

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

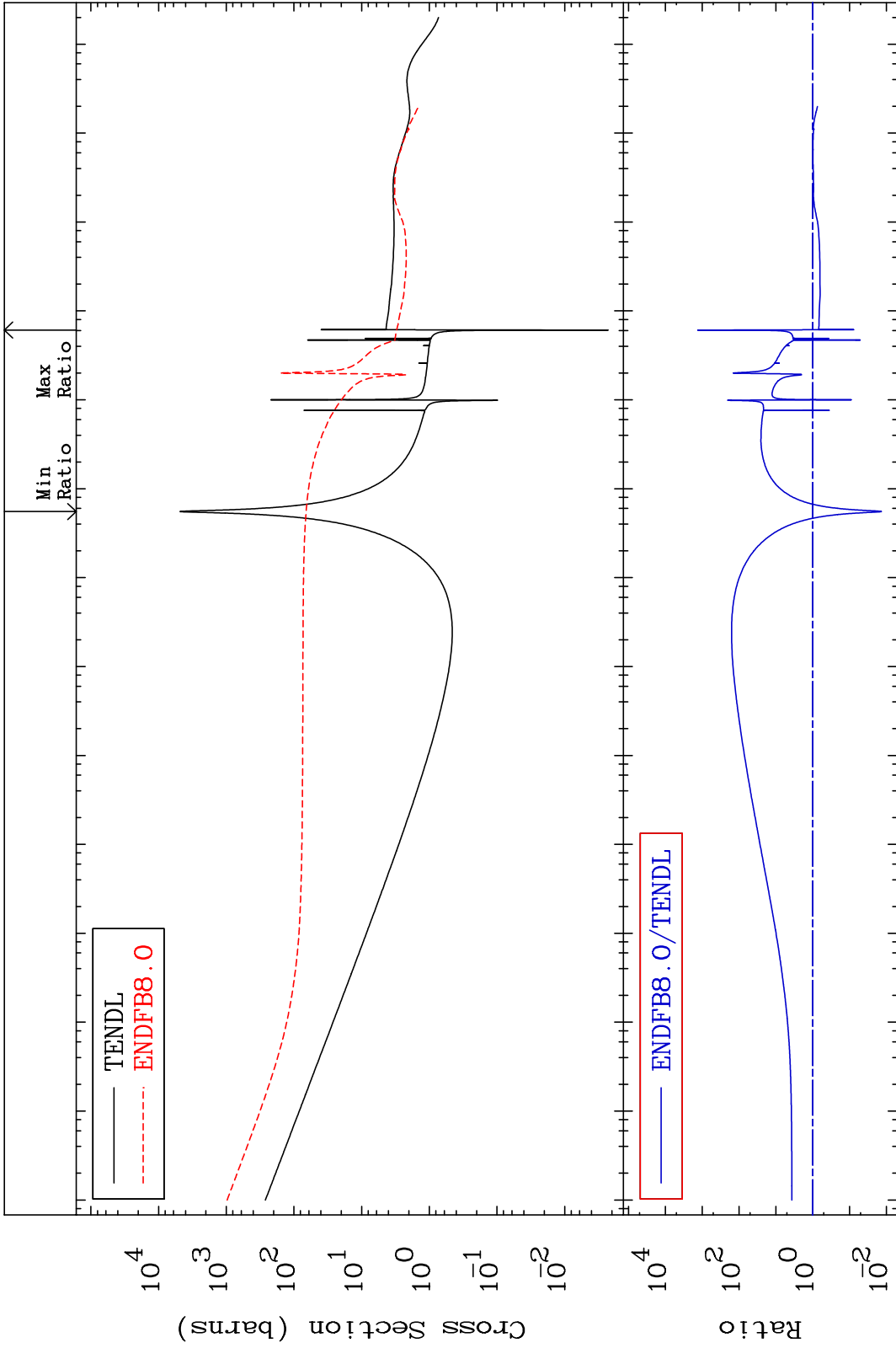
MAT 1825

Total

18-Ar-36

Cross Section

-98.64 To 9999. %



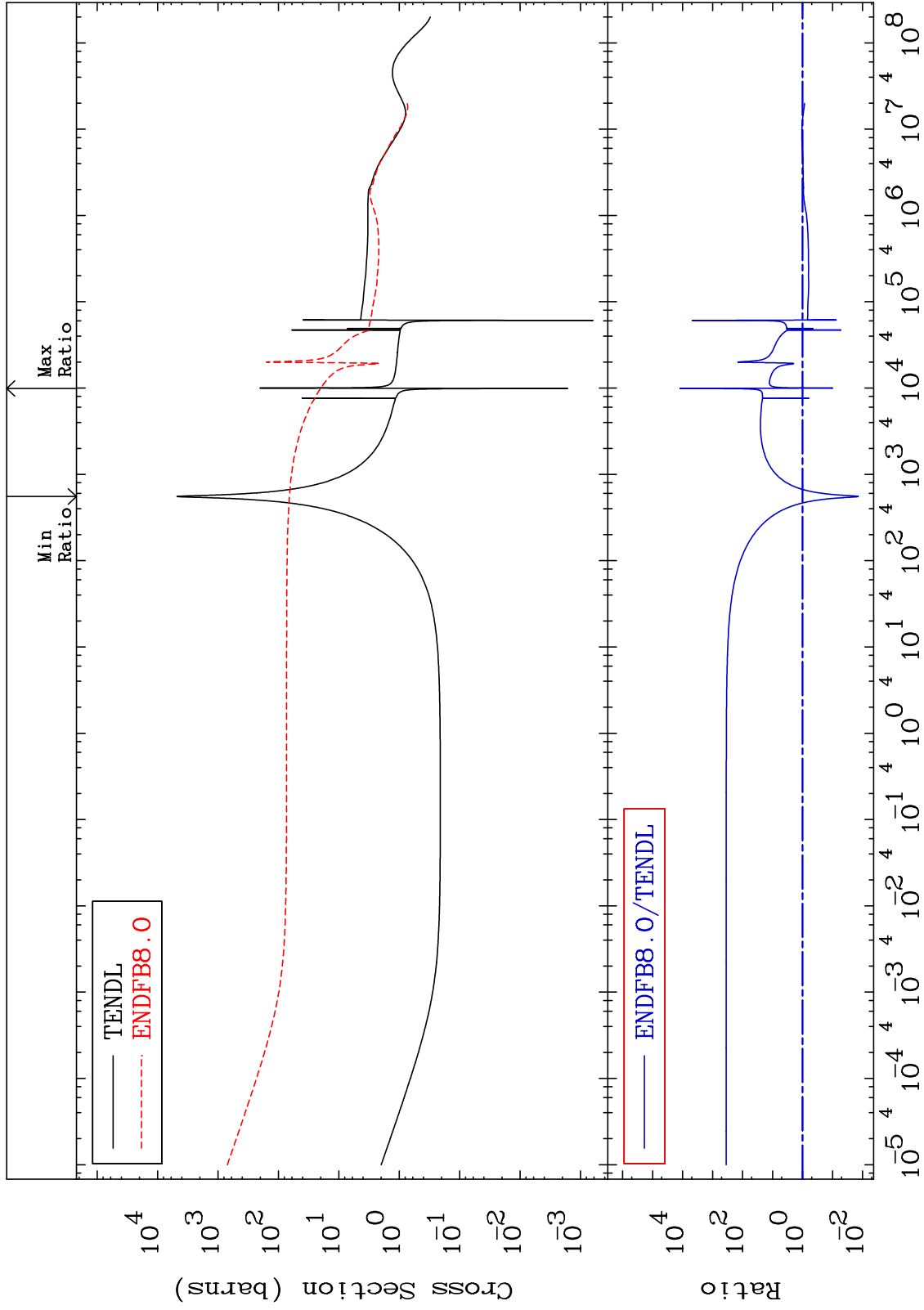
Incident Energy (eV)

18-Ar-36

MAT 1825

Elastic
Cross Section

18-Ar-36
-98.62 To 9999. %

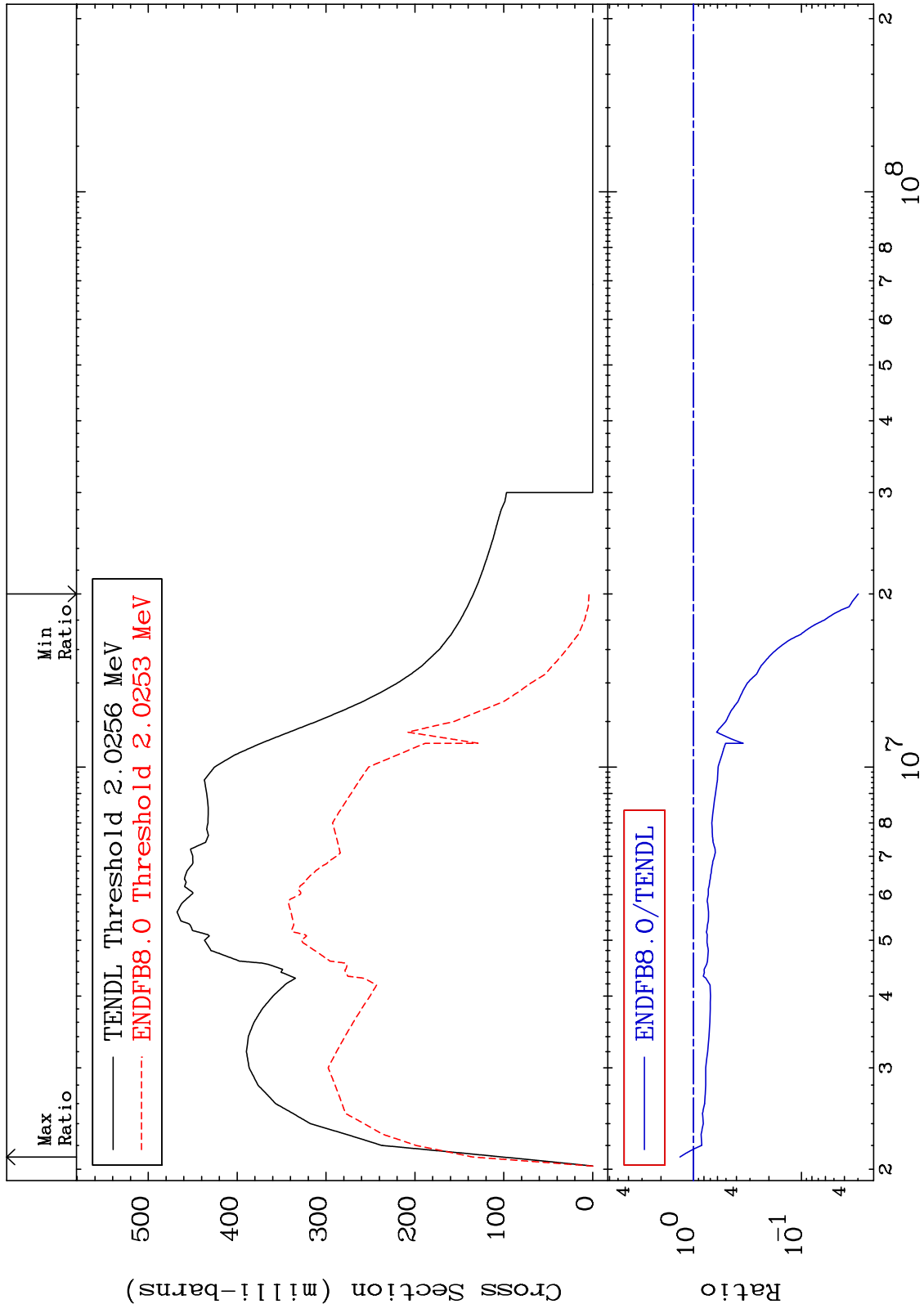


Incident Energy (eV)

18-Ar-36

2

MAT 1825 Inelastic Cross Section 18-Ar-36
-97.04 To 33.29 %



3 18-Ar-36

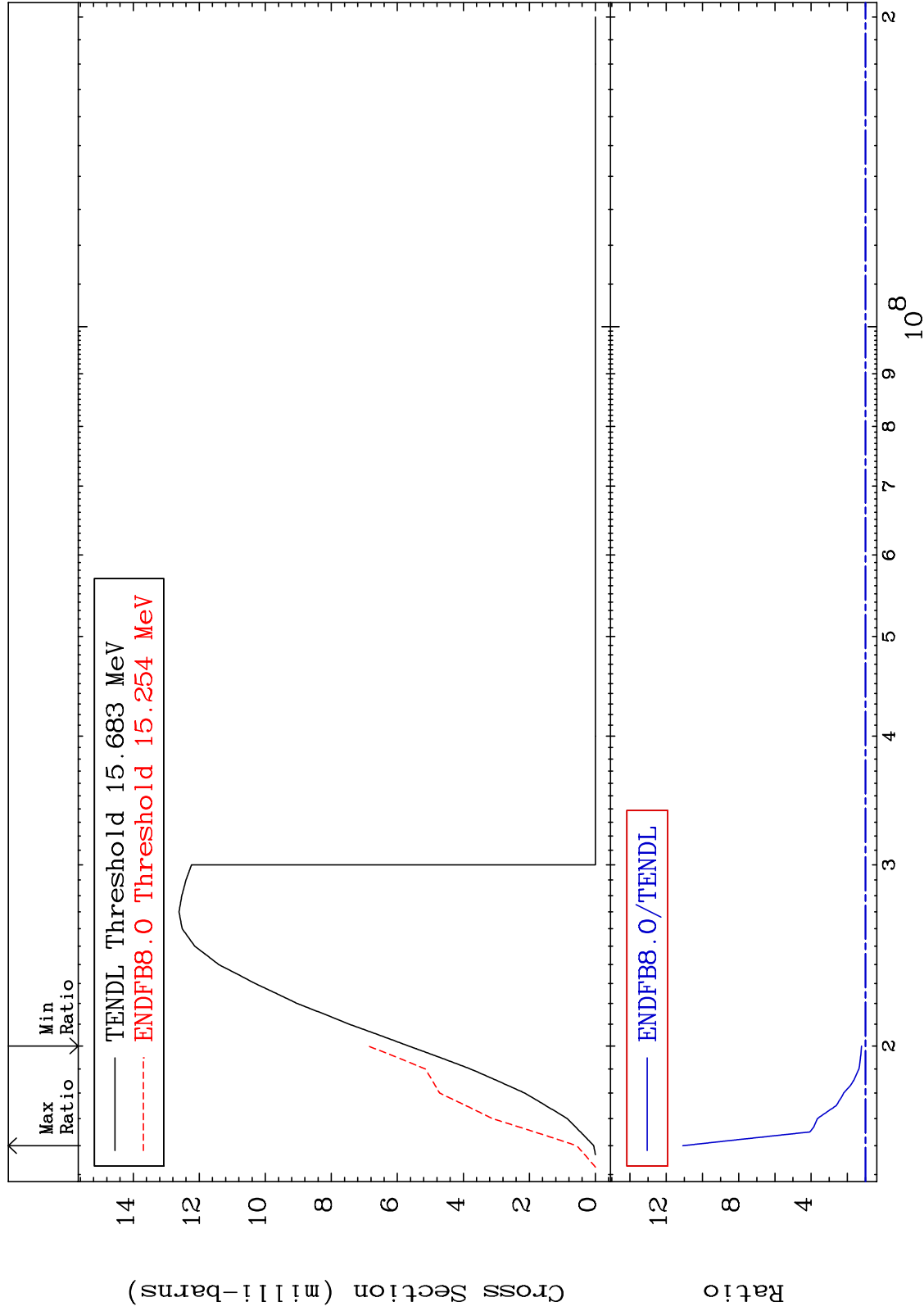
MAT 1825

(n,2n)

18-Ar-36

Cross Section

21.58 To 1008. %



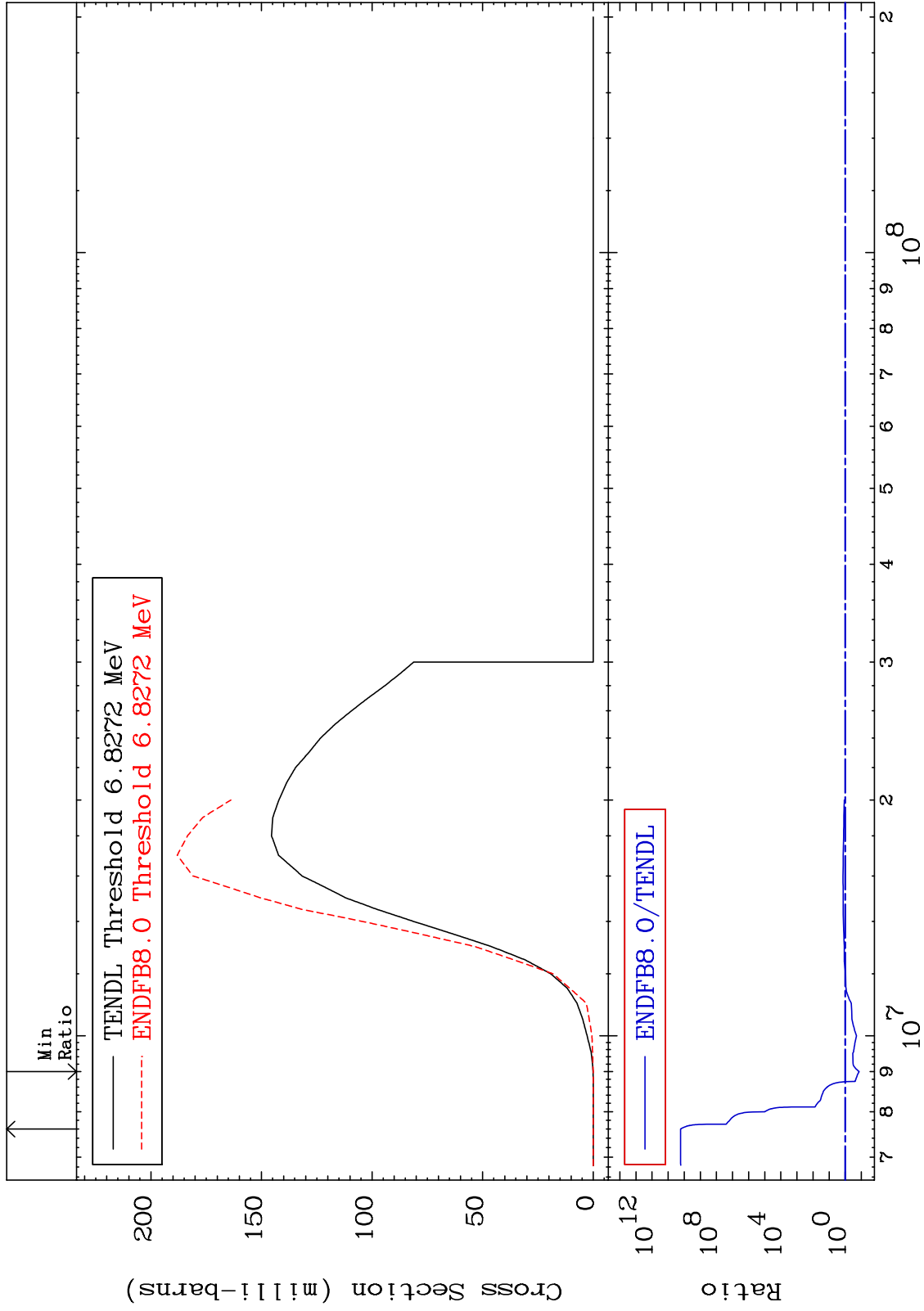
MAT 1825

(n,n') α

18-Ar-36

Cross Section

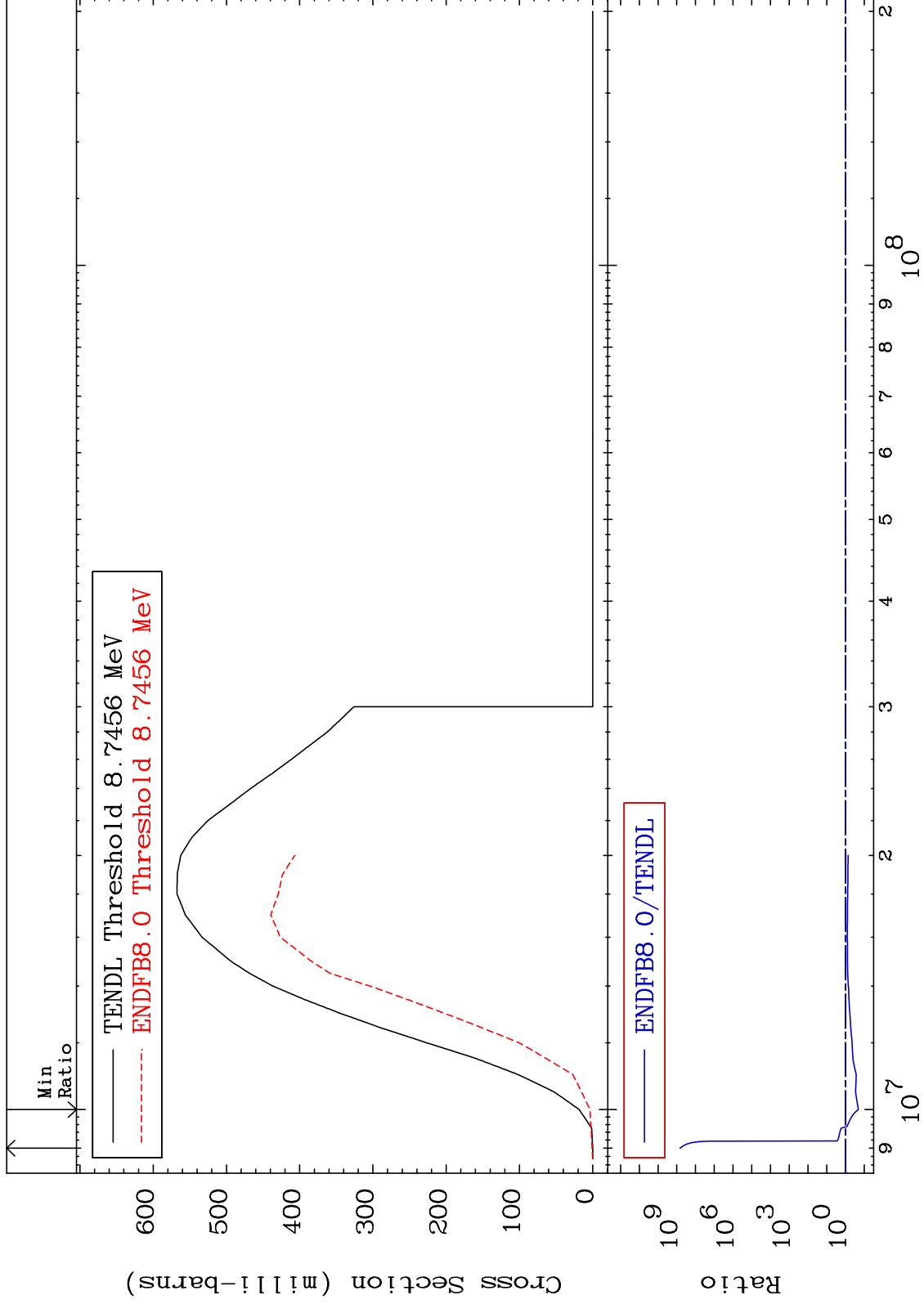
-86.35 To 9999. %



MAT 1825

(n,n') p
Cross Section

18-Ar-36
-79.61 To 9999. %



6

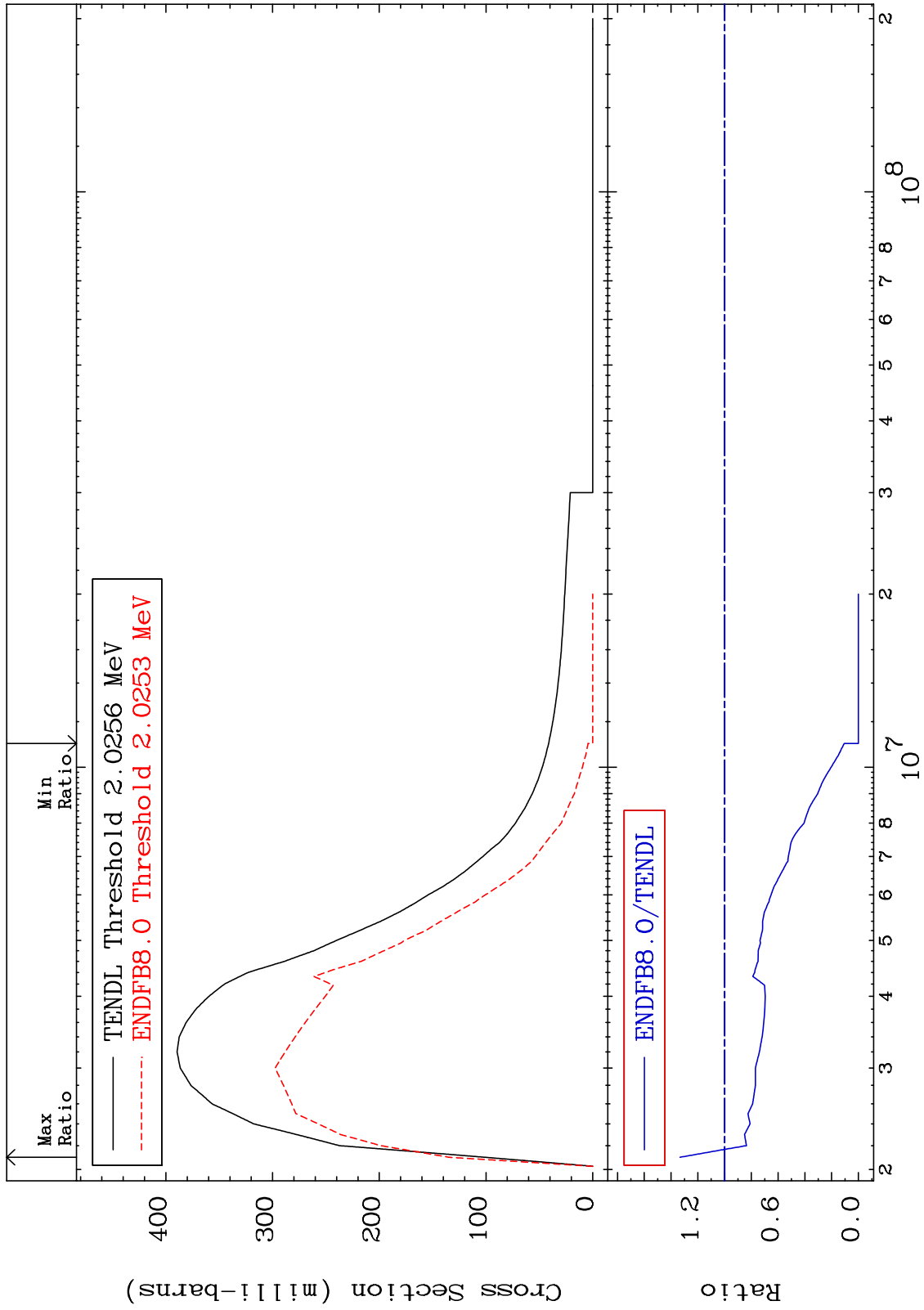
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To 33.29 %



7

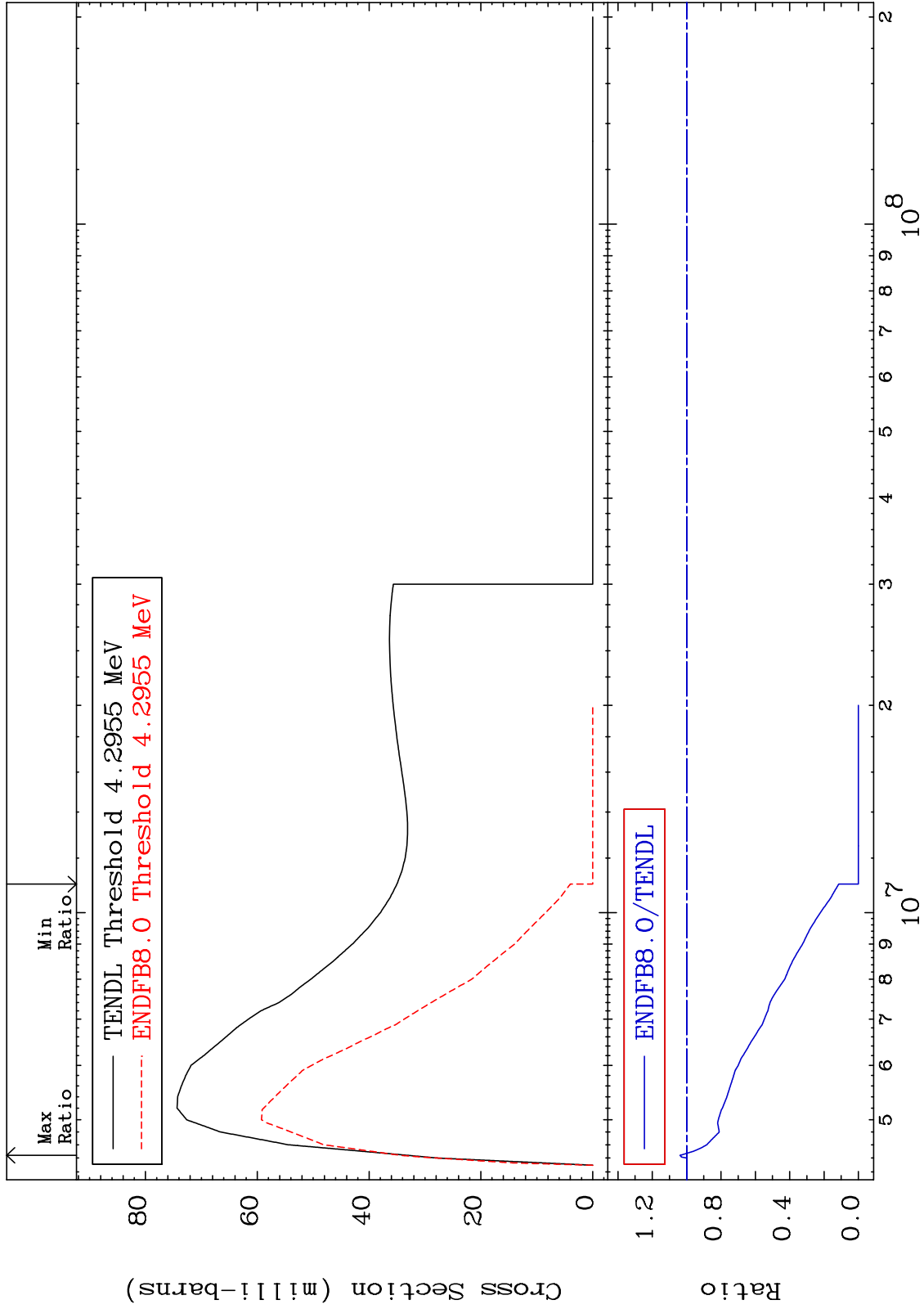
18-Ar-36

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To 3.859 %



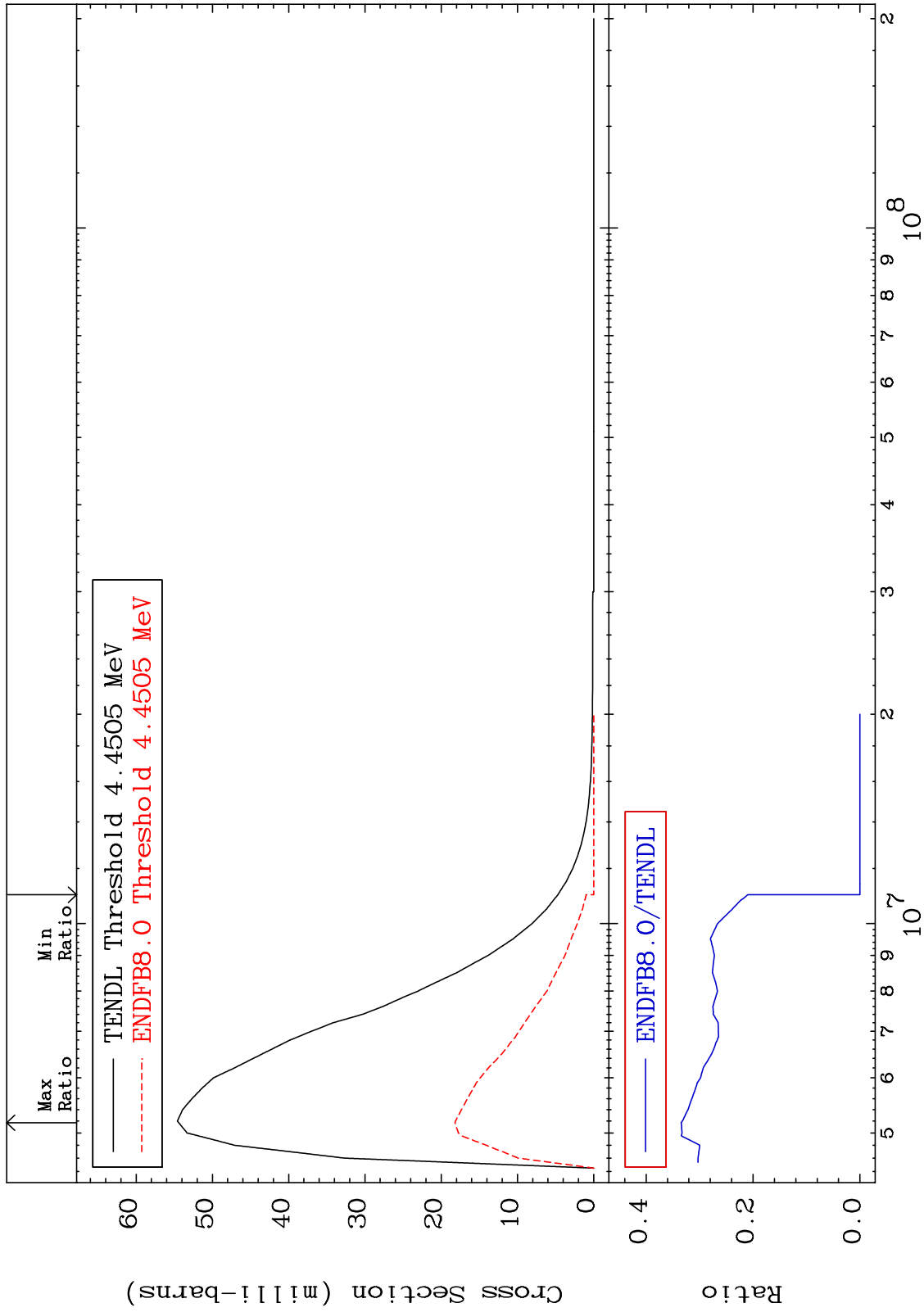
8

18-Ar-36

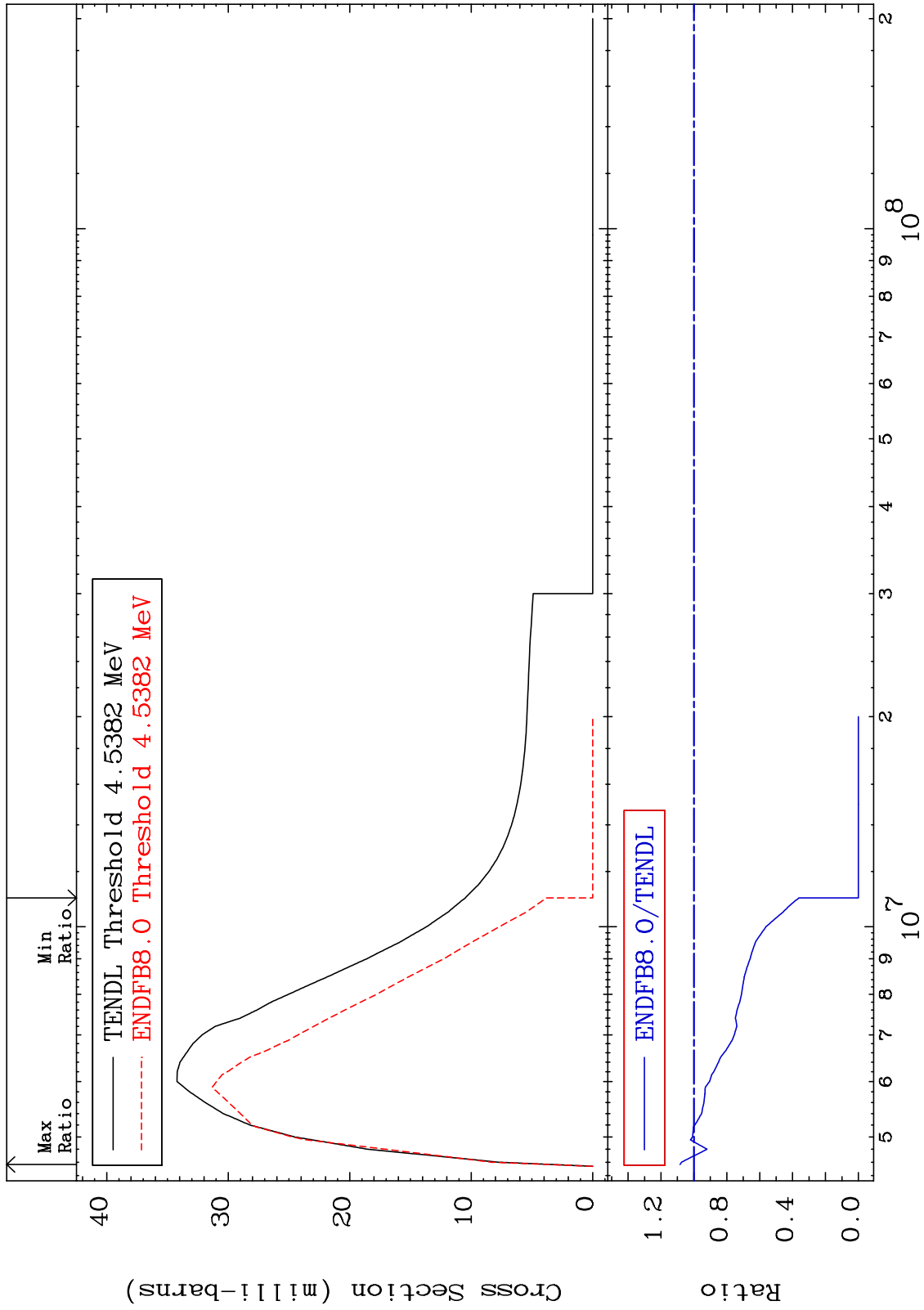
MAT 1825

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

18-Ar-36
-100.0 To -66.57%



MAT 1825 MT= 54 (n,n') Level Cross Section 18-Ar-36
 -100.0 To 8.433 %

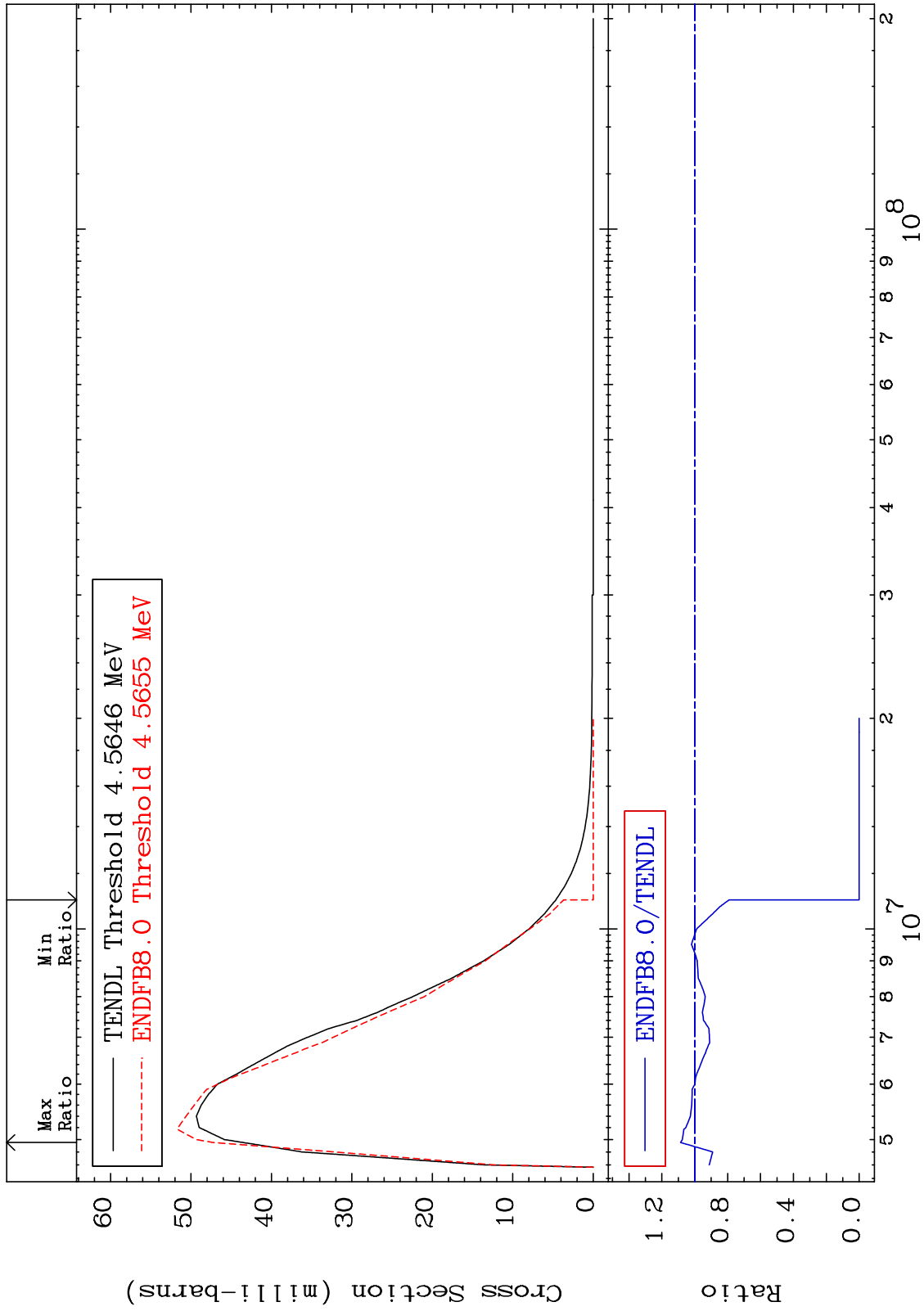


10 18-Ar-36

MAT 1825

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

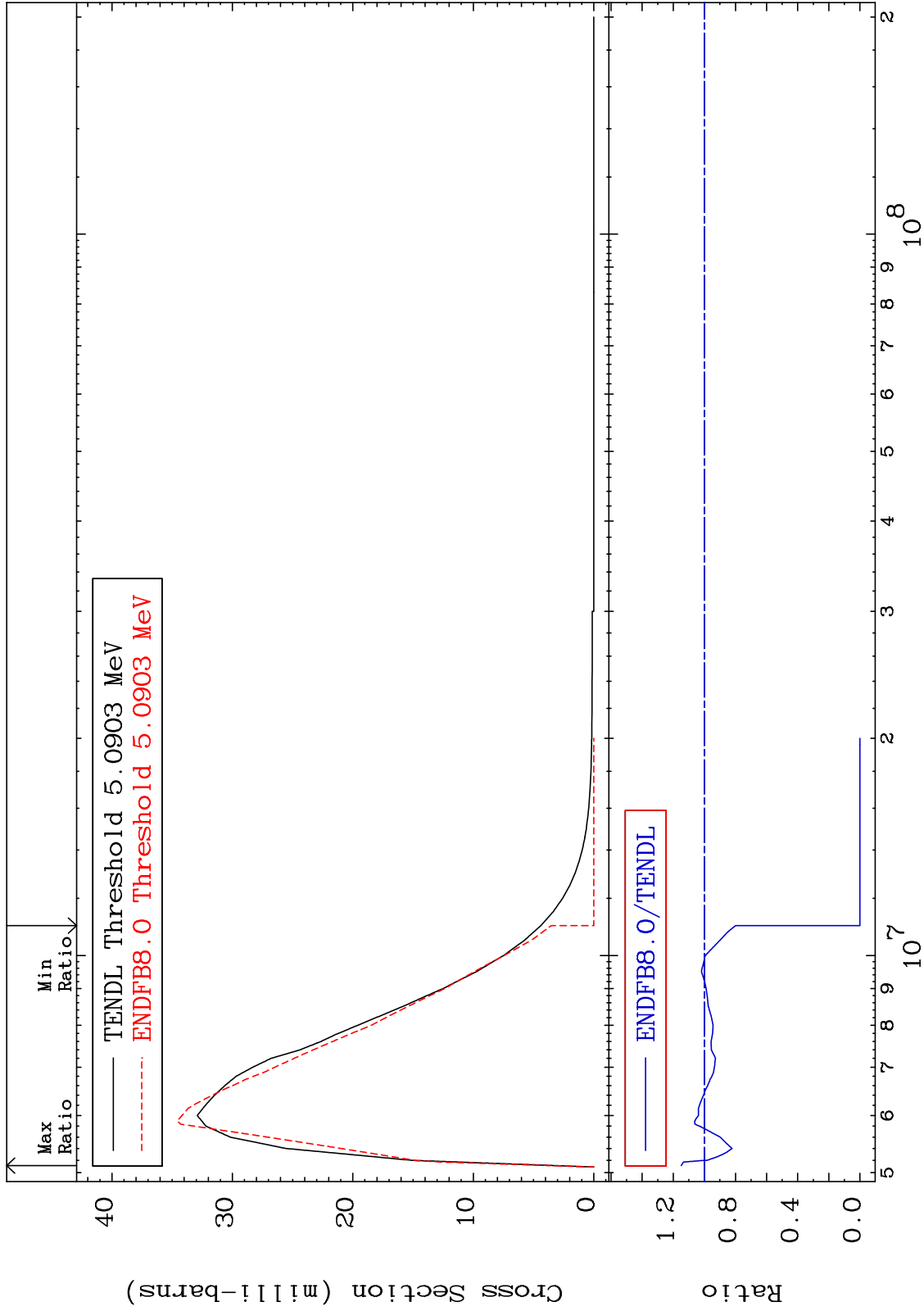
18-Ar-36
-100.0 To 8.571 %



MAT 1825

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

18-Ar-36
-100.0 To 14.86 %



12

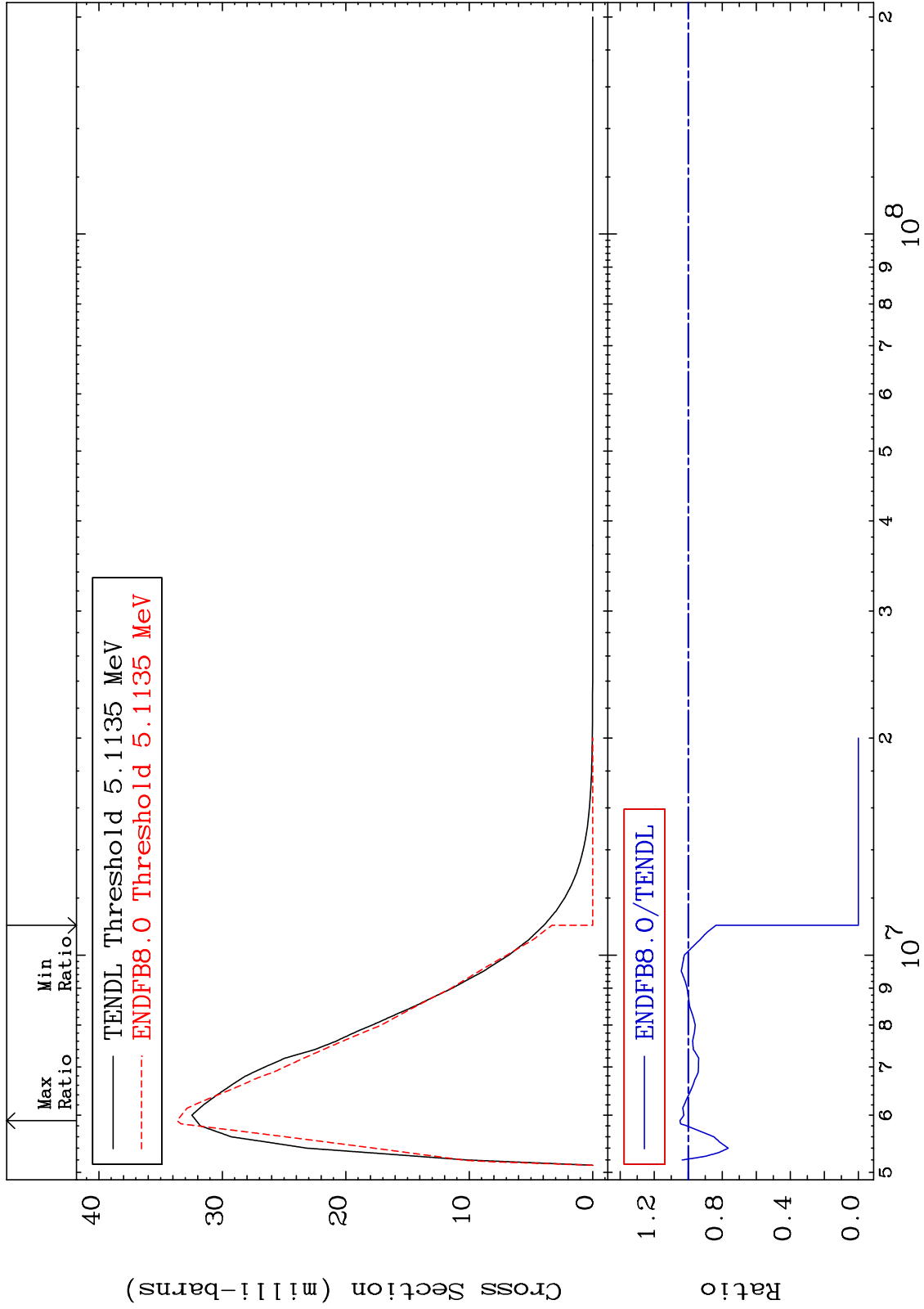
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To 4.832 %



13

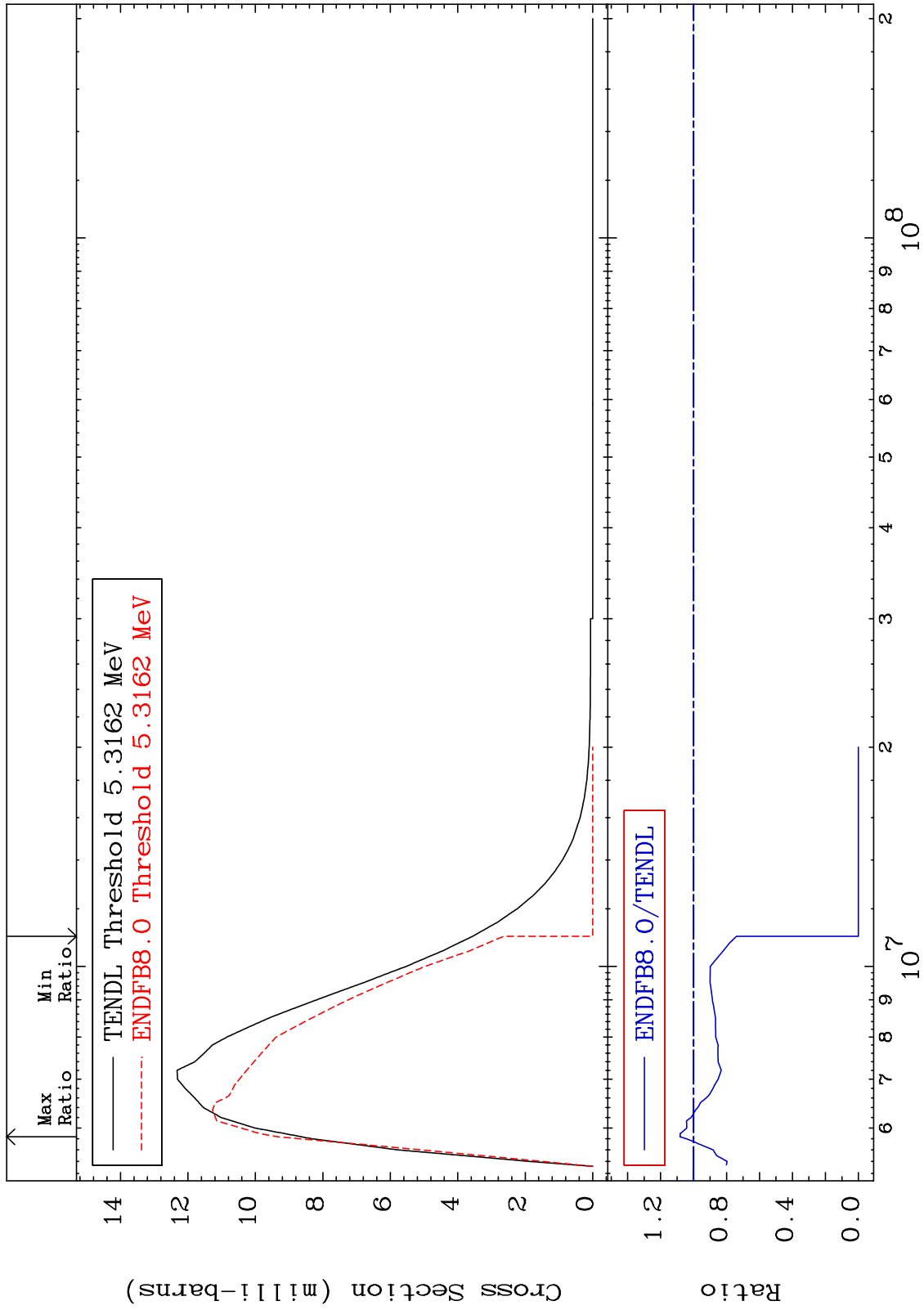
Incident Energy (eV)

18-Ar-36

MAT 1825

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

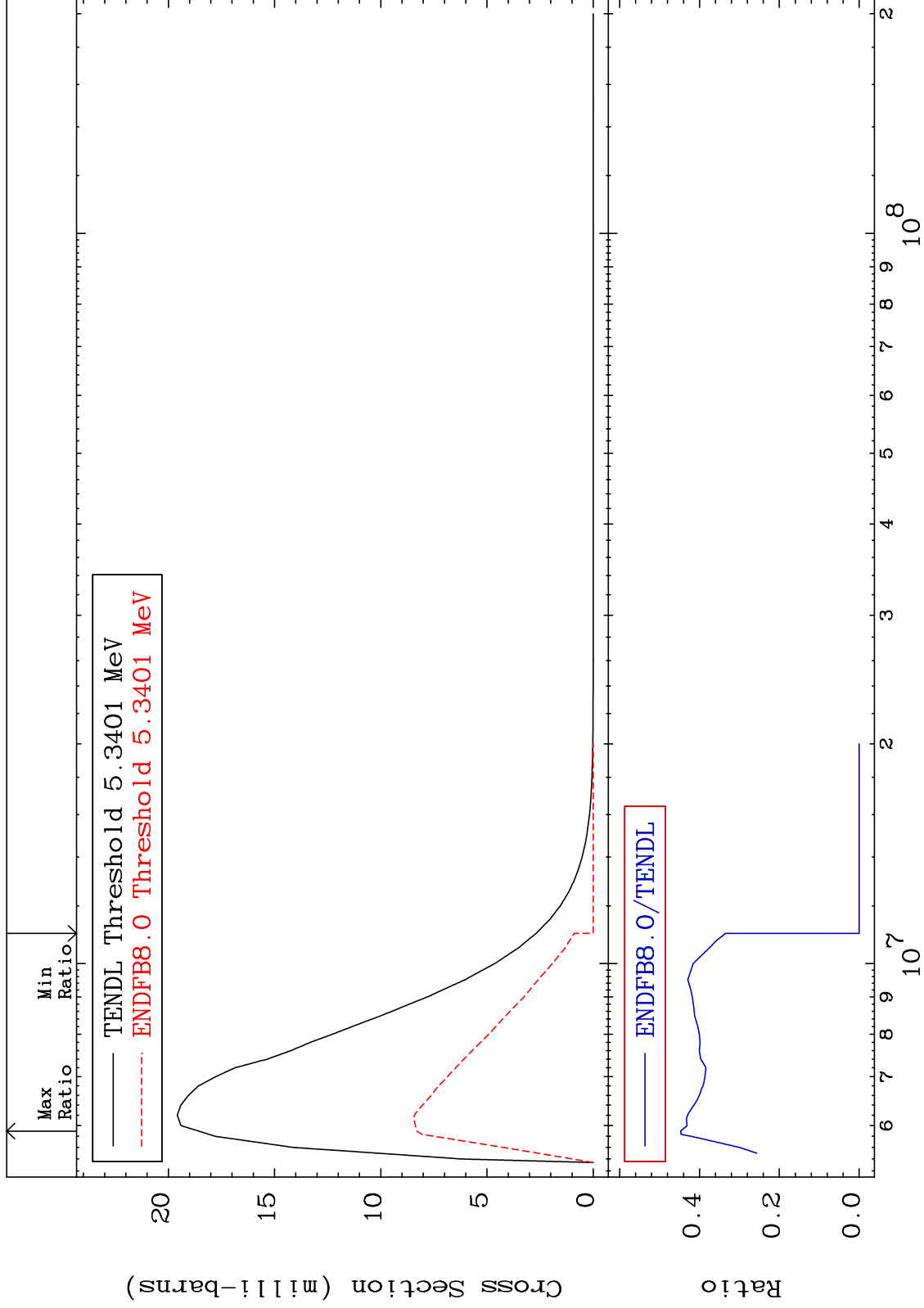
18-Ar-36
-100.0 To 8.219 %



MAT 1825

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

18-Ar-36
-100.0 To -55.27%



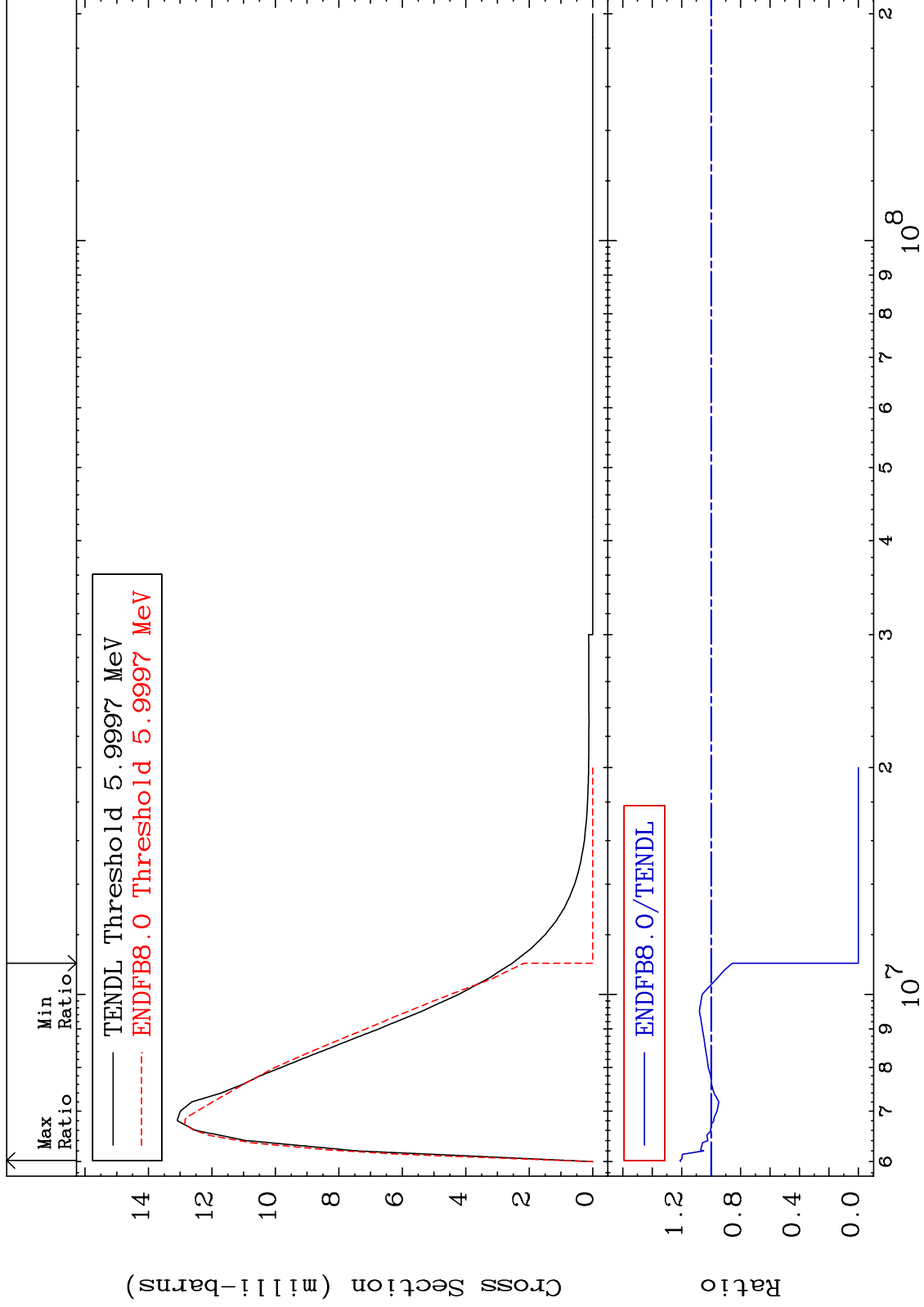
15

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To 21.13 %



16

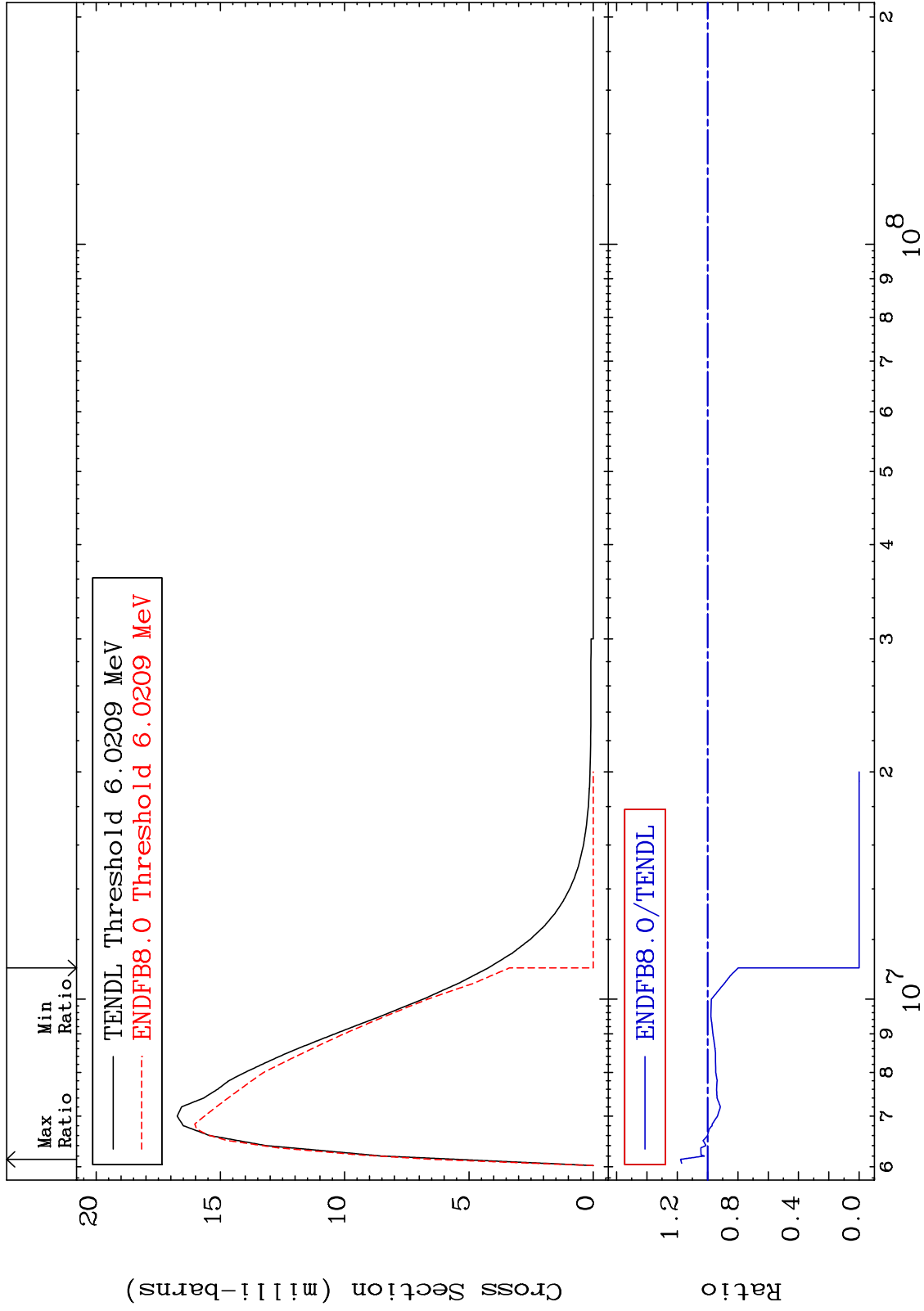
Incident Energy (eV)

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To 17.77 %



17

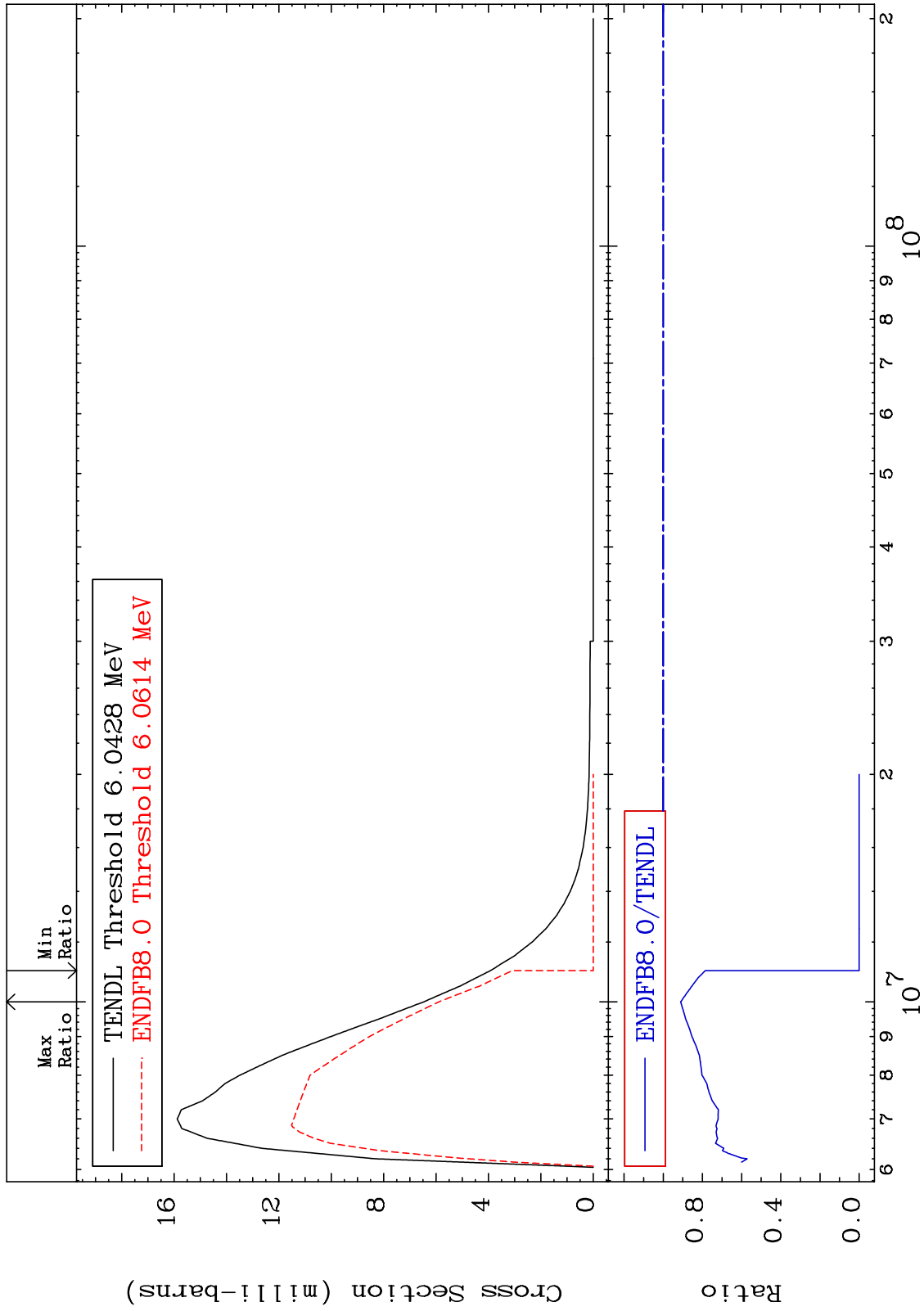
18-Ar-36

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To -8.886%



18

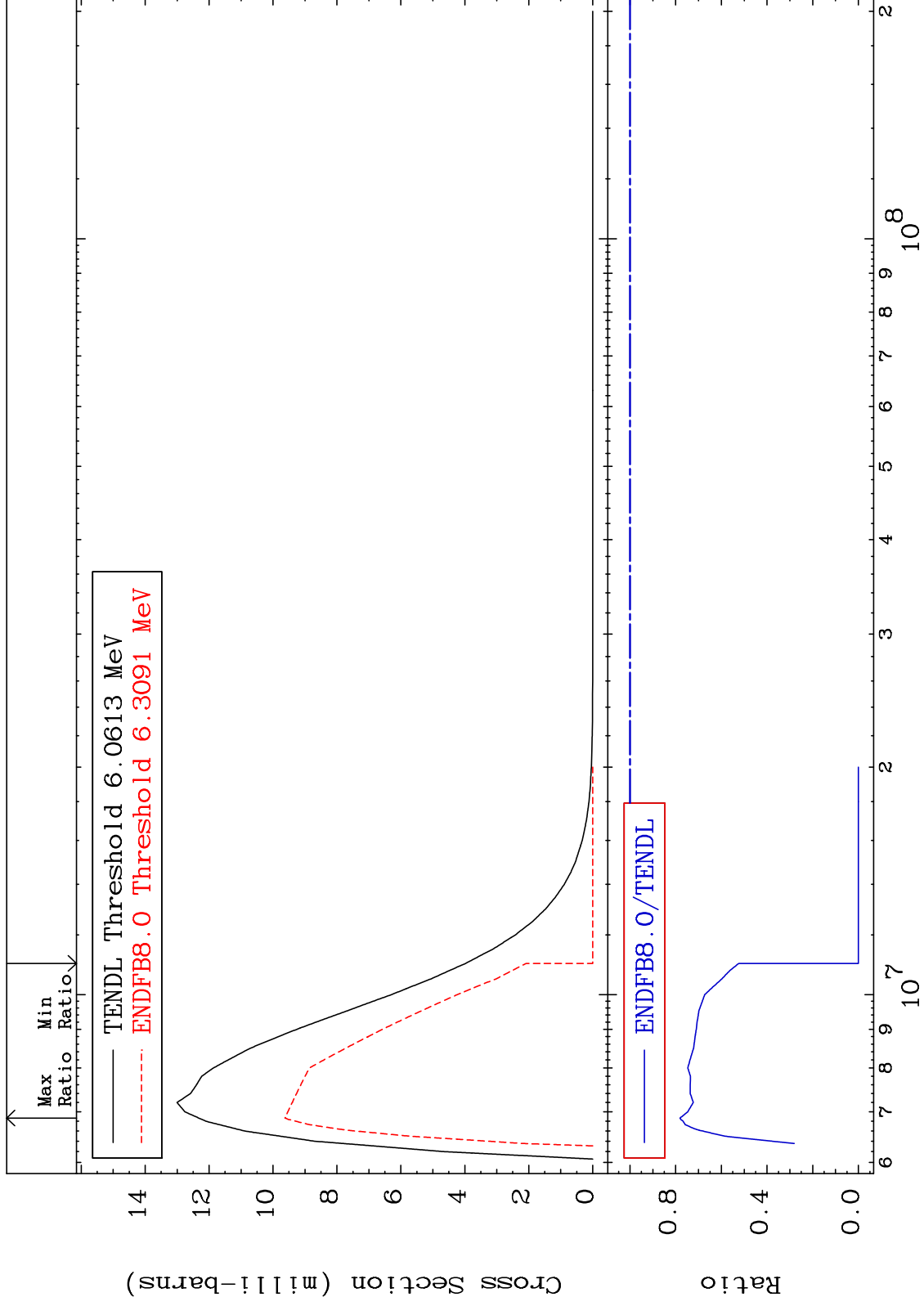
18-Ar-36

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To -21.89%



19

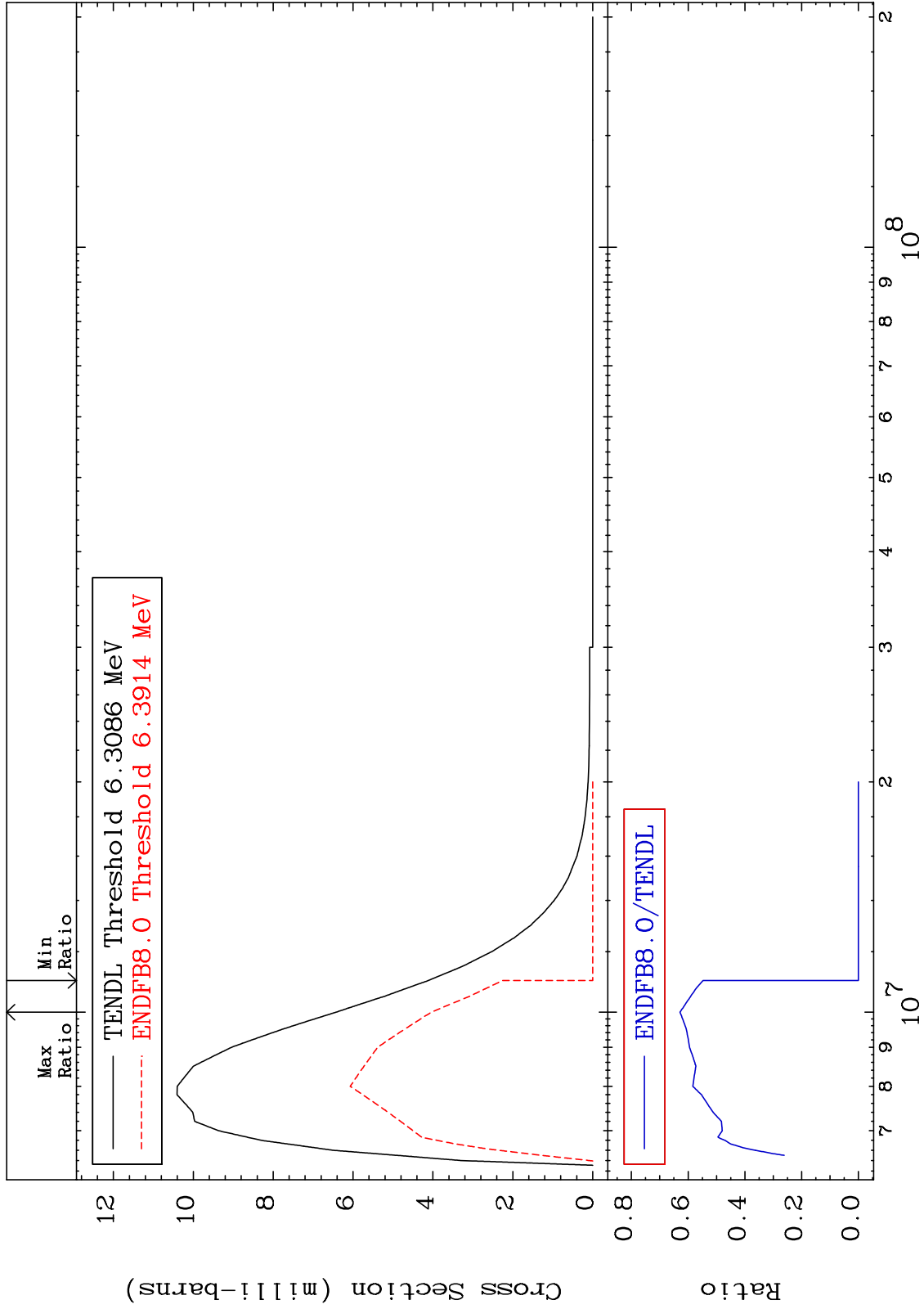
18-Ar-36

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To -37.14%



20

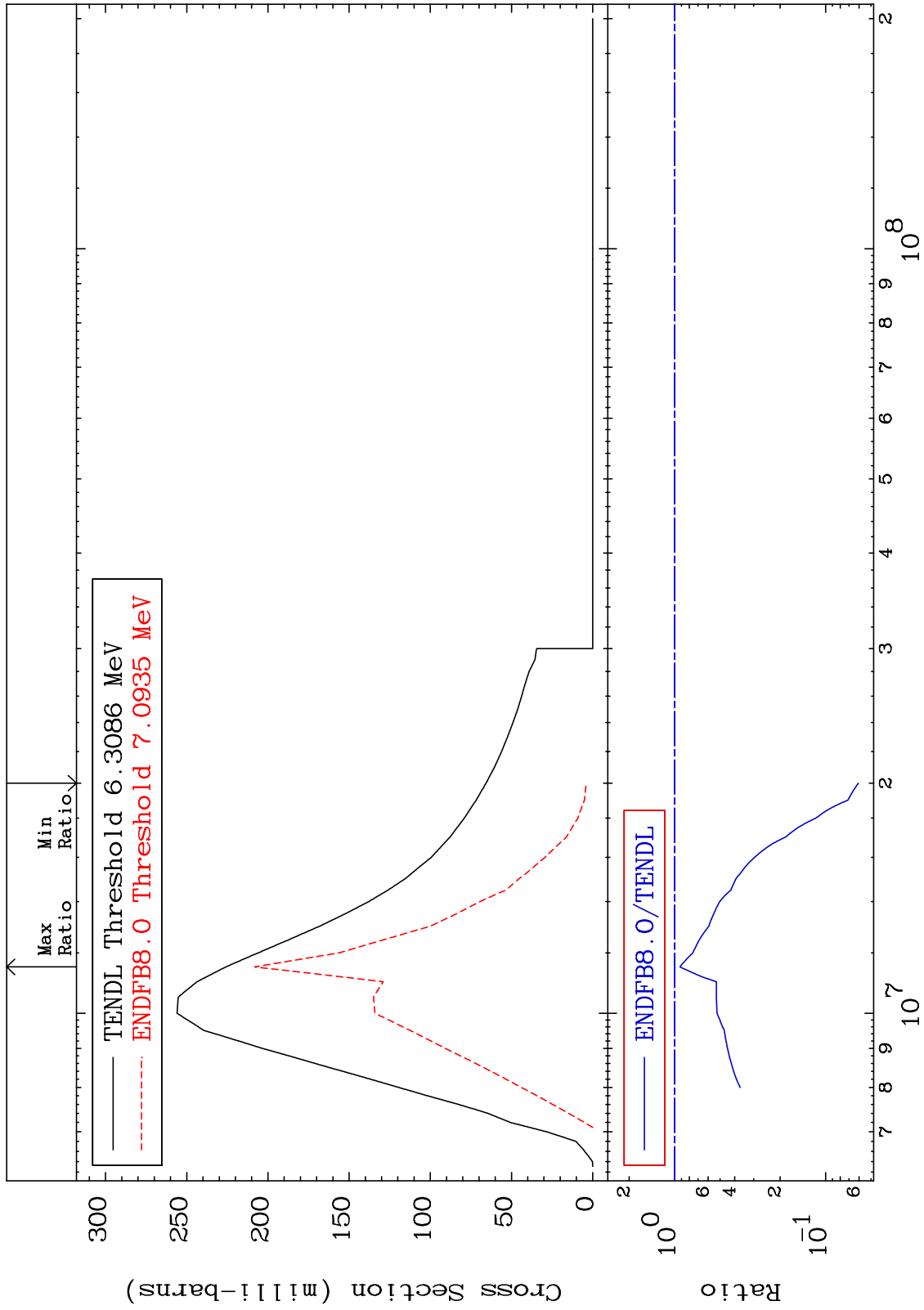
18-Ar-36

18-Ar-36

MAT 1825

(n,n') Continuum
Cross Section

18-Ar-36
-93.94 To -7.852%



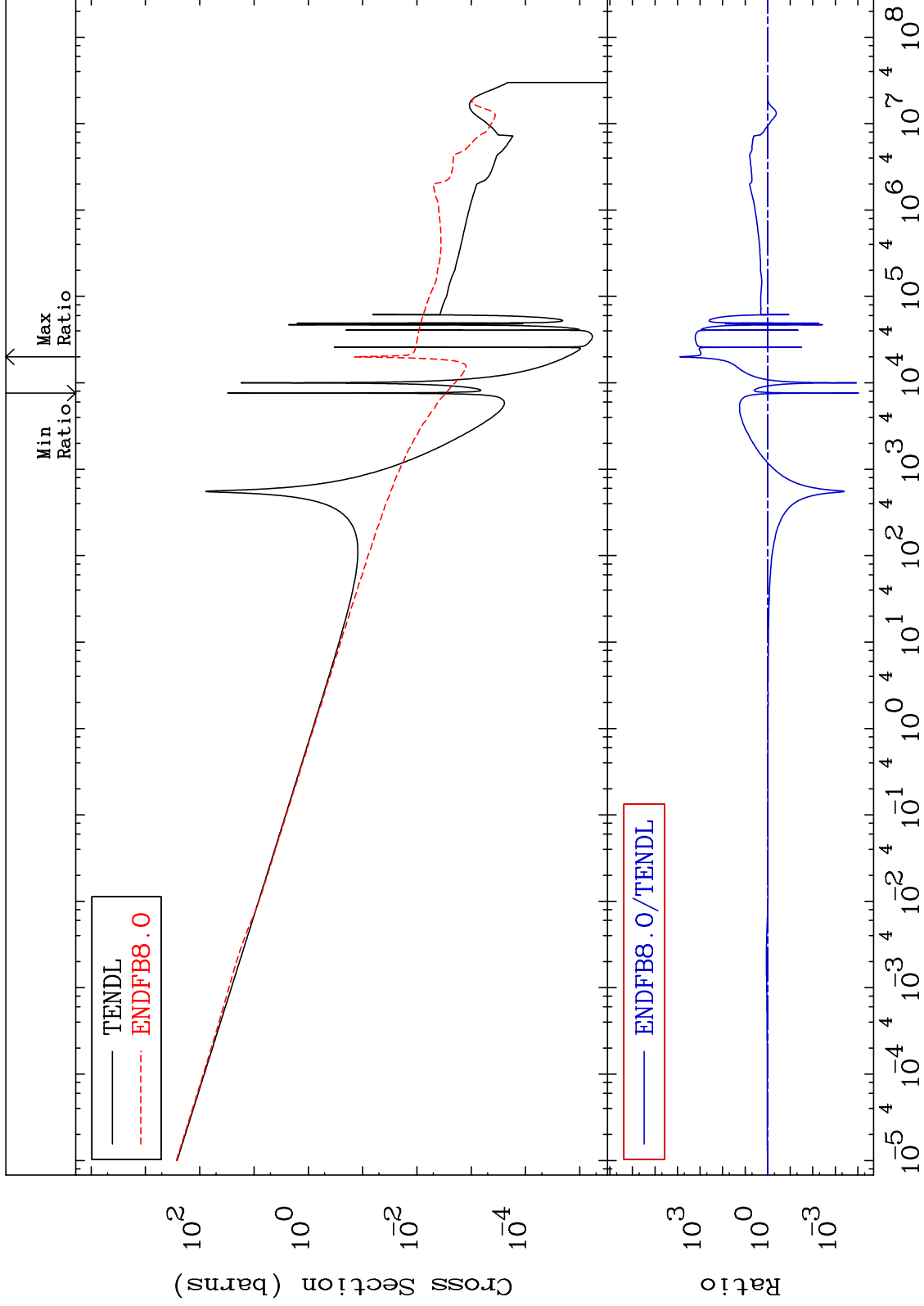
MAT 1825

(n, γ)

18-Ar-36

Cross Section

-99.99 To 9999. %



22

Incident Energy (eV)

18-Ar-36

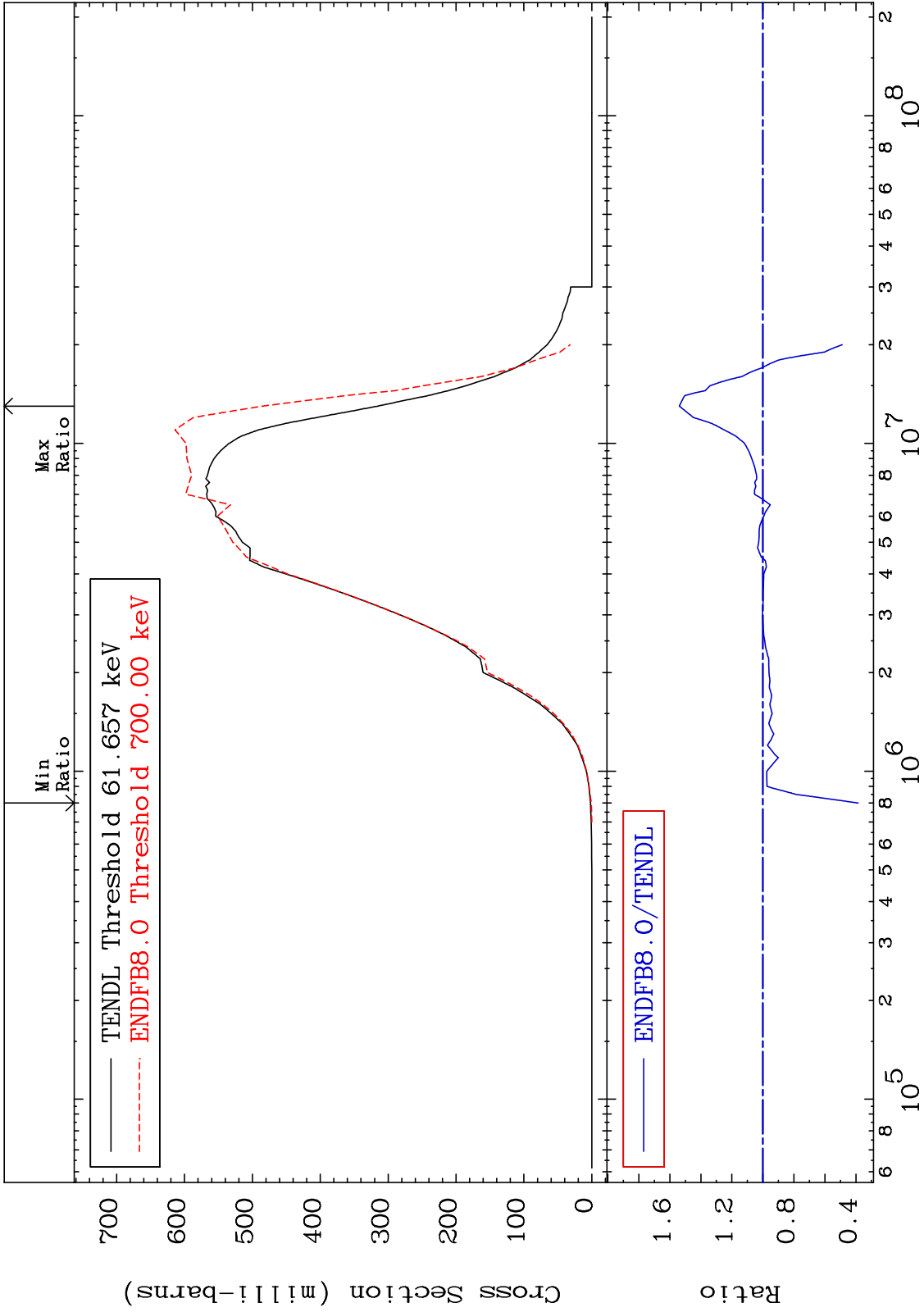
MAT 1825

(n,p)

18-Ar-36

Cross Section

-61.51 To 53.86 %



23

18-Ar-36

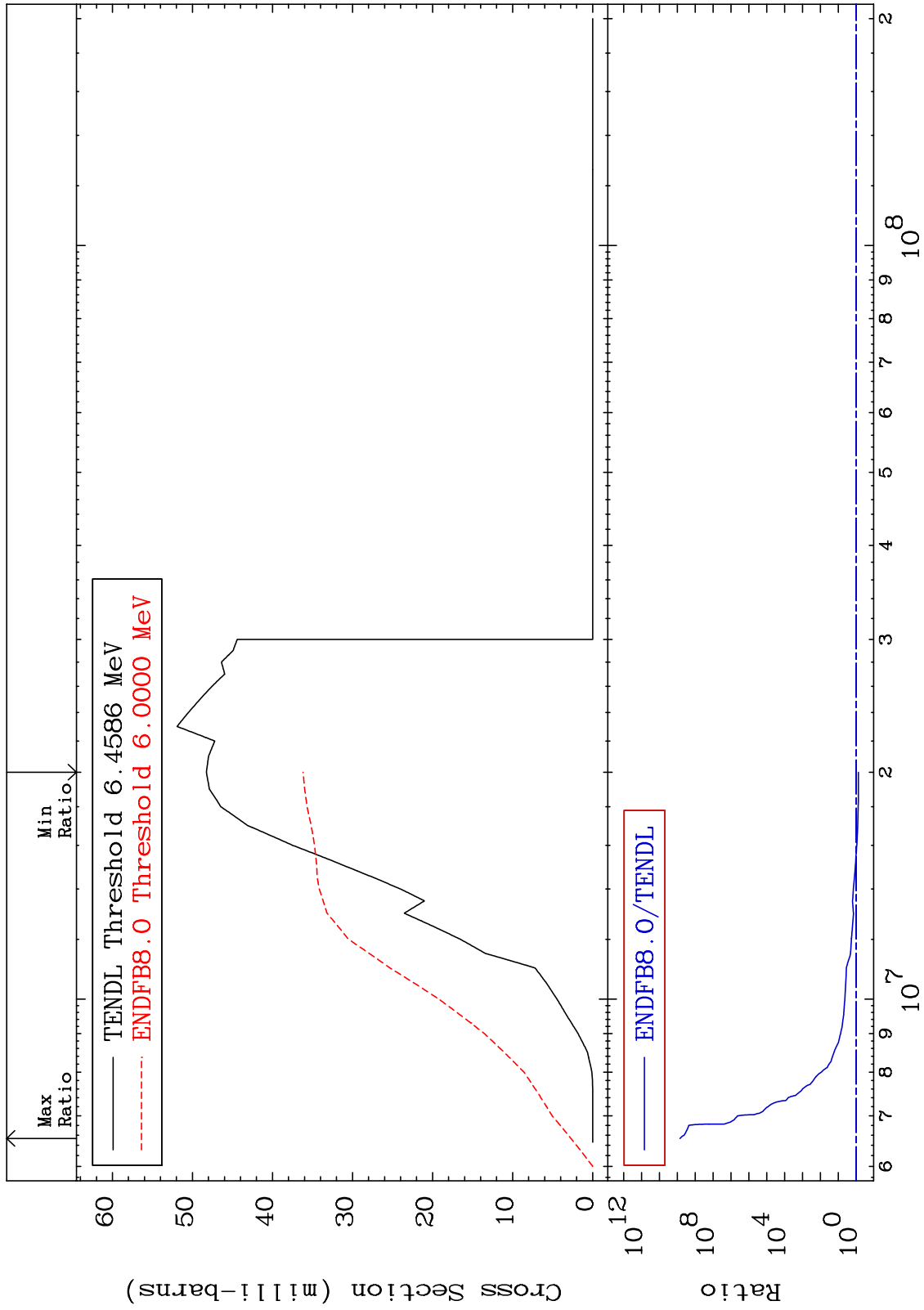
MAT 1825

(n, d)

18-Ar-36

Cross Section

-25.04 To 9999. %



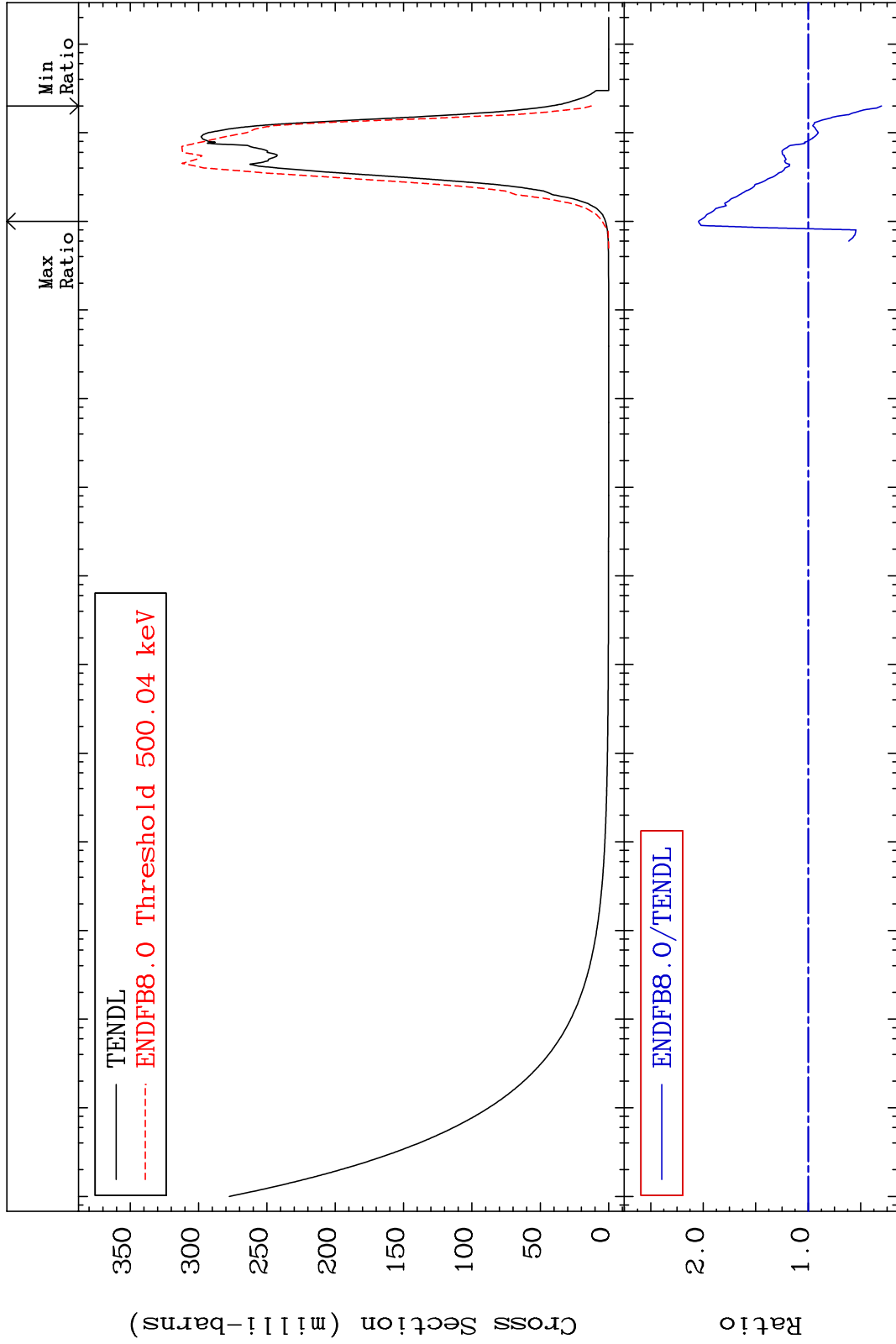
MAT 1825

(n, α)

18-Ar-36

Cross Section

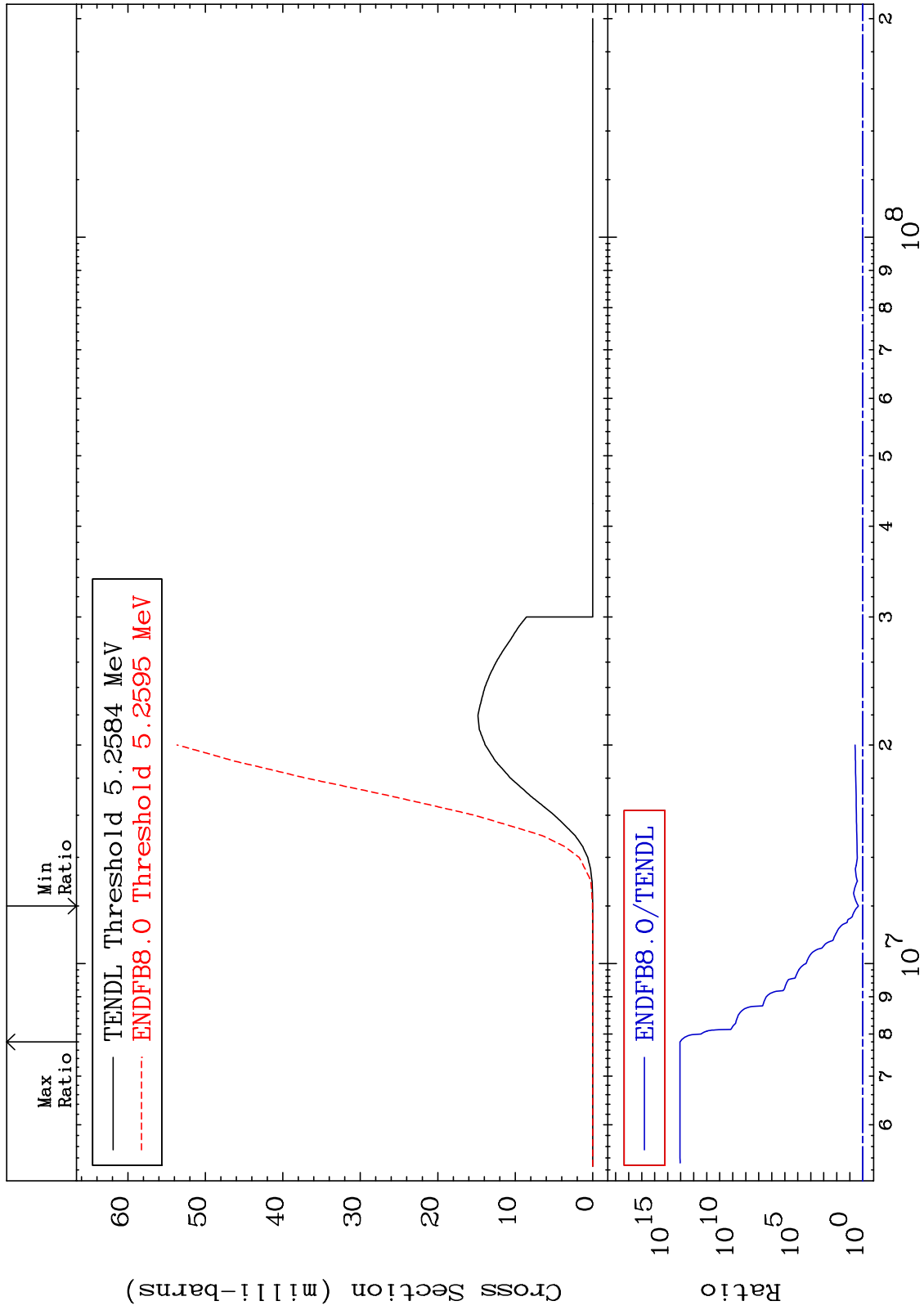
-69.78 To 104.6 %



Incident Energy (eV)

18-Ar-36

MAT 1825 (n,2α) Cross Section 18-Ar-36 117.4 To 9999. %

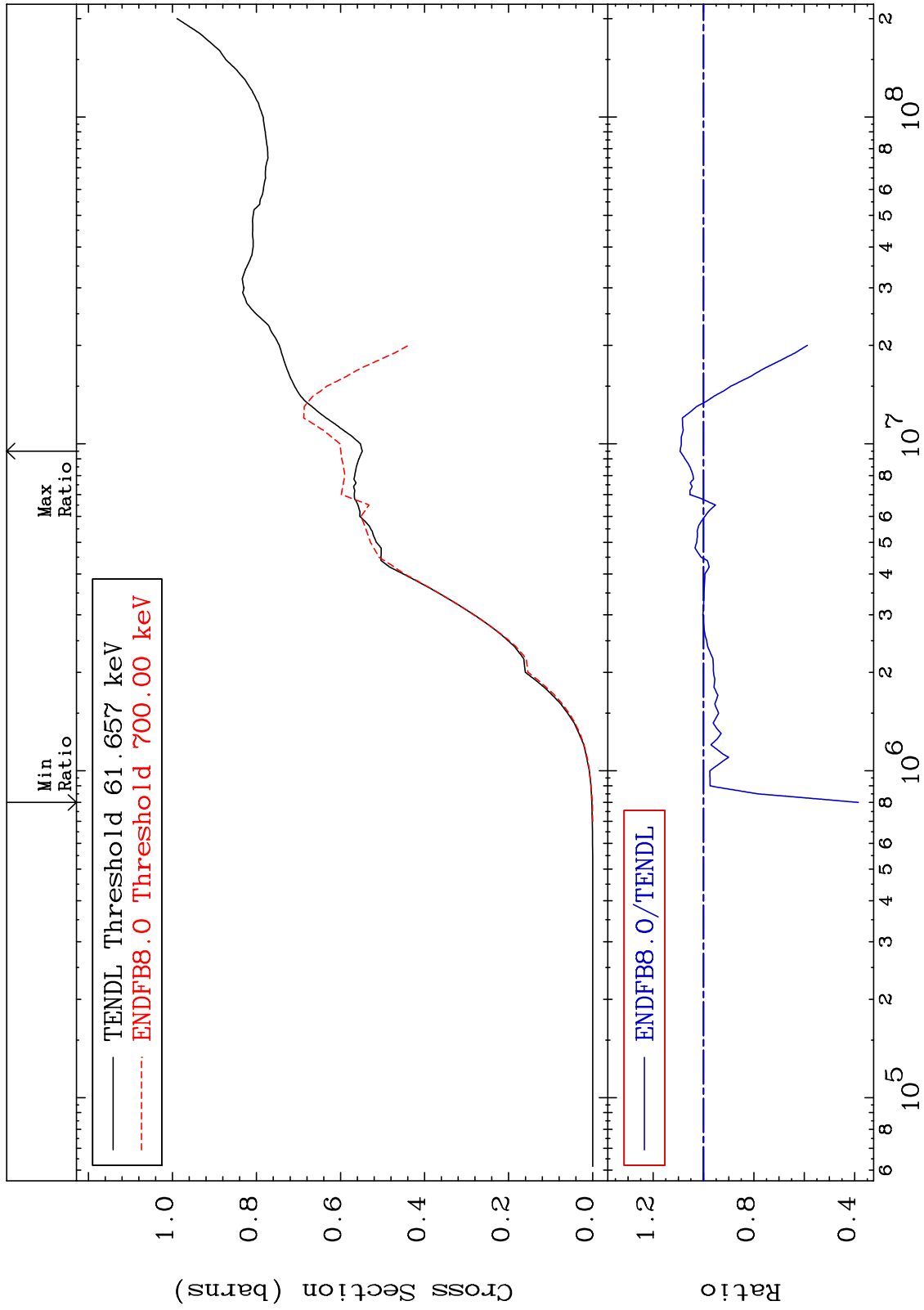


26 18-Ar-36 Incident Energy (eV)

MAT 1825

Hydrogen Production
Cross Section

18-Ar-36
-61.51 To 9.340 %



27

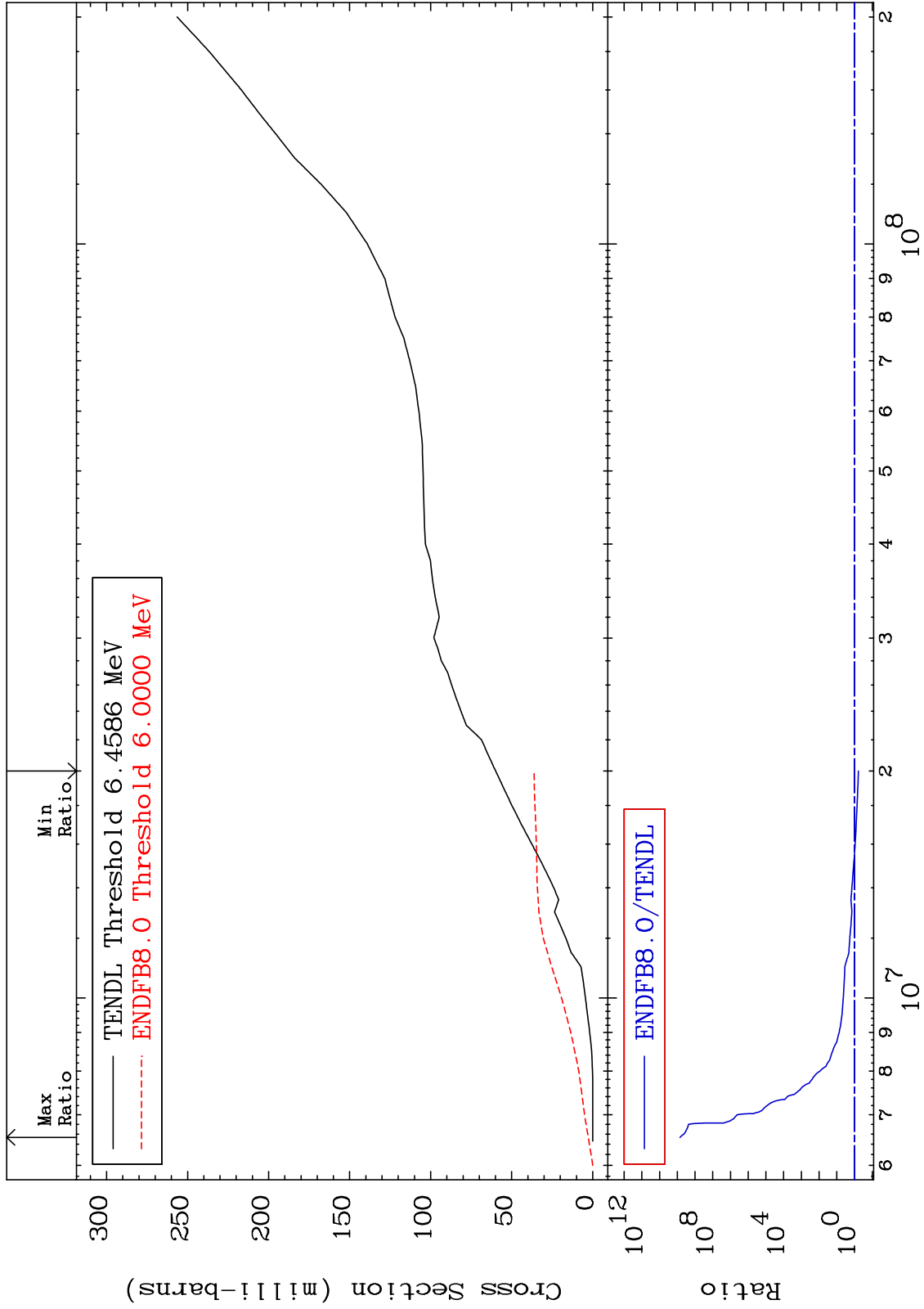
Incident Energy (eV)

18-Ar-36

MAT 1825

Deuterium Production
Cross Section

18-Ar-36
-39.62 To 9999. %



28

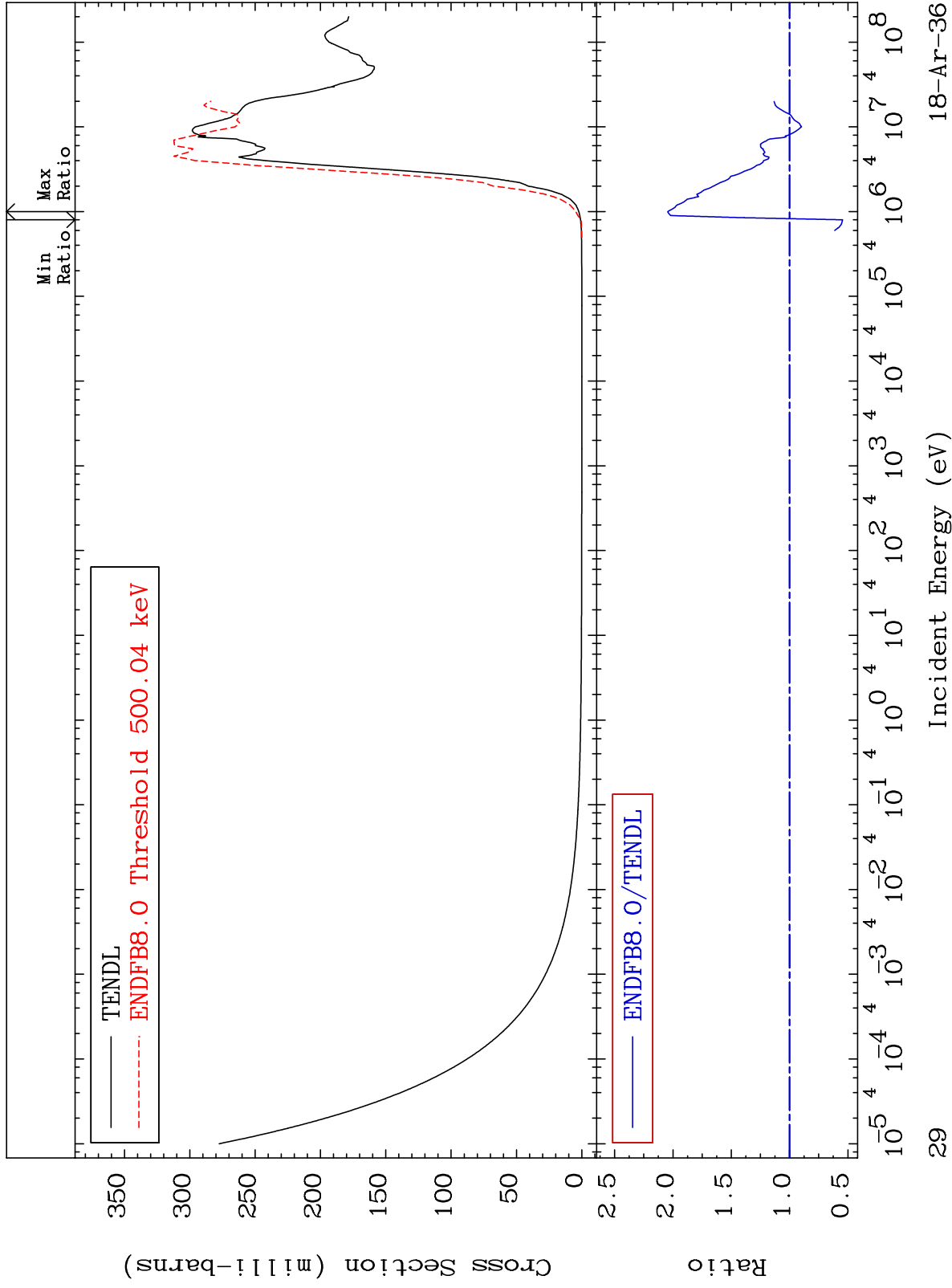
Incident Energy (eV)

18-Ar-36

MAT 1825

He-4 Production
Cross Section

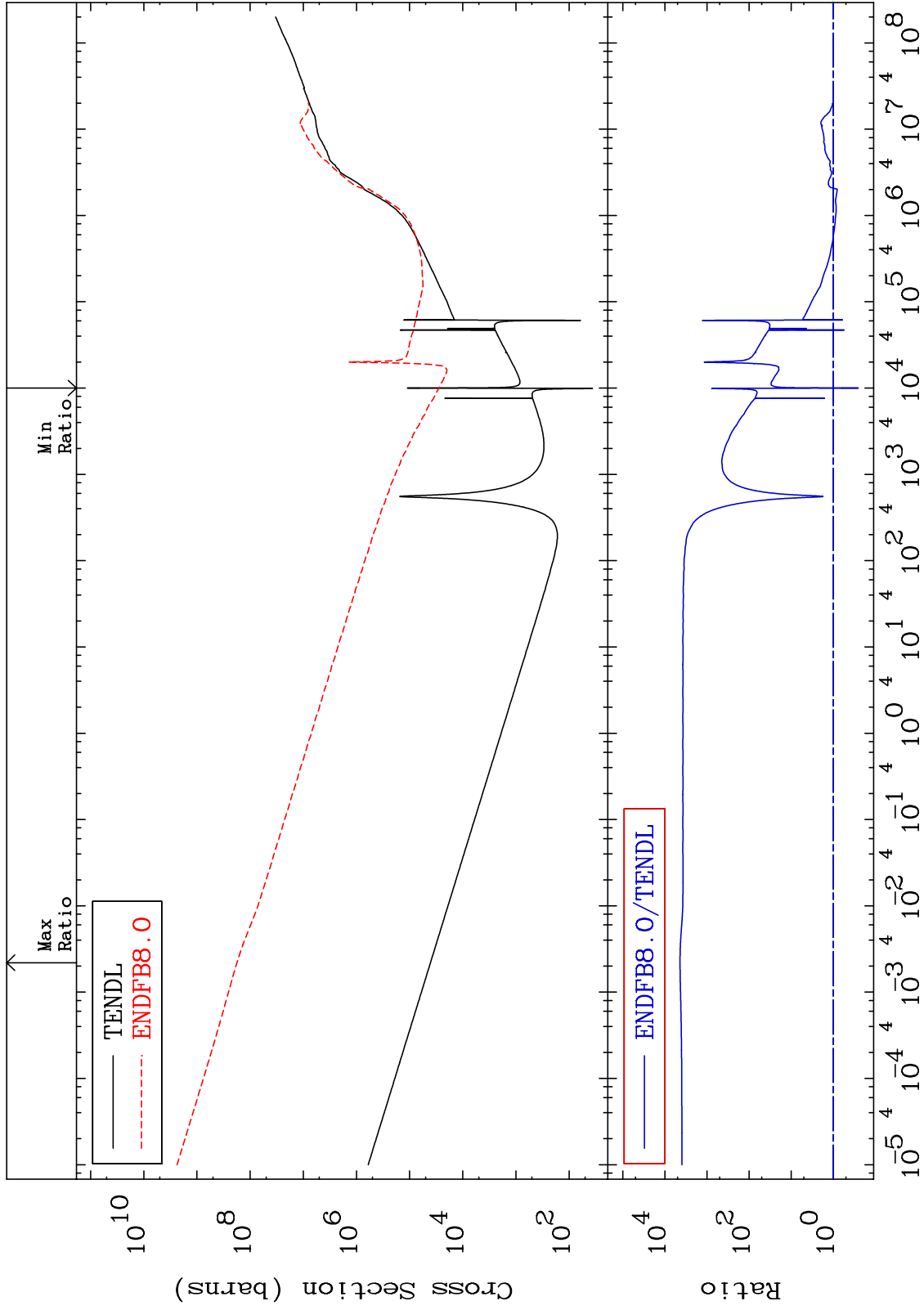
18-Ar-36
-45.53 To 104.6 %



MAT 1825

Kerma total (eV-barns)
Cross Section

18-Ar-36
-74.72 To 9999. %



30

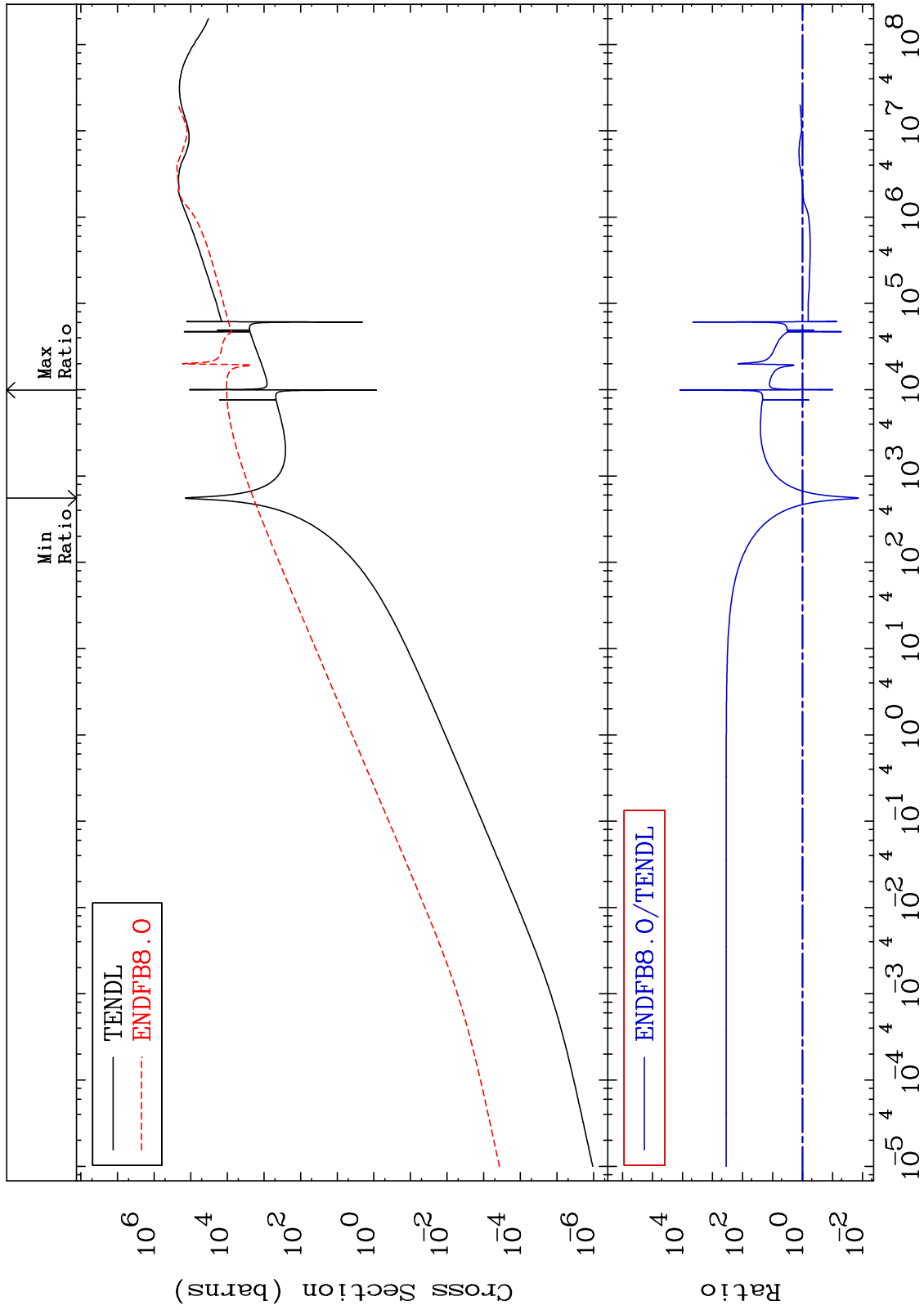
Incident Energy (eV)

18-Ar-36

MAT 1825

Kerma elastic
Cross Section

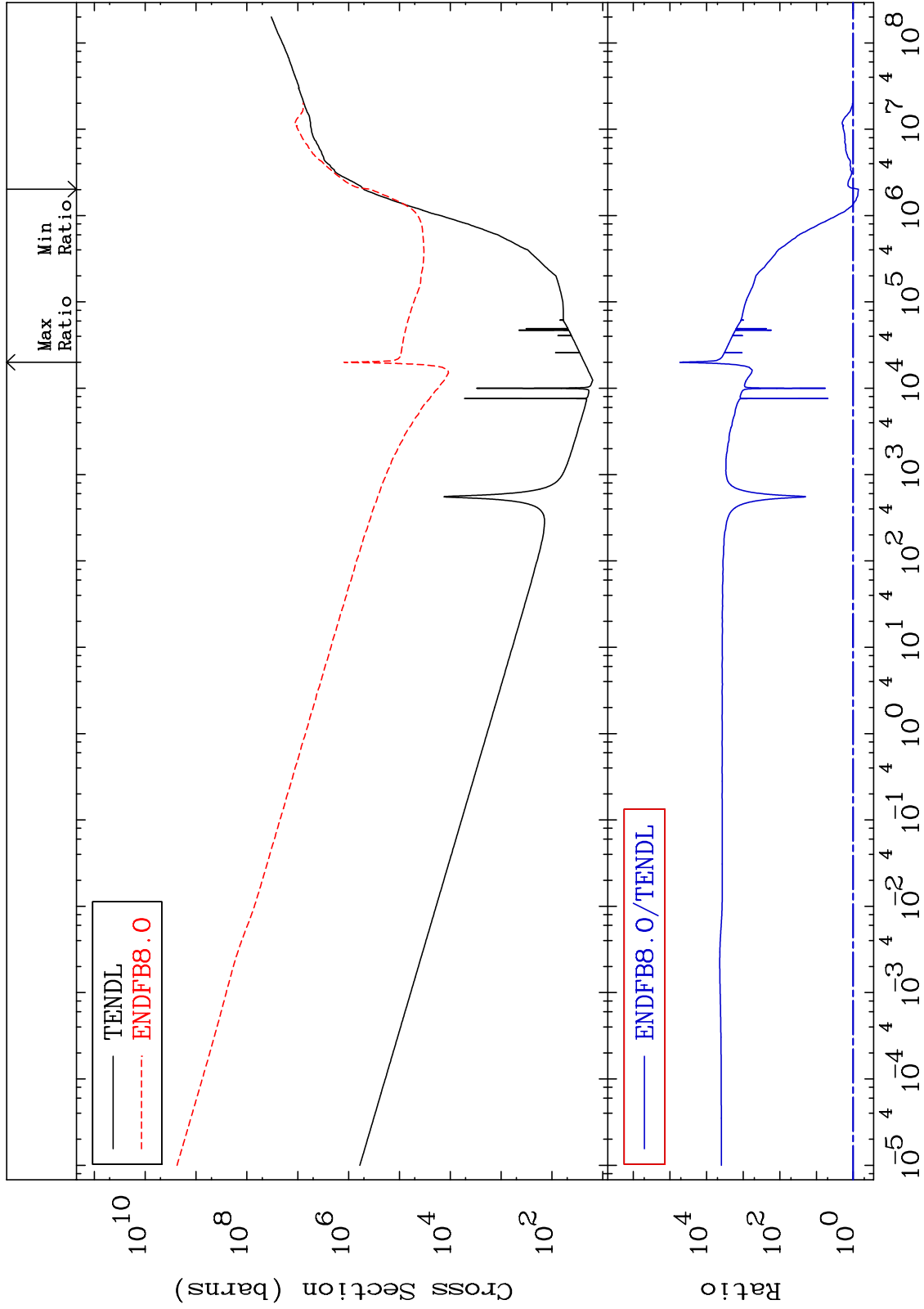
18-Ar-36
-98.62 To 9999. %



MAT 1825

Kerma non-elastic (all but mt2)
Cross Section

18-Ar-36
-28.07 To 9999. %



32

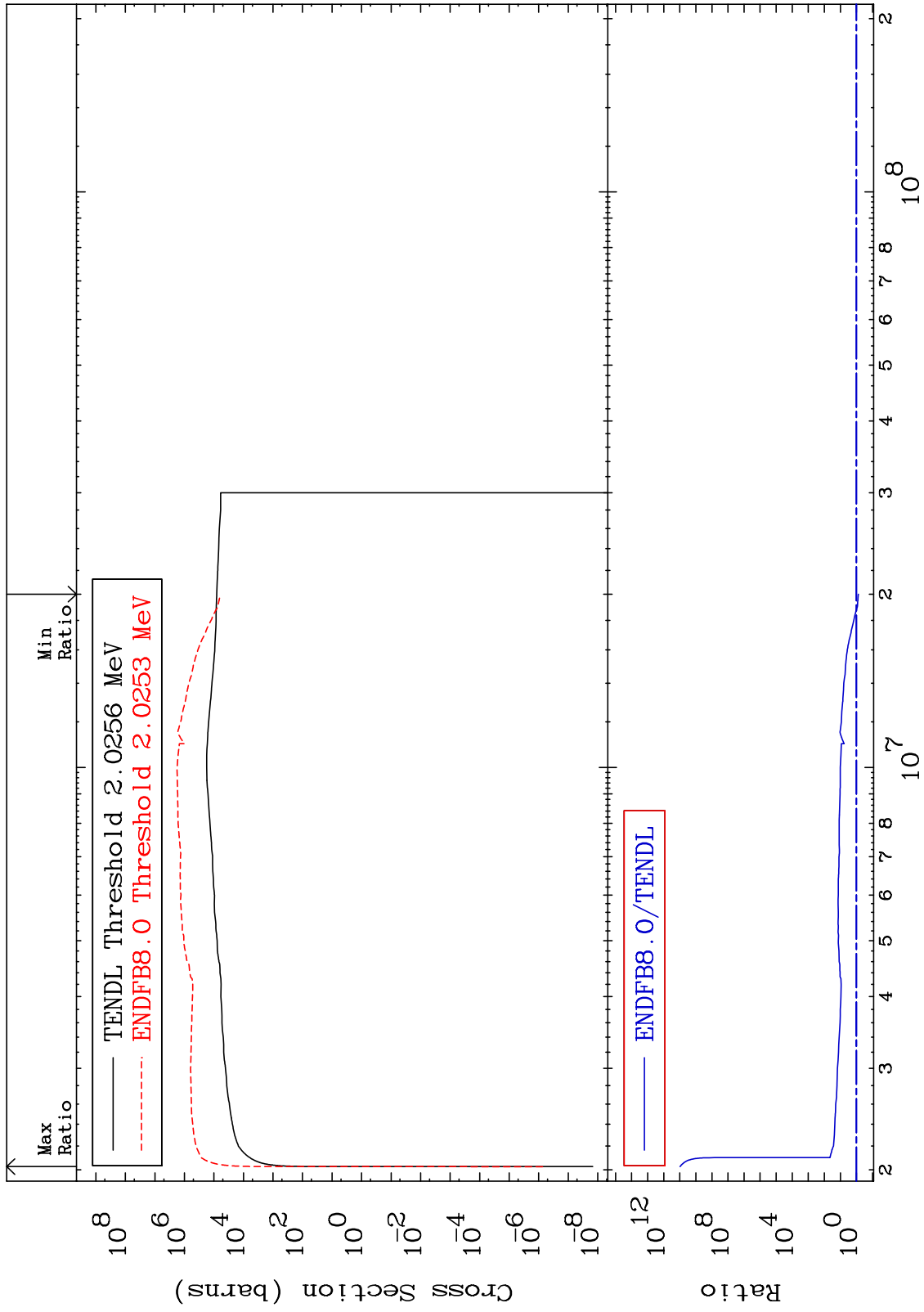
Incident Energy (eV)

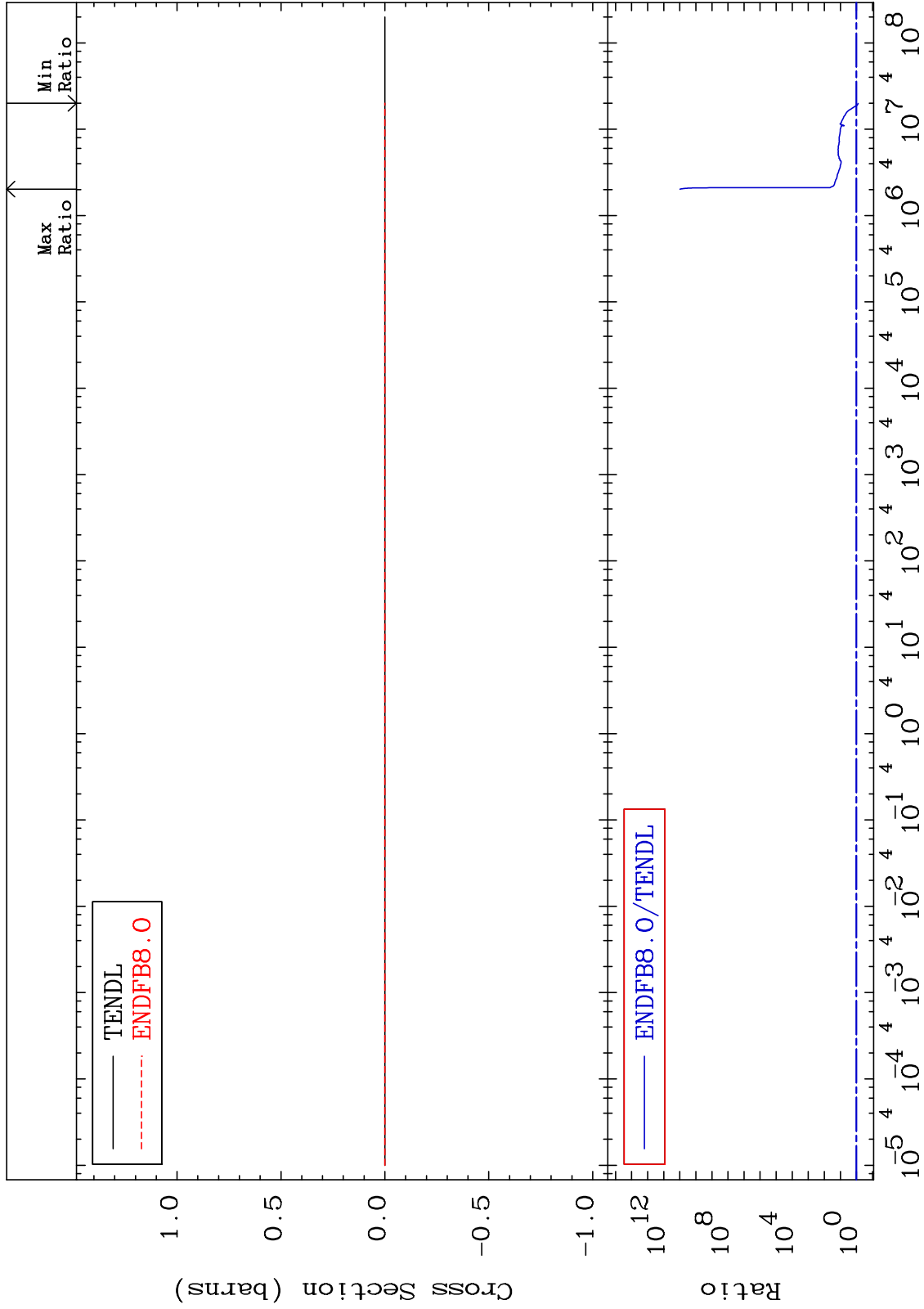
18-Ar-36

MAT 1825

Kerma inelastic (mt51-91)
Cross Section

18-Ar-36
-24.23 To 9999. %

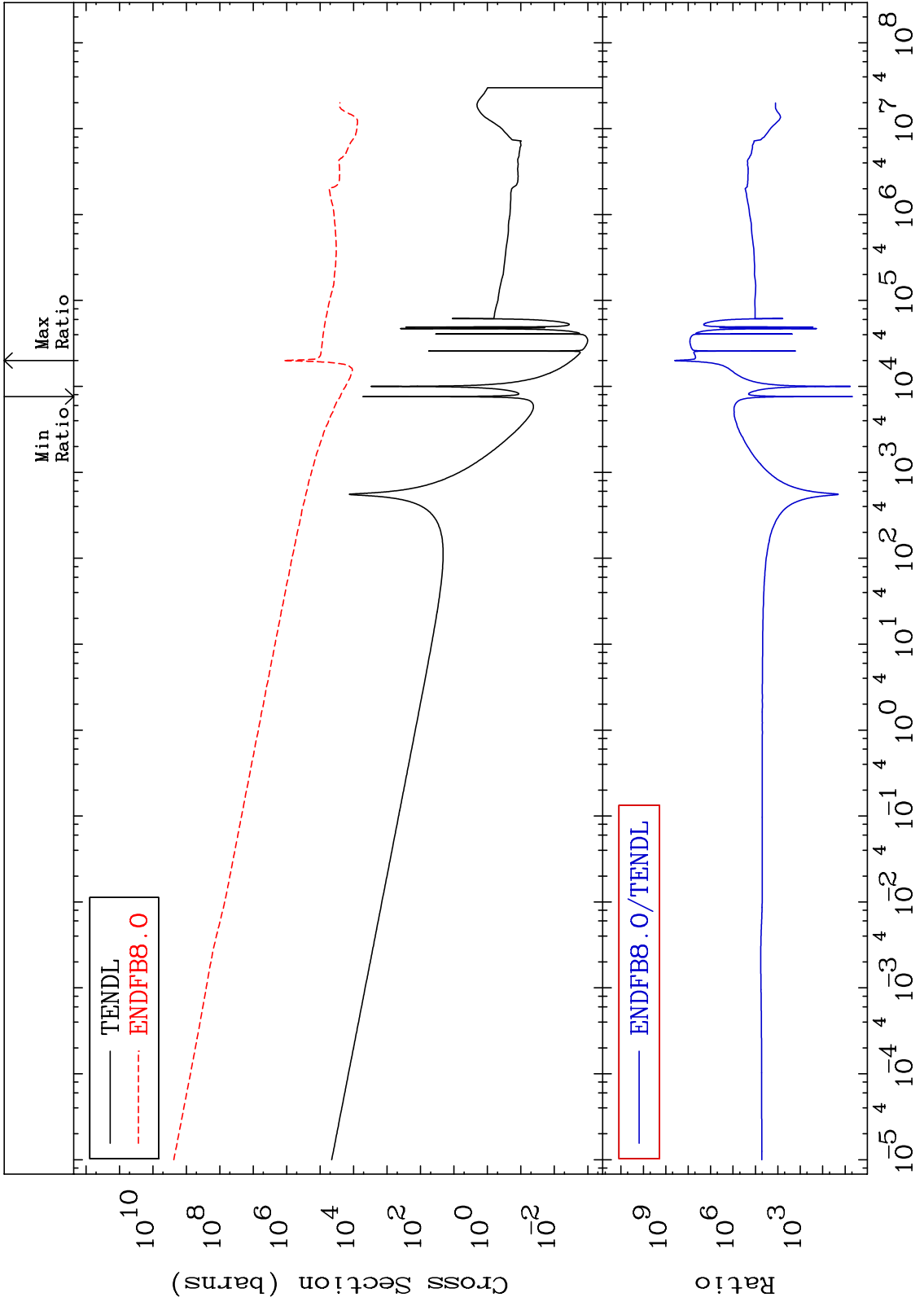




MAT 1825

Kerma capture (mt102)
Cross Section

18-Ar-36
384.3 To 9999. %



35

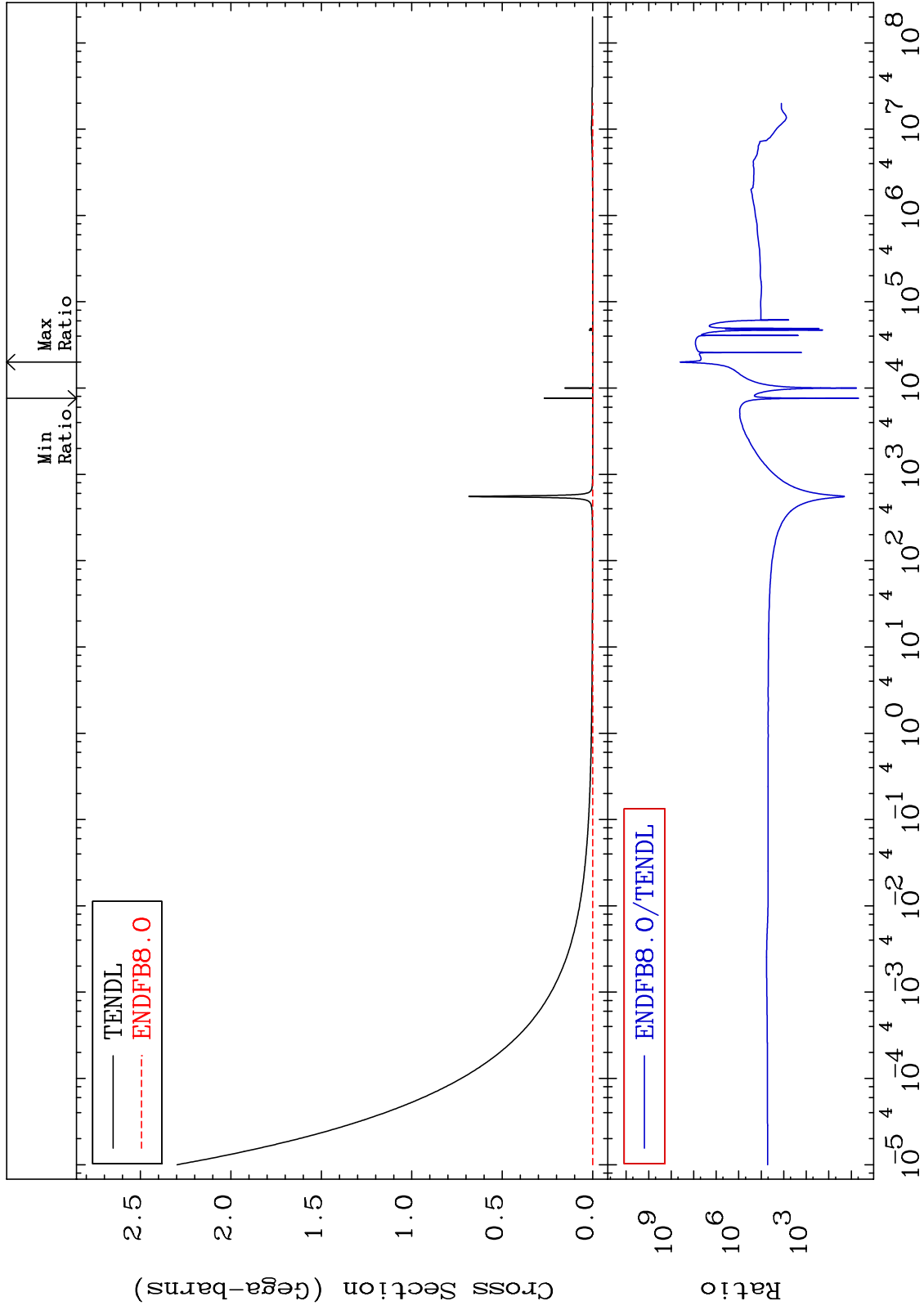
Incident Energy (eV)

18-Ar-36

MAT 1825

Total photon (eV-barns)
Cross Section

18-Ar-36
384.3 To 9999. %



36

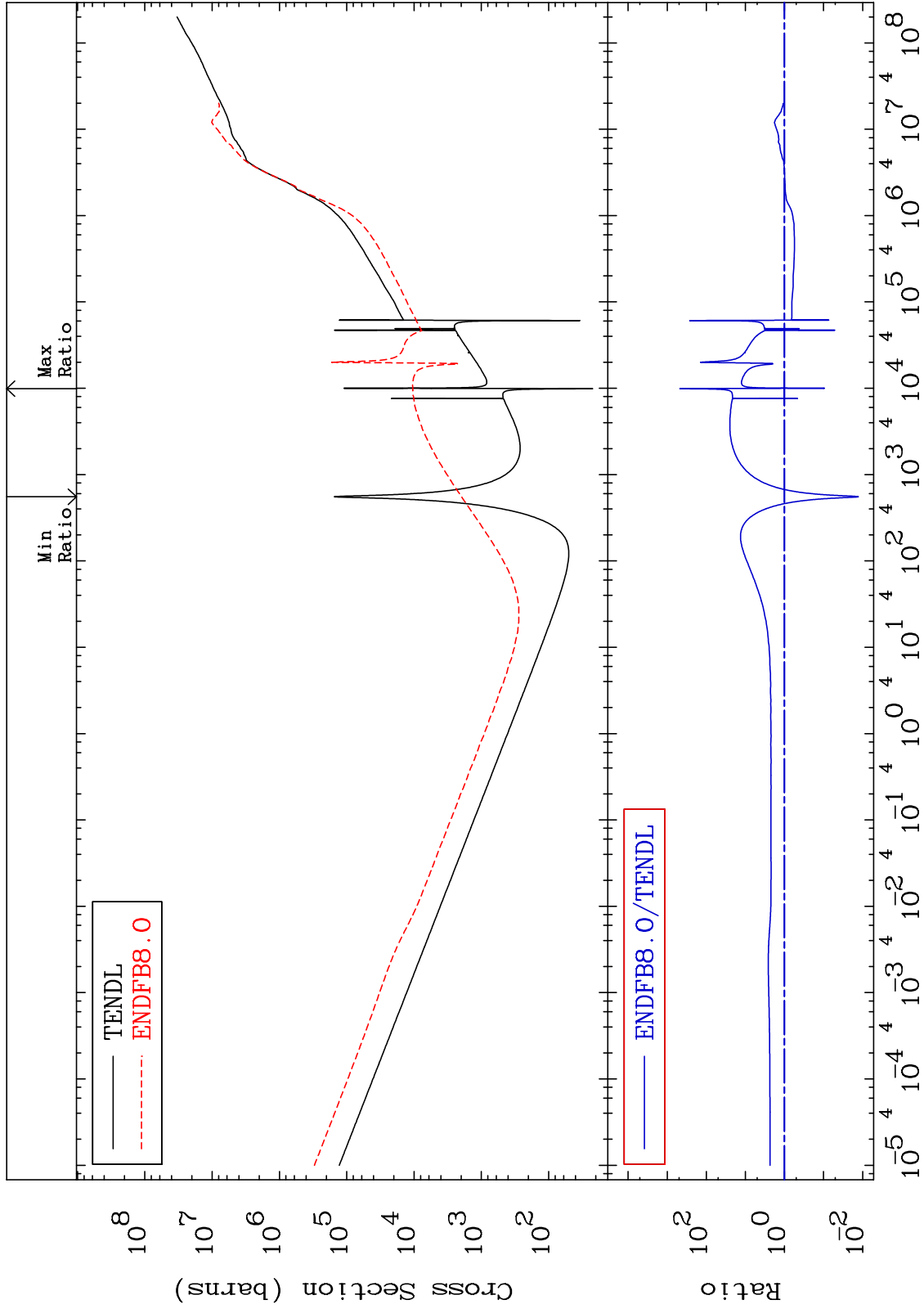
Incident Energy (eV)

18-Ar-36

MAT 1825

Total kinematic kerma (high limit)
Cross Section

18-Ar-36
-98.72 To 9999. %



37

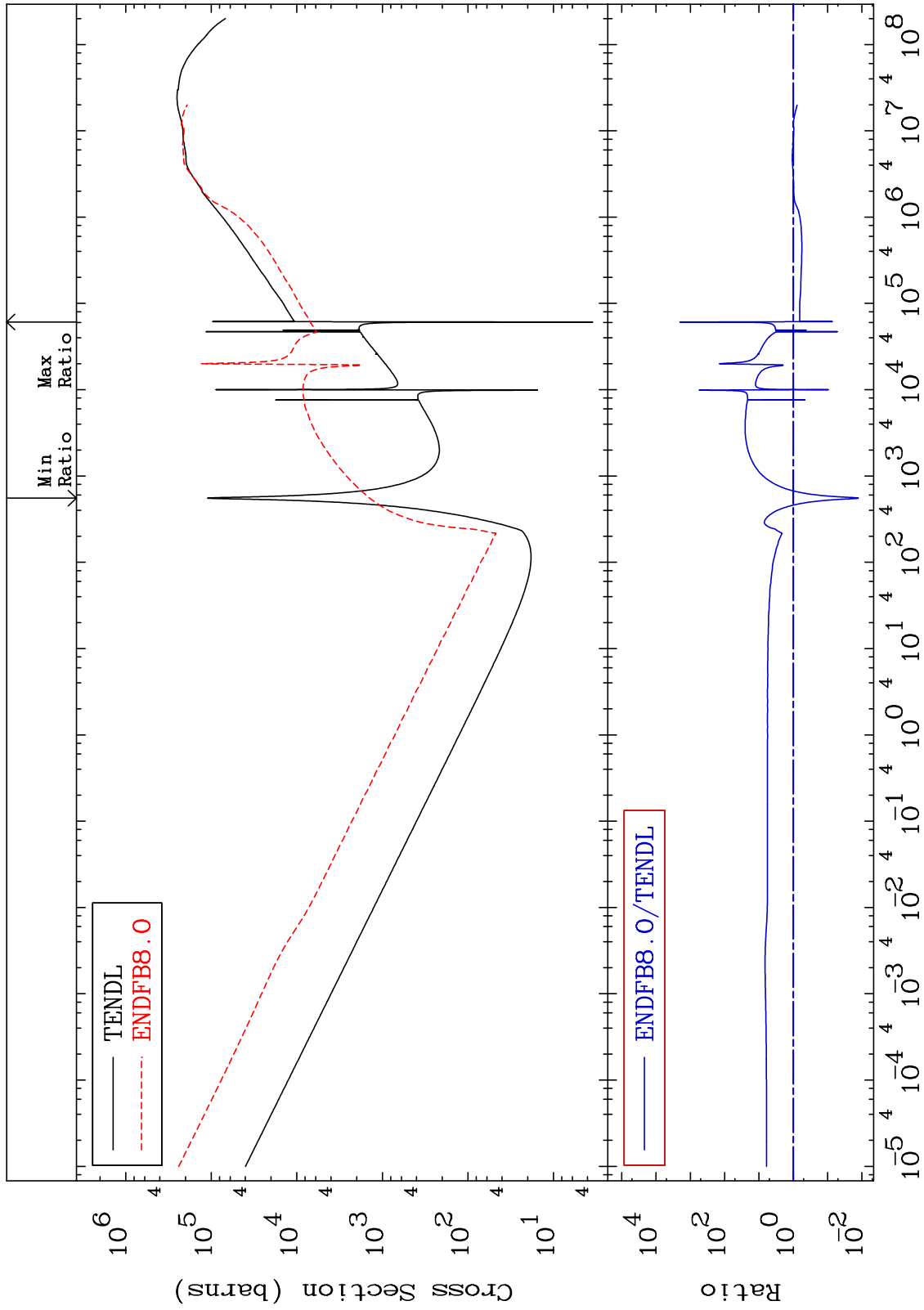
Incident Energy (eV)

18-Ar-36

MAT 1825

Dpa total (eV-barns)
Cross Section

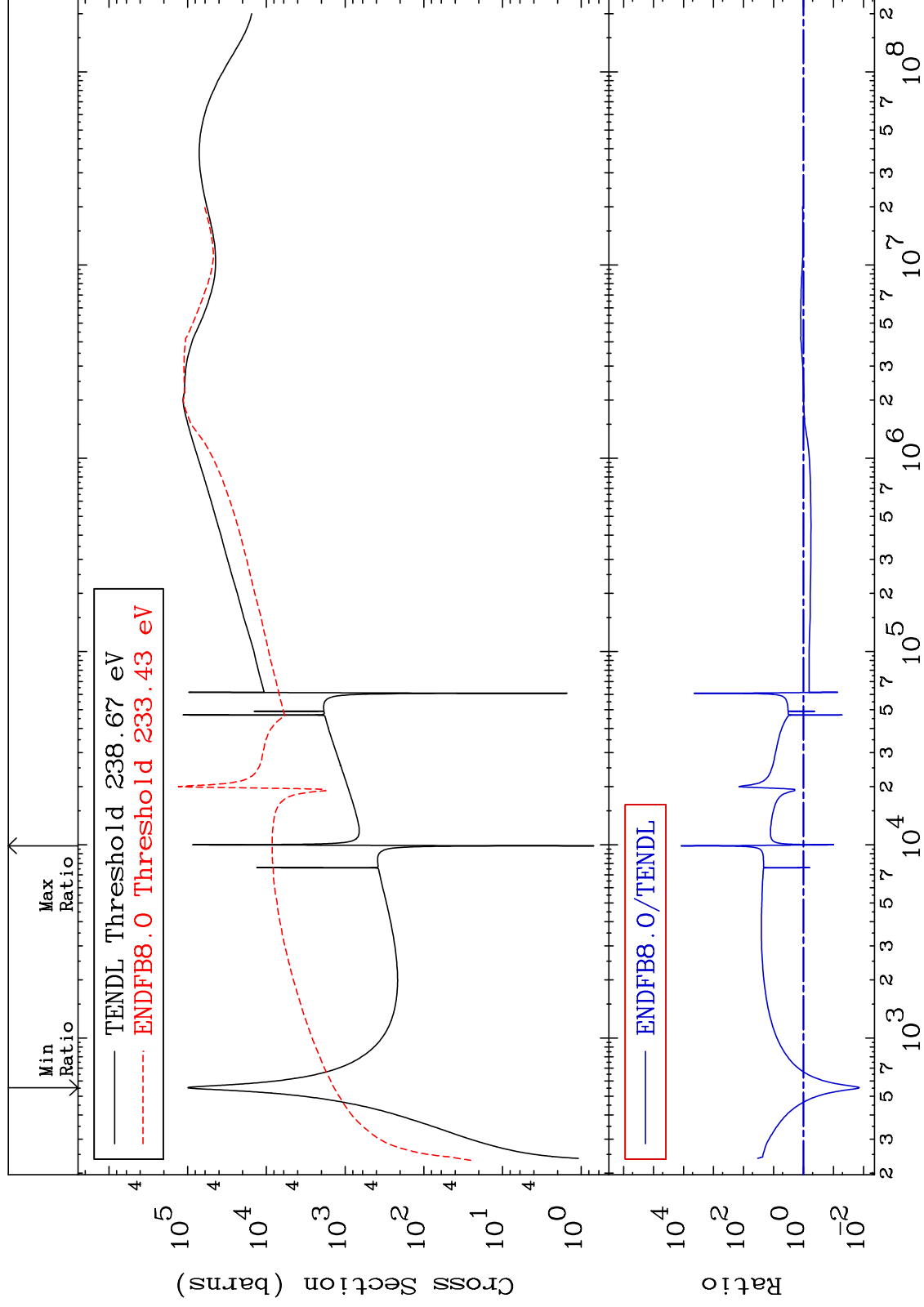
18-Ar-36
-98.73 To 9999. %



MAT 1825

Dpa elastic (mt2)
Cross Section

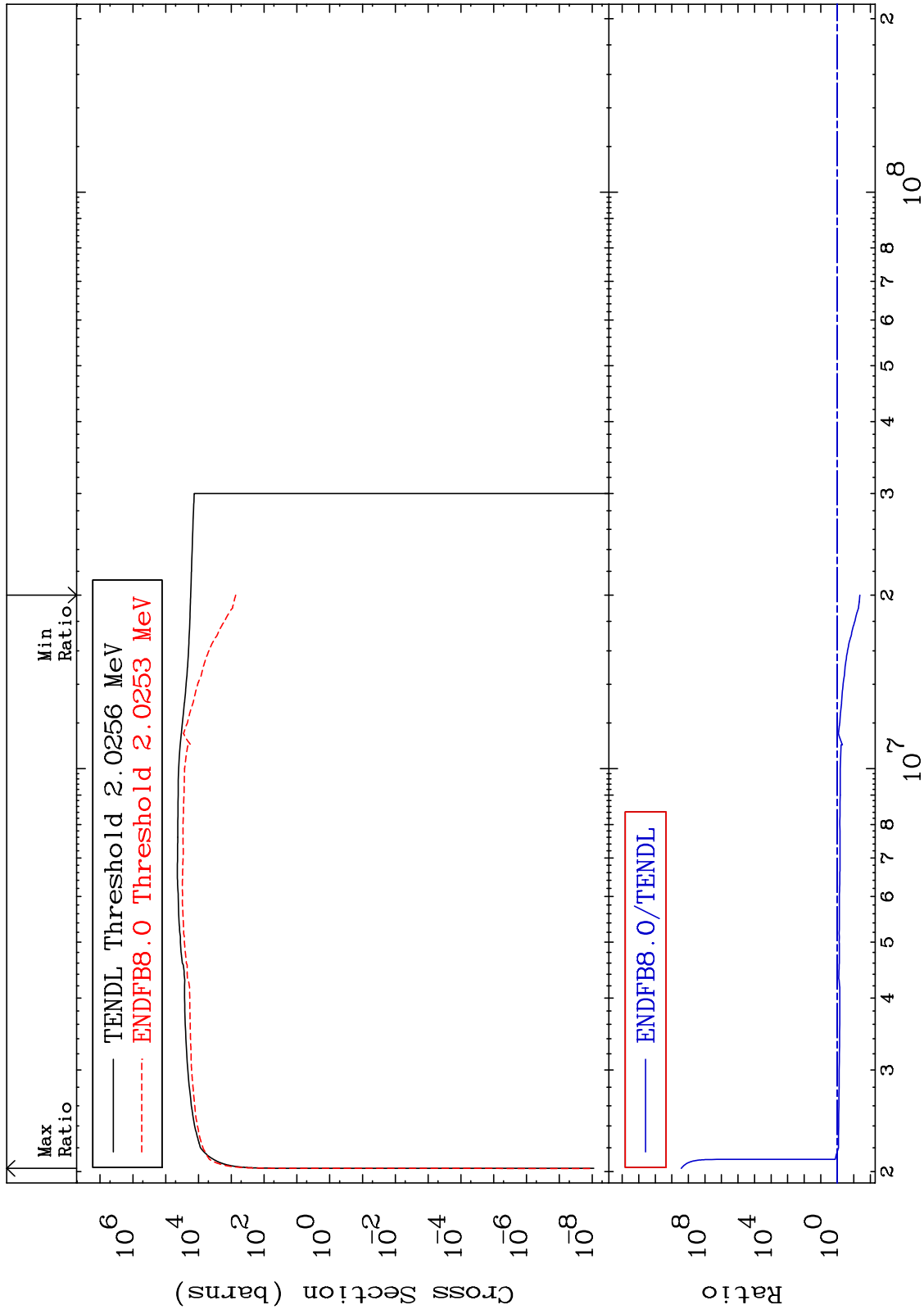
18-Ar-36
-98.62 To 9999. %



MAT 1825

Dpa inelastic (mt51-91)
Cross Section

18-Ar-36
-95.75 To 9999. %



40

Incident Energy (eV)

18-Ar-36

MAT 1825

Dpa disappearance (mt102 -120)
Cross Section

18-Ar-36
-99.93 To 9999. %

