

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

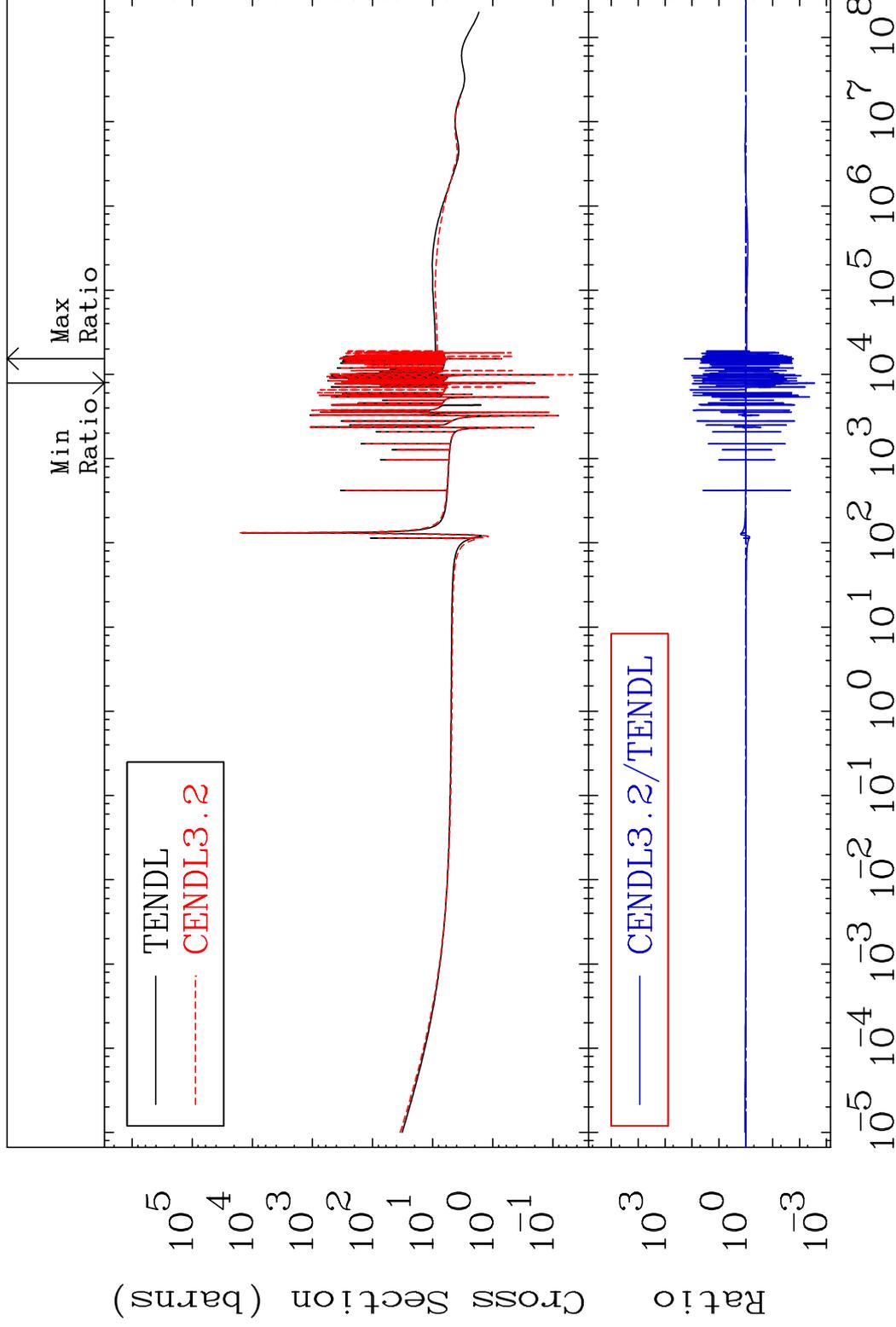
MAT 4237

Total

42-Mo-96

Cross Section

-99.73 To 9999. %

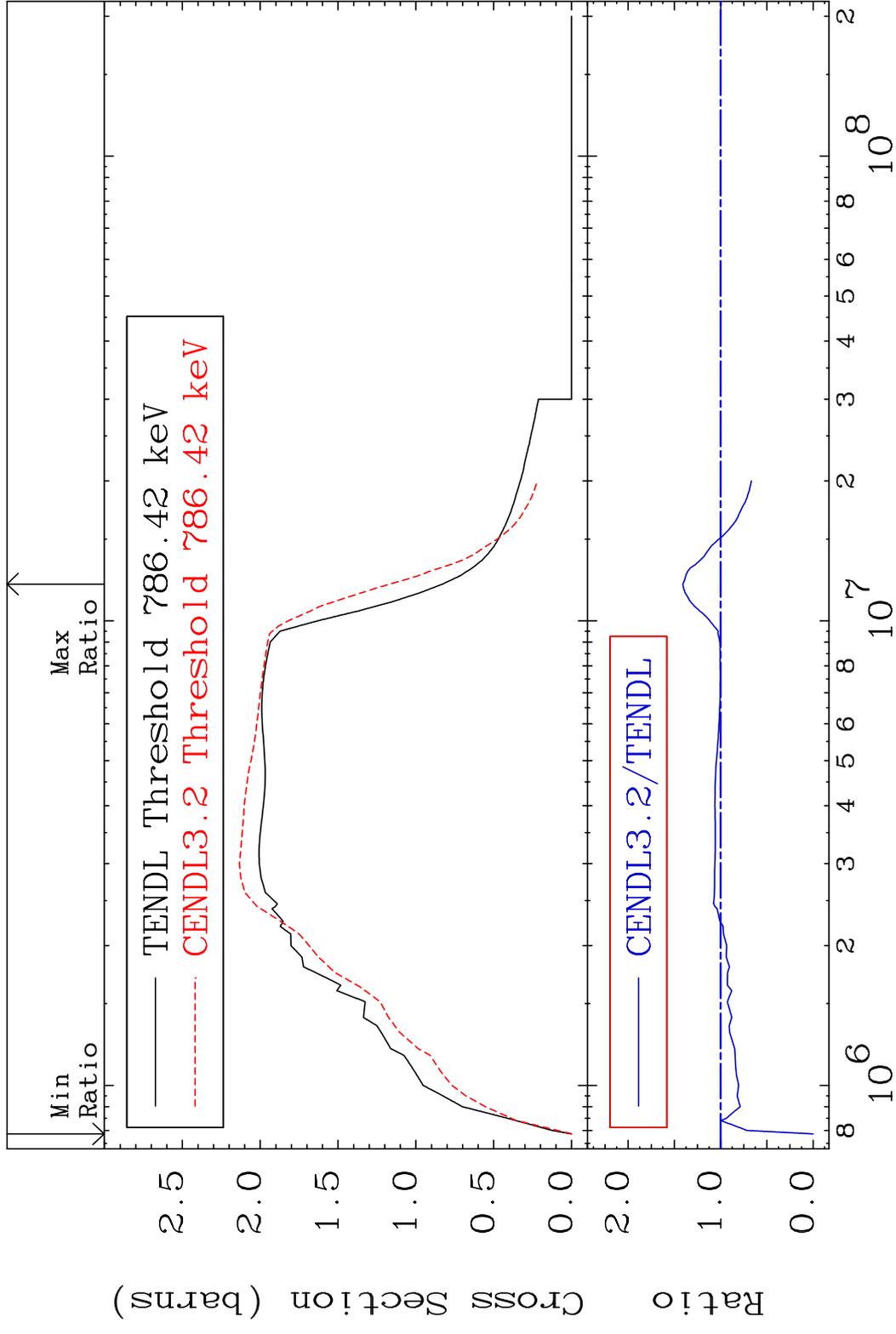


1

Incident Energy (eV)

42-Mo-96

MAT 4237 Inelastic Cross Section -100.0 To 40.88 % 42-Mo-96



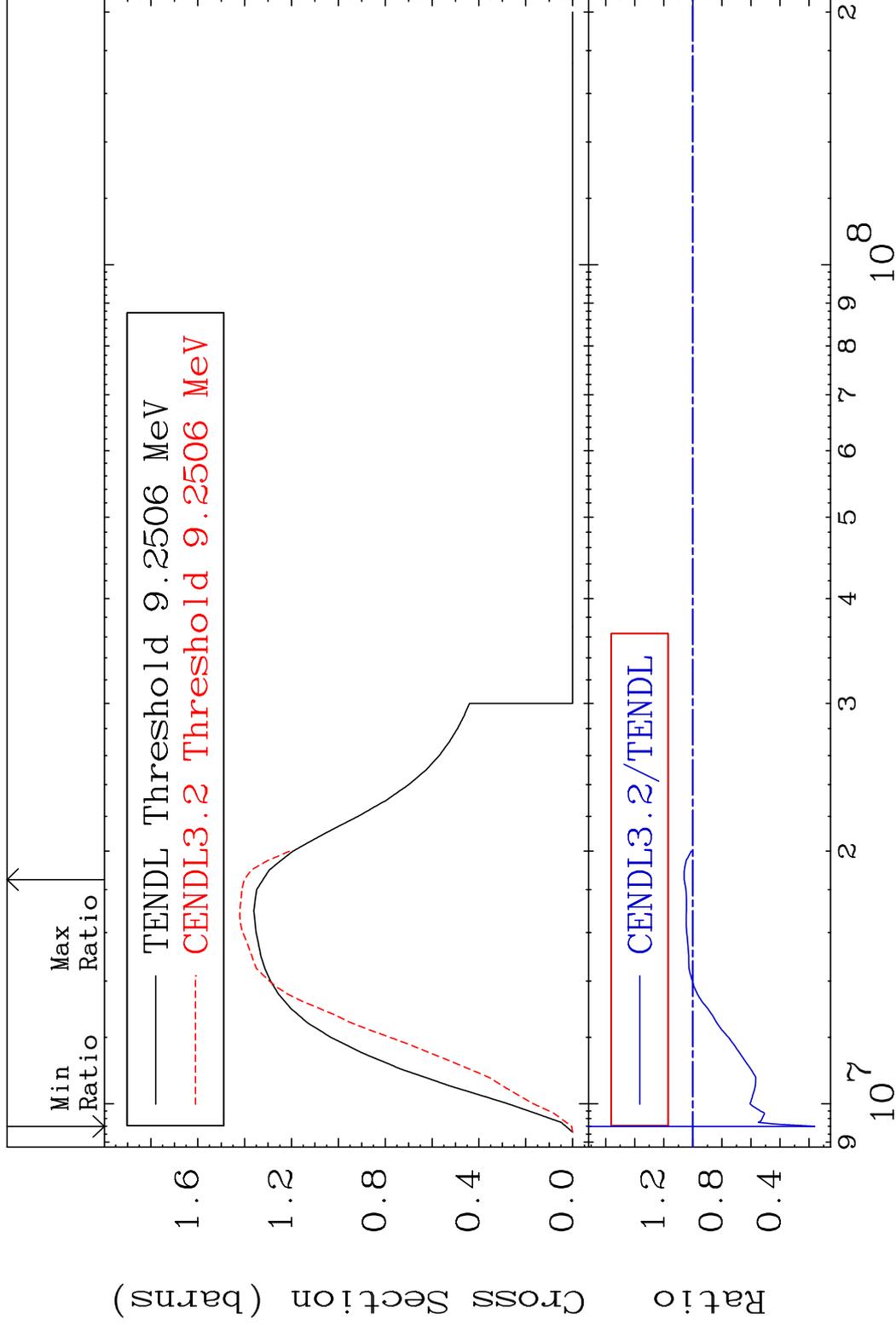
3 Incident Energy (eV) 42-Mo-96

MAT 4237

(n,2n)

42-Mo-96

Cross Section -83.83 To 6.022 %



4

Incident Energy (eV)

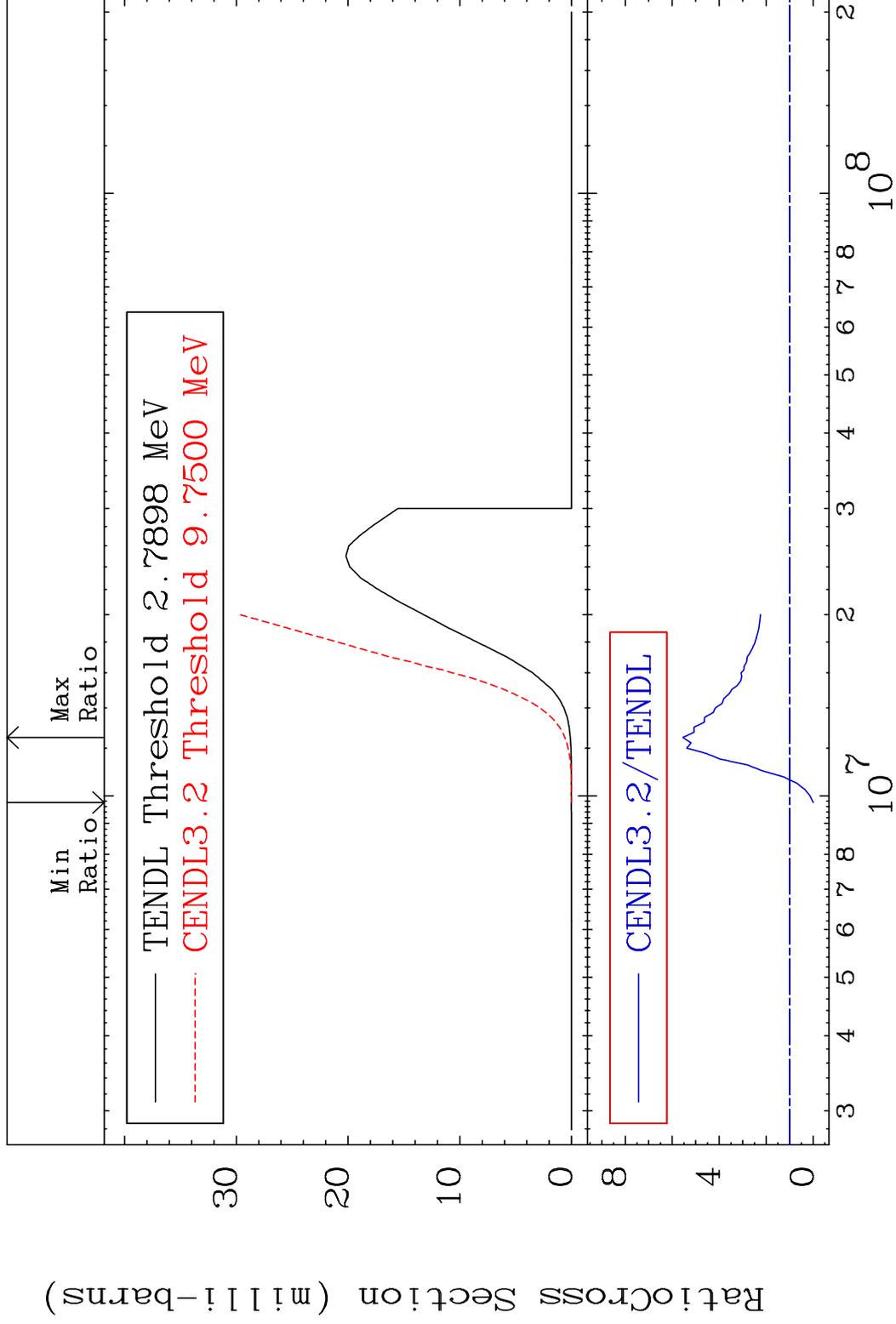
42-Mo-96

MAT 4237

(n, n') α

42-Mo-96

Cross Section -100.0 To 454.8 %



6

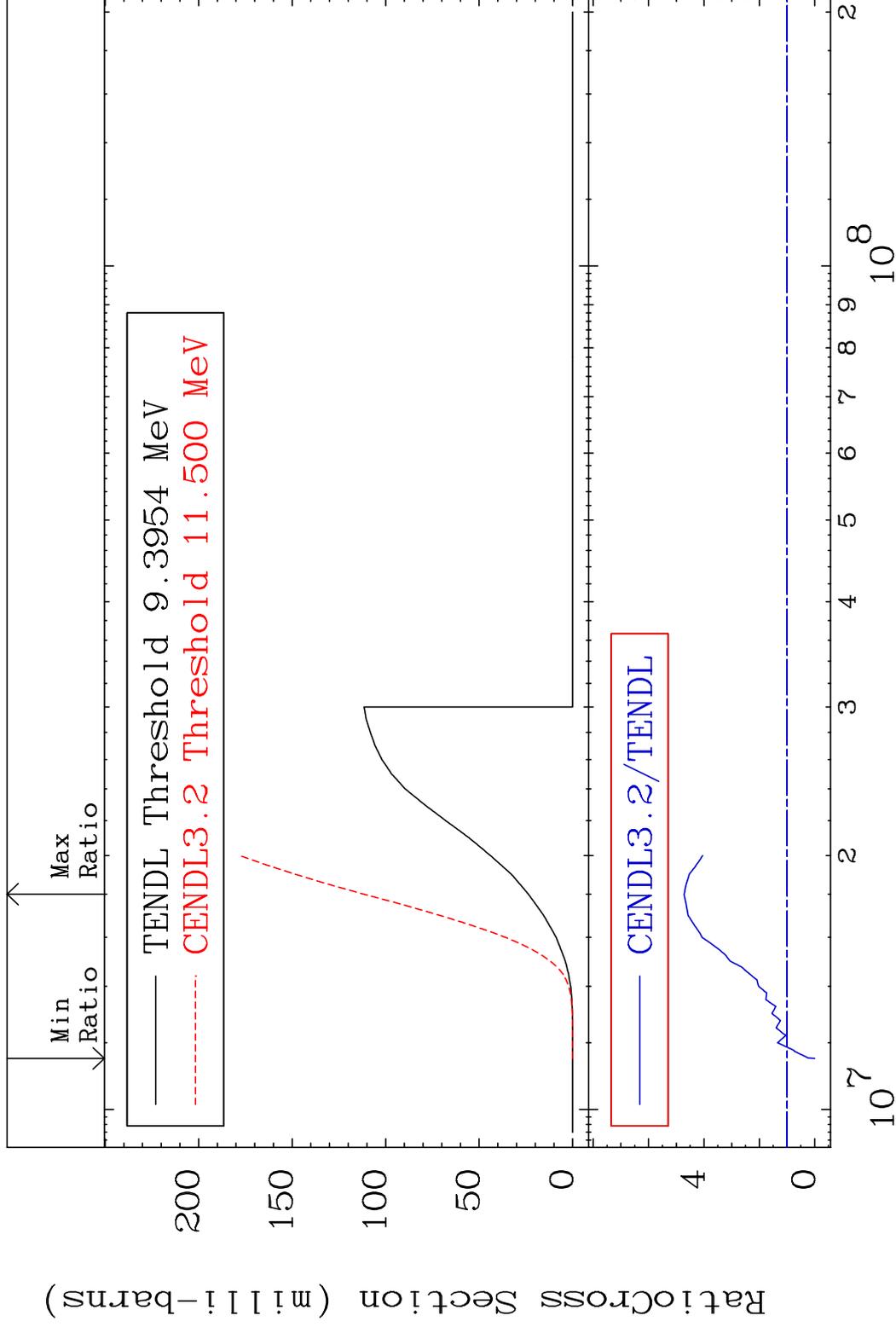
Incident Energy (eV)

42-Mo-96

MAT 4237

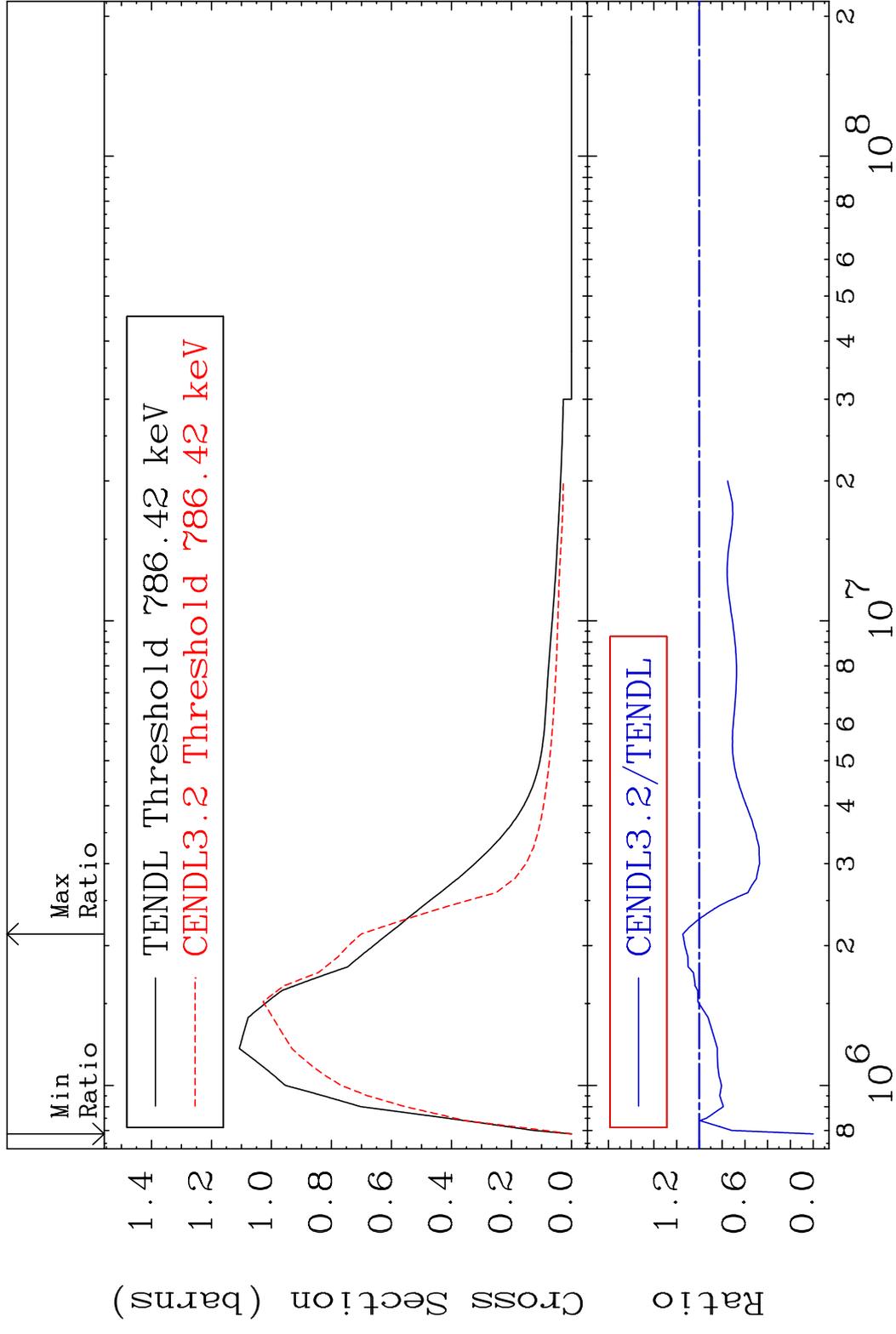
(n, n') p
Cross Section -100.0 To 371.6 %

42-Mo-96

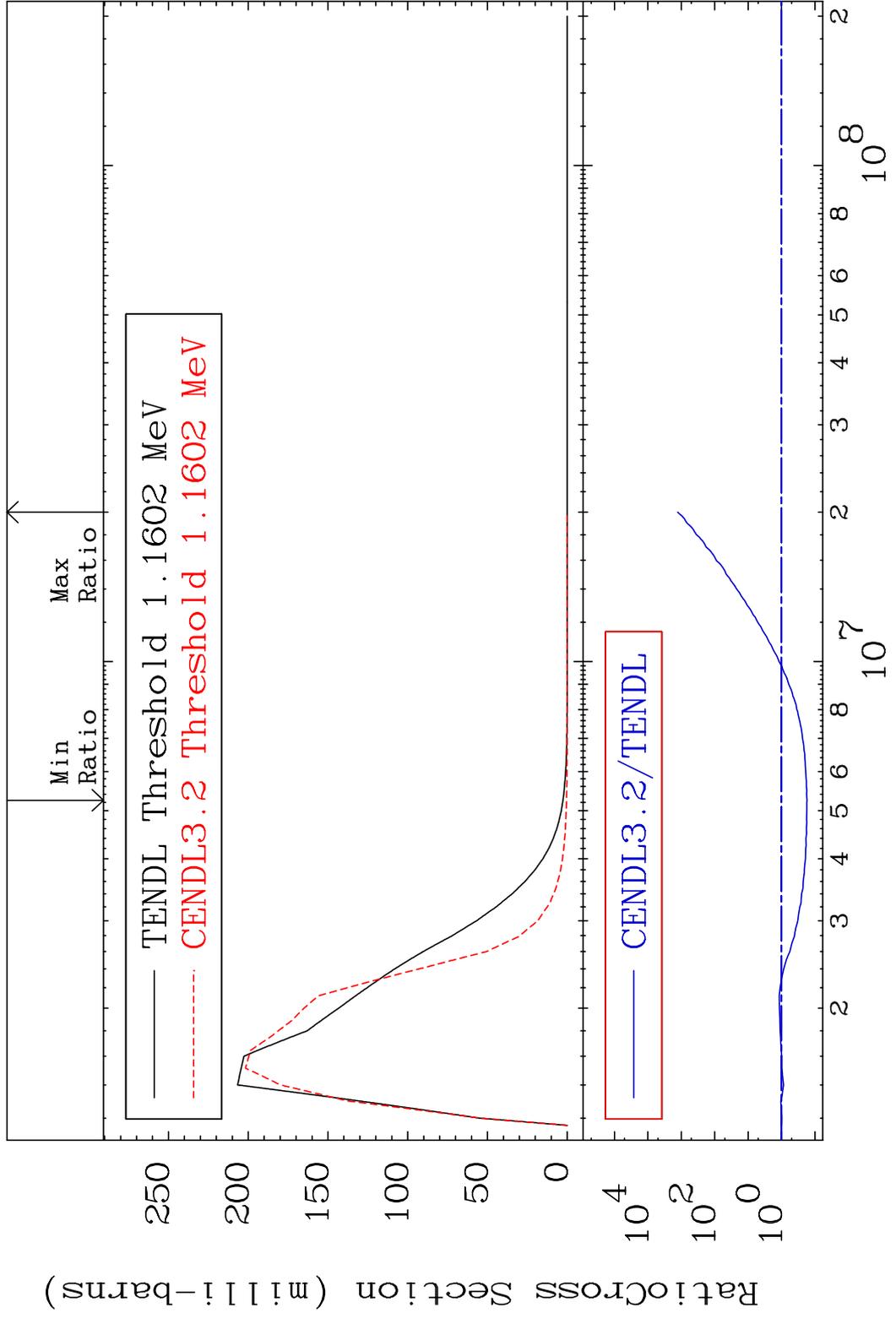


7 Incident Energy (eV) 42-Mo-96

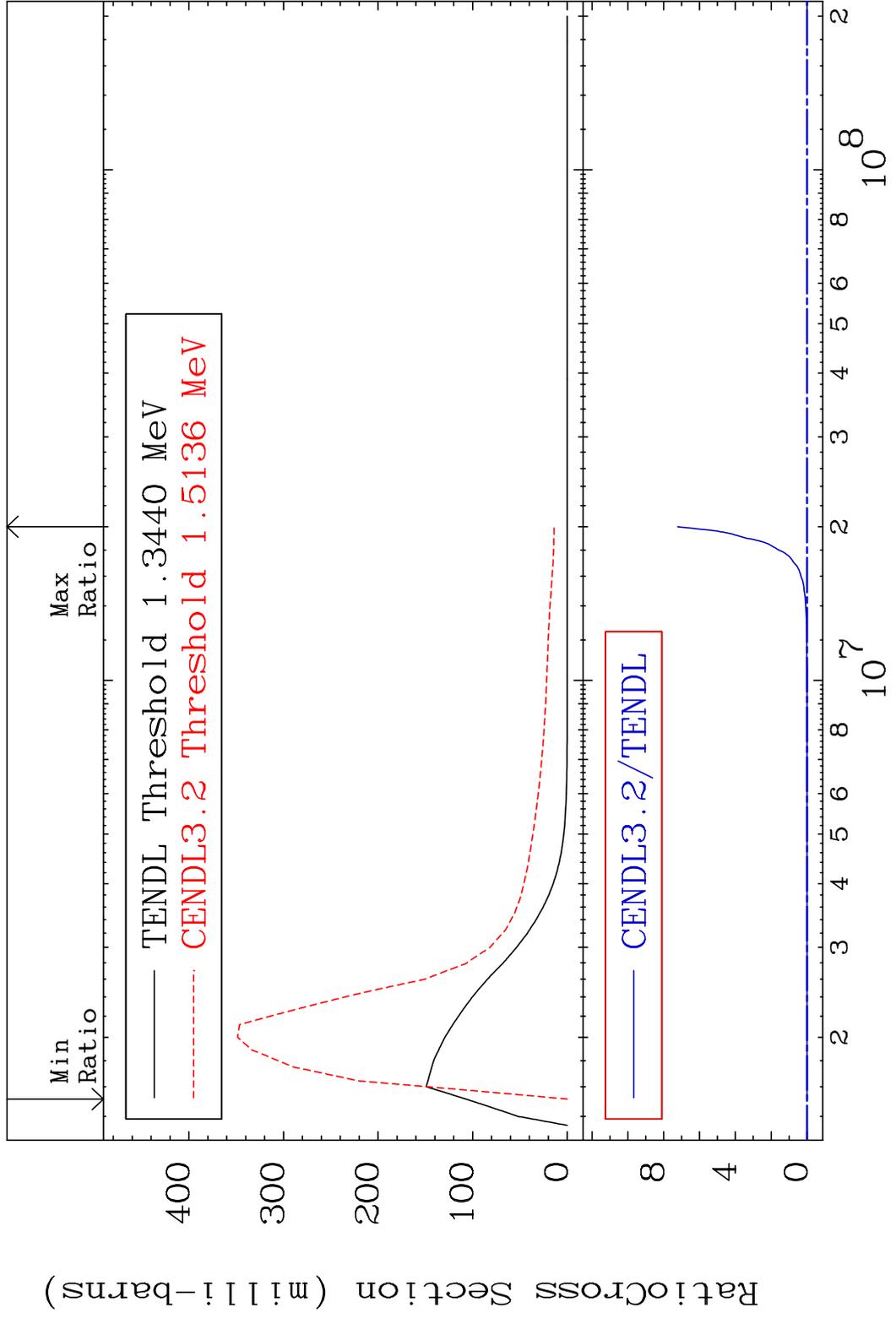
MAT 4237 MT= 51 (n,n') Level 42-Mo-96
 Cross Section -100.0 To 14.56 %



MAT 4237 MT= 52 (n, n') Level 42-Mo-96
 Cross Section -82.69 To 9999. %

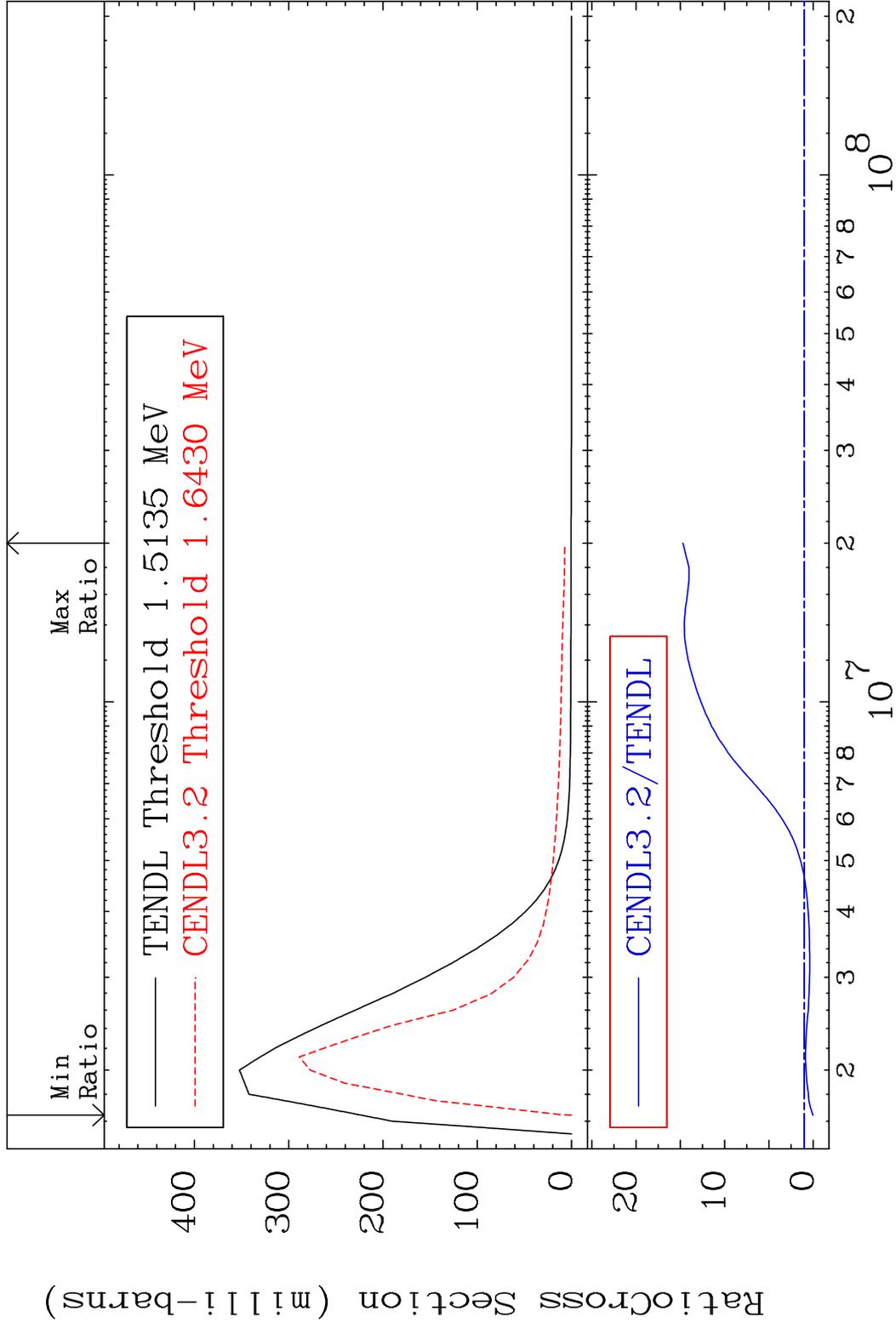


MAT 4237 MT= 53 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 9999. %

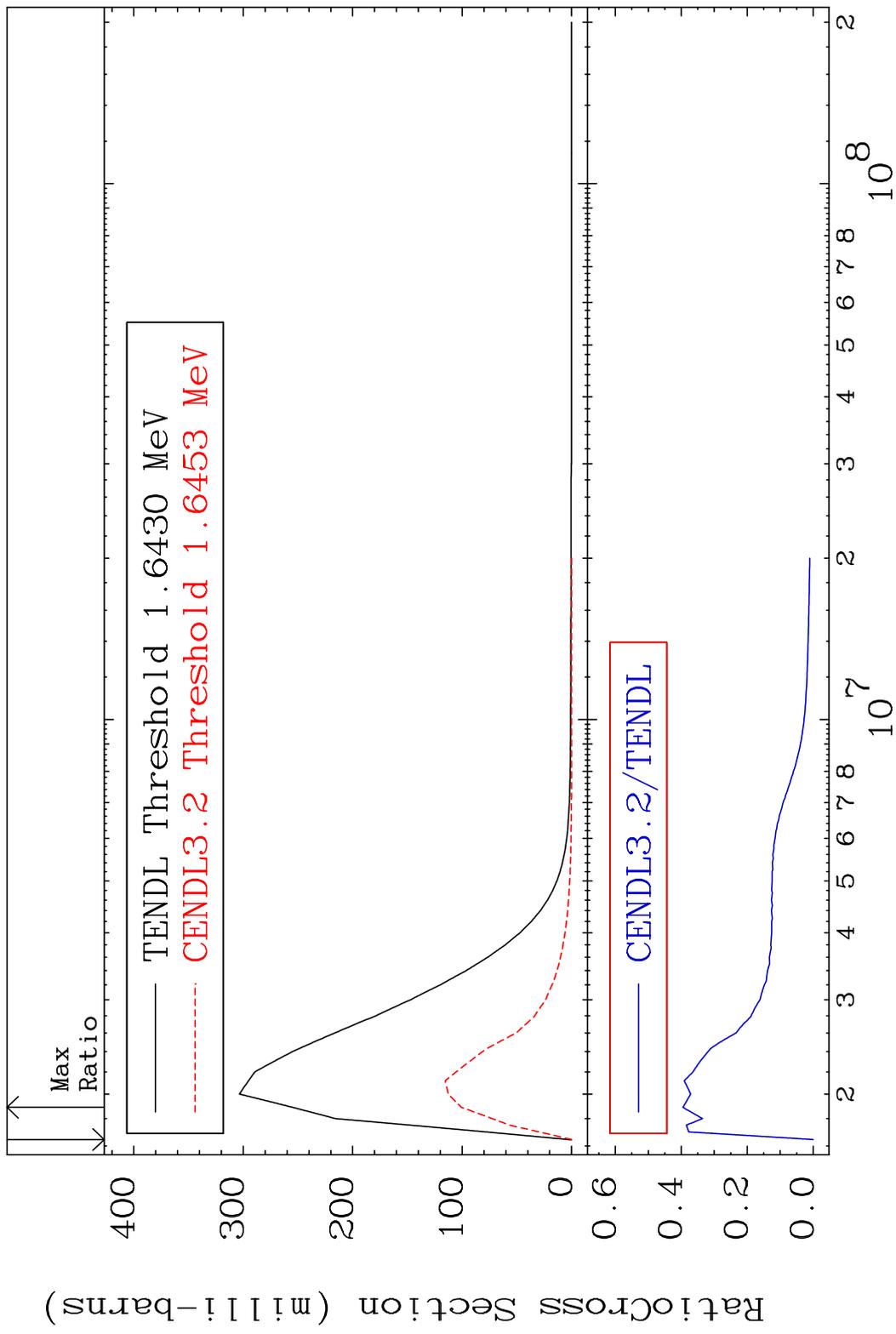


10 Incident Energy (eV) 42-Mo-96

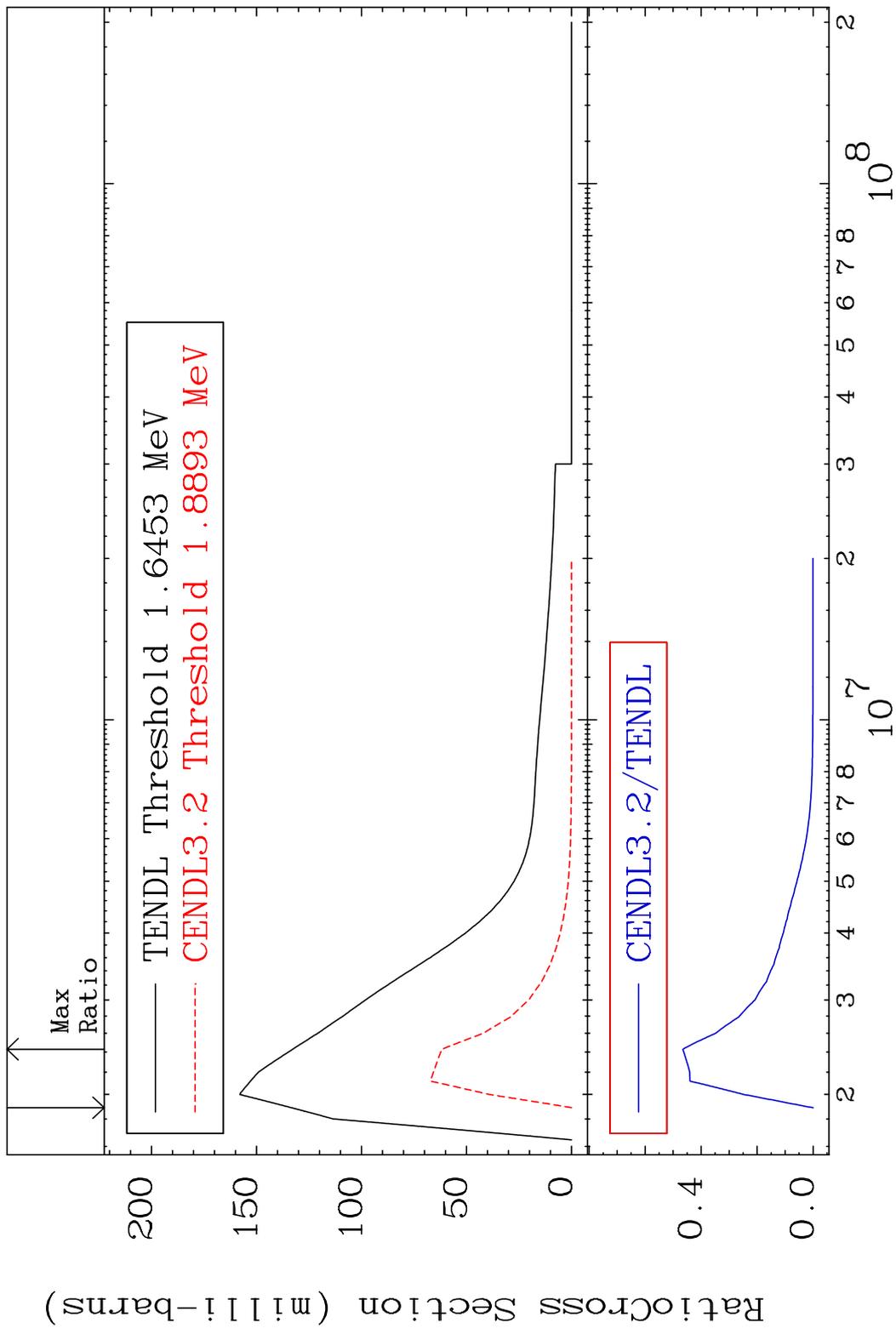
MAT 4237 MT= 54 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 1372. %



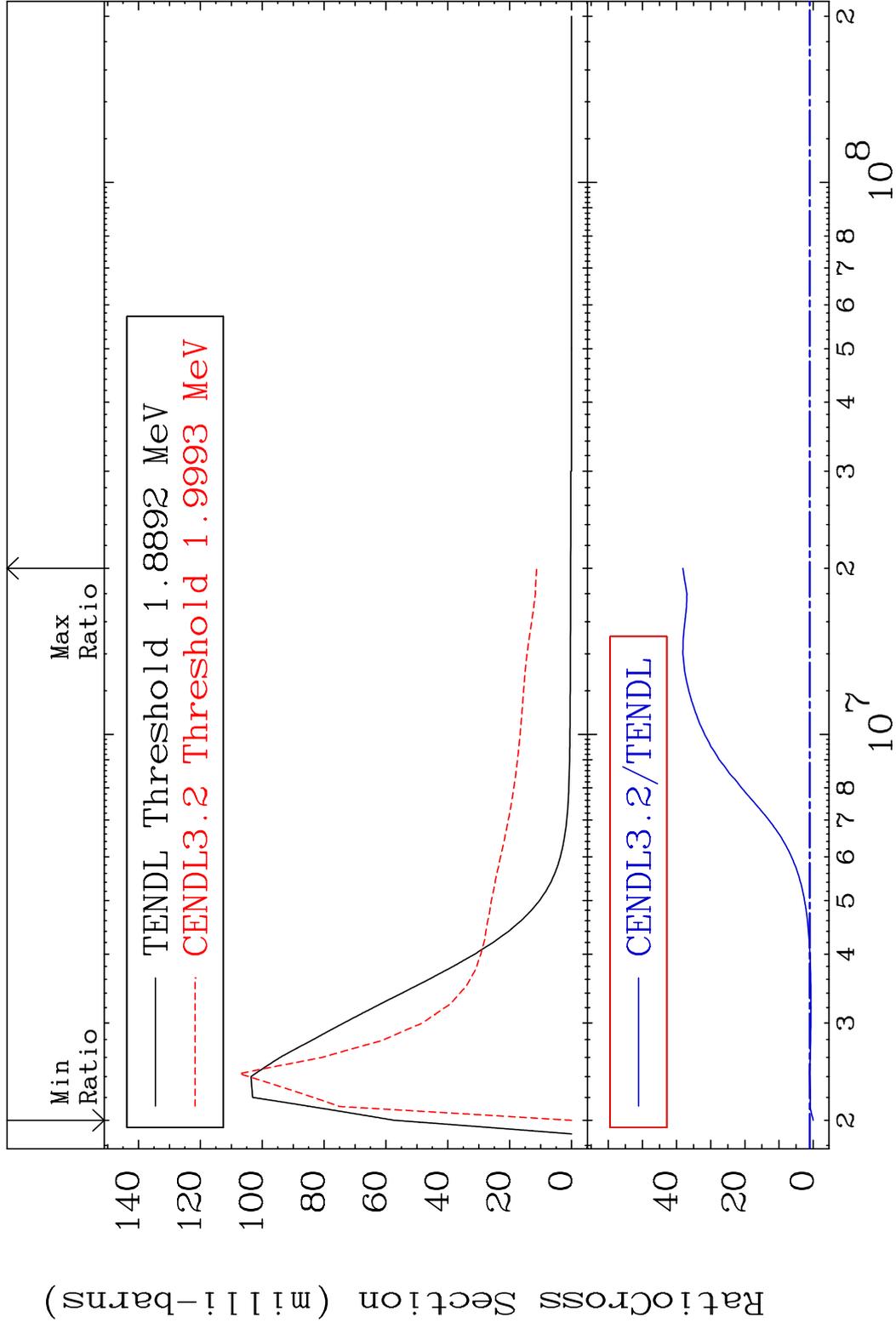
MAT 4237 MT= 55 (n,n') Level 42-Mo-96
 Cross Section -100.0 To -60.47%



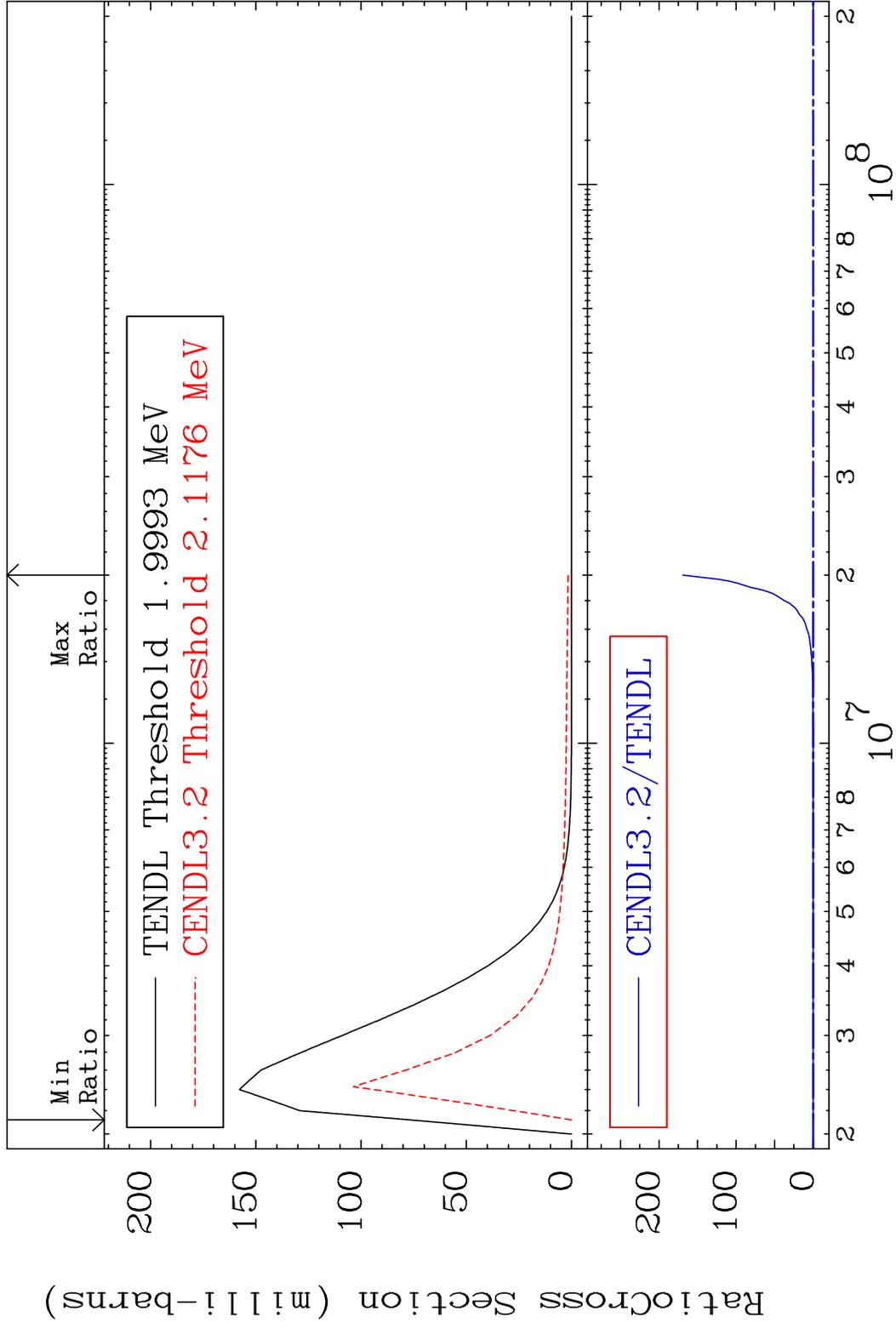
MAT 4237 MT= 56 (n,n') Level 42-Mo-96
 Cross Section -100.0 To -53.46%



MAT 4237 MT= 57 (n, n') Level 42-Mo-96
 Cross Section -100.0 To 3716. %



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

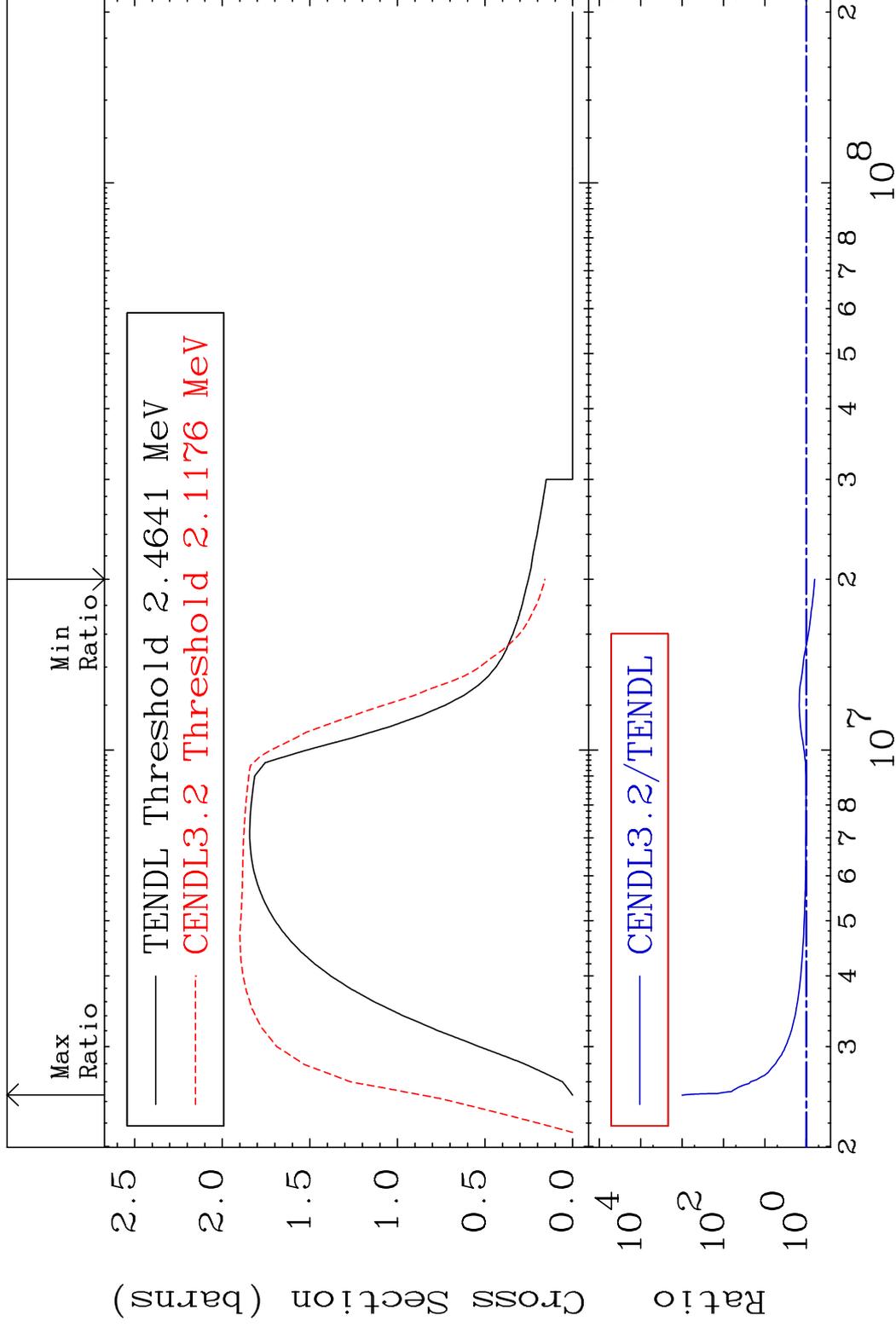


MAT 4237

(n, n') Continuum

42-Mo-96

Cross Section -37.40 To 9999. %



16

Incident Energy (eV)

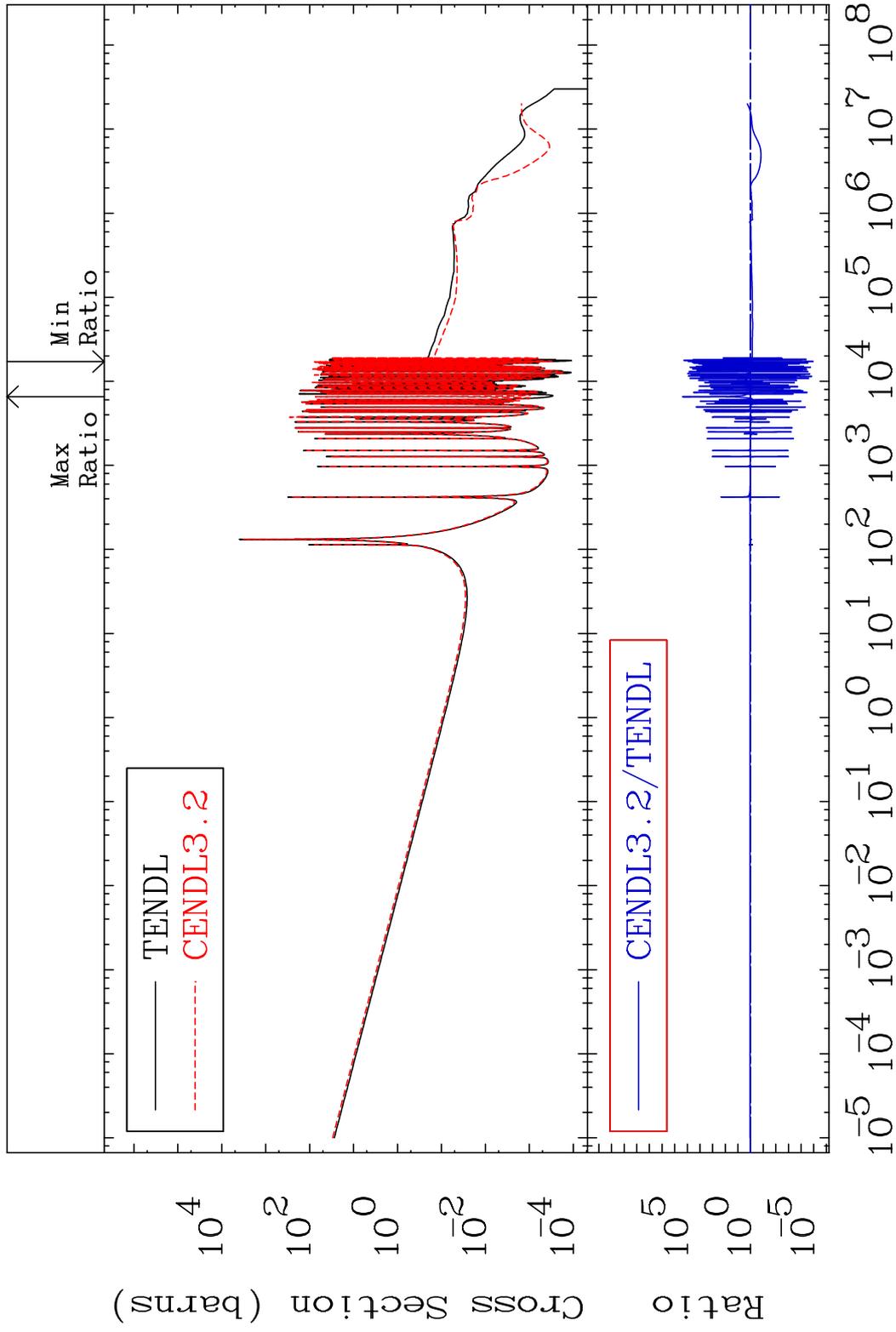
42-Mo-96

MAT 4237

(n, γ)

42-Mo-96

Cross Section -100.0 To 9999. %



17

Incident Energy (eV)

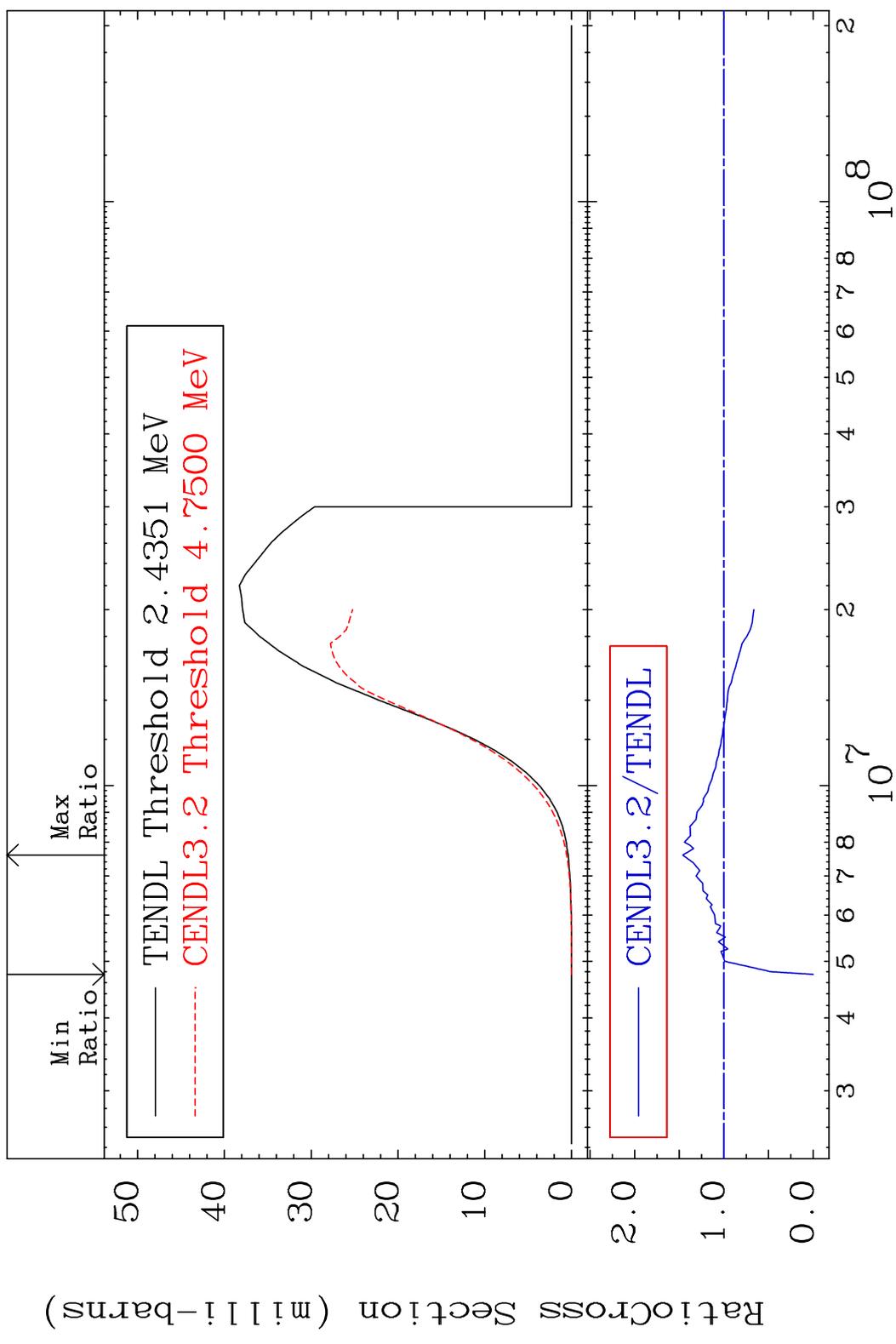
42-Mo-96

MAT 4237

(n, p)

42-Mo-96

Cross Section -100.0 To 46.05 %

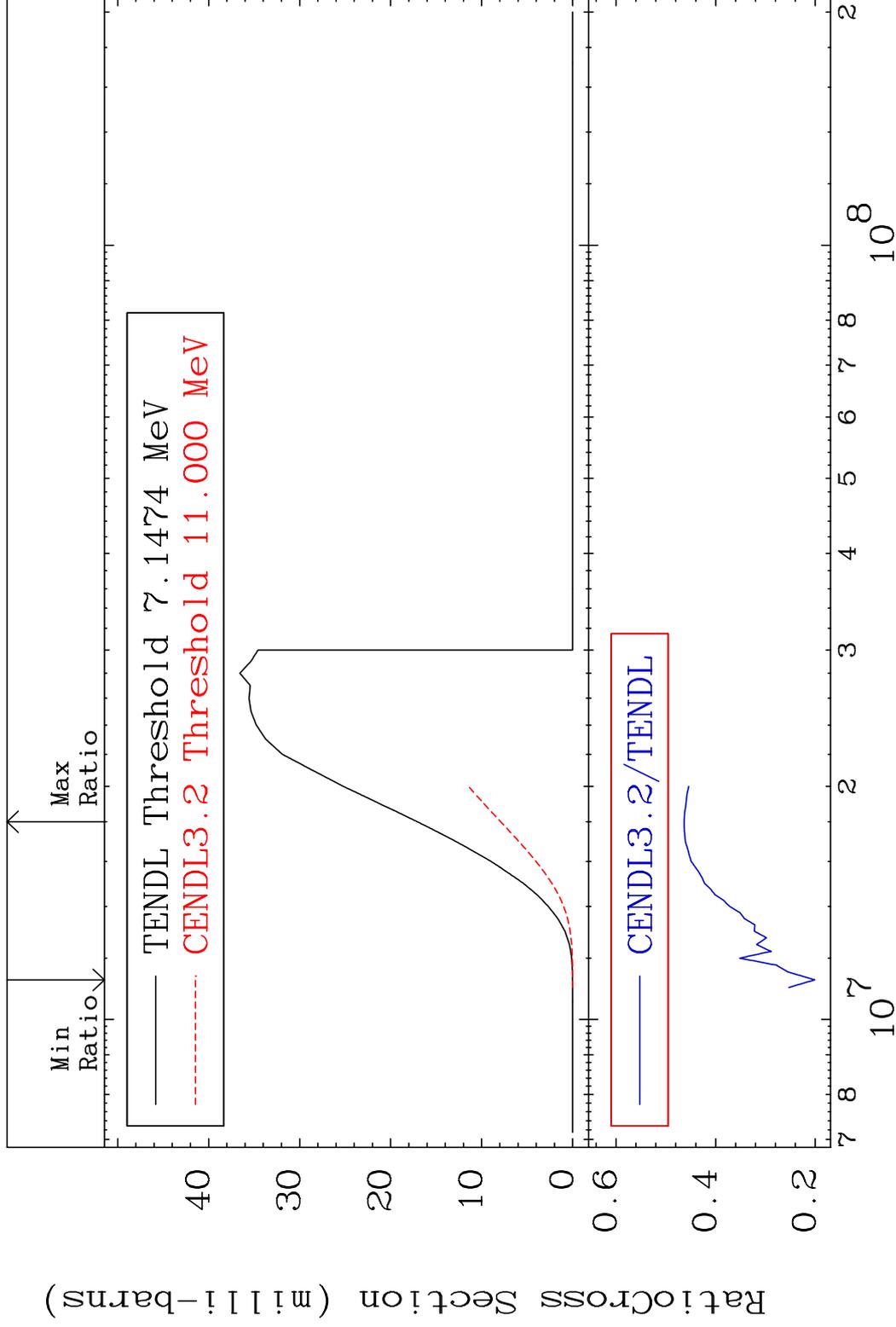


MAT 4237

(n,d)

42-Mo-96

Cross Section -79.89 To -53.67%



19

Incident Energy (eV)

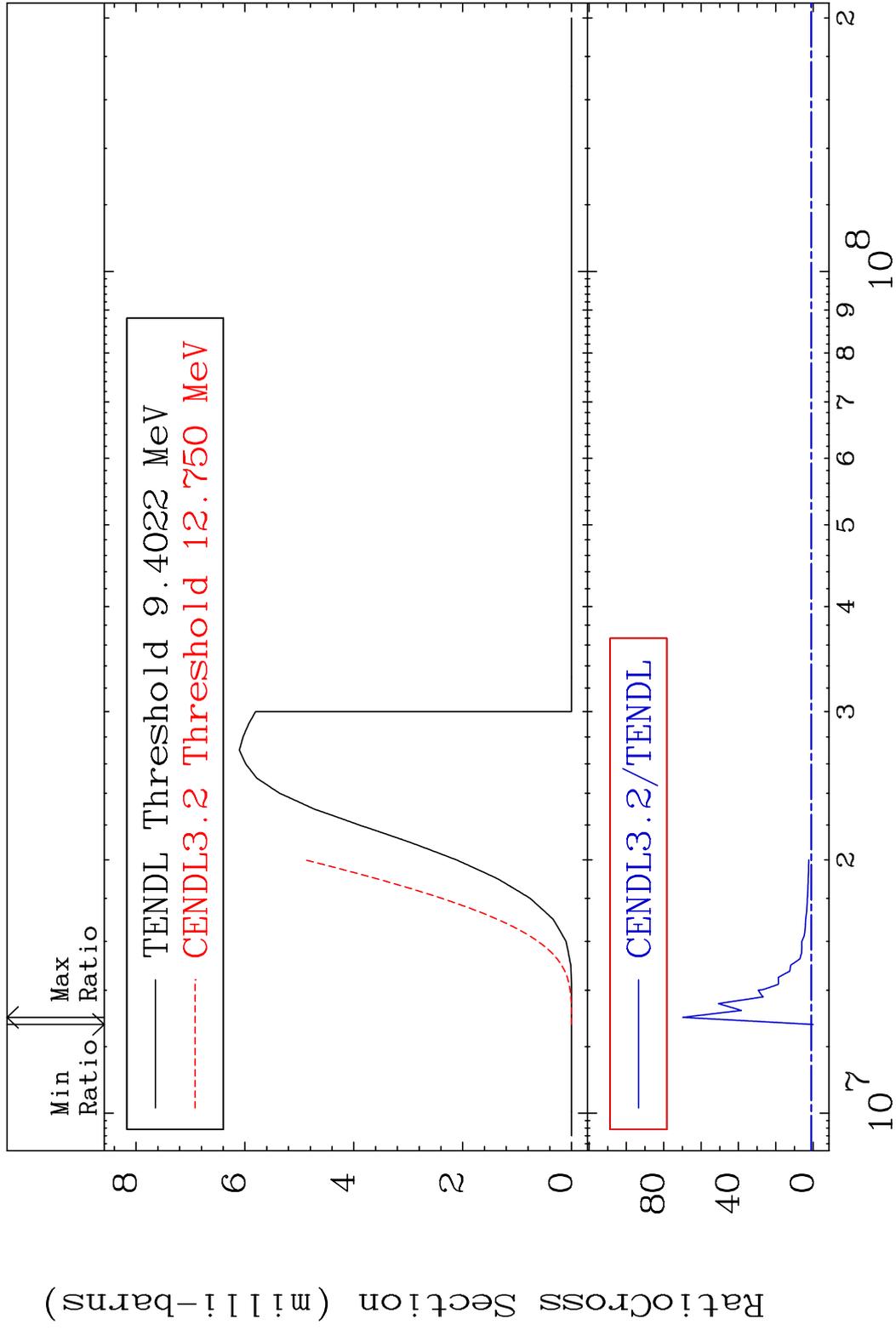
42-Mo-96

MAT 4237

(n, t)

42-Mo-96

Cross Section -100.0 To 6876. %



20

Incident Energy (eV)

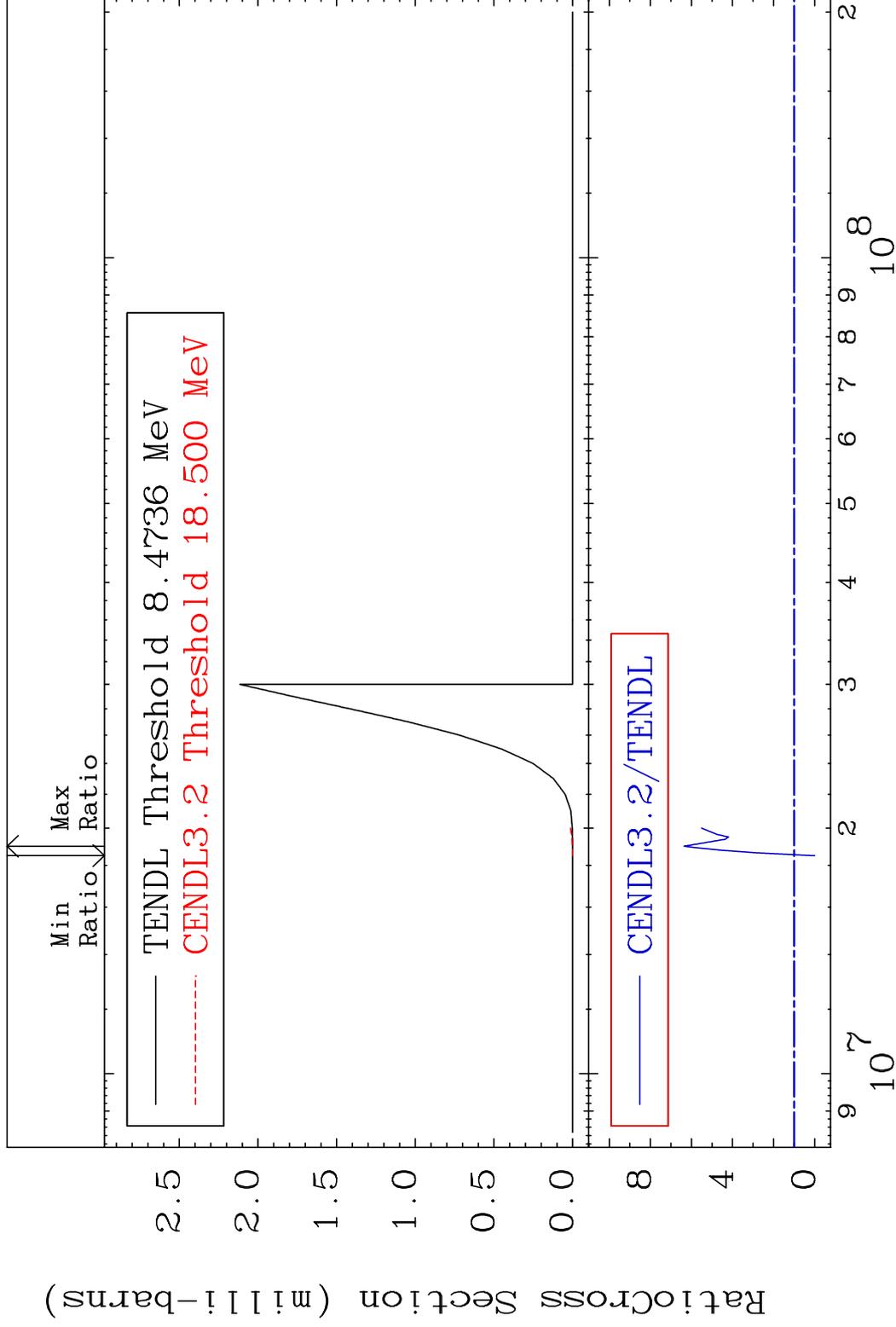
42-Mo-96

MAT 4237

(n, He-3)

42-Mo-96

Cross Section -100.0 To 535.6 %



21

Incident Energy (eV)

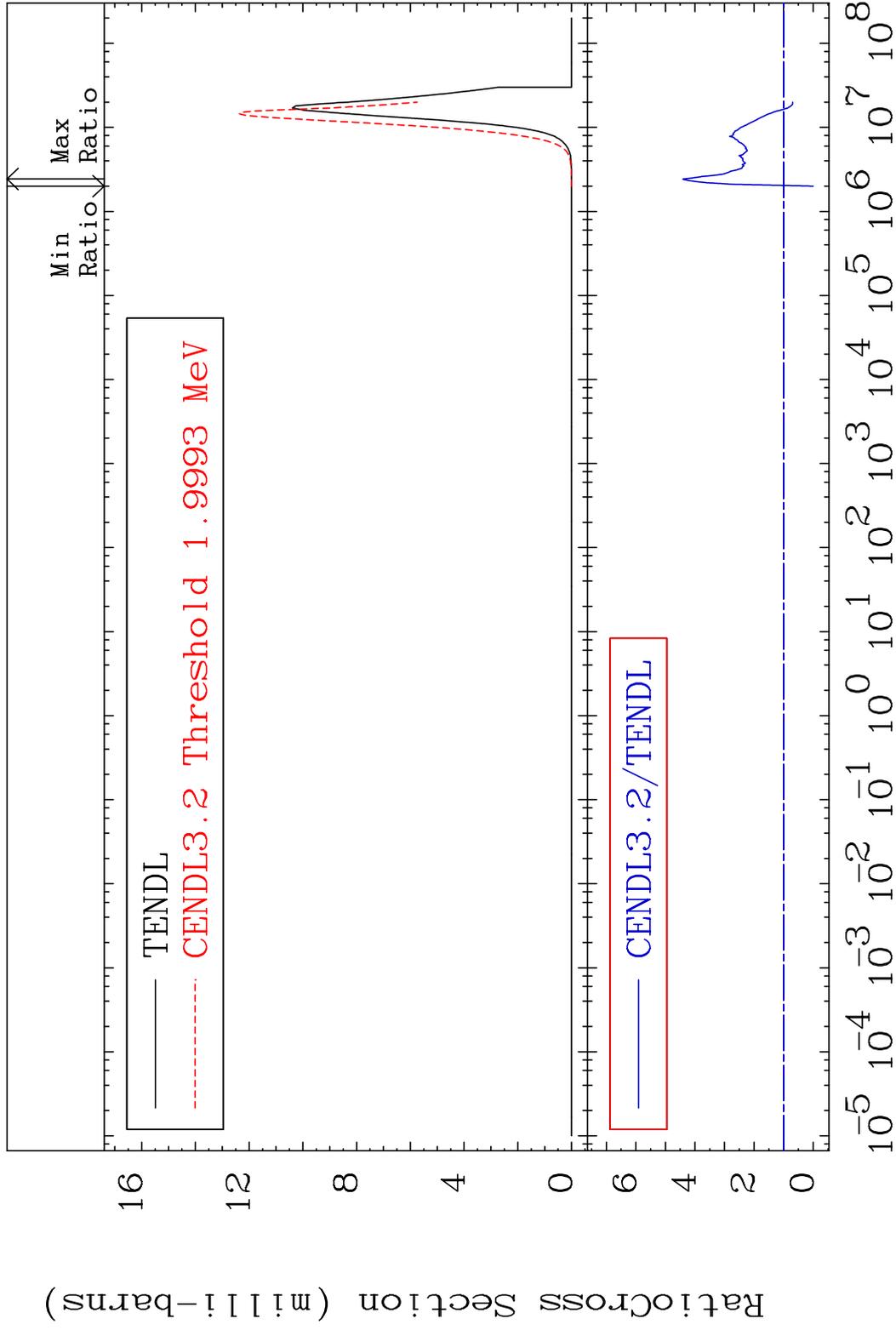
42-Mo-96

MAT 4237

(n, α)

42-Mo-96

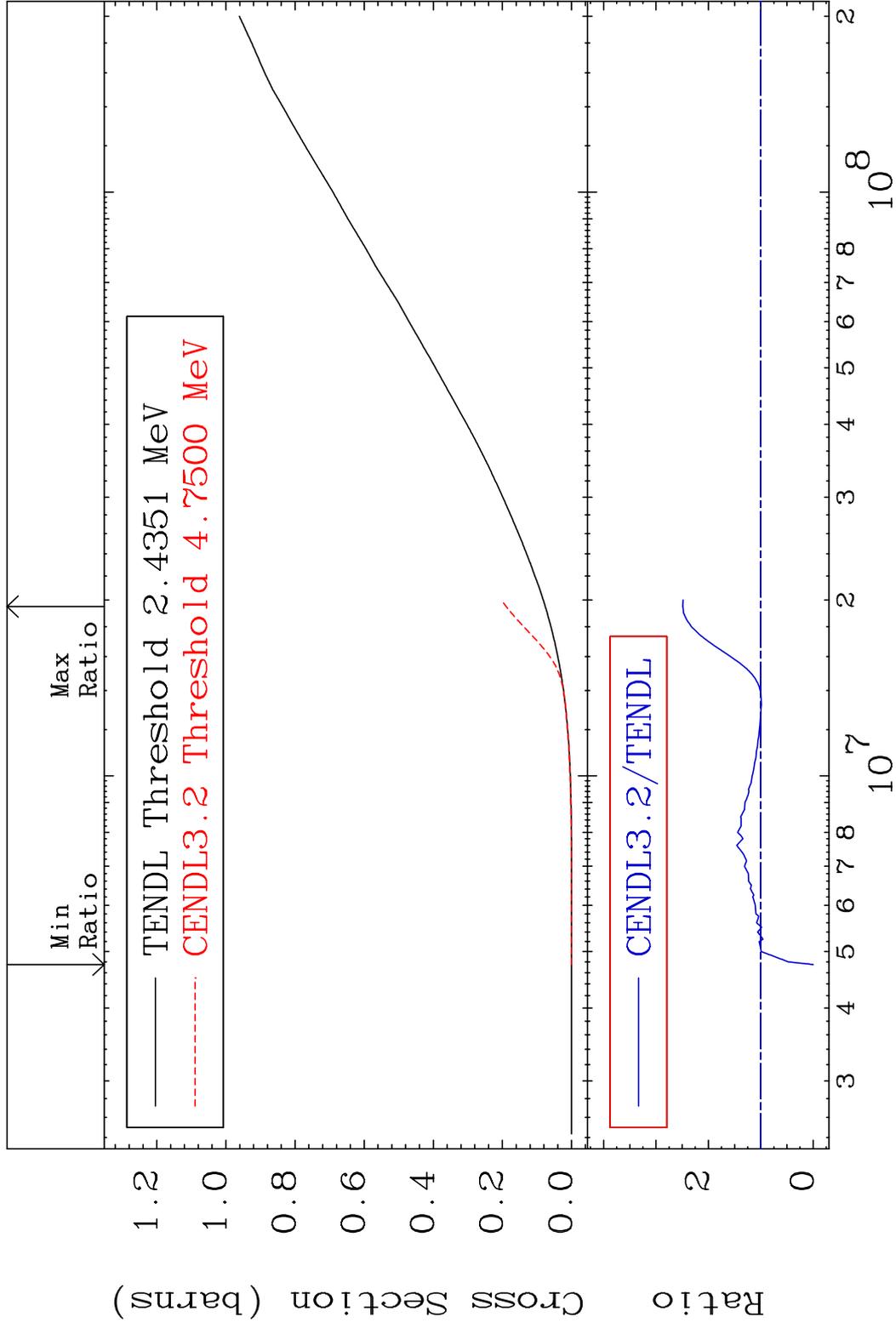
Cross Section -100.0 To 341.1 %



22

Incident Energy (eV)

42-Mo-96

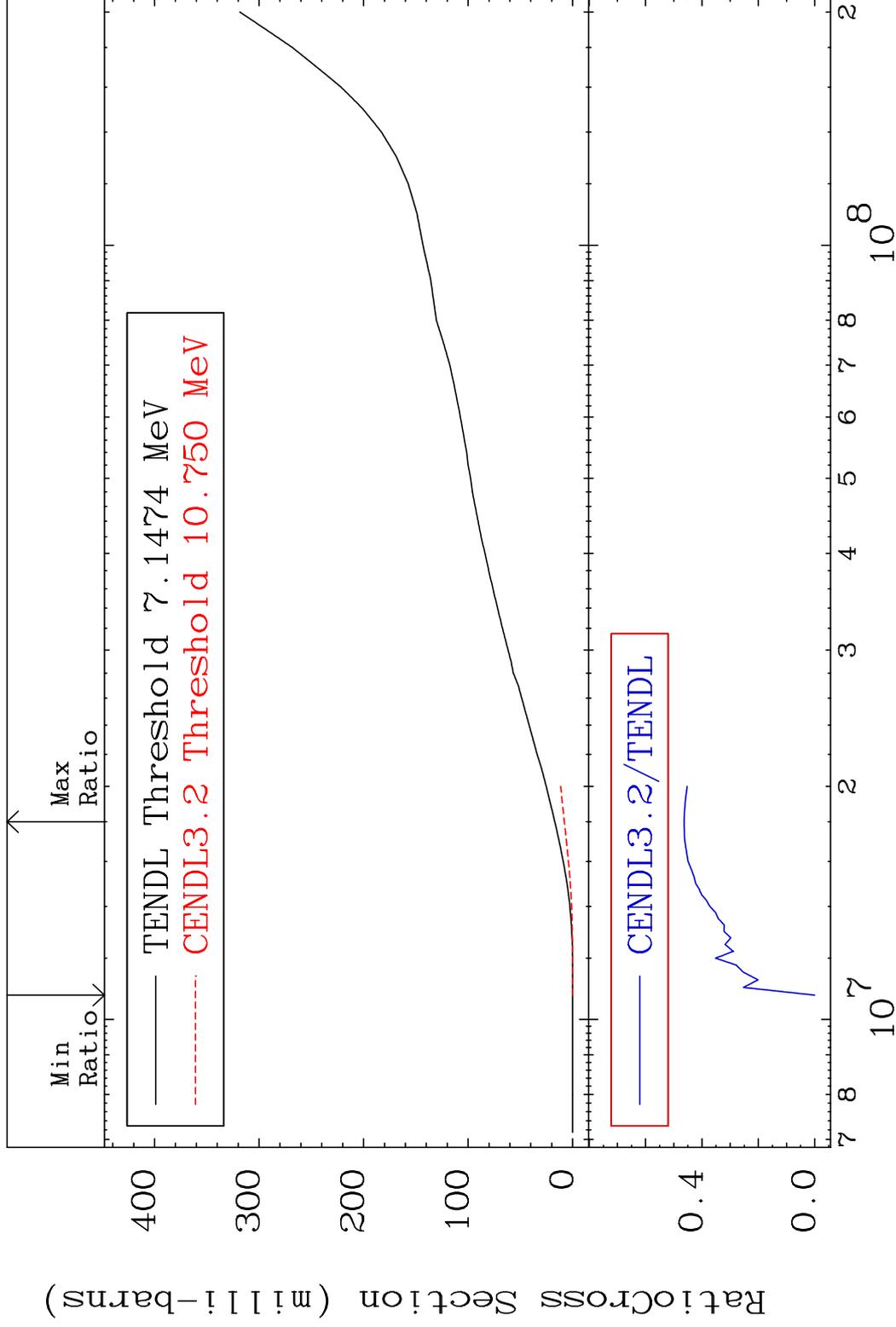


MAT 4237

Deuterium Production

42-Mo-96

Cross Section -100.0 To -53.67%



24

Incident Energy (eV)

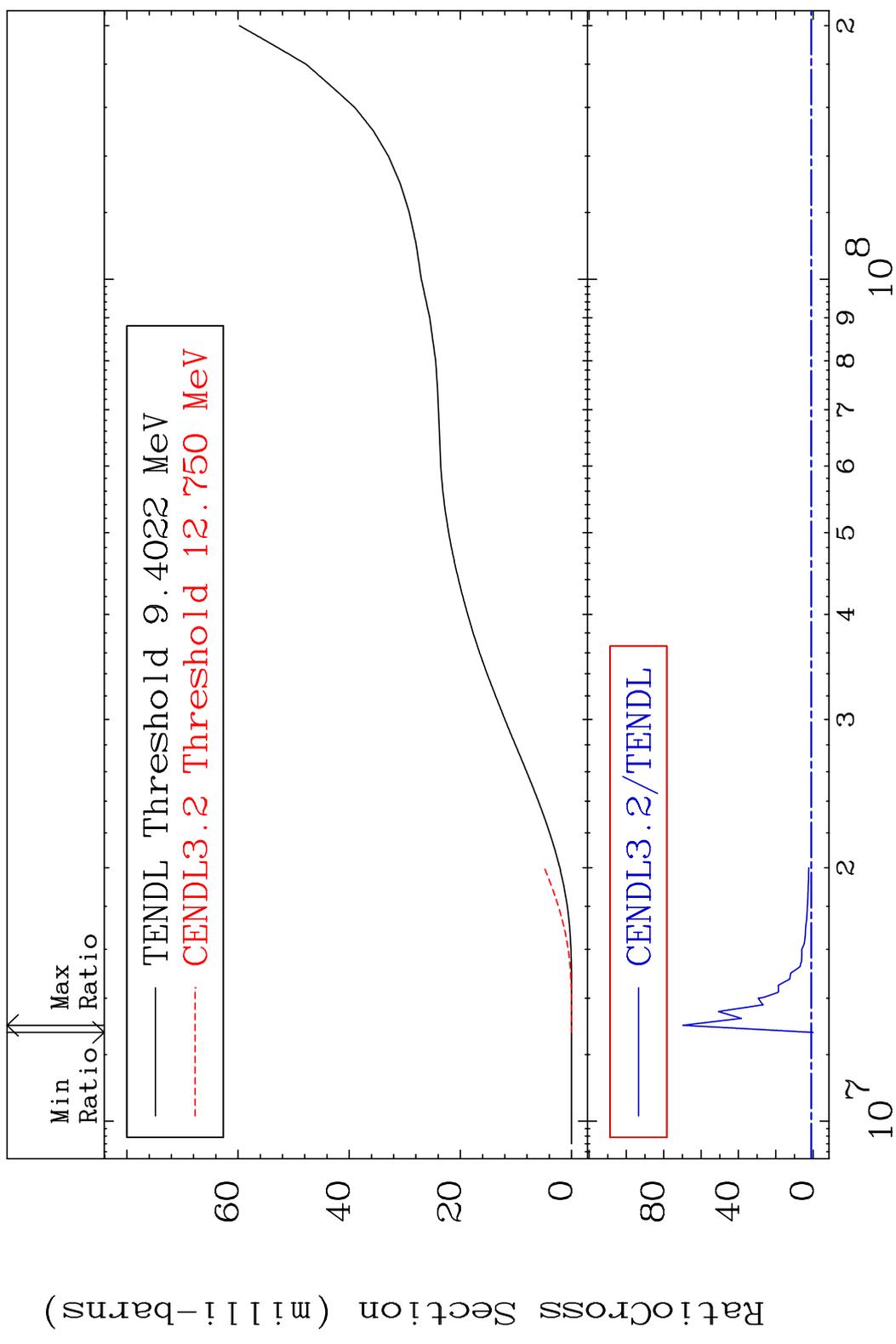
42-Mo-96

MAT 4237

Tritium Production

42-Mo-96

Cross Section -100.0 To 6876. %



25

Incident Energy (eV)

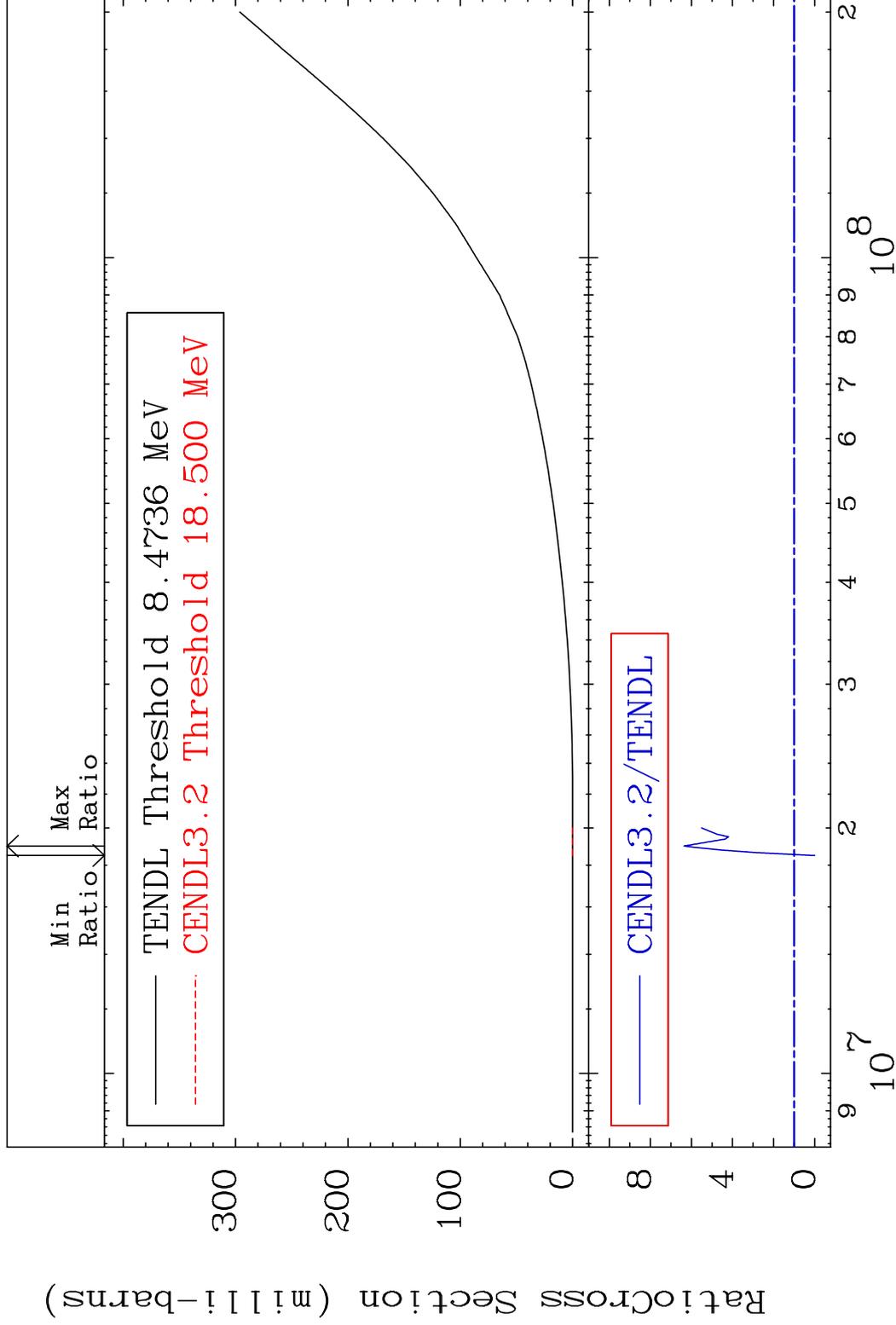
42-Mo-96

MAT 4237

He-3 Production

42-Mo-96

Cross Section -100.0 To 535.6 %



26

Incident Energy (eV)

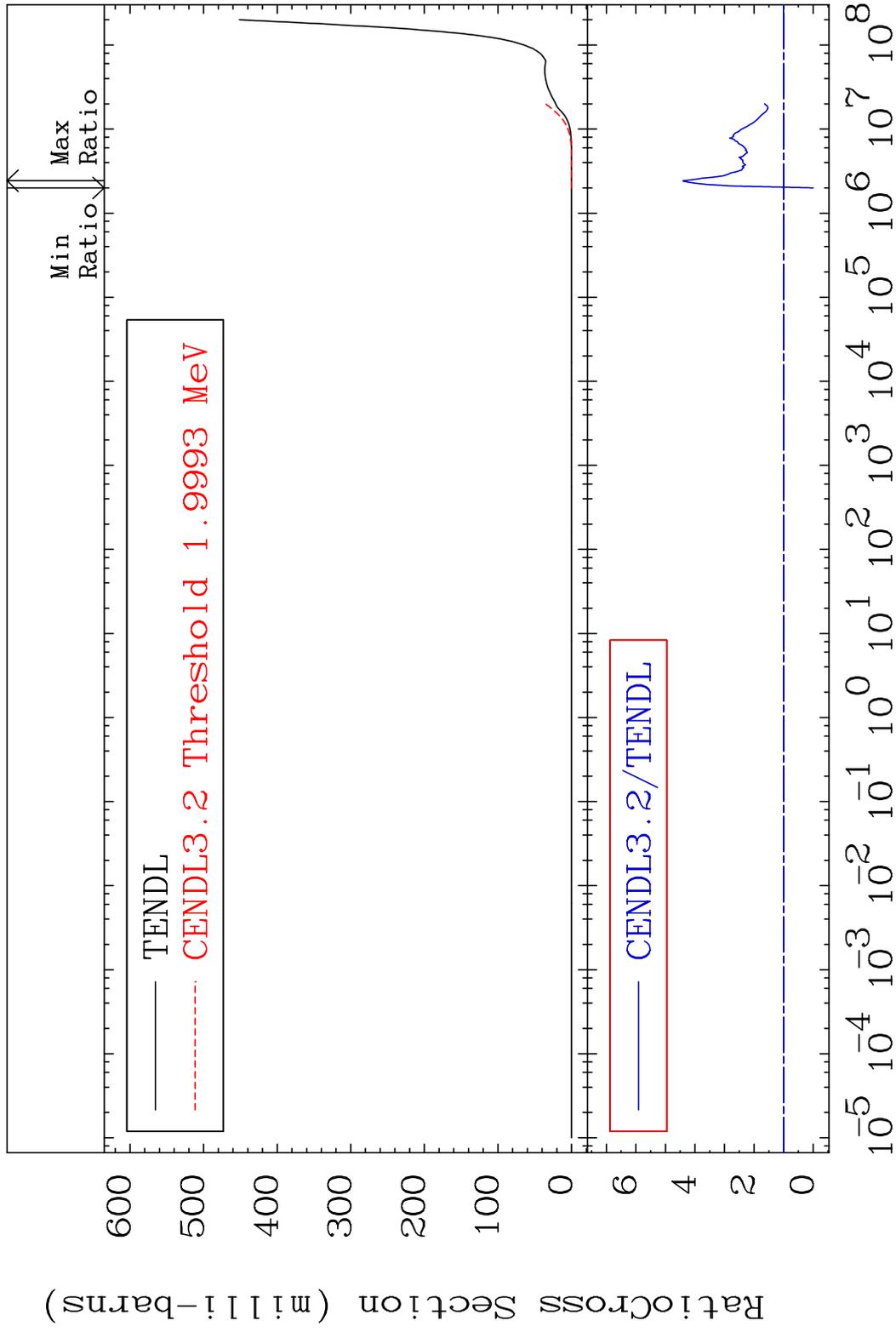
42-Mo-96

MAT 4237

He-4 Production

42-Mo-96

Cross Section -100.0 To 341.1 %

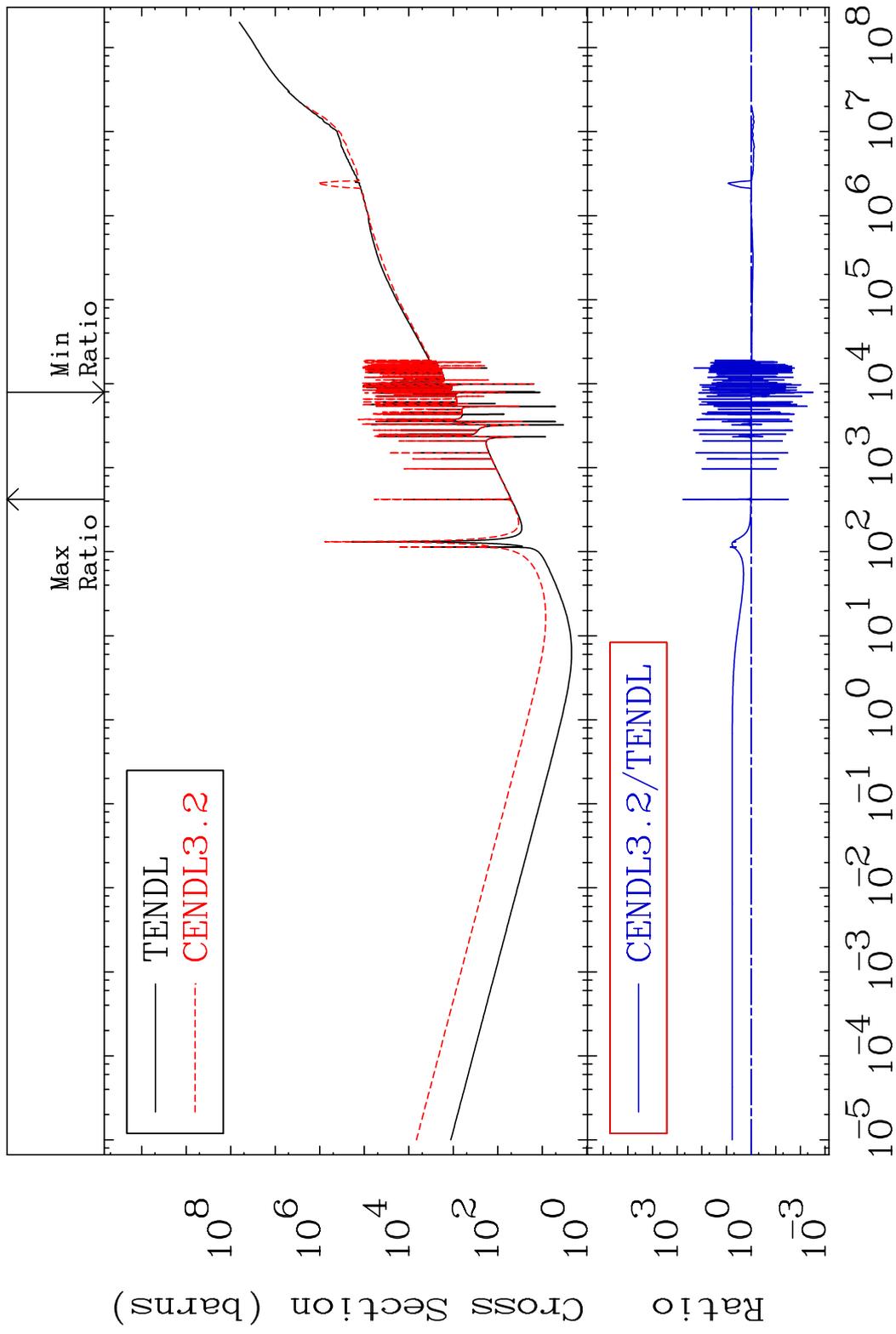


27

Incident Energy (eV)

42-Mo-96

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

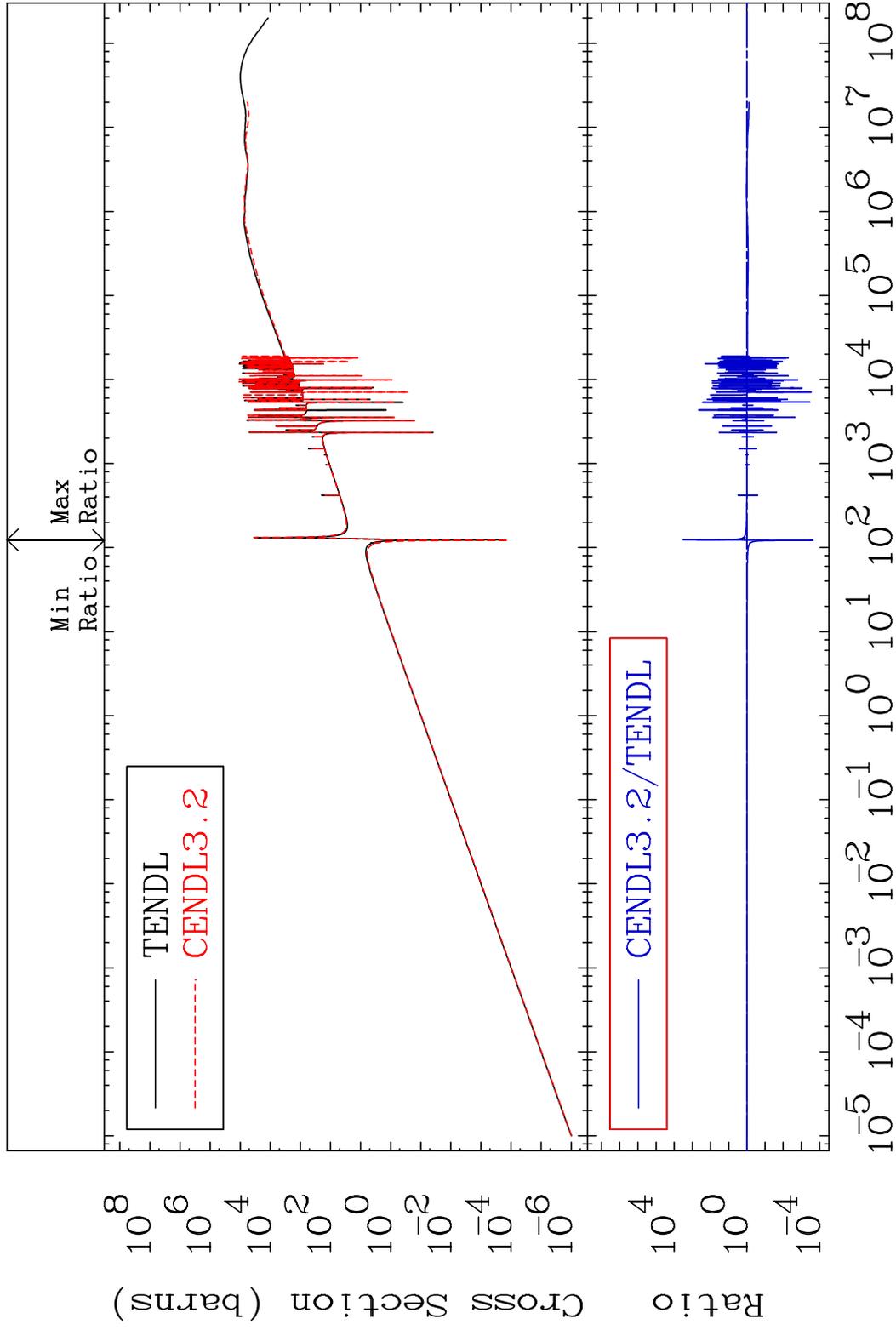


MAT 4237

Kerma elastic
Cross Section

-99.98 To 9999. %

42-Mo-96

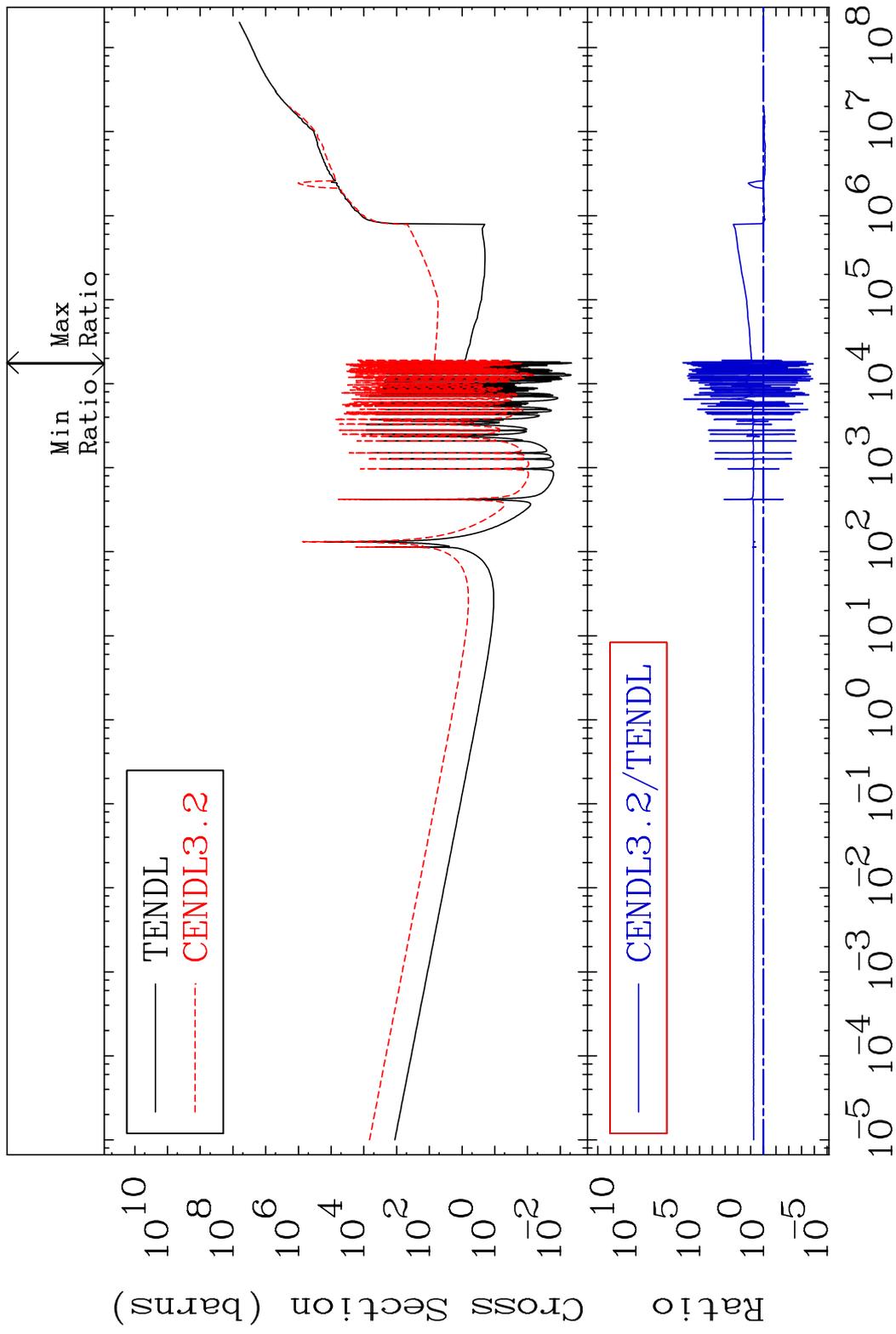


29

Incident Energy (eV)

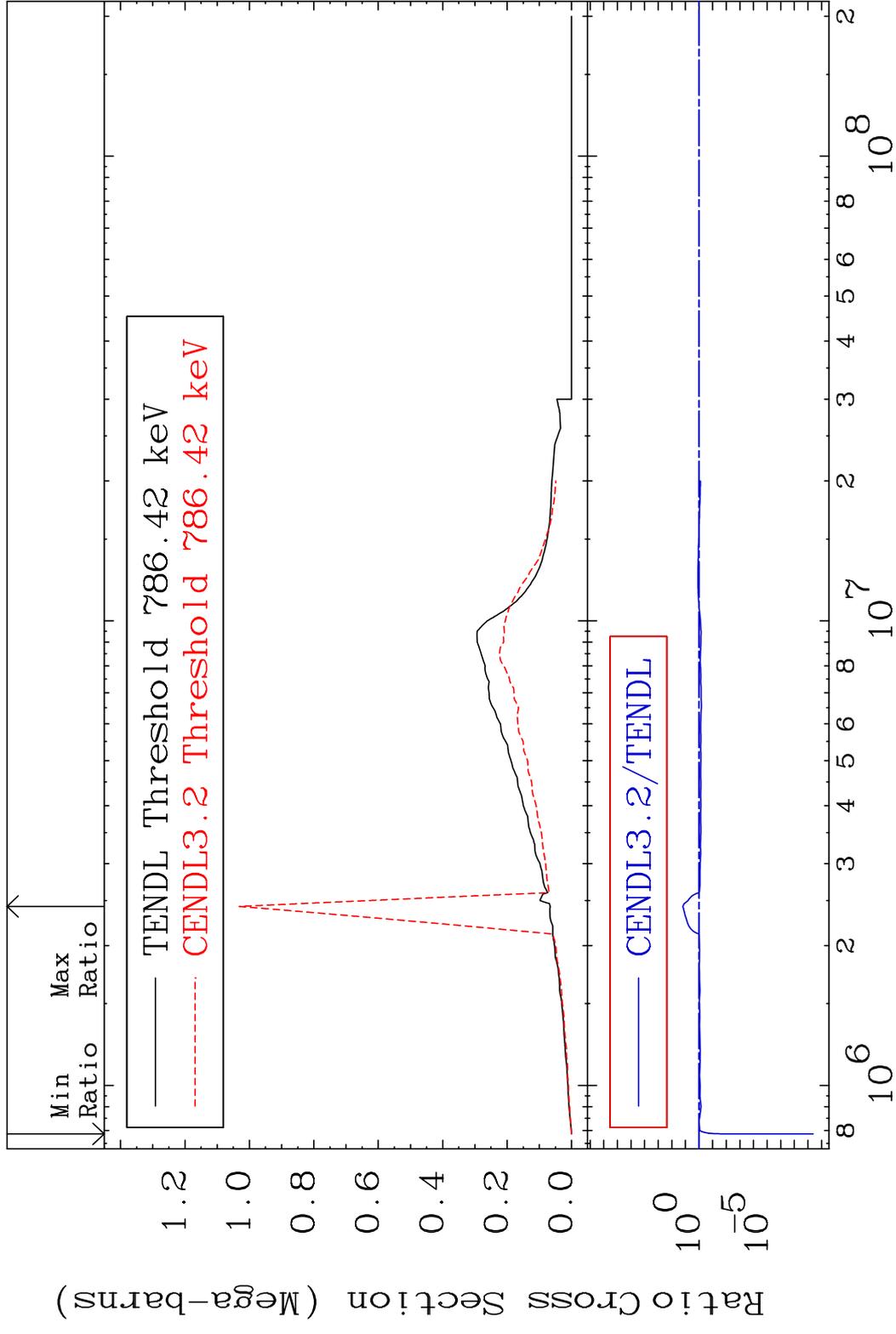
42-Mo-96

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

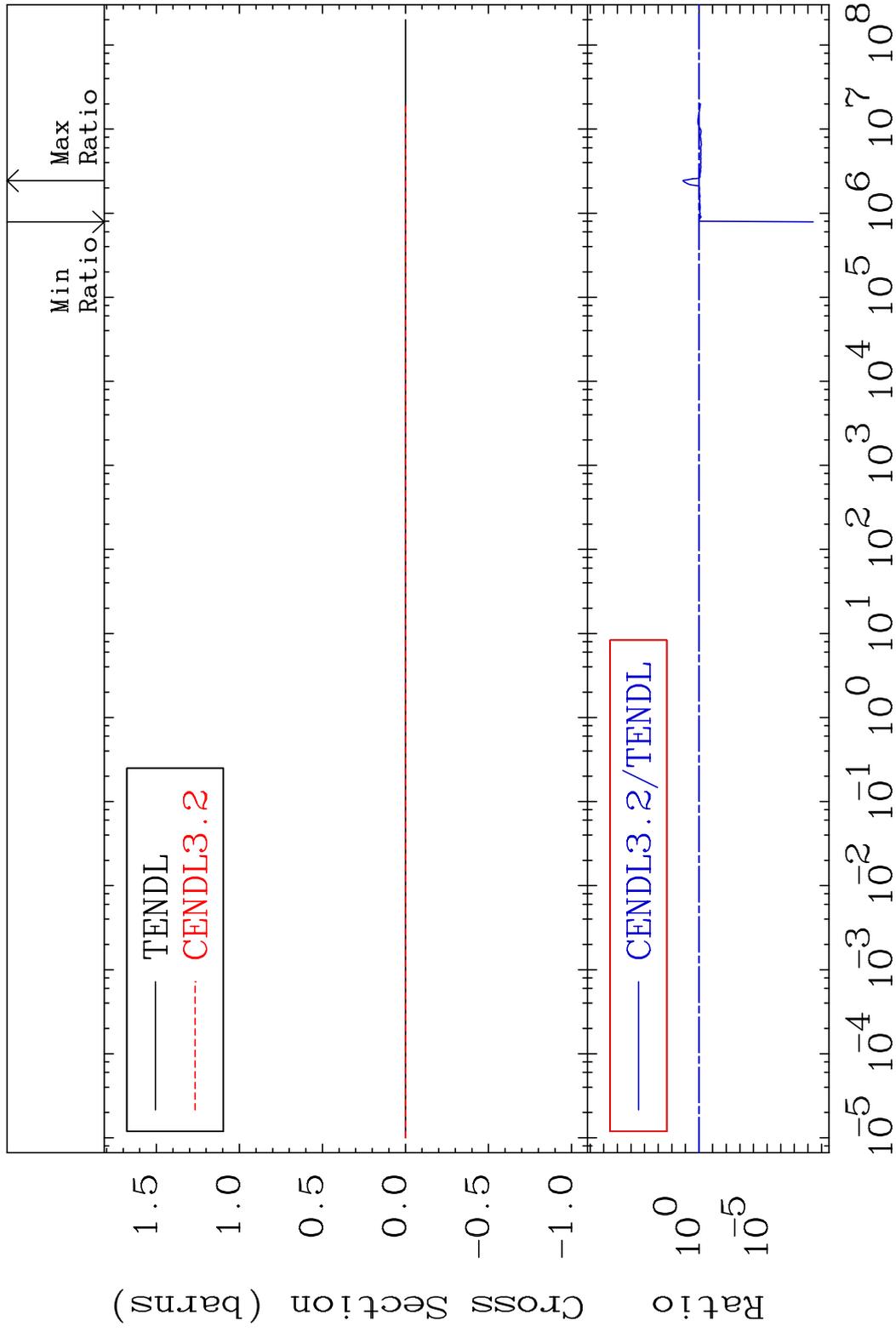


30 Incident Energy (eV) 42-Mo-96

MAT 4237 Kerma inelastic (mt51-91) 42-Mo-96
 Cross Section -100.0 To 1449. %

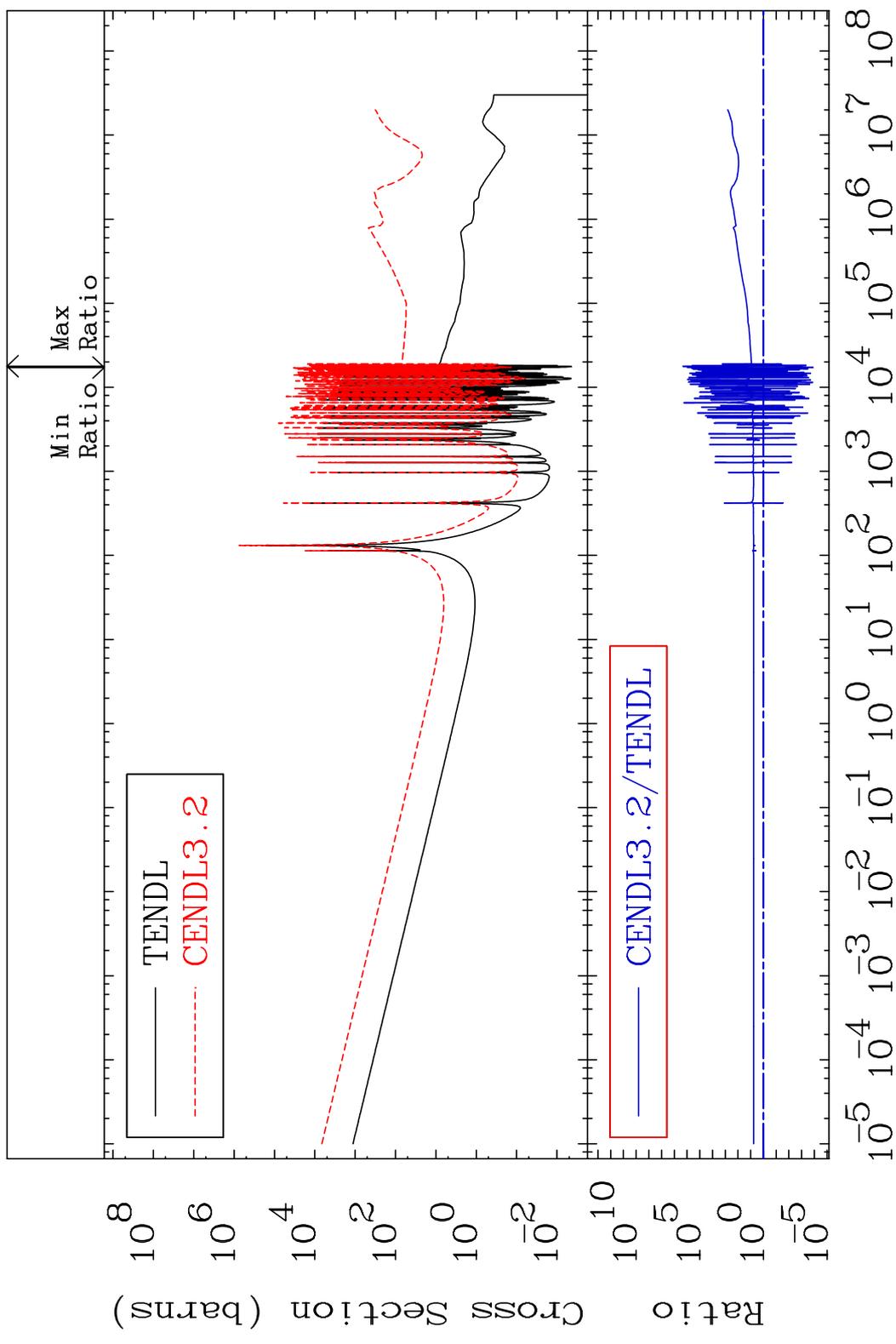


MAT 4237 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-96
 Cross Section -100.0 To 1449. %



MAT 4237

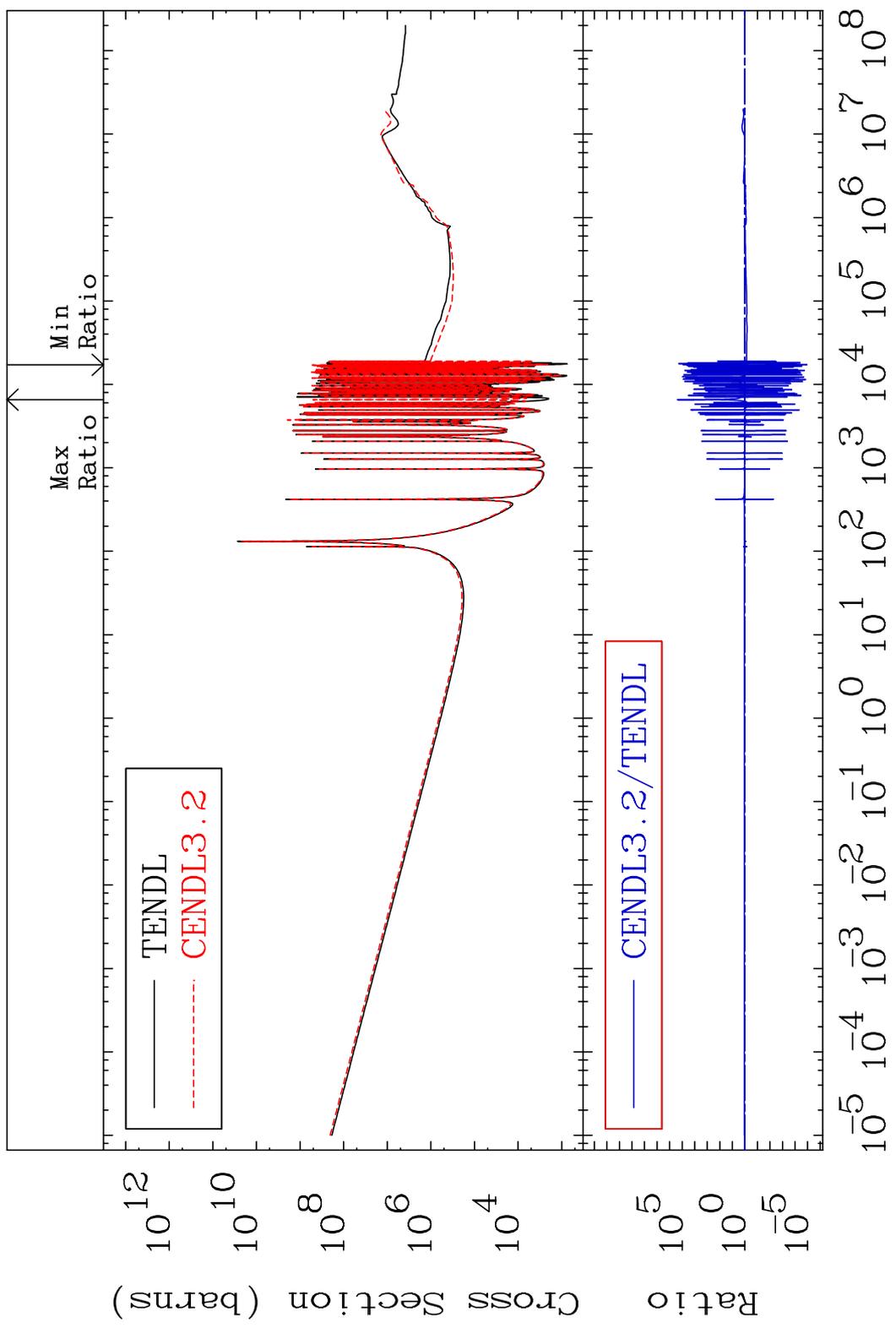
Kerma capture (mt102) 42-Mo-96
Cross Section -99.99 To 9999. %



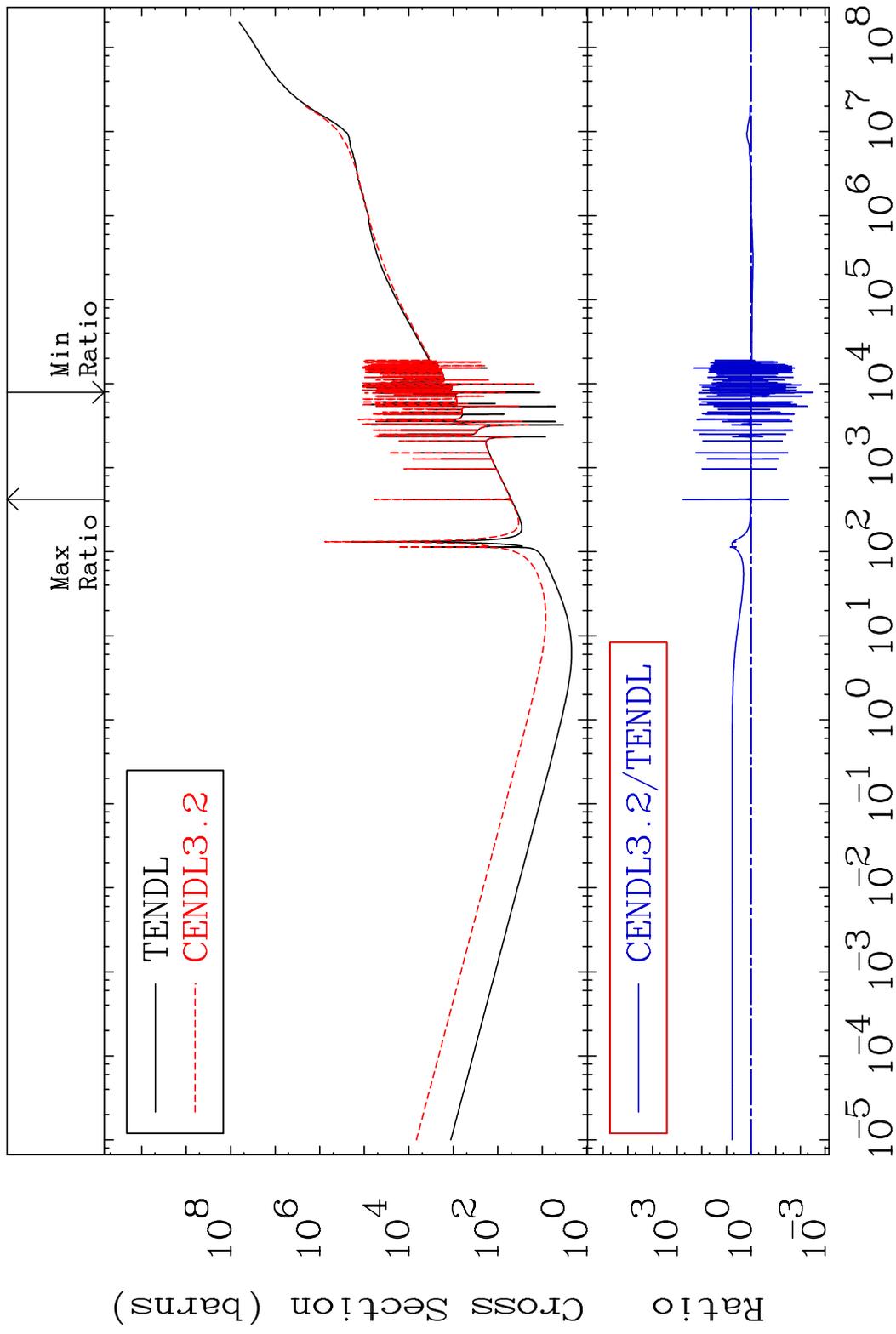
33

Incident Energy (eV)

42-Mo-96



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

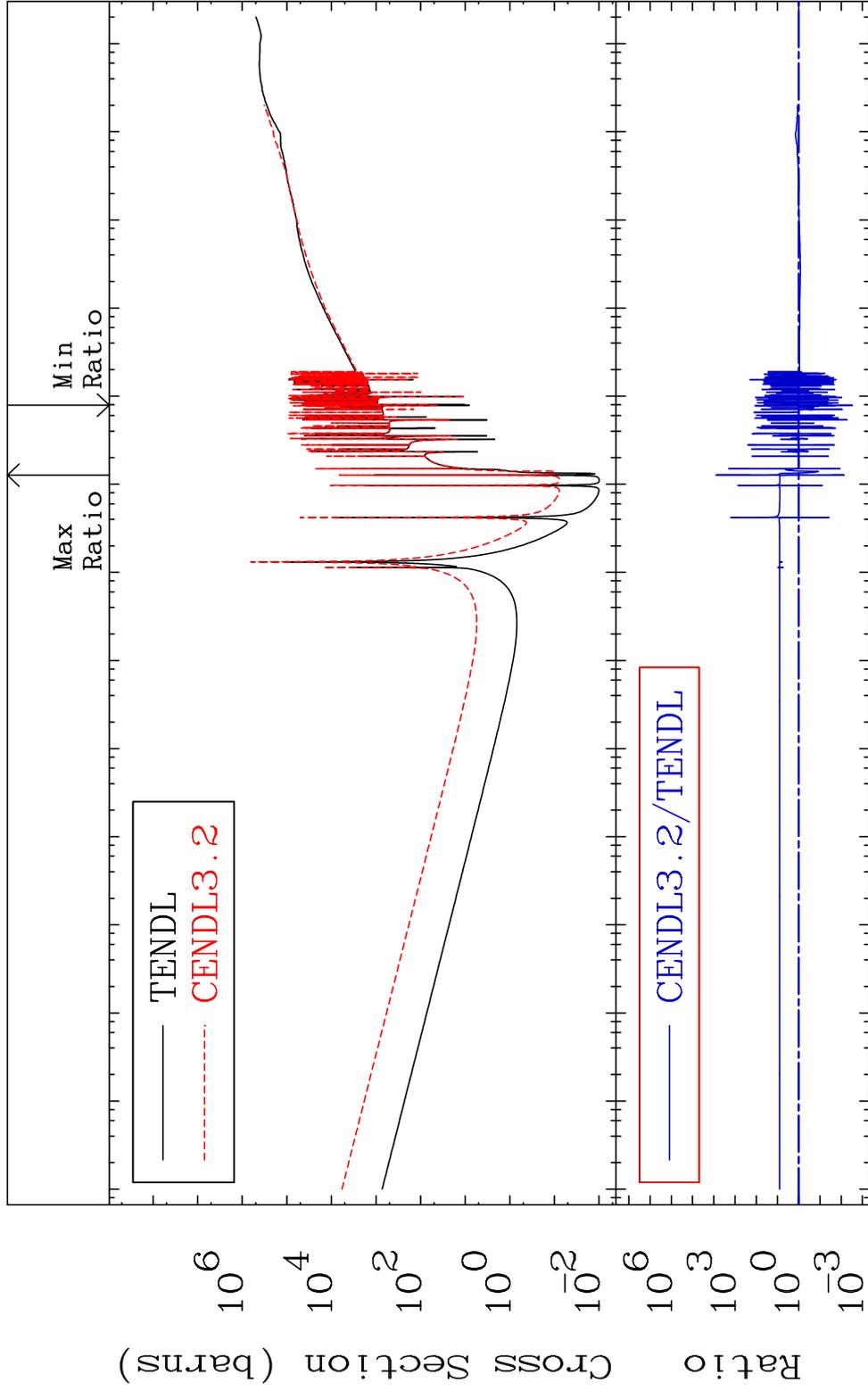


MAT 4237

Dpa total (eV-barns)

42-Mo-96

Cross Section -99.71 To 9999. %



36

Incident Energy (eV)

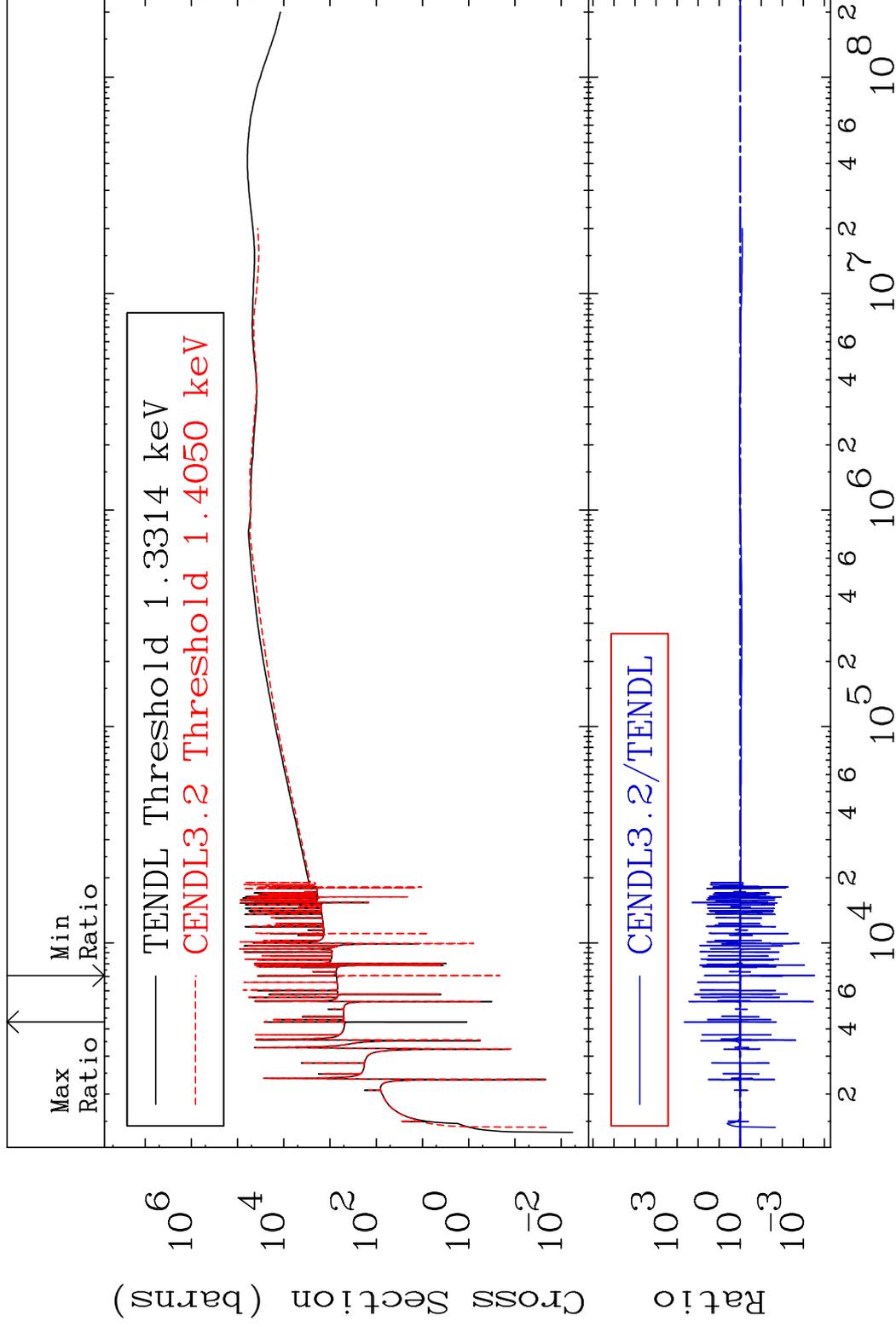
42-Mo-96

MAT 4237

Dpa elastic (mt2)

42-Mo-96

Cross Section -99.97 To 9999. %

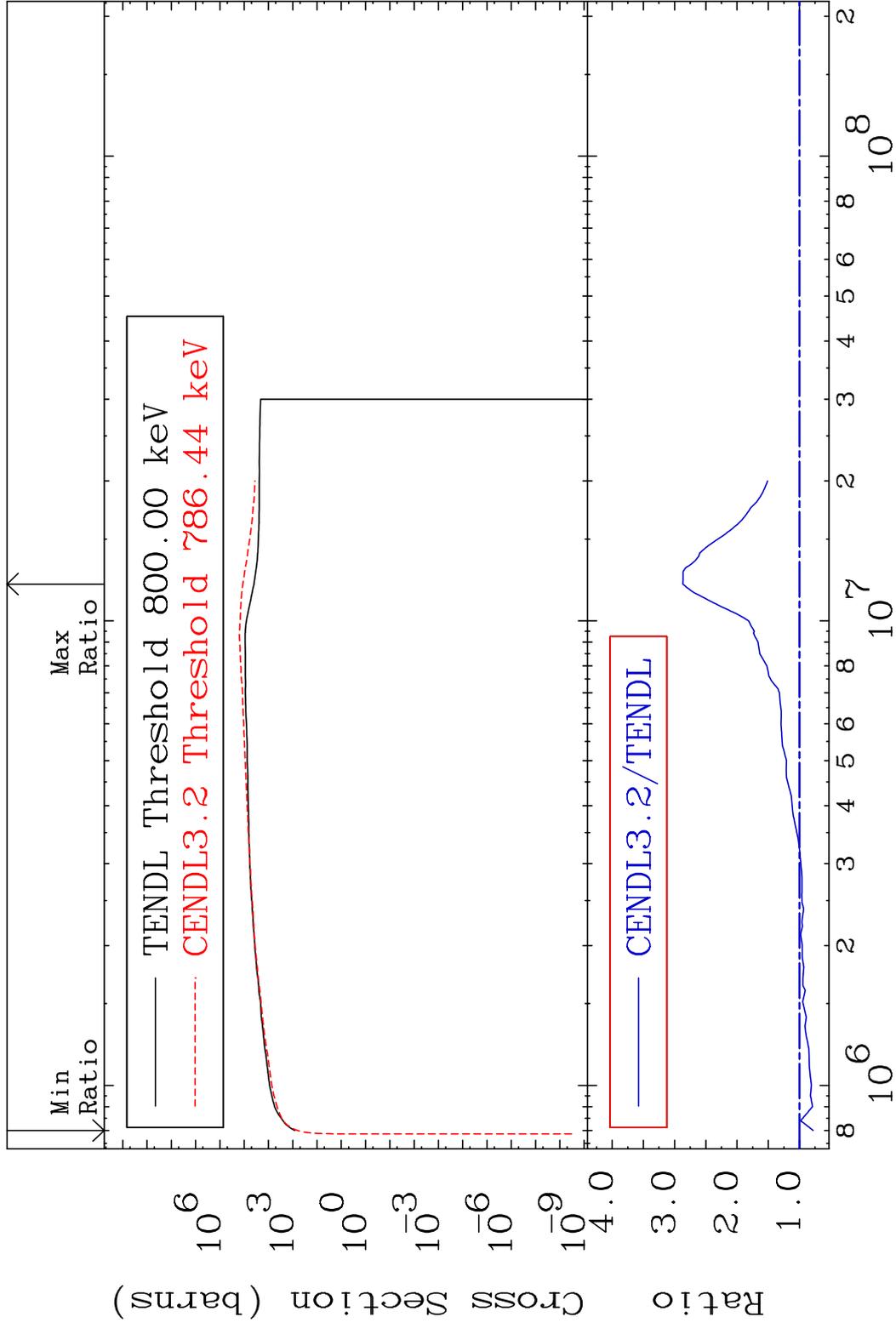


37

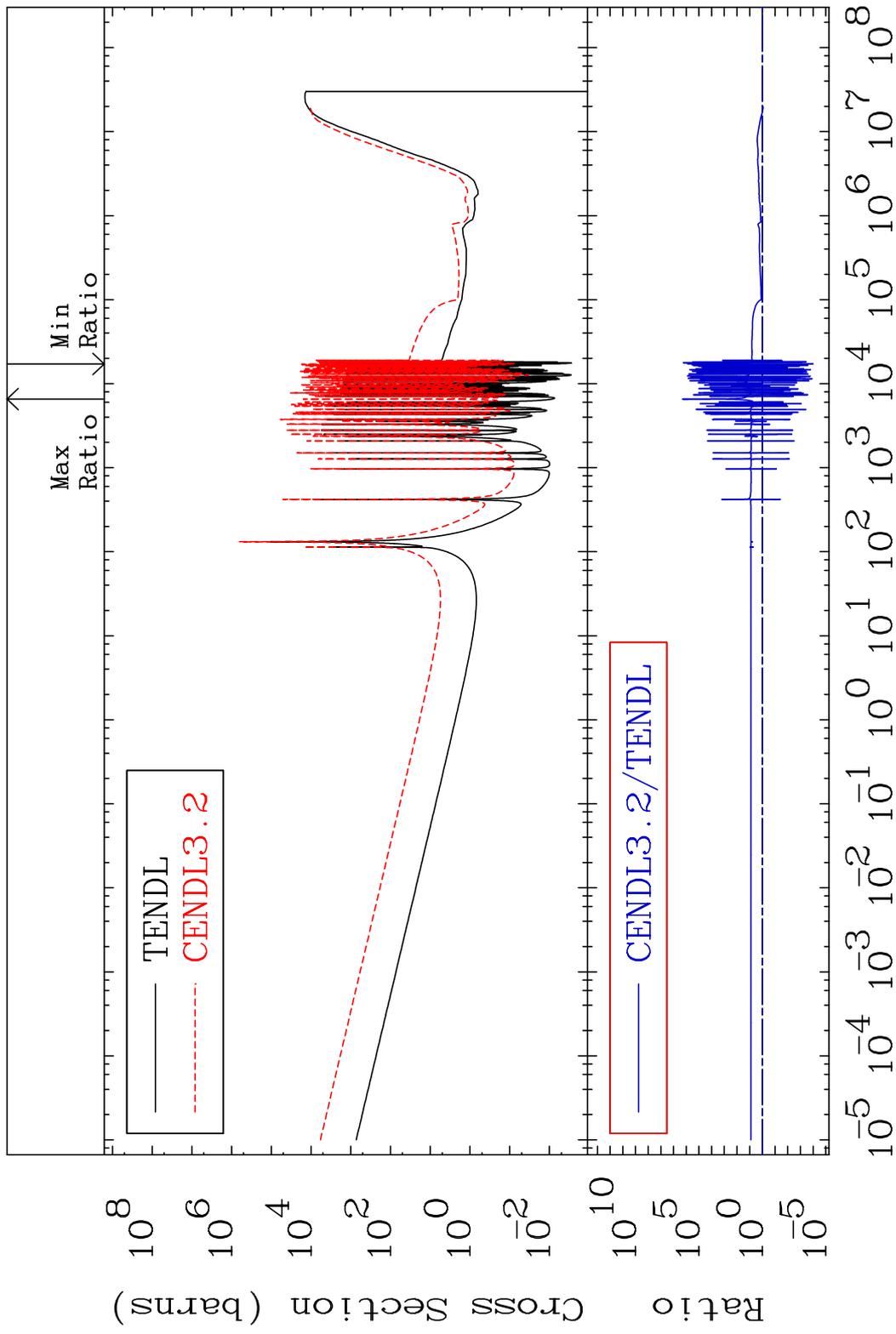
Incident Energy (eV)

42-Mo-96

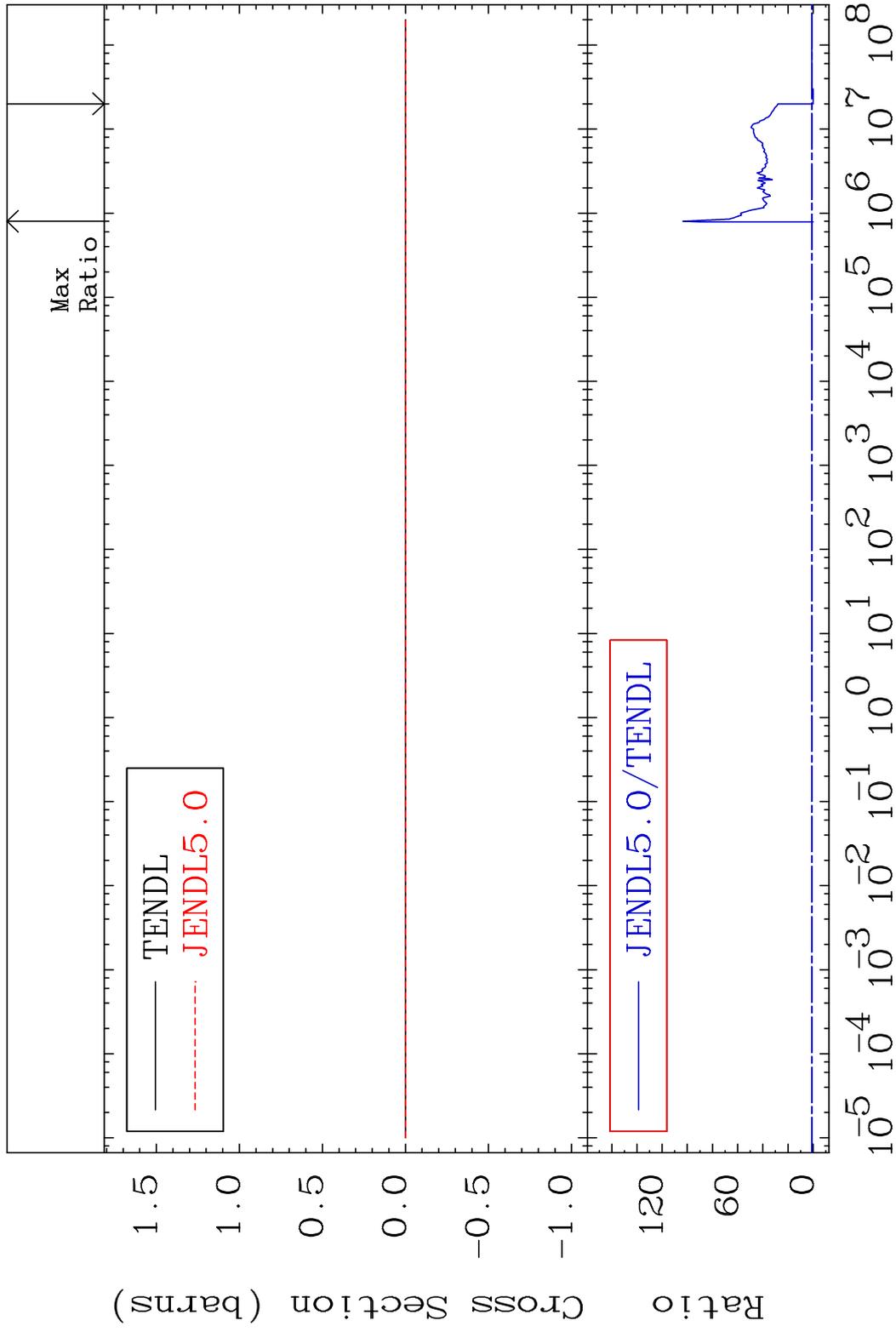
MAT 4237 Dpa inelastic (mt51-91) 42-Mo-96
 Cross Section -21.89 To 186.8 %



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



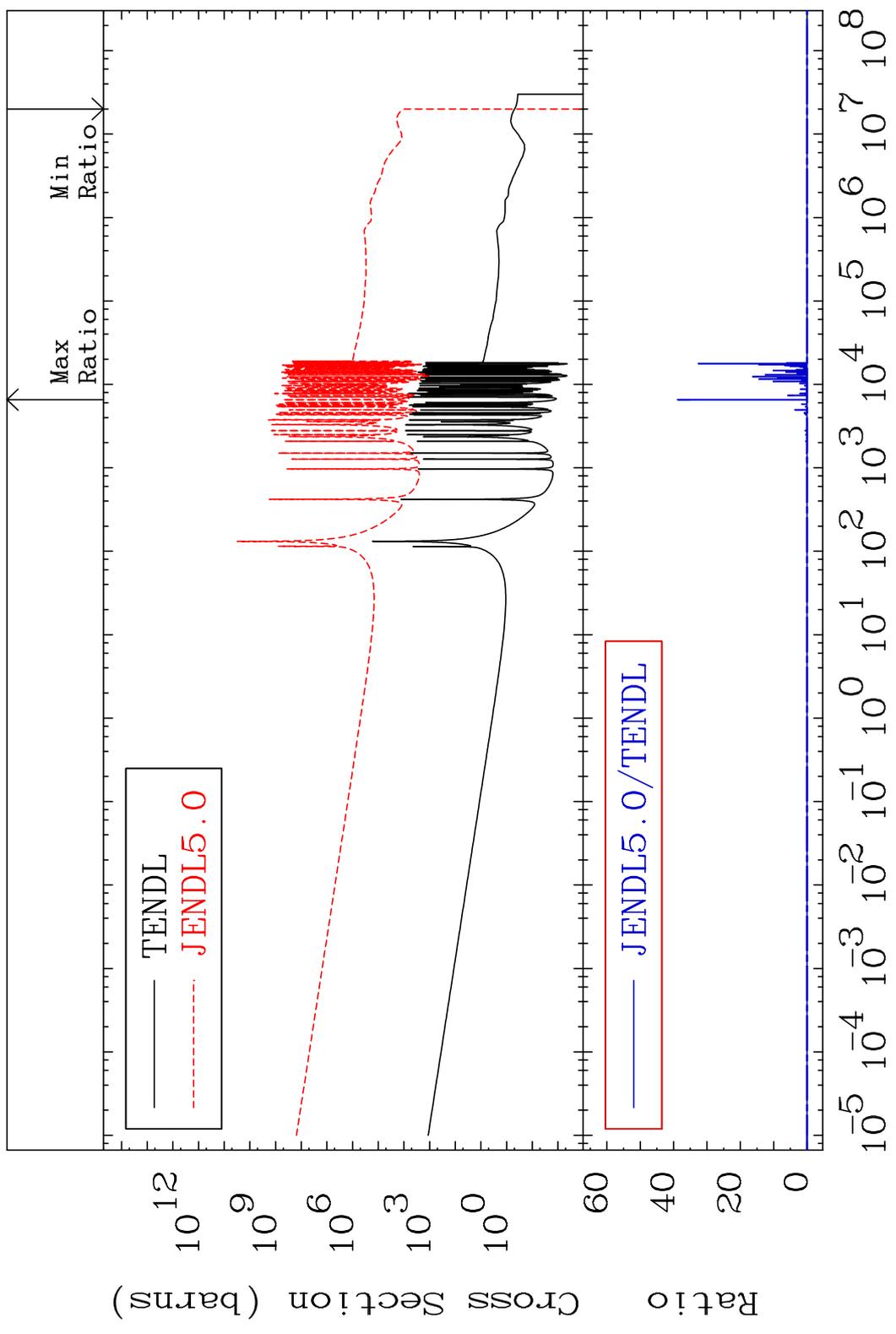
MAT 4237 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-96
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 42-Mo-96

MAT 4237

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

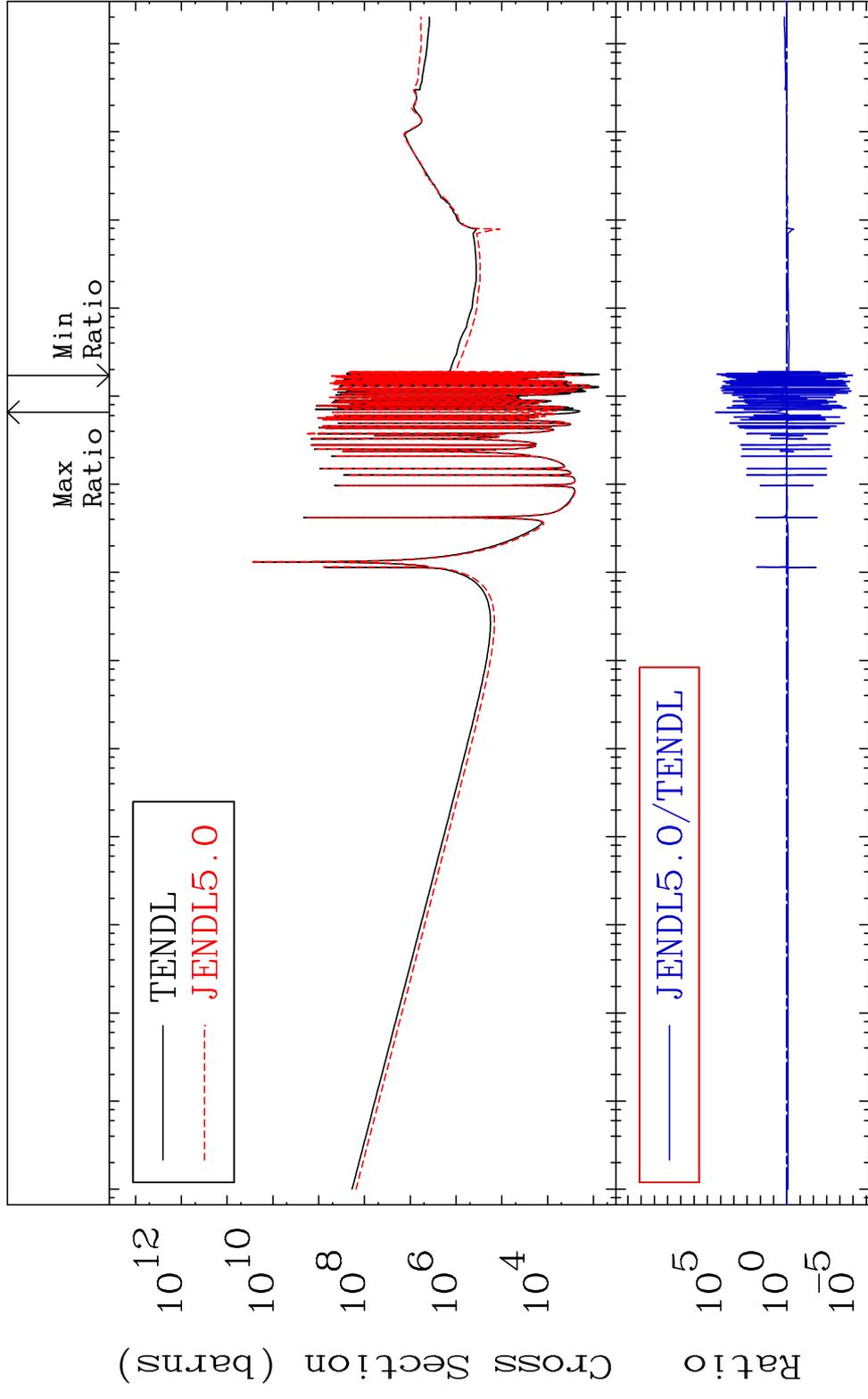


41

Incident Energy (eV)

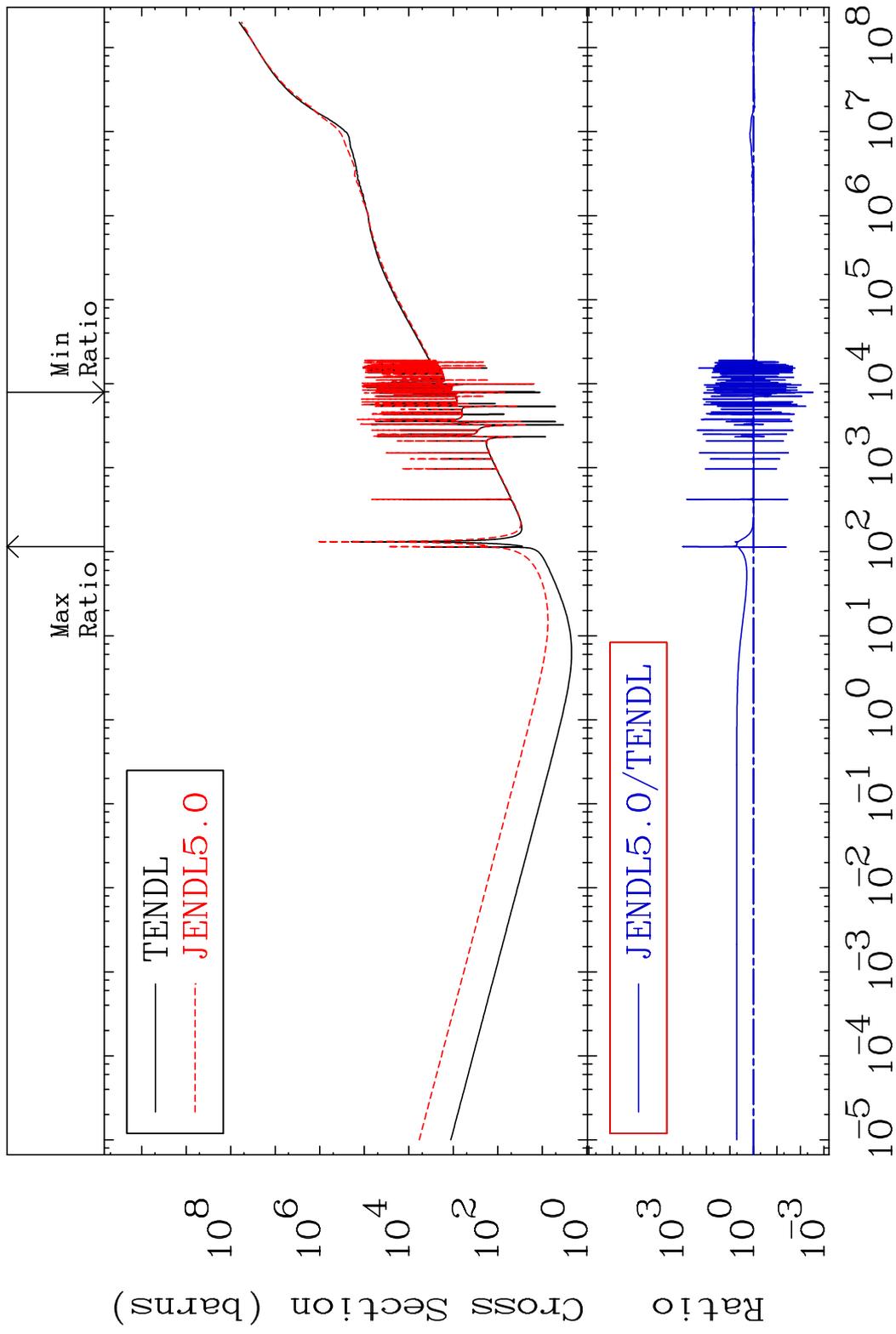
42-Mo-96

MAT 4237 Total photon (eV-barns) 42-Mo-96
 Cross Section -100.0 To 9999. %



42 Incident Energy (eV) 42-Mo-96

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

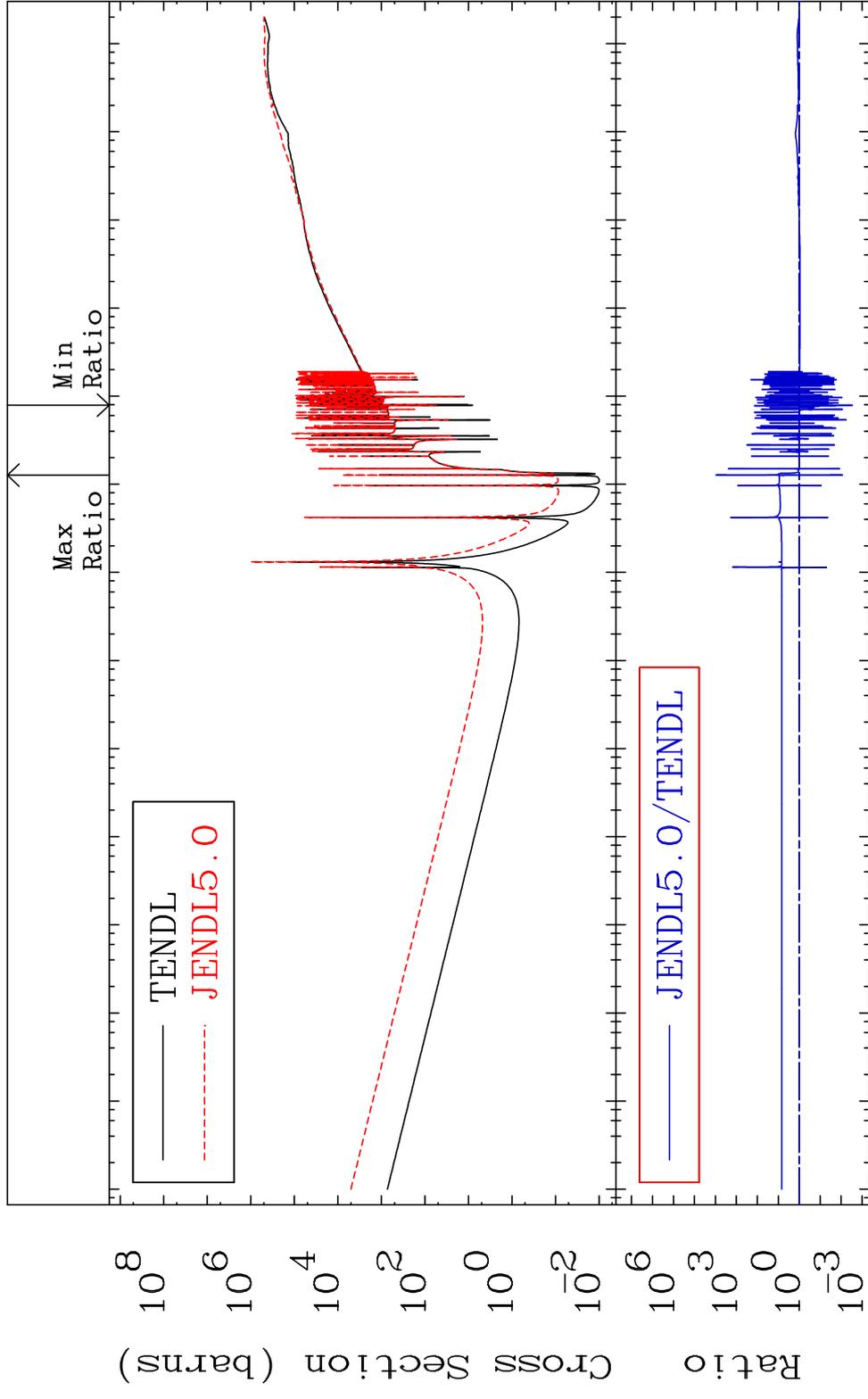


MAT 4237

Dpa total (eV-barns)

42-Mo-96

Cross Section -99.71 To 9999. %



44

Incident Energy (eV)

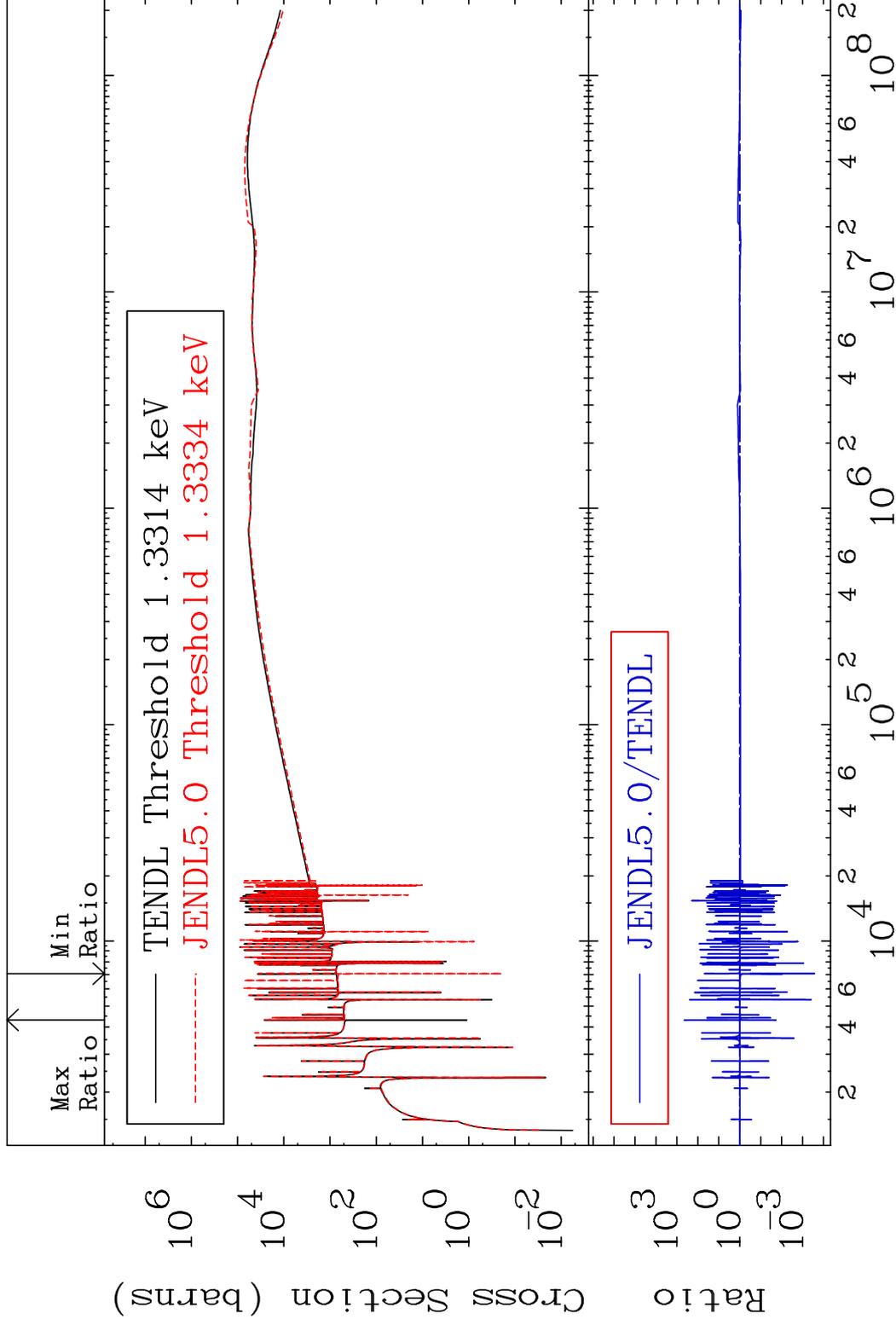
42-Mo-96

MAT 4237

Dpa elastic (mt2)

42-Mo-96

Cross Section -99.97 To 9999. %



45

Incident Energy (eV)

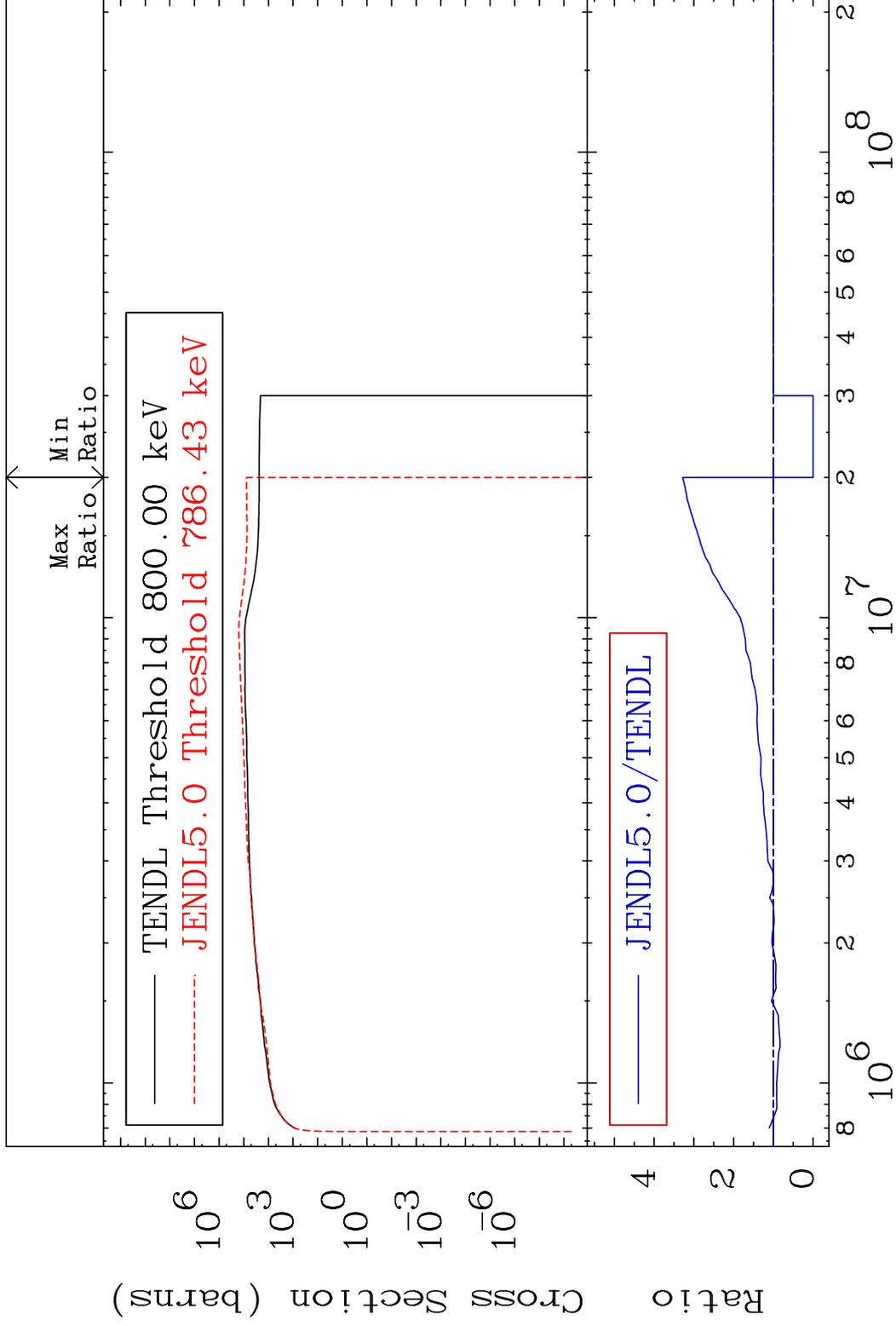
42-Mo-96

MAT 4237

Dpa inelastic (mt51-91)

42-Mo-96

Cross Section -100.0 To 228.4 %

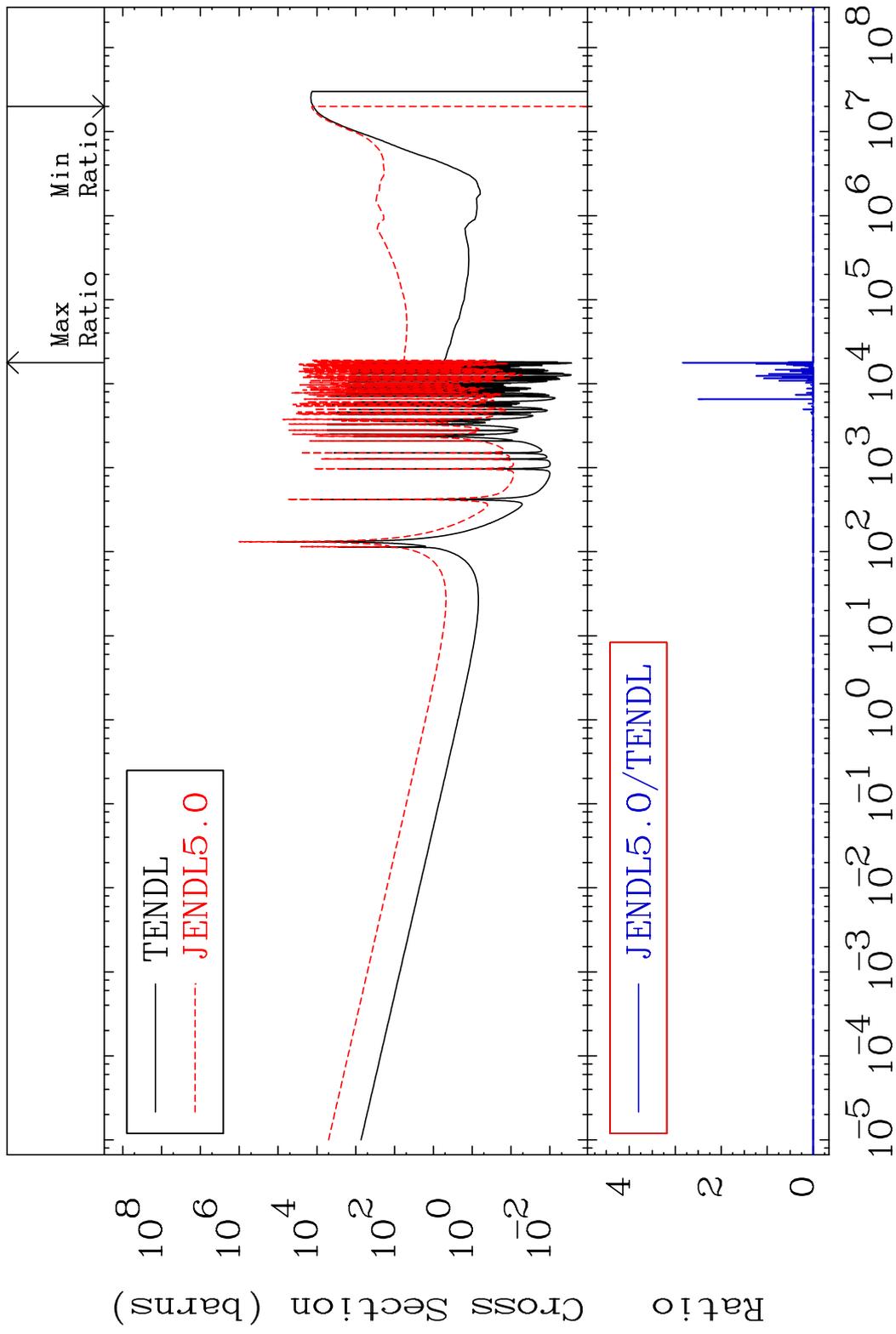


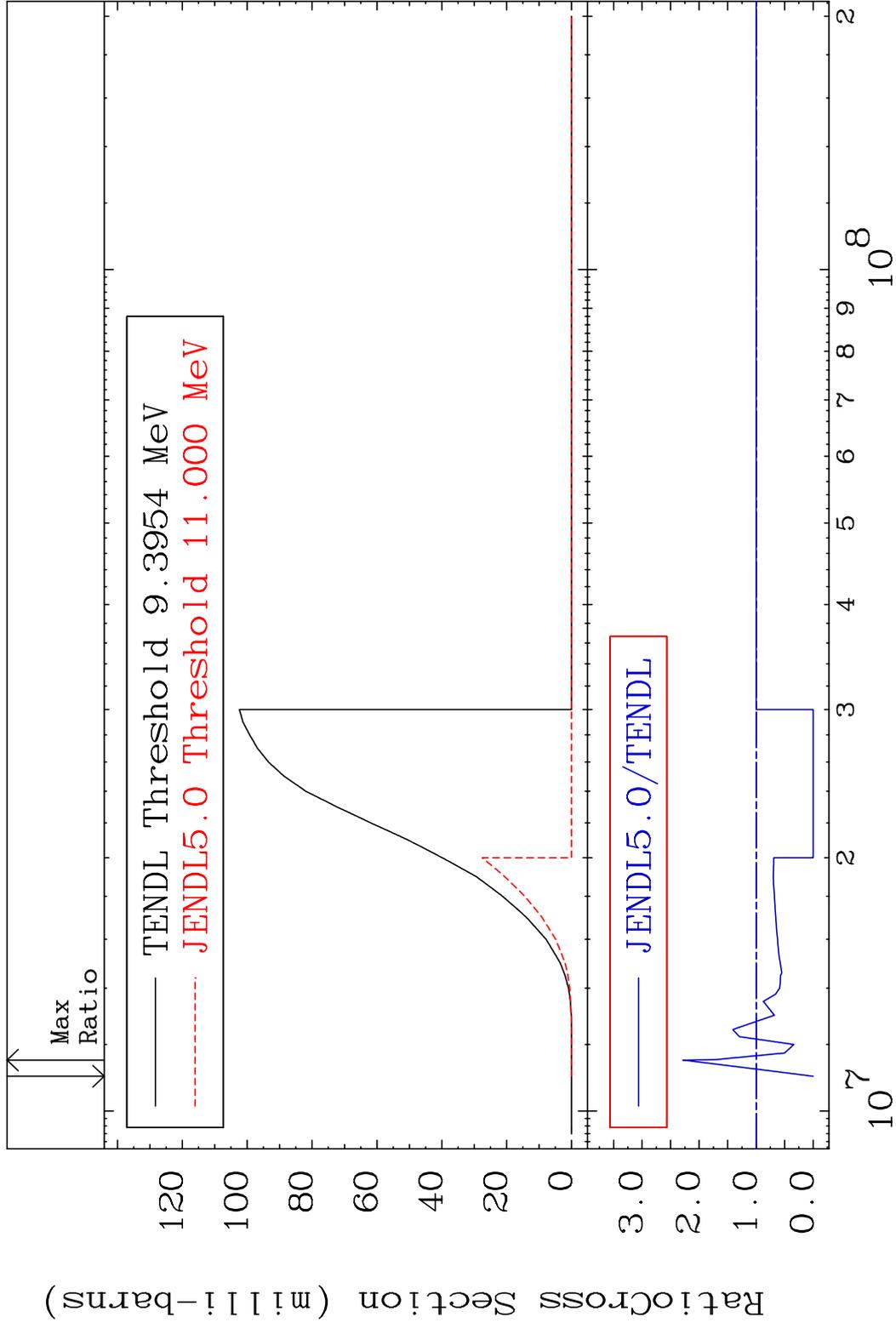
46

Incident Energy (eV)

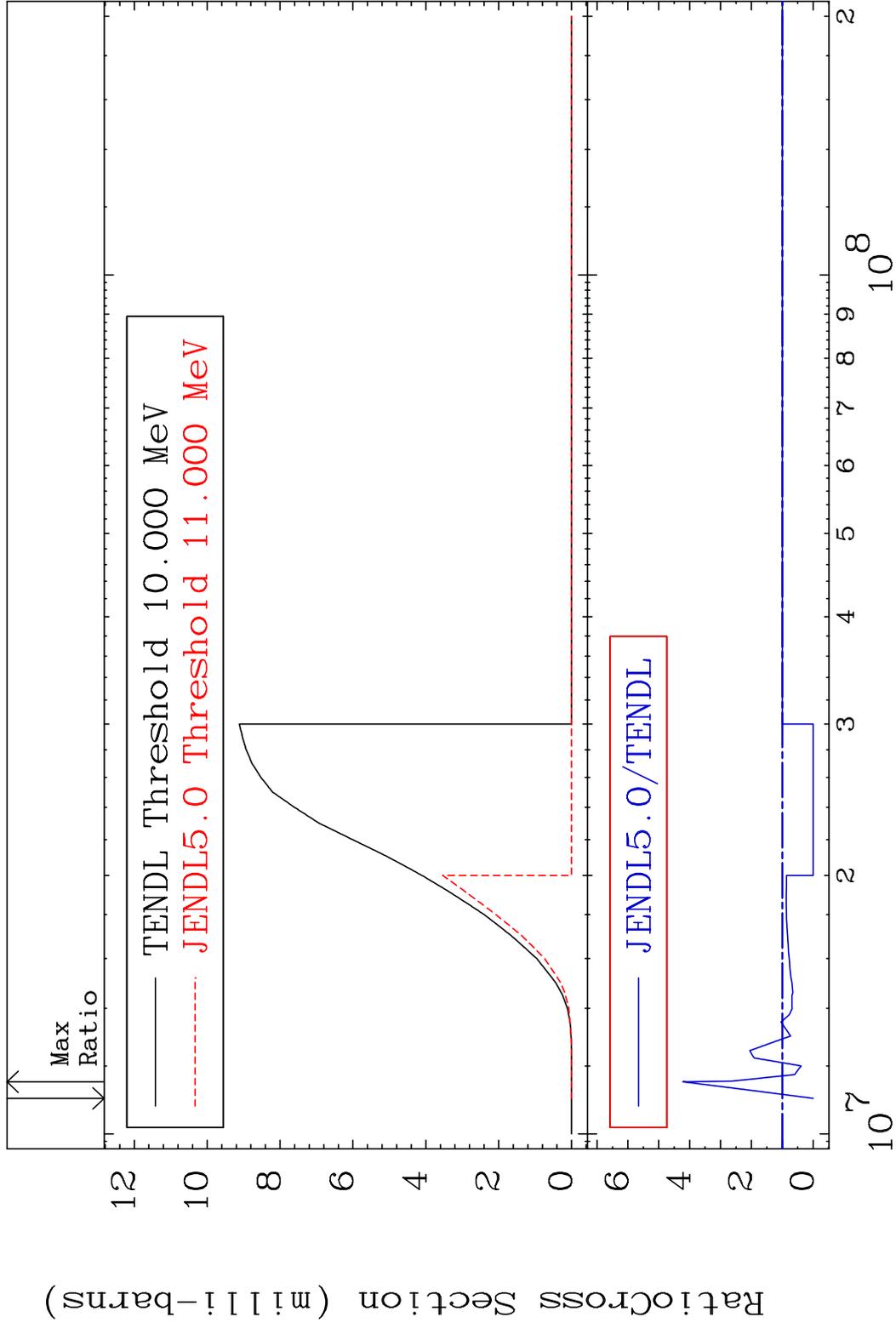
42-Mo-96

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

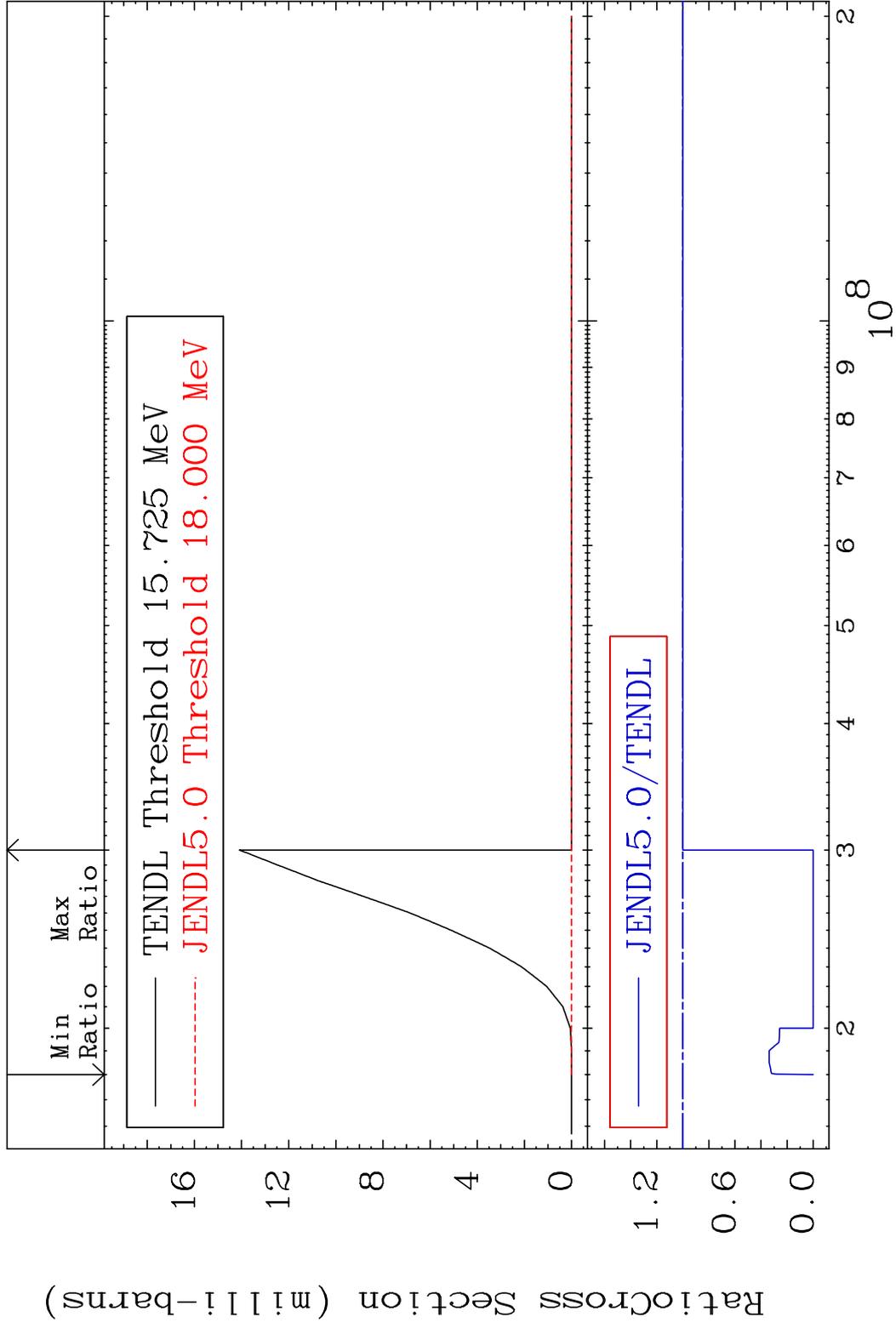


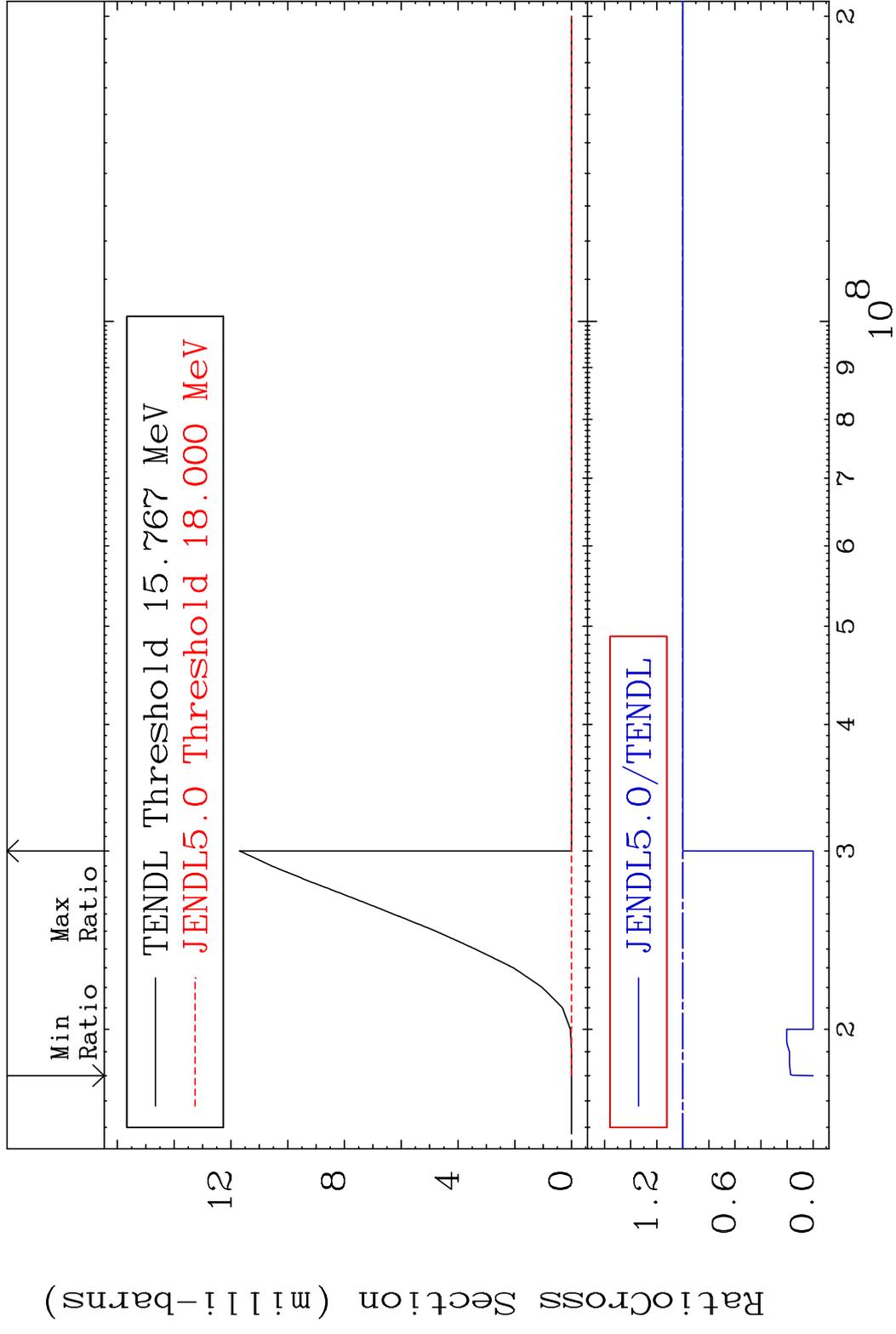


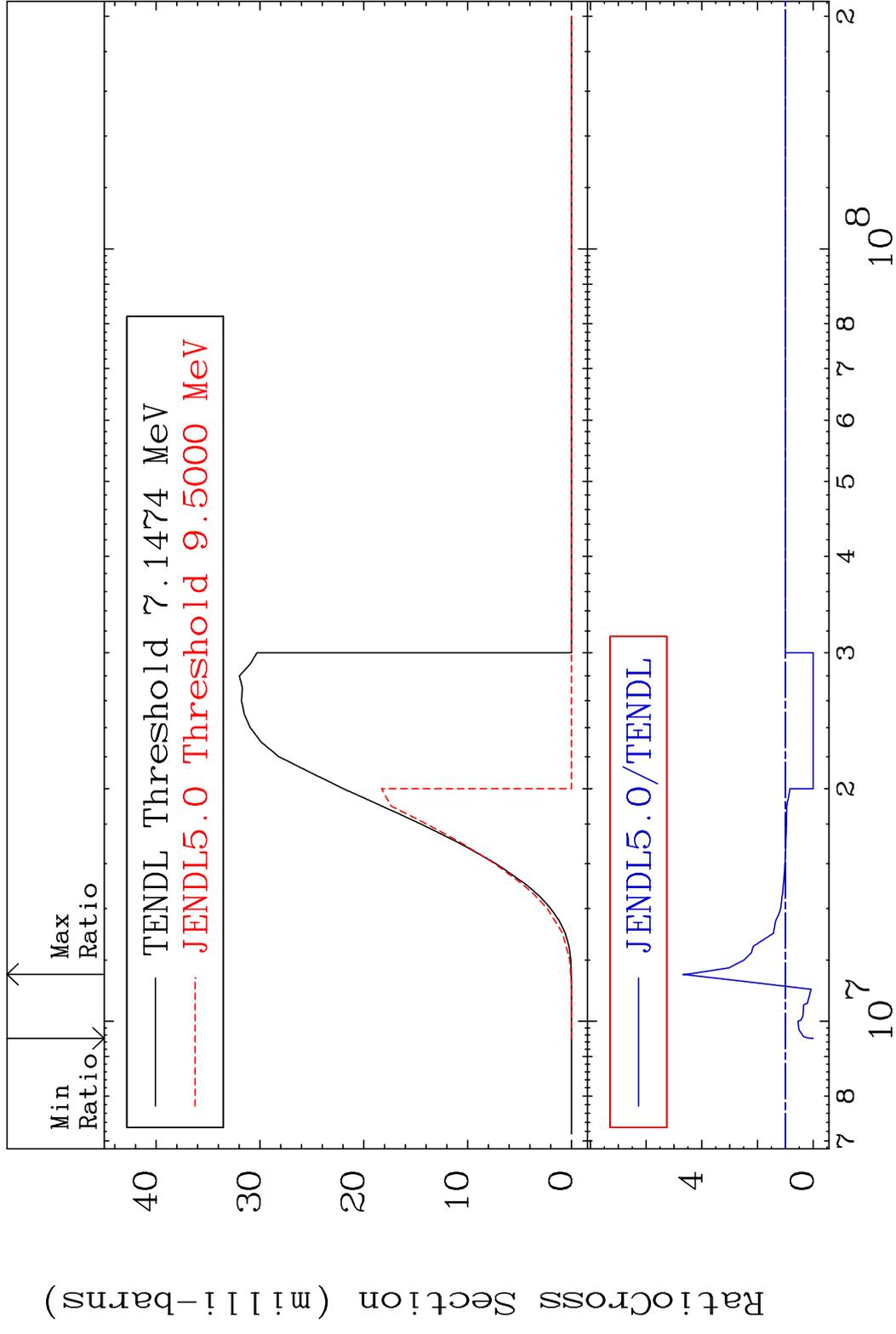
MAT 4237 (n, n') p:41-Nb-95m1 42-Mo-96
 Radionuclide Production Cross Section 180.0 dth 322.1 %



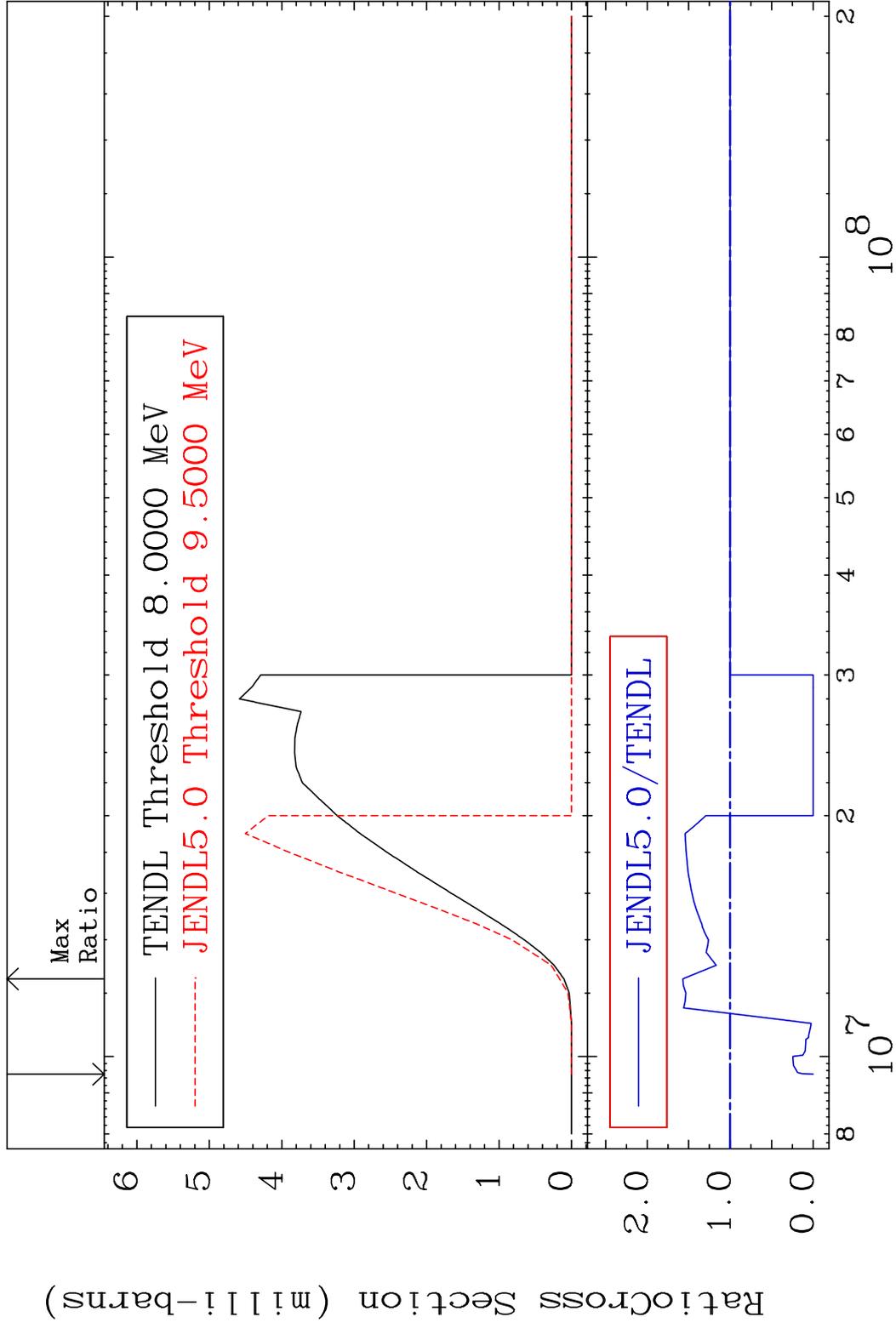
MAT 4237 (n, n') d:41-Nb-94g 42-Mo-96
 Radionuclide Production Cross Section 0.000 %

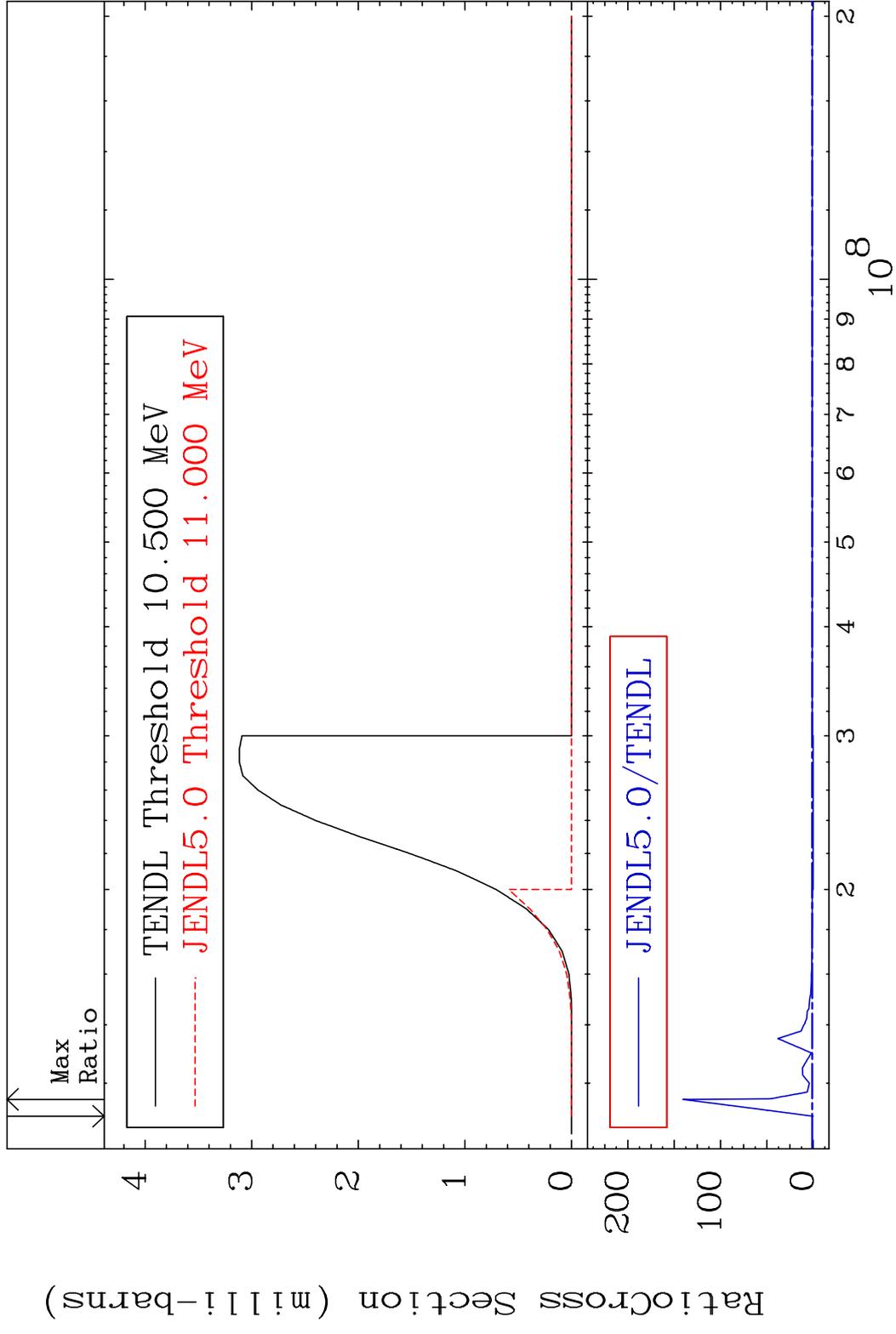






MAT 4237 (n, d): 41-Nb-95m1 42-Mo-96
 Radionuclide Production Cross Section 57.03 %





MAT 4237 (n, t): 41-Nb-94m1 42-Mo-96
 Radionuclide Production Cross Section (%)

