

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

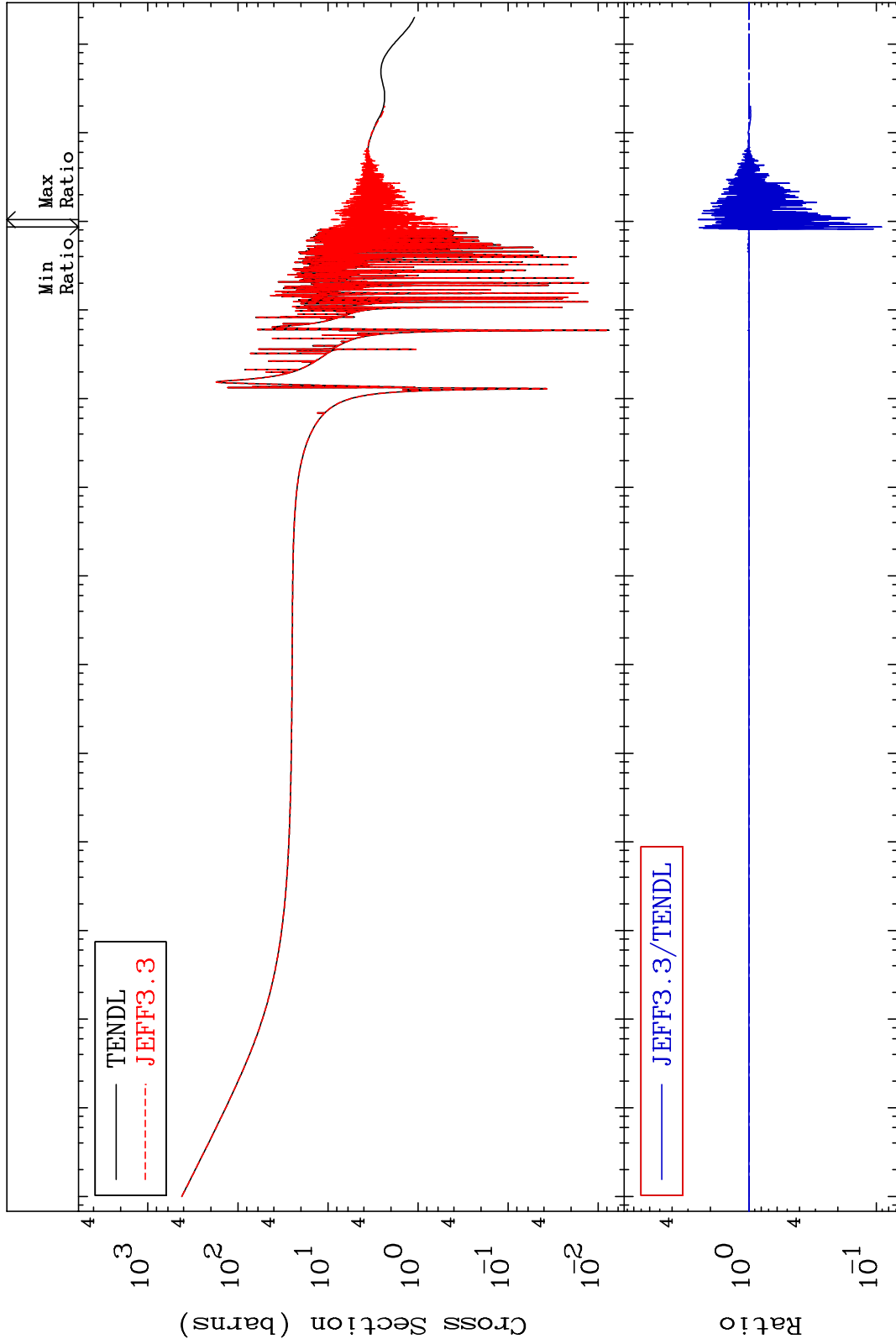
MAT 2825

Total

28-Ni-58

Cross Section

-90.92 To 149.0 %



Incident Energy (eV)

28-Ni-58

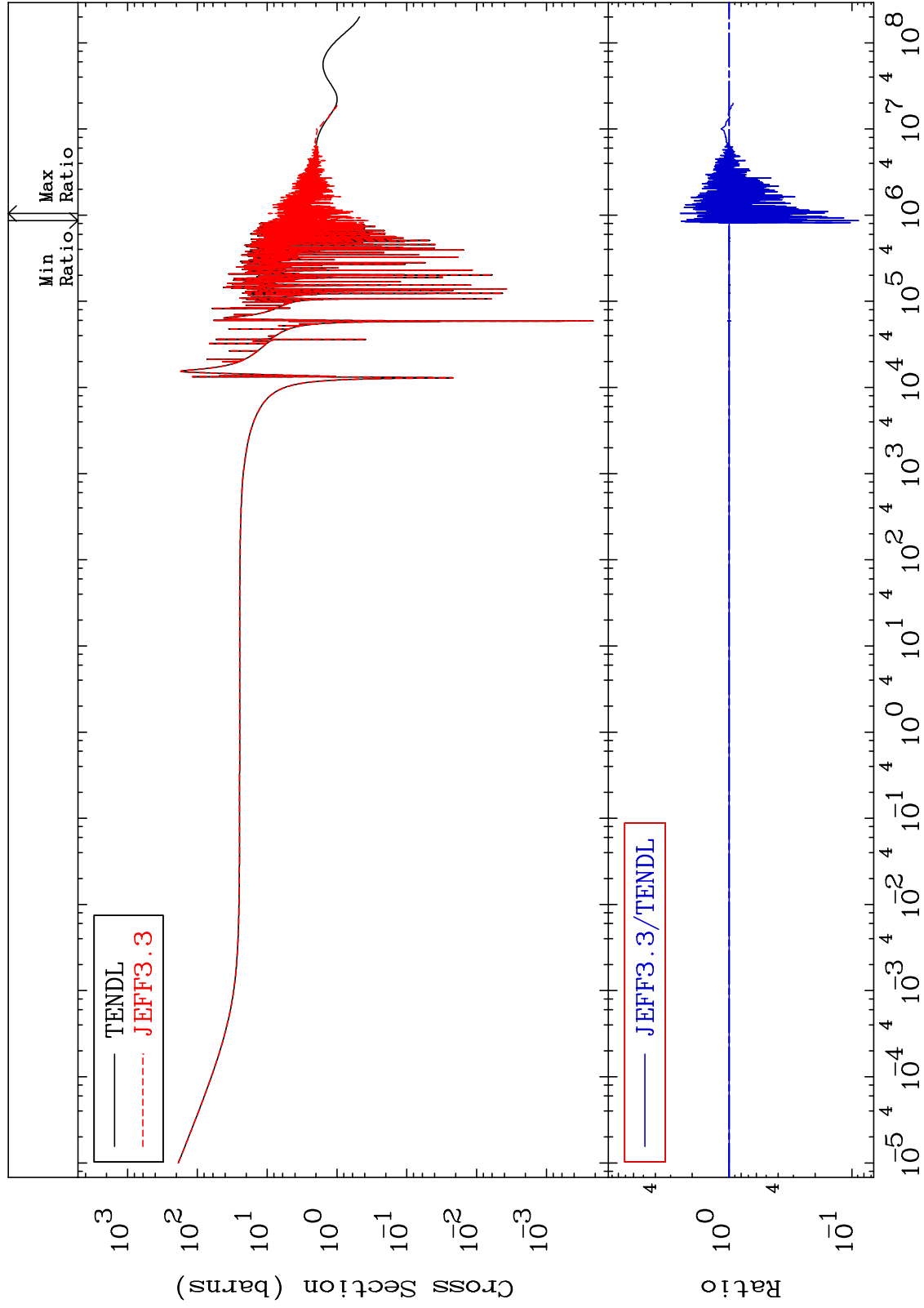
MAT 2825

Elastic

Cross Section

28-Ni-58

-91.14 To 149.5 %



Incident Energy (eV)

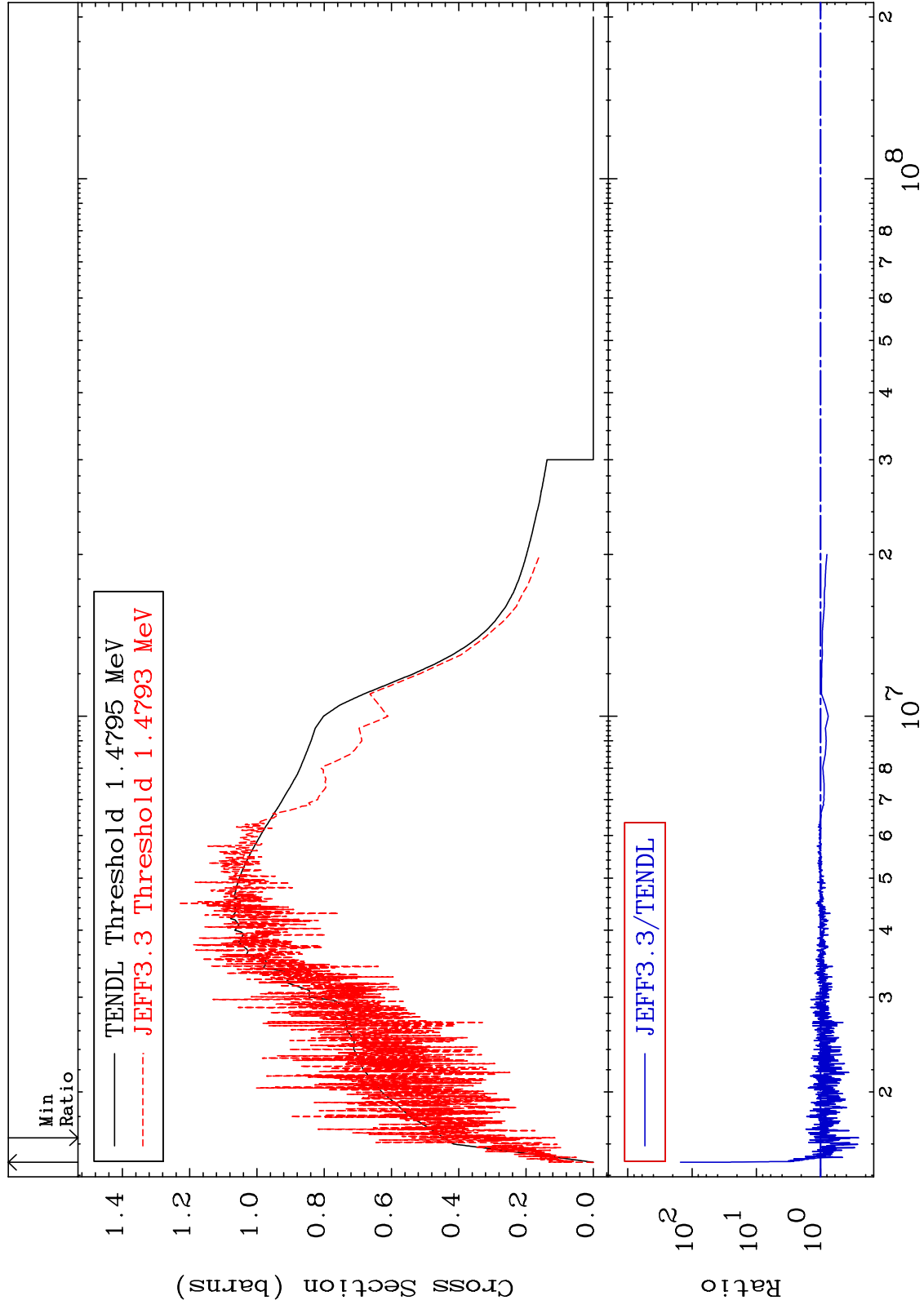
28-Ni-58

2

MAT 2825

Inelastic
Cross Section

28-Ni-58
-74.23 To 9999. %



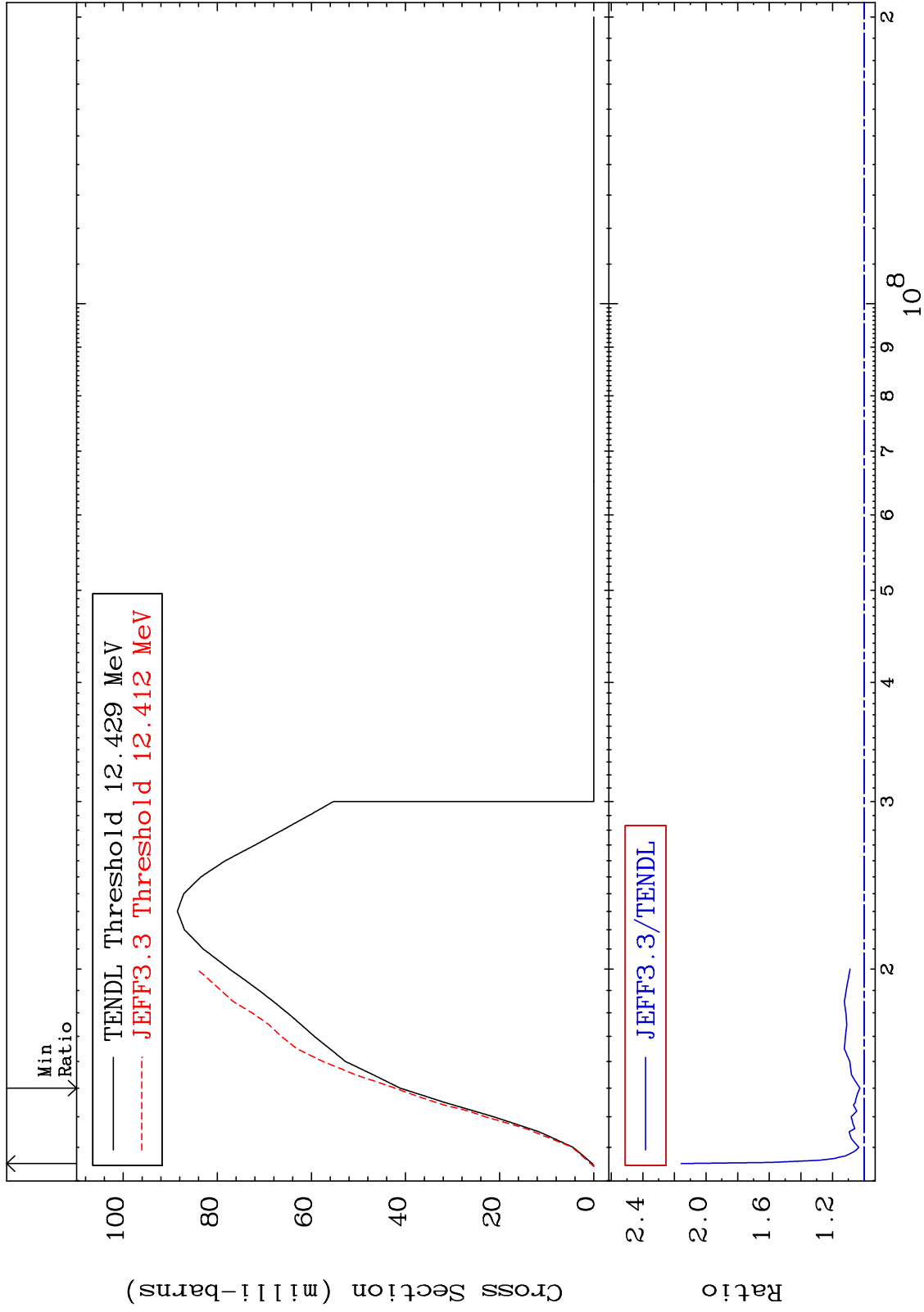
MAT 2825

(n,2n)

28-Ni-58

Cross Section

2.650 To 115.7 %



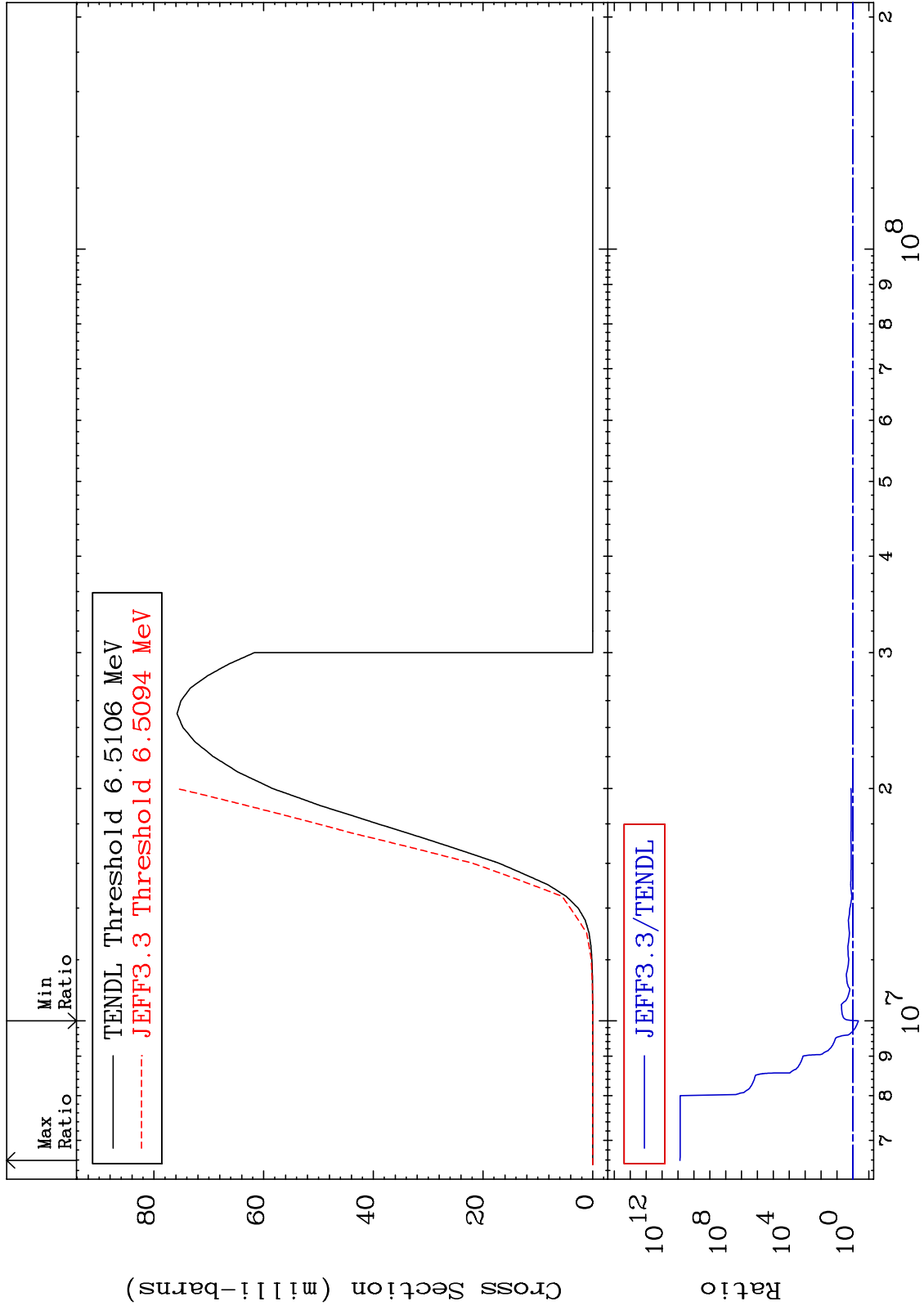
MAT 2825

(n,n') α

28-Ni-58

Cross Section

-55.32 To 9999. %



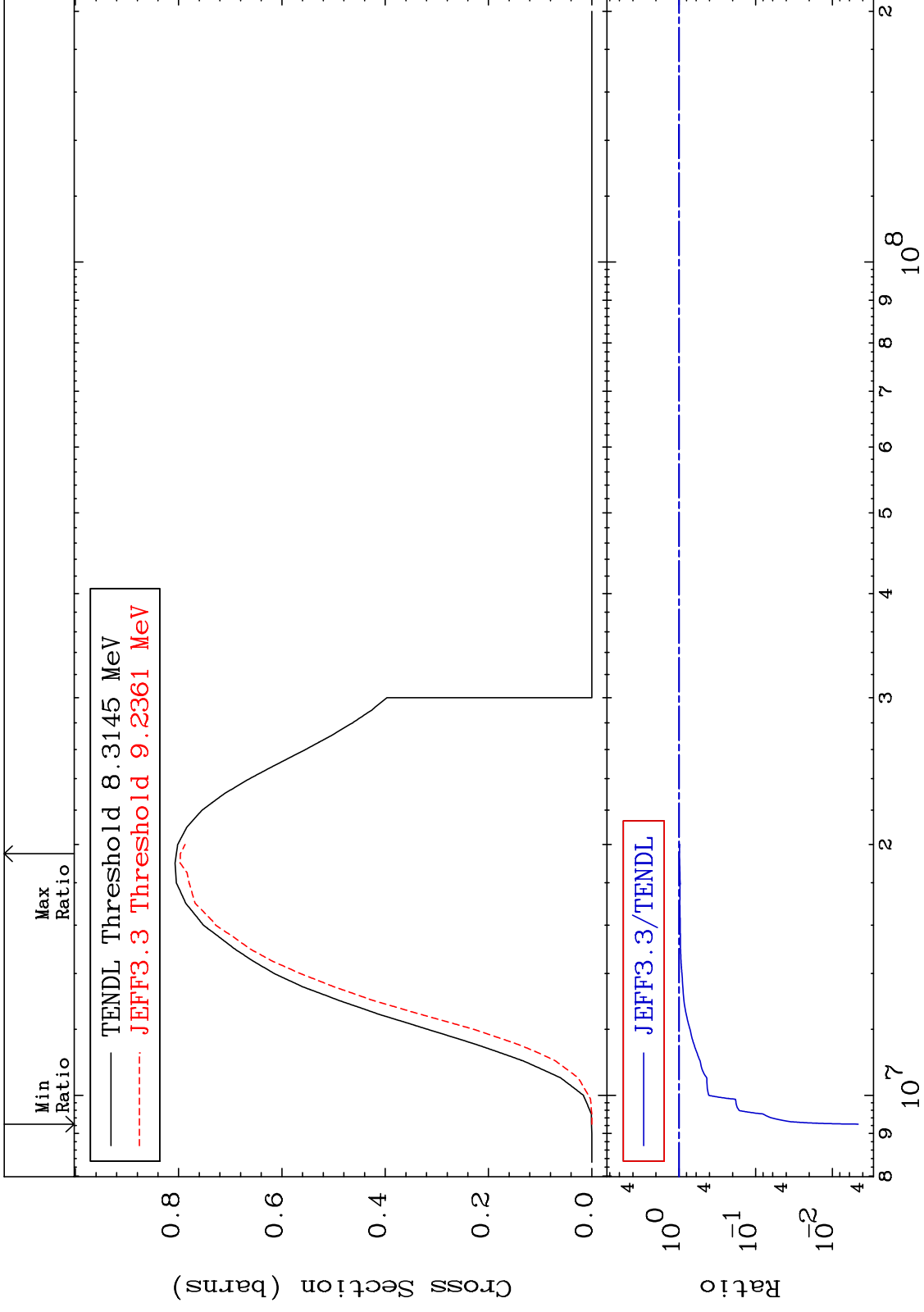
MAT 2825

(n,n') p

28-Ni-58

Cross Section

-99.54 To -0.954%



28-Ni-58

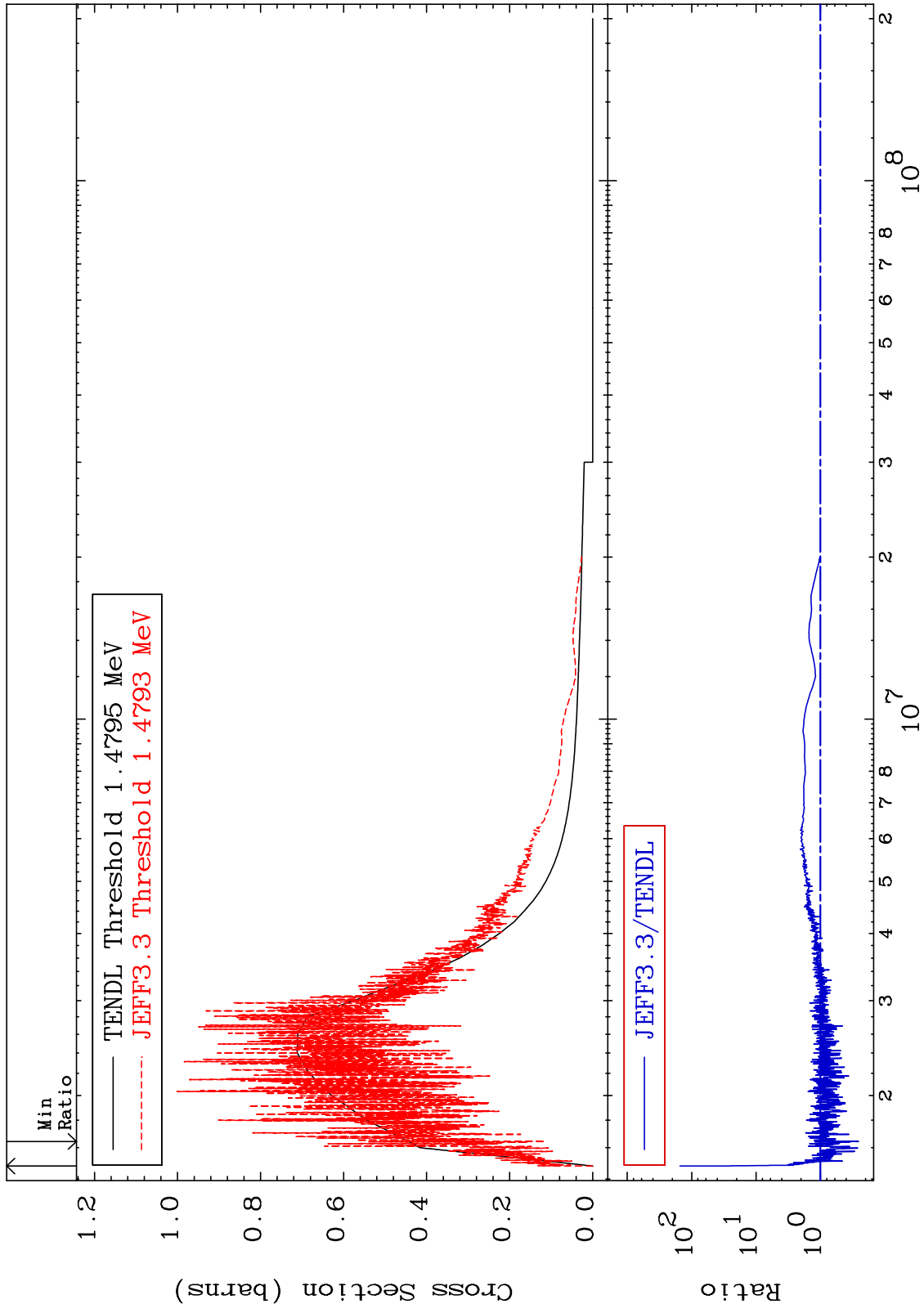
Incident Energy (eV)

6

MAT 2825

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

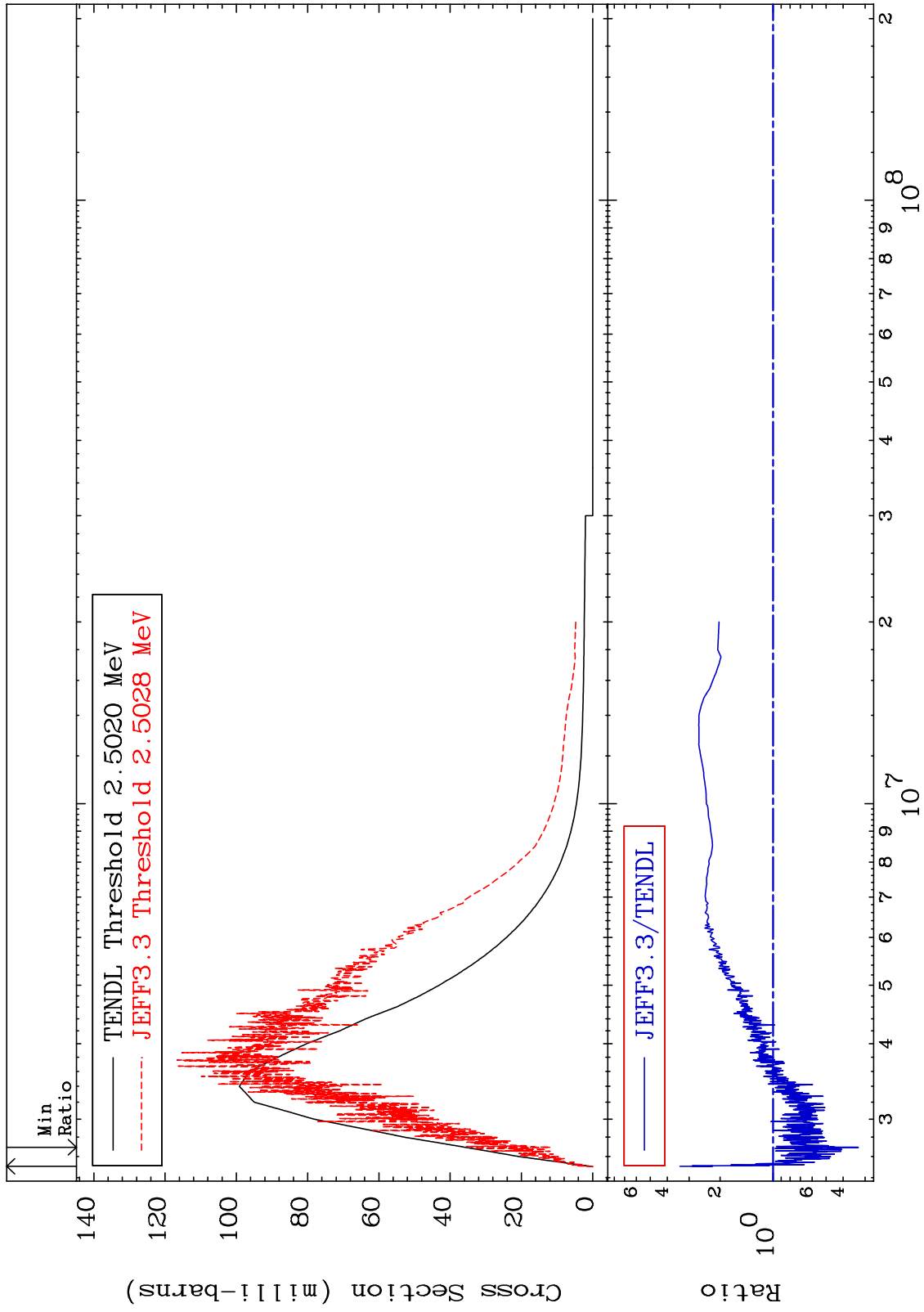
28-Ni-58
-74.23 To 9999. %



MAT 2825

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

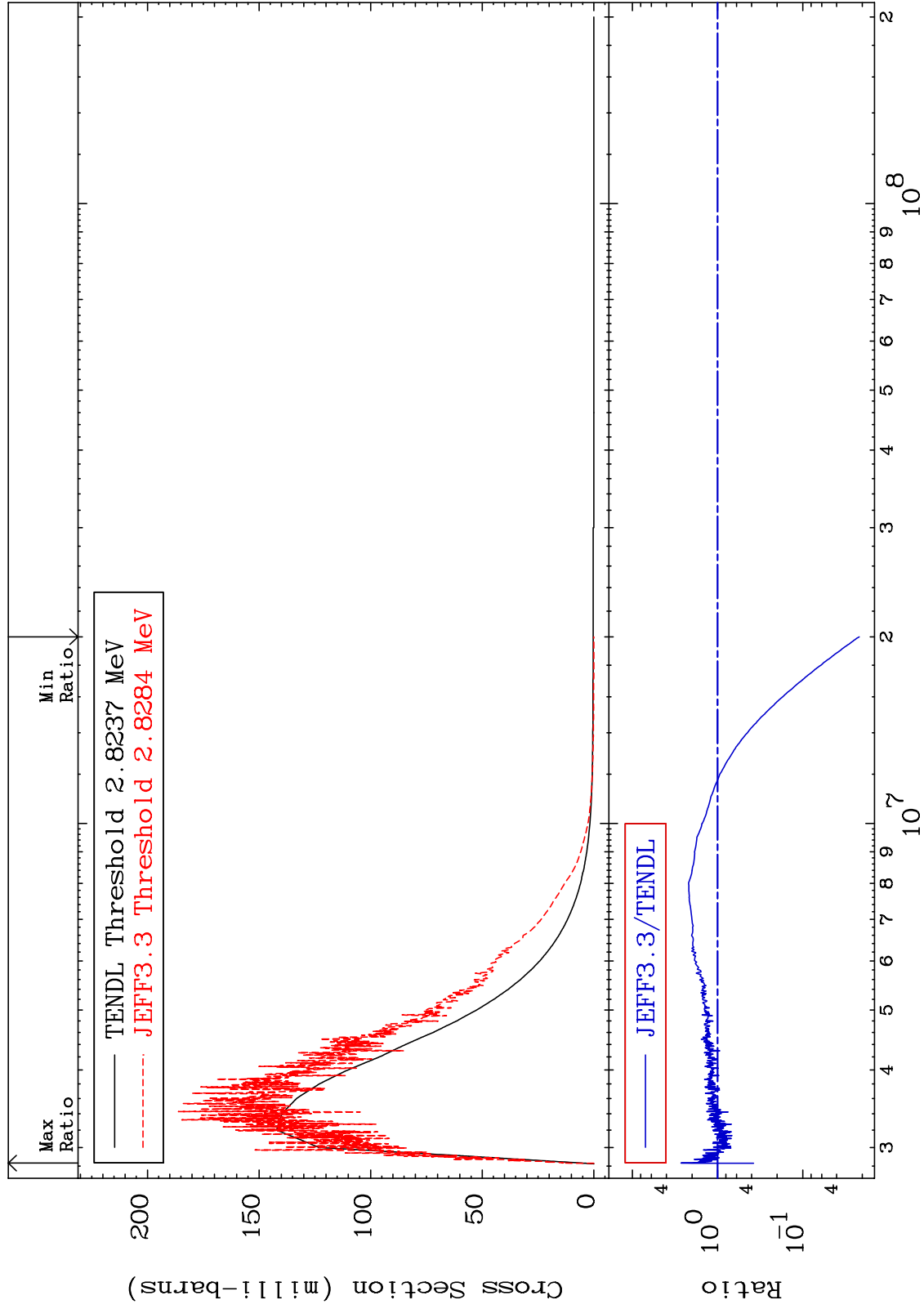
28-Ni-58
-67.27 To 238.3 %



MAT 2825

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

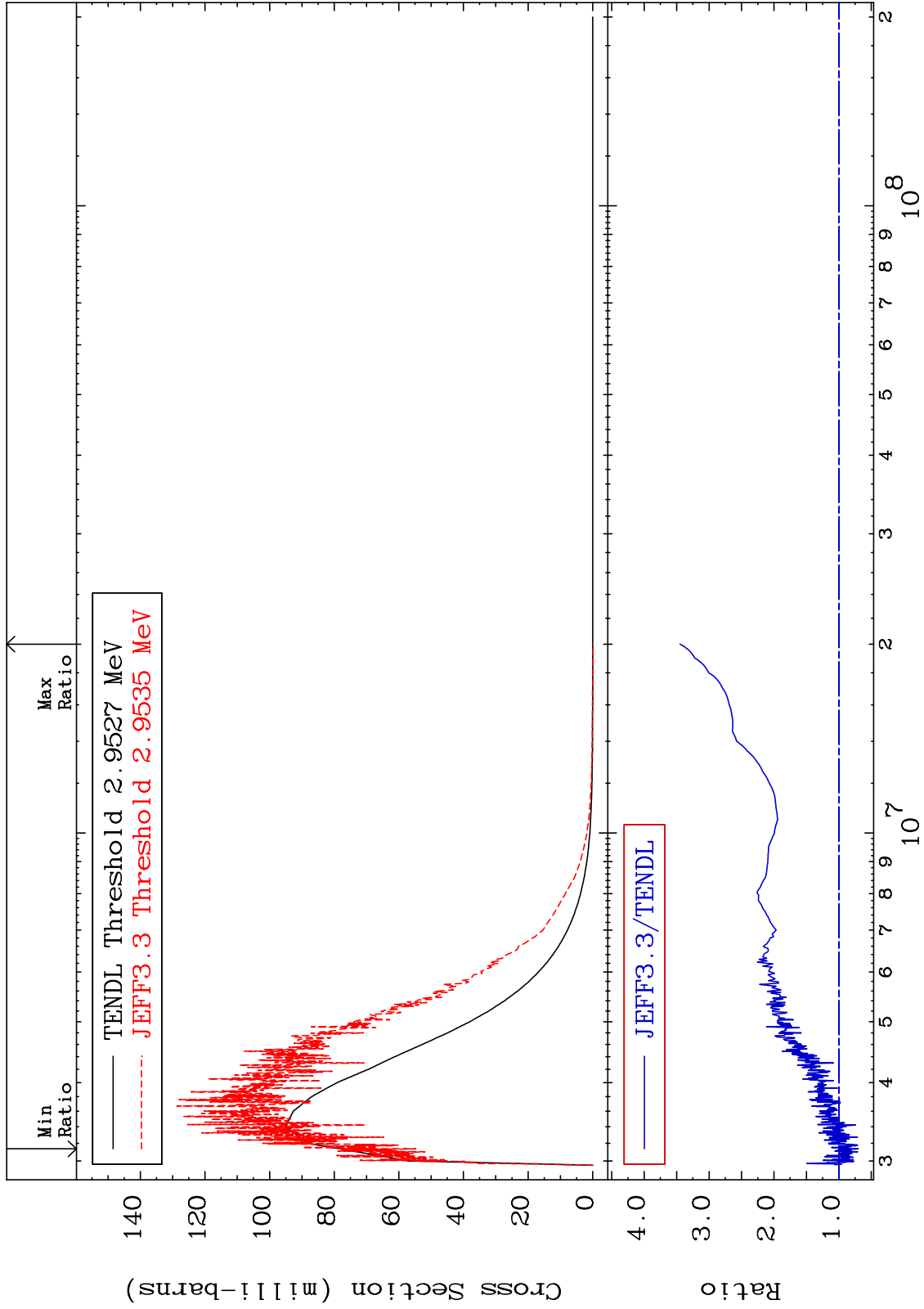
28-Ni-58
-97.83 To 169.0 %



MAT 2825

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

28-Ni-58
-30.09 To 244.8 %

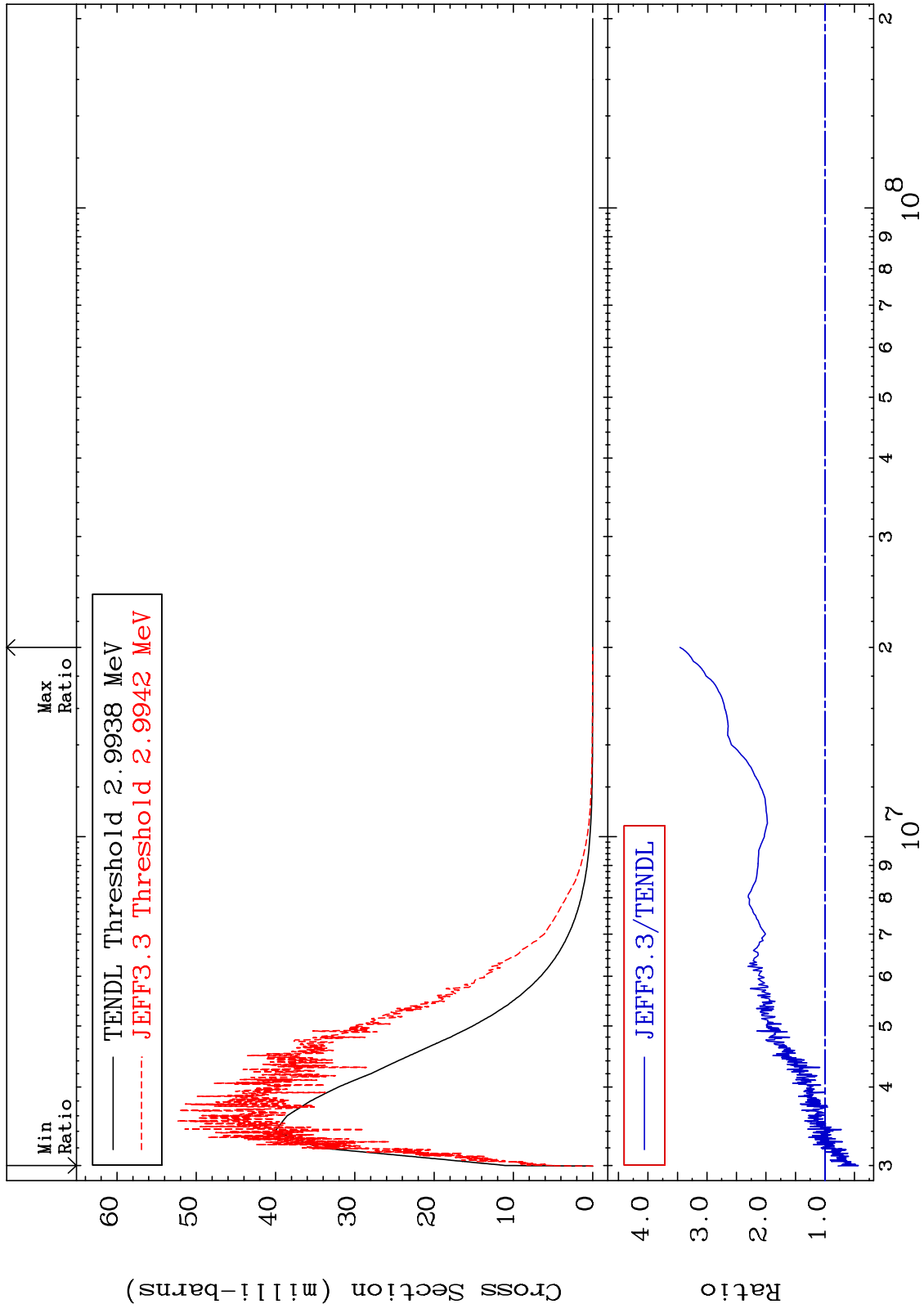


10

Incident Energy (eV)

28-Ni-58

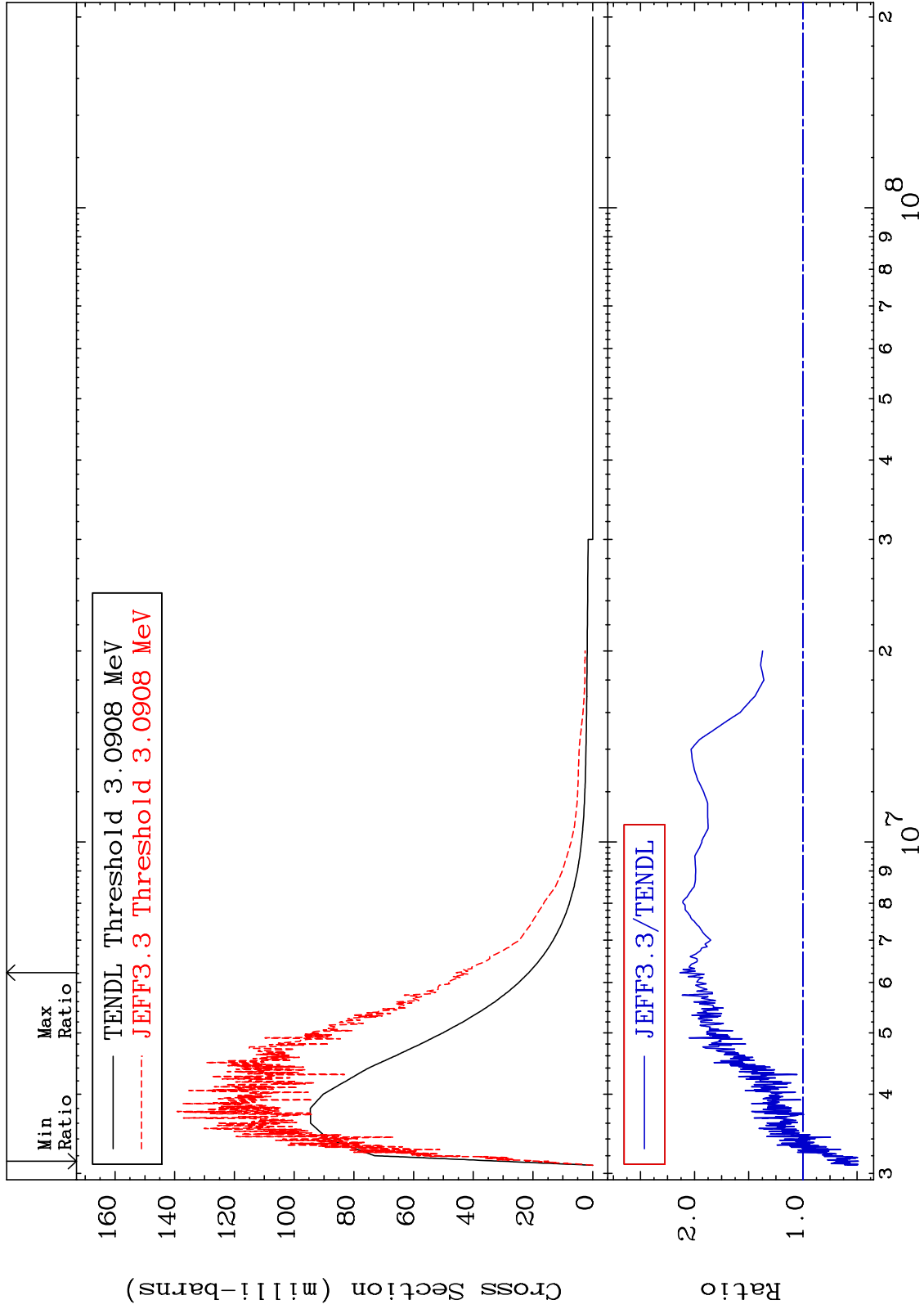
MAT 2825 MT= 55 (n,n') Level Cross Section -56.73 To 245.7 % 28-Ni-58



MAT 2825

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

28-Ni-58
-51.24 To 113.5 %



12

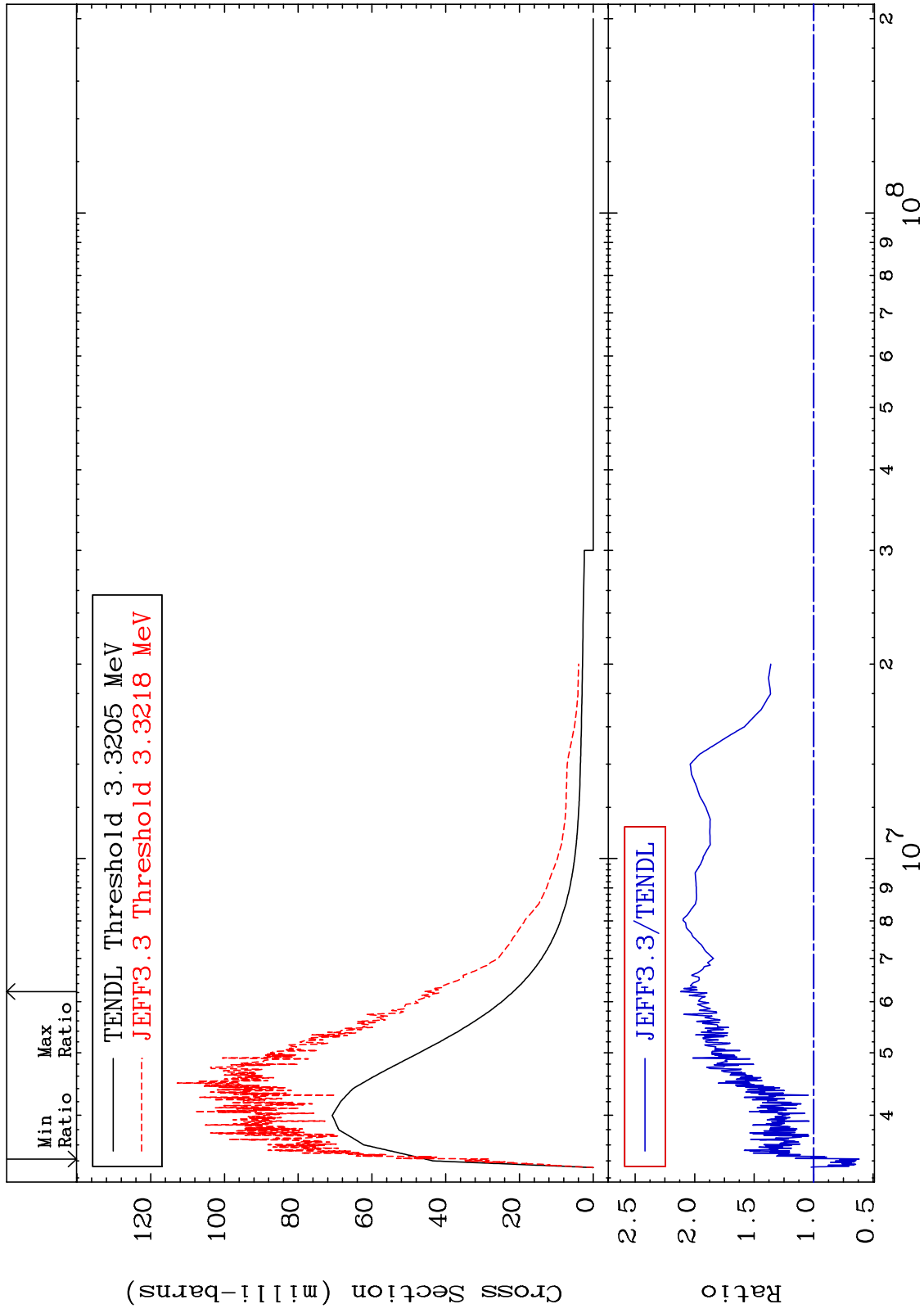
28-Ni-58

28-Ni-58

MAT 2825

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

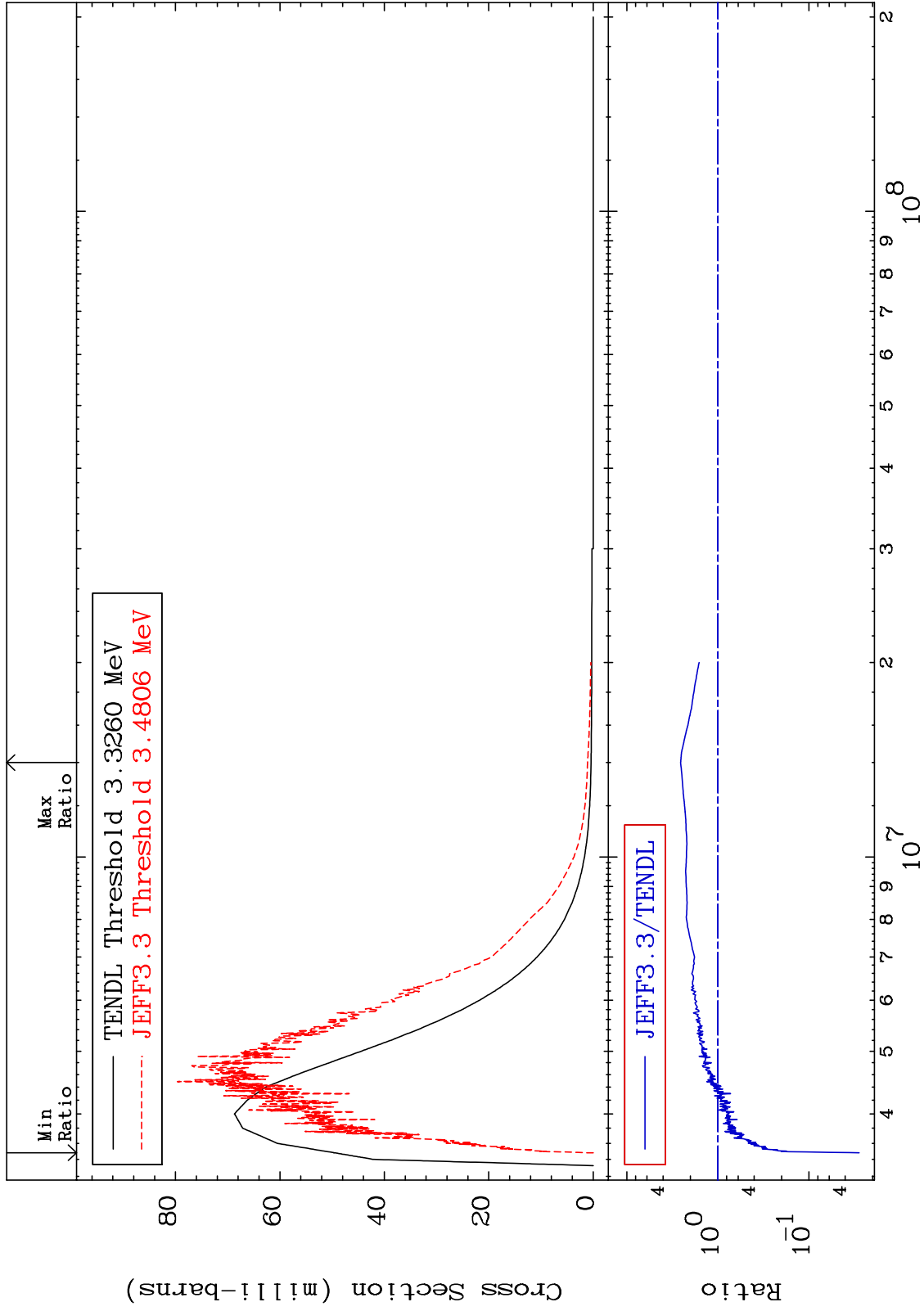
28-Ni-58
-38.22 To 111.8 %



MAT 2825

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

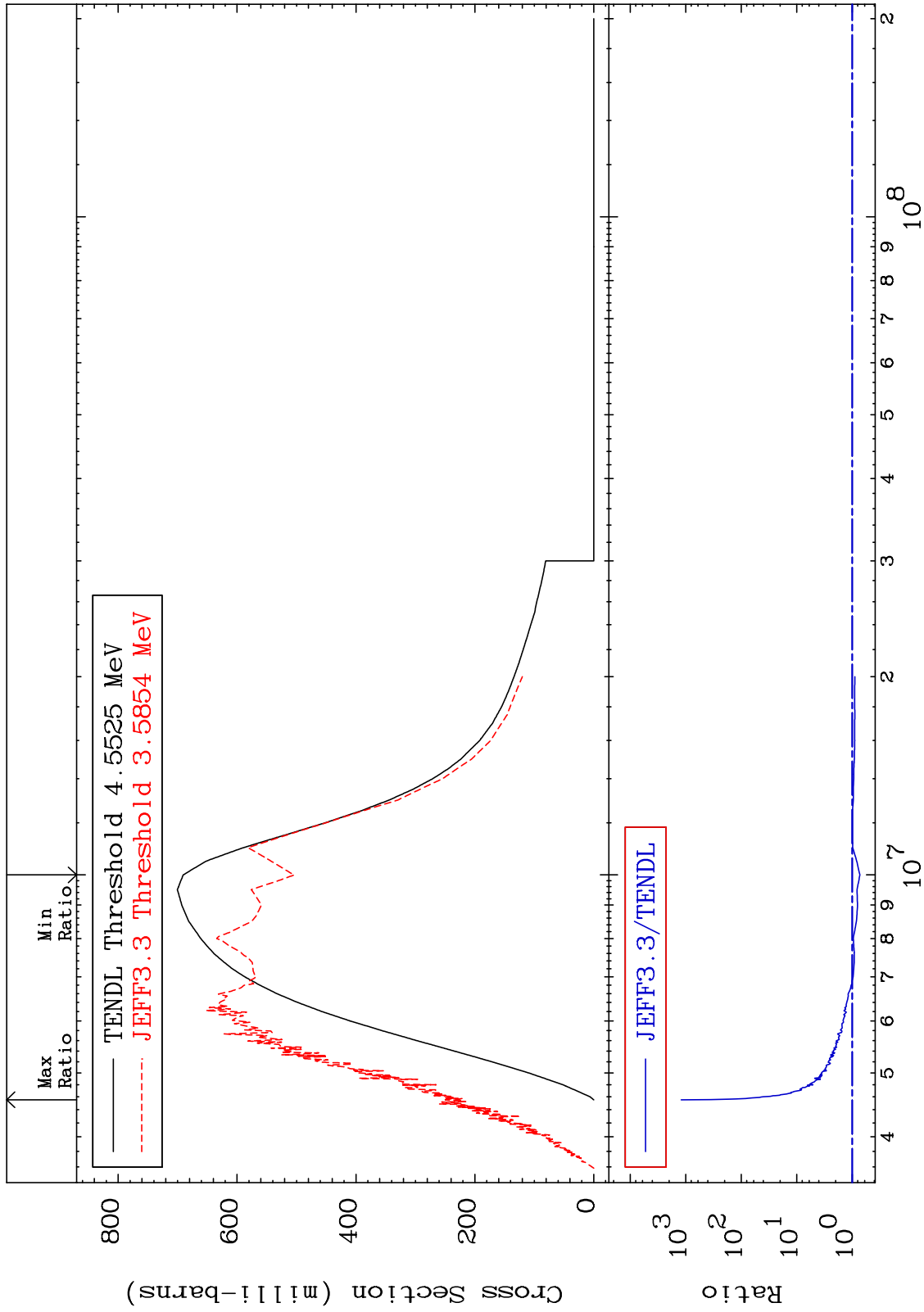
28-Ni-58
-97.19 To 156.6 %



MAT 2825

(n,n') Continuum
Cross Section

28-Ni-58
-27.07 To 9999. %



15

Incident Energy (eV)

28-Ni-58

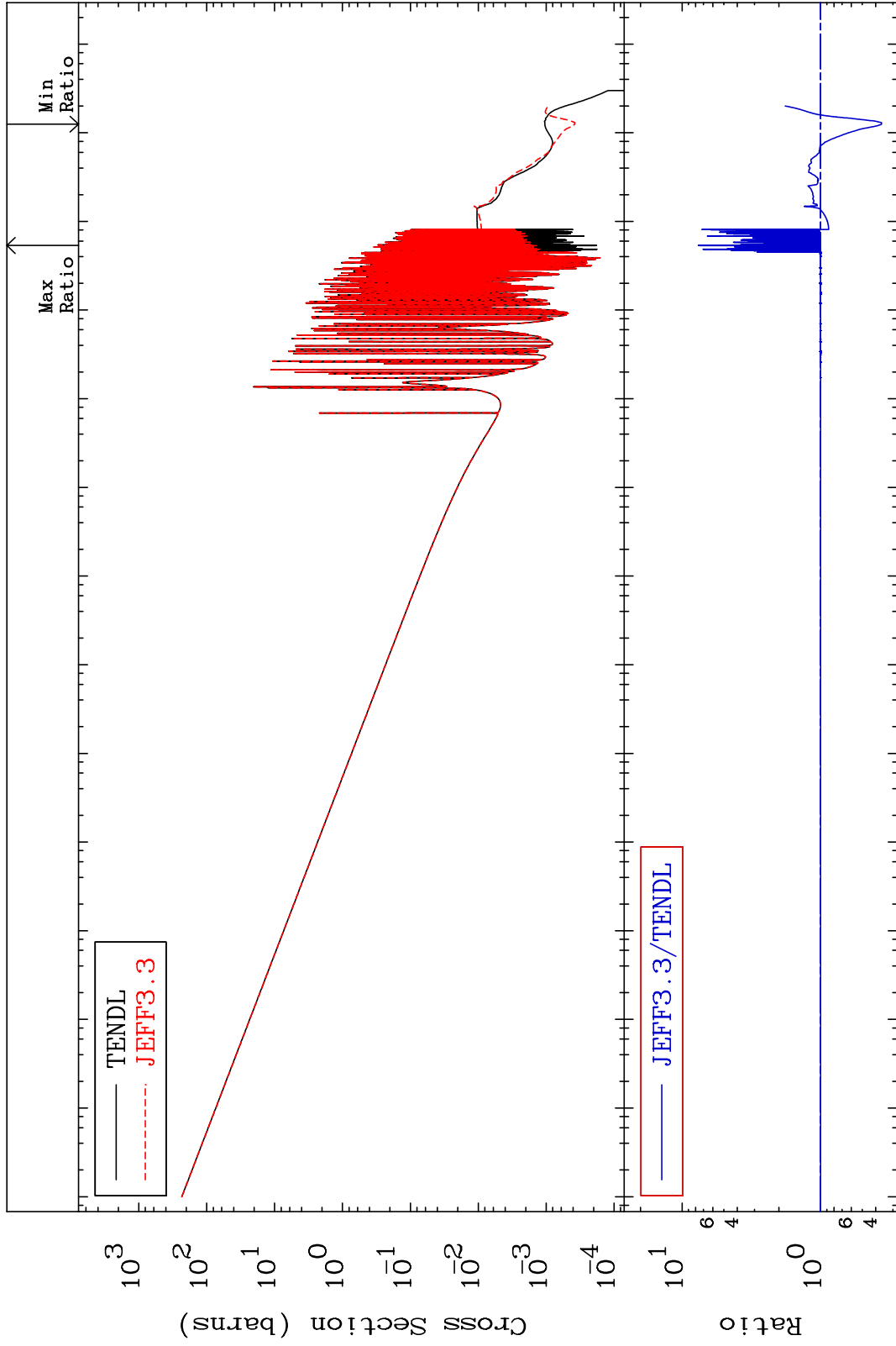
MAT 2825

(n, γ)

28-Ni-58

Cross Section

-63.74 To 662.8 %



Incident Energy (eV)

16

28-Ni-58

28-Ni-58

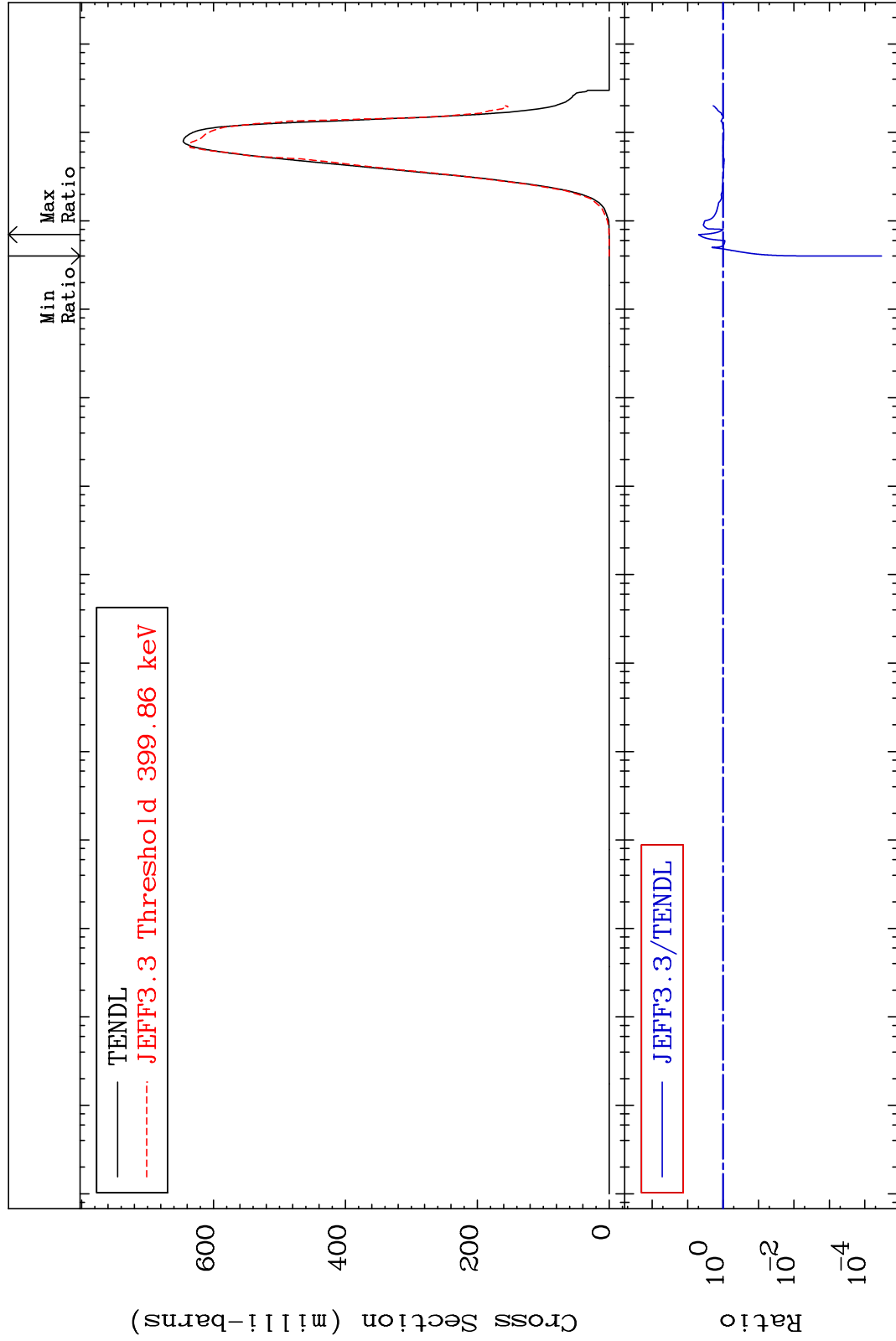
MAT 2825

(n,p)

28-Ni-58

Cross Section

-100.0 To 388.1 %



17

Incident Energy (eV)

28-Ni-58

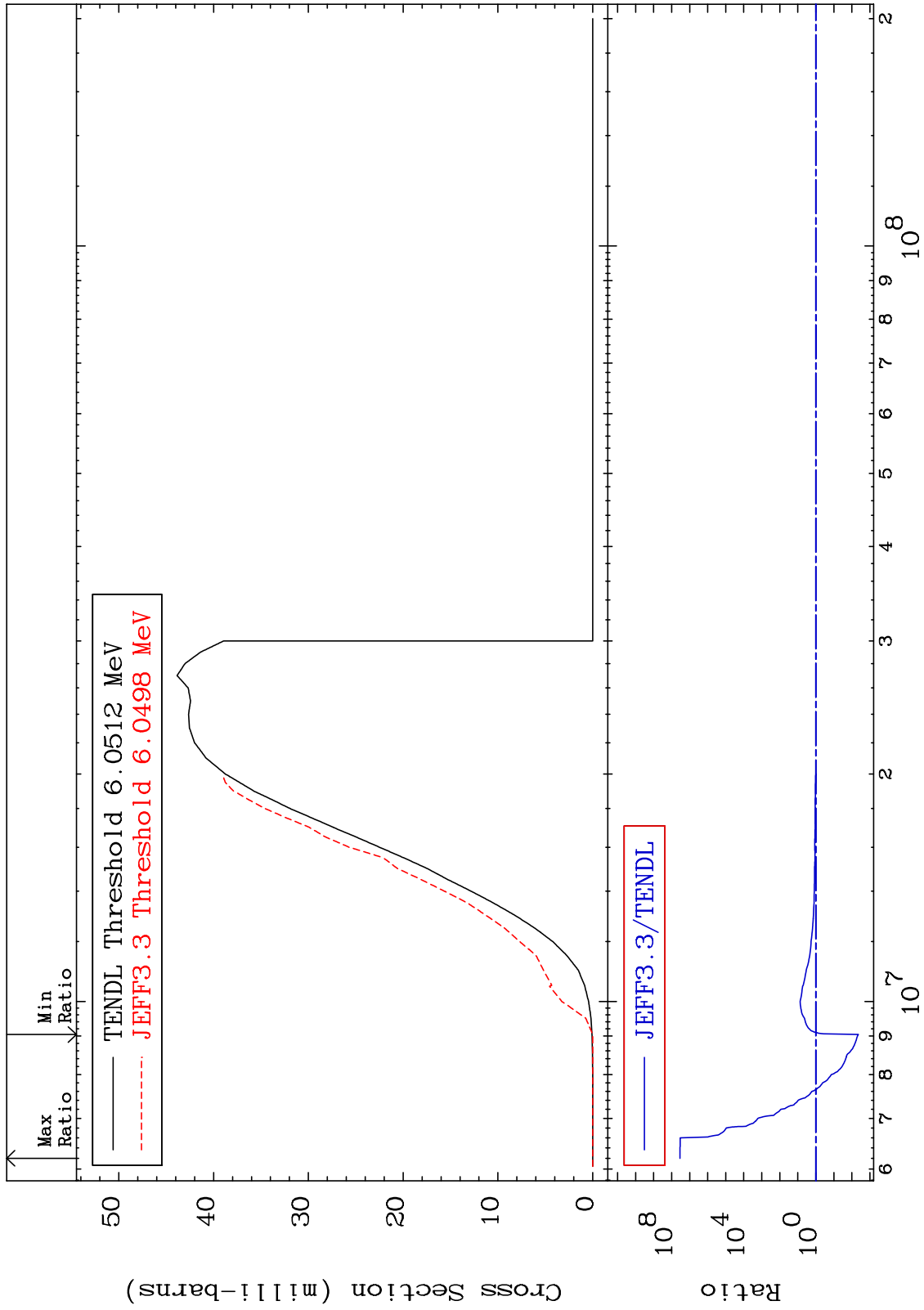
MAT 2825

(n, d)

28-Ni-58

Cross Section

-99.57 To 9999. %



18

Incident Energy (eV)

28-Ni-58

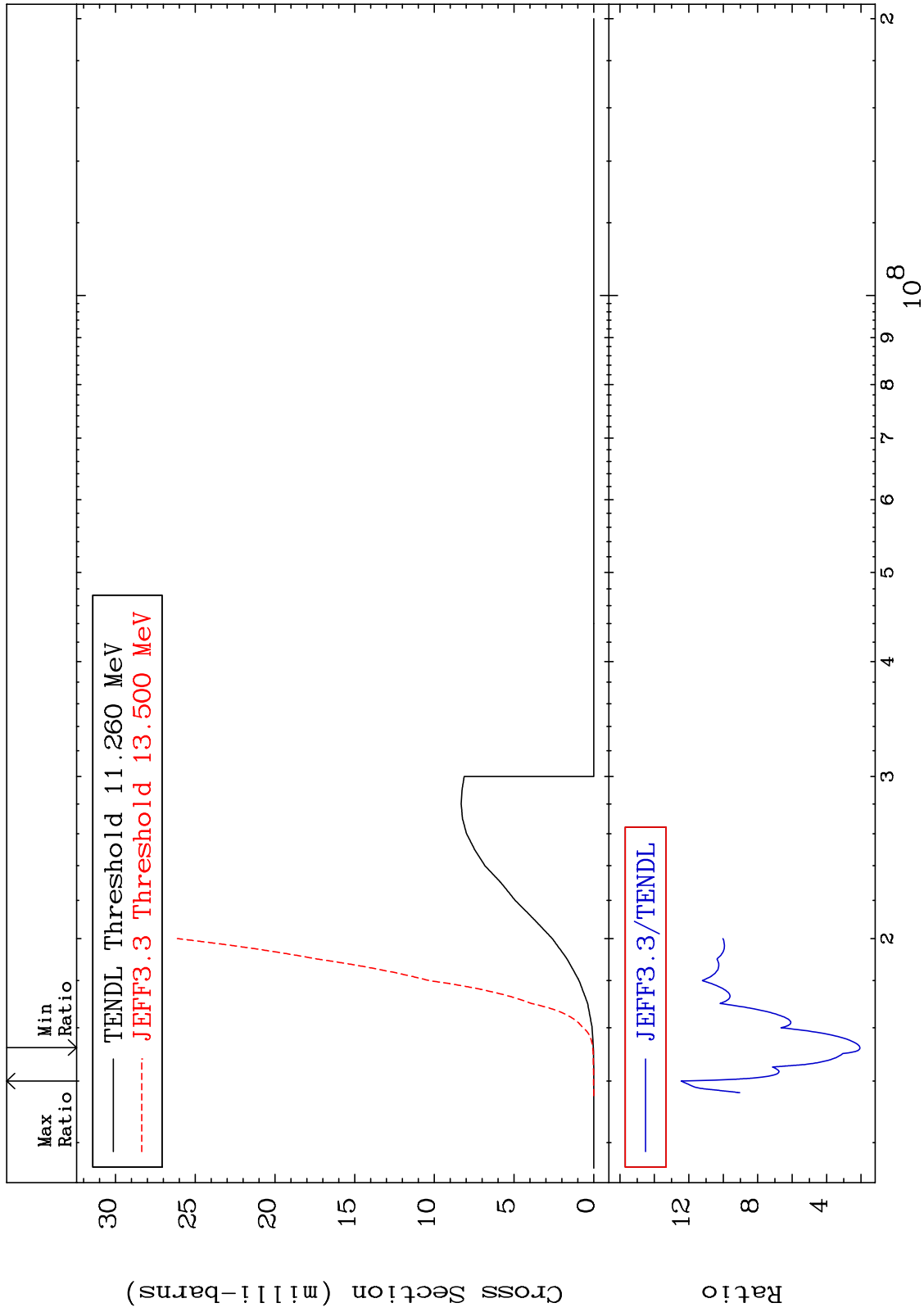
MAT 2825

(n, t)

28-Ni-58

Cross Section

106.3 To 1144. %



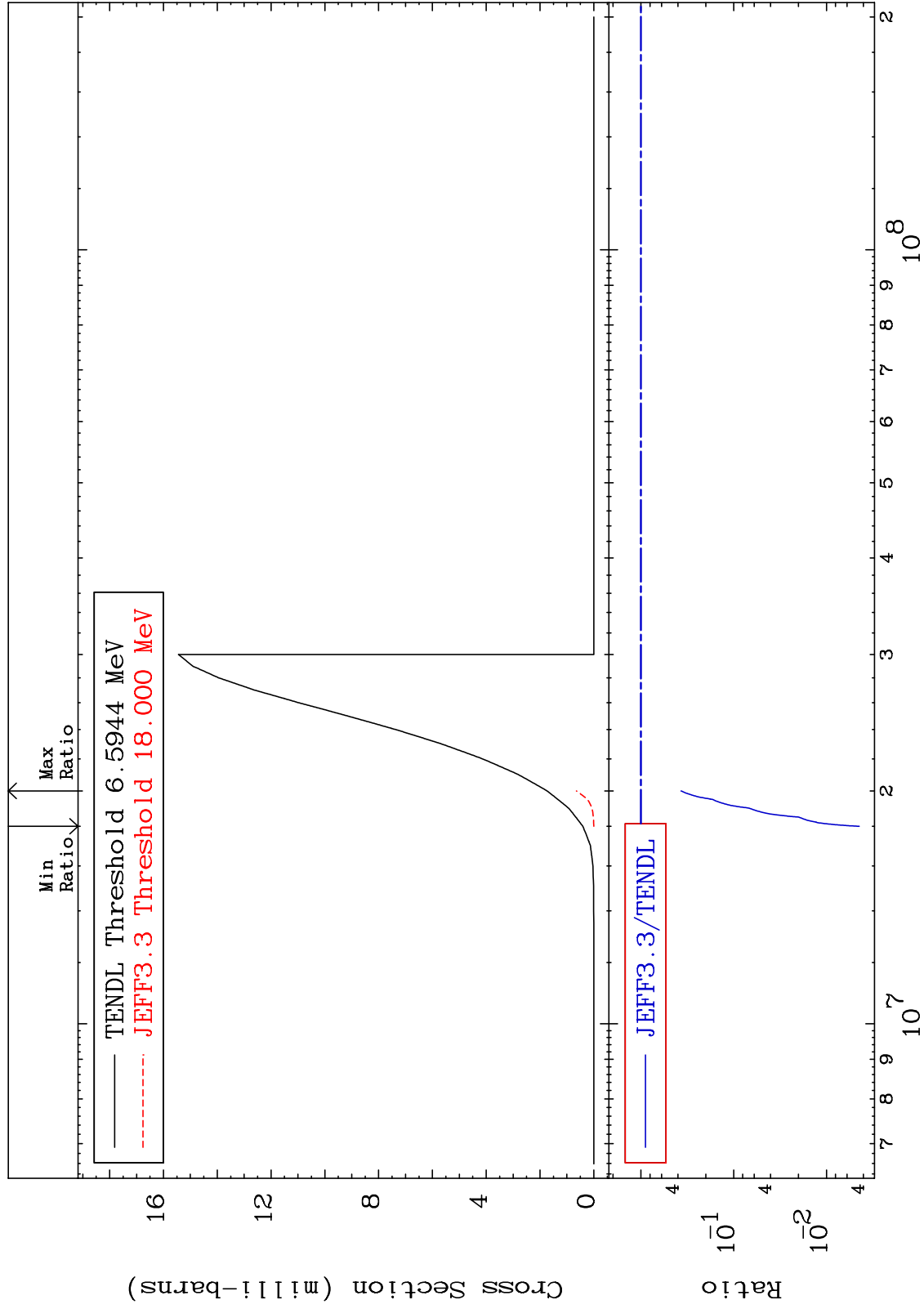
MAT 2825

(n, He-3)

28-Ni-58

Cross Section

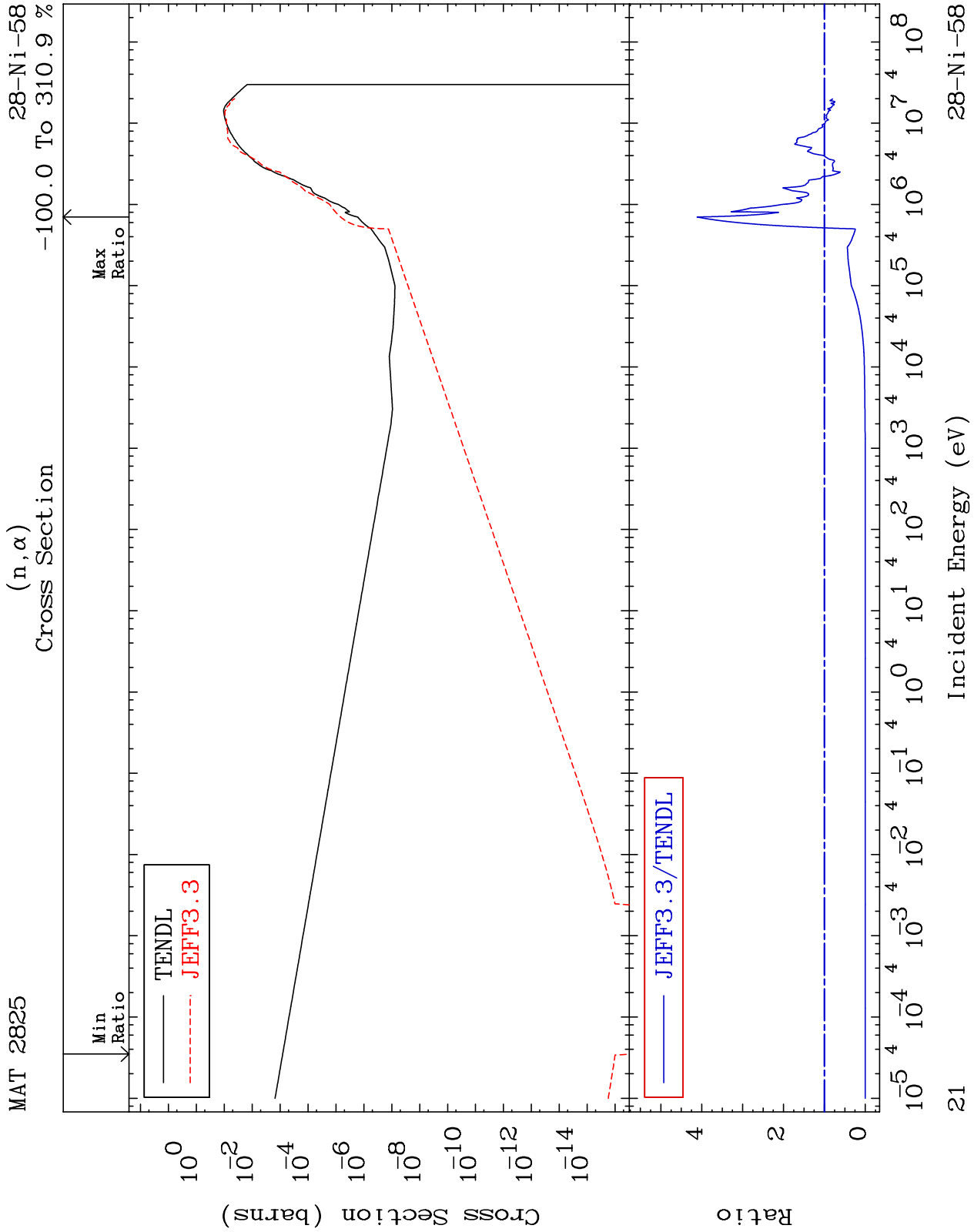
-99.56 To -63.02%



20

Incident Energy (eV)

28-Ni-58



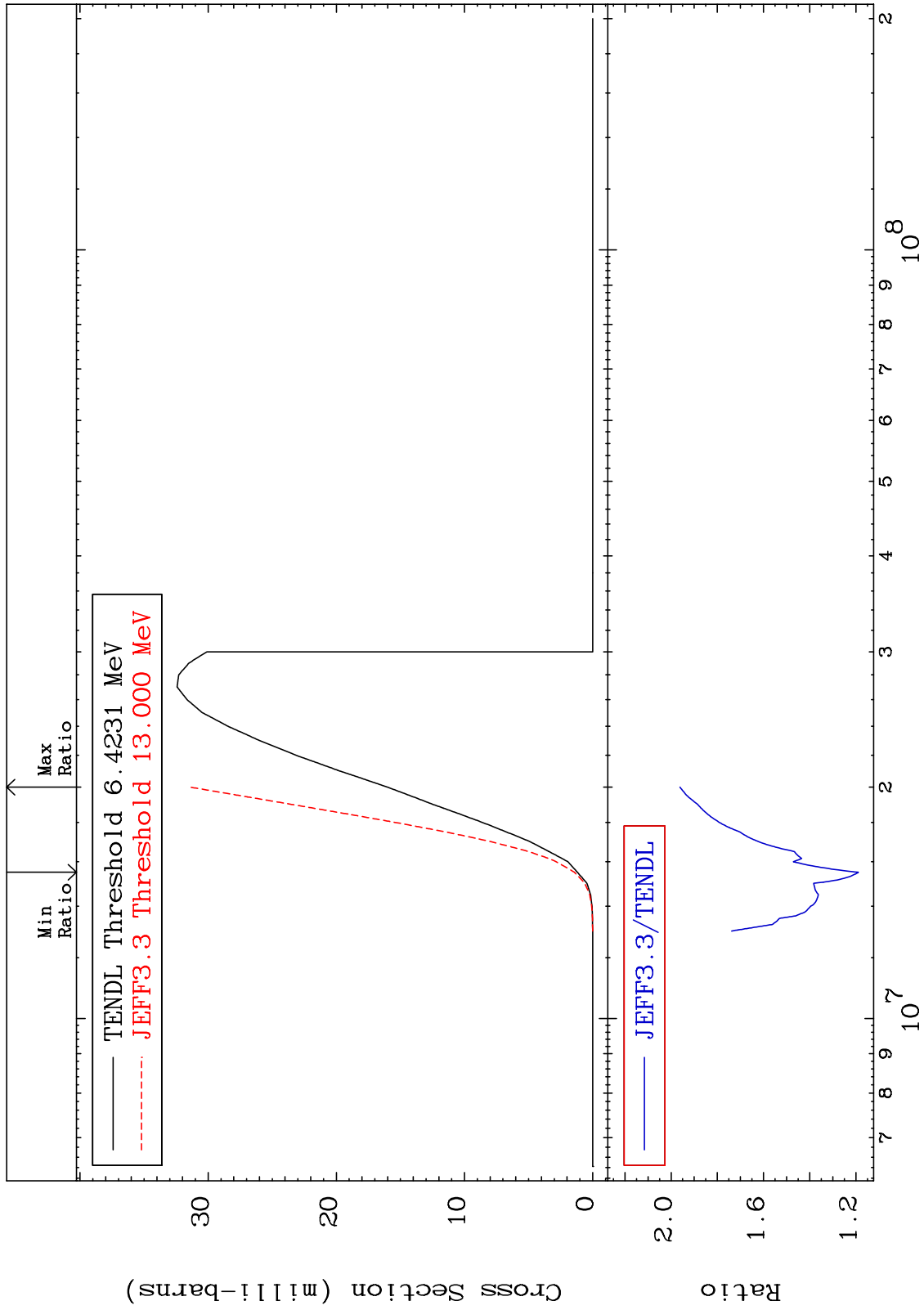
MAT 2825

(n,p) α

28-Ni-58

Cross Section

18.92 To 96.15 %



22

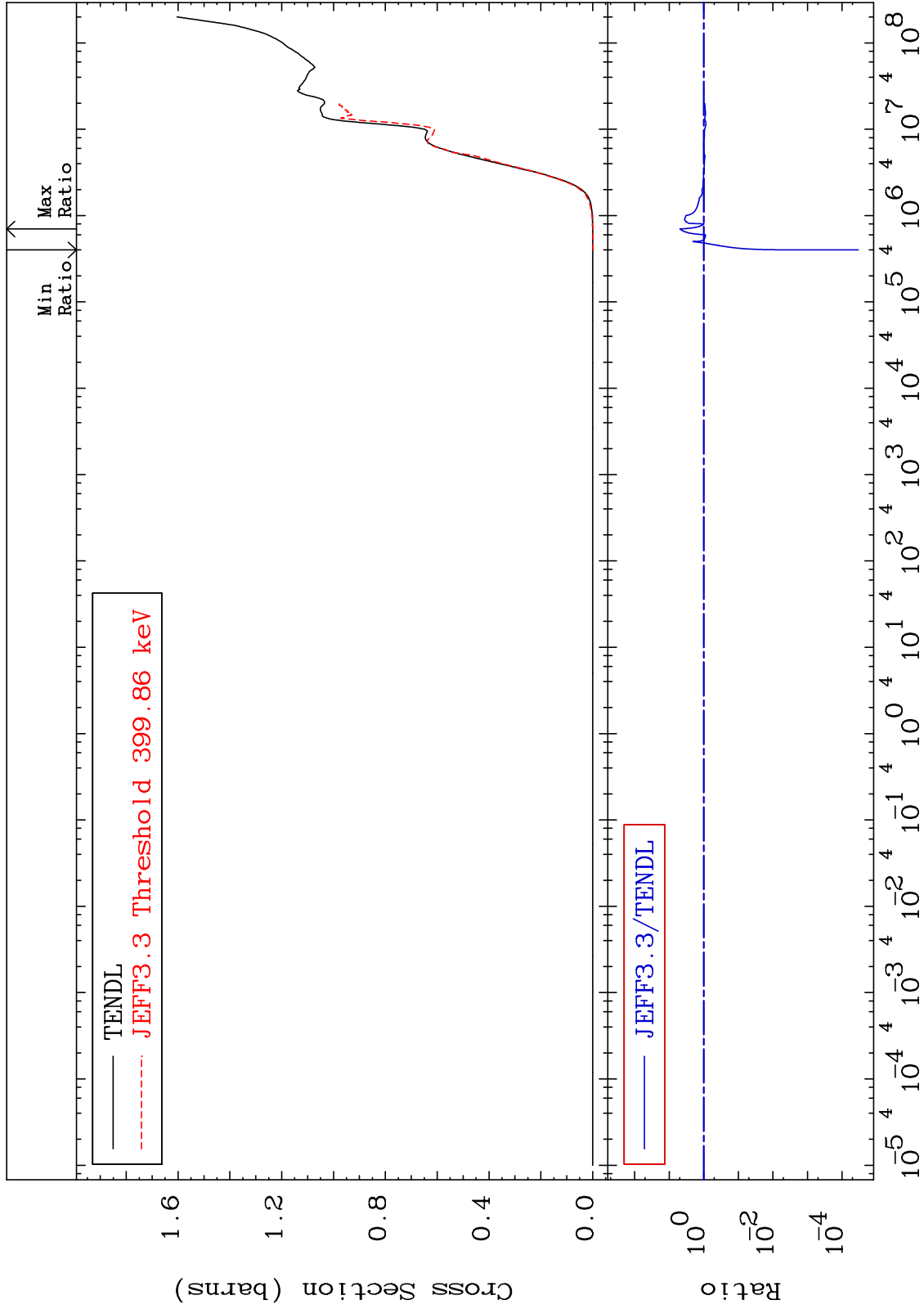
28-Ni-58

28-Ni-58

MAT 2825

Hydrogen Production Cross Section

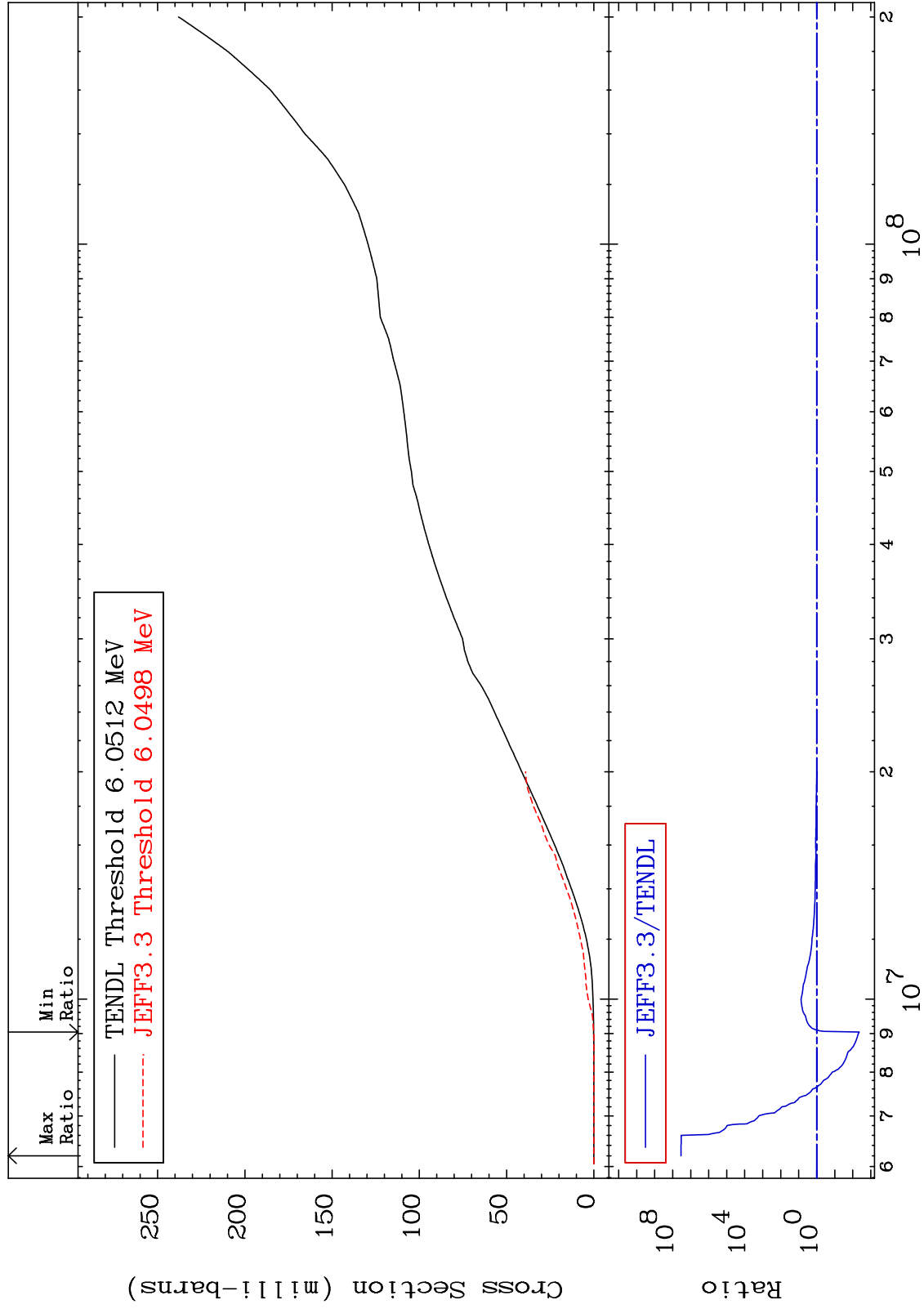
28-Ni-58
-100.0 To 388.1 %



MAT 2825

Deuterium Production
Cross Section

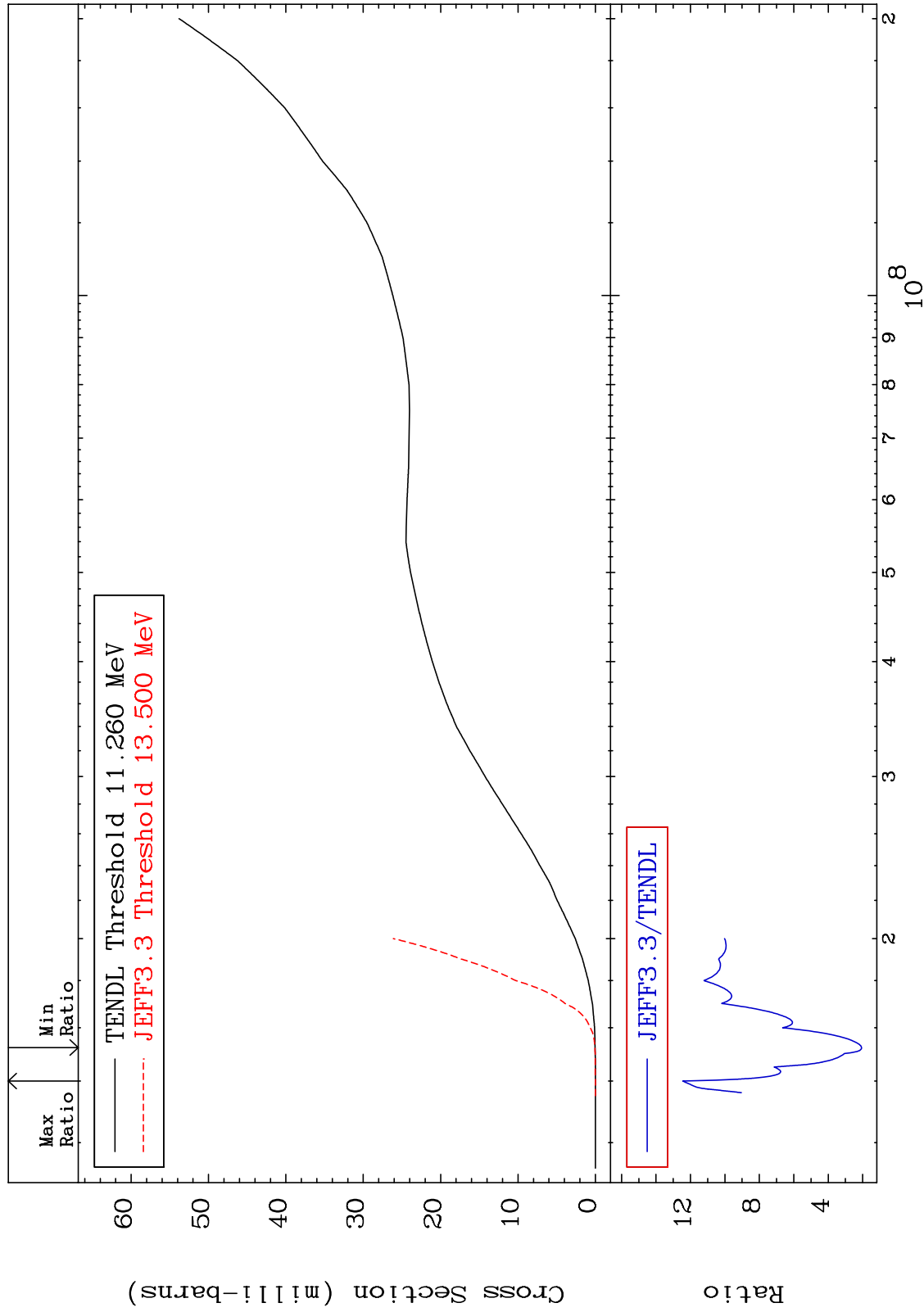
28-Ni-58
-99.57 To 9999. %



MAT 2825

Tritium Production
Cross Section

28-Ni-58
106.3 To 1144. %



25

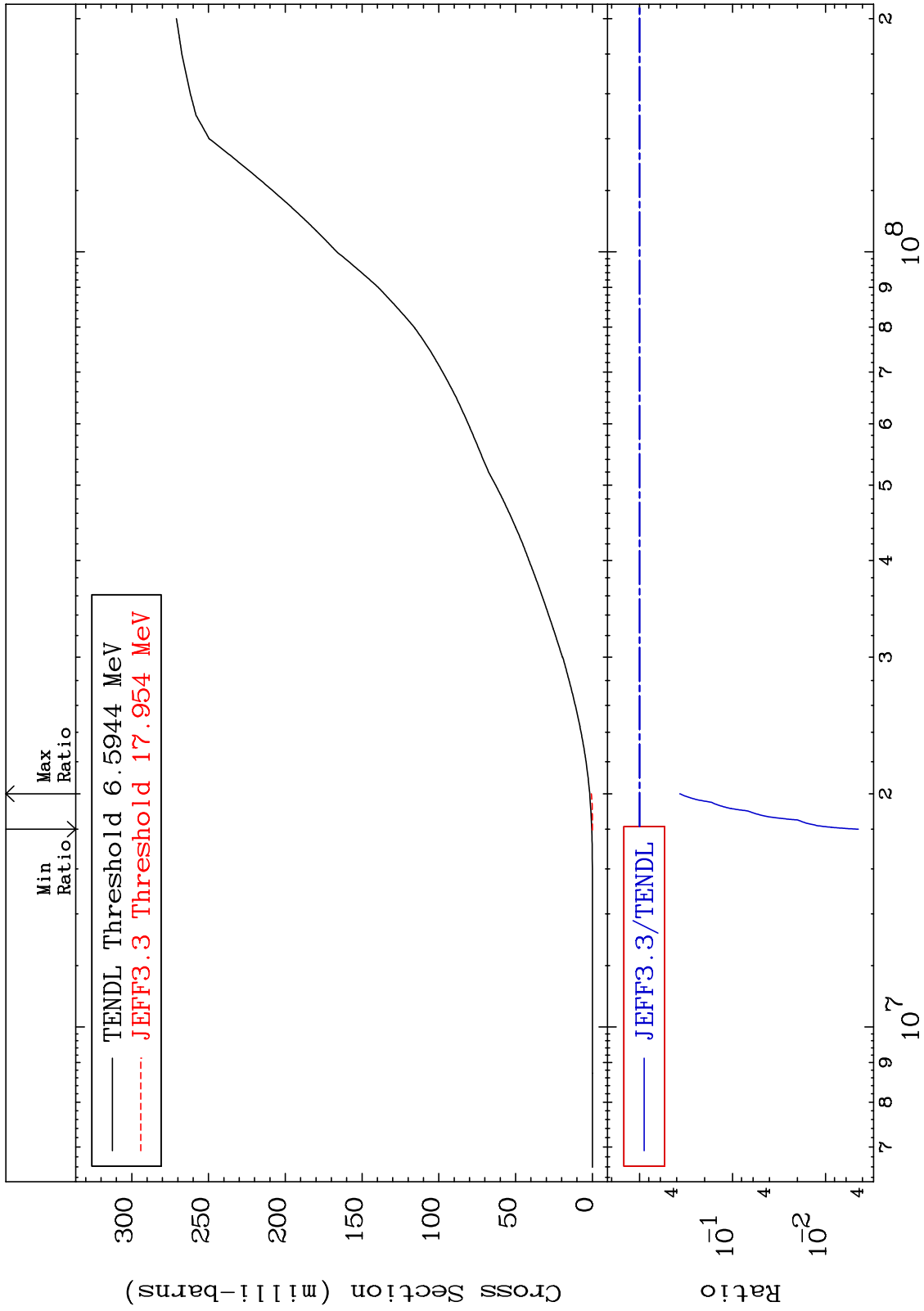
Incident Energy (eV)

28-Ni-58

MAT 2825

He-3 Production
Cross Section

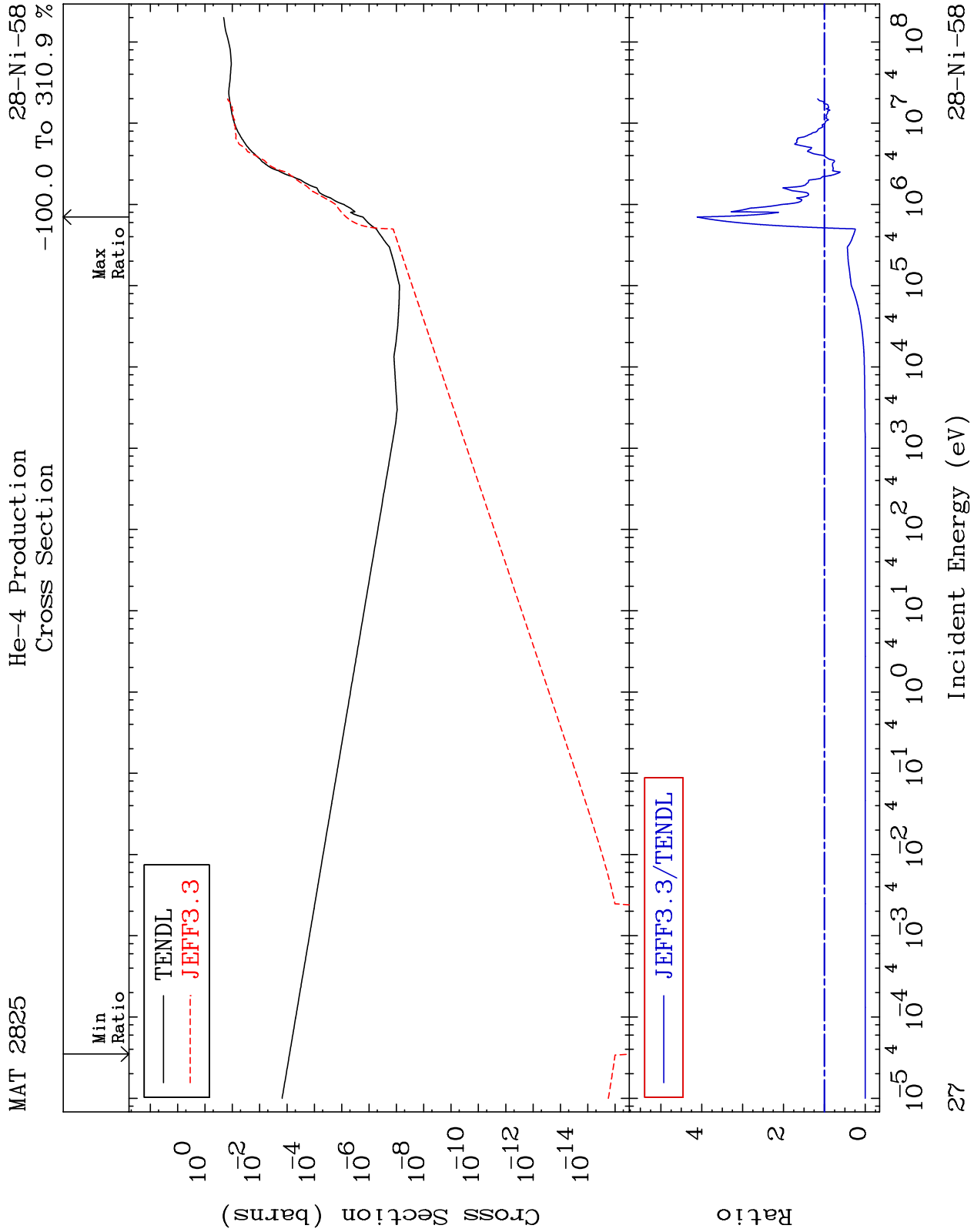
28-Ni-58
-99.56 To -63.02%



26

Incident Energy (eV)

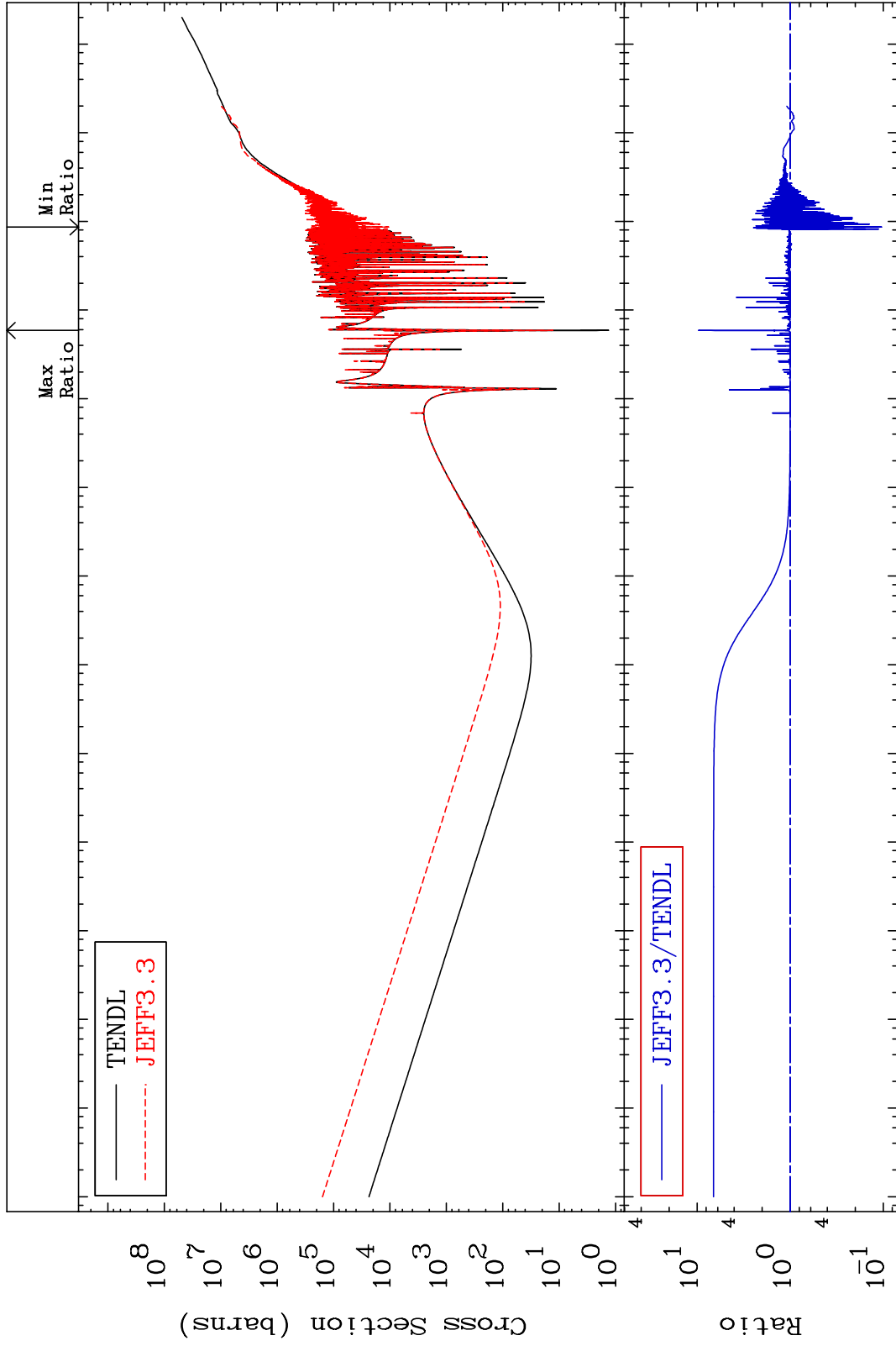
28-Ni-58



MAT 2825

Kerma total (eV-barns)
Cross Section

28-Ni-58
-89.57 To 869.7 %



28

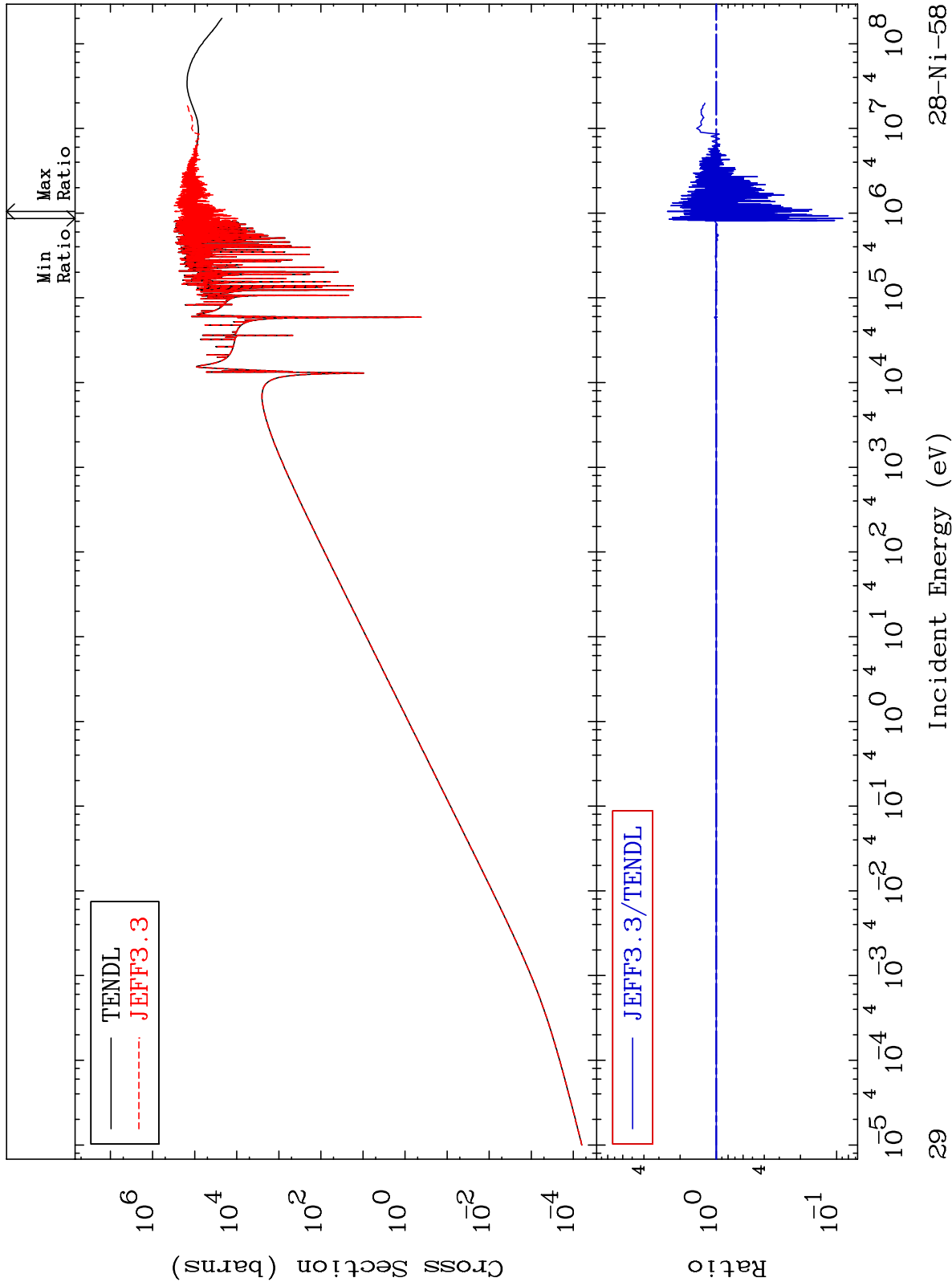
Incident Energy (eV)

28-Ni-58

MAT 2825

Kerma elastic
Cross Section

28-Ni-58
-91.08 To 154.4 %



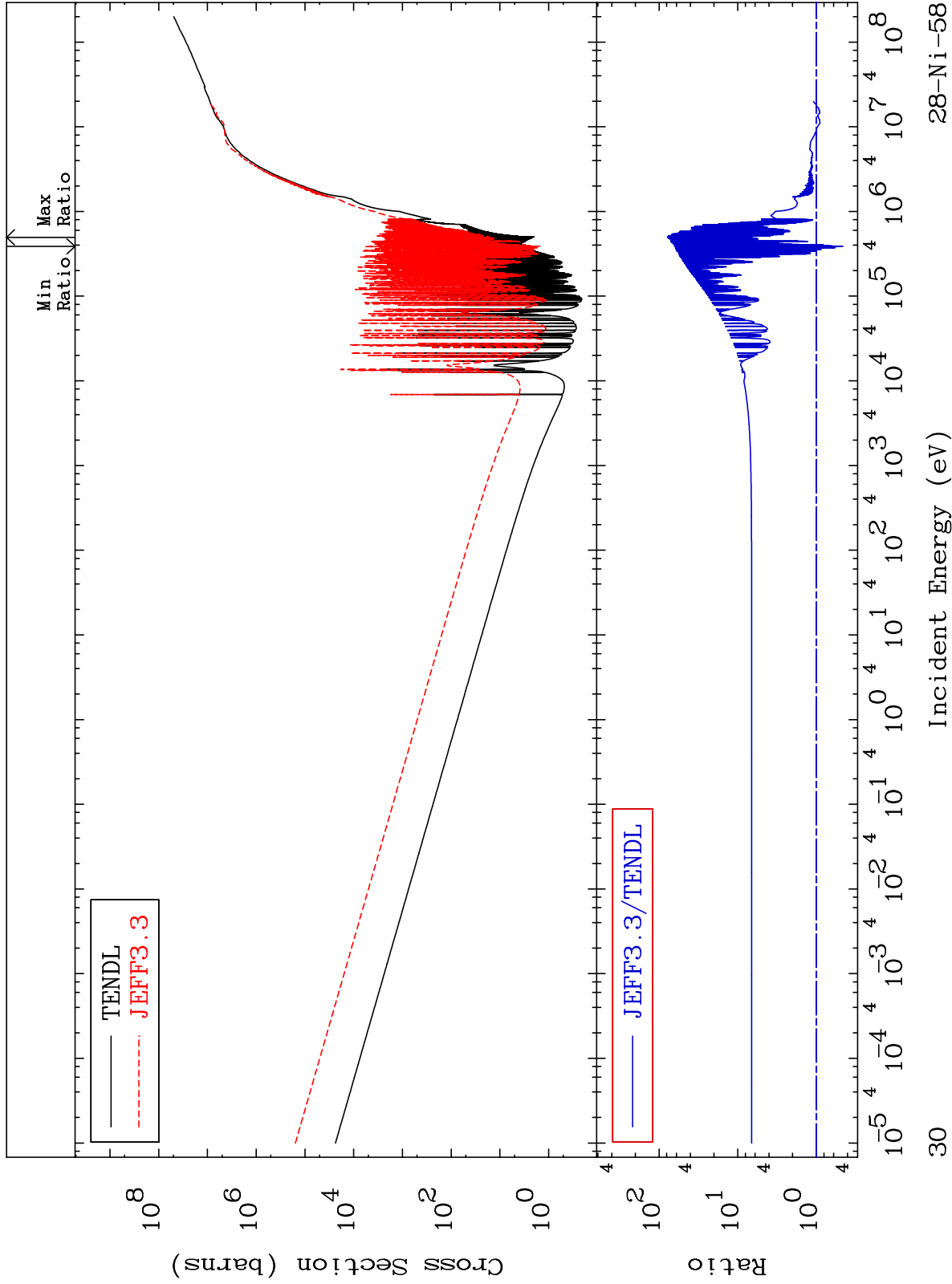
29

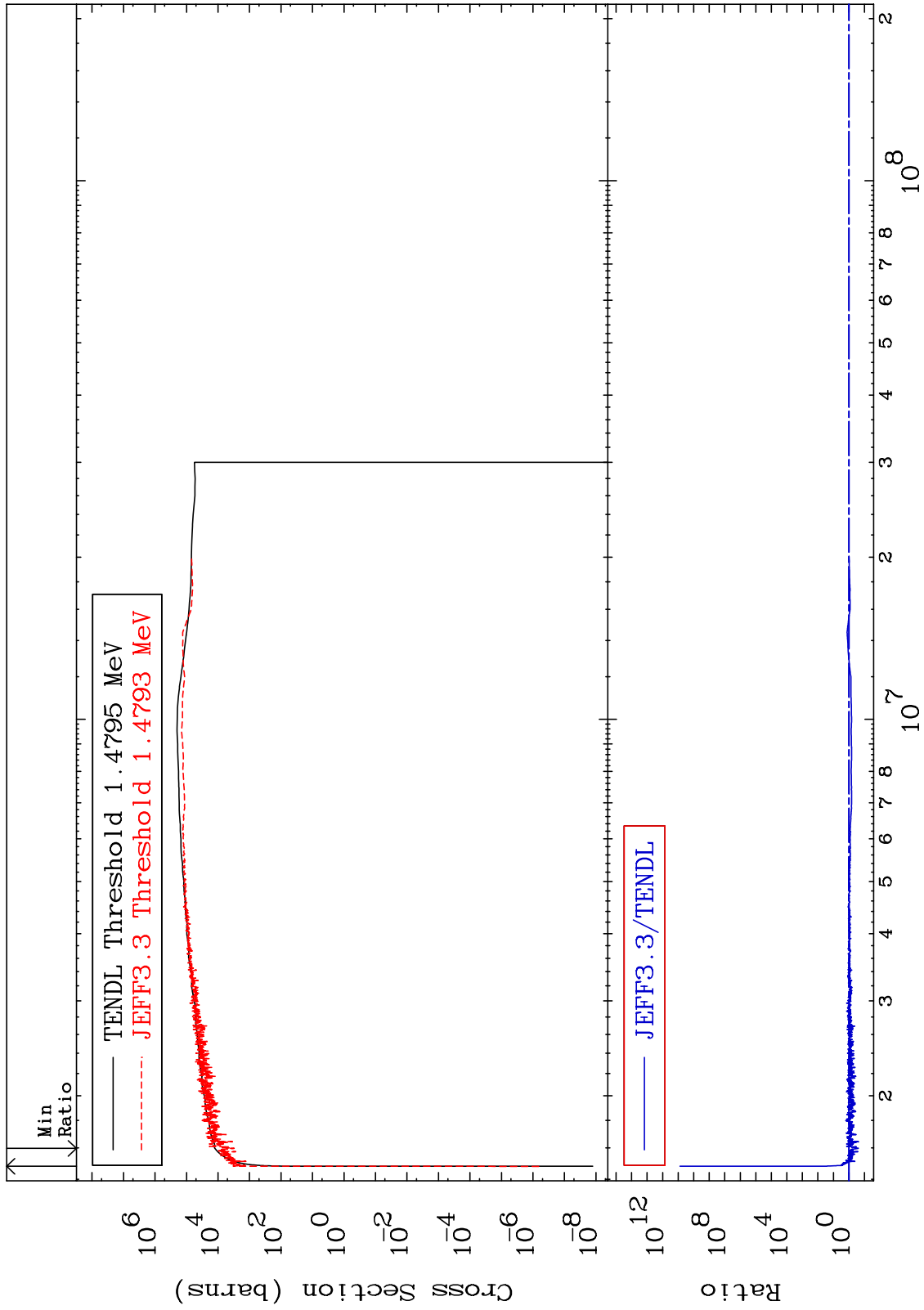
28-Ni-58

MAT 2825

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-58
-53.85 To 7710. %

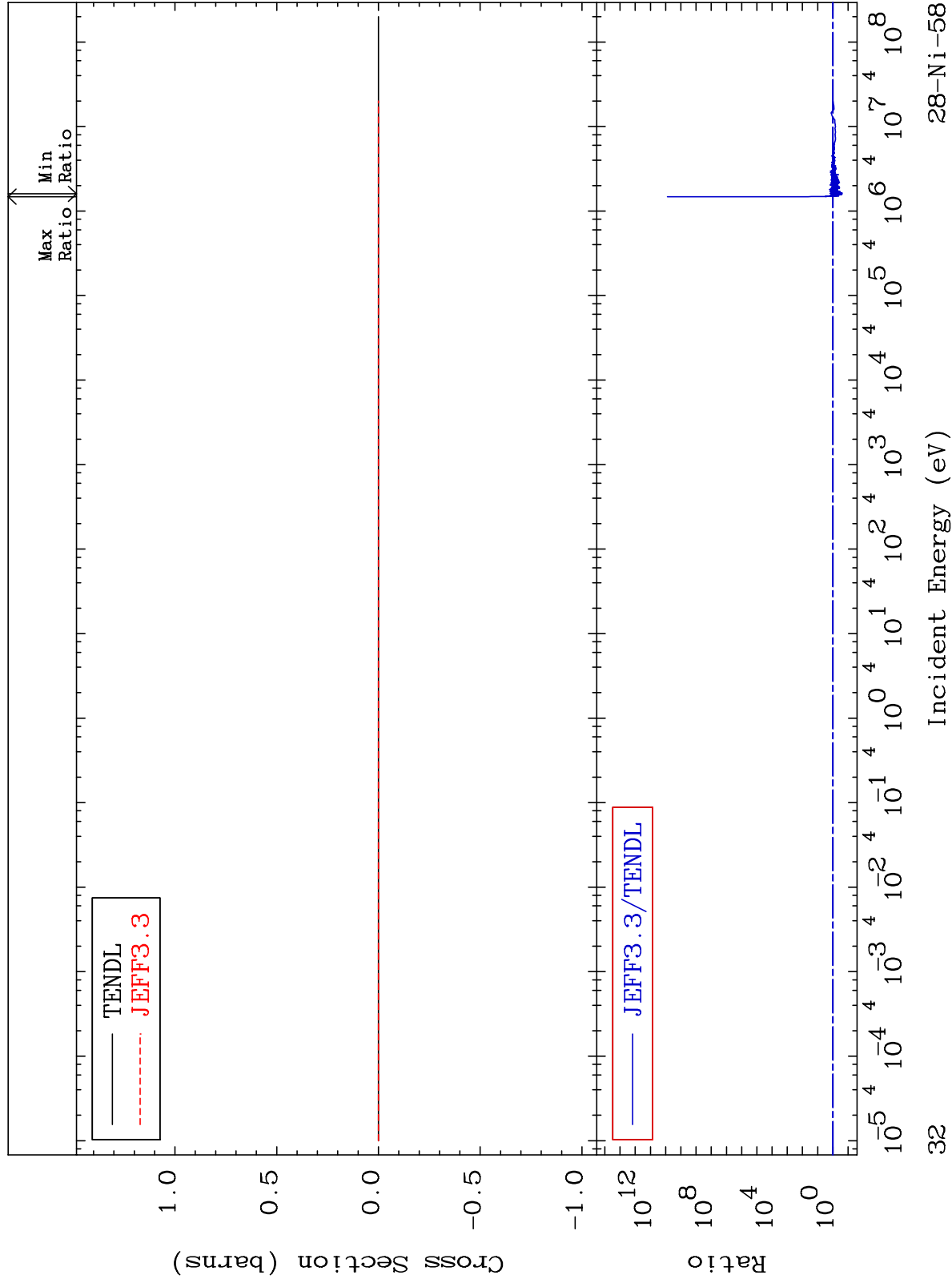




MAT 2825

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

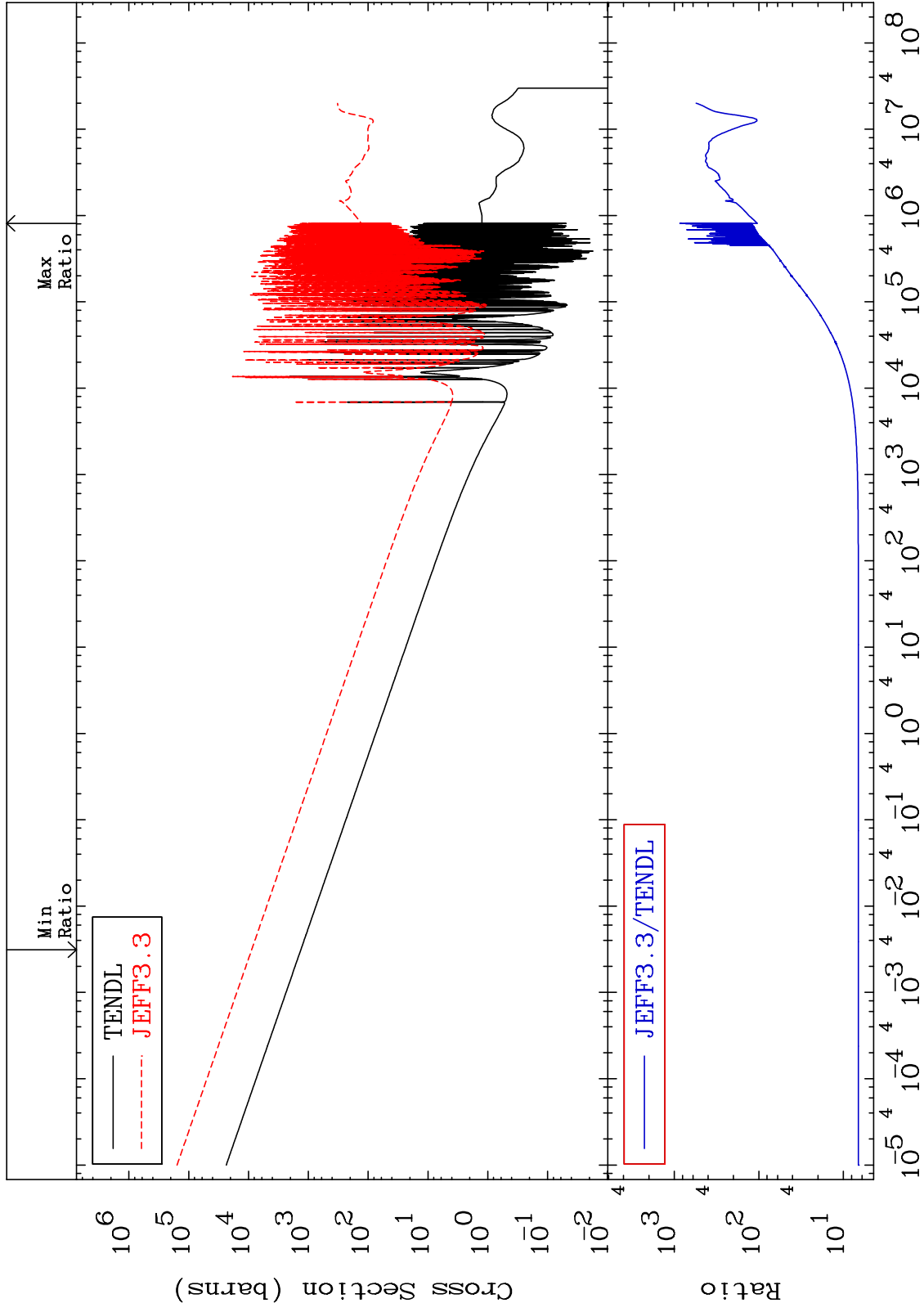
28-Ni-58
-75.42 To 9999. %



MAT 2825

Kerma capture (mt102)
Cross Section

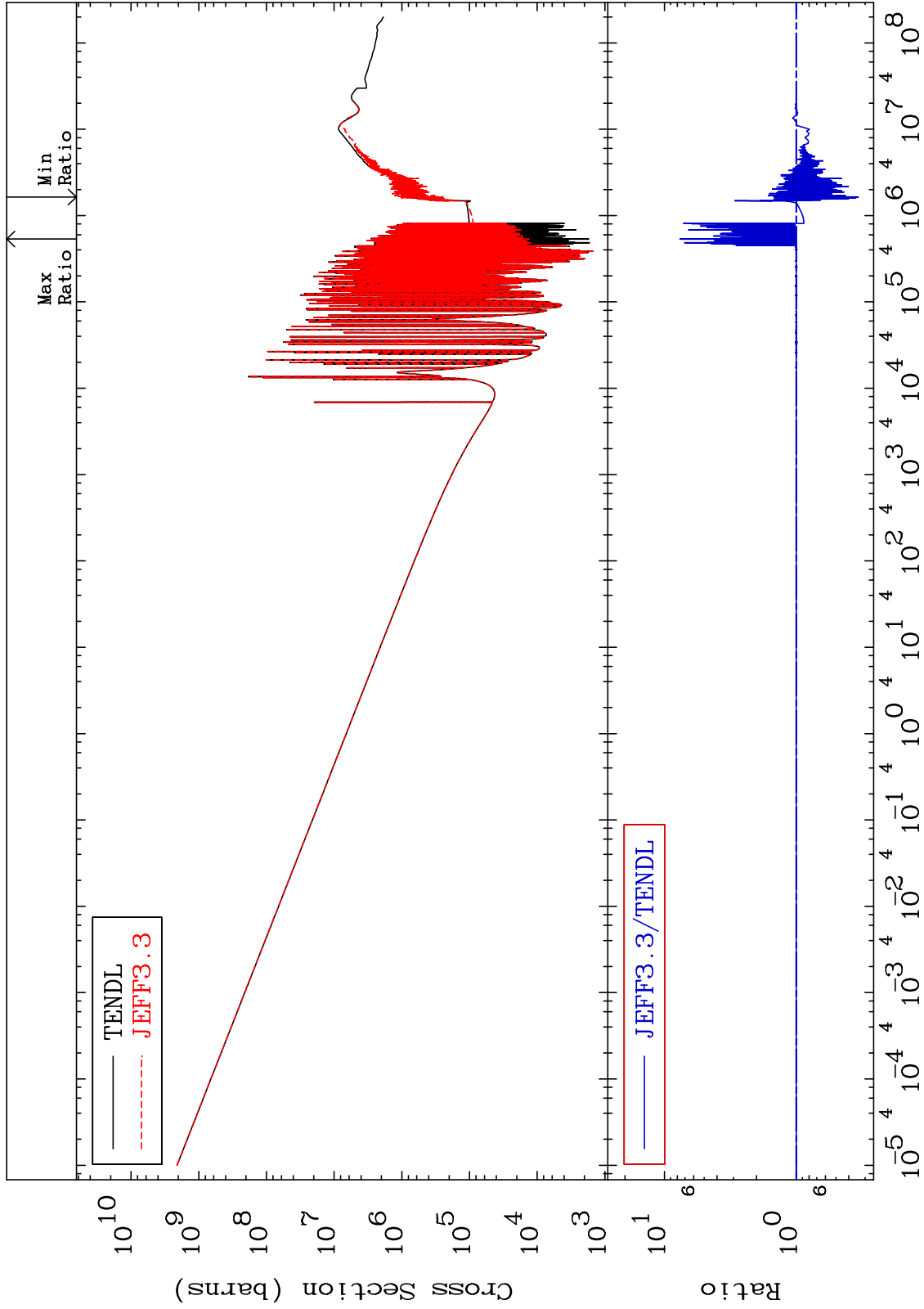
28-Ni-58
564.7 To 9999. %



MAT 2825

Total photon (eV-barns)
Cross Section

28-Ni-58
-66.27 To 663.3 %



34

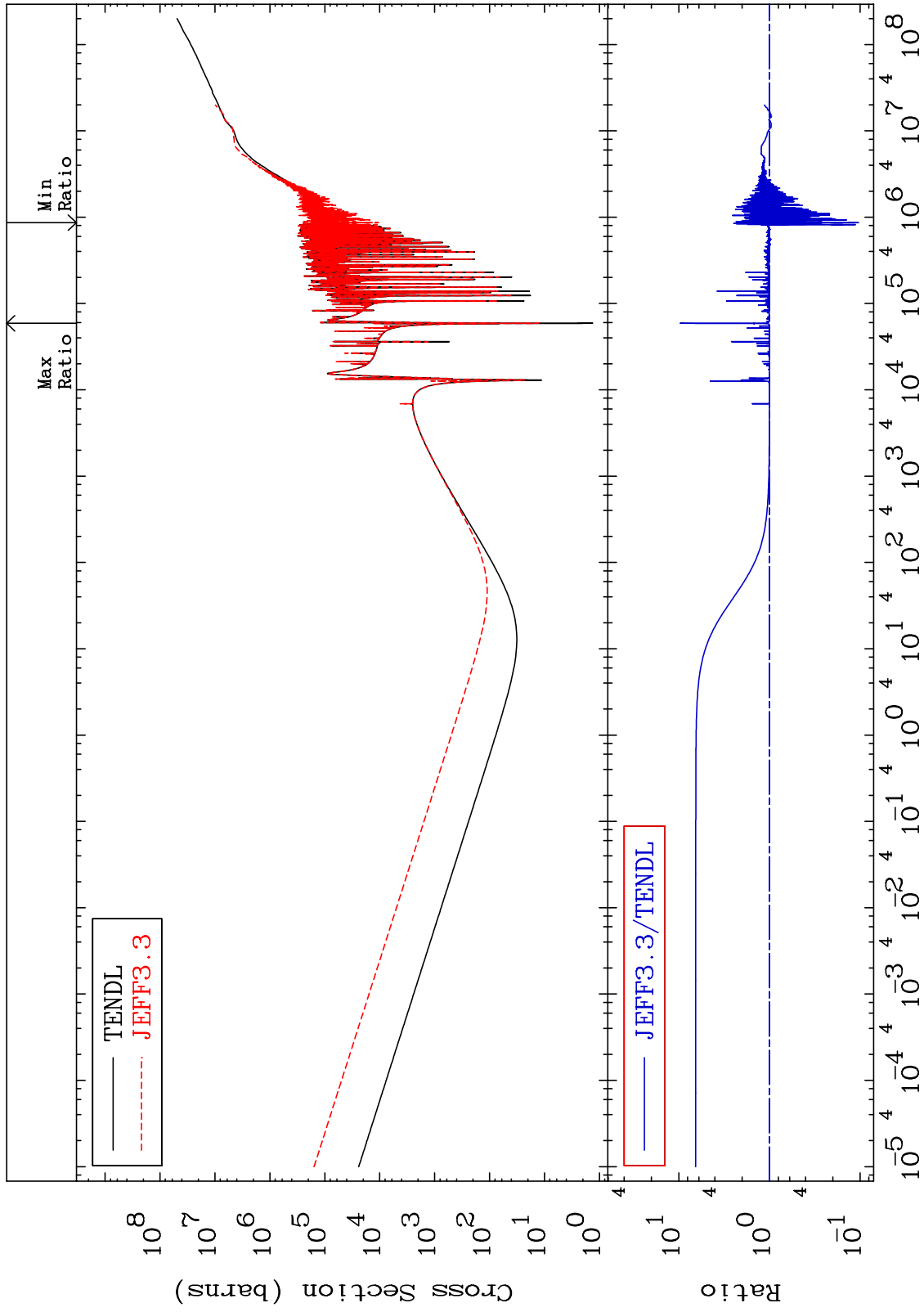
Incident Energy (eV)

28-Ni-58

MAT 2825

Total kinematic kerma (high limit)
Cross Section

28-Ni-58
-89.55 To 869.0 %



35

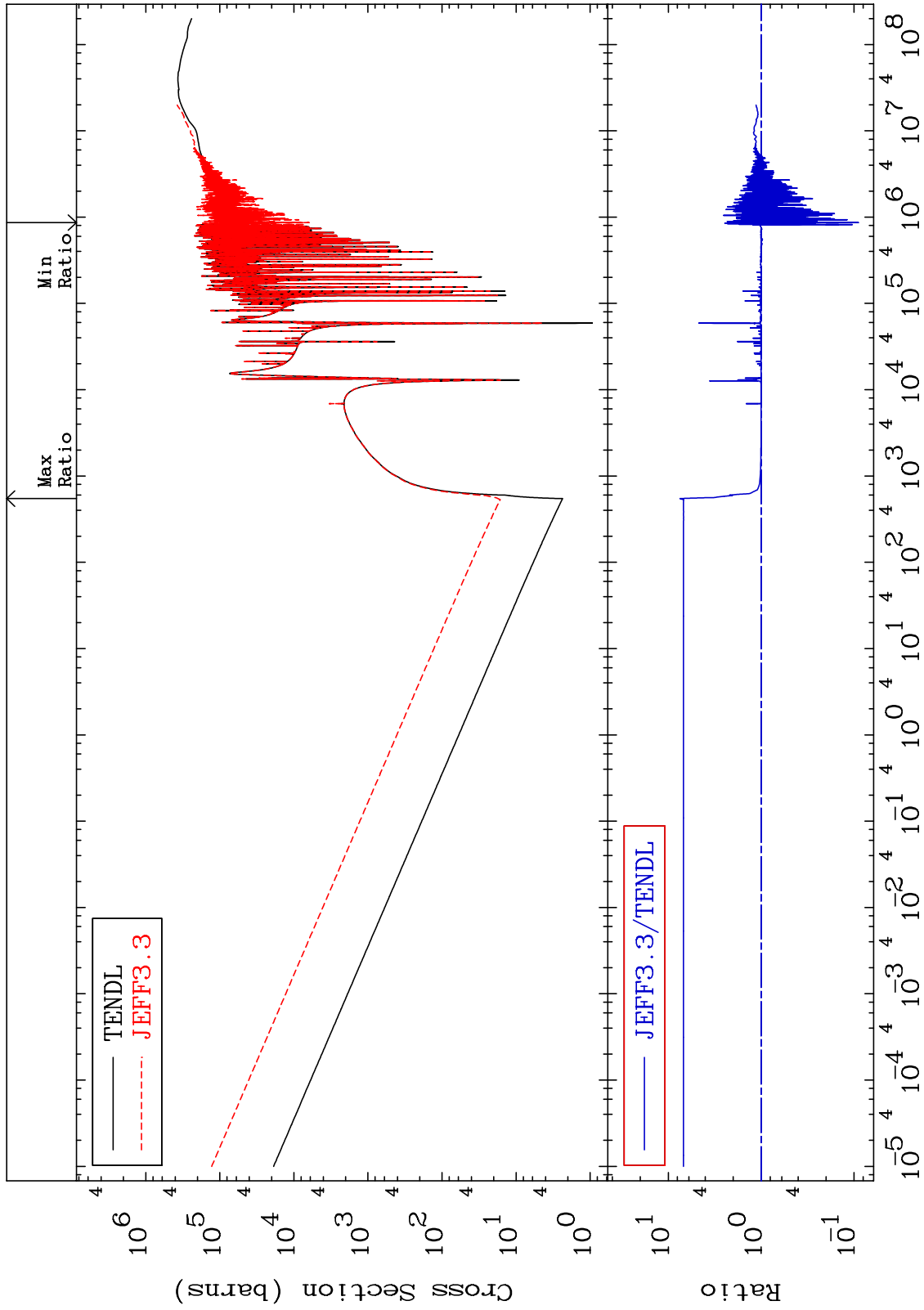
Incident Energy (eV)

28-Ni-58

MAT 2825

Dpa total (eV-barns)
Cross Section

28-Ni-58
-91.01 To 647.8 %



36

Incident Energy (eV)

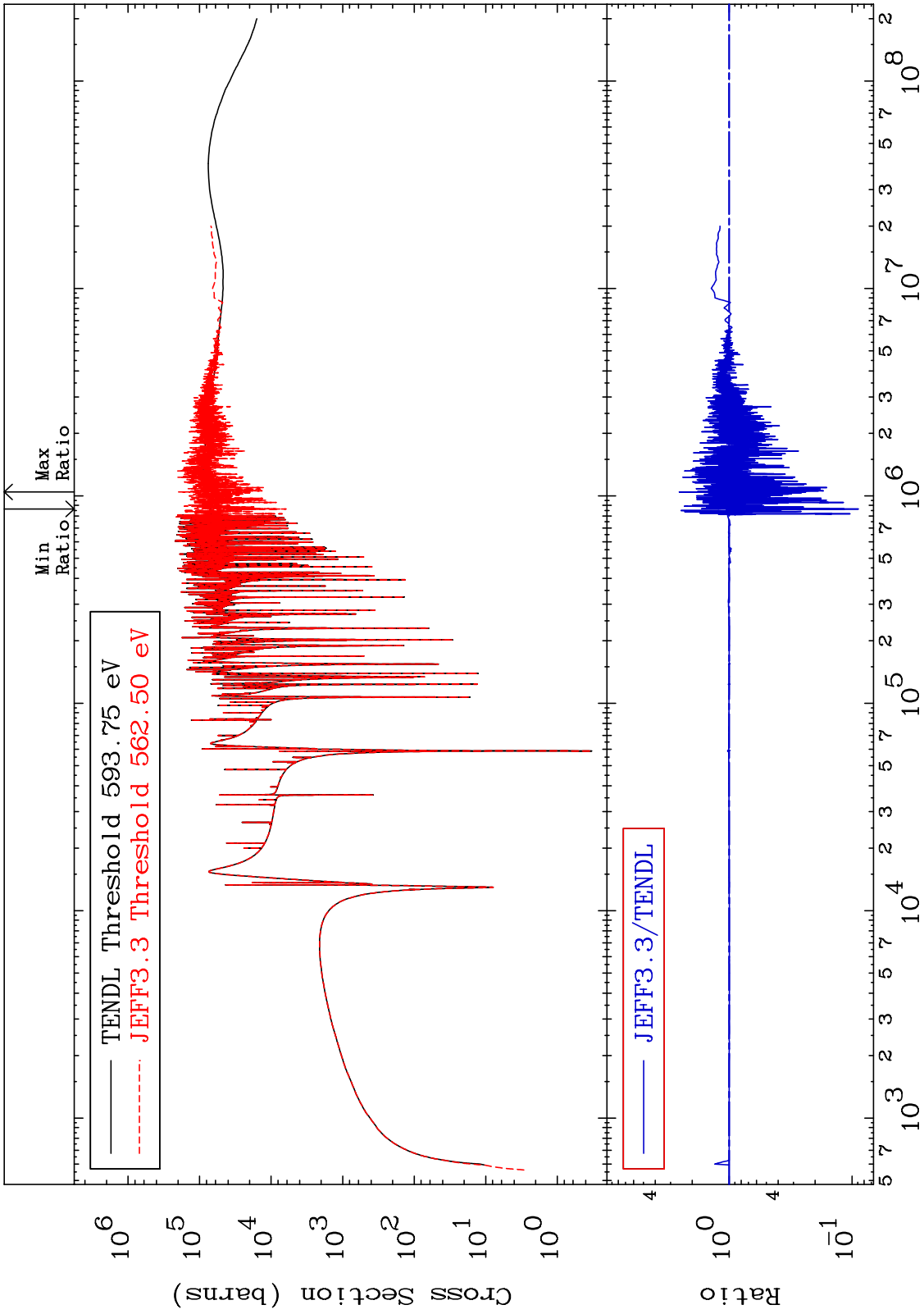
28-Ni-58

MAT 2825

Dpa elastic (mt2)
Cross Section

28-Ni-58

-91.07 To 154.7 %



37

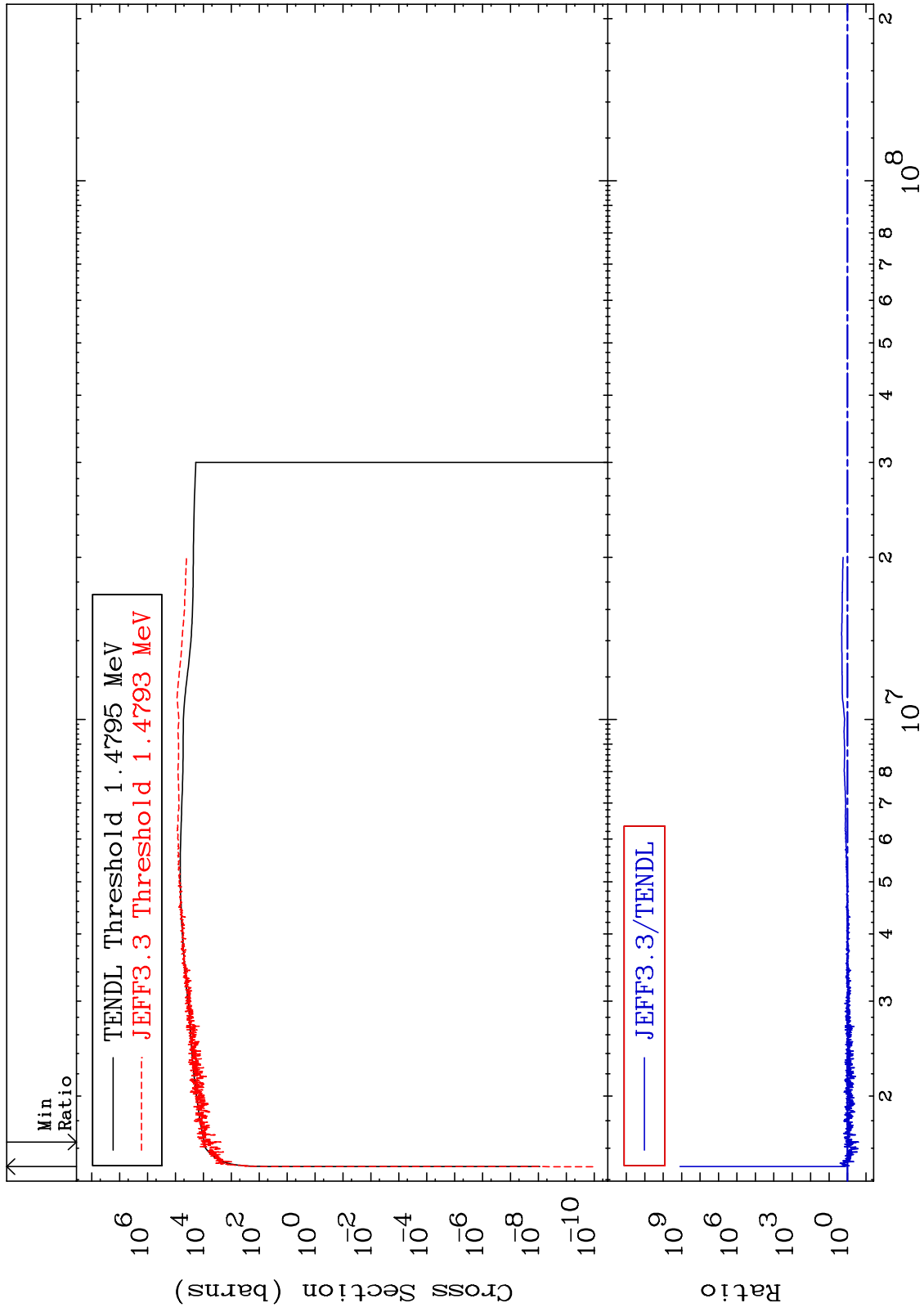
Incident Energy (eV)

28-Ni-58

MAT 2825

Dpa inelastic (mt51-91)
Cross Section

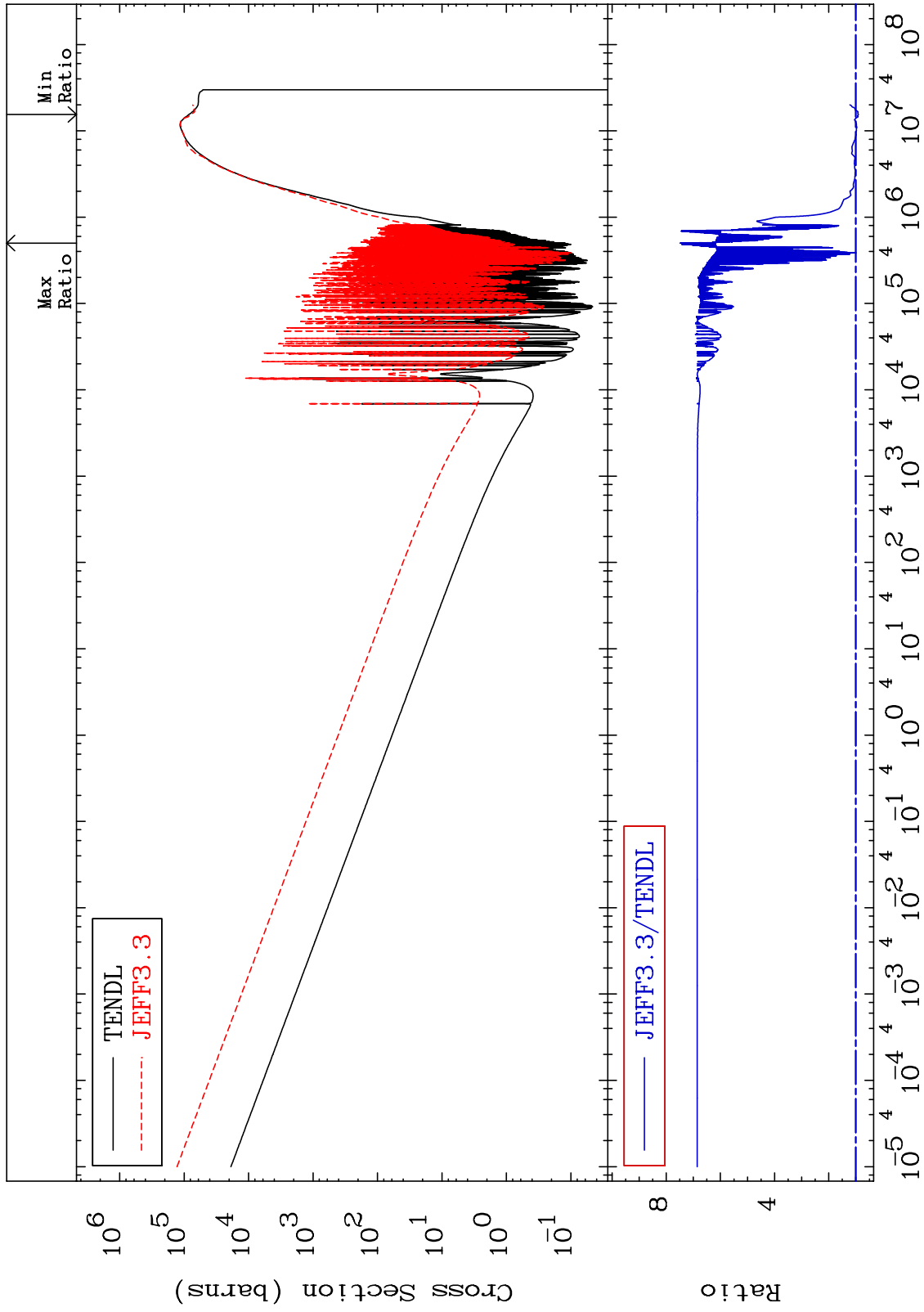
28-Ni-58
-74.21 To 9999. %



MAT 2825

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-58
-9.500 To 649.1 %



39

Incident Energy (eV)

28-Ni-58

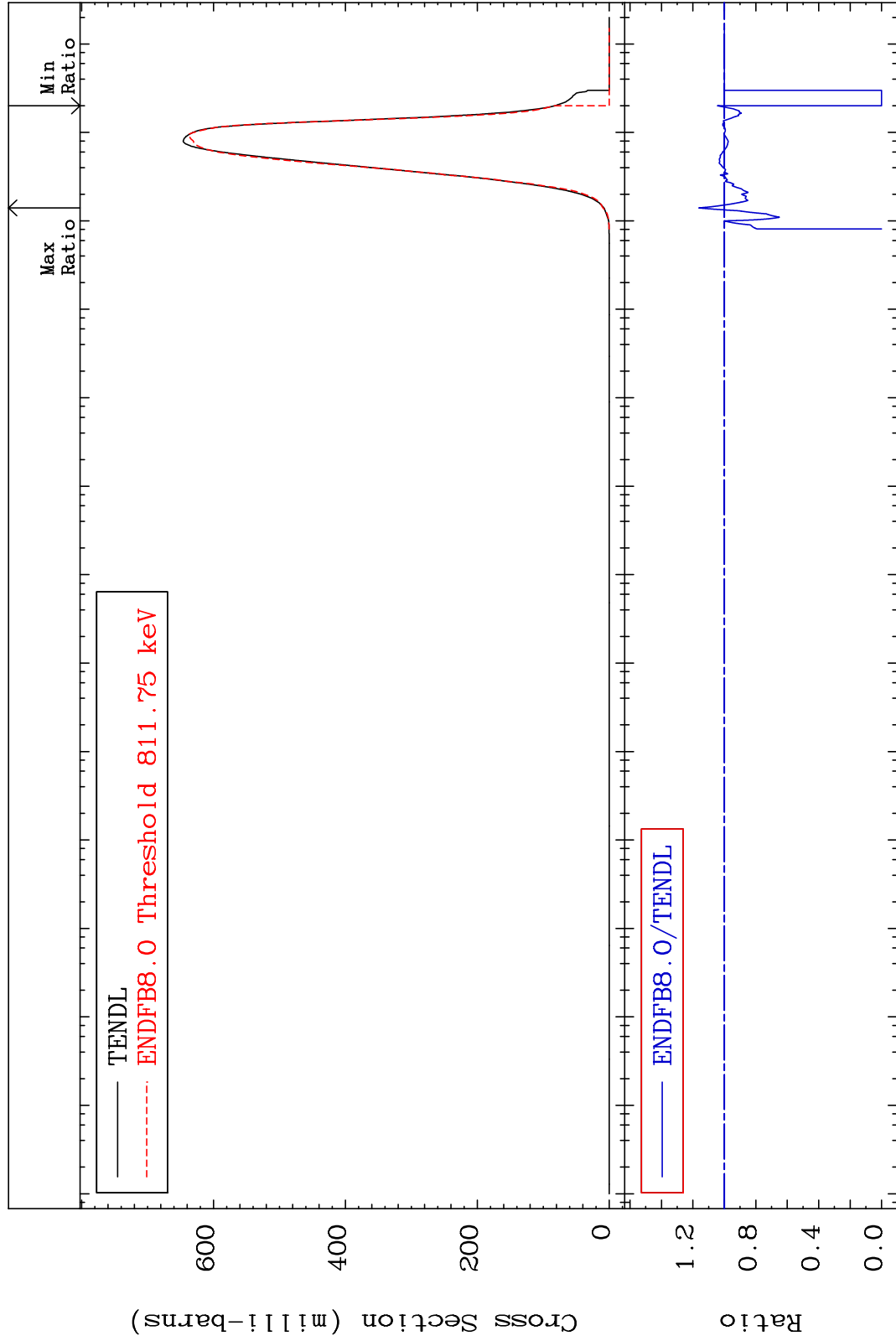
MAT 2825

(n,p)

28-Ni-58

Cross Section

-100.0 To 16.30 %

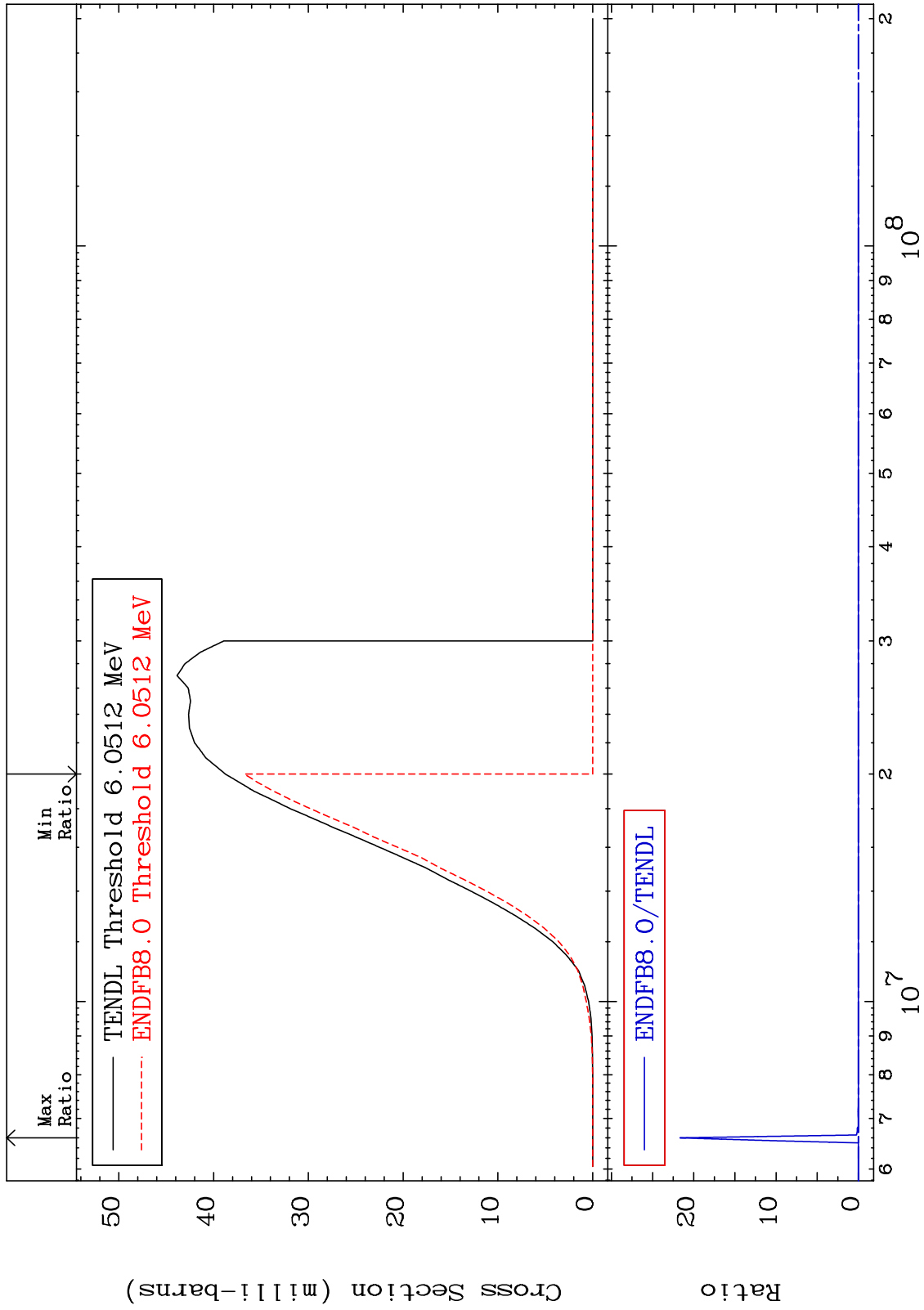


40

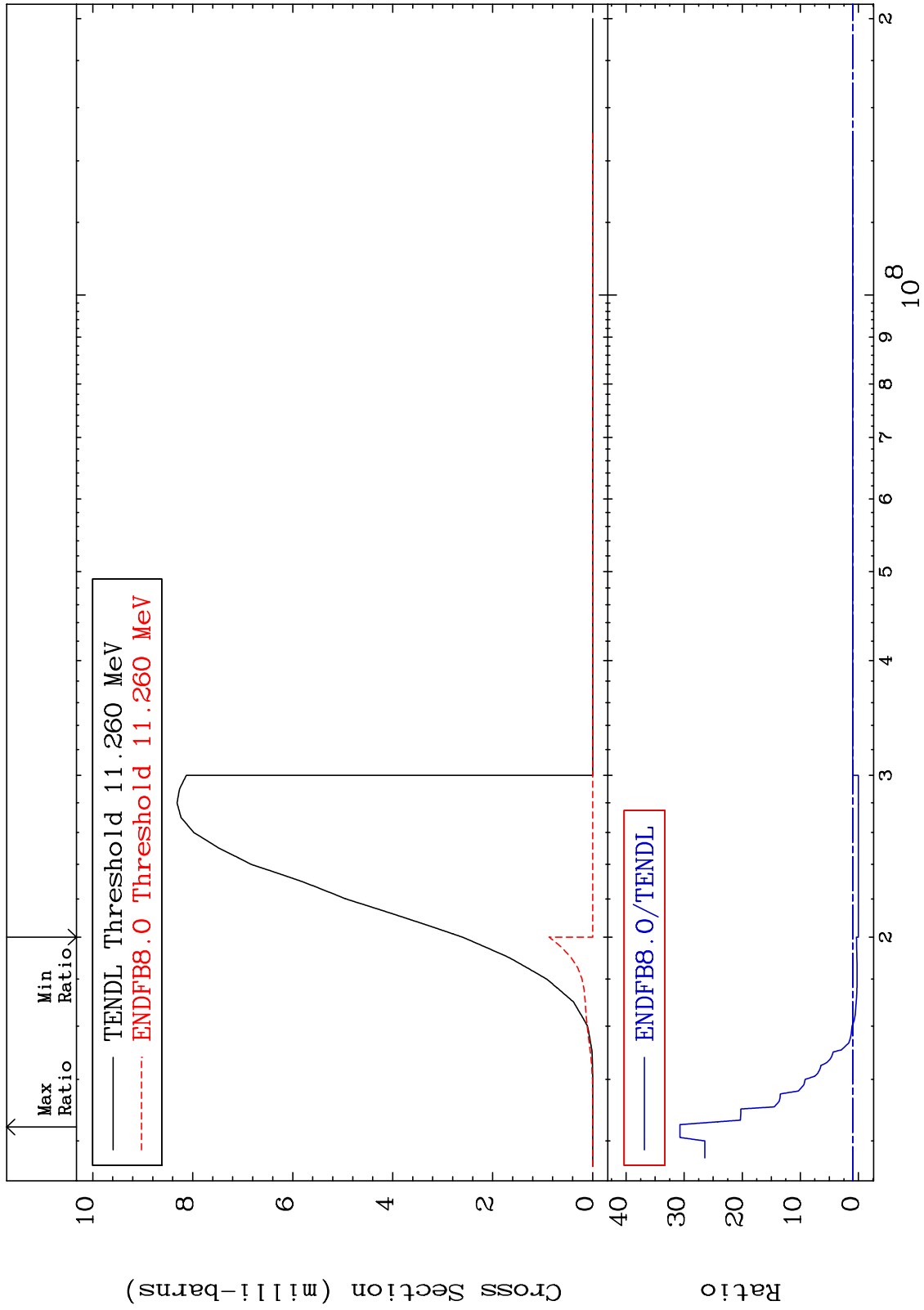
Incident Energy (eV)

28-Ni-58

MAT 2825 (n,d) Cross Section 28-Ni-58
 -100.0 To 9999. %



MAT 2825 (n,t) Cross Section 28-Ni-58 -100.0 To 2971. %



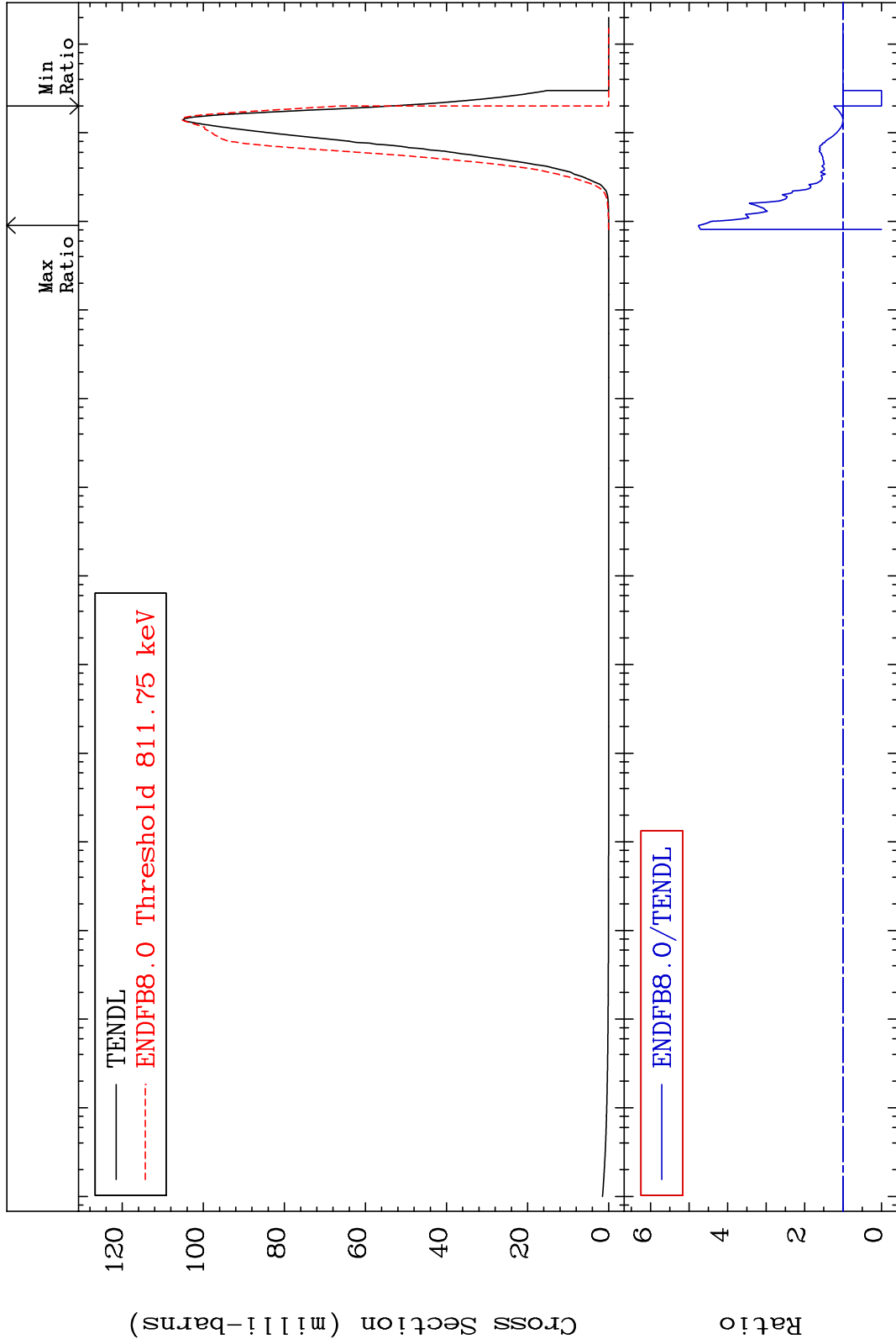
MAT 2825

(n, α)

28-Ni-58

Cross Section

-100.0 To 376.0 %

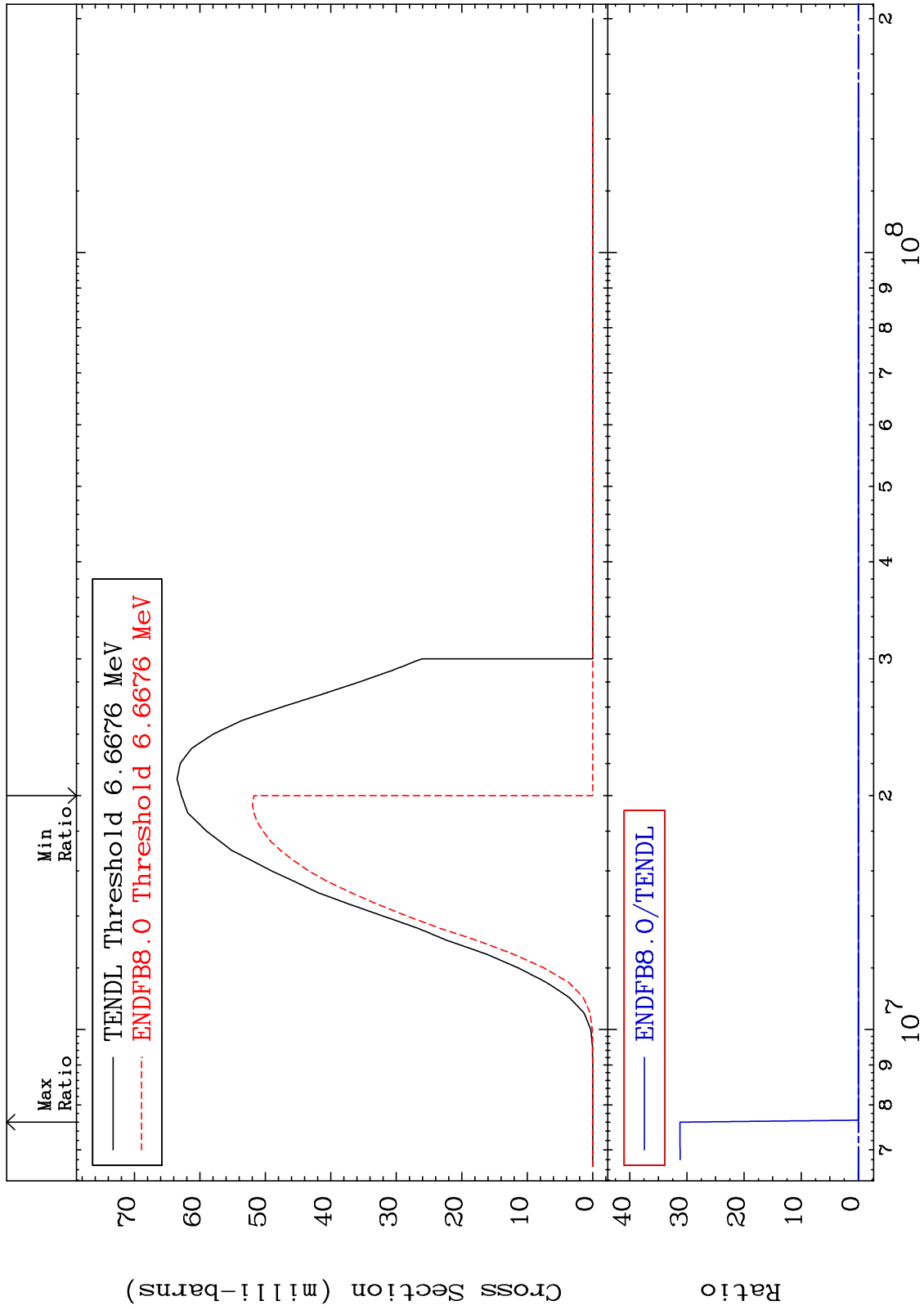


Incident Energy (eV)

28-Ni-58

43

MAT 2825 (n,2p) Cross Section 28-Ni-58 -100.0 To 9999. %



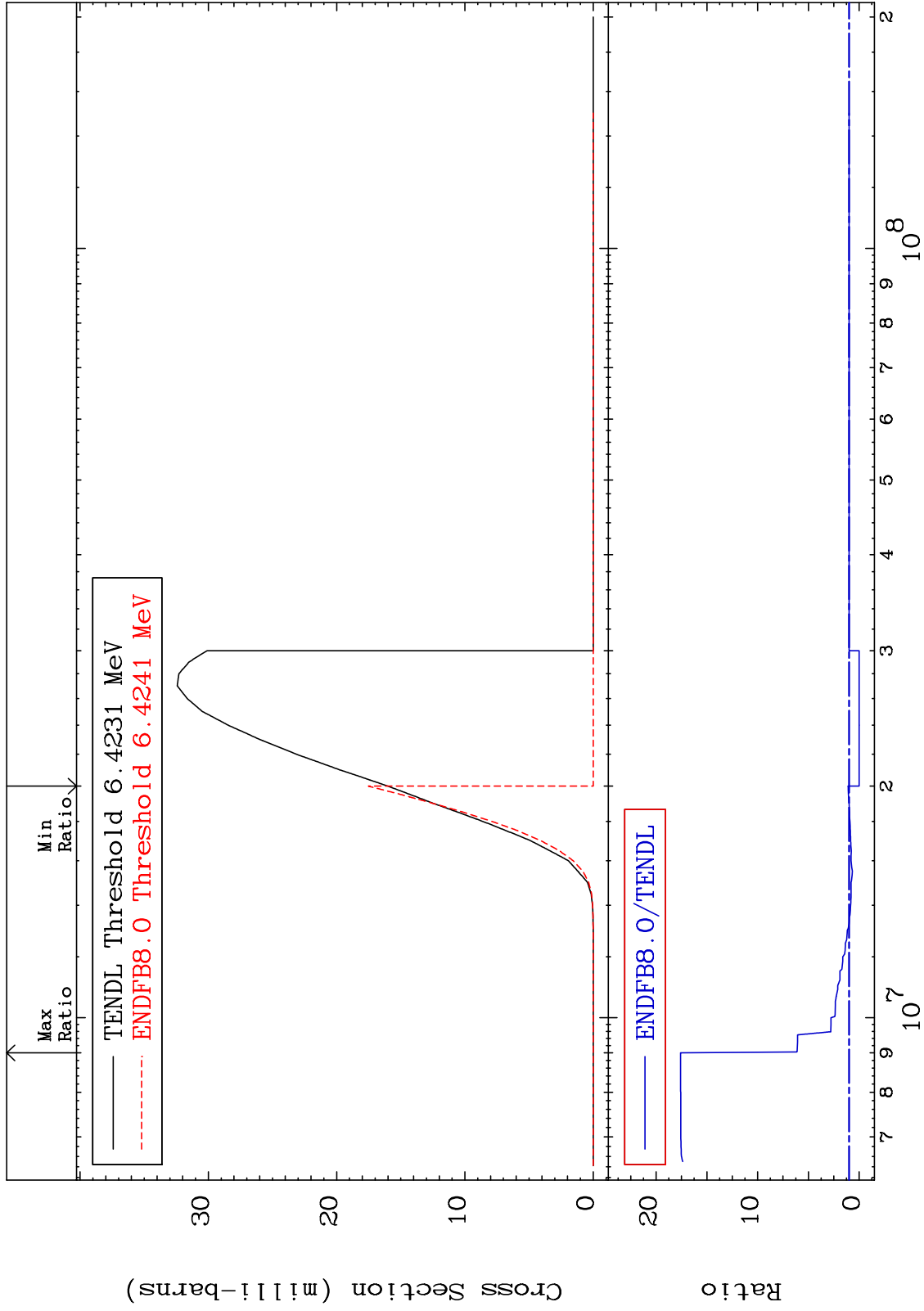
MAT 2825

(n,p) α

28-Ni-58

Cross Section

-100.0 To 1659. %



45

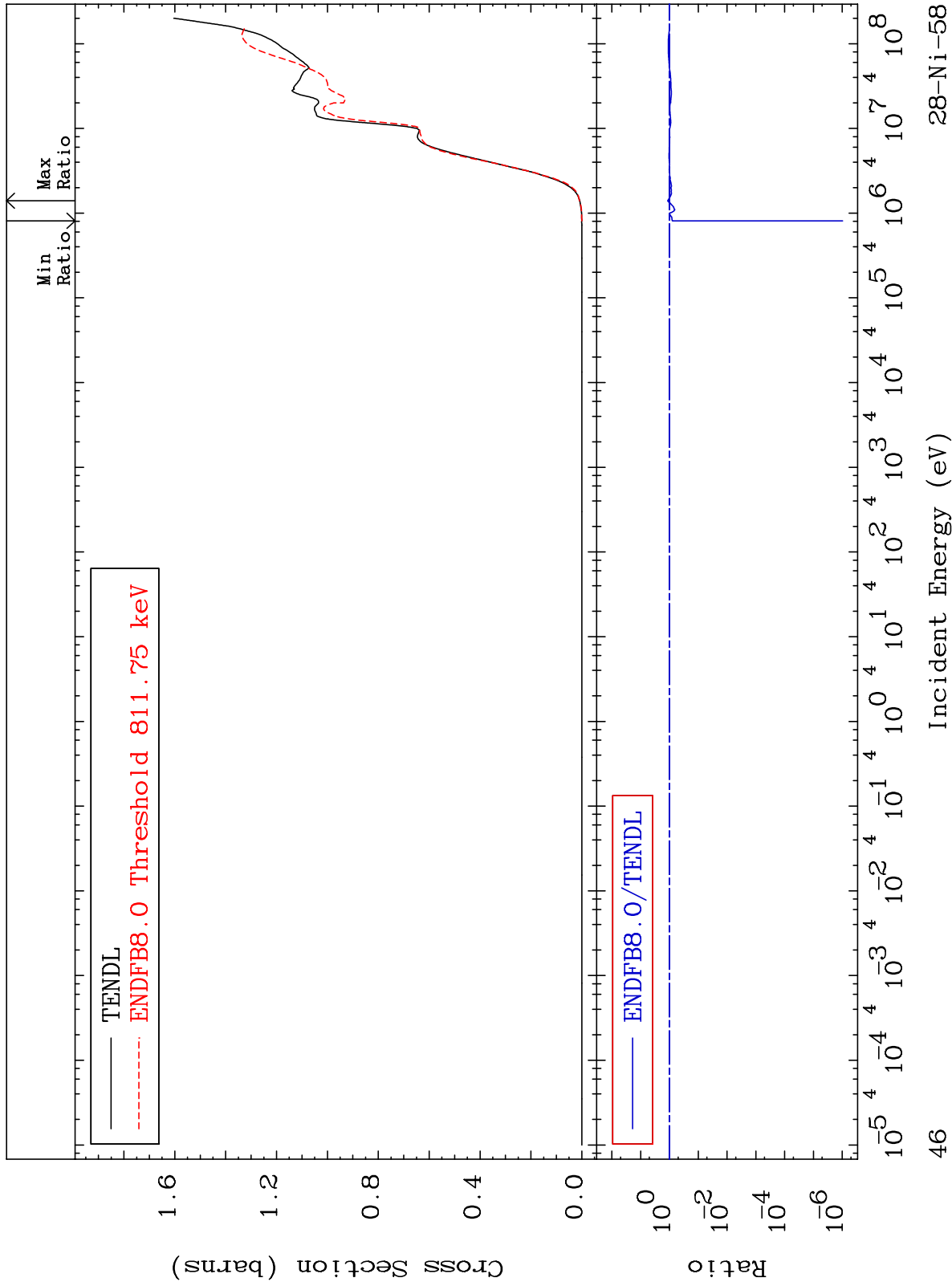
Incident Energy (eV)

28-Ni-58

MAT 2825

Hydrogen Production Cross Section

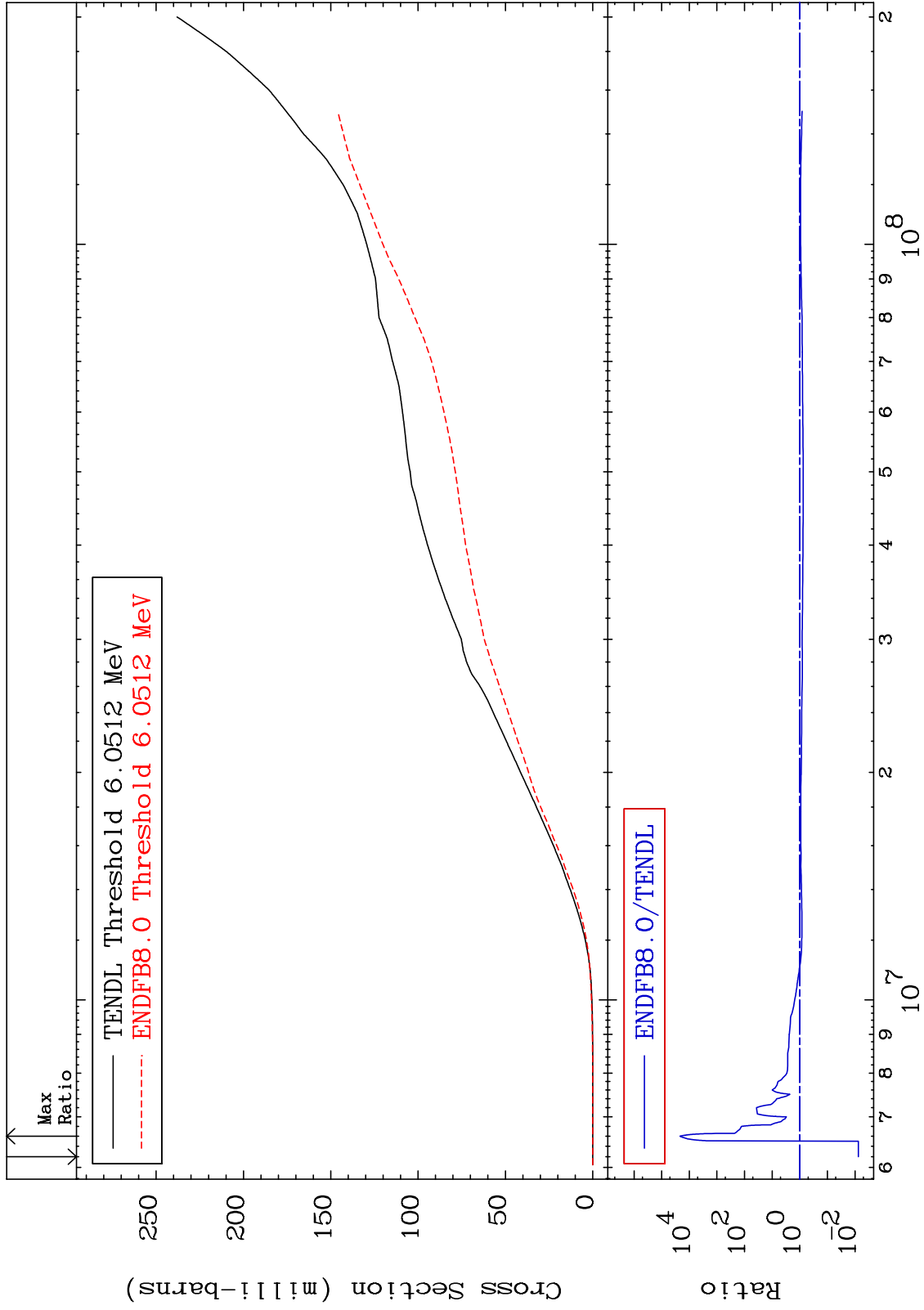
28-Ni-58
-100.0 To 16.30 %



MAT 2825

Deuterium Production
Cross Section

28-Ni-58
-99.25 To 9999. %



47

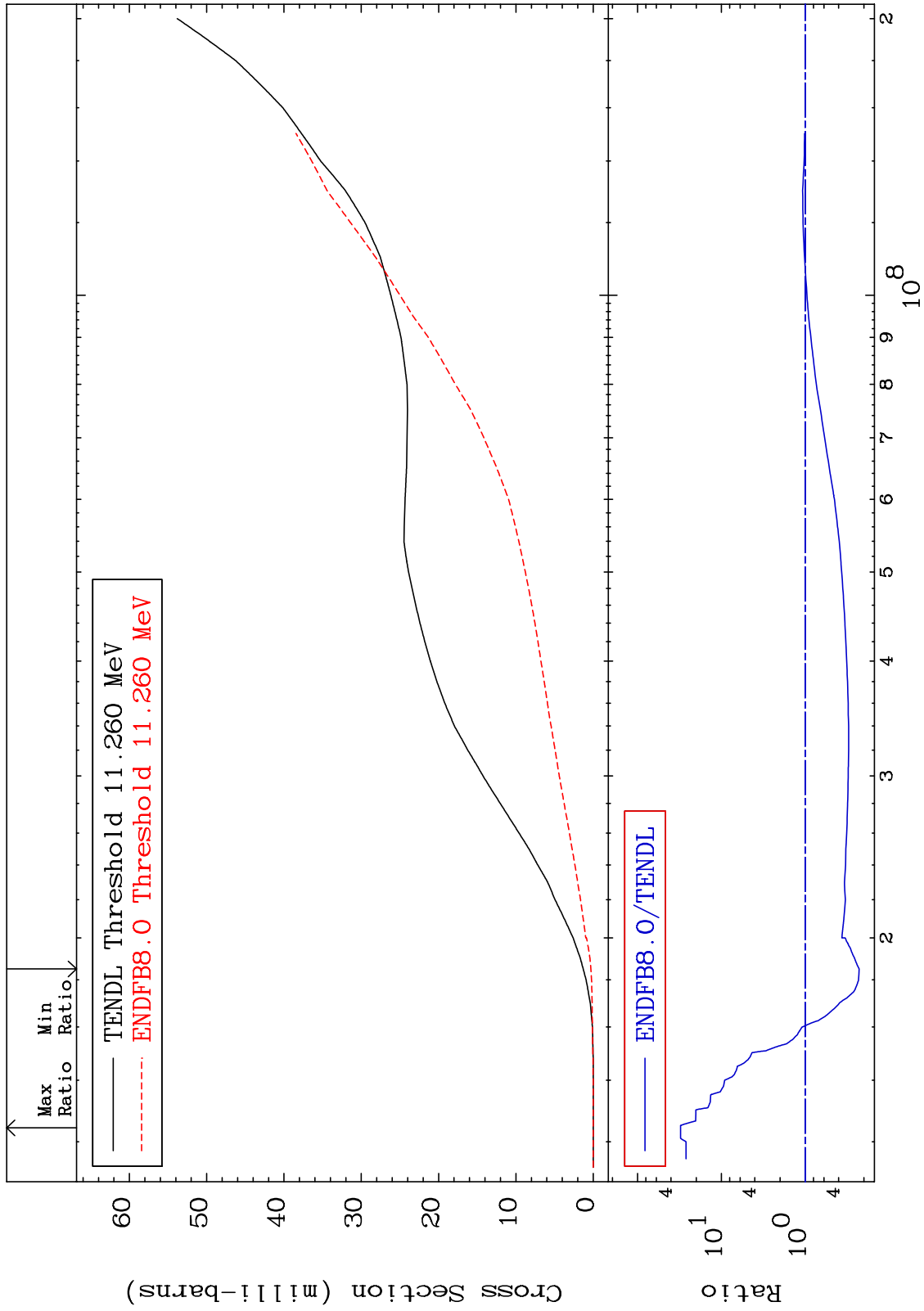
Incident Energy (eV)

28-Ni-58

MAT 2825

Tritium Production
Cross Section

28-Ni-58
-77.24 To 2971. %



48

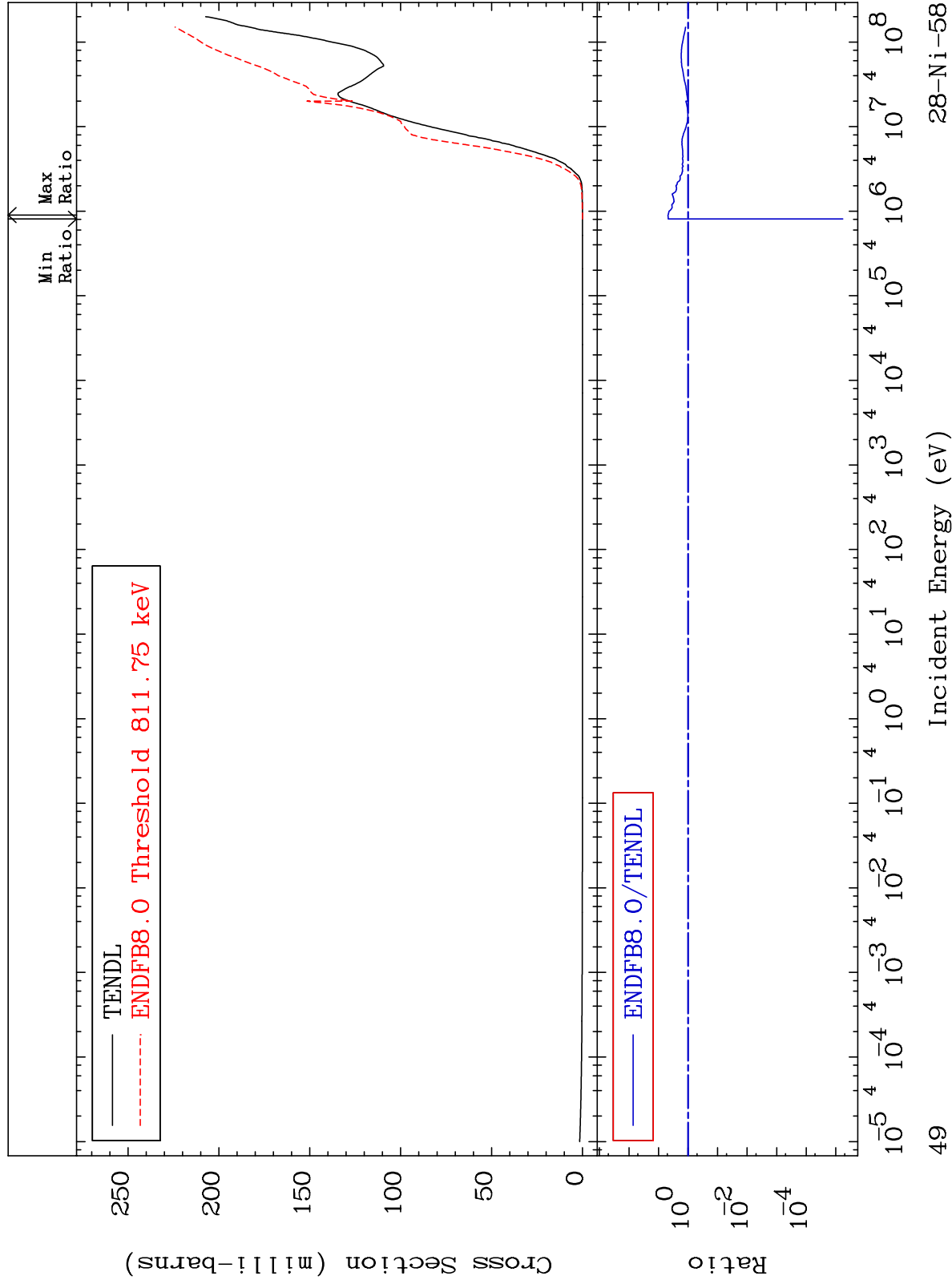
Incident Energy (eV)

28-Ni-58

MAT 2825

He-4 Production
Cross Section

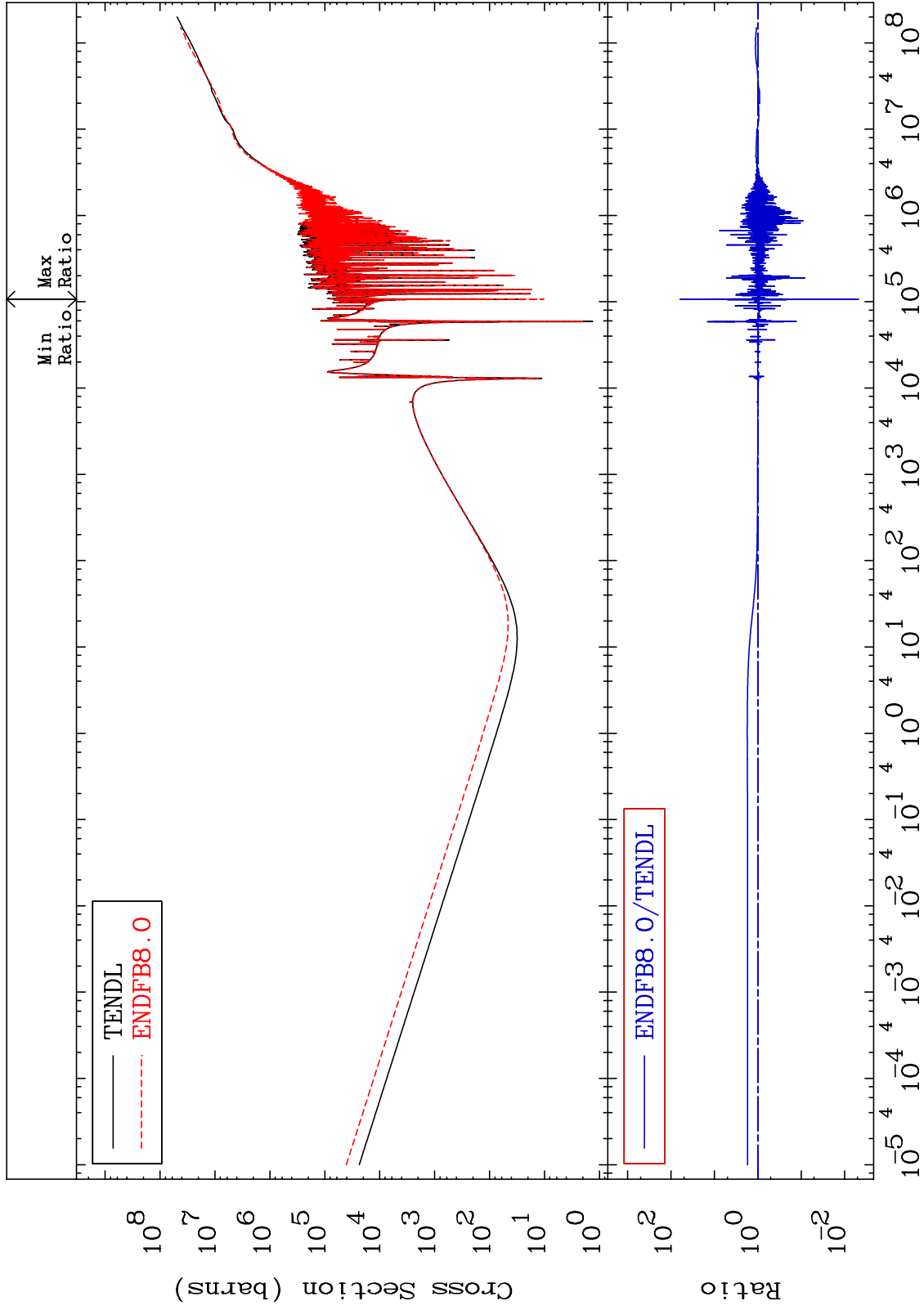
28-Ni-58
-100.0 To 376.0 %



MAT 2825

Kerma total (eV-barns)
Cross Section

28-Ni-58
-99.52 To 6073. %



50

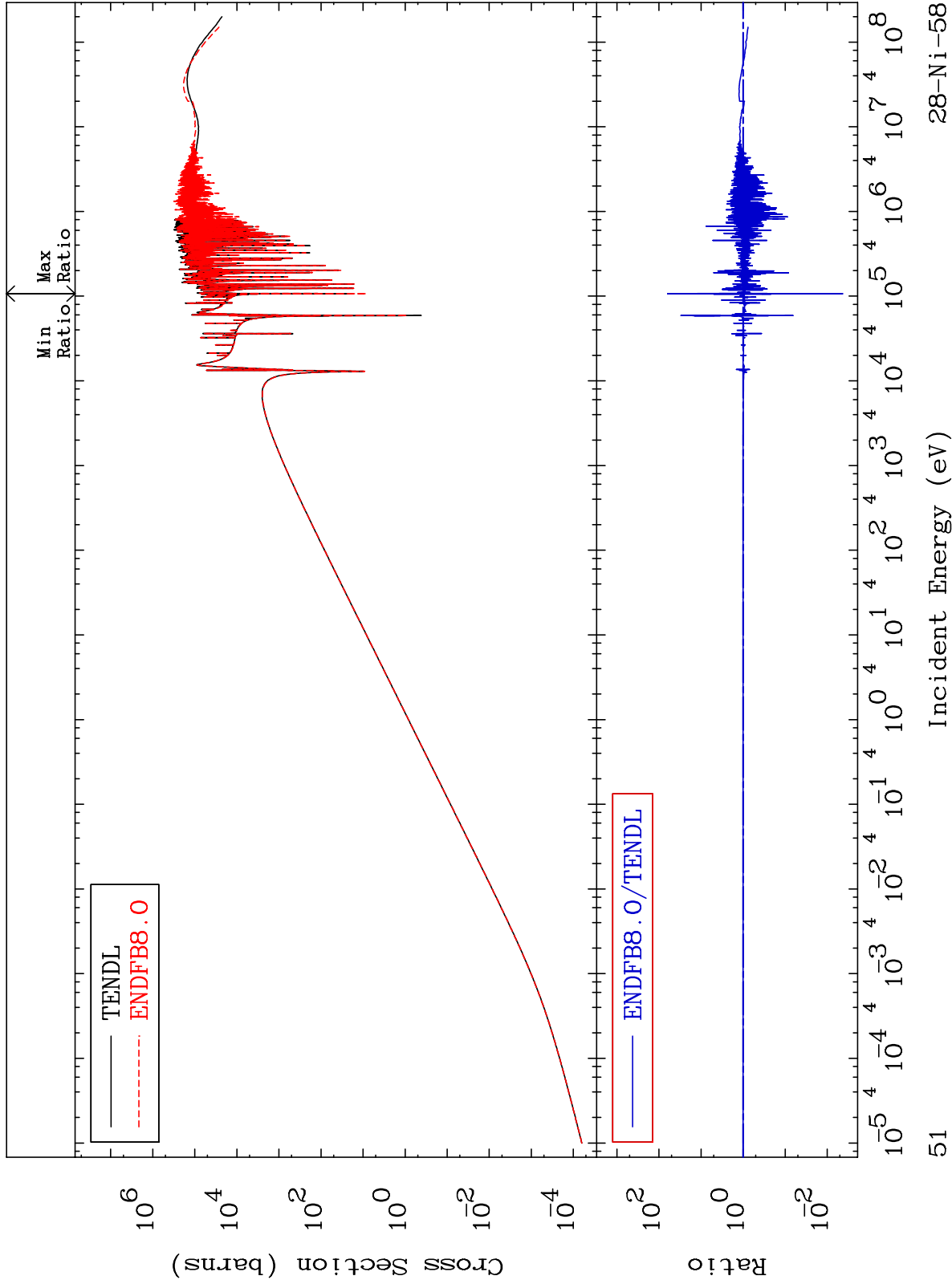
Incident Energy (eV)

28-Ni-58

MAT 2825

Kerma elastic
Cross Section

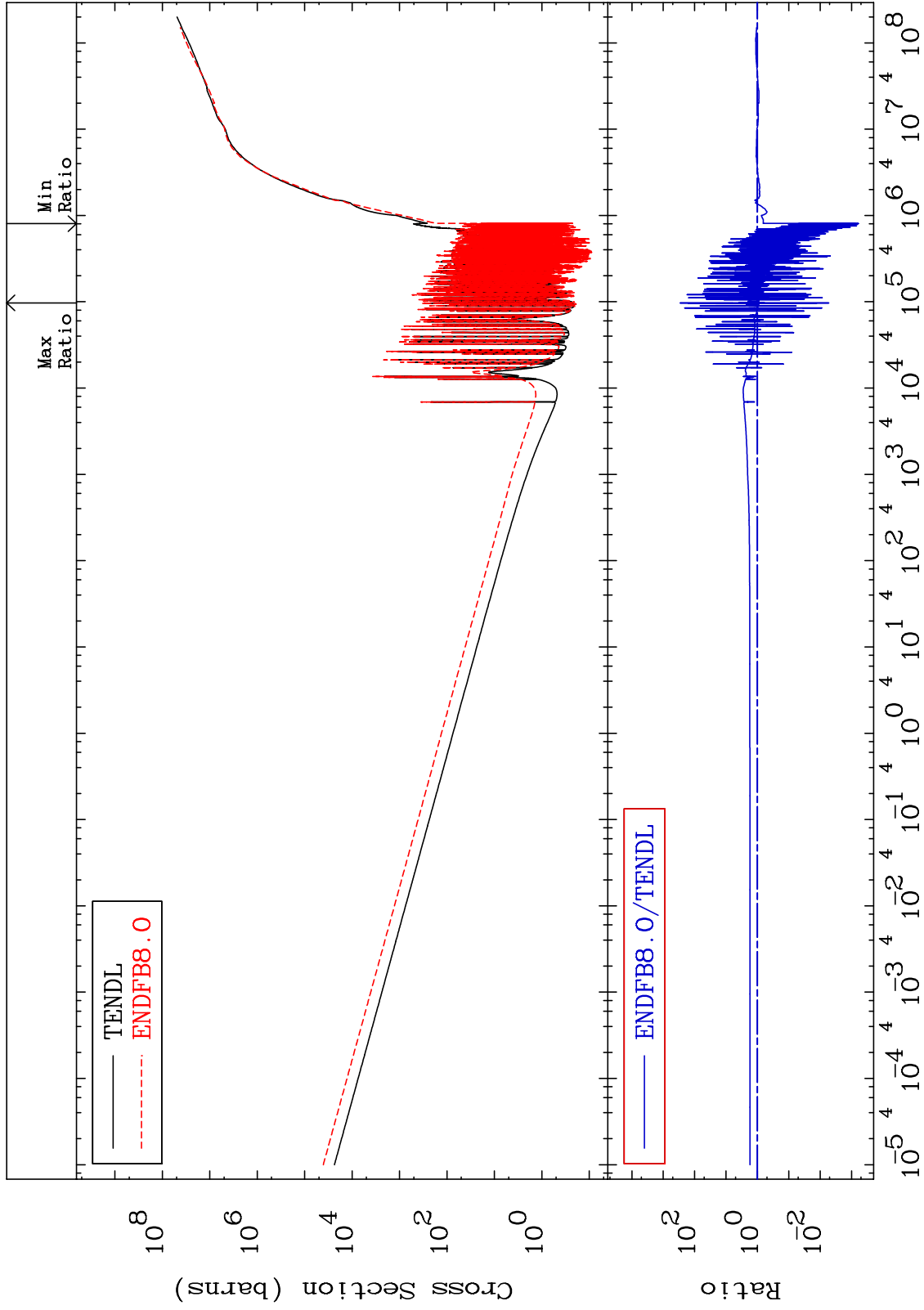
28-Ni-58
-99.57 To 6157. %



MAT 2825

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-58
-99.94 To 9999. %



52

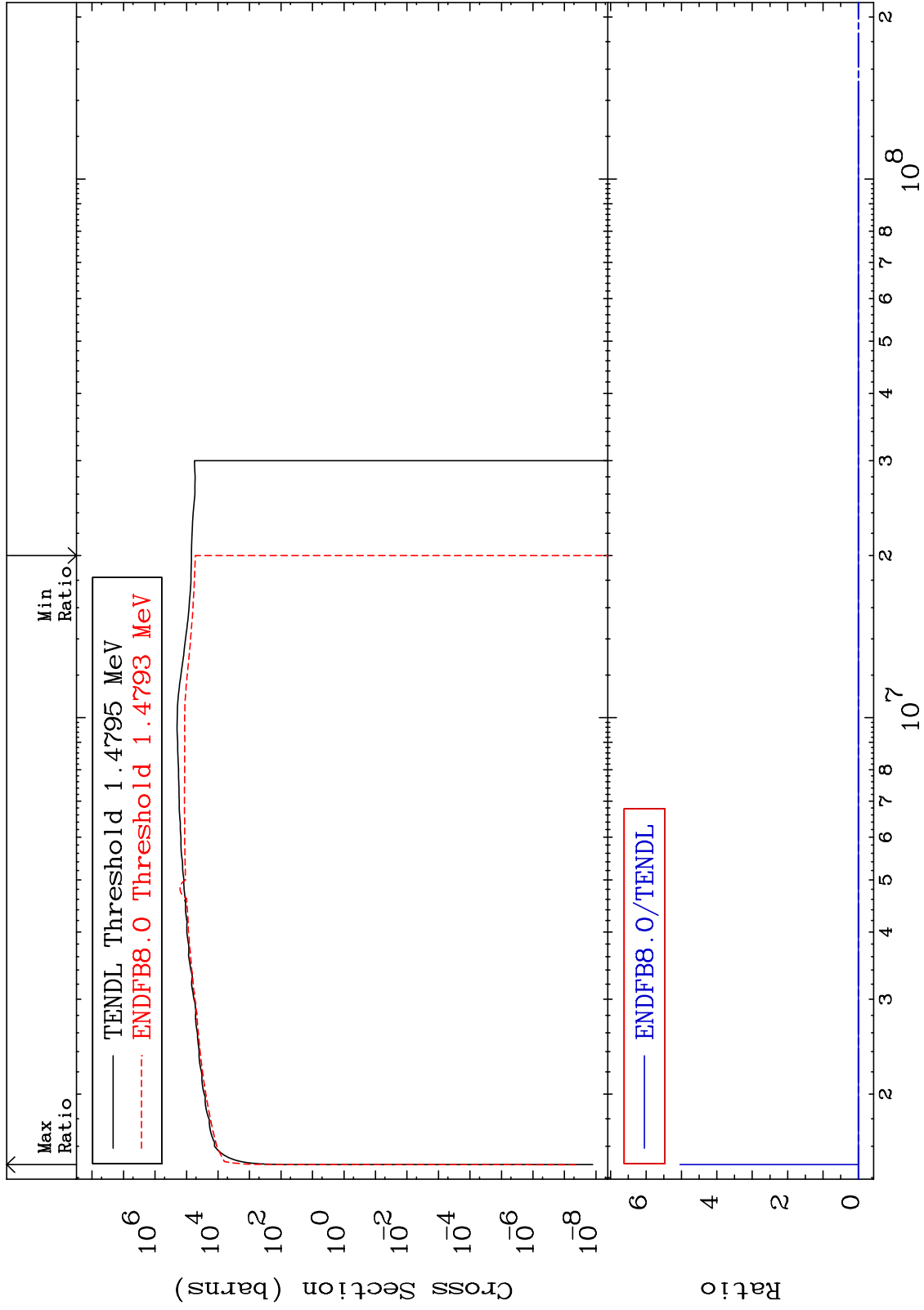
Incident Energy (eV)

28-Ni-58

MAT 2825

Kerma inelastic (mt51-91)
Cross Section

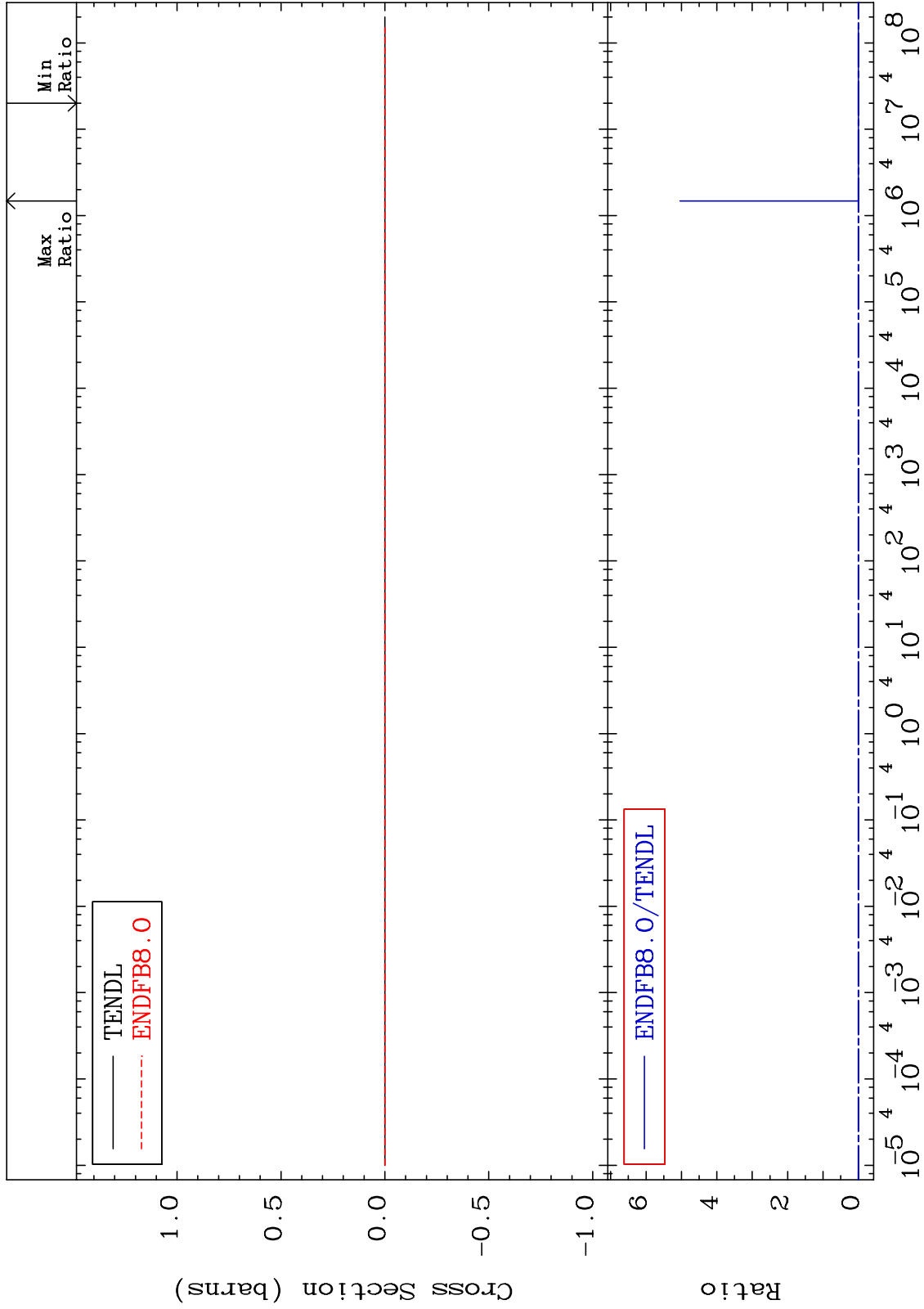
28-Ni-58
-100.0 To 9999. %



MAT 2825

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

28-Ni-58
-100.0 To 9999. %



54

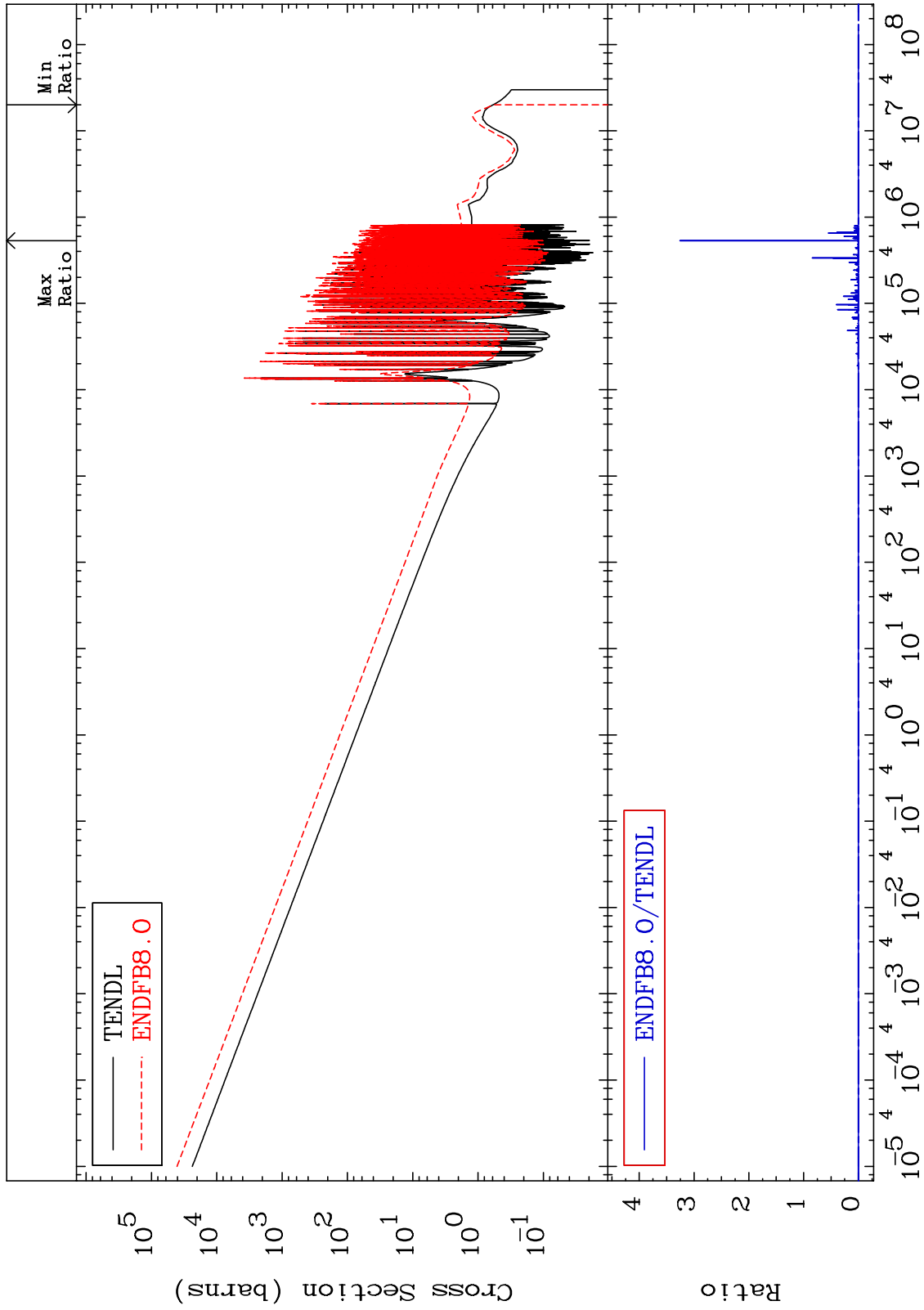
Incident Energy (eV)

28-Ni-58

MAT 2825

Kerma capture (mt102)
Cross Section

28-Ni-58
-100.0 To 9999. %



55

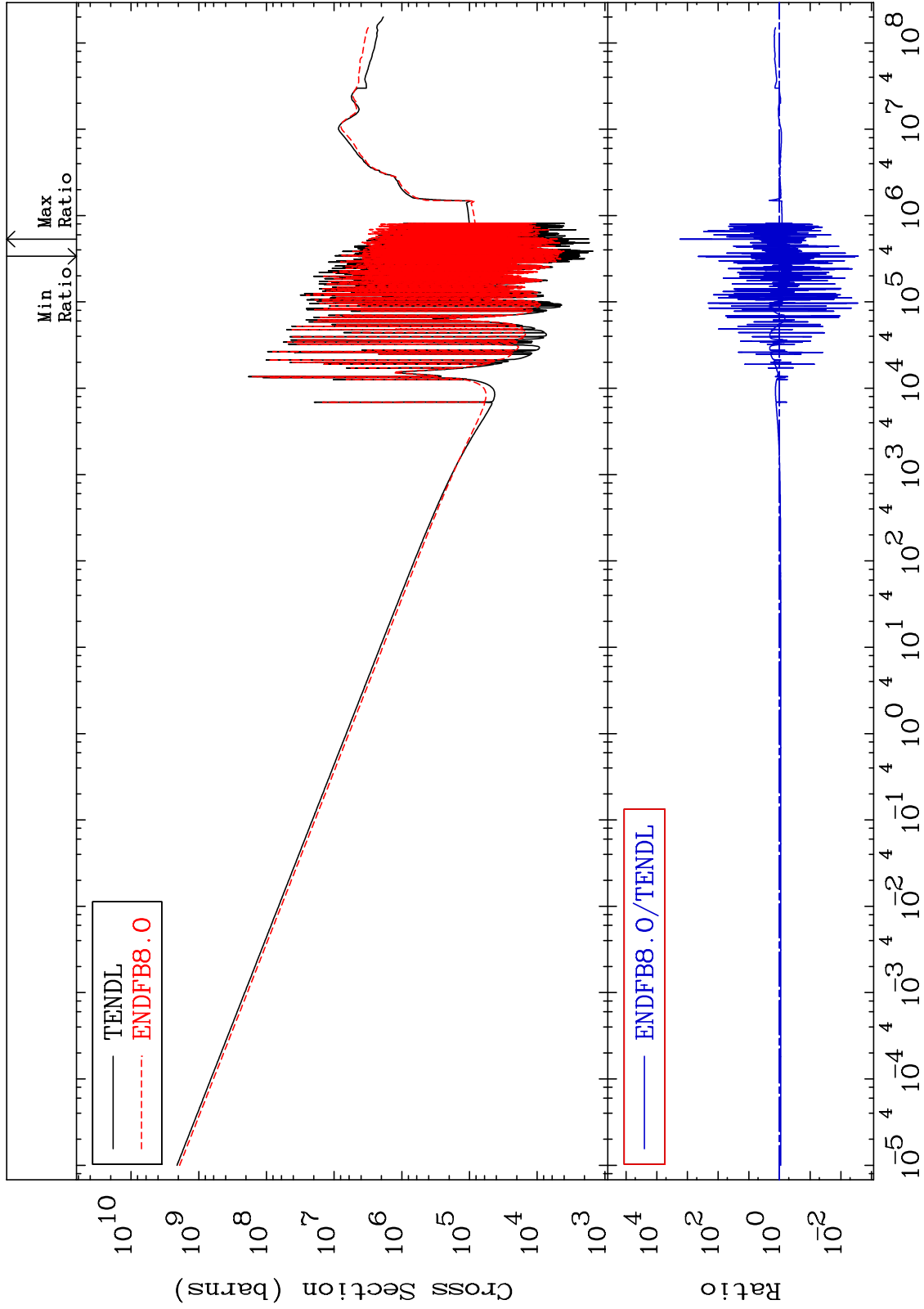
Incident Energy (eV)

28-Ni-58

MAT 2825

Total photon (eV-barns)
Cross Section

28-Ni-58
-99.73 To 9999. %



56

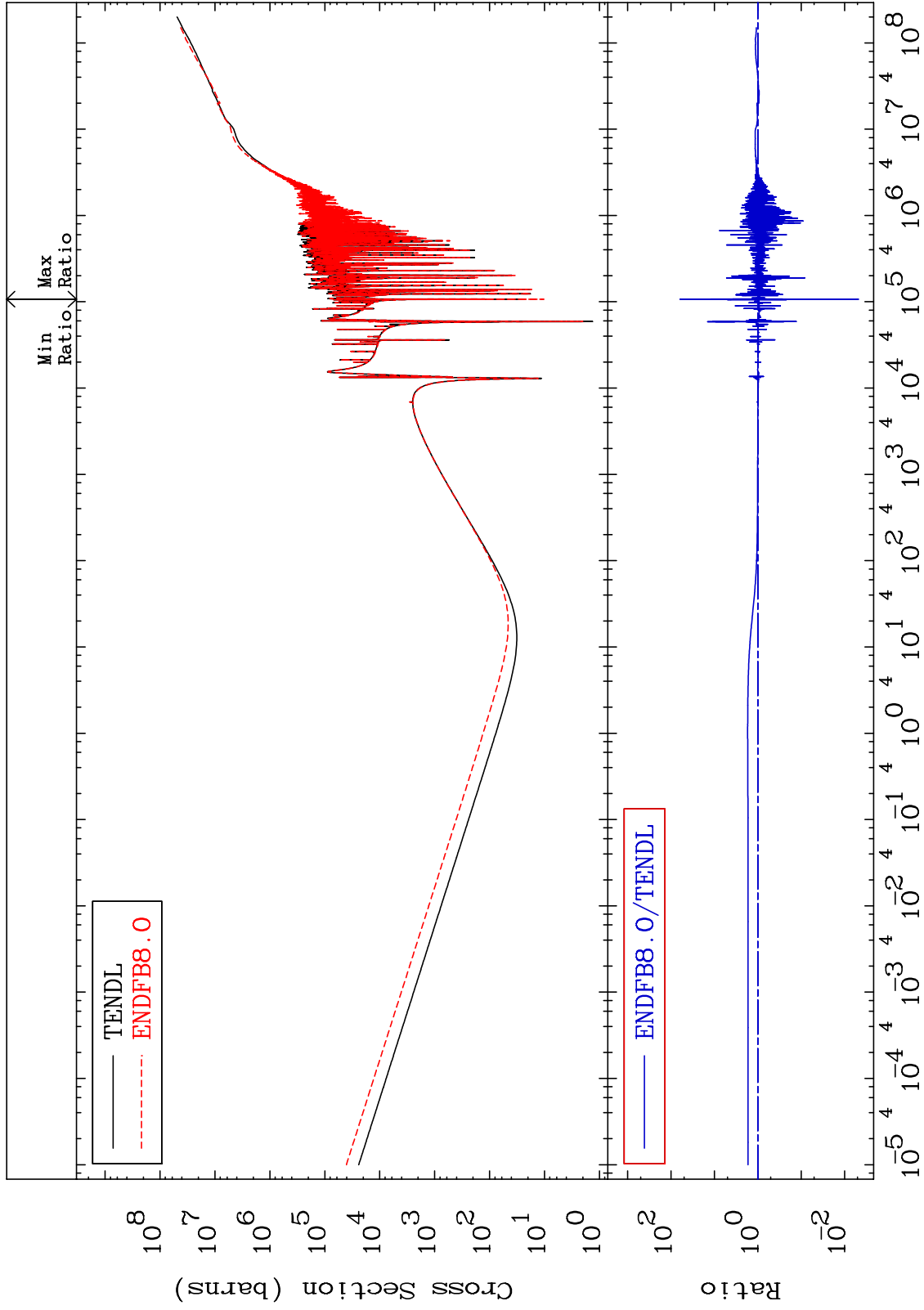
Incident Energy (eV)

28-Ni-58

MAT 2825

Total kinematic kerma (high limit)
Cross Section

28-Ni-58
-99.52 To 6073. %



57

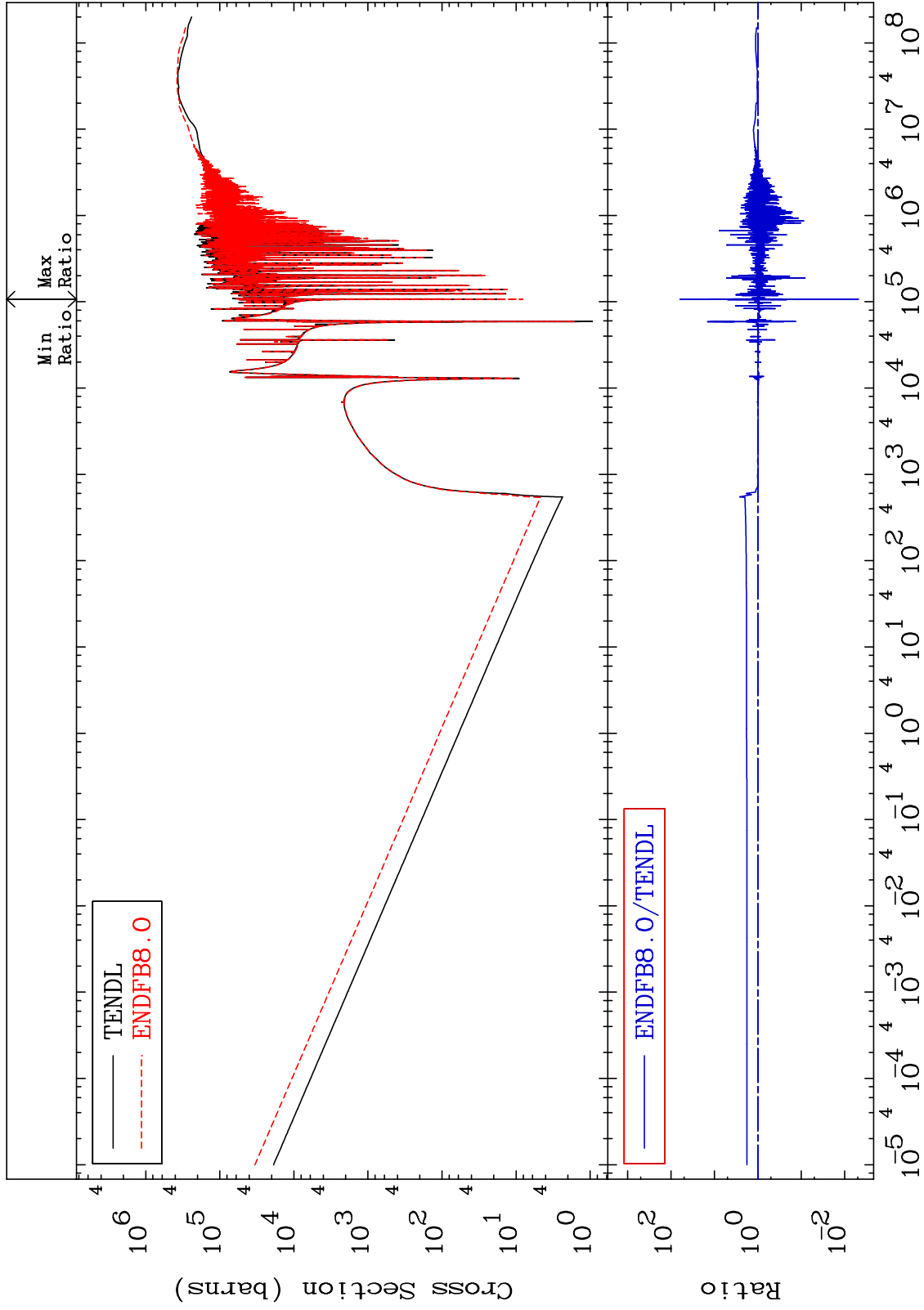
Incident Energy (eV)

28-Ni-58

MAT 2825

Dpa total (eV-barns)
Cross Section

28-Ni-58
-99.52 To 6097. %



58

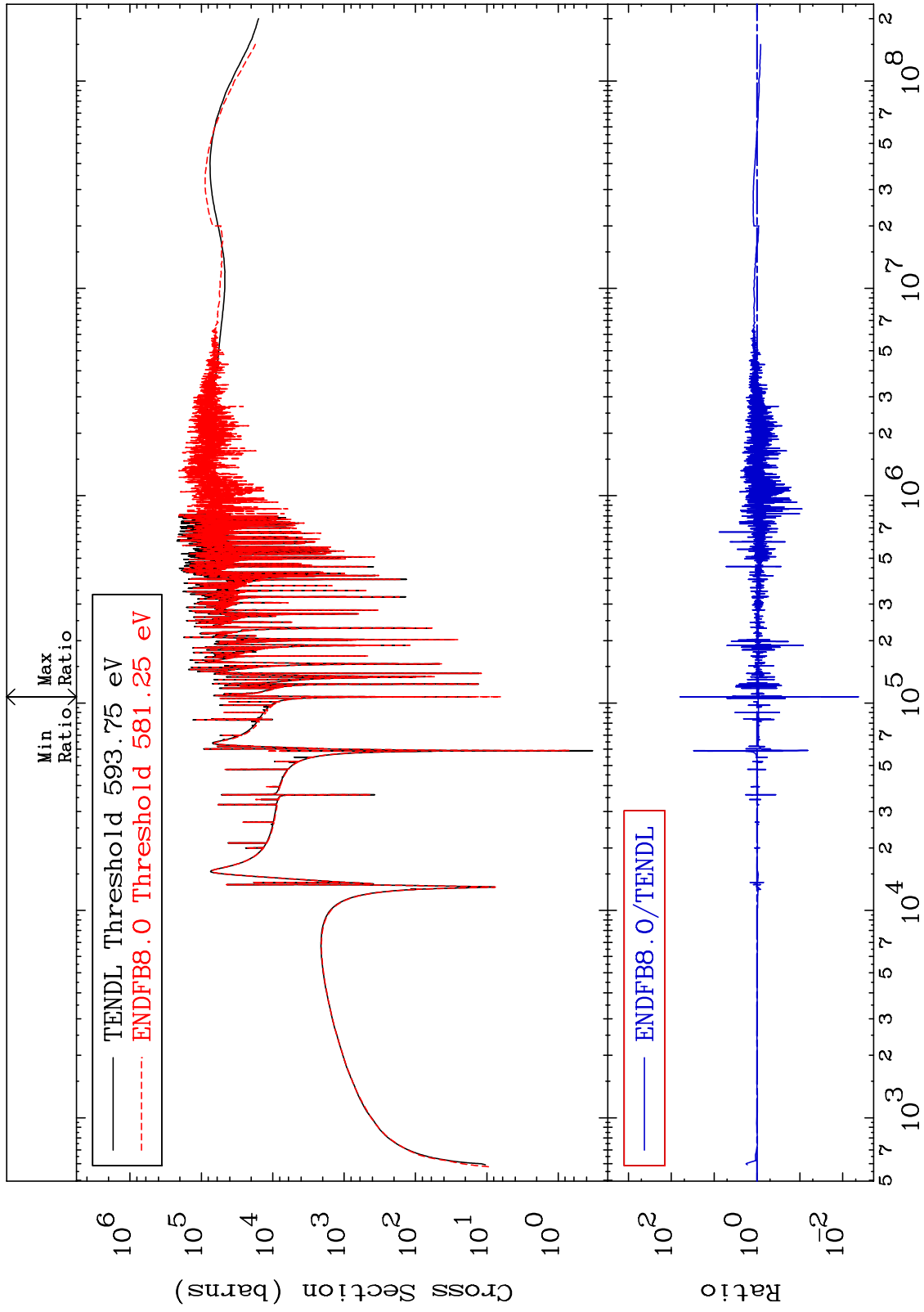
Incident Energy (eV)

28-Ni-58

MAT 2825

Dpa elastic (mt2)
Cross Section

28-Ni-58
-99.57 To 6169. %



59

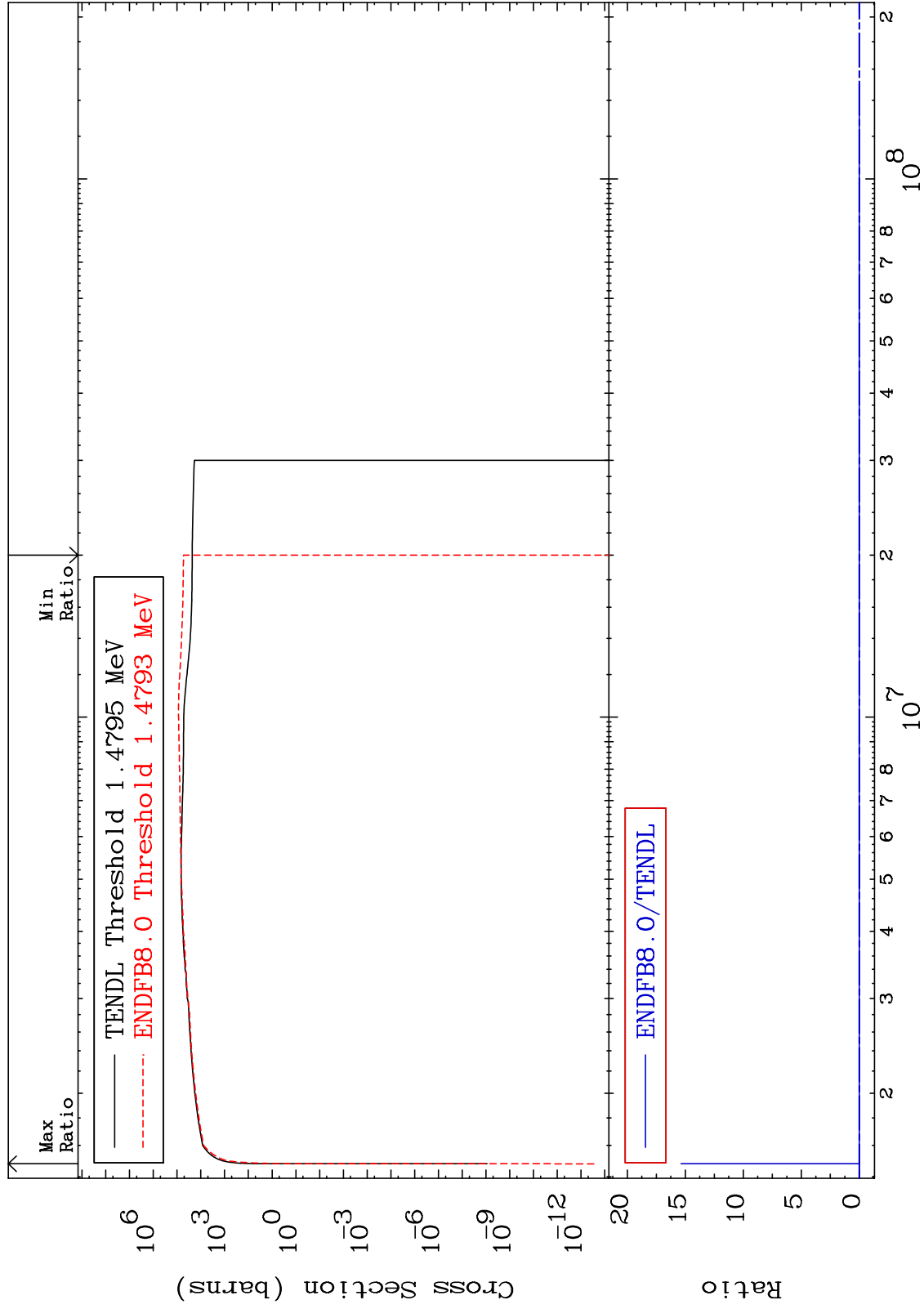
Incident Energy (eV)

28-Ni-58

MAT 2825

Dpa inelastic (mt51-91)
Cross Section

28-Ni-58
-100.0 To 9999. %



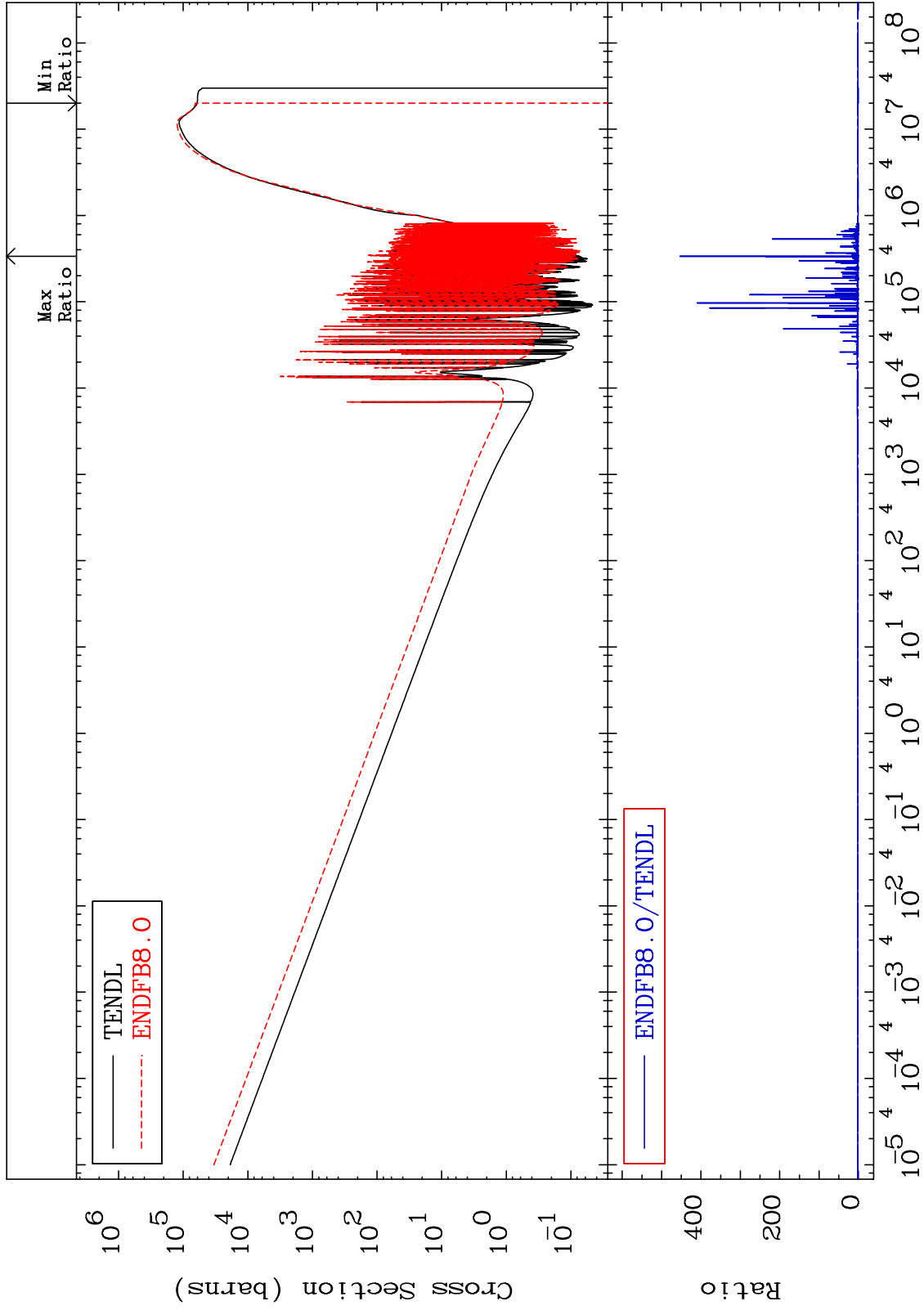
60

28-Ni-58

MAT 2825

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-58
-100.0 To 9999. %



61

Incident Energy (eV)

28-Ni-58