

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

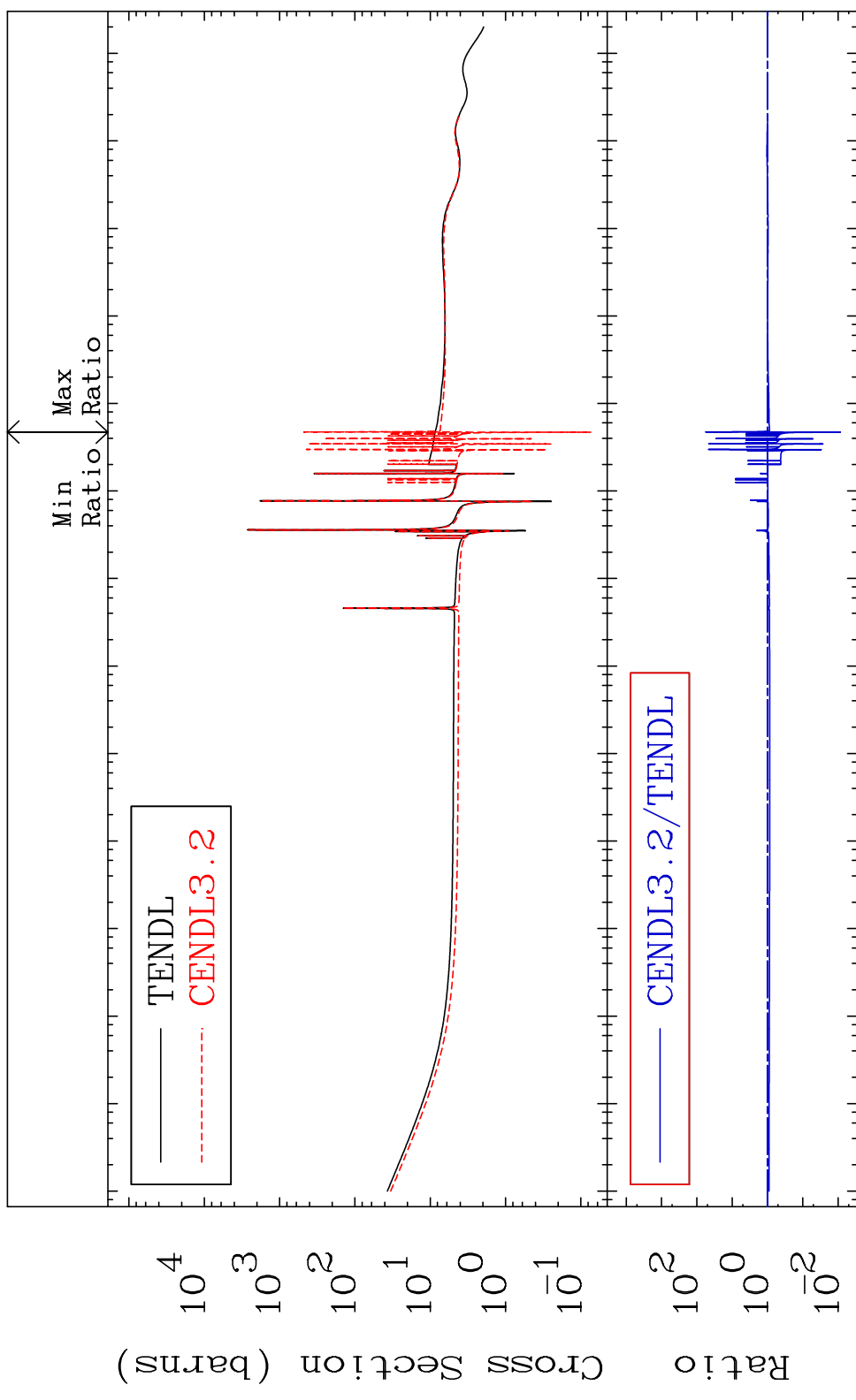
MAT 5043

Total

50-Sn-118

Cross Section

-99.14 To 5491. %



1

Incident Energy (eV)

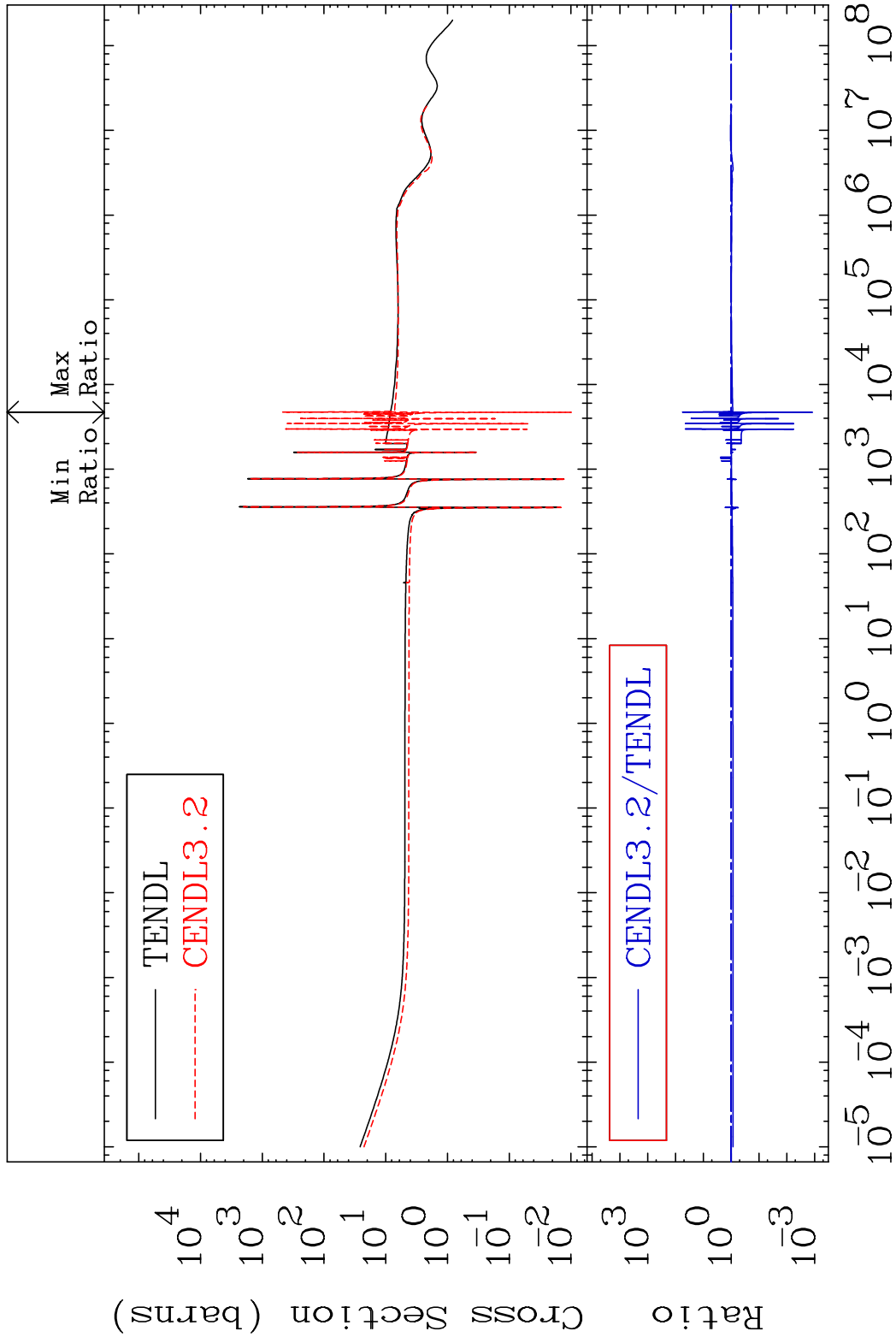
50-Sn-118

MAT 5043

Elastic

50-Sn-118

Cross Section -99.88 To 5571. %

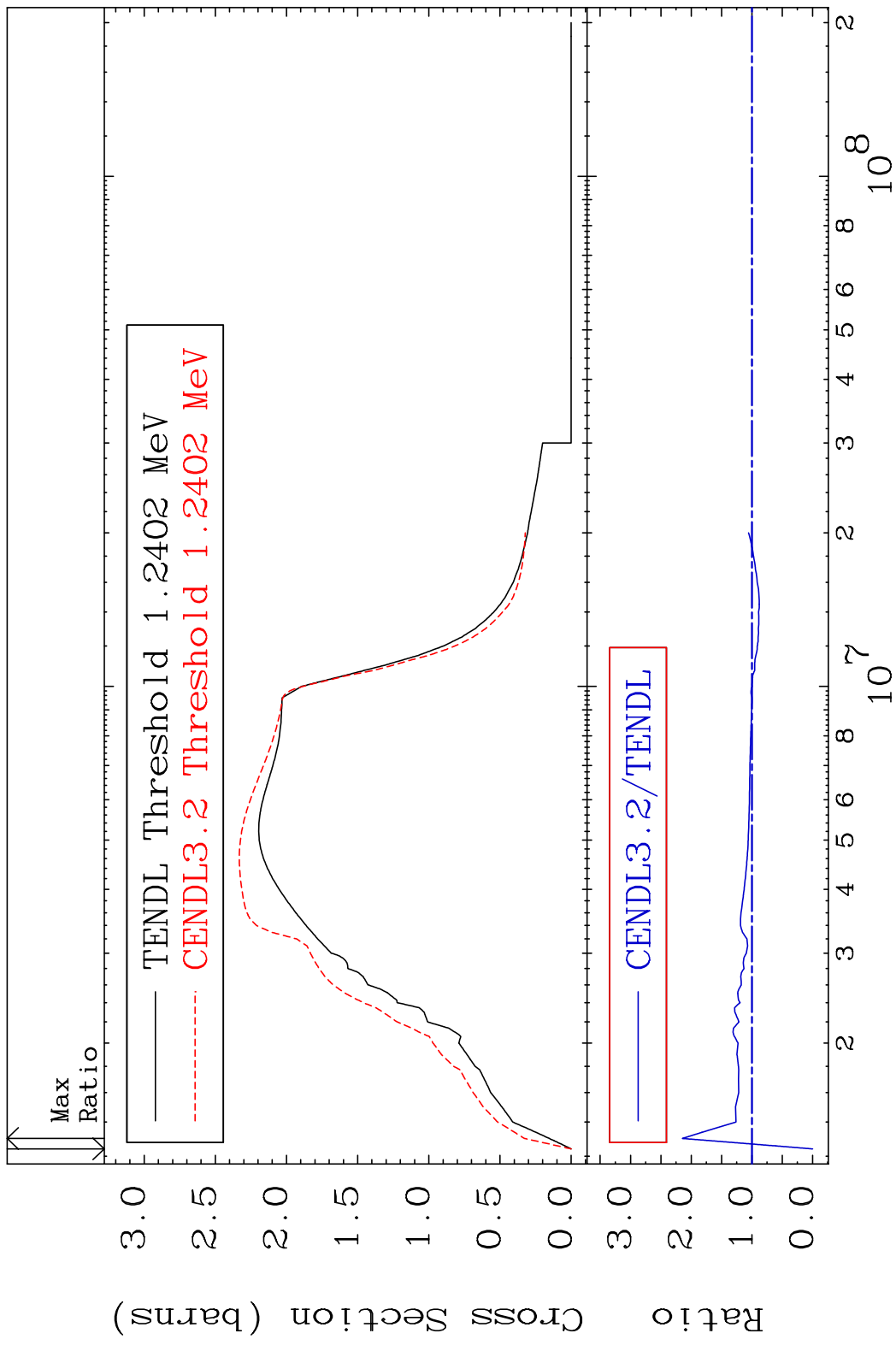


2

Incident Energy (eV)

50-Sn-118

MAT 5043 Inelastic 50-Sn-118
 Cross Section -100.0 To 114.6 %

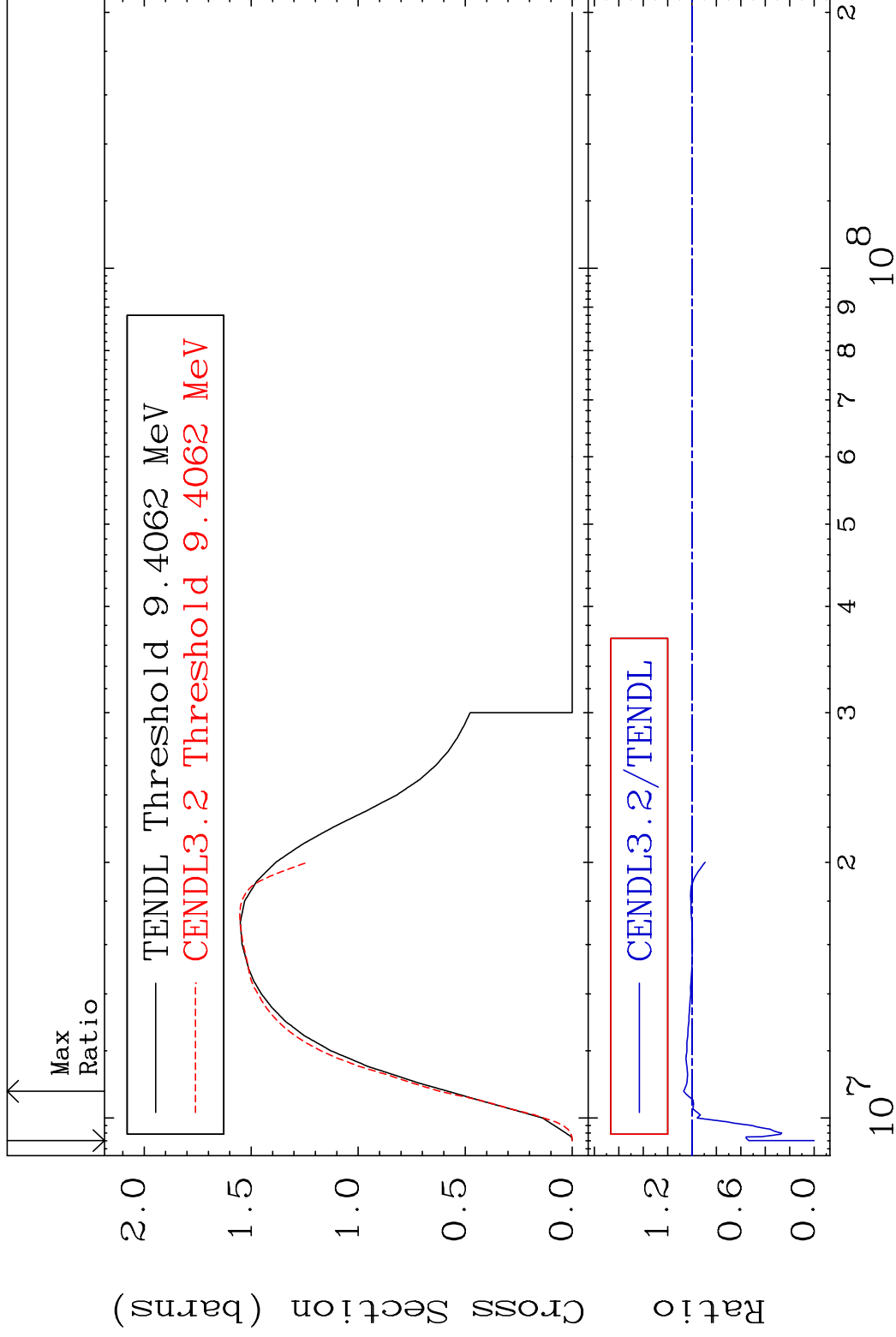


MAT 5043

(n,2n)

50-Sn-118

Cross Section -100.0 To 6.850 %



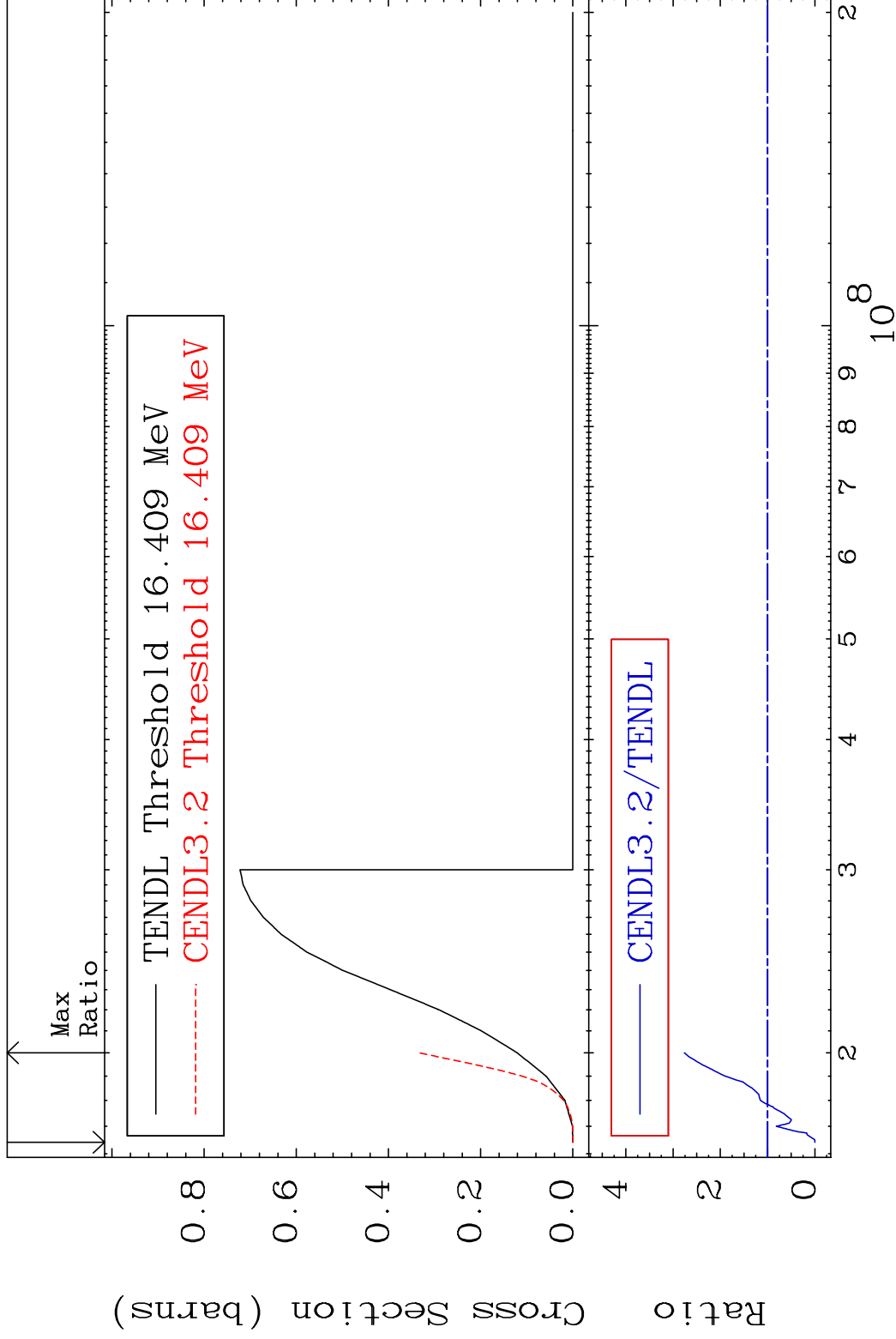
4 Incident Energy (eV) 50-Sn-118

MAT 5043

(n,3n)

50-Sn-118

Cross Section -100.0 To 176.3 %



5

Incident Energy (eV)

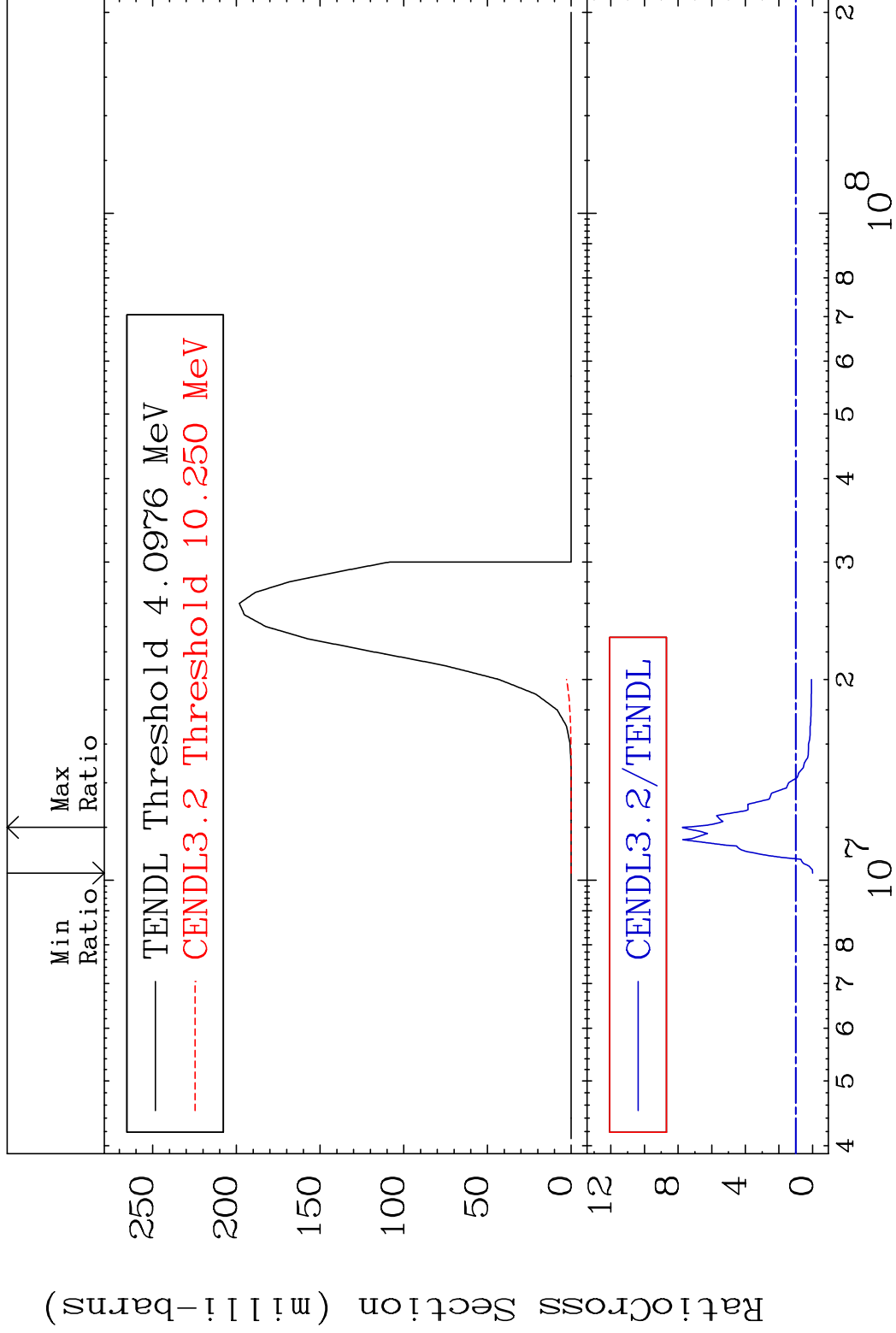
50-Sn-118

MAT 5043

(n, n') α

50-Sn-118

Cross Section -100.0 To 674.6 %



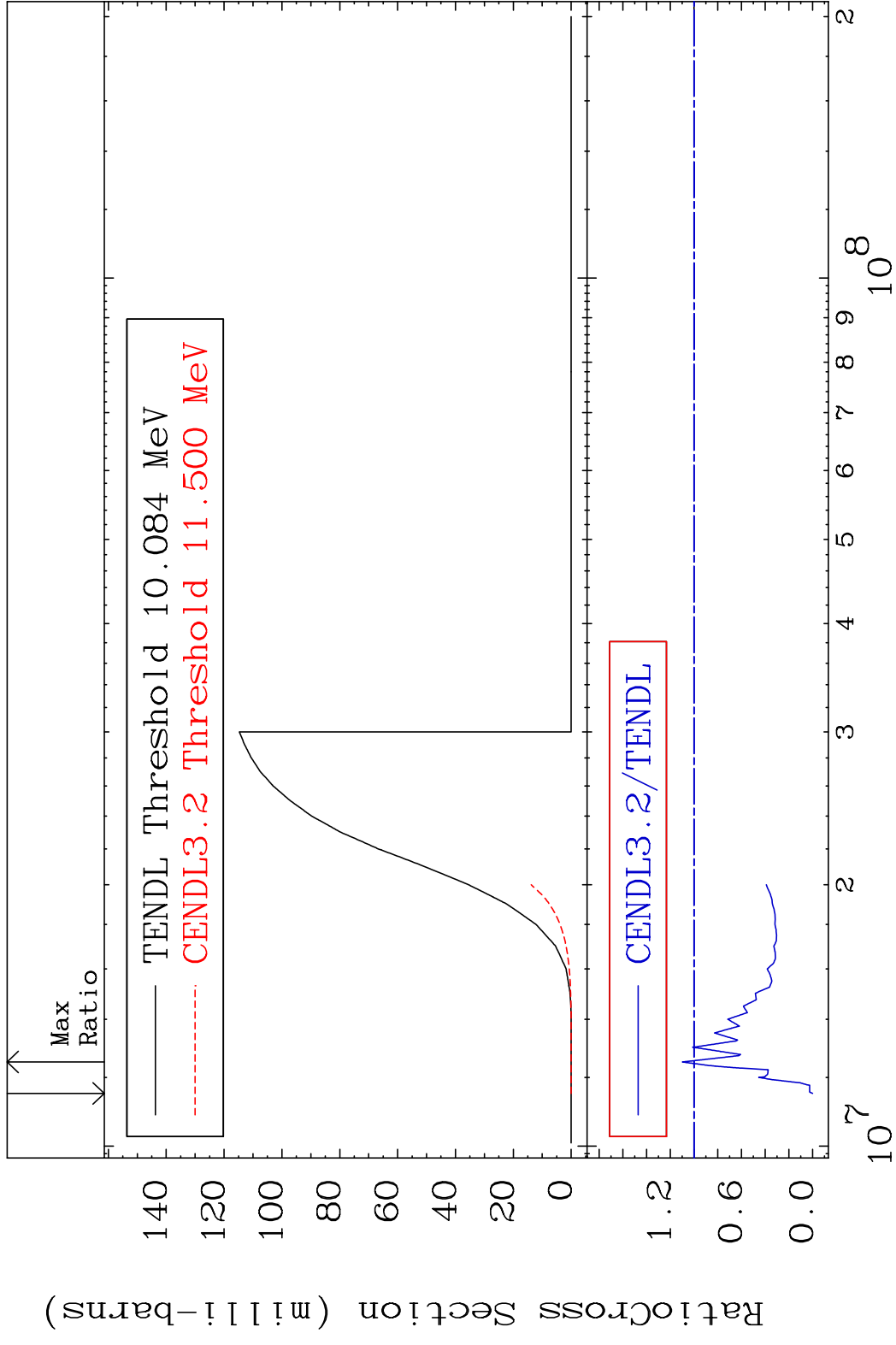
6

Incident Energy (eV)

50-Sn-118

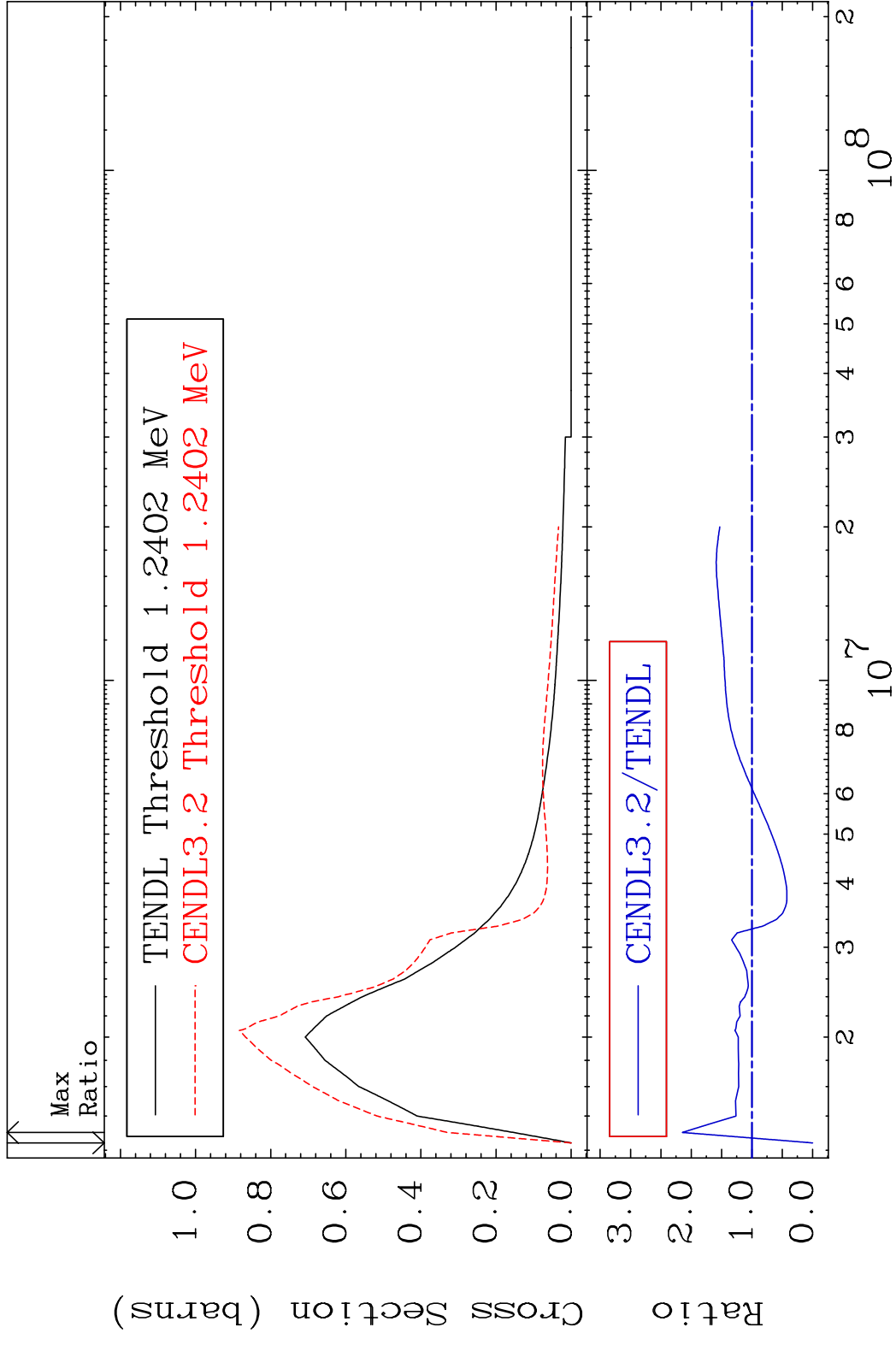
MAT 5043

(n, n') p 50-Sn-118
Cross Section -100.0 To 9.777 %

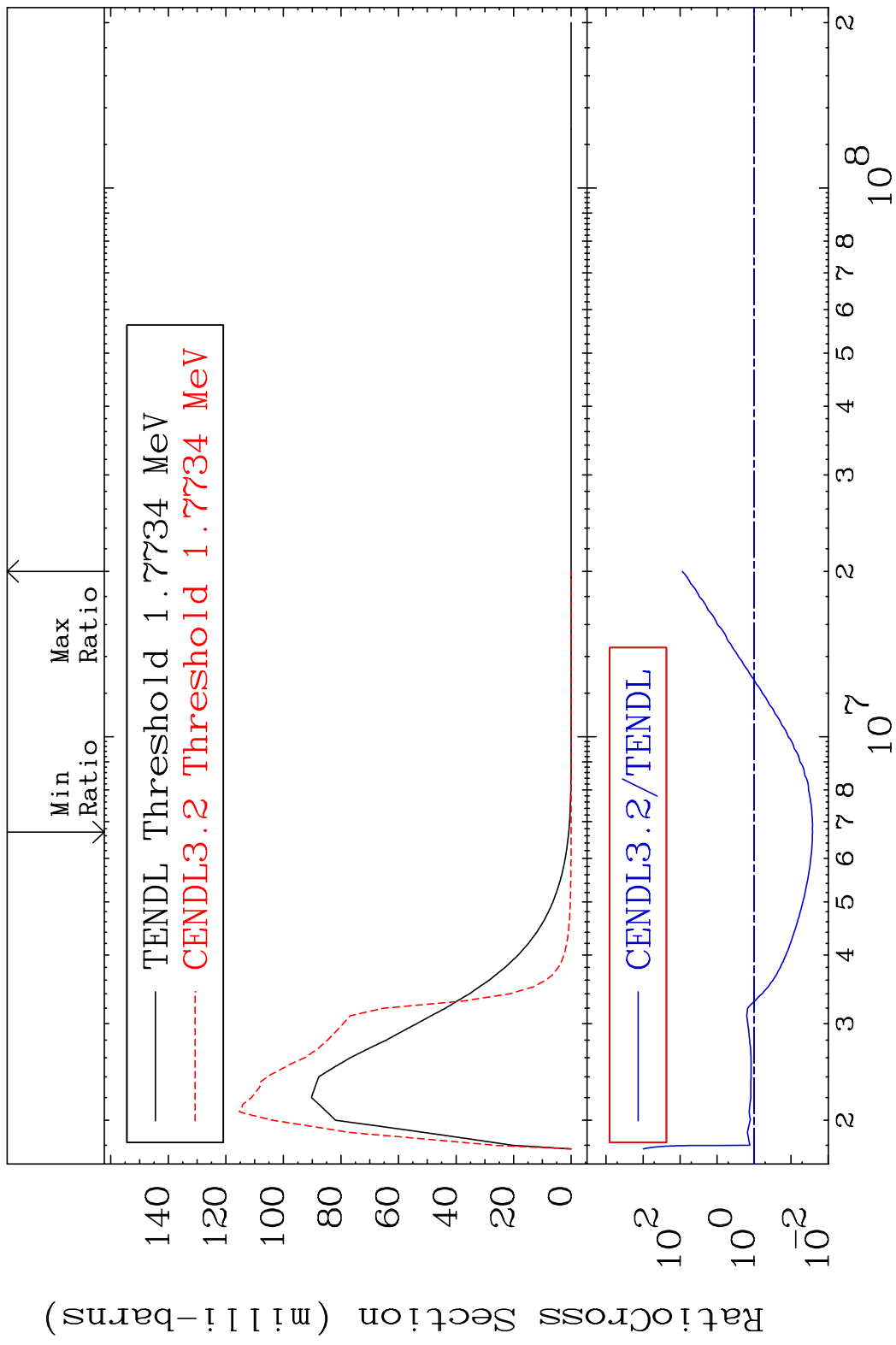


7 Incident Energy (eV) 50-Sn-118

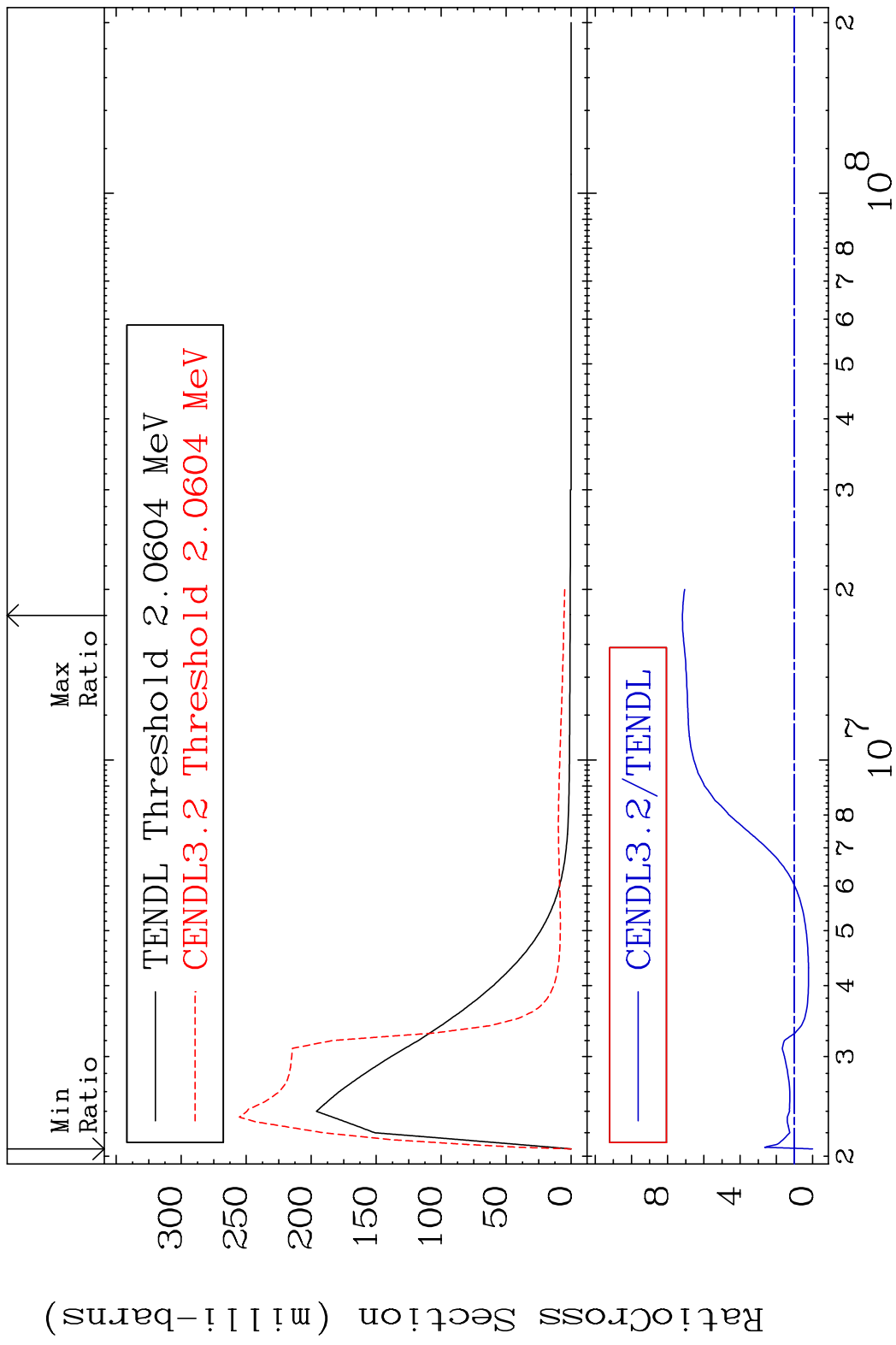
MAT 5043 MT= 51 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 114.6 %



MAT 5043 MT= 52 (n, n') Level 50-Sn-118
 Cross Section -97.38 To 8565. %

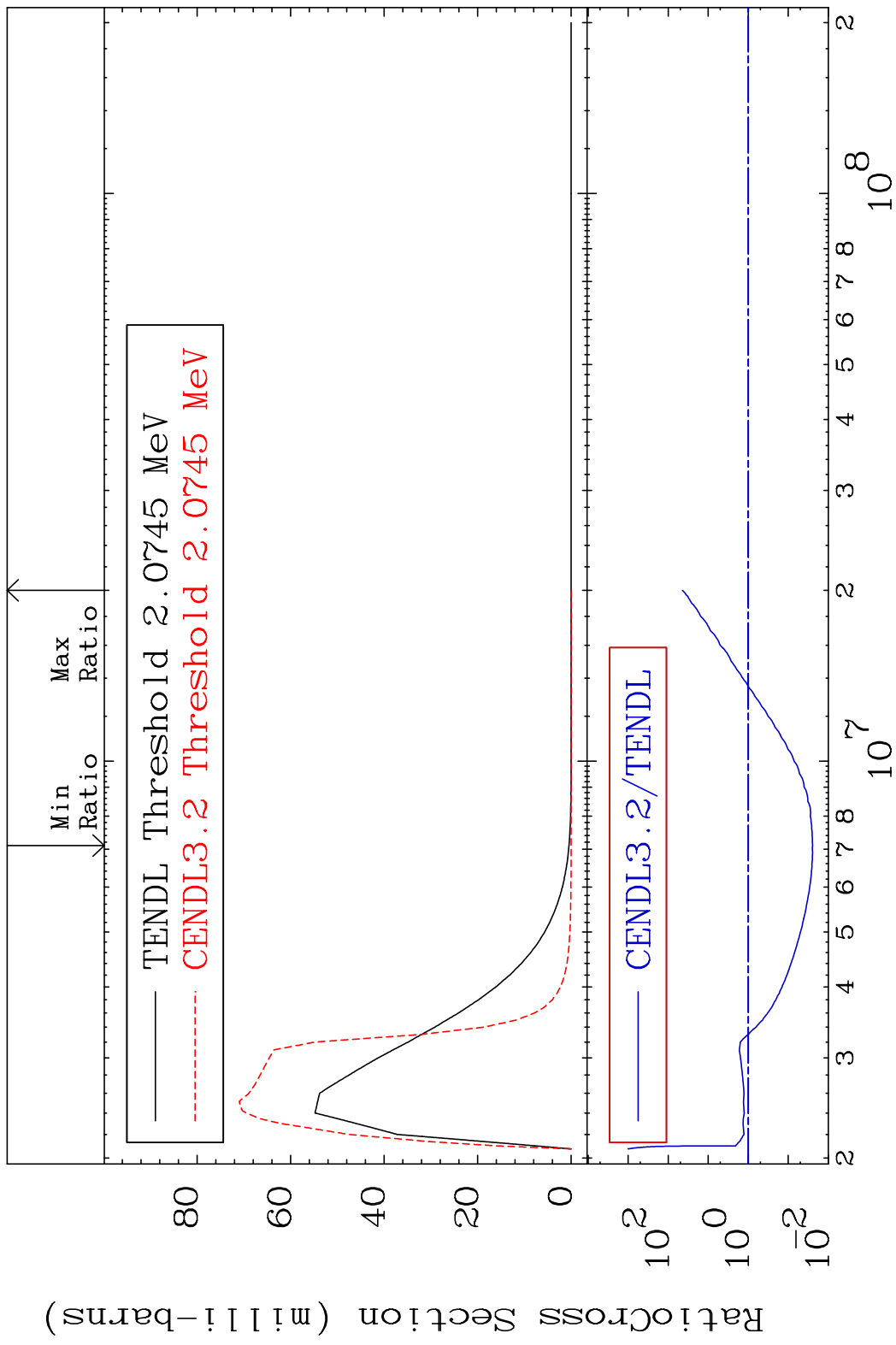


MAT 5043 MT= 53 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 618.8 %

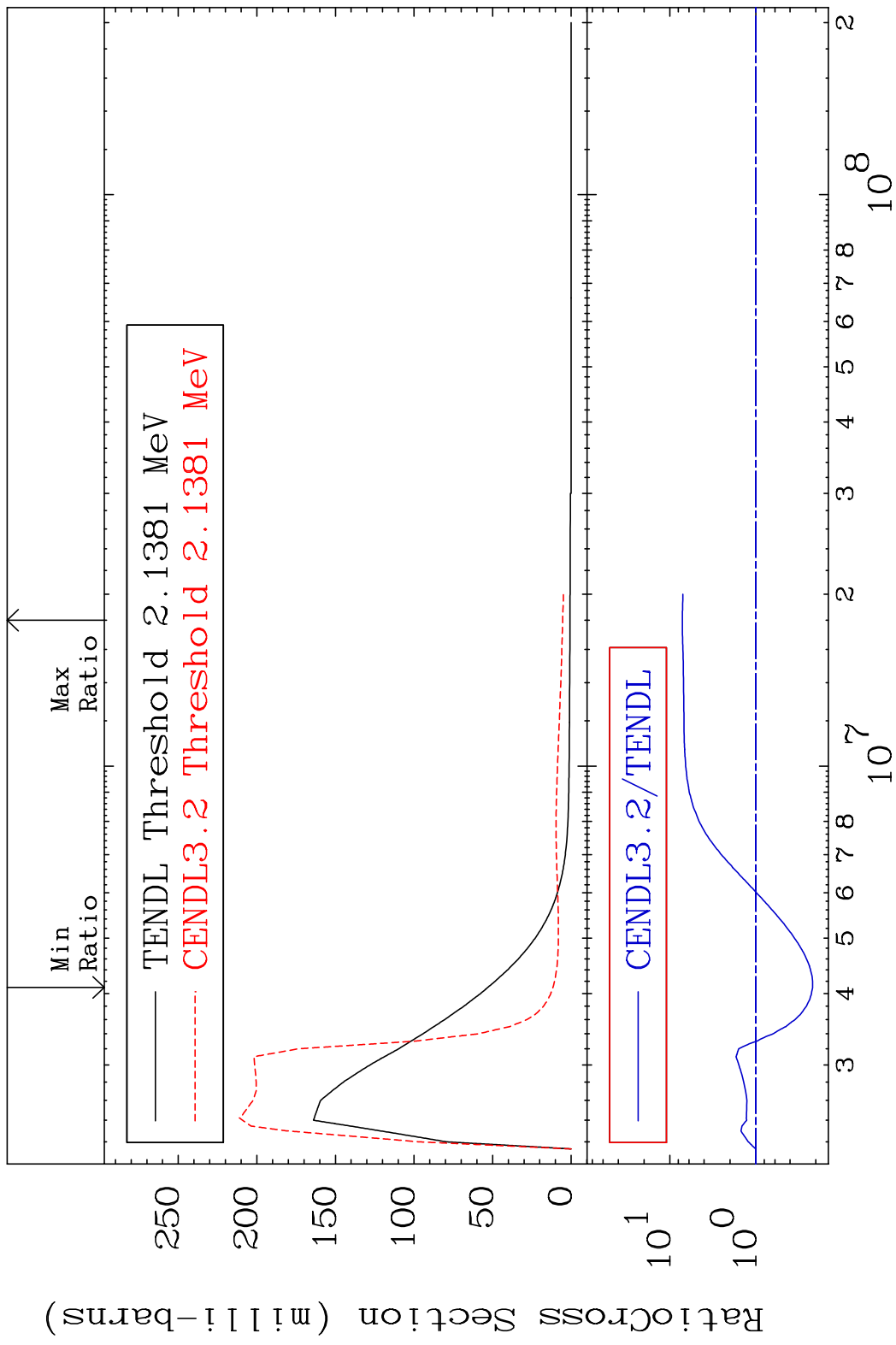


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 50-Sn-118

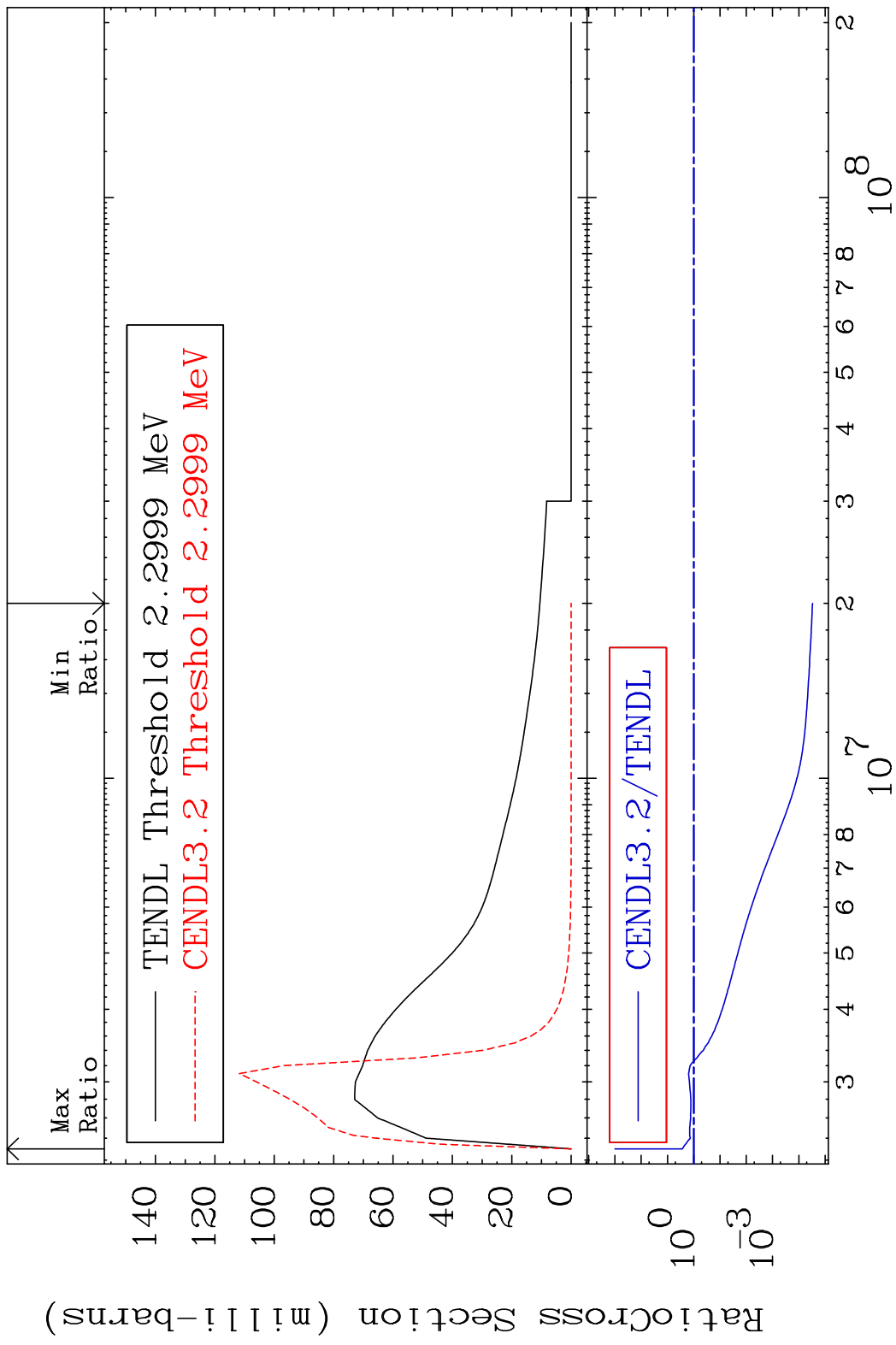
MAT 5043 MT= 54 (n, n') Level 50-Sn-118
 Cross Section -97.52 To 4327. %



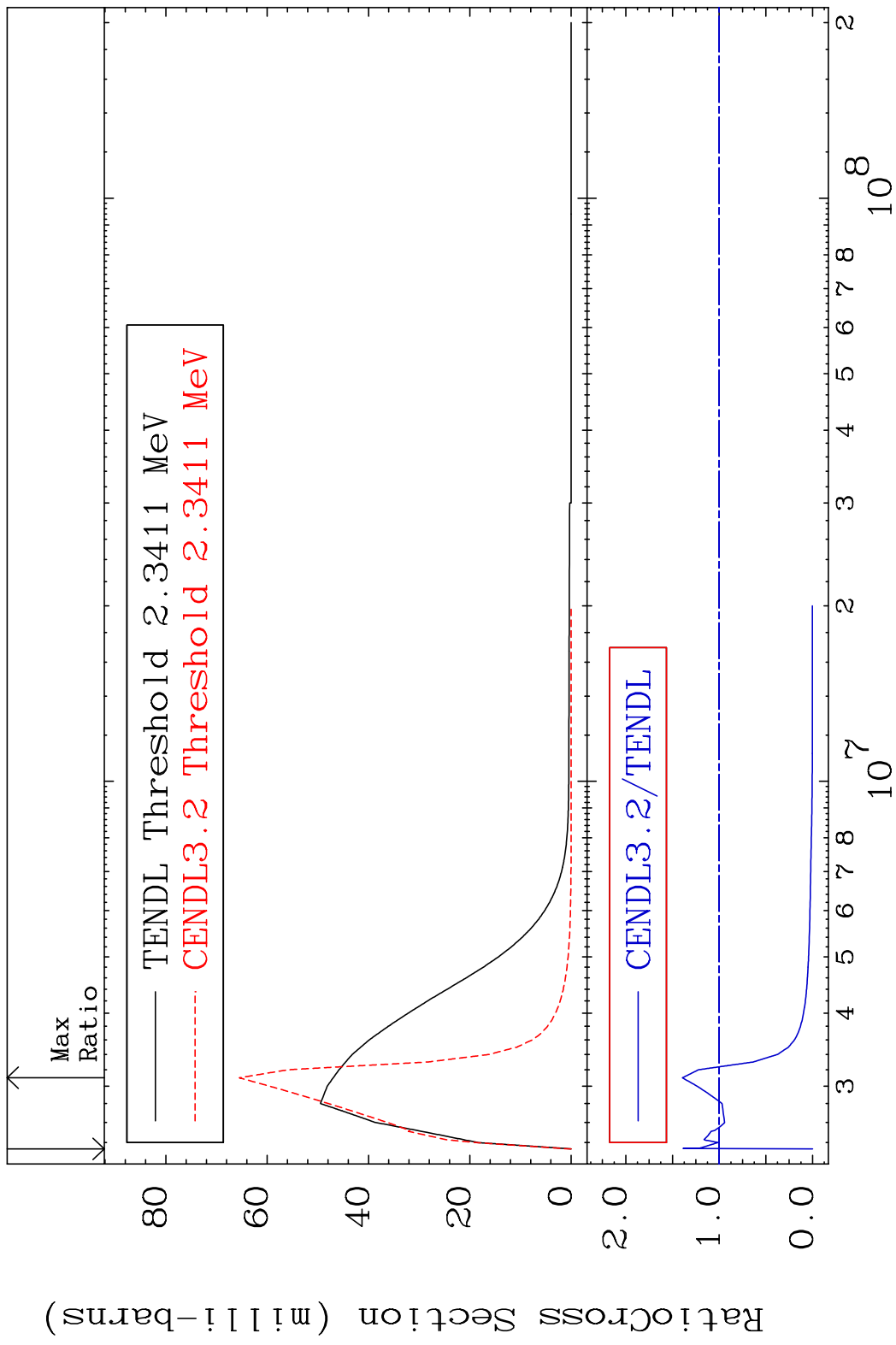
MAT 5043 MT= 55 (n, n') Level 50-Sn-118
 Cross Section -78.14 To 616.6 %



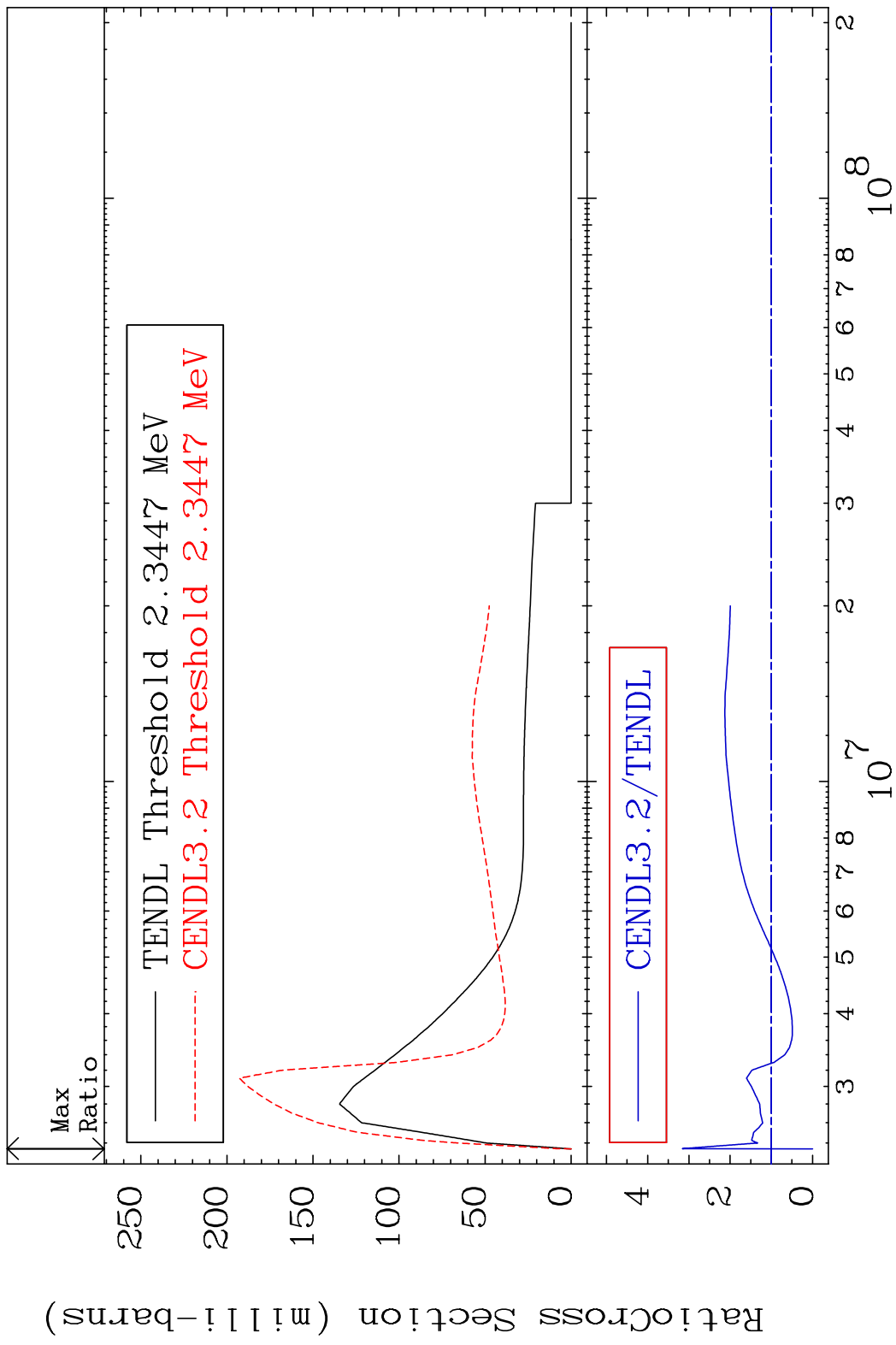
MAT 5043 MT= 56 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 171.3 %



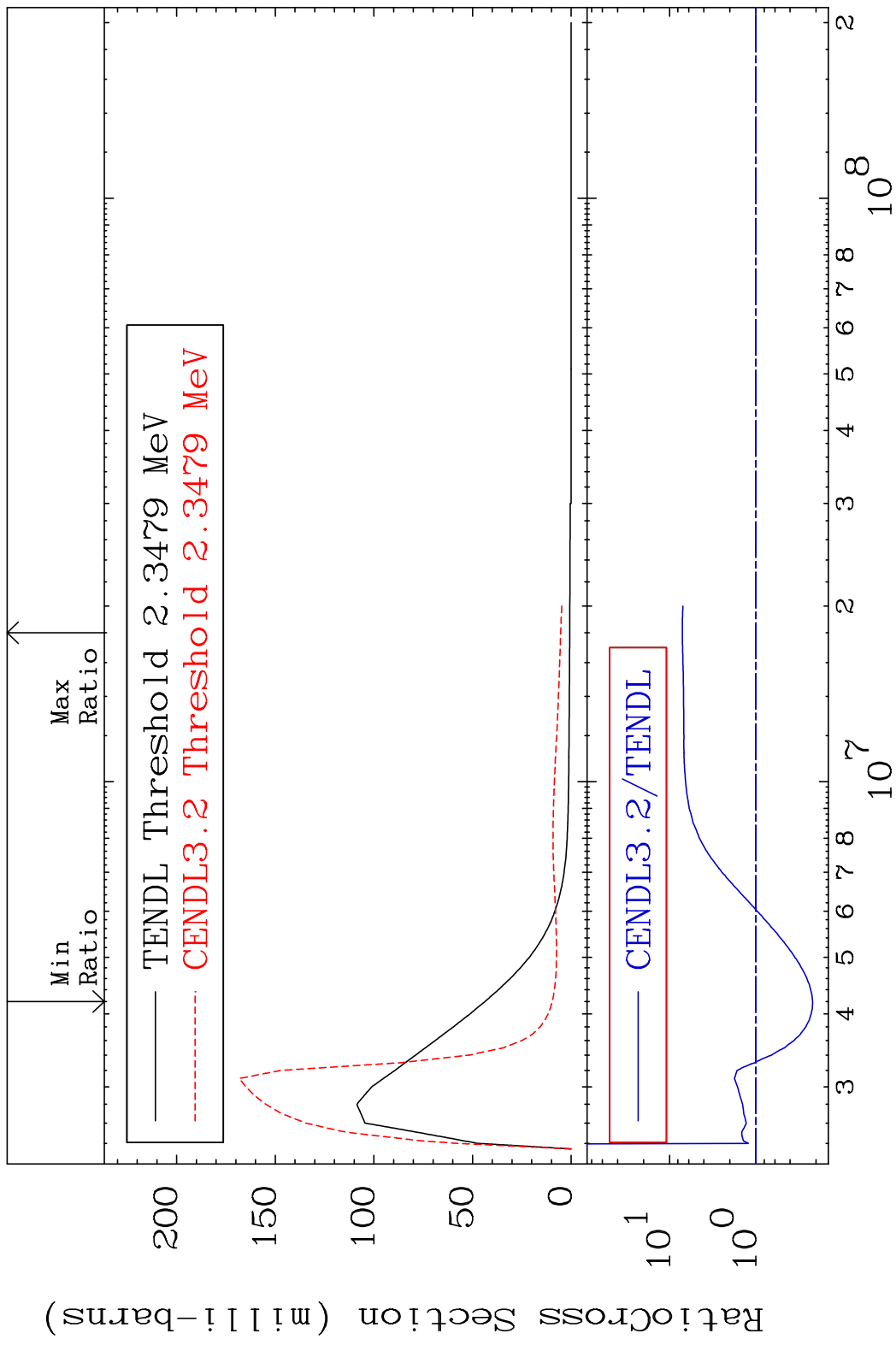
MAT 5043 MT= 57 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 39.44 %



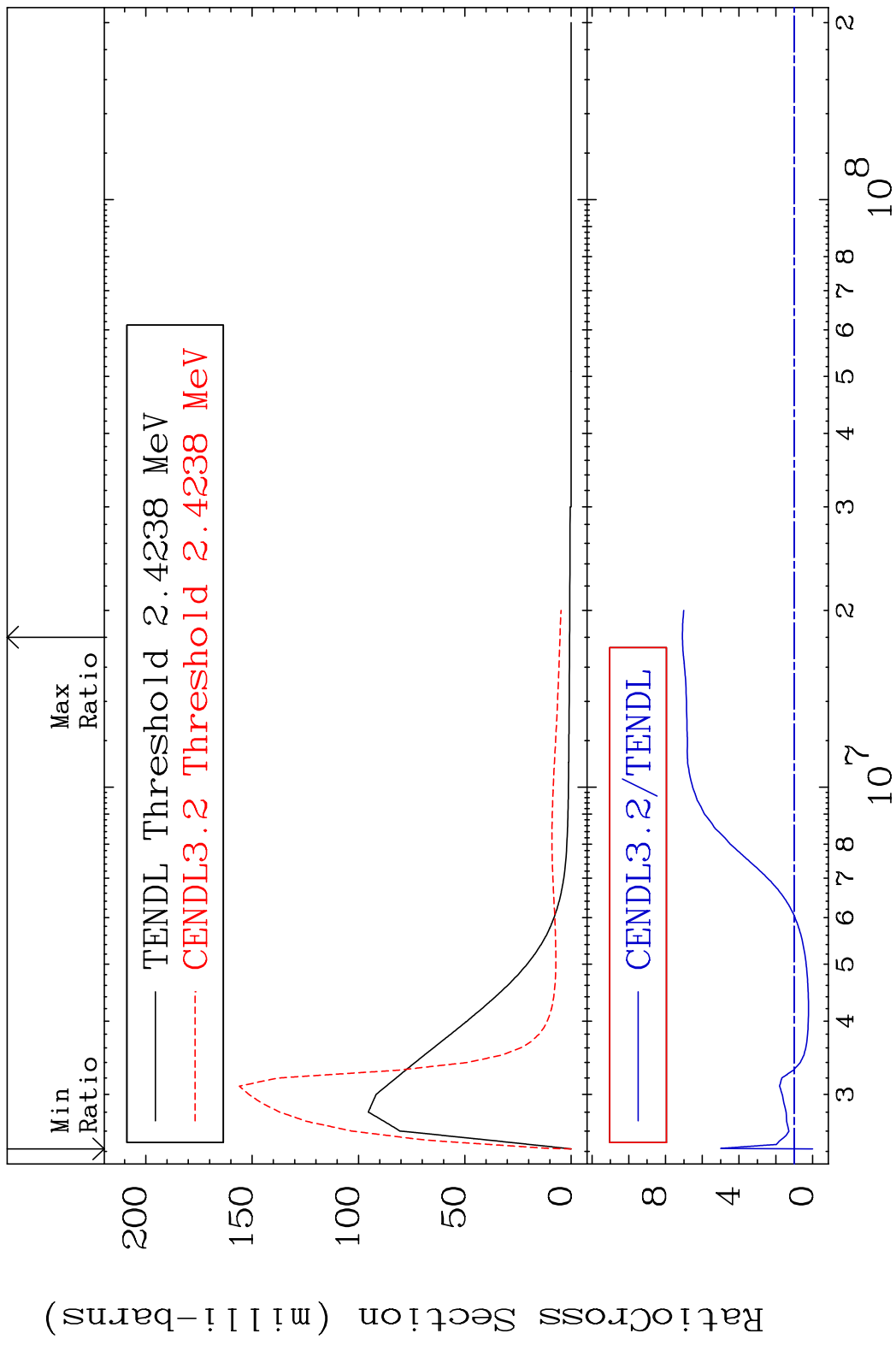
MAT 5043 MT= 58 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 215.9 %



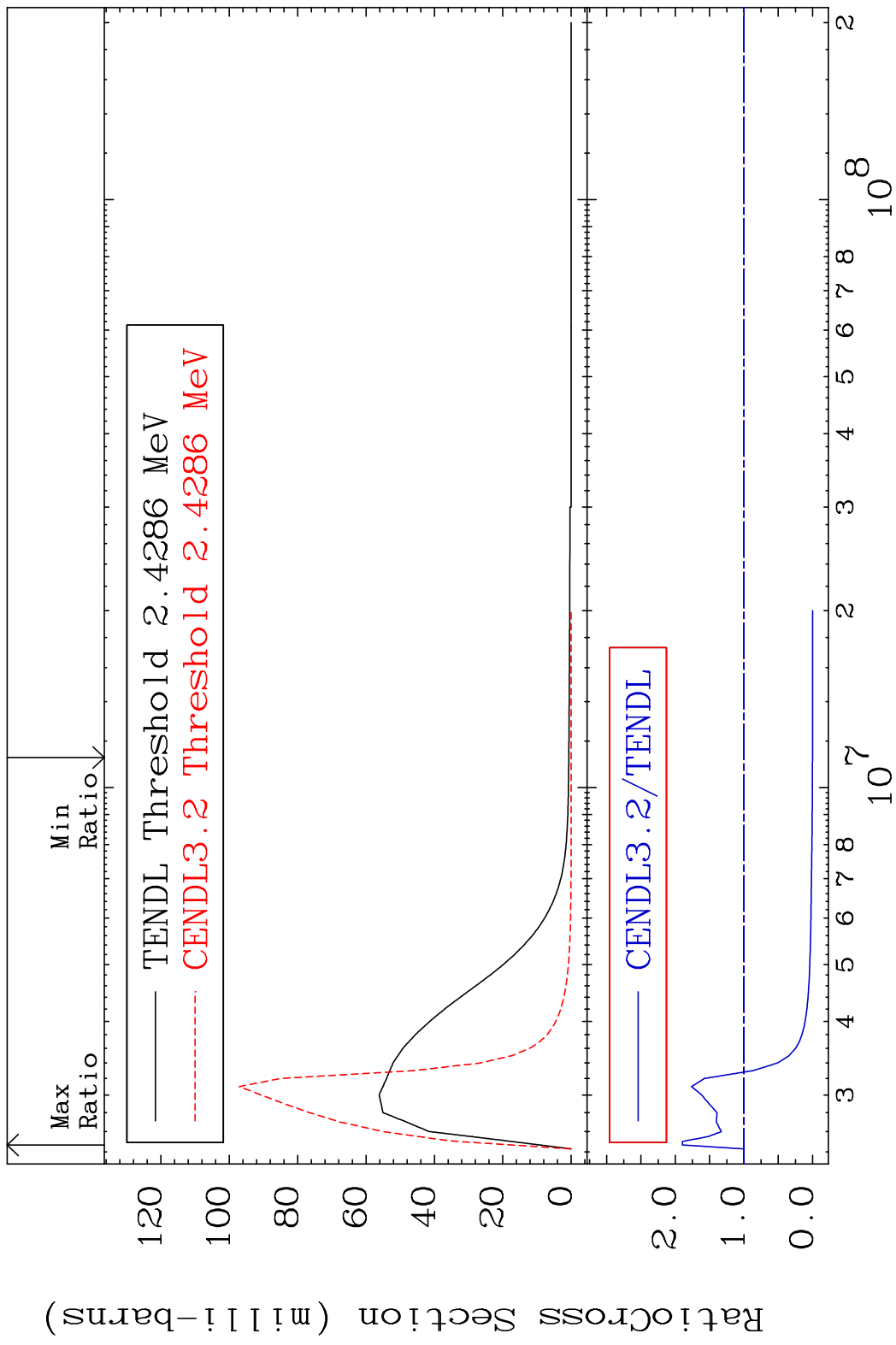
MAT 5043 MT= 59 (n, n') Level 50-Sn-118
 Cross Section -78.01 To 610.6 %



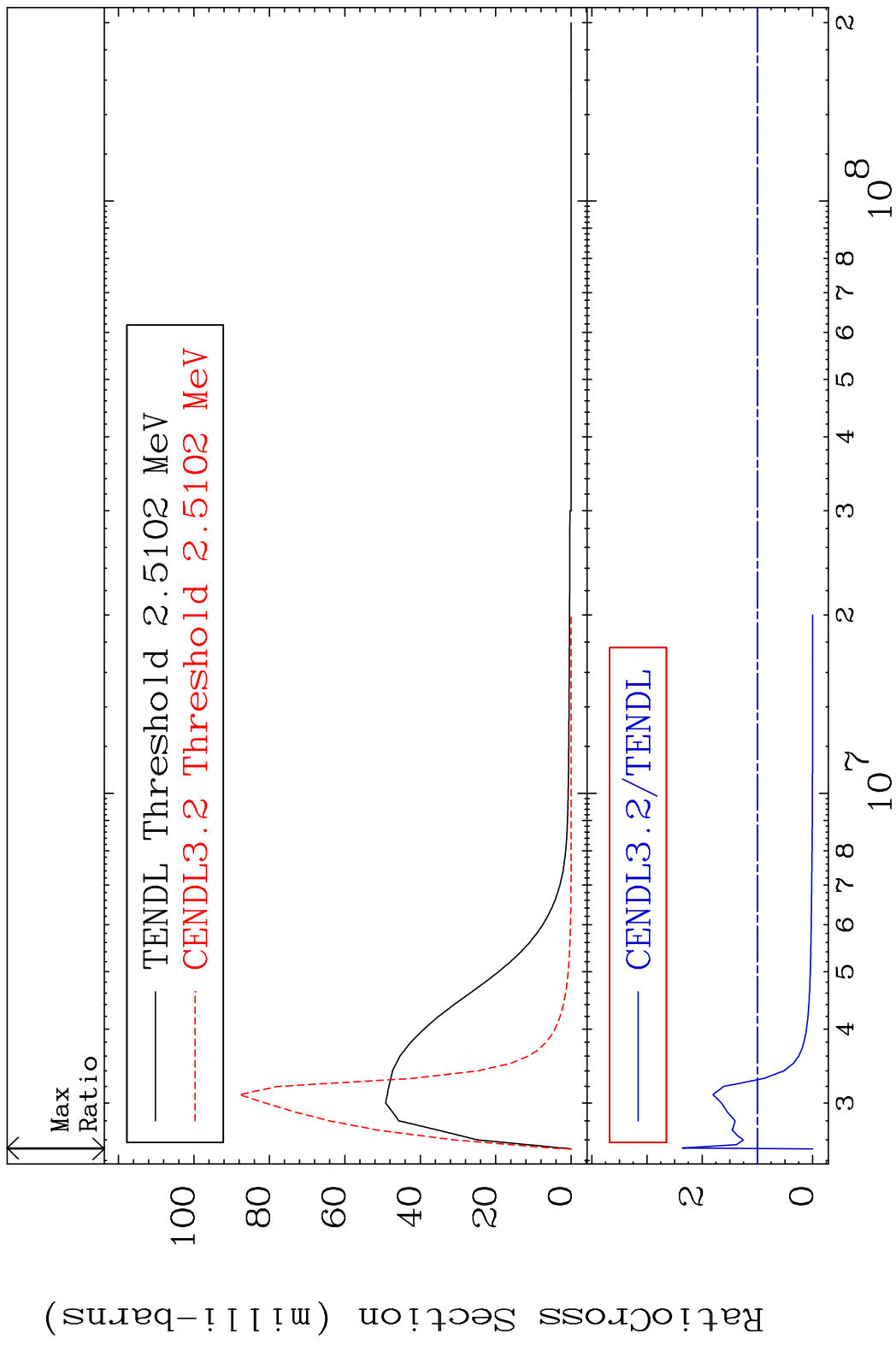
MAT 5043 MT= 60 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 608.3 %



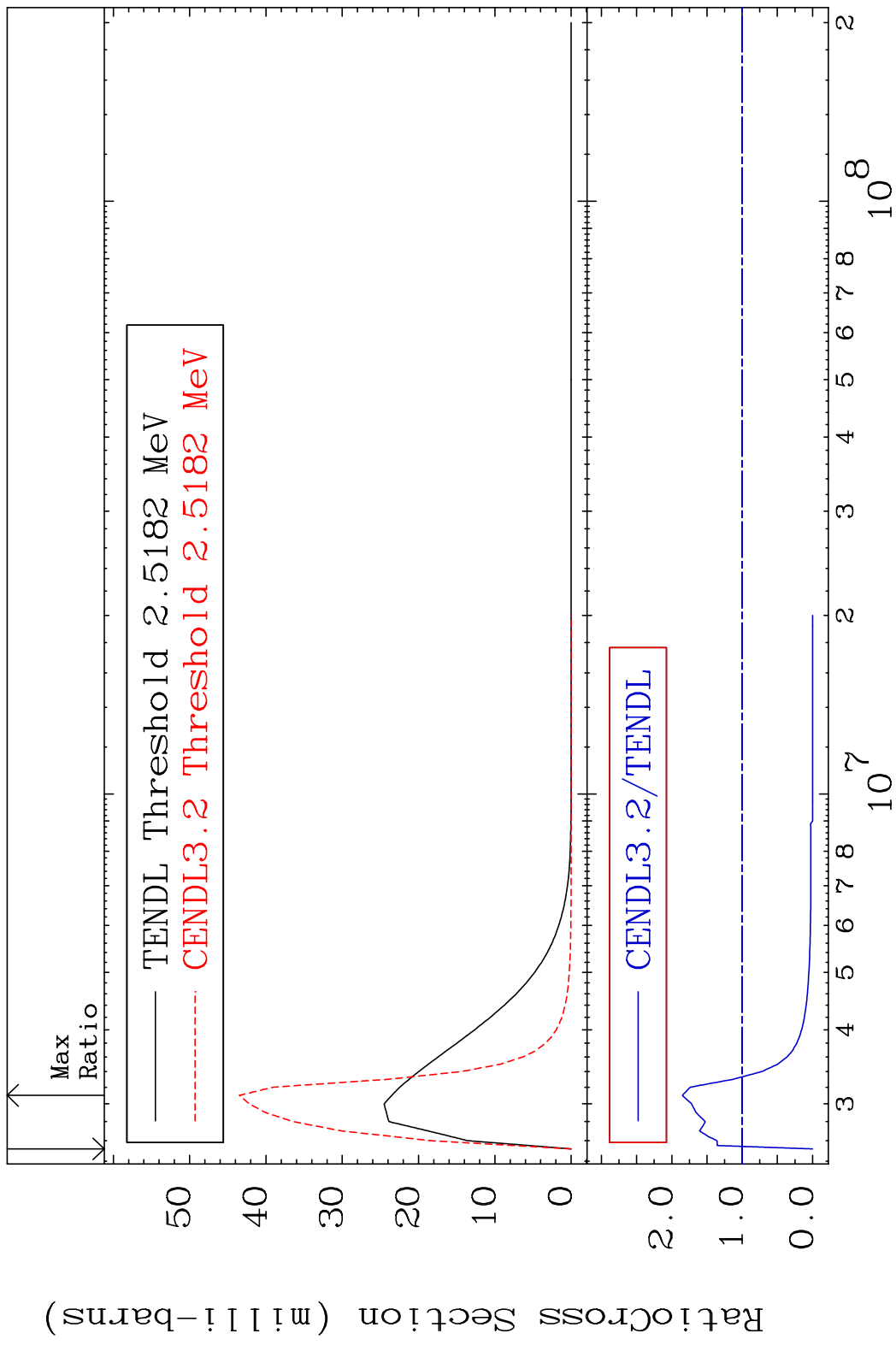
MAT 5043 MT= 61 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 89.69 %



MAT 5043 MT= 62 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 135.9 %

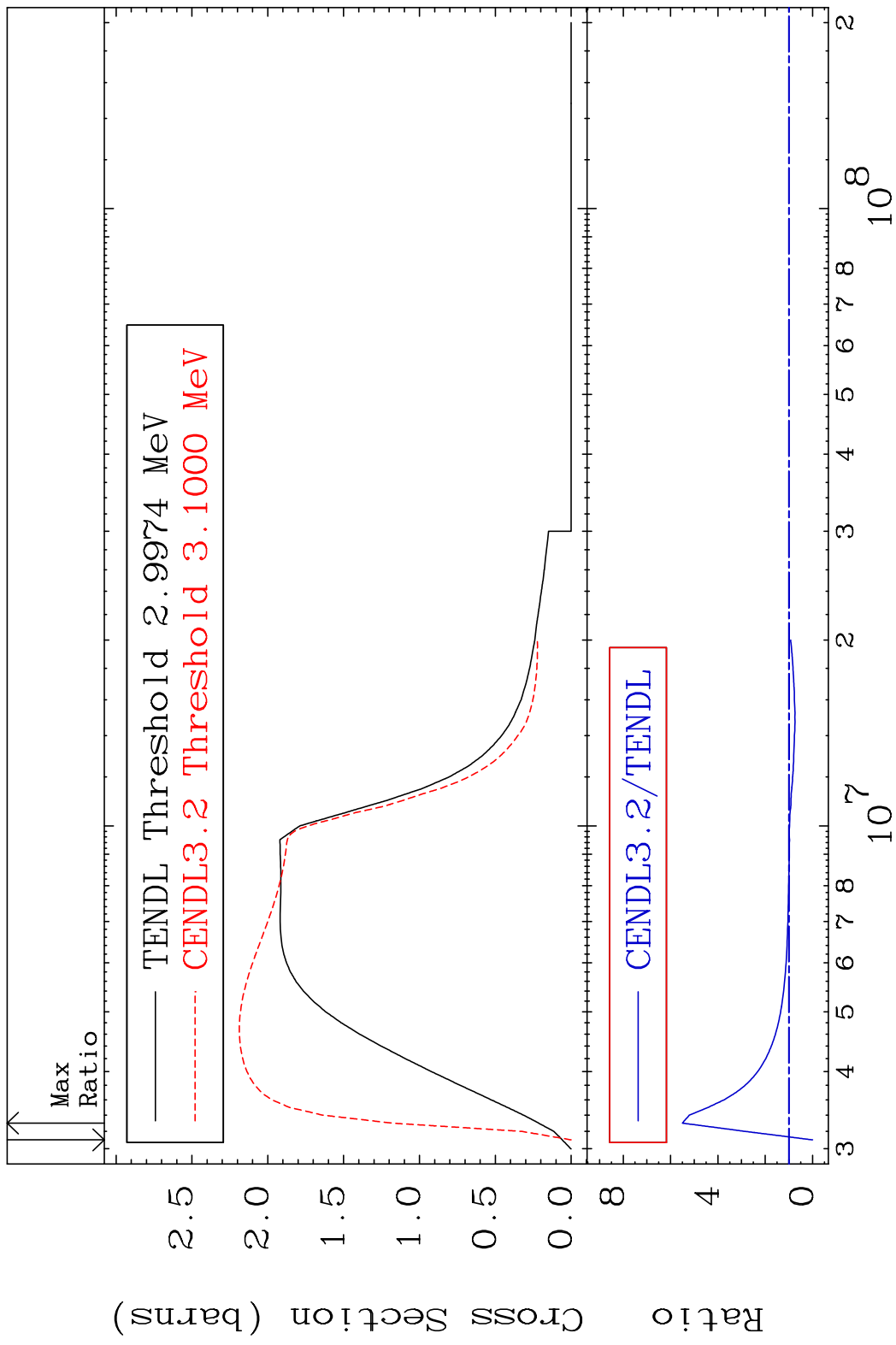


MAT 5043 MT= 63 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 85.01 %



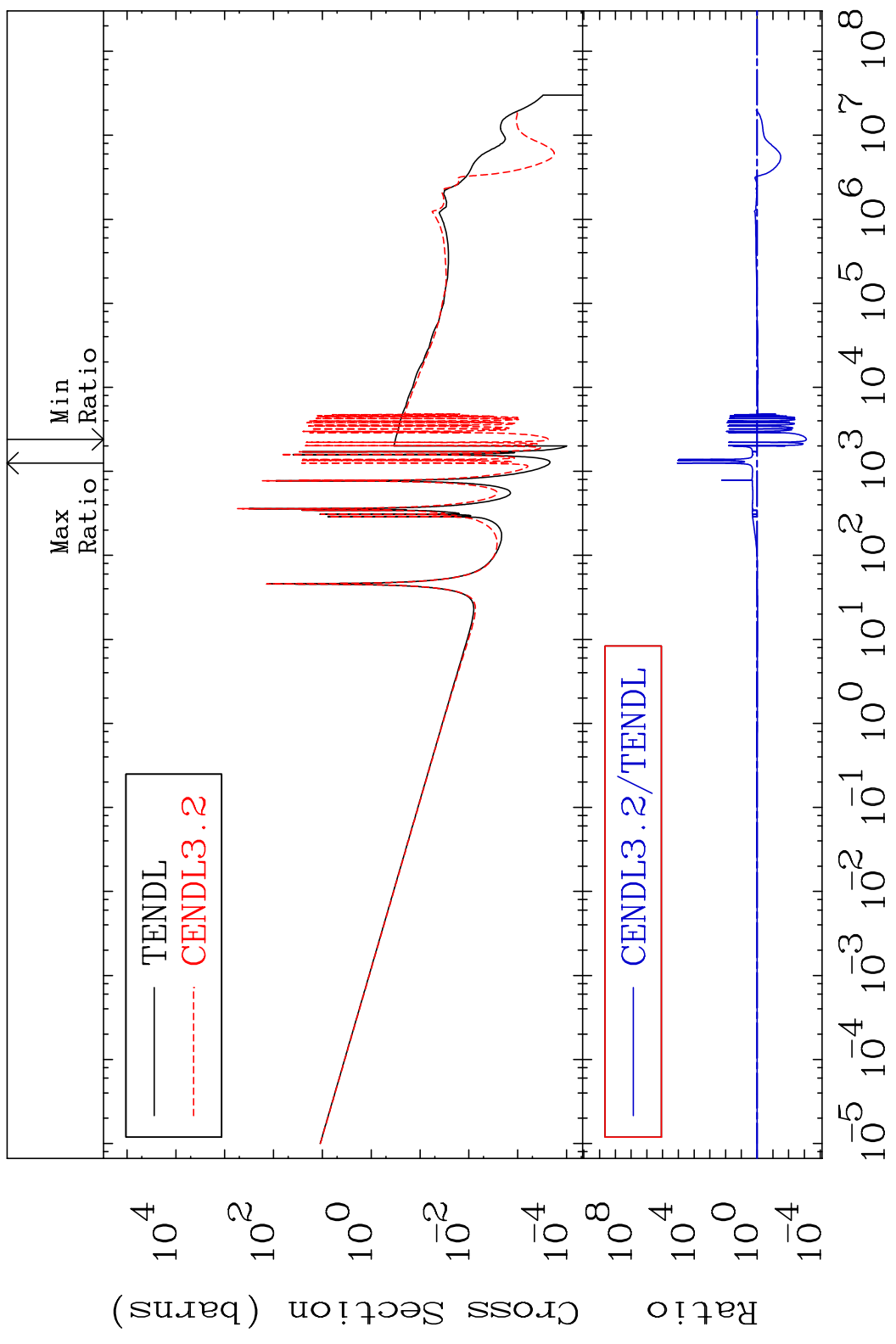
20 Incident Energy (eV) 50-Sn-118

MAT 5043 (n,n') Continuum 50-Sn-118
 Cross Section -100.0 To 450.1 %

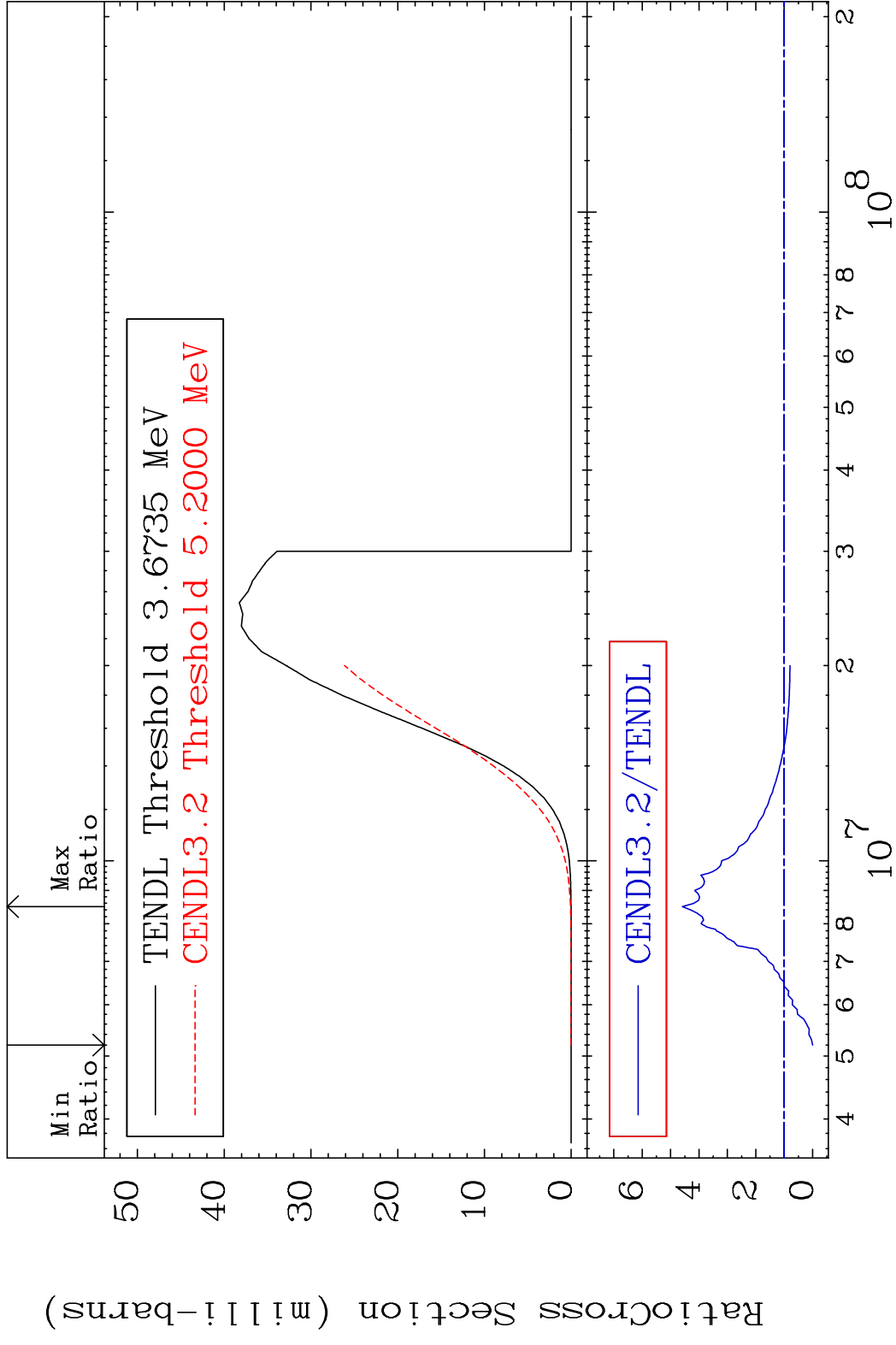


MAT 5043

(n, γ)
Cross Section -99.93 To 9999. %
50-Sn-118



MAT 5043 (n,p) 50-Sn-118
 Cross Section -100.0 To 358.7 %

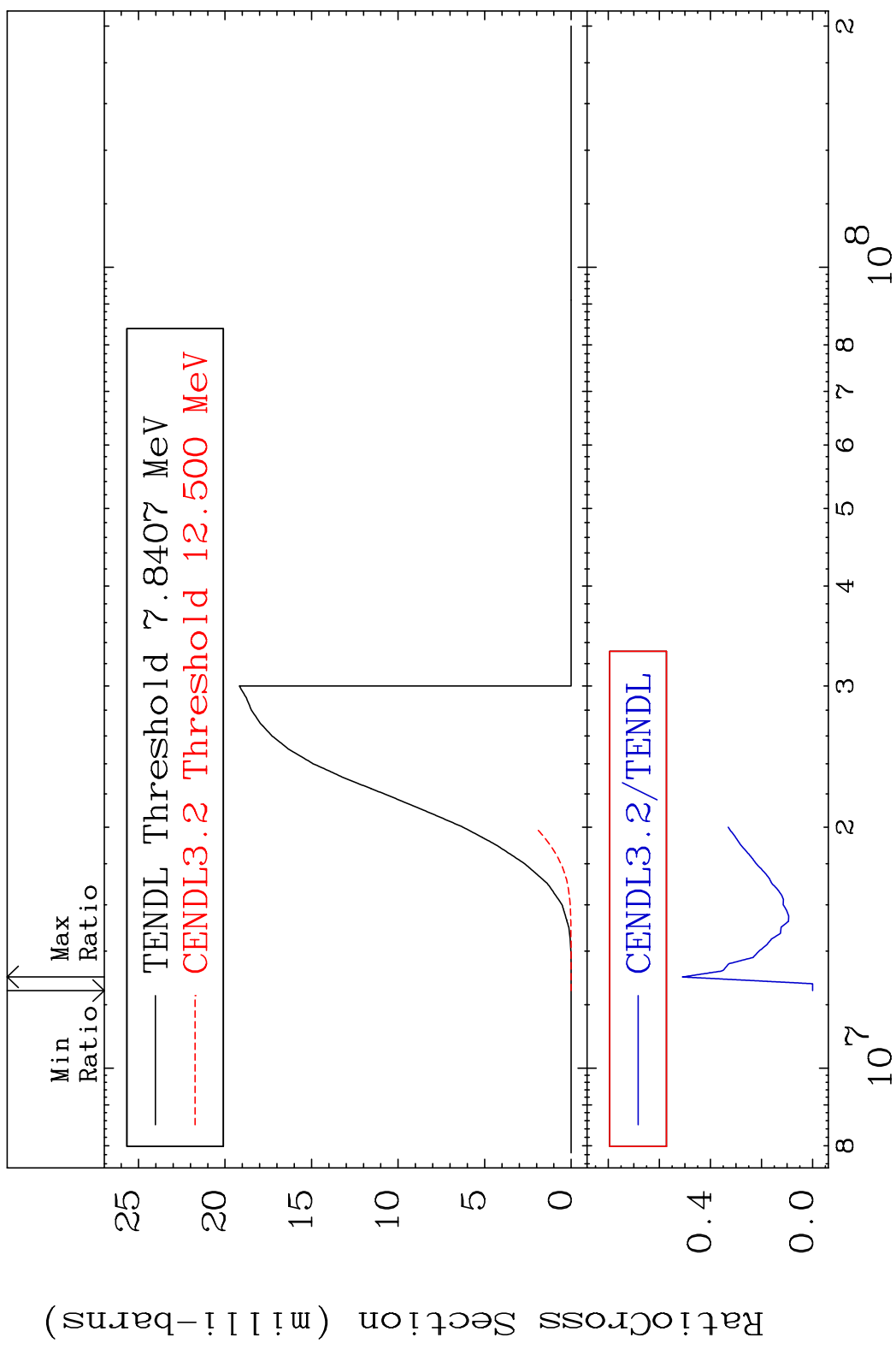


MAT 5043

(n,d)

50-Sn-118

Cross Section -100.0 To -49.02%



24

Incident Energy (eV)

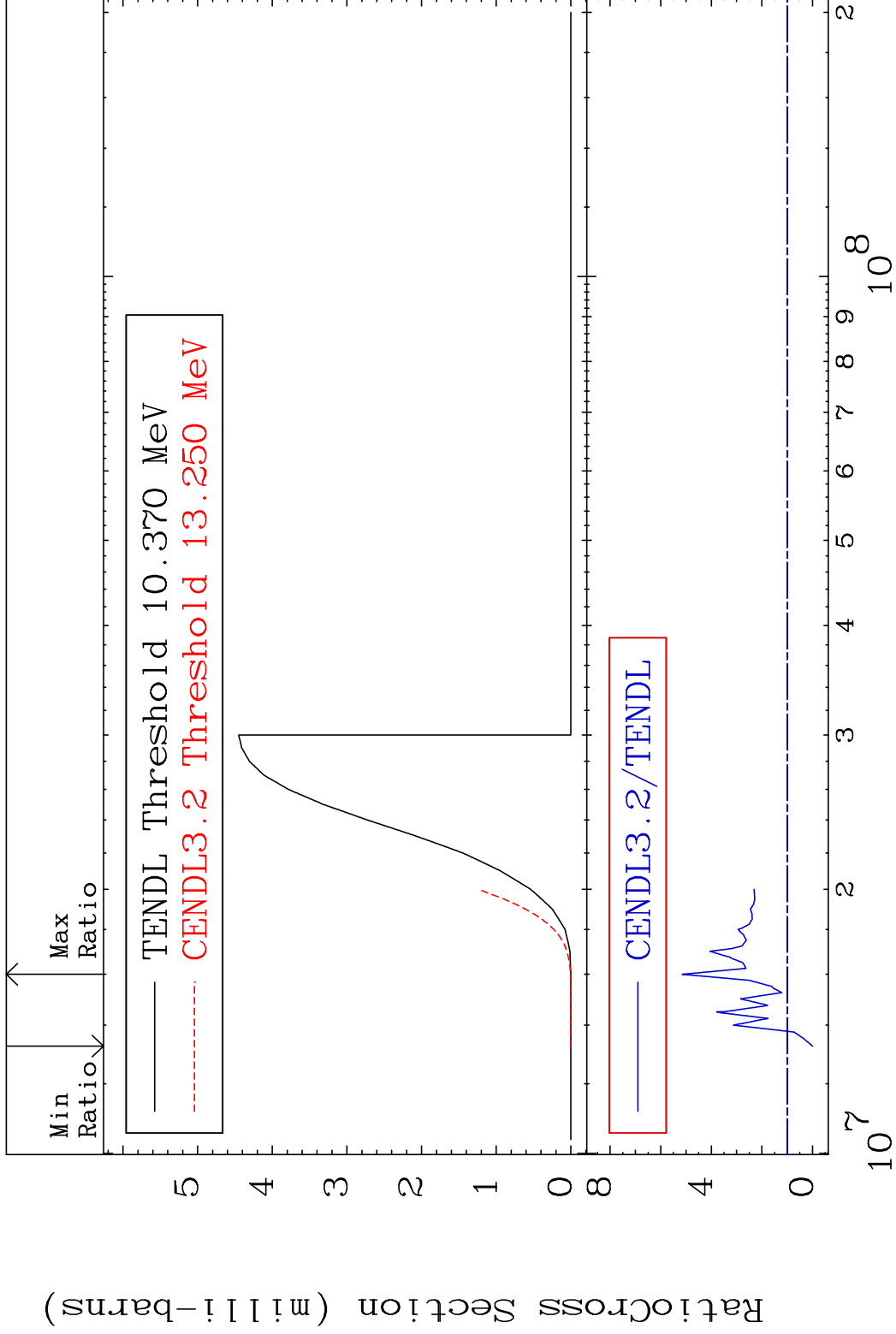
50-Sn-118

MAT 5043

(n, t)

50-Sn-118

Cross Section -100.0 To 415.3 %



25

Incident Energy (eV)

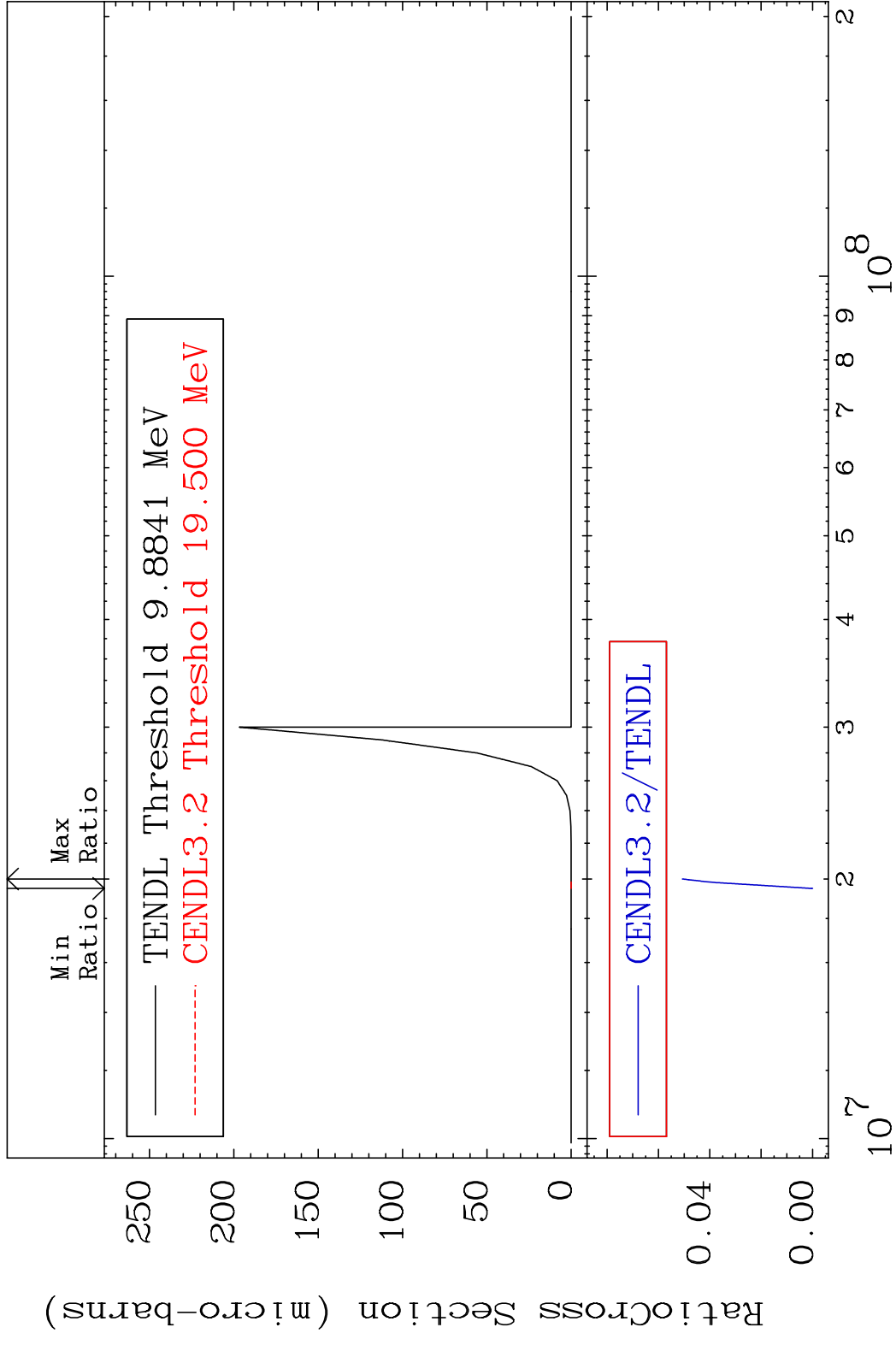
50-Sn-118

MAT 5043

(n, He-3)

50-Sn-118

Cross Section -100.0 To -94.93%



26

Incident Energy (eV)

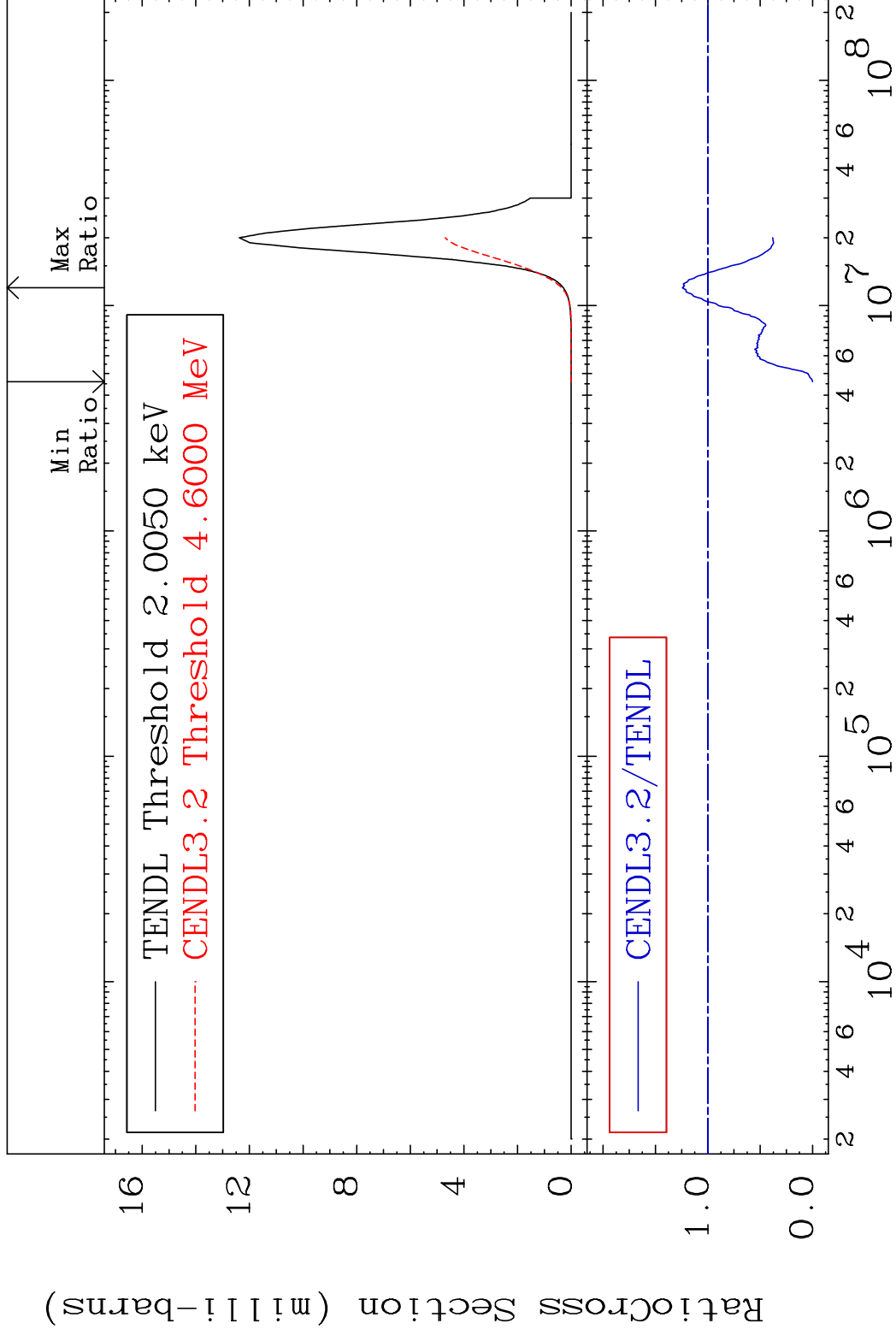
50-Sn-118

MAT 5043

(n, α)

50-Sn-118

Cross Section -100.0 To 24.32 %



27

Incident Energy (eV)

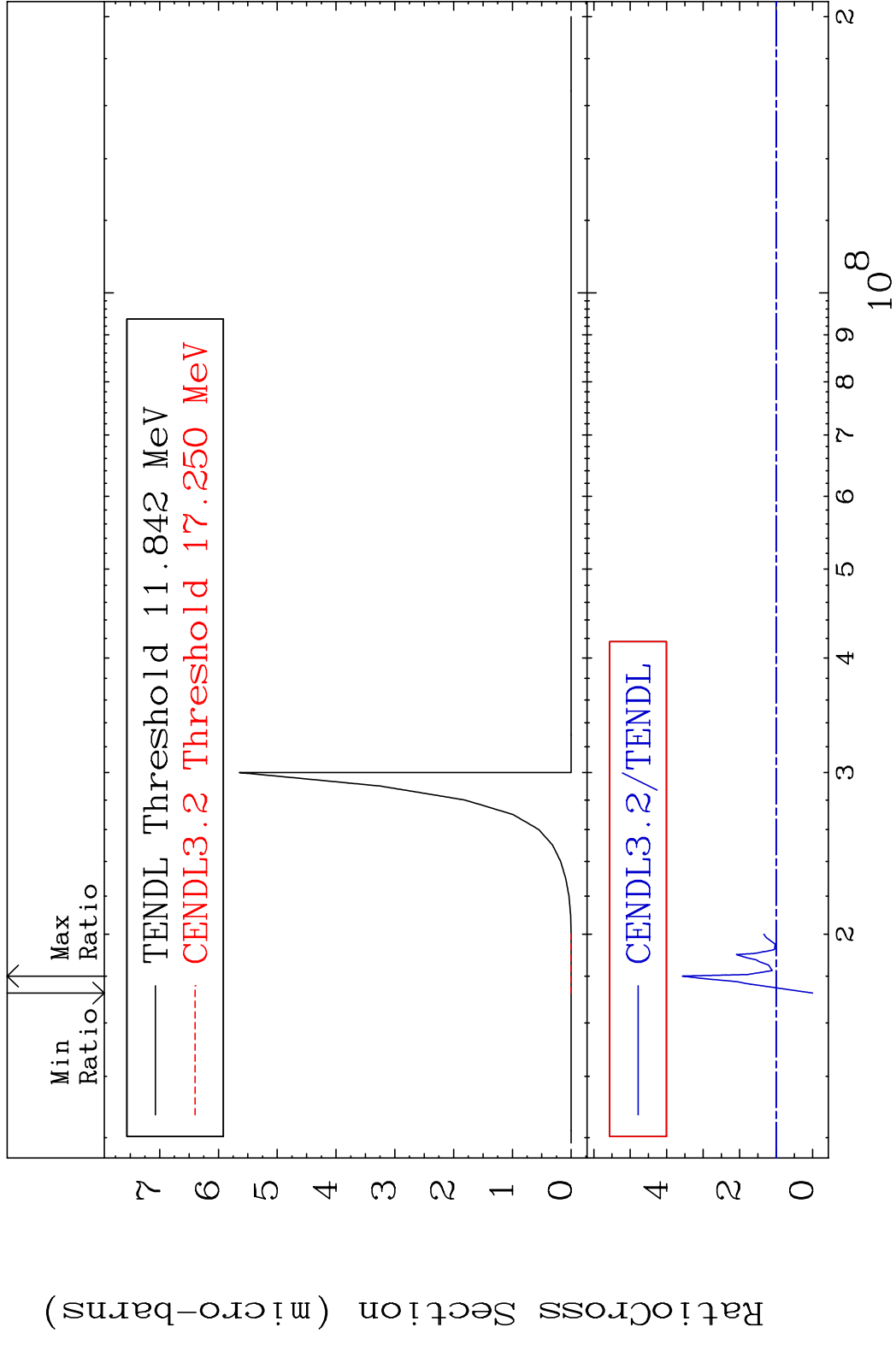
50-Sn-118

MAT 5043

(n,2p)

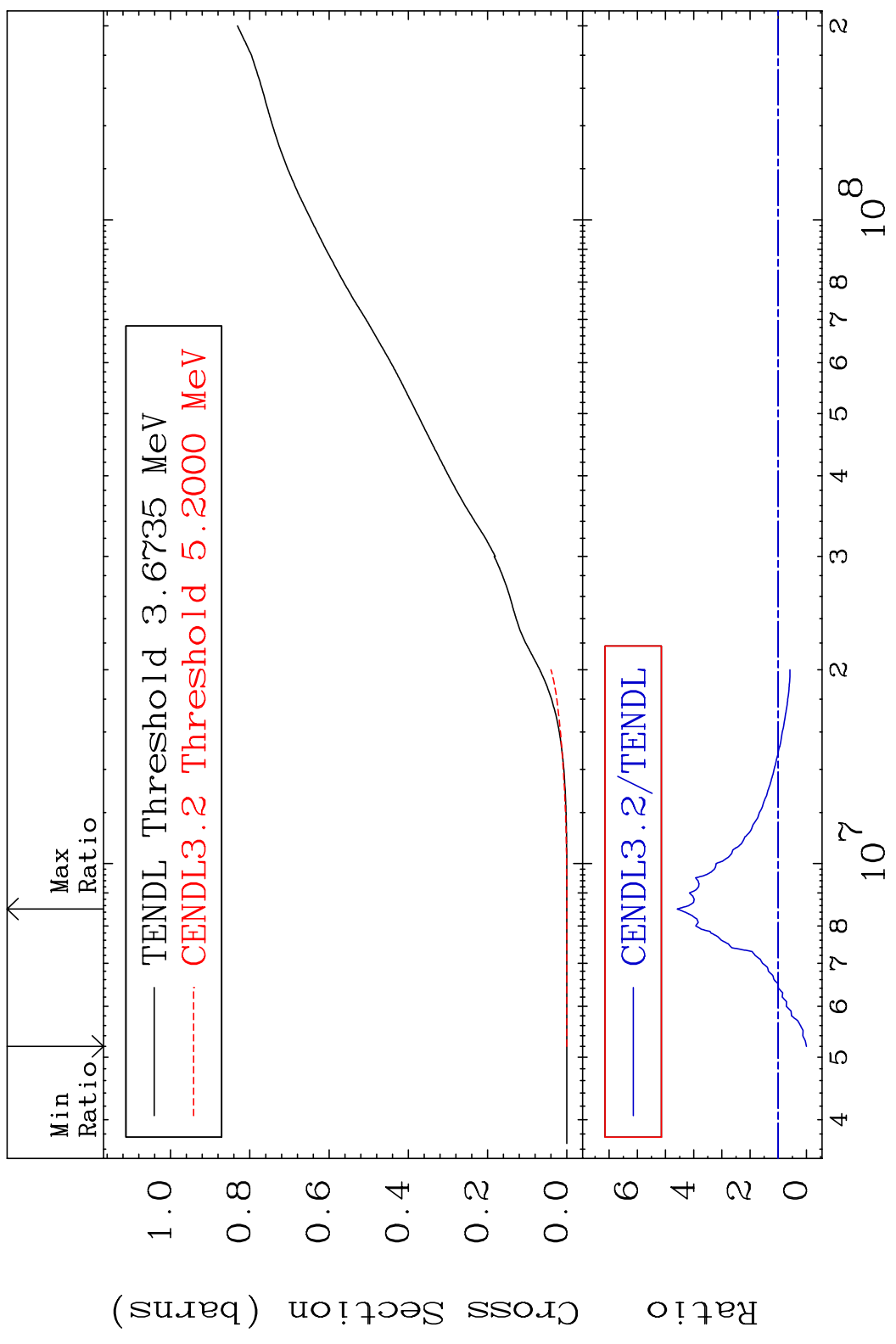
50-Sn-118

Cross Section -100.0 To 257.1 %



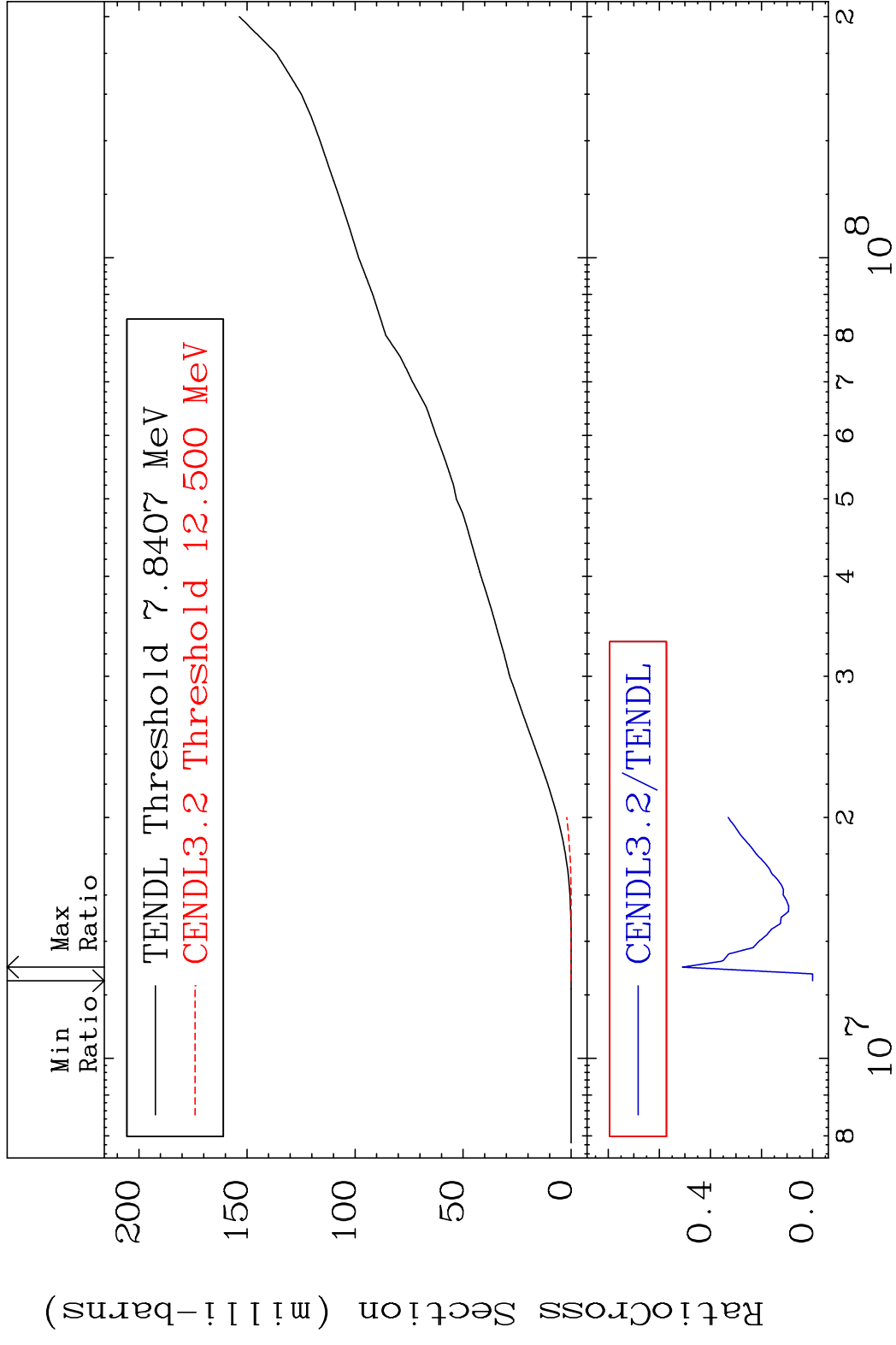
MAT 5043

Hydrogen Production 50-Sn-118
Cross Section -100.0 To 358.7 %



MAT 5043

Deuterium Production 50-Sn-118
Cross Section -100.0 To -49.02%

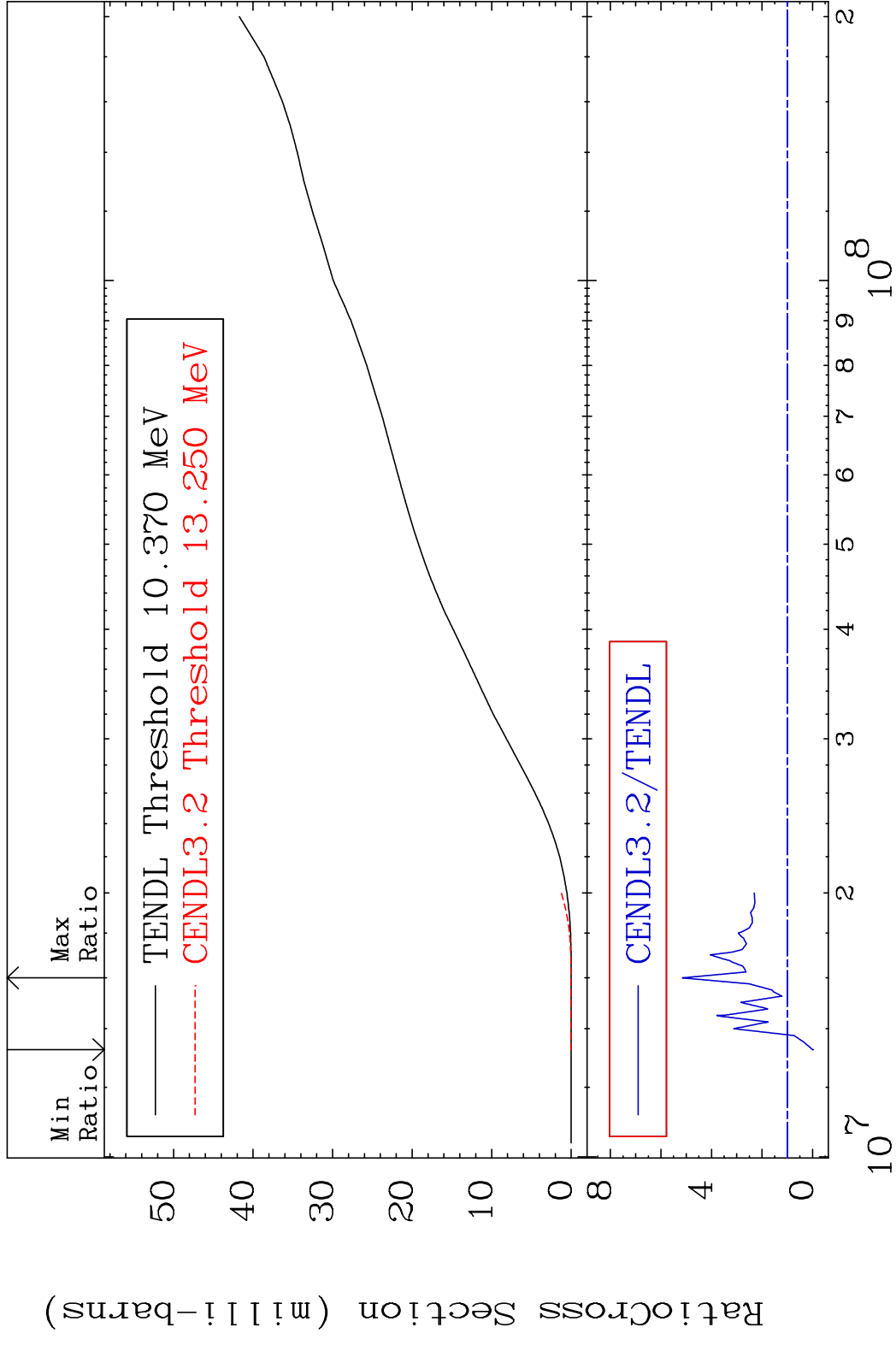


30

50-Sn-118

MAT 5043

Tritium Production 50-Sn-118
Cross Section -100.0 To 415.3 %



31

Incident Energy (eV)

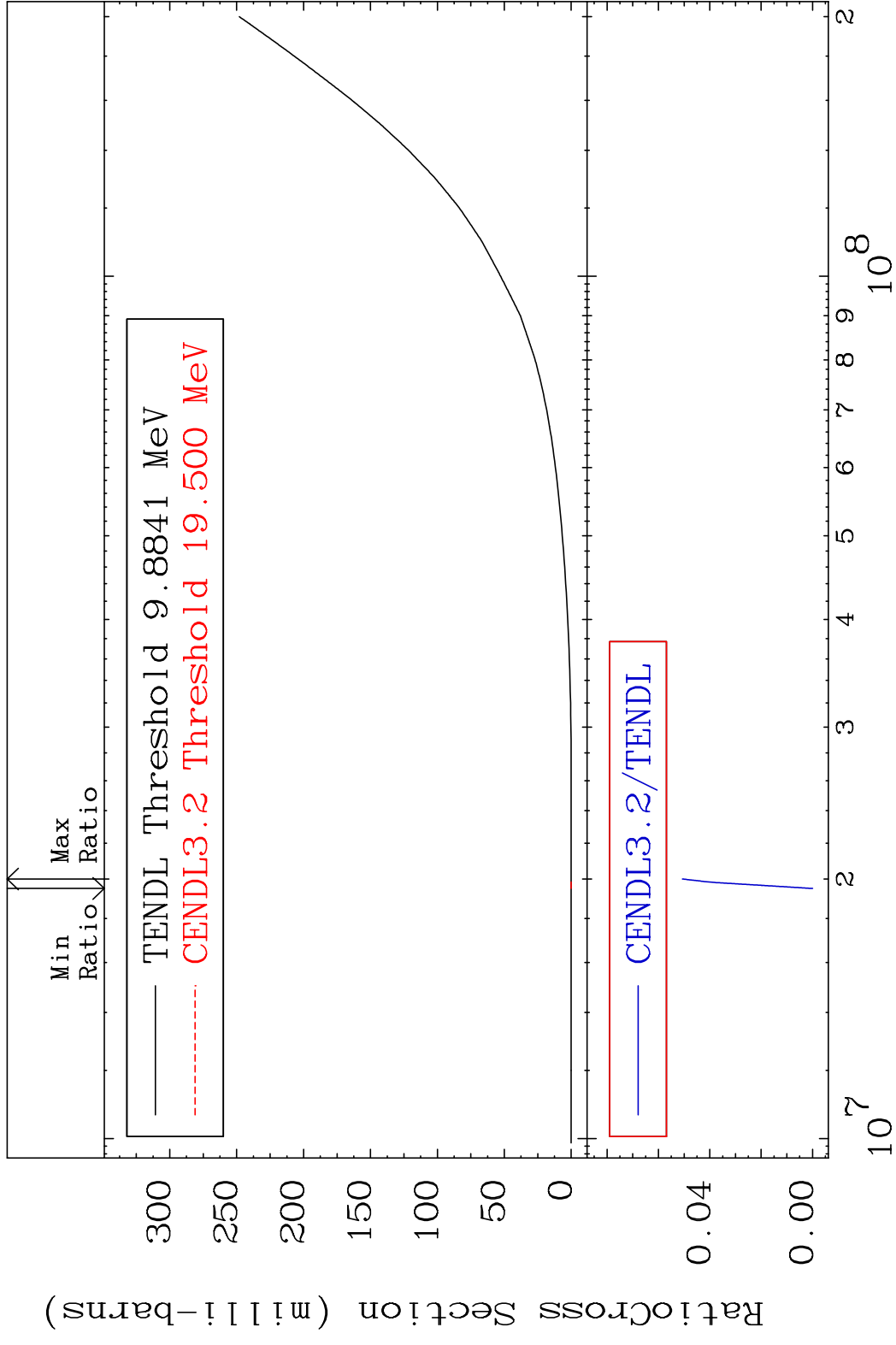
50-Sn-118

MAT 5043

He-3 Production

50-Sn-118

Cross Section -100.0 To -94.93%



32

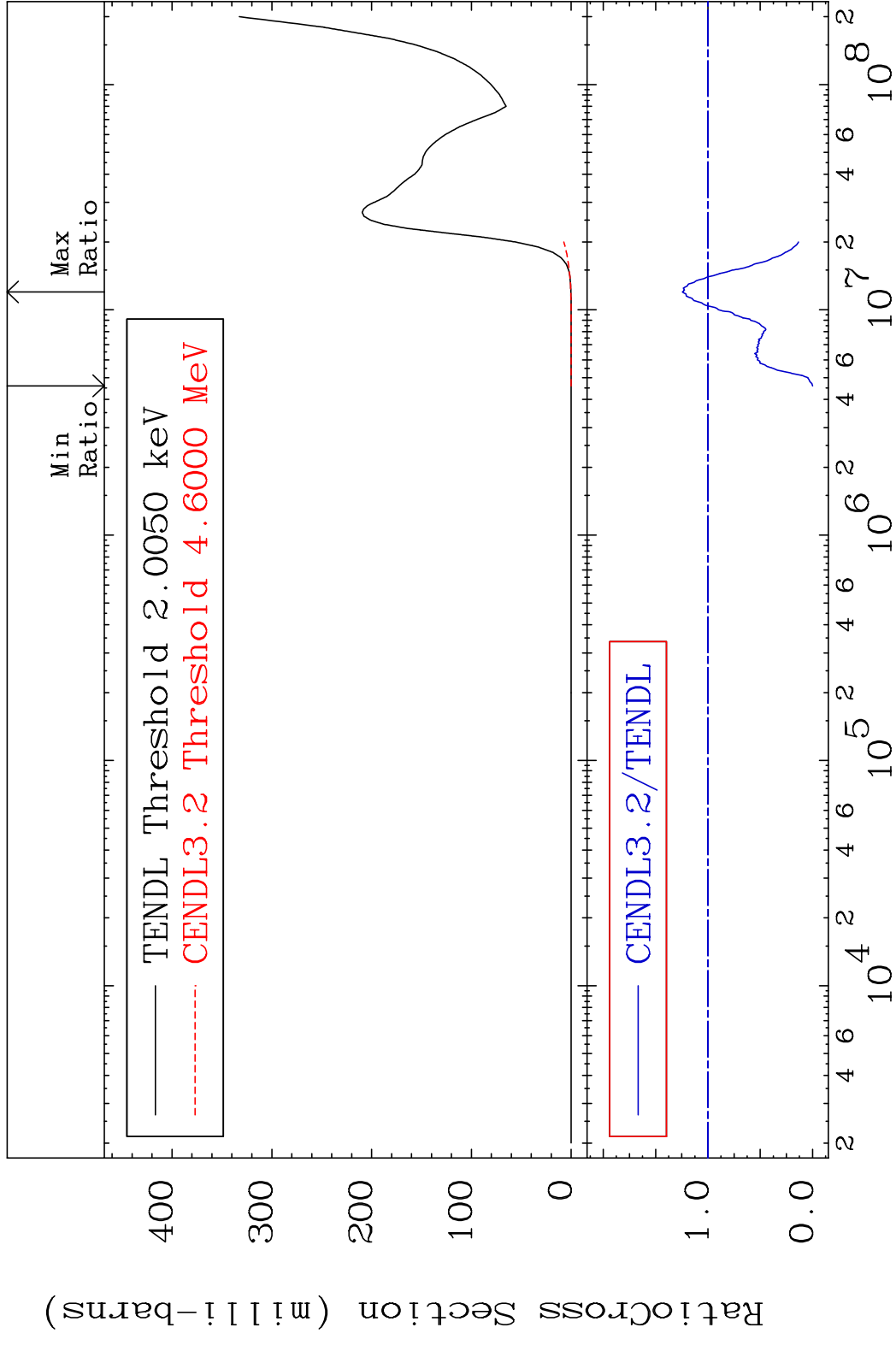
50-Sn-118

MAT 5043

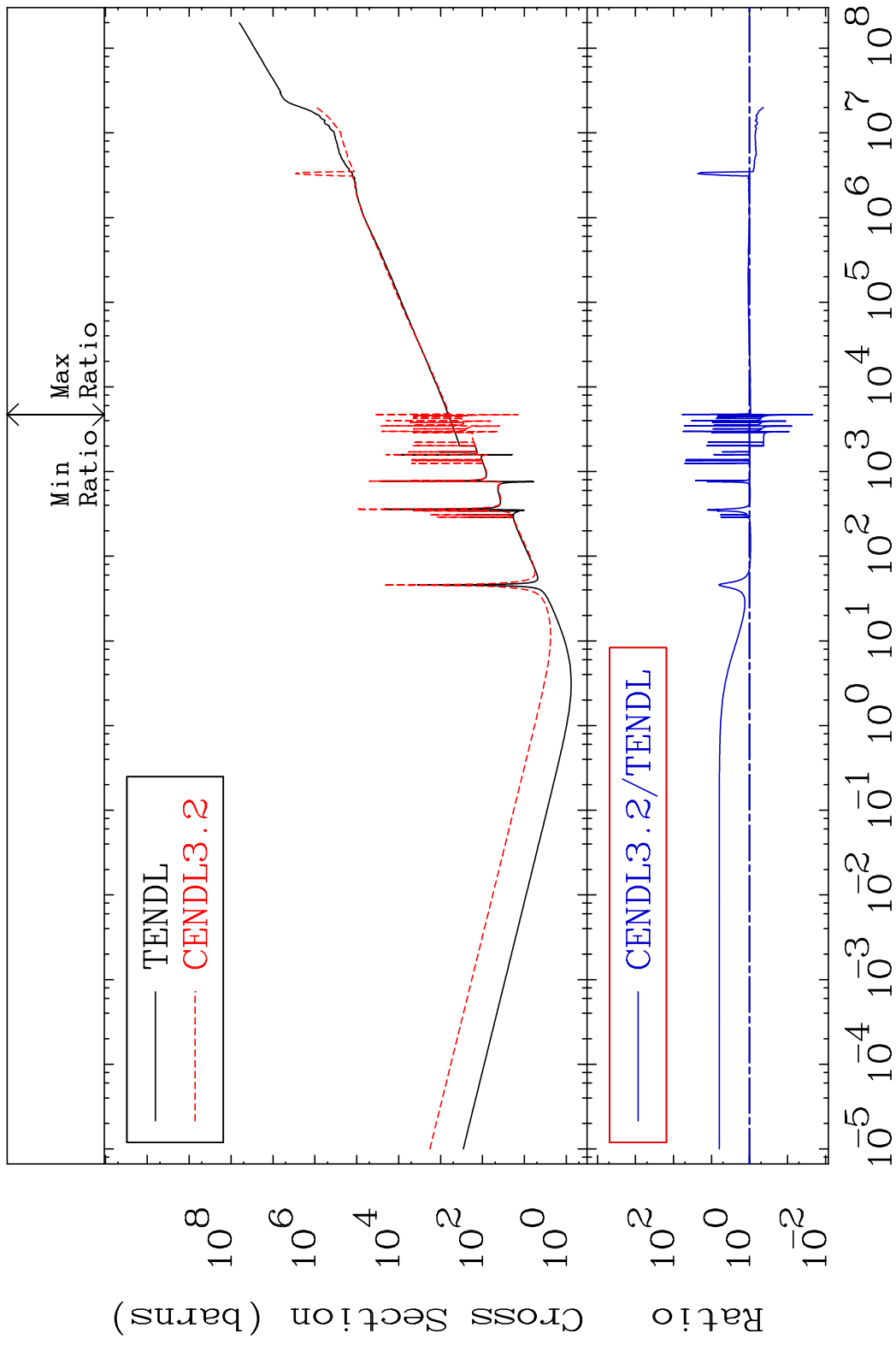
He-4 Production

50-Sn-118

Cross Section -100.0 To 24.43 %



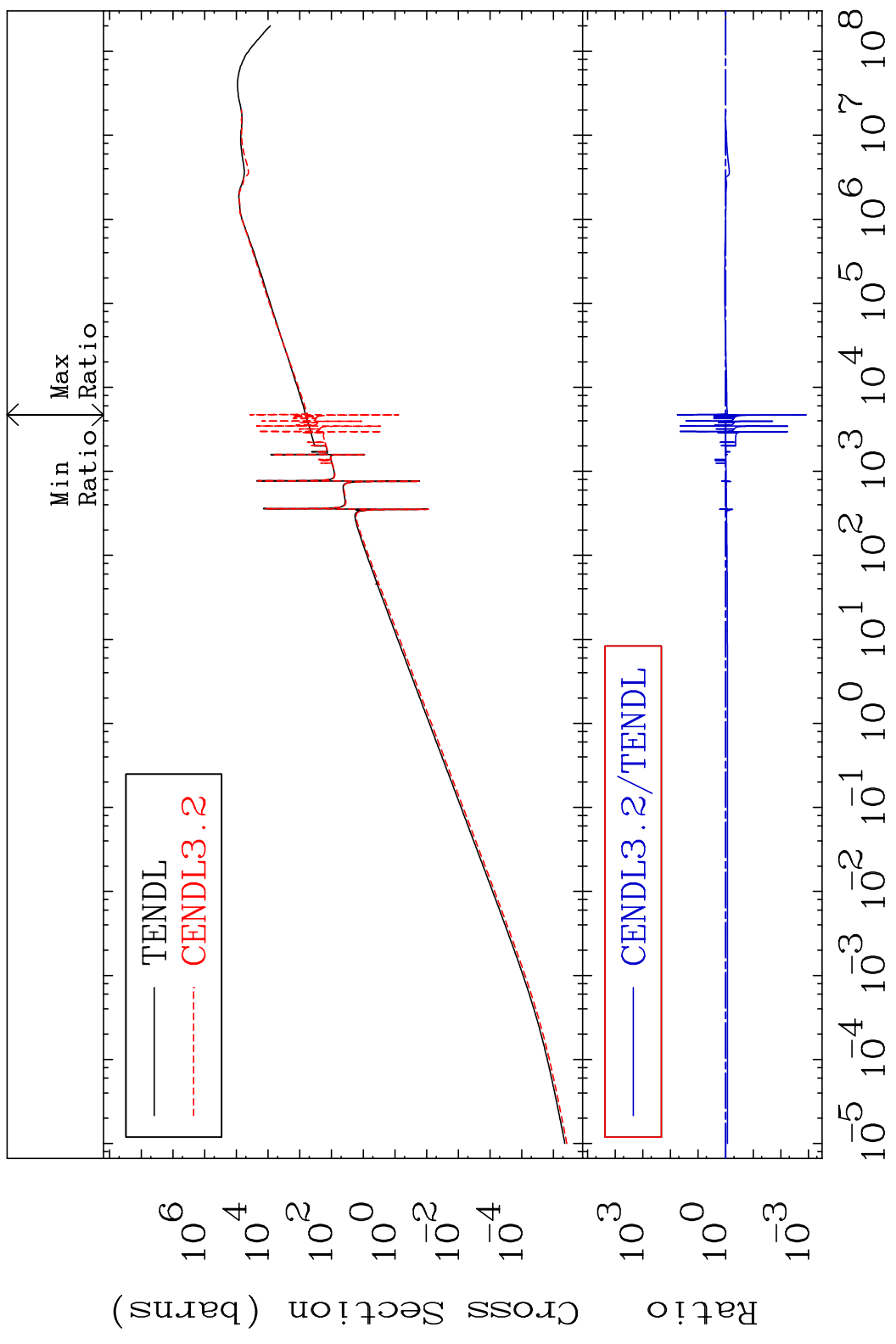
MAT 5043 Kerma total (eV-barns) 50-Sn-118
 Cross Section -97.81 To 5749. %



MAT 5043

Kerma elastic
Cross Section -99.88 To 5588. %

50-Sn-118

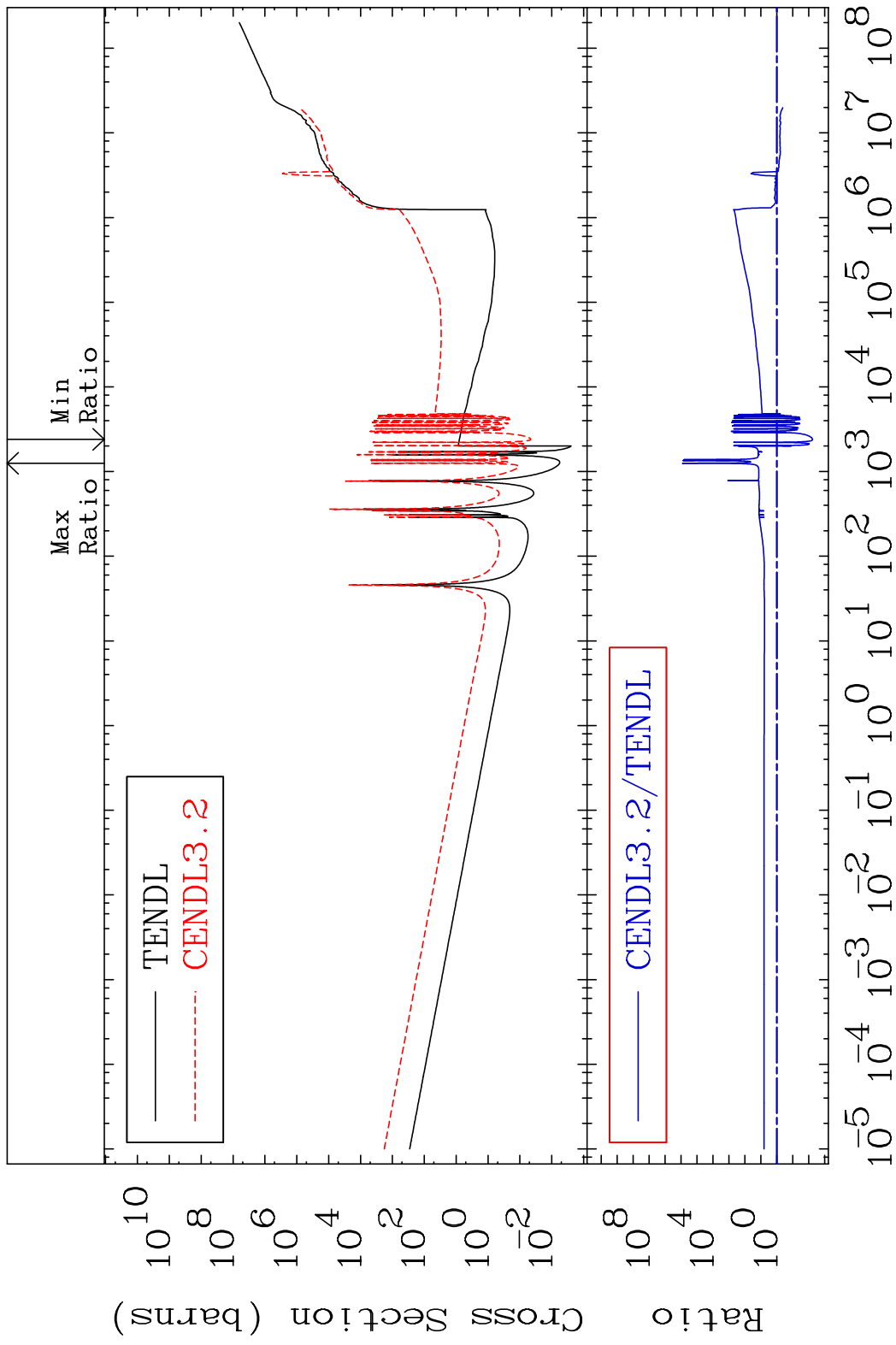


35

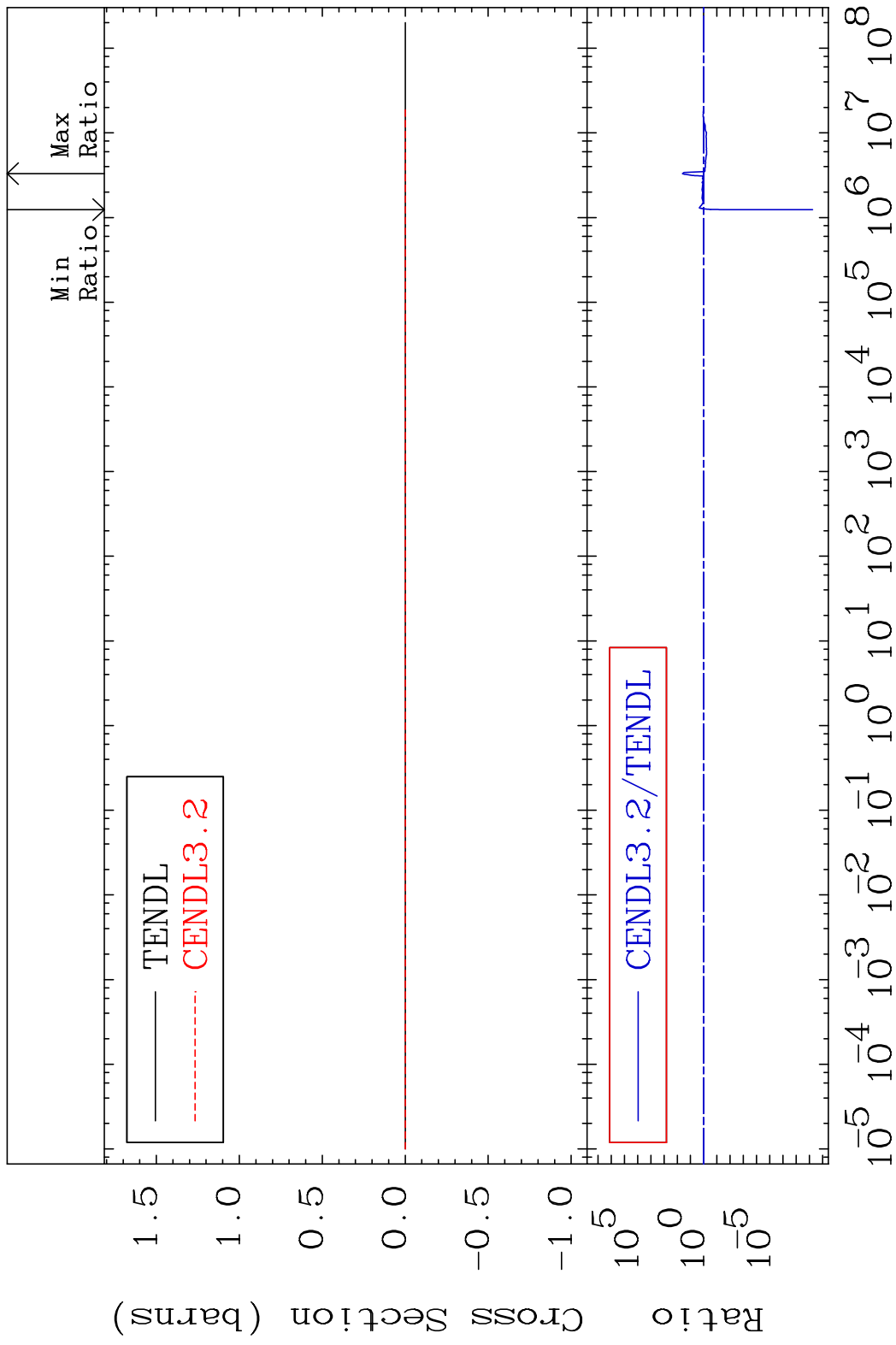
Incident Energy (eV)

50-Sn-118

MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118
 Cross Section -99.42 To 9999. %

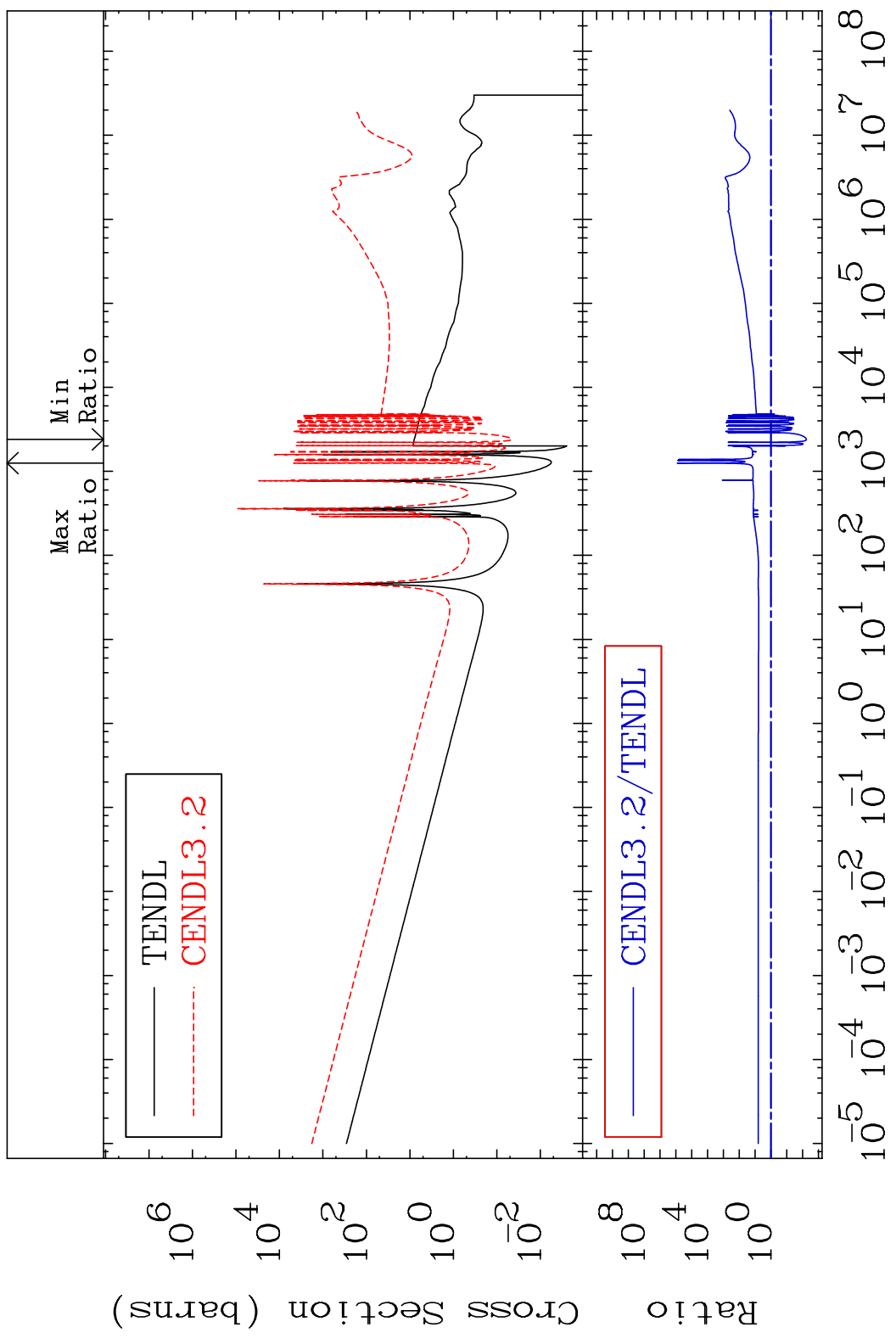


MAT 5043 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-118
 Cross Section -100.0 To 4016. %



MAT 5043

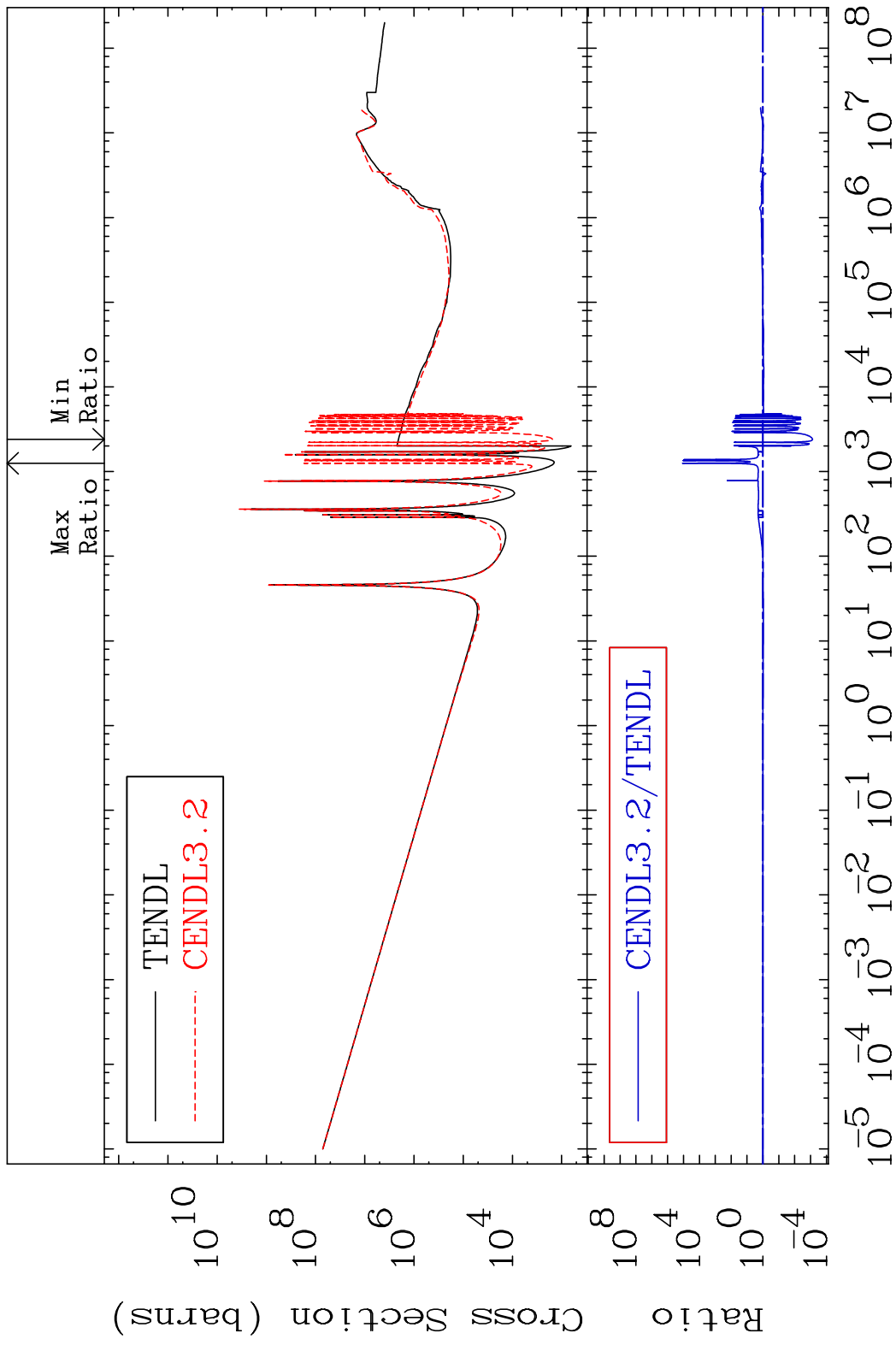
Kerma capture (mt102) 50-Sn-118
Cross Section -99.42 To 9999. %



39

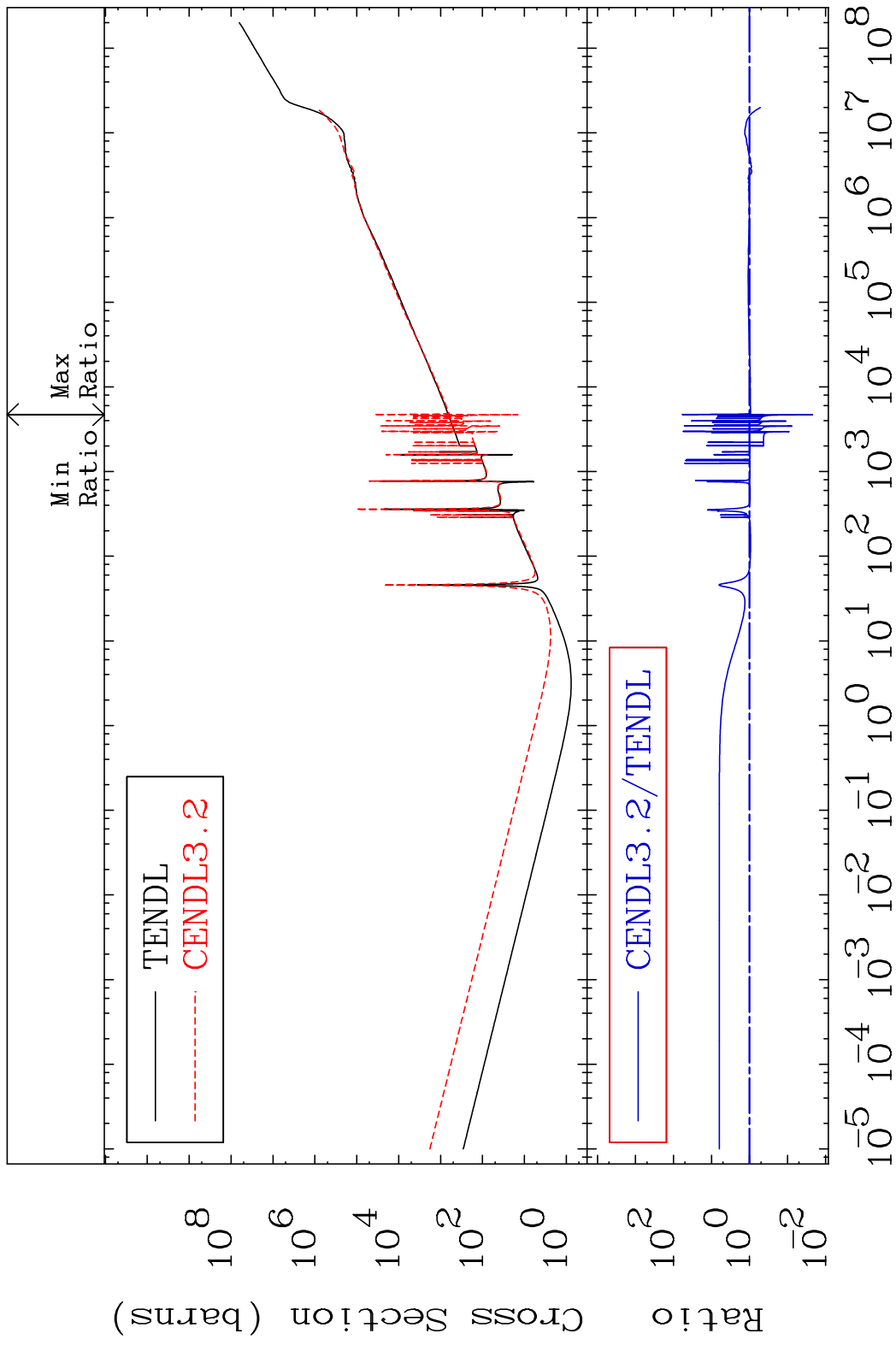
Incident Energy (eV) 50-Sn-118

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

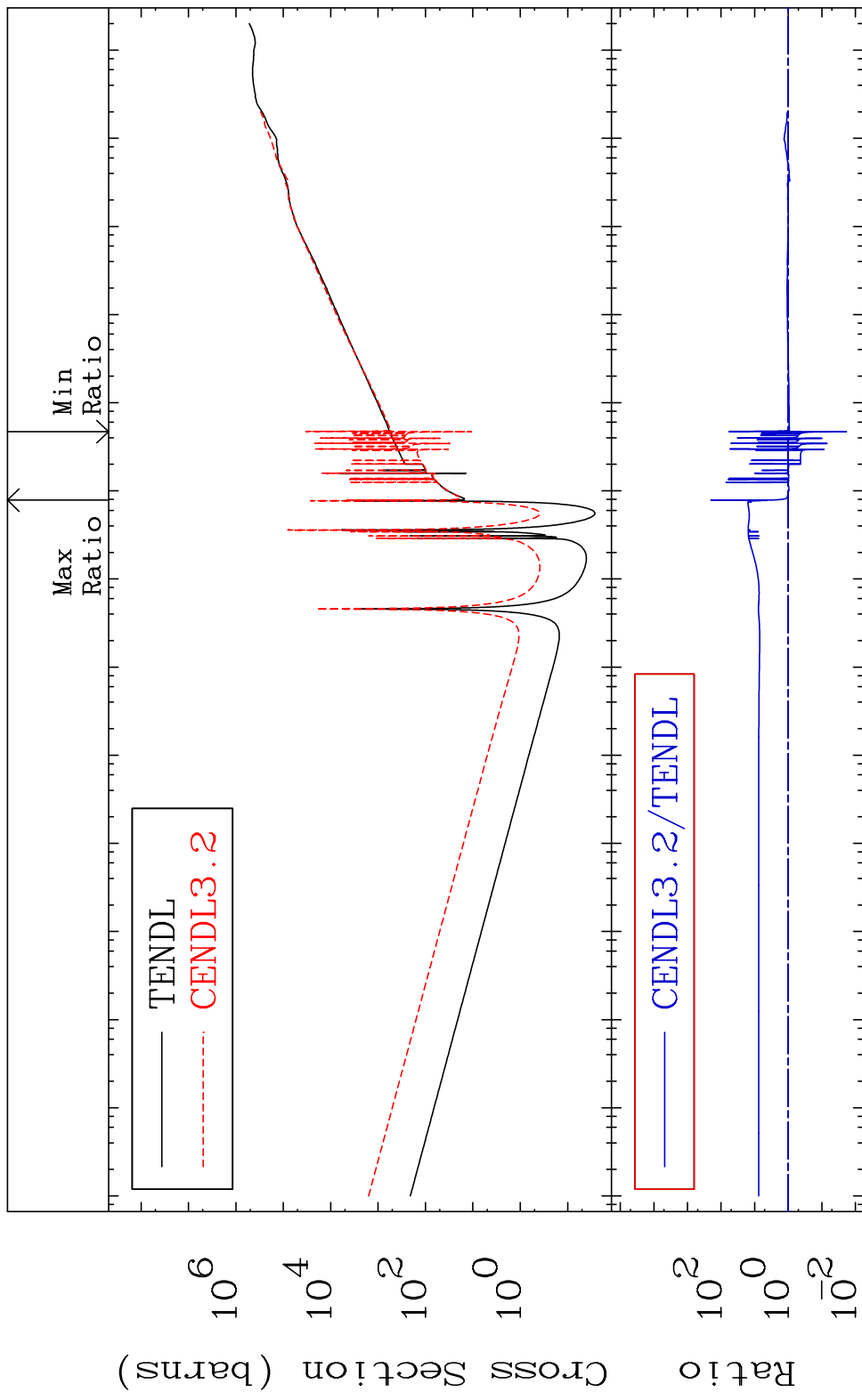


40 Incident Energy (eV) 50-Sn-118

MAT 5043 Total kinematic kerma (high limit) 50-Sn-118
 Cross Section -97.81 To 5749. %



MAT 5043 Dpa total (eV-barns) 50-Sn-118
 Cross Section -98.14 To 9999. %

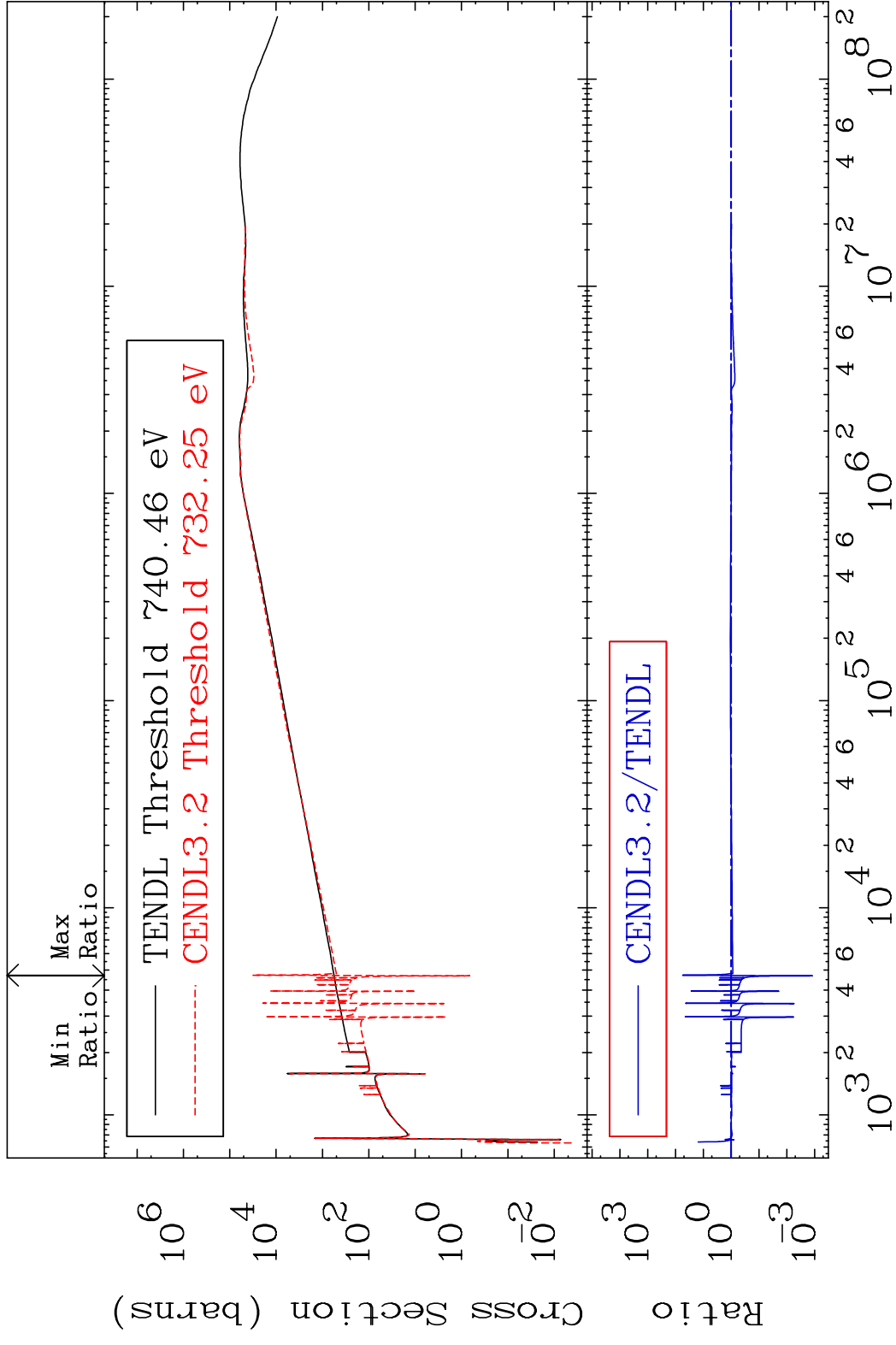


MAT 5043

Dpa elastic (mt2)

50-Sn-118

Cross Section -99.88 To 5607. %

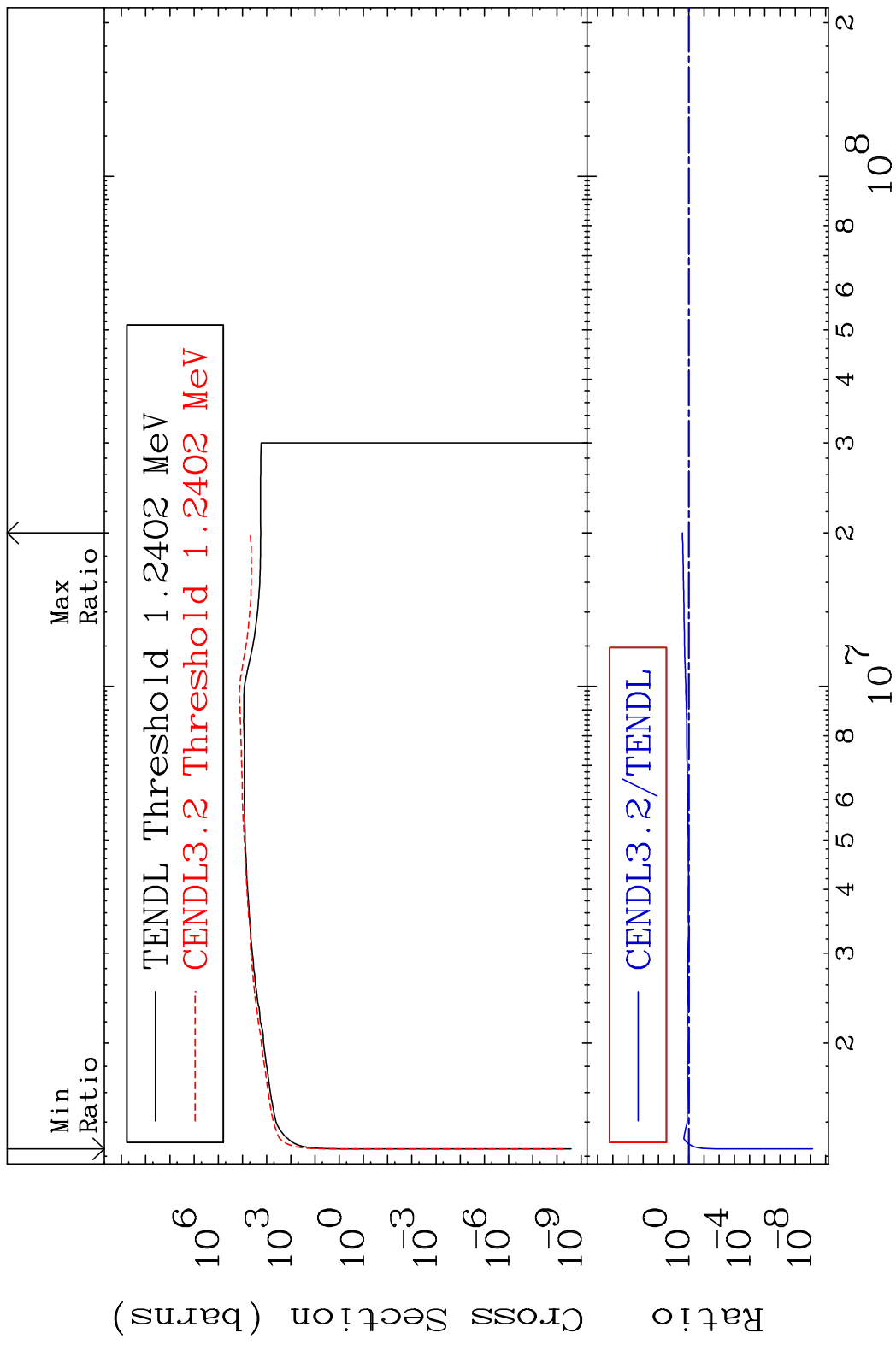


43

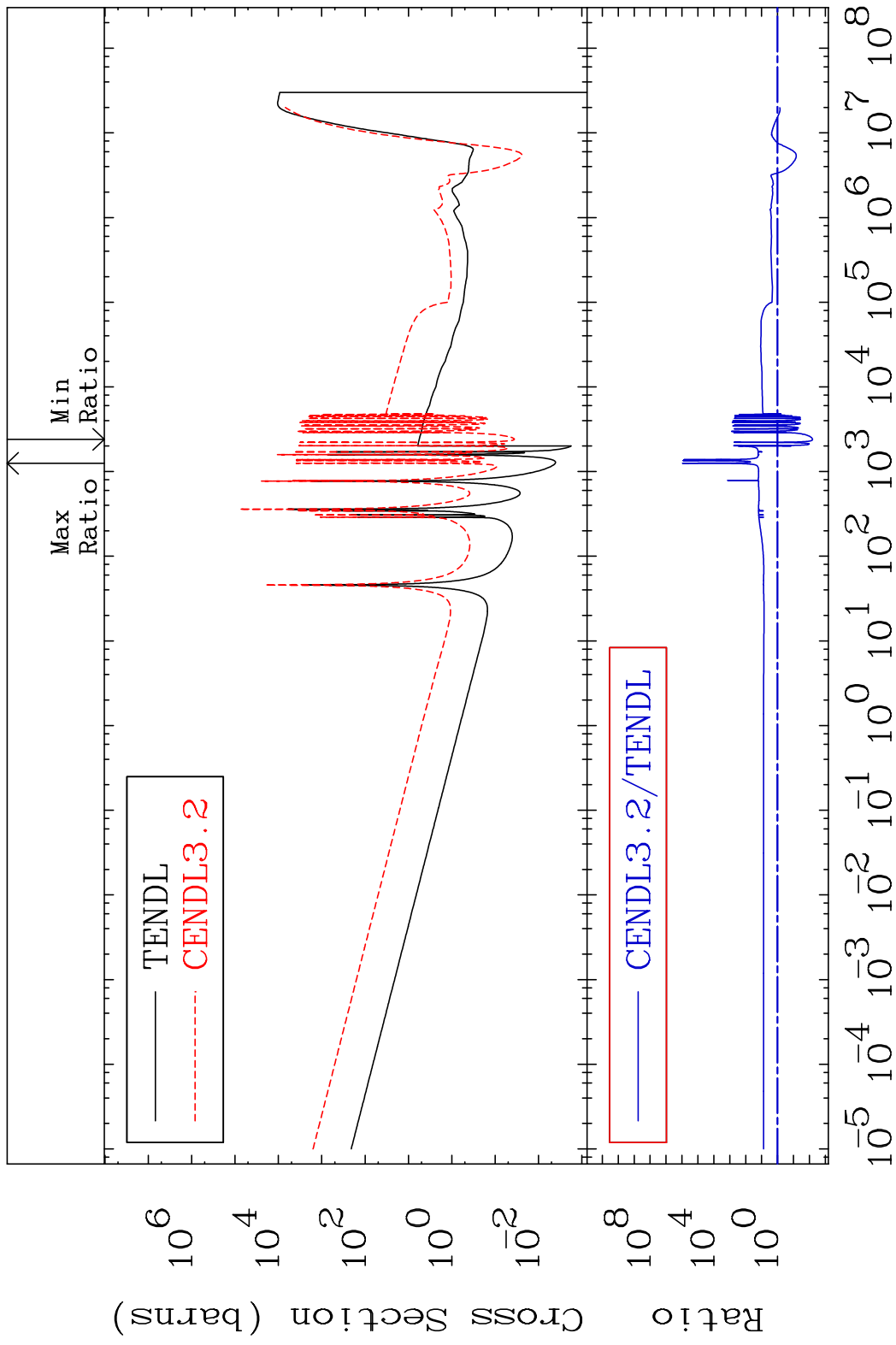
Incident Energy (eV)

50-Sn-118

MAT 5043 Dpa inelastic (mt51-91) 50-Sn-118
 Cross Section -100.0 To 165.8 %

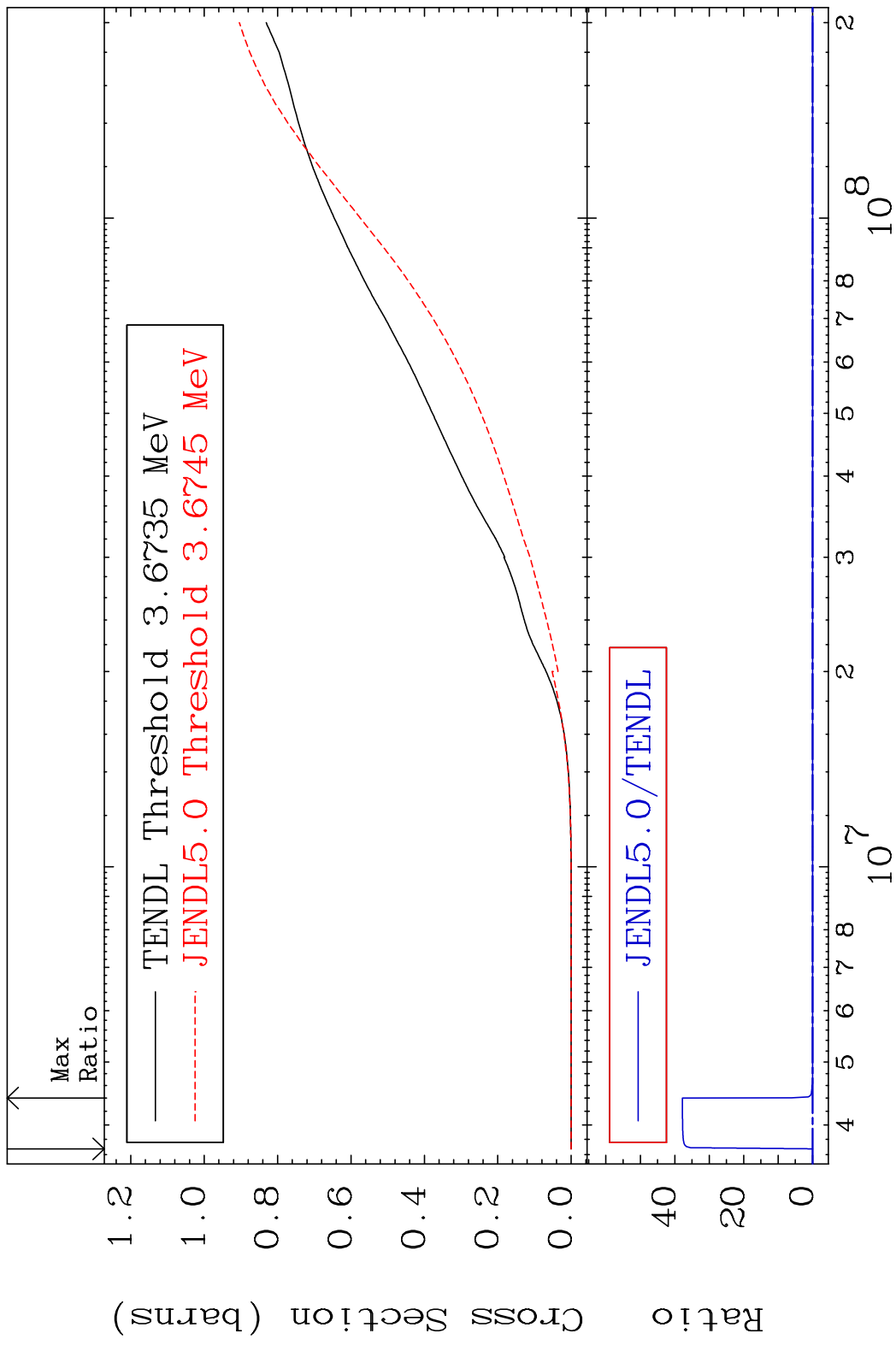


MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118
 Cross Section -99.36 To 9999. %

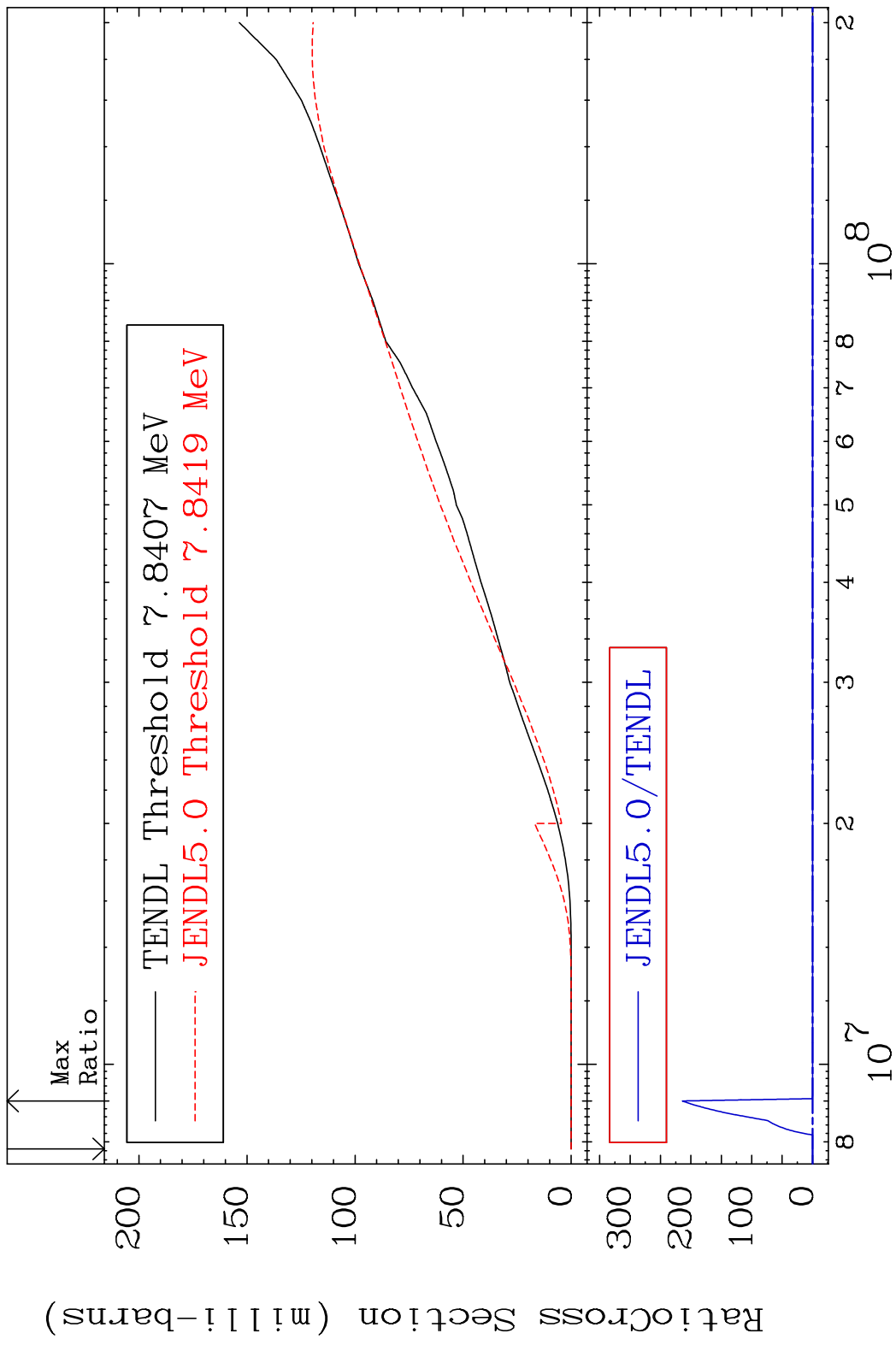


45 Incident Energy (eV) 50-Sn-118

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

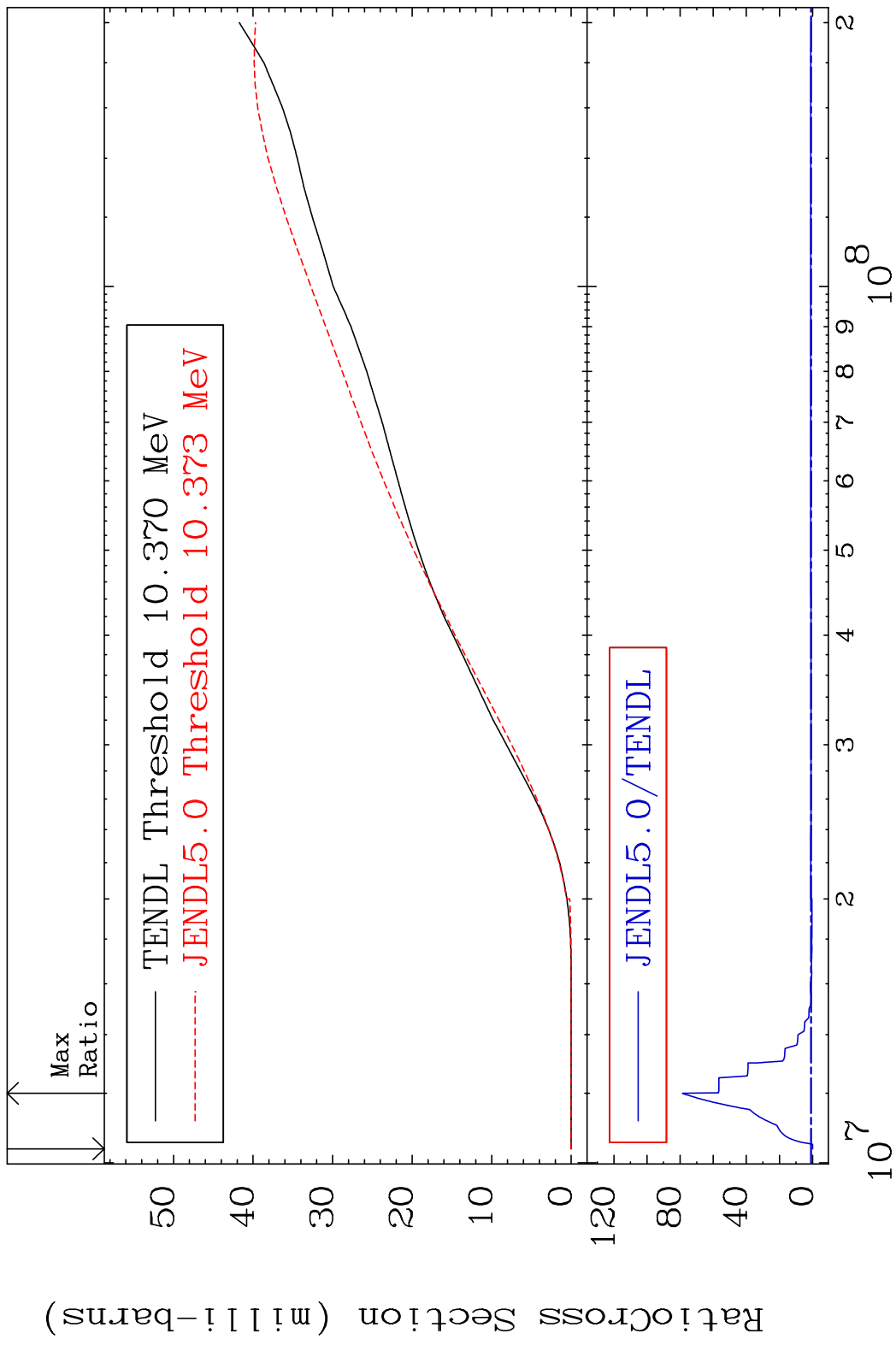


MAT 5043 Deuterium Production 50-Sn-118
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 50-Sn-118

MAT 5043 Tritium Production 50-Sn-118
 Cross Section -100.0 To 7764. %



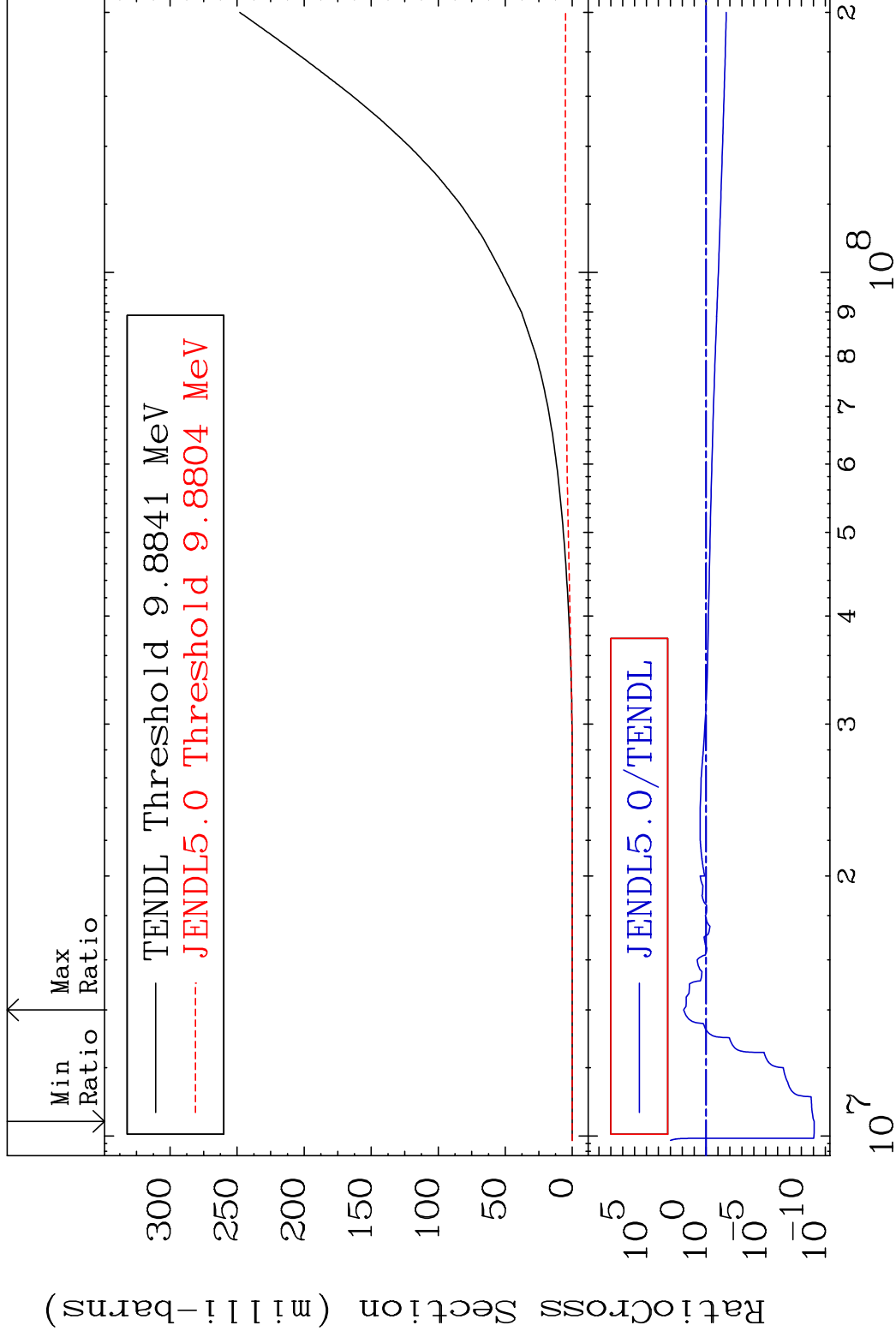
48 Incident Energy (eV) 50-Sn-118

MAT 5043

He-3 Production

50-Sn-118

Cross Section -100.0 To 7534. %



49

Incident Energy (eV)

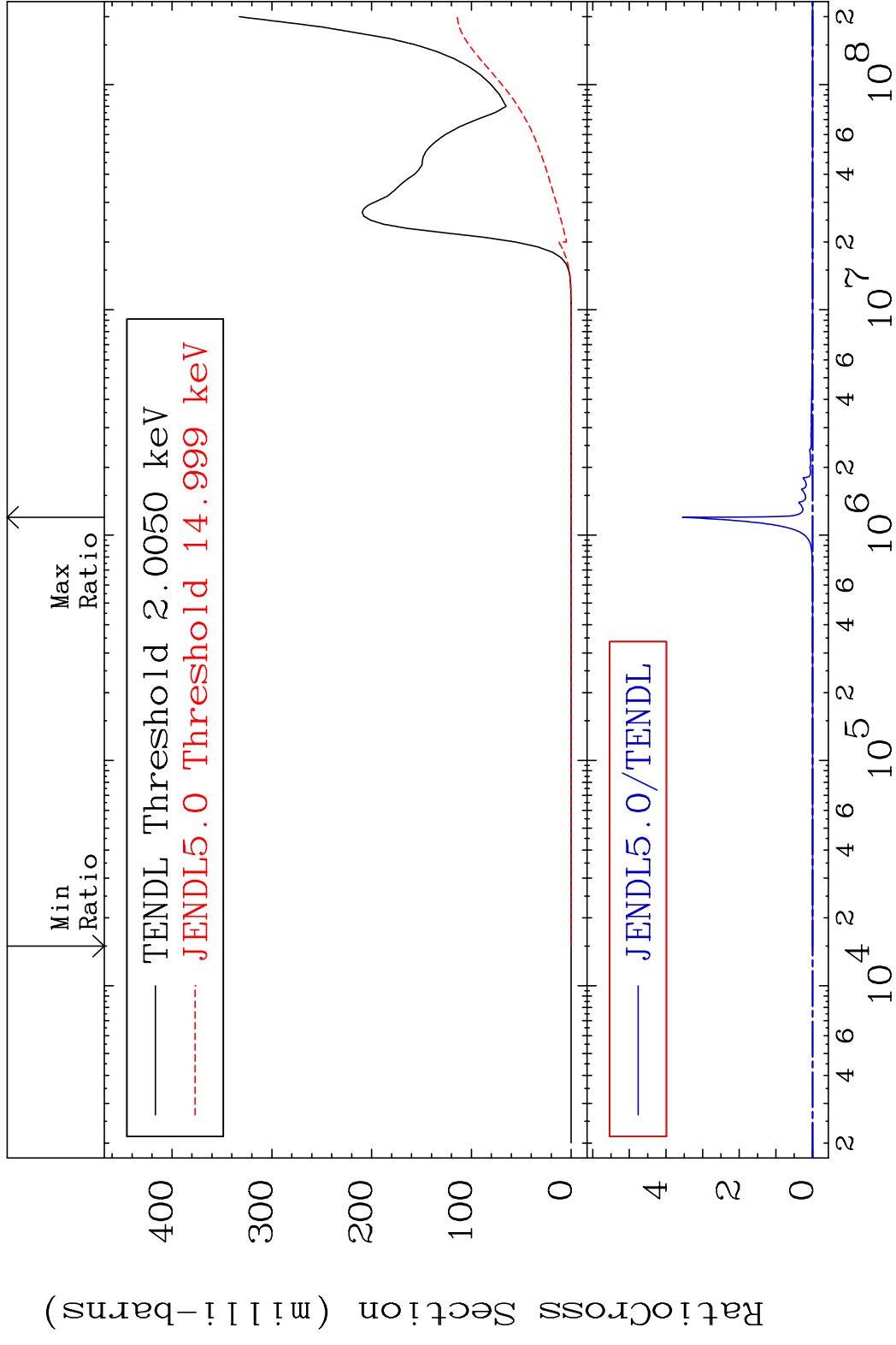
50-Sn-118

MAT 5043

He-4 Production

50-Sn-118

Cross Section -100.0 To 9999. %

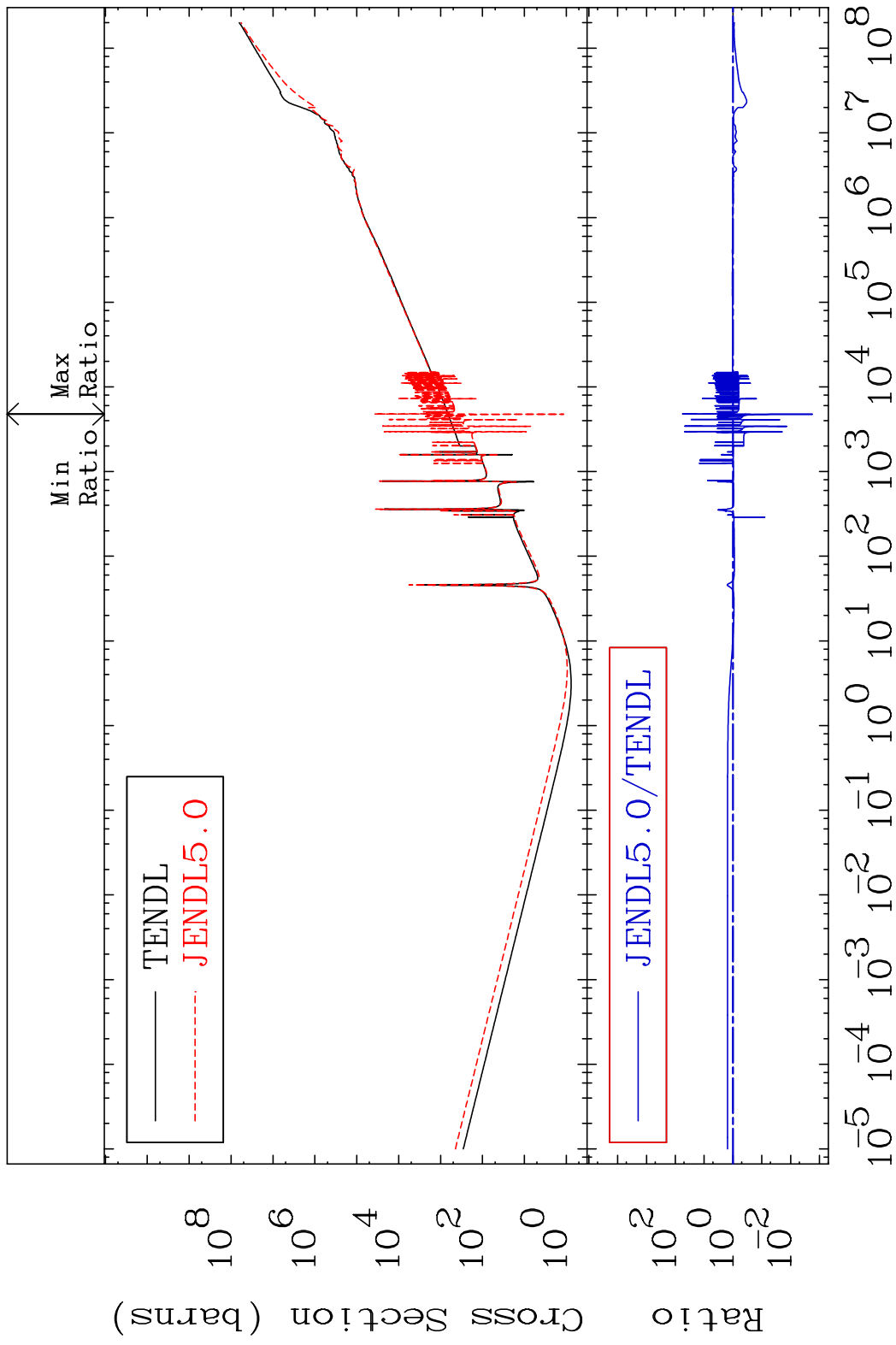


50

Incident Energy (eV)

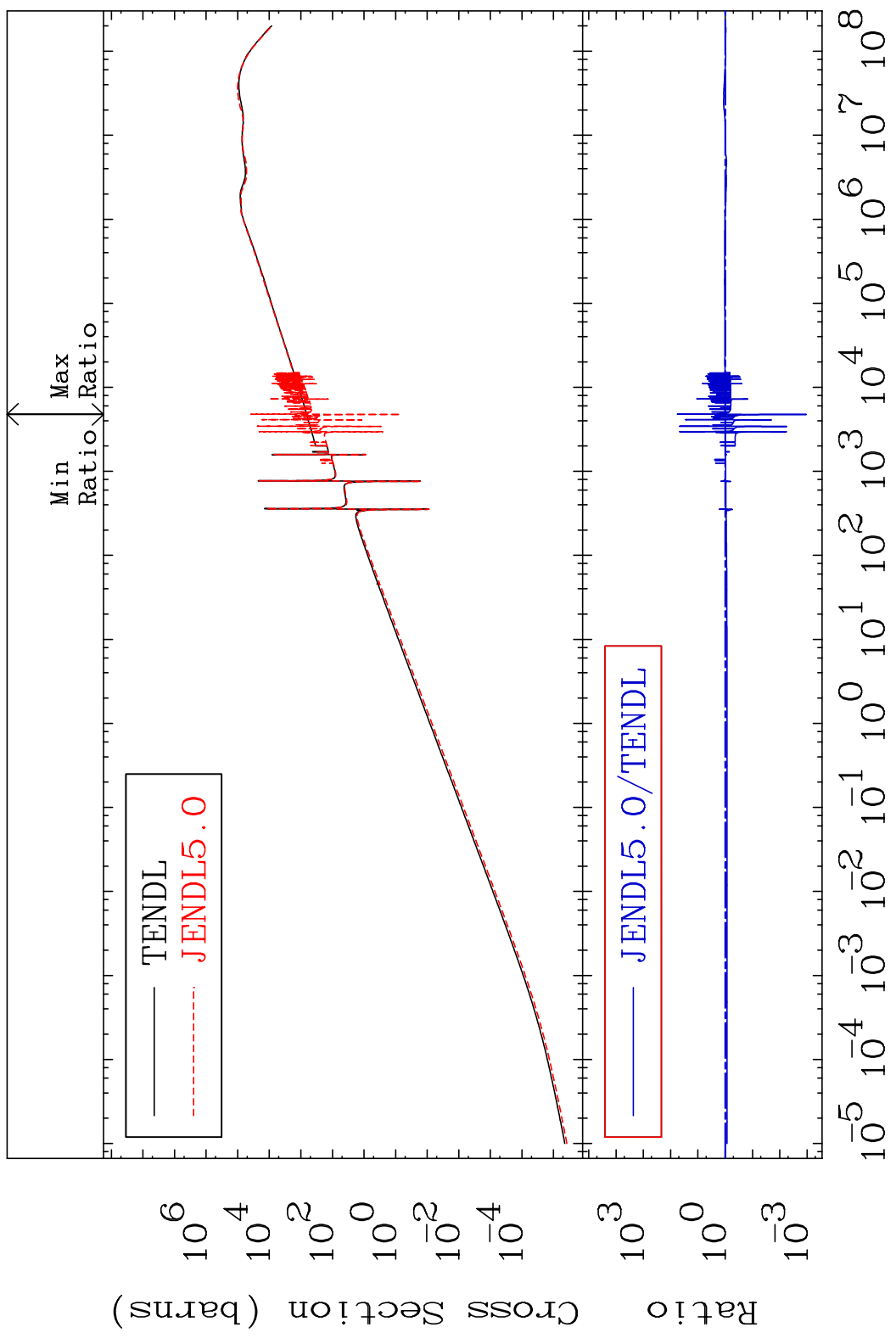
50-Sn-118

MAT 5043 Kerma total (eV-barns) 50-Sn-118
 Cross Section -99.83 To 5601. %

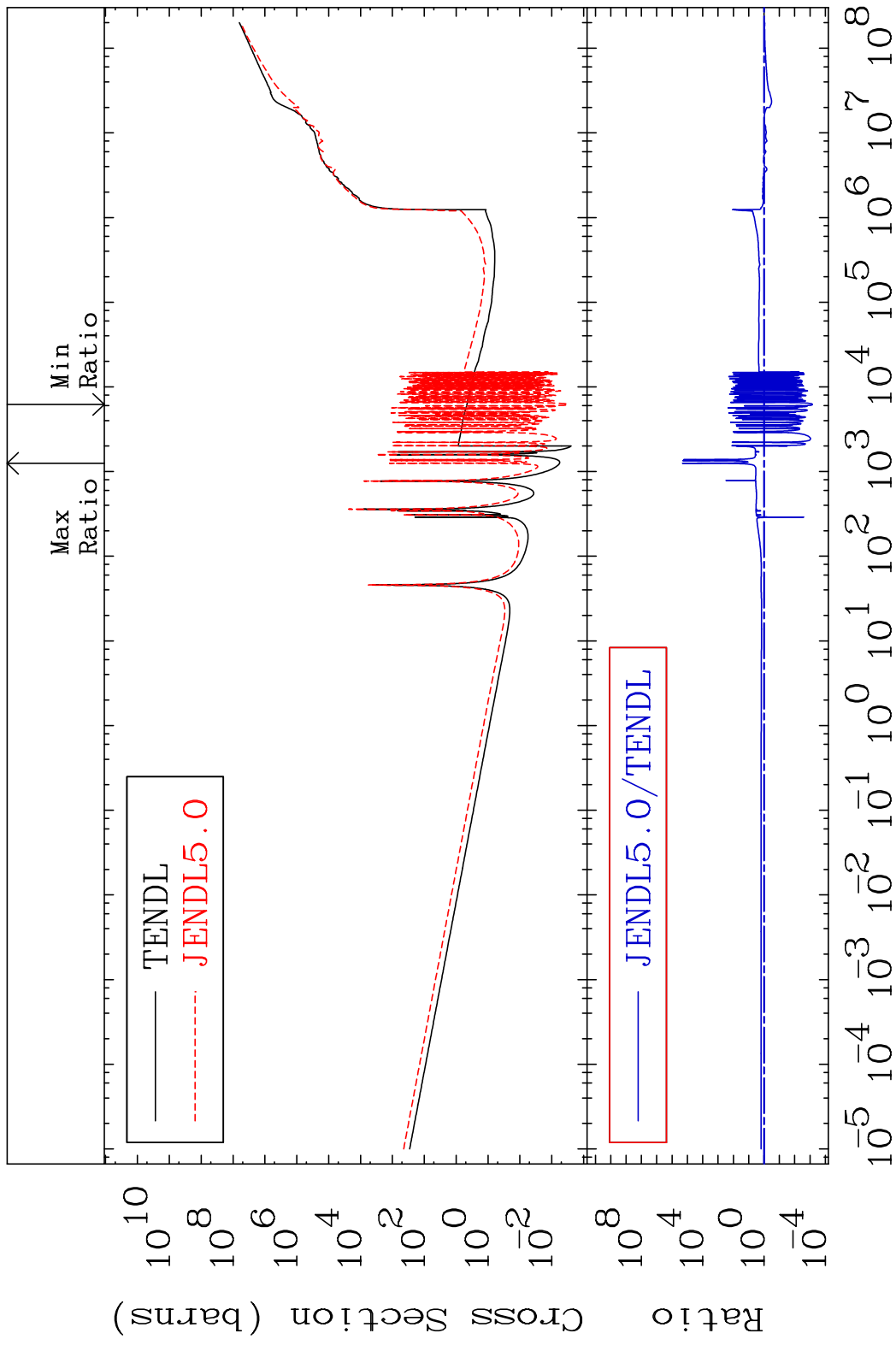


MAT 5043

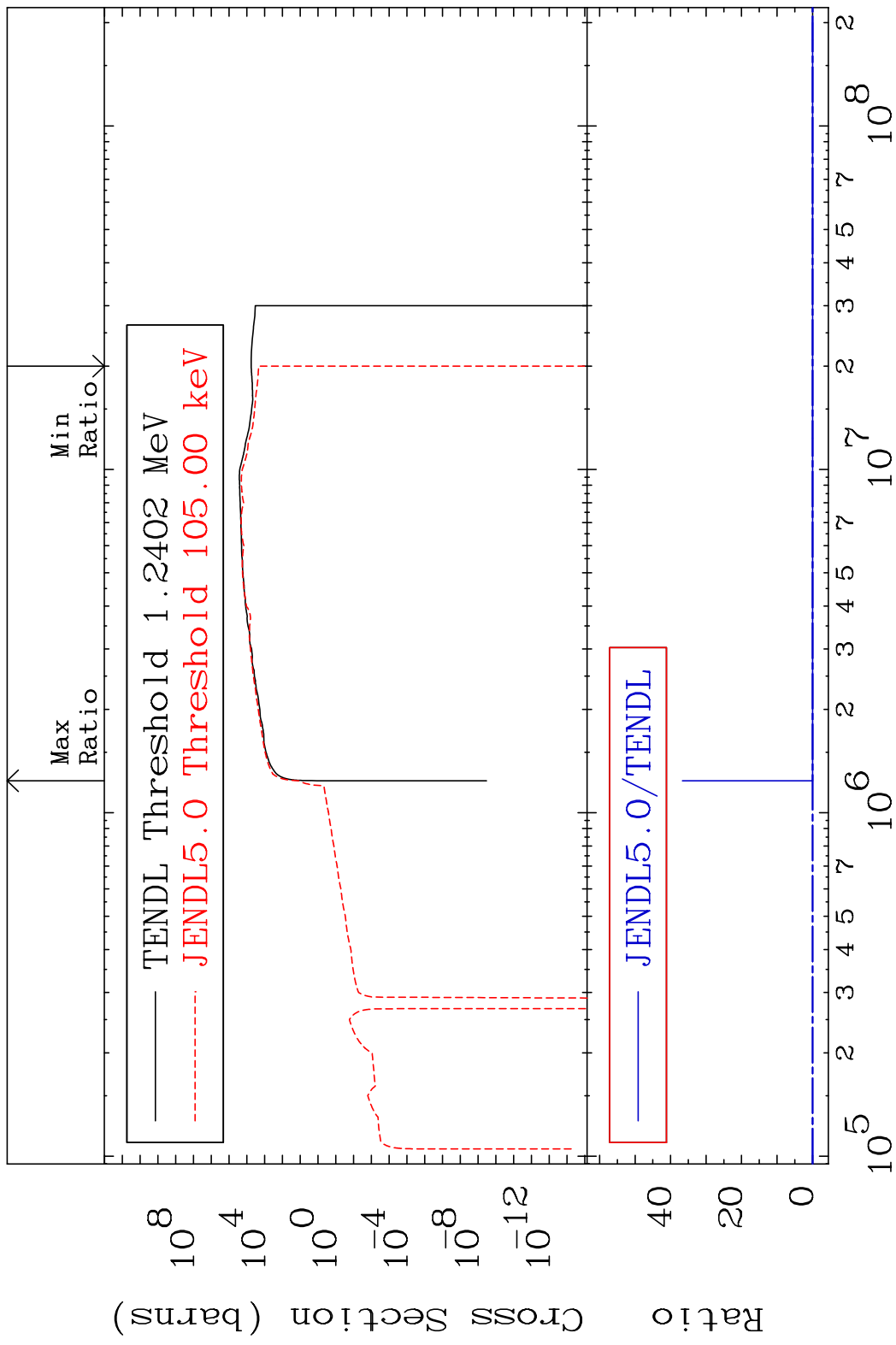
Kerma elastic Cross Section -99.89 To 5642. %
50-Sn-118



MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118
 Cross Section -99.93 To 9999. %

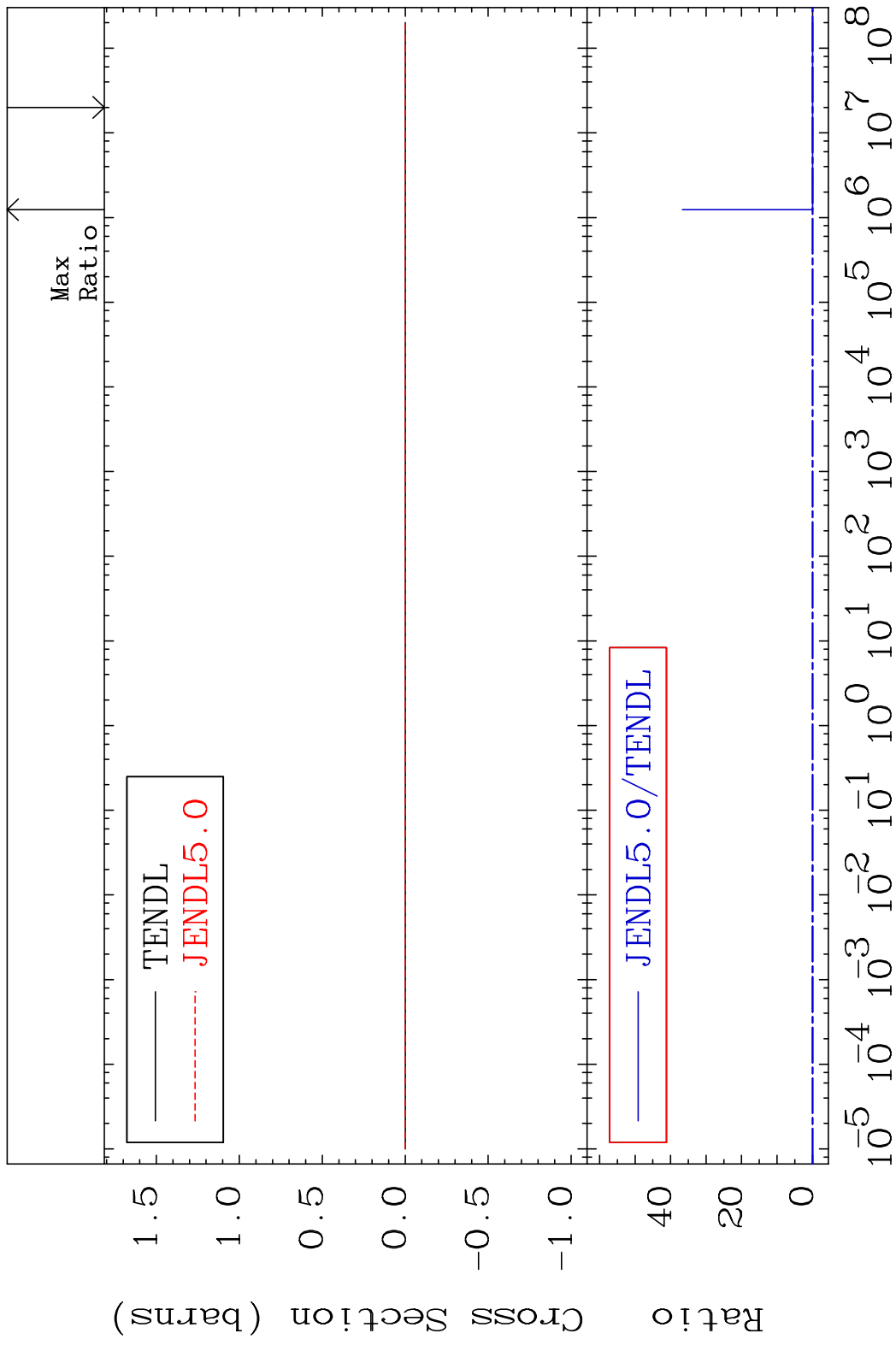


MAT 5043 Kerma inelastic (mt51-91) 50-Sn-118
 Cross Section -100.0 To 9999. %



54 Incident Energy (eV) 50-Sn-118

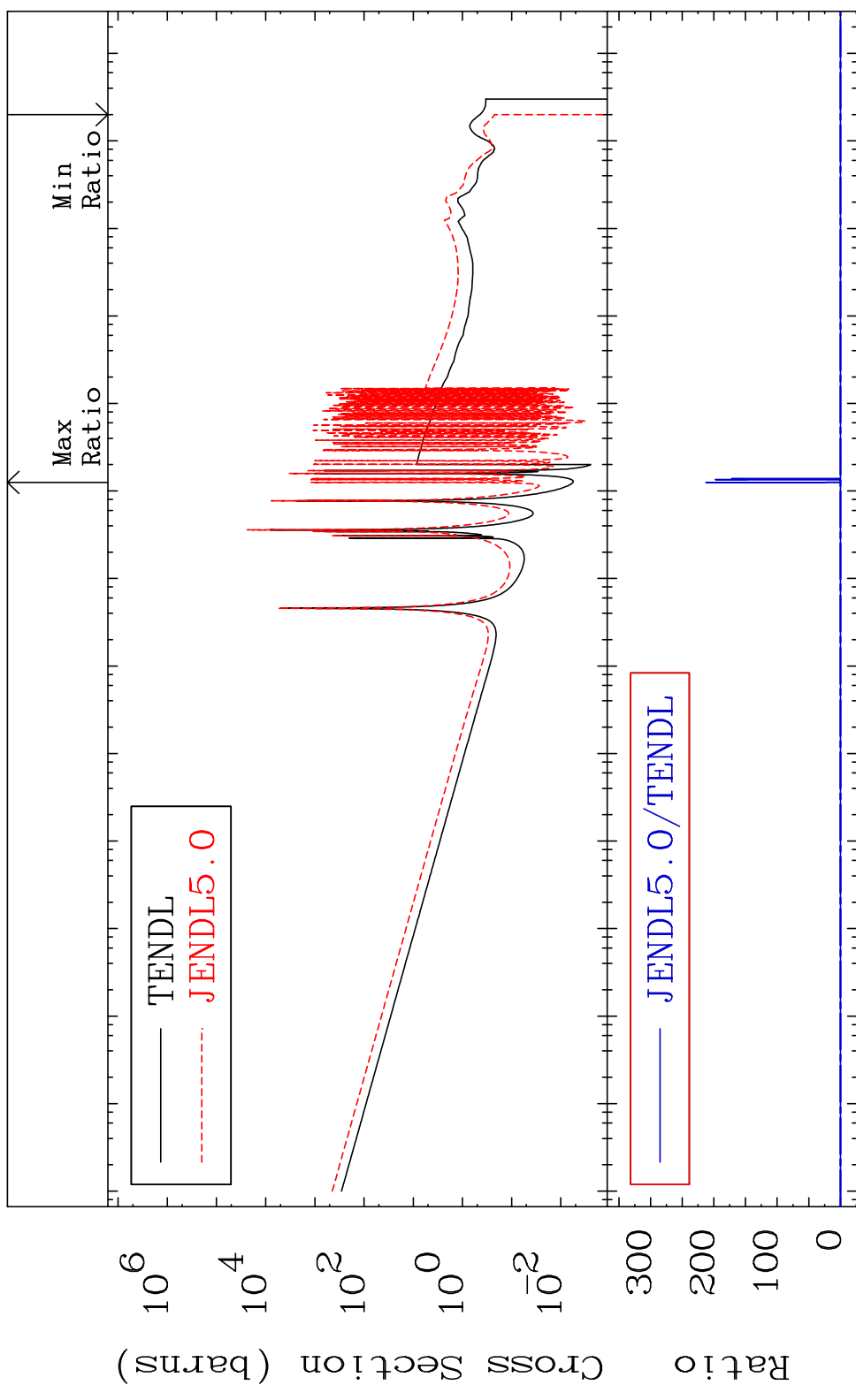
MAT 5043 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-118
 Cross Section -100.0 To 9999. %



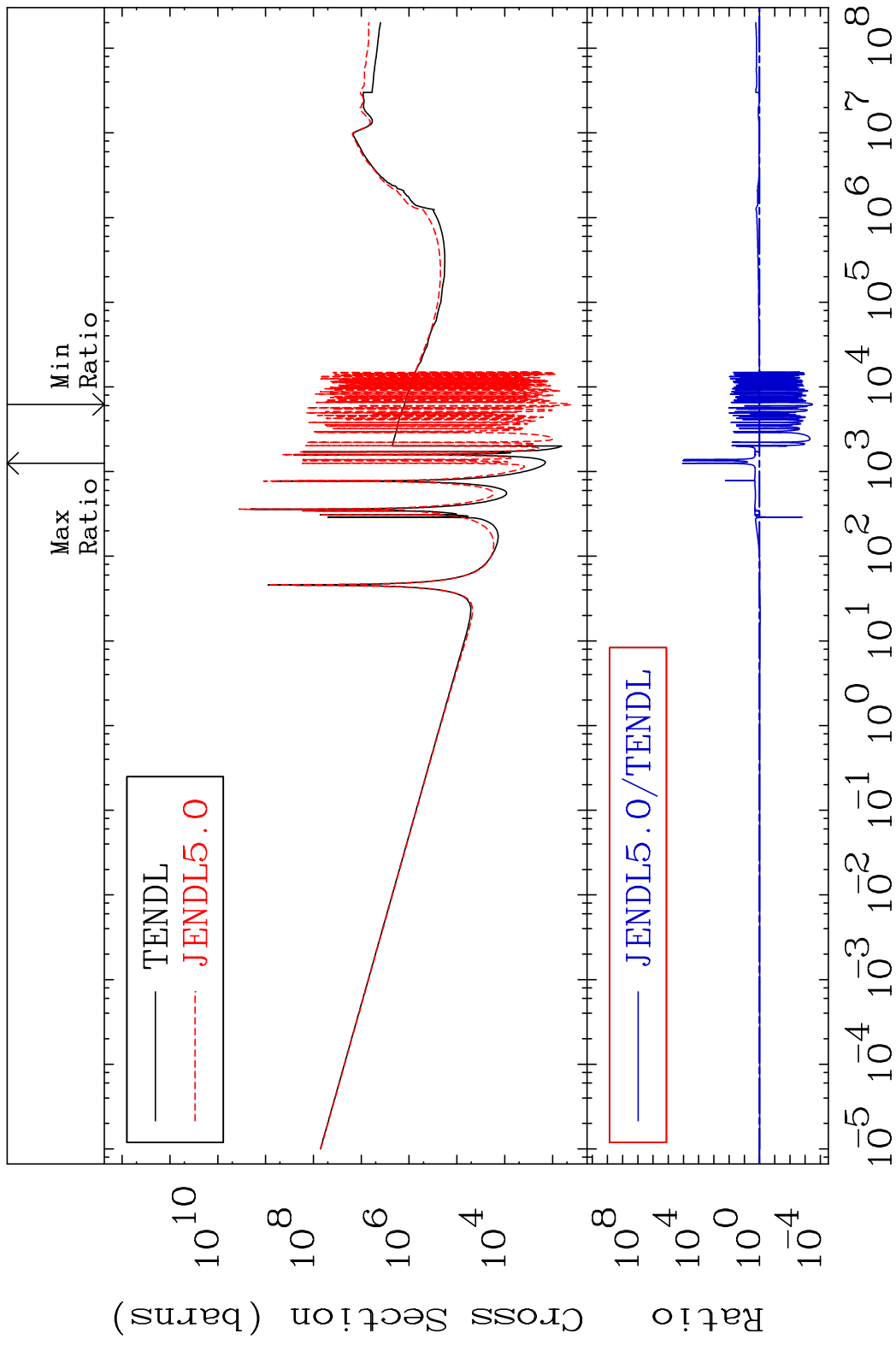
MAT 5043

Kerma capture (mt102) 50-Sn-118

Cross Section -100.0 To 9999. %

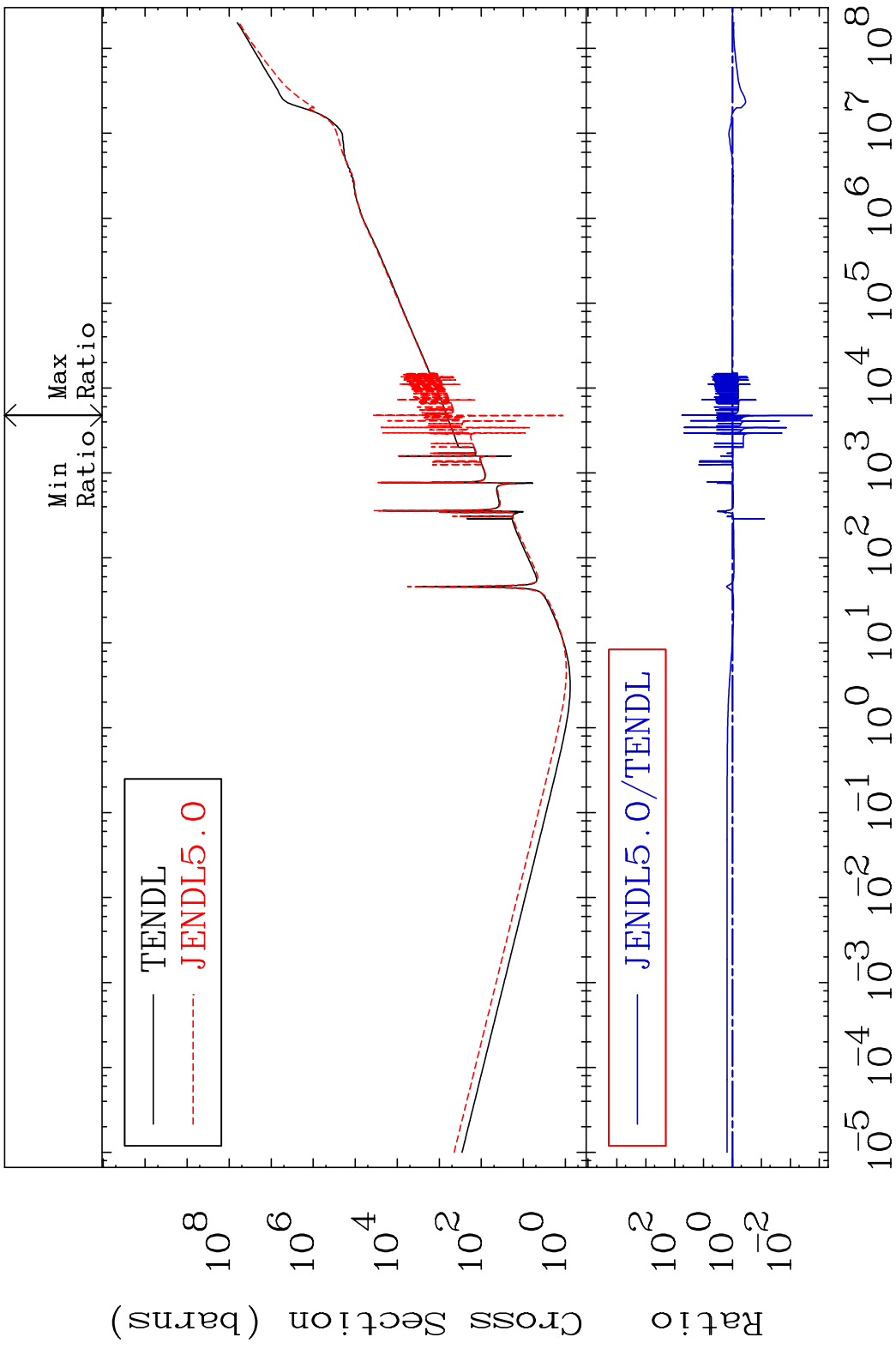


MAT 5043 Total photon (eV-barns) 50-Sn-118
 Cross Section -99.97 To 9999. %



57 Incident Energy (eV) 50-Sn-118

MAT 5043 Total kinematic kerma (high limit) 50-Sn-118
 Cross Section -99.83 To 5601. %

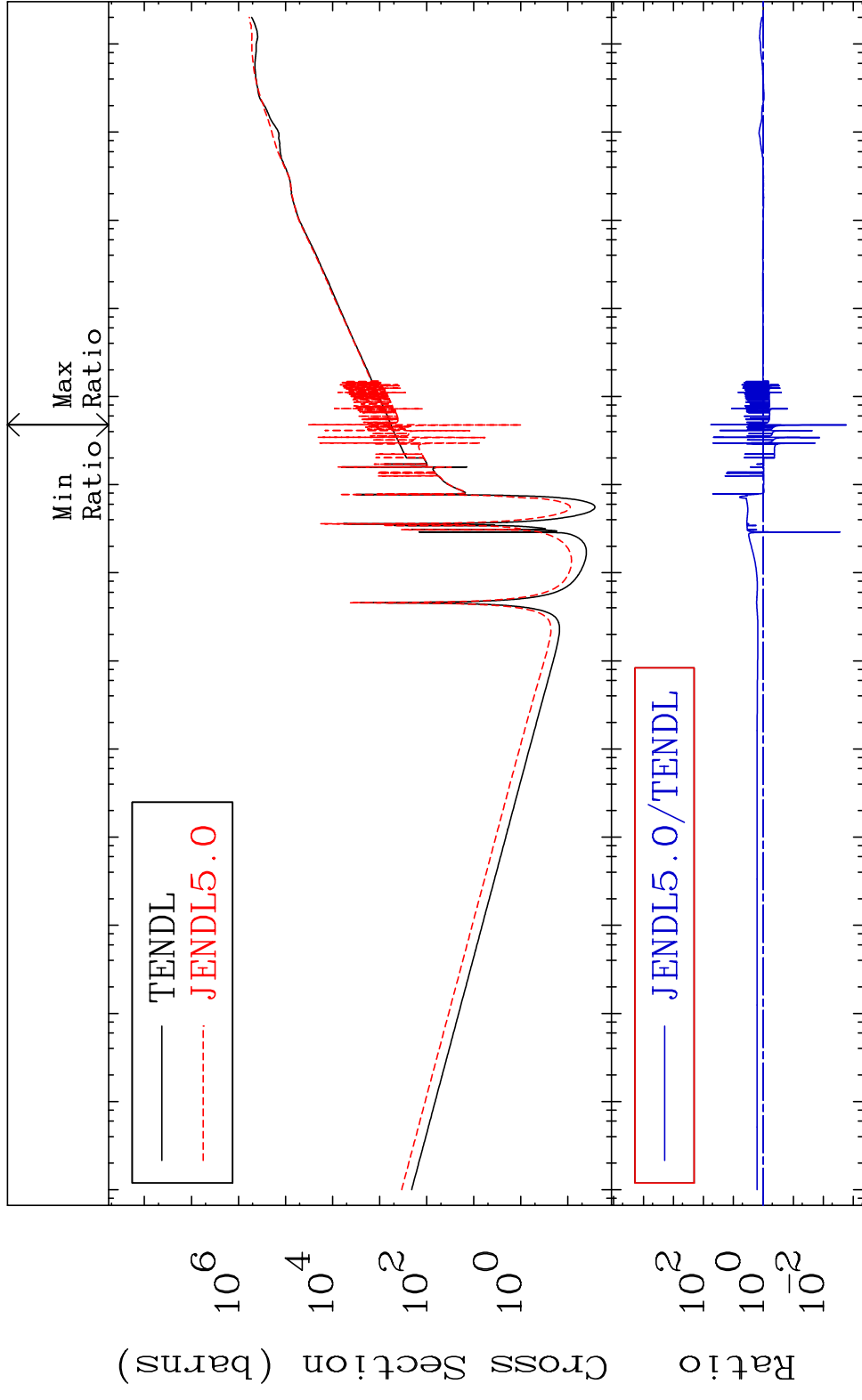


MAT 5043

Dpa total (eV-barns)

50-Sn-118

Cross Section -99.83 To 5634. %

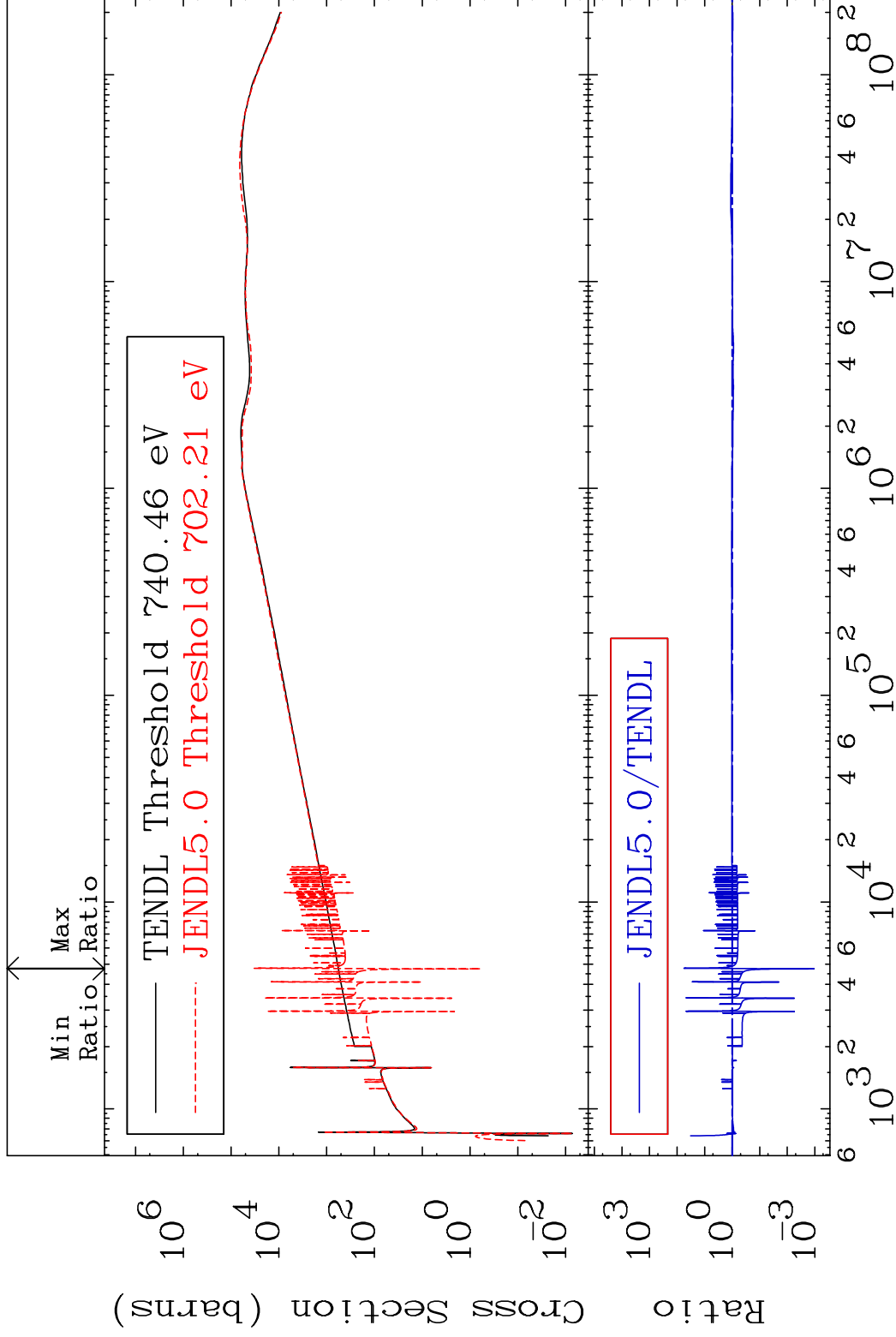


MAT 5043

Dpa elastic (mt2)

50-Sn-118

Cross Section -99.89 To 5668. %

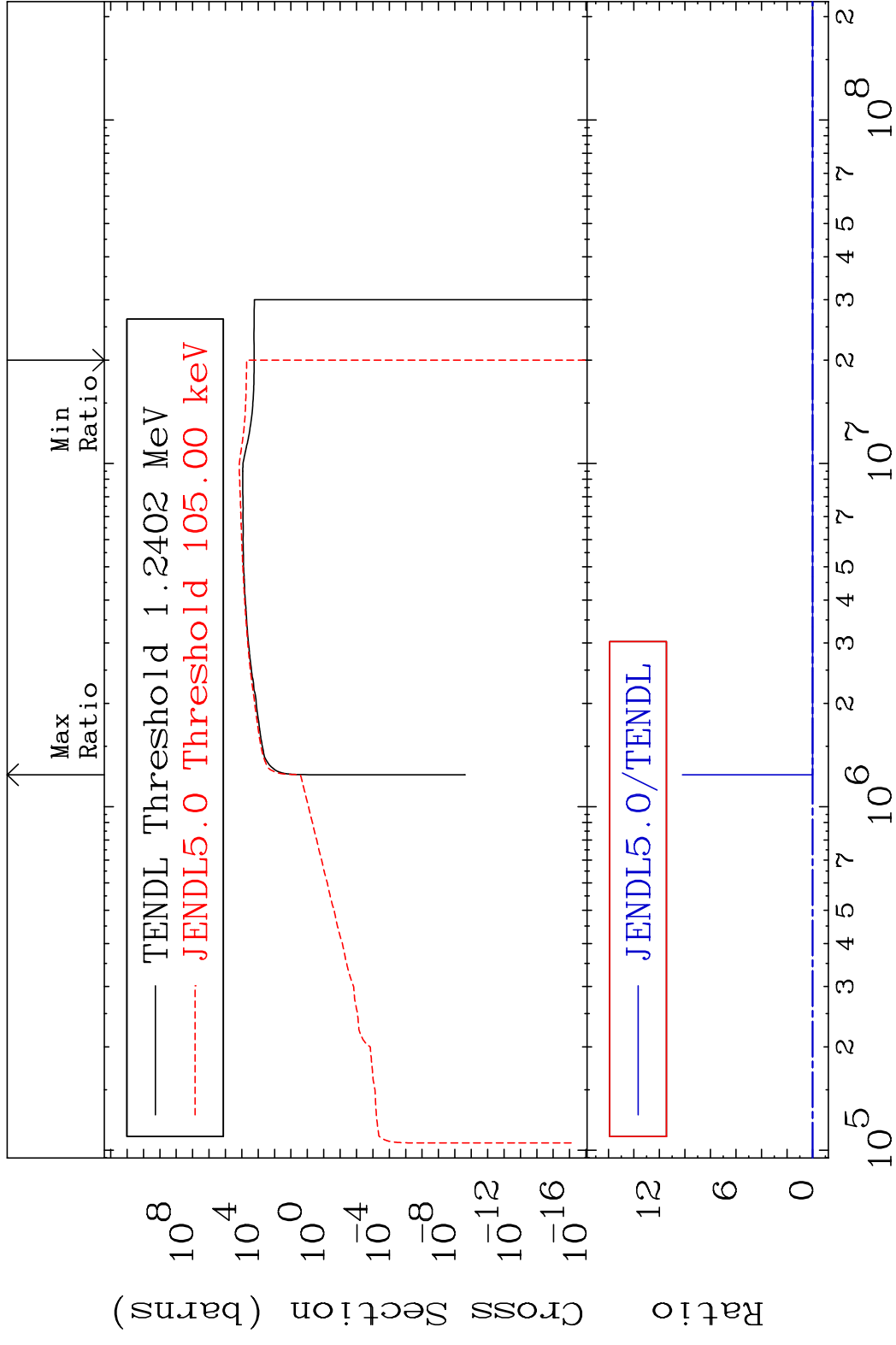


60

Incident Energy (eV)

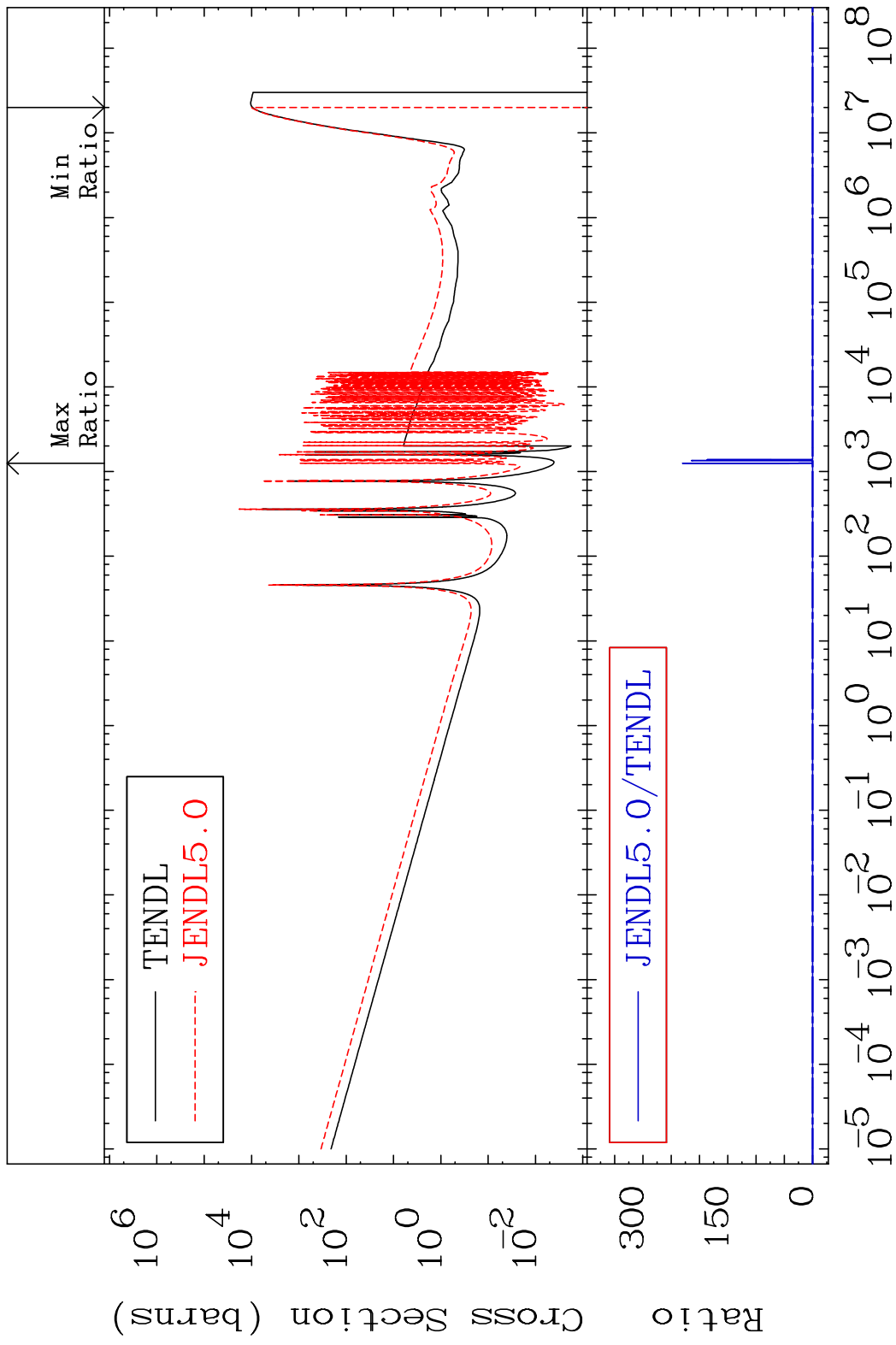
50-Sn-118

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

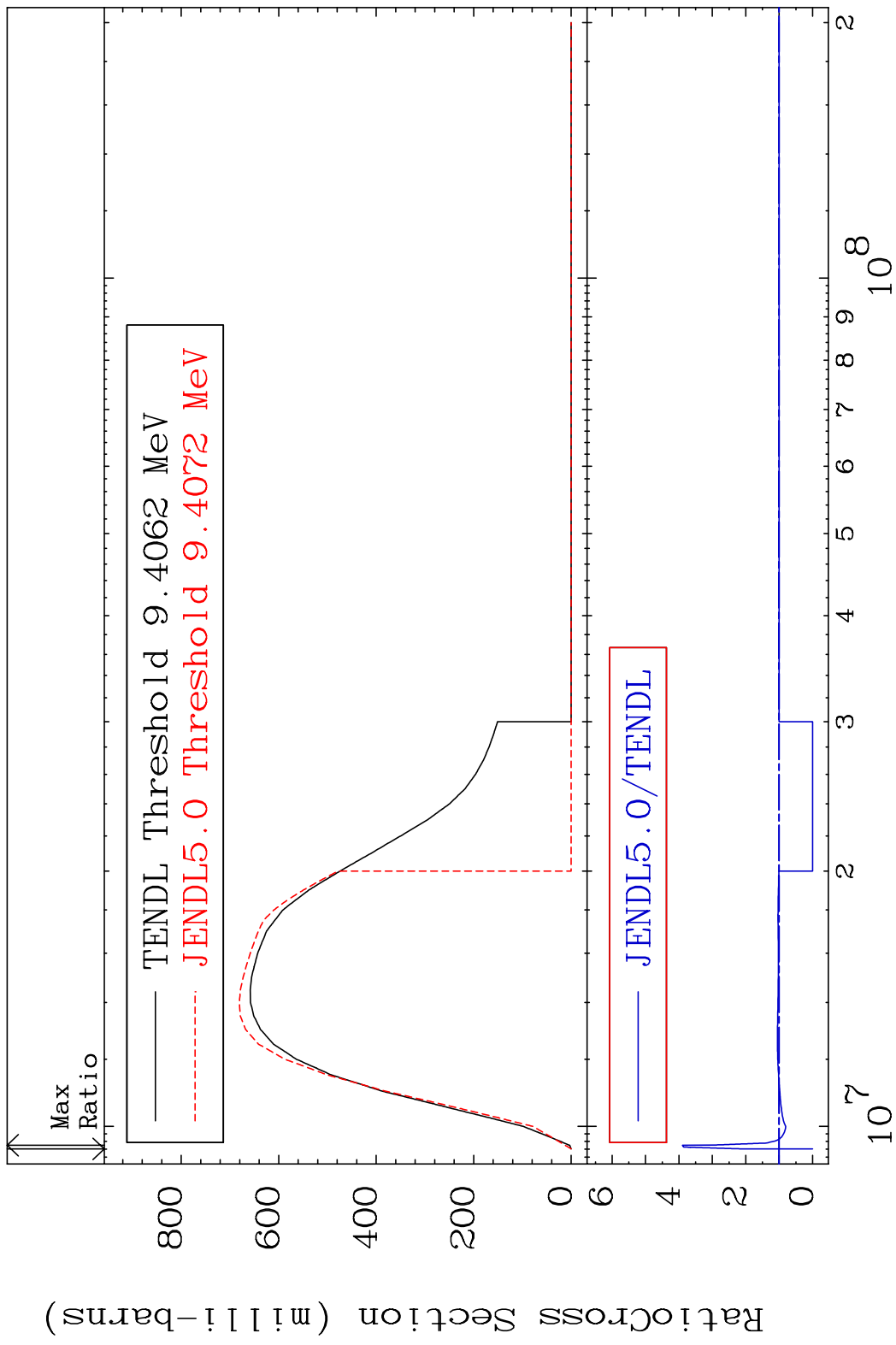


61 Incident Energy (eV) 50-Sn-118

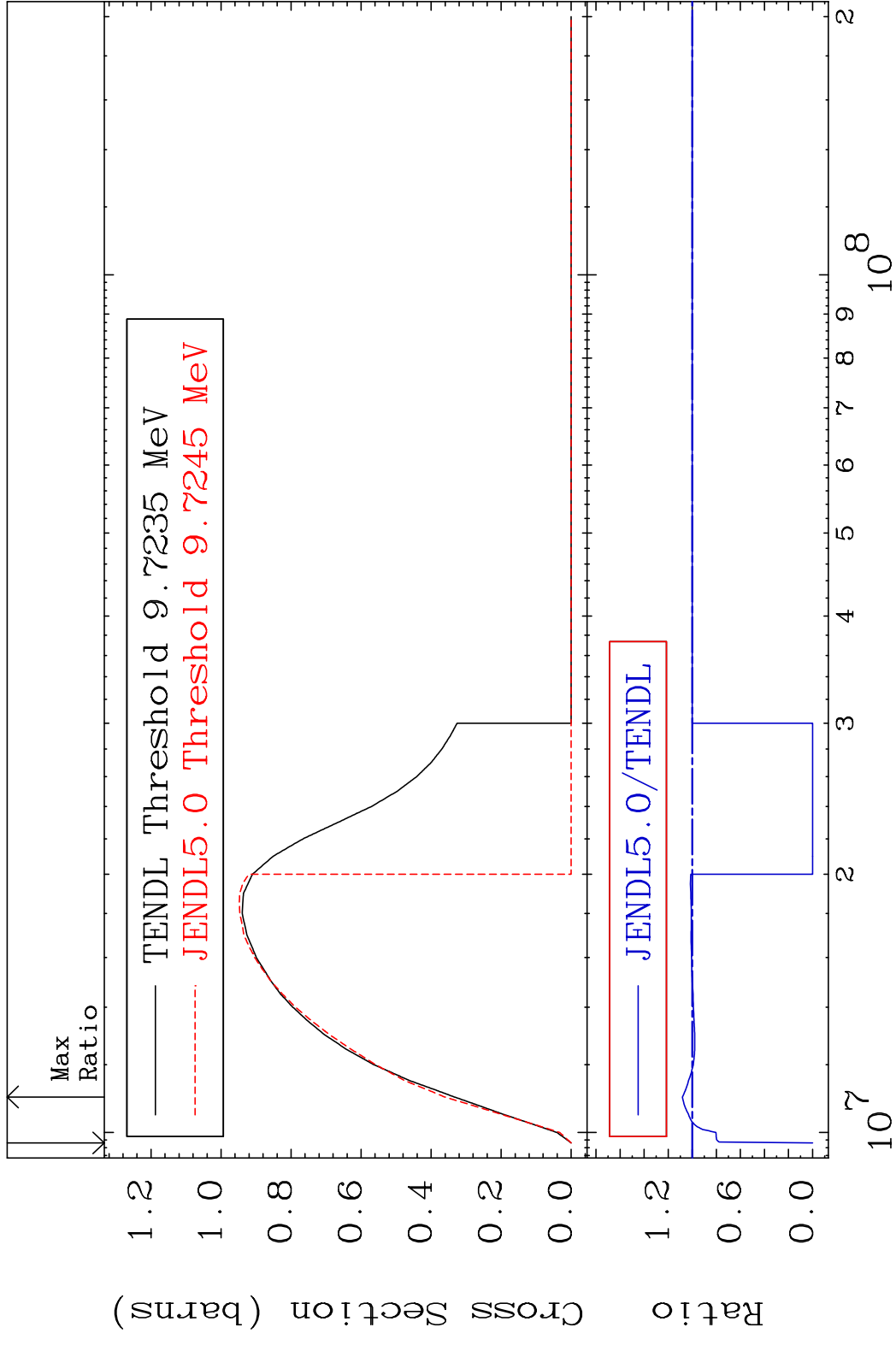
MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118
 Cross Section -100.0 To 9999. %



MAT 5043 (n,2n):50-Sn-117g 50-Sn-118
 Radionuclide Production Cross Section Ratio 289.8 %

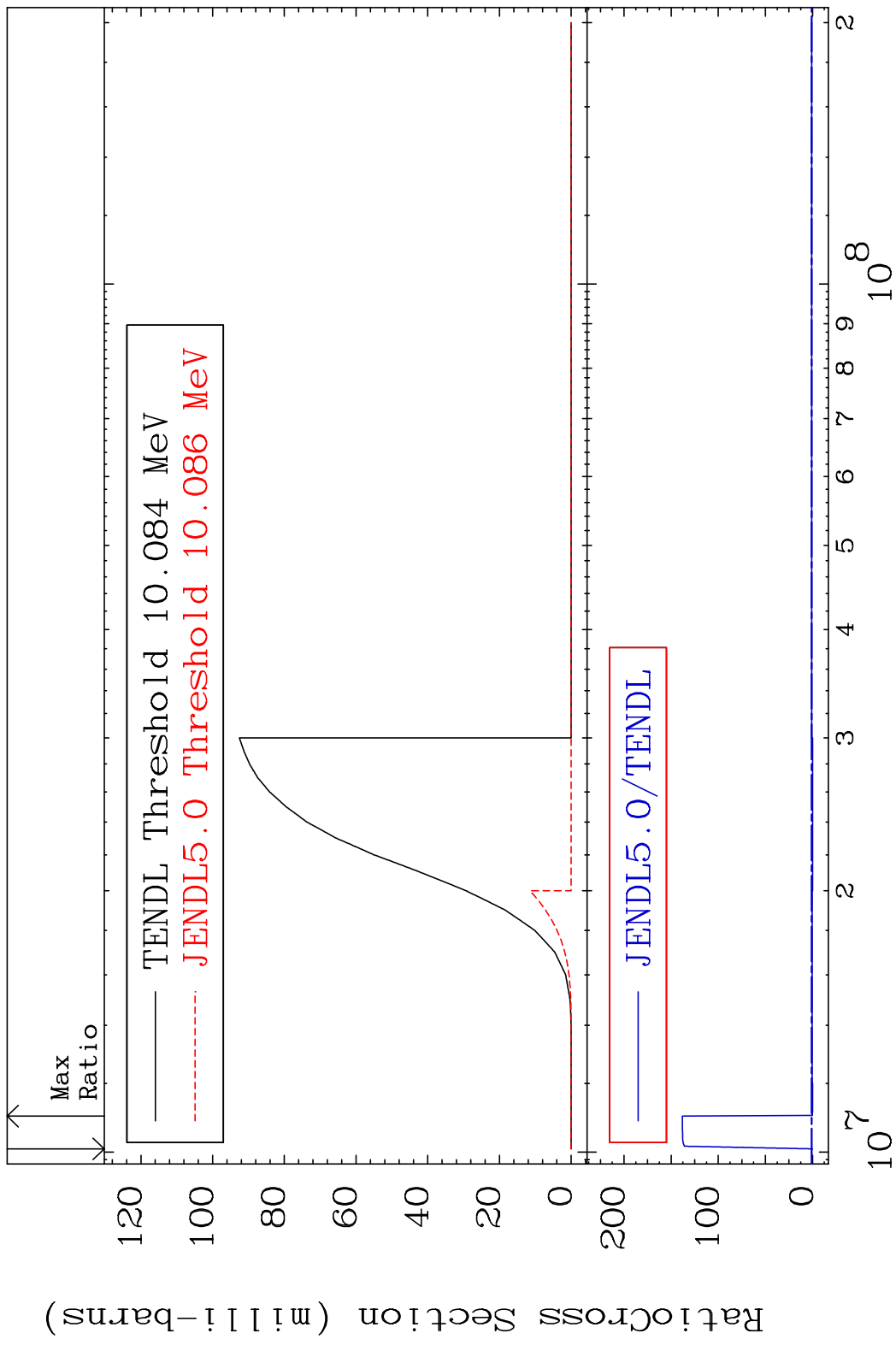


MAT 5043 (n,2n):50-Sn-117m2 50-Sn-118
 Radionuclide Production Cross Section 180.01 dth 8.232 %

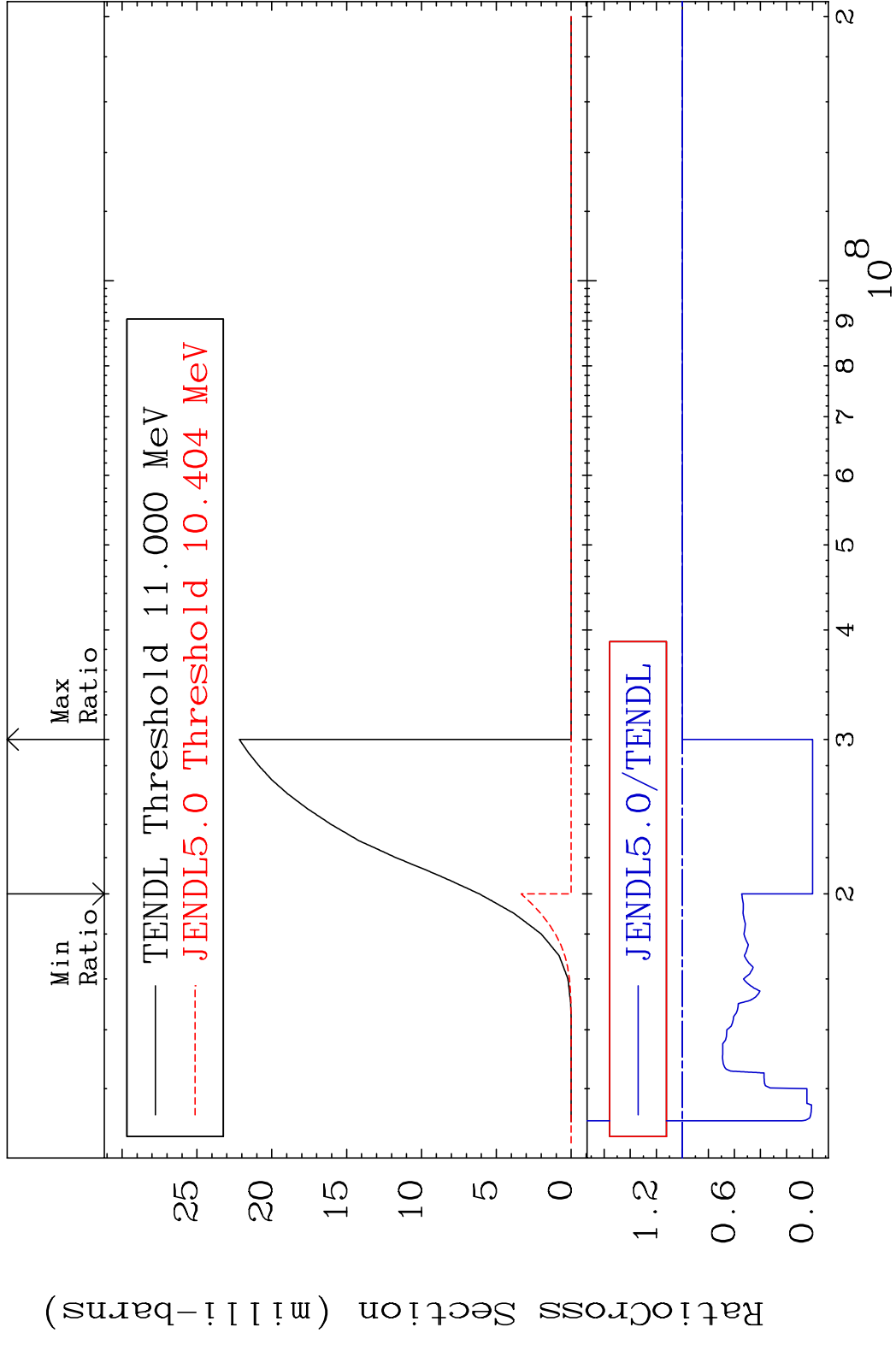


64 Incident Energy (eV) 50-Sn-118

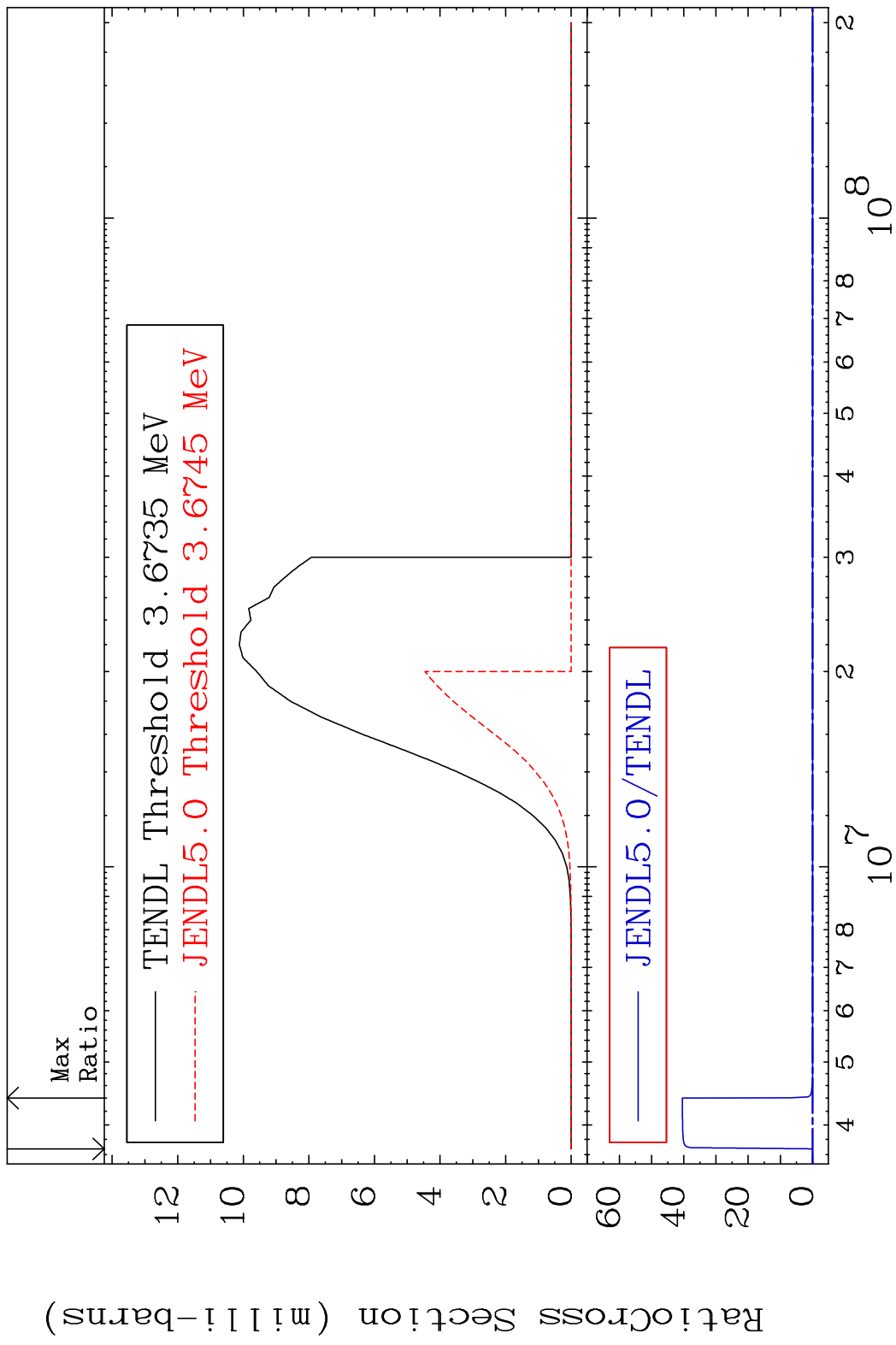
MAT 5043 (n, n') p:49-In-117g 50-Sn-118
 Radionuclide Production Cross Section 100.01 dth 9999. %



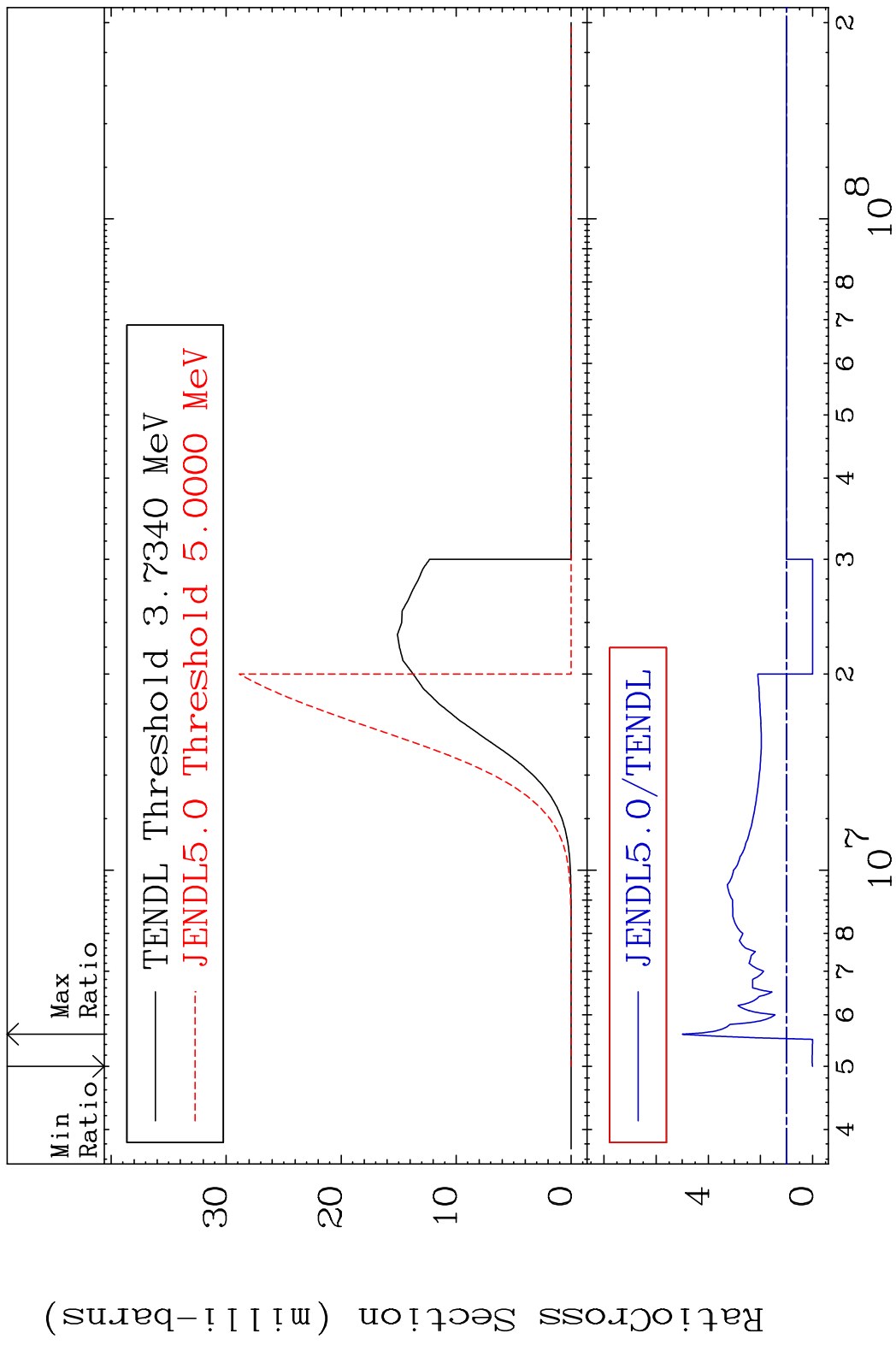
65 Incident Energy (eV) 50-Sn-118



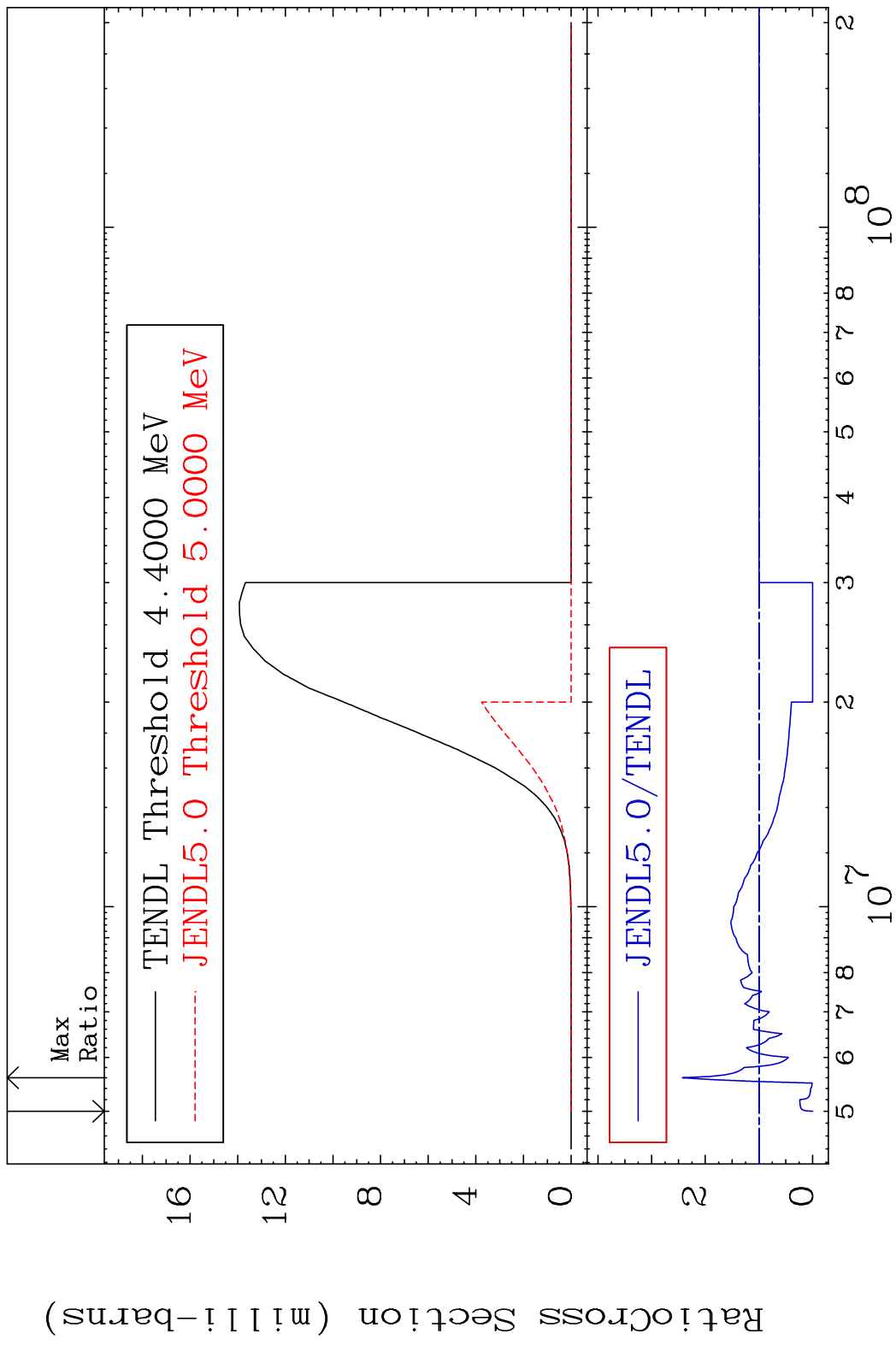
MAT 5043 (n,p):49-In-118g 50-Sn-118
 Radionuclide Production Cross Section to 9999. %



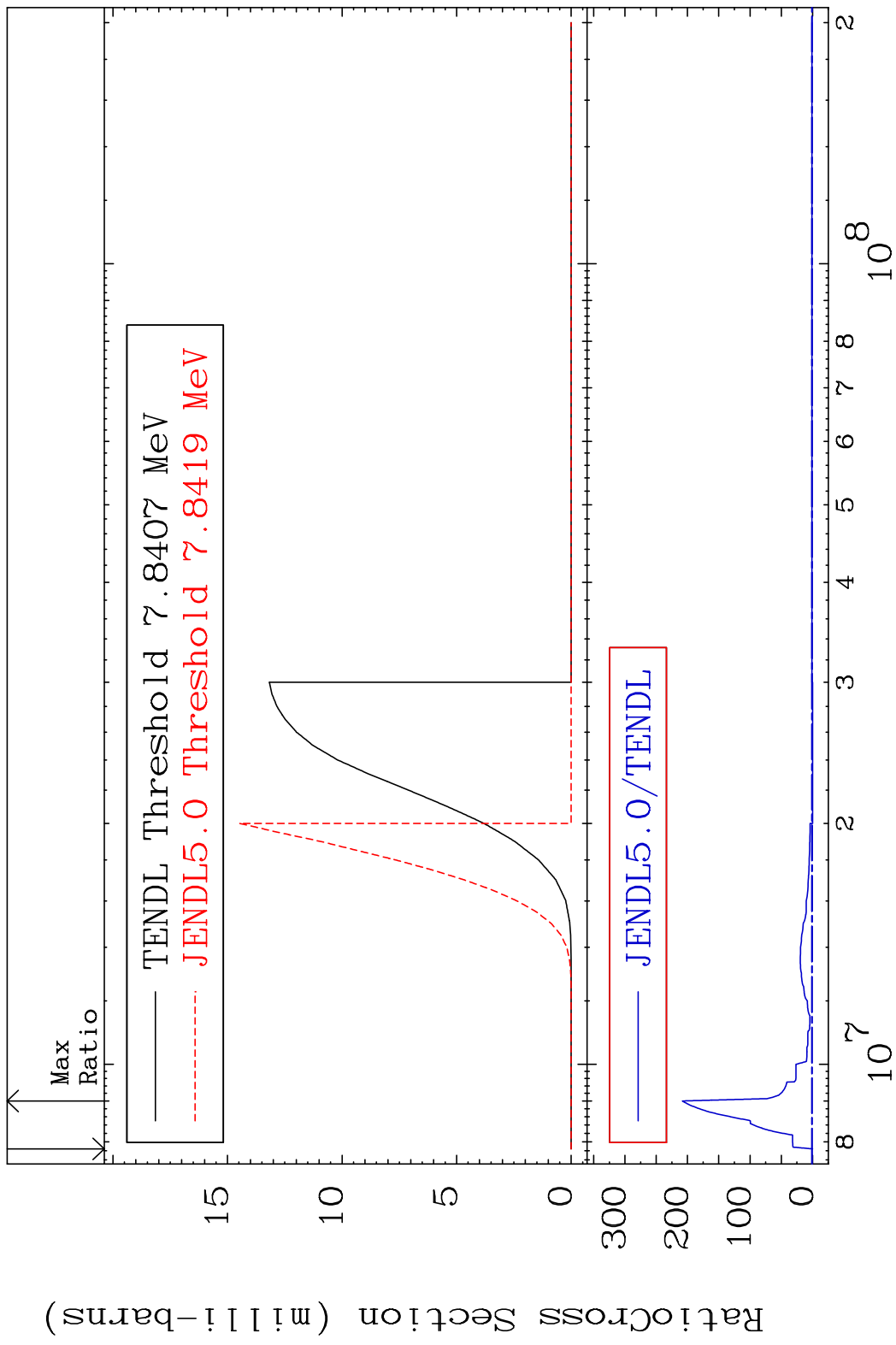
MAT 5043 (n, p): 49-In-118m1 50-Sn-118
 Radionuclide Production Cross Section 1800.0 dth 399.5 %



MAT 5043 (n, p):49-In-118m3 50-Sn-118
 Radionuclide Production Cross Section 180.0 dth 142.7 %

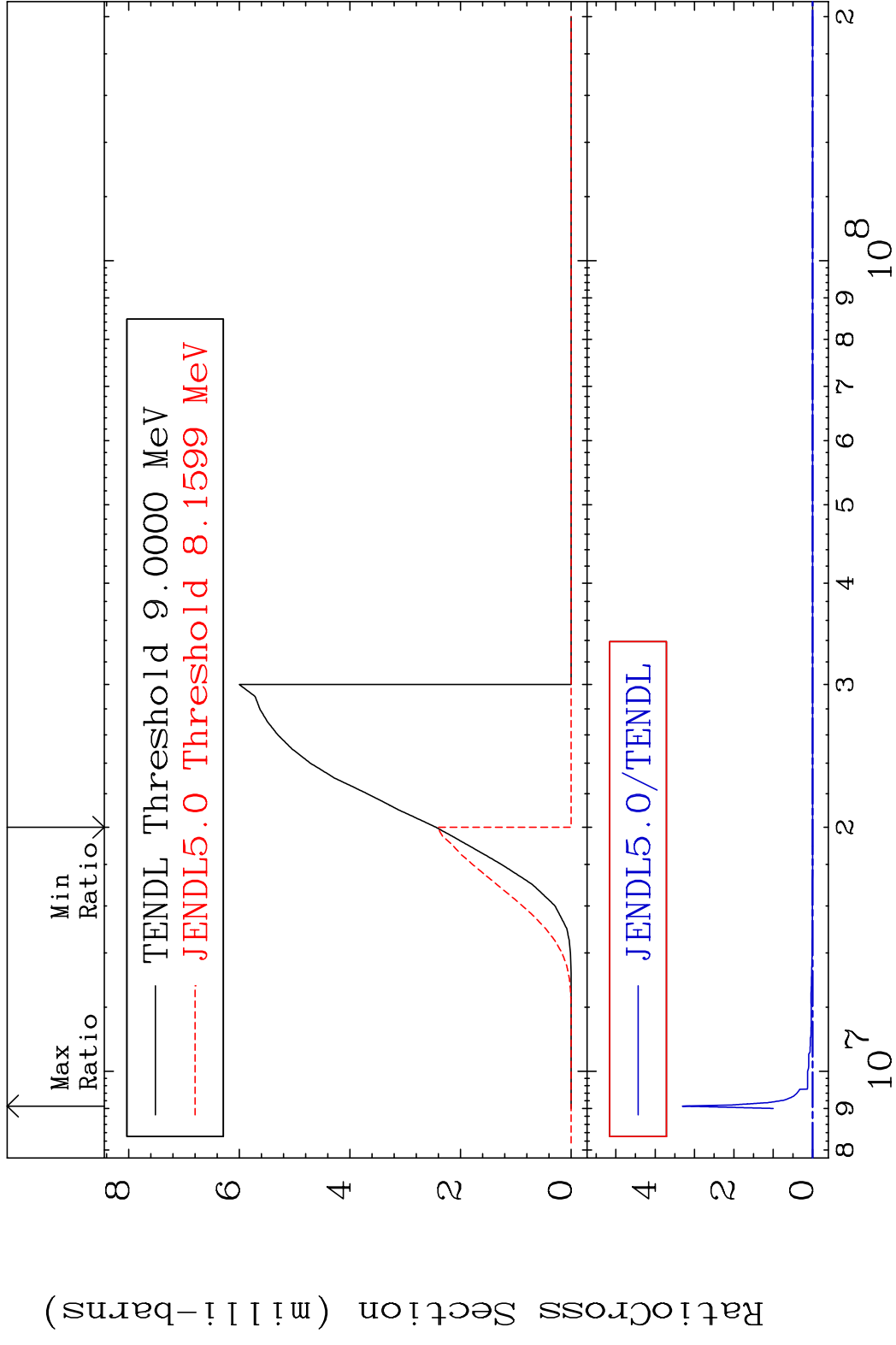


MAT 5043 (n,d):49-In-117g 50-Sn-118
 Radionuclide Production Cross Section (%)

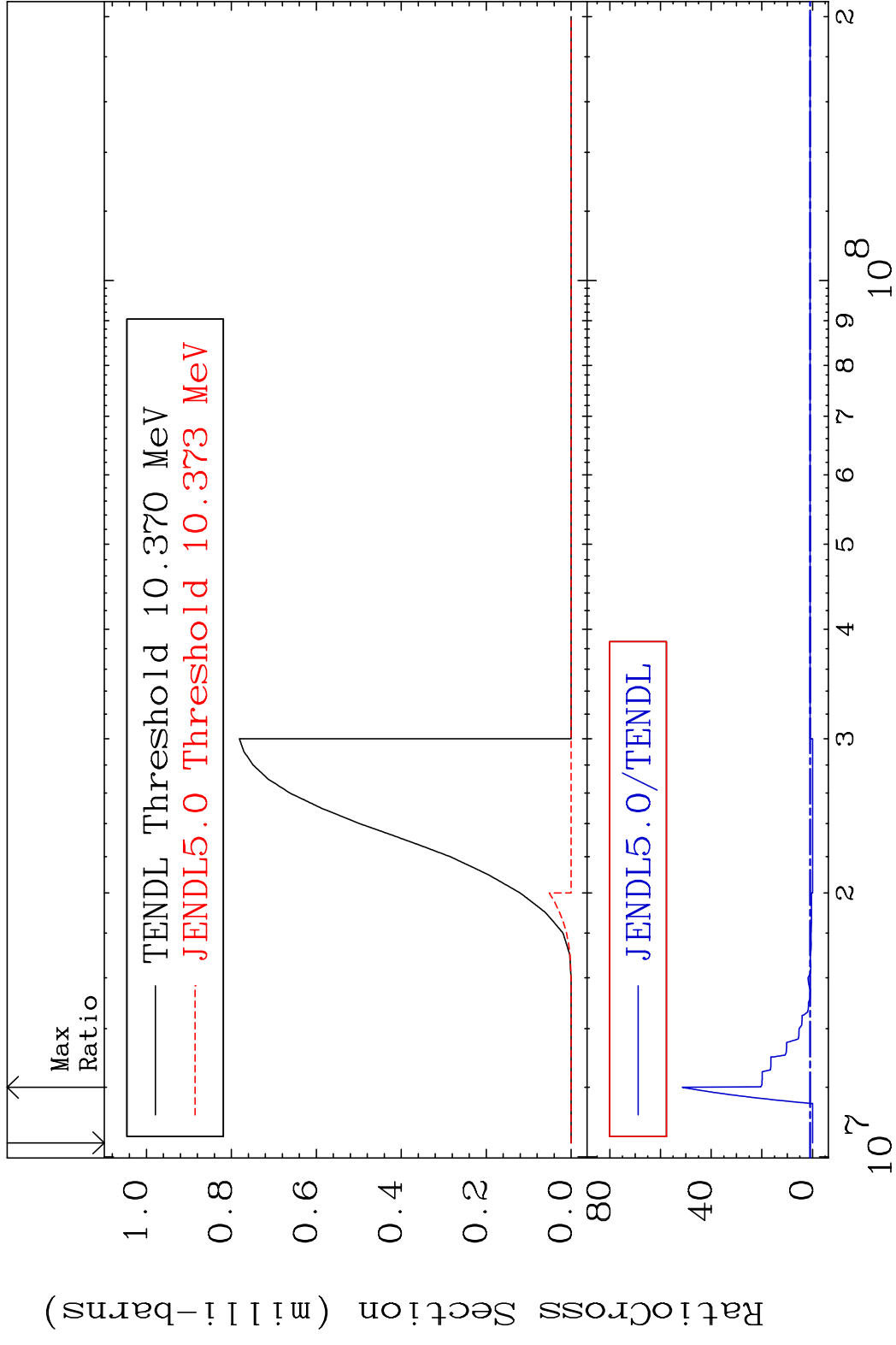


70 50-Sn-118

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



MAT 5043 (n,t):49-In-116g 50-Sn-118
 Radionuclide Production Cross Section 5036. %



72 Incident Energy (eV) 50-Sn-118

MAT 5043 (n, t): 49-In-116m1 50-Sn-118
 Radionuclide Production Cross Section to 9999. %

