

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

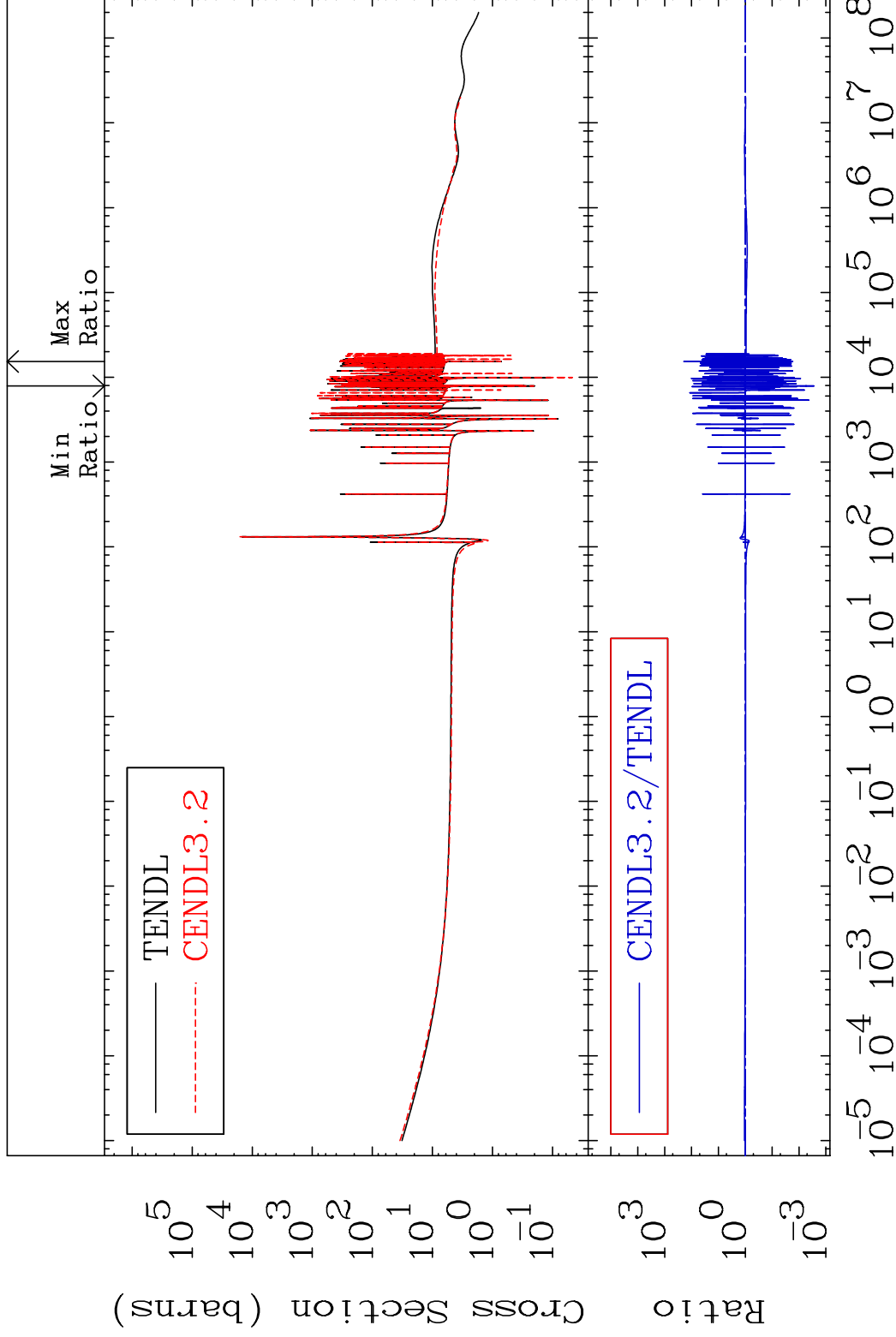
MAT 4237

Total

42-Mo-96

Cross Section

-99.73 To 9999. %



1

Incident Energy (eV)

42-Mo-96

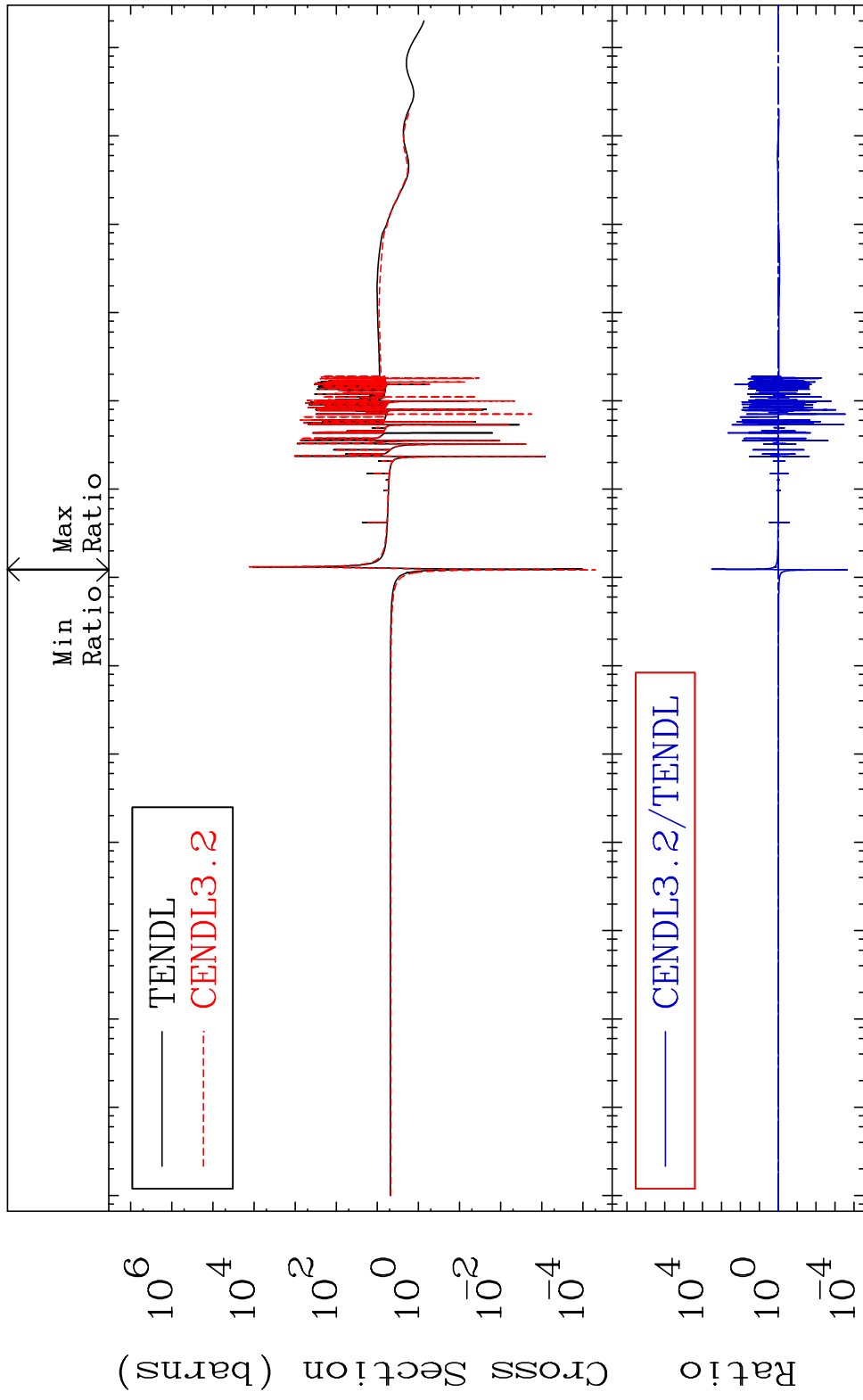
MAT 4237

Elastic

42-Mo-96

Cross Section

-99.98 To 9999. %

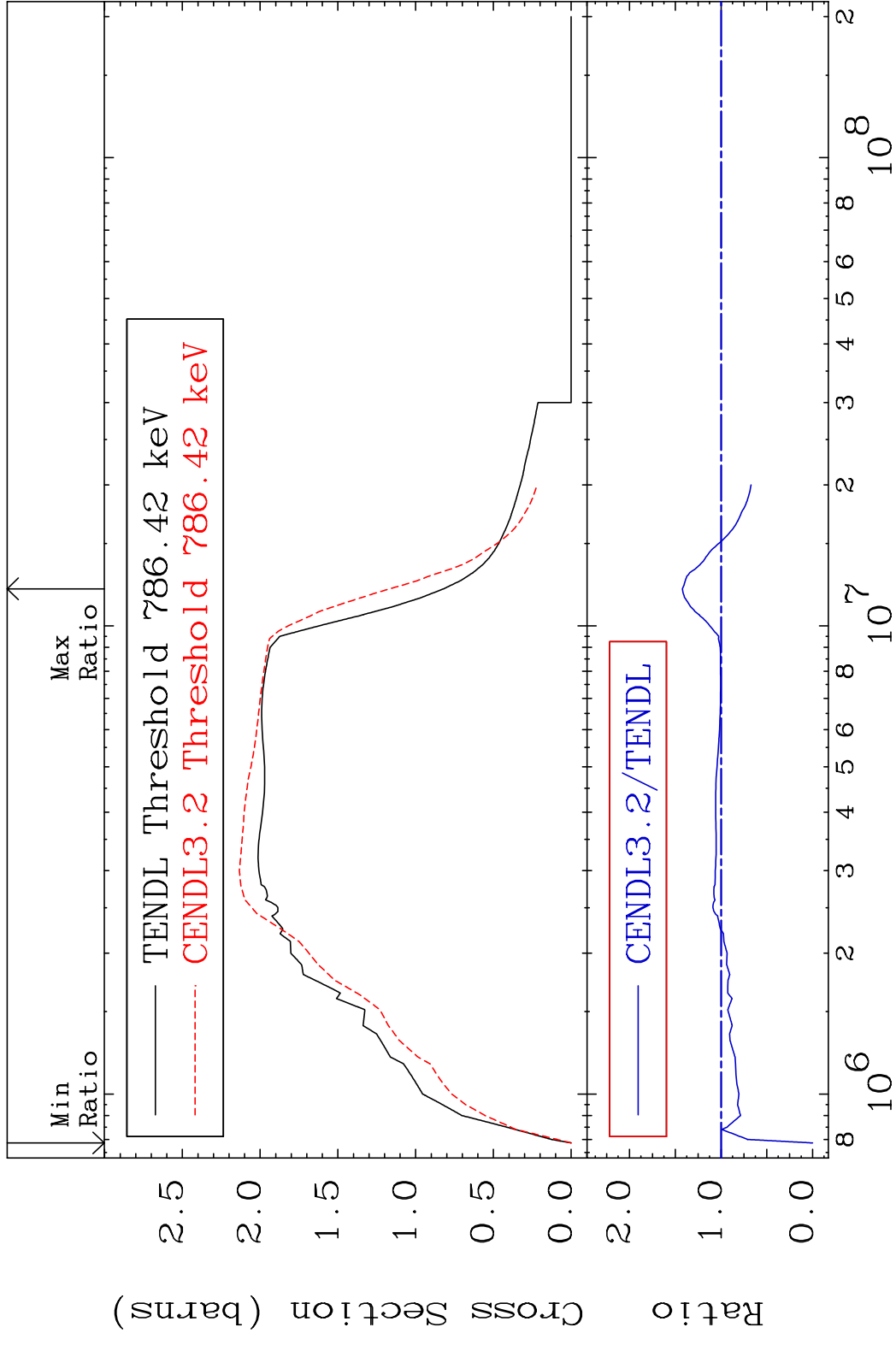


2

Incident Energy (eV)

42-Mo-96

MAT 4237 Inelastic Cross Section -100.0 To 42.29 % 42-Mo-96



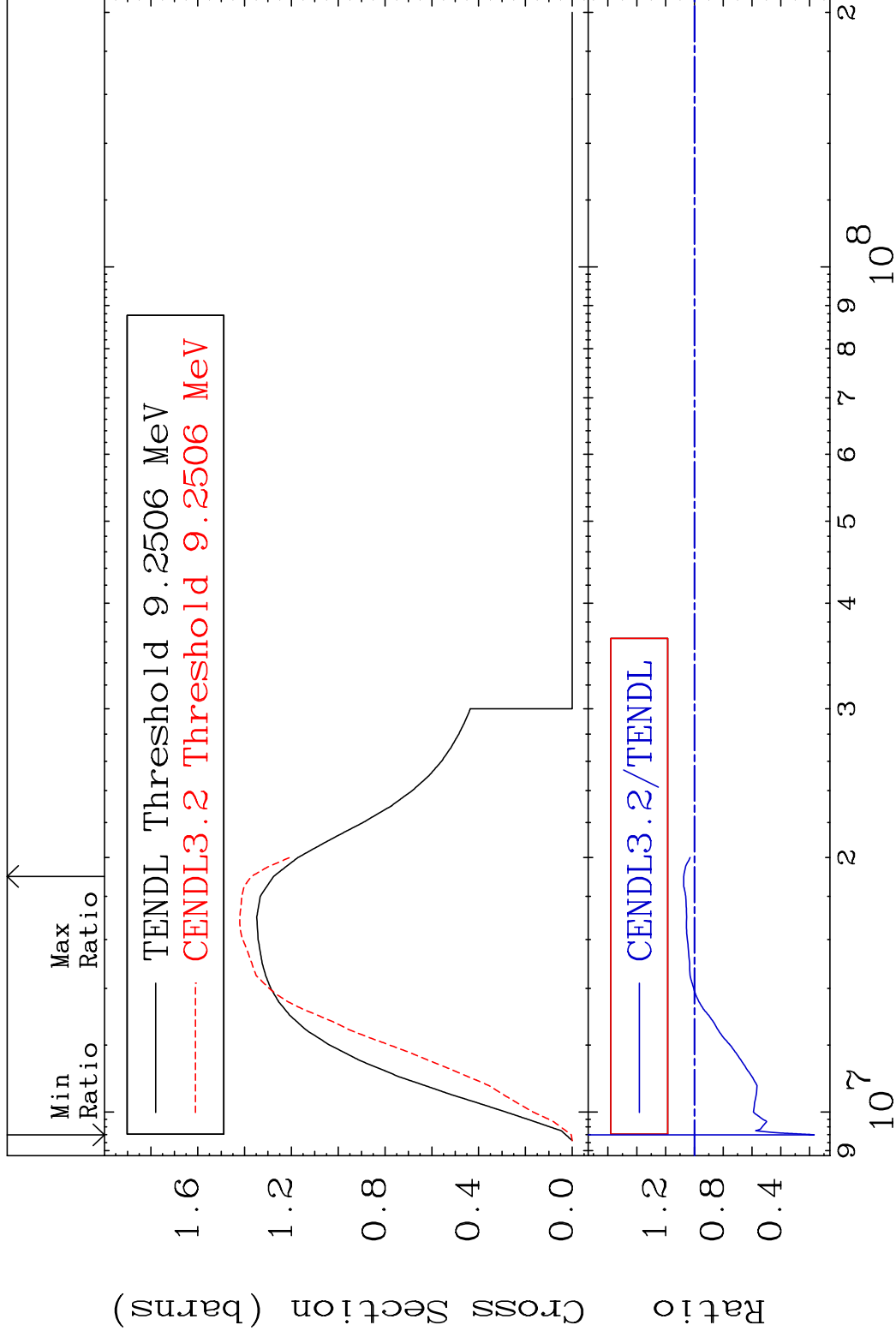
3 Incident Energy (eV) 42-Mo-96

MAT 4237

(n,2n)

42-Mo-96

Cross Section -83.08 To 7.454 %



4

Incident Energy (eV)

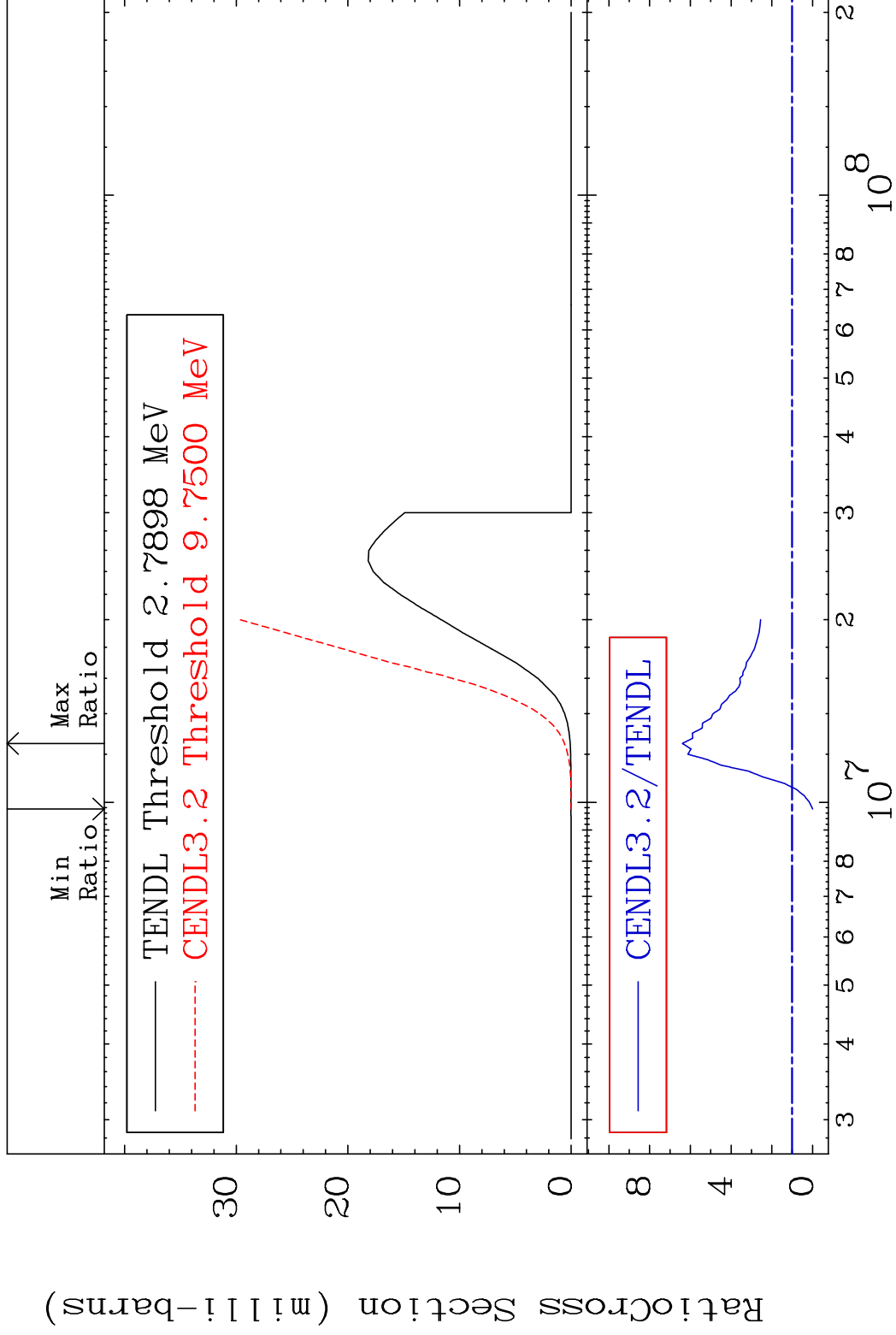
42-Mo-96

MAT 4237

(n, n') α

42-Mo-96

Cross Section -100.0 To 539.3 %



6

Incident Energy (eV)

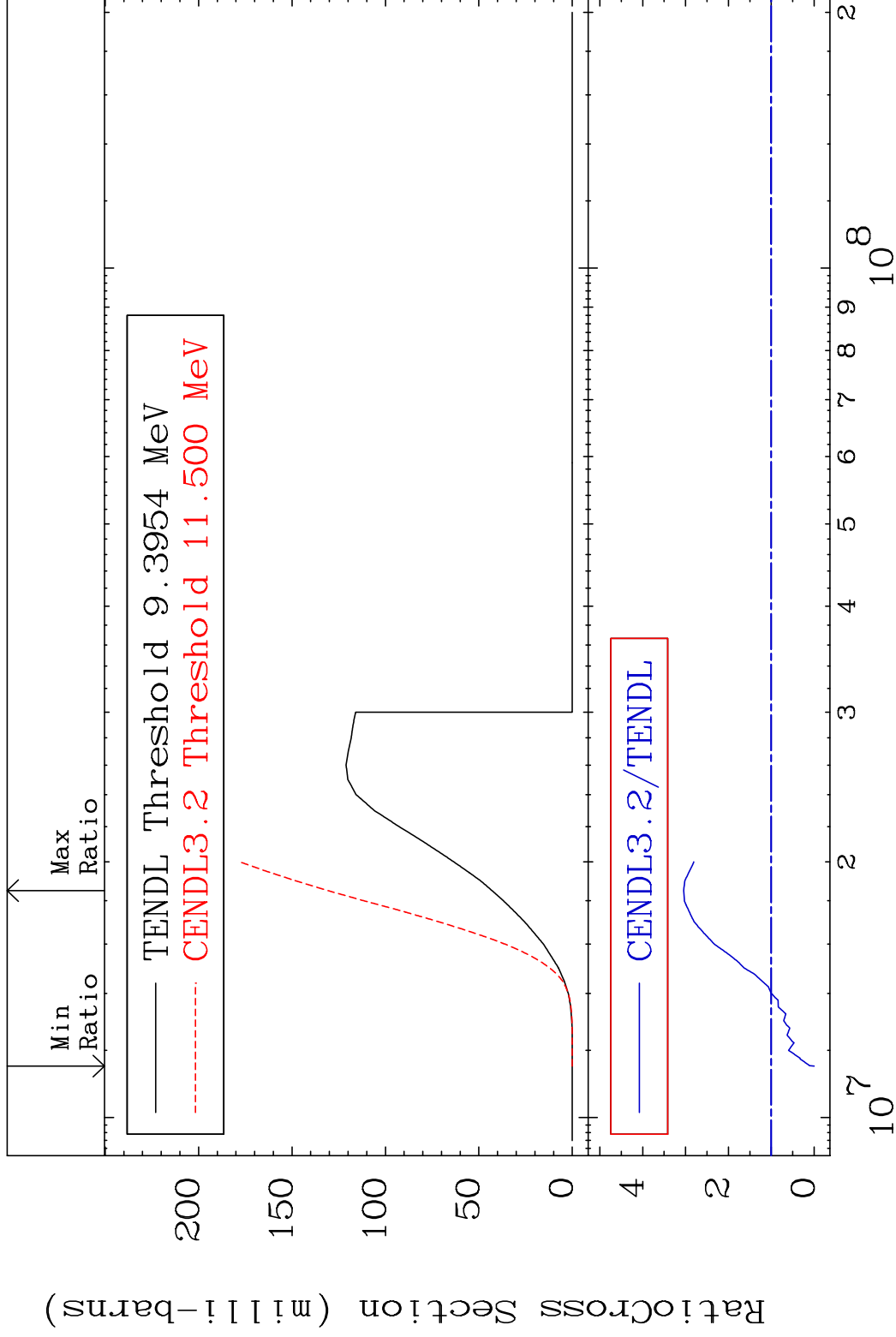
42-Mo-96

MAT 4237

(n, n') p

42-Mo-96

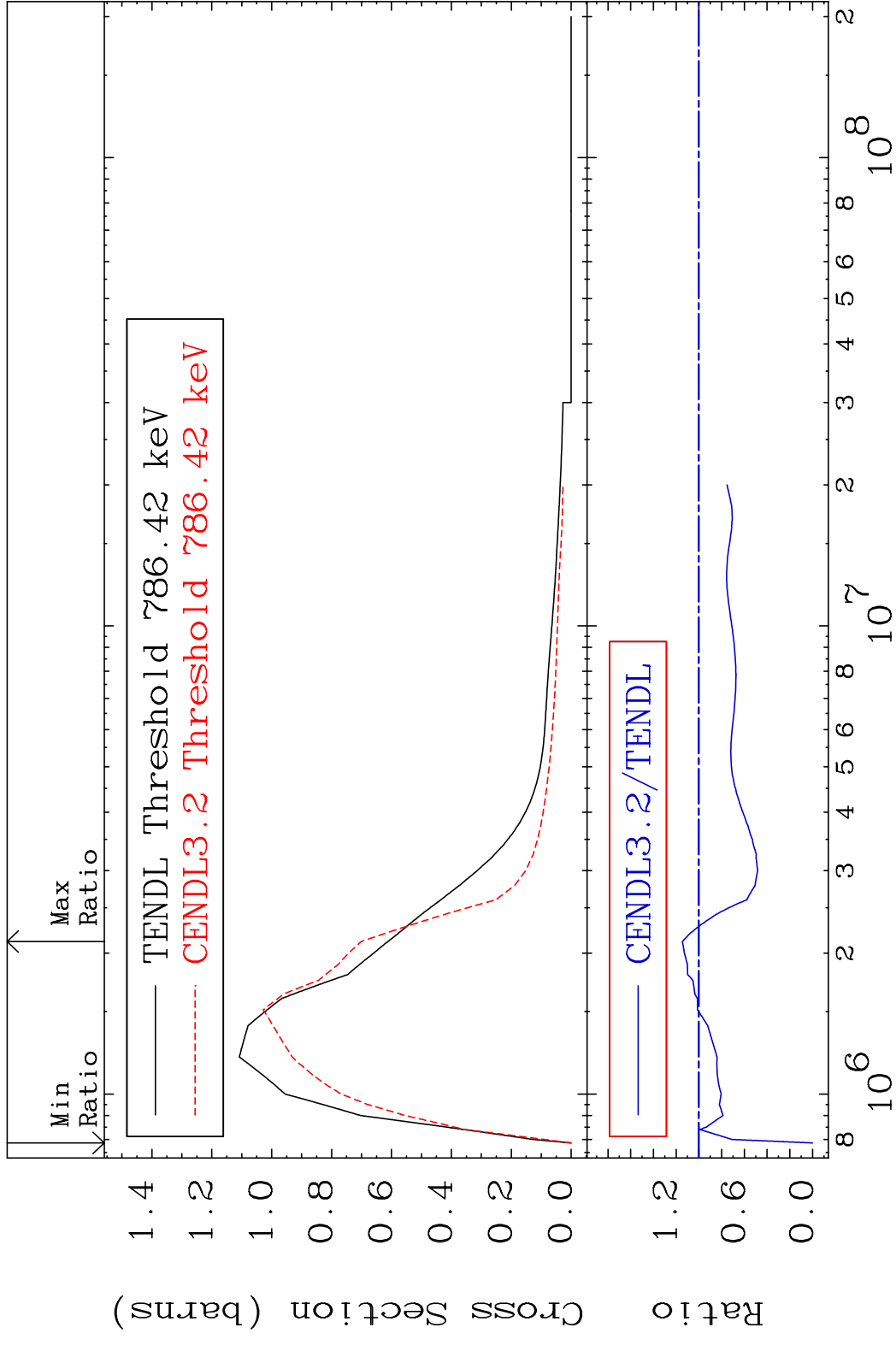
Cross Section -100.0 To 204.5 %



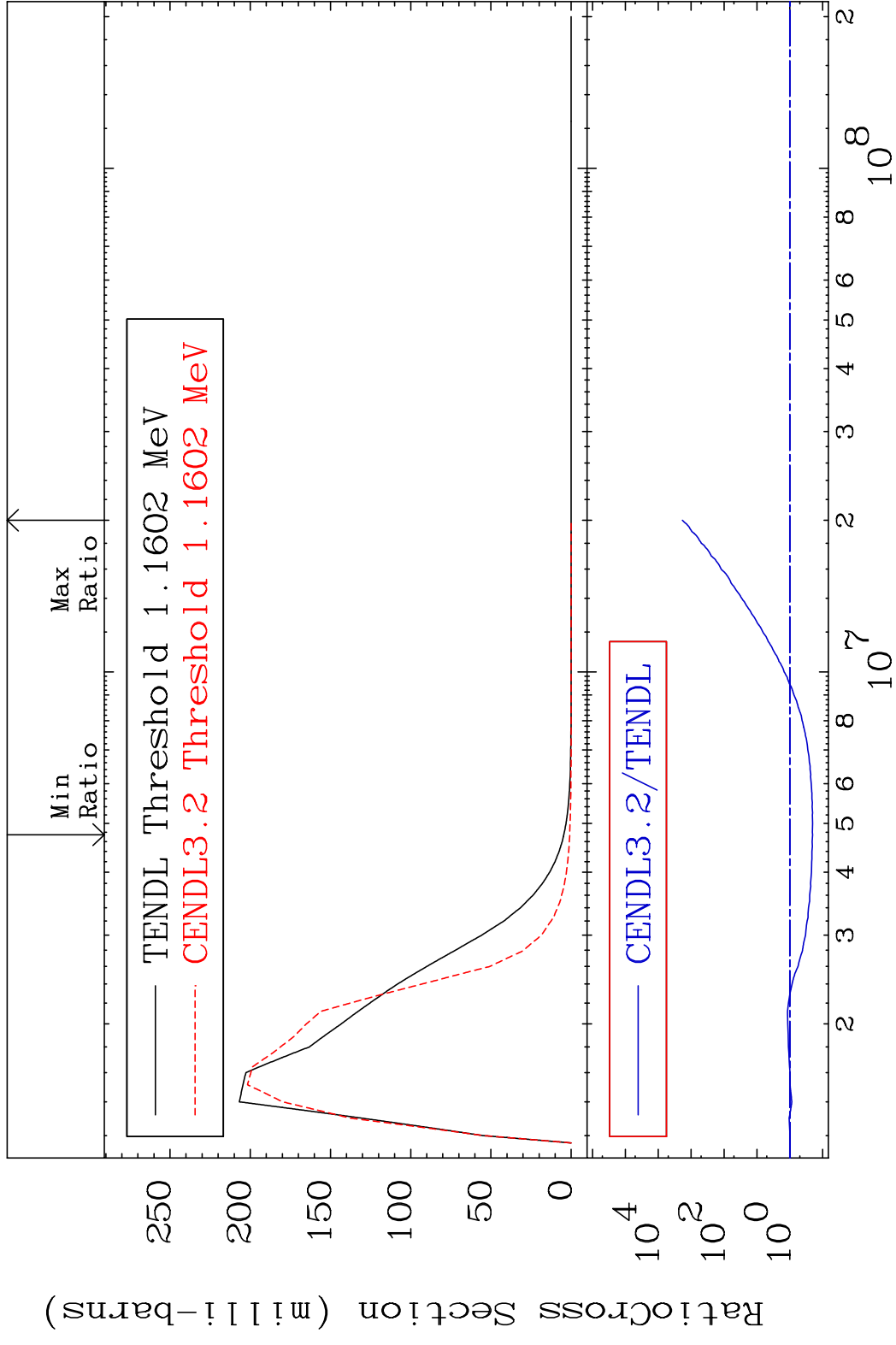
Incident Energy (eV)

42-Mo-96

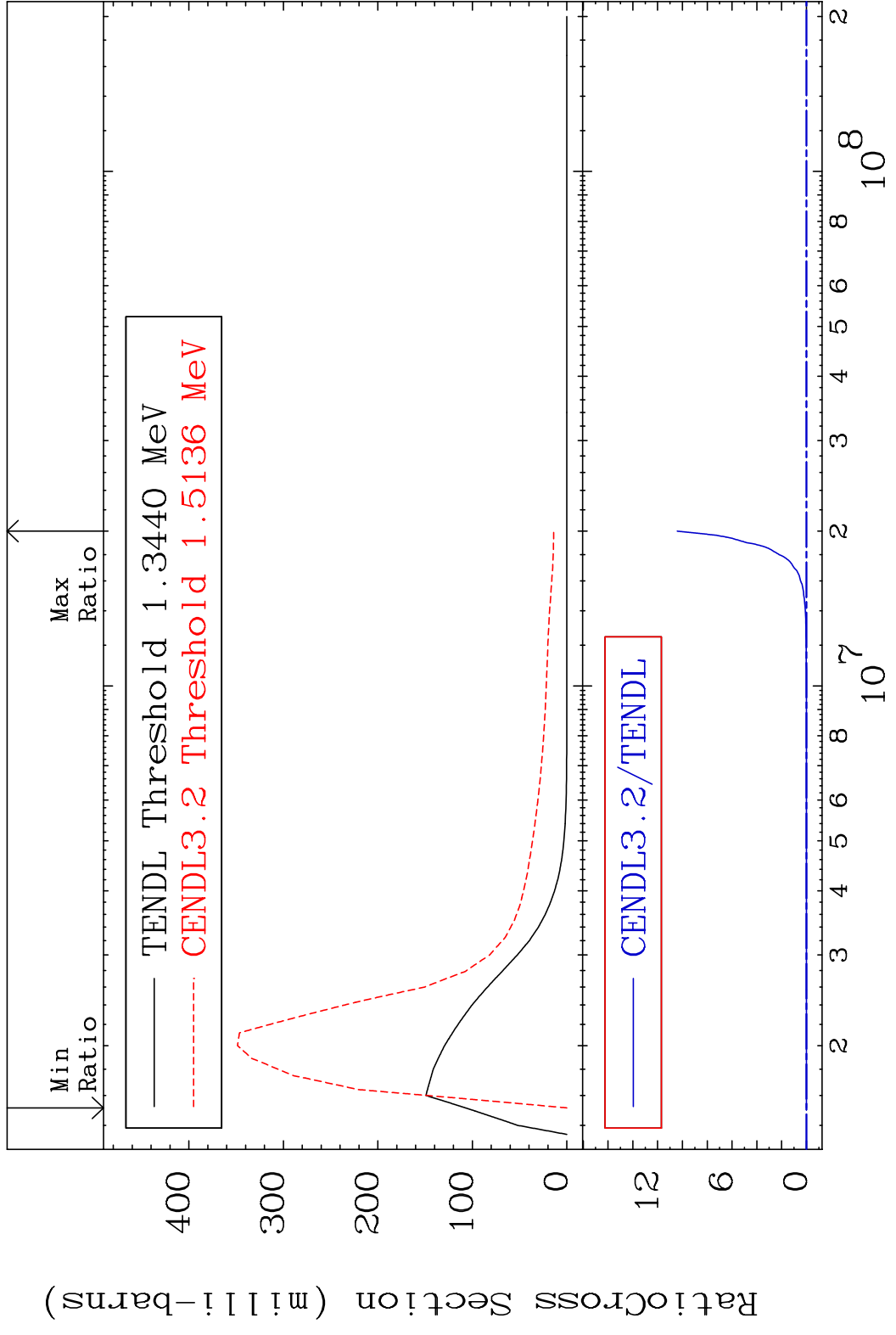
MAT 4237 MT= 51 (n,n') Level 42-Mo-96
 Cross Section -100.0 To 14.54 %



MAT 4237 MT= 52 (n, n') Level 42-Mo-96
 Cross Section -79.61 To 9999. %

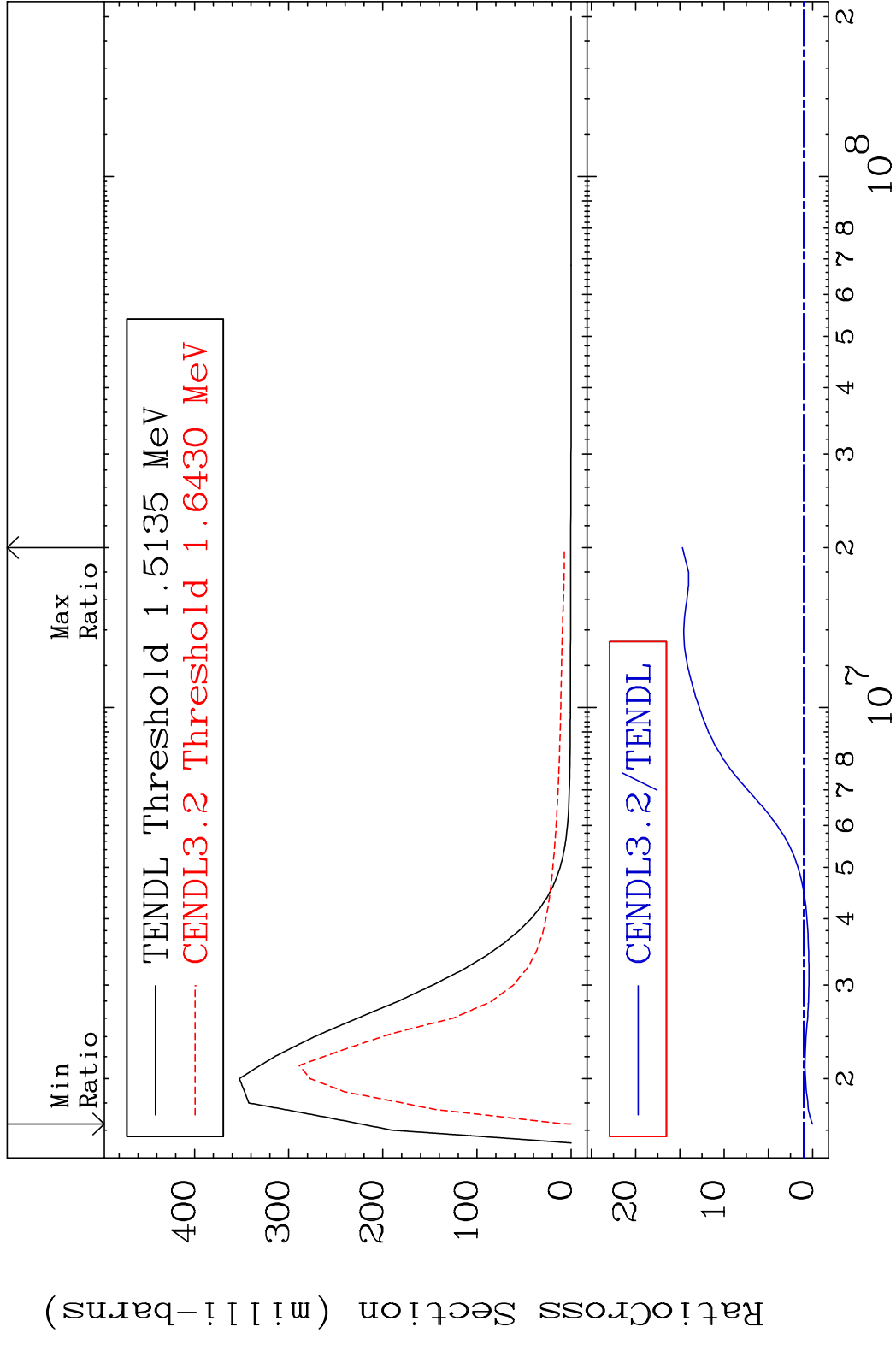


MAT 4237 MT= 53 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %

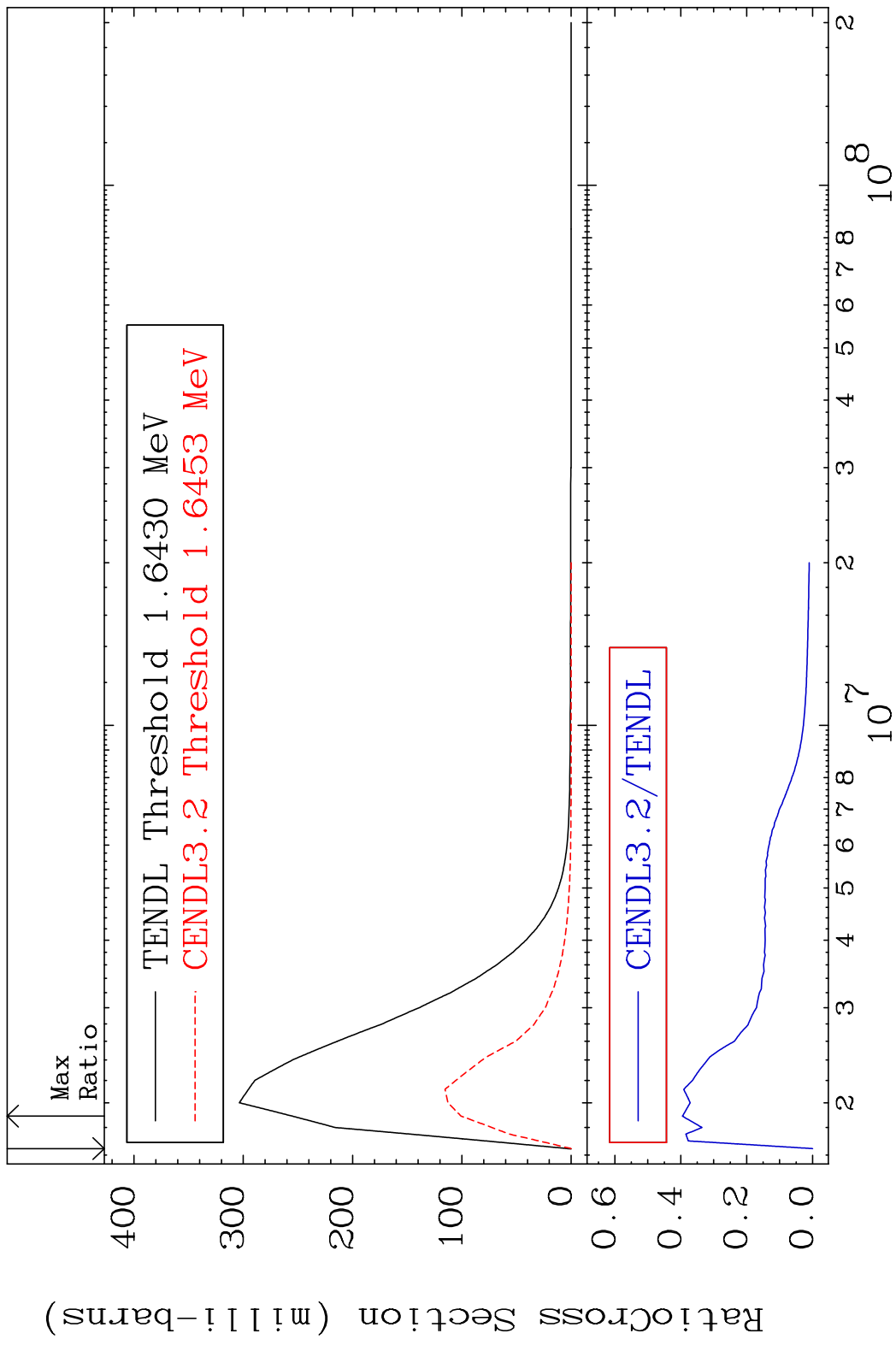


10 Incident Energy (eV) 42-Mo-96

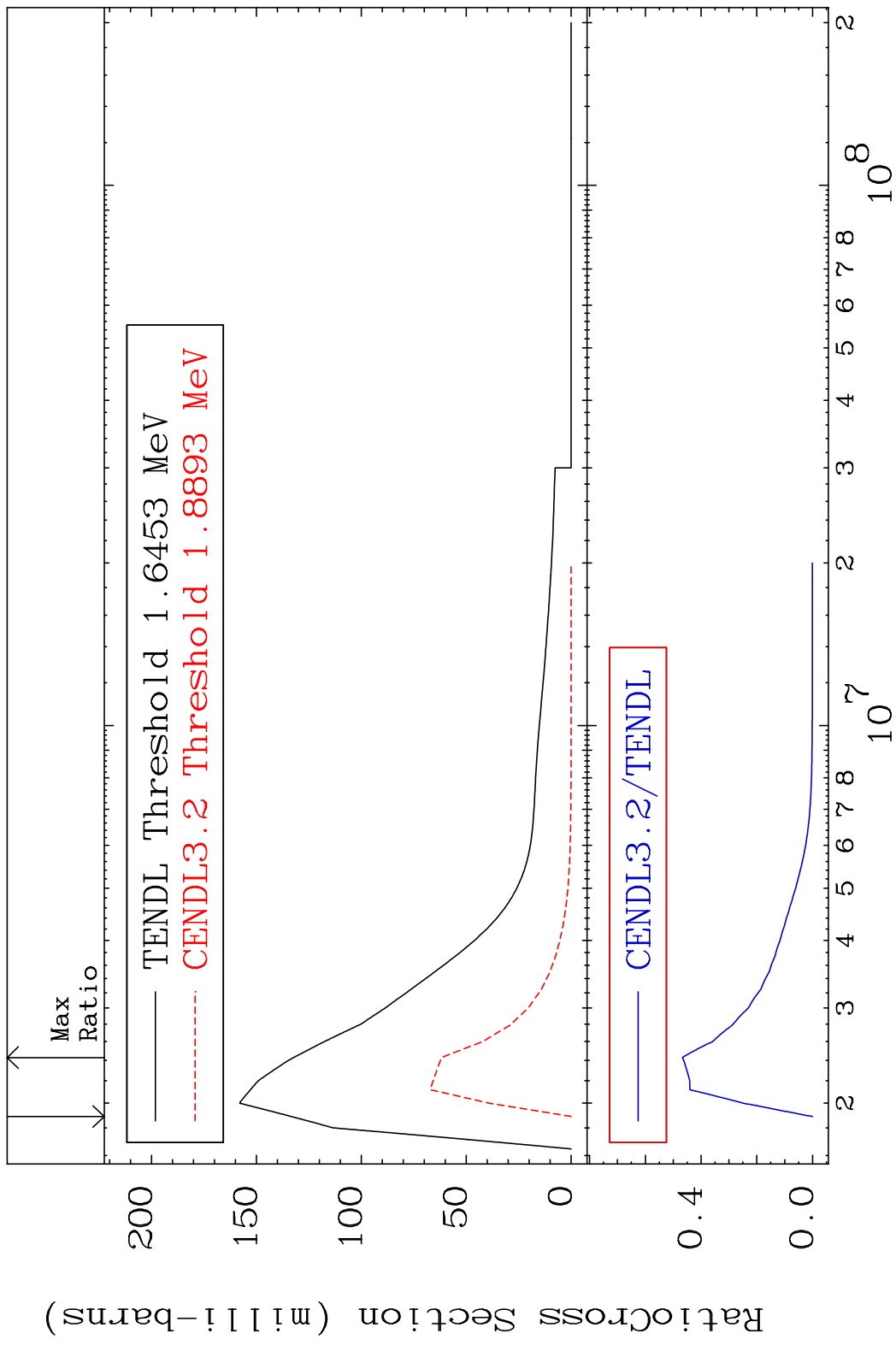
MAT 4237 MT= 54 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 1372. %



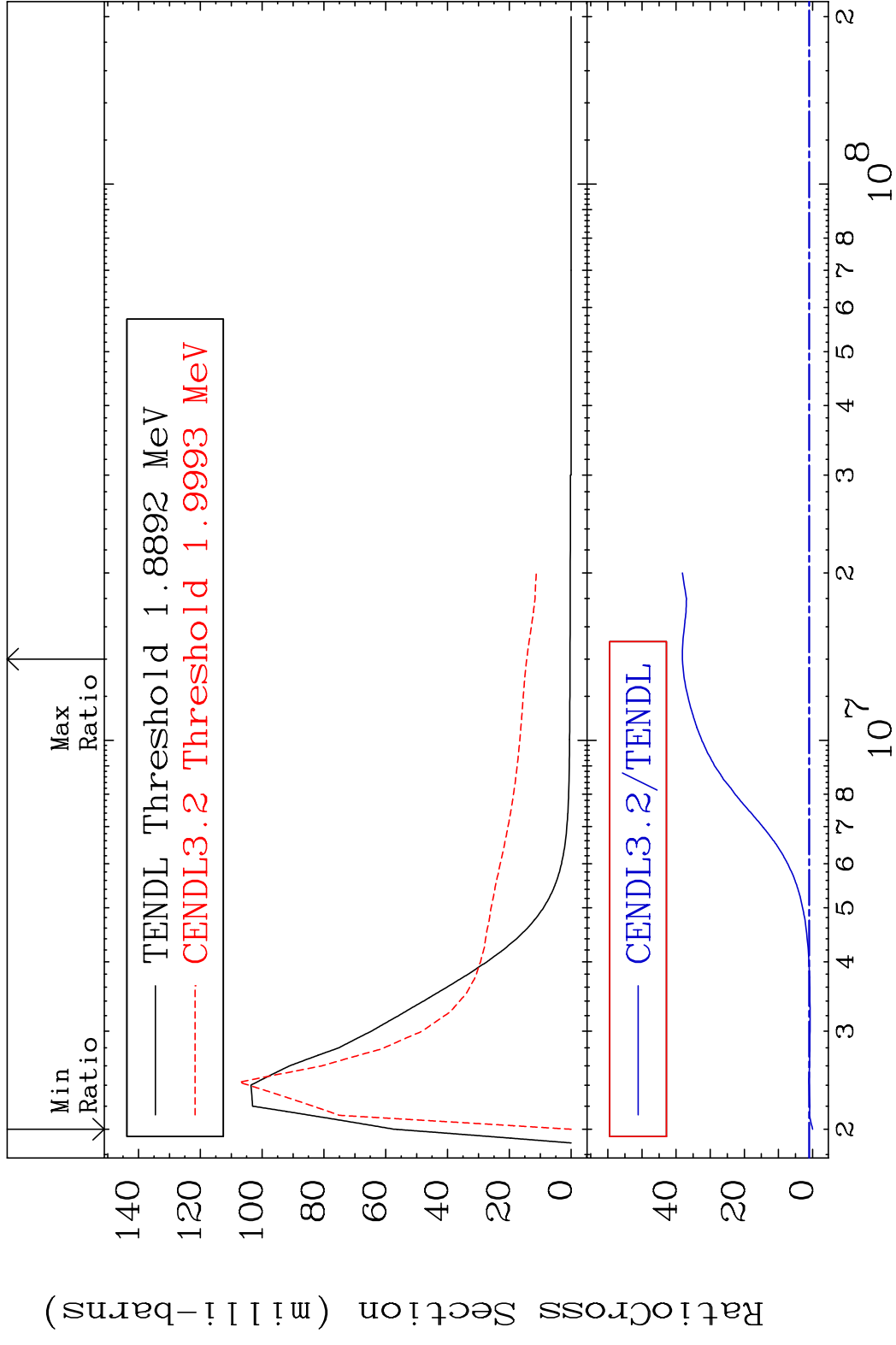
MAT 4237 MT= 55 (n,n') Level 42-Mo-96
 Cross Section -100.0 To -60.49%



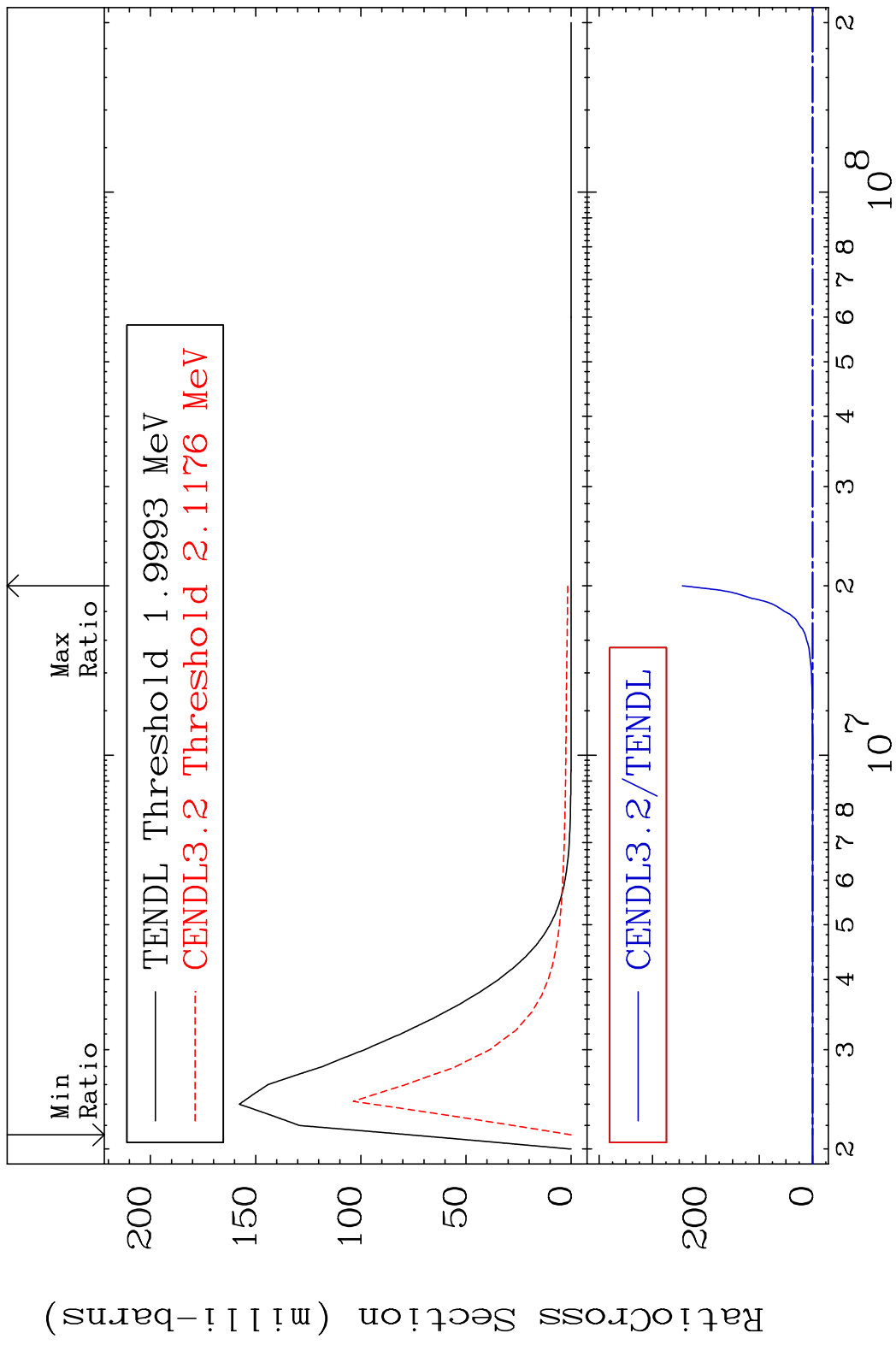
MAT 4237 MT= 56 (n,n') Level 42-Mo-96
 Cross Section -100.0 To -53.28%



MAT 4237 MT= 57 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 3717. %



MAT 4237 MT= 58 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %



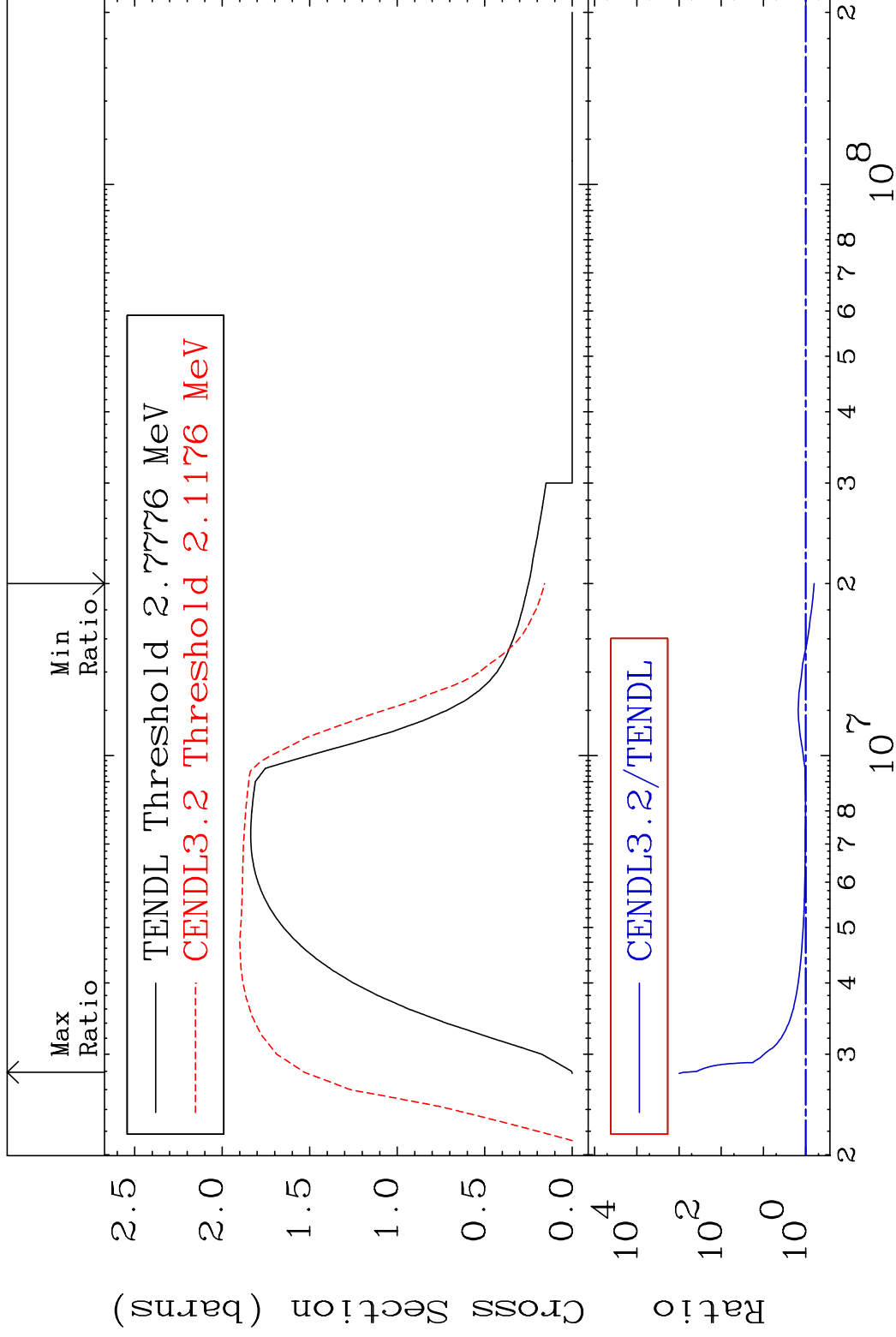
15 Incident Energy (eV) 42-Mo-96

MAT 4237

(n, n') Continuum

42-Mo-96

Cross Section -36.69 To 9999. %



16

Incident Energy (eV)

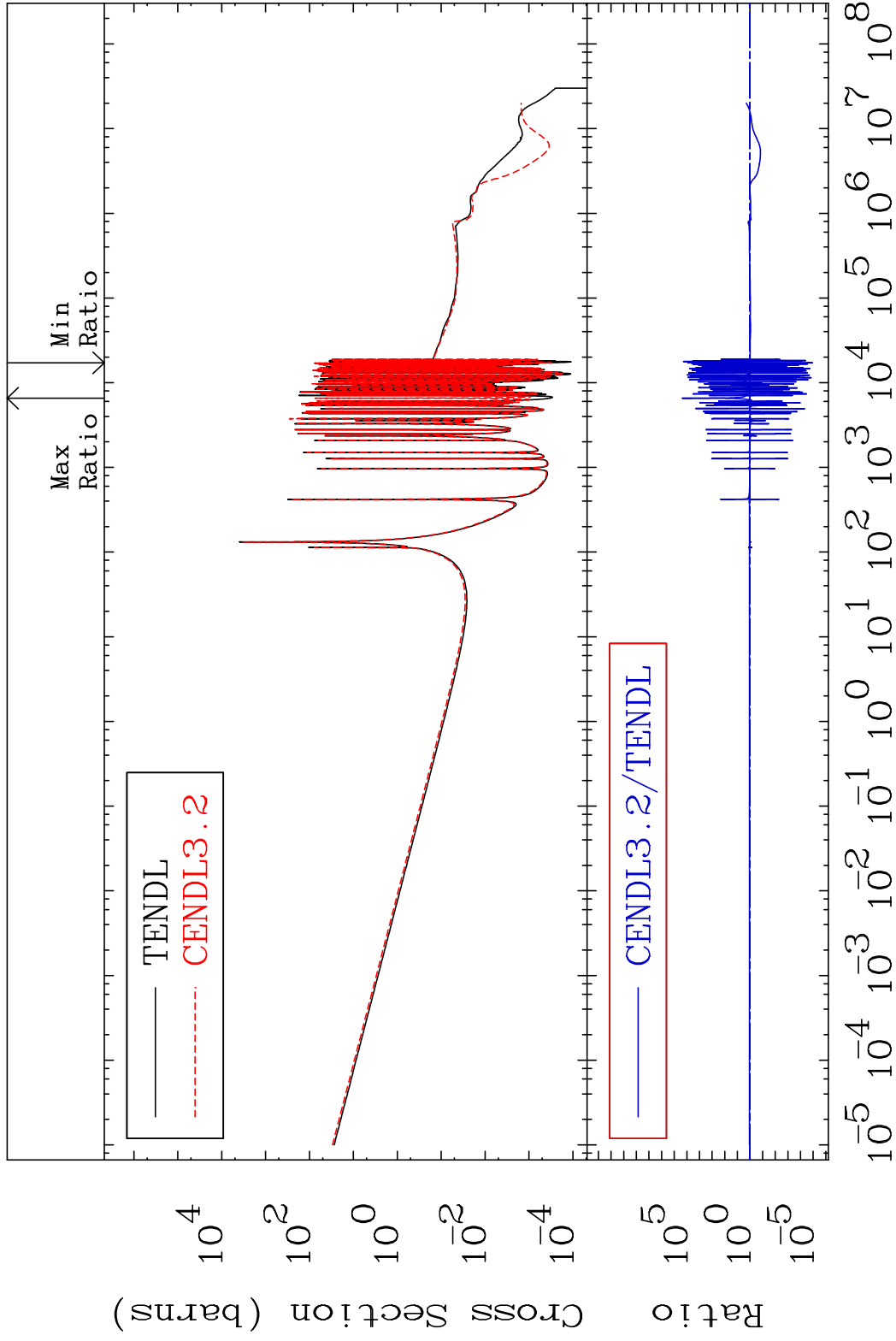
42-Mo-96

MAT 4237

(n, γ)

42-Mo-96

Cross Section -100.0 To 9999. %



17

Incident Energy (eV)

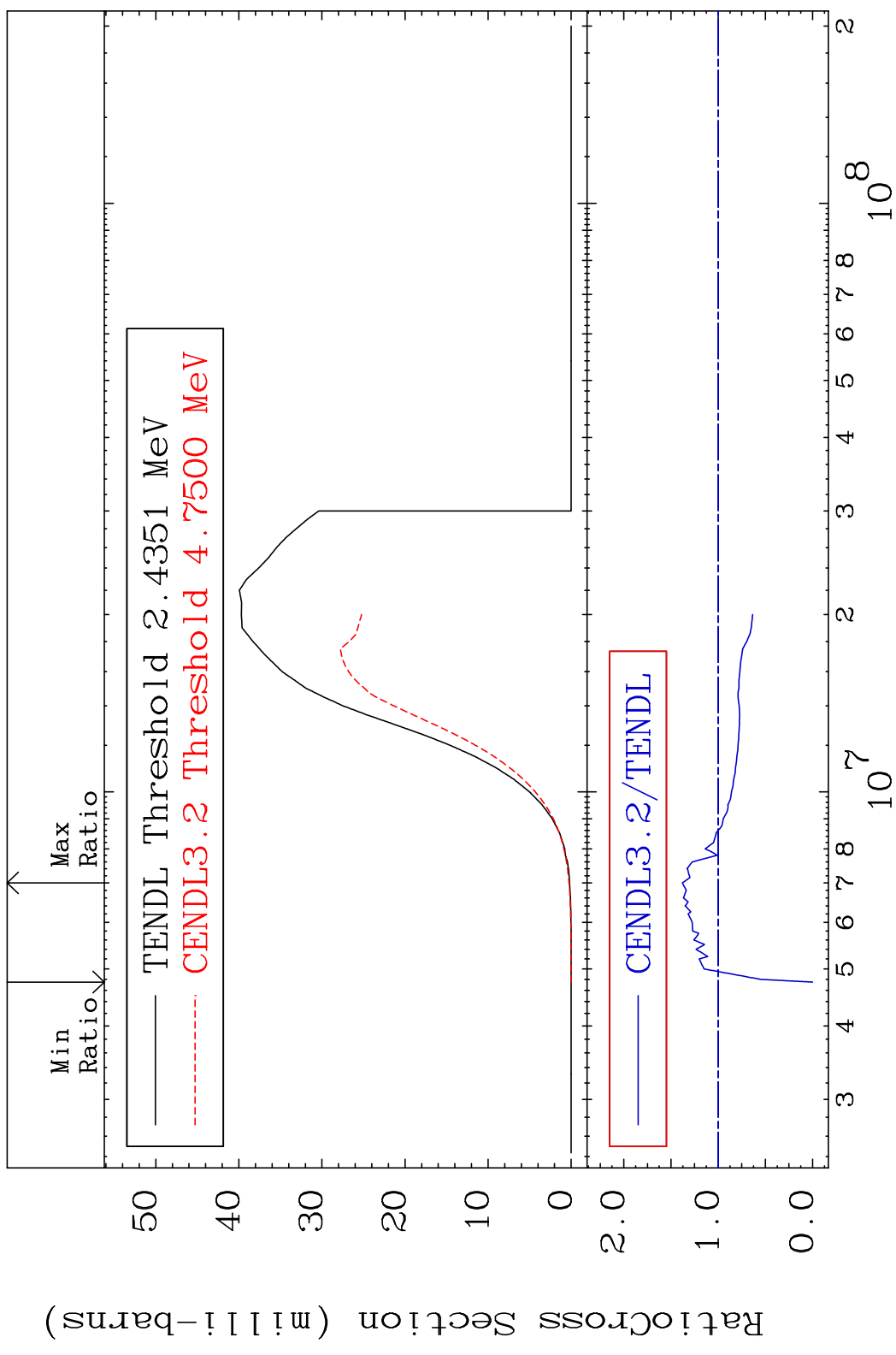
42-Mo-96

MAT 4237

(n, p)

42-Mo-96

Cross Section -100.0 To 37.96 %

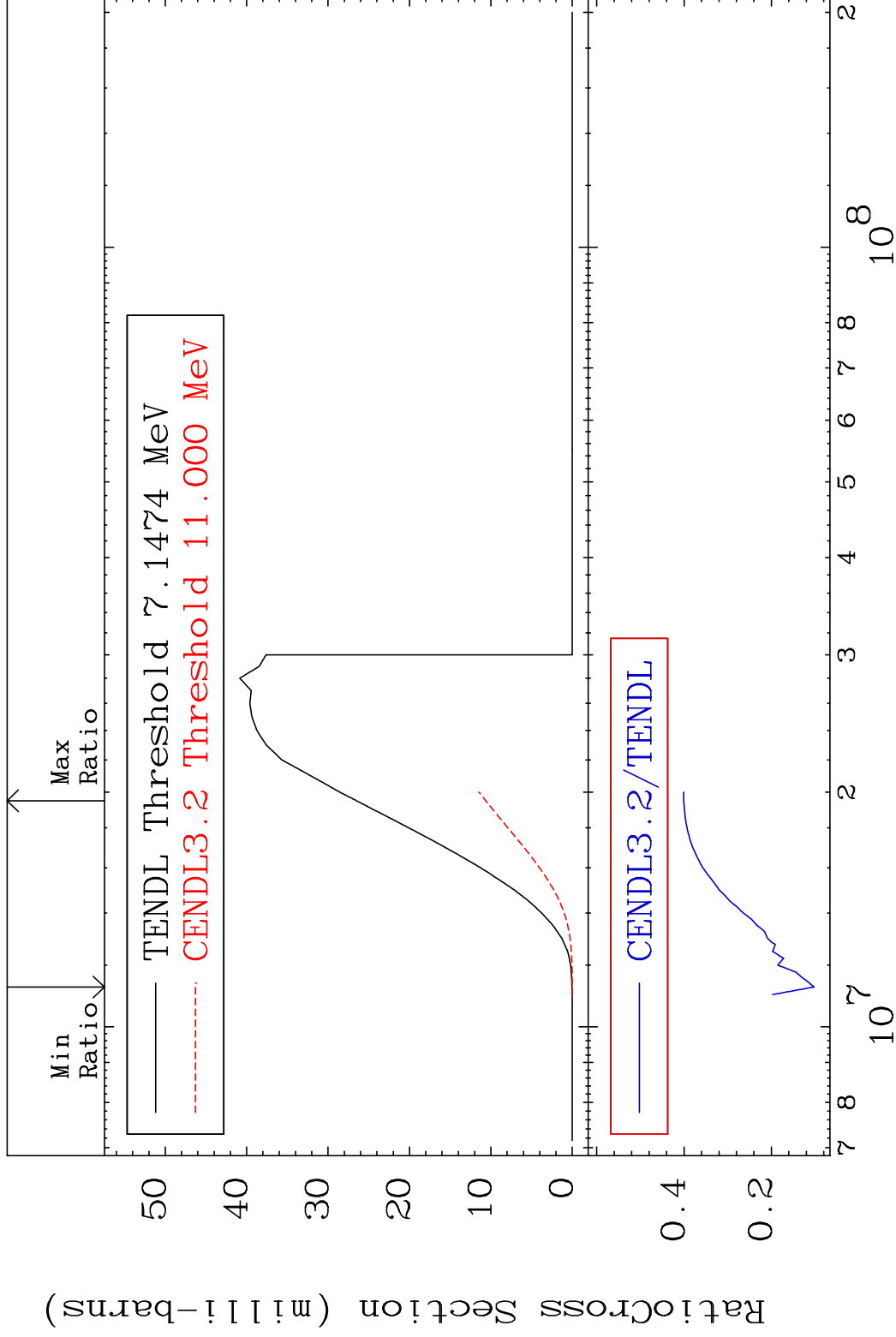


MAT 4237

(n,d)

42-Mo-96

Cross Section -89.78 To -59.91%



19

Incident Energy (eV)

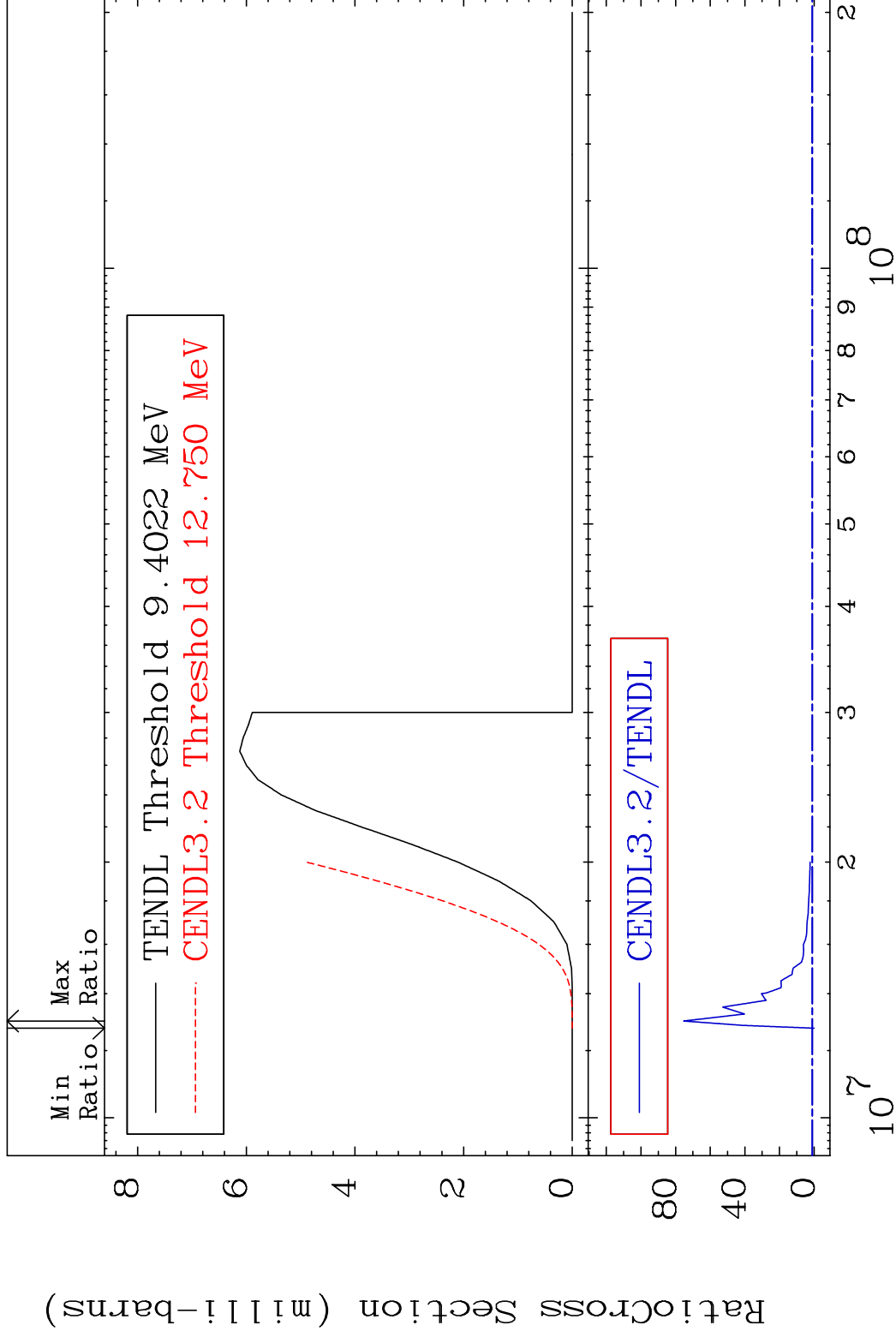
42-Mo-96

MAT 4237

(n, t)

42-Mo-96

Cross Section -100.0 To 7434. %



20

Incident Energy (eV)

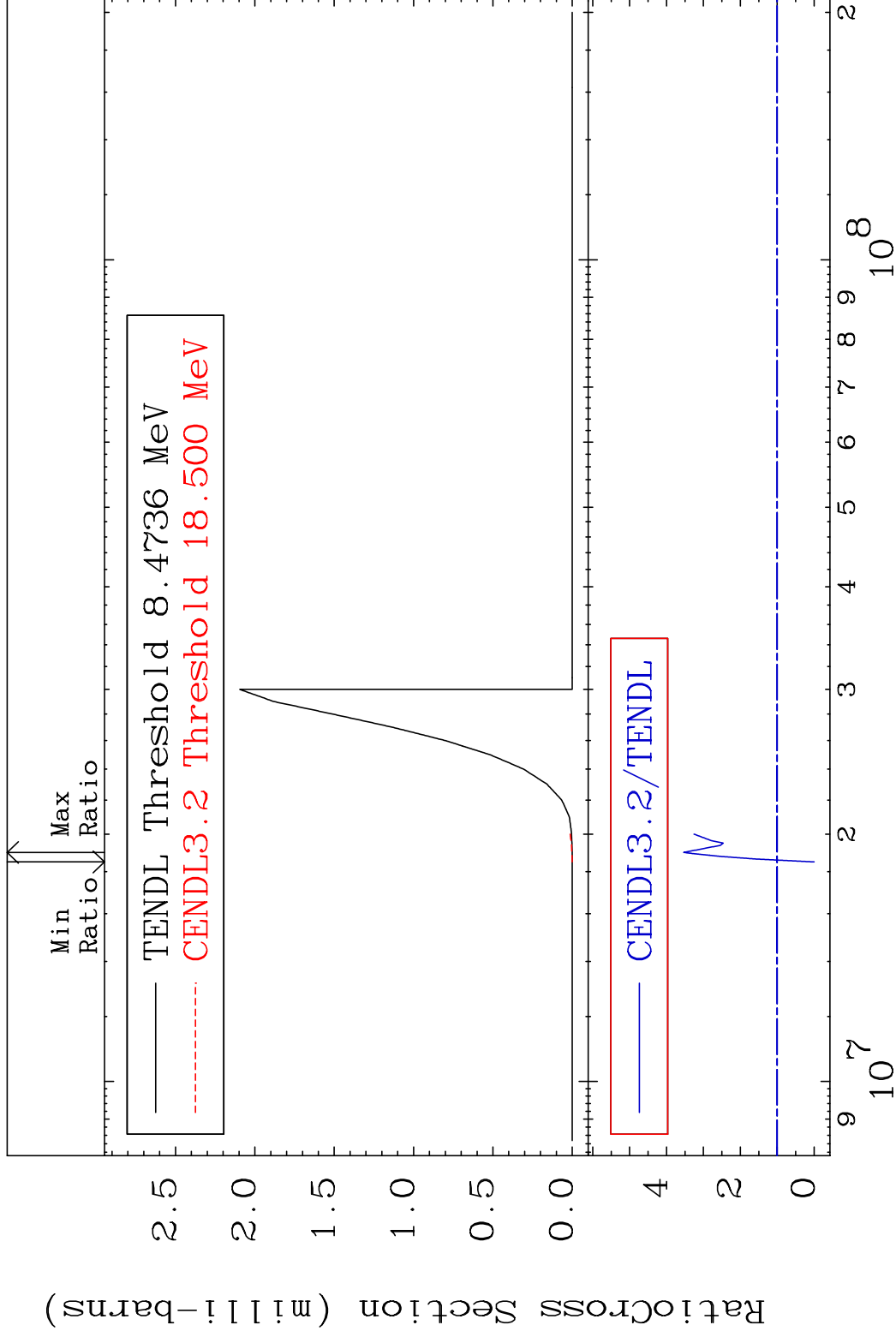
42-Mo-96

MAT 4237

(n, He-3)

42-Mo-96

Cross Section -100.0 To 253.6 %



21

Incident Energy (eV)

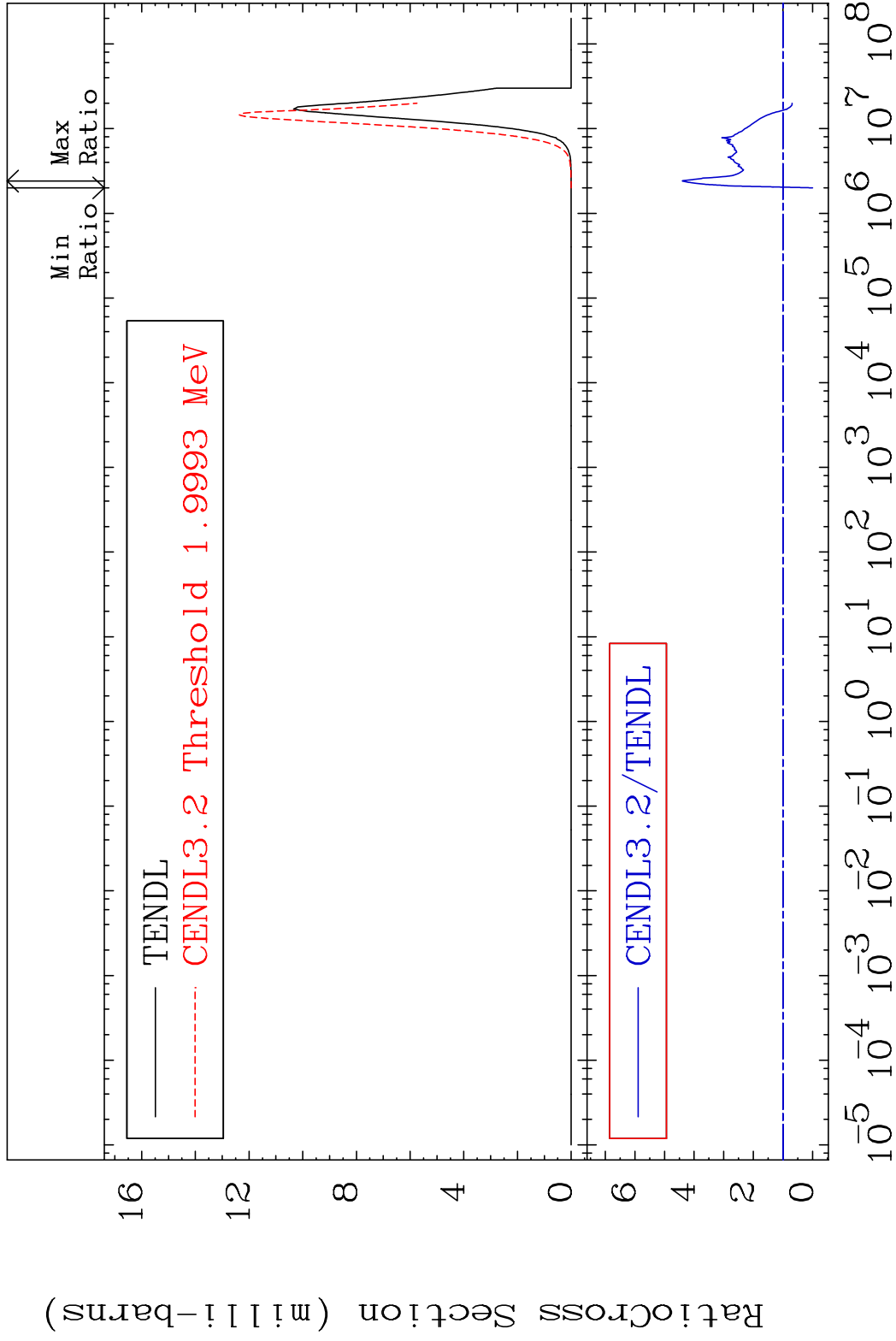
42-Mo-96

MAT 4237

(n, α)

42-Mo-96

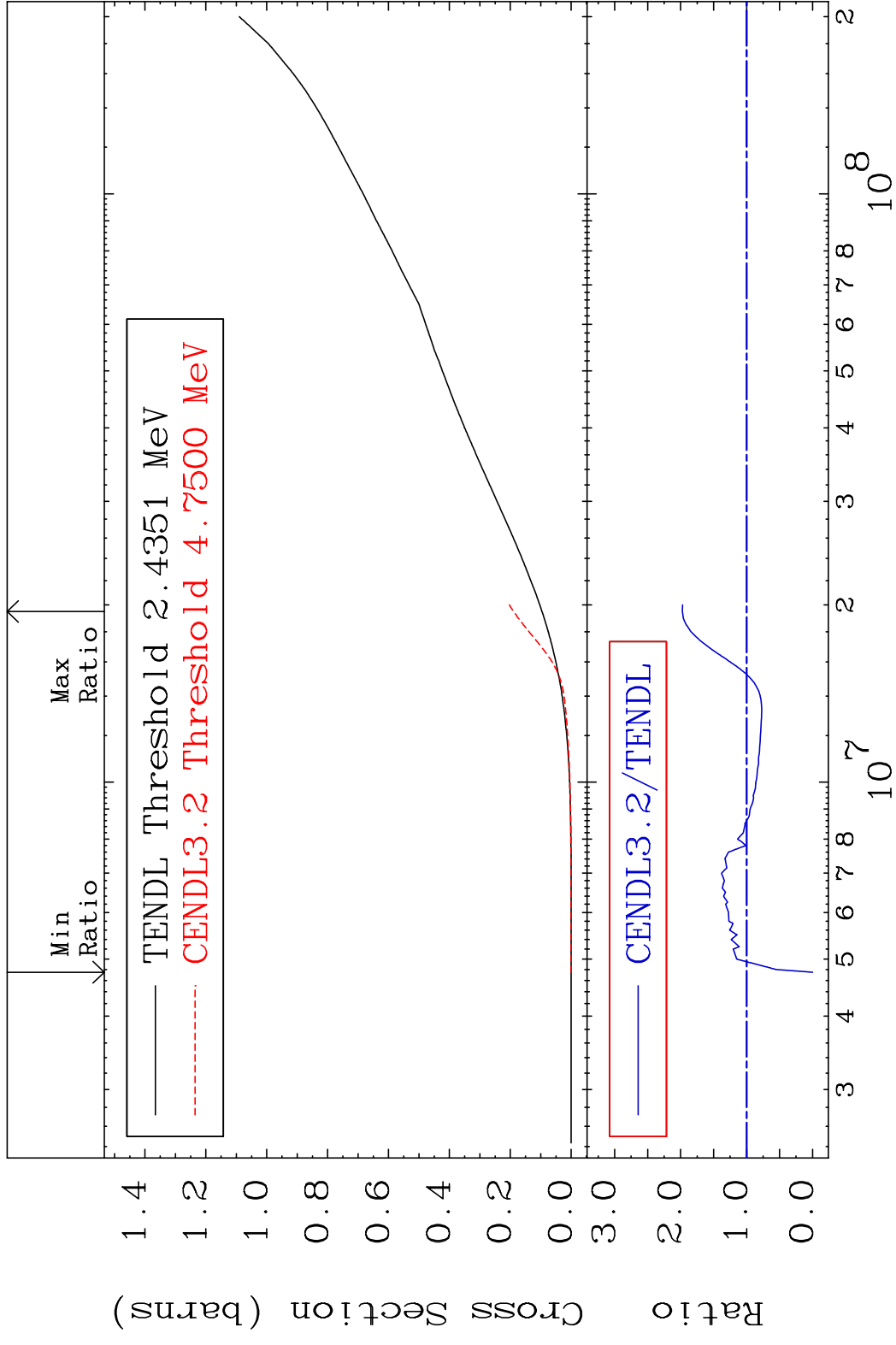
Cross Section -100.0 To 339.7 %



22

Incident Energy (eV)

42-Mo-96

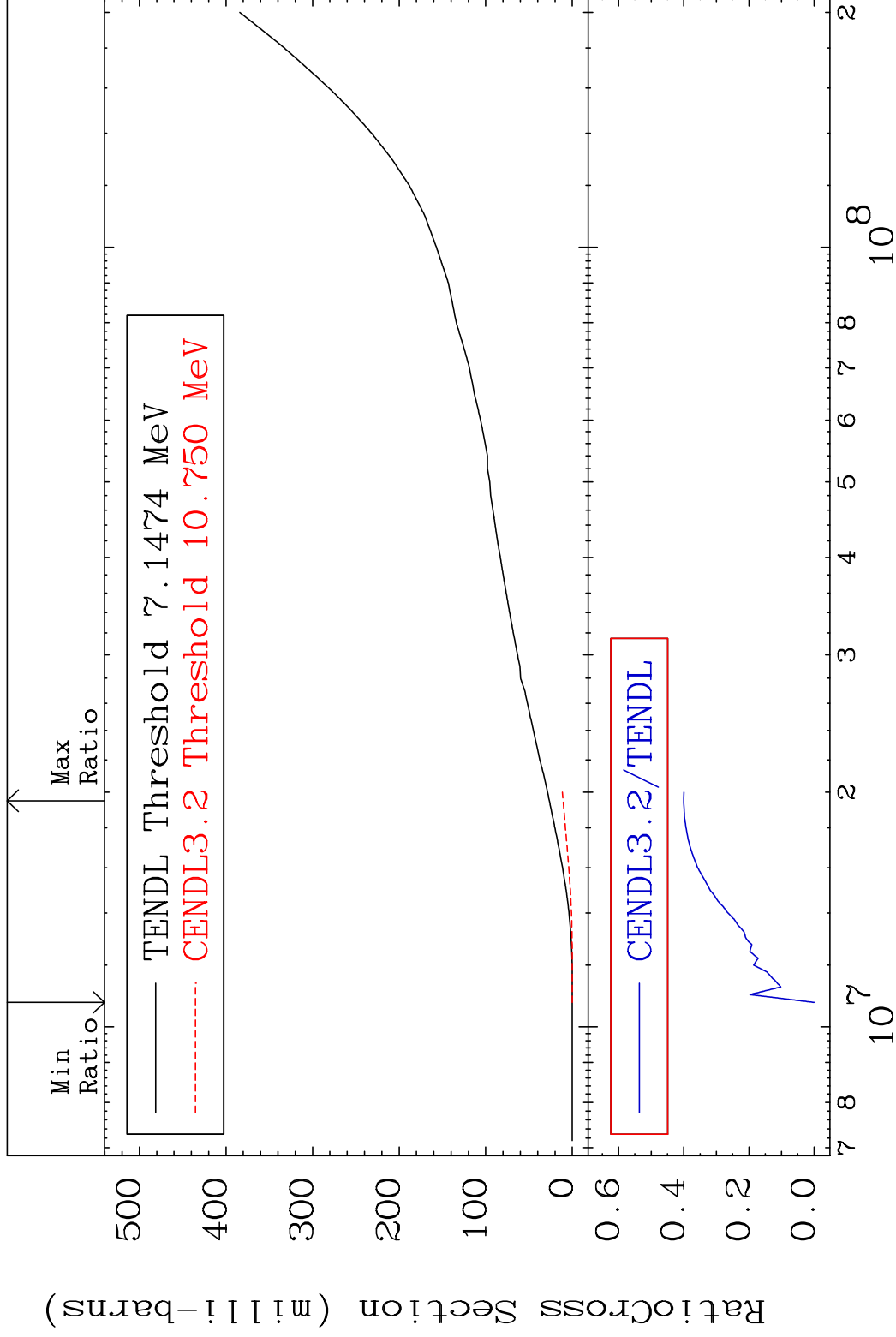


MAT 4237

Deuterium Production

42-Mo-96

Cross Section -100.0 To -59.97%



24

Incident Energy (eV)

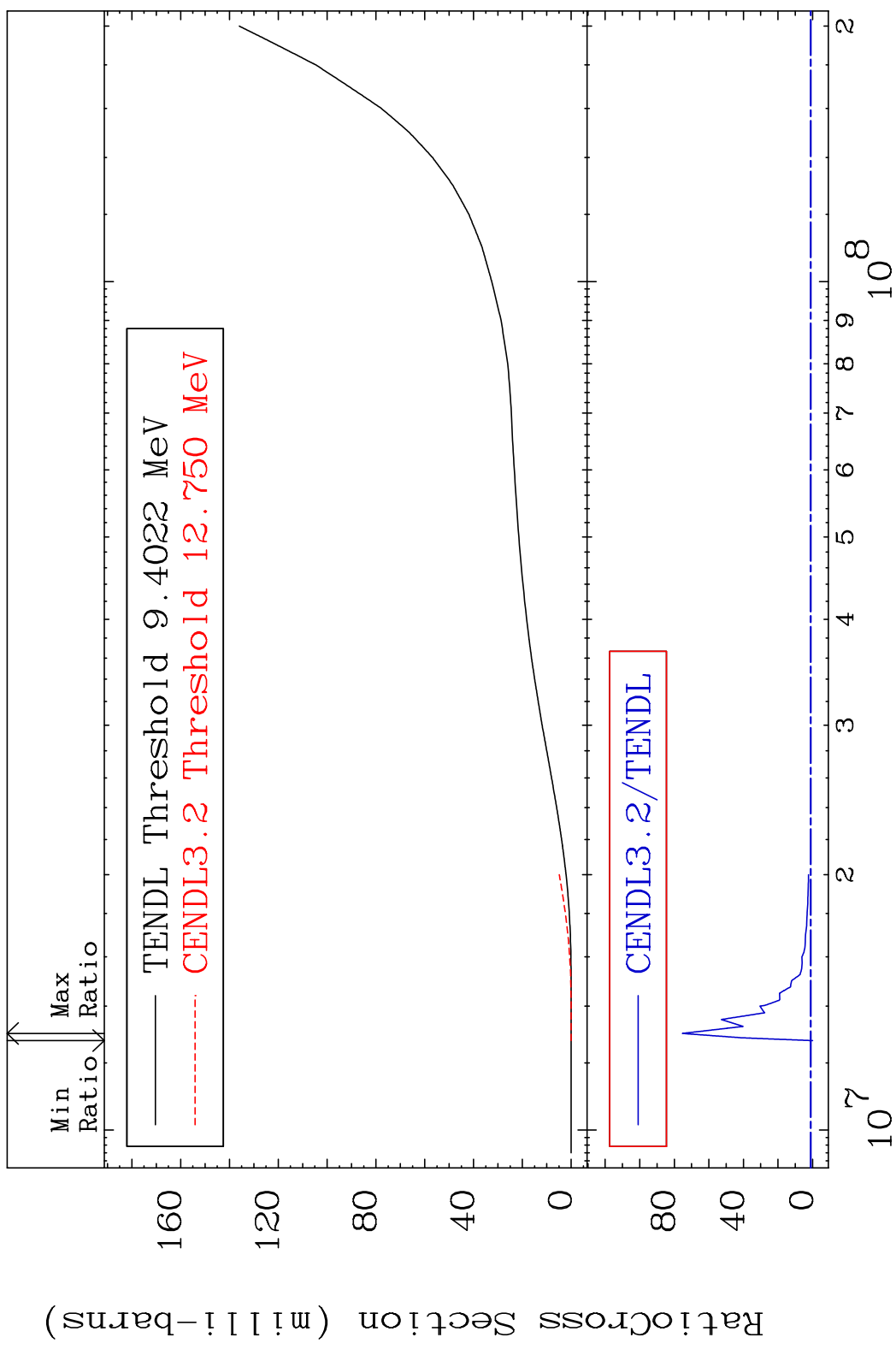
42-Mo-96

MAT 4237

Tritium Production

42-Mo-96

Cross Section -100.0 To 7434. %



25

Incident Energy (eV)

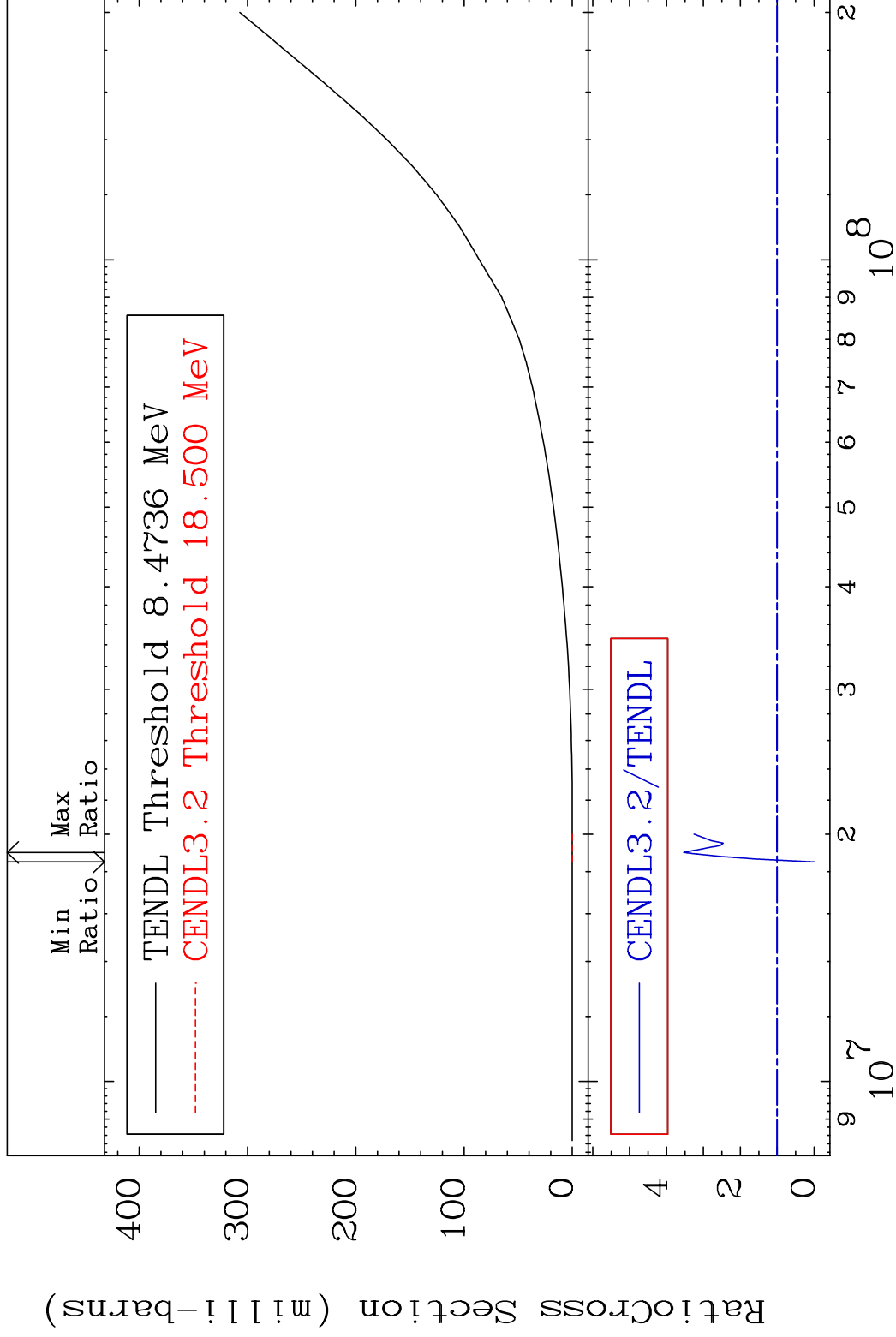
42-Mo-96

MAT 4237

He-3 Production

42-Mo-96

Cross Section -100.0 To 253.6 %



26

Incident Energy (eV)

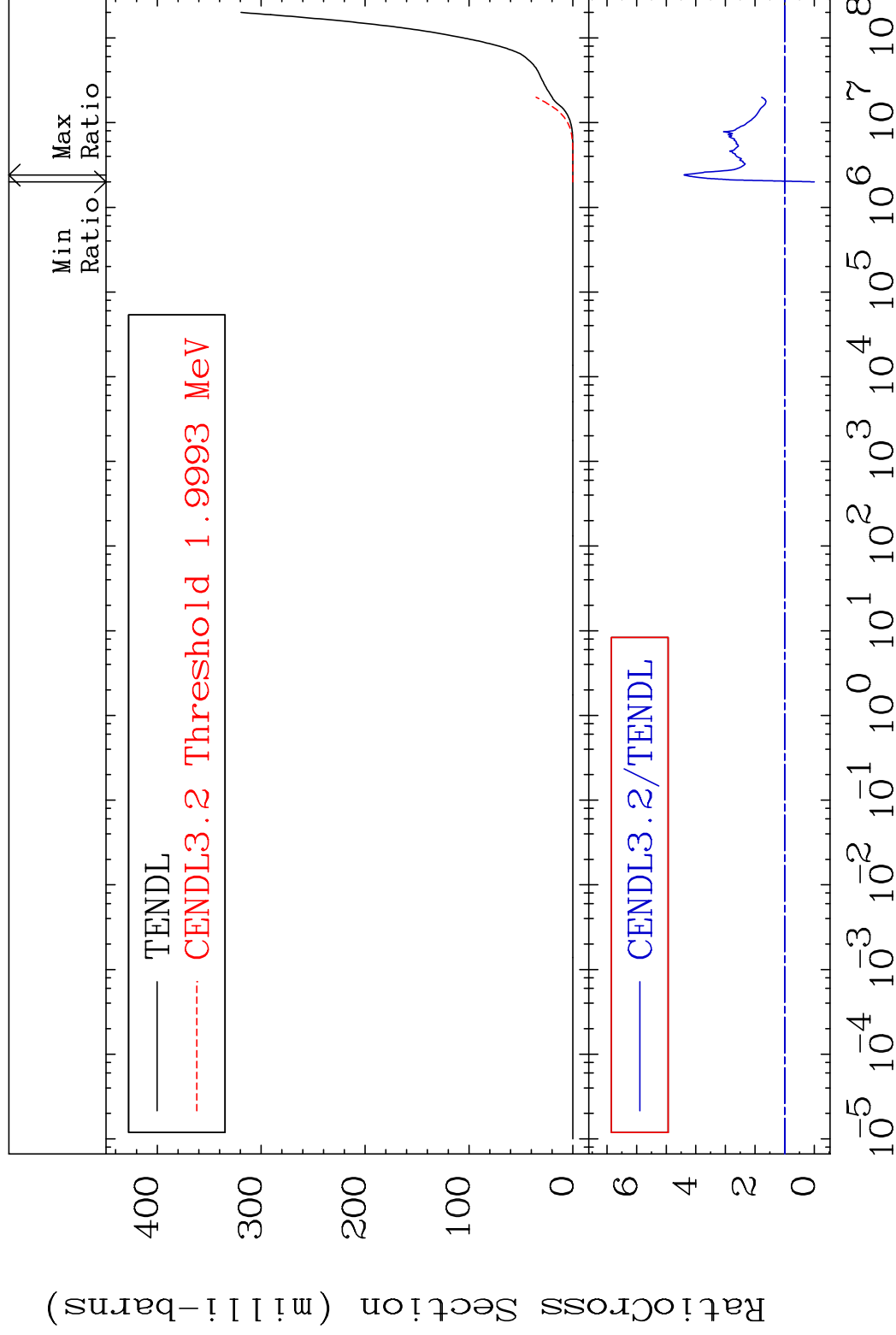
42-Mo-96

MAT 4237

He-4 Production

42-Mo-96

Cross Section -100.0 To 339.7 %

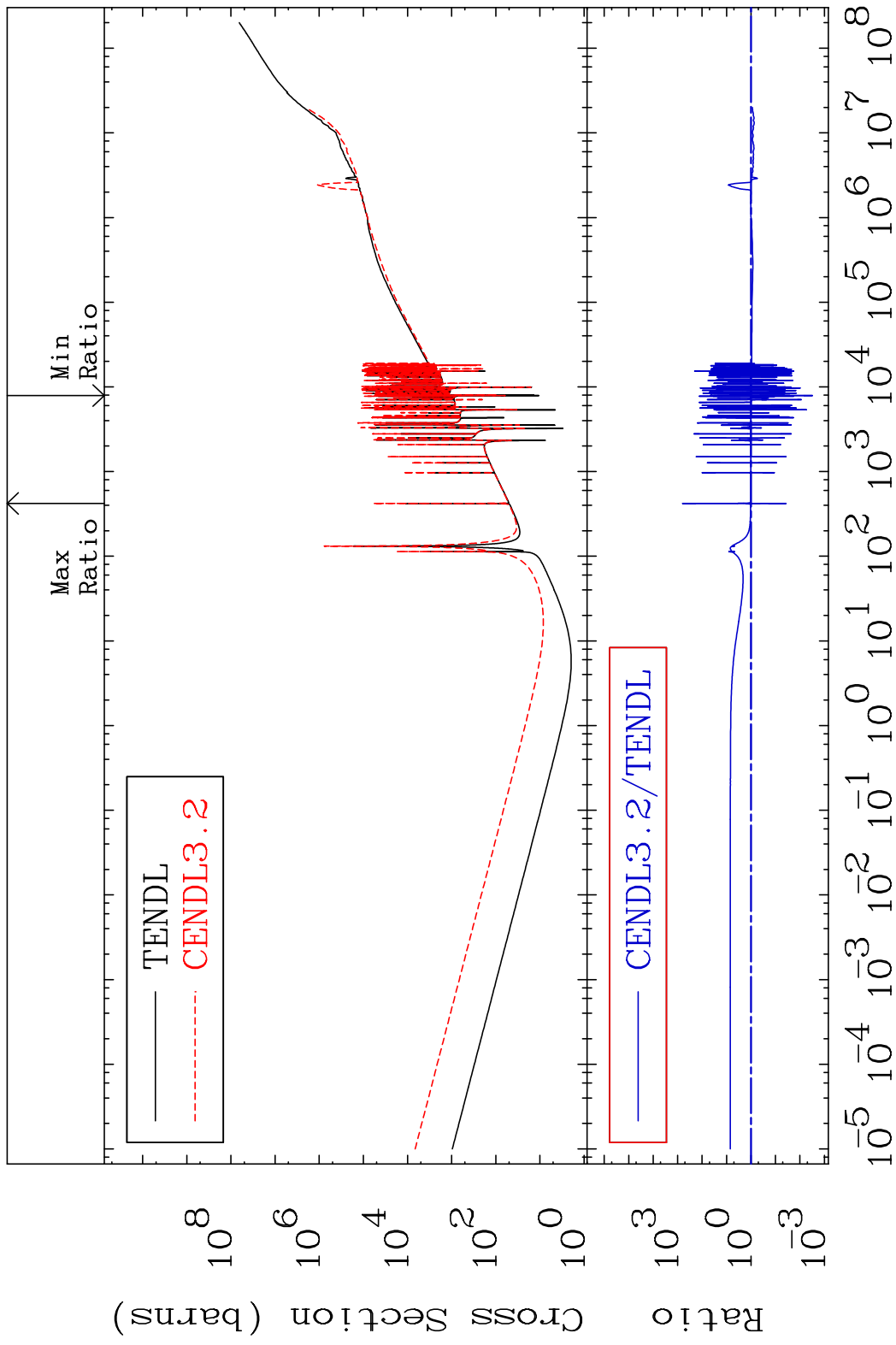


27

Incident Energy (eV)

42-Mo-96

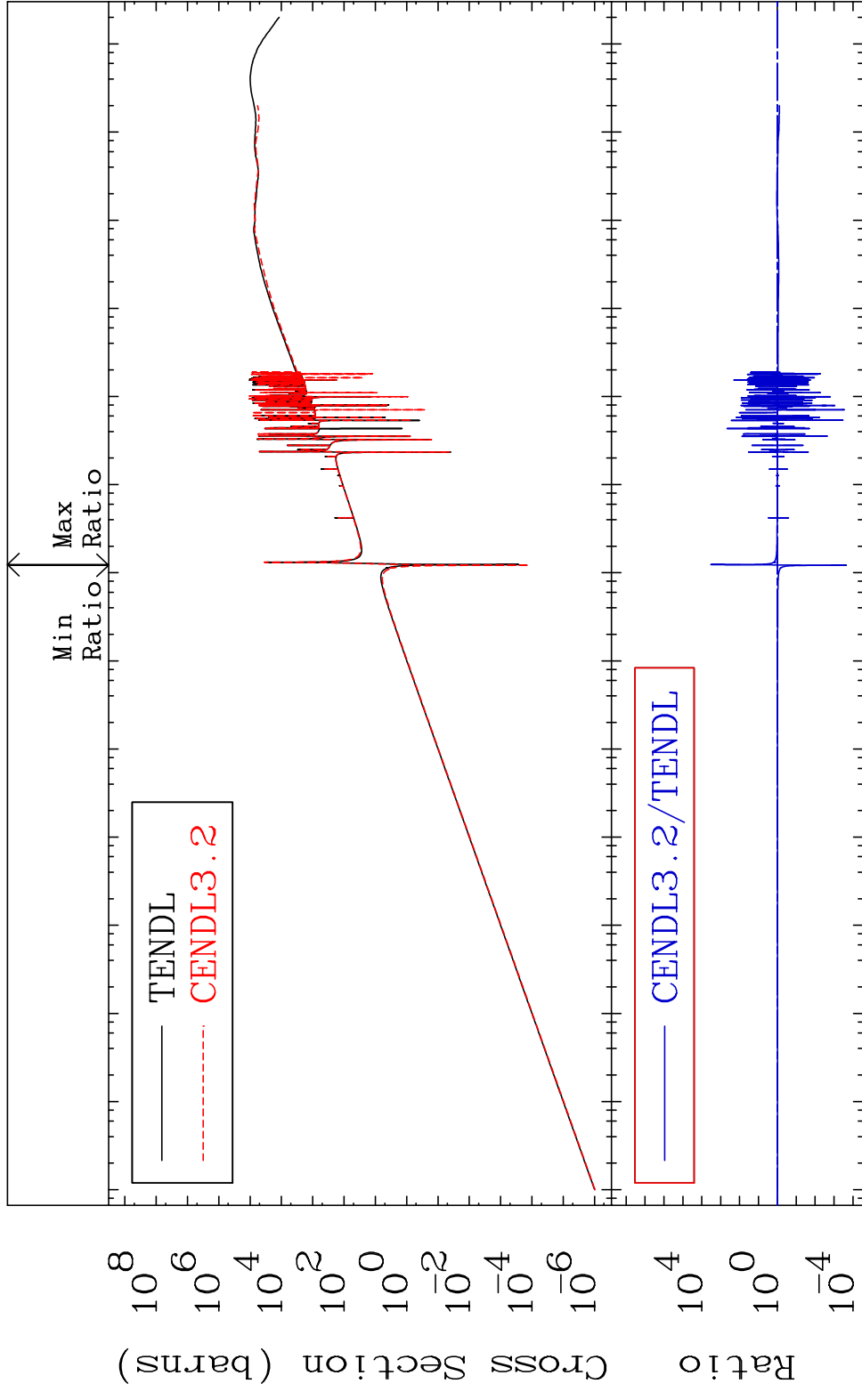
MAT 4237 Kerma total (eV-barns) 42-Mo-96
 Cross Section -99.70 To 9999. %



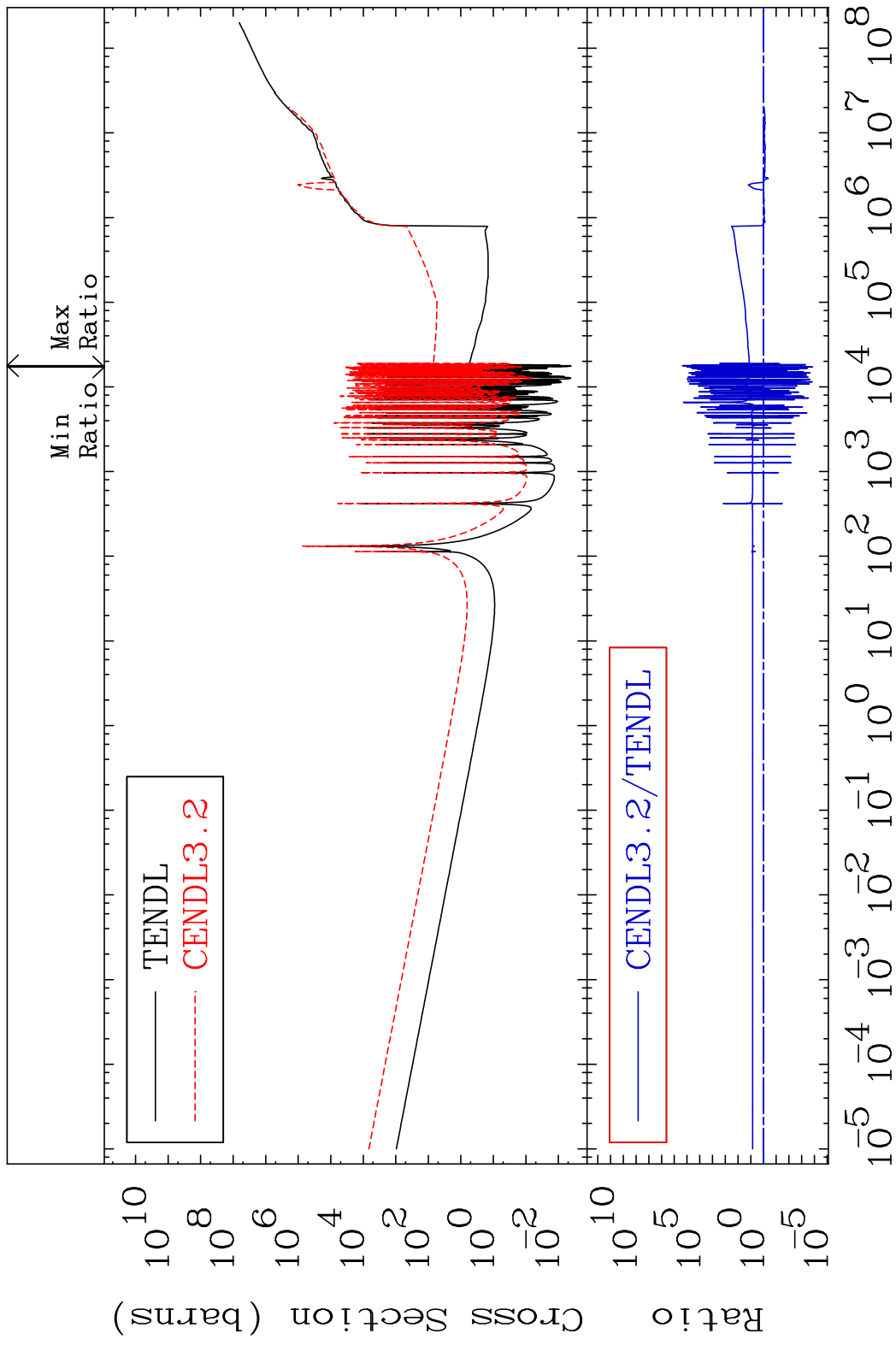
MAT 4237

Kerma elastic
Cross Section

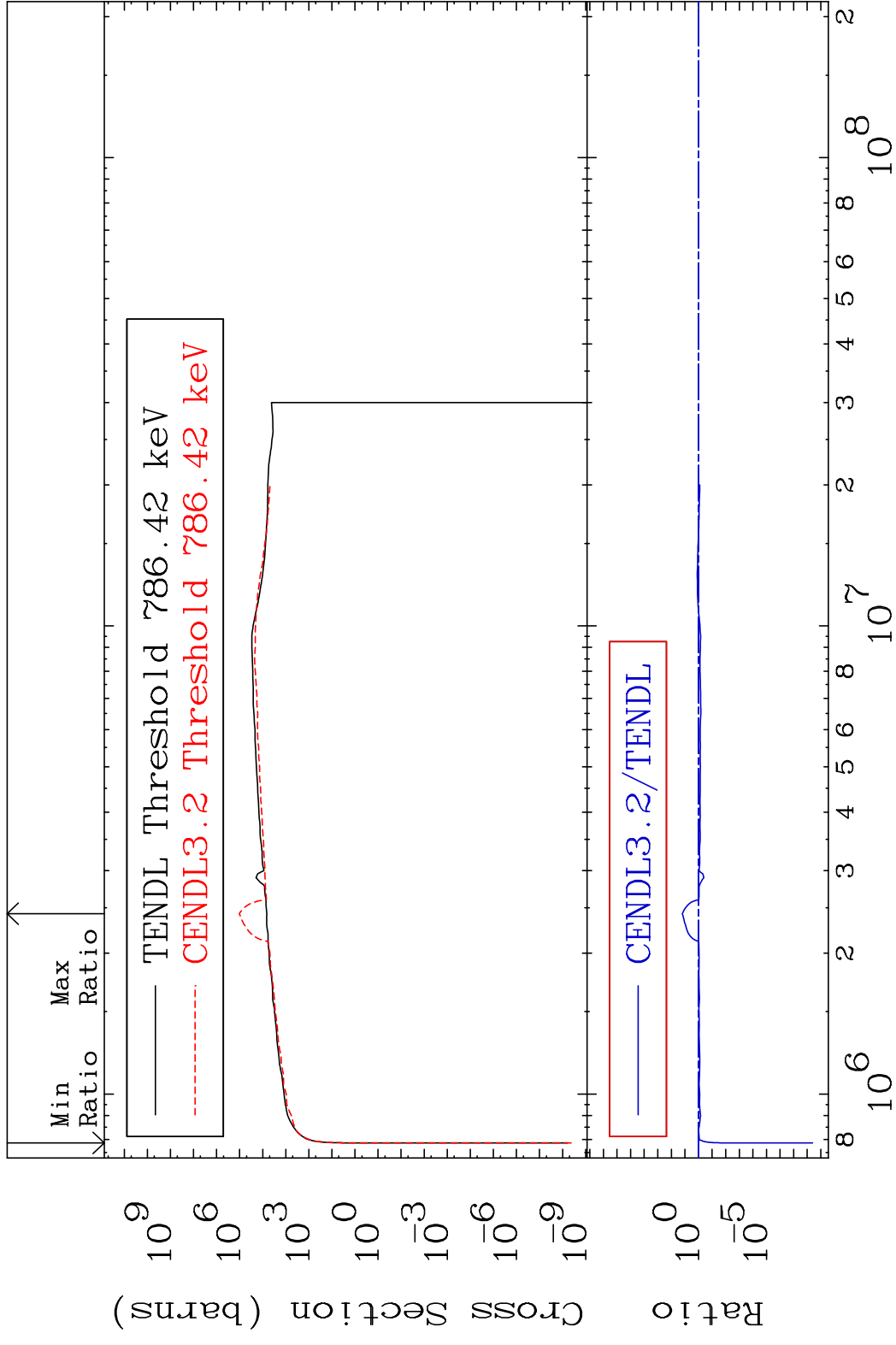
-99.98 To 9999. %
42-Mo-96



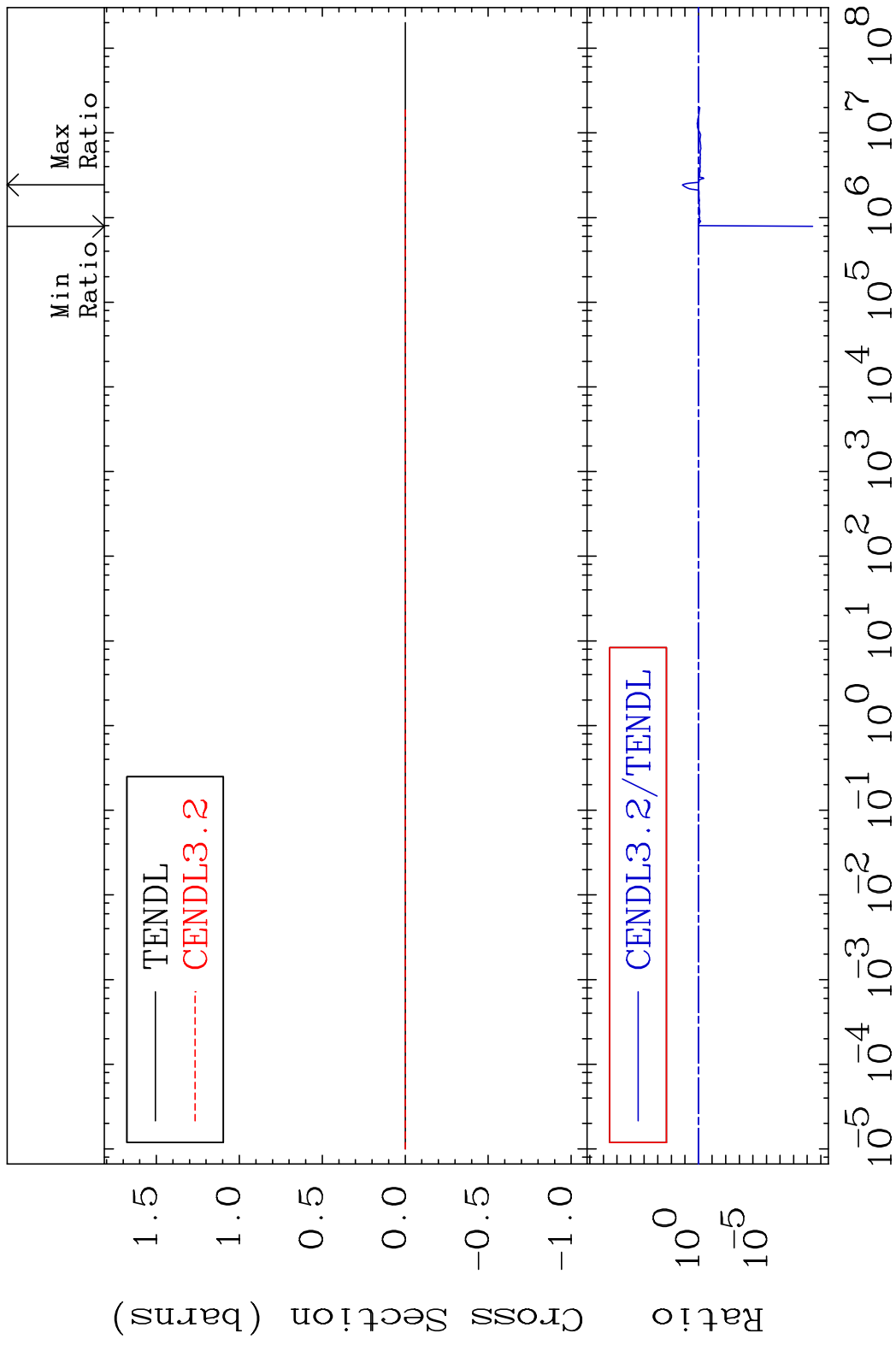
MAT 4237 Kerma non-elastic (all but mt2) 42-Mo-96
 Cross Section -99.99 To 9999. %



MAT 4237 Kerma inelastic (mt51-91) 42-Mo-96
 Cross Section -100.0 To 1451. %

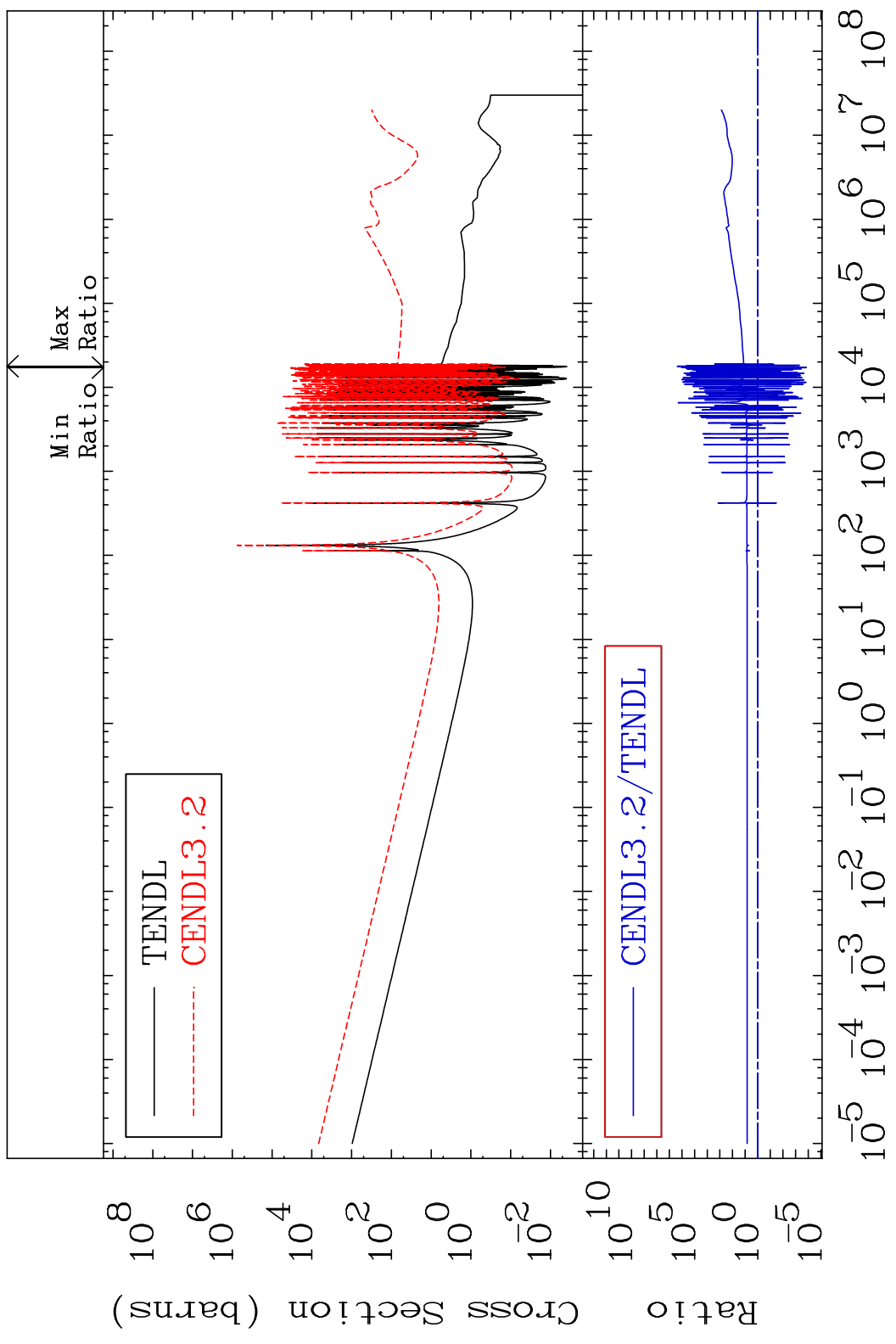


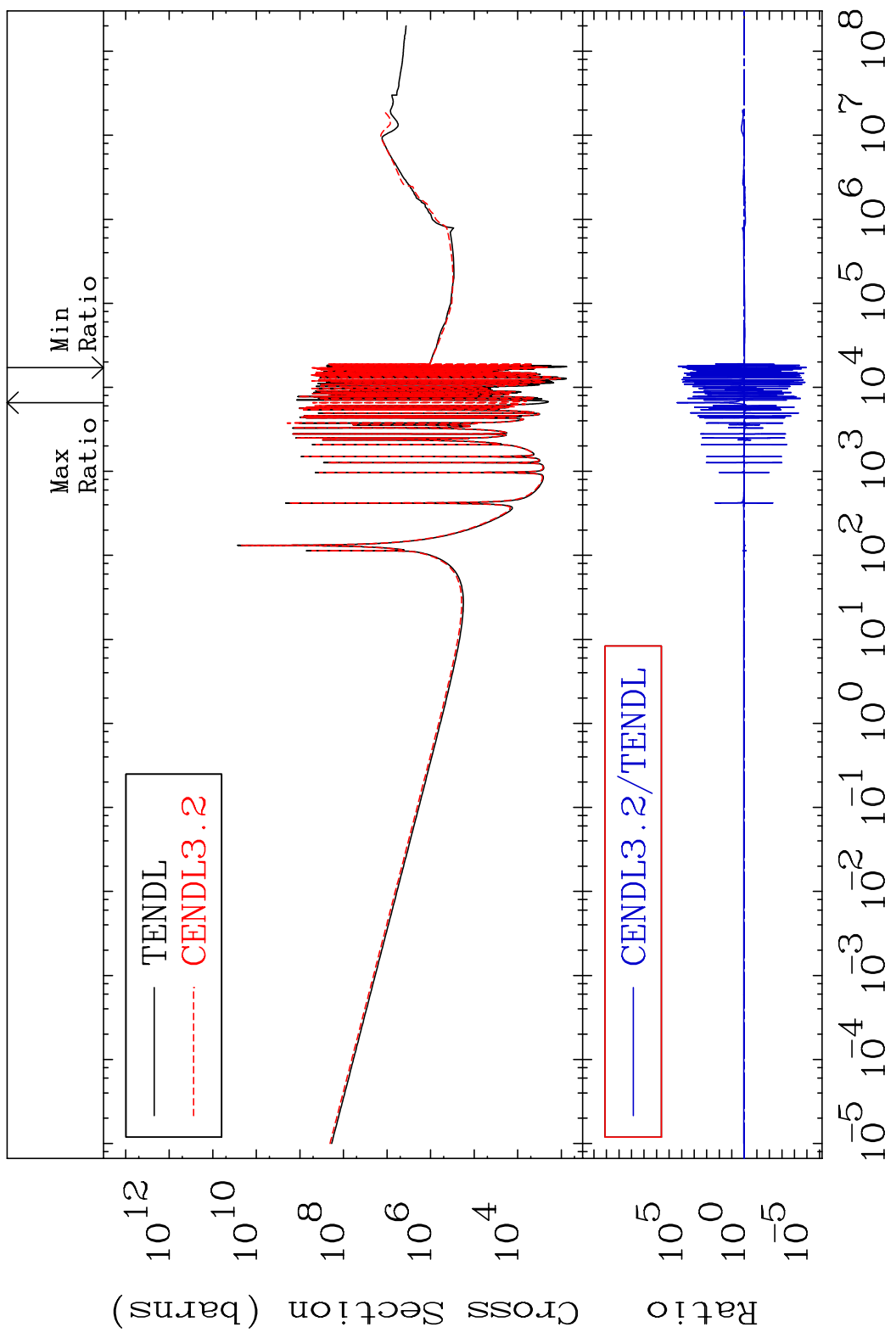
MAT 4237 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-96
 Cross Section -100.0 To 1451. %



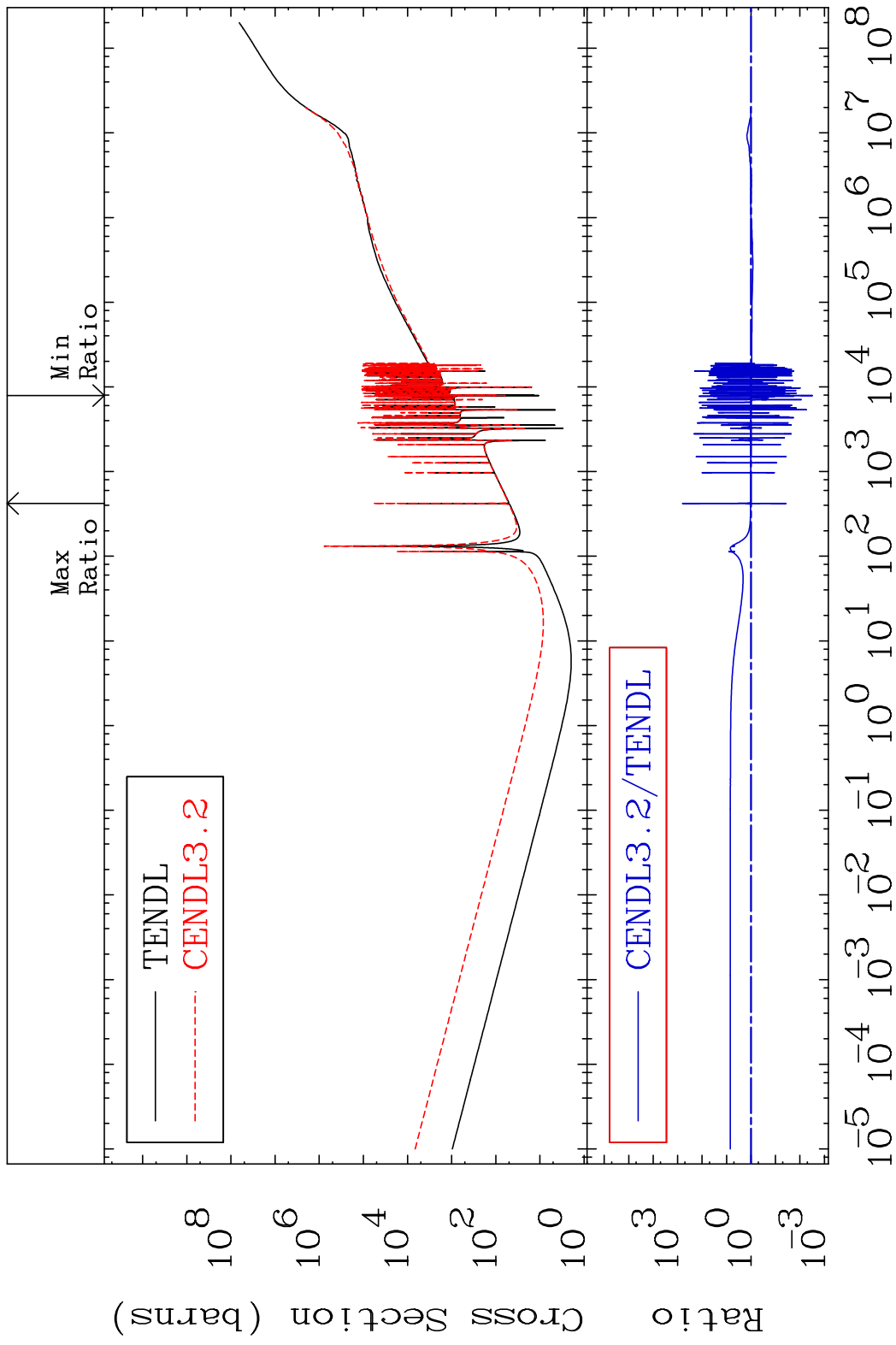
MAT 4237

Kerma capture (mt102) 42-Mo-96
Cross Section -99.99 To 9999. %





MAT 4237 Total kinematic kerma (high limit) 42-Mo-96
 Cross Section -99.70 To 9999. %

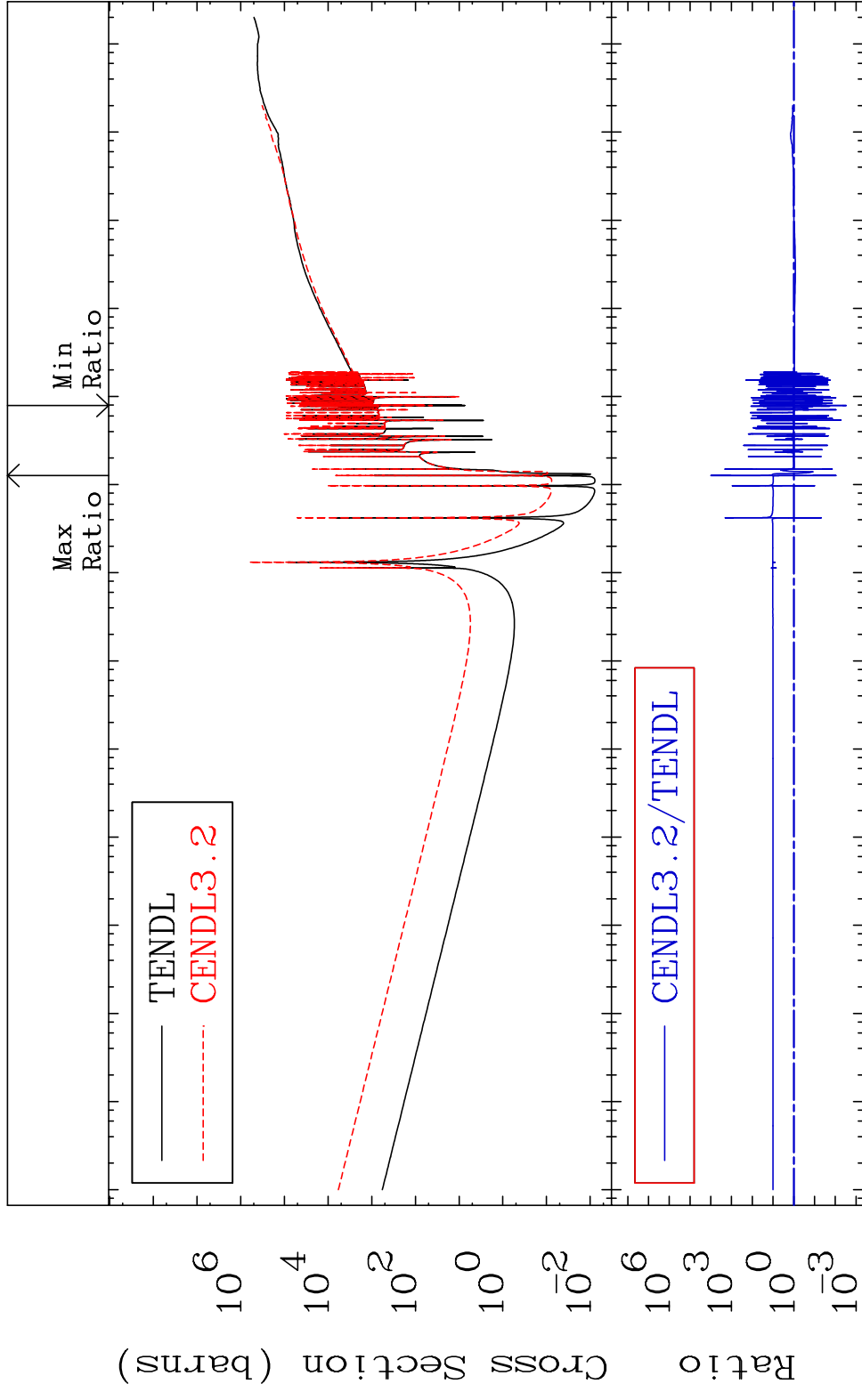


MAT 4237

Dpa total (eV-barns)

42-Mo-96

Cross Section -99.71 To 9999. %



36

Incident Energy (eV)

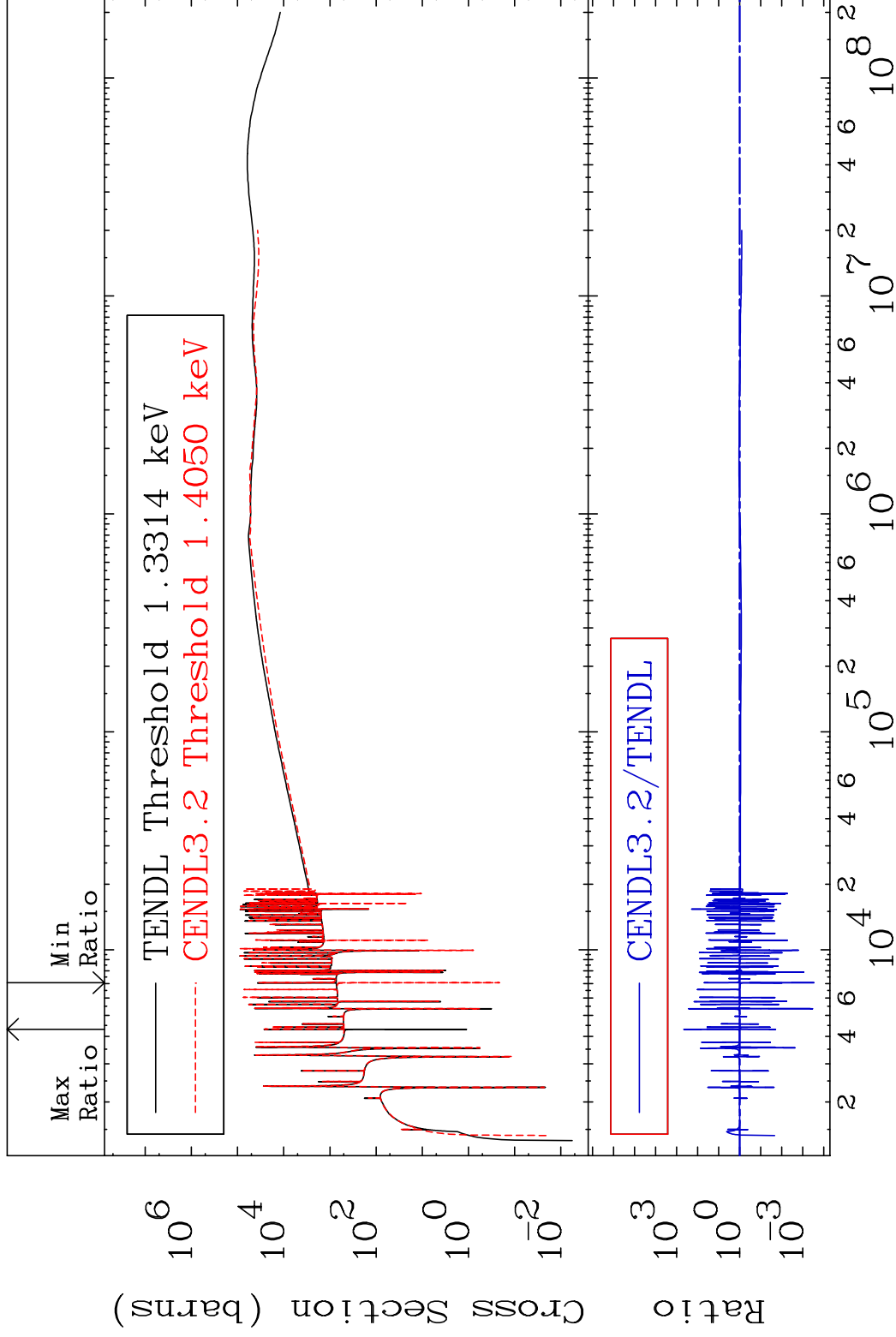
42-Mo-96

MAT 4237

Dpa elastic (mt2)

42-Mo-96

Cross Section -99.97 To 9999. %

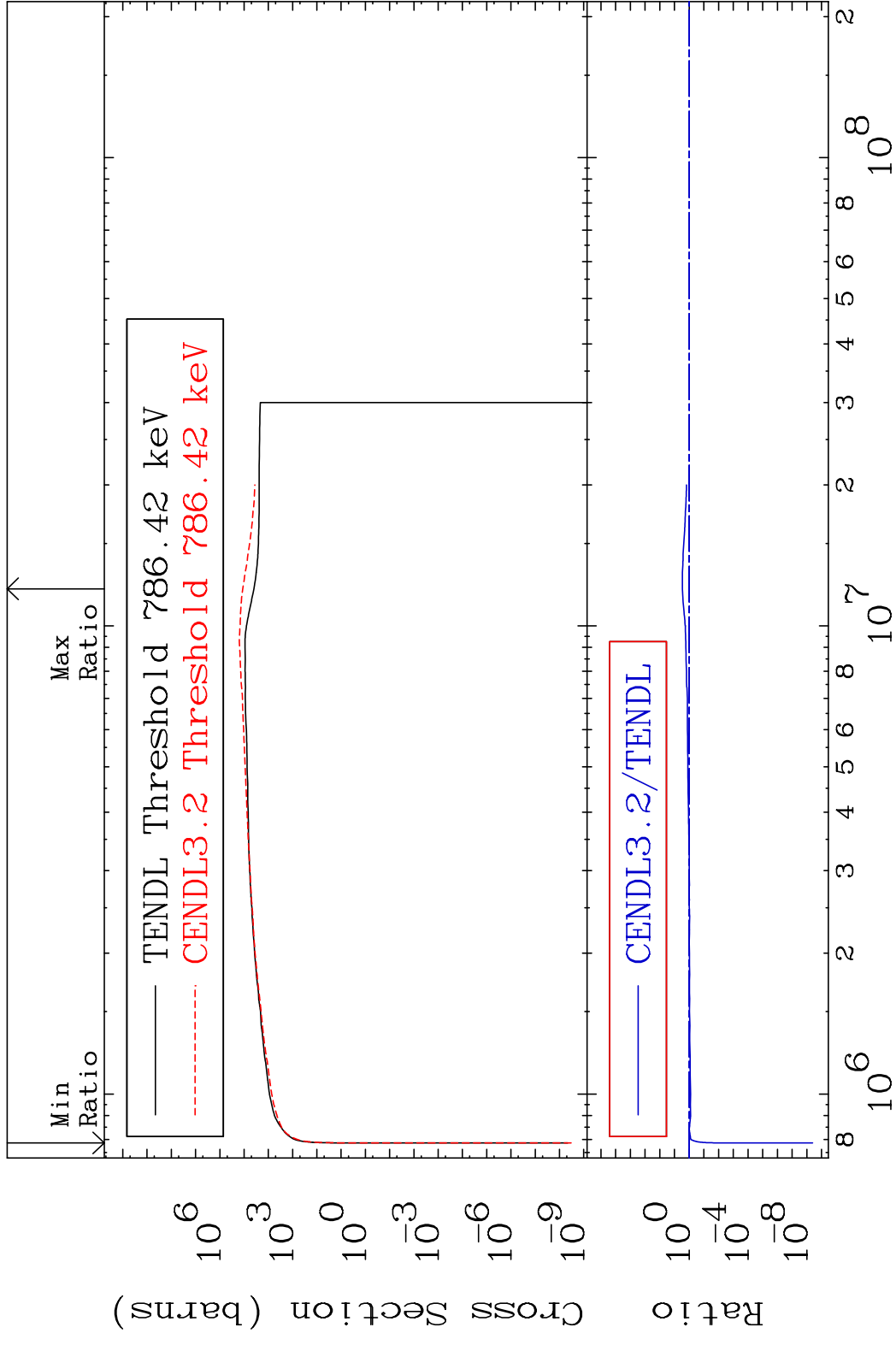


37

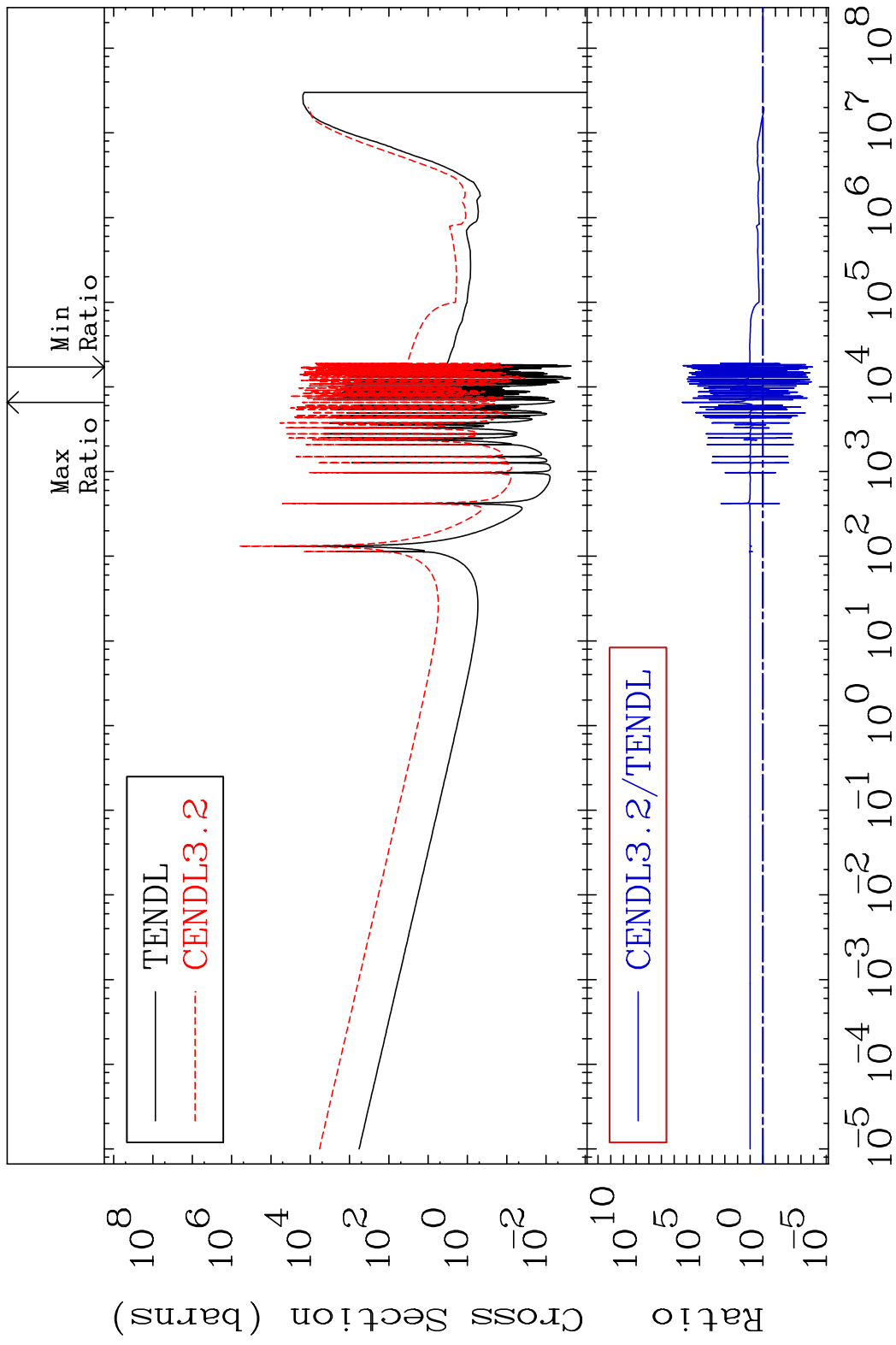
Incident Energy (eV)

42-Mo-96

MAT 4237 Dpa inelastic (mt51-91) 42-Mo-96
 Cross Section -100.0 To 189.0 %



MAT 4237 Dpa disappearance (mt102 -120) 42-Mo-96
 Cross Section -99.99 To 9999. %

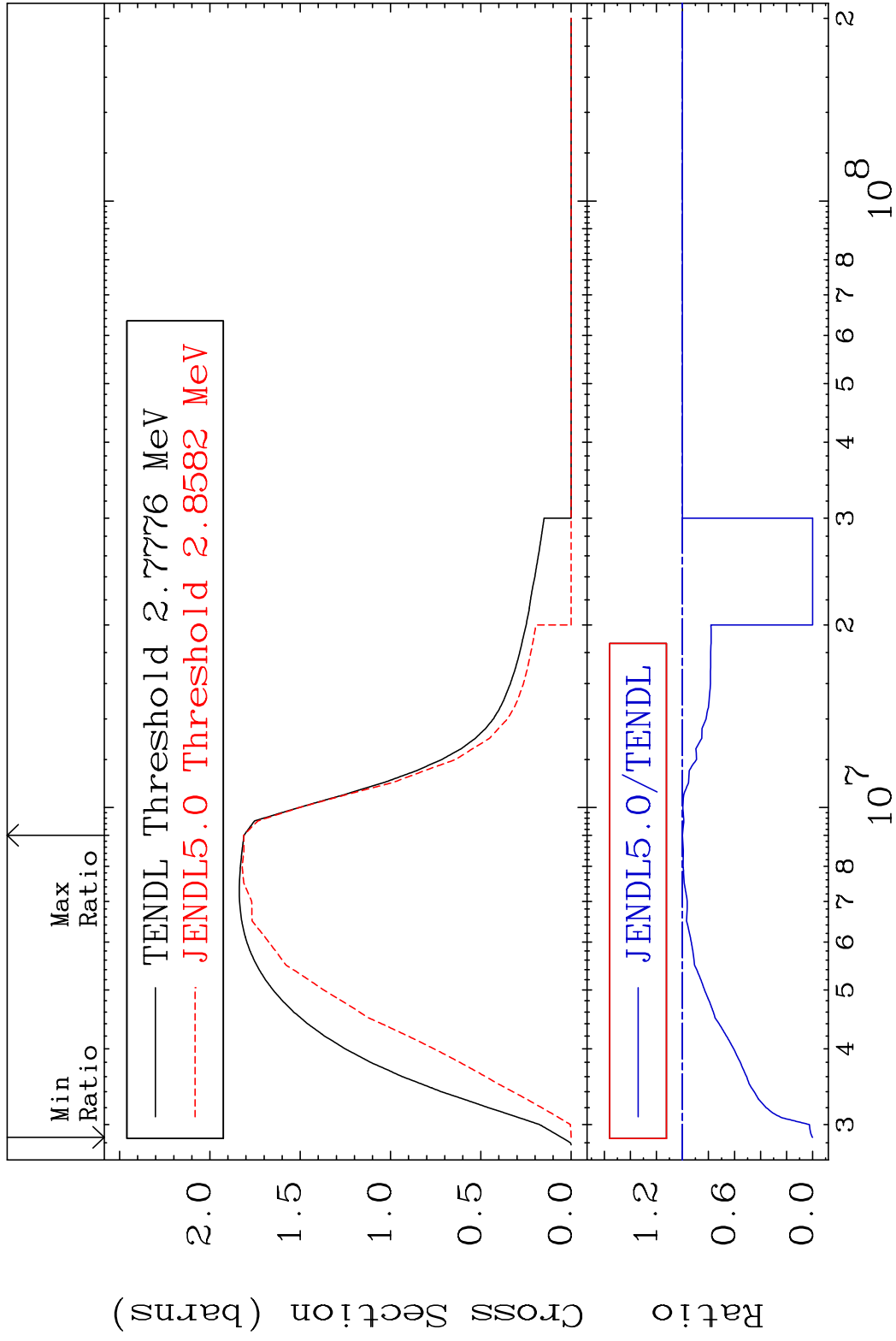


MAT 4237

(n,n') Continuum

42-Mo-96

Cross Section -100.0 To 0.096 %



40

Incident Energy (eV)

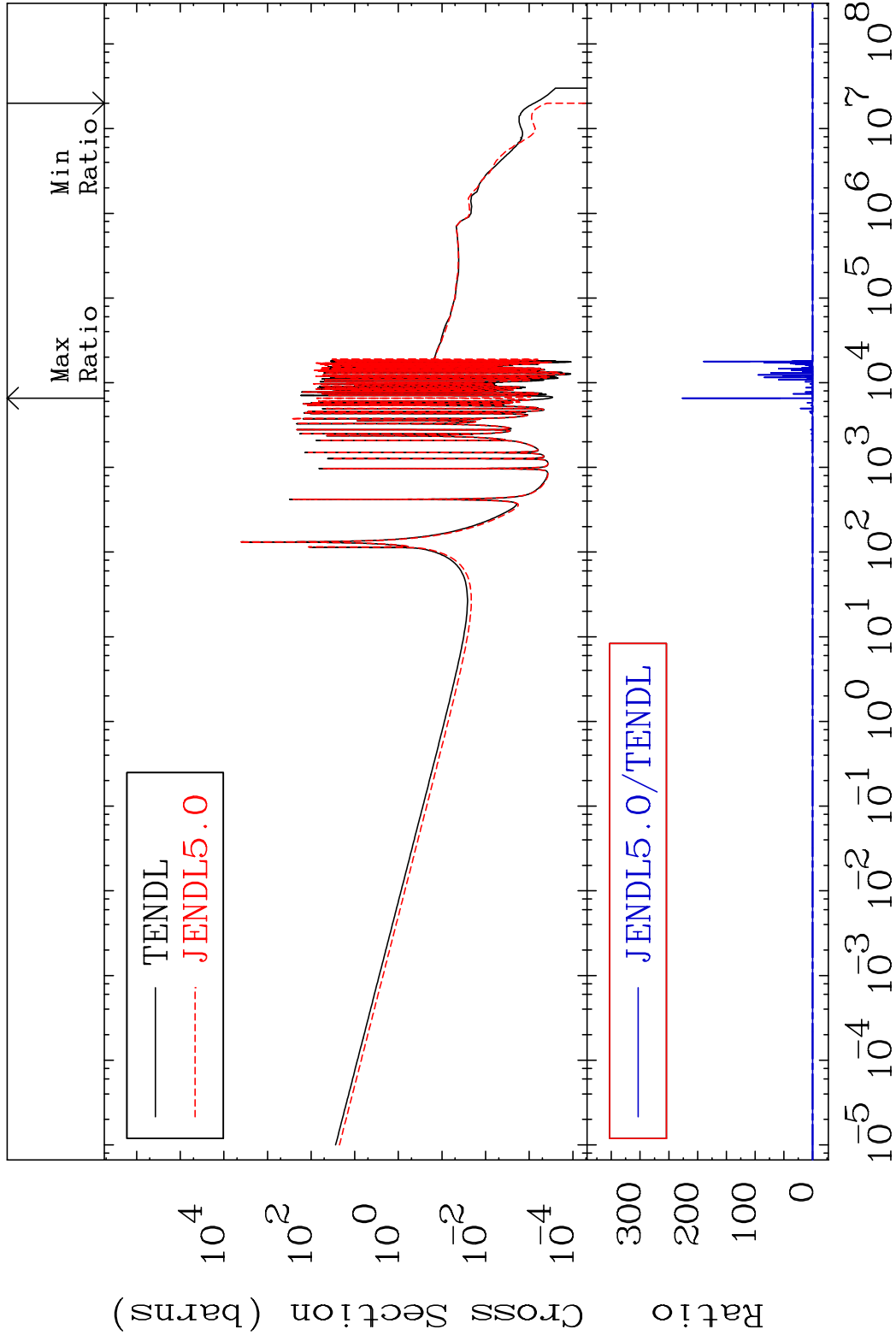
42-Mo-96

MAT 4237

(n, γ)

42-Mo-96

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

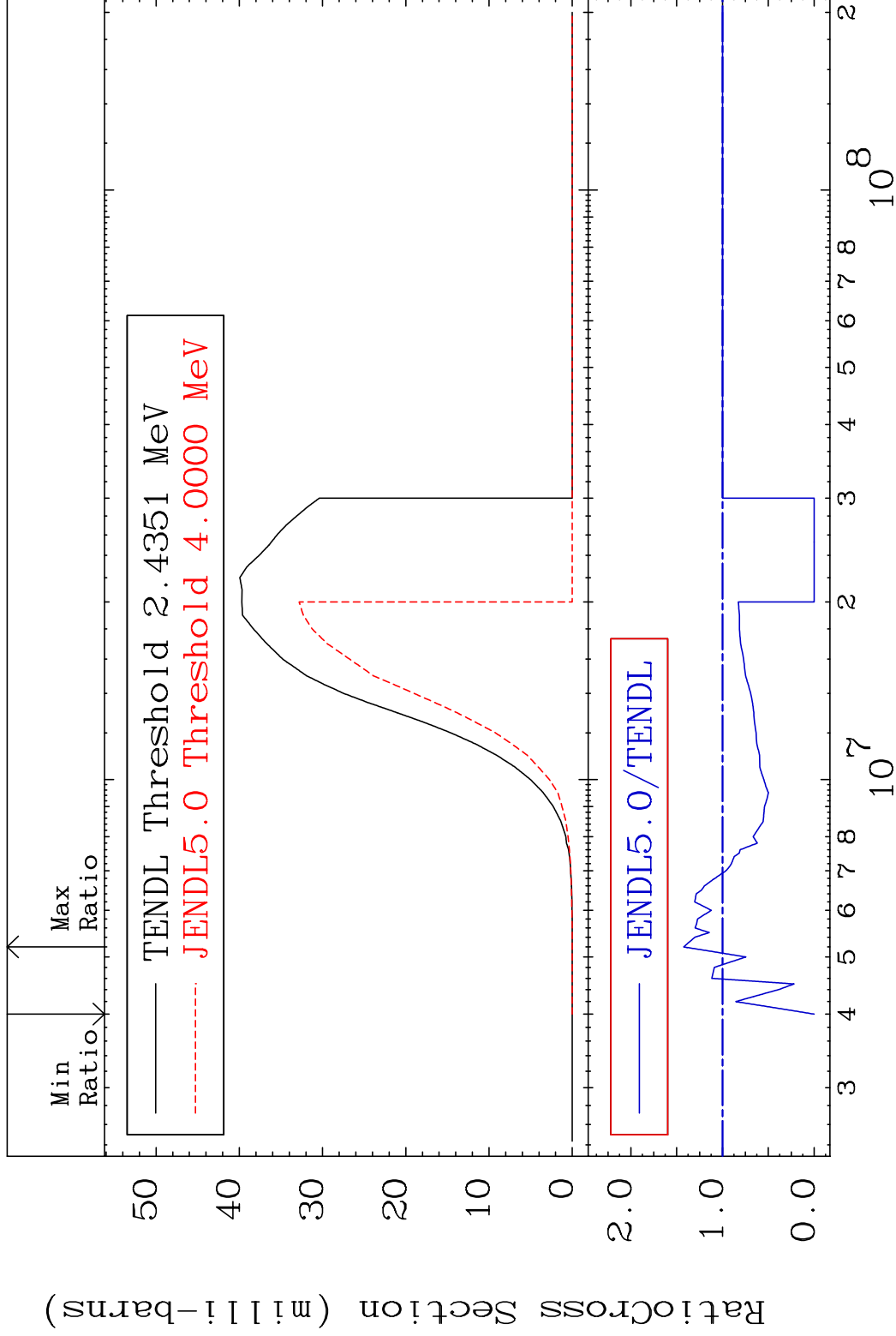
42-Mo-96

MAT 4237

(n, p)

42-Mo-96

Cross Section -100.0 To 42.38 %



42

Incident Energy (eV)

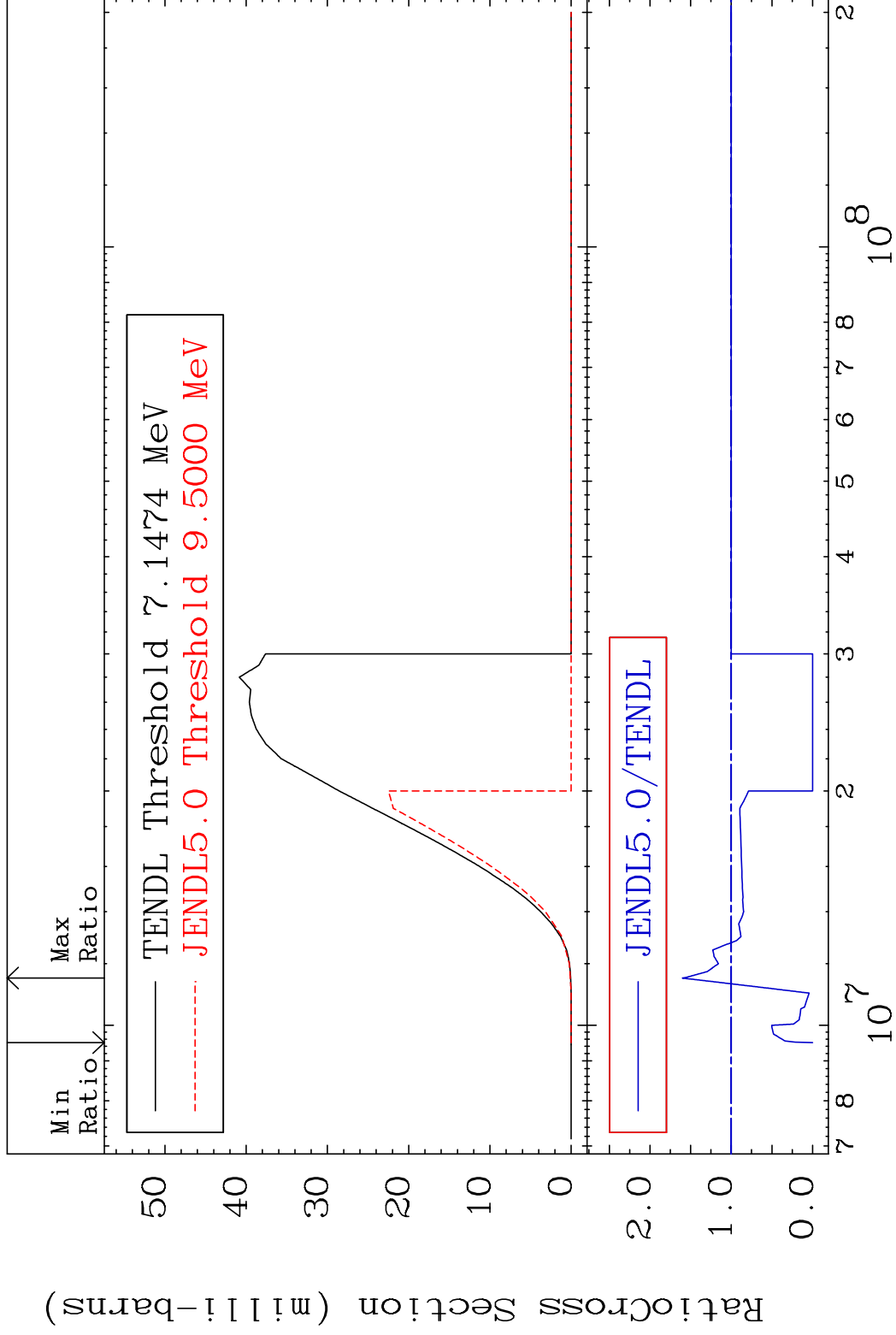
42-Mo-96

MAT 4237

(n, d)

42-Mo-96

Cross Section -100.0 To 60.16 %



43

Incident Energy (eV)

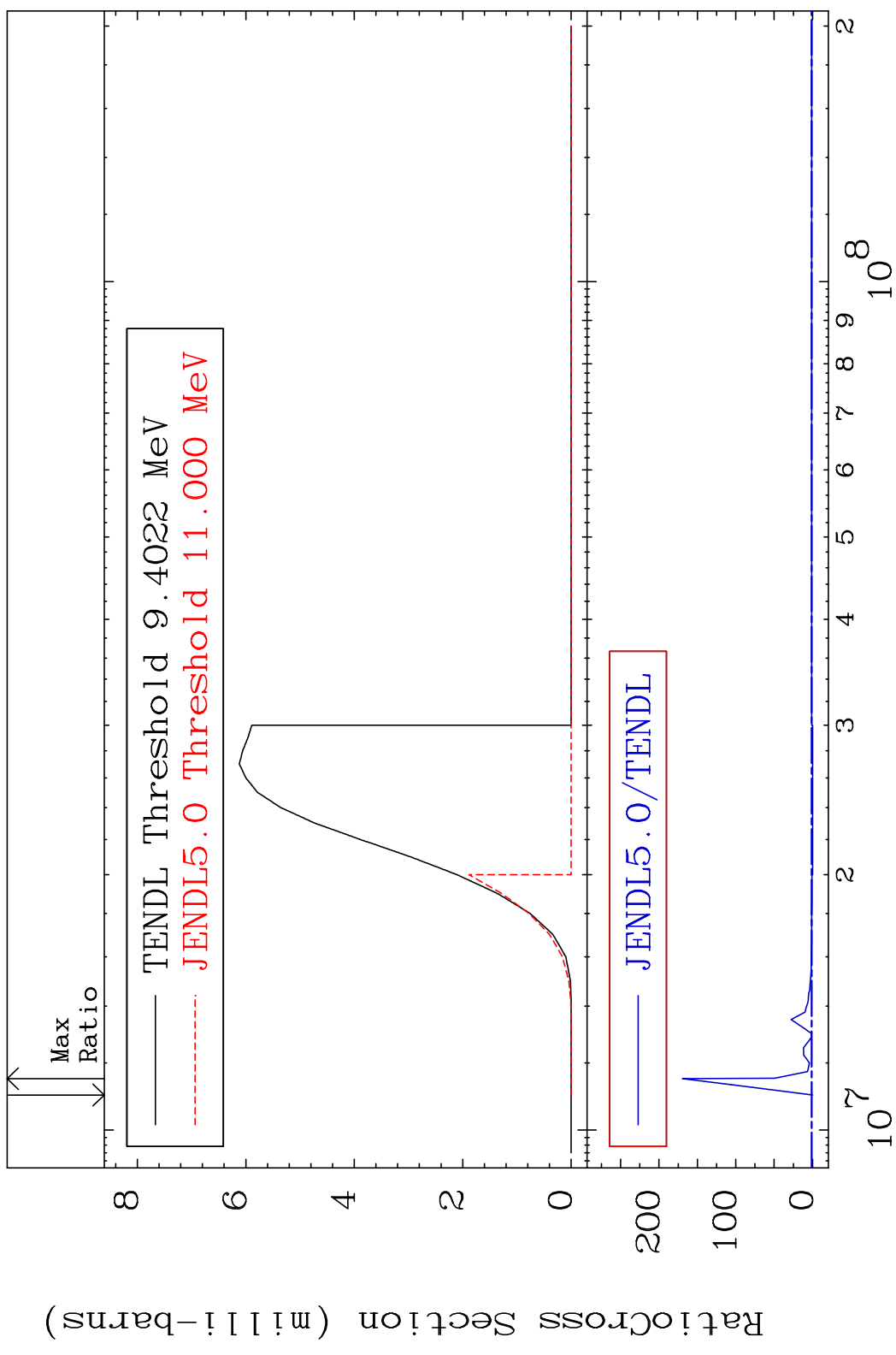
42-Mo-96

MAT 4237

(n, t)

42-Mo-96

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

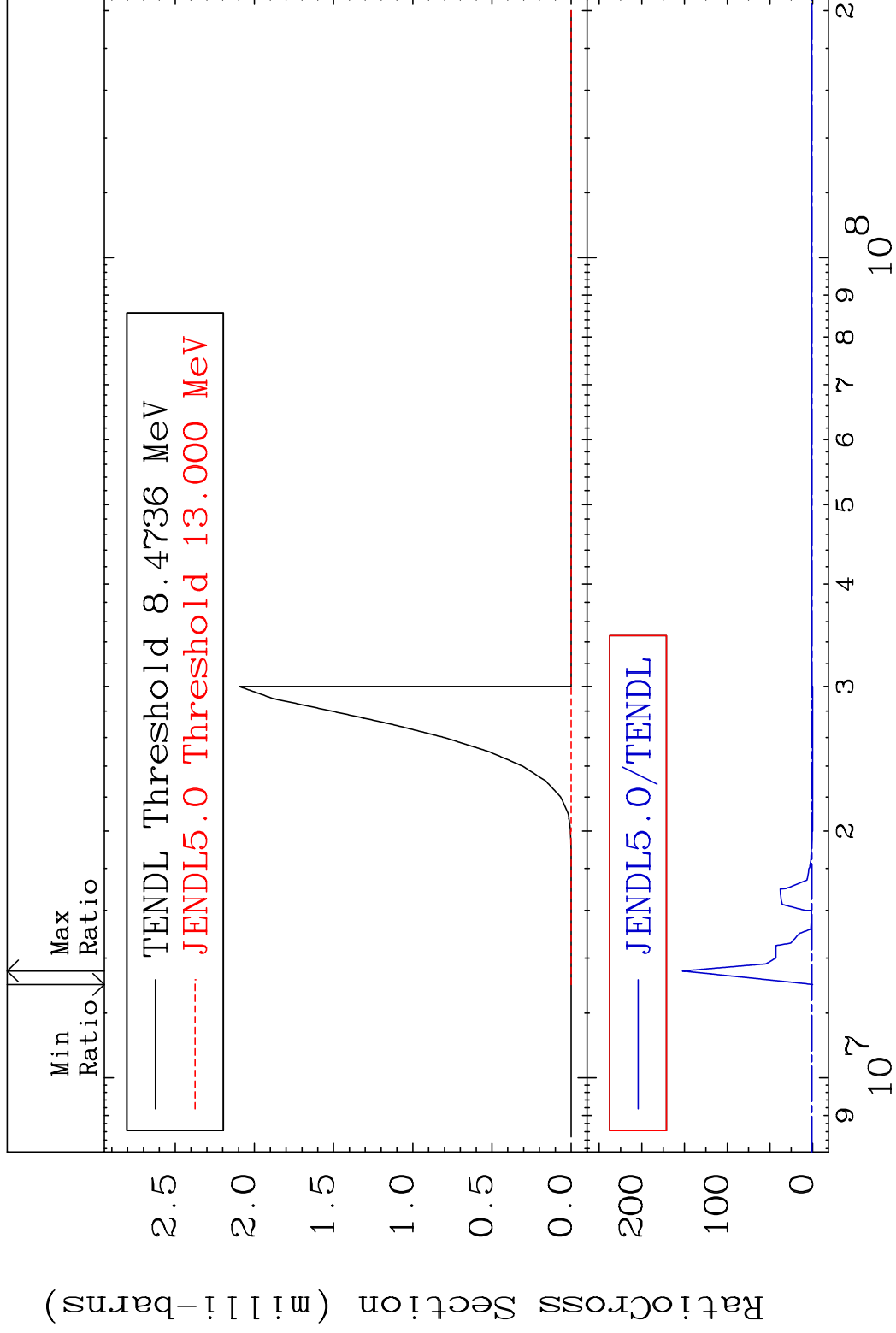
42-Mo-96

MAT 4237

(n, He-3)

42-Mo-96

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

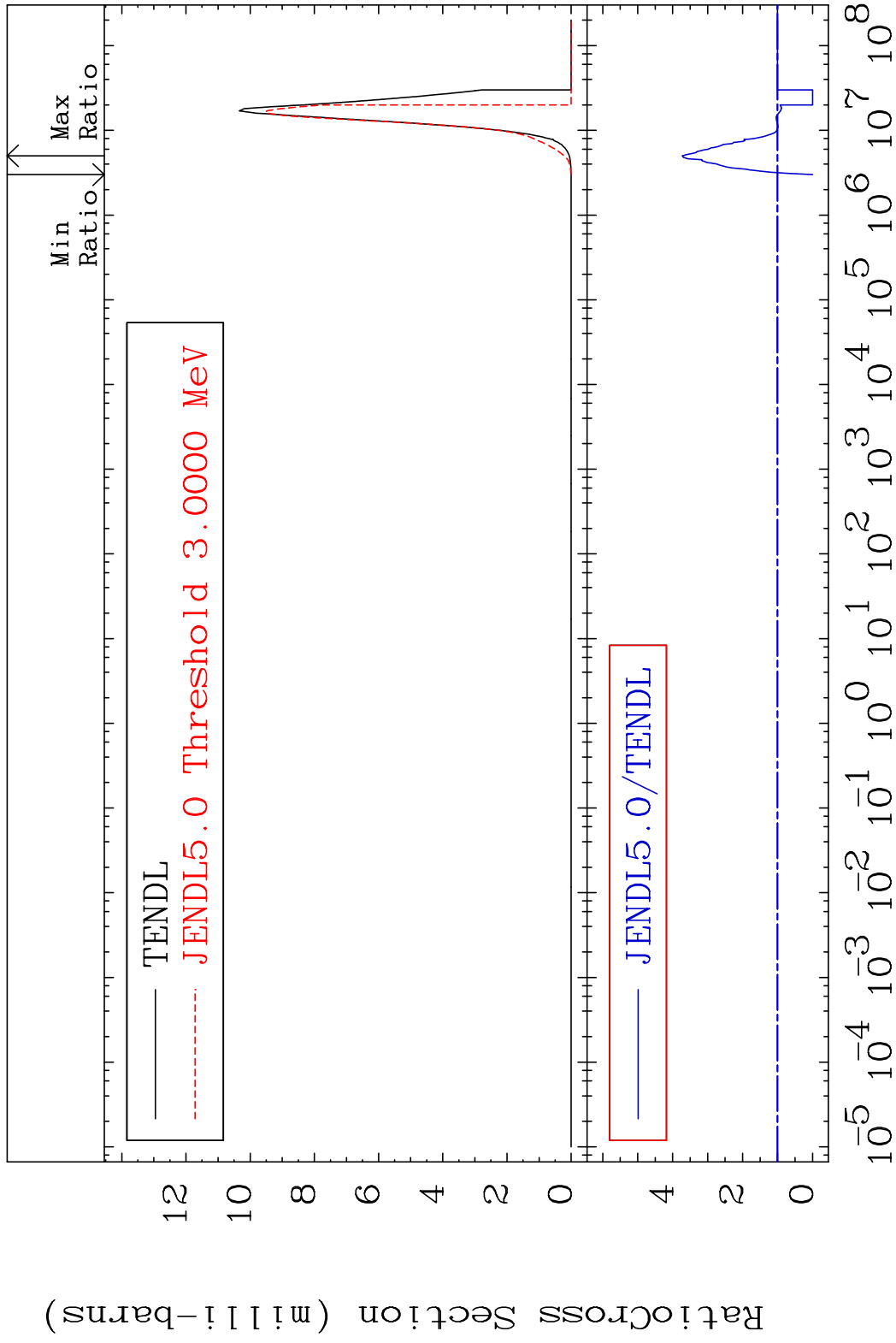
42-Mo-96

MAT 4237

(n, α)

42-Mo-96

Cross Section -100.0 To 272.3 %



46

Incident Energy (eV)

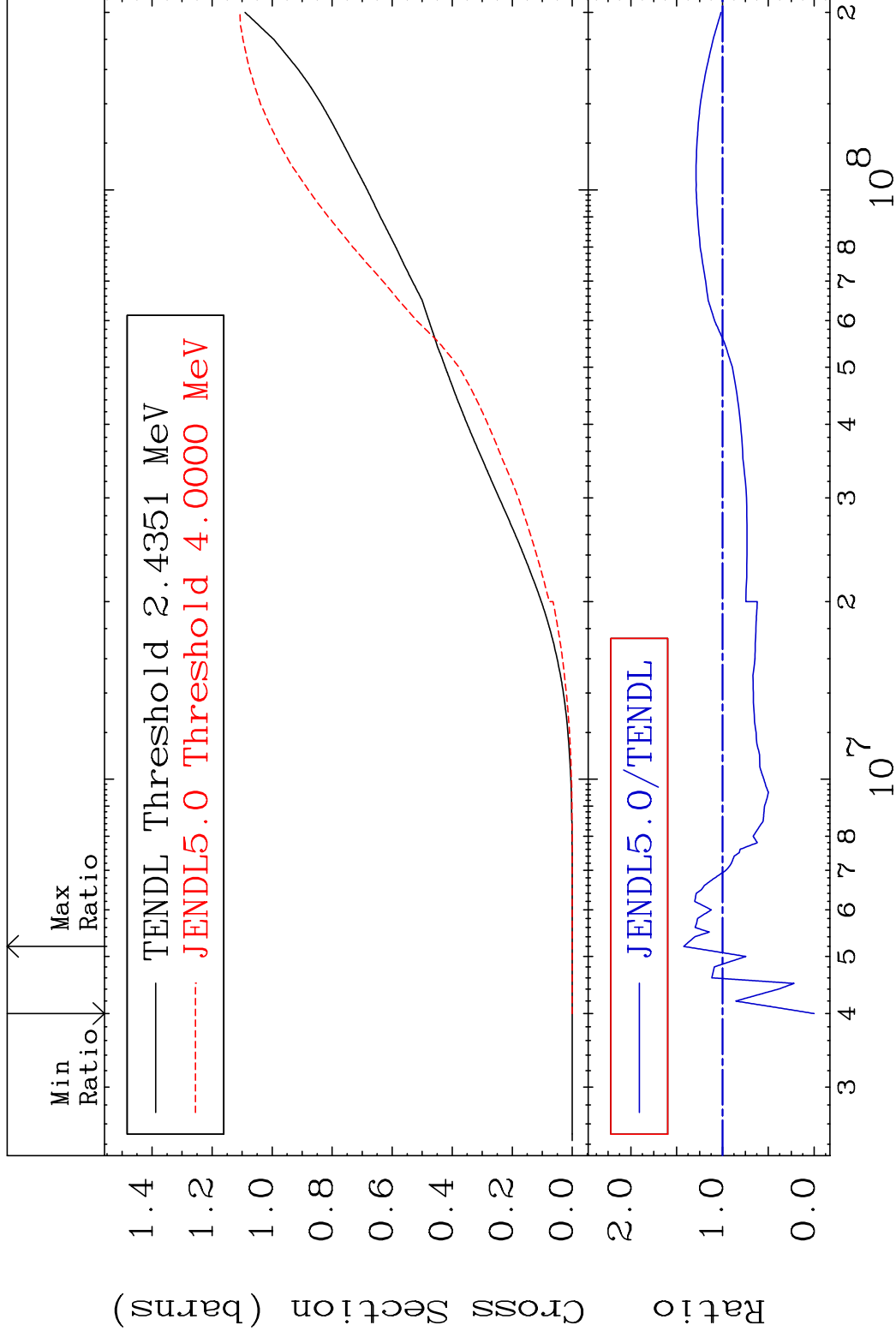
42-Mo-96

MAT 4237

Hydrogen Production

42-Mo-96

Cross Section -100.0 To 42.38 %

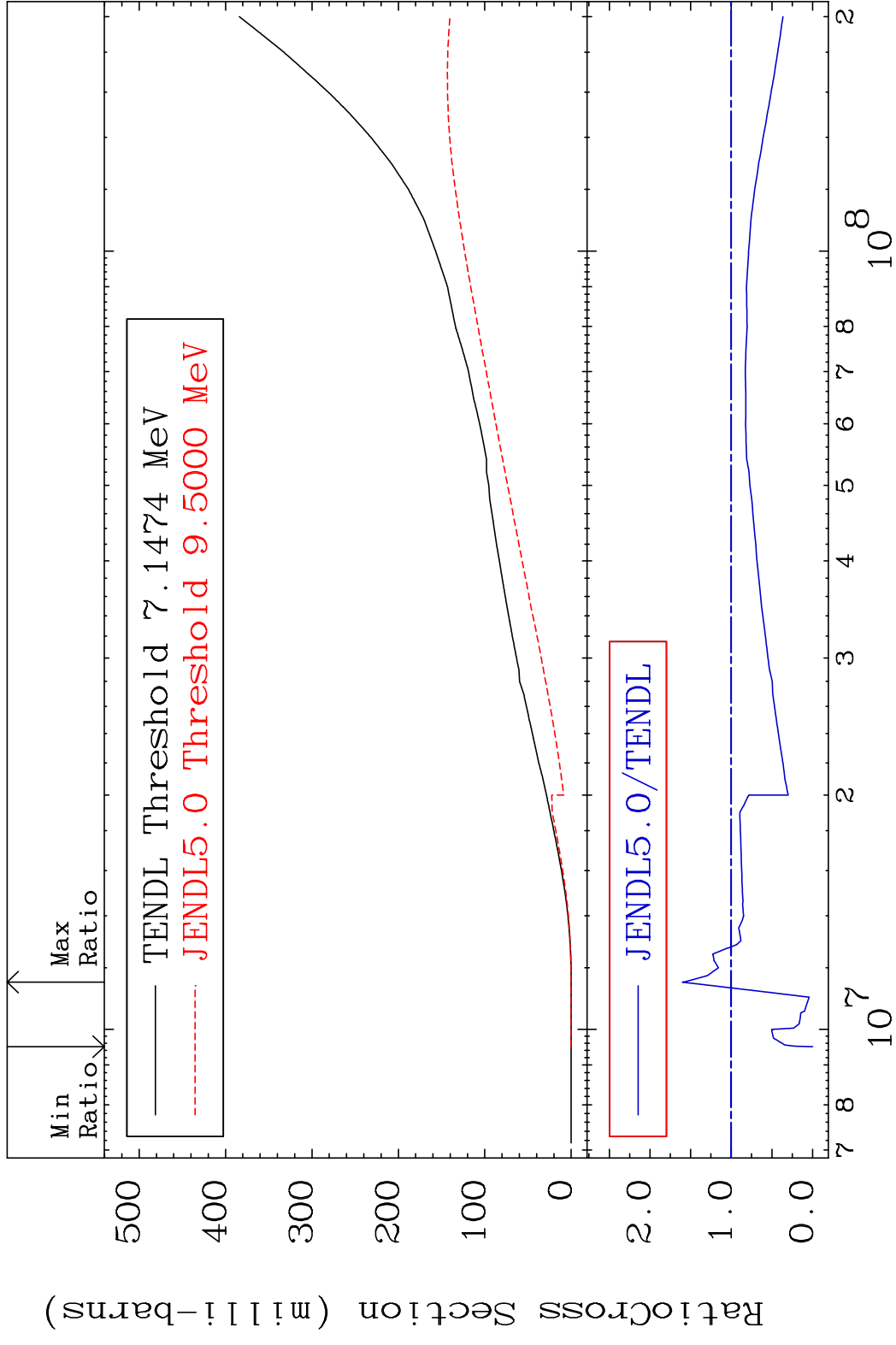


47

Incident Energy (eV)

42-Mo-96

MAT 4237 Deuterium Production 42-Mo-96
 Cross Section -100.0 To 60.16 %



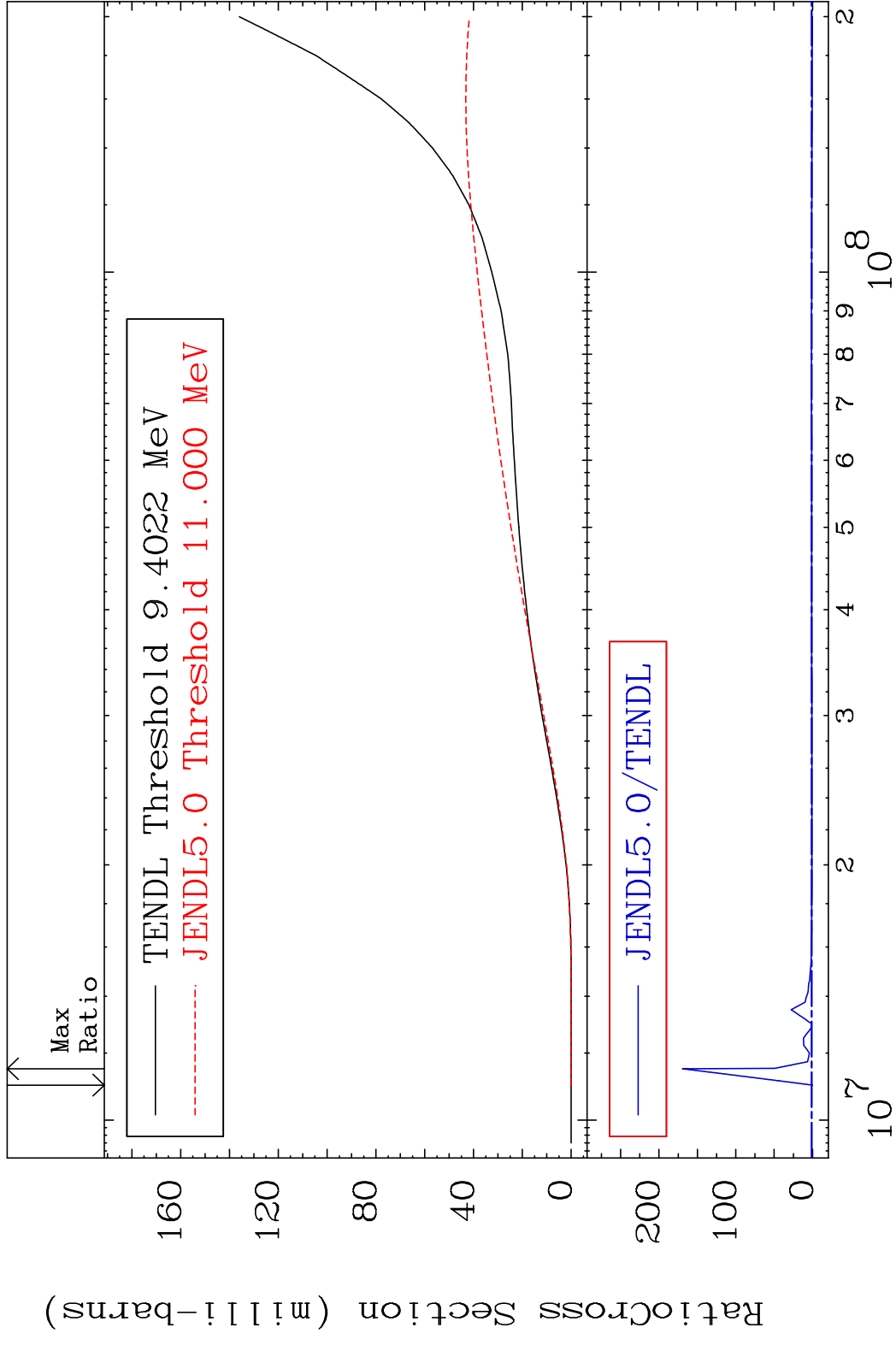
48 42-Mo-96

MAT 4237

Tritium Production

42-Mo-96

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

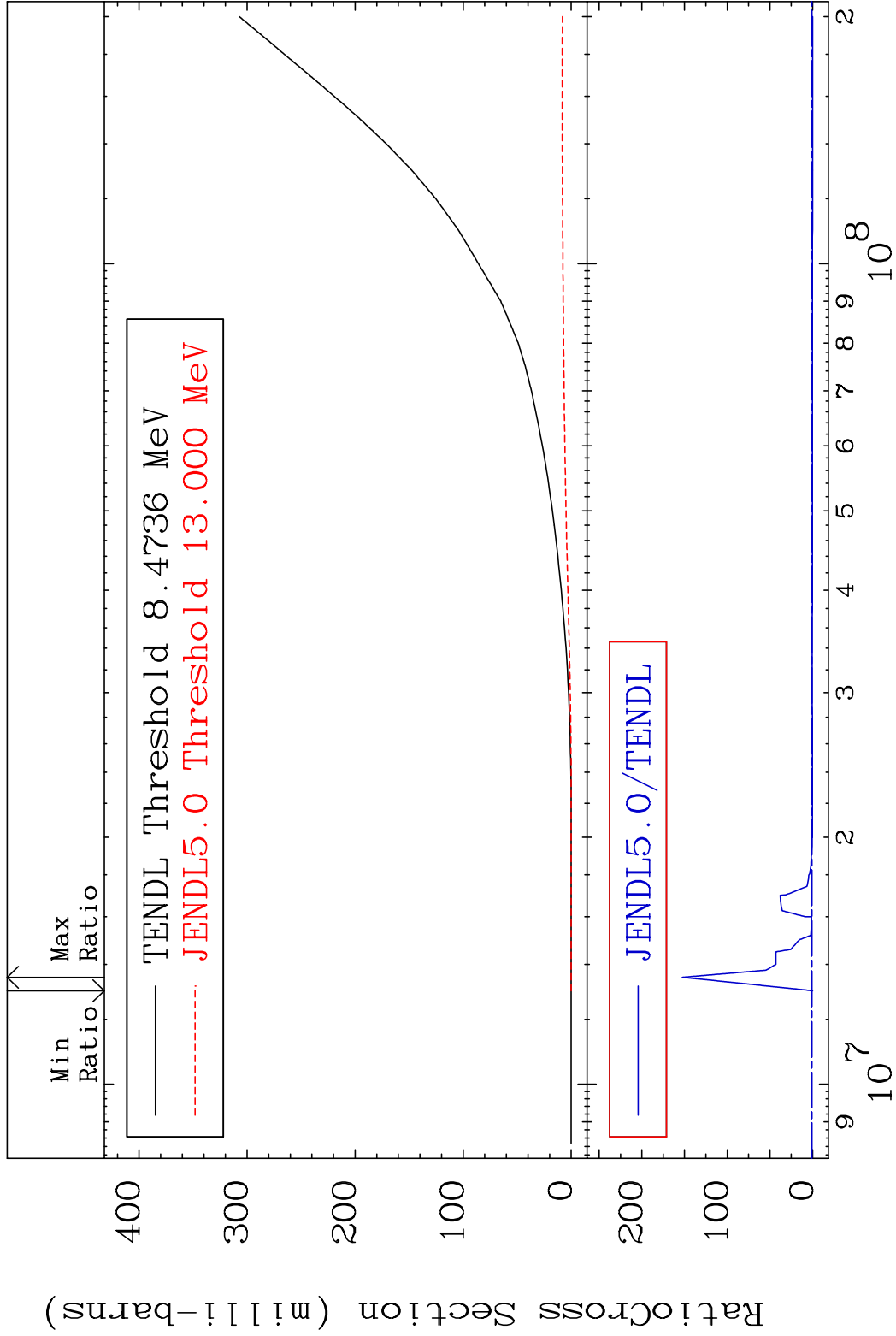
42-Mo-96

MAT 4237

He-3 Production

42-Mo-96

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

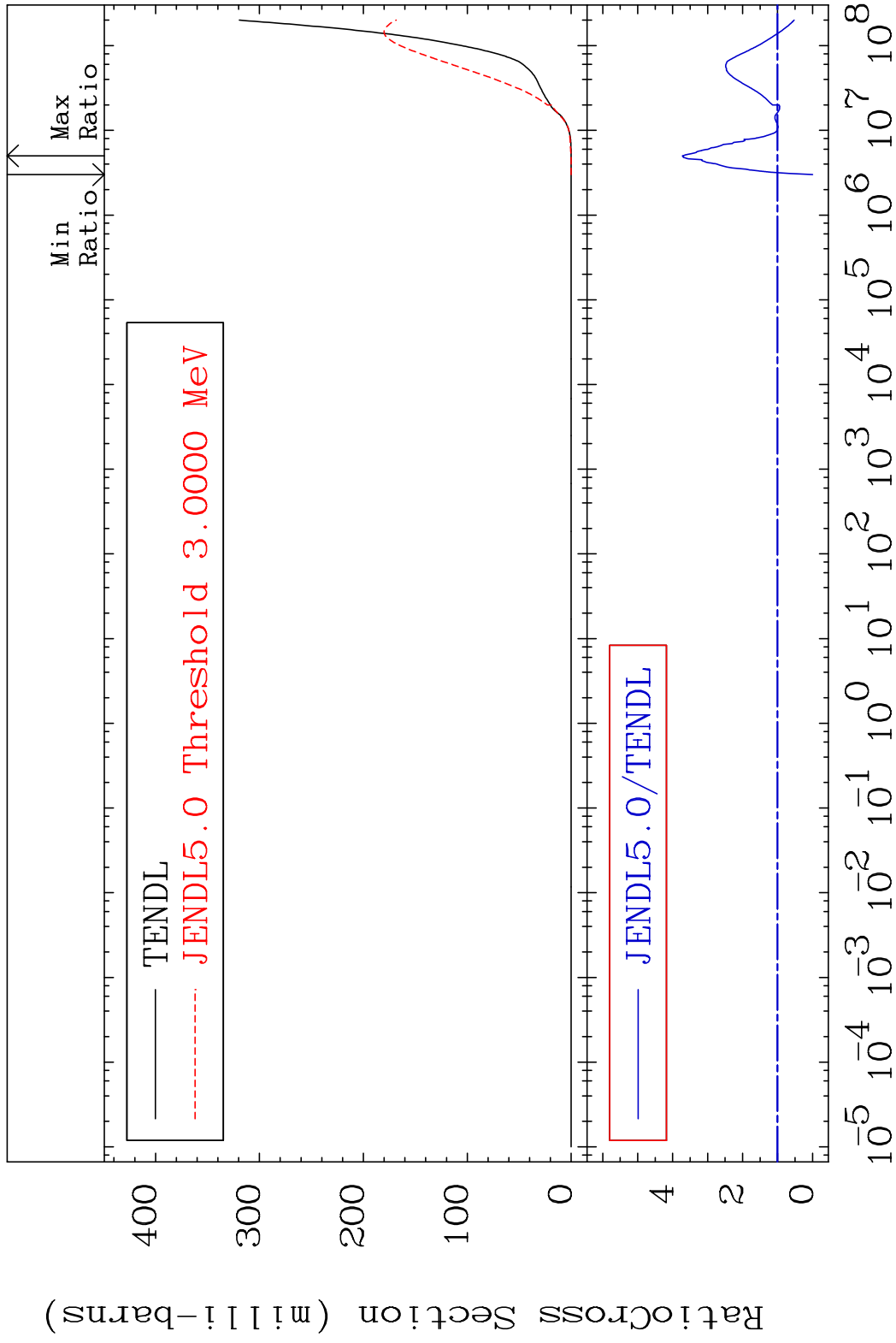
42-Mo-96

MAT 4237

He-4 Production

42-Mo-96

Cross Section -100.0 To 272.3 %

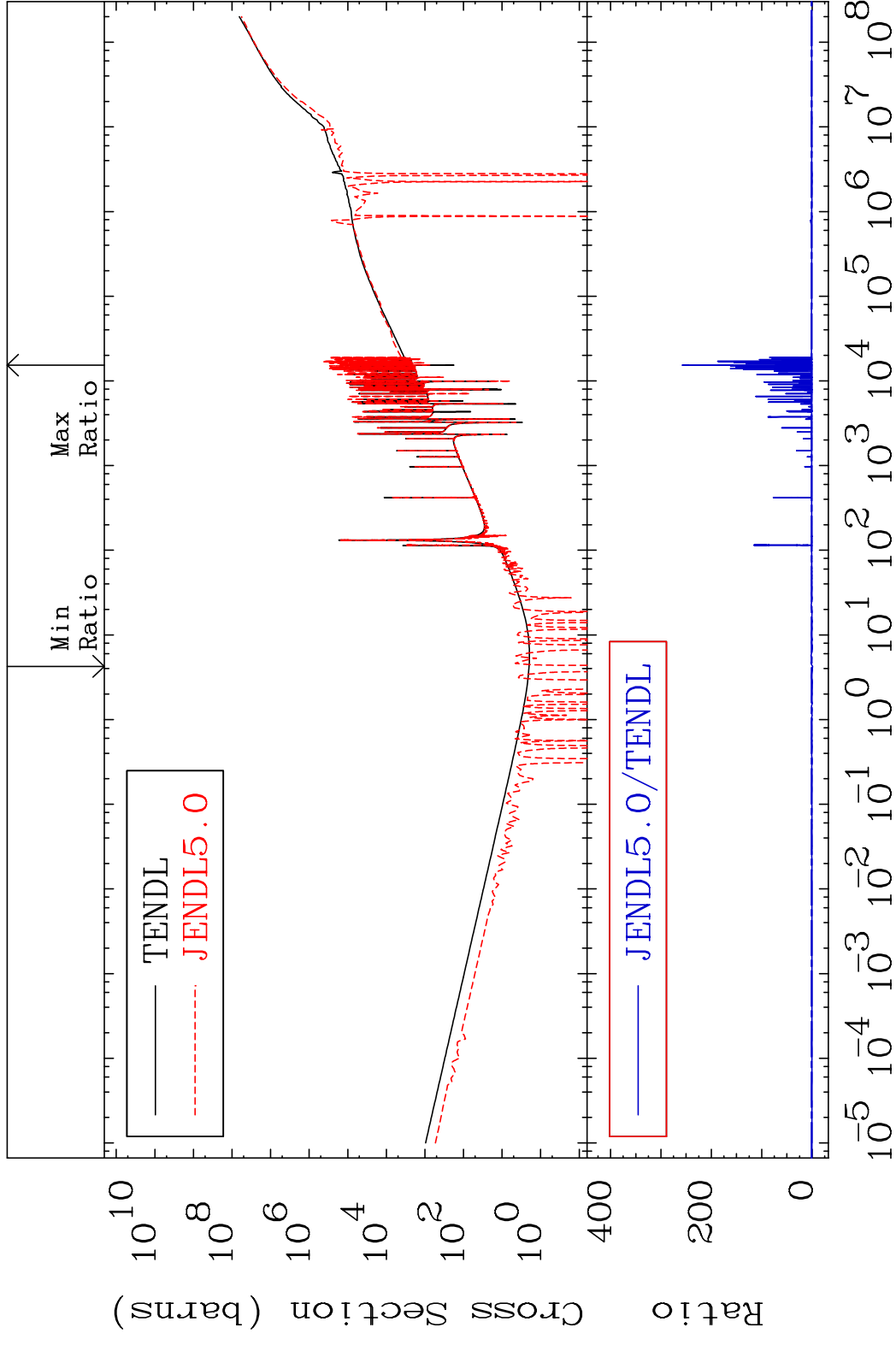


51

Incident Energy (eV)

42-Mo-96

MAT 4237 Kerma total (eV-barns) 42-Mo-96
 Cross Section -190.9 To 9999. %

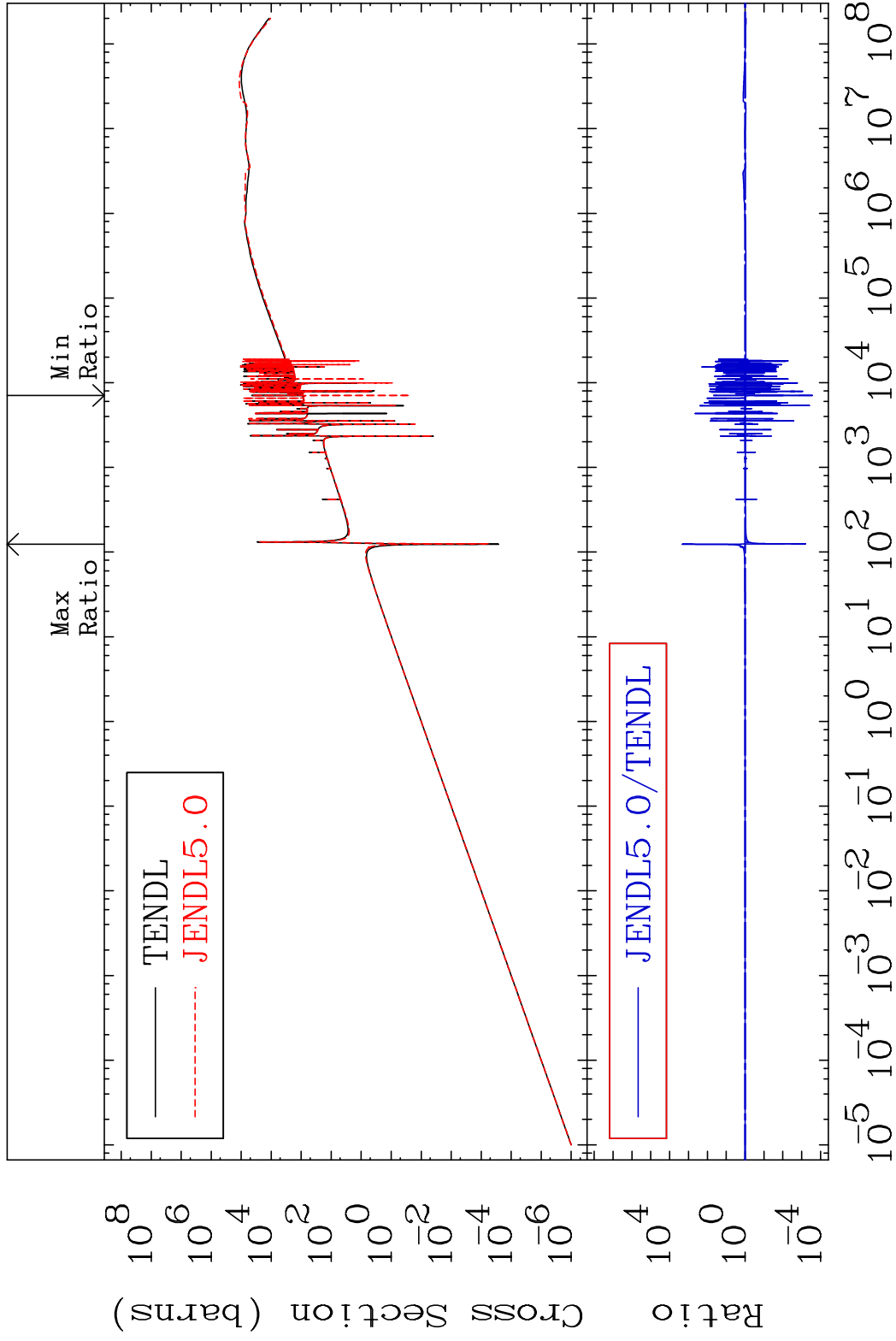


MAT 4237

Kerma elastic
Cross Section

42-Mo-96

-99.97 To 9999. %

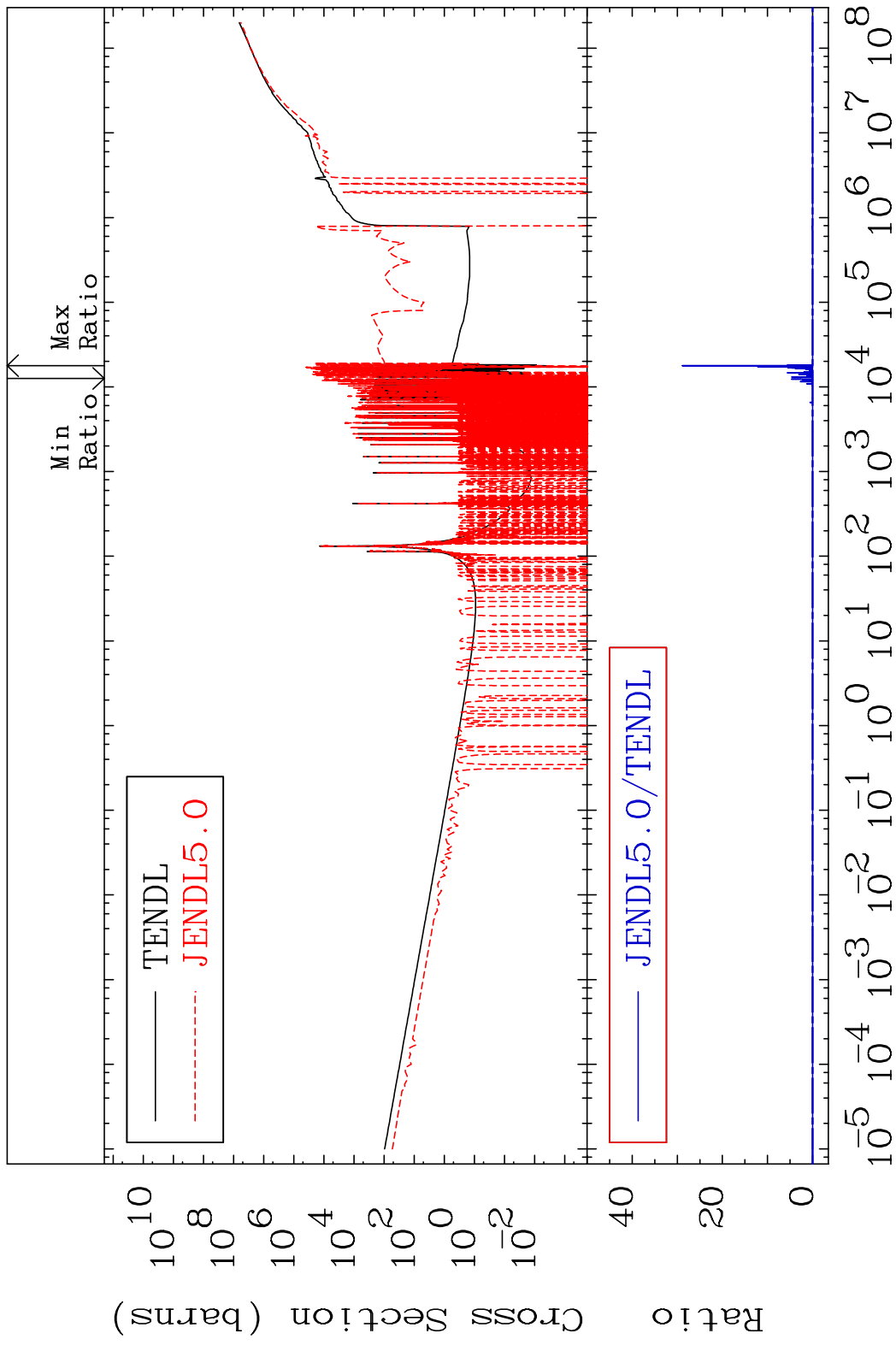


53

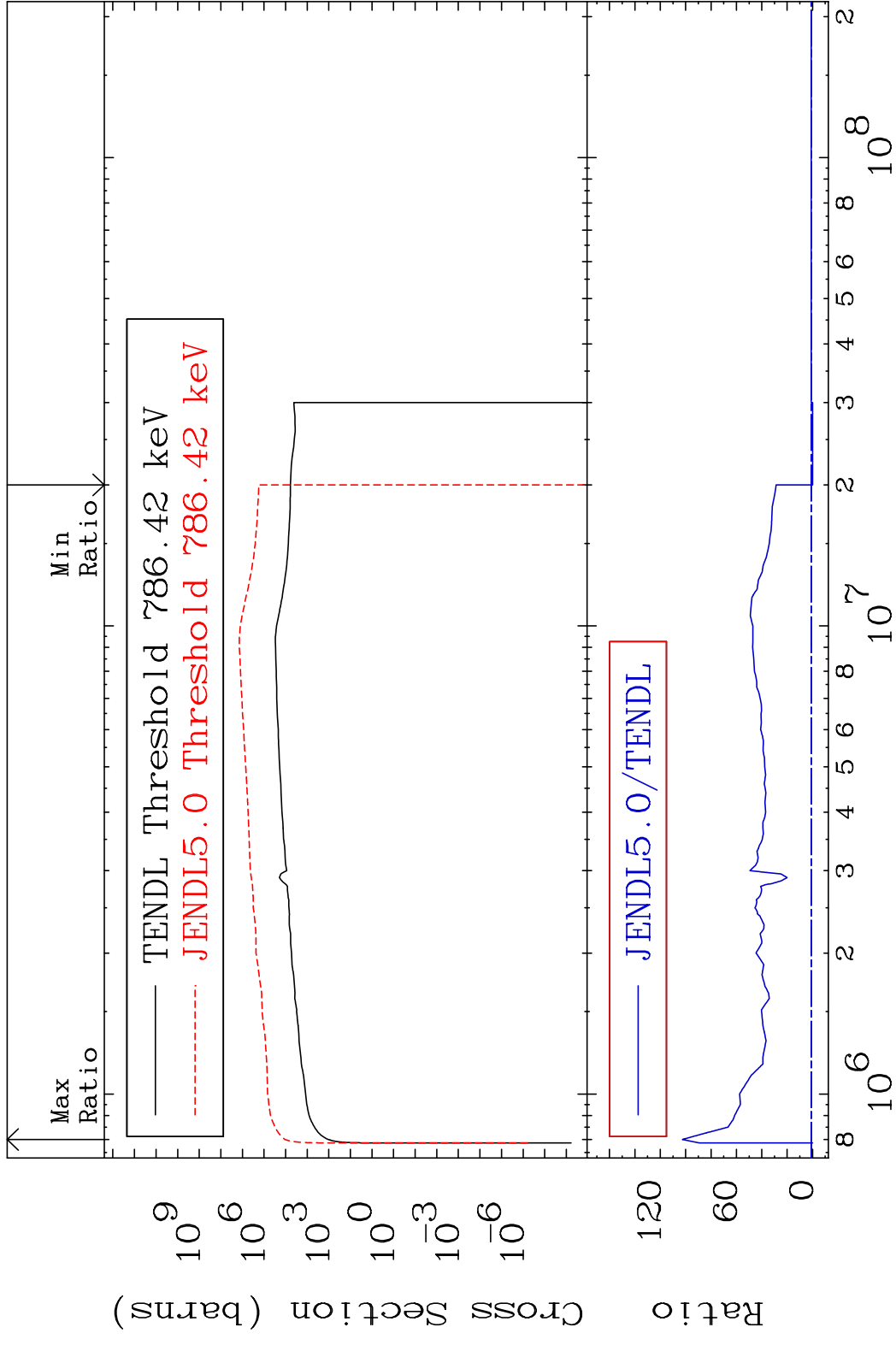
Incident Energy (eV)

42-Mo-96

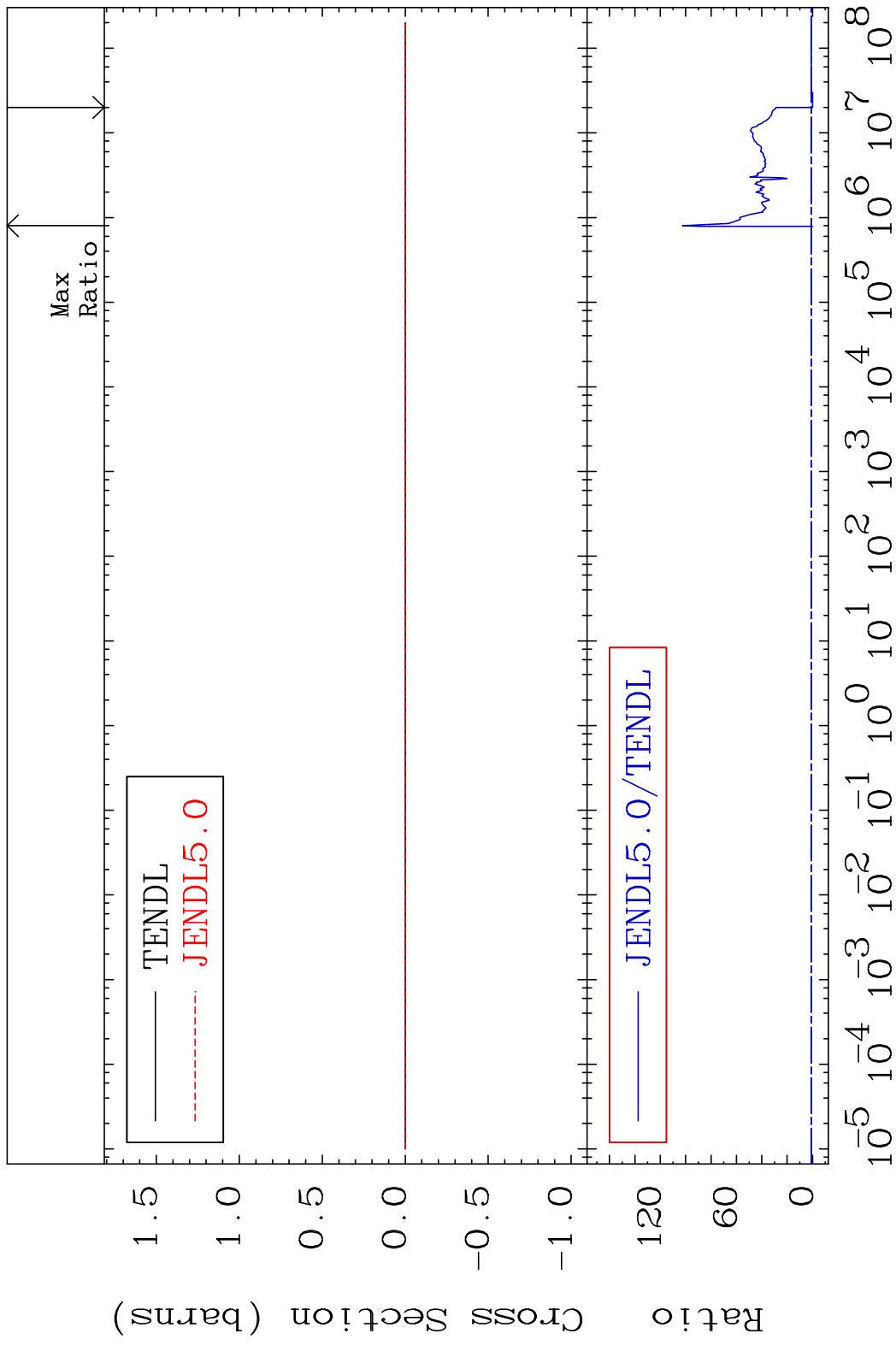
MAT 4237 Kerma non-elastic (all but mt2) 42-Mo-96
 Cross Section -9999. To 9999. %



MAT 4237 Kerma inelastic (mt51-91) 42-Mo-96
 Cross Section -100.0 To 9999. %

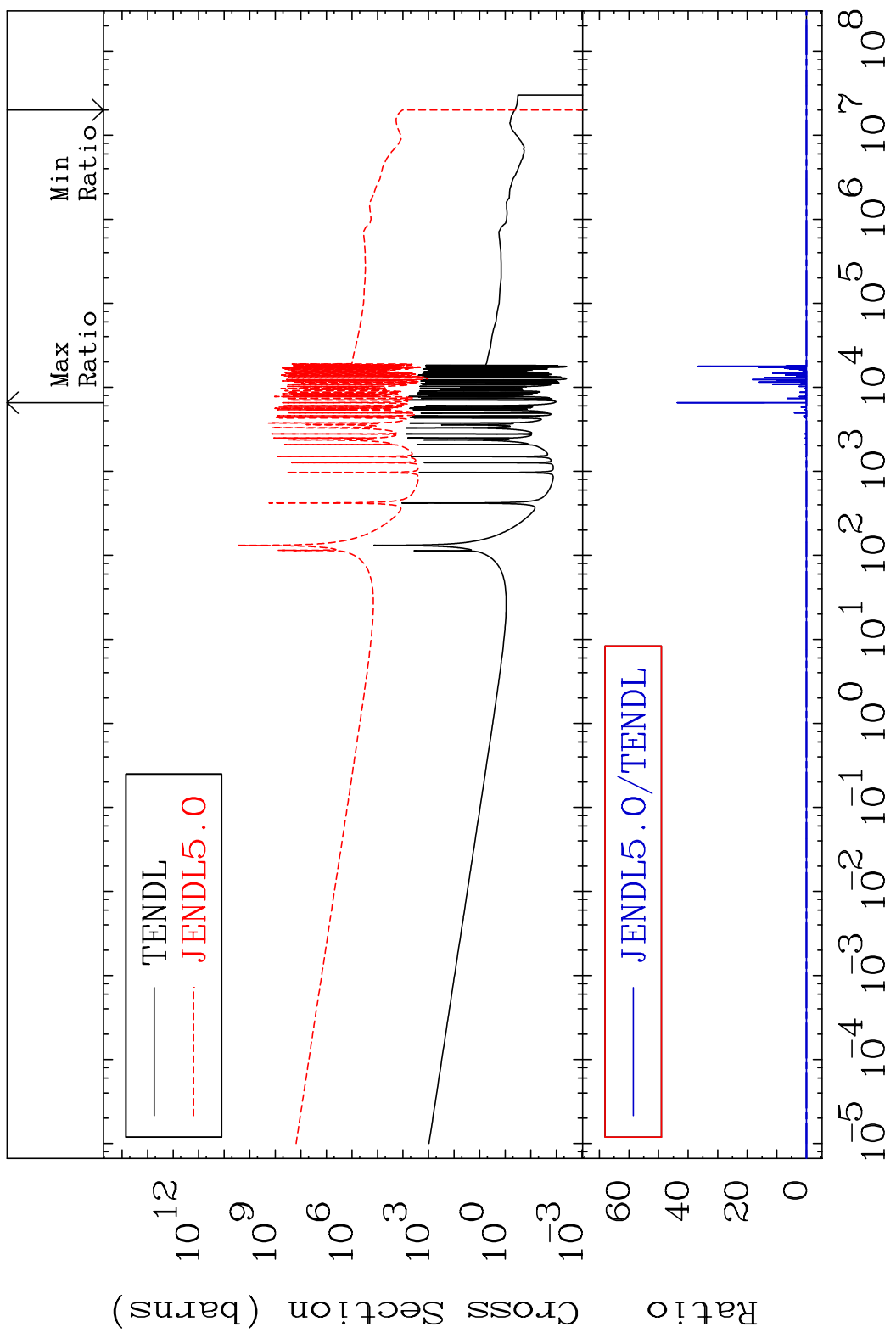


MAT 4237 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-96
 Cross Section -100.0 To 9999. %



MAT 4237

Kerma capture (mt102) 42-Mo-96
Cross Section -100.0 To 9999. %



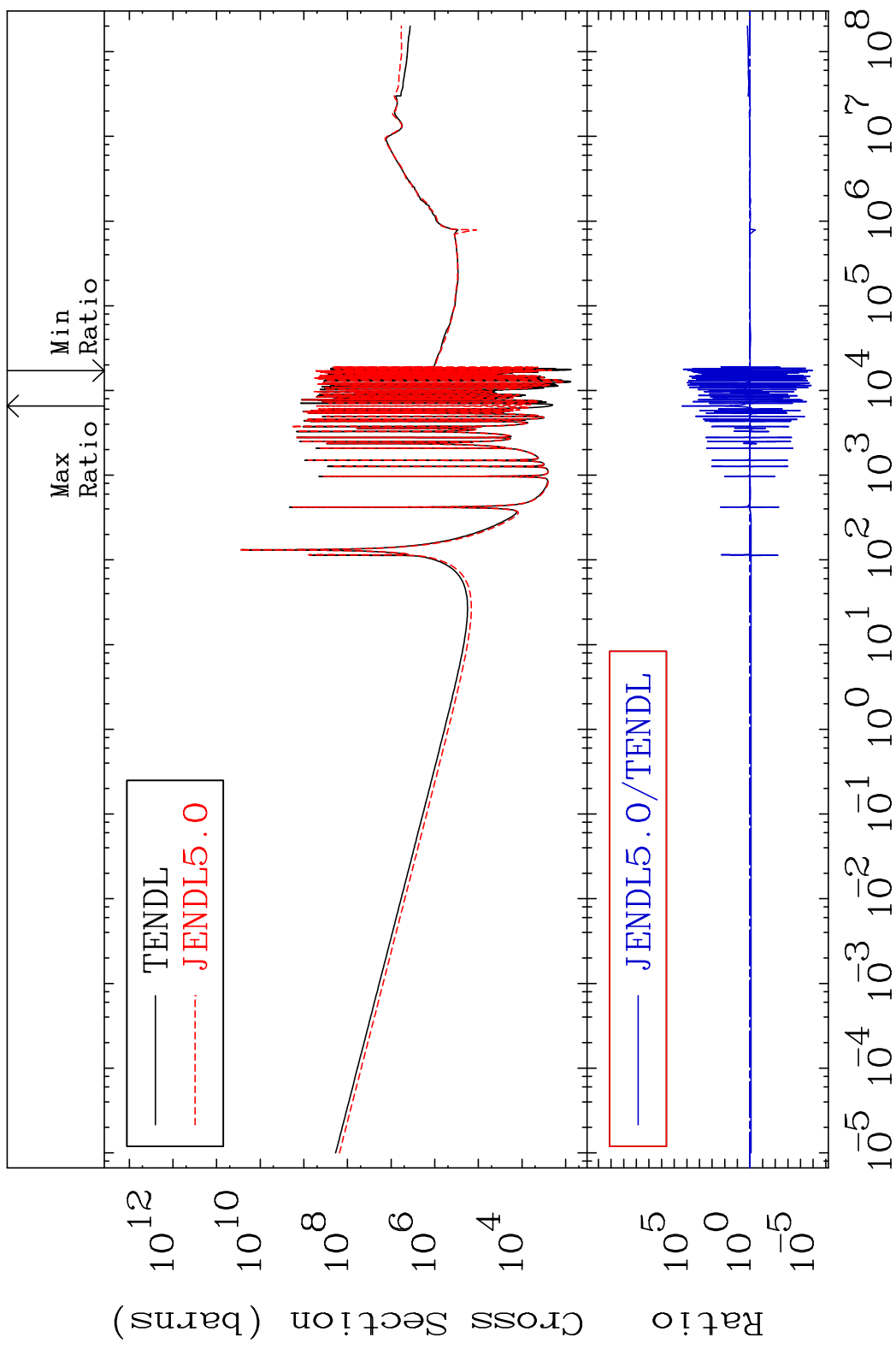
57

Incident Energy (eV)

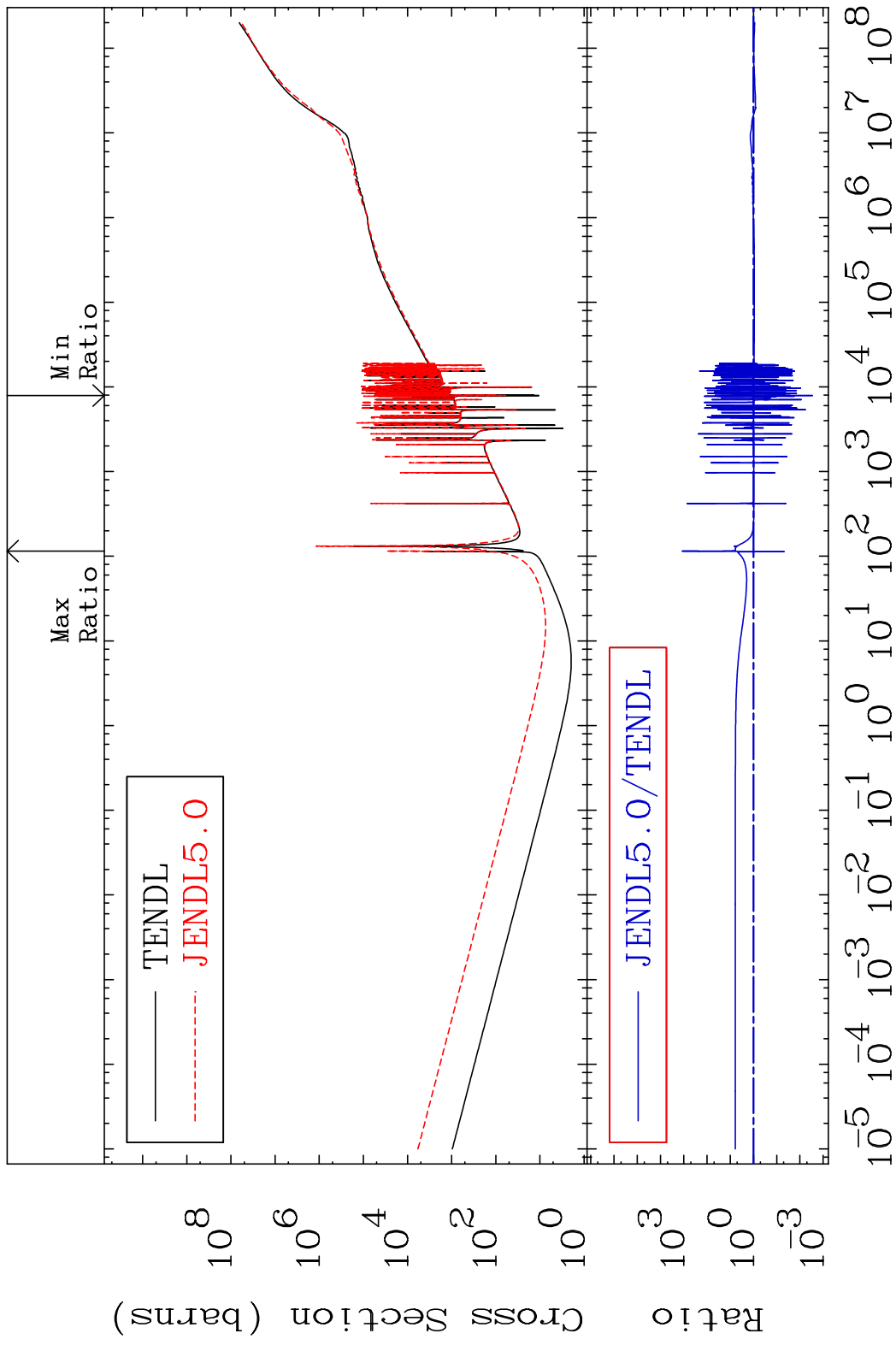
42-Mo-96

MAT 4237

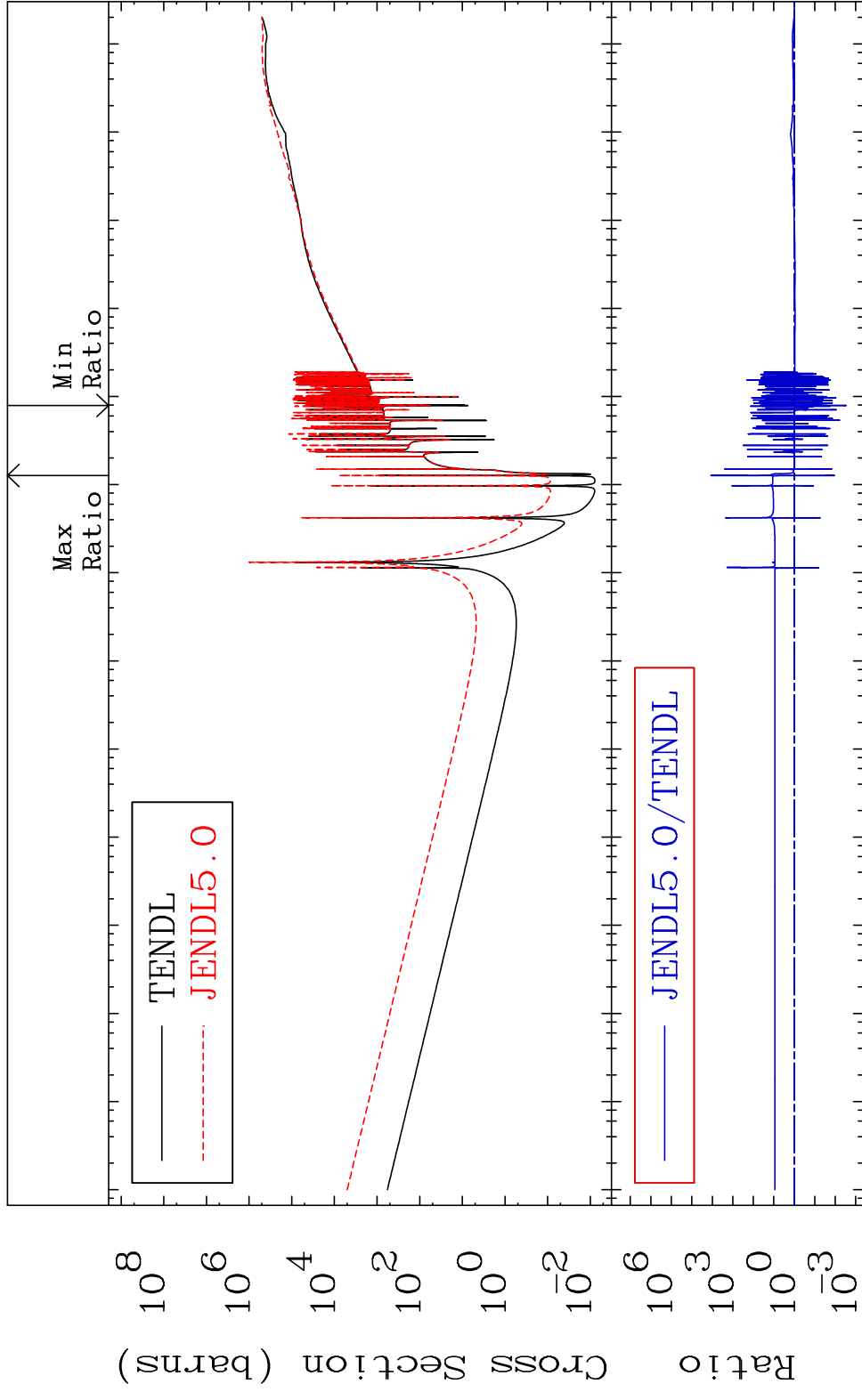
Total photon (eV-barns) 42-Mo-96
Cross Section -100.0 To 9999. %



MAT 4237 Total kinematic kerma (high limit) 42-Mo-96
 Cross Section -99.71 To 9999. %



MAT 4237 Dpa total (eV-barns) 42-Mo-96
 Cross Section -99.71 To 9999. %

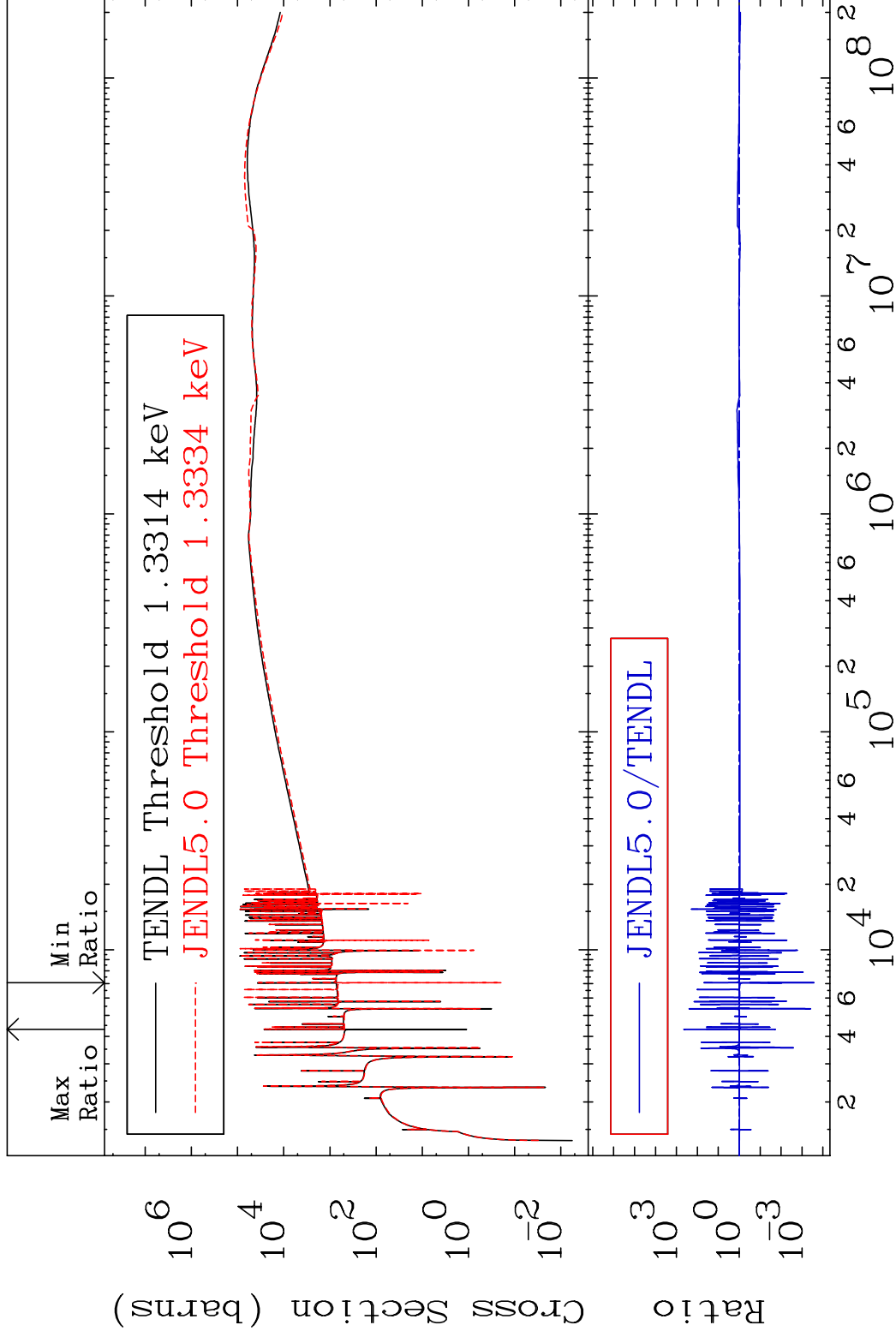


MAT 4237

Dpa elastic (mt2)

42-Mo-96

Cross Section -99.97 To 9999. %



61

Incident Energy (eV)

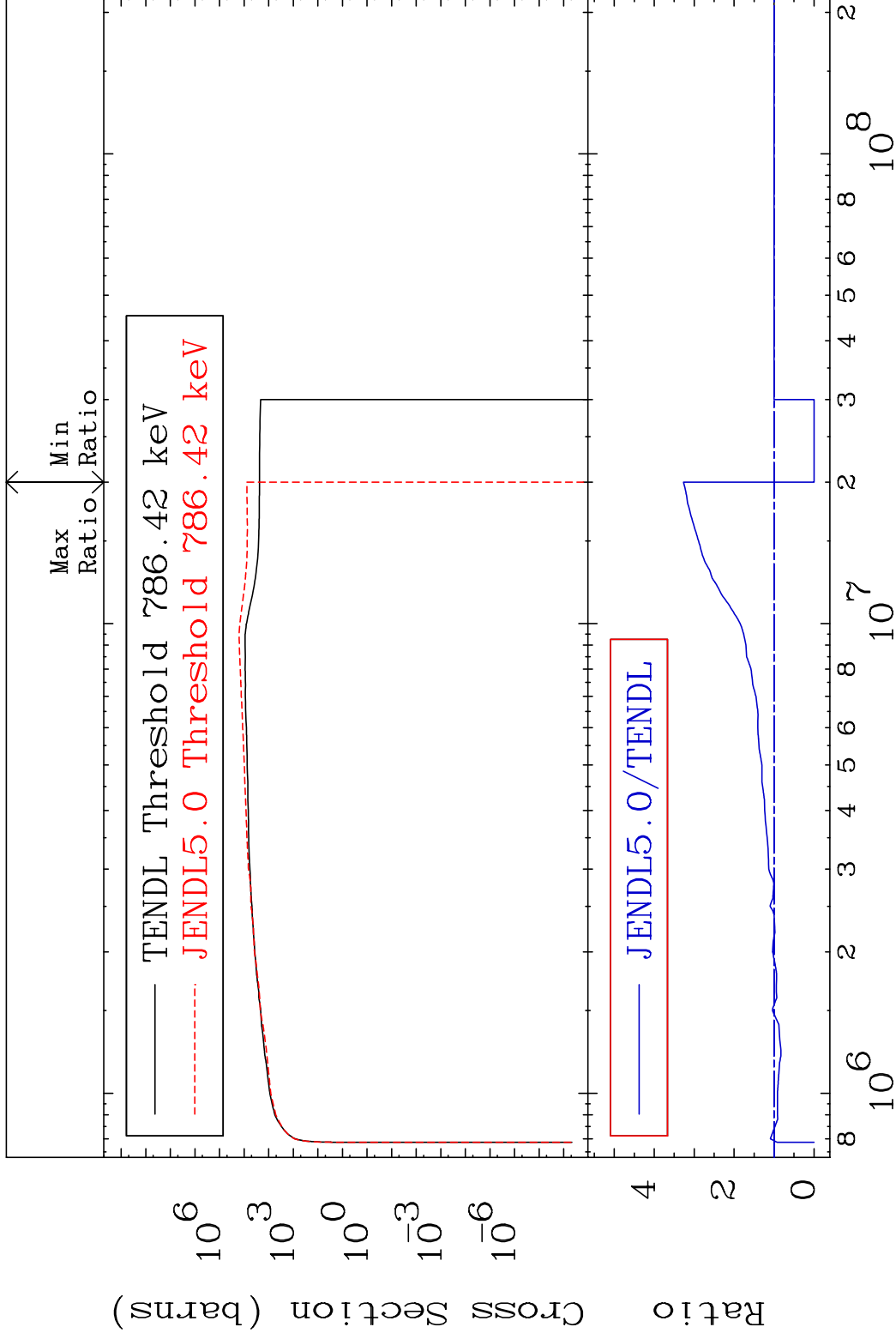
42-Mo-96

MAT 4237

Dpa inelastic (mt51-91)

42-Mo-96

Cross Section -100.0 To 226.8 %

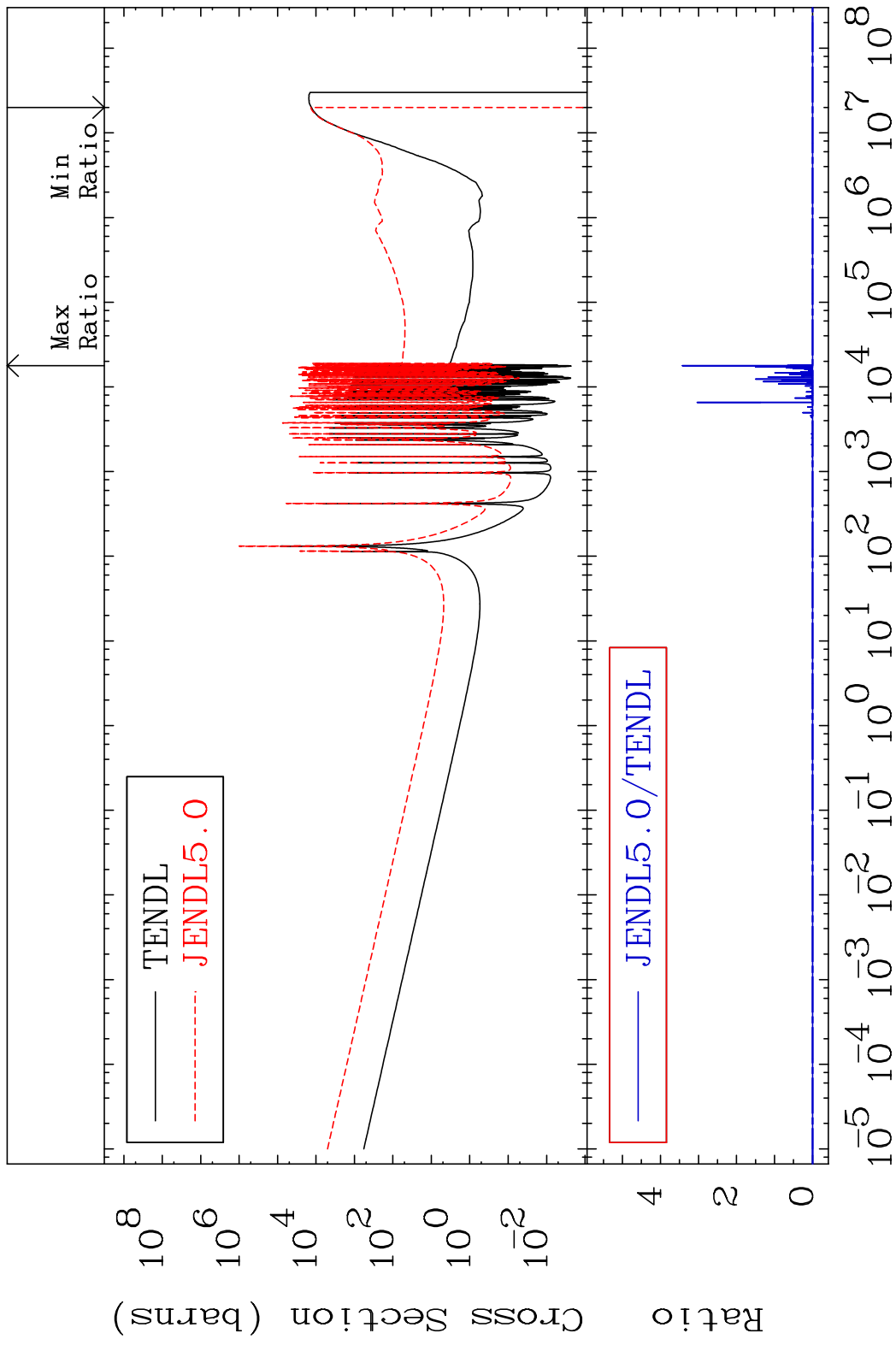


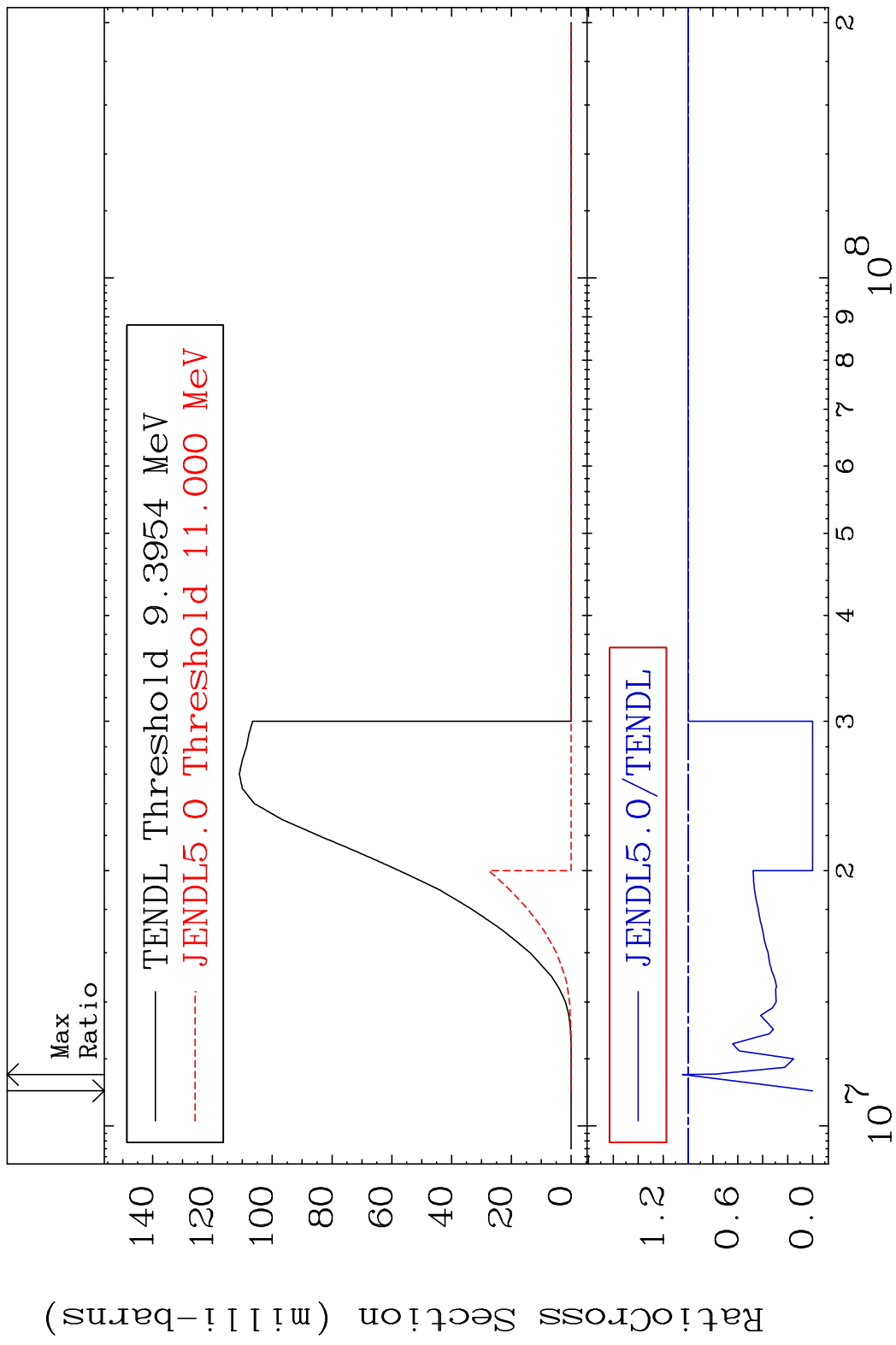
62

Incident Energy (eV)

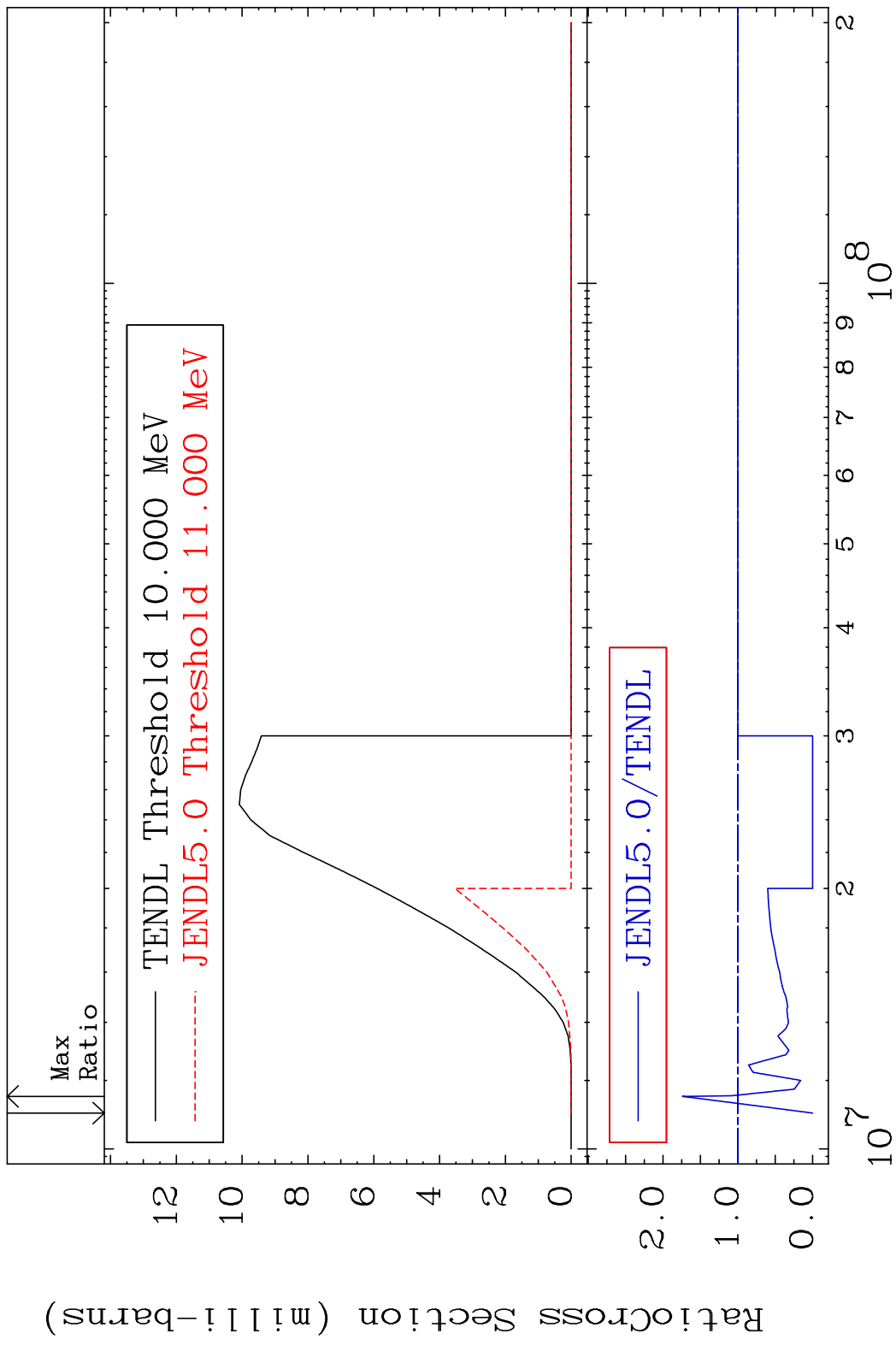
42-Mo-96

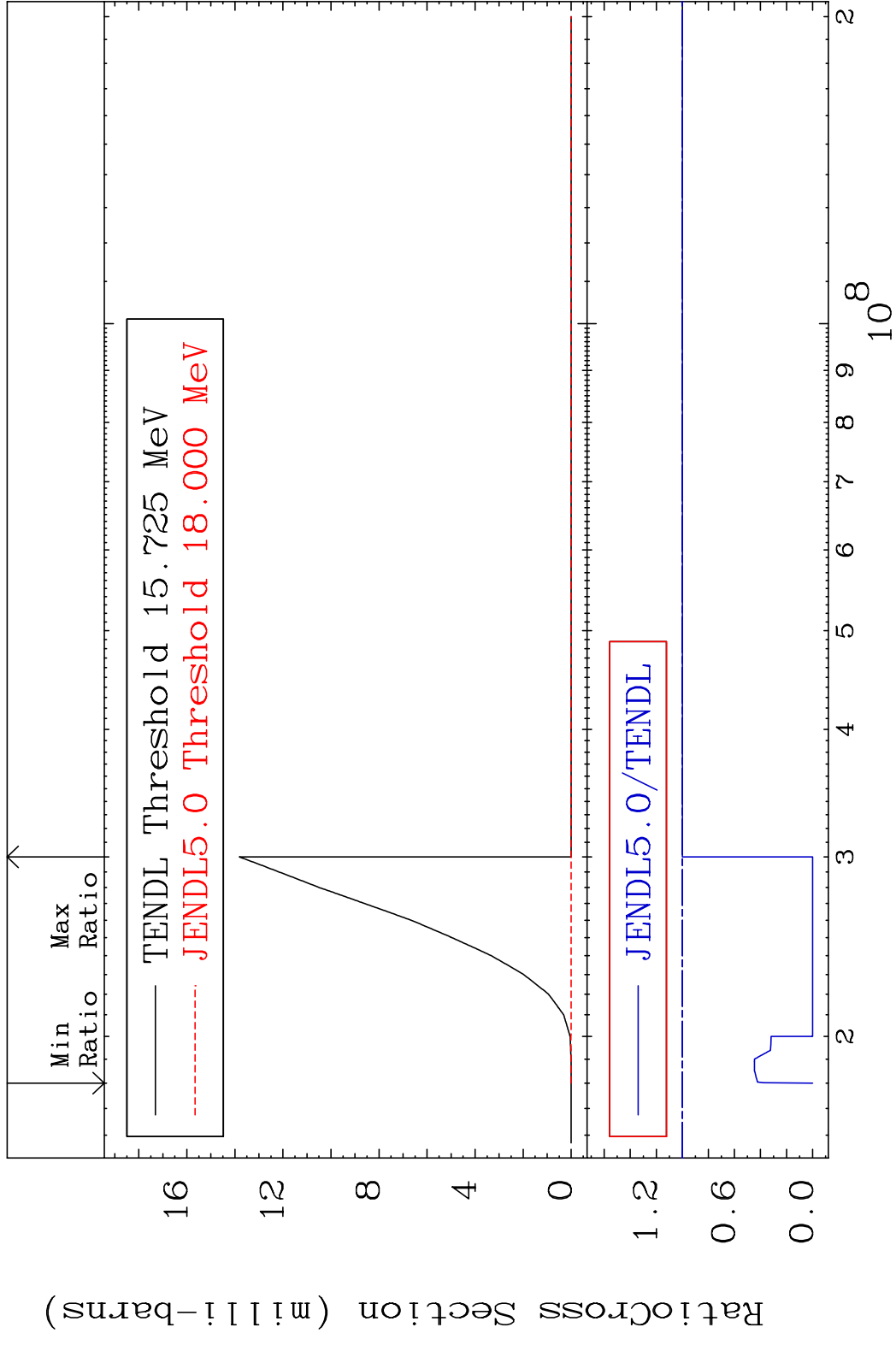
MAT 4237 Dpa disappearance (mt102 -120) 42-Mo-96
 Cross Section -100.0 To 9999. %

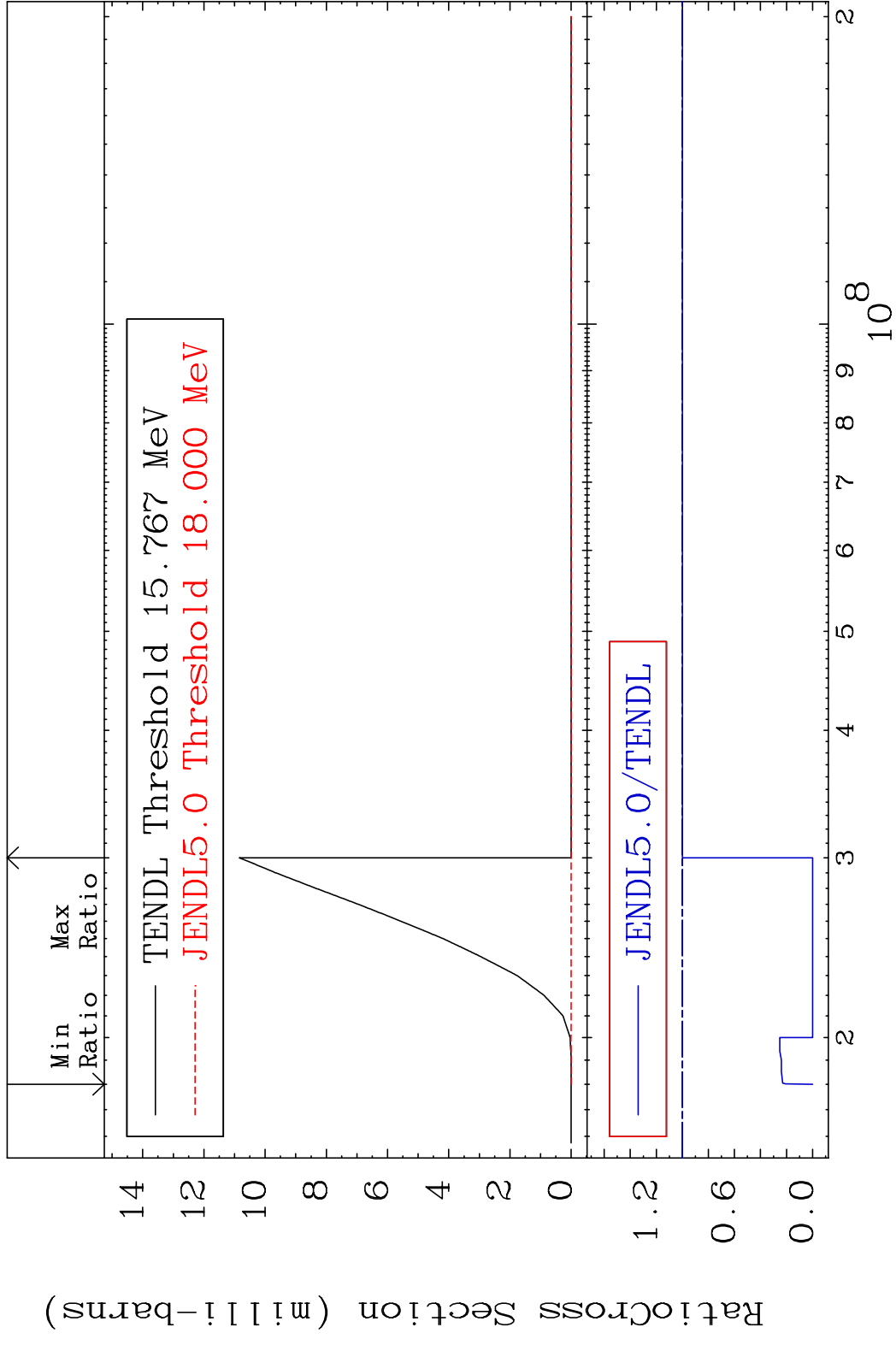




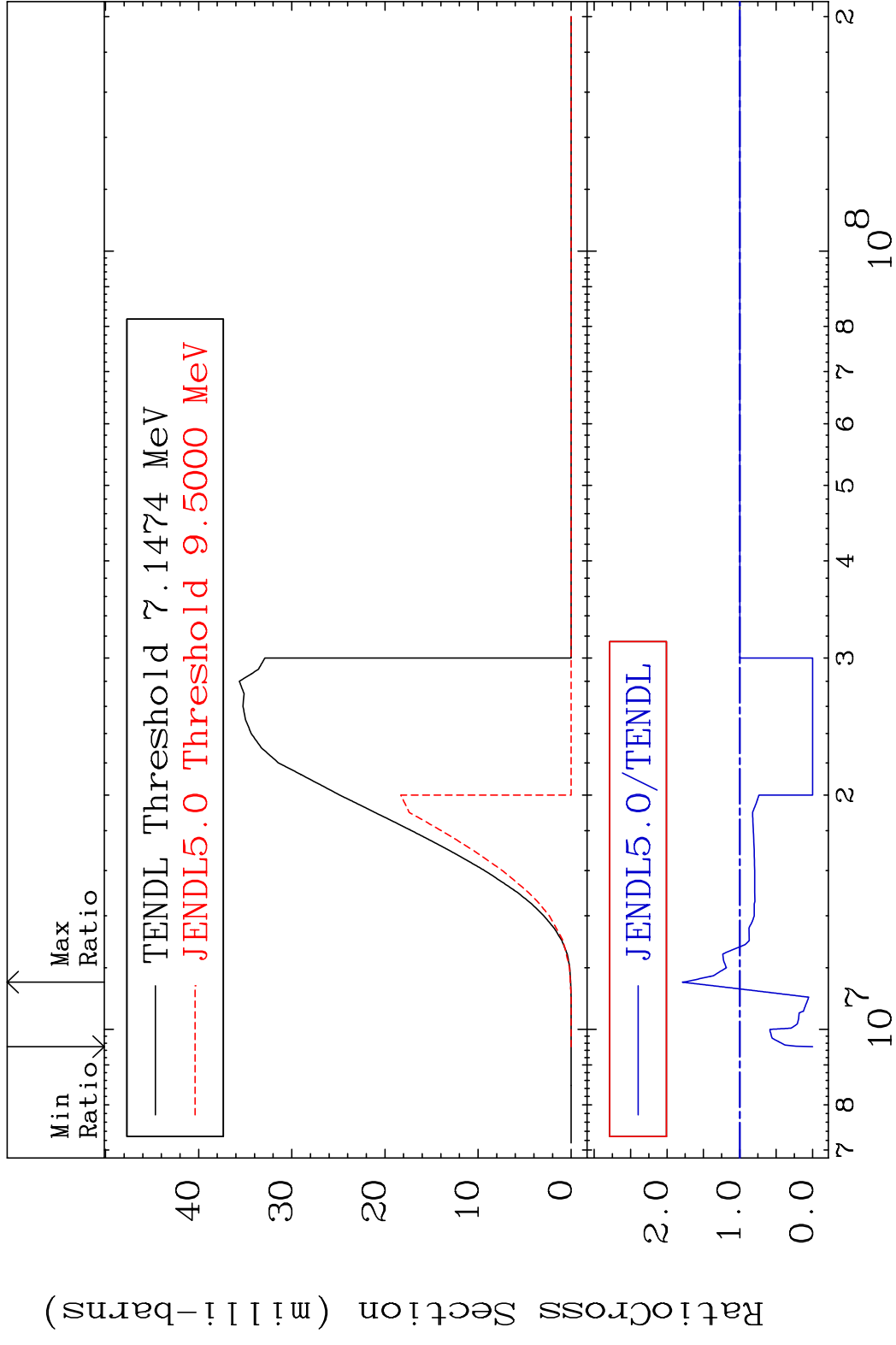
MAT 4237 (n, n') p:41-Nb-95m1 42-Mo-96
 Radionuclide Production Cross Section Ratio 74.13 %







MAT 4237 (n, d): 41-Nb-95g 42-Mo-96
 Radionuclide Production Cross Section 180.0 mb 78.91 %



MAT 4237 (n, d) : 41-Nb-95m1 42-Mo-96
 Radionuclide Production Cross Section 33.88 %

