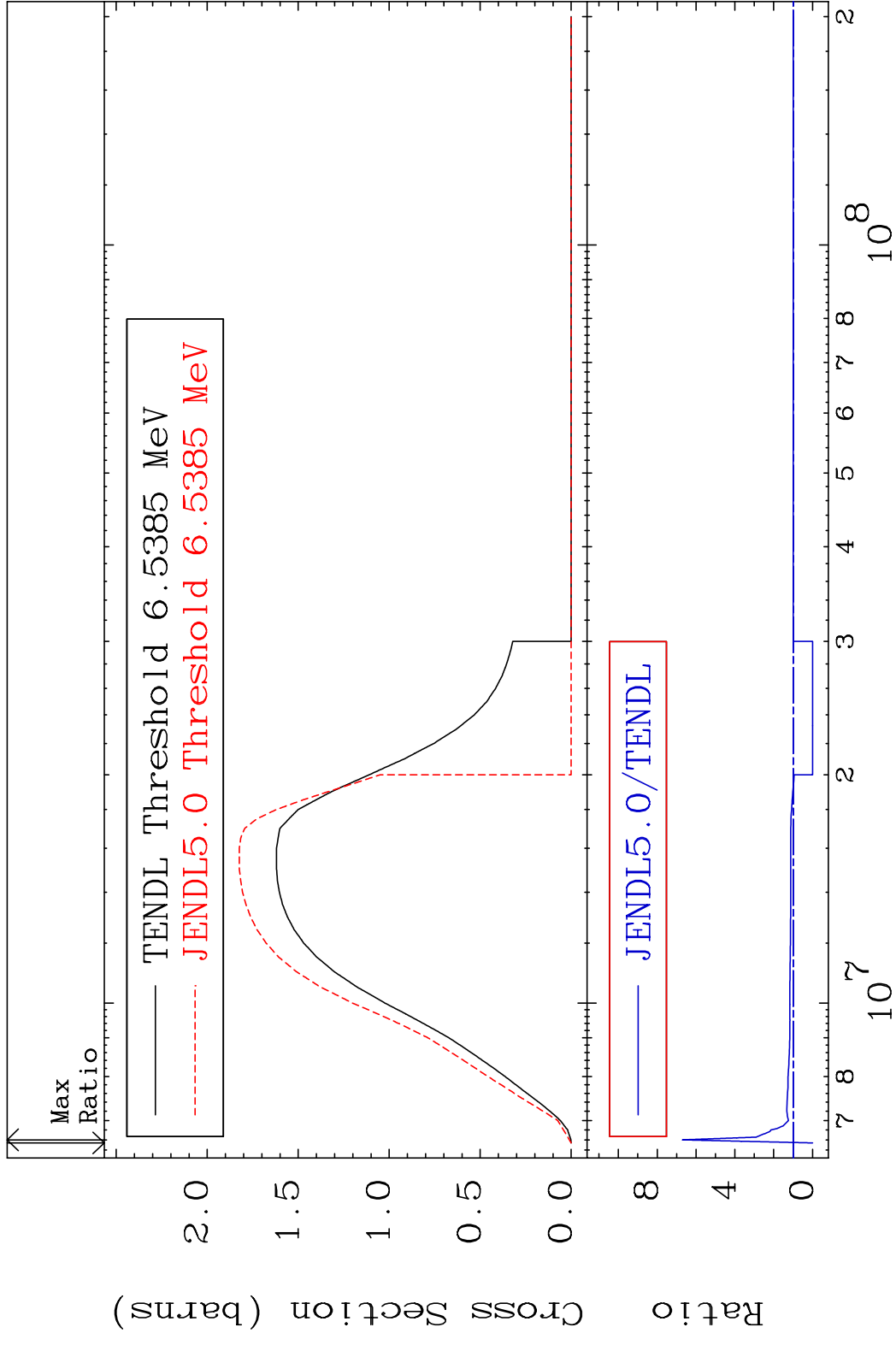


4

Incident Energy (eV)

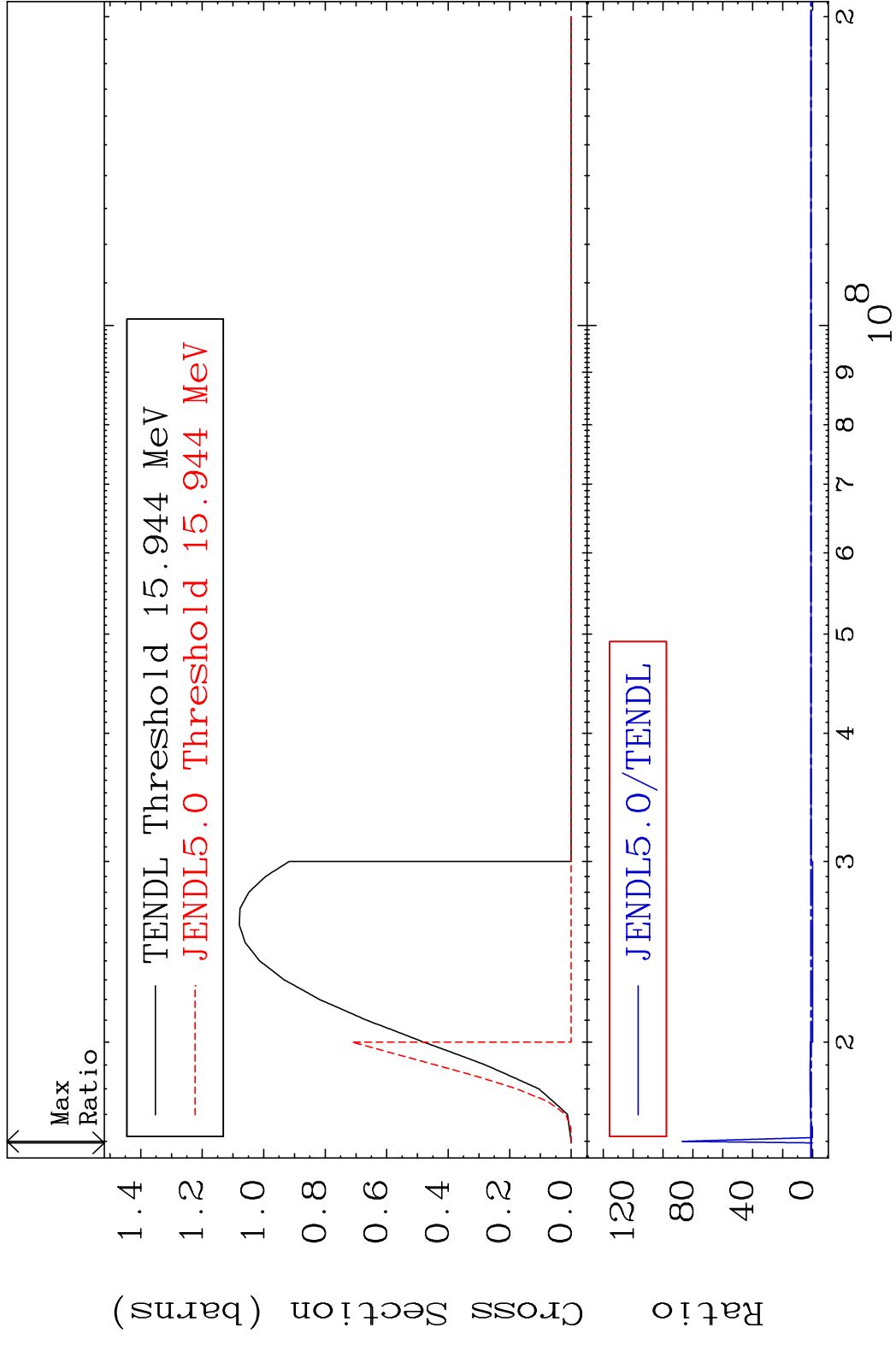
50-Sn-119

MAT 5046 (n,2n) 50-Sn-119
 Cross Section -100.0 To 570.5 %

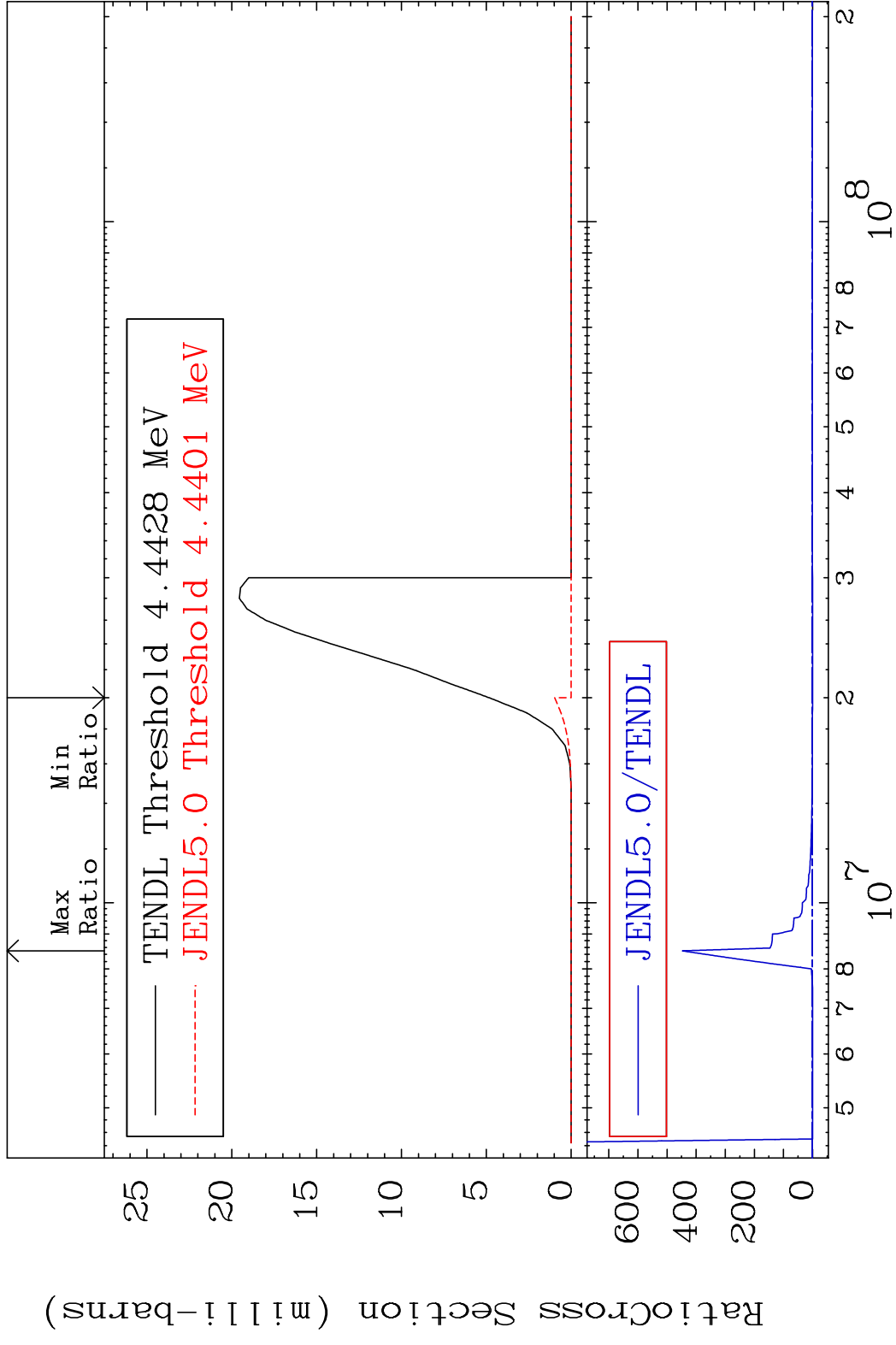


5 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 50-Sn-119

MAT 5046 (n,3n) 50-Sn-119
 Cross Section -100.0 To 8606. %



MAT 5046 (n, n') α 50-Sn-119
 Cross Section -100.0 To 9999. %



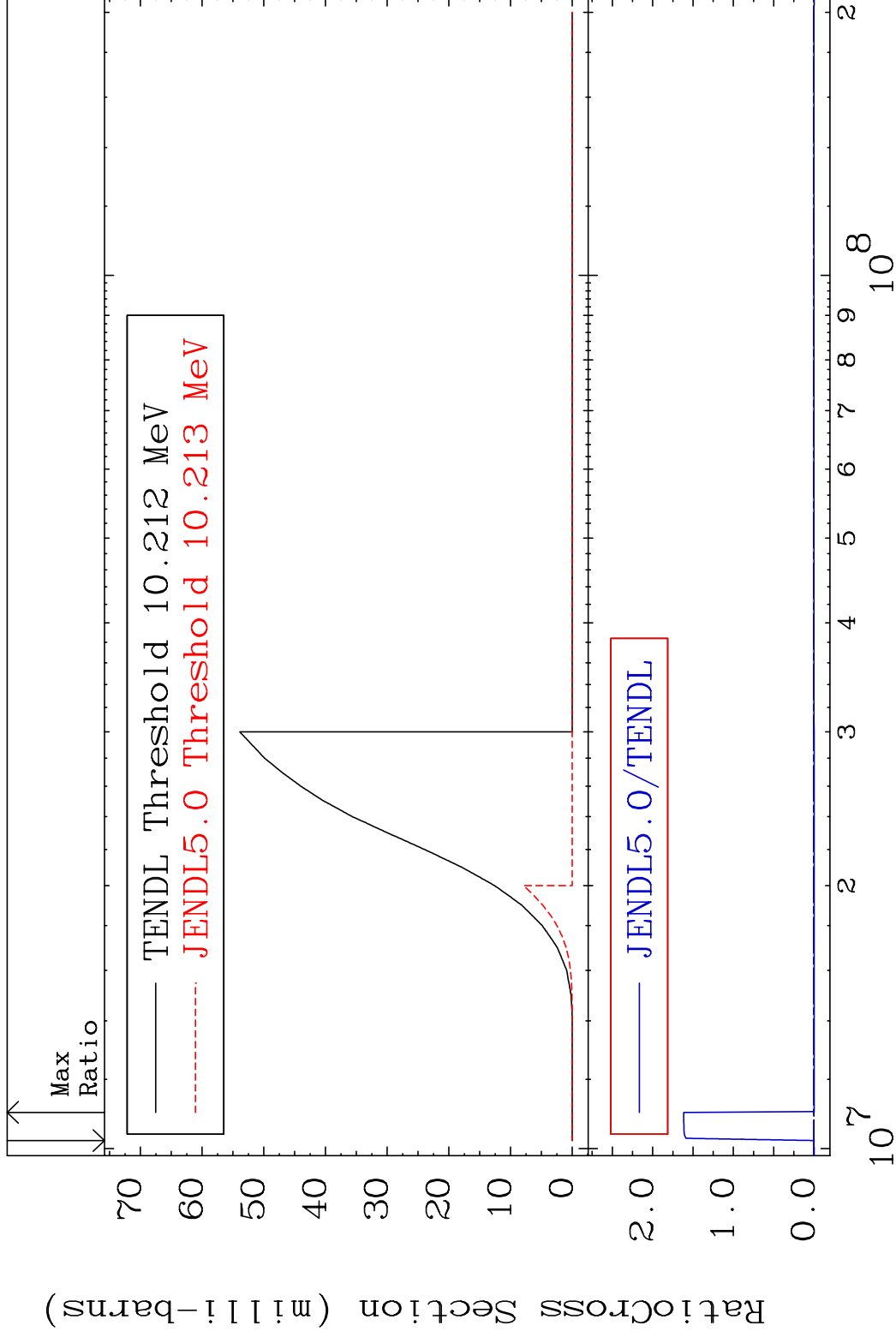
7 5 6 7 8 10 2 3 4 5 6 7 8 10 8 2

MAT 5046

(n, n') p

50-Sn-119

Cross Section -100.0 To 9999. %

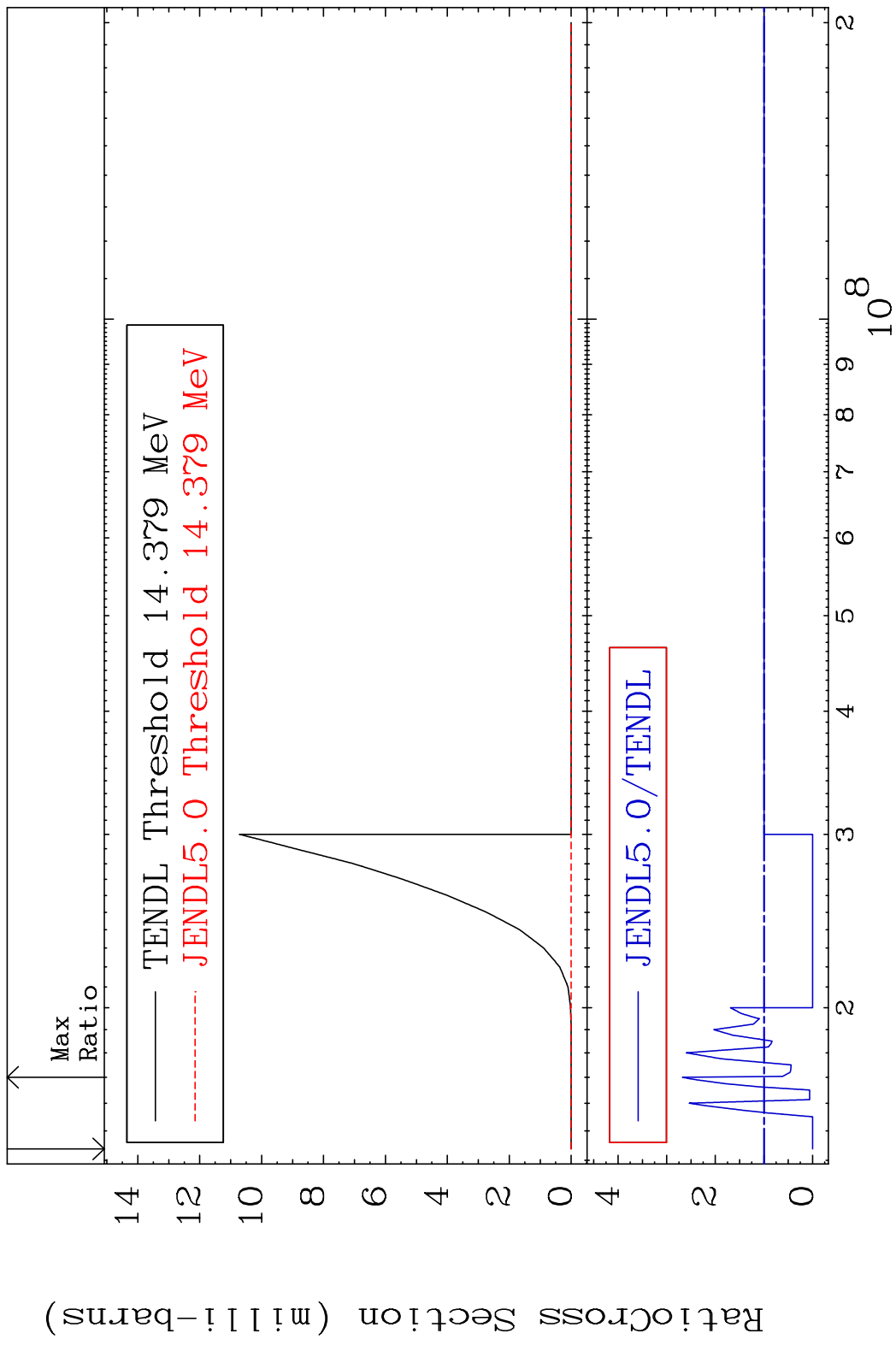


8

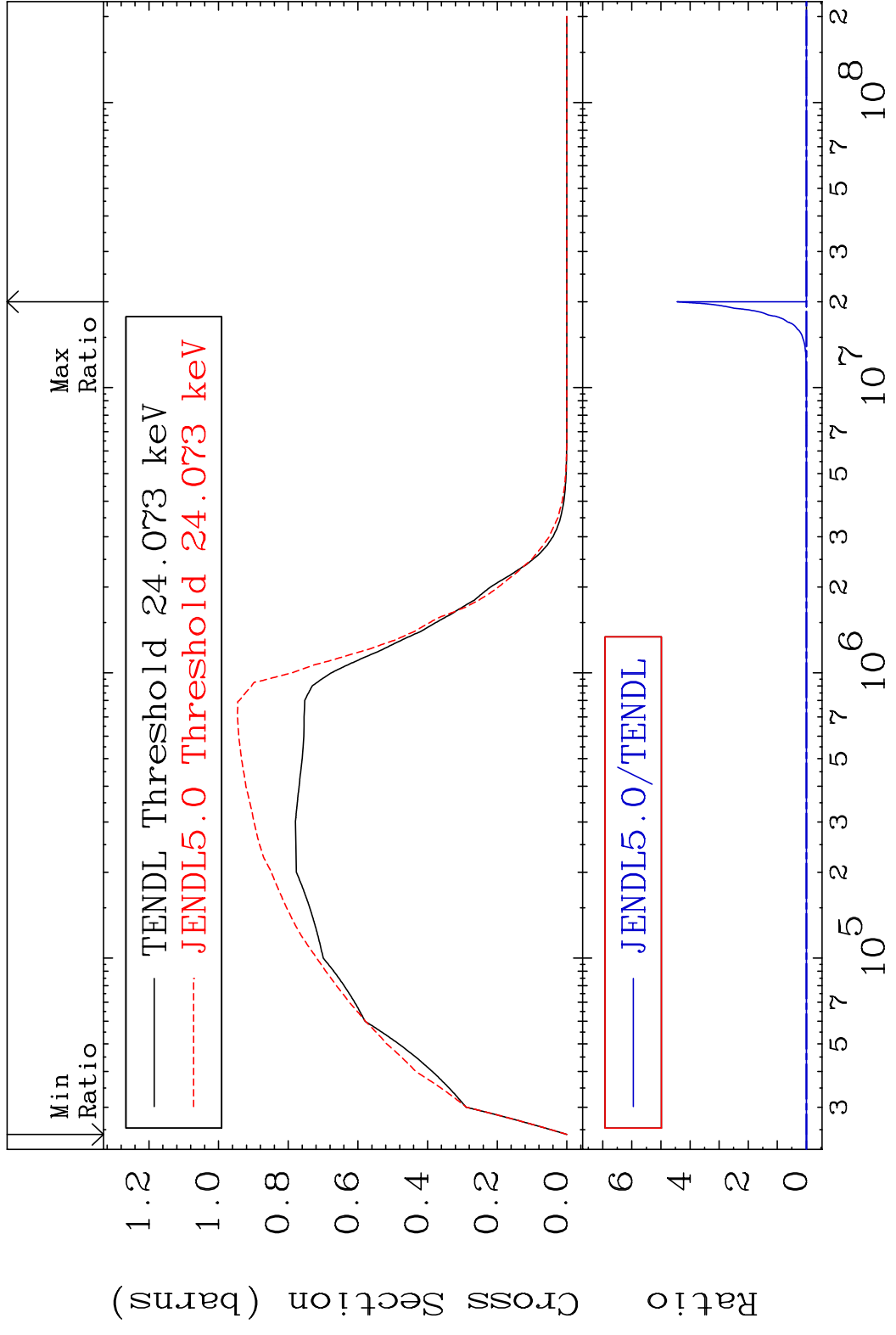
Incident Energy (eV)

50-Sn-119

MAT 5046 (n, n') d 50-Sn-119
 Cross Section -100.0 To 167.8 %

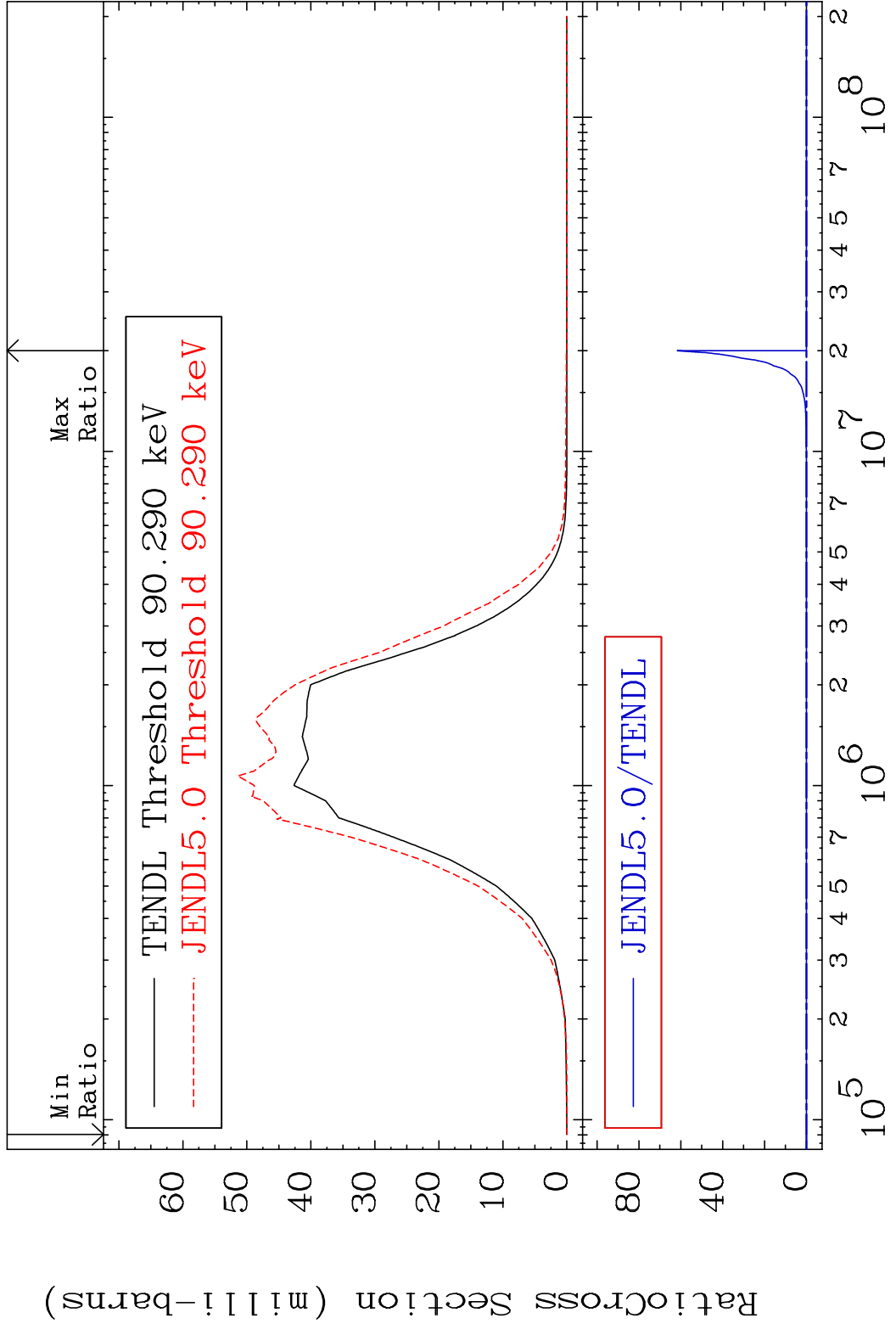


MAT 5046 MT= 51 (n,n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



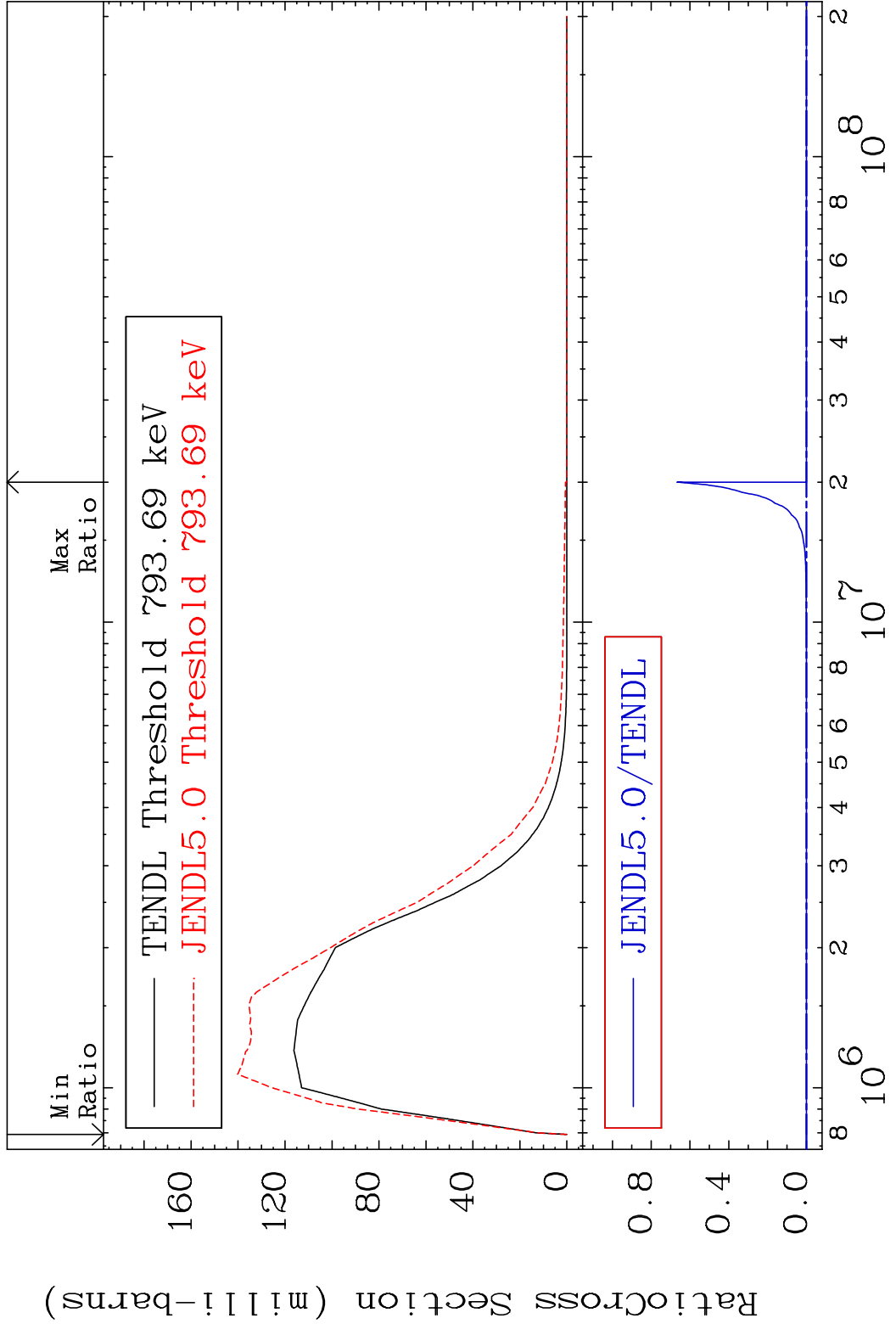
10 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 52 (n,n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



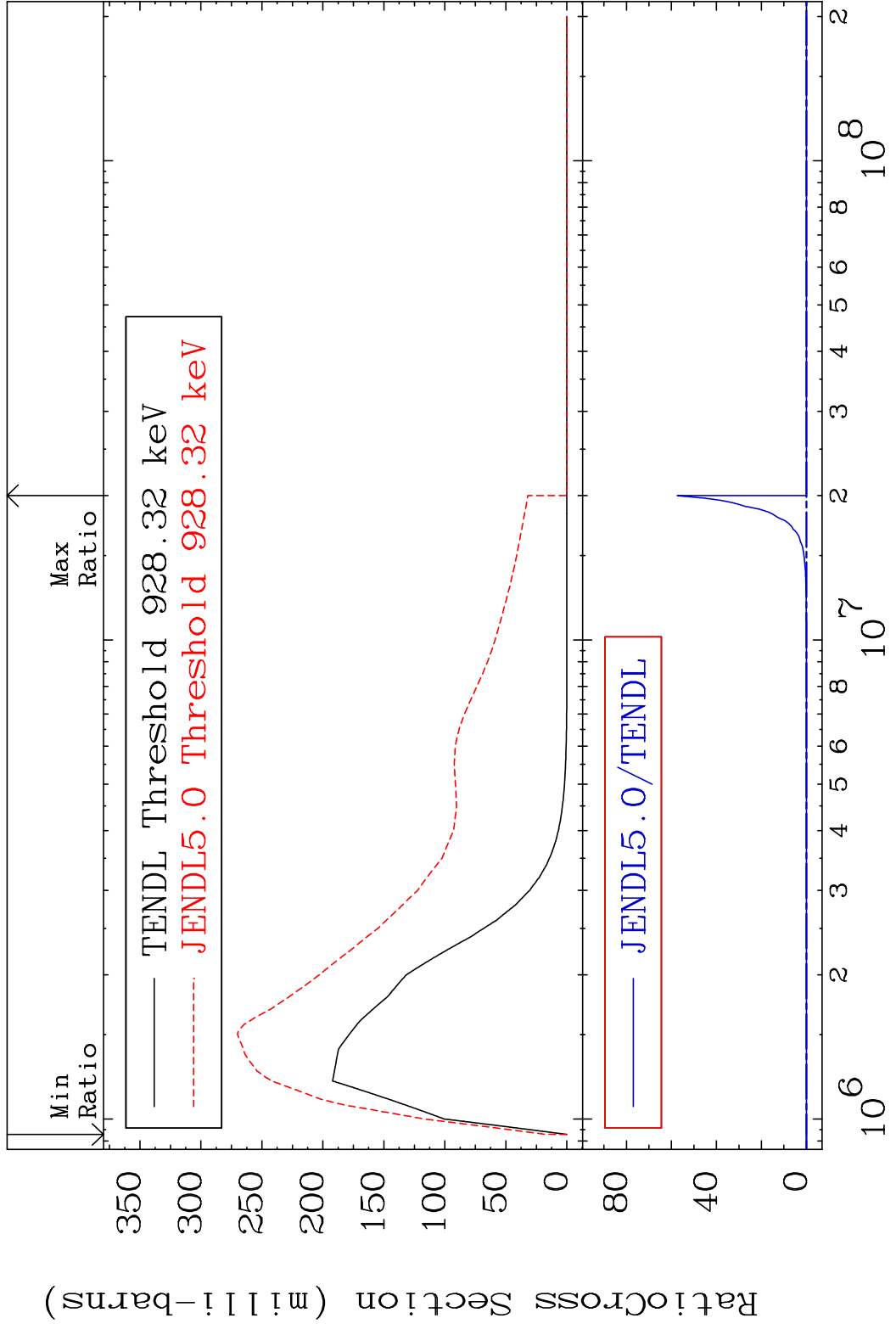
11 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 53 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



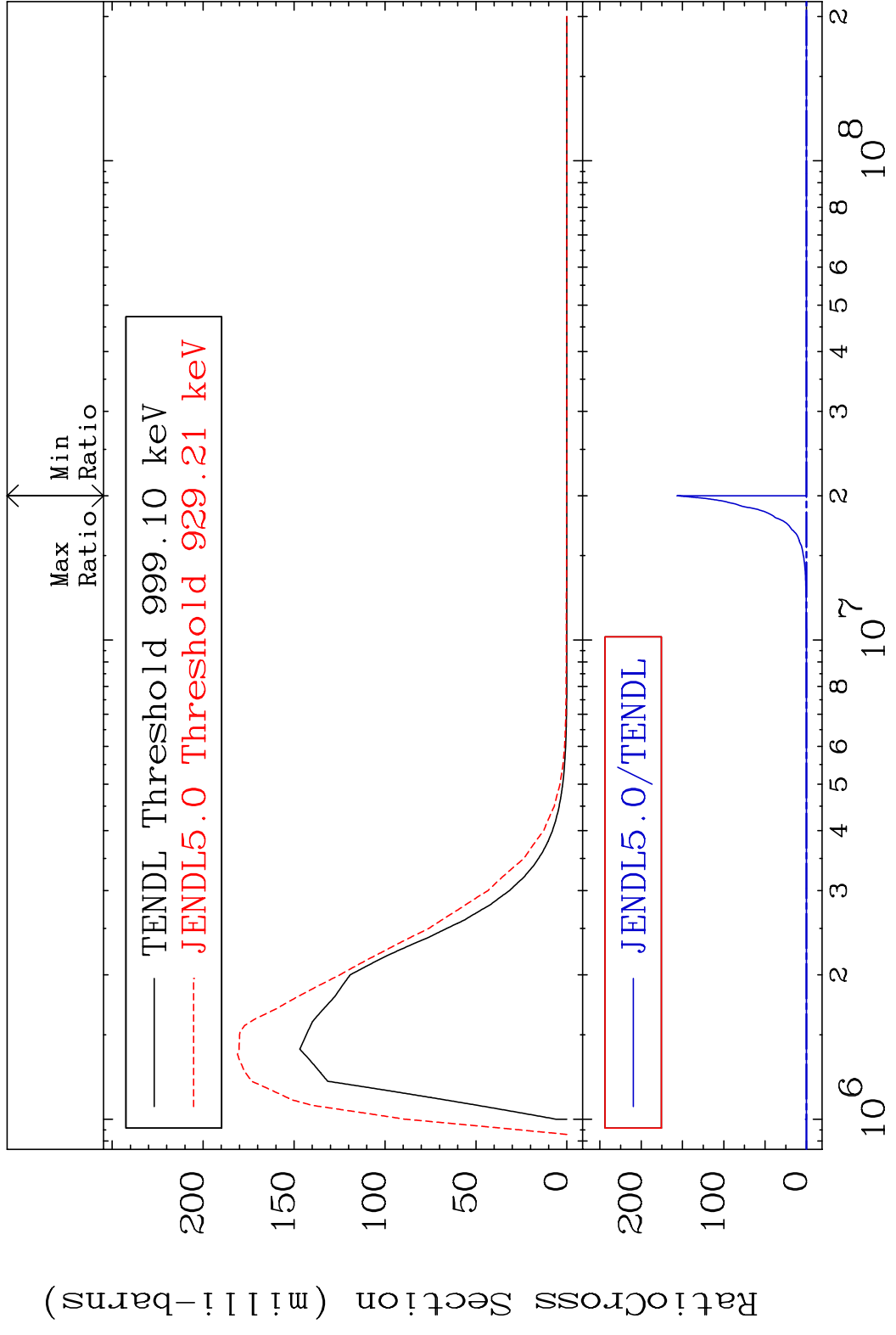
12 50-Sn-119

MAT 5046 MT= 54 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



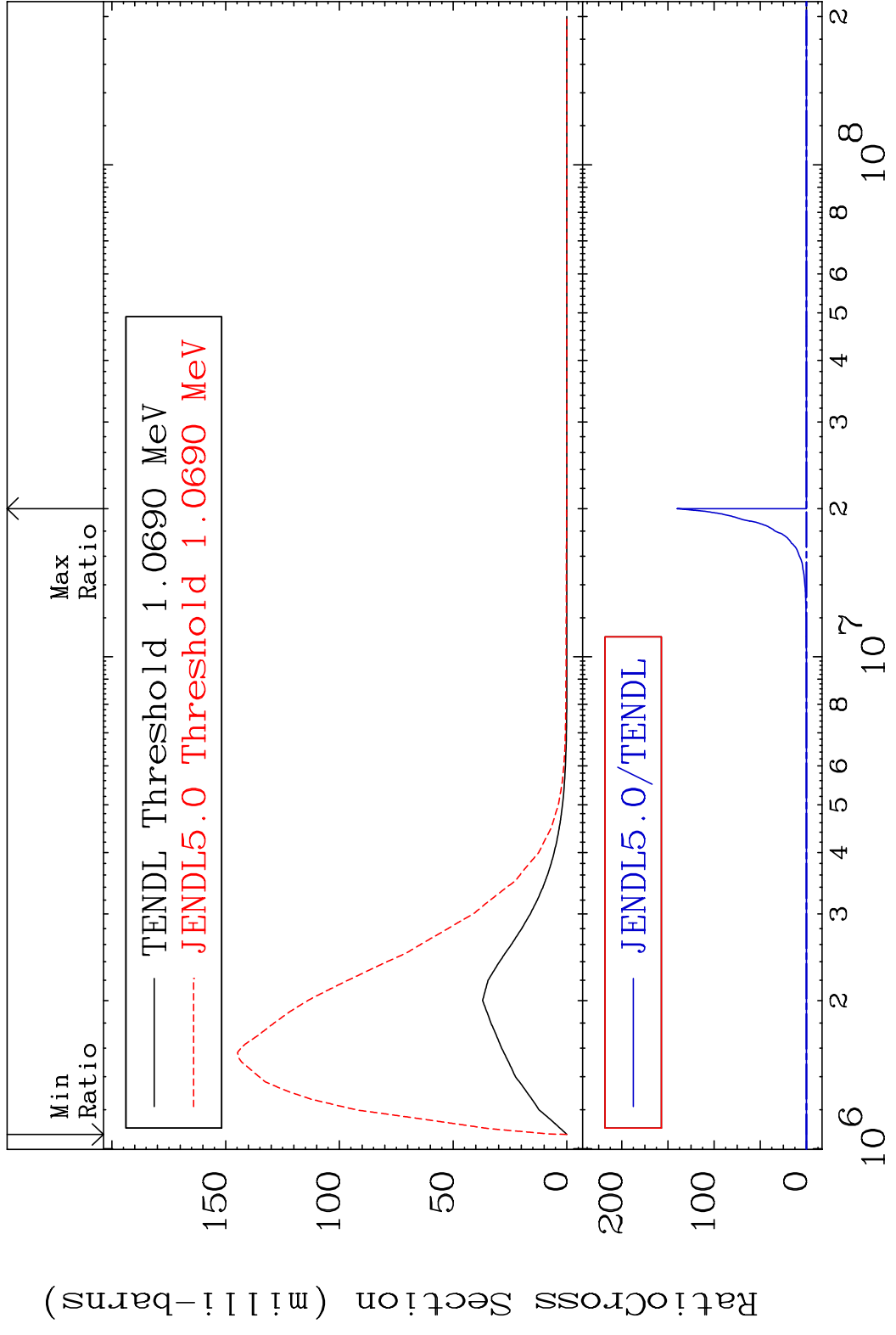
13 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 55 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



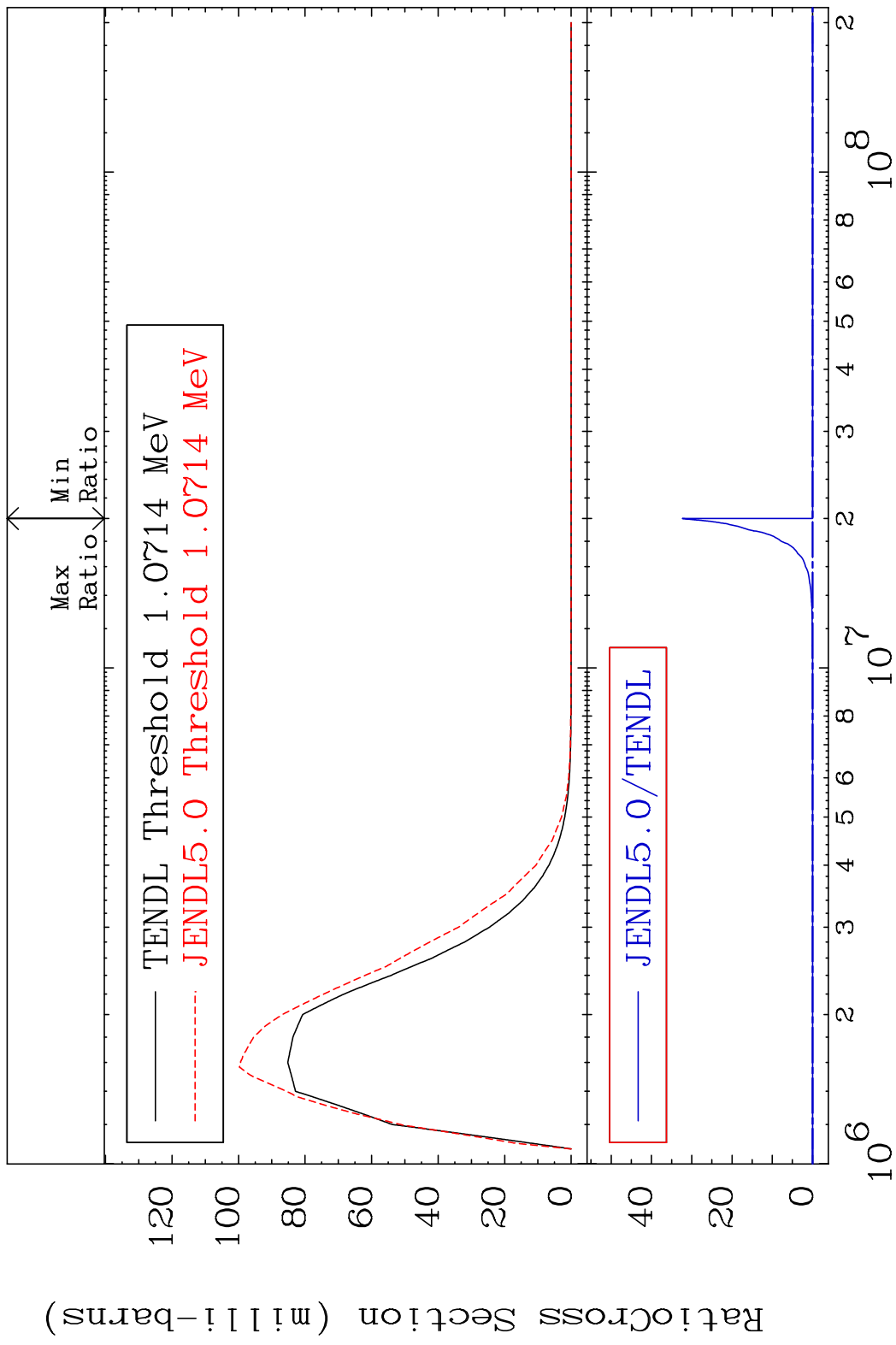
14 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 56 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



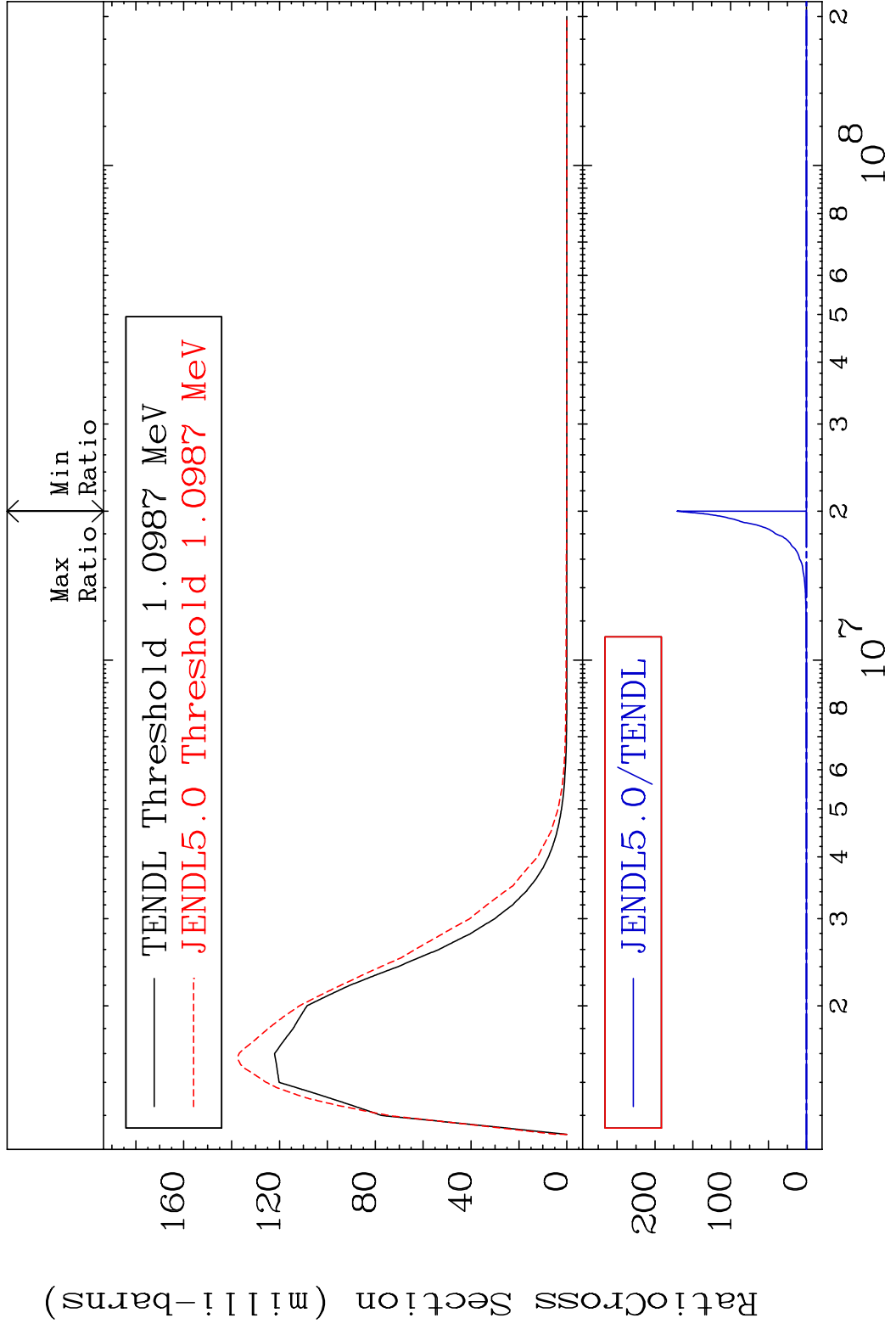
15 50-Sn-119

MAT 5046 MT= 57 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %

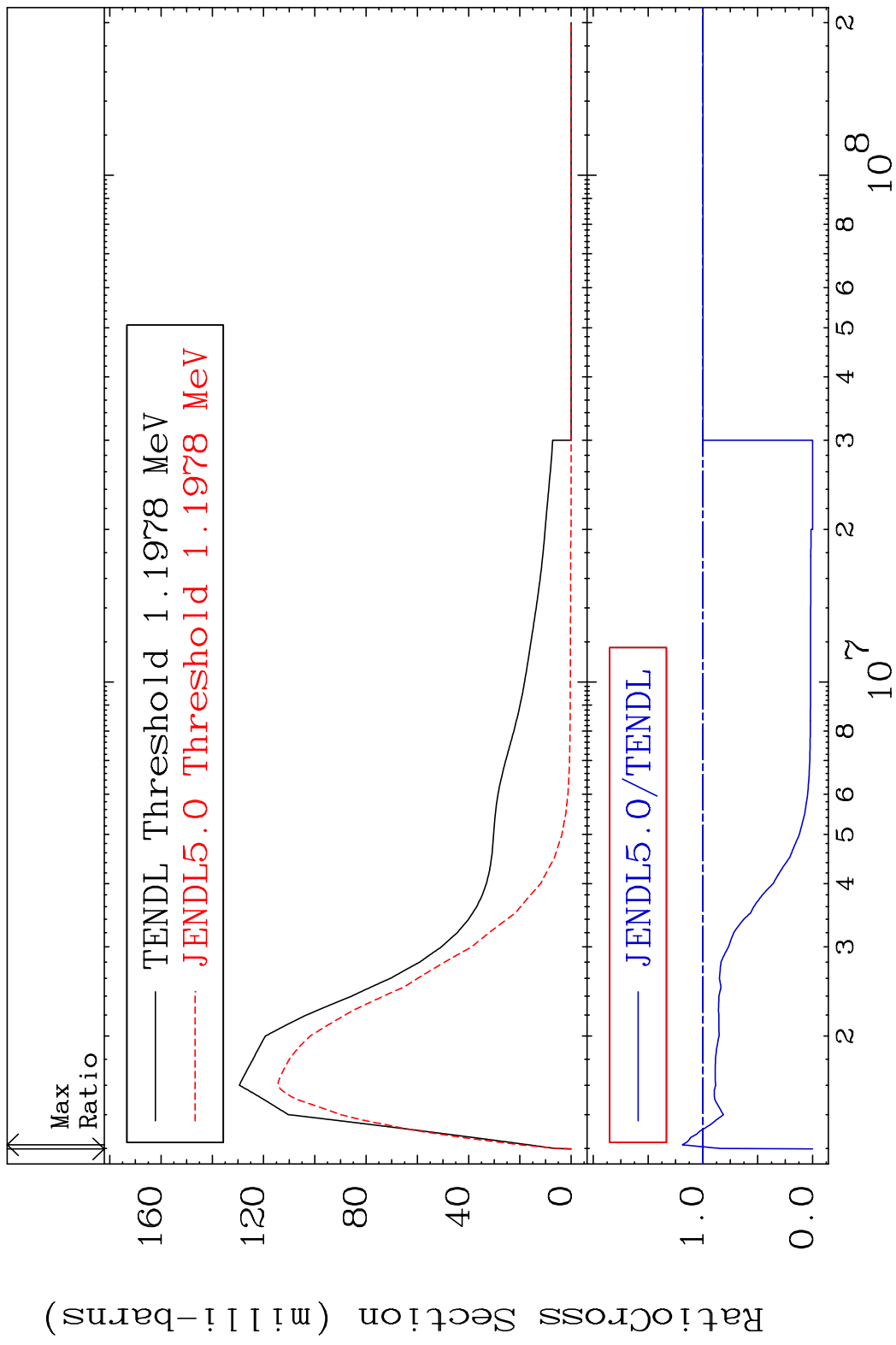


16 Incident Energy (eV) 50-Sn-119

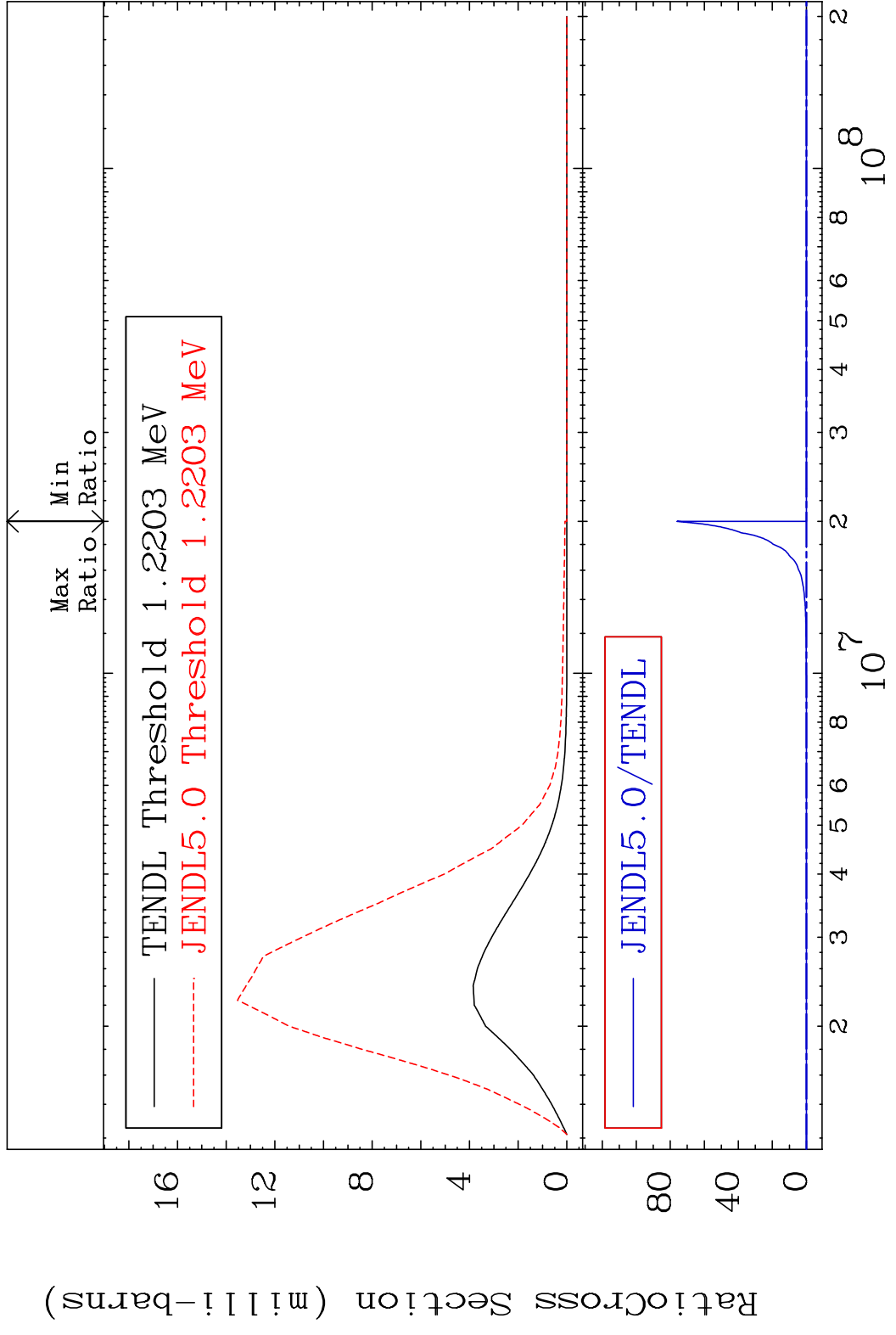
MAT 5046 MT= 58 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



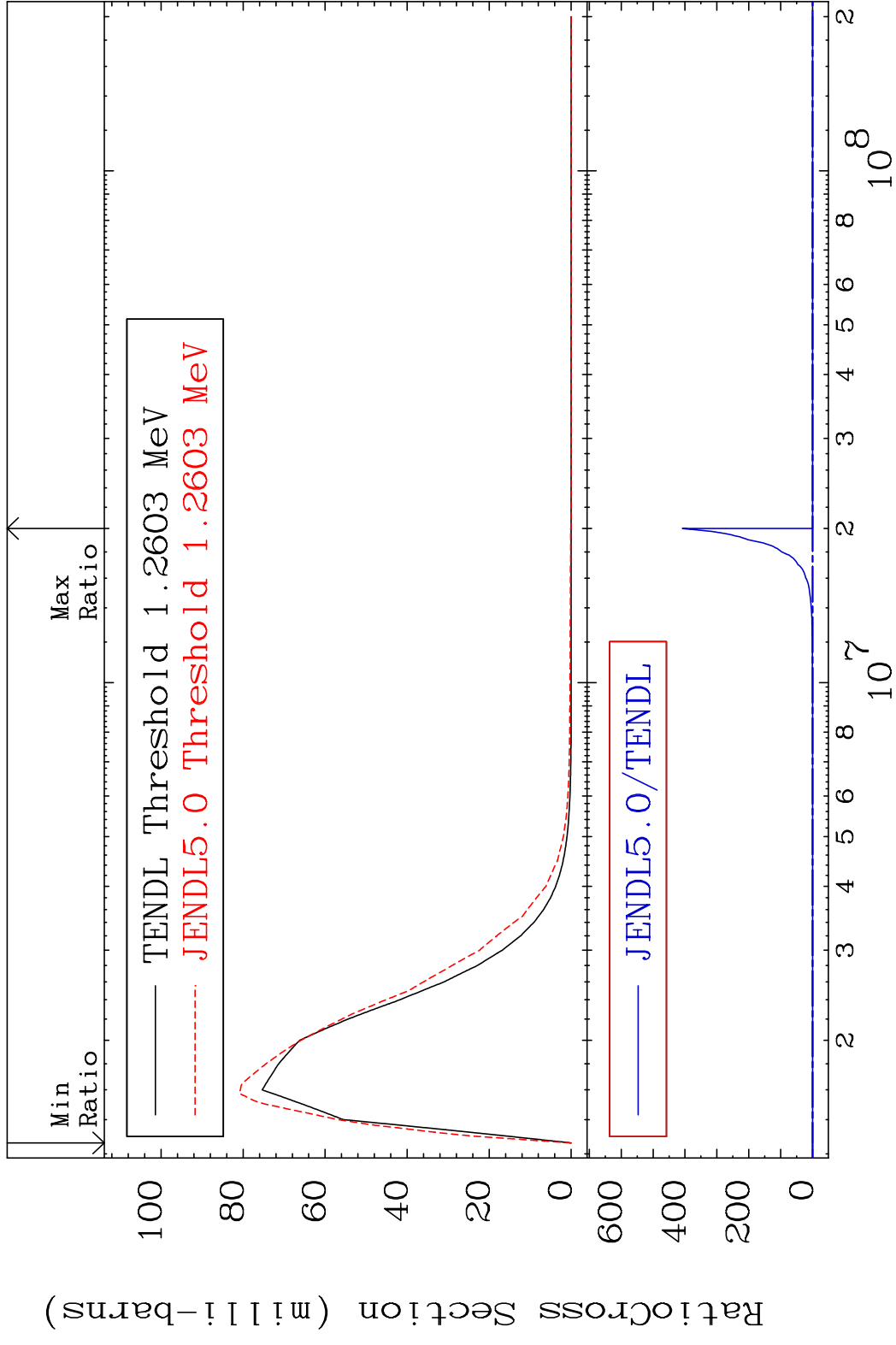
MAT 5046 MT= 59 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 18.78 %



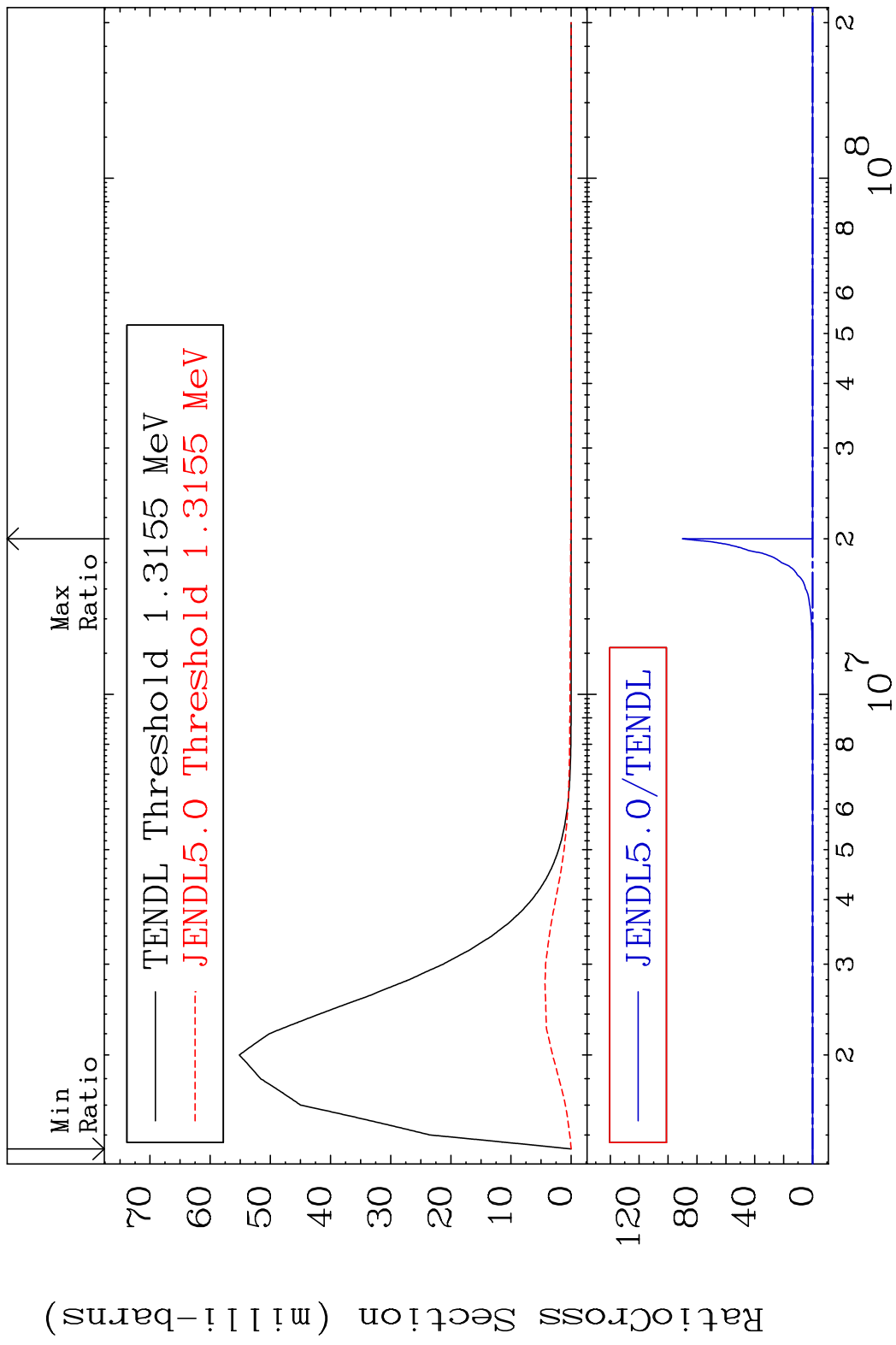
MAT 5046 MT= 60 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



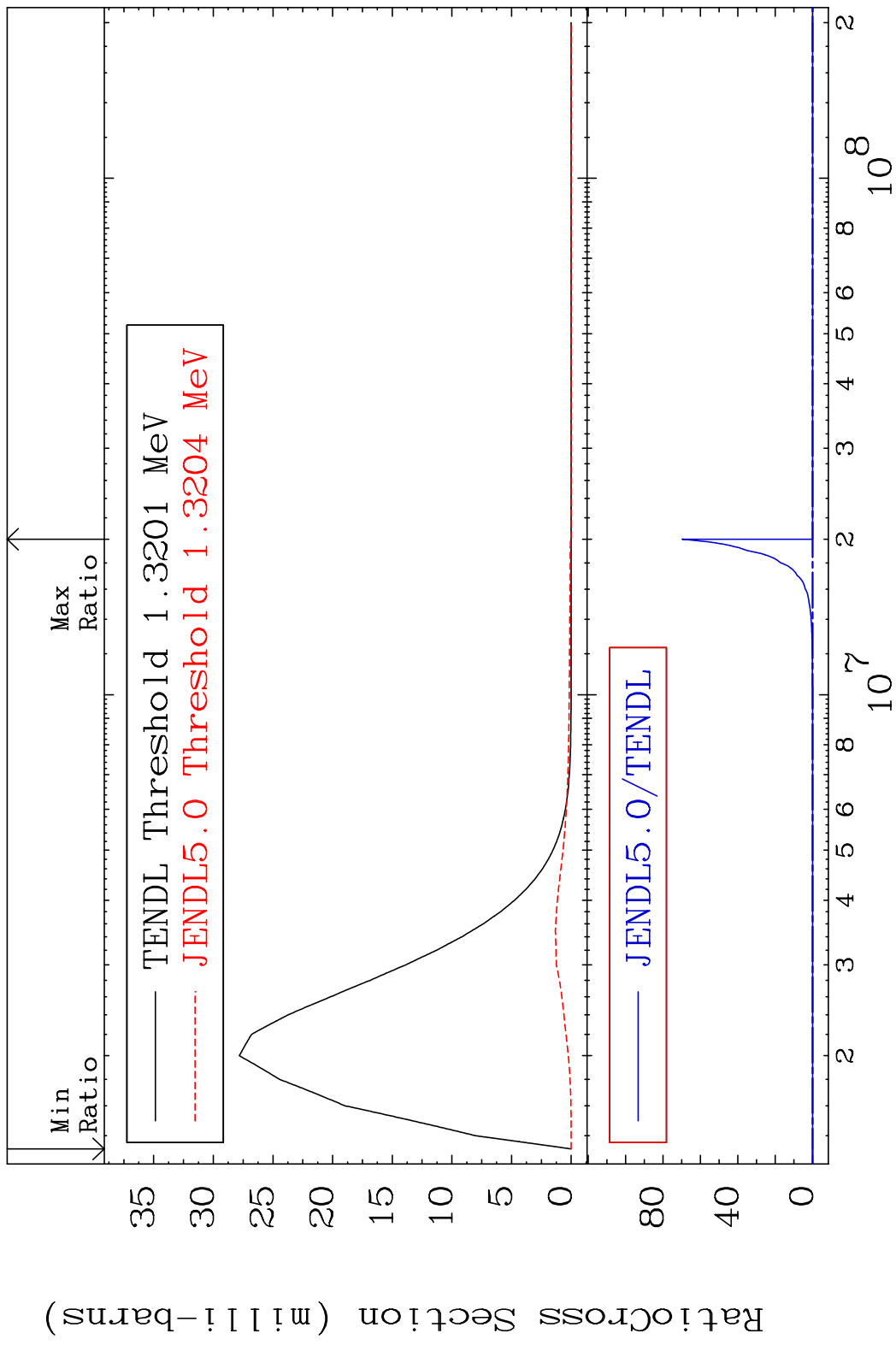
MAT 5046 MT= 61 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



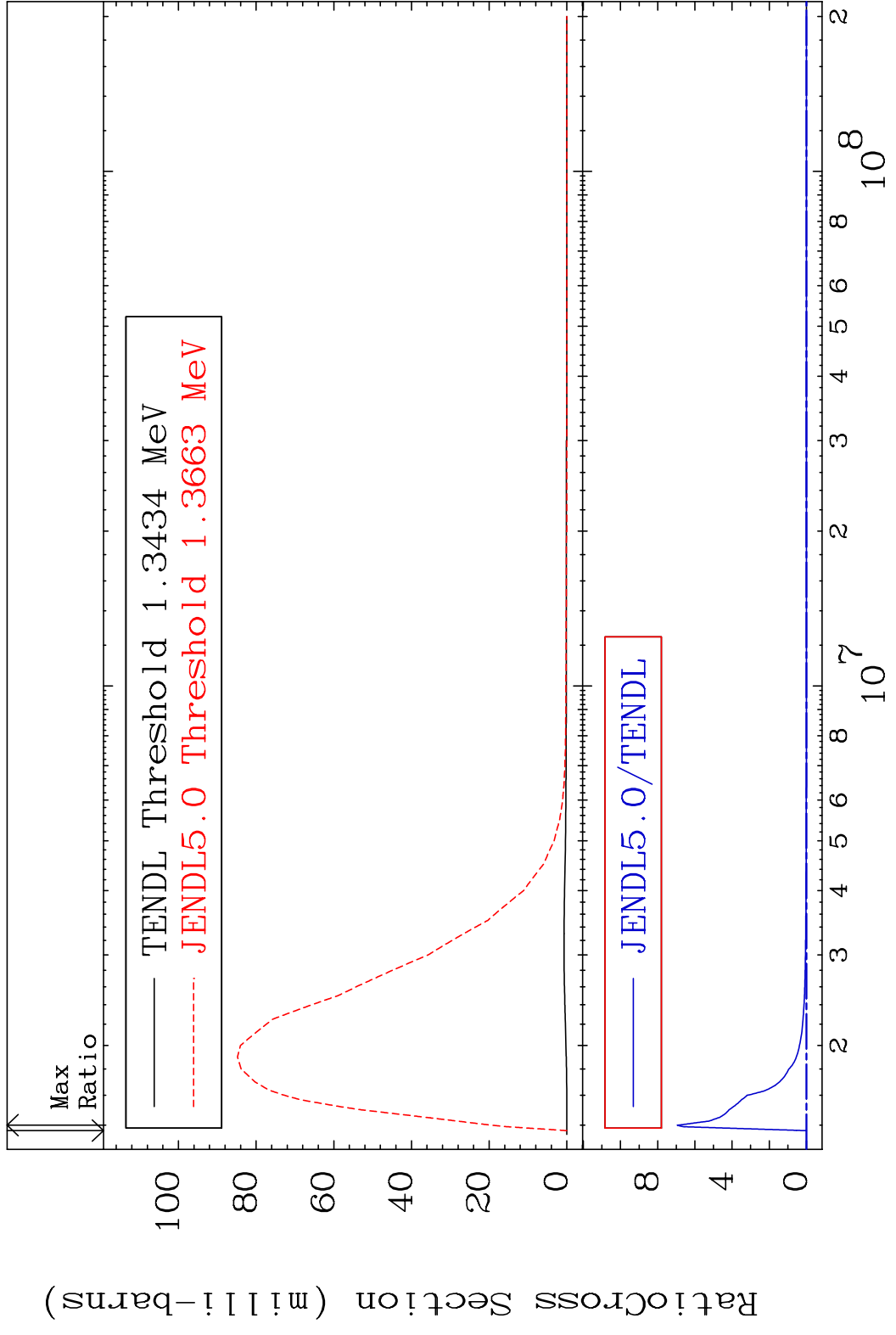
MAT 5046 MT= 62 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



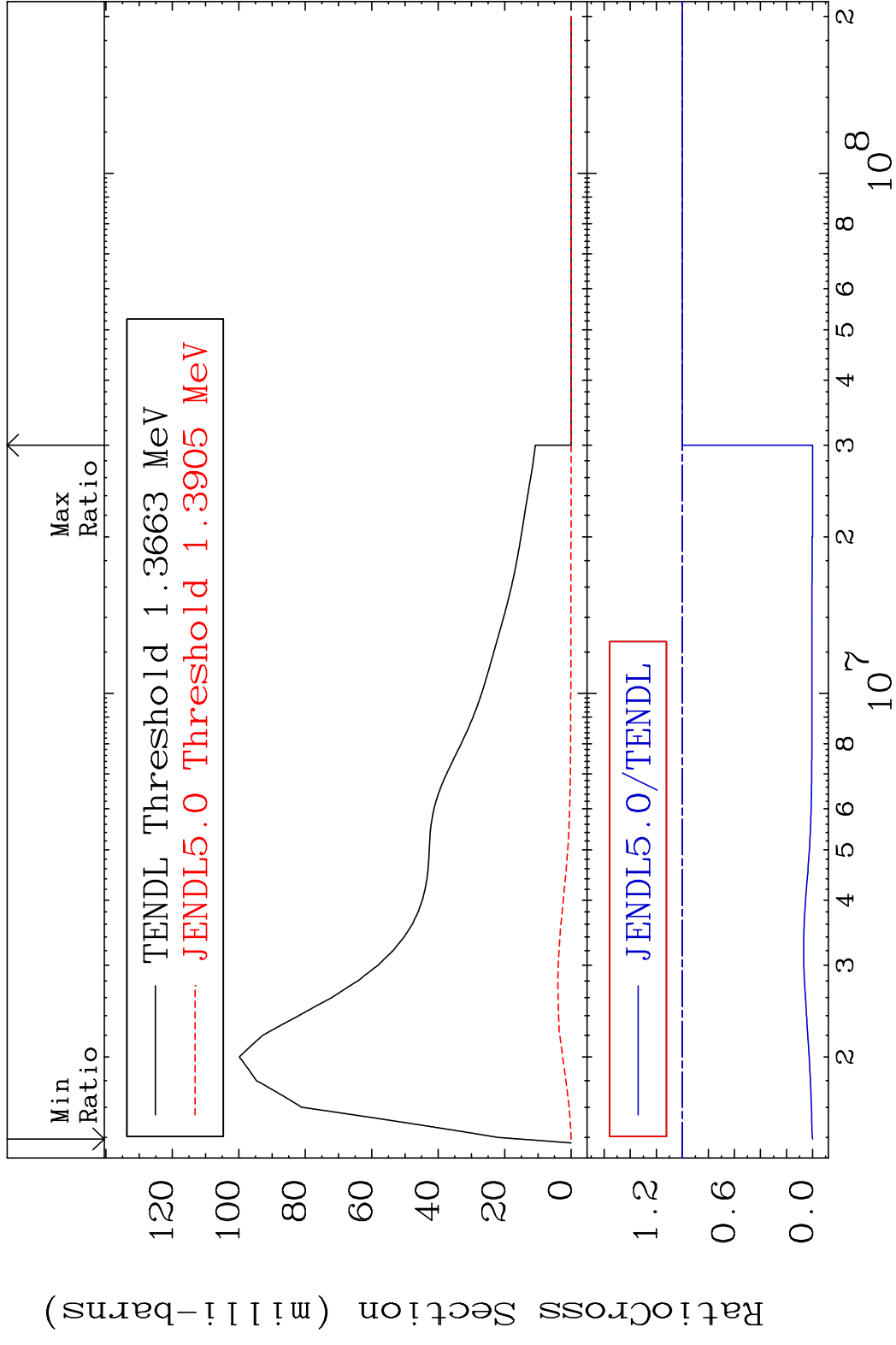
MAT 5046 MT= 63 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



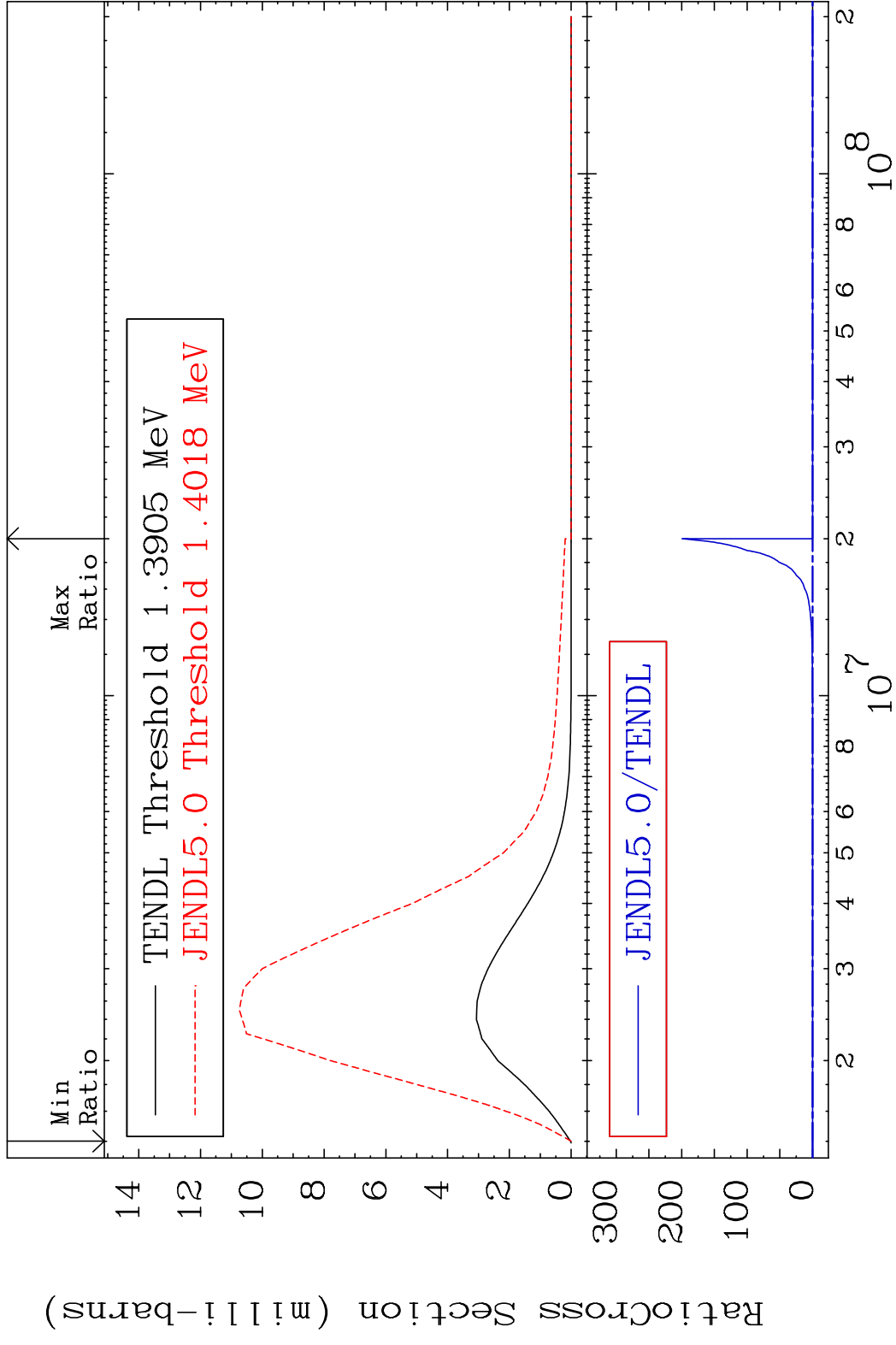
MAT 5046 MT= 64 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



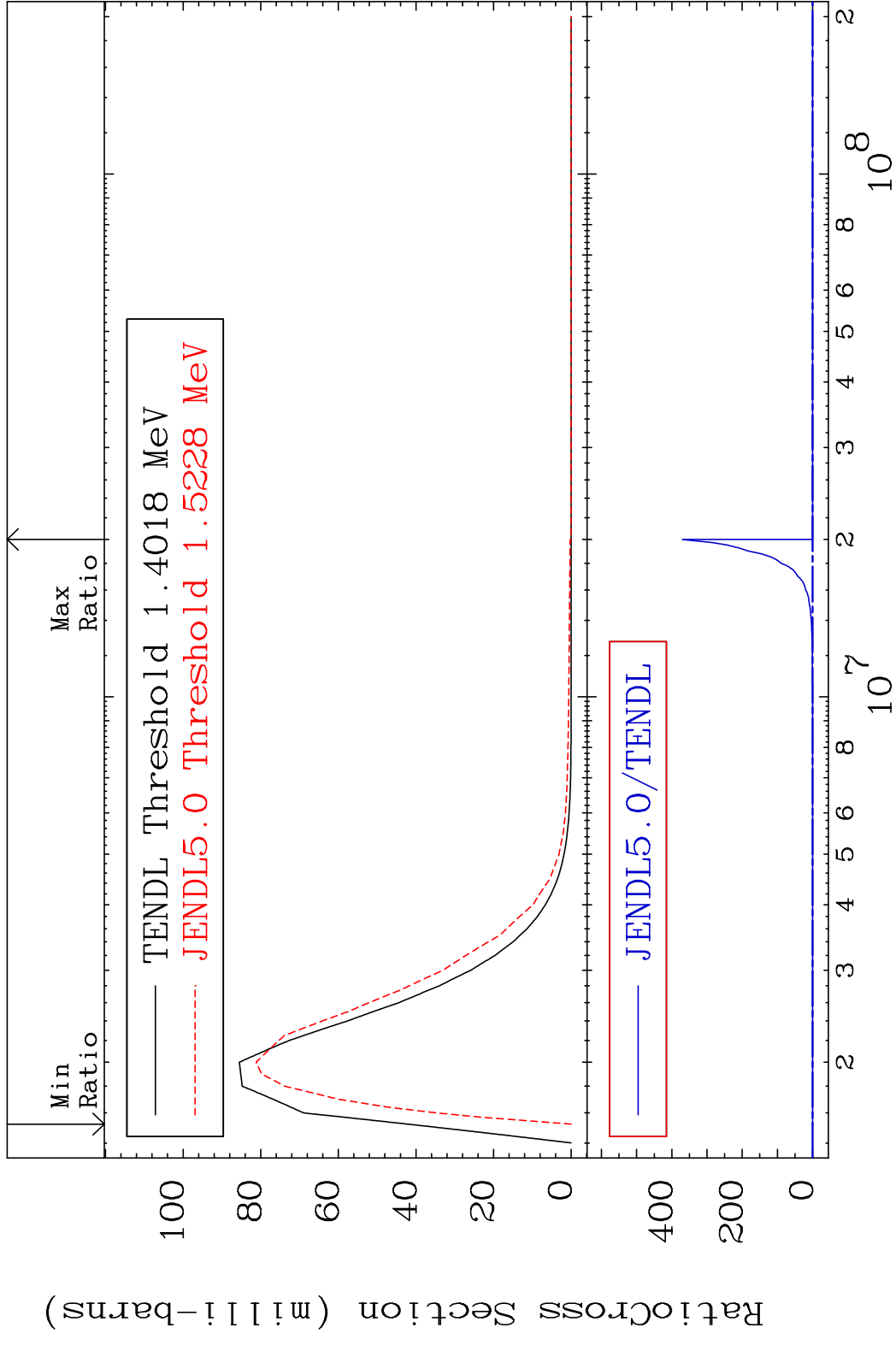
MAT 5046 MT= 65 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 0.000 %



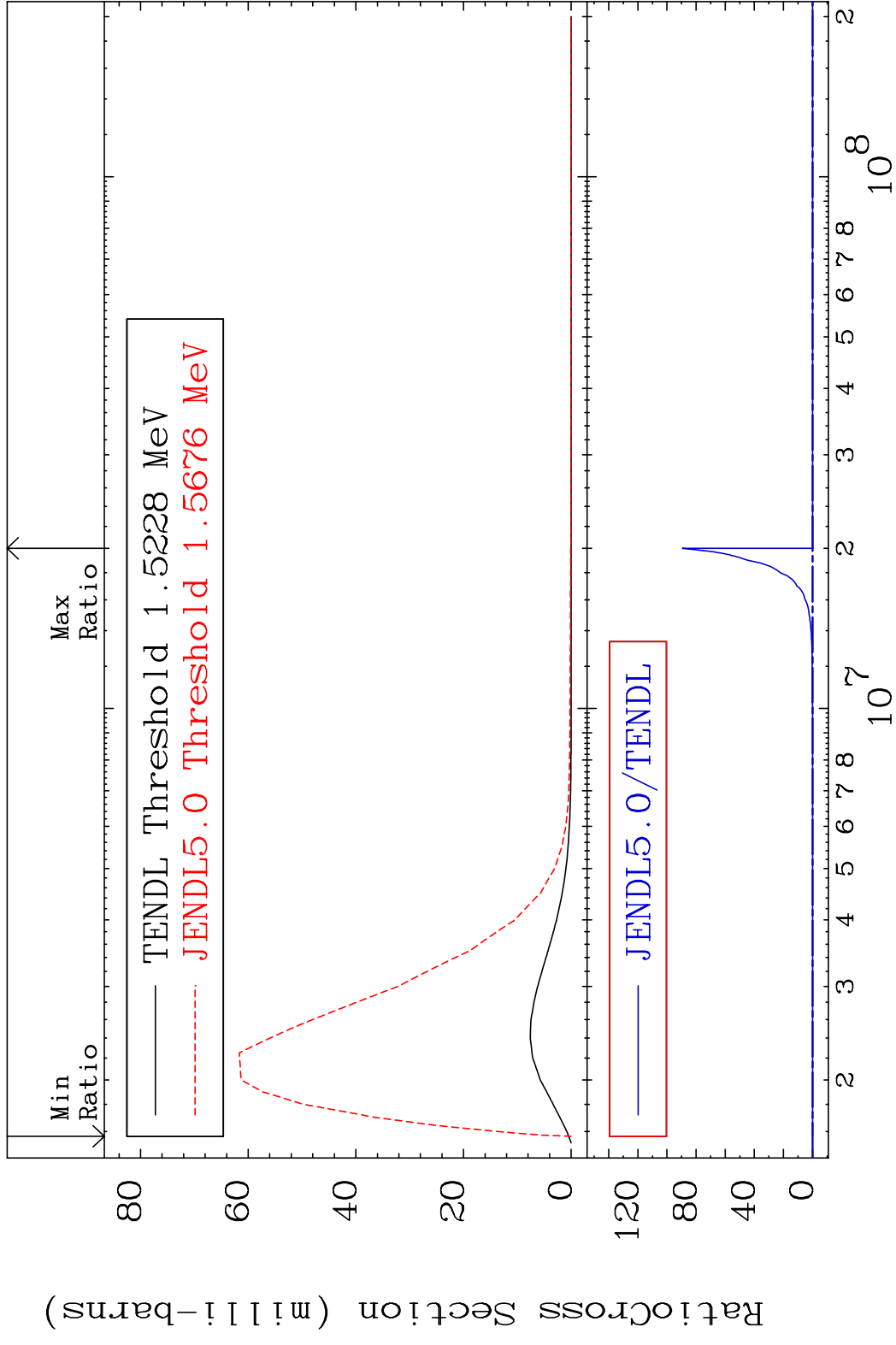
MAT 5046 MT= 66 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



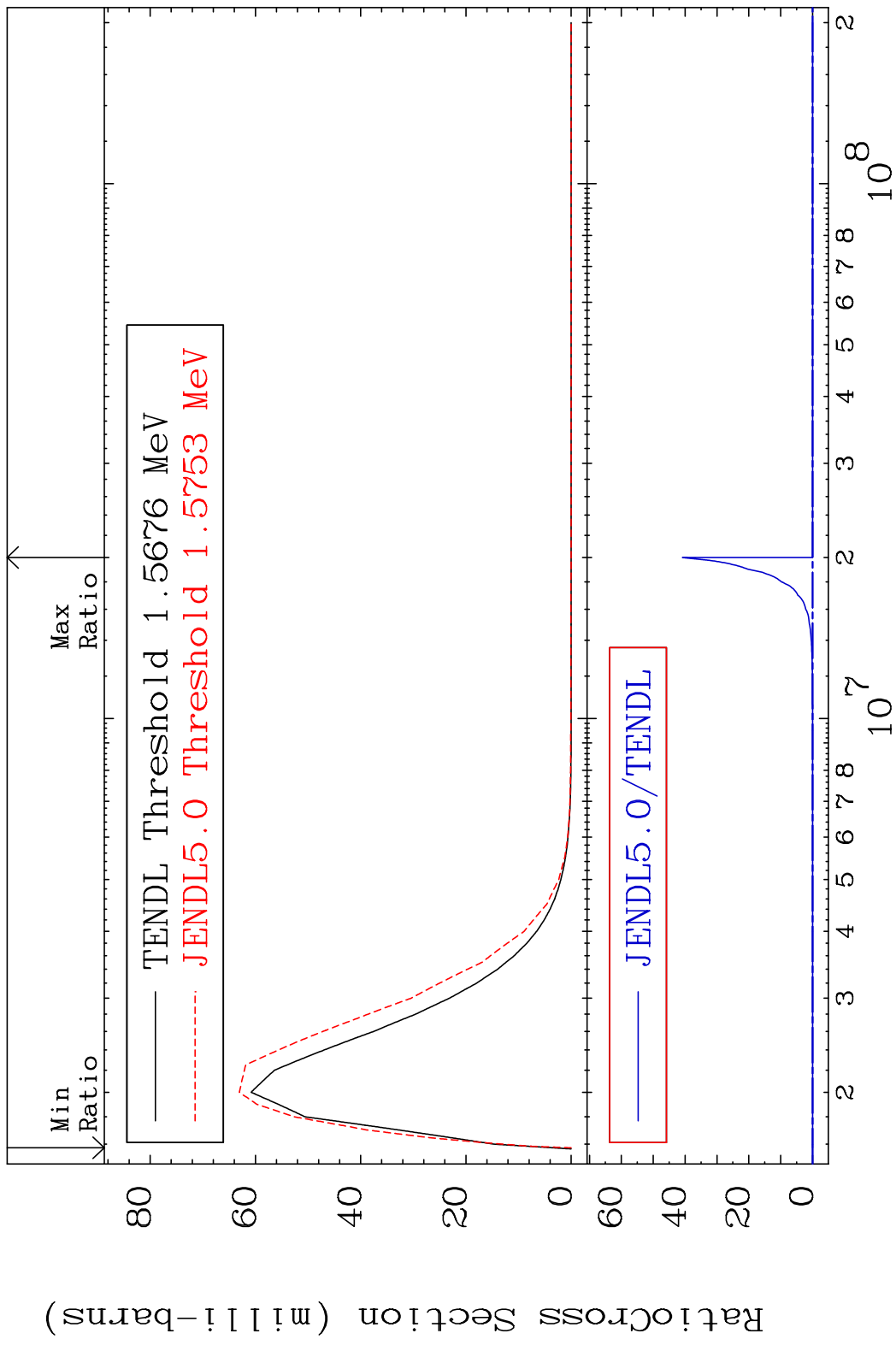
MAT 5046 MT= 67 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



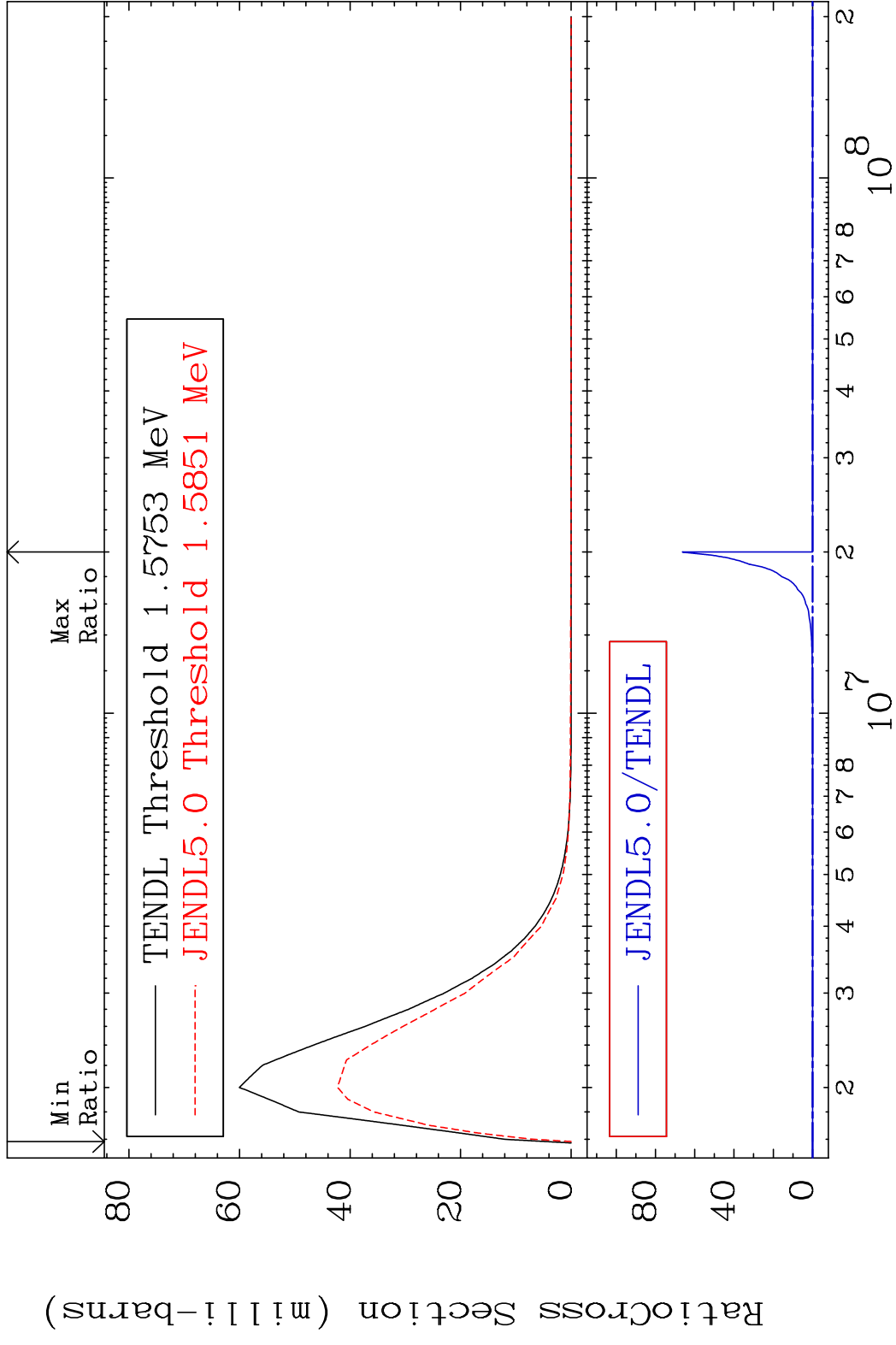
MAT 5046 MT= 68 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



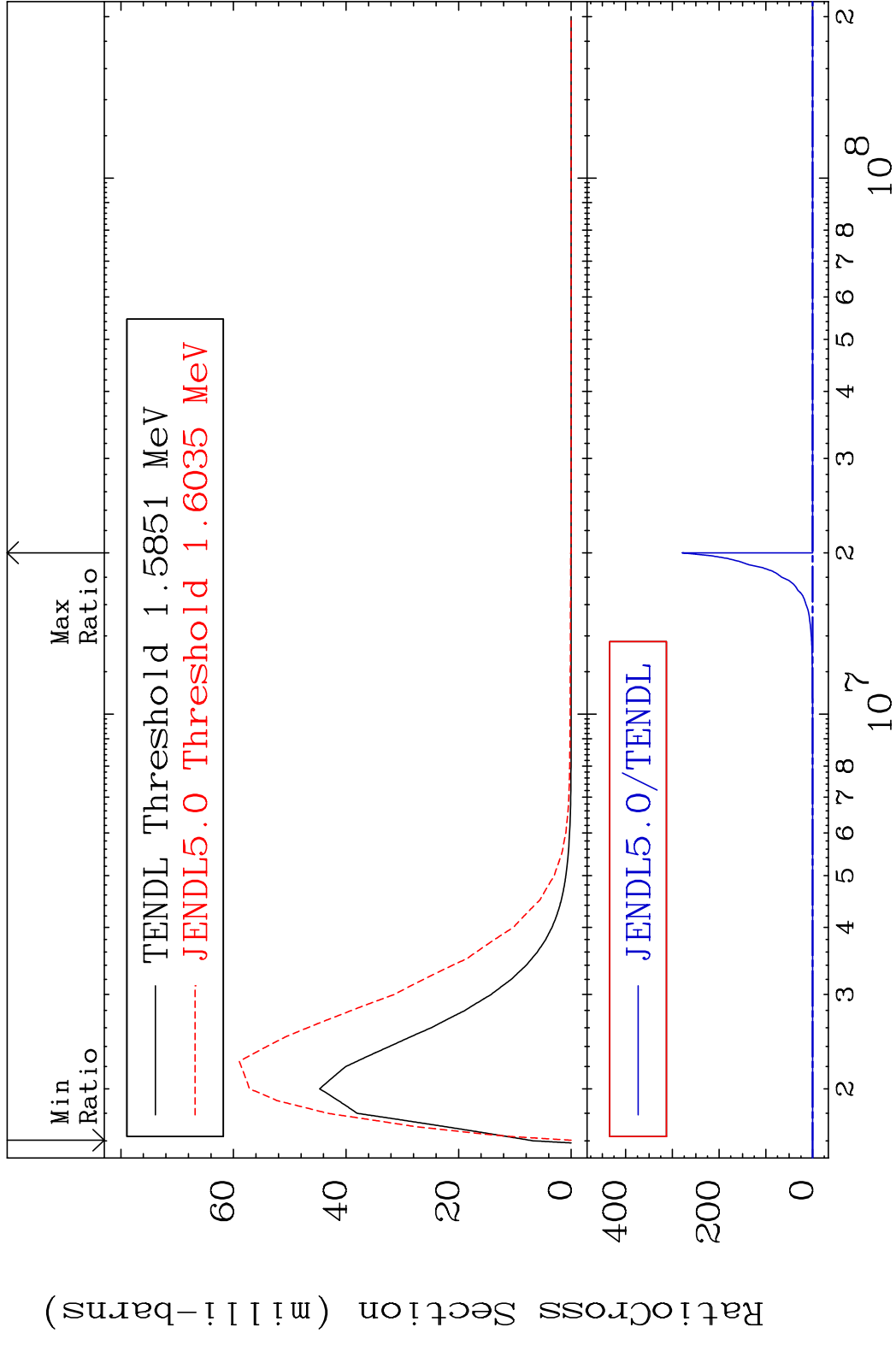
MAT 5046 MT= 69 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



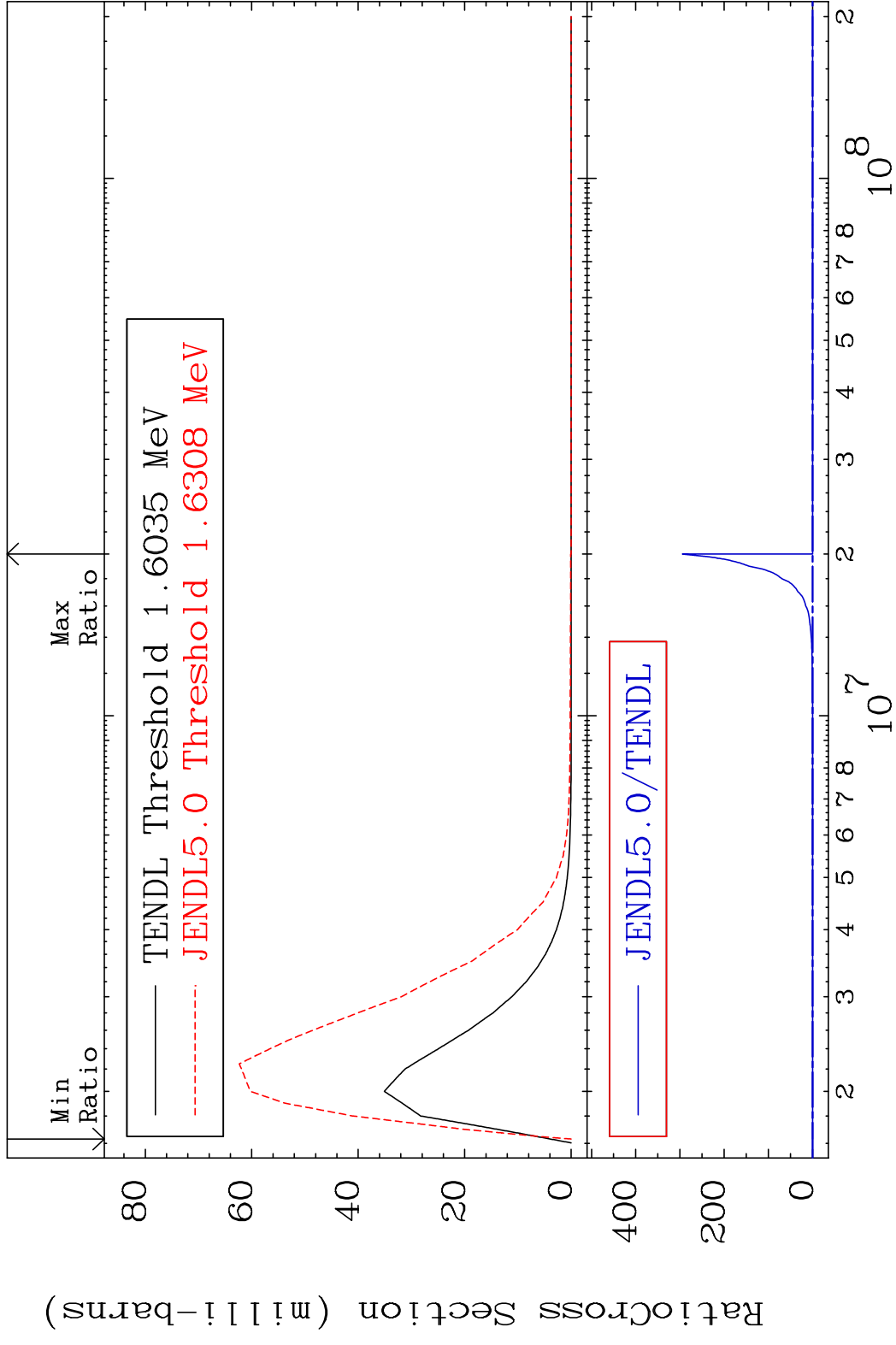
MAT 5046 MT= 70 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



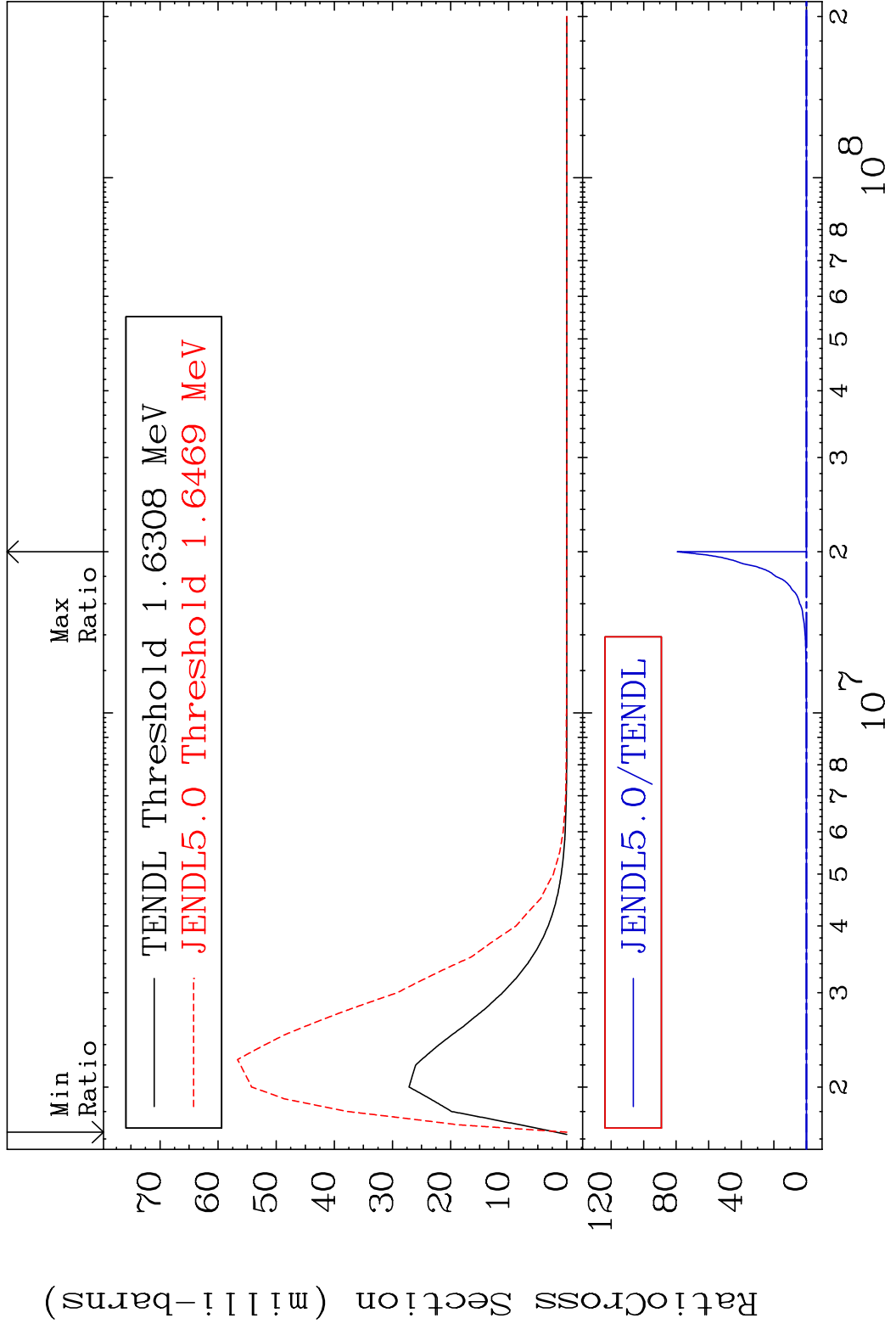
MAT 5046 MT= 71 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



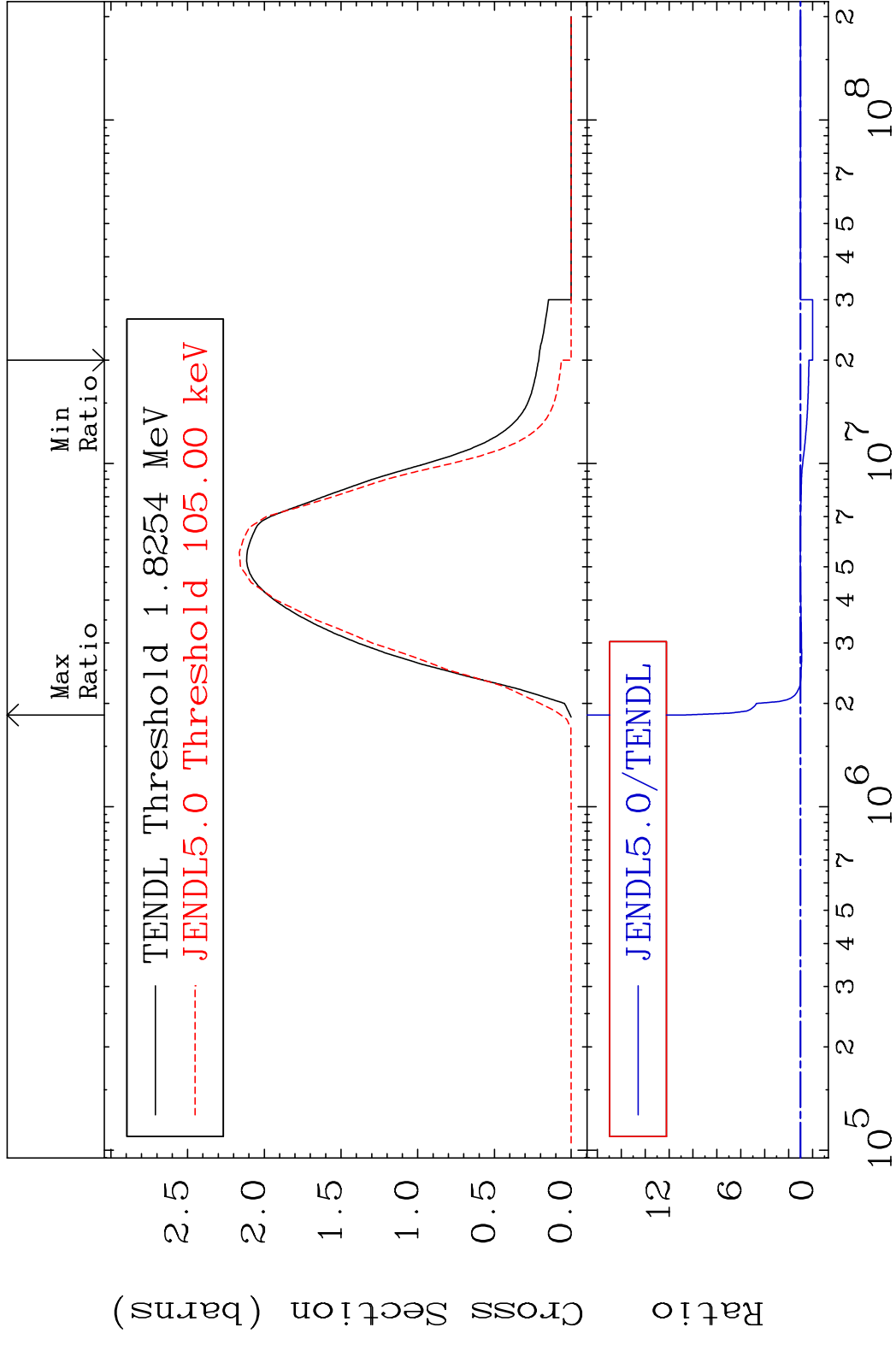
MAT 5046 MT= 72 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



MAT 5046 MT= 73 (n, n') Level 50-Sn-119
 Cross Section -100.0 To 9999. %



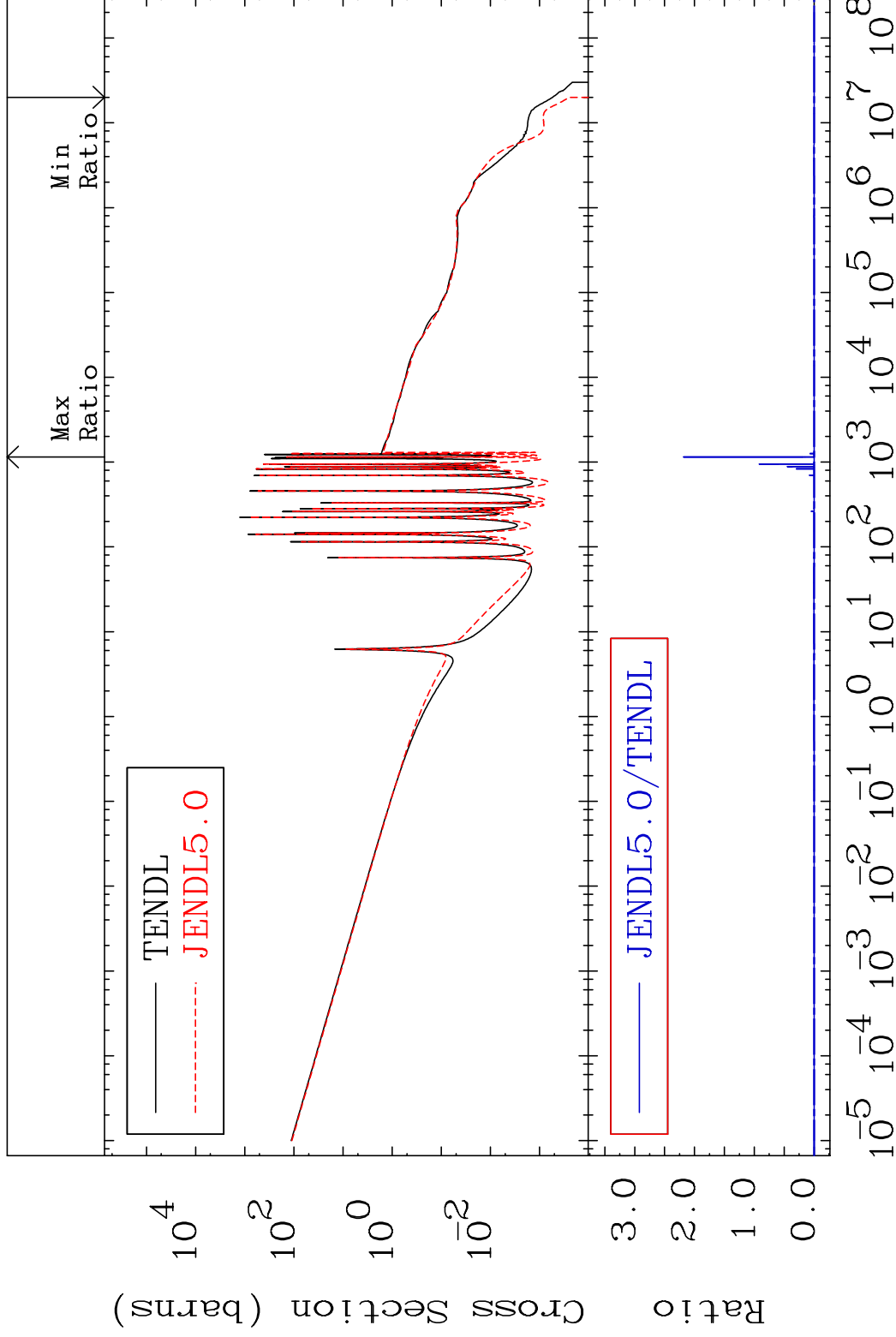
MAT 5046 (n, n') Continuum 50-Sn-119
 Cross Section -100.0 To 988.9 %



MAT 5046

(n, γ)
Cross Section -100.0 To 9999. %

50-Sn-119

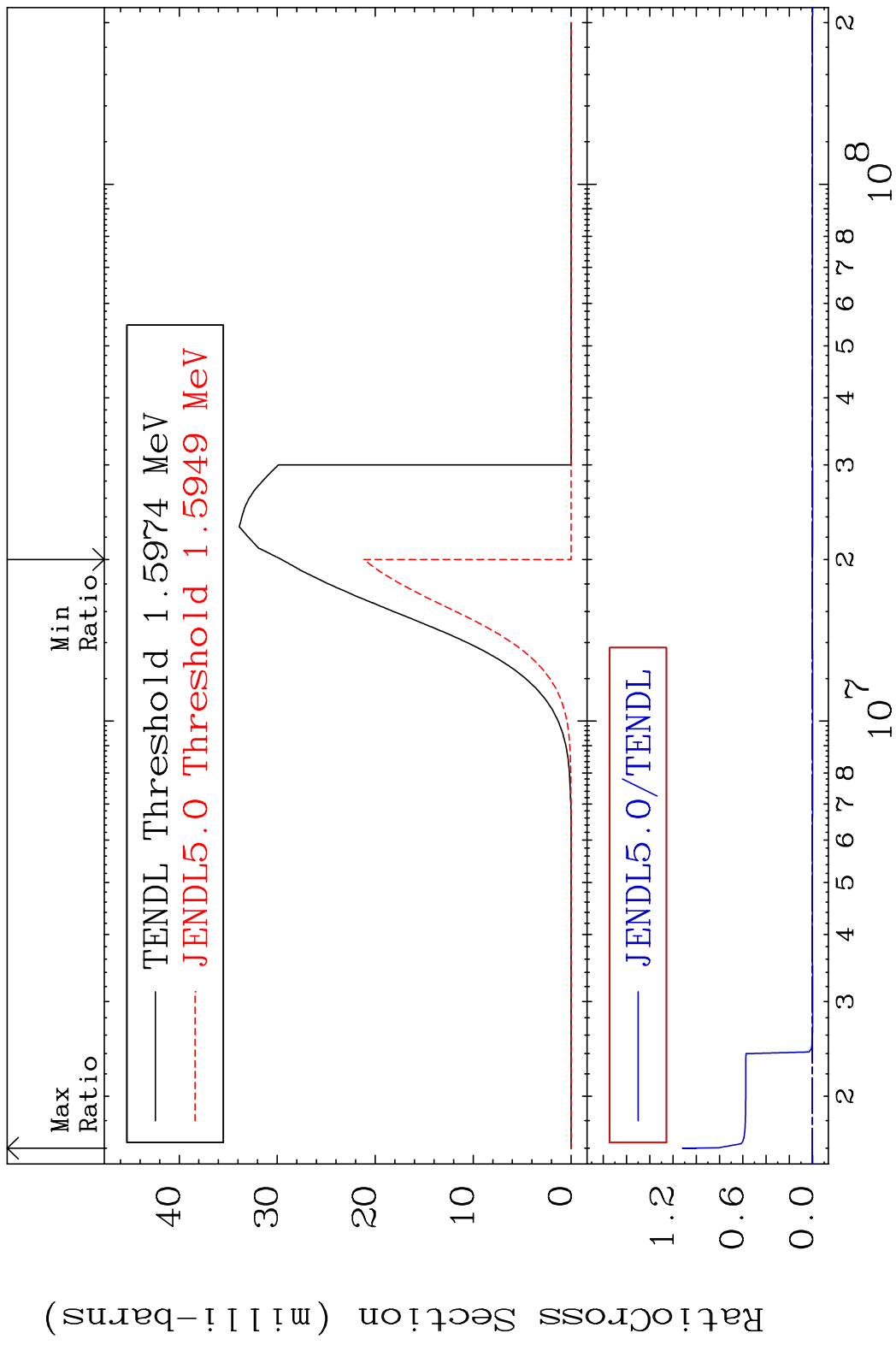


34

Incident Energy (eV)

50-Sn-119

MAT 5046 (n,p) 50-Sn-119
 Cross Section -100.0 To 9999. %

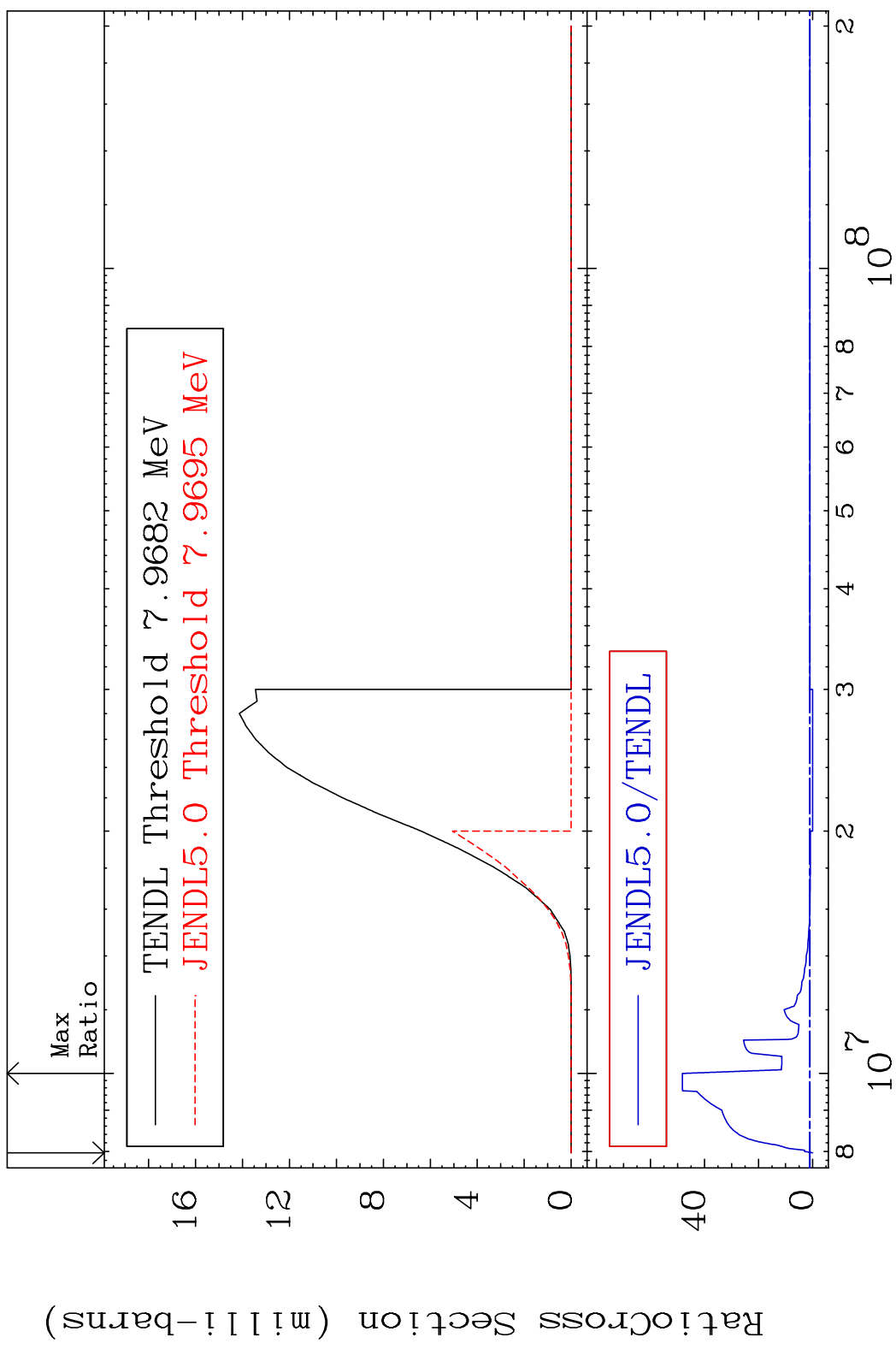


MAT 5046

(n,d)

50-Sn-119

Cross Section -100.0 To 4721. %

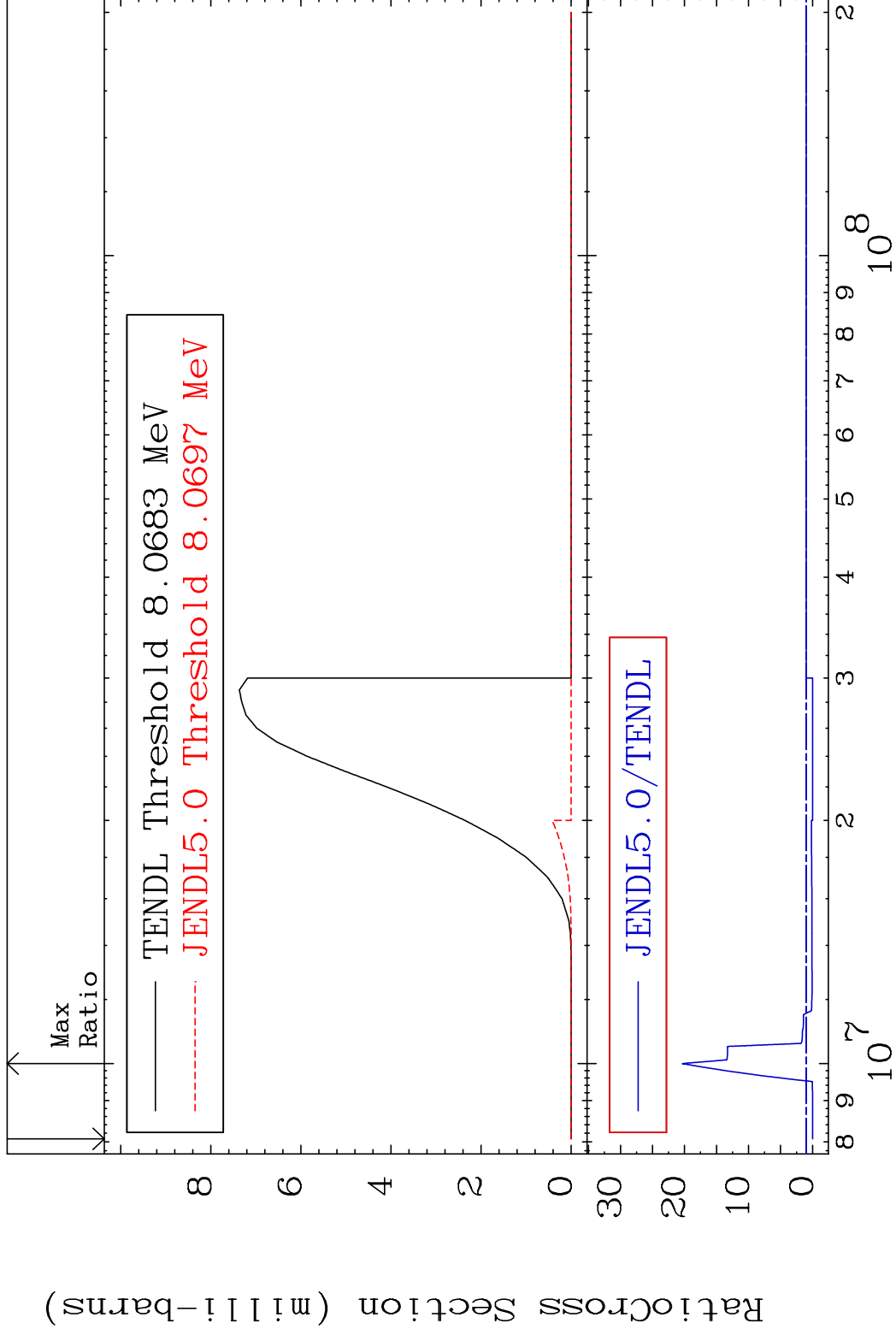


MAT 5046

(n, t)

50-Sn-119

Cross Section -100.0 To 1934. %

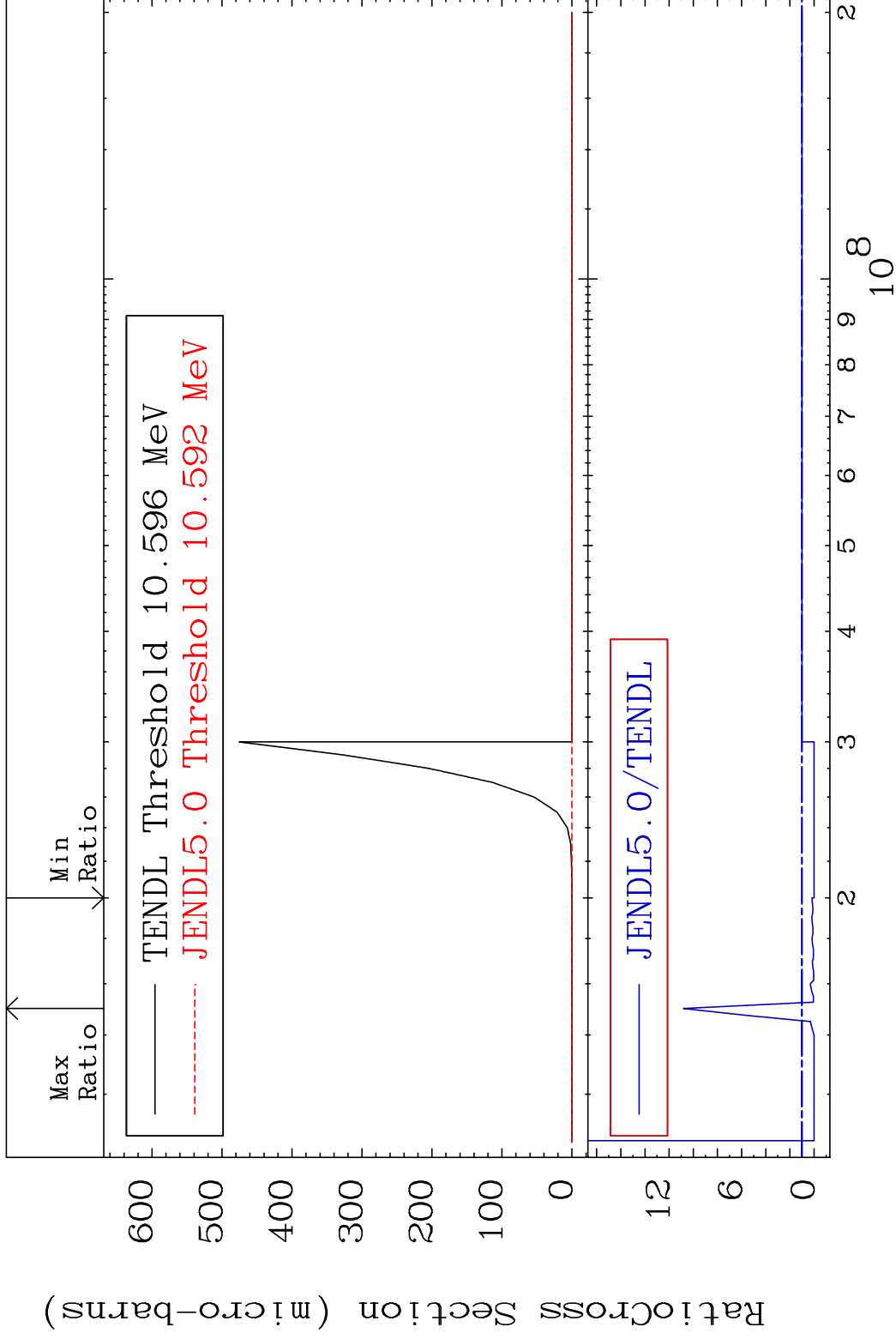


MAT 5046

(n, He-3)

50-Sn-119

Cross Section -100.0 To 981.3 %



38

Incident Energy (eV)

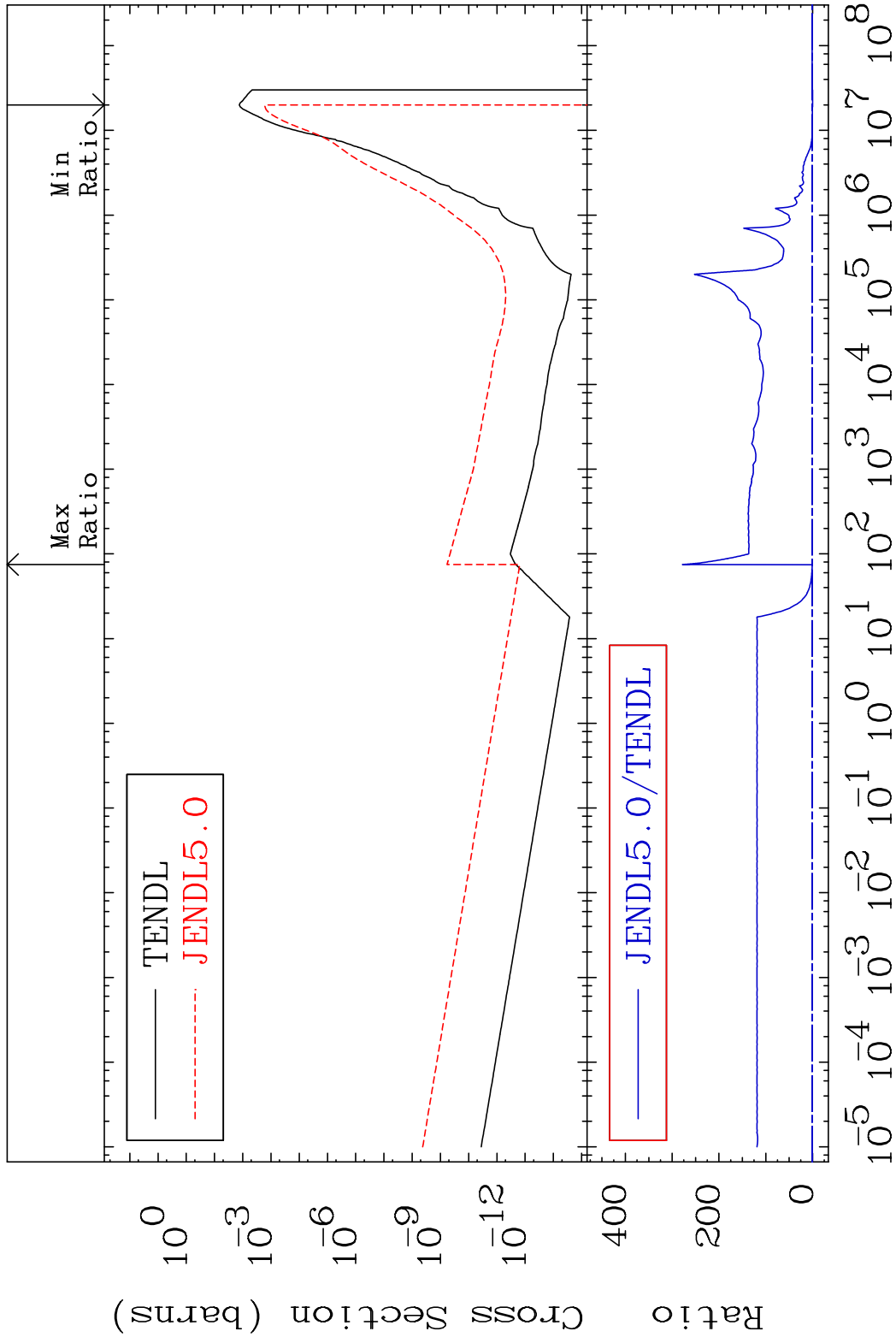
50-Sn-119

MAT 5046

(n, α)

50-Sn-119

Cross Section -100.0 To 9999. %

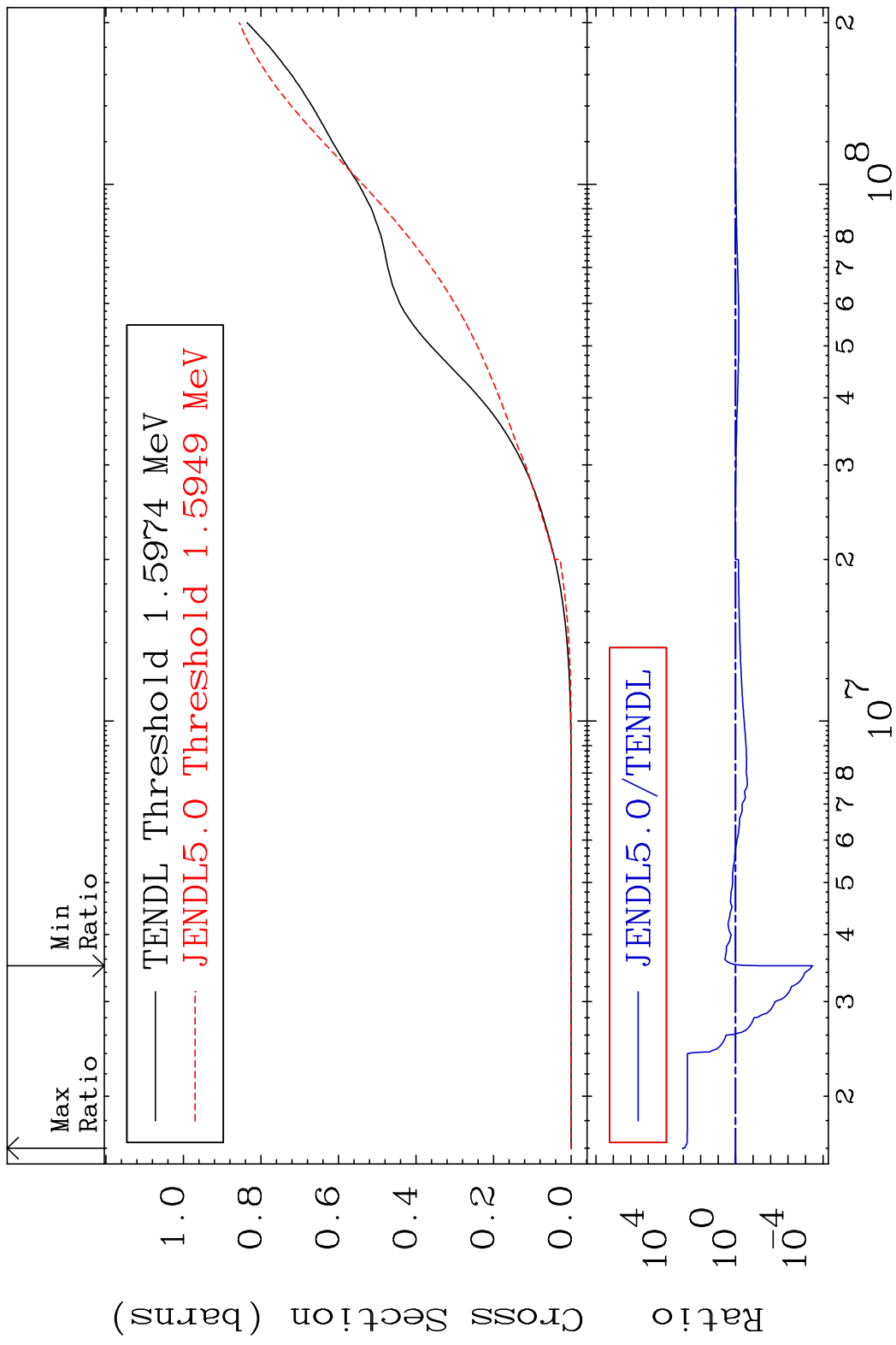


39

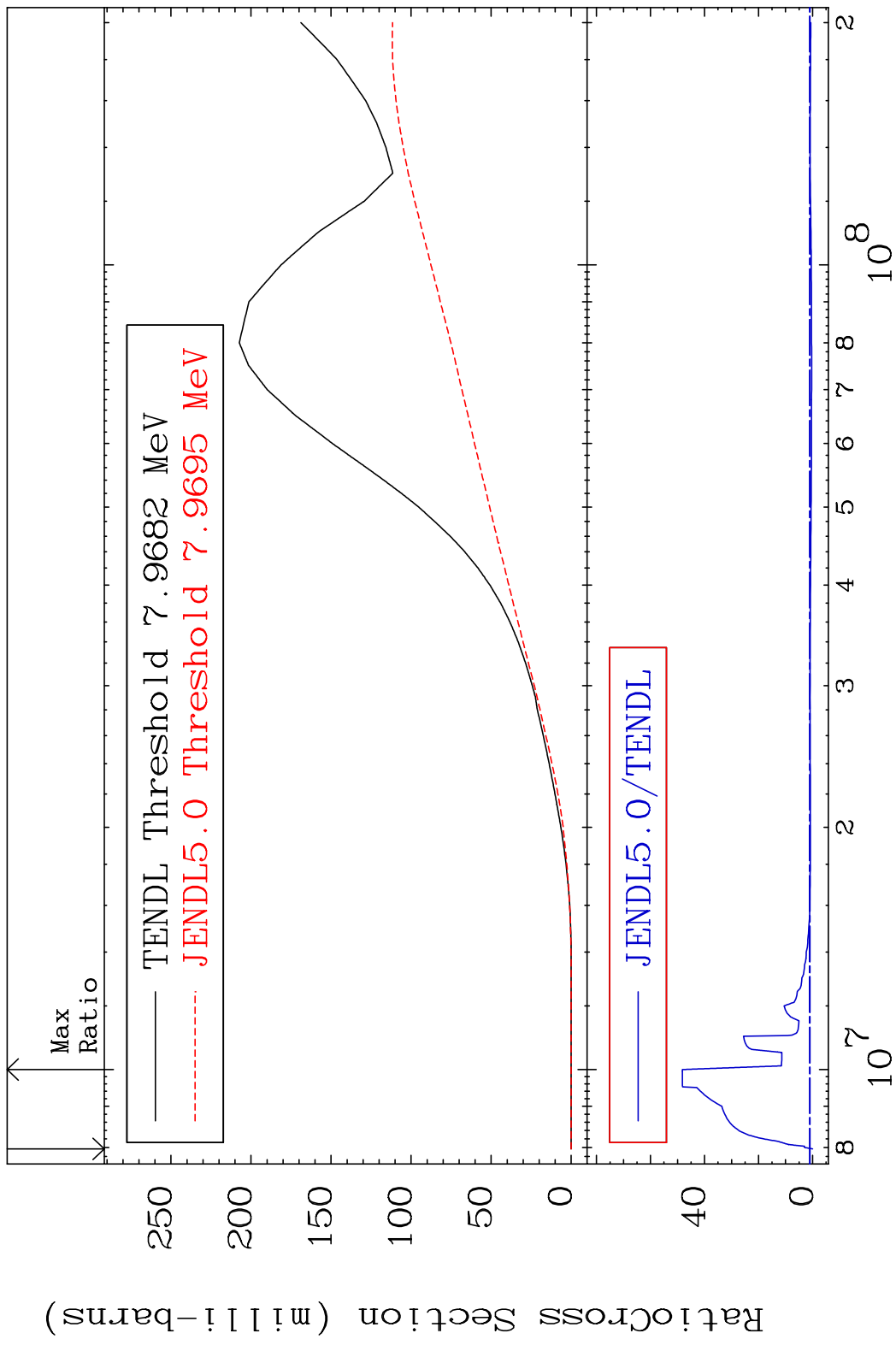
Incident Energy (eV)

50-Sn-119

MAT 5046 Hydrogen Production 50-Sn-119
Cross Section -100.0 To 9999. %

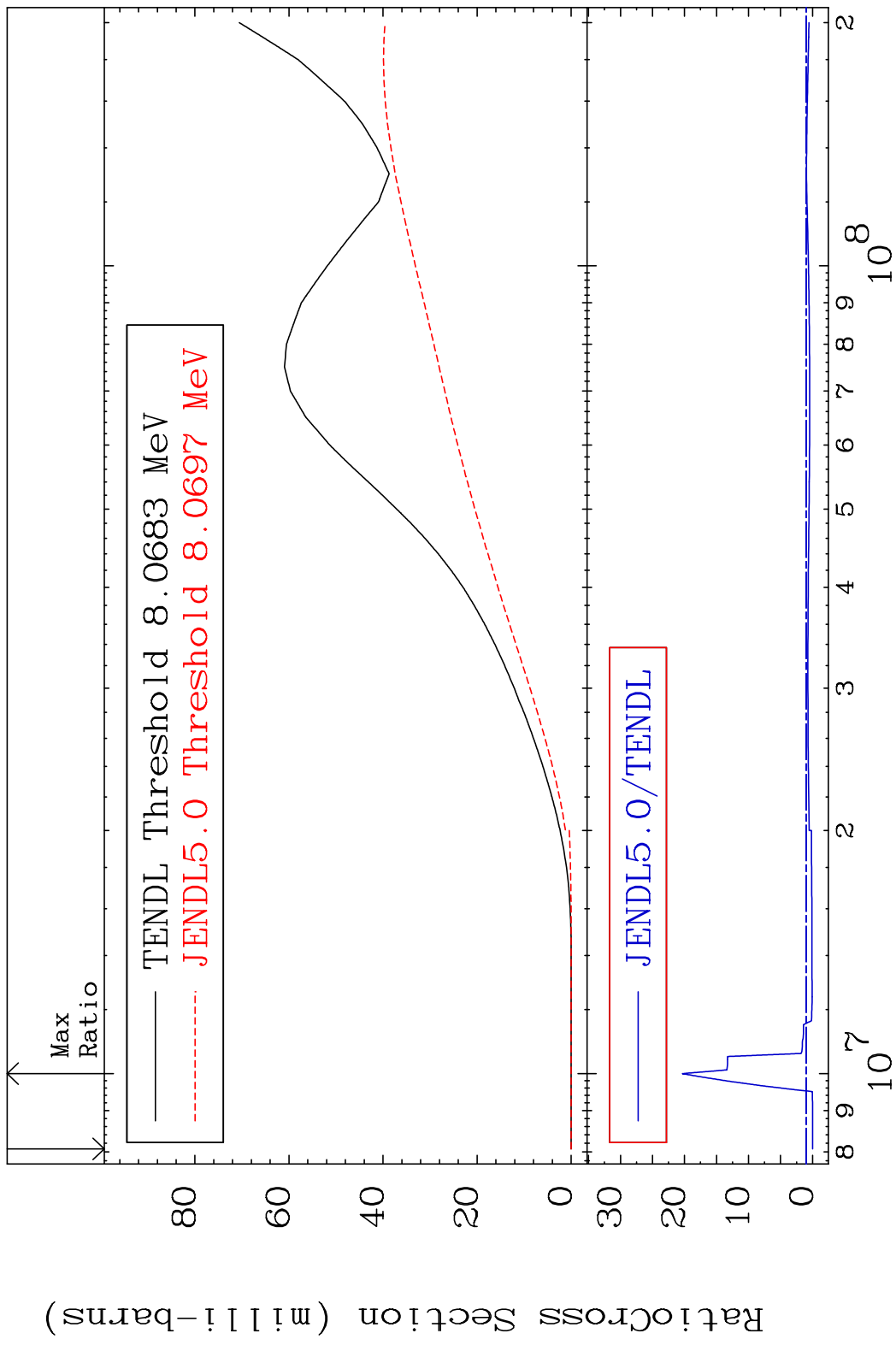


MAT 5046 Deuterium Production 50-Sn-119
 Cross Section -100.0 To 4721. %



41 Incident Energy (eV) 50-Sn-119

MAT 5046 Tritium Production 50-Sn-119
 Cross Section -100.0 To 1934. %



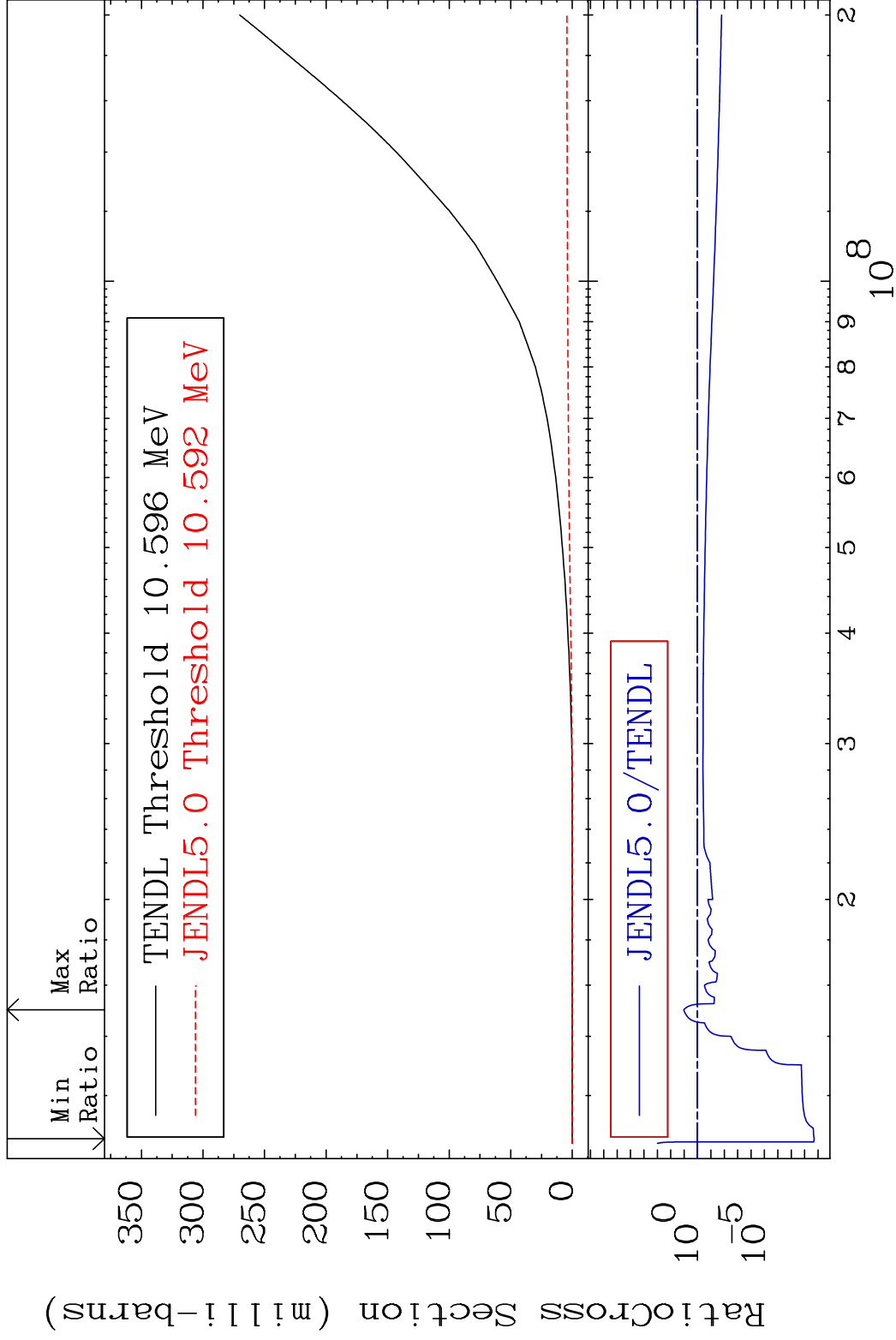
42 50-Sn-119

MAT 5046

He-3 Production

50-Sn-119

Cross Section -100.0 To 981.3 %

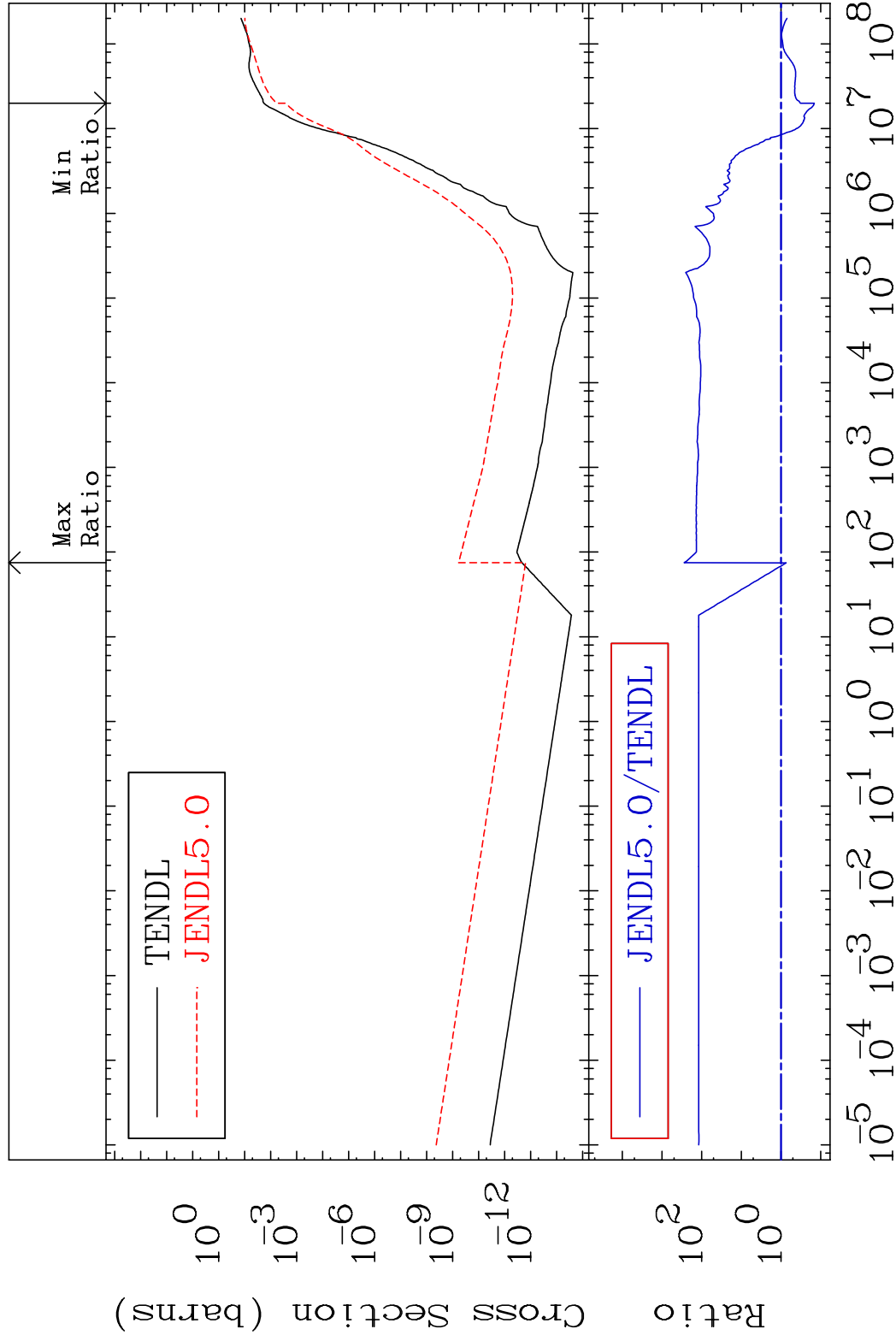


MAT 5046

He-4 Production

50-Sn-119

Cross Section -85.54 To 9999. %

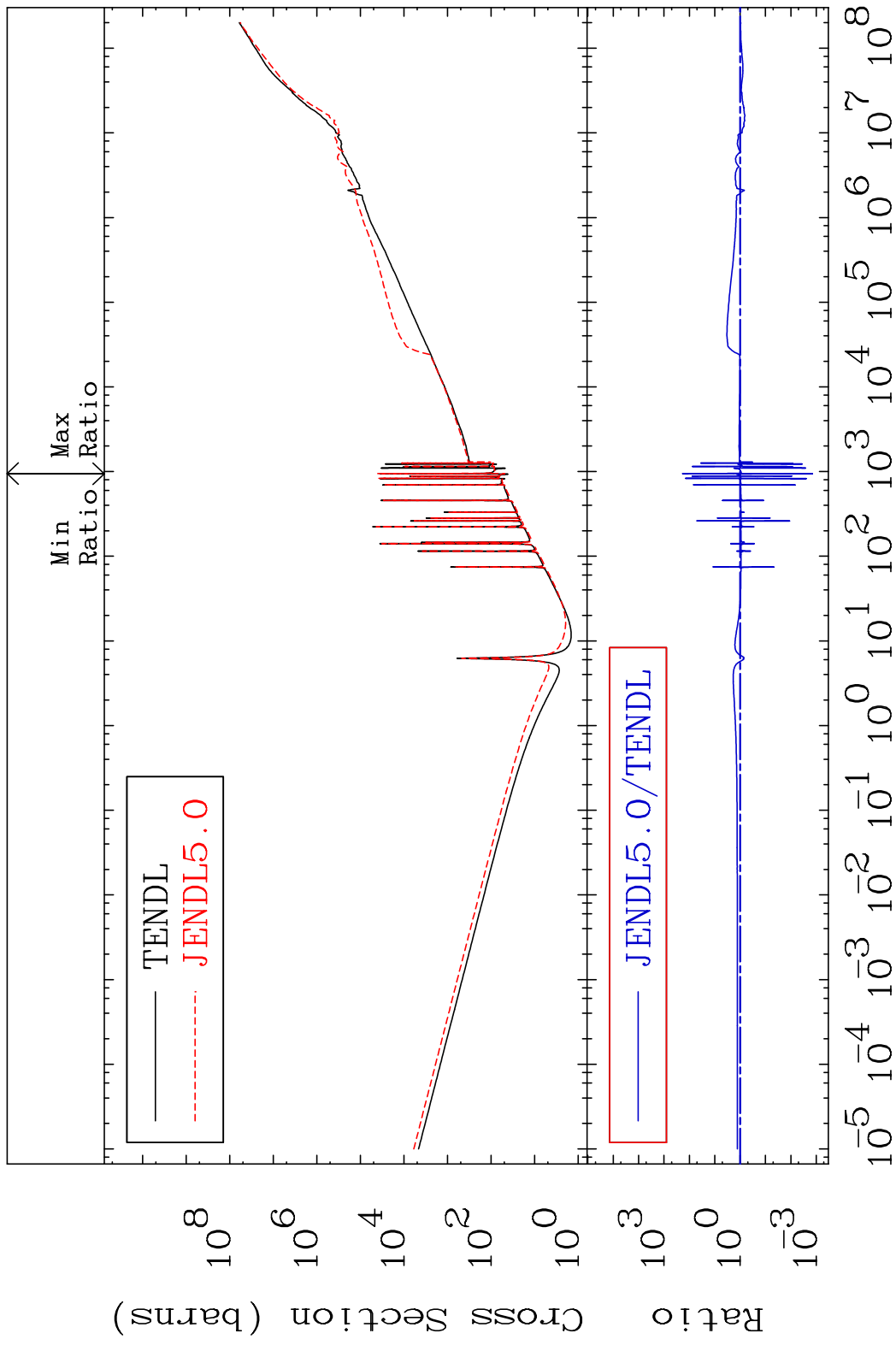


44

Incident Energy (eV)

50-Sn-119

MAT 5046 Kerma total (eV-barns) 50-Sn-119
 Cross Section -99.86 To 9999. %

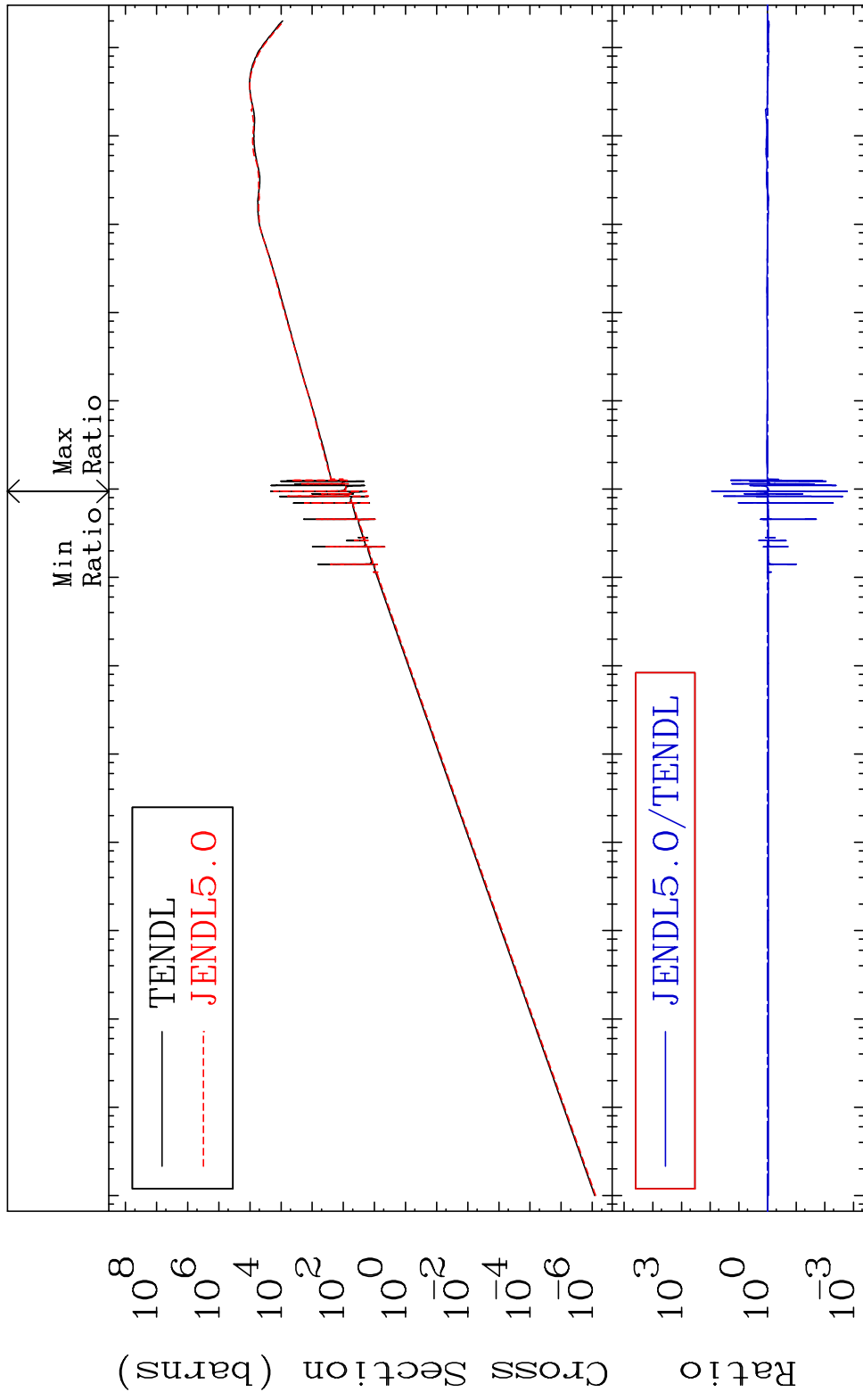


MAT 5046

Kerma elastic

50-Sn-119

Cross Section -99.84 To 8872. %

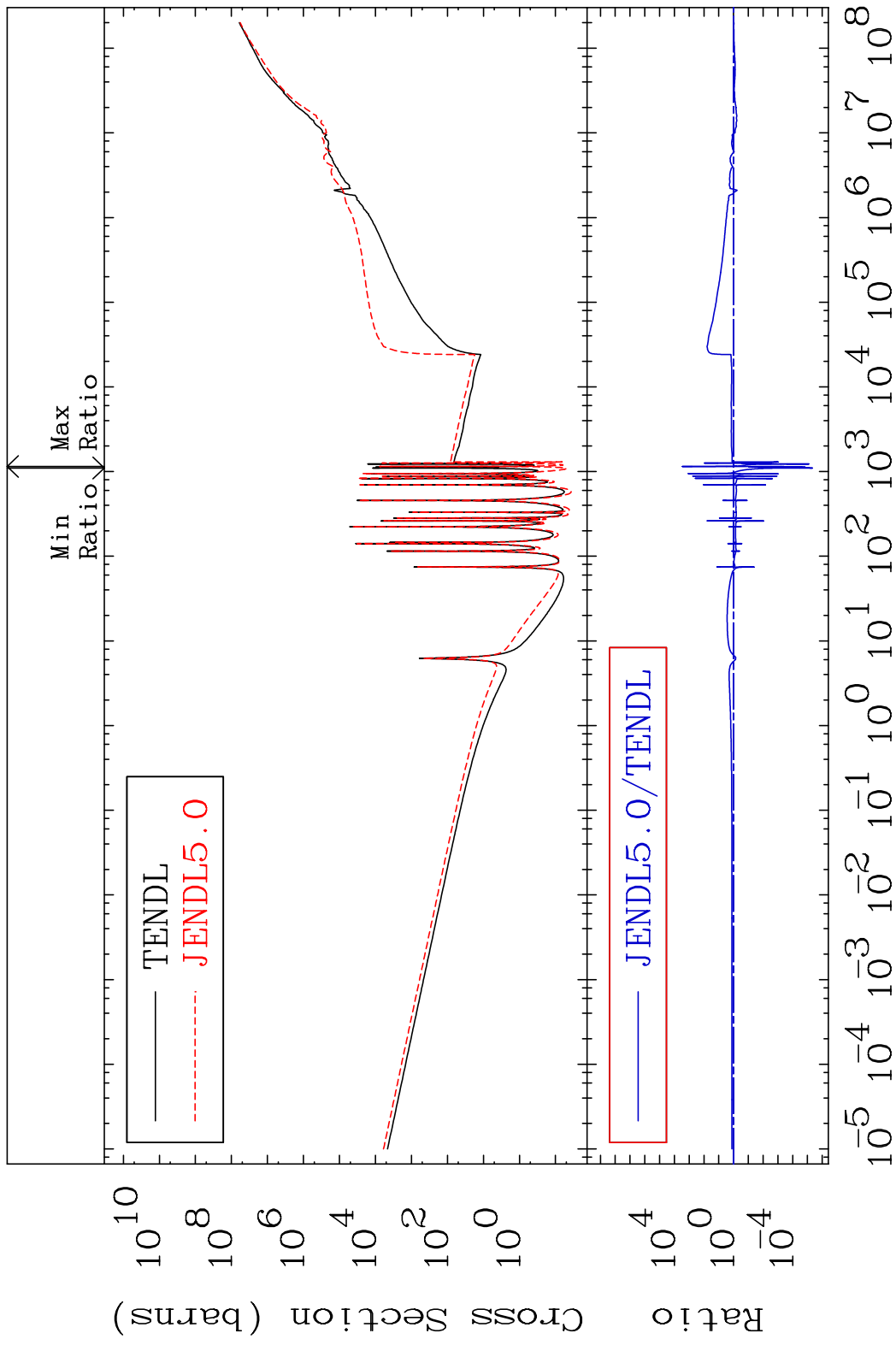


46

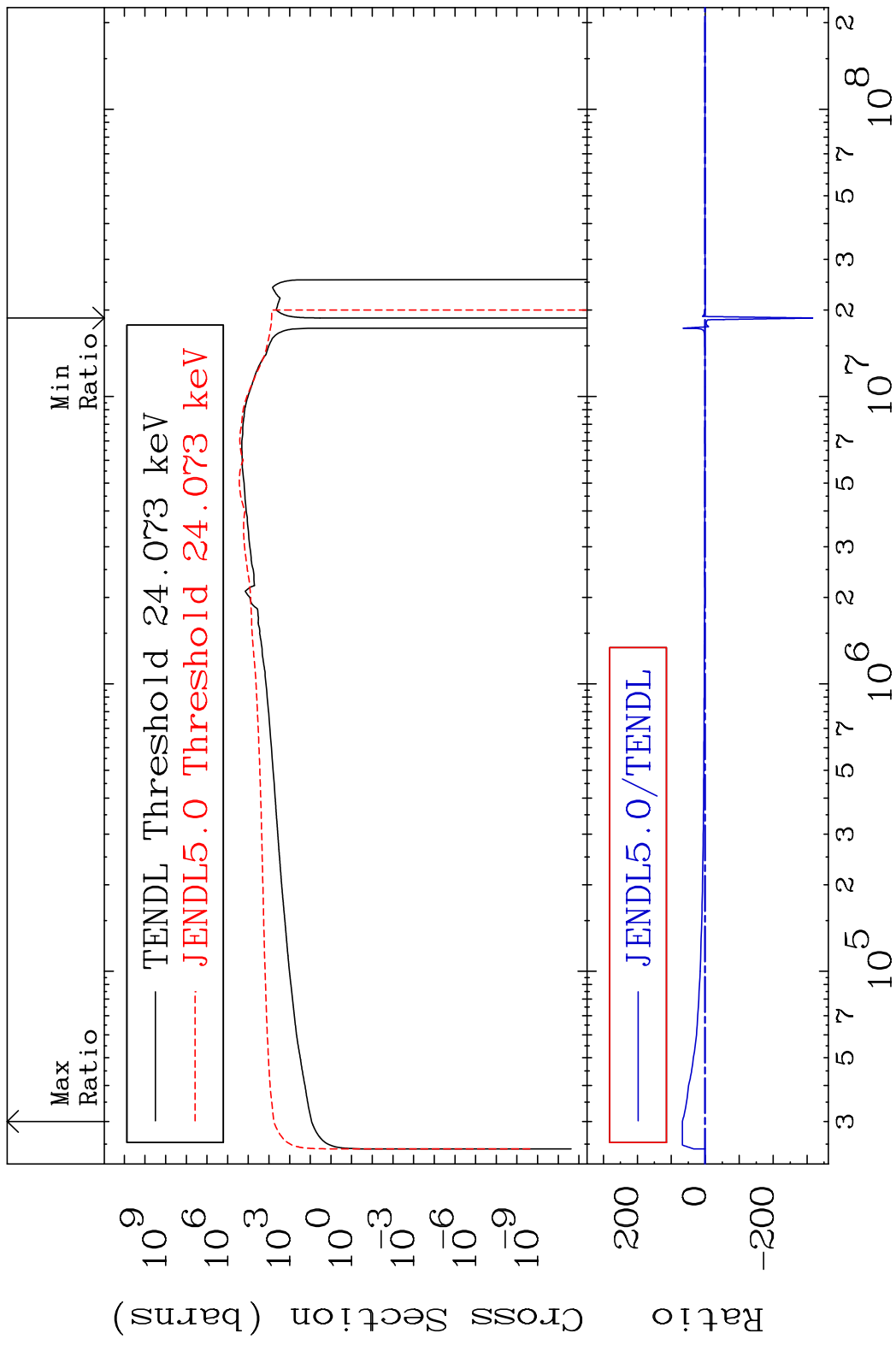
Incident Energy (eV)

50-Sn-119

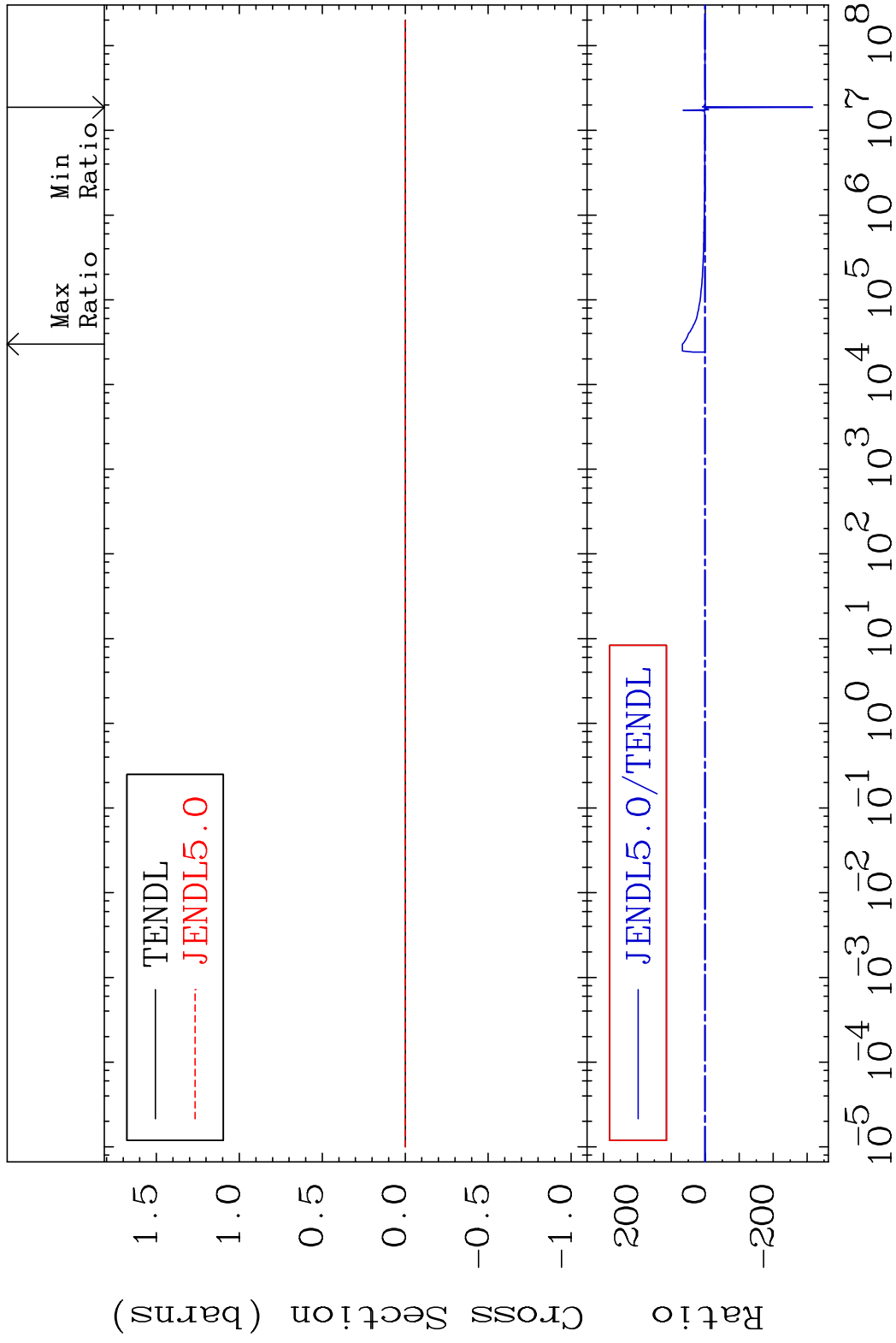
MAT 5046 Kerma non-elastic (all but mt2) 50-Sn-119
 Cross Section -100.0 To 9999. %



MAT 5046 Kerma inelastic (mt51-91) 50-Sn-119
 Cross Section -9999. To 6648. %



MAT 5046 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-119
 Cross Section -9999. To 6648. %

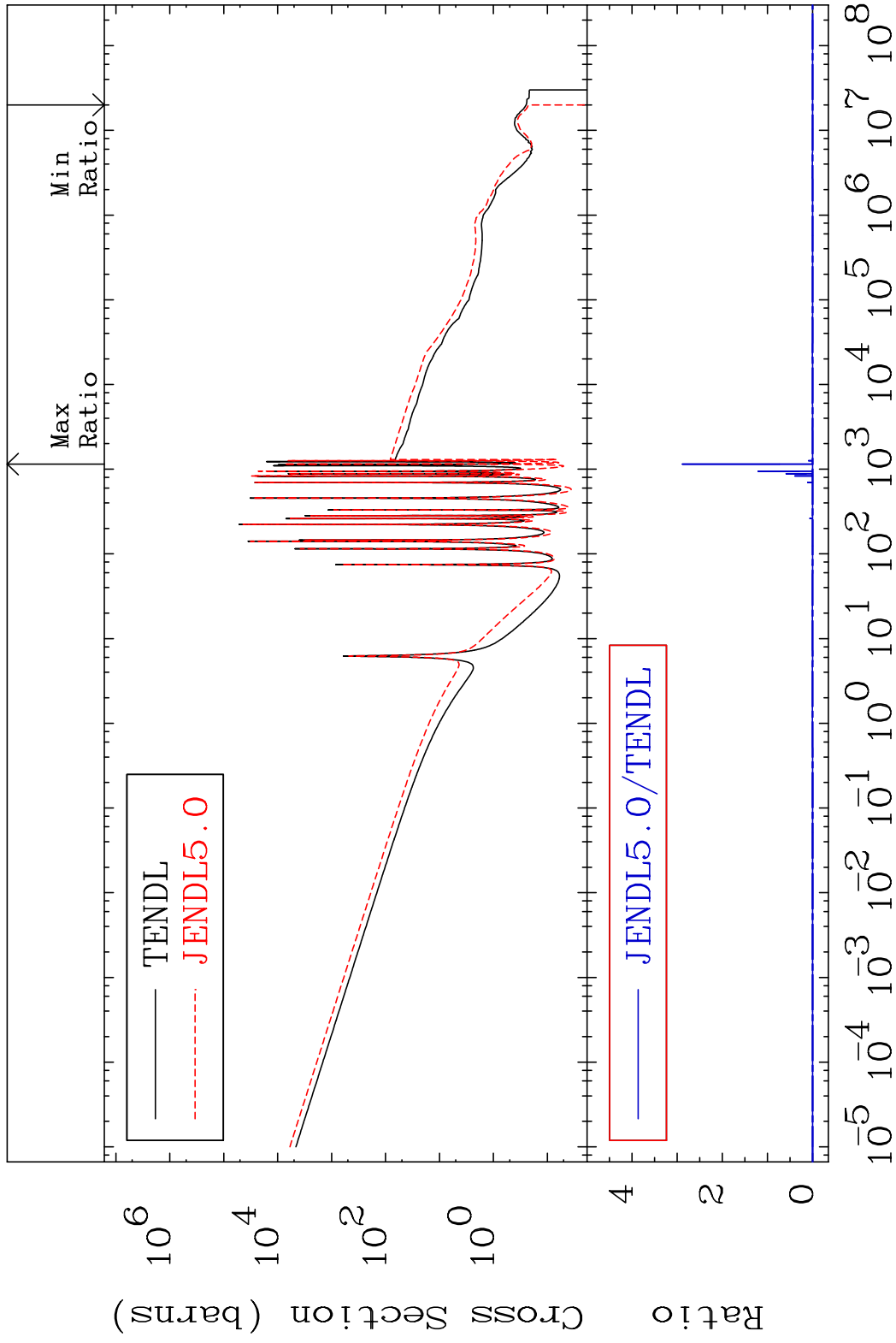


MAT 5046

Kerma capture (mt102)

50-Sn-119

Cross Section -100.0 To 9999. %

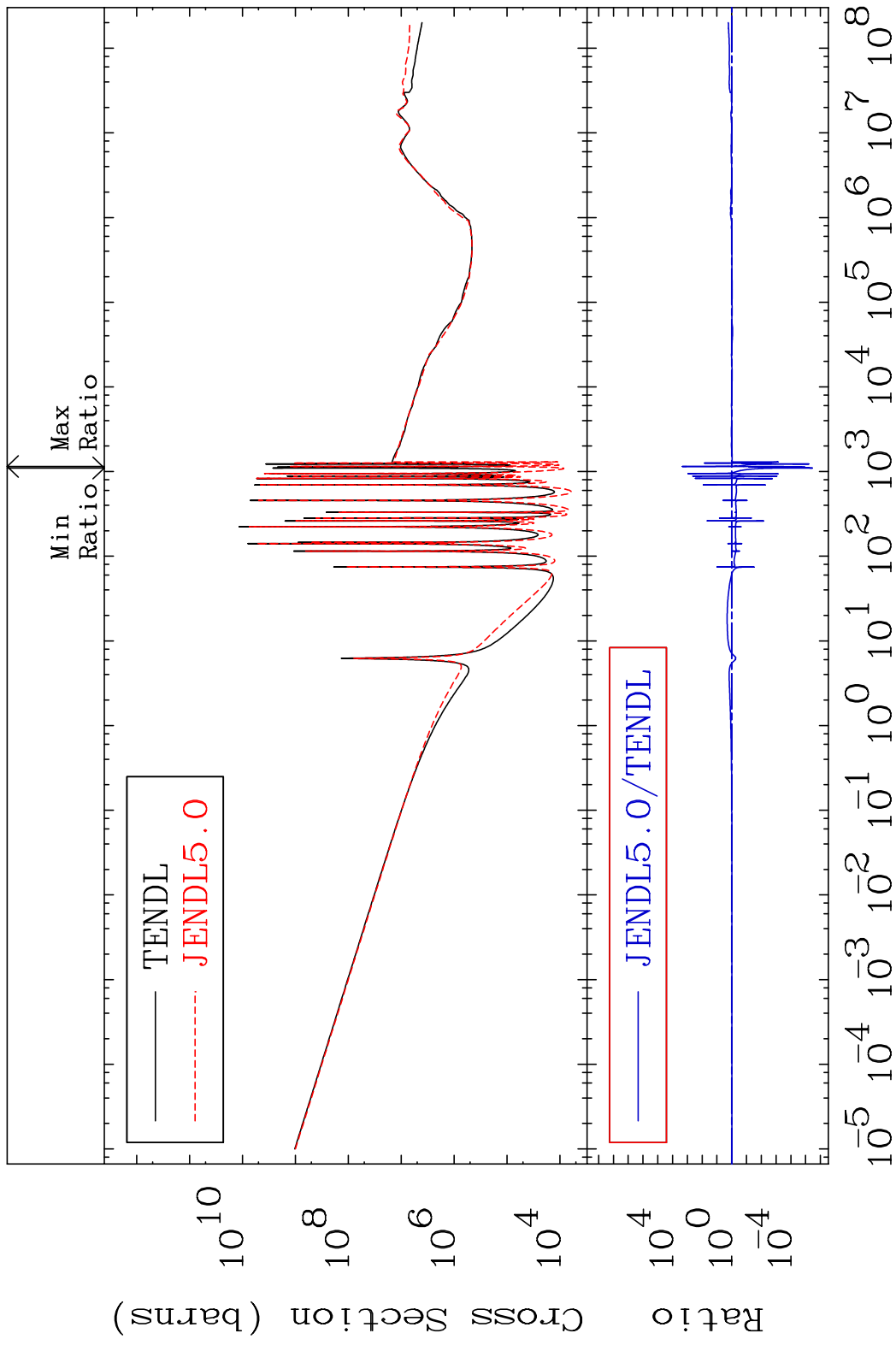


50

Incident Energy (eV)

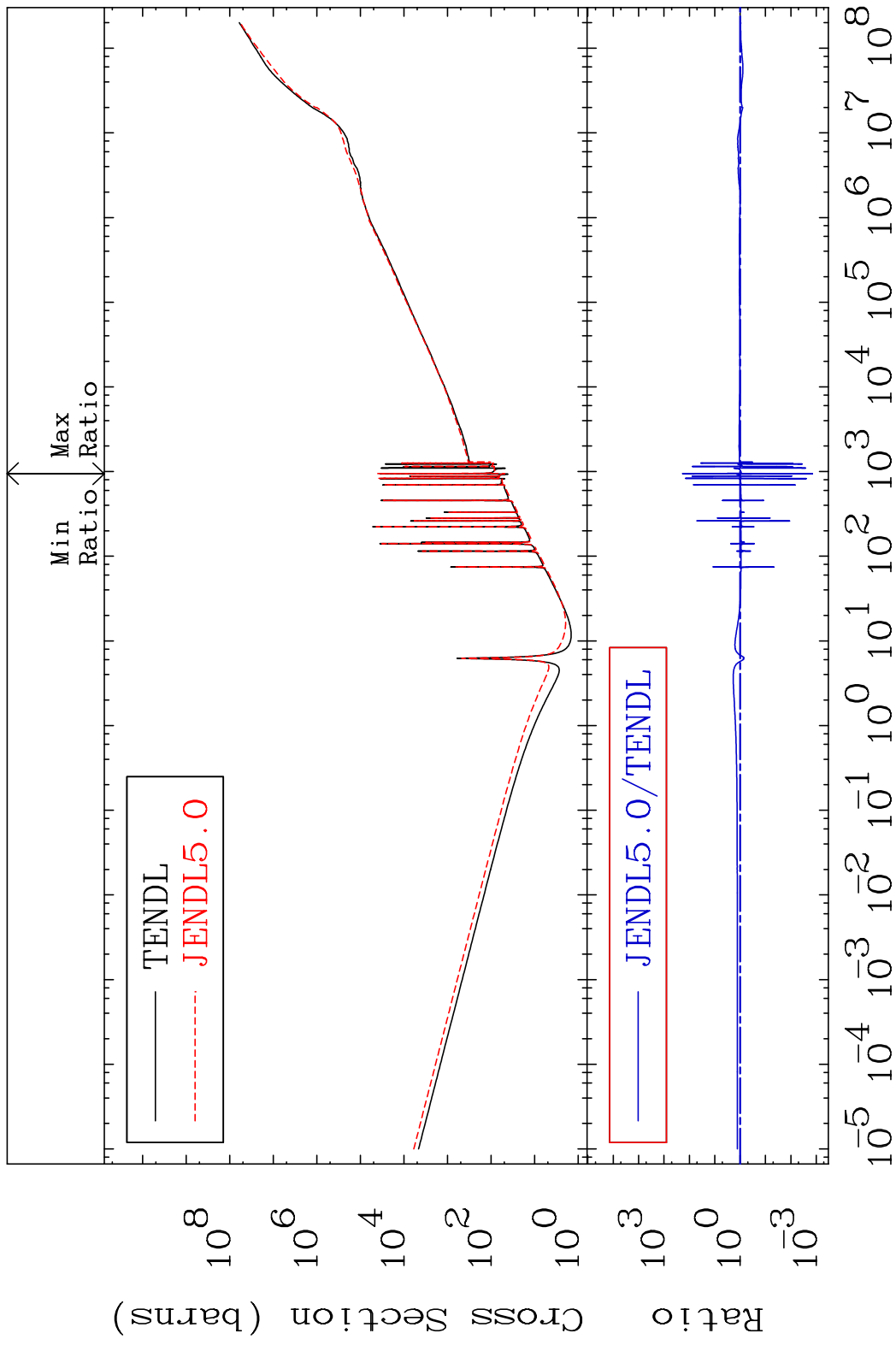
50-Sn-119

MAT 5046 Total photon (eV-barns) 50-Sn-119
 Cross Section -100.0 To 9999. %



51 Incident Energy (eV) 50-Sn-119

MAT 5046 Total kinematic kerma (high limit) 50-Sn-119
 Cross Section -99.86 To 9999. %

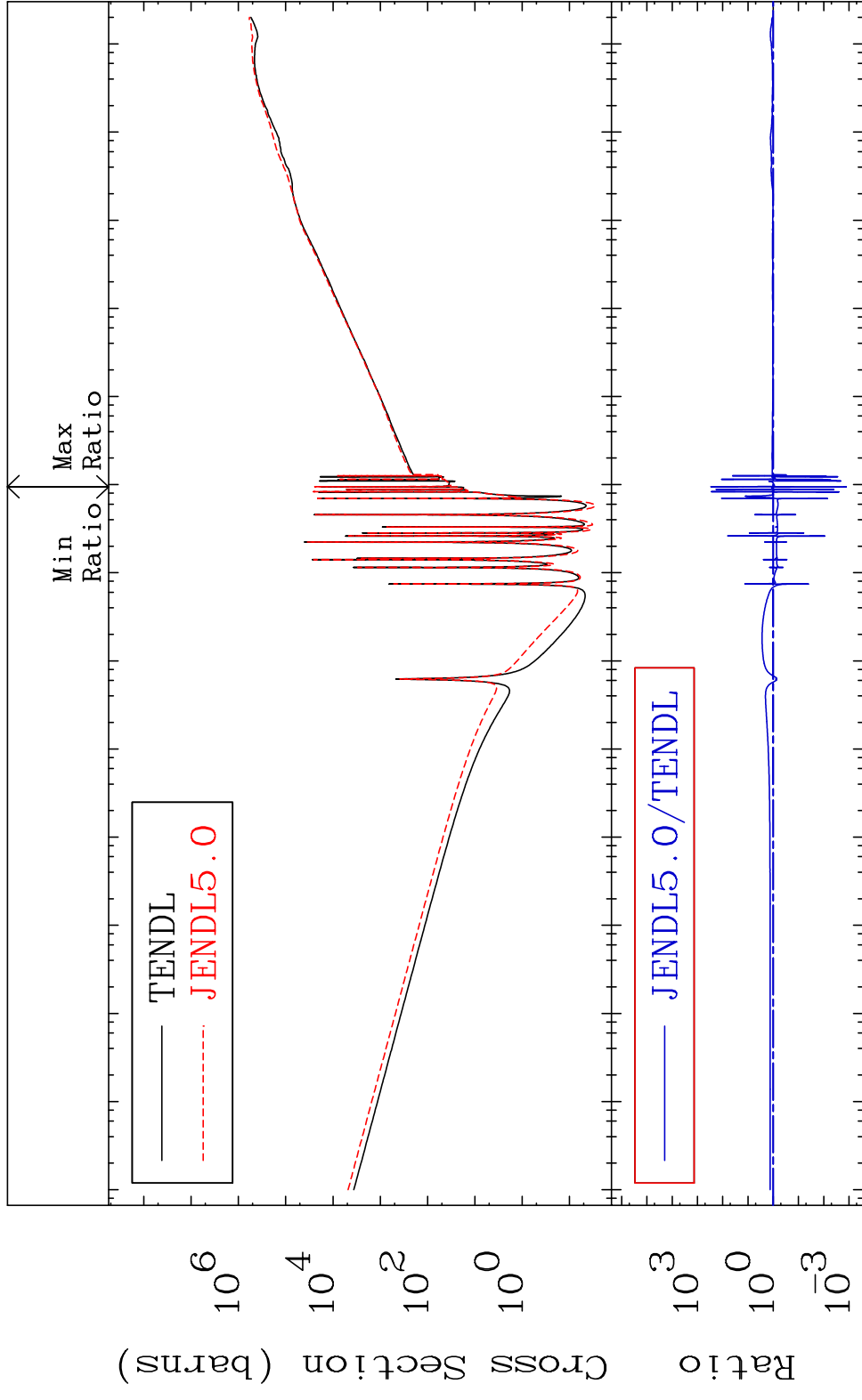


MAT 5046

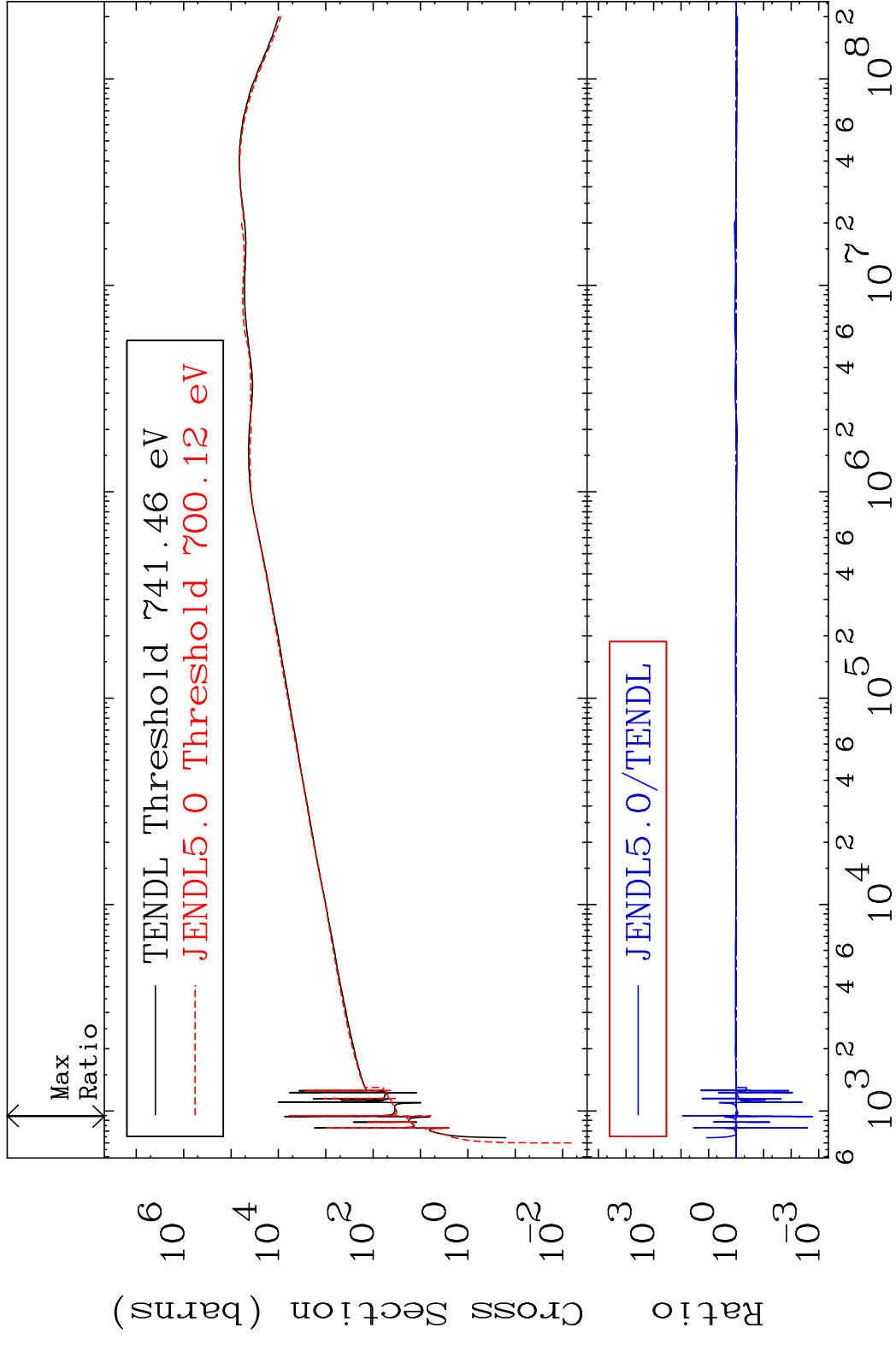
Dpa total (eV-barns)

50-Sn-119

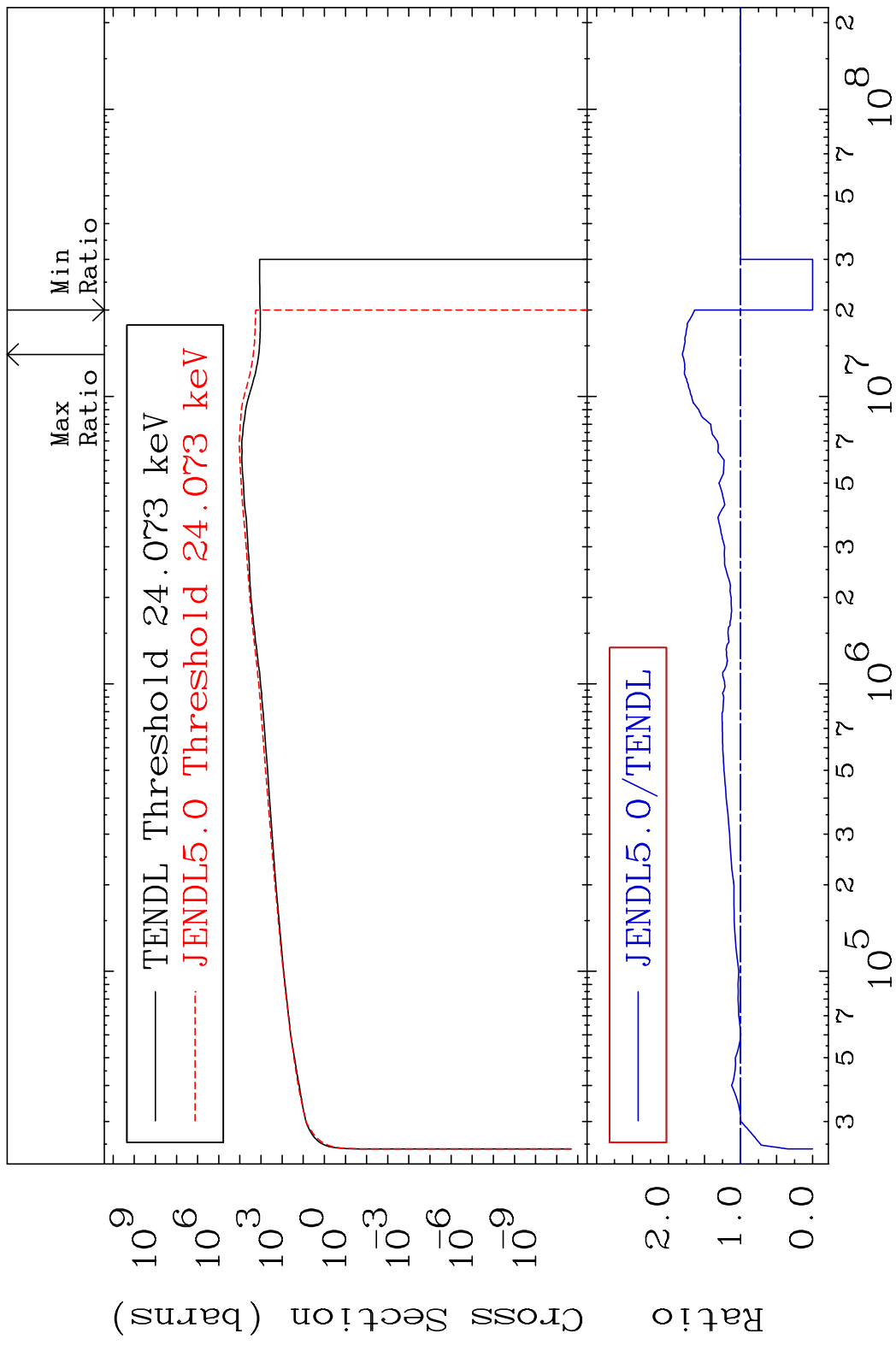
Cross Section -99.87 To 9999. %



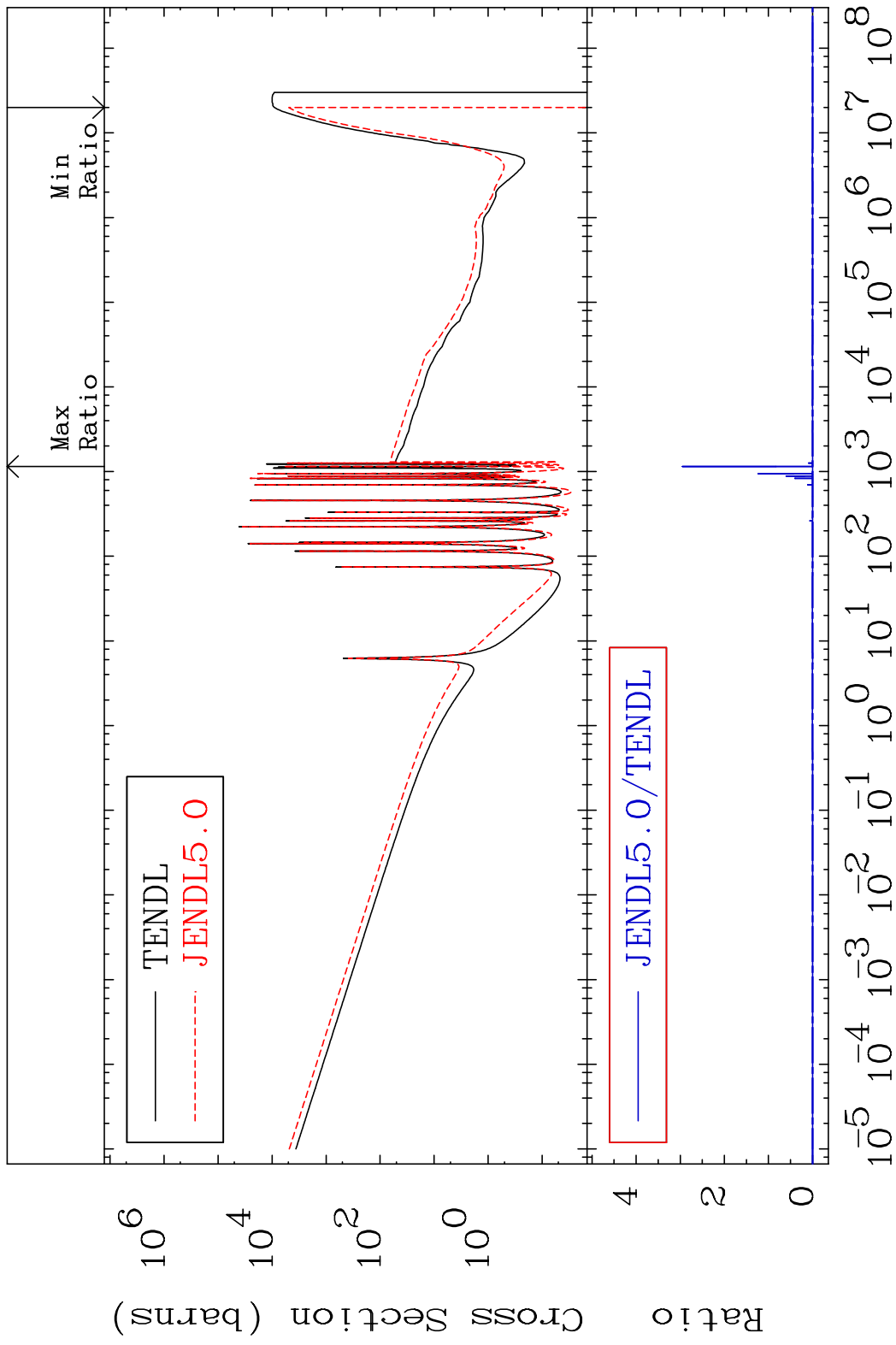
MAT 5046 Dpa elastic (mt2) 50-Sn-119
 Cross Section -99.83 To 8910. %

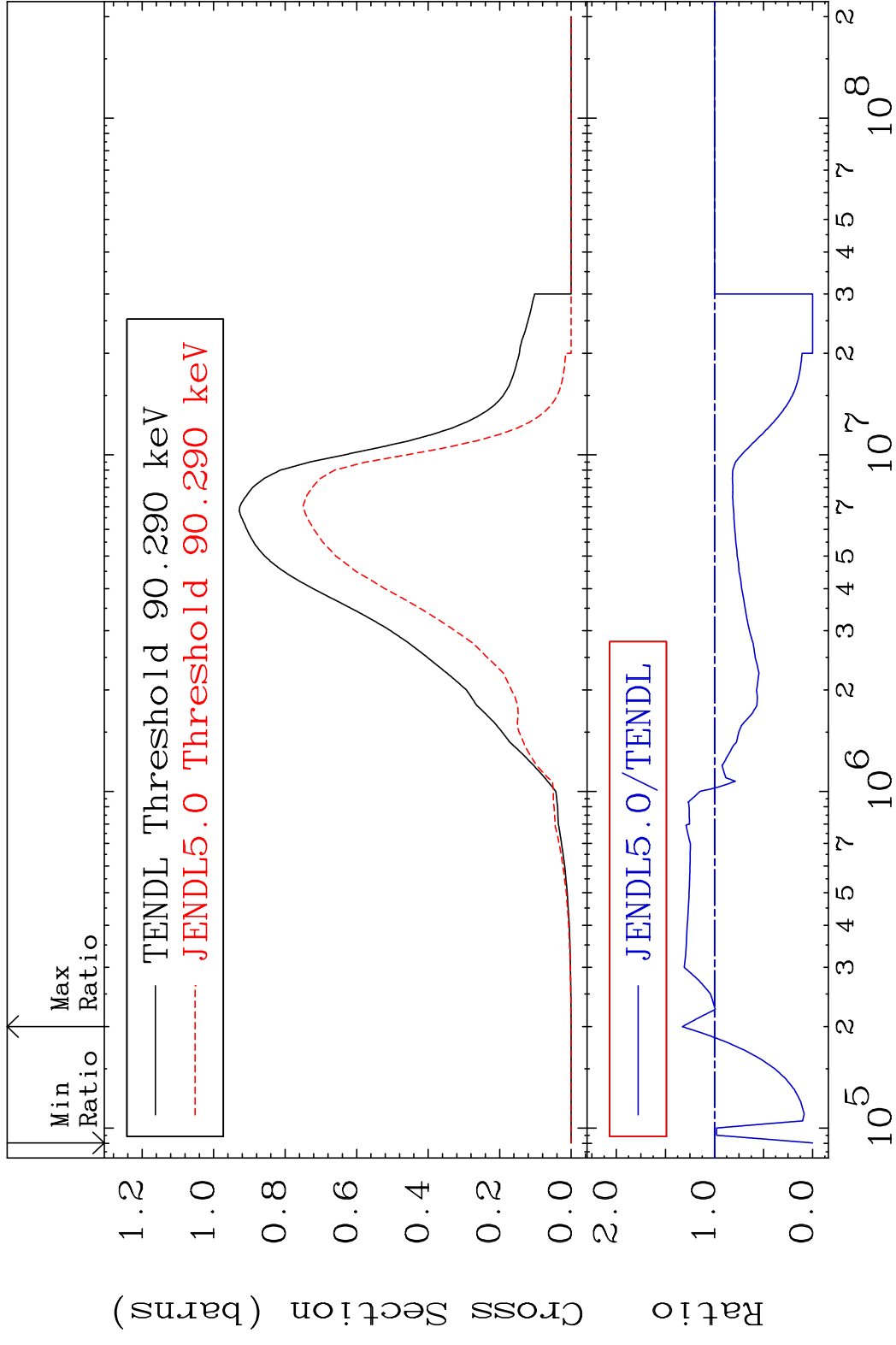


MAT 5046 Dpa inelastic (mt51-91) 50-Sn-119
 Cross Section -100.0 To 80.82 %

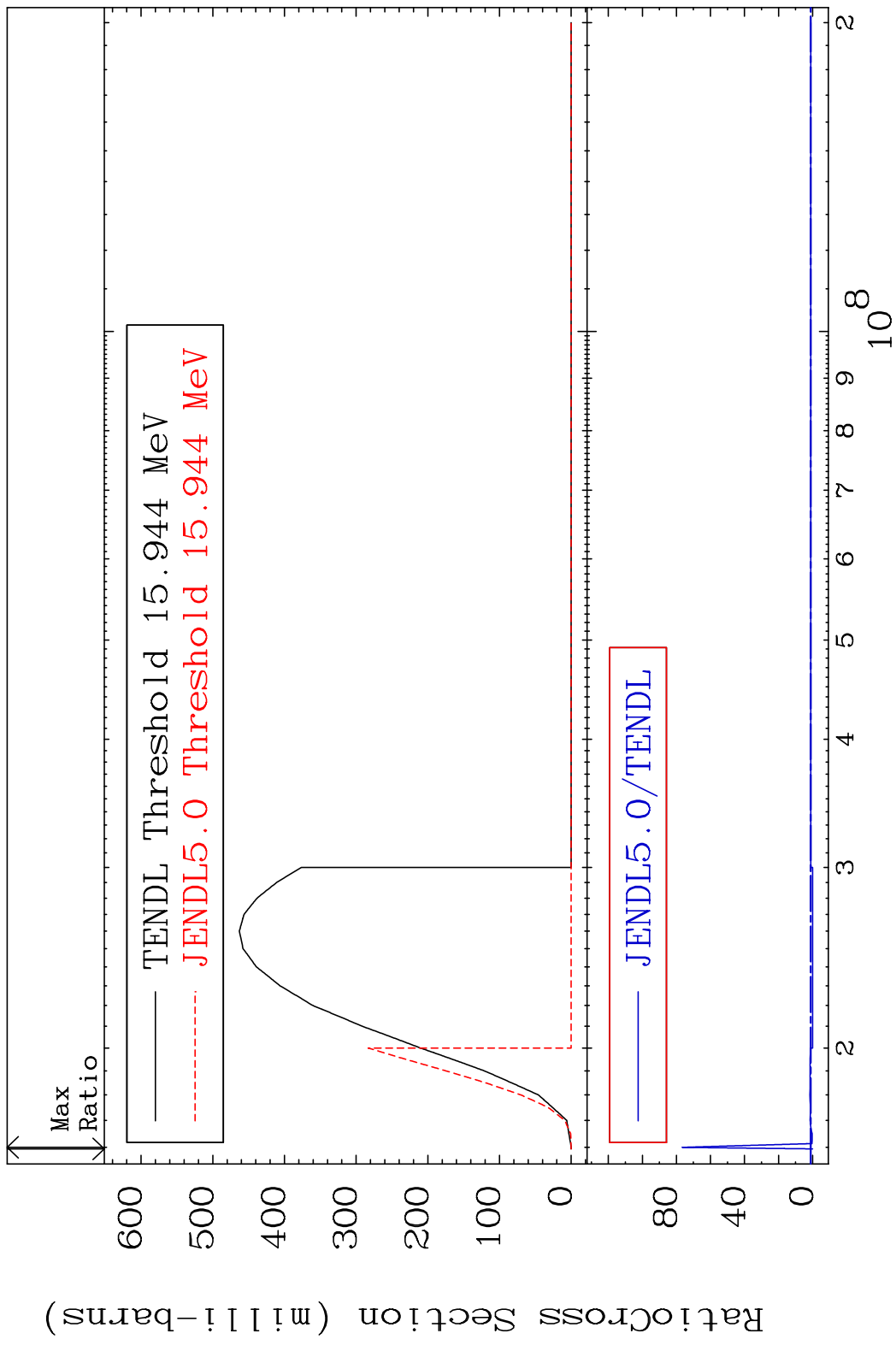


MAT 5046 Dpa disappearance (mt102 -120) 50-Sn-119
 Cross Section -100.0 To 9999. %

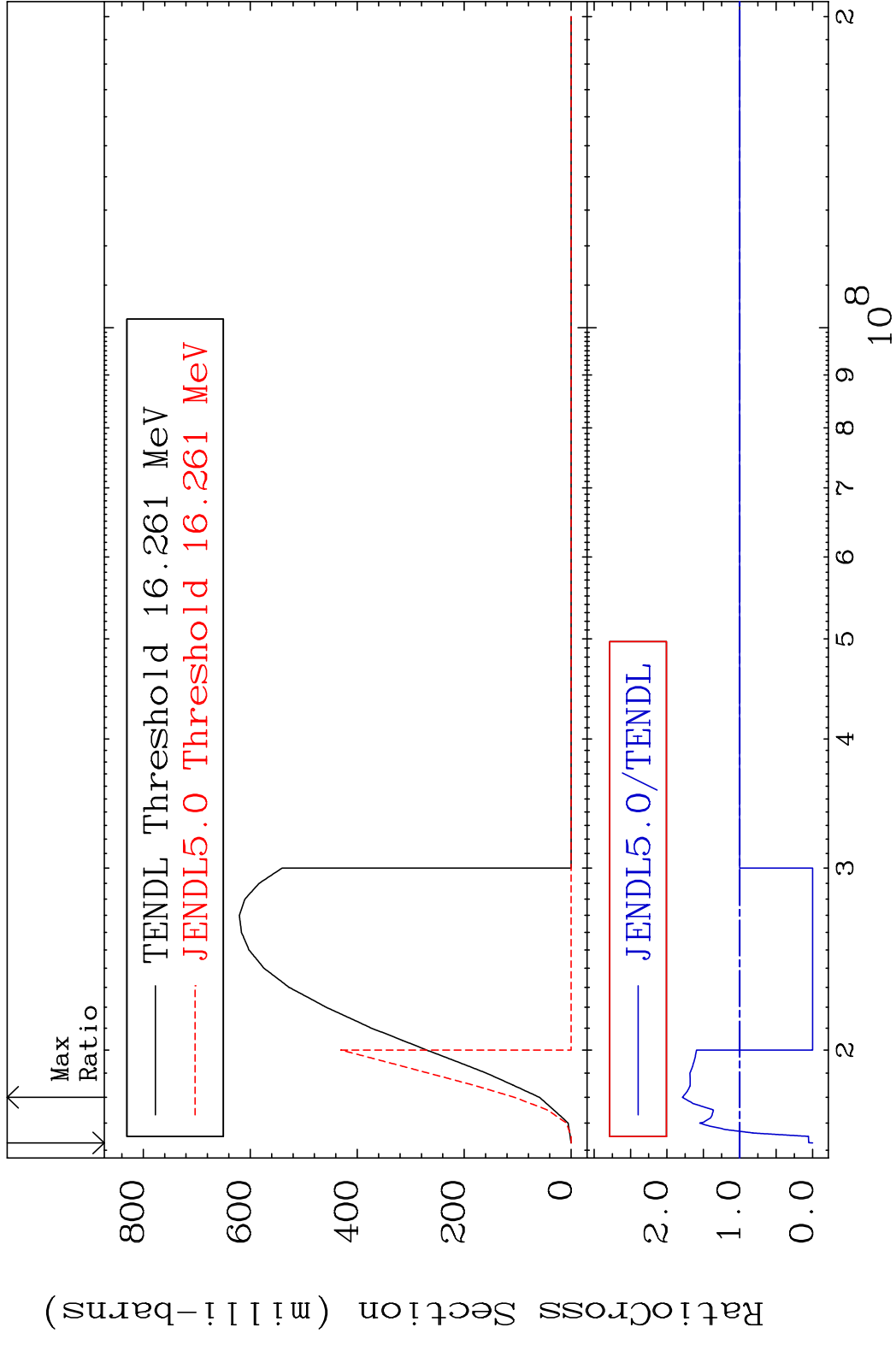




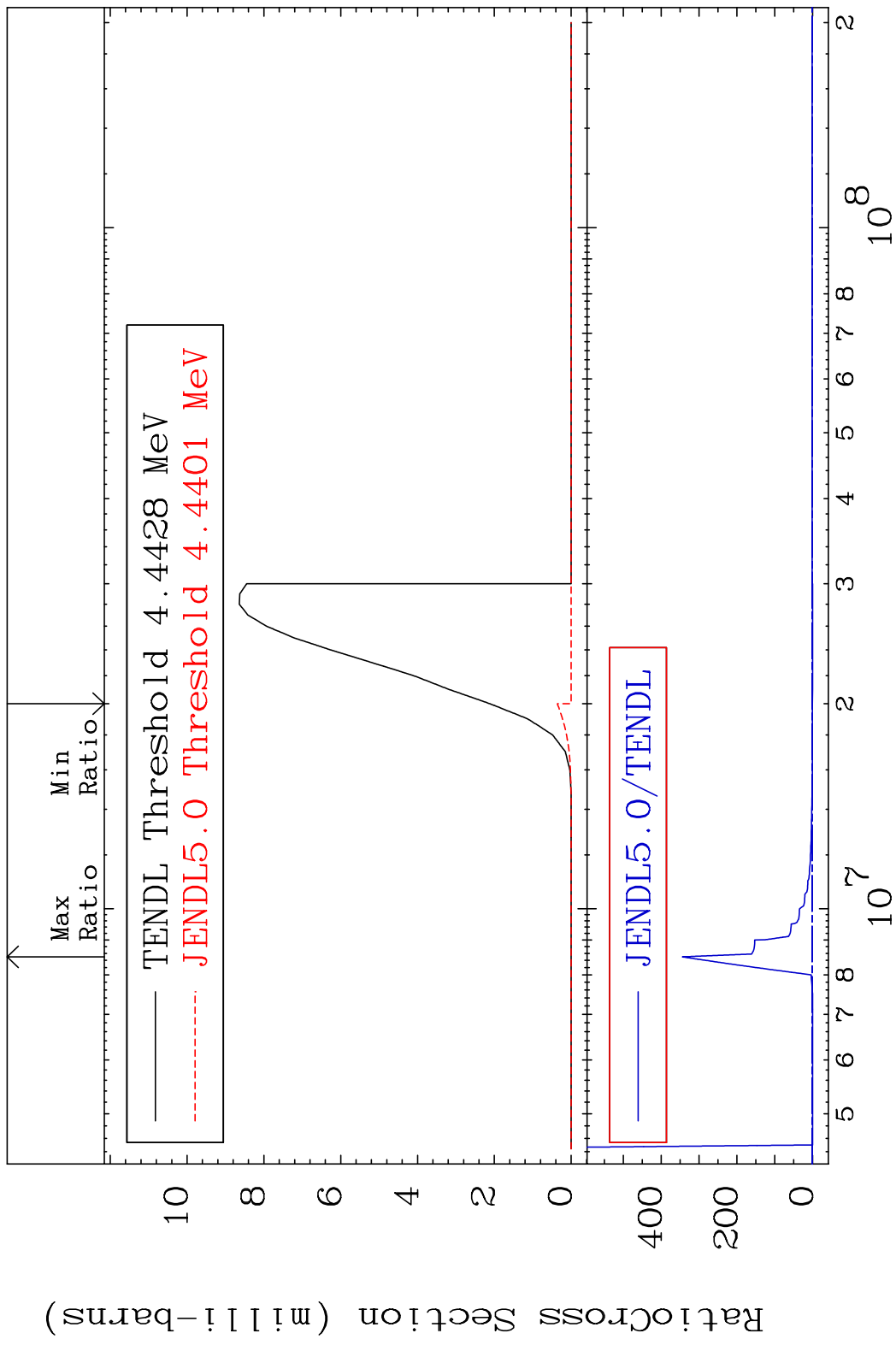
MAT 5046 (n,3n):50-Sn-117g 50-Sn-119
 Radionuclide Production Cross Section Ratio 7551. %

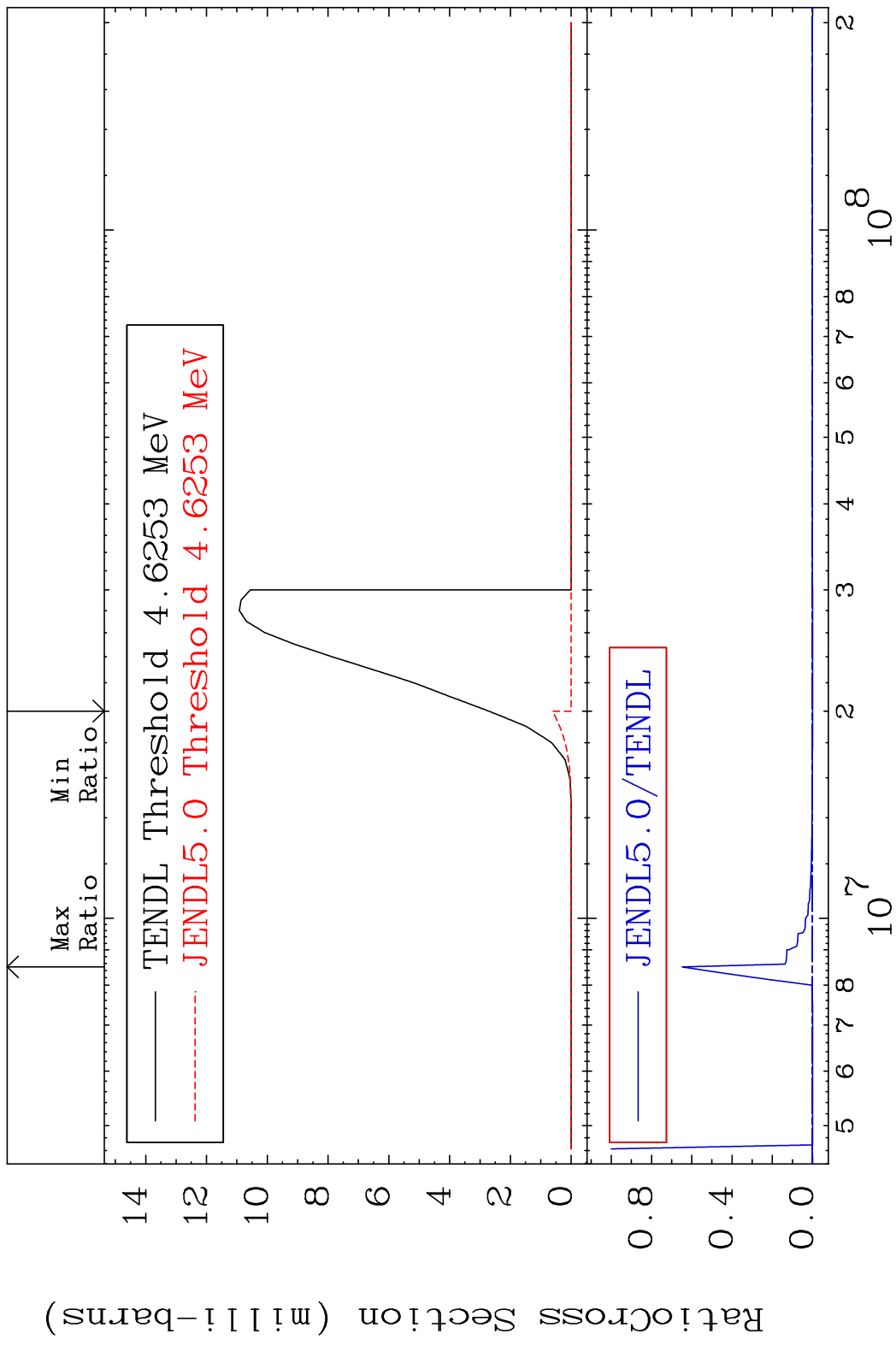


MAT 5046 (n, 3n):50-Sn-117m2 50-Sn-119
 Radionuclide Production Cross Section to 78.81 %

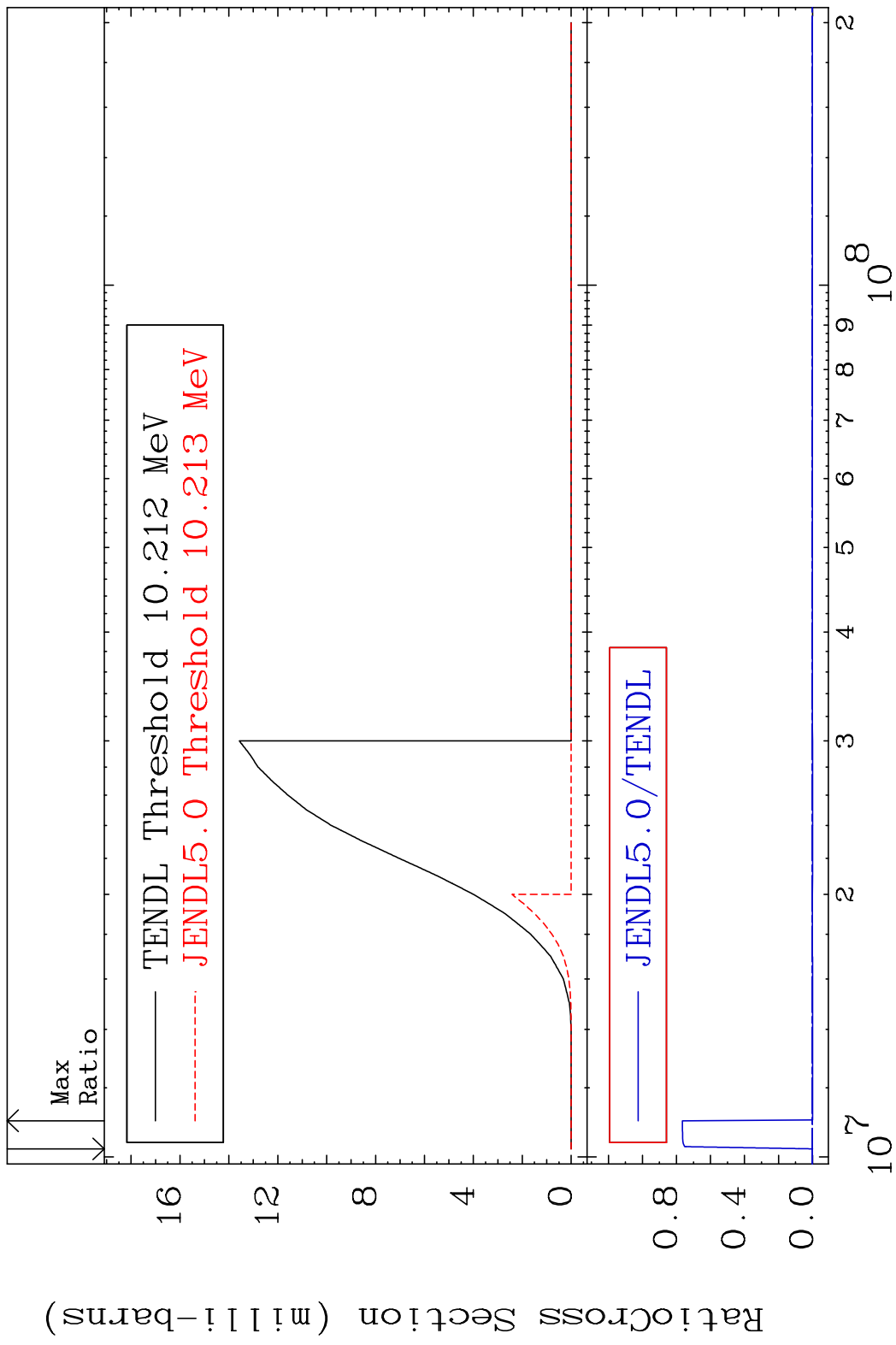


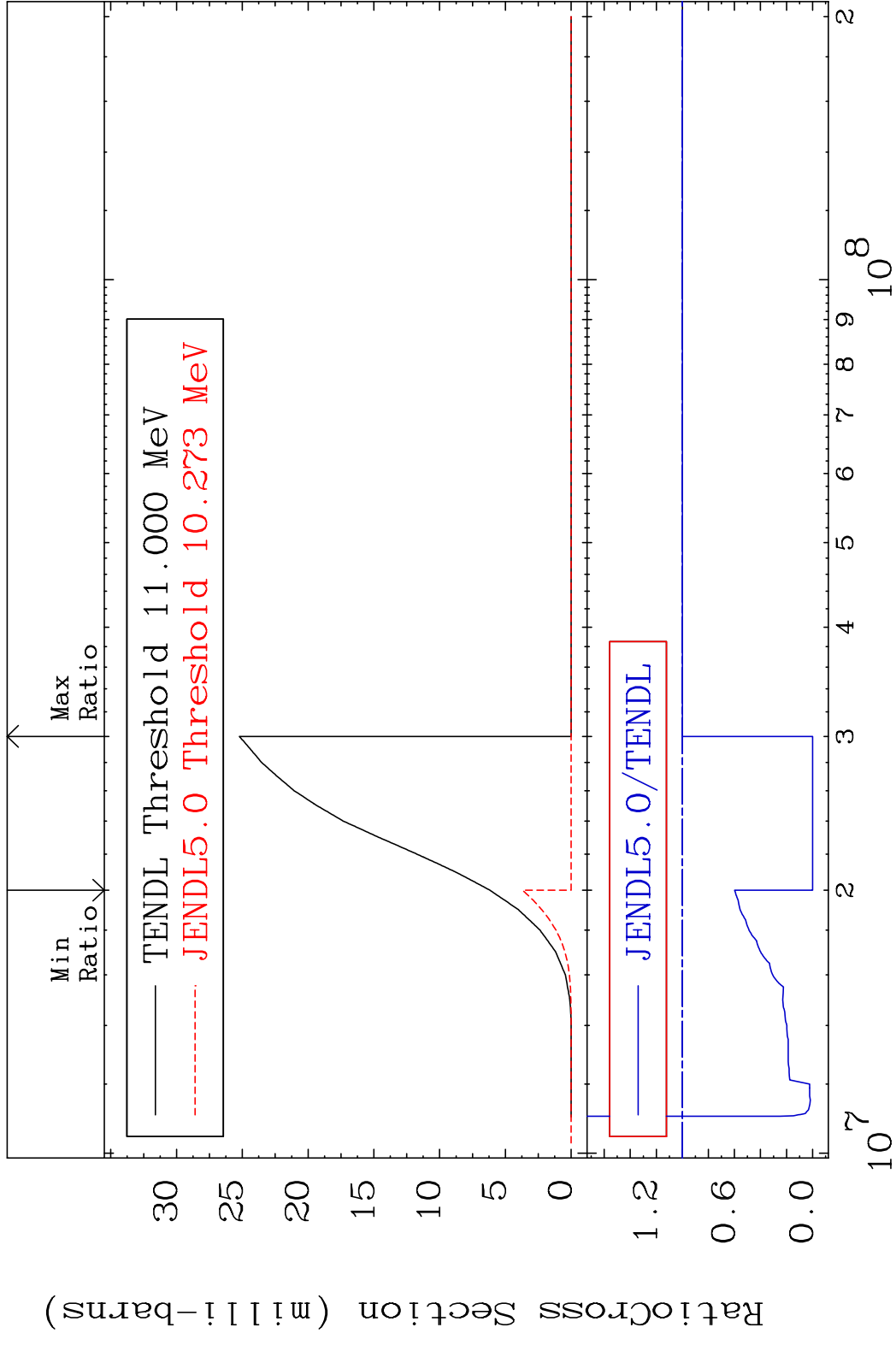
MAT 5046 (n, n') α :48-Cd-115g 50-Sn-119
 Radionuclide Production Cross Section to 9999. %

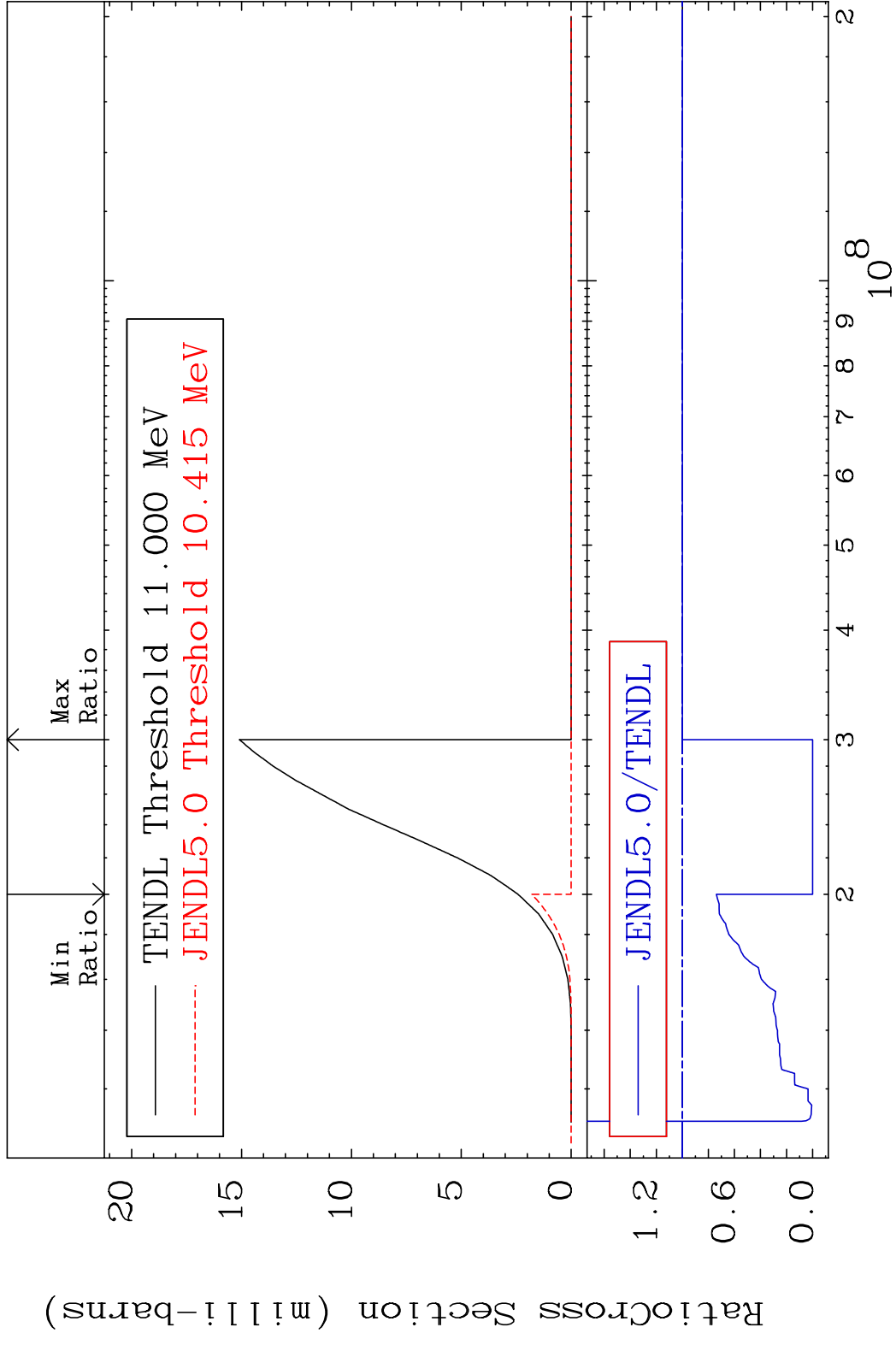




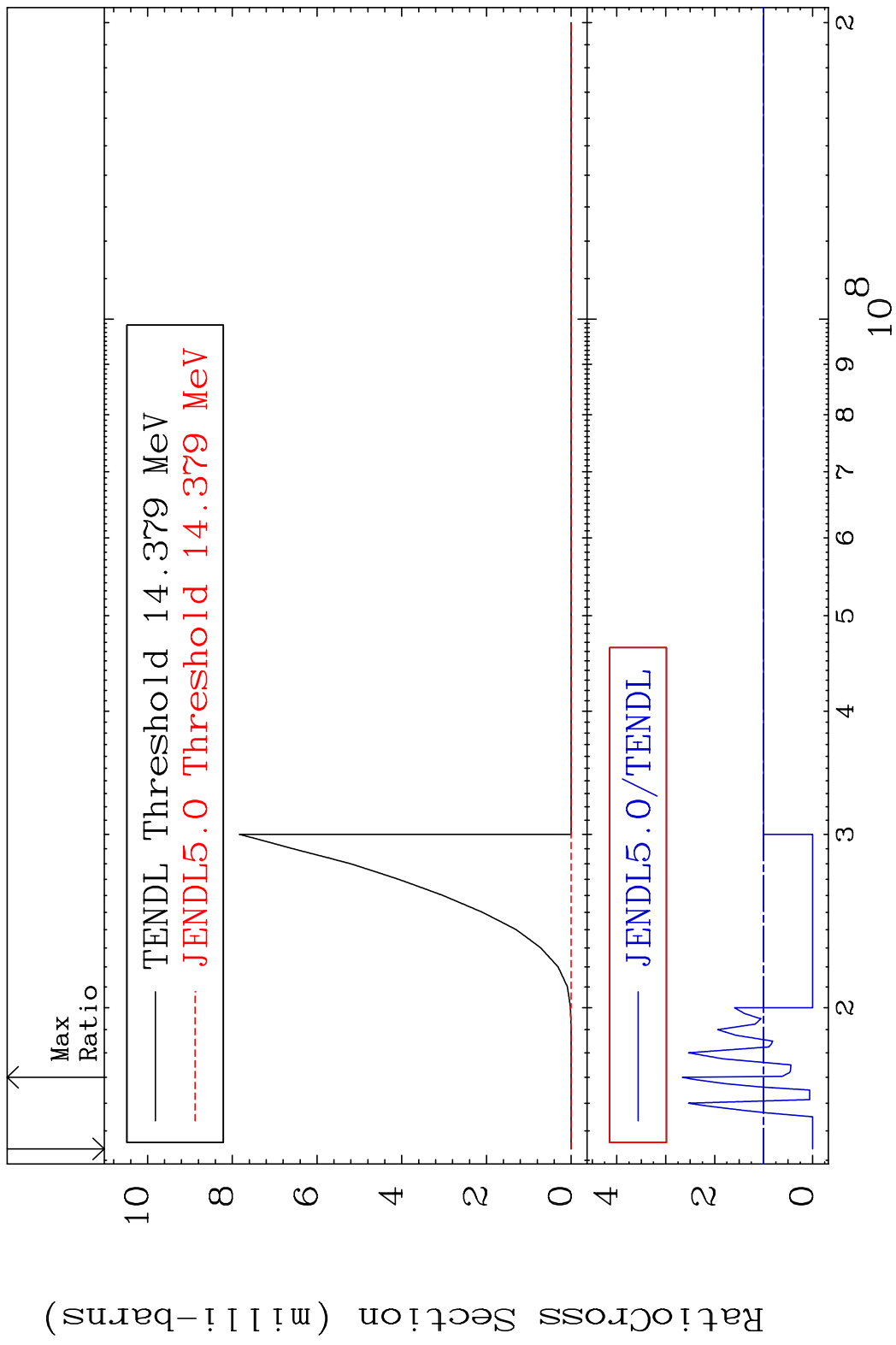
MAT 5046 (n, n') p:49-In-118g 50-Sn-119
 Radionuclide Production Cross Section to 9999. %

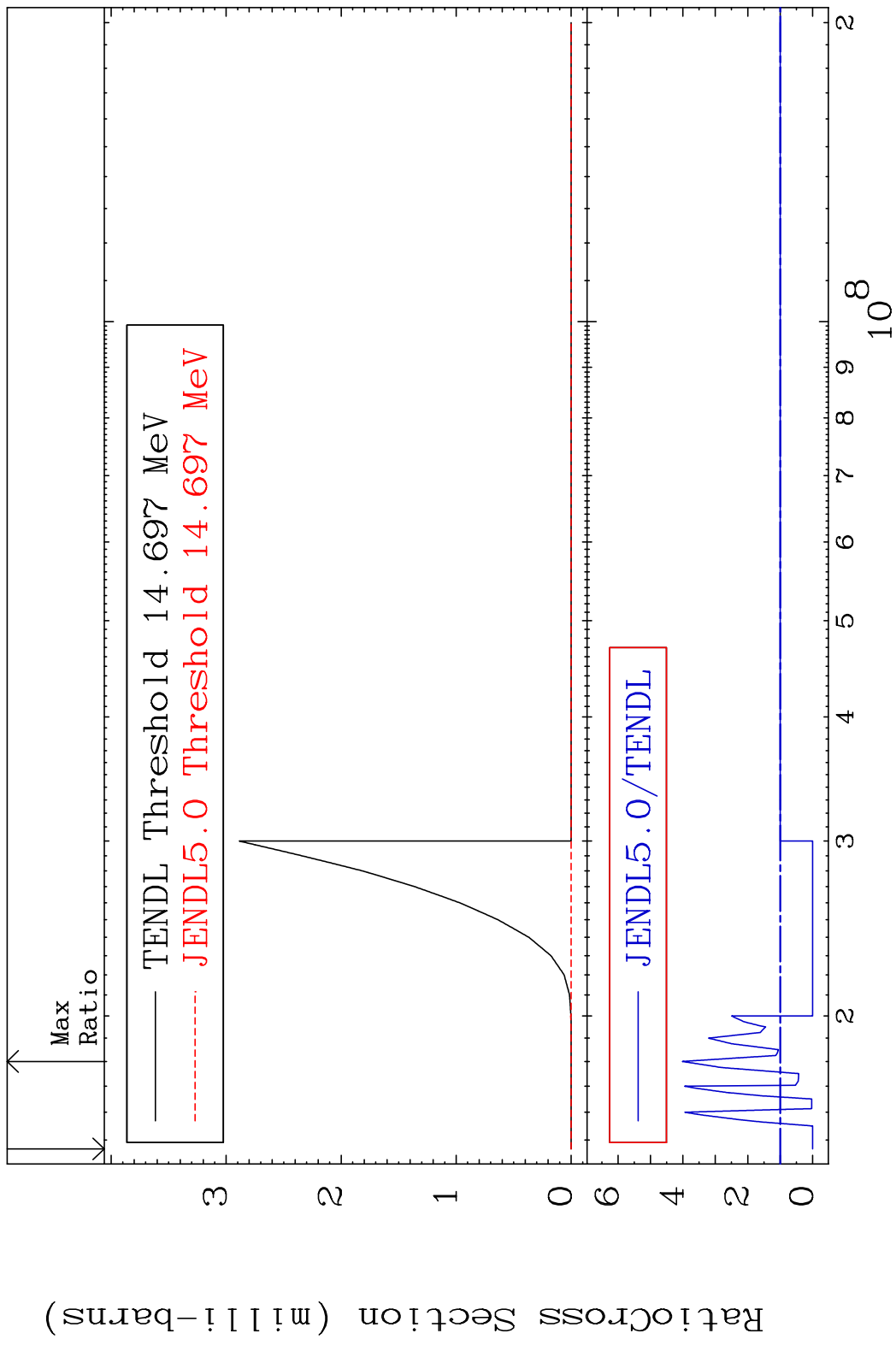


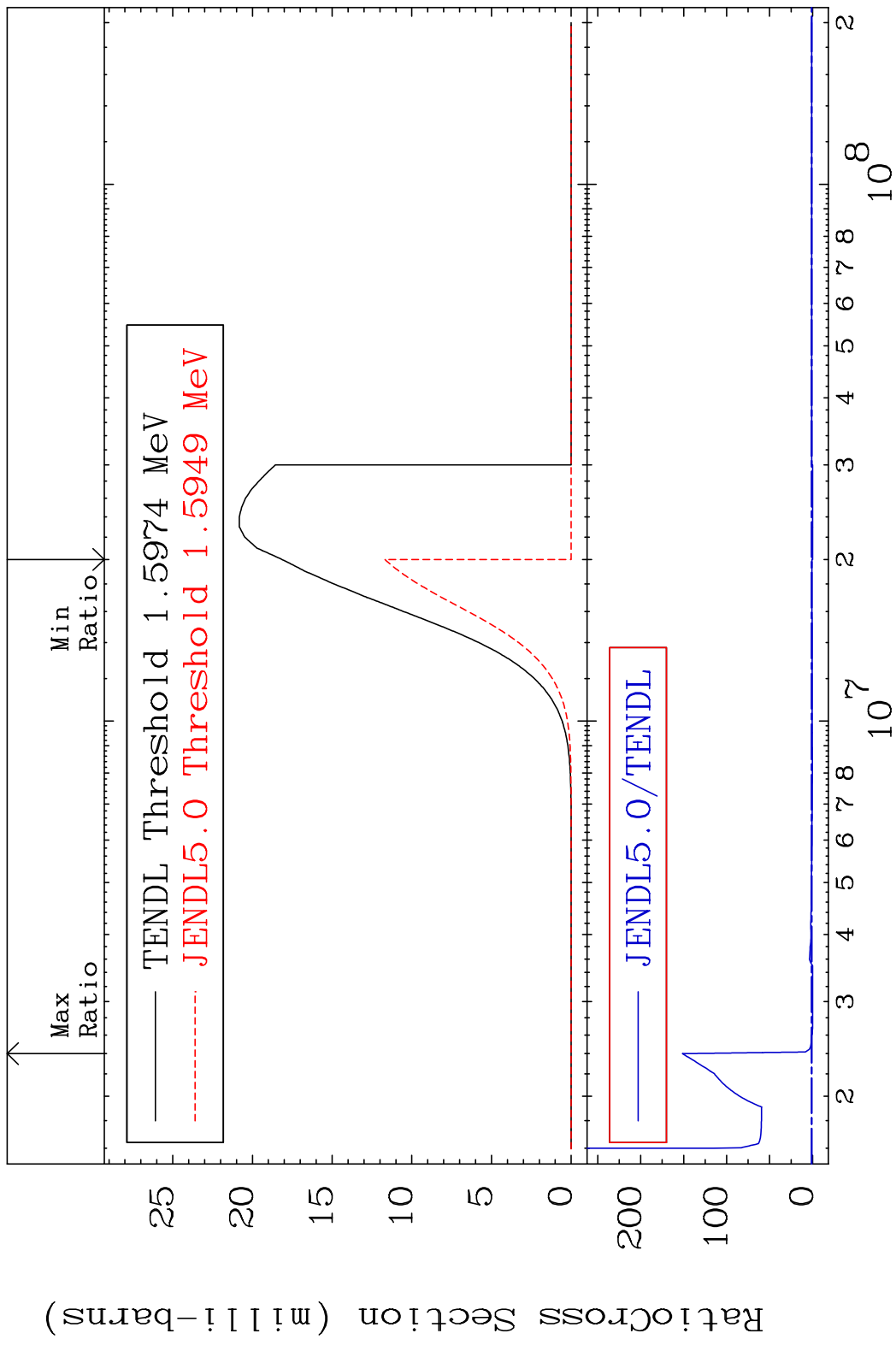


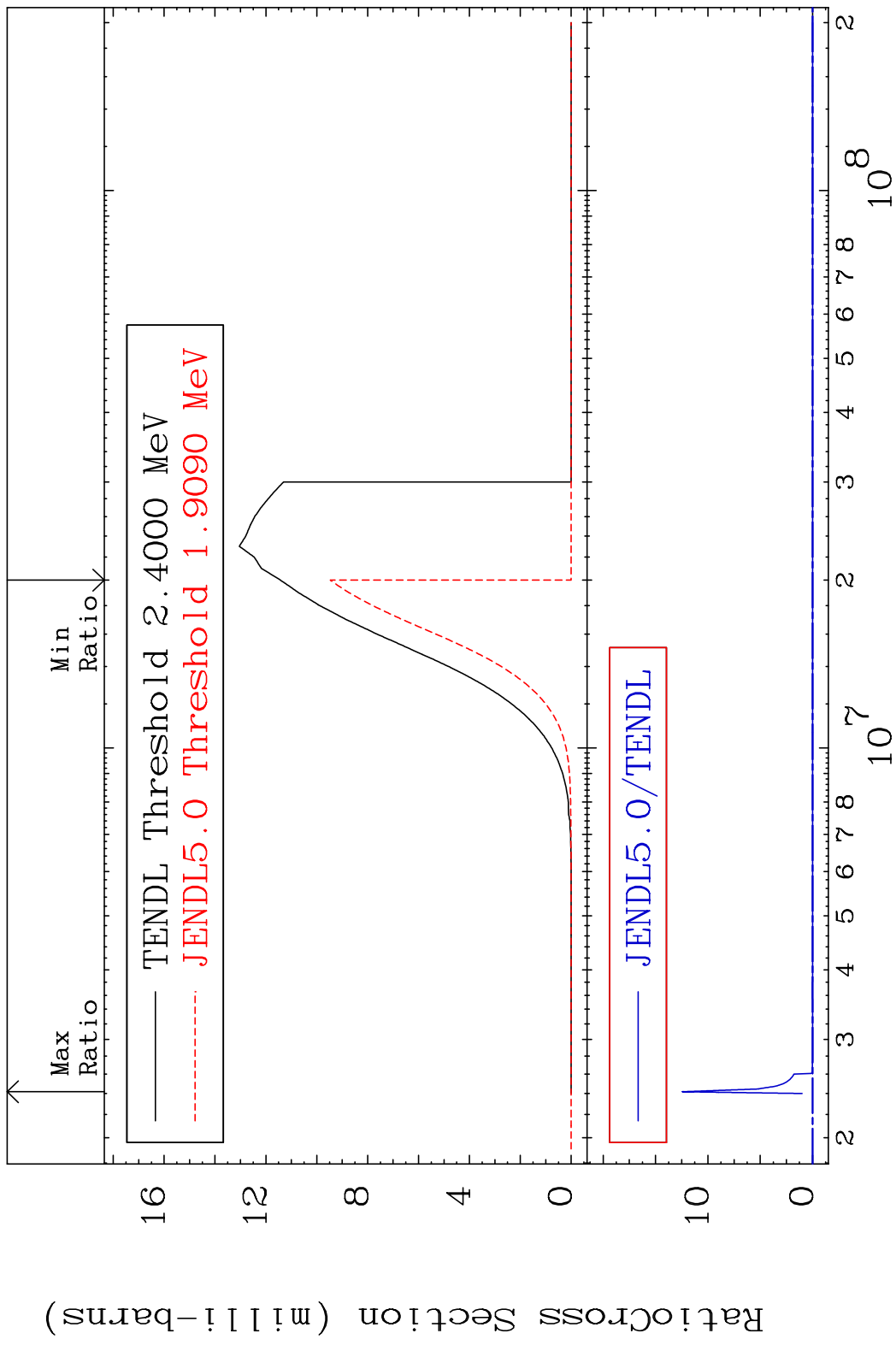


MAT 5046 (n, n') d:49-In-117g 50-Sn-119
 Radionuclide Production Cross Section 166.0 %

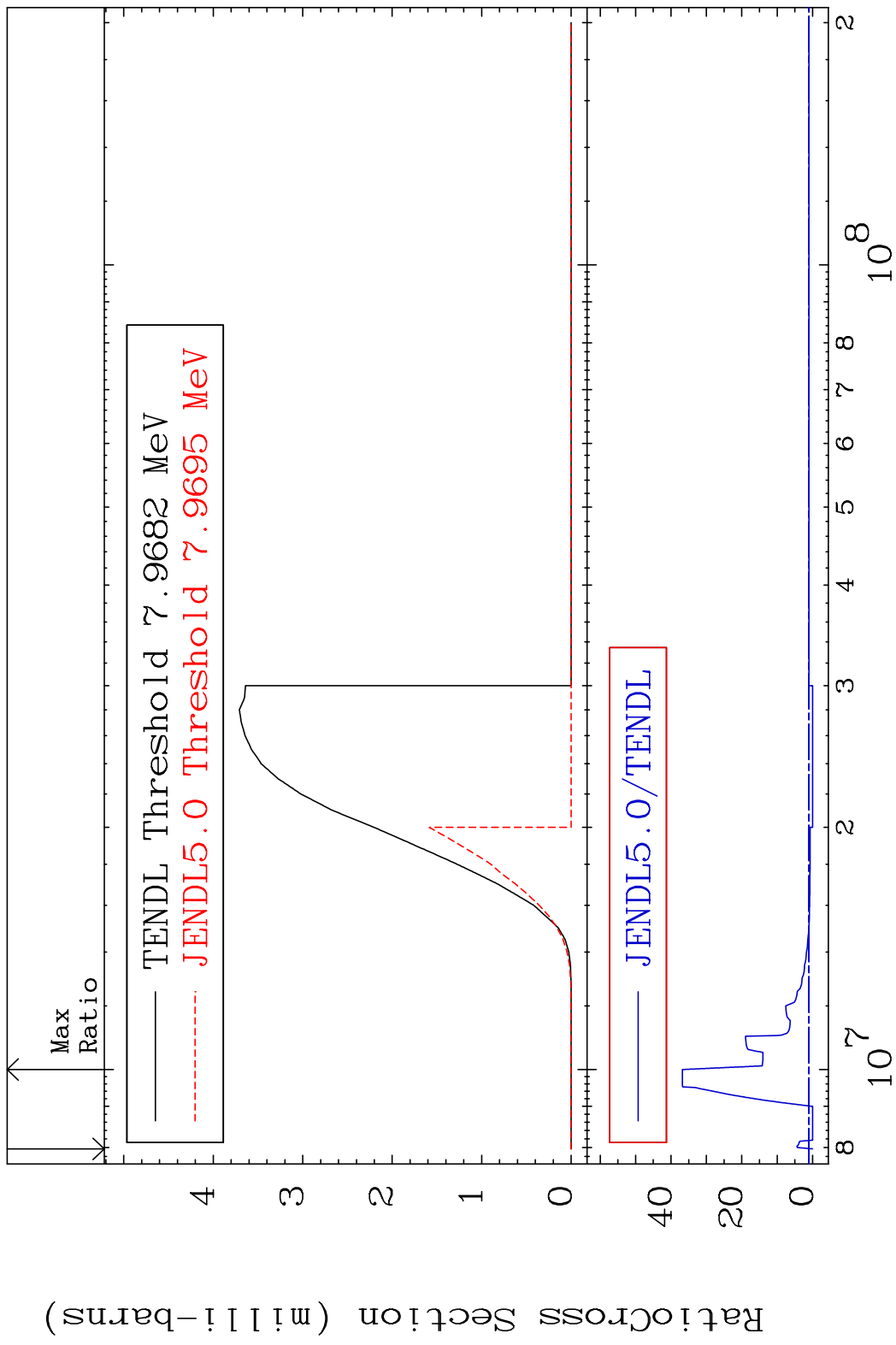




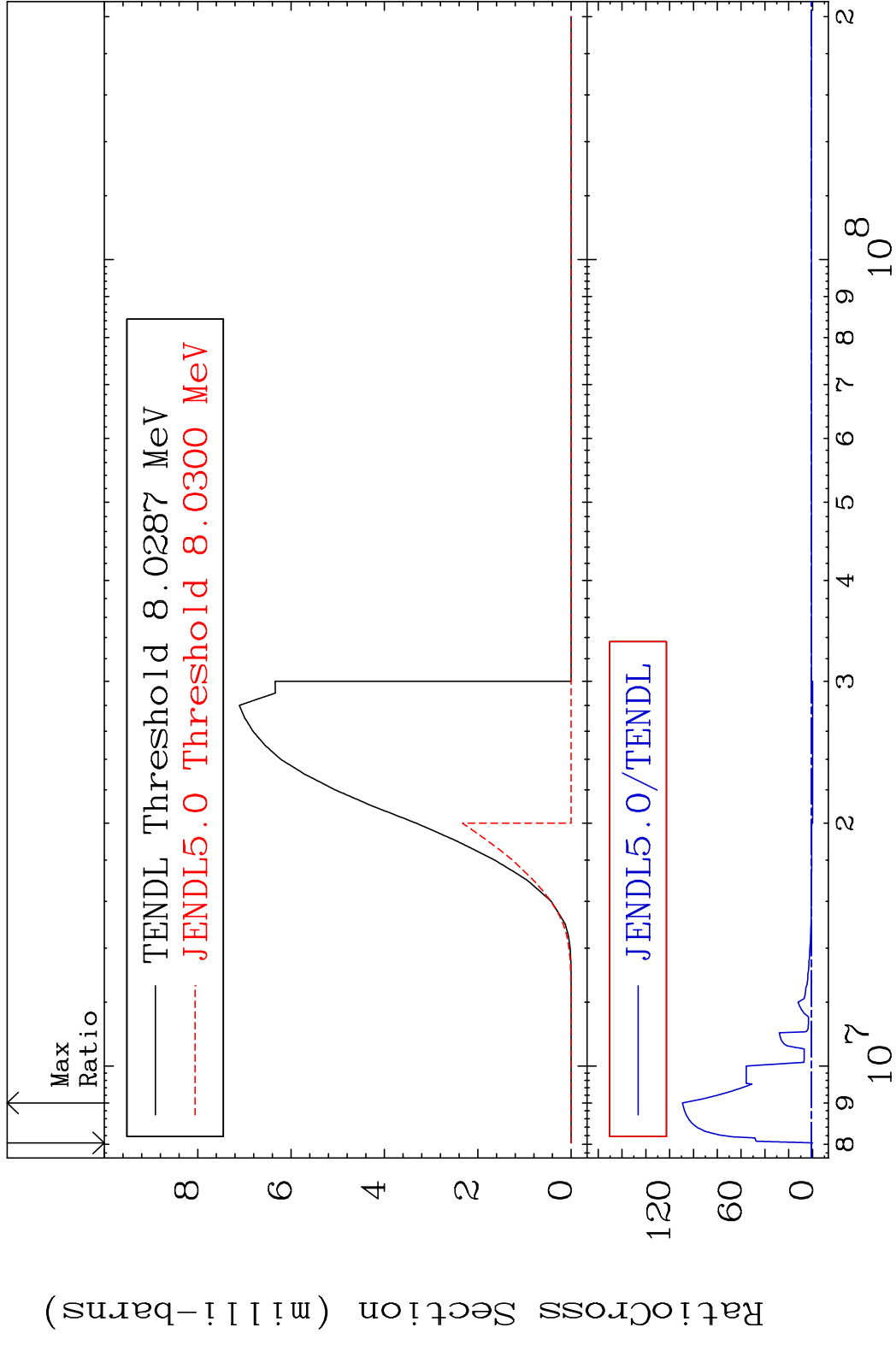




MAT 5046 (n,d):49-In-118g 50-Sn-119
 Radionuclide Production Cross Section 180.0 mb 3579. %

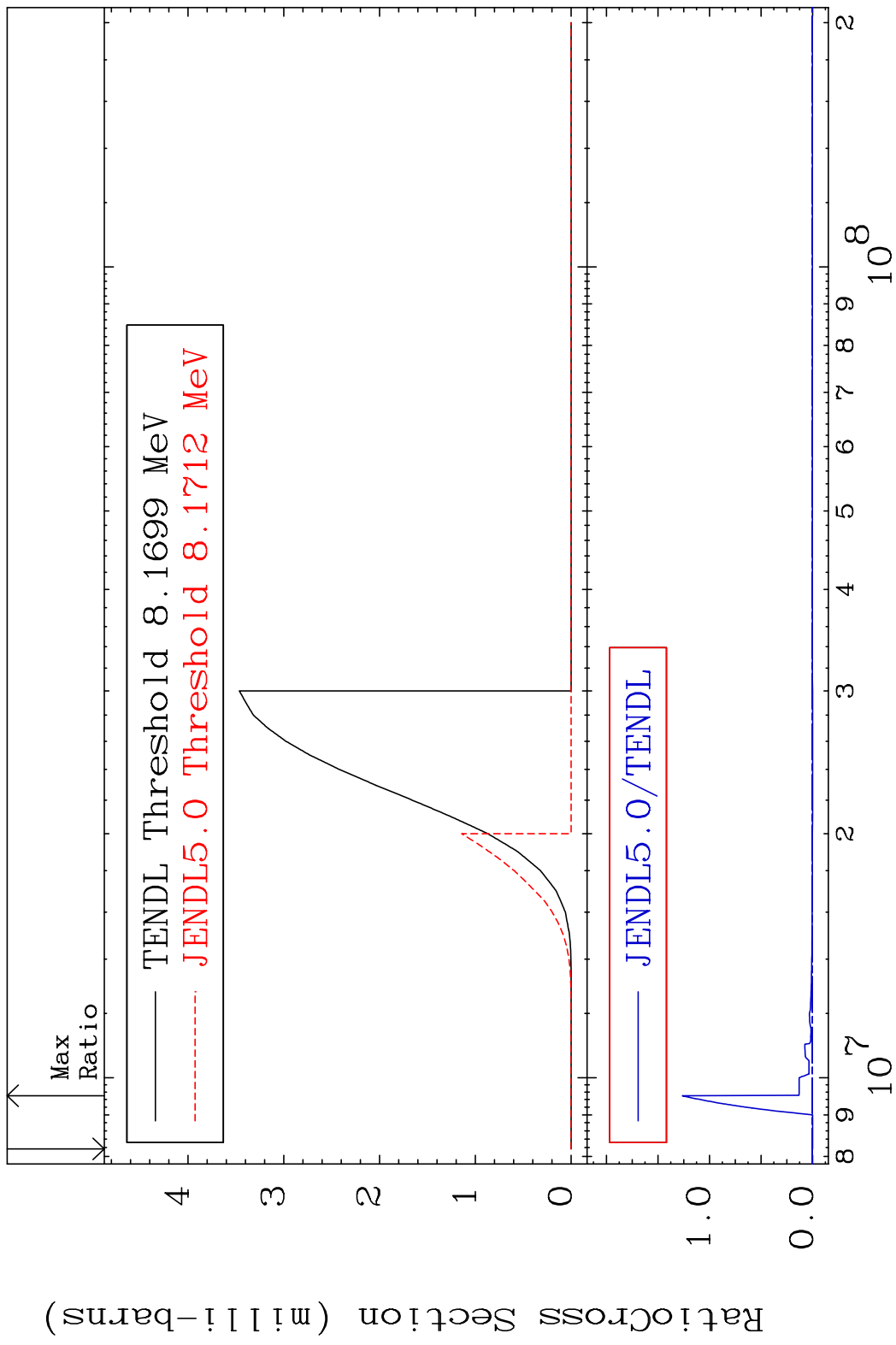


MAT 5046 (n,d):49-In-118m1 50-Sn-119
 Radionuclide Production Cross Section 100.00 %
 100.00 %

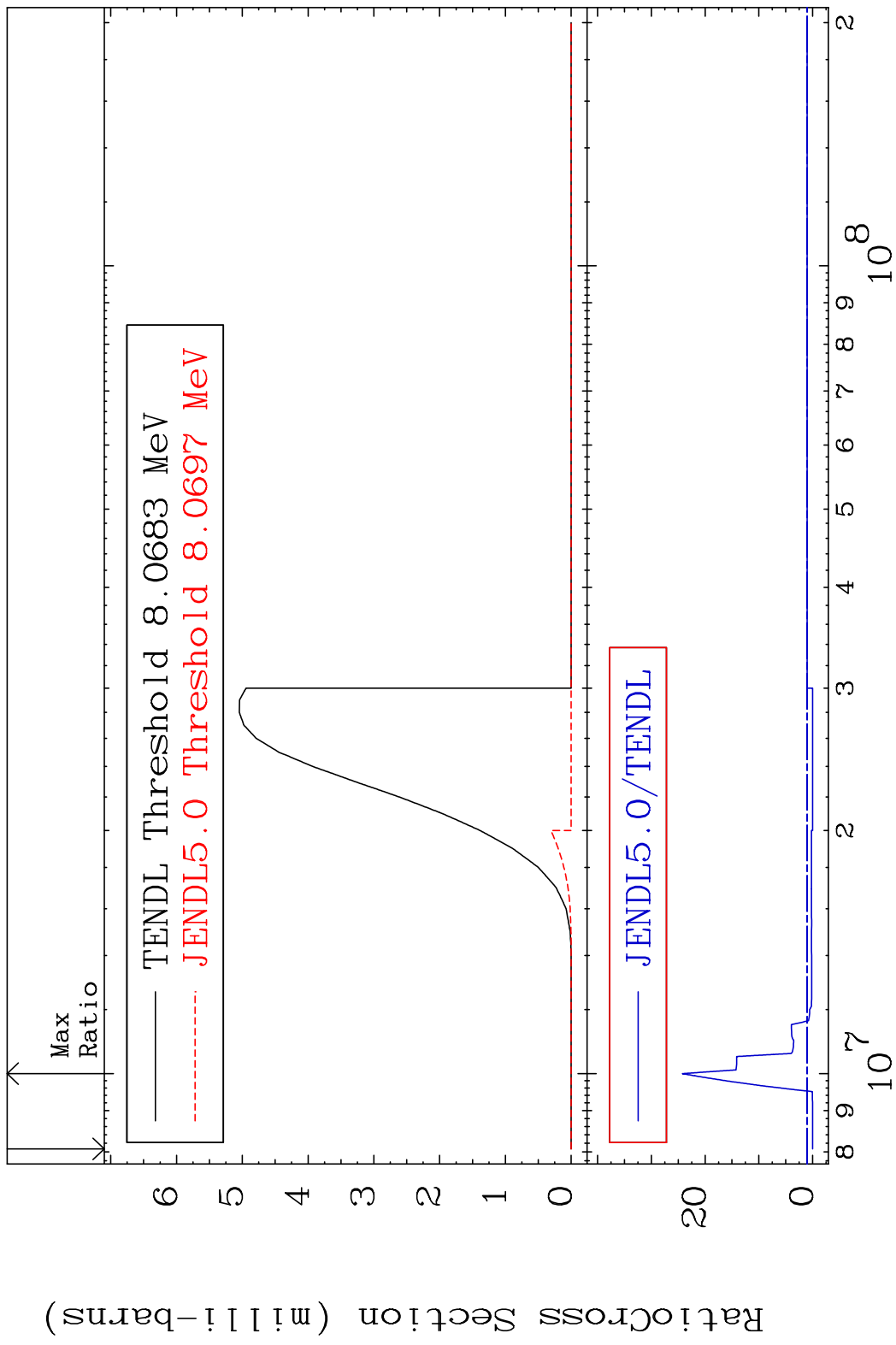


70 Incident Energy (eV) 50-Sn-119

MAT 5046 (n,d):49-In-118m3 50-Sn-119
 Radionuclide Production Cross Section Ratio 9999. %



MAT 5046 (n, t): 49-In-117g 50-Sn-119
 Radionuclide Production Cross Section Ratio 2324. %



MAT 5046 (n, t): 49-In-117m1 50-Sn-119
 Radionuclide Production Cross Section 180.0 dth 200.7 %

