

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

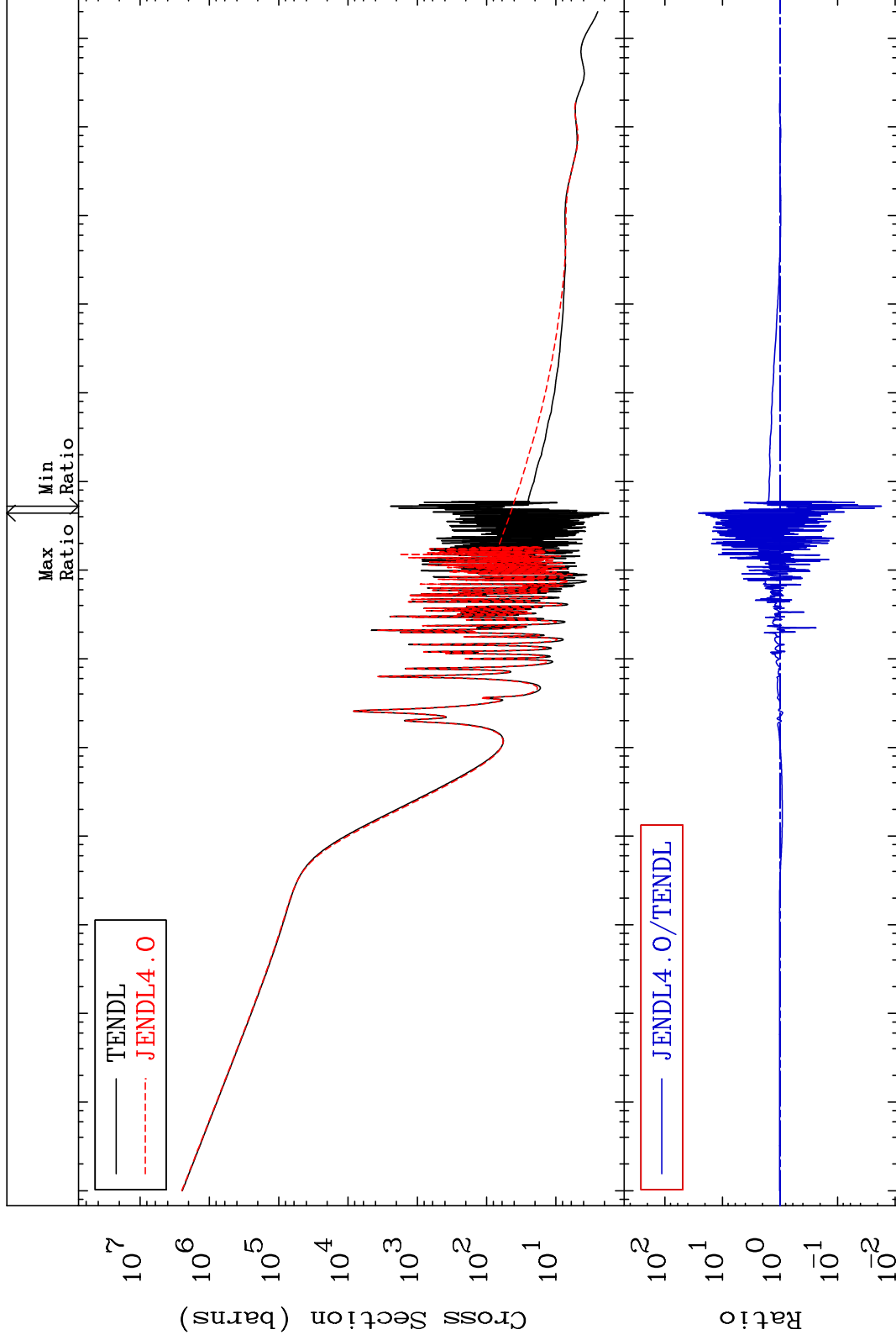
MAT 6434

Total

64-Gd-155

Cross Section

-98.28 To 2516. %



Incident Energy (eV)

64-Gd-155

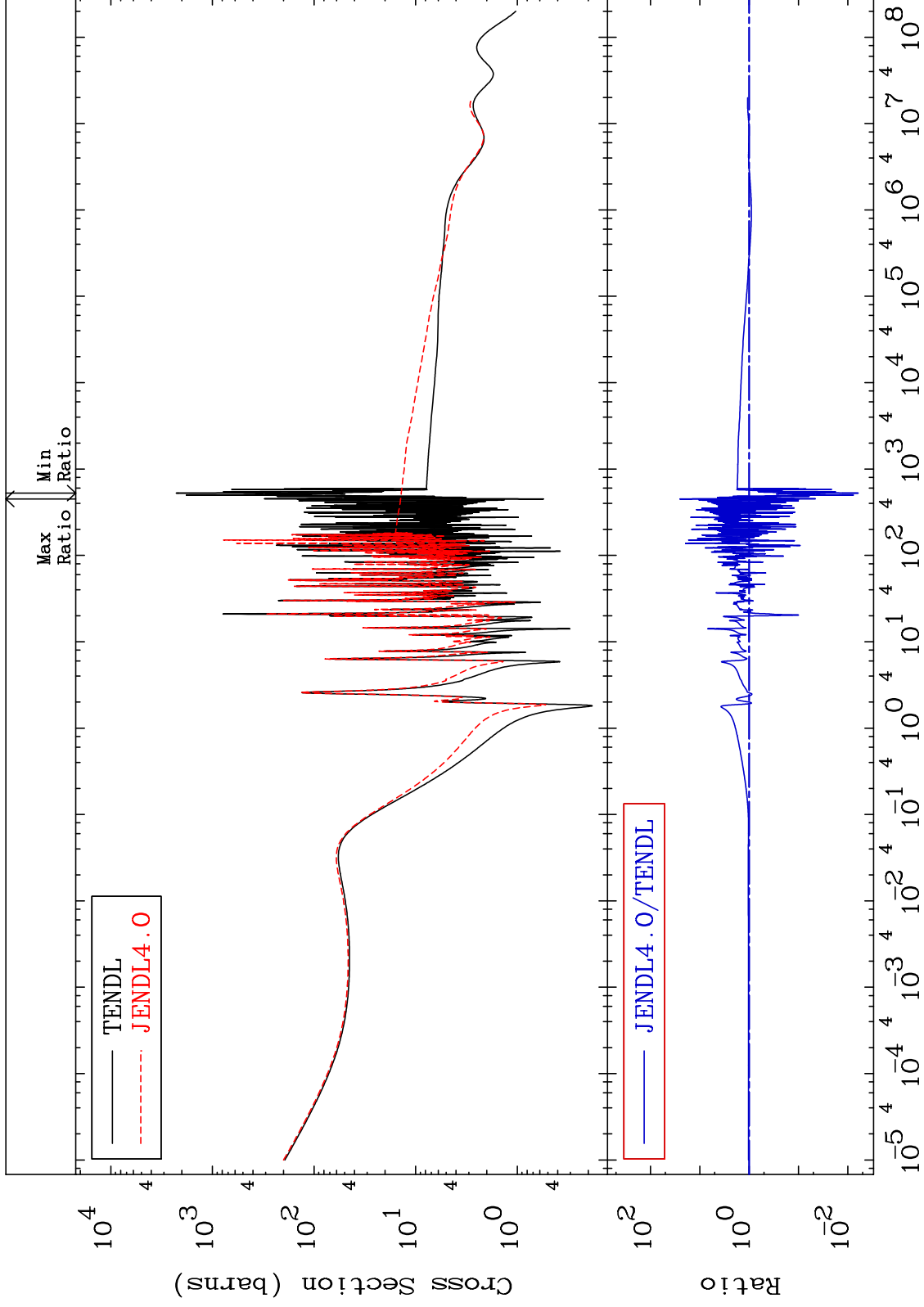
MAT 6434

Elastic

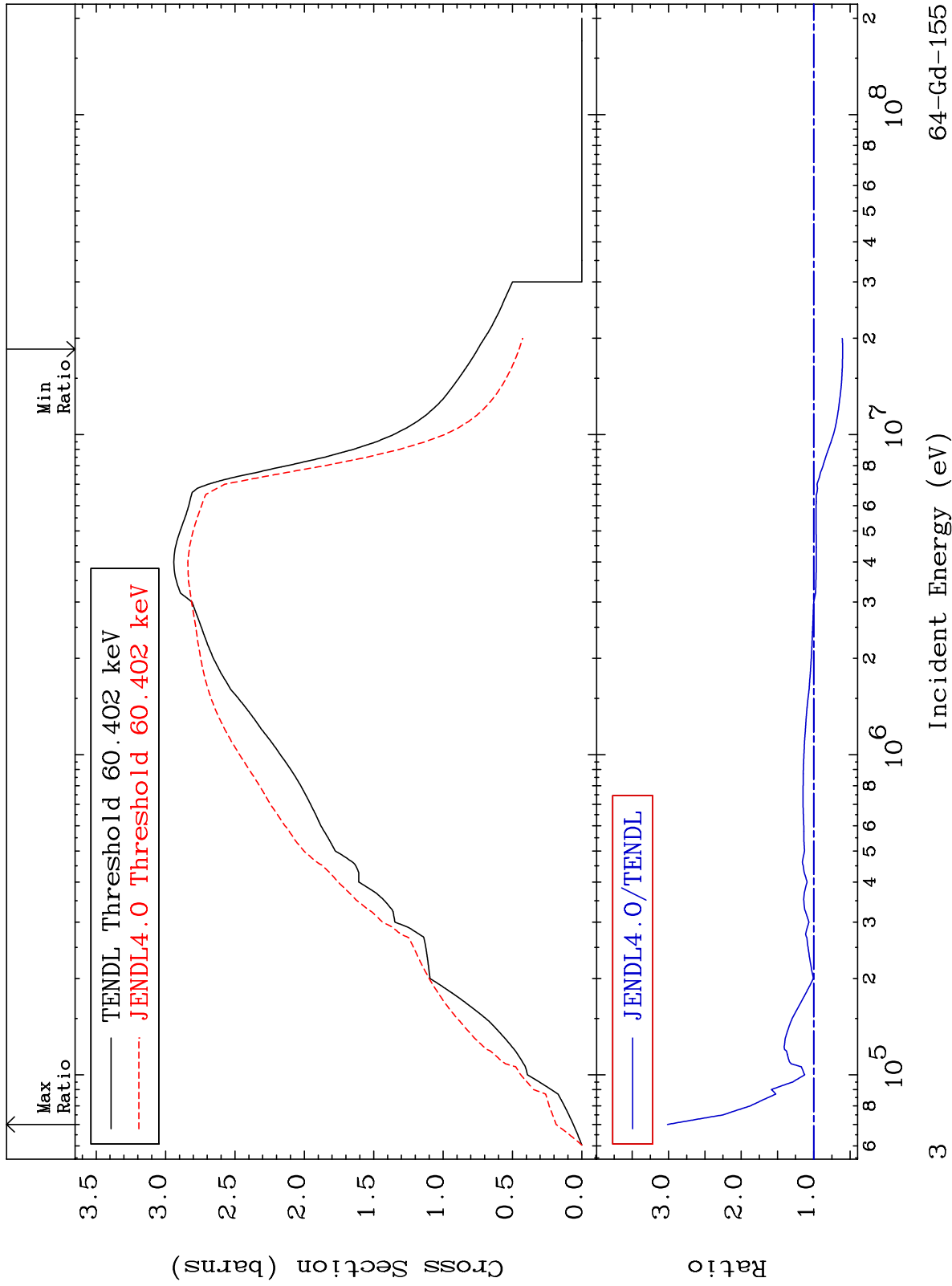
64-Gd-155

Cross Section

-99.39 To 2452. %



MAT 6434 Inelastic Cross Section 64-Gd-155 -39.79 To 201.4 %



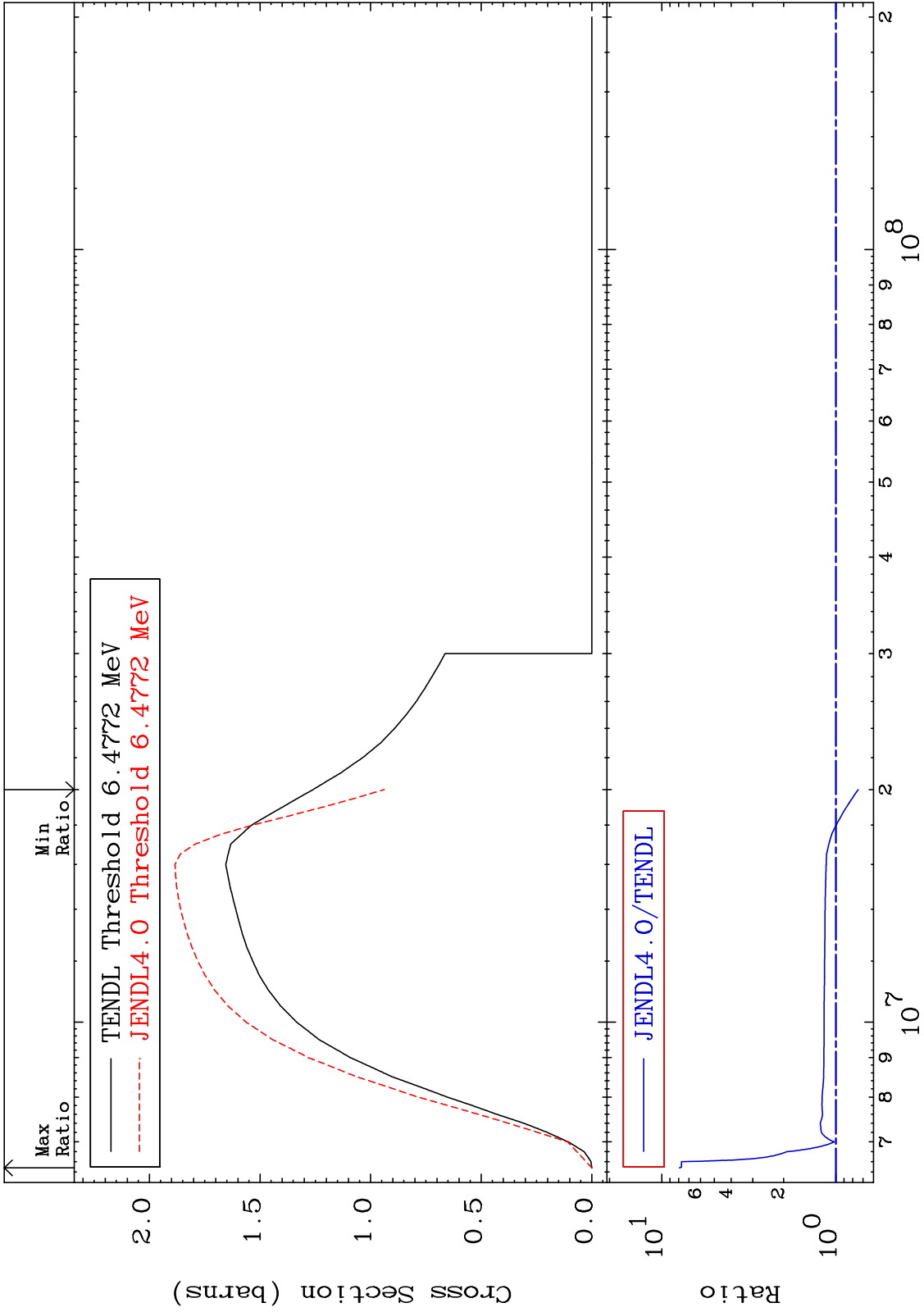
MAT 6434

(n,2n)

64-Gd-155

Cross Section

-25.53 To 693.2 %



MAT 6434

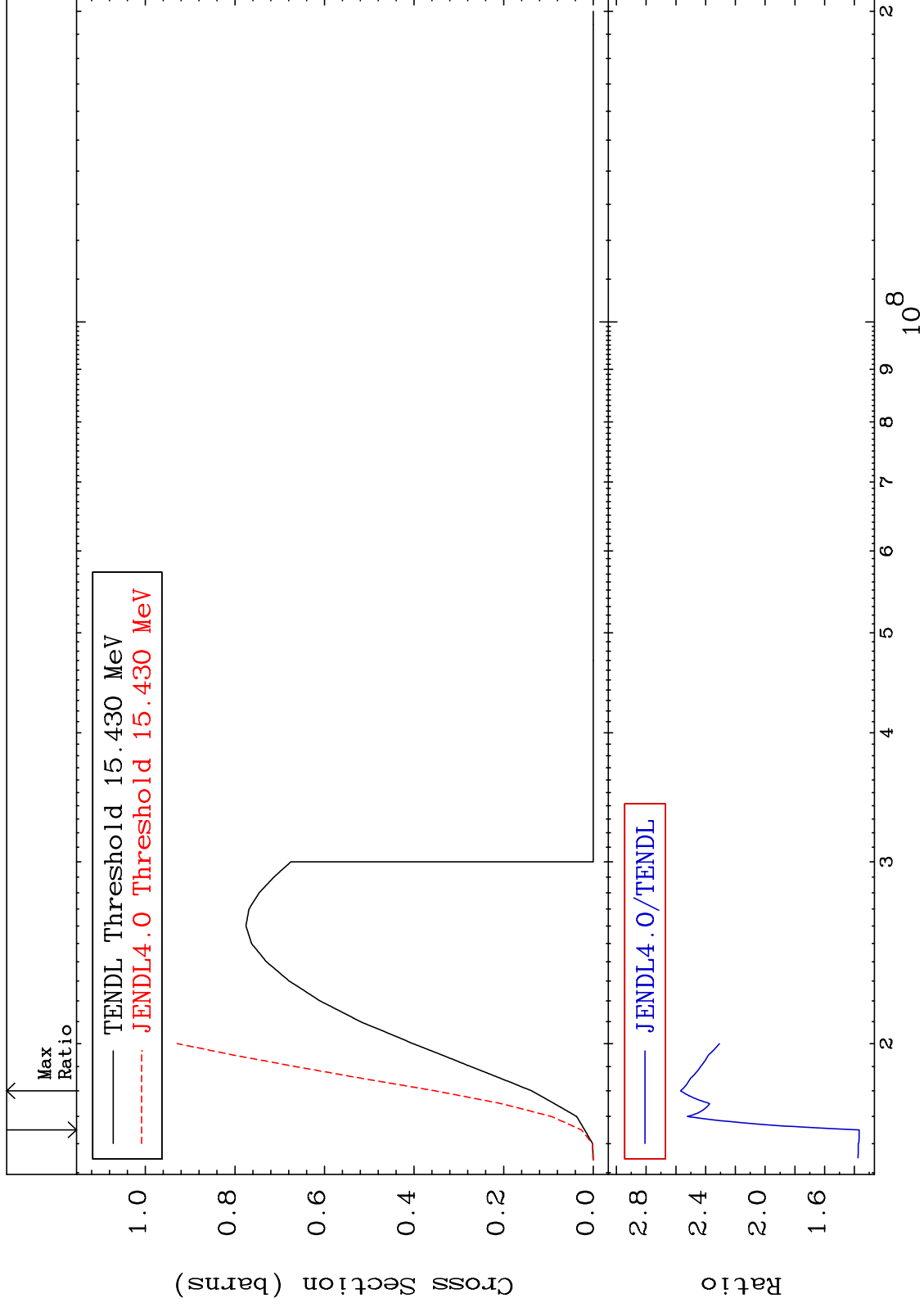
(n,3n)

64-Gd-155

Cross Section

36.78

To 156.8 %



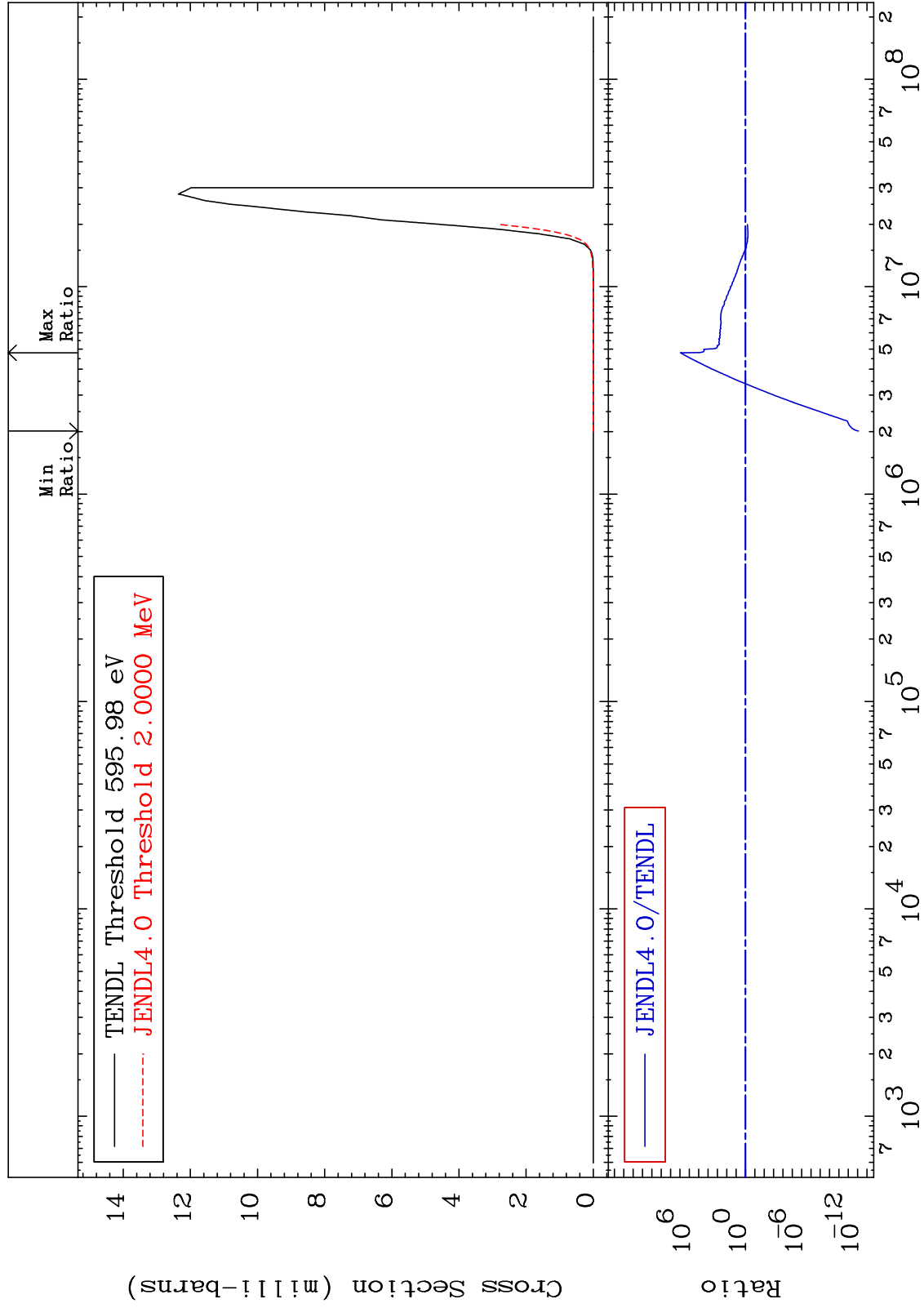
MAT 6434

(n,n') α

64-Gd-155

Cross Section

-100.0 To 9999. %



6

Incident Energy (eV)

64-Gd-155

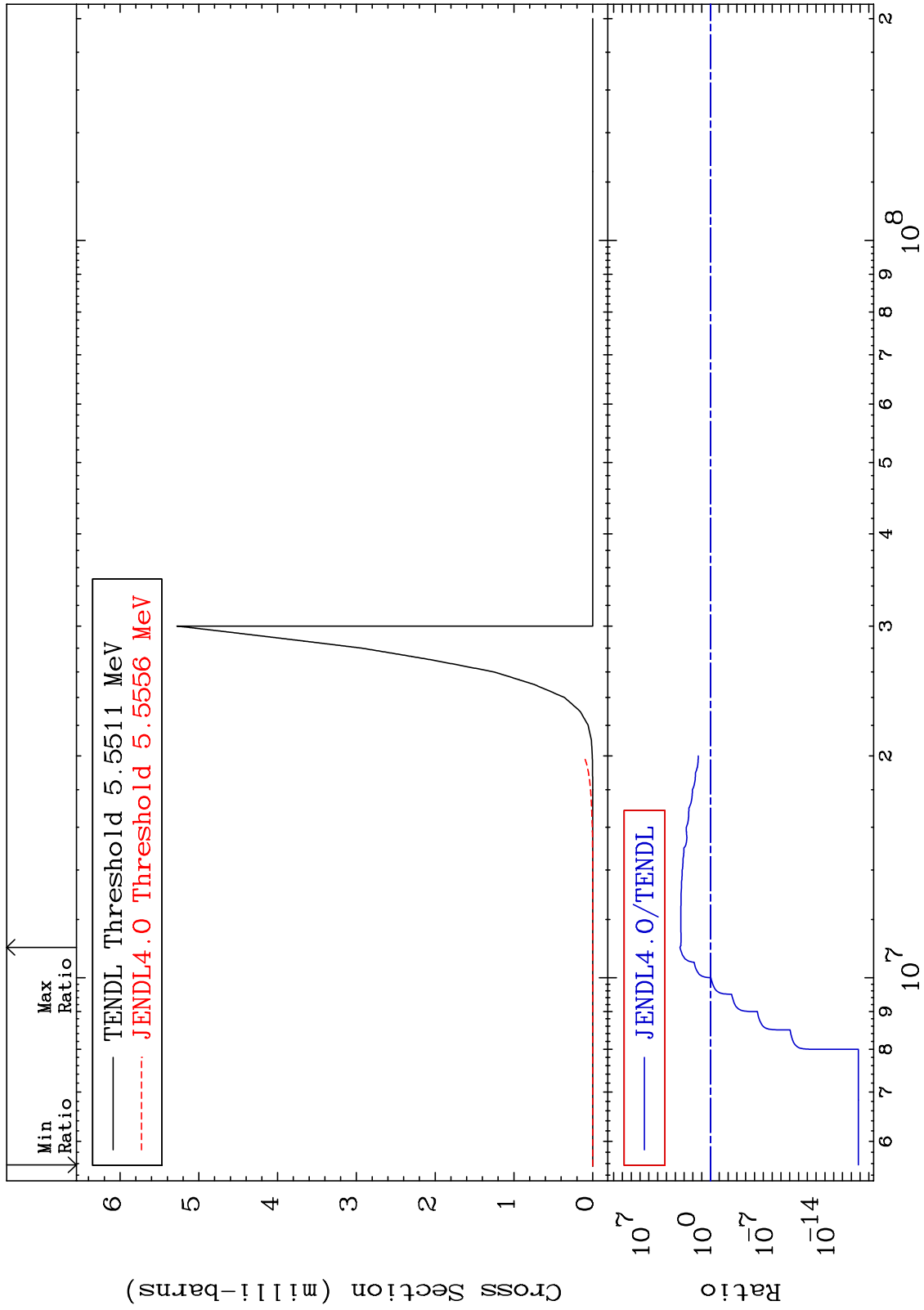
MAT 6434

(n,2n) α

64-Gd-155

-100.0 To 9999. %

Cross Section



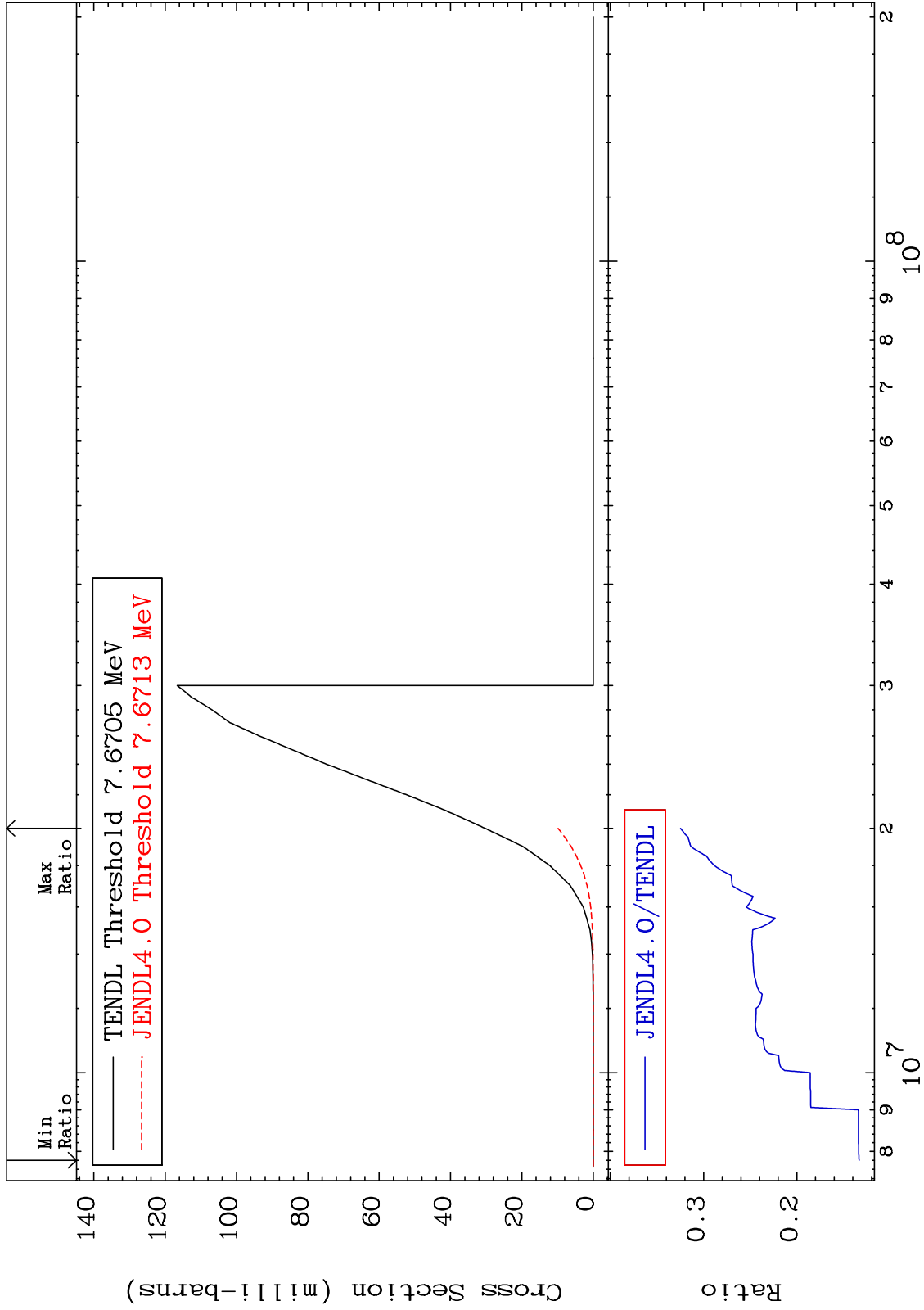
MAT 6434

(n,n') p

64-Gd-155

Cross Section

-86.68 To -67.54%



8

Incident Energy (eV)

64-Gd-155

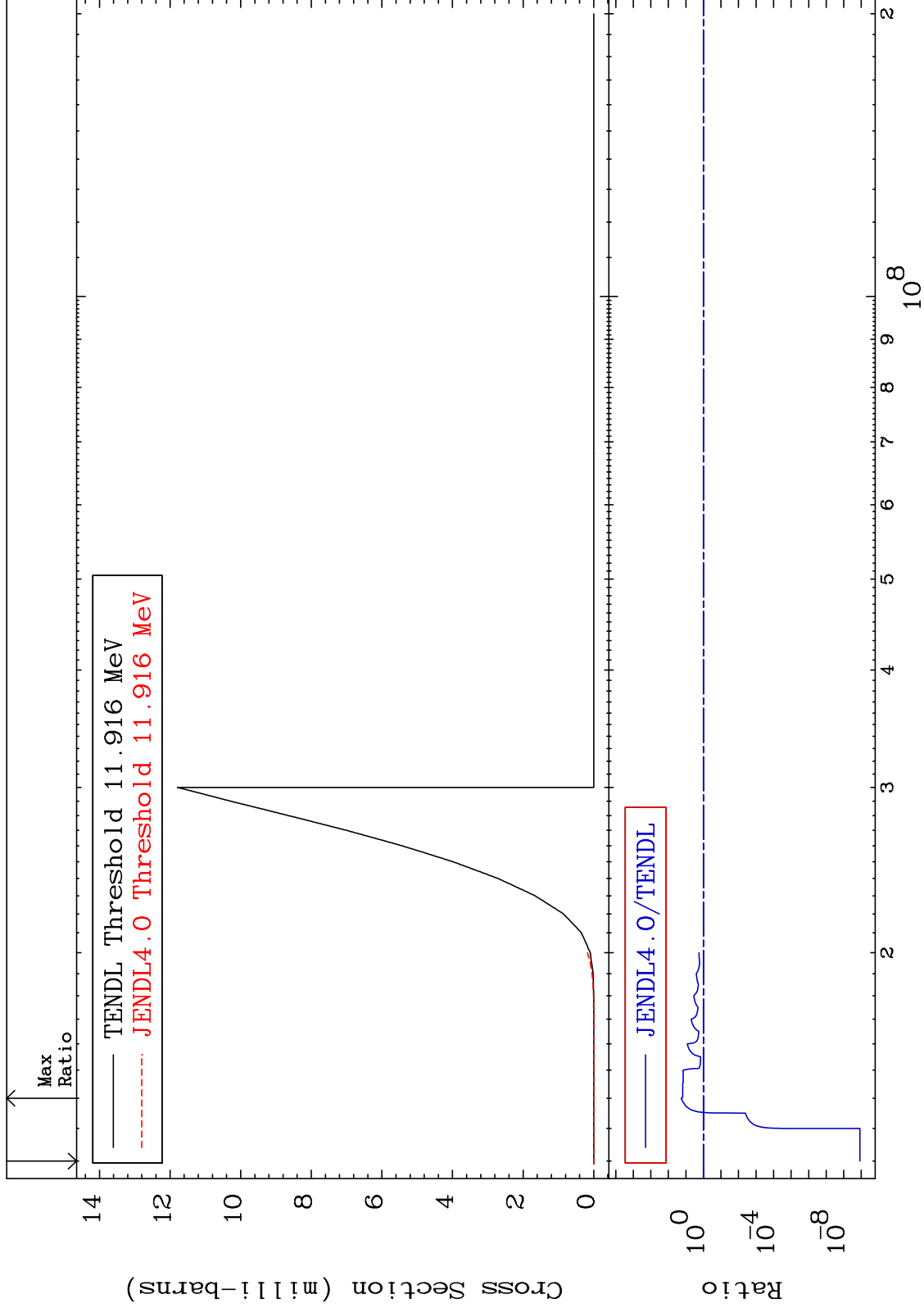
MAT 6434

(n,n') d

64-Gd-155

Cross Section

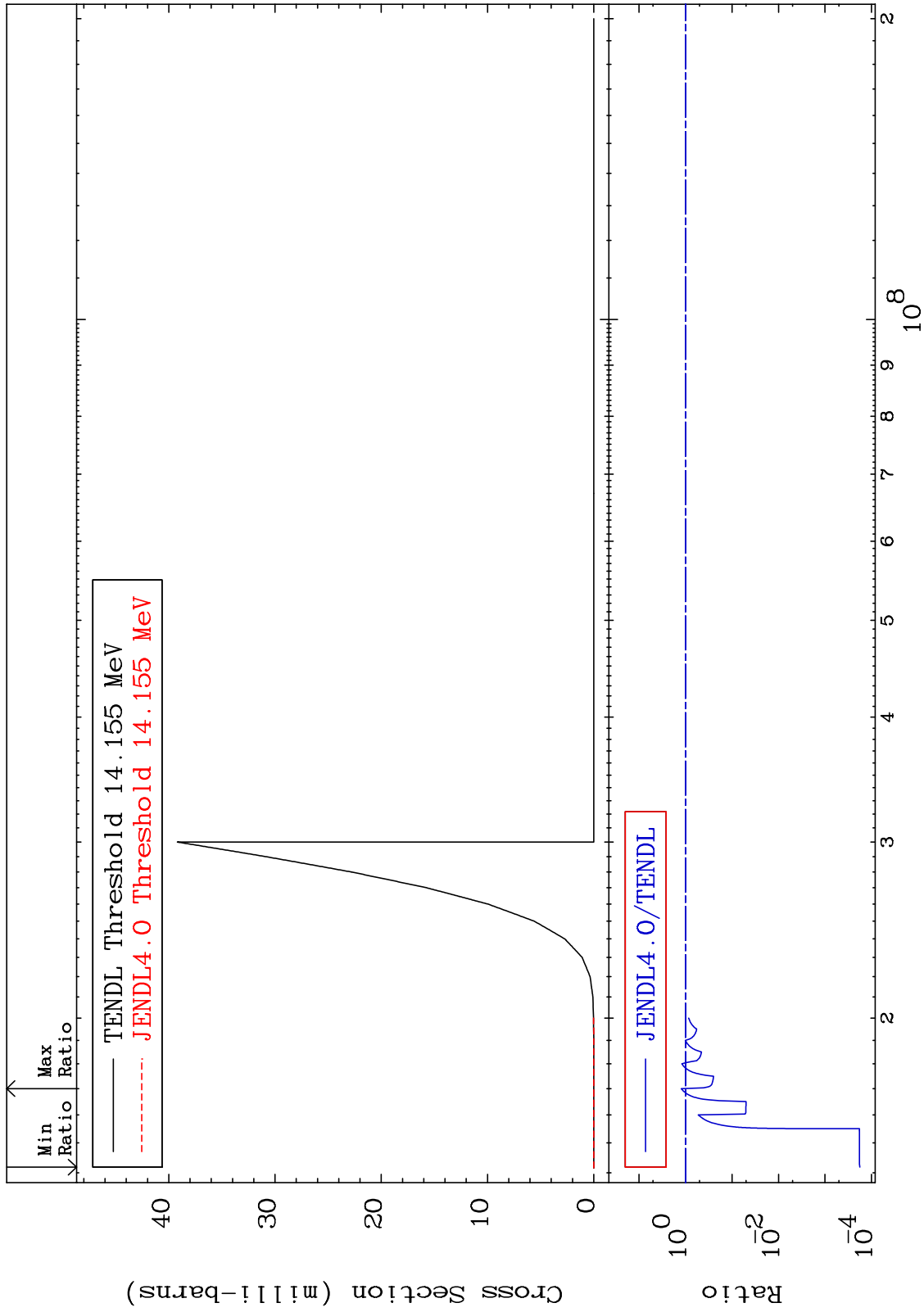
-100.0 To 1746. %



MAT 6434

(n,2n) p
Cross Section

64-Gd-155
-99.98 To 23.68 %



10

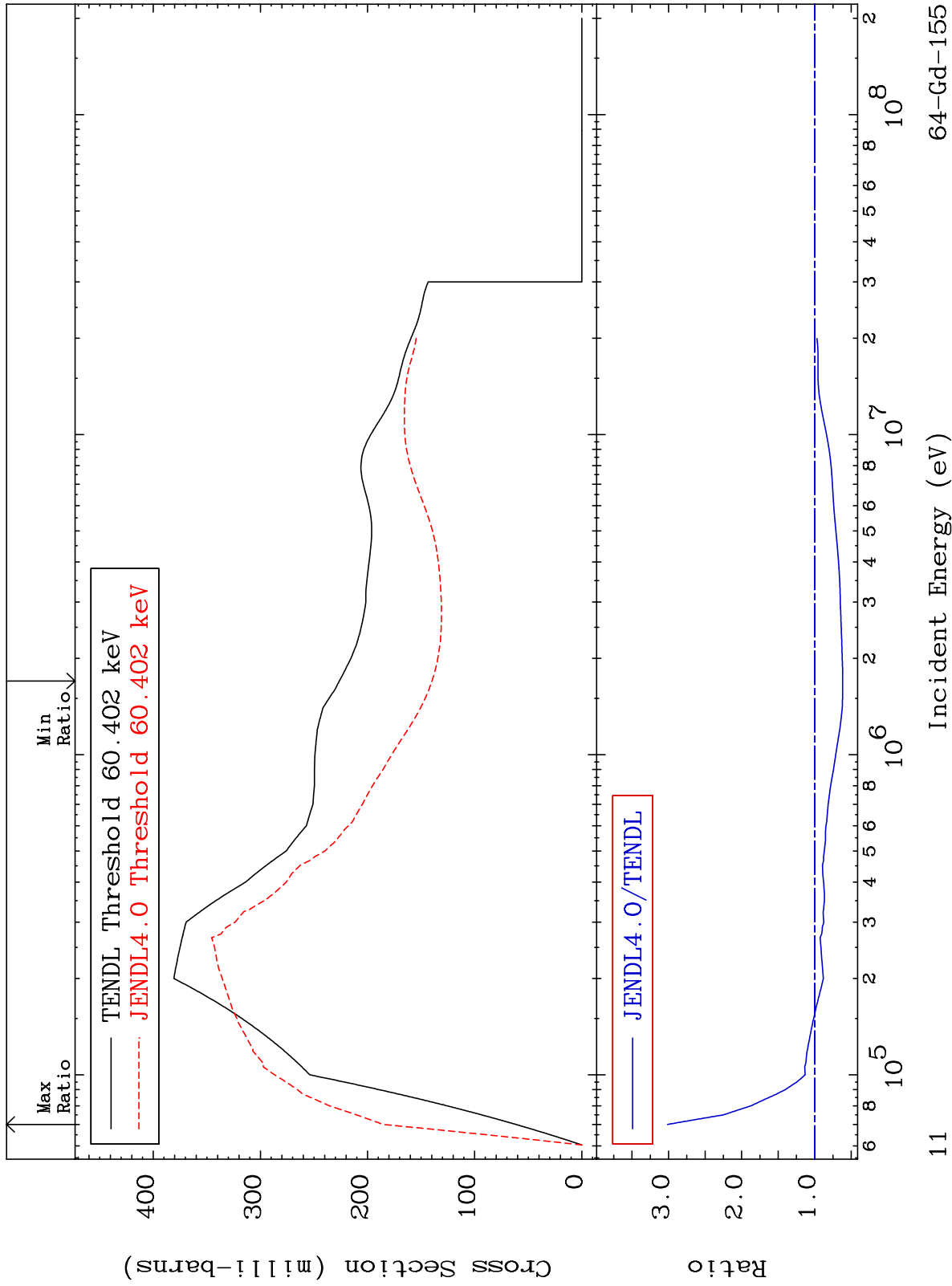
Incident Energy (eV)

64-Gd-155

MAT 6434

MT= 51 (n,n') Level
Cross Section

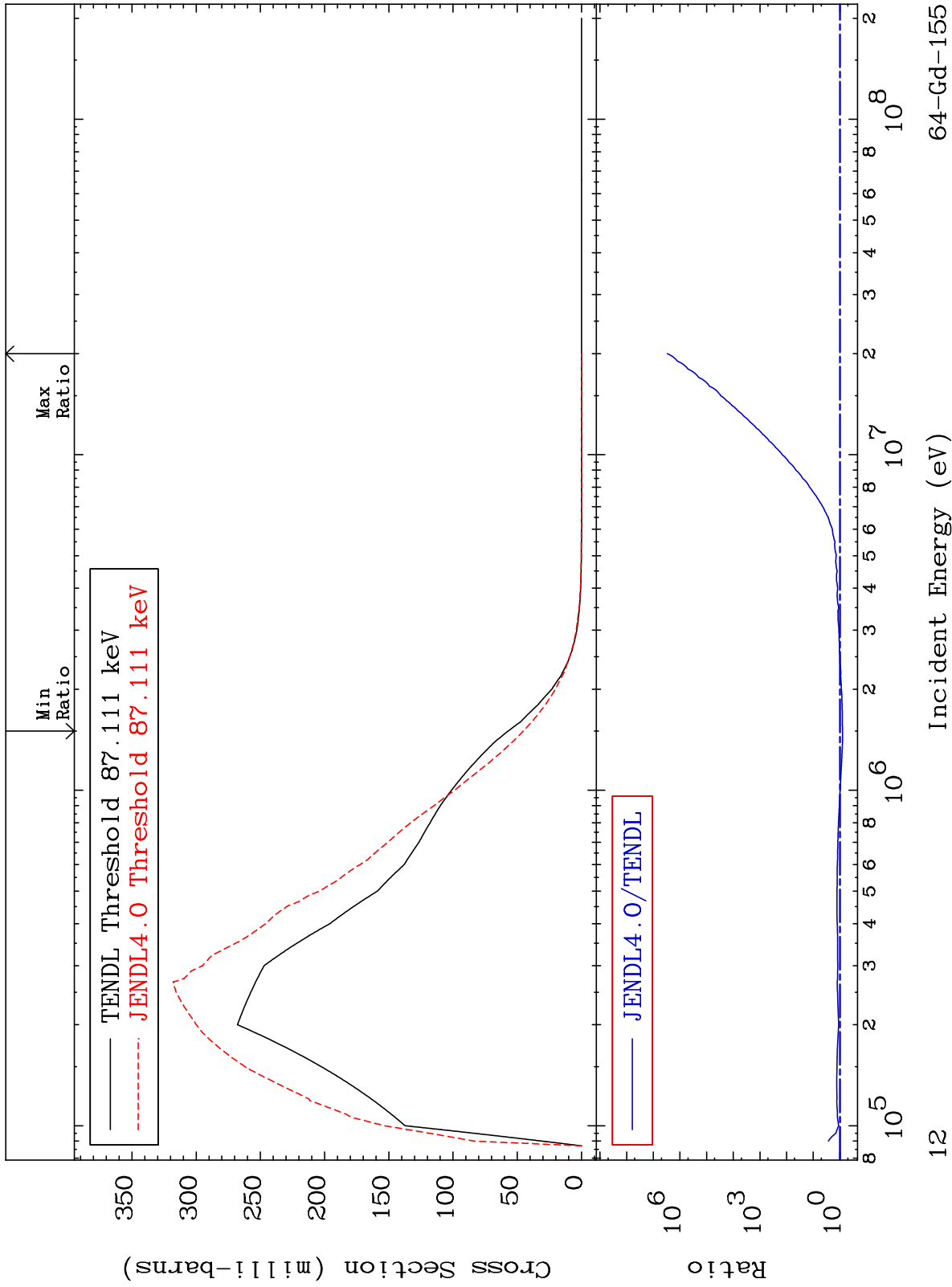
64-Gd-155
-38.22 To 201.4 %



MAT 6434

MT= 52 (n,n') Level
Cross Section

64-Gd-155
-20.76 To 9999. %

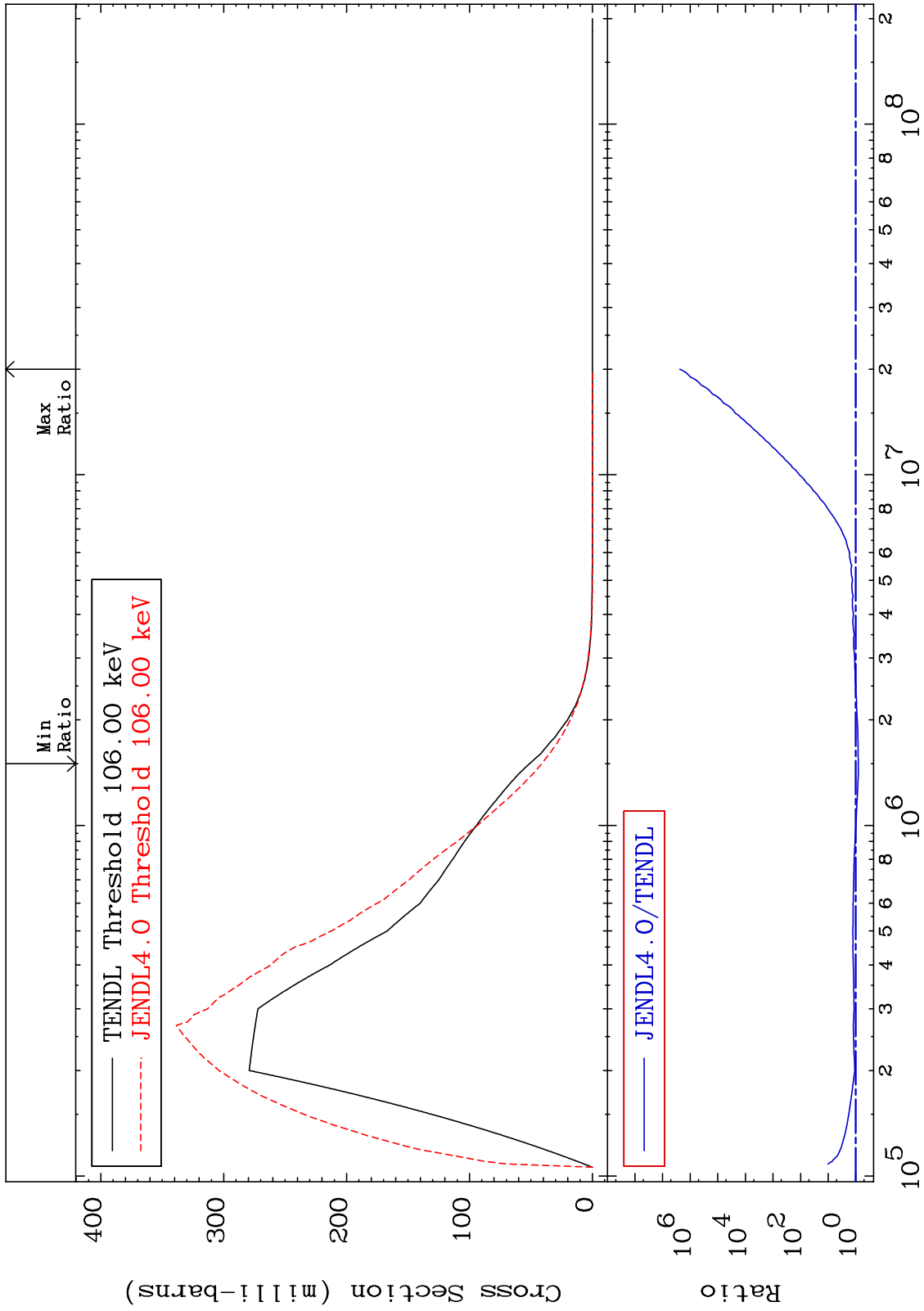


64-Gd-155

MAT 6434

MT= 53 (n,n') Level
Cross Section

64-Gd-155
-19.43 To 9999. %



Incident Energy (eV)

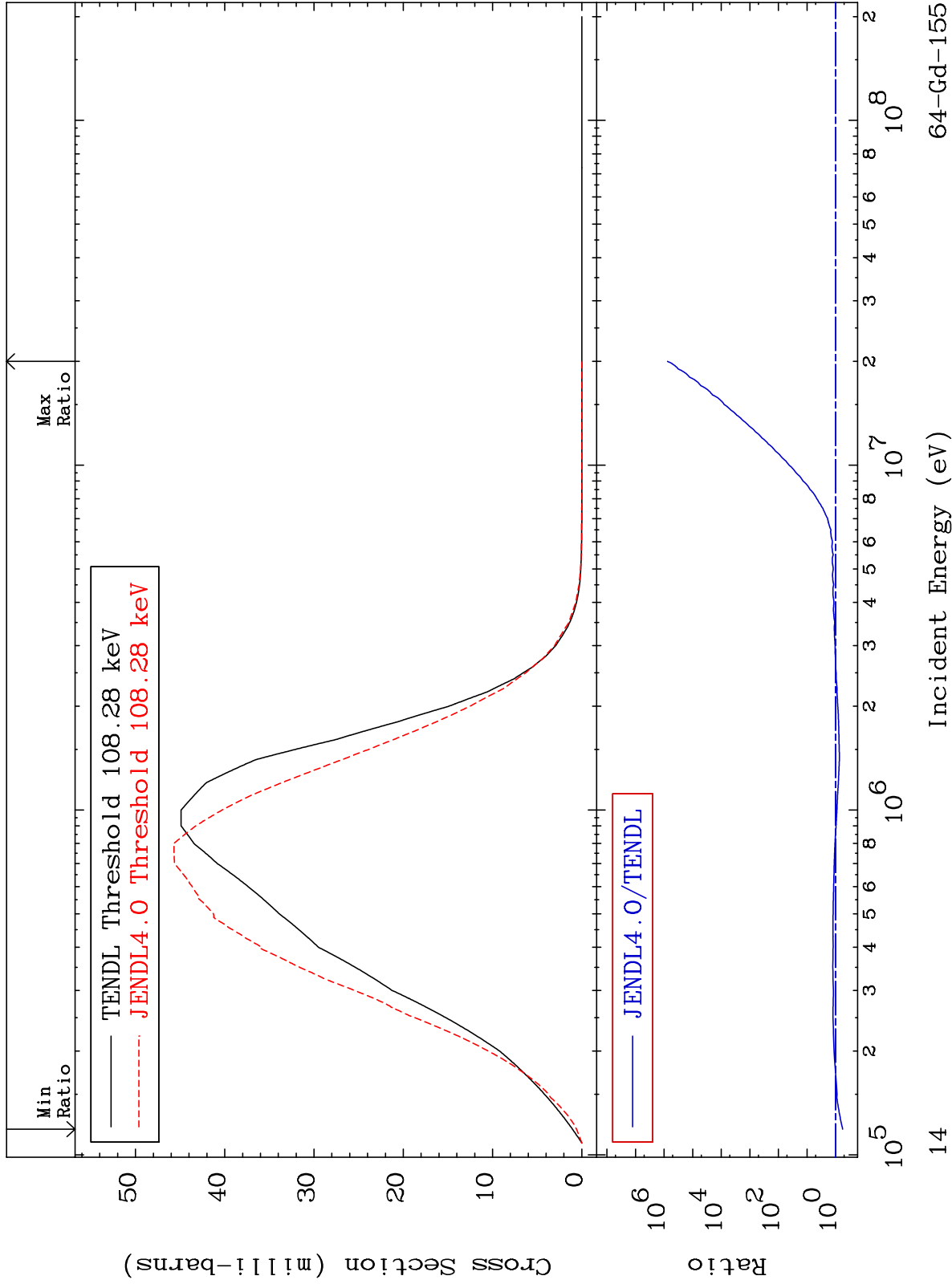
64-Gd-155

13

MAT 6434

MT= 54 (n,n') Level
Cross Section

64-Gd-155
-43.46 To 9999. %



14

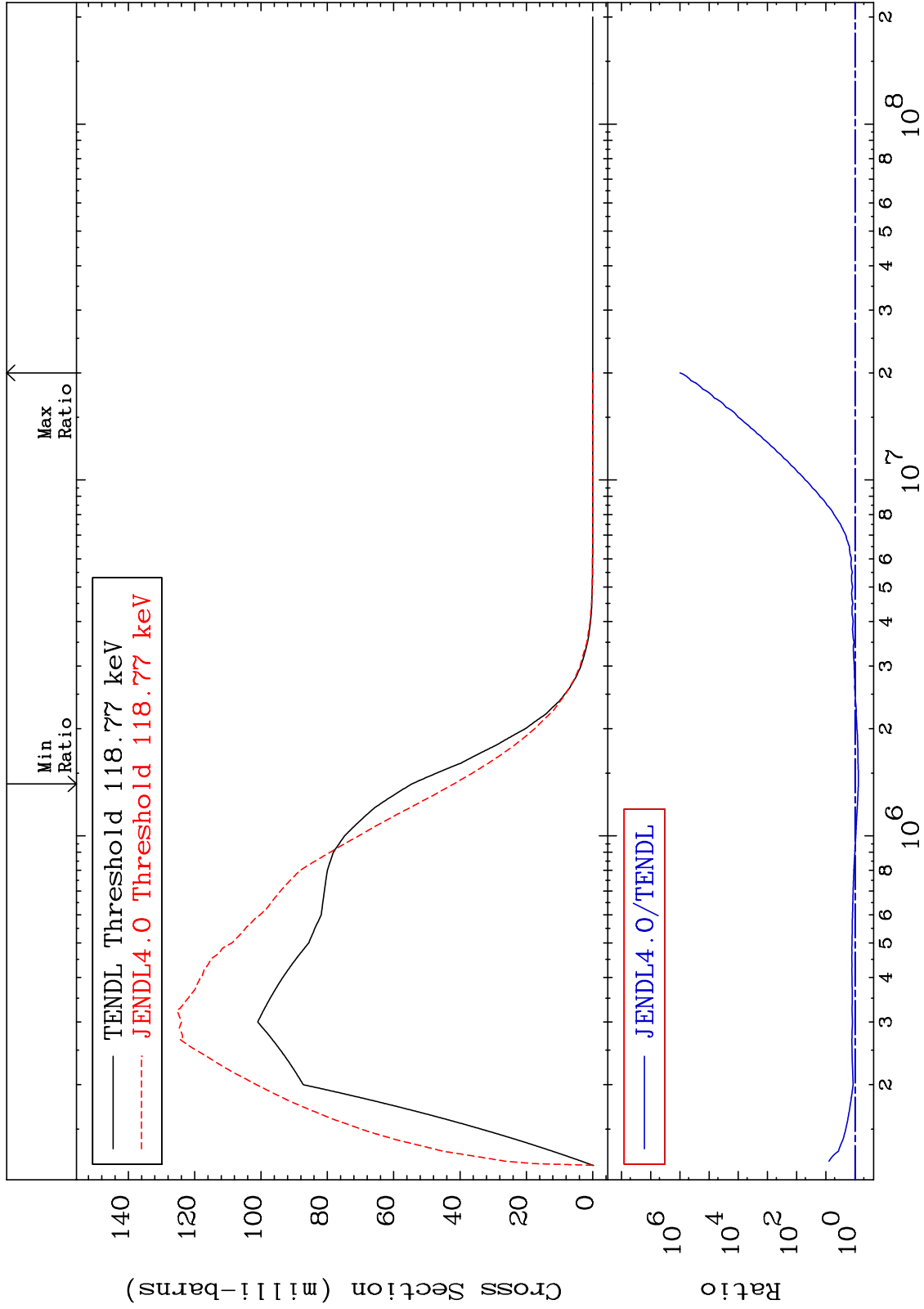
Incident Energy (eV)

64-Gd-155

MAT 6434

MT= 55 (n,n') Level
Cross Section

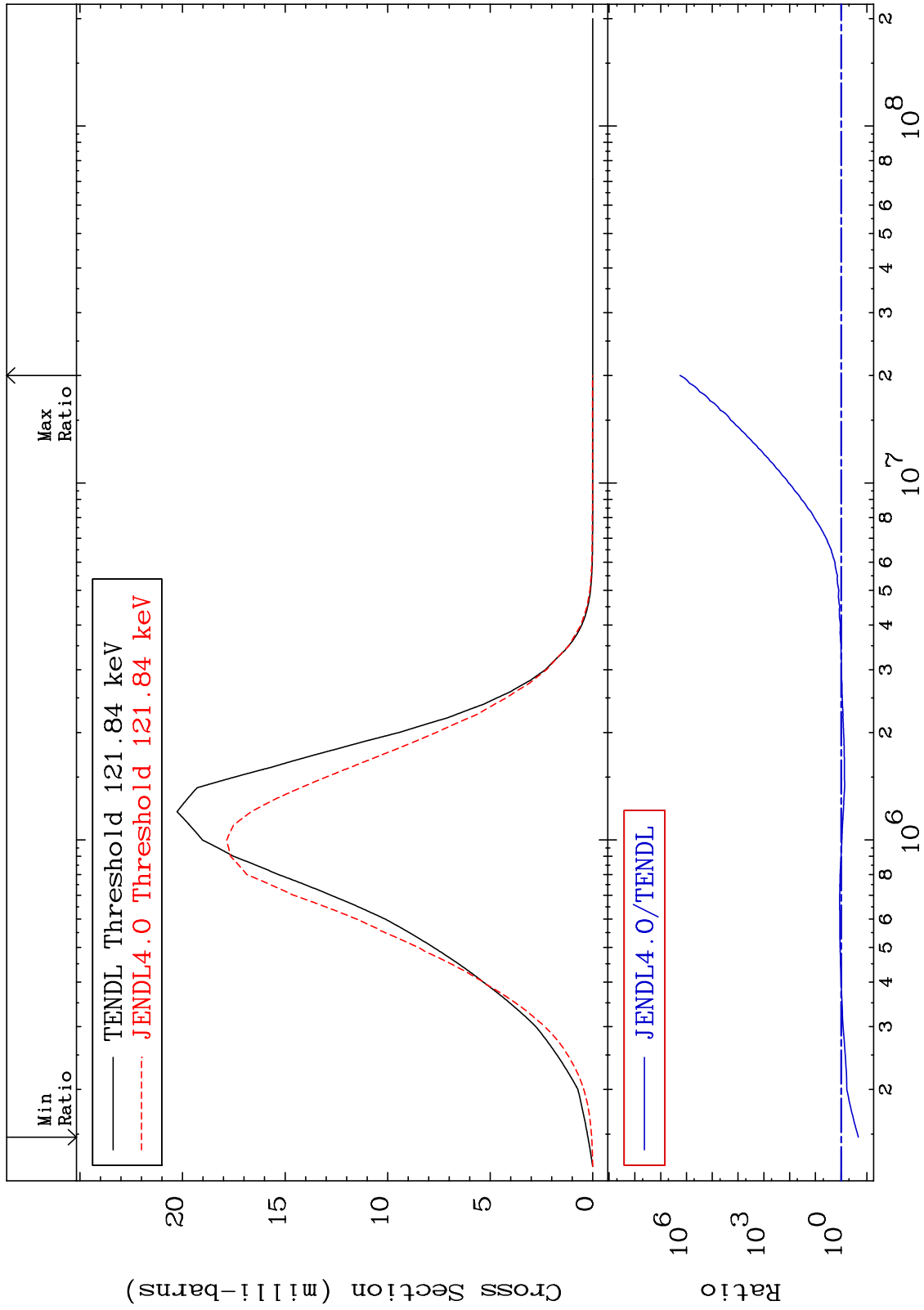
64-Gd-155
-23.29 To 9999. %



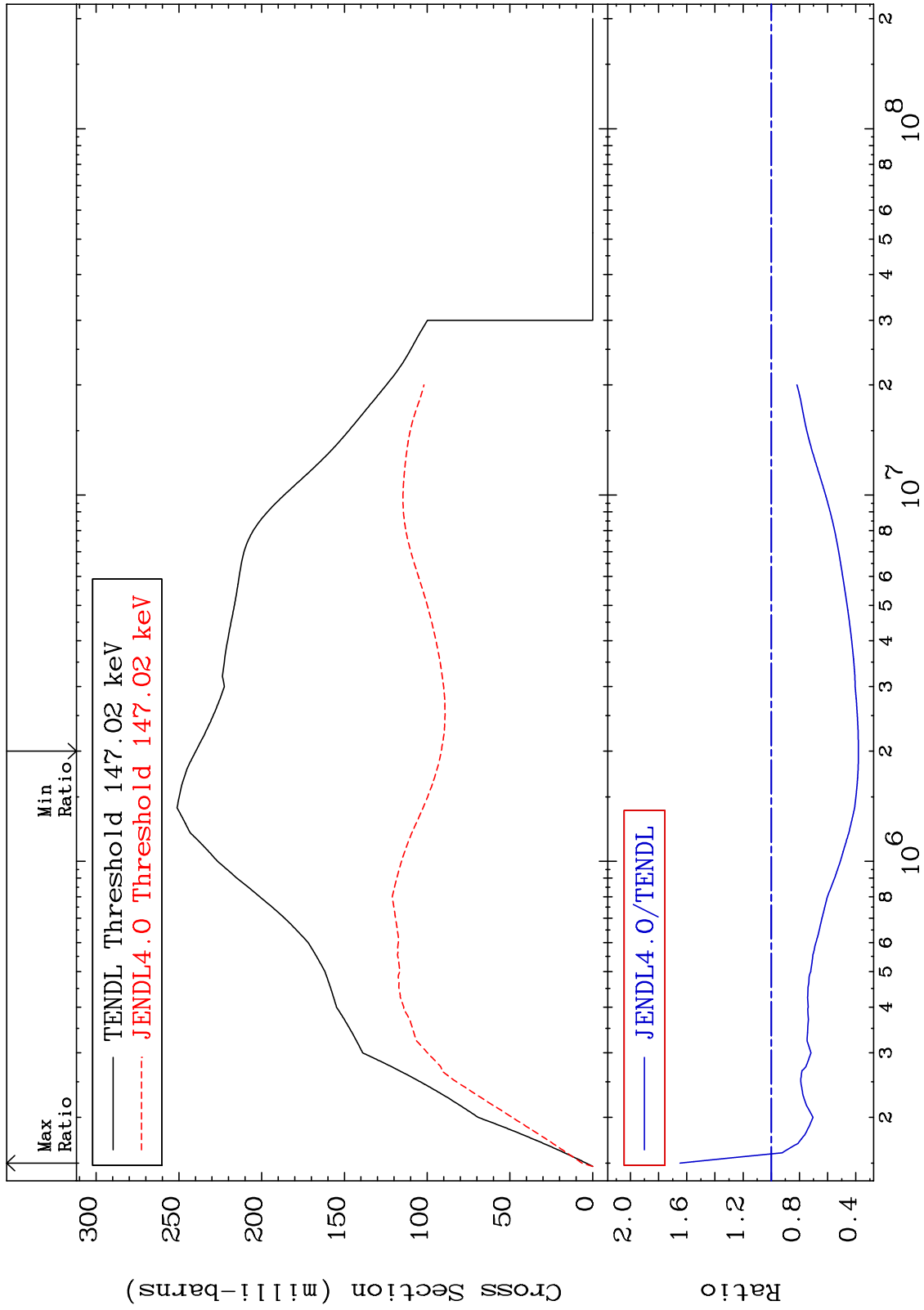
MAT 6434

MT= 56 (n,n') Level
Cross Section

64-Gd-155
-78.55 To 9999. %



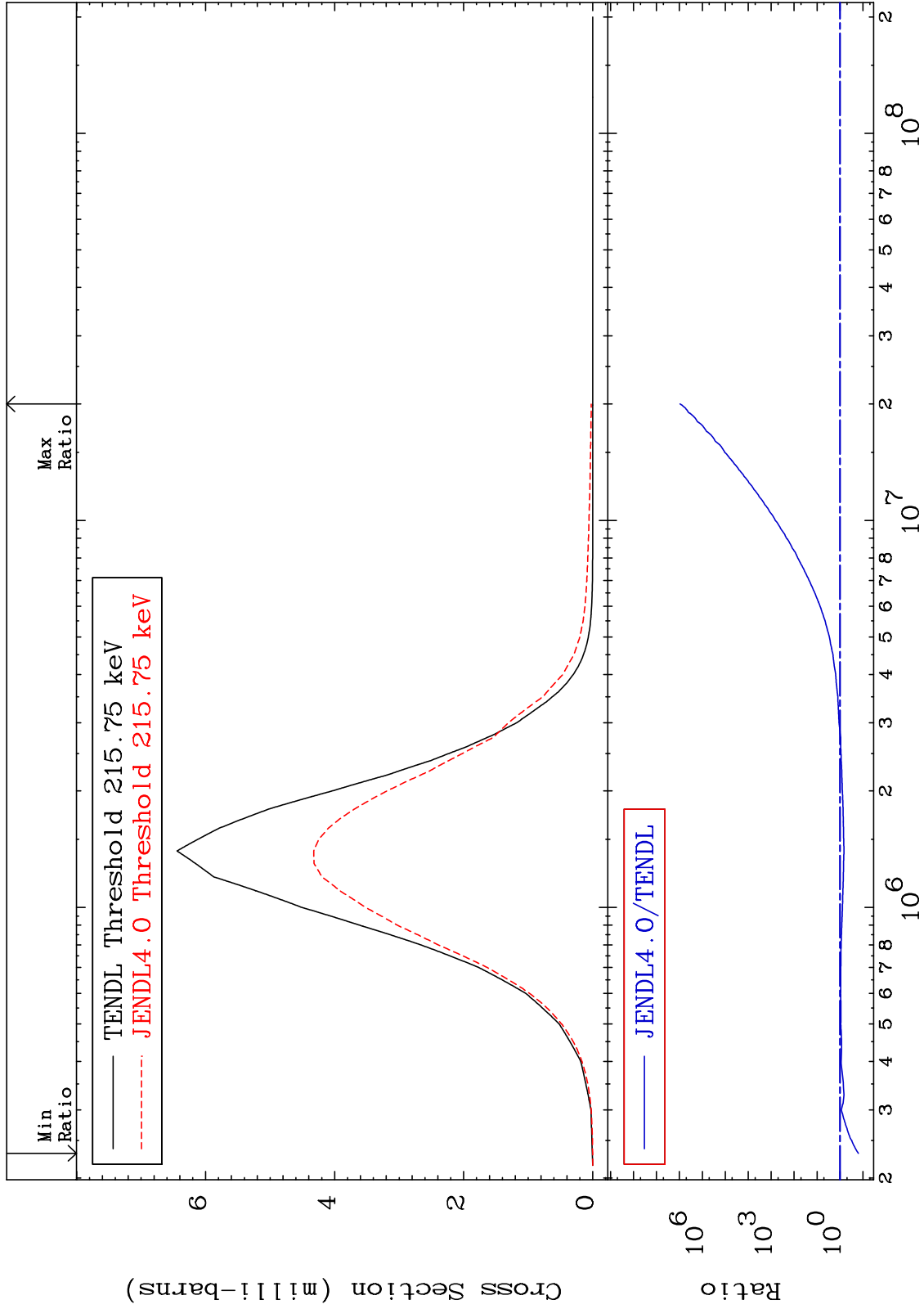
MAT 6434 MT= 57 (n,n') Level Cross Section 64-Gd-155 -61.86 To 64.78 %



MAT 6434

MT= 58 (n,n') Level
Cross Section

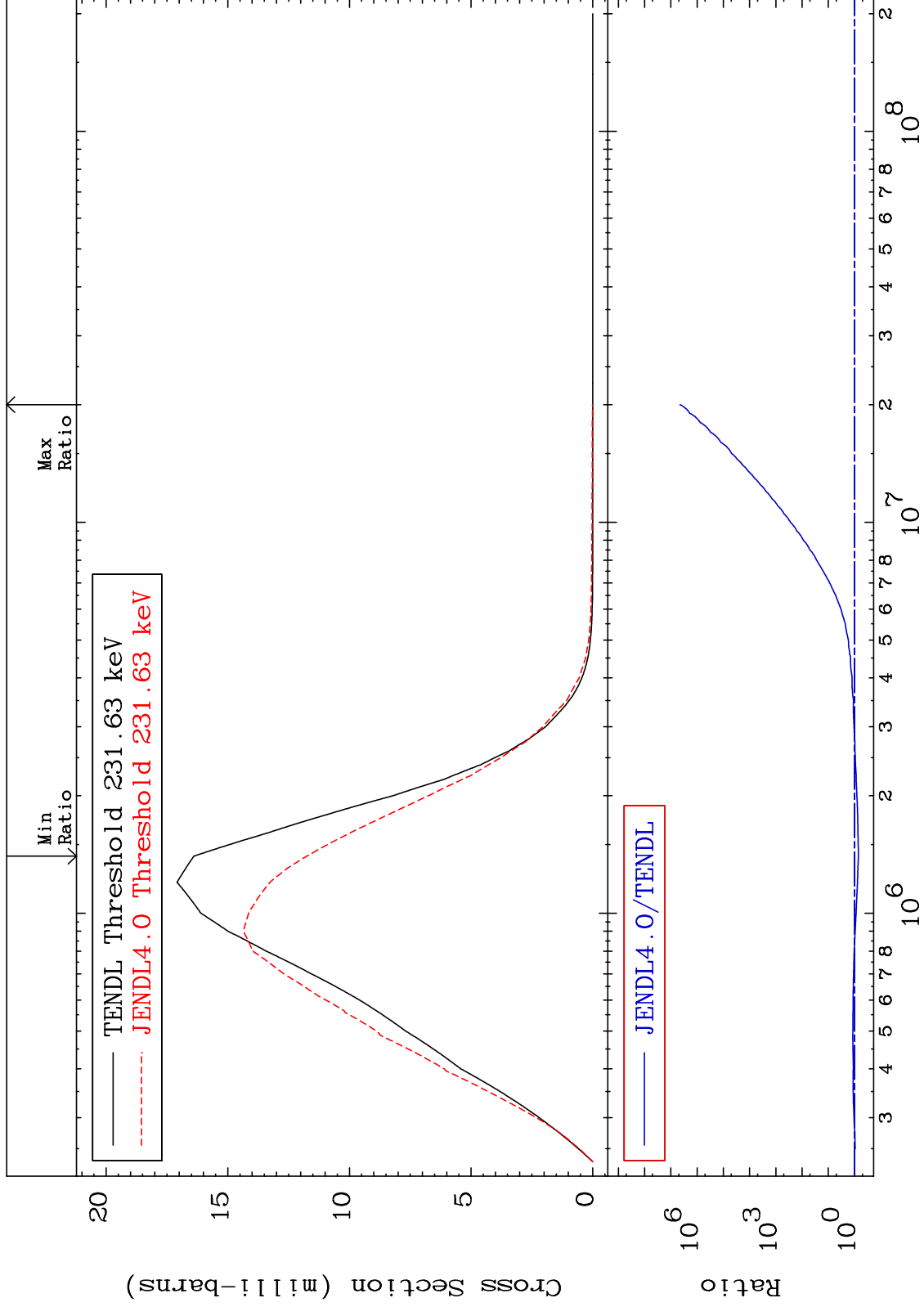
64-Gd-155
-84.22 To 9999. %



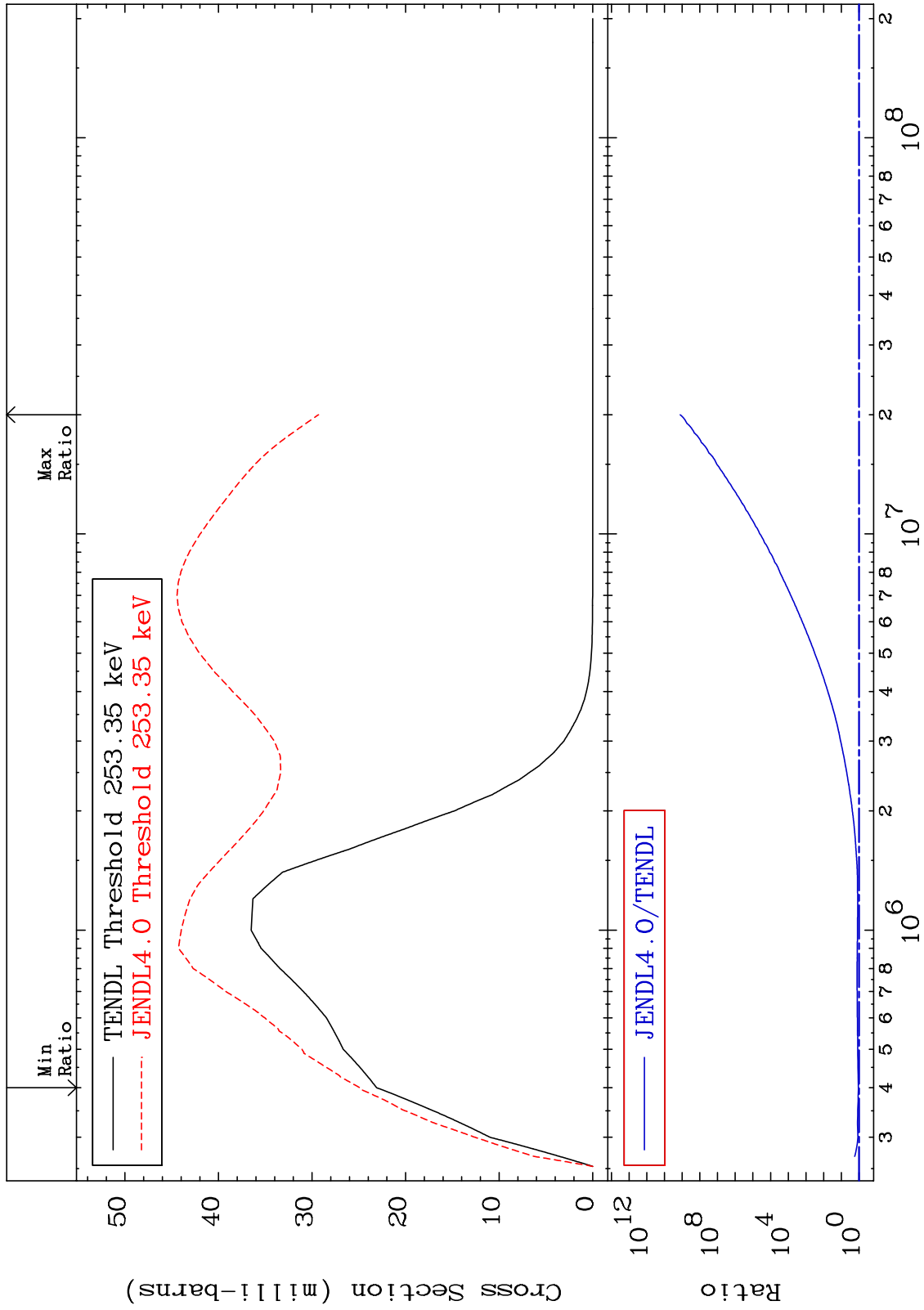
MAT 6434

MT= 59 (n,n') Level
Cross Section

64-Gd-155
-28.31 To 9999. %



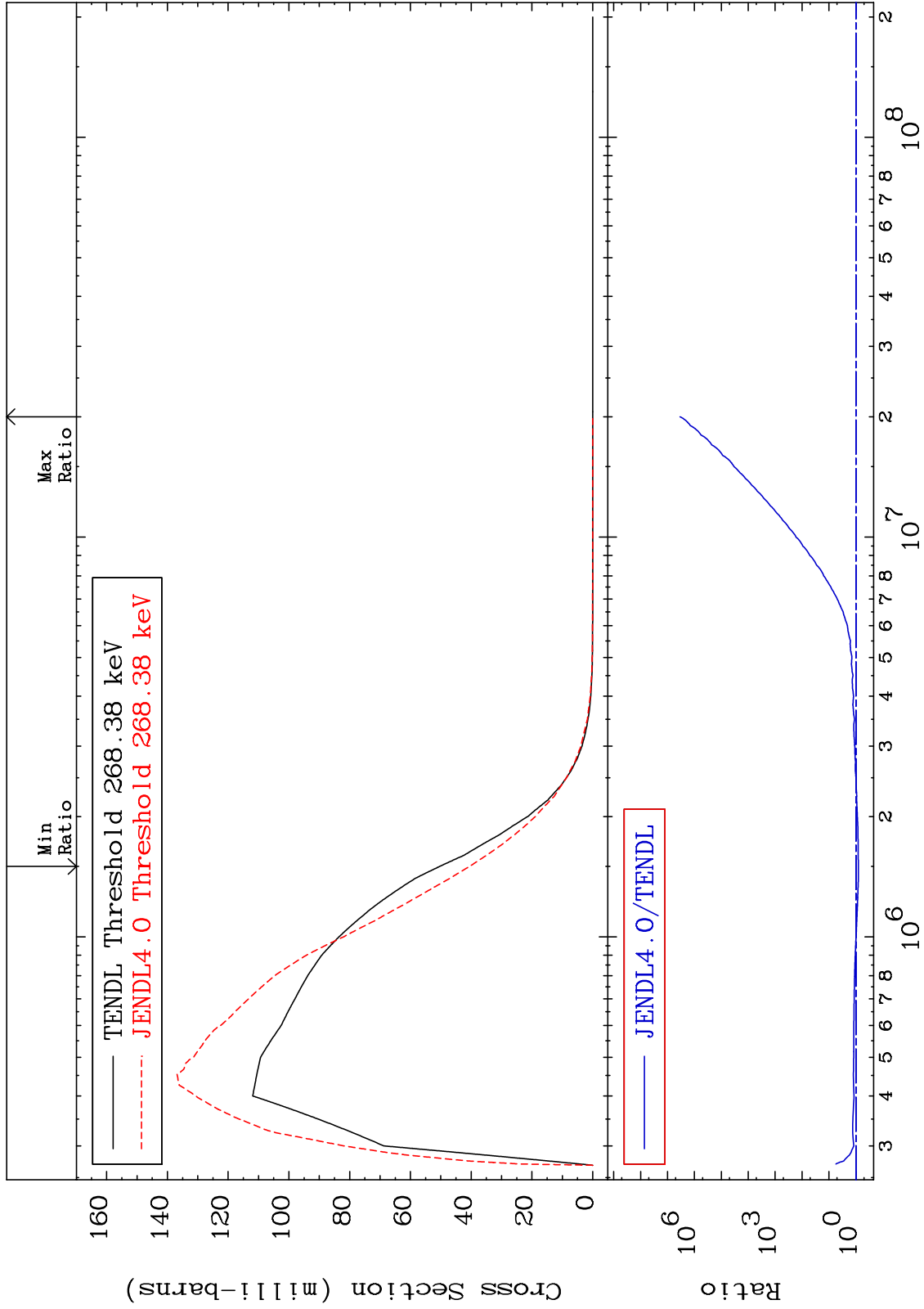
MAT 6434 MT= 60 (n,n') Level Cross Section 64-Gd-155 7.789 To 9999. %



MAT 6434

MT= 61 (n,n') Level
Cross Section

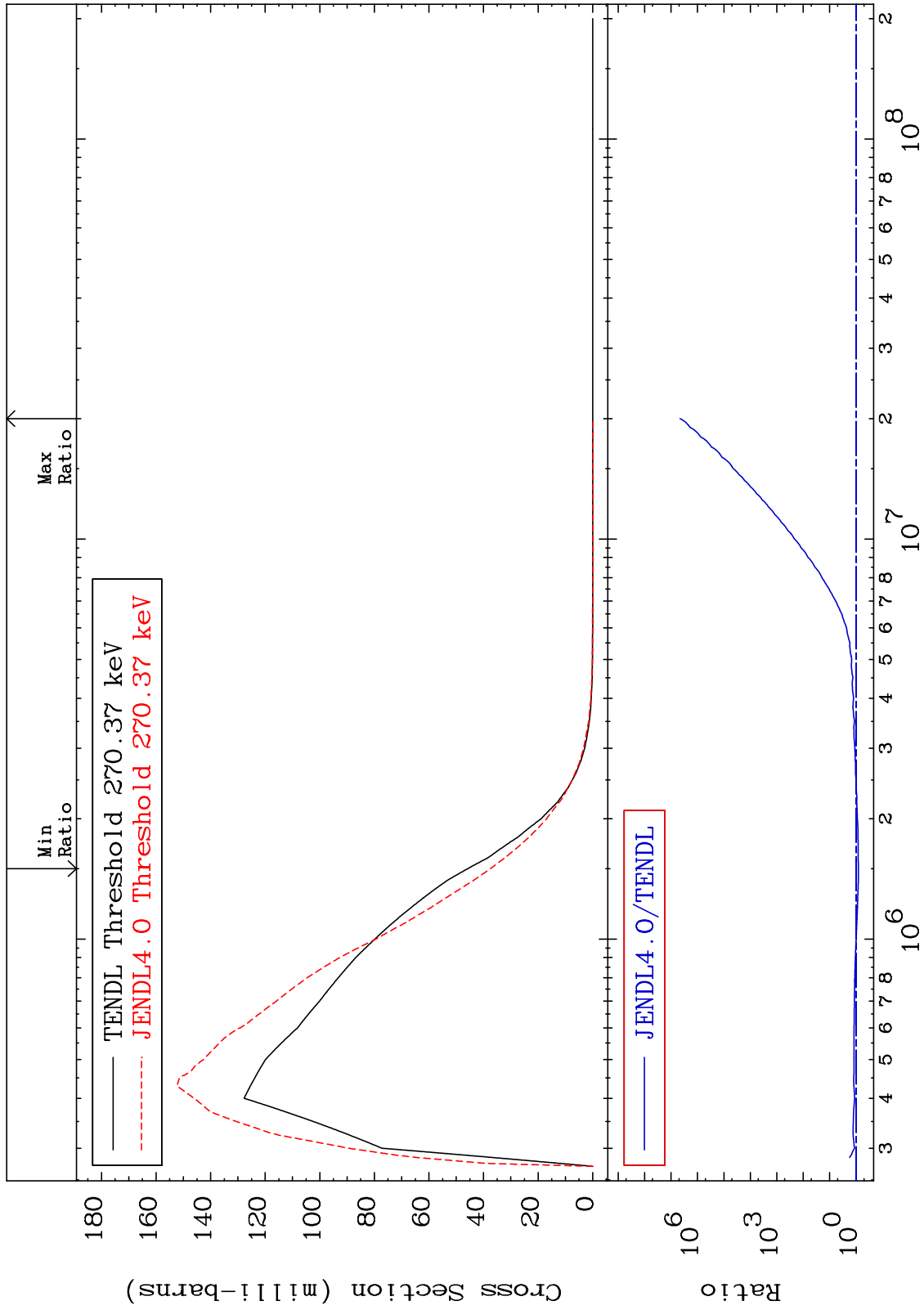
64-Gd-155
-19.53 To 9999. %



MAT 6434

MT= 62 (n,n') Level
Cross Section

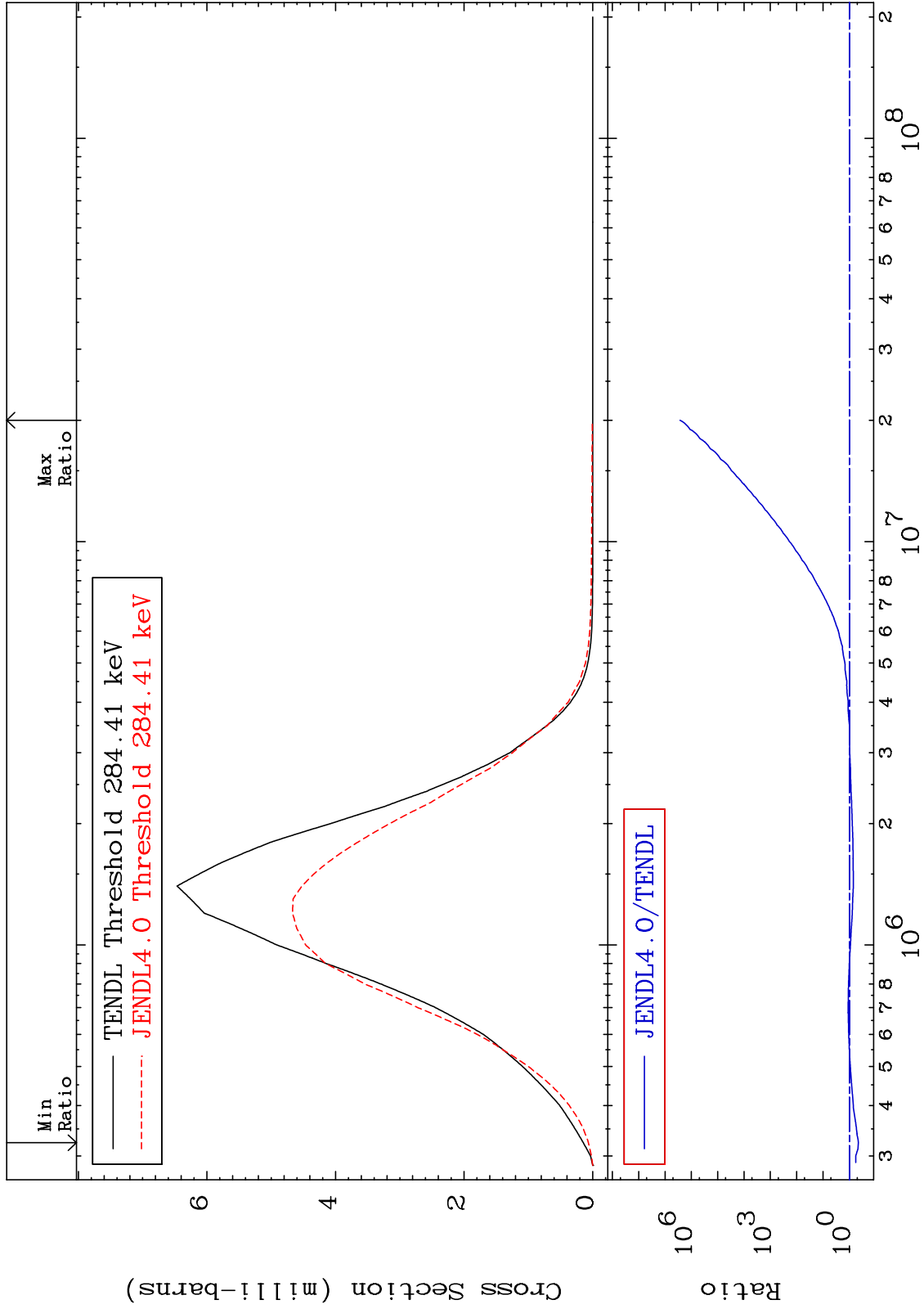
64-Gd-155
-18.23 To 9999. %



MAT 6434

MT= 63 (n,n') Level
Cross Section

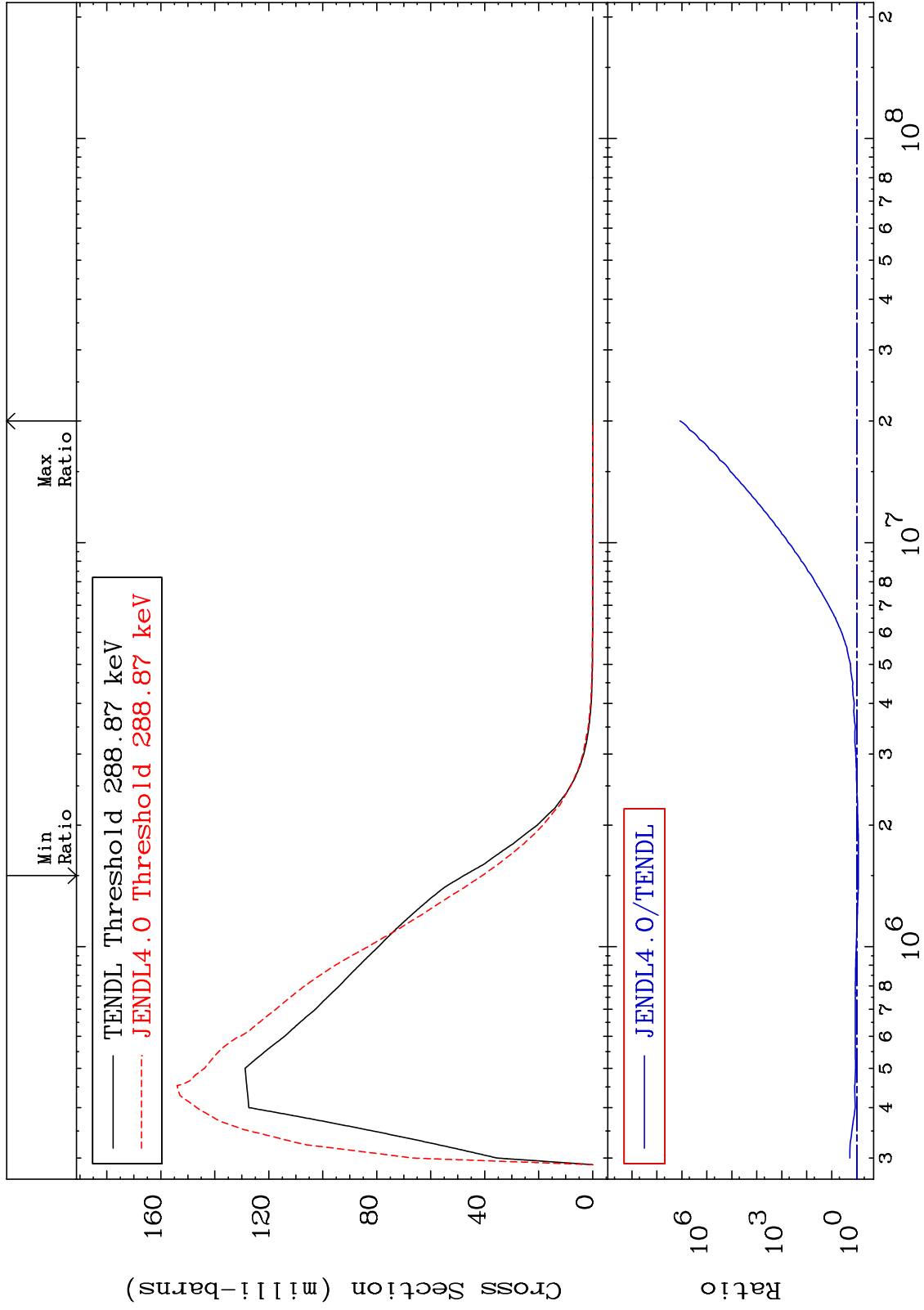
64-Gd-155
-54.82 To 9999. %



MAT 6434

MT= 64 (n,n') Level
Cross Section

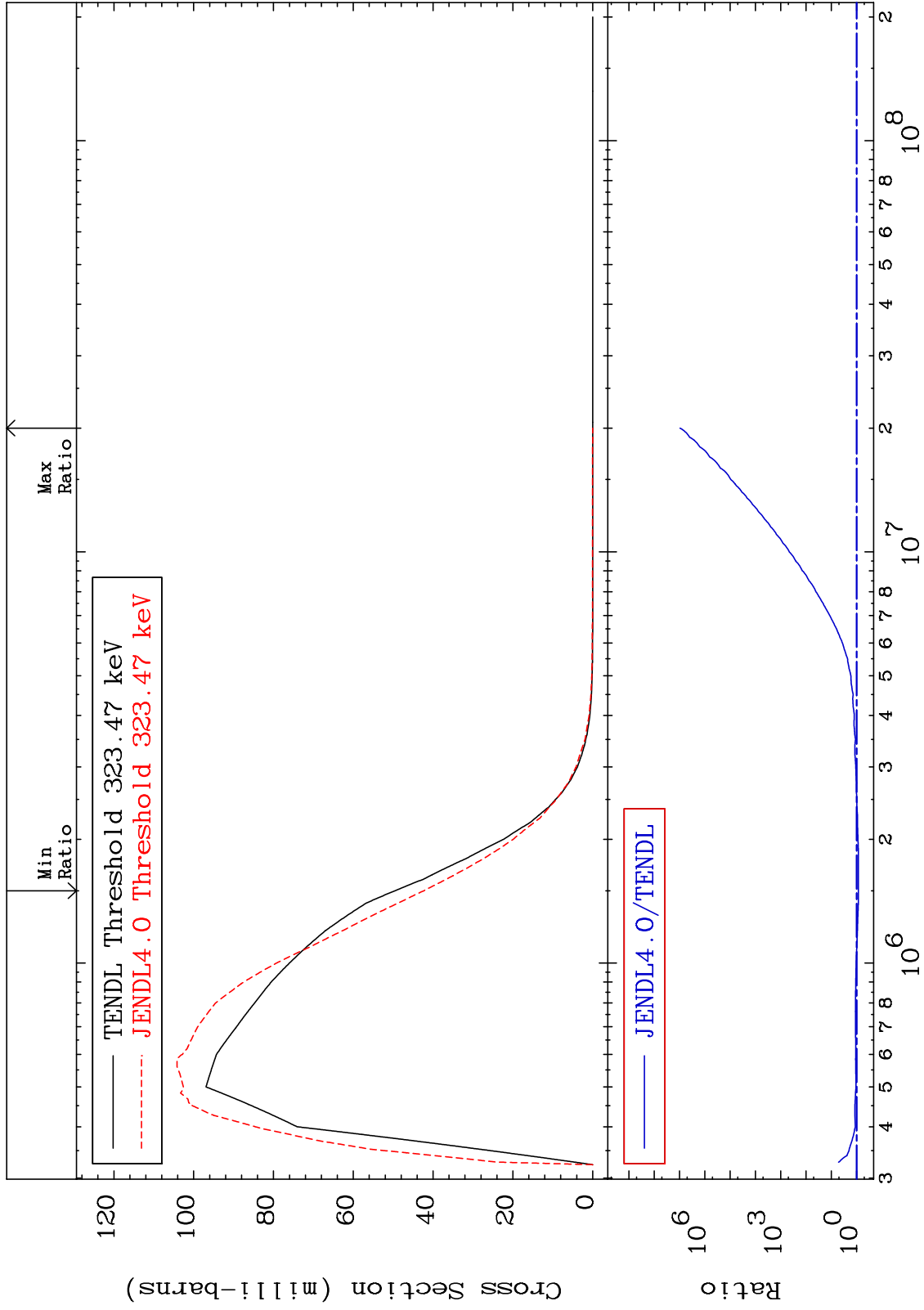
64-Gd-155
-14.23 To 9999. %



MAT 6434

MT= 65 (n,n') Level
Cross Section

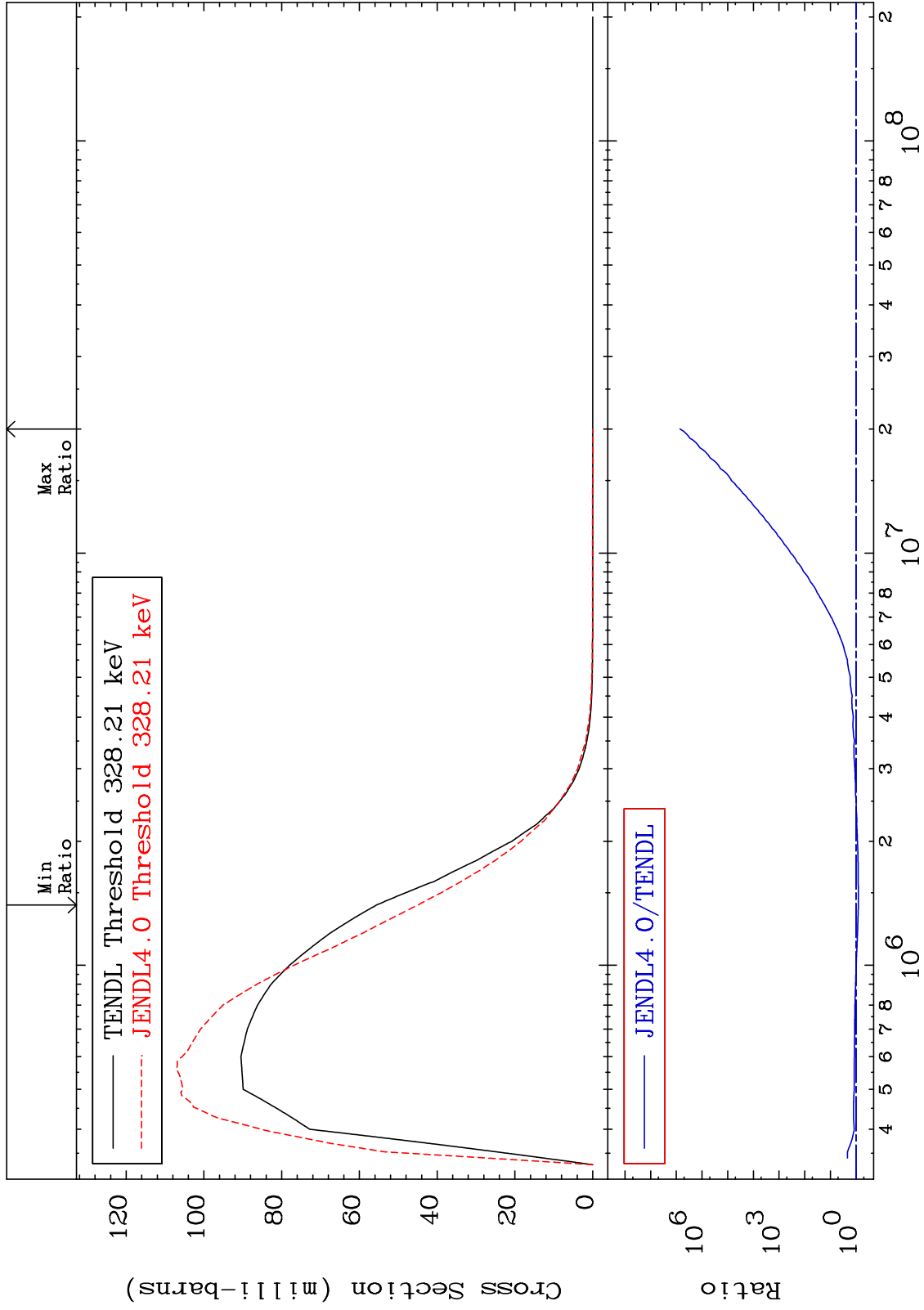
64-Gd-155
-14.61 To 9999. %



MAT 6434

MT= 66 (n,n') Level
Cross Section

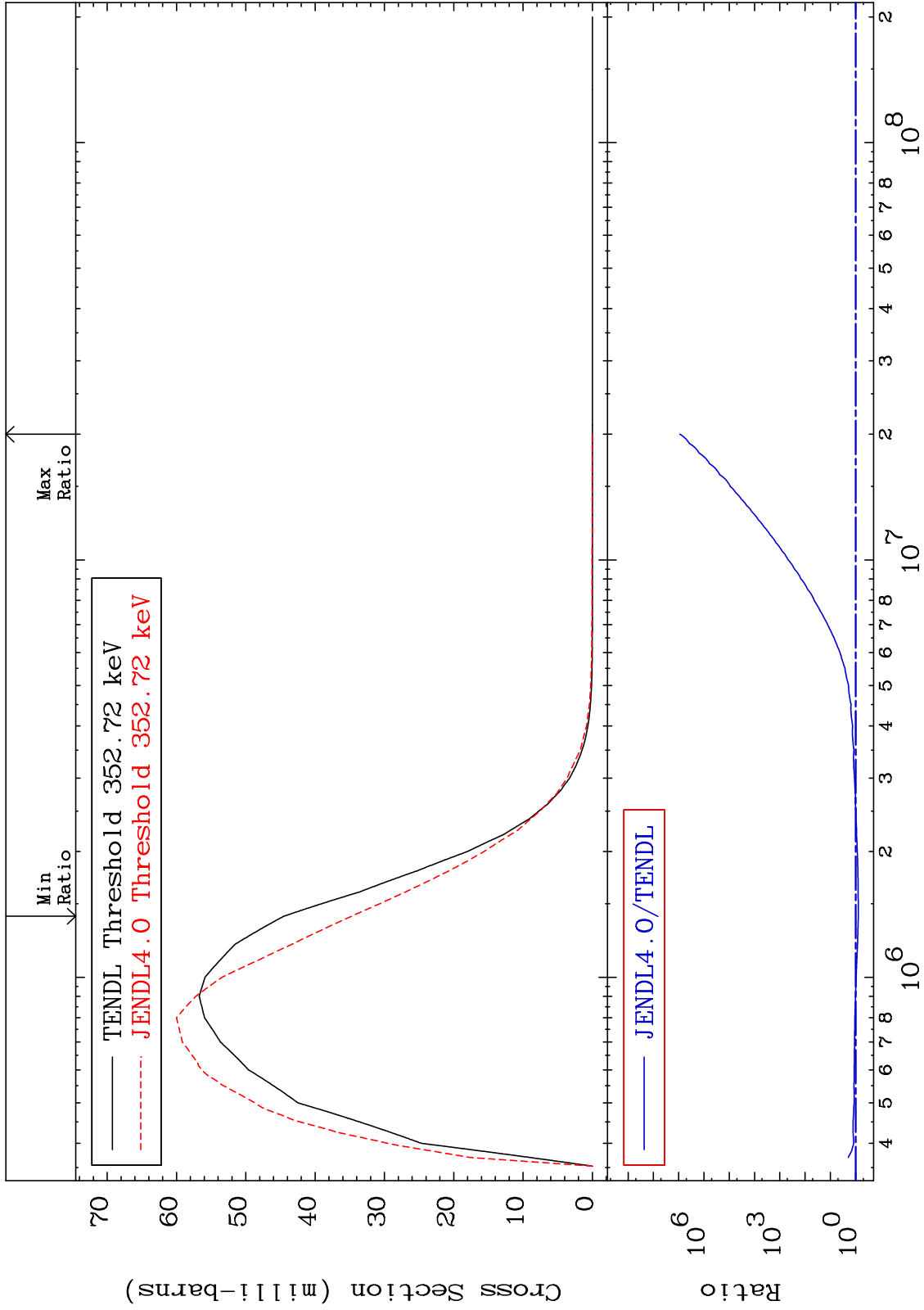
64-Gd-155
-19.11 To 9999. %



MAT 6434

MT= 67 (n,n') Level
Cross Section

64-Gd-155
-21.96 To 9999. %

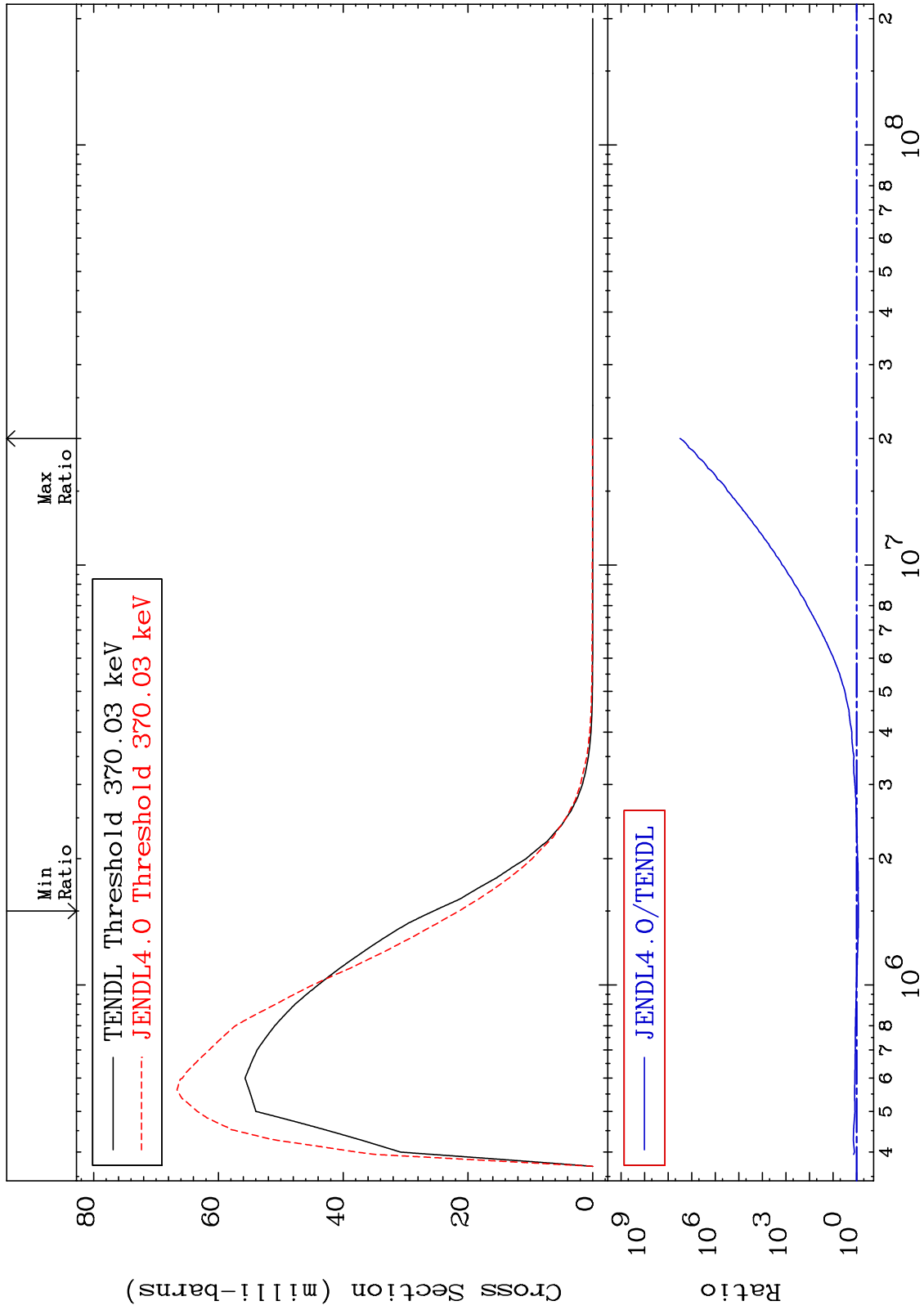


27

64-Gd-155

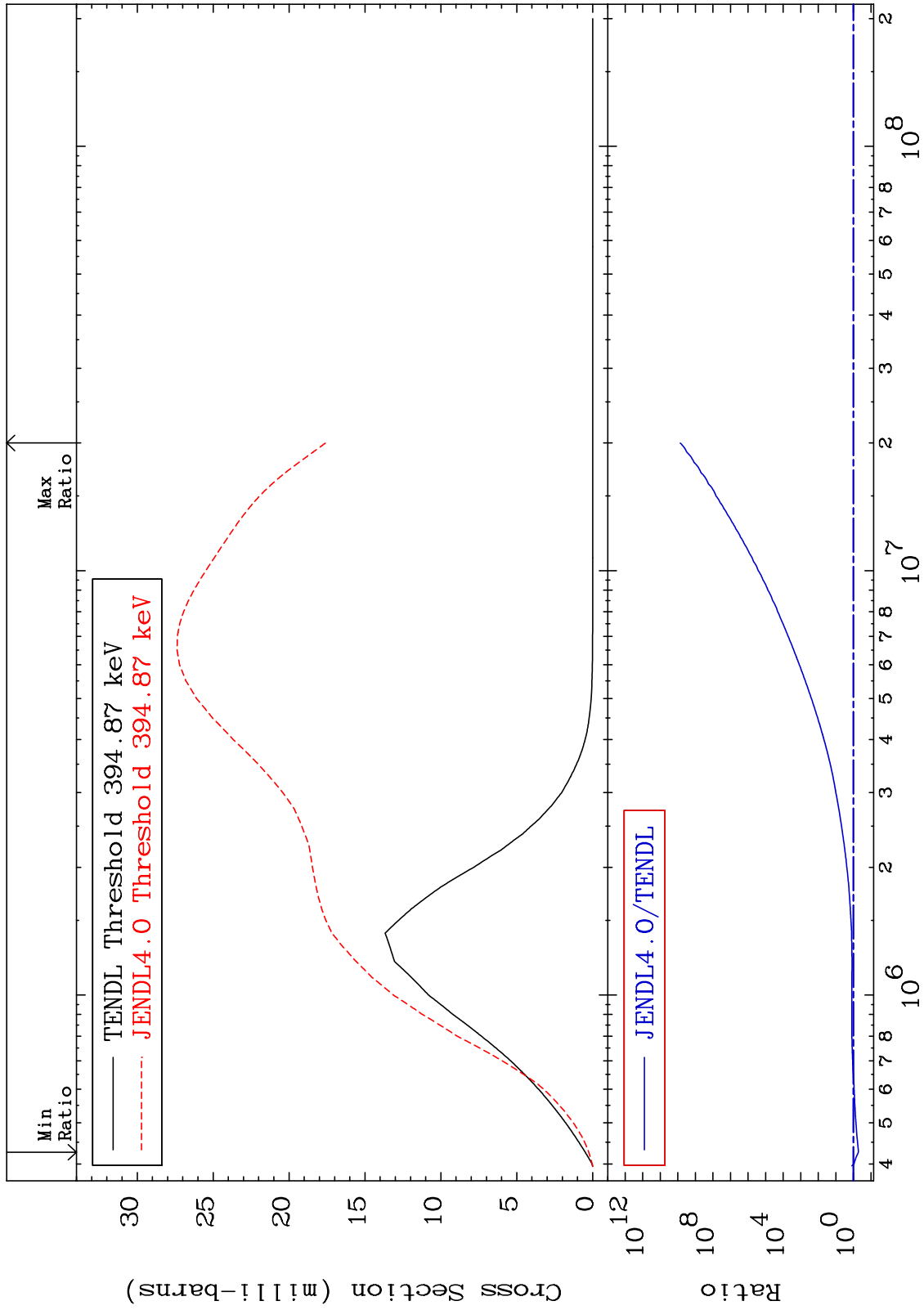
64-Gd-155

MAT 6434 MT= 68 (n,n') Level Cross Section -16.04 To 9999. % 64-Gd-155



28 Incident Energy (eV) 64-Gd-155

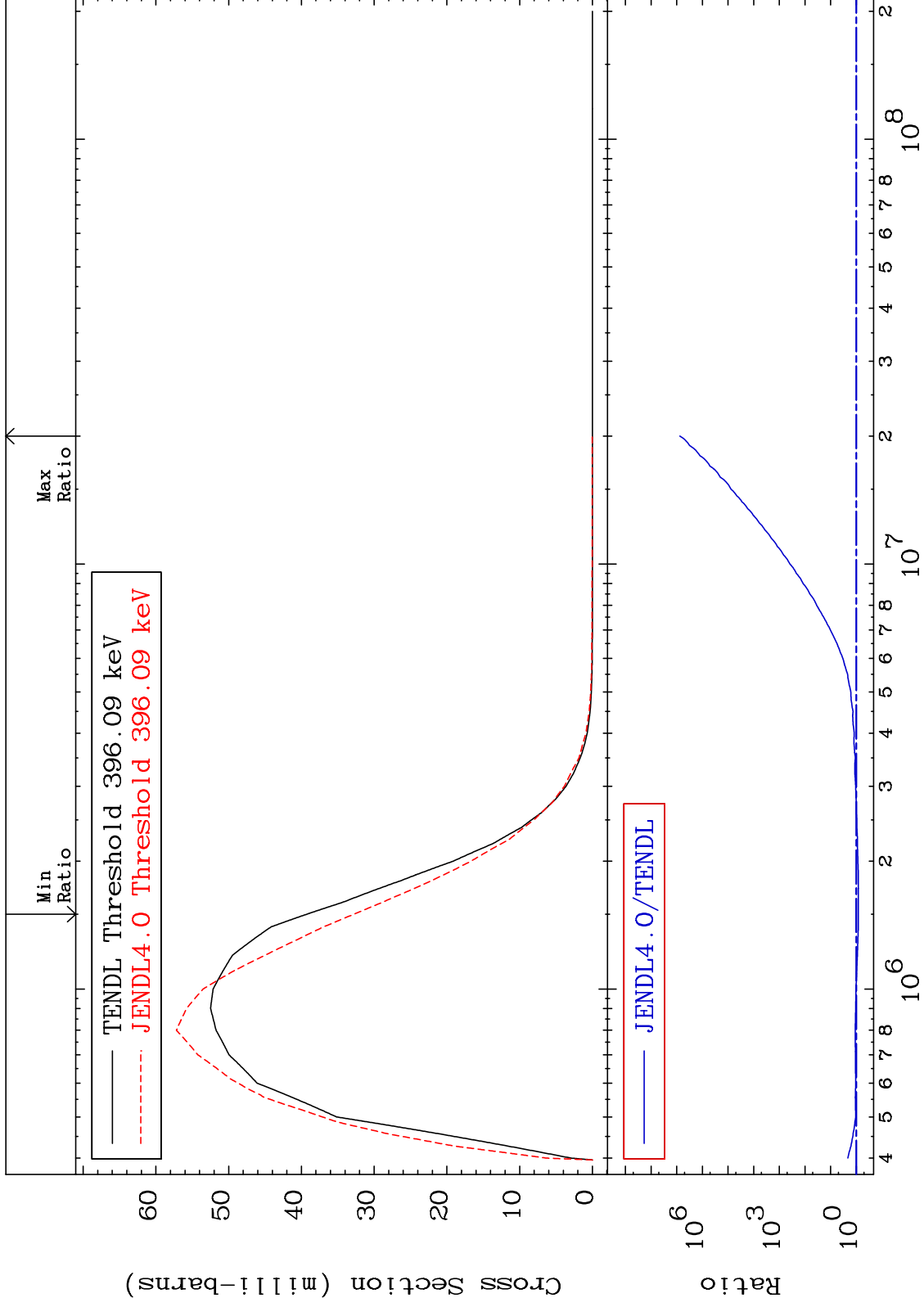
MAT 6434 MT= 69 (n,n') Level 64-Gd-155
 Cross Section -48.40 To 9999. %



MAT 6434

MT= 70 (n,n') Level
Cross Section

64-Gd-155
-16.54 To 9999. %



30

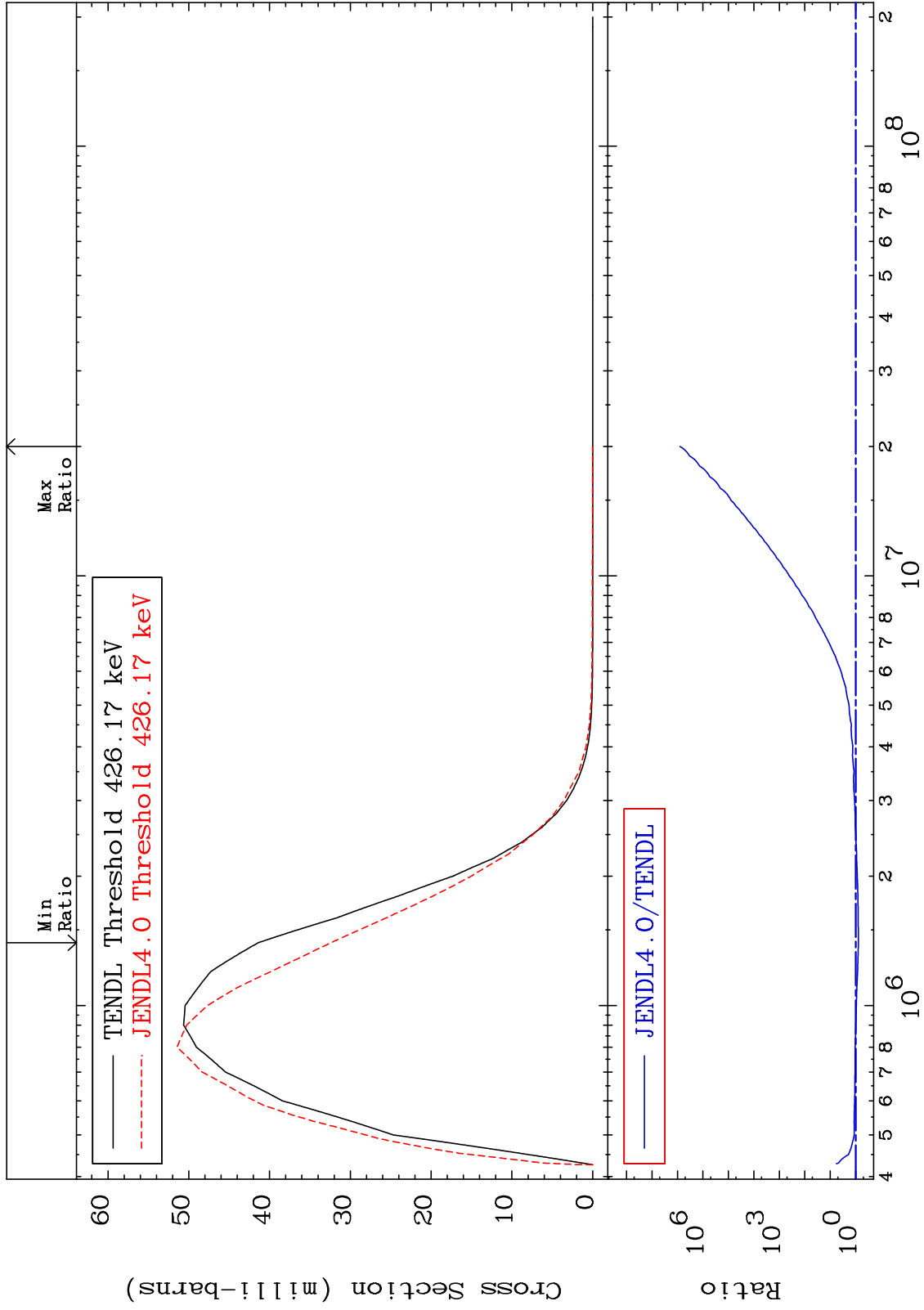
Incident Energy (eV)

64-Gd-155

MAT 6434

MT= 71 (n,n') Level
Cross Section

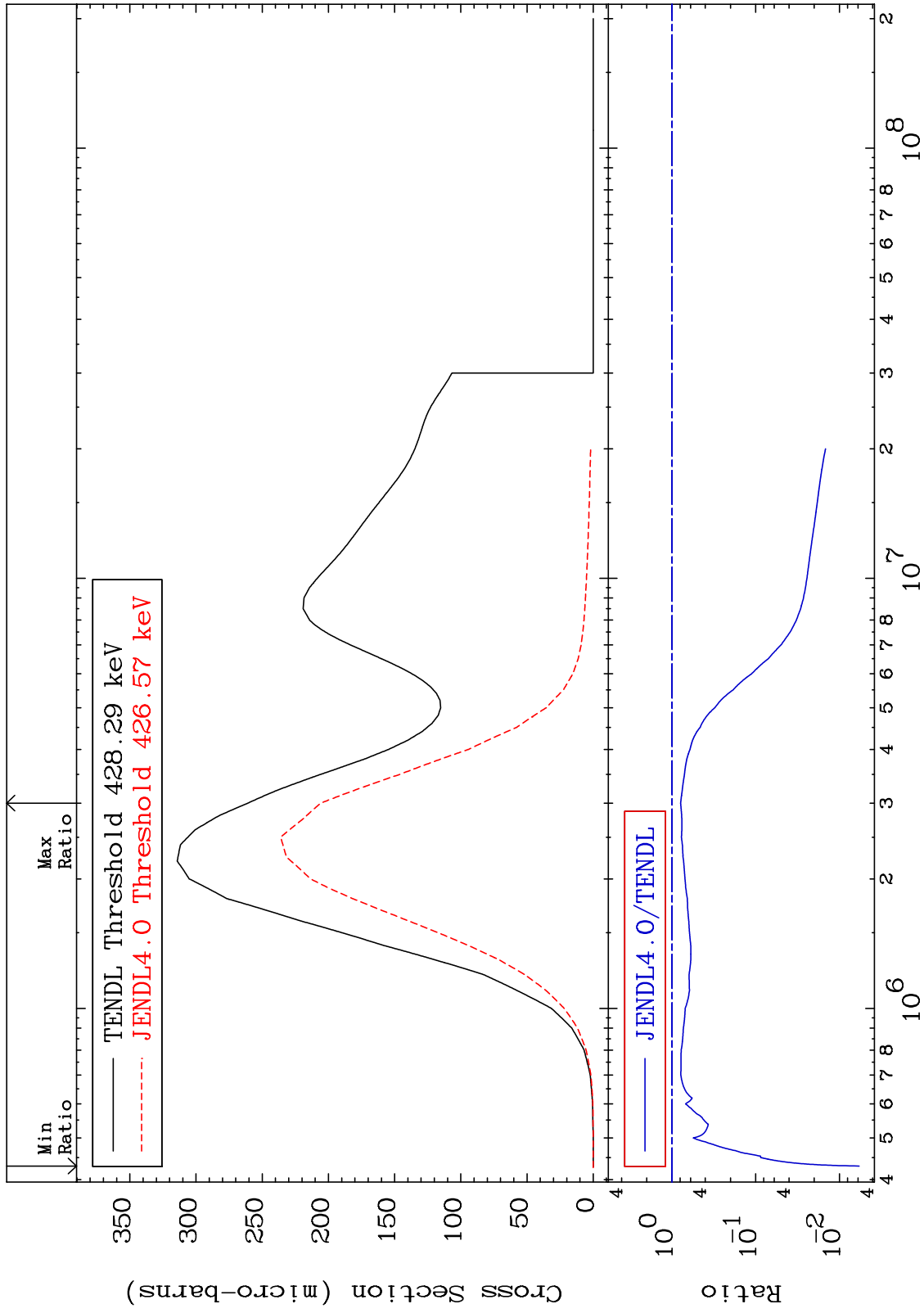
64-Gd-155
-21.76 To 9999. %



MAT 6434

MT= 72 (n,n') Level
Cross Section

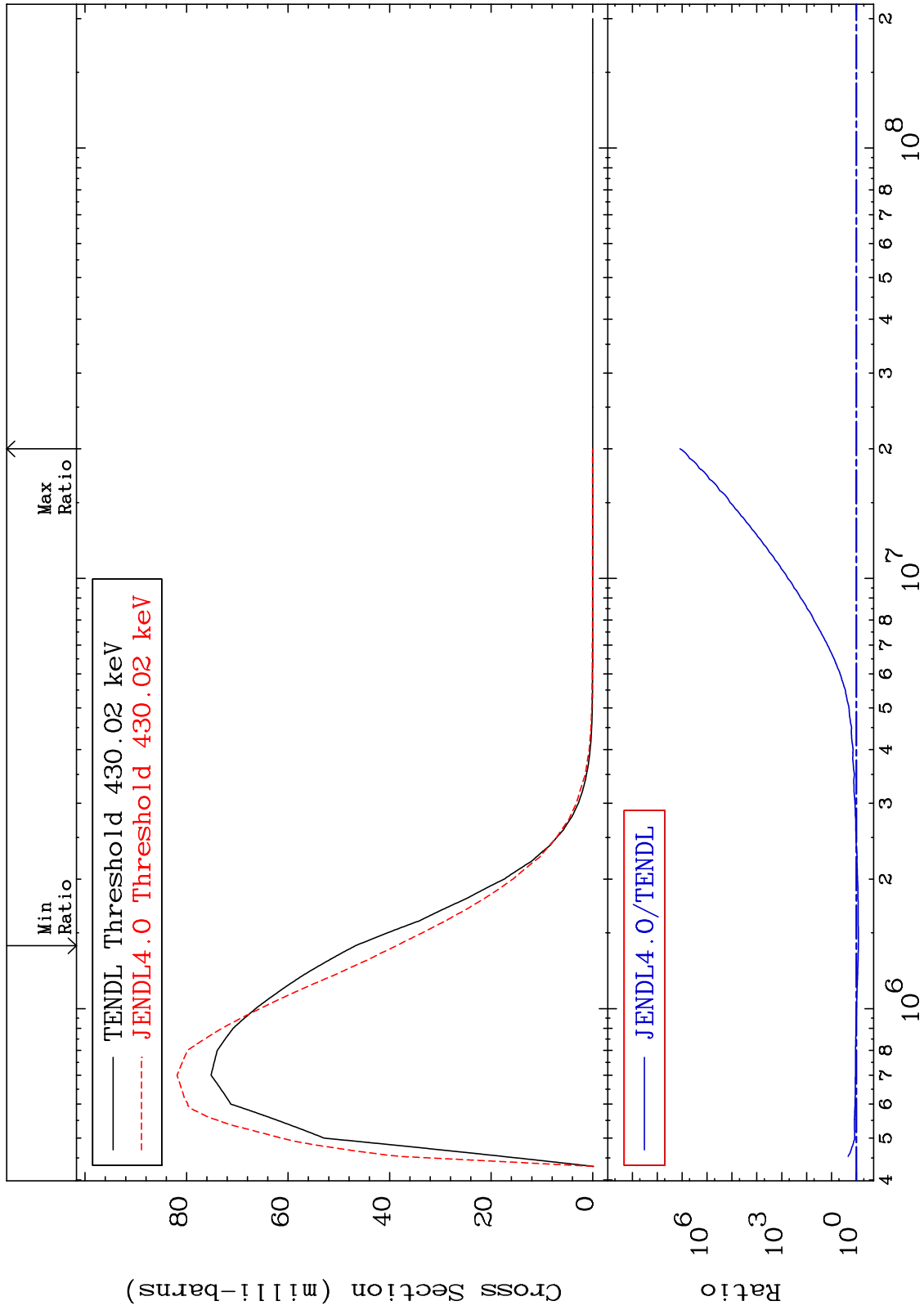
64-Gd-155
-99.42 To -21.10%



MAT 6434

MT= 73 (n,n') Level
Cross Section

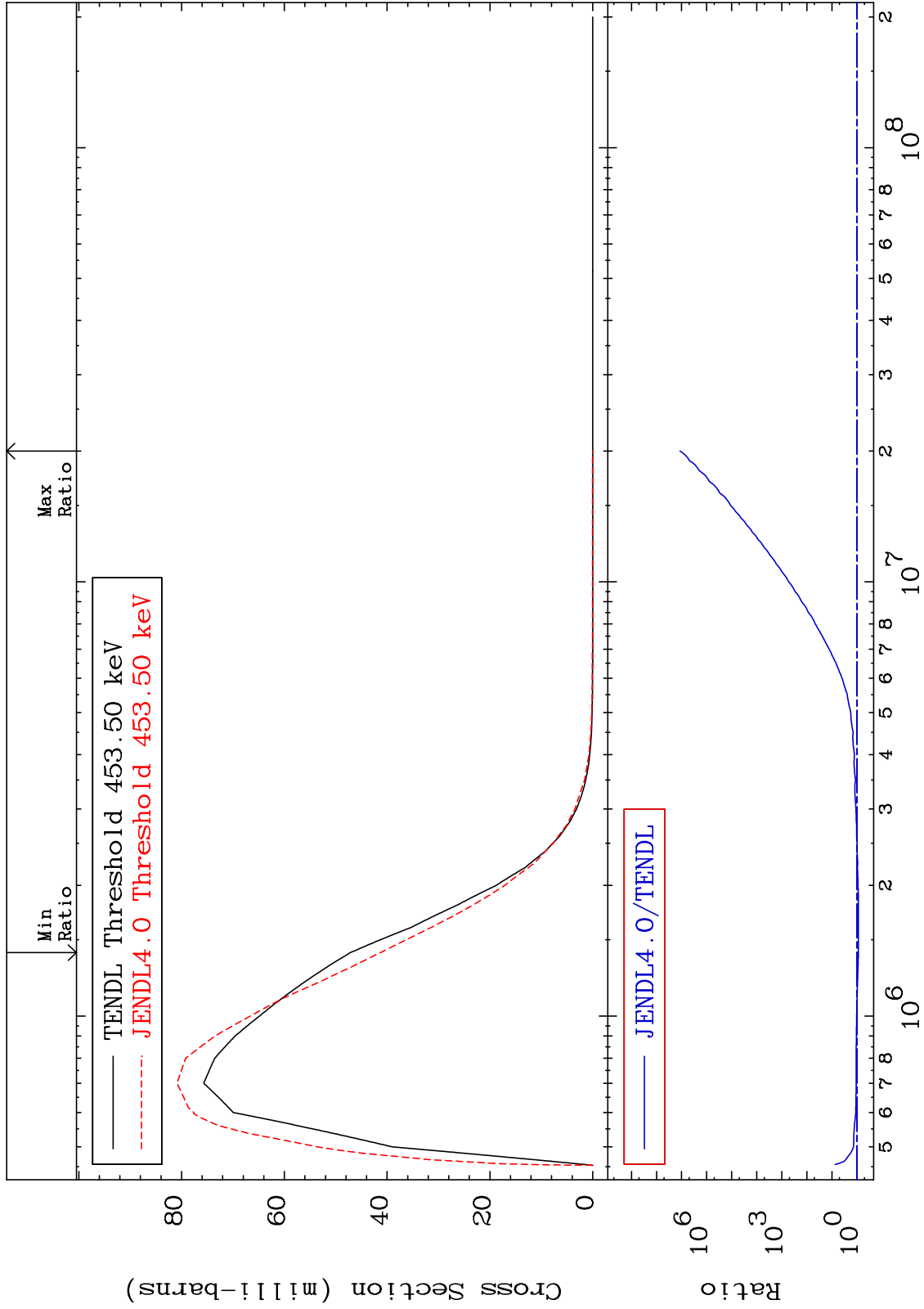
64-Gd-155
-17.24 To 9999. %



MAT 6434

MT= 74 (n,n') Level
Cross Section

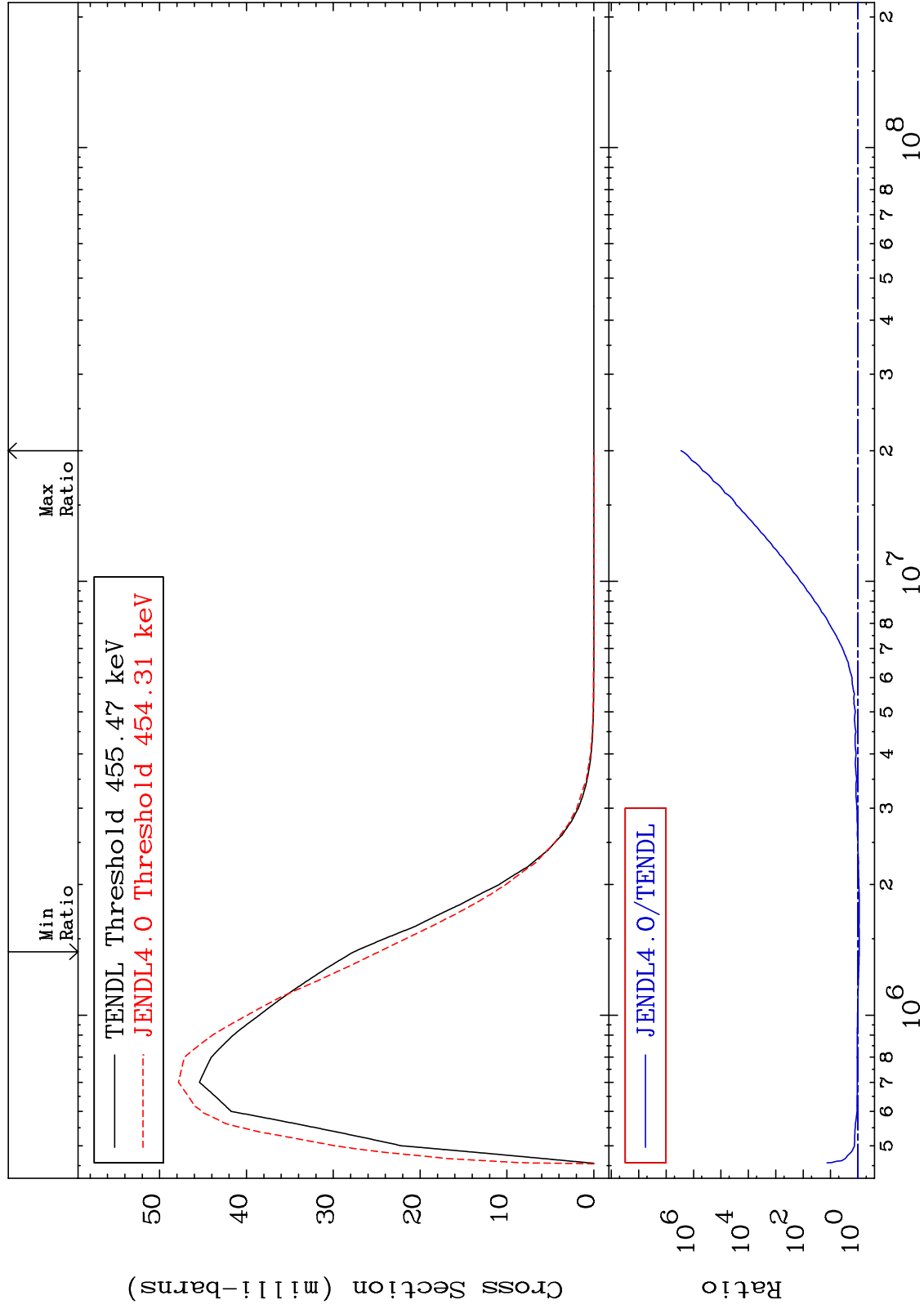
64-Gd-155
-12.39 To 9999. %



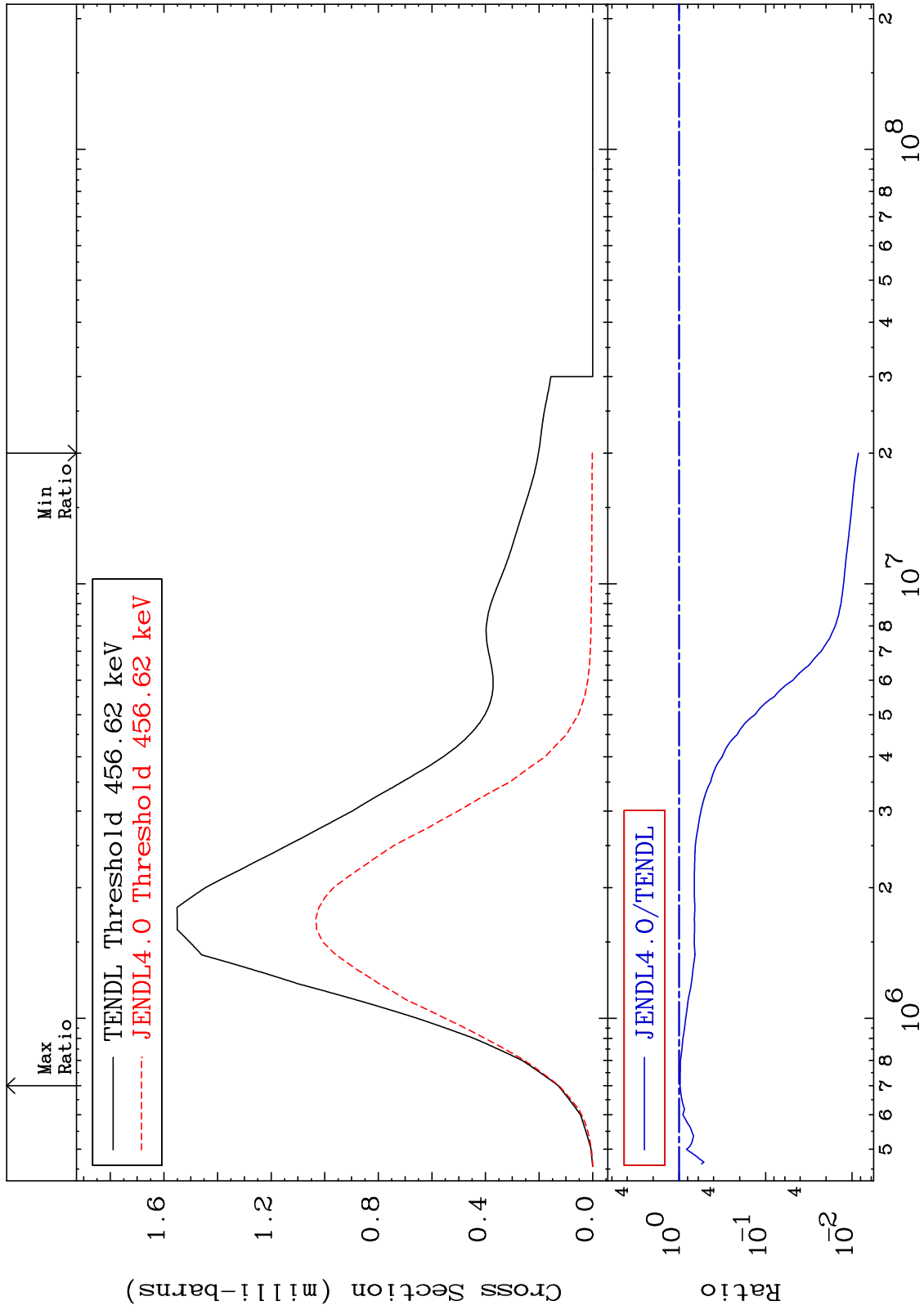
MAT 6434

MT= 75 (n,n') Level
Cross Section

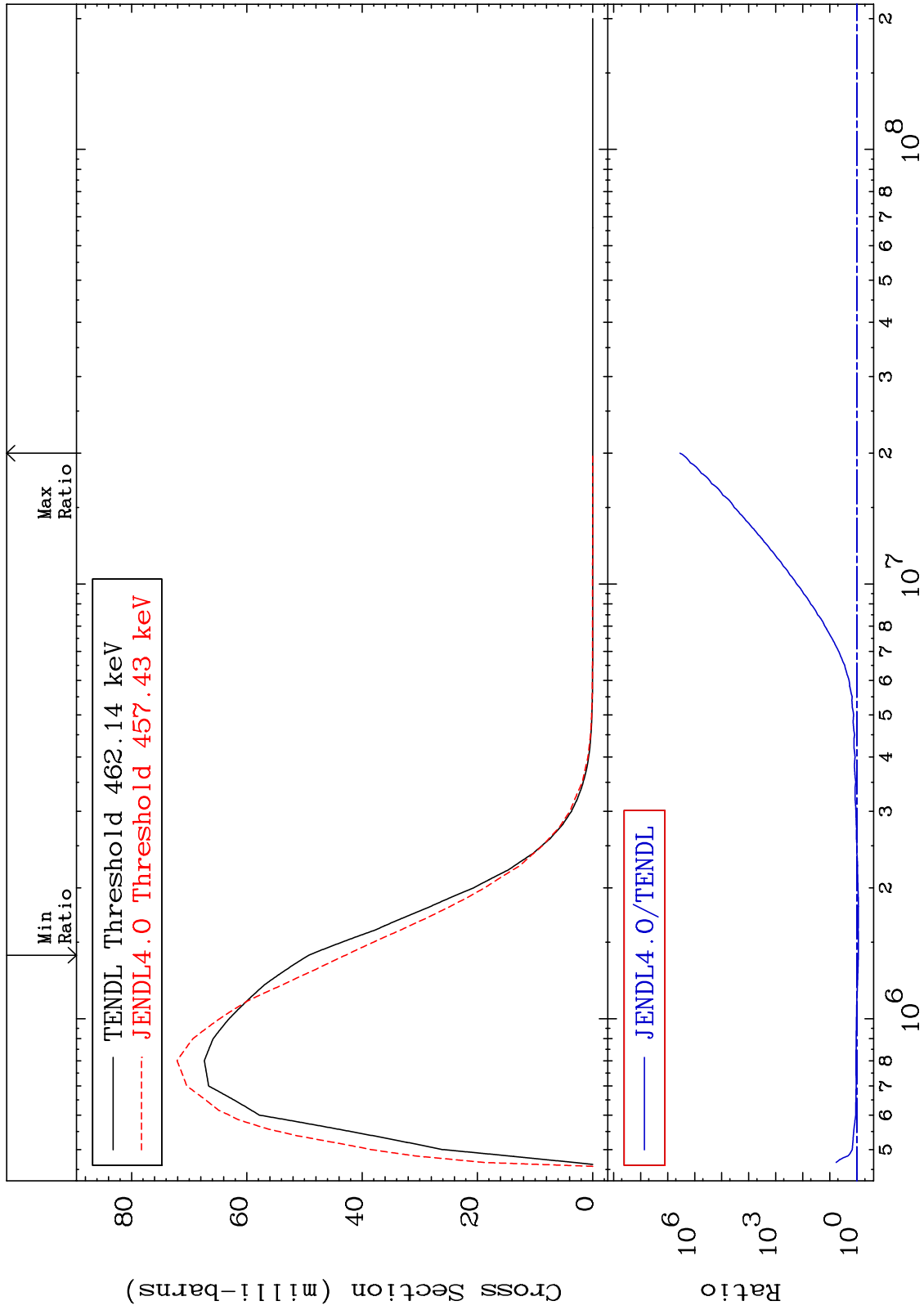
64-Gd-155
-10.45 To 9999. %



MAT 6434 MT= 76 (n,n') Level 64-Gd-155
 Cross Section -99.15 To -2.217%



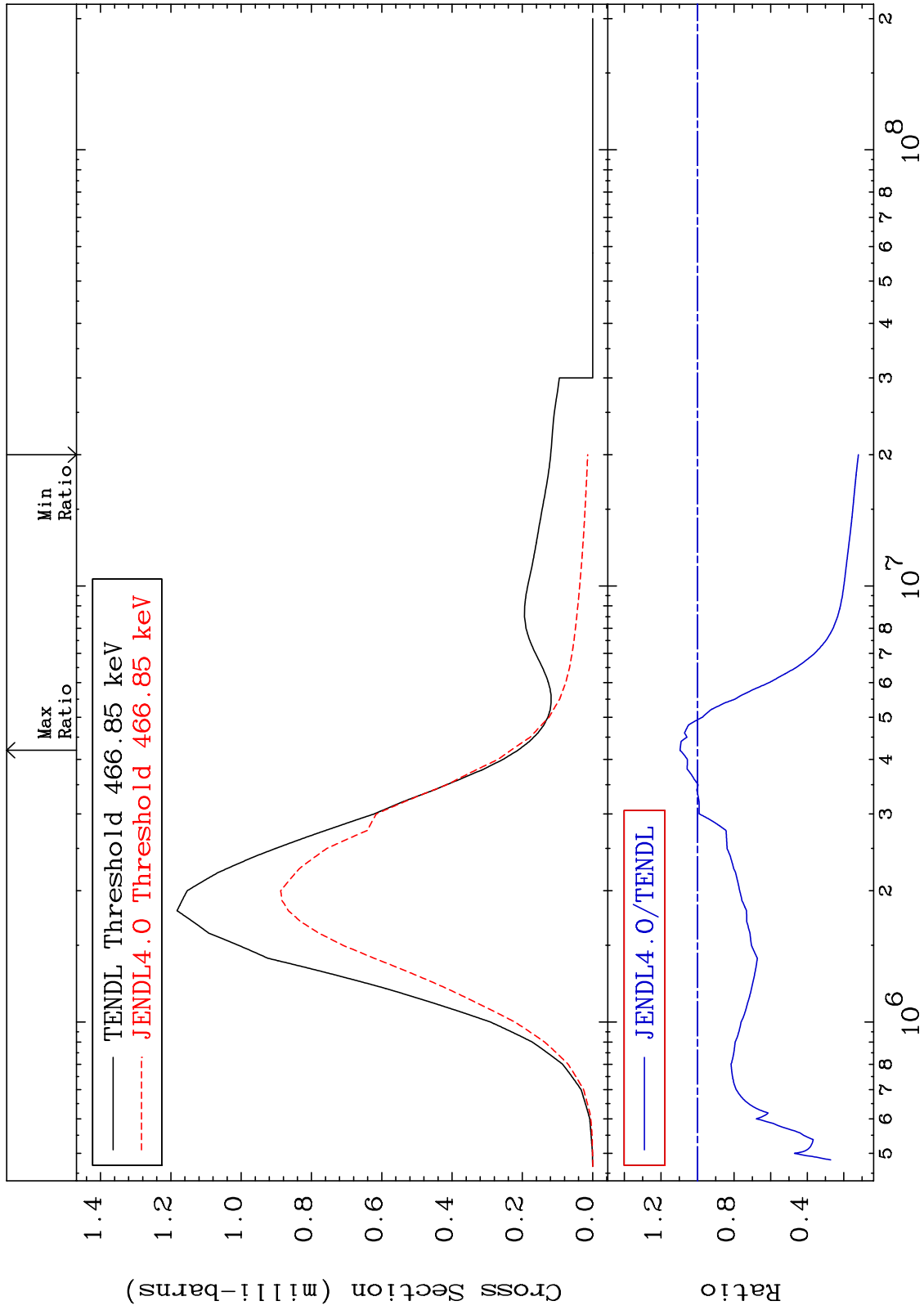
MAT 6434 MT= 77 (n,n') Level Cross Section 64-Gd-155 -12.97 To 9999. %



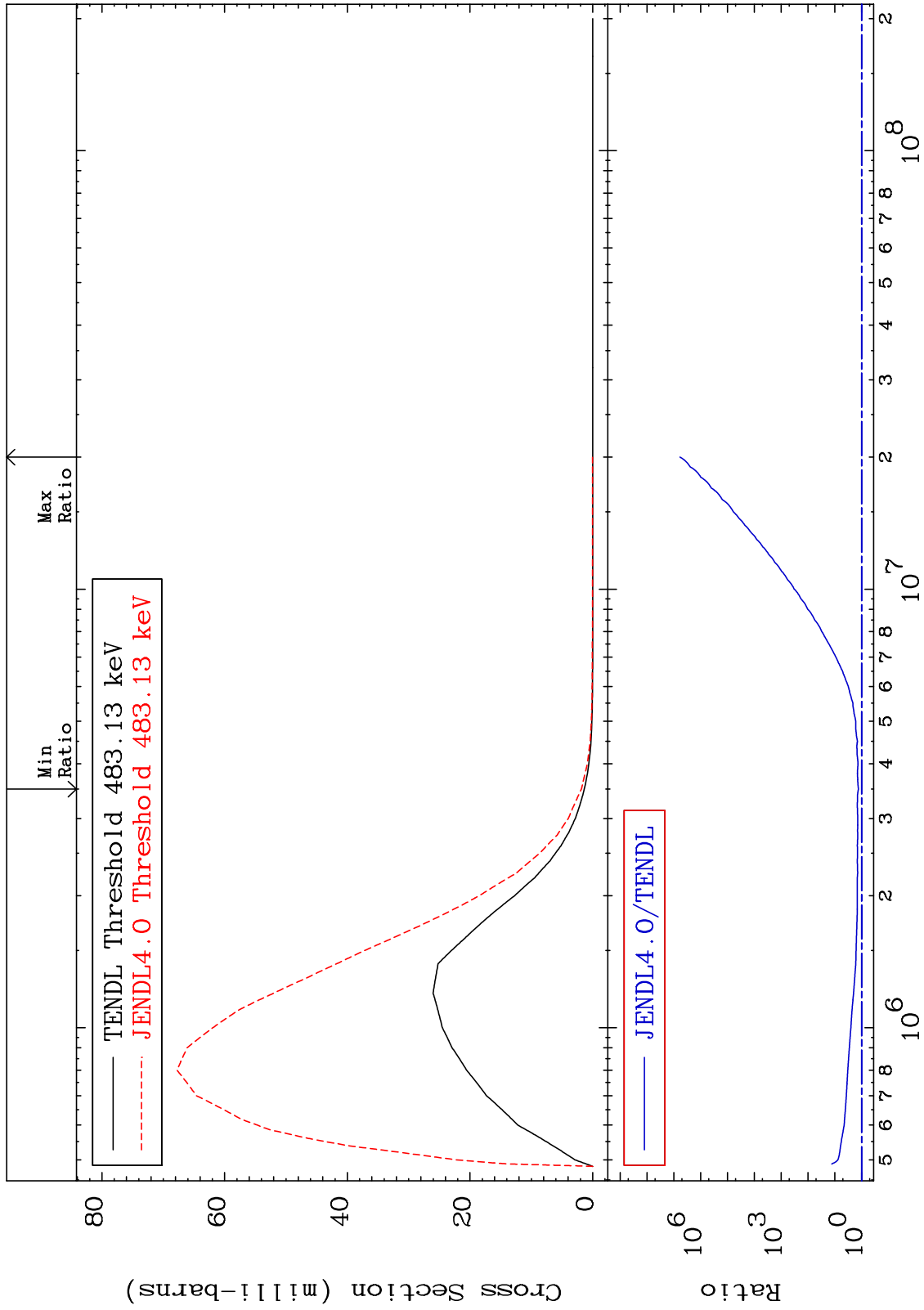
MAT 6434

MT= 78 (n,n') Level
Cross Section

64-Gd-155
-87.98 To 9.549 %



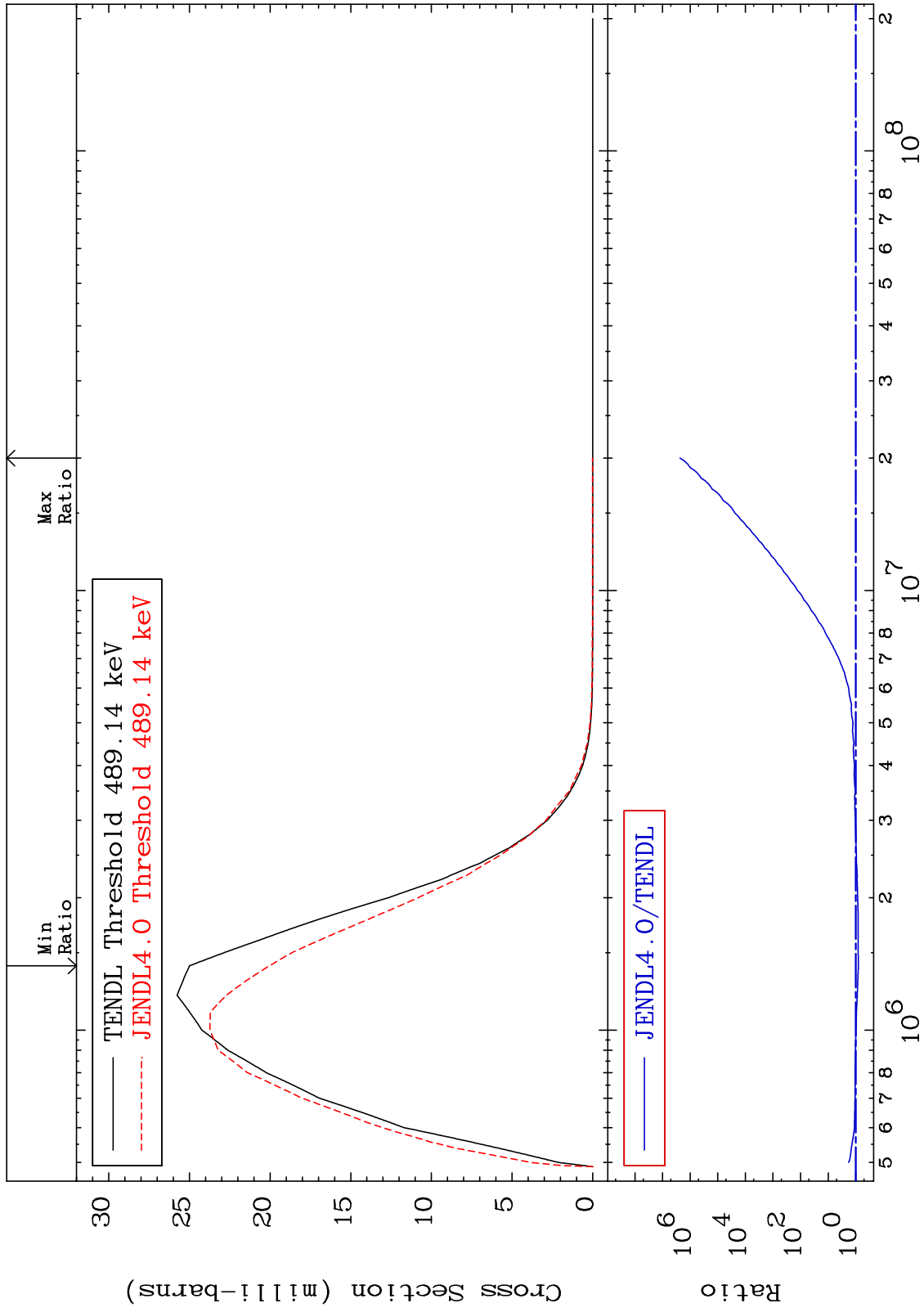
MAT 6434 MT= 79 (n,n') Level Cross Section 64-Gd-155 32.30 To 9999. %



MAT 6434

MT= 80 (n,n') Level
Cross Section

64-Gd-155
-19.81 To 9999. %



40

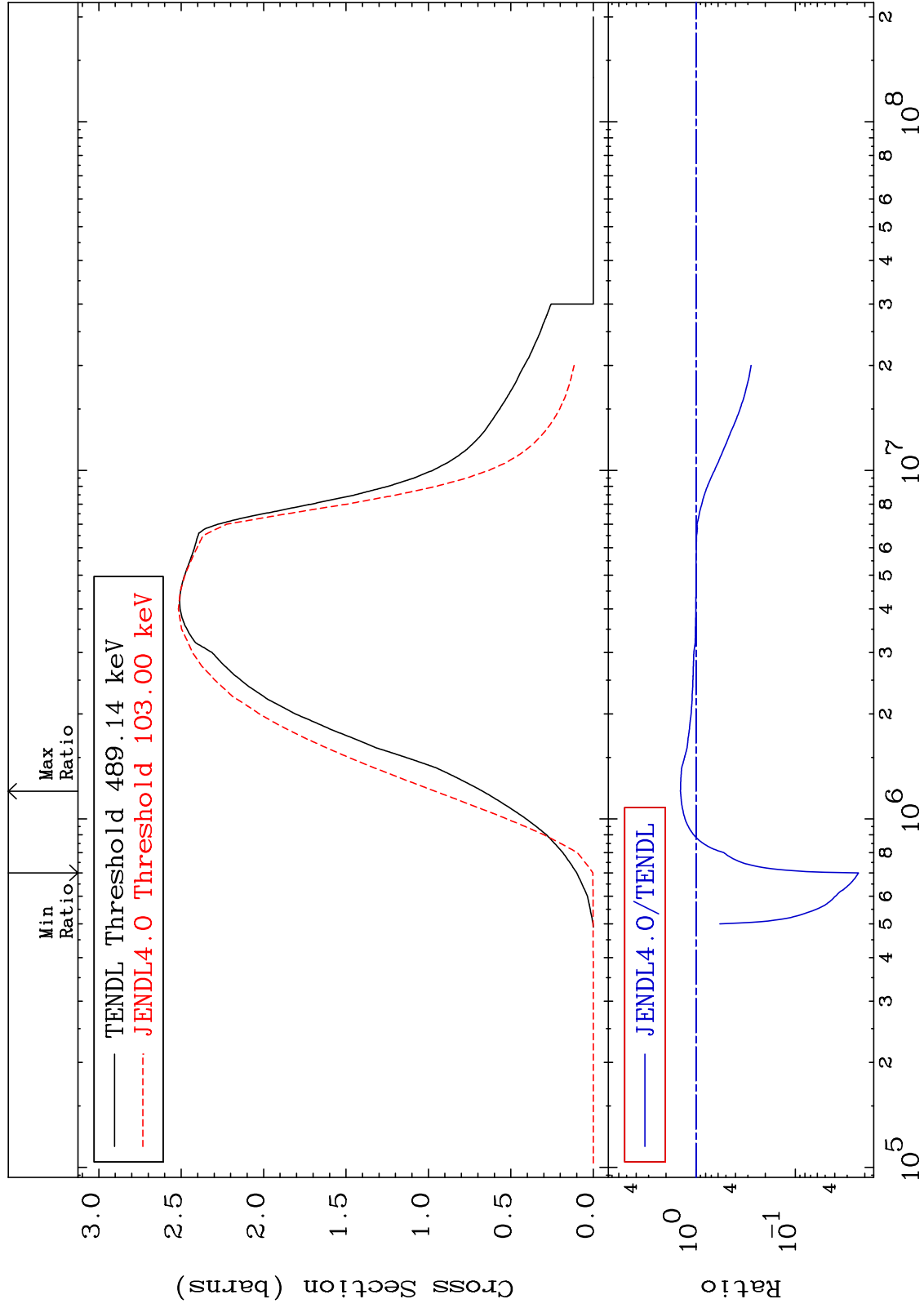
Incident Energy (eV)

64-Gd-155

MAT 6434

(n, n') Continuum
Cross Section

64-Gd-155
-97.69 To 43.32 %



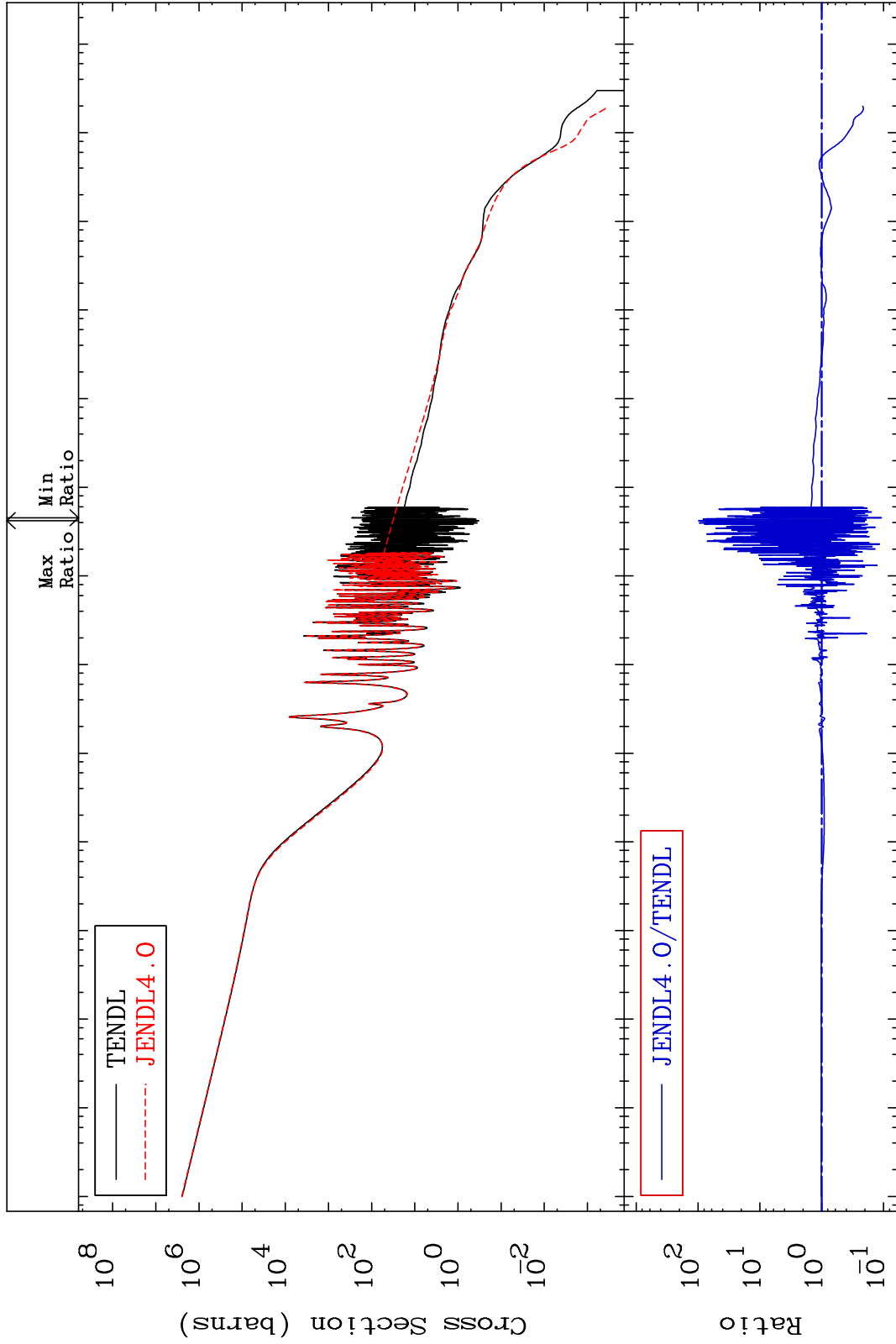
41

64-Gd-155

MAT 6434

(n, γ)
Cross Section

64-Gd-155
-89.22 To 9770. %



42

Incident Energy (eV)

64-Gd-155

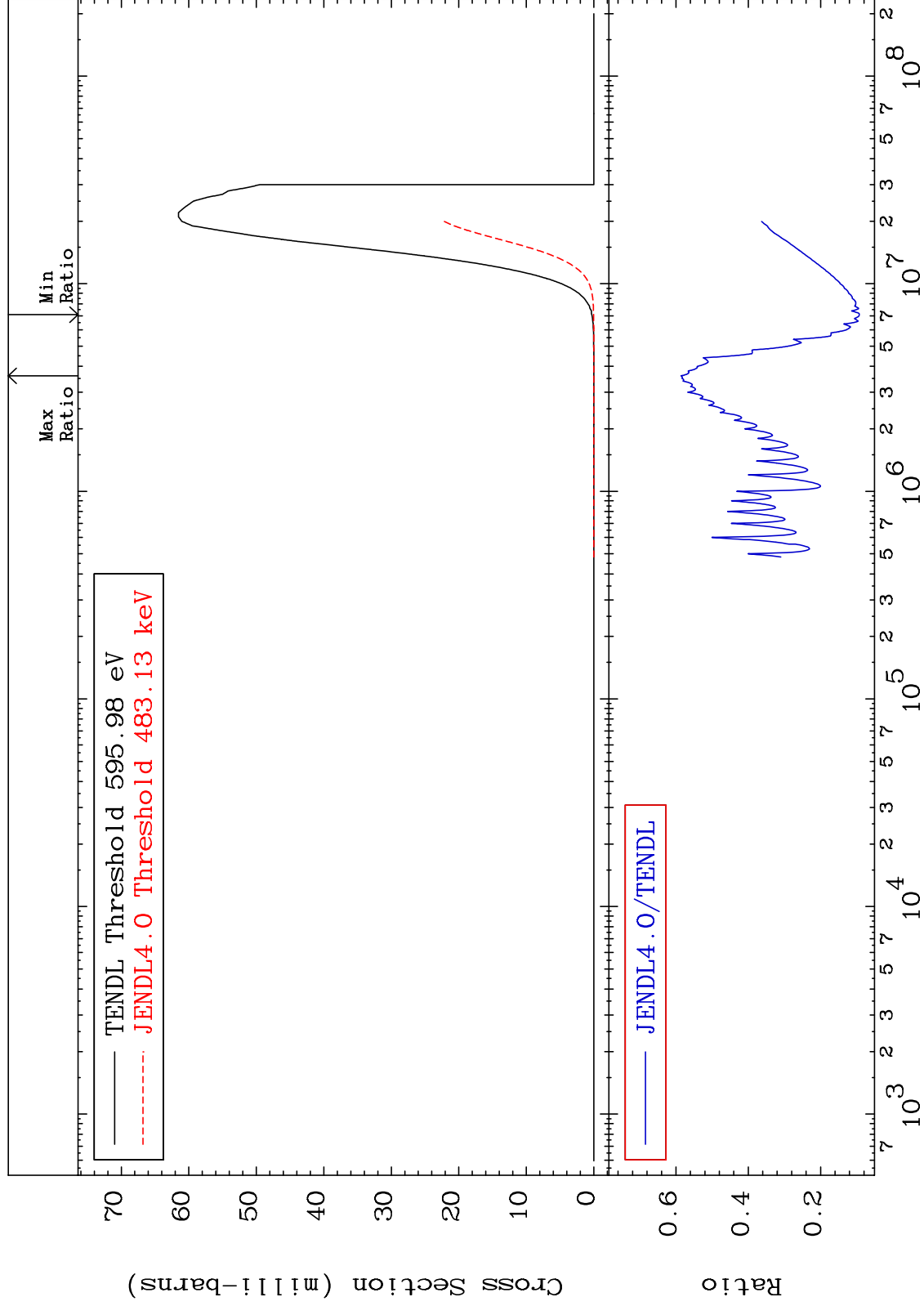
MAT 6434

(n, p)

64-Gd-155

Cross Section

-90.71 To -41.41%



43

Incident Energy (eV)

64-Gd-155

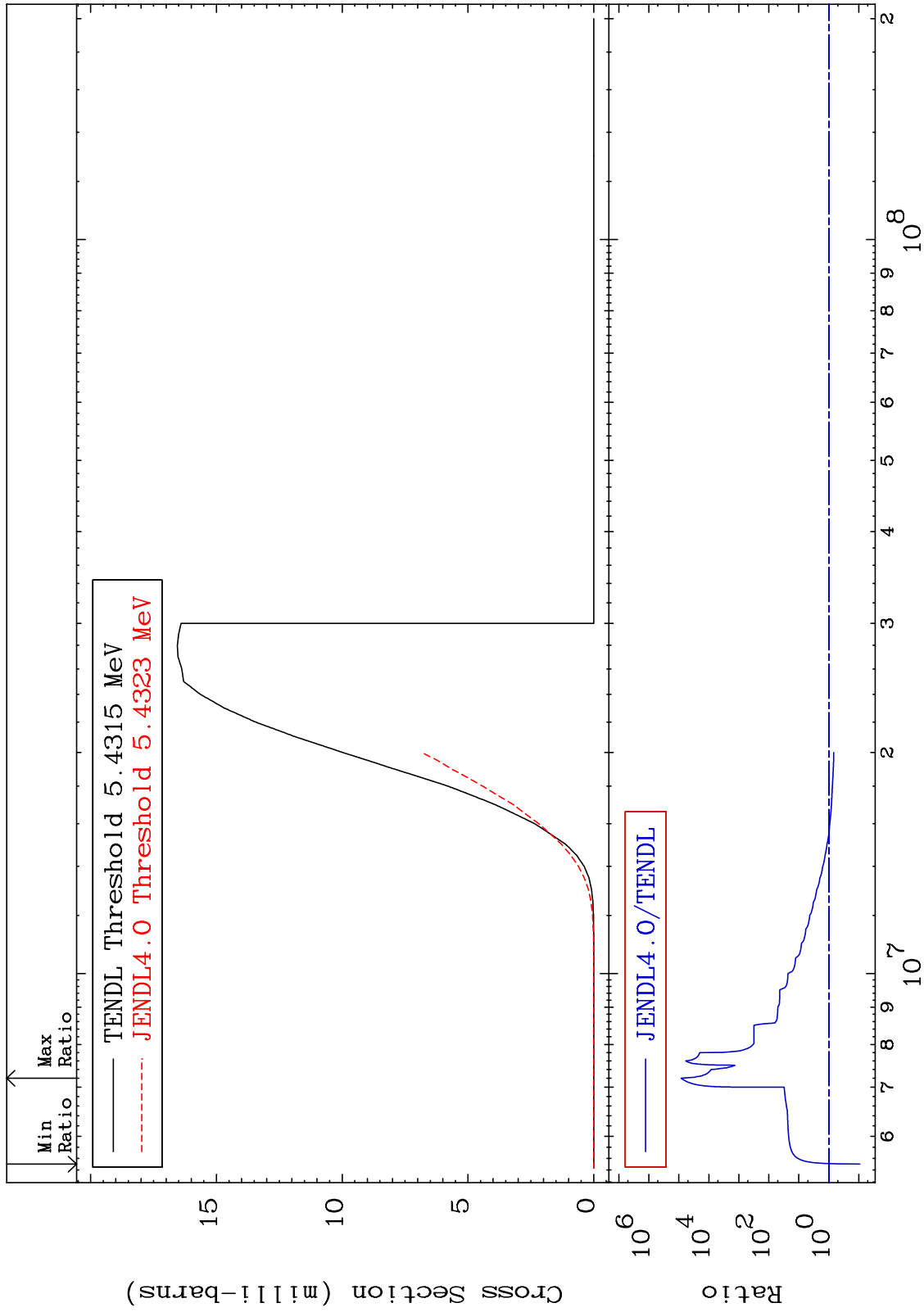
MAT 6434

(n,d)

64-Gd-155

Cross Section

-90.82 To 9999. %



44

Incident Energy (eV)

64-Gd-155

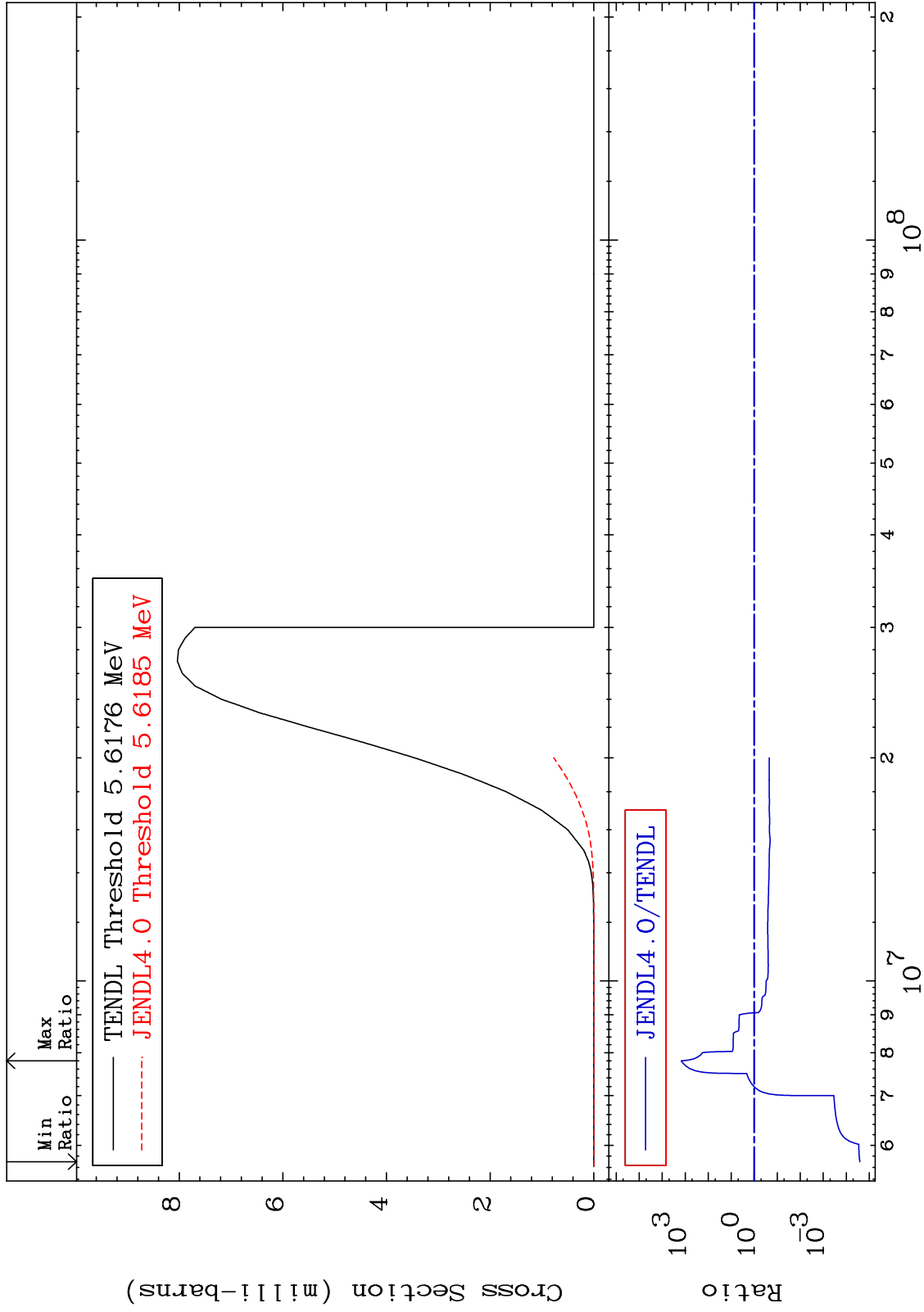
MAT 6434

(n, t)

64-Gd-155

Cross Section

-100.0 To 9999. %



45

Incident Energy (eV)

64-Gd-155

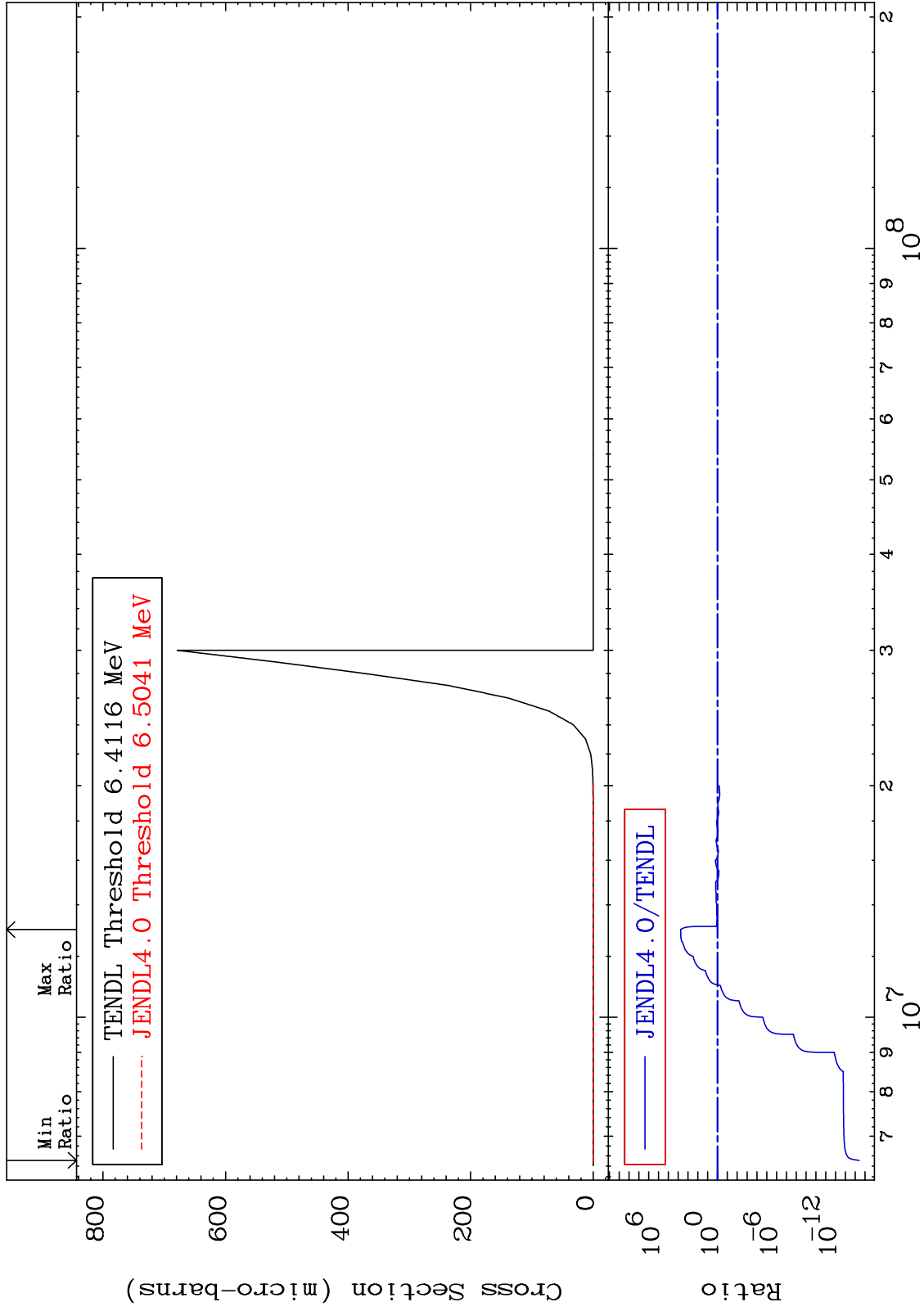
MAT 6434

(n, He-3)

64-Gd-155

Cross Section

-100.0 To 9999. %



46

Incident Energy (eV)

64-Gd-155

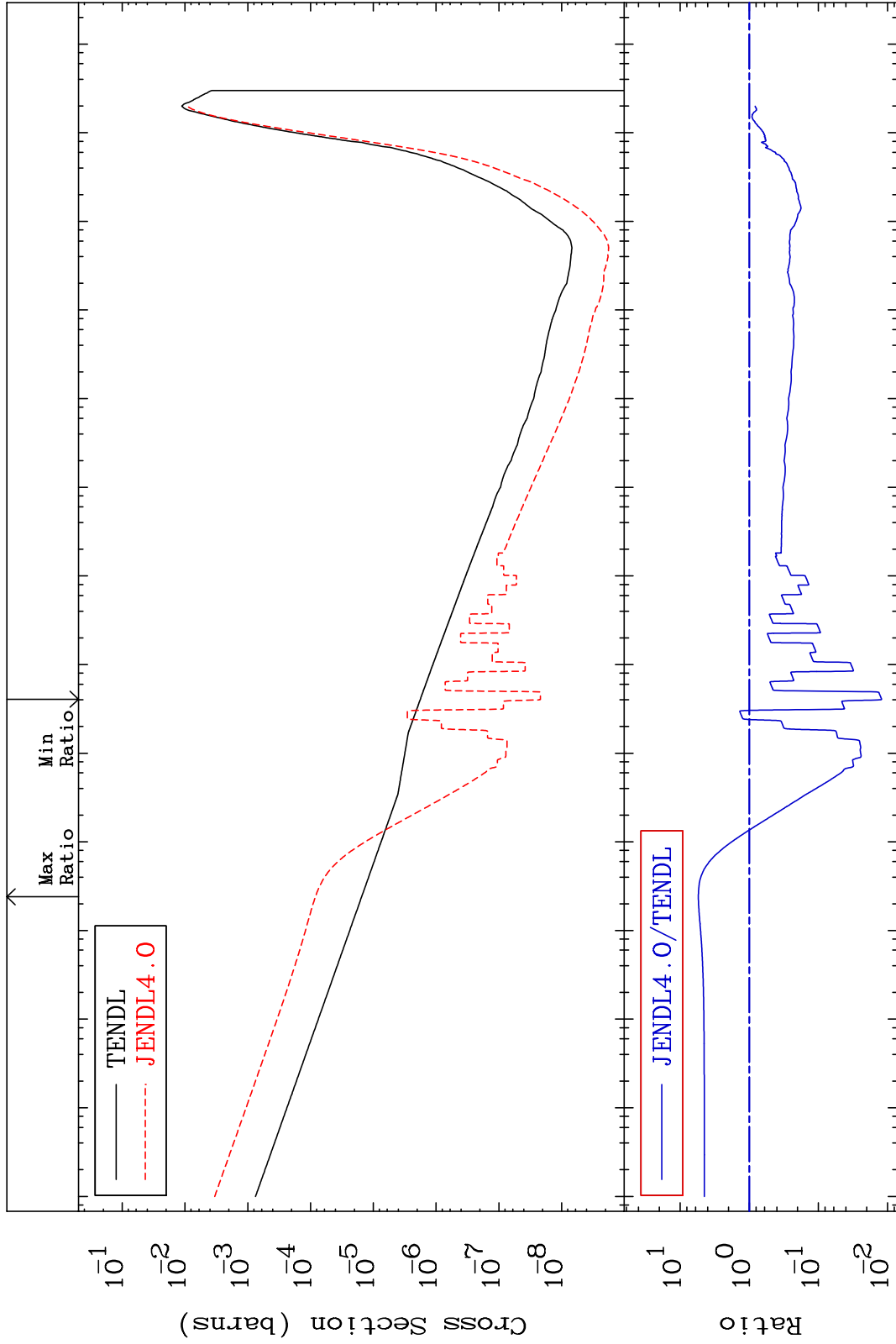
MAT 6434

(n, α)

64-Gd-155

Cross Section

-98.78 To 445.6 %



47

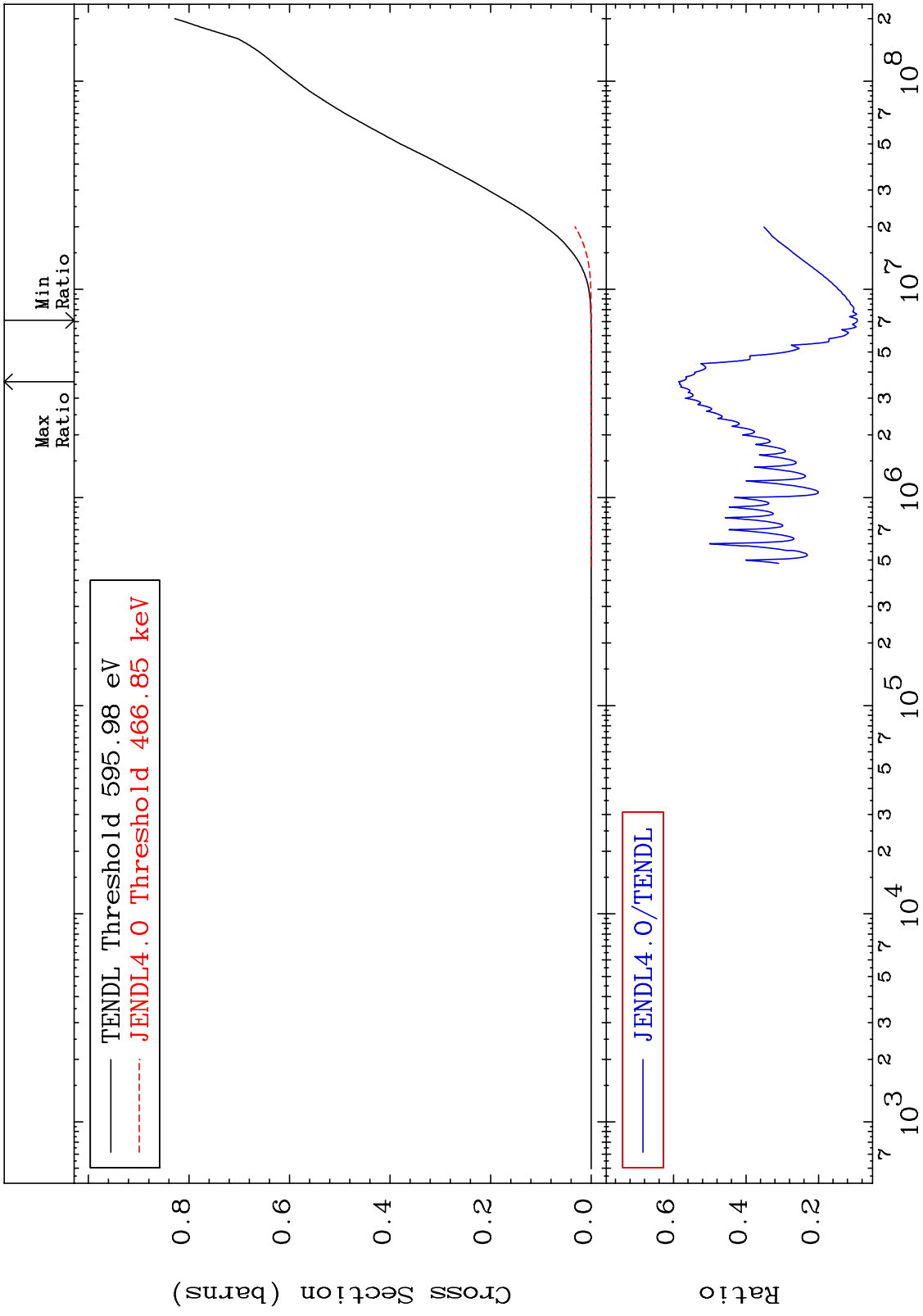
Incident Energy (eV)

64-Gd-155

MAT 6434

Hydrogen Production
Cross Section

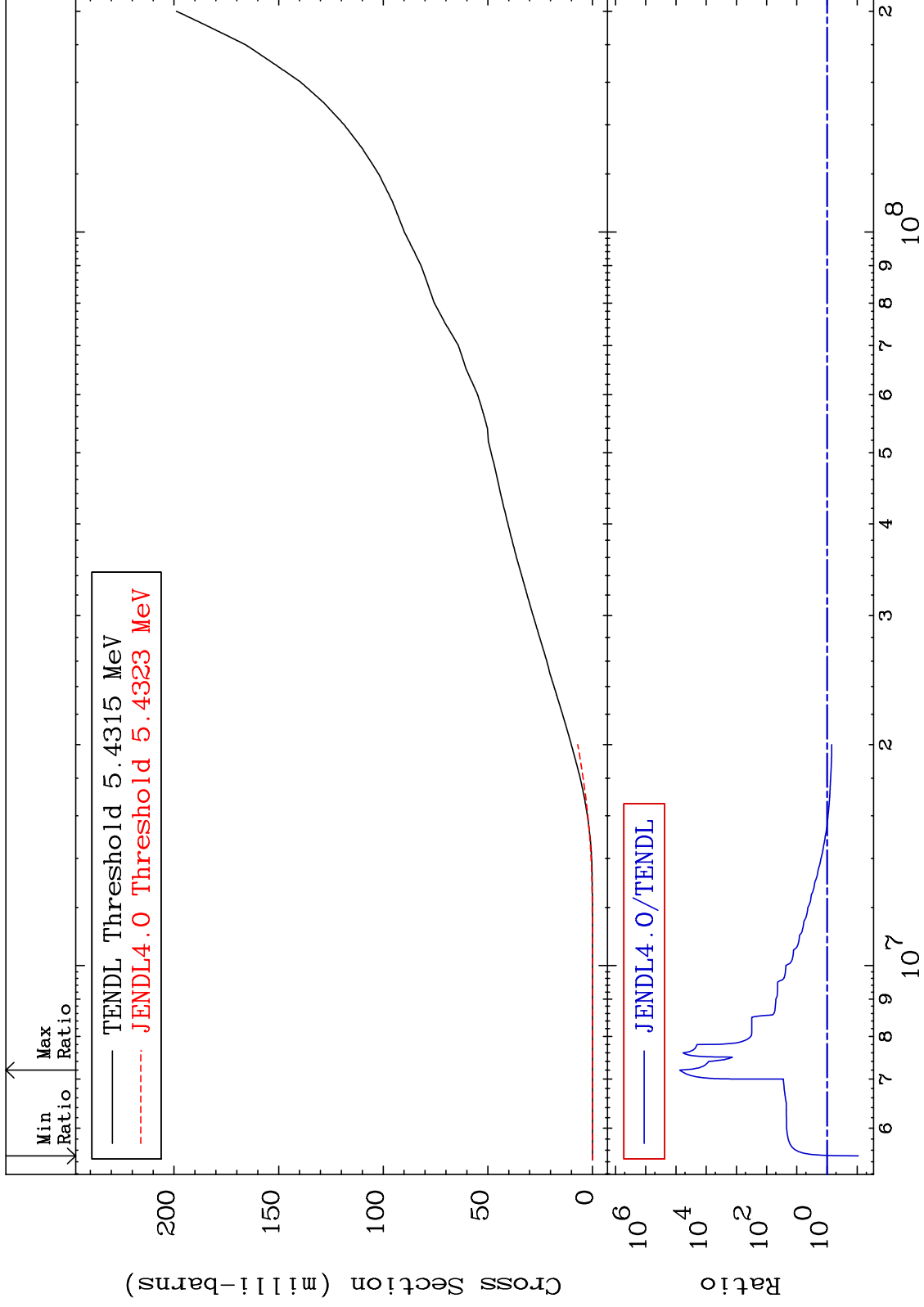
64-Gd-155
-90.71 To -41.41%



MAT 6434

Deuterium Production
Cross Section

64-Gd-155
-90.82 To 9999. %



49

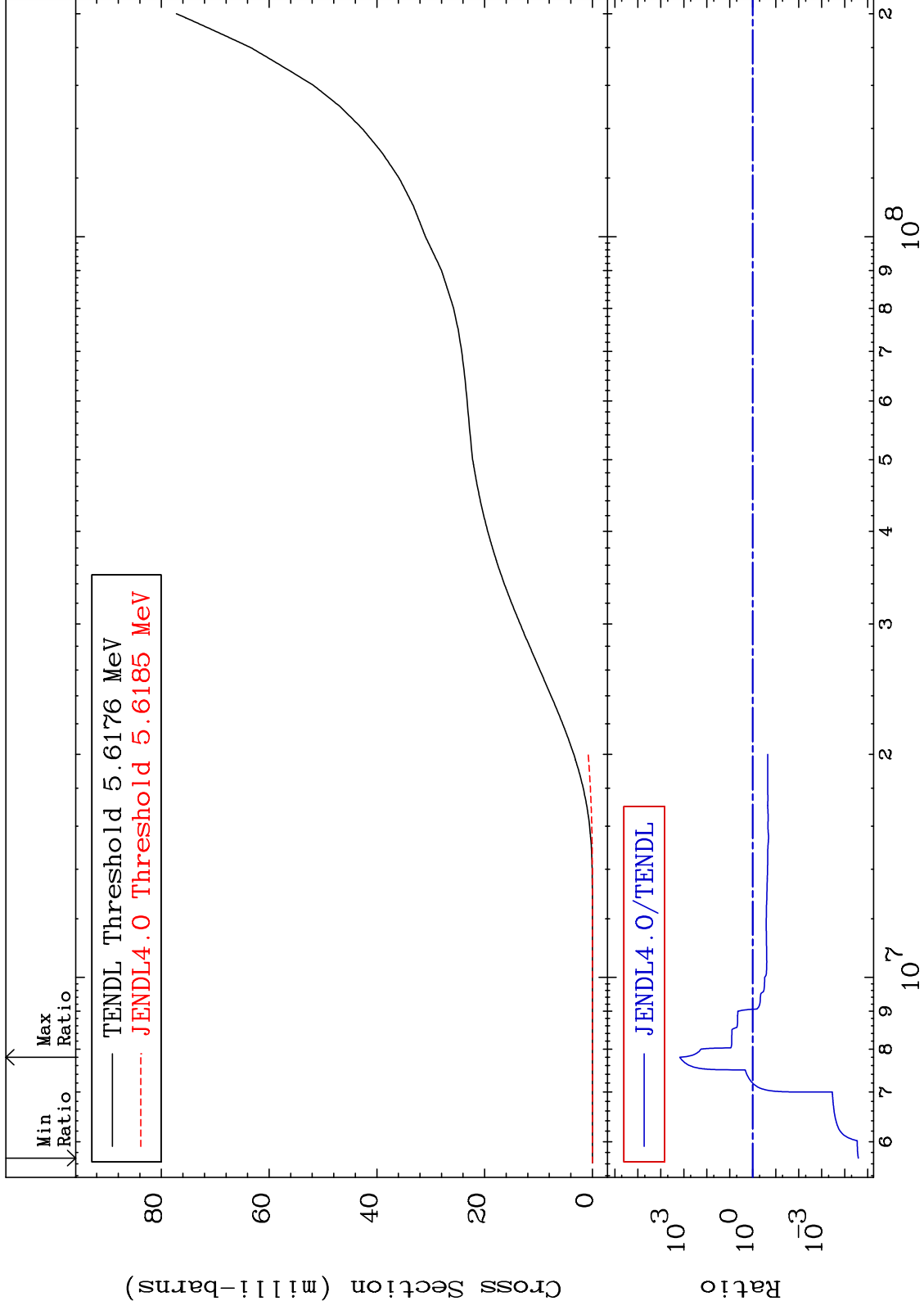
Incident Energy (eV)

64-Gd-155

MAT 6434

Tritium Production
Cross Section

64-Gd-155
-100.0 To 9999. %



50

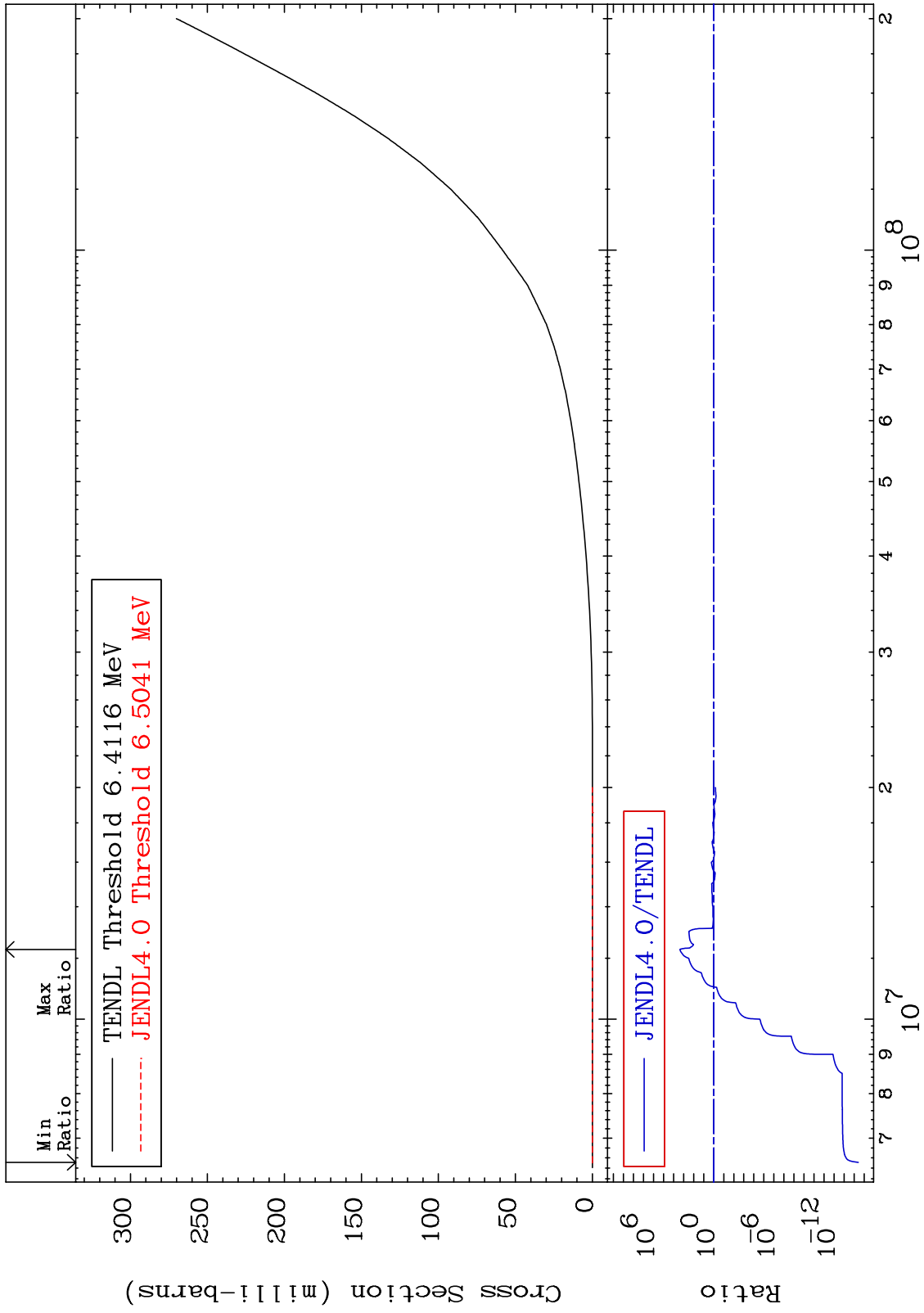
Incident Energy (eV)

64-Gd-155

MAT 6434

He-3 Production
Cross Section

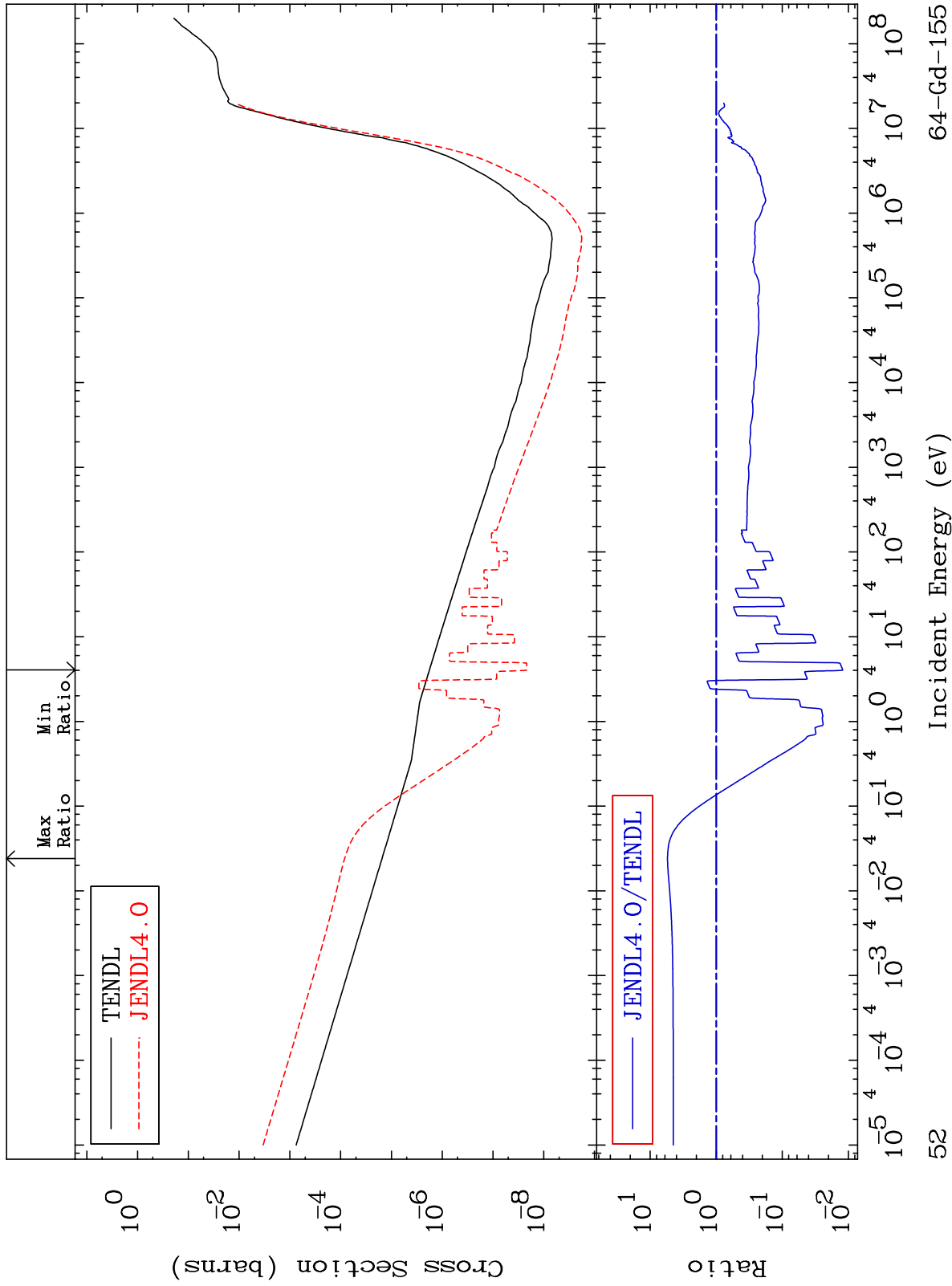
64-Gd-155
-100.0 To 9999. %



MAT 6434

He-4 Production
Cross Section

64-Gd-155
-98.78 To 445.6 %



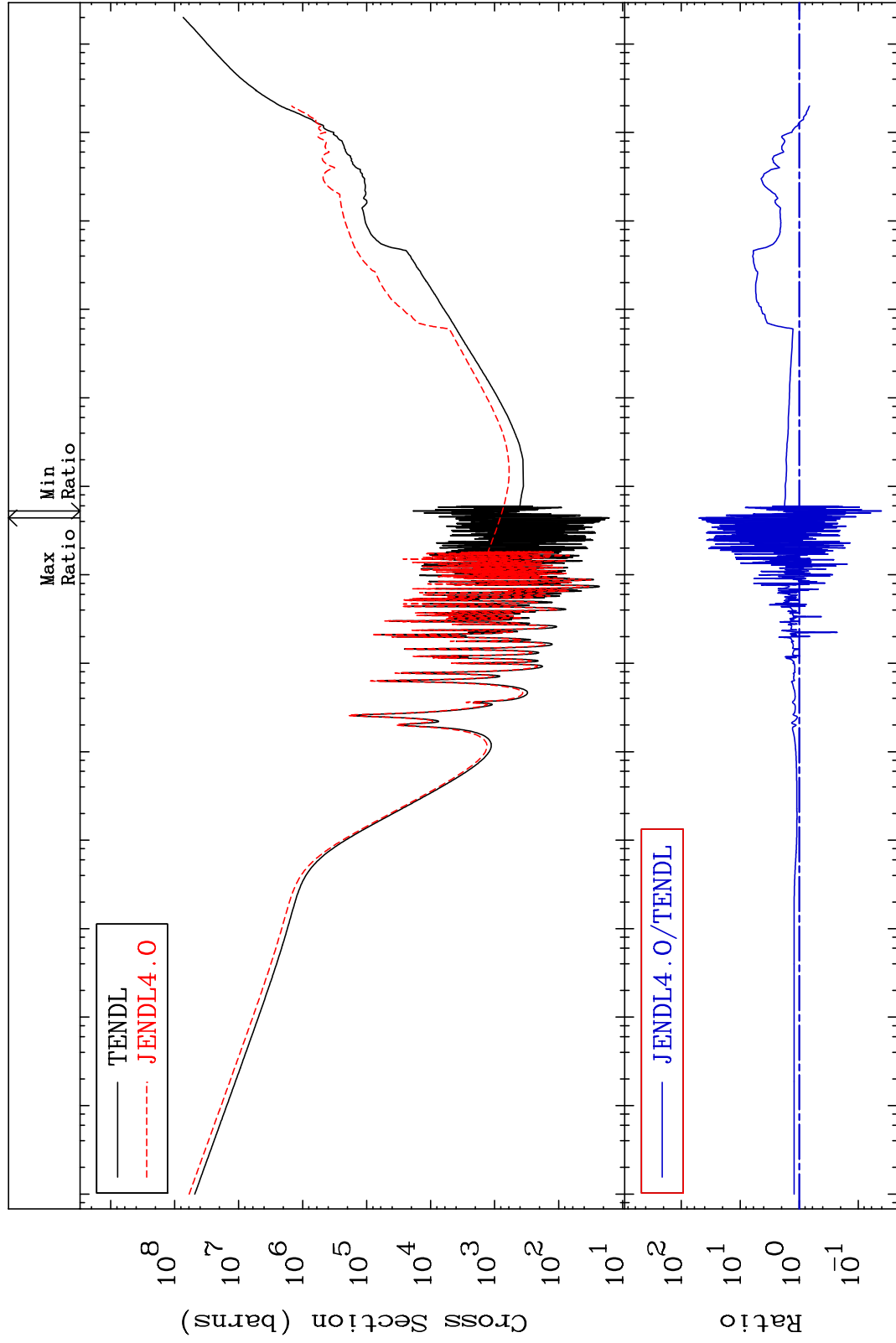
52

64-Gd-155

MAT 6434

Kerma total (eV-barns)
Cross Section

64-Gd-155
-95.96 To 4967. %



53

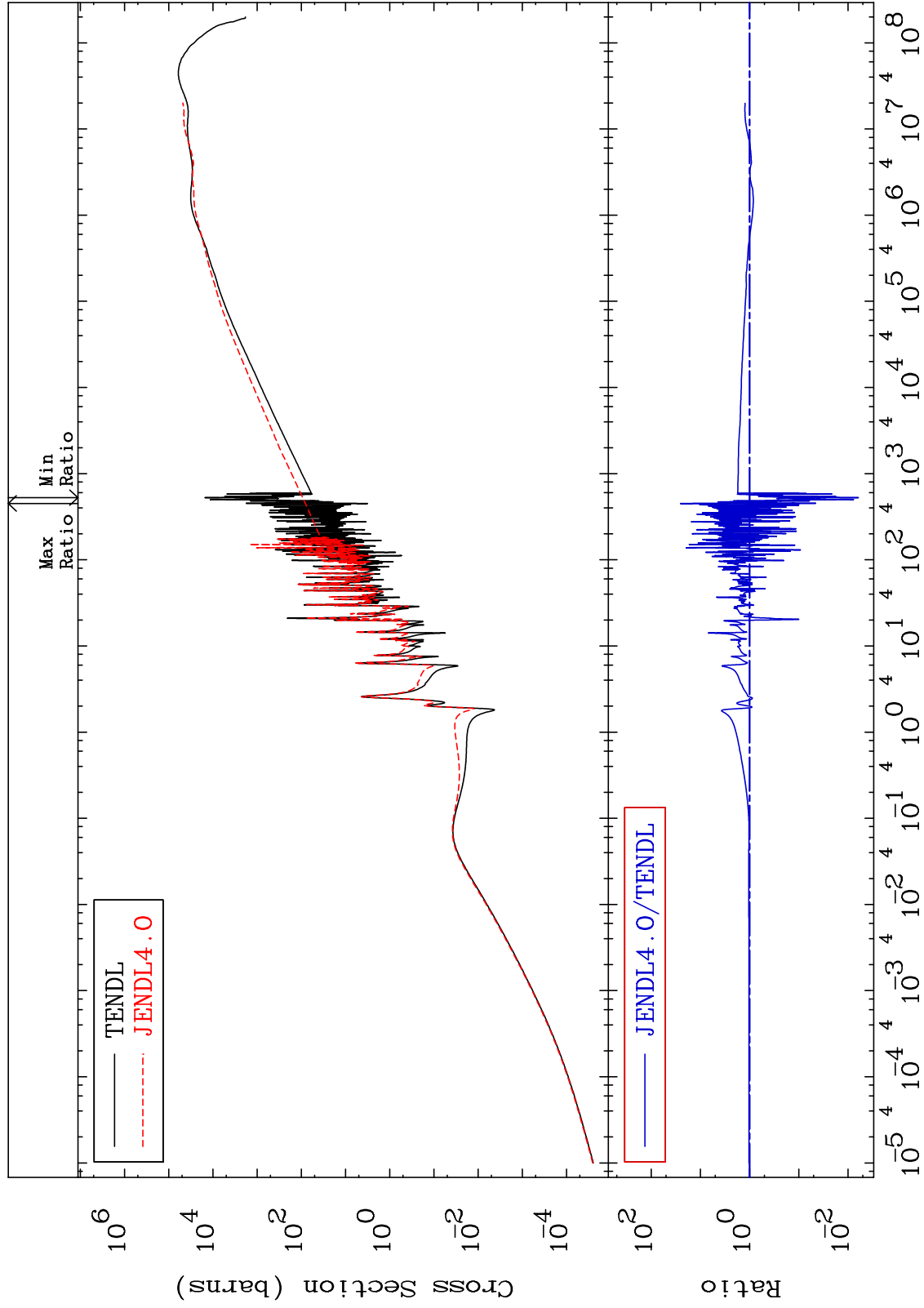
Incident Energy (eV)

64-Gd-155

MAT 6434

Kerma elastic
Cross Section

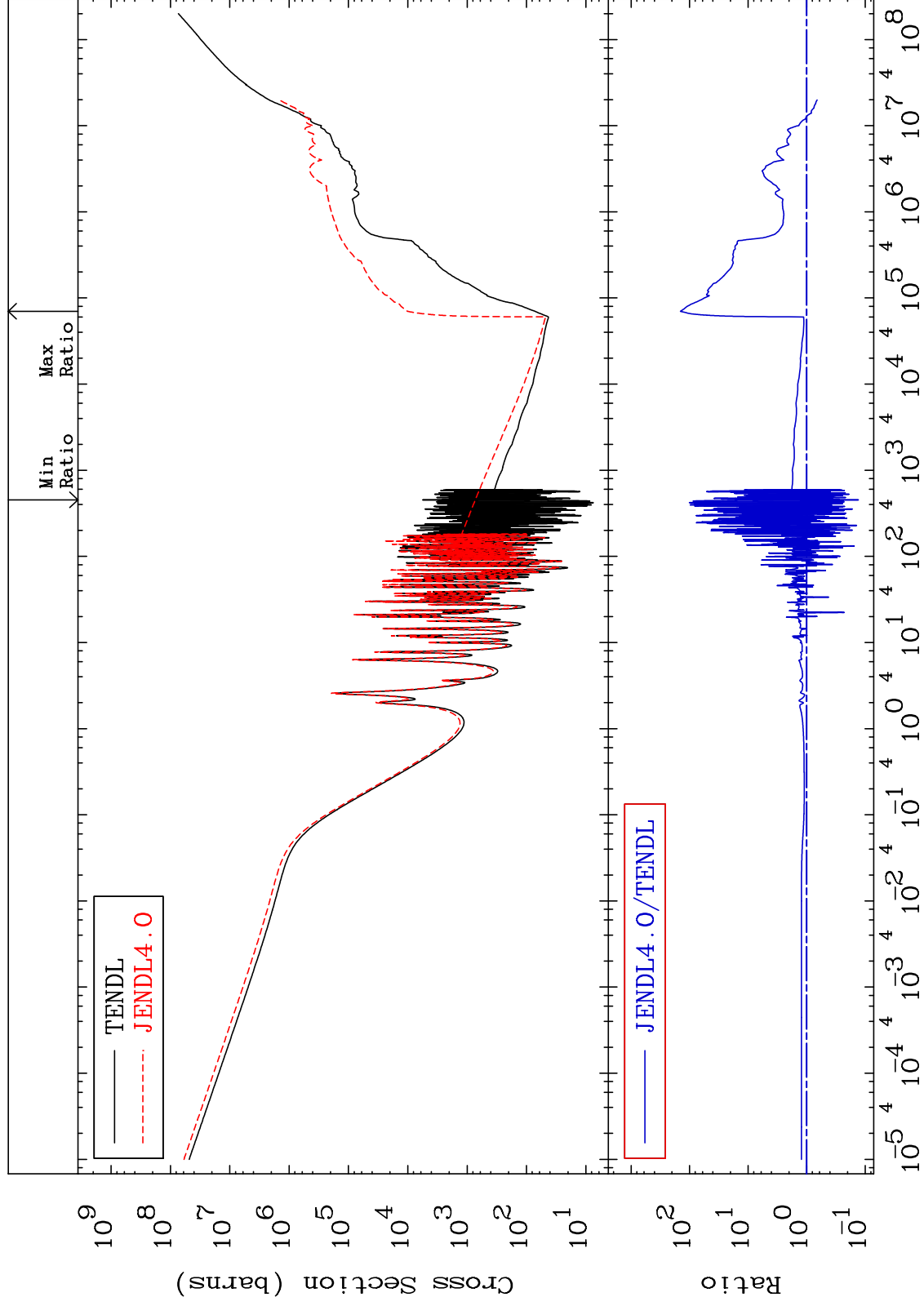
64-Gd-155
-99.39 To 2453. %



MAT 6434

Kerma non-elastic (all but mt2)
Cross Section

64-Gd-155
-87.03 To 9999. %



55

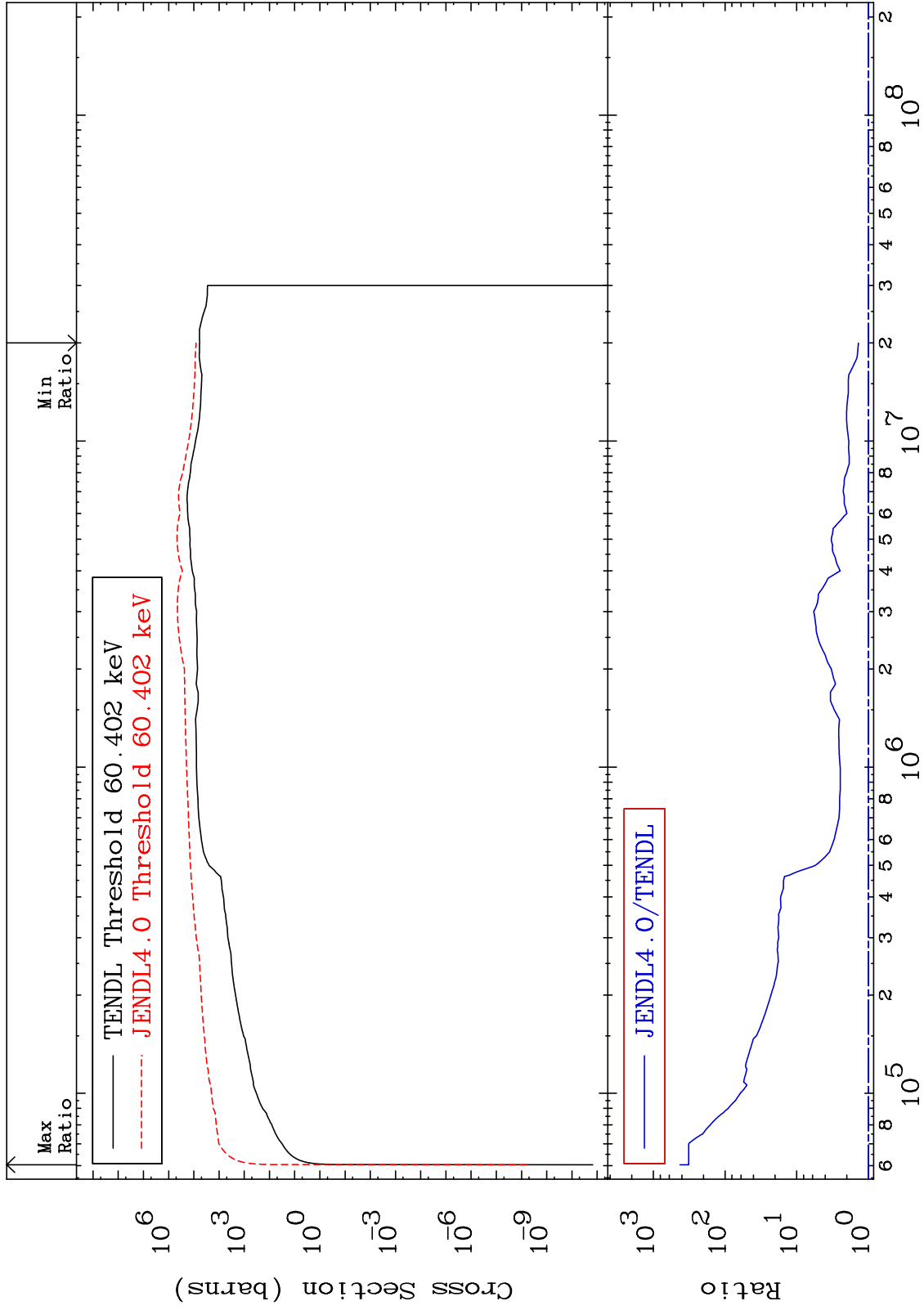
Incident Energy (eV)

64-Gd-155

MAT 6434

Kerma inelastic (mt51-91)
Cross Section

64-Gd-155
37.95 To 9999. %



56

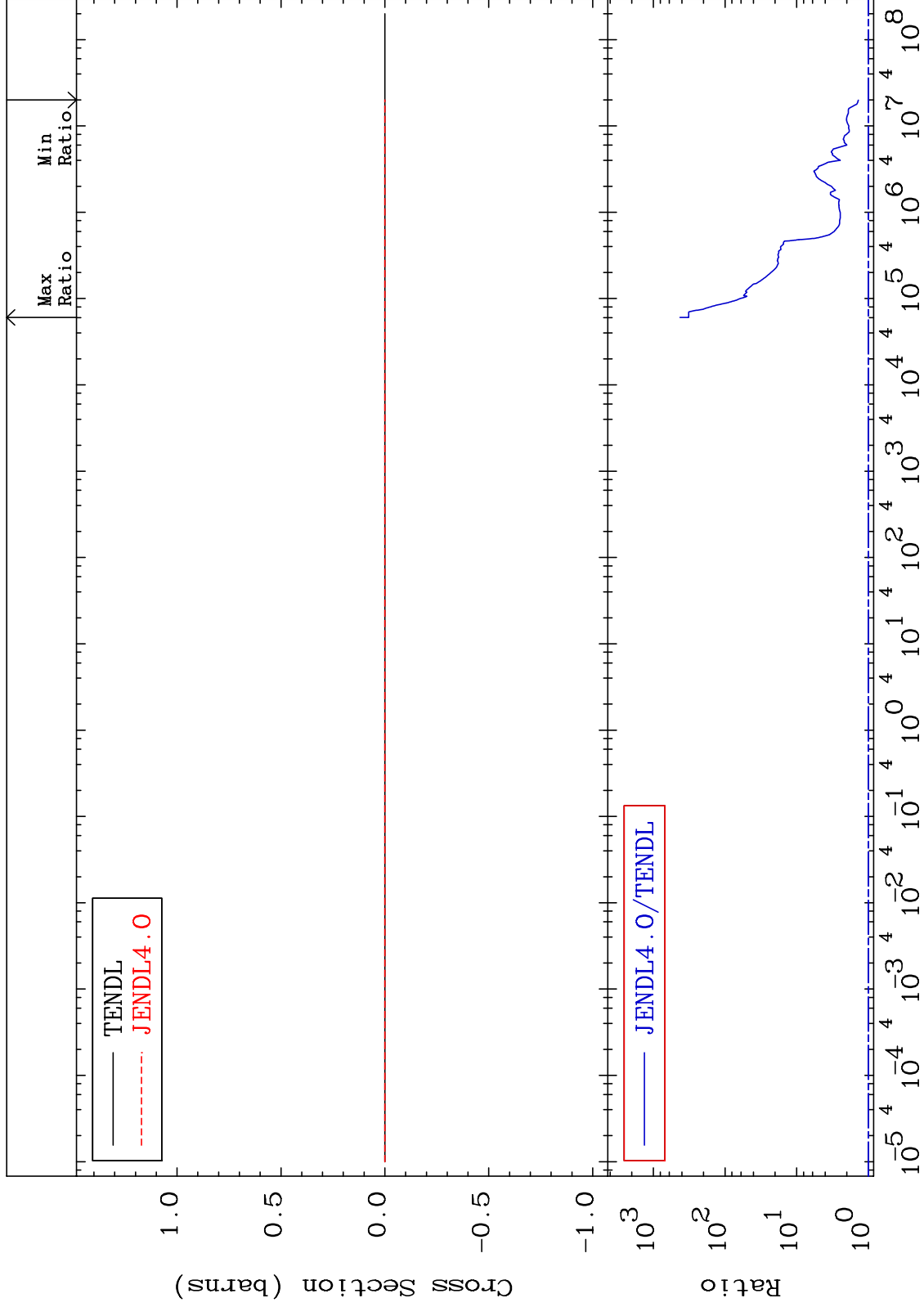
Incident Energy (eV)

64-Gd-155

MAT 6434

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

64-Gd-155
37.95 To 9999. %



57

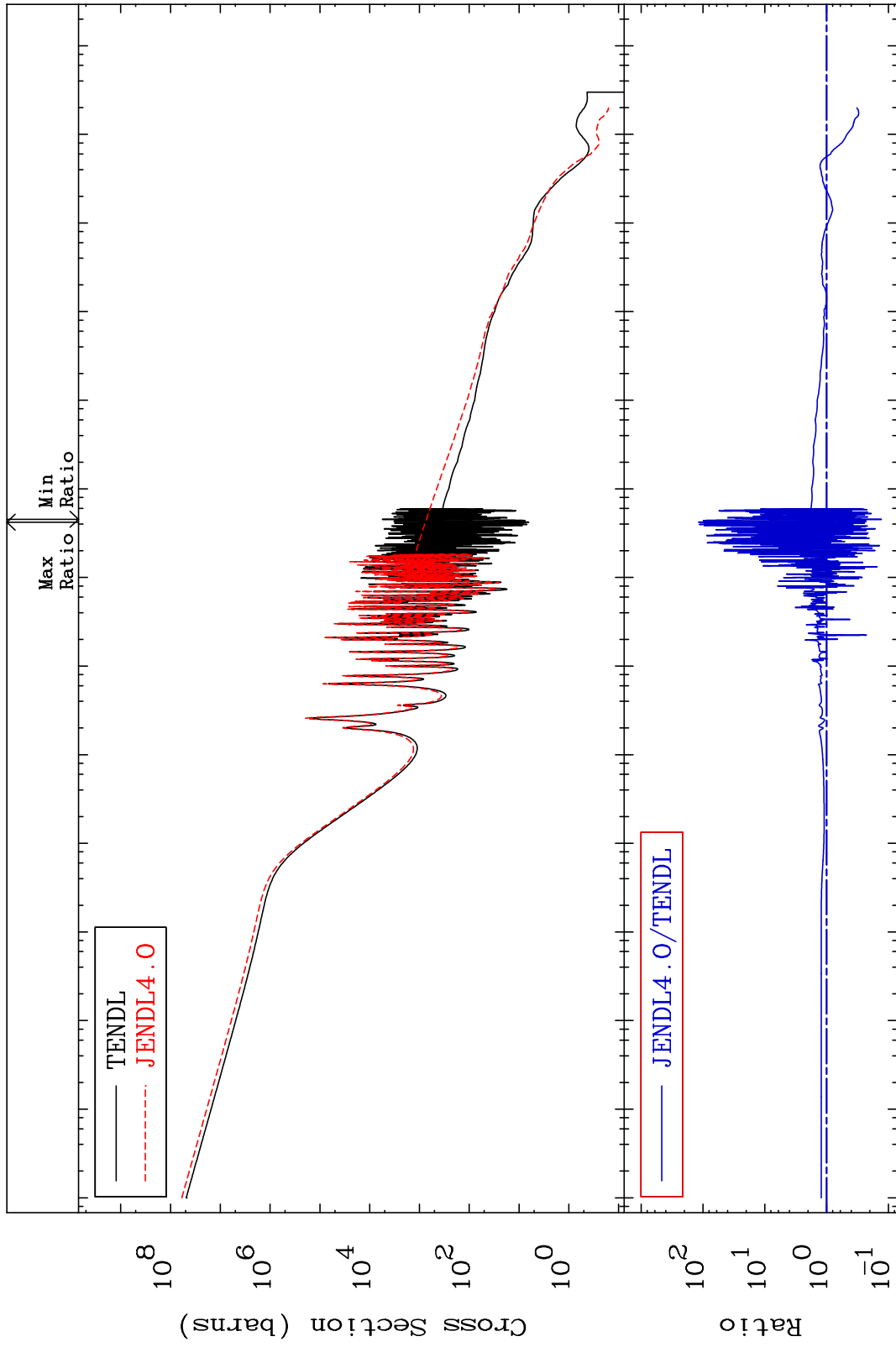
Incident Energy (eV)

64-Gd-155

MAT 6434

Kerma capture (mt102)
Cross Section

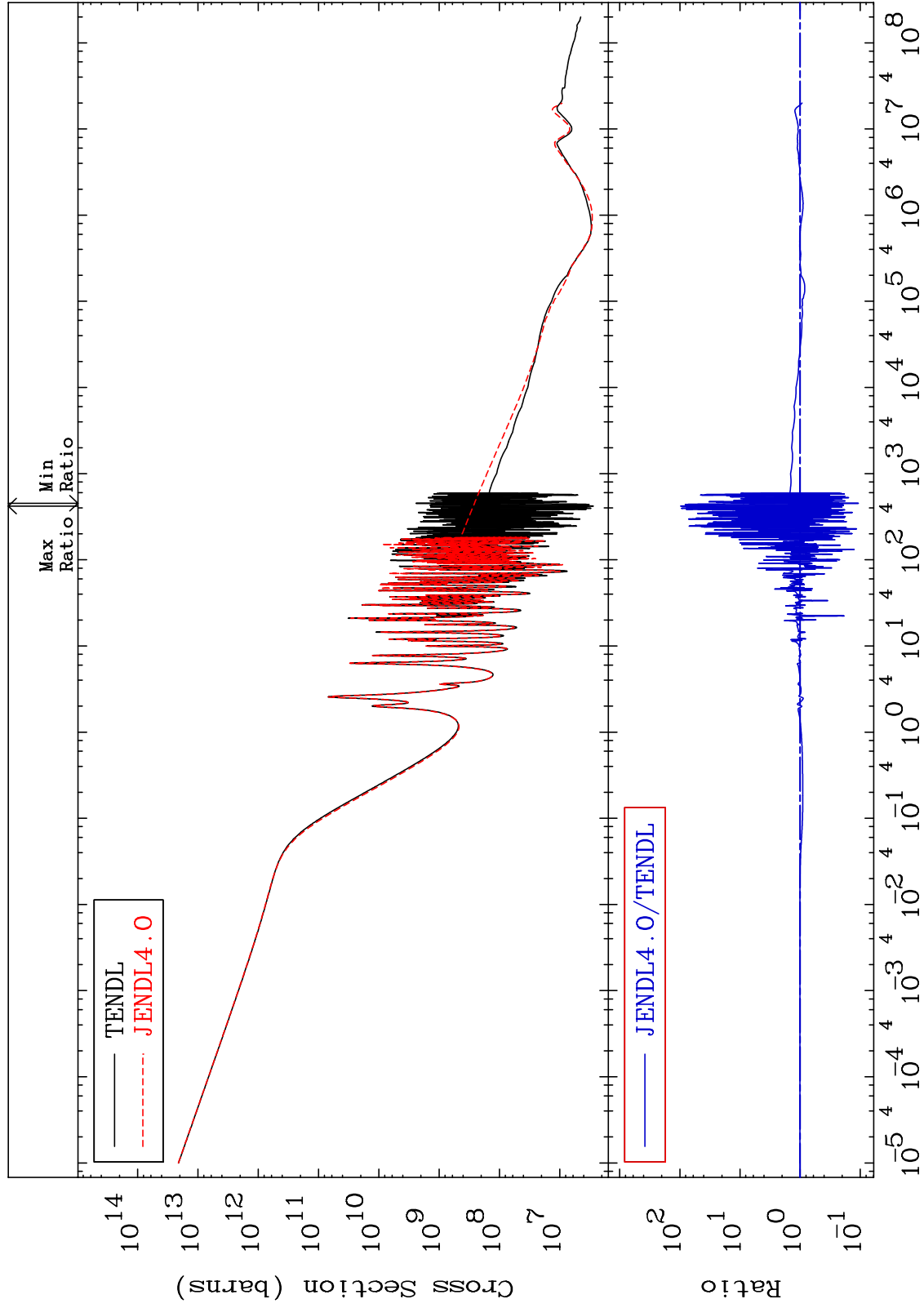
64-Gd-155
-87.03 To 9999. %



MAT 6434

Total photon (eV-barns)
Cross Section

64-Gd-155
-89.33 To 9670. %



59

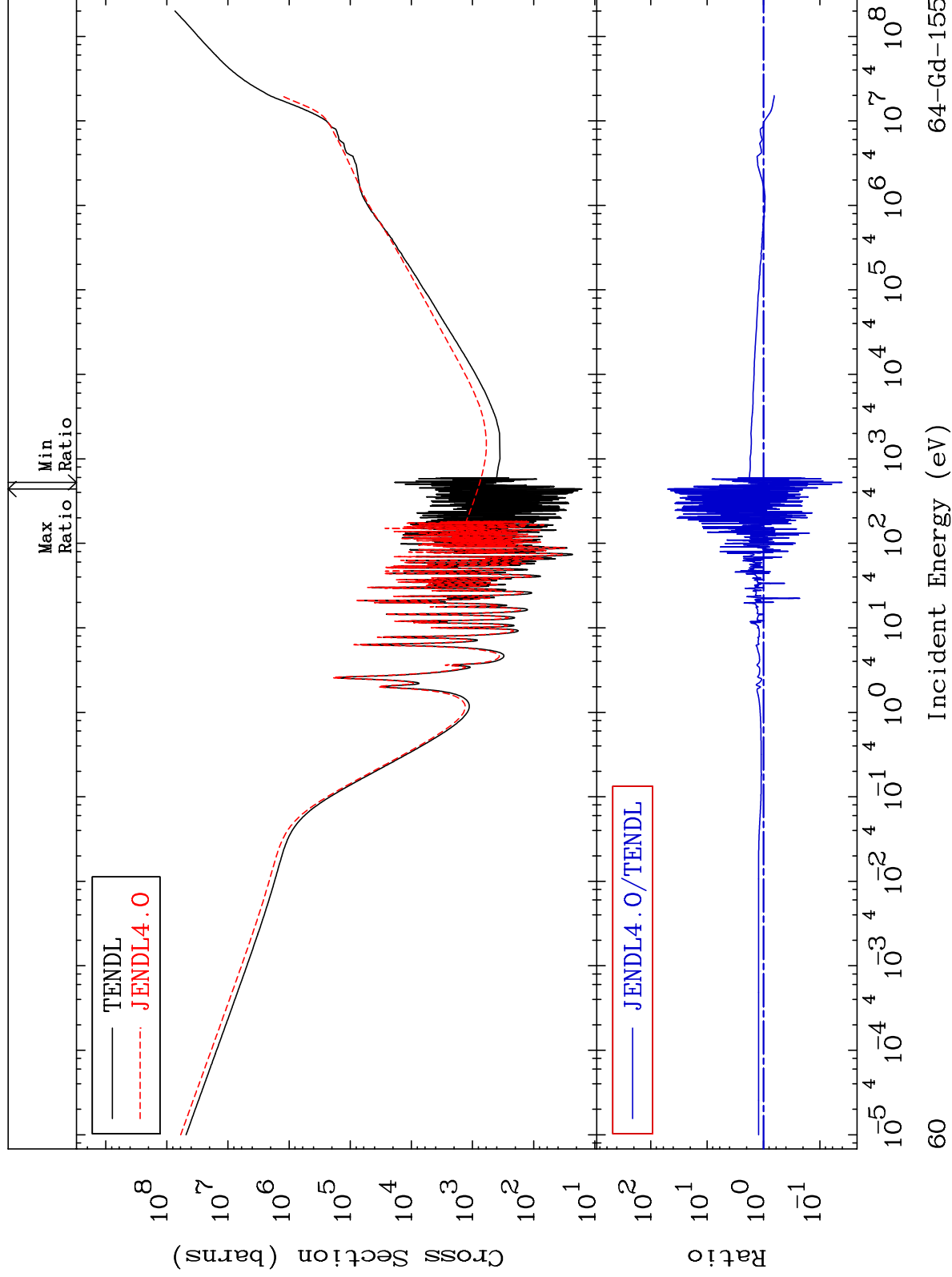
Incident Energy (eV)

64-Gd-155

MAT 6434

Total kinematic kerma (high limit)
Cross Section

64-Gd-155
-95.96 To 4965. %



60

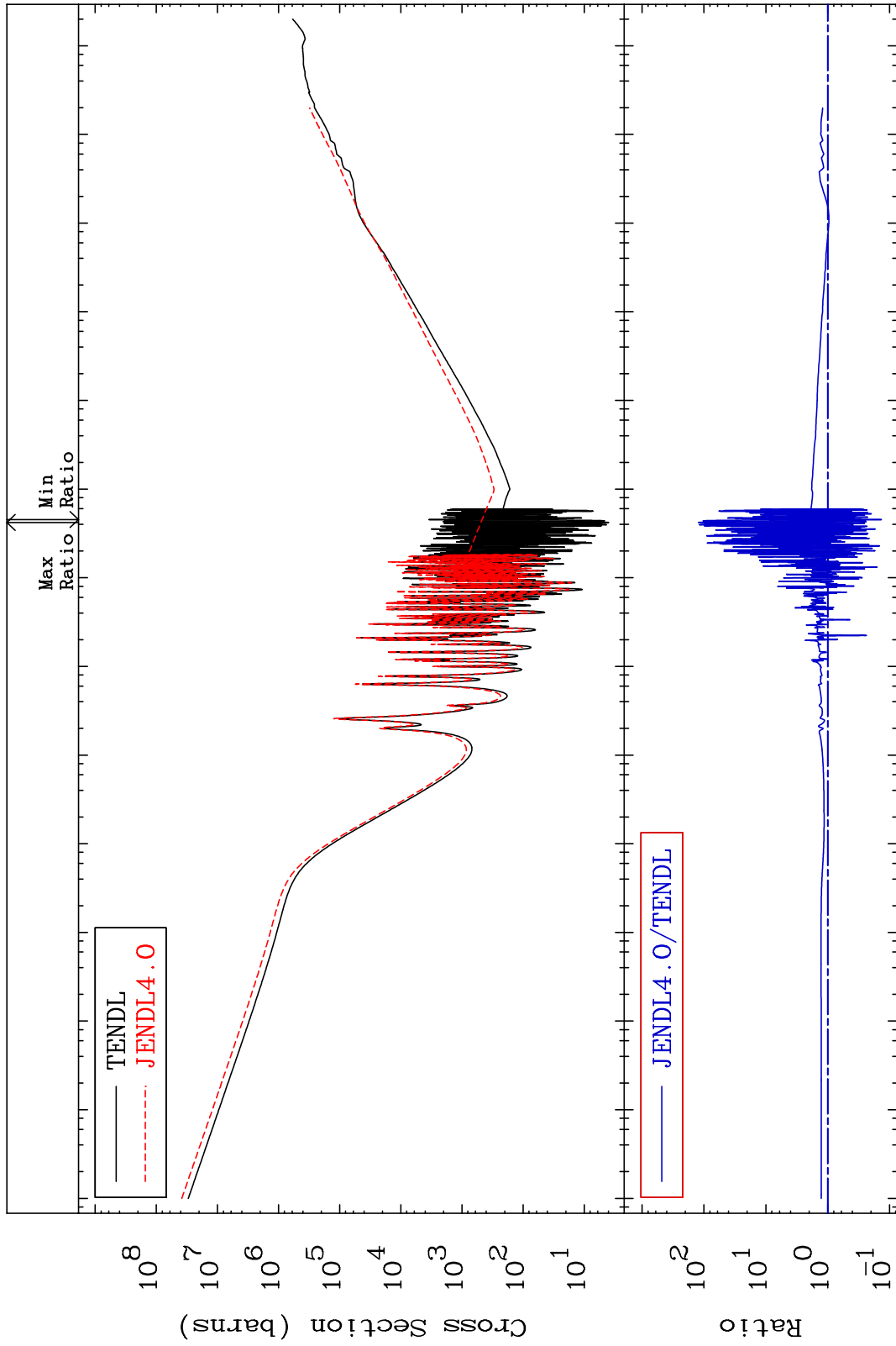
Incident Energy (eV)

64-Gd-155

MAT 6434

Dpa total (eV-barns)
Cross Section

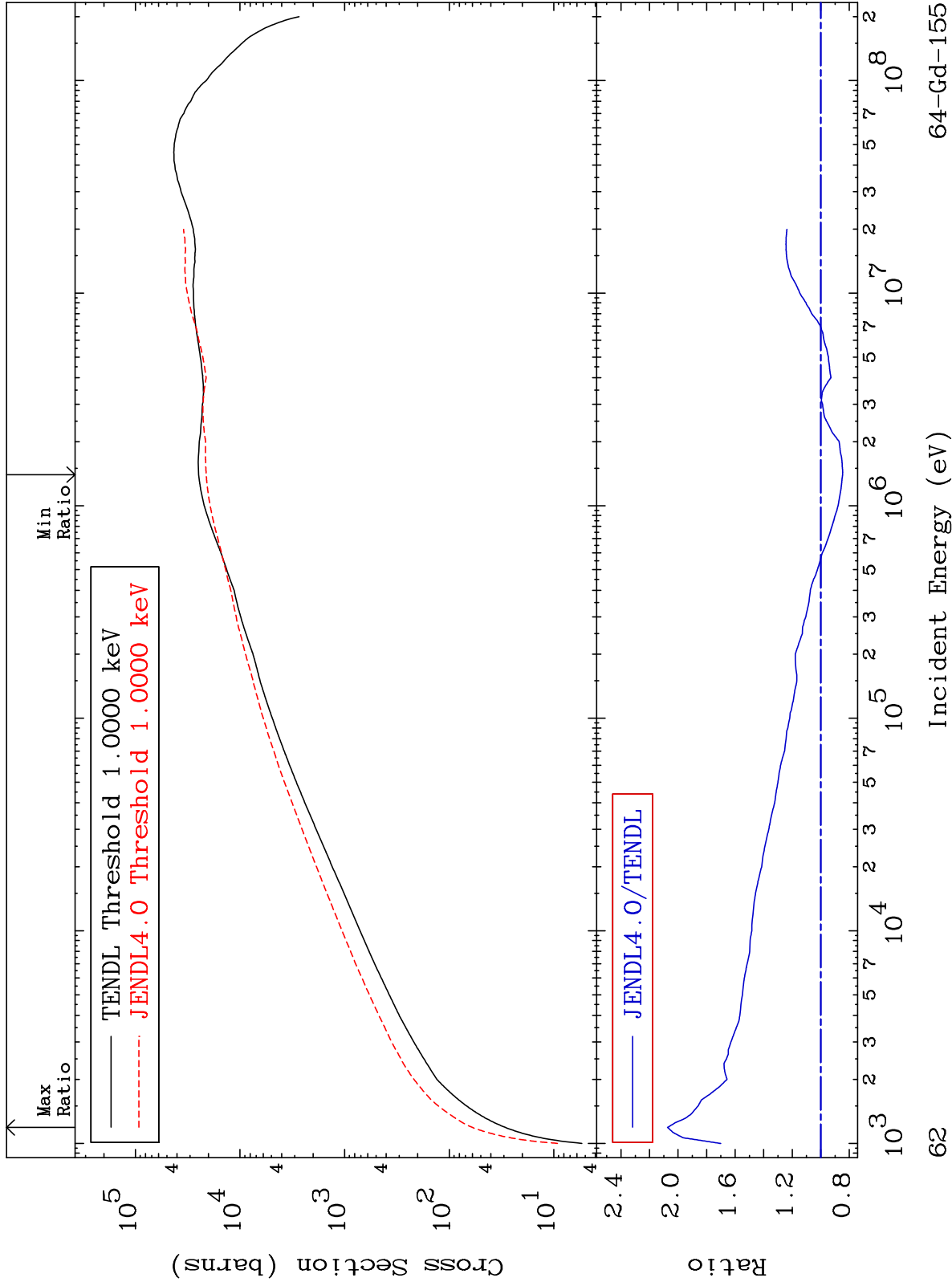
64-Gd-155
-86.50 To 9999. %



MAT 6434

Dpa elastic (mt2)
Cross Section

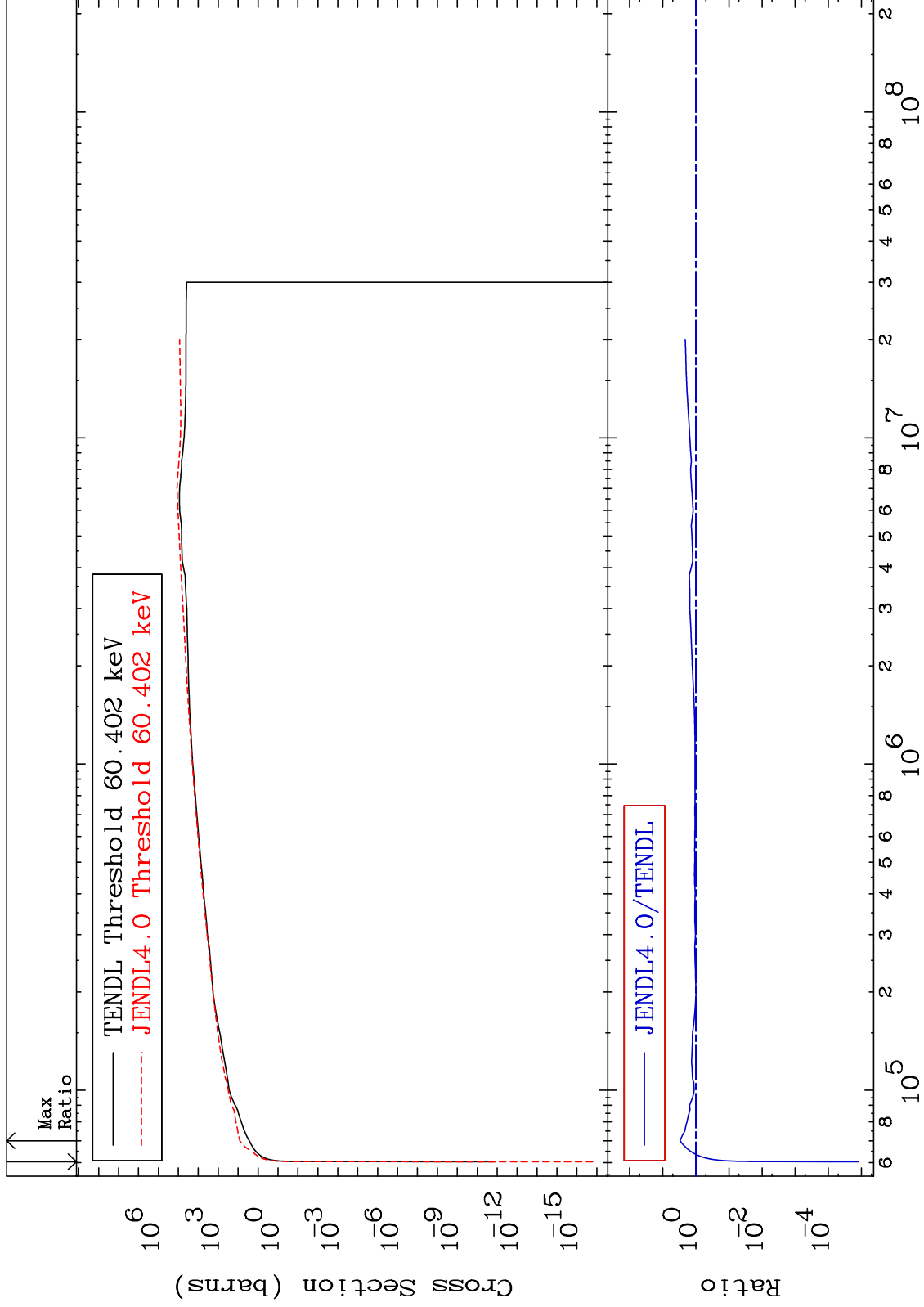
64-Gd-155
-15.34 To 107.4 %



MAT 6434

Dpa inelastic (mt51-91)
Cross Section

64-Gd-155
-100.0 To 201.0 %



63

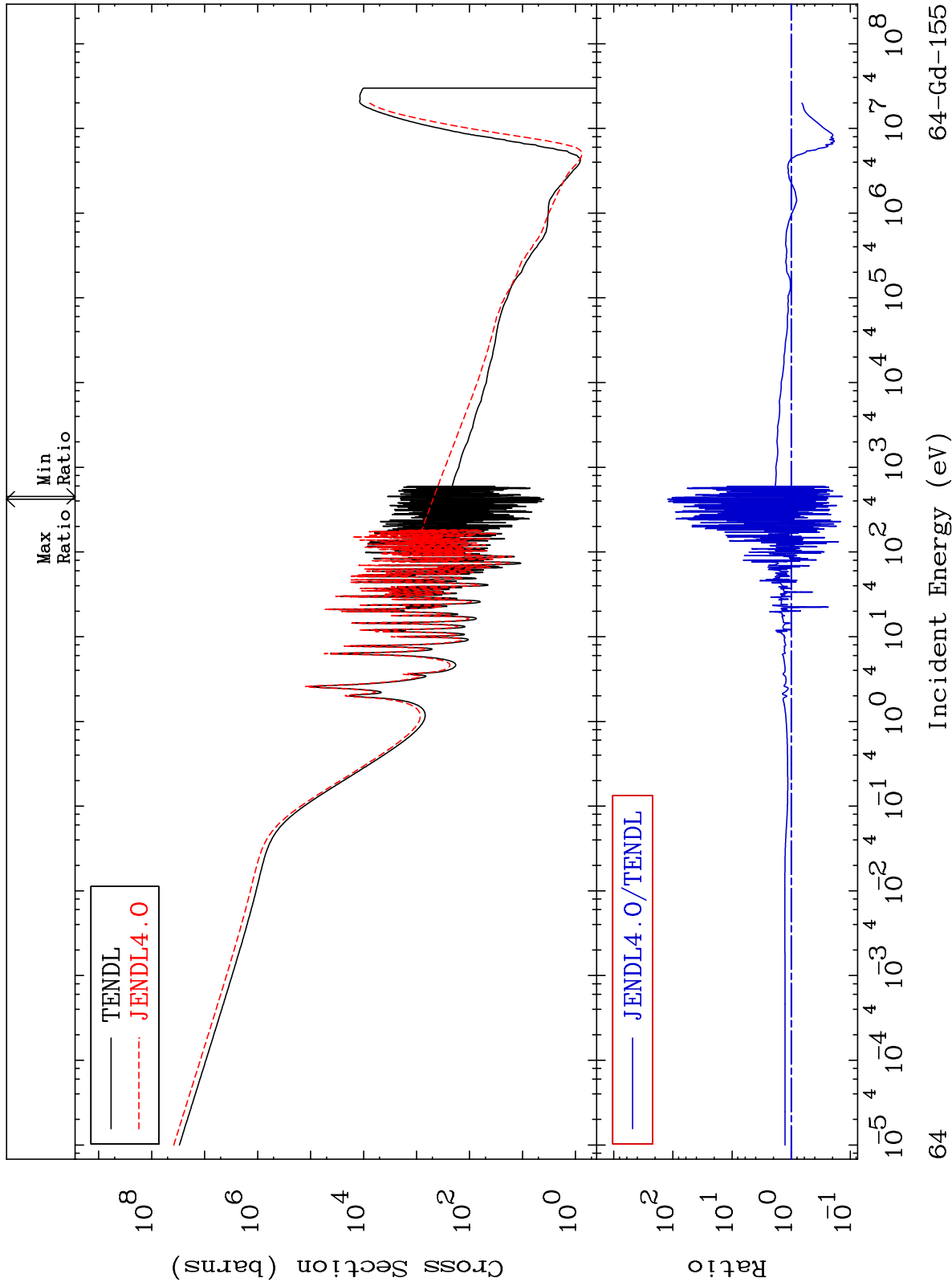
Incident Energy (eV)

64-Gd-155

MAT 6434

Dpa disappearance (mt102 -120)
Cross Section

64-Gd-155
-86.50 To 9999. %



64

Incident Energy (eV)

64-Gd-155