

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

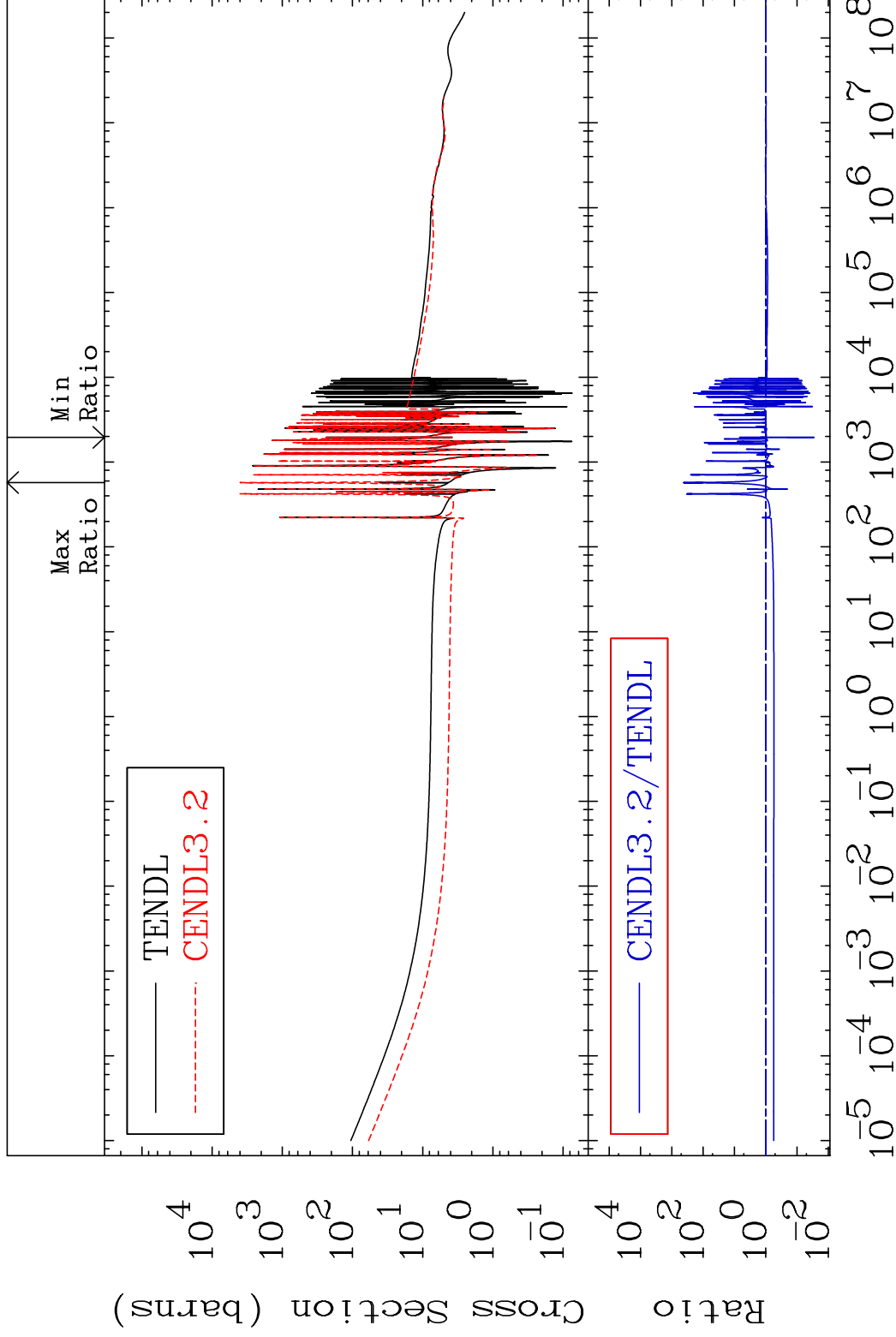
MAT 6449

Total

64-Gd-160

Cross Section

-97.14 To 9999. %



1

Incident Energy (eV)

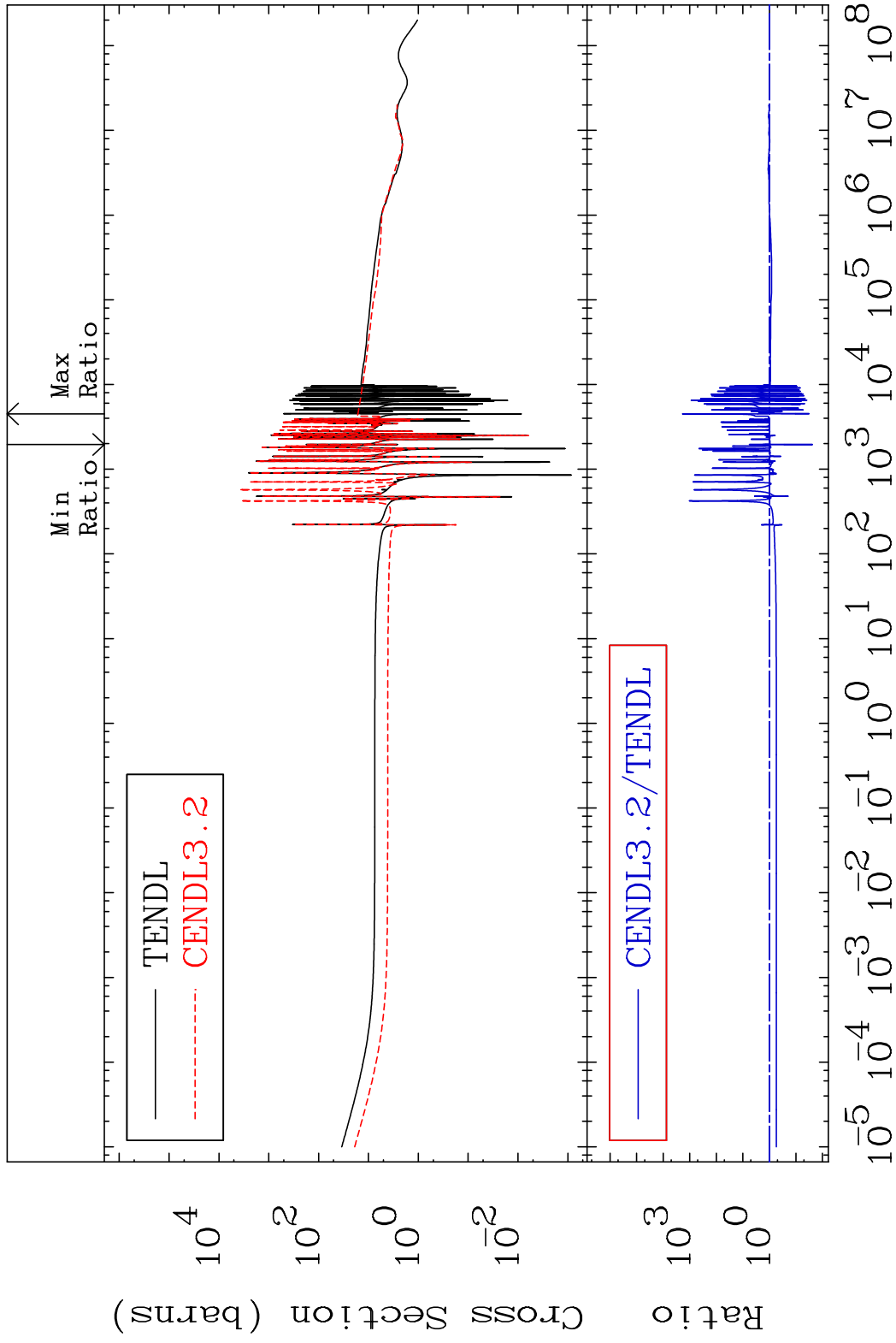
64-Gd-160

MAT 6449

Elastic

64-Gd-160

Cross Section -97.63 To 9999. %

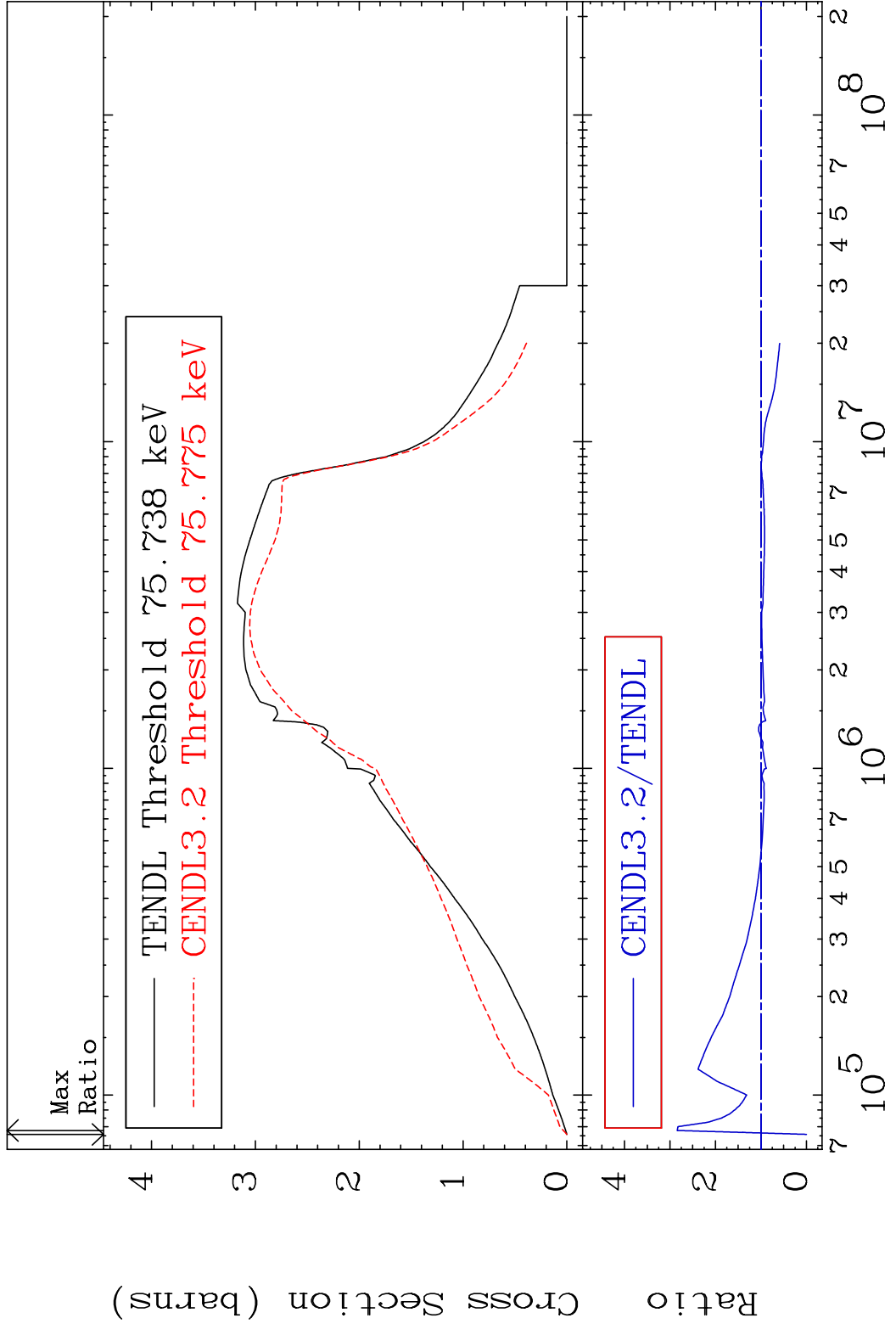


2

Incident Energy (eV)

64-Gd-160

MAT 6449 Inelastic 64-Gd-160
 Cross Section -100.0 To 184.1 %



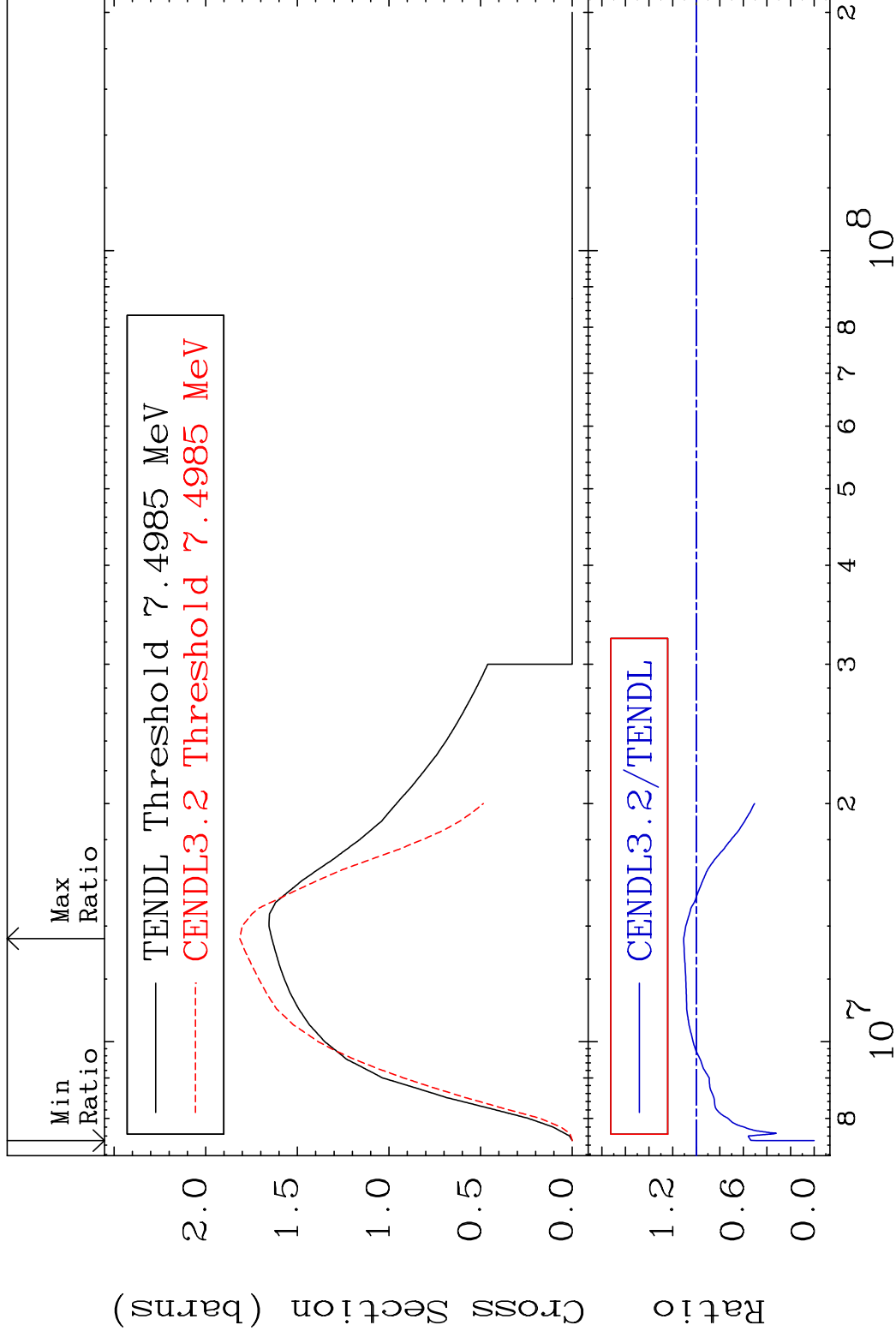
3 64-Gd-160

MAT 6449

(n,2n)

64-Gd-160

Cross Section -100.0 To 10.64 %



4

Incident Energy (eV)

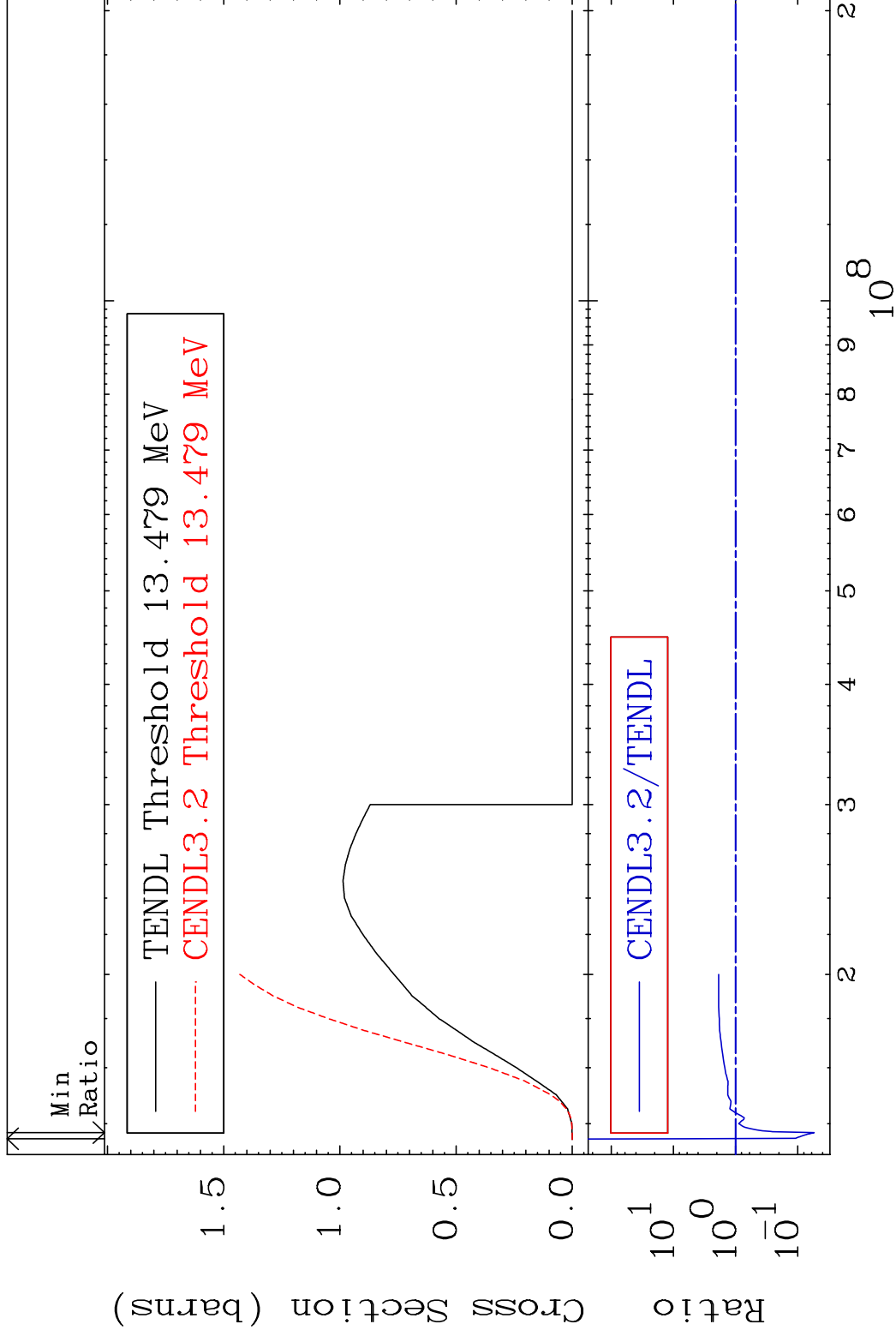
64-Gd-160

MAT 6449

(n,3n)

64-Gd-160

Cross Section -94.53 To 583.4 %

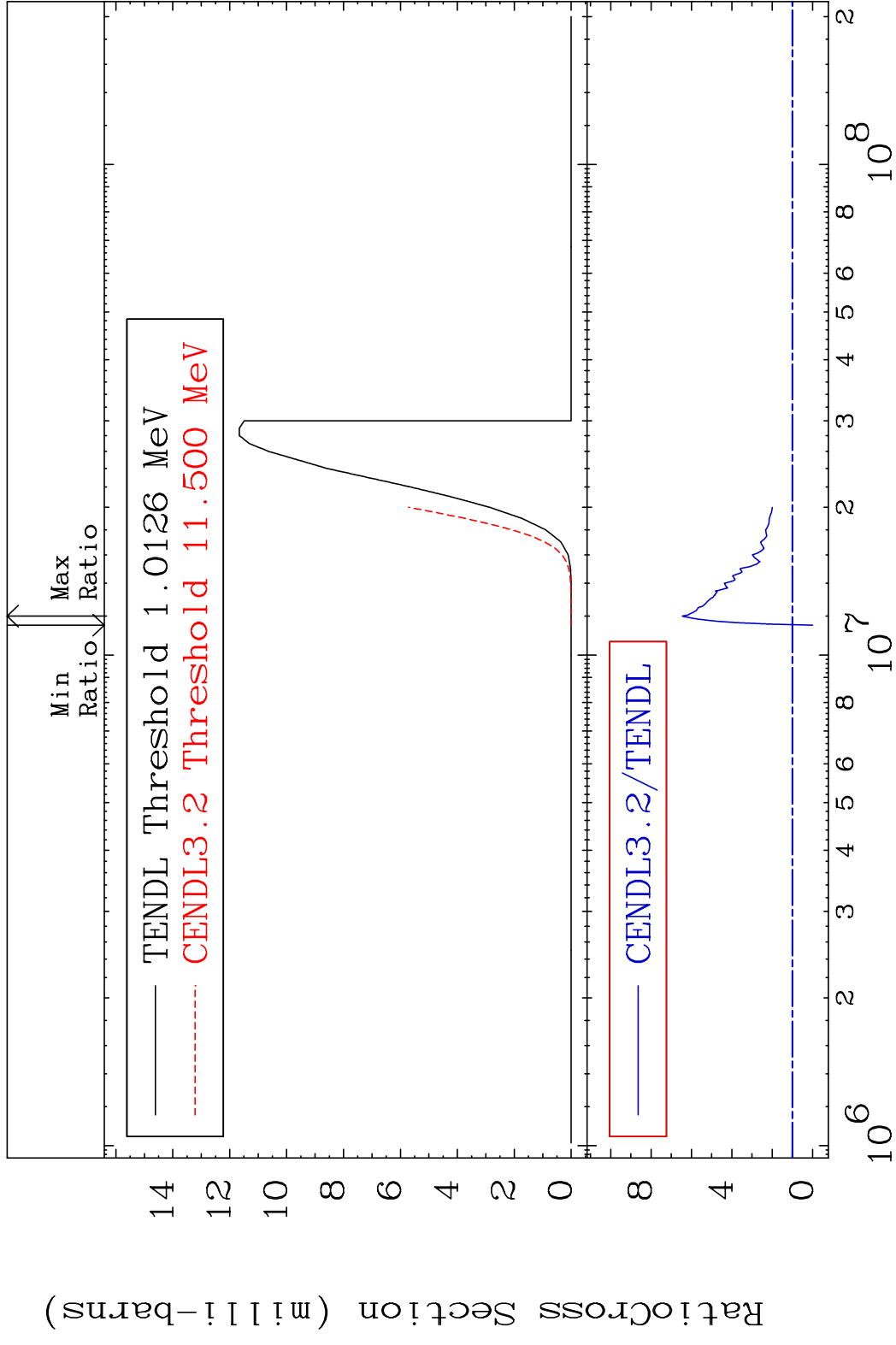


5

Incident Energy (eV)

64-Gd-160

MAT 6449 (n, n') α 64-Gd-160
 Cross Section -100.0 To 545.0 %



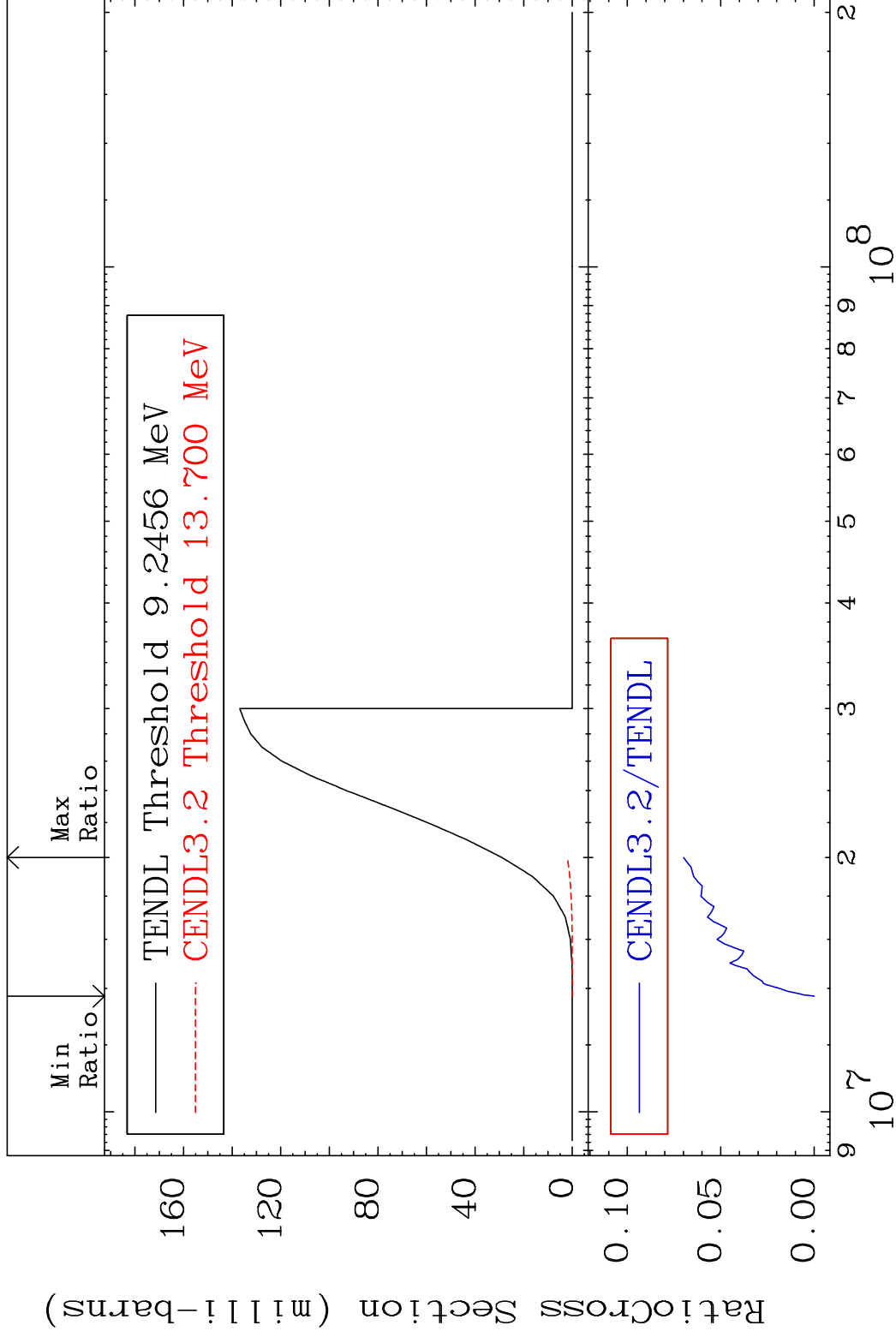
6 64-Gd-160

MAT 6449

(n, n') p

64-Gd-160

Cross Section -100.0 To -93.02%

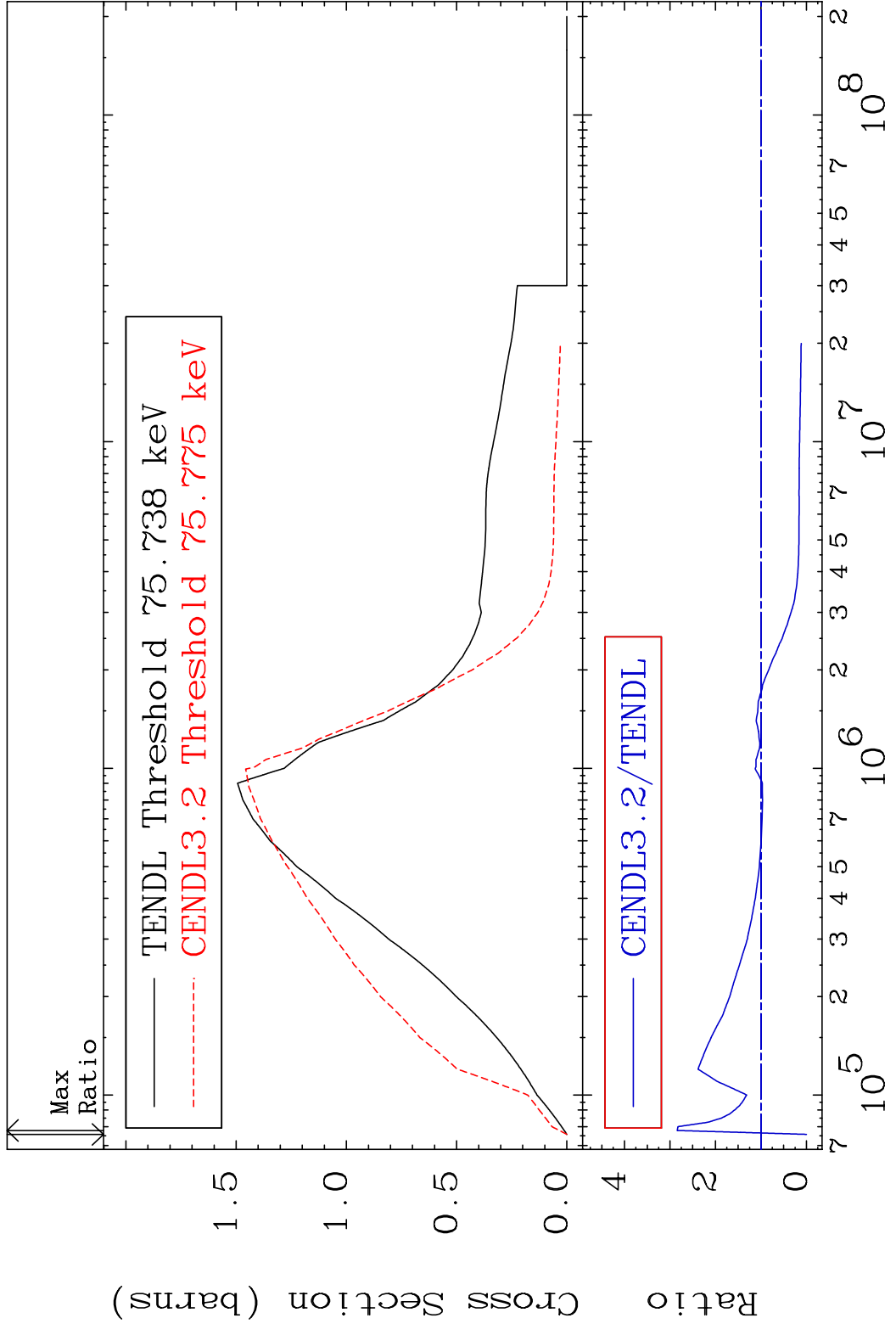


7

Incident Energy (eV)

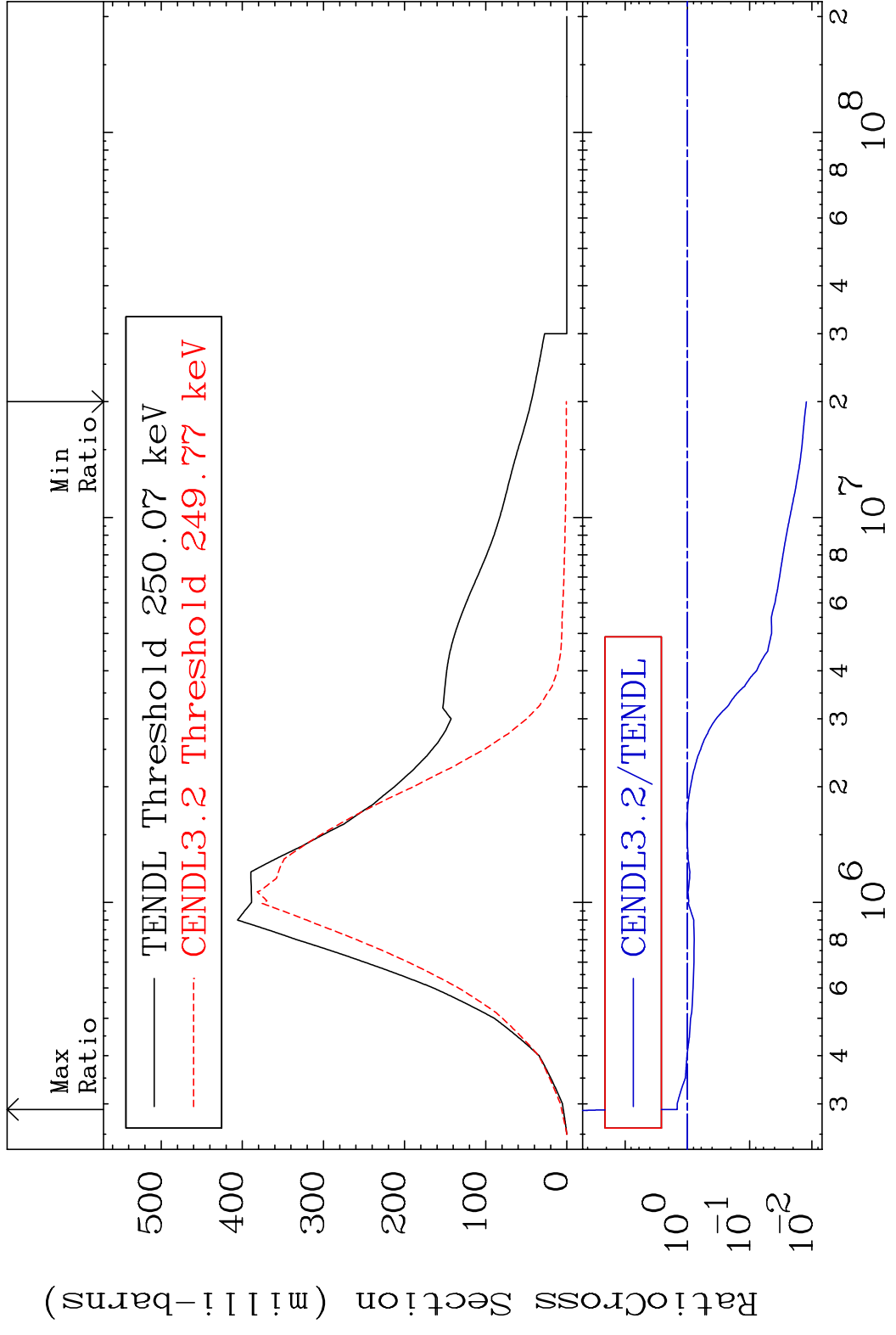
64-Gd-160

MAT 6449 MT= 51 (n,n') Level 64-Gd-160
 Cross Section -100.0 To 184.1 %

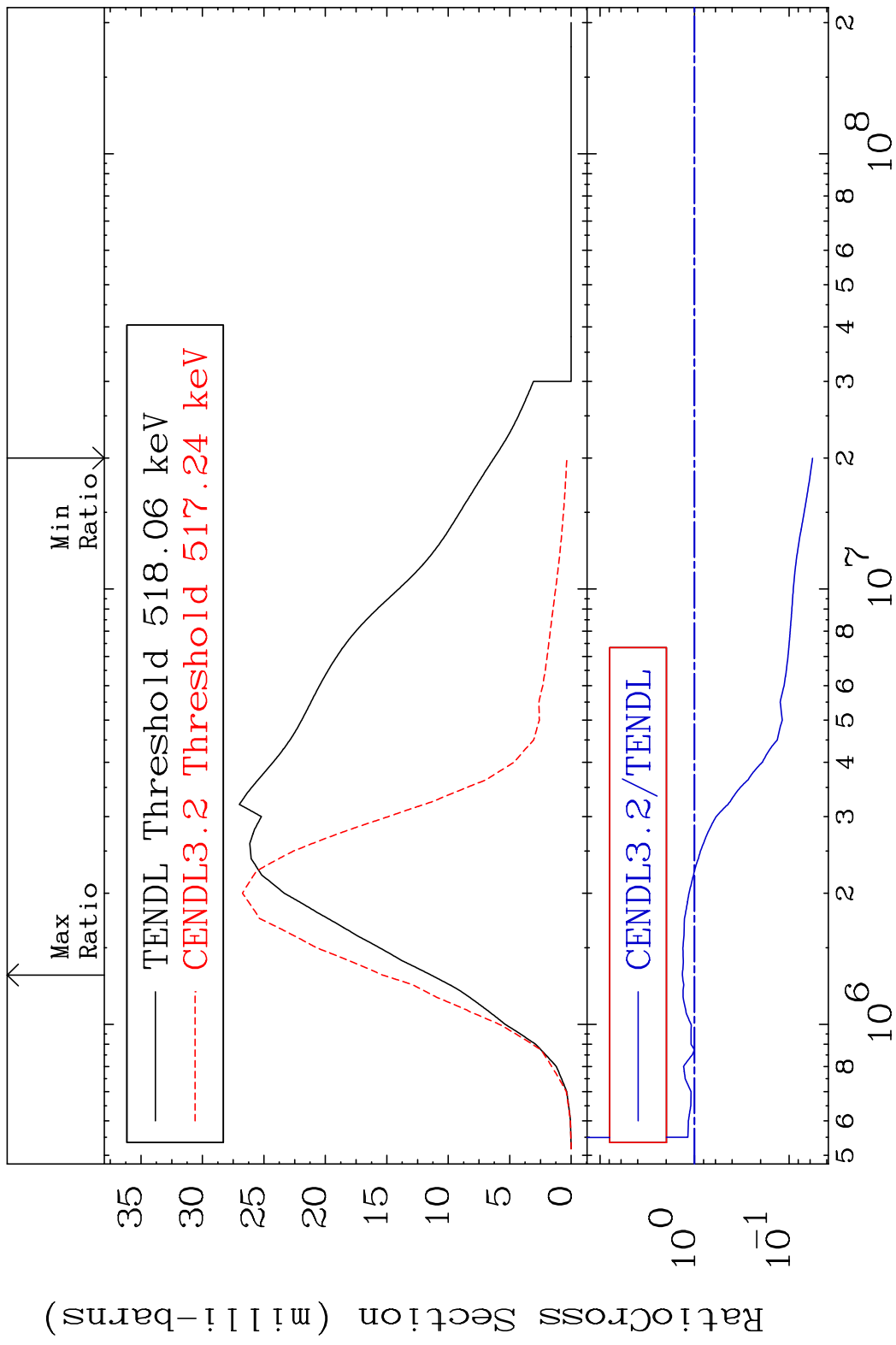


8 8 Incident Energy (eV) 64-Gd-160

MAT 6449 MT= 52 (n, n') Level 64-Gd-160
 Cross Section -98.77 To 45.77 %

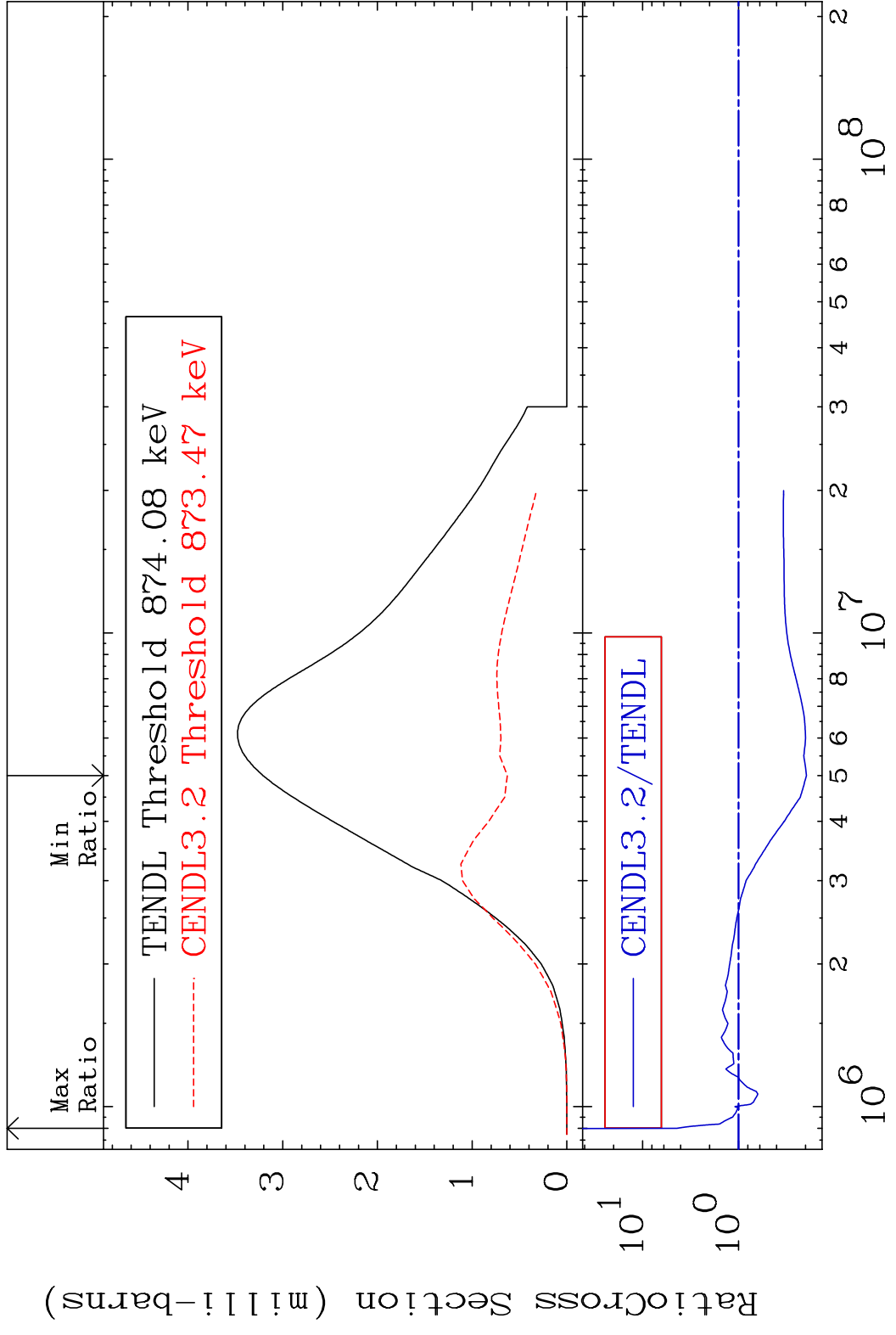


MAT 6449 MT= 53 (n, n') Level 64-Gd-160
 Cross Section -94.36 To 34.61 %

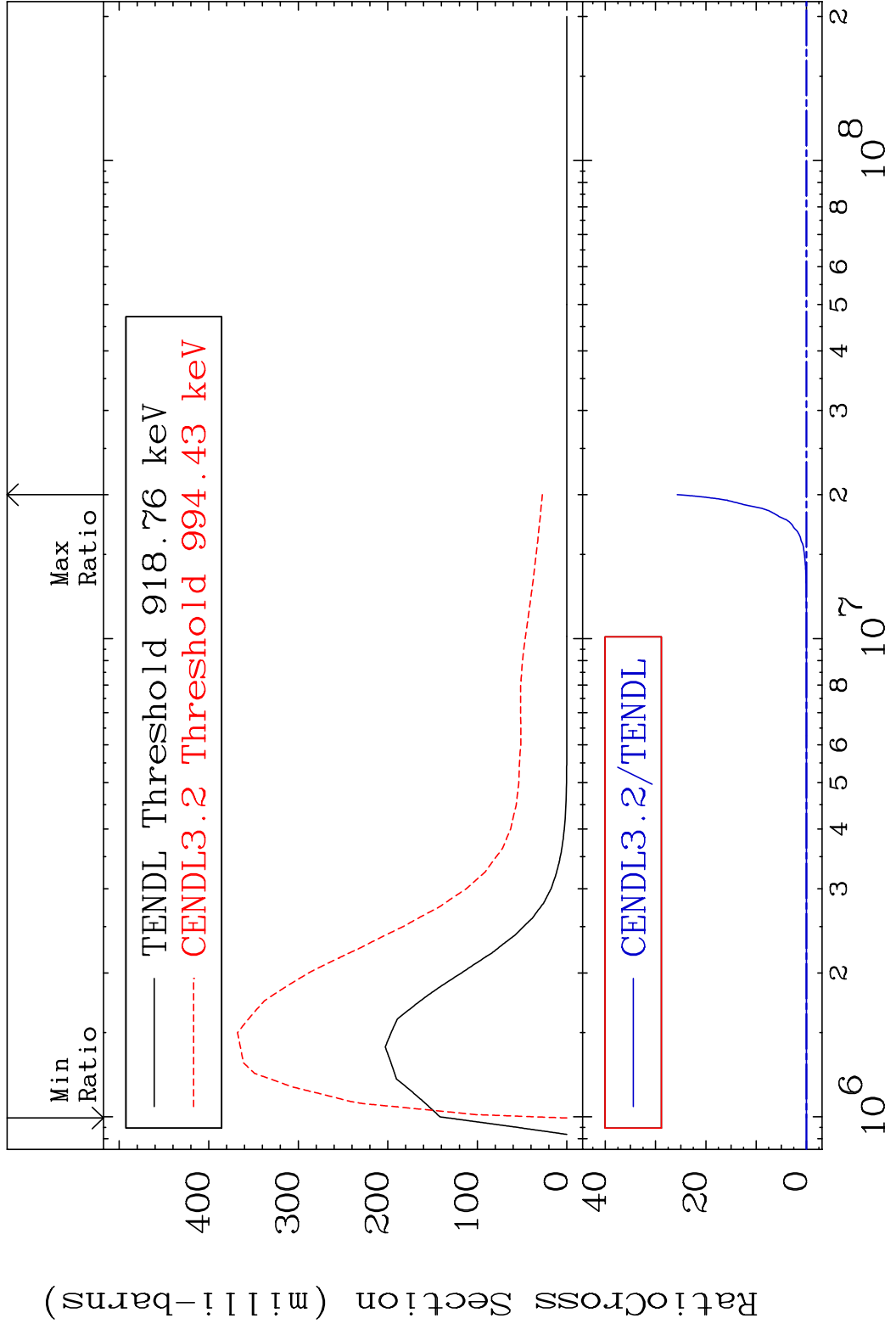


10 Incident Energy (eV) 64-Gd-160

MAT 6449 MT= 54 (n, n') Level 64-Gd-160
 Cross Section -80.41 To 335.3 %

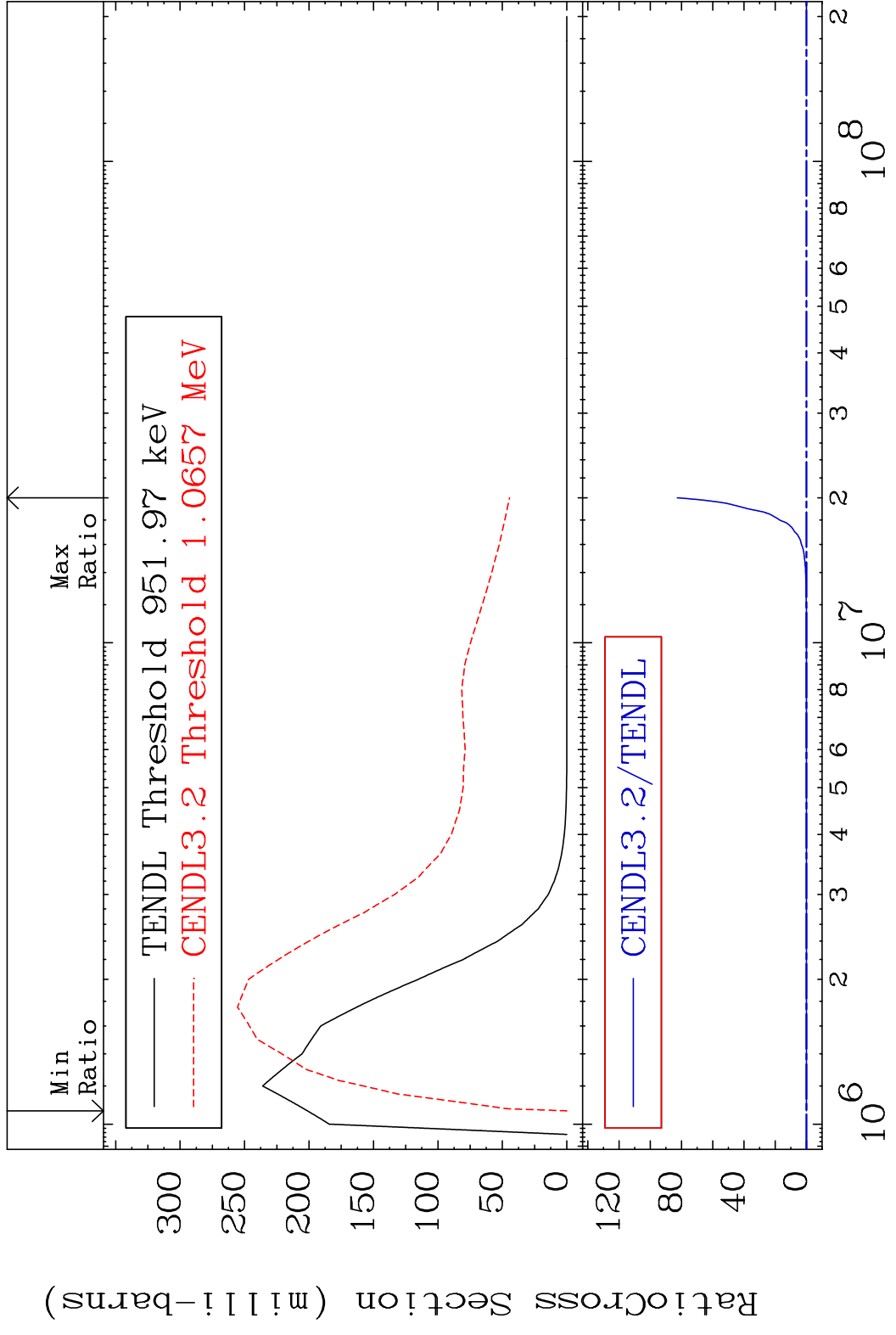


MAT 6449 MT= 55 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 9999. %



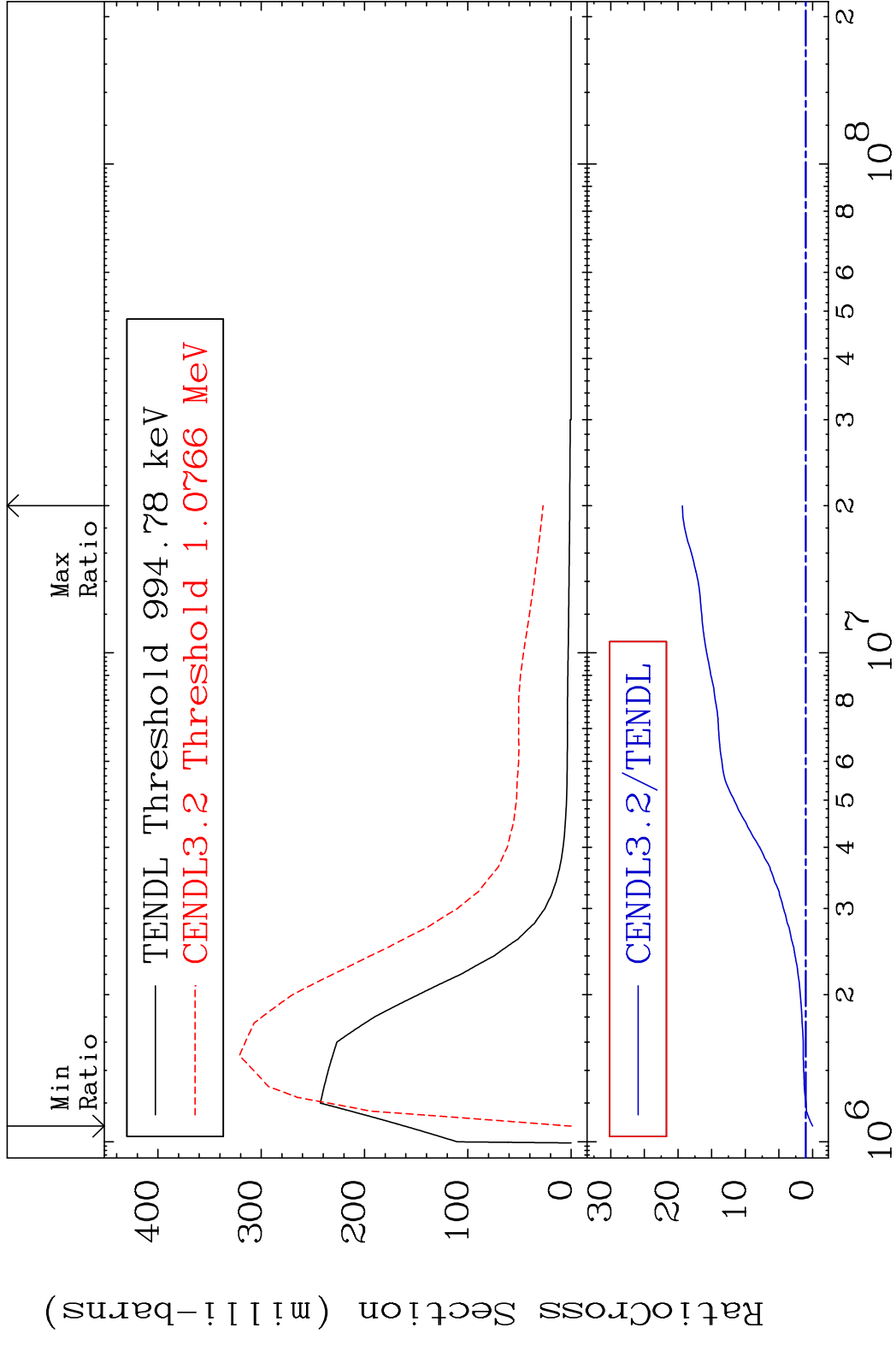
12 64-Gd-160

MAT 6449 MT= 56 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 9999. %



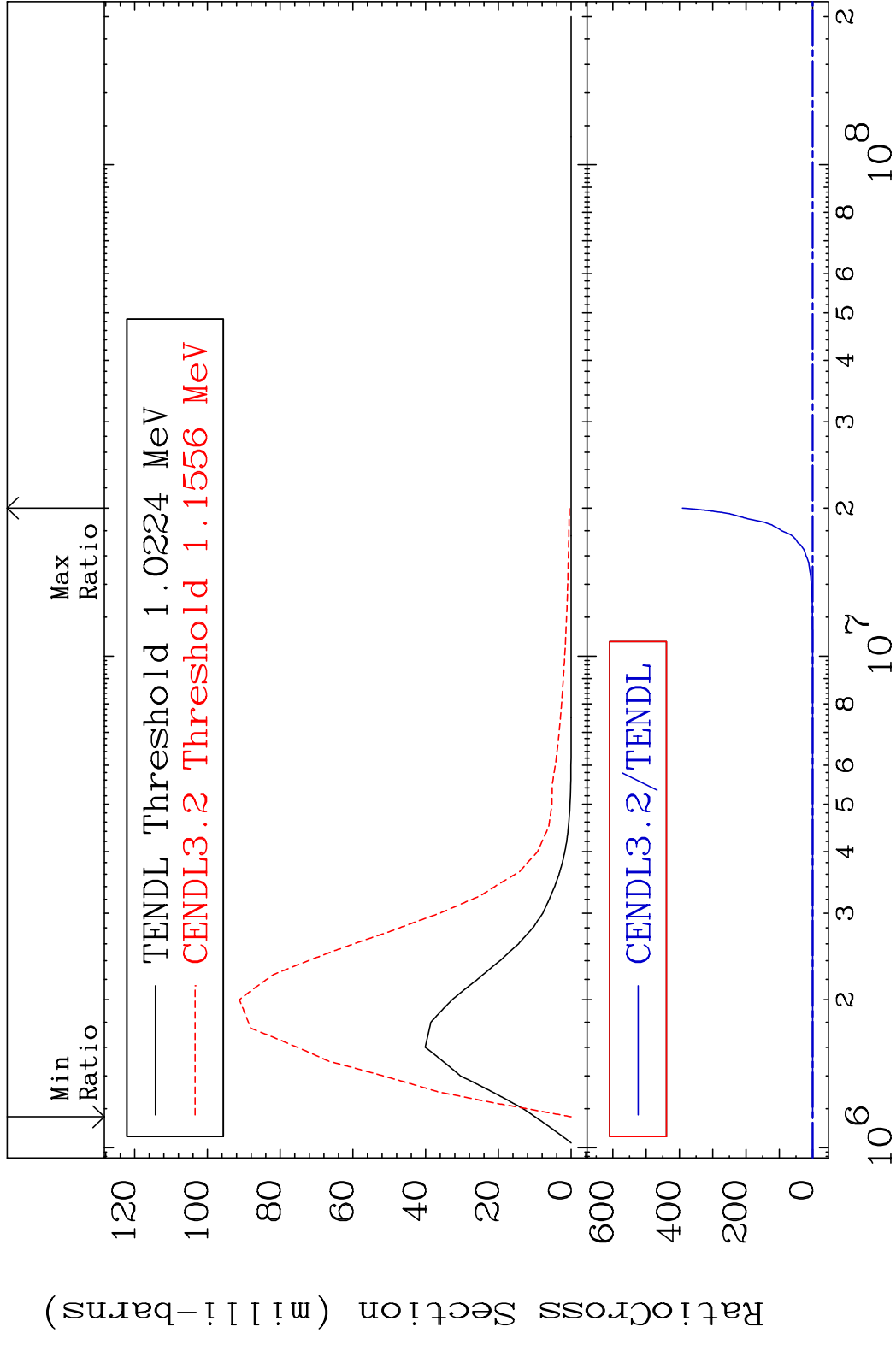
13 Incident Energy (eV) 64-Gd-160

MAT 6449 MT= 57 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 1835. %



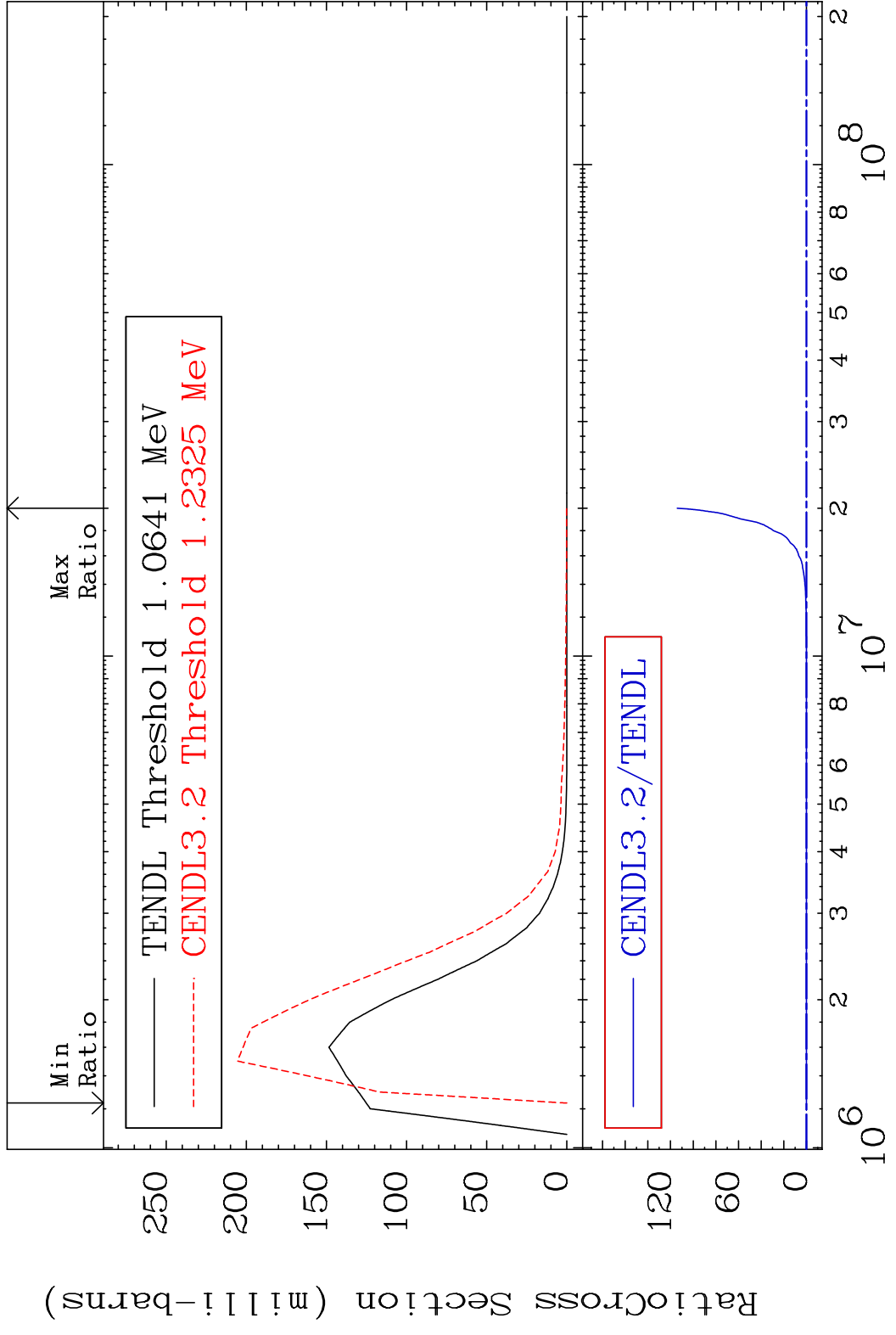
14 Incident Energy (eV) 64-Gd-160

MAT 6449 MT= 58 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 9999. %



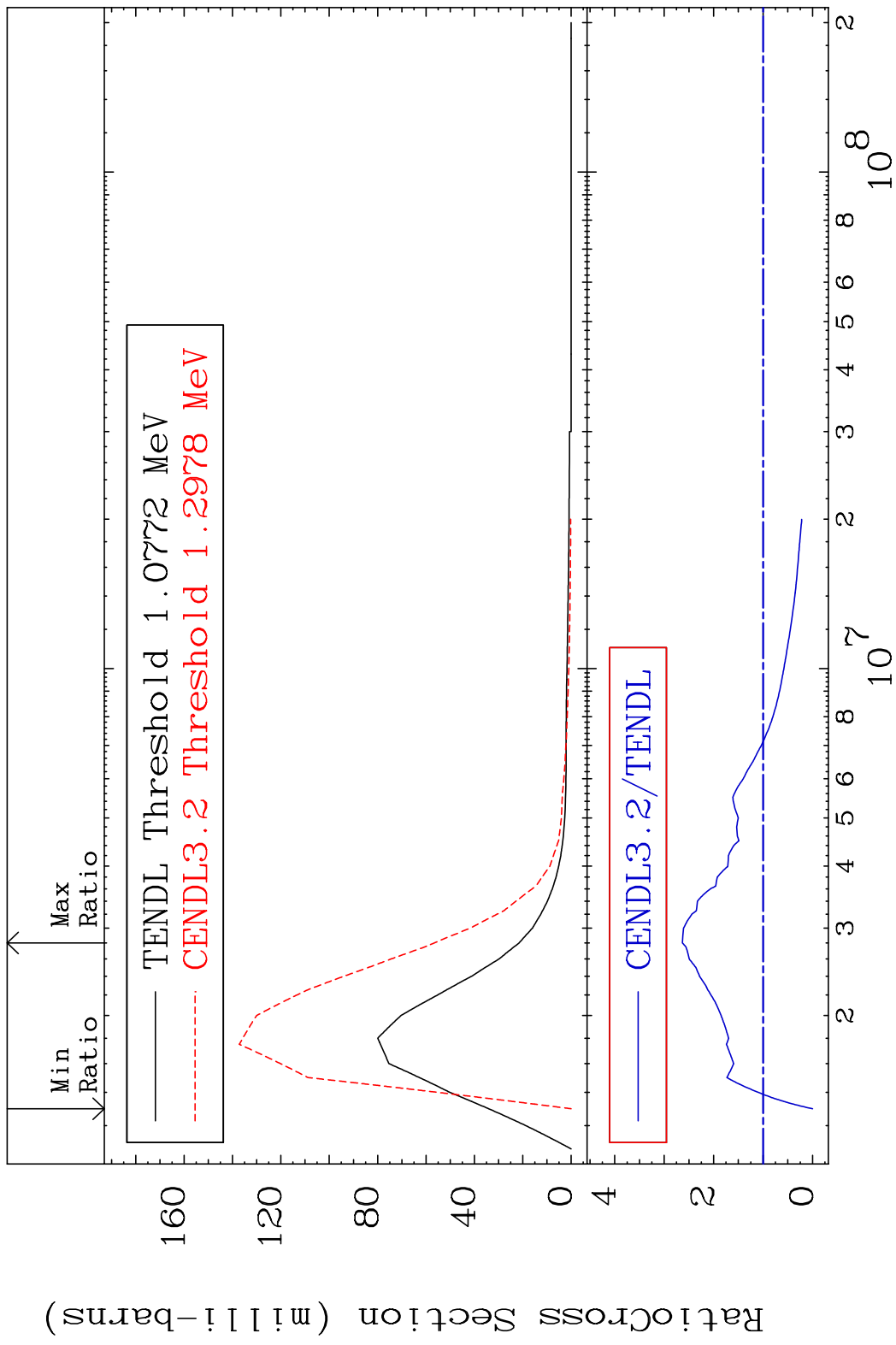
15 Incident Energy (eV) 64-Gd-160

MAT 6449 MT= 59 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 9999. %

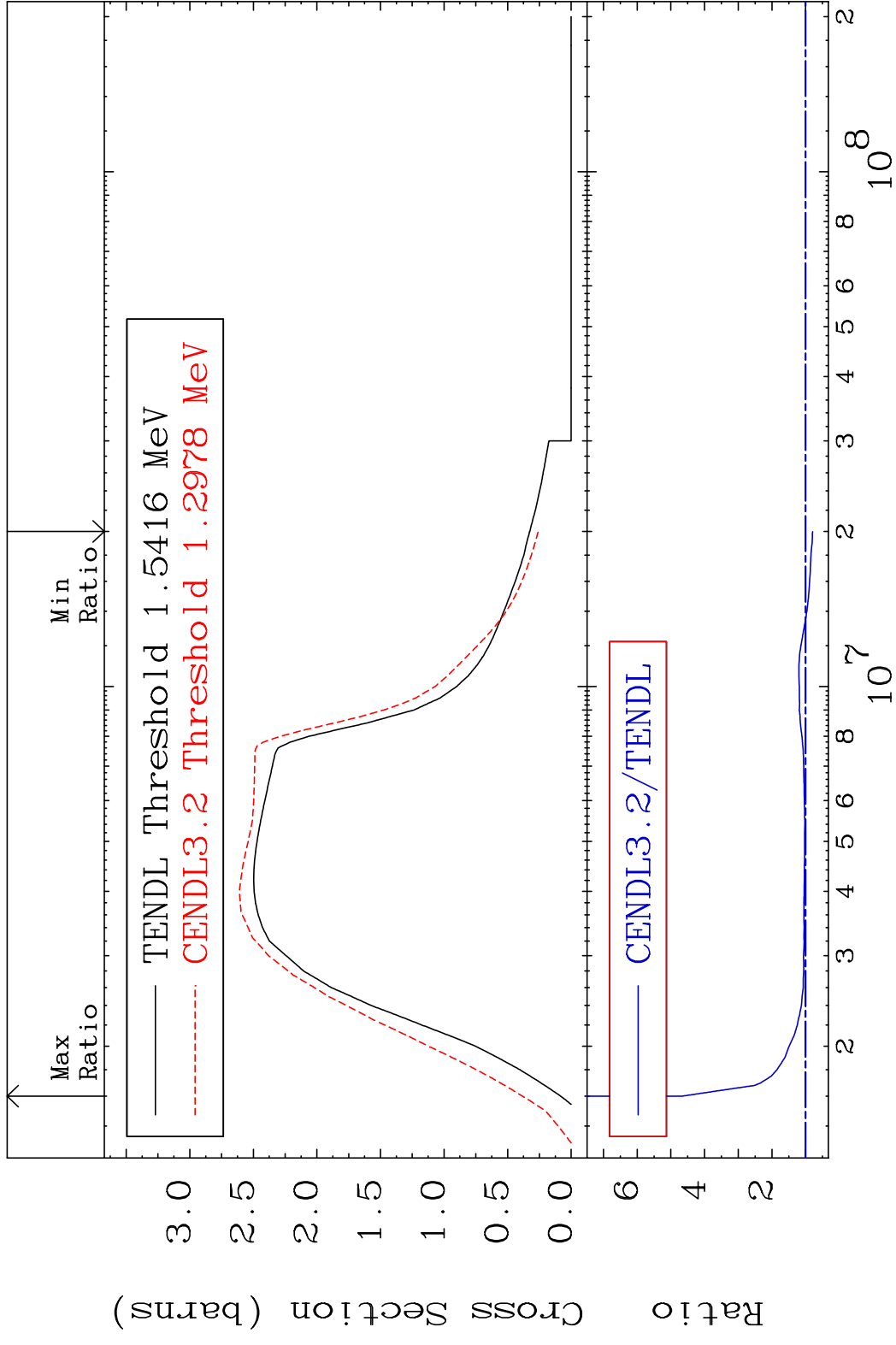


16 Incident Energy (eV) 64-Gd-160

MAT 6449 MT= 60 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 163.3 %



MAT 6449 (n, n') Continuum 64-Gd-160
 Cross Section -20.50 To 365.9 %

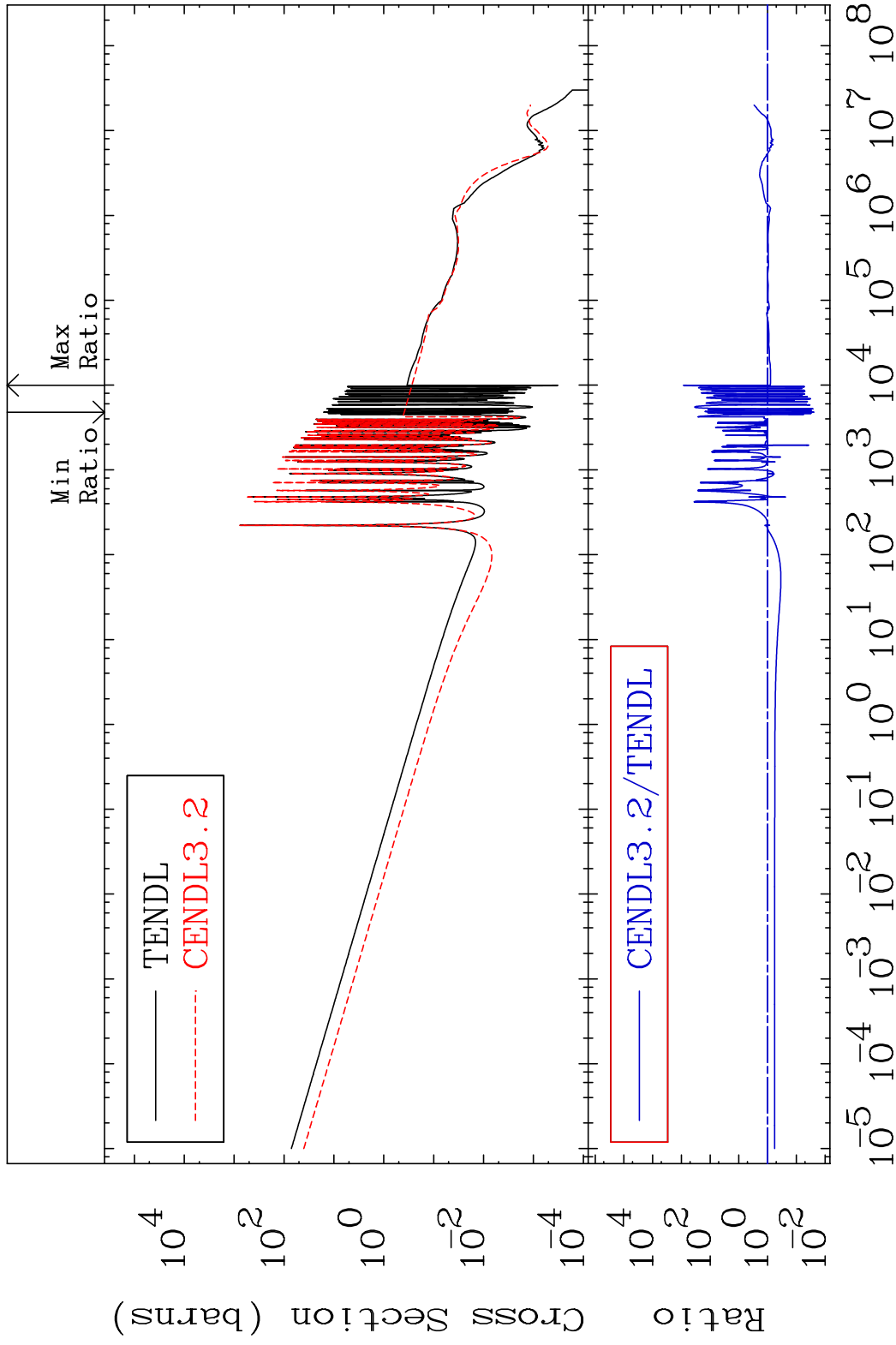


MAT 6449

(n, γ)

64-Gd-160

Cross Section -97.60 To 9999. %



19

Incident Energy (eV)

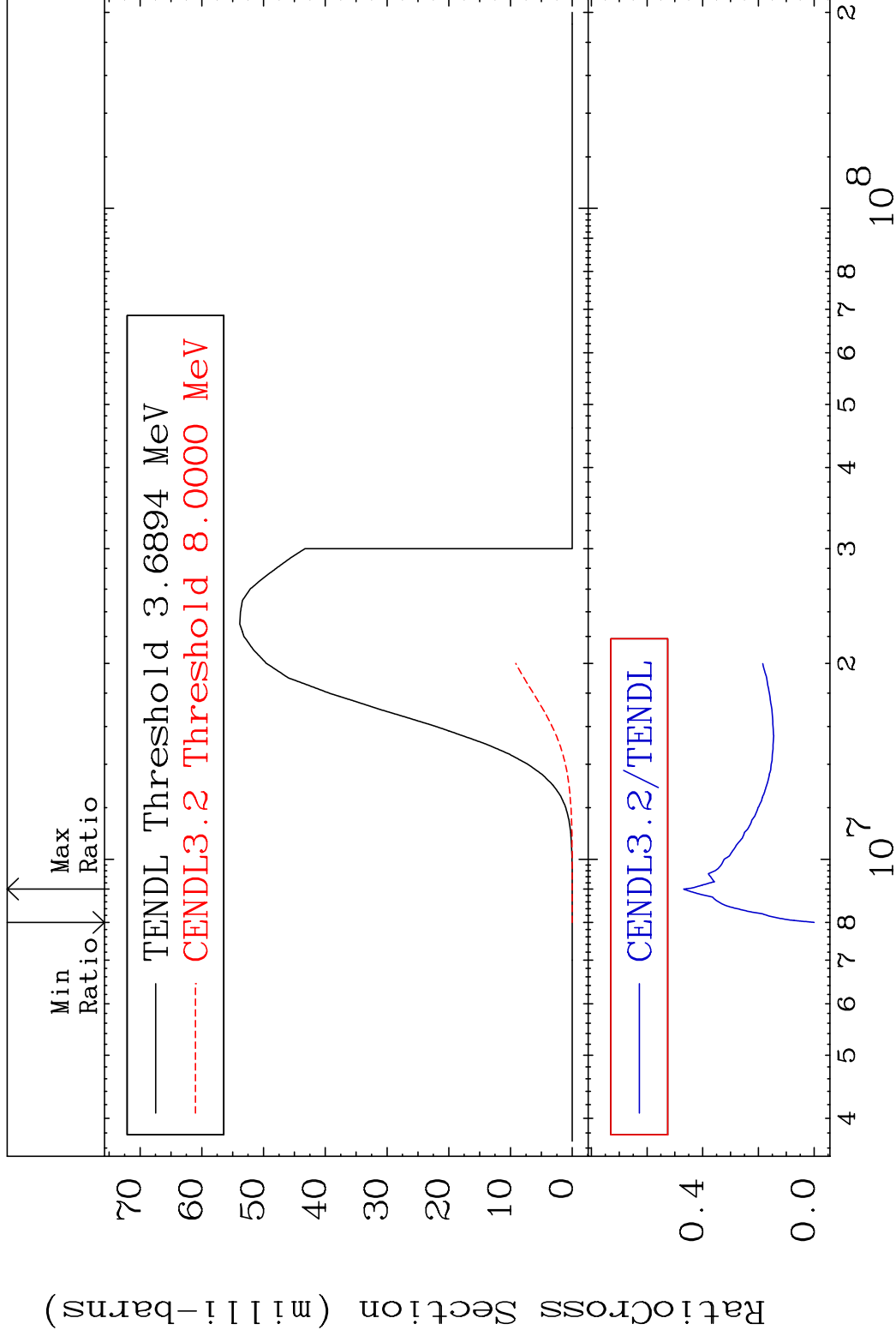
64-Gd-160

MAT 6449

(n,p)

64-Gd-160

Cross Section -100.0 To -53.15%



20

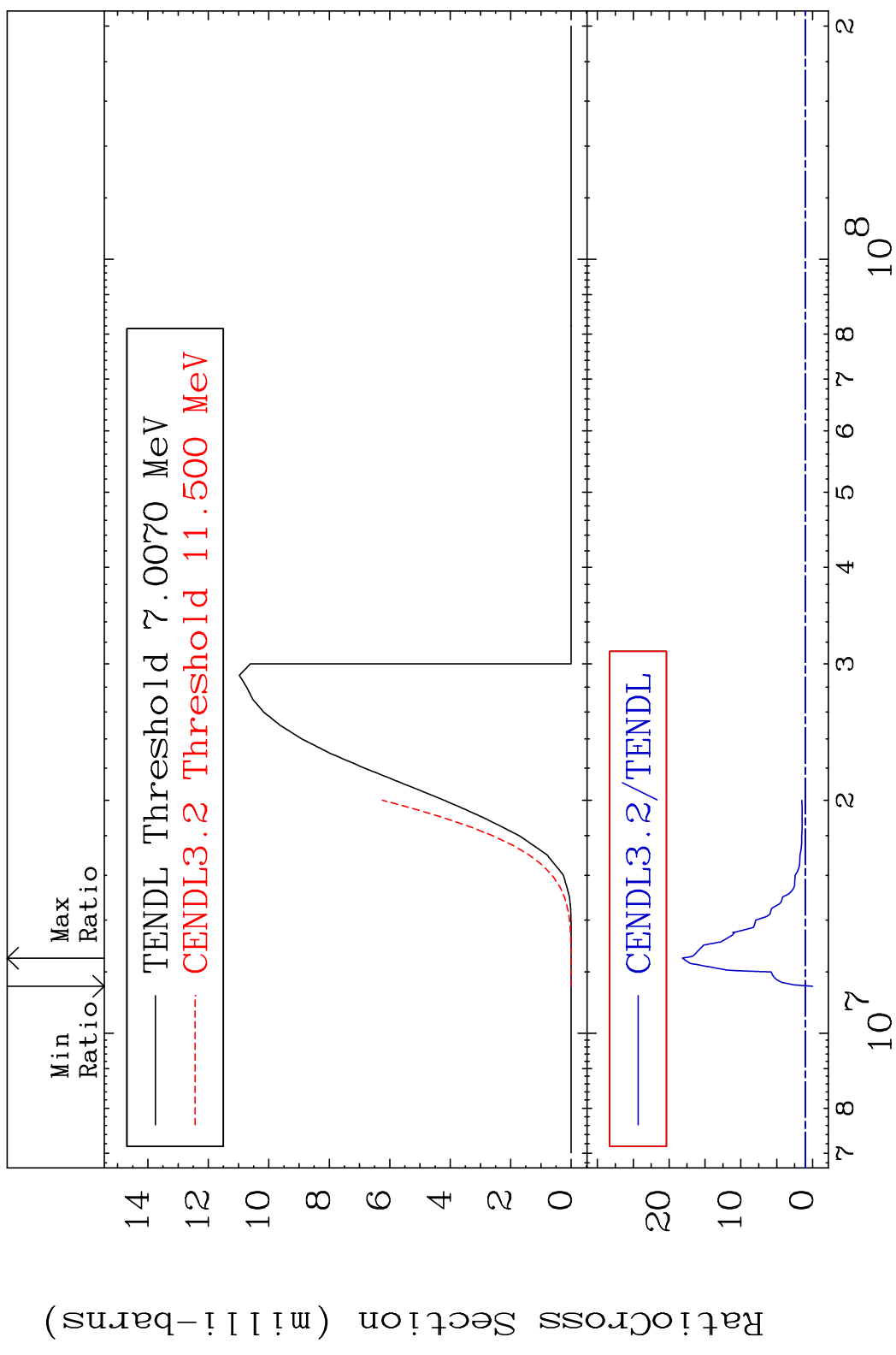
64-Gd-160

MAT 6449

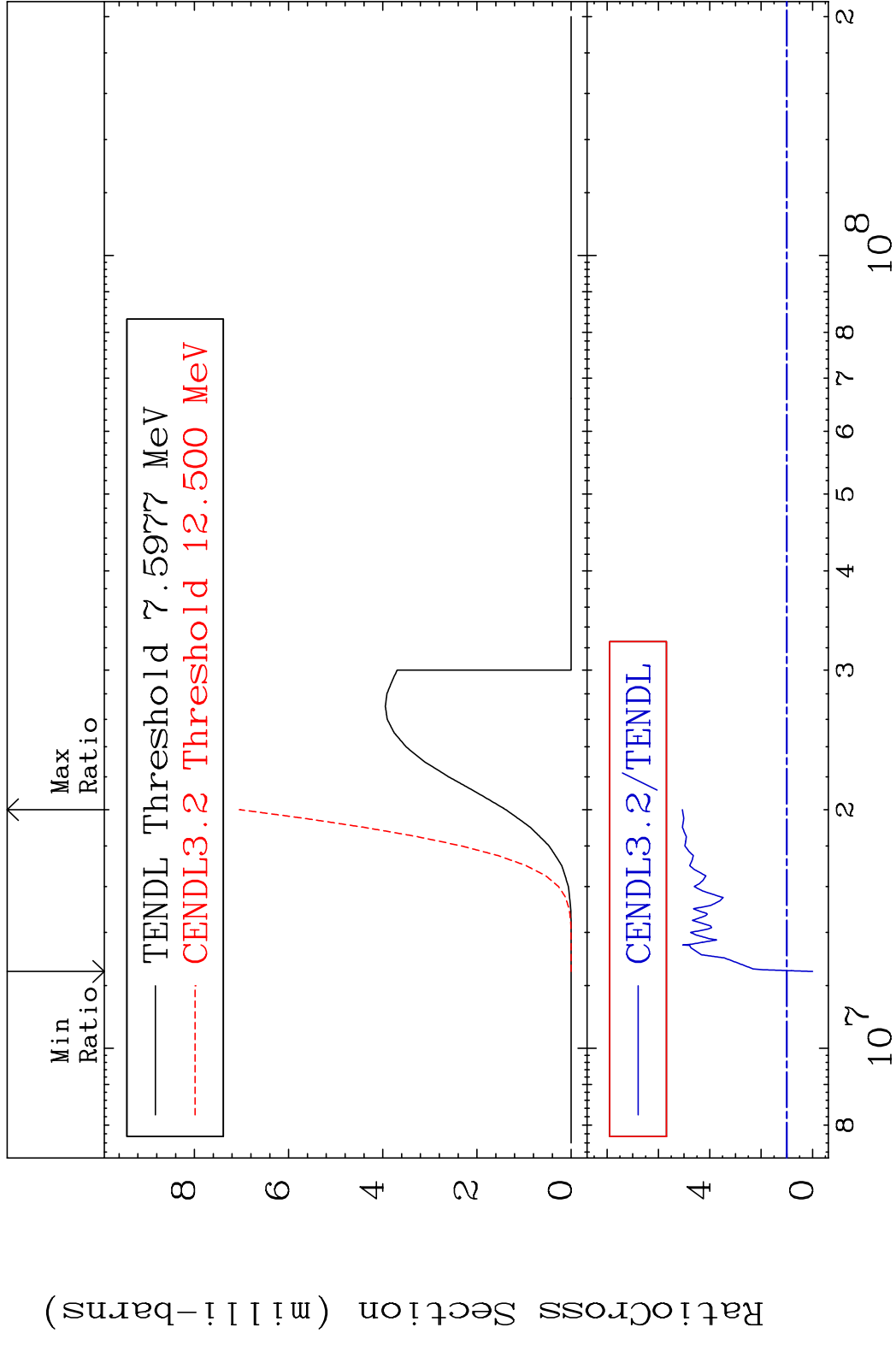
(n,d)

64-Gd-160

Cross Section -100.0 To 1716. %



MAT 6449 (n, t) 64-Gd-160
 Cross Section -100.0 To 406.8 %



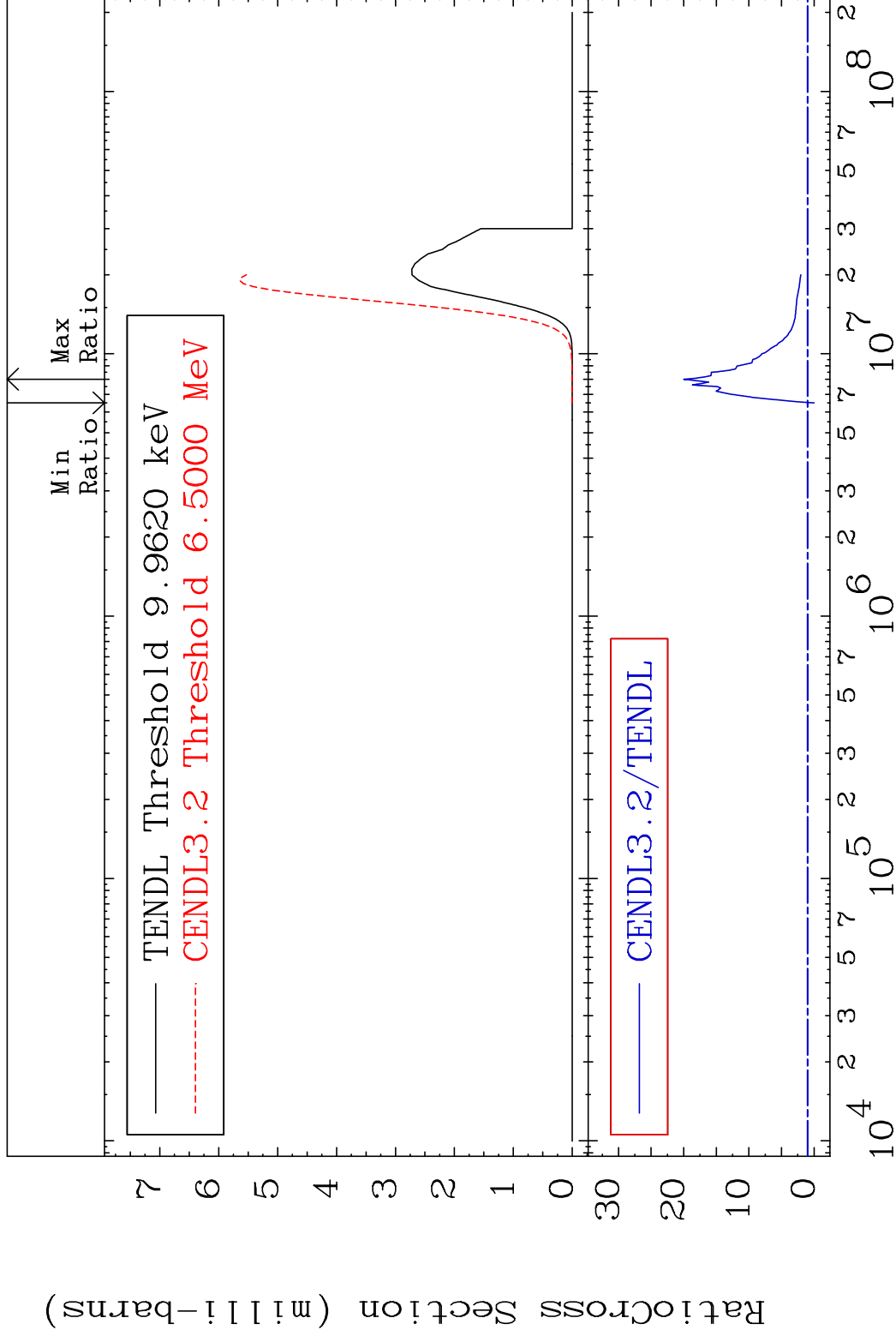
22 Incident Energy (eV) 64-Gd-160

MAT 6449

(n, α)

64-Gd-160

Cross Section -100.0 To 1901. %



23

Incident Energy (eV)

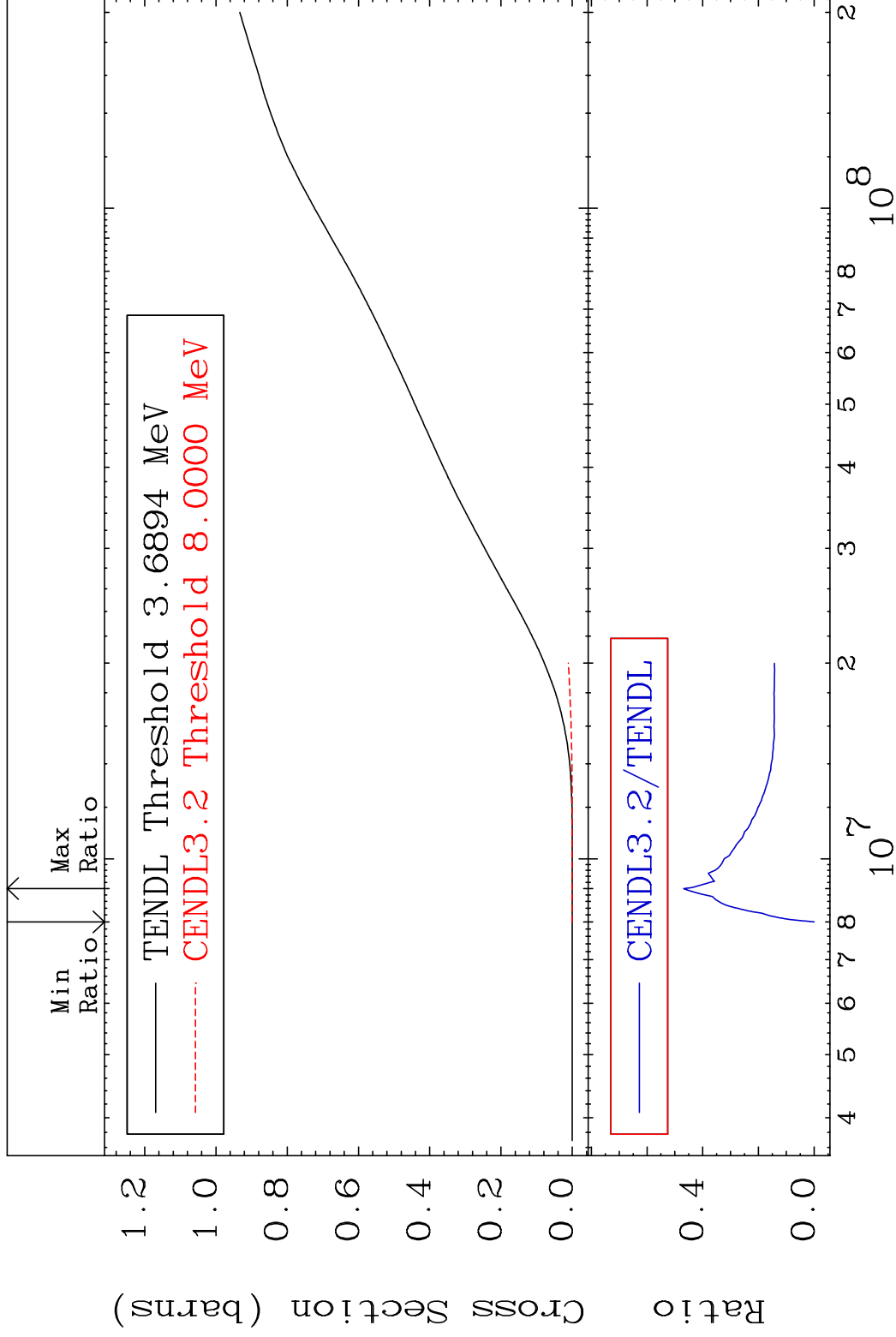
64-Gd-160

MAT 6449

Hydrogen Production

64-Gd-160

Cross Section -100.0 To -53.15%



24

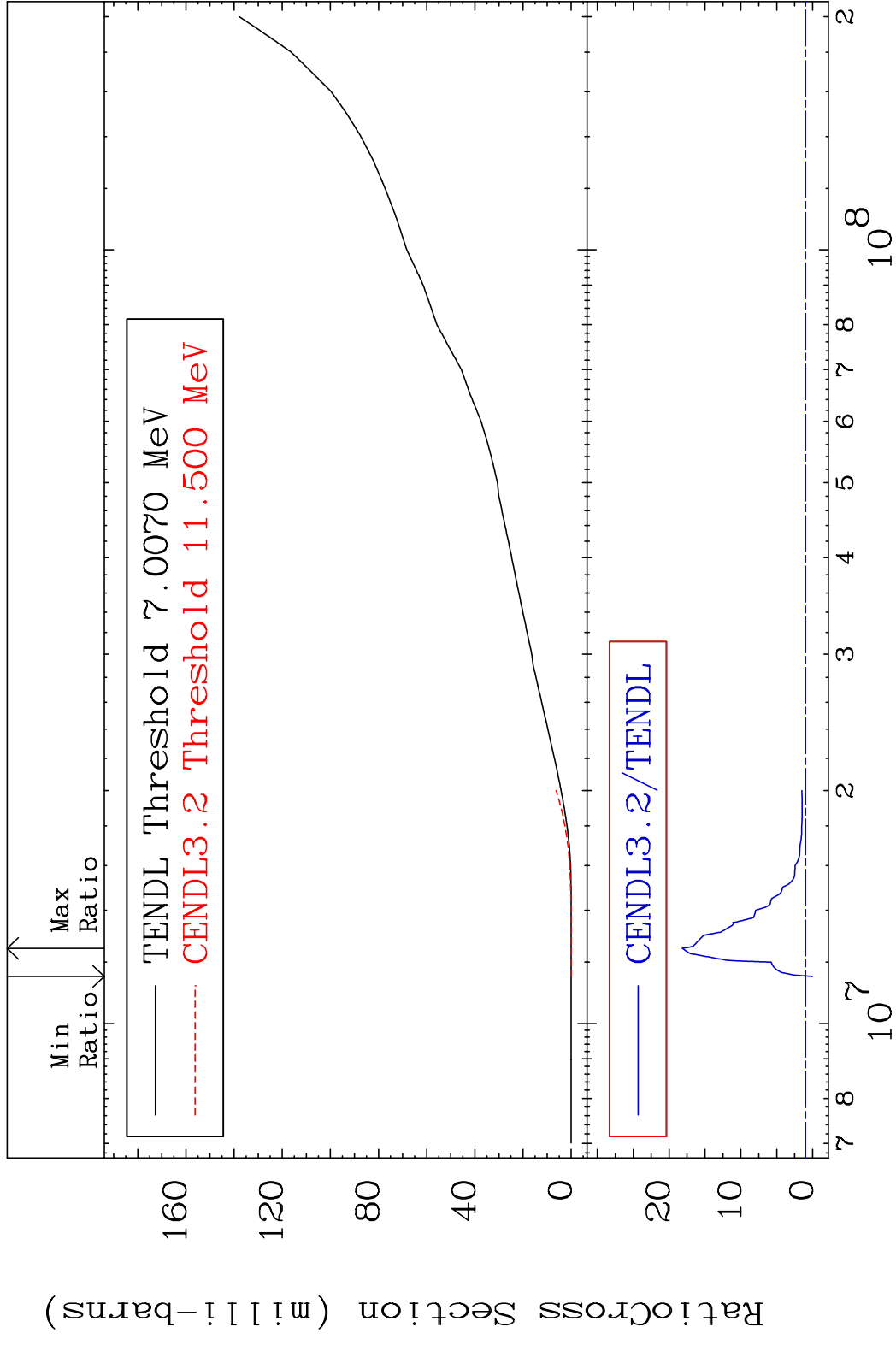
Incident Energy (eV)

64-Gd-160

MAT 6449

Deuterium Production 64-Gd-160

Cross Section -100.0 To 1716. %



25

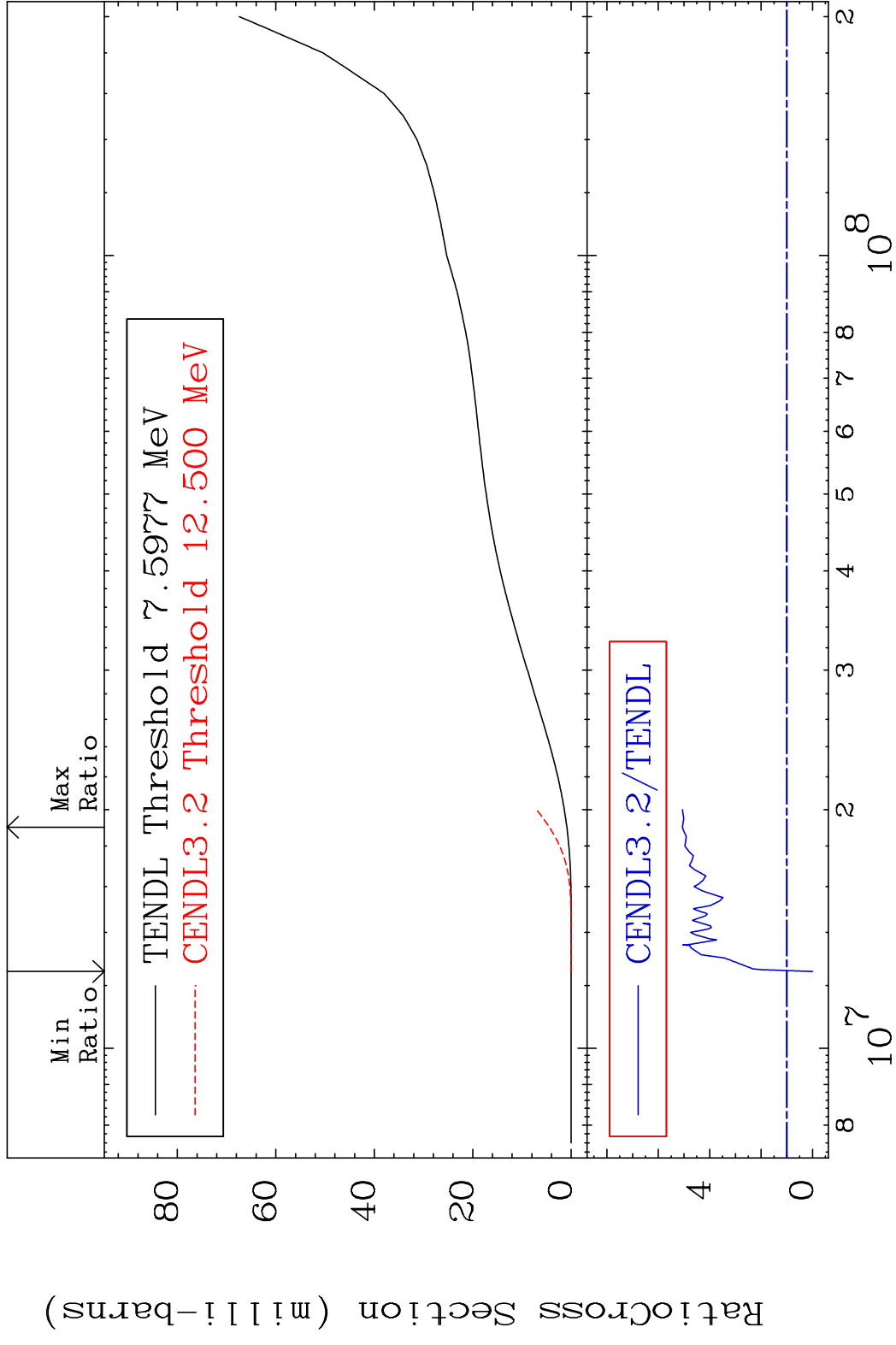
Incident Energy (eV)

64-Gd-160

MAT 6449

Tritium Production 64-Gd-160

Cross Section -100.0 To 406.4 %

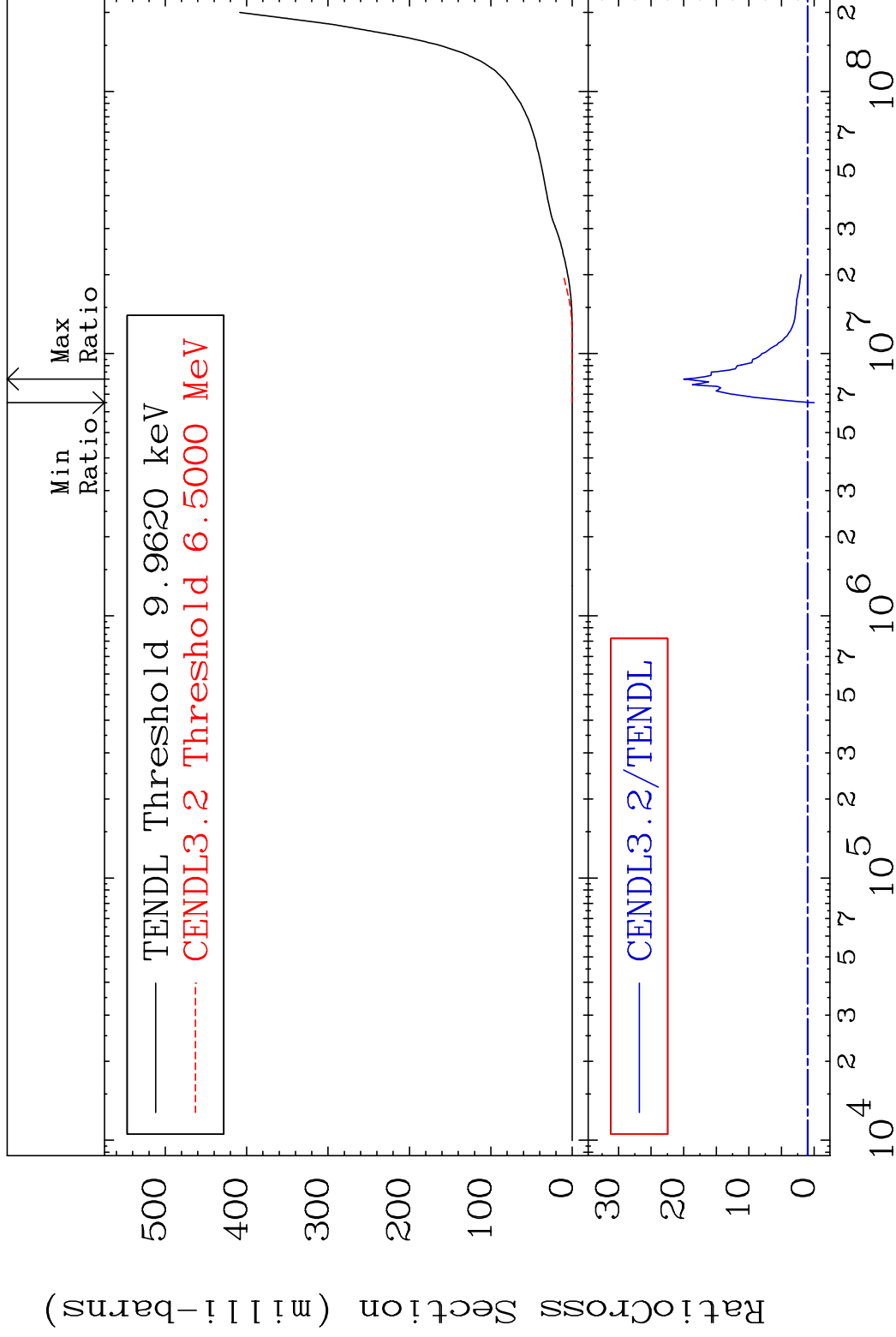


MAT 6449

He-4 Production

64-Gd-160

Cross Section -100.0 To 1901. %

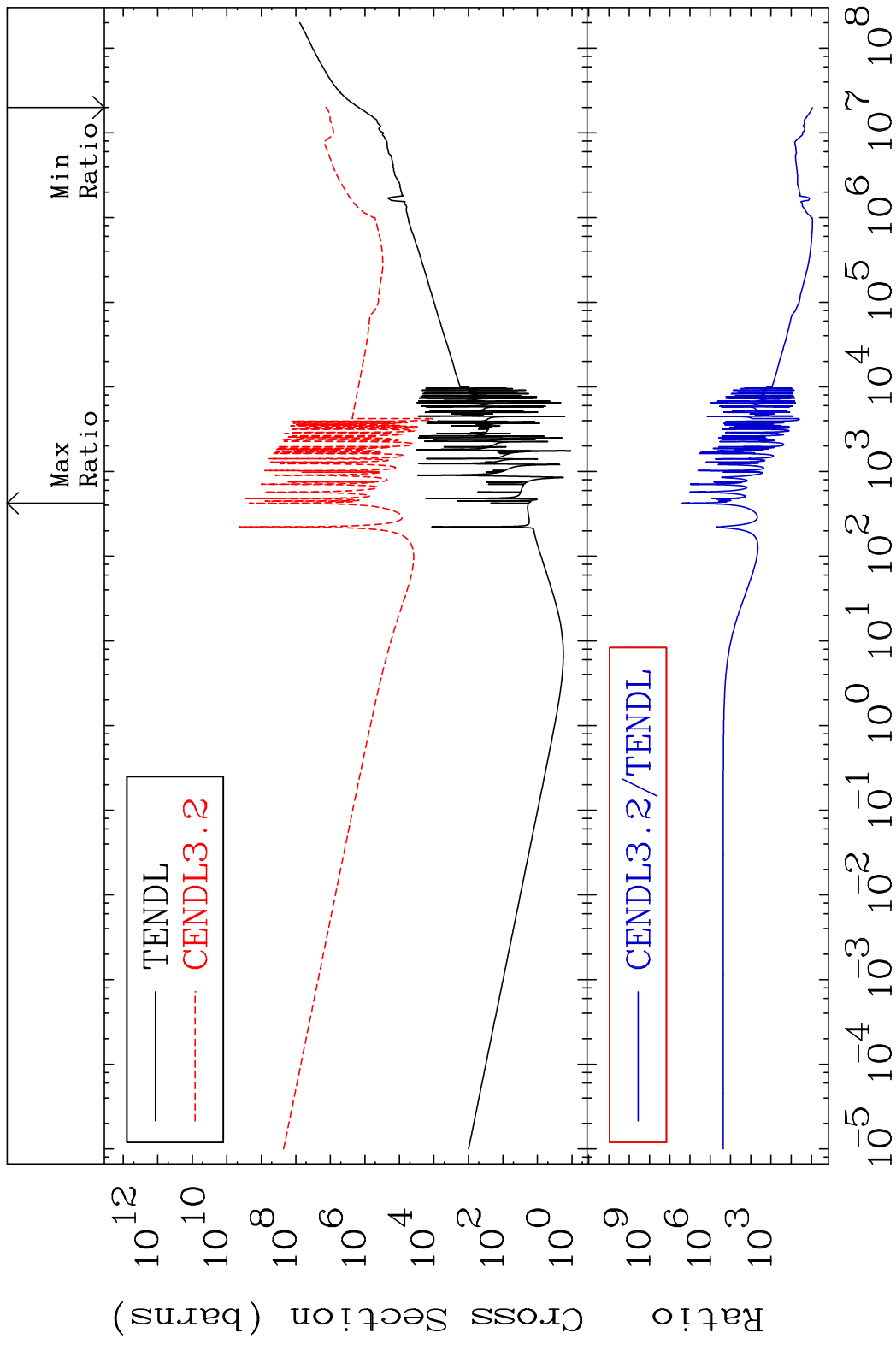


27

Incident Energy (eV)

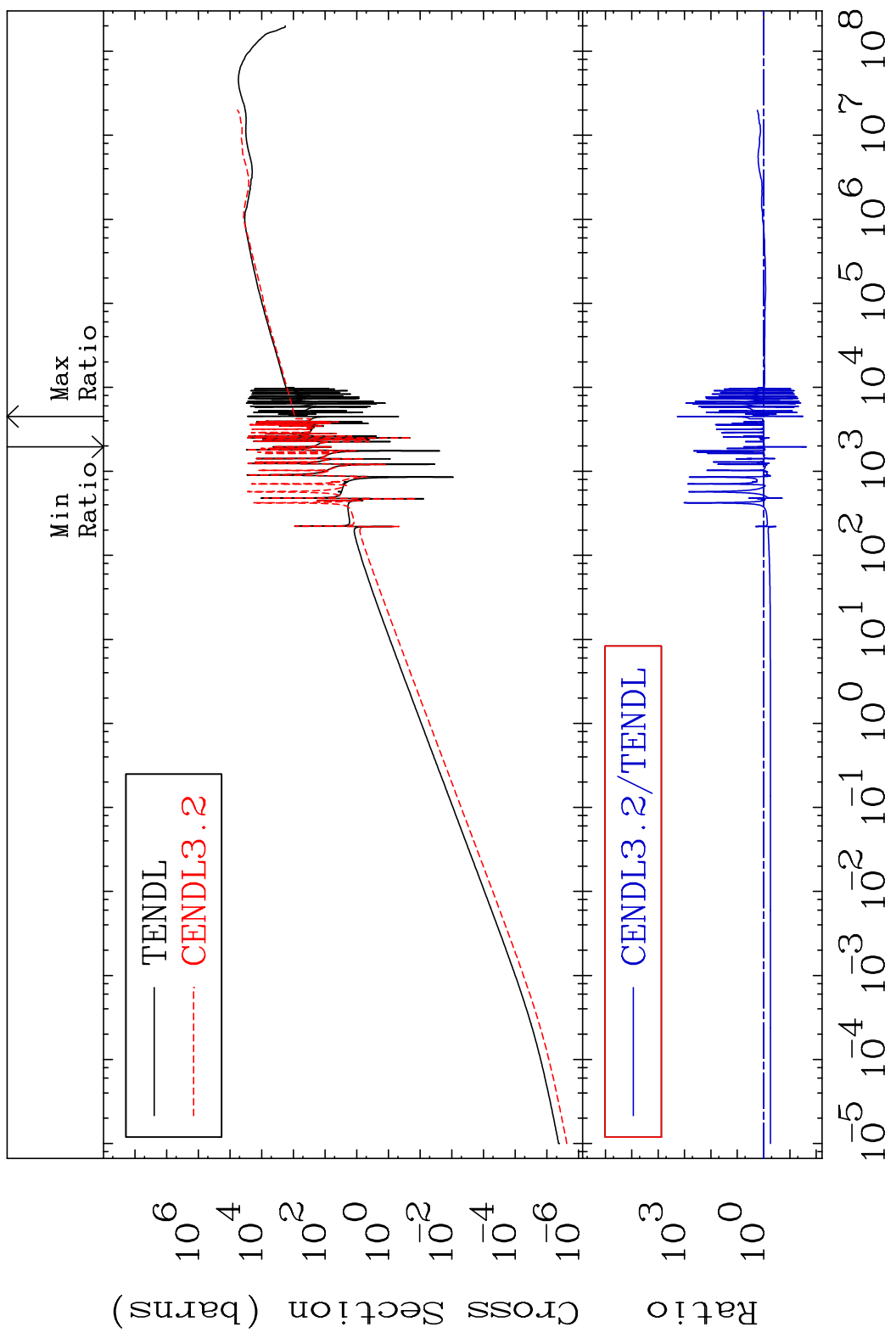
64-Gd-160

MAT 6449 Kerma total (eV-barns) 64-Gd-160
 Cross Section 779.9 To 9999. %

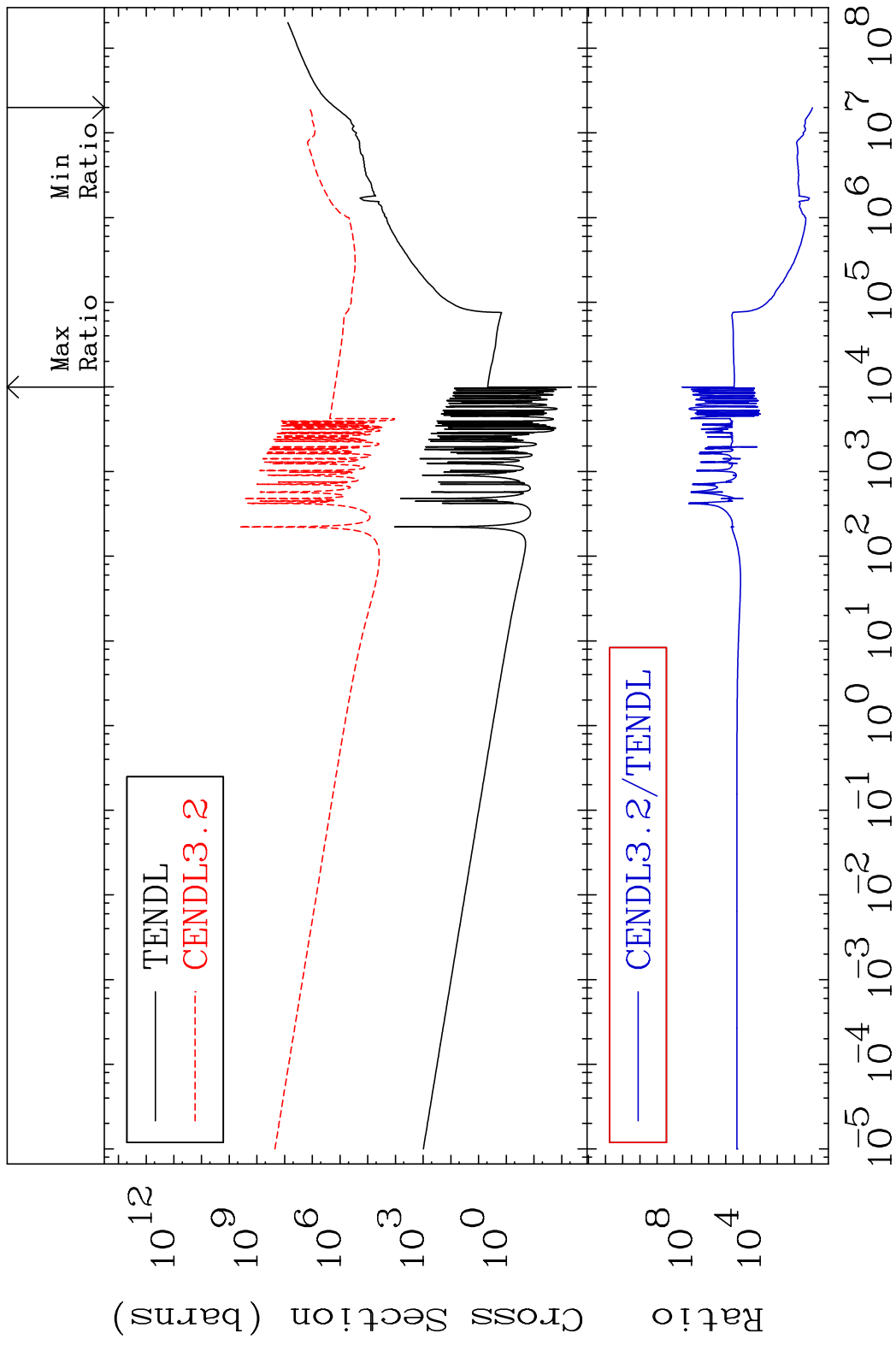


MAT 6449

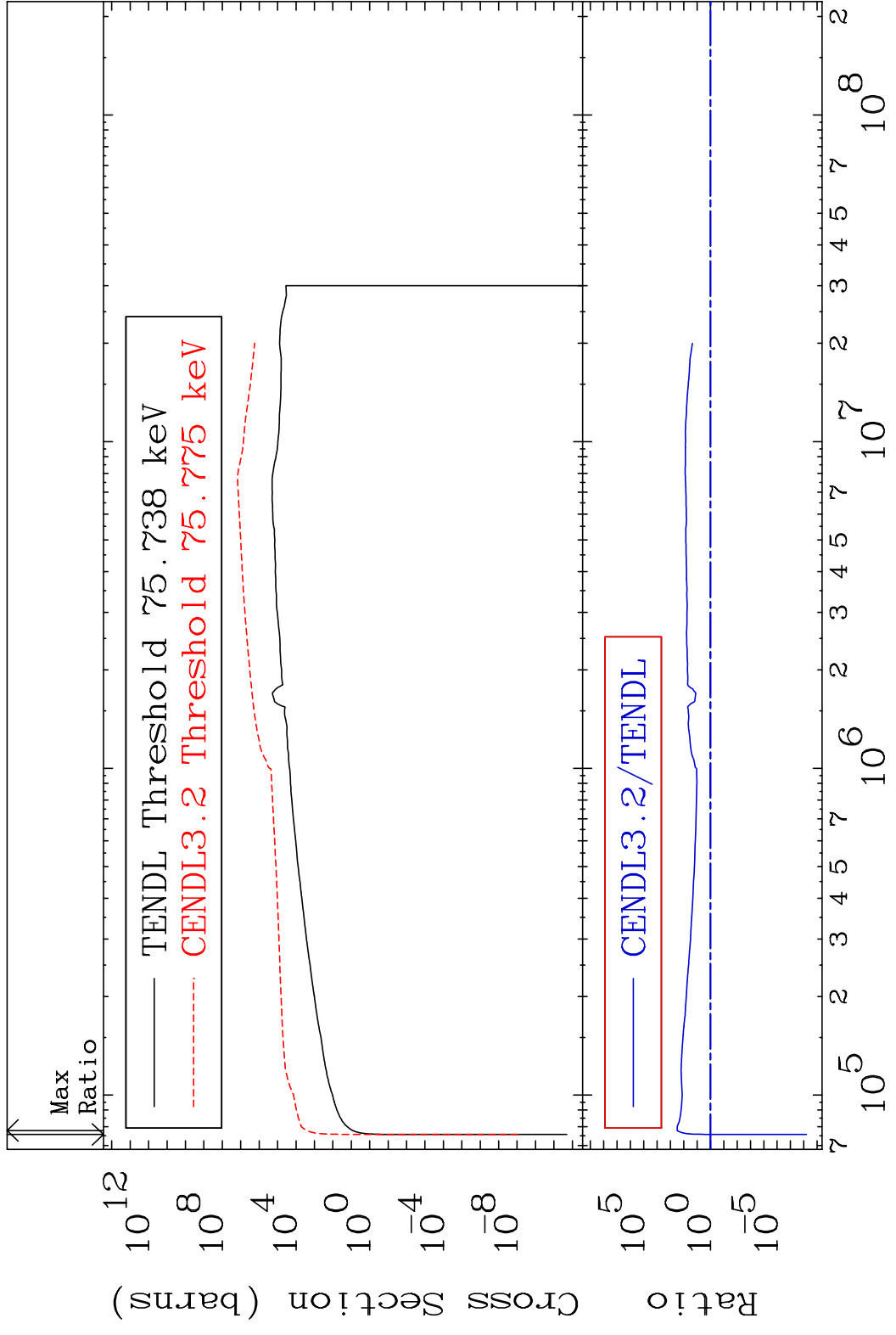
Kerma elastic Cross Section -97.63 To 9999. %
64-Gd-160



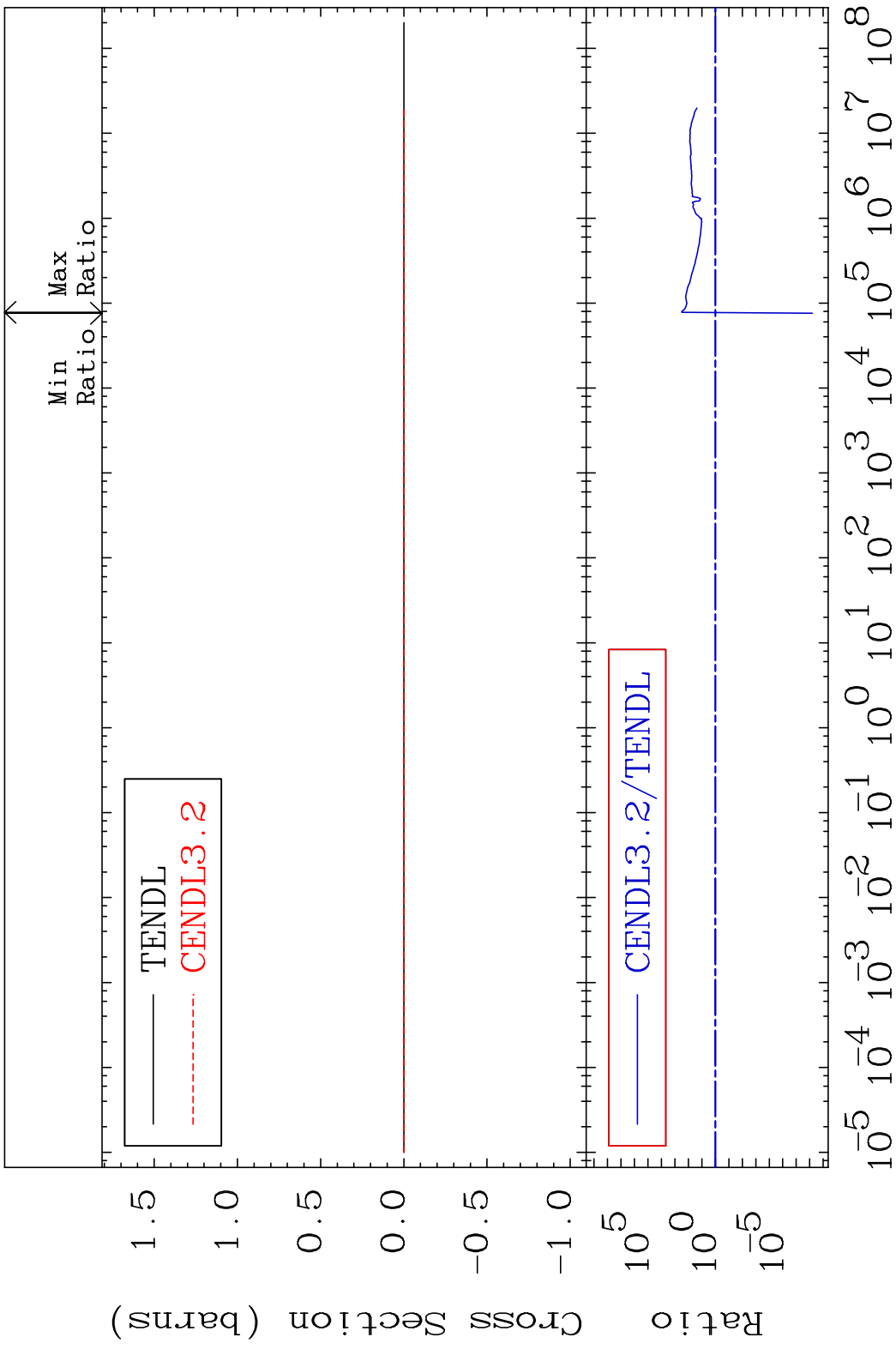
MAT 6449 Kerma non-elastic (all but mt2) 64-Gd-160
 Cross Section 795.6 To 9999. %

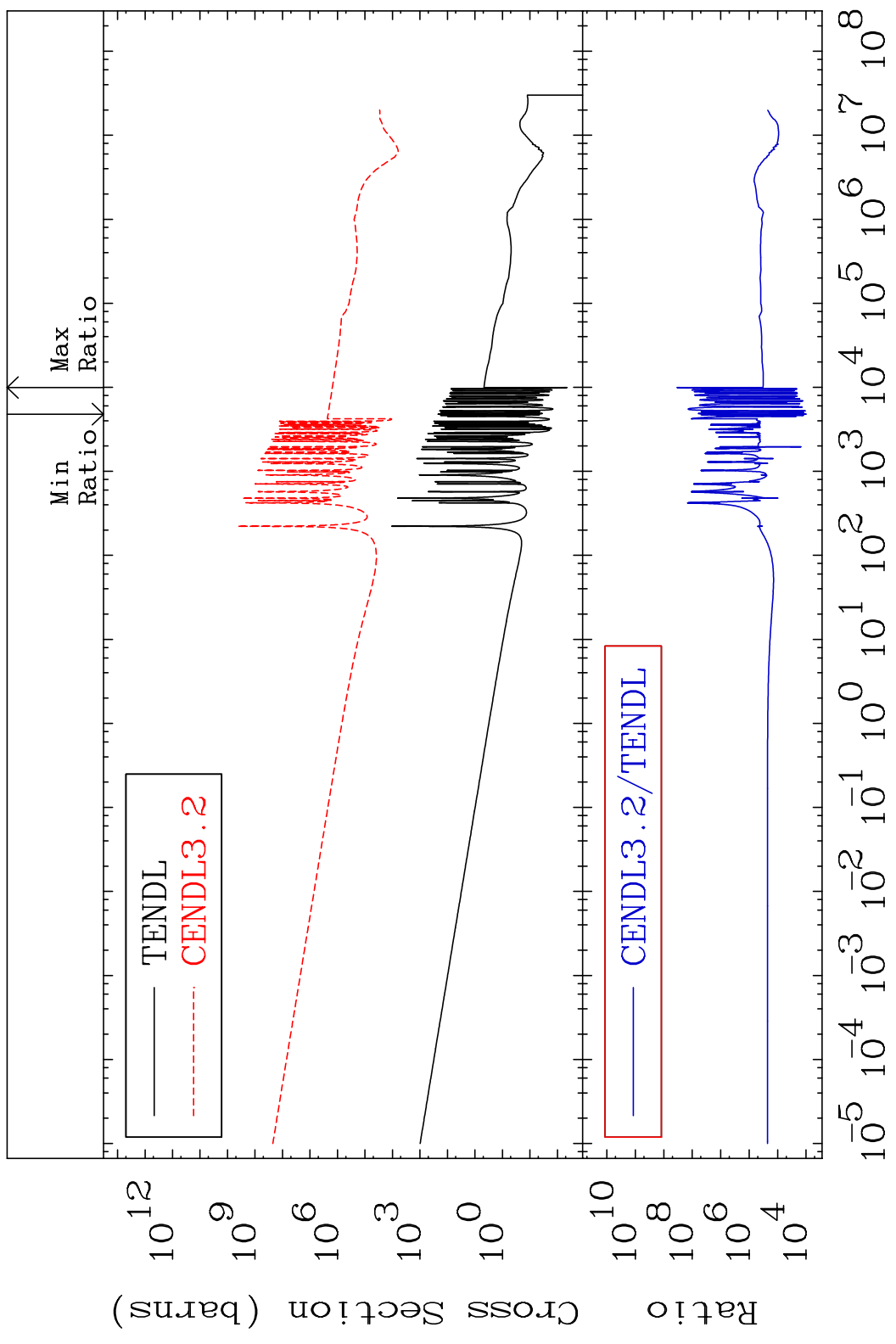


MAT 6449 Kerma inelastic (mt51-91) 64-Gd-160
 Cross Section -100.0 To 9999. %

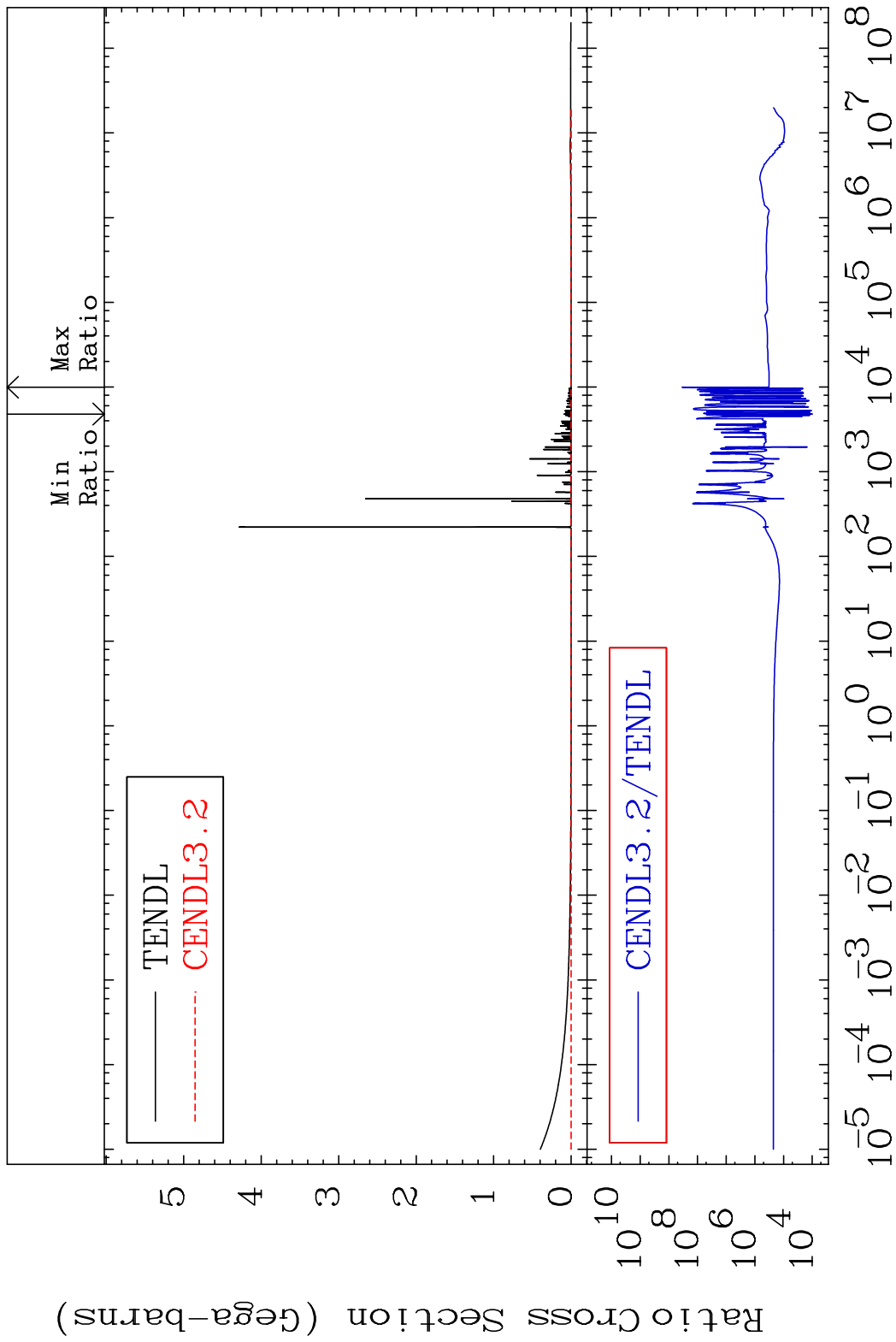


MAT 6449 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-160
 Cross Section -100.0 To 9999. %

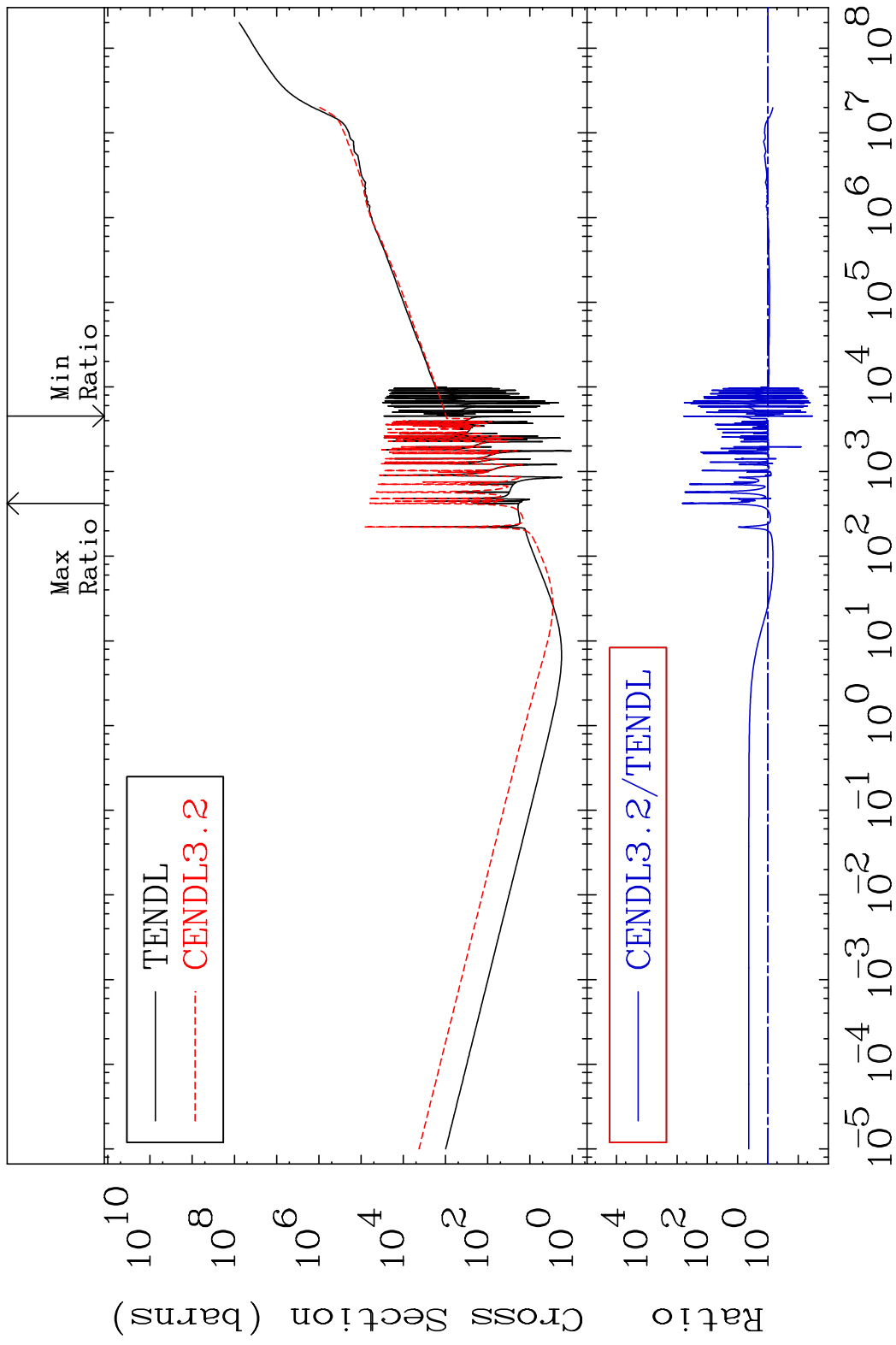




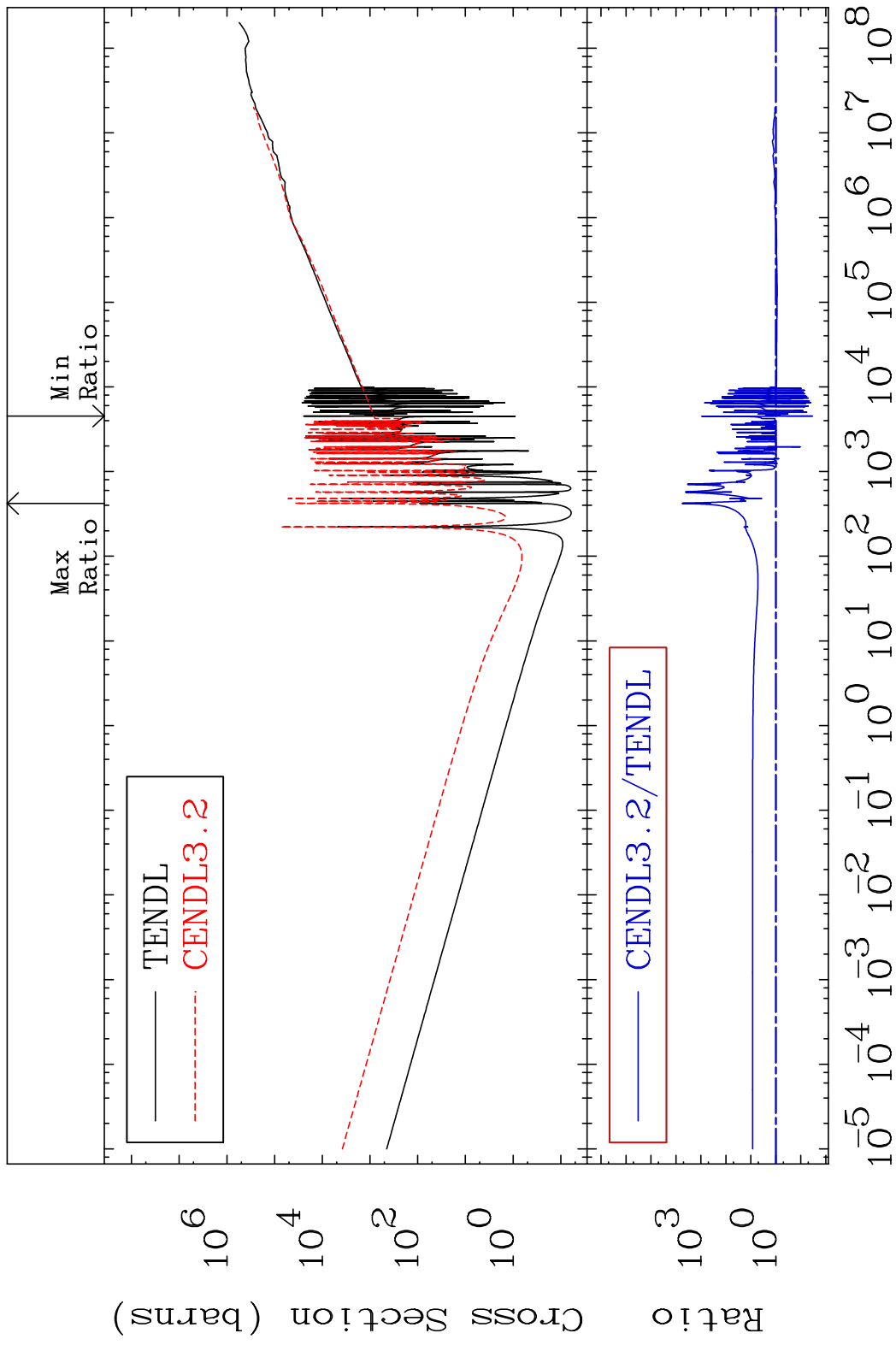
MAT 6449 Total photon (eV-barns) 64-Gd-160
 Cross Section 9999. To 9999. %



MAT 6449 Total kinematic kerma (high limit) 64-Gd-160
 Cross Section -96.61 To 9999. %



MAT 6449 Dpa total (eV-barns) 64-Gd-160
 Cross Section -96.60 To 9999. %

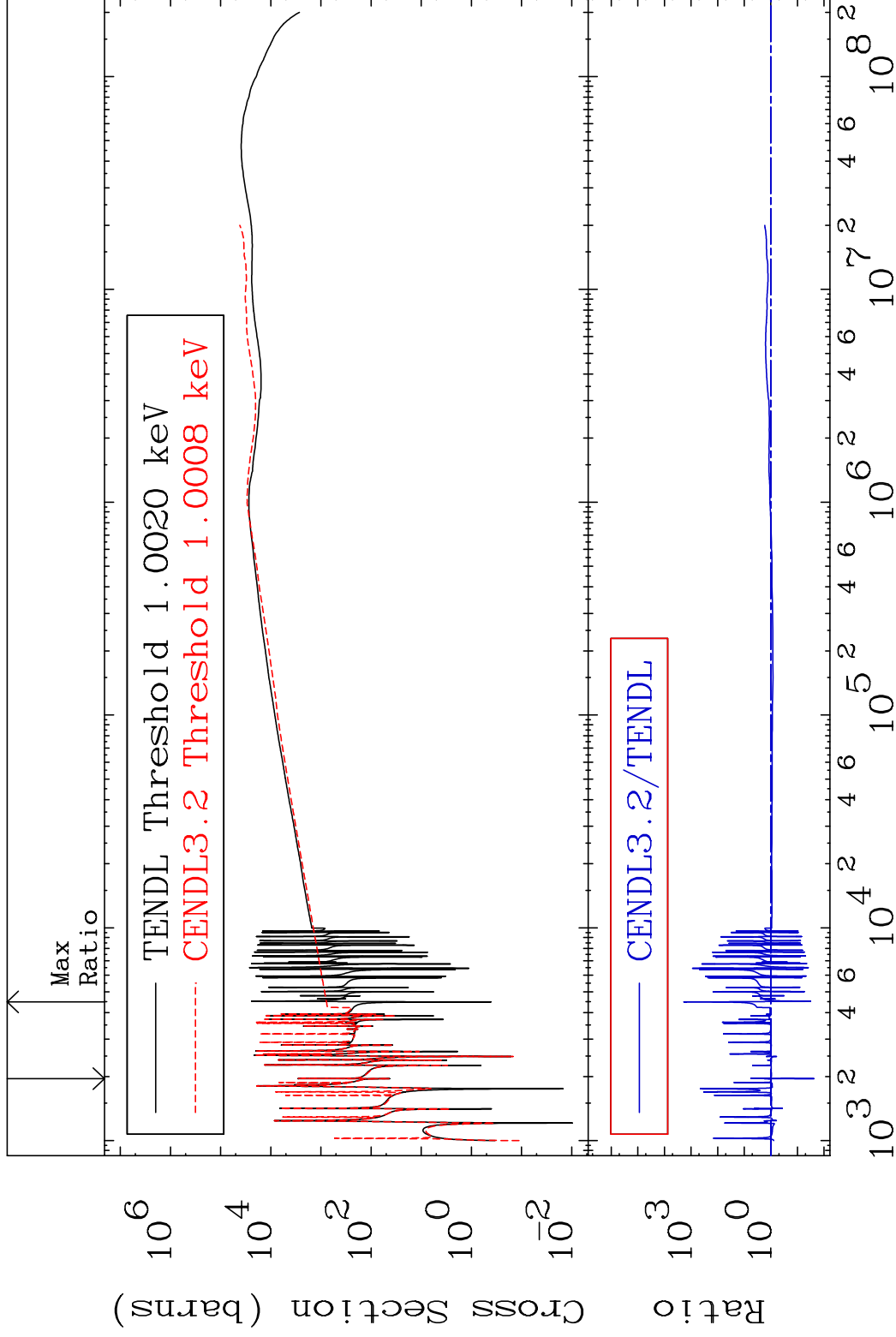


MAT 6449

Dpa elastic (mt2)

64-Gd-160

Cross Section -97.63 To 9999. %

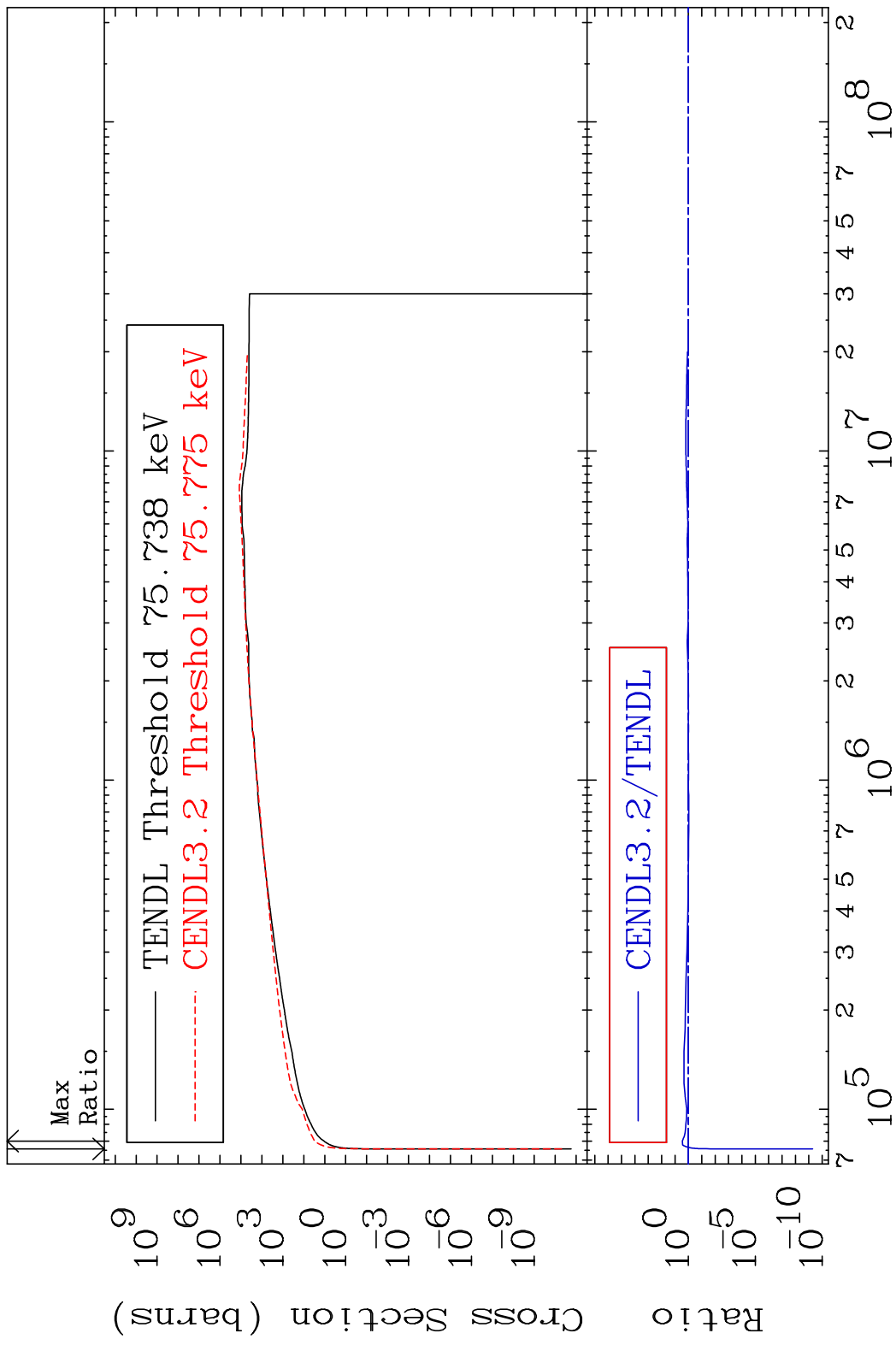


37

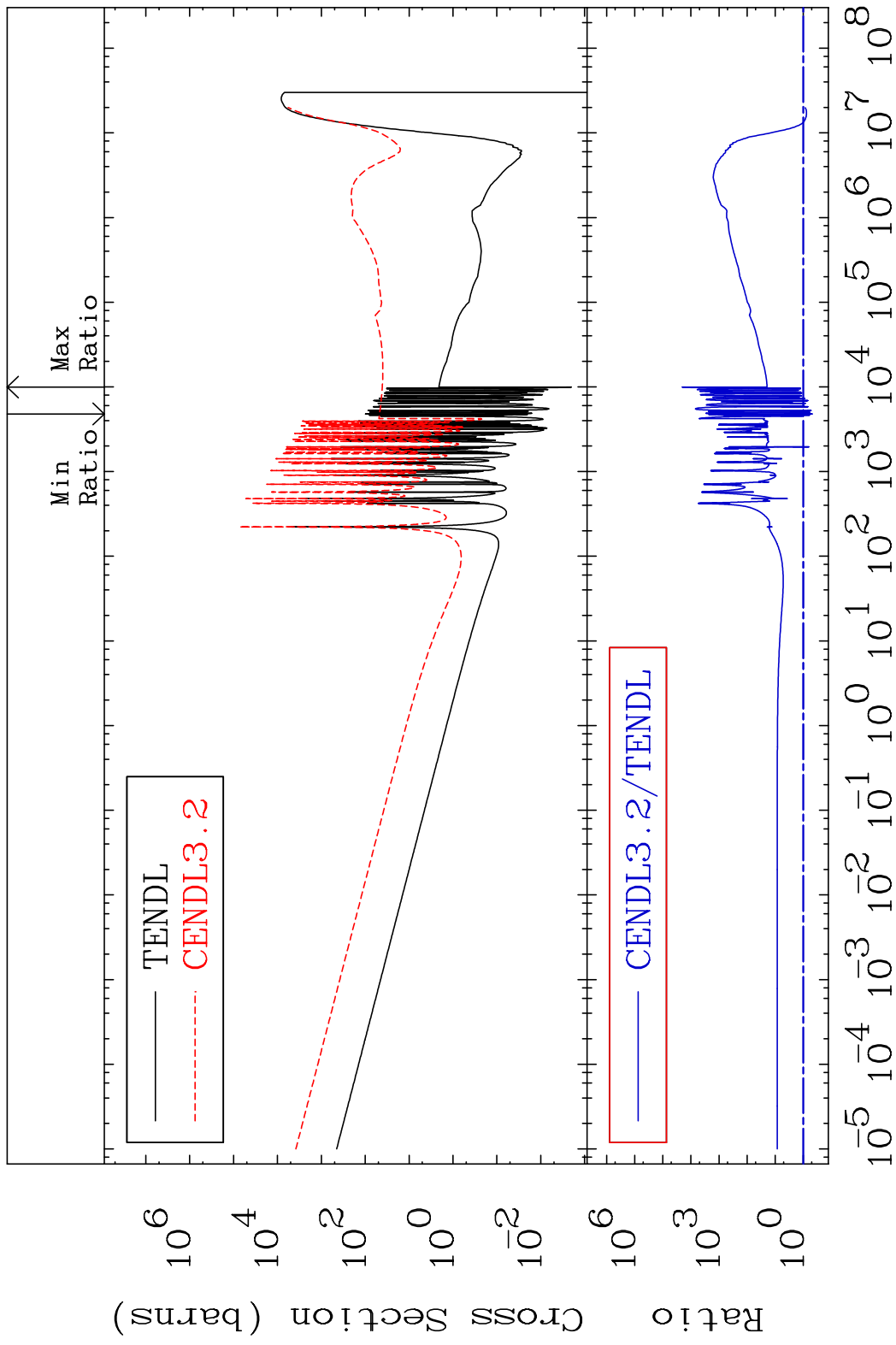
Incident Energy (eV)

64-Gd-160

MAT 6449 Dpa inelastic (mt51-91) 64-Gd-160
 Cross Section -100.0 To 182.9 %



MAT 6449 Dpa disappearance (mt102 -120) 64-Gd-160
 Cross Section -53.04 To 9999. %

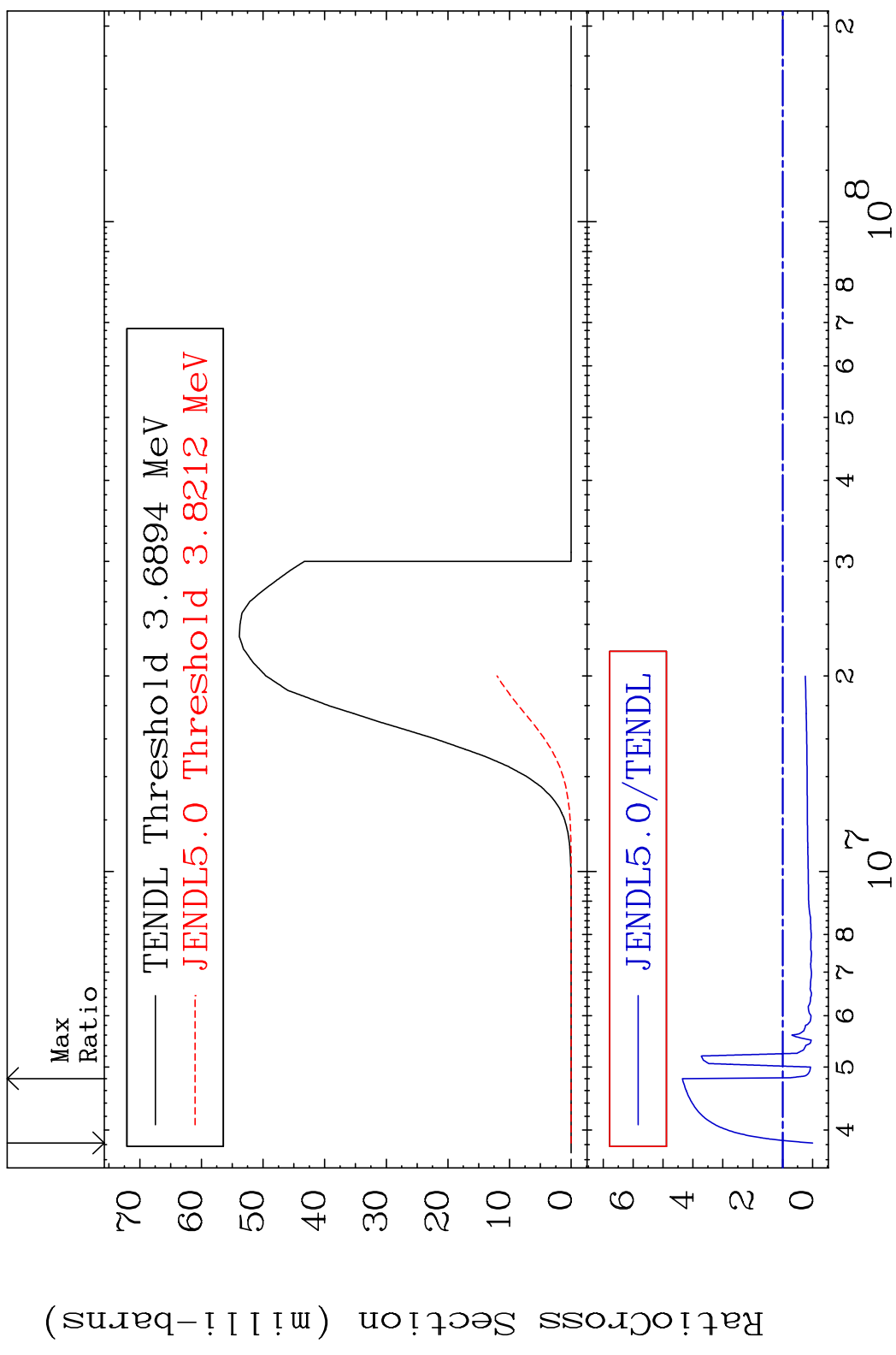


MAT 6449

(n,p)

64-Gd-160

Cross Section -100.0 To 335.5 %



40

Incident Energy (eV)

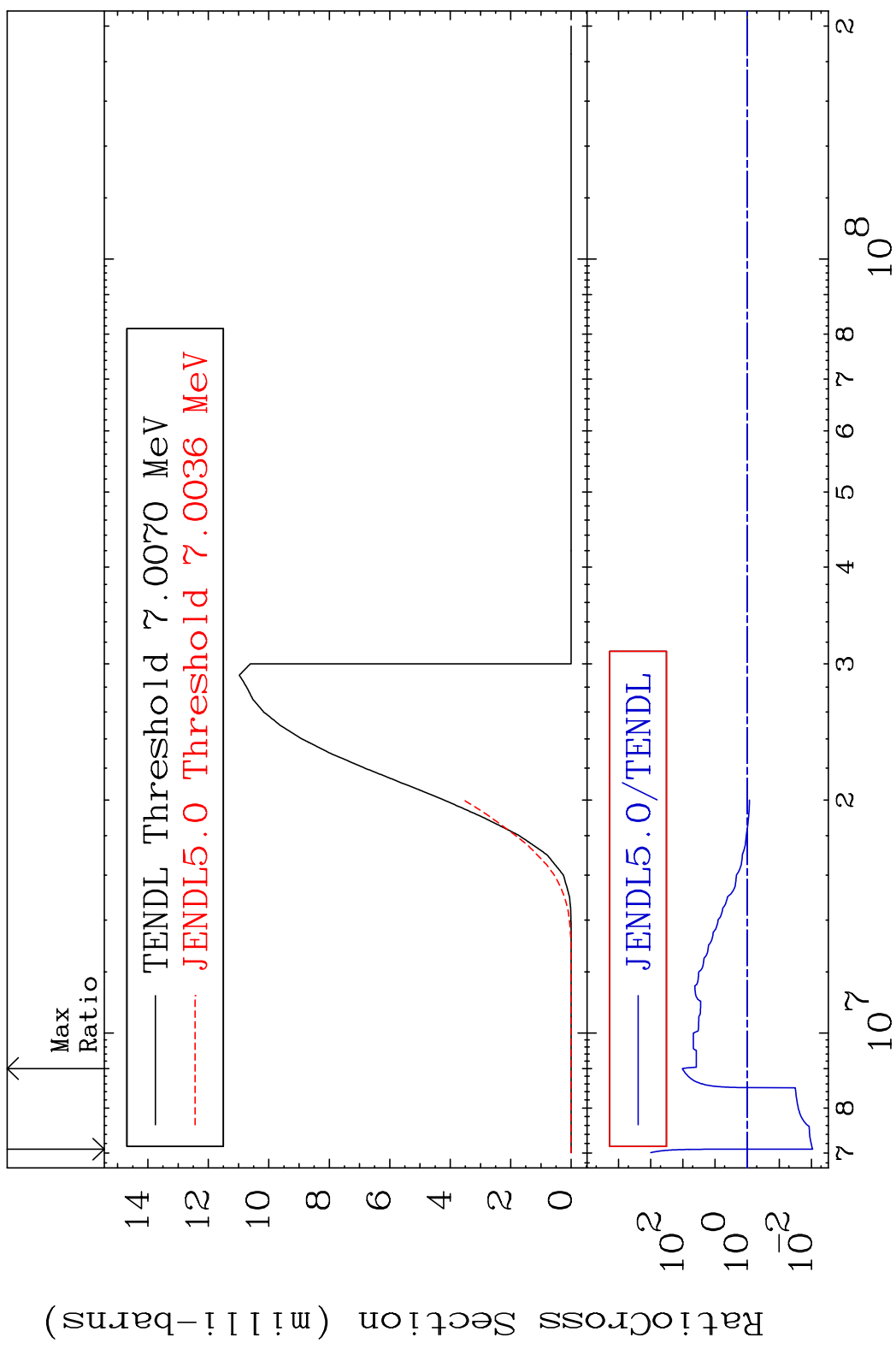
64-Gd-160

MAT 6449

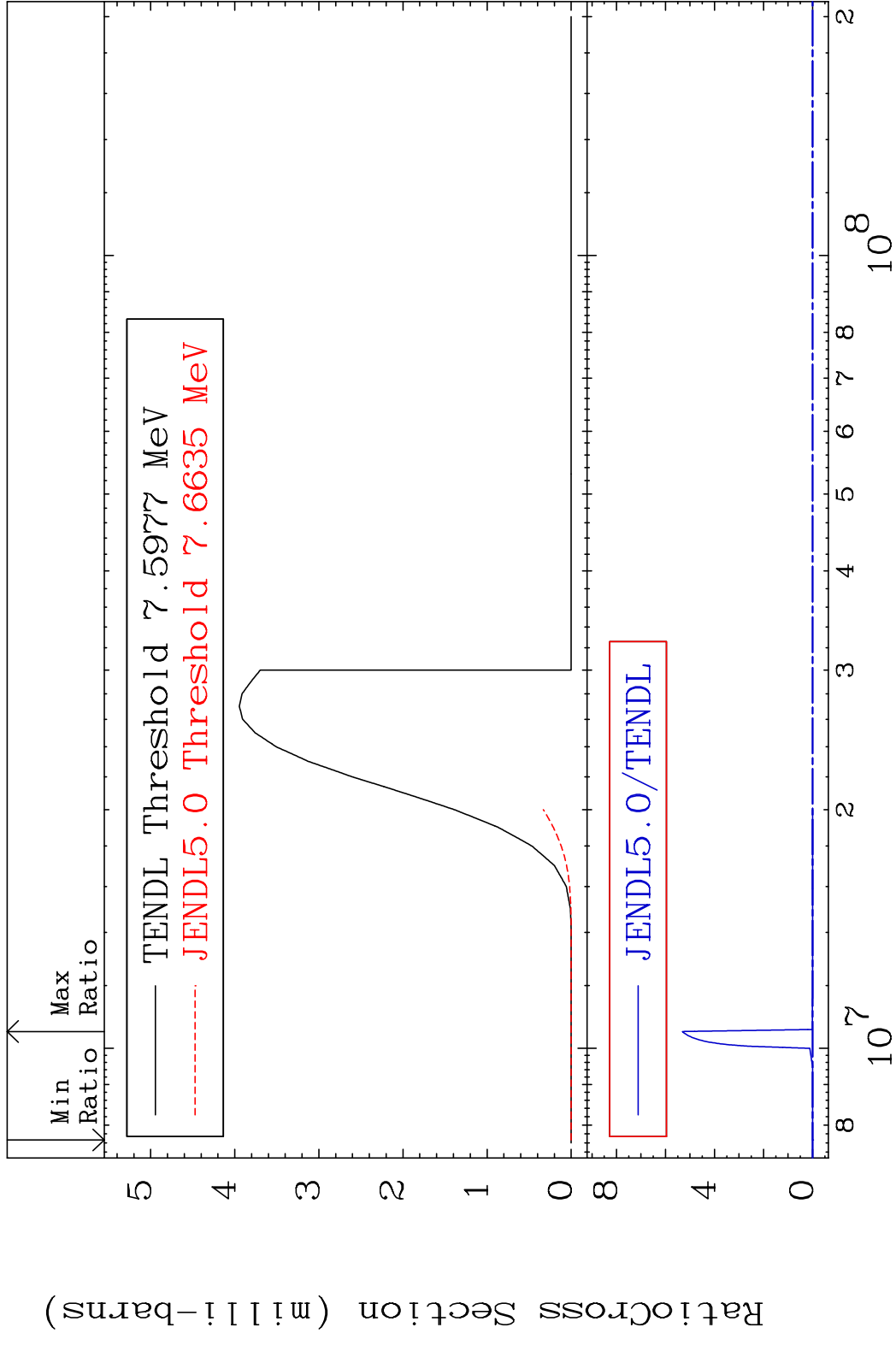
(n,d)

64-Gd-160

Cross Section -99.08 To 9999. %



MAT 6449 (n, t) 64-Gd-160
 Cross Section -100.0 To 9999. %

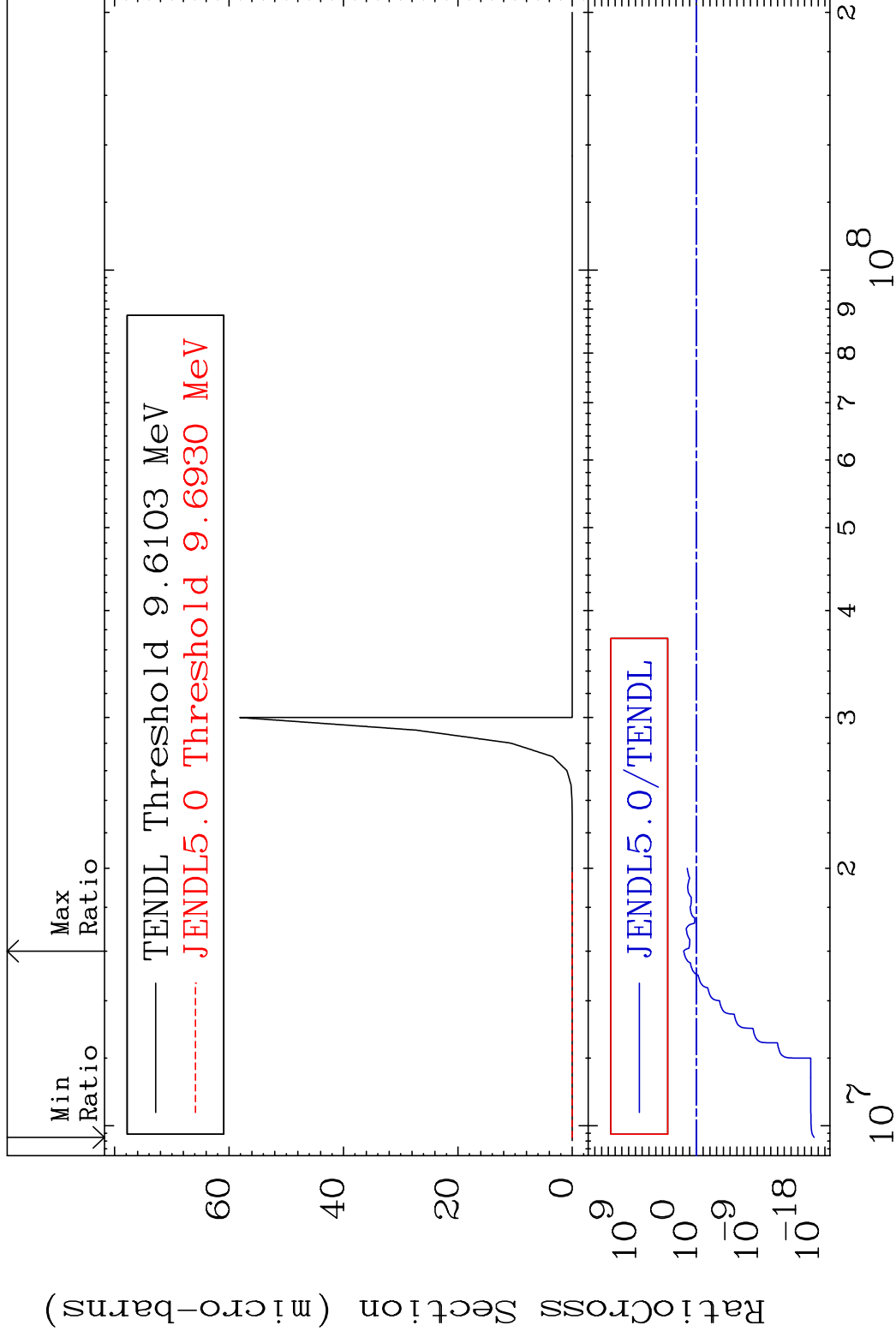


MAT 6449

(n, He-3)

64-Gd-160

Cross Section -100.0 To 7360. %



43

Incident Energy (eV)

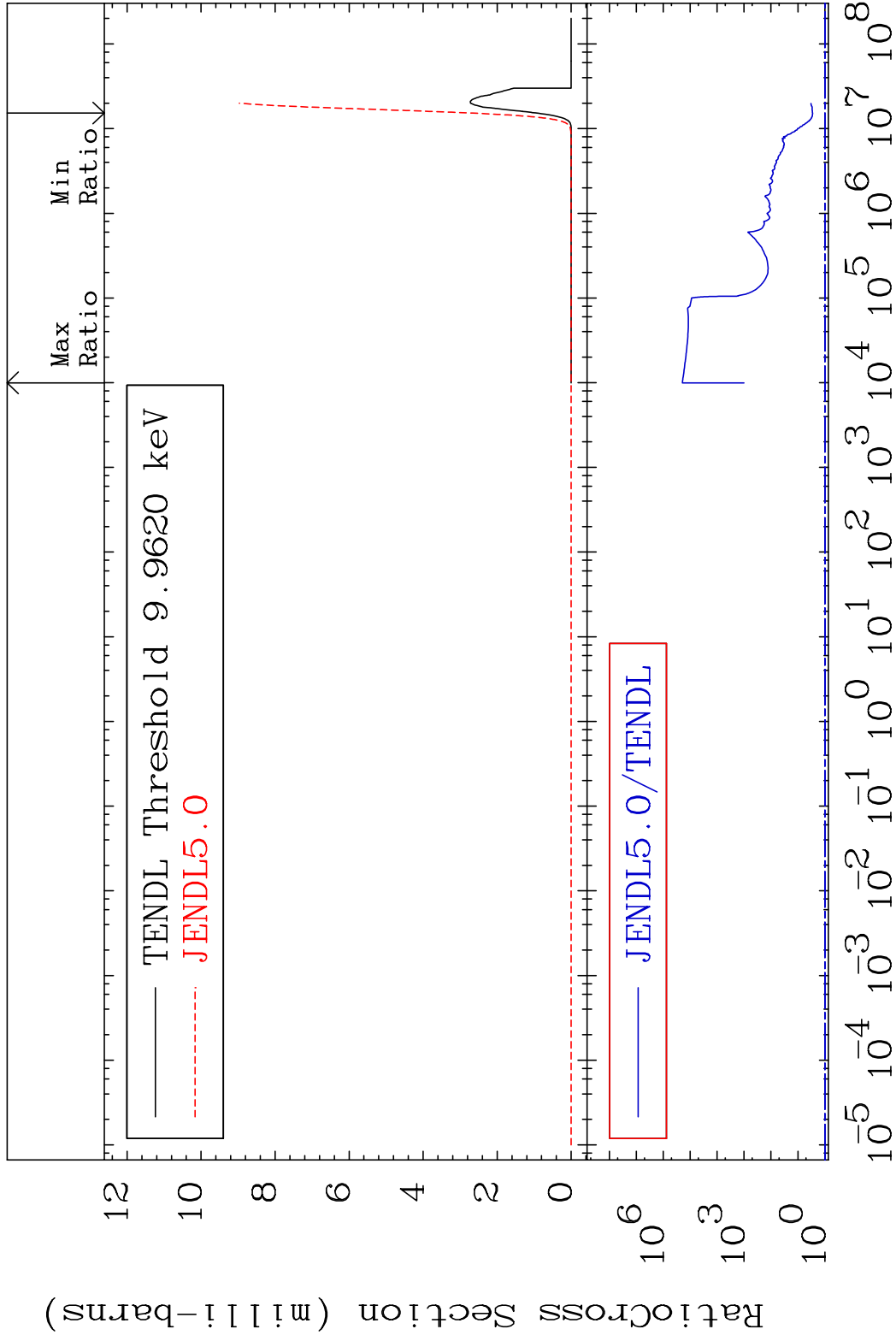
64-Gd-160

MAT 6449

(n, α)

64-Gd-160

Cross Section 185.6 To 9999. %



44

Incident Energy (eV)

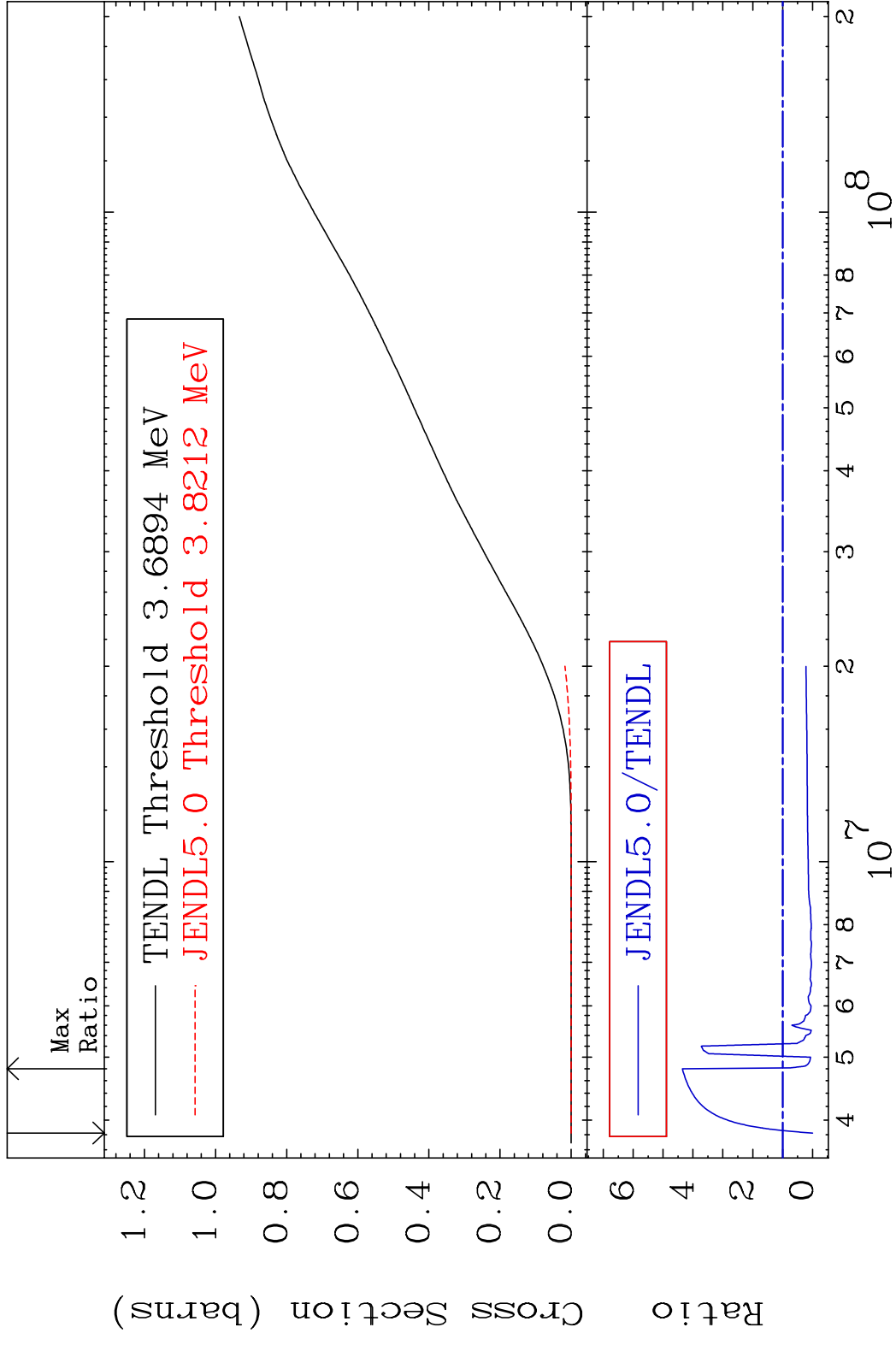
64-Gd-160

MAT 6449

Hydrogen Production

64-Gd-160

Cross Section -100.0 To 335.5 %

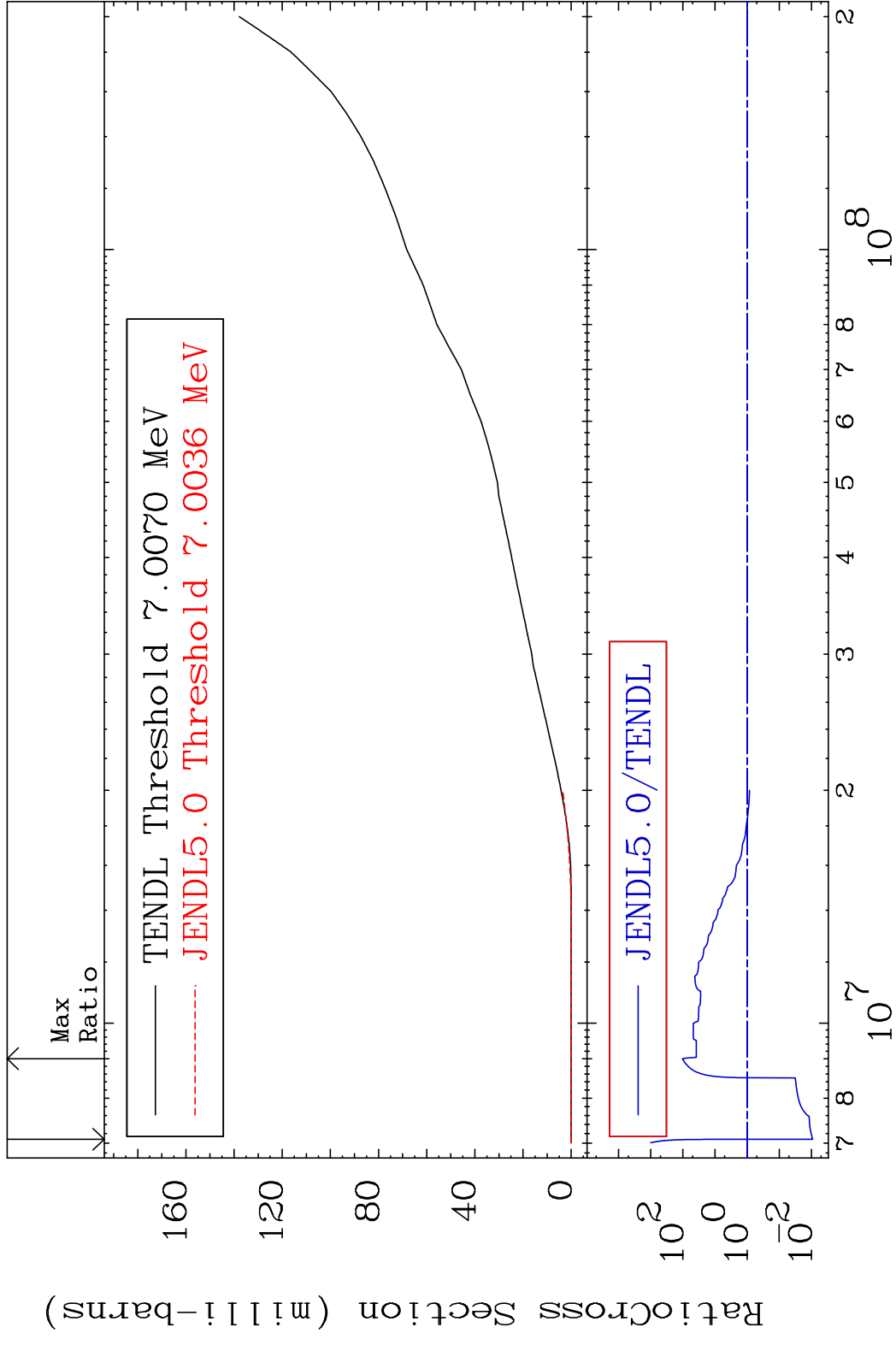


MAT 6449

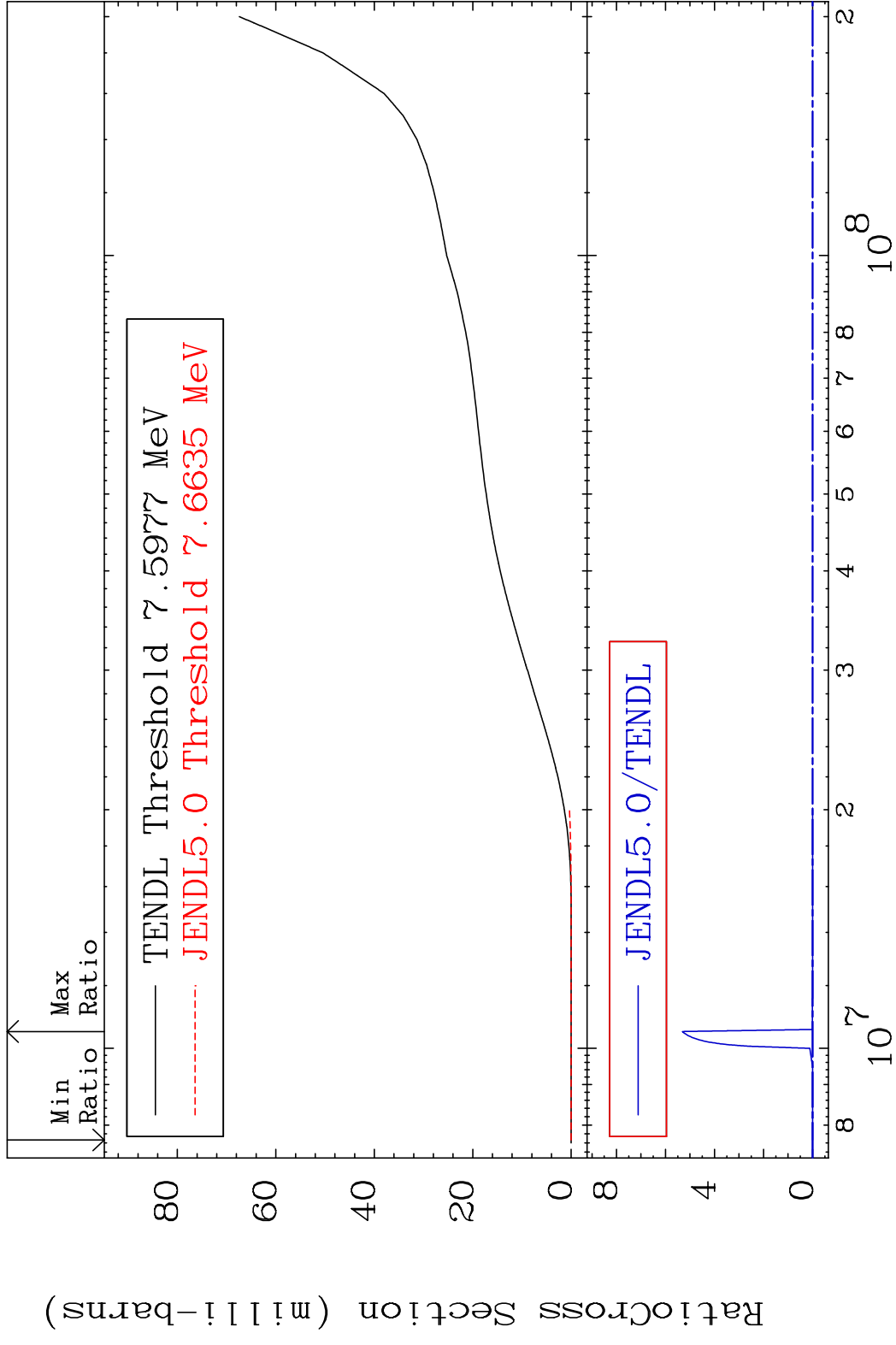
Deuterium Production

64-Gd-160

Cross Section -99.08 To 9999. %



MAT 6449 Tritium Production 64-Gd-160
 Cross Section -100.0 To 9999. %

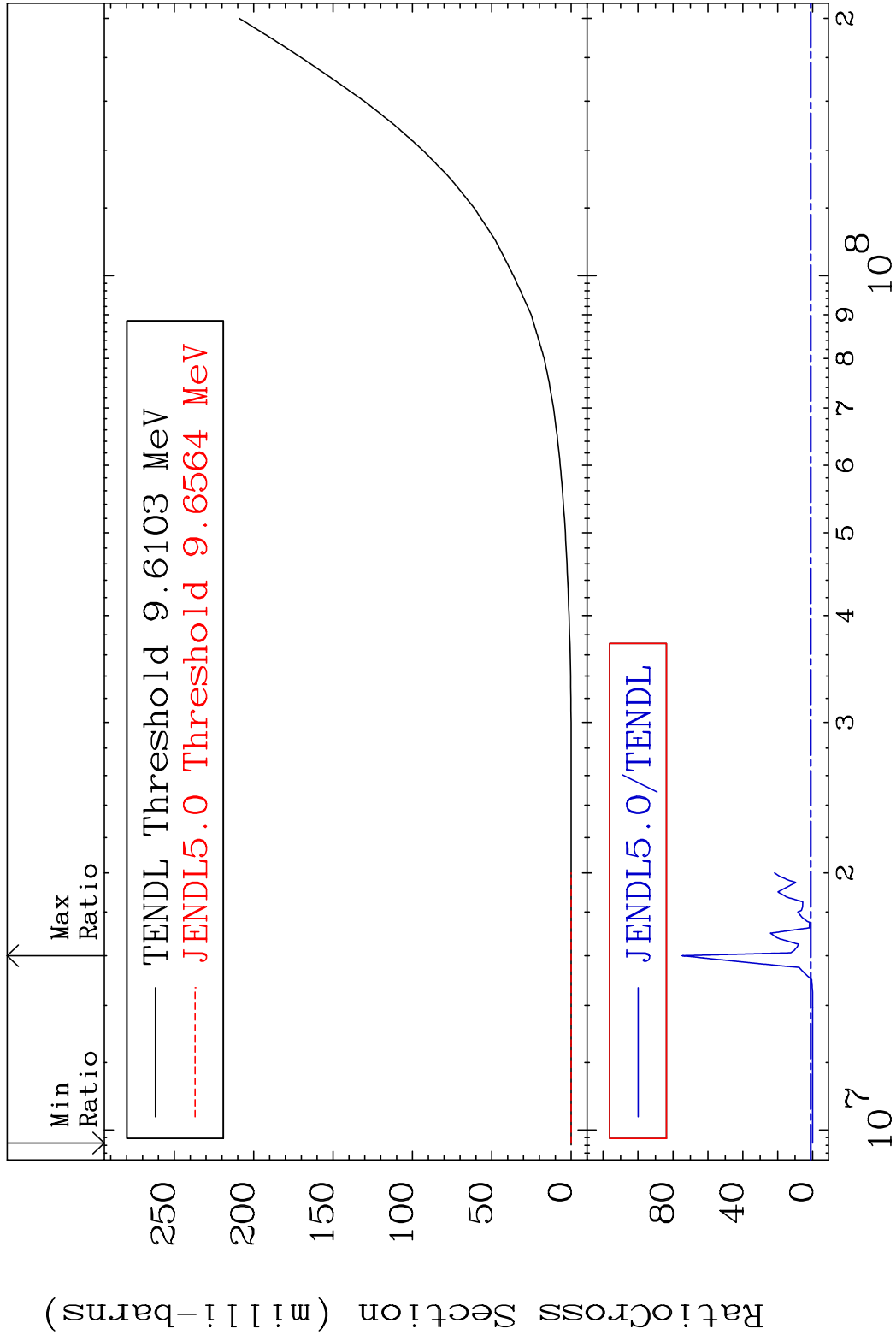


MAT 6449

He-3 Production

64-Gd-160

Cross Section -100.0 To 7360. %



48

Incident Energy (eV)

64-Gd-160

MAT 6449

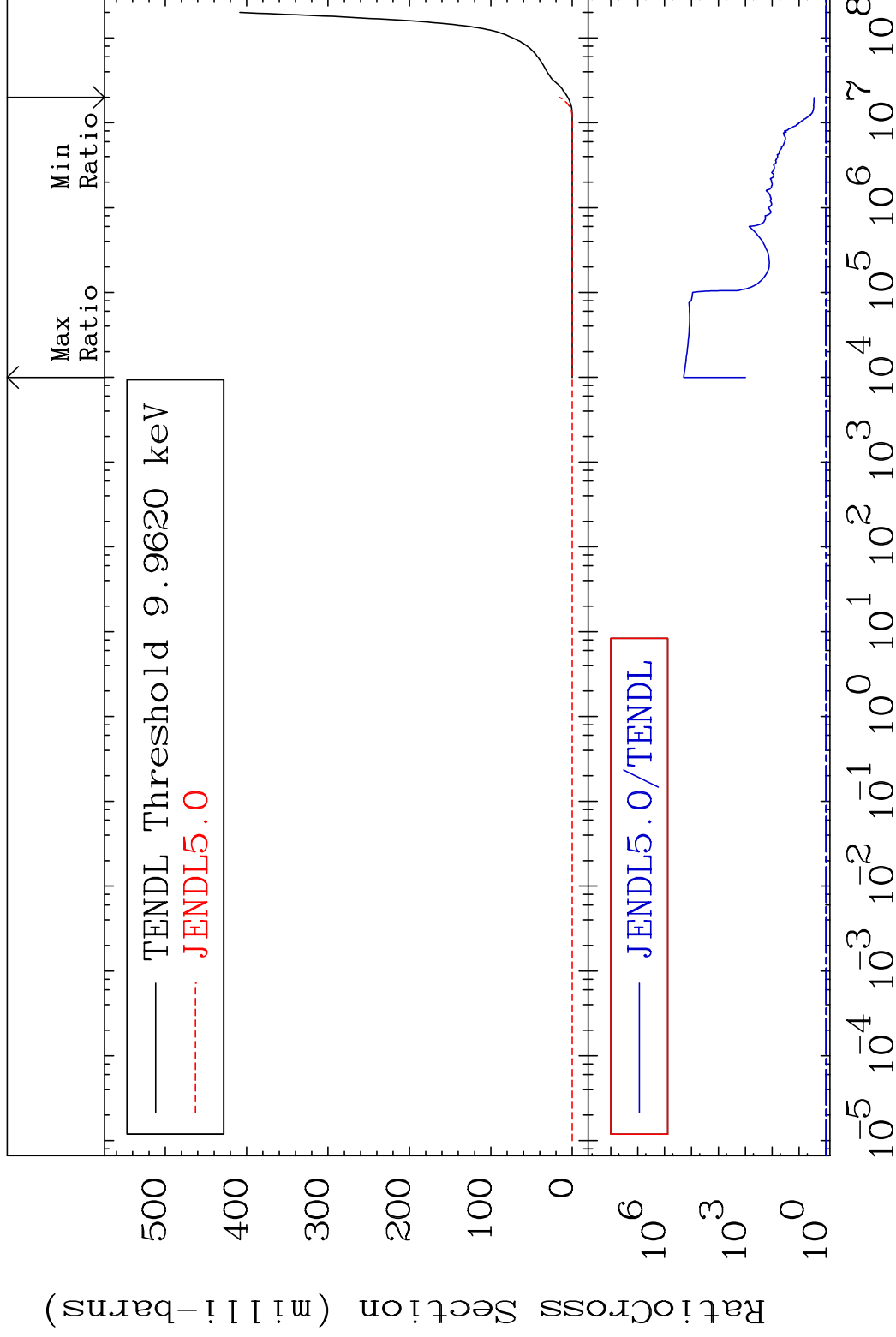
He-4 Production

64-Gd-160

Cross Section

177.4

To 9999. %

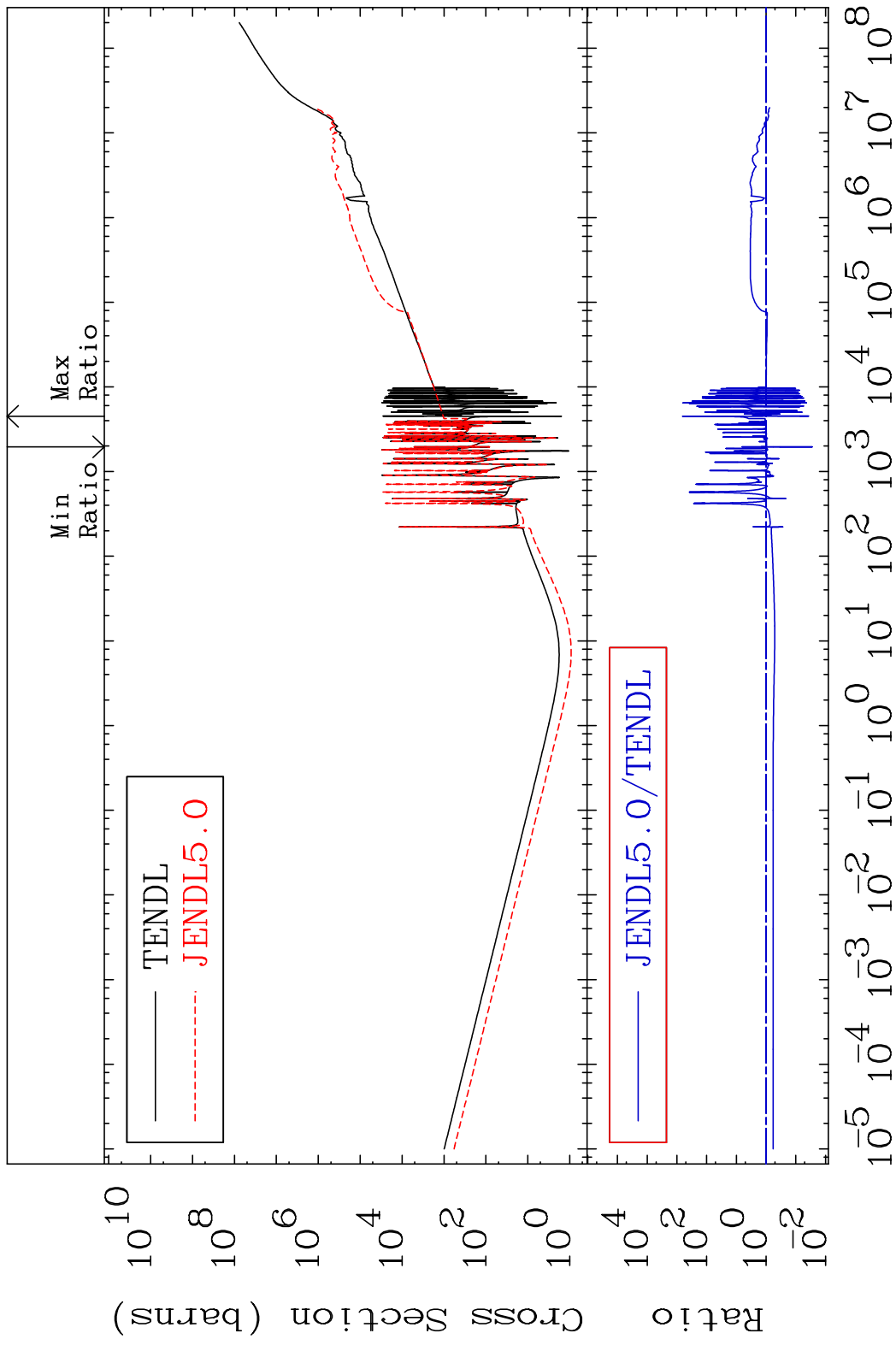


49

Incident Energy (eV)

64-Gd-160

MAT 6449 Kerma total (eV-barns) 64-Gd-160
 Cross Section -97.27 To 9999. %



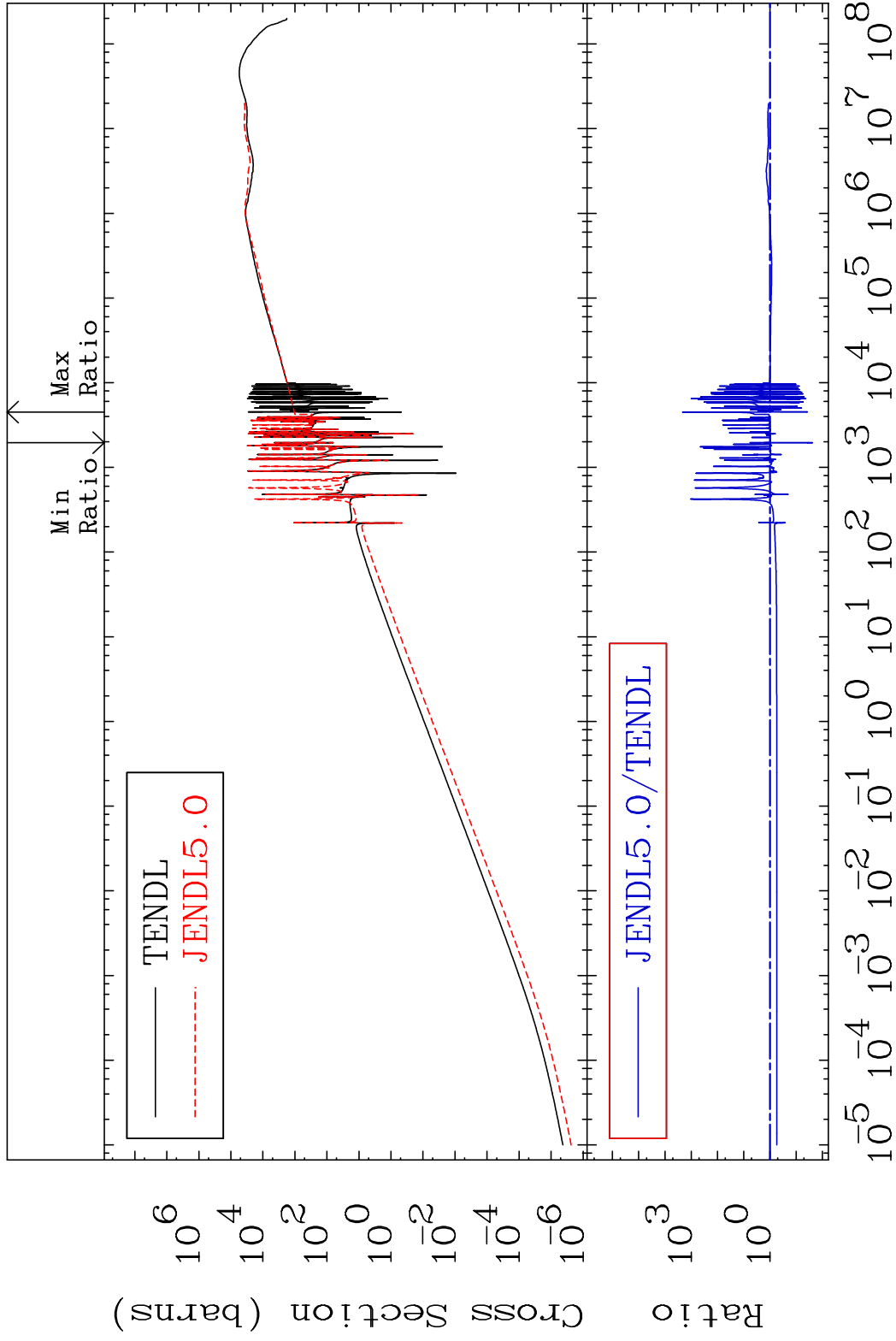
50 Incident Energy (eV) 64-Gd-160

MAT 6449

Kerma elastic

64-Gd-160

Cross Section -97.63 To 9999. %

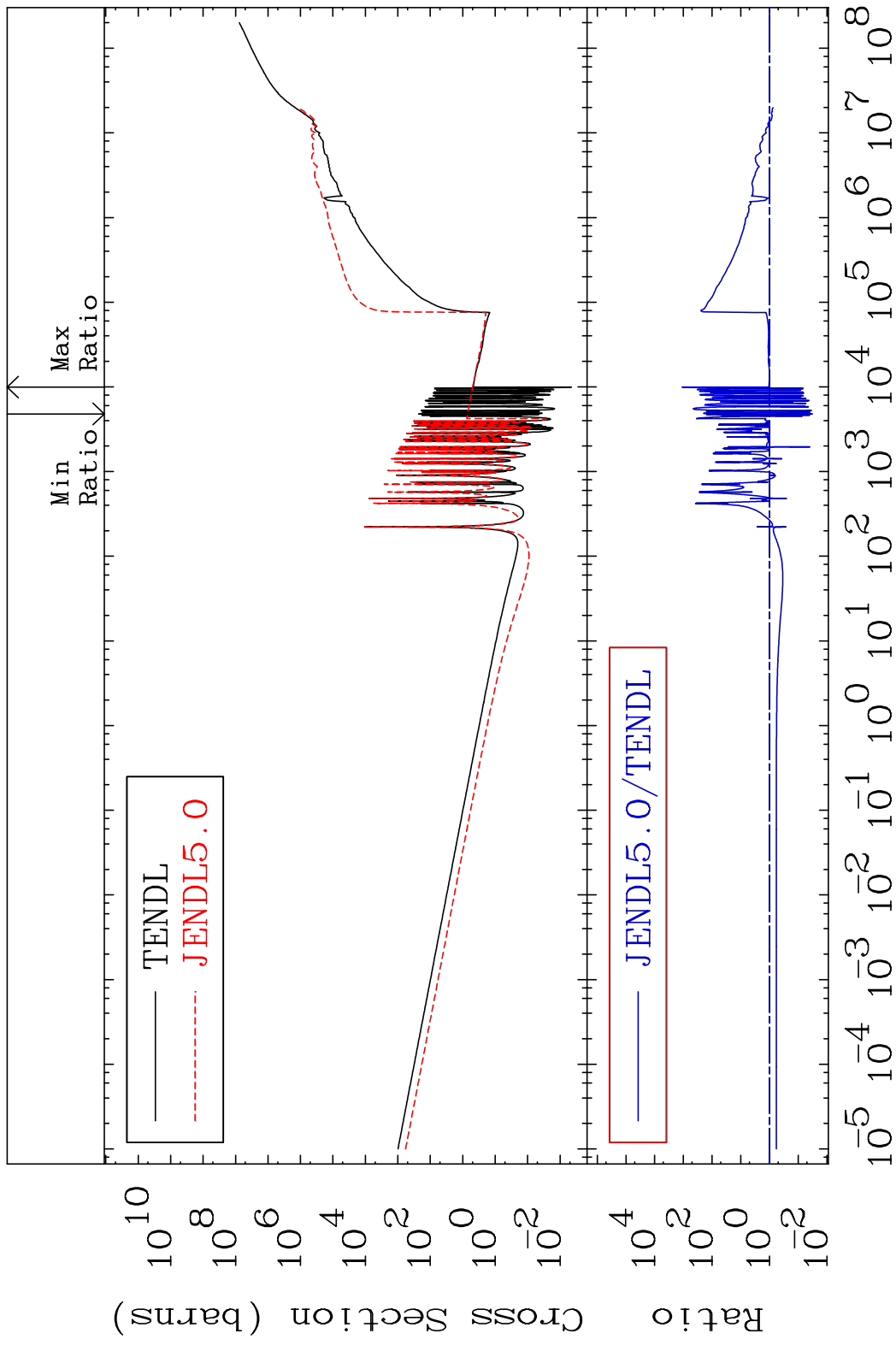


51

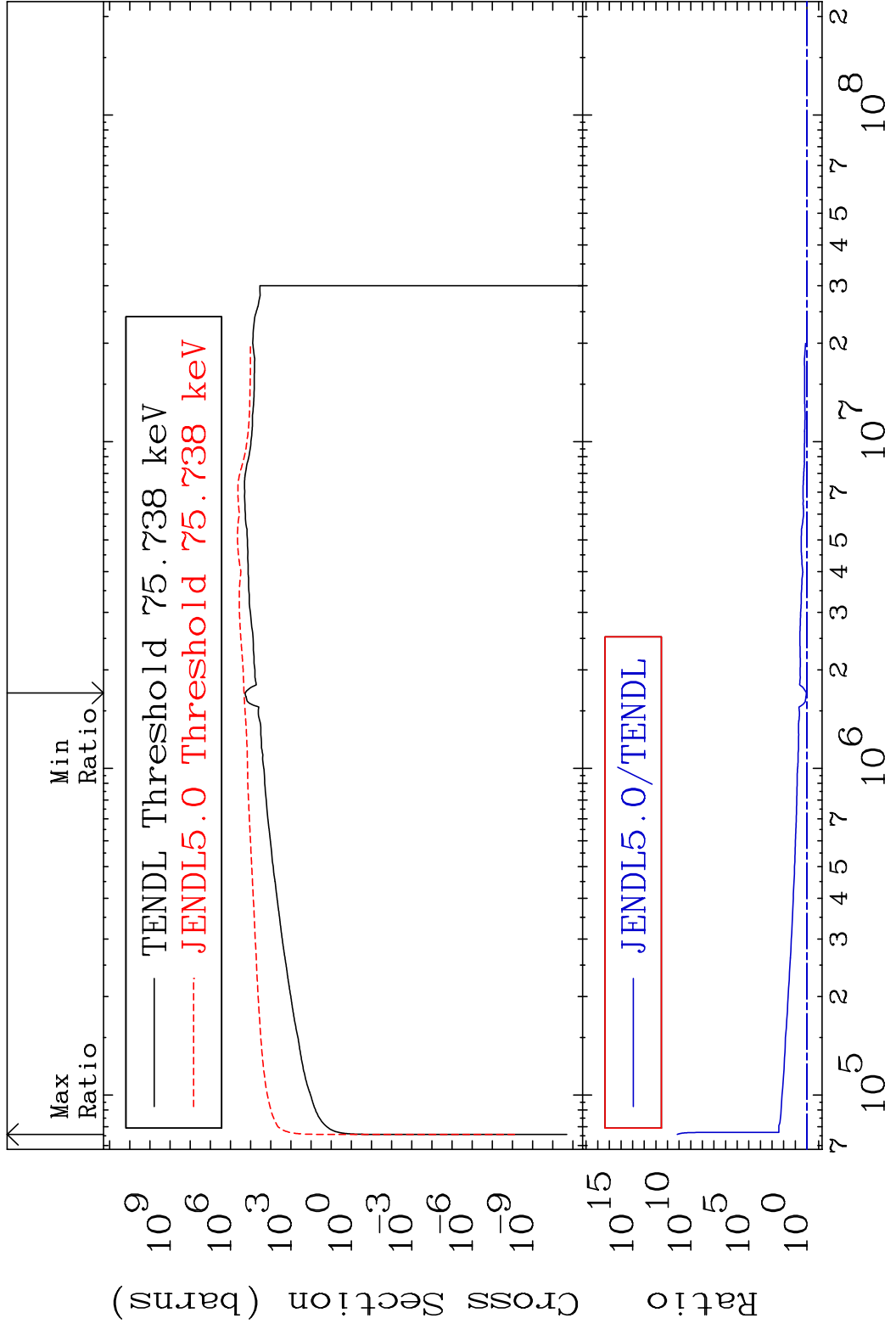
Incident Energy (eV)

64-Gd-160

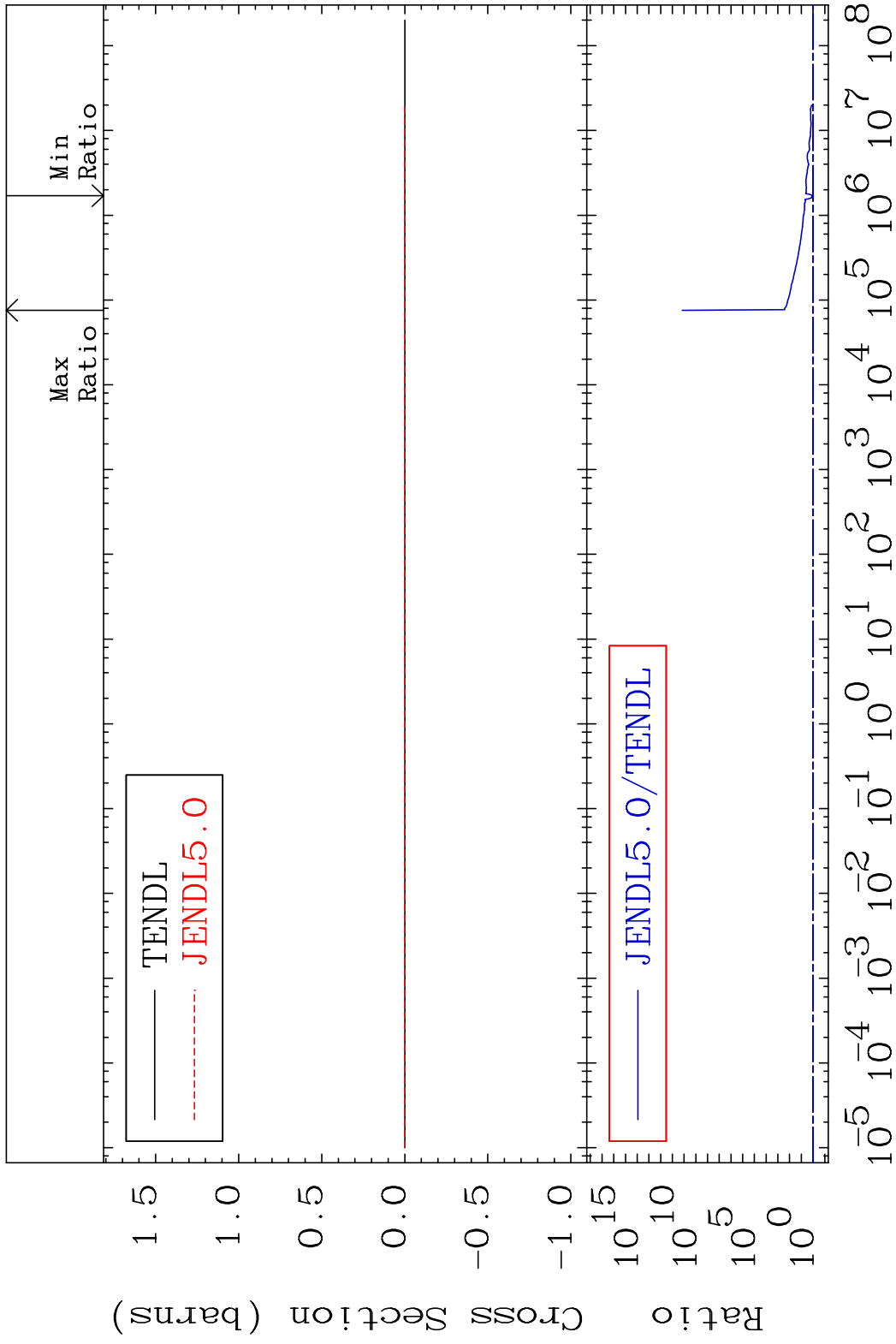
MAT 6449 Kerma non-elastic (all but mt2) 64-Gd-160
 Cross Section -96.84 To 9999. %



MAT 6449 Kerma inelastic (mt51-91) 64-Gd-160
 Cross Section 11.49 To 9999. %

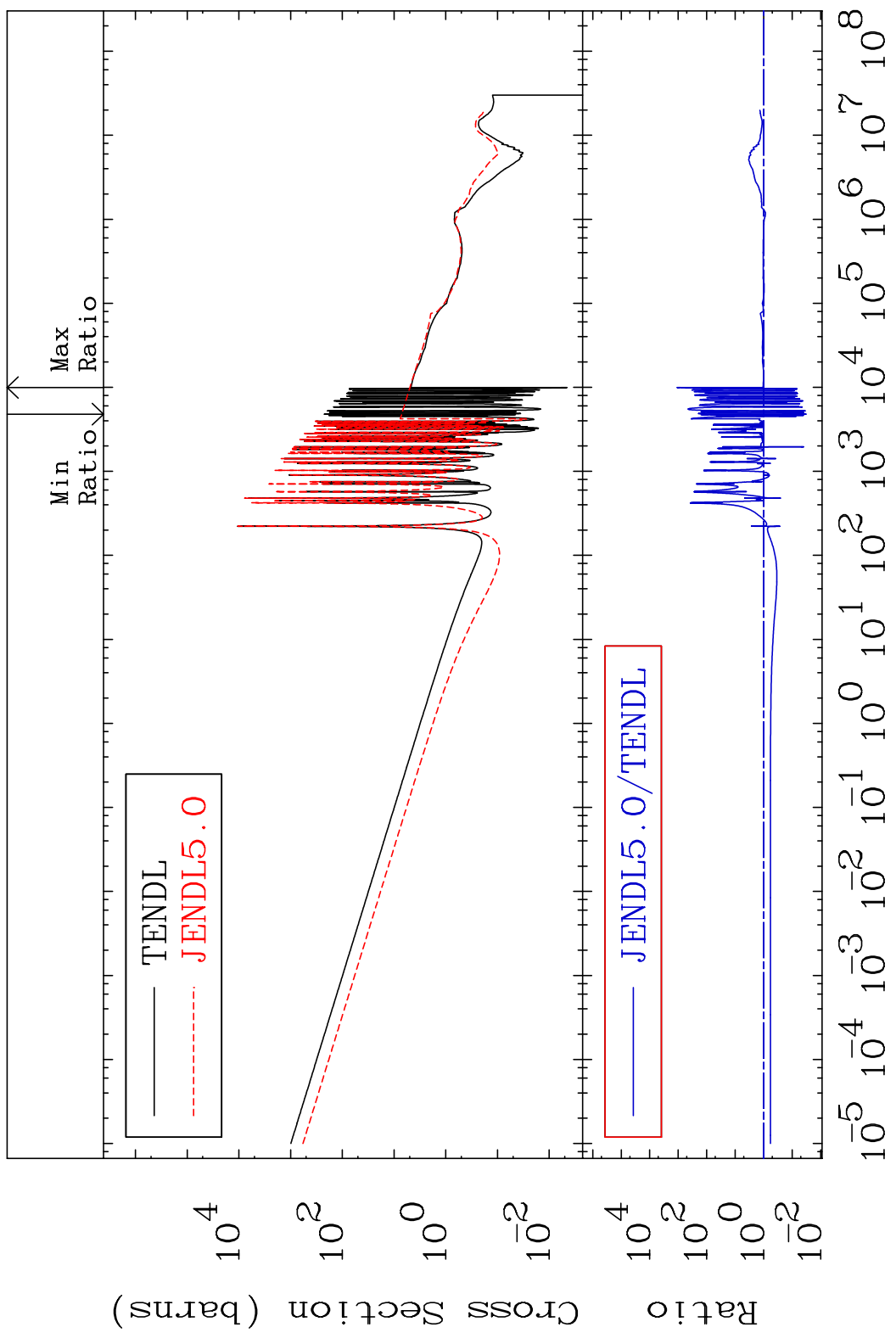


MAT 6449 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-160
 Cross Section 11.49 To 9999. %



MAT 6449

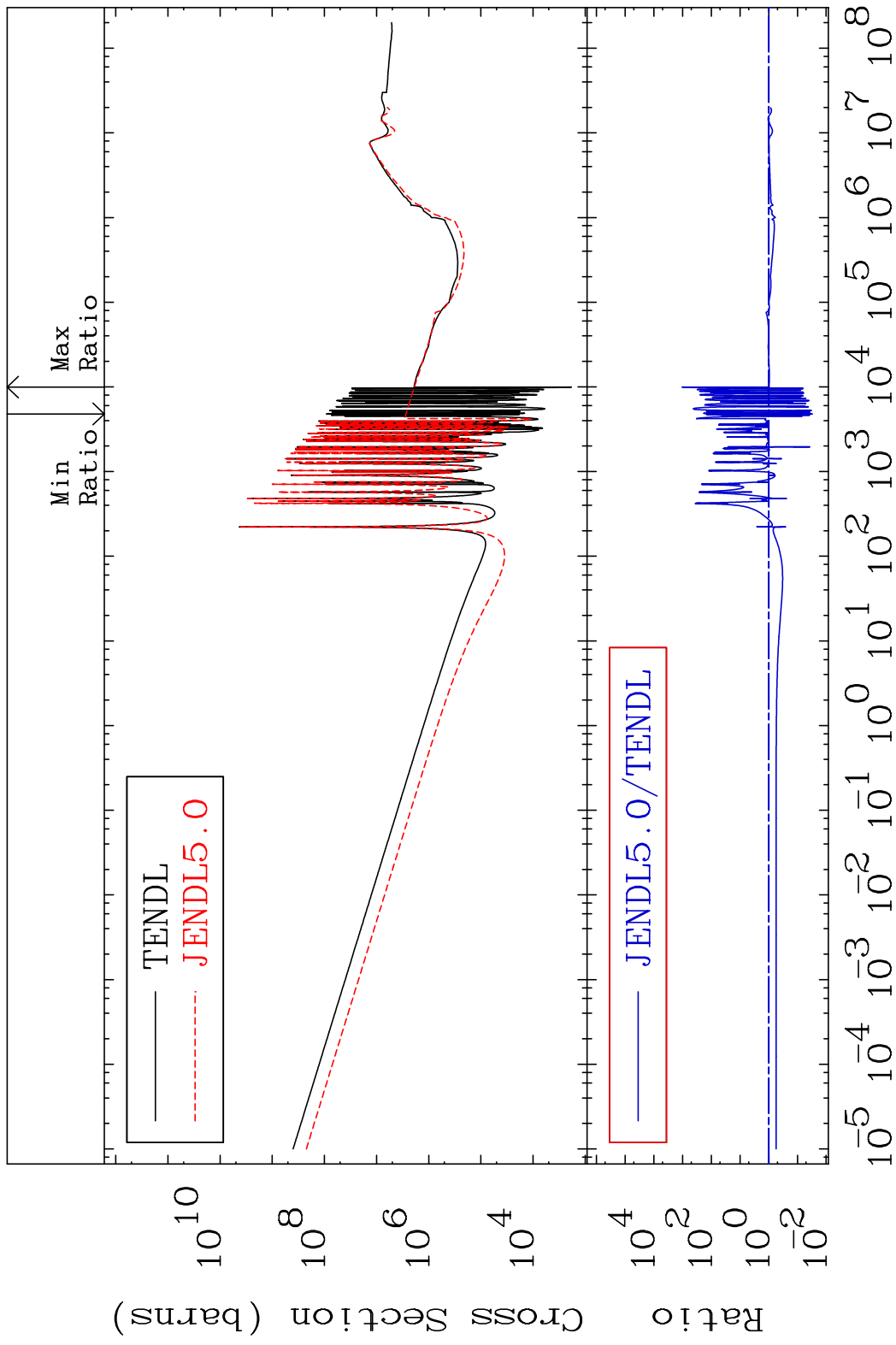
Kerma capture (mt102) 64-Gd-160
Cross Section -96.84 To 9999. %



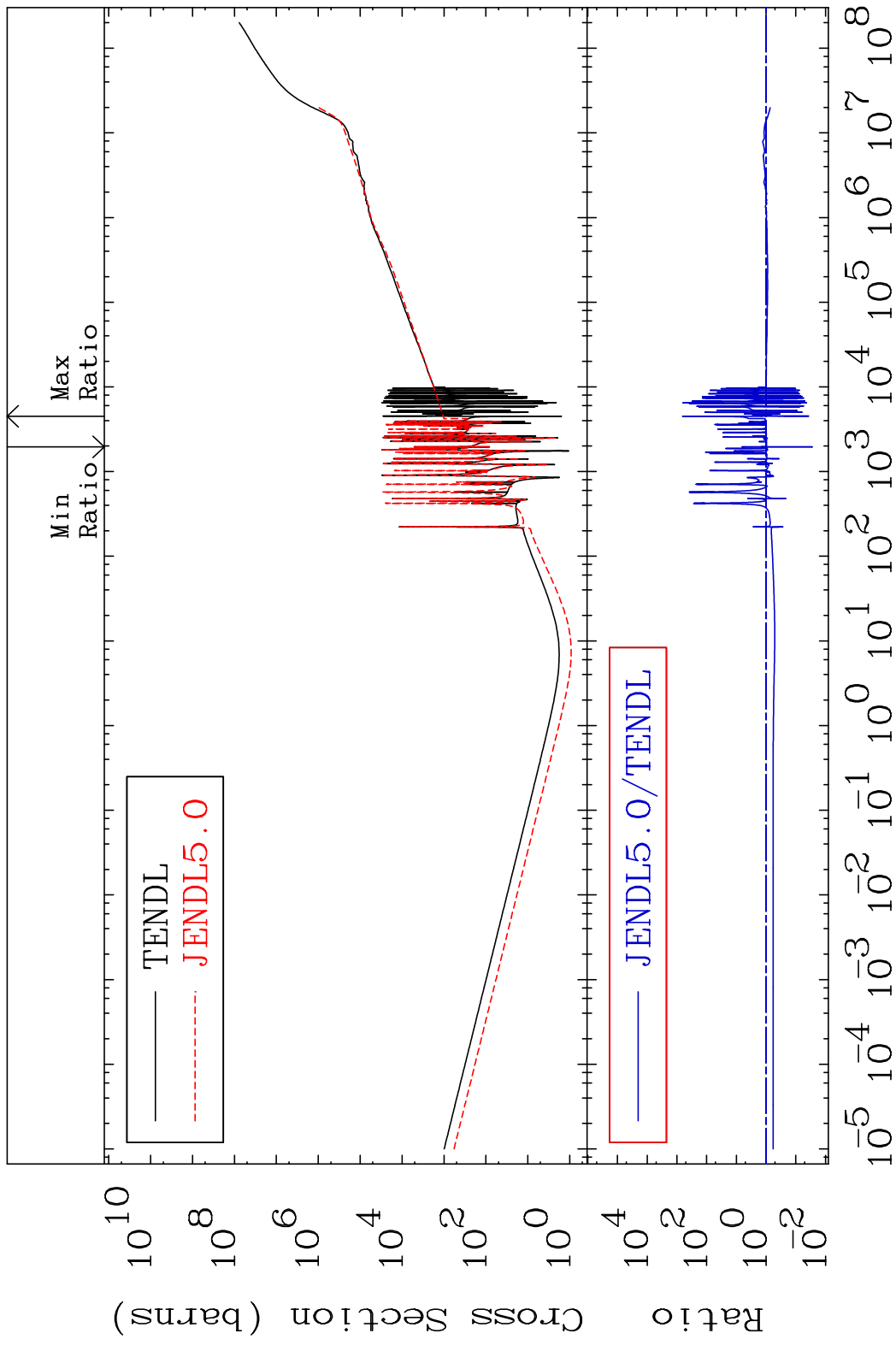
55

Incident Energy (eV) 64-Gd-160

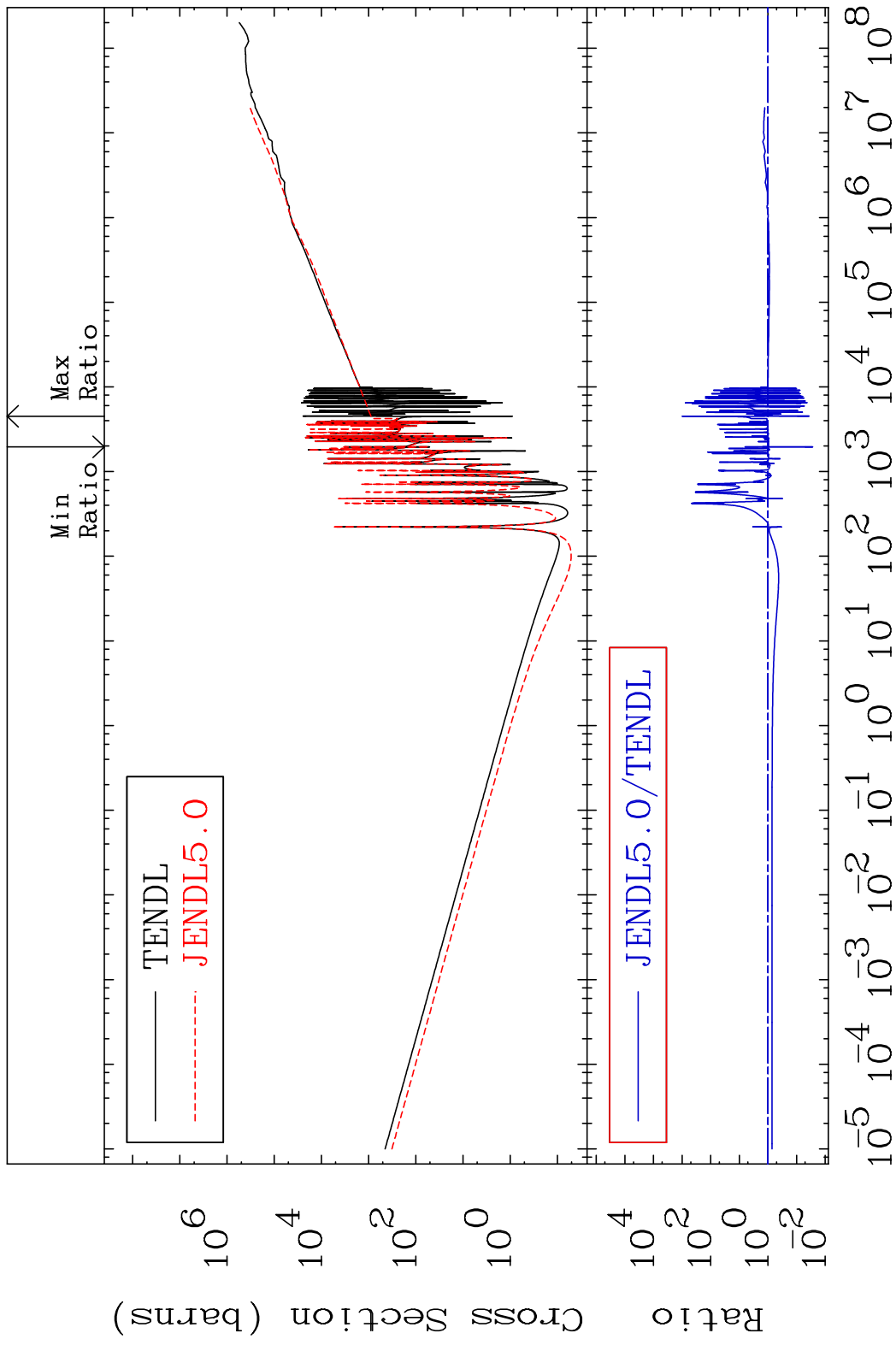
MAT 6449 Total photon (eV-barns) 64-Gd-160
 Cross Section -97.02 To 9999. %



MAT 6449 Total kinematic kerma (high limit) 64-Gd-160
 Cross Section -97.27 To 9999. %



MAT 6449 Dpa total (eV-barns) 64-Gd-160
 Cross Section -97.25 To 9999. %

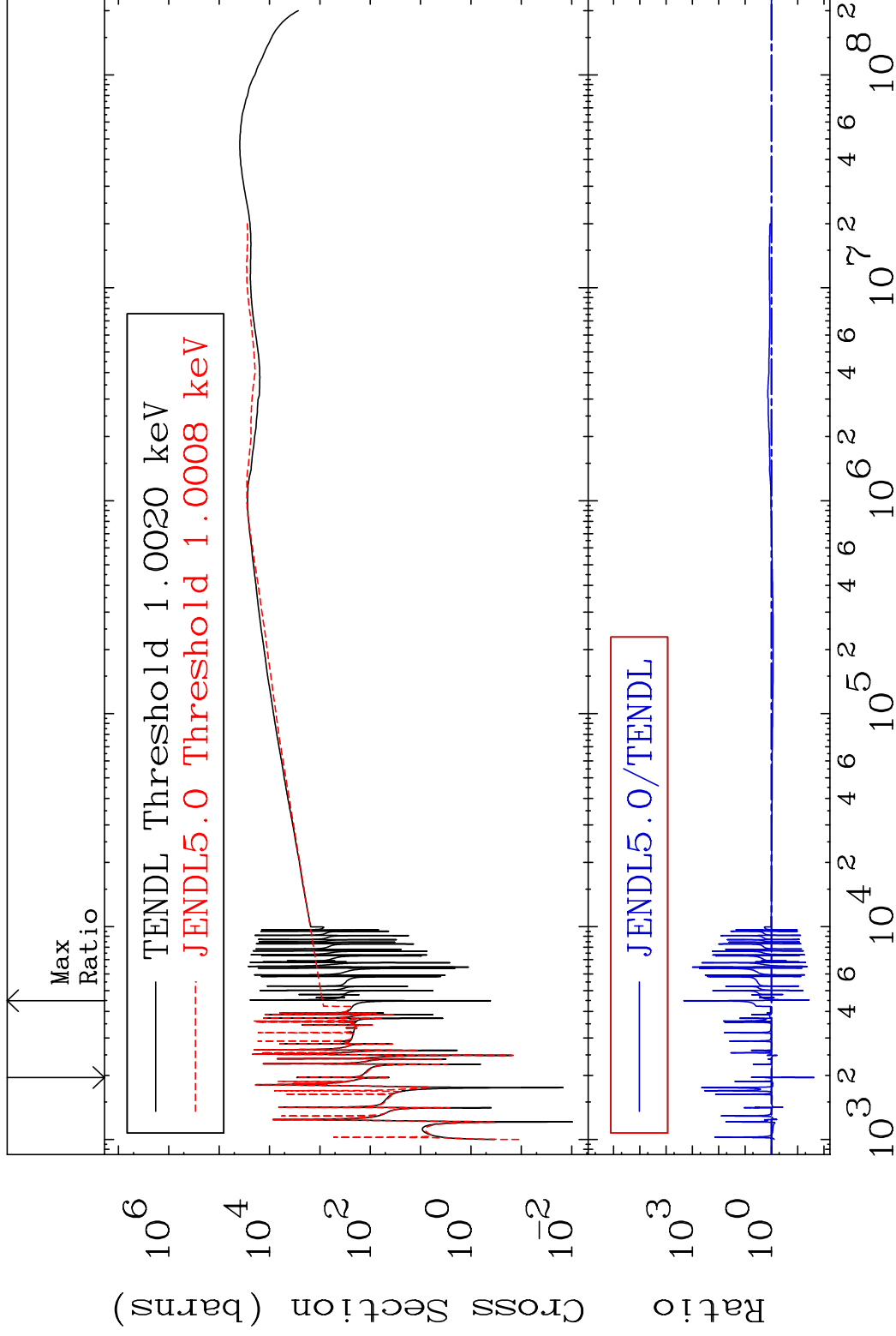


MAT 6449

Dpa elastic (mt2)

64-Gd-160

Cross Section -97.64 To 9999. %

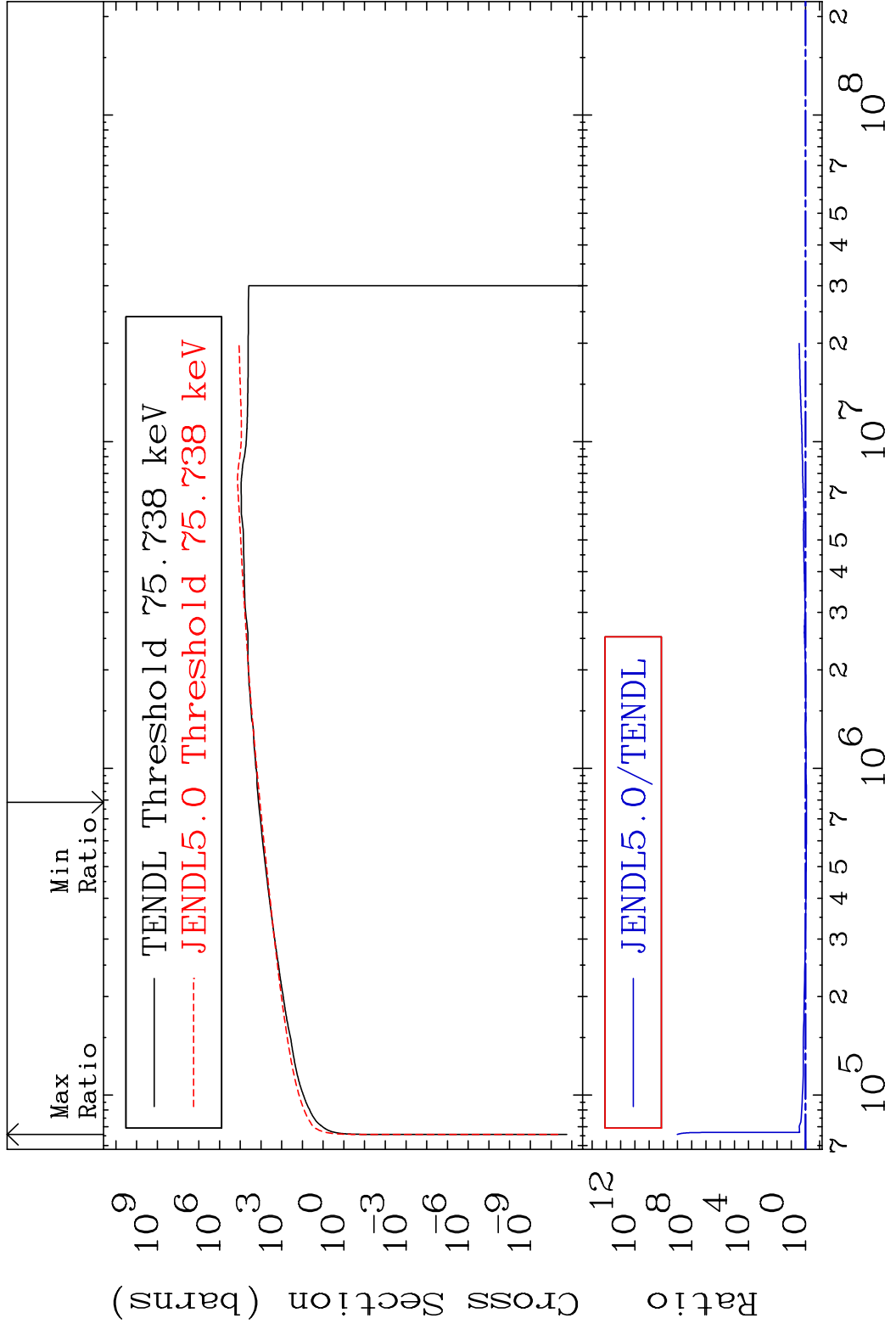


59

Incident Energy (eV)

64-Gd-160

MAT 6449 Dpa inelastic (mt51-91) 64-Gd-160
 Cross Section -13.96 To 9999. %



60 Incident Energy (eV) 64-Gd-160

MAT 6449 Dpa disappearance (mt102 -120) 64-Gd-160
 Cross Section -96.07 To 9999. %

