

Program Complot
(Version 2021-1)

by

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U.S.A.

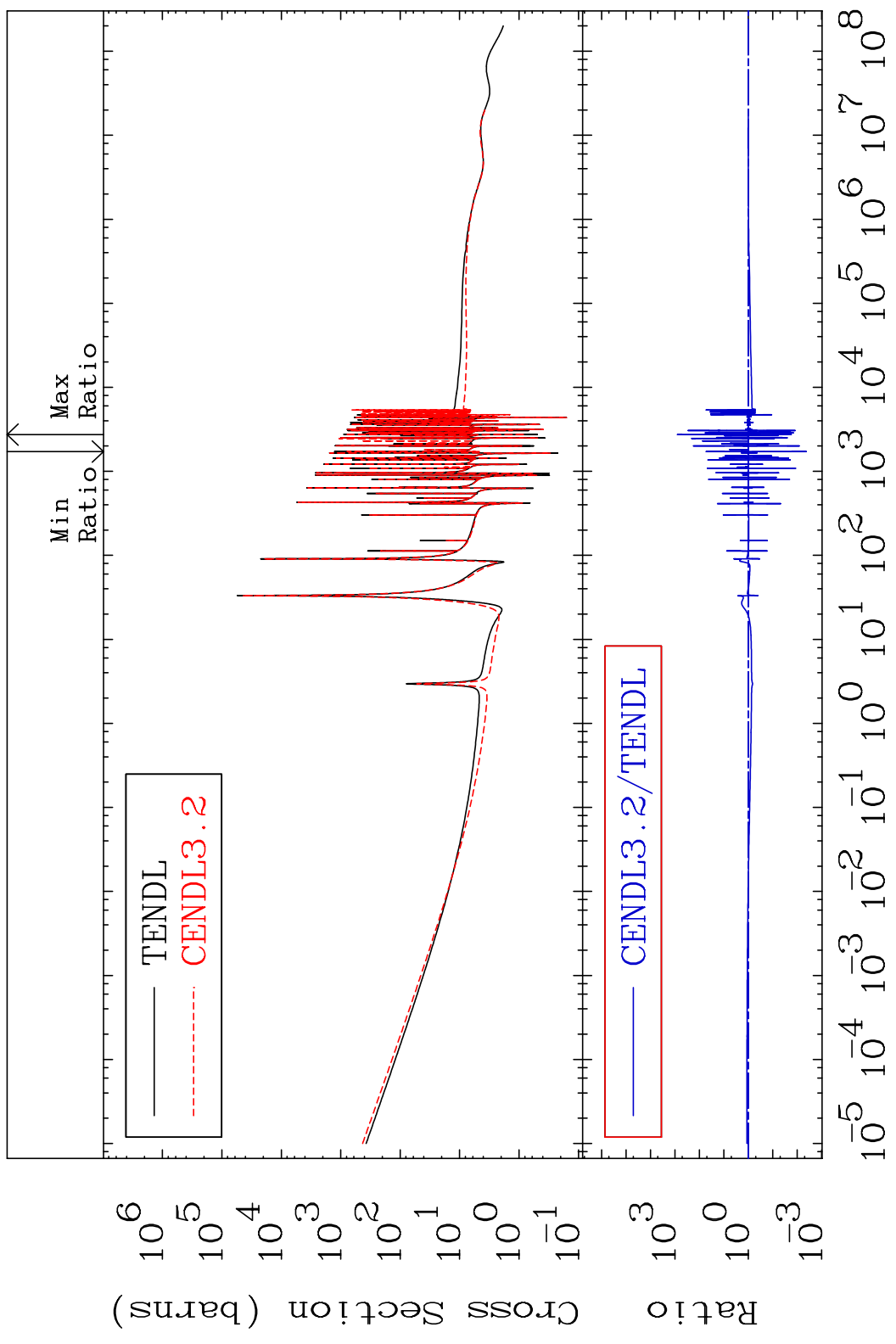
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4643

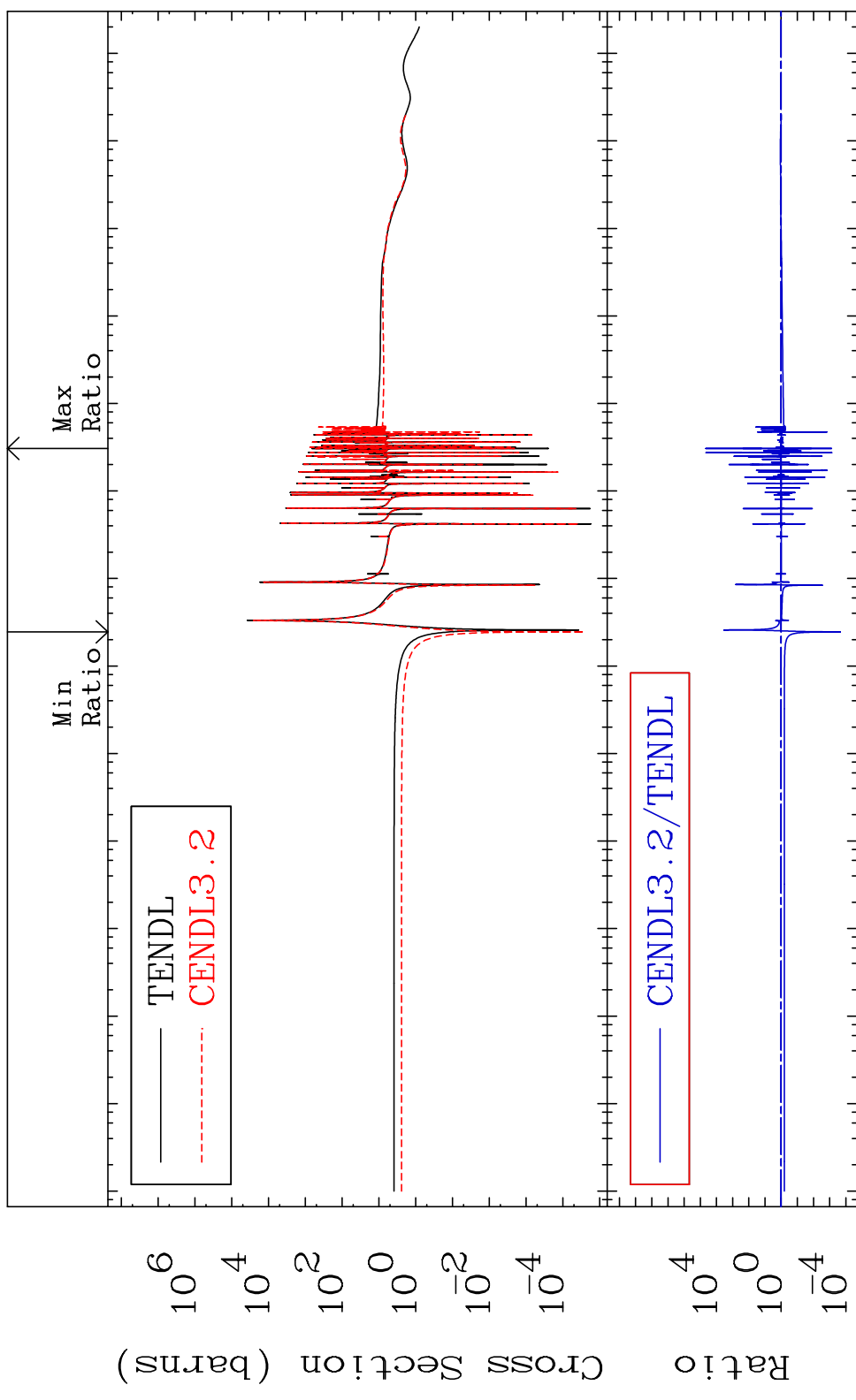
Total Cross Section -99.58 To 9999. %
46-Pd-108



1 Incident Energy (eV) 46-Pd-108

MAT 4643

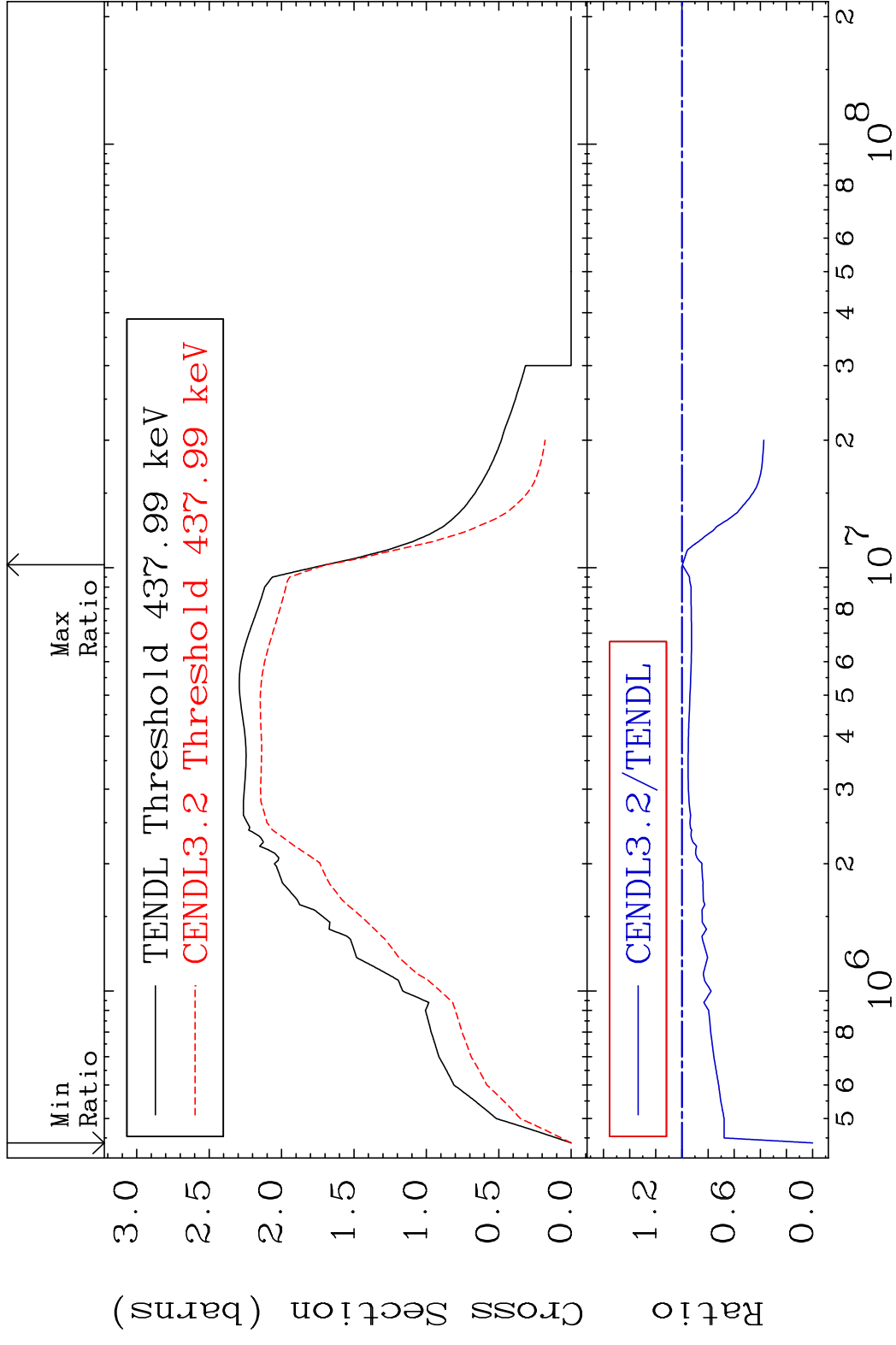
Elastic Cross Section -99.98 To 9999. %
46-Pd-108



2

Incident Energy (eV) 46-Pd-108

MAT 4643 Inelastic 46-Pd-108
 Cross Section -100.0 To -0.330%

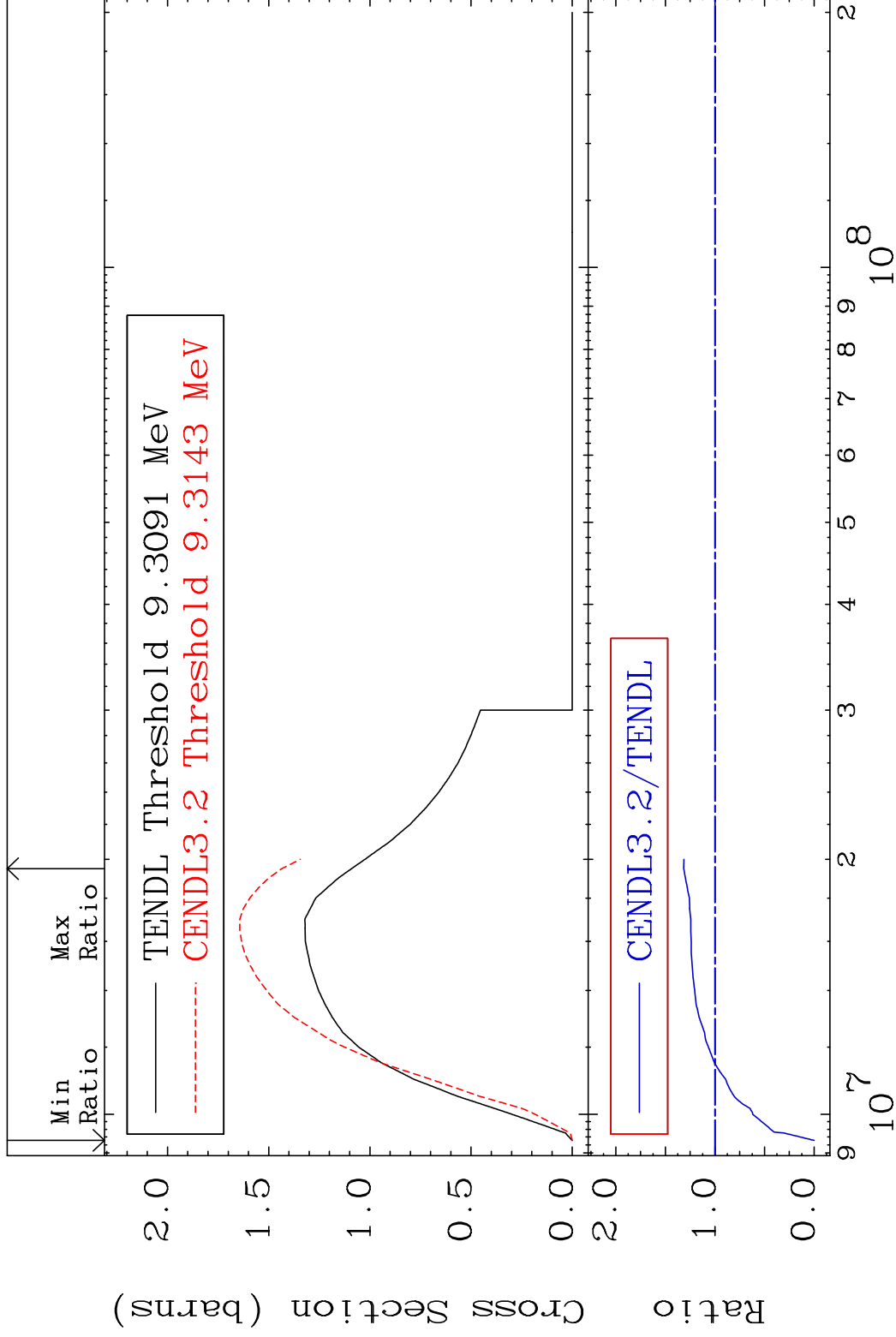


MAT 4643

(n,2n)

46-Pd-108

Cross Section -100.0 To 31.57 %

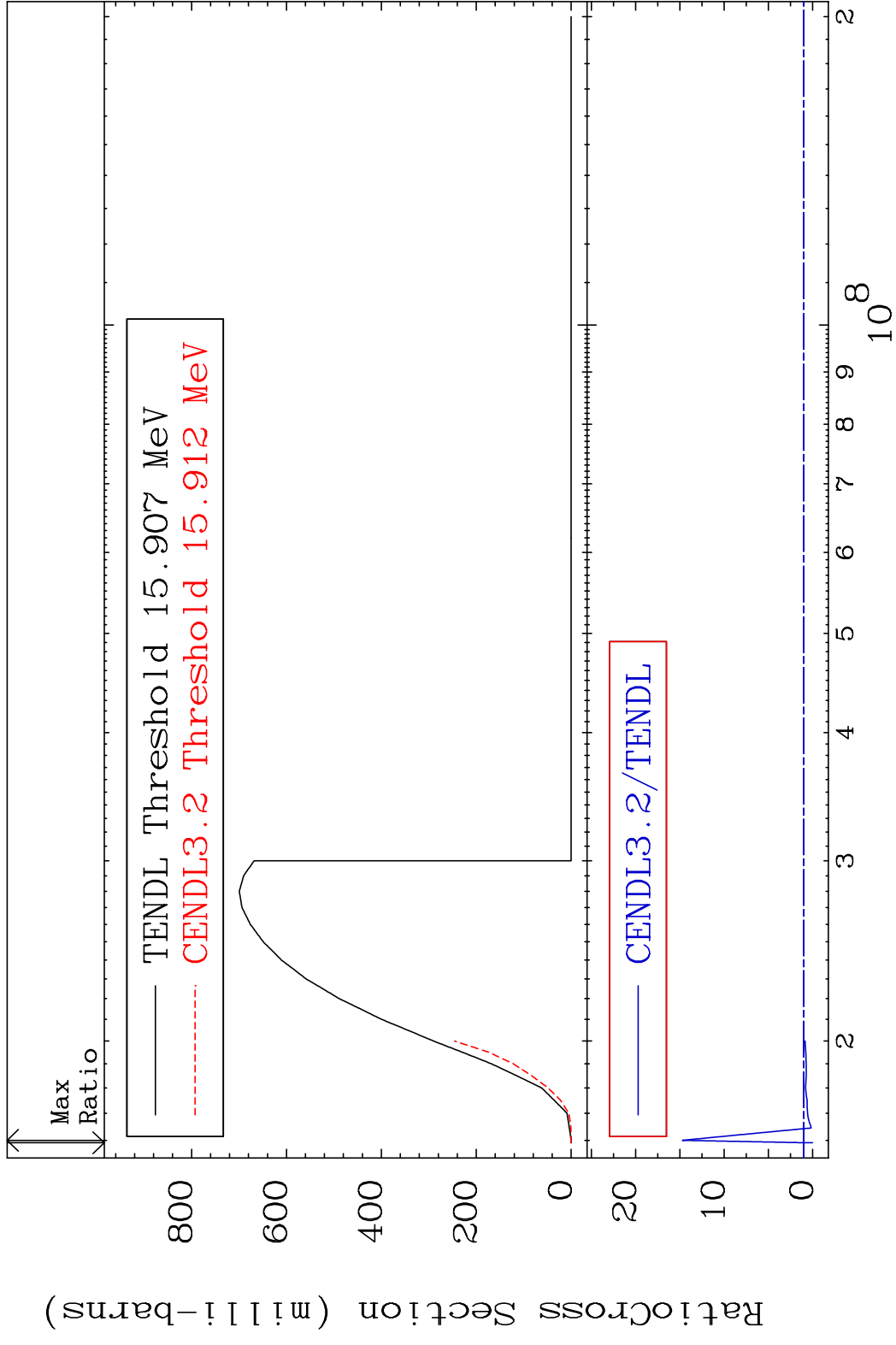


4

Incident Energy (eV)

46-Pd-108

MAT 4643 (n,3n) 46-Pd-108
 Cross Section -100.0 To 1371. %



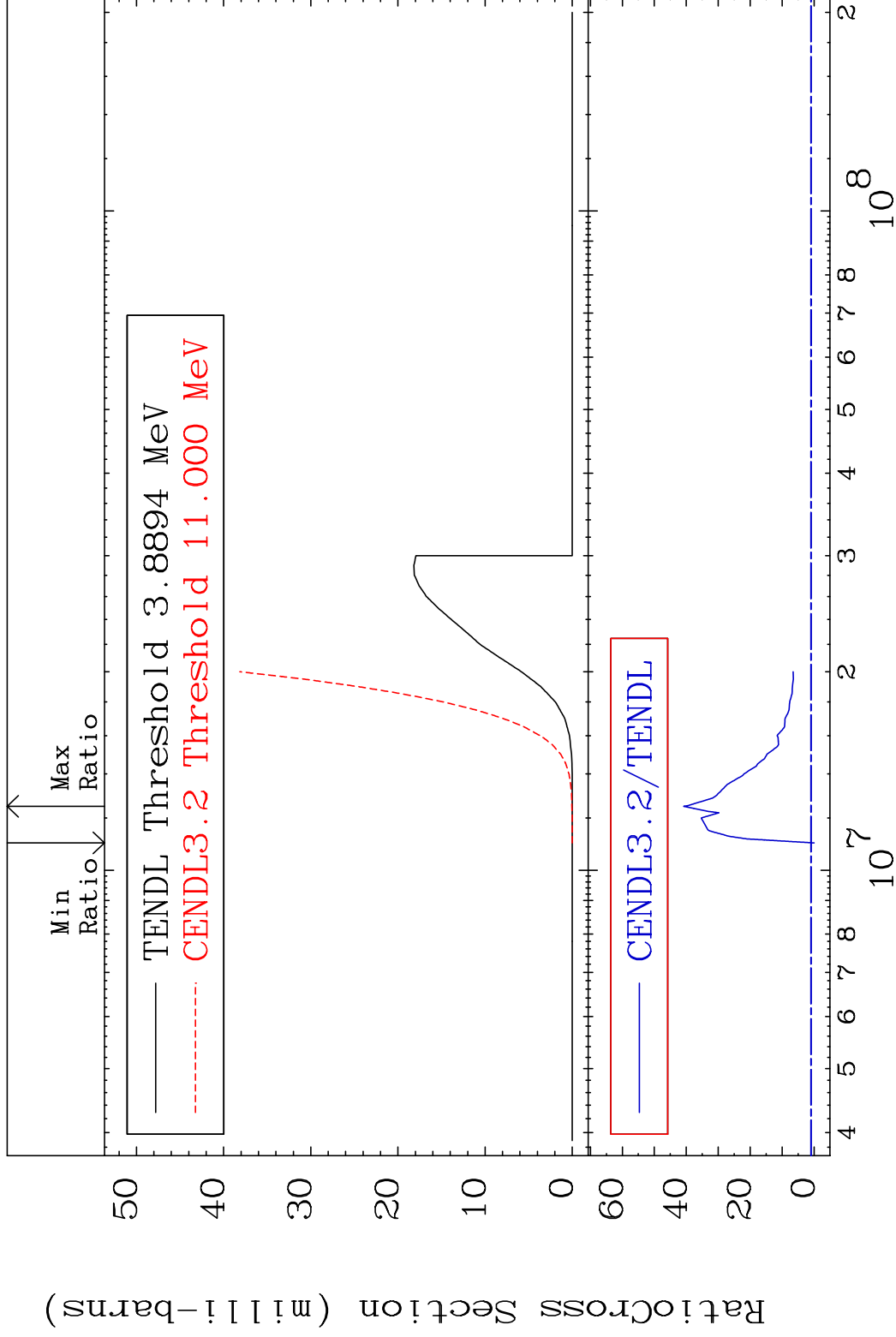
5 5 Incident Energy (eV) 46-Pd-108

MAT 4643

(n, n') α

46-Pd-108

Cross Section -100.0 To 3982. %



6

Incident Energy (eV)

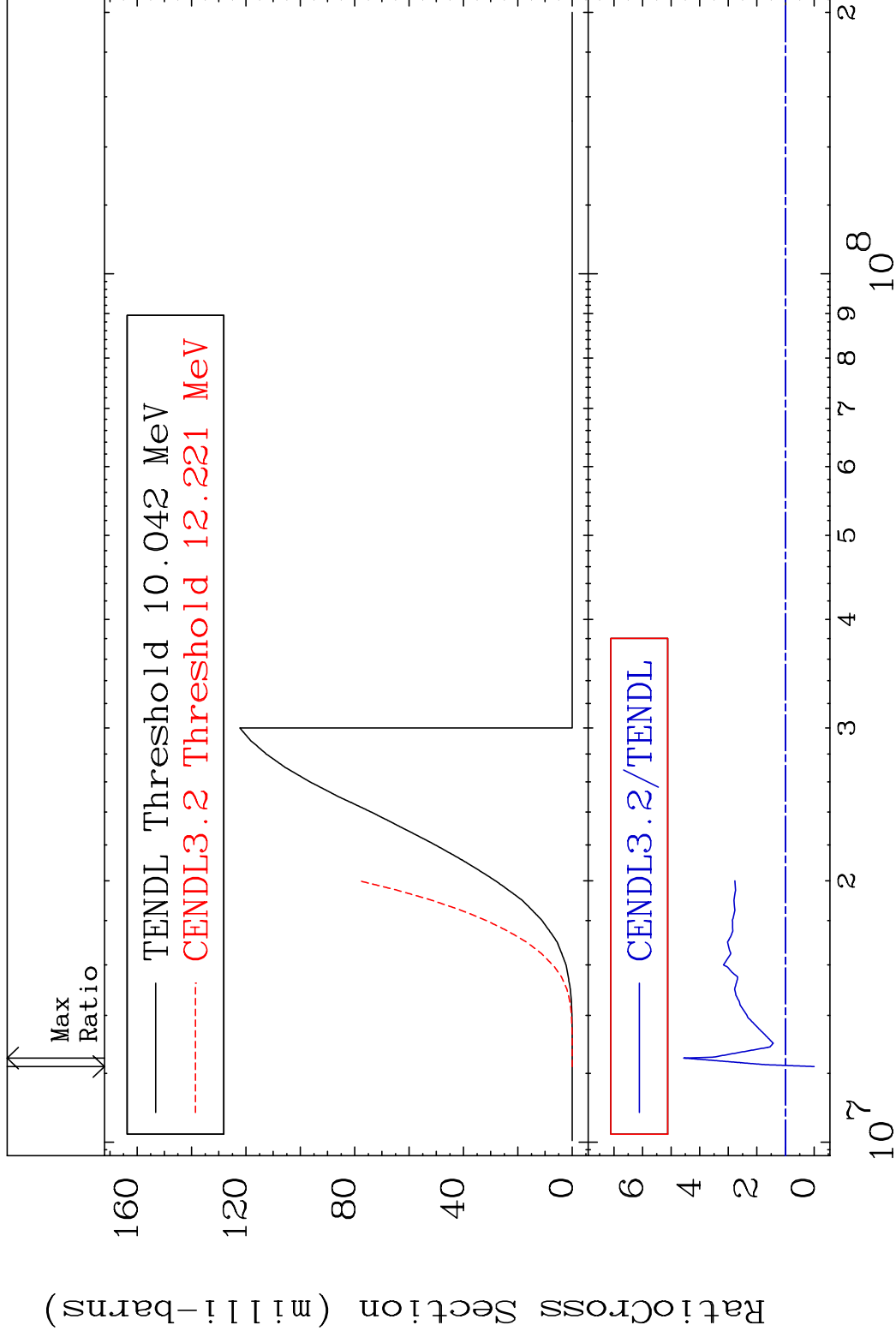
46-Pd-108

MAT 4643

(n, n') p

46-Pd-108

Cross Section -100.0 To 356.1 %

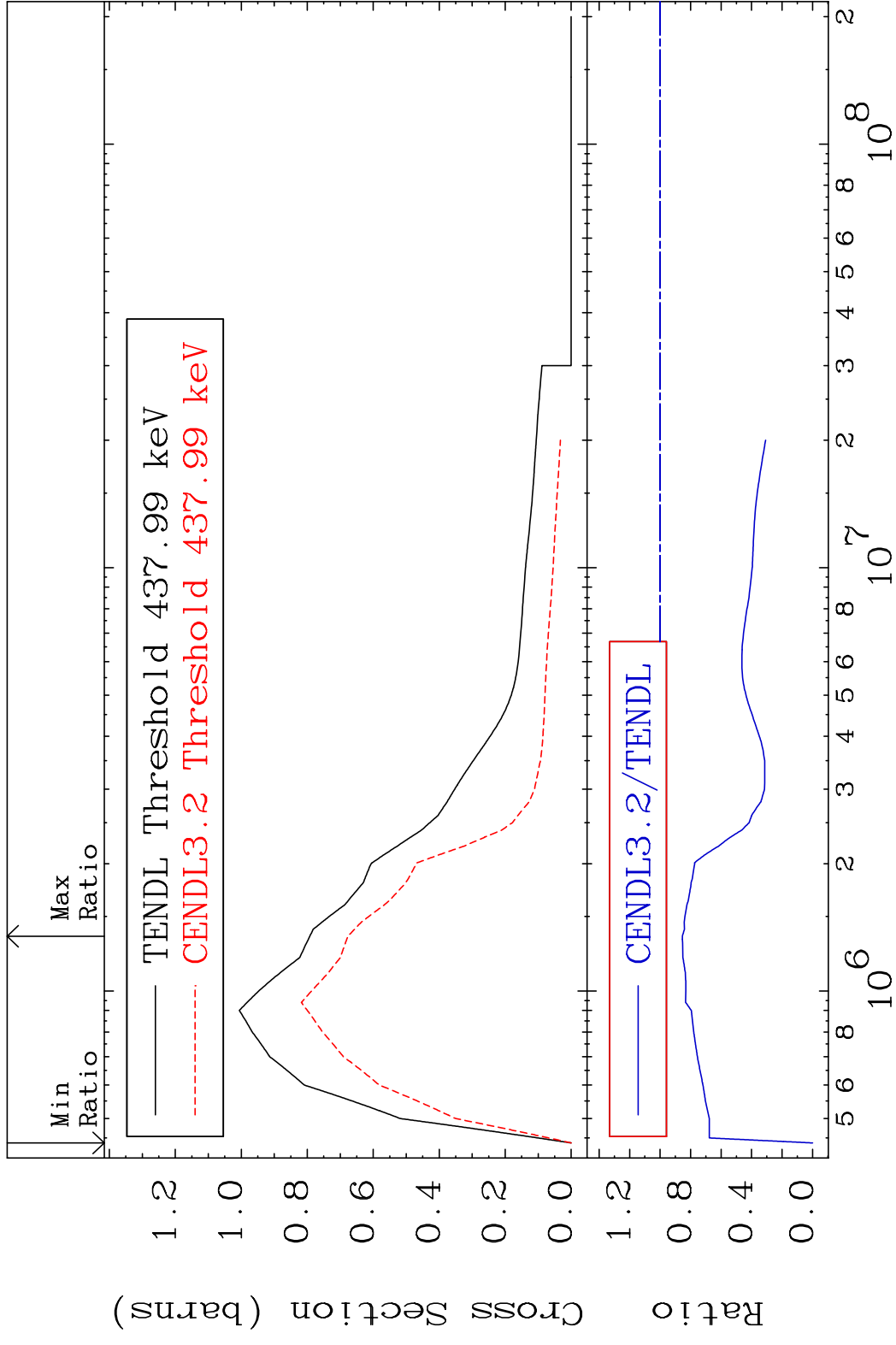


7

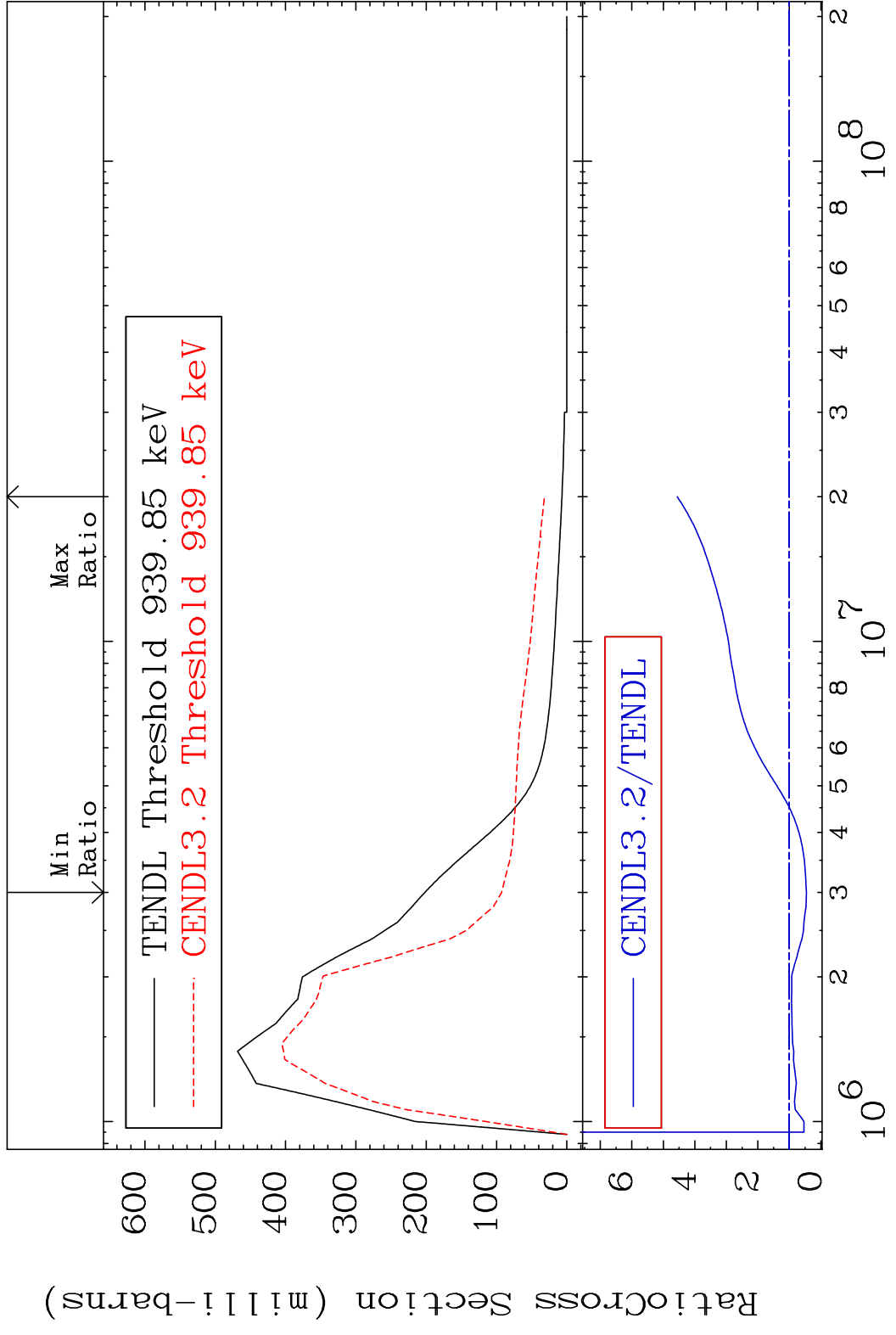
Incident Energy (eV)

46-Pd-108

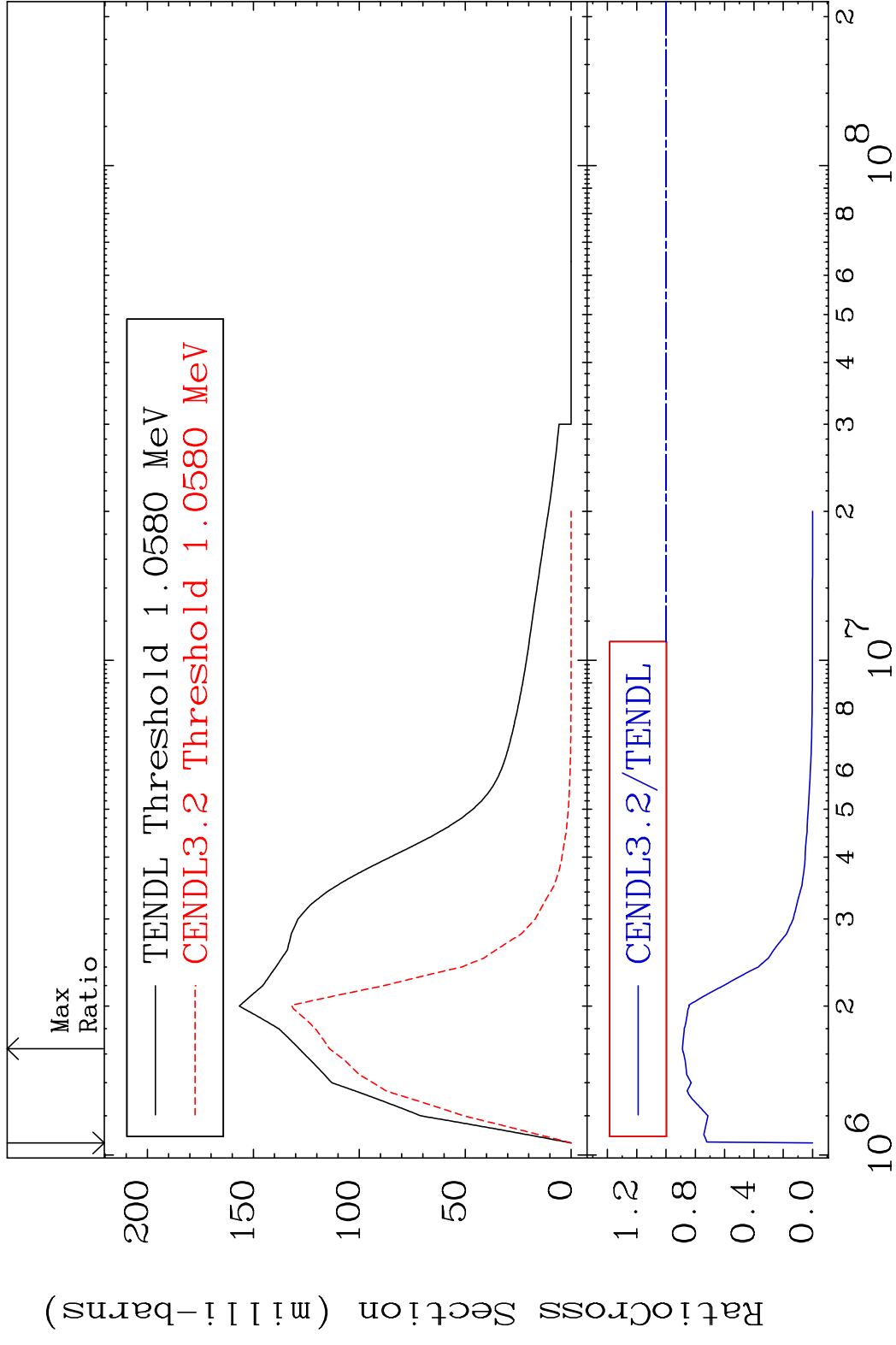
MAT 4643 MT= 51 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -14.60%



MAT 4643 MT= 52 (n, n') Level 46-Pd-108
 Cross Section -54.11 To 356.0 %

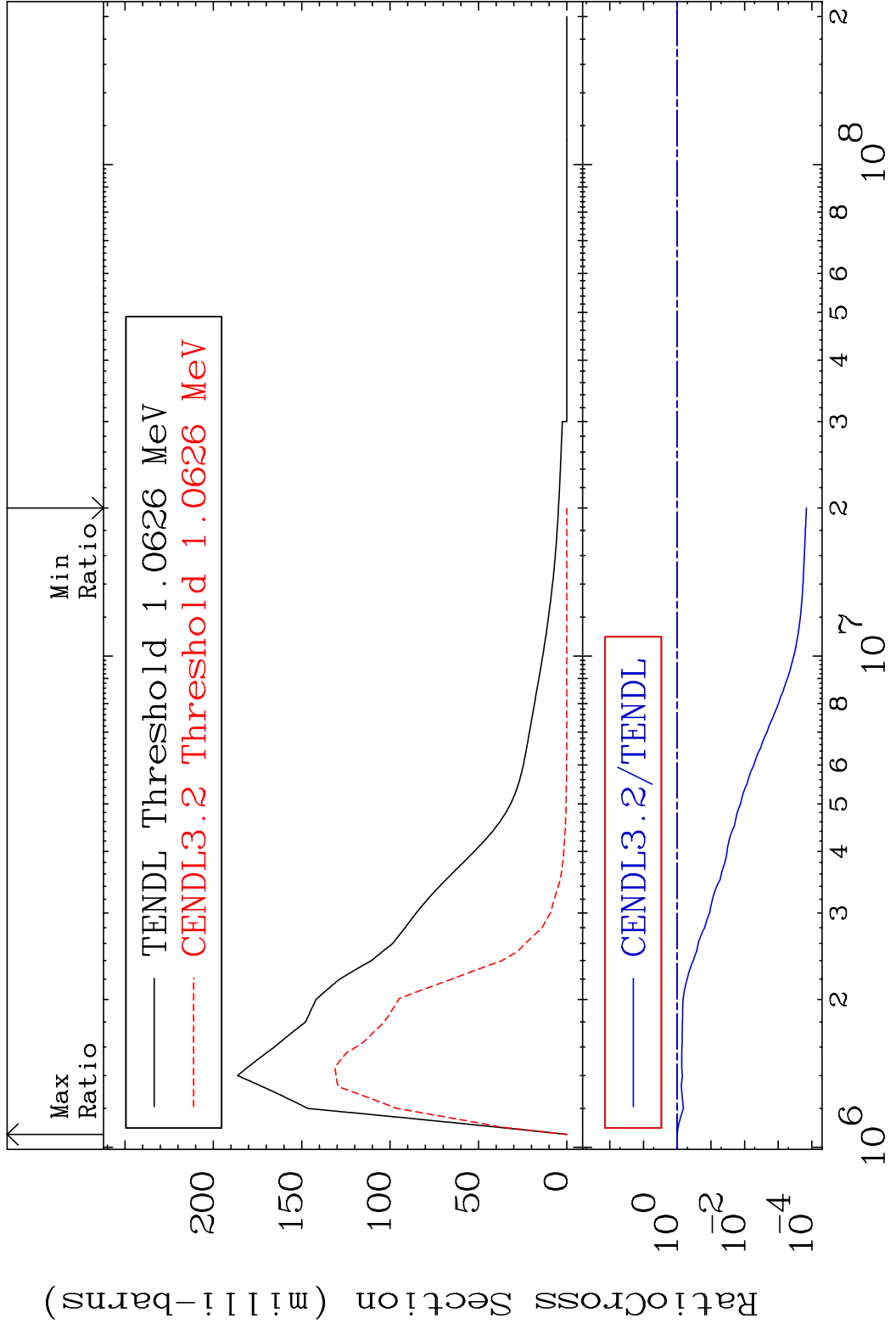


MAT 4643 MT= 53 (n, n') Level 46-Pd-108
 Cross Section -100.0 To -11.12%



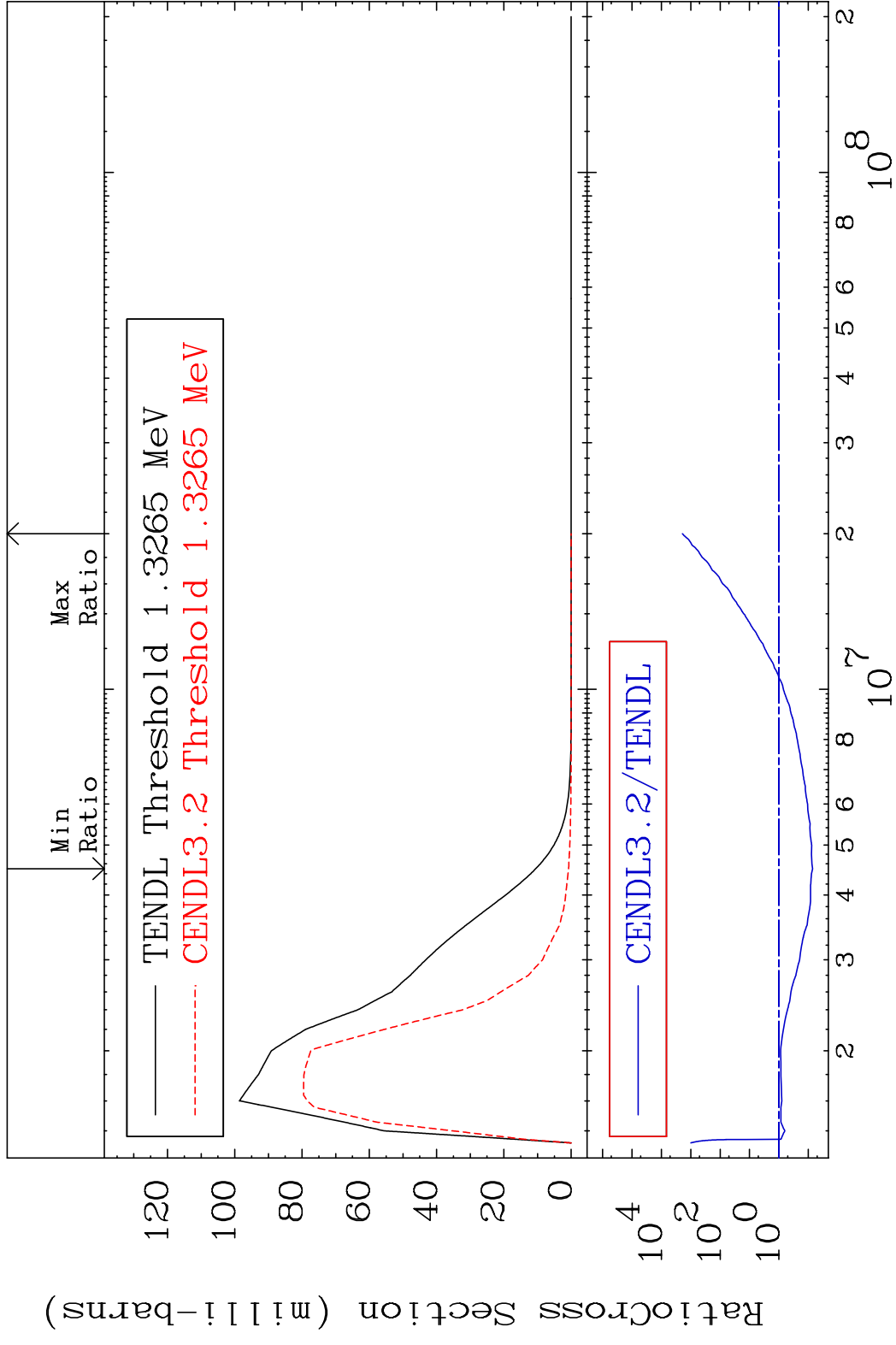
10 10⁶ 10⁷ 10⁸ 2 46-Pd-108

MAT 4643 MT= 54 (n, n') Level 46-Pd-108
 Cross Section -99.99 To 0.000 %

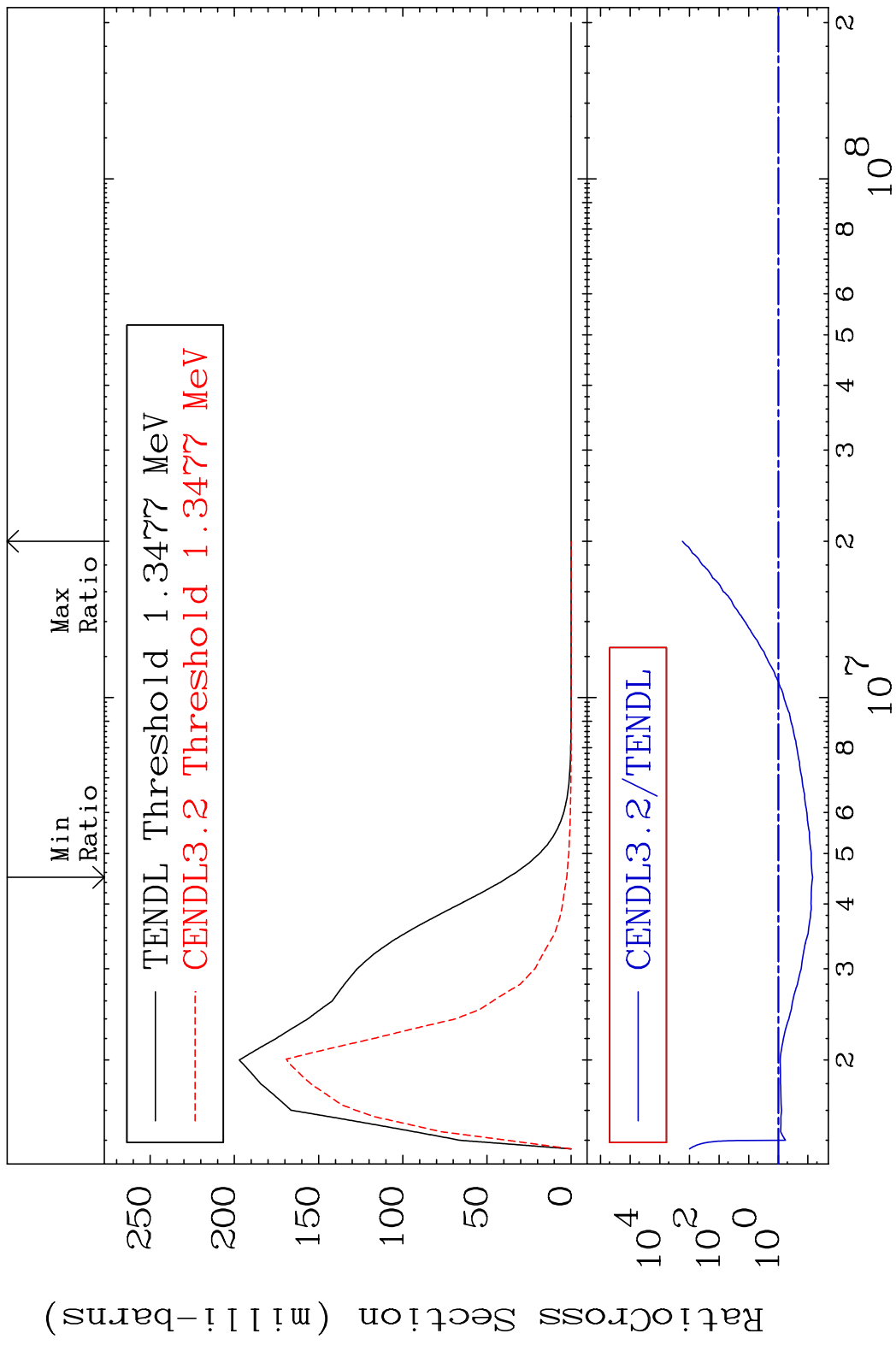


11 Incident Energy (eV) 46-Pd-108

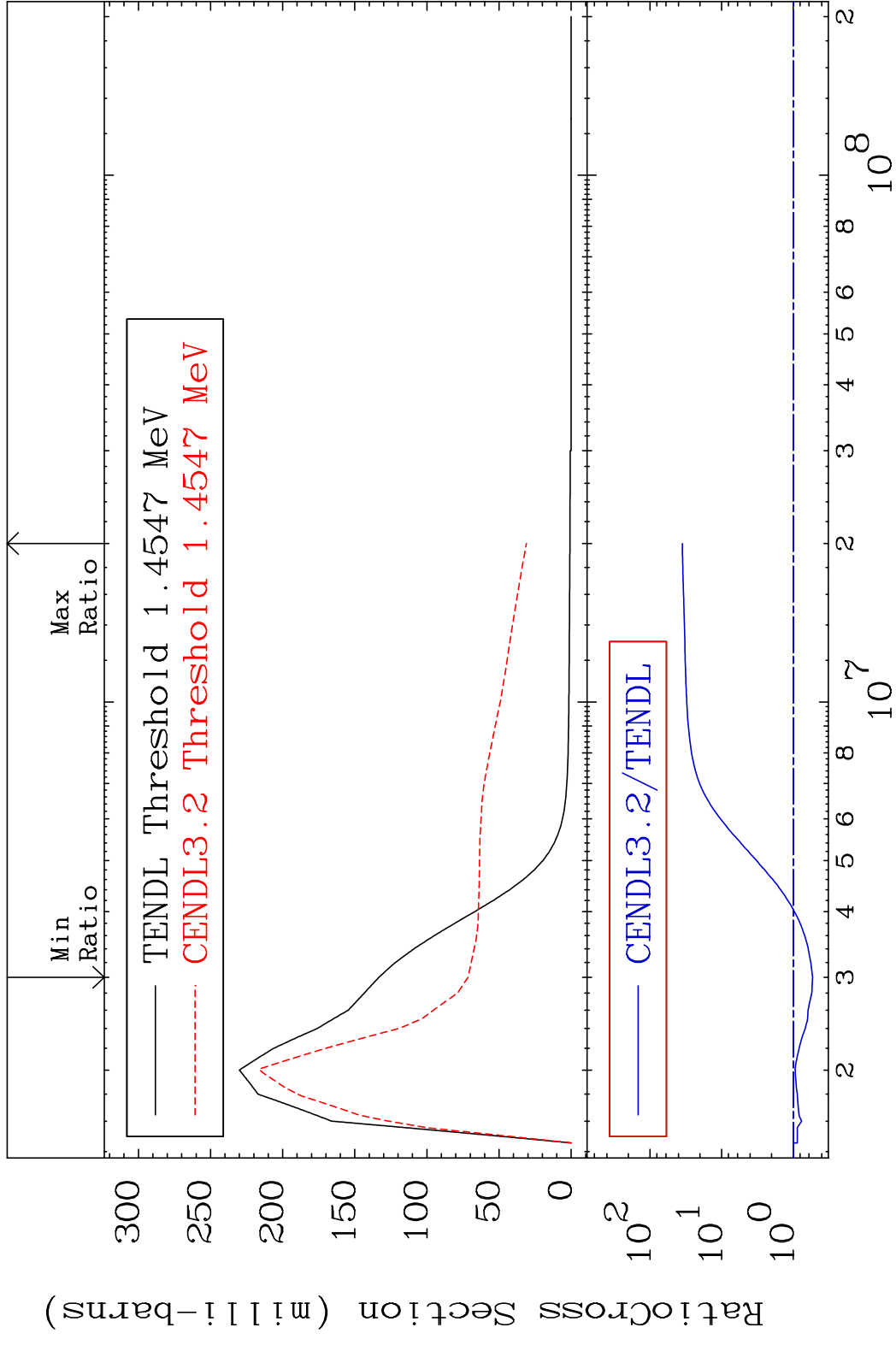
MAT 4643 MT= 55 (n, n') Level 46-Pd-108
 Cross Section -92.79 To 9999. %



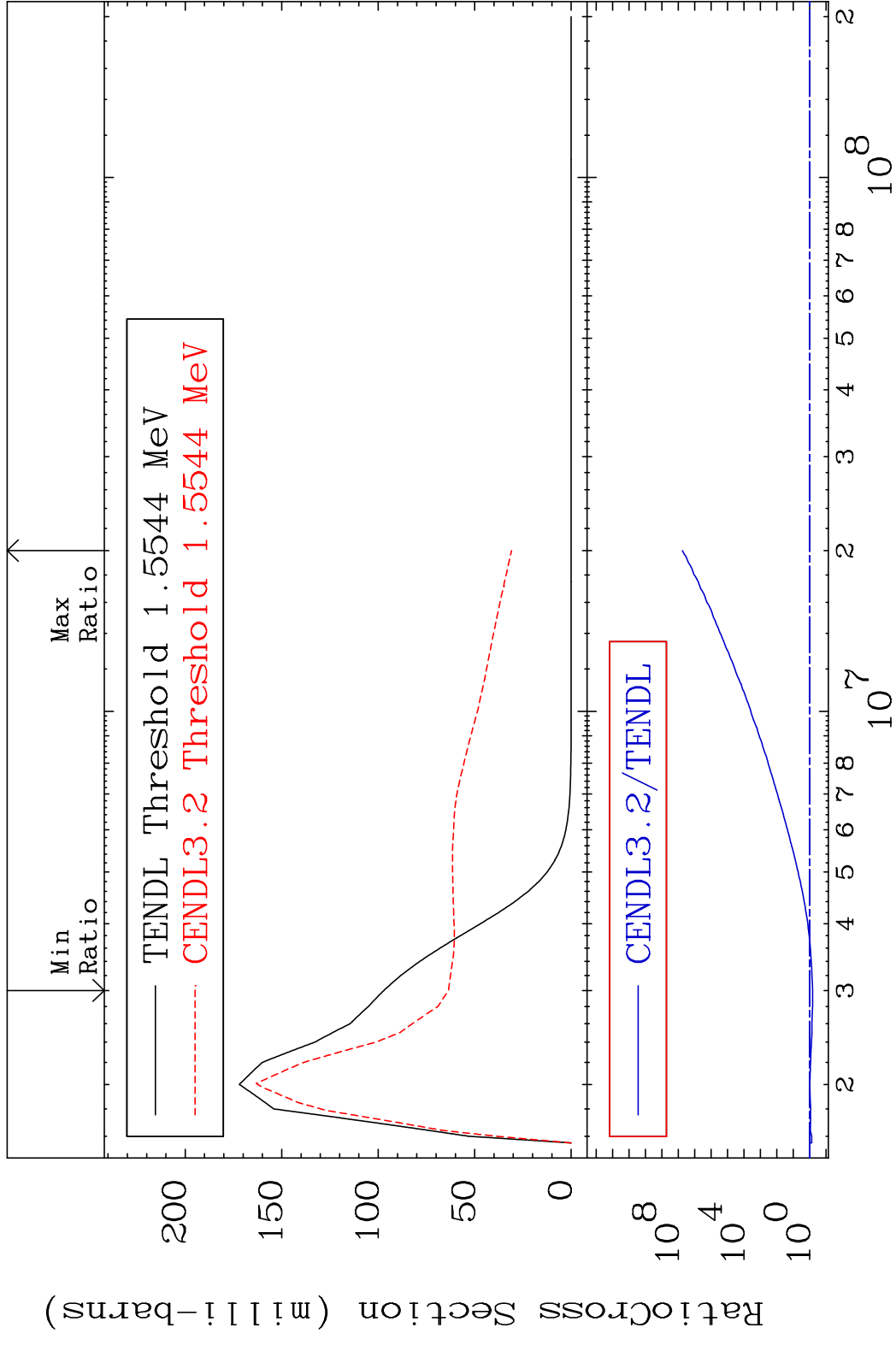
MAT 4643 MT= 56 (n, n') Level 46-Pd-108
 Cross Section -93.03 To 9999. %



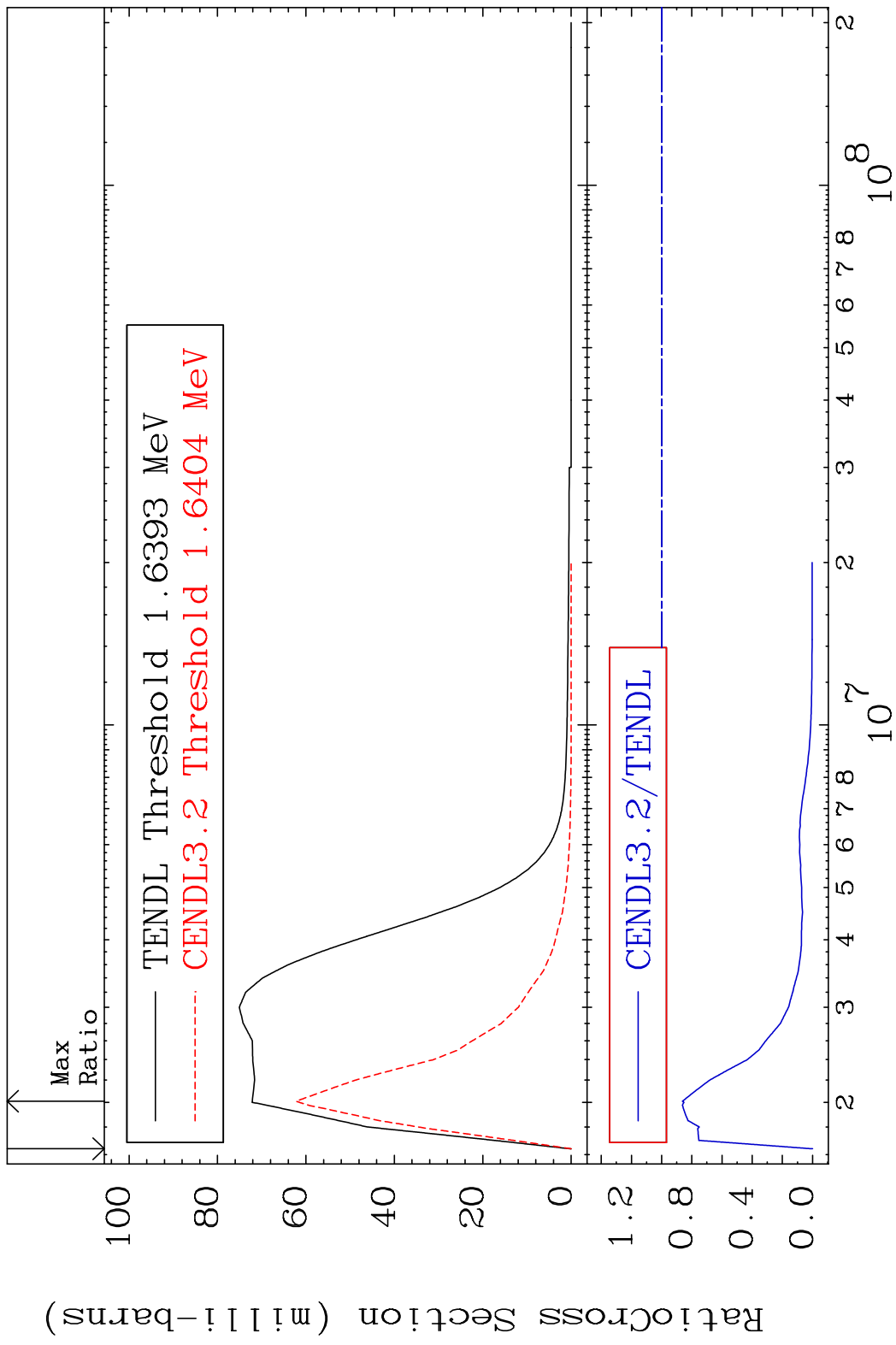
MAT 4643 MT= 57 (n, n') Level 46-Pd-108
 Cross Section -46.38 To 3433. %



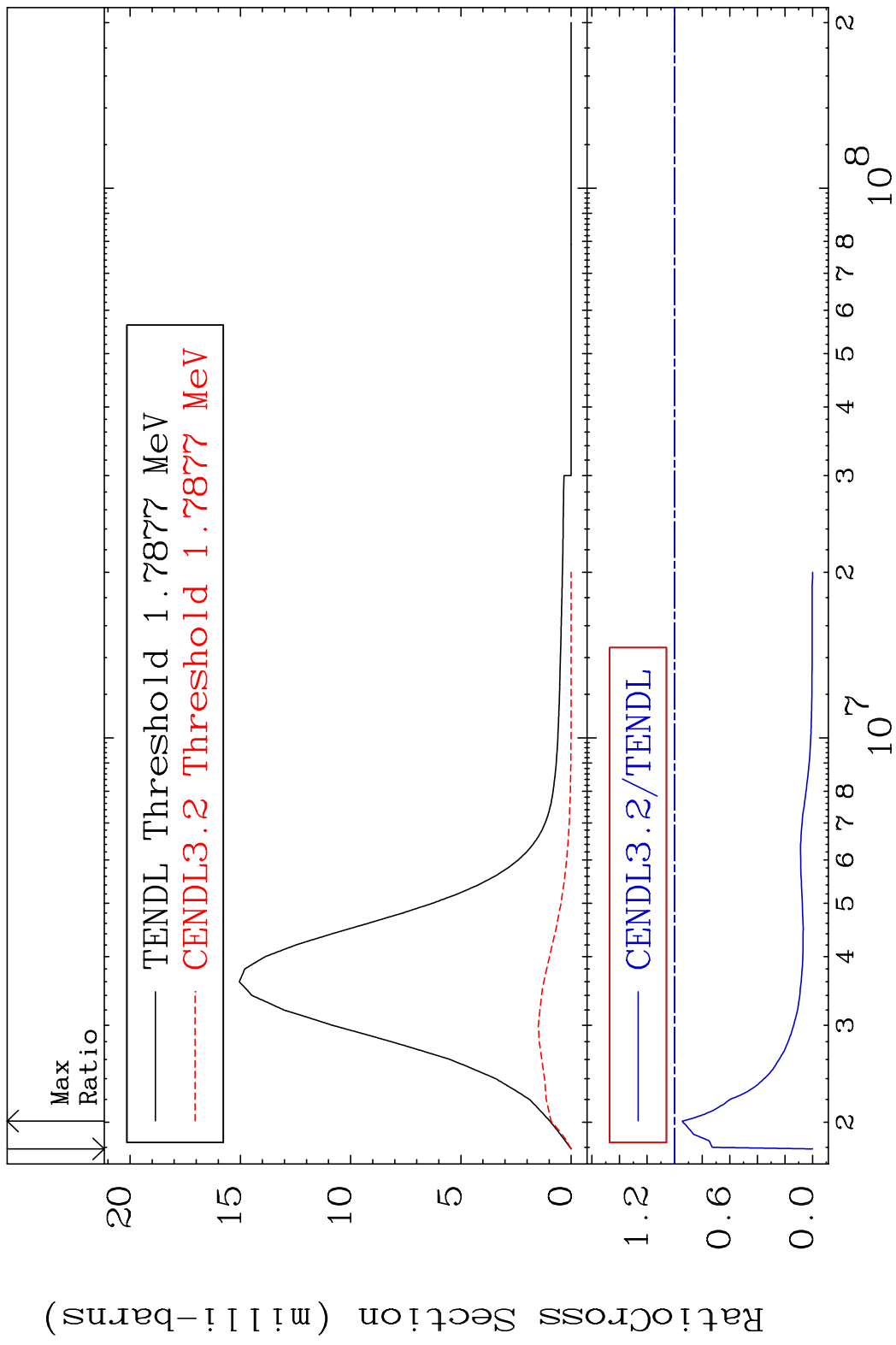
MAT 4643 MT= 58 (n, n') Level 46-Pd-108
 Cross Section -34.52 To 9999. %



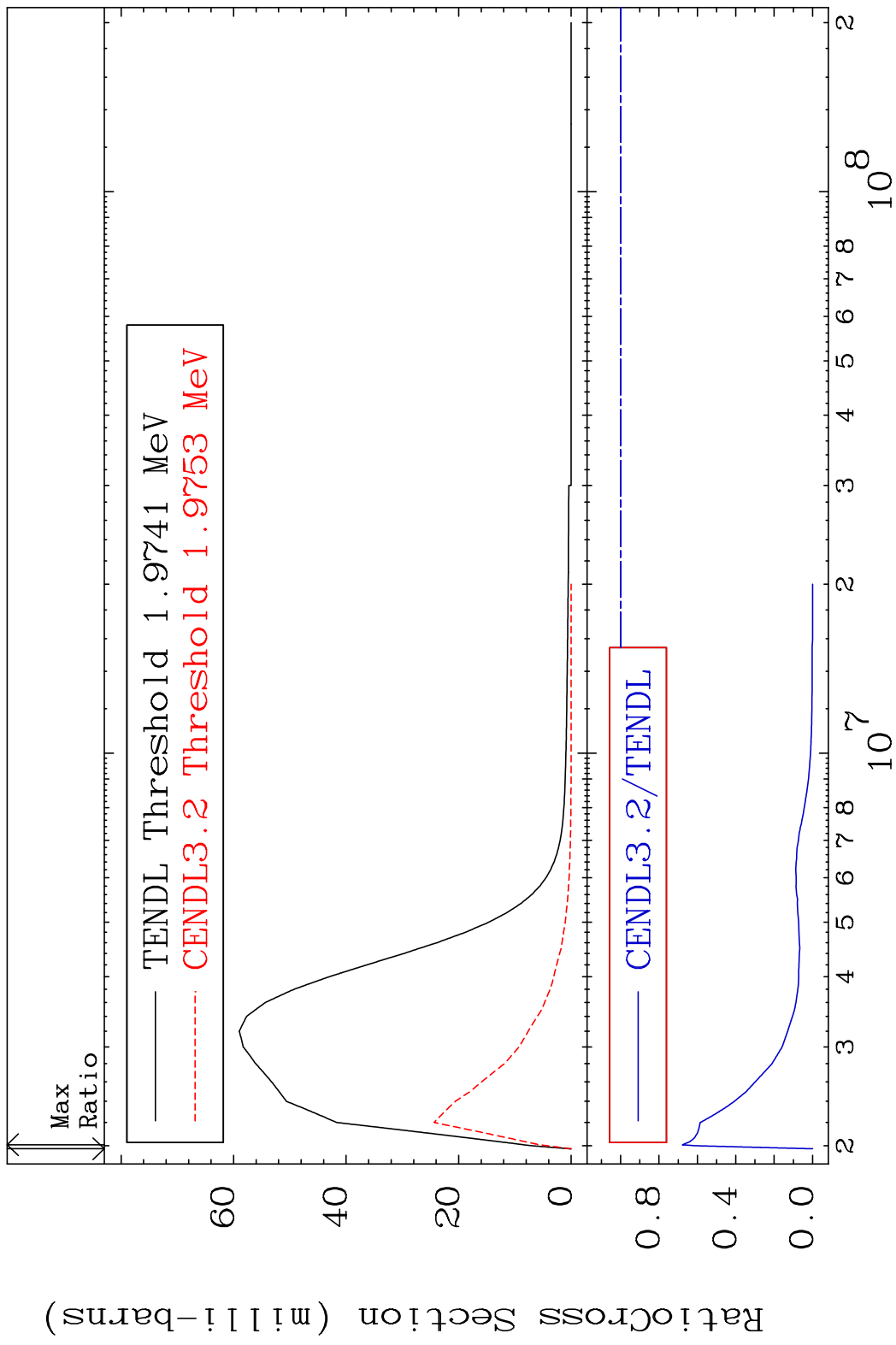
MAT 4643 MT= 59 (n, n') Level 46-Pd-108
 Cross Section -100.0 To -13.74%



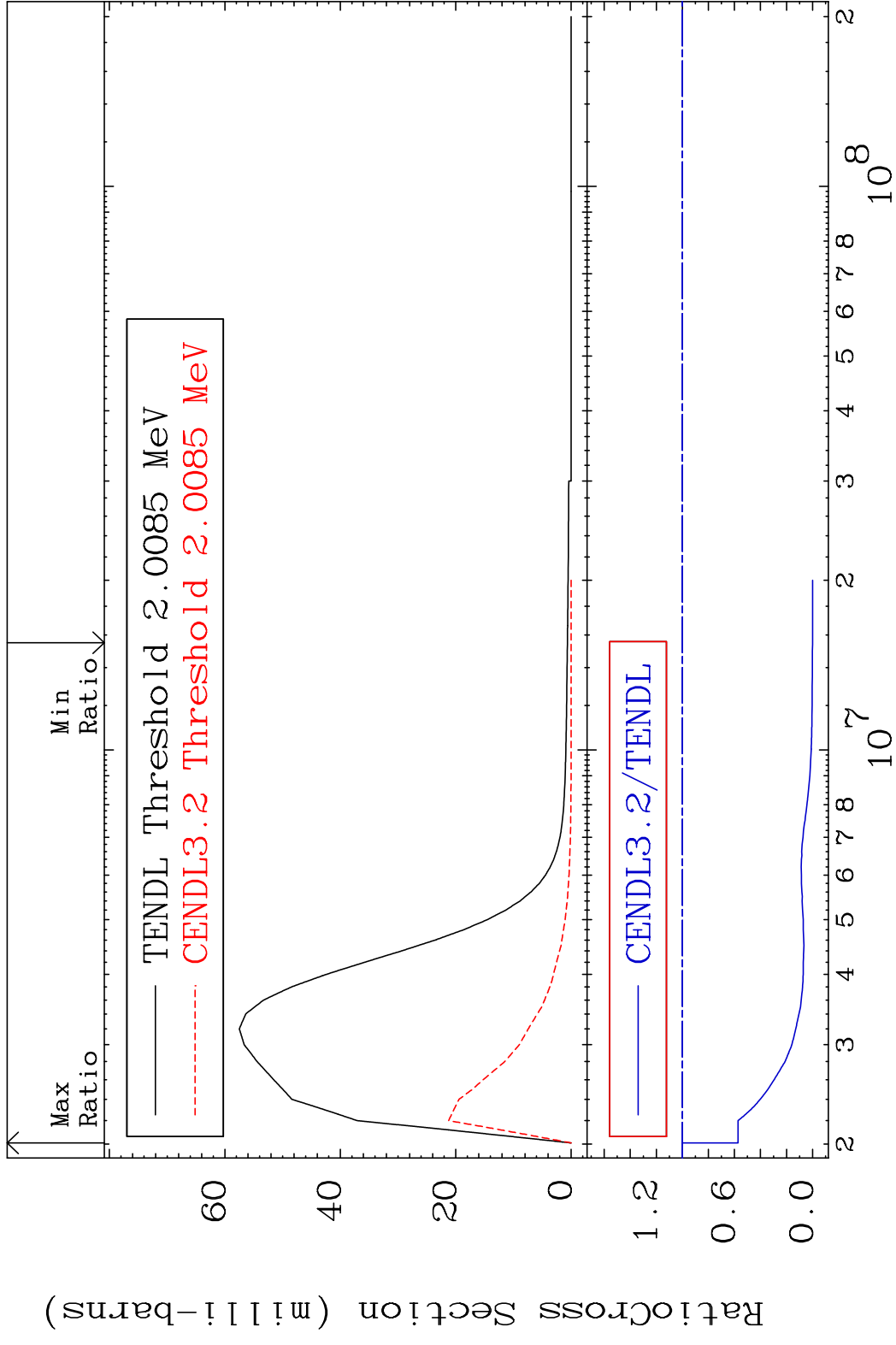
MAT 4643 MT= 60 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -5.567%



MAT 4643 MT= 61 (n,n') Level 46-Pd-108
 Cross Section -100.0 To -32.16%



MAT 4643 MT= 62 (n,n') Level 46-Pd-108
 Cross Section -100.0 To 0.000 %

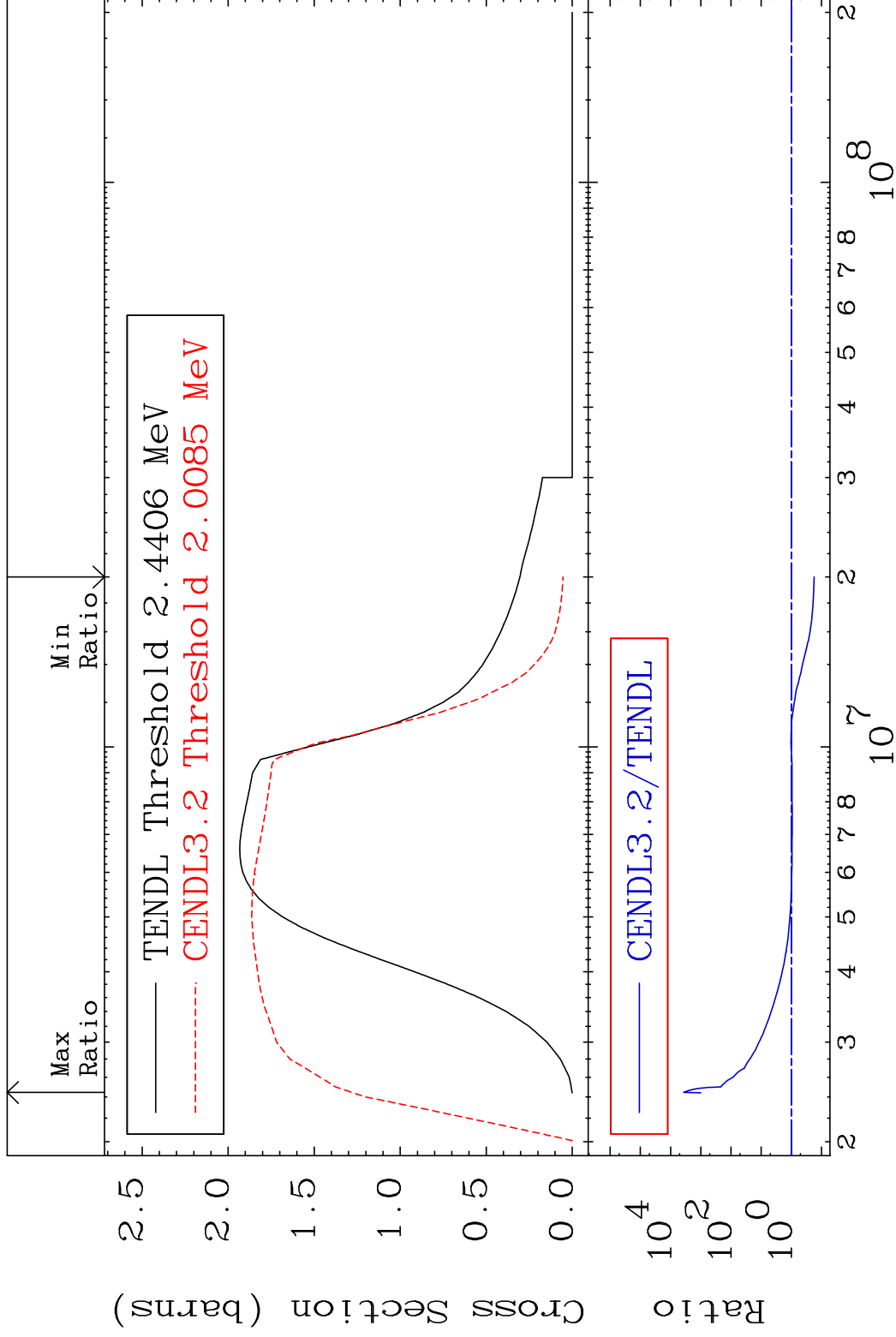


MAT 4643

(n, n') Continuum

46-Pd-108

Cross Section -82.49 To 9999. %



20

Incident Energy (eV)

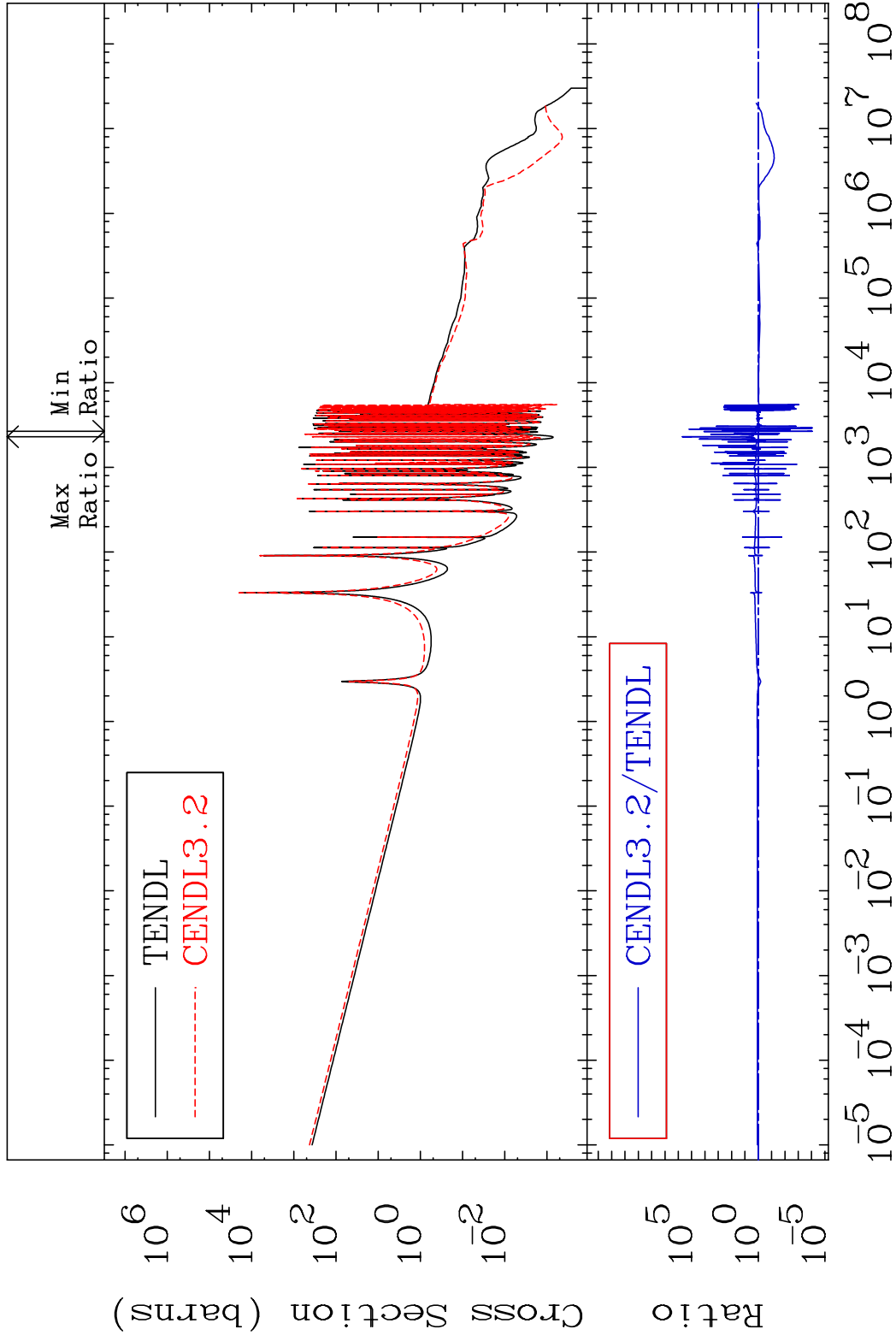
46-Pd-108

MAT 4643

(n, γ)

46-Pd-108

Cross Section -99.99 To 9999. %



21

Incident Energy (eV)

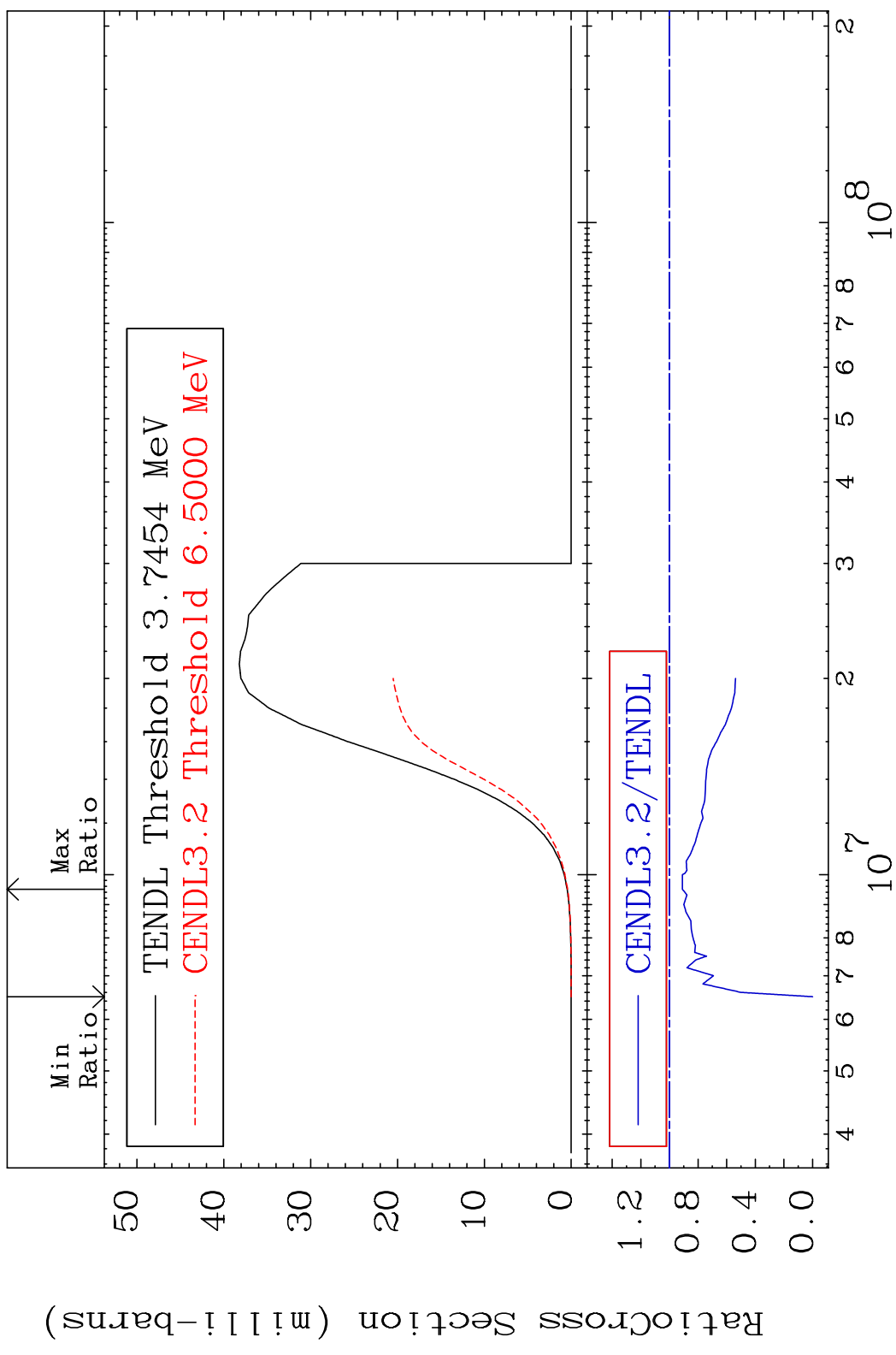
46-Pd-108

MAT 4643

(n, p)

46-Pd-108

Cross Section -100.0 To -9.041%

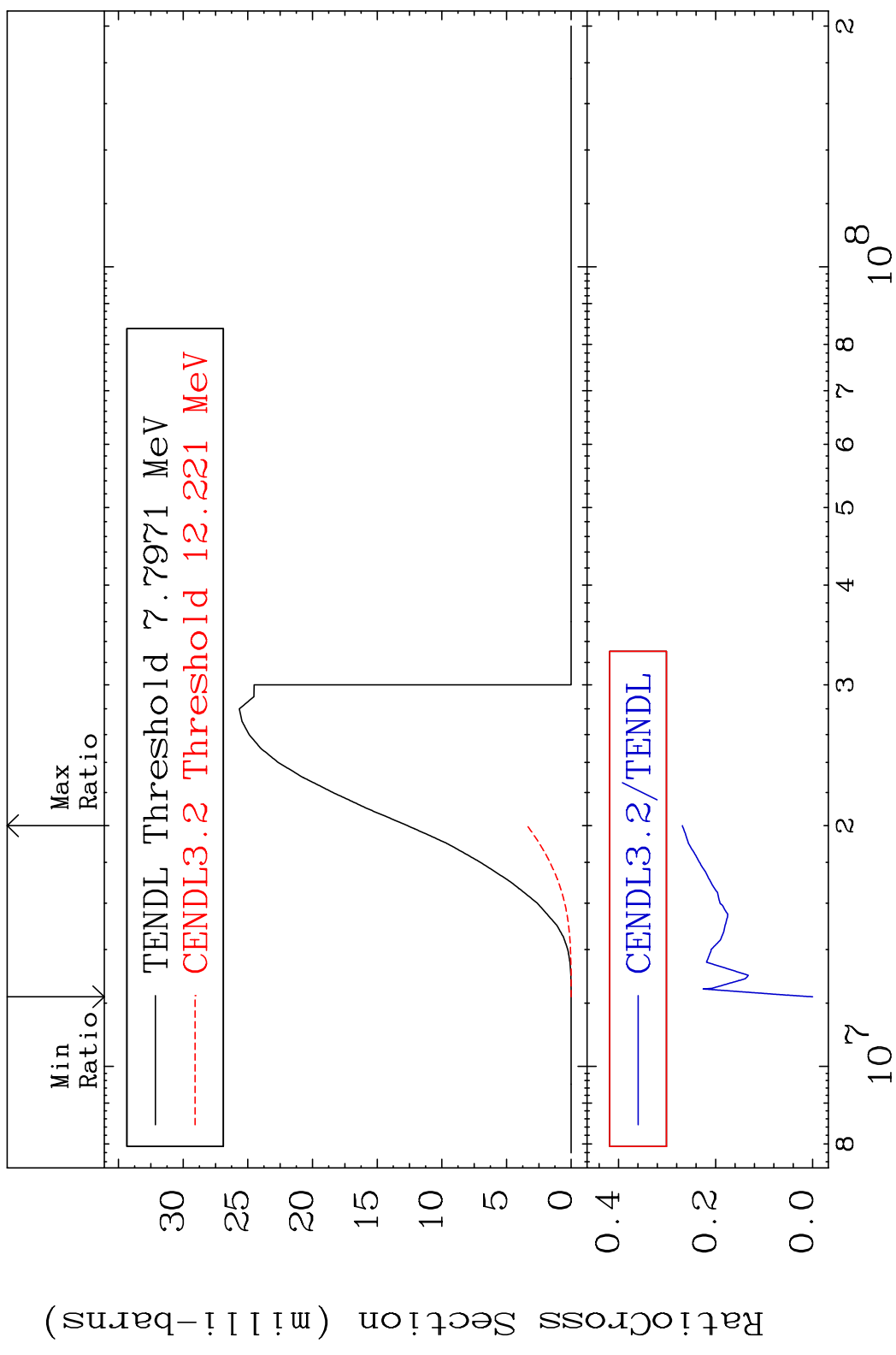


MAT 4643

(n,d)

46-Pd-108

Cross Section -100.0 To -73.15%

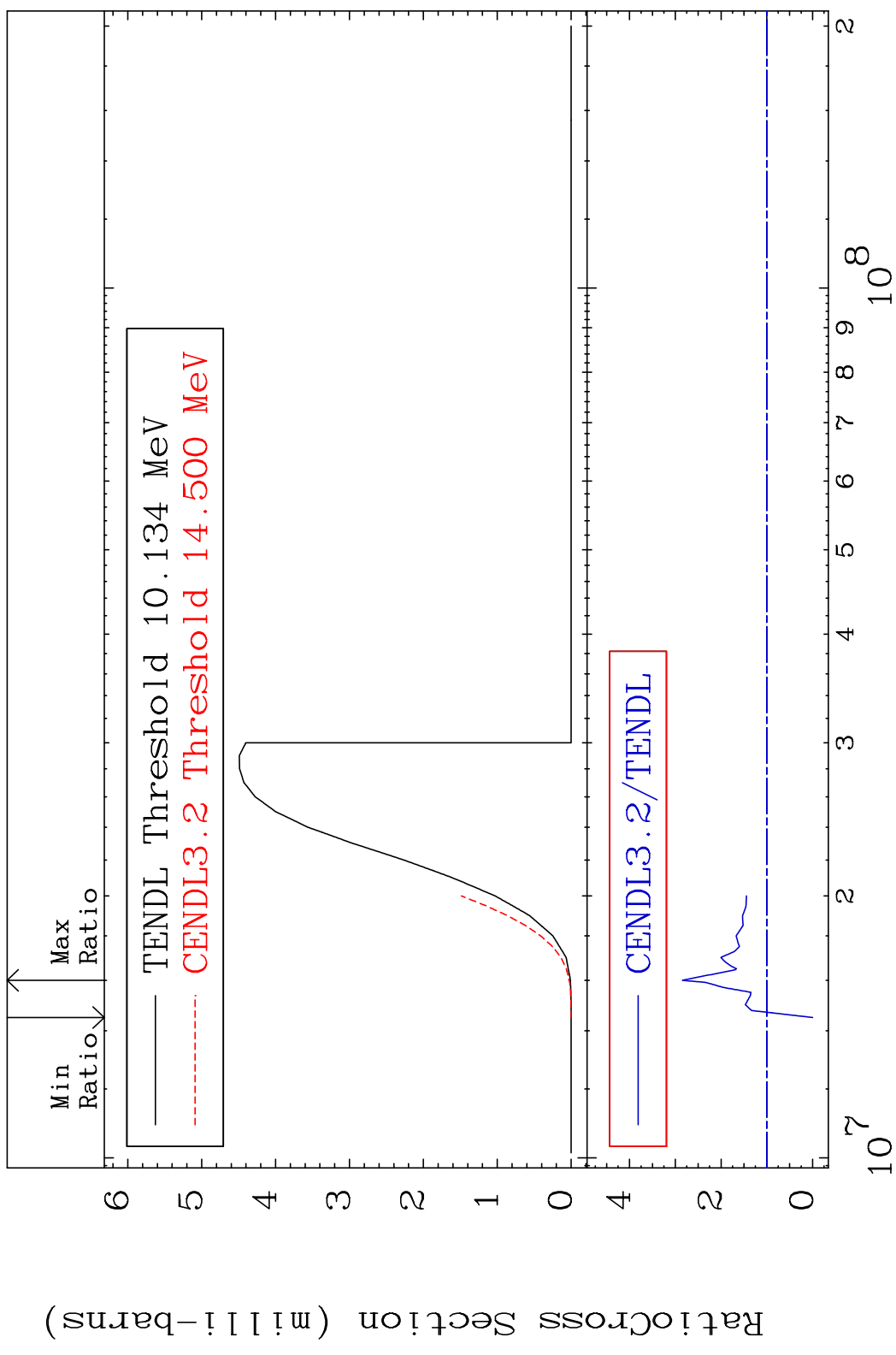


MAT 4643

(n, t)

46-Pd-108

Cross Section -100.0 To 184.6 %



24

Incident Energy (eV)

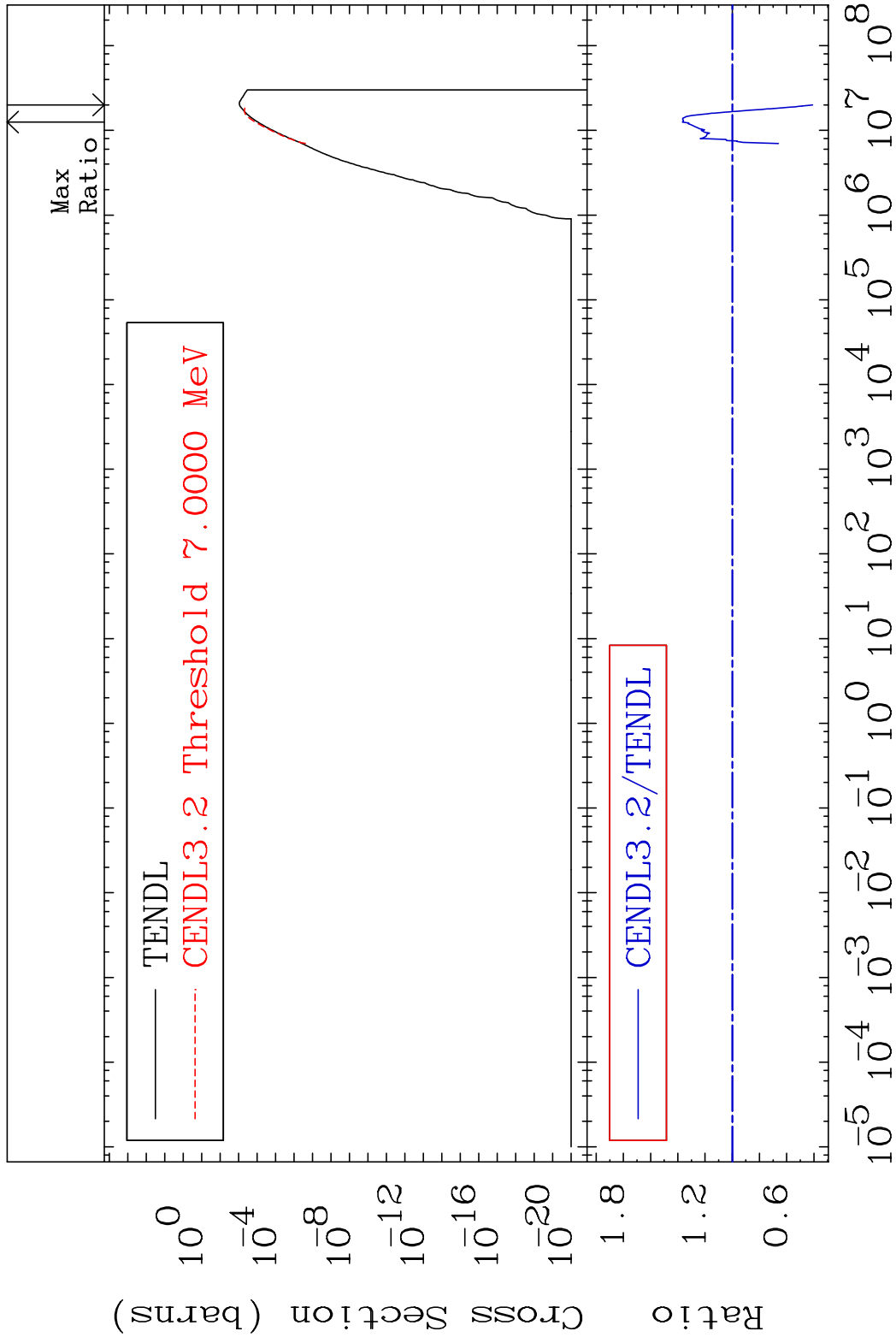
46-Pd-108

MAT 4643

(n, α)

46-Pd-108

Cross Section -58.99 To 36.67 %



25

Incident Energy (eV)

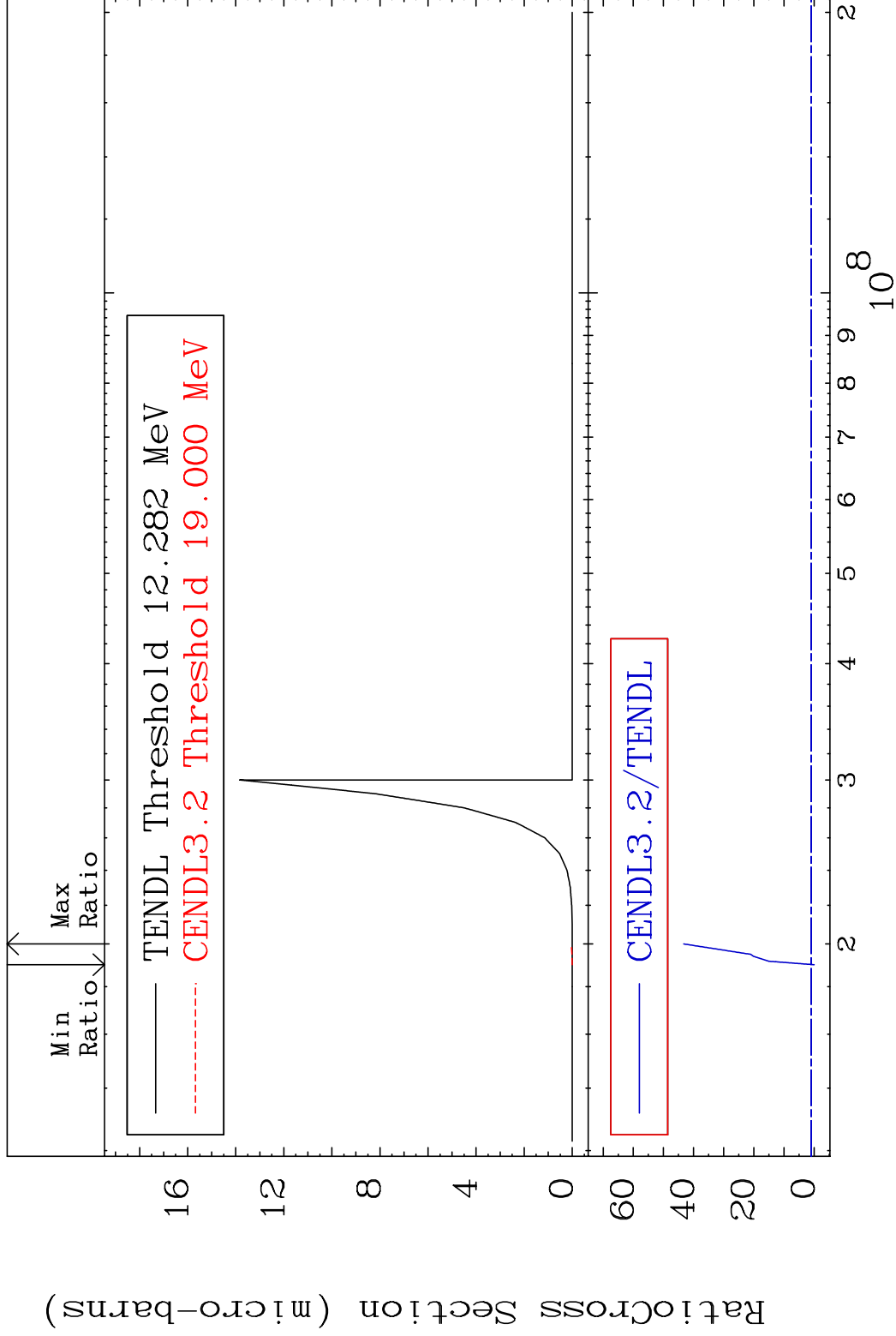
46-Pd-108

MAT 4643

(n,2p)

46-Pd-108

Cross Section -100.0 To 4229. %

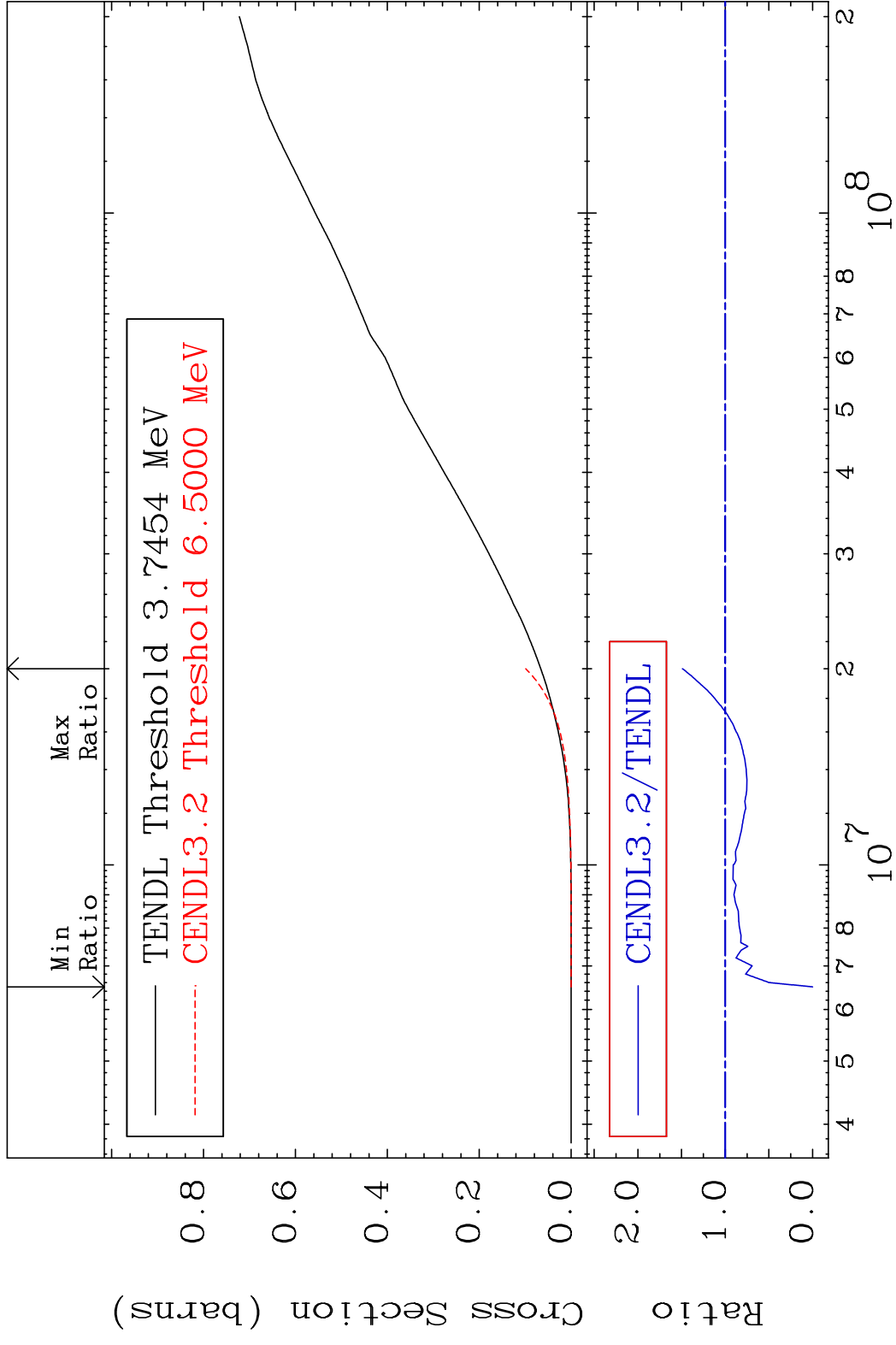


26

Incident Energy (eV)

46-Pd-108

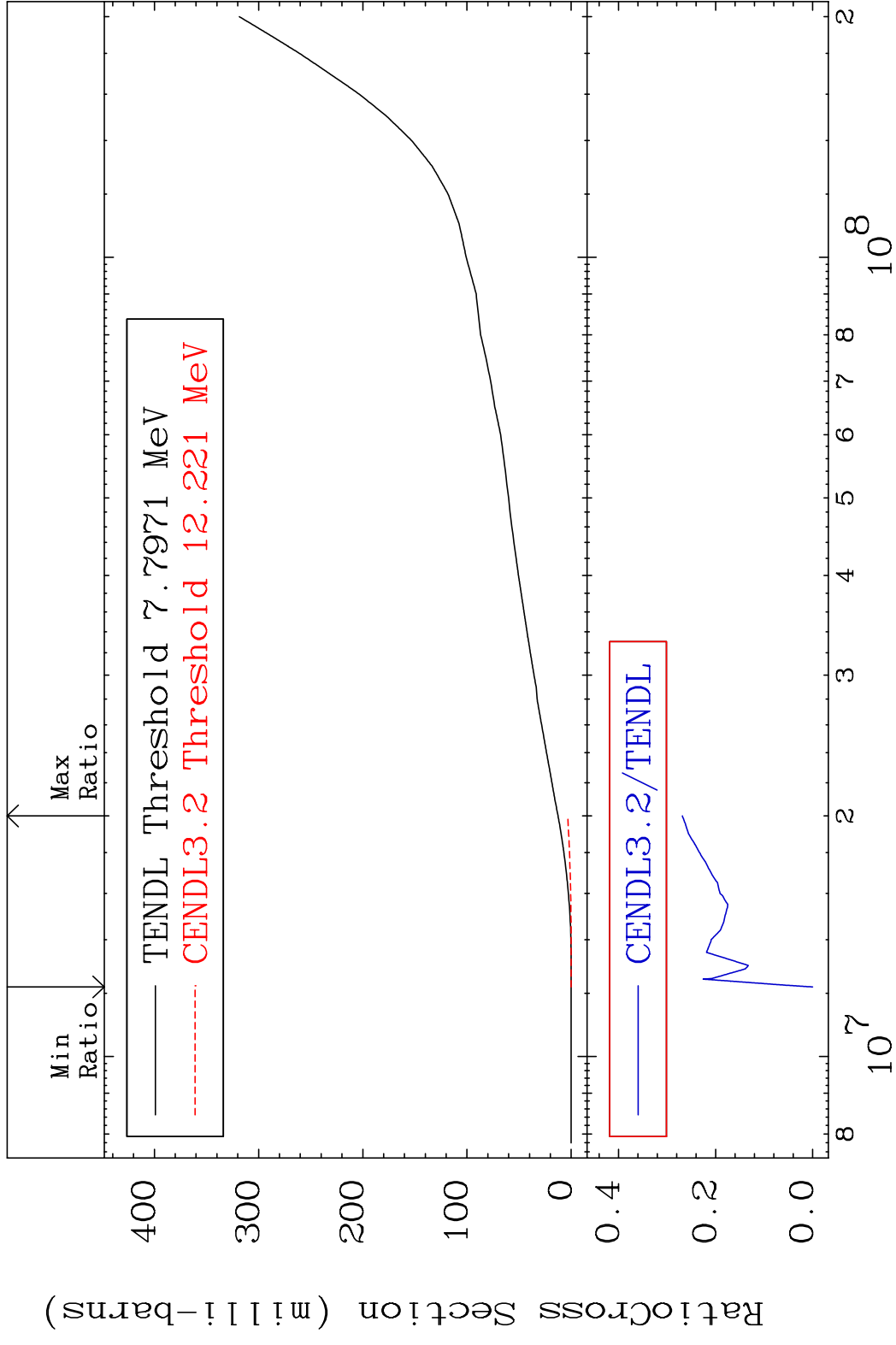
MAT 4643 Hydrogen Production 46-Pd-108
 Cross Section -100.0 To 49.10 %



MAT 4643

Deuterium Production 46-Pd-108

Cross Section -100.0 To -73.15%



28

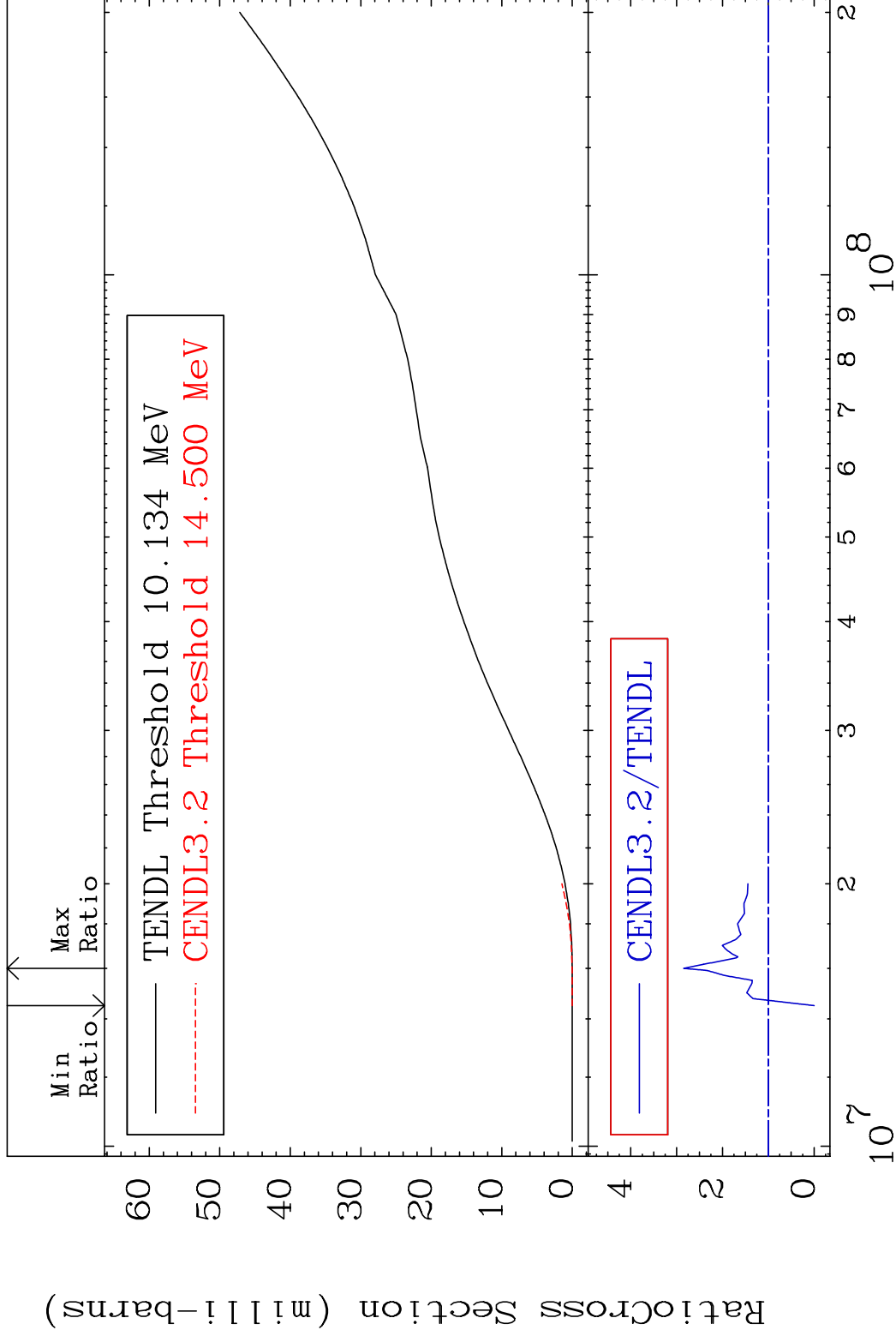
Incident Energy (eV) 46-Pd-108

MAT 4643

Tritium Production

46-Pd-108

Cross Section -100.0 To 184.6 %



29

Incident Energy (eV)

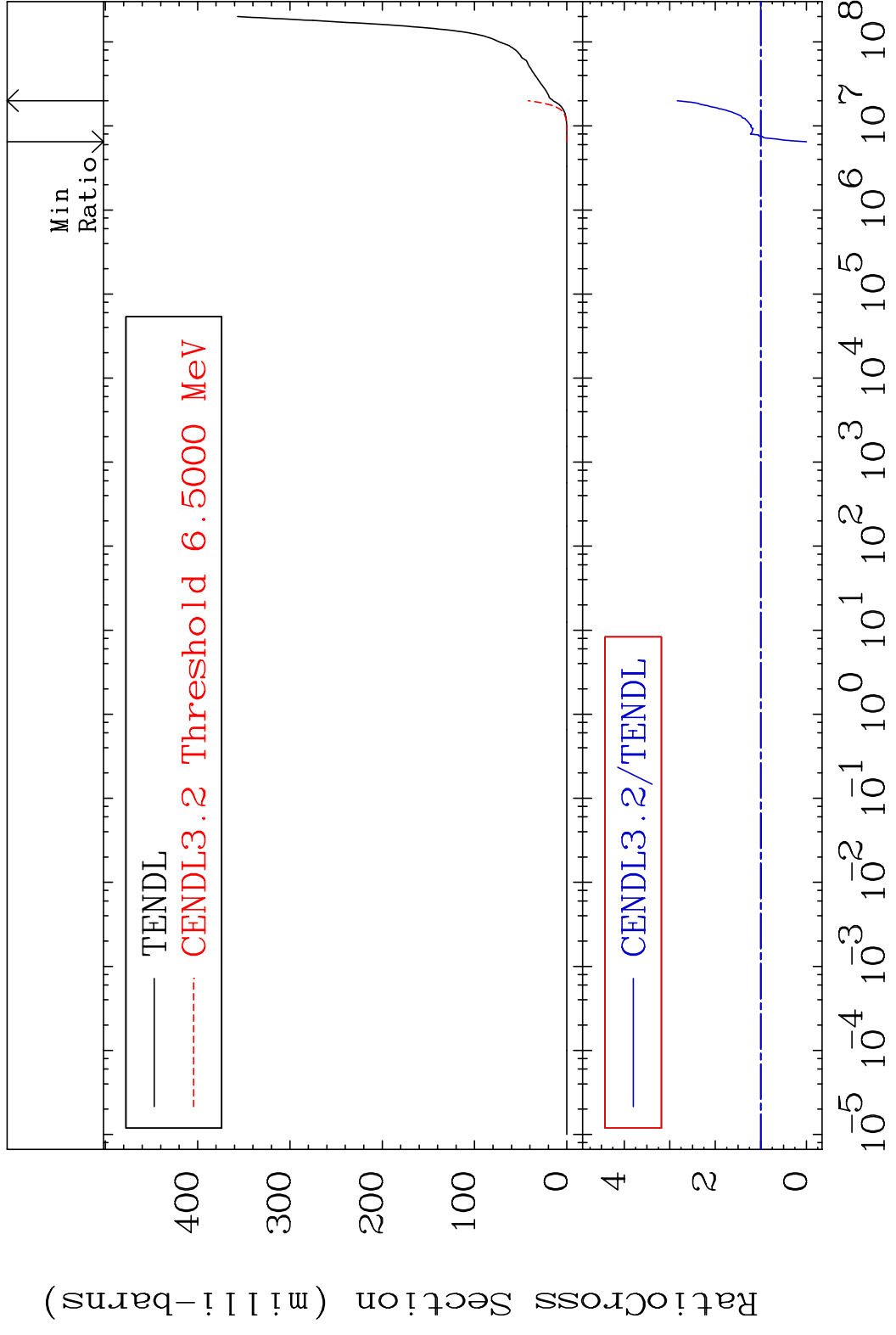
46-Pd-108

MAT 4643

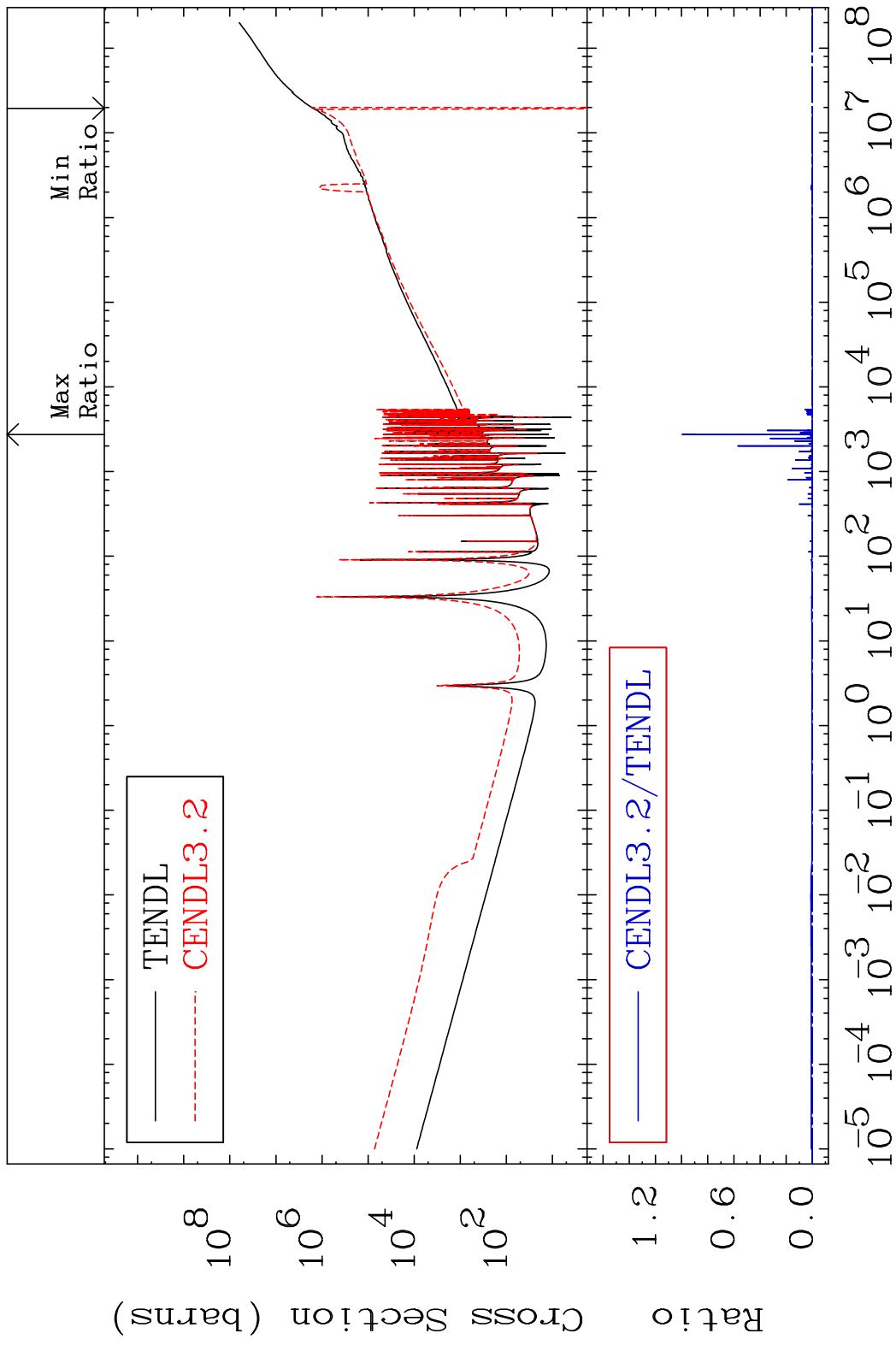
He-4 Production

46-Pd-108

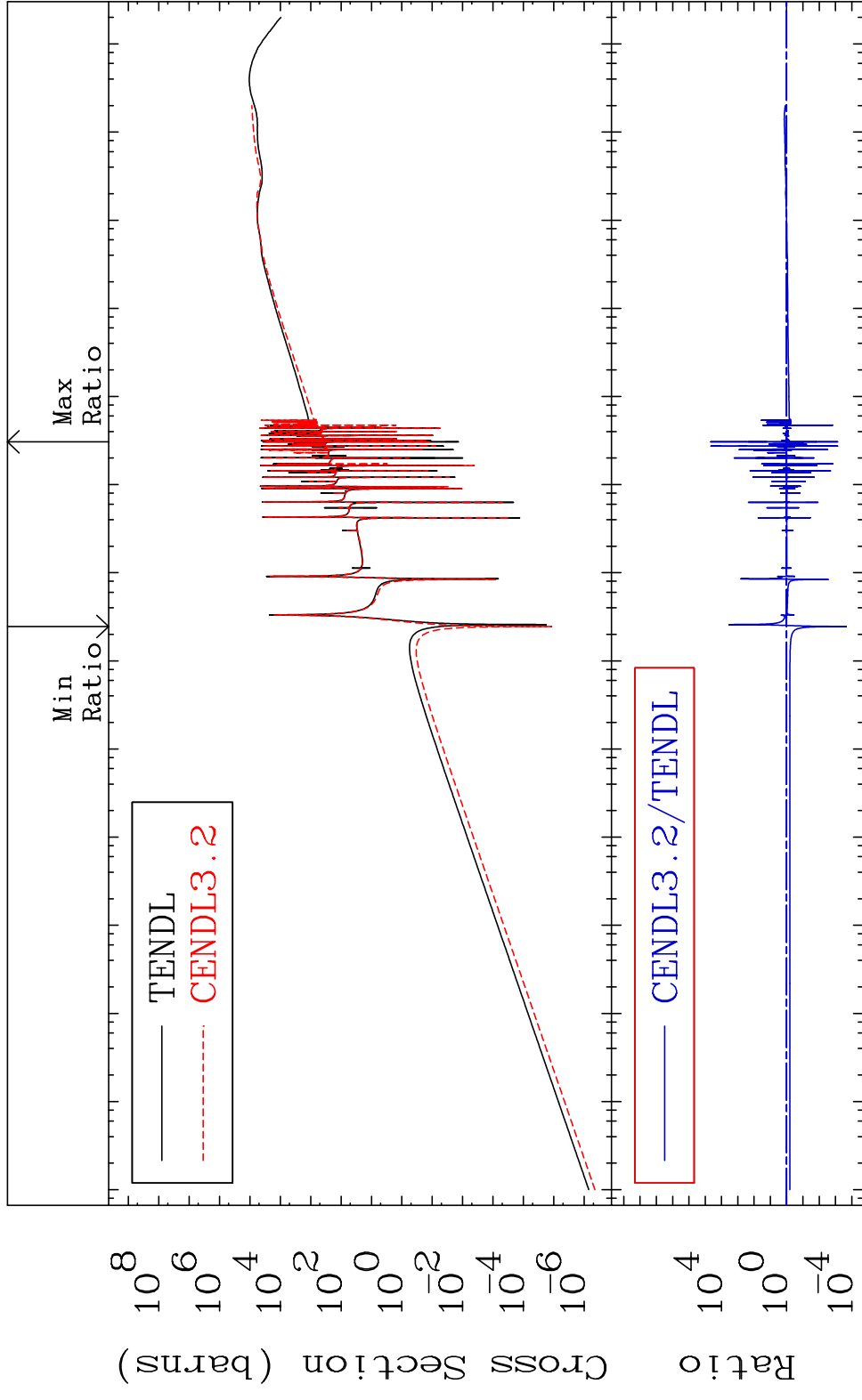
Cross Section -100.0 To 183.6 %



MAT 4643 Kerma total (eV-barns) 46-Pd-108
 Cross Section -230.3 To 9999. %

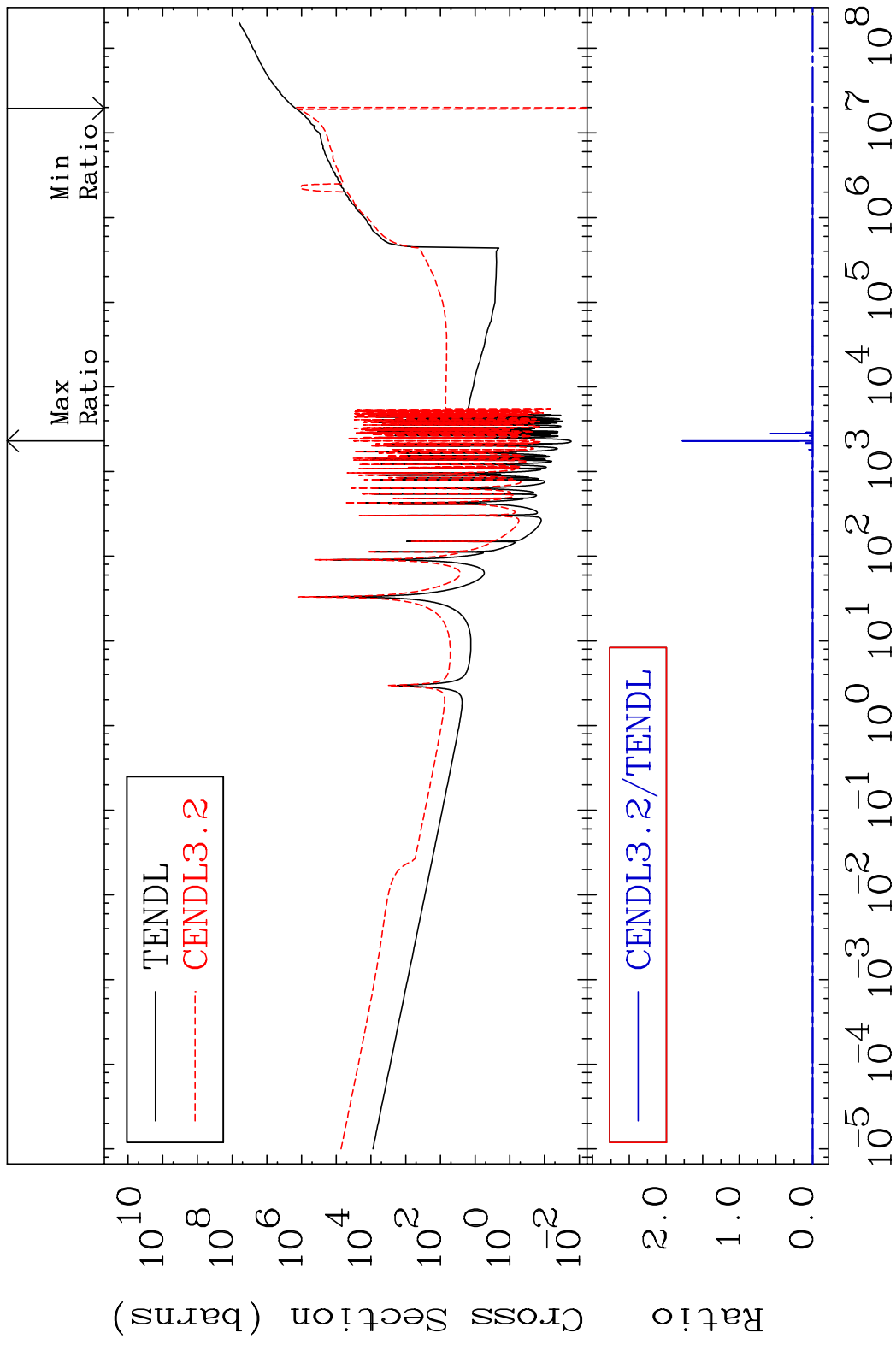


MAT 4643 Kerma elastic 46-Pd-108
 Cross Section -99.98 To 9999. %

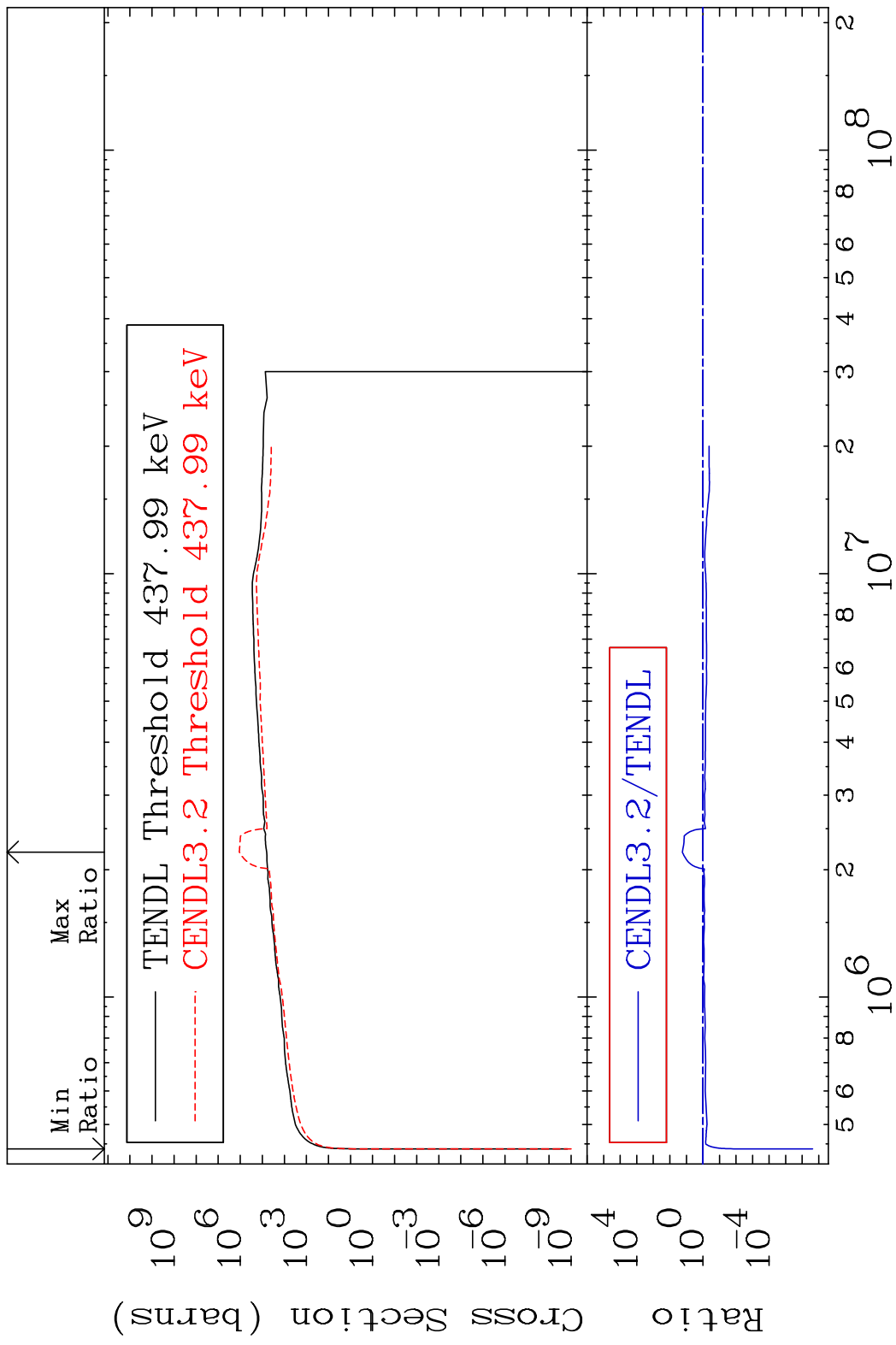


32 Incident Energy (eV) 46-Pd-108

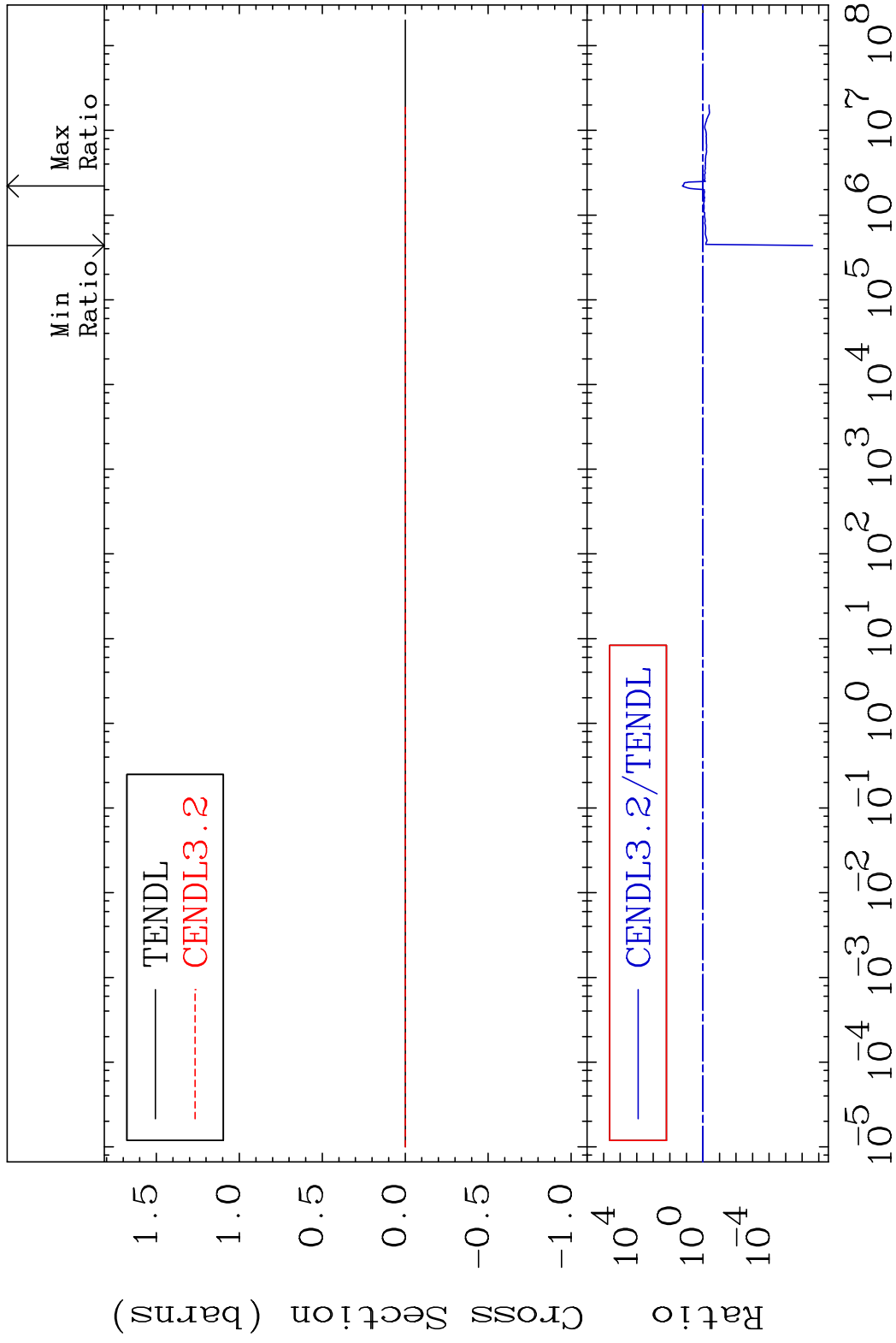
MAT 4643 Kerma non-elastic (all but mt2) 46-Pd-108
 Cross Section -242.2 To 9999. %



MAT 4643 Kerma inelastic (mt51-91) 46-Pd-108
 Cross Section -100.0 To 1655. %

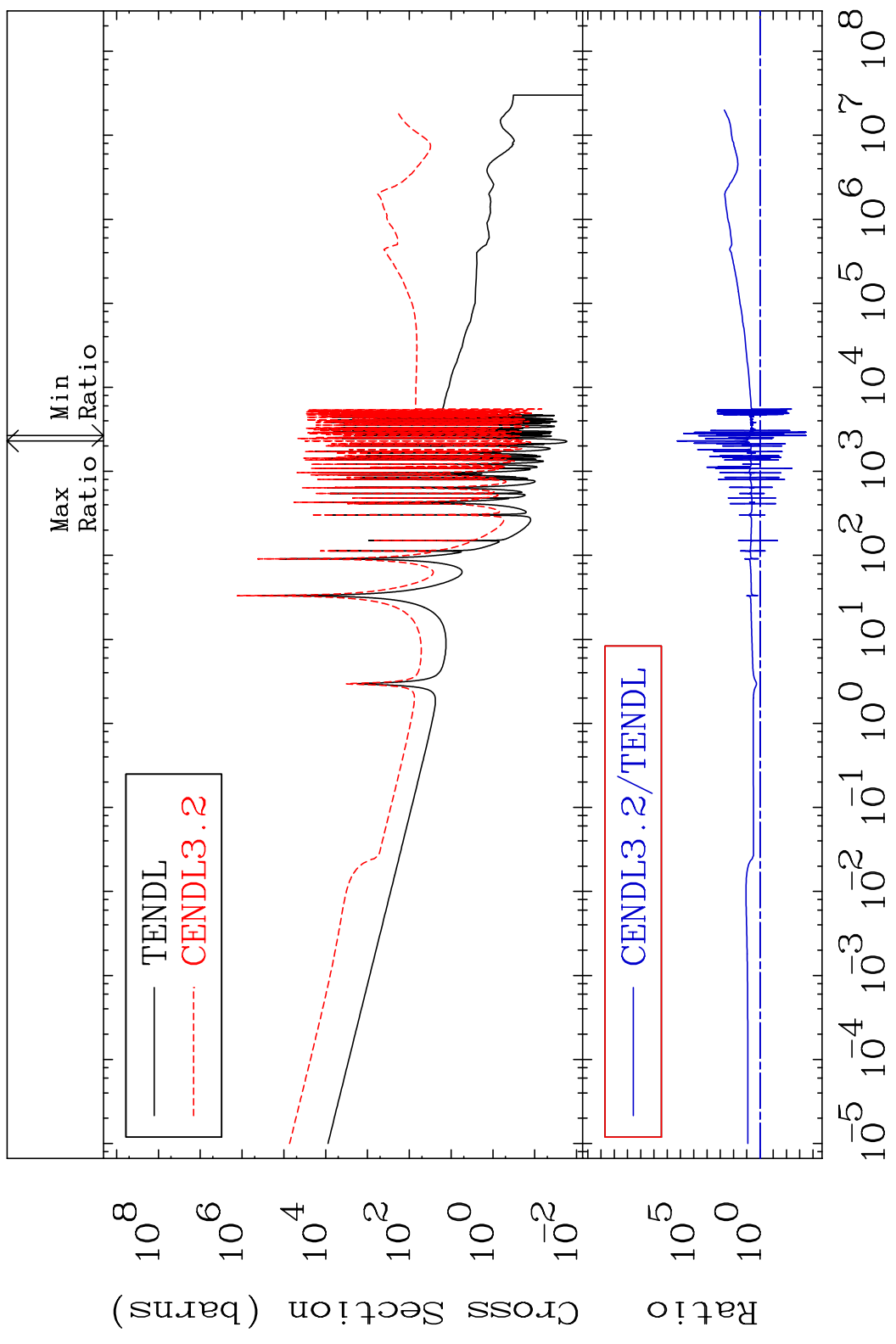


MAT 4643 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-108
 Cross Section -100.0 To 1655. %

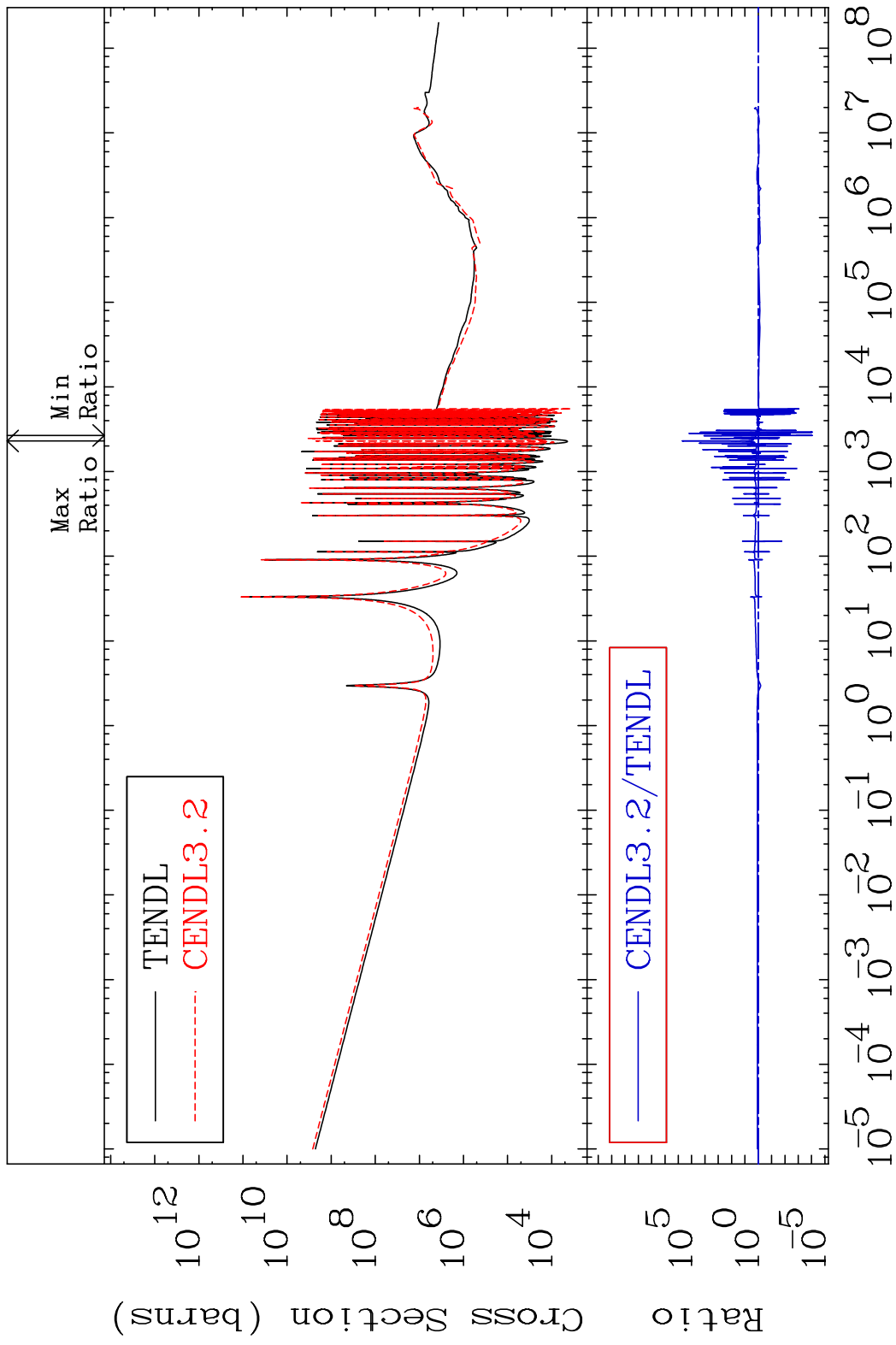


MAT 4643

Kerma capture (mt102) 46-Pd-108
Cross Section -99.97 To 9999. %

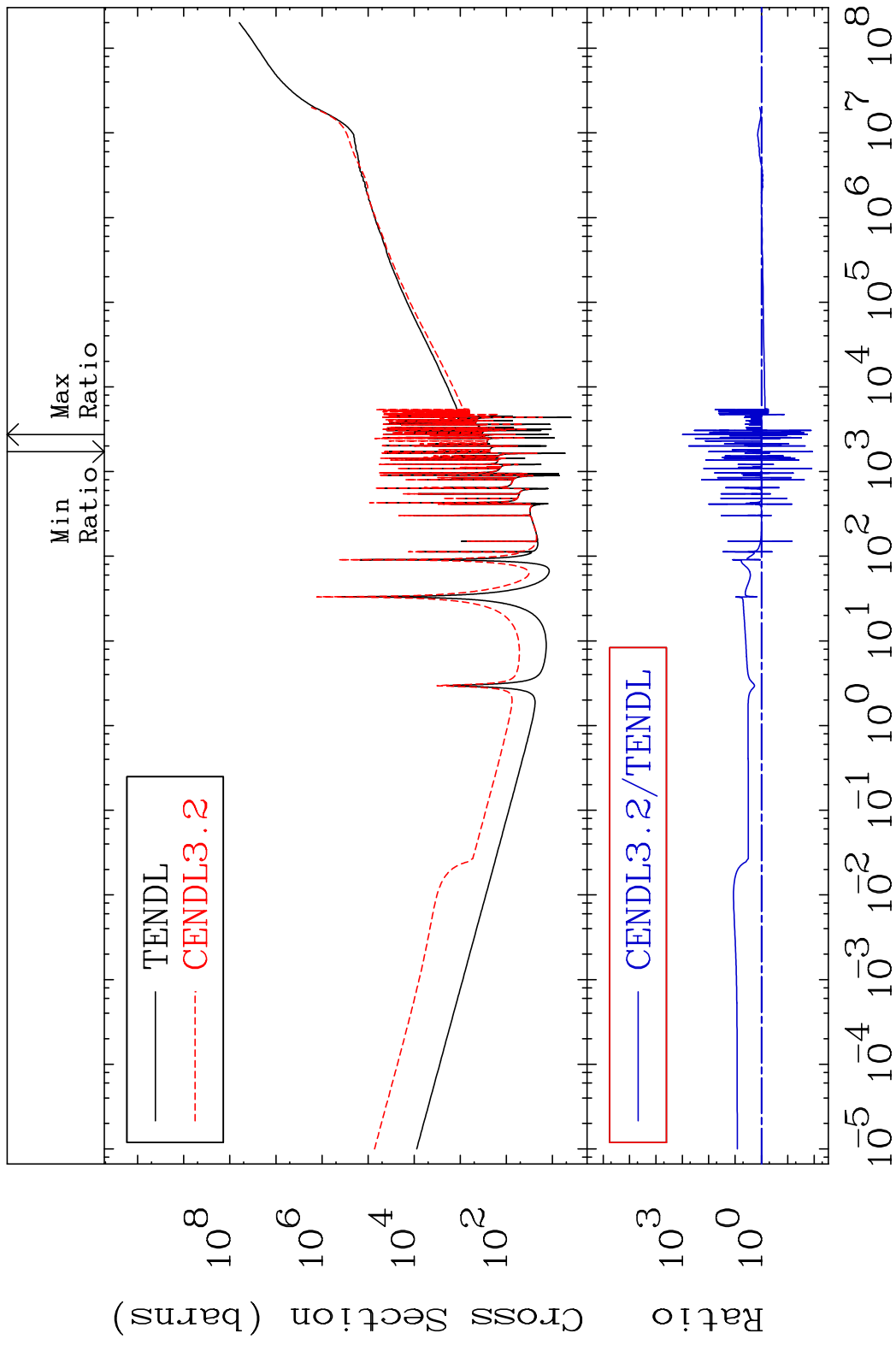


MAT 4643 Total photon (eV-barns) 46-Pd-108
Cross Section -99.99 To 9999. %

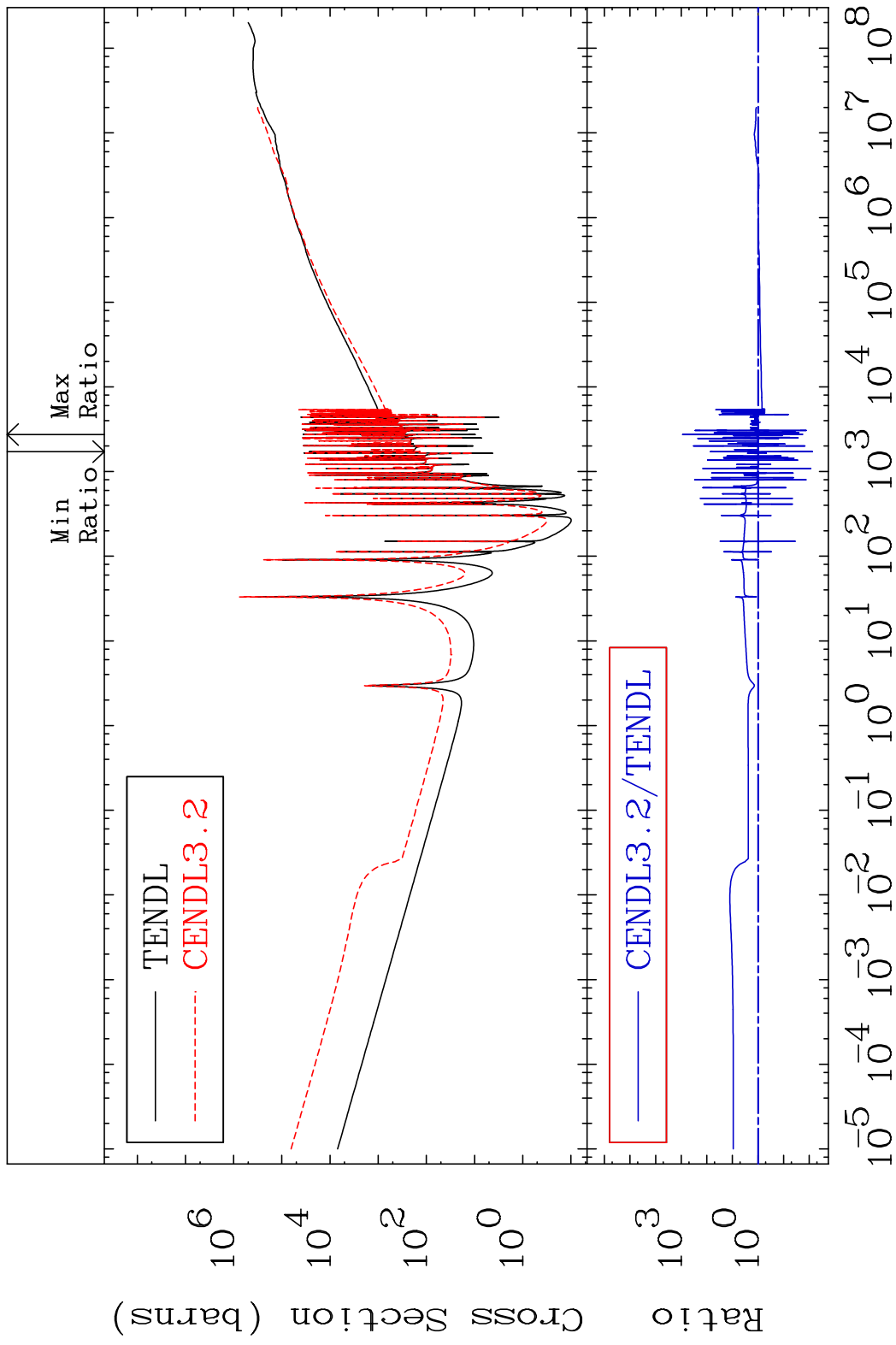


37 Incident Energy (eV) 46-Pd-108

MAT 4643 Total kinematic kerma (high limit) 46-Pd-108
 Cross Section -98.85 To 9999. %



MAT 4643 Dpa total (eV-barns) 46-Pd-108
 Cross Section -99.26 To 9999. %



39 Incident Energy (eV) 46-Pd-108

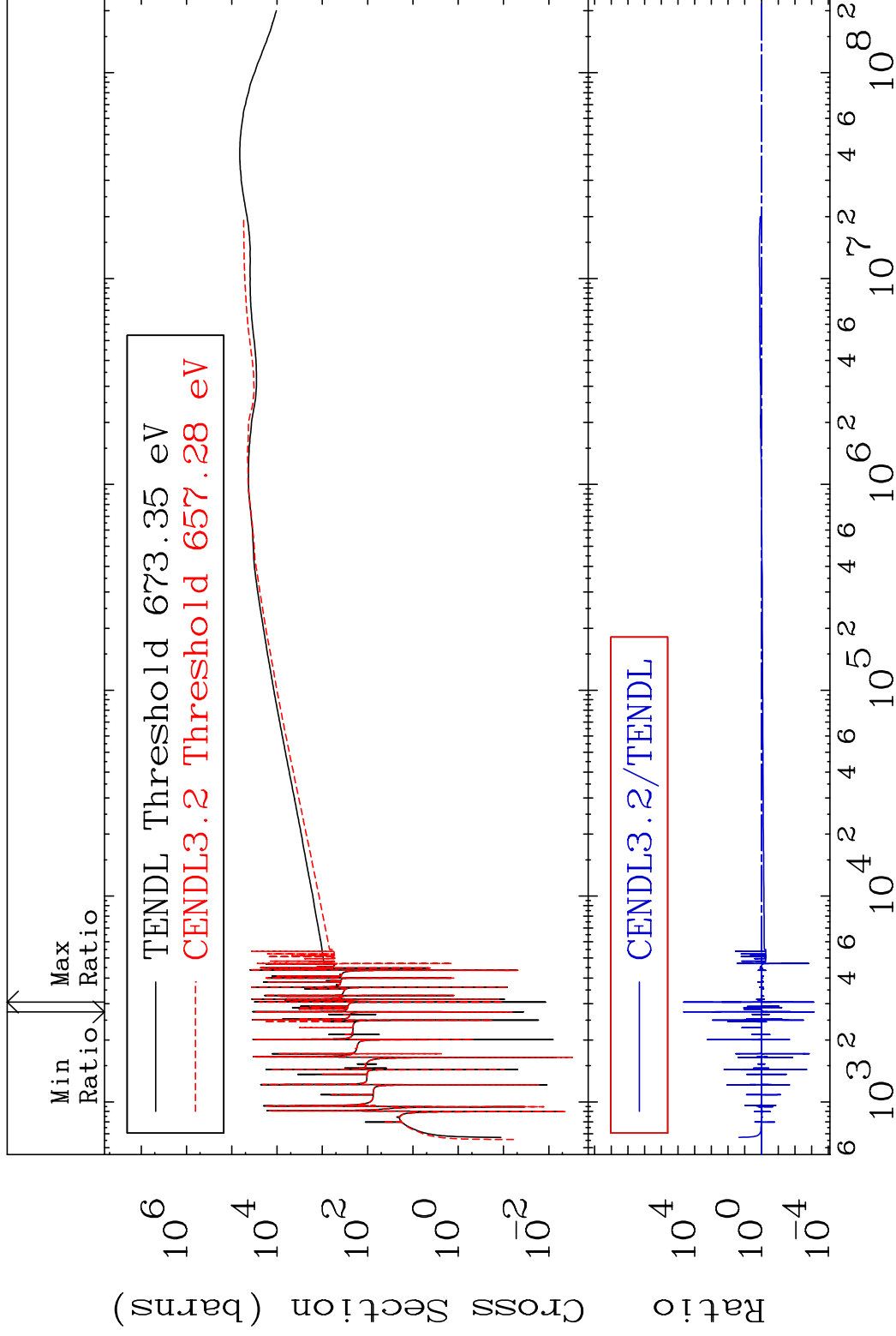
MAT 4643

Dpa elastic (mt2)

46-Pd-108

Cross Section

-99.93 To 9999. %

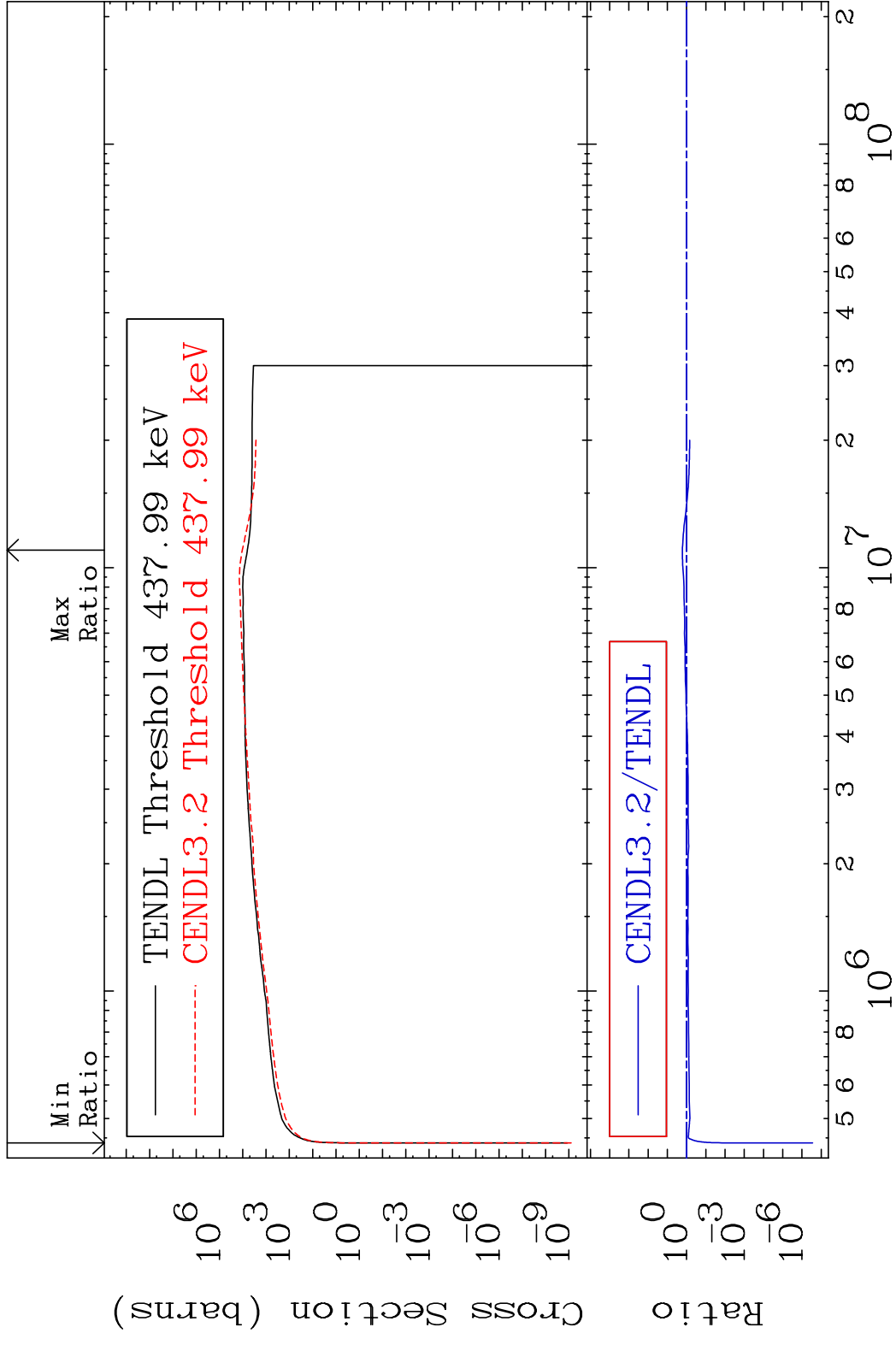


40

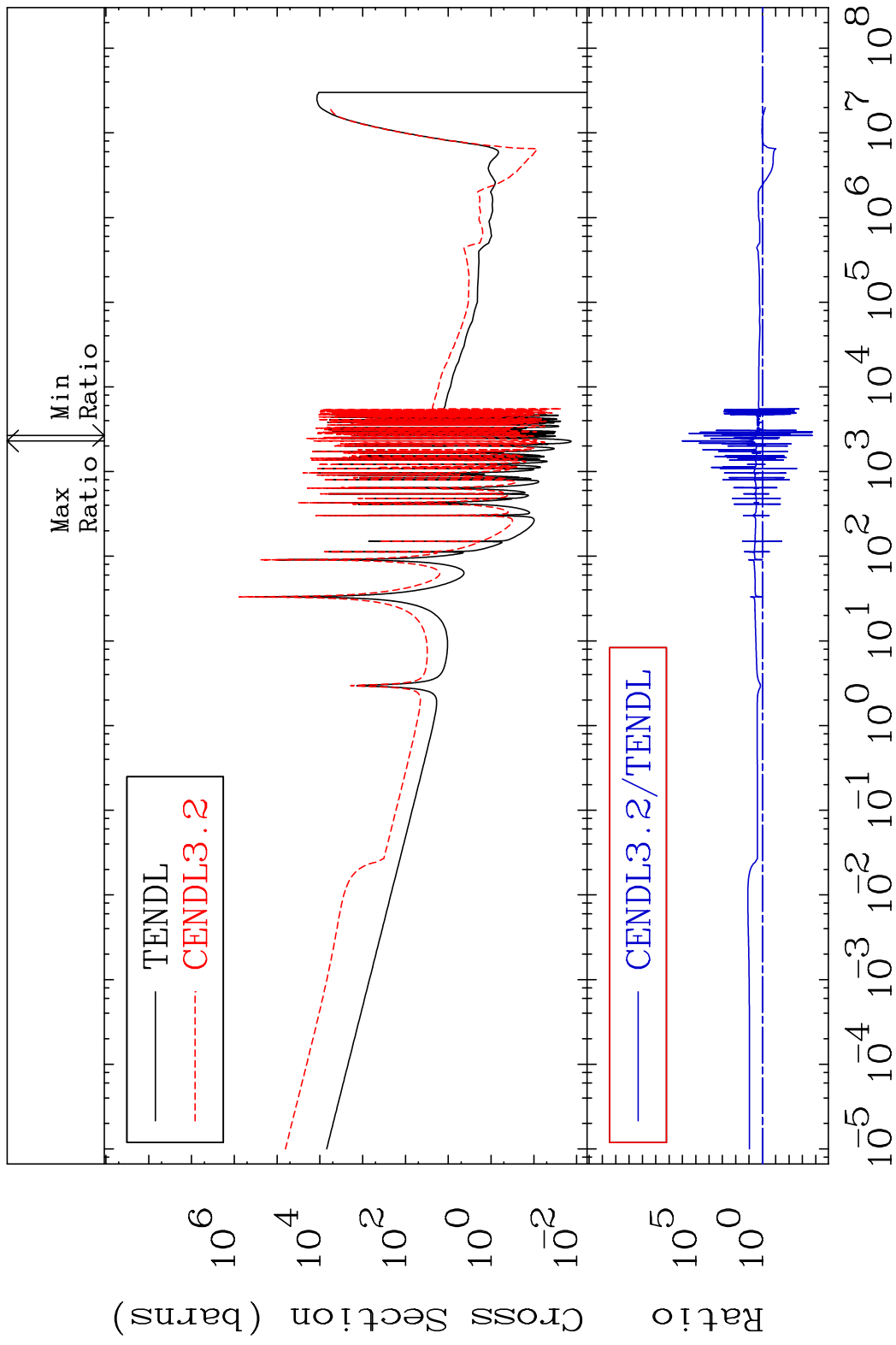
Incident Energy (eV)

46-Pd-108

MAT 4643 Dpa inelastic (mt51-91) 46-Pd-108
 Cross Section -100.0 To 65.93 %



MAT 4643 Dpa disappearance (mt102 -120) 46-Pd-108
 Cross Section -99.98 To 9999. %

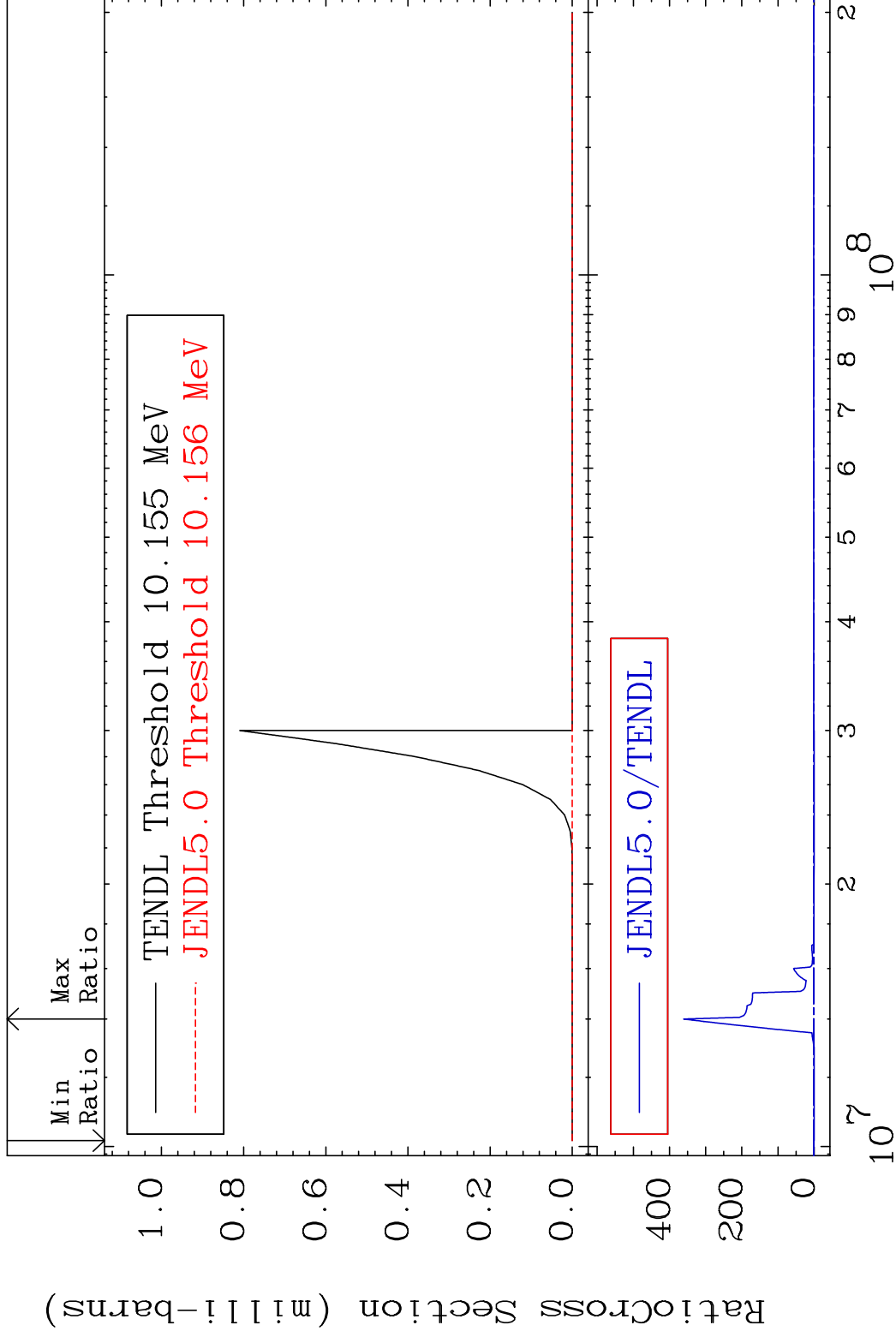


MAT 4643

(n, He-3)

46-Pd-108

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

46-Pd-108

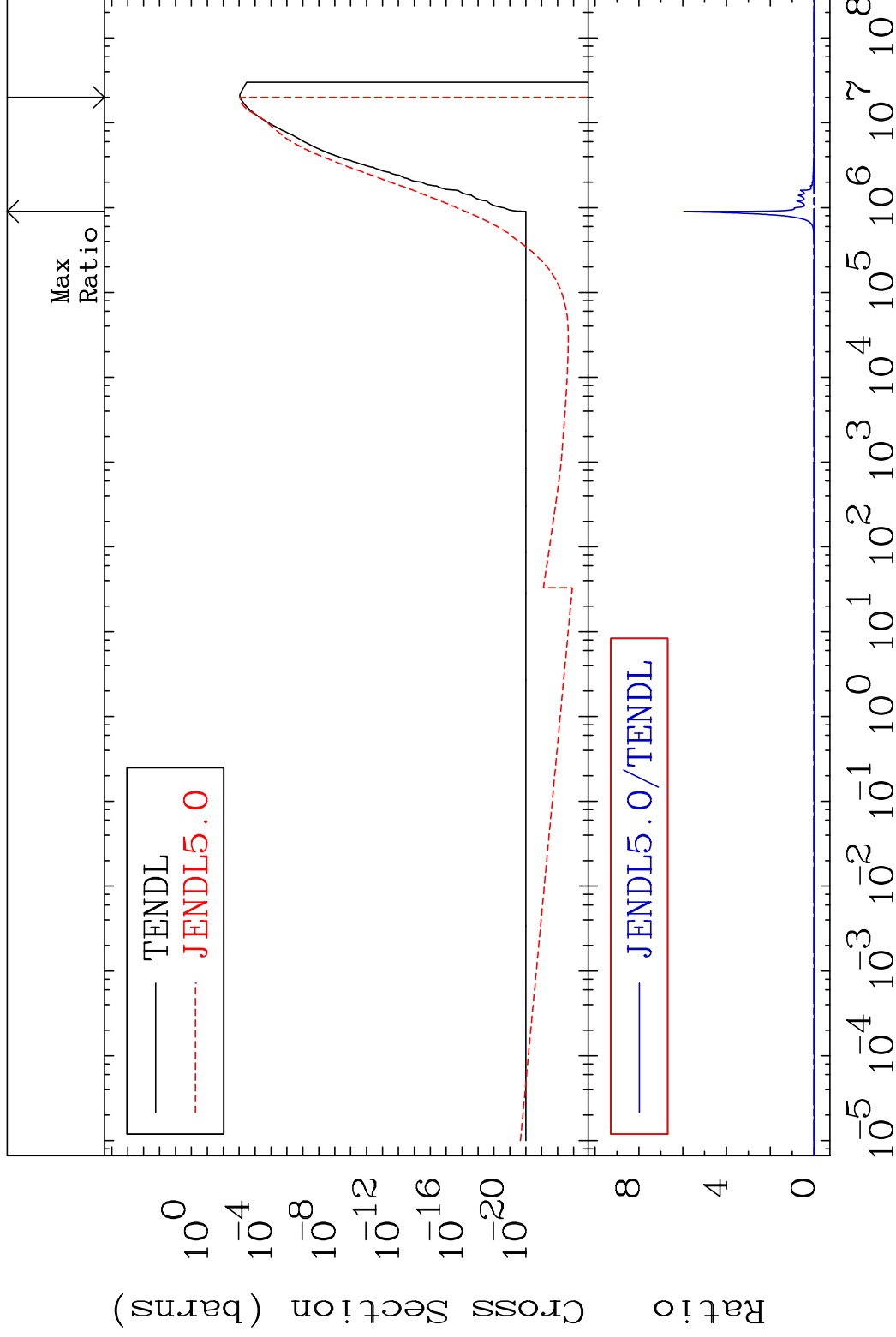
MAT 4643

(n, α)

46-Pd-108

Cross Section

-100.0 To 9999. %

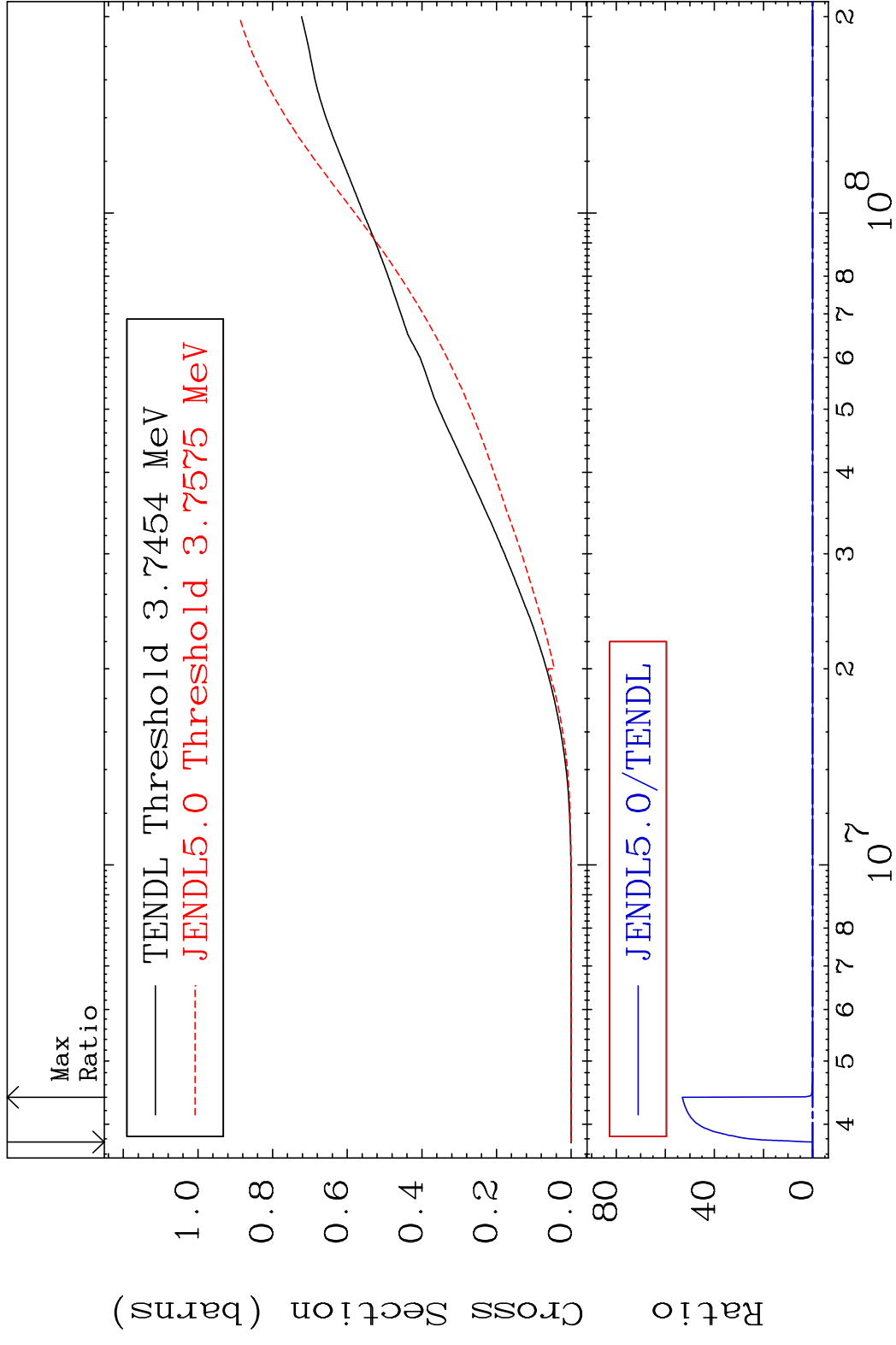


44

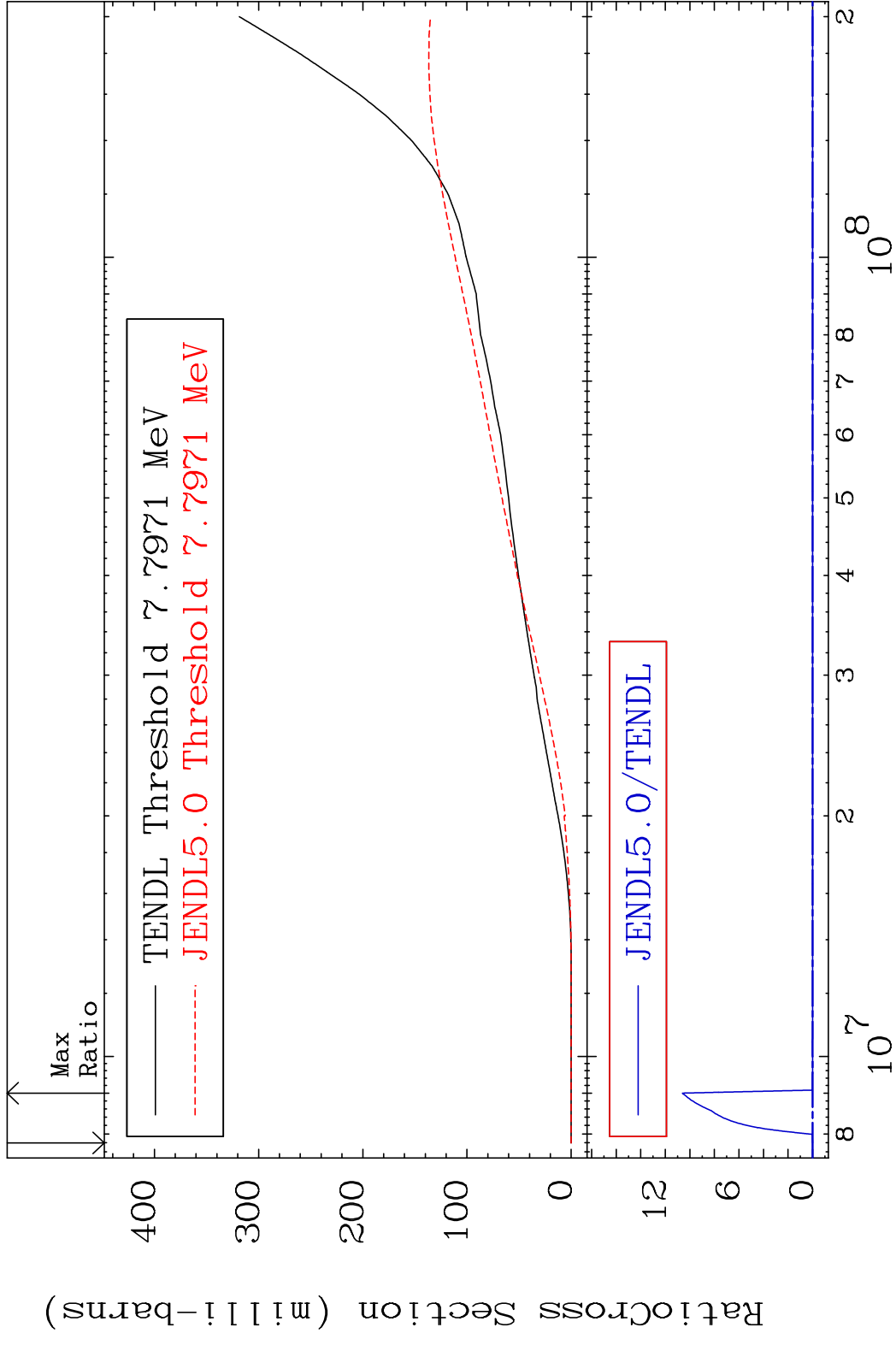
Incident Energy (eV)

46-Pd-108

MAT 4643 Hydrogen Production 46-Pd-108
 Cross Section -100.0 To 9999. %

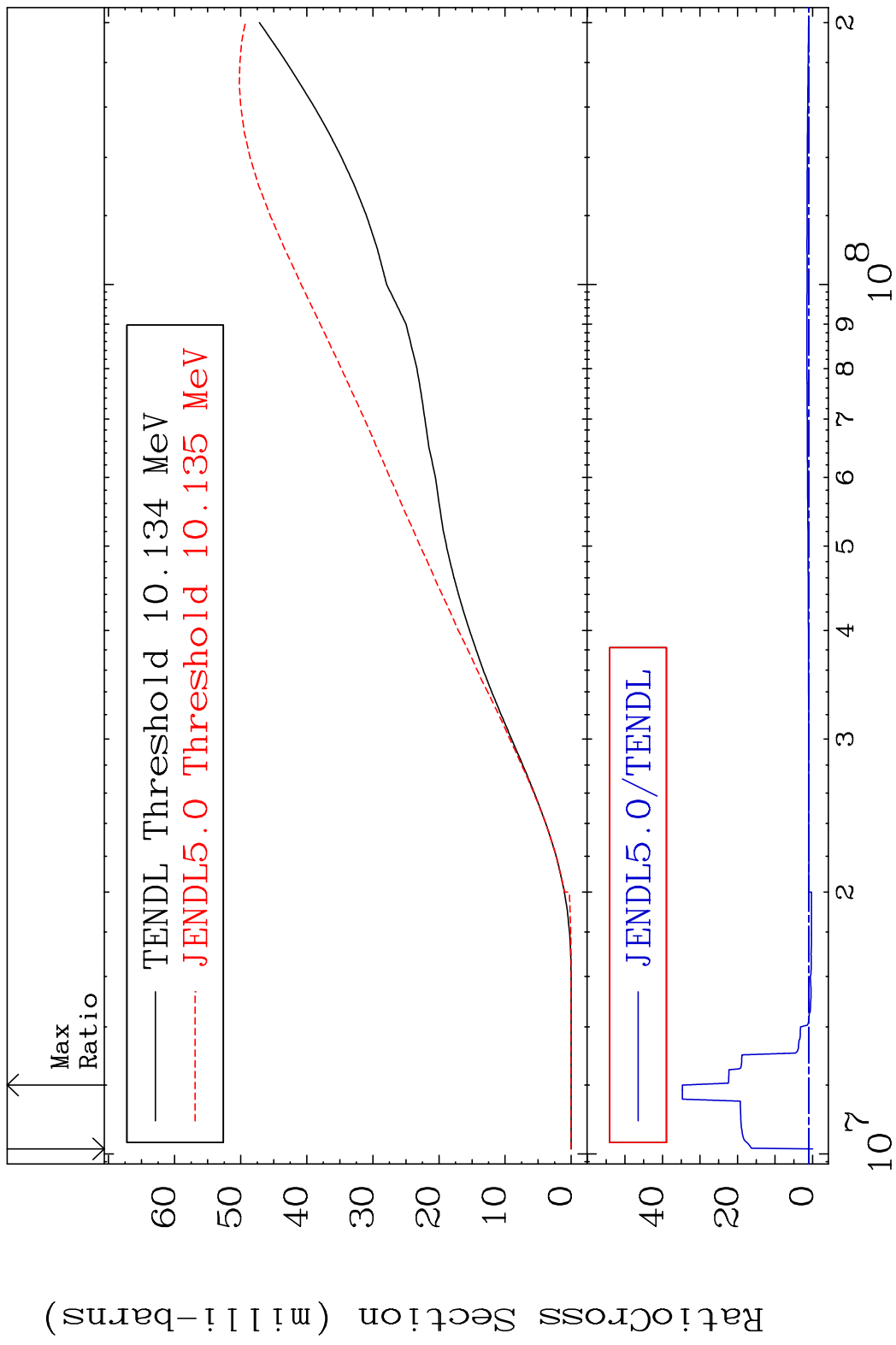


MAT 4643 Deuterium Production 46-Pd-108
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 46-Pd-108

MAT 4643 Tritium Production 46-Pd-108
 Cross Section -100.0 To 3370. %



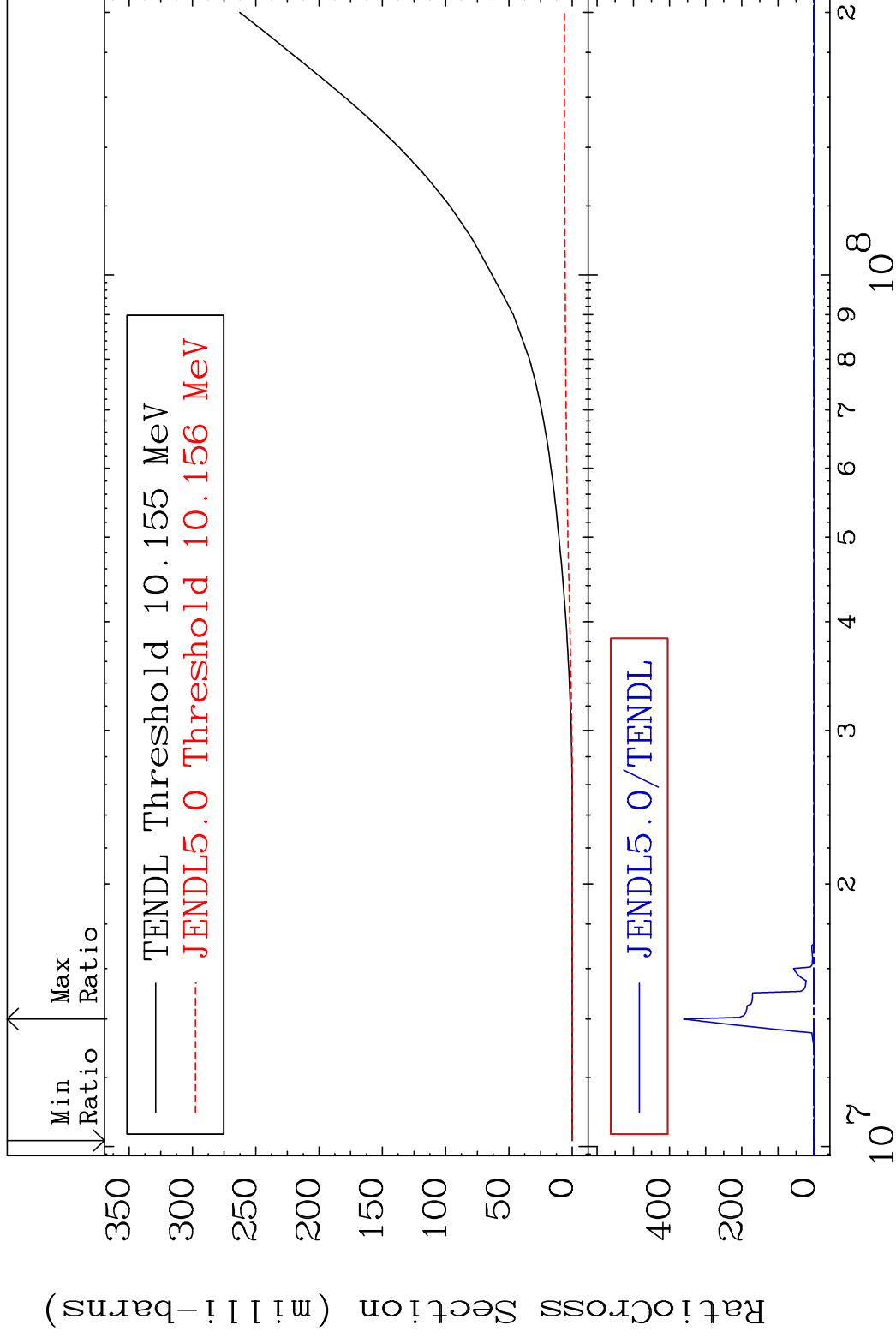
47 46-Pd-108

MAT 4643

He-3 Production

46-Pd-108

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

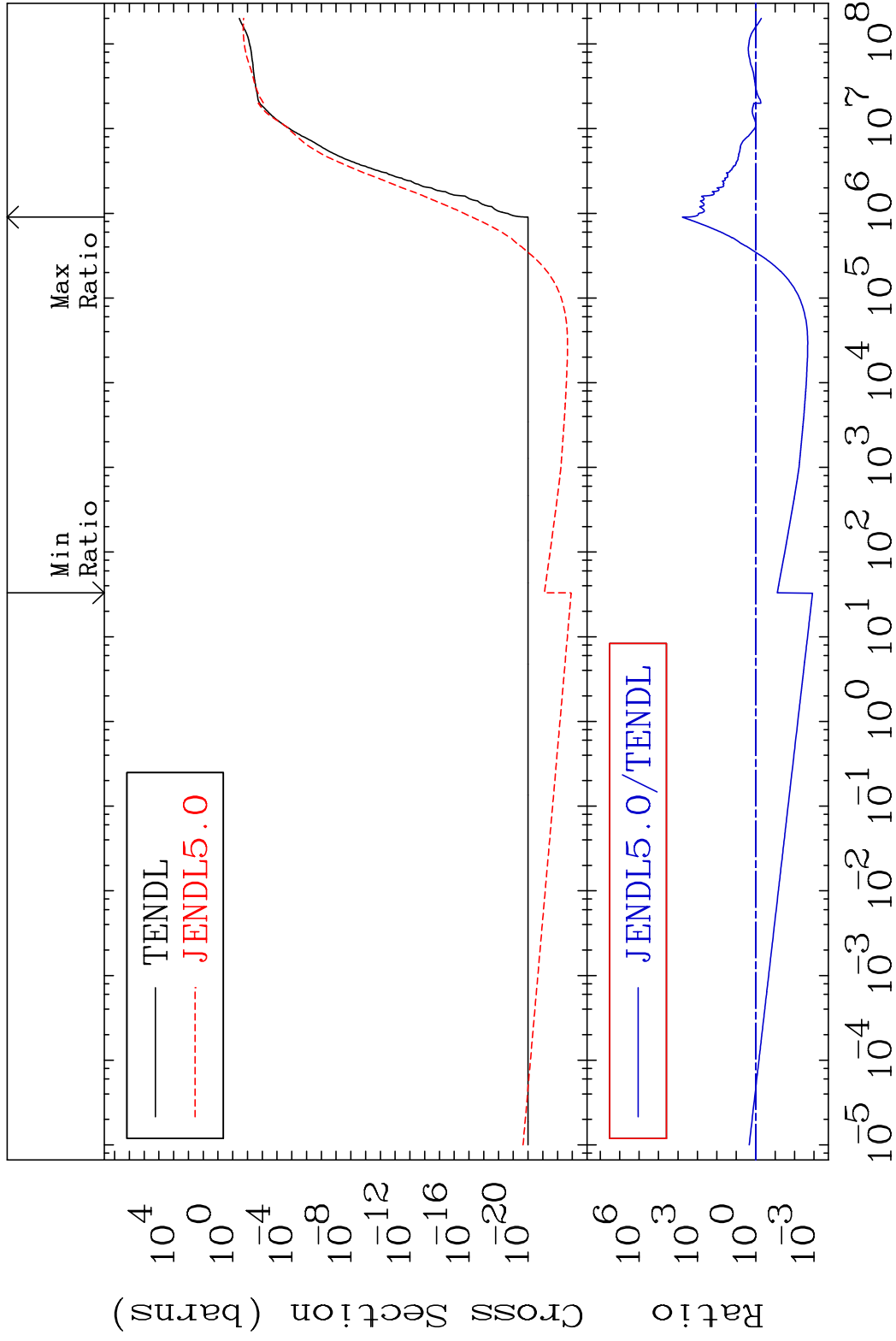
46-Pd-108

MAT 4643

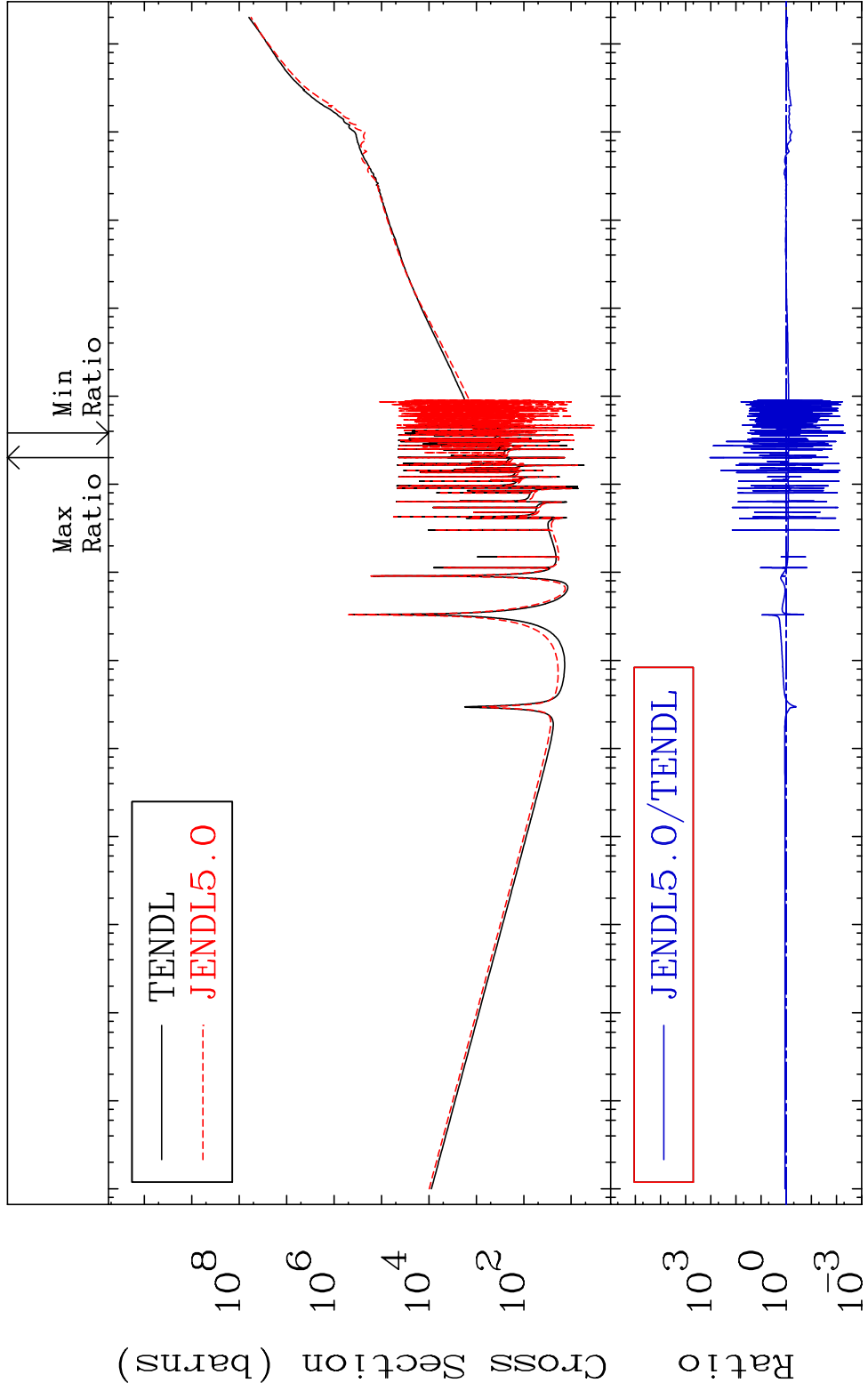
He-4 Production

46-Pd-108

Cross Section -99.88 To 9999. %



MAT 4643 Kerma total (eV-barns) 46-Pd-108
 Cross Section -99.55 To 9999. %

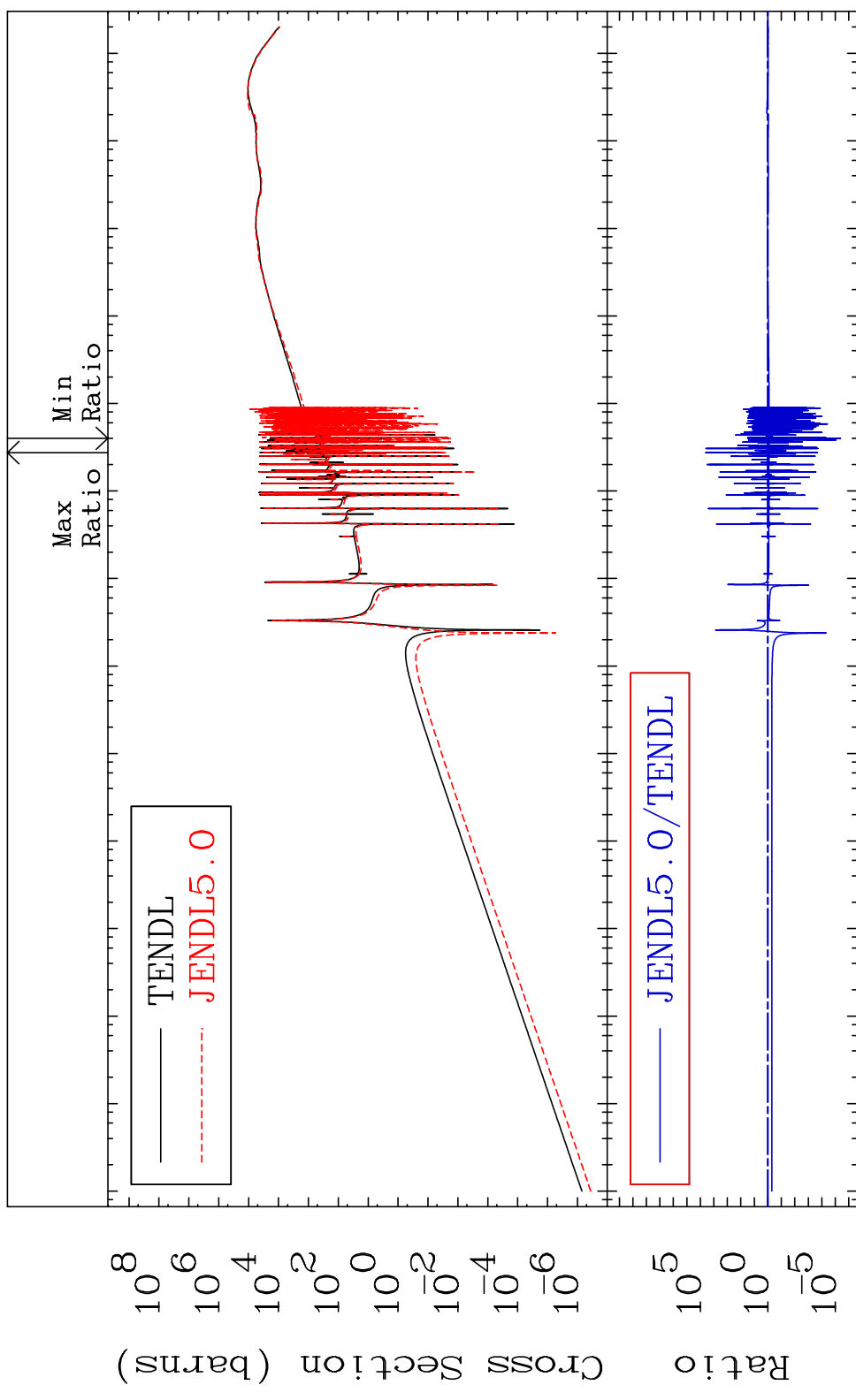


50 Incident Energy (eV) 46-Pd-108

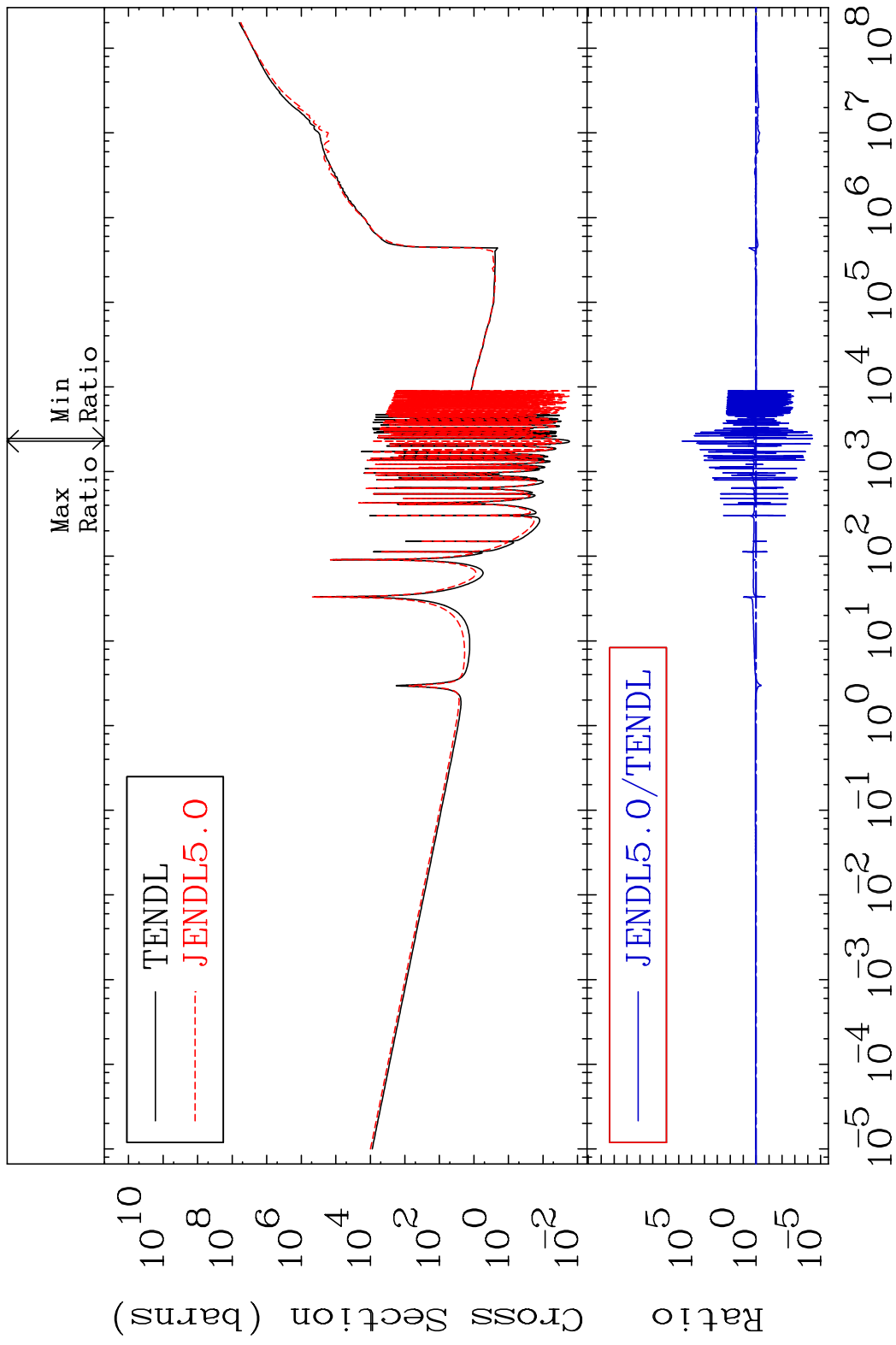
MAT 4643

Kerma elastic
Cross Section -100.0 To 9999. %

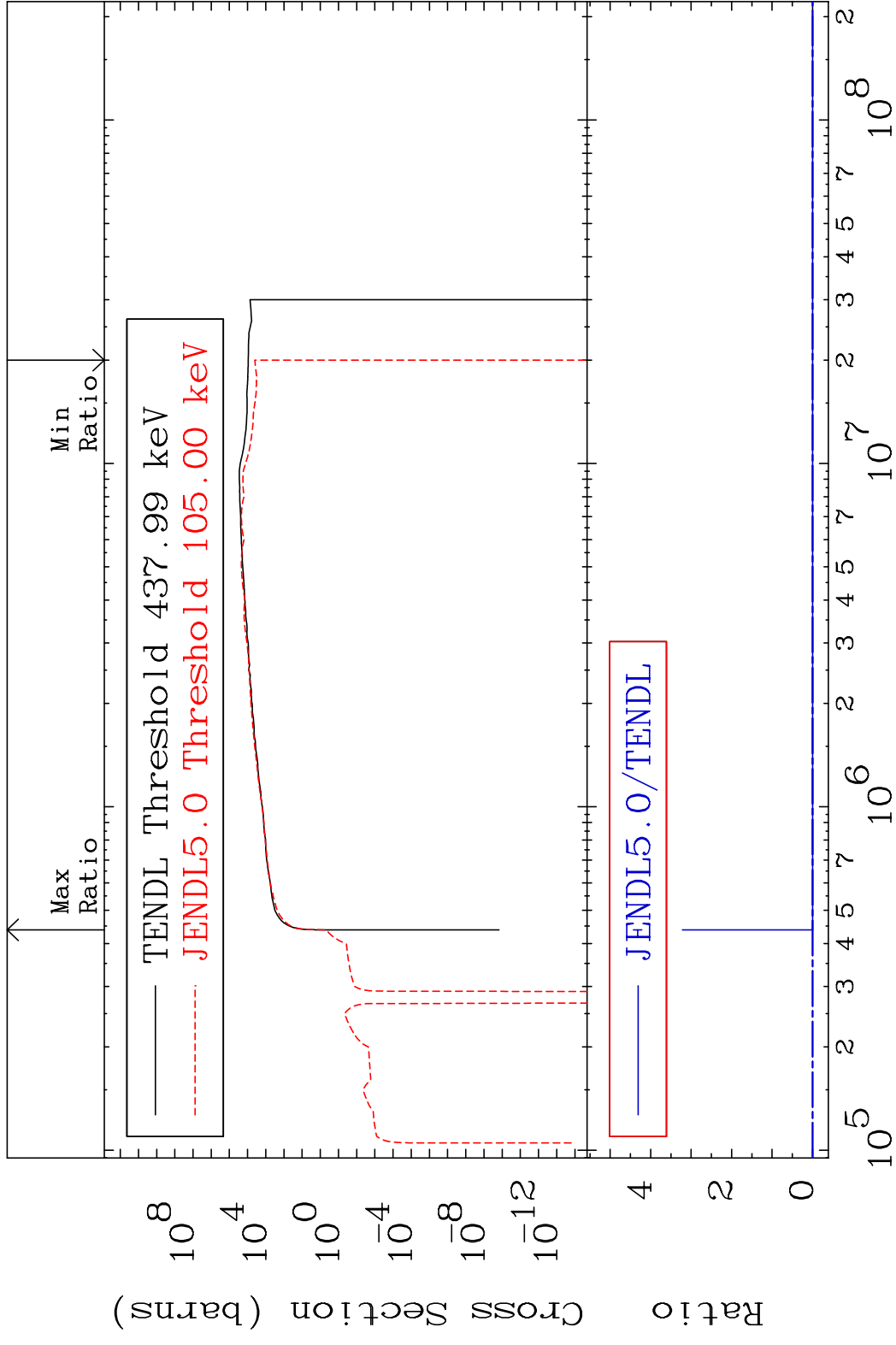
46-Pd-108



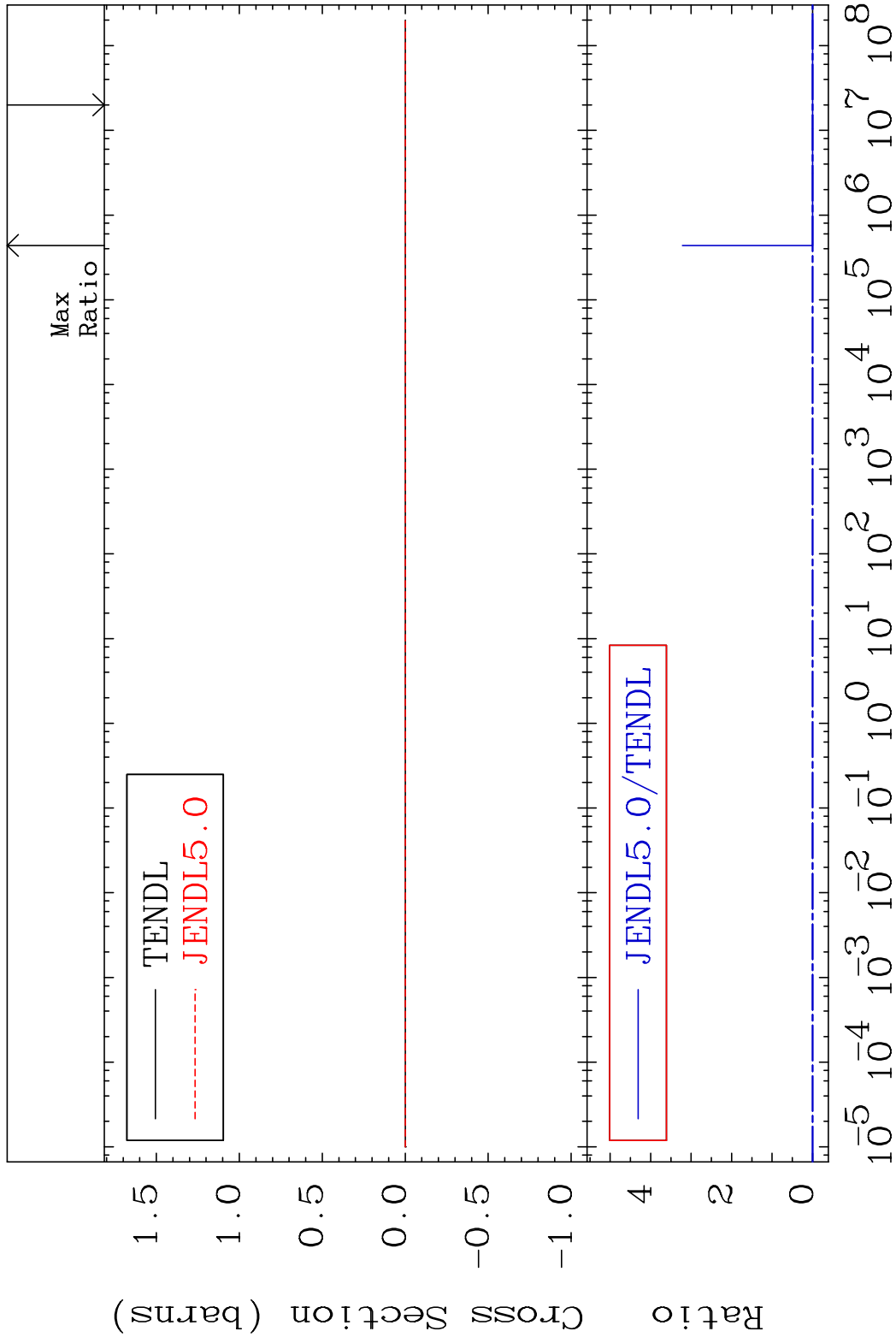
MAT 4643 Kerma non-elastic (all but mt2) 46-Pd-108
 Cross Section -100.0 To 9999. %



MAT 4643 Kerma inelastic (mt51-91) 46-Pd-108
 Cross Section -100.0 To 9999. %

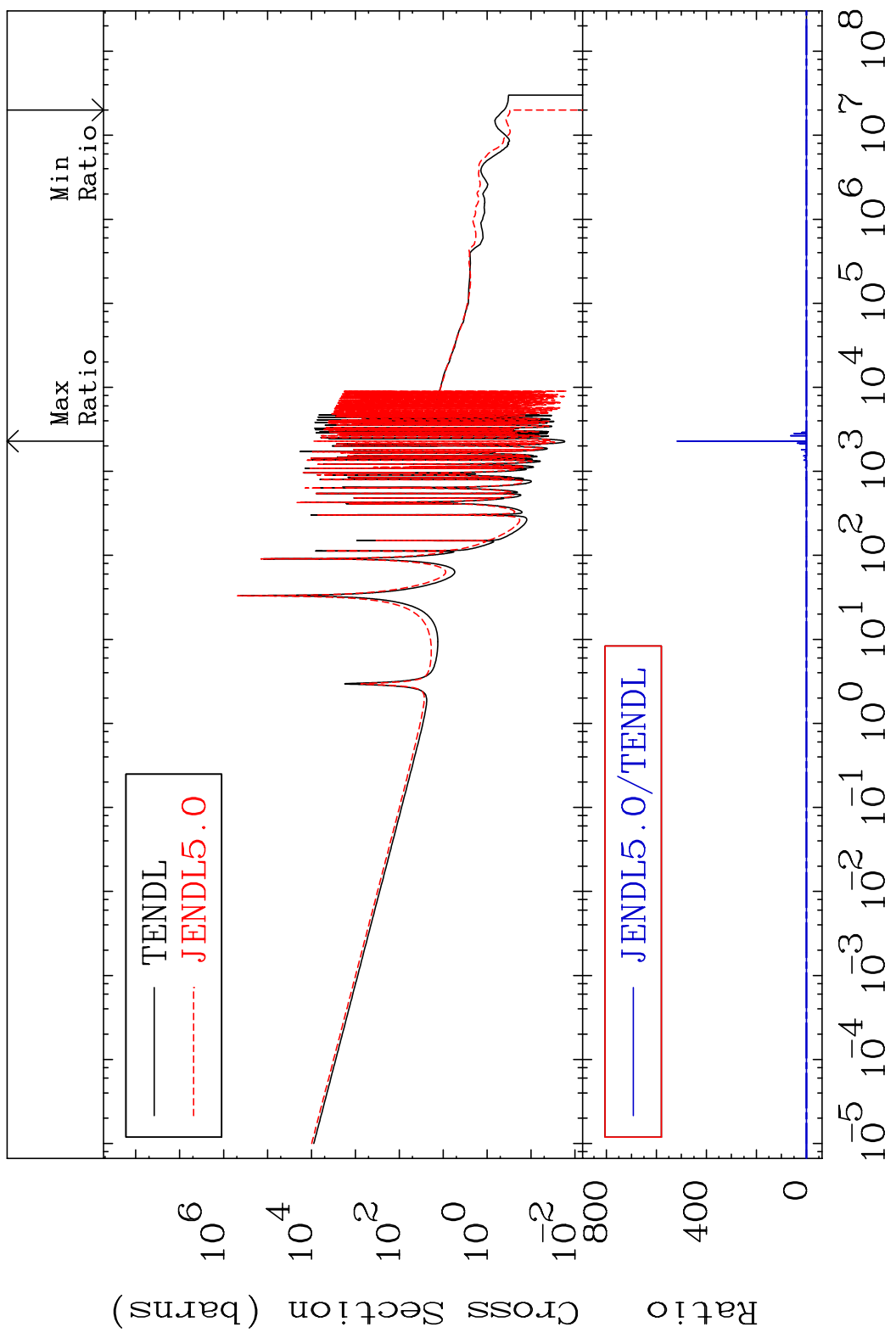


MAT 4643 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-108
 Cross Section -100.0 To 9999. %



MAT 4643

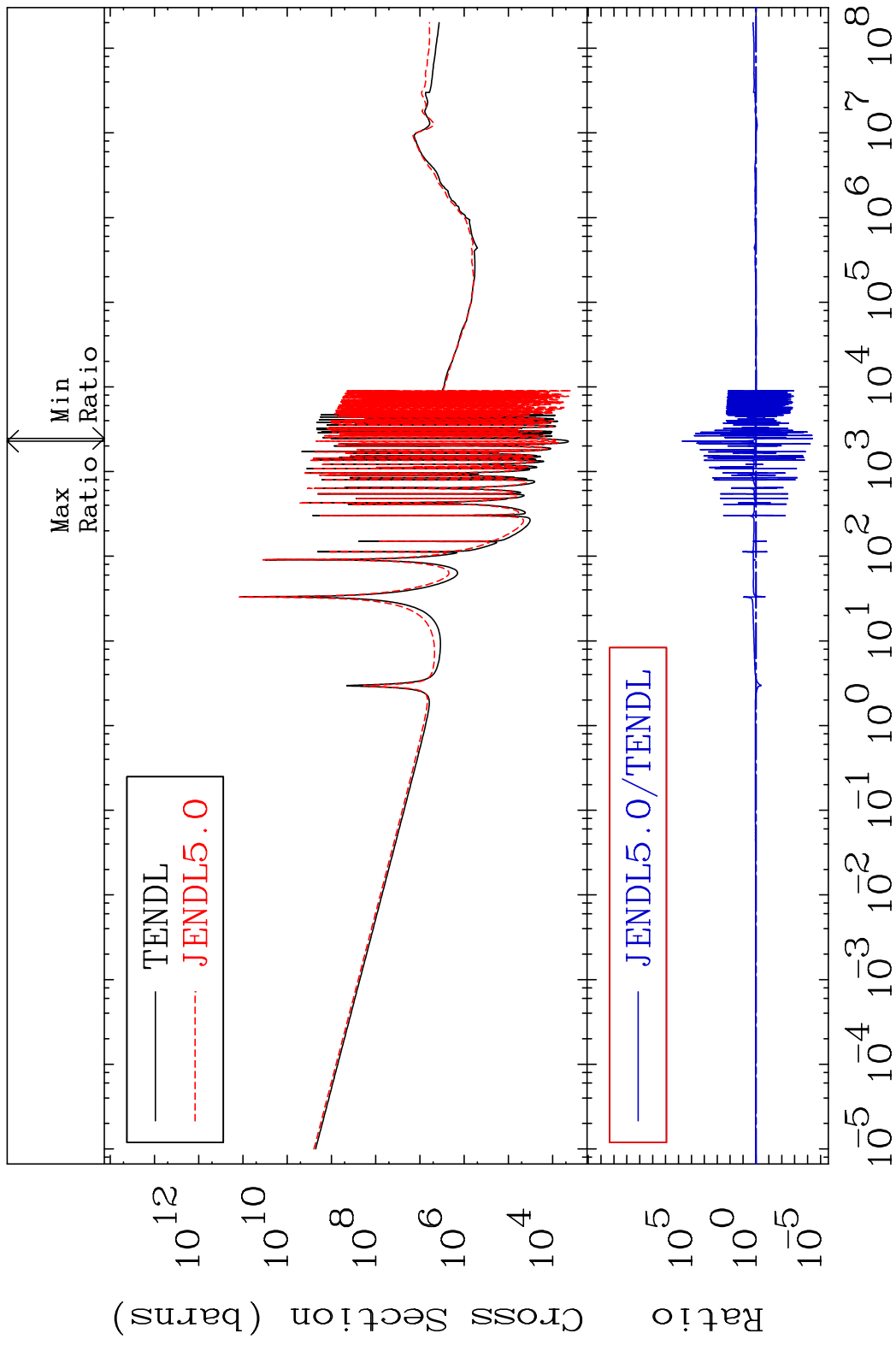
Kerma capture (mt102) 46-Pd-108
Cross Section -100.0 To 9999. %



55

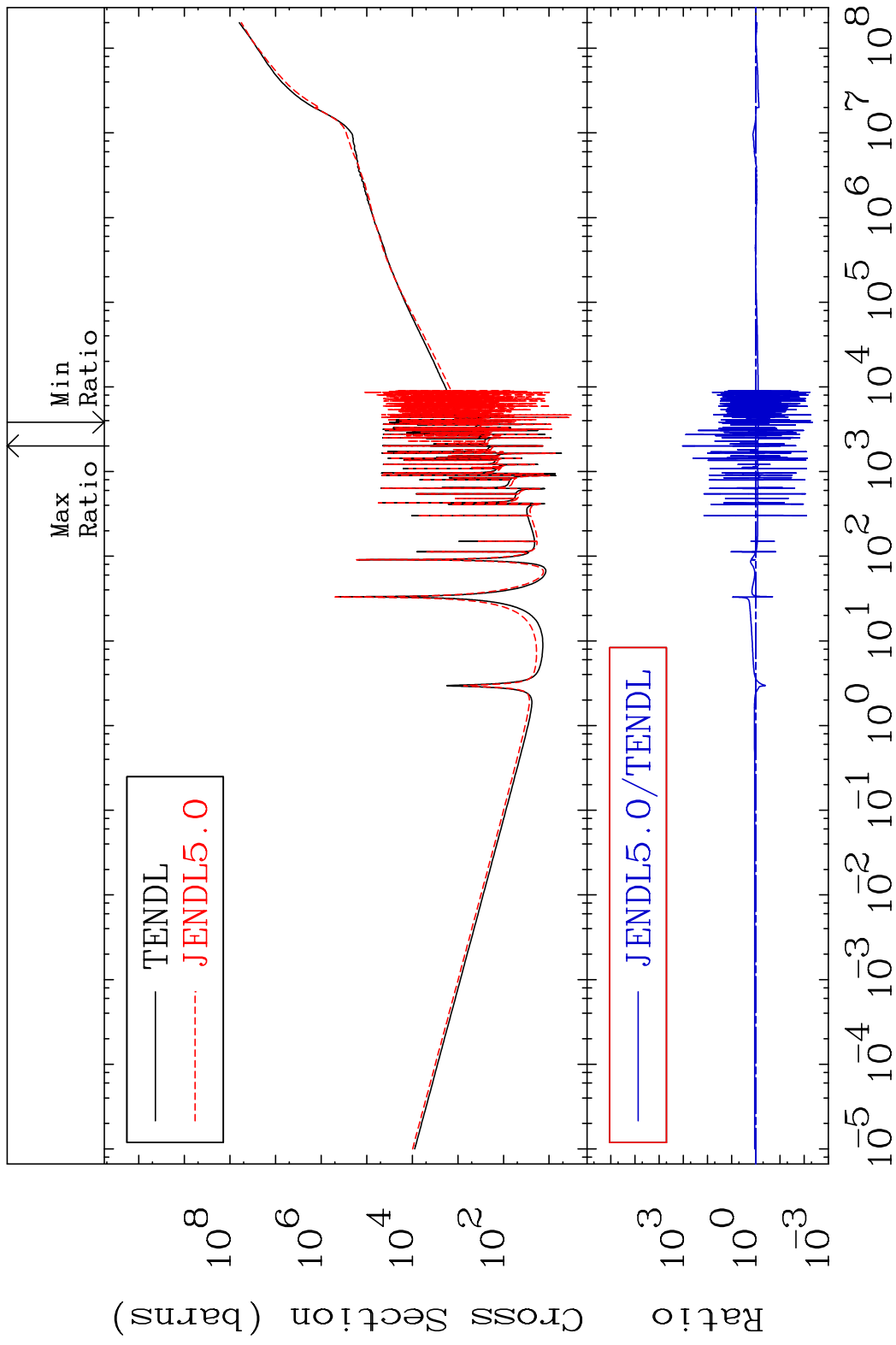
Incident Energy (eV) 46-Pd-108

MAT 4643 Total photon (eV-barns) 46-Pd-108
 Cross Section -100.0 To 9999. %

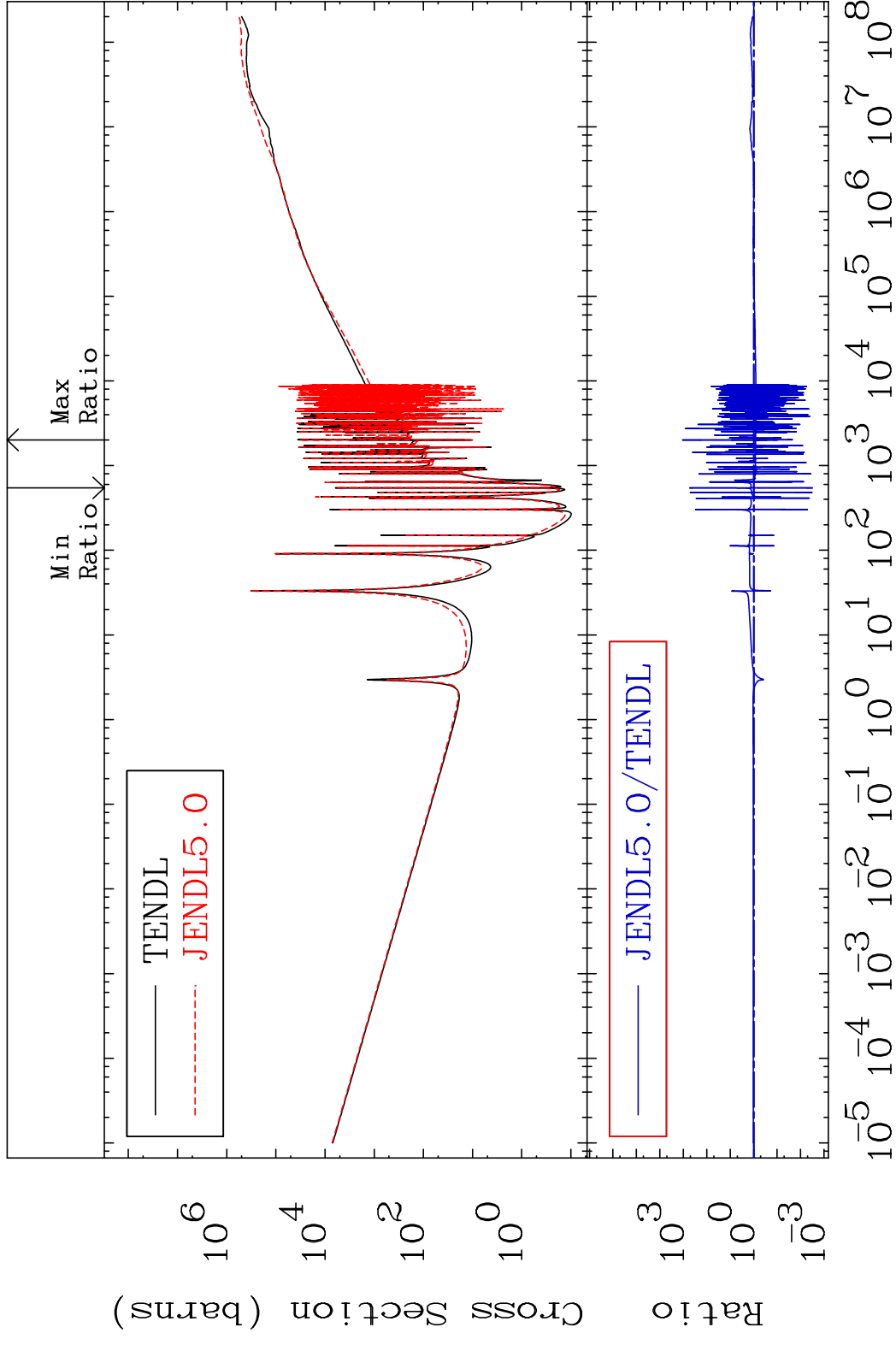


56 Incident Energy (eV) 46-Pd-108

MAT 4643 Total kinematic kerma (high limit) 46-Pd-108
 Cross Section -99.55 To 9999. %



MAT 4643 Dpa total (eV-barns) 46-Pd-108
 Cross Section -99.69 To 9999. %

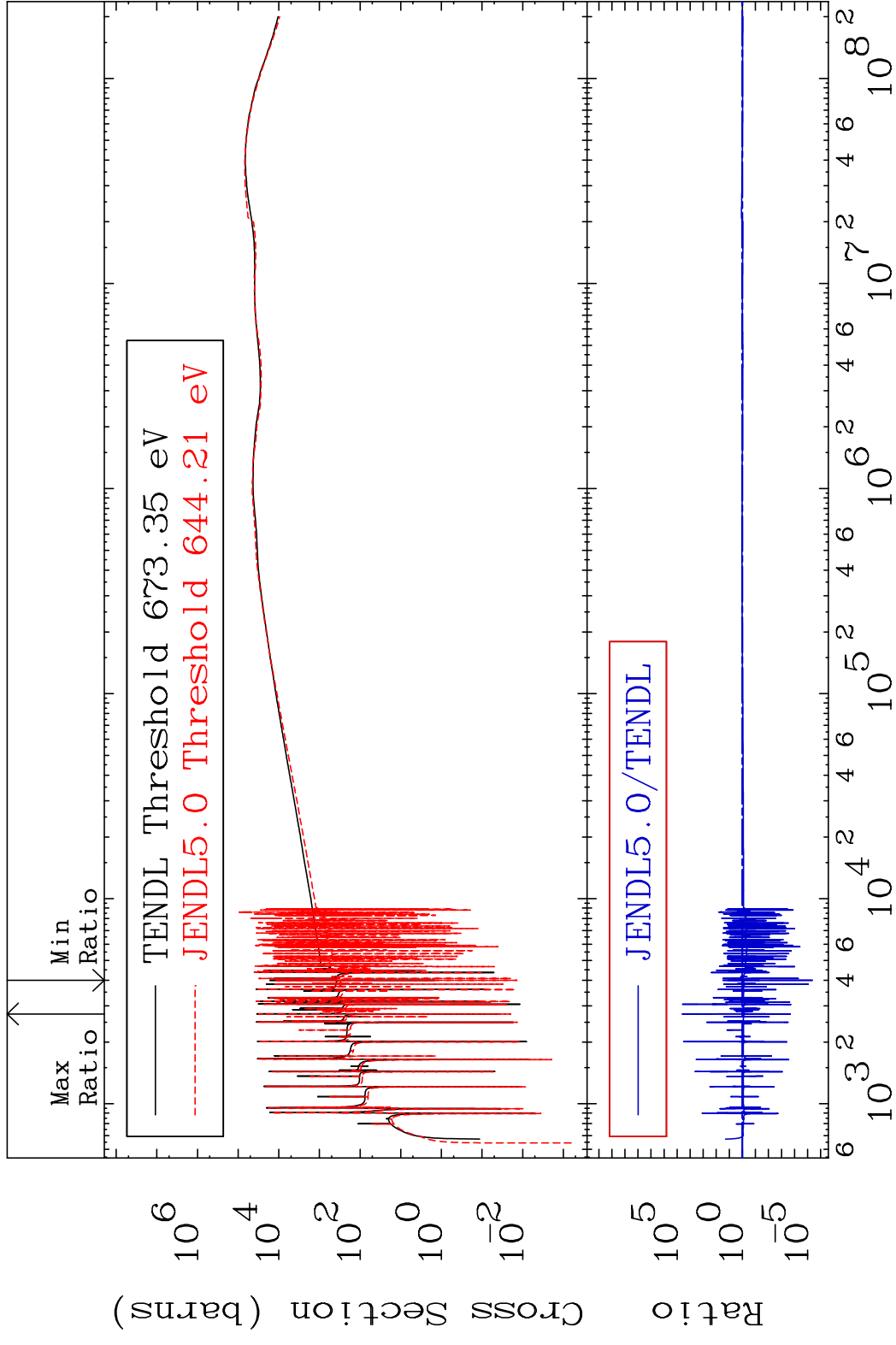


MAT 4643

Dpa elastic (mt2)

46-Pd-108

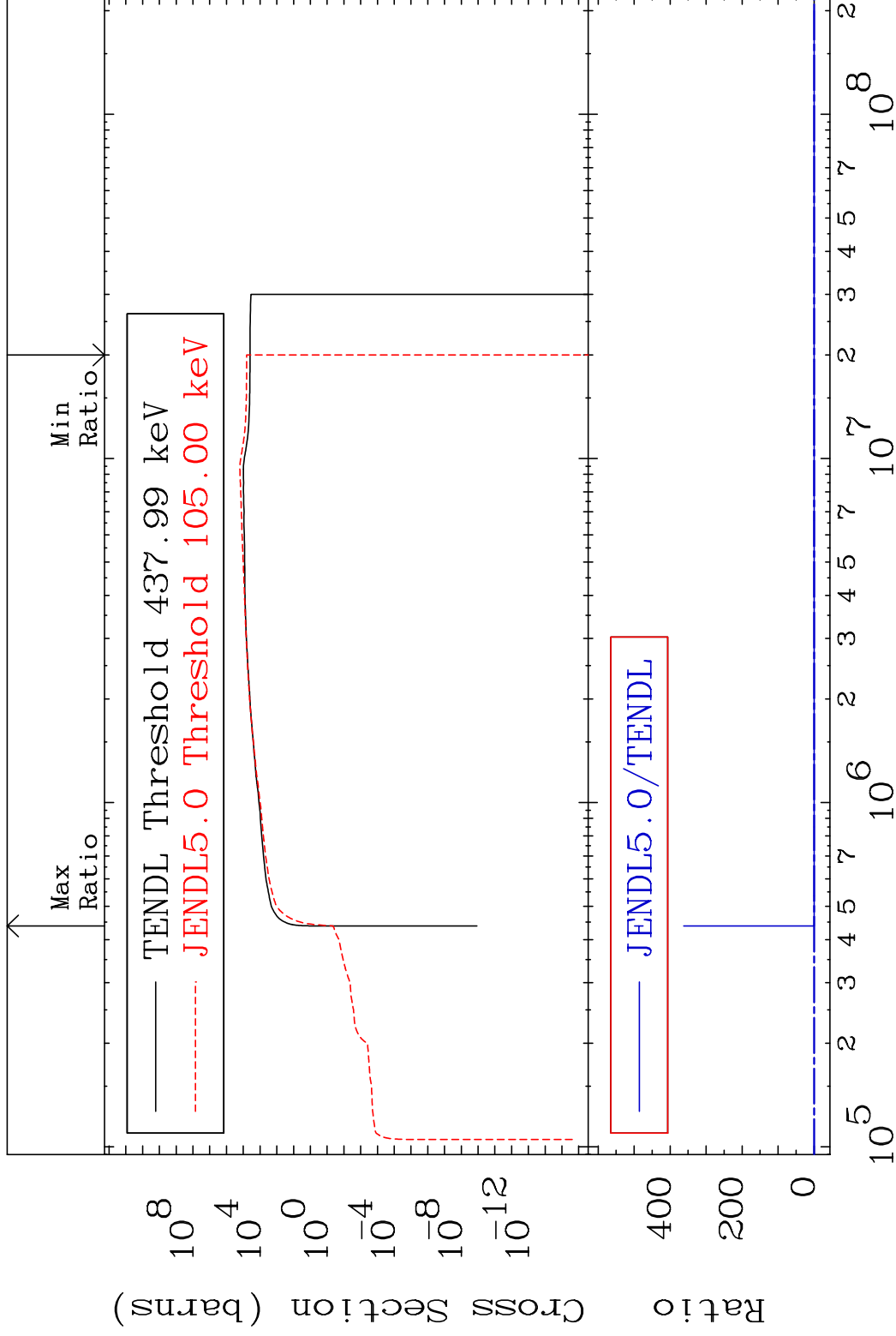
Cross Section -100.0 To 9999. %



MAT 4643

Dpa inelastic (mt51-91) 46-Pd-108

Cross Section -100.0 To 9999. %

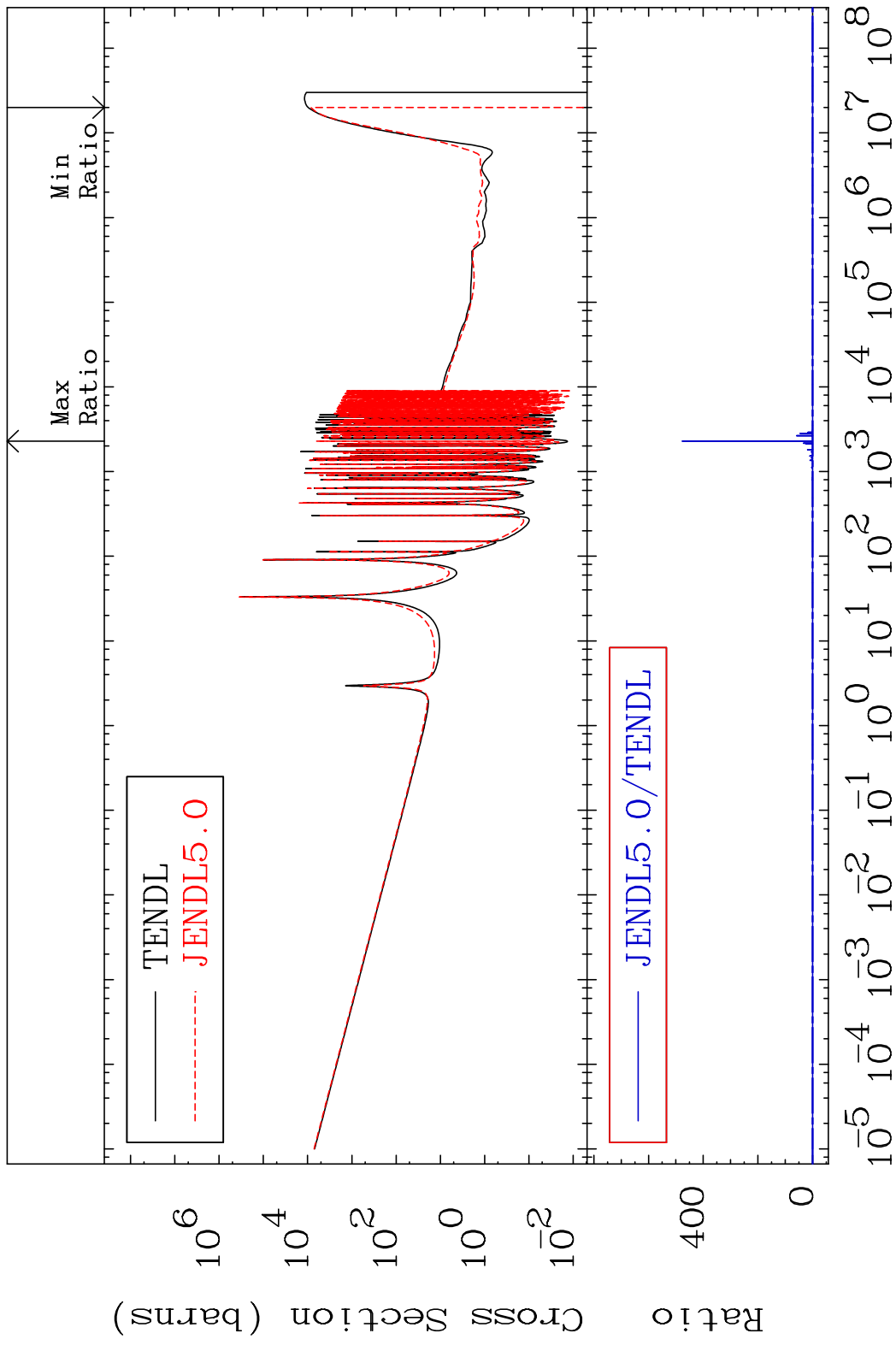


60

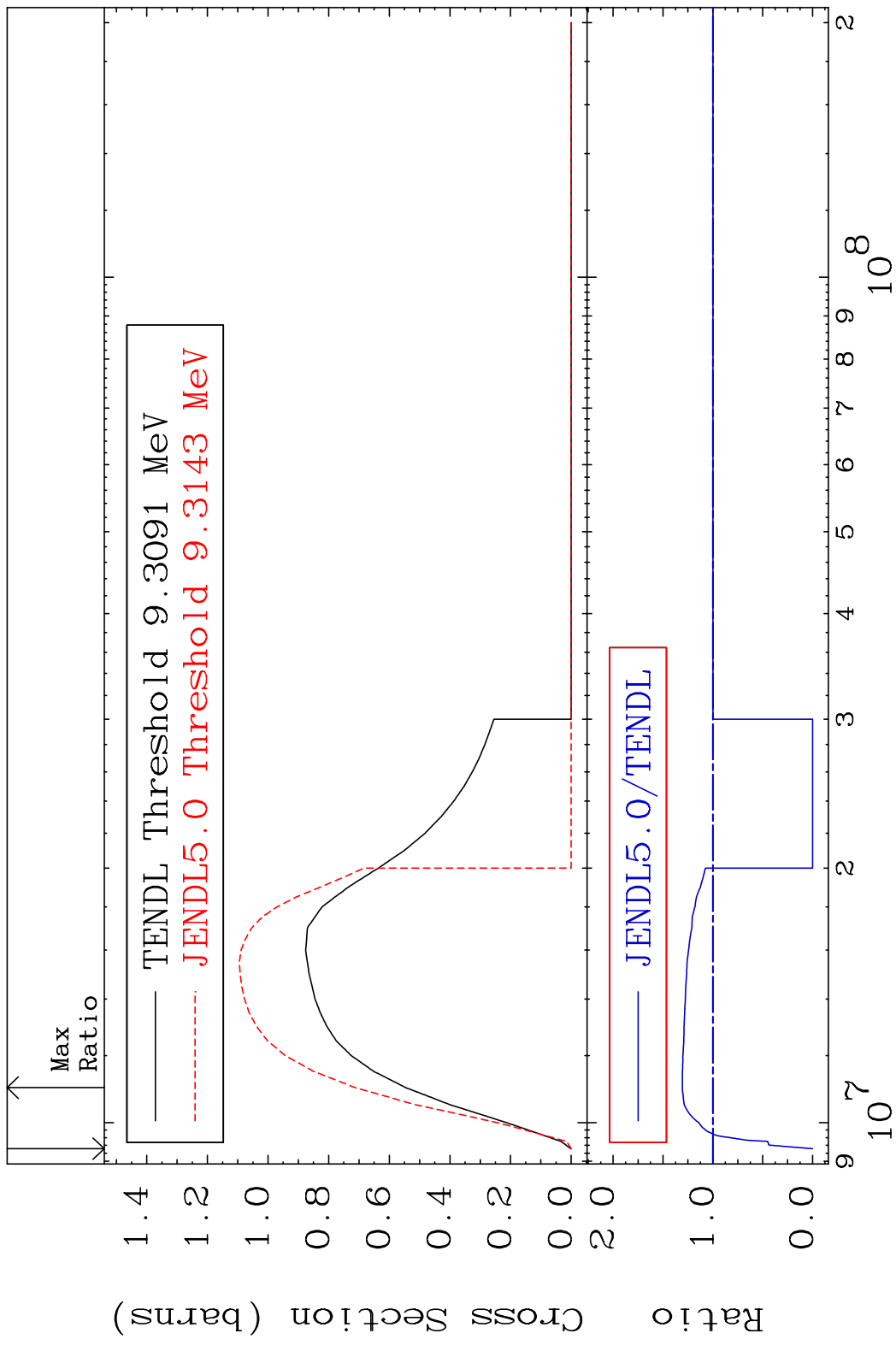
Incident Energy (eV)

46-Pd-108

MAT 4643 Dpa disappearance (mt102 -120) 46-Pd-108
 Cross Section -100.0 To 9999. %

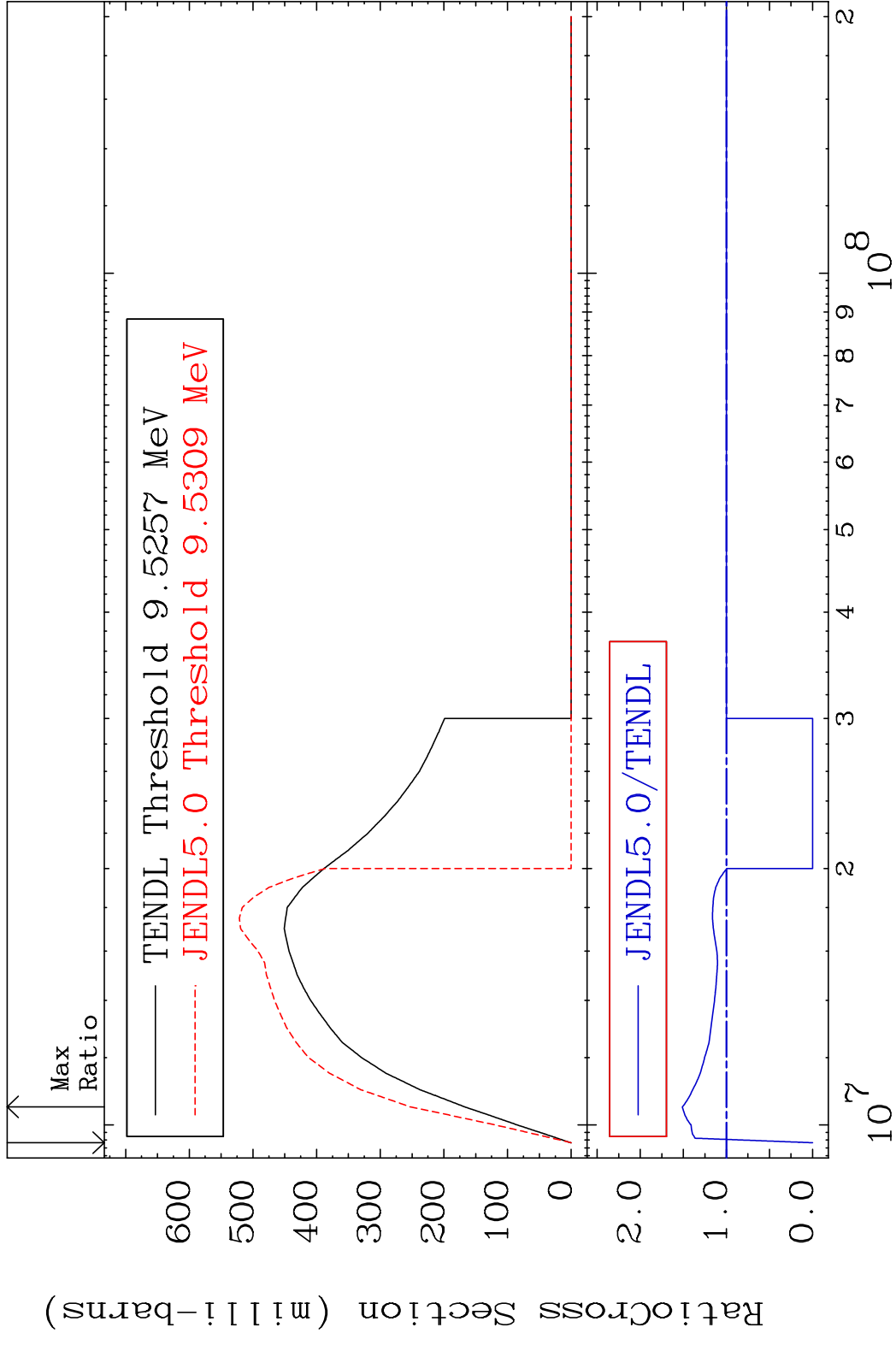


MAT 4643 (n,2n):46-Pd-107g 46-Pd-108
 Radionuclide Production Cross Section 30.58 %



62 Incident Energy (eV) 46-Pd-108

MAT 4643 (n, 2n) : 46-Pd-107m2 46-Pd-108
 Radionuclide Production Cross Section Ratio 51.14 %



63 Incident Energy (eV) 46-Pd-108

MAT 4643 (n,p):45-Rh-108g 46-Pd-108
 Radionuclide Production Cross Section (%)

