

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

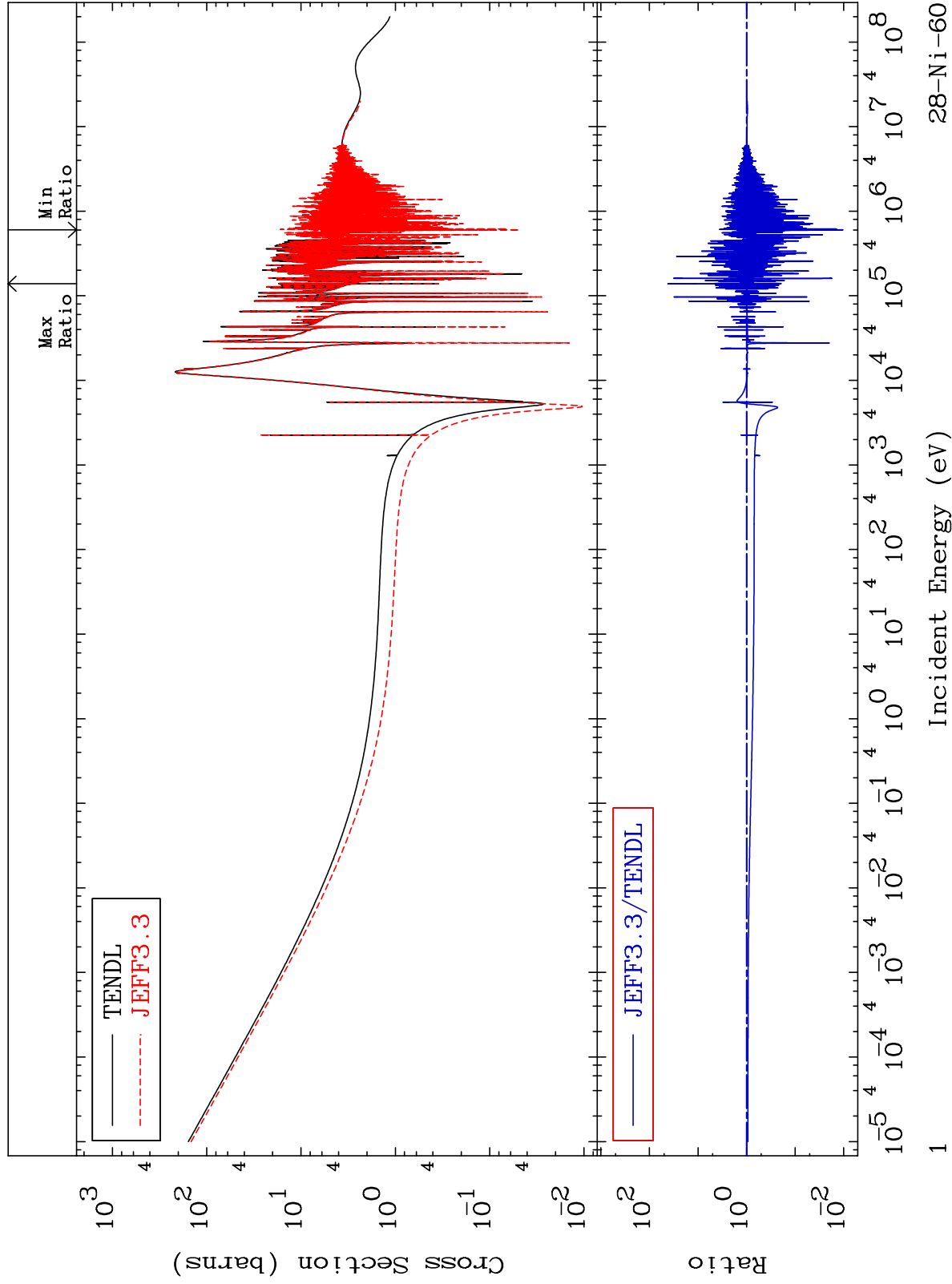
MAT 2831

Total

Cross Section

28-Ni-60

-98.96 To 4042. %



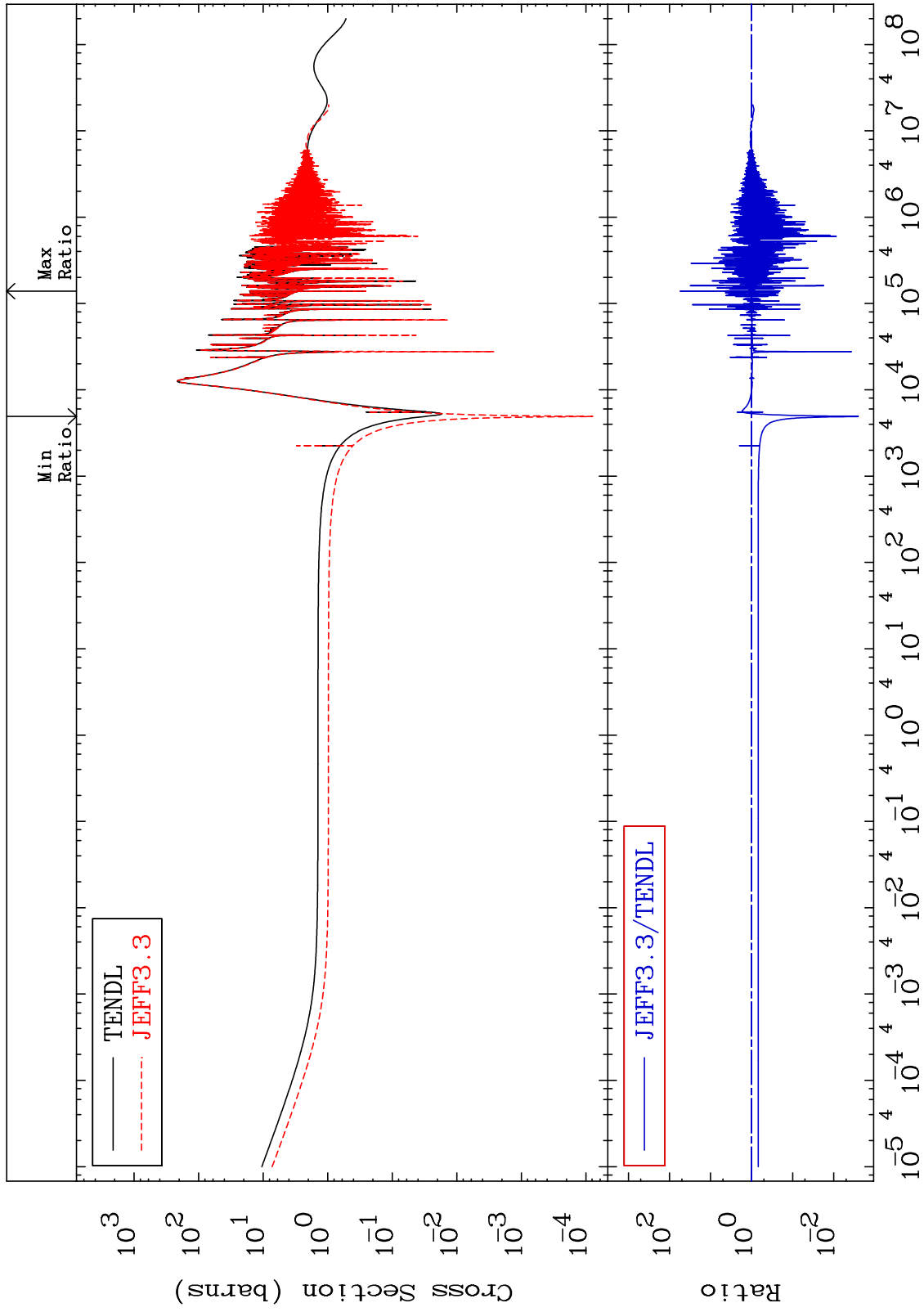
Incident Energy (eV)

28-Ni-60

MAT 2831

Elastic
Cross Section

28-Ni-60
-99.75 To 5435. %



2

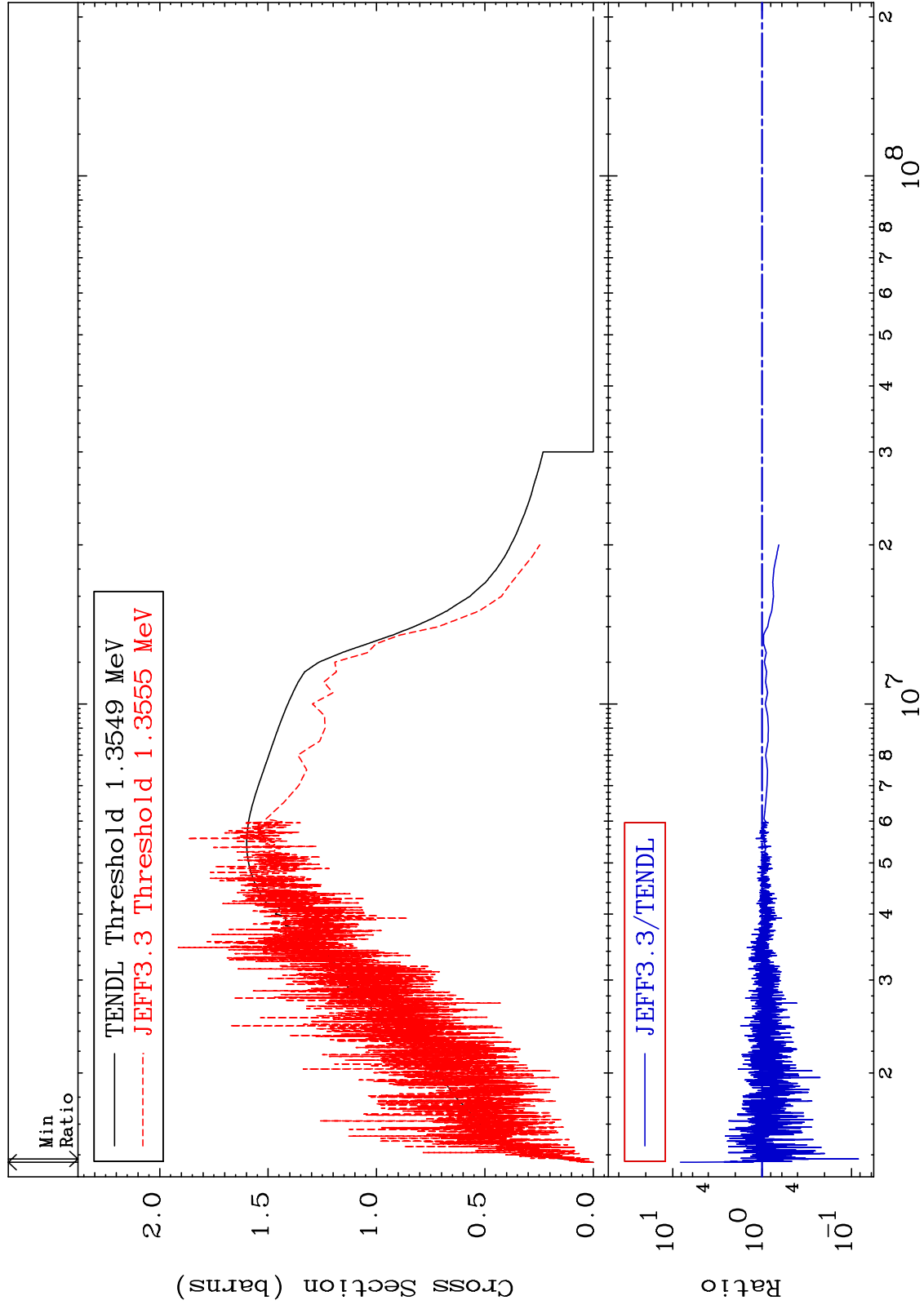
Incident Energy (eV)

28-Ni-60

MAT 2831

Inelastic
Cross Section

28-Ni-60
-91.67 To 718.6 %



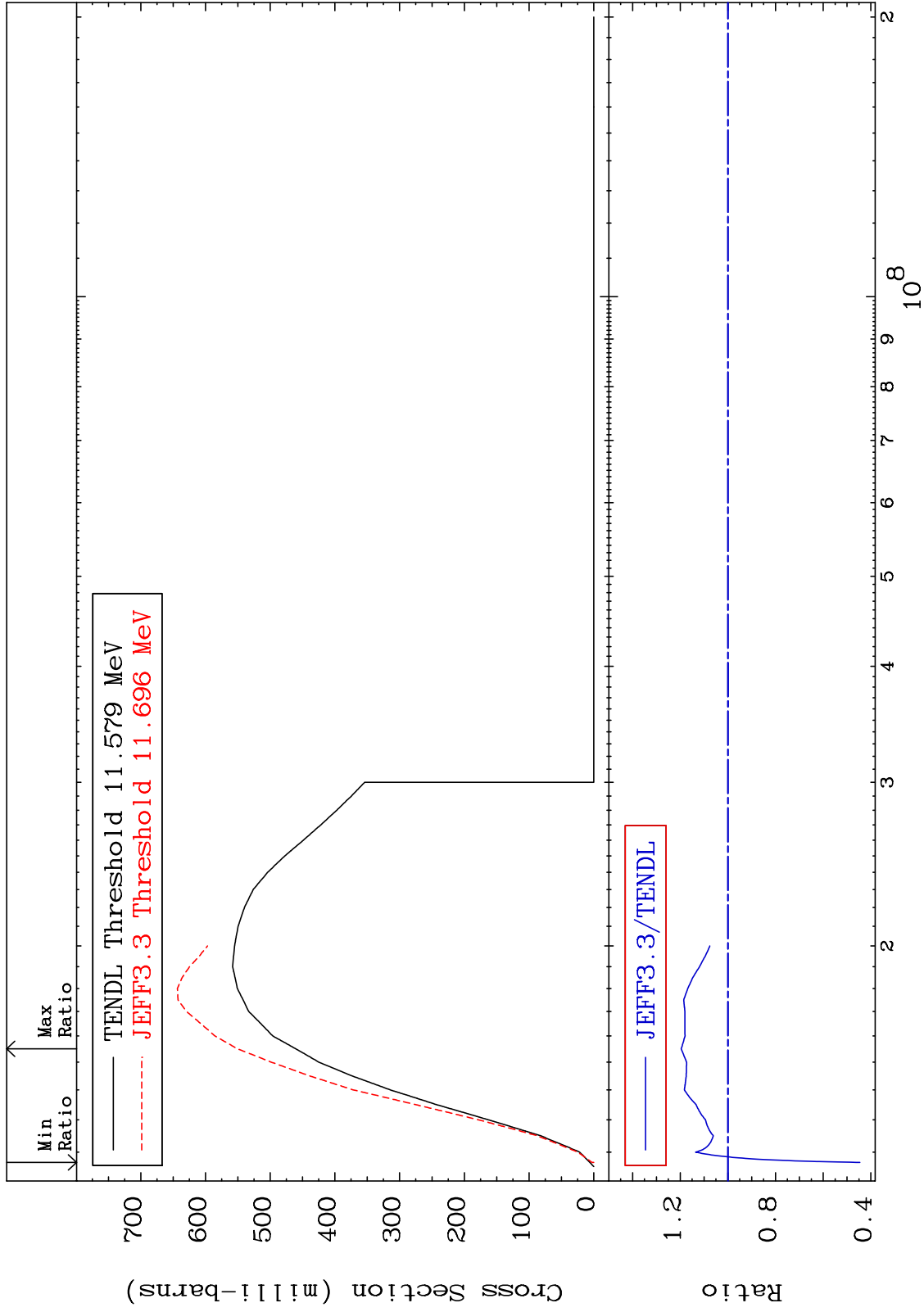
MAT 2831

(n,2n)

28-Ni-60

Cross Section

-55.42 To 19.58 %



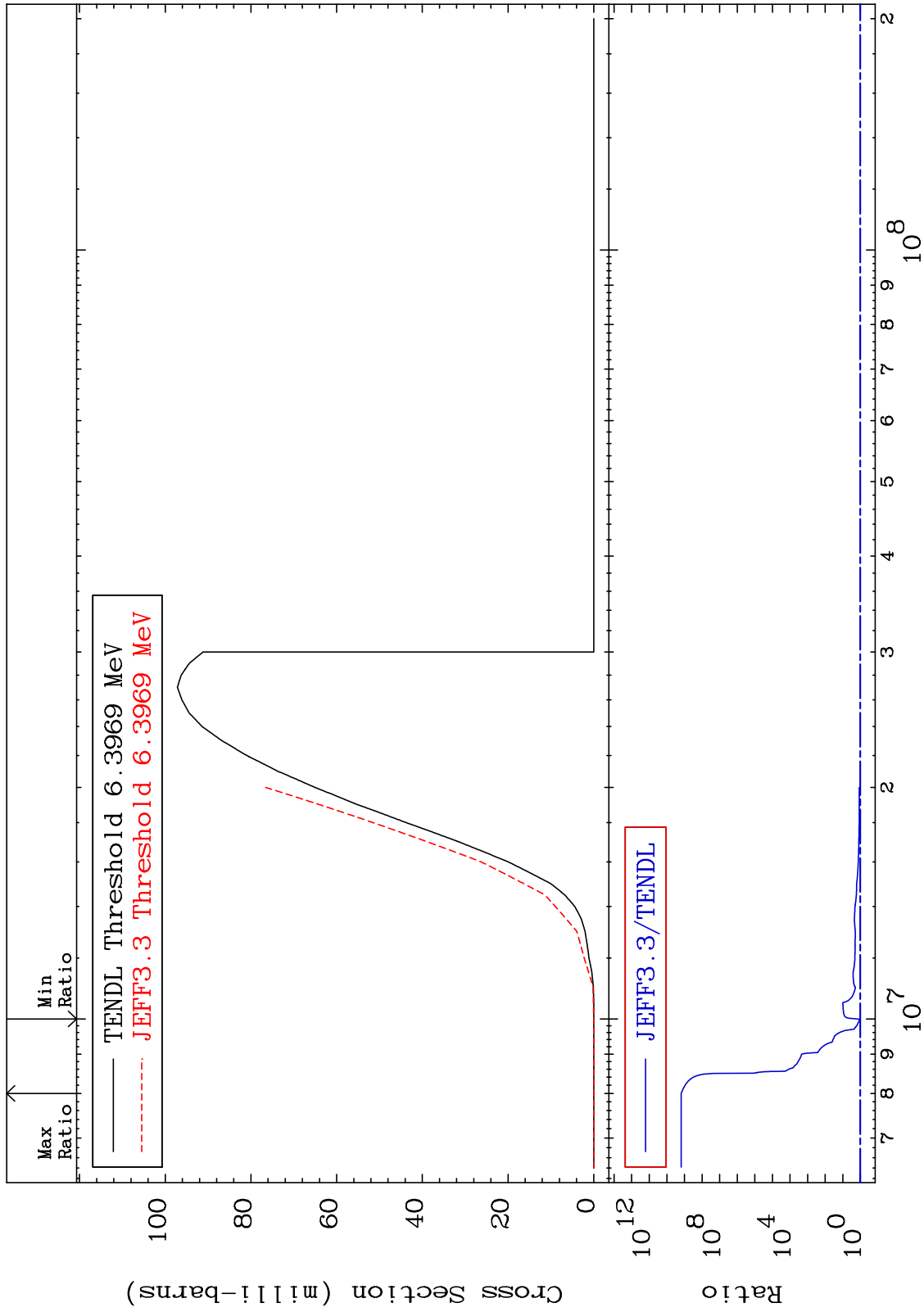
MAT 2831

(n,n') α

28-Ni-60

Cross Section

6.226 To 9999. %



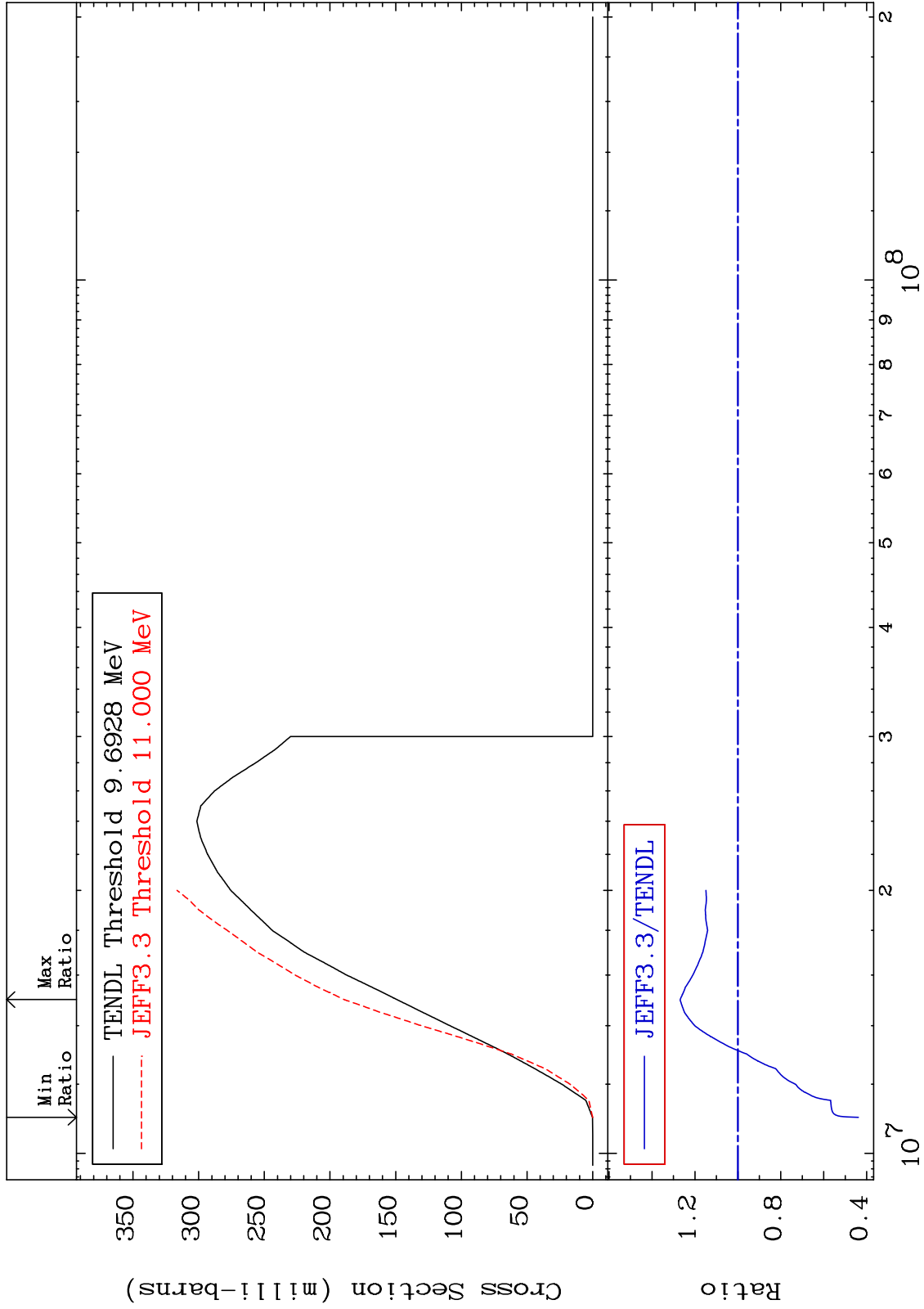
MAT 2831

(n,n') p

28-Ni-60

Cross Section

-56.14 To 26.95 %



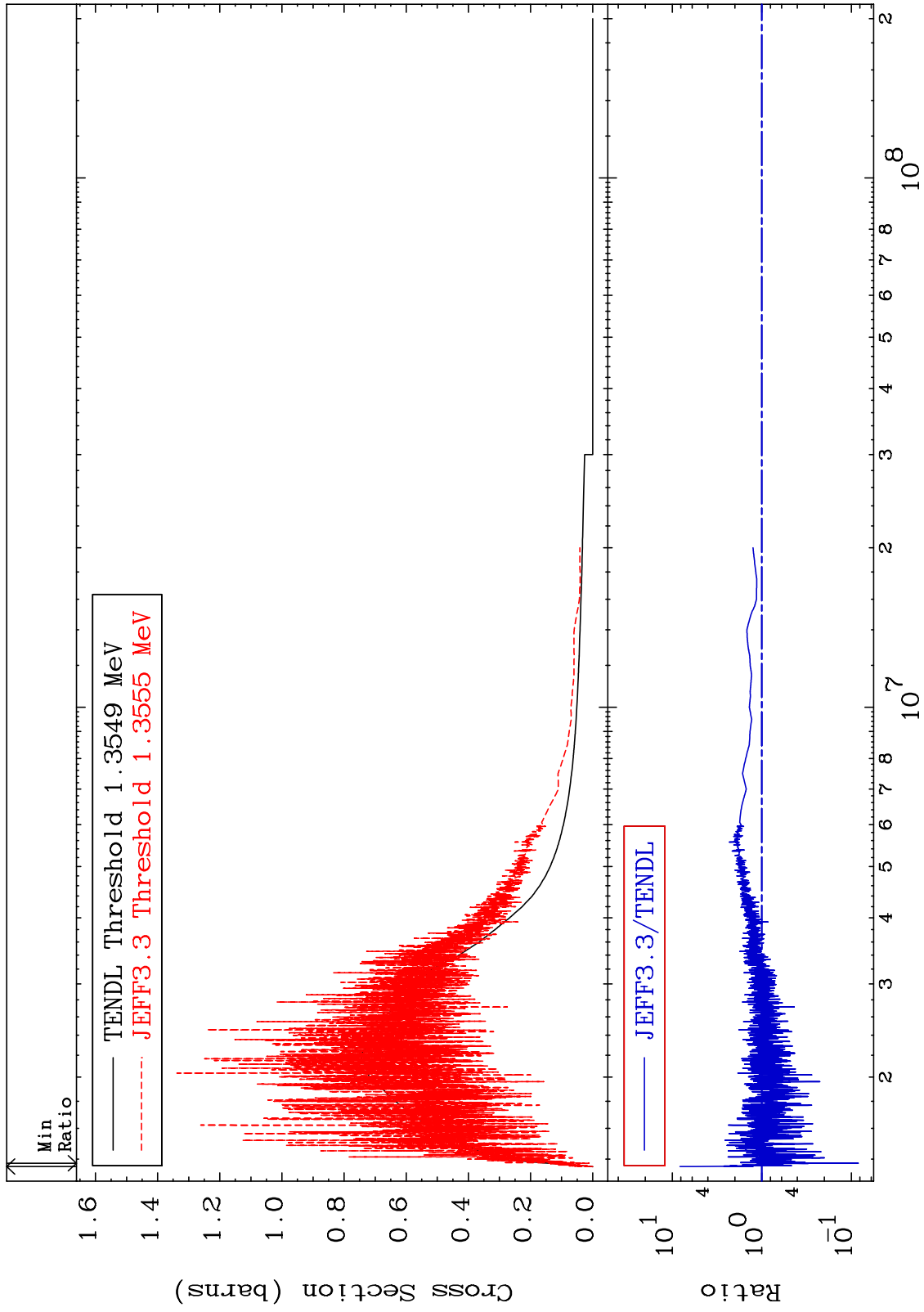
Incident Energy (eV)

28-Ni-60

MAT 2831

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

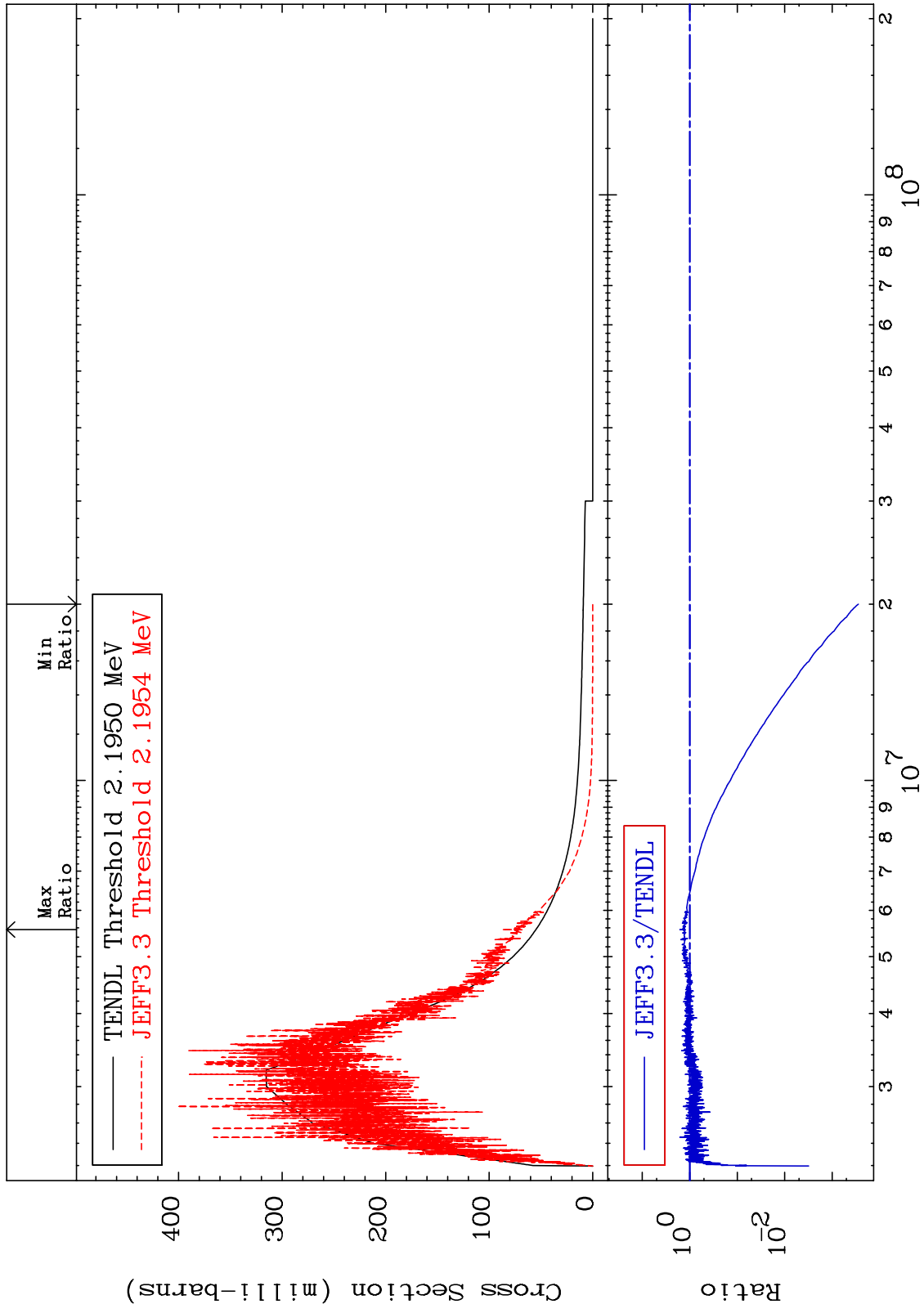
28-Ni-60
-91.67 To 718.6 %



MAT 2831

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

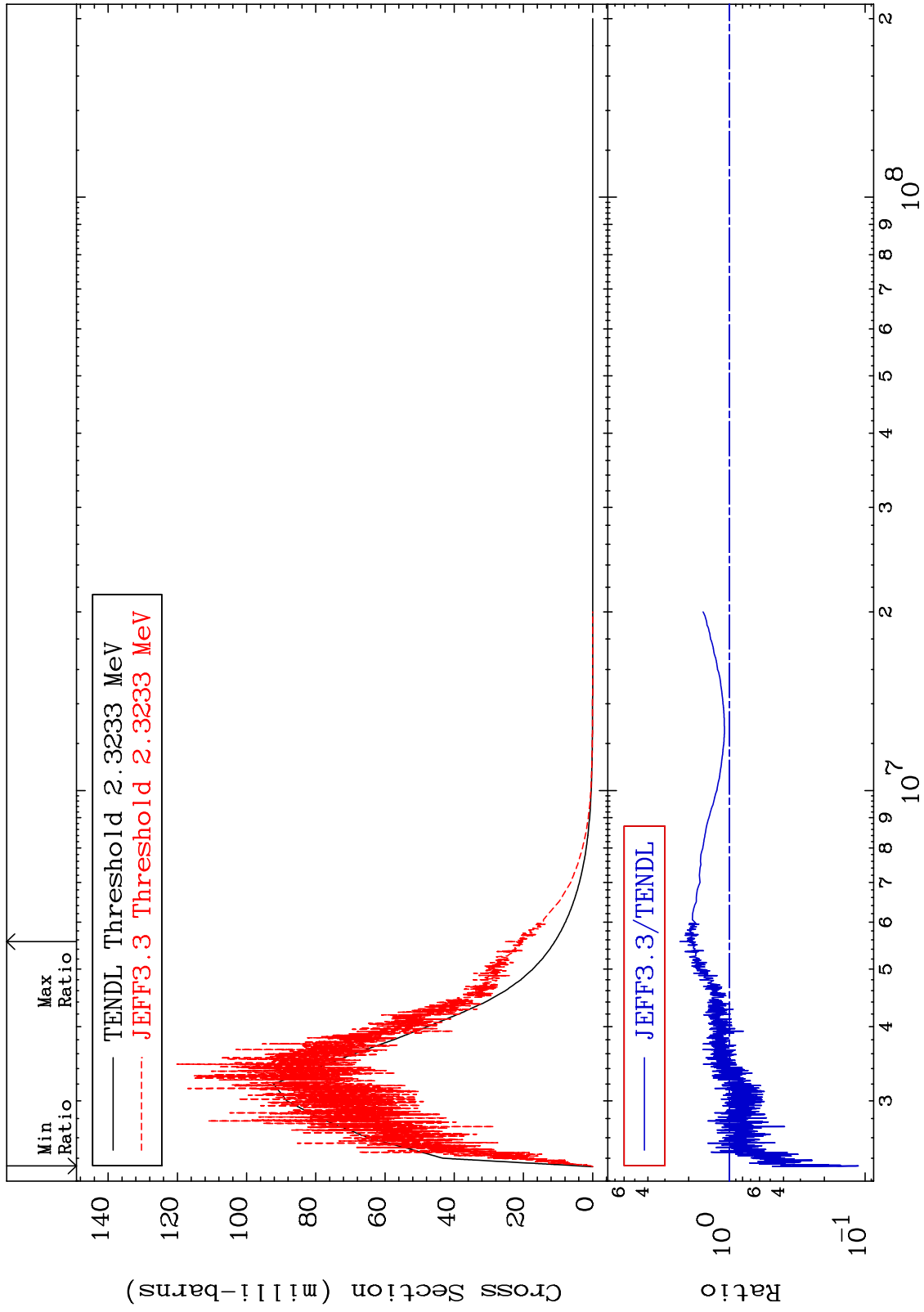
28-Ni-60
-99.97 To 60.23 %



MAT 2831

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

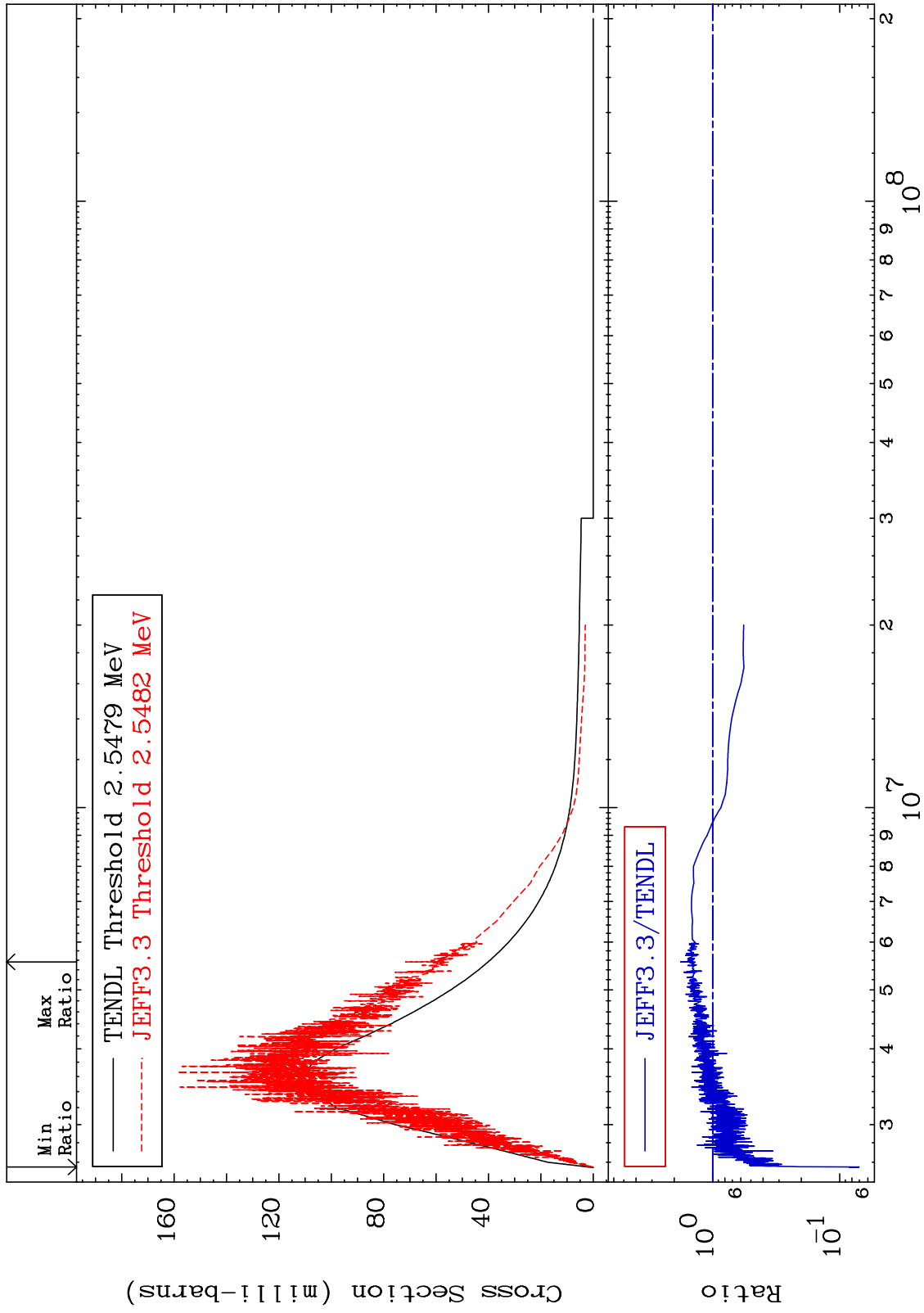
28-Ni-60
-88.81 To 131.9 %



MAT 2831

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

28-Ni-60
-92.98 To 78.35 %



10

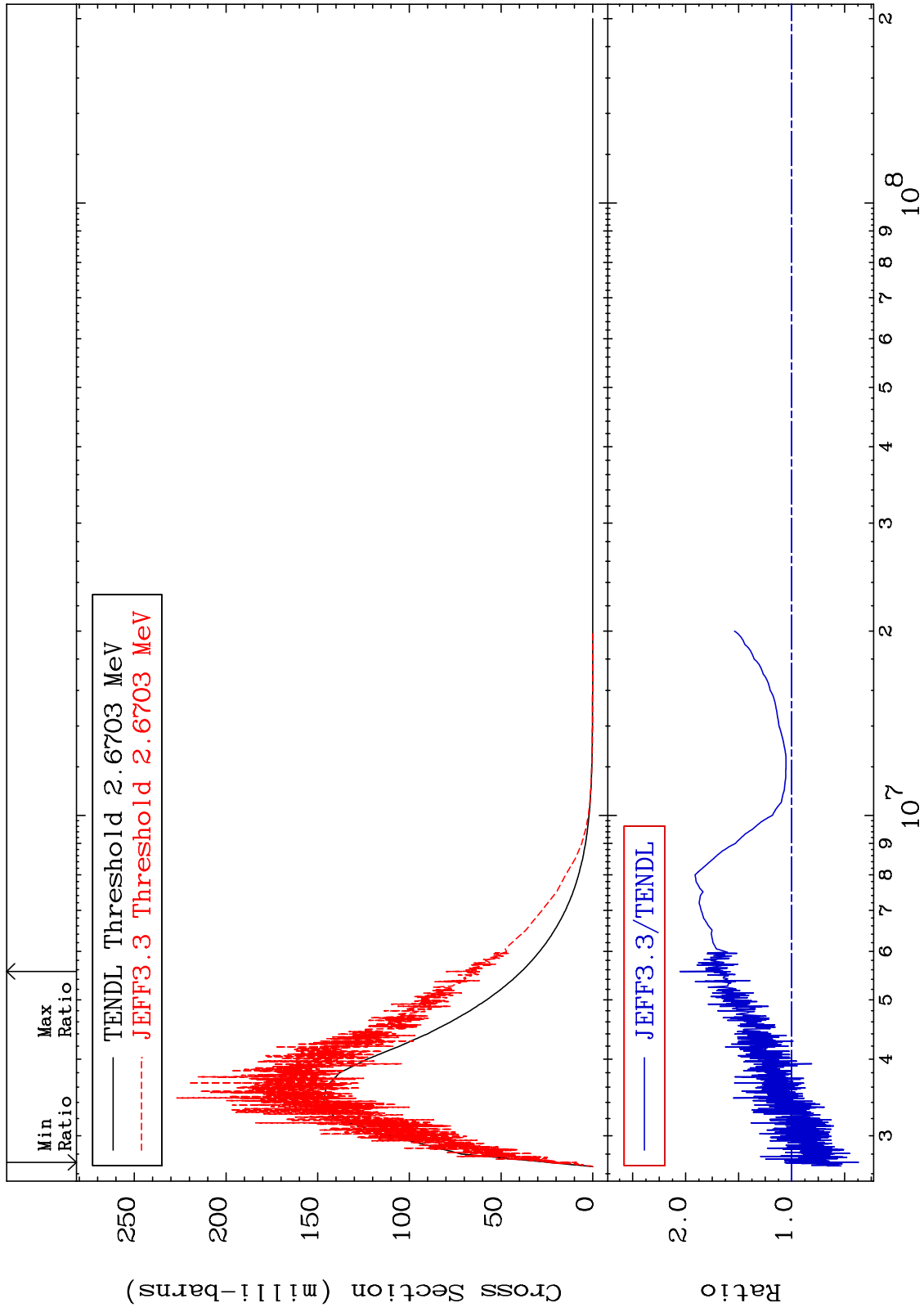
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-62.94 To 105.4 %



11

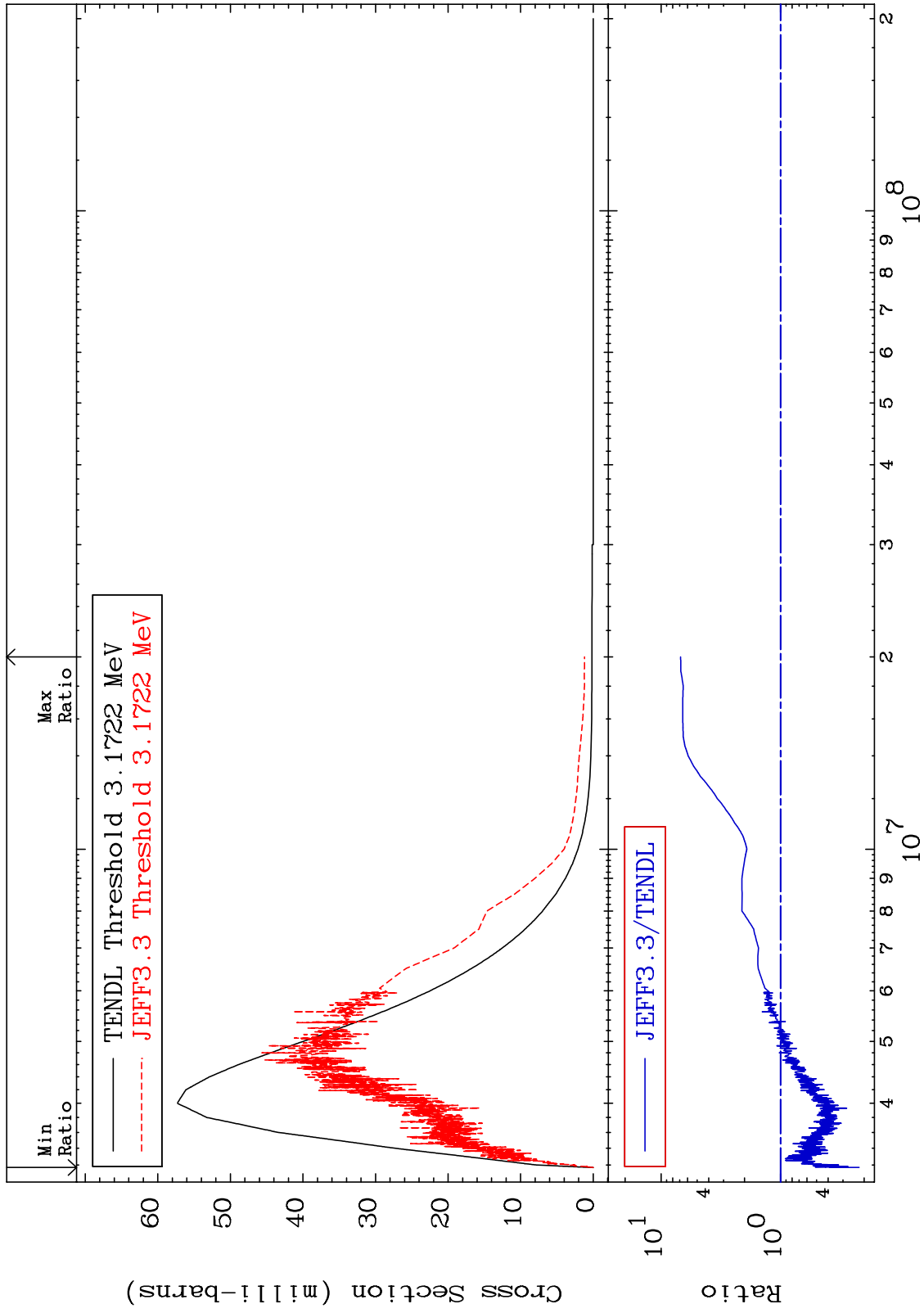
Incident Energy (eV)

28-Ni-60

MAT 2831

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

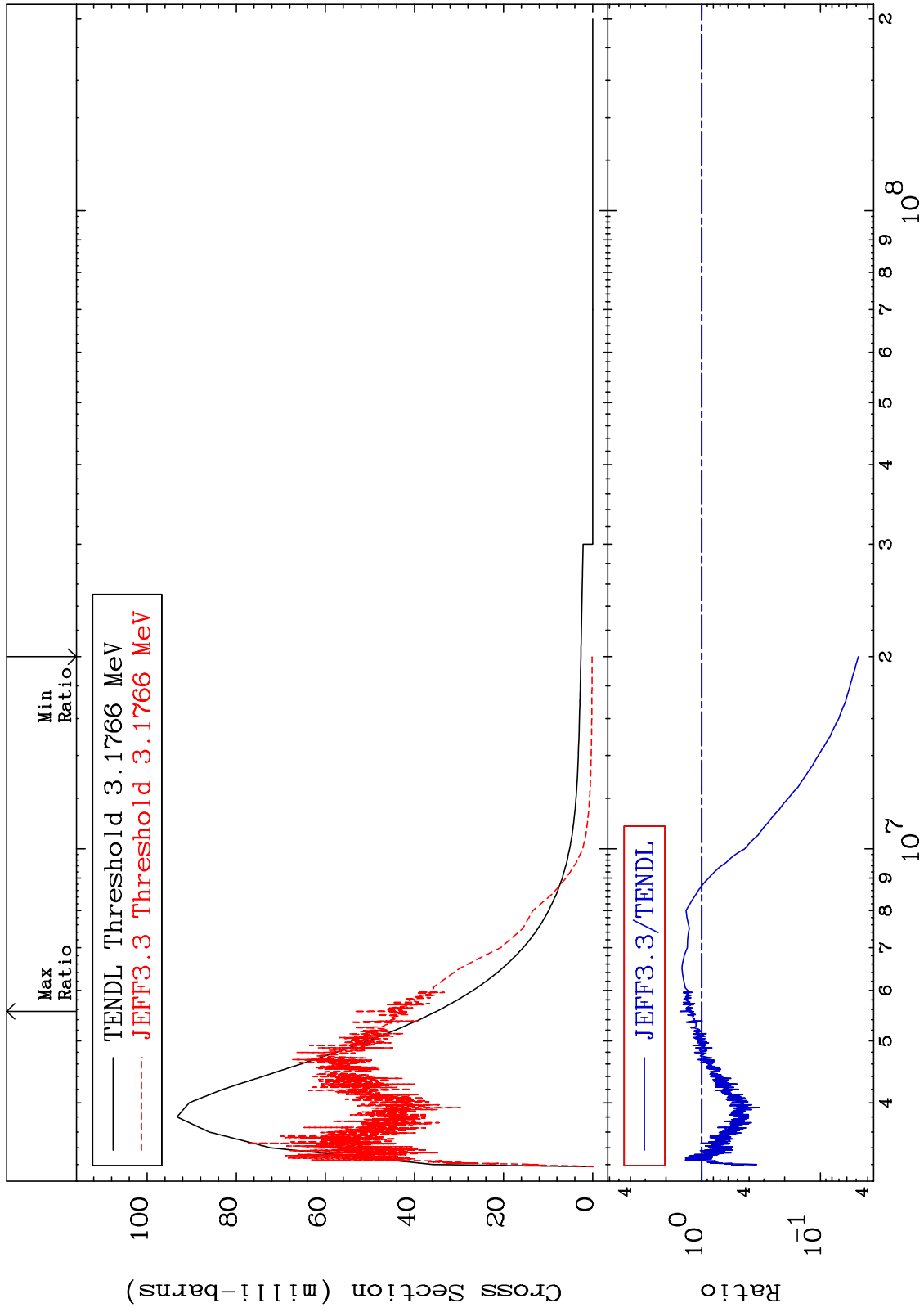
28-Ni-60
-78.03 To 586.1 %



MAT 2831

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

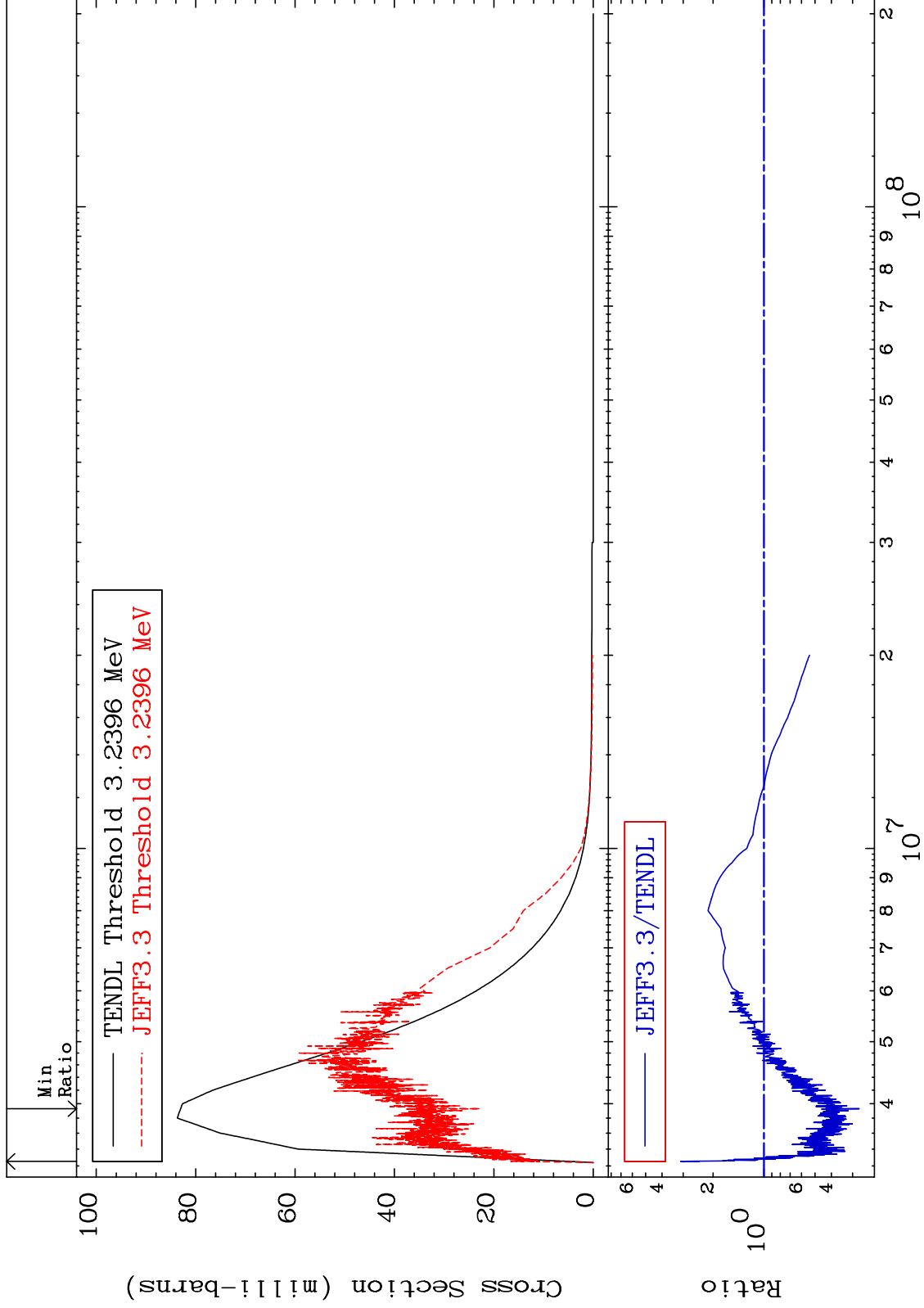
28-Ni-60
-95.21 To 52.57 %



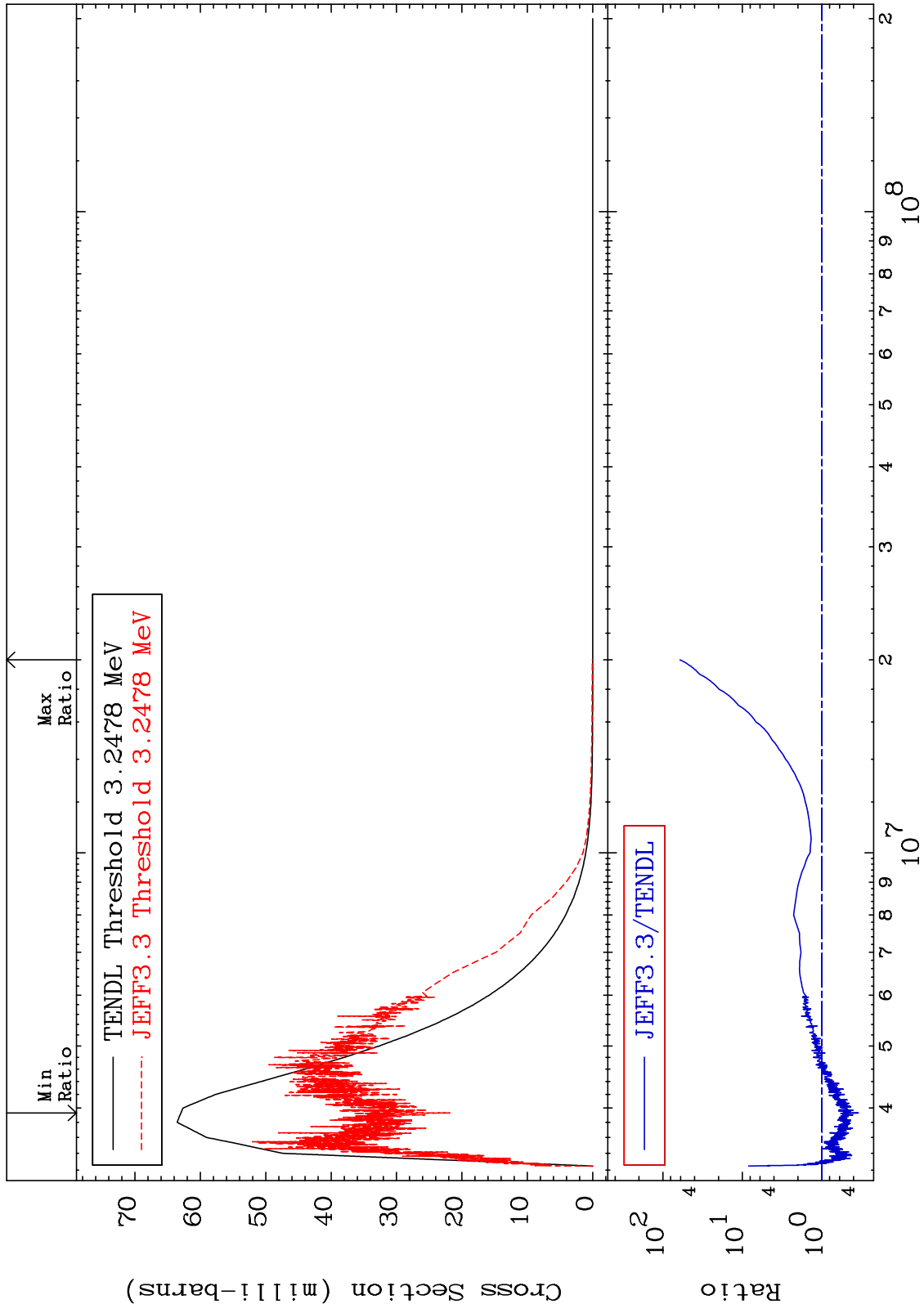
MAT 2831

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

28-Ni-60
-72.58 To 210.7 %



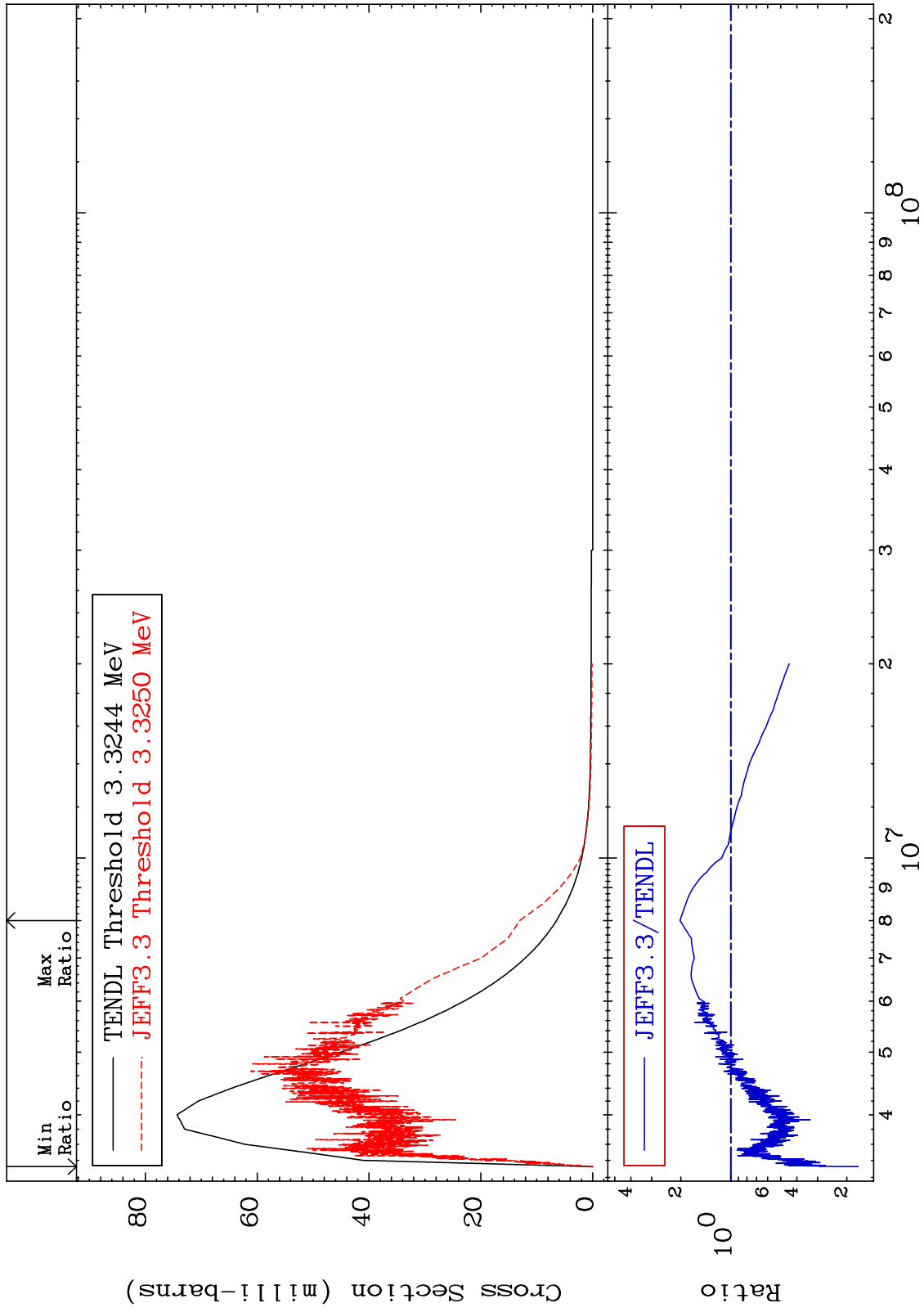
MAT 2831 MT= 59 (n,n') Level 28-Ni-60
 Cross Section -65.28 To 5997. %



MAT 2831

MT= 60 (n,n') Level
Cross Section

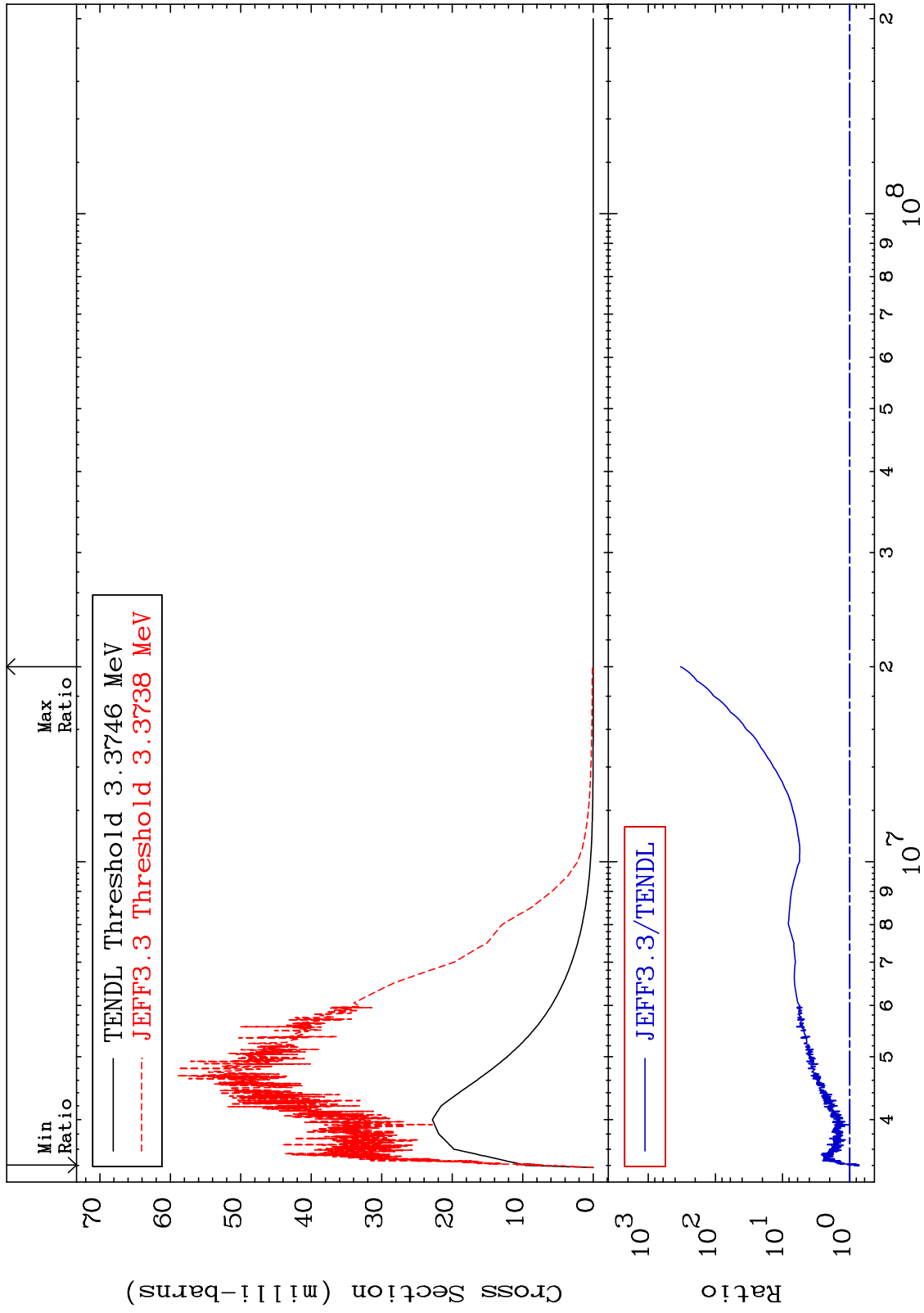
28-Ni-60
-82.99 To 102.1 %



MAT 2831

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

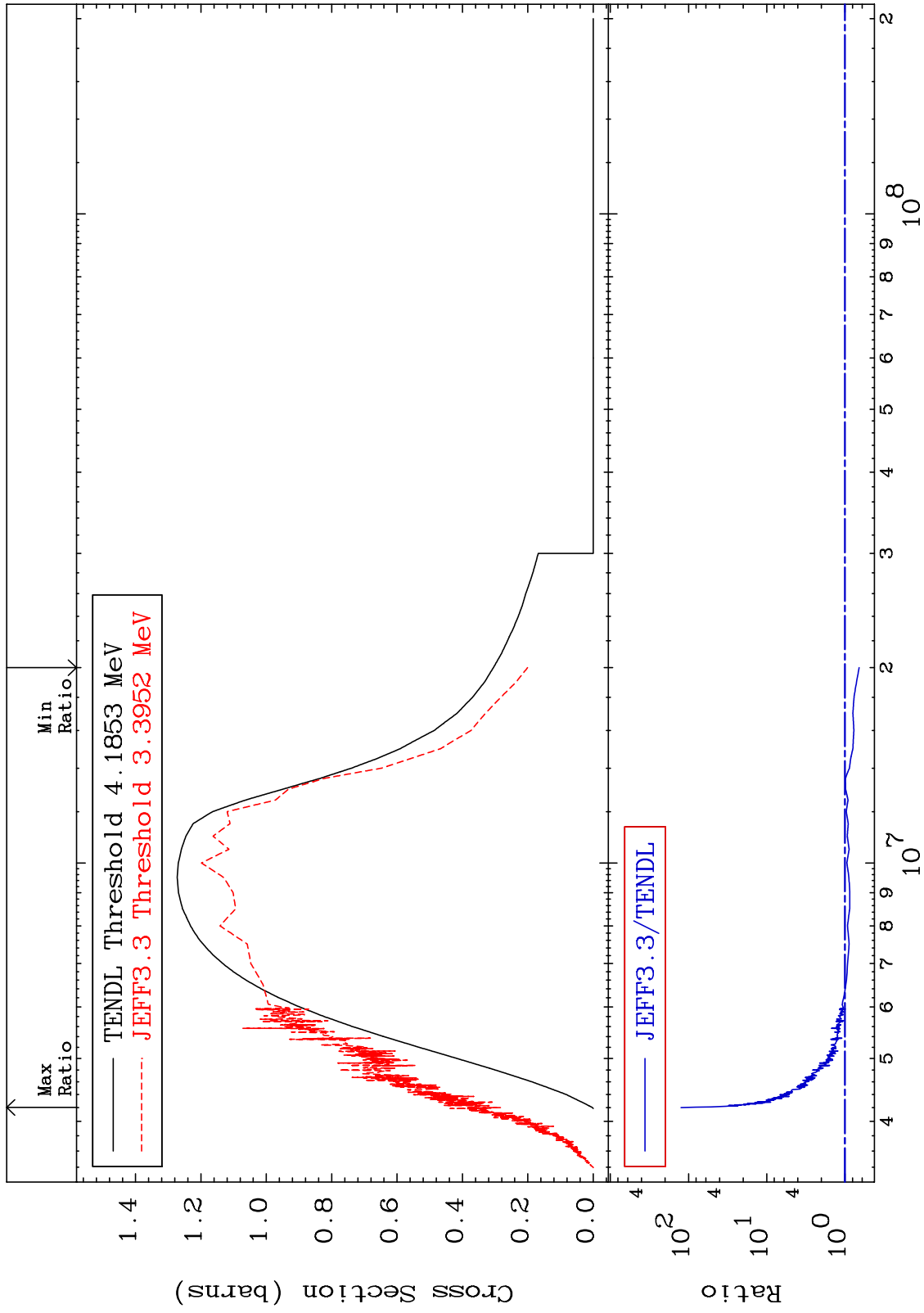
28-Ni-60
-27.54 To 9999. %



MAT 2831

(n, n') Continuum
Cross Section

28-Ni-60
-34.25 To 9999. %



18

Incident Energy (eV)

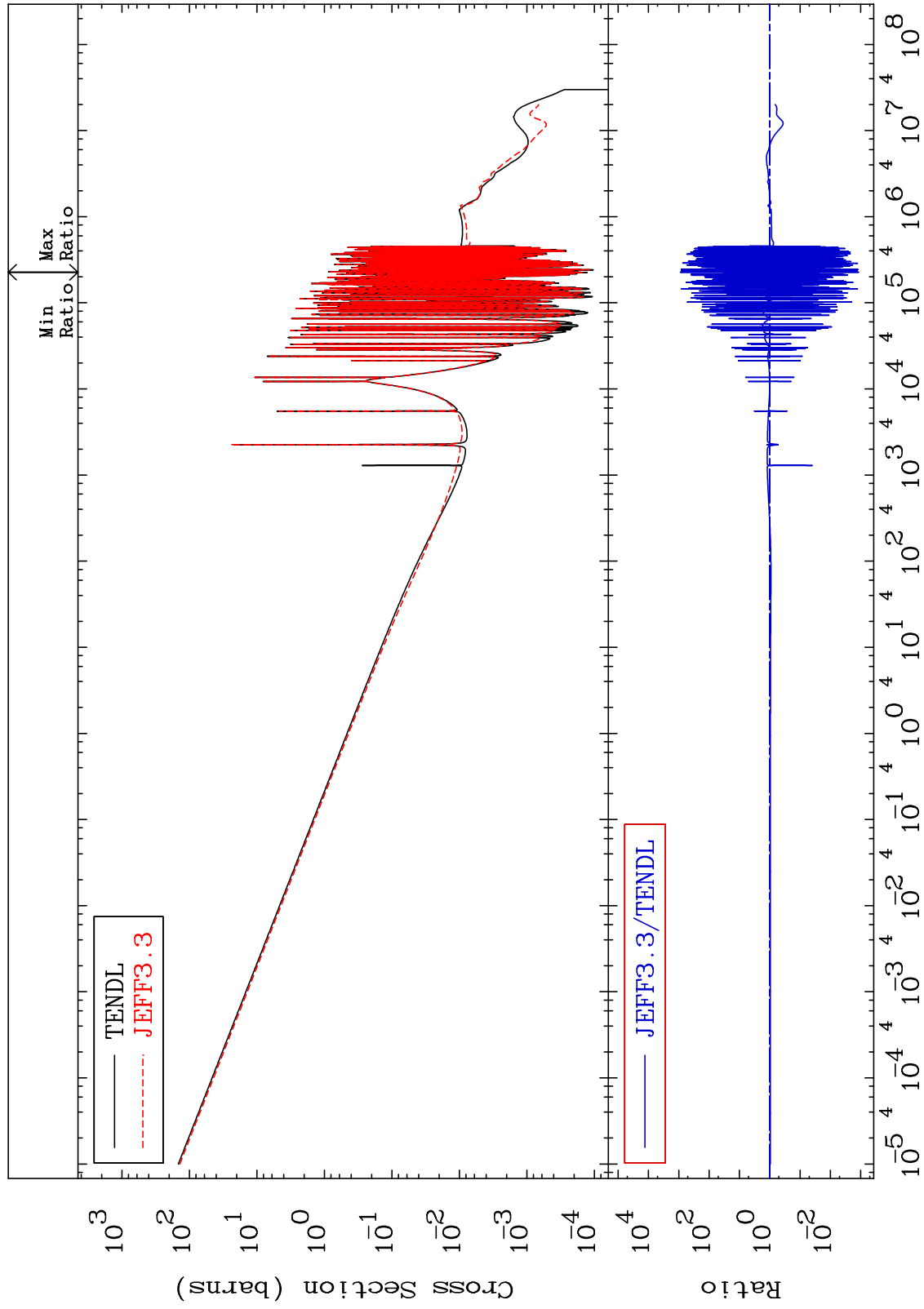
28-Ni-60

MAT 2831

(n, γ)
Cross Section

28-Ni-60

-99.88 To 9999. %



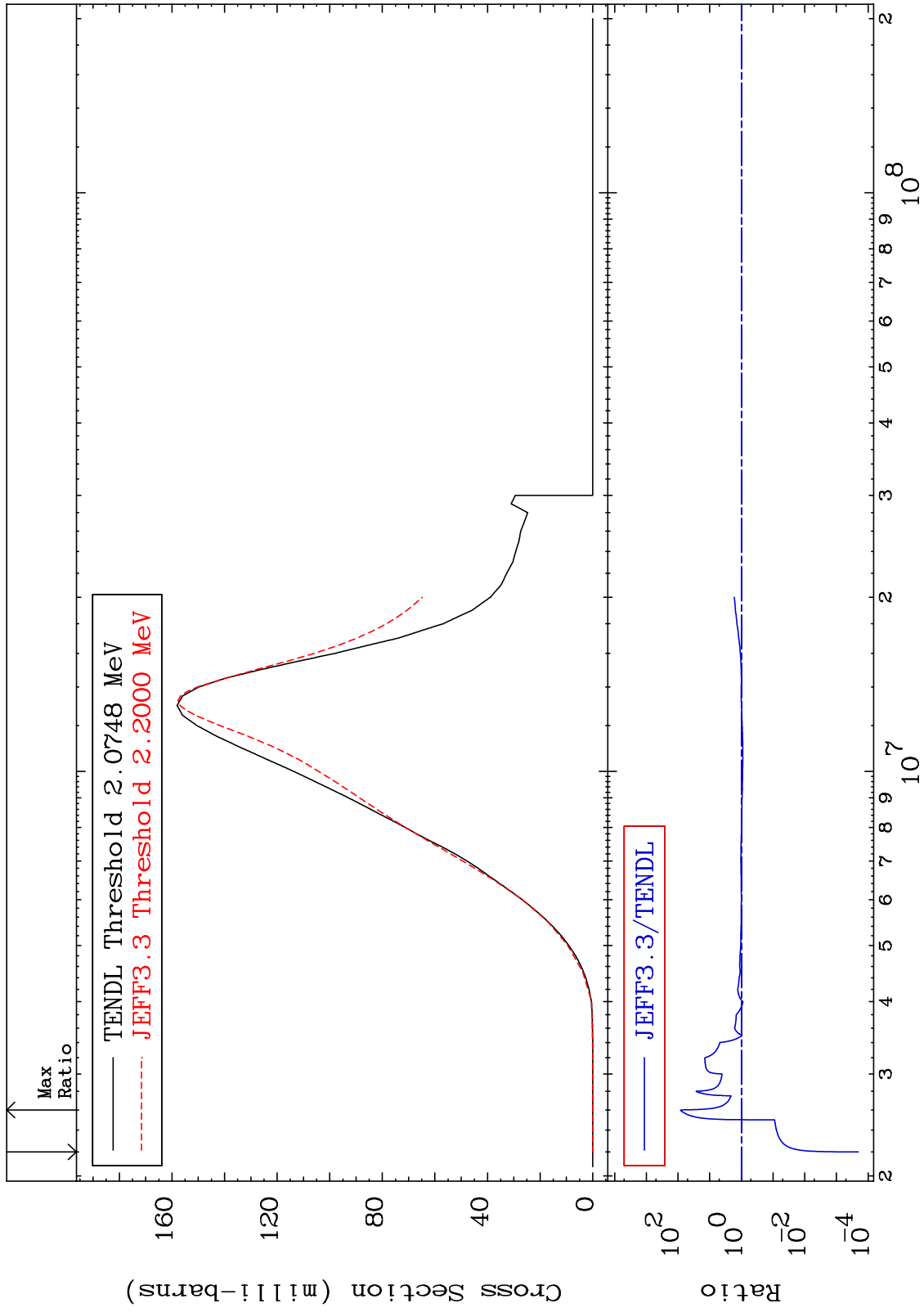
MAT 2831

(n,p)

28-Ni-60

Cross Section

-99.98 To 8543. %



20

Incident Energy (eV)

28-Ni-60

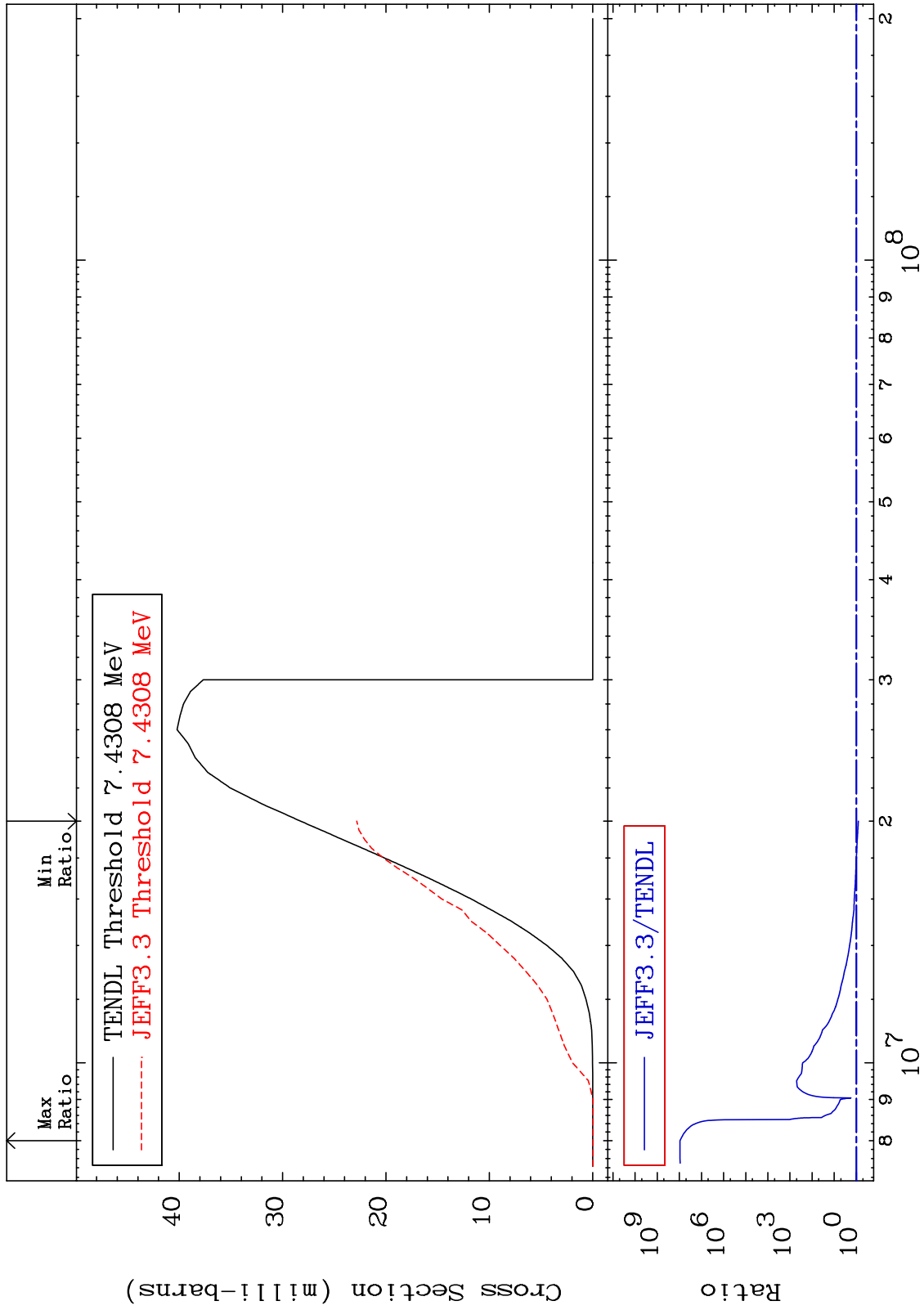
MAT 2831

(n,d)

28-Ni-60

Cross Section

-19.24 To 9999. %



21

Incident Energy (eV)

28-Ni-60

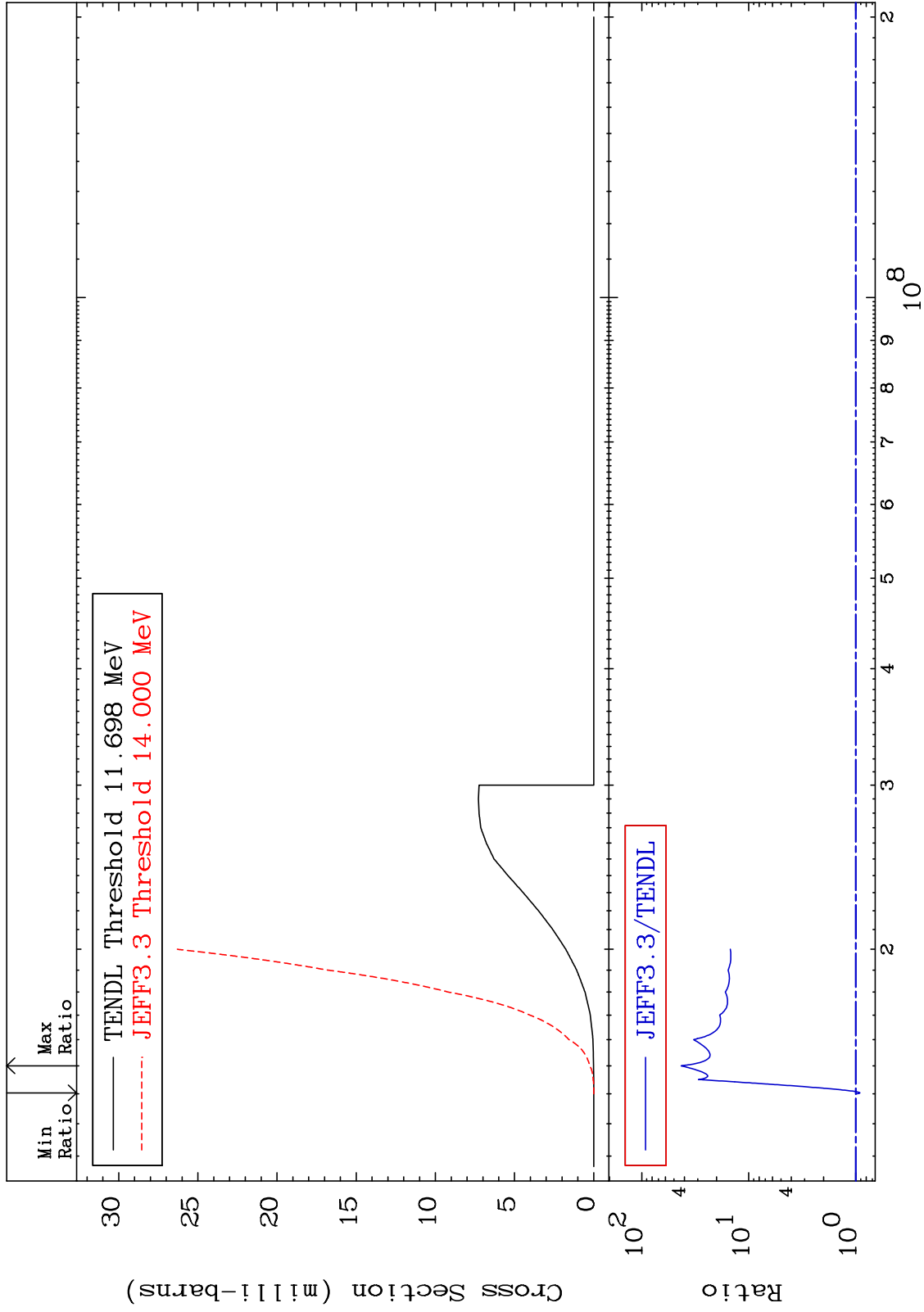
MAT 2831

(n, t)

28-Ni-60

Cross Section

-8.586 To 4177. %



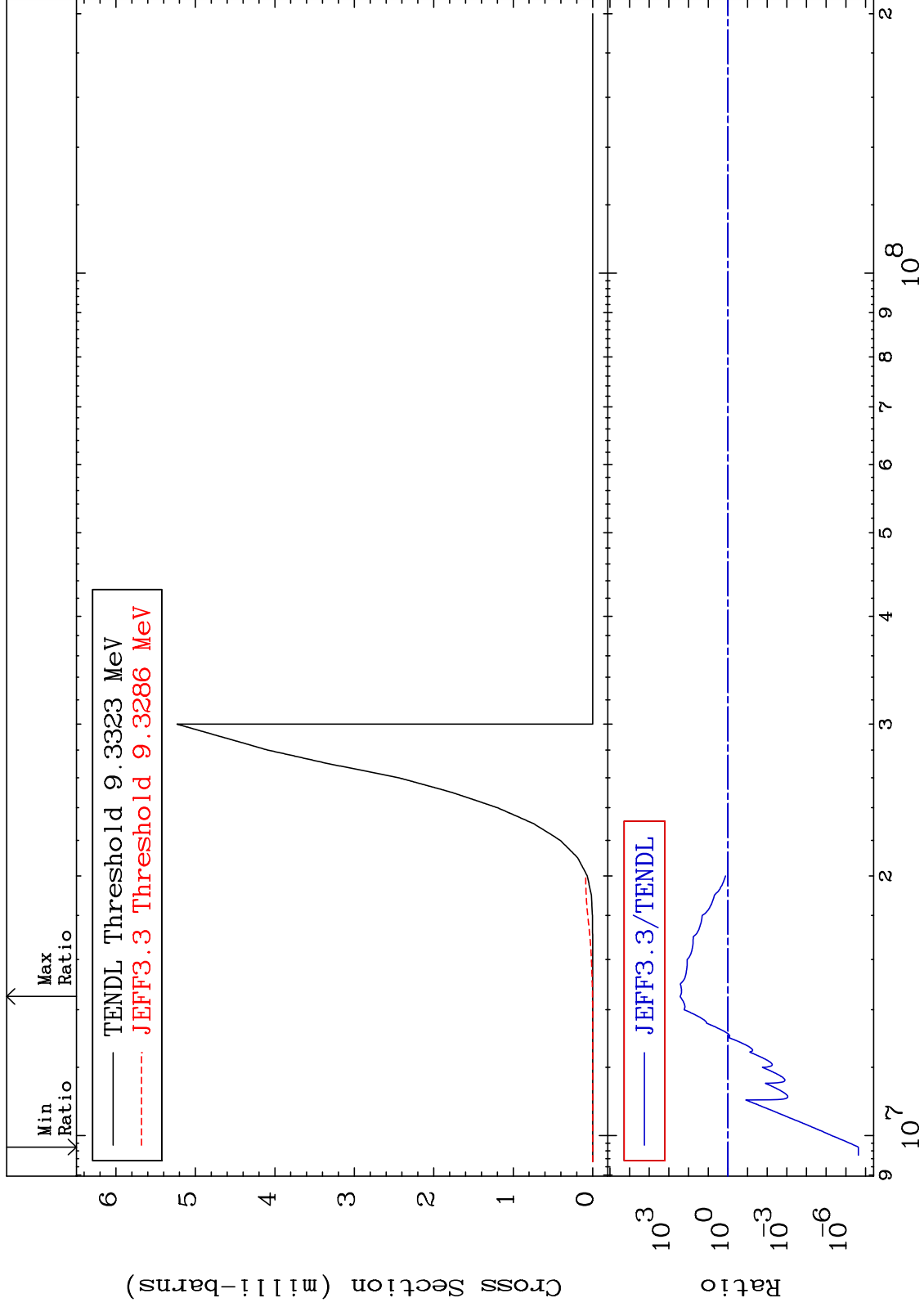
MAT 2831

(n, He-3)

28-Ni-60

Cross Section

-100.0 To 9999. %



23

Incident Energy (eV)

28-Ni-60

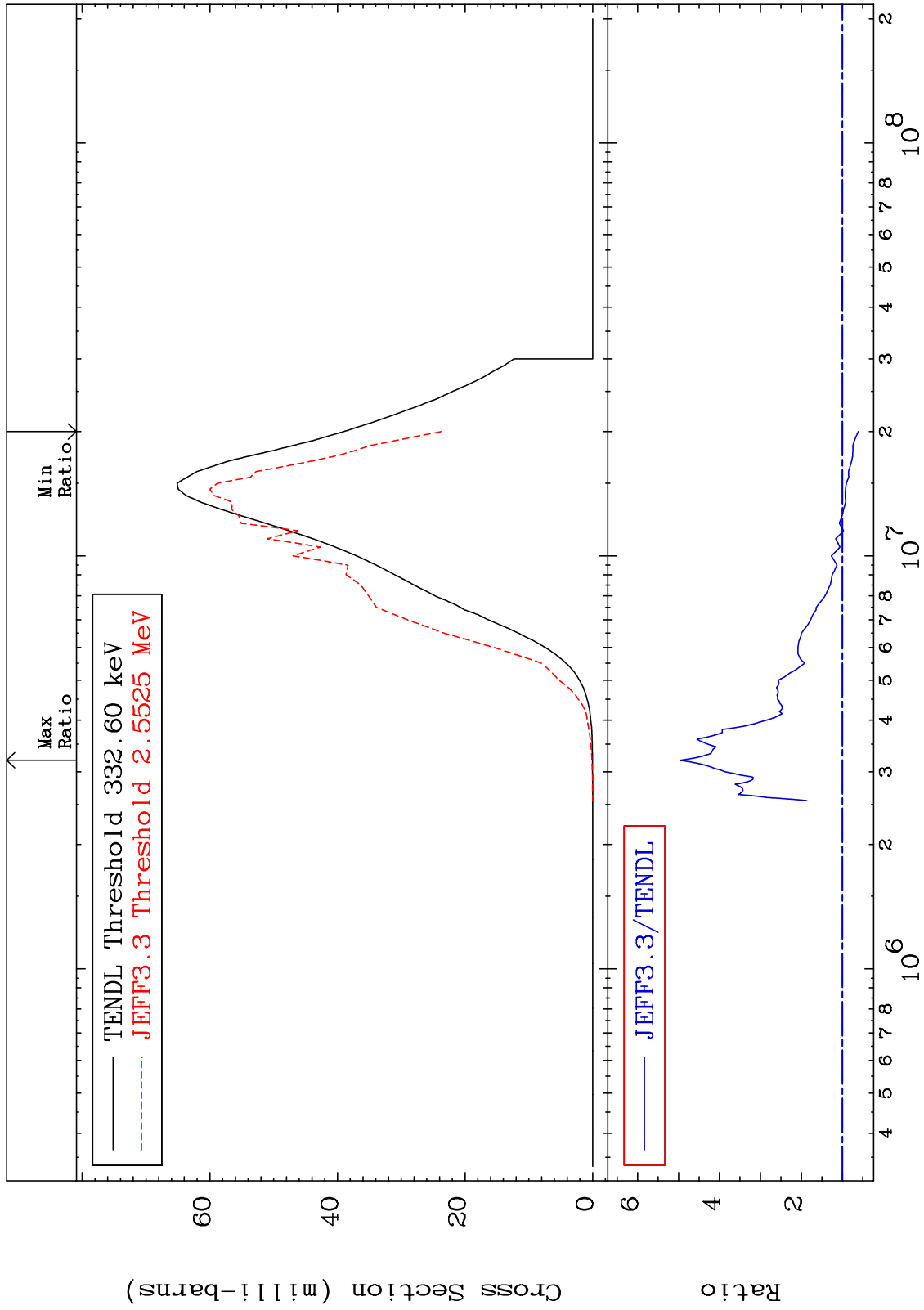
MAT 2831

(n, α)

28-Ni-60

Cross Section

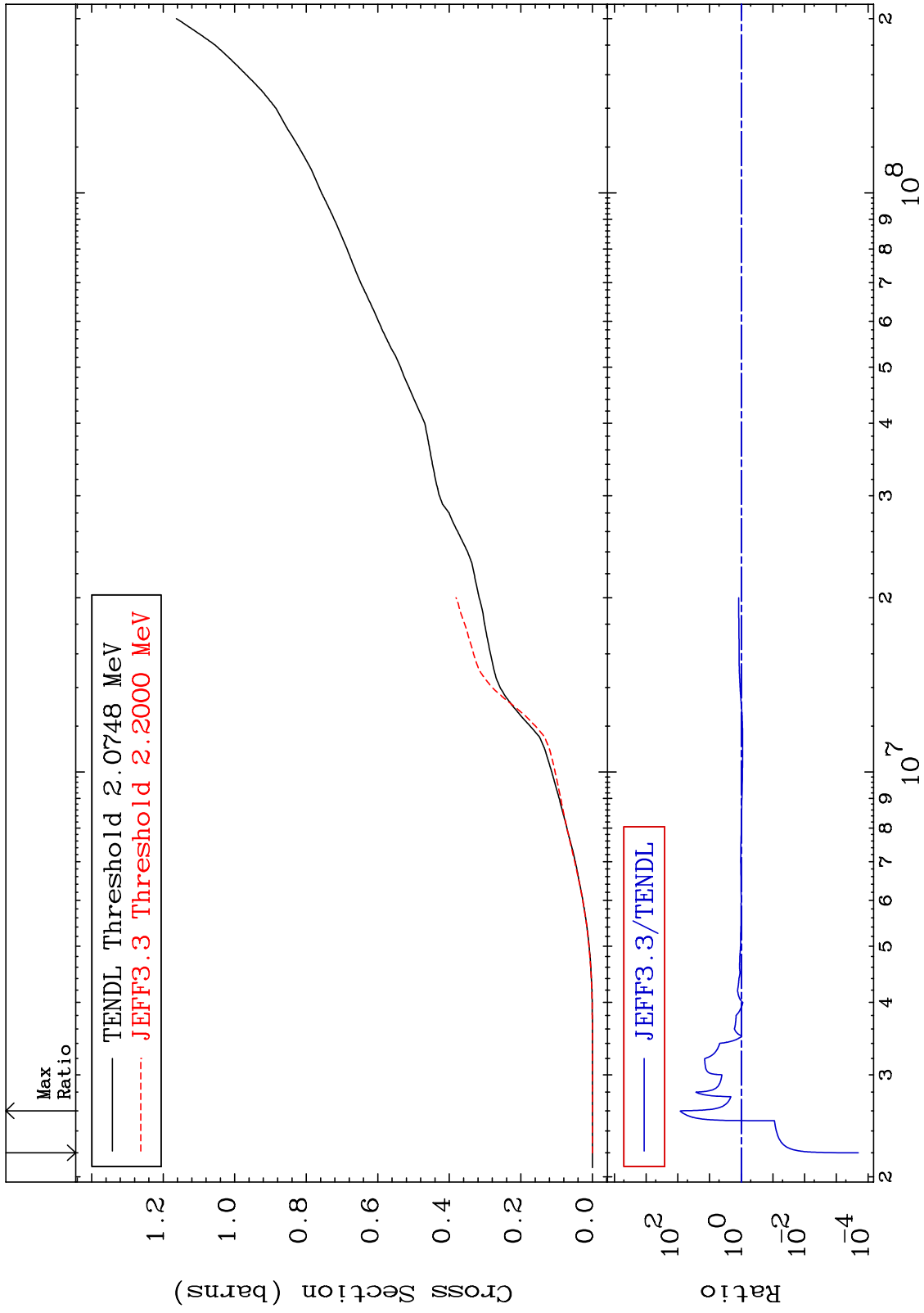
-39.24 To 396.5 %



MAT 2831

Hydrogen Production
Cross Section

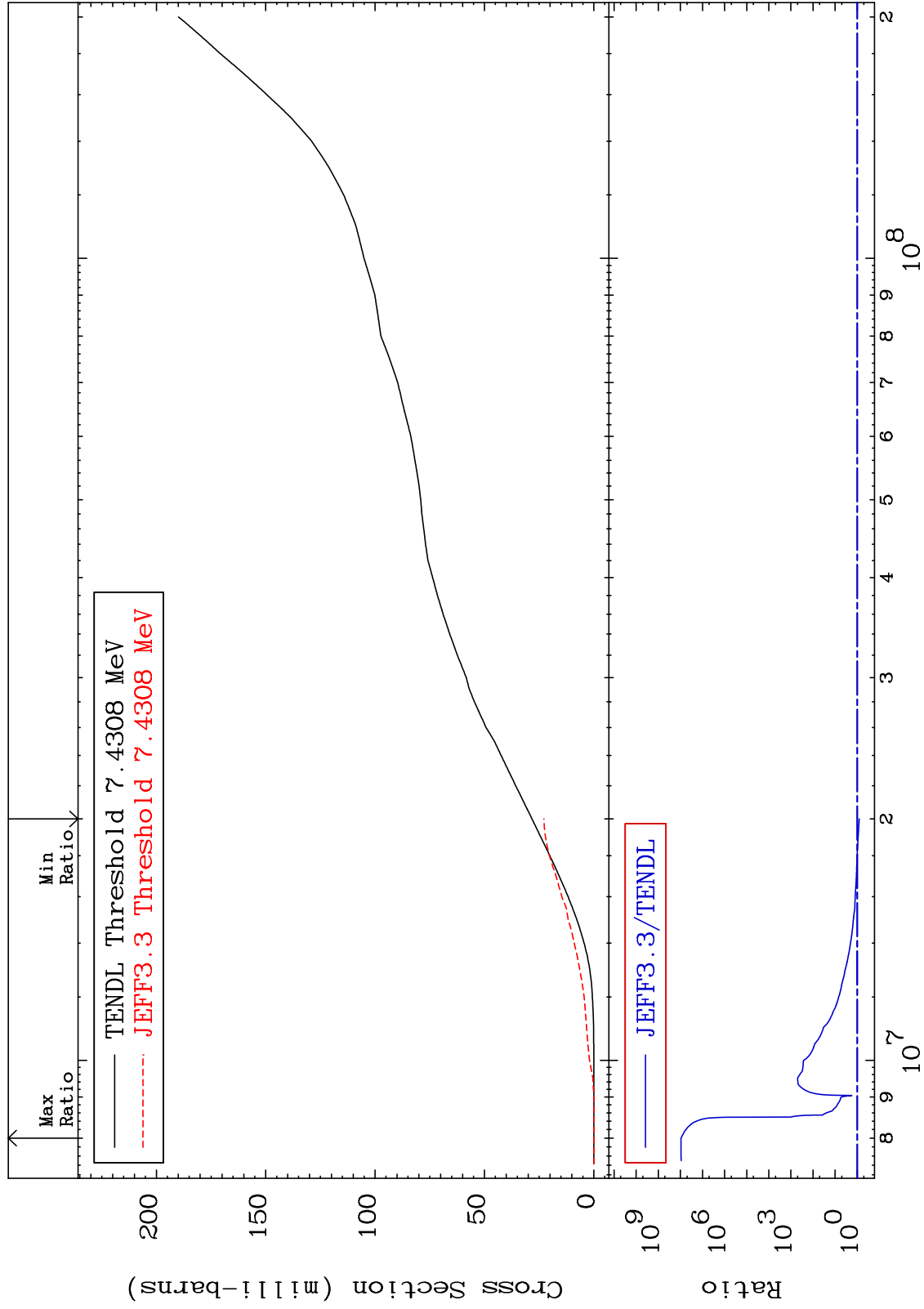
28-Ni-60
-99.98 To 8543. %



MAT 2831

Deuterium Production
Cross Section

28-Ni-60
-19.28 To 9999. %



26

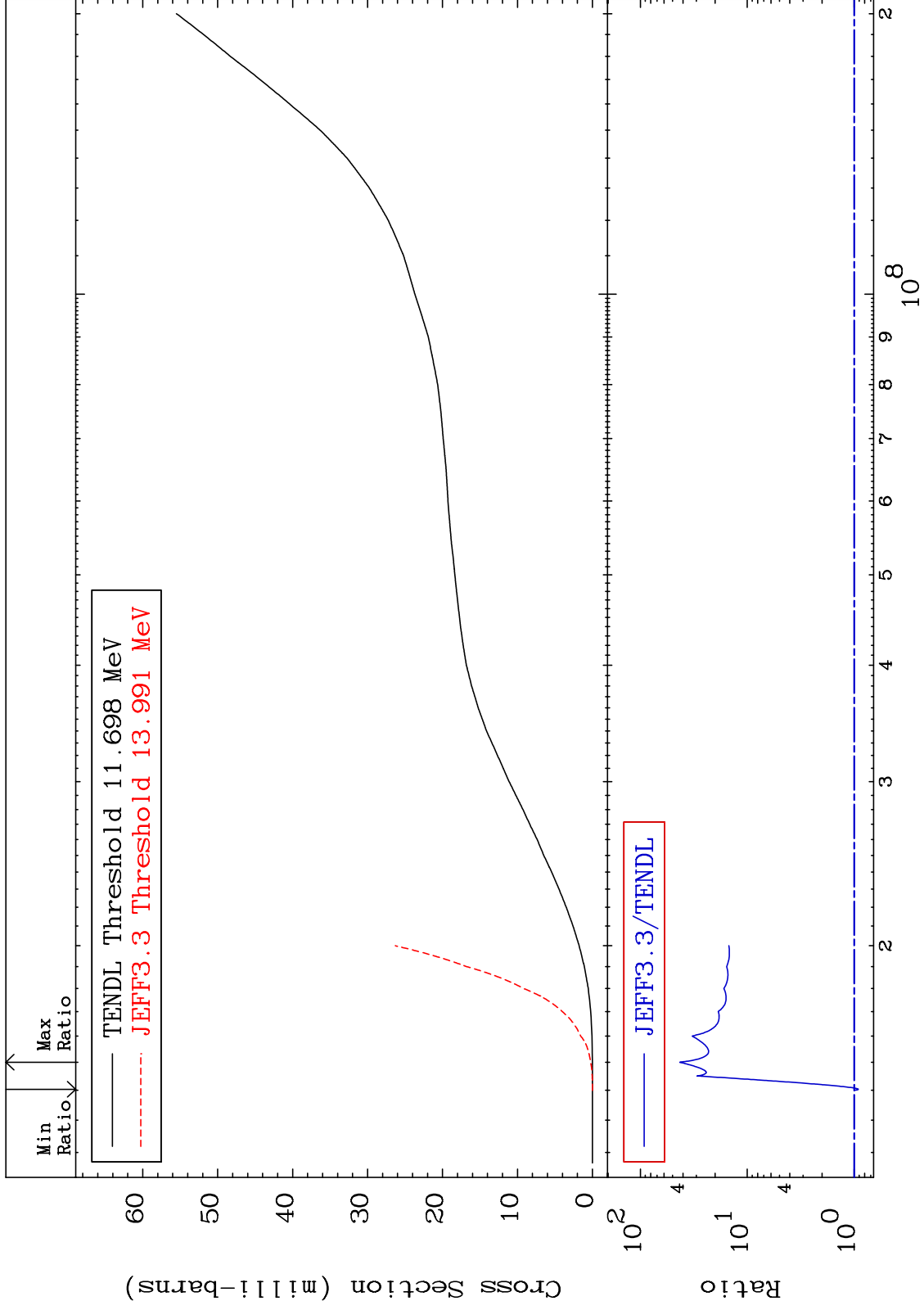
Incident Energy (eV)

28-Ni-60

MAT 2831

Tritium Production
Cross Section

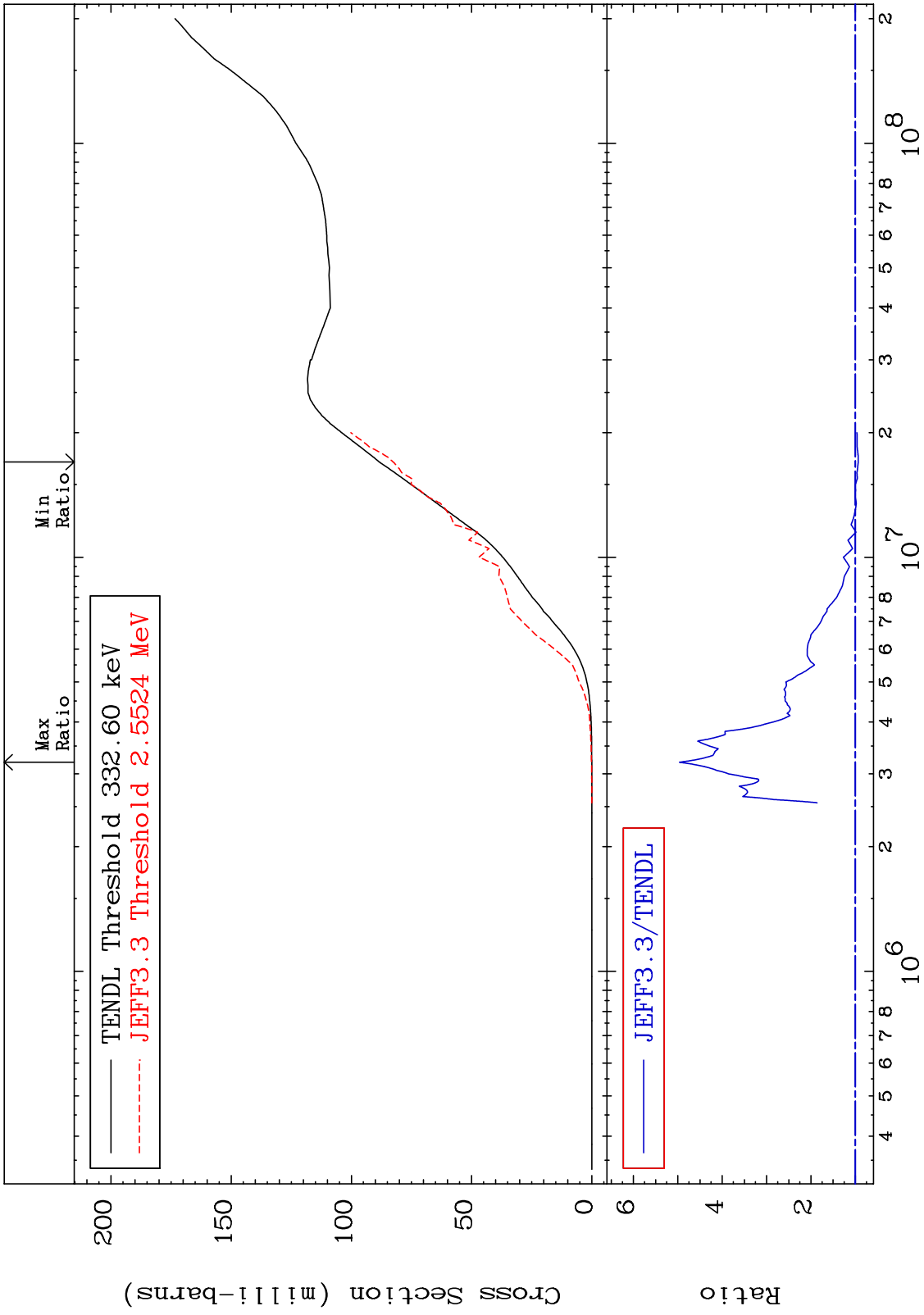
²⁸Ni-60
-8.586 To 4177. %



MAT 2831

He-4 Production
Cross Section

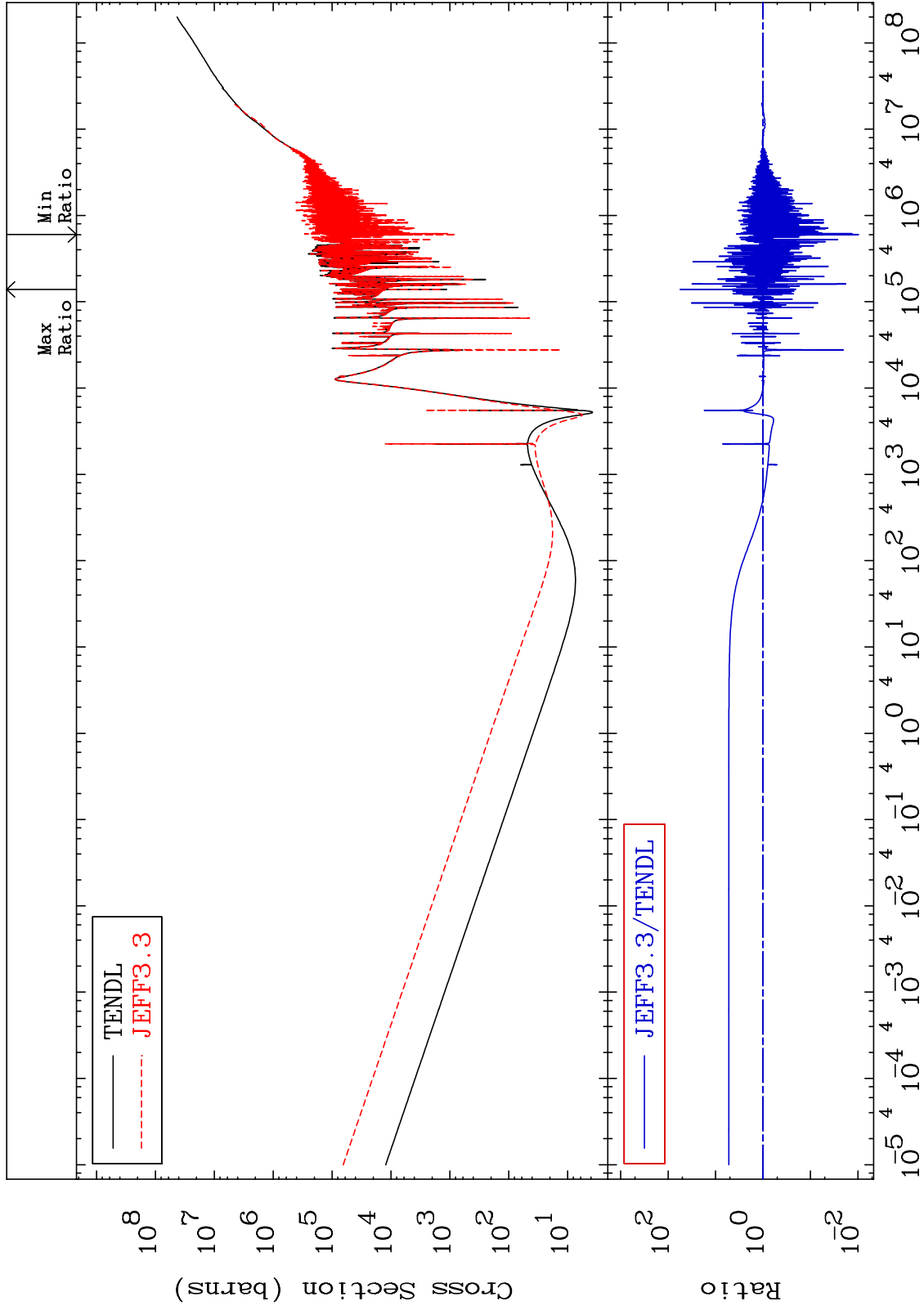
28-Ni-60
-6.568 To 396.5 %



MAT 2831

Kerma total (eV-barns)
Cross Section

28-Ni-60
-99.03 To 5513. %



30

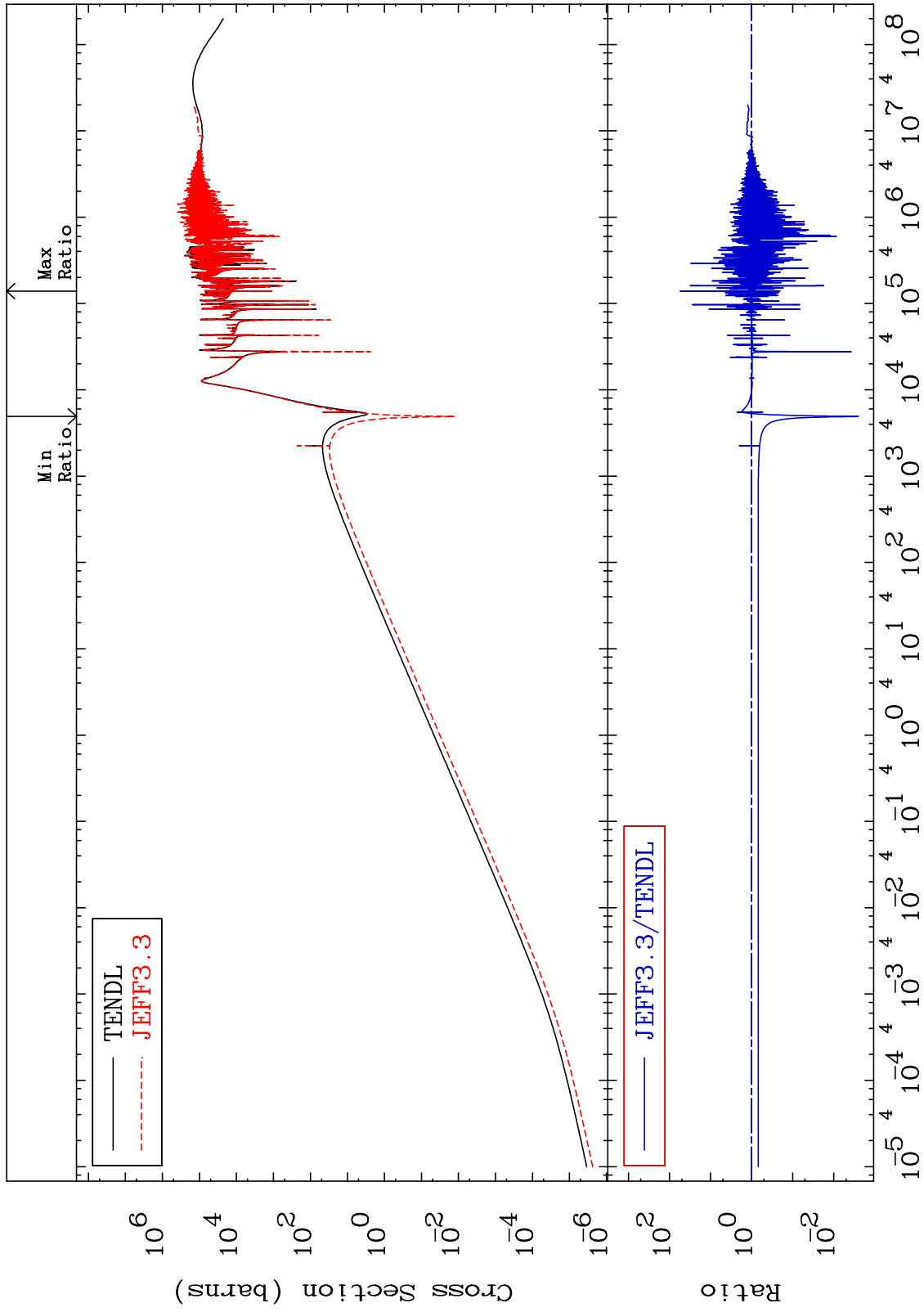
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma elastic
Cross Section

28-Ni-60
-99.75 To 5429. %



31

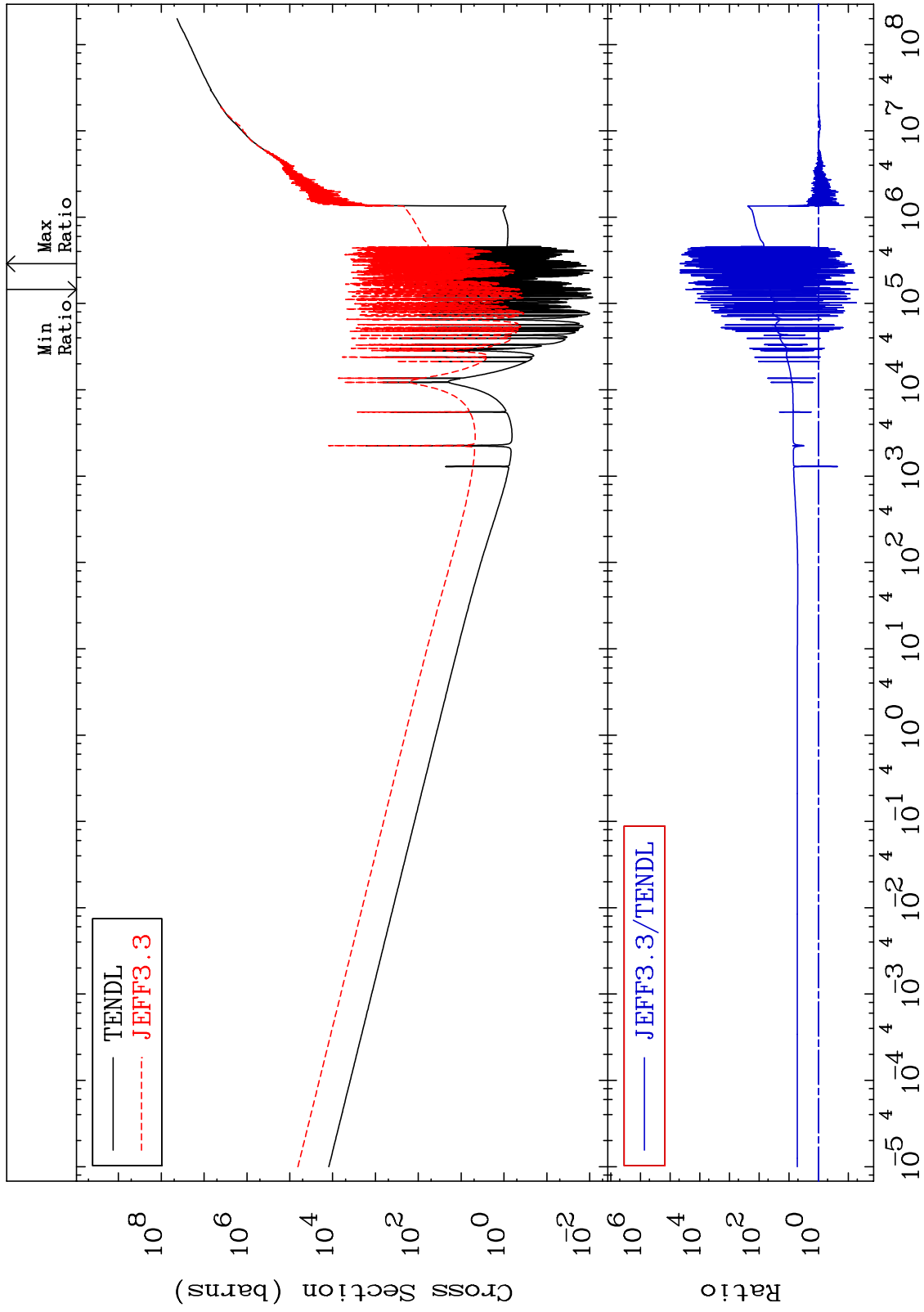
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-60
-95.42 To 9999. %



32

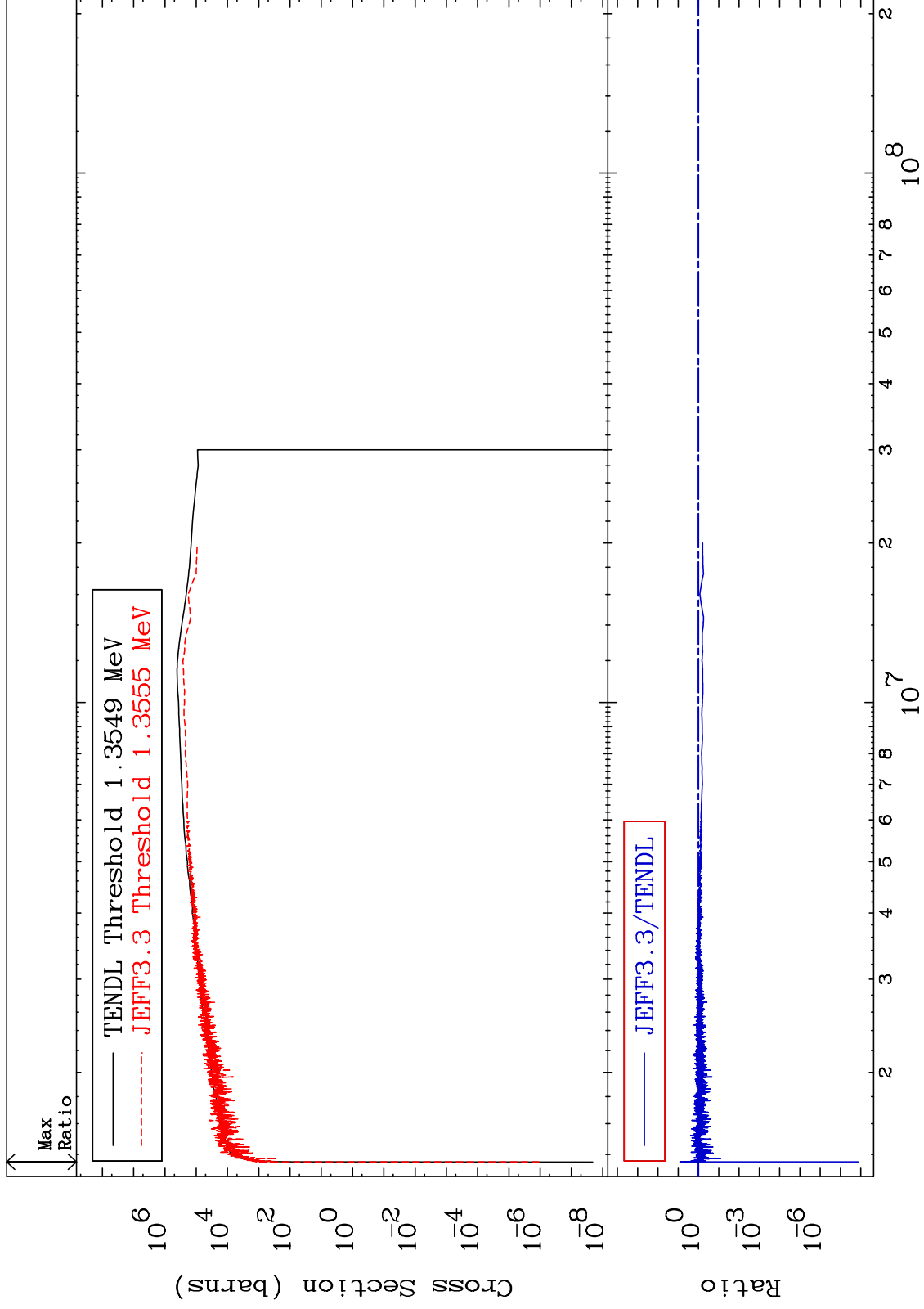
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma inelastic (mt51-91)
Cross Section

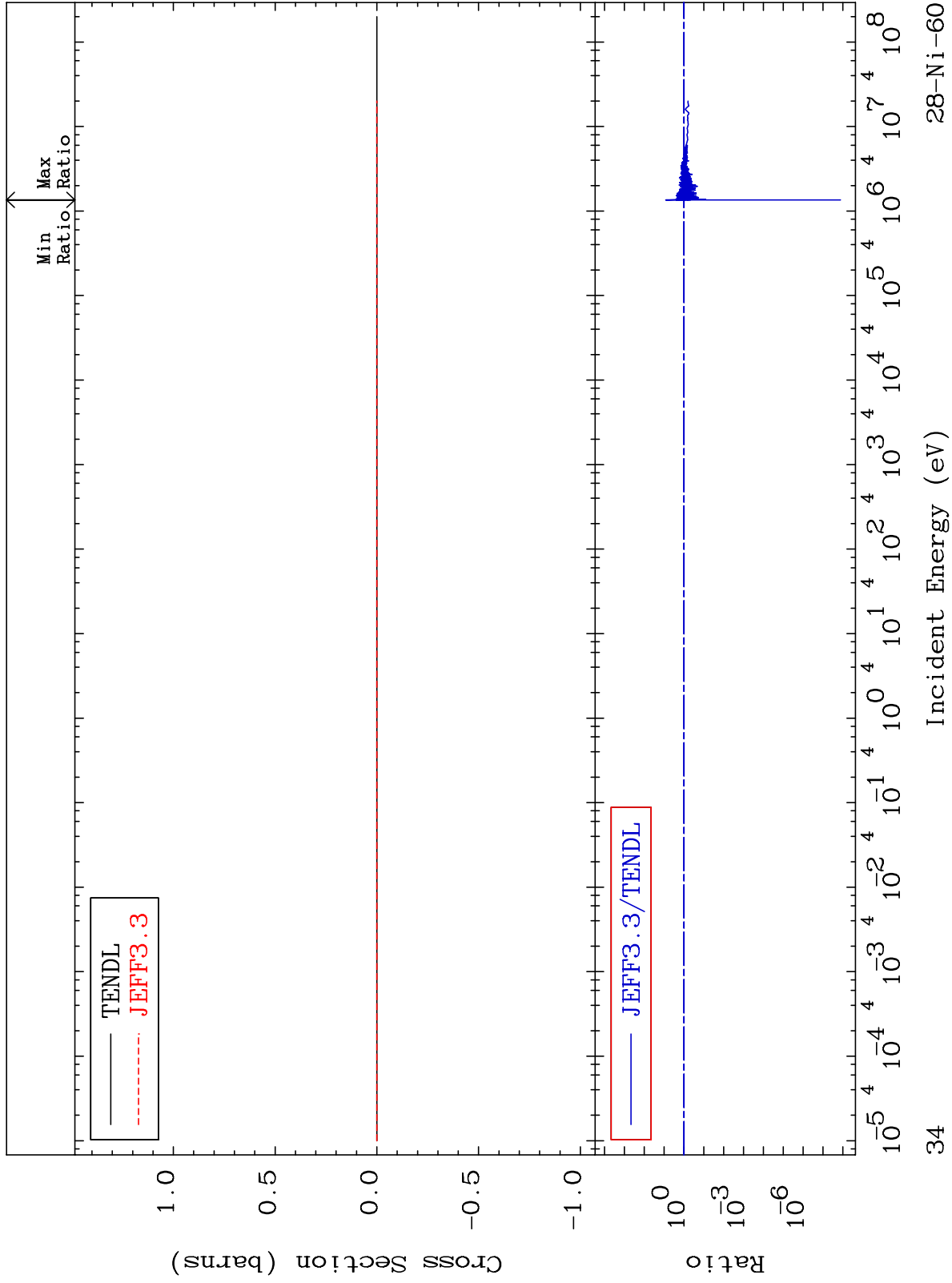
28-Ni-60
-100.0 To 716.9 %



MAT 2831

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

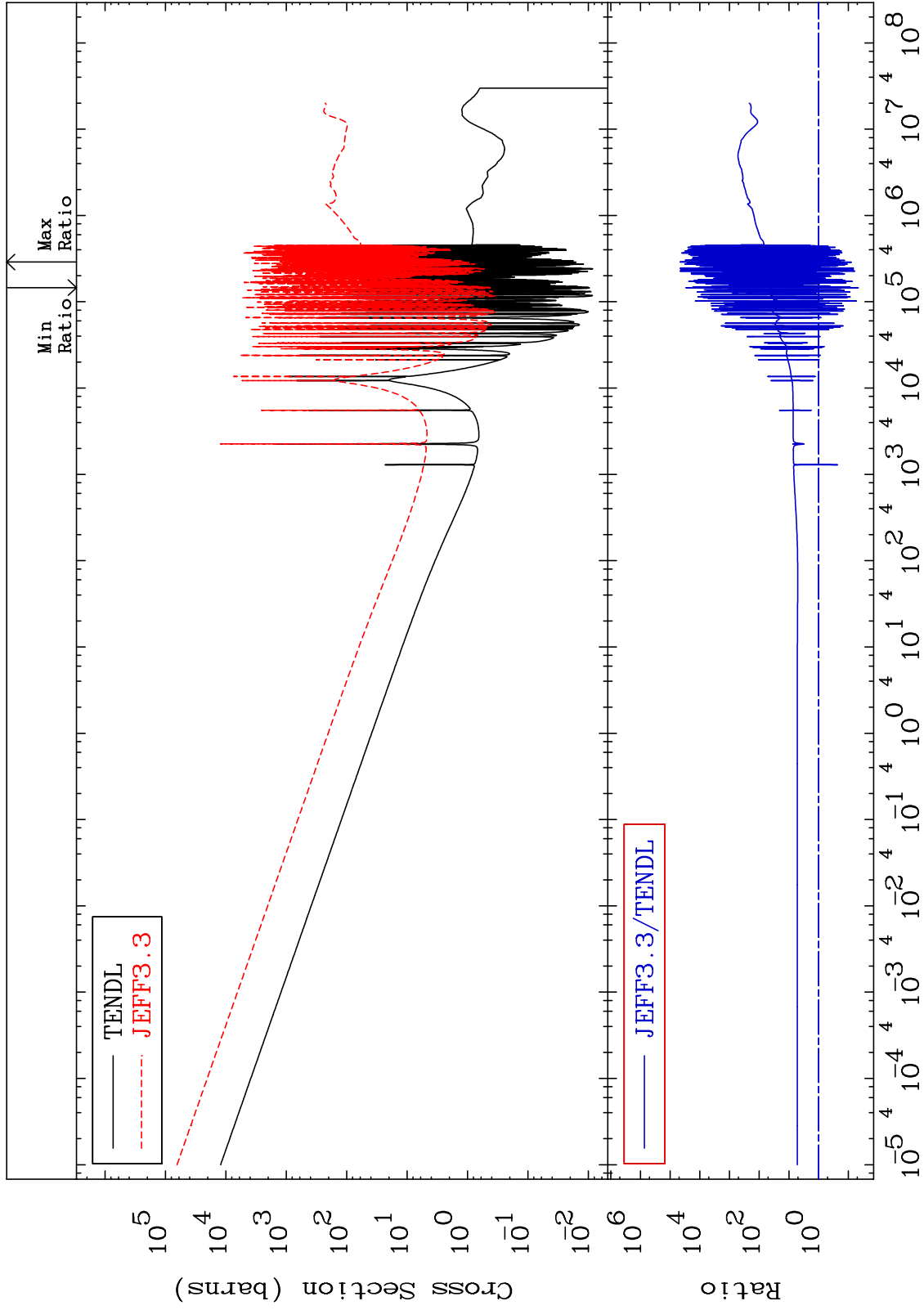
28-Ni-60
-100.0 To 716.9 %



MAT 2831

Kerma capture (mt102)
Cross Section

28-Ni-60
-95.42 To 9999. %



35

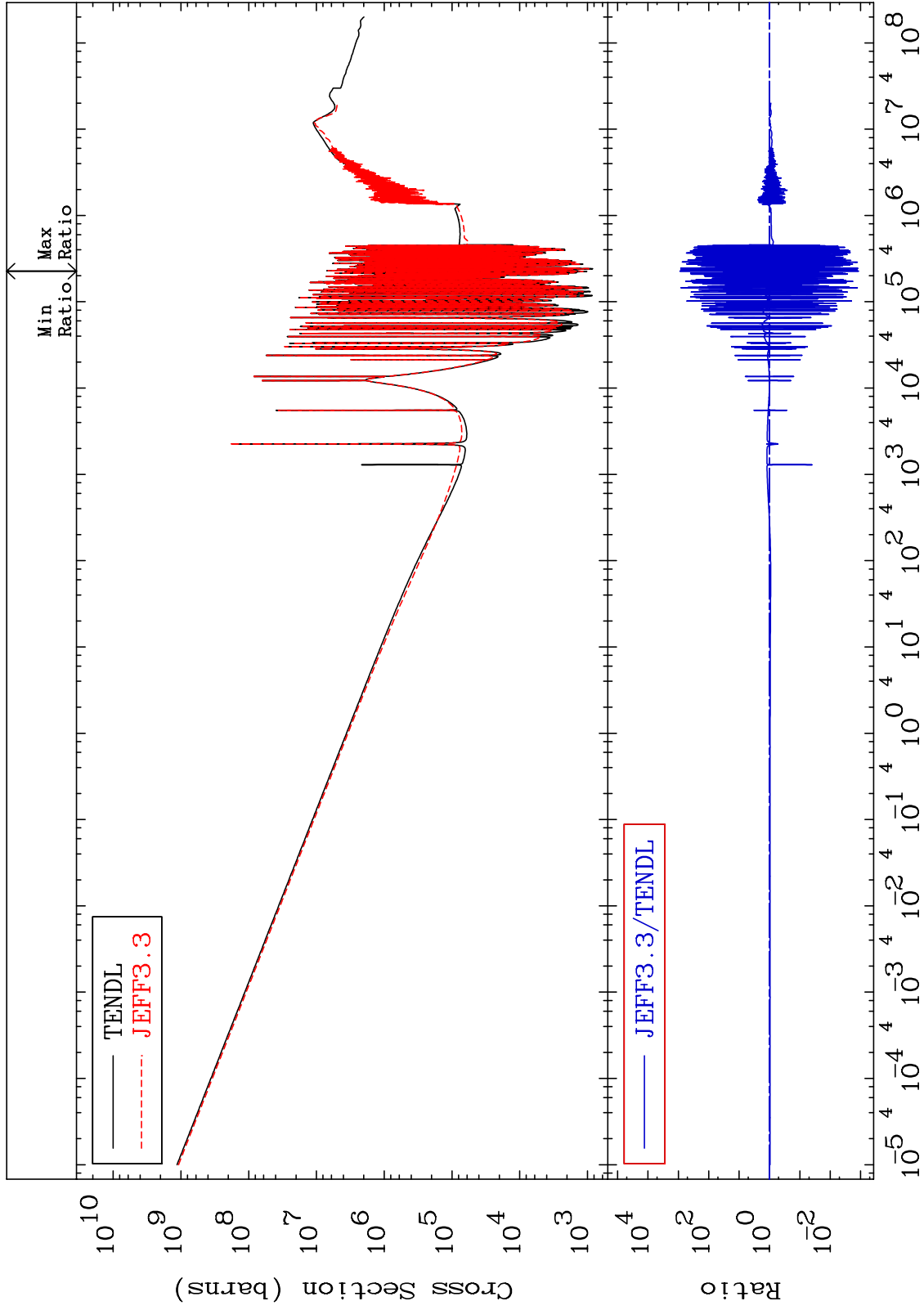
Incident Energy (eV)

28-Ni-60

MAT 2831

Total photon (eV-barns)
Cross Section

28-Ni-60
-99.88 To 9999. %



36

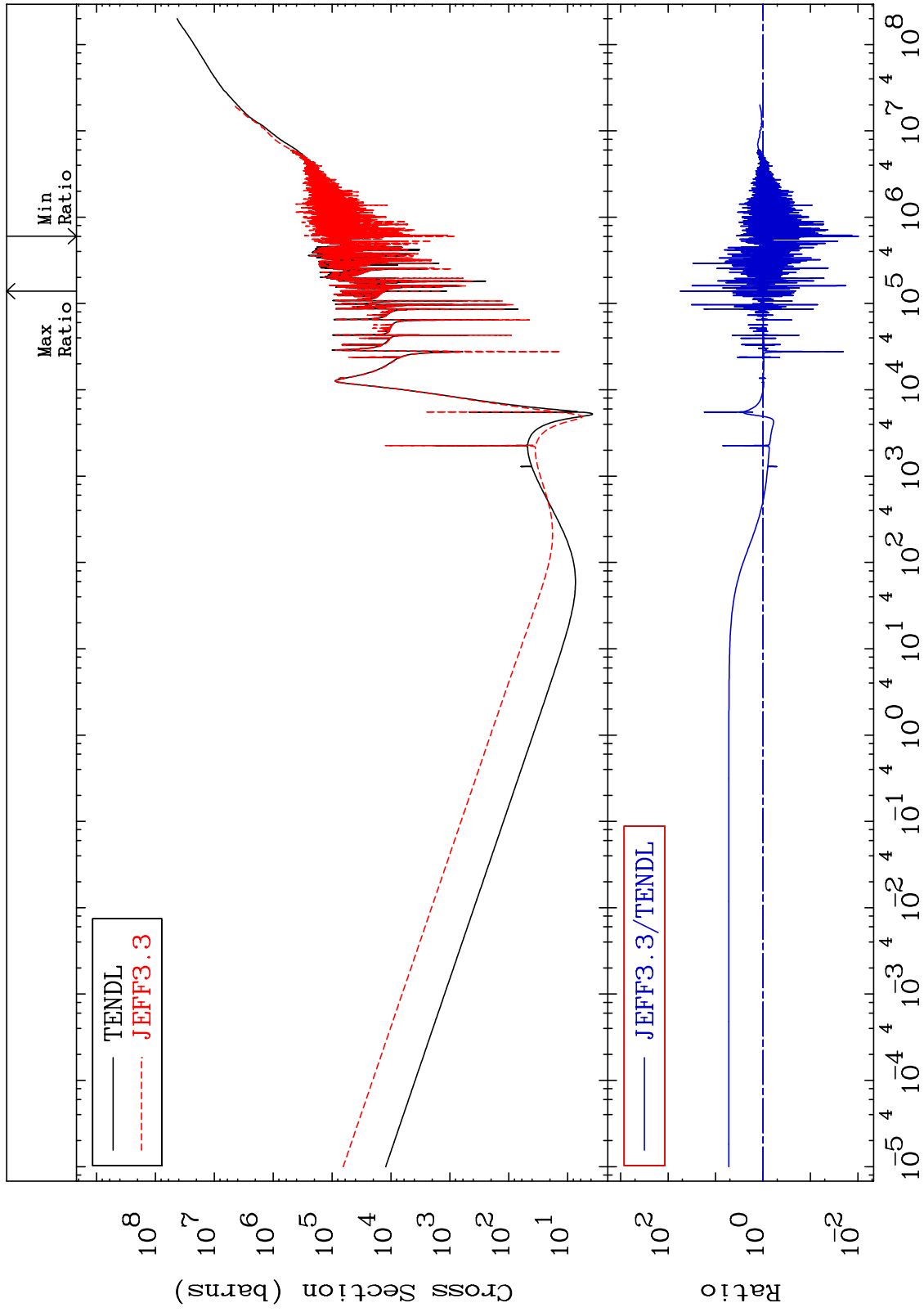
Incident Energy (eV)

28-Ni-60

MAT 2831

Total kinematic kerma (high limit)
Cross Section

28-Ni-60
-99.03 To 5513. %



37

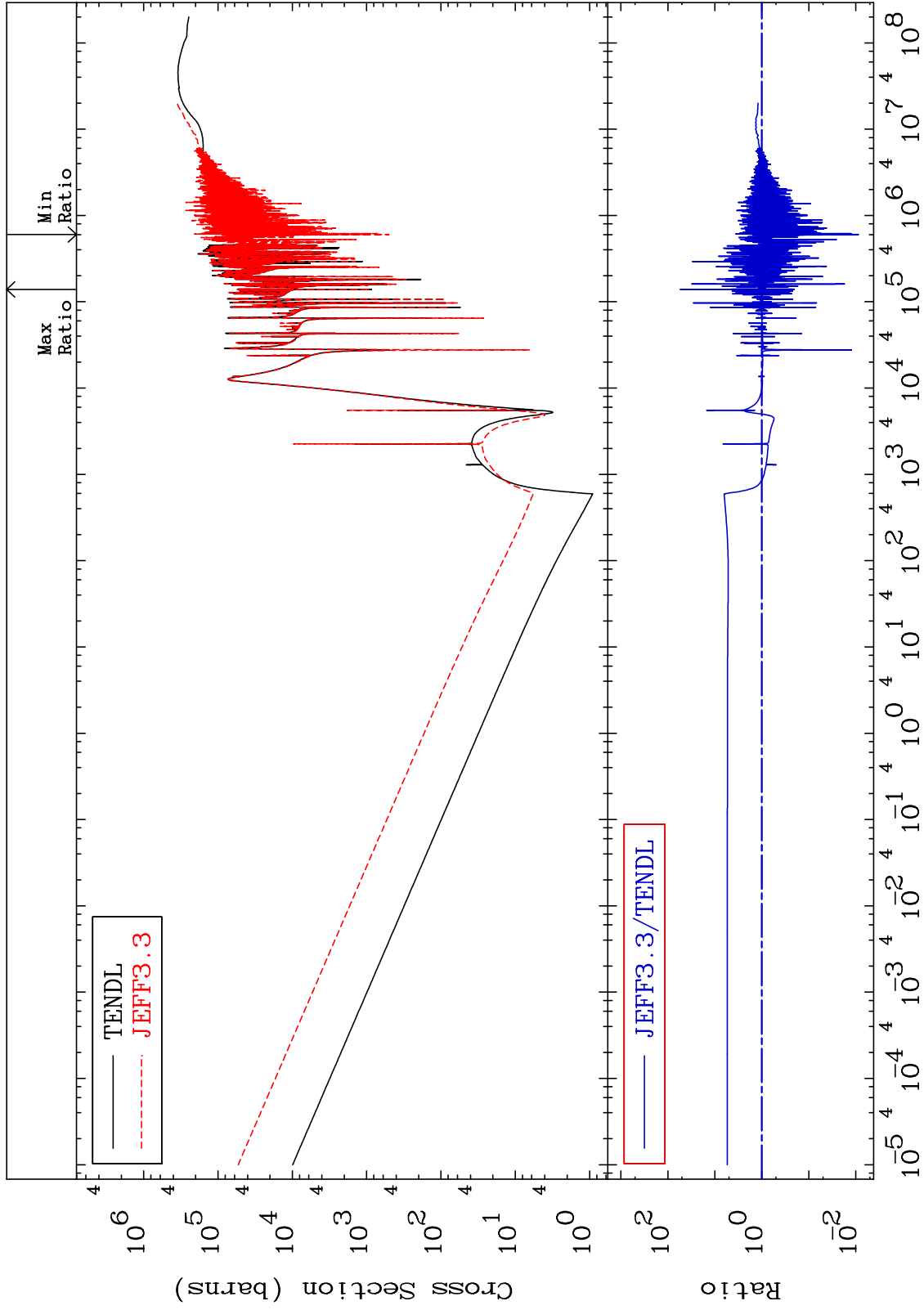
Incident Energy (eV)

28-Ni-60

MAT 2831

Dpa total (eV-barns)
Cross Section

28-Ni-60
-99.12 To 5411. %



38

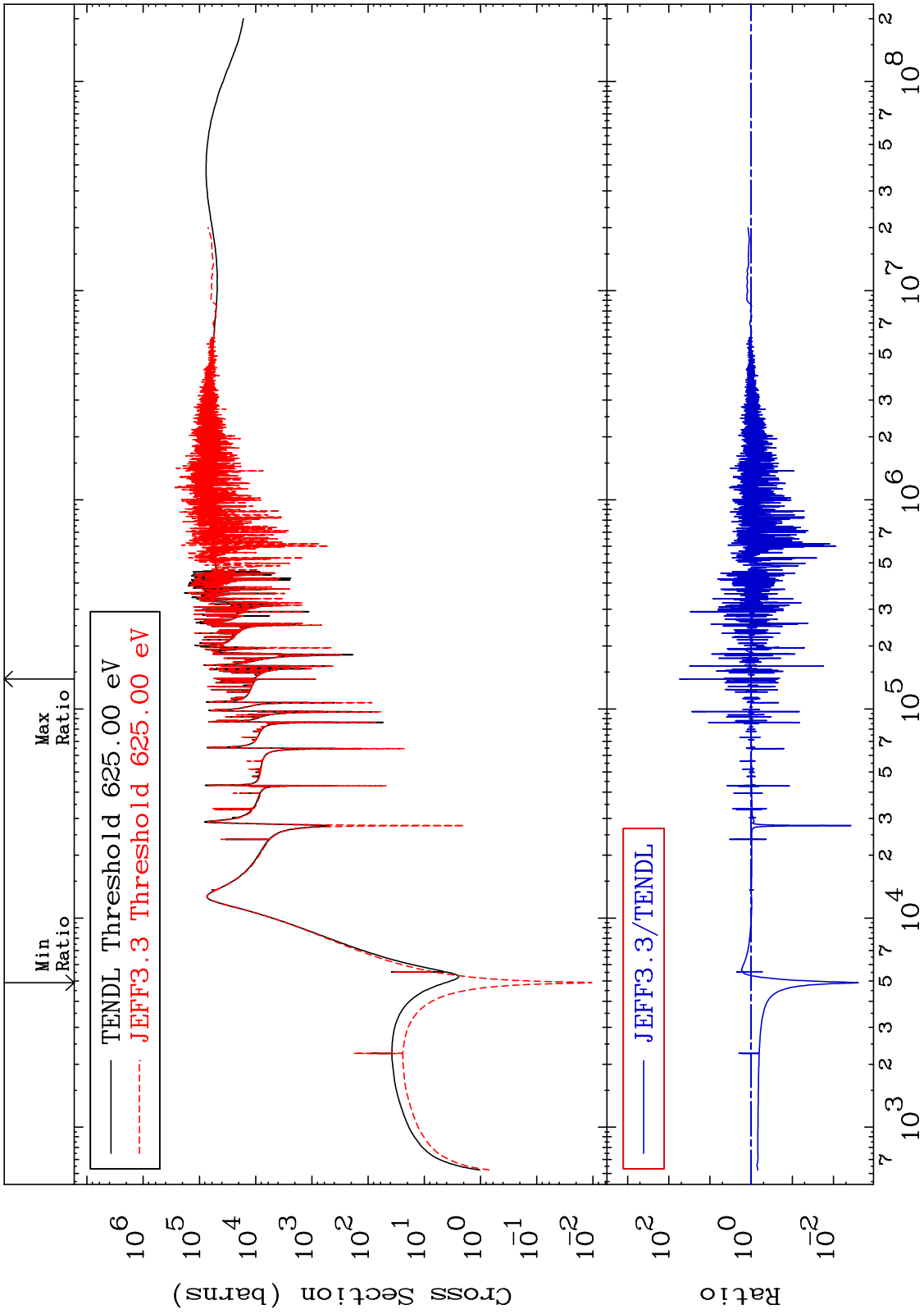
Incident Energy (eV)

28-Ni-60

MAT 2831

Dpa elastic (mt2)
Cross Section

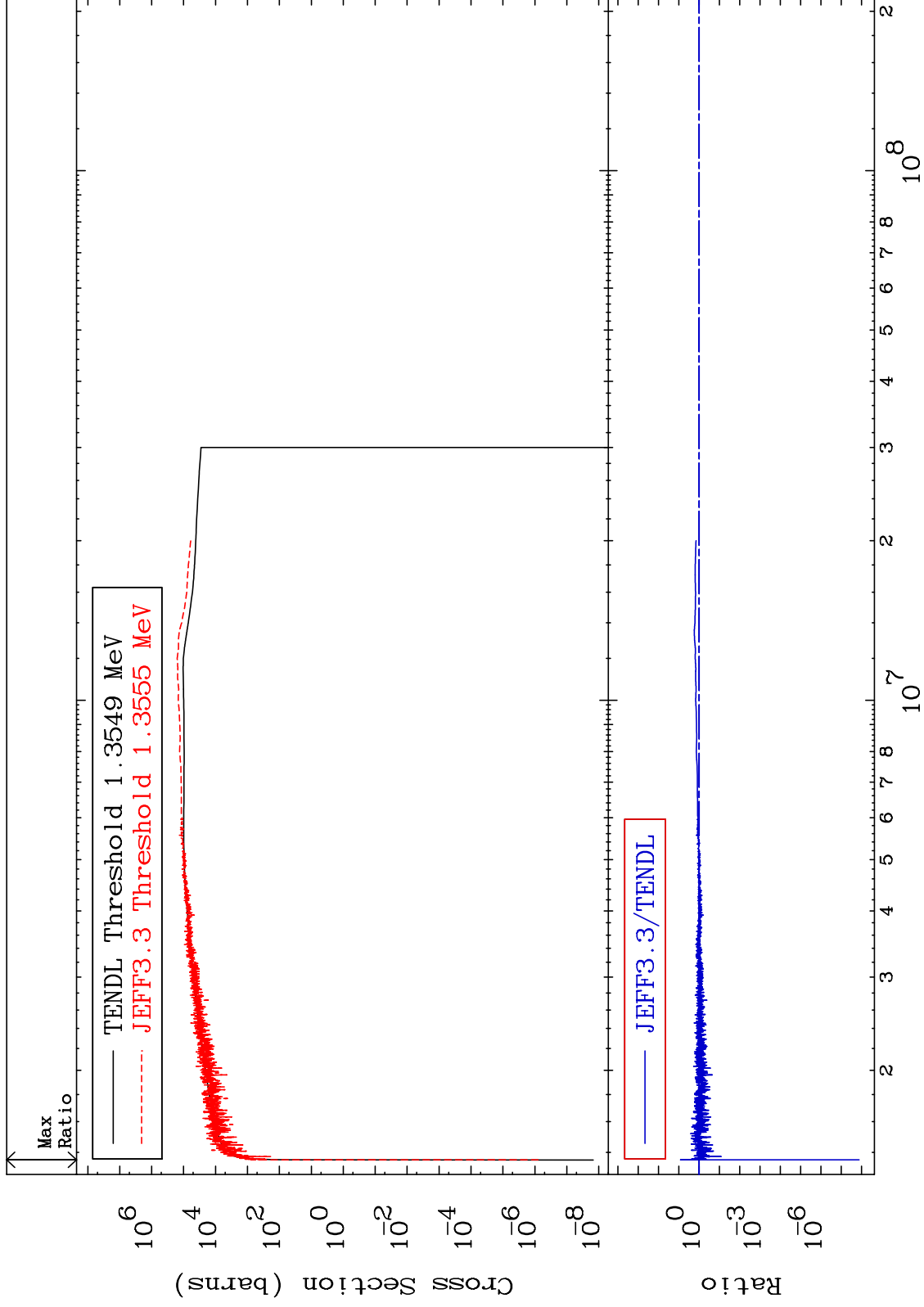
28-Ni-60
-99.75 To 5430. %



MAT 2831

Dpa inelastic (mt51-91)
Cross Section

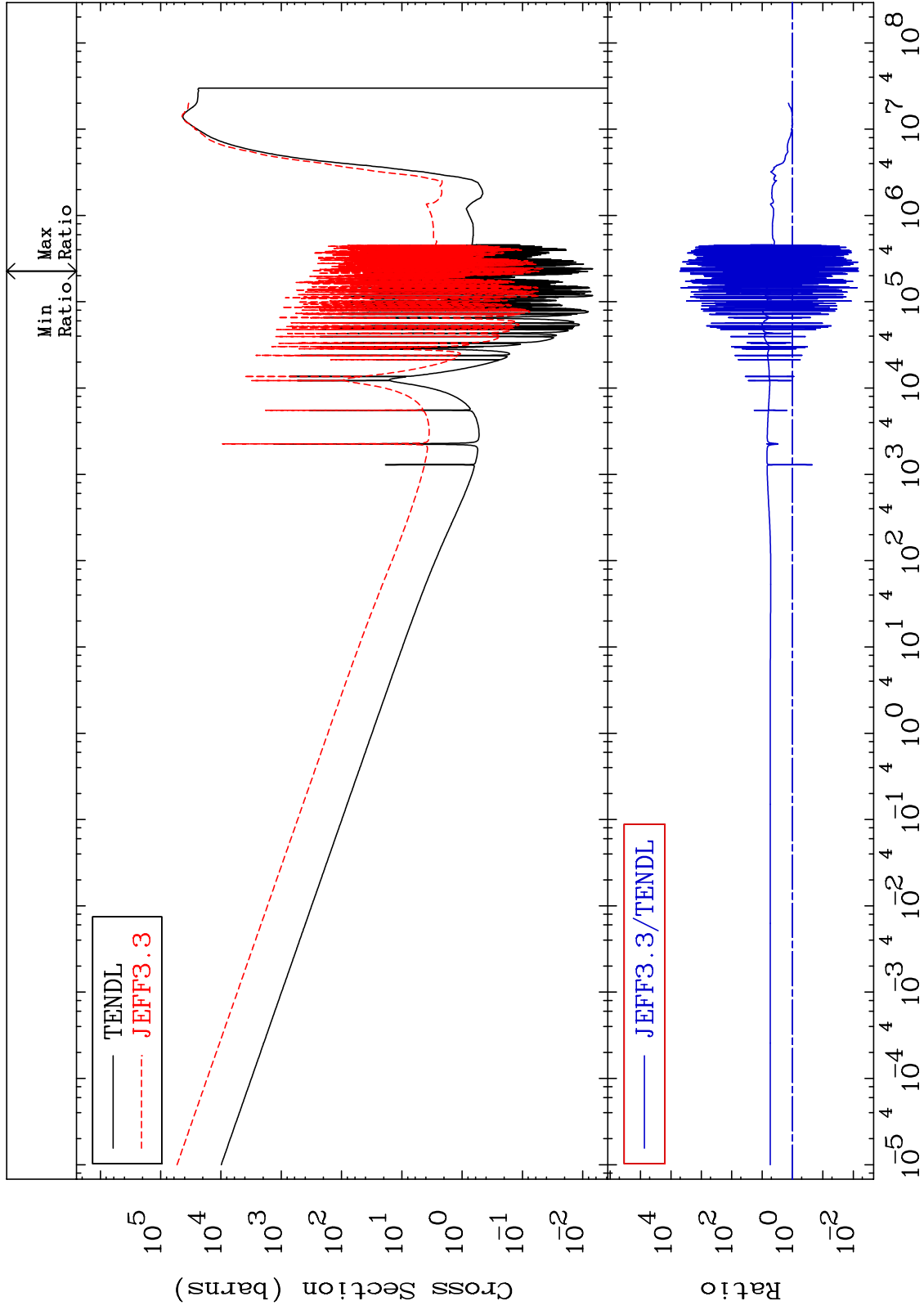
28-Ni-60
-100.0 To 718.0 %



MAT 2831

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-60
-99.32 To 9999. %



41

Incident Energy (eV)

28-Ni-60

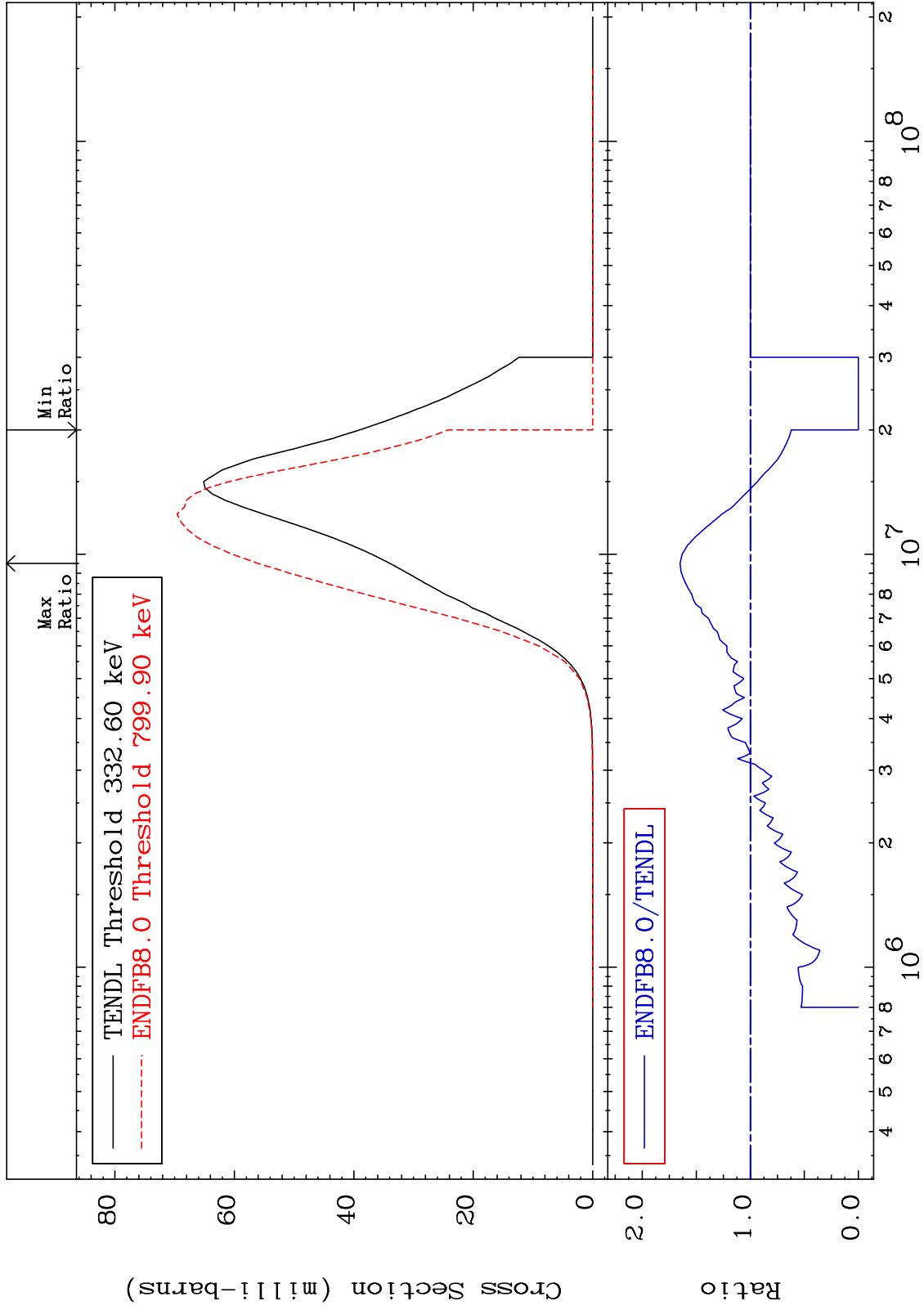
MAT 2831

(n, α)

28-Ni-60

Cross Section

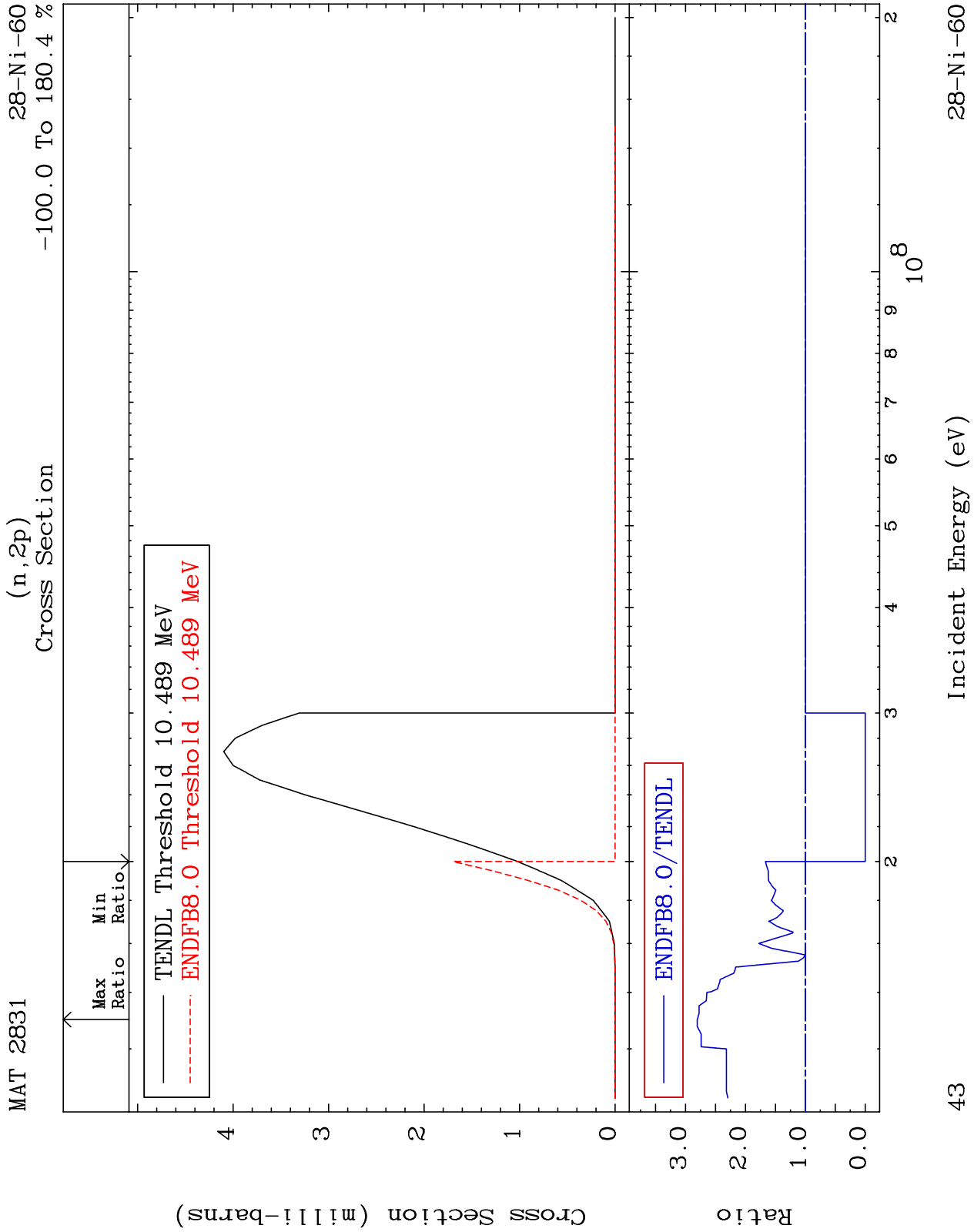
-100.0 To 65.08 %



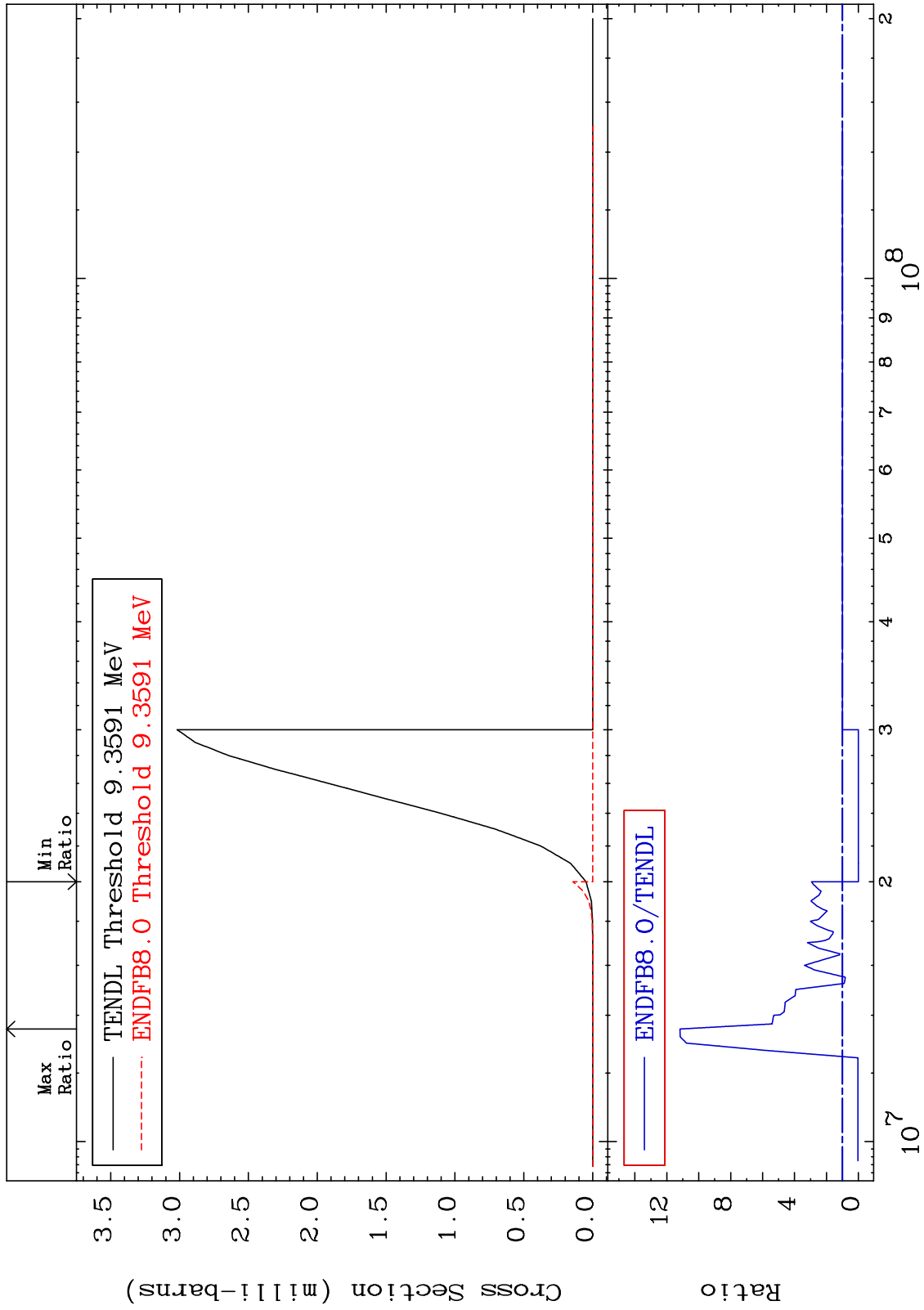
42

Incident Energy (eV)

28-Ni-60



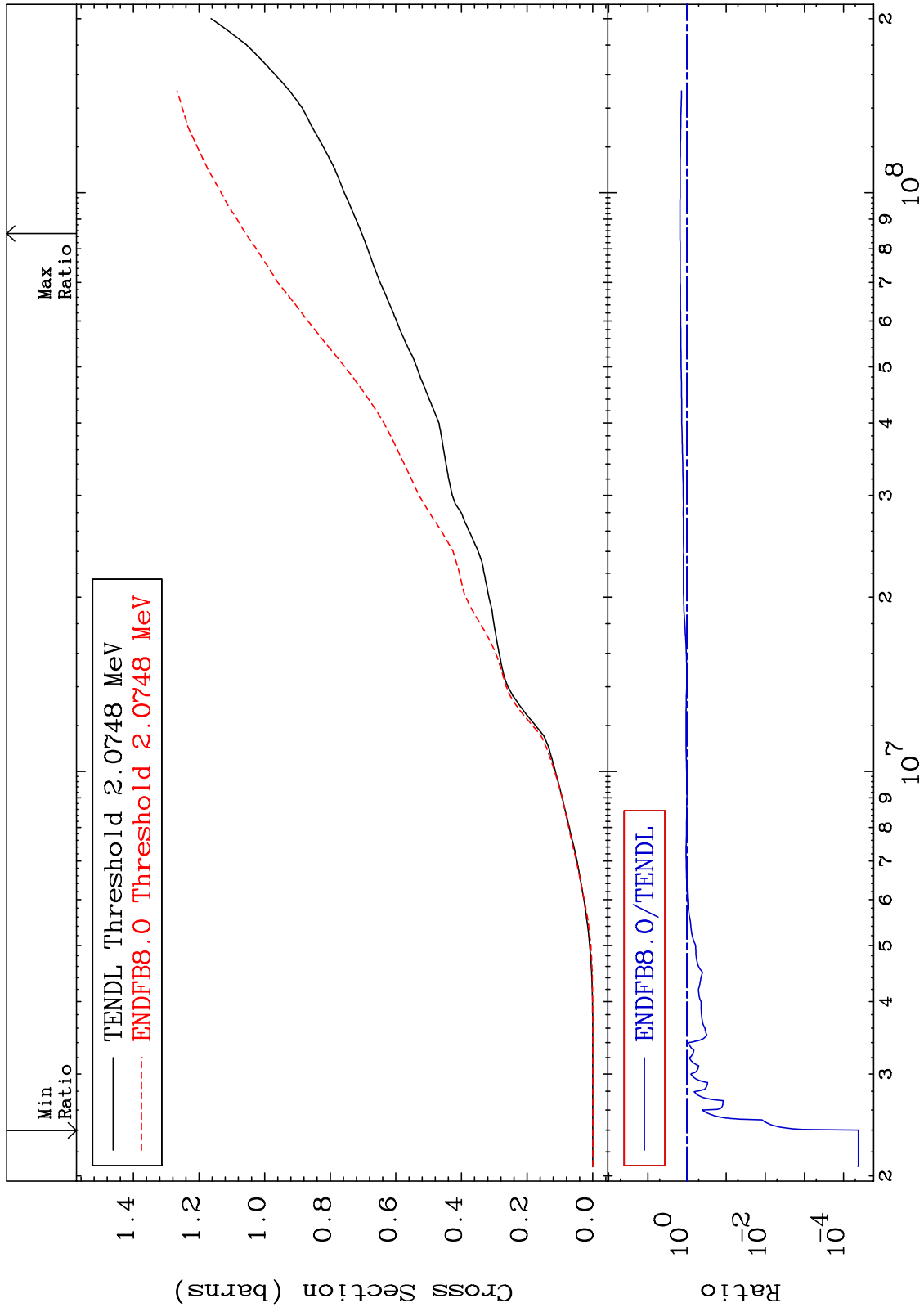
MAT 2831 (n,p) α 28-Ni-60
 Cross Section -100.0 To 1017. %



MAT 2831

Hydrogen Production
Cross Section

28-Ni-60
-100.0 To 50.34 %



45

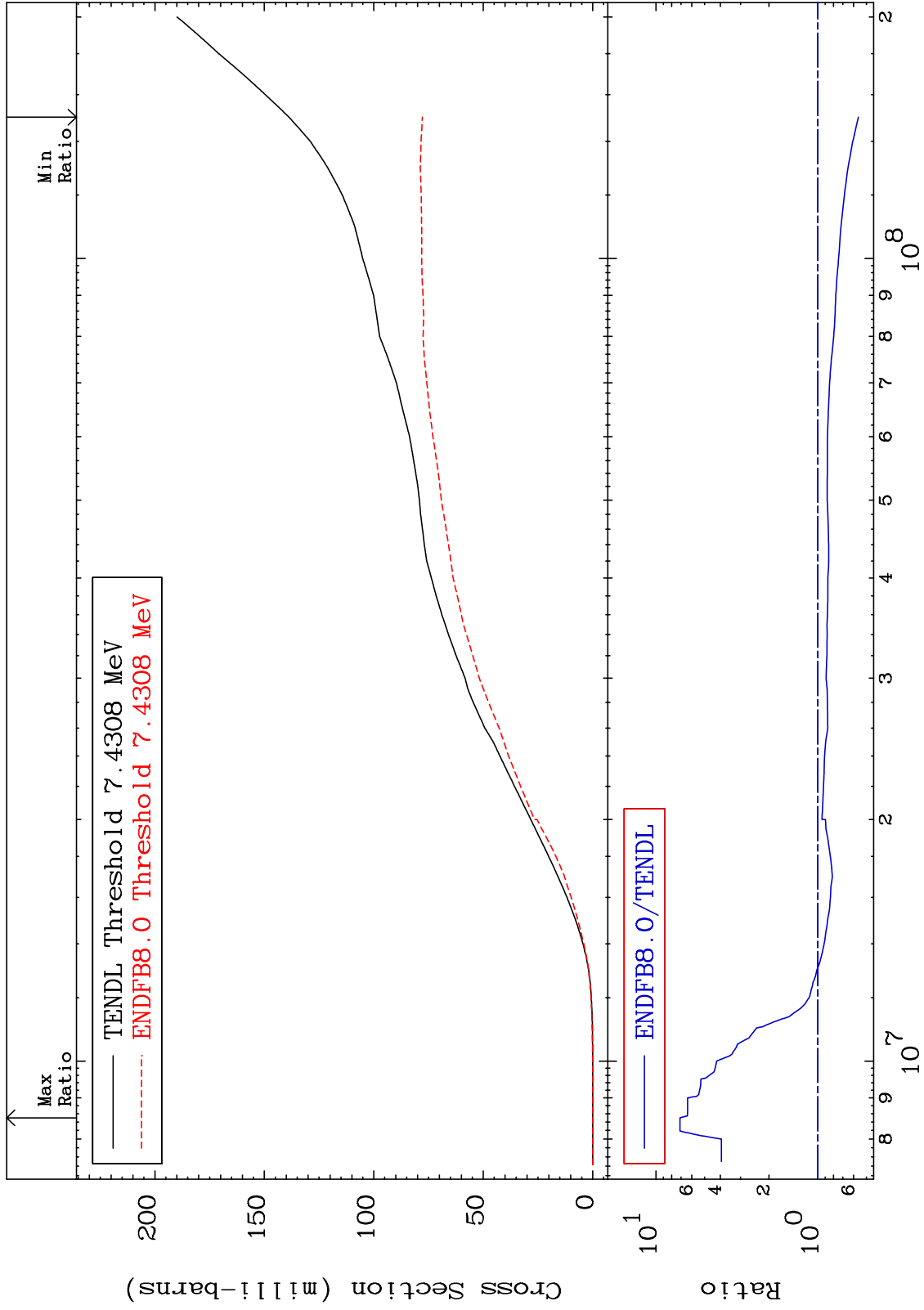
Incident Energy (eV)

28-Ni-60

MAT 2831

Deuterium Production
Cross Section

28-Ni-60
-43.92 To 609.3 %



46

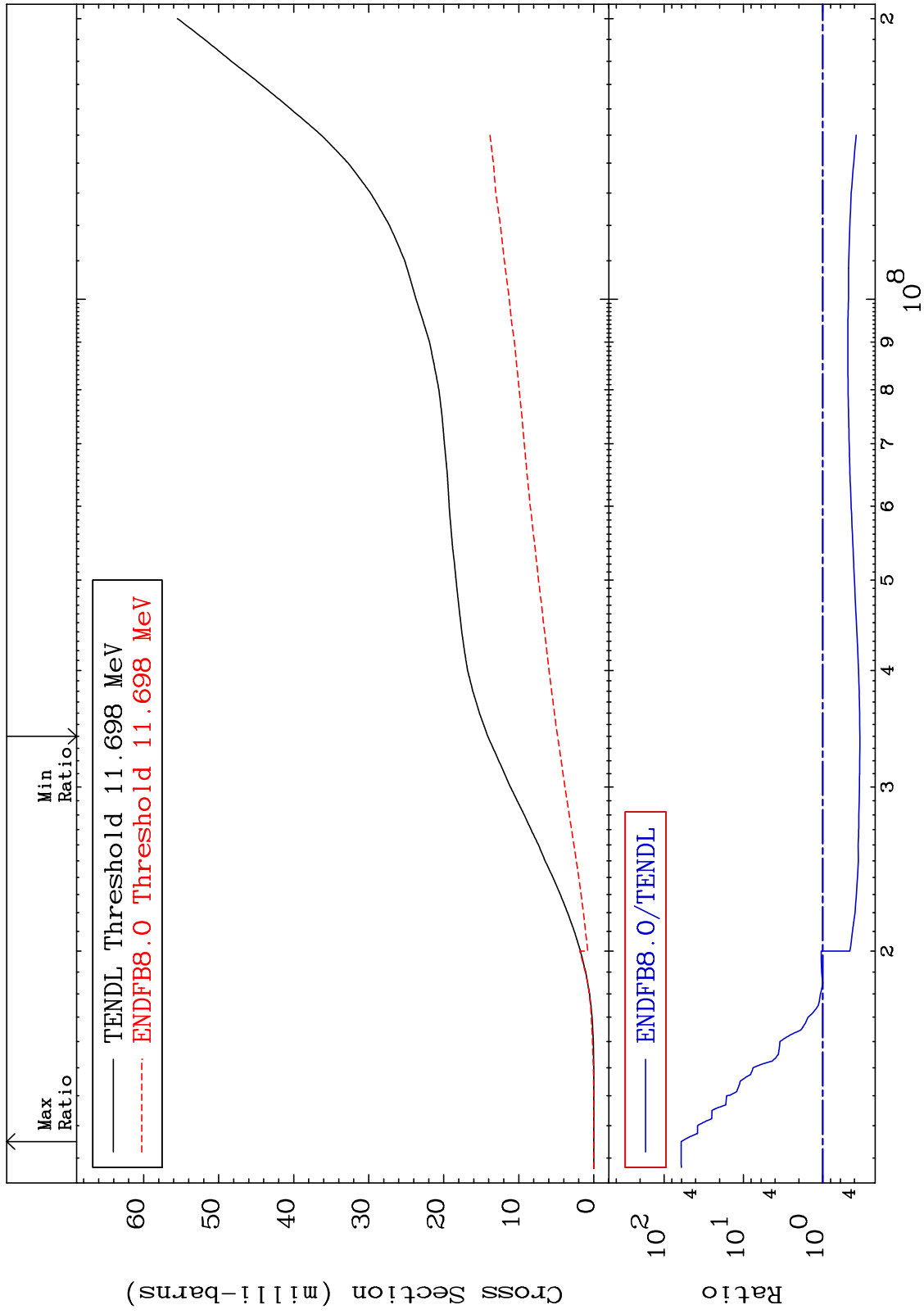
Incident Energy (eV)

28-Ni-60

MAT 2831

Tritium Production
Cross Section

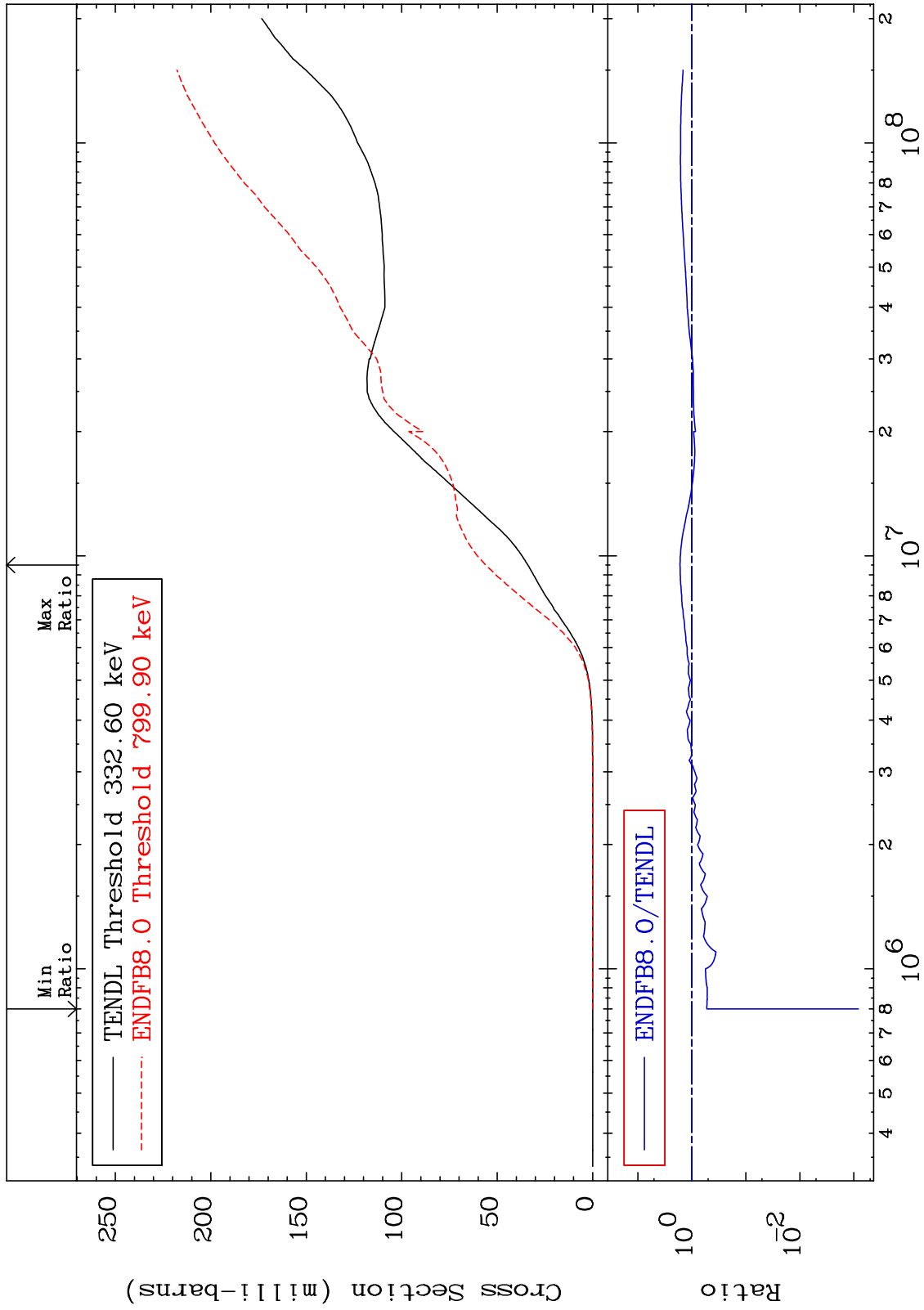
28-Ni-60
-65.93 To 5977. %



MAT 2831

He-4 Production
Cross Section

28-Ni-60
-99.92 To 65.08 %



48

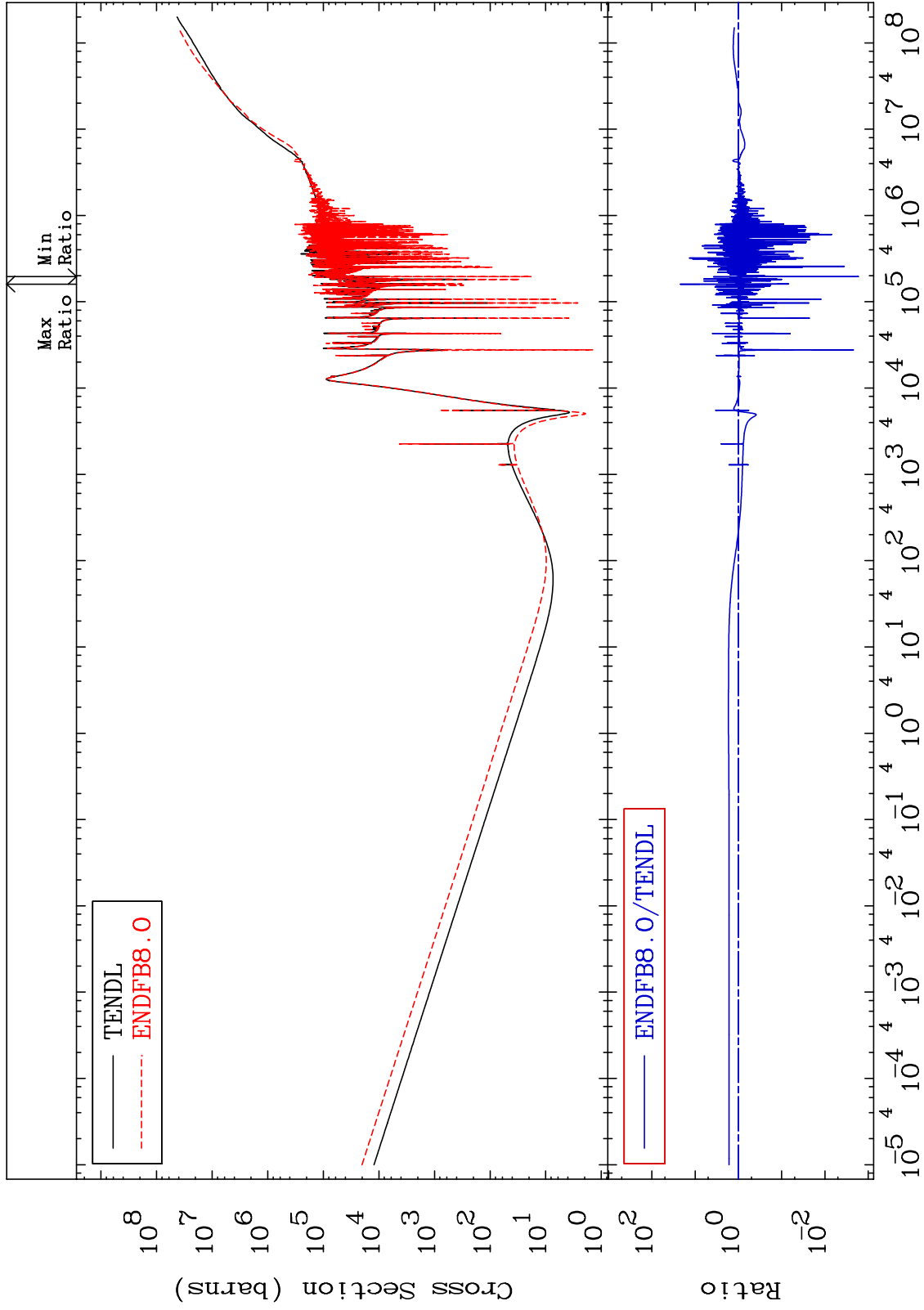
28-Ni-60

28-Ni-60

MAT 2831

Kerma total (eV-barns)
Cross Section

28-Ni-60
-99.83 To 2135. %



49

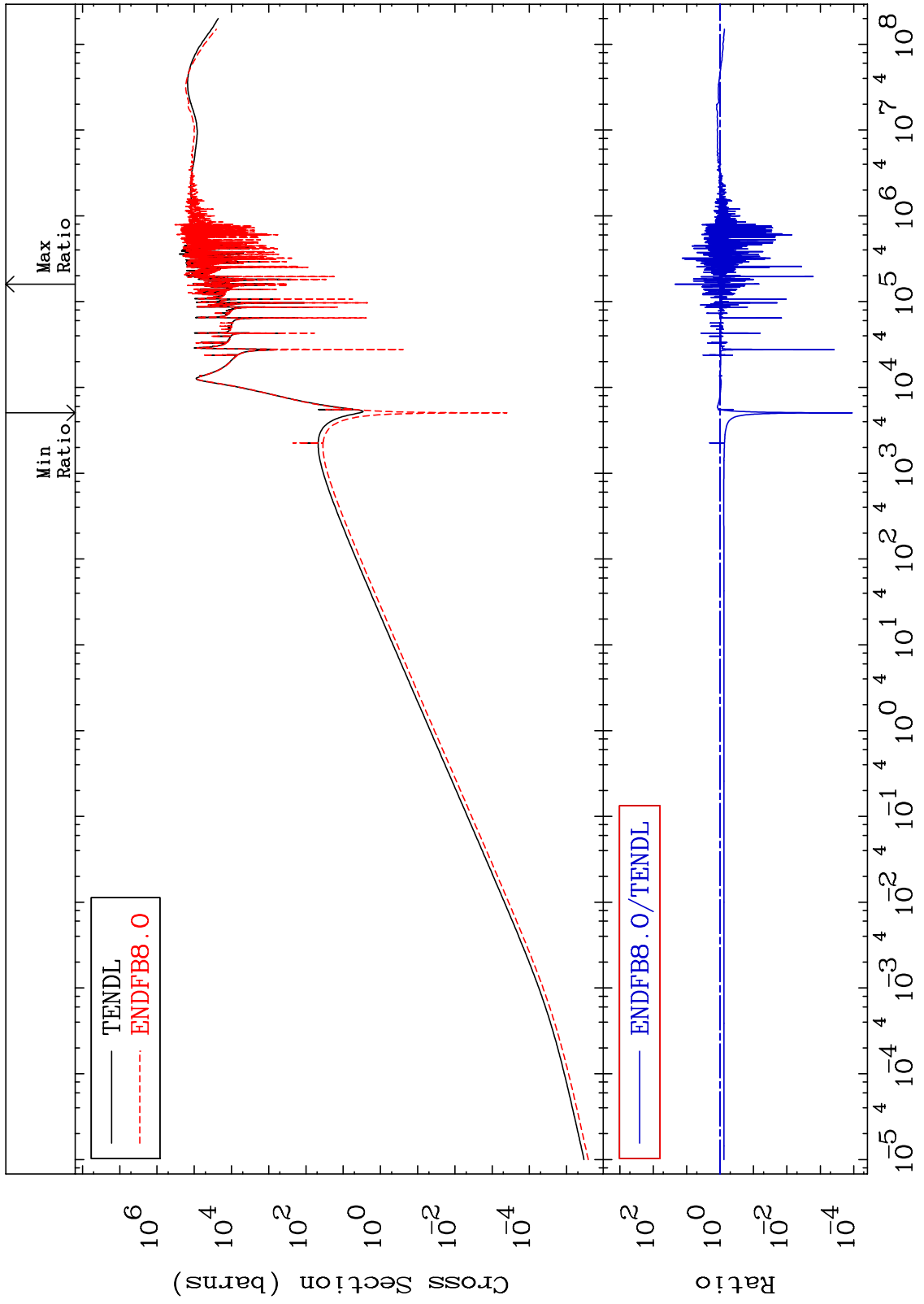
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma elastic
Cross Section

28-Ni-60
-99.99 To 2134. %



50

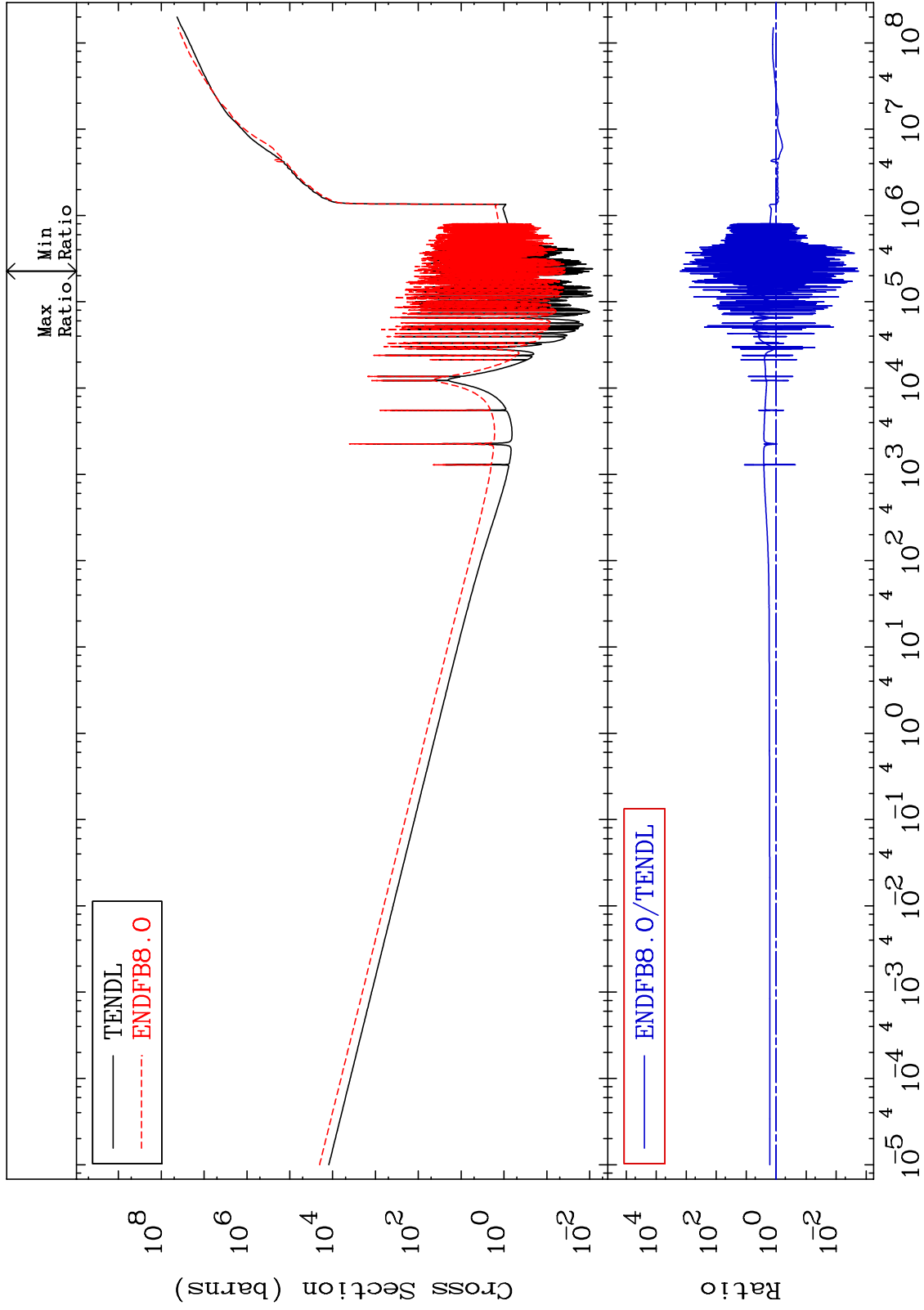
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma non-elastic (all but mt2)
Cross Section

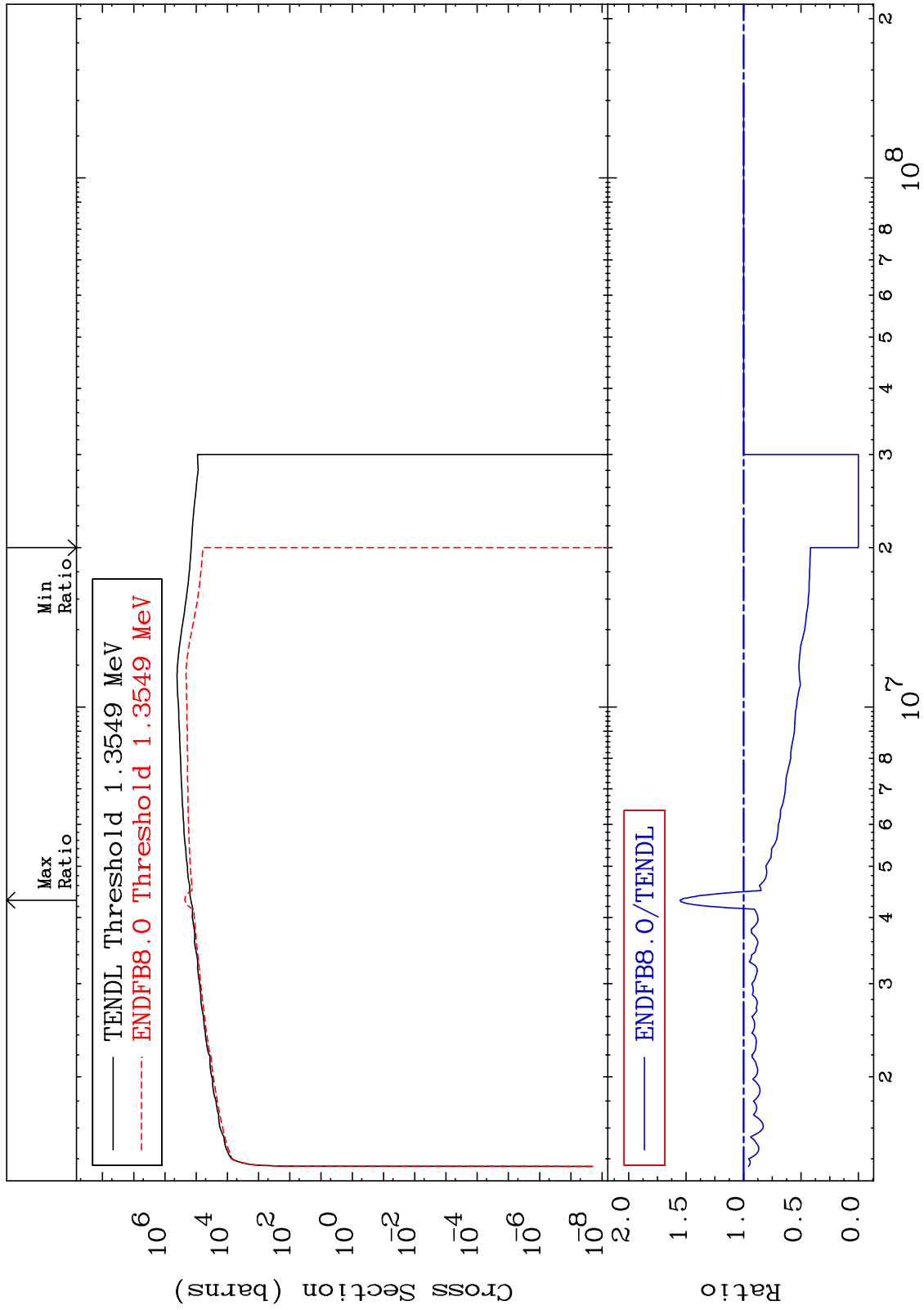
28-Ni-60
-99.82 To 9999. %



MAT 2831

Kerma inelastic (mt51-91)
Cross Section

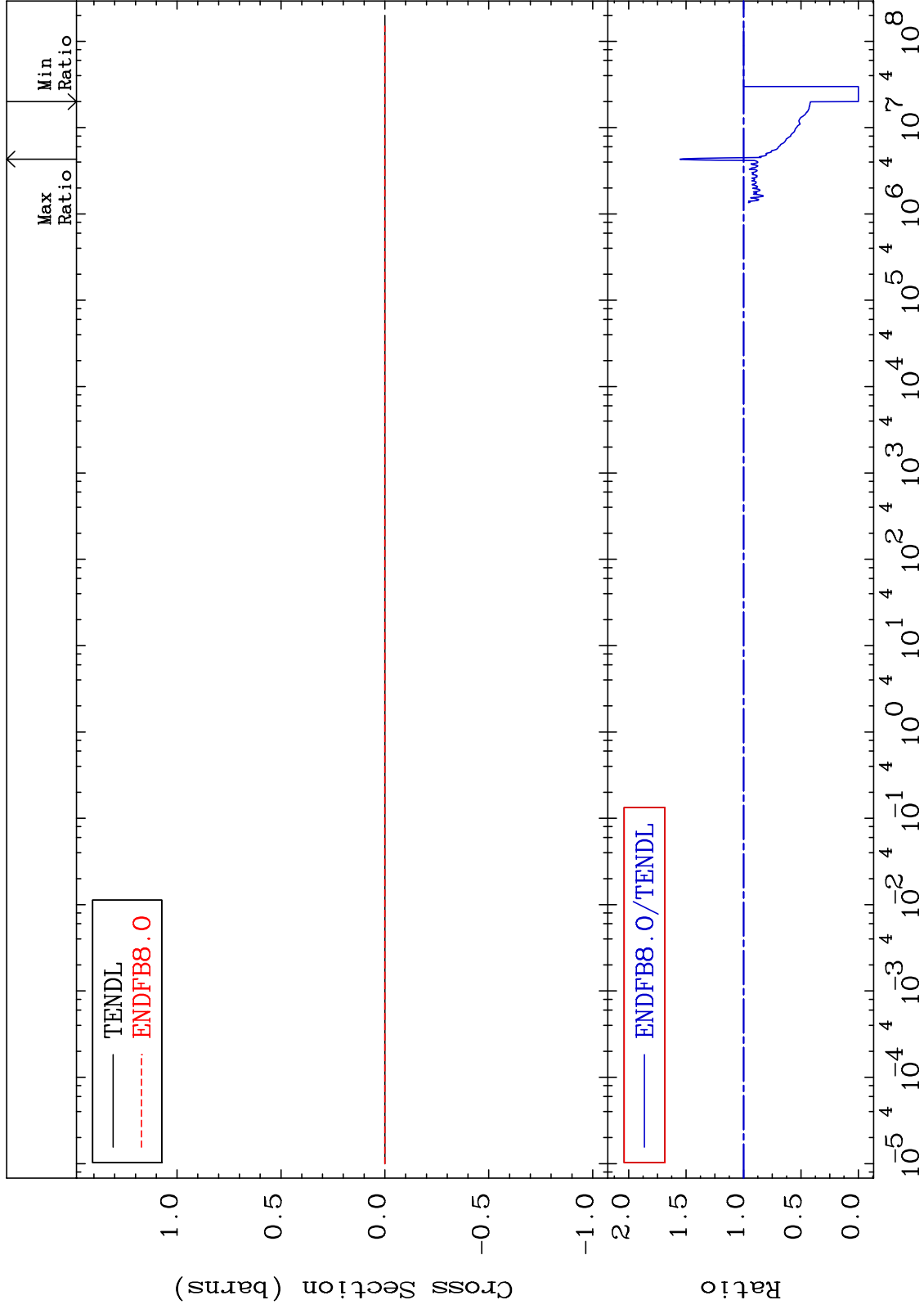
28-Ni-60
-100.0 To 55.30 %



MAT 2831

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

28-Ni-60
-100.0 To 55.30 %



53

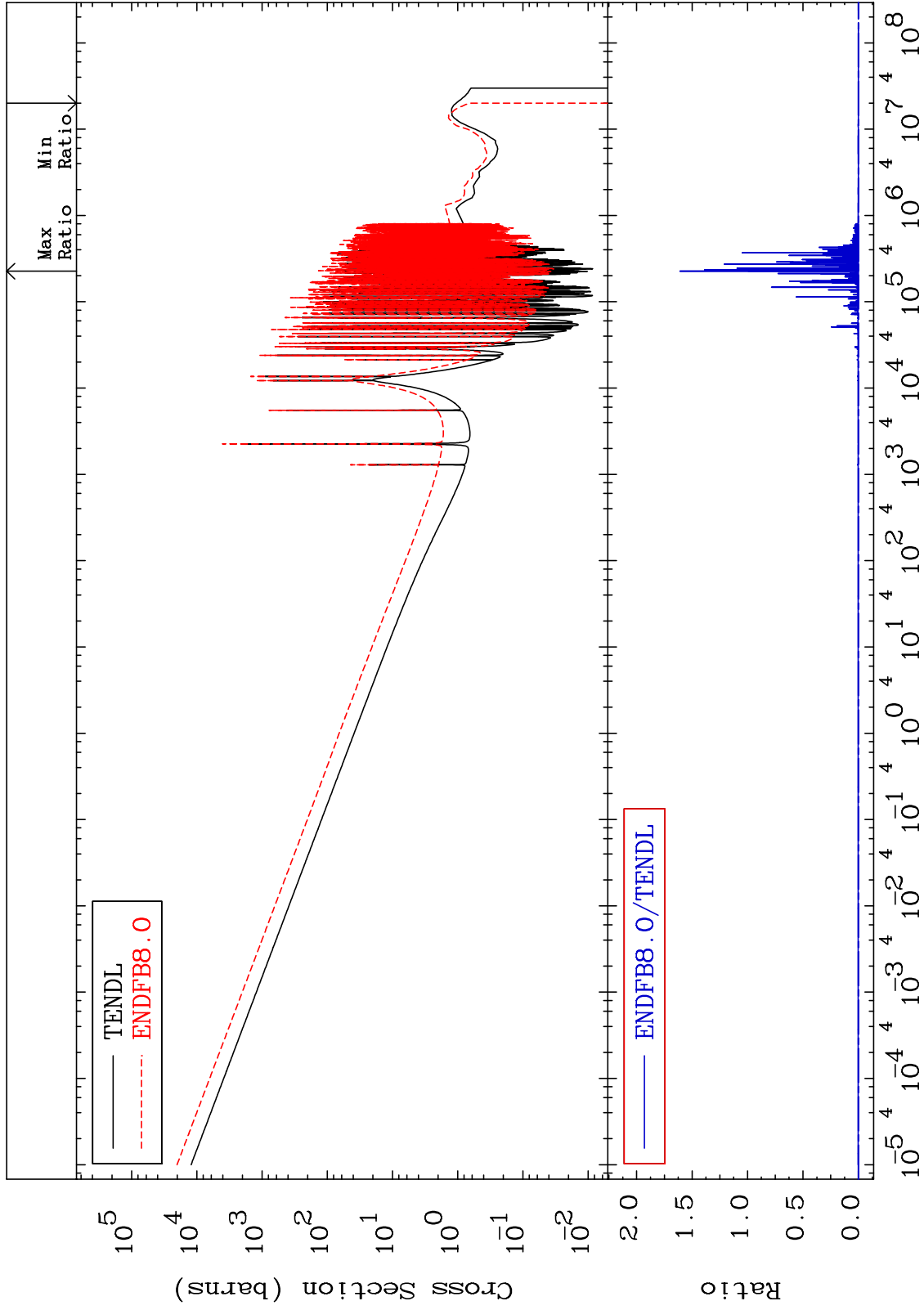
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma capture (mt102)
Cross Section

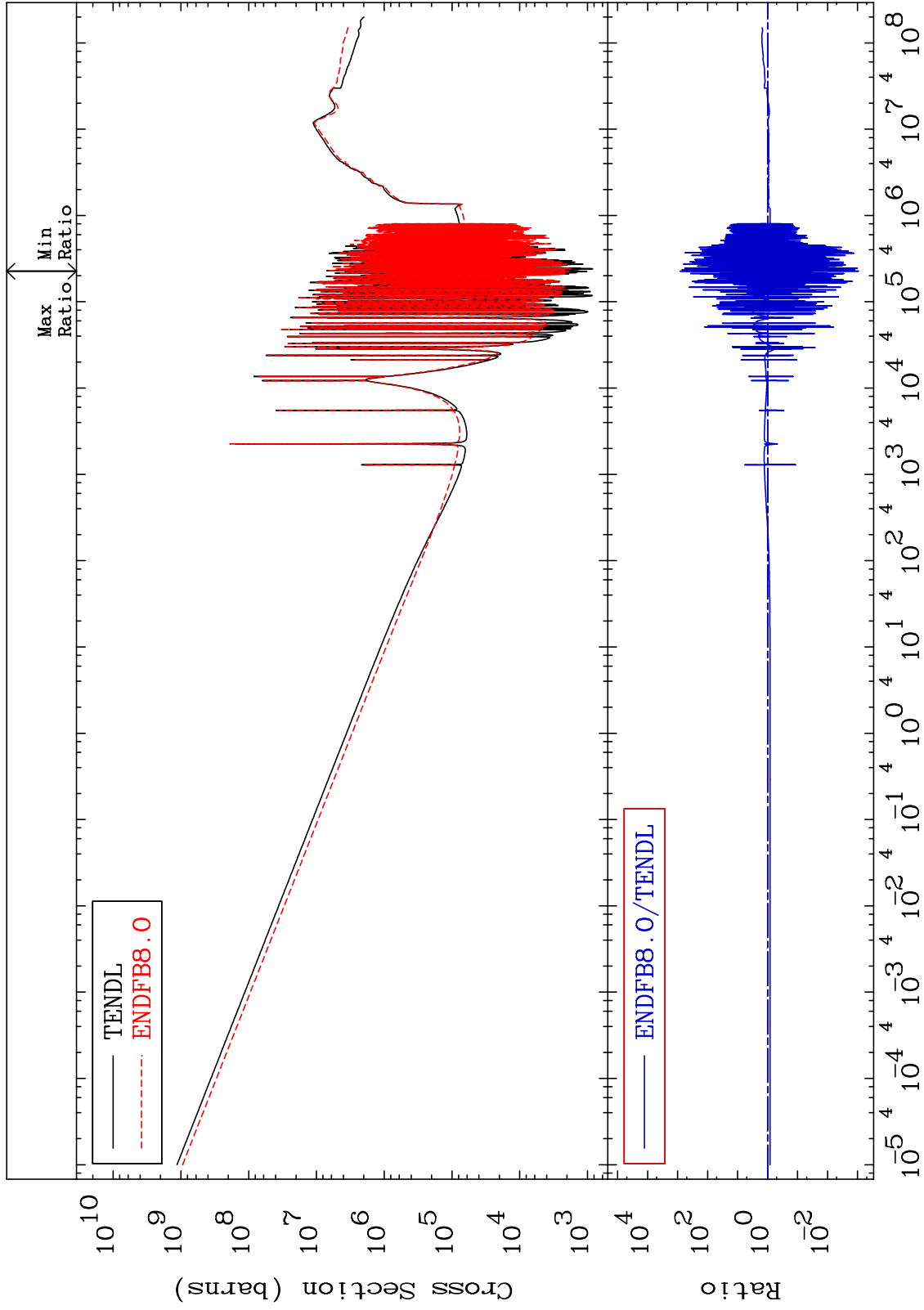
28-Ni-60
-100.0 To 9999. %



MAT 2831

Total photon (eV-barns)
Cross Section

28-Ni-60
-99.91 To 9999. %



55

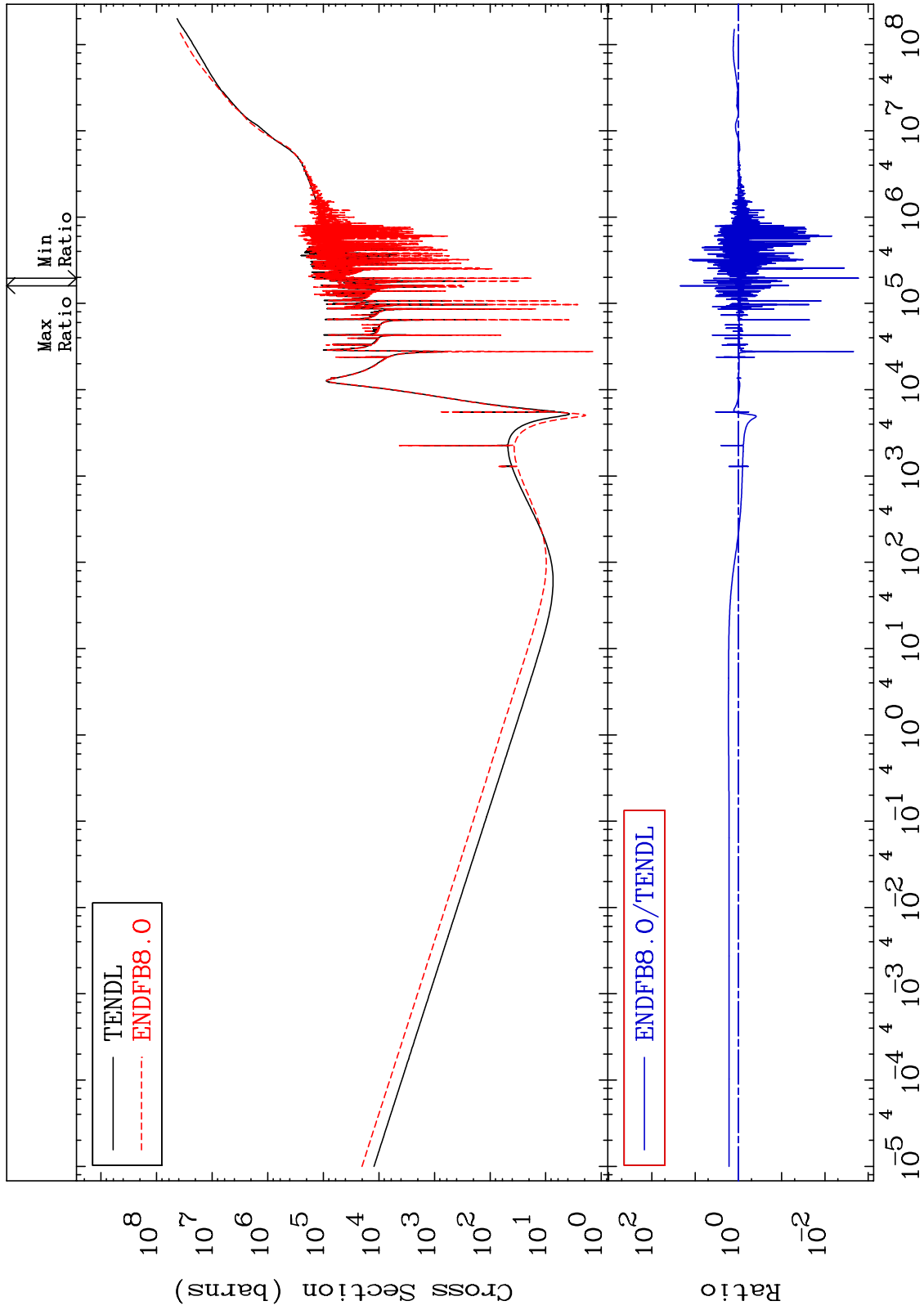
Incident Energy (eV)

28-Ni-60

MAT 2831

Total kinematic kerma (high limit)
Cross Section

28-Ni-60
-99.83 To 2135. %



56

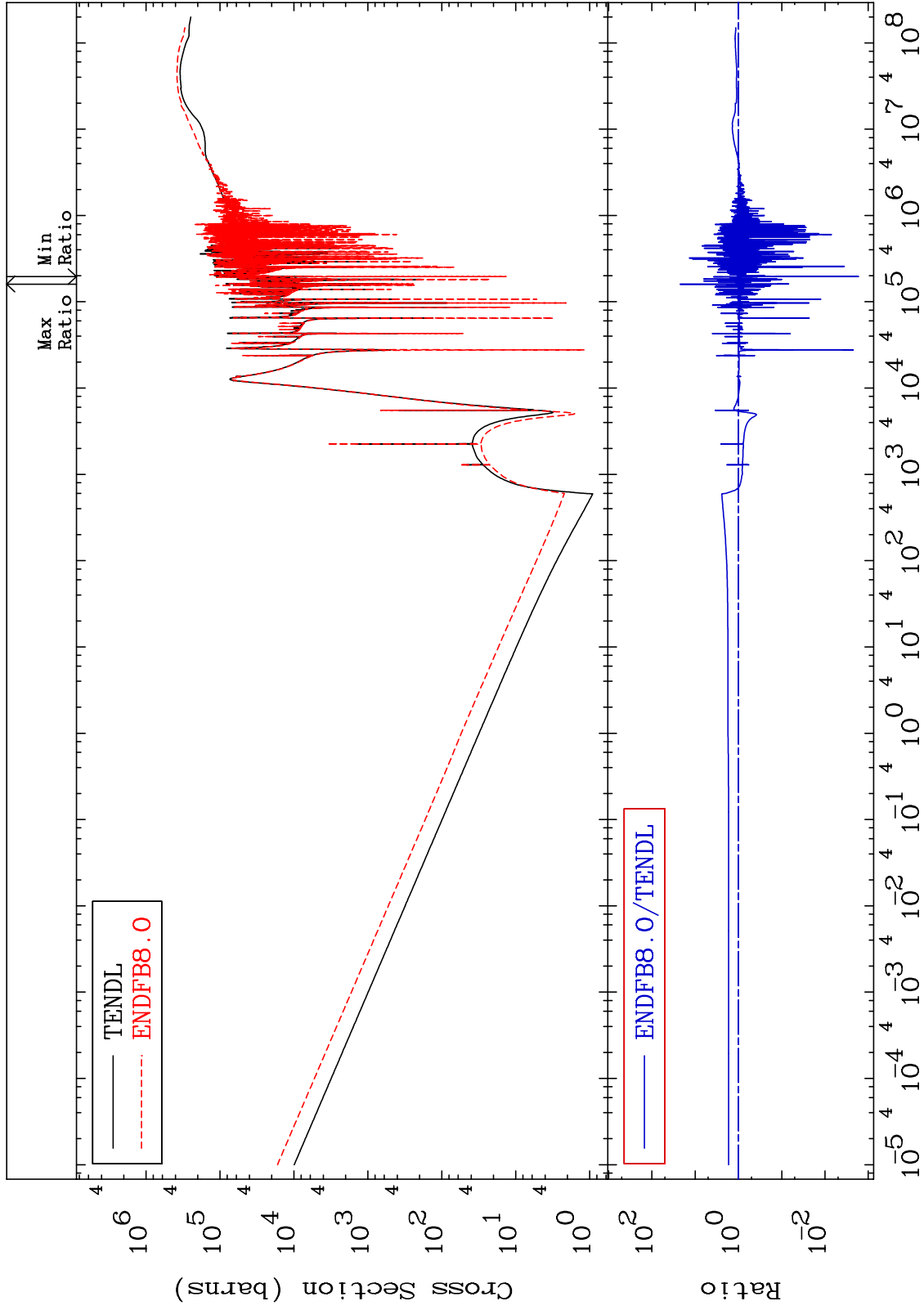
Incident Energy (eV)

28-Ni-60

MAT 2831

Dpa total (eV-barns)
Cross Section

28-Ni-60
-99.83 To 2139. %



57

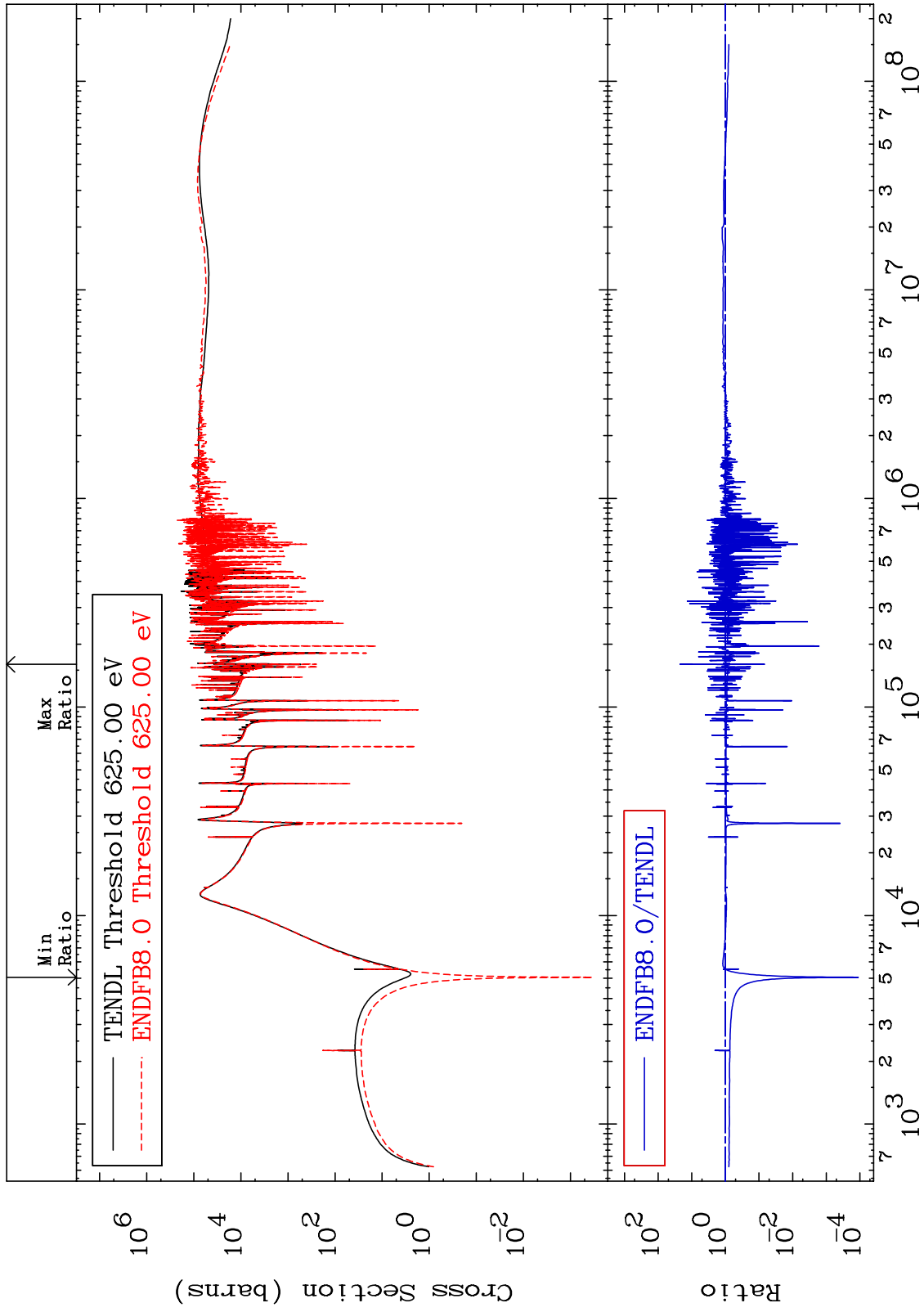
Incident Energy (eV)

28-Ni-60

MAT 2831

Dpa elastic (mt2)
Cross Section

28-Ni-60
-99.99 To 2139. %



58

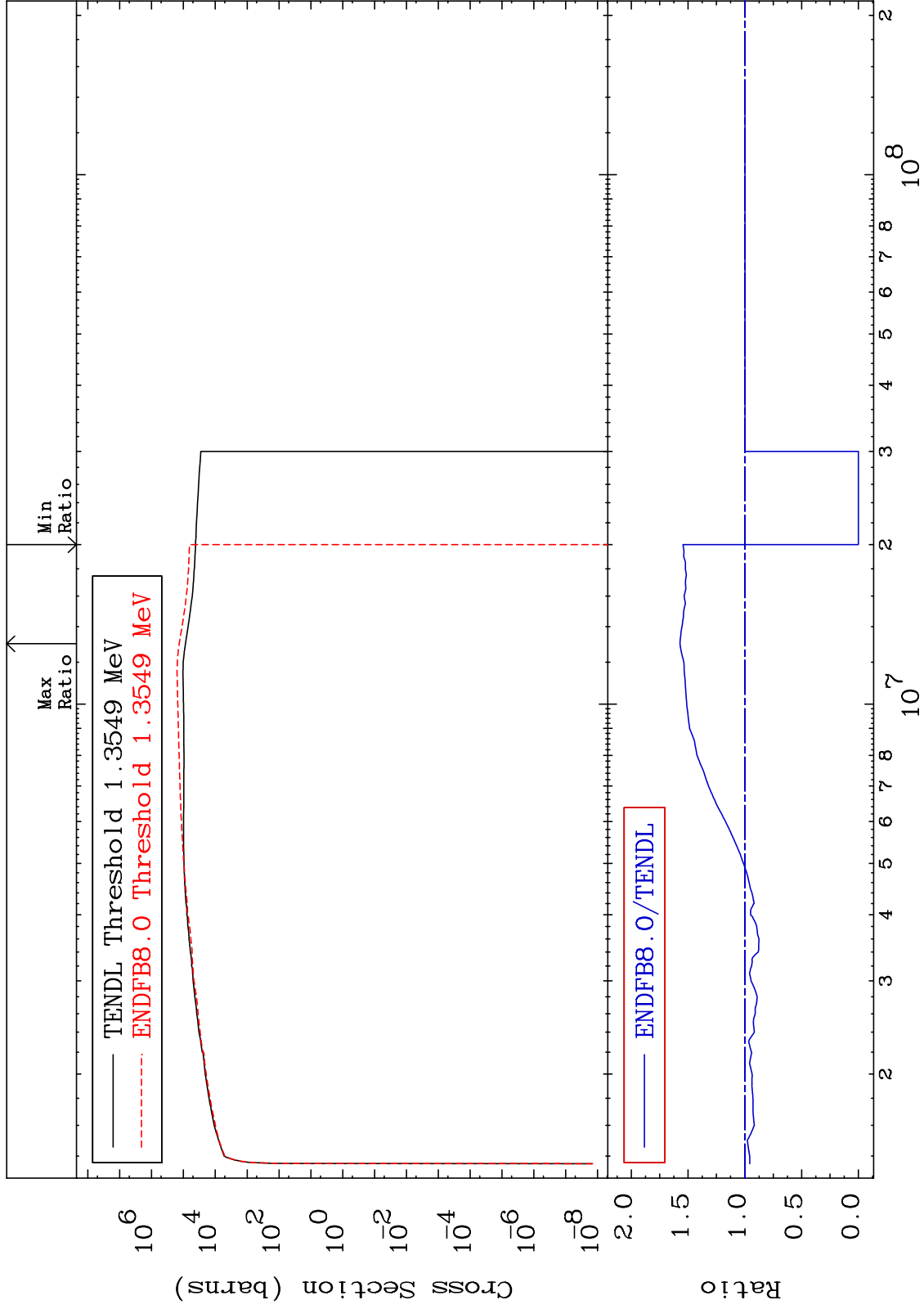
Incident Energy (eV)

28-Ni-60

MAT 2831

Dpa inelastic (mt51-91)
Cross Section

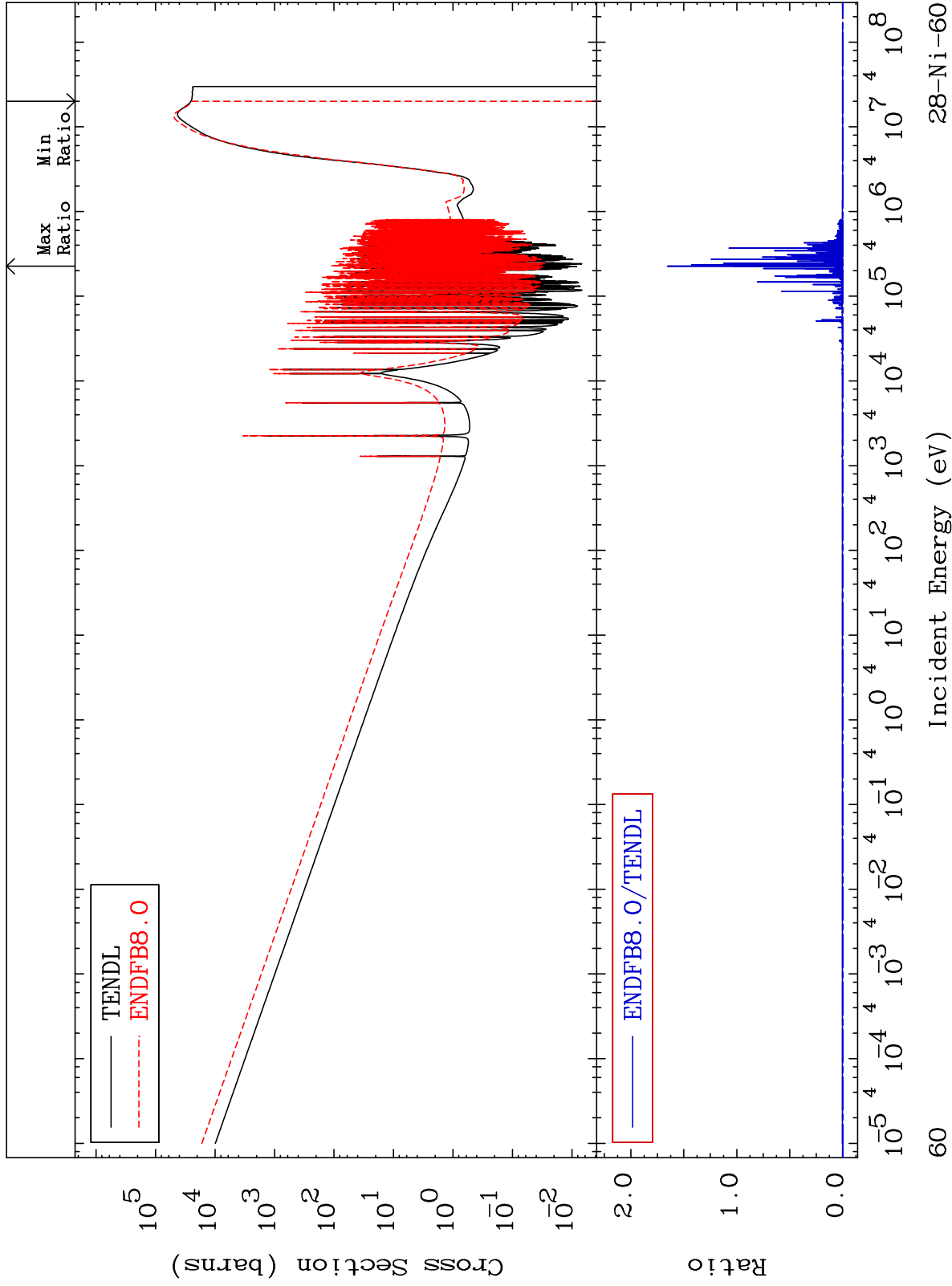
28-Ni-60
-100.0 To 57.09 %



MAT 2831

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-60
-100.0 To 9999. %



60

Incident Energy (eV)

28-Ni-60