

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

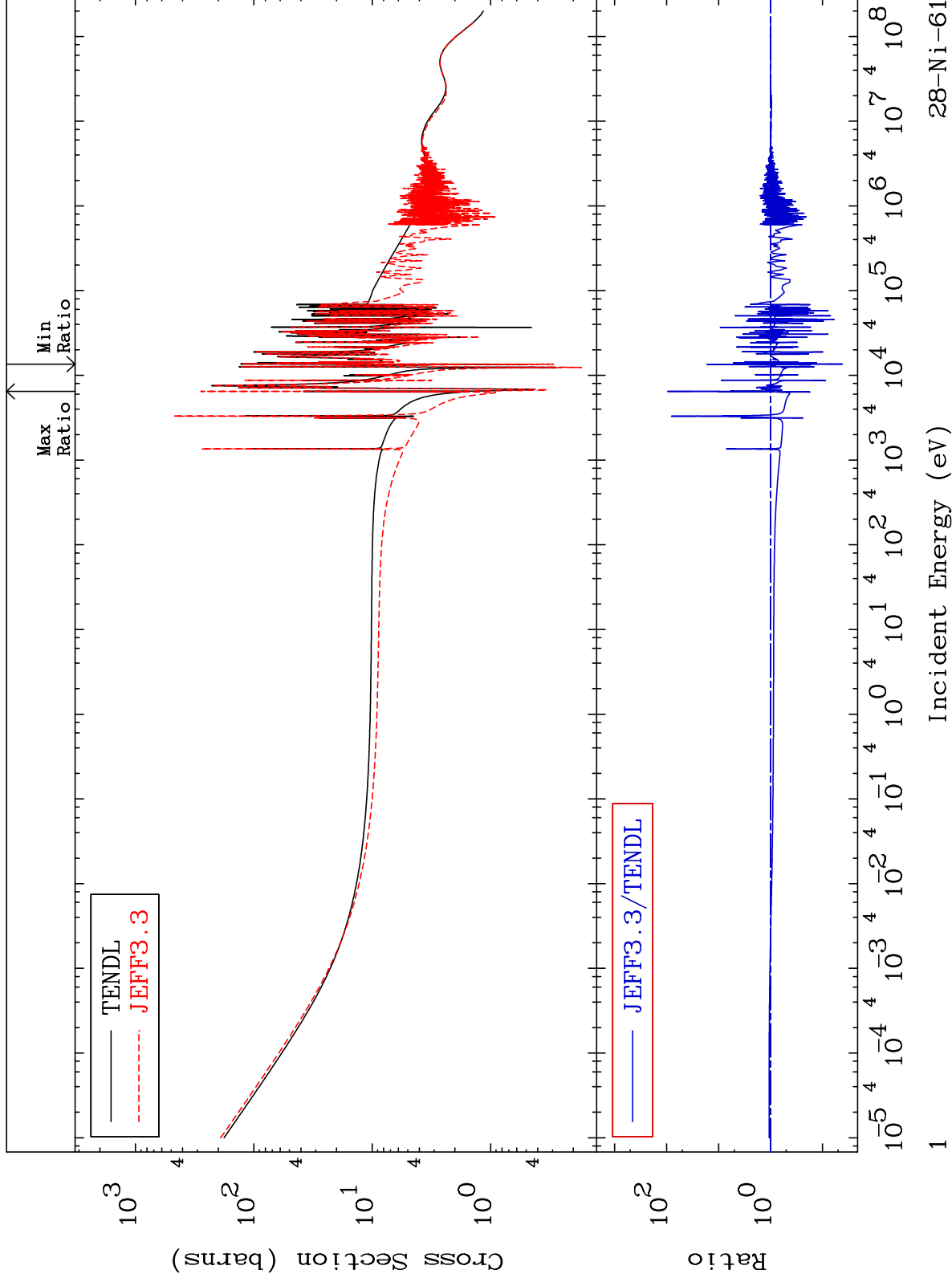
MAT 2834

Total

28-Ni-61

Cross Section

-95.91 To 9491. %



Incident Energy (eV)

28-Ni-61

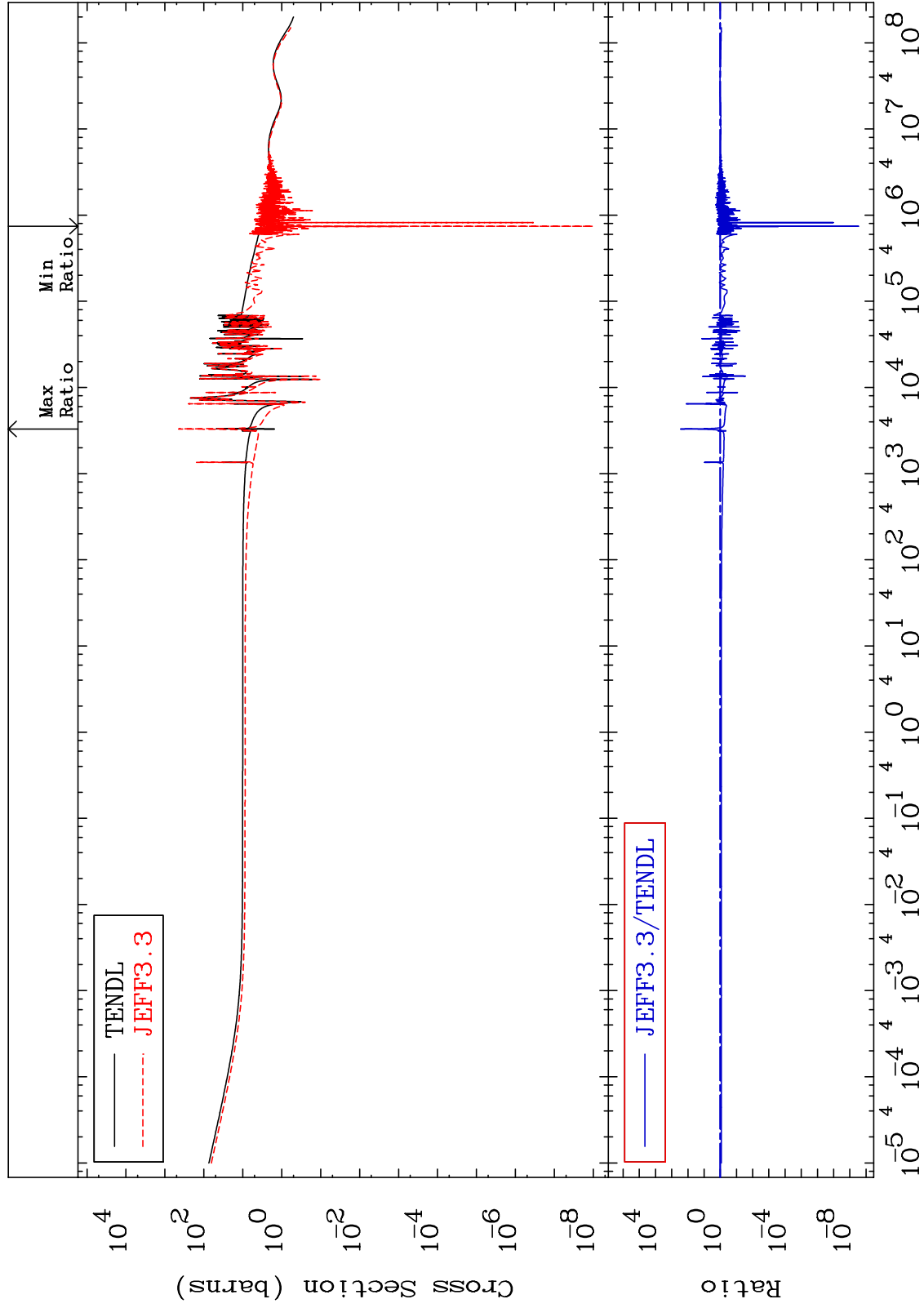
MAT 2834

Elastic

Cross Section

28-Ni-61

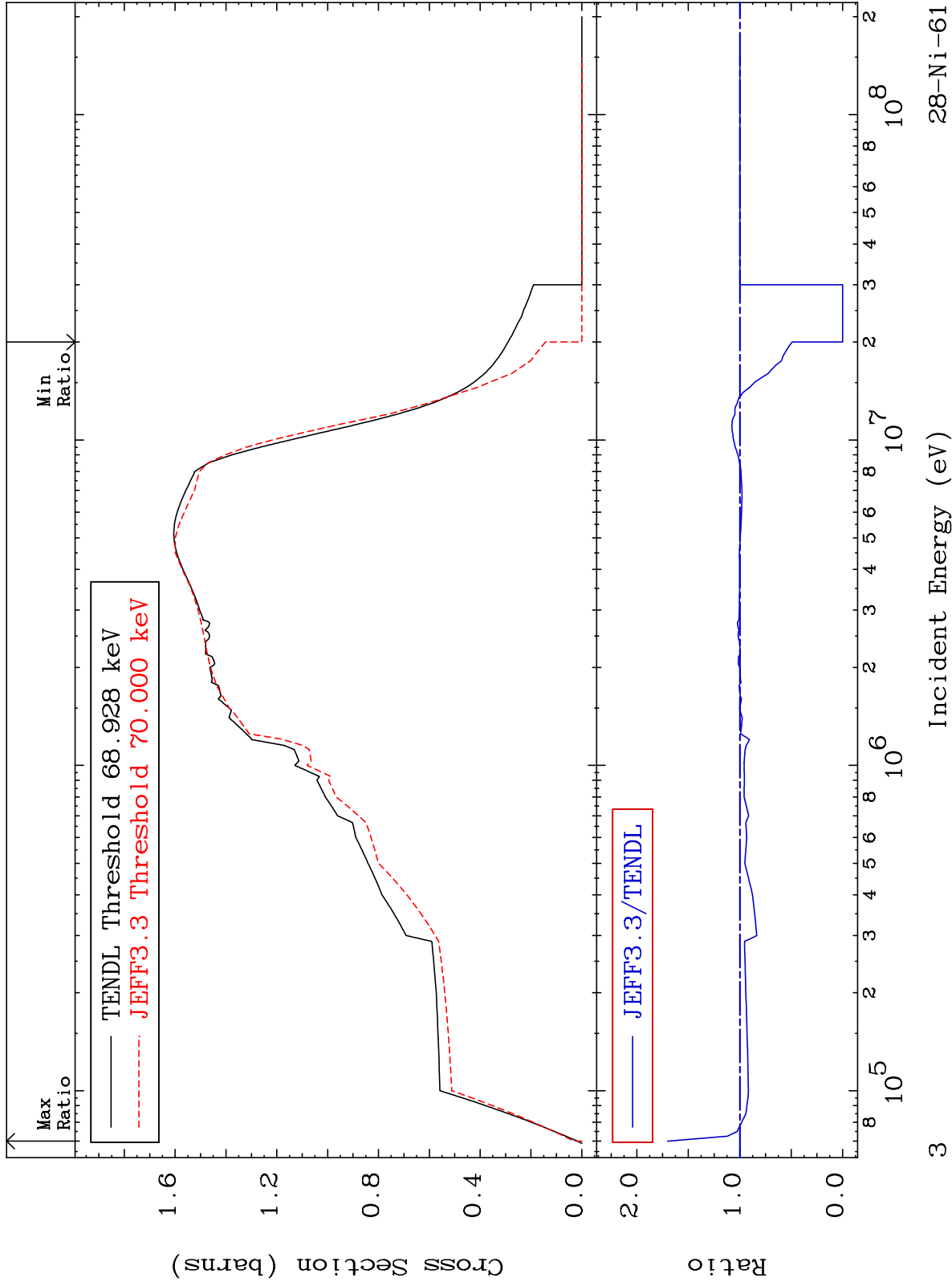
-100.0 To 9999. %



MAT 2834

Inelastic
Cross Section

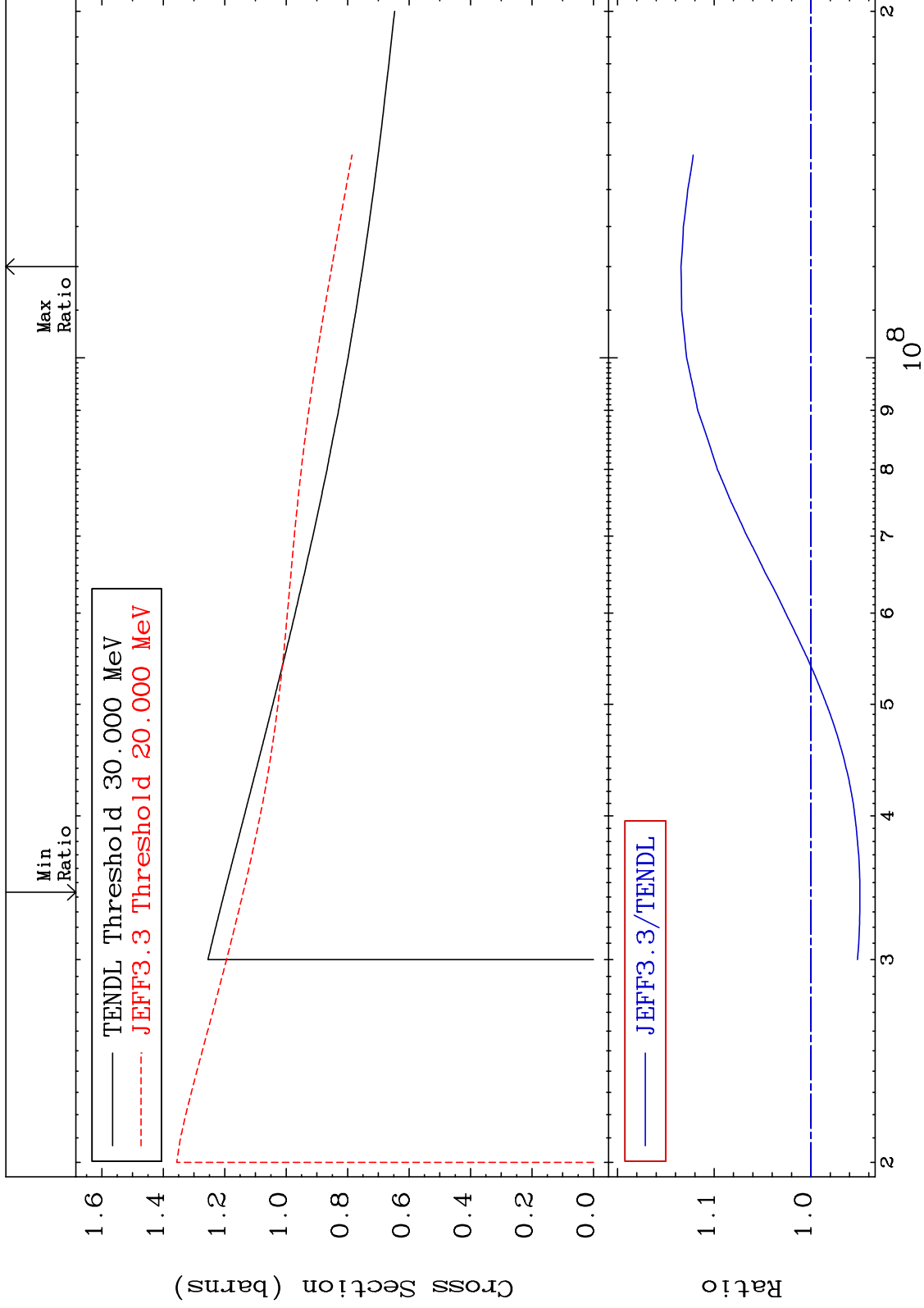
28-Ni-61
-100.0 To 70.19 %



MAT 2834

(n, remainder)
Cross Section

28-Ni-61
-5.066 To 13.43 %



4

Incident Energy (eV)

28-Ni-61

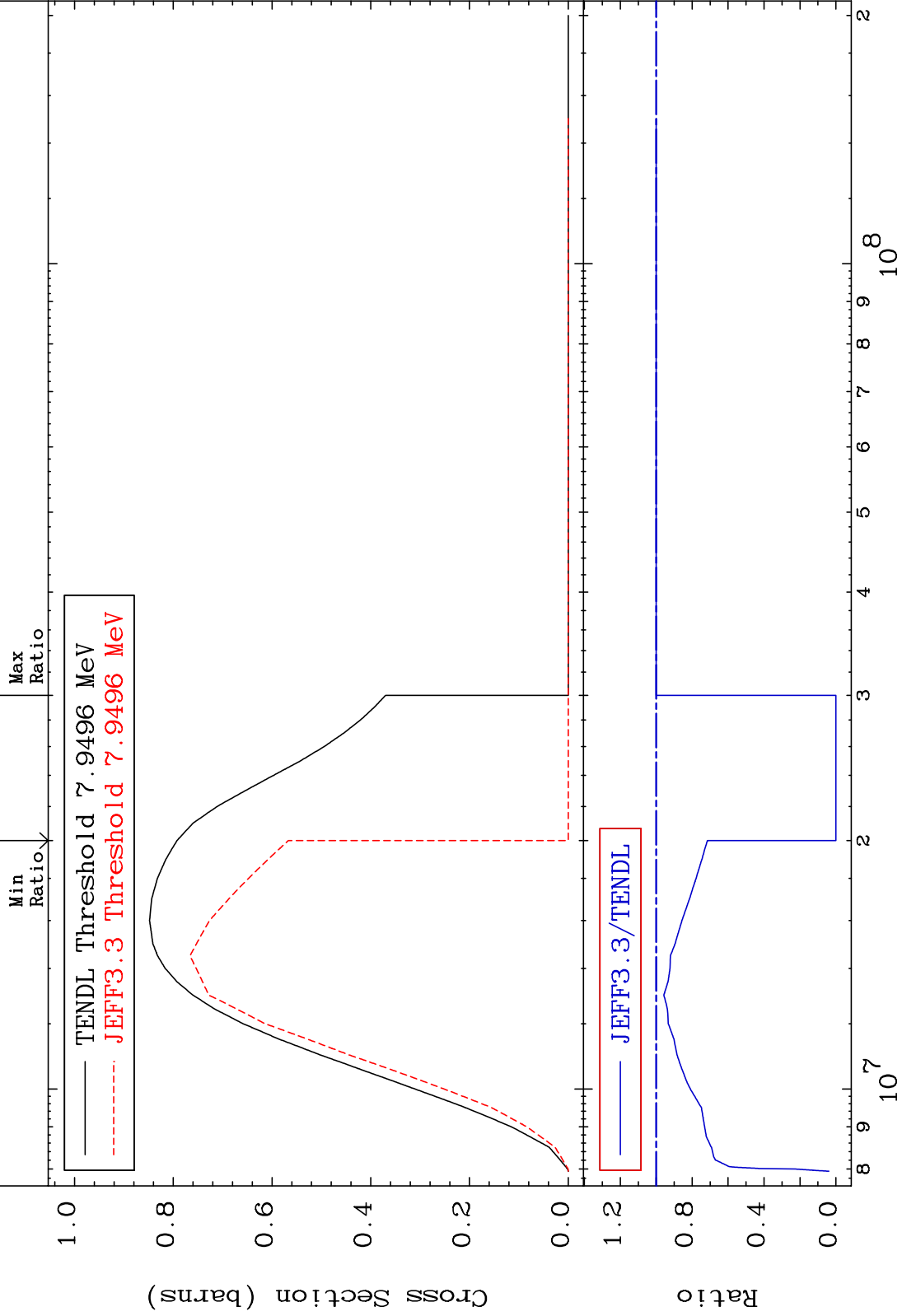
MAT 2834

(n,2n)

28-Ni-61

-100.0 To 0.000 %

Cross Section



5

Incident Energy (eV)

28-Ni-61

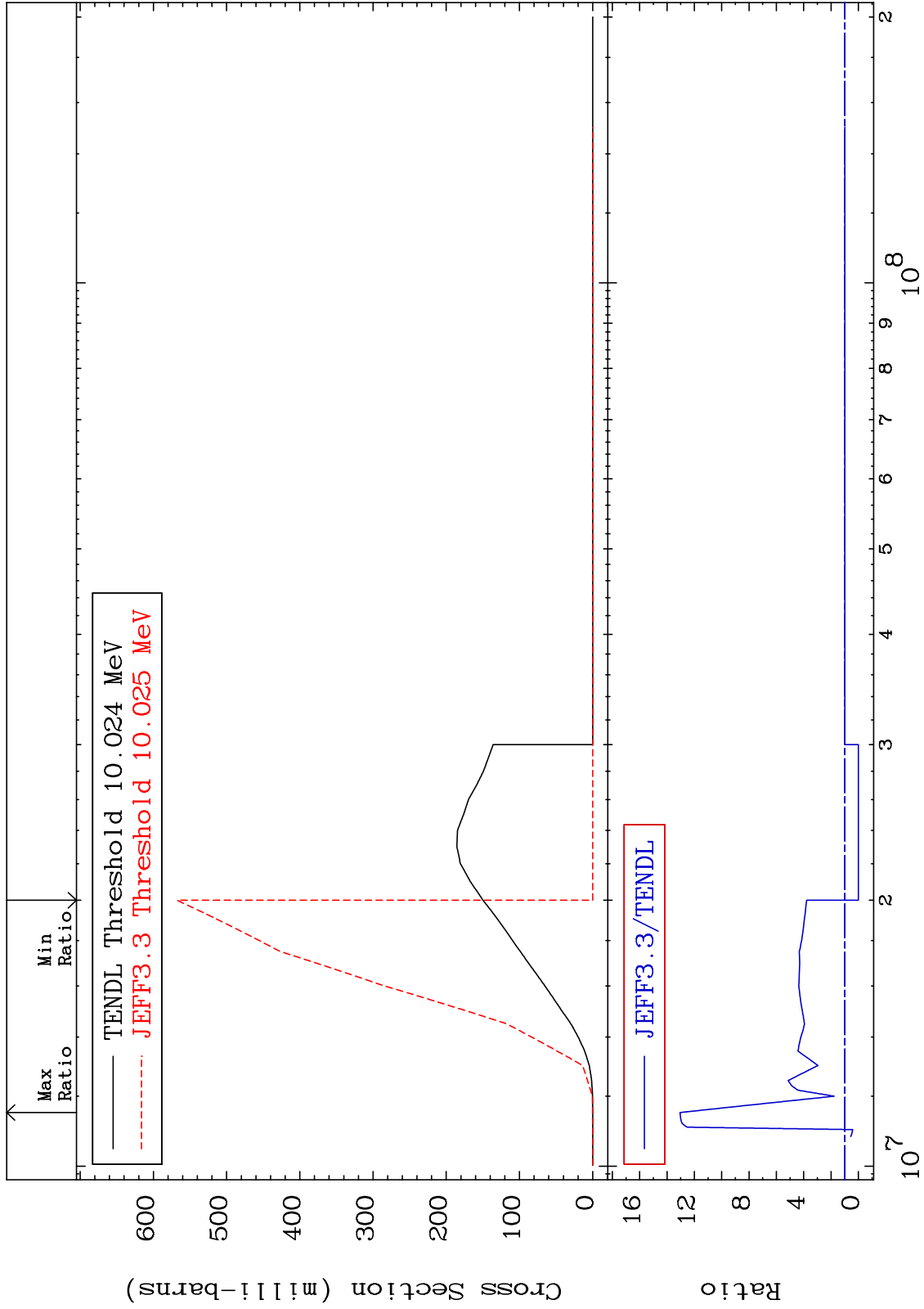
MAT 2834

(n,n') p

28-Ni-61

Cross Section

-100.0 To 1205. %



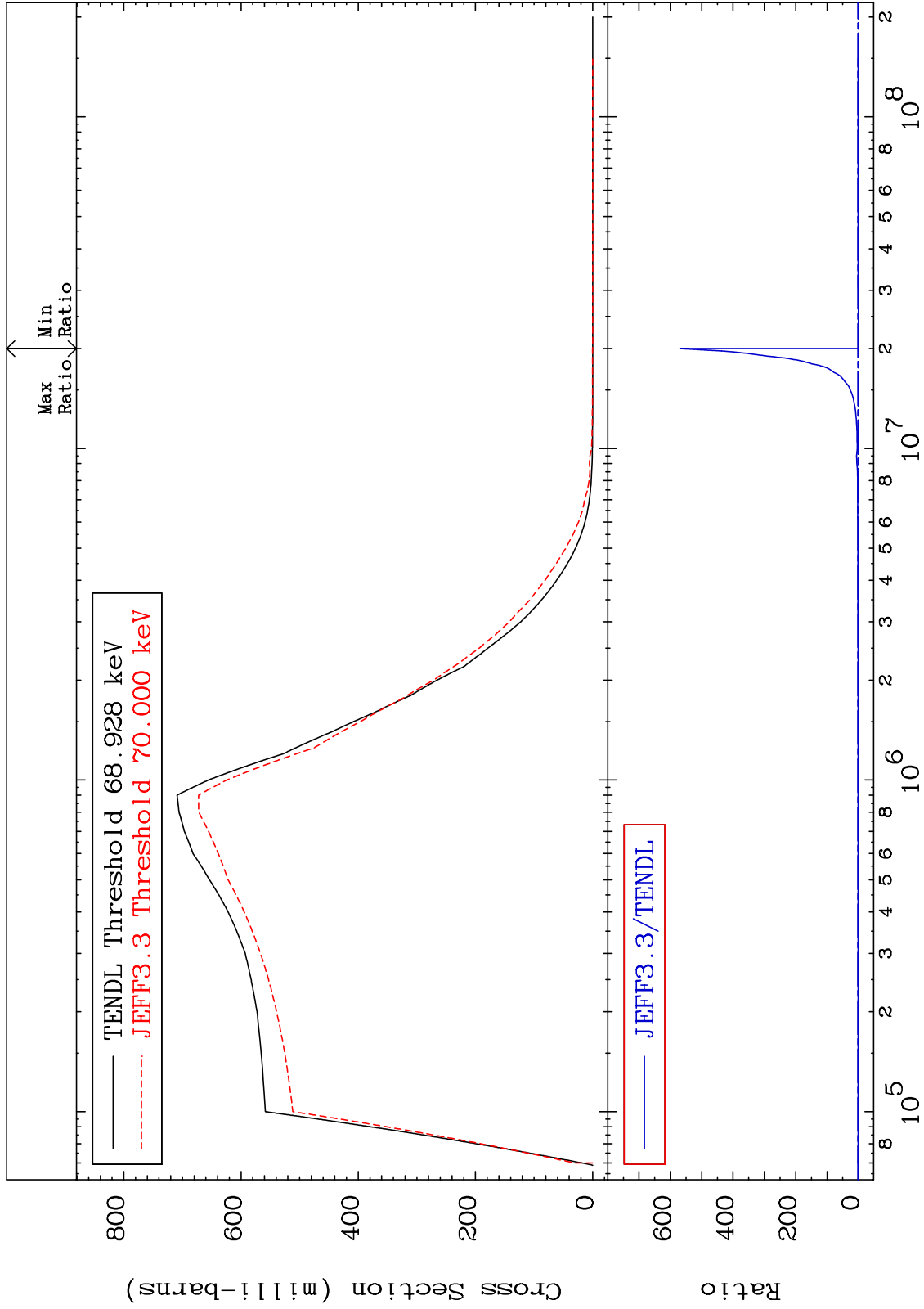
28-Ni-61

28-Ni-61

MAT 2834

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

28-Ni-61
-100.0 To 9999. %



7

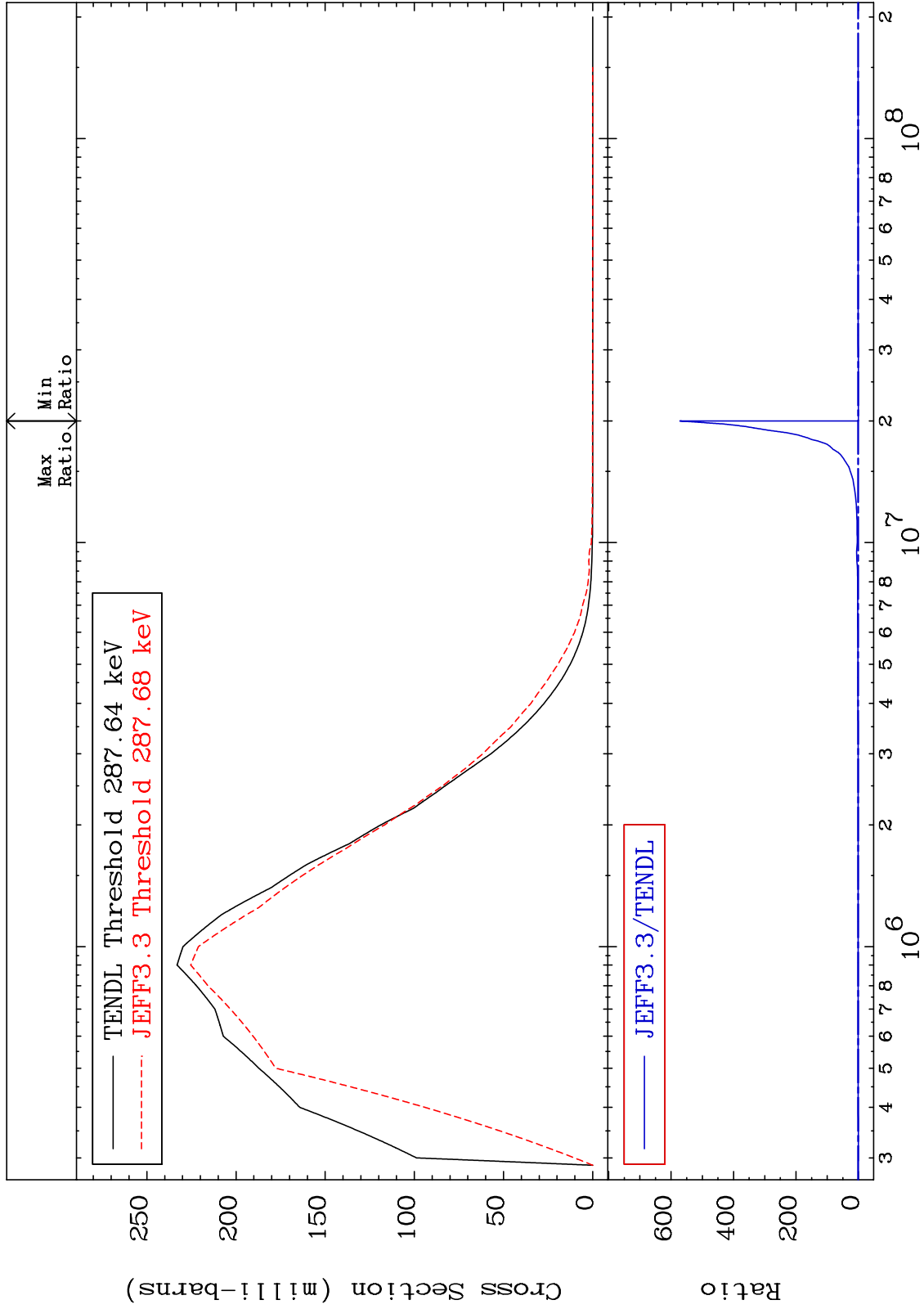
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61
-100.0 To 9999. %



8

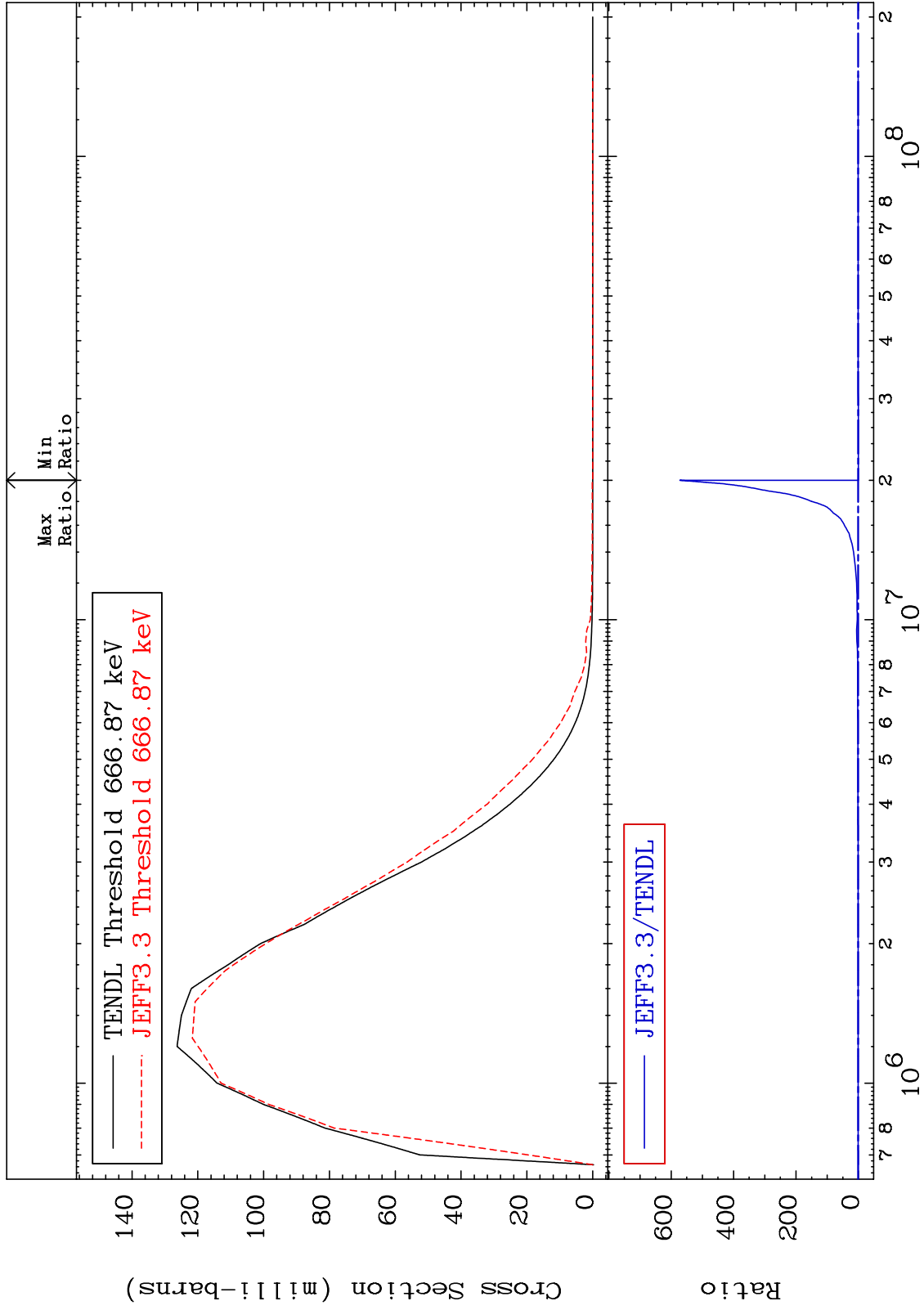
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61
-100.0 To 9999. %



9

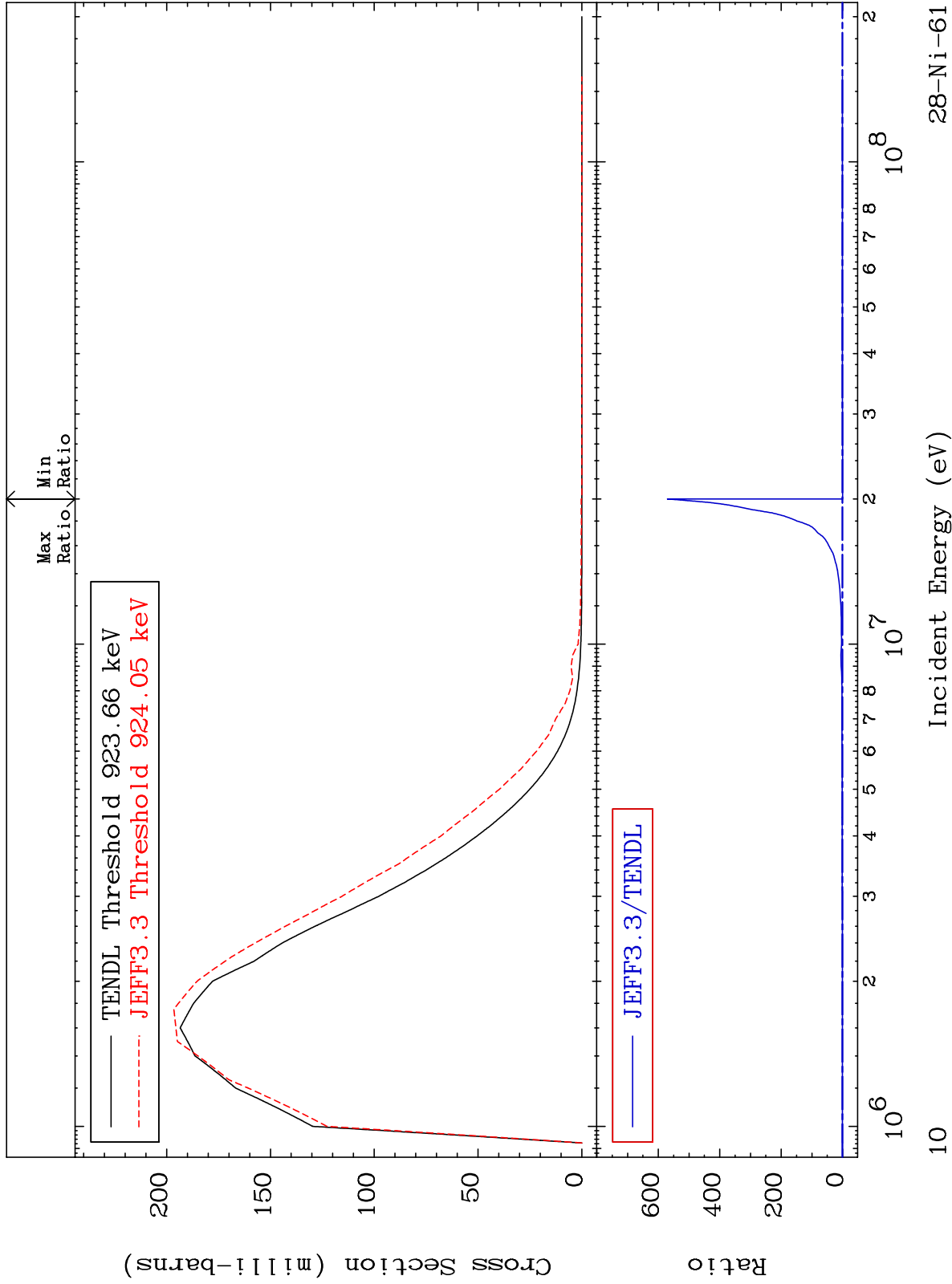
Incident Energy (eV)

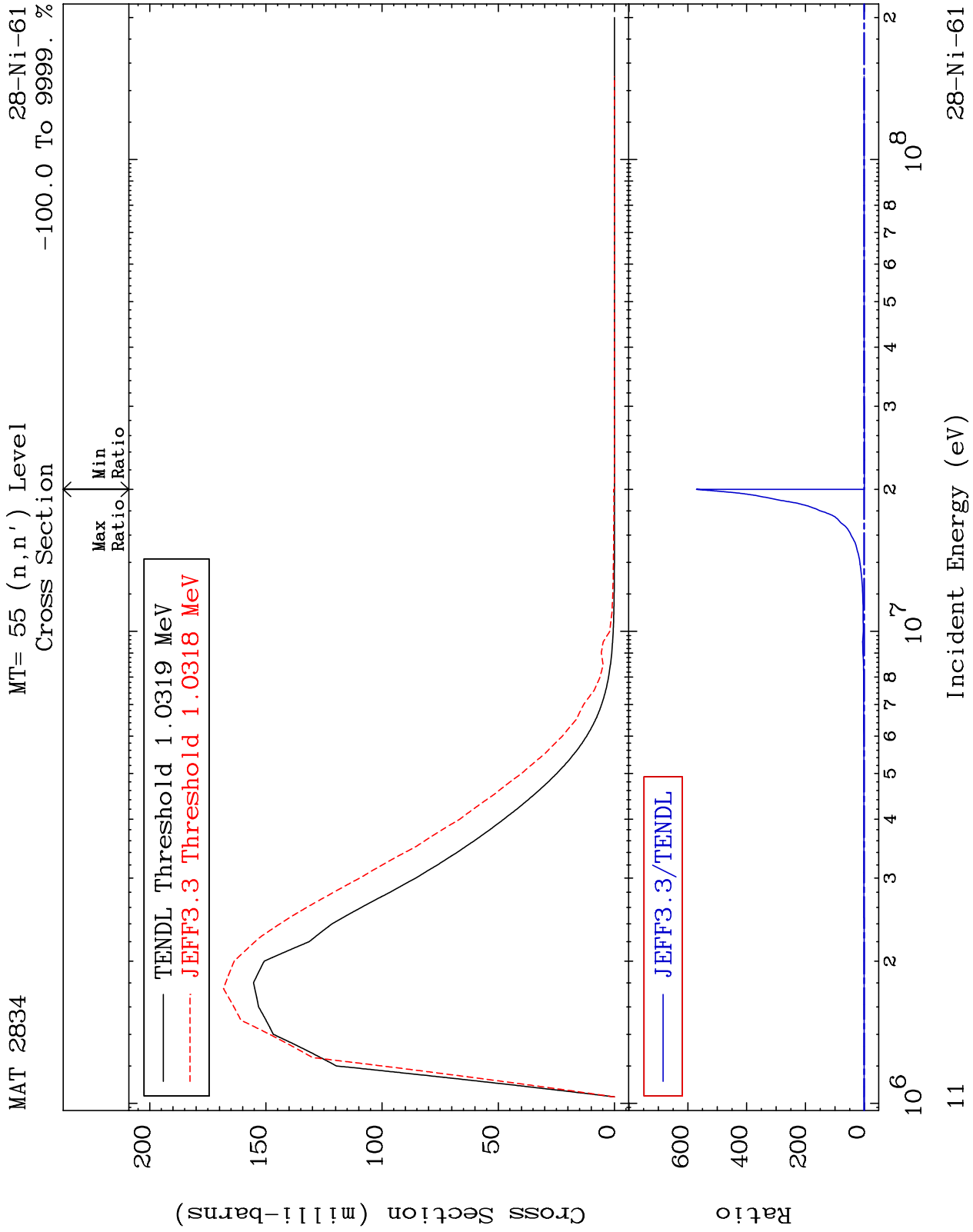
28-Ni-61

MAT 2834

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

28-Ni-61
-100.0 To 9999. %

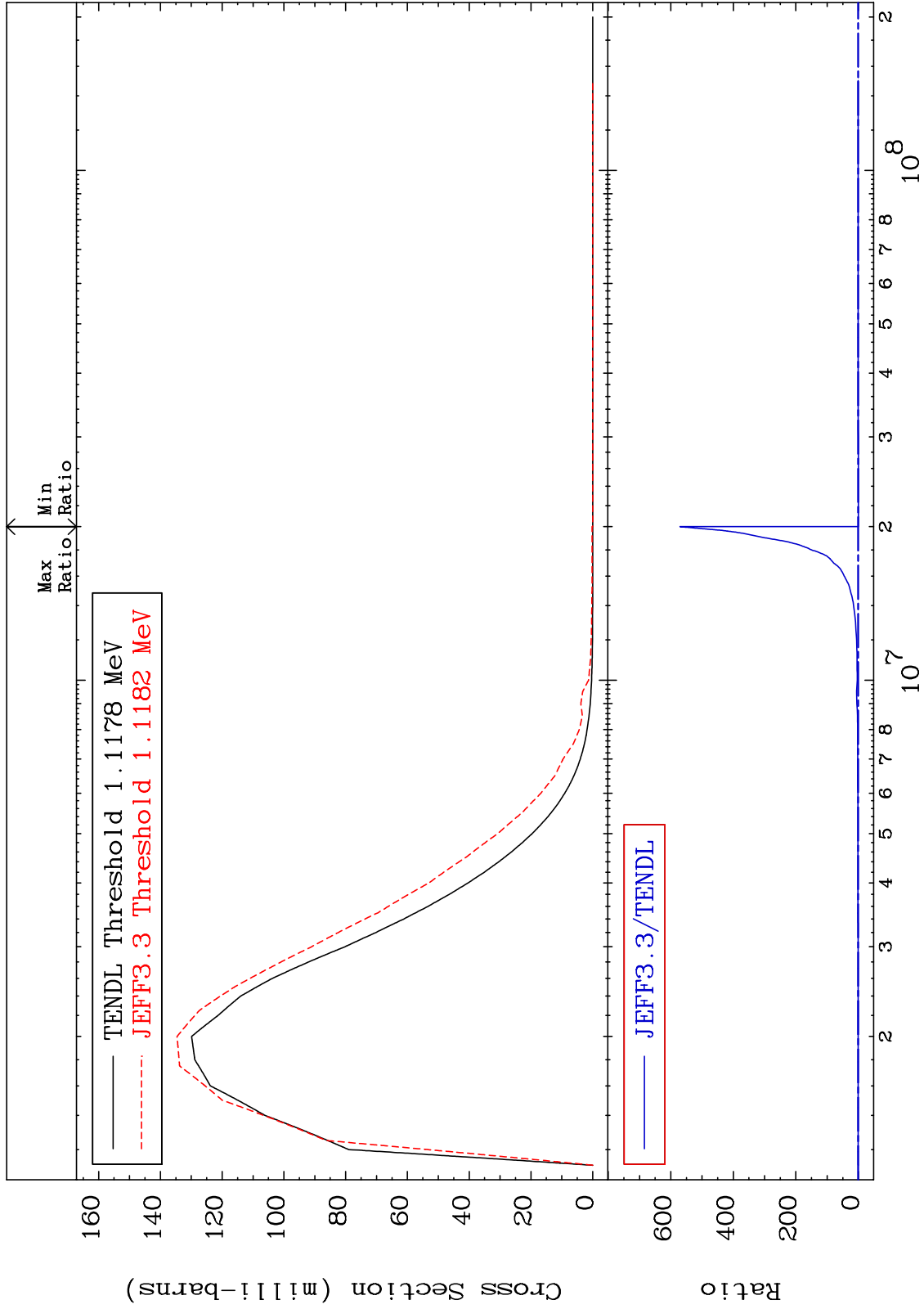




MAT 2834

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

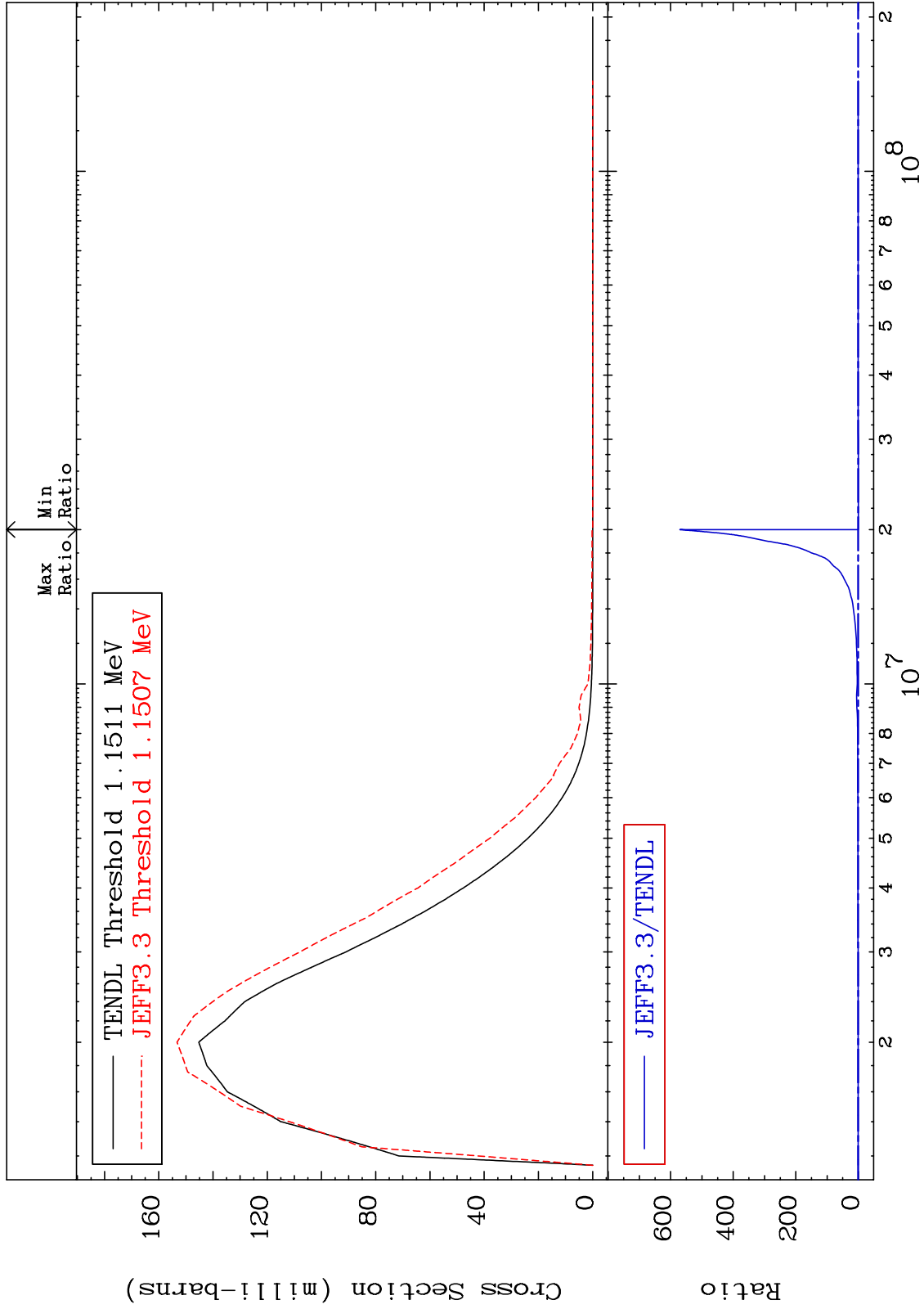
28-Ni-61
-100.0 To 9999. %

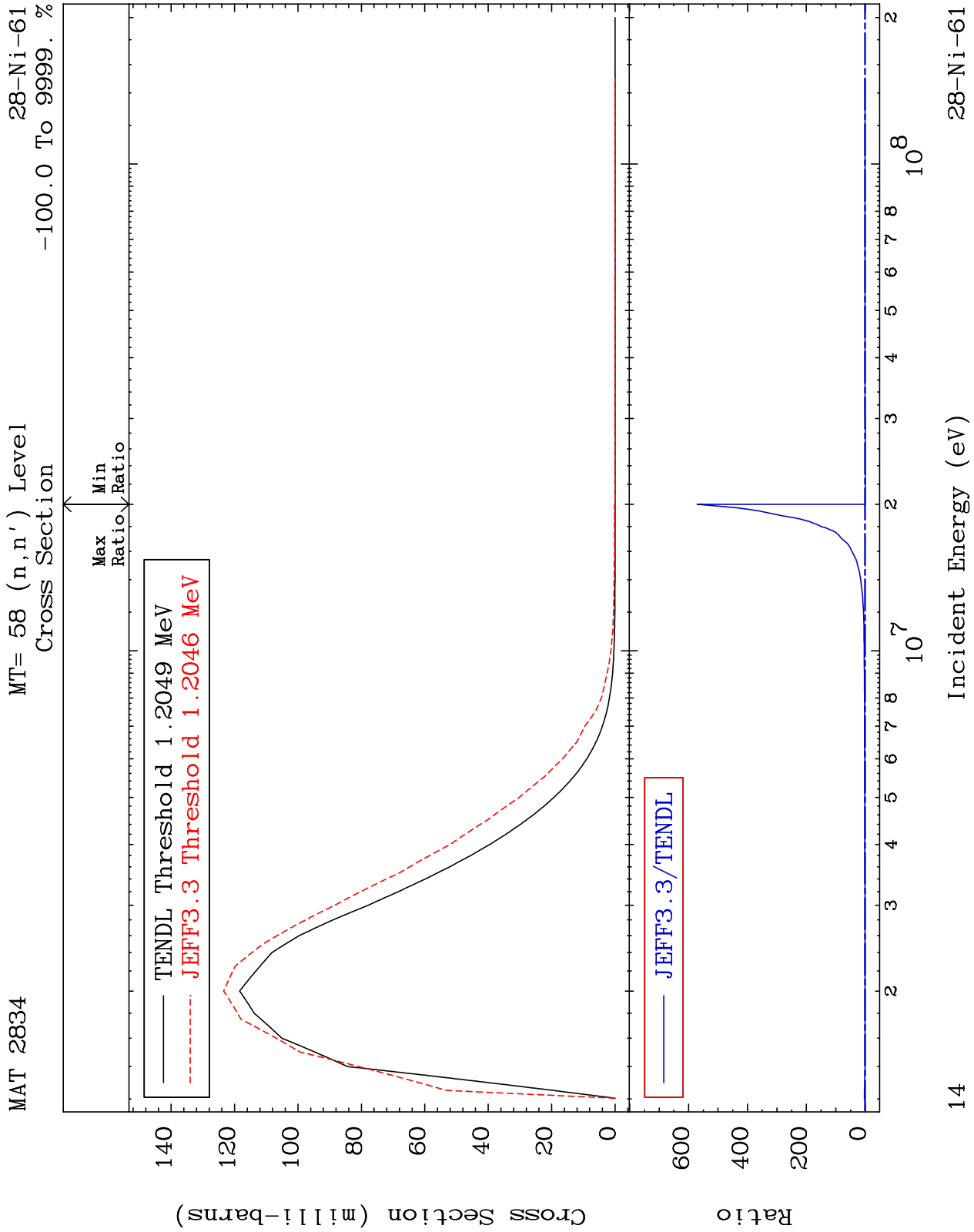


MAT 2834

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

28-Ni-61
-100.0 To 9999. %

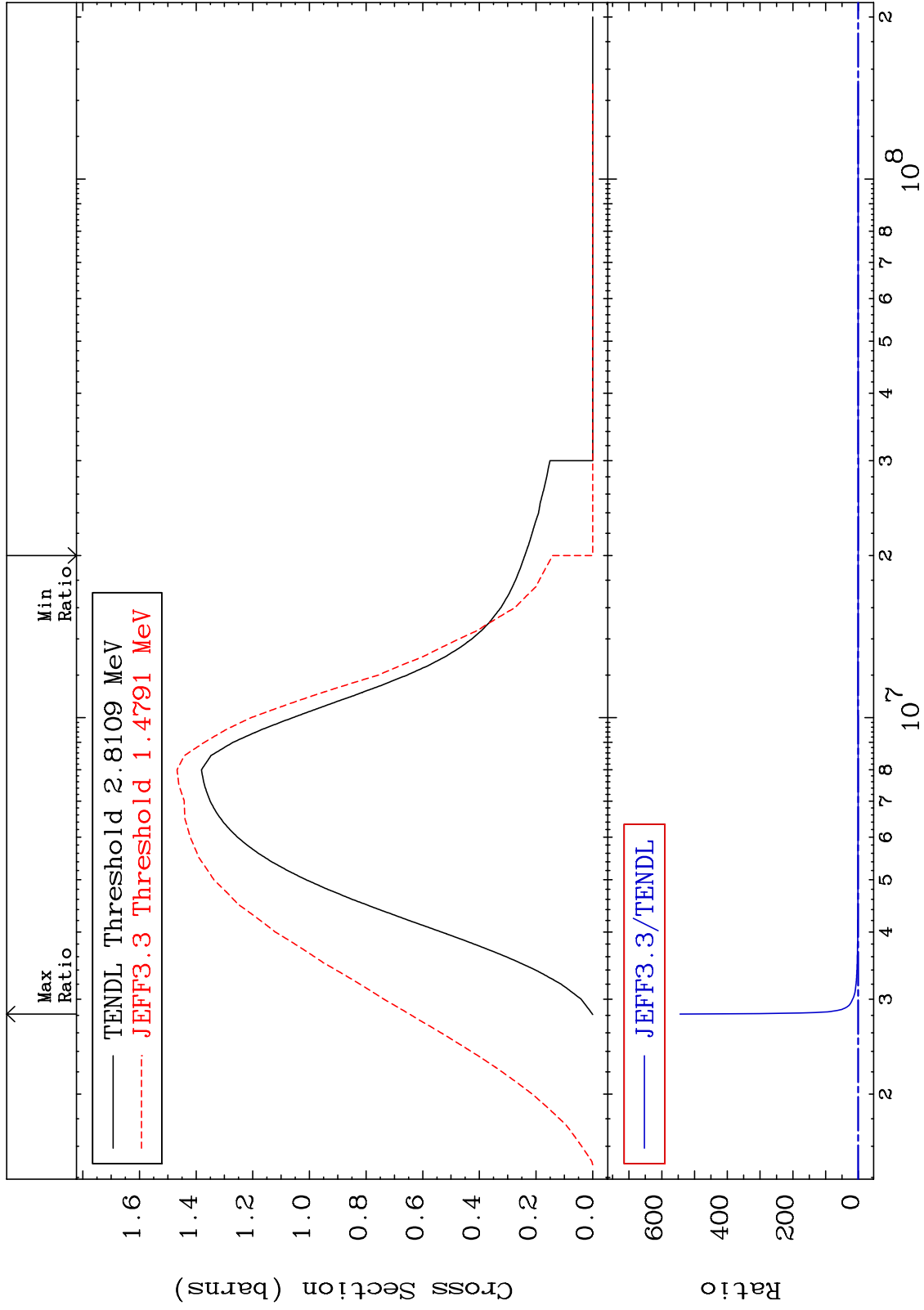




MAT 2834

(n, n') Continuum
Cross Section

28-Ni-61
-100.0 To 9999. %



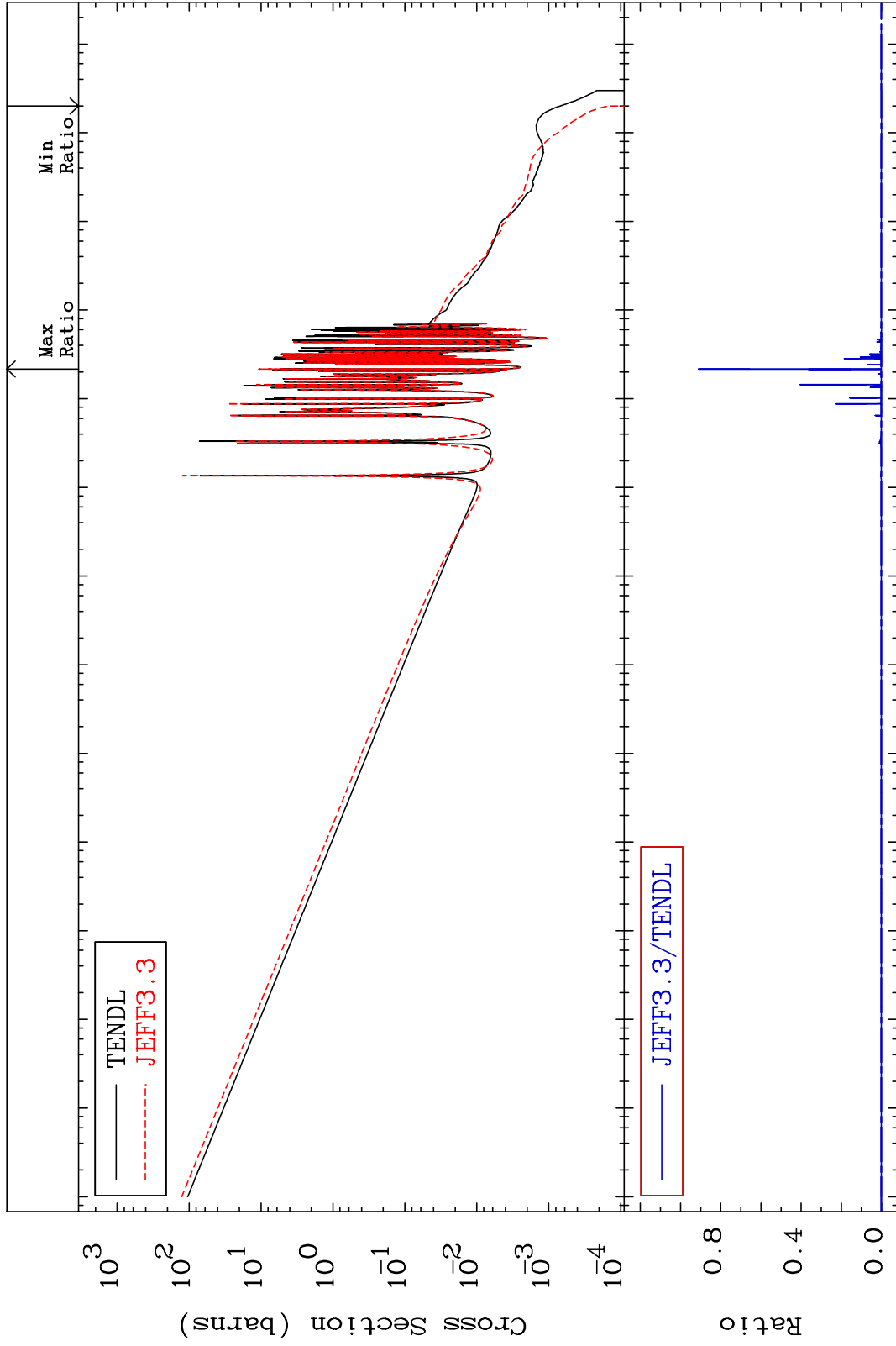
MAT 2834

(n, γ)

28-Ni-61

Cross Section

-100.0 To 9999. %



16

Incident Energy (eV)

28-Ni-61

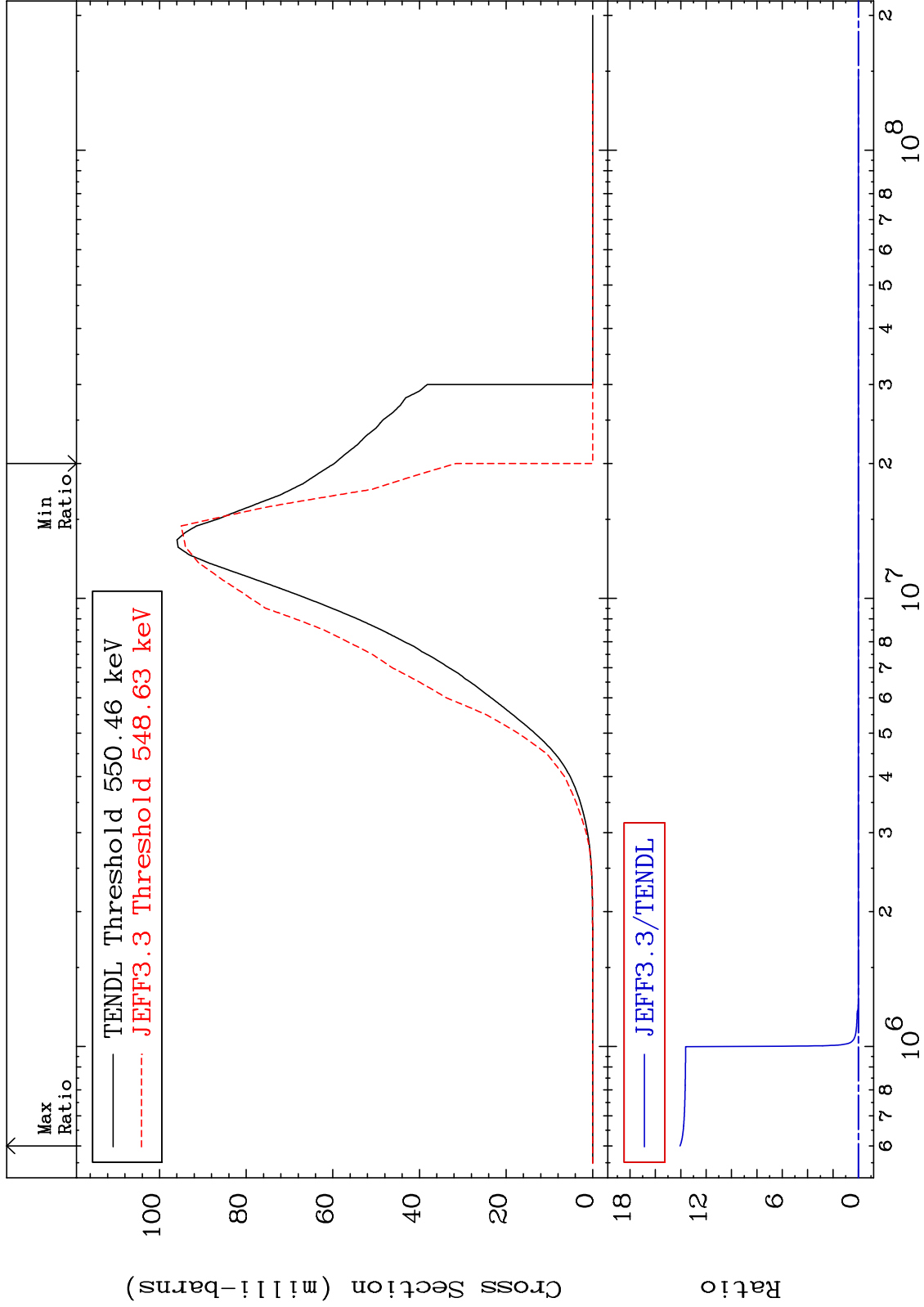
MAT 2834

(n,p)

28-Ni-61

Cross Section

-100.0 To 9999. %



17

Incident Energy (eV)

28-Ni-61

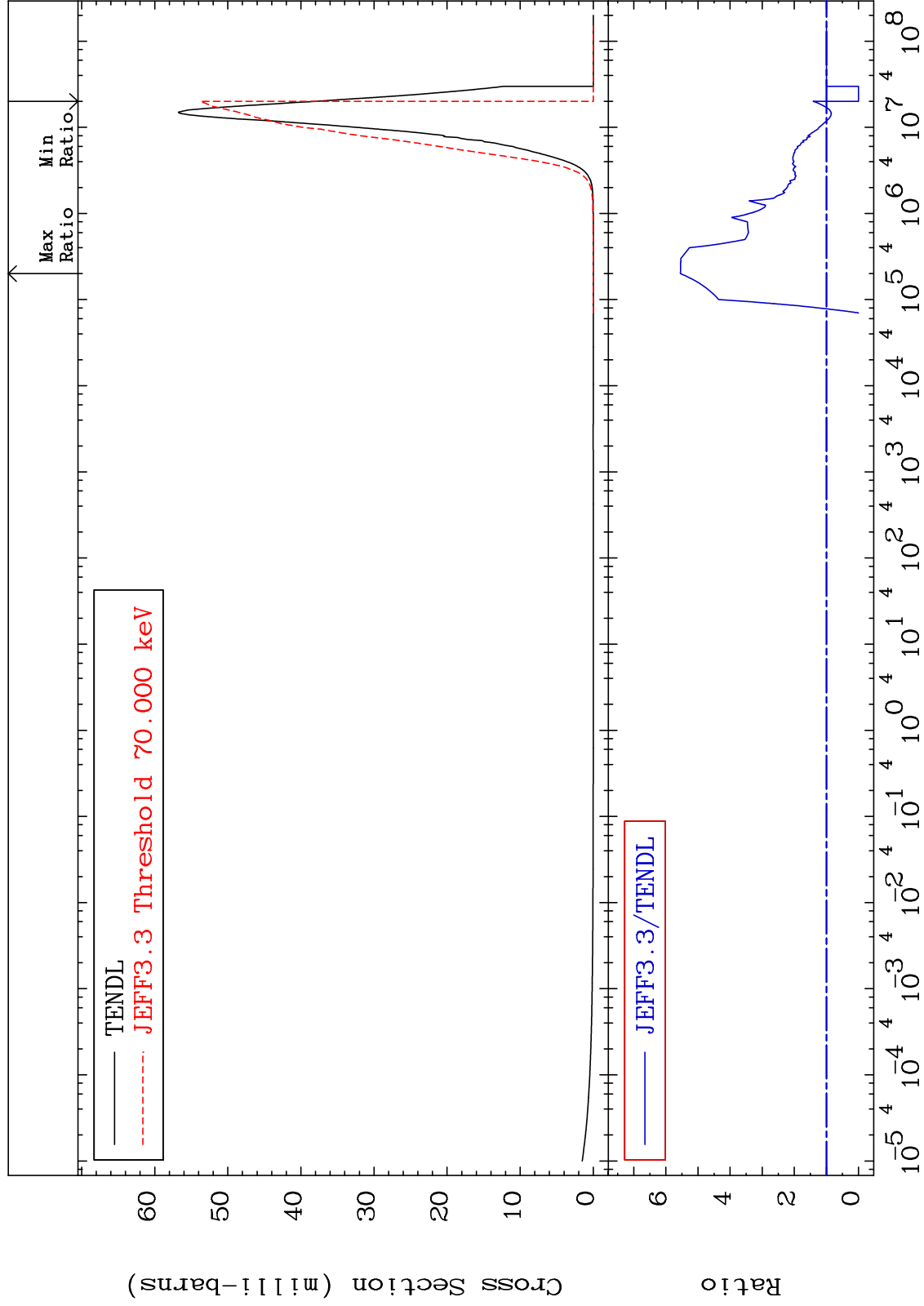
MAT 2834

(n, α)

28-Ni-61

Cross Section

-100.0 To 454.6 %



18

Incident Energy (eV)

28-Ni-61

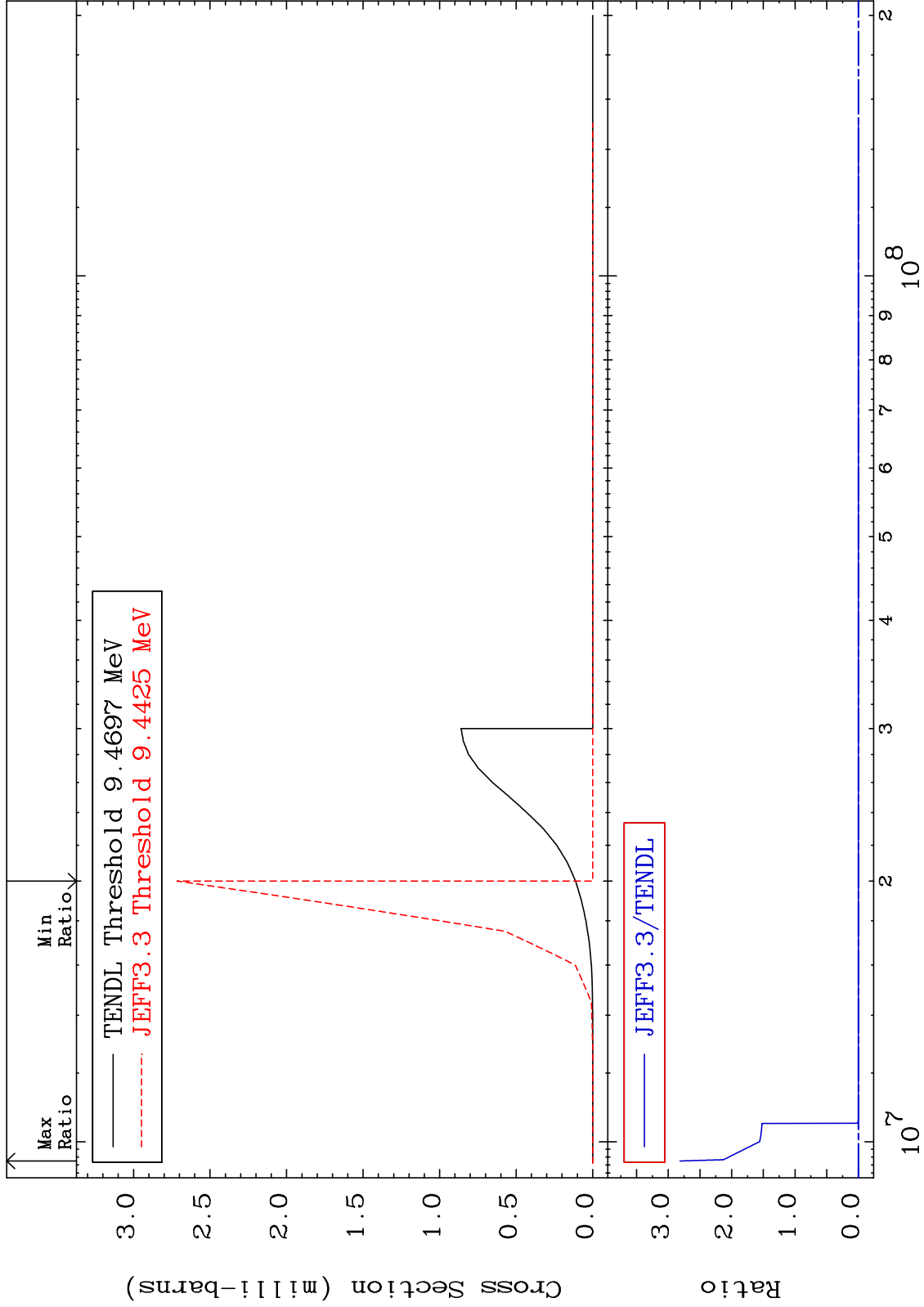
MAT 2834

(n,2p)

²⁸Ni-61

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

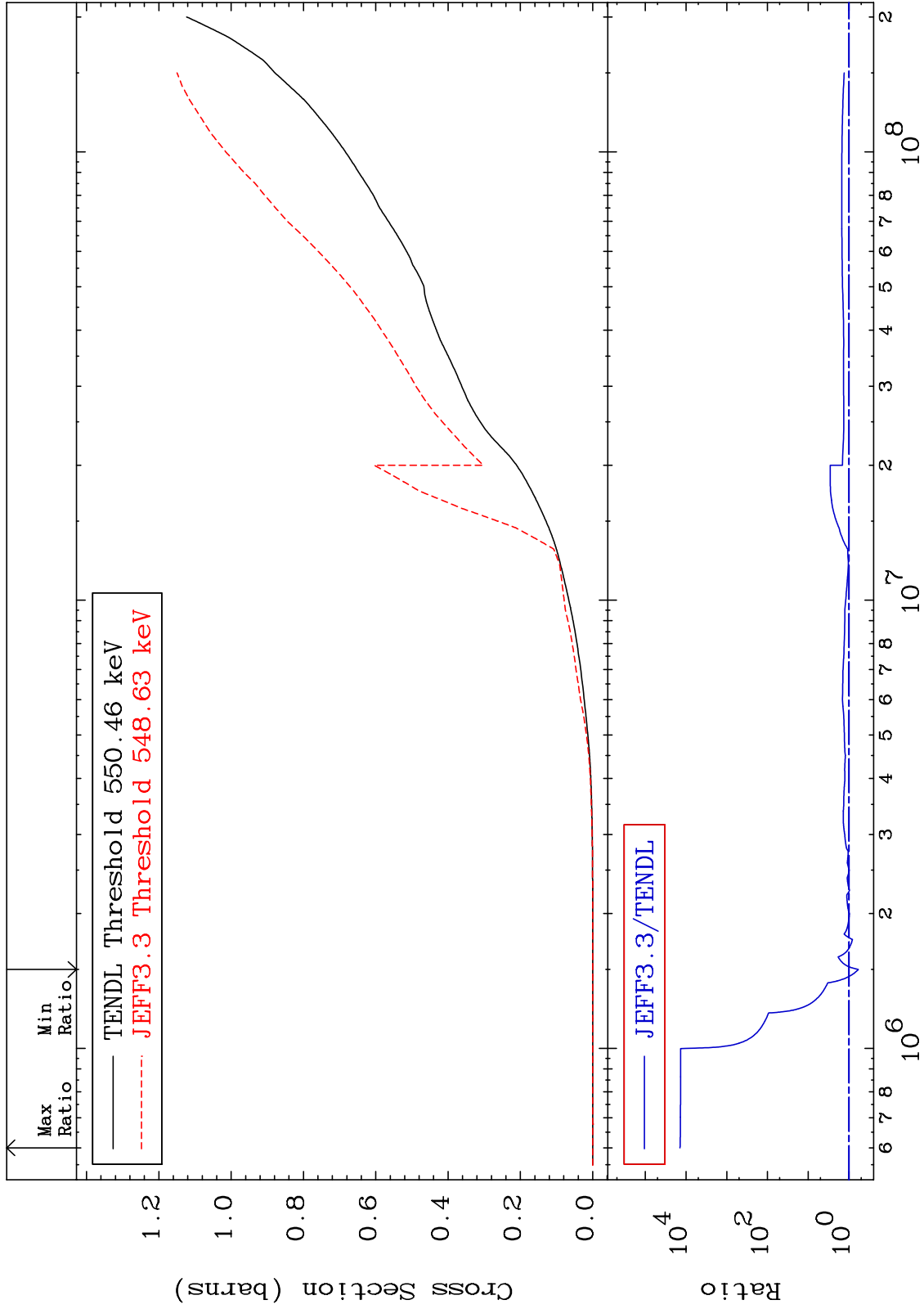
²⁸Ni-61

19

MAT 2834

Hydrogen Production
Cross Section

28-Ni-61
-41.67 To 9999. %



20

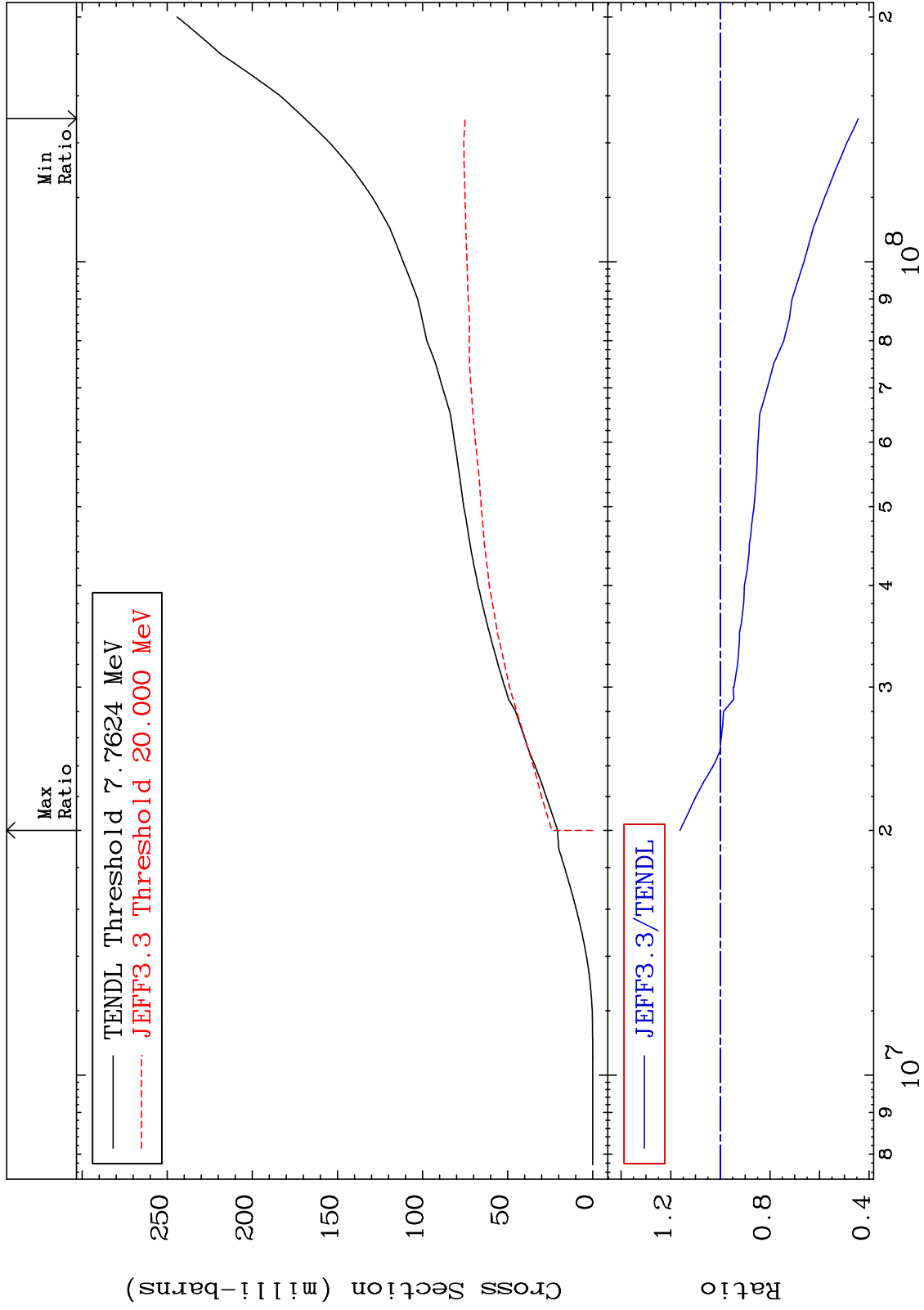
Incident Energy (eV)

28-Ni-61

MAT 2834

Deuterium Production
Cross Section

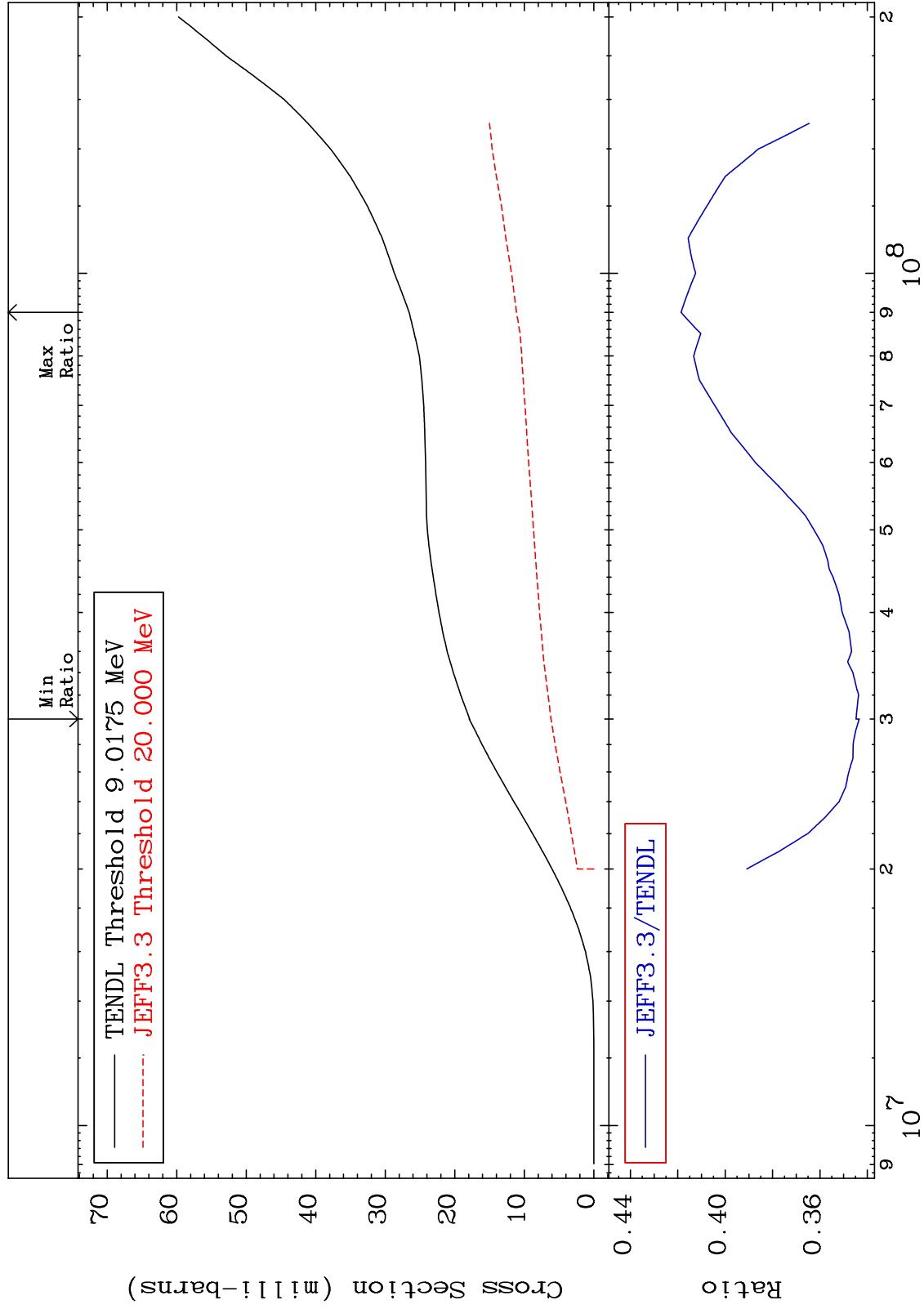
28-Ni-61
-55.68 To 16.25 %



MAT 2834

Tritium Production
Cross Section

28-Ni-61
-65.66 To -58.14%



22

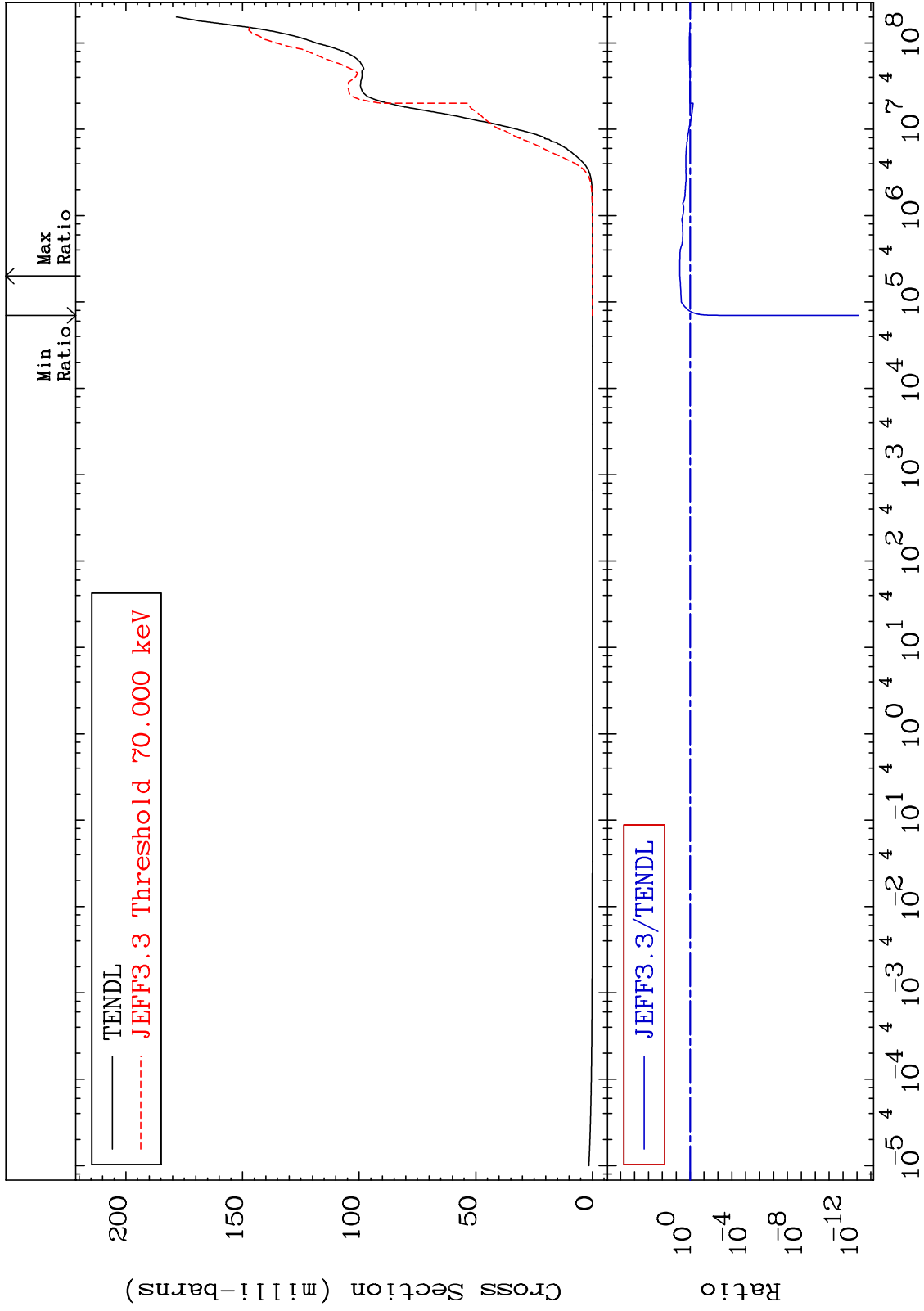
Incident Energy (eV)

28-Ni-61

MAT 2834

He-4 Production
Cross Section

28-Ni-61
-100.0 To 454.6 %



23

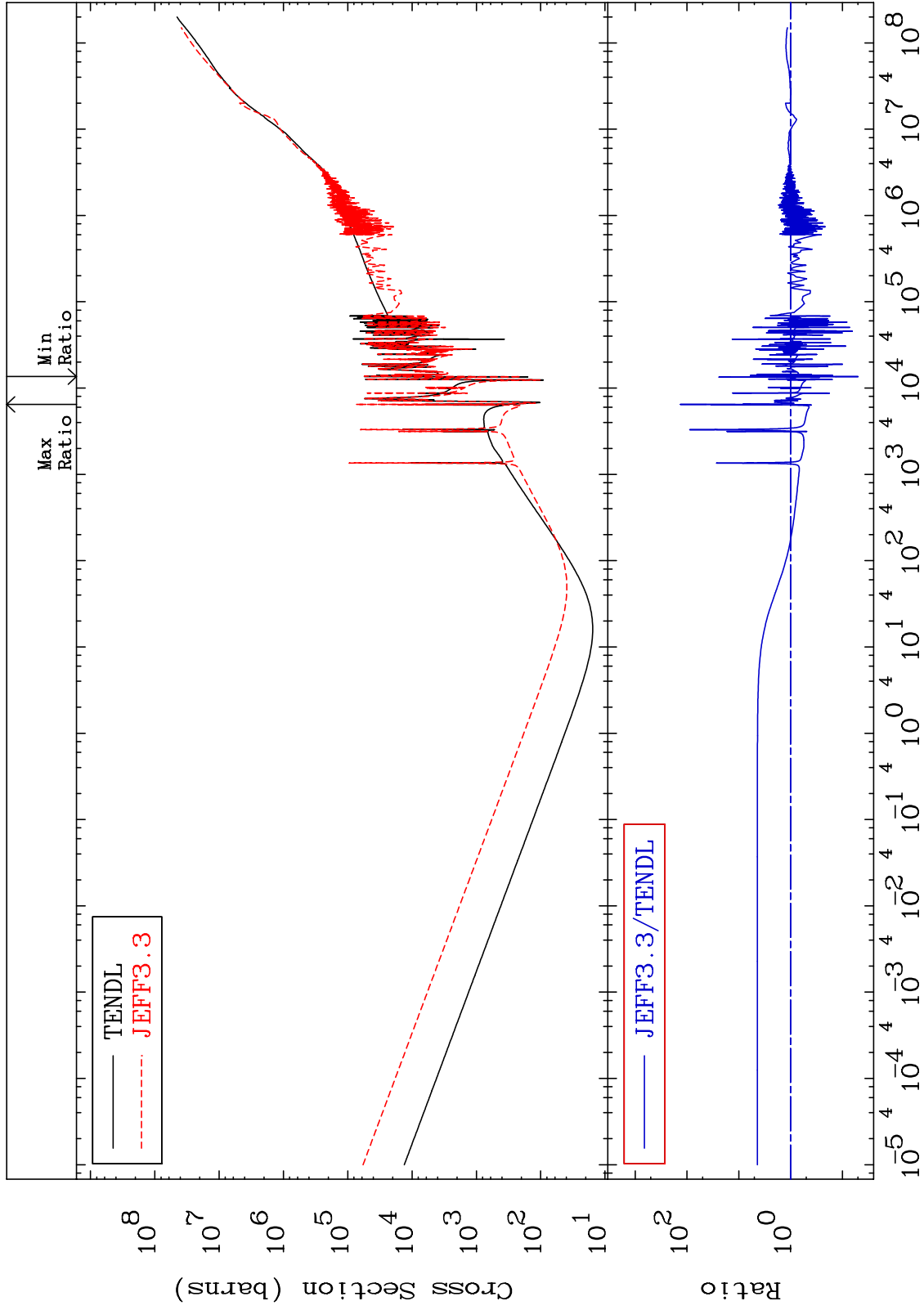
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma total (eV-barns)
Cross Section

28-Ni-61
-95.08 To 9999. %



24

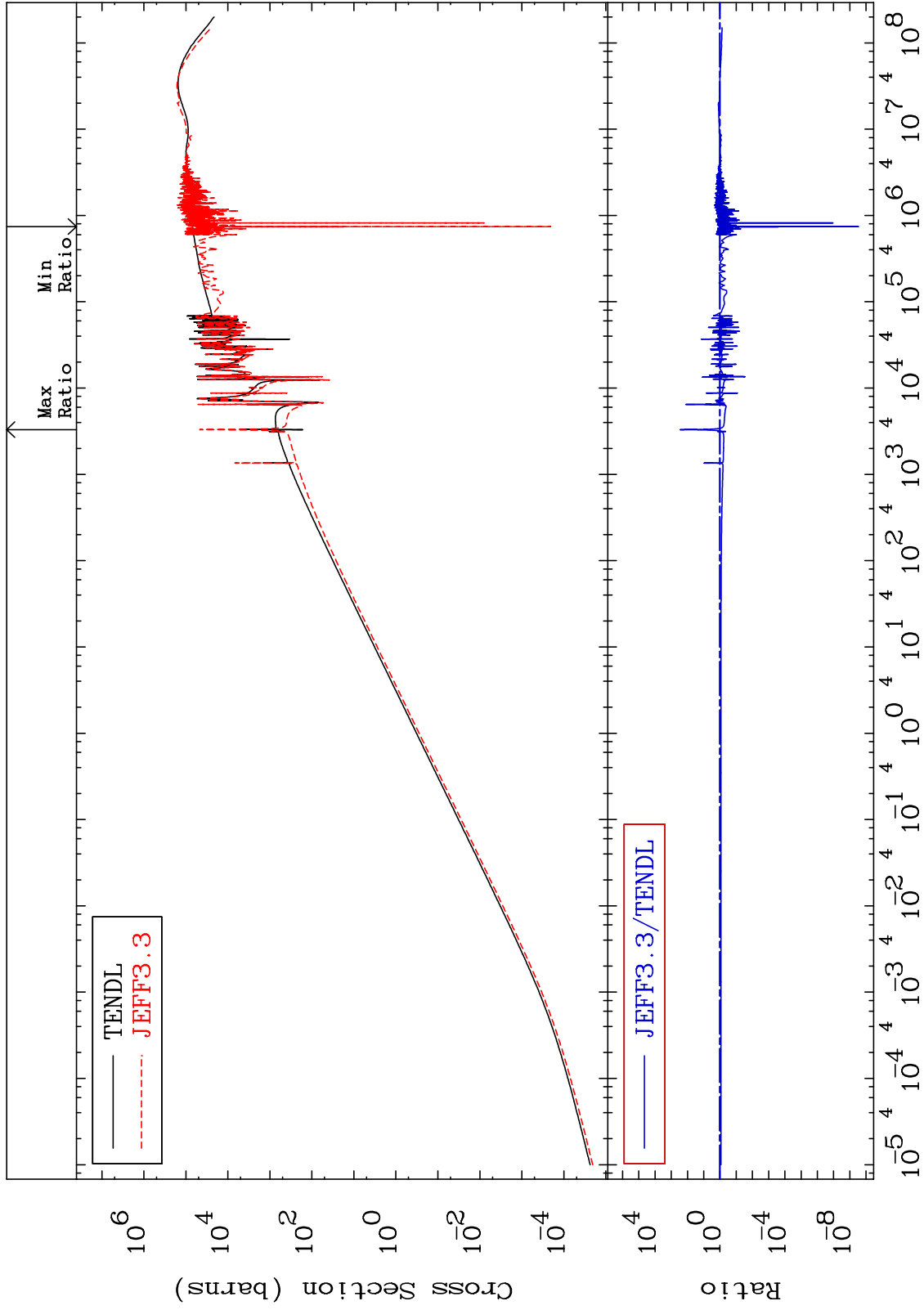
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma elastic
Cross Section

28-Ni-61
-100.0 To 9999. %



25

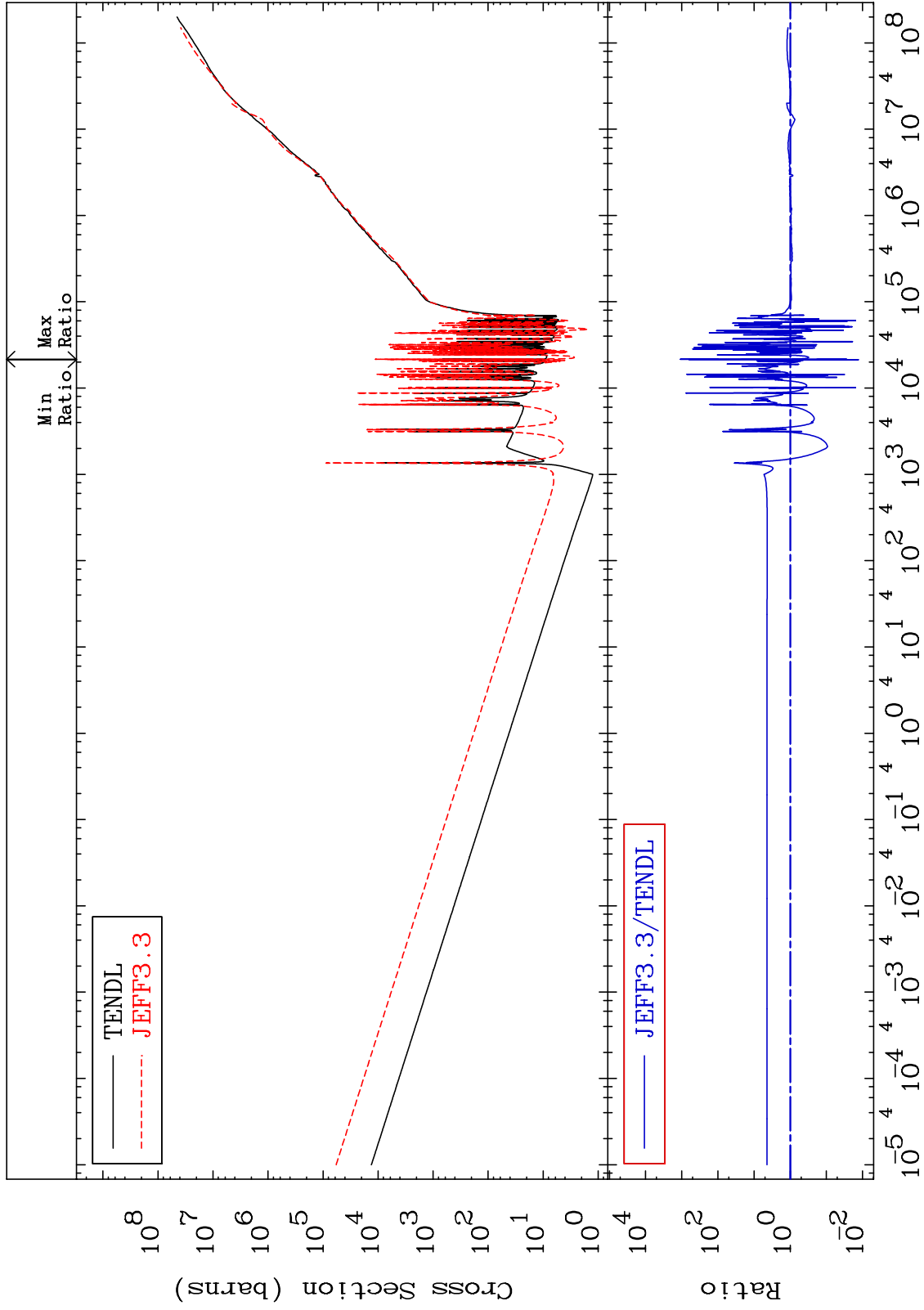
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-61
-98.70 To 9999. %



26

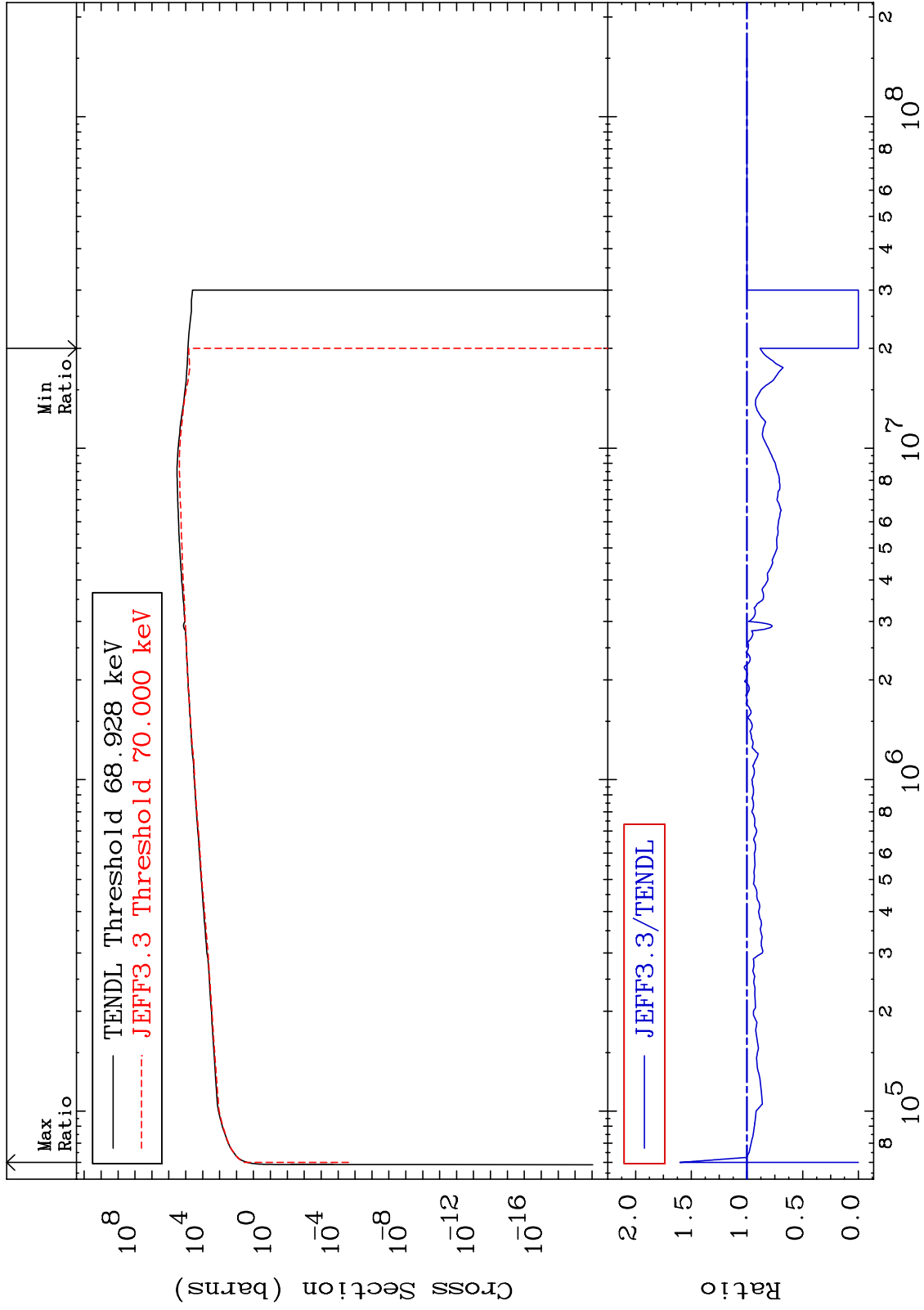
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma inelastic (mt51-91)
Cross Section

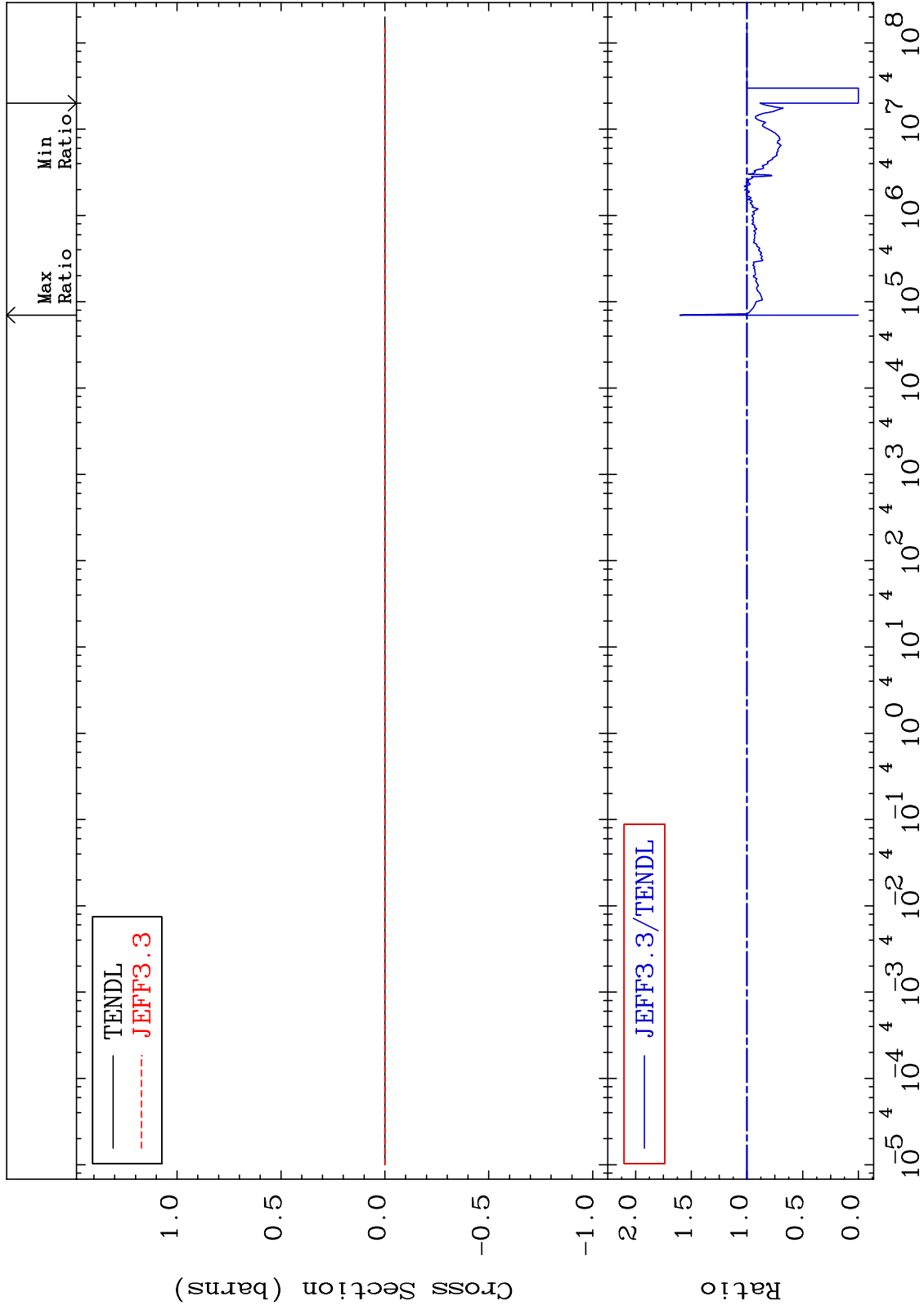
28-Ni-61
-100.0 To 60.12 %



MAT 2834

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

28-Ni-61
-100.0 To 60.12 %



28

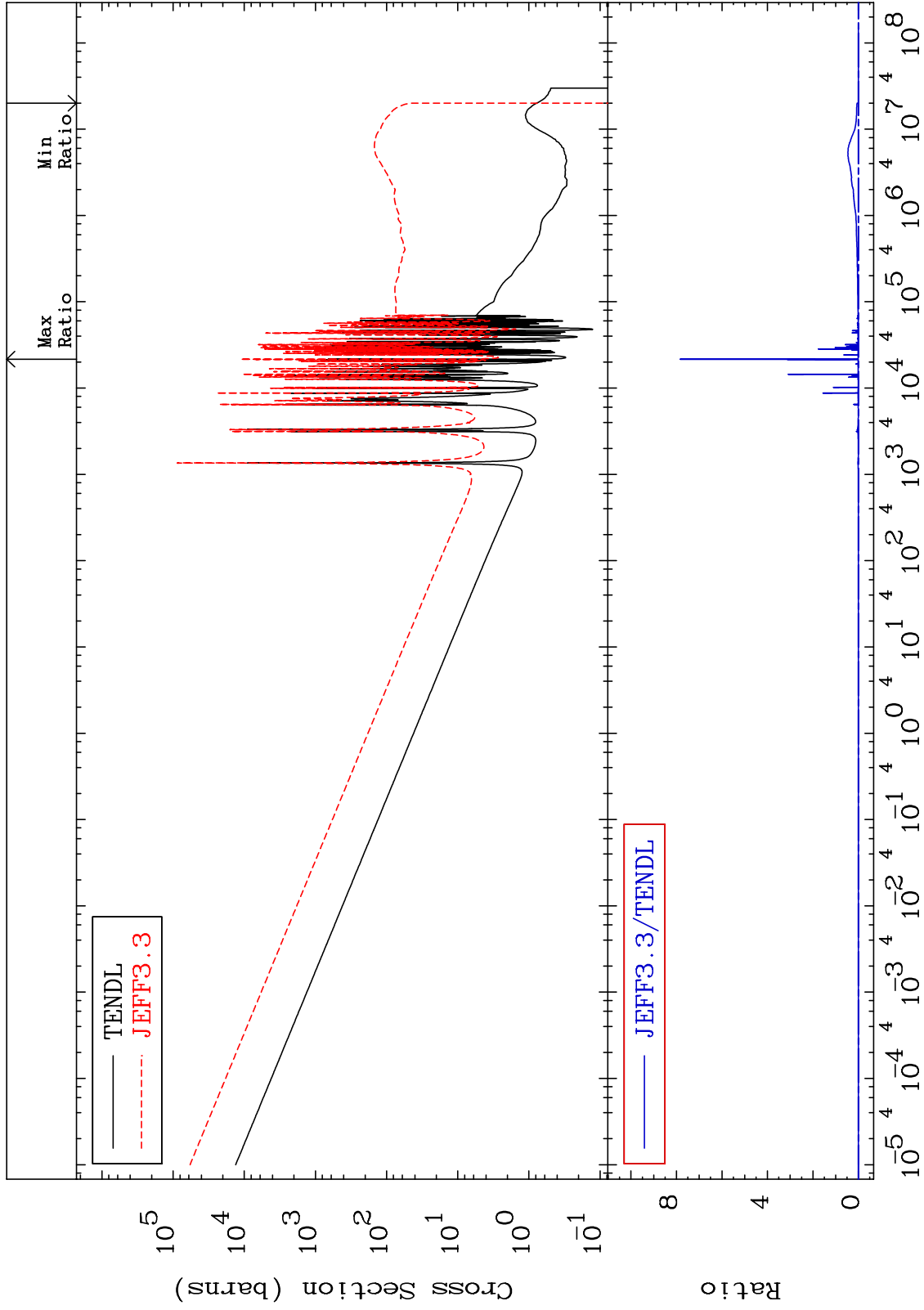
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma capture (mt102)
Cross Section

28-Ni-61
-100.0 To 9999. %



29

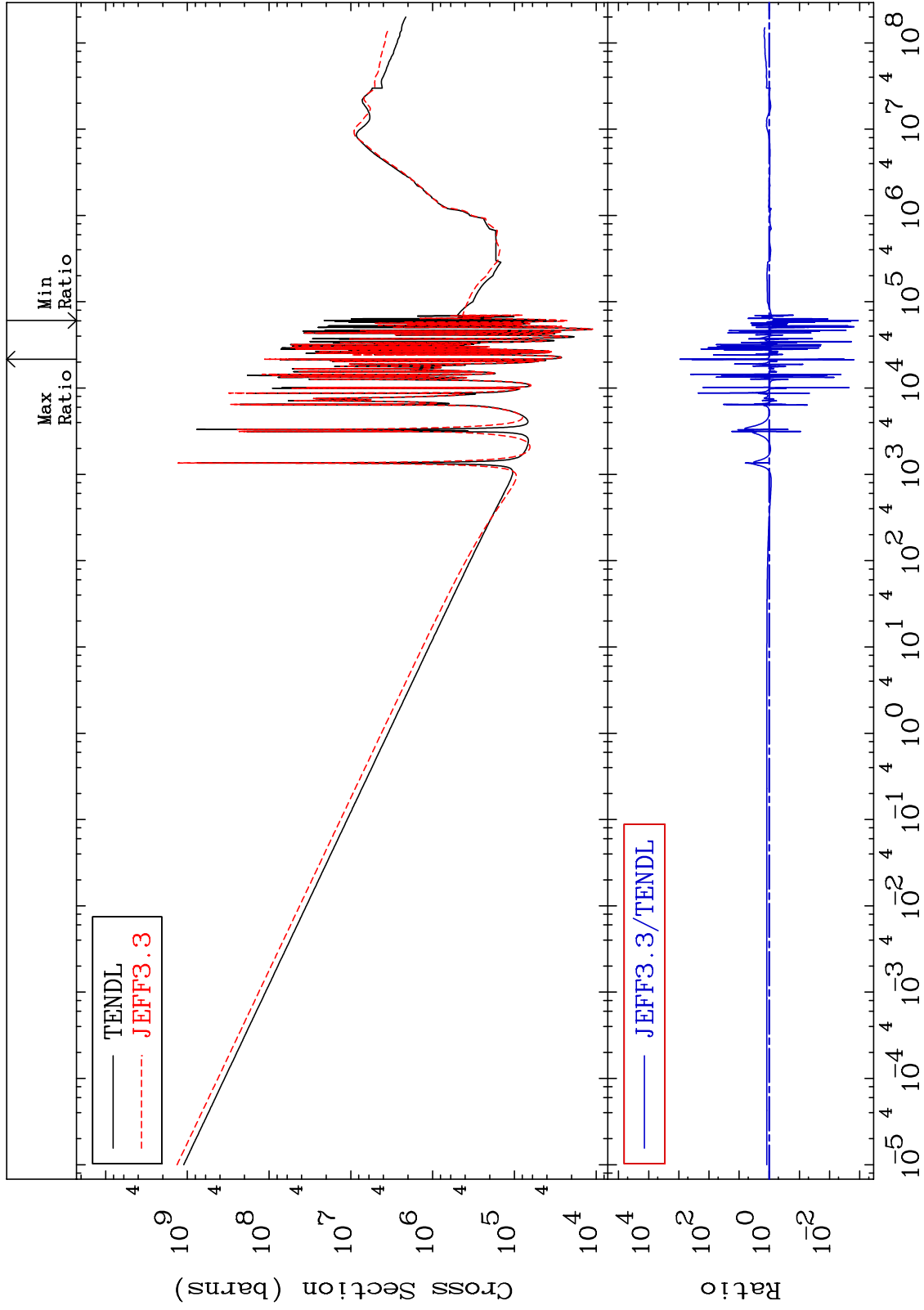
Incident Energy (eV)

28-Ni-61

MAT 2834

Total photon (eV-barns)
Cross Section

28-Ni-61
-99.89 To 9999. %



30

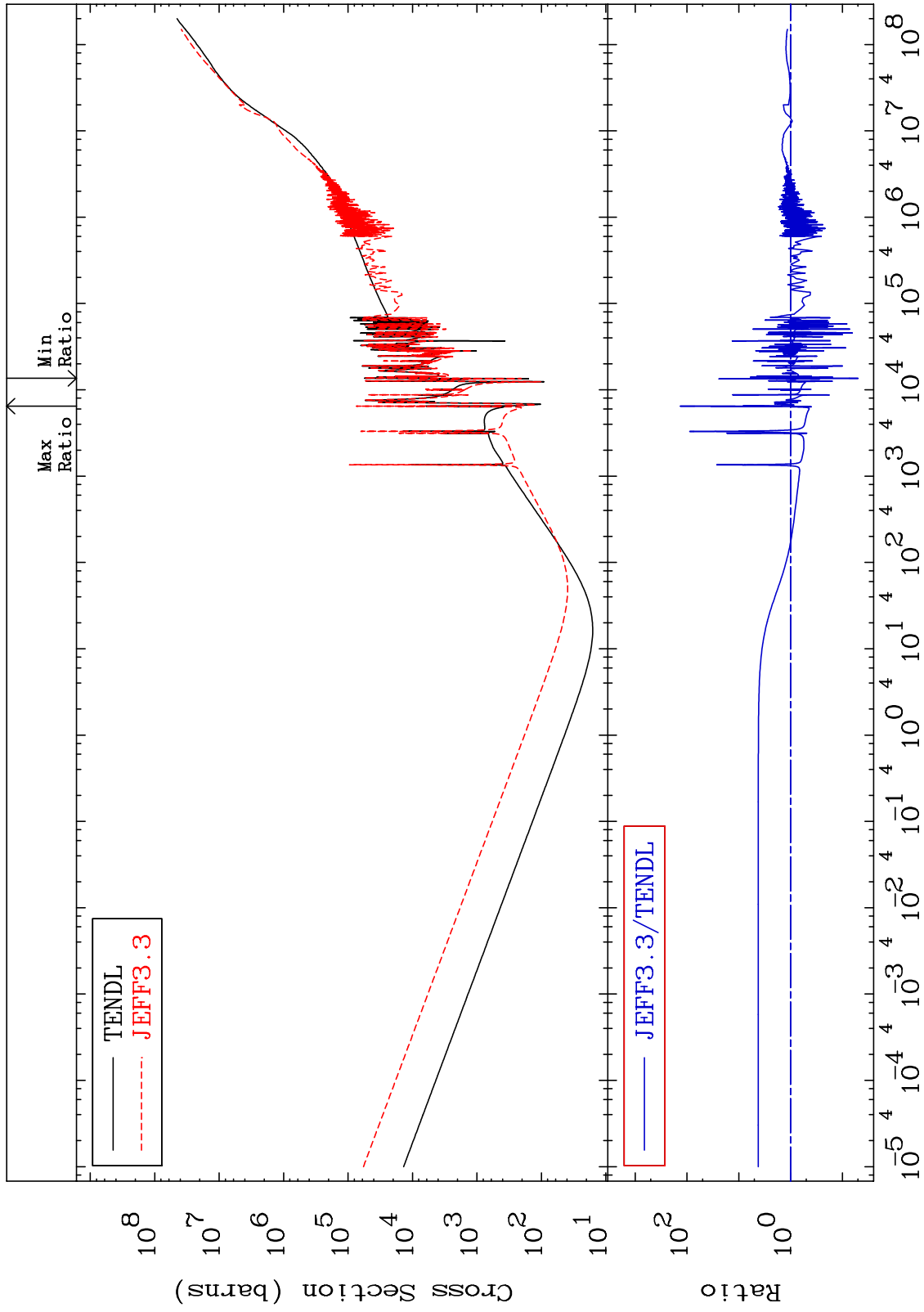
Incident Energy (eV)

28-Ni-61

MAT 2834

Total kinematic kerma (high limit)
Cross Section

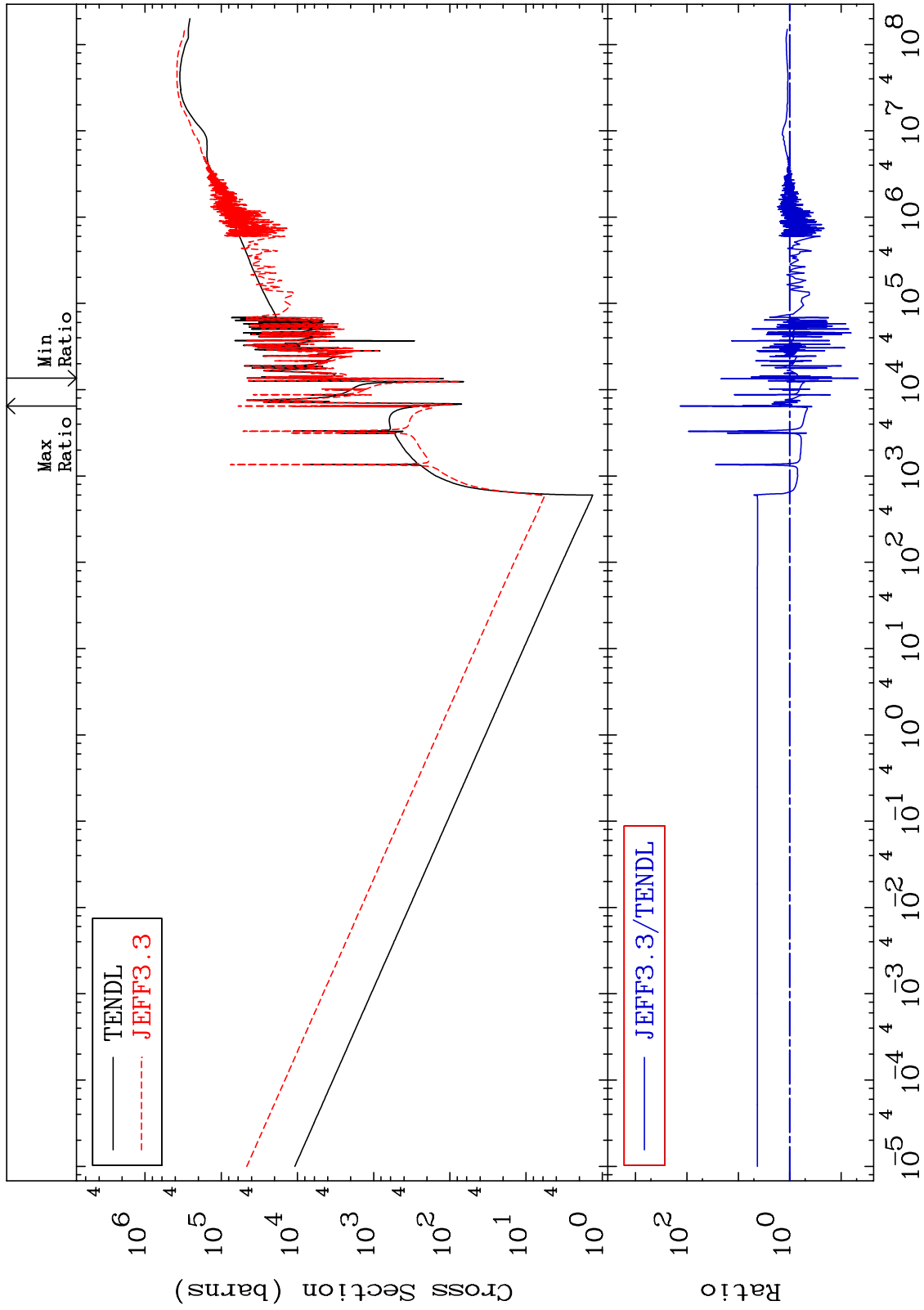
28-Ni-61
-95.08 To 9999. %



MAT 2834

Dpa total (eV-barns)
Cross Section

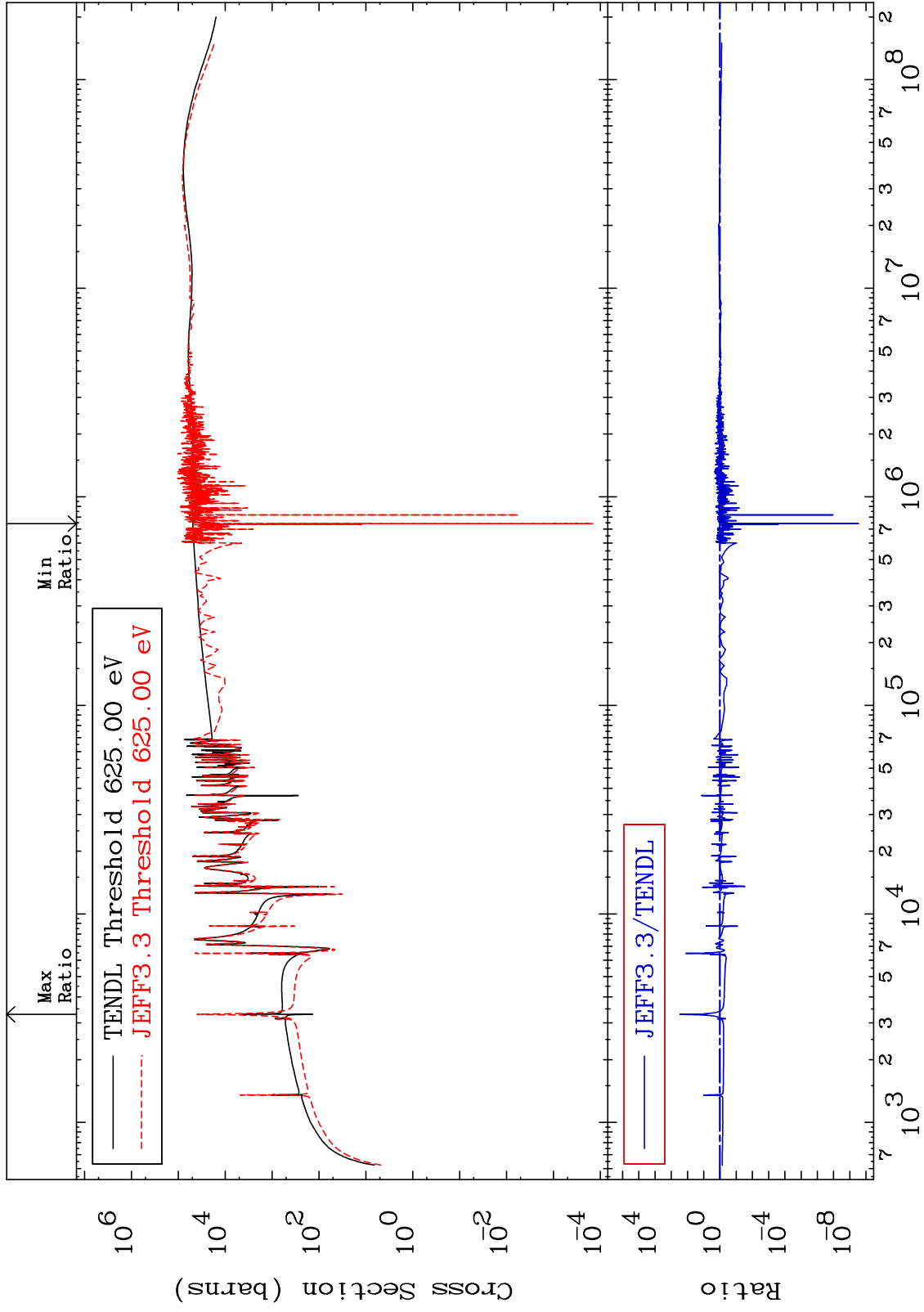
28-Ni-61
-95.39 To 9999. %



MAT 2834

Dpa elastic (mt2)
Cross Section

28-Ni-61
-100.0 To 9999. %



33

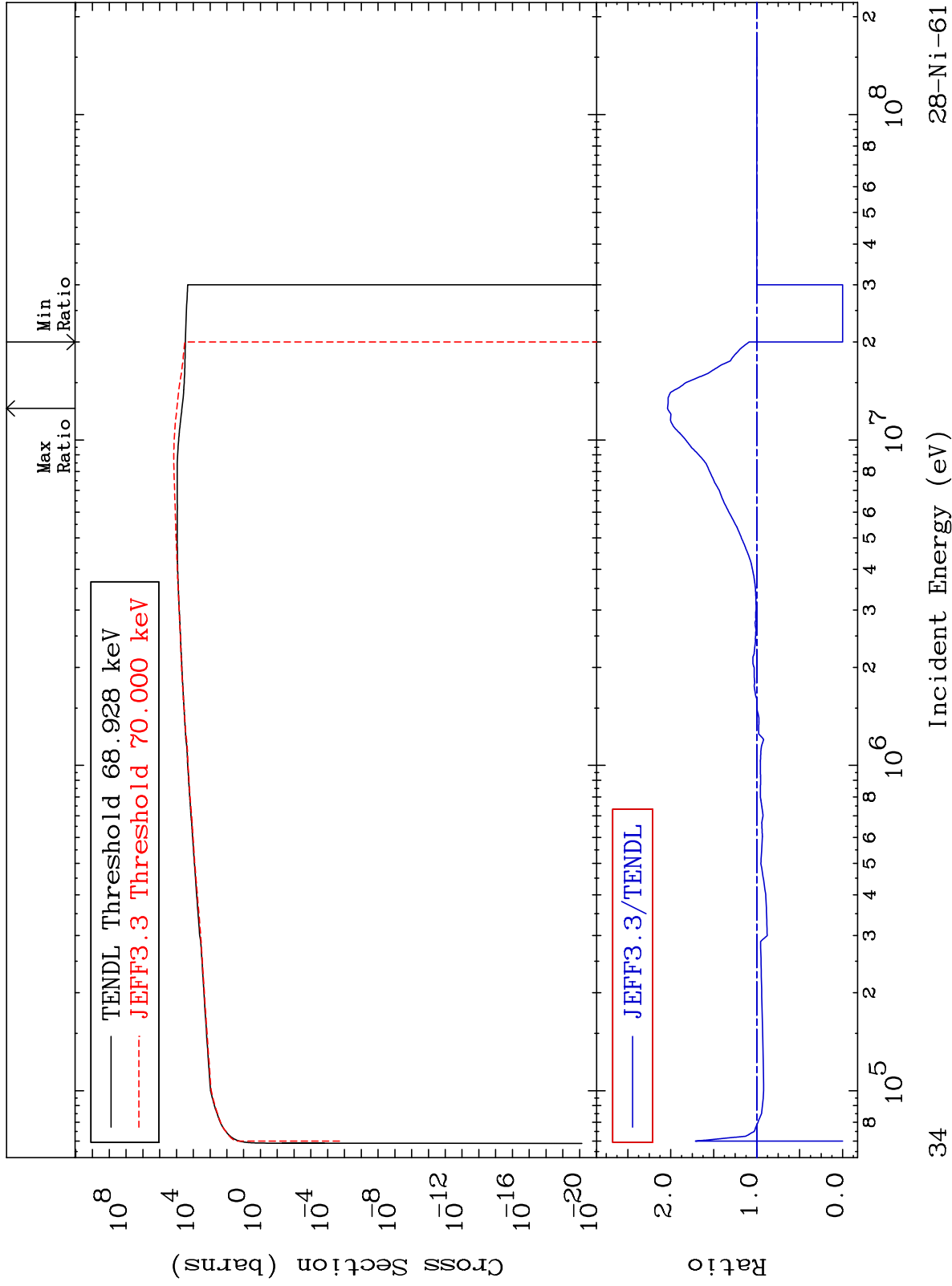
28-Ni-61

28-Ni-61

MAT 2834

Dpa inelastic (mt51-91)
Cross Section

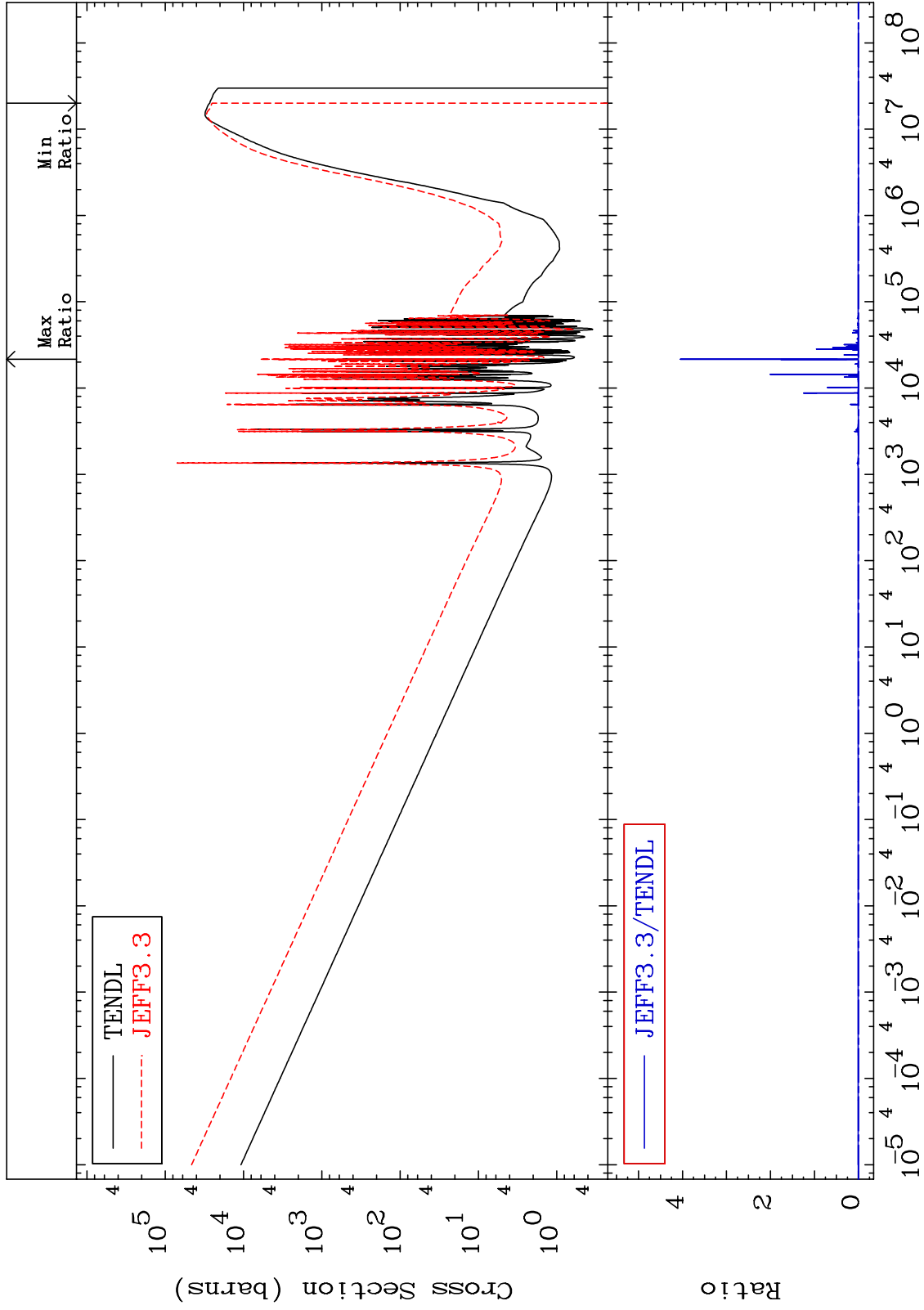
28-Ni-61
-100.0 To 103.7 %



MAT 2834

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-61
-100.0 To 9999. %

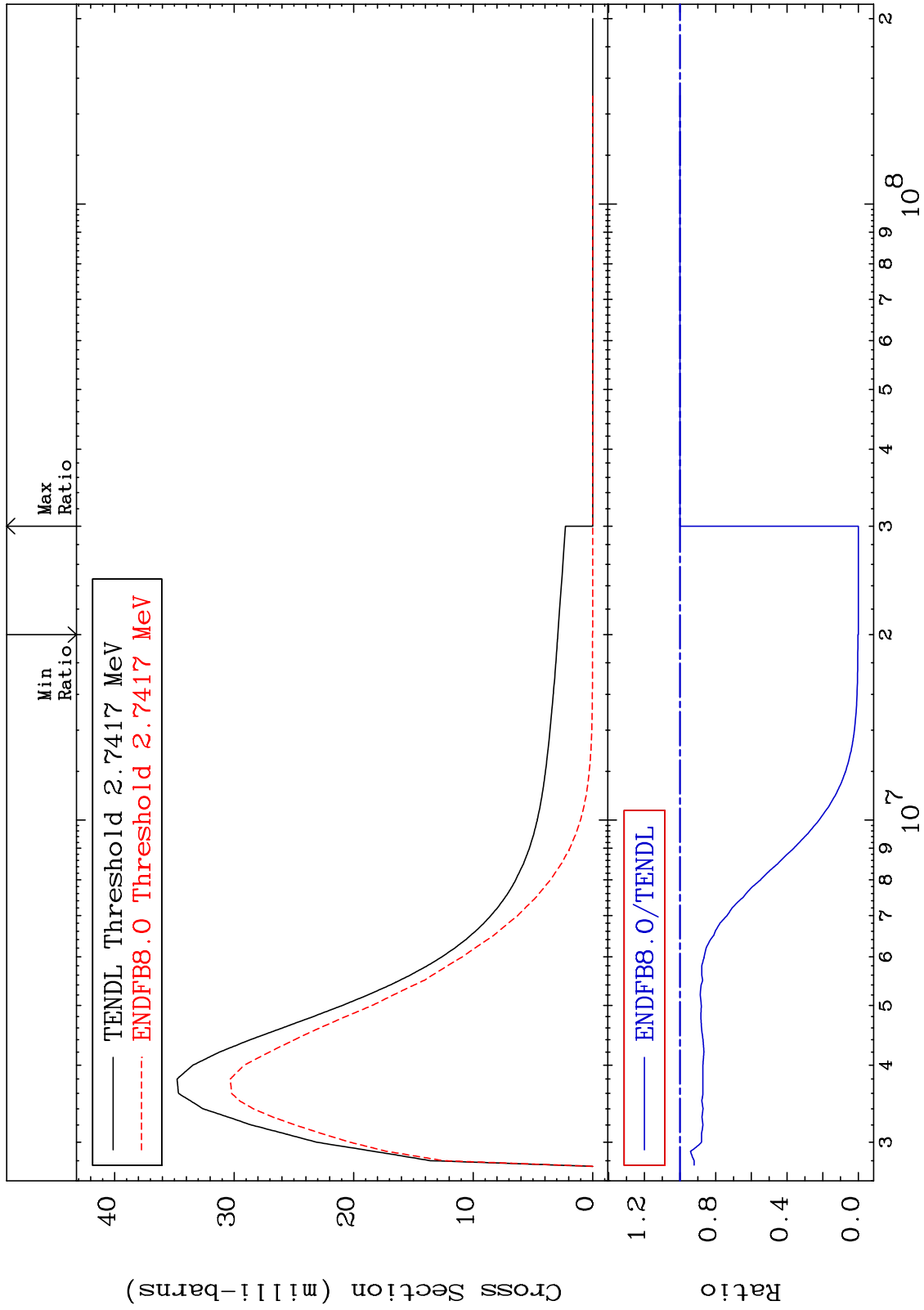


35

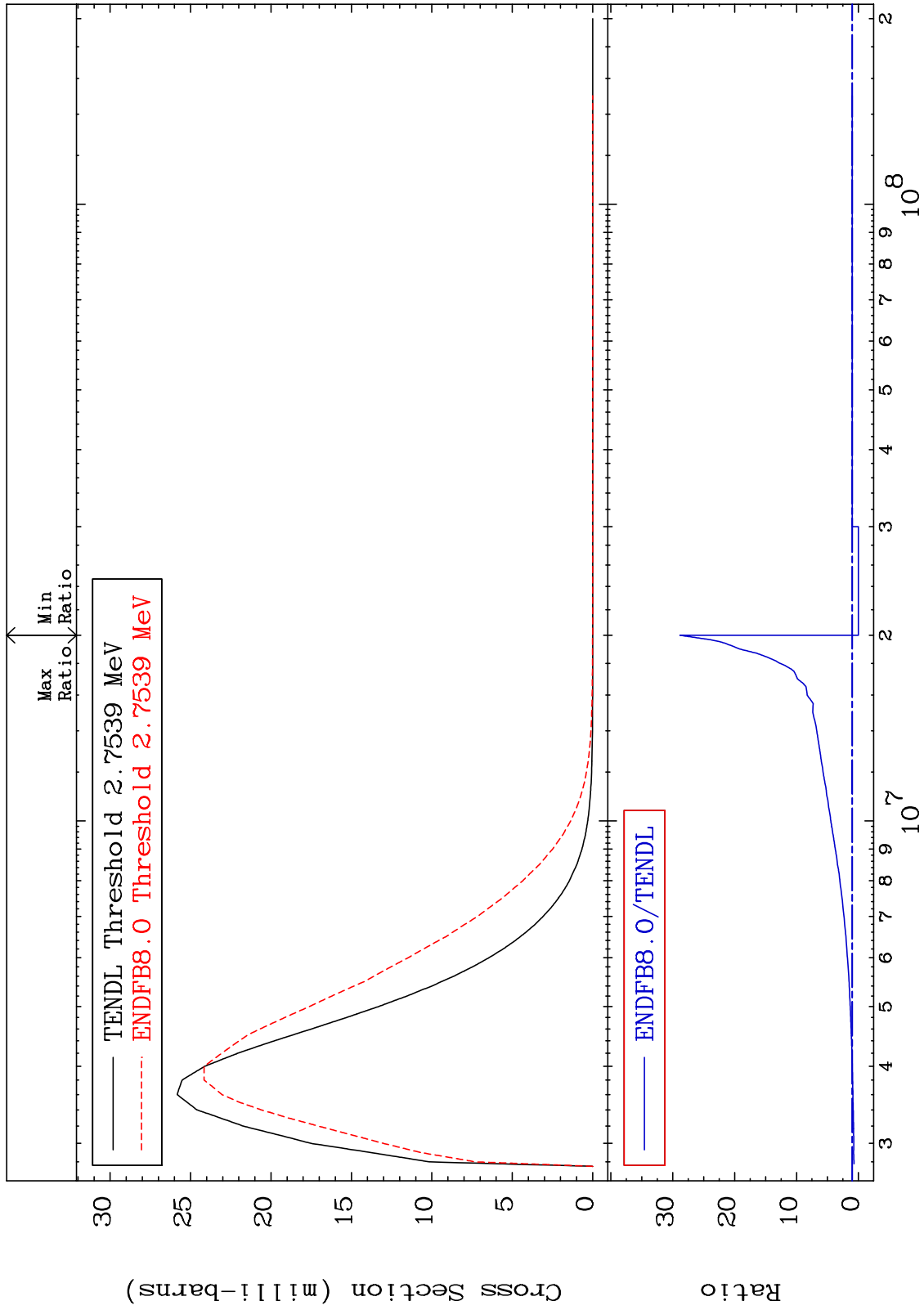
Incident Energy (eV)

28-Ni-61

MAT 2834 MT= 77 (n,n') Level Cross Section 28-Ni-61
 -100.0 To 0.000 %

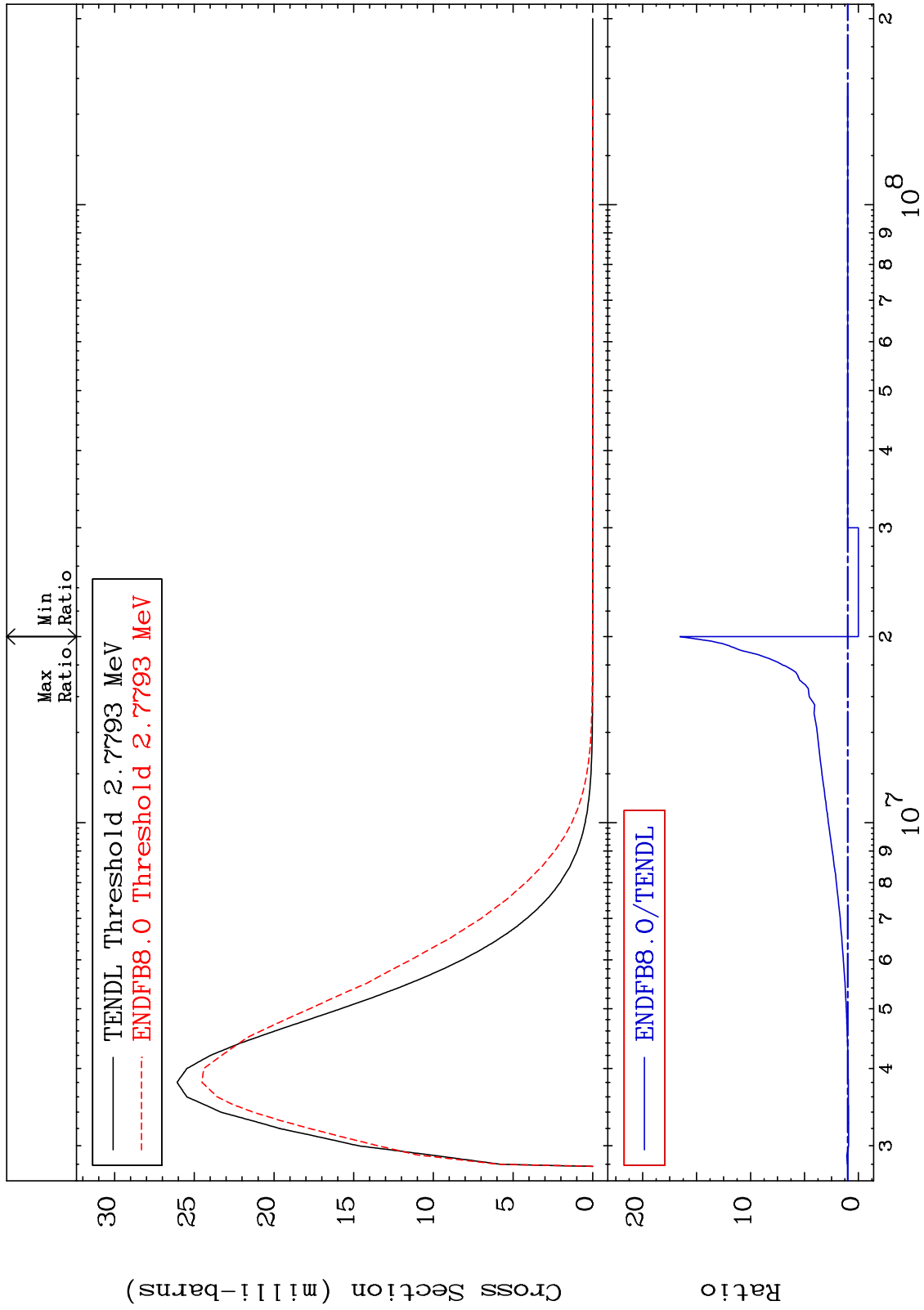


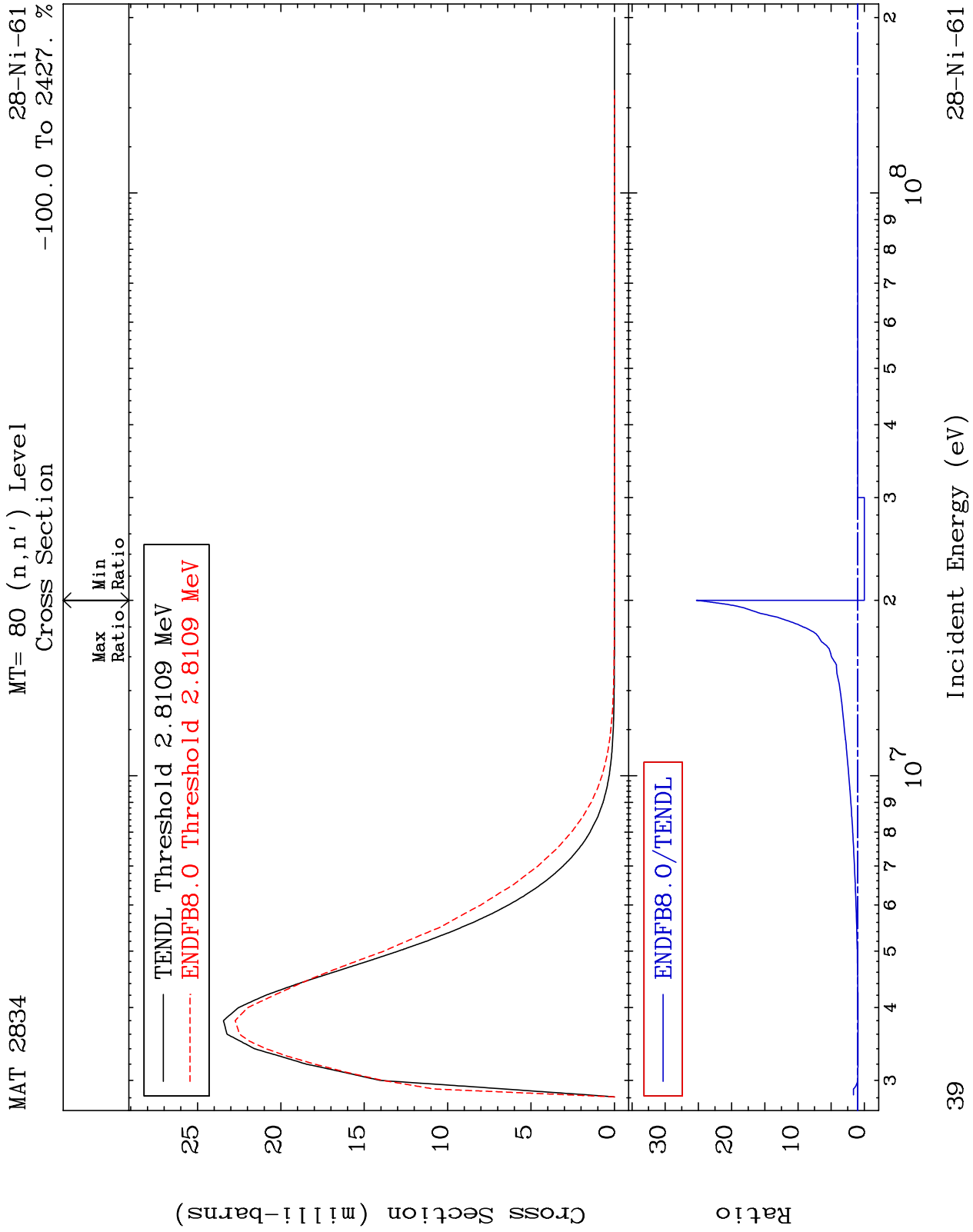
MAT 2834 MT= 78 (n,n') Level Cross Section -100.0 To 2783. % 28-Ni-61



37 Incident Energy (eV) 28-Ni-61

MAT 2834 MT= 79 (n,n') Level Cross Section -100.0 To 1554. % 28-Ni-61

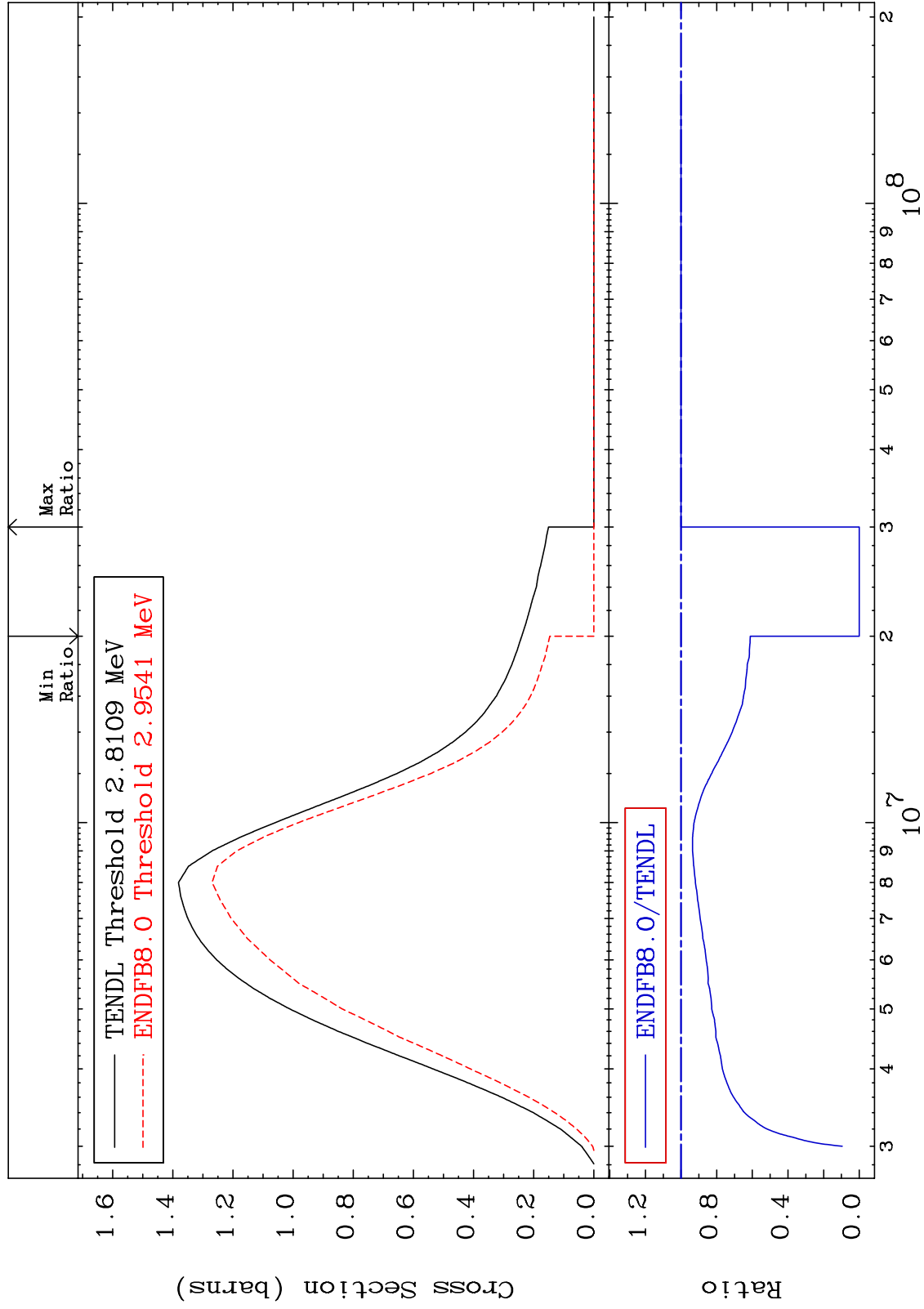




MAT 2834

(n, n') Continuum
Cross Section

28-Ni-61
-100.0 To 0.000 %



40

Incident Energy (eV)

28-Ni-61

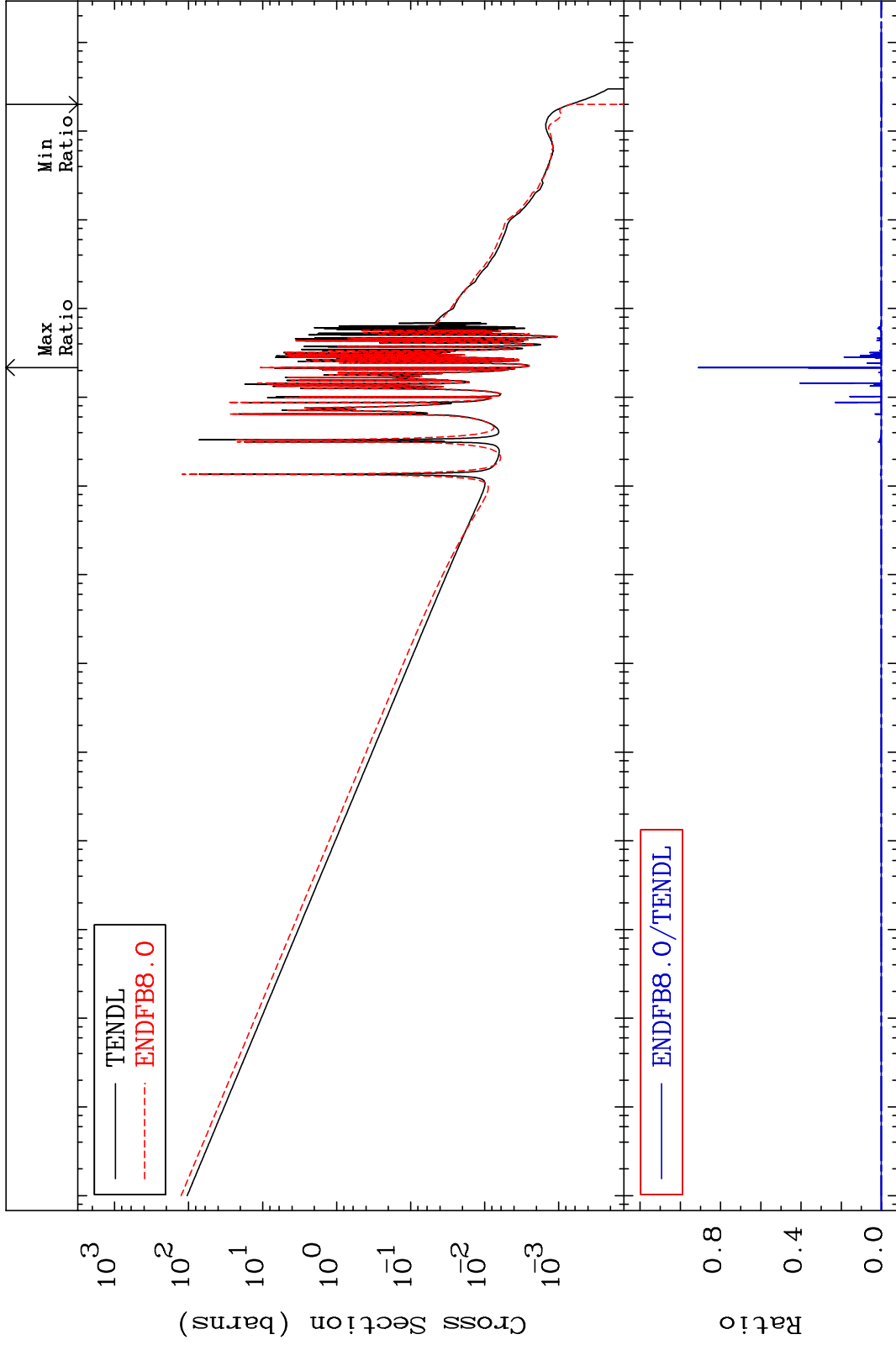
MAT 2834

(n, γ)

28-Ni-61

Cross Section

-100.0 To 9999. %



41

Incident Energy (eV)

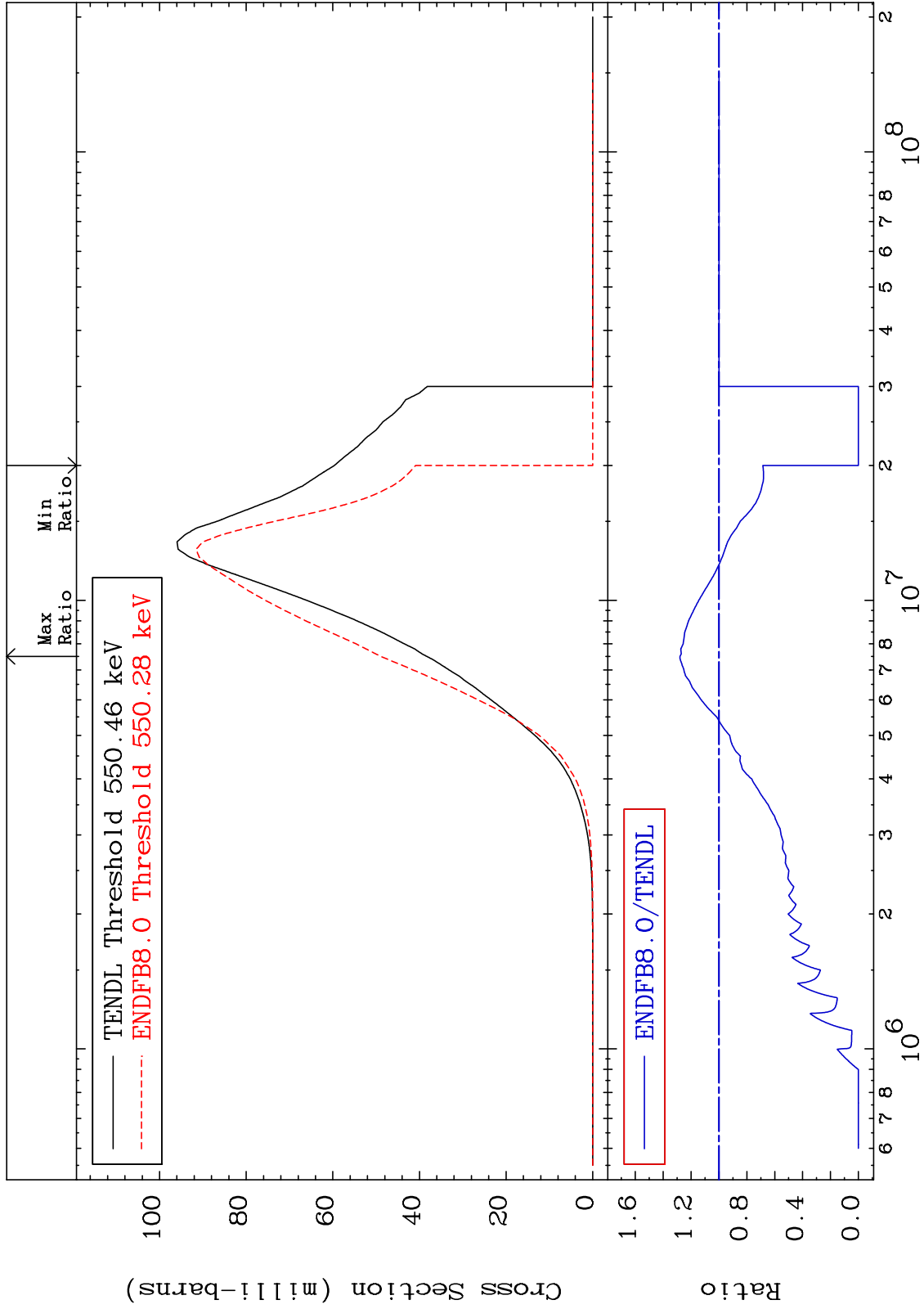
28-Ni-61

MAT 2834

²⁸Ni-61

(n,p) -100.0 To 27.91 %

Cross Section



42

Incident Energy (eV)

²⁸Ni-61

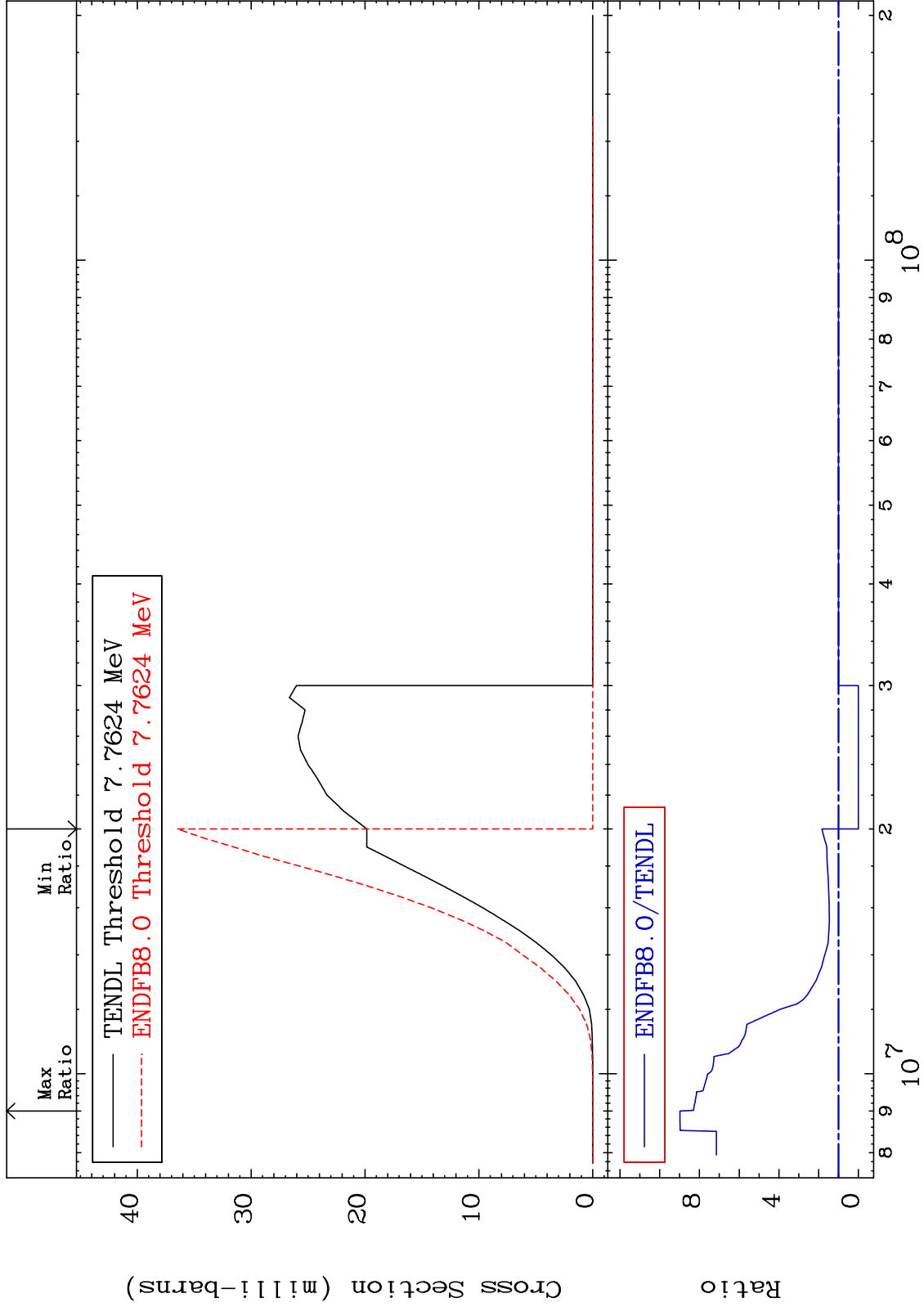
MAT 2834

(n,d)

28-Ni-61

Cross Section

-100.0 To 797.7 %



43

Incident Energy (eV)

28-Ni-61

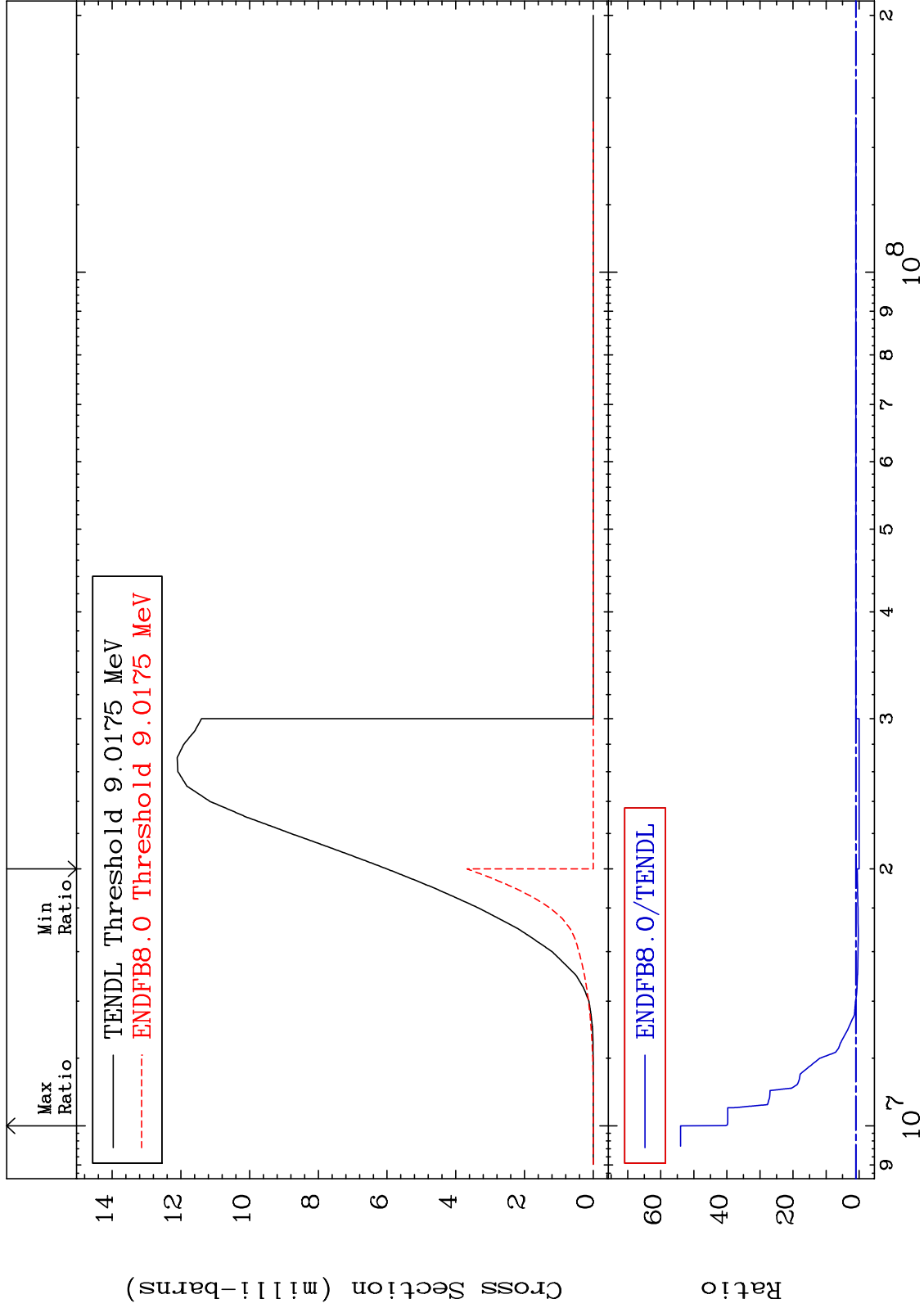
MAT 2834

(n, t)

28-Ni-61

Cross Section

-100.0 To 5300. %



44

Incident Energy (eV)

28-Ni-61

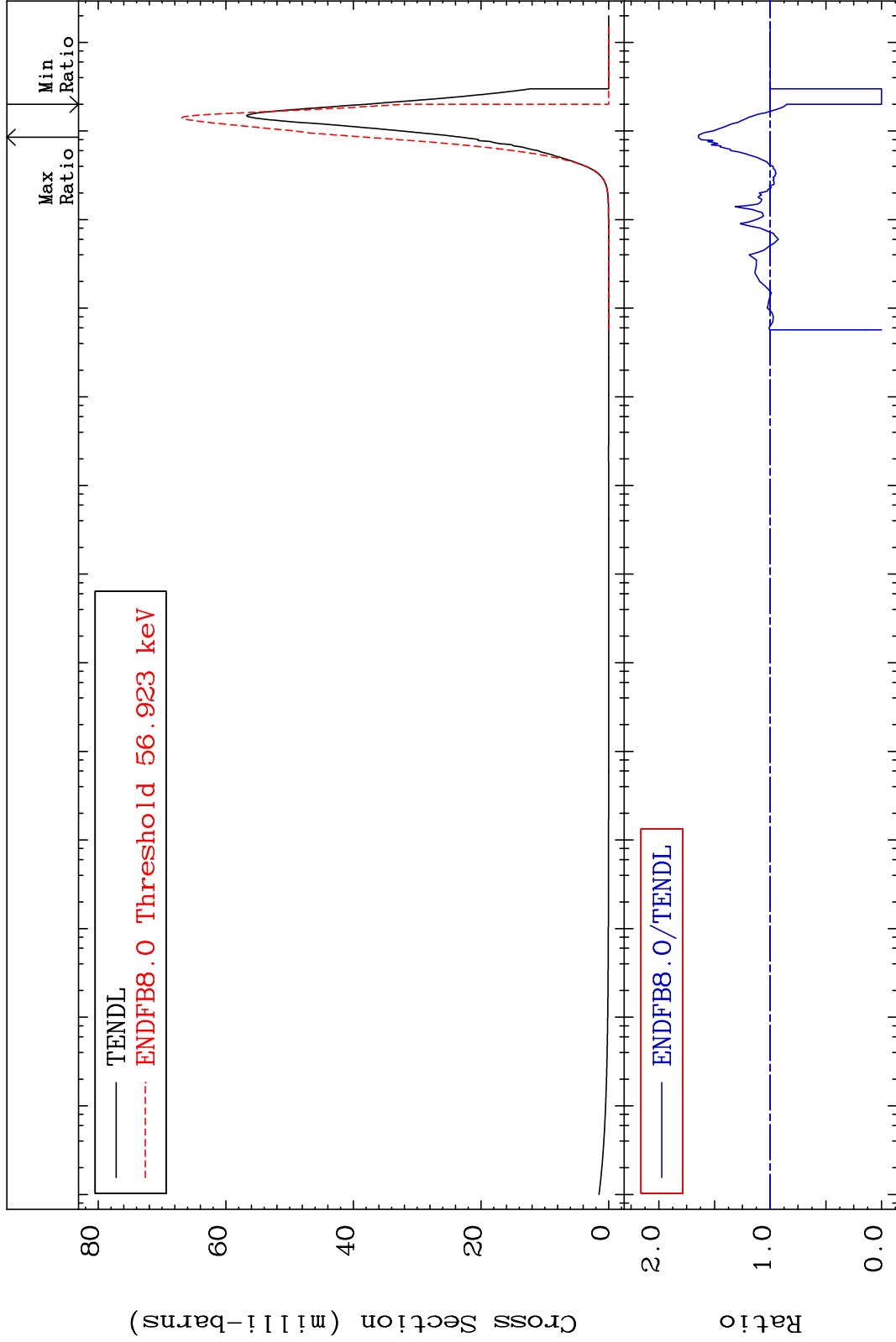
MAT 2834

(n, α)

28-Ni-61

Cross Section

-100.0 To 64.54 %



45

Incident Energy (eV)

28-Ni-61

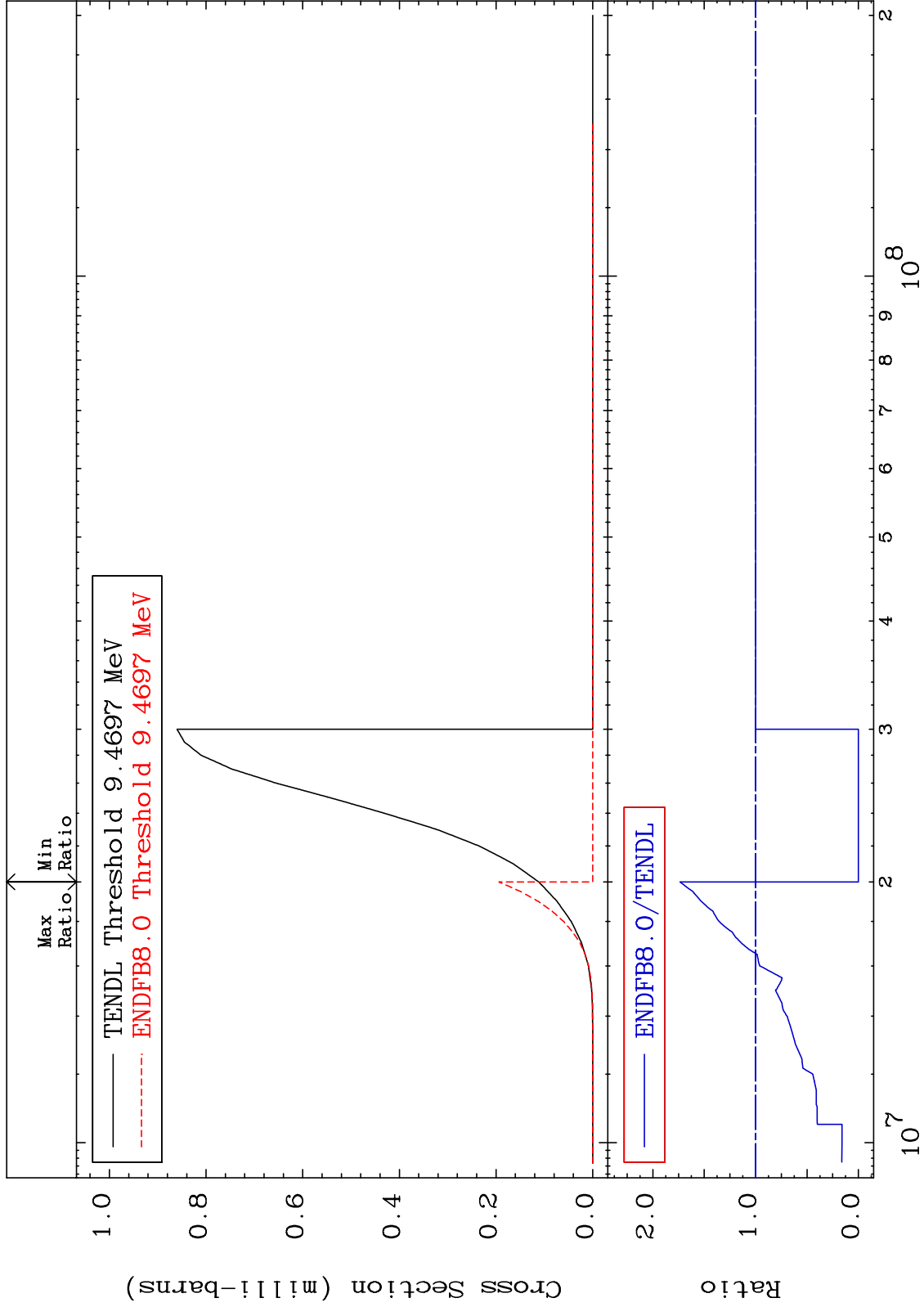
MAT 2834

(n,2p)

28-Ni-61

Cross Section

-100.0 To 73.57 %



46

28-Ni-61

28-Ni-61

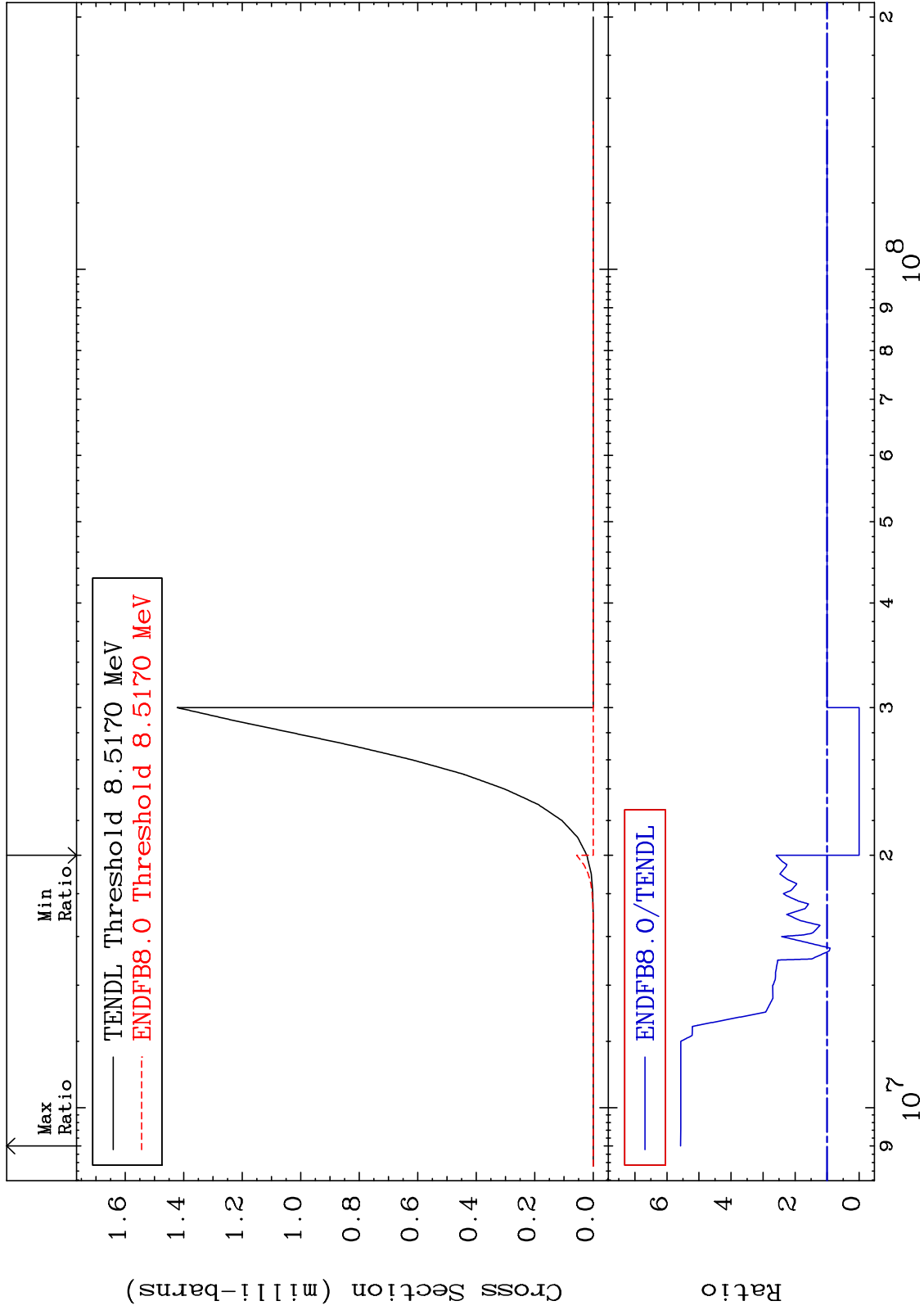
MAT 2834

(n,p) α

28-Ni-61

Cross Section

-100.0 To 457.2 %



47

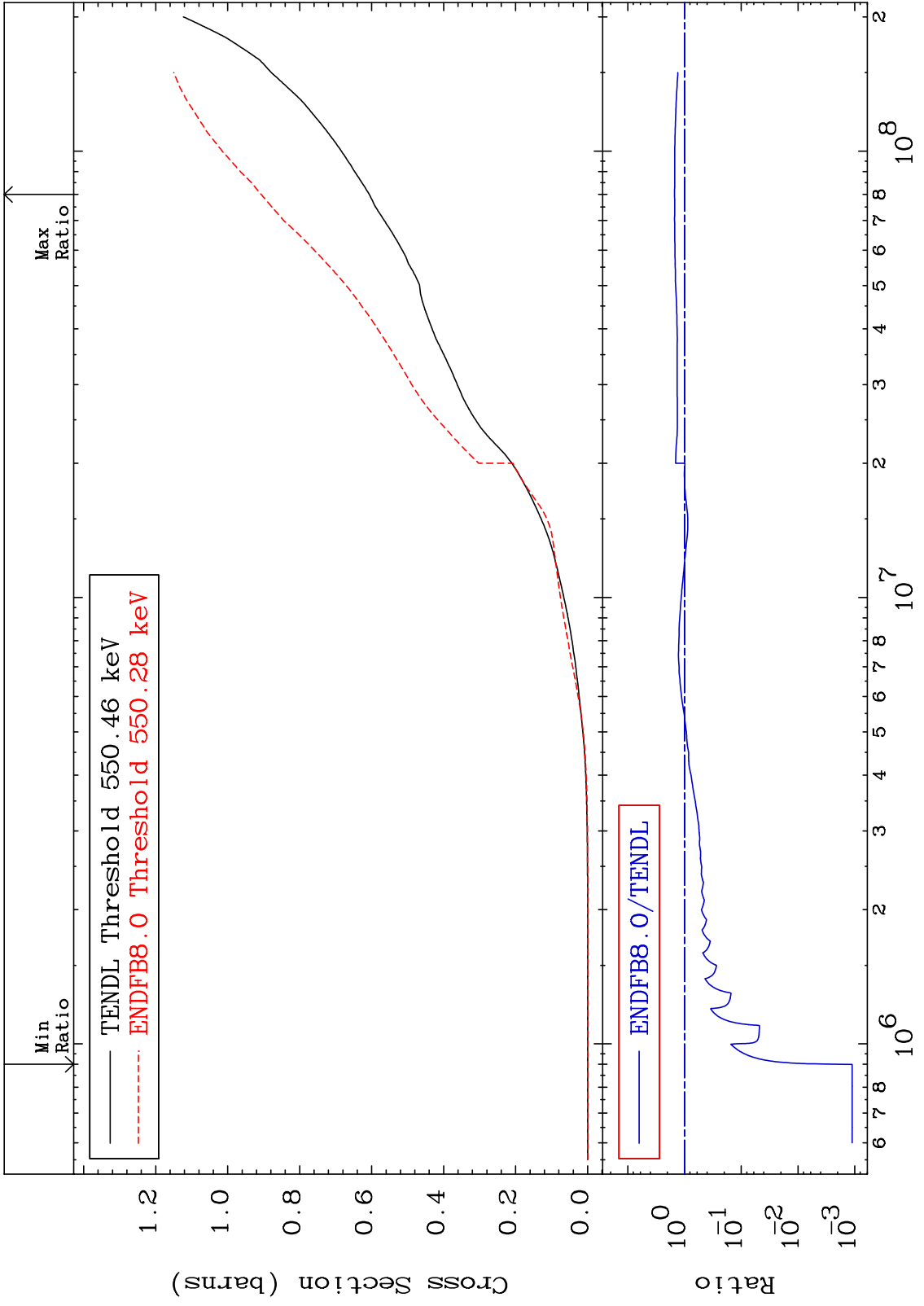
Incident Energy (eV)

28-Ni-61

MAT 2834

Hydrogen Production
Cross Section

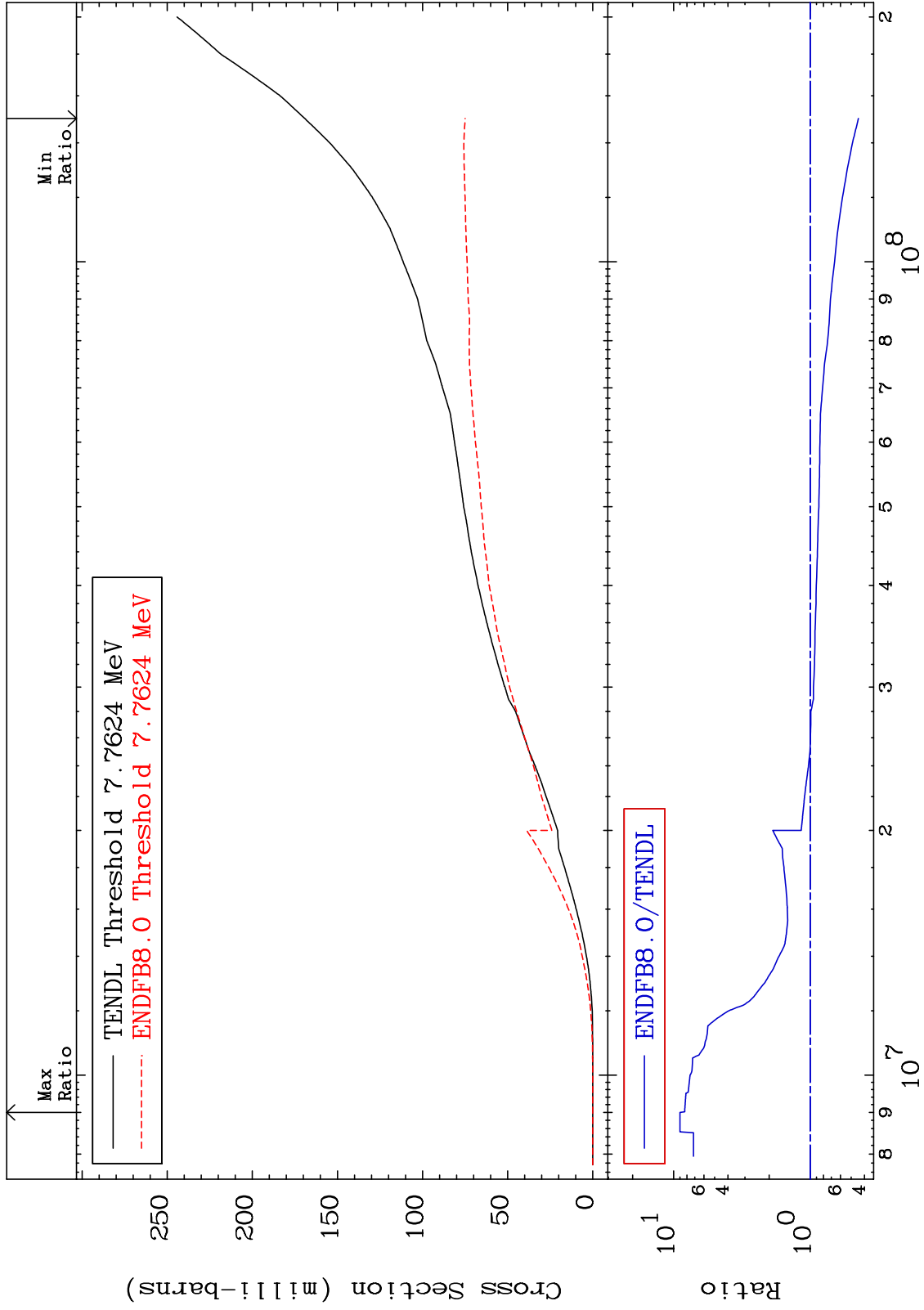
28-Ni-61
-99.89 To 49.54 %



MAT 2834

Deuterium Production
Cross Section

28-Ni-61
-55.68 To 797.7 %



49

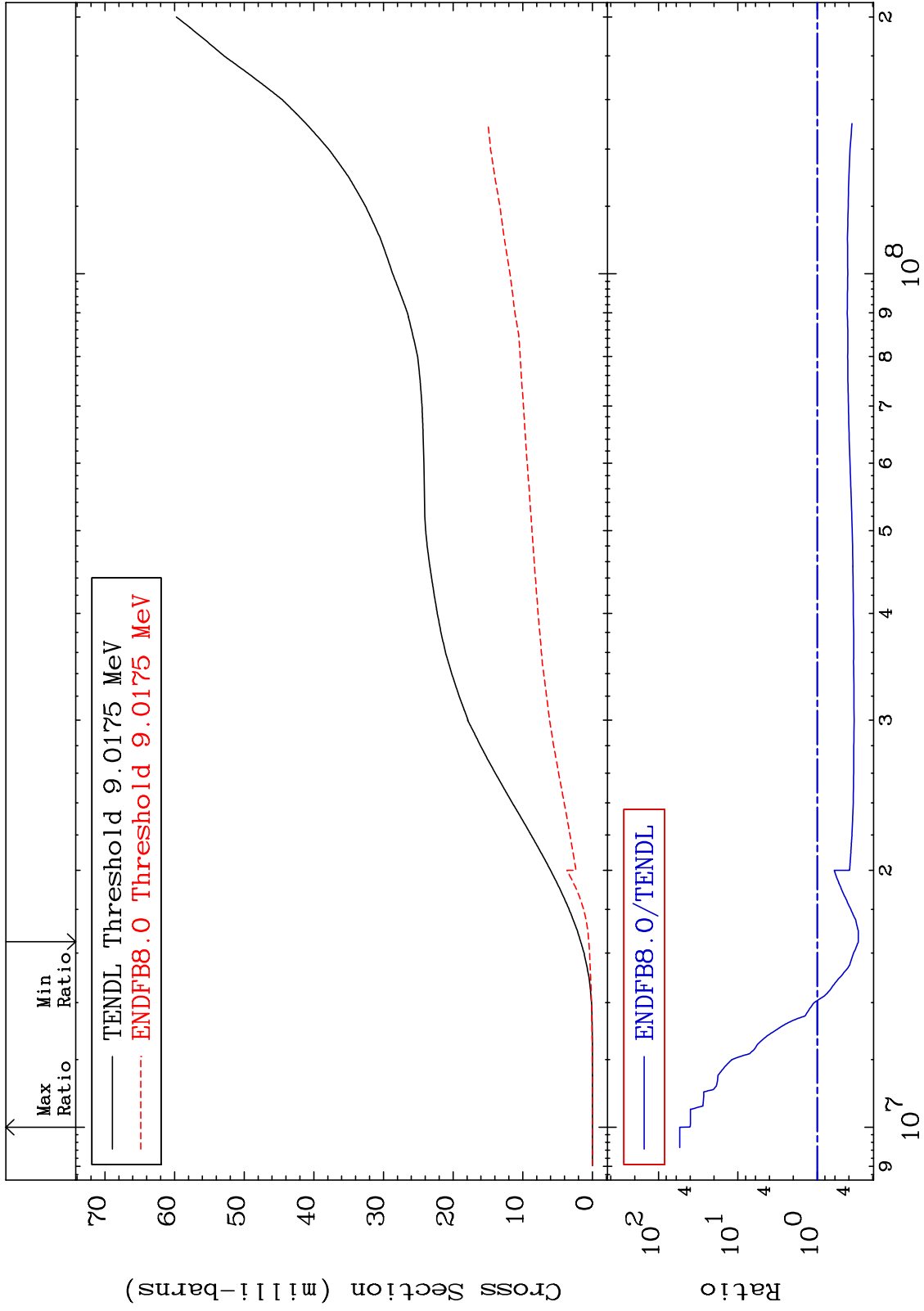
Incident Energy (eV)

28-Ni-61

MAT 2834

Tritium Production
Cross Section

²⁸Ni-61
-69.68 To 5300. %



50

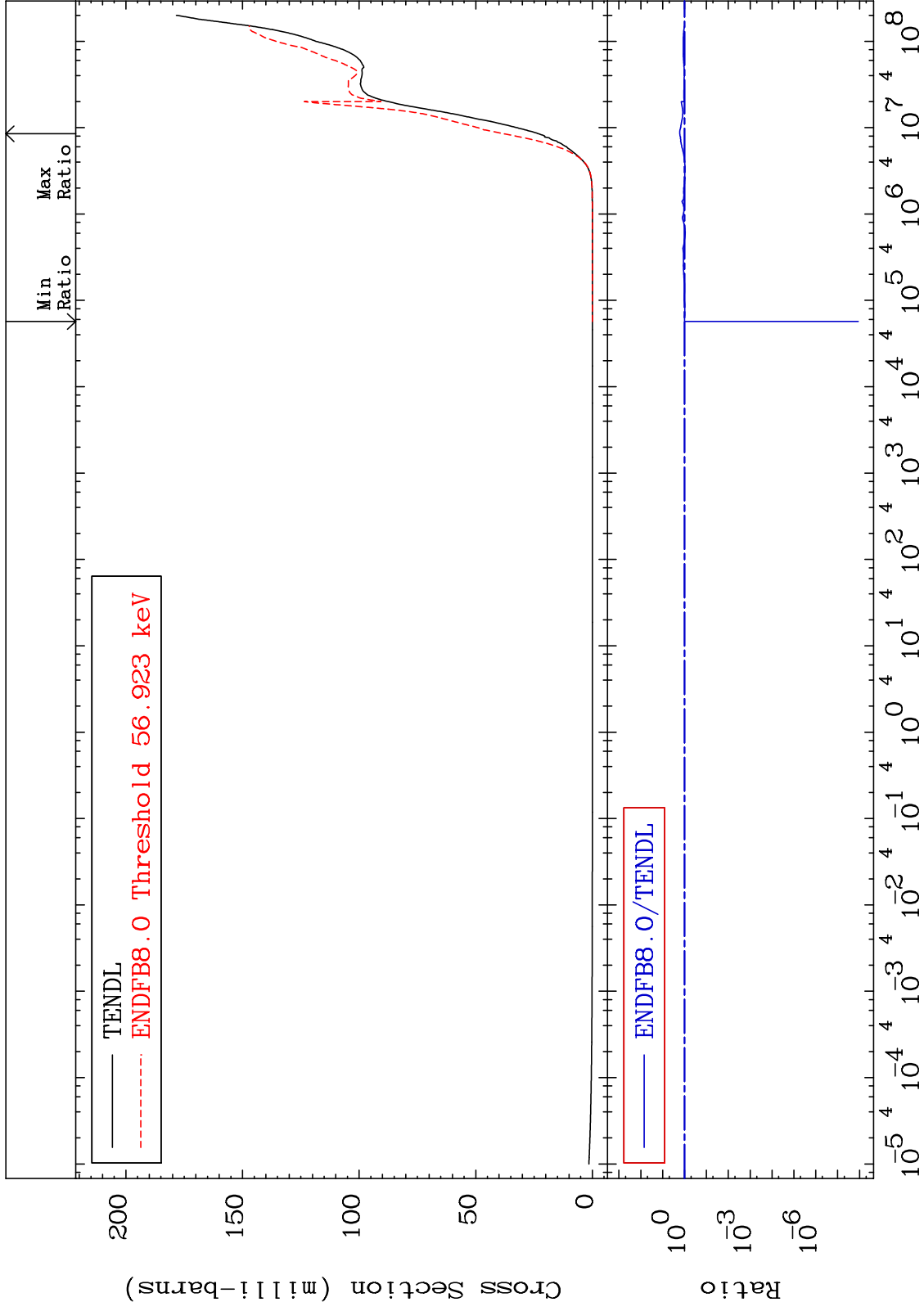
Incident Energy (eV)

²⁸Ni-61

MAT 2834

He-4 Production
Cross Section

28-Ni-61
-100.0 To 64.54 %



51

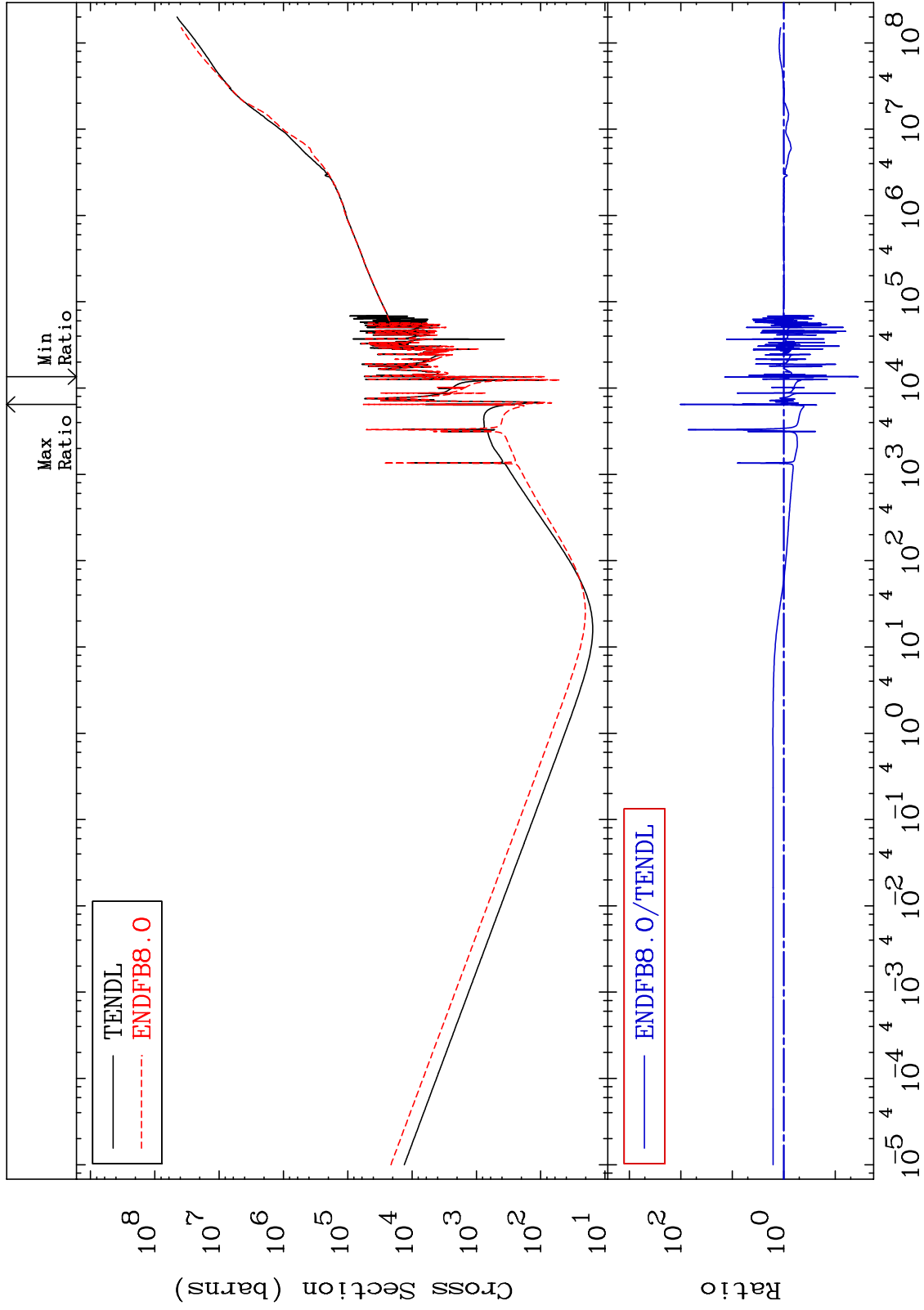
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma total (eV-barns)
Cross Section

28-Ni-61
-96.45 To 9999. %



52

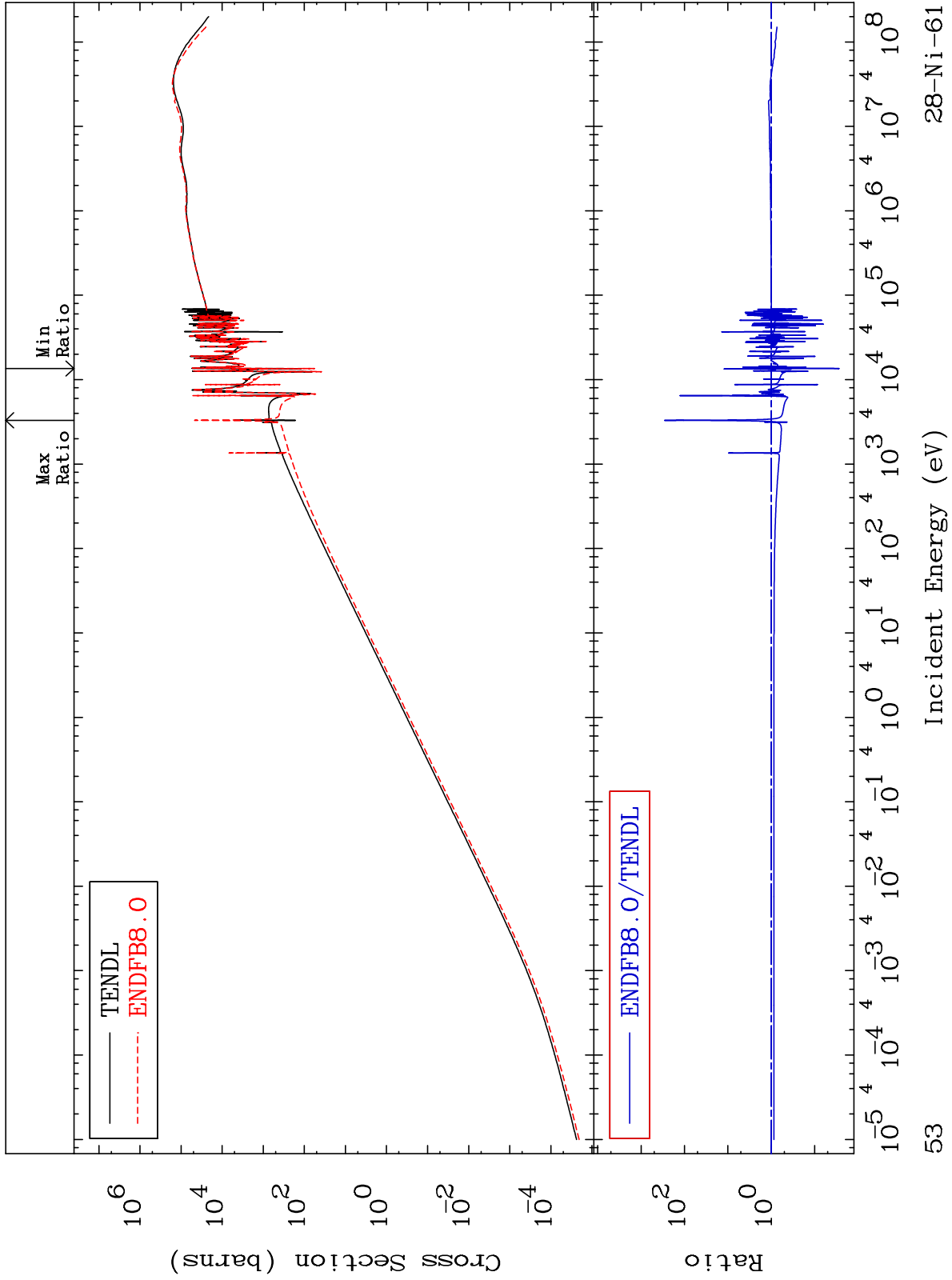
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma elastic
Cross Section

28-Ni-61
-97.26 To 9999. %



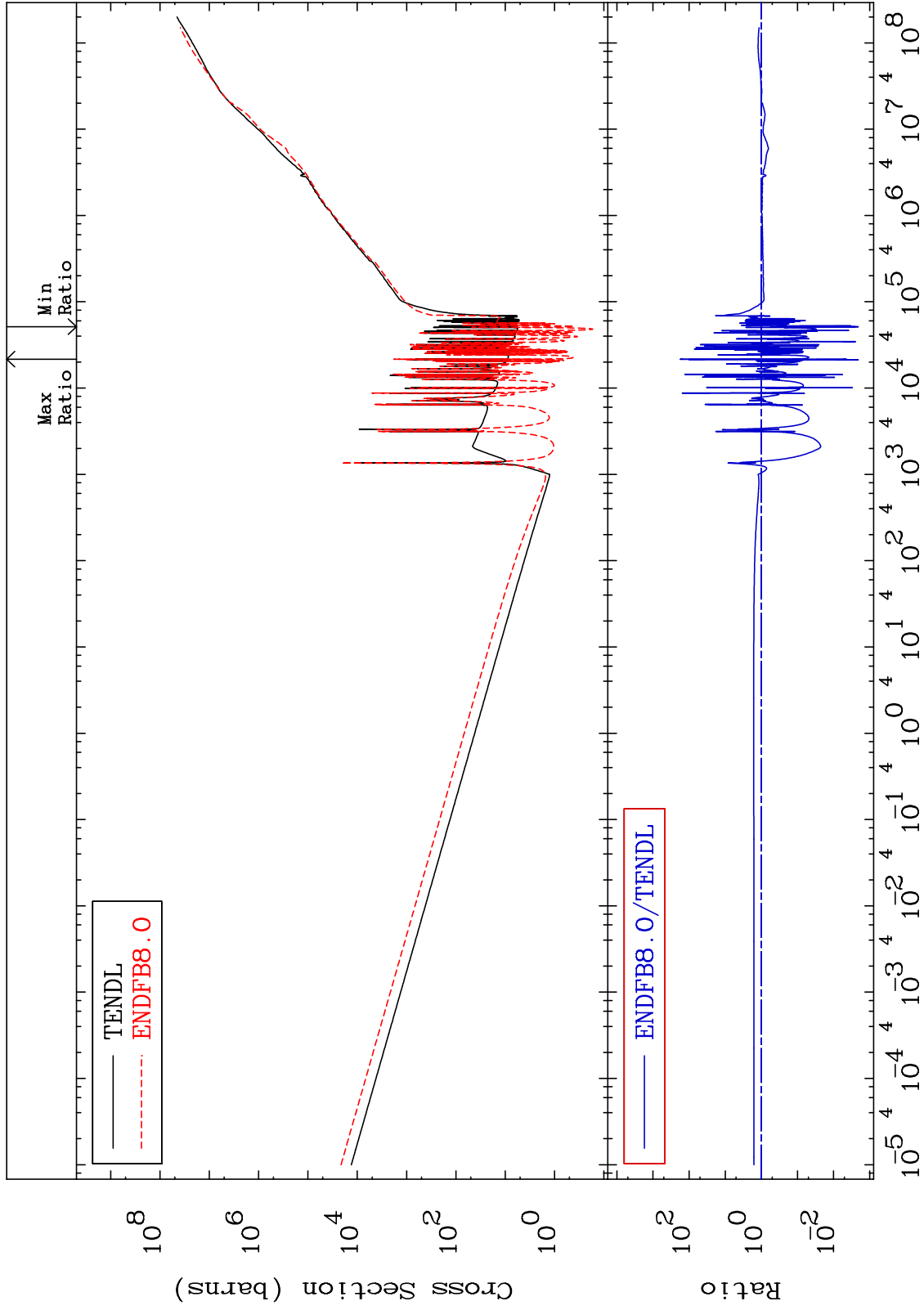
53

28-Ni-61

MAT 2834

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-61
-99.79 To 9999. %



54

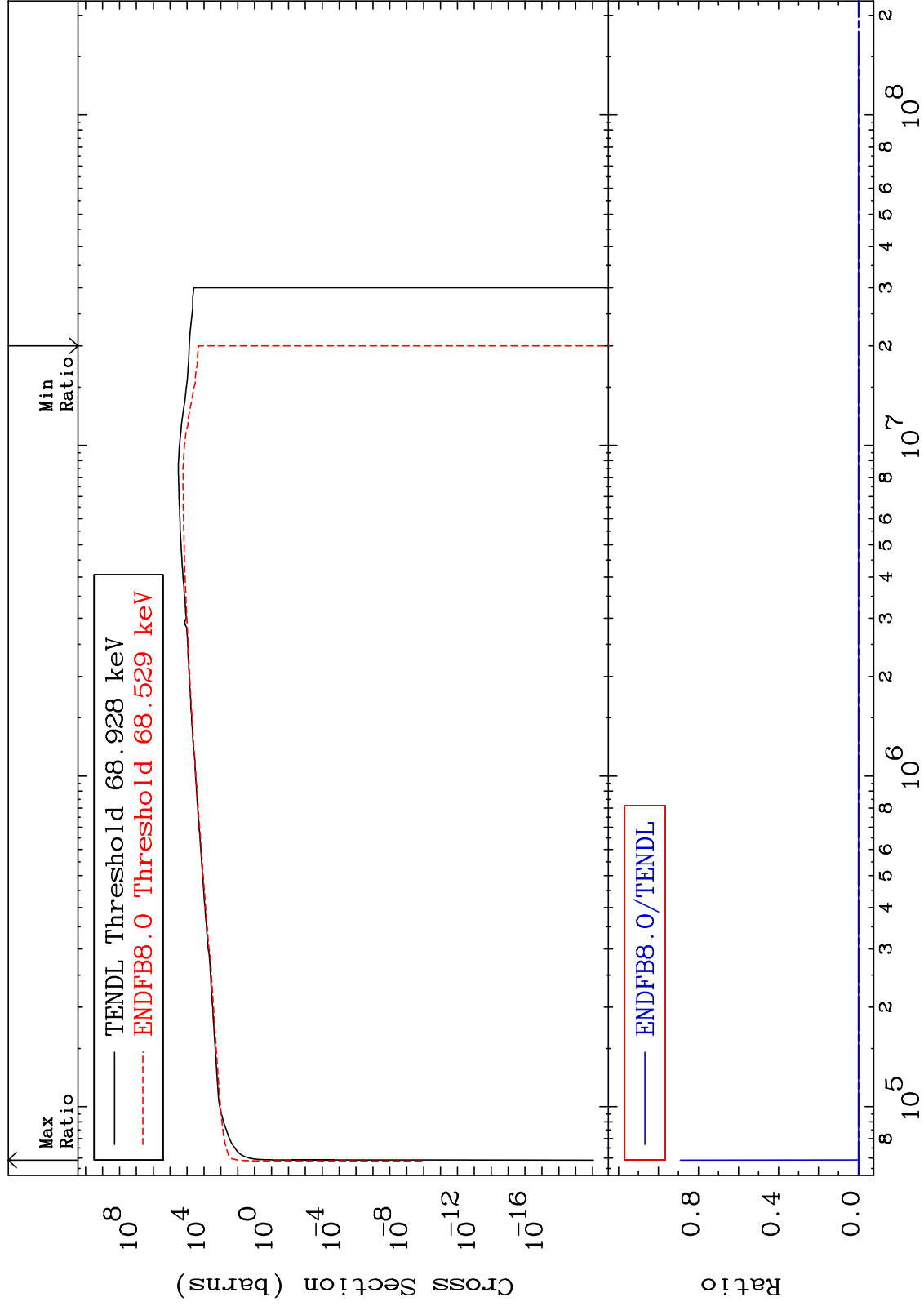
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma inelastic (mt51-91)
Cross Section

28-Ni-61
-100.0 To 9999. %



55

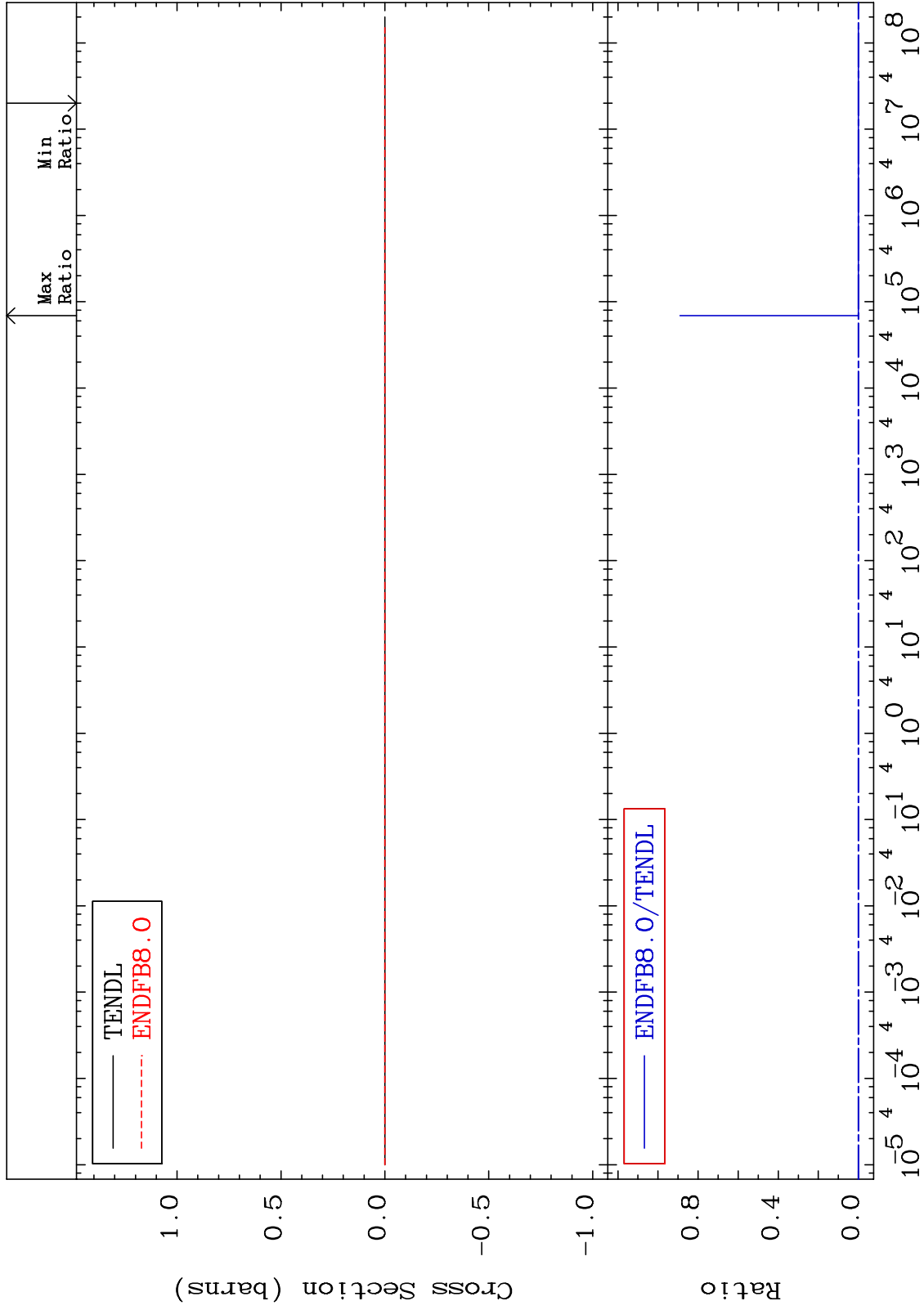
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61
-100.0 To 9999. %



56

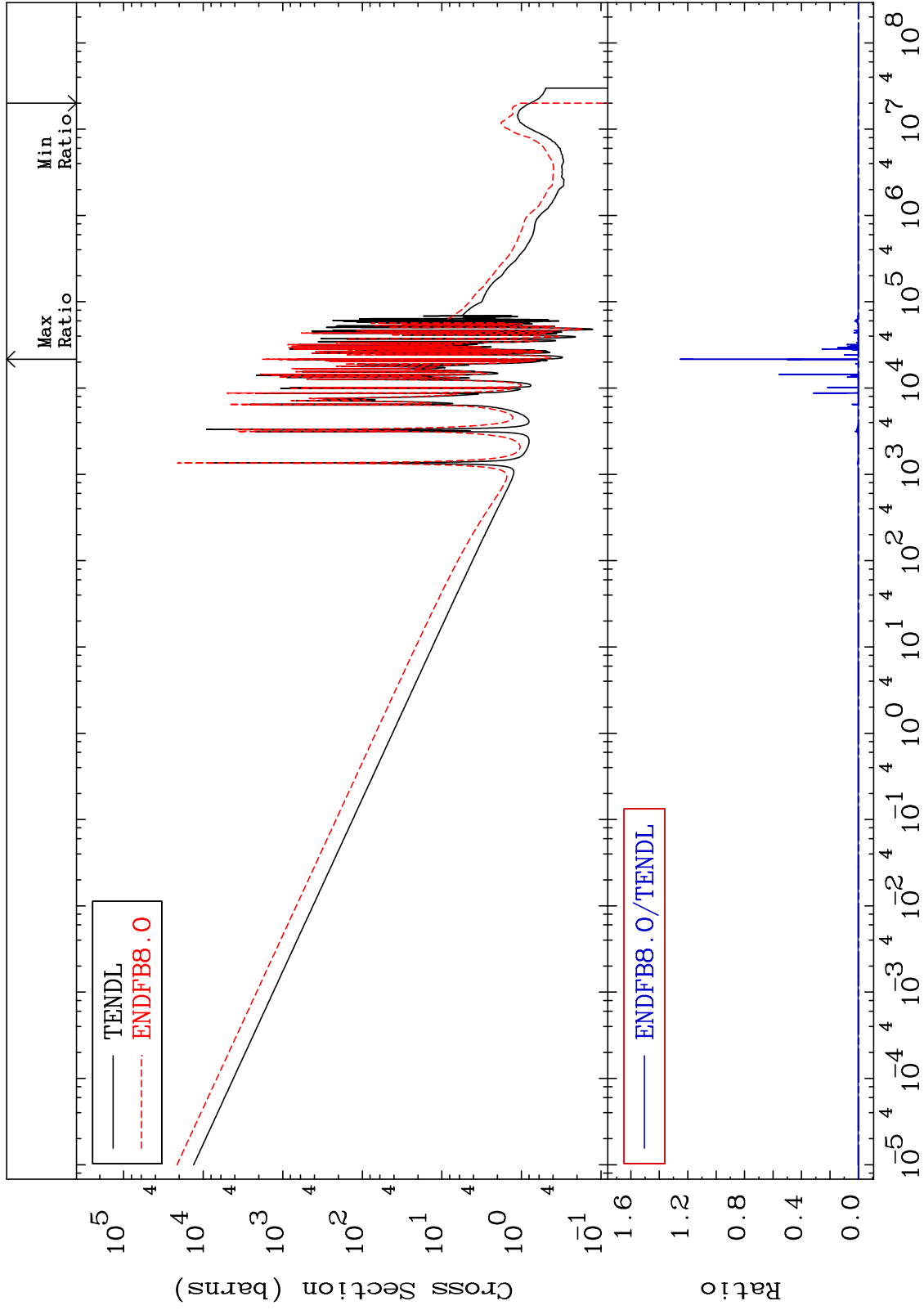
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma capture (mt102)
Cross Section

28-Ni-61
-100.0 To 9999. %



57

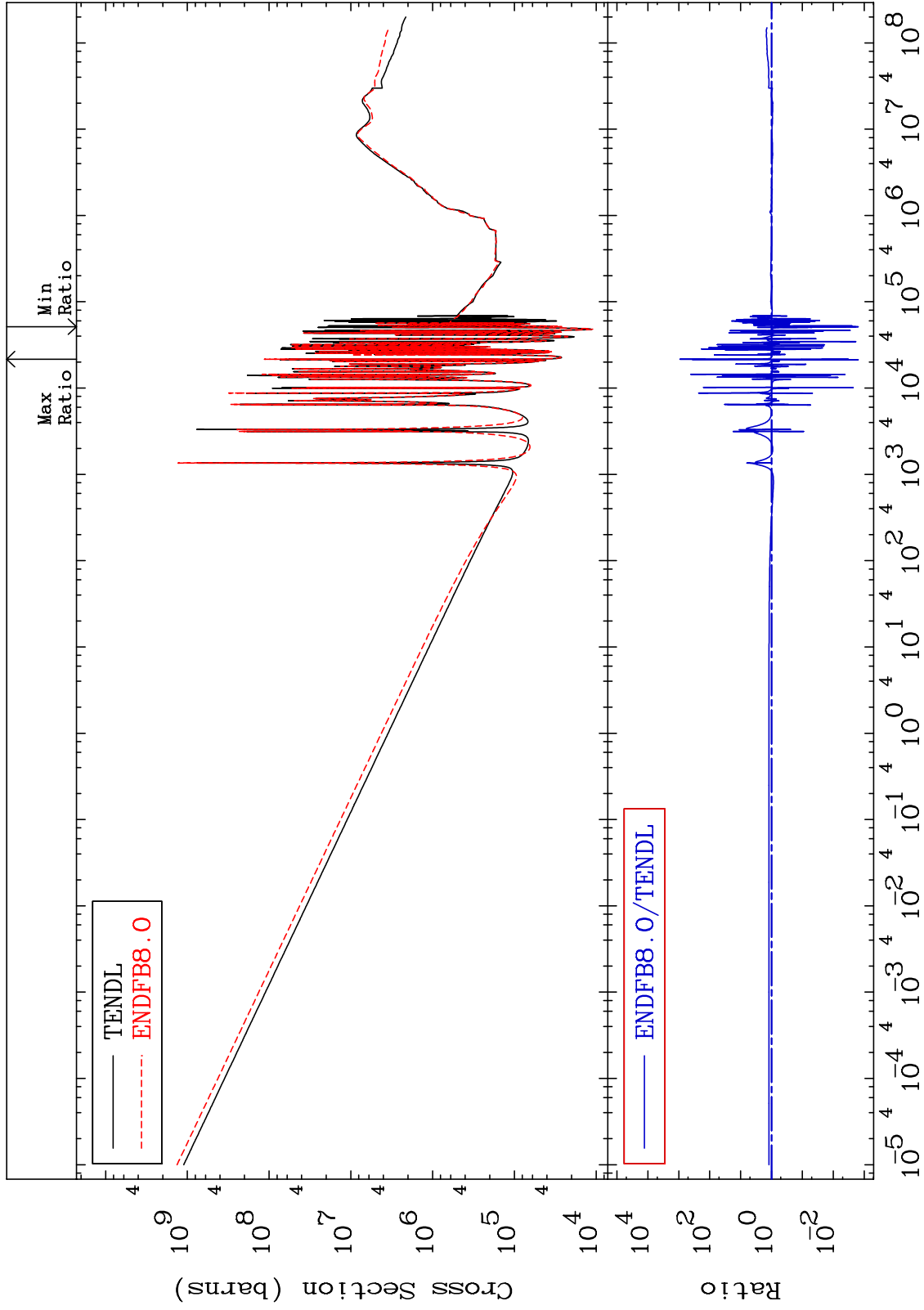
Incident Energy (eV)

28-Ni-61

MAT 2834

Total photon (eV-barns)
Cross Section

28-Ni-61
-99.85 To 9999. %



58

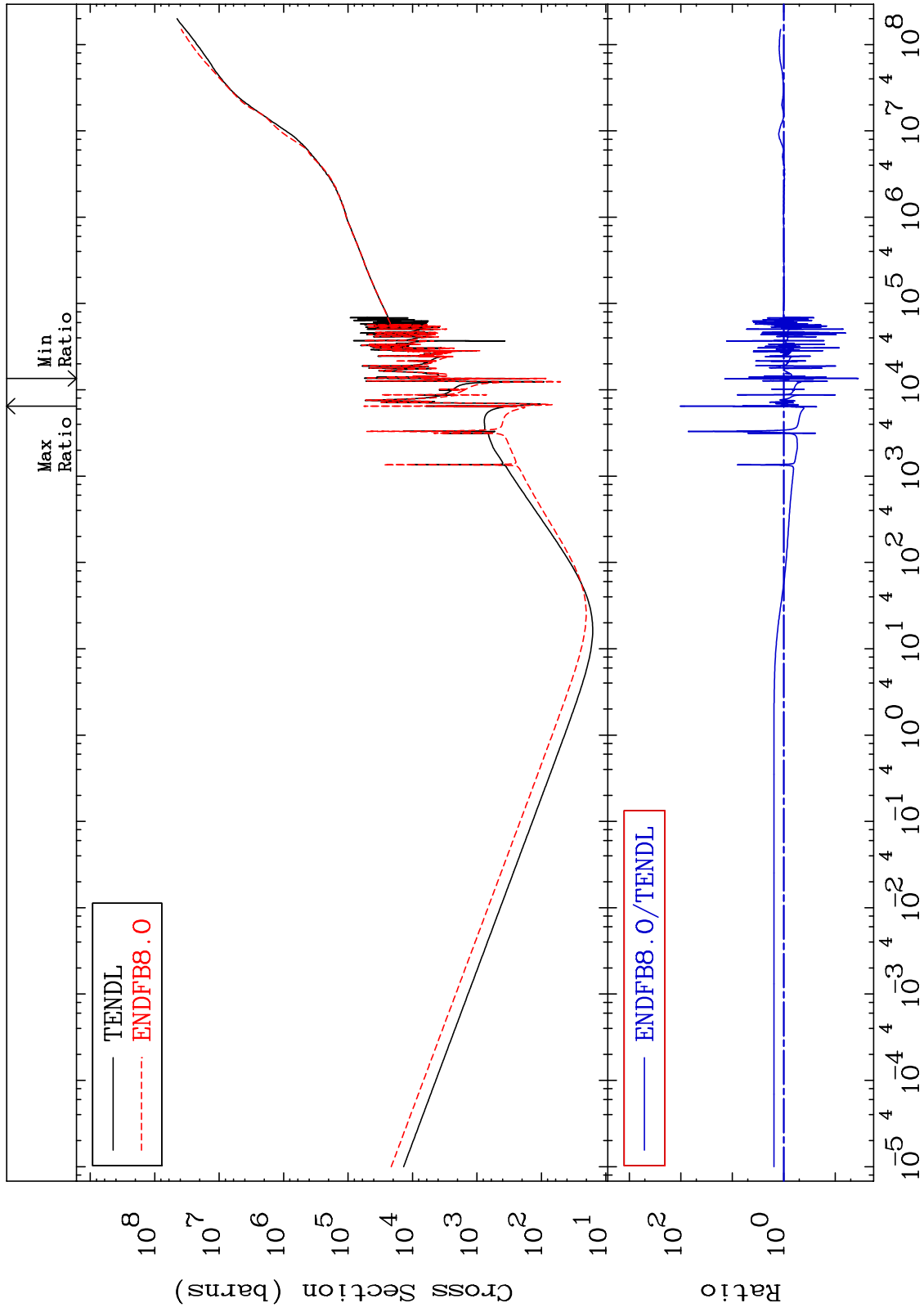
Incident Energy (eV)

28-Ni-61

MAT 2834

Total kinematic kerma (high limit)
Cross Section

28-Ni-61
-96.45 To 9999. %



59

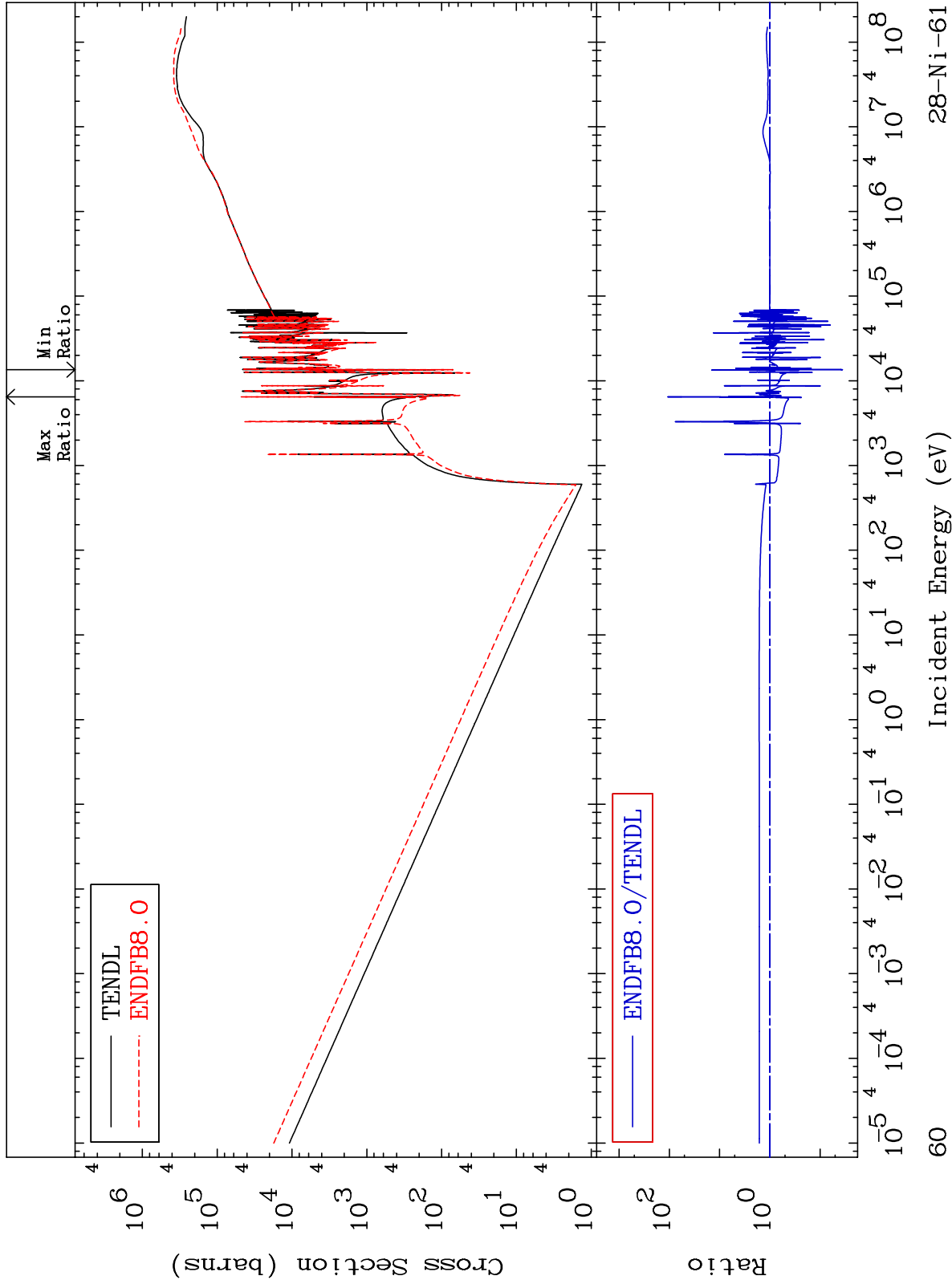
Incident Energy (eV)

28-Ni-61

MAT 2834

Dpa total (eV-barns)
Cross Section

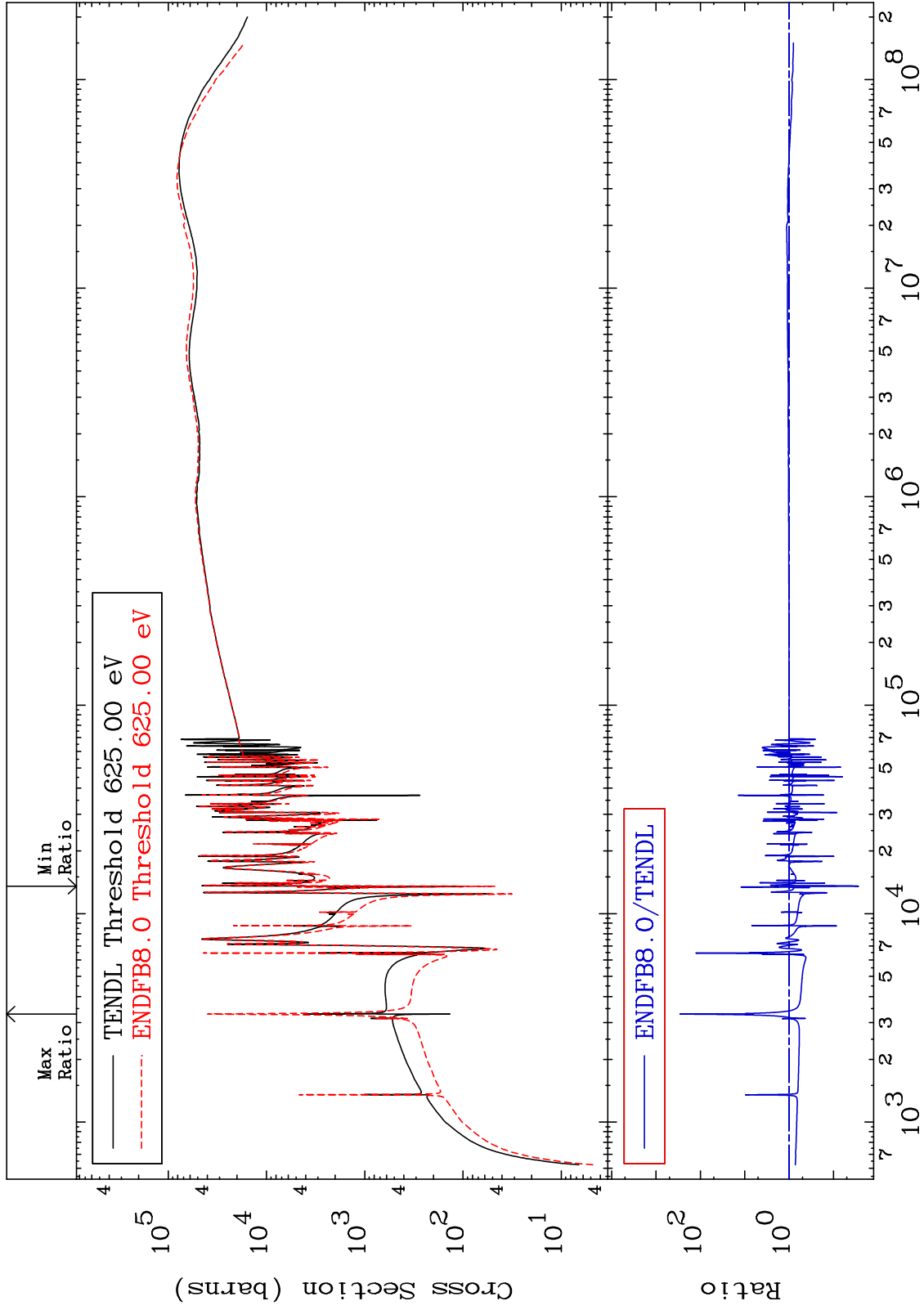
28-Ni-61
-96.45 To 9999. %



MAT 2834

Dpa elastic (mt2)
Cross Section

28-Ni-61
-97.26 To 9999. %



61

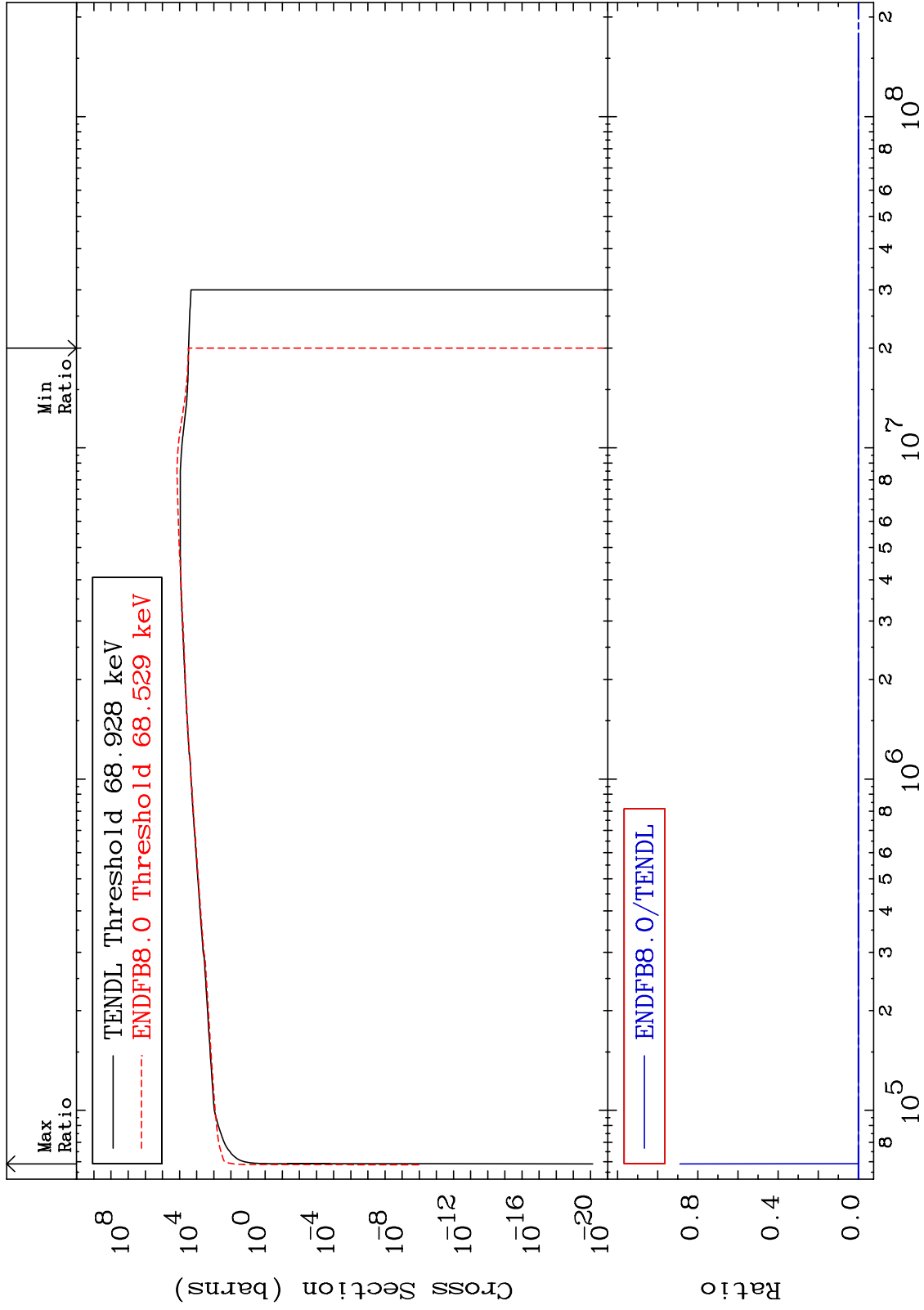
28-Ni-61

28-Ni-61

MAT 2834

Dpa inelastic (mt51-91)
Cross Section

28-Ni-61
-100.0 To 9999. %



62

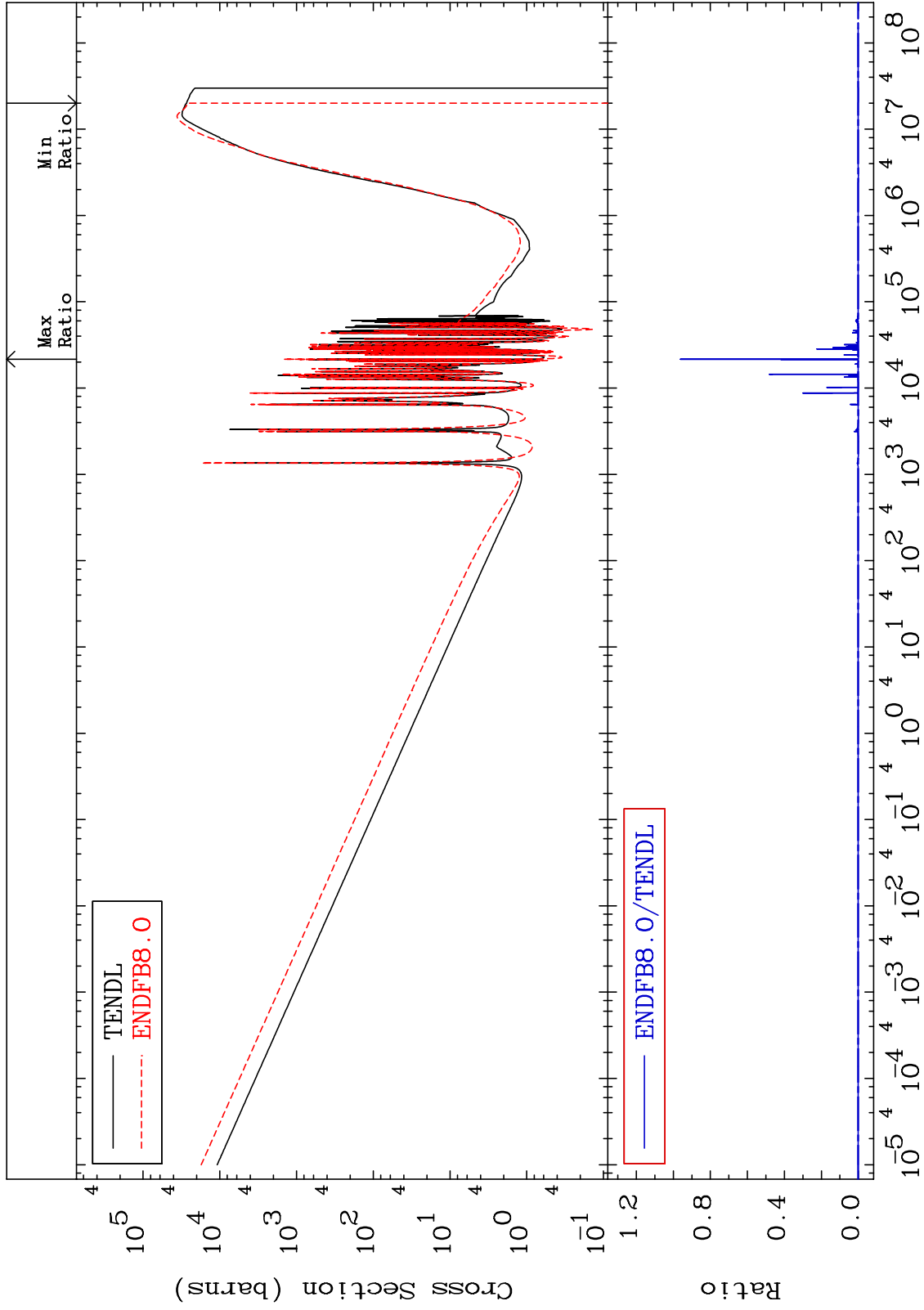
Incident Energy (eV)

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