

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

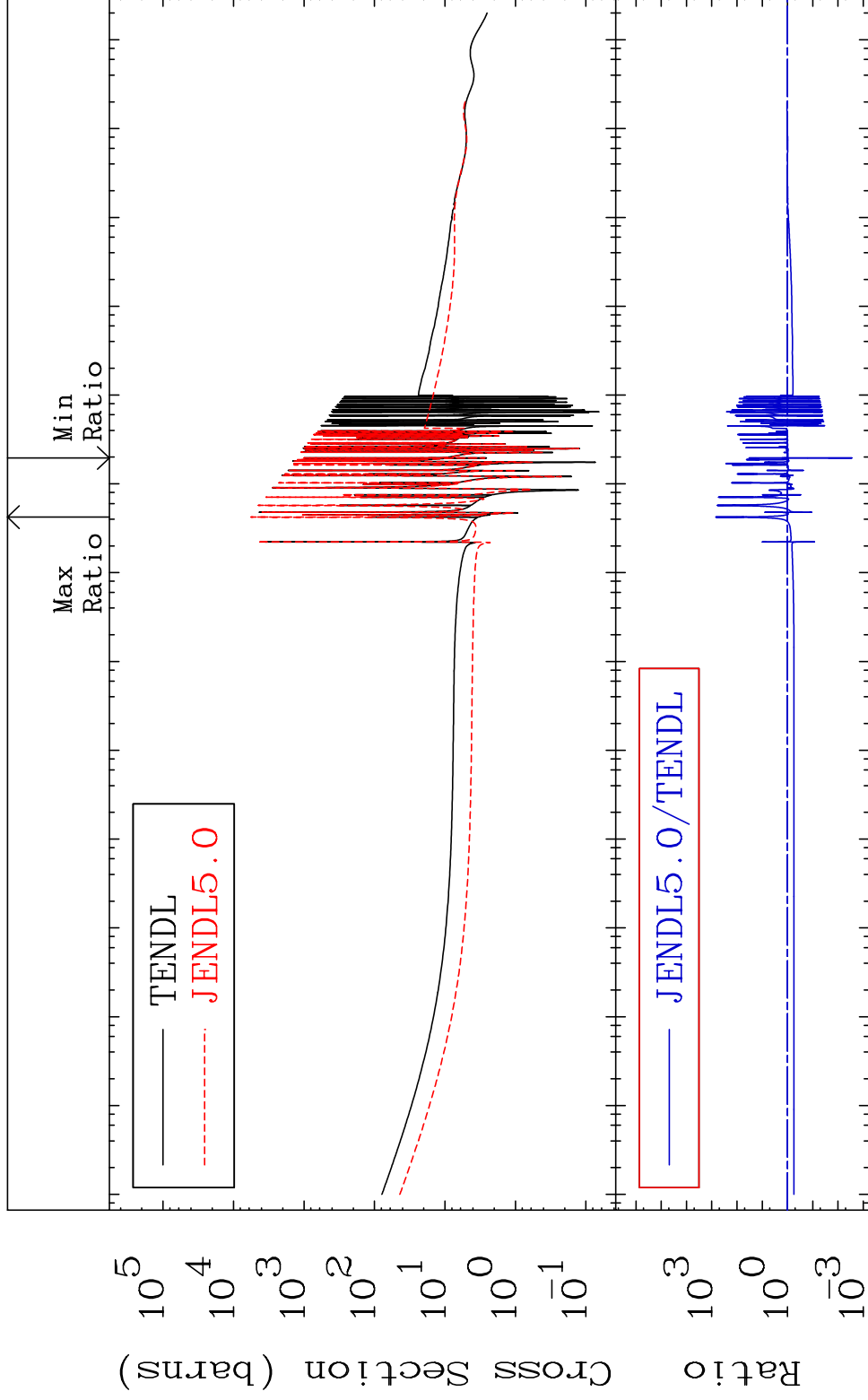
MAT 6449

Total

64-Gd-160

Cross Section

-99.73 To 9999. %



1

Incident Energy (eV)

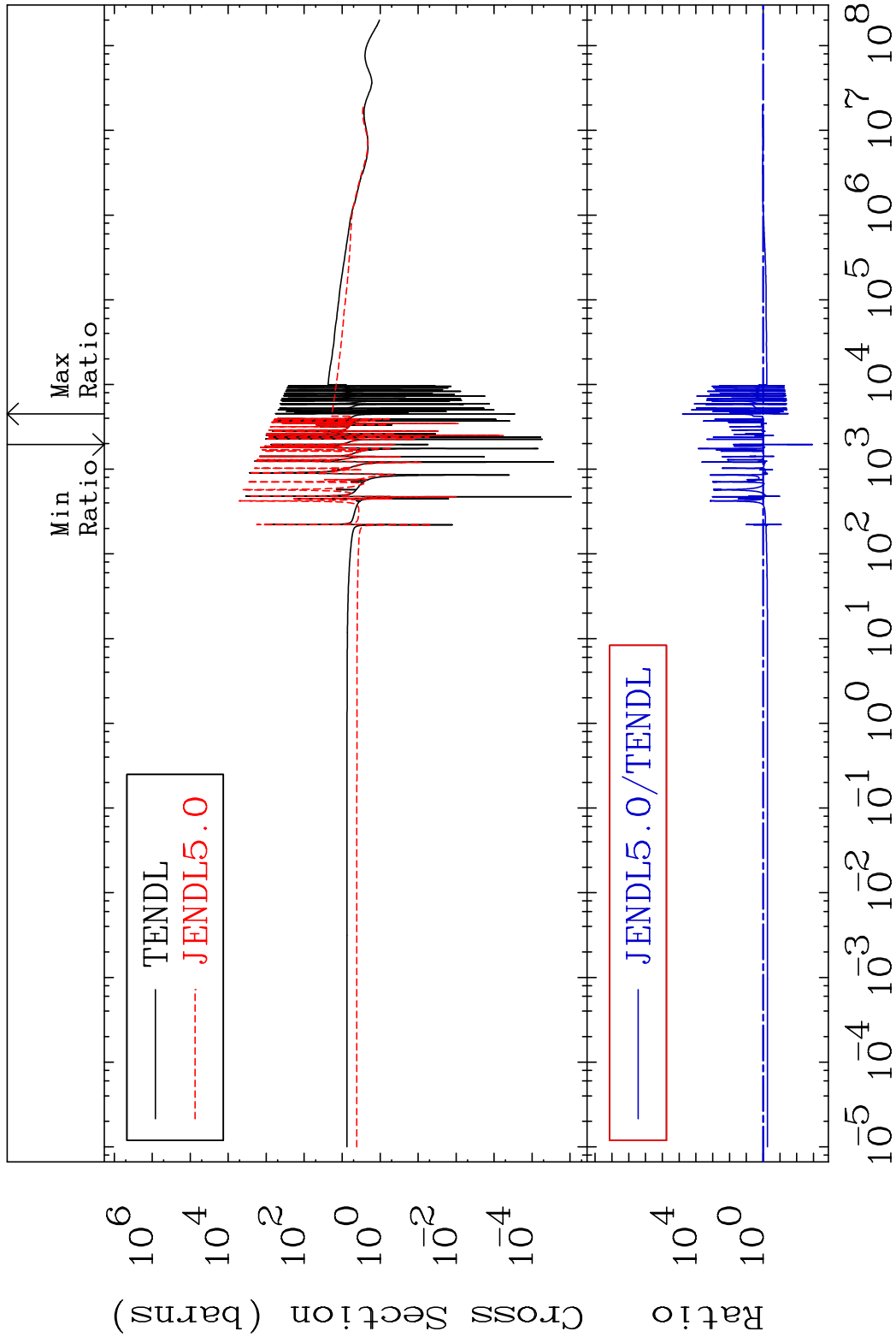
64-Gd-160

MAT 6449

Elastic

64-Gd-160

Cross Section -99.89 To 9999. %



2

Incident Energy (eV)

64-Gd-160

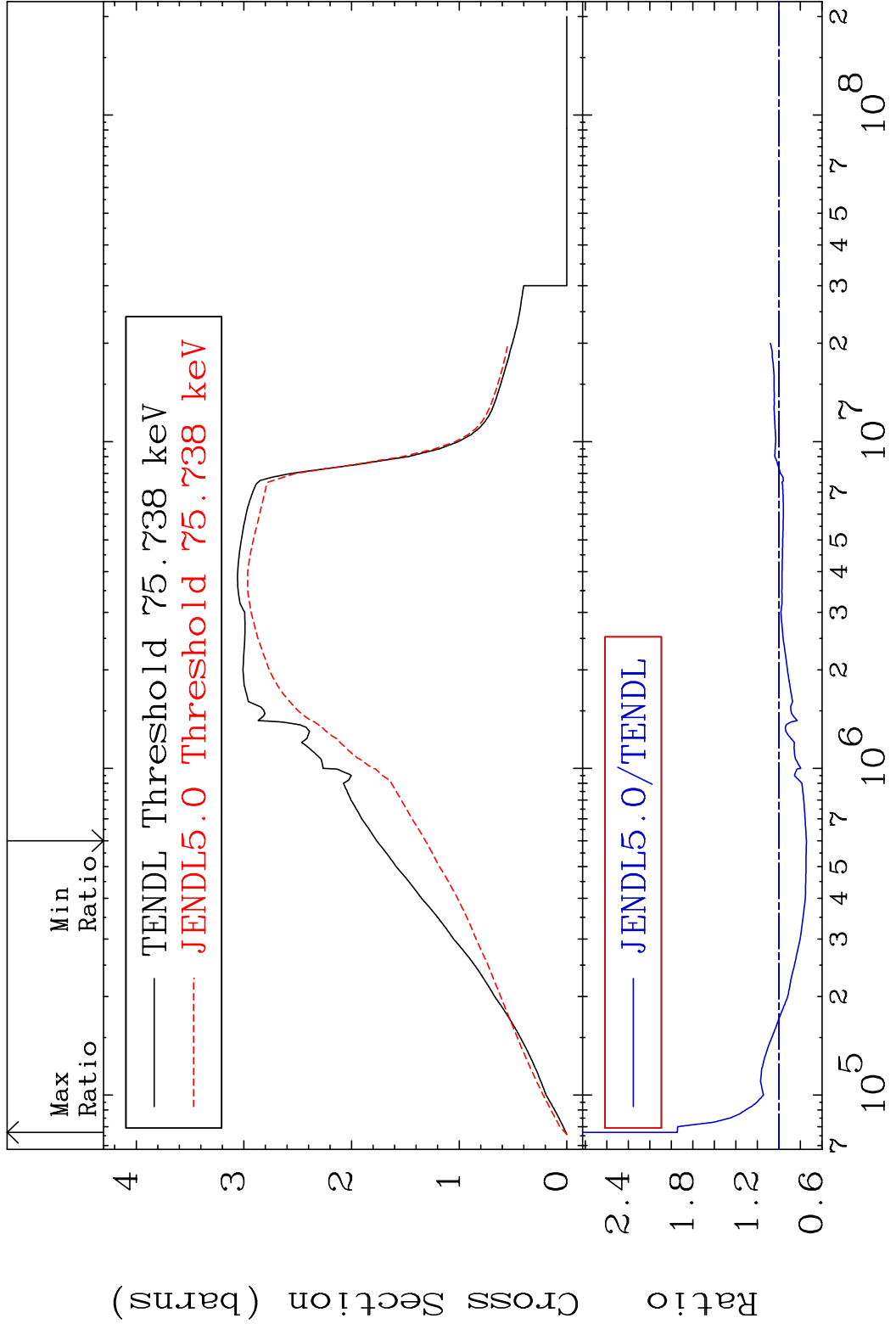
MAT 6449

Inelastic

64-Gd-160

Cross Section

-25.67 To 94.50 %



3

Incident Energy (eV)

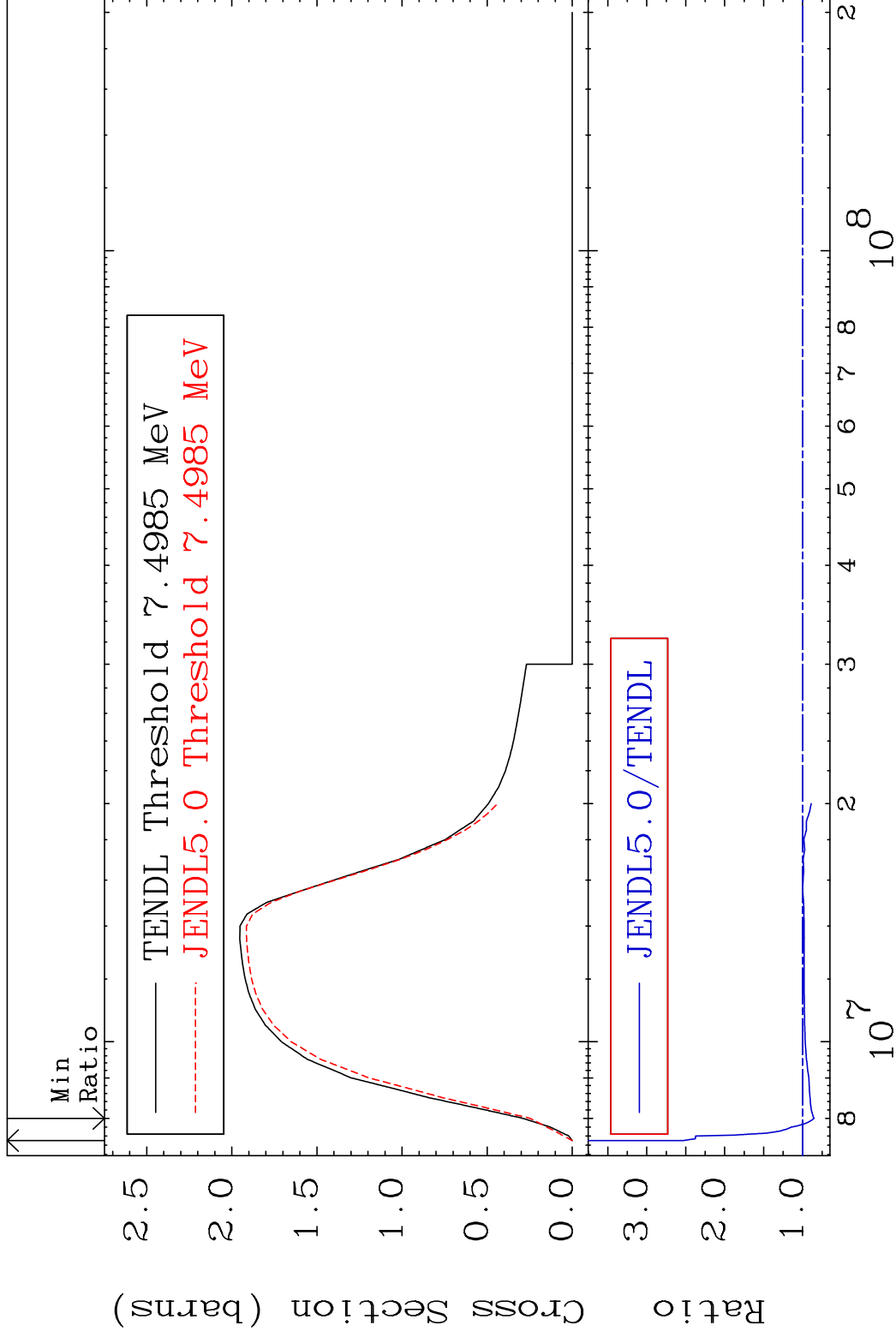
64-Gd-160

MAT 6449

(n,2n)

64-Gd-160

Cross Section -14.79 To 152.6 %



4

Incident Energy (eV)

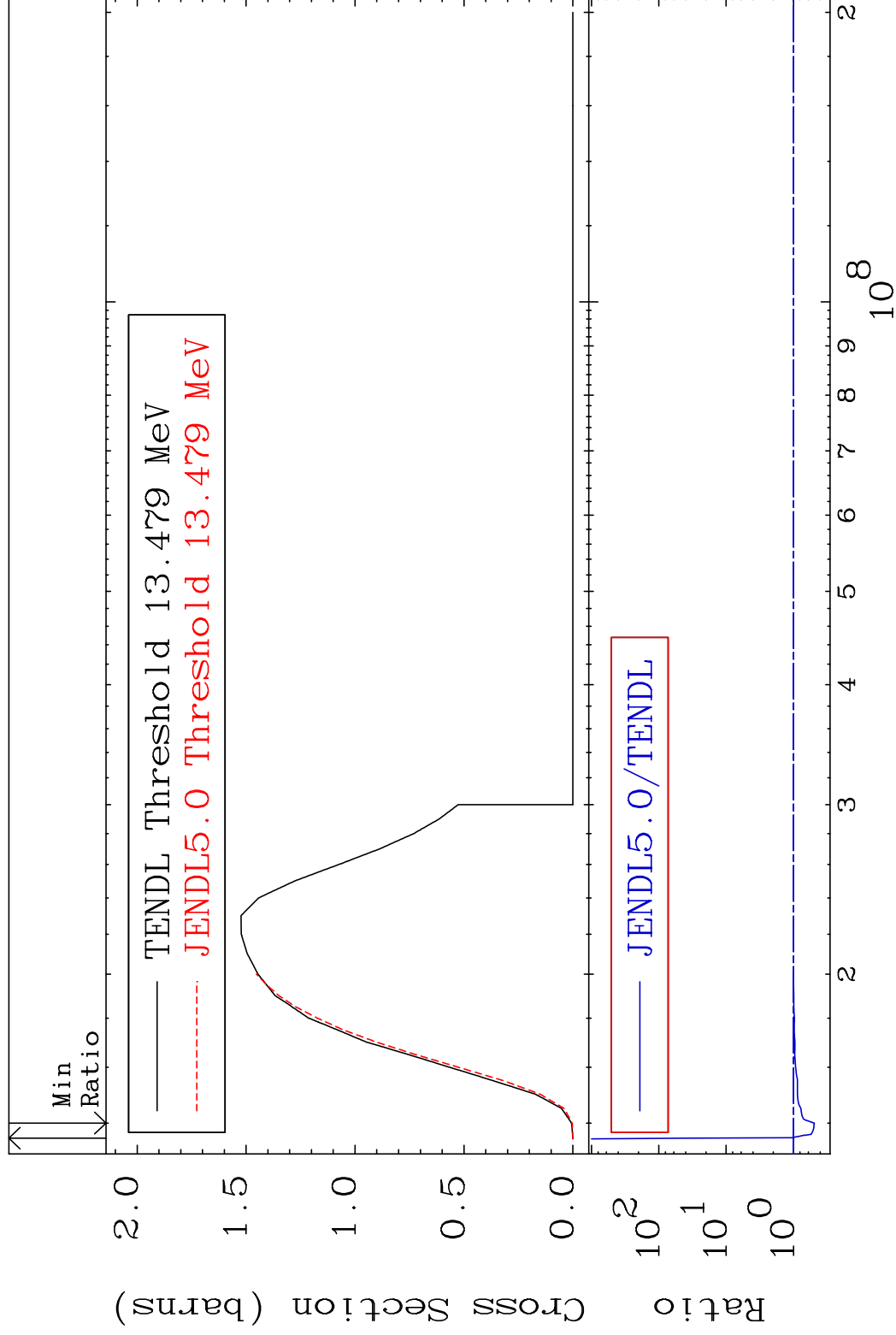
64-Gd-160

MAT 6449

(n,3n)

64-Gd-160

Cross Section -50.90 To 4118. %



5

Incident Energy (eV)

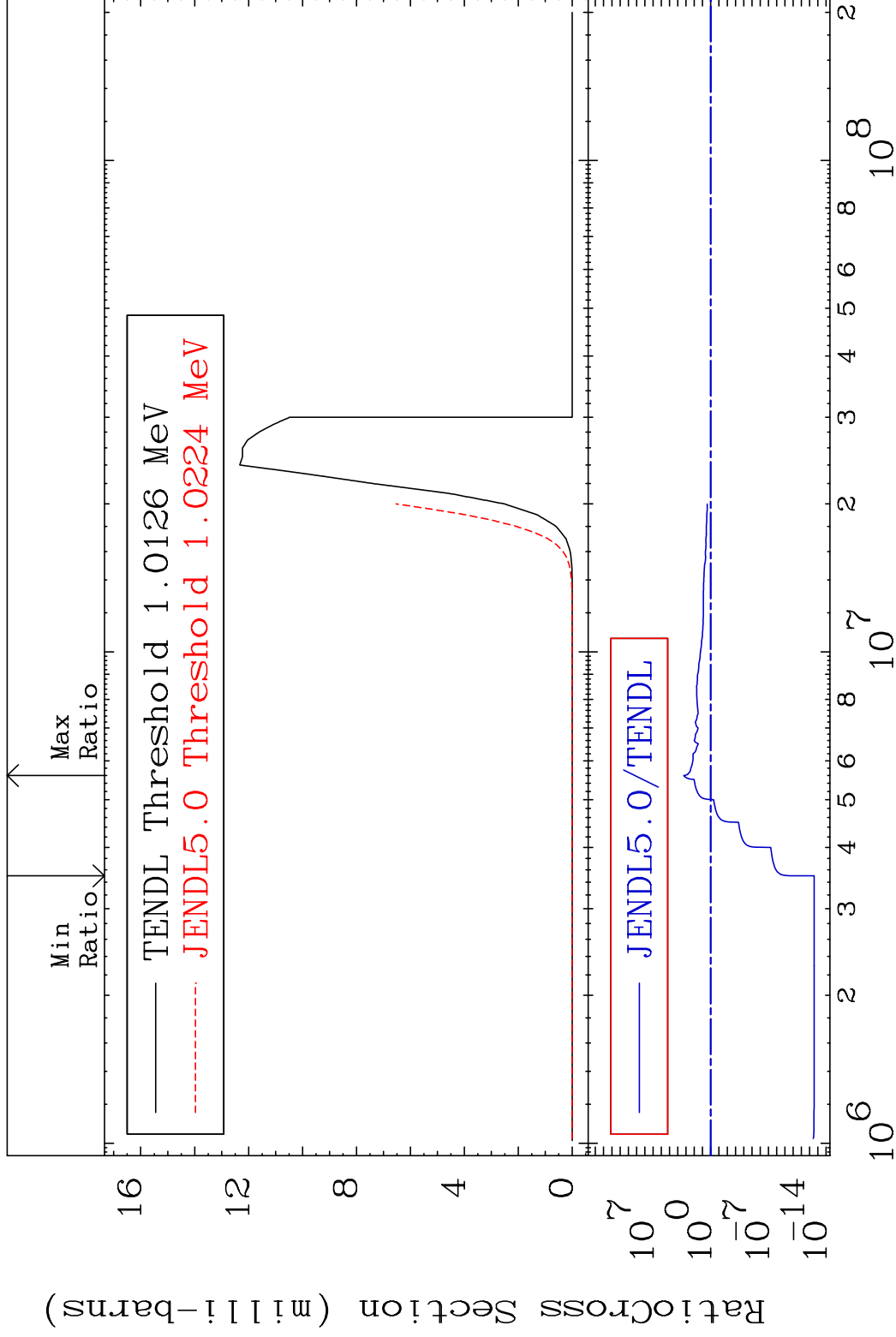
64-Gd-160

MAT 6449

(n, n') α

64-Gd-160

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

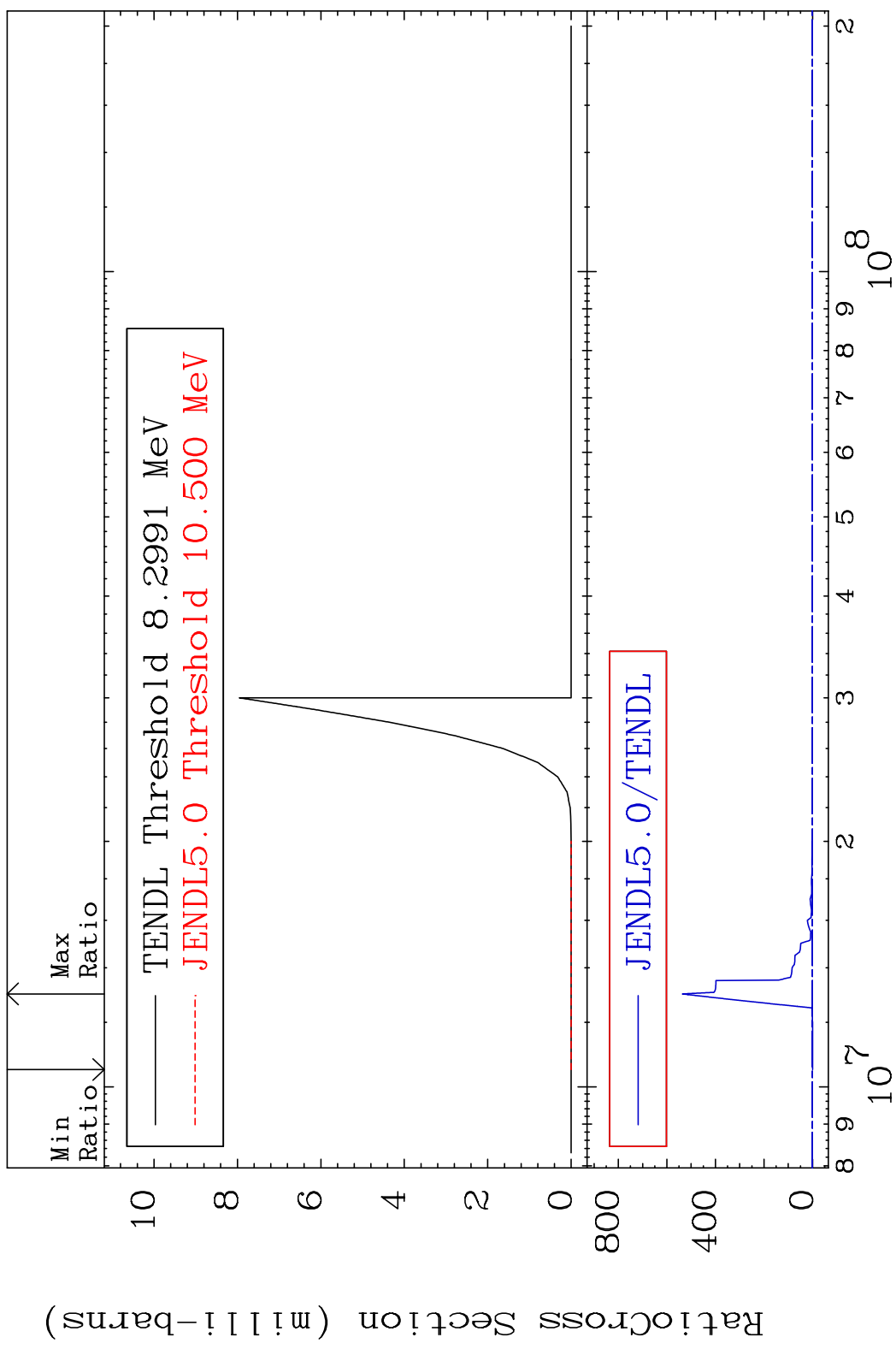
64-Gd-160

MAT 6449

(n,2n) α

64-Gd-160

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

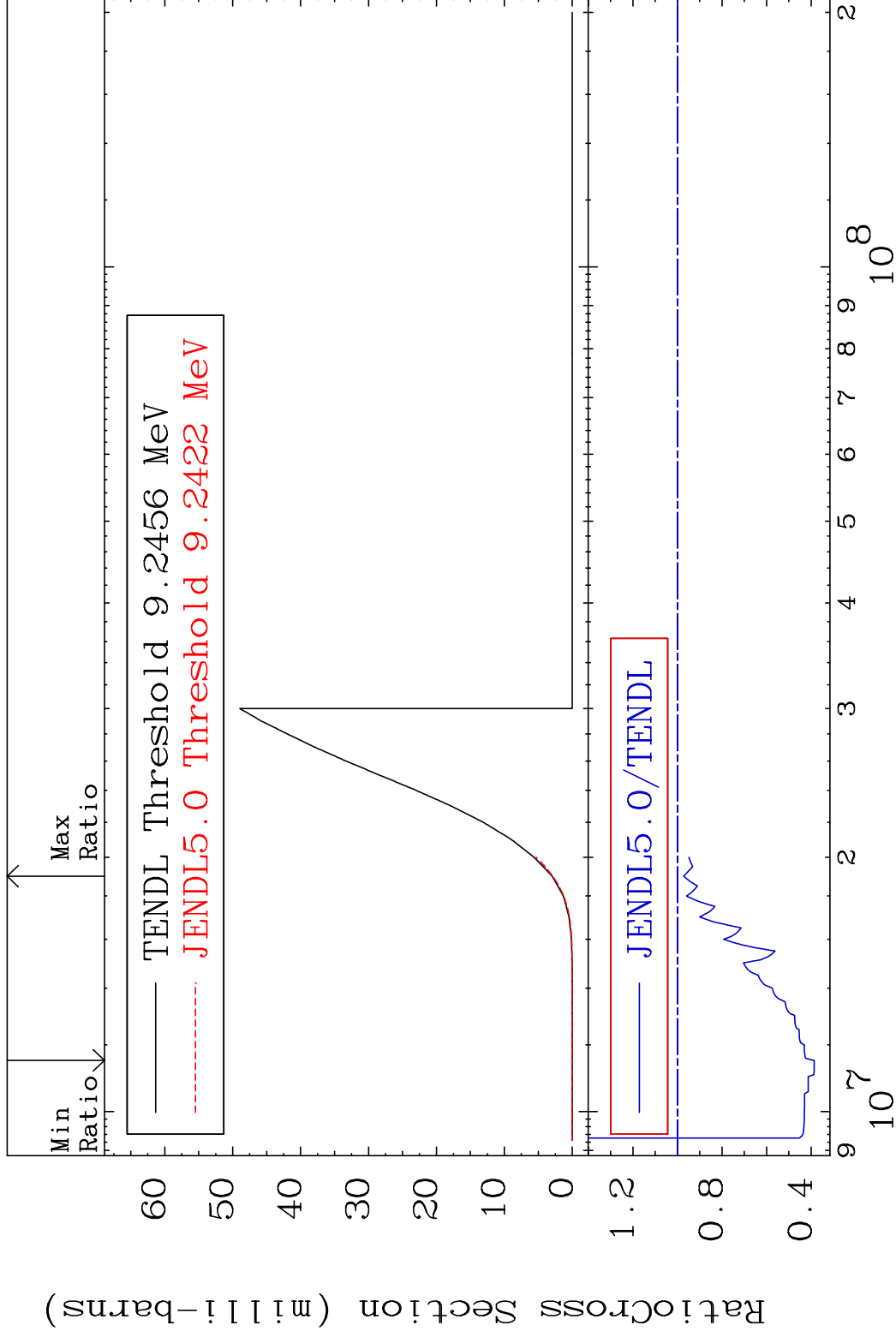
64-Gd-160

MAT 6449

(n, n') p

64-Gd-160

Cross Section -61.34 To -2.782%



8

Incident Energy (eV)

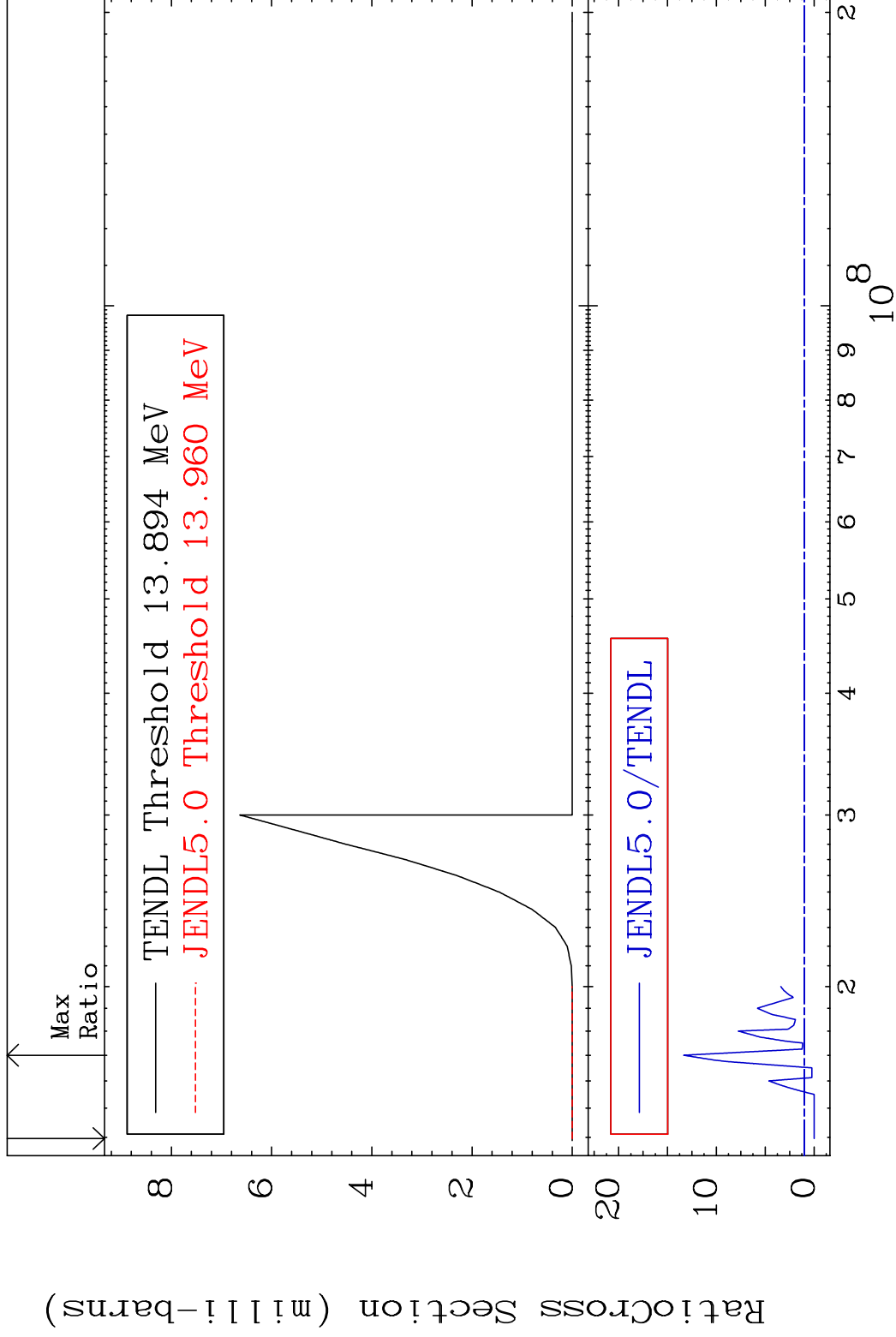
64-Gd-160

MAT 6449

(n, n') d

64-Gd-160

Cross Section -100.0 To 1234. %



9

Incident Energy (eV)

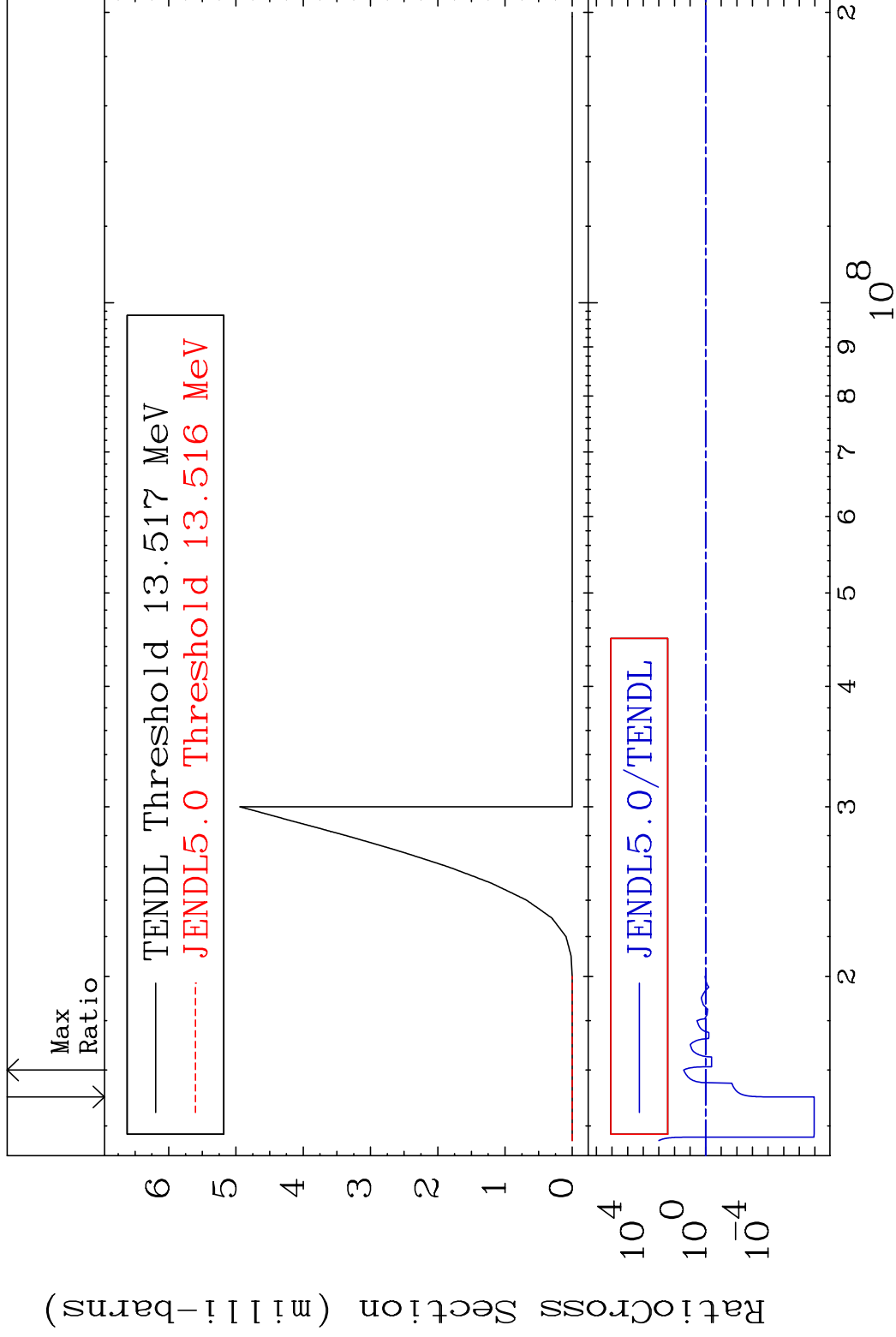
64-Gd-160

MAT 6449

(n, n') t

64-Gd-160

Cross Section -100.0 To 2475. %

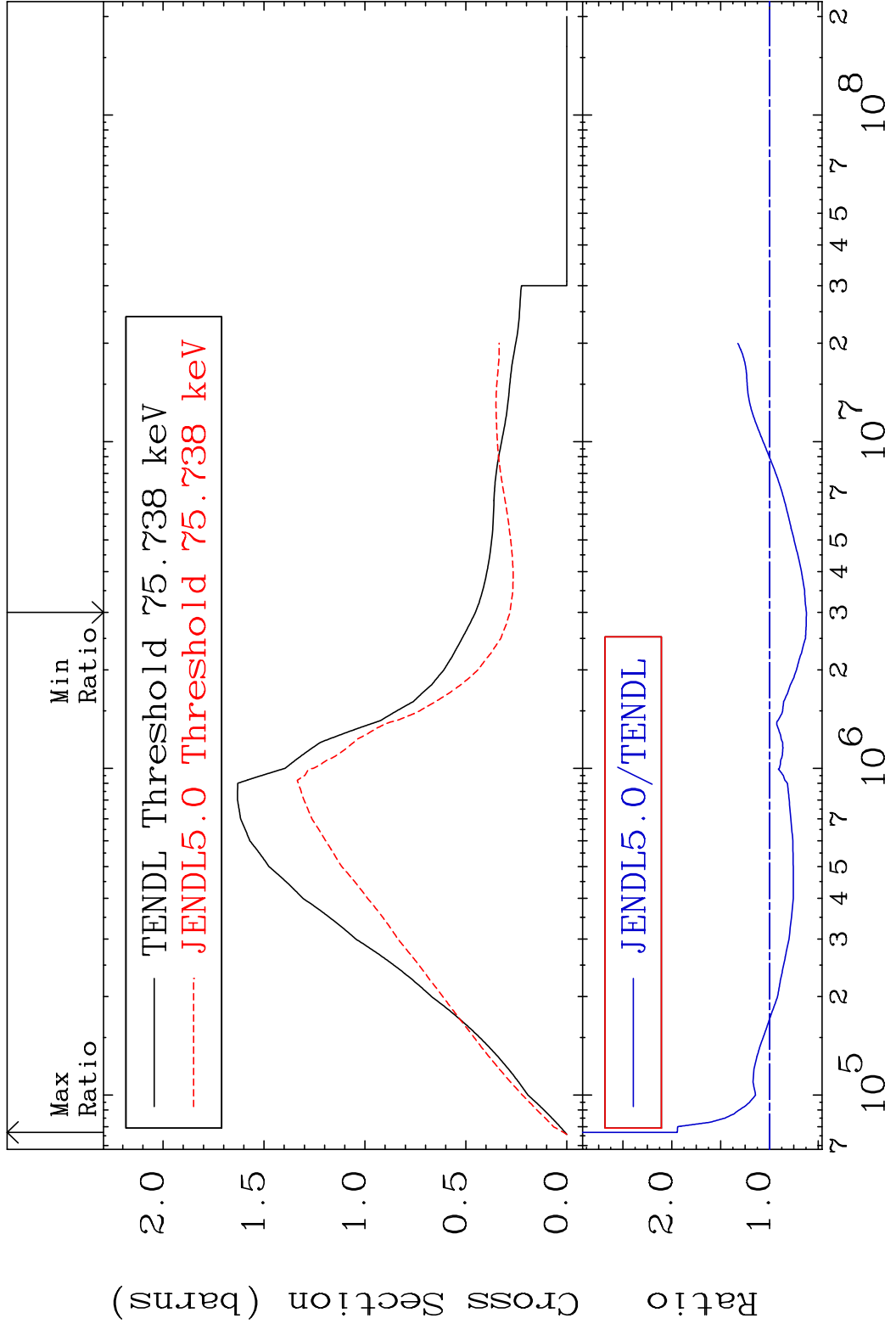


10

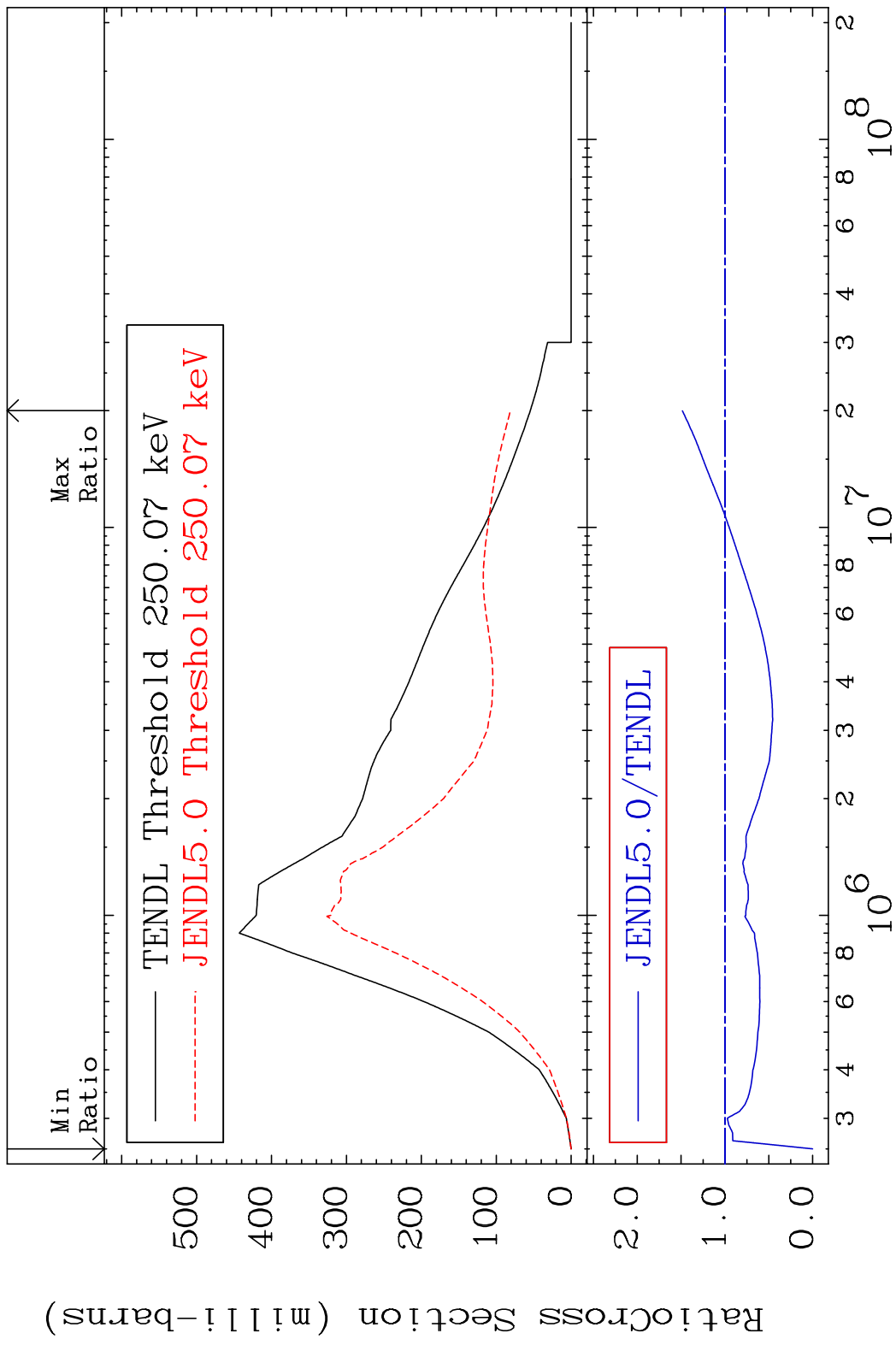
Incident Energy (eV)

64-Gd-160

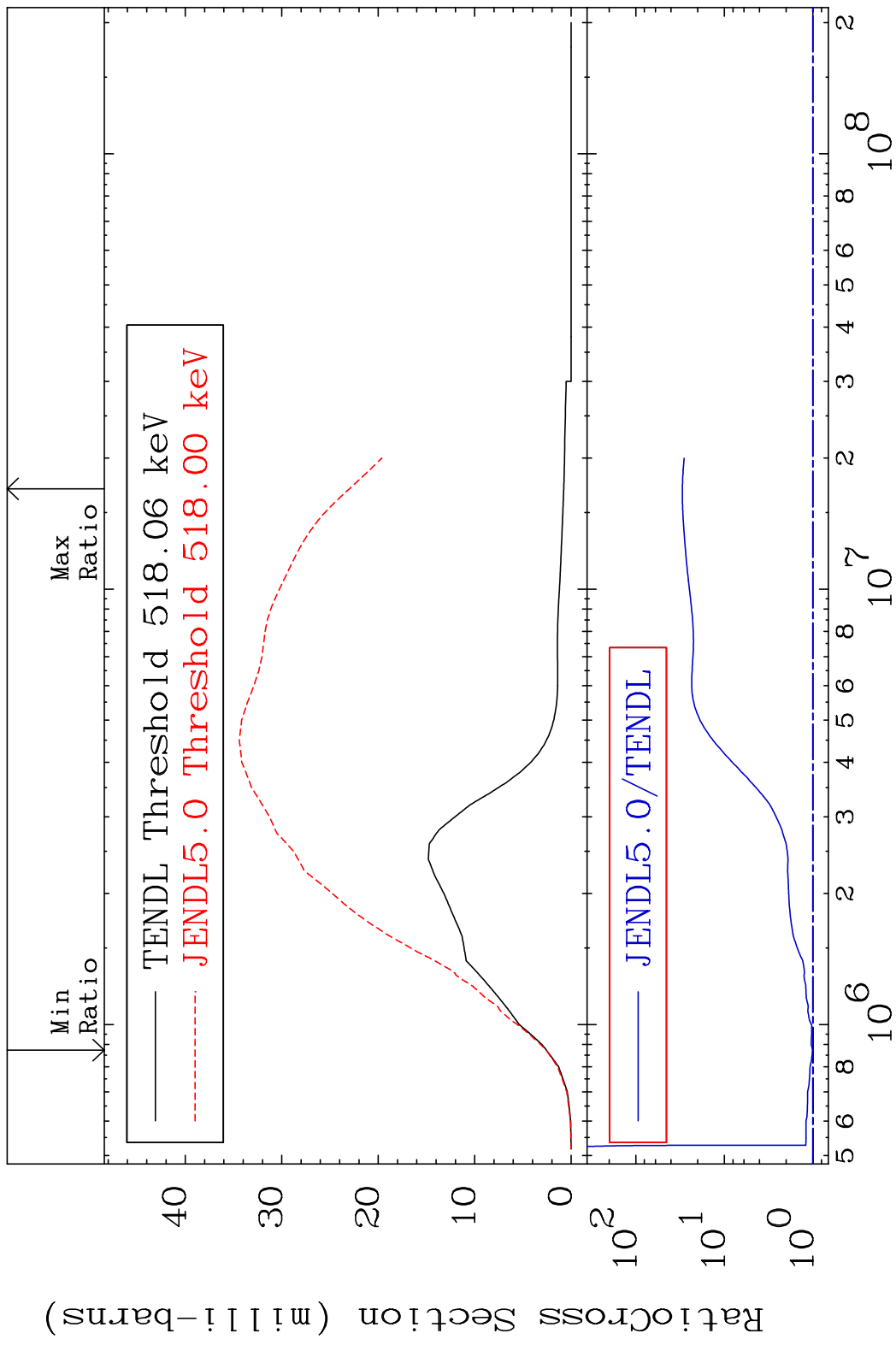
MAT 6449 MT= 51 (n, n') Level 64-Gd-160
 Cross Section -37.82 To 94.50 %



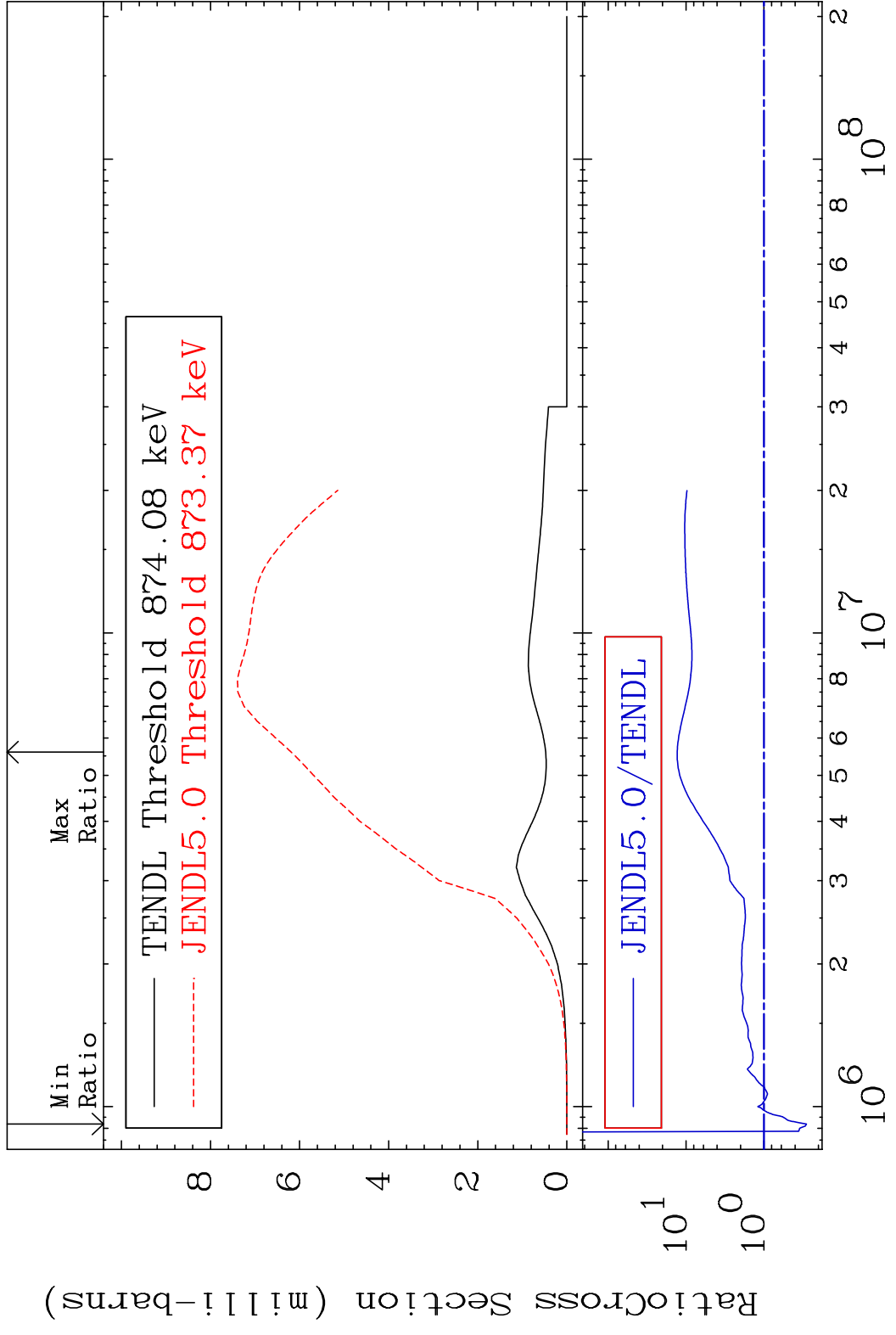
MAT 6449 MT= 52 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 48.61 %



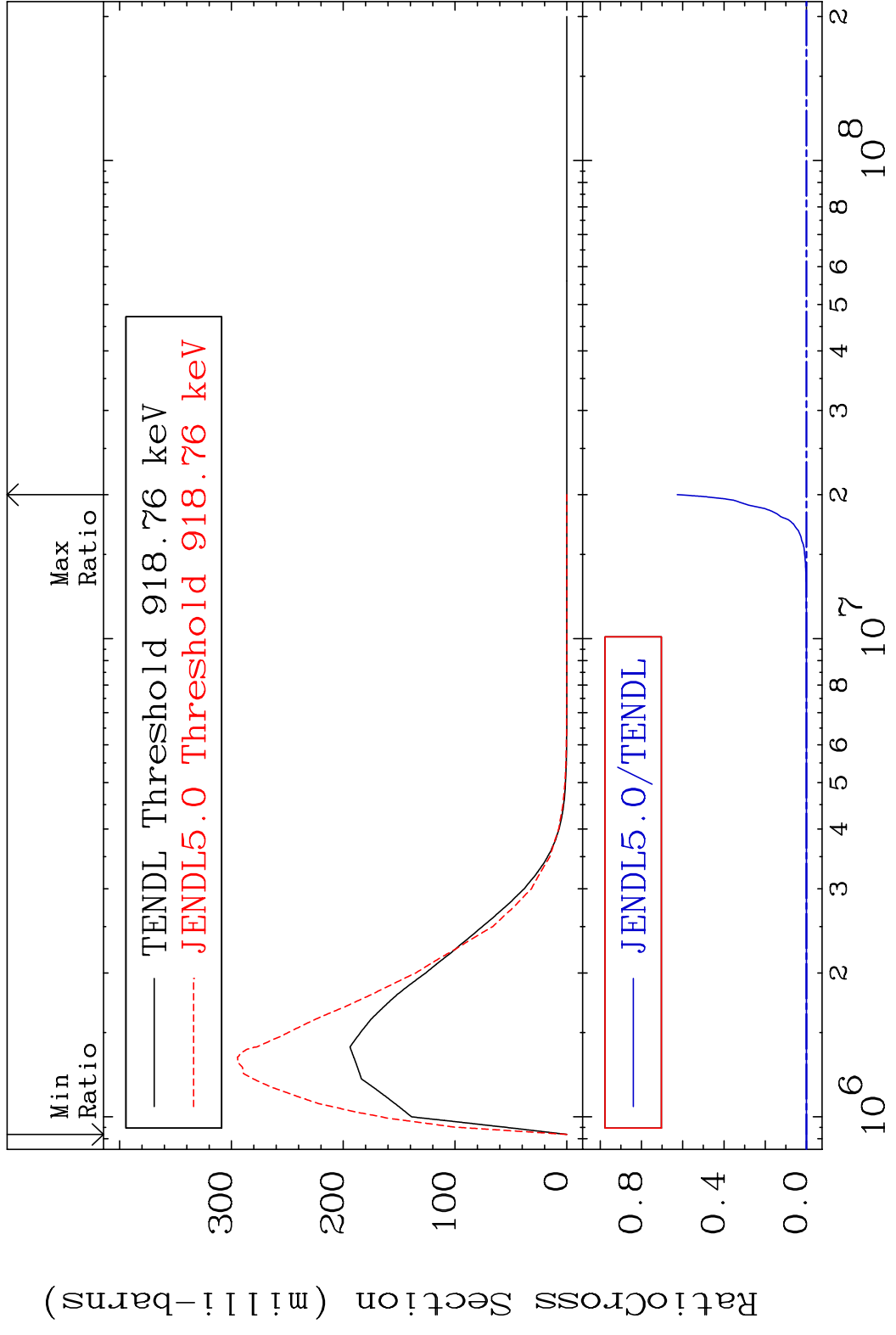
MAT 6449 MT= 53 (n, n') Level 64-Gd-160
 Cross Section 0.817 To 2881. %



MAT 6449 MT= 54 (n, n') Level 64-Gd-160
 Cross Section -71.42 To 1201. %

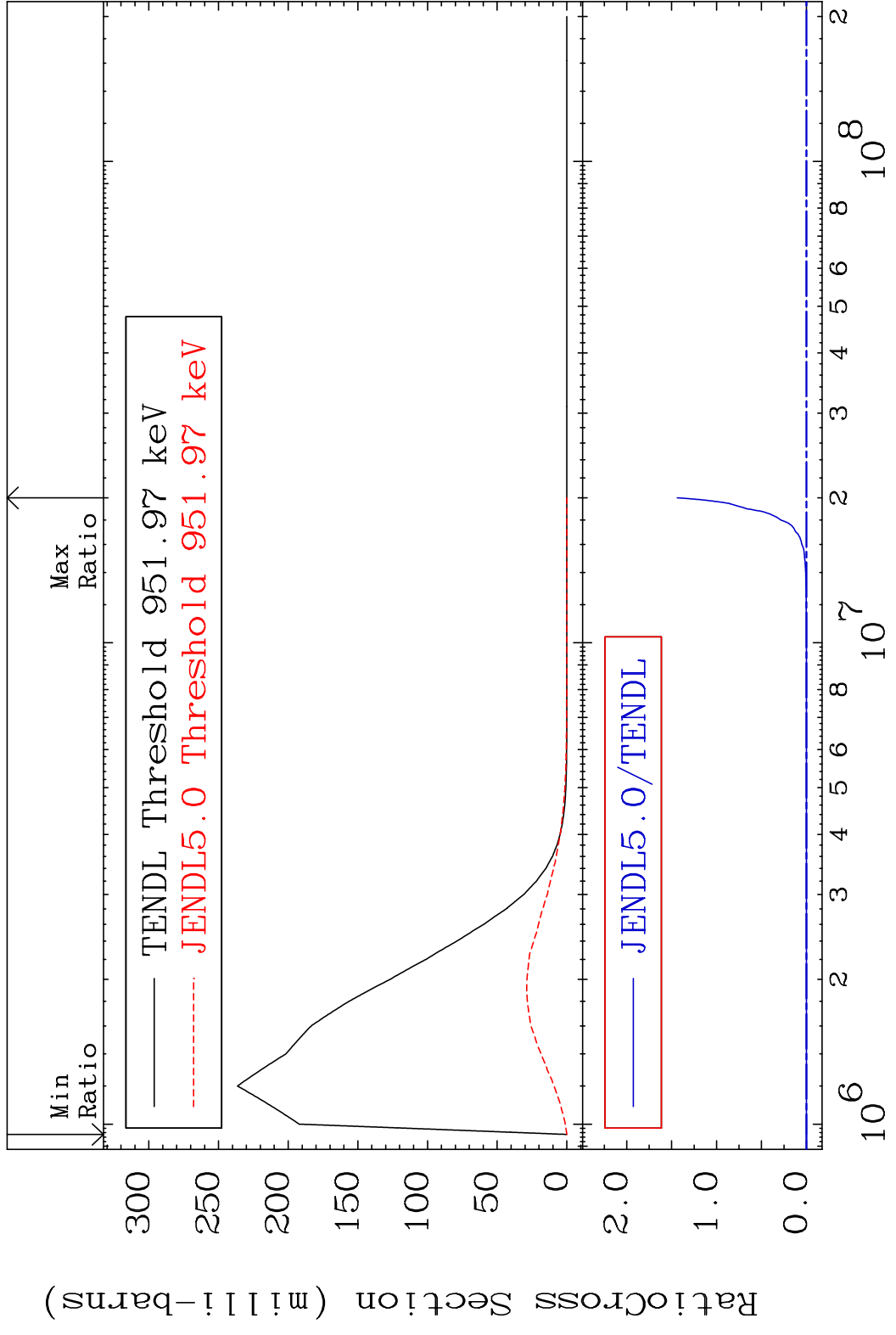


MAT 6449 MT= 55 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 9999. %



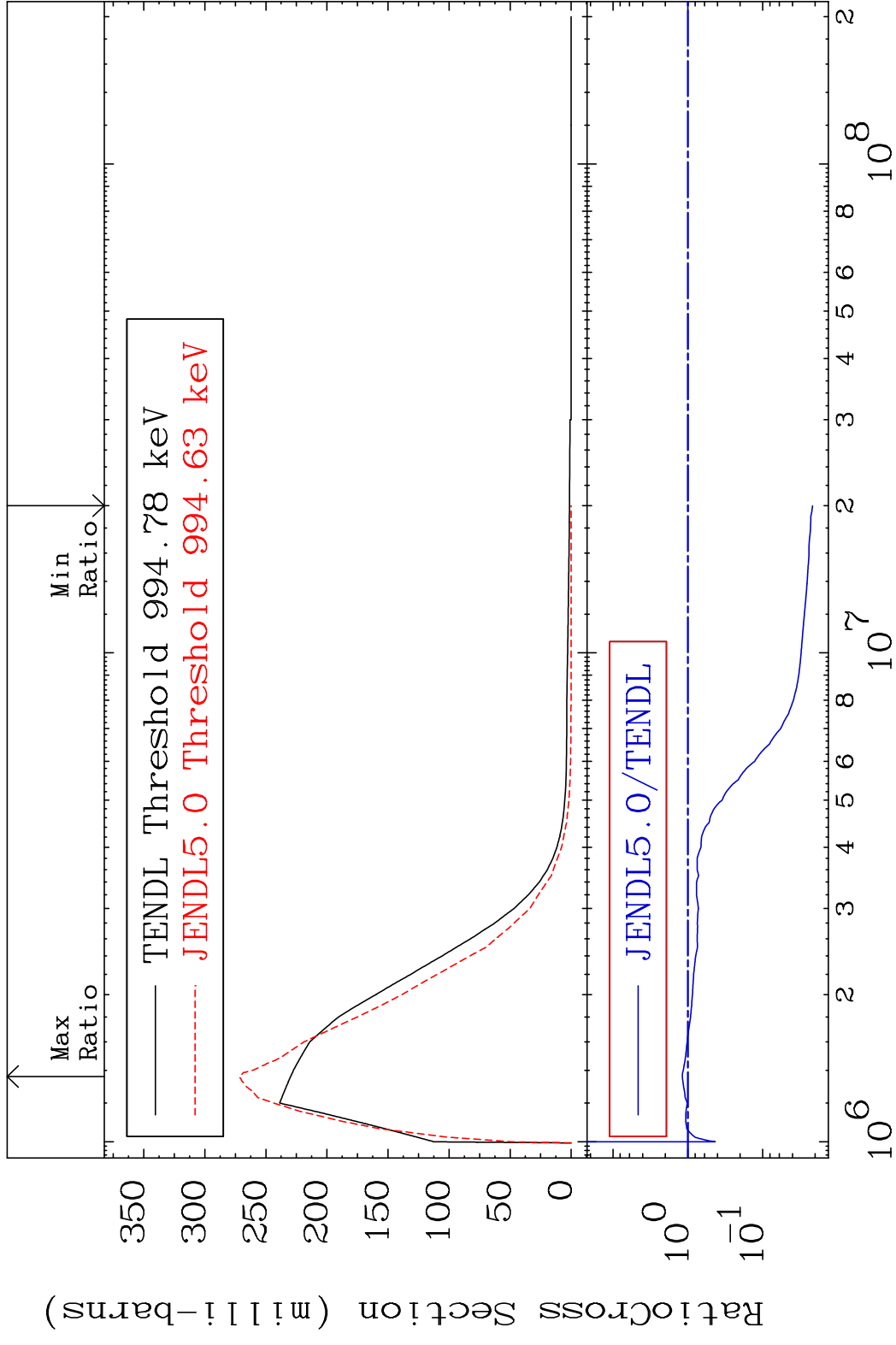
15 Incident Energy (eV) 64-Gd-160

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



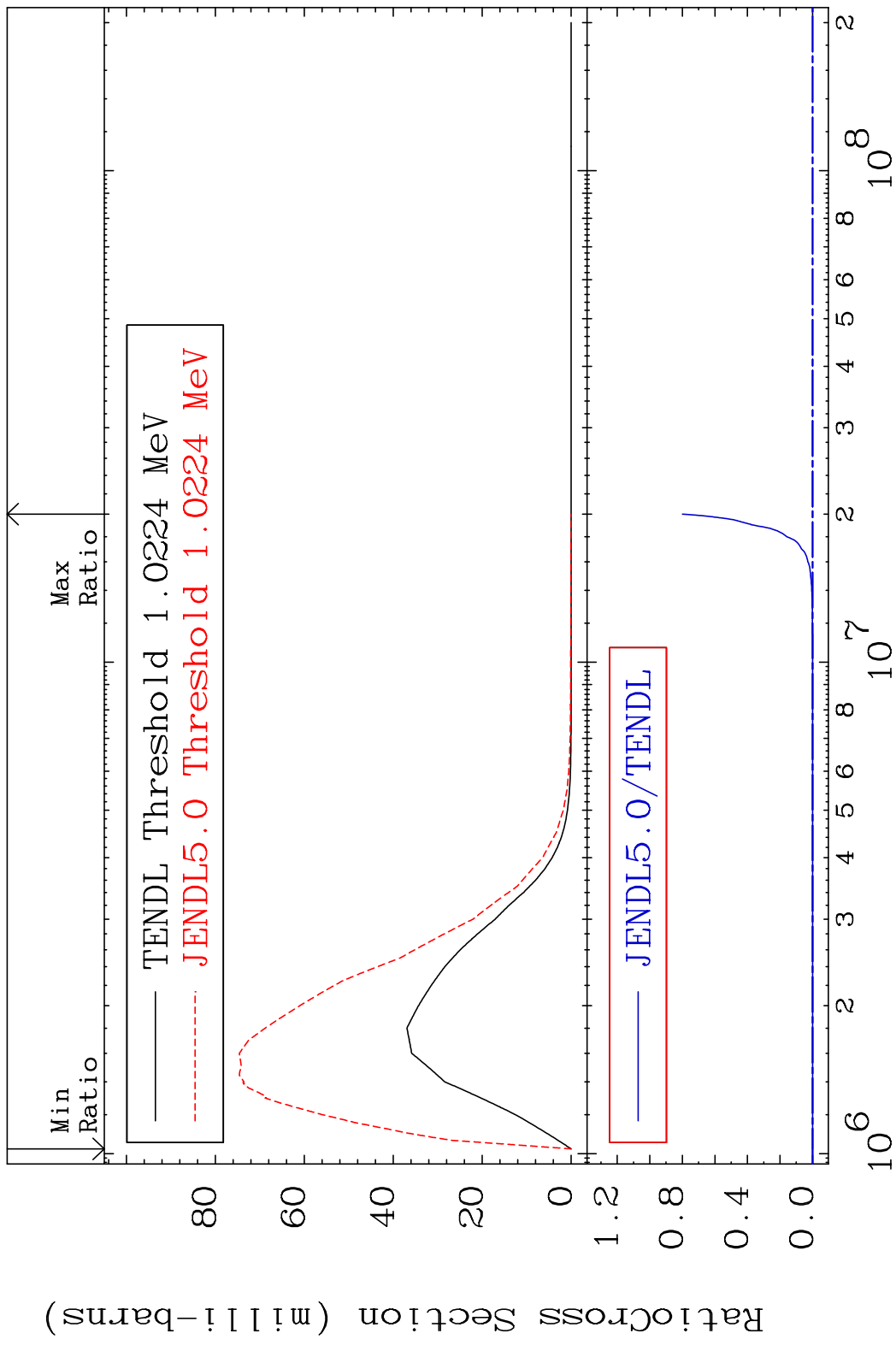
16 Incident Energy (eV) 64-Gd-160

MAT 6449 MT= 57 (n, n') Level 64-Gd-160
 Cross Section -97.84 To 18.29 %



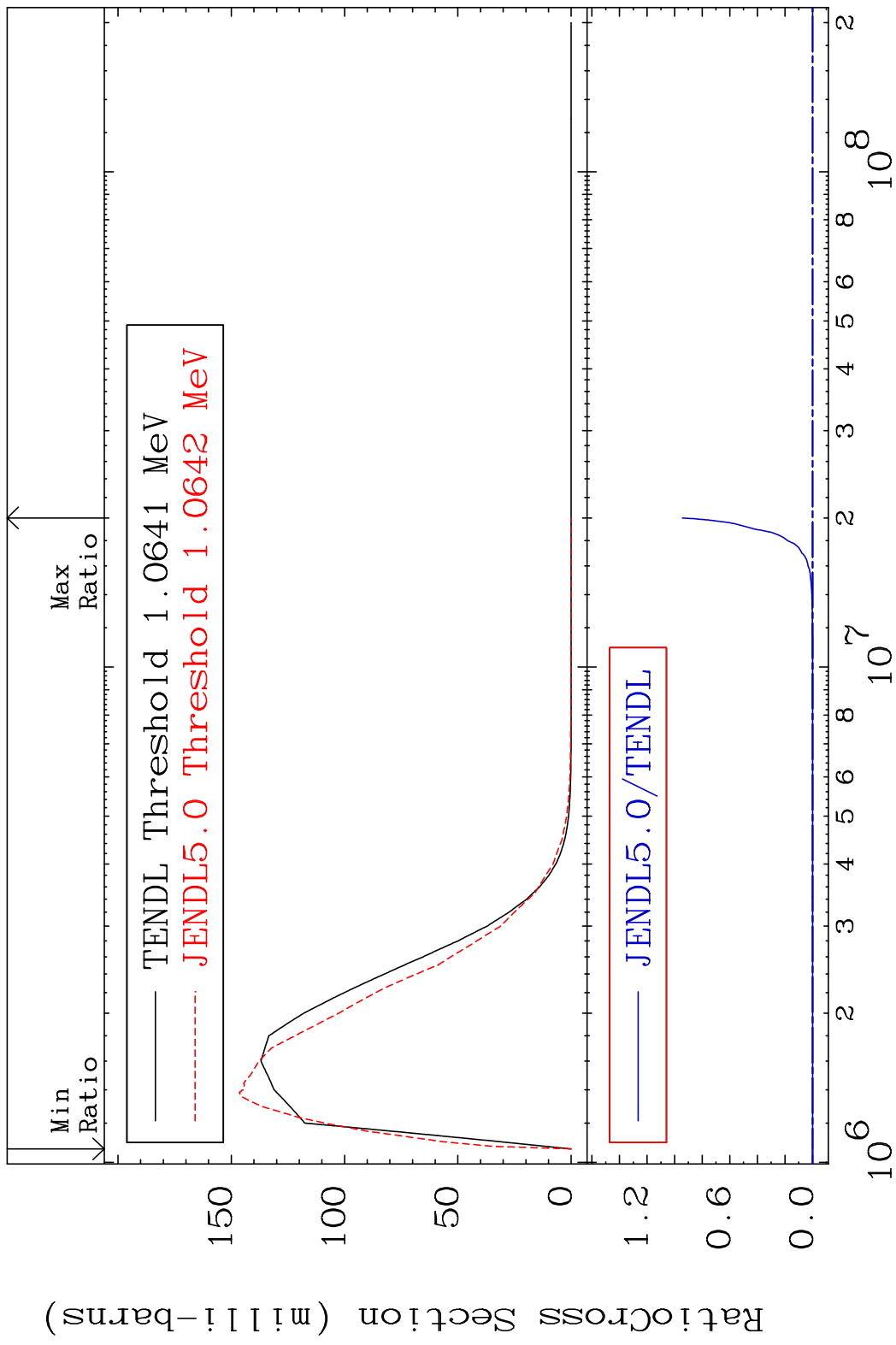
17 Incident Energy (eV) 64-Gd-160

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



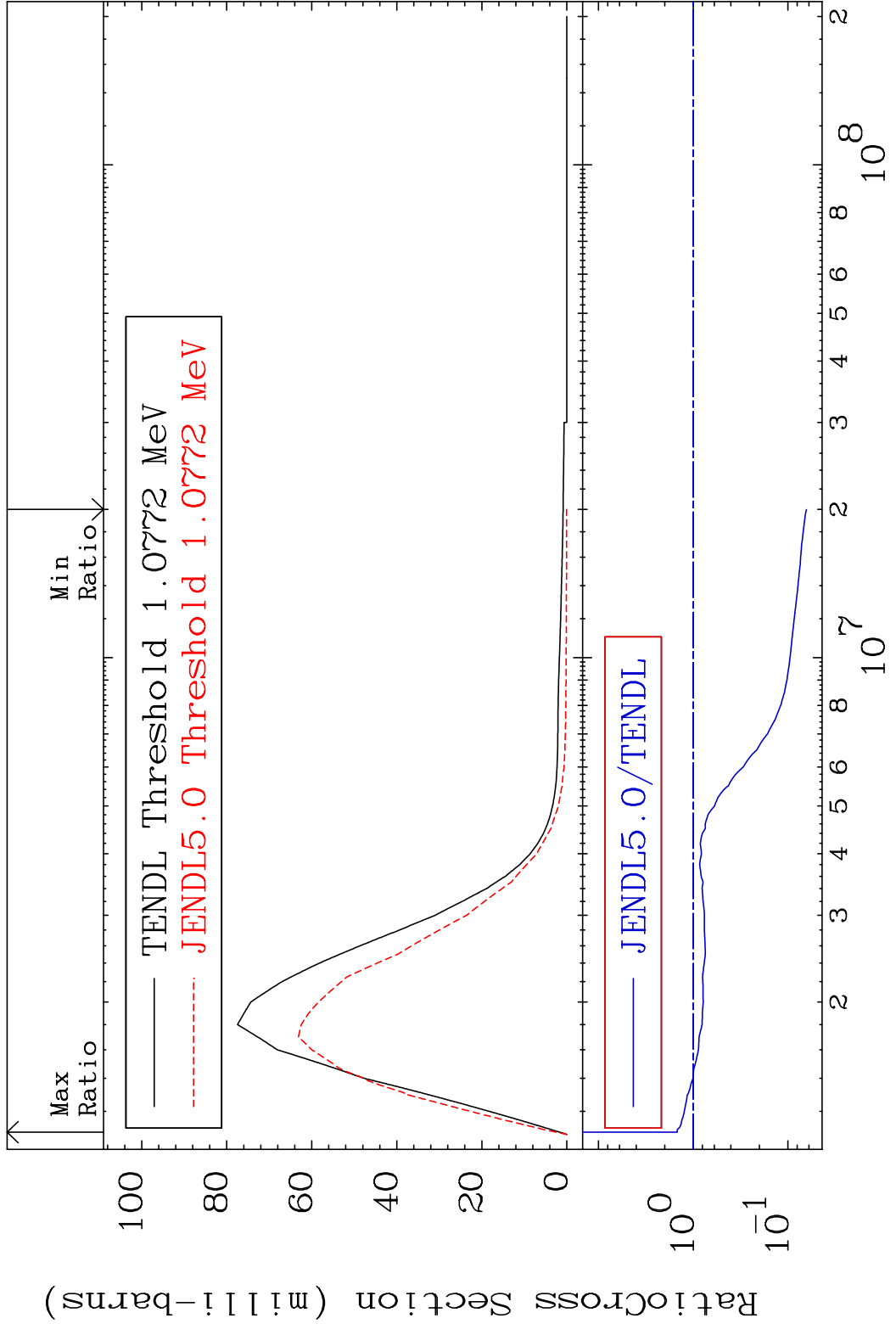
18 Incident Energy (eV) 64-Gd-160

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

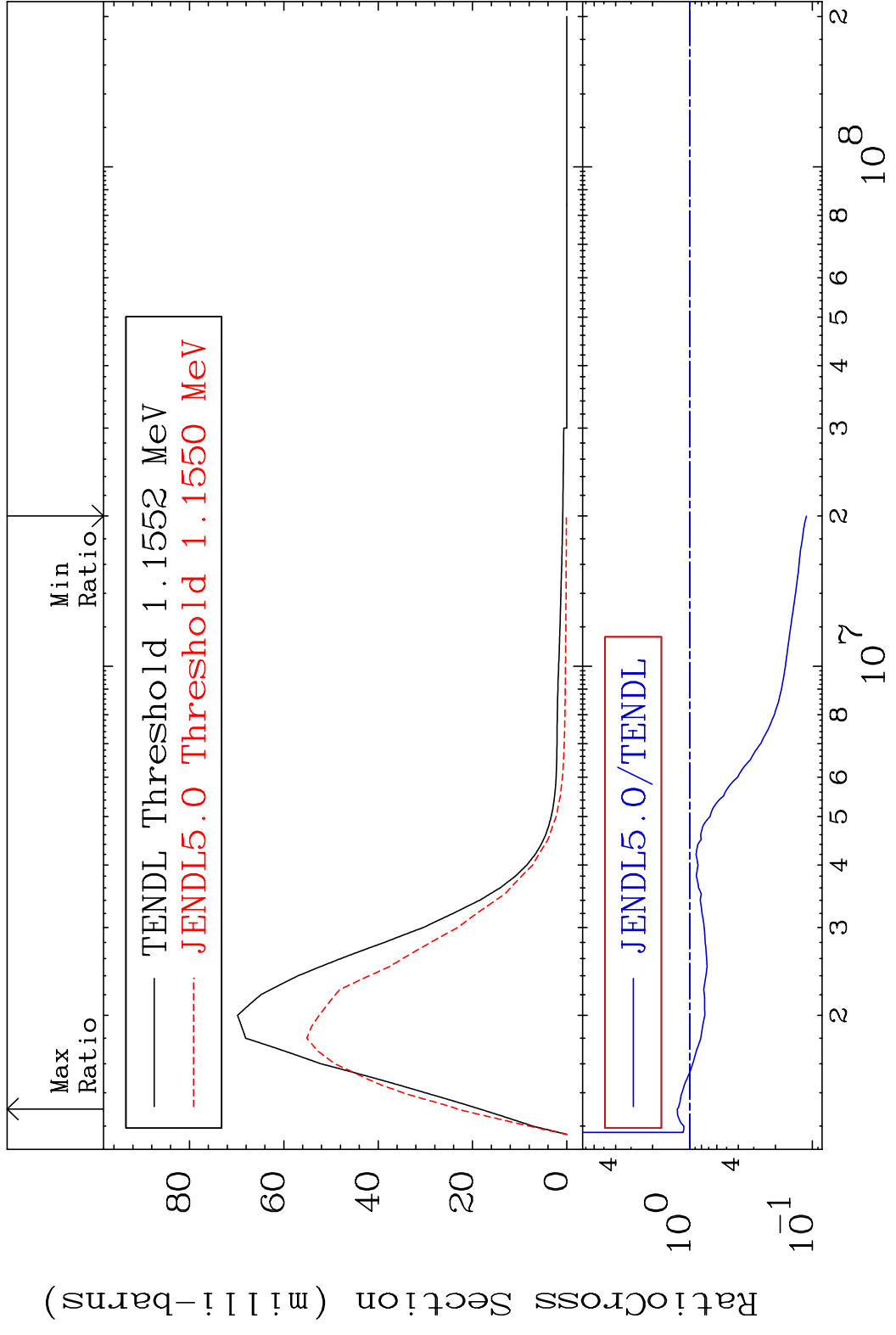


19 Incident Energy (eV) 64-Gd-160

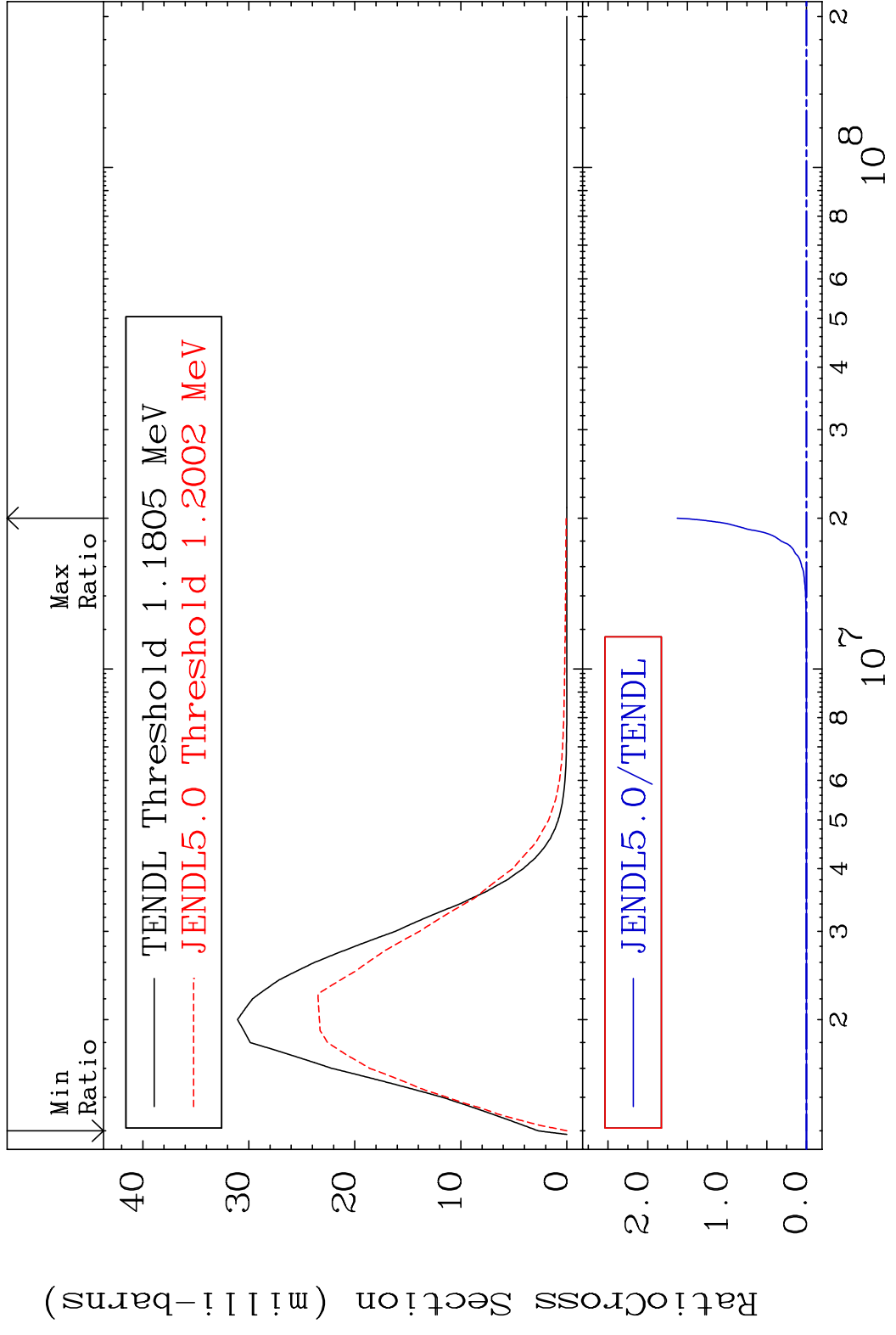
MAT 6449 MT= 60 (n, n') Level 64-Gd-160
 Cross Section -93.61 To 47.78 %



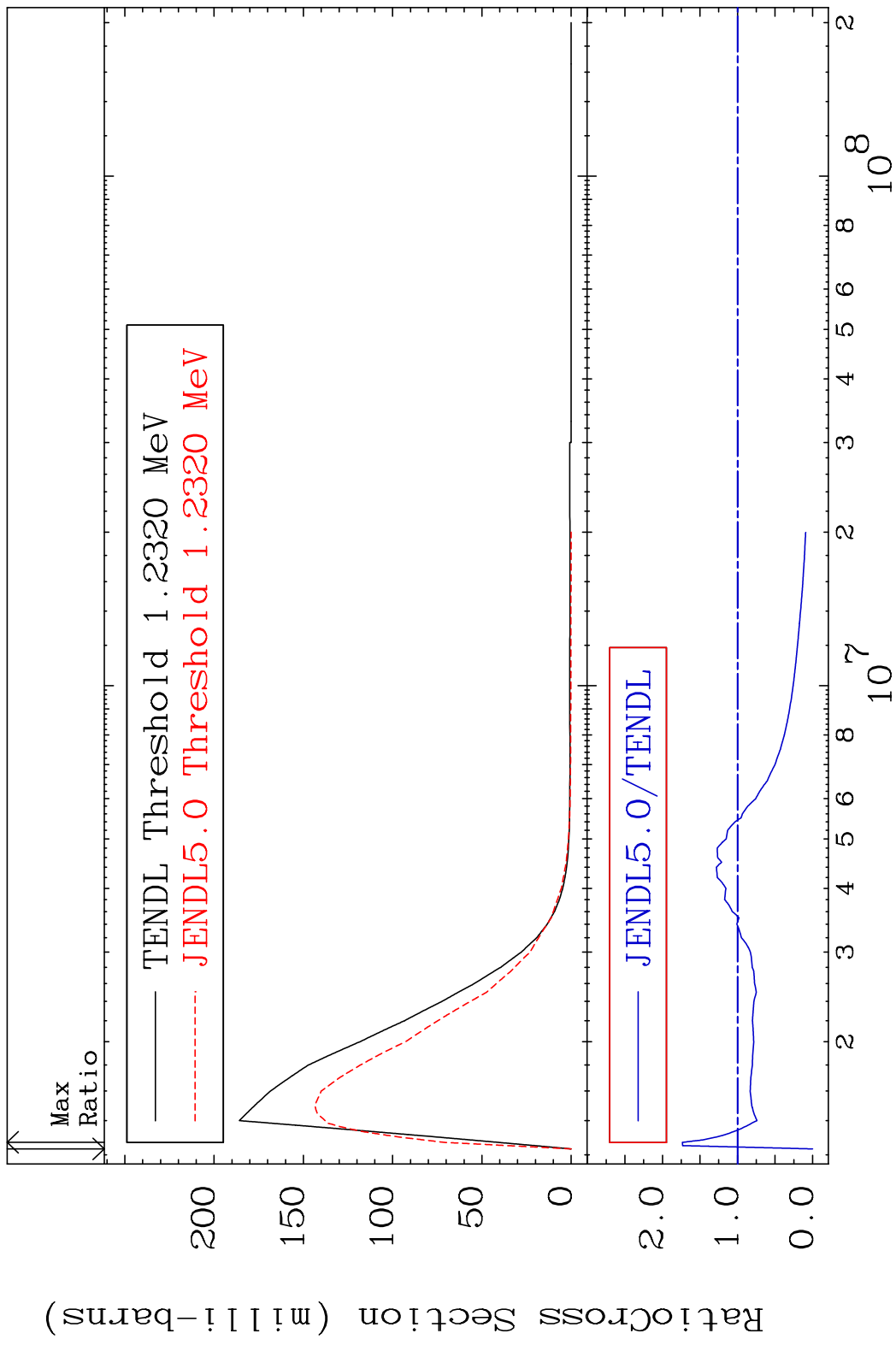
MAT 6449 MT= 61 (n, n') Level 64-Gd-160
 Cross Section -88.83 To 26.21 %



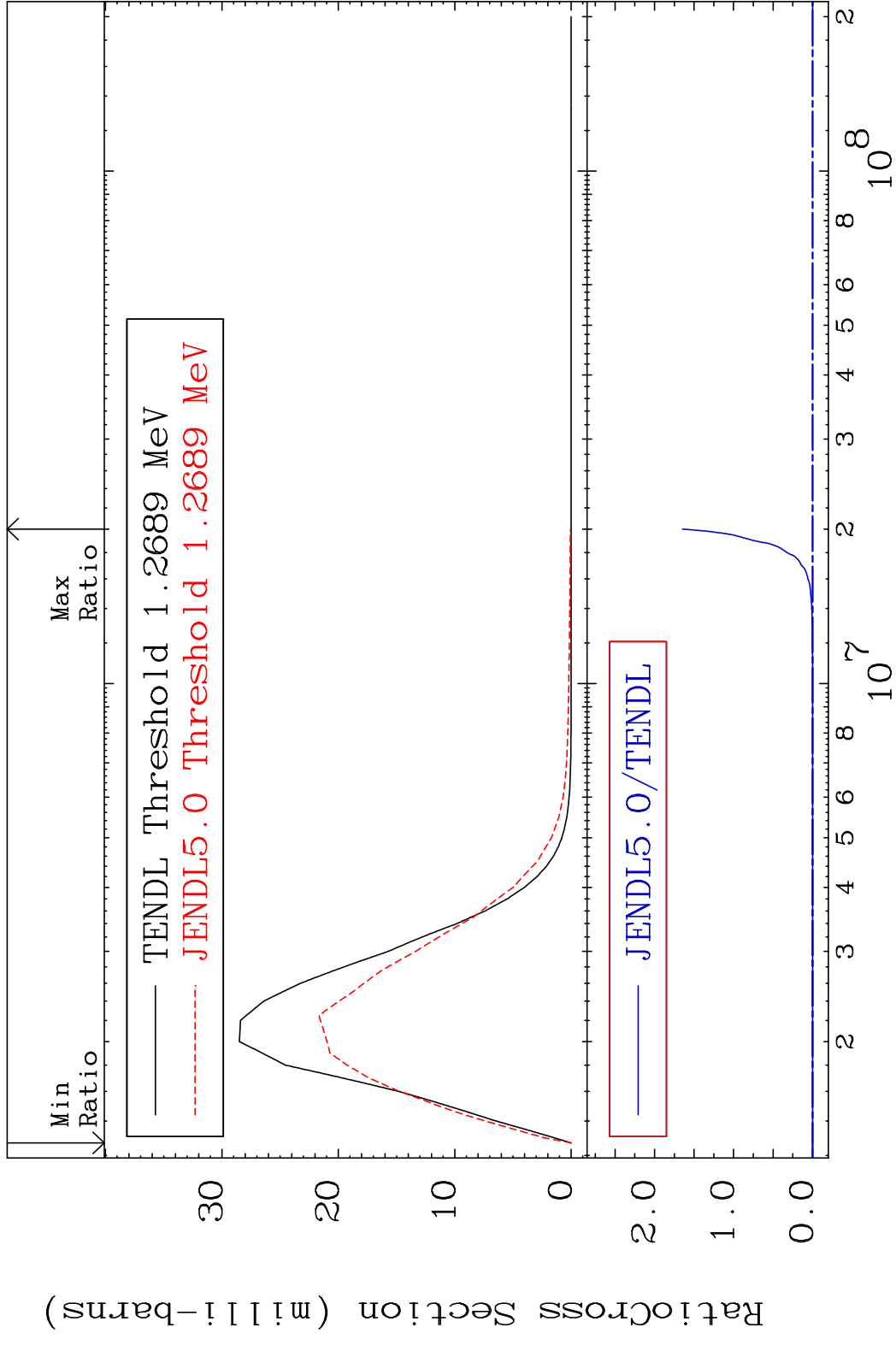
MAT 6449 MT= 62 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 9999. %



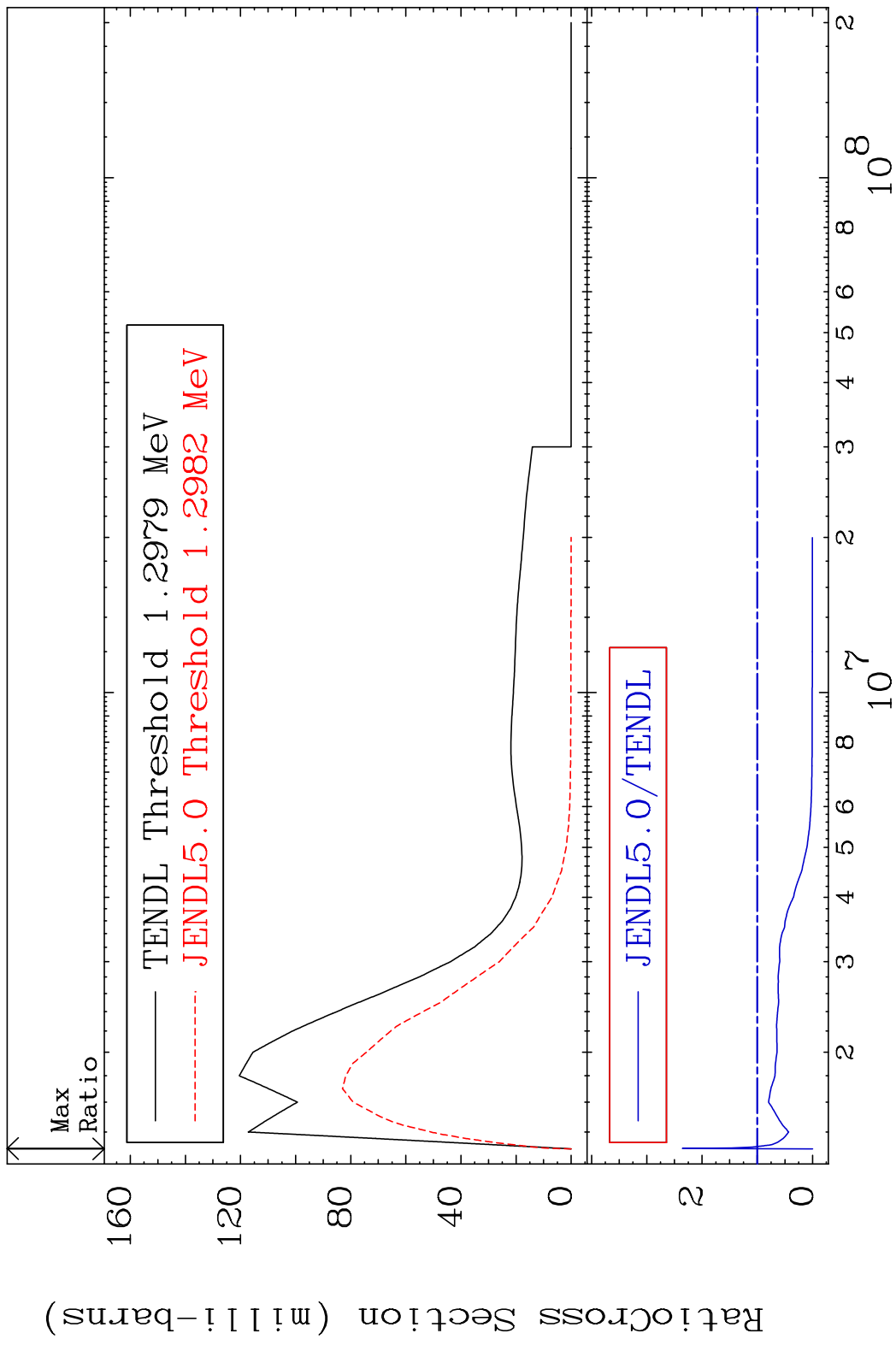
MAT 6449 MT= 63 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 73.49 %



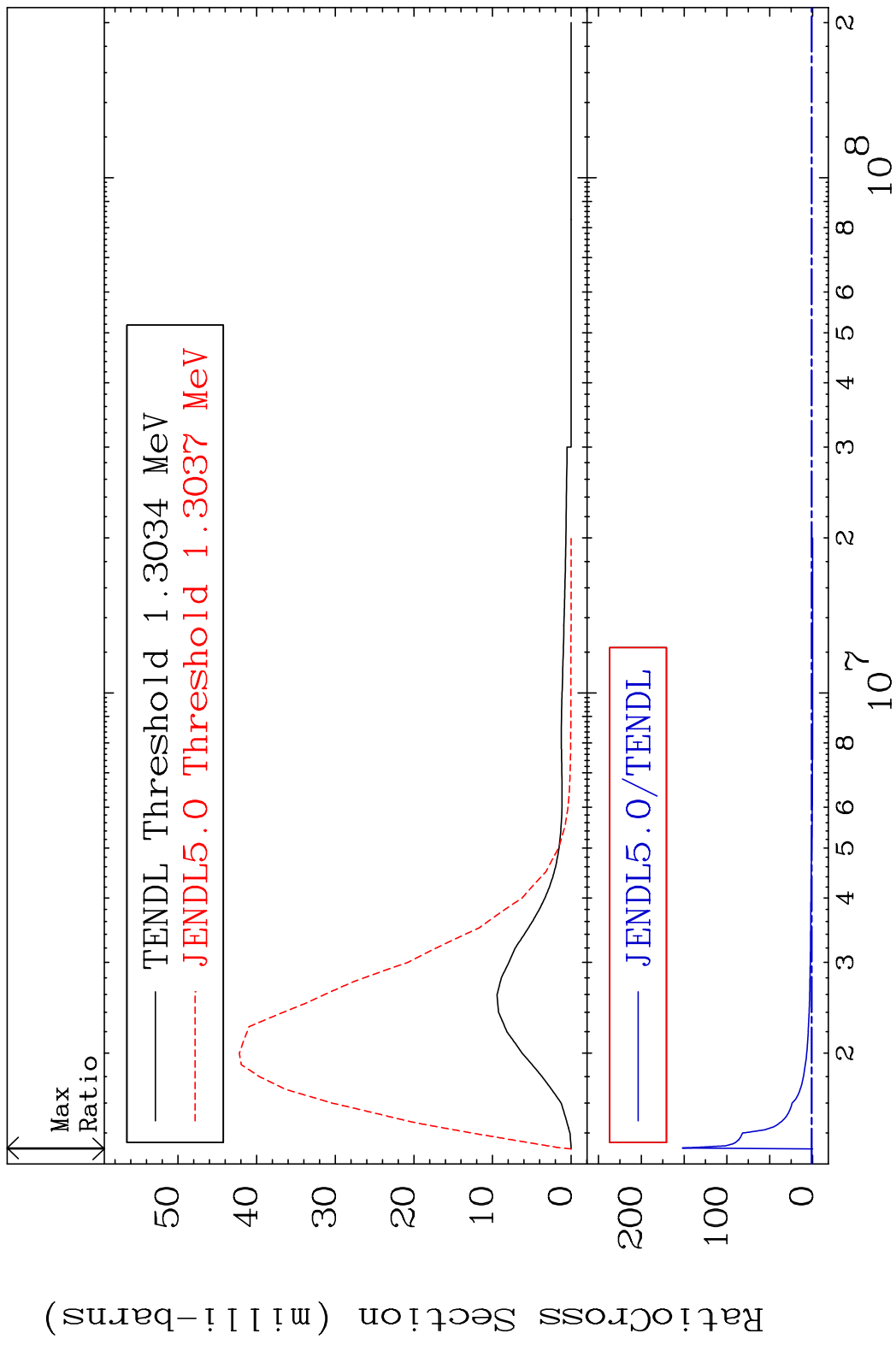
MAT 6449 MT= 64 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 9999. %



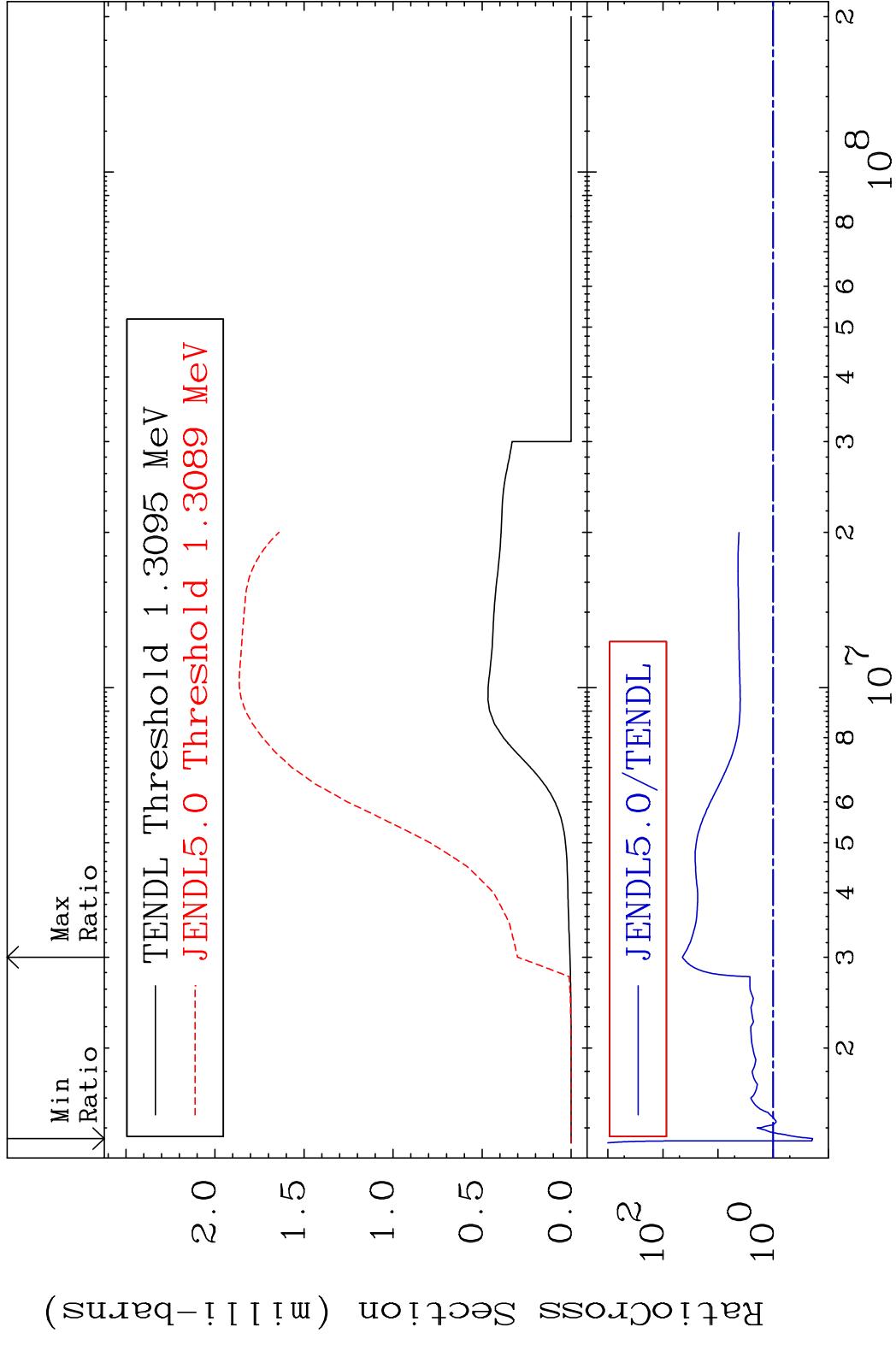
MAT 6449 MT= 65 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 135.6 %



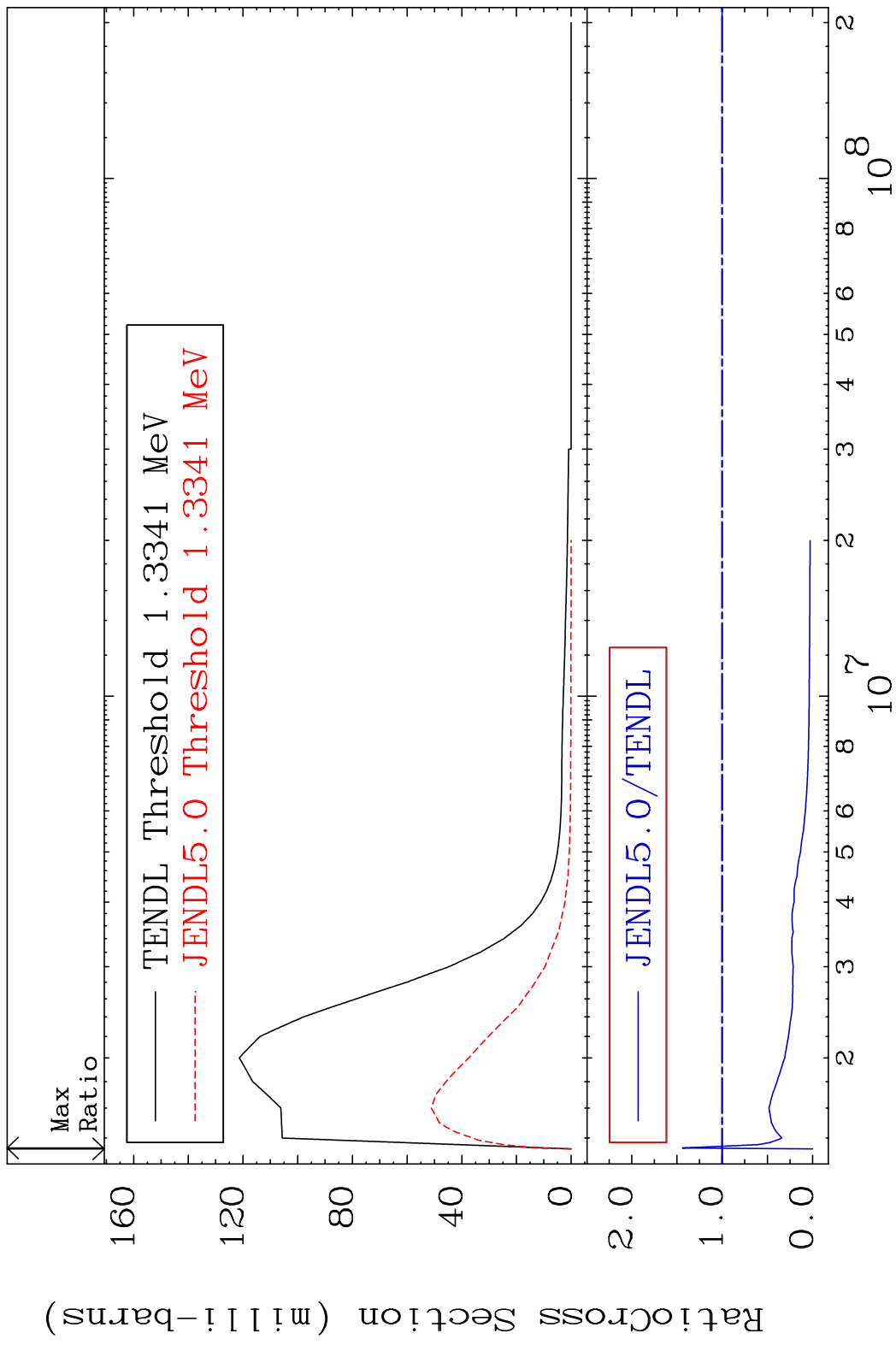
MAT 6449 MT= 66 (n,n') Level 64-Gd-160
 Cross Section -100.0 To 9999. %



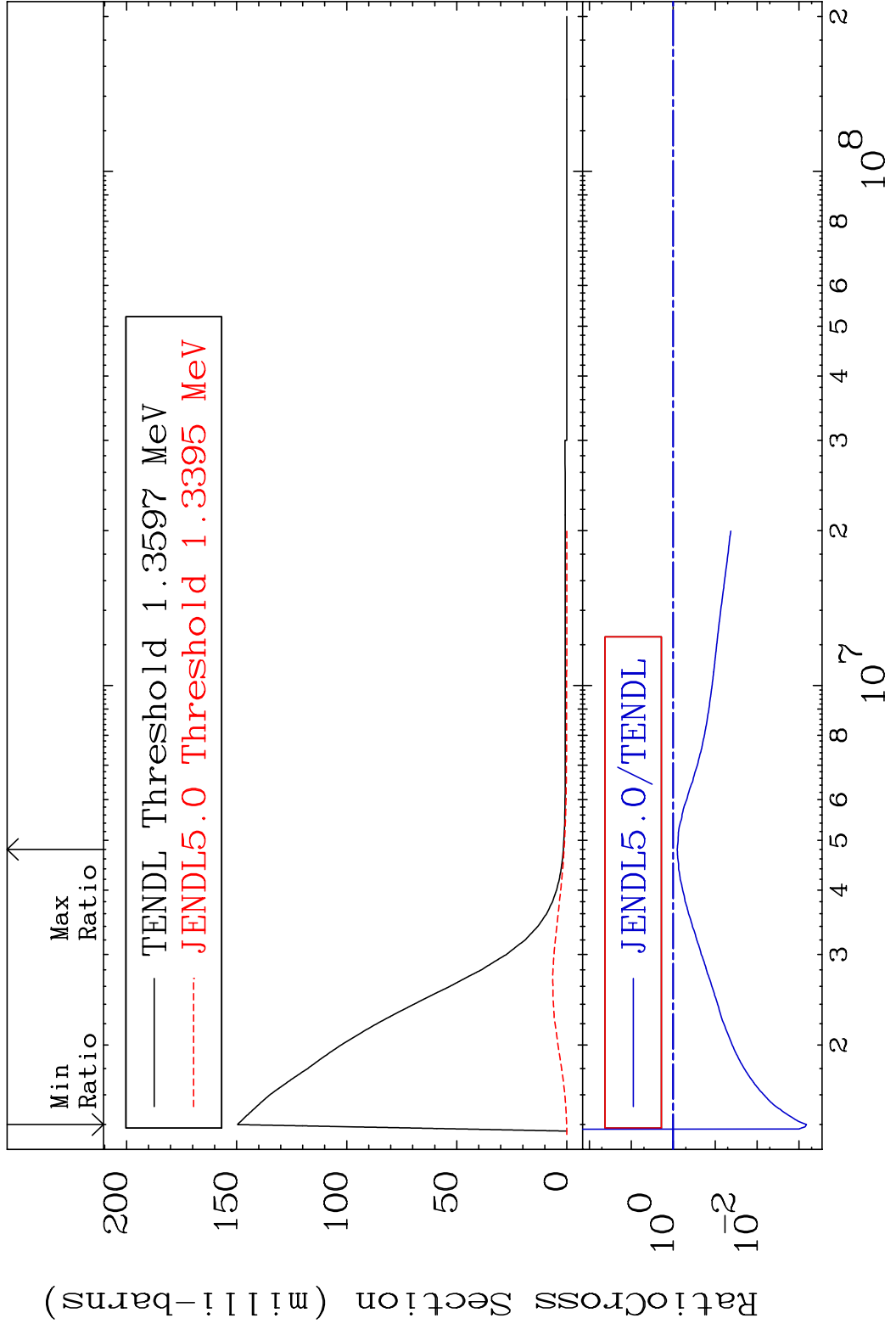
MAT 6449 MT= 67 (n, n') Level 64-Gd-160
 Cross Section -80.63 To 4339. %



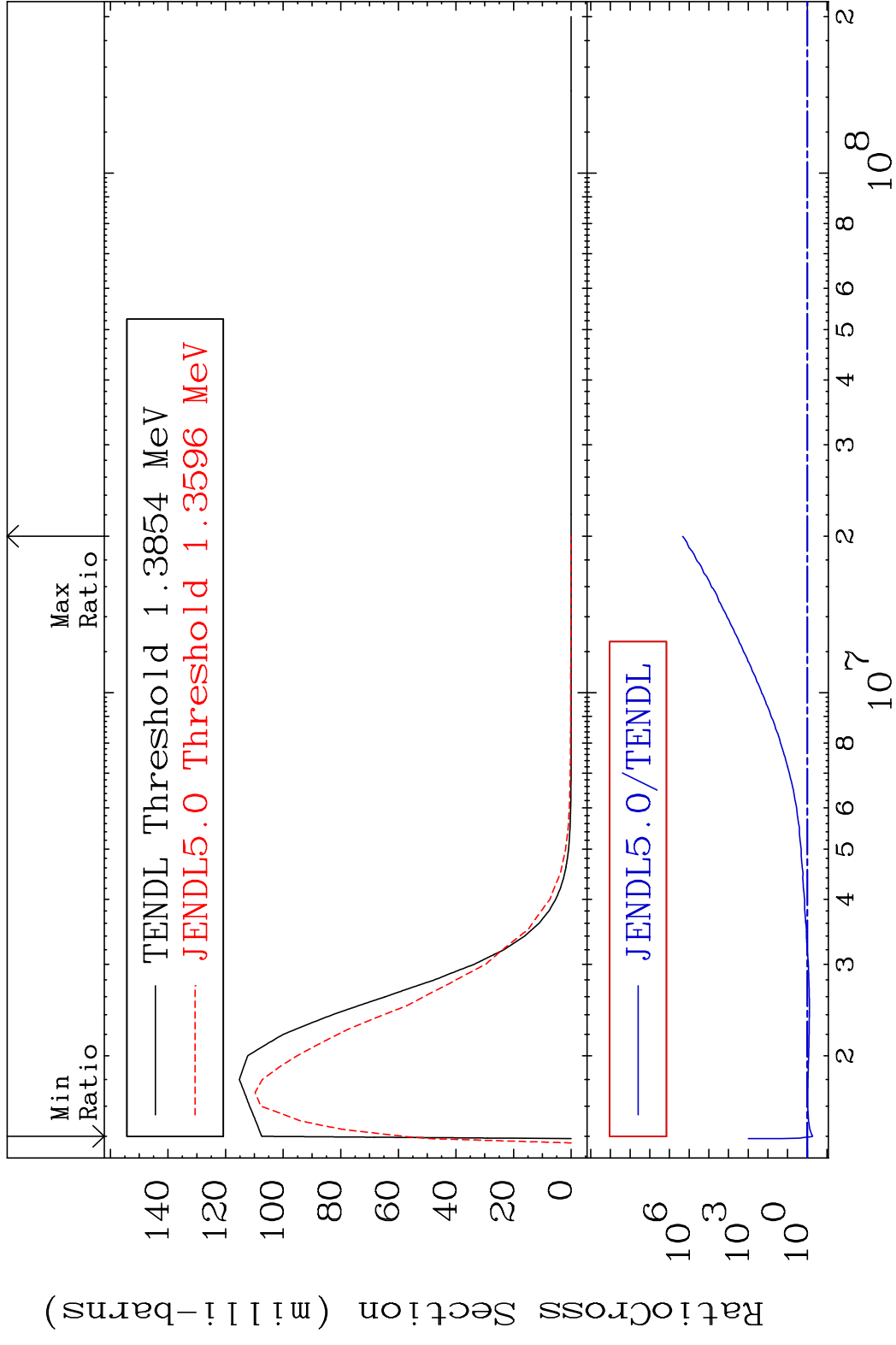
MAT 6449 MT= 68 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 43.99 %



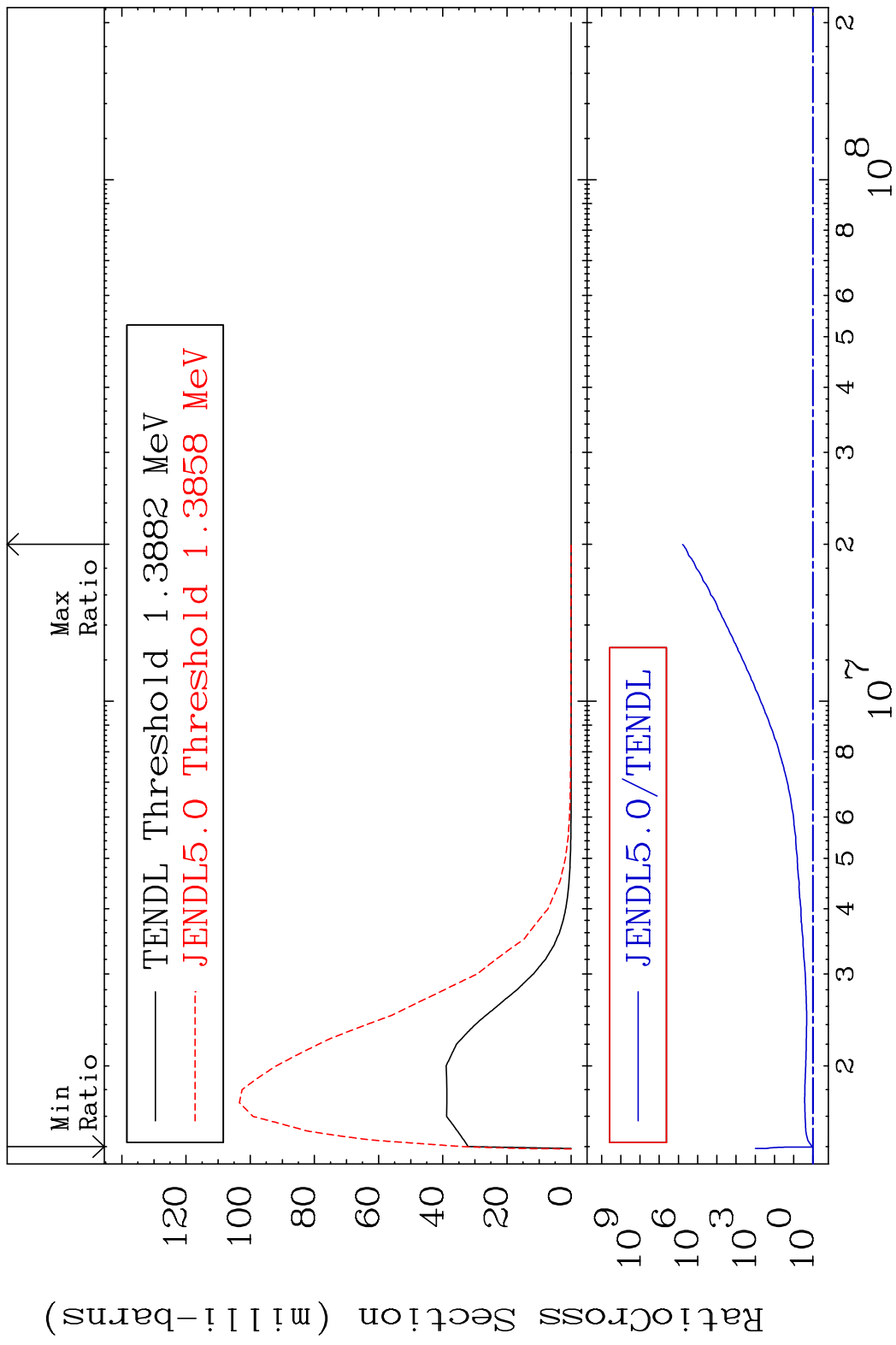
MAT 6449 MT= 69 (n,n') Level 64-Gd-160
 Cross Section -99.93 To -19.55%



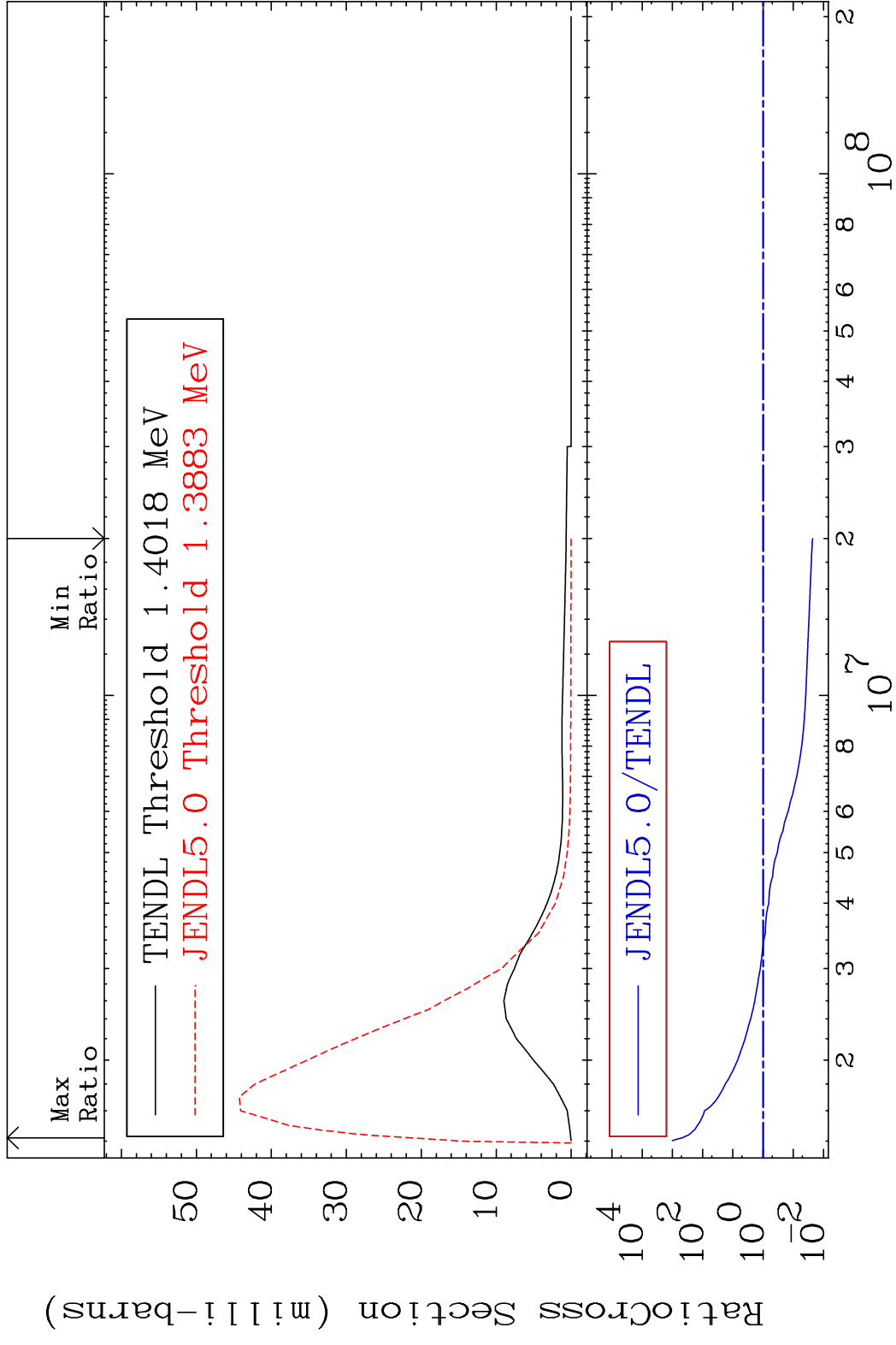
MAT 6449 MT= 70 (n, n') Level 64-Gd-160
 Cross Section -45.92 To 9999. %



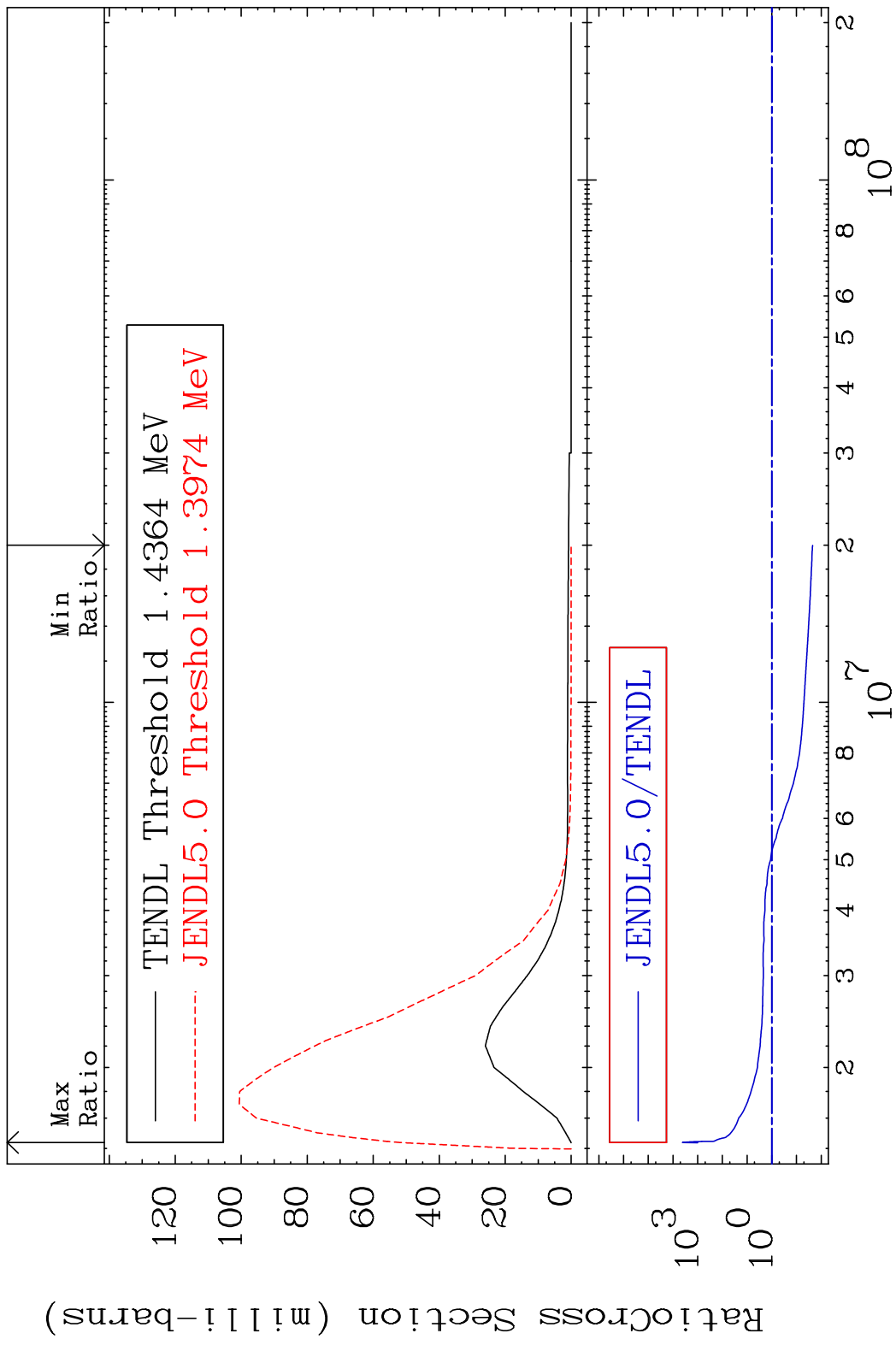
MAT 6449 MT= 71 (n, n') Level 64-Gd-160
 Cross Section 4.183 To 9999. %



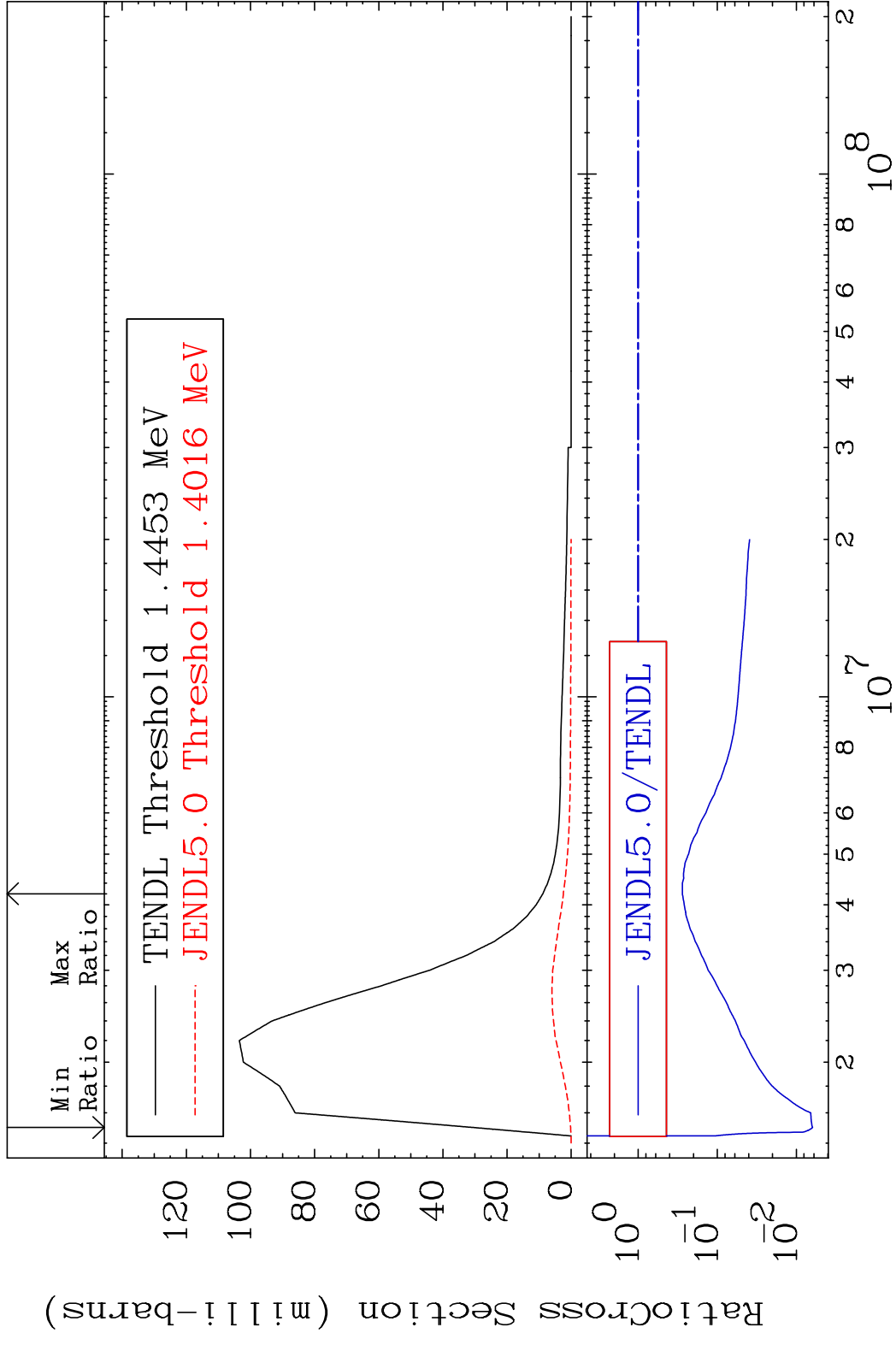
MAT 6449 MT= 72 (n,n') Level 64-Gd-160
 Cross Section -97.69 To 9999. %



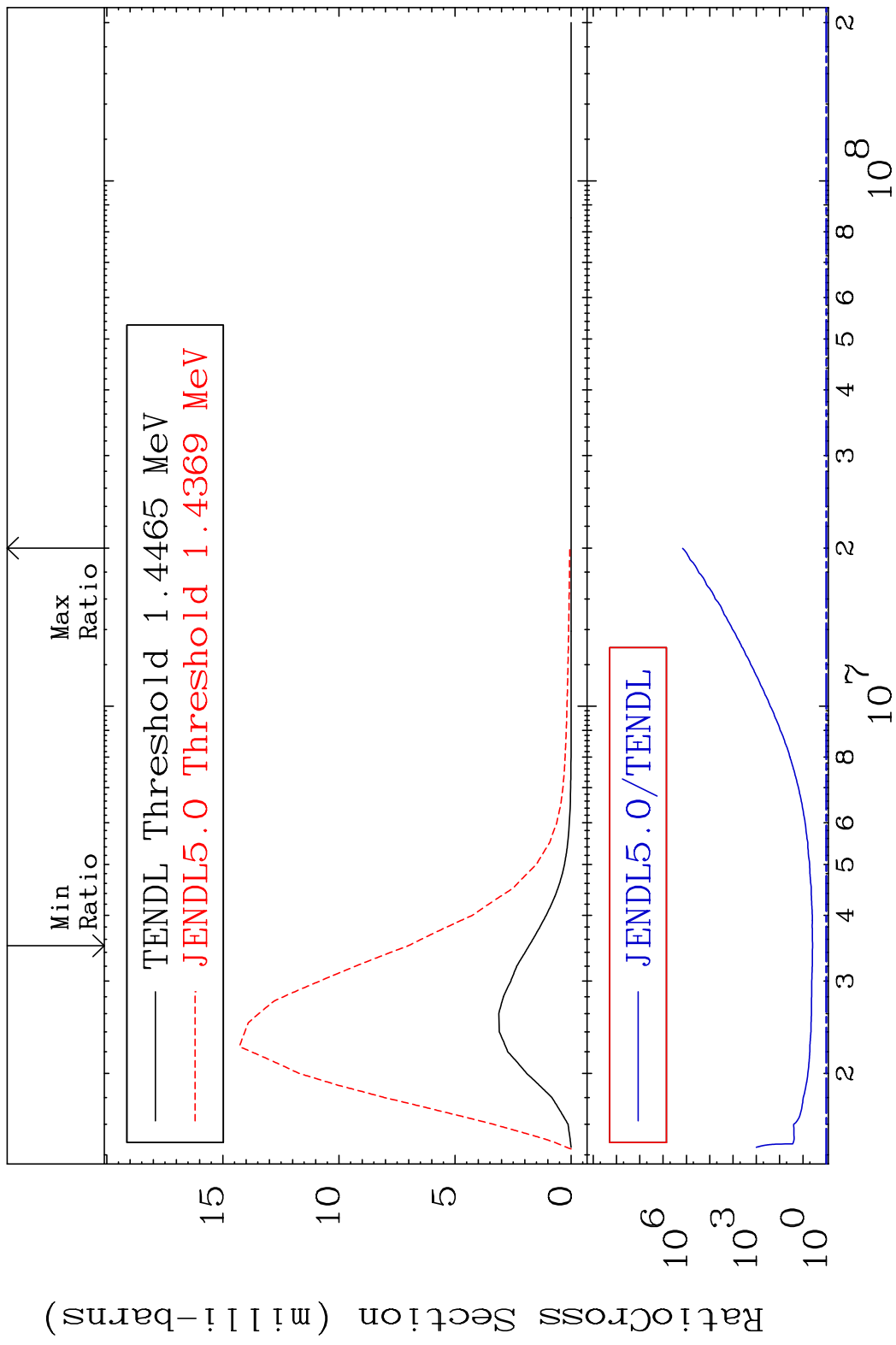
MAT 6449 MT= 73 (n,n') Level 64-Gd-160
 Cross Section -97.76 To 9999. %



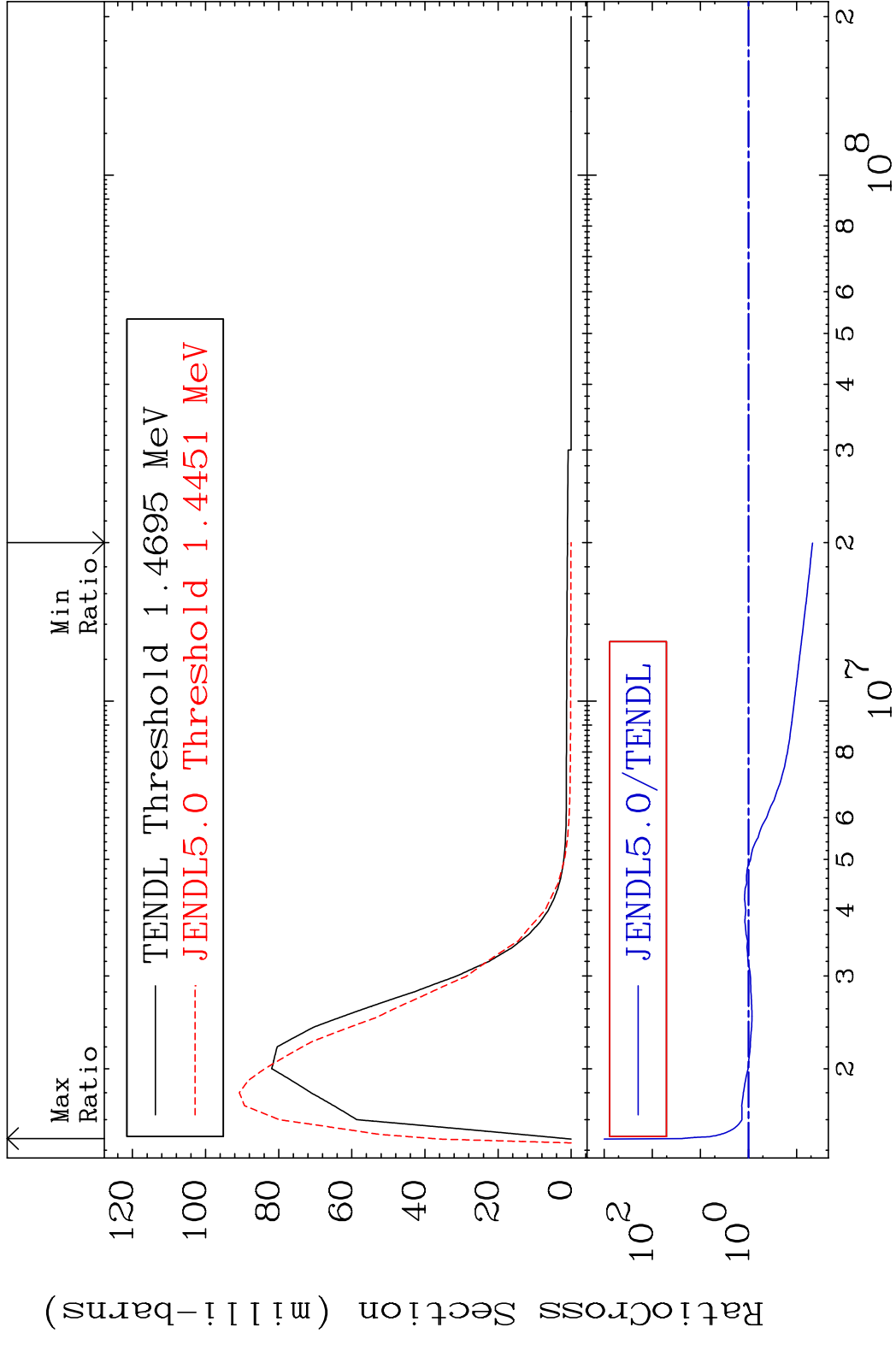
MAT 6449 MT= 74 (n,n') Level 64-Gd-160
 Cross Section -99.38 To -72.32%



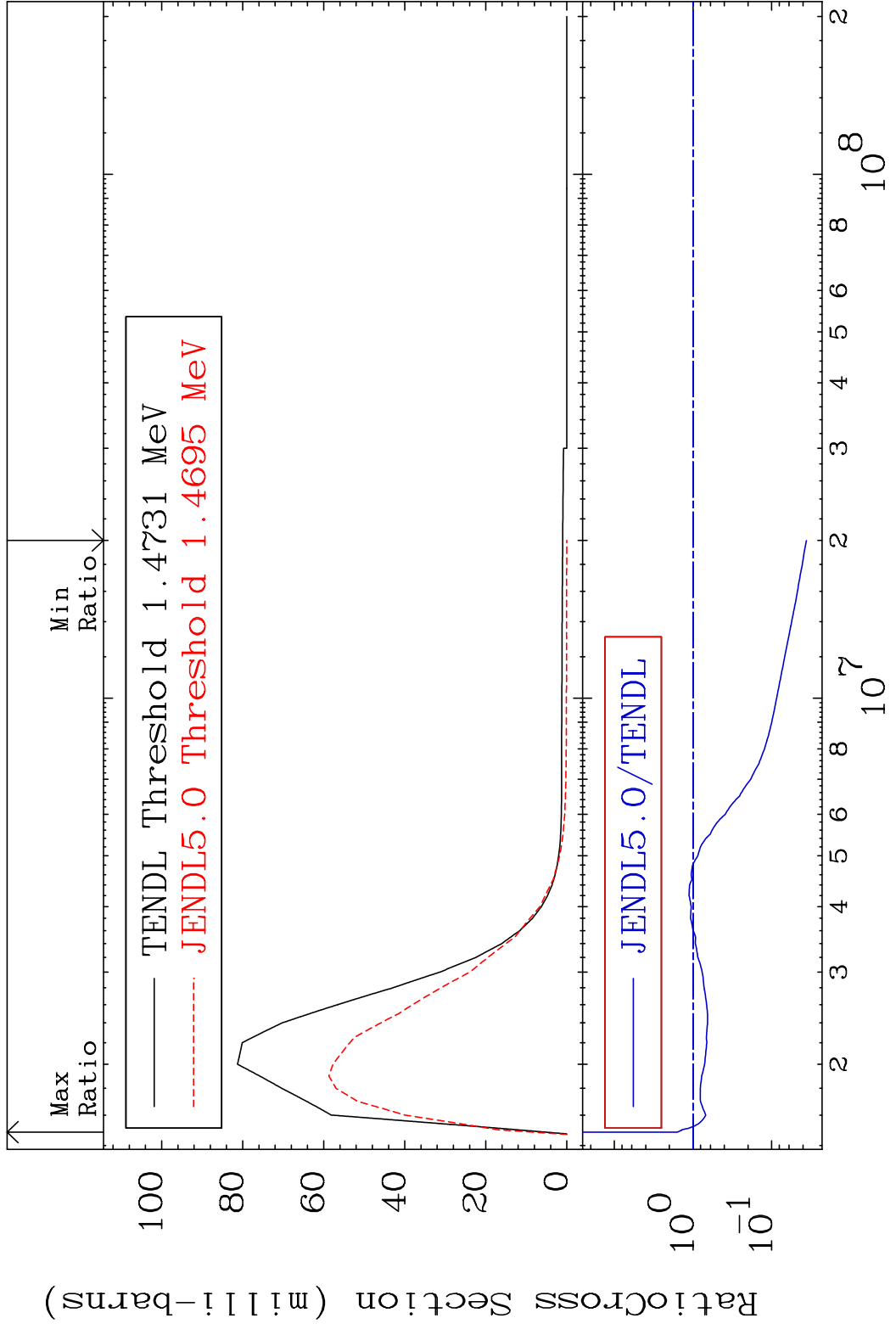
MAT 6449 MT= 75 (n,n') Level 64-Gd-160
 Cross Section 286.1 To 9999. %



MAT 6449 MT= 76 (n,n') Level 64-Gd-160
 Cross Section -95.35 To 2267. %



MAT 6449 MT= 77 (n,n') Level 64-Gd-160
 Cross Section -96.38 To 58.92 %

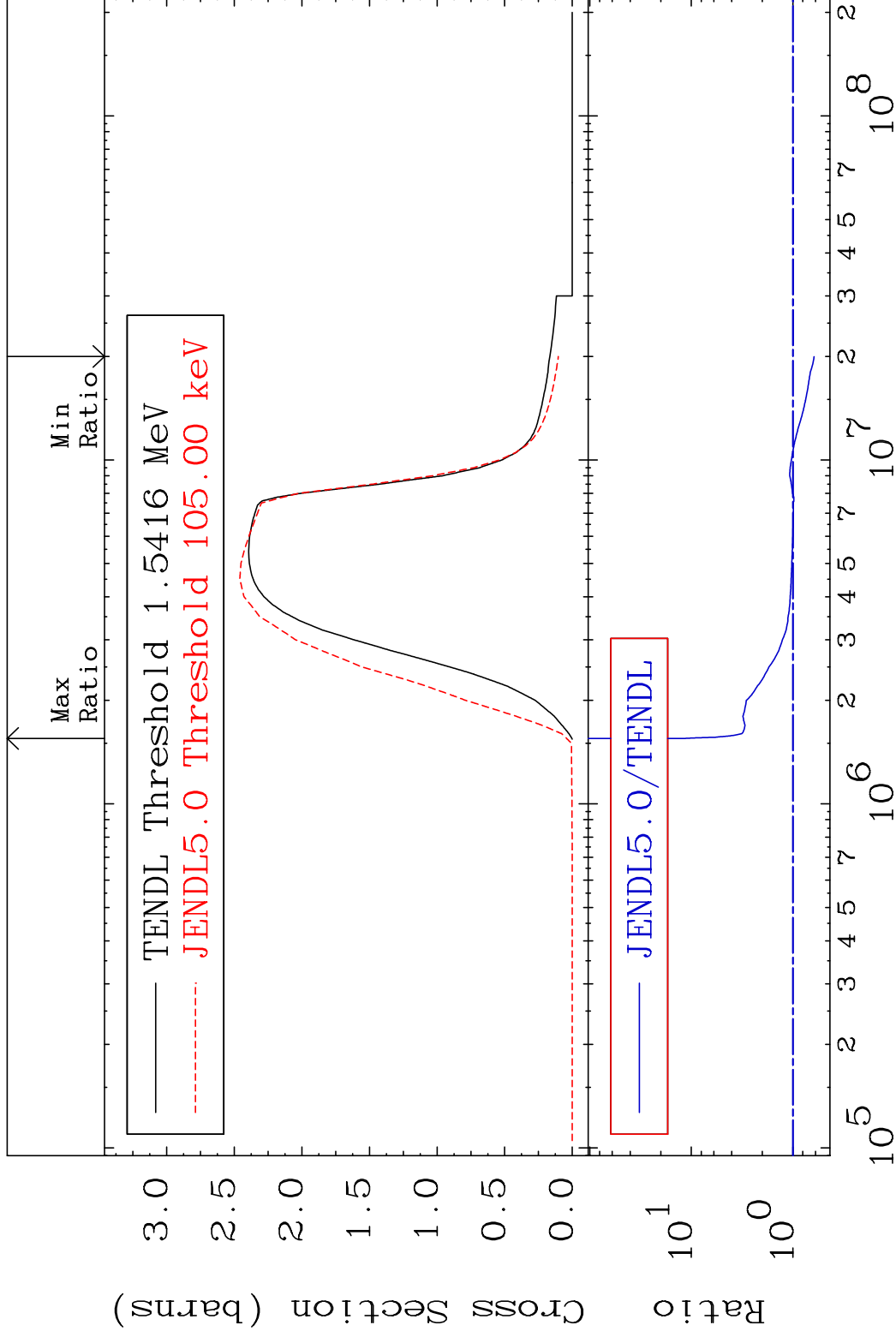


MAT 6449

(n, n') Continuum

64-Gd-160

Cross Section -38.14 To 1090. %



38

Incident Energy (eV)

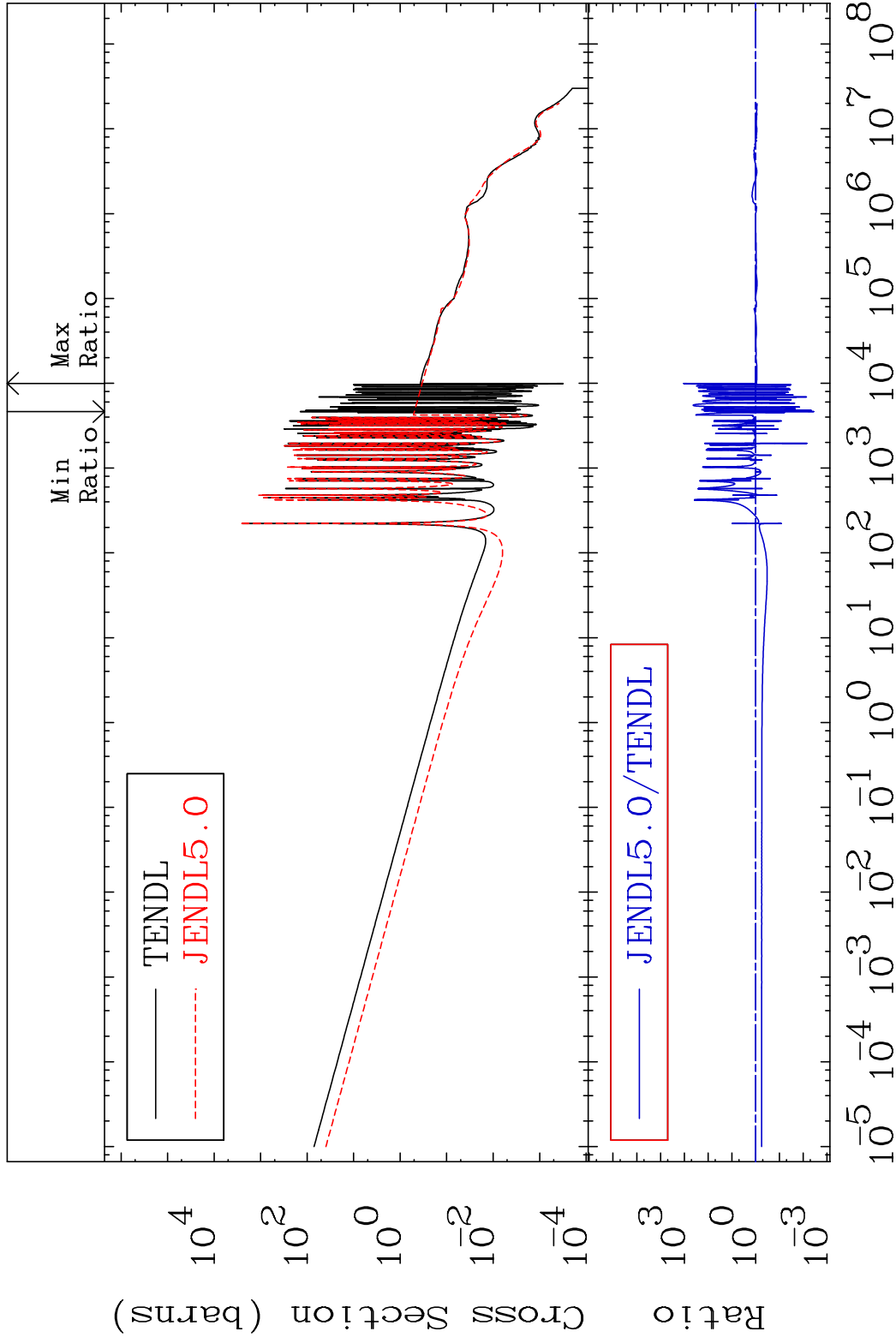
64-Gd-160

MAT 6449

(n, γ)

64-Gd-160

Cross Section -99.65 To 9999. %



39

Incident Energy (eV)

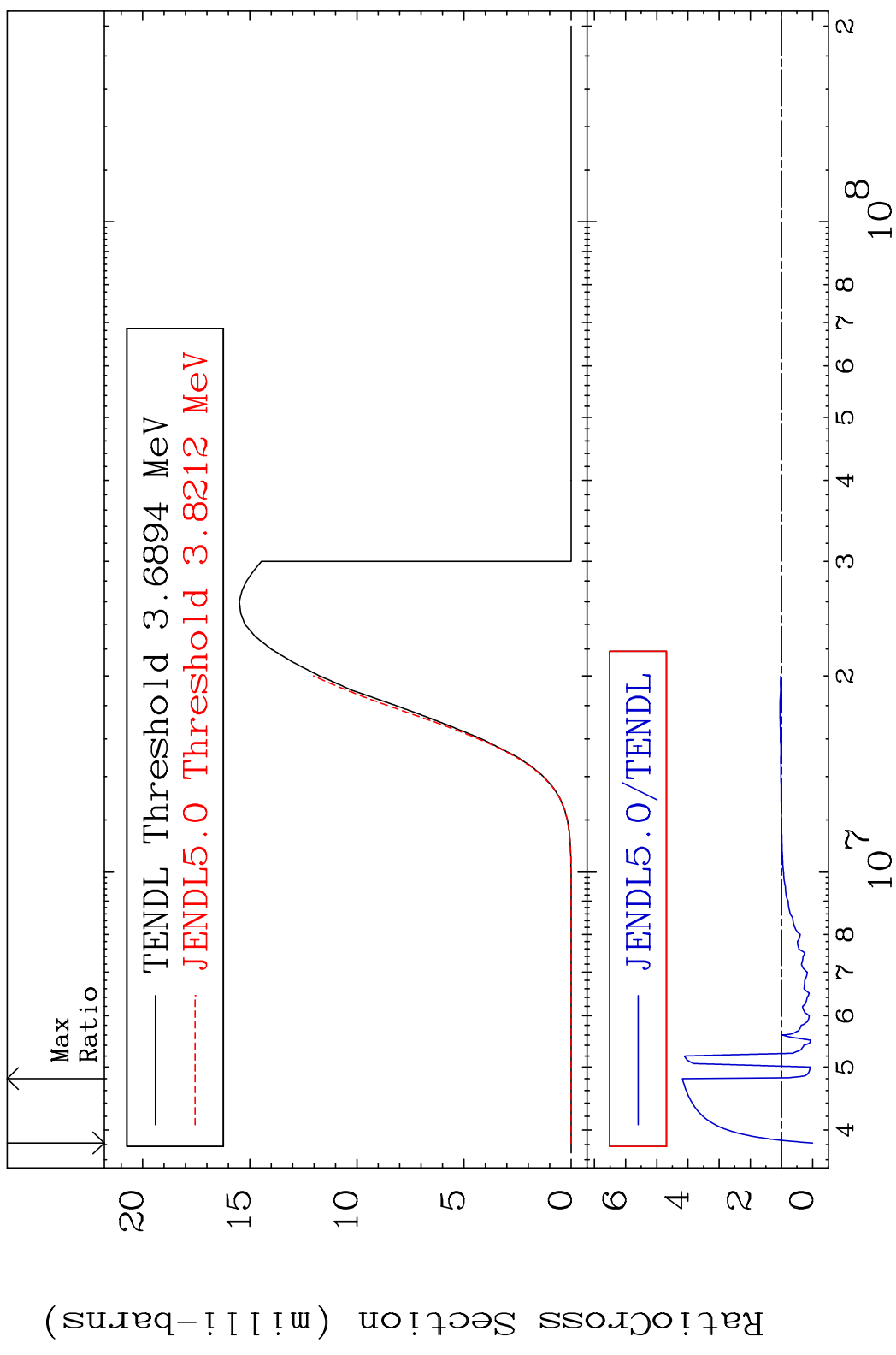
64-Gd-160

MAT 6449

(n,p)

64-Gd-160

Cross Section -100.0 To 317.9 %



40

Incident Energy (eV)

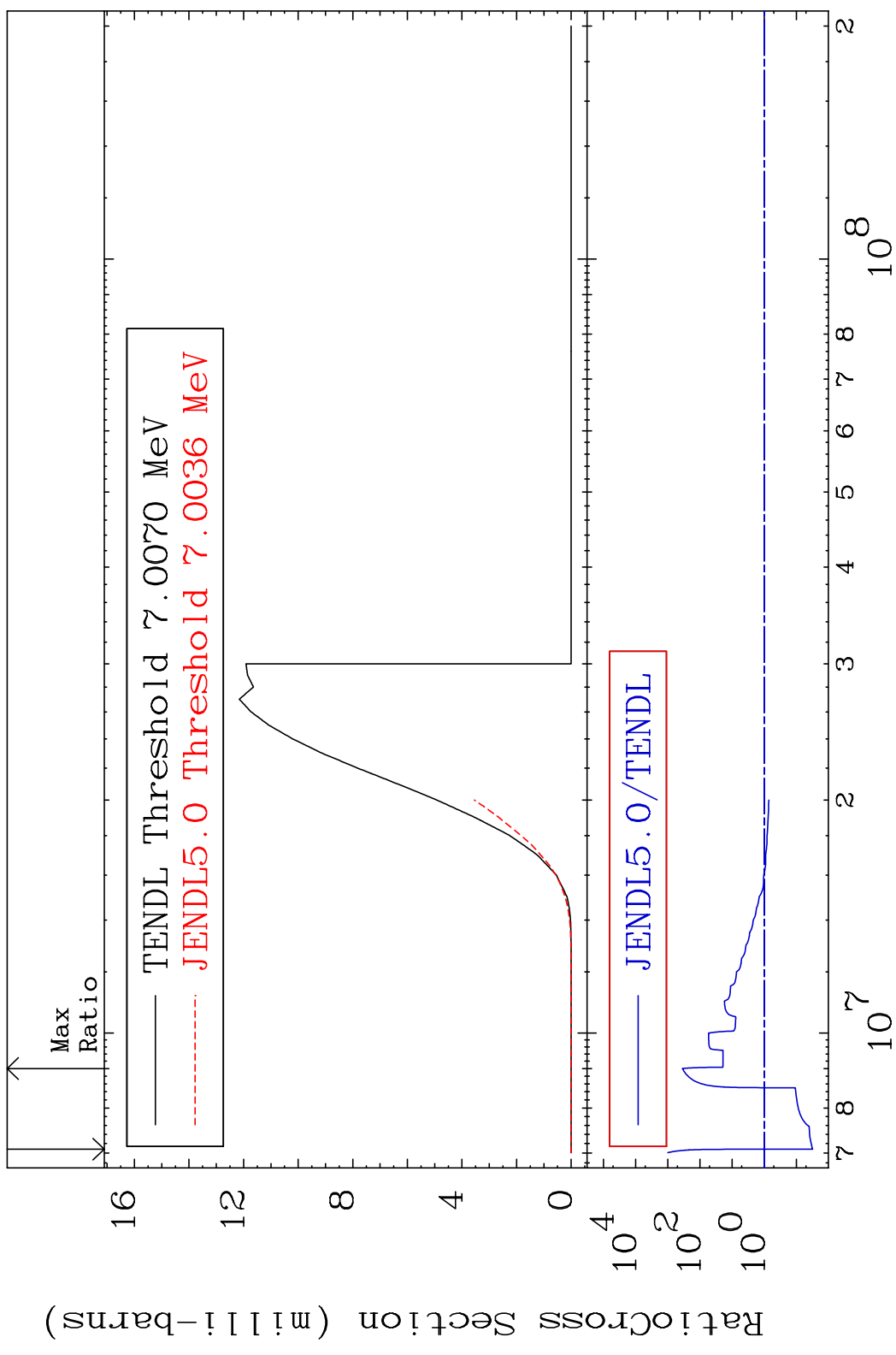
64-Gd-160

MAT 6449

(n,d)

64-Gd-160

Cross Section -96.87 To 9999. %

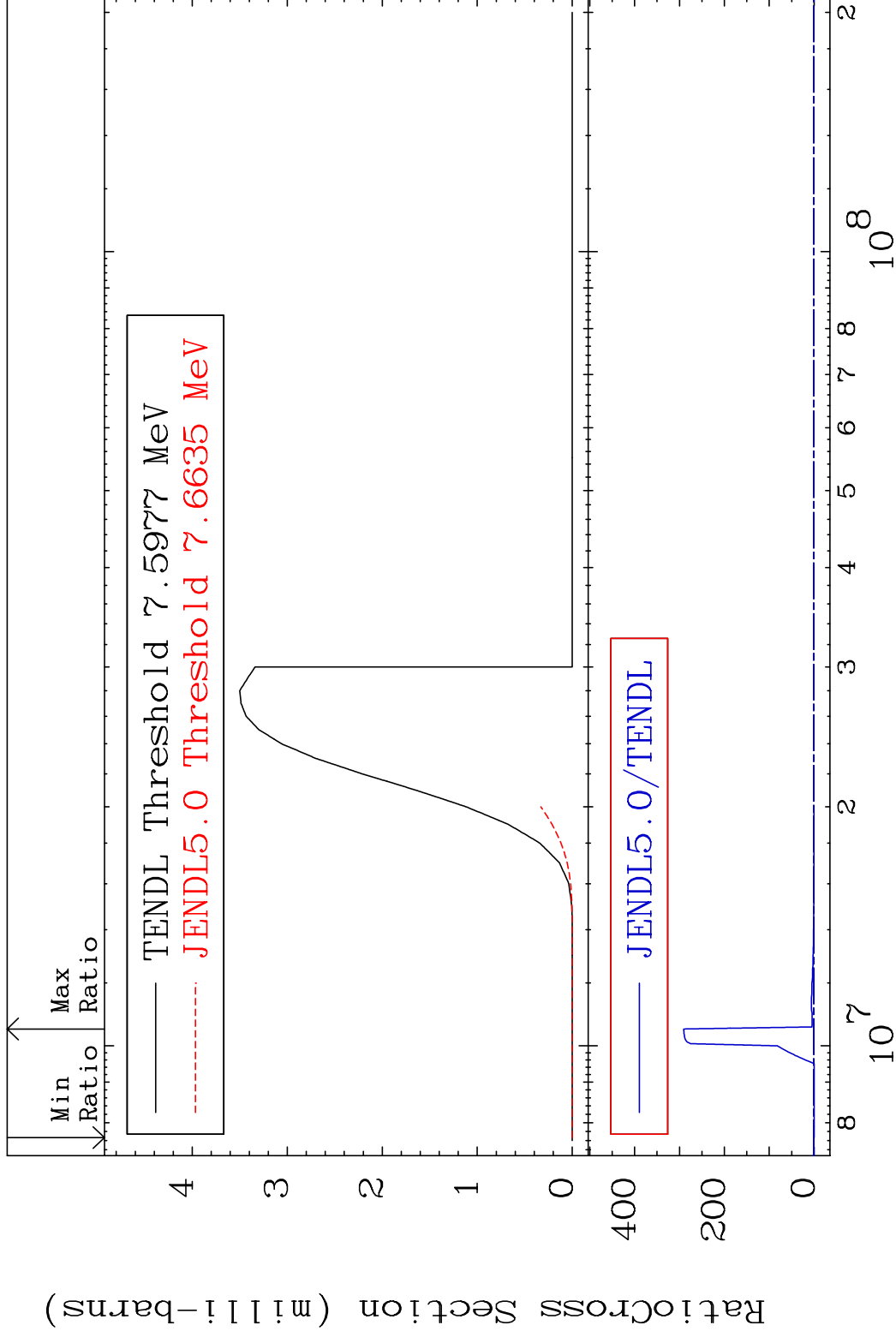


MAT 6449

(n, t)

64-Gd-160

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

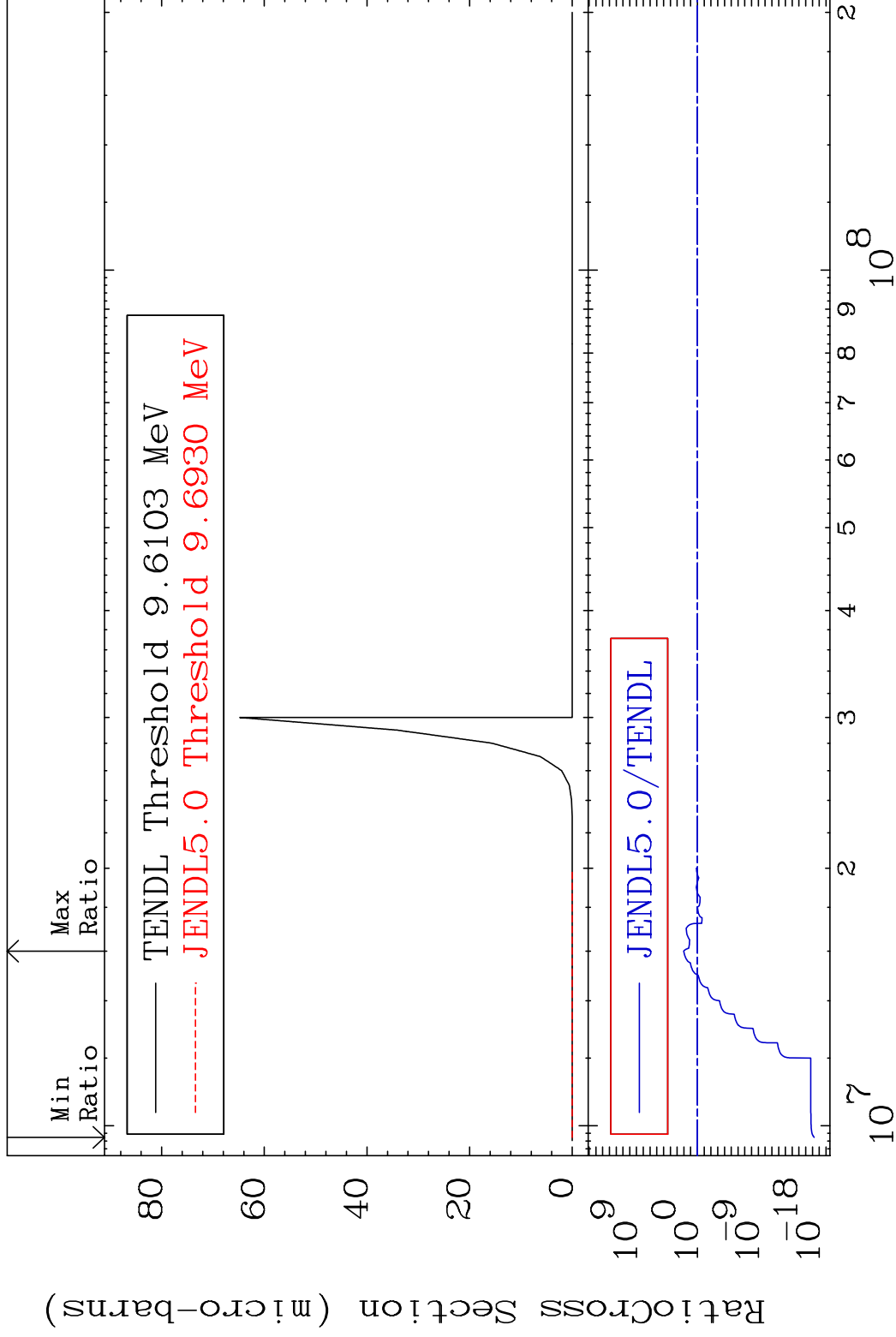
64-Gd-160

MAT 6449

(n, He-3)

64-Gd-160

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

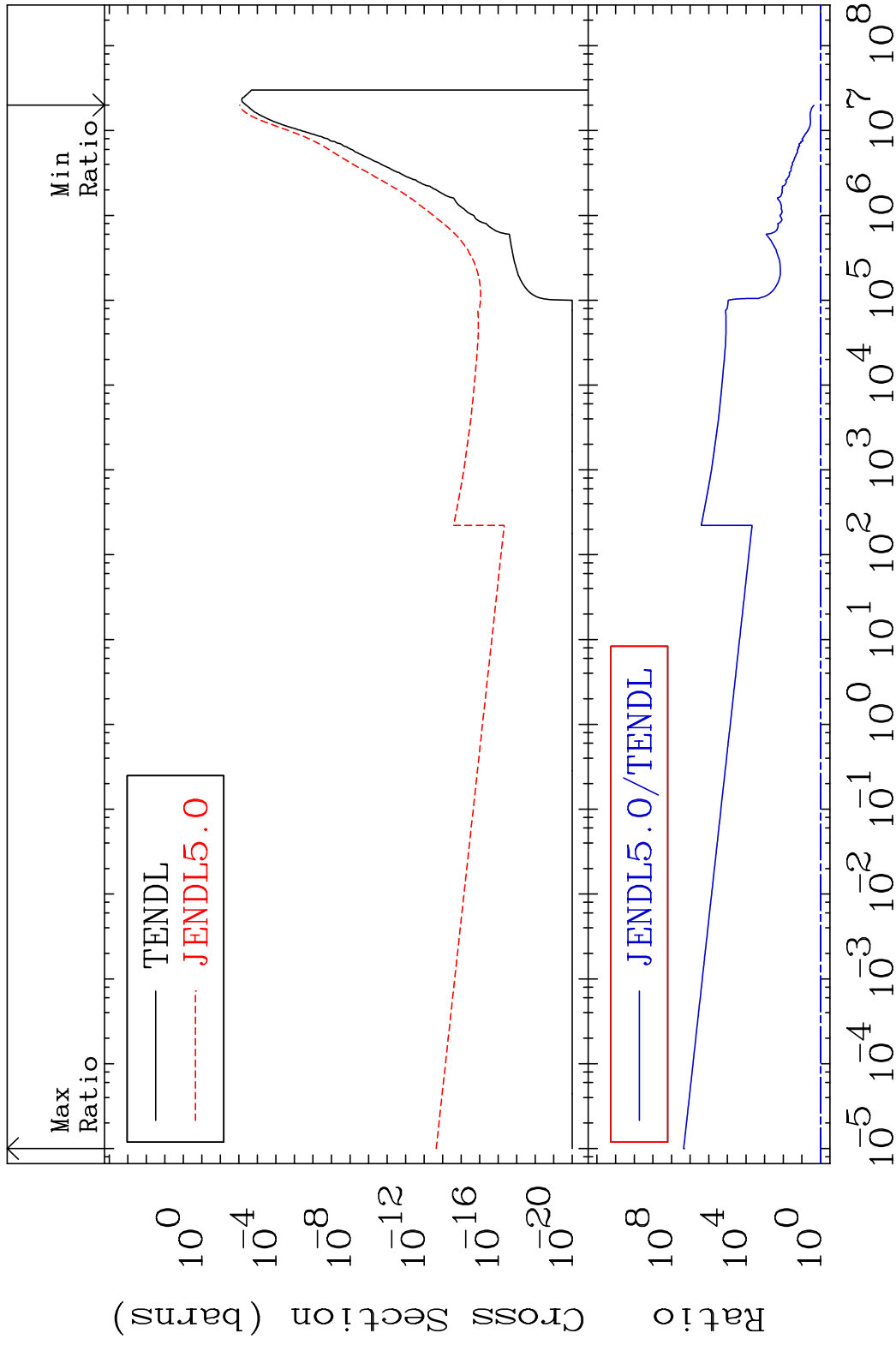
64-Gd-160

MAT 6449

(n, α)

64-Gd-160

Cross Section 121.2 To 9999. %



44

Incident Energy (eV)

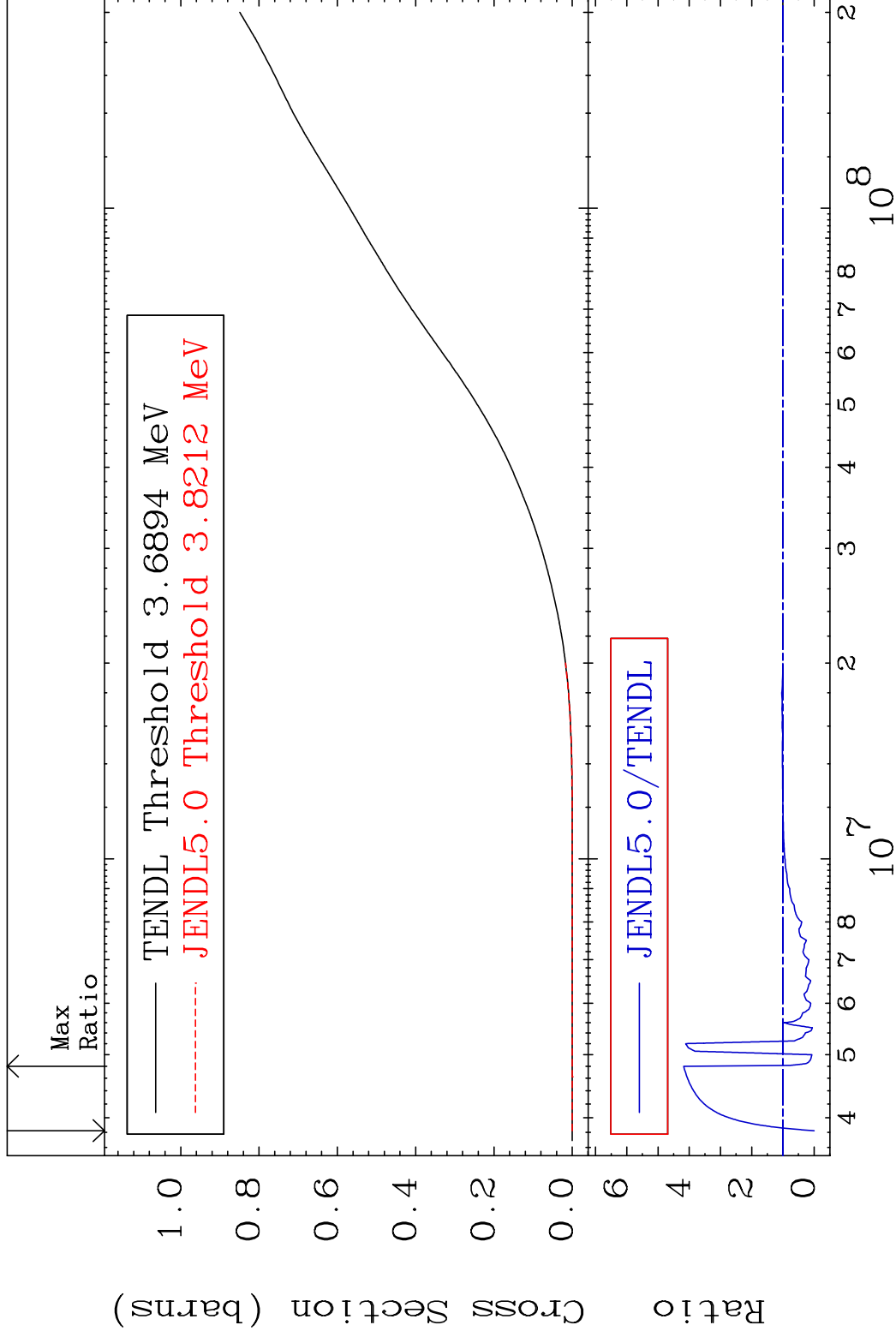
64-Gd-160

MAT 6449

Hydrogen Production

64-Gd-160

Cross Section -100.0 To 317.9 %



45

Incident Energy (eV)

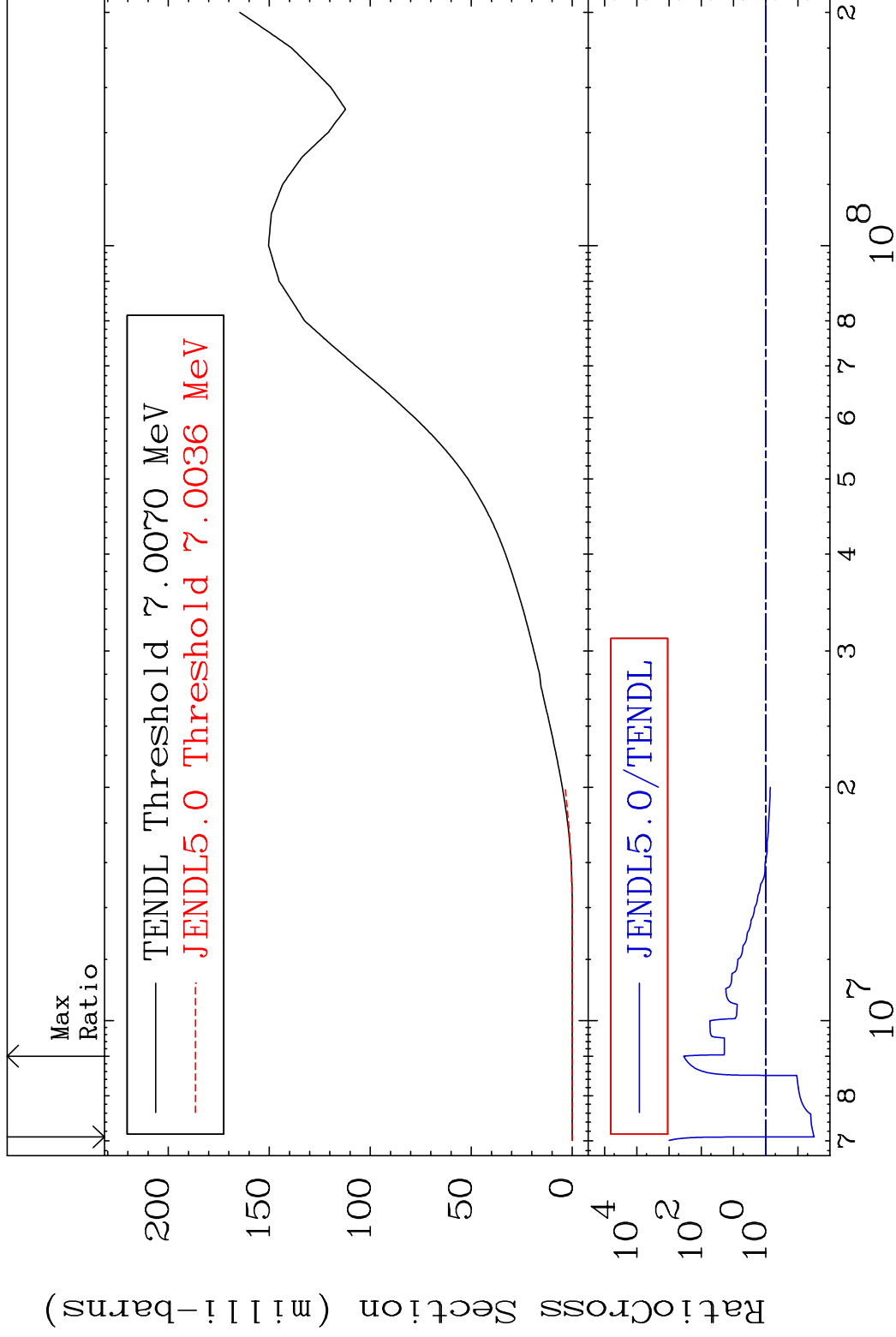
64-Gd-160

MAT 6449

Deuterium Production

64-Gd-160

Cross Section -96.87 To 9999. %

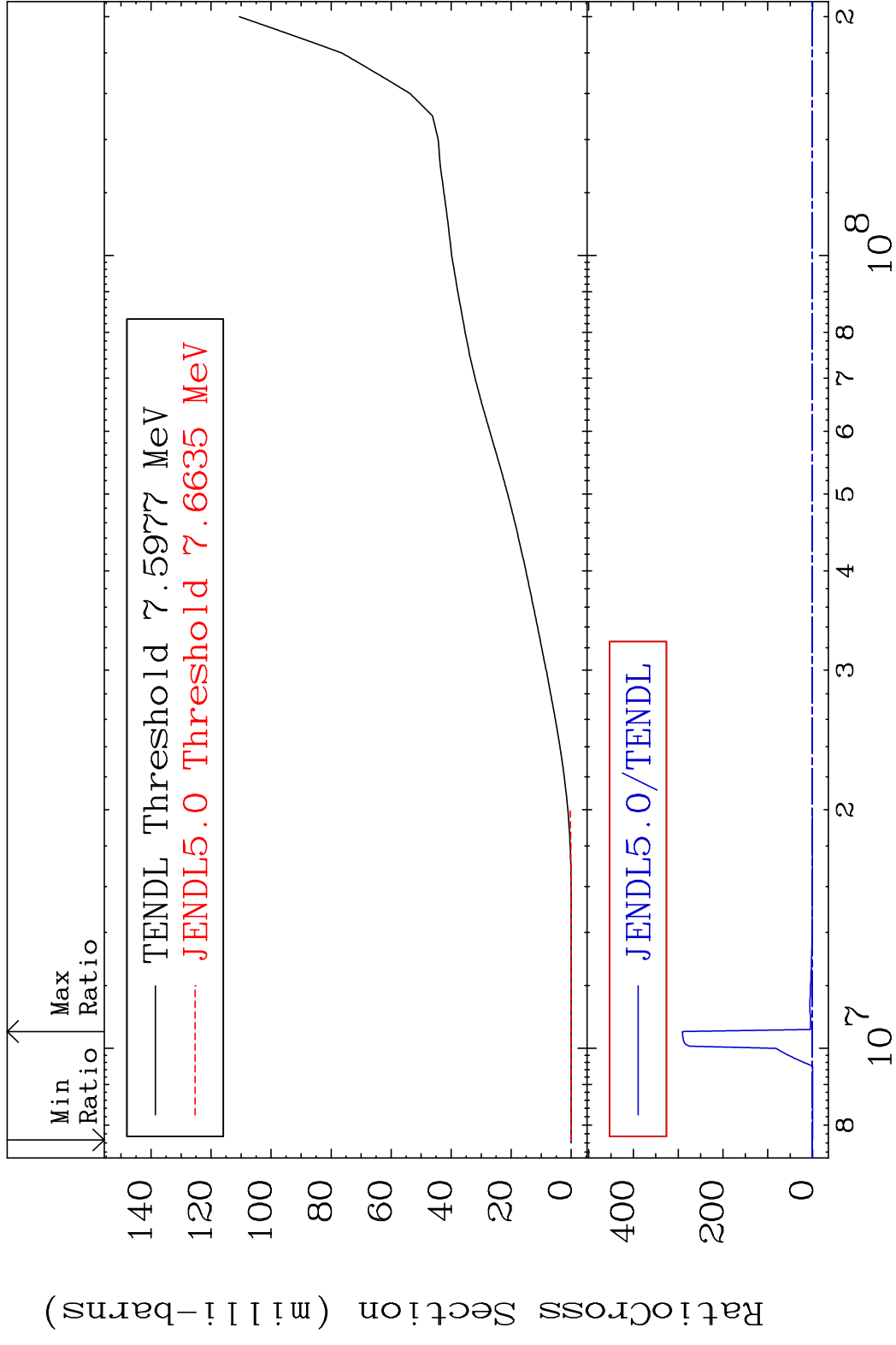


46

Incident Energy (eV)

64-Gd-160

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

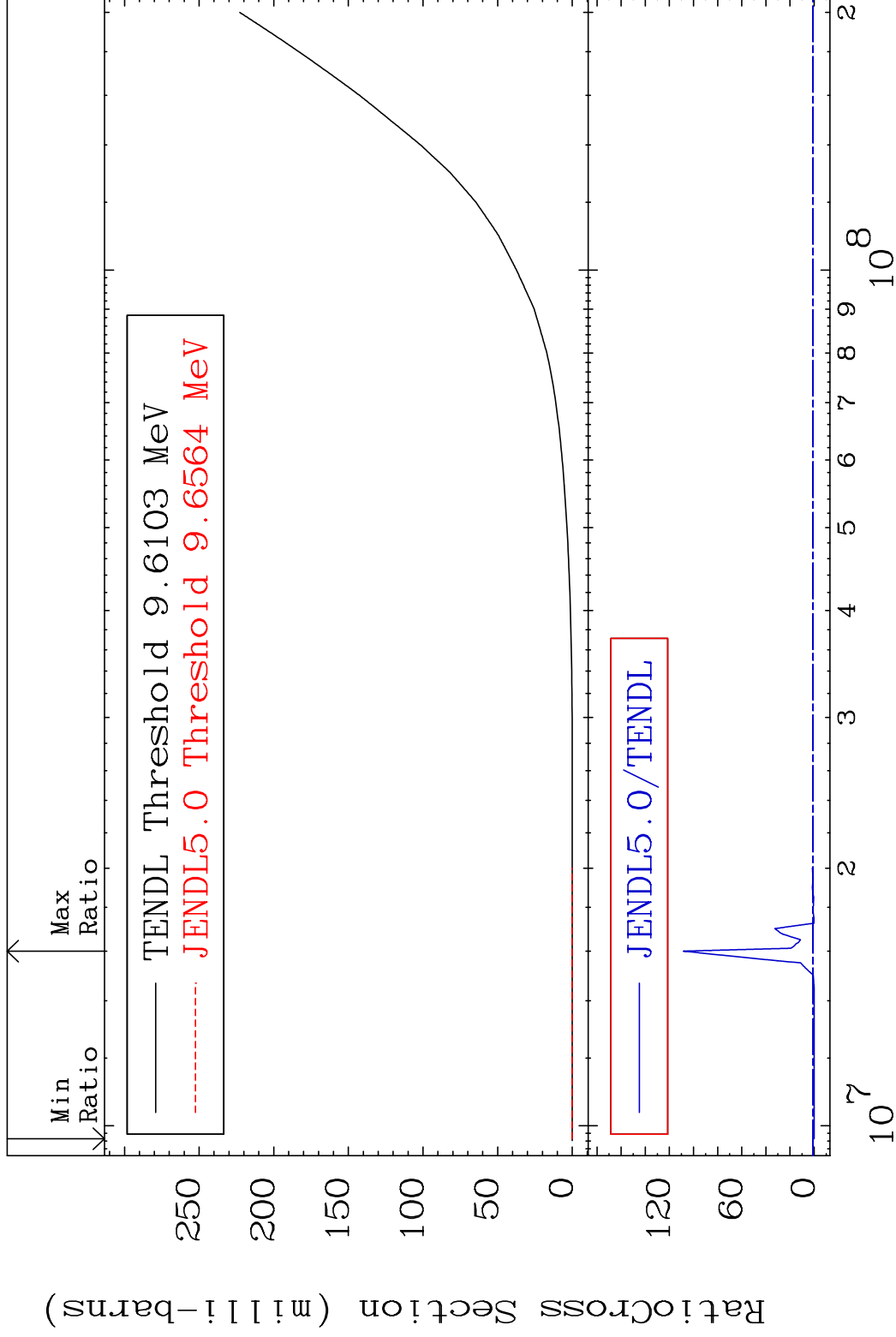


MAT 6449

He-3 Production

64-Gd-160

Cross Section -100.0 To 9999. %

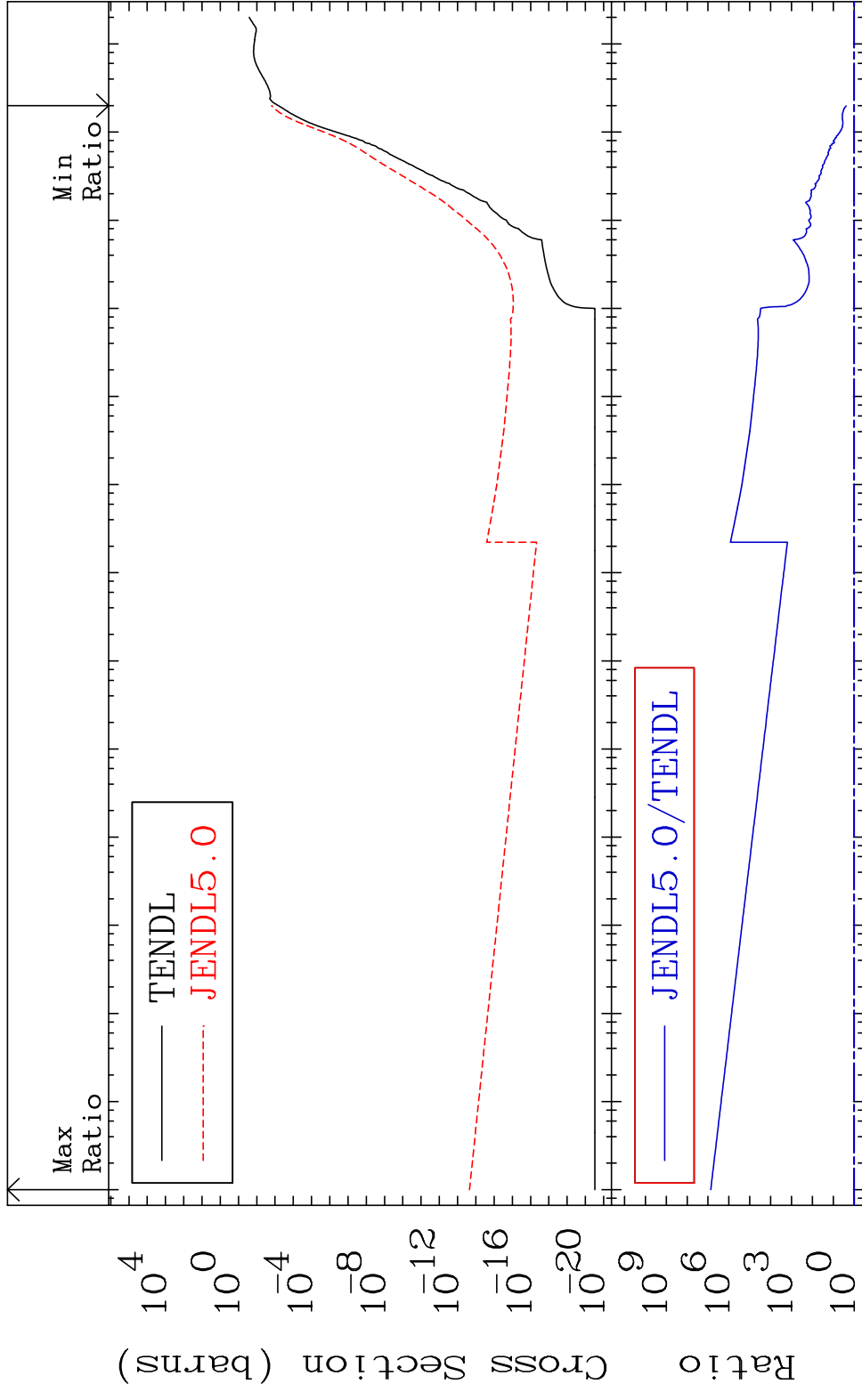


48

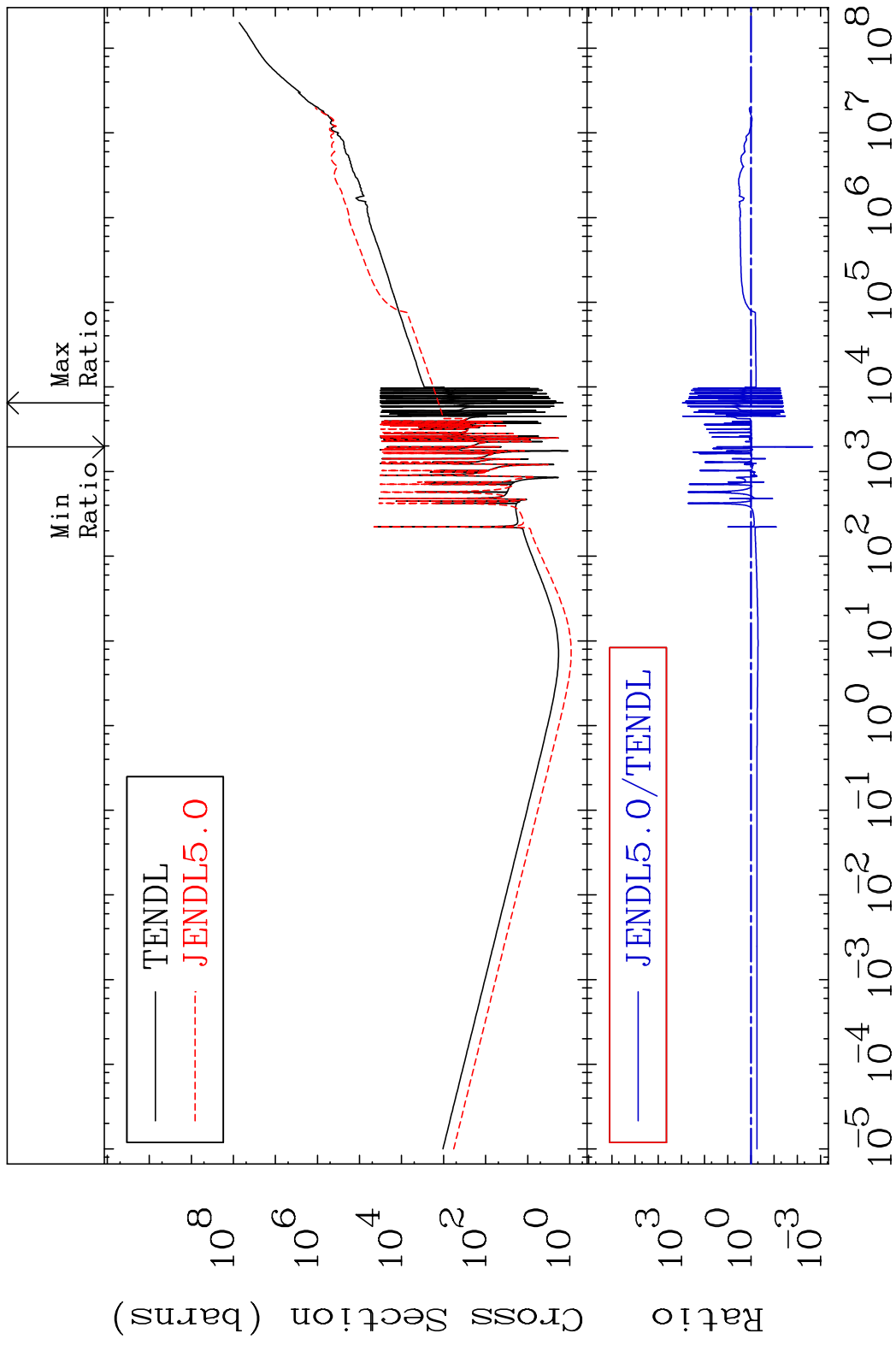
Incident Energy (eV)

64-Gd-160

MAT 6449 He-4 Production 64-Gd-160
 Cross Section 135.7 To 9999. %



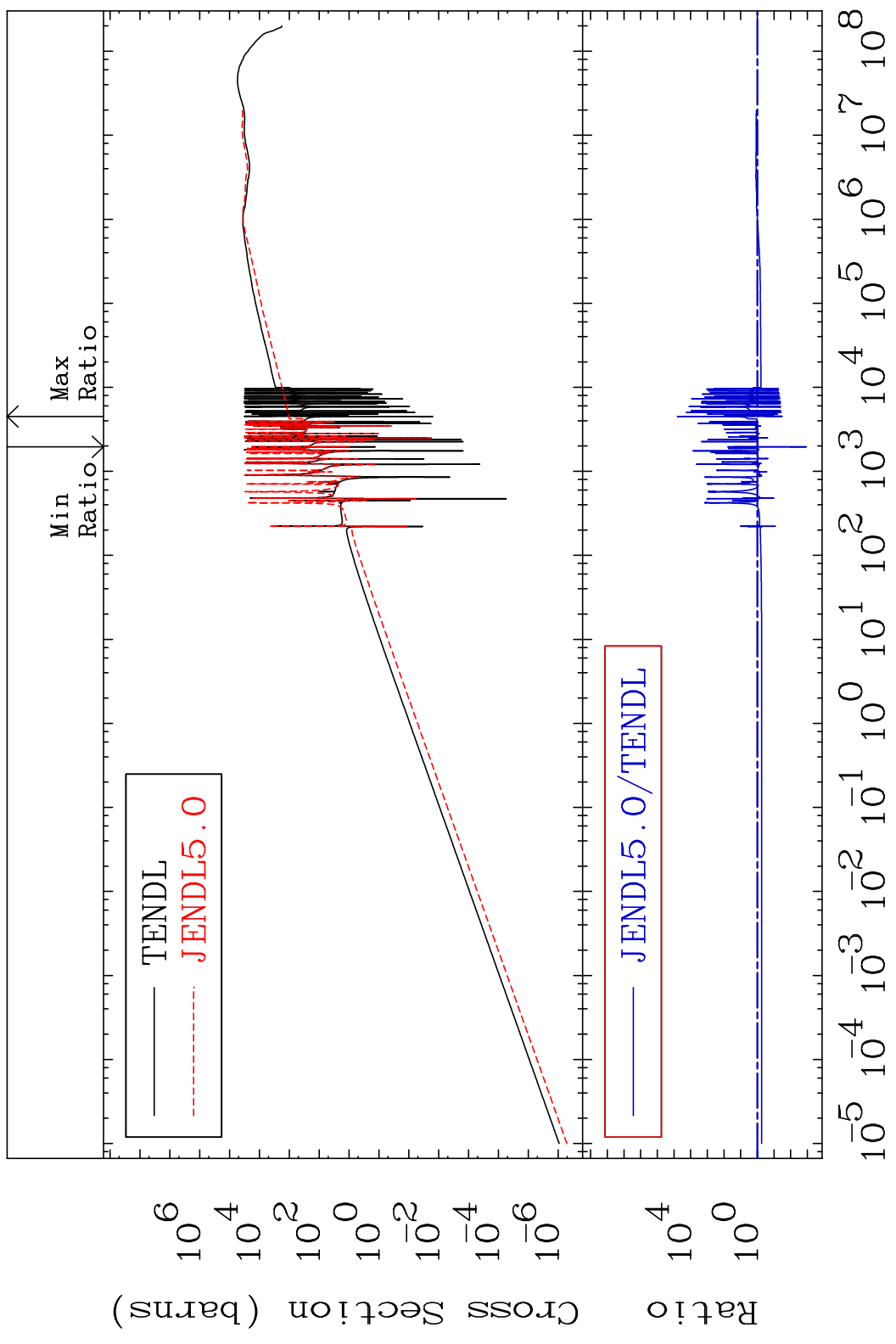
MAT 6449 Kerma total (eV-barns) 64-Gd-160
 Cross Section -99.78 To 9999. %



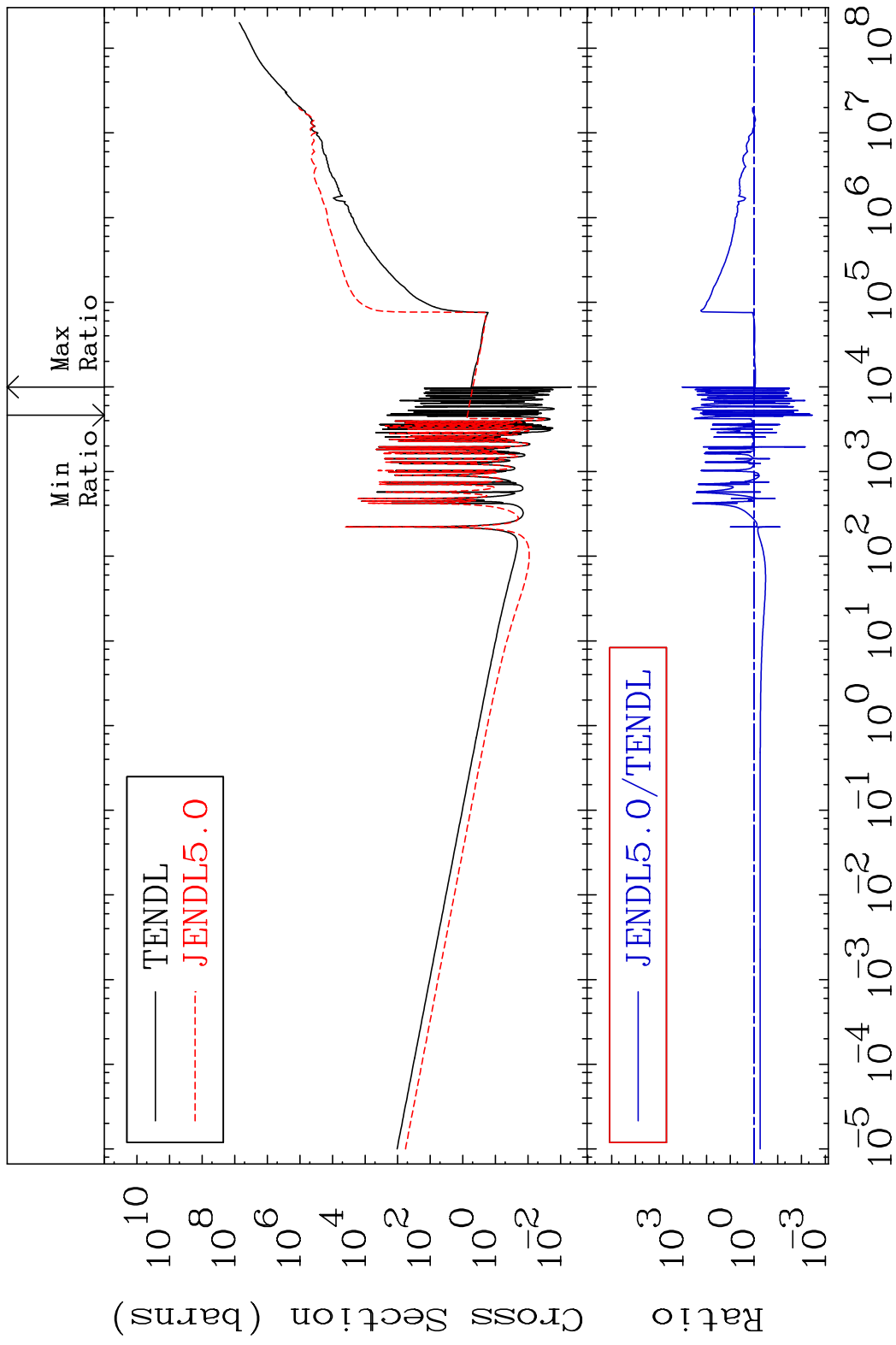
50 Incident Energy (eV) 64-Gd-160

MAT 6449

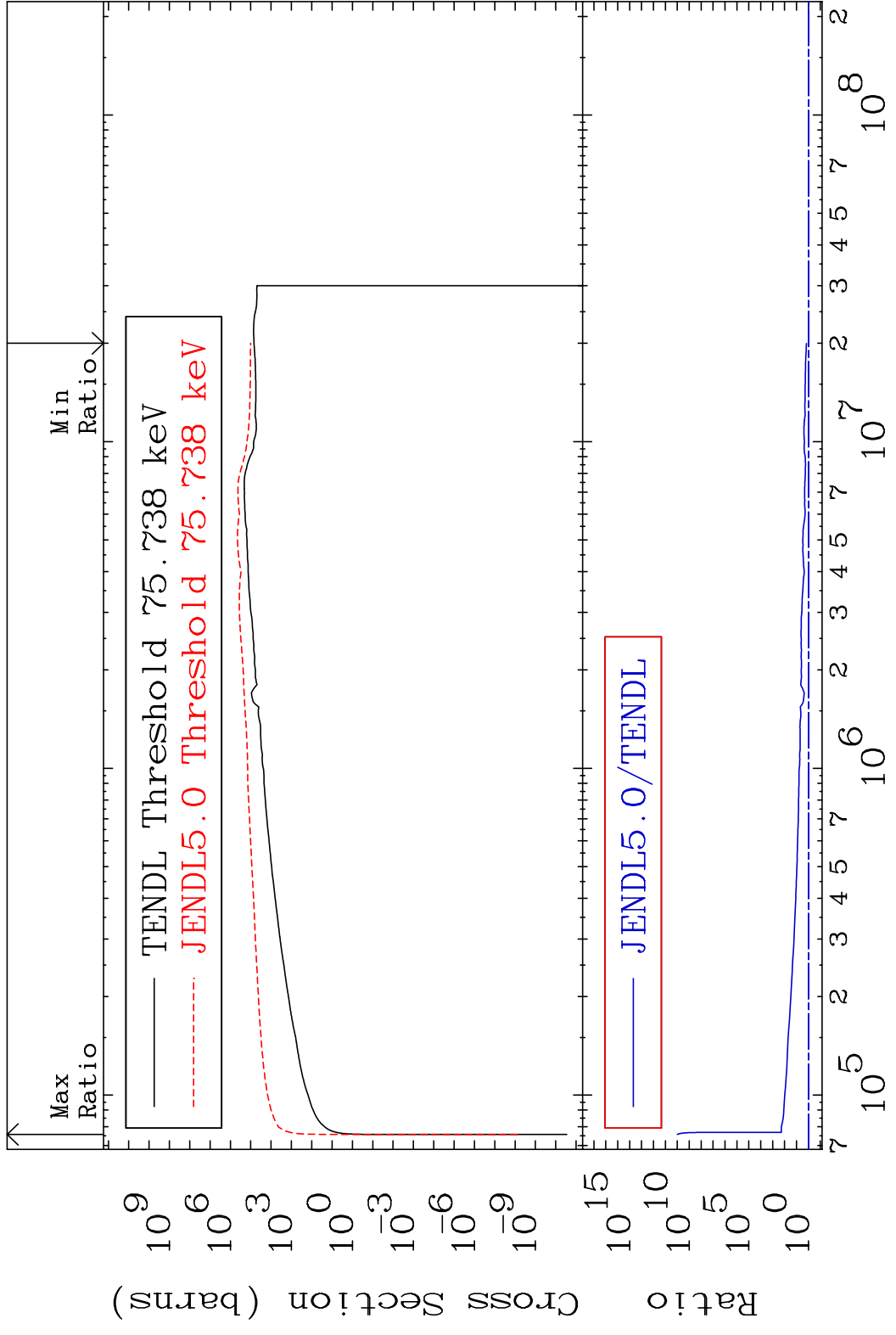
Kerma elastic Cross Section -99.89 To 9999. %
64-Gd-160



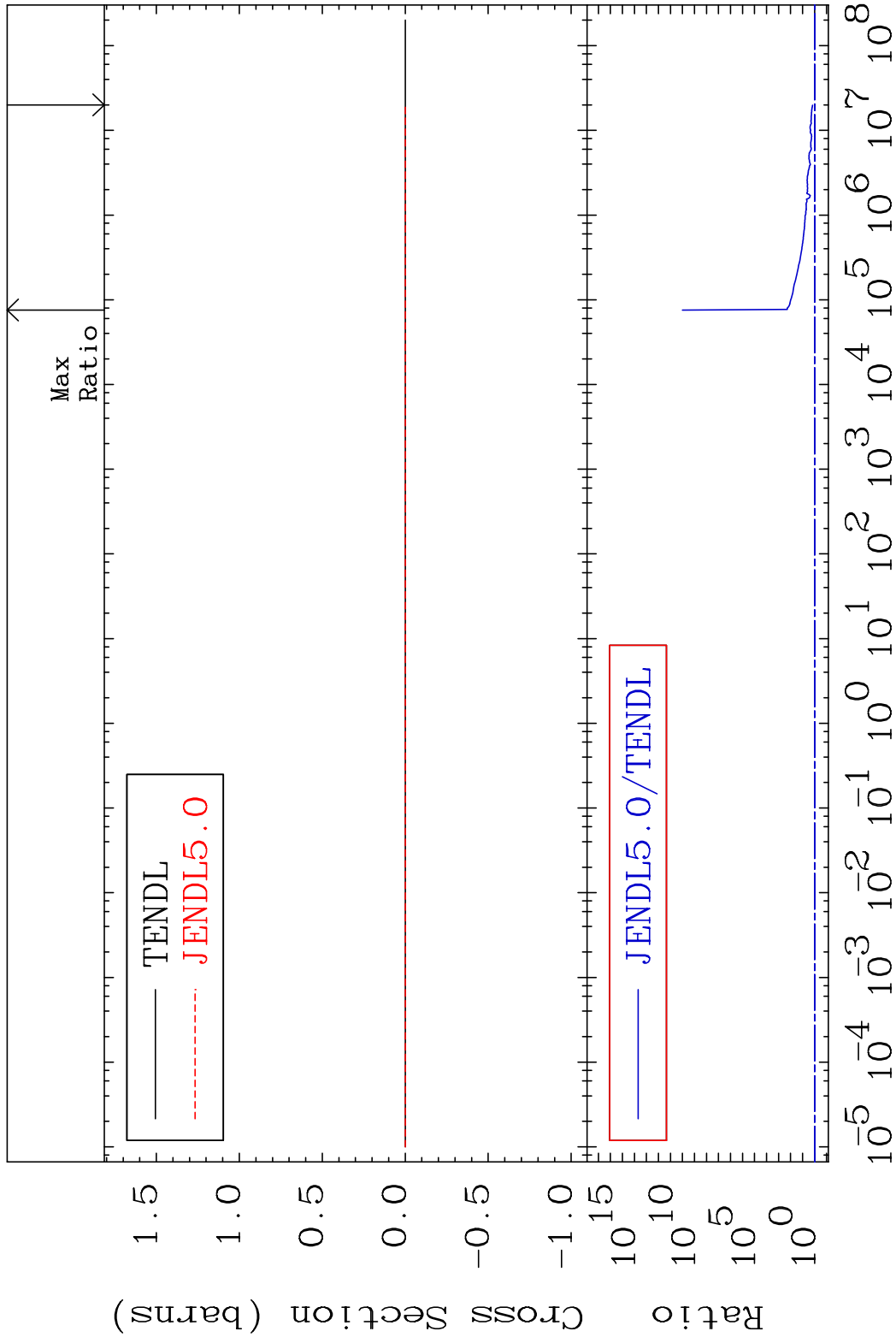
MAT 6449 Kerma non-elastic (all but mt2) 64-Gd-160
 Cross Section -99.66 To 9999. %



MAT 6449 Kerma inelastic (mt51-91) 64-Gd-160
 Cross Section 47.93 To 9999. %

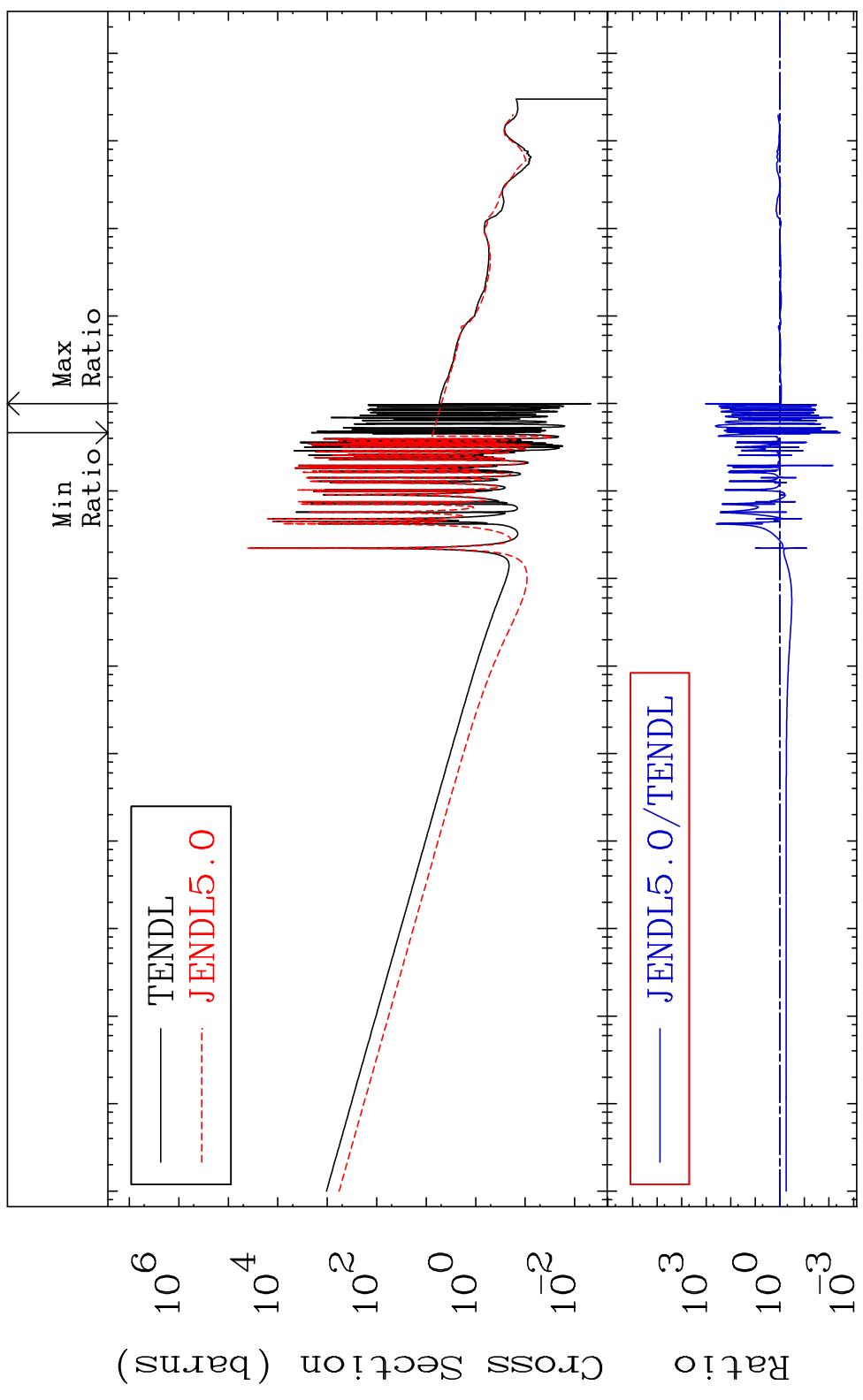


MAT 6449 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-160
 Cross Section 47.93 To 9999. %



MAT 6449

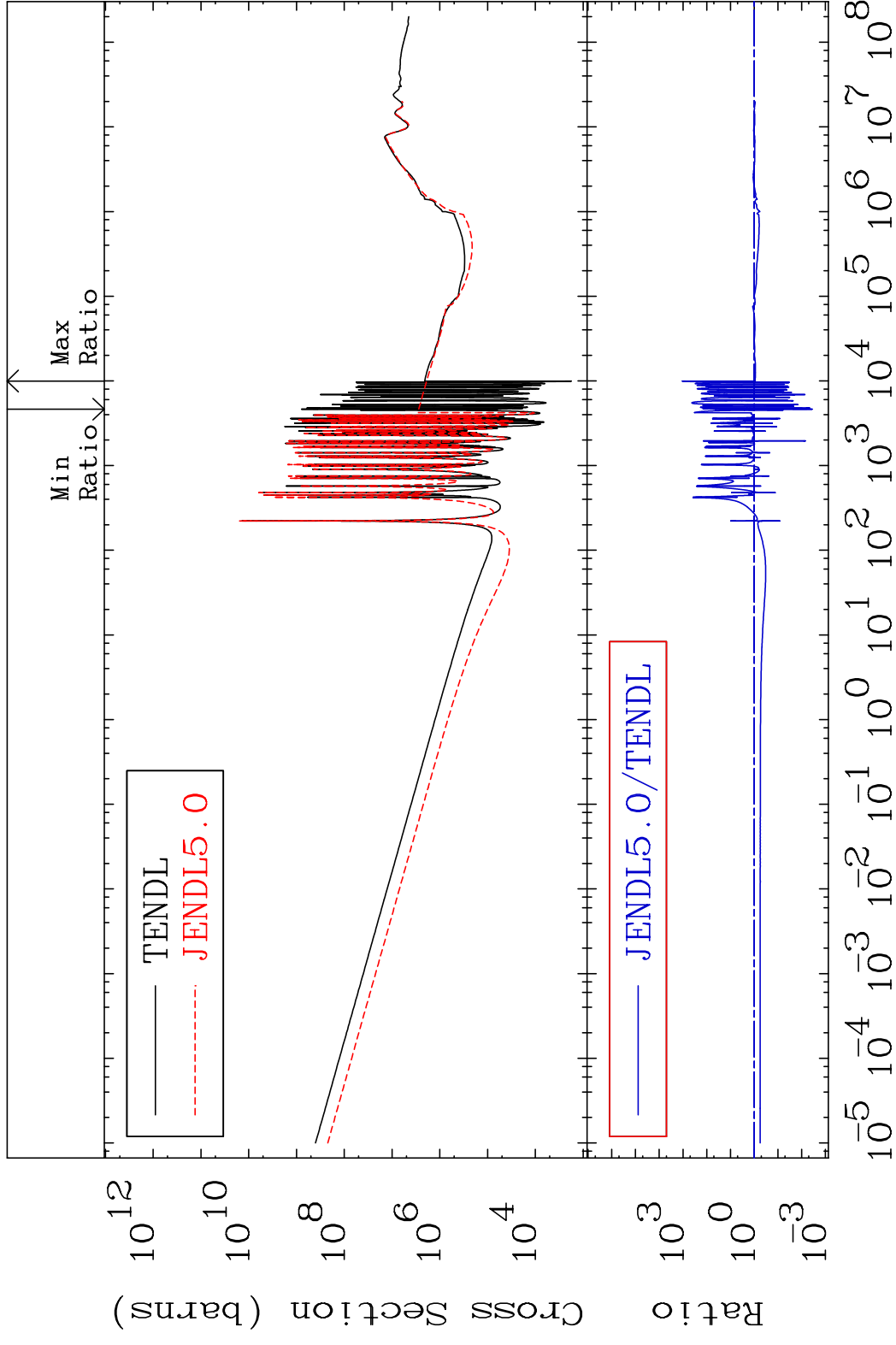
Kerma capture (mt102) 64-Gd-160
Cross Section -99.66 To 9999. %



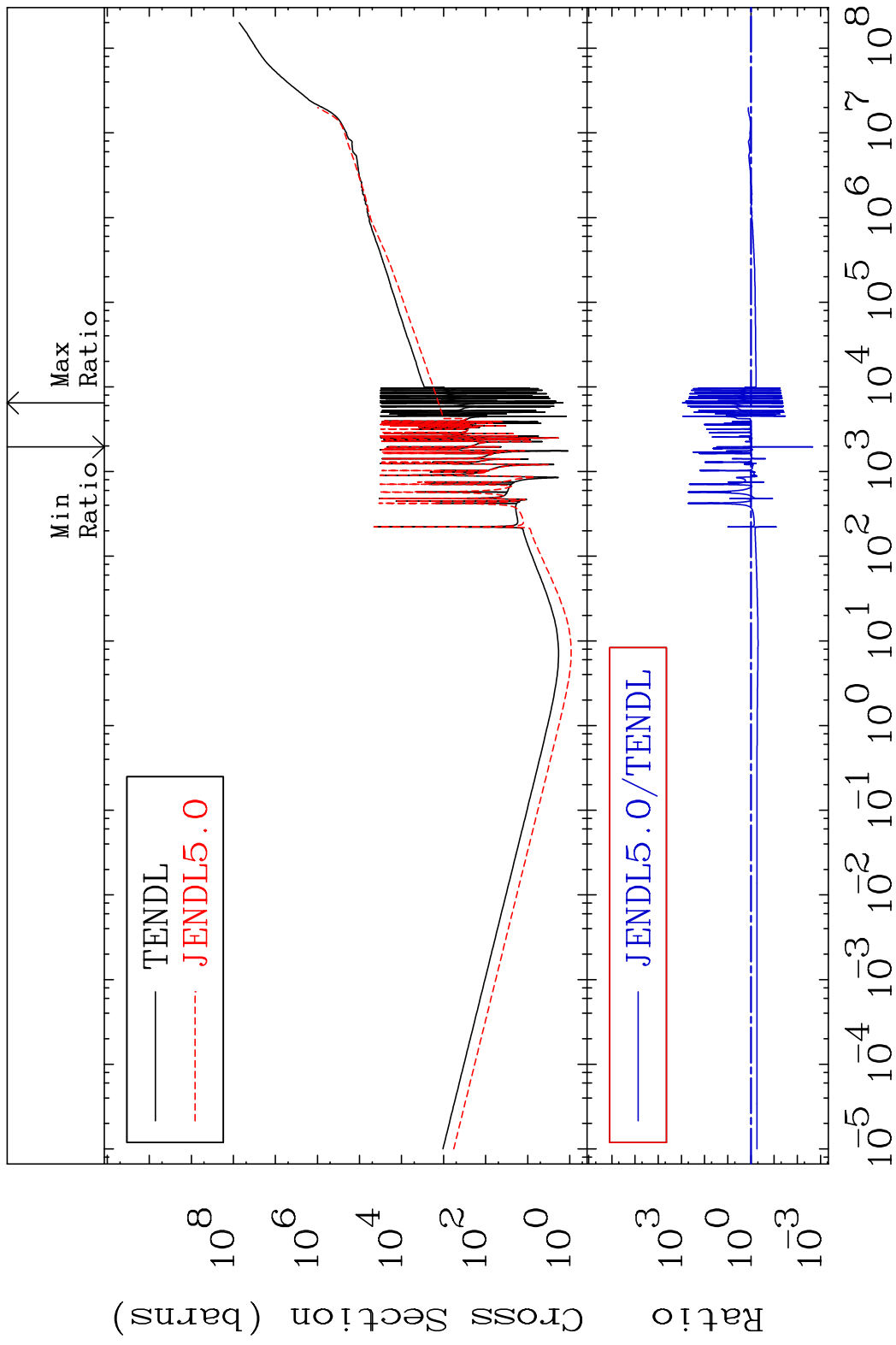
55

Incident Energy (eV) 64-Gd-160

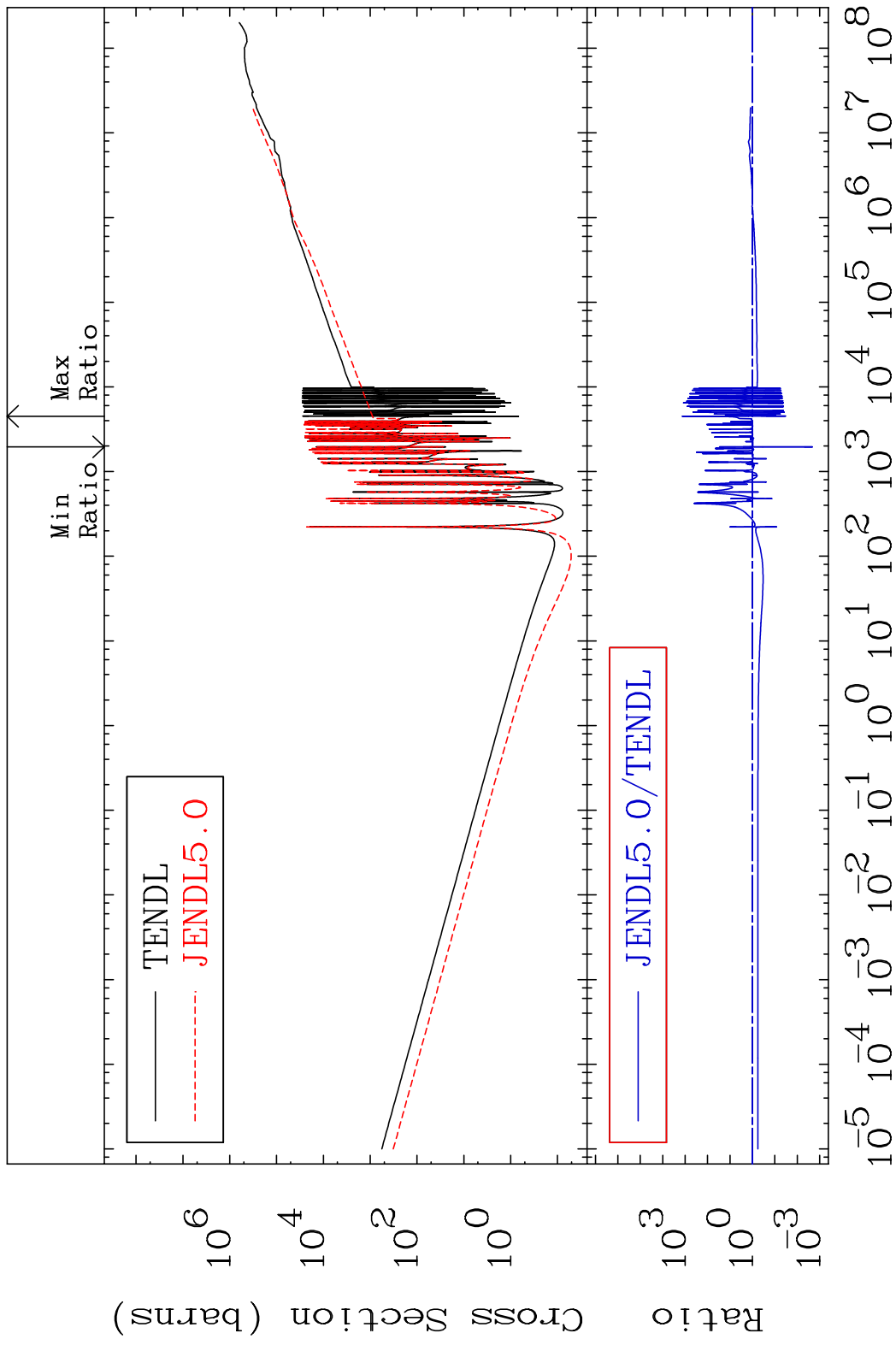
MAT 6449 Total photon (eV-barns) 64-Gd-160
 Cross Section -99.65 To 9999. %



MAT 6449 Total kinematic kerma (high limit) 64-Gd-160
 Cross Section -99.78 To 9999. %



MAT 6449 Dpa total (eV-barns) 64-Gd-160
 Cross Section -99.79 To 9999. %

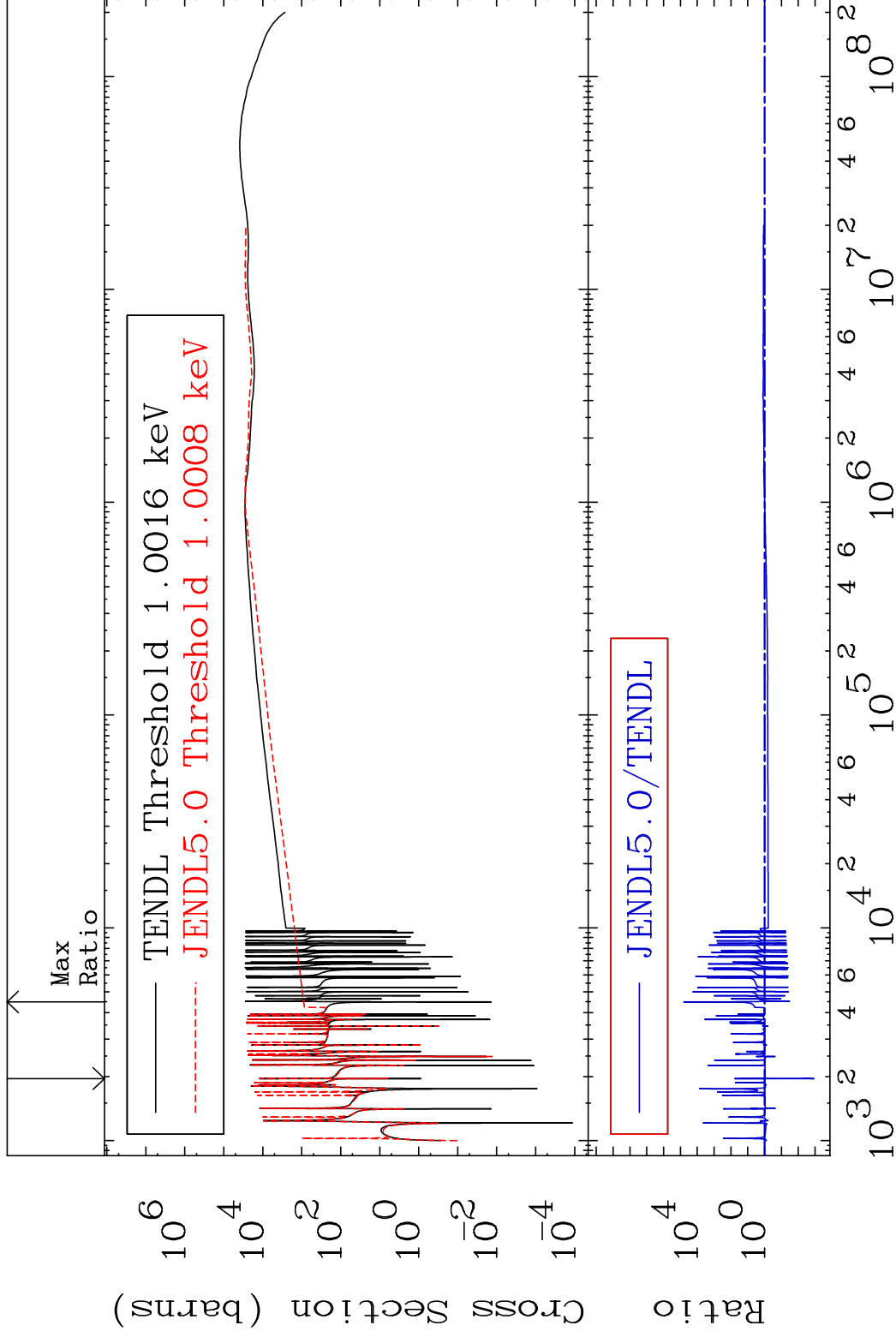


MAT 6449

Dpa elastic (mt2)

64-Gd-160

Cross Section -99.89 To 9999. %



59

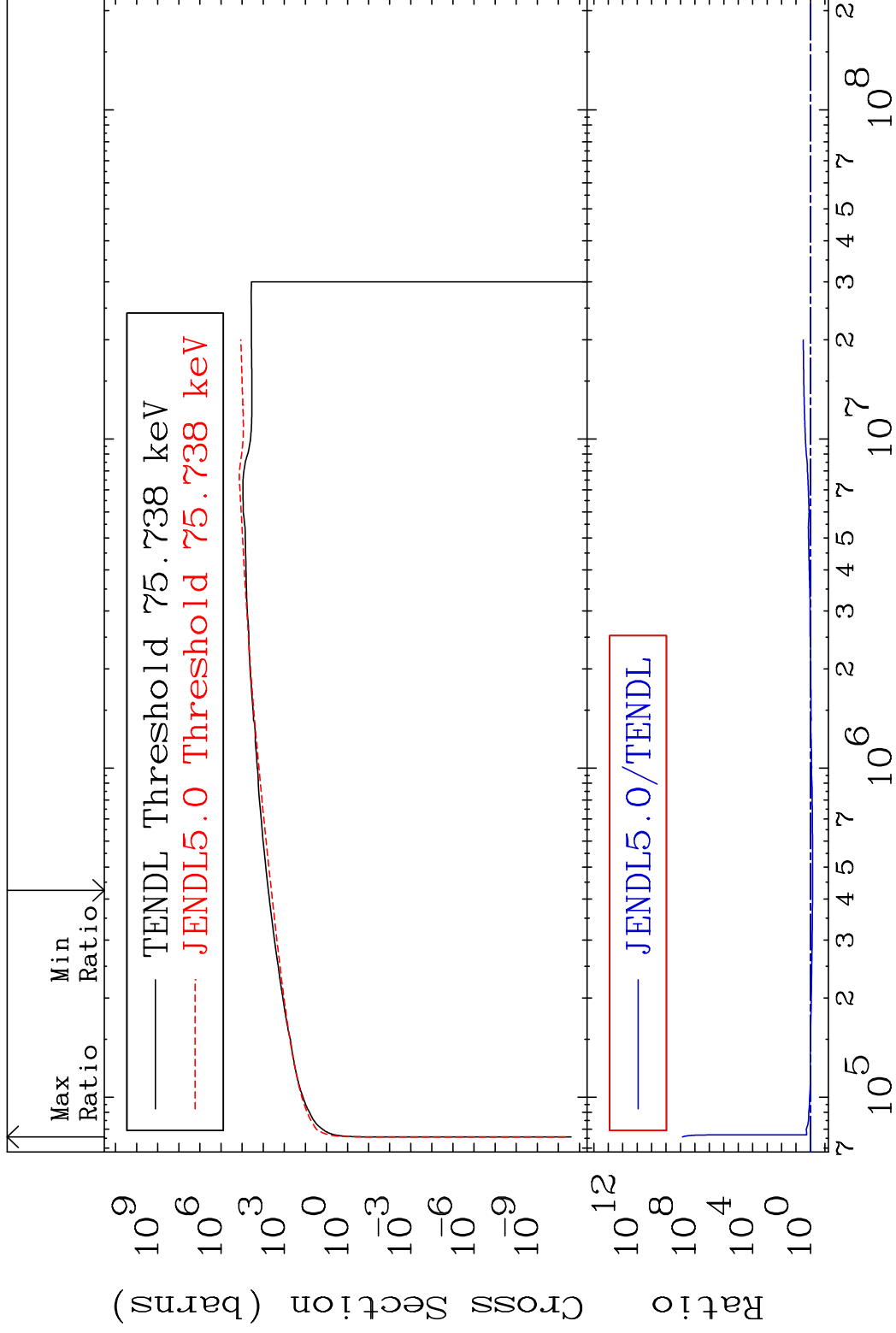
Incident Energy (eV)

64-Gd-160

MAT 6449

Dpa inelastic (mt51-91) 64-Gd-160

Cross Section -28.22 To 9999. %



60

Incident Energy (eV)

64-Gd-160

MAT 6449 Dpa disappearance (mt102 -120) 64-Gd-160
 Cross Section -99.65 To 9999. %

