

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

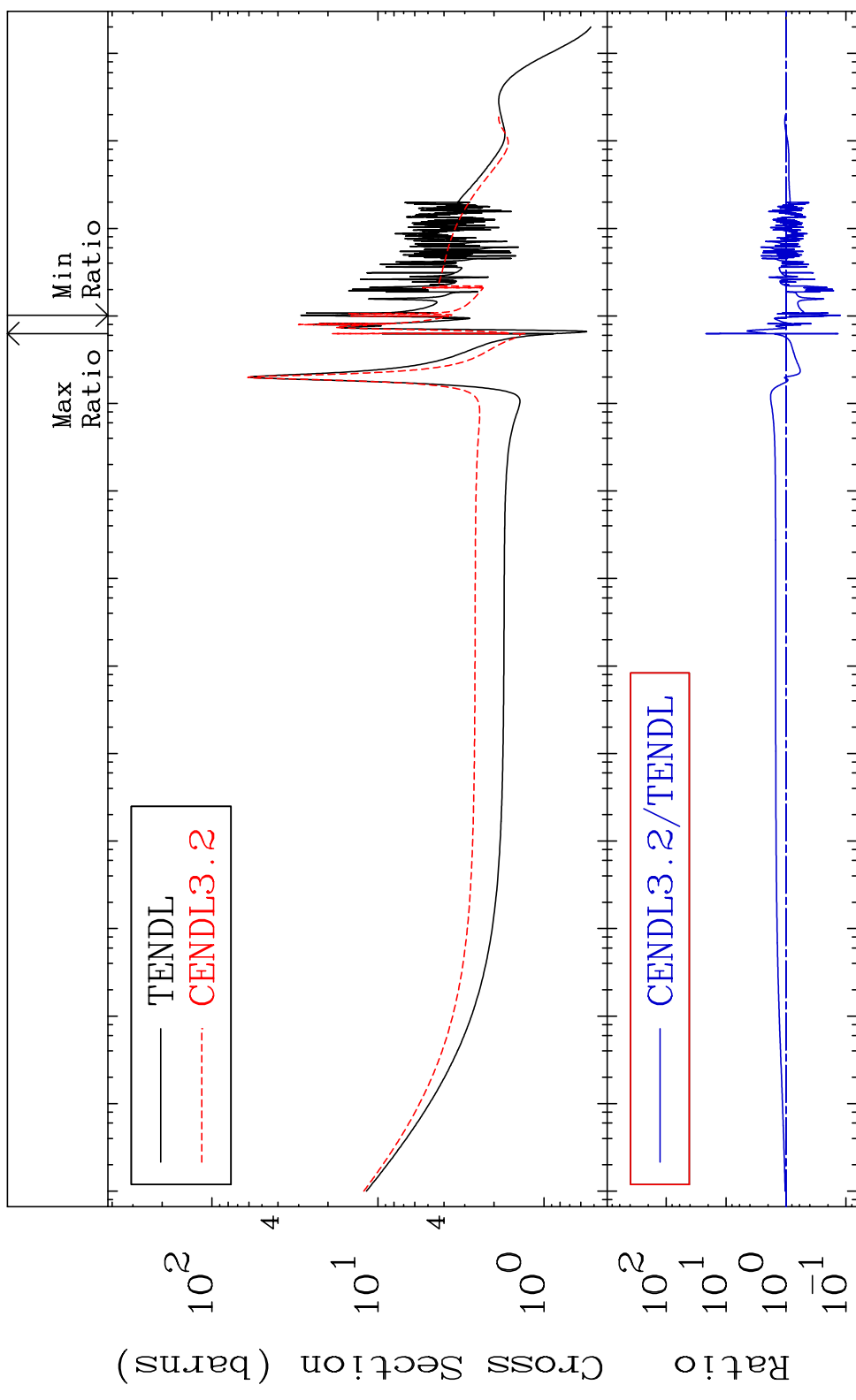
MAT 1228

Total

12-Mg-25

Cross Section

-87.63 To 2088. %



1

Incident Energy (eV)

12-Mg-25

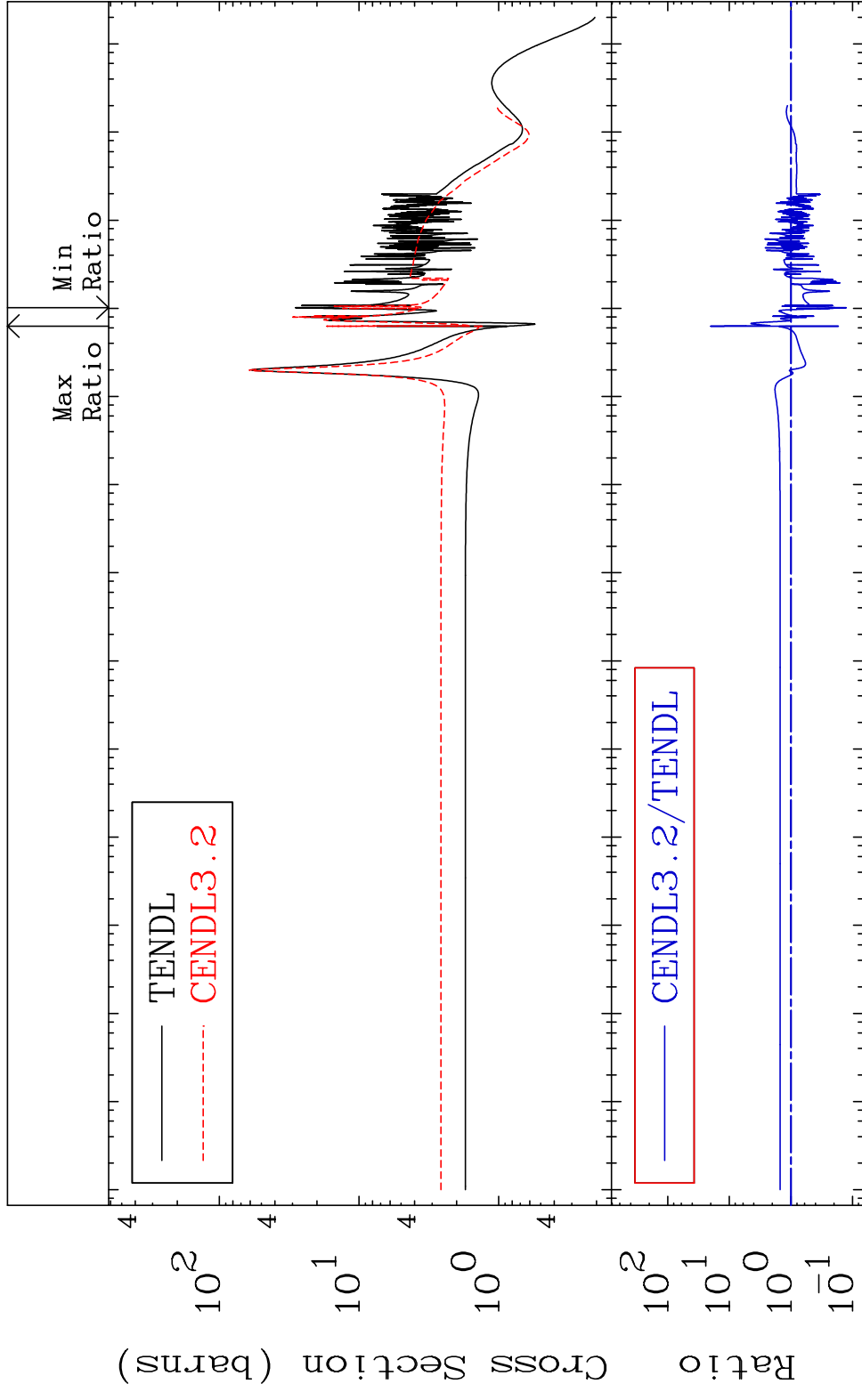
MAT 1228

Elastic

12-Mg-25

Cross Section

-87.39 To 1905. %

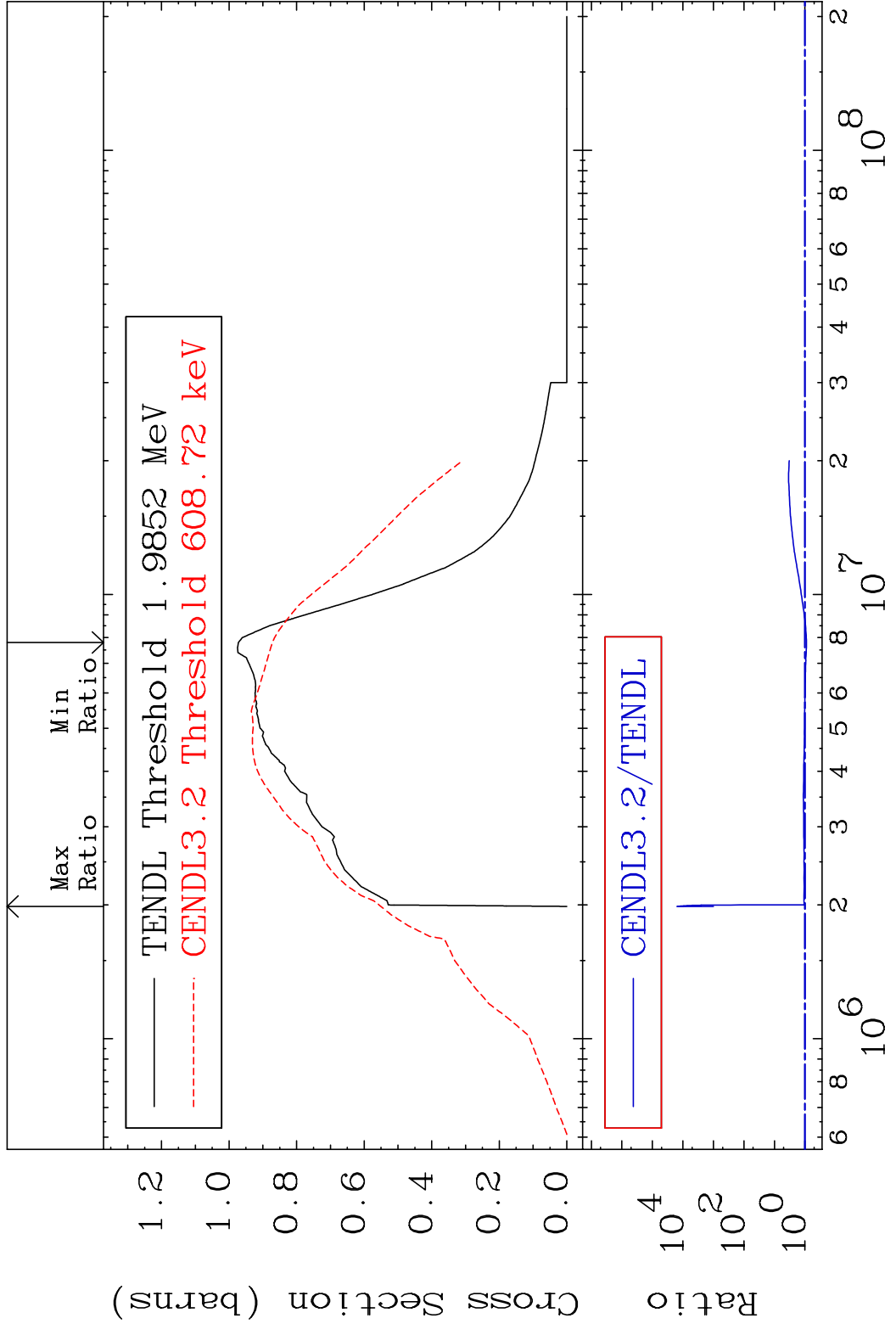


2

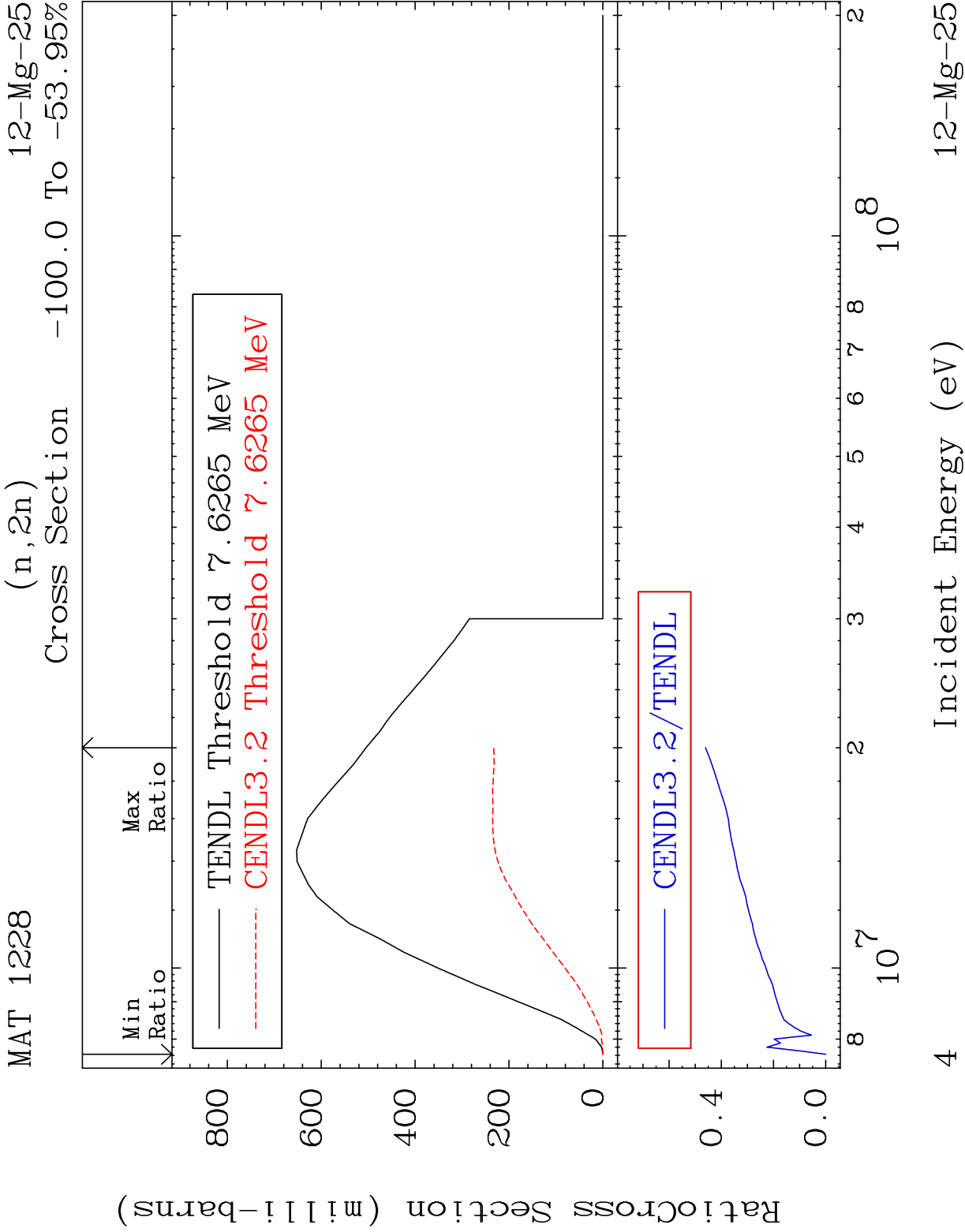
Incident Energy (eV)

12-Mg-25

MAT 1228 Inelastic 12-Mg-25
 Cross Section -10.35 To 9999. %



3 Incident Energy (eV) 12-Mg-25

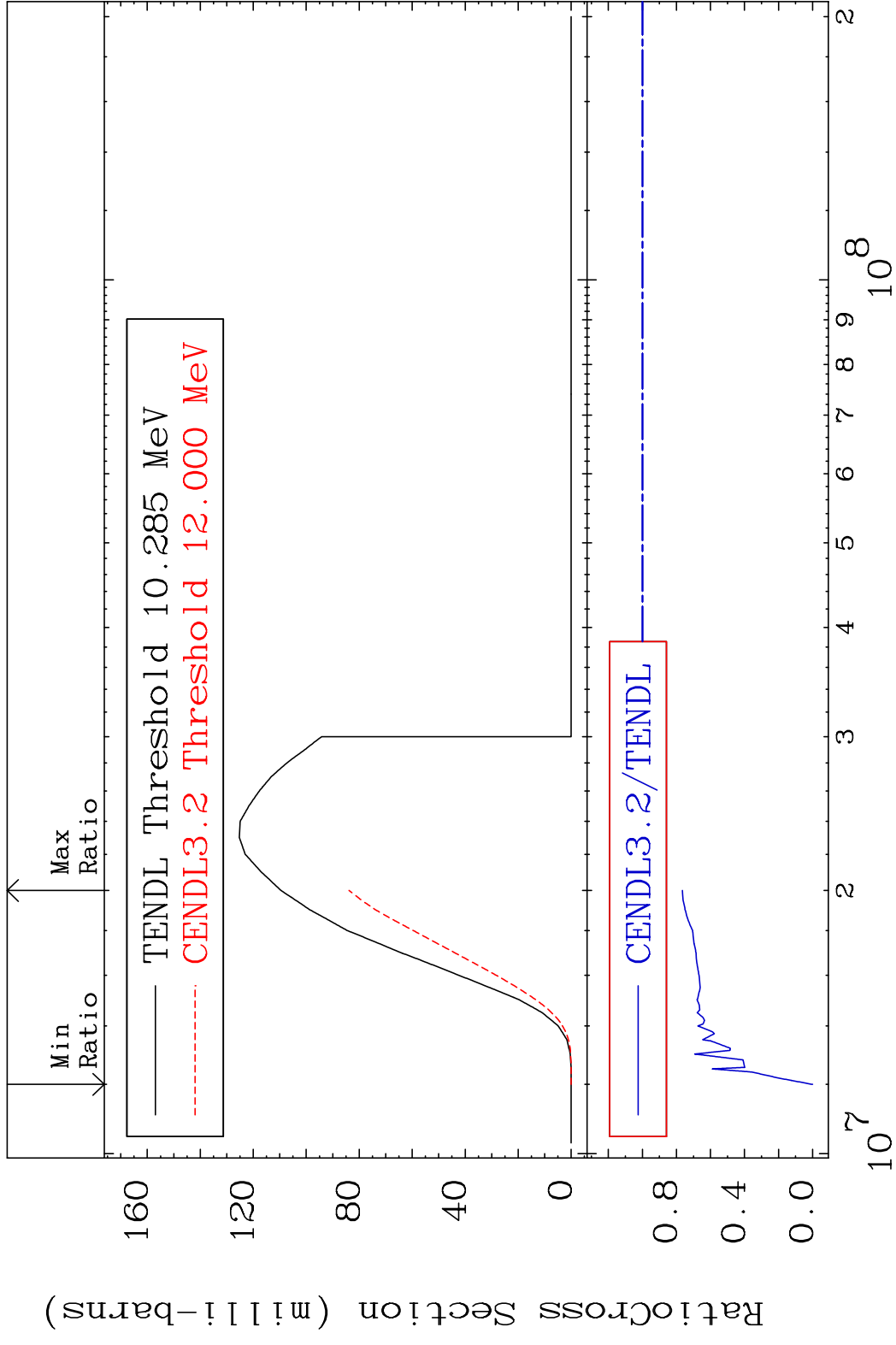


MAT 1228

(n, n') α

12-Mg-25

Cross Section -100.0 To -23.48%



12-Mg-25

Incident Energy (eV)

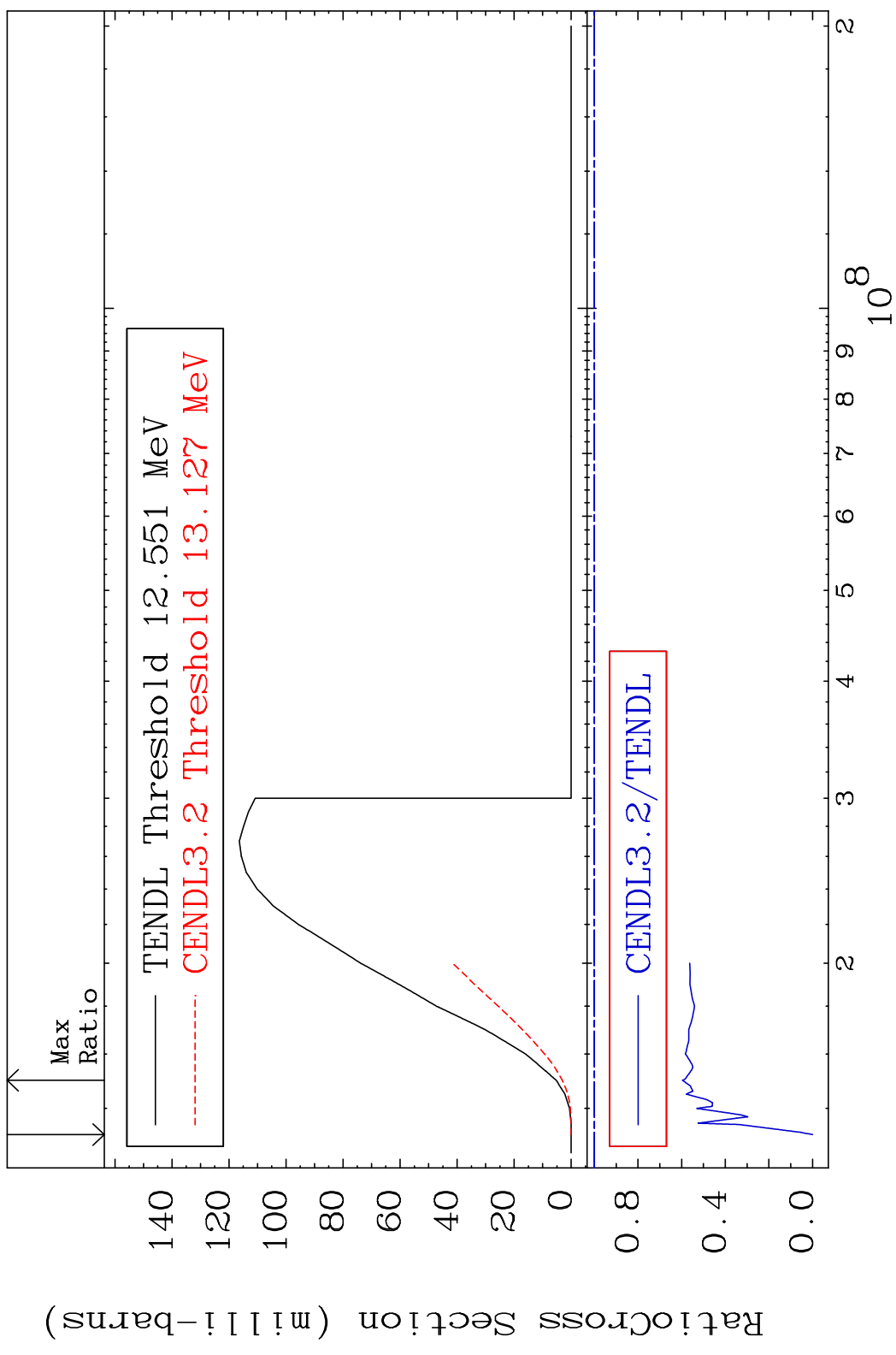
5

MAT 1228

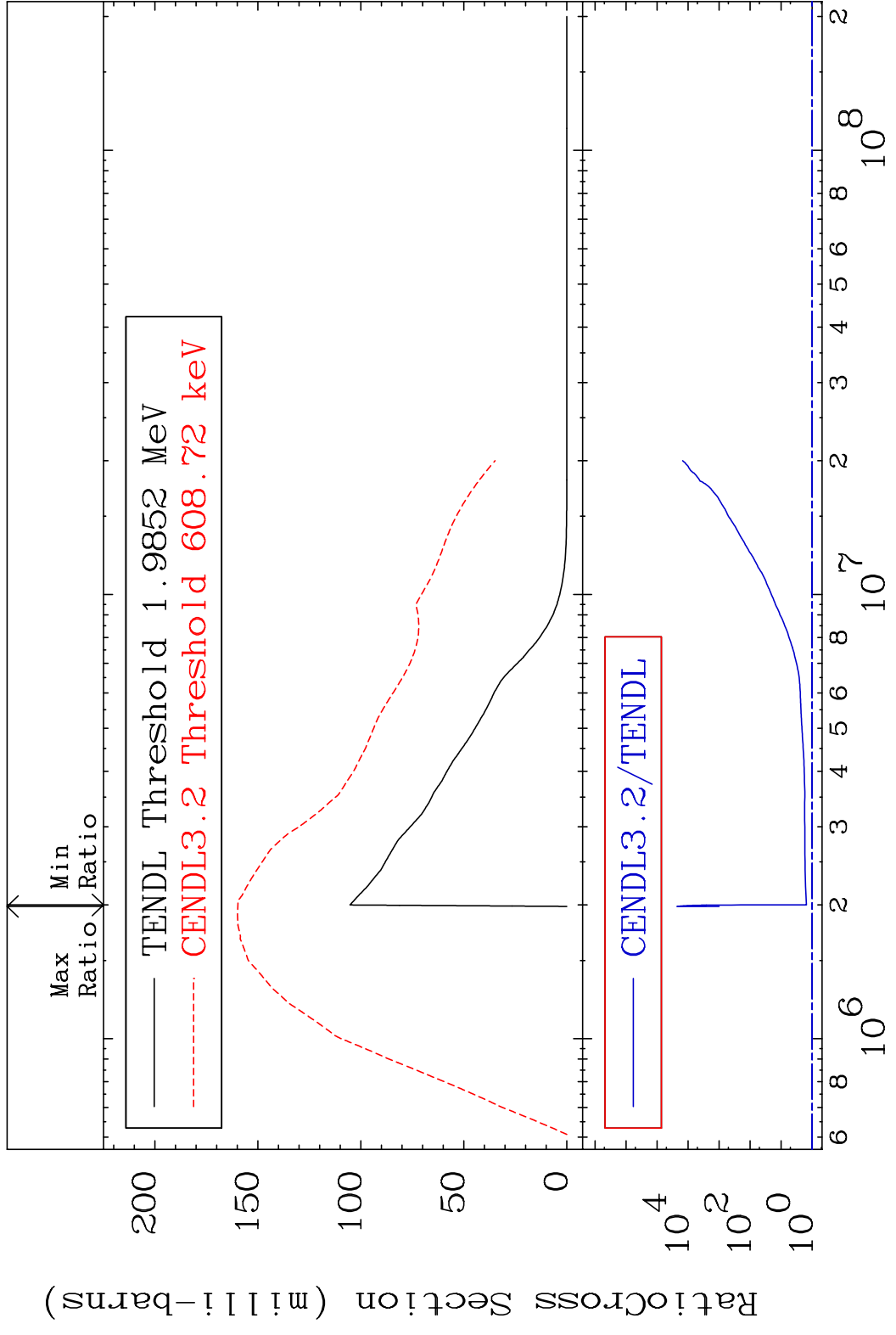
(n, n') p

12-Mg-25

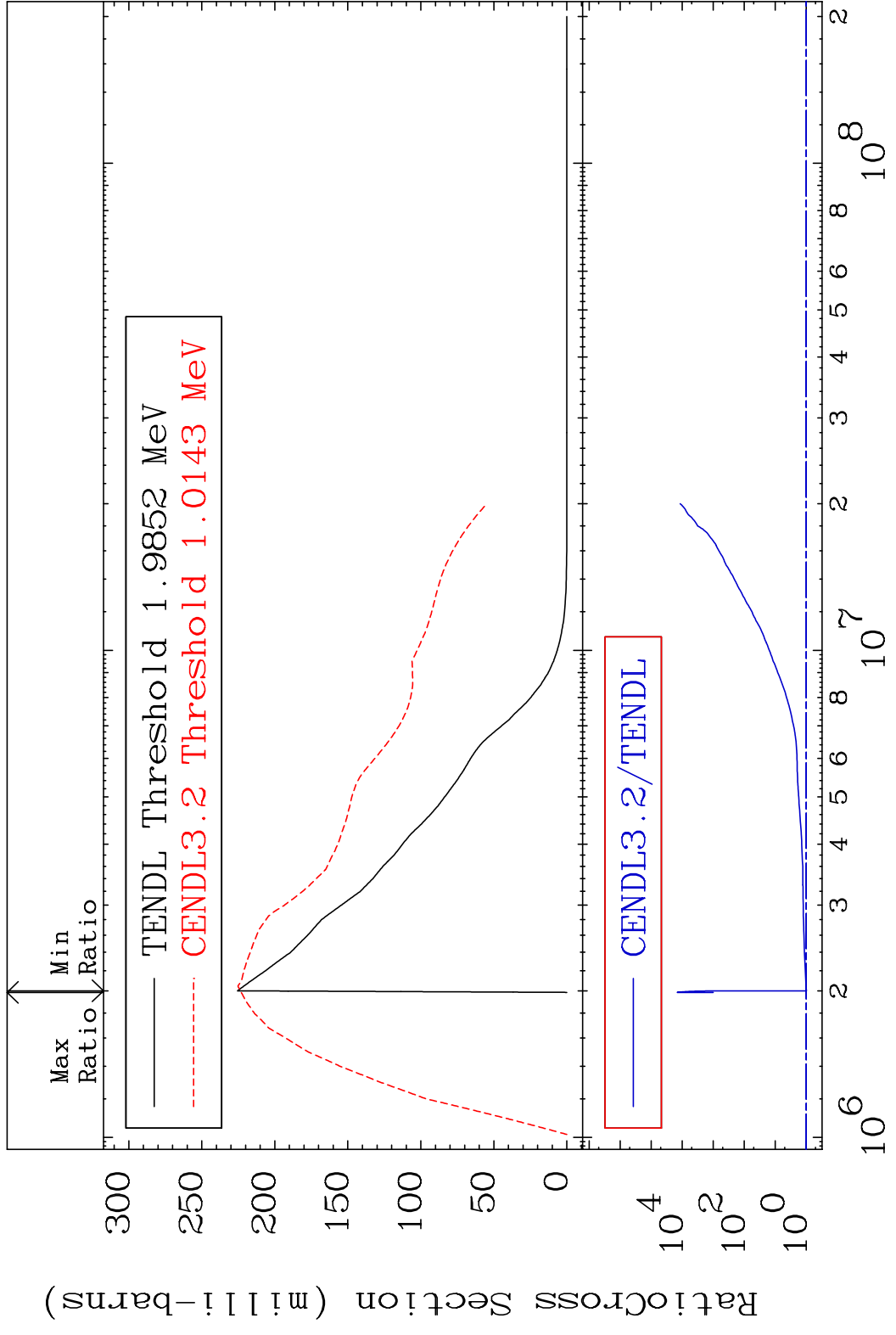
Cross Section -100.0 To -40.32%



MAT 1228 MT= 51 (n, n') Level 12-Mg-25
 Cross Section 51.69 To 9999. %

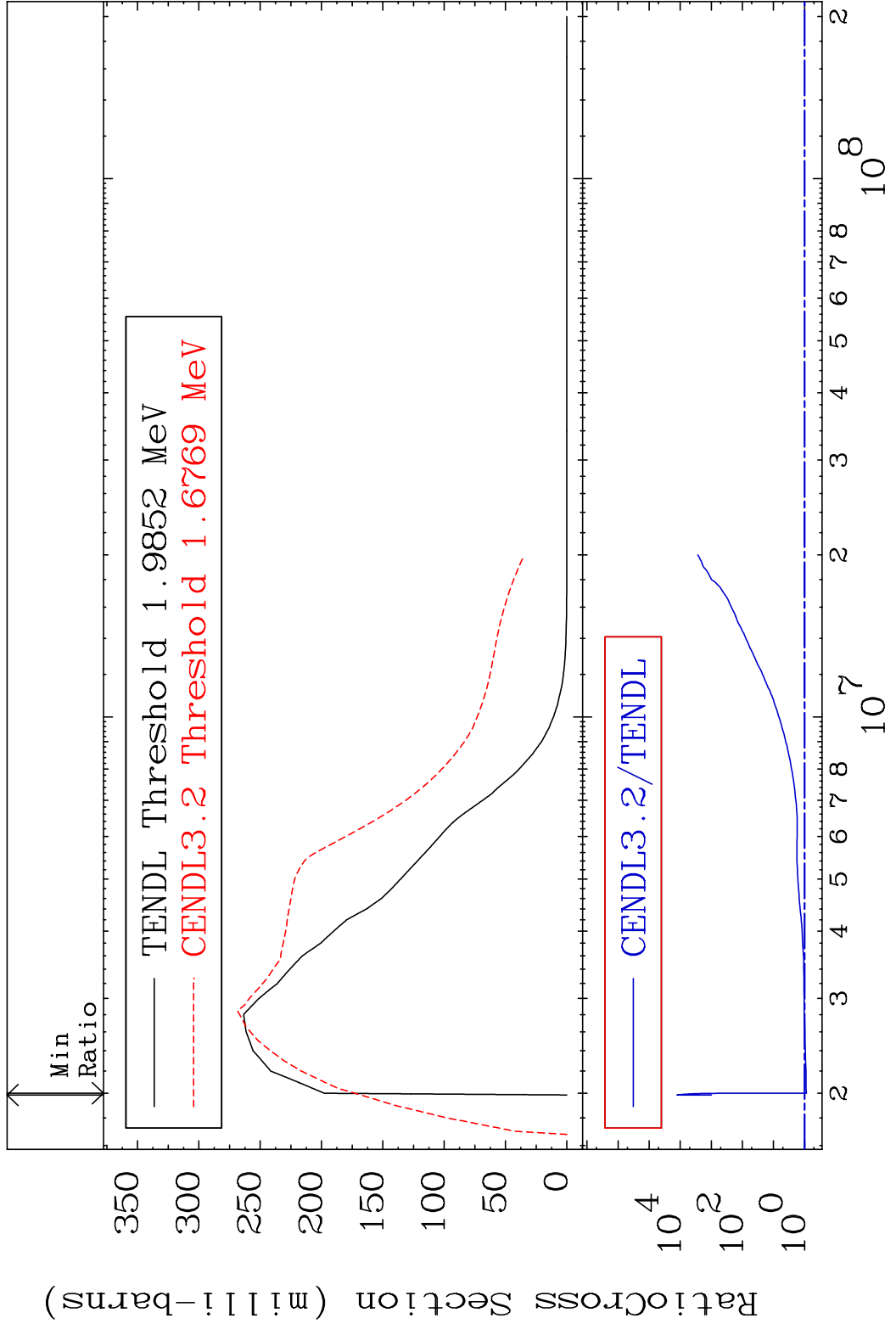


MAT 1228 MT= 52 (n, n') Level 12-Mg-25
 Cross Section -0.886 To 9999. %

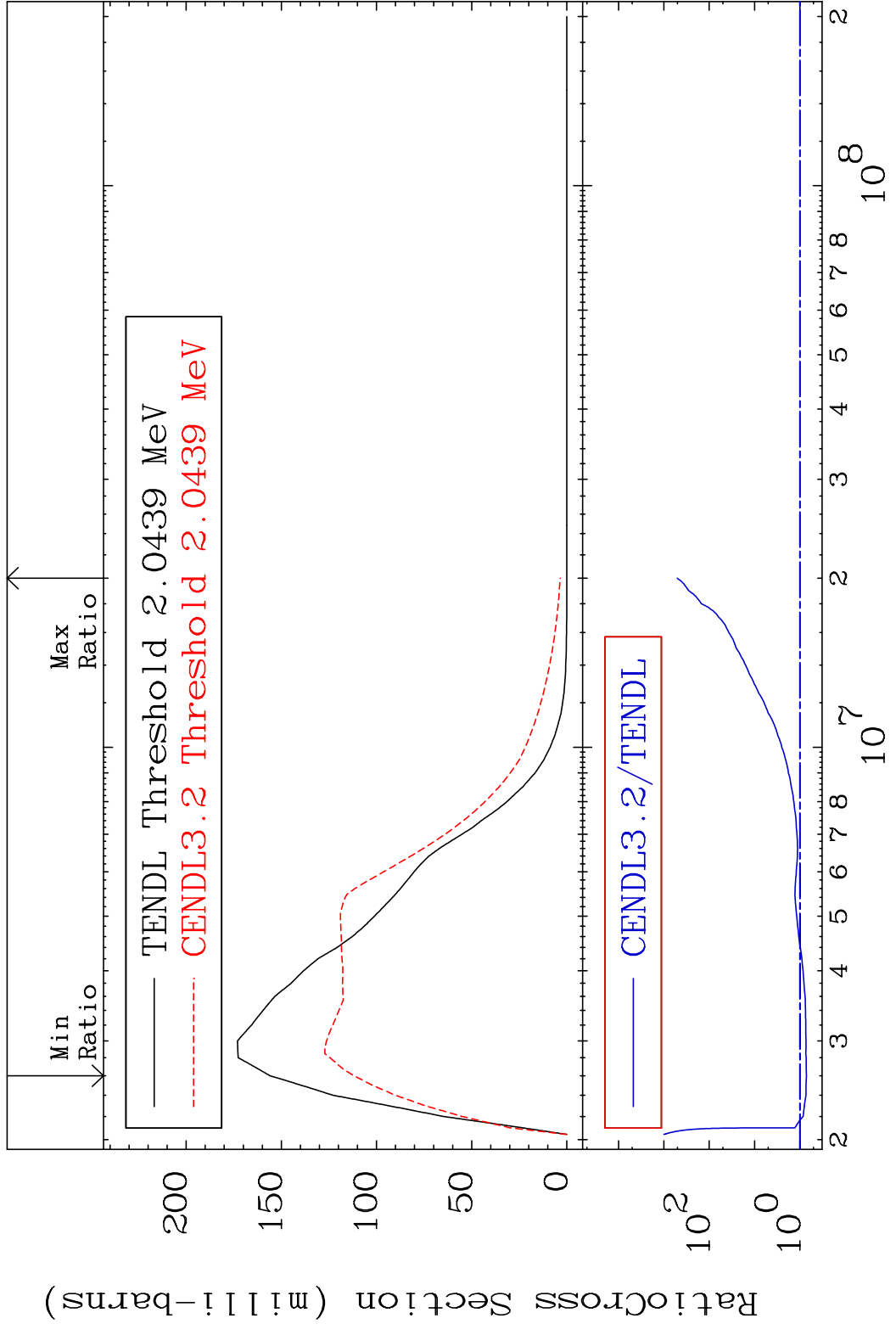


8 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 53 (n, n') Level 12-Mg-25
 Cross Section -12.65 To 9999. %

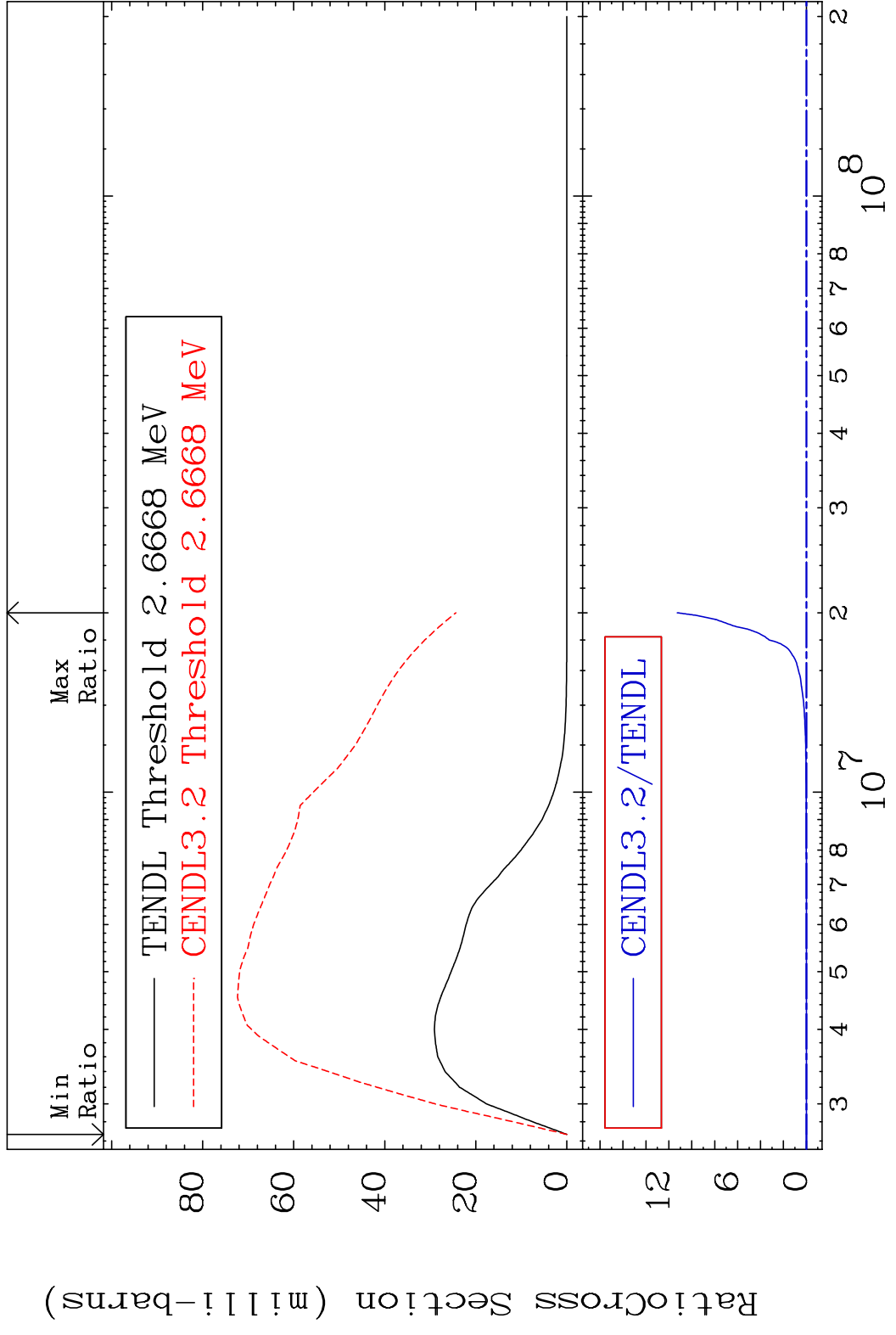


MAT 1228 MT= 54 (n, n') Level 12-Mg-25
 Cross Section -28.31 To 9999. %



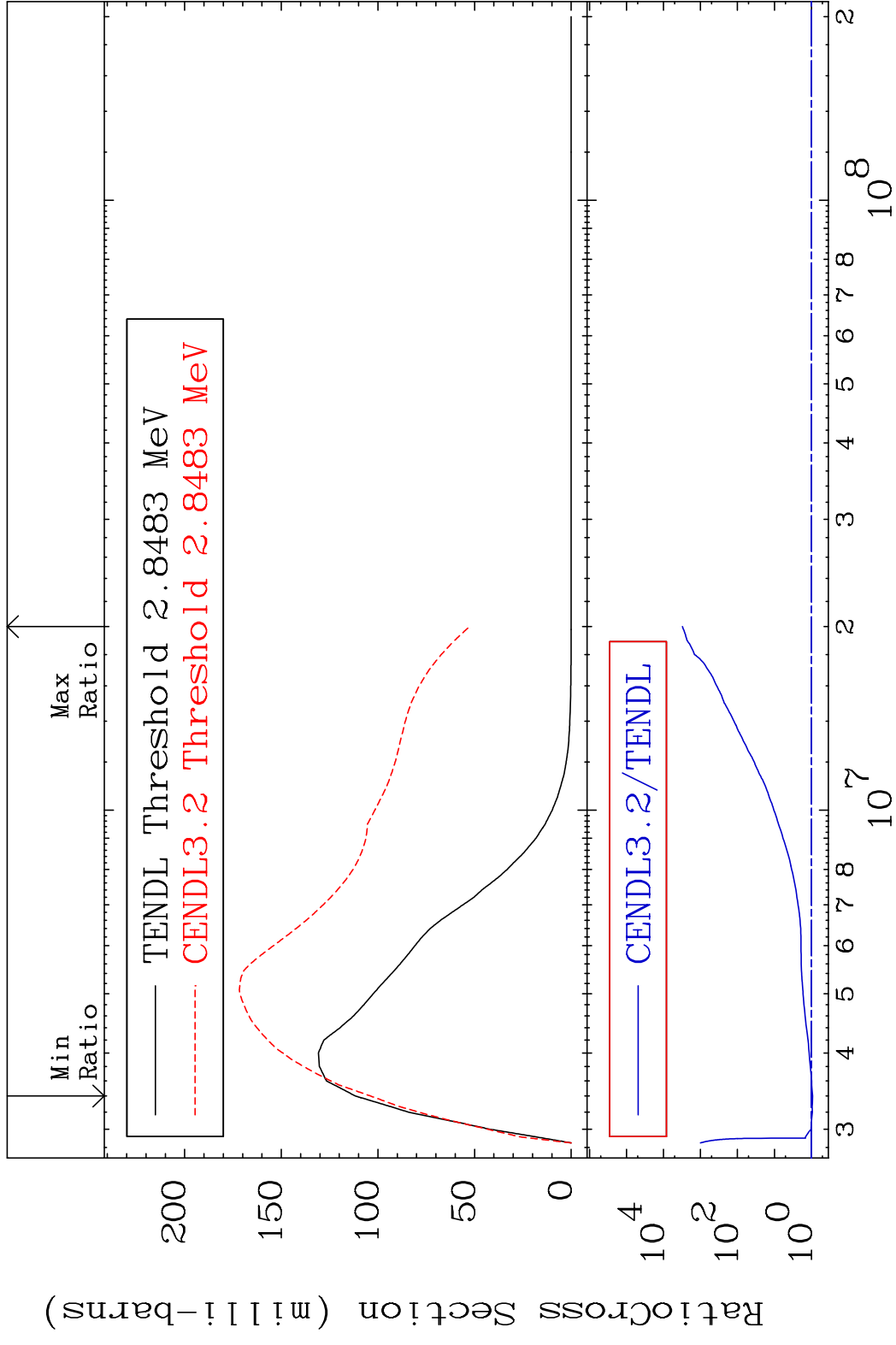
10 10 10 2 3 4 5 6 7 8 10 8 10 2

MAT 1228 MT= 55 (n, n') Level 12-Mg-25
 Cross Section -100.0 To 9999. %



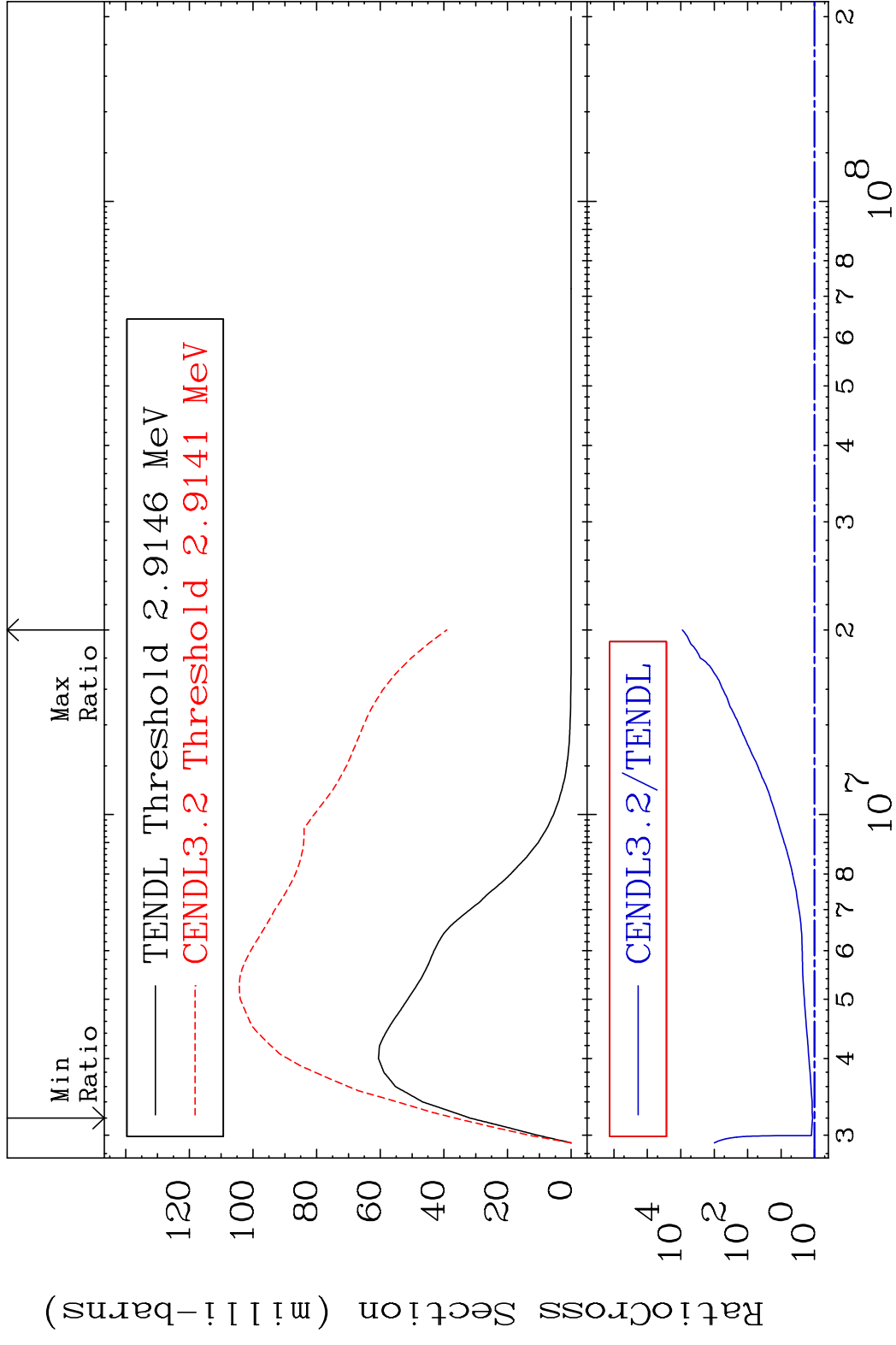
11 12-Mg-25

MAT 1228 MT= 56 (n, n') Level 12-Mg-25
 Cross Section -7.030 To 9999. %



12 12-Mg-25

MAT 1228 MT= 57 (n, n') Level 12-Mg-25
 Cross Section 14.65 To 9999. %

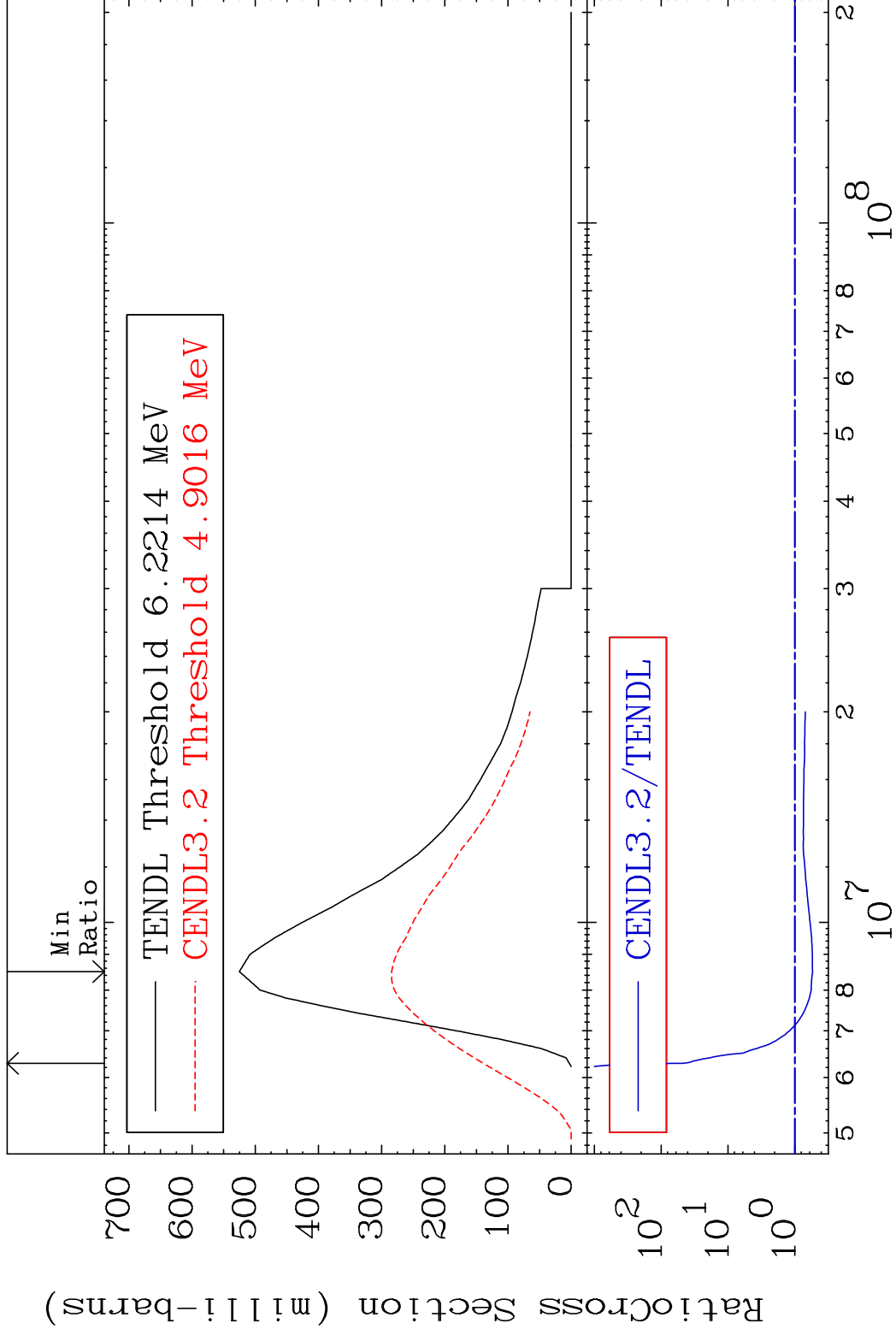


MAT 1228

(n, n') Continuum

¹²Mg-25

Cross Section -45.93 To 4717. %



14

Incident Energy (eV)

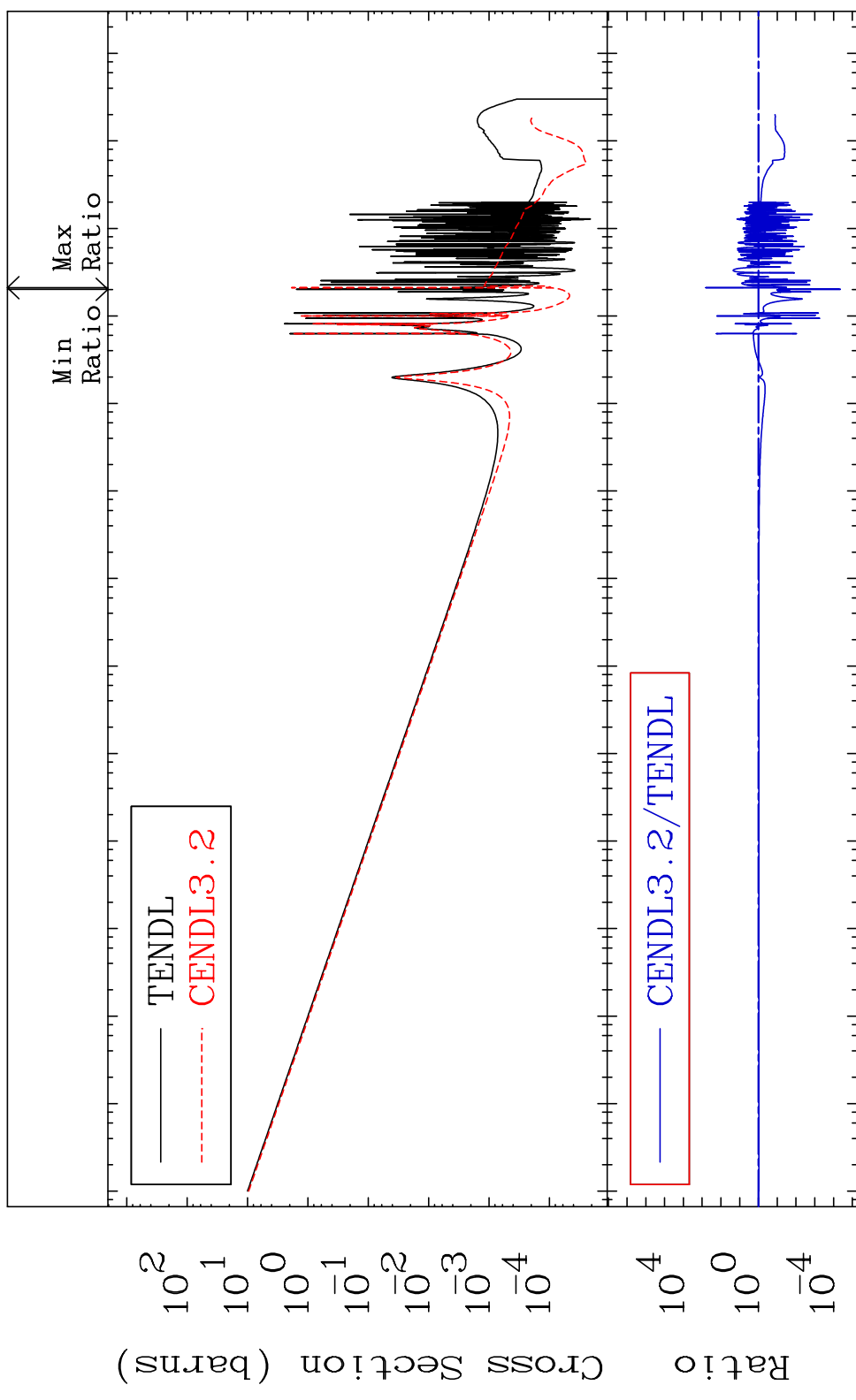
¹²Mg-25

MAT 1228

(n, γ)

12-Mg-25

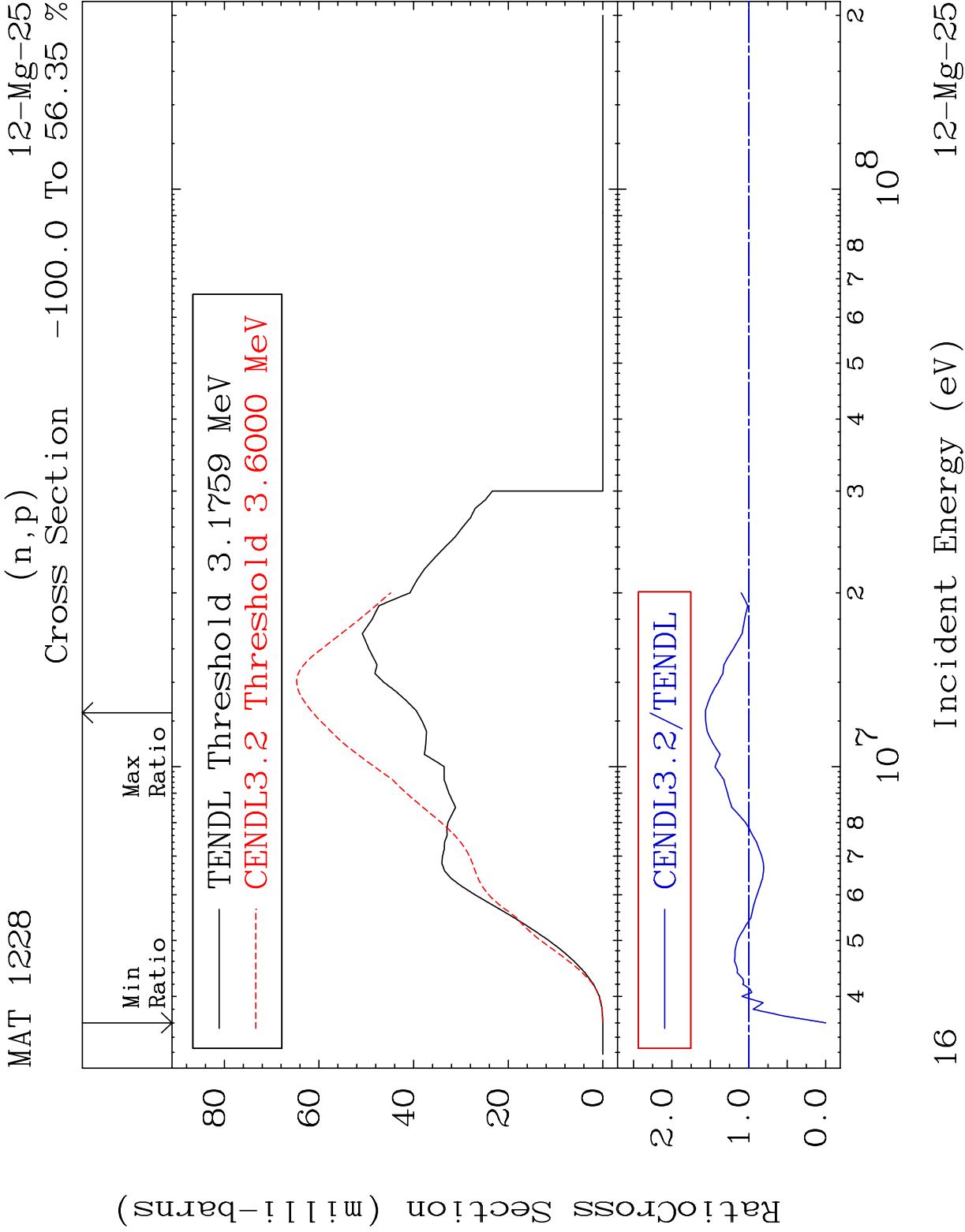
Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

12-Mg-25

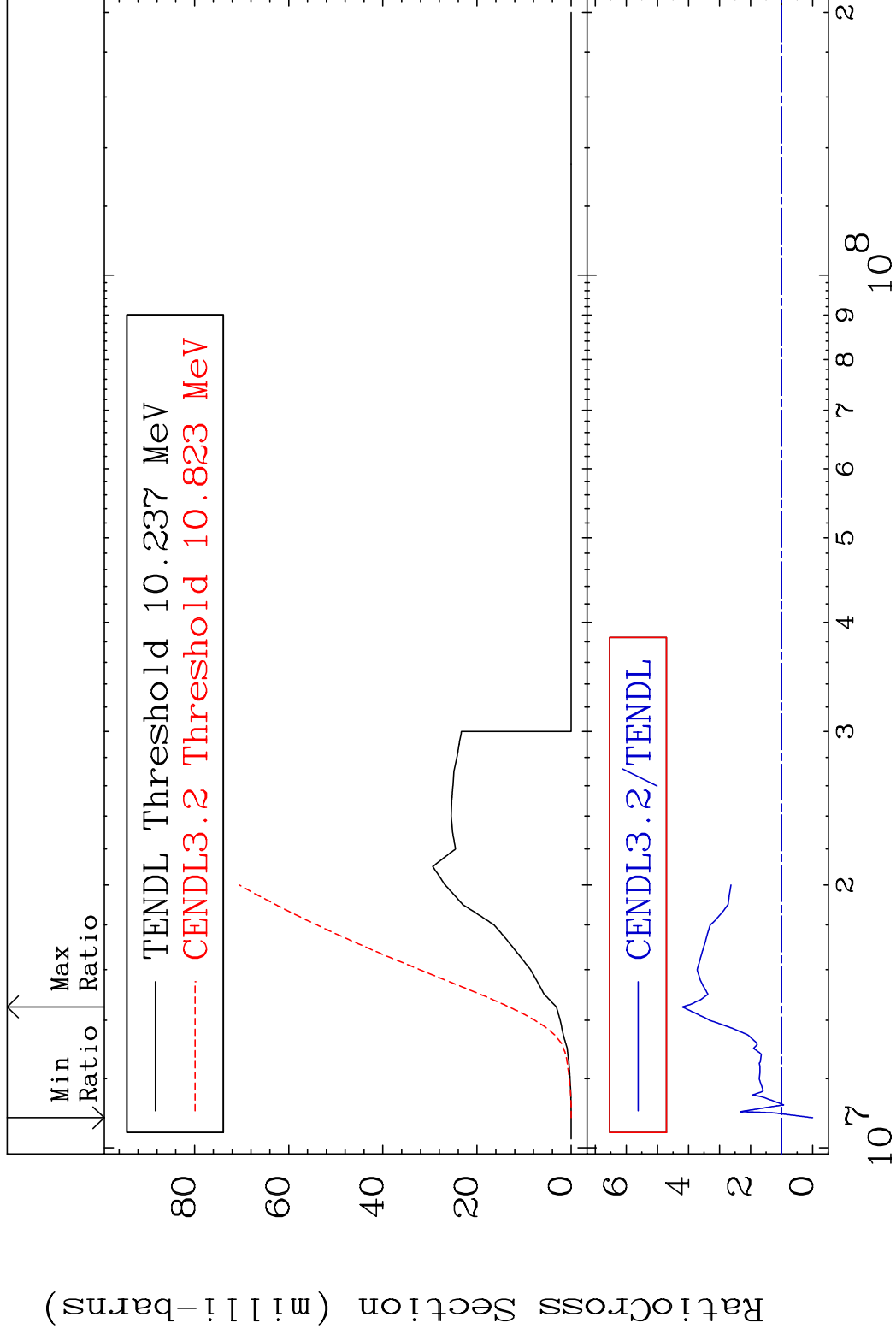


MAT 1228

(n, d)

¹²Mg-25

Cross Section -100.0 To 319.6 %

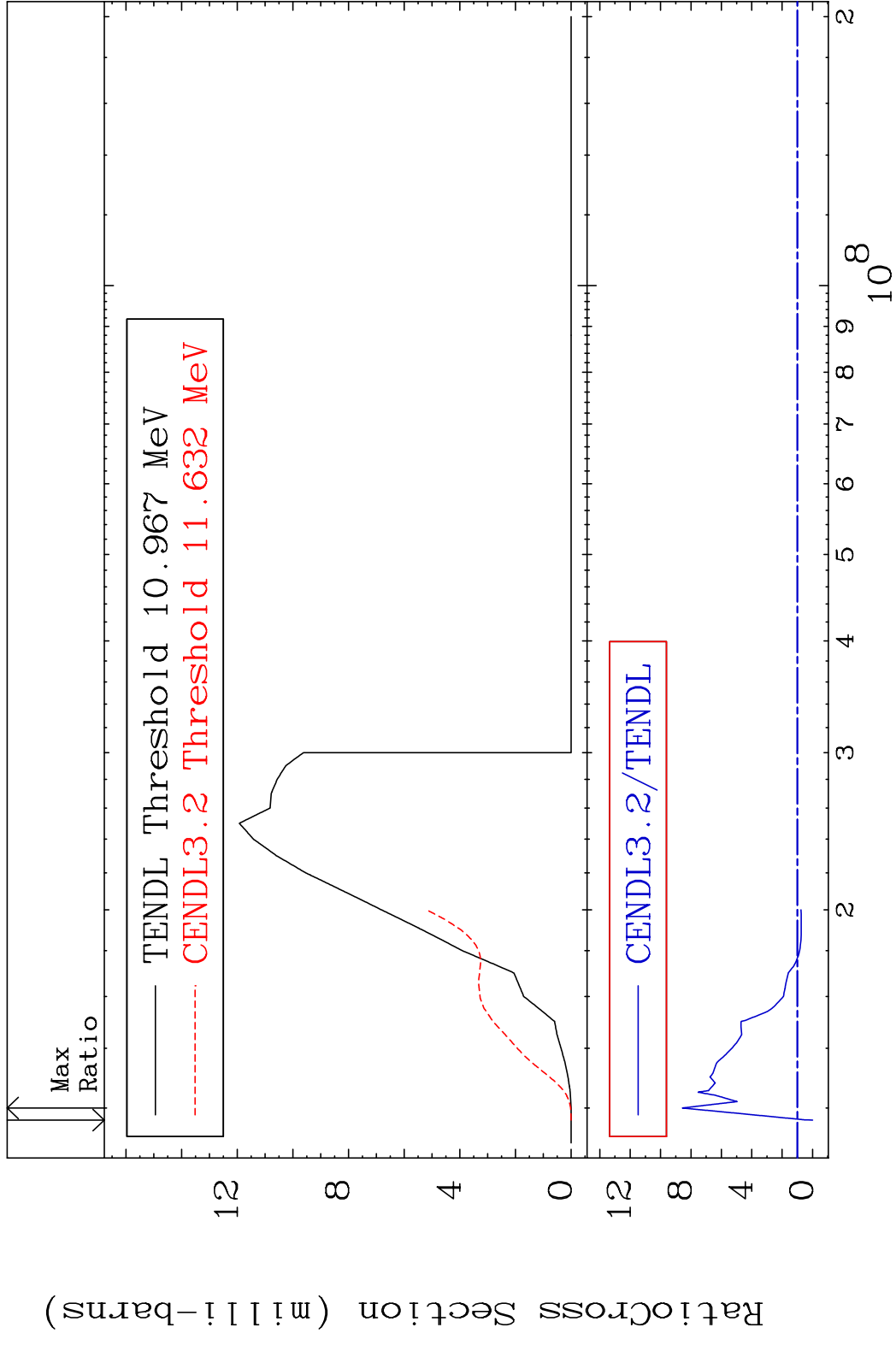


17

Incident Energy (eV)

¹²Mg-25

MAT 1228 (n, t) 12-Mg-25
 Cross Section -100.0 To 756.6 %

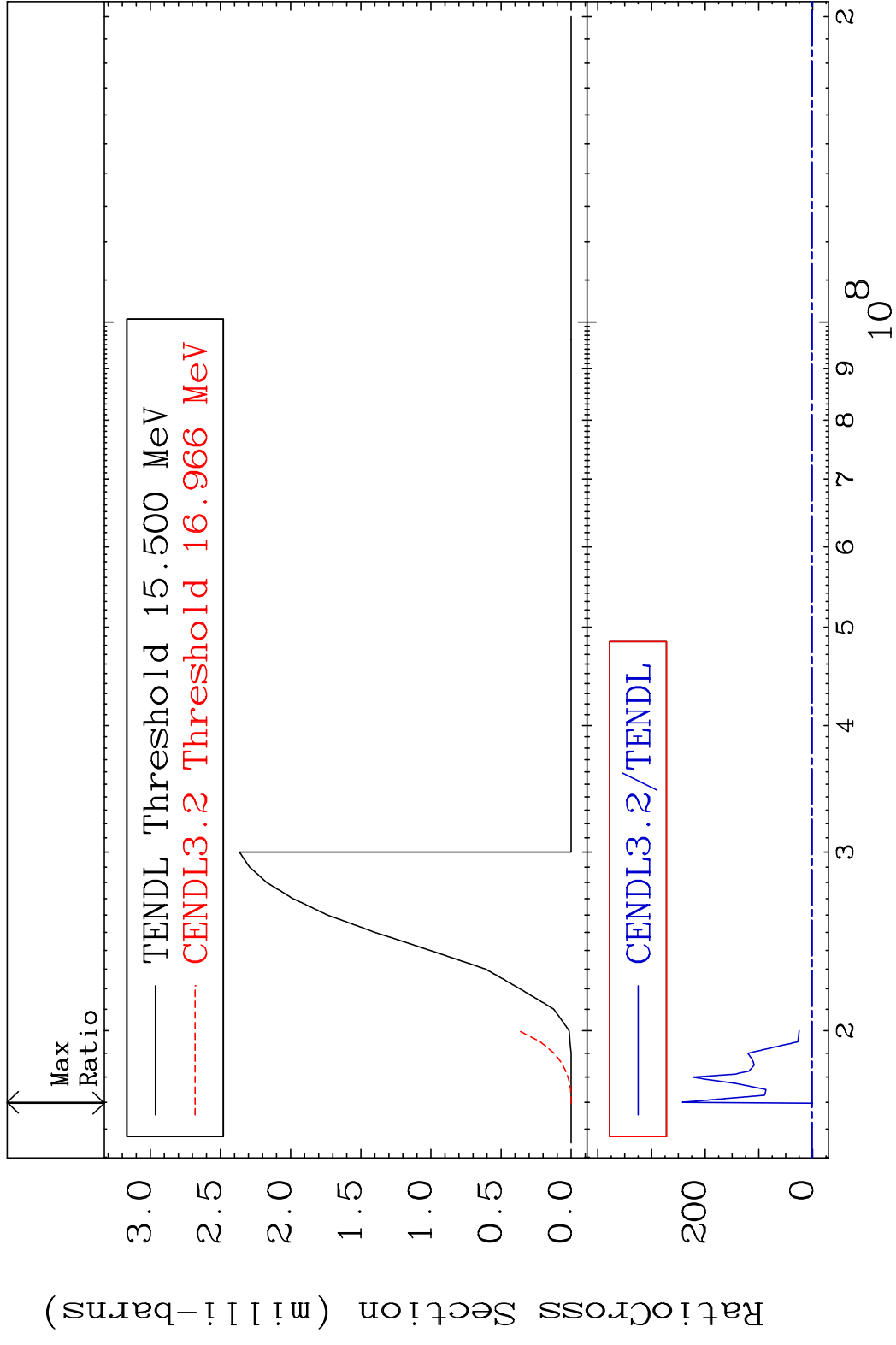


MAT 1228

(n, He-3)

12-Mg-25

Cross Section -100.0 To 9999. %

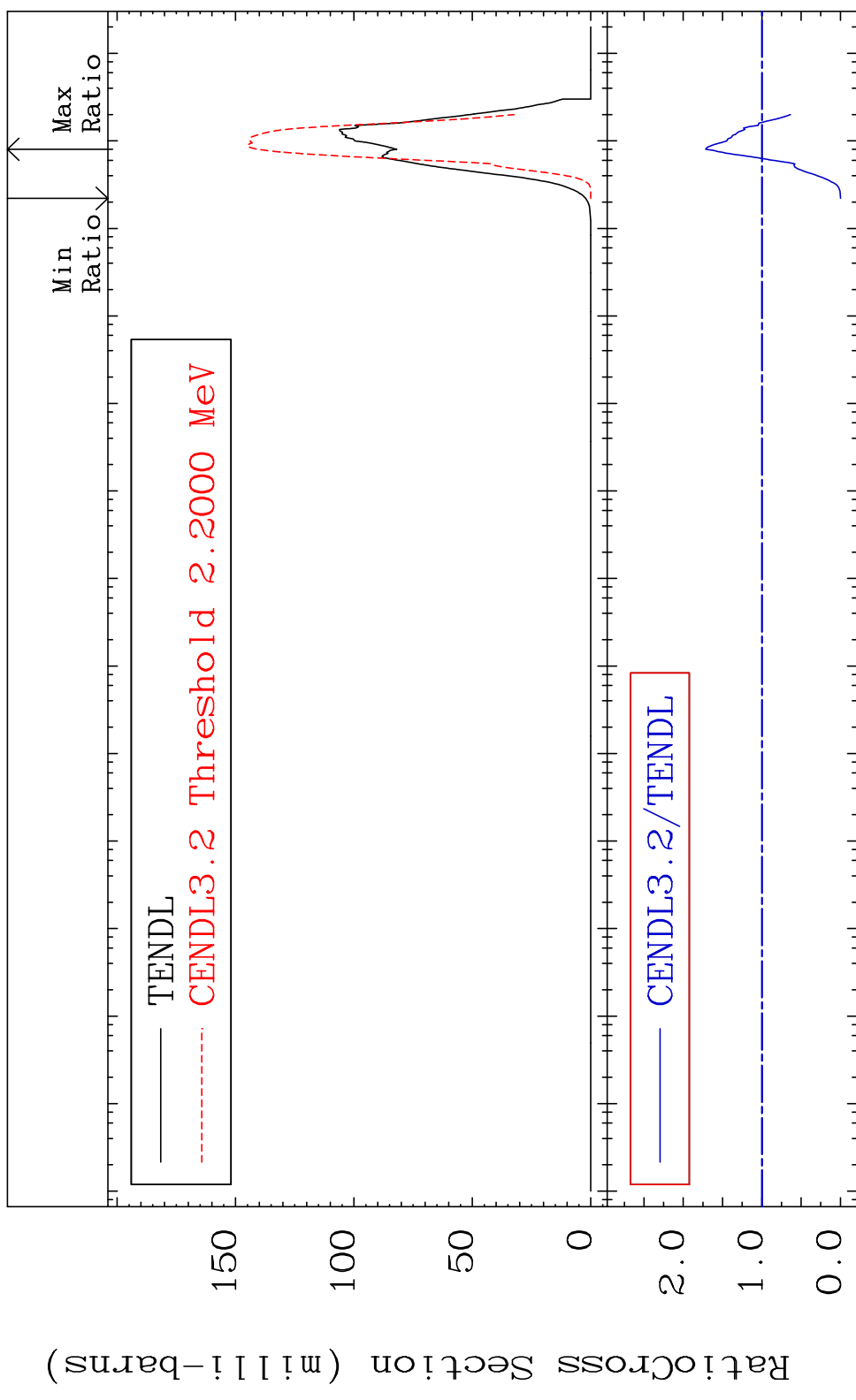


MAT 1228

(n, α)

12-Mg-25

Cross Section -100.0 To 71.37 %



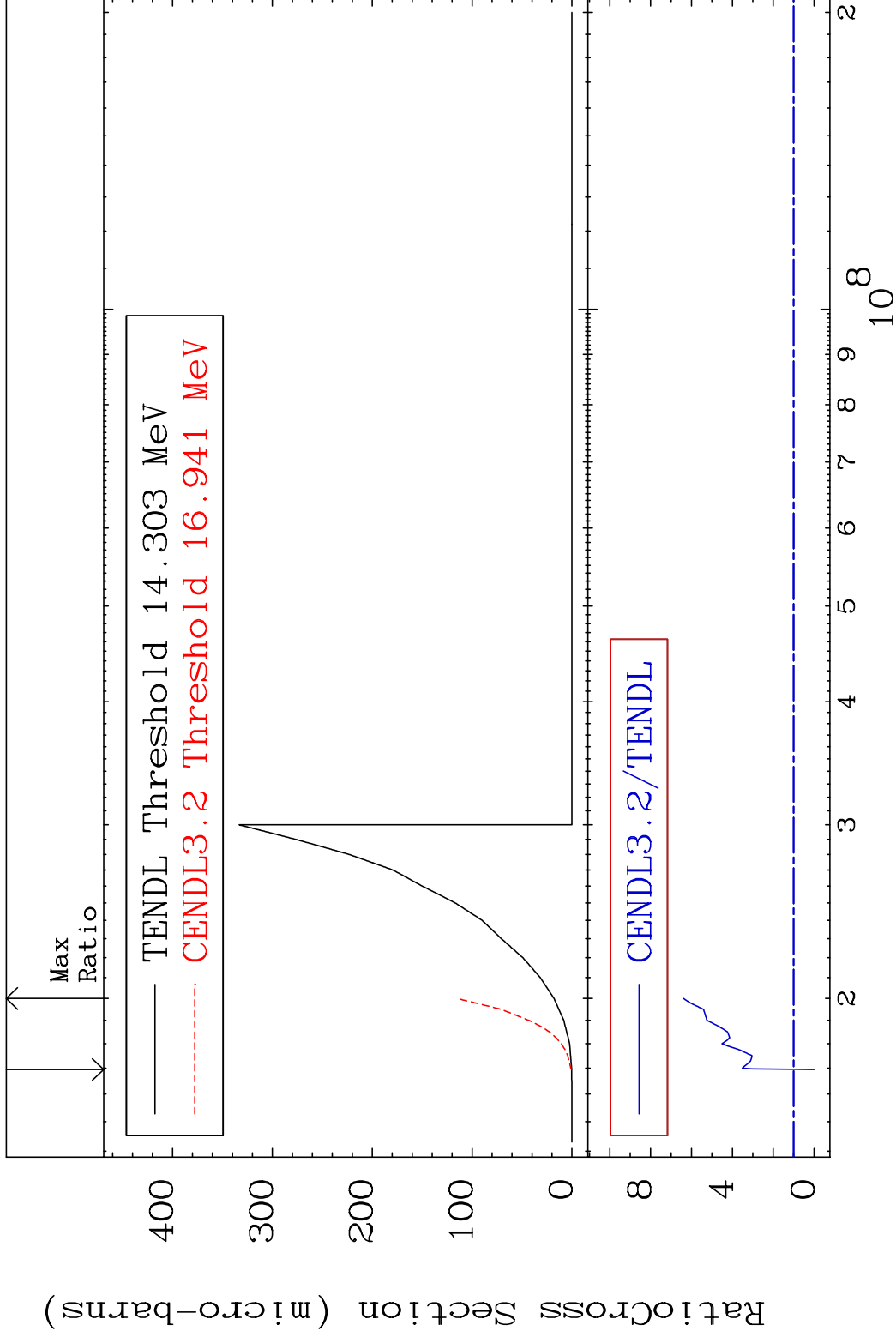
20

MAT 1228

(n,2p)

¹²Mg-25

Cross Section -100.0 To 539.4 %

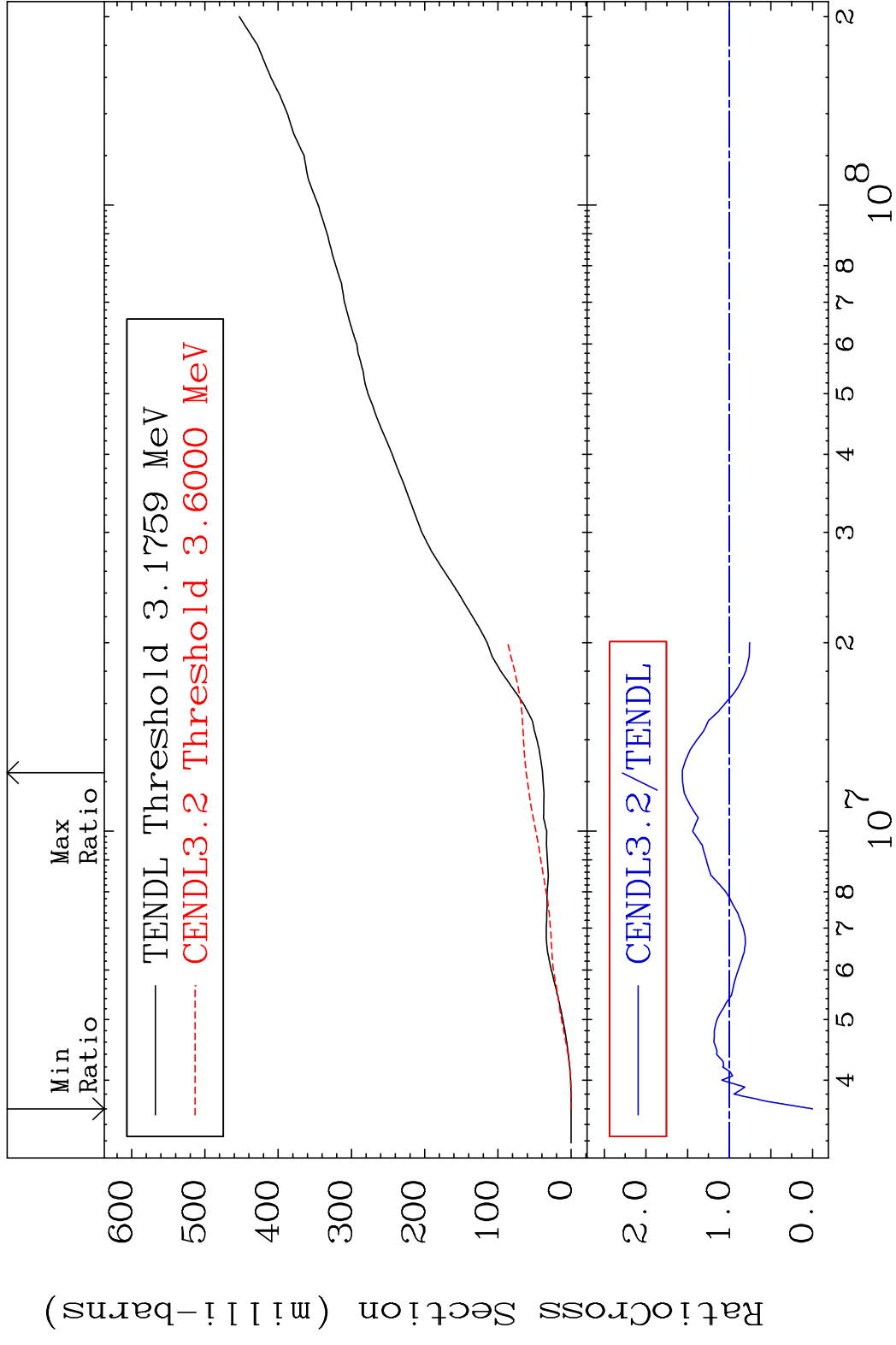


21

Incident Energy (eV)

¹²Mg-25

MAT 1228 Hydrogen Production 12-Mg-25
 Cross Section -100.0 To 56.35 %

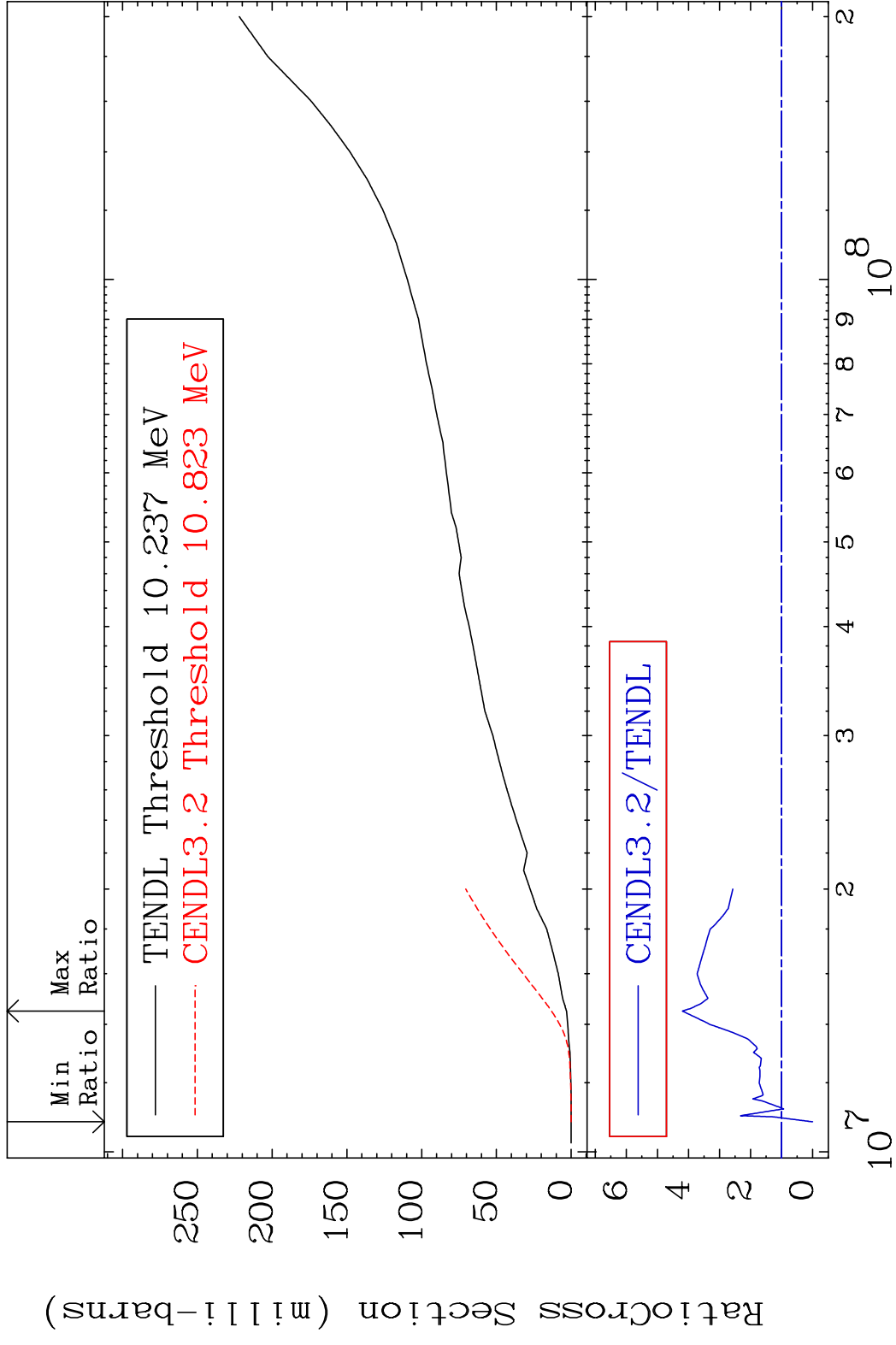


MAT 1228

Deuterium Production

¹²Mg-25

Cross Section -100.0 To 319.6 %

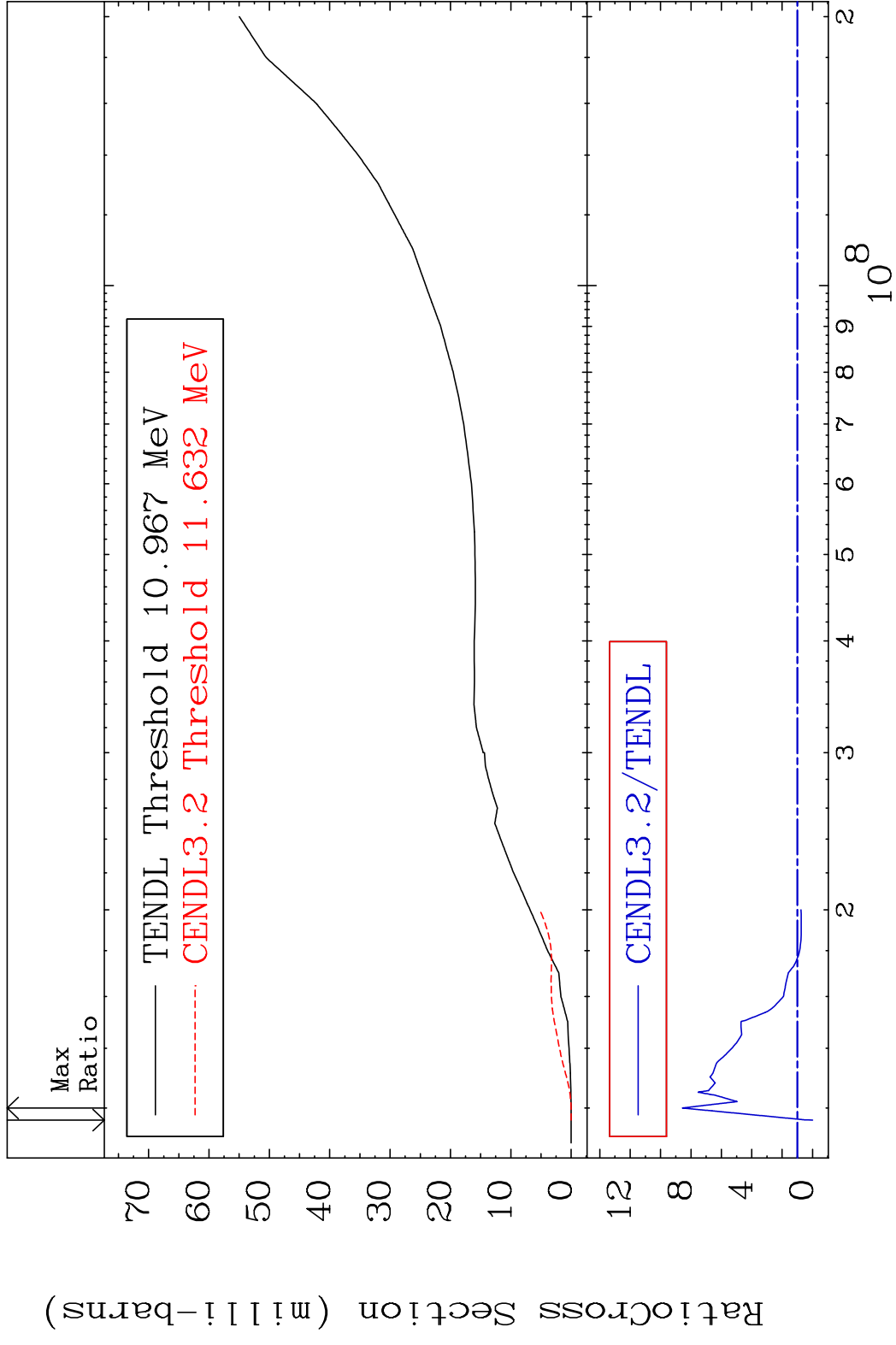


23

Incident Energy (eV)

¹²Mg-25

MAT 1228 Tritium Production 12-Mg-25
 Cross Section -100.0 To 756.6 %



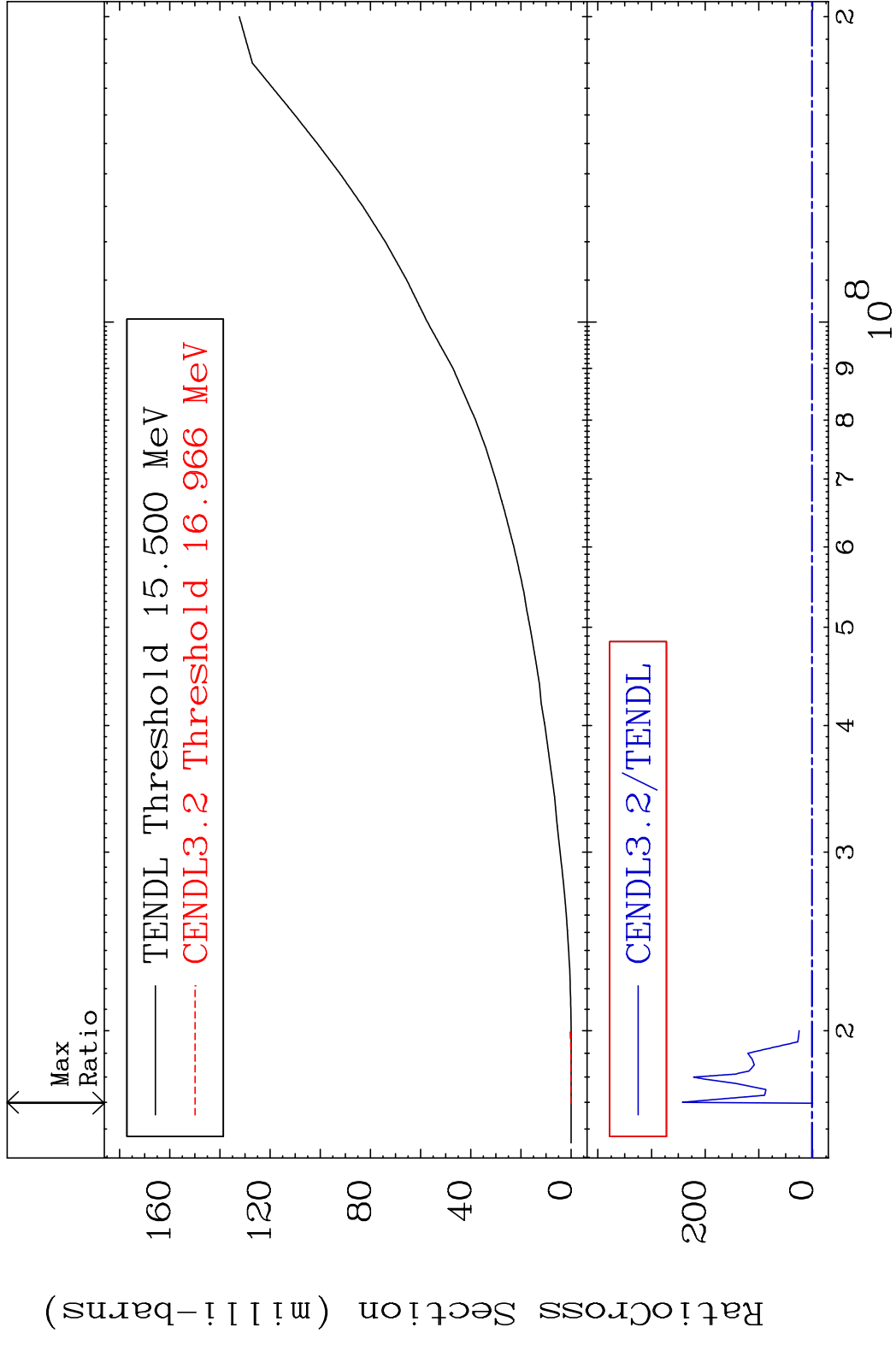
24 Incident Energy (eV) 12-Mg-25

MAT 1228

He-3 Production

12-Mg-25

Cross Section -100.0 To 9999. %



25

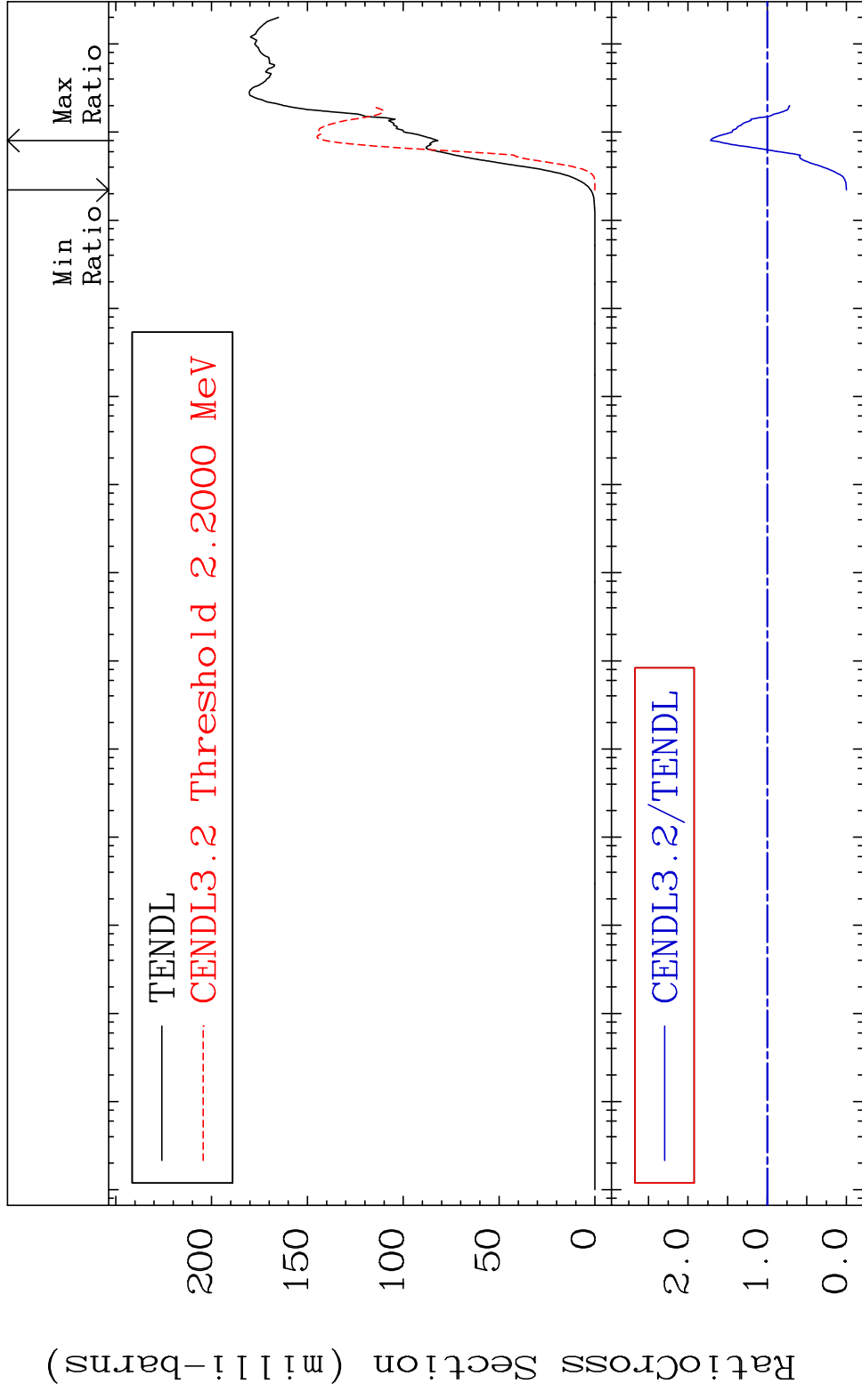
12-Mg-25

MAT 1228

He-4 Production

12-Mg-25

Cross Section -100.0 To 71.37 %

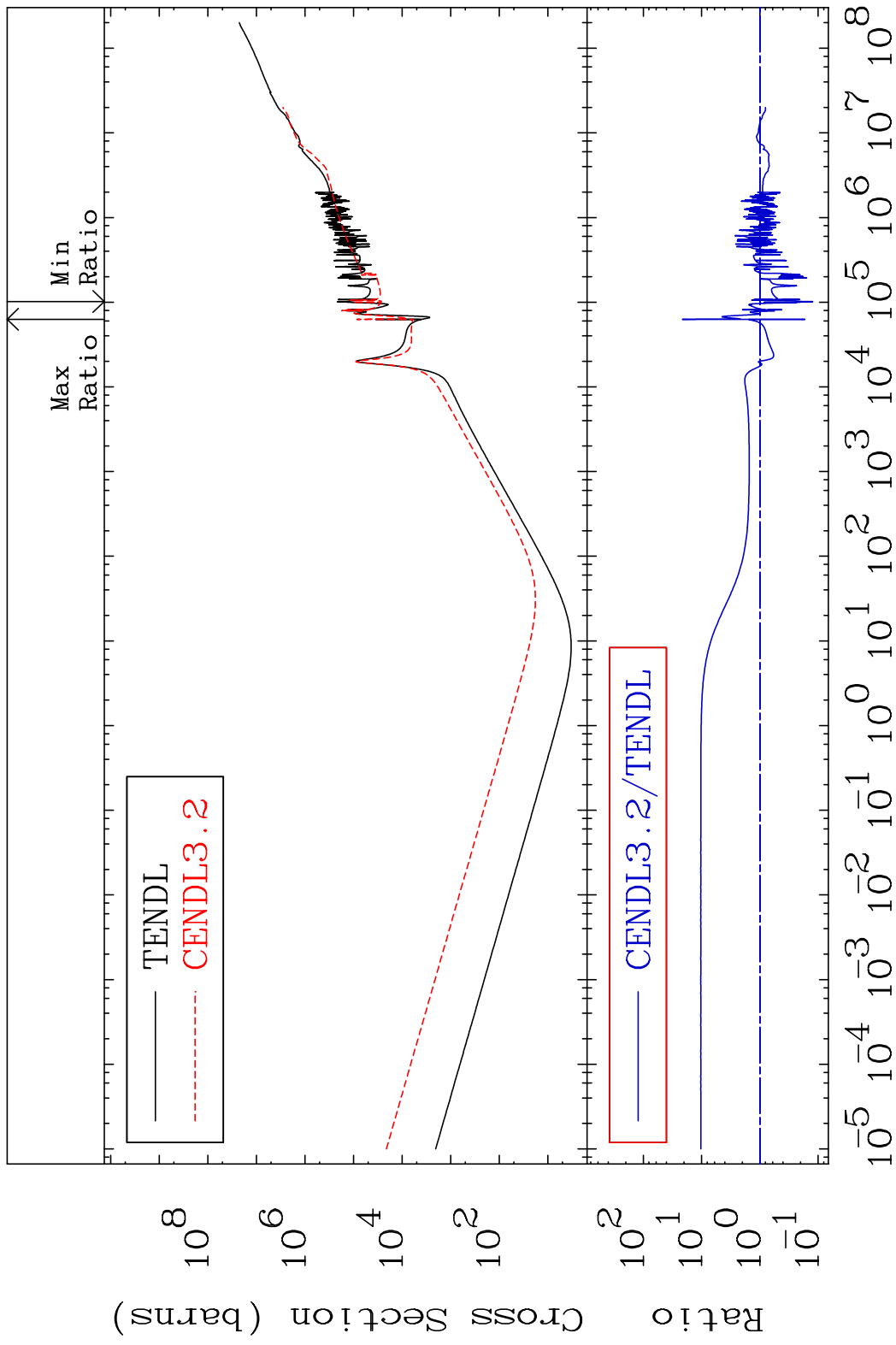


26

Incident Energy (eV)

12-Mg-25

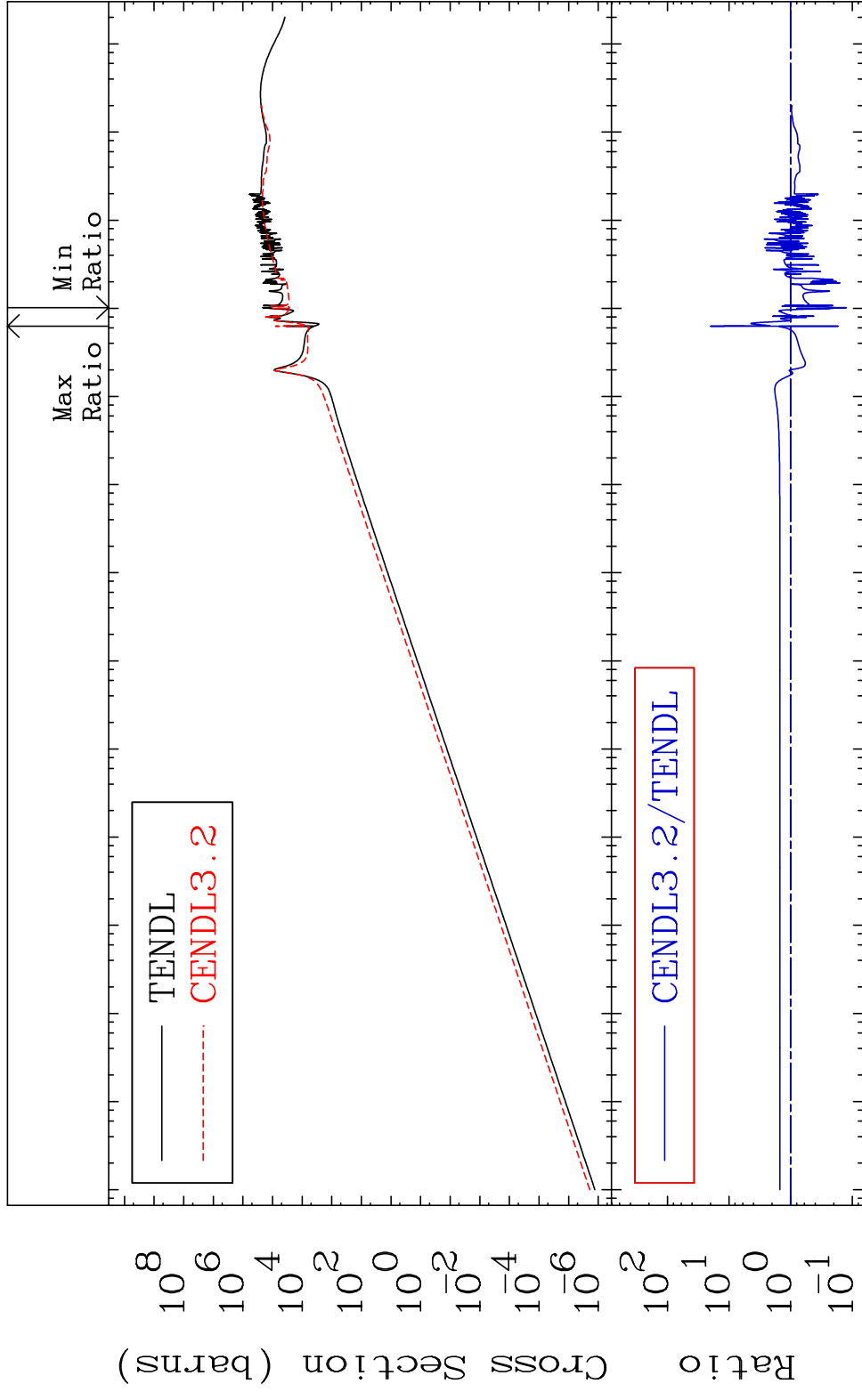
MAT 1228 Kerma total (eV-barns) 12-Mg-25
 Cross Section -87.54 To 2038. %



MAT 1228

Kerma elastic
Cross Section

12-Mg-25
-87.53 To 1888. %

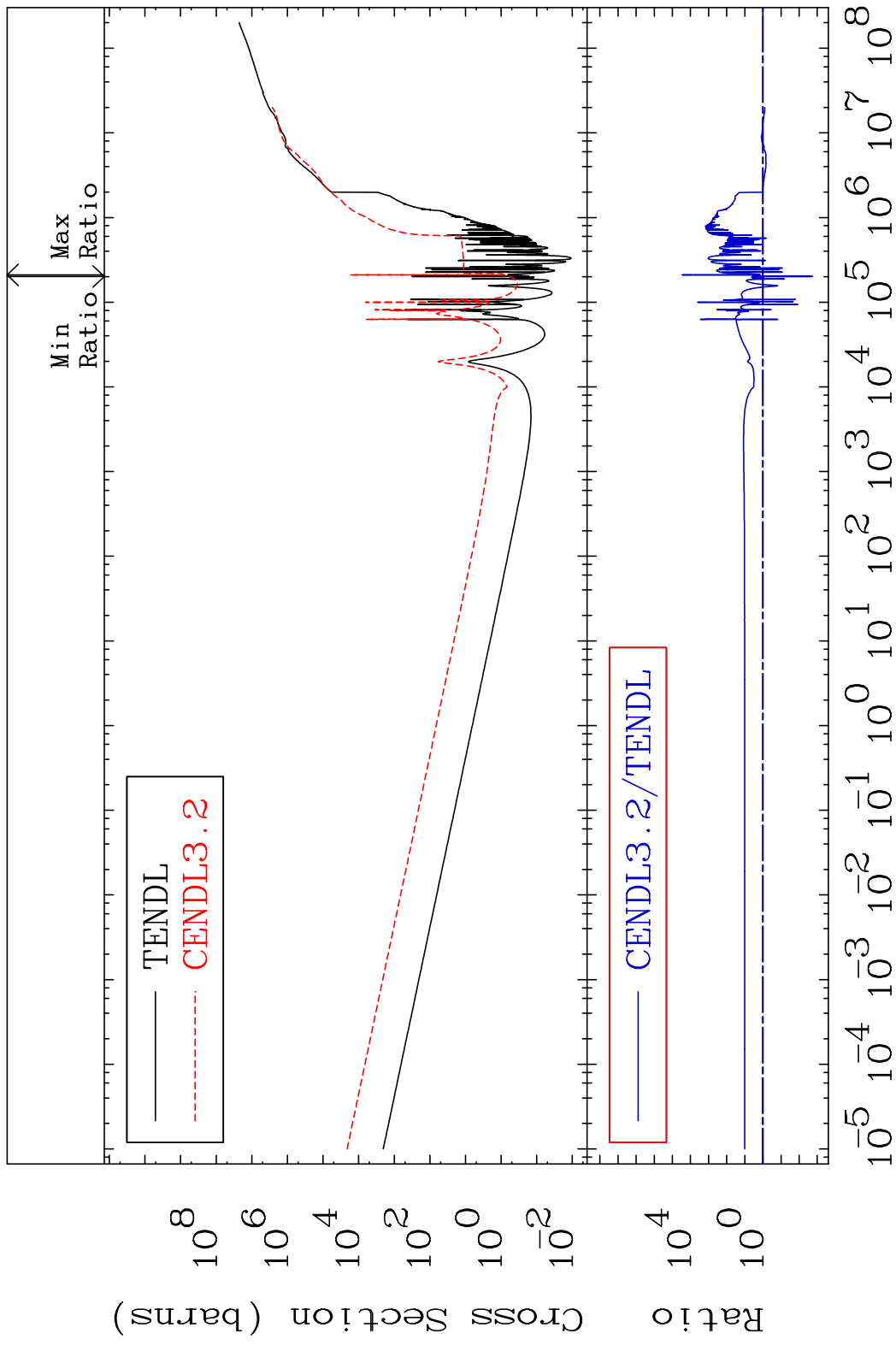


28

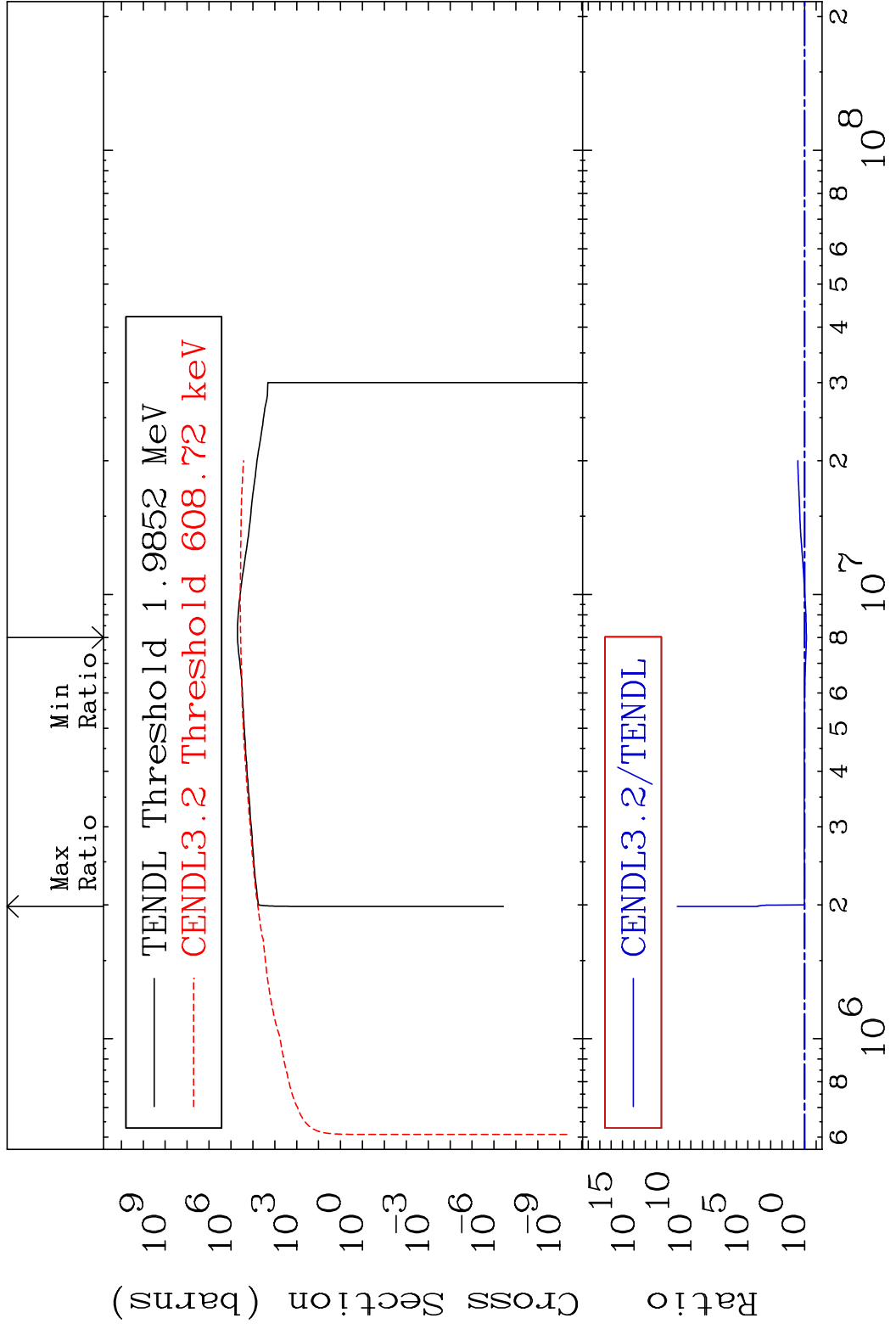
Incident Energy (eV)

12-Mg-25

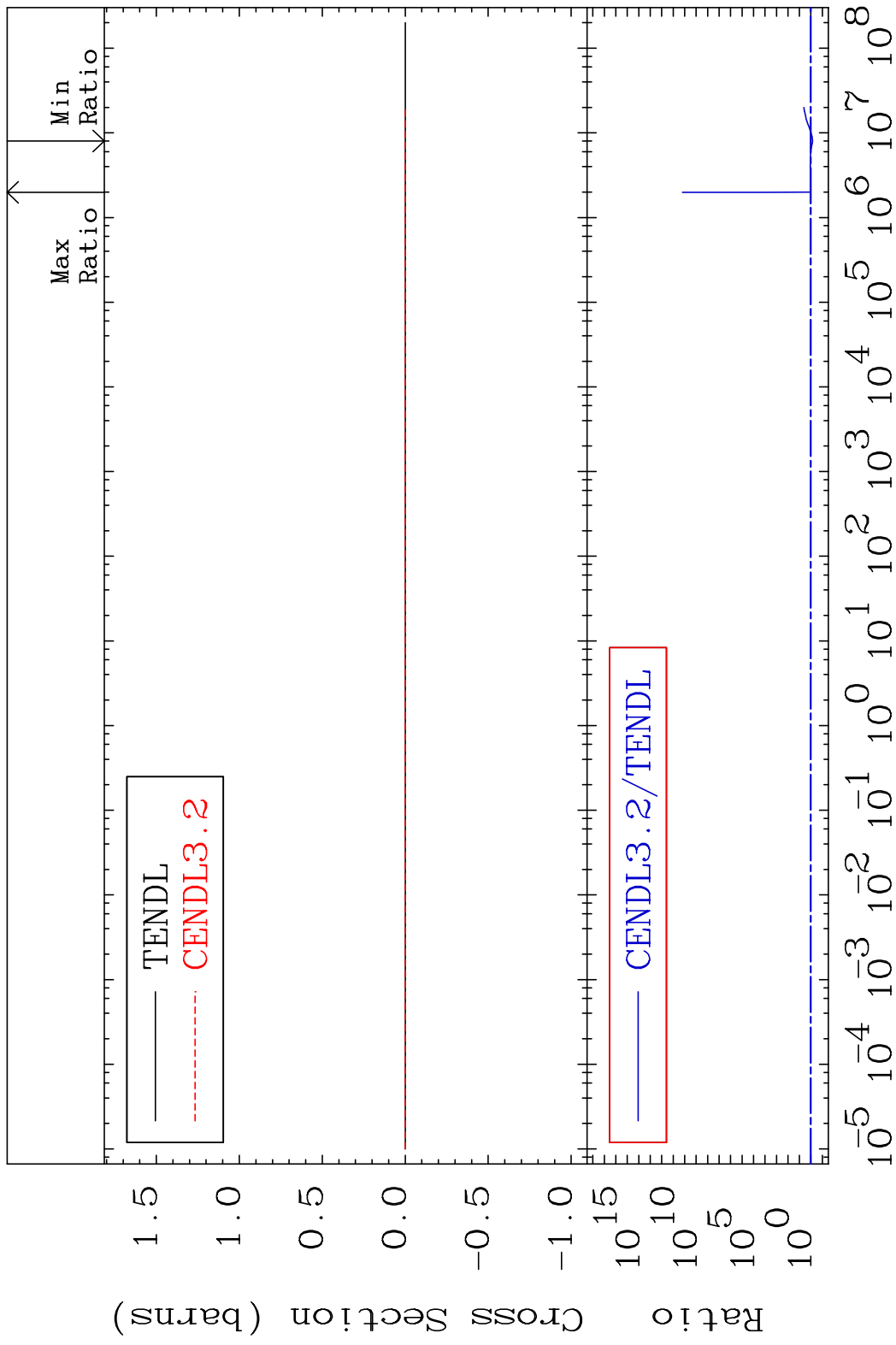
MAT 1228 Kerma non-elastic (all but mt2) 12-Mg-25
 Cross Section -99.82 To 9999. %



MAT 1228 Kerma inelastic (mt51-91) 12-Mg-25
 Cross Section -28.35 To 9999. %



MAT 1228 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-25
 Cross Section -28.35 To 9999. %

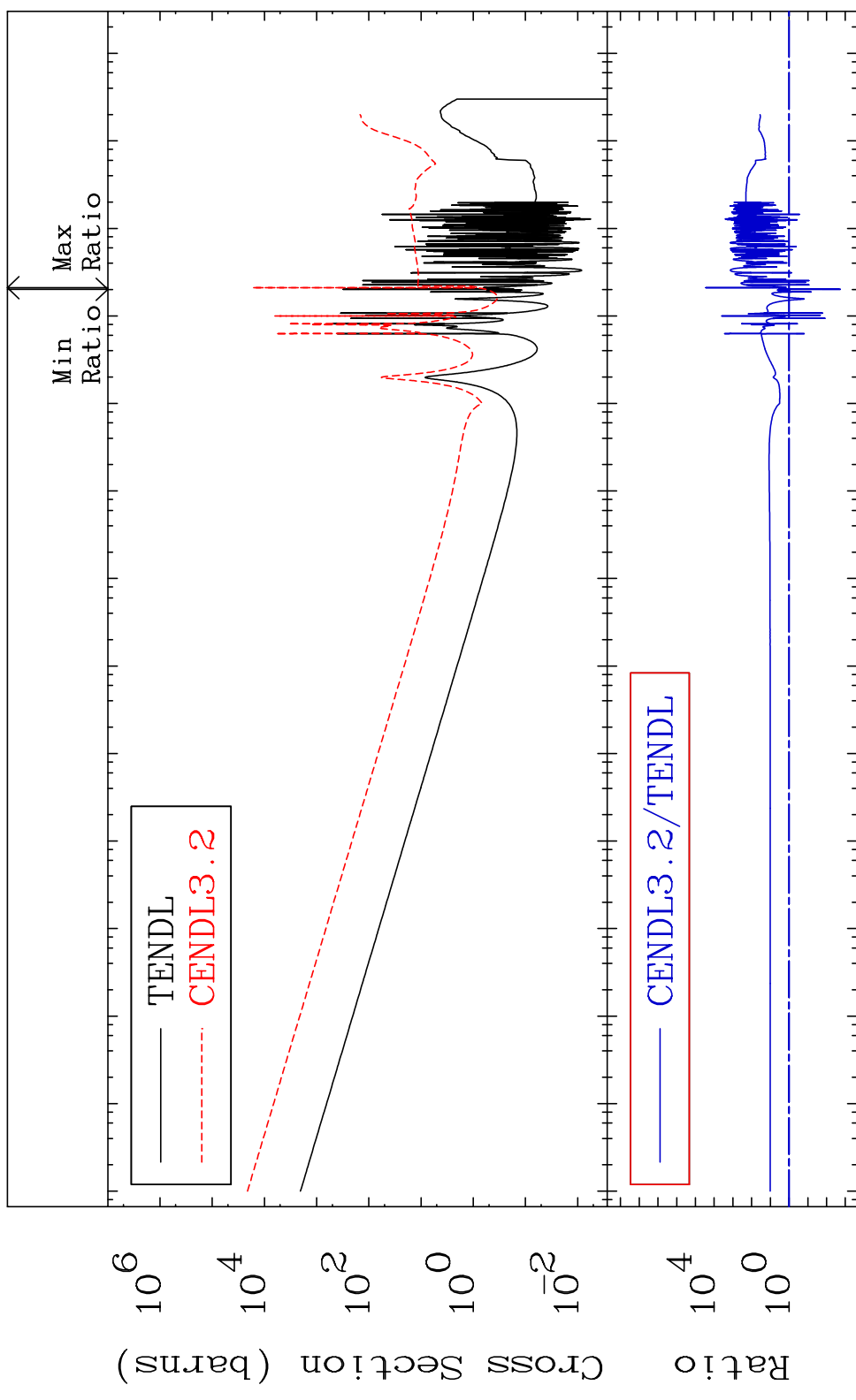


MAT 1228

Kerma capture (mt102)

12-Mg-25

Cross Section -99.82 To 9999. %

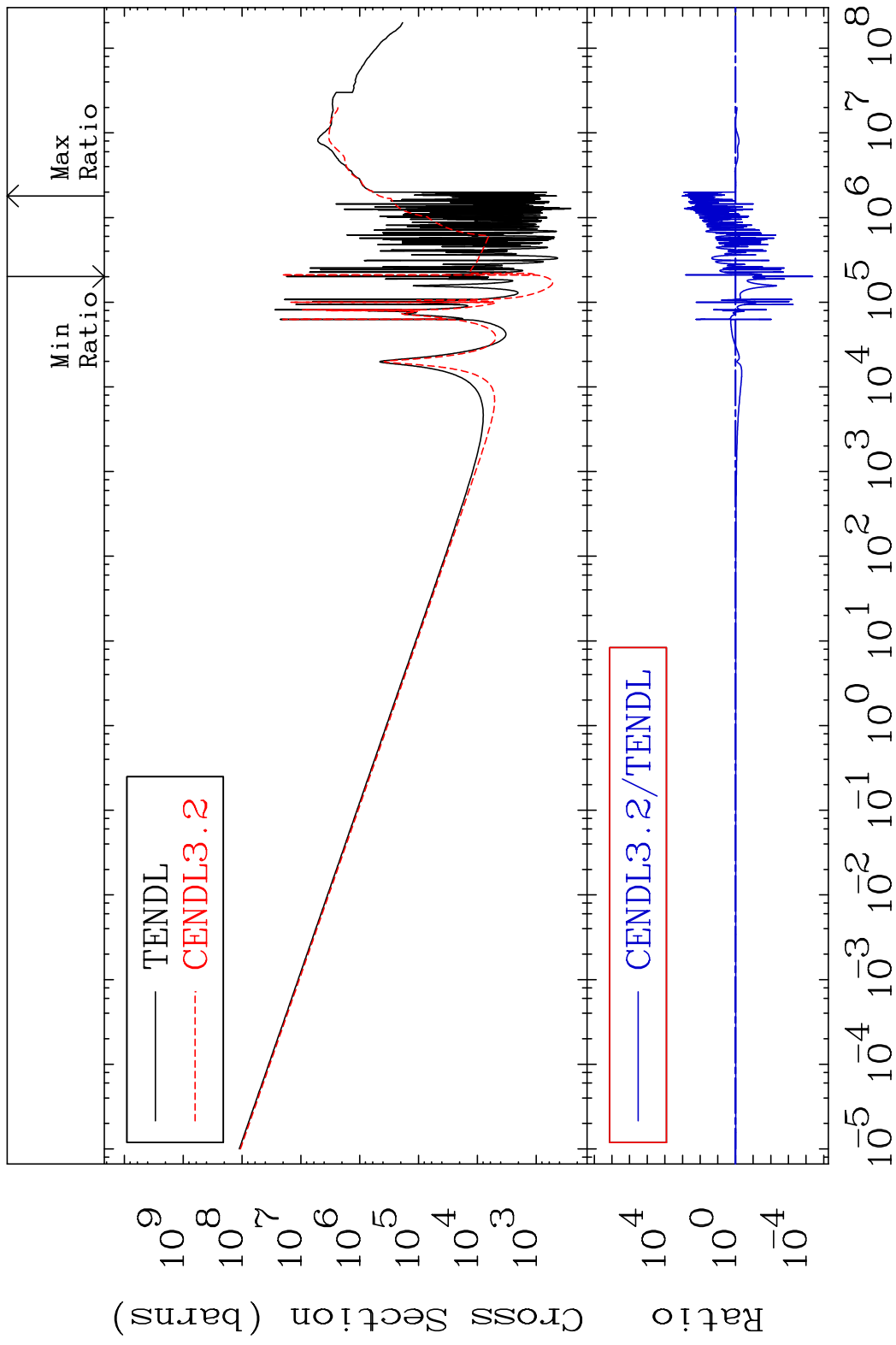


32

Incident Energy (eV)

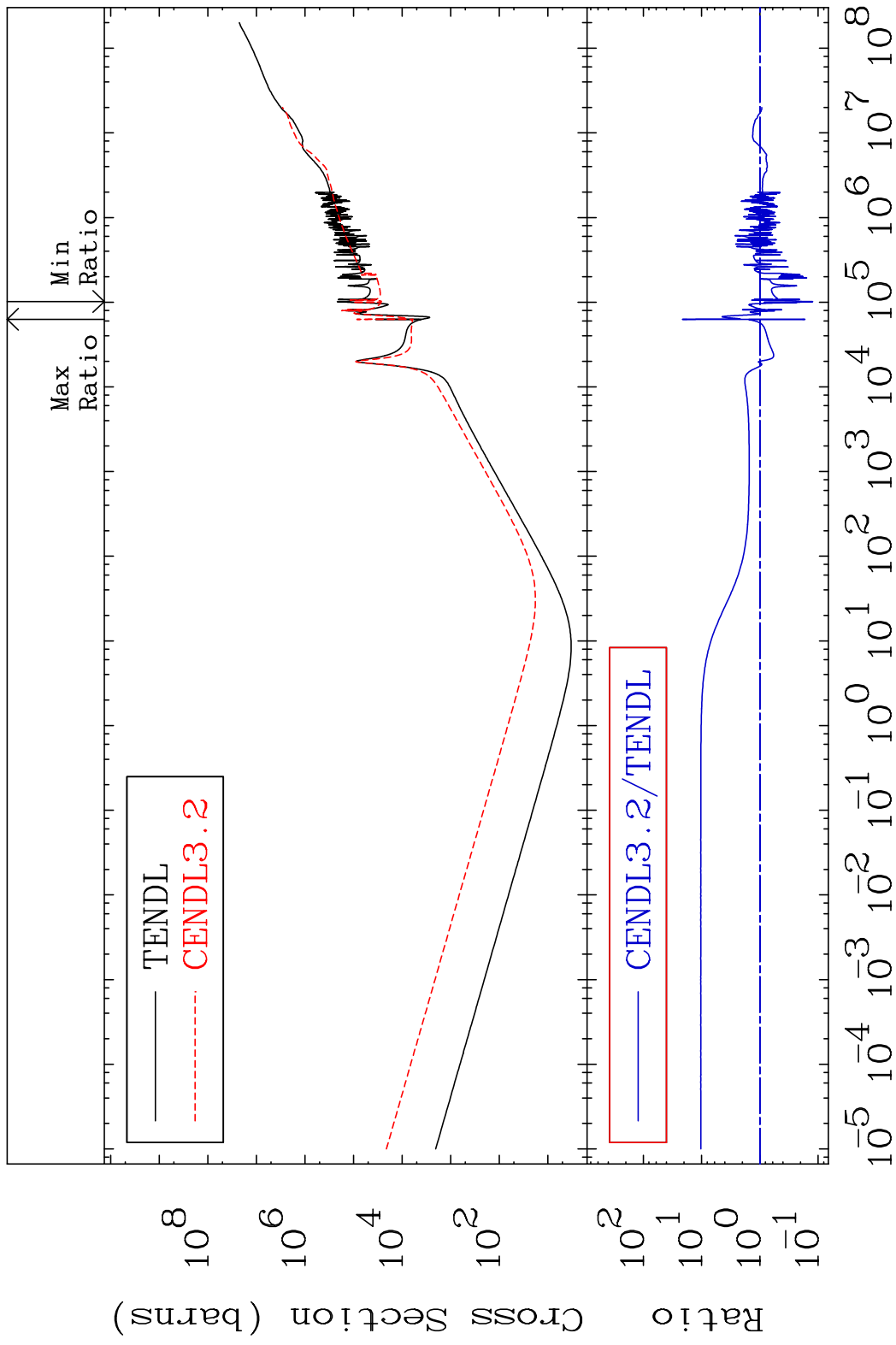
12-Mg-25

MAT 1228 Total photon (eV-barns) 12-Mg-25
 Cross Section -100.0 To 9999. %



33 Incident Energy (eV) 12-Mg-25

MAT 1228 Total kinematic kerma (high limit) 12-Mg-25
 Cross Section -87.54 To 2038. %

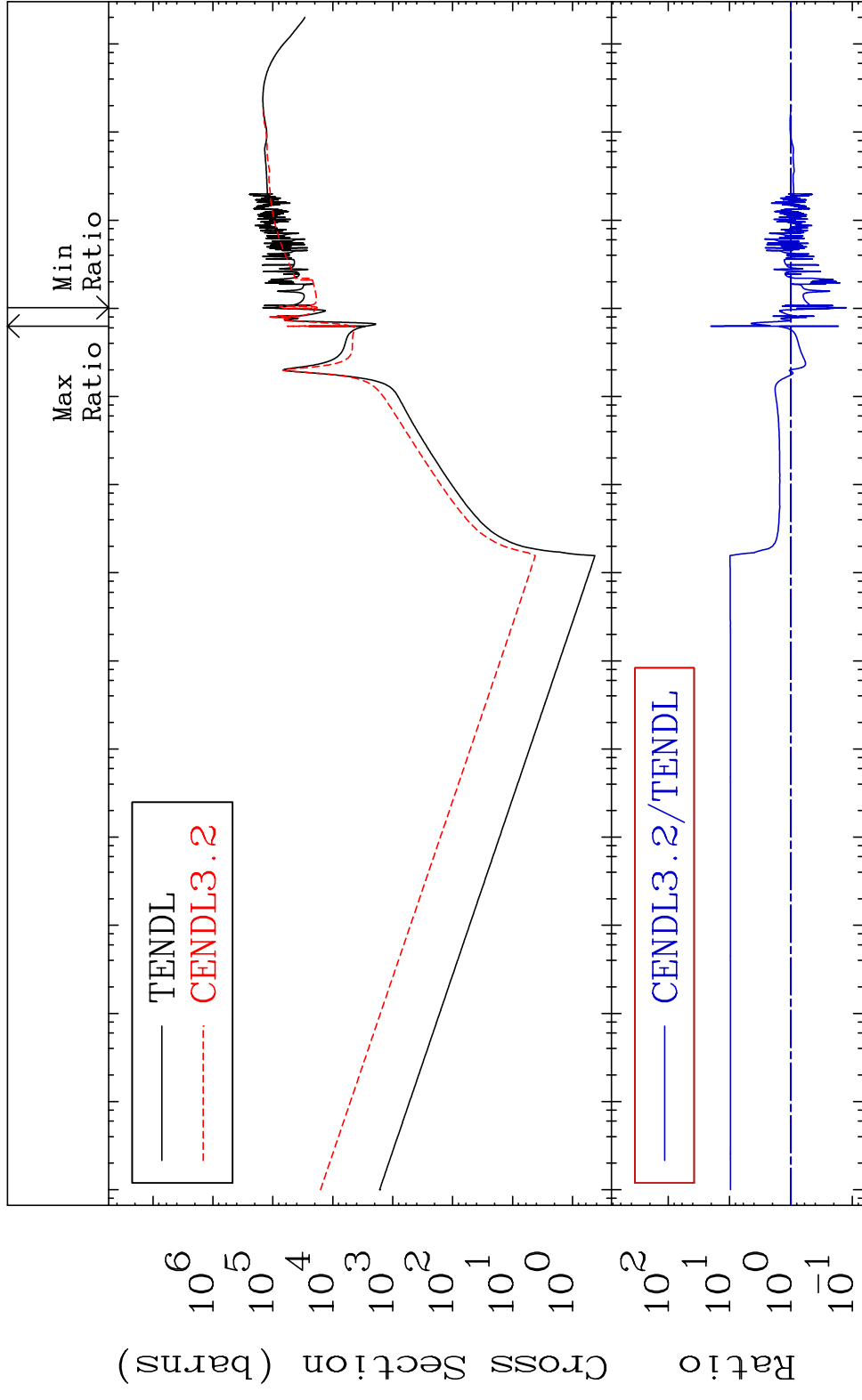


MAT 1228

Dpa total (eV-barns)

12-Mg-25

Cross Section -87.53 To 1935. %



35

Incident Energy (eV)

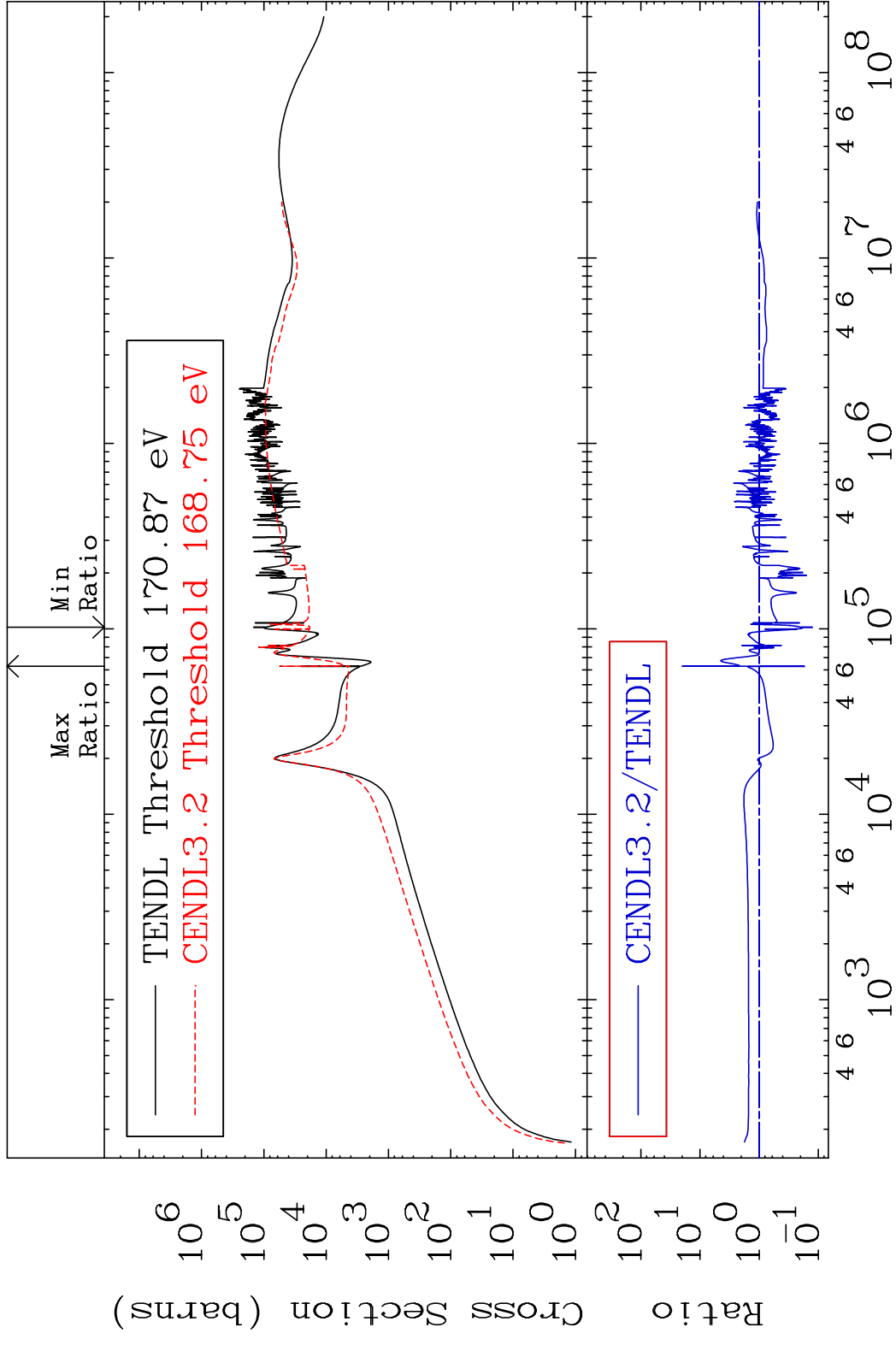
12-Mg-25

MAT 1228

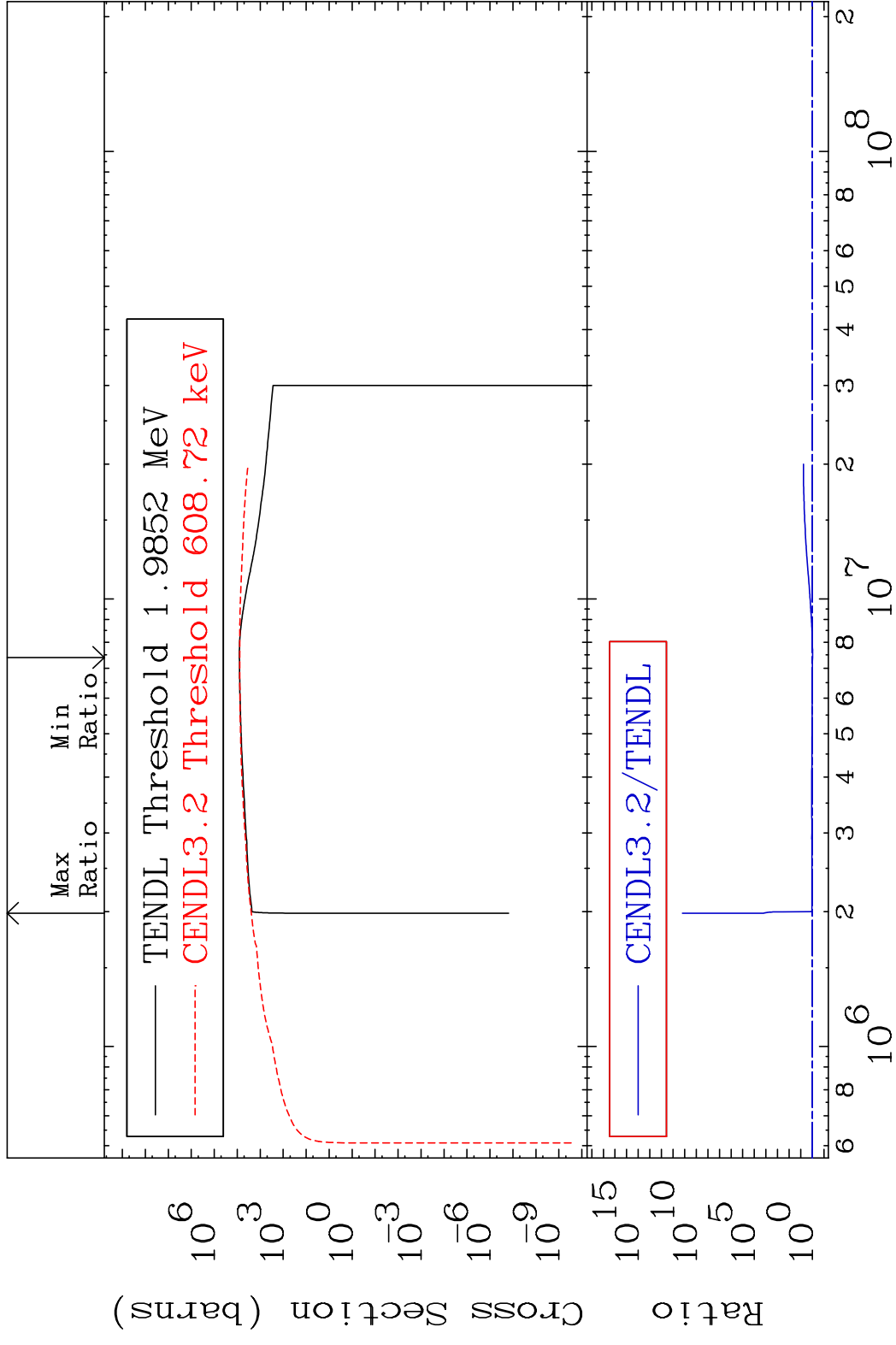
Dpa elastic (mt2)

12-Mg-25

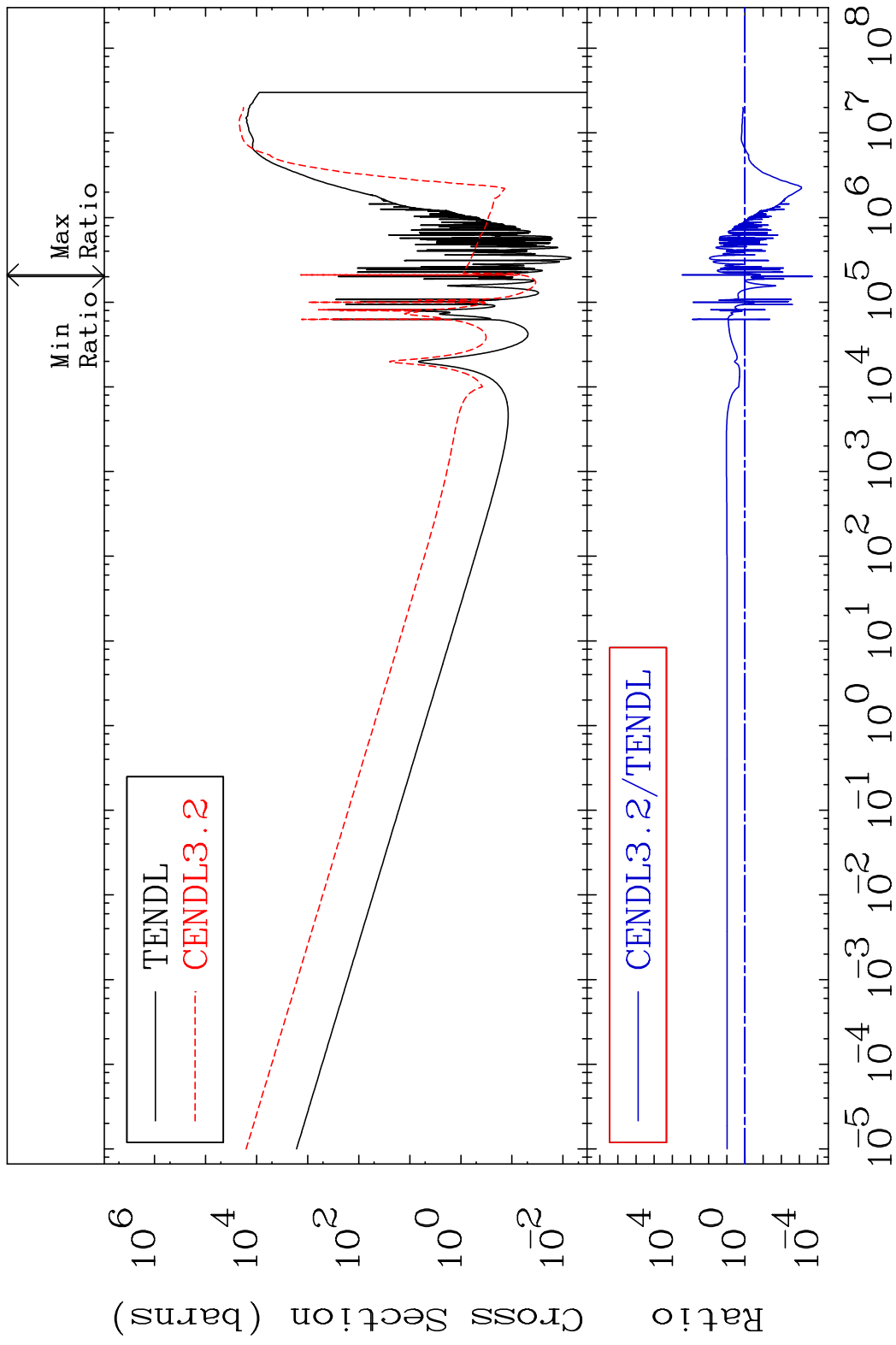
Cross Section -87.52 To 1890. %



MAT 1228 Dpa inelastic (mt51-91) 12-Mg-25
 Cross Section -4.019 To 9999. %

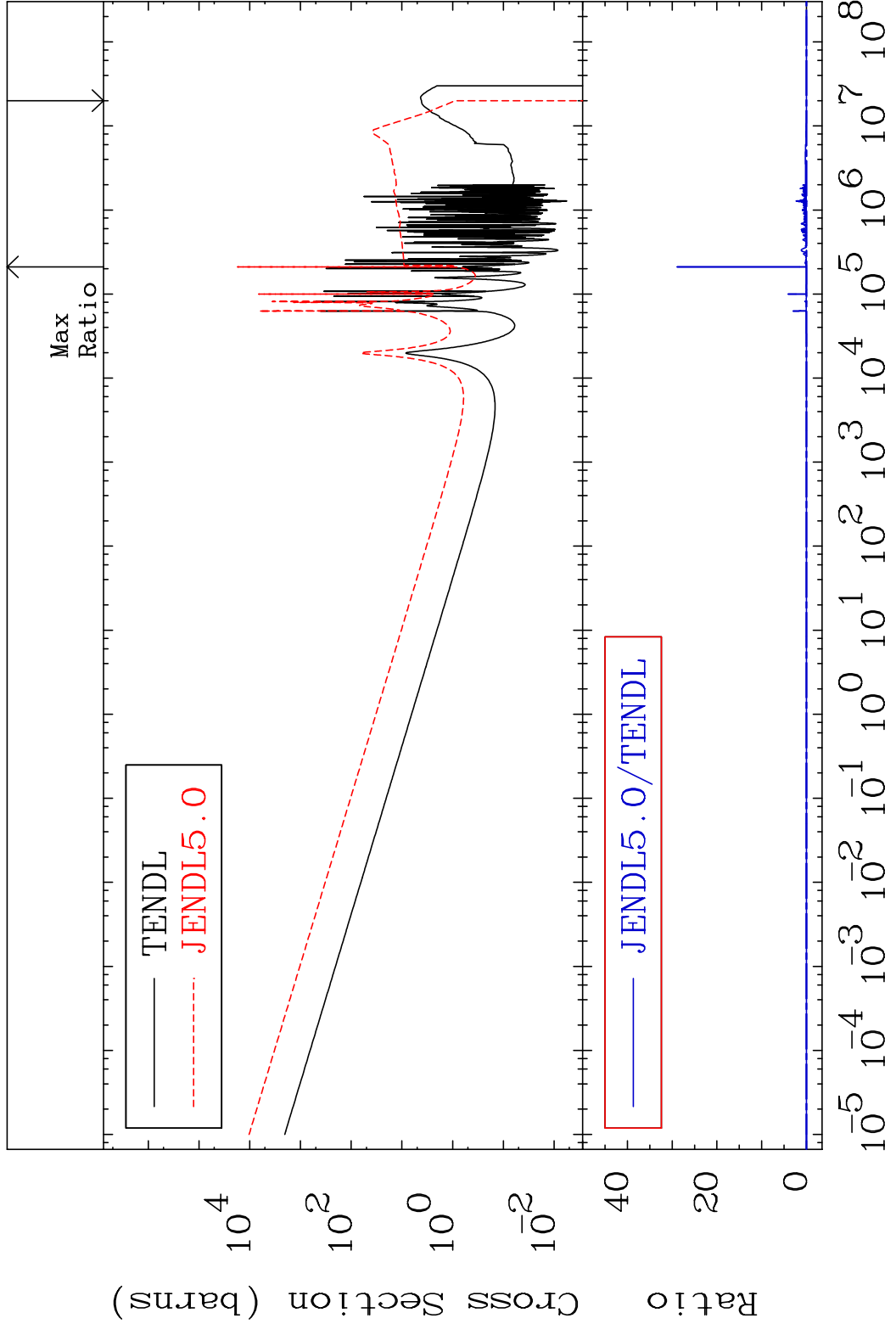


MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25
 Cross Section -99.98 To 9999. %



MAT 1228

Kerma capture (mt102) 12-Mg-25
Cross Section -100.0 To 9999. %

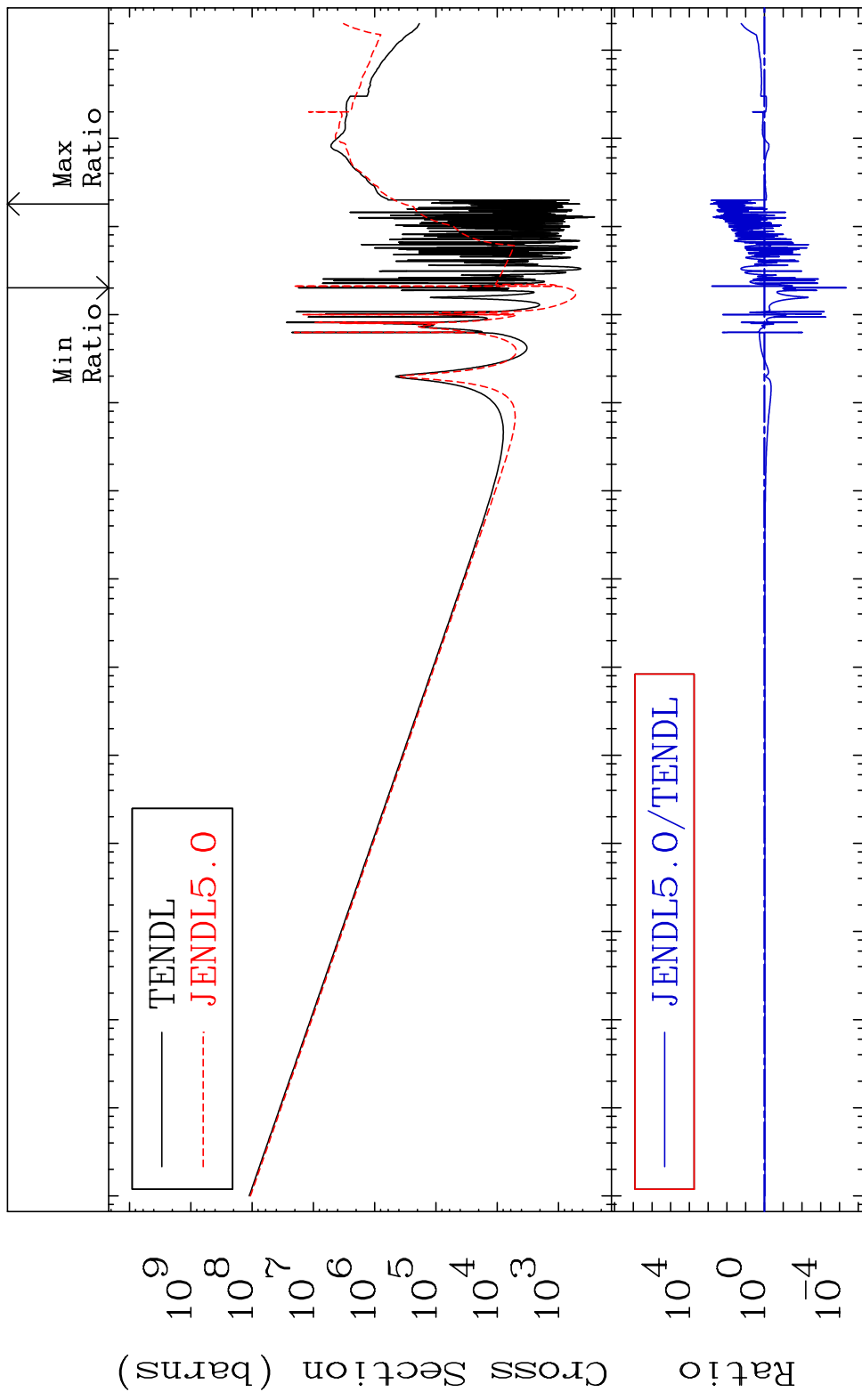


39

Incident Energy (eV)

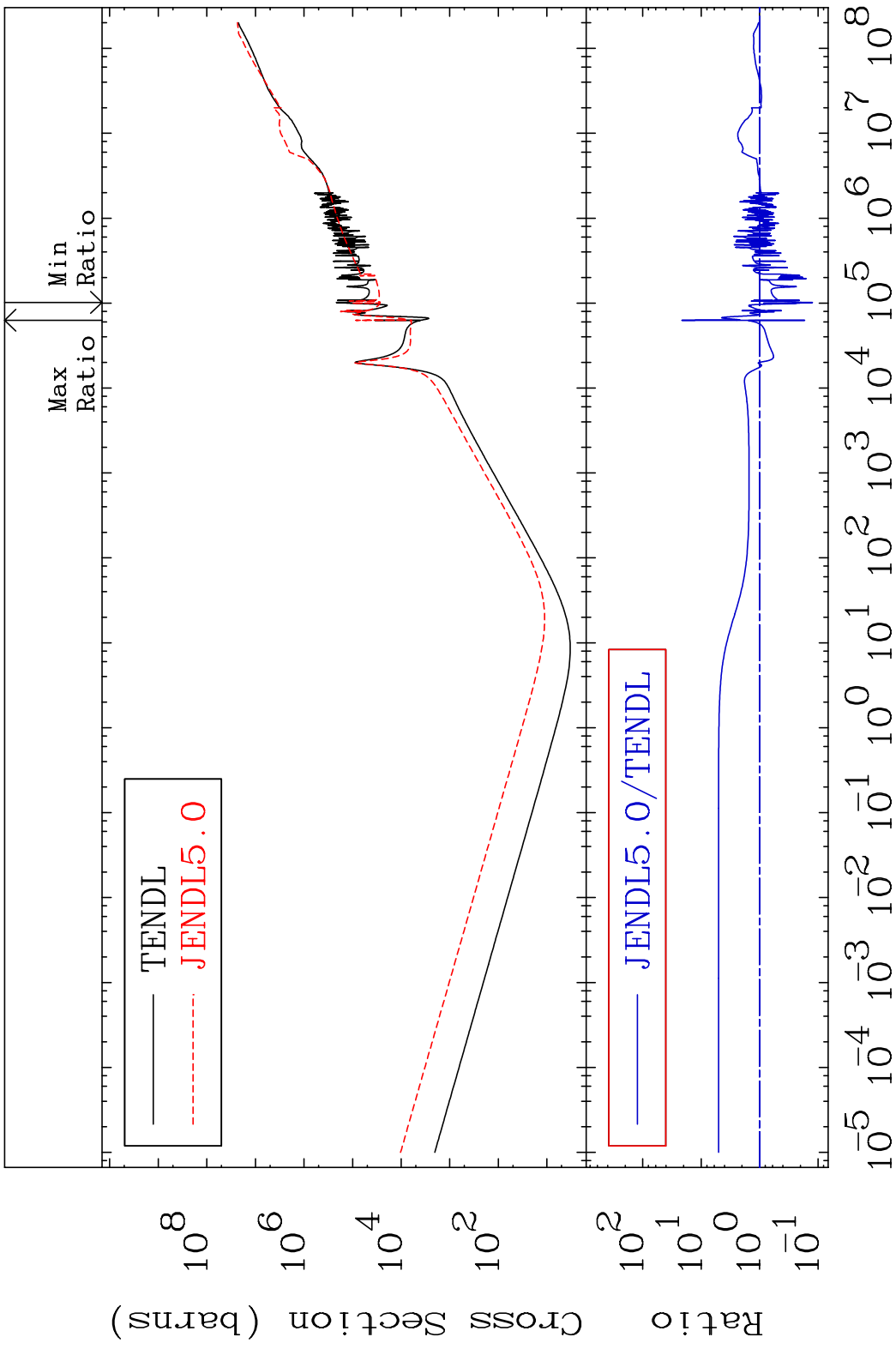
12-Mg-25

MAT 1228 Total photon (eV-barns) 12-Mg-25
Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 12-Mg-25

MAT 1228 Total kinematic kerma (high limit) 12-Mg-25
Cross Section -87.48 To 2053. %

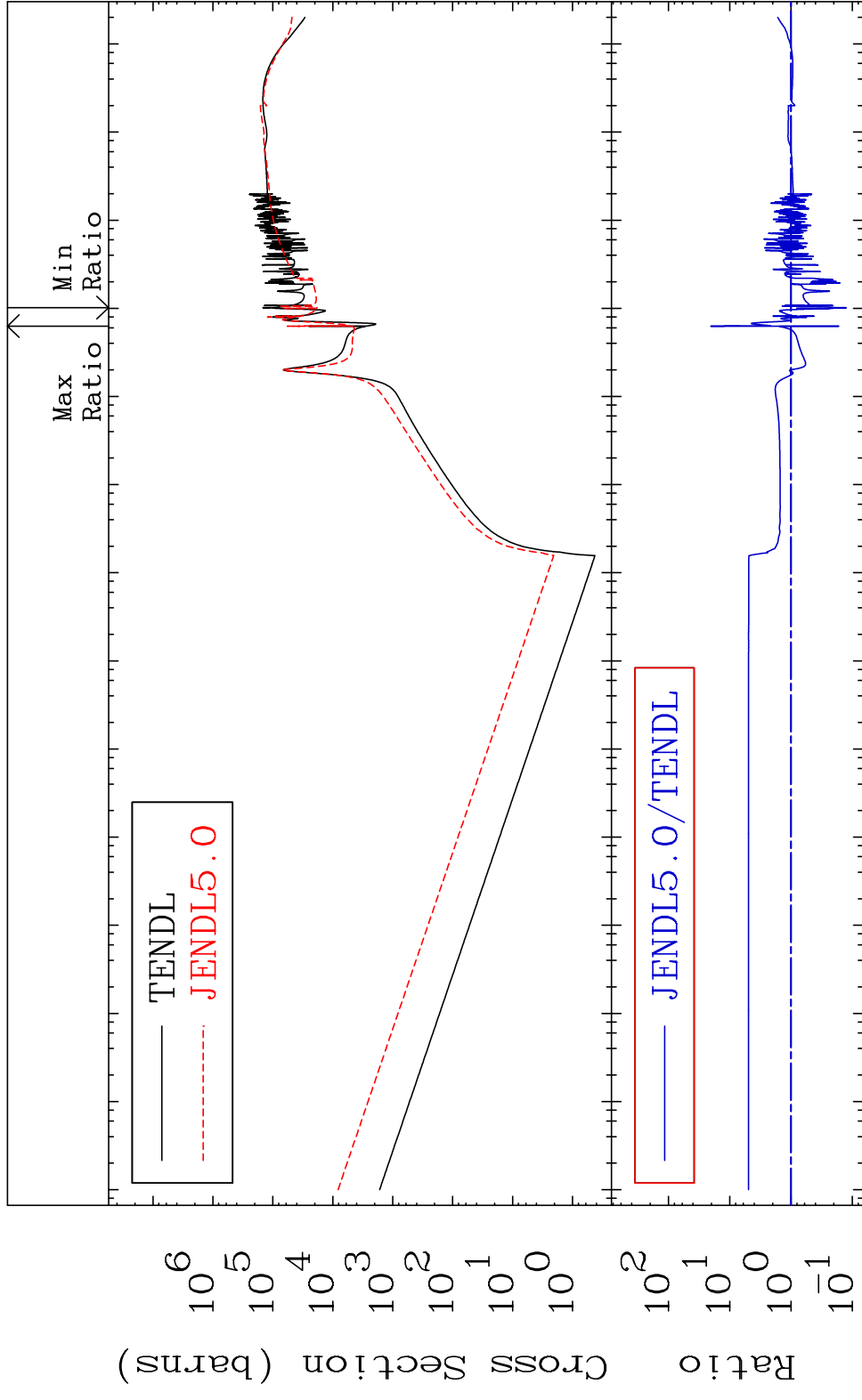


MAT 1228

Dpa total (eV-barns)

12-Mg-25

Cross Section -87.47 To 1950. %



42

Incident Energy (eV)

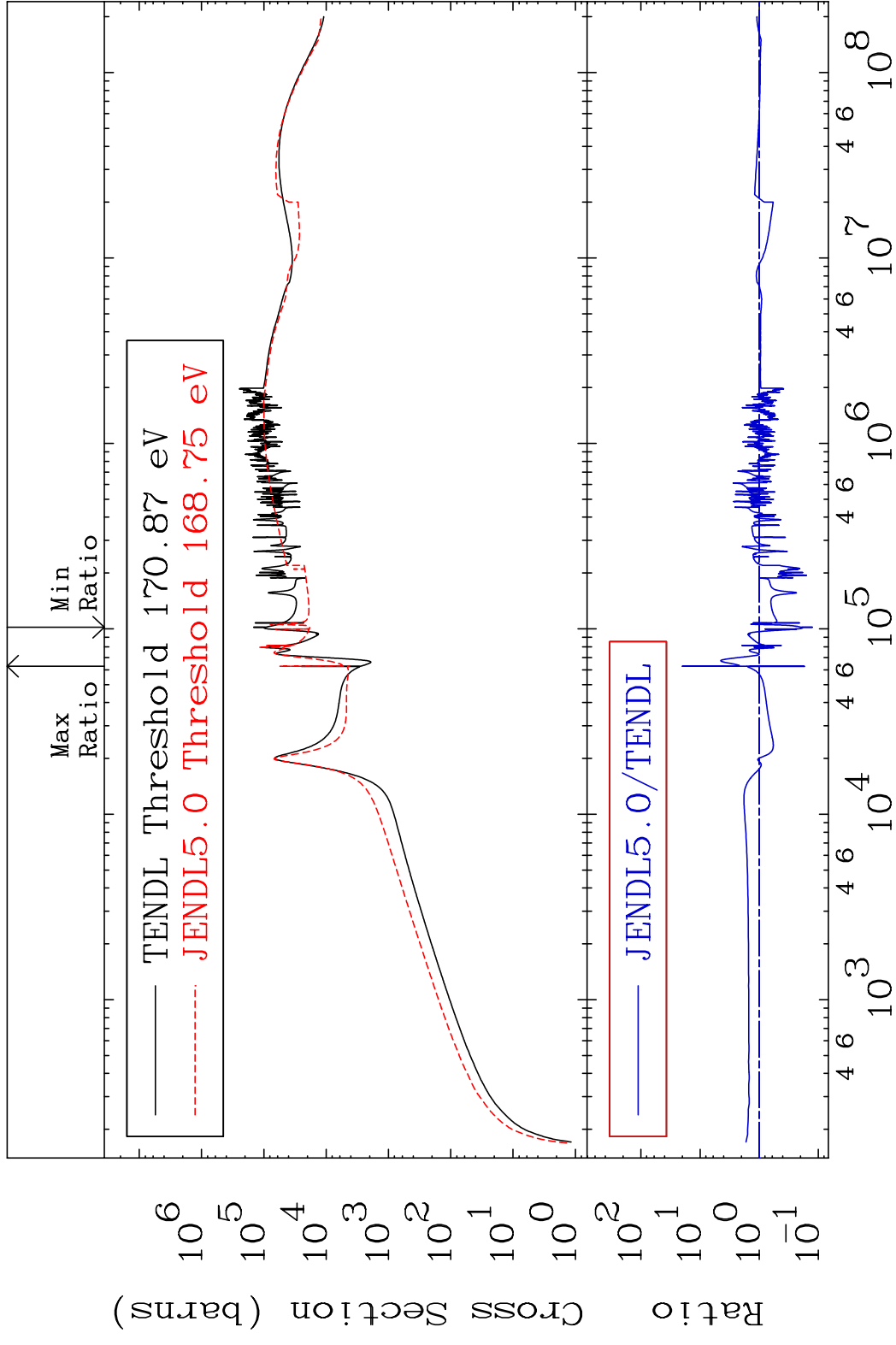
12-Mg-25

MAT 1228

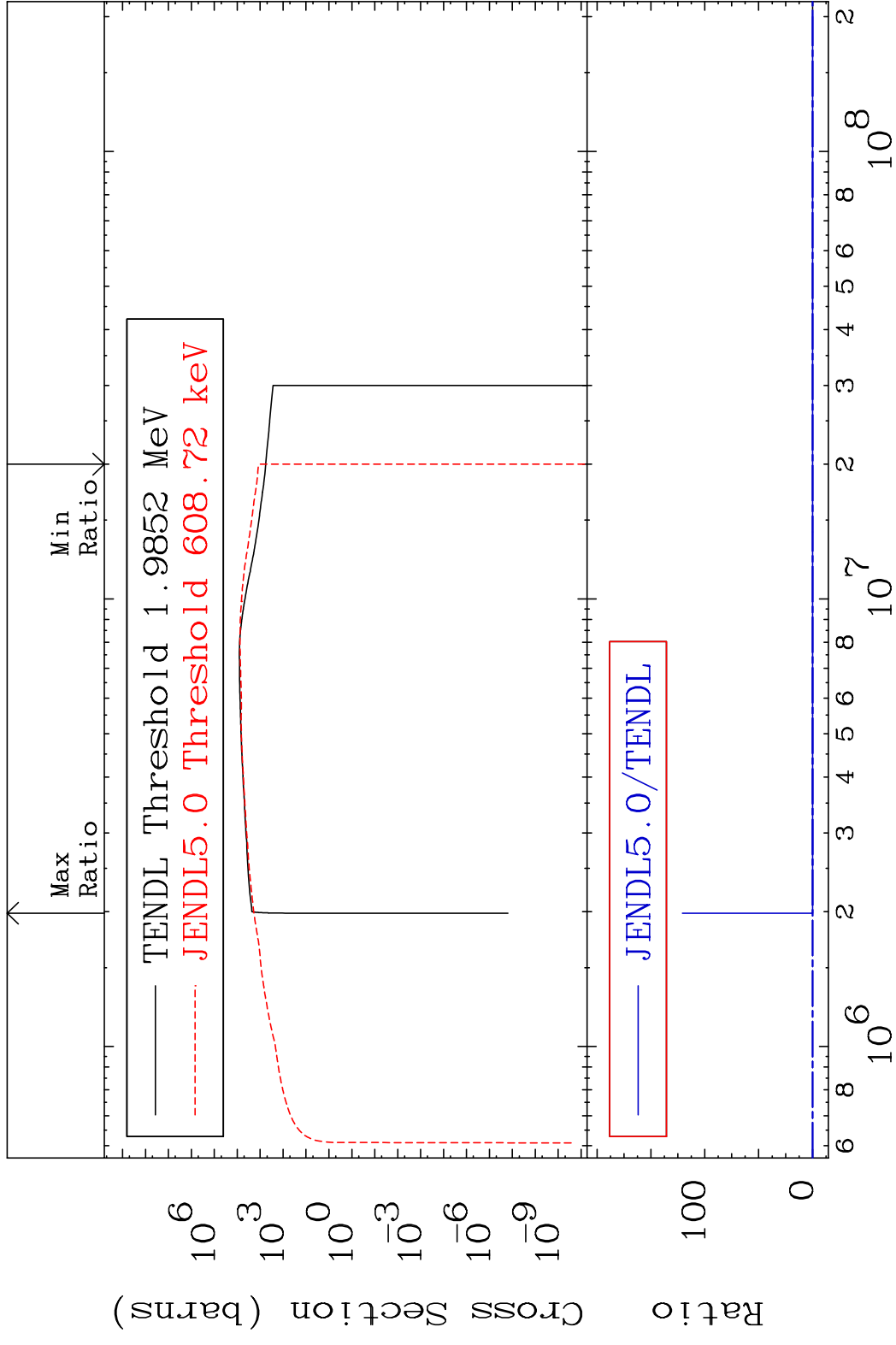
Dpa elastic (mt2)

12-Mg-25

Cross Section -87.46 To 1895. %

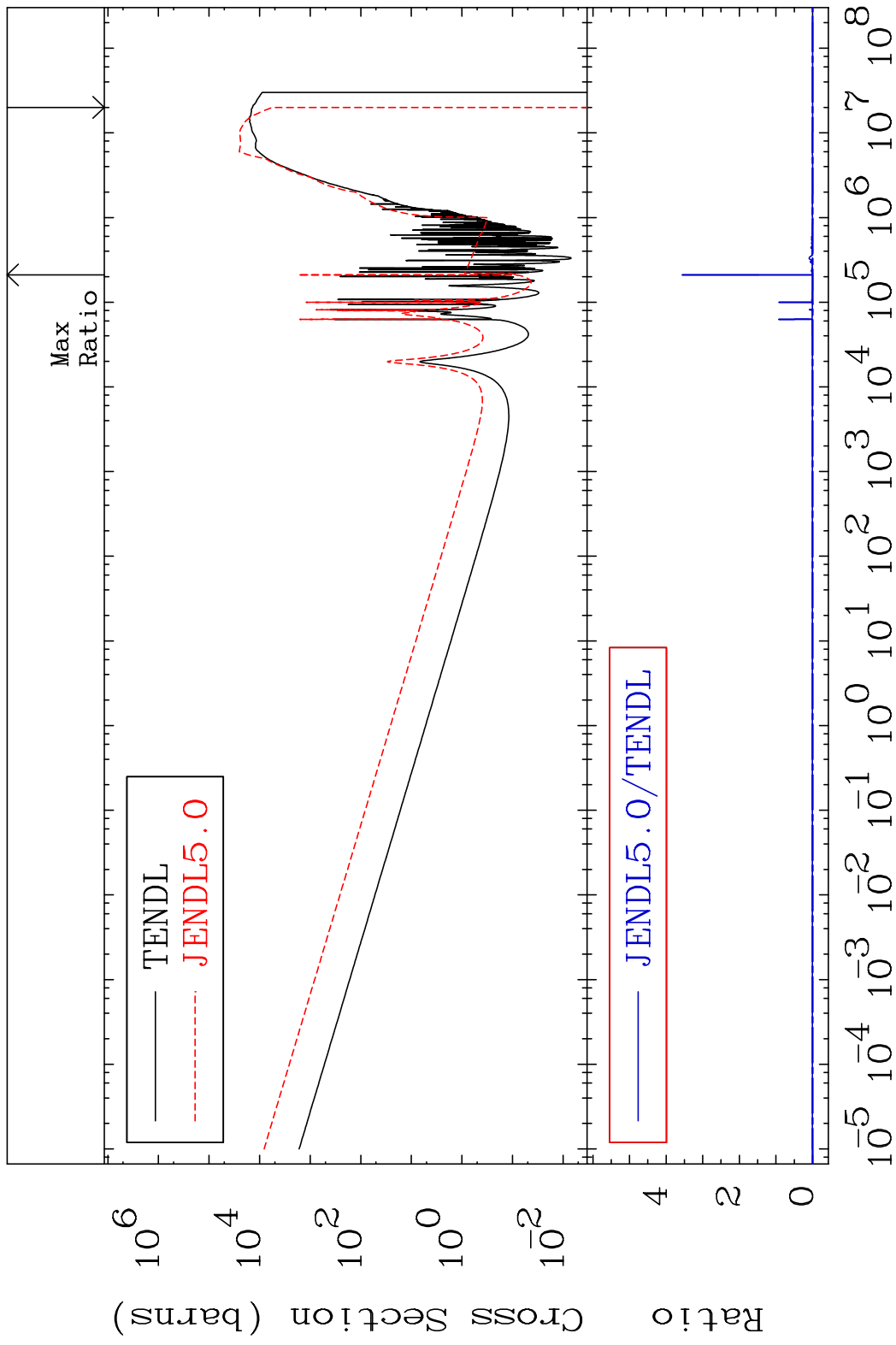


MAT 1228 Dpa inelastic (mt51-91) 12-Mg-25
 Cross Section -100.0 To 9999. %



44 12-Mg-25

MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25
Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

12-Mg-25