

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

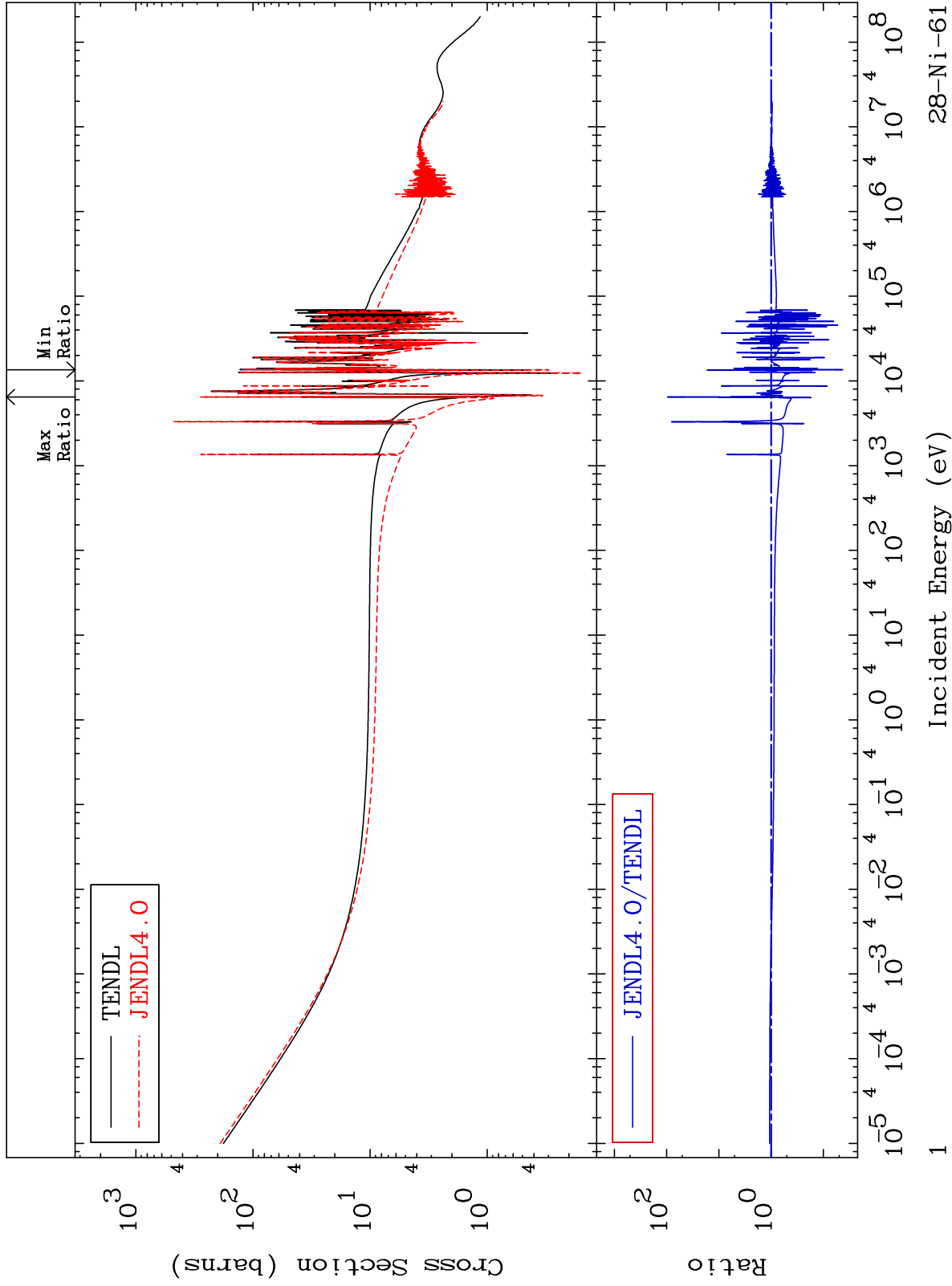
MAT 2834

Total

28-Ni-61

Cross Section

-95.73 To 9491. %



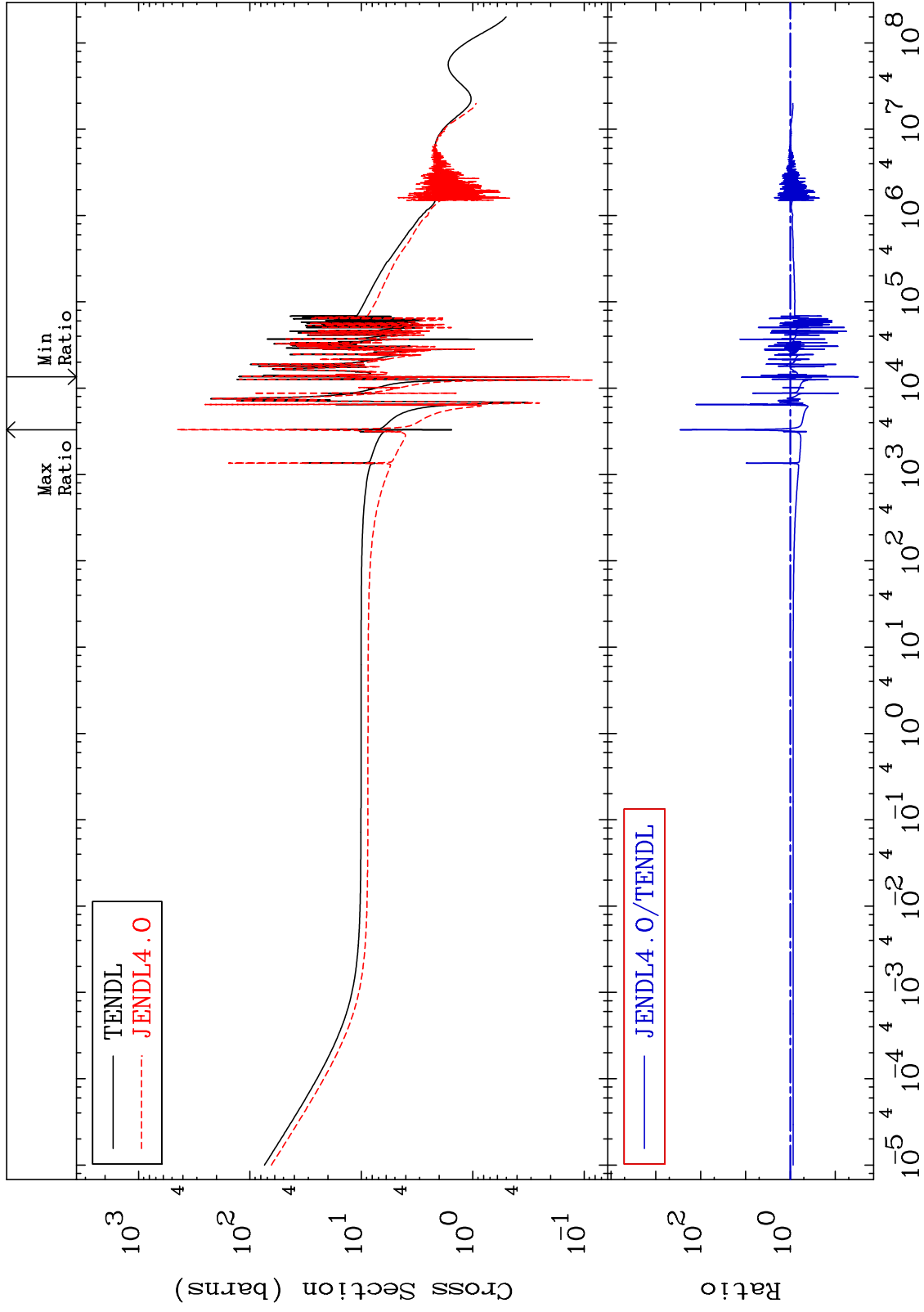
Incident Energy (eV)

28-Ni-61

MAT 2834

Elastic
Cross Section

28-Ni-61
-96.96 To 9999. %



Incident Energy (eV)

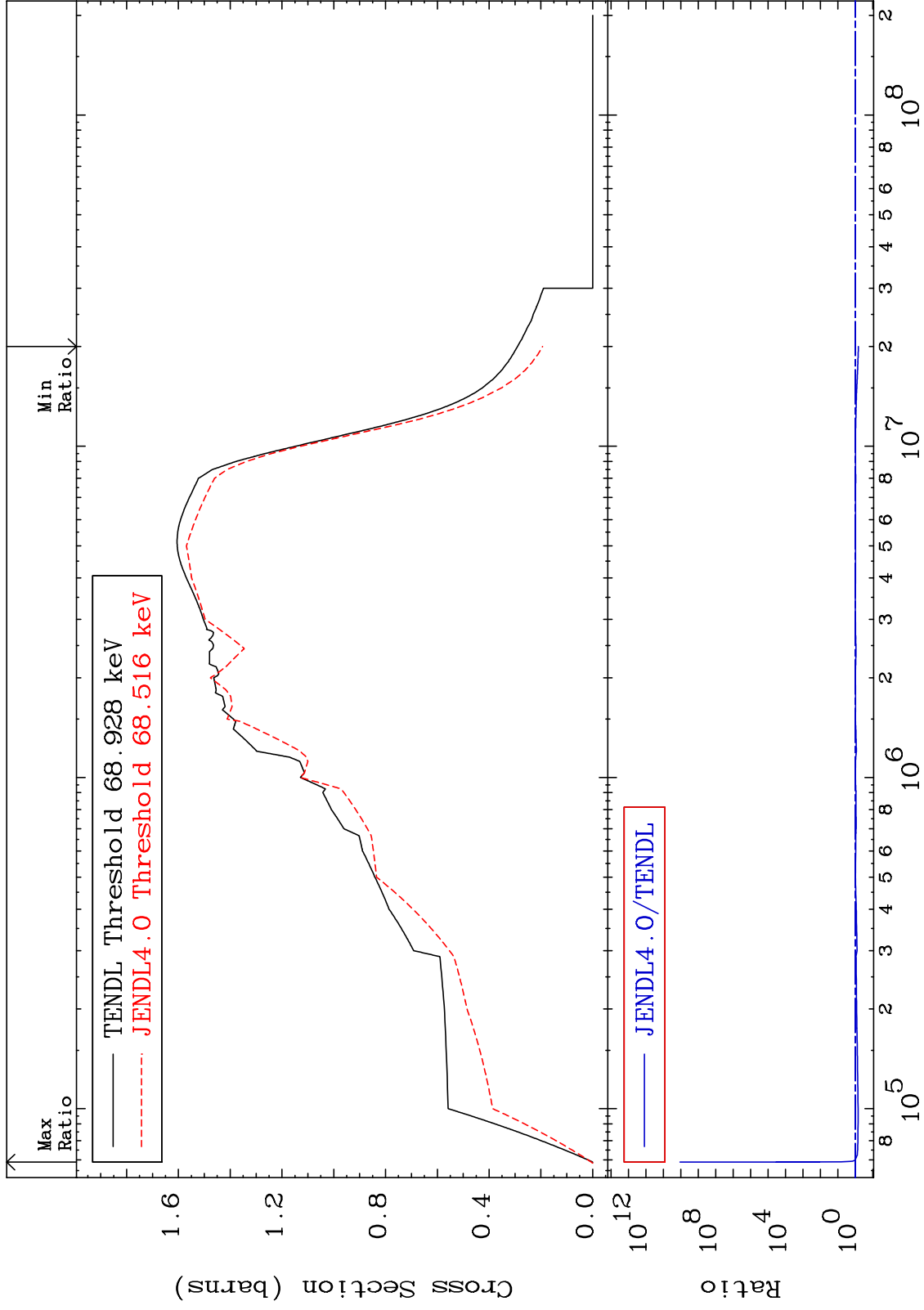
28-Ni-61

2

MAT 2834

Inelastic
Cross Section

28-Ni-61
-33.41 To 9999. %



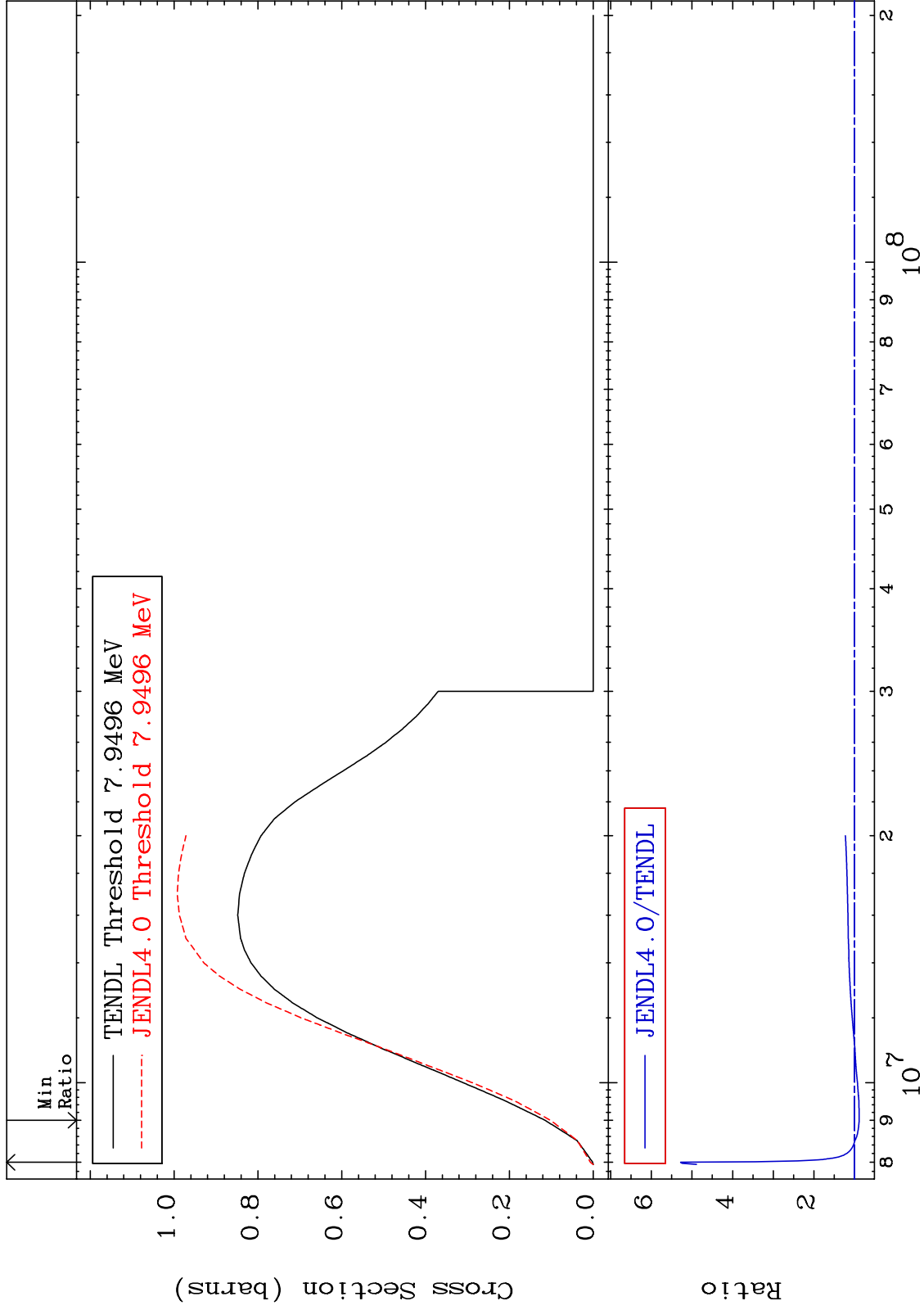
MAT 2834

(n,2n)

28-Ni-61

Cross Section

-11.22 To 427.9 %



4

Incident Energy (eV)

28-Ni-61

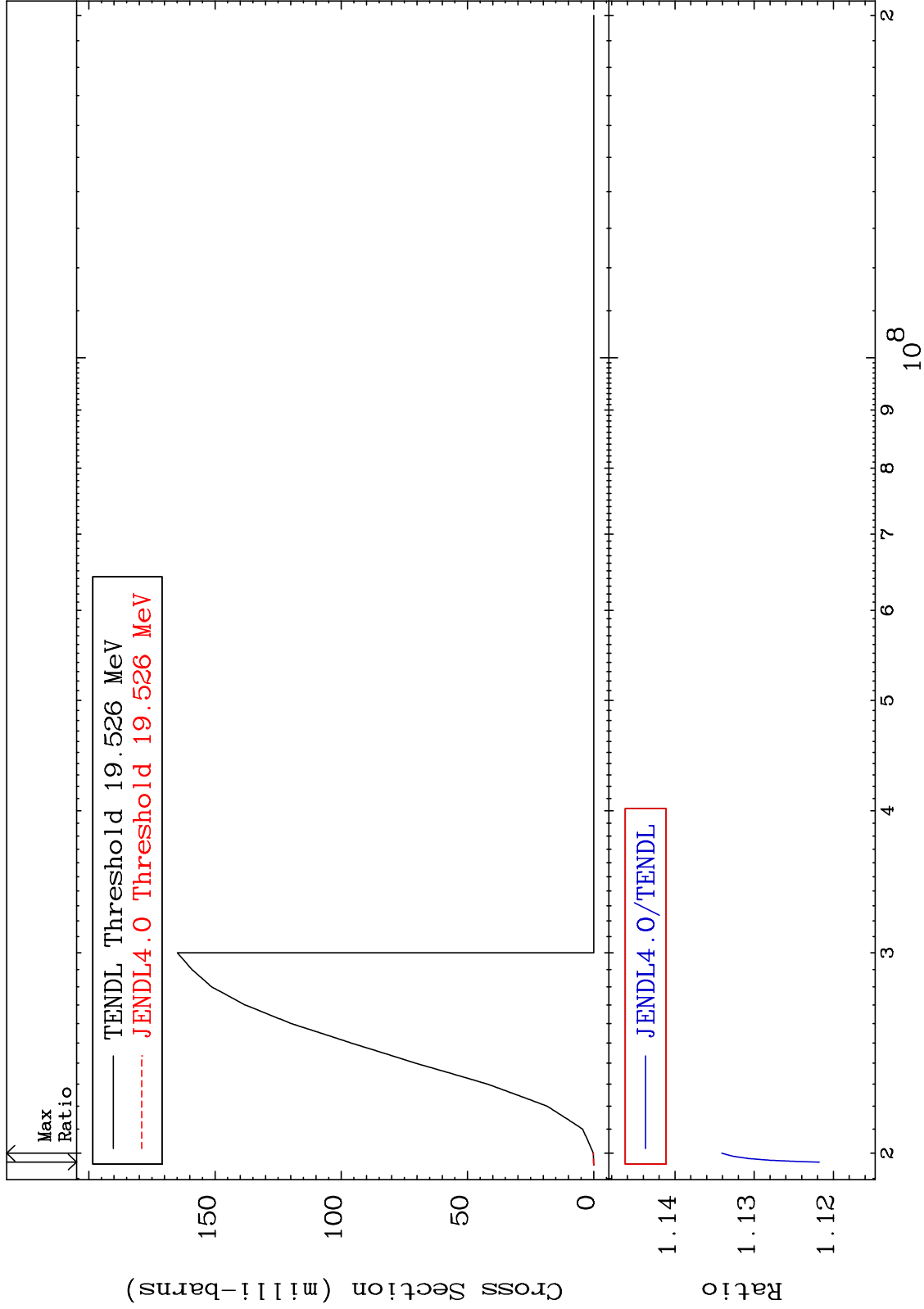
MAT 2834

(n,3n)

28-Ni-61

Cross Section

12.18 To 13.41 %



5

Incident Energy (eV)

28-Ni-61

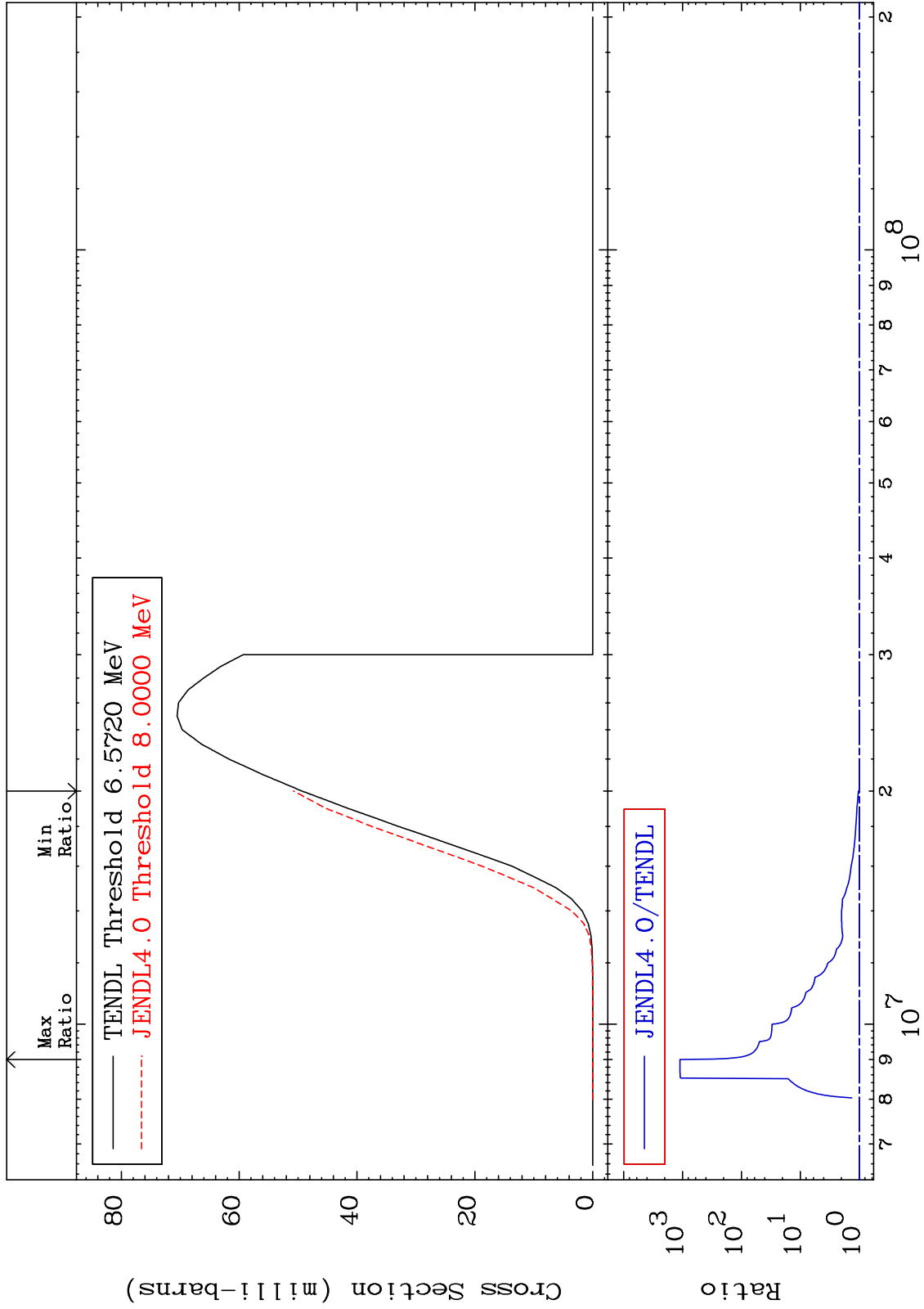
MAT 2834

(n,n') α

28-Ni-61

Cross Section

2.891 To 9999. %



6

Incident Energy (eV)

28-Ni-61

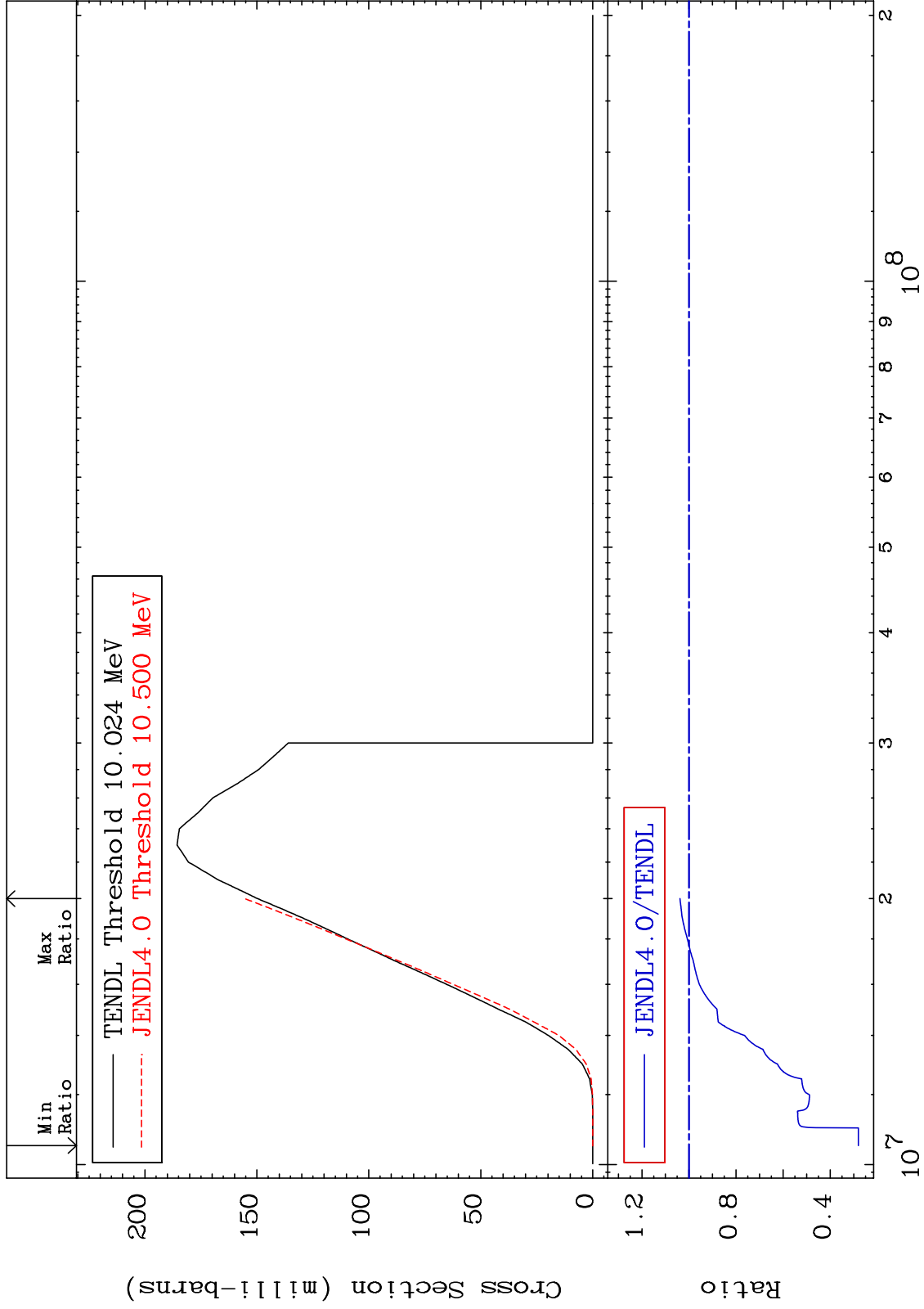
MAT 2834

(n,n') p

28-Ni-61

Cross Section

-71.98 To 3.807 %



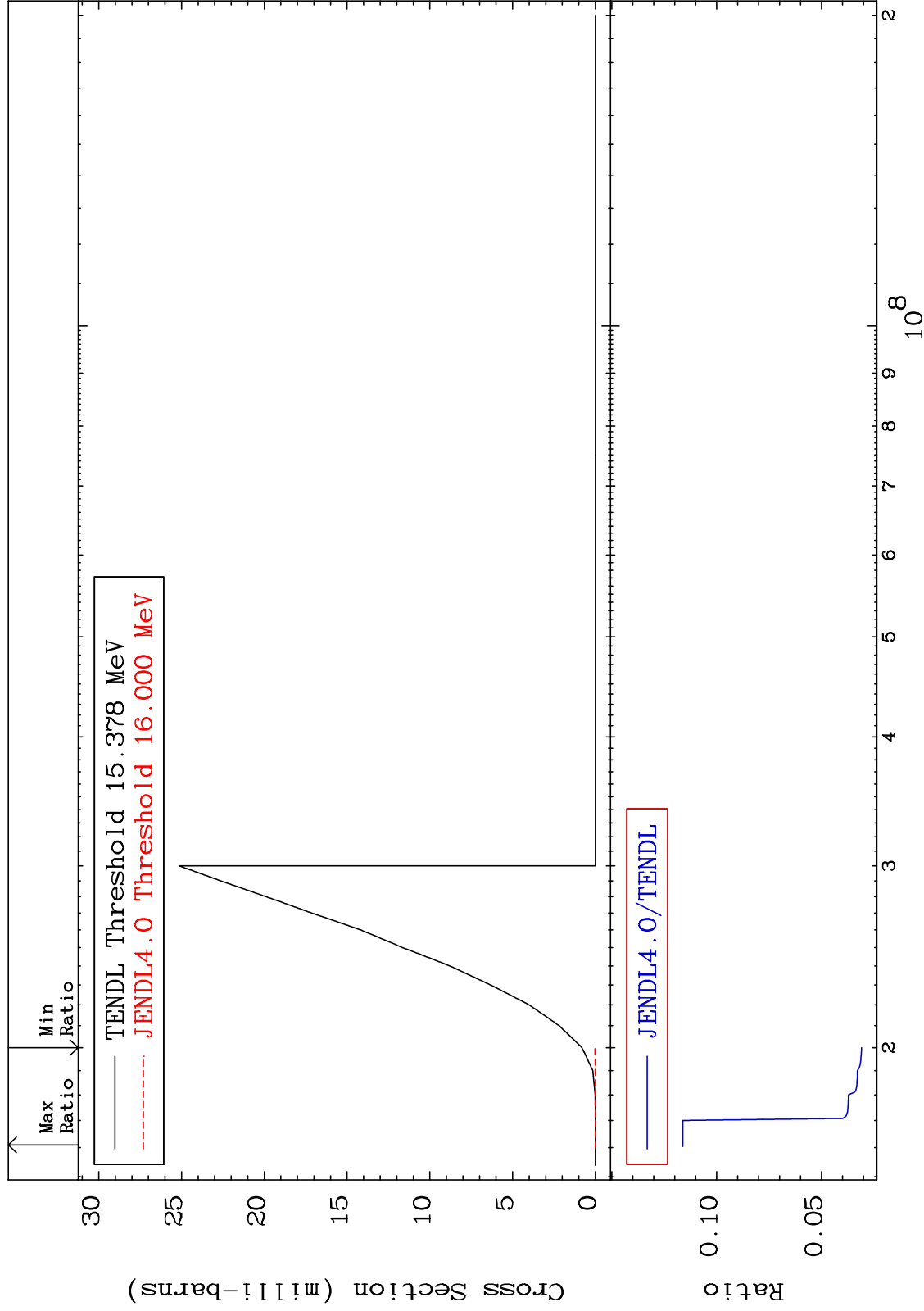
MAT 2834

(n,n') d

28-Ni-61

Cross Section

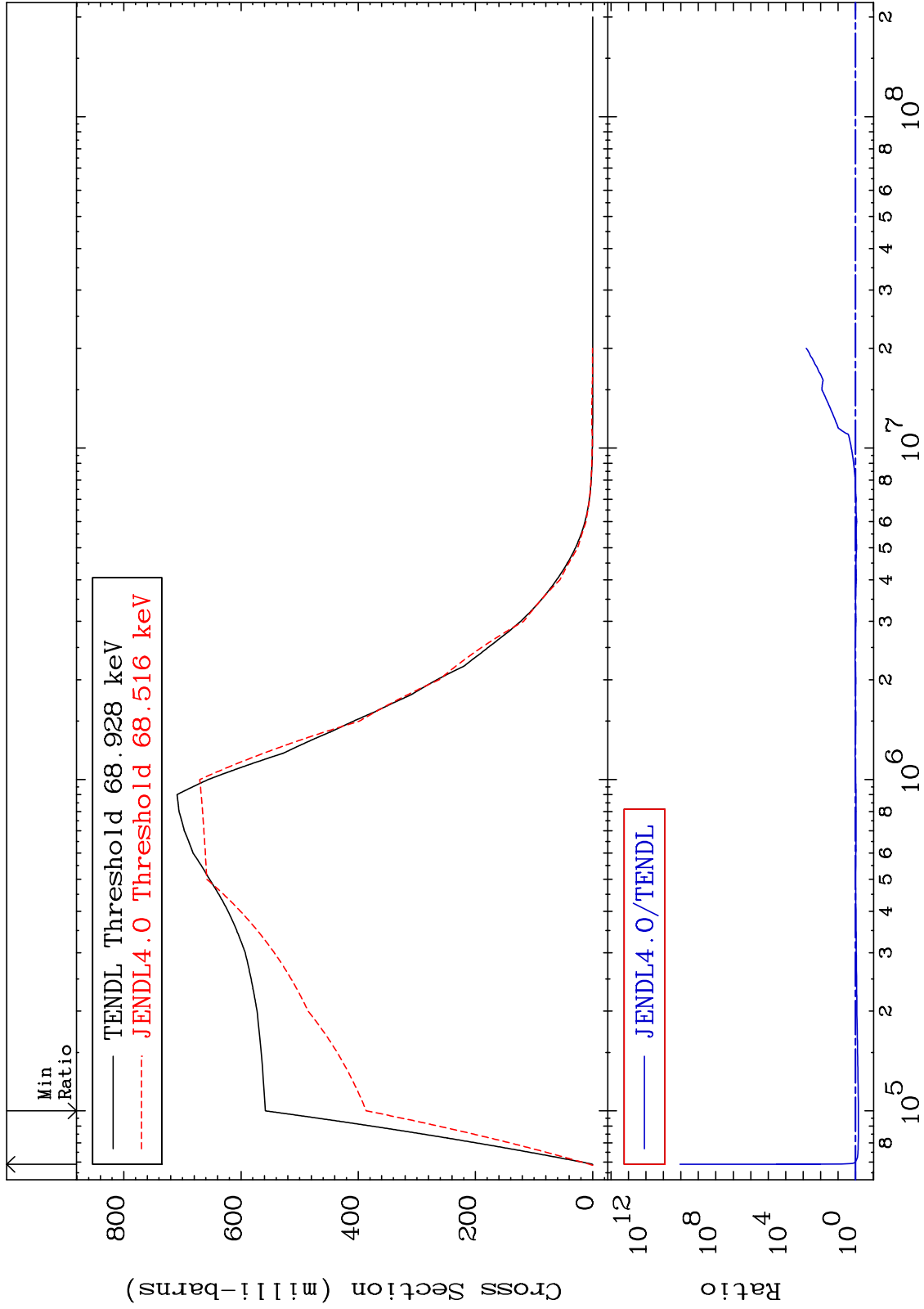
-96.91 To -88.39%



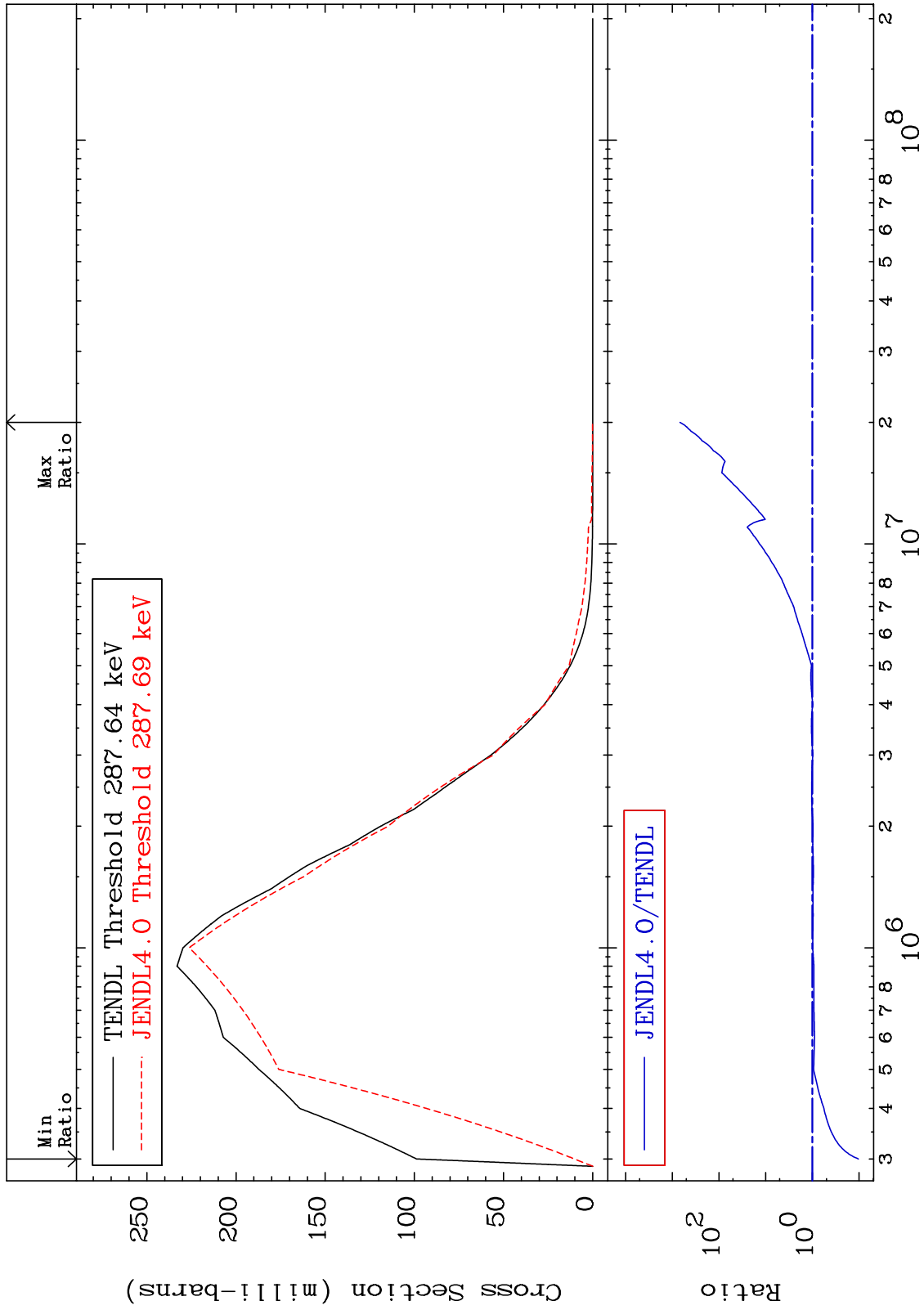
MAT 2834

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

28-Ni-61
-30.81 To 9999. %



MAT 2834 MT= 52 (n,n') Level Cross Section 28-Ni-61
-89.67 To 9999. %

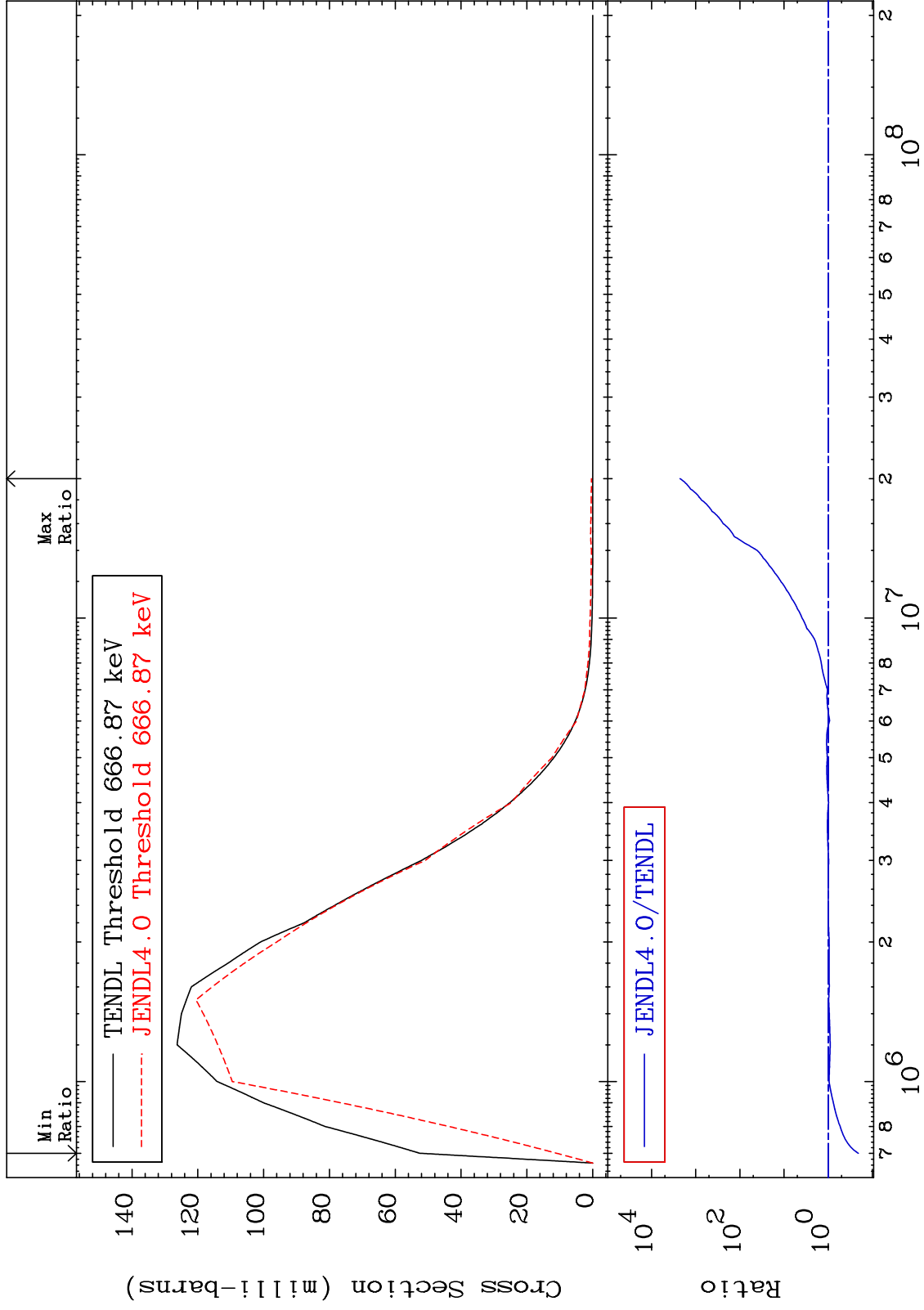


10 28-Ni-61

MAT 2834

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

28-Ni-61
-79.25 To 9999. %



11

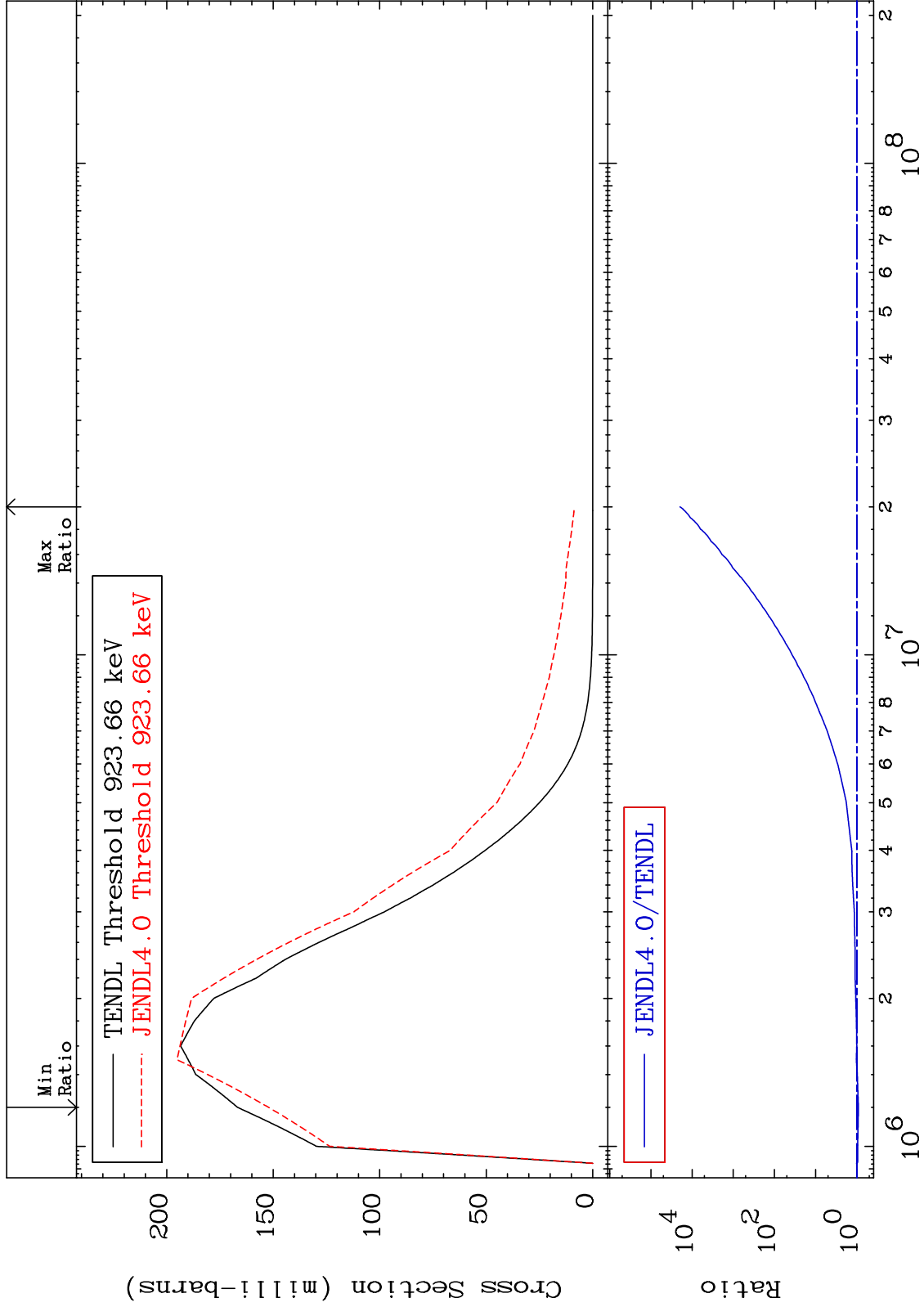
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61
-8.738 To 9999. %

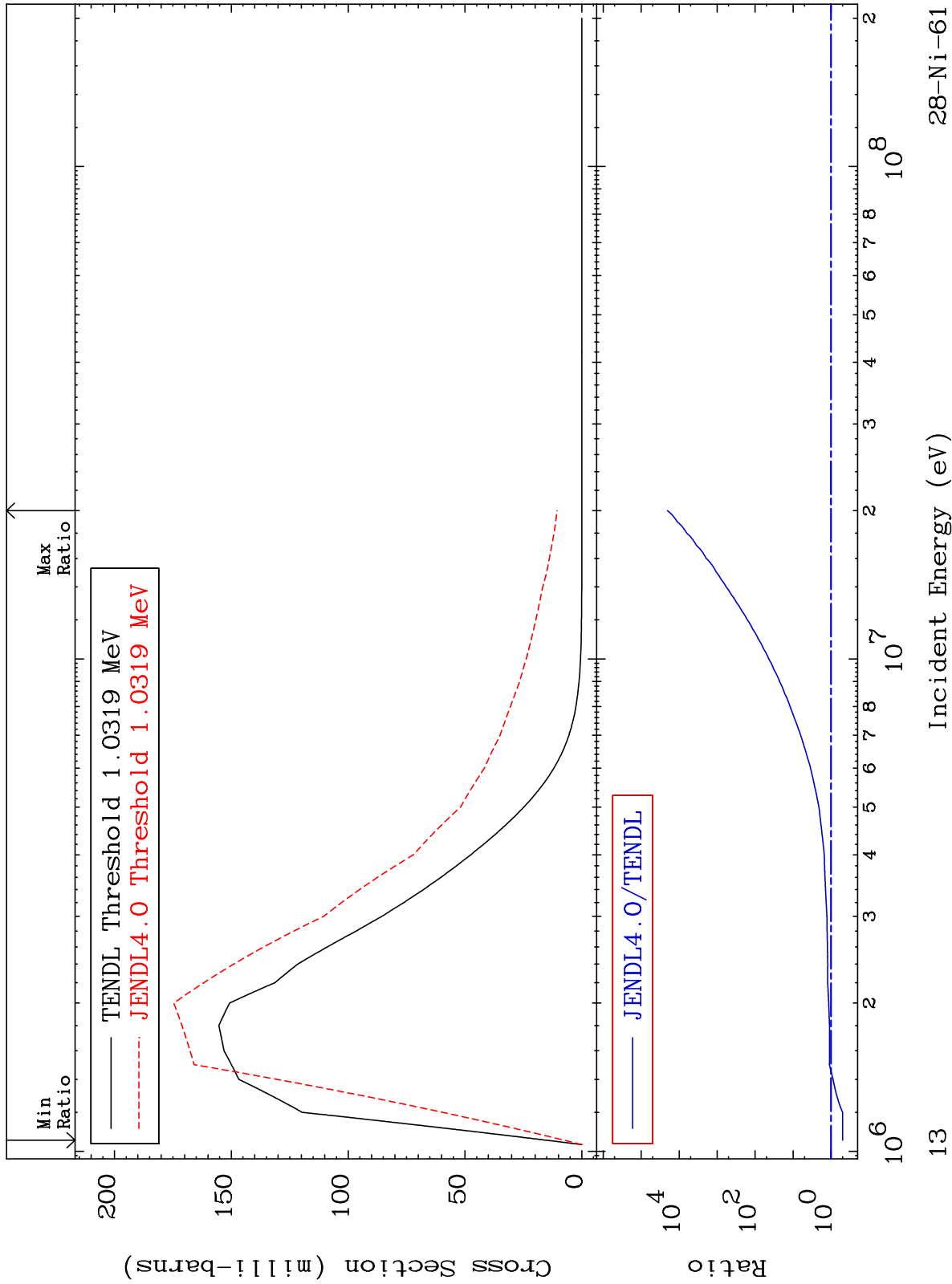


28-Ni-61

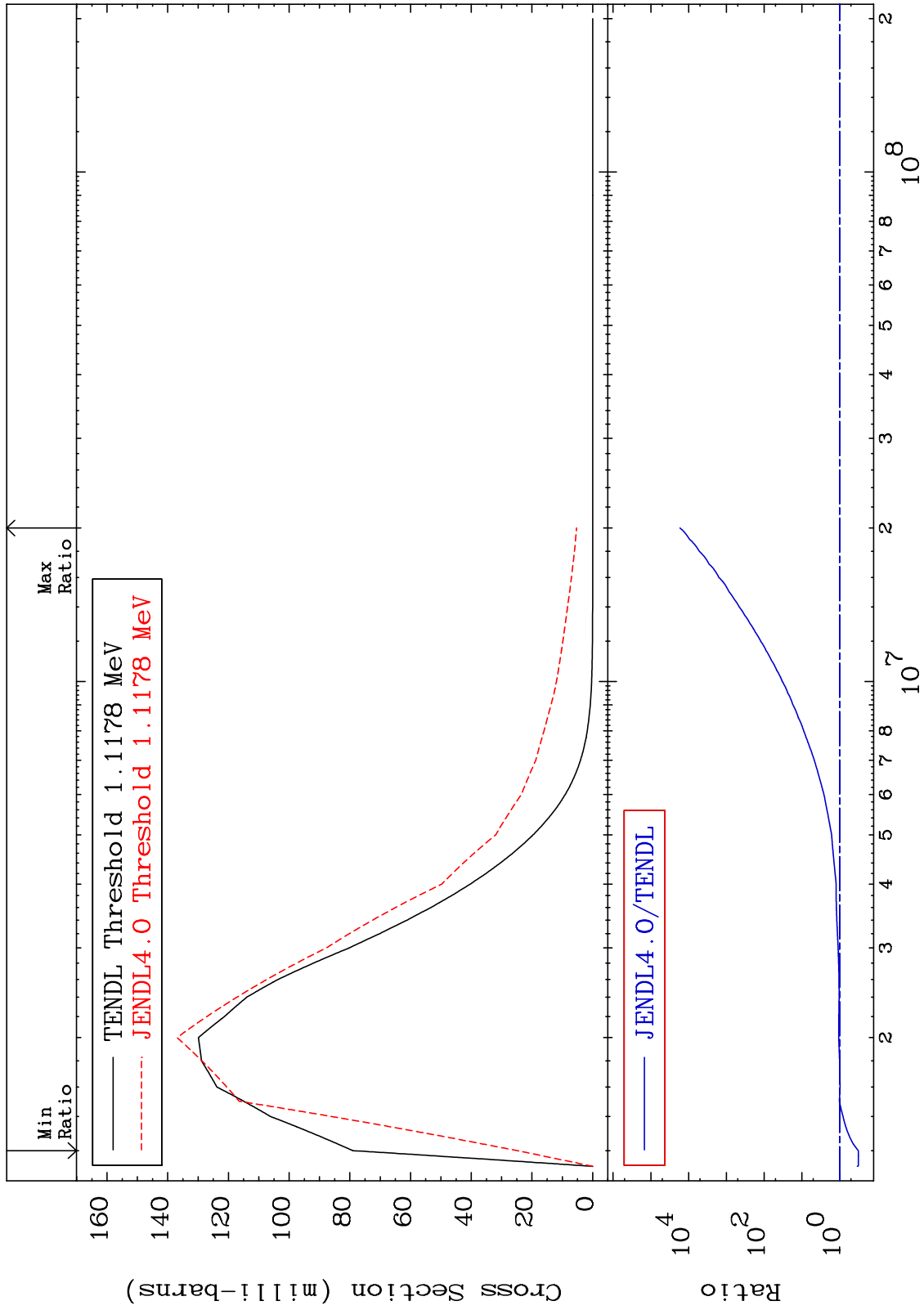
Incident Energy (eV)

12

MAT 2834 MT= 55 (n,n') Level Cross Section 28-Ni-61
-50.38 To 9999. %



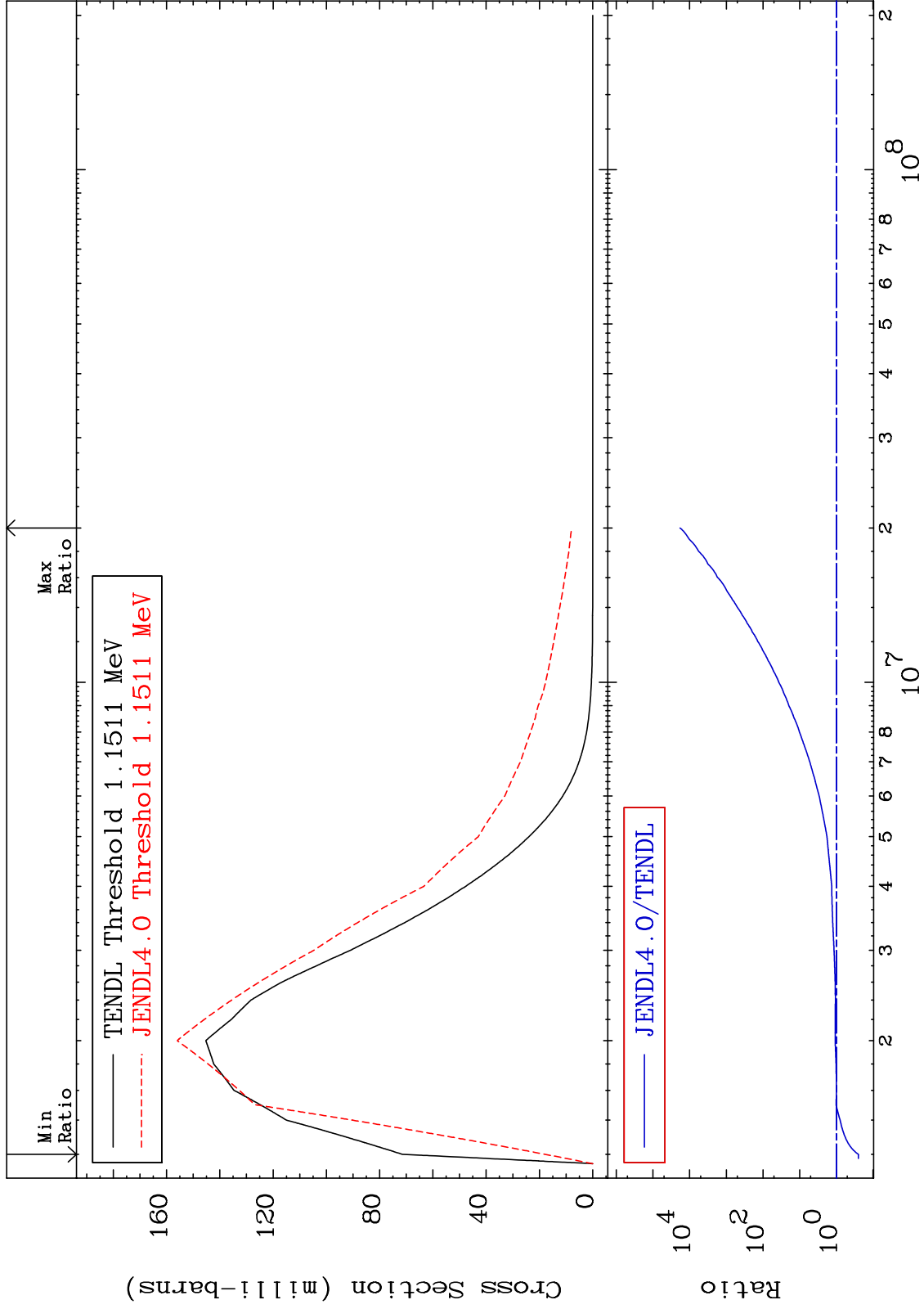
MAT 2834 MT= 56 (n,n') Level 28-Ni-61
 Cross Section -68.31 To 9999. %



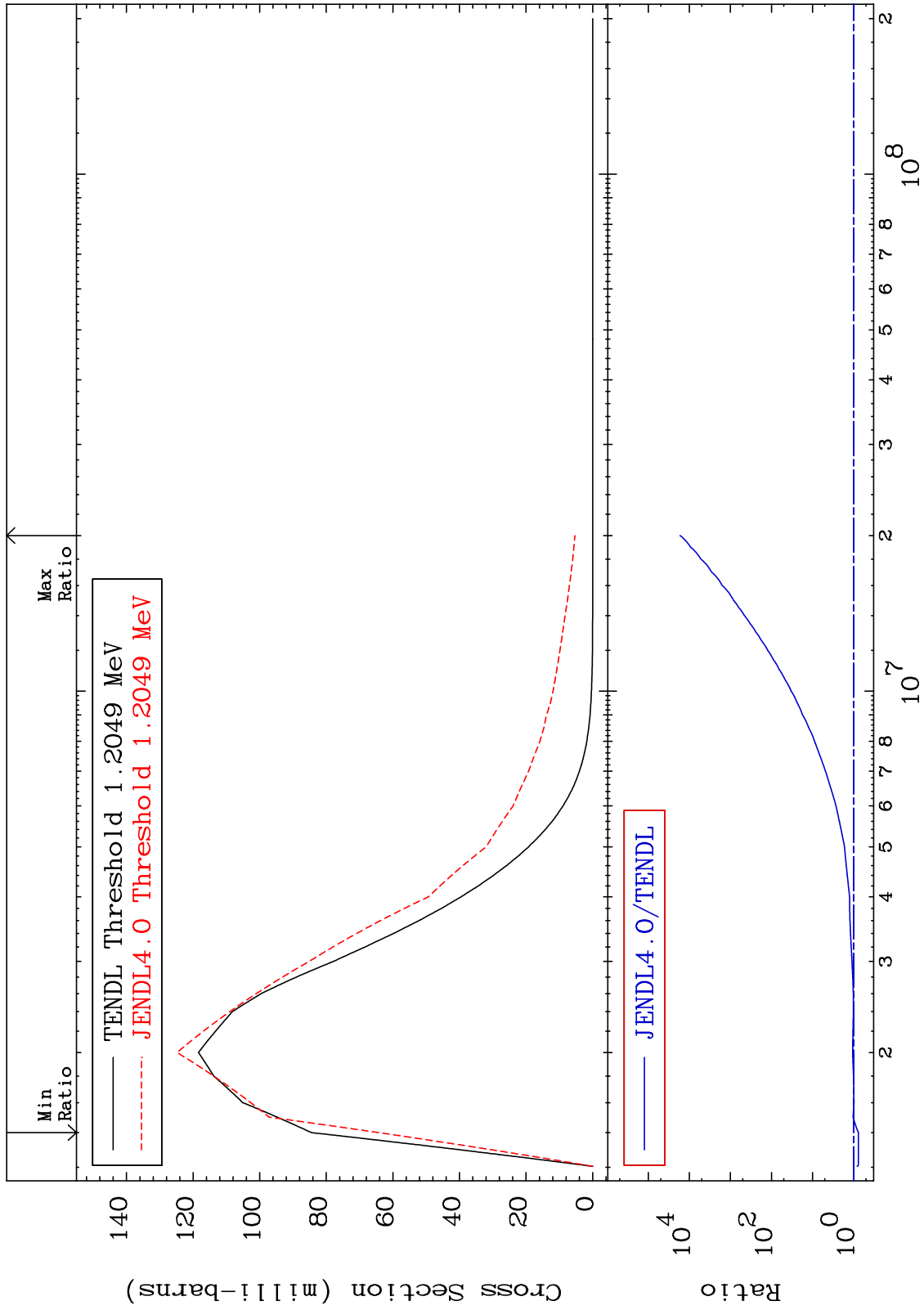
MAT 2834

MT= 57 (n,n') Level
Cross Section

28-Ni-61
-75.08 To 9999. %



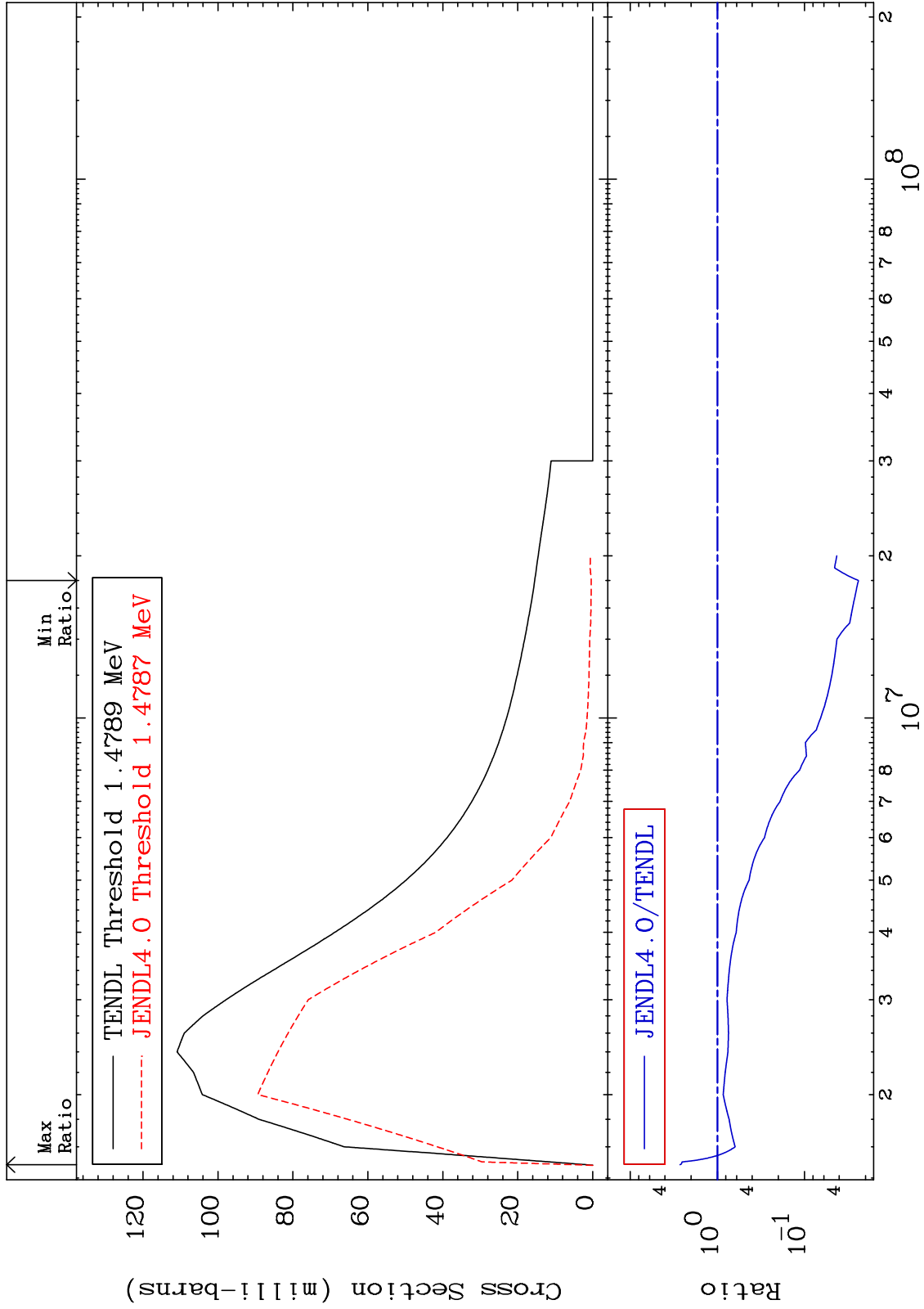
MAT 2834 MT= 58 (n, n') Level 28-Ni-61
 Cross Section -23.92 To 9999. %



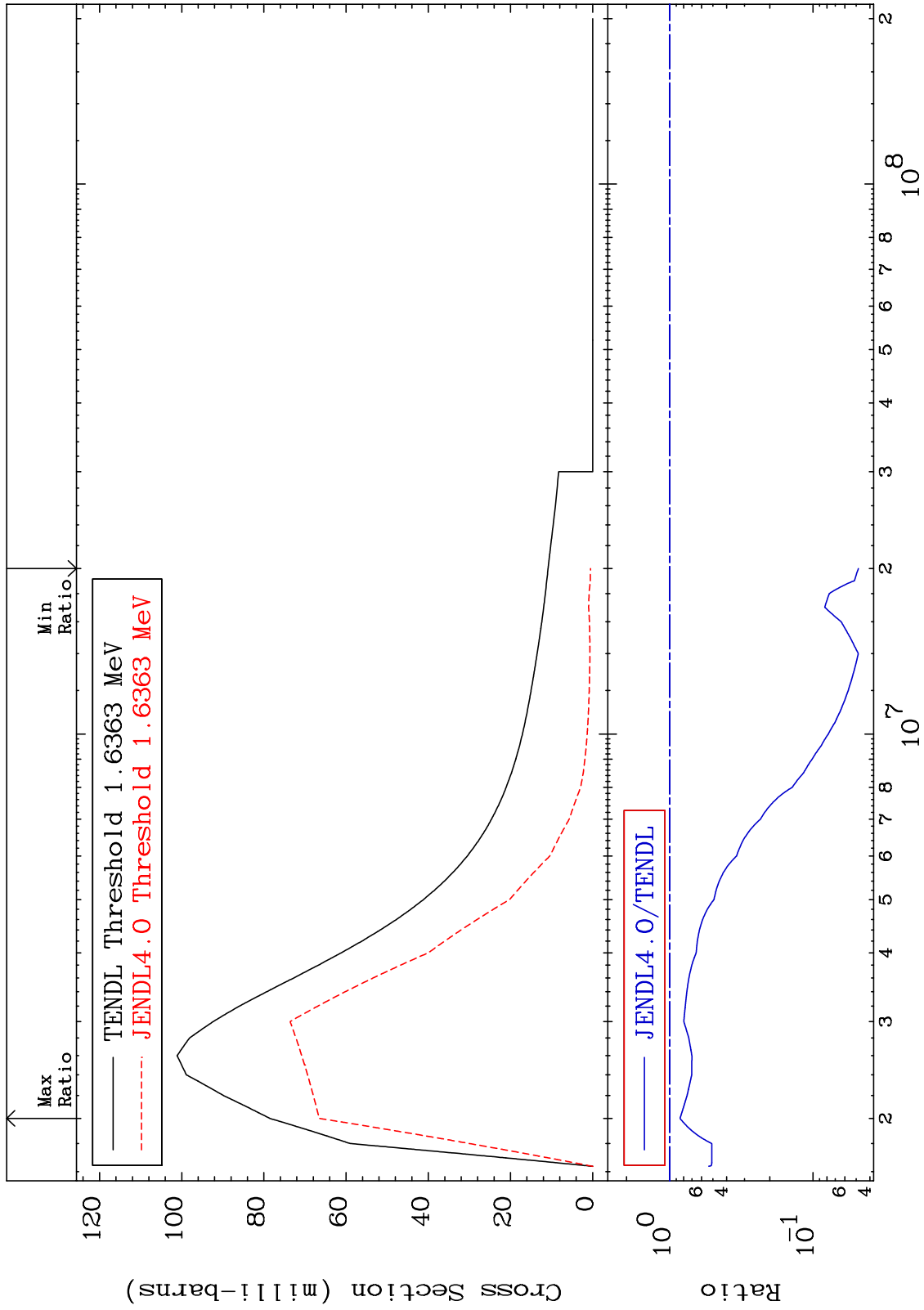
MAT 2834

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

28-Ni-61
-97.59 To 168.3 %

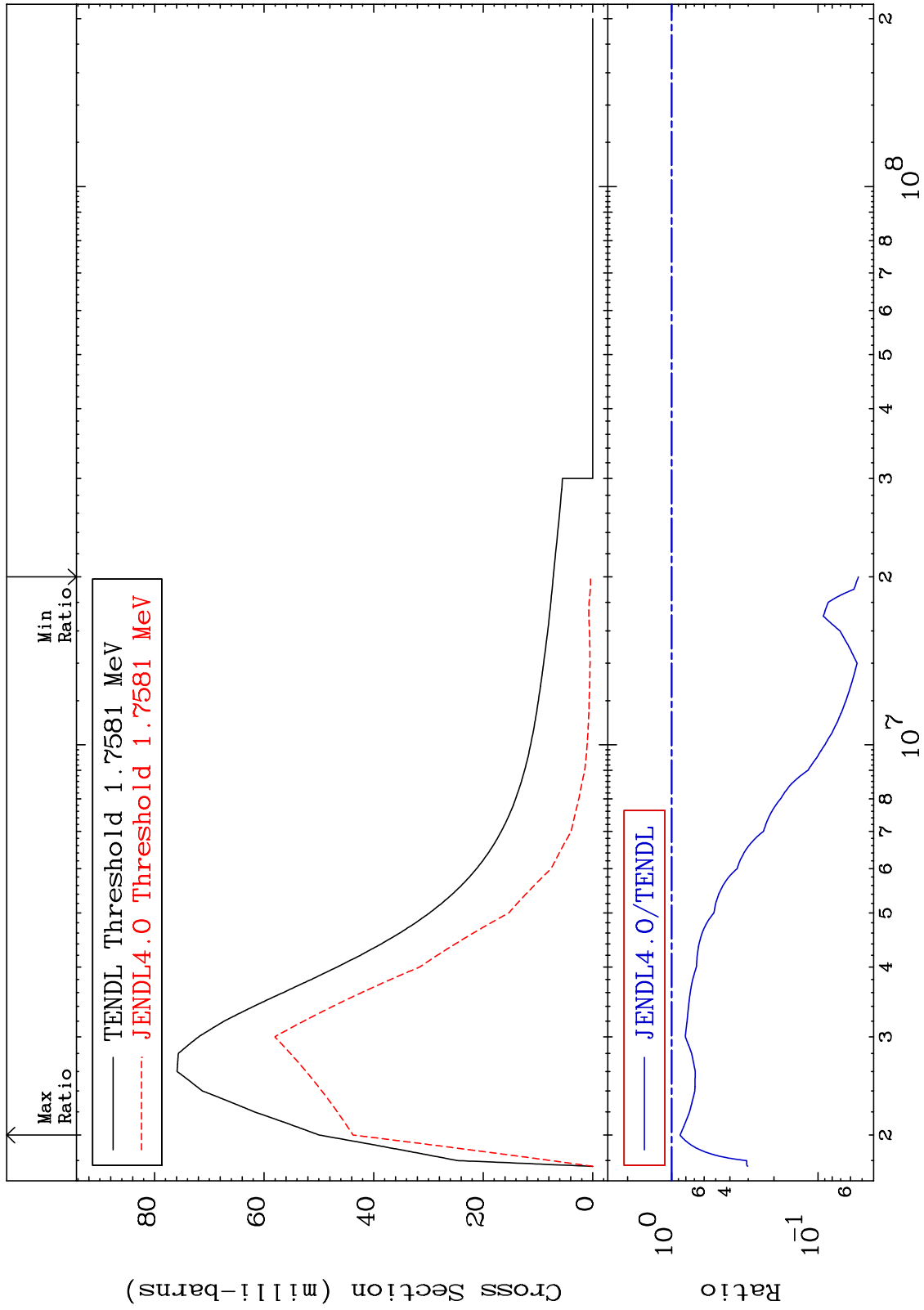


MAT 2834 MT= 60 (n,n') Level
Cross Section 28-Ni-61
-95.18 To -15.31%

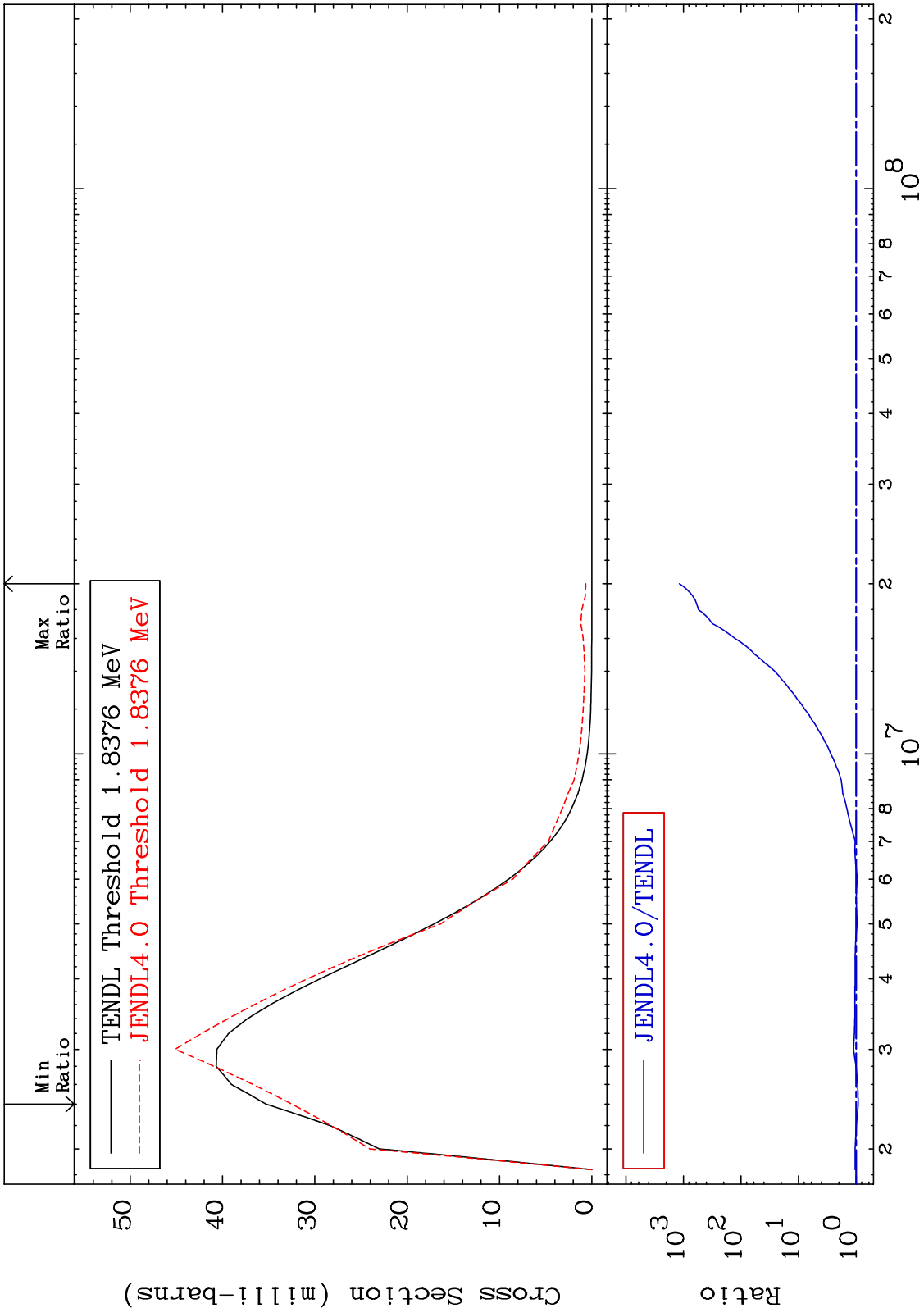


MAT 2834 MT= 61 (n,n') Level
Cross Section

28-Ni-61
-94.71 To -12.37%



MAT 2834 MT= 62 (n,n') Level 28-Ni-61
 Cross Section -7.926 To 9999. %

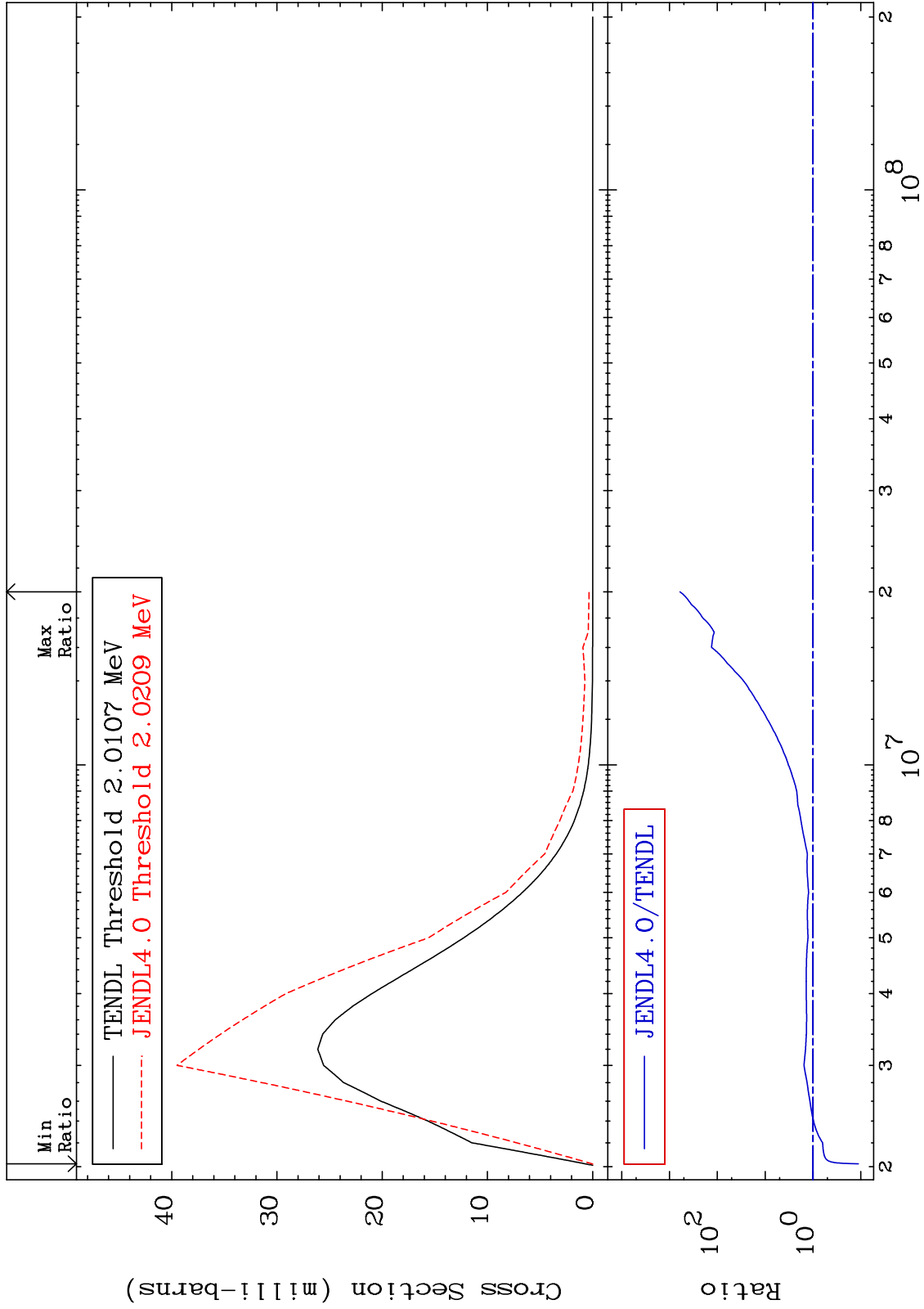


20 Incident Energy (eV) 28-Ni-61

MAT 2834

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

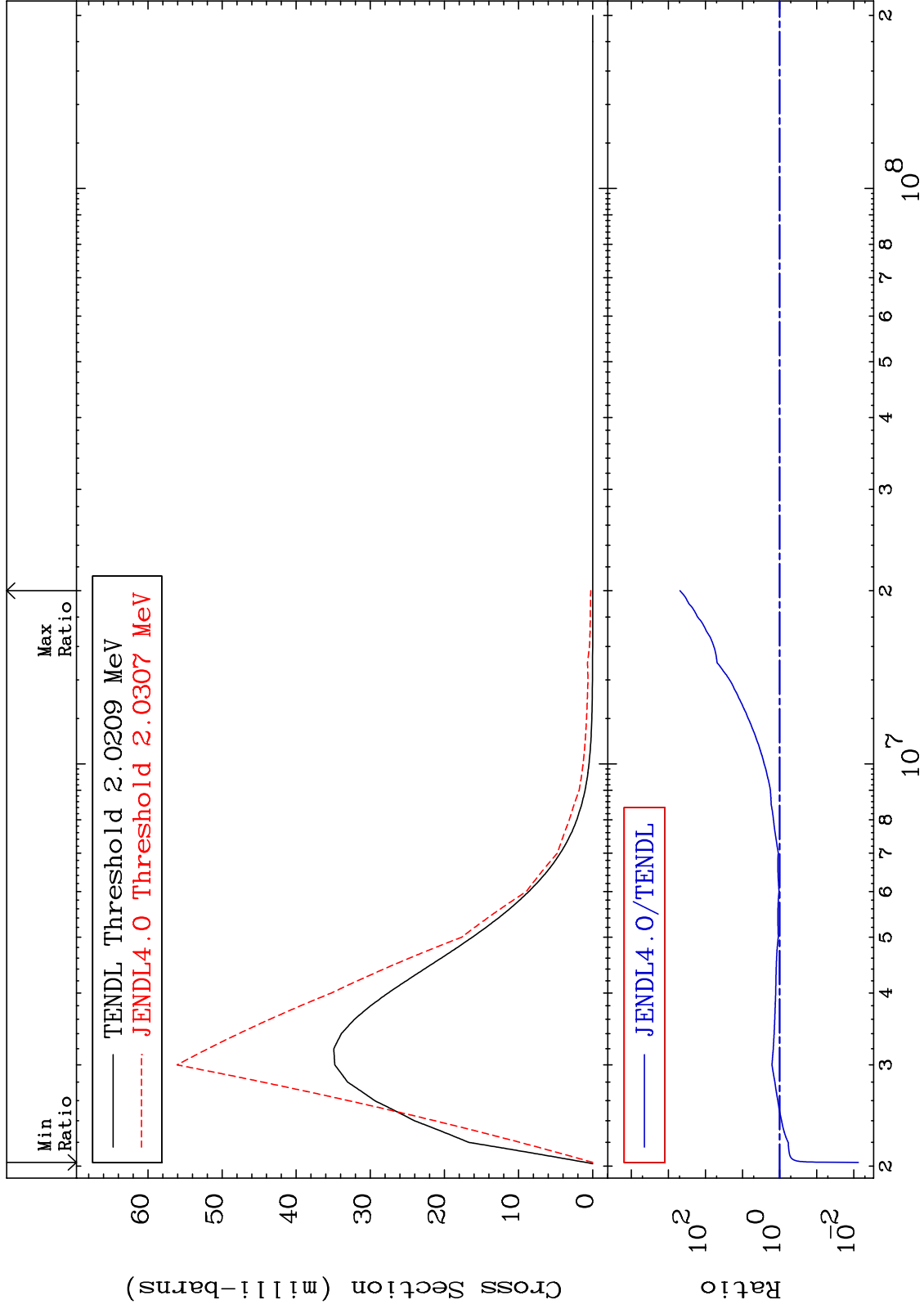
28-Ni-61
-88.76 To 9999. %



MAT 2834

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

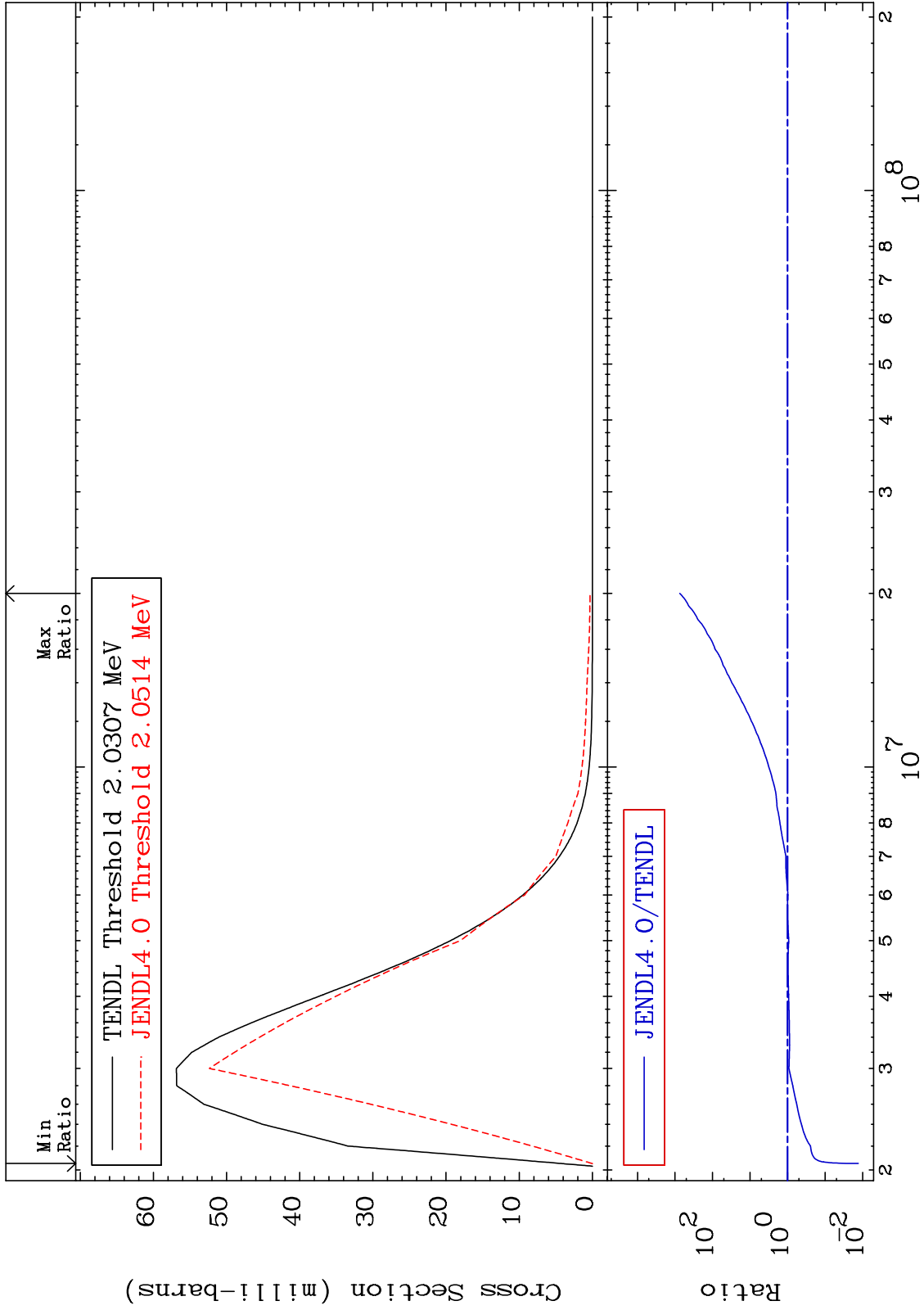
28-Ni-61
-99.25 To 9999. %



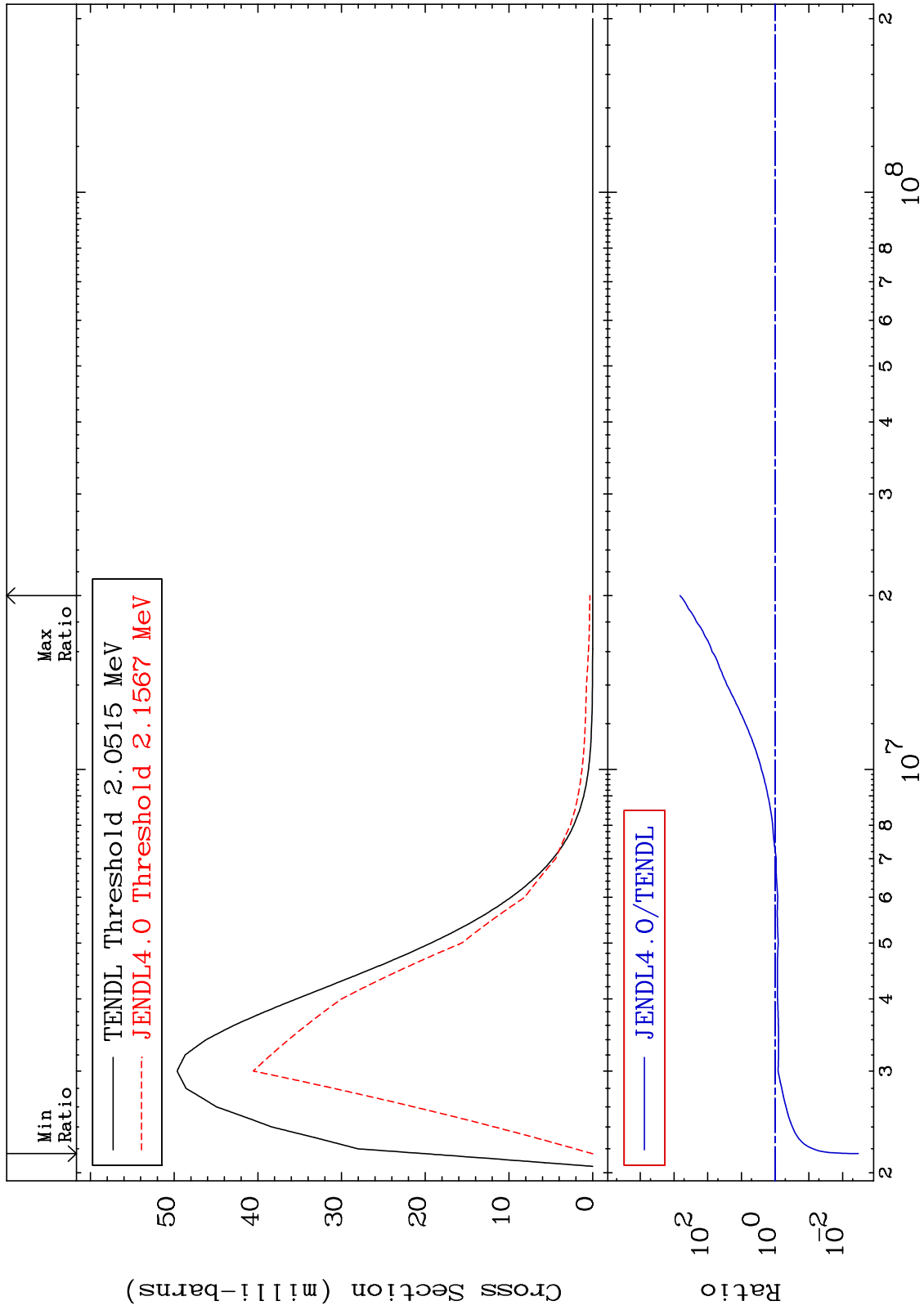
MAT 2834

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

28-Ni-61
-98.70 To 9999. %



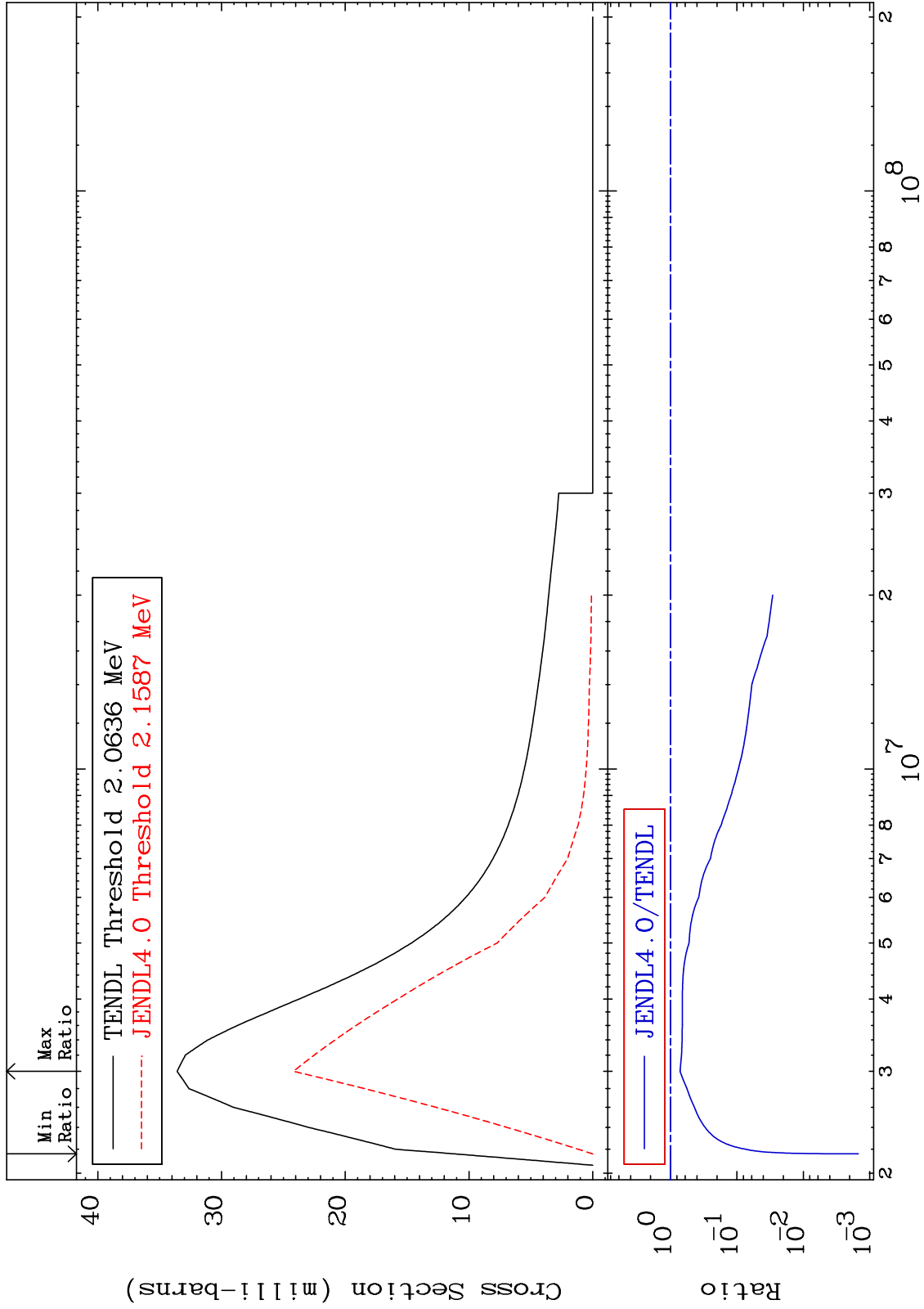
MAT 2834 MT= 66 (n,n') Level Cross Section 28-Ni-61
 -99.66 To 9999. %



MAT 2834

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

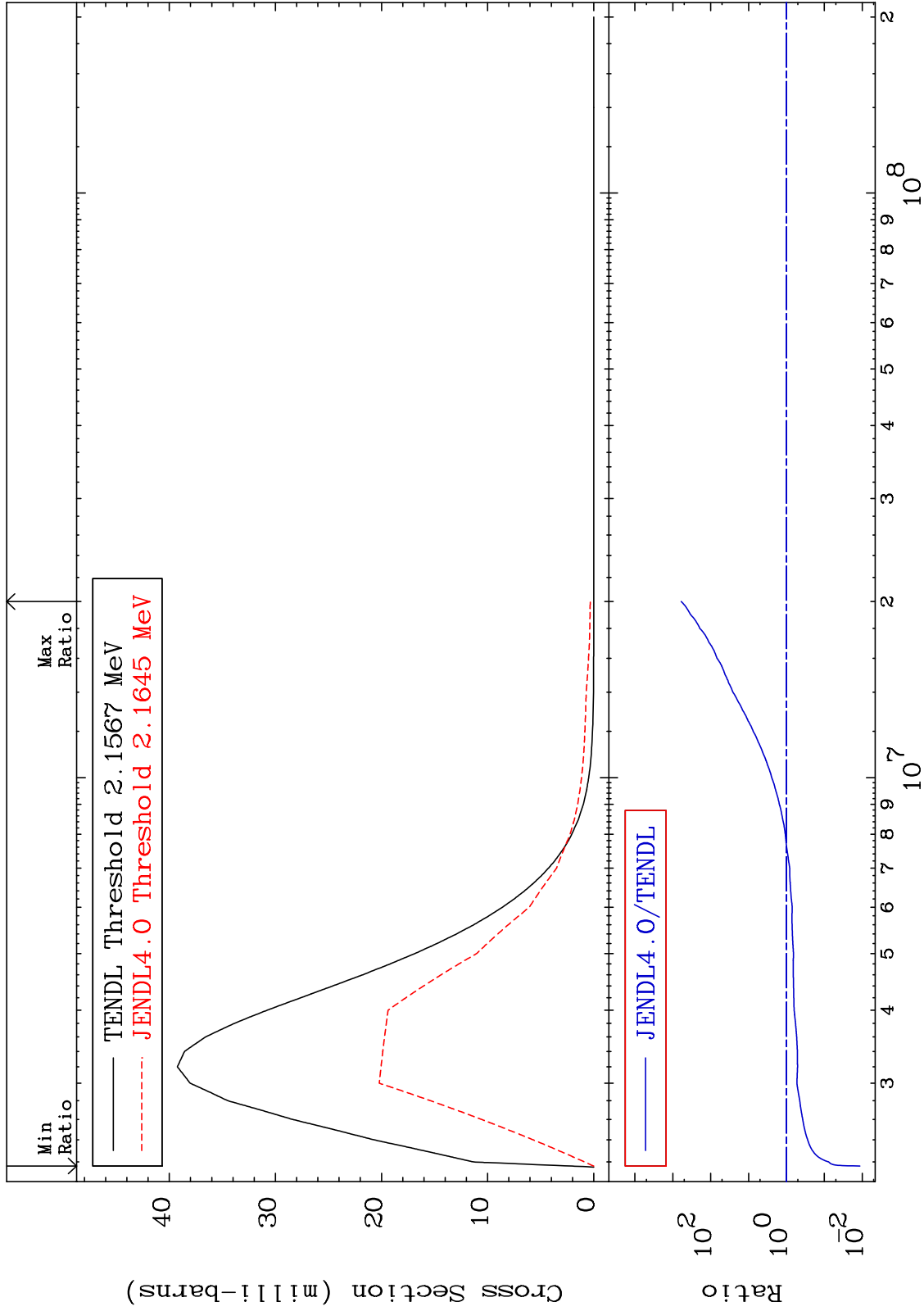
28-Ni-61
-99.85 To -27.99%



MAT 2834

MT= 68 (n,n') Level
Cross Section

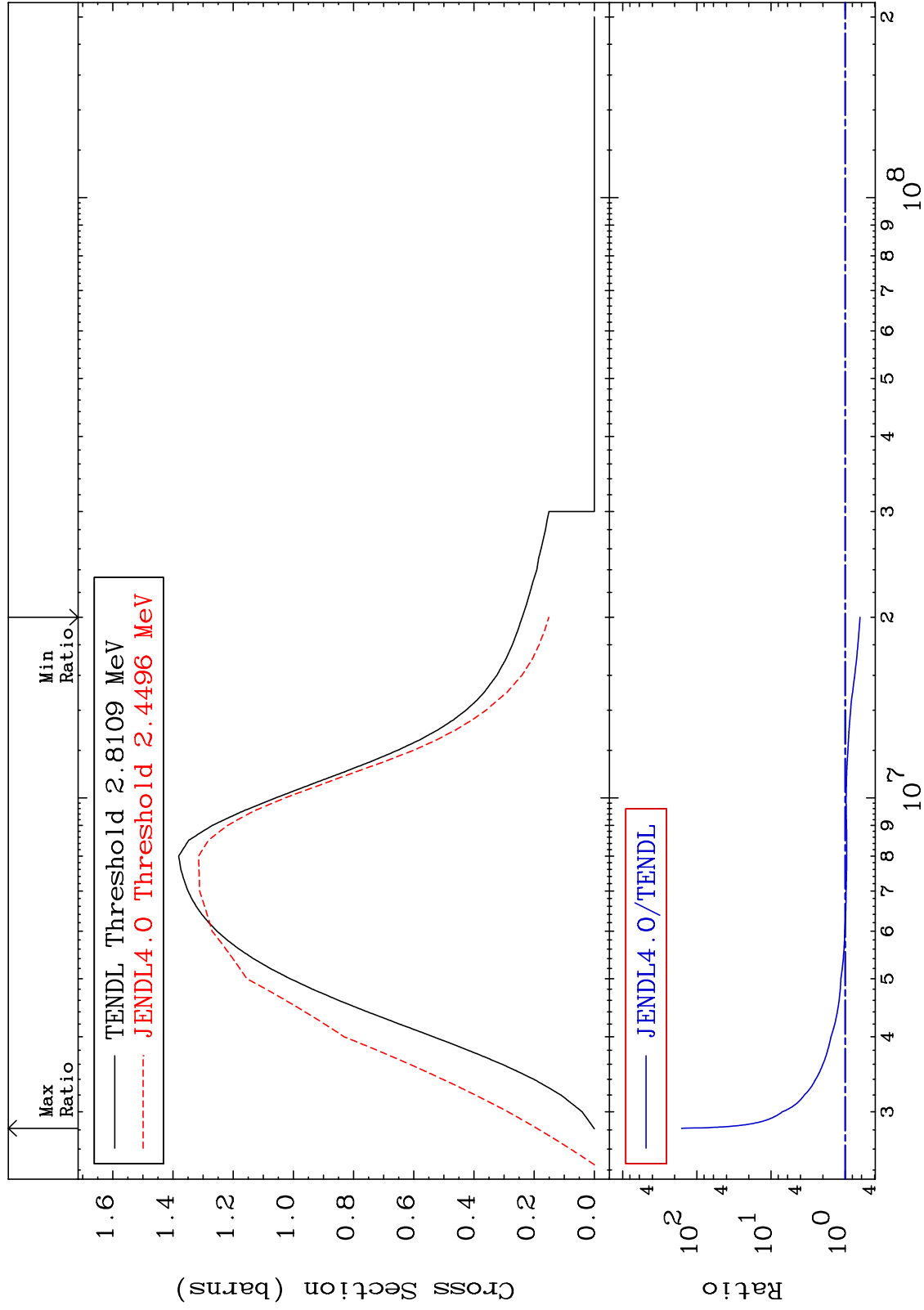
28-Ni-61
-98.85 To 9999. %



MAT 2834

(n, n') Continuum
Cross Section

28-Ni-61
-36.99 To 9999. %



27

Incident Energy (eV)

28-Ni-61

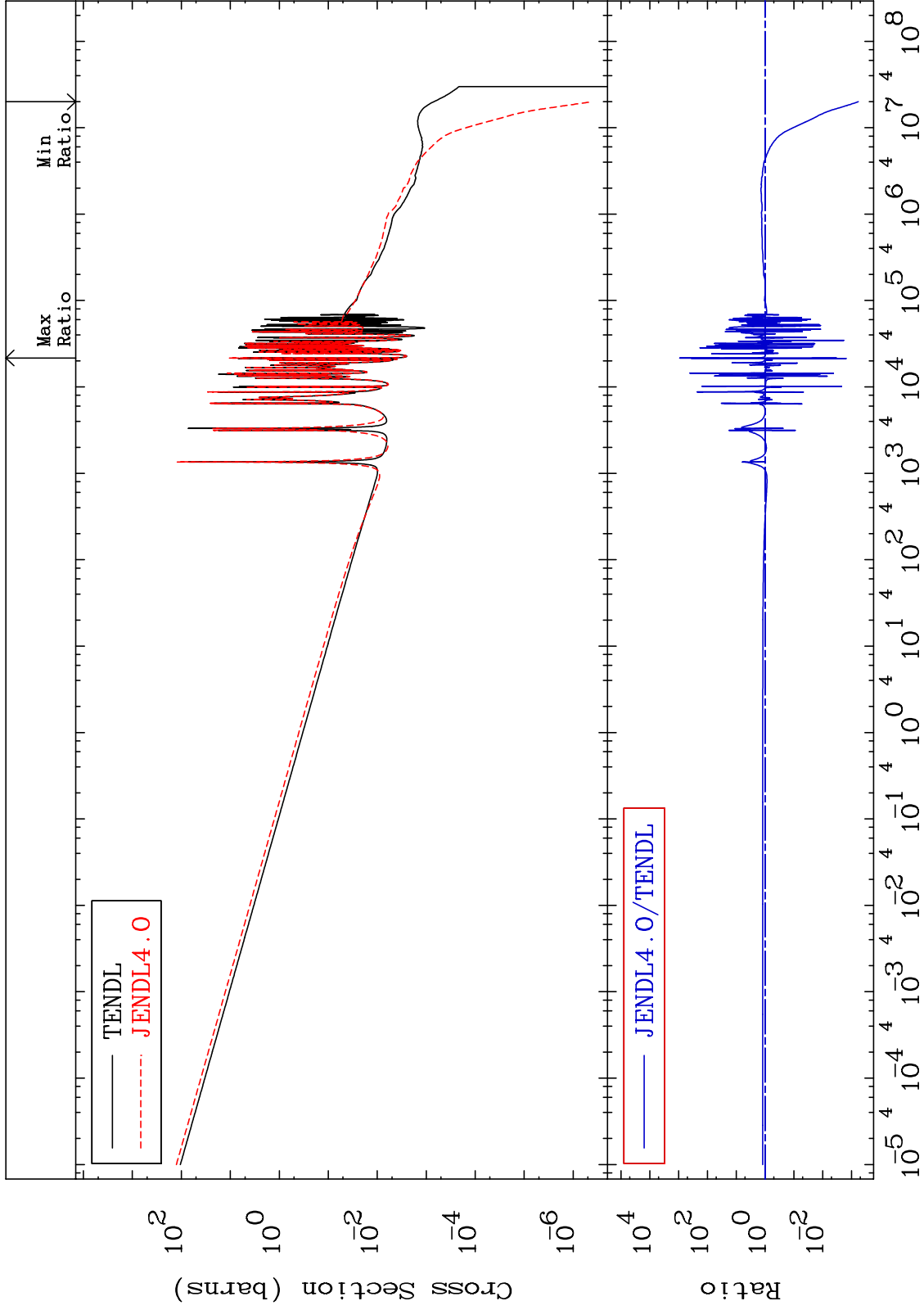
MAT 2834

(n, γ)

28-Ni-61

Cross Section

-99.94 To 9999. %



28

Incident Energy (eV)

28-Ni-61

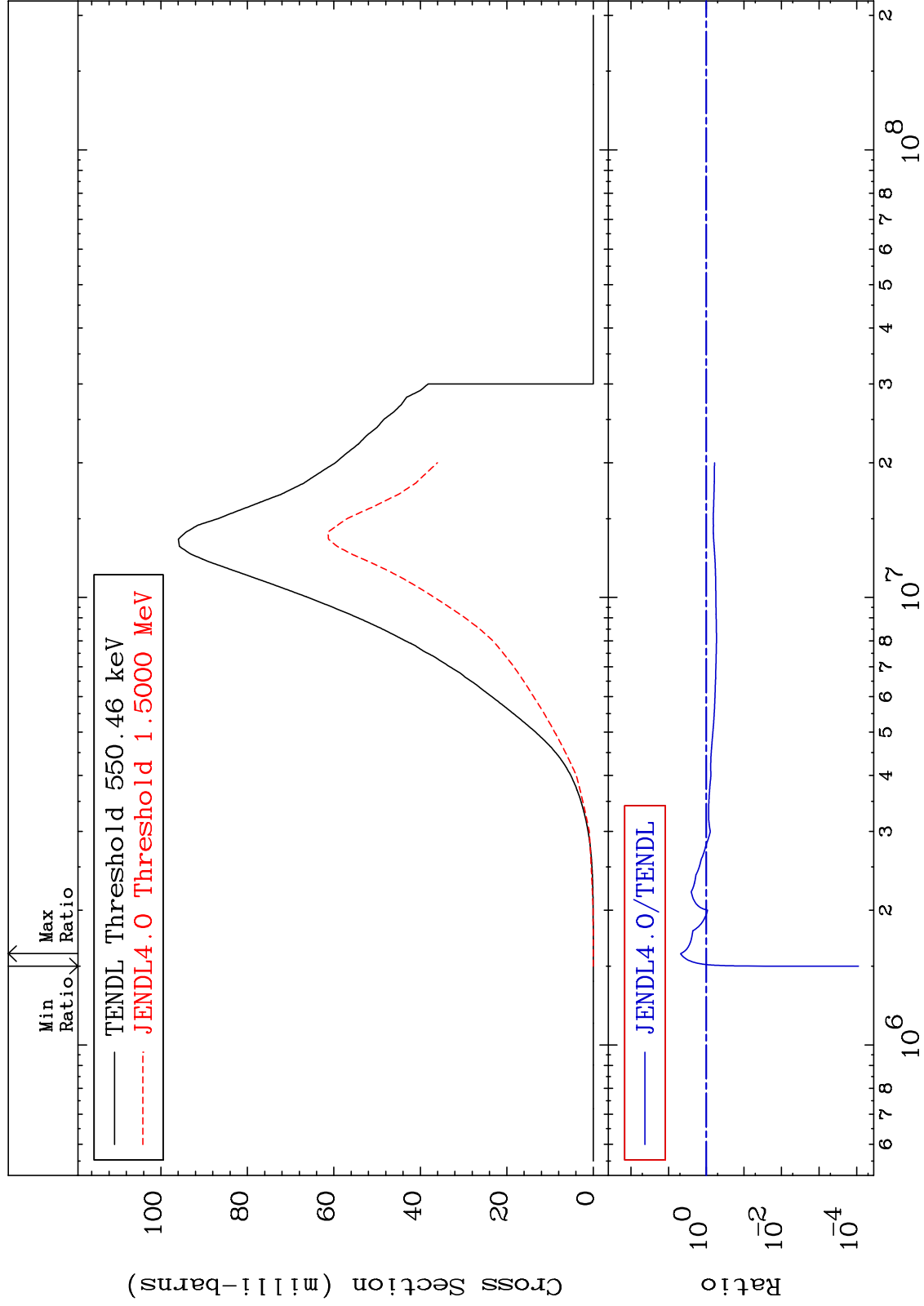
MAT 2834

(n,p)

28-Ni-61

Cross Section

-99.99 To 385.8 %



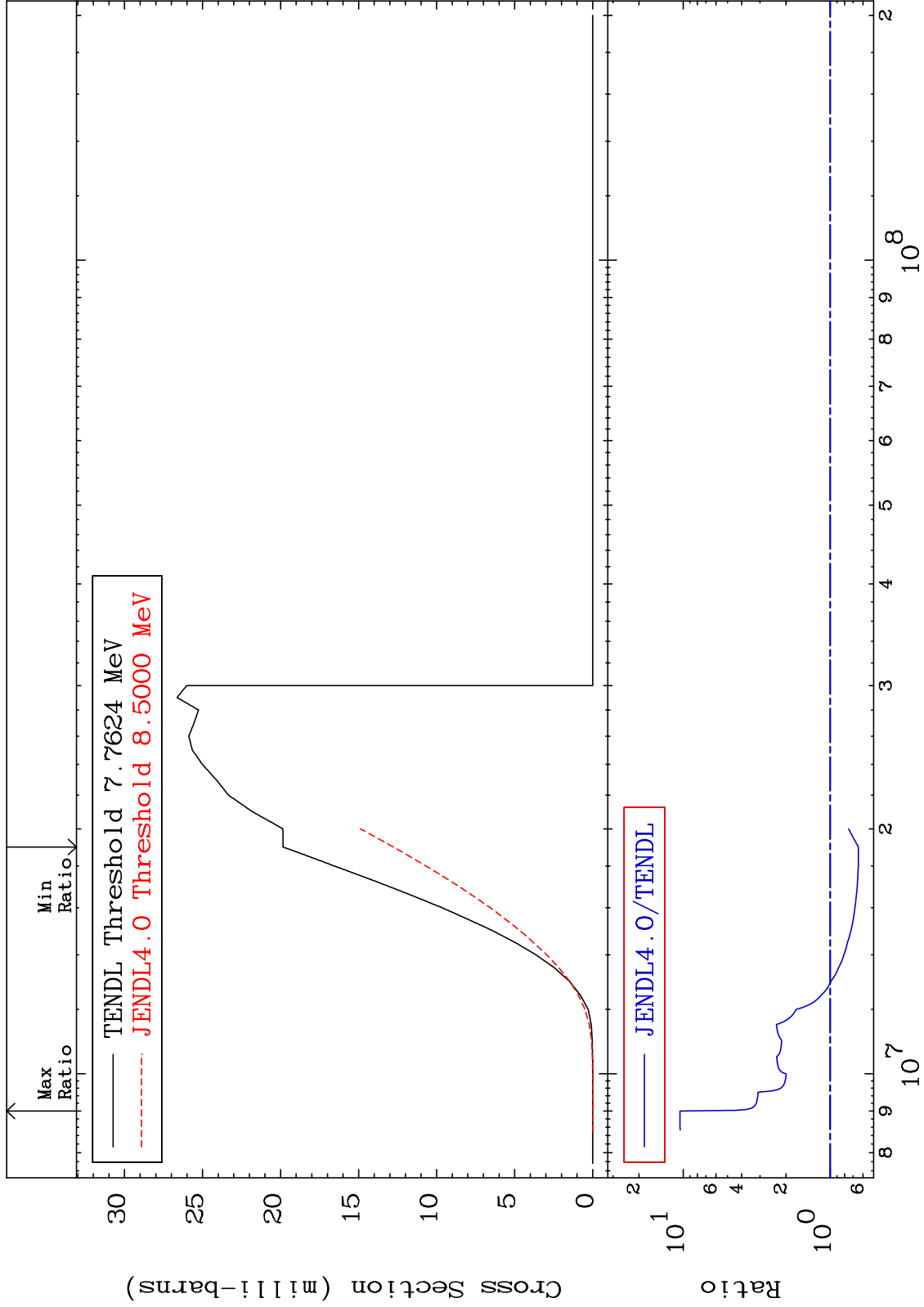
MAT 2834

(n, d)

²⁸Ni-61

Cross Section

-35.63 To 951.1 %



30

Incident Energy (eV)

²⁸Ni-61

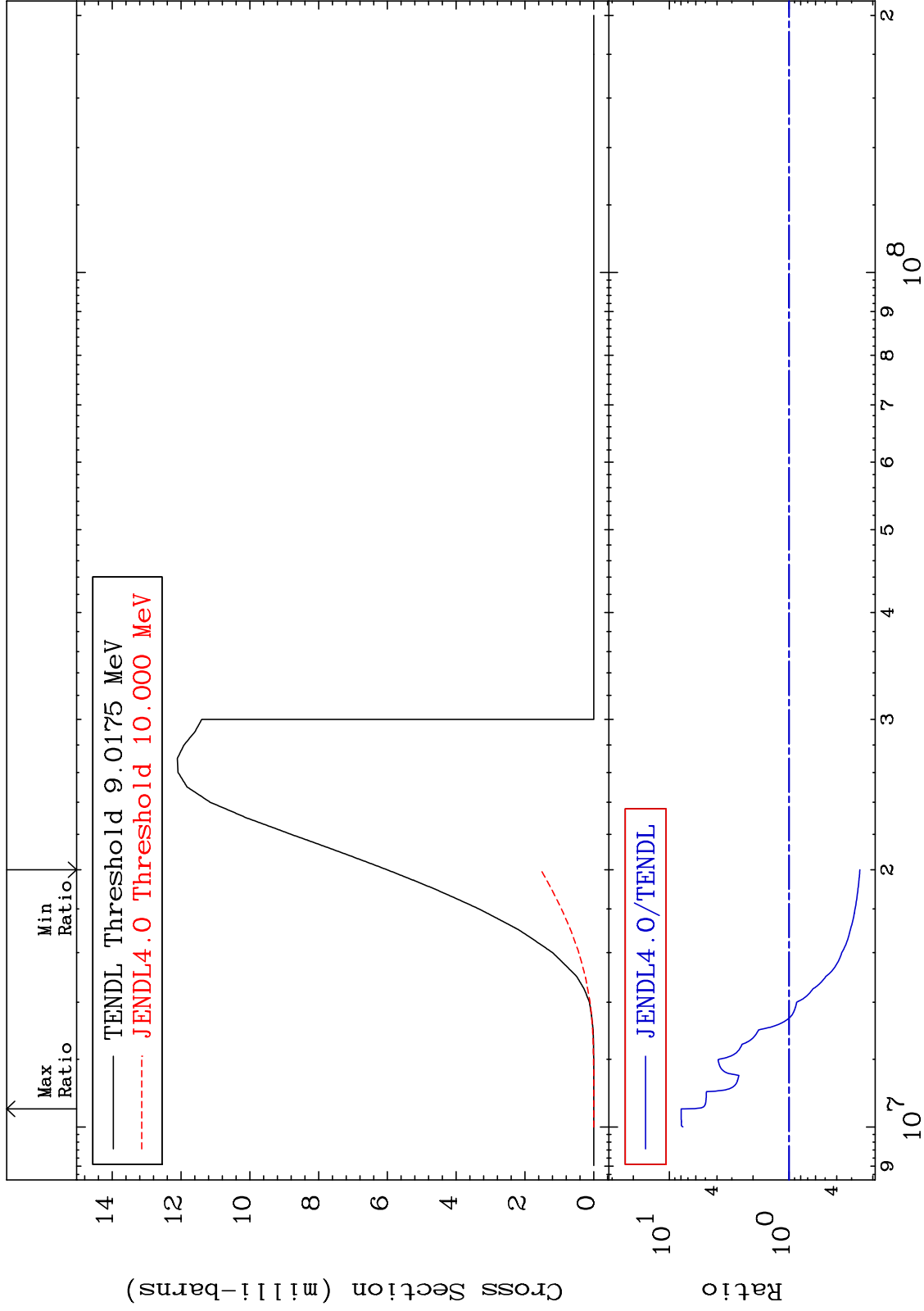
MAT 2834

(n, t)

28-Ni-61

Cross Section

-74.40 To 694.9 %



31

Incident Energy (eV)

28-Ni-61

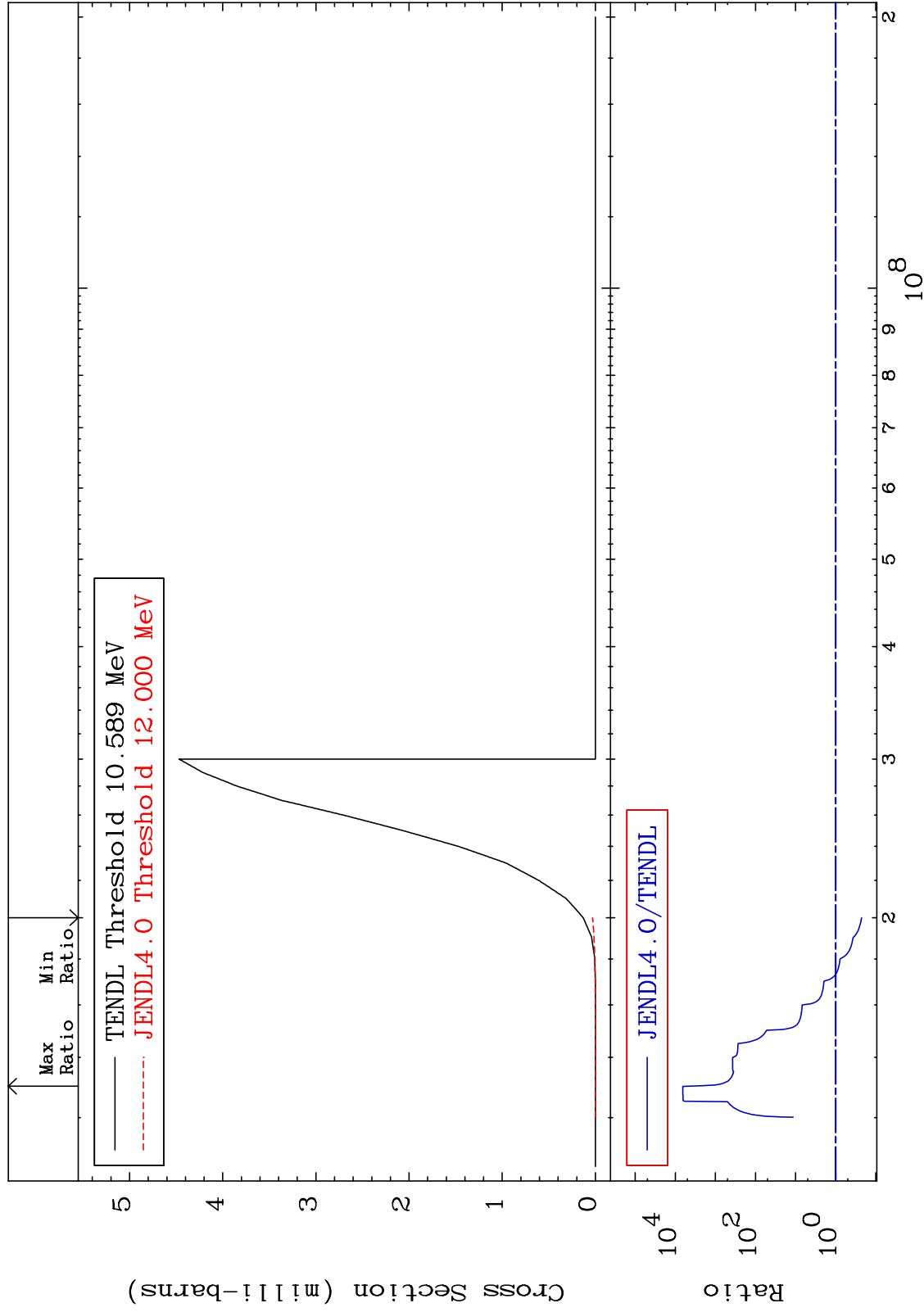
MAT 2834

(n, He-3)

28-Ni-61

Cross Section

-77.33 To 9999. %



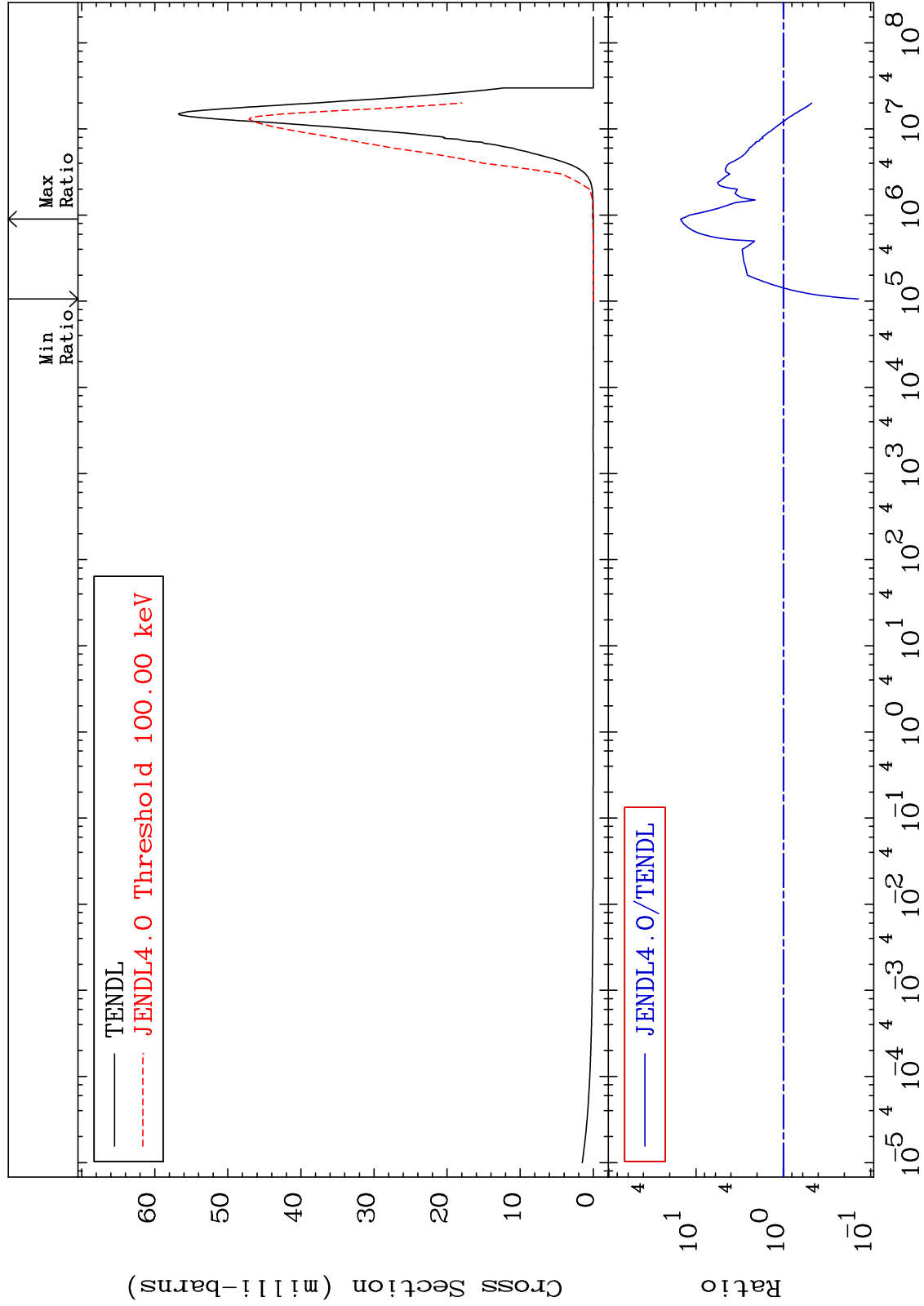
MAT 2834

(n, α)

28-Ni-61

Cross Section

-86.22 To 1408. %



— TENDL
- - - JENDL4.0 Threshold 100.00 keV

— JENDL4.0/TENDL

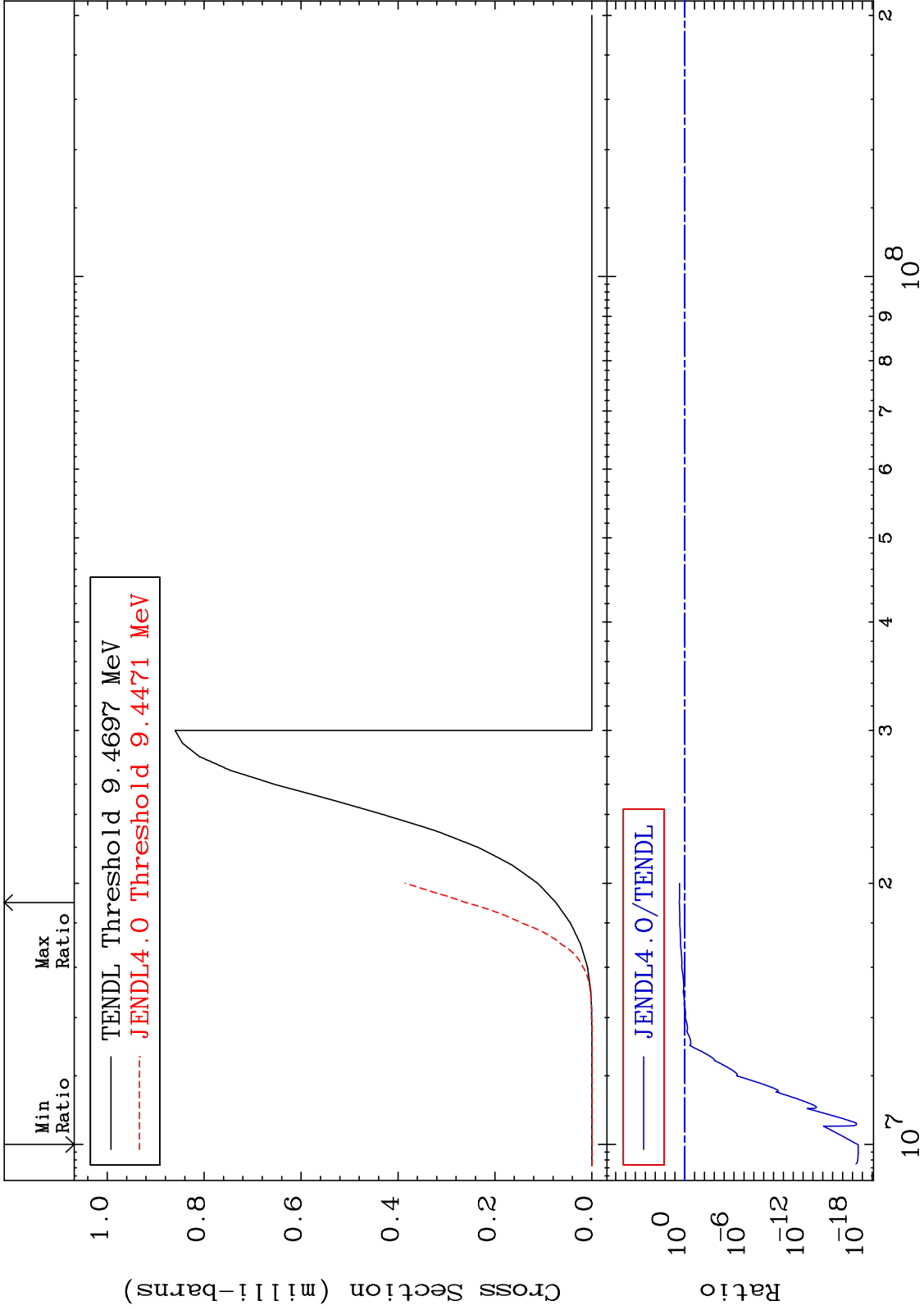
MAT 2834

(n,2p)

28-Ni-61

Cross Section

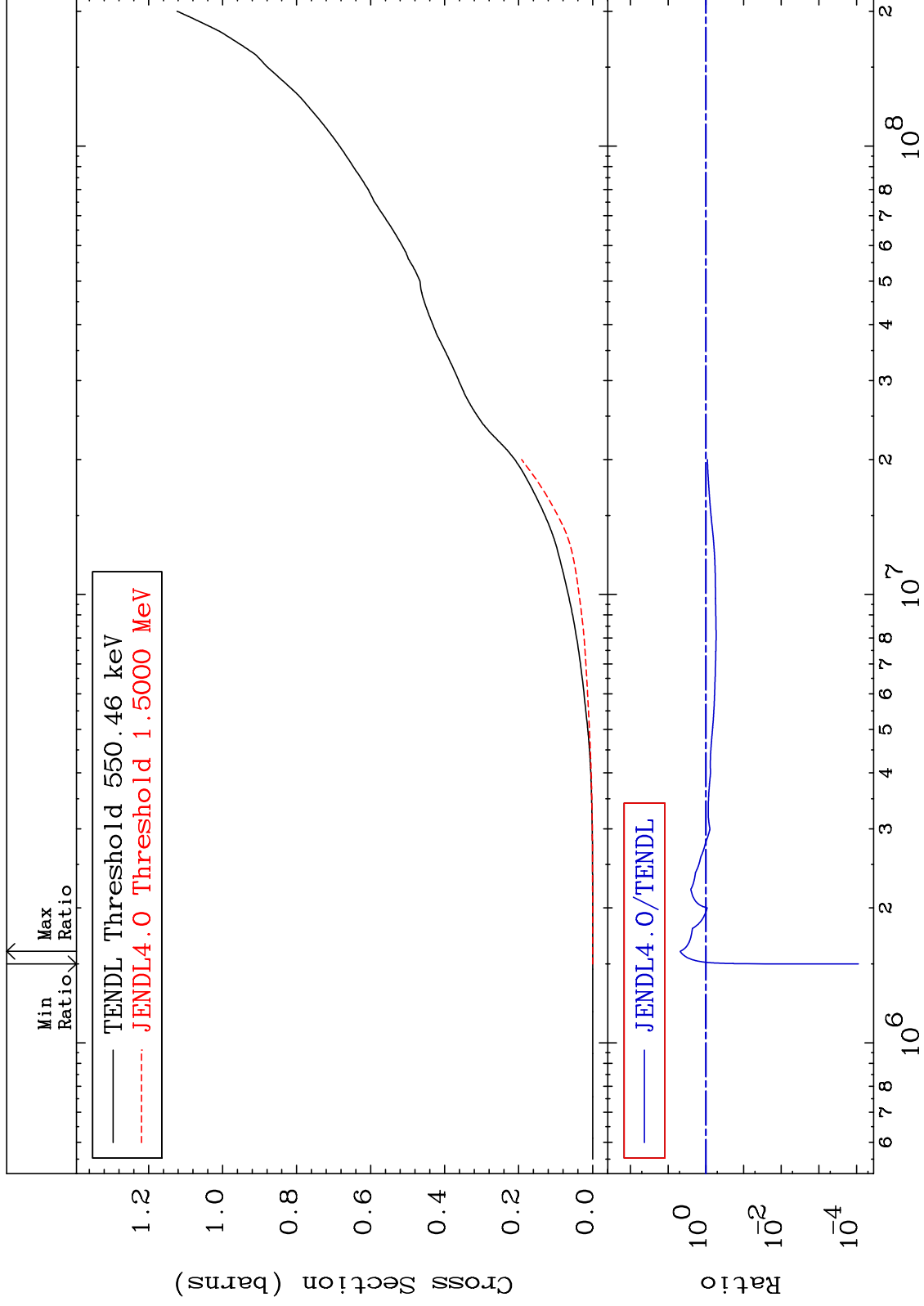
-100.0 To 251.0 %



MAT 2834

Hydrogen Production
Cross Section

28-Ni-61
-99.99 To 385.8 %



35

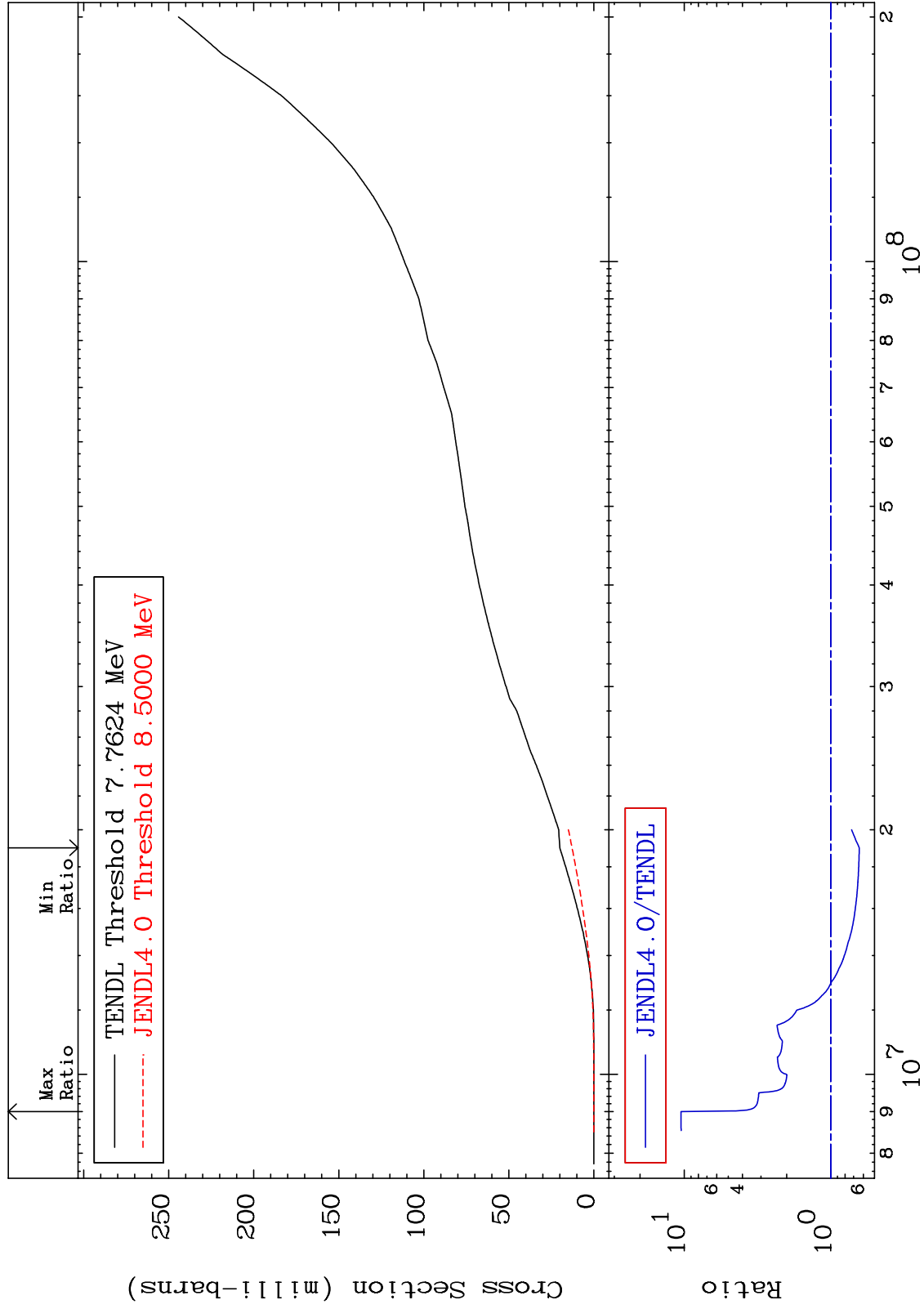
Incident Energy (eV)

28-Ni-61

MAT 2834

Deuterium Production
Cross Section

²⁸Ni-61
-36.11 To 951.1 %



36

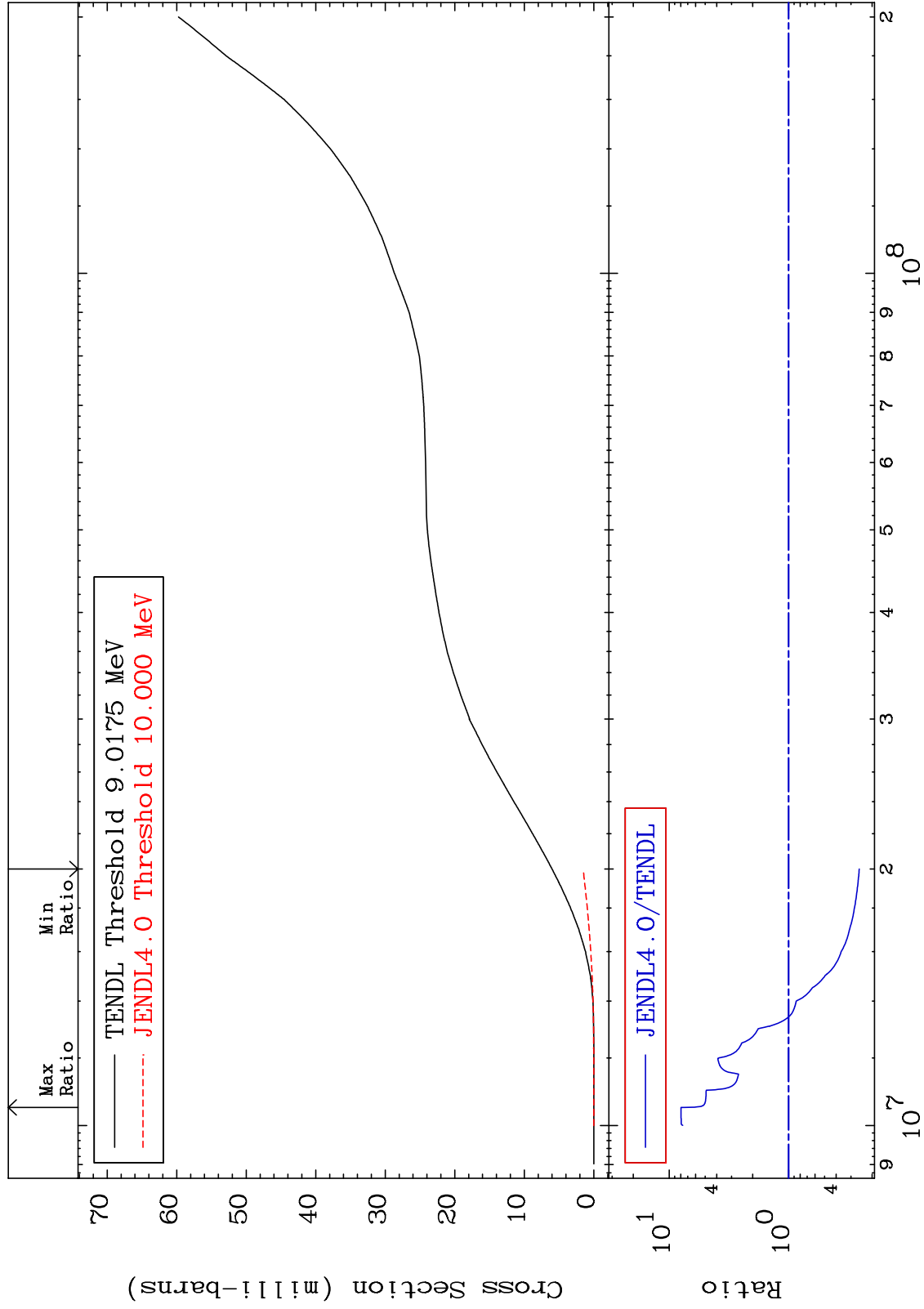
Incident Energy (eV)

²⁸Ni-61

MAT 2834

Tritium Production
Cross Section

²⁸Ni-61
-74.40 To 694.9 %



37

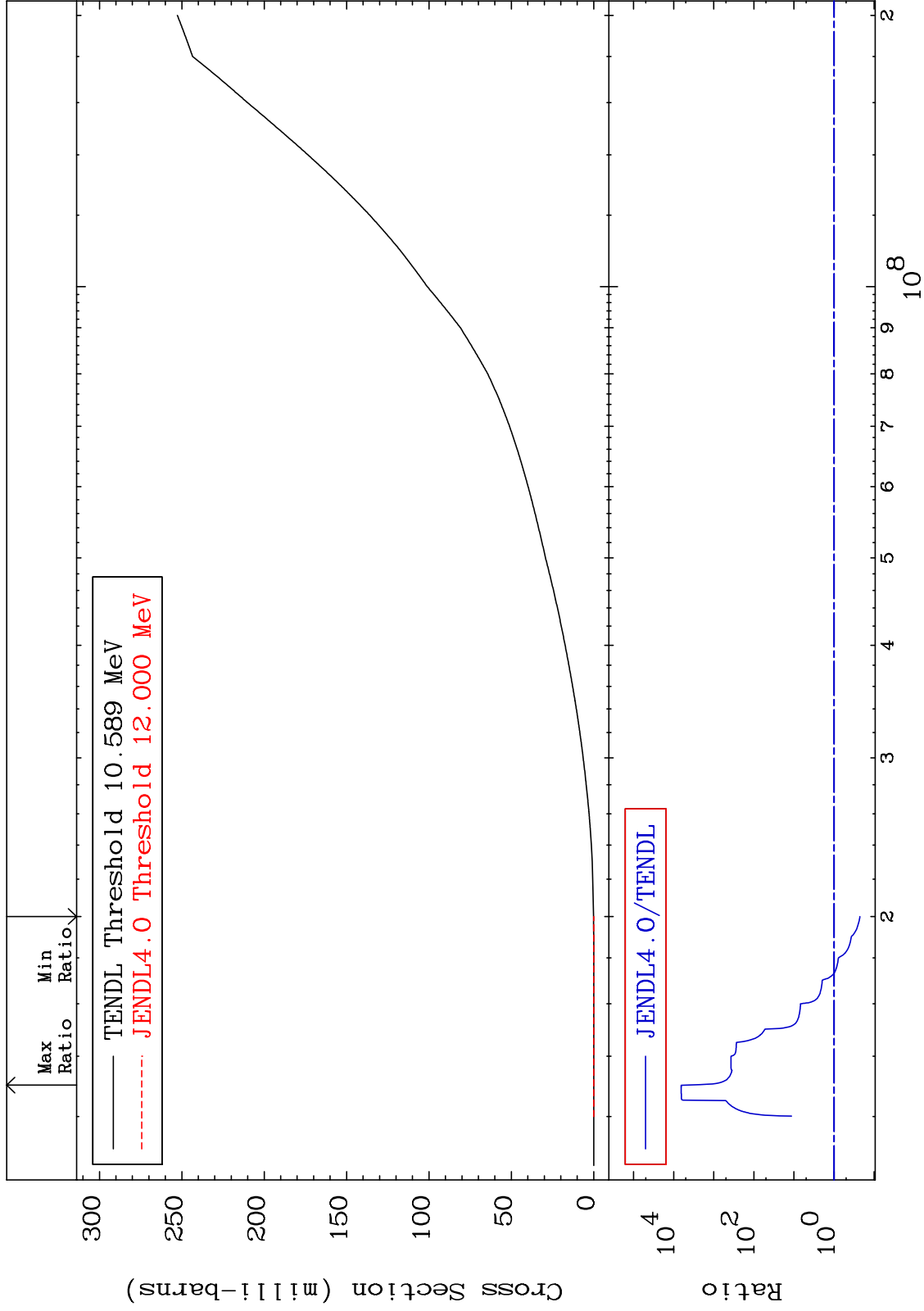
Incident Energy (eV)

²⁸Ni-61

MAT 2834

He-3 Production
Cross Section

28-Ni-61
-77.33 To 9999. %



38

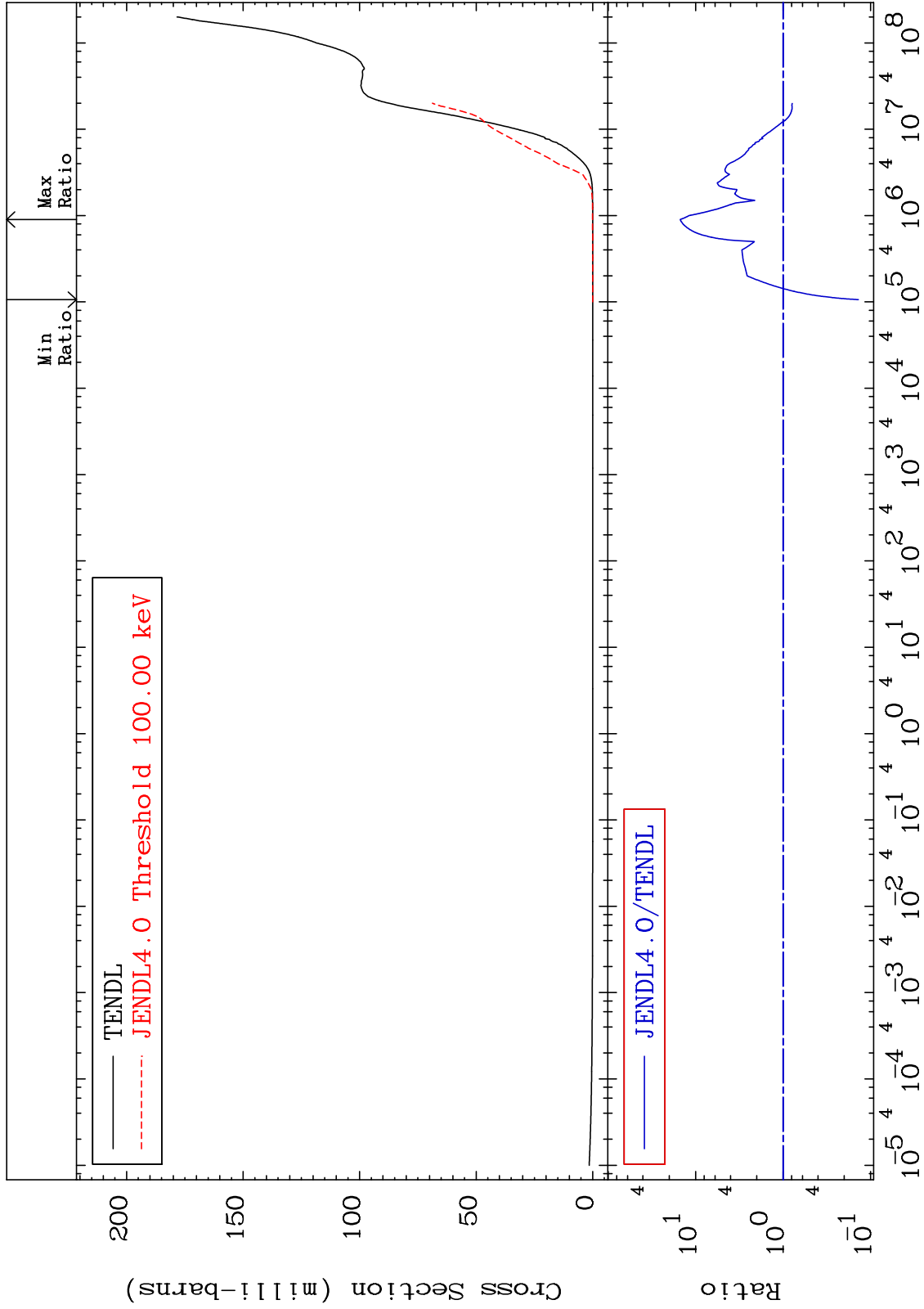
Incident Energy (eV)

28-Ni-61

MAT 2834

He-4 Production
Cross Section

28-Ni-61
-86.22 To 1408. %



39

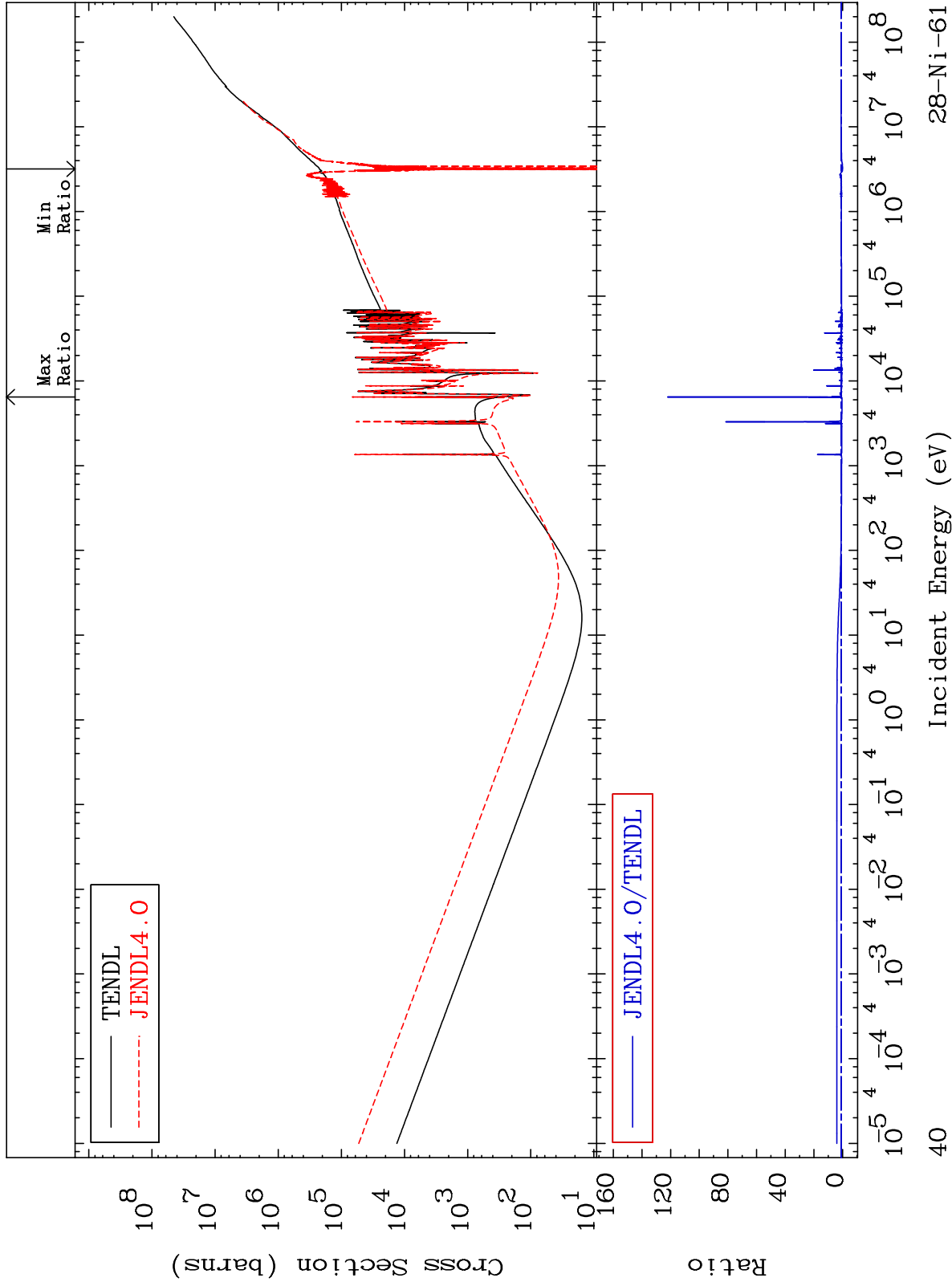
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma total (eV-barns)
Cross Section

28-Ni-61
-102.7 To 9999. %

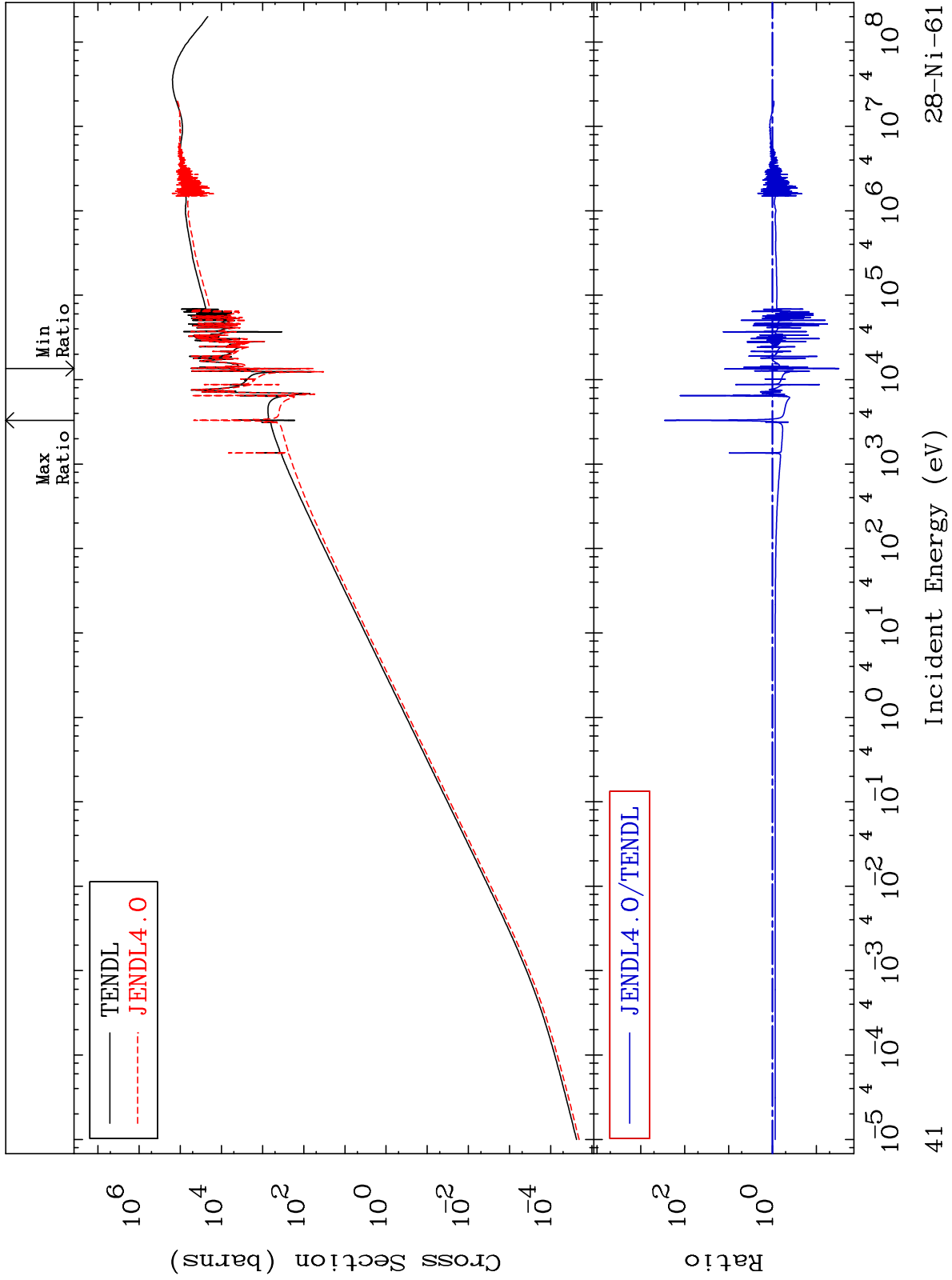


40

MAT 2834

Kerma elastic
Cross Section

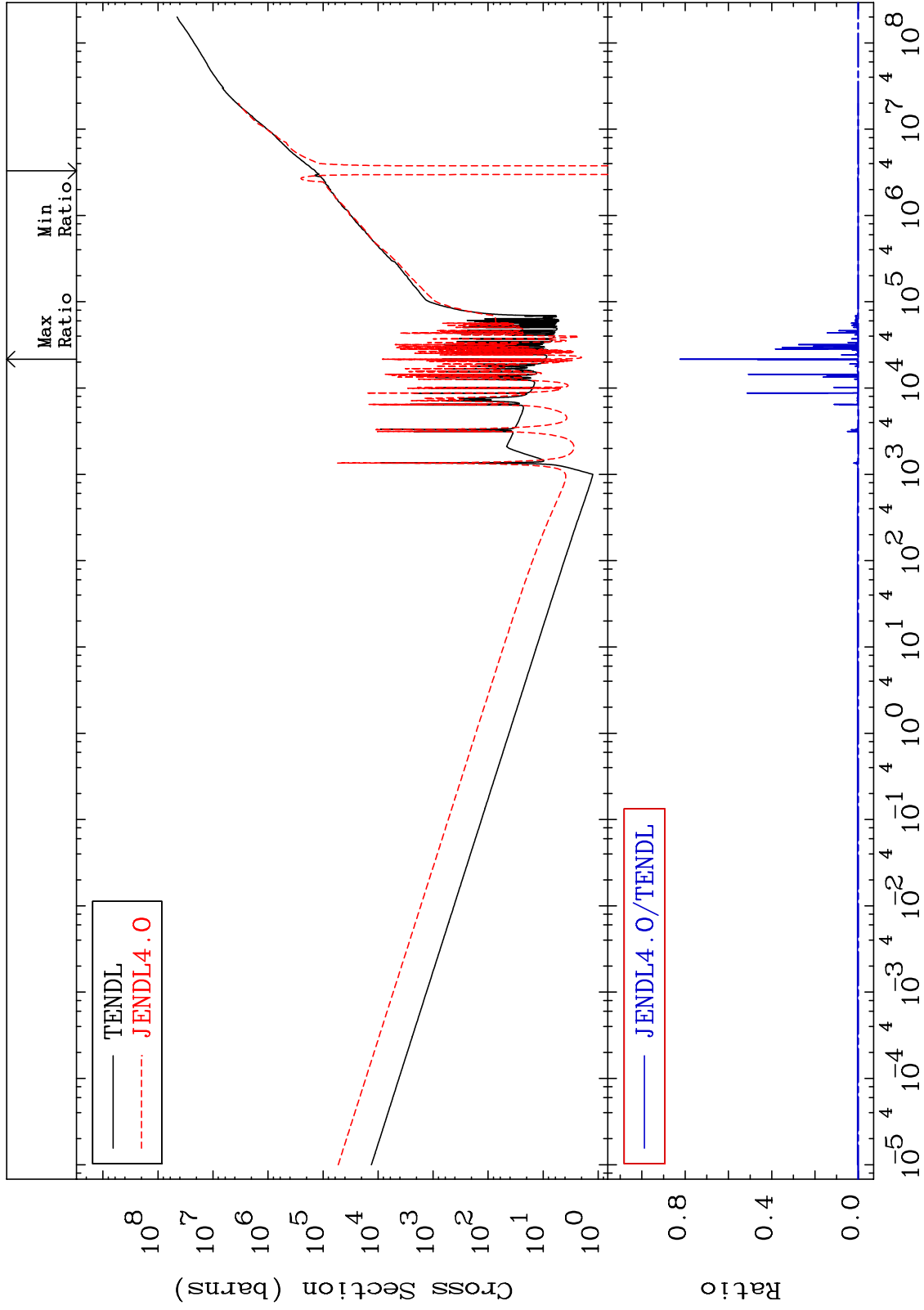
28-Ni-61
-96.96 To 9999. %



MAT 2834

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-61
-151.4 To 9999. %



42

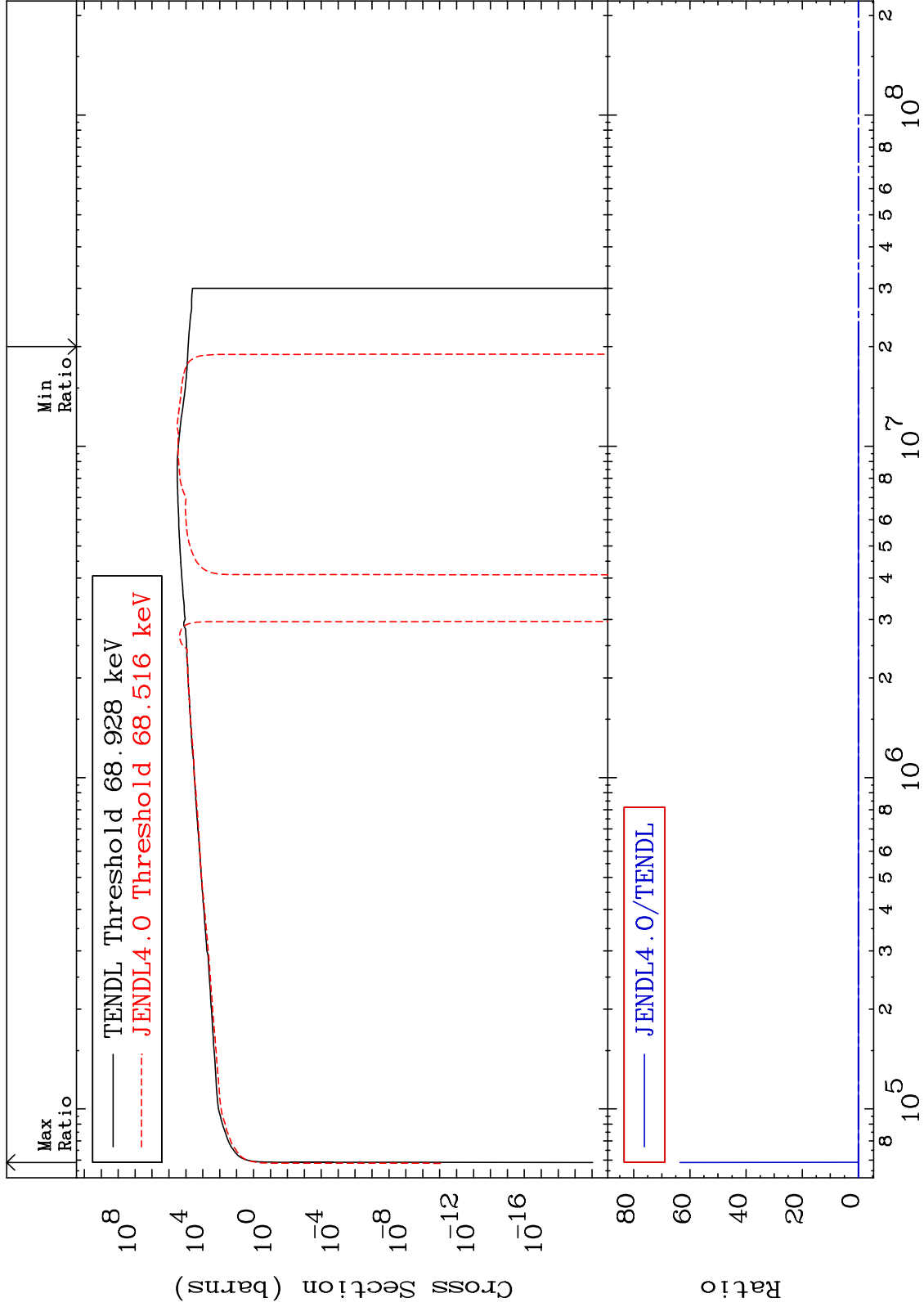
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma inelastic (mt51-91)
Cross Section

28-Ni-61
-210.3 To 9999. %



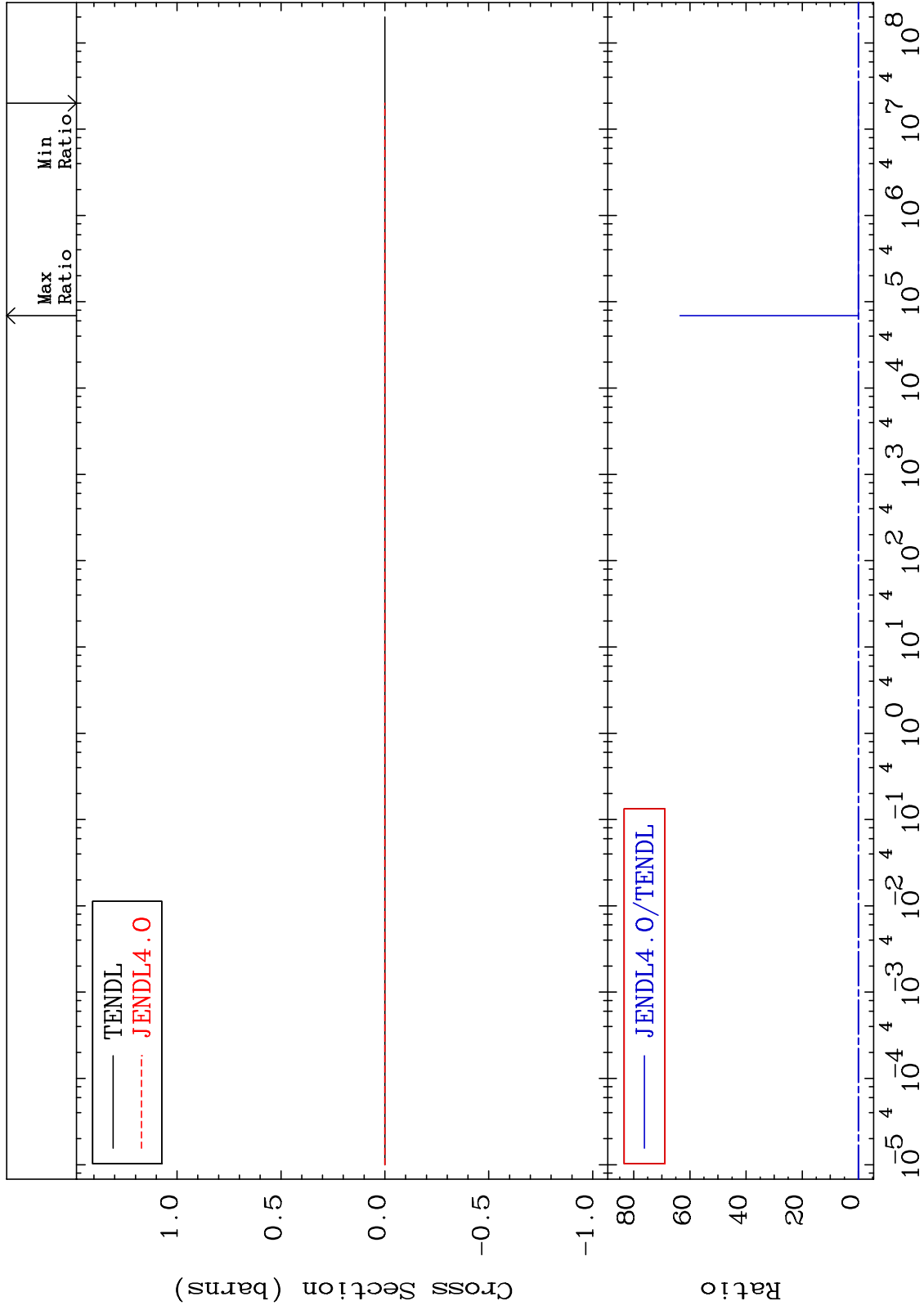
43

28-Ni-61

MAT 2834

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

28-Ni-61
-210.3 To 9999. %



44

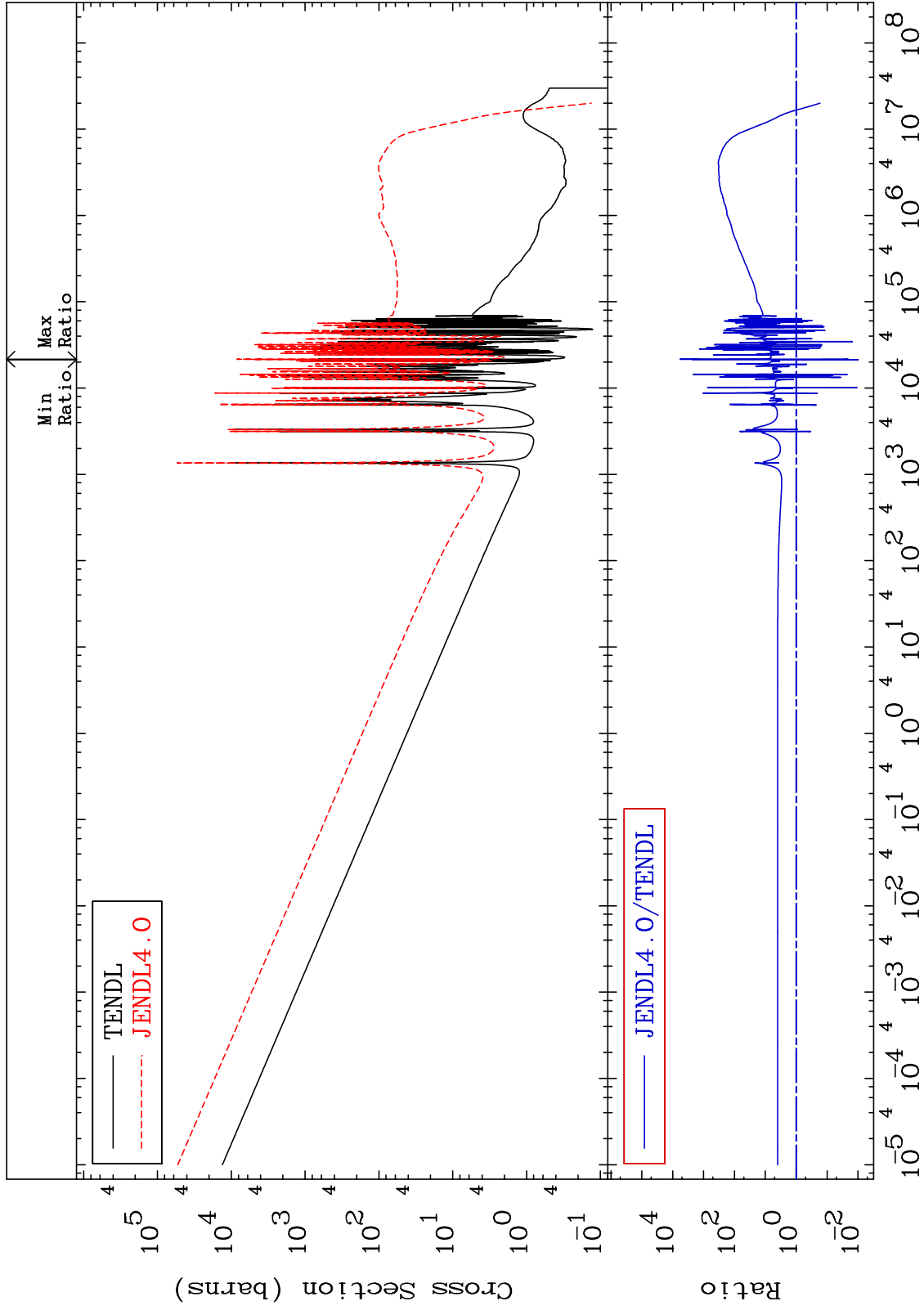
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma capture (mt102)
Cross Section

28-Ni-61
-99.03 To 9999. %



45

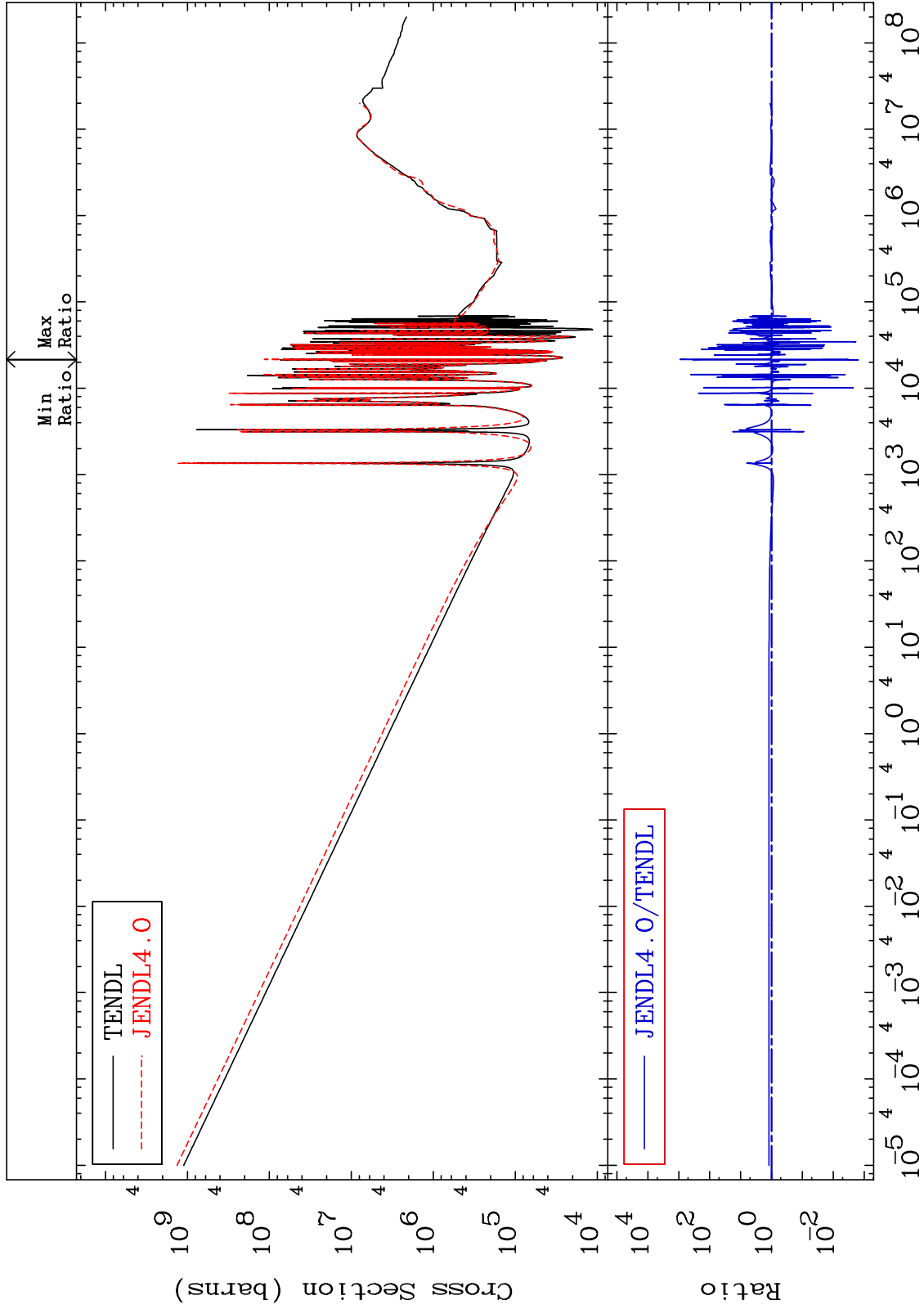
Incident Energy (eV)

28-Ni-61

MAT 2834

Total photon (eV-barns)
Cross Section

28-Ni-61
-99.85 To 9999. %



46

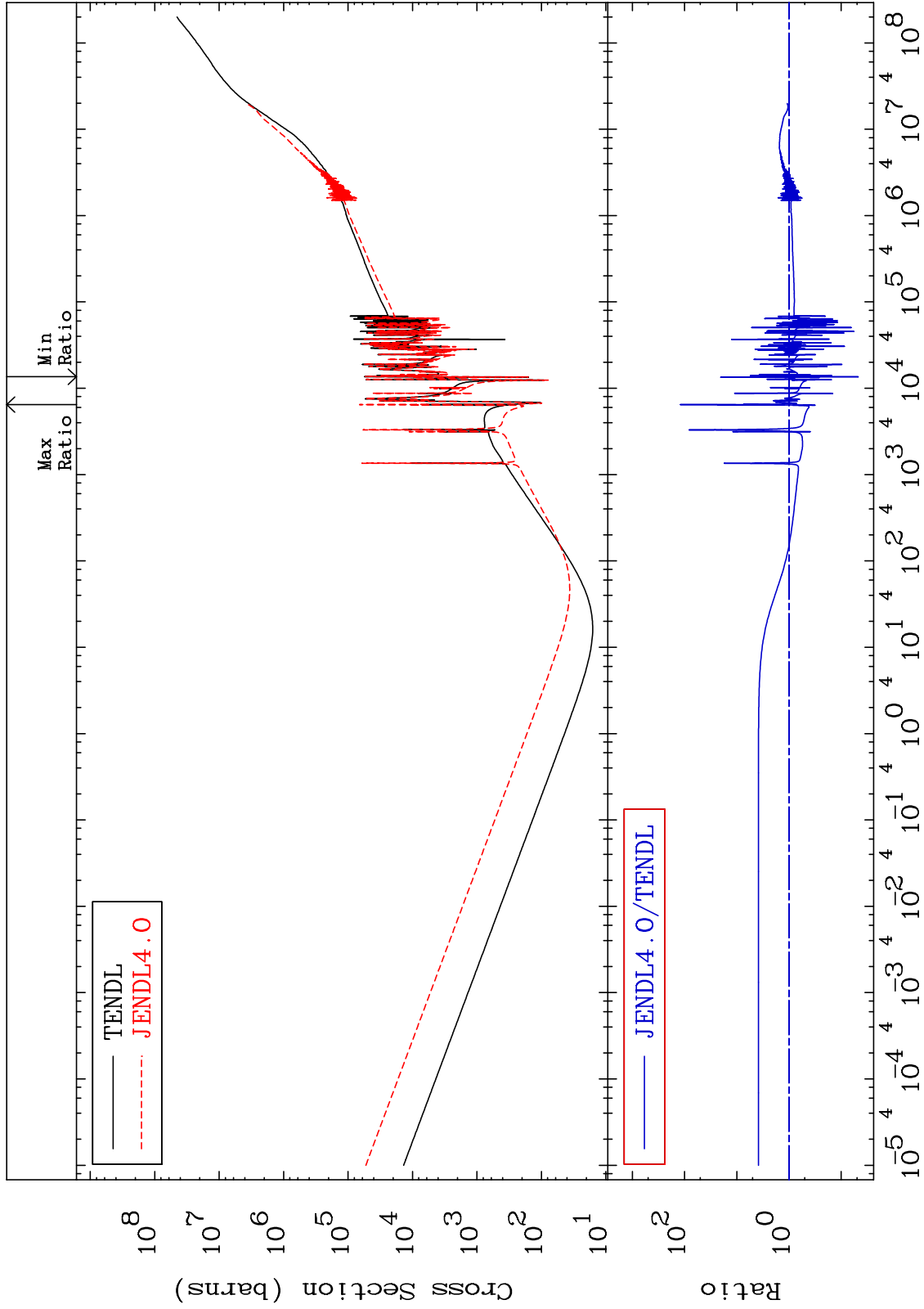
Incident Energy (eV)

28-Ni-61

MAT 2834

Total kinematic kerma (high limit)
Cross Section

28-Ni-61
-95.31 To 9999. %



47

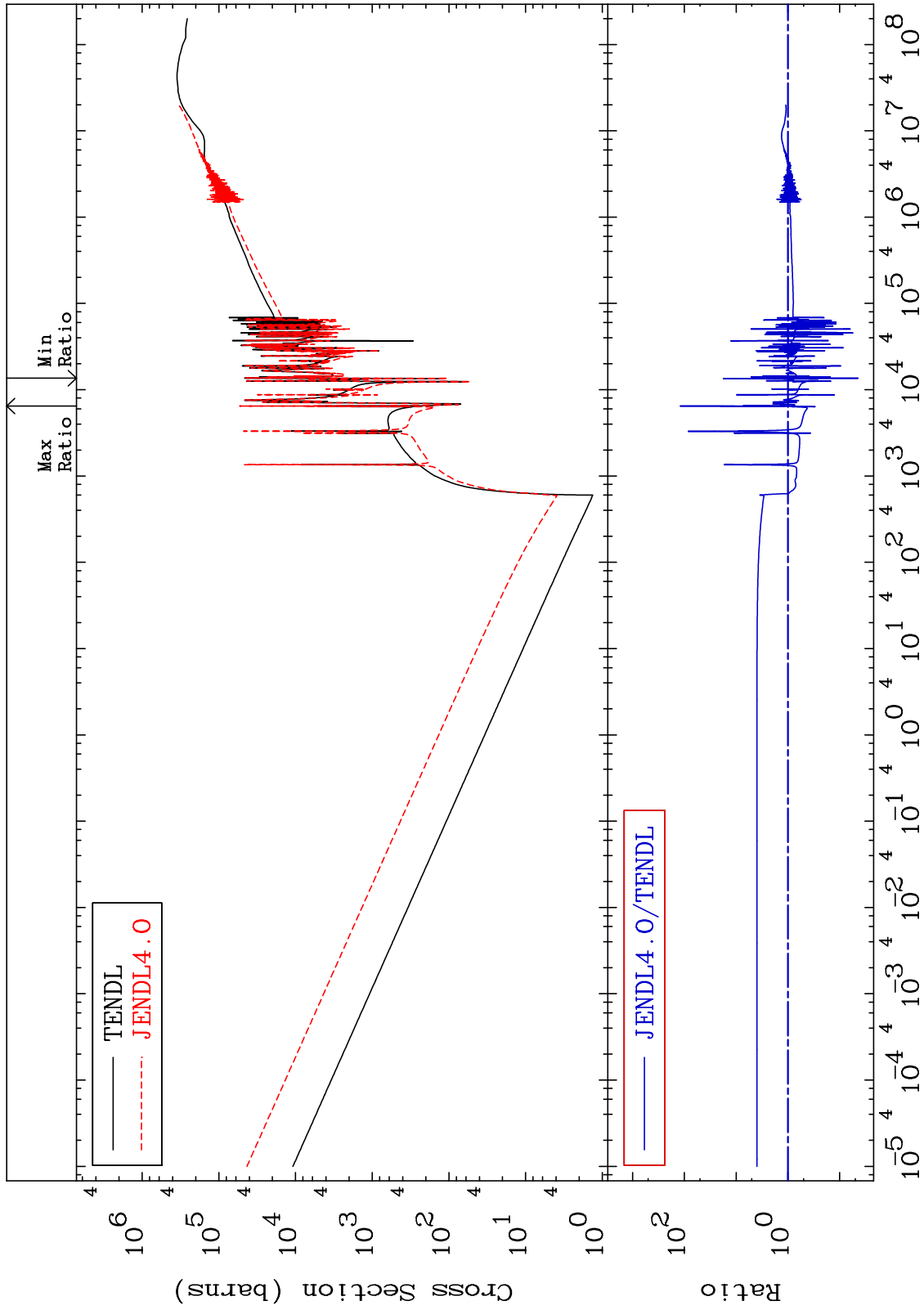
Incident Energy (eV)

28-Ni-61

MAT 2834

Dpa total (eV-barns)
Cross Section

28-Ni-61
-95.65 To 9999. %



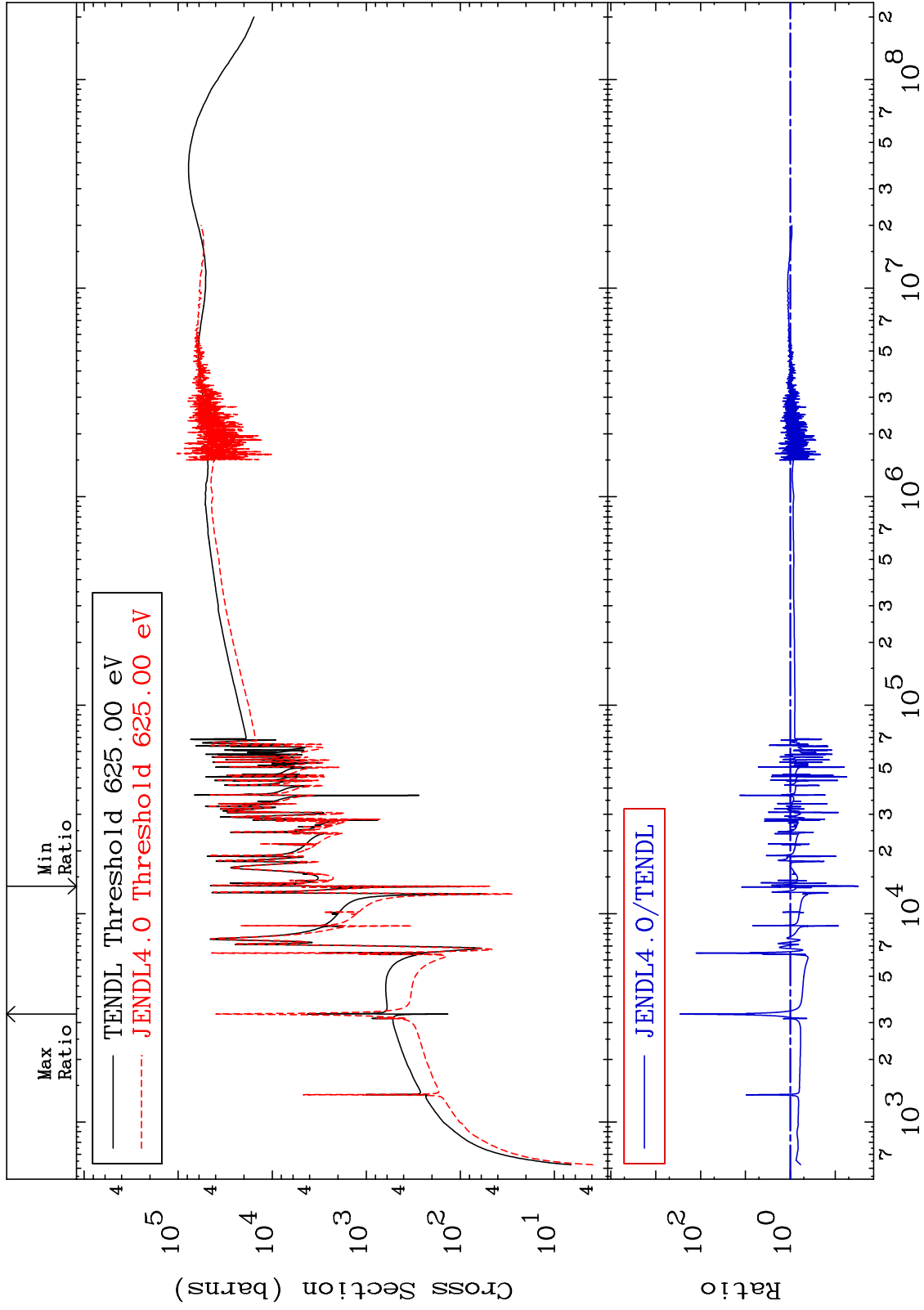
48

28-Ni-61

MAT 2834

Dpa elastic (mt2)
Cross Section

28-Ni-61
-96.96 To 9999. %



49

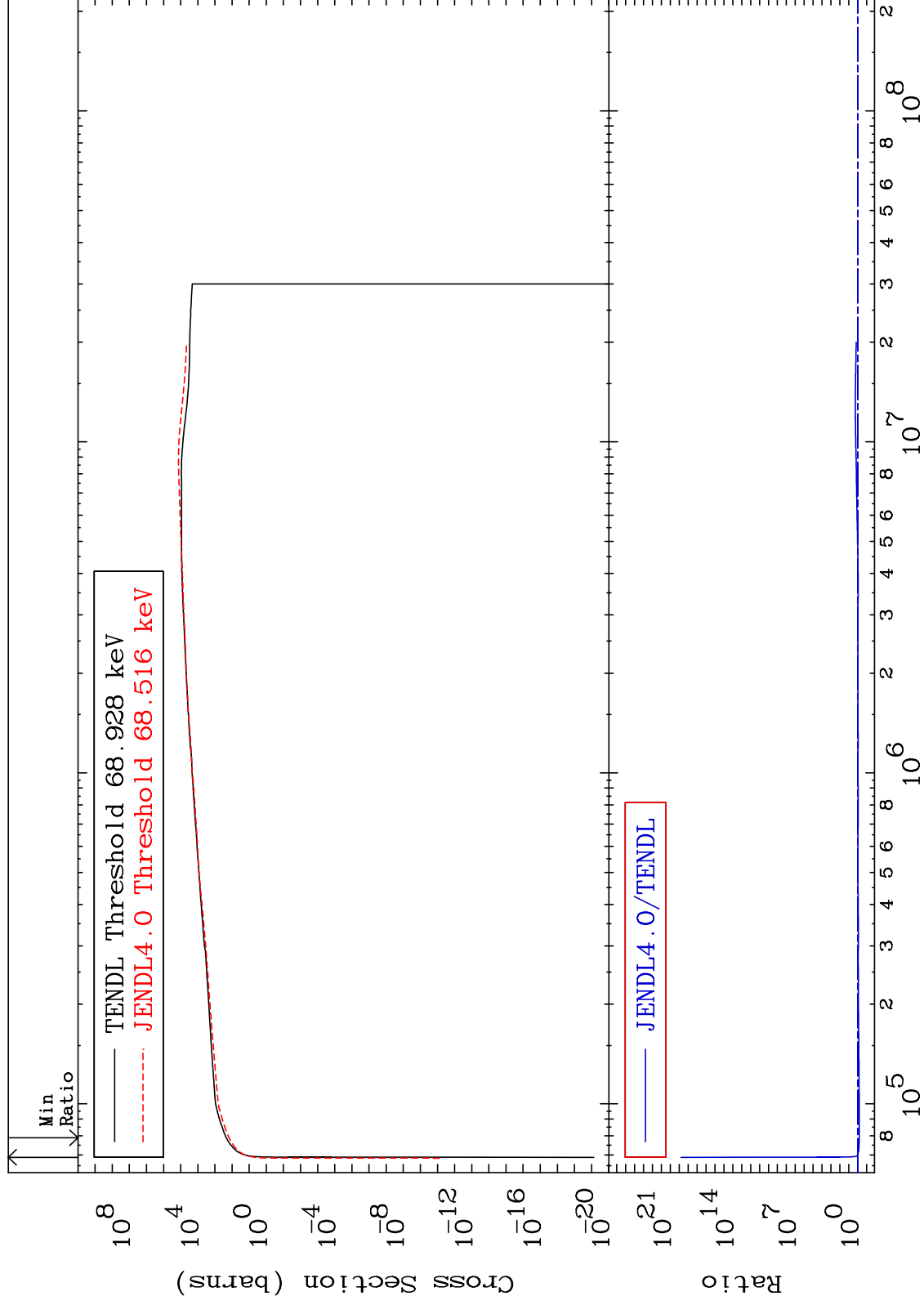
28-Ni-61

28-Ni-61

MAT 2834

Dpa inelastic (mt51-91)
Cross Section

28-Ni-61
-32.00 To 9999. %



50

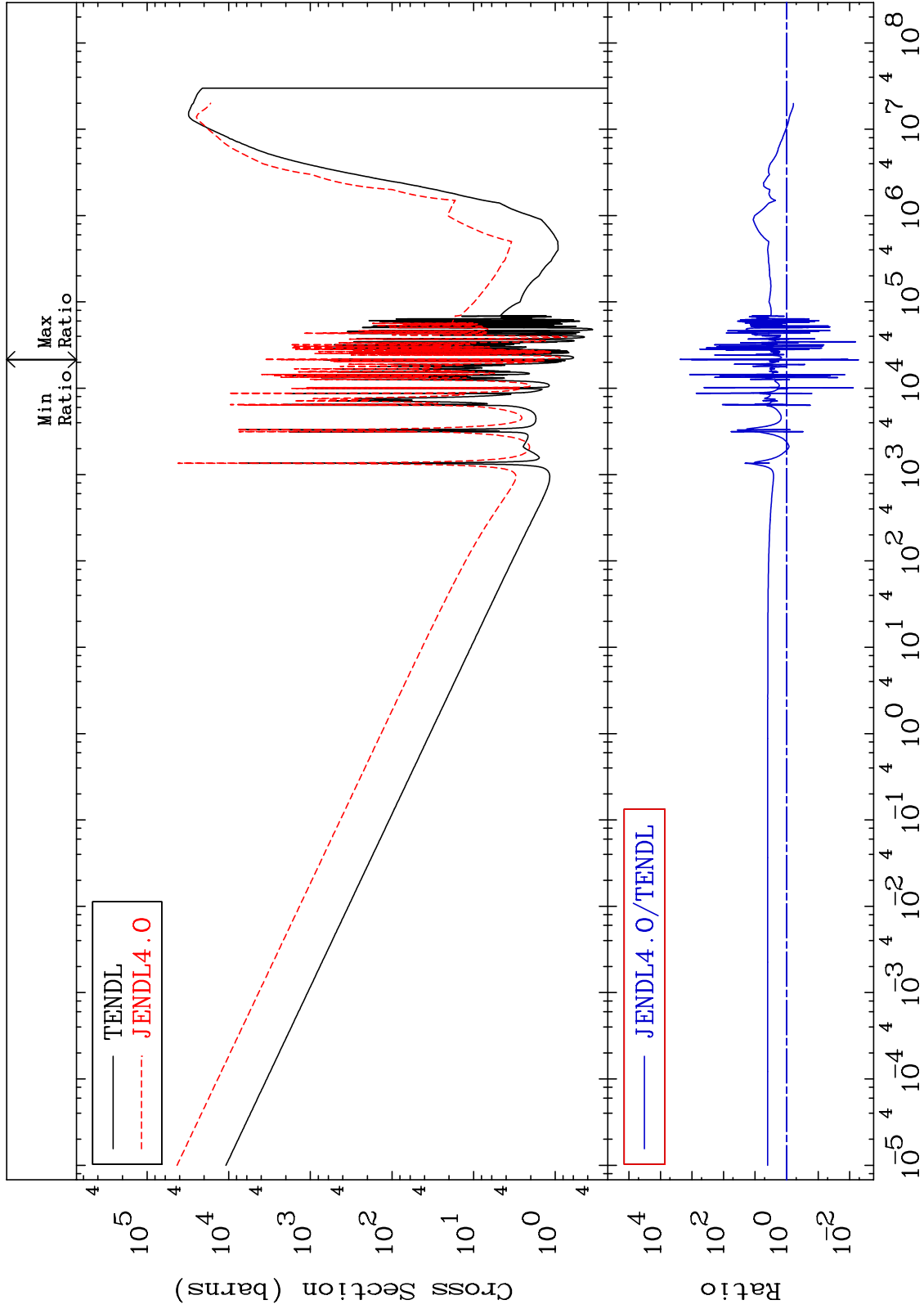
Incident Energy (eV)

28-Ni-61

MAT 2834

Dpa disappearance (mt102 -120)
Cross Section

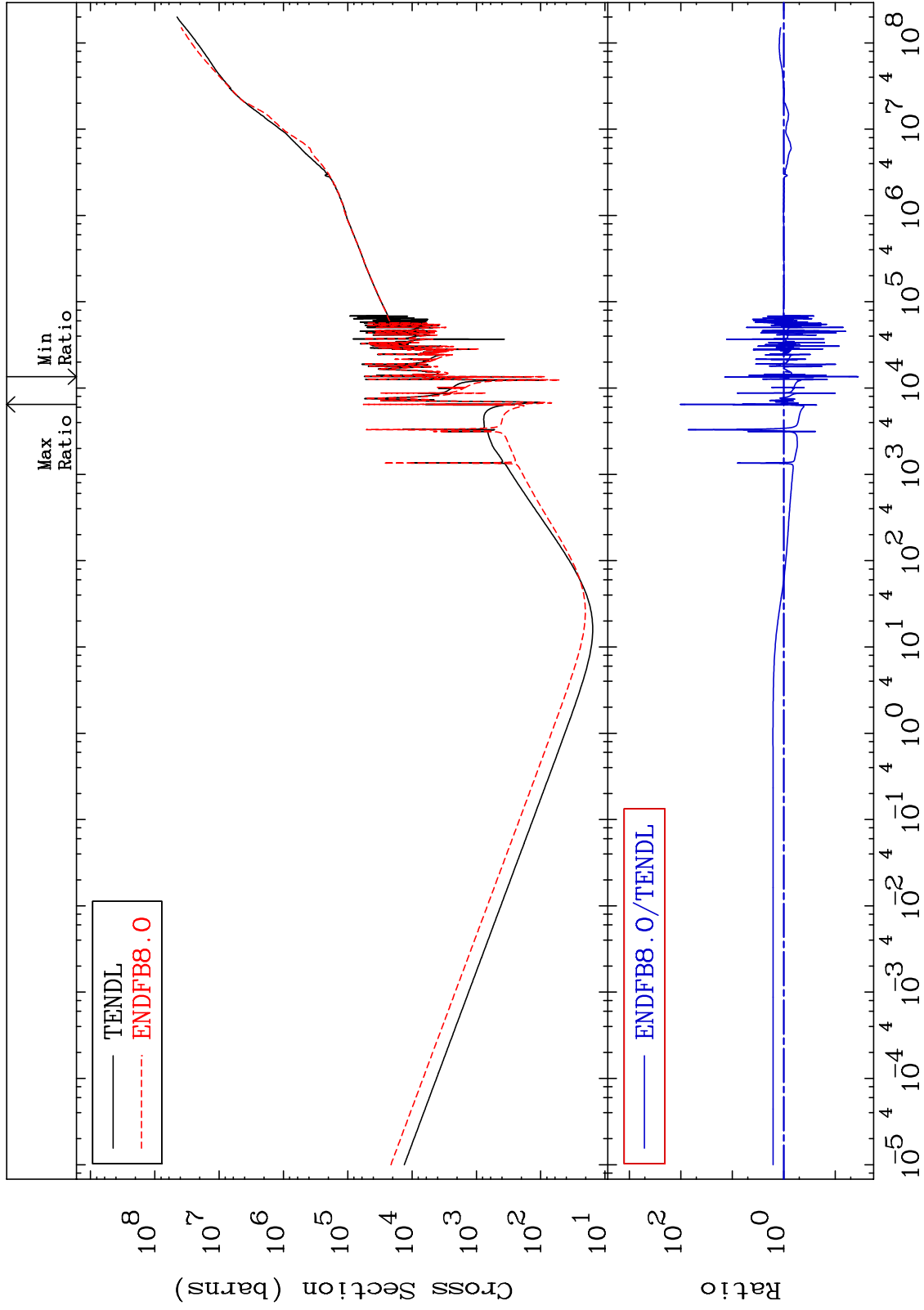
28-Ni-61
-99.47 To 9999. %



MAT 2834

Kerma total (eV-barns)
Cross Section

28-Ni-61
-96.45 To 9999. %



52

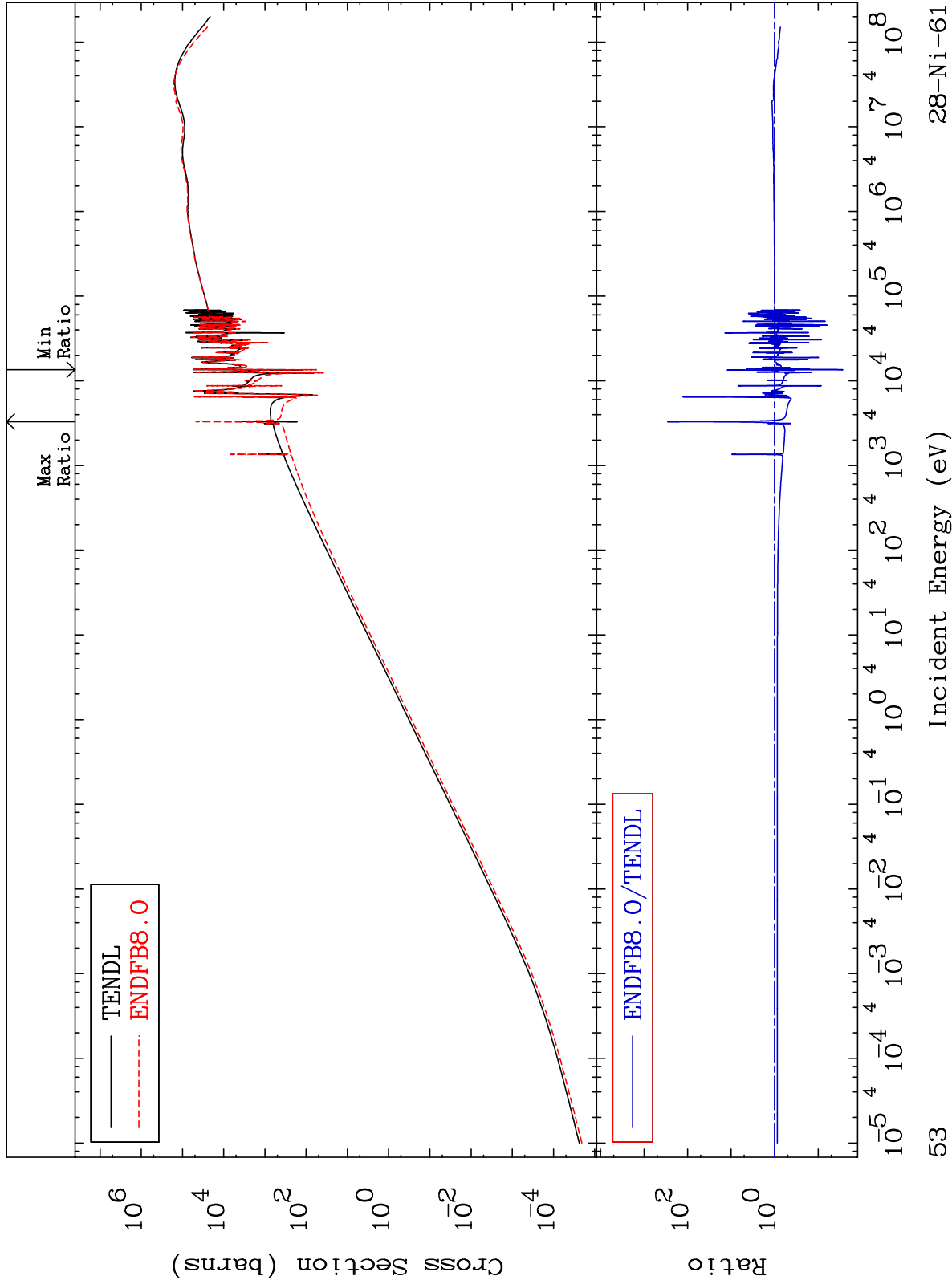
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma elastic
Cross Section

28-Ni-61
-97.26 To 9999. %



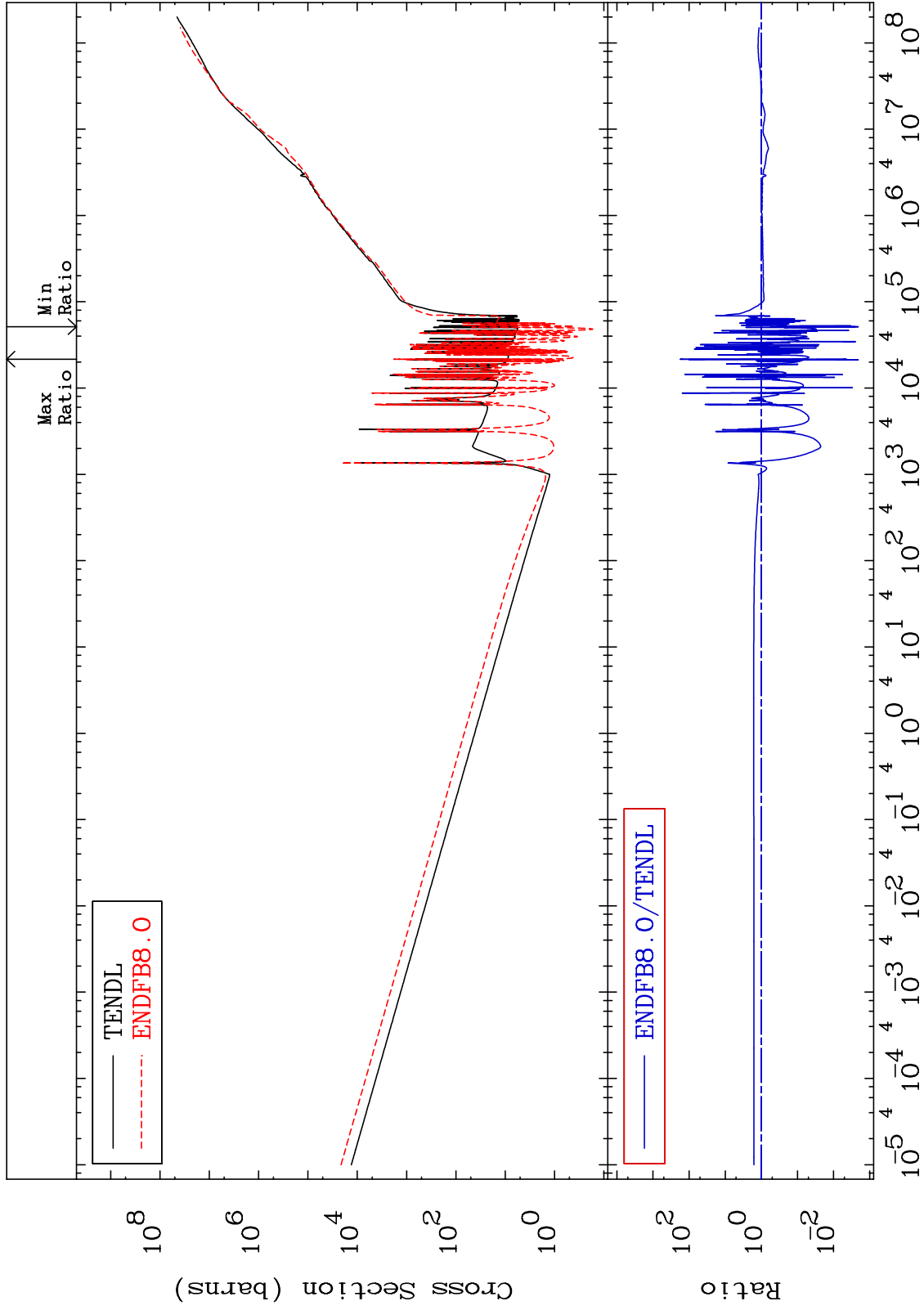
53

28-Ni-61

MAT 2834

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-61
-99.79 To 9999. %



54

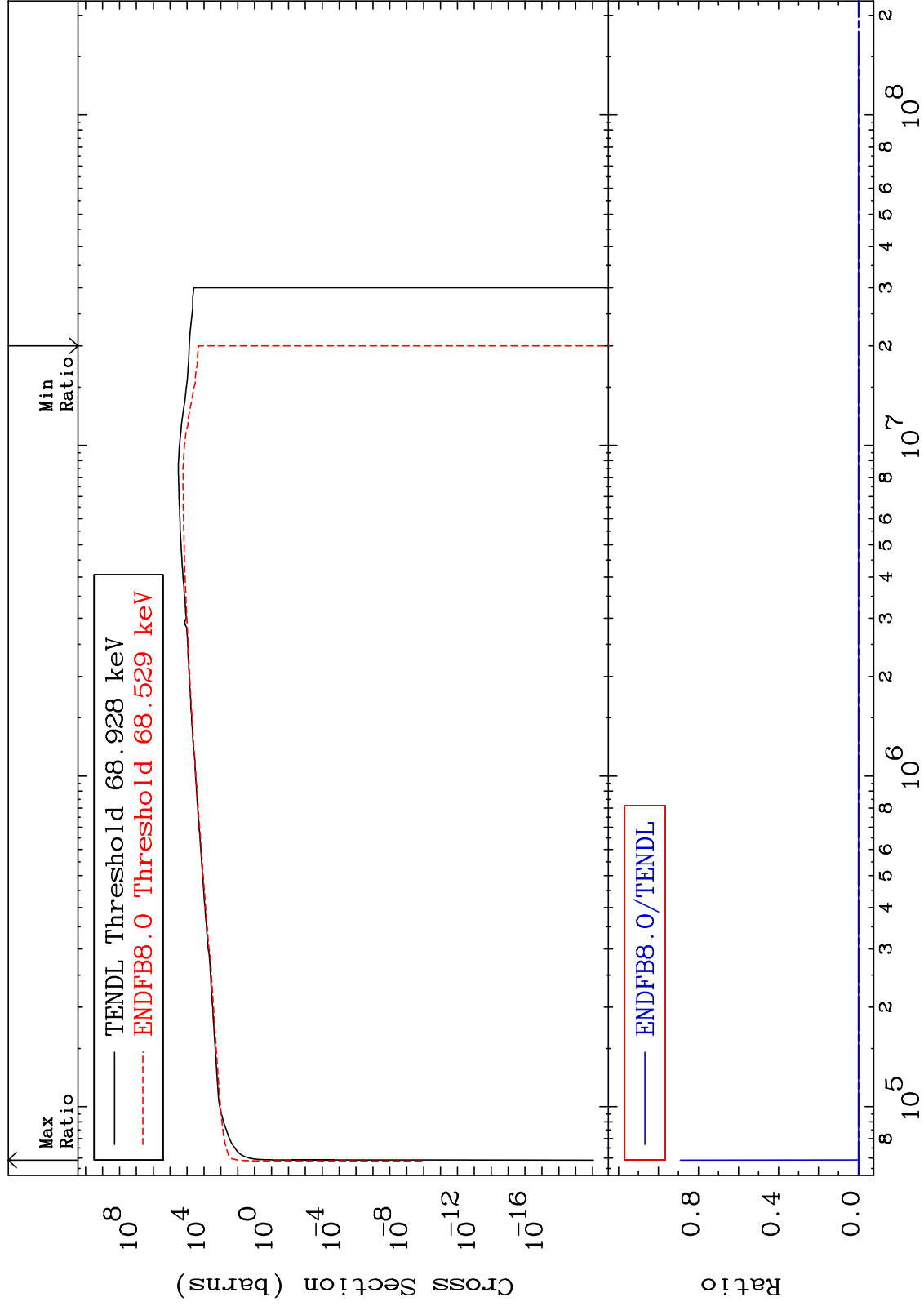
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma inelastic (mt51-91)
Cross Section

28-Ni-61
-100.0 To 9999. %



55

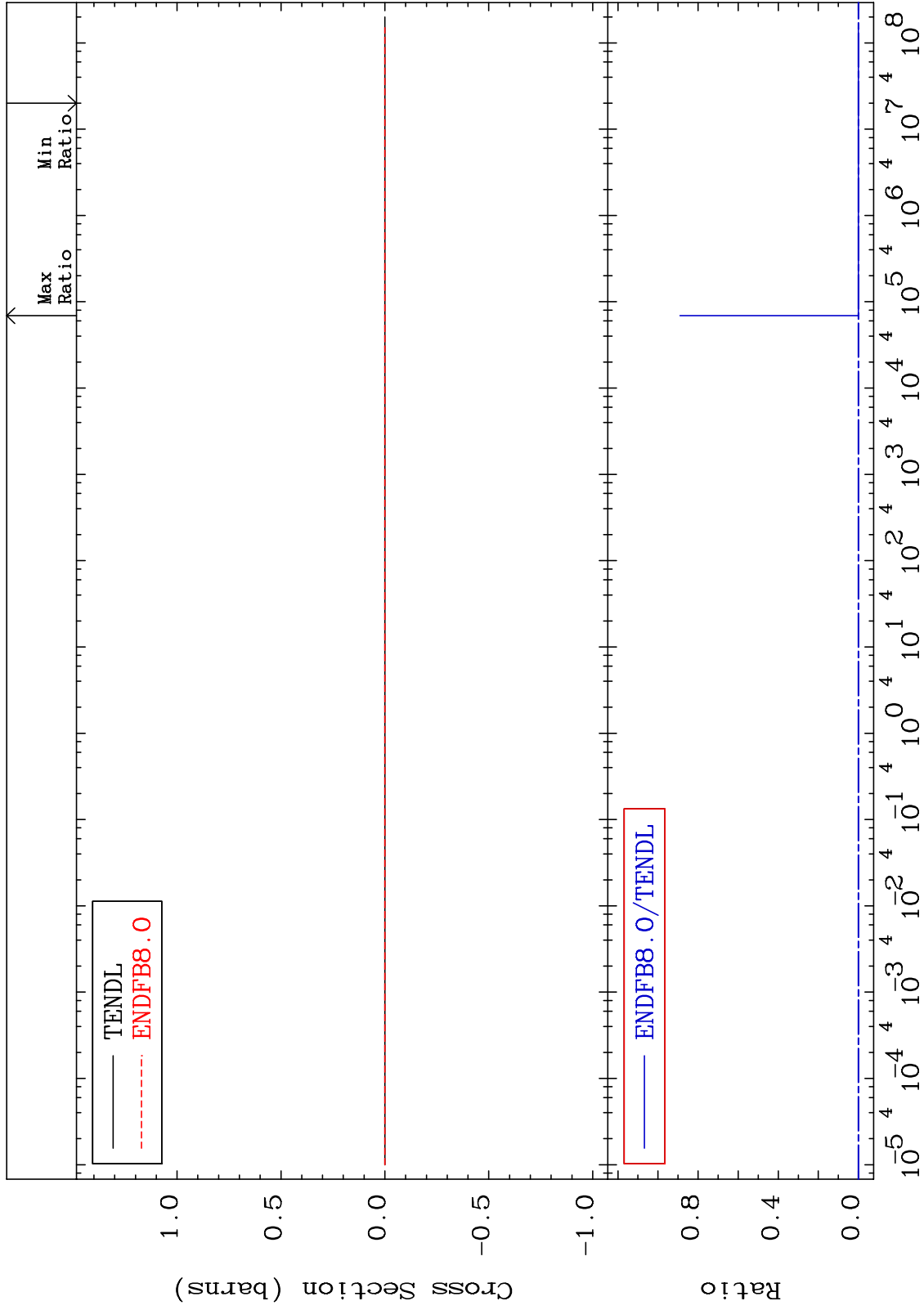
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61
-100.0 To 9999. %



56

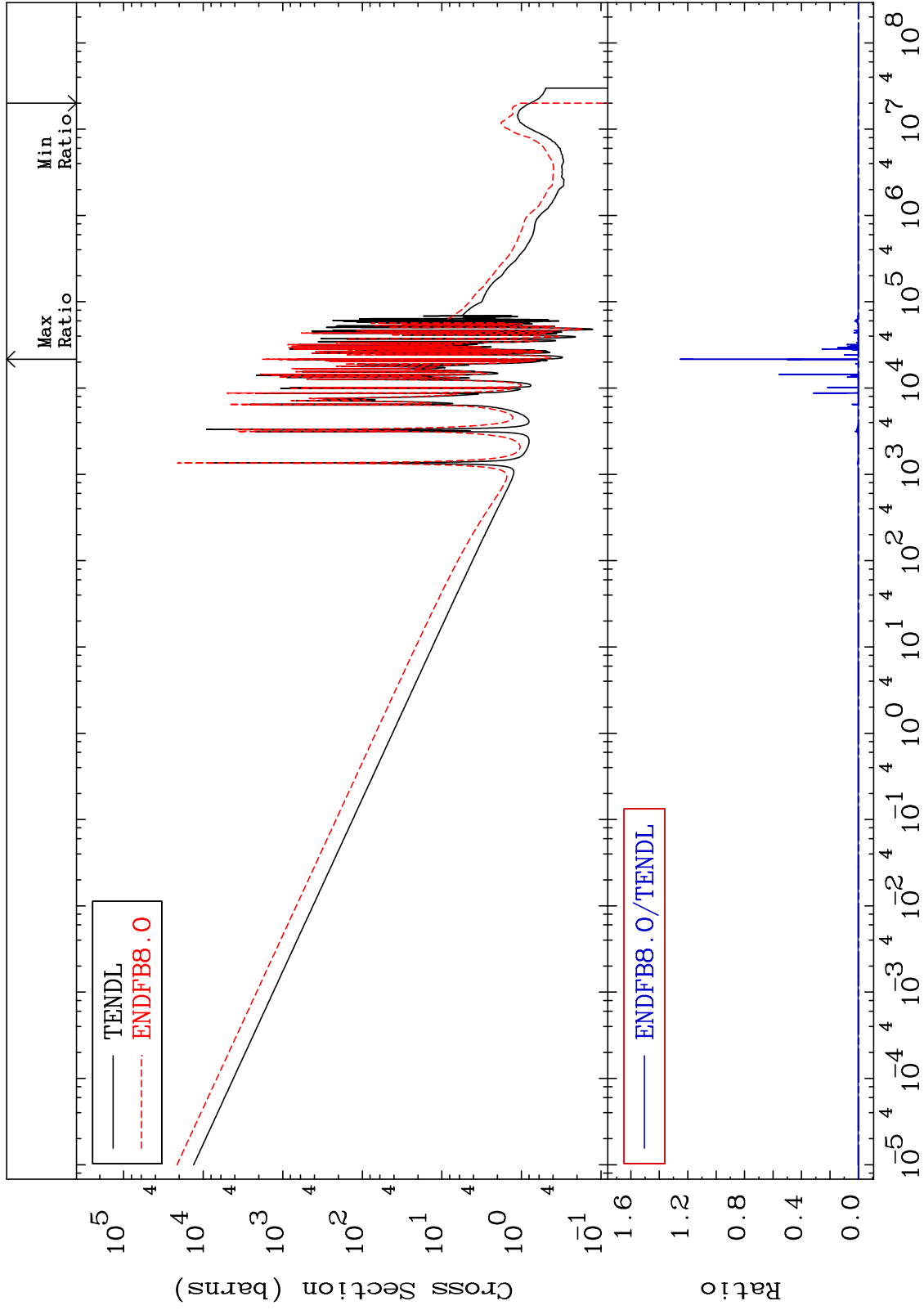
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma capture (mt102)
Cross Section

28-Ni-61
-100.0 To 9999. %



57

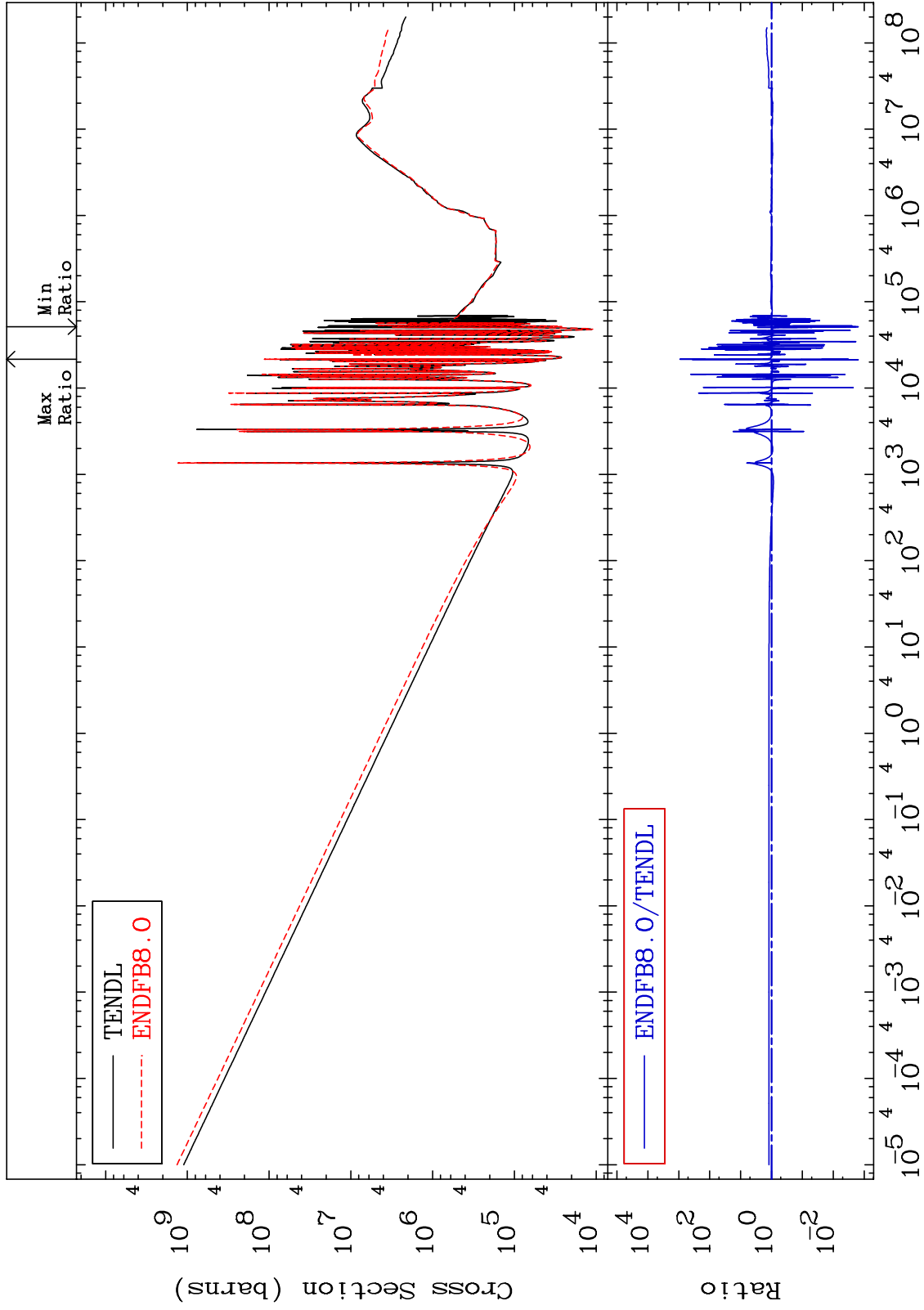
Incident Energy (eV)

28-Ni-61

MAT 2834

Total photon (eV-barns)
Cross Section

28-Ni-61
-99.85 To 9999. %



58

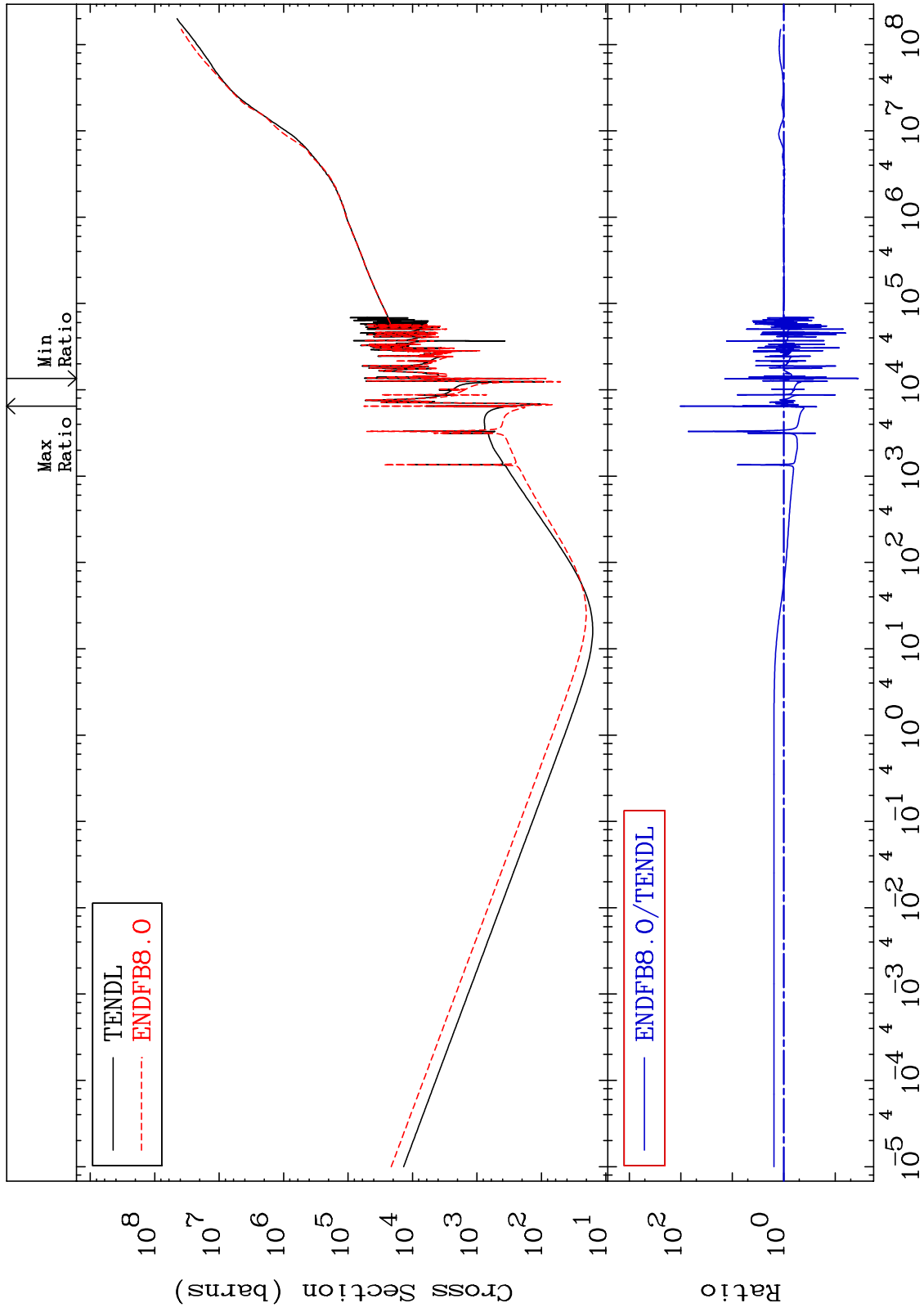
Incident Energy (eV)

28-Ni-61

MAT 2834

Total kinematic kerma (high limit)
Cross Section

28-Ni-61
-96.45 To 9999. %



59

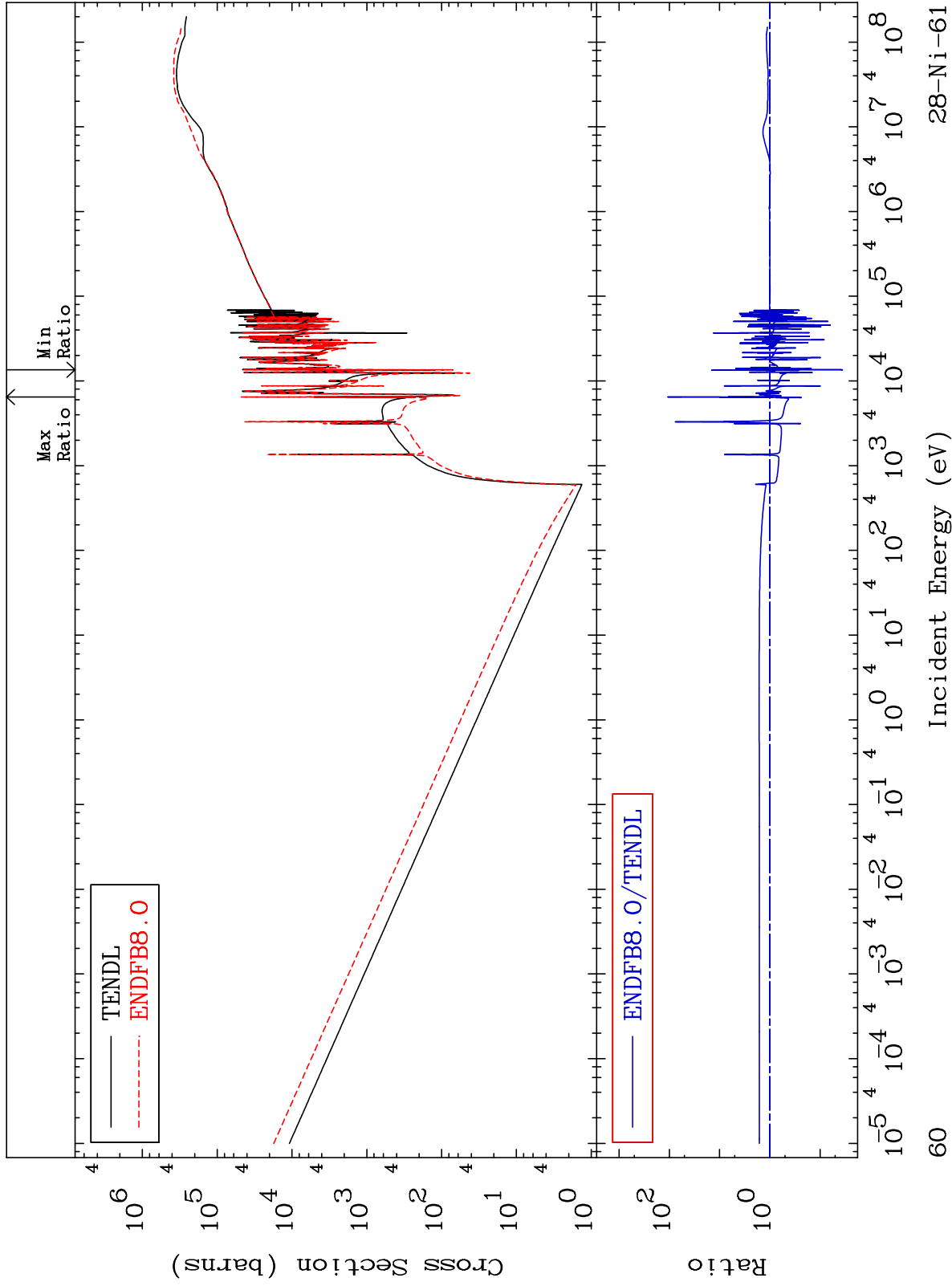
Incident Energy (eV)

28-Ni-61

MAT 2834

Dpa total (eV-barns)
Cross Section

28-Ni-61
-96.45 To 9999. %



60

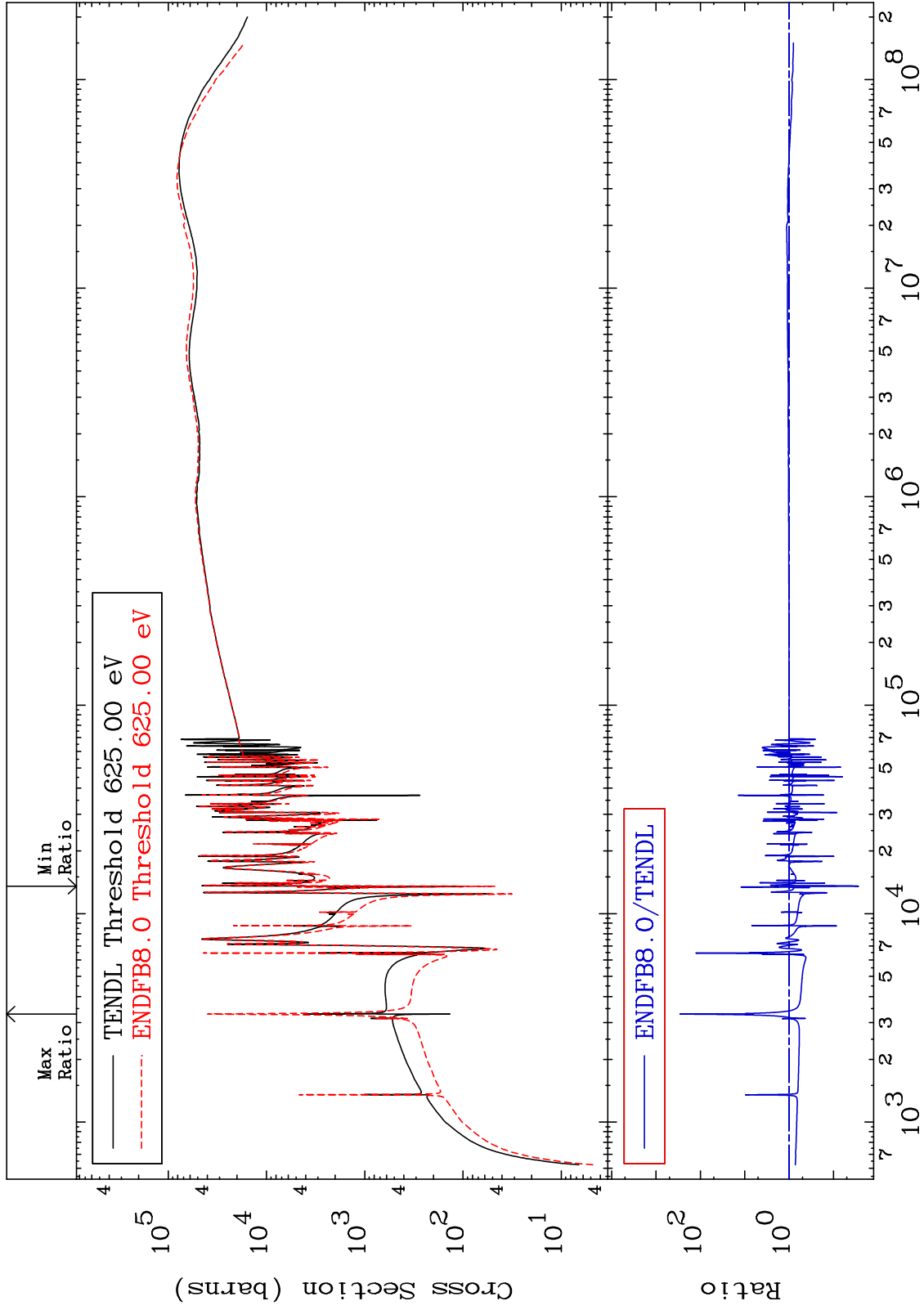
Incident Energy (eV)

28-Ni-61

MAT 2834

Dpa elastic (mt2)
Cross Section

28-Ni-61
-97.26 To 9999. %



61

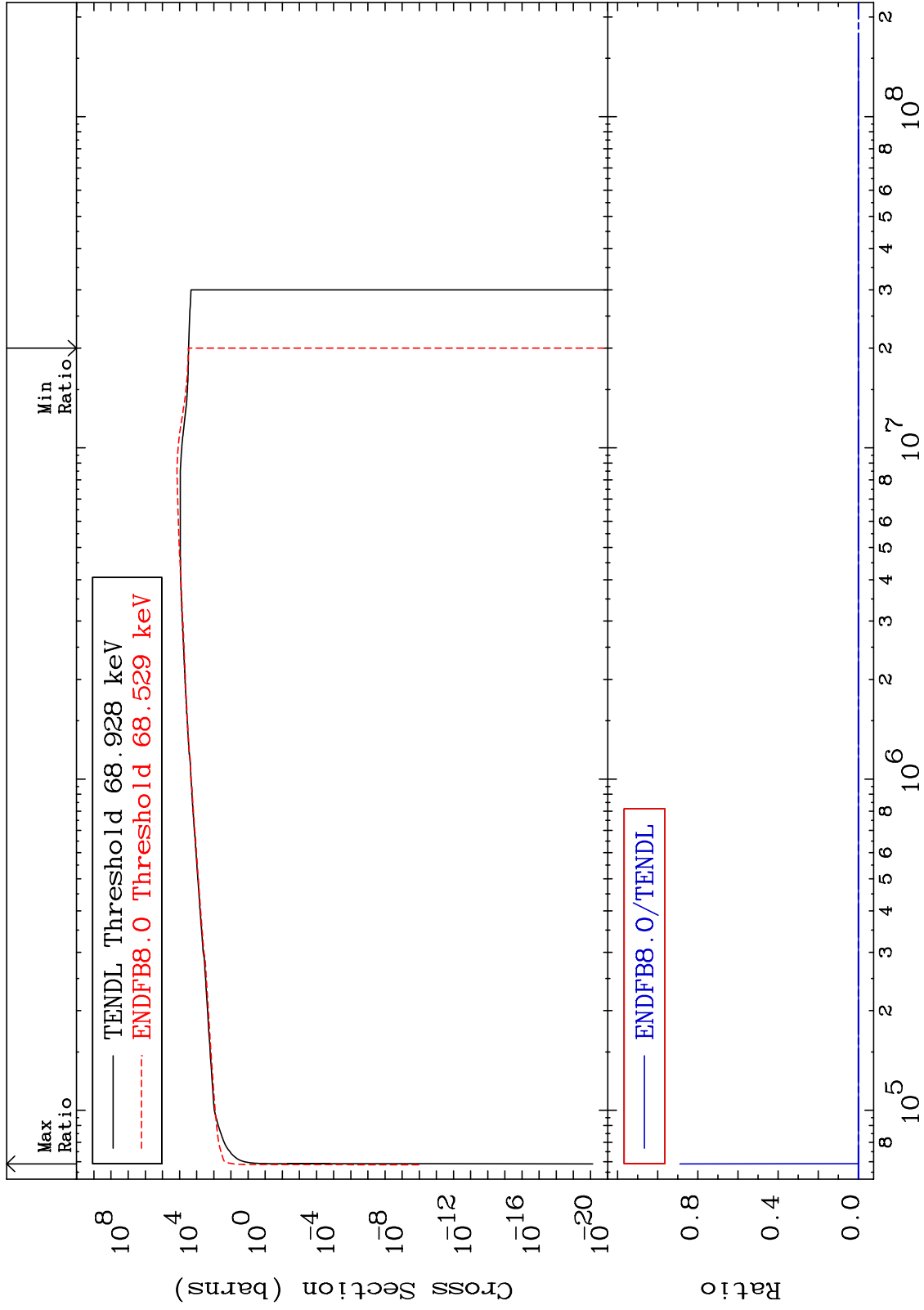
28-Ni-61

28-Ni-61

MAT 2834

Dpa inelastic (mt51-91)
Cross Section

28-Ni-61
-100.0 To 9999. %



62

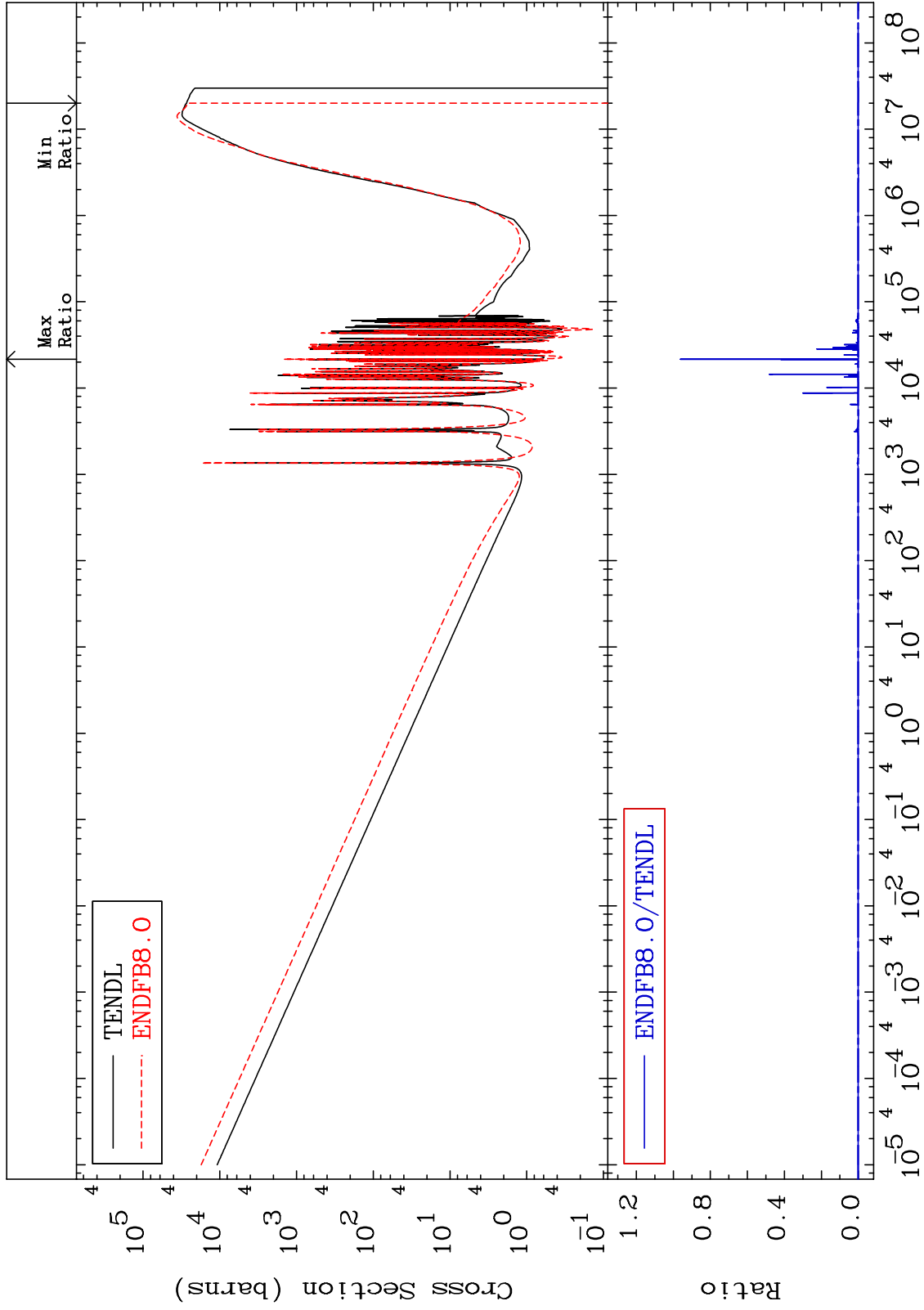
Incident Energy (eV)

28-Ni-61

MAT 2834

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-61
-100.0 To 9999. %



63

Incident Energy (eV)

28-Ni-61