

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

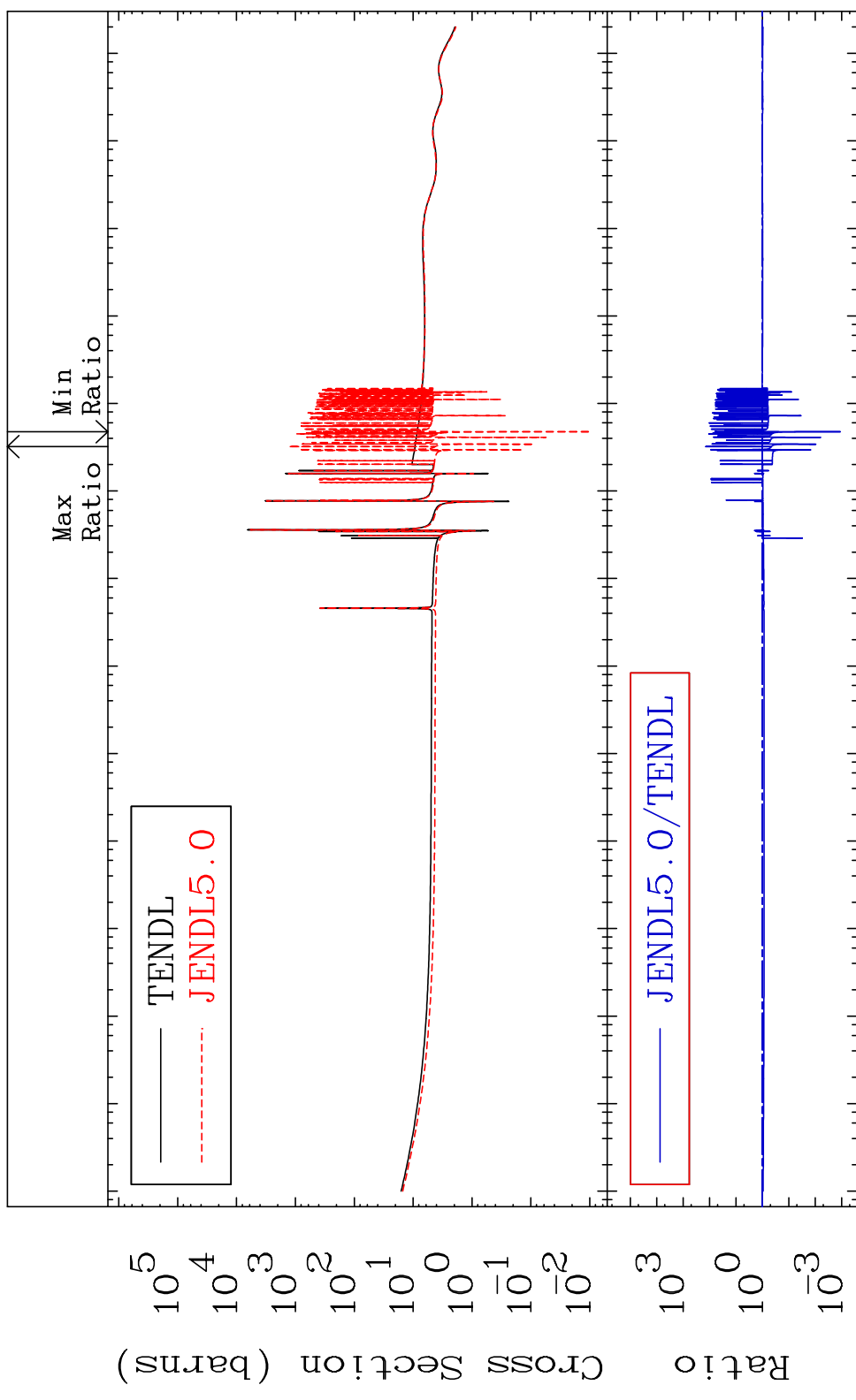
MAT 5043

Total

50-Sn-118

Cross Section

-99.89 To 9999. %



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

10⁸ 10⁷ 10⁶ 10⁵ 10⁴ 10³ 10² 10¹ 10⁰

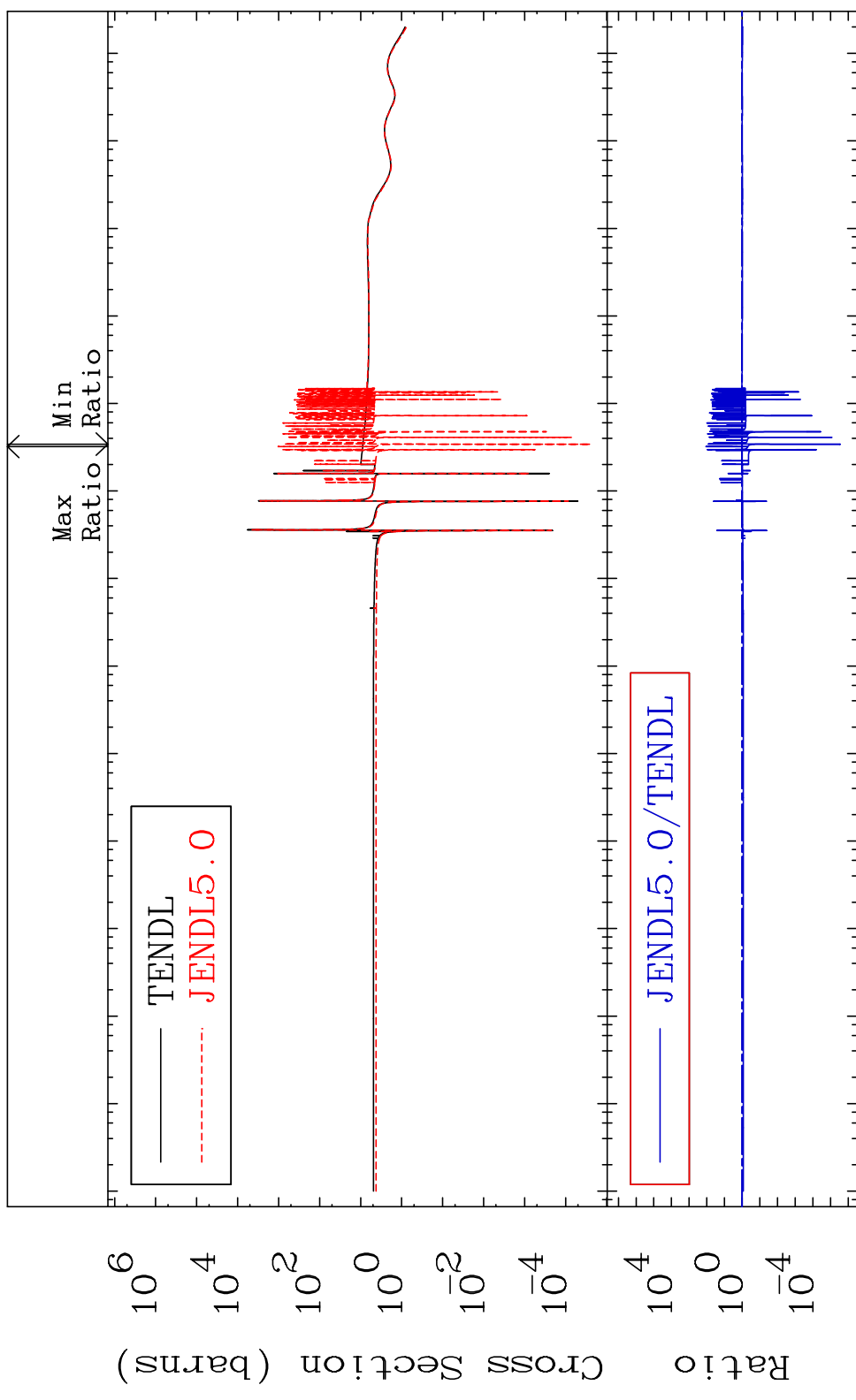
1

Incident Energy (eV)

50-Sn-118

MAT 5043

Elastic Cross Section -100.0 To 9999. %
50-Sn-118

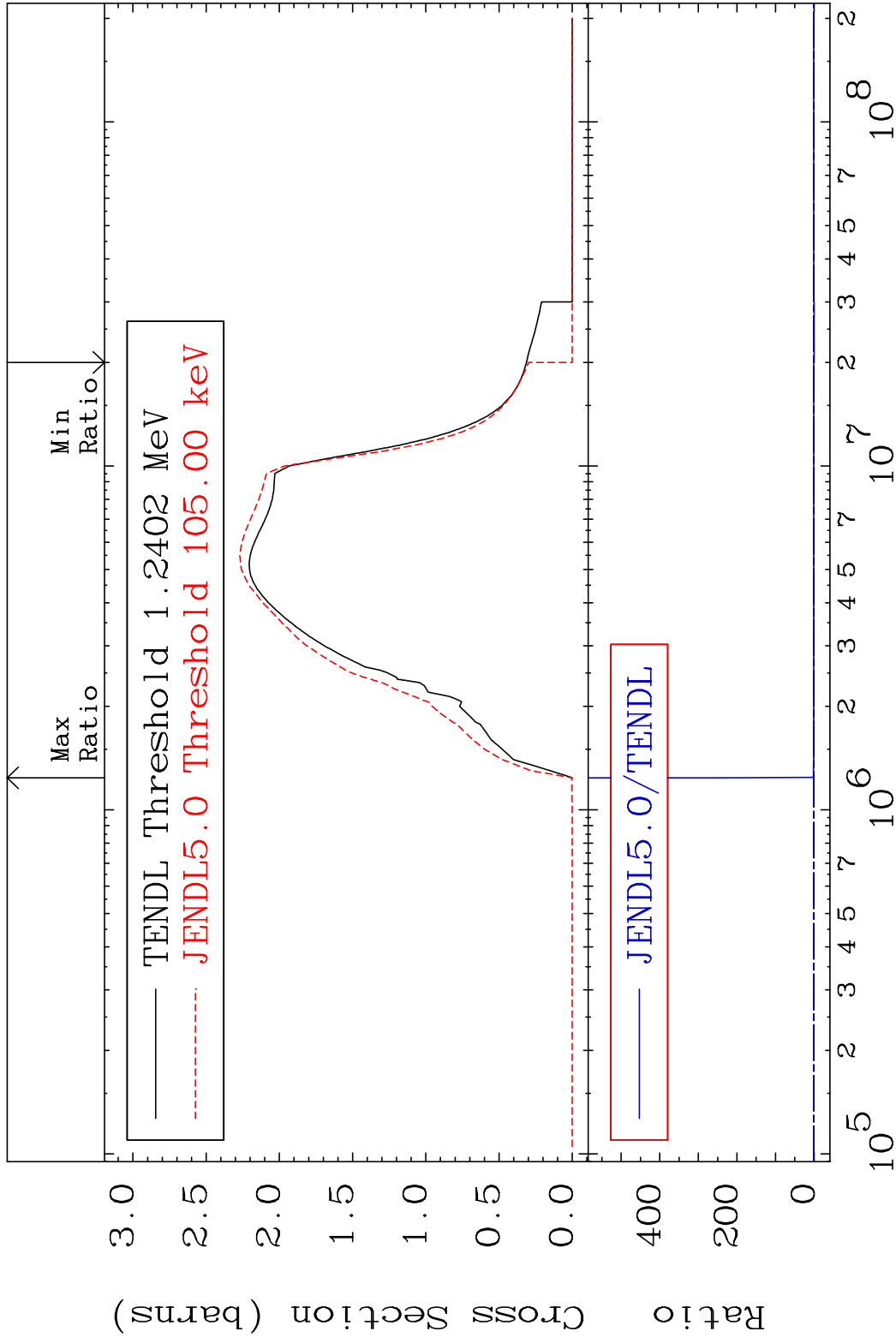


MAT 5043

Inelastic

50-Sn-118

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

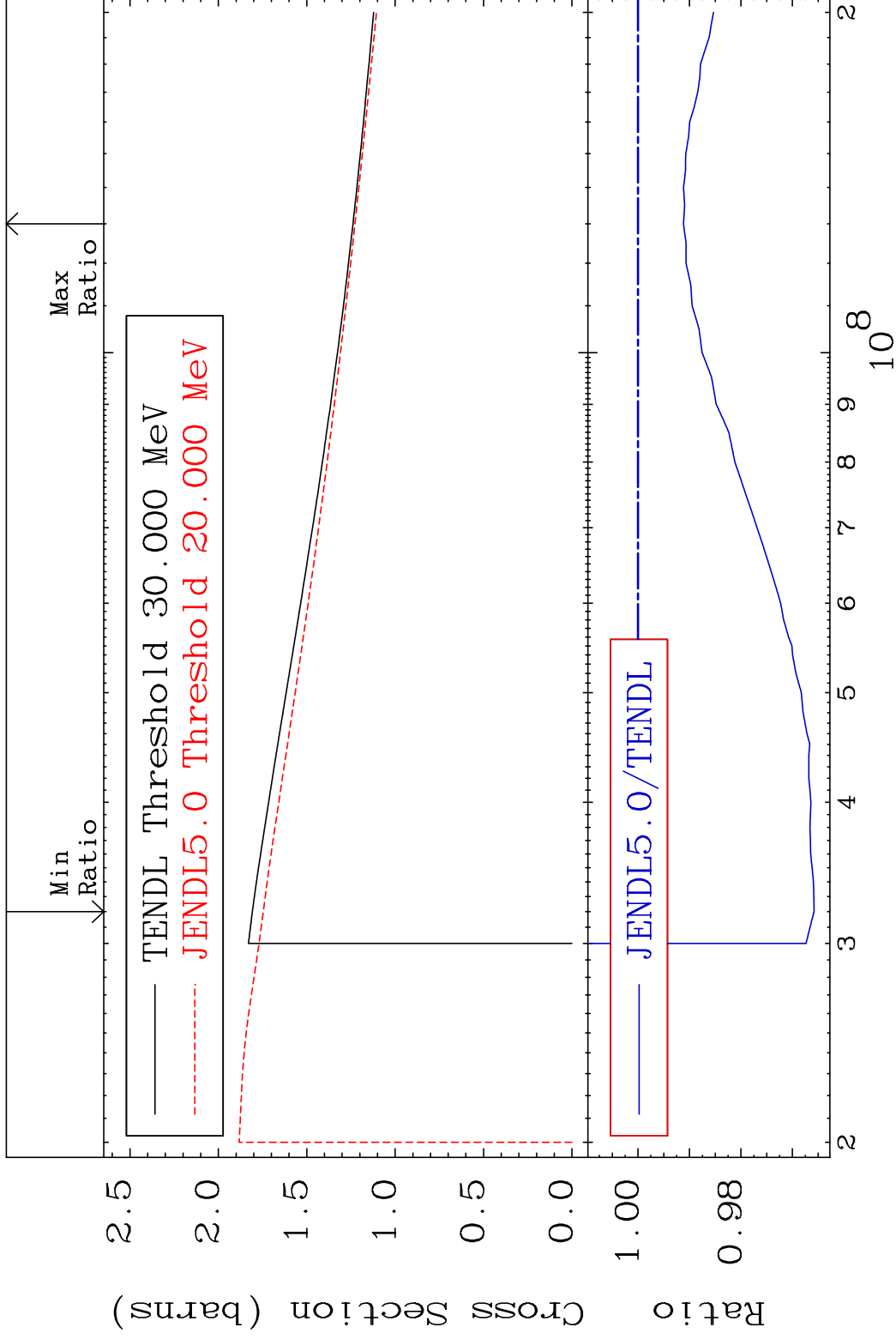
50-Sn-118

MAT 5043

(n, remainder)

50-Sn-118

Cross Section -3.419 To -0.883%



4

Incident Energy (eV)

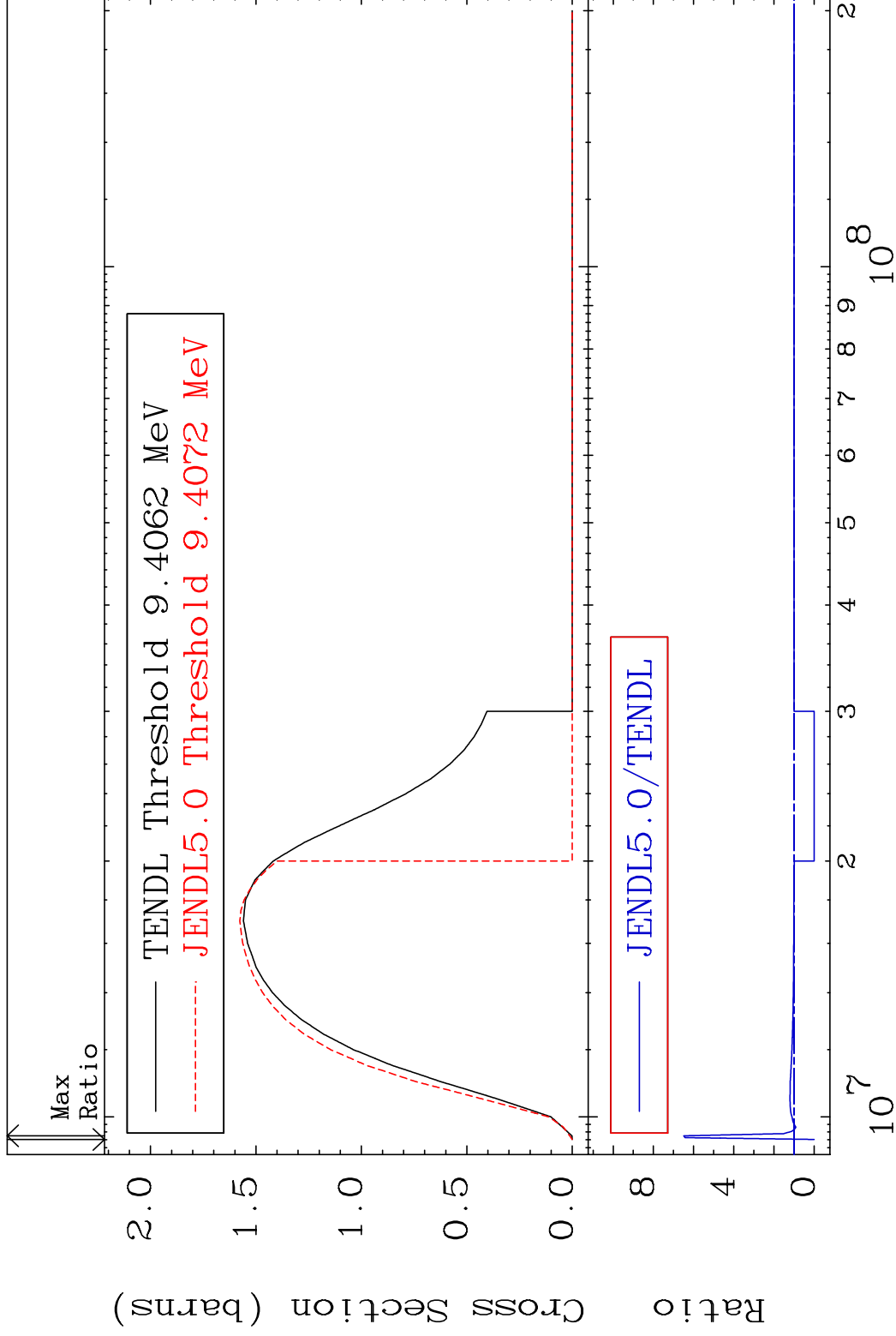
50-Sn-118

MAT 5043

(n,2n)

50-Sn-118

Cross Section -100.0 To 549.4 %

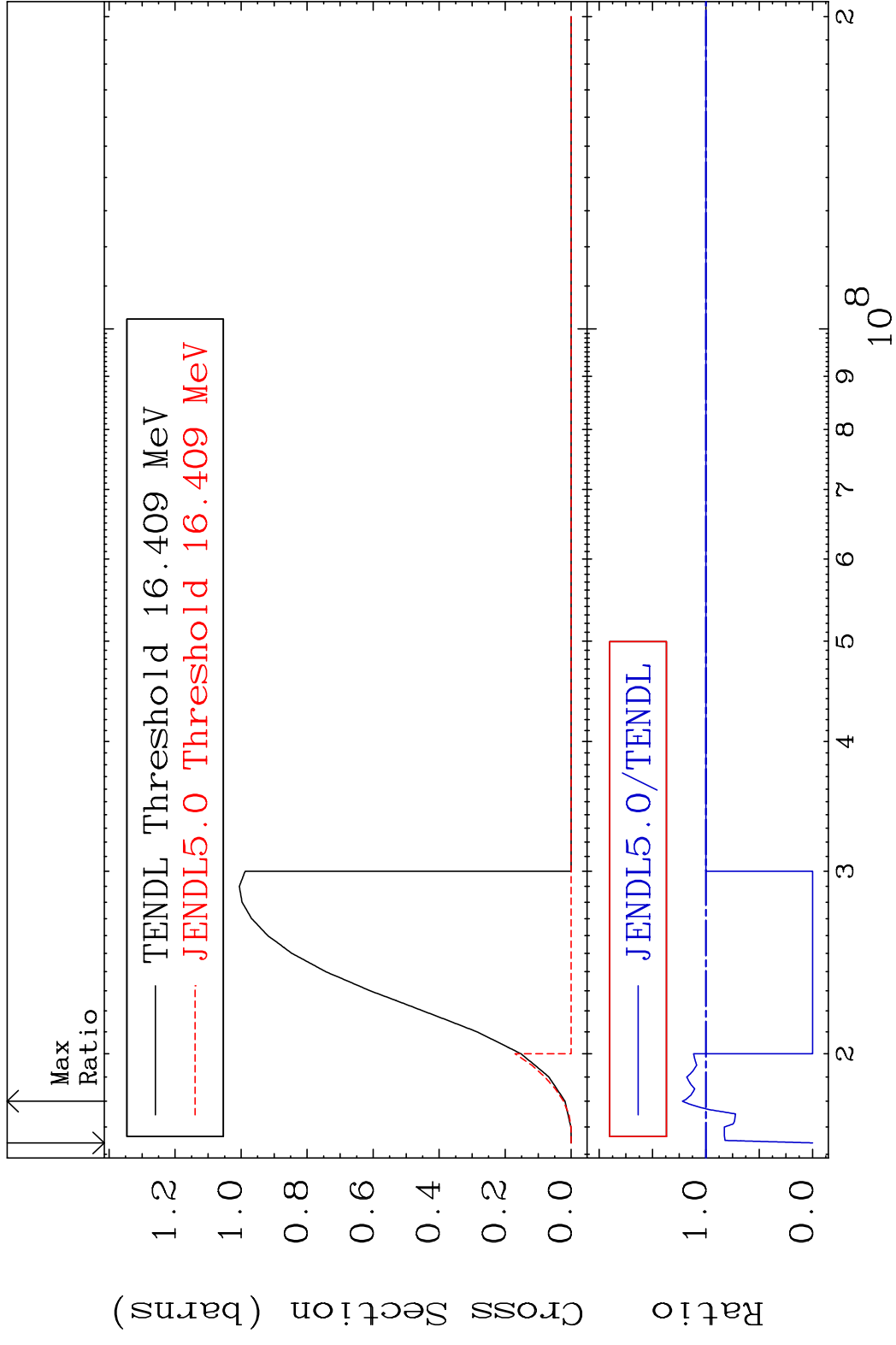


MAT 5043

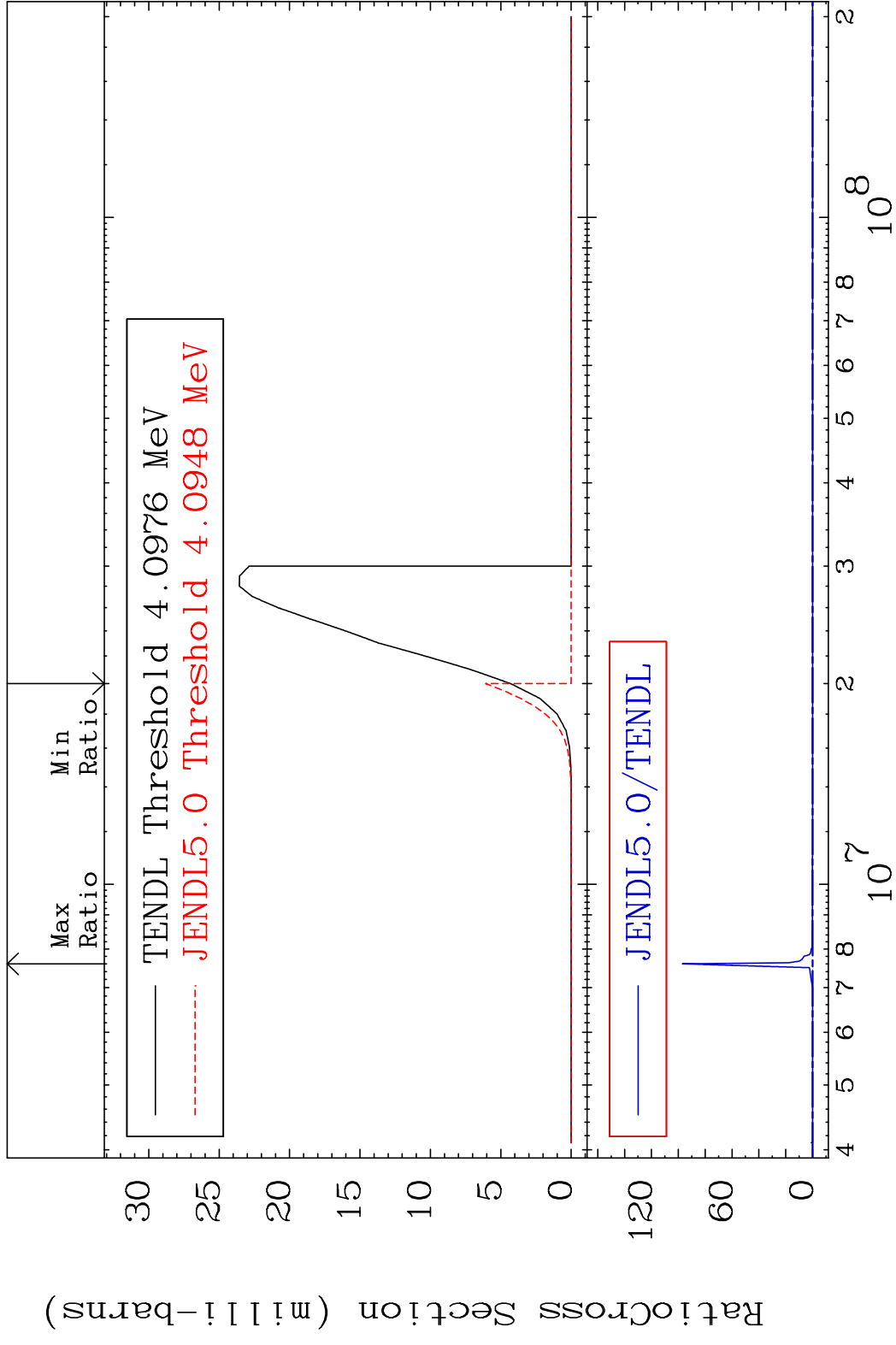
(n,3n)

50-Sn-118

Cross Section -100.0 To 22.03 %

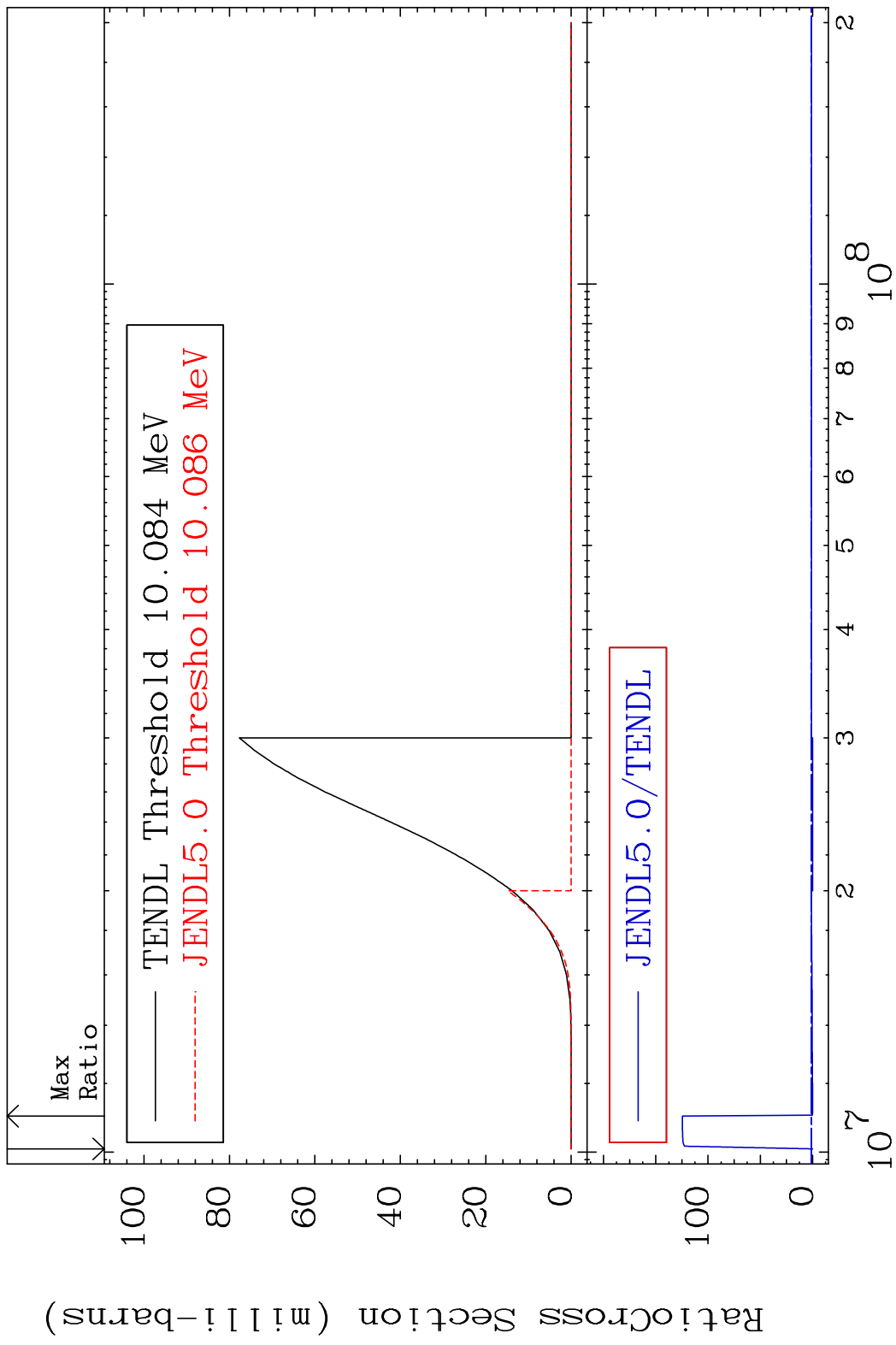


MAT 5043 (n, n') α 50-Sn-118
 Cross Section -100.0 To 9999. %



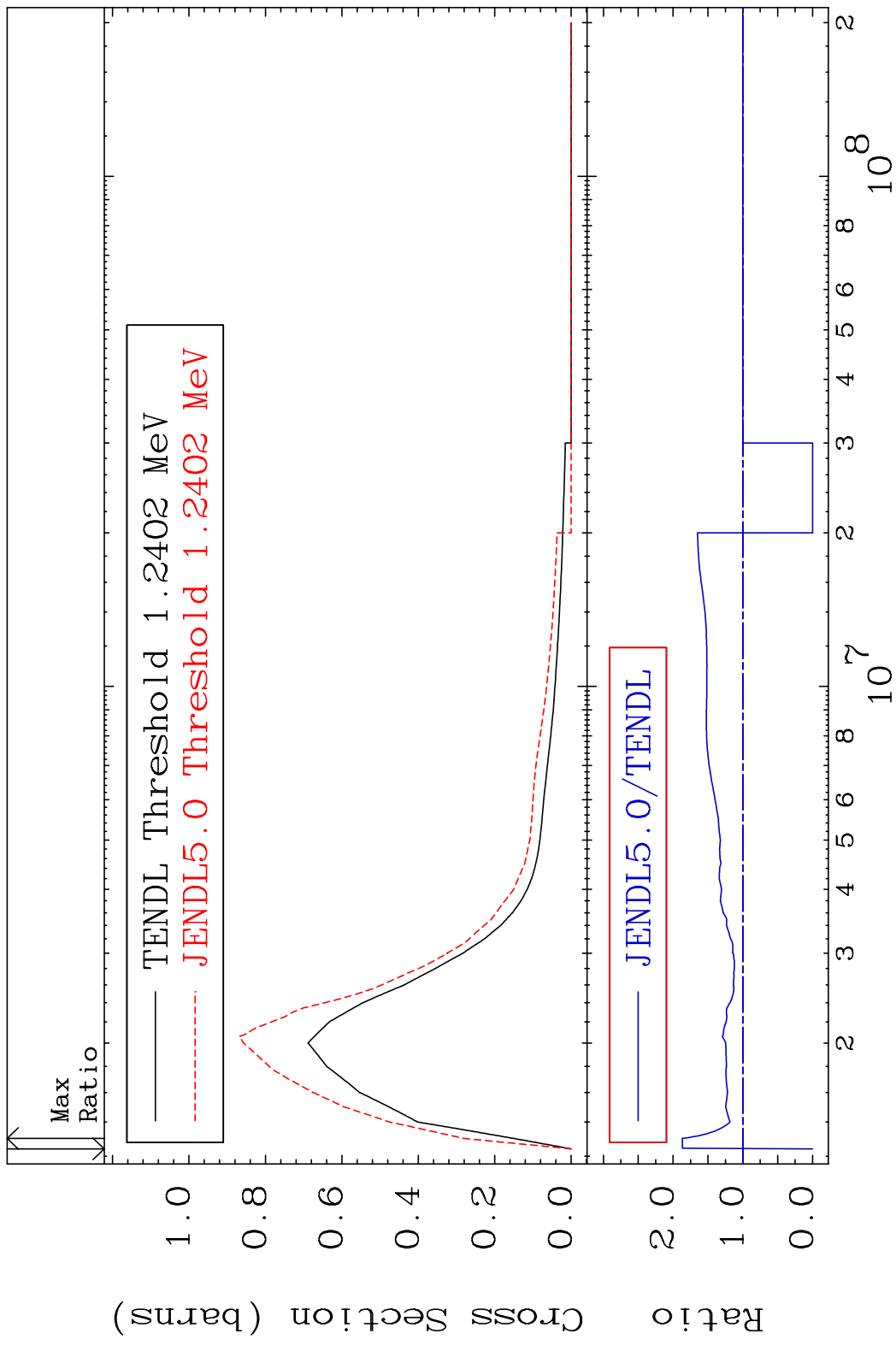
7 Incident Energy (eV) 50-Sn-118

MAT 5043 (n, n') p 50-Sn-118
 Cross Section -100.0 To 9999. %

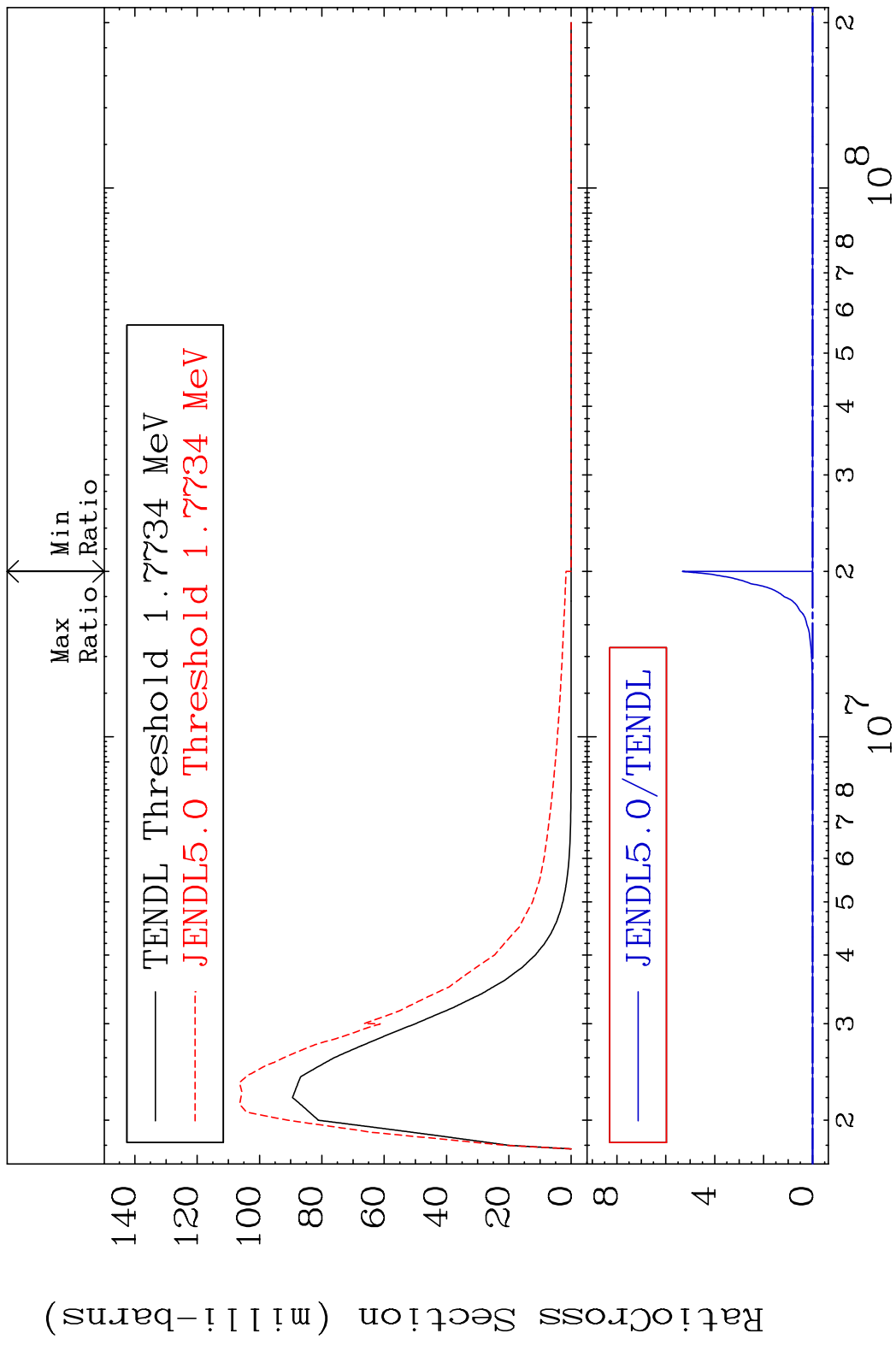


8 Incident Energy (eV) 50-Sn-118

MAT 5043 MT= 51 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 86.74 %



MAT 5043 MT= 52 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %

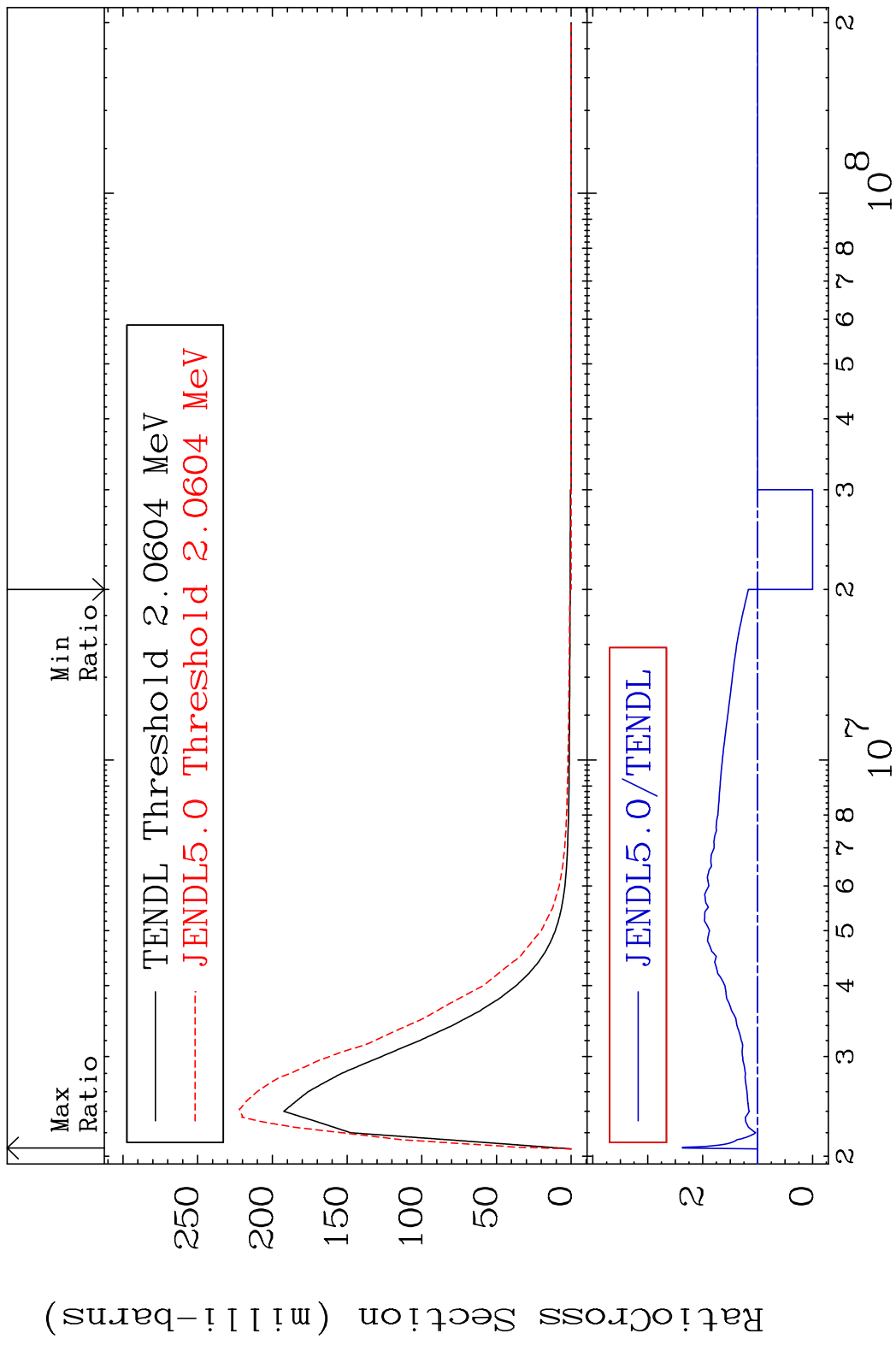


10

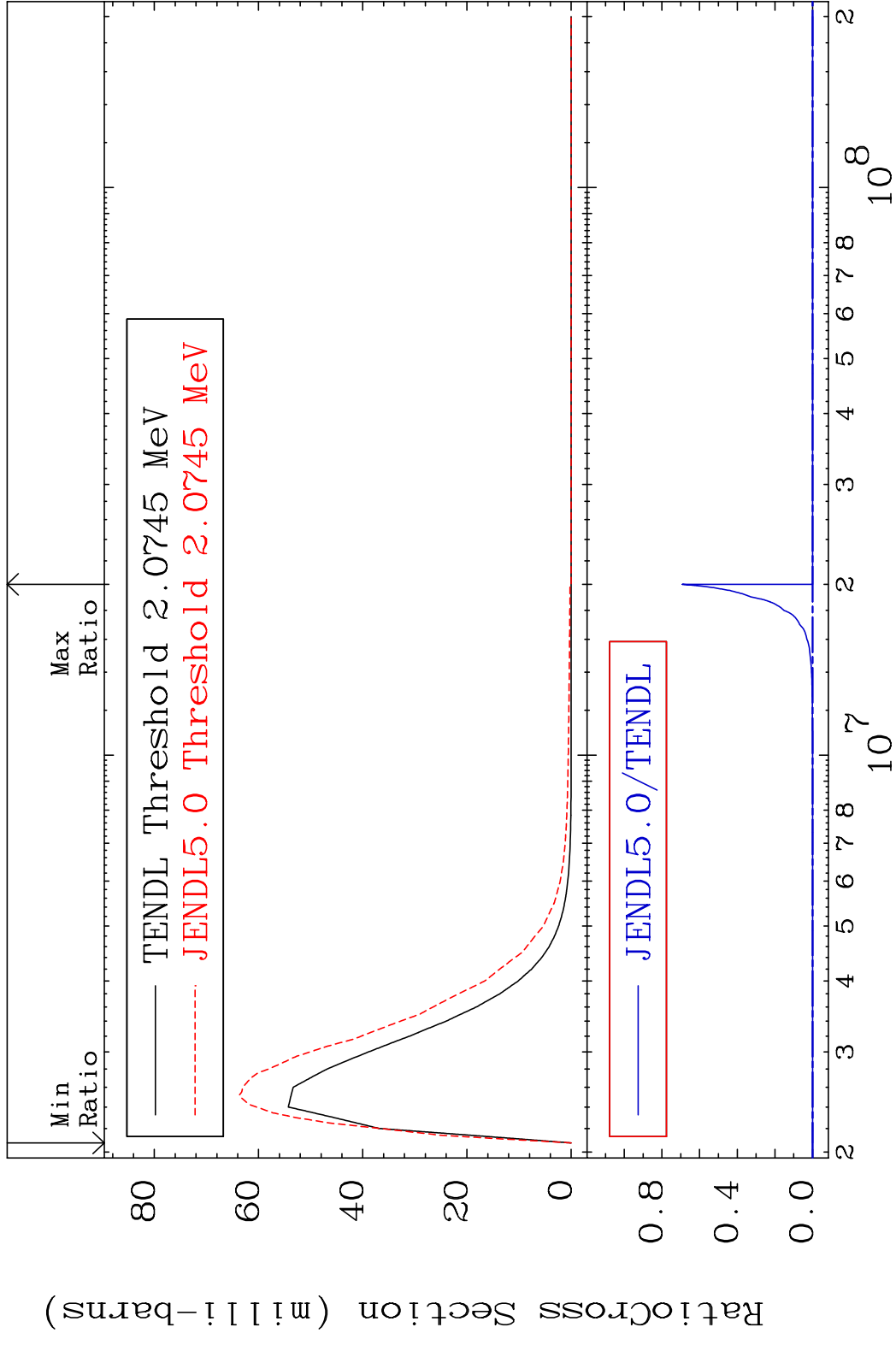
Incident Energy (eV)

50-Sn-118

MAT 5043 MT= 53 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 137.1 %

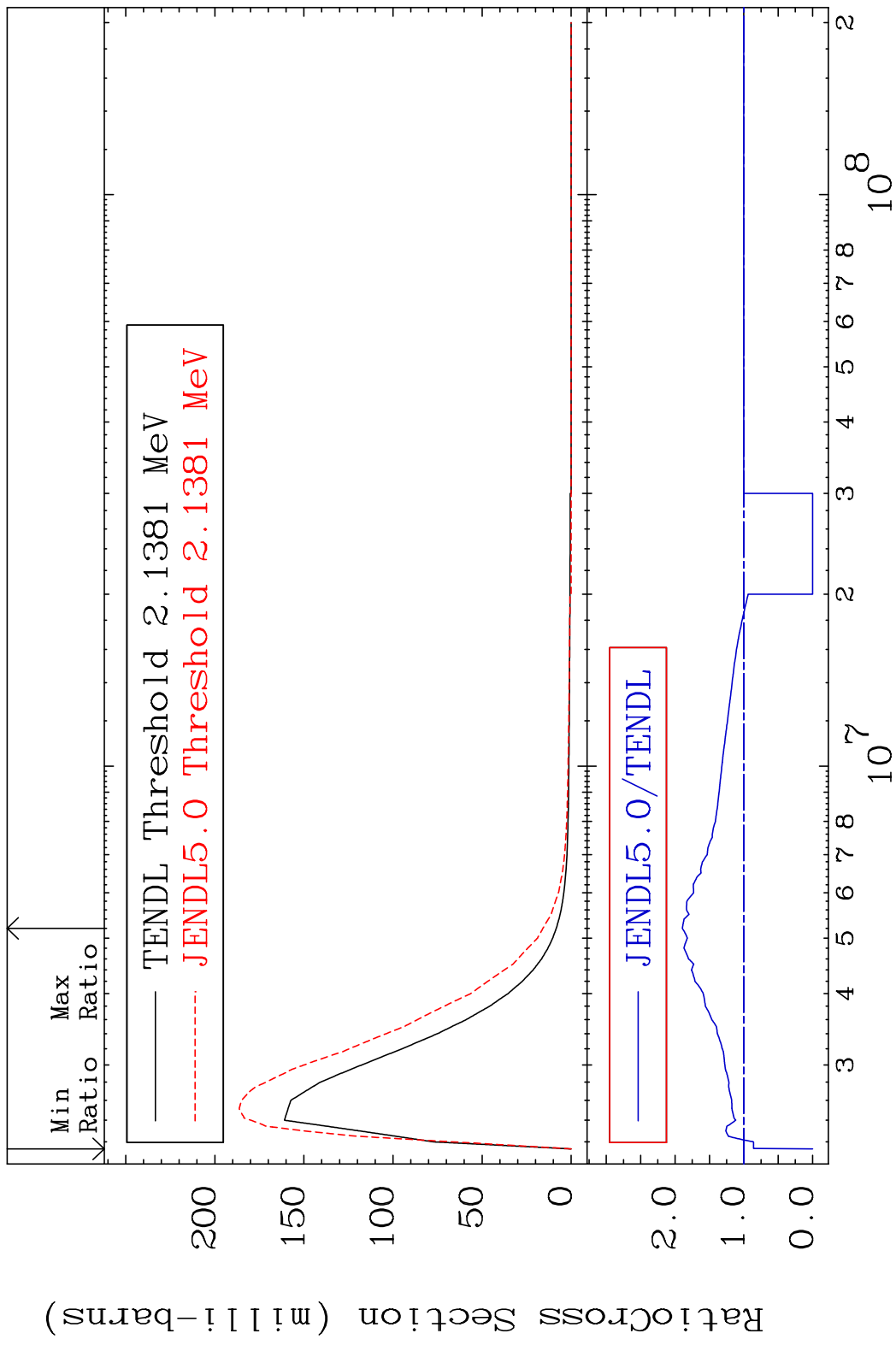


MAT 5043 MT= 54 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %

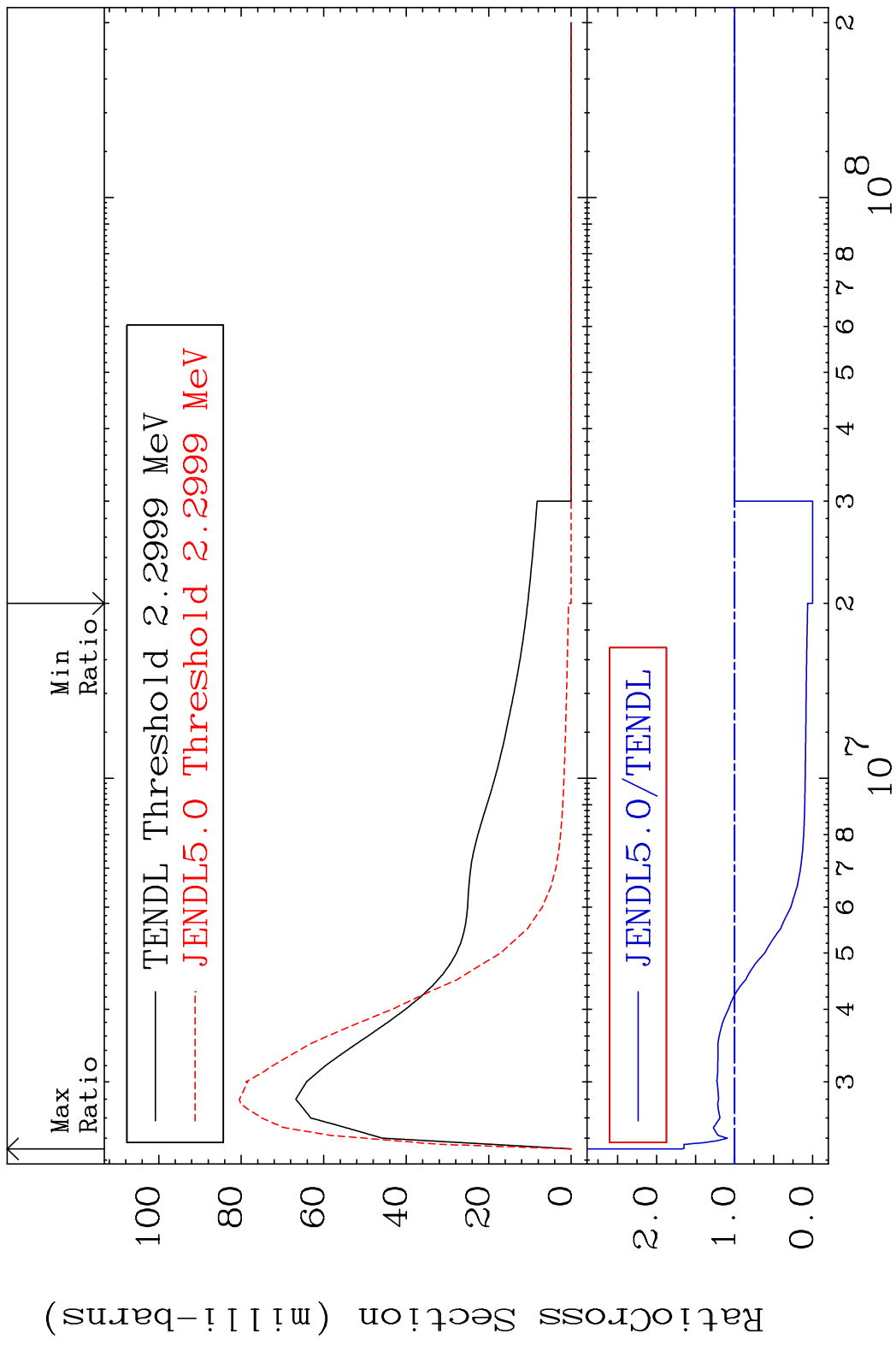


12 Incident Energy (eV) 50-Sn-118

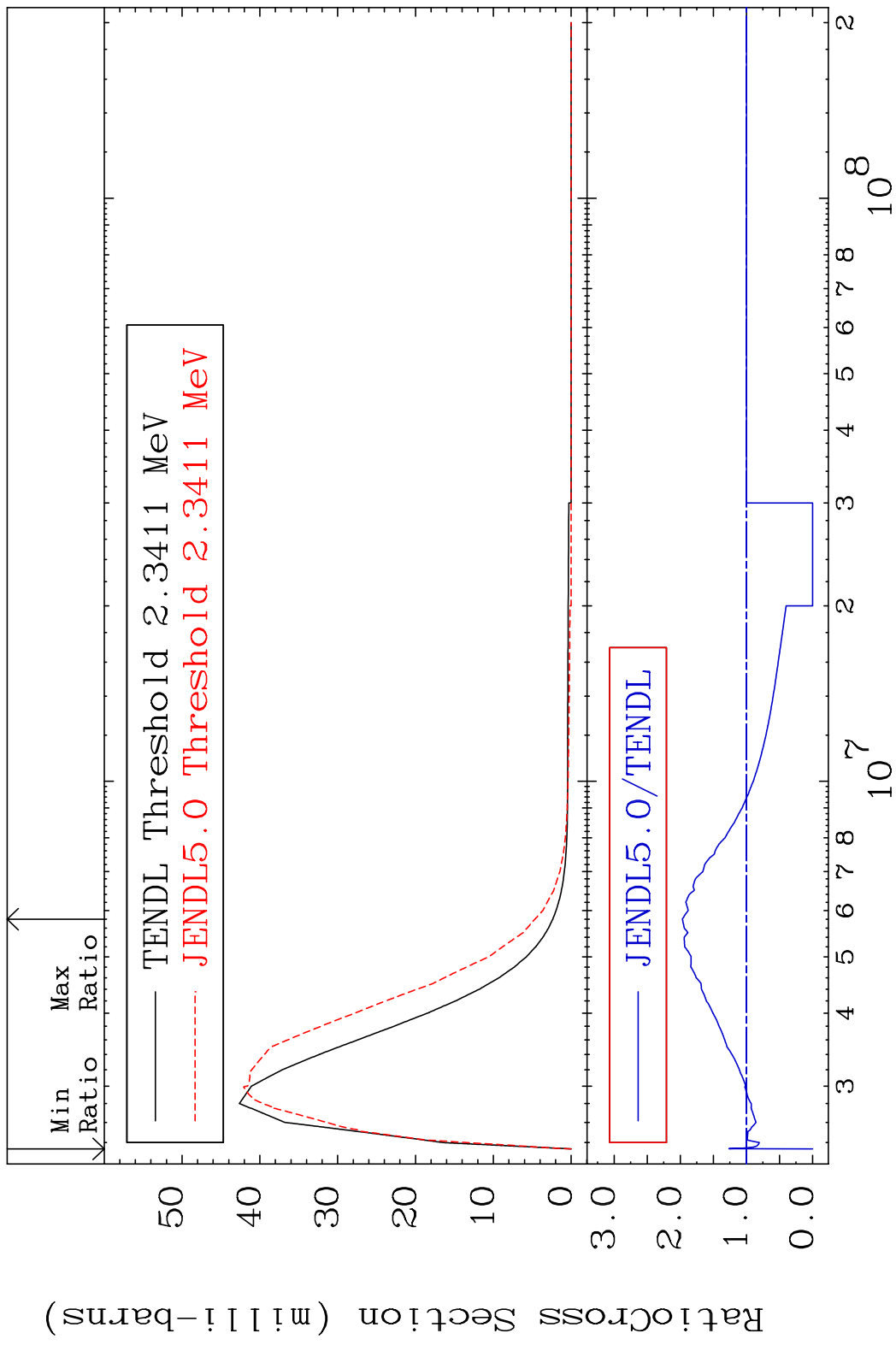
MAT 5043 MT= 55 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 89.37 %



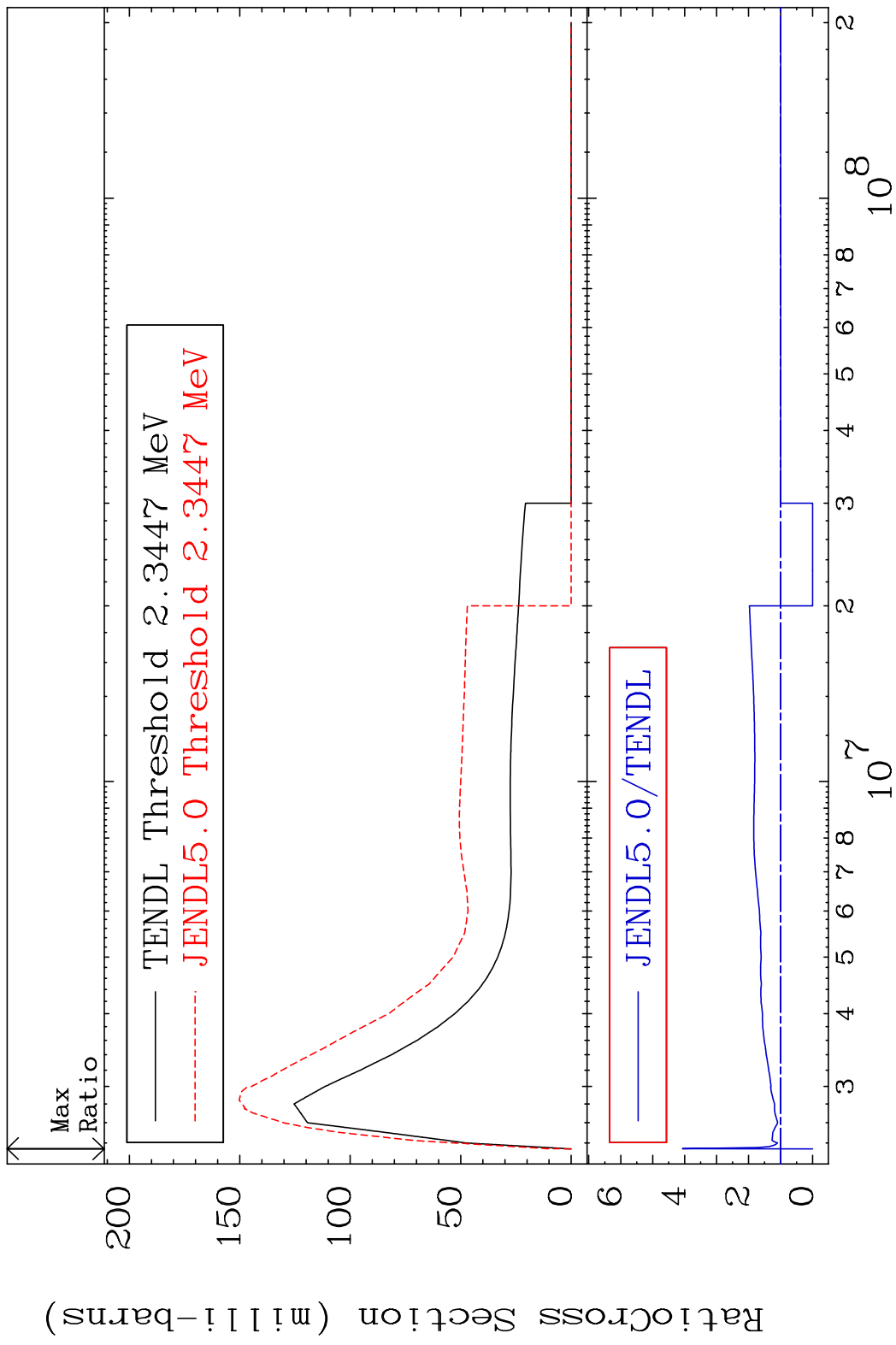
MAT 5043 MT= 56 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 66.96 %



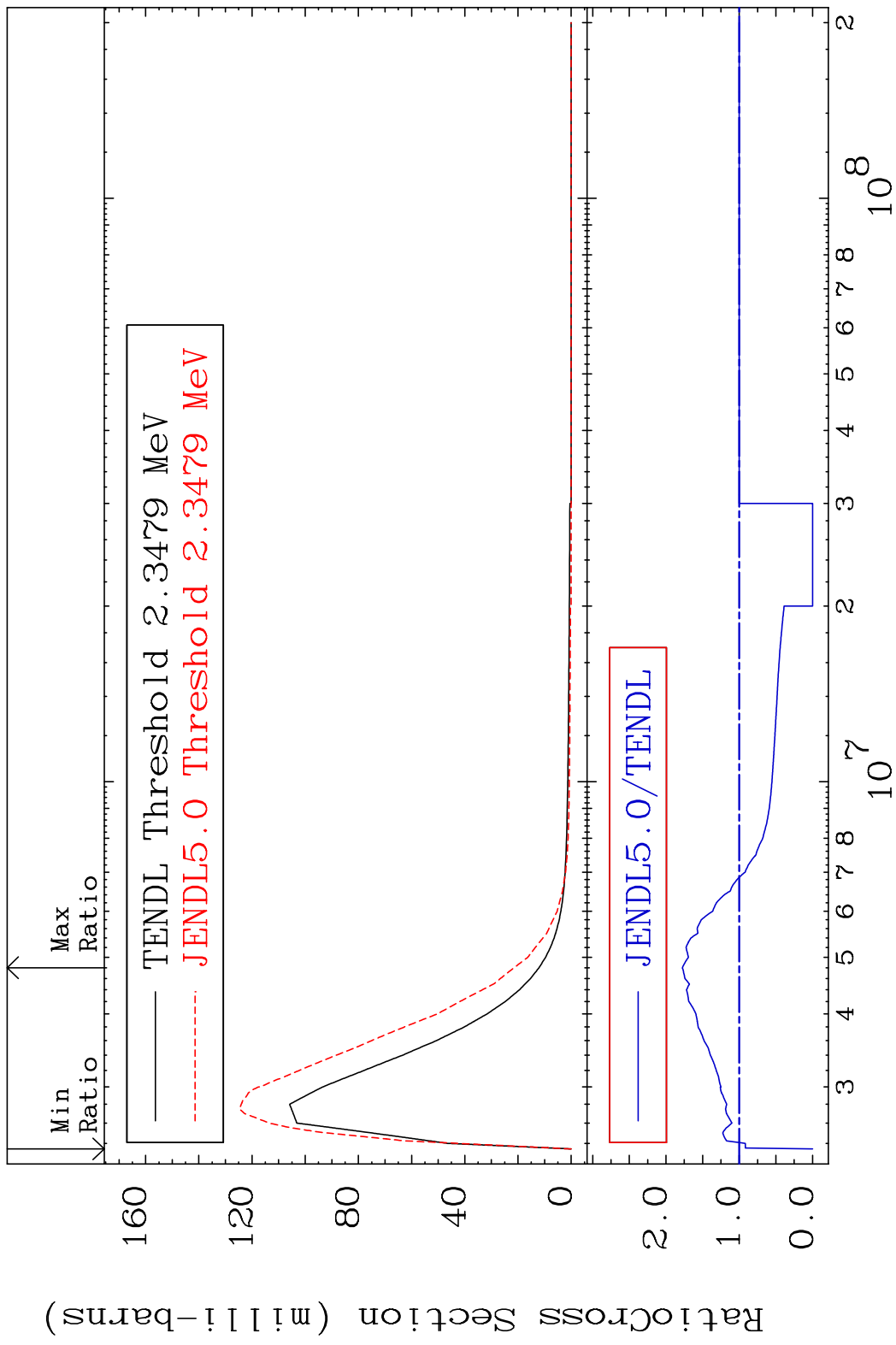
MAT 5043 MT= 57 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 96.82 %



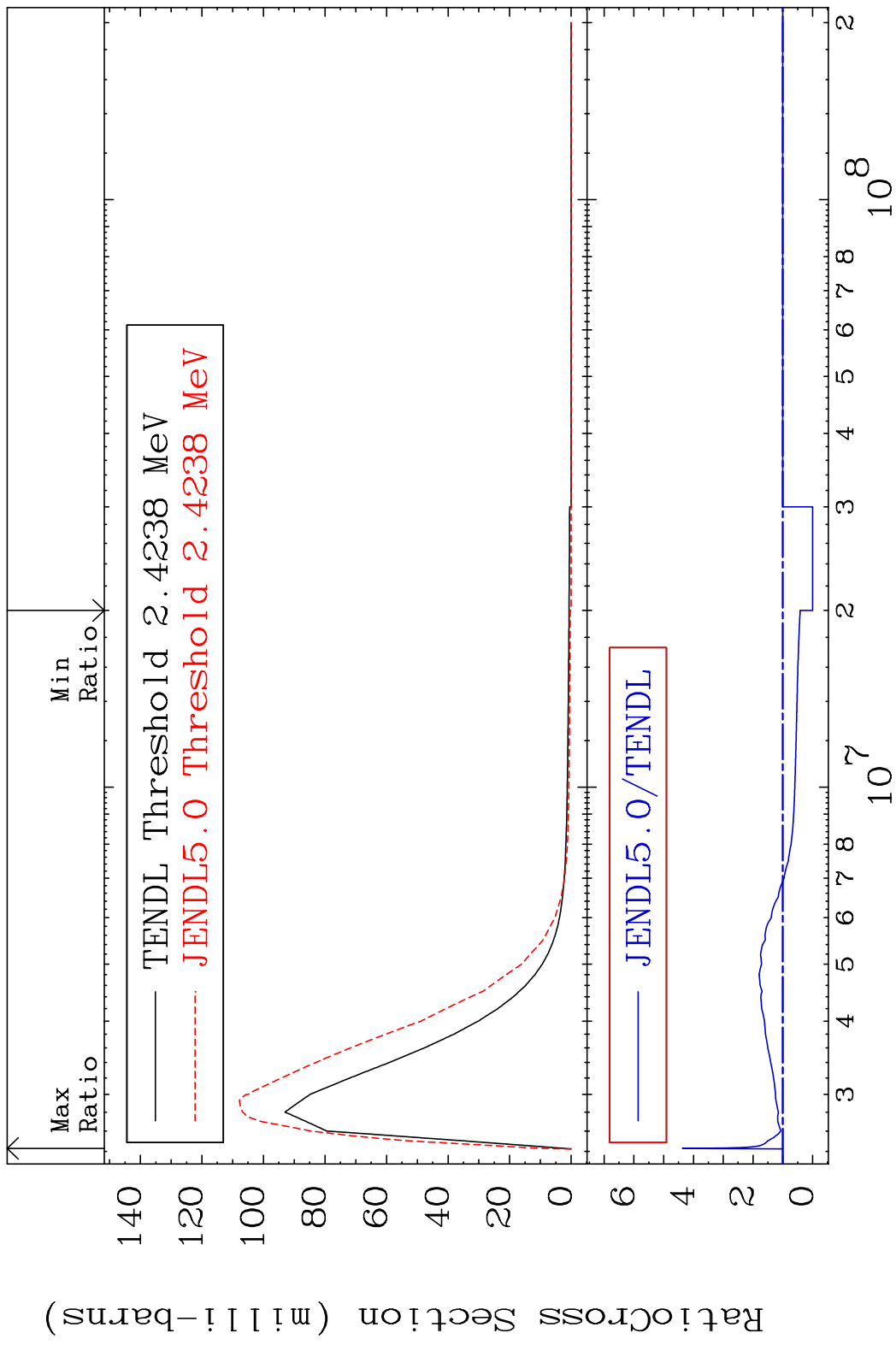
MAT 5043 MT= 58 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 307.3 %



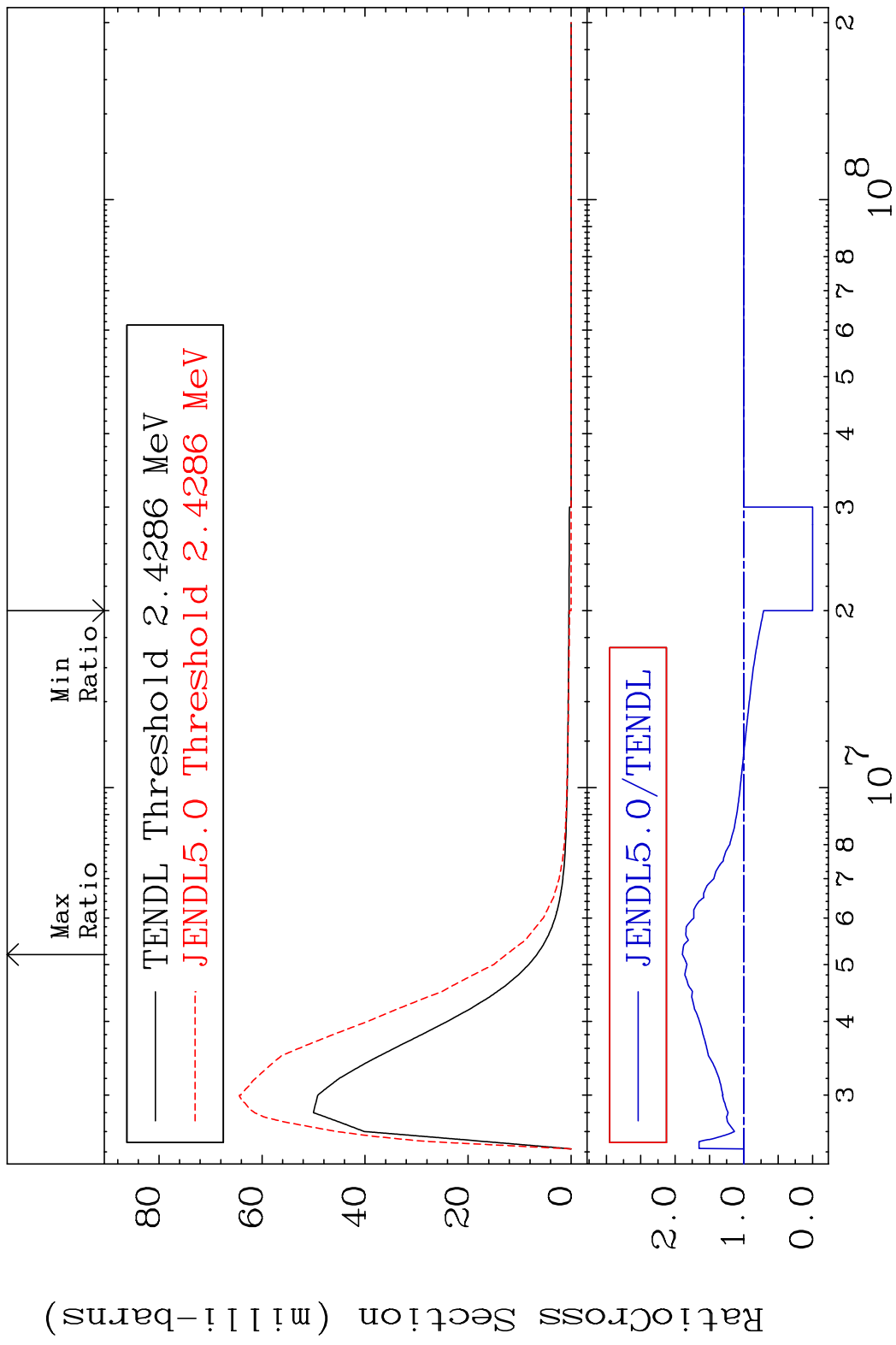
MAT 5043 MT= 59 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 77.65 %



MAT 5043 MT= 60 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 337.3 %

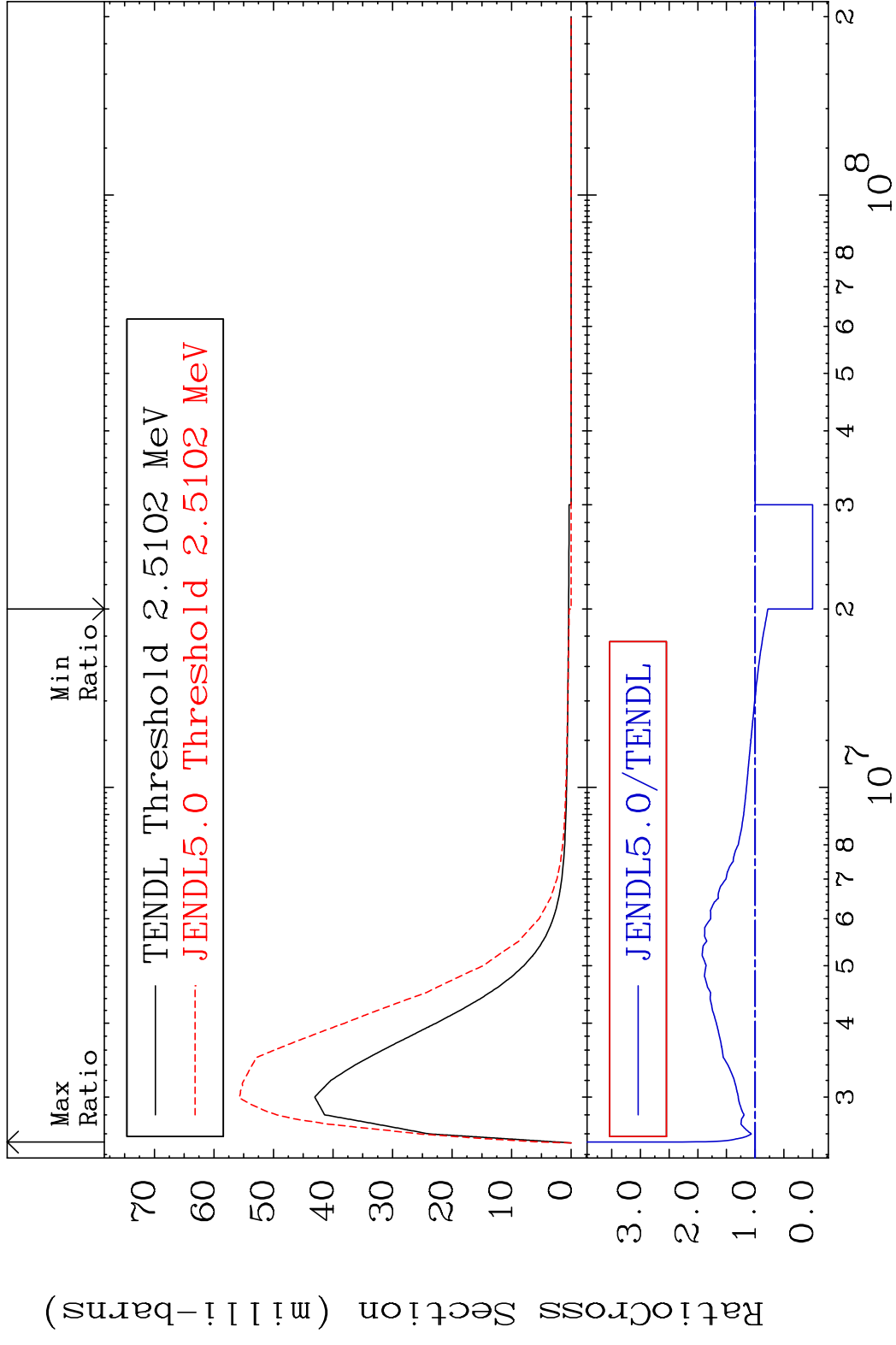


MAT 5043 MT= 61 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 89.41 %



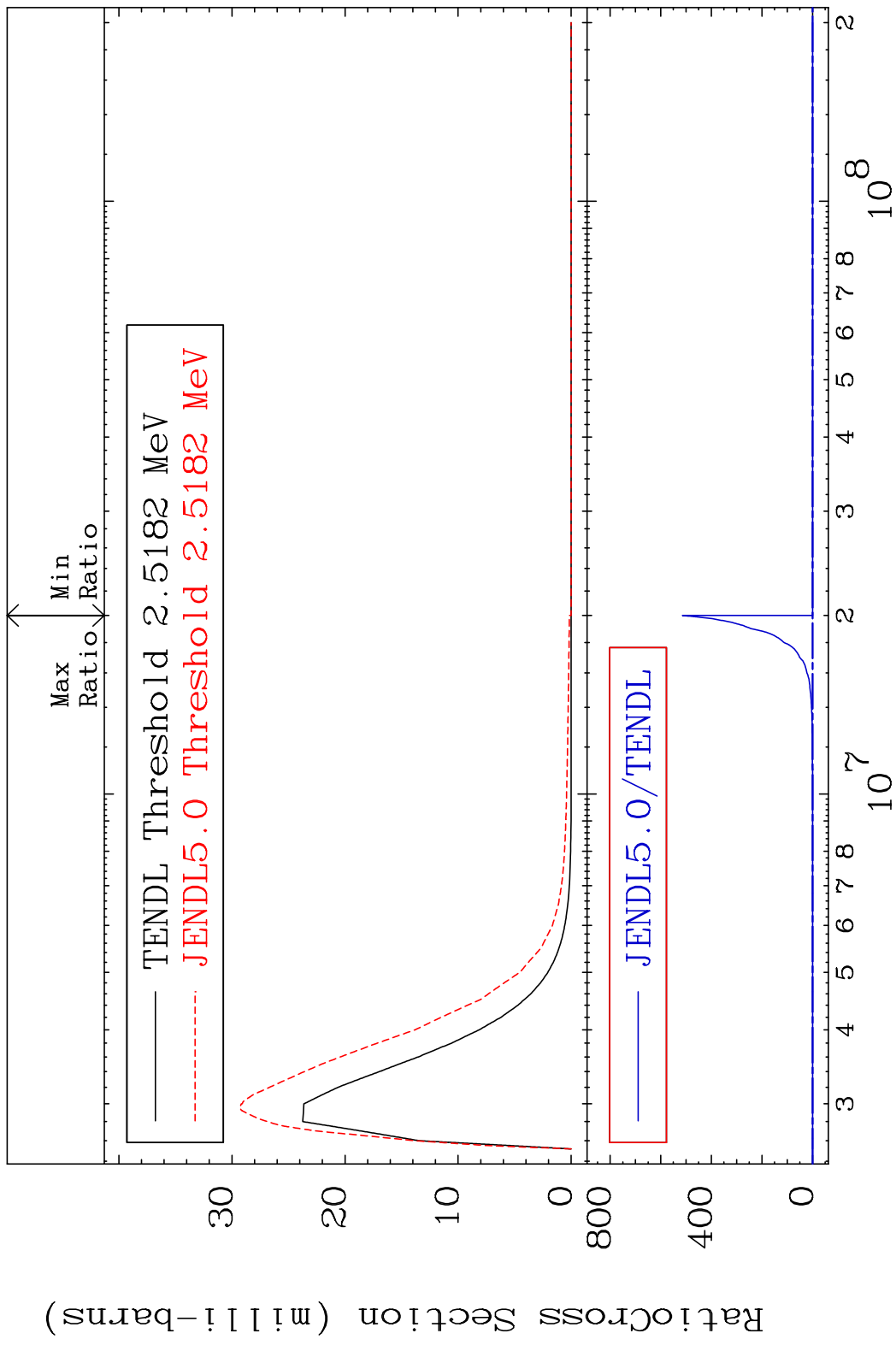
19 Incident Energy (eV) 50-Sn-118

MAT 5043 MT= 62 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 126.9 %

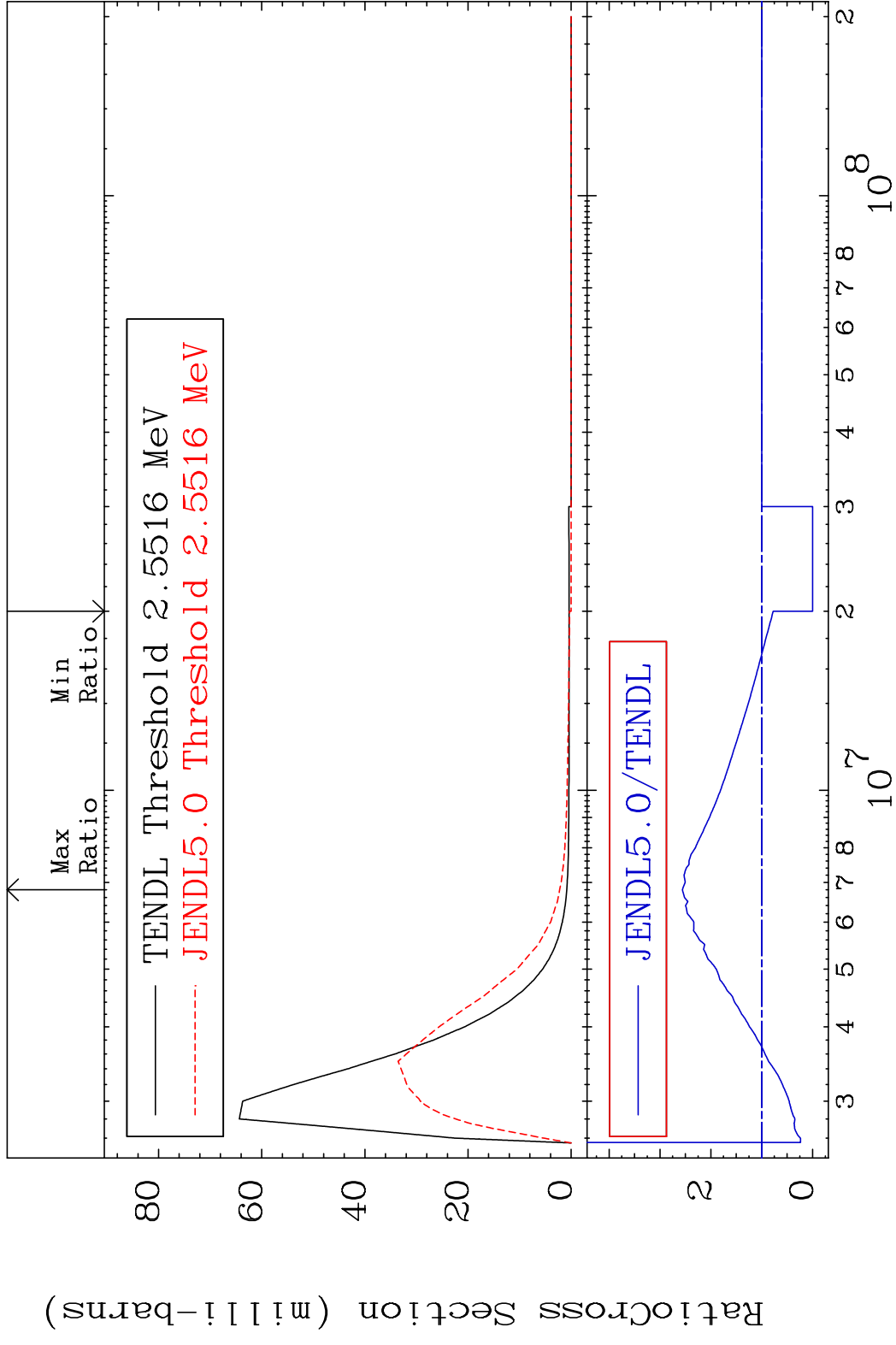


20 50-Sn-118

MAT 5043 MT= 63 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %



MAT 5043 MT= 64 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 156.0 %

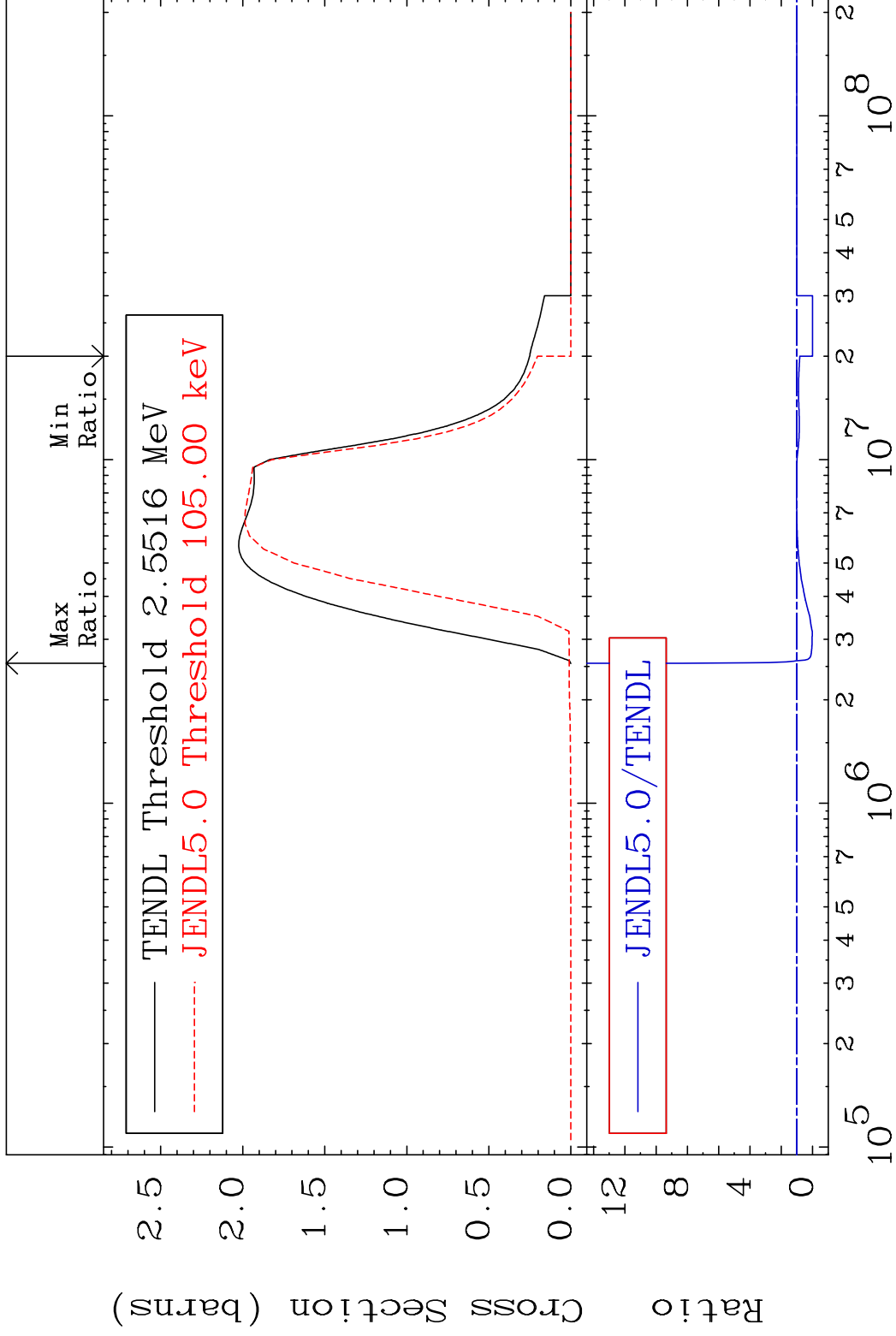


MAT 5043

(n, n') Continuum

50-Sn-118

Cross Section -100.0 To 733.2 %



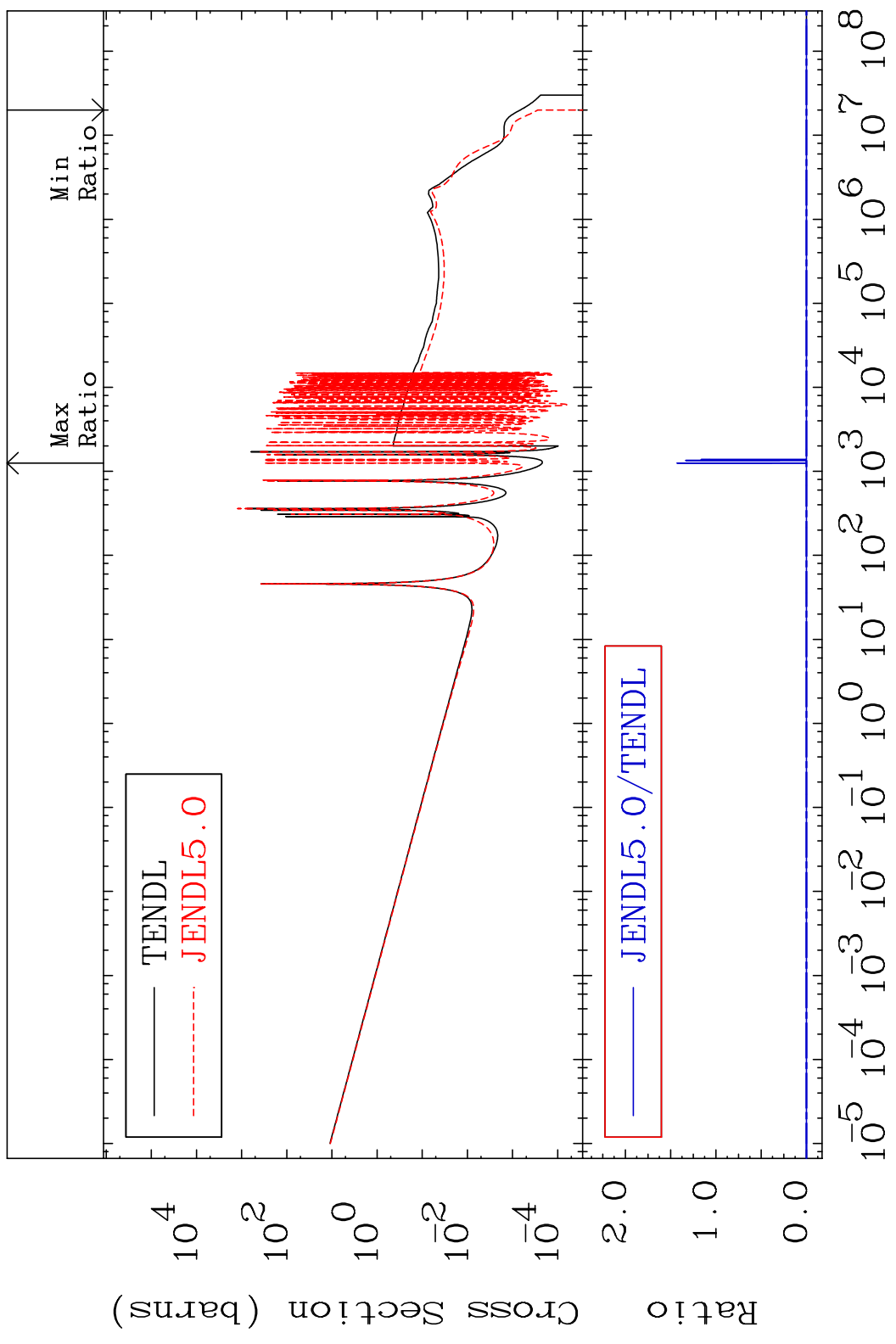
23

Incident Energy (eV)

50-Sn-118

MAT 5043

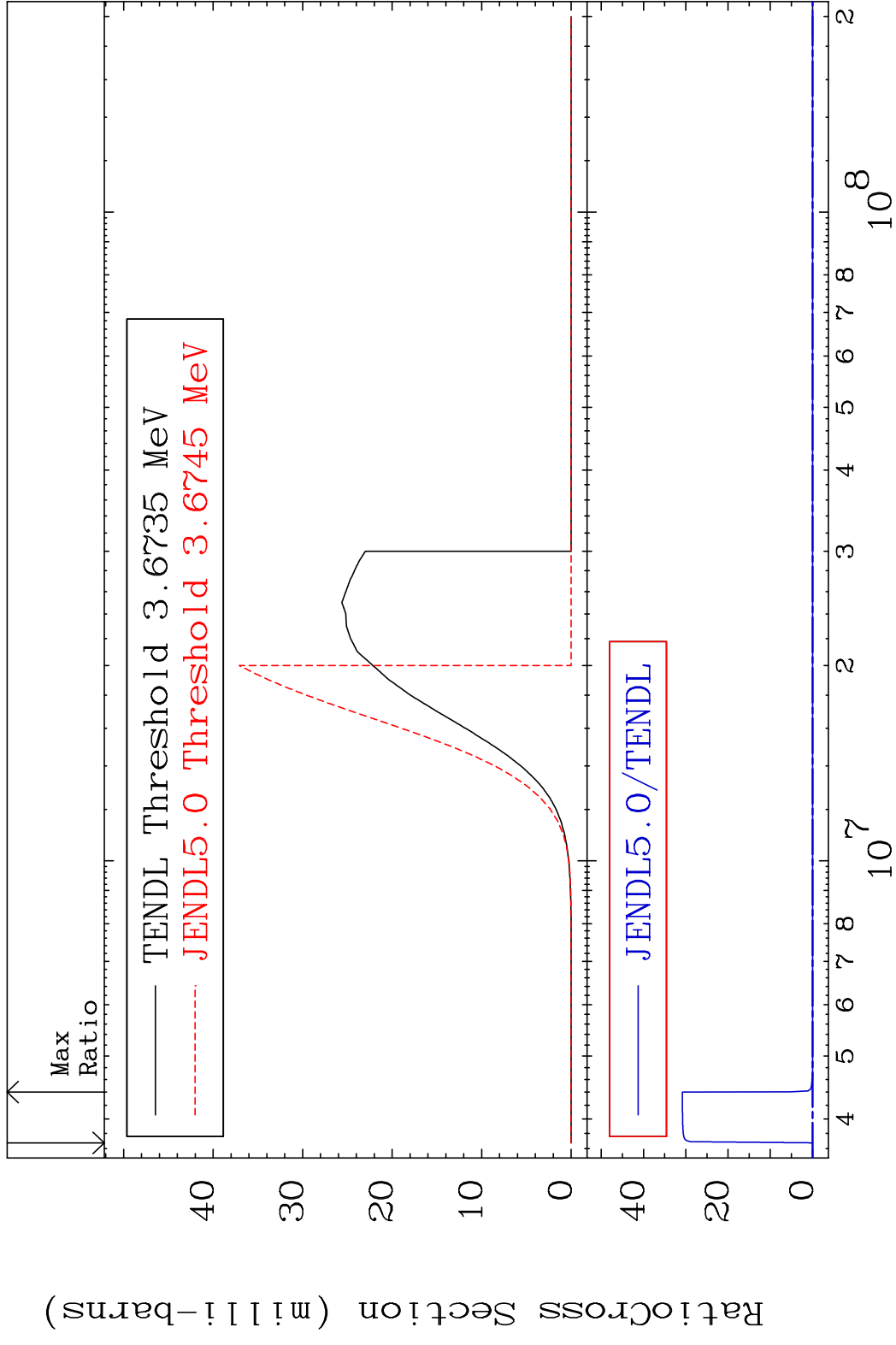
(n, γ)
Cross Section -100.0 To 9999. %
50-Sn-118



24

Incident Energy (eV) 50-Sn-118

MAT 5043 (n,p) 50-Sn-118
 Cross Section -100.0 To 9999. %

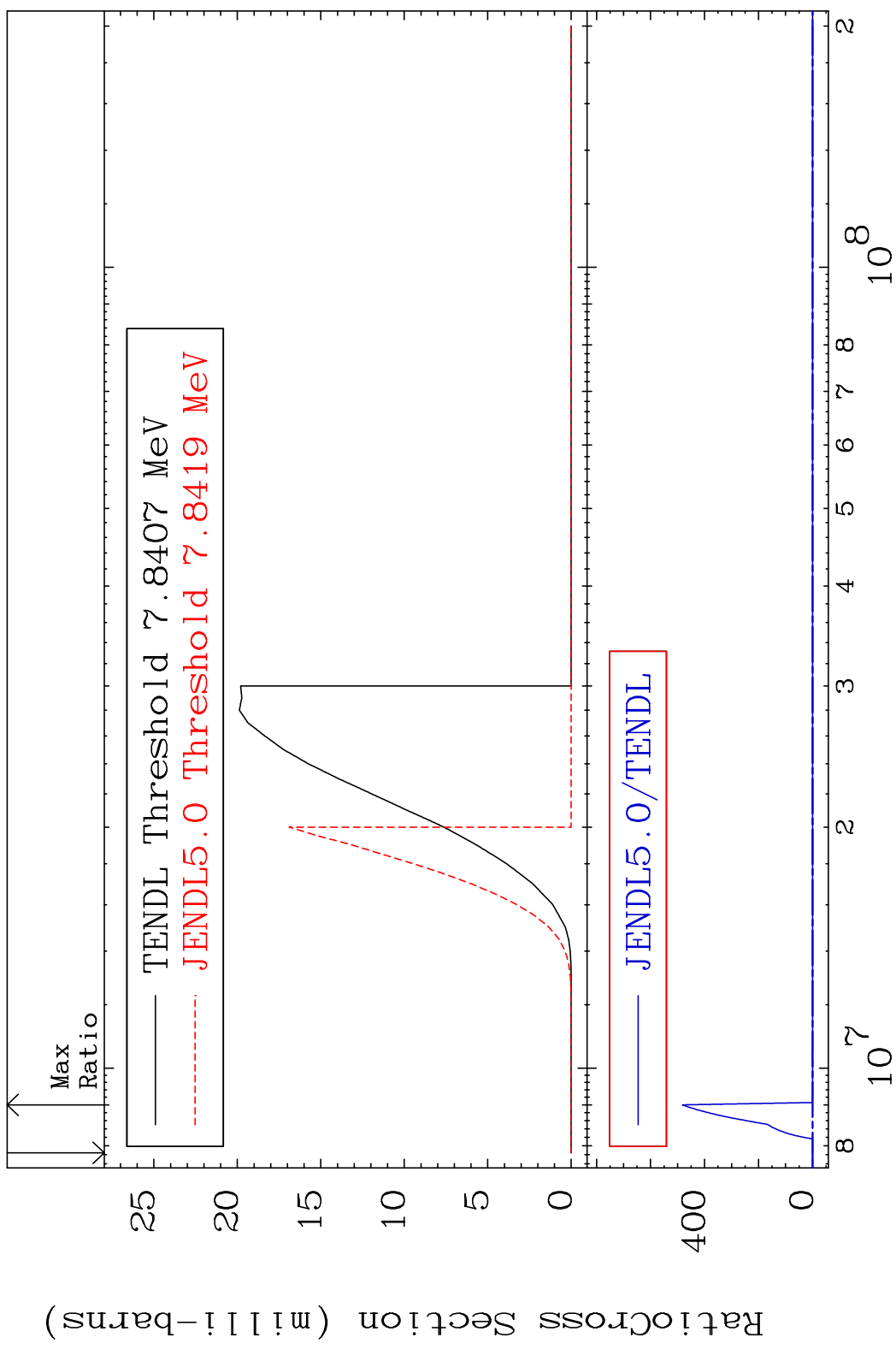


MAT 5043

(n,d)

50-Sn-118

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

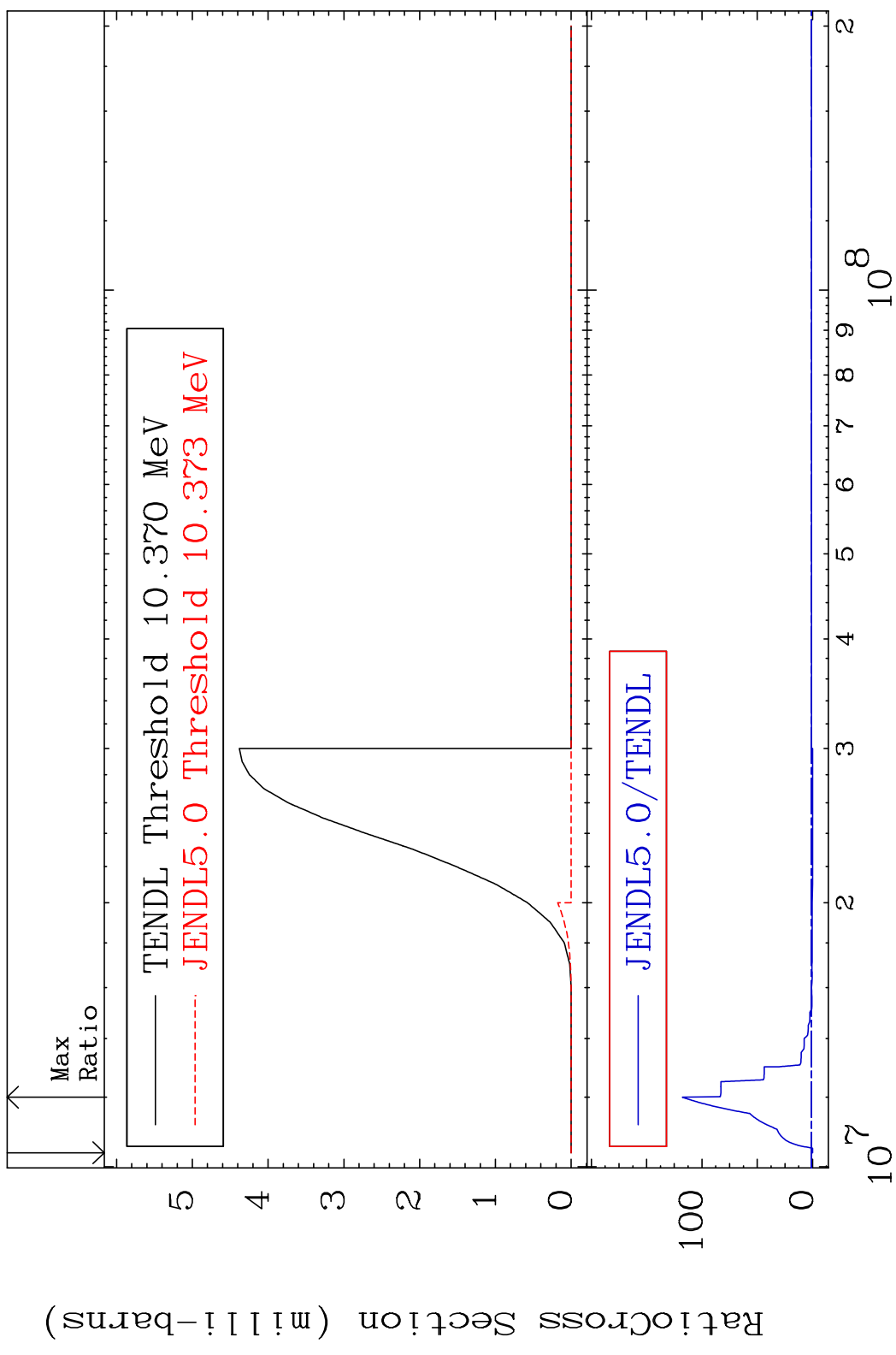
50-Sn-118

MAT 5043

(n, t)

50-Sn-118

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

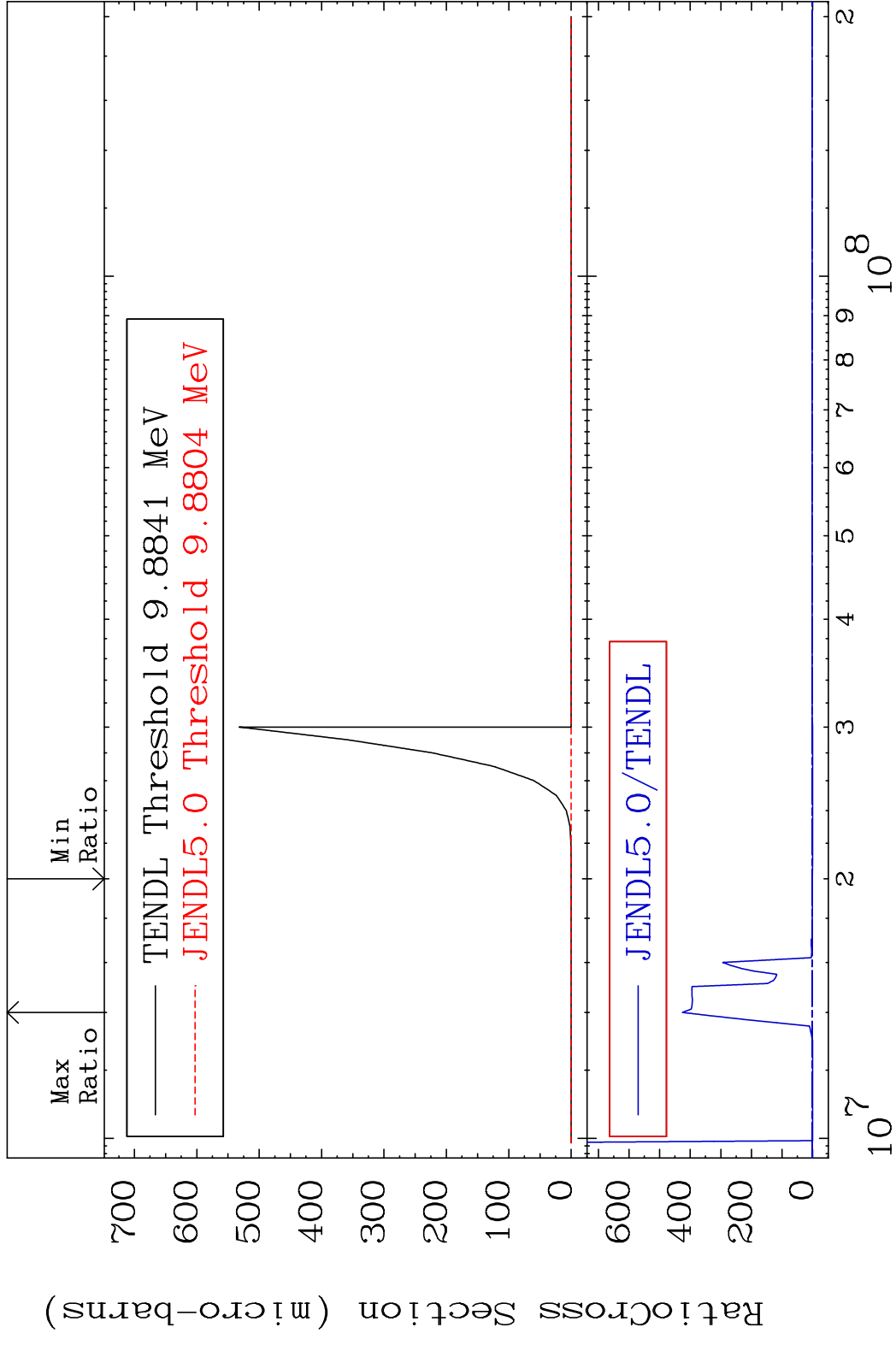
50-Sn-118

MAT 5043

(n, He-3)

50-Sn-118

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

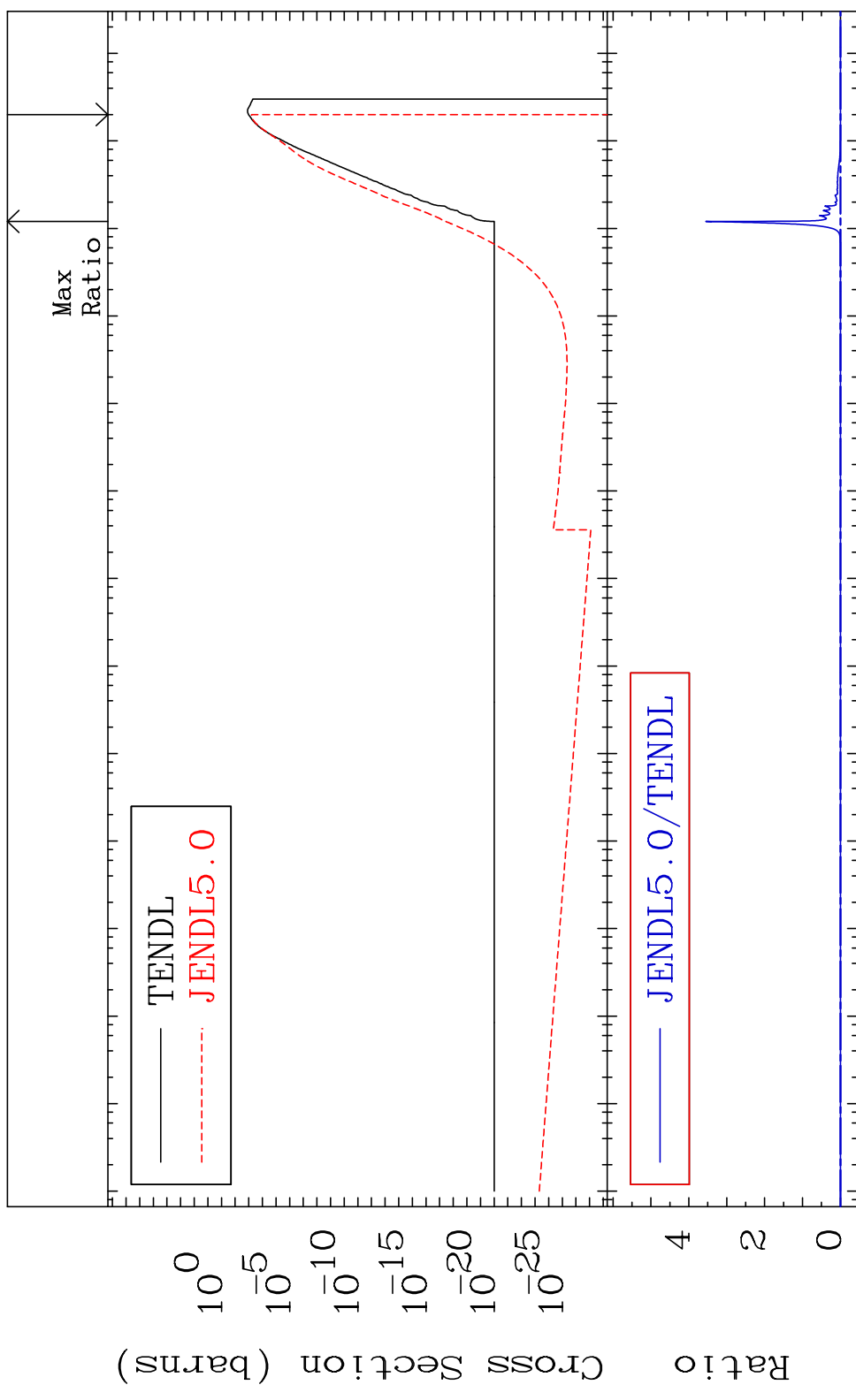
50-Sn-118

MAT 5043

(n, α)

50-Sn-118

Cross Section -100.0 To 9999. %

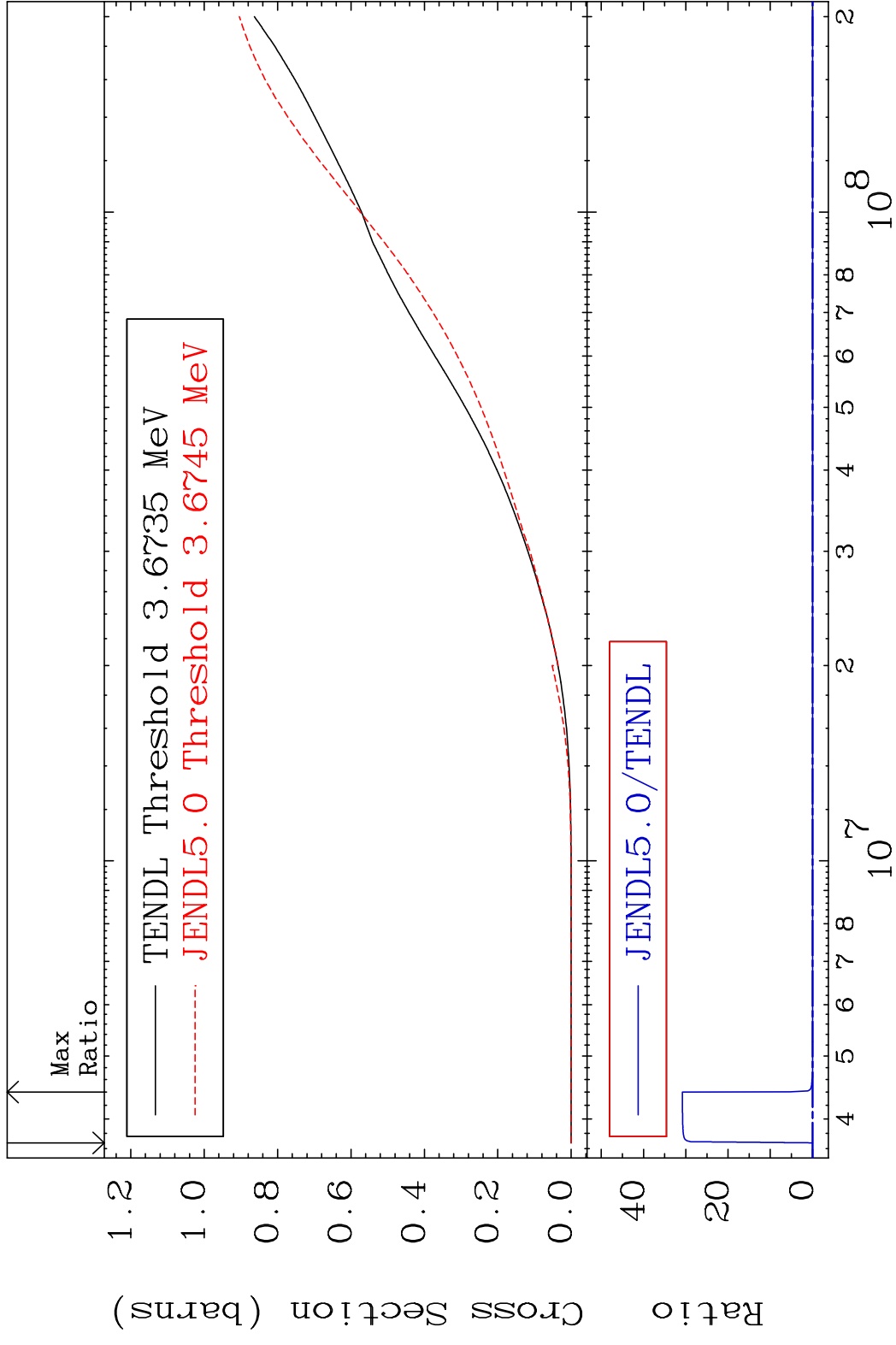


29

Incident Energy (eV)

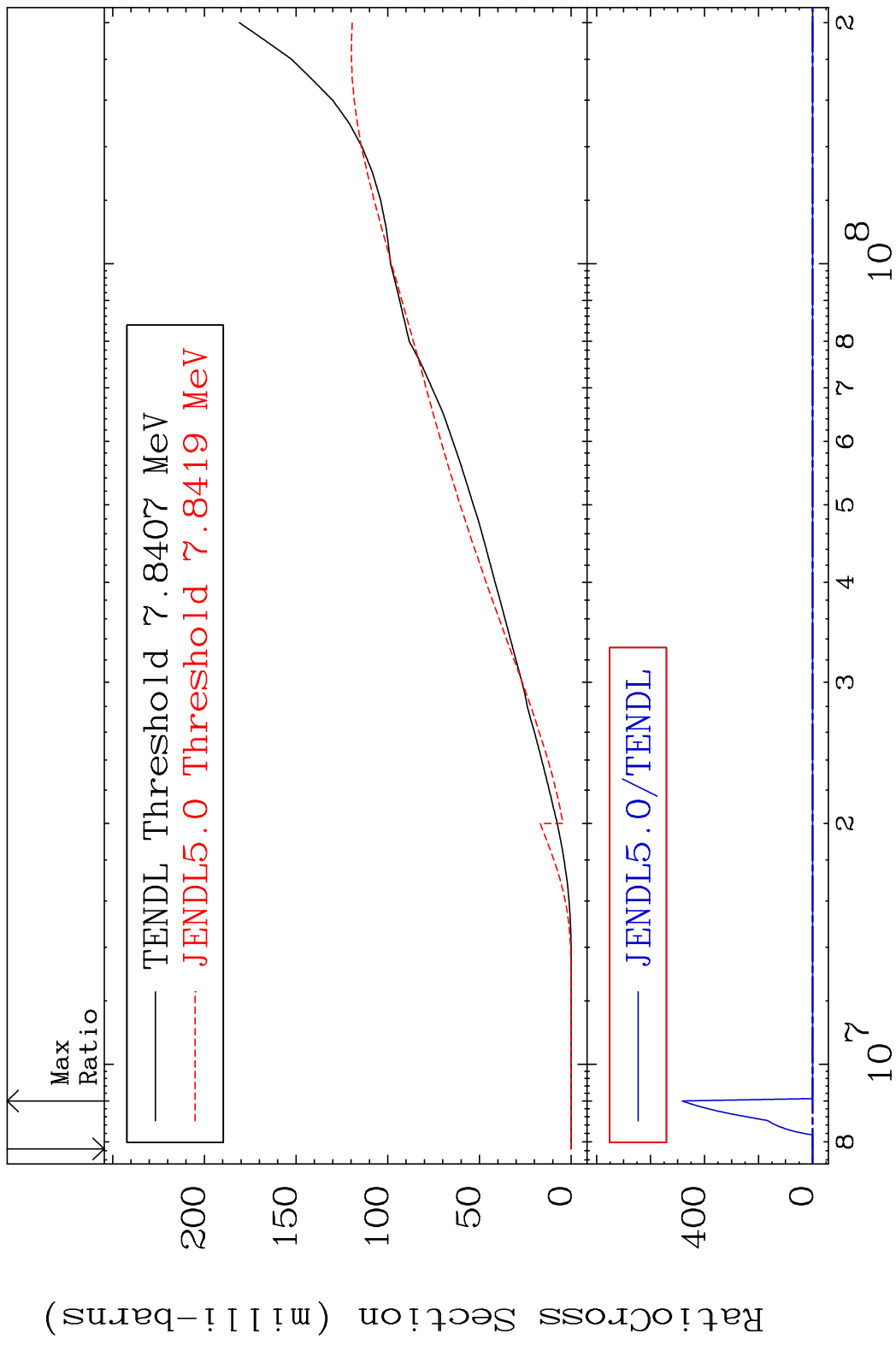
50-Sn-118

MAT 5043 Hydrogen Production 50-Sn-118
 Cross Section -100.0 To 9999. %



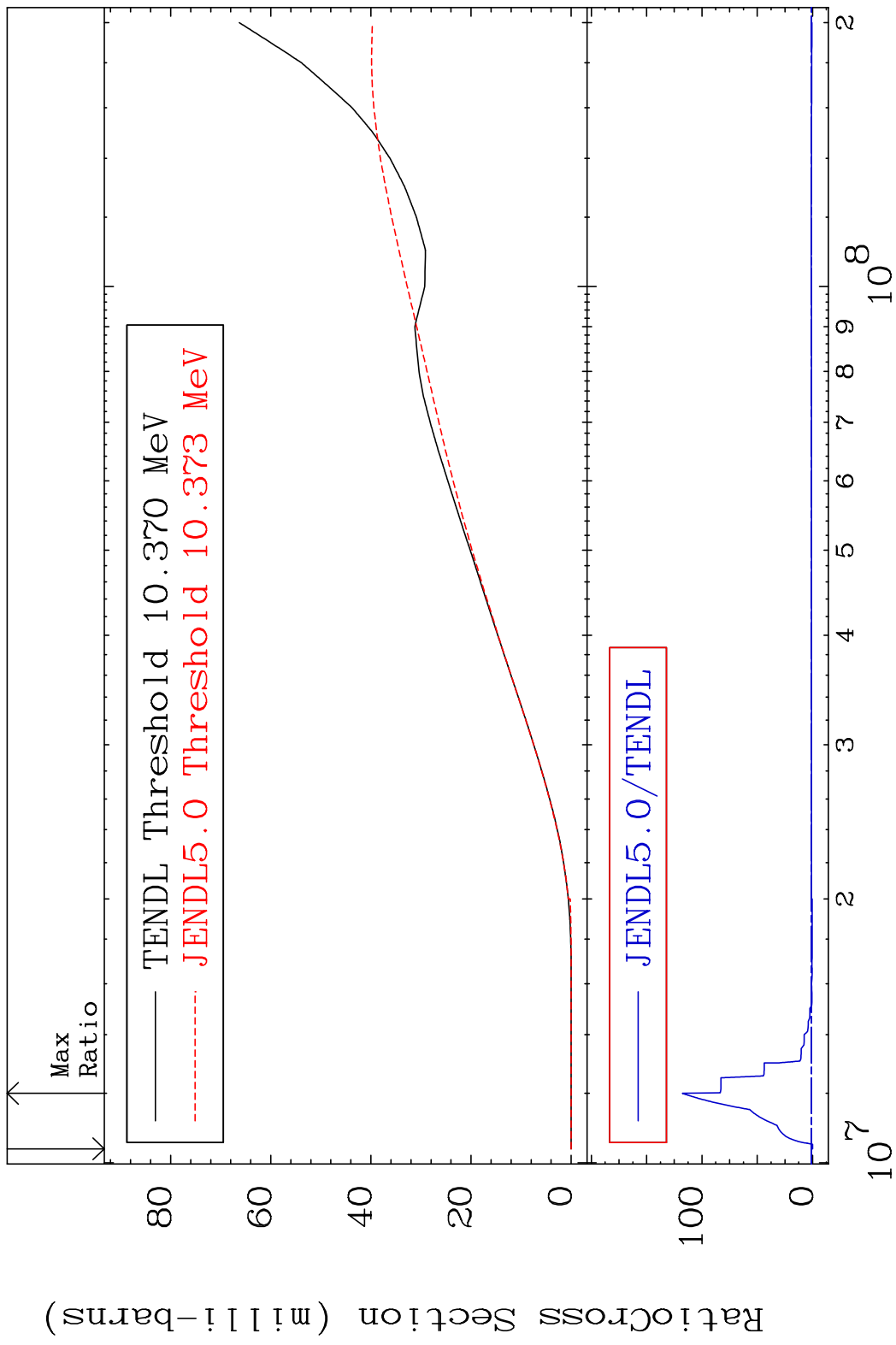
30 Incident Energy (eV) 50-Sn-118

MAT 5043 Deuterium Production 50-Sn-118
 Cross Section -100.0 To 9999. %



31 Incident Energy (eV) 50-Sn-118

MAT 5043 Tritium Production 50-Sn-118
 Cross Section -100.0 To 9999. %

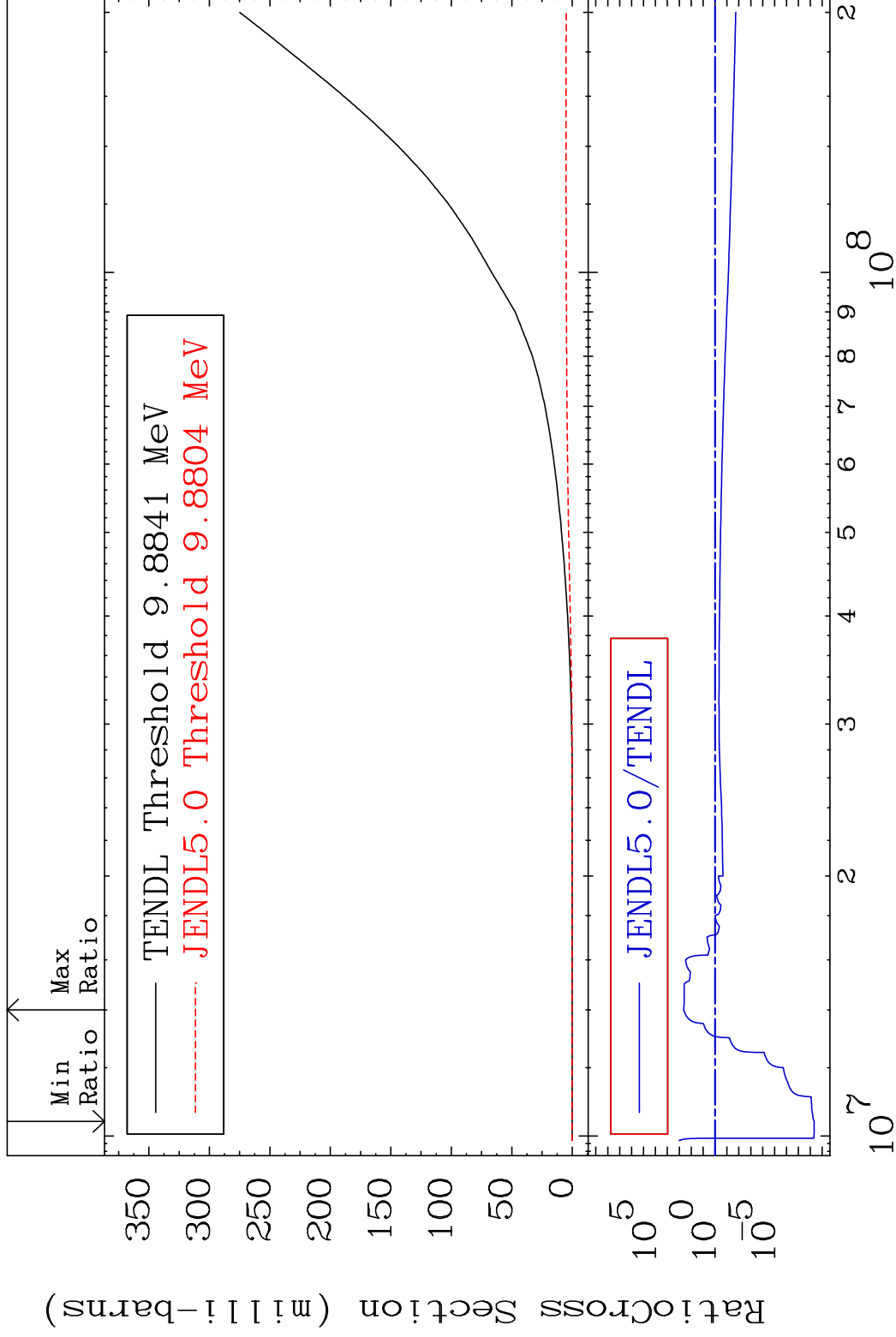


MAT 5043

He-3 Production

50-Sn-118

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

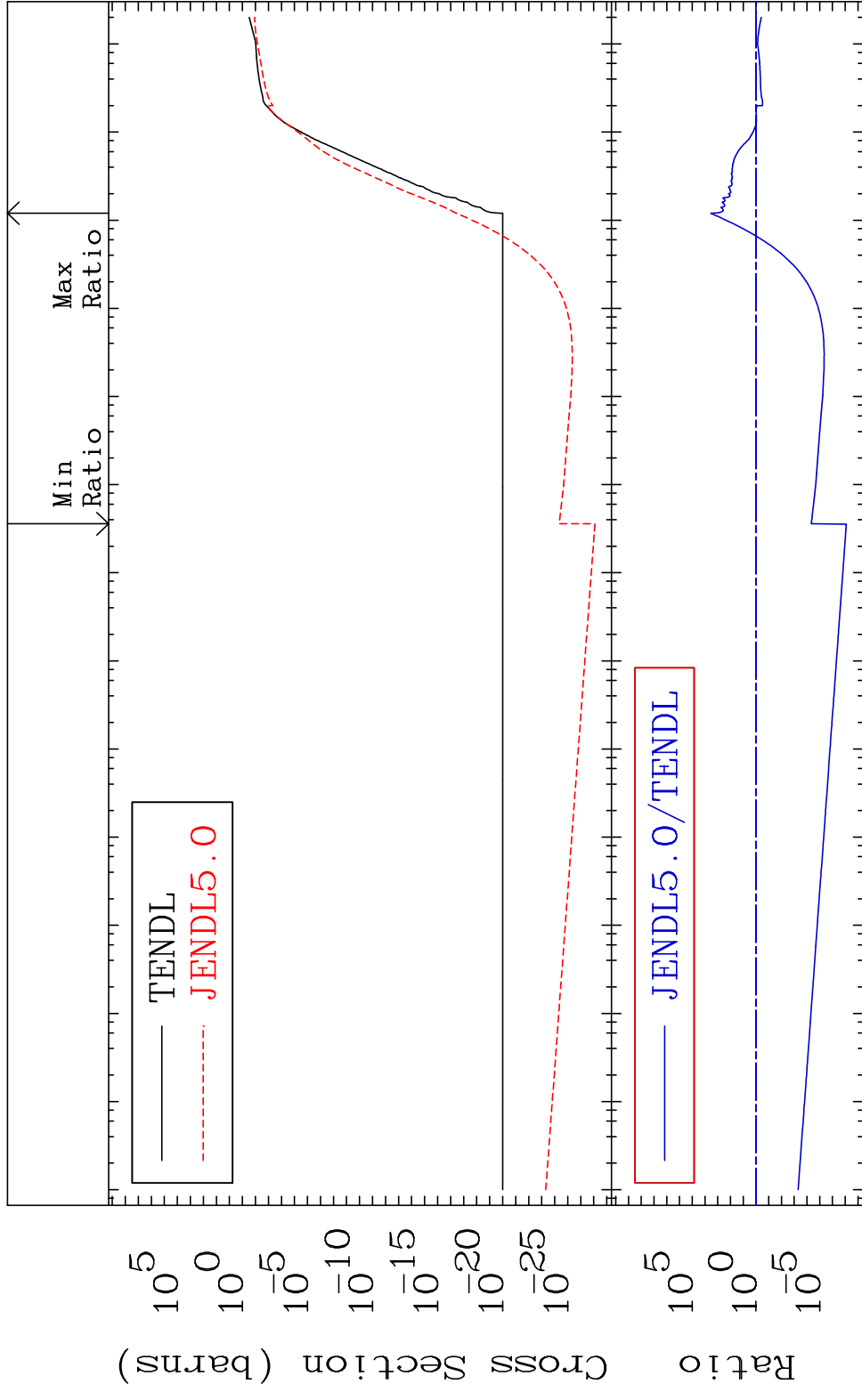
50-Sn-118

MAT 5043

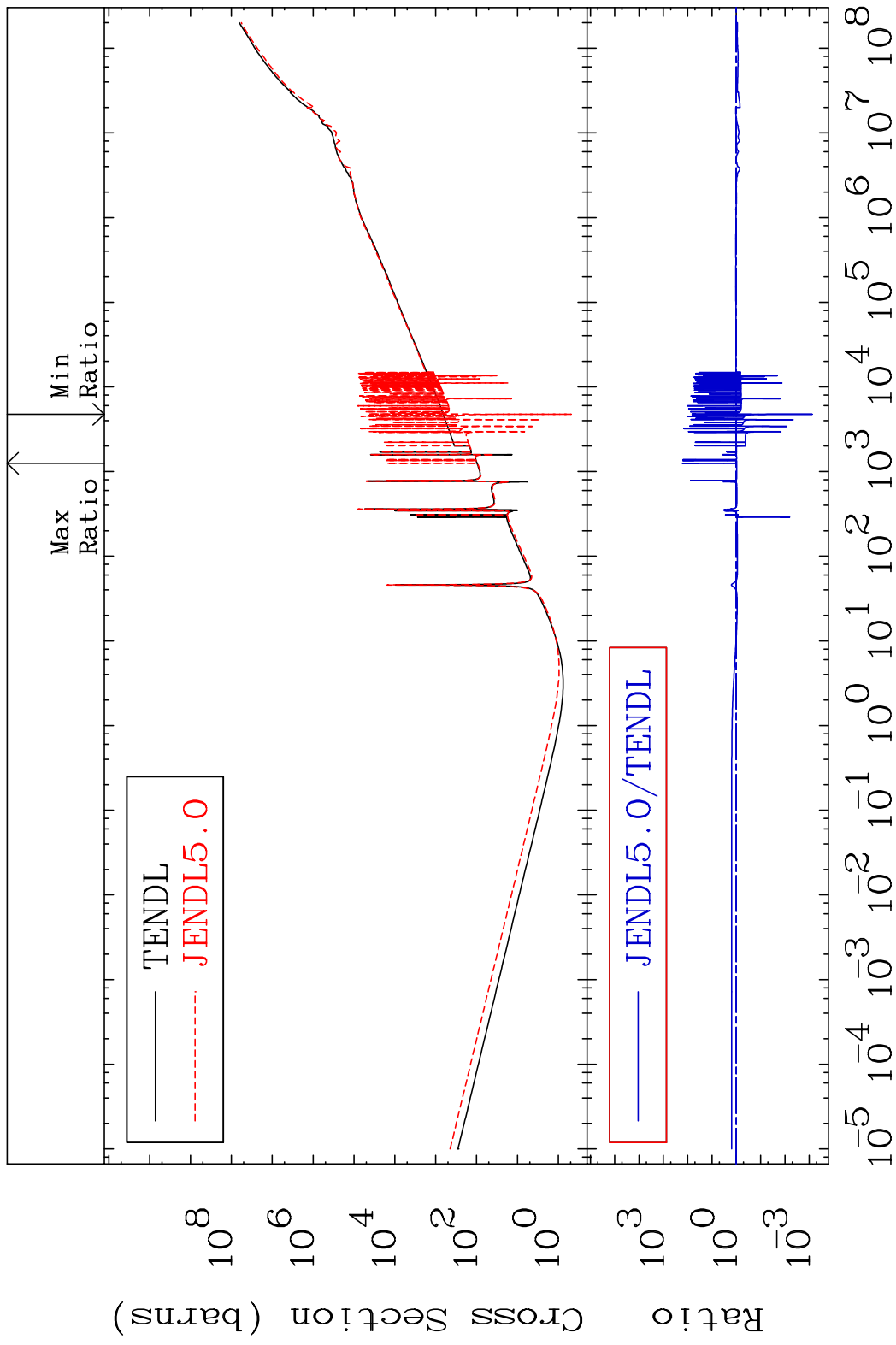
He-4 Production

50-Sn-118

Cross Section -100.0 To 9999. %



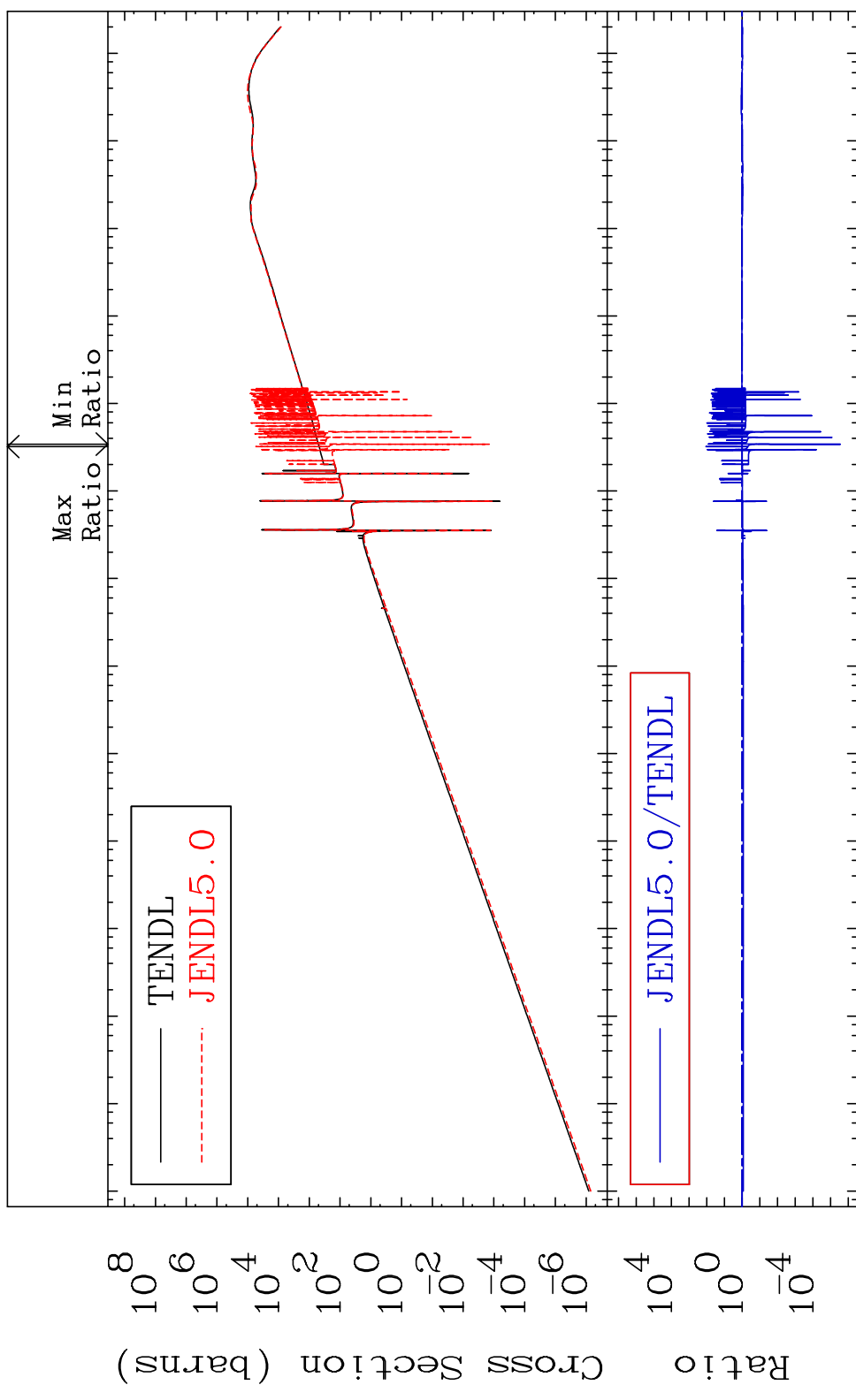
MAT 5043 Kerma total (eV-barns) 50-Sn-118
 Cross Section -99.93 To 9999. %



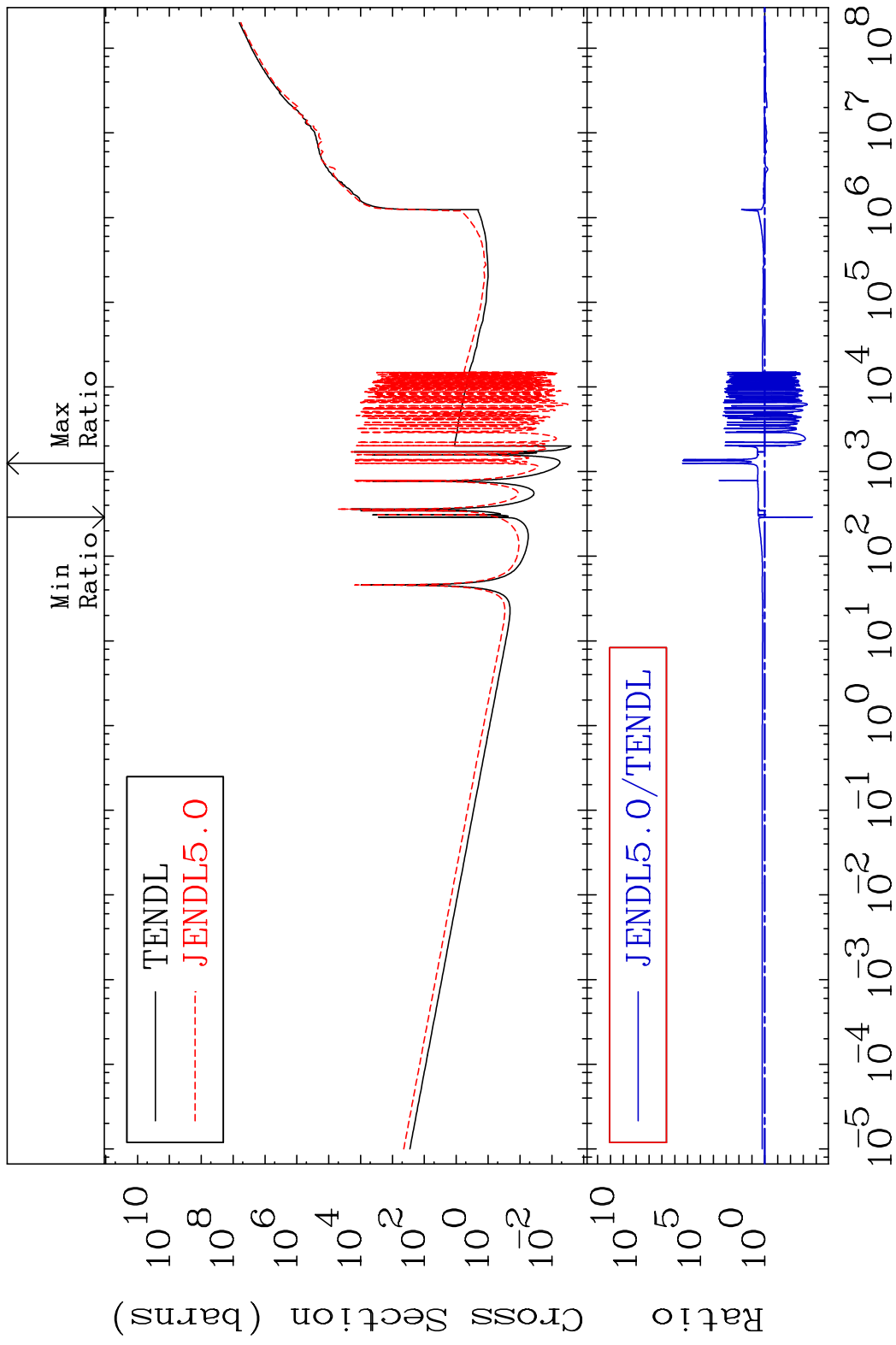
35 Incident Energy (eV) 50-Sn-118

MAT 5043

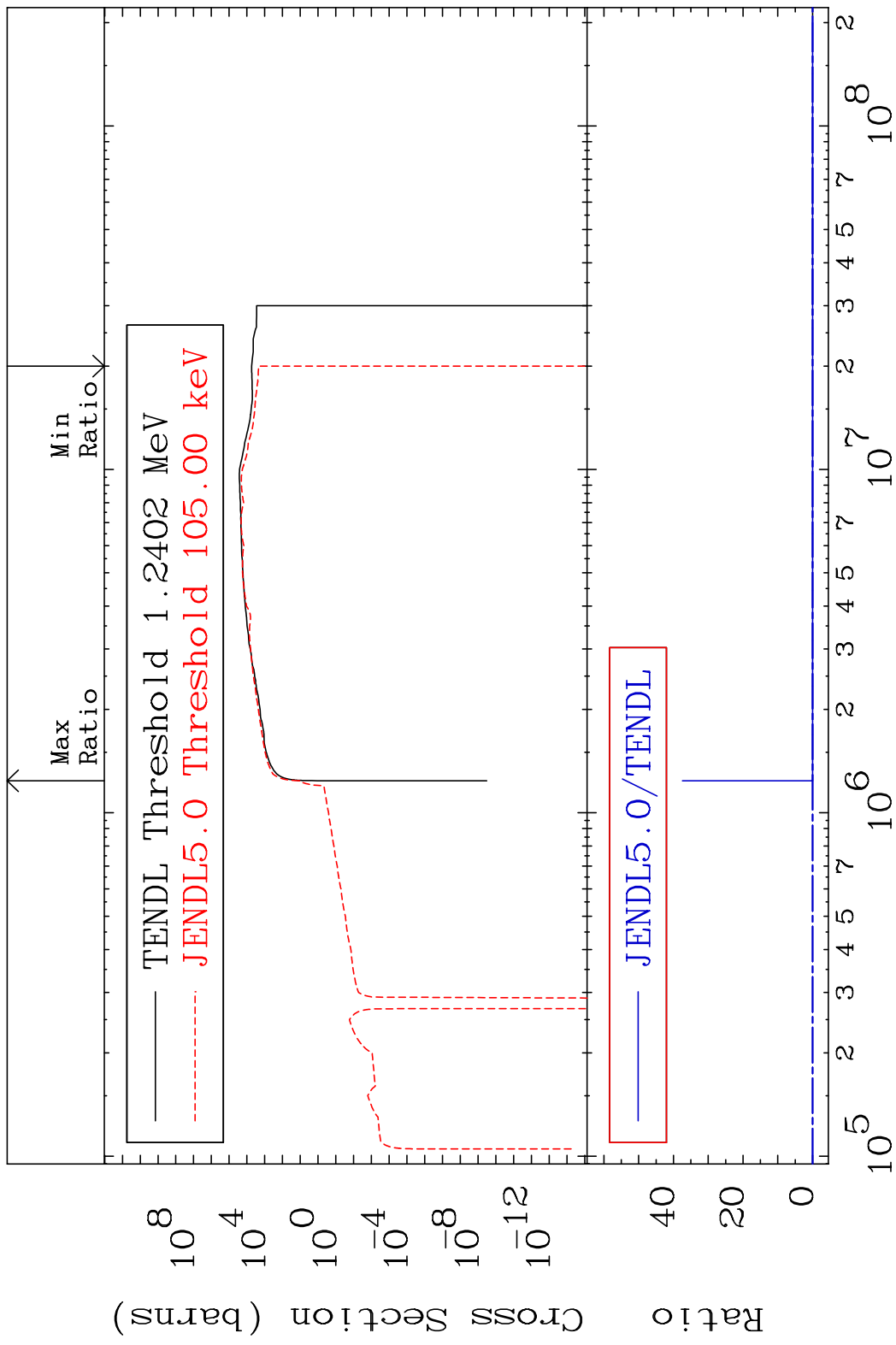
Kerma elastic
Cross Section -100.0 To 9999. %
50-Sn-118



MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118
 Cross Section -99.98 To 9999. %

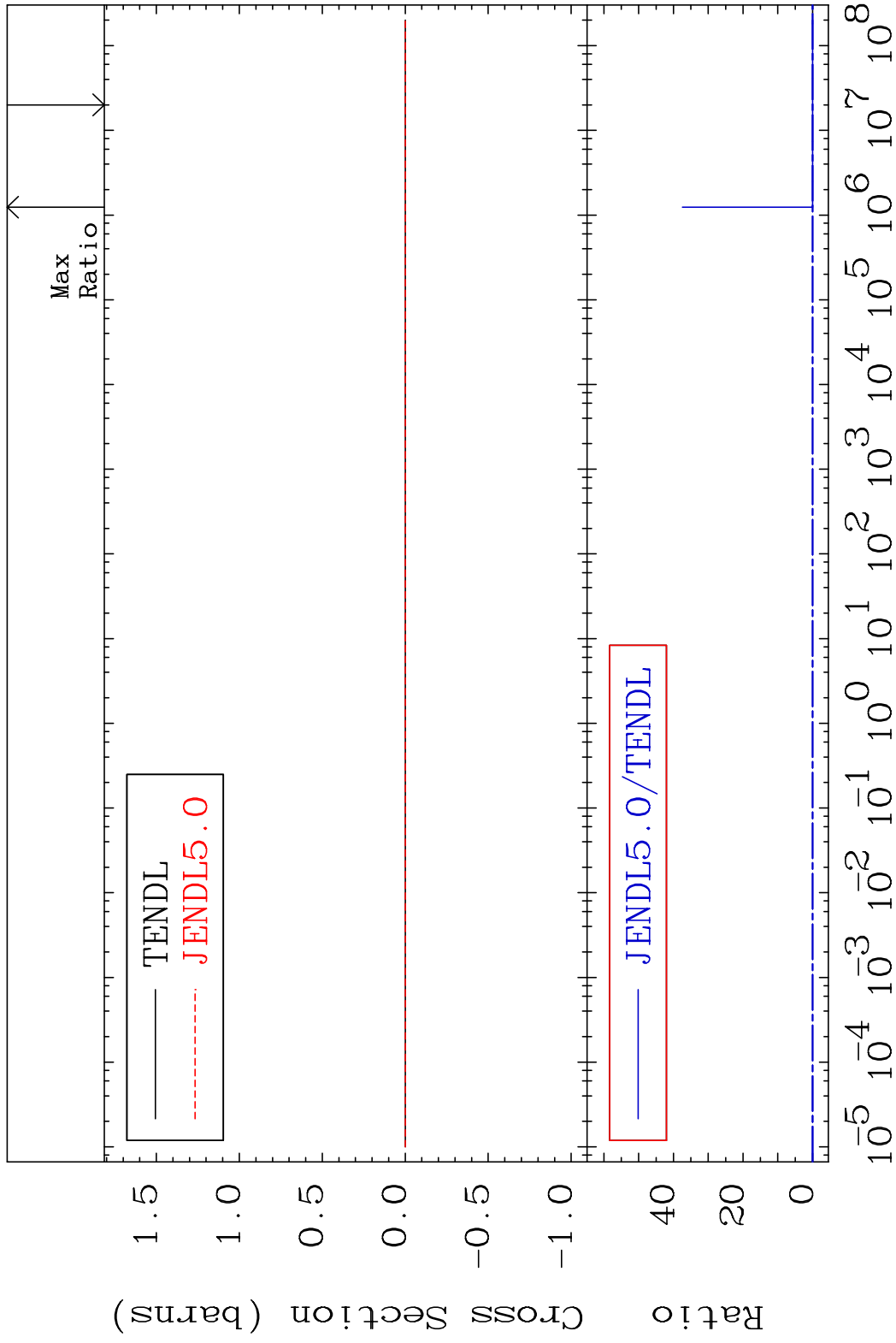


MAT 5043 Kerma inelastic (mt51-91) 50-Sn-118
 Cross Section -100.0 To 9999. %

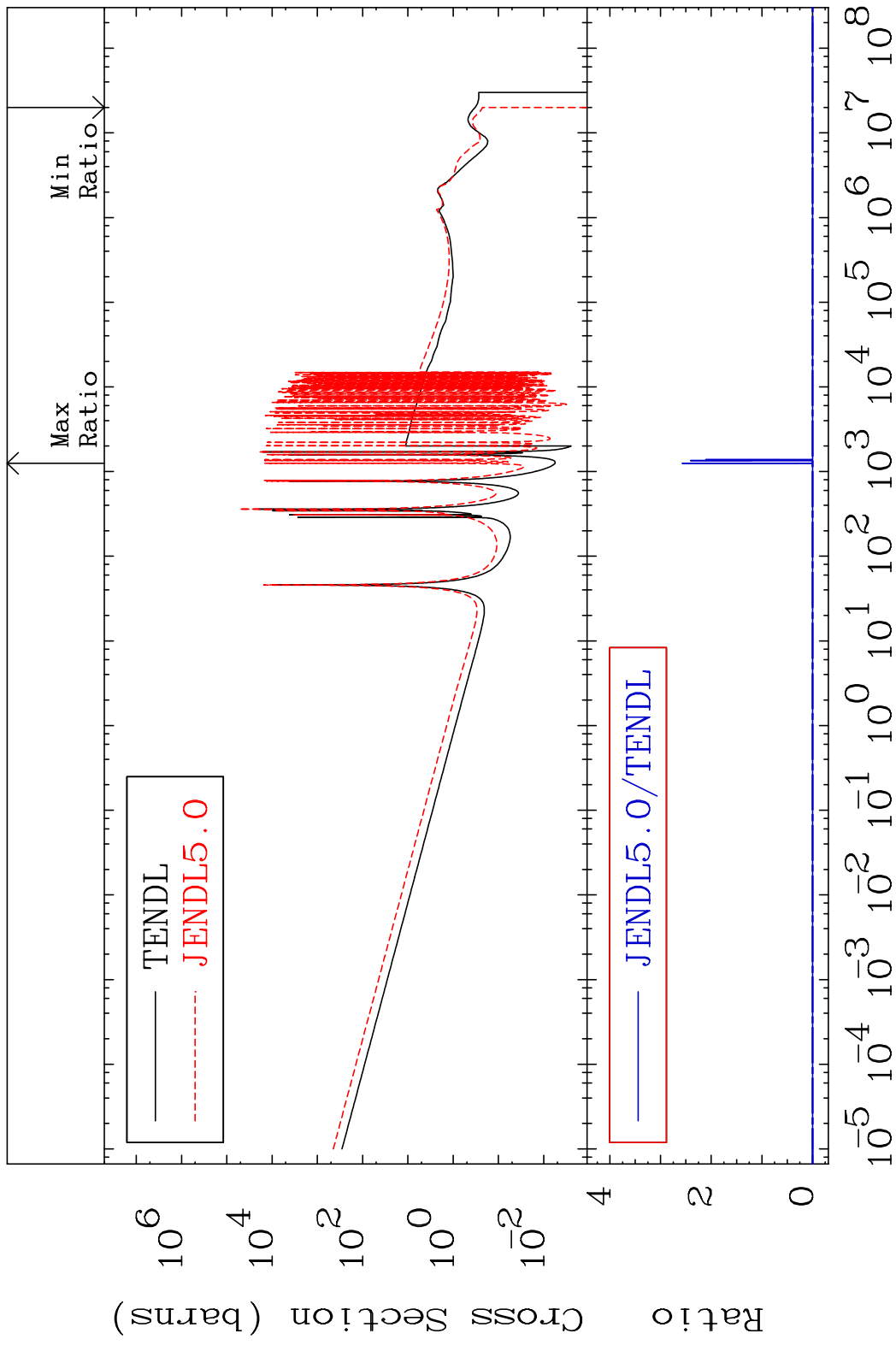


38 Incident Energy (eV) 50-Sn-118

MAT 5043 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-118
 Cross Section -100.0 To 9999. %

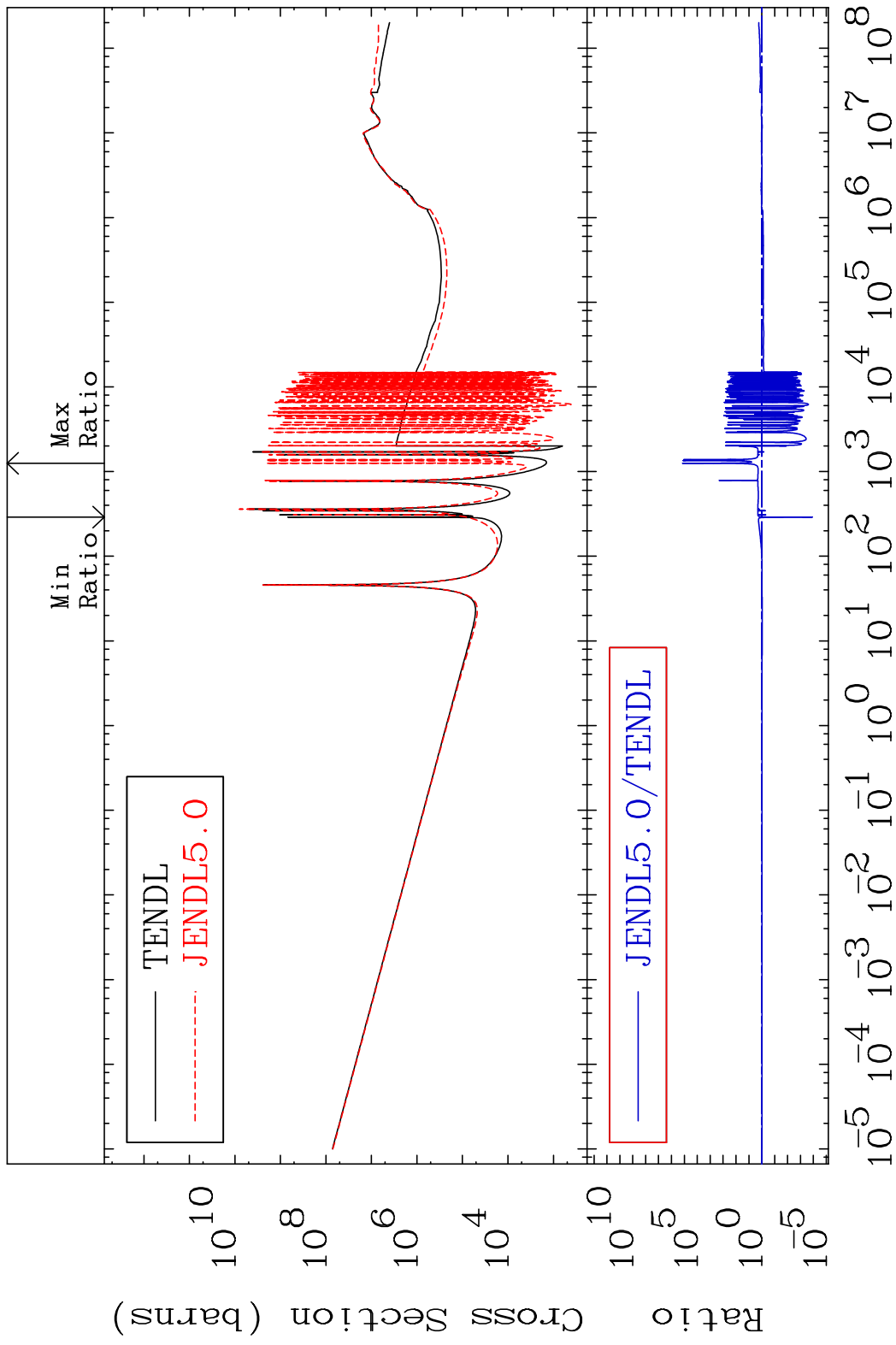


MAT 5043 Kerma capture (mt102) 50-Sn-118
Cross Section -100.0 To 9999. %

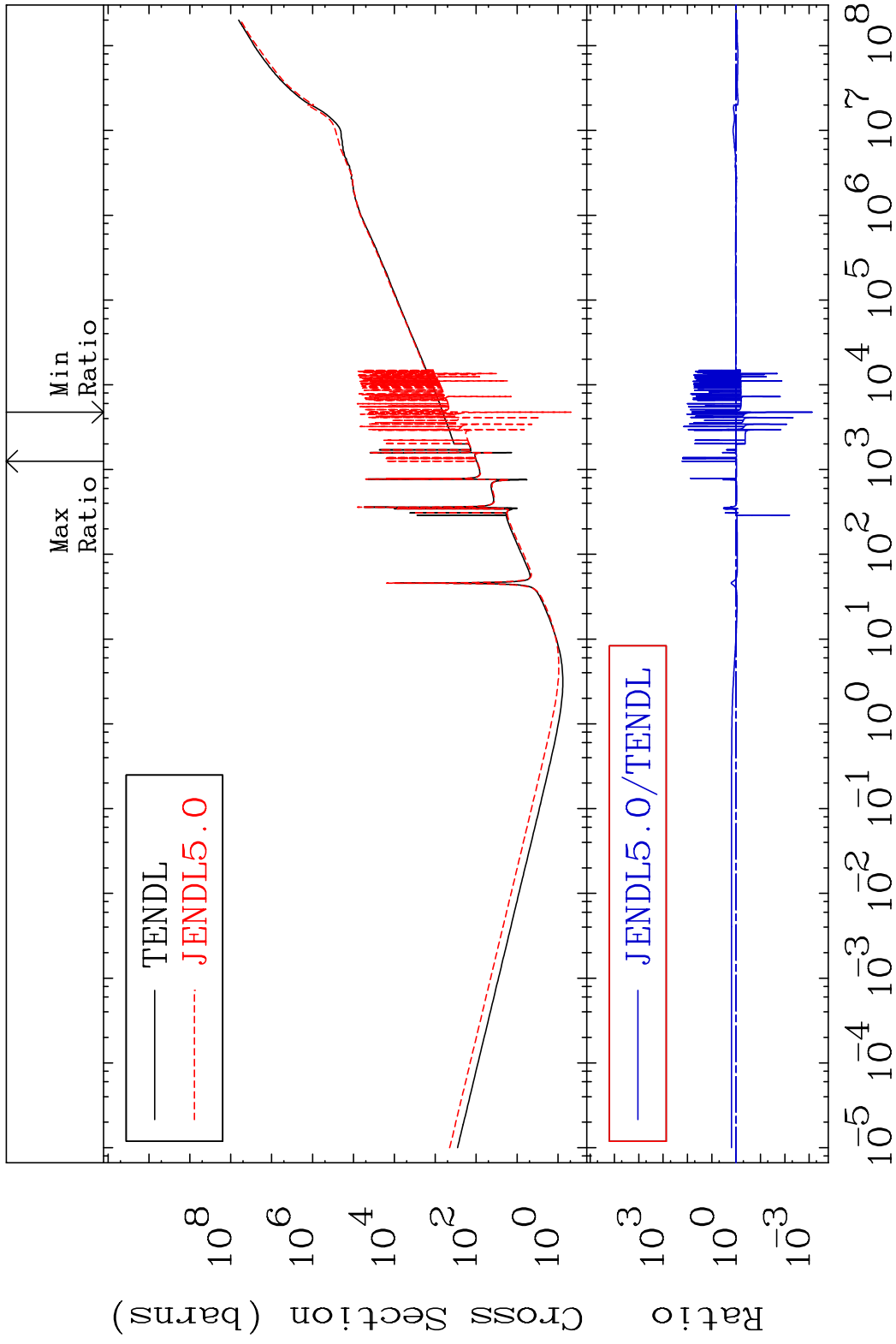


40 Incident Energy (eV) 50-Sn-118

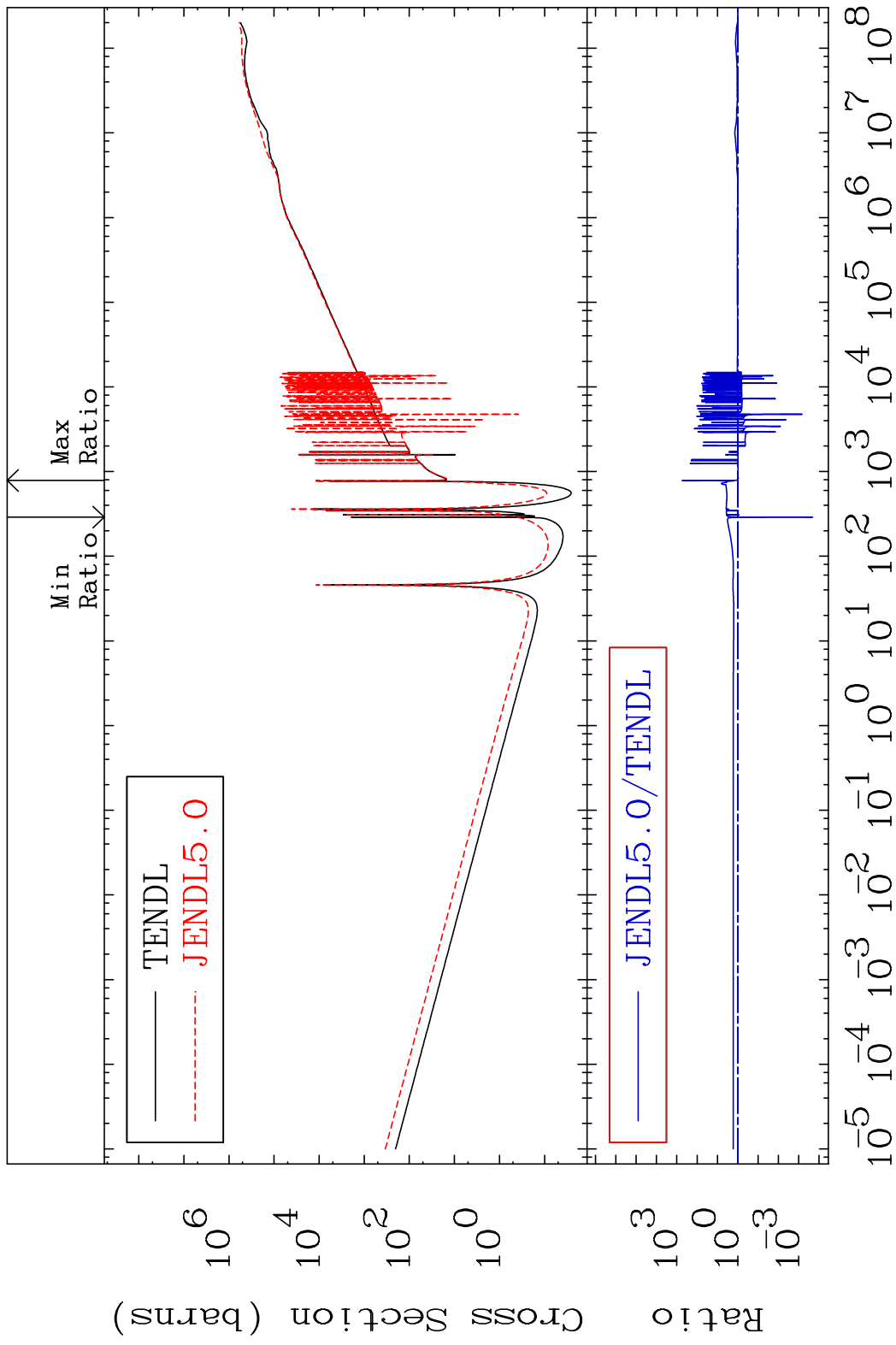
MAT 5043 Total photon (eV-barns) 50-Sn-118
Cross Section -99.99 To 9999. %



MAT 5043 Total kinematic kerma (high limit) 50-Sn-118
 Cross Section -99.93 To 9999. %



MAT 5043 Dpa total (eV-barns) 50-Sn-118
 Cross Section -99.98 To 9999. %

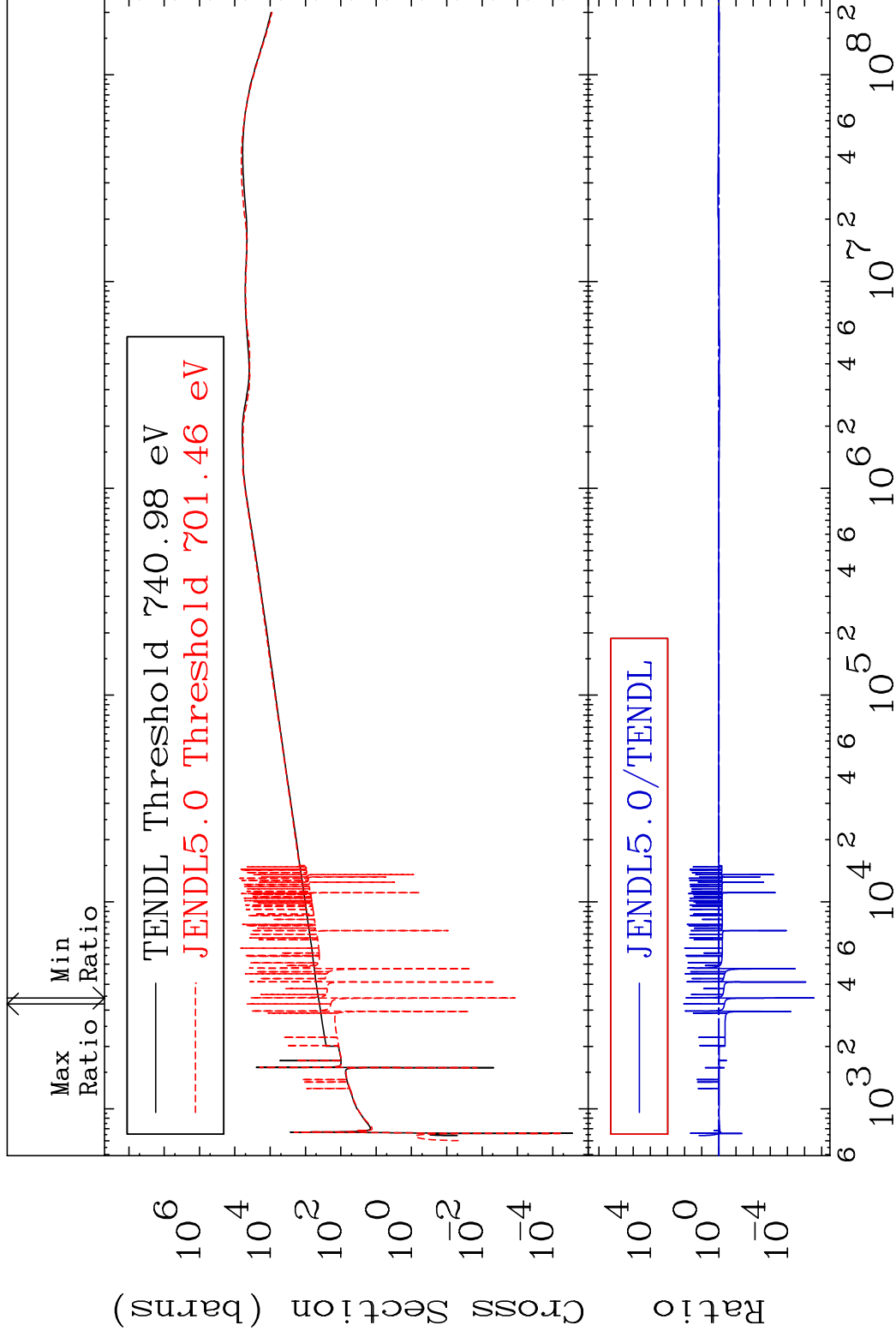


MAT 5043

Dpa elastic (mt2)

50-Sn-118

Cross Section -100.0 To 9999. %

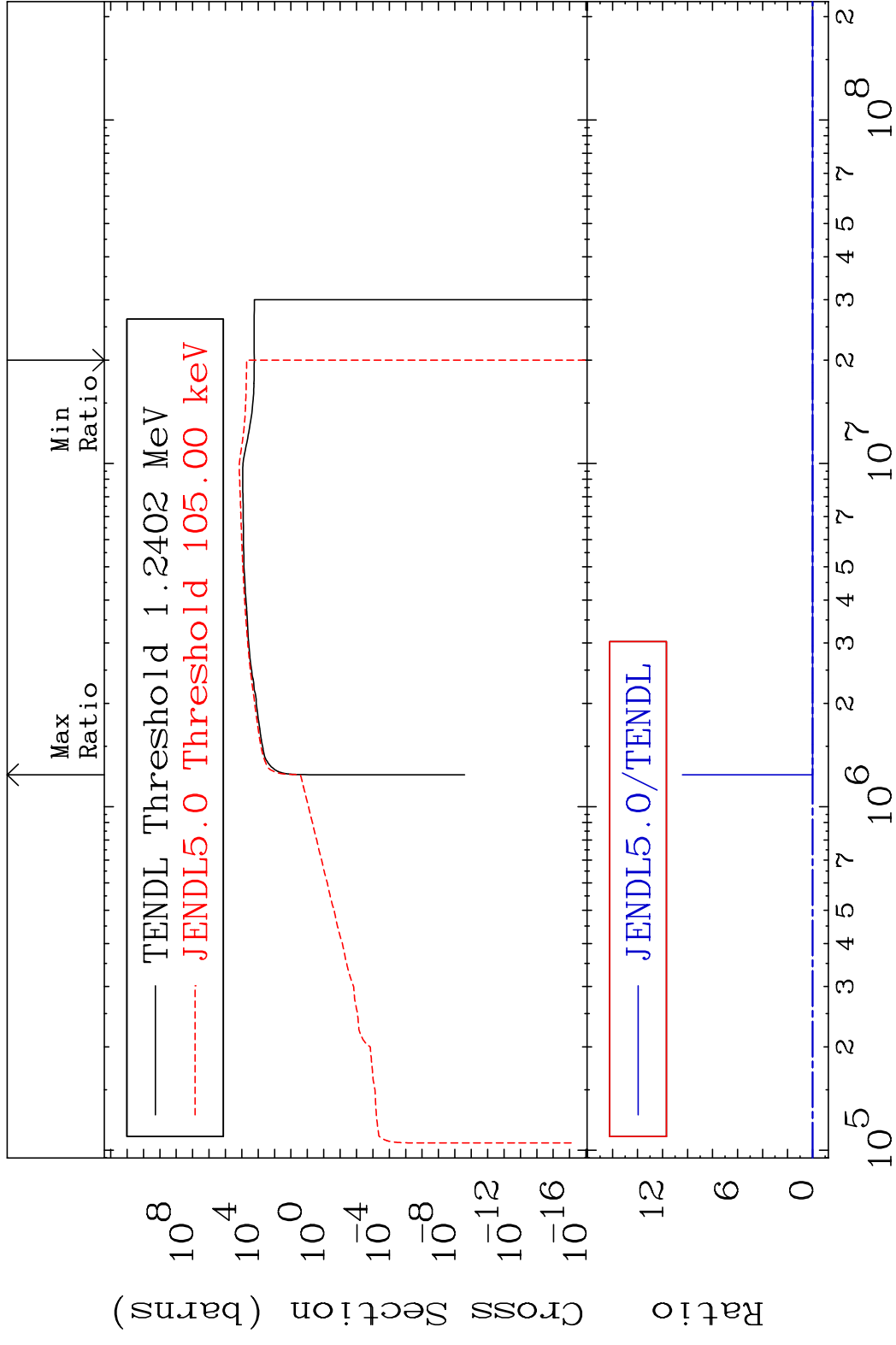


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Incident Energy (eV)

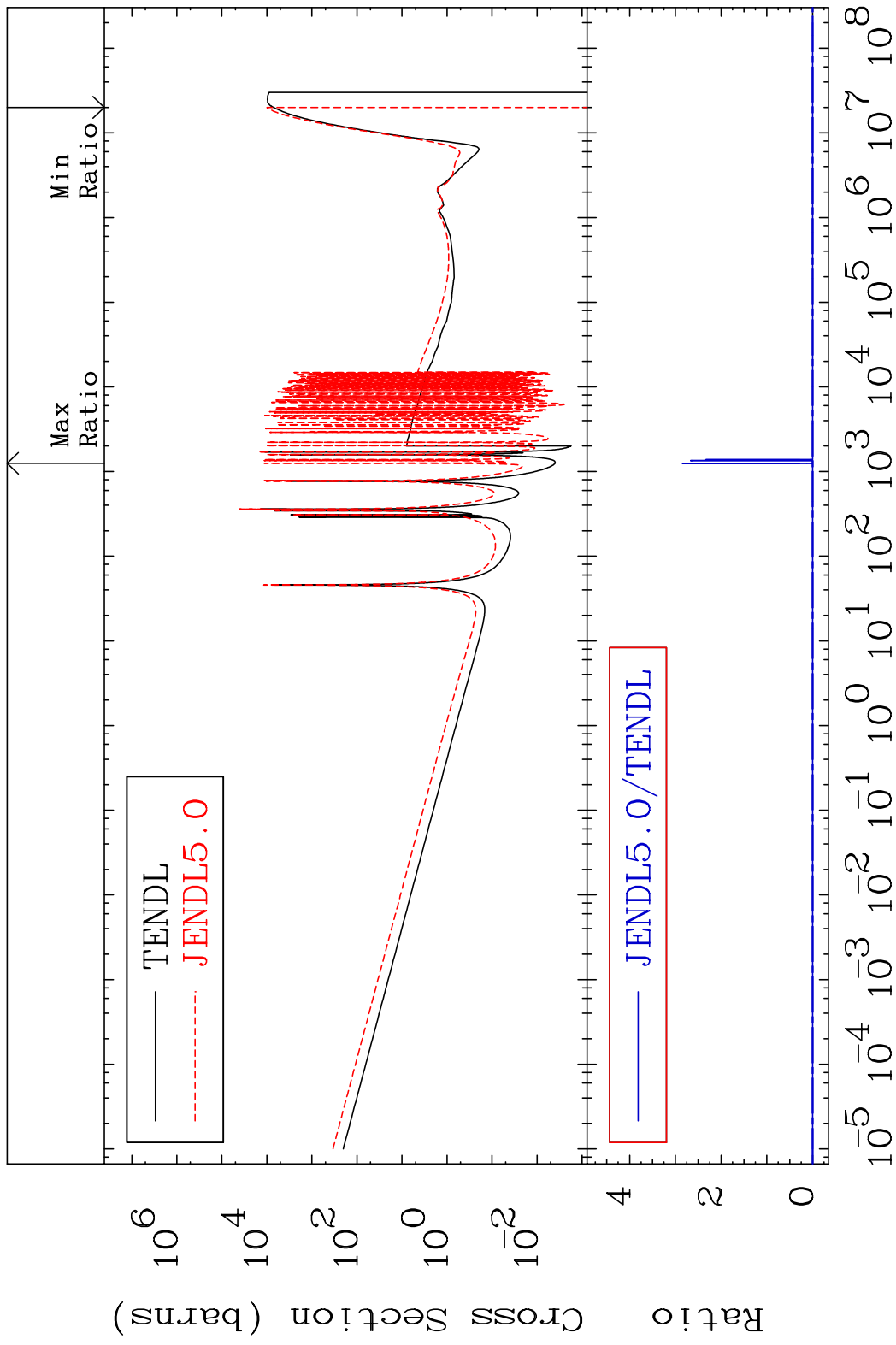
50-Sn-118

MAT 5043 Dpa inelastic (mt51-91) 50-Sn-118
 Cross Section -100.0 To 9999. %

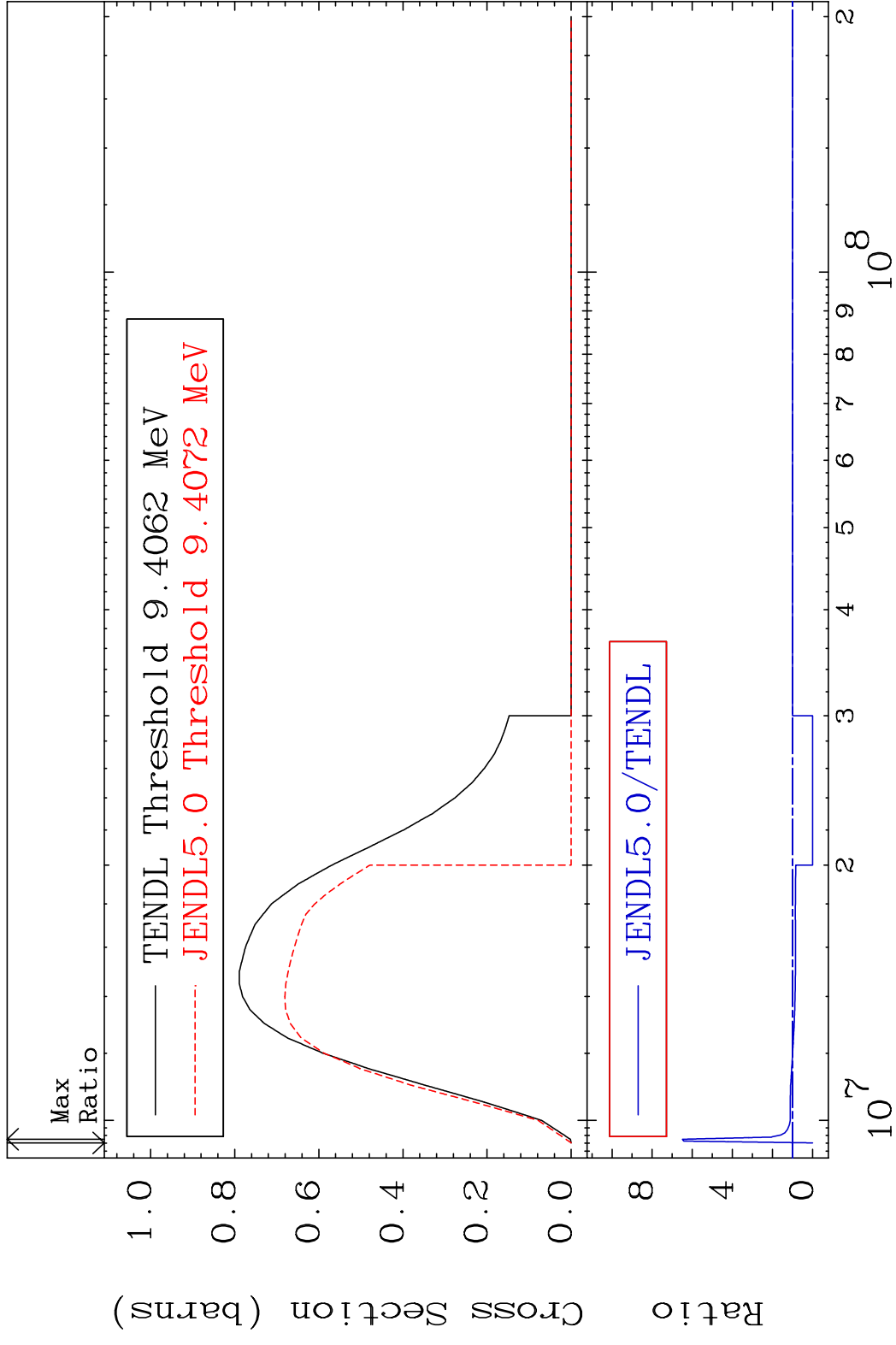


45 Incident Energy (eV) 50-Sn-118

MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118
 Cross Section -100.0 To 9999. %

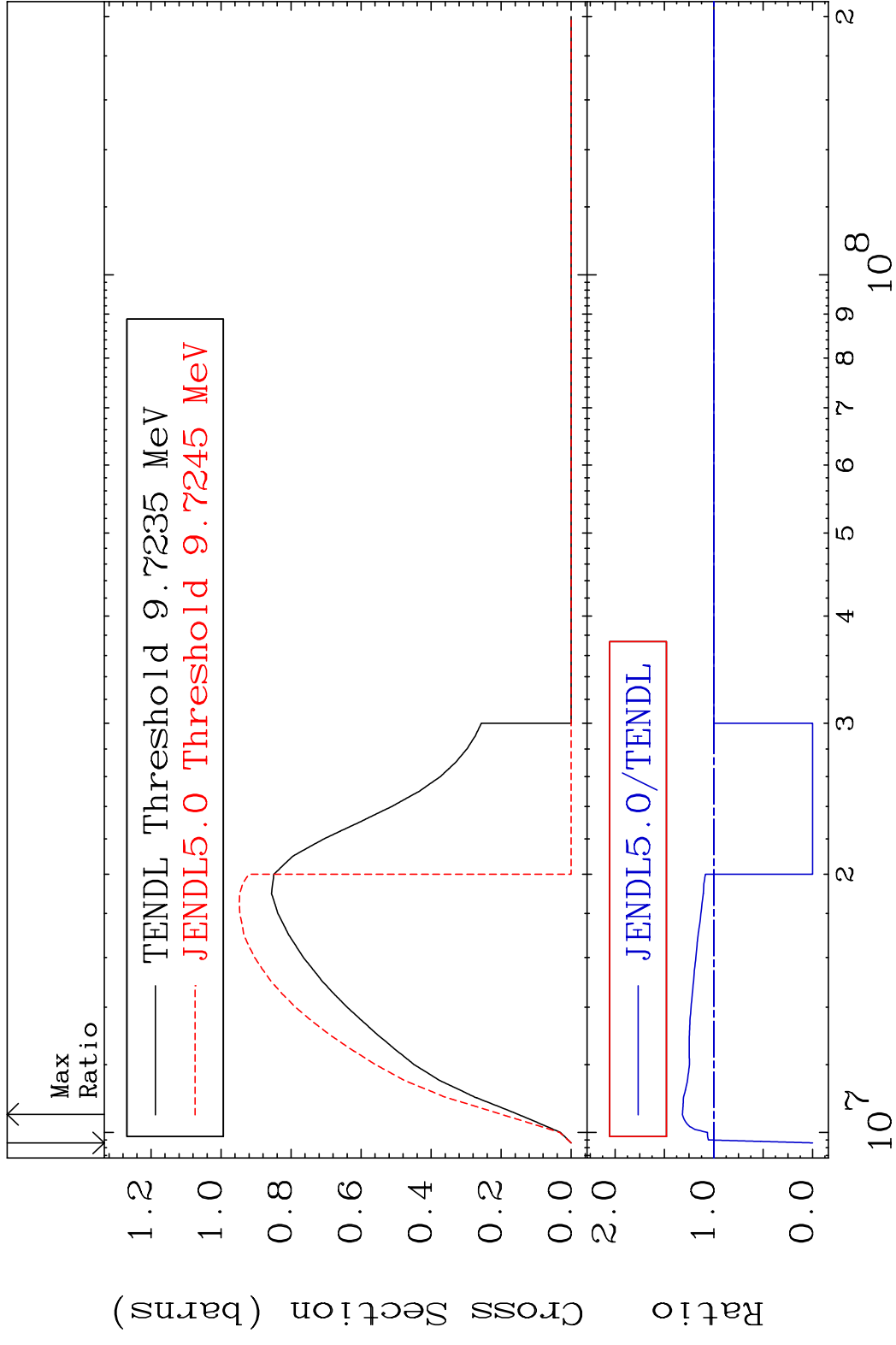


MAT 5043 (n,2n):50-Sn-117g 50-Sn-118
 Radionuclide Production Cross Section Ratio 549.4 %



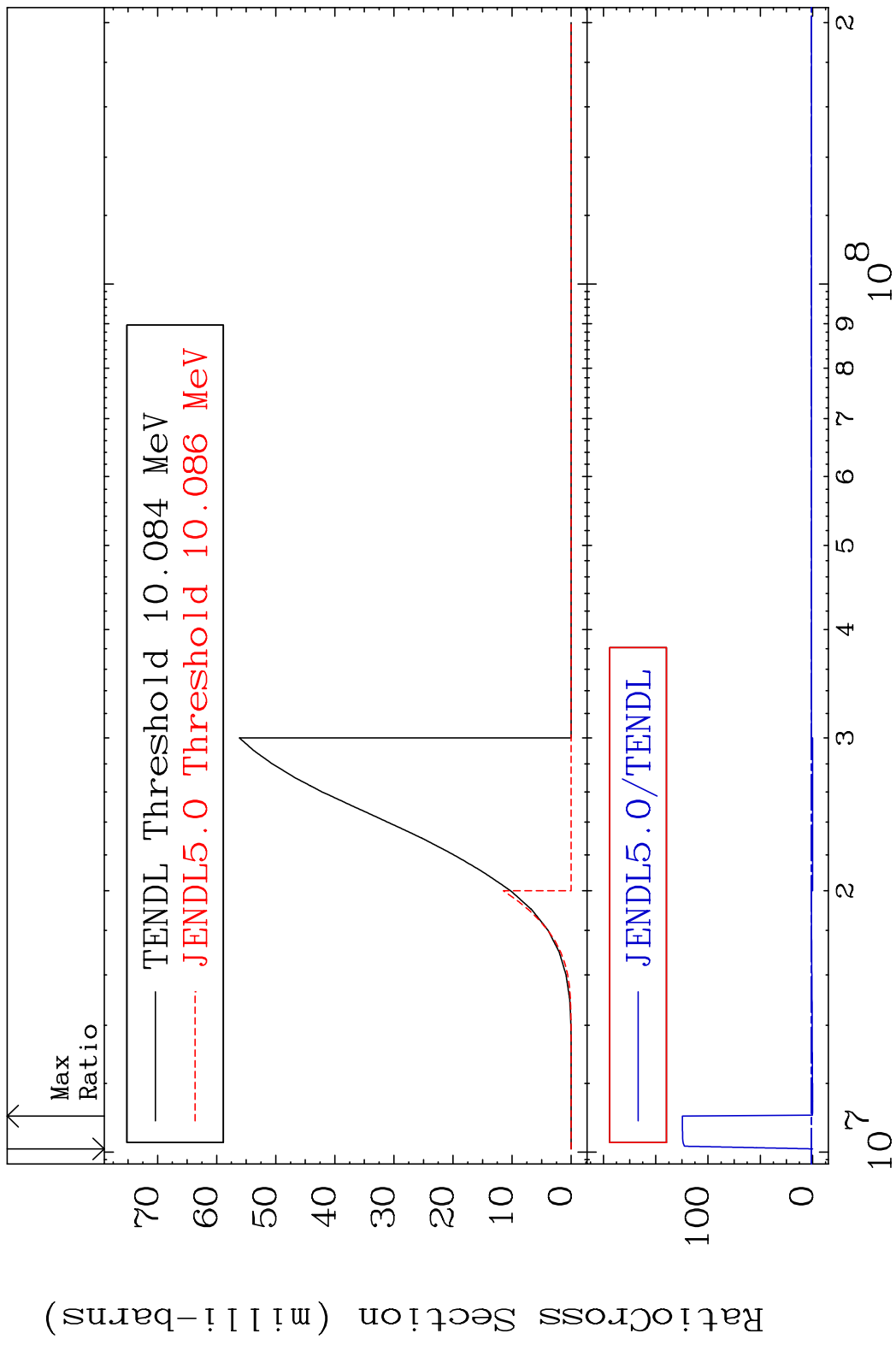
47 Incident Energy (eV) 50-Sn-118

MAT 5043 (n,2n):50-Sn-117m2 50-Sn-118
 Radionuclide Production Cross Section Ratio 31.83 %

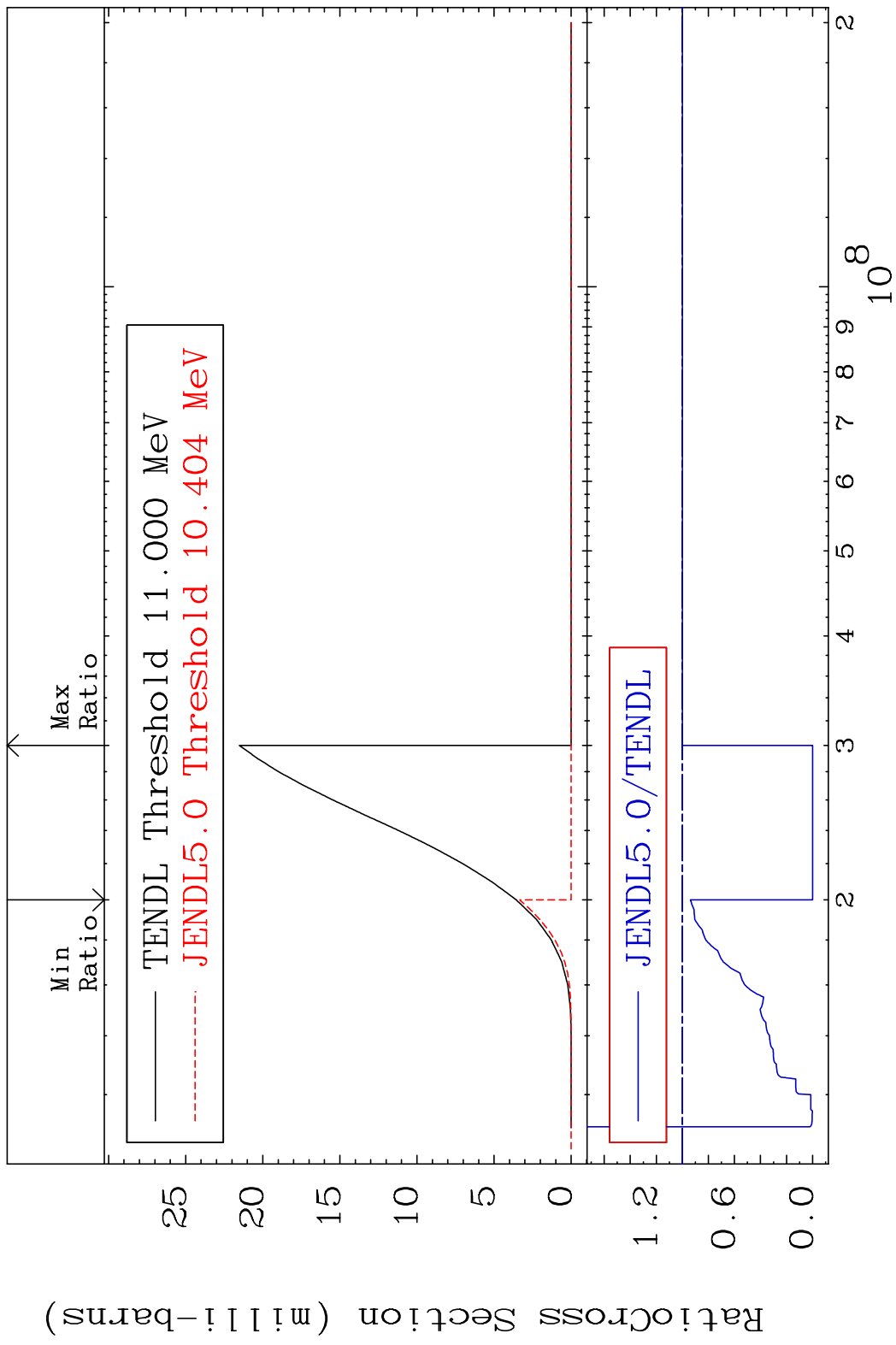


48 Incident Energy (eV) 50-Sn-118

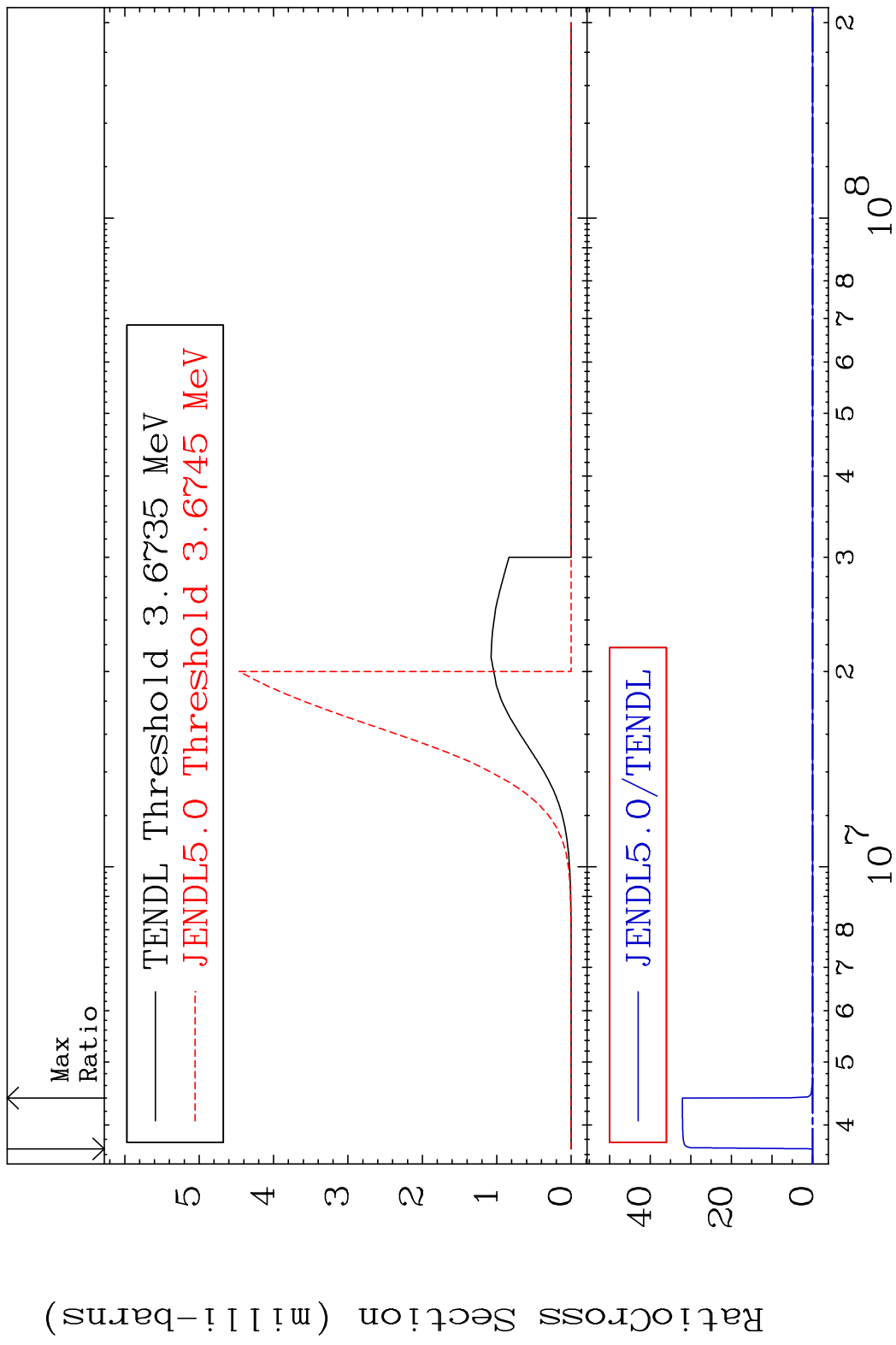
MAT 5043 (n, n') p:49-In-117g 50-Sn-118
 Radionuclide Production Cross Section 100.00 dth 9999. %



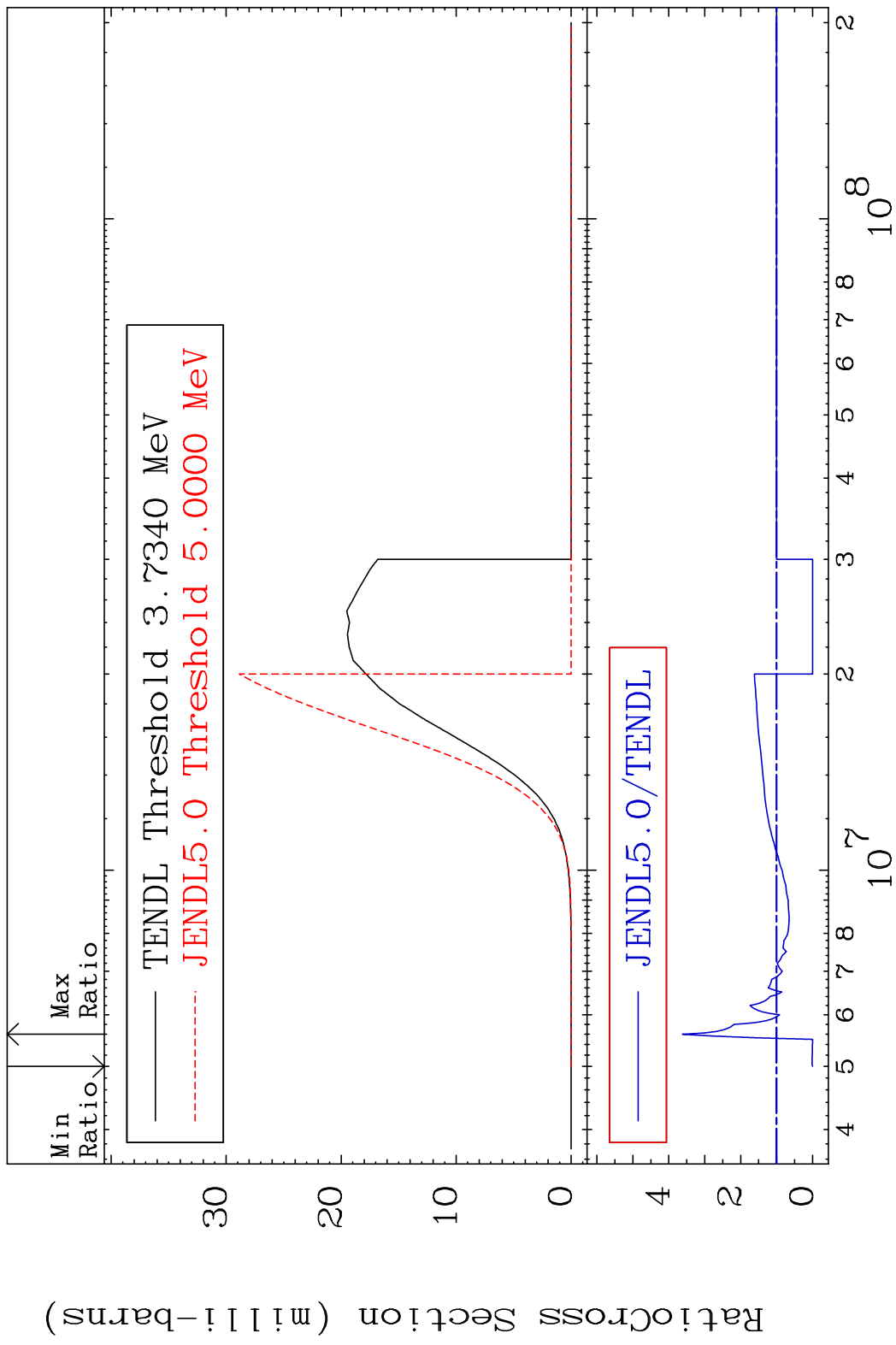
49 Incident Energy (eV) 50-Sn-118

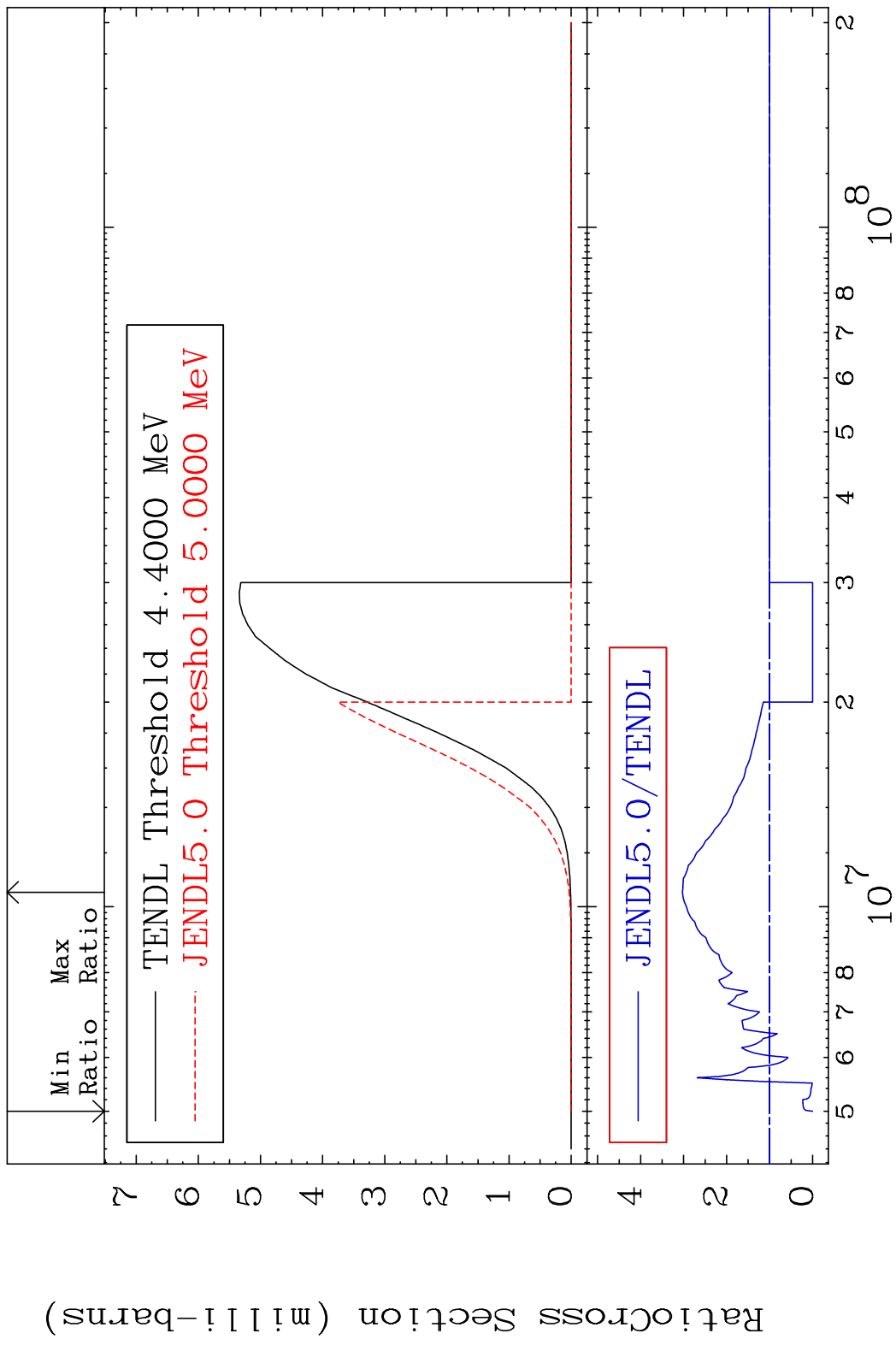


MAT 5043 (n,p):49-In-118 50-Sn-118
 Radionuclide Production Cross Section to 9999. %

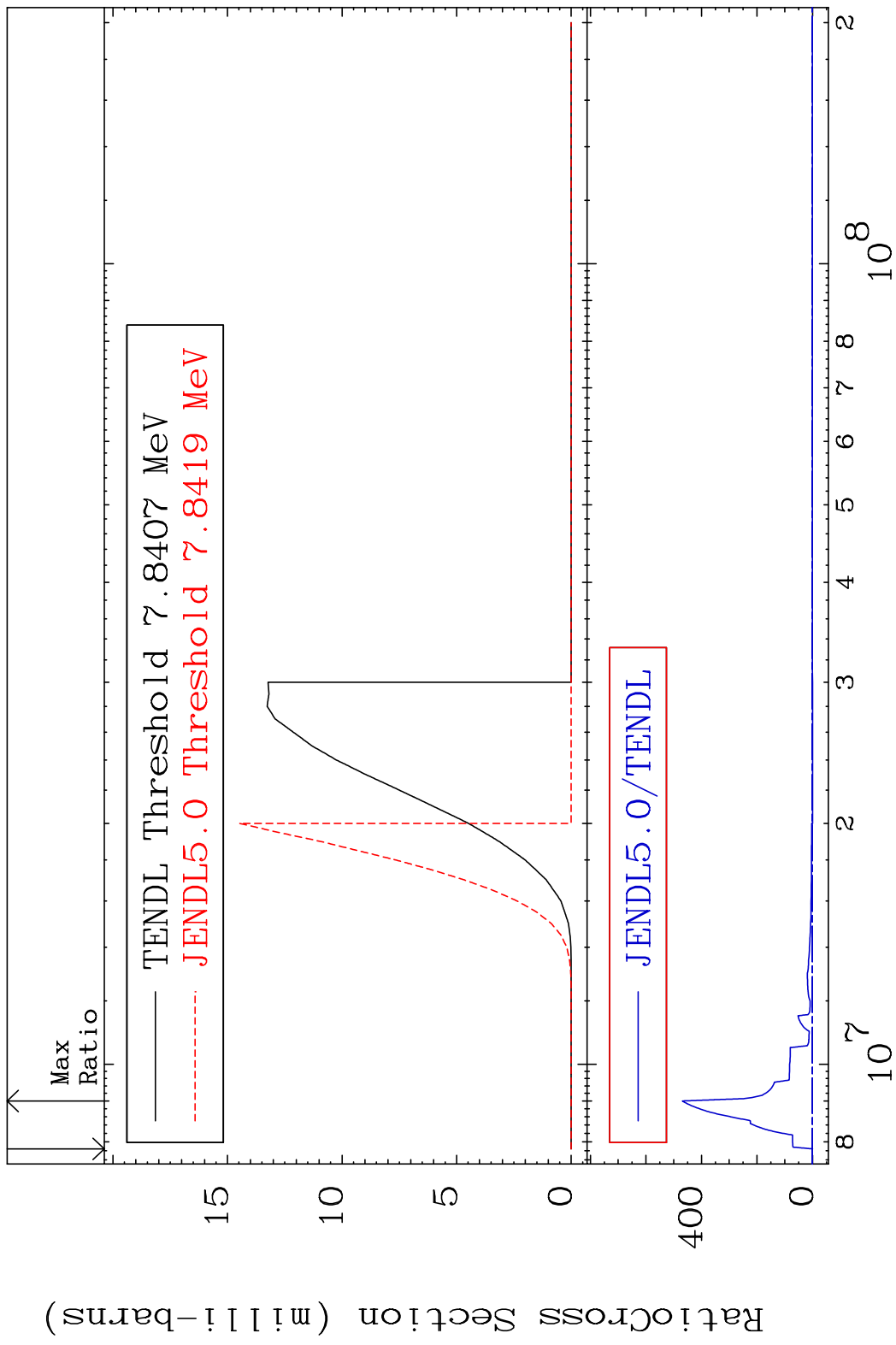


MAT 5043 (n, p): 49-In-118m1 50-Sn-118
 Radionuclide Production Cross Section 180.01 dth 262.3 %



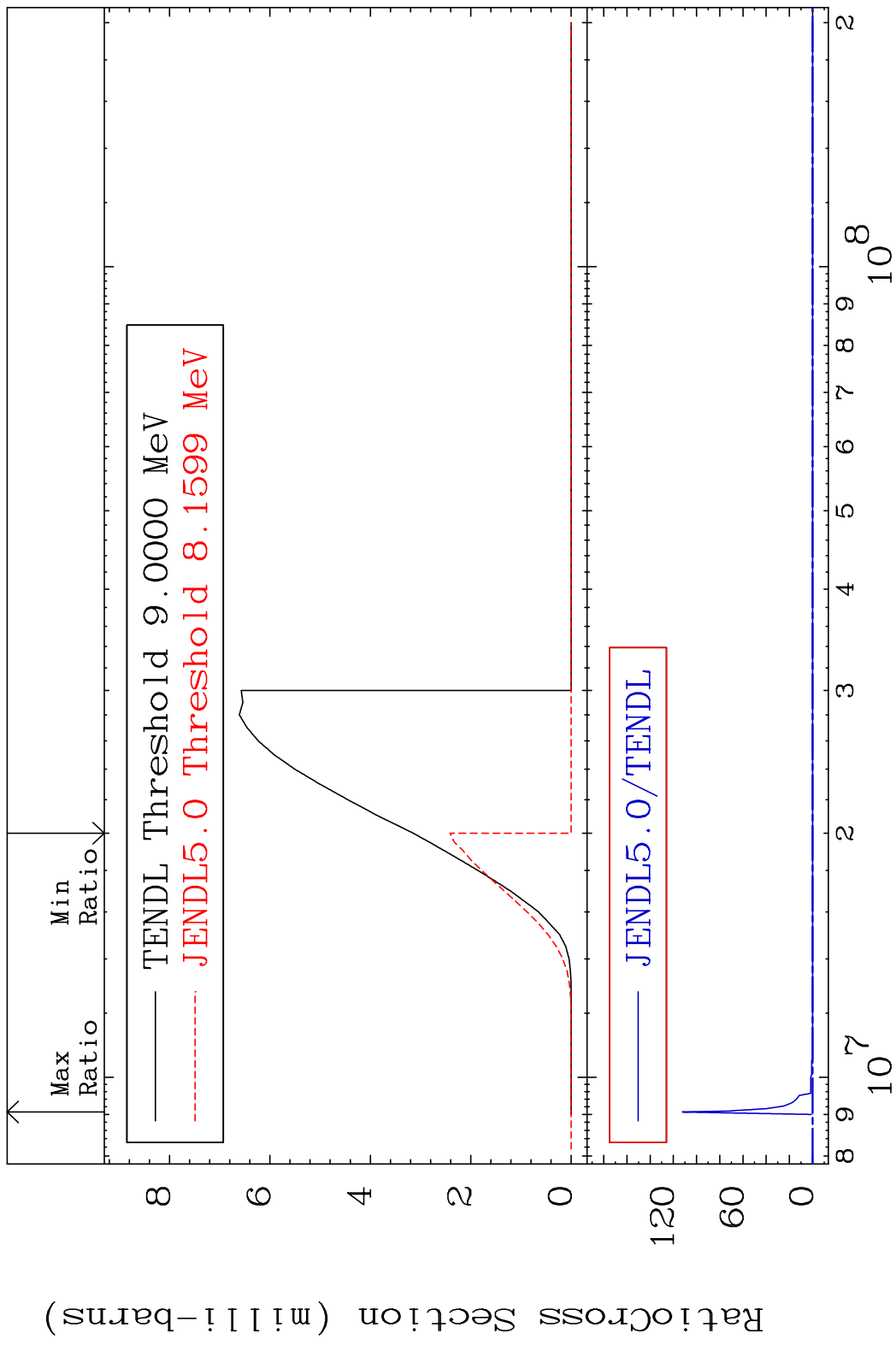


MAT 5043 (n,d):49-In-117g 50-Sn-118
 Radionuclide Production Cross Section 100.00 %



54 Incident Energy (eV) 50-Sn-118

MAT 5043 (n, d): 49-In-117m1 50-Sn-118
 Radionuclide Production Cross Section (%)



55 Incident Energy (eV) 50-Sn-118

