

Program Complot
(Version 2018-1)

by

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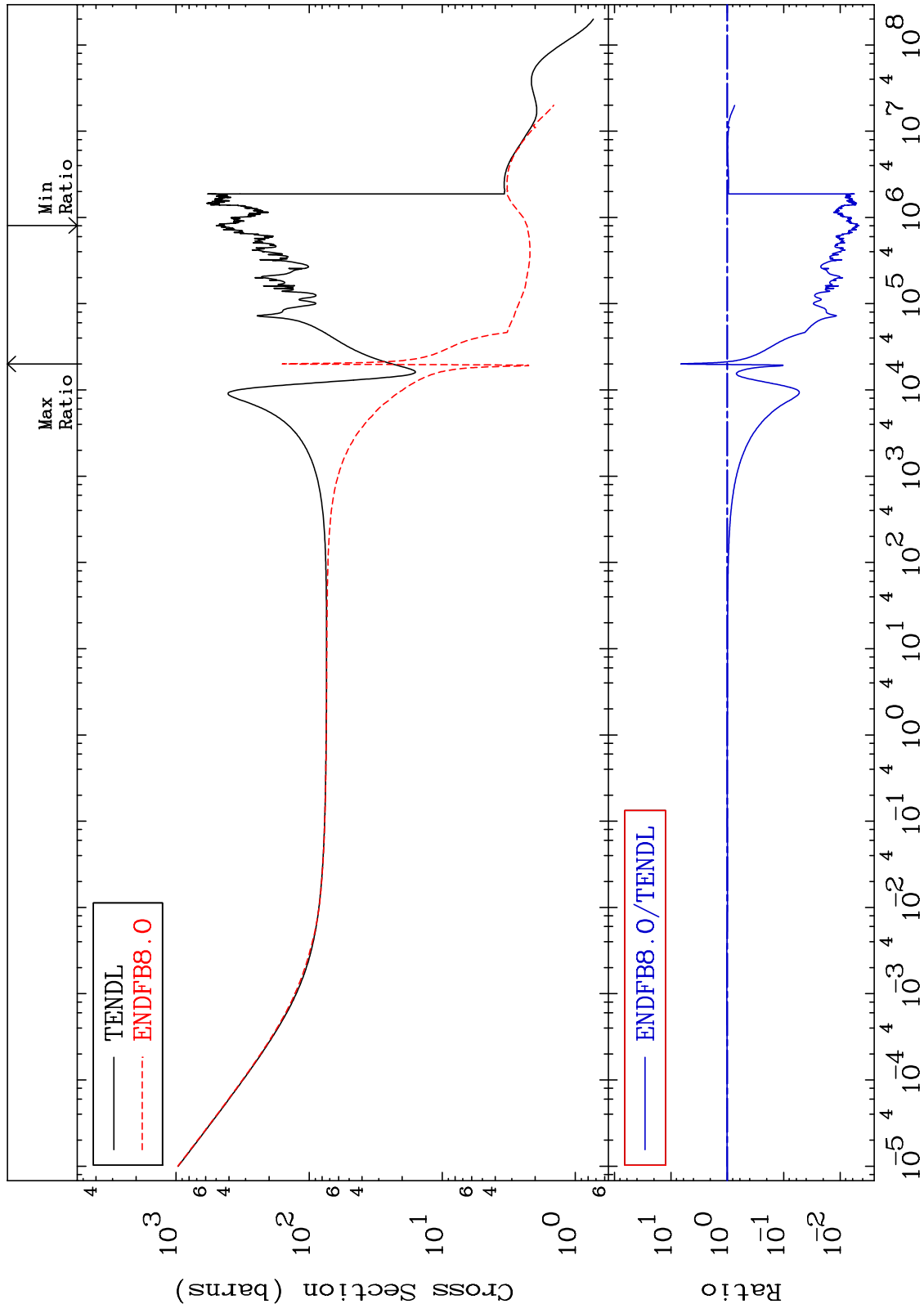
Press Mouse Button to Start

MAT 1825

Total
Cross Section

18-Ar-36

-99.54 To 571.4 %



1

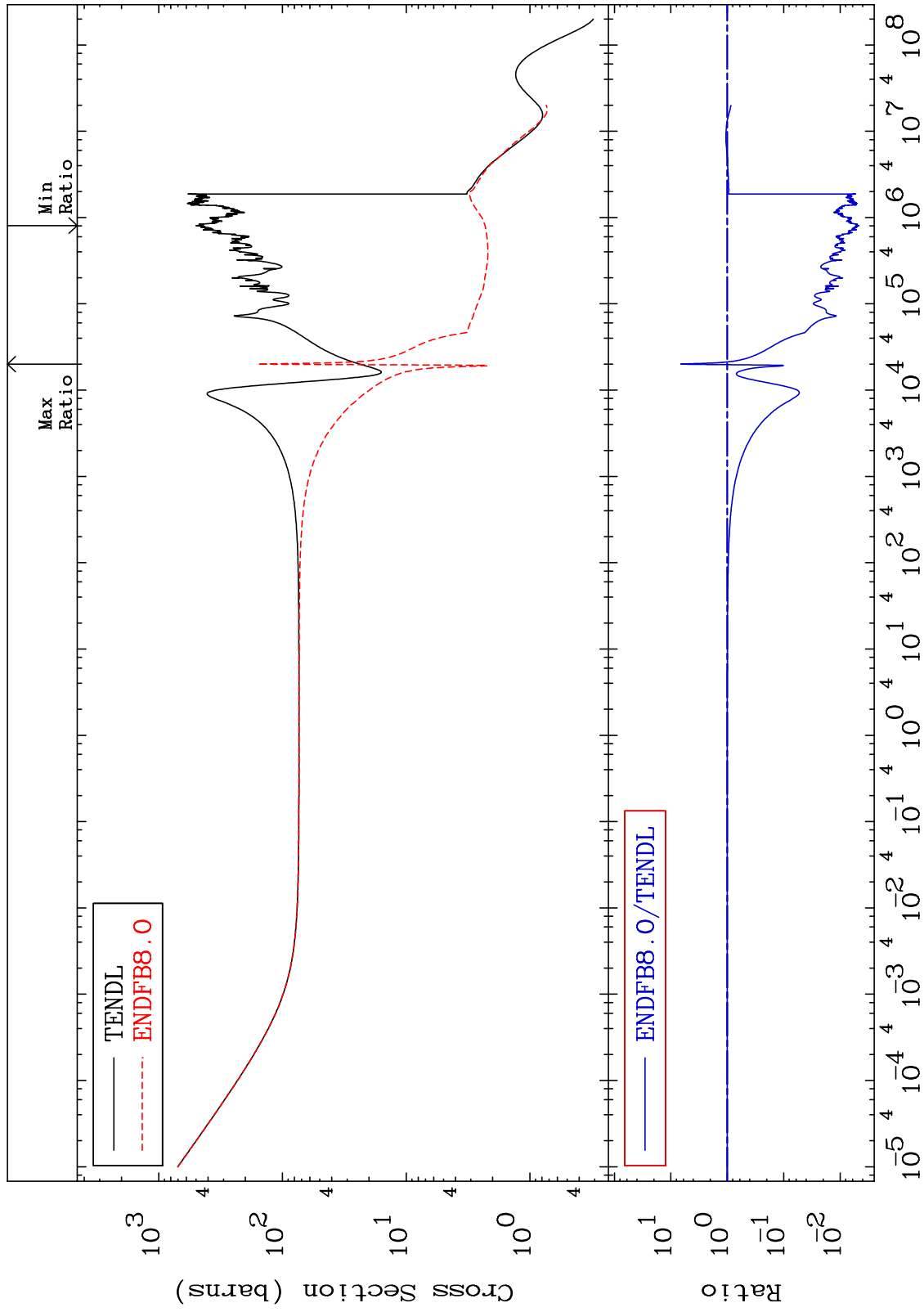
Incident Energy (eV)

18-Ar-36

MAT 1825

Elastic
Cross Section

18-Ar-36
-99.54 To 570.9 %

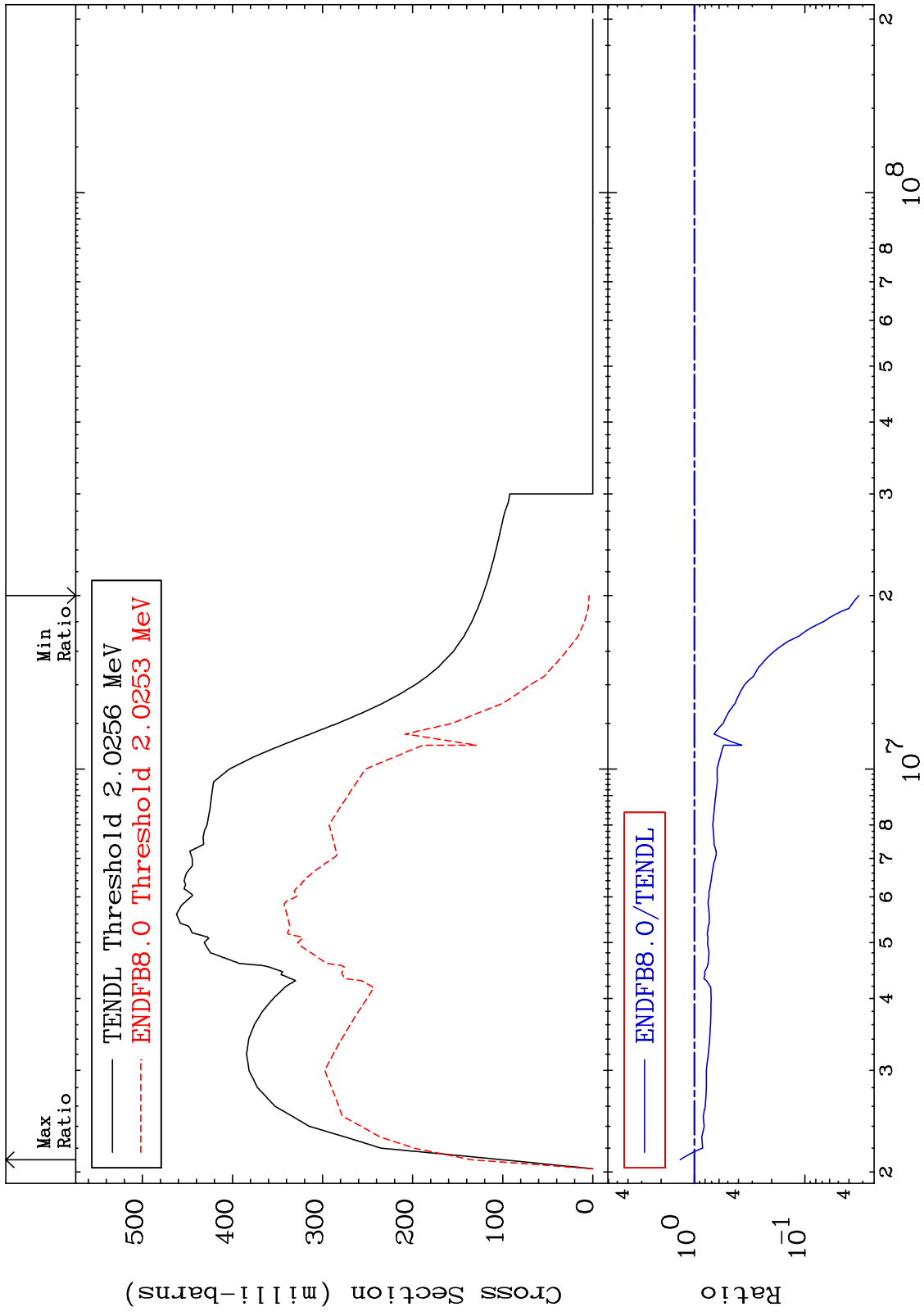


MAT 1825

Inelastic
Cross Section

18-Ar-36

-96.75 To 34.48 %

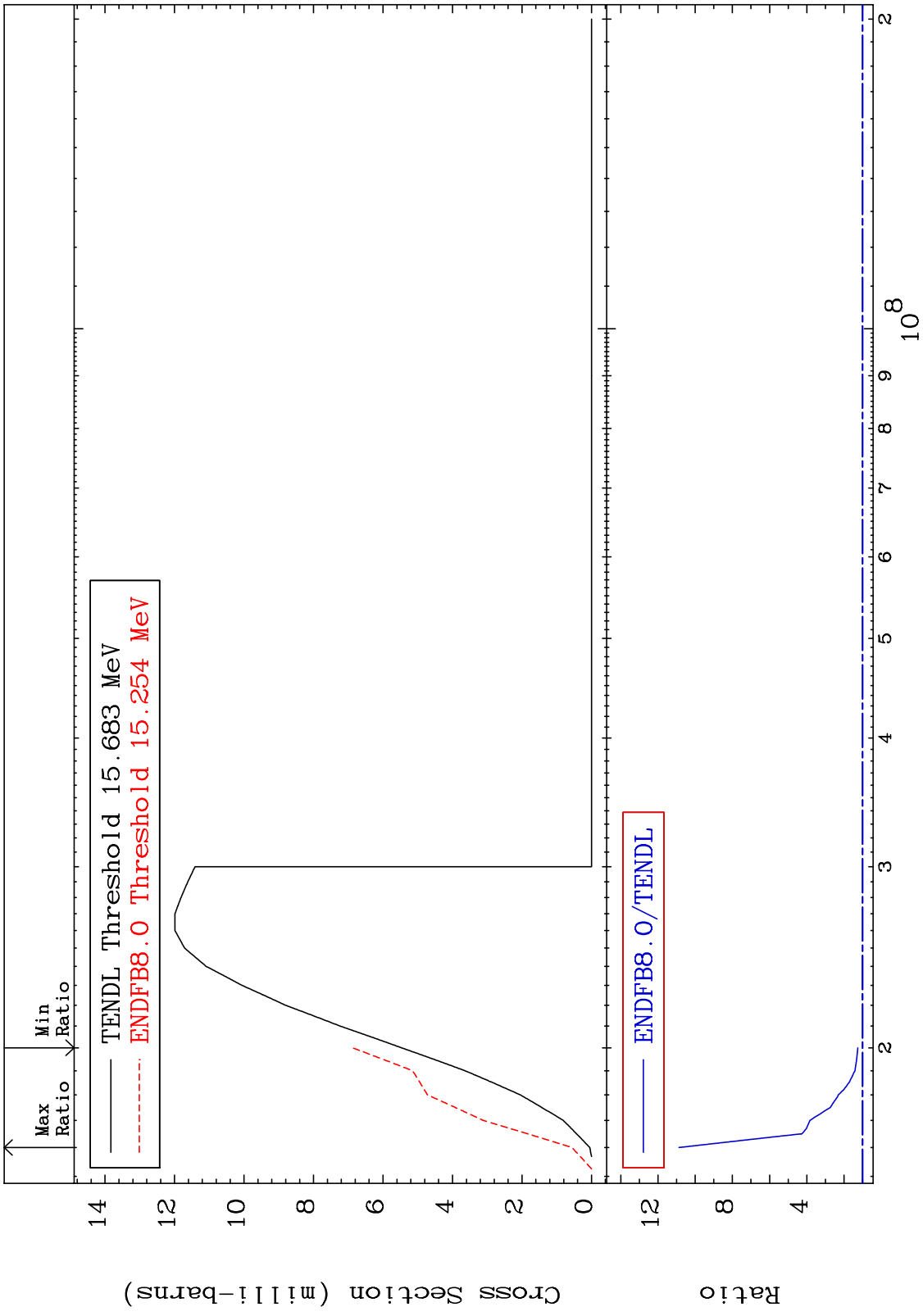


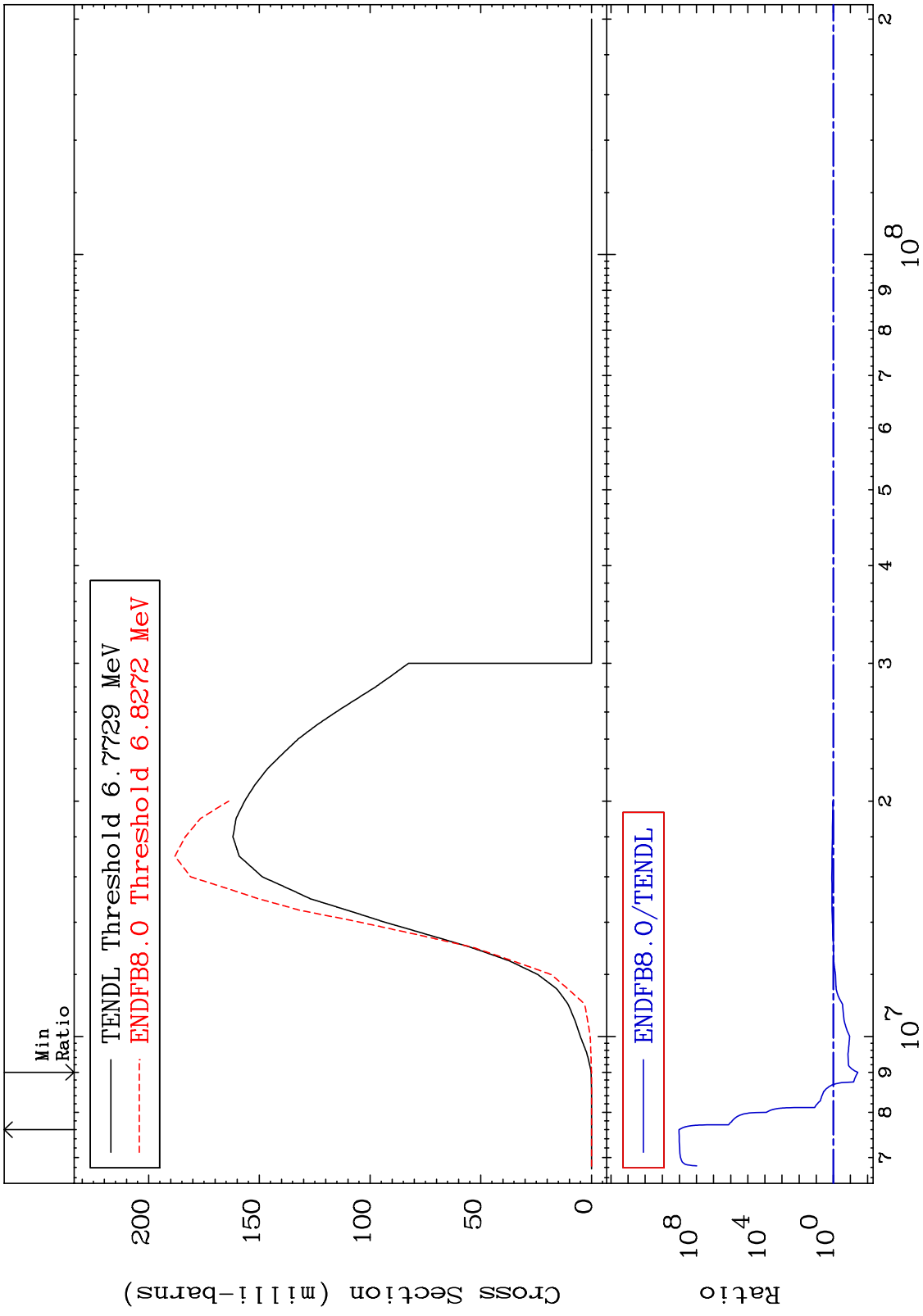
18-Ar-36

Incident Energy (eV)

3

MAT 1825 (n,2n) Cross Section 18-Ar-36
 25.86 To 986.7 %





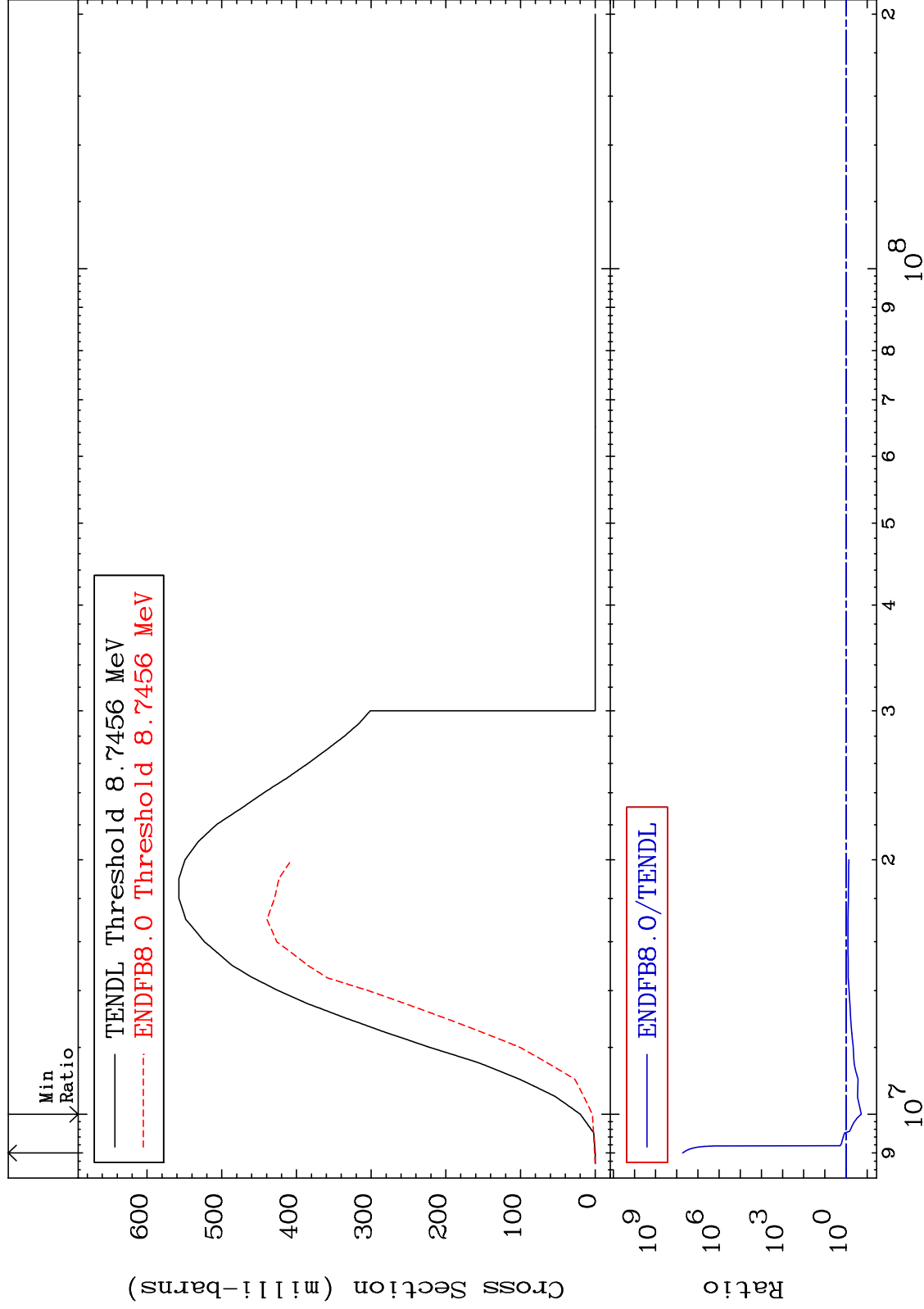
MAT 1825

(n,n') p

18-Ar-36

Cross Section

-81.10 To 9999. %

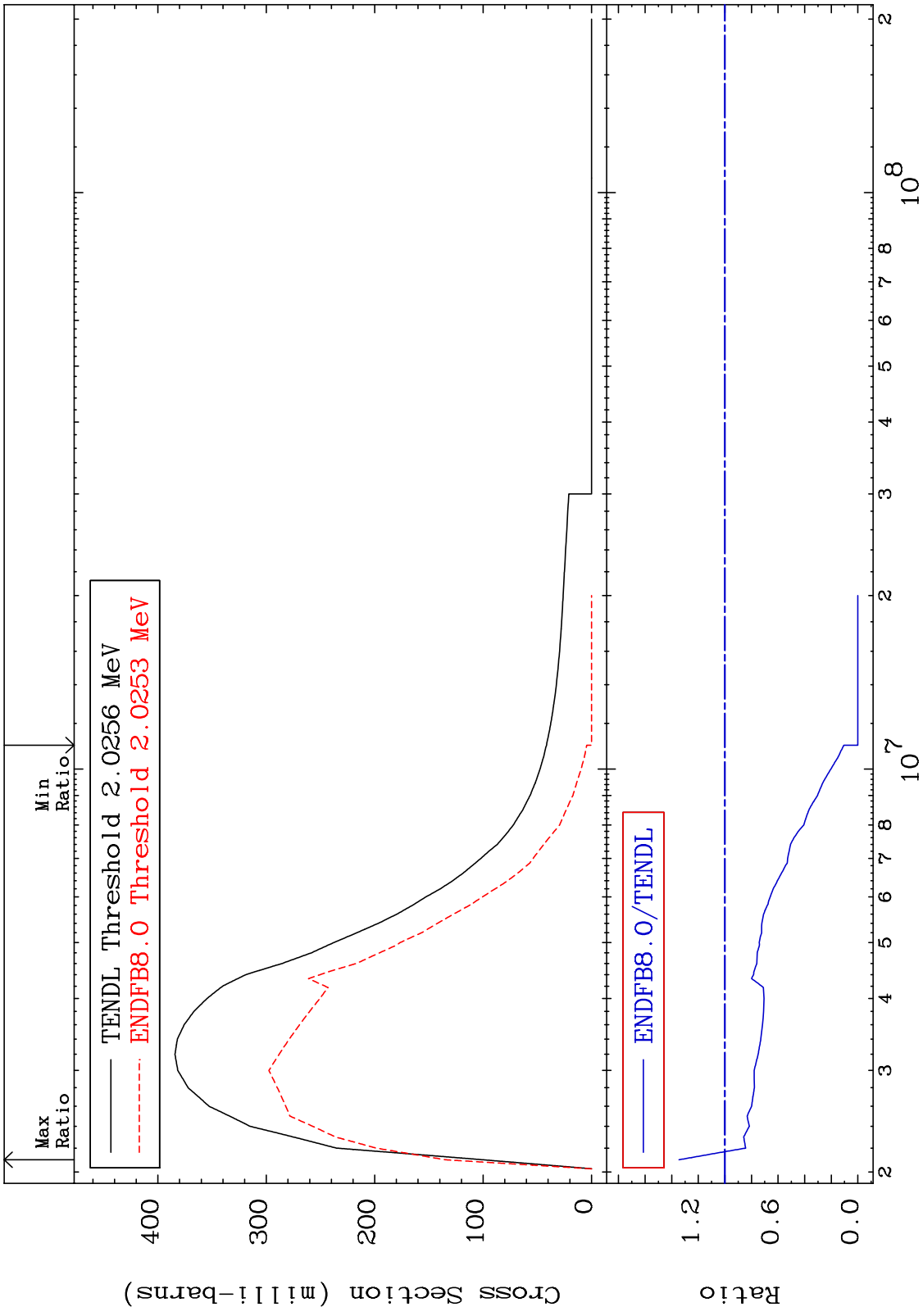


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Incident Energy (eV)

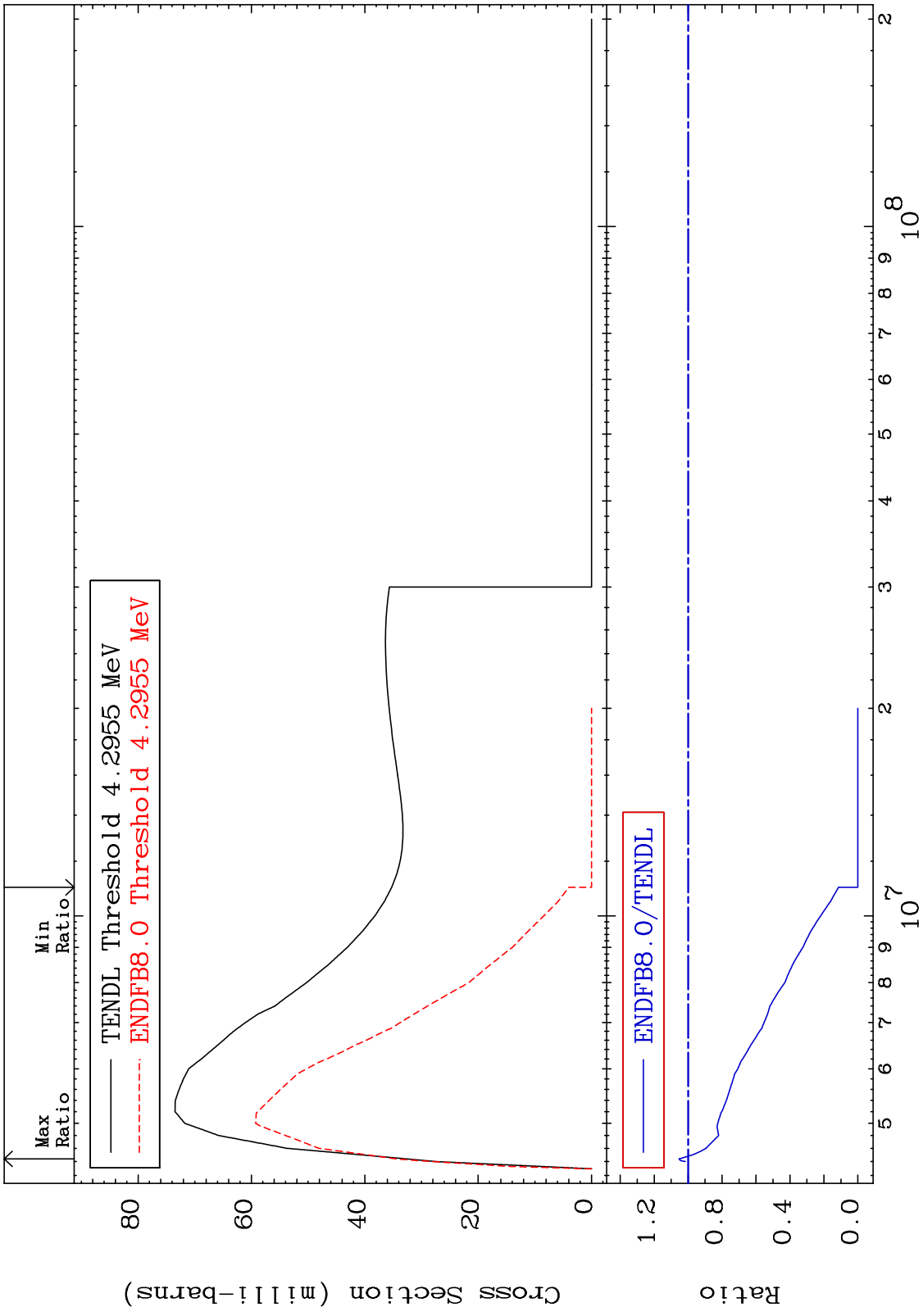
18-Ar-36

MAT 1825 MT= 51 (n,n') Level Cross Section 18-Ar-36
 -100.0 To 34.48 %



7 18-Ar-36

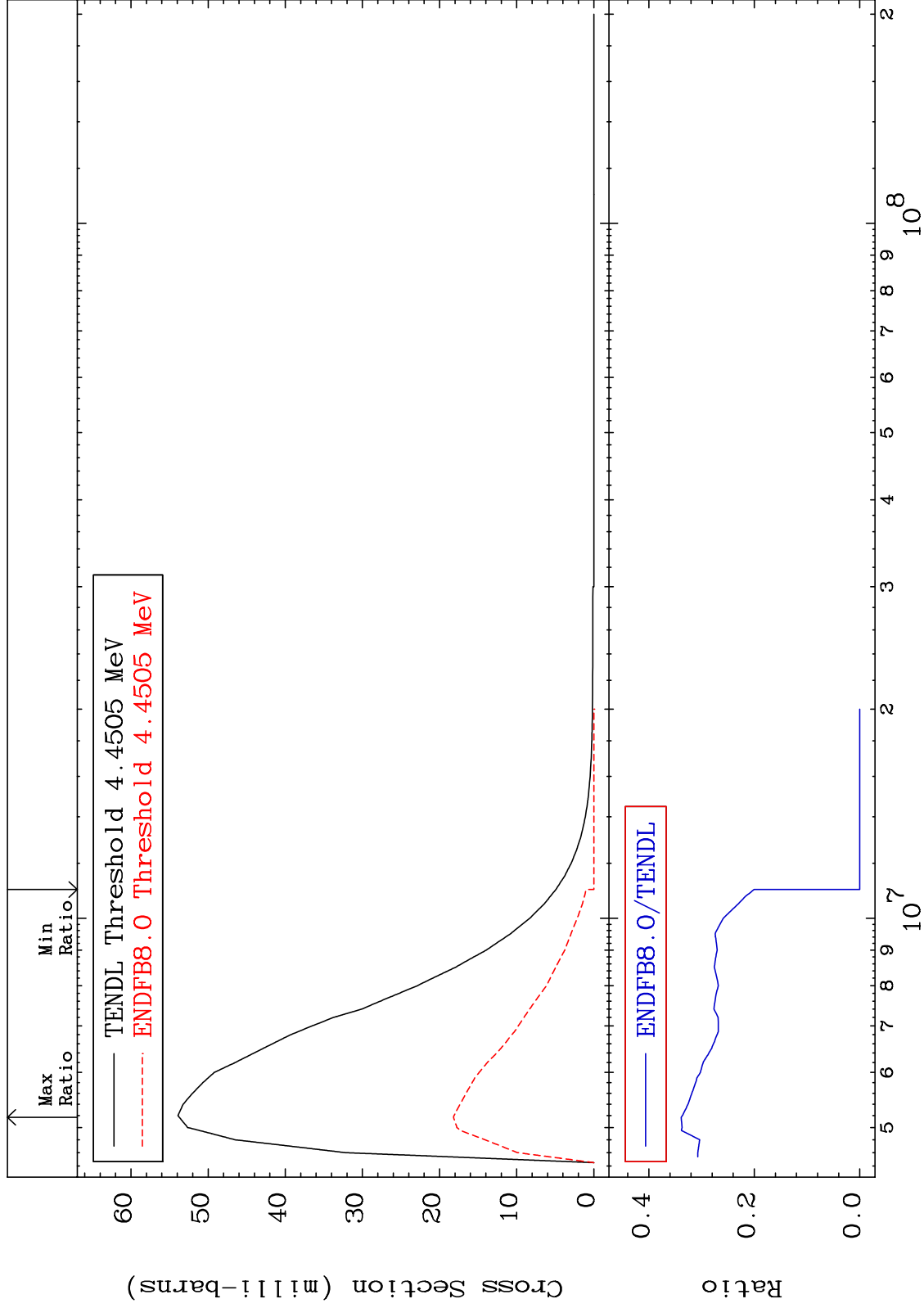
MAT 1825 MT= 52 (n,n') Level Cross Section 18-Ar-36
 -100.0 To 5.348 %



MAT 1825

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

18-Ar-36
-100.0 To -66.14%

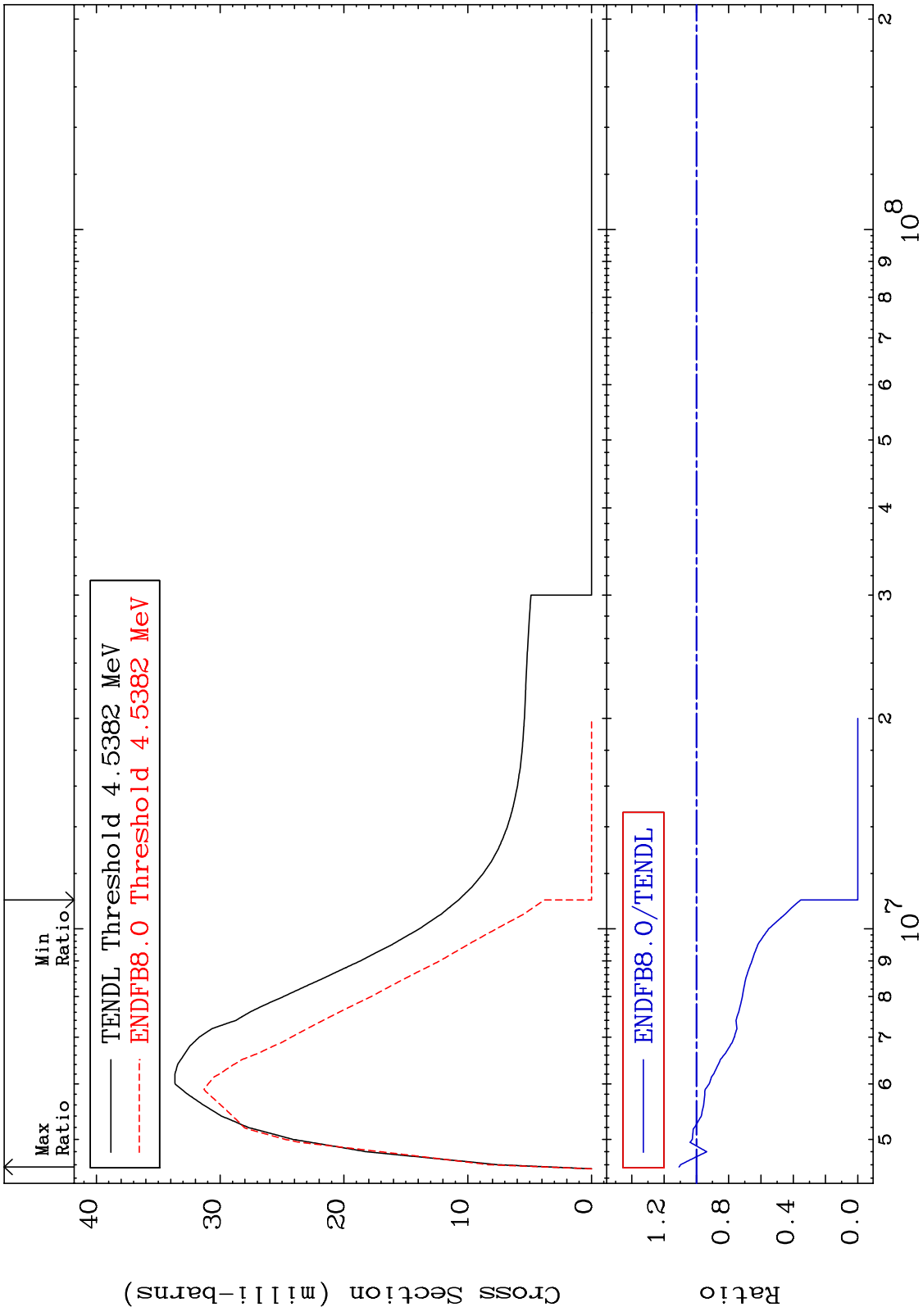


9

18-Ar-36

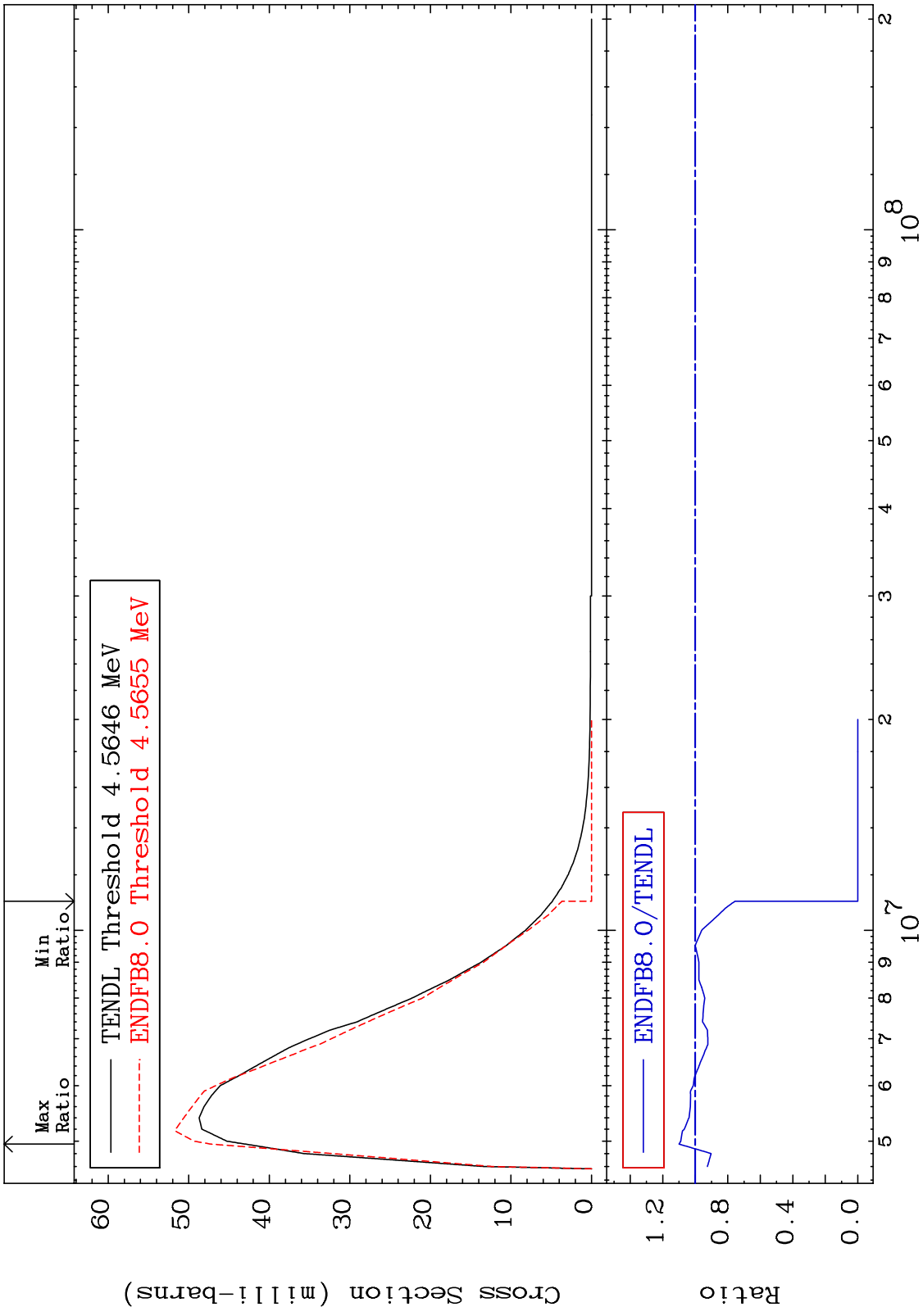
18-Ar-36

MAT 1825 MT= 54 (n,n') Level Cross Section -100.0 To 10.74 % 18-Ar-36

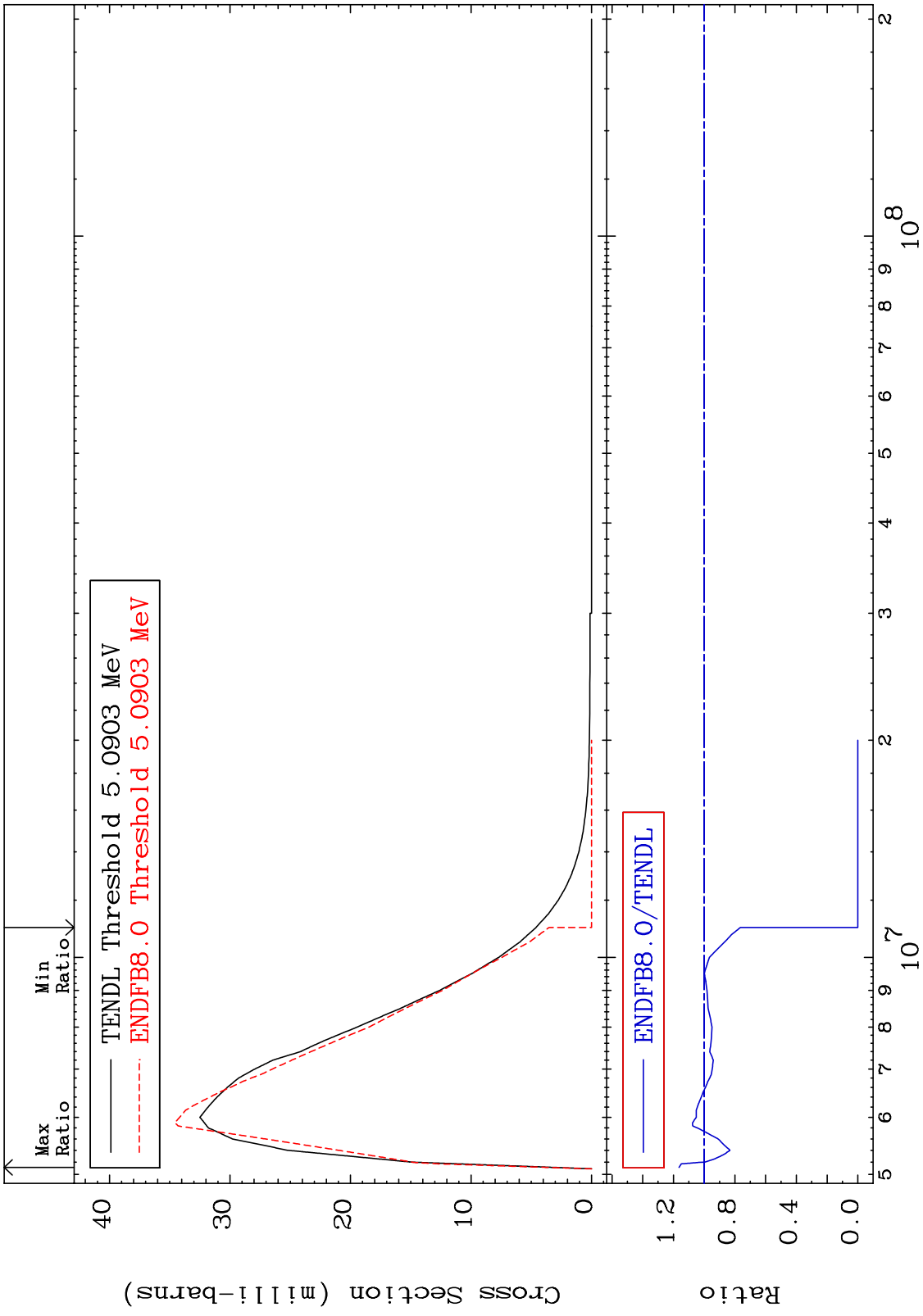


10 18-Ar-36

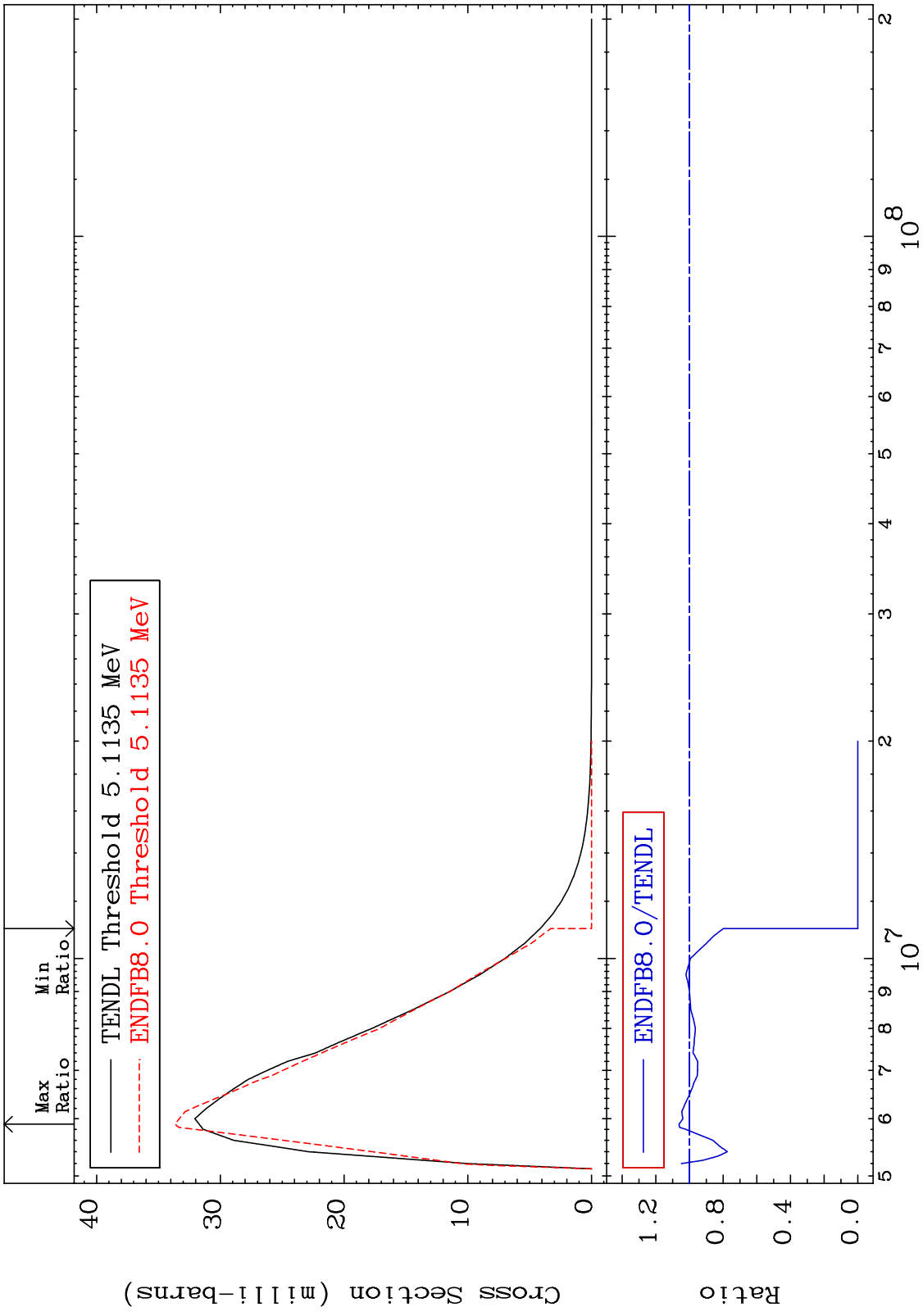
MAT 1825 MT= 55 (n,n') Level Cross Section -100.0 To 9.973 % 18-Ar-36



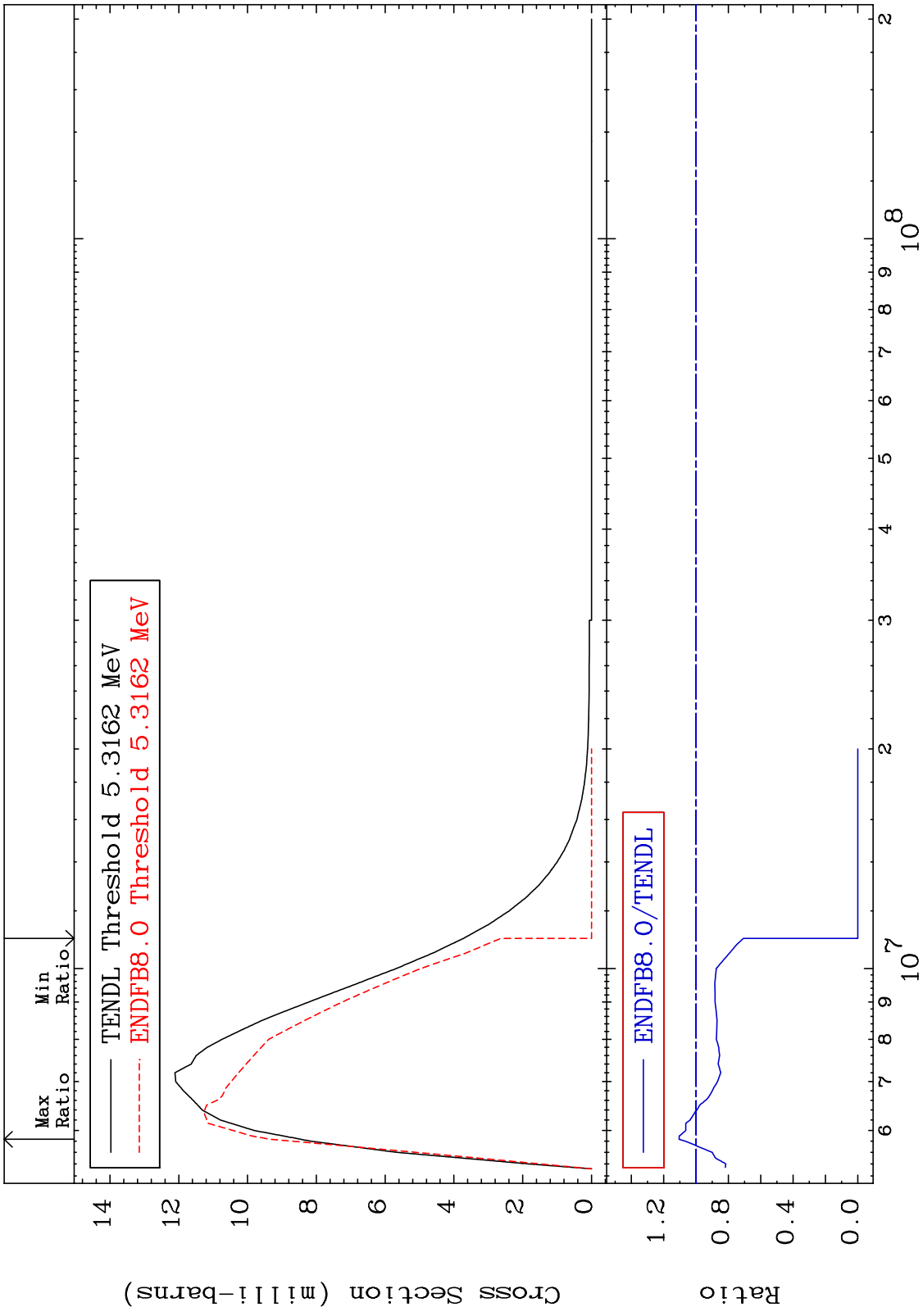
MAT 1825 MT= 56 (n,n') Level Cross Section -100.0 To 16.36 % 18-Ar-36



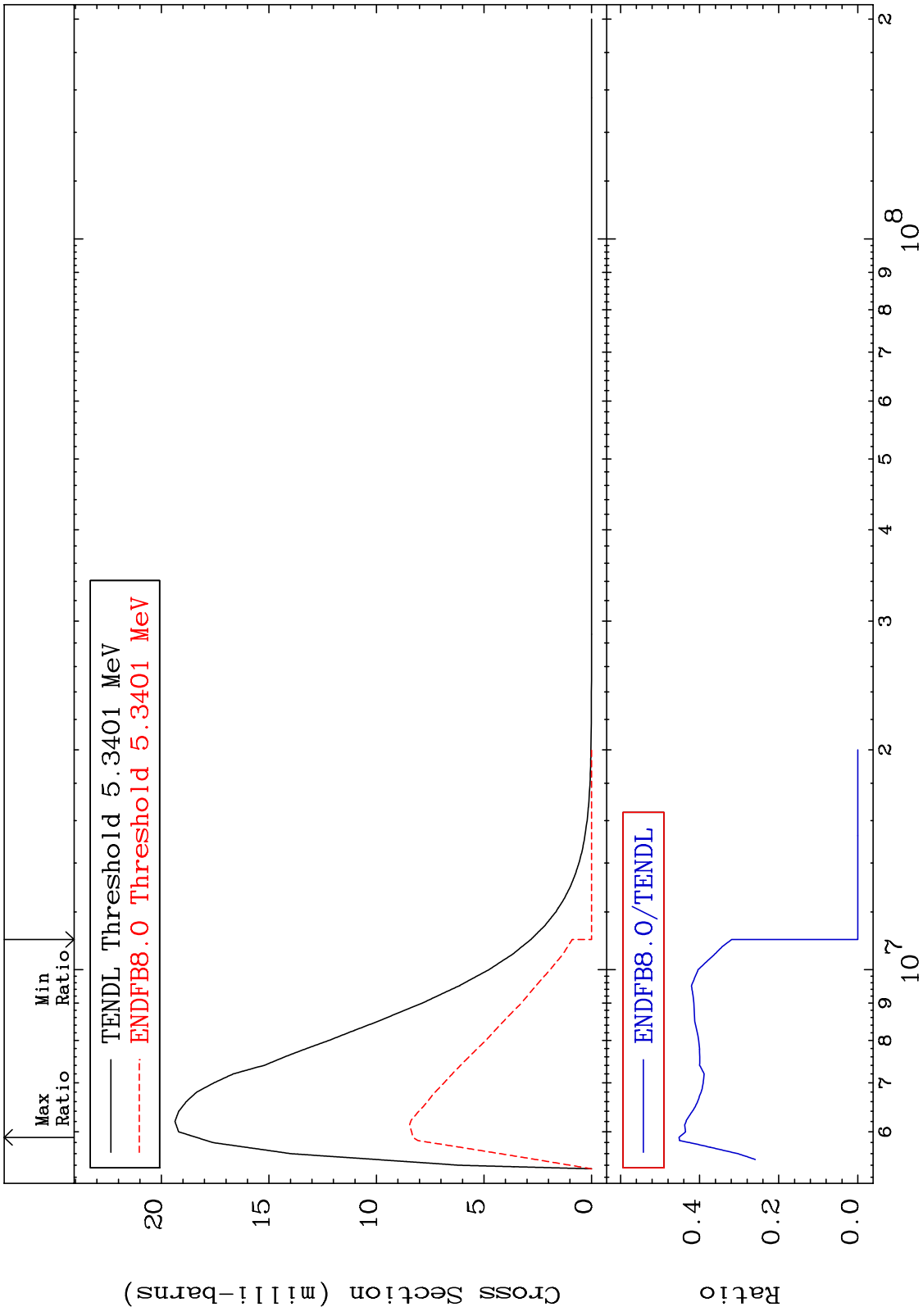
MAT 1825 MT= 57 (n,n') Level Cross Section -100.0 To 6.169 % 18-Ar-36



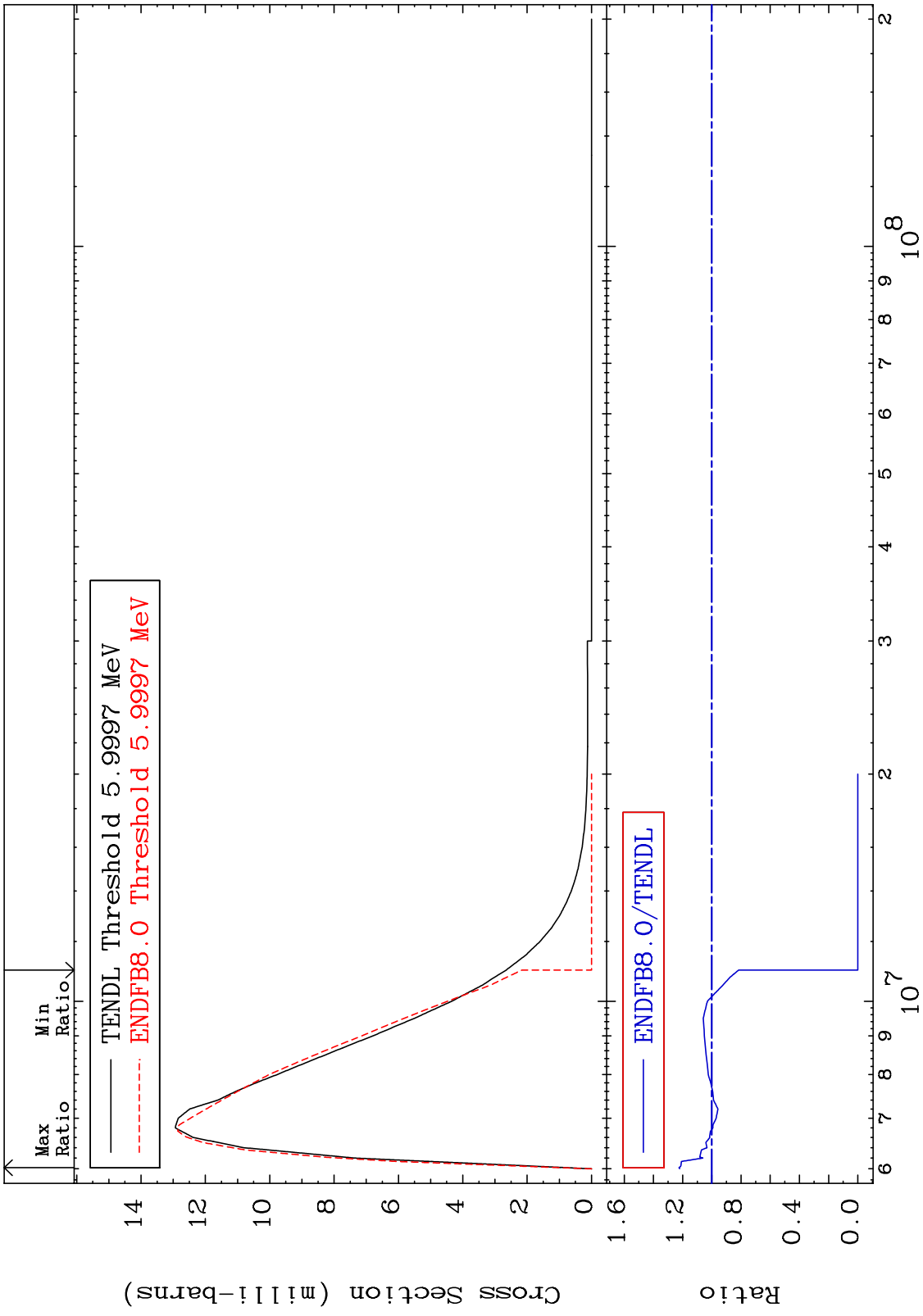
MAT 1825 MT= 58 (n,n') Level Cross Section 18-Ar-36 -100.0 To 10.46 %



MAT 1825 MT= 59 (n,n') Level Cross Section 18-Ar-36
 -100.0 To -54.80%



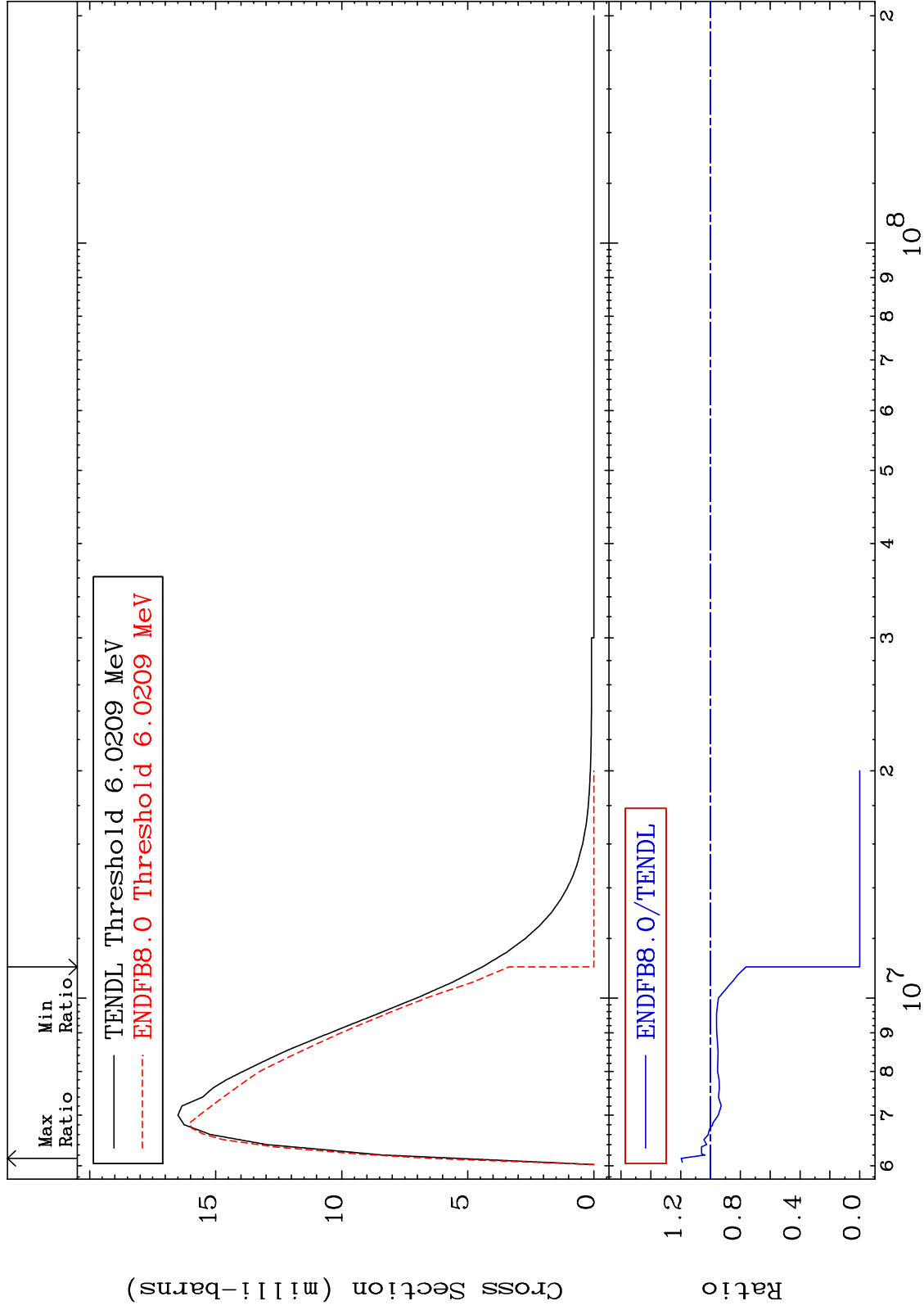
MAT 1825 MT= 60 (n,n') Level Cross Section -100.0 To 22.47 % 18-Ar-36



MAT 1825

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

18-Ar-36
-100.0 To 19.61 %



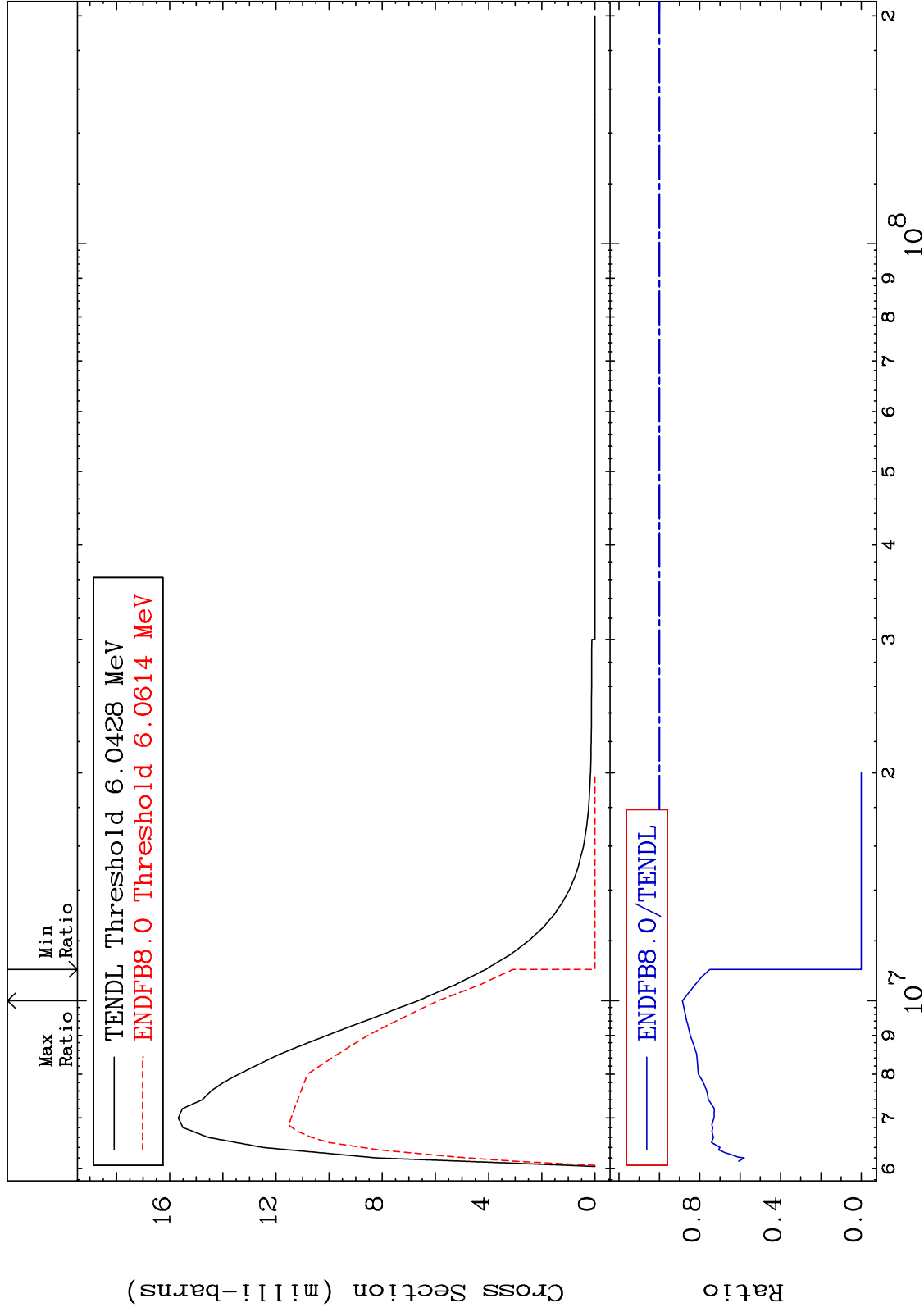
17

18-Ar-36

MAT 1825

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

18-Ar-36
-100.0 To -11.43%



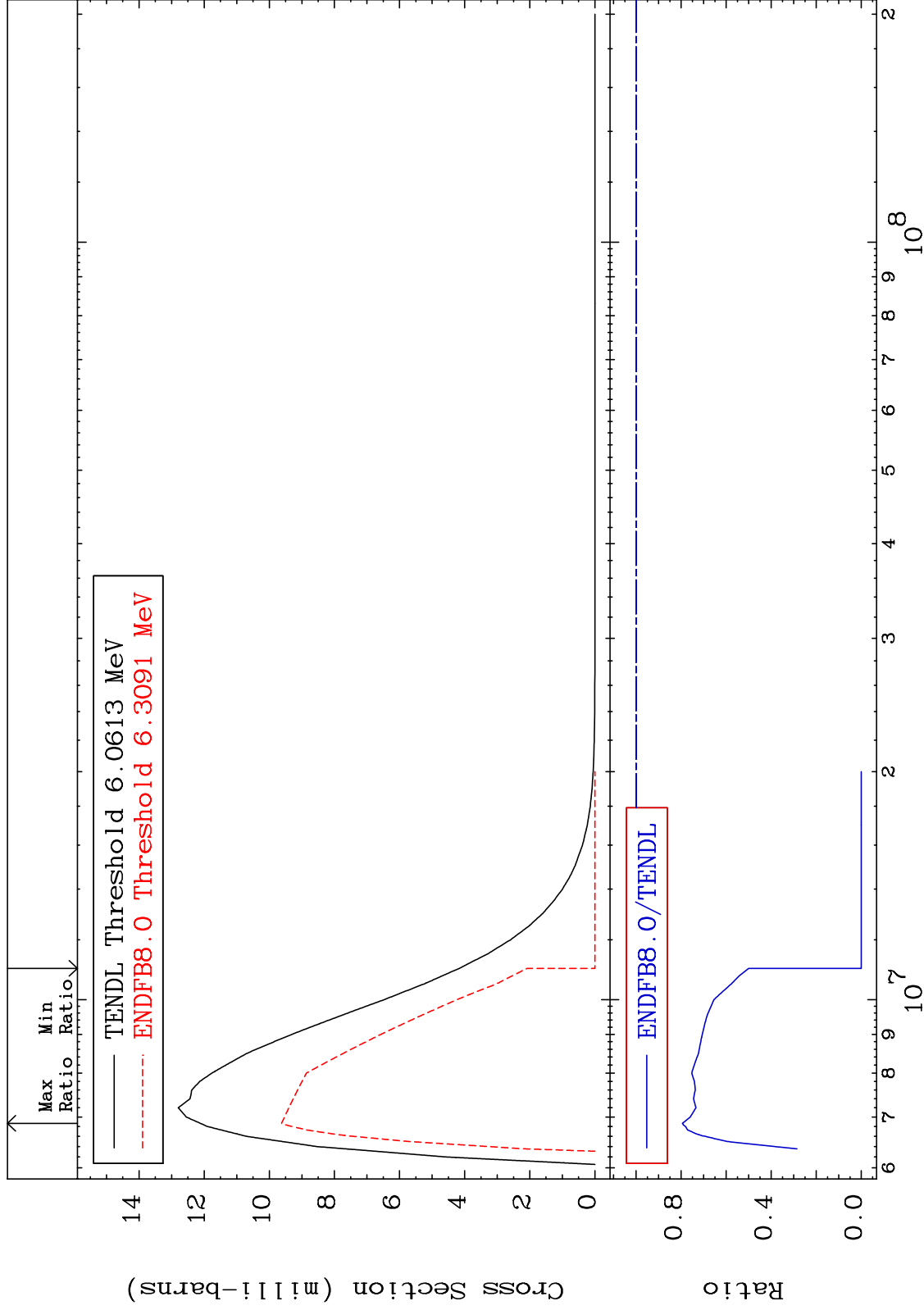
18

18-Ar-36

MAT 1825

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

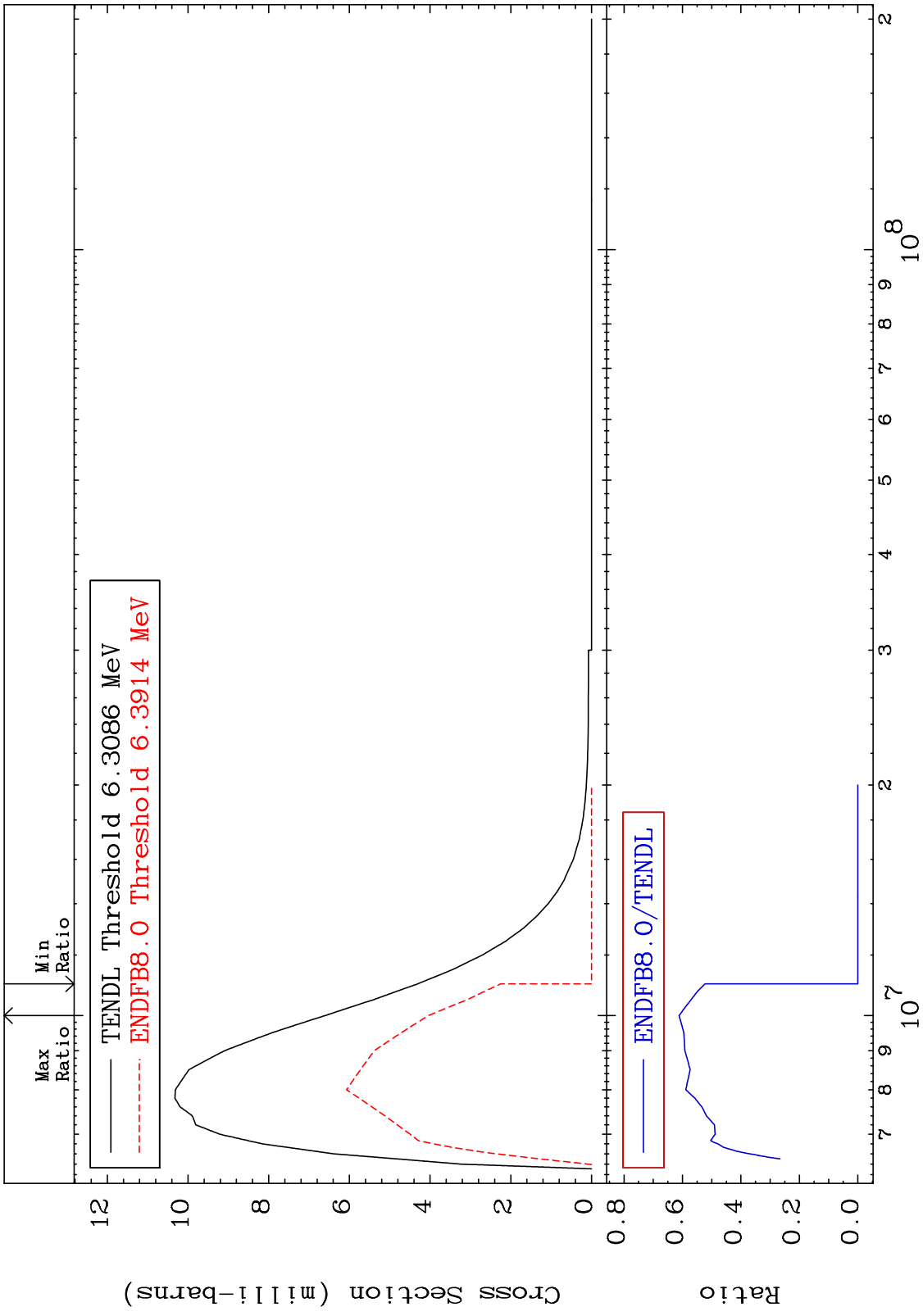
18-Ar-36
-100.0 To -20.57%



19

18-Ar-36

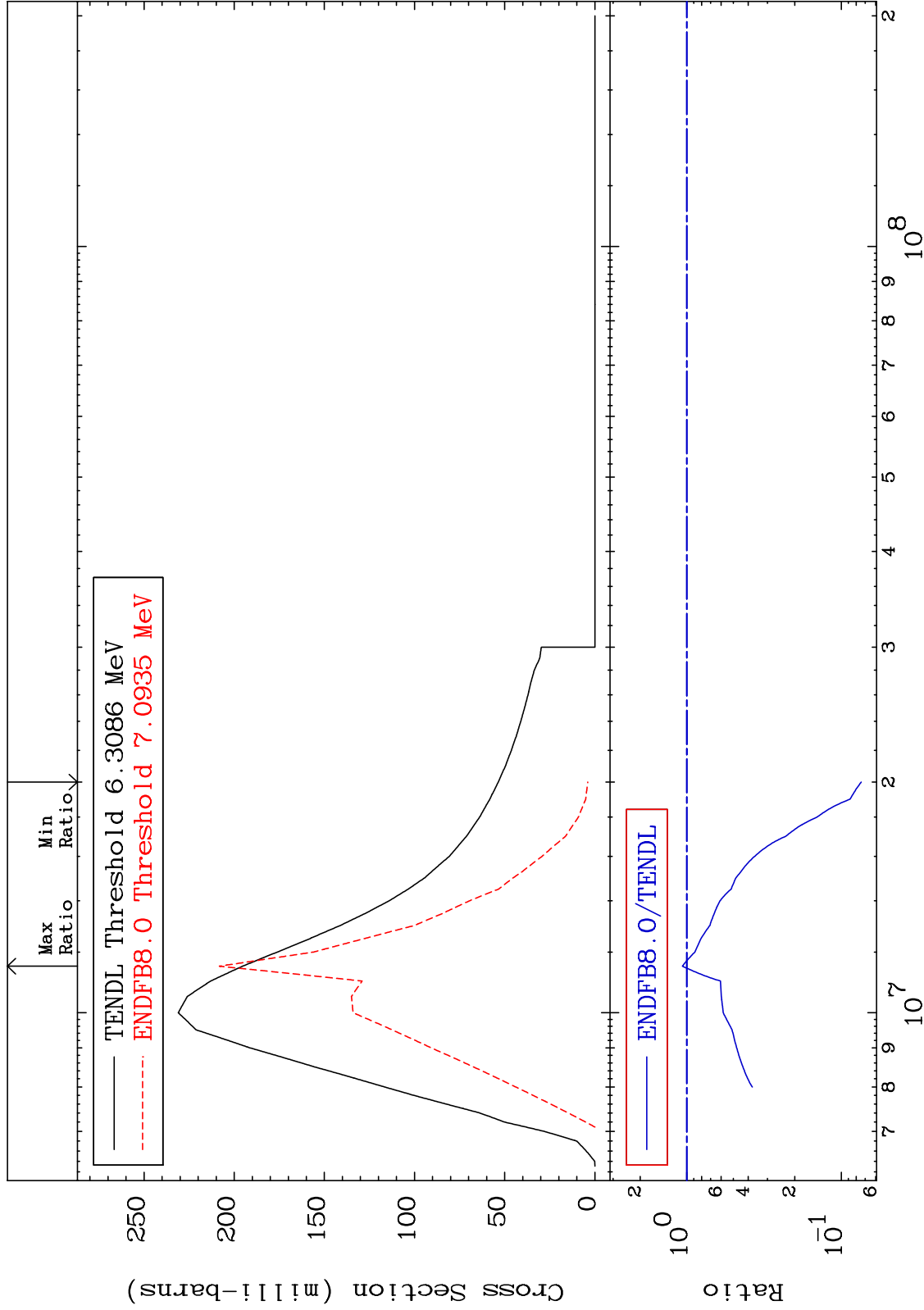
MAT 1825 MT= 64 (n,n') Level Cross Section -100.0 To -38.83% 18-Ar-36



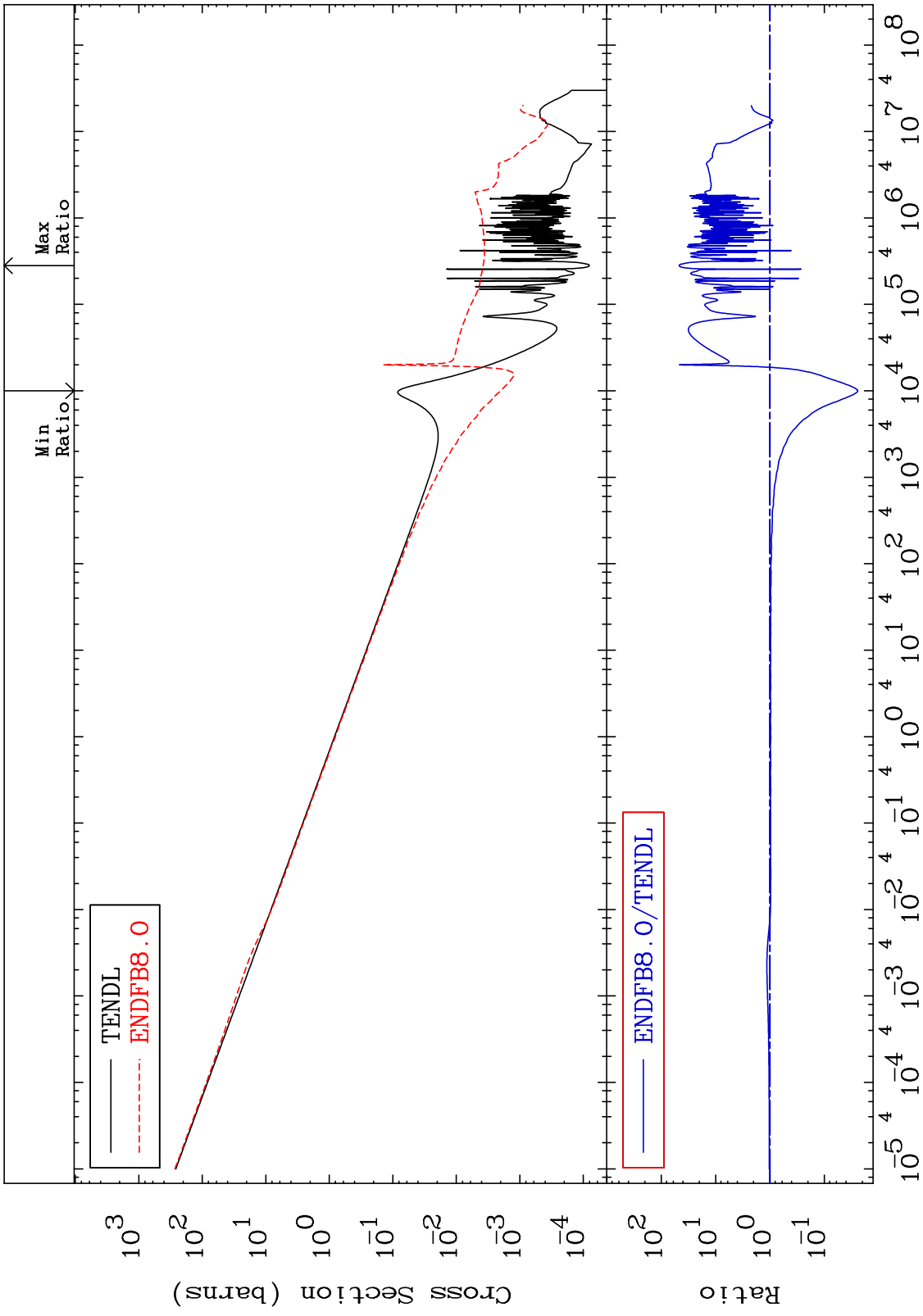
MAT 1825

(n,n') Continuum
Cross Section

18-Ar-36
-92.58 To 6.560 %

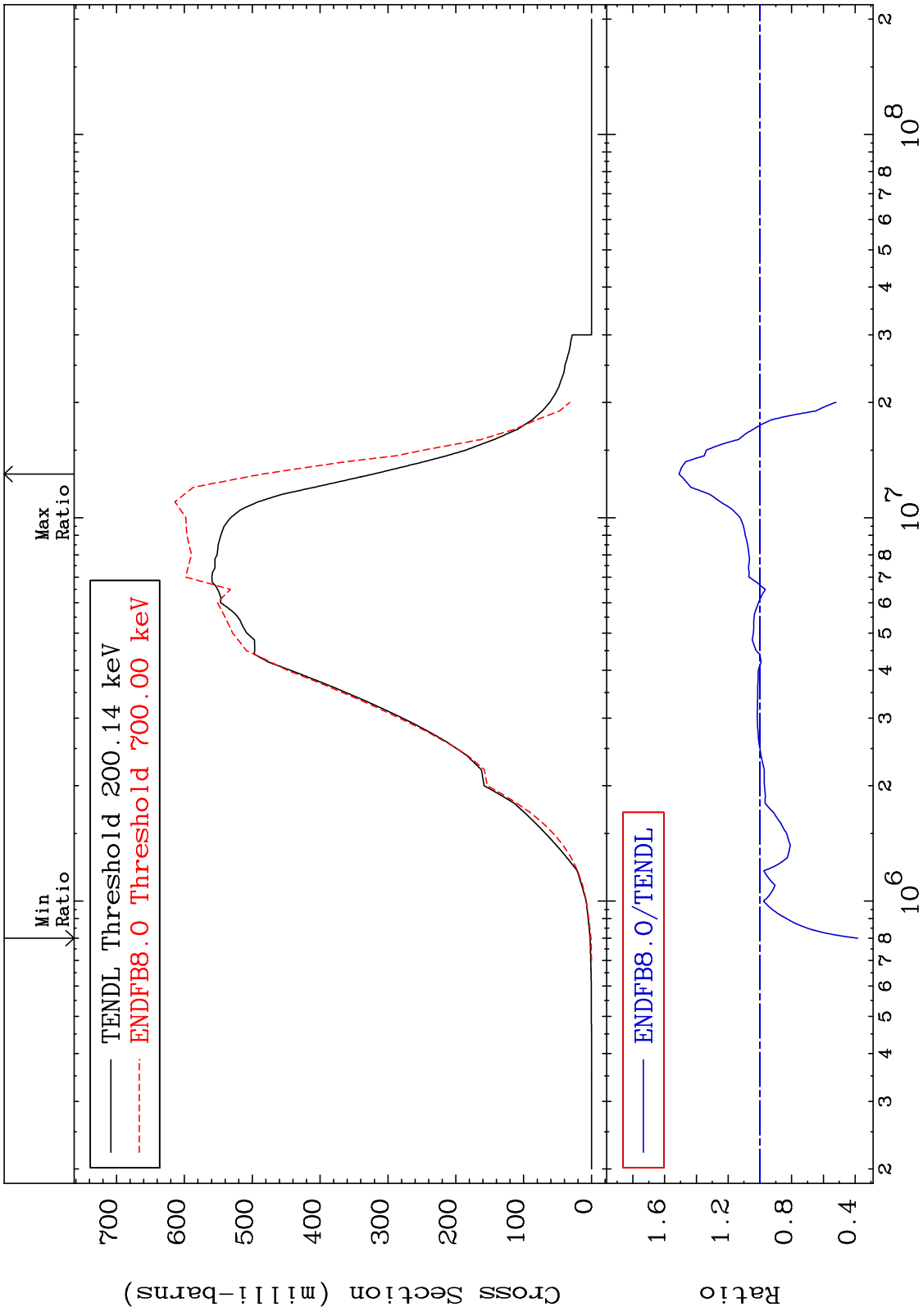


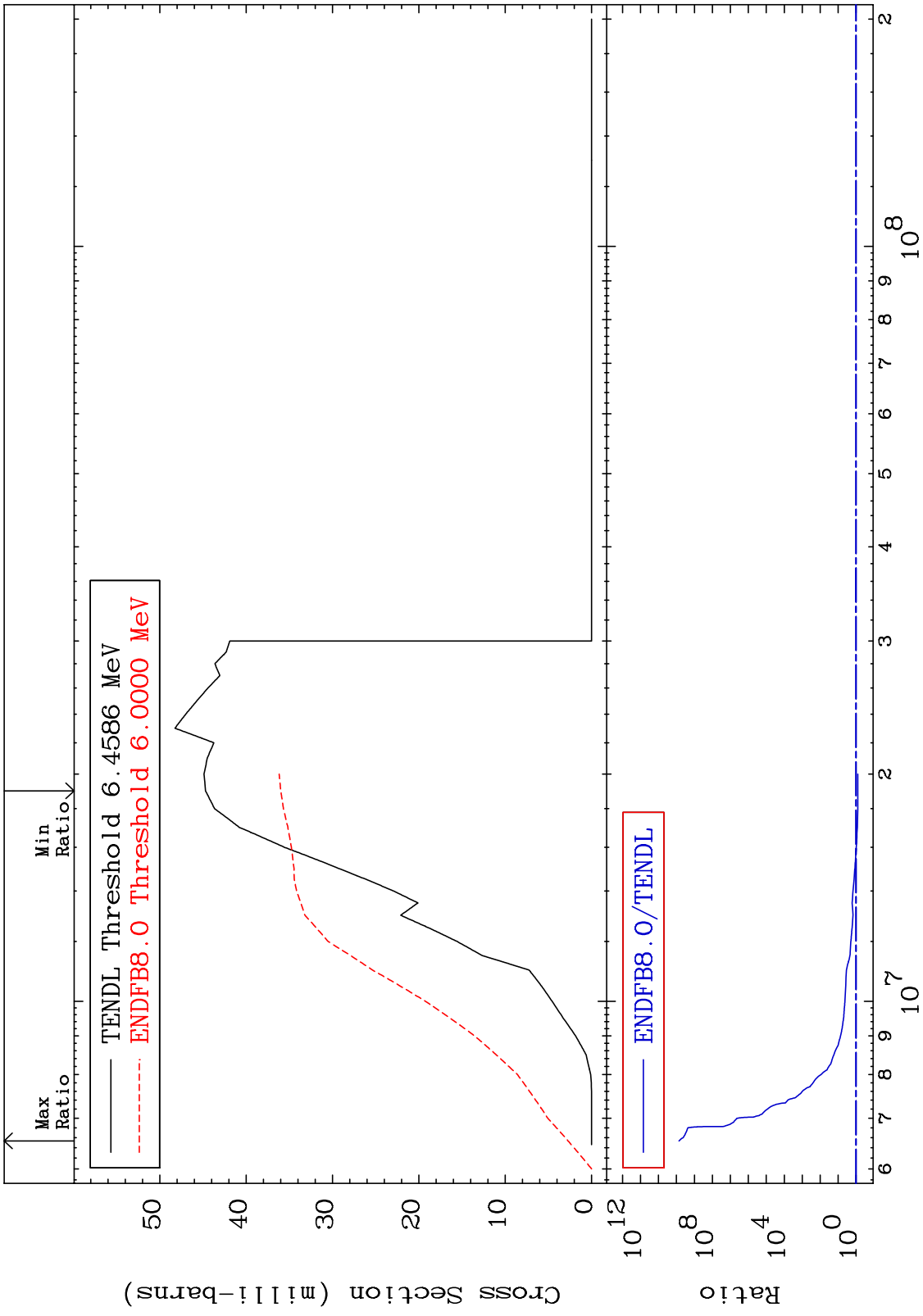
MAT 1825 (n,γ) Cross Section 18-Ar-36 -97.58 To 4604. %



Incident Energy (eV) 18-Ar-36

MAT 1825 (n,p) Cross Section 18-Ar-36 -61.72 To 50.93 %





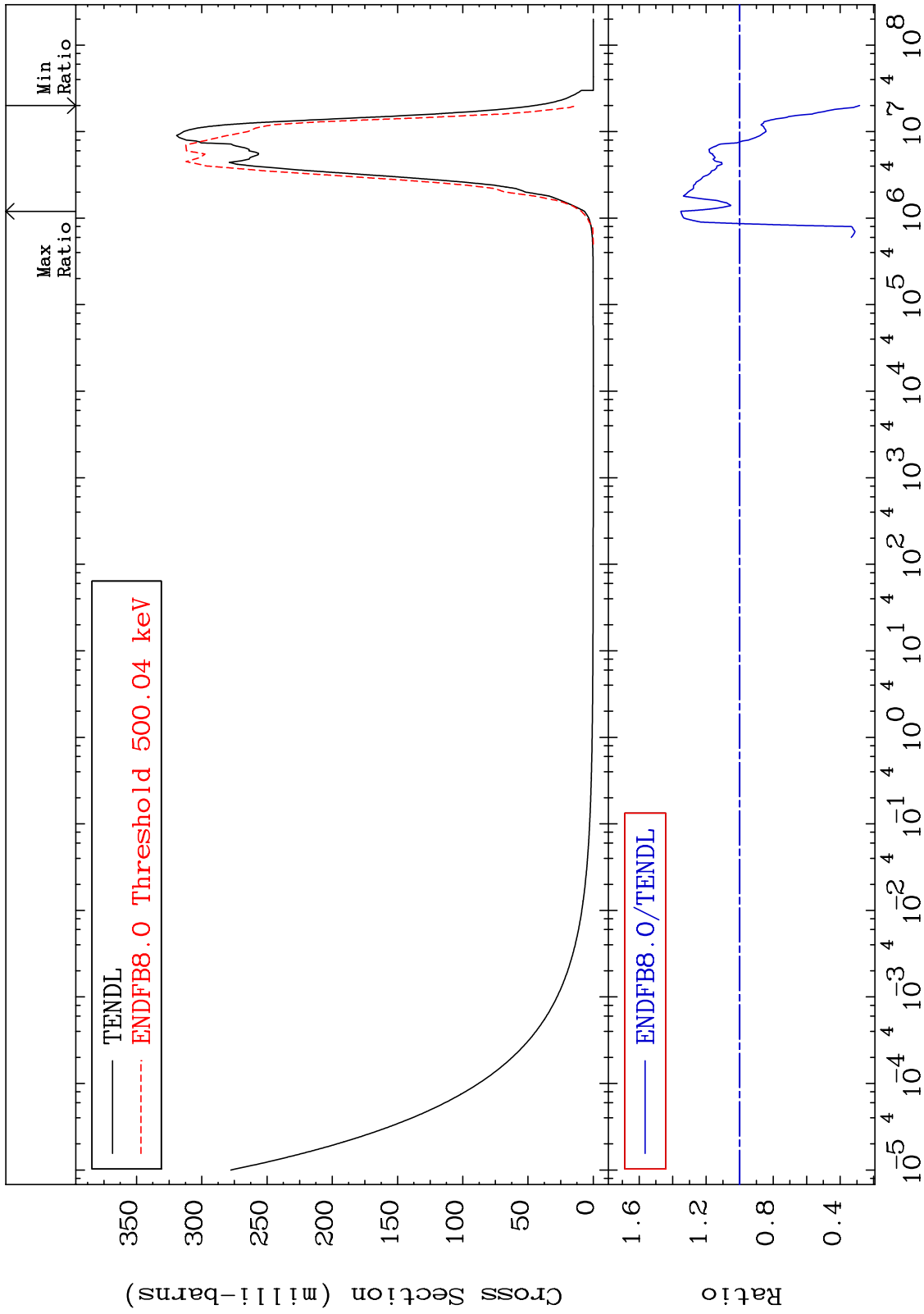
MAT 1825

(n, α)

18-Ar-36

Cross Section

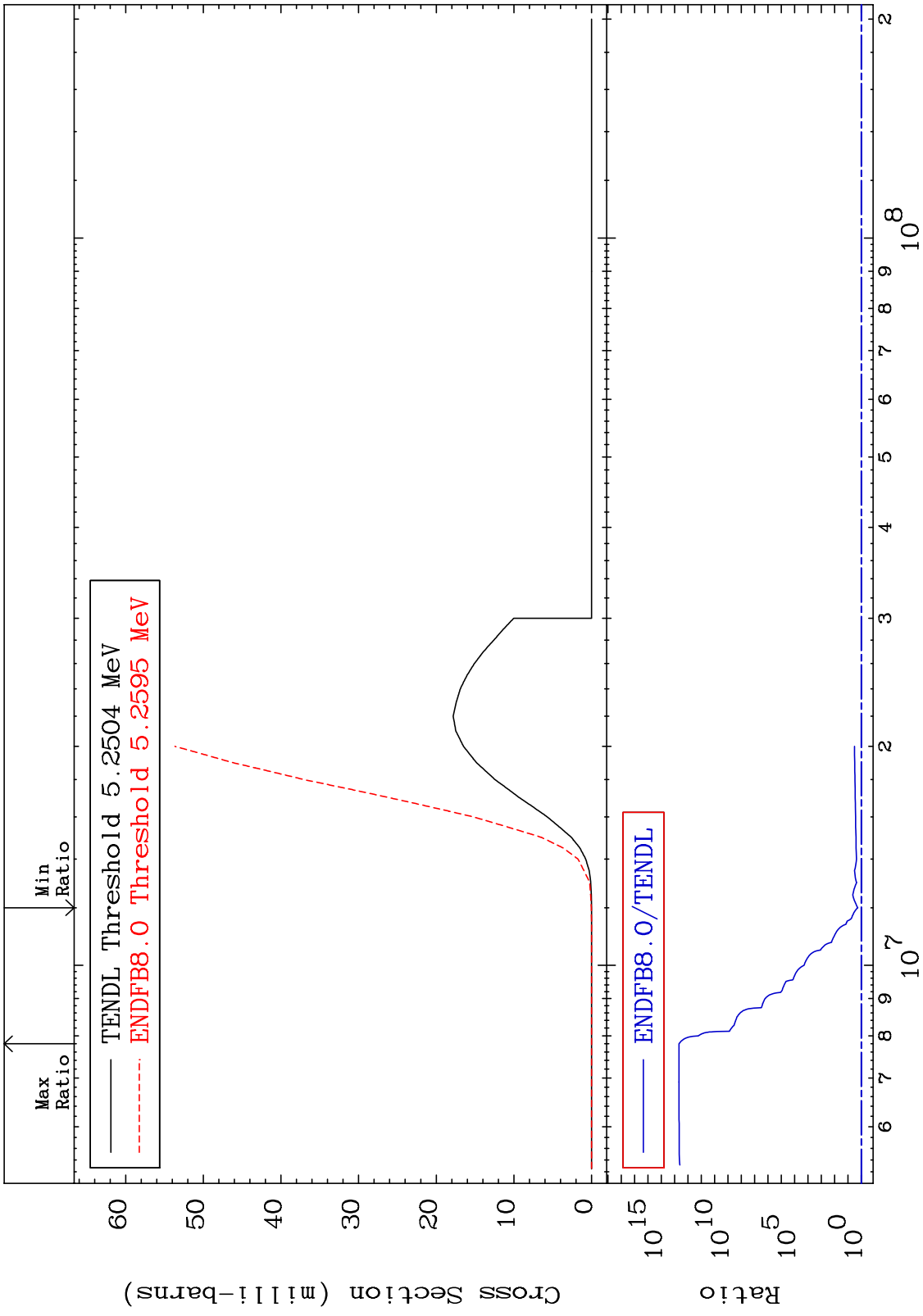
-71.65 To 35.14 %



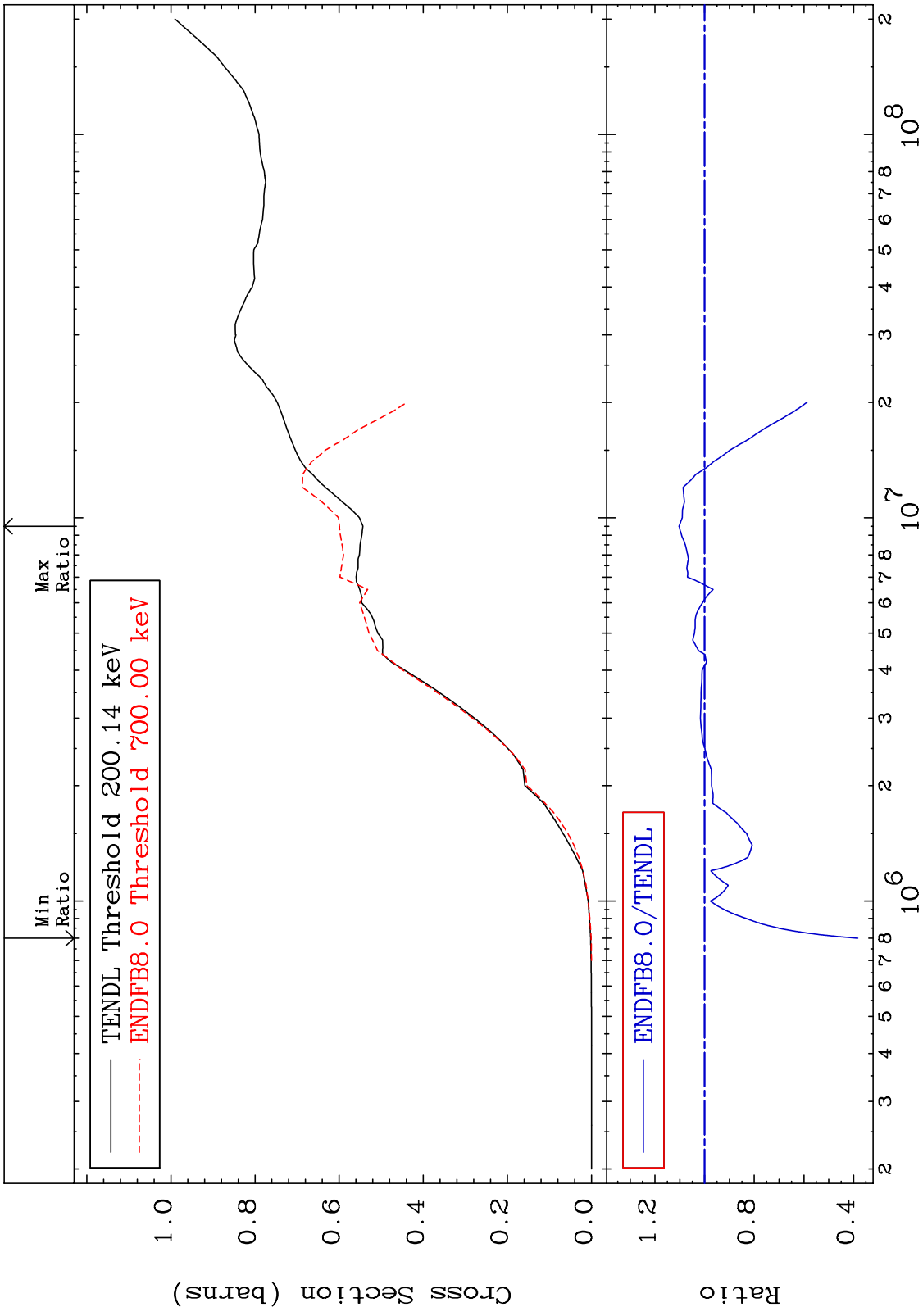
25

Incident Energy (eV)

18-Ar-36



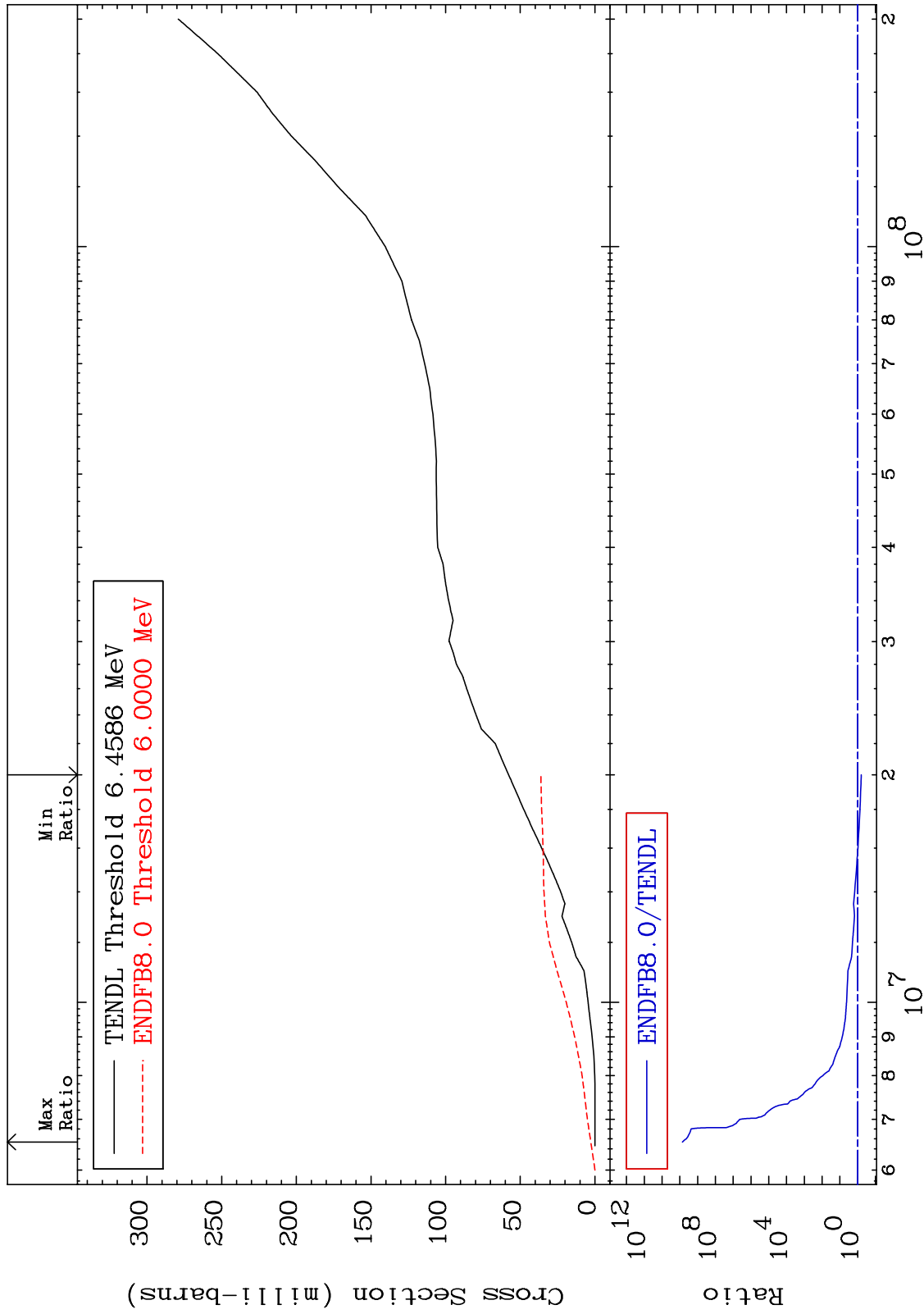
MAT 1825 18-Ar-36
 Hydrogen Production Cross Section -61.72 To 10.31 %



MAT 1825

Deuterium Production
Cross Section

18-Ar-36
-37.40 To 9999. %



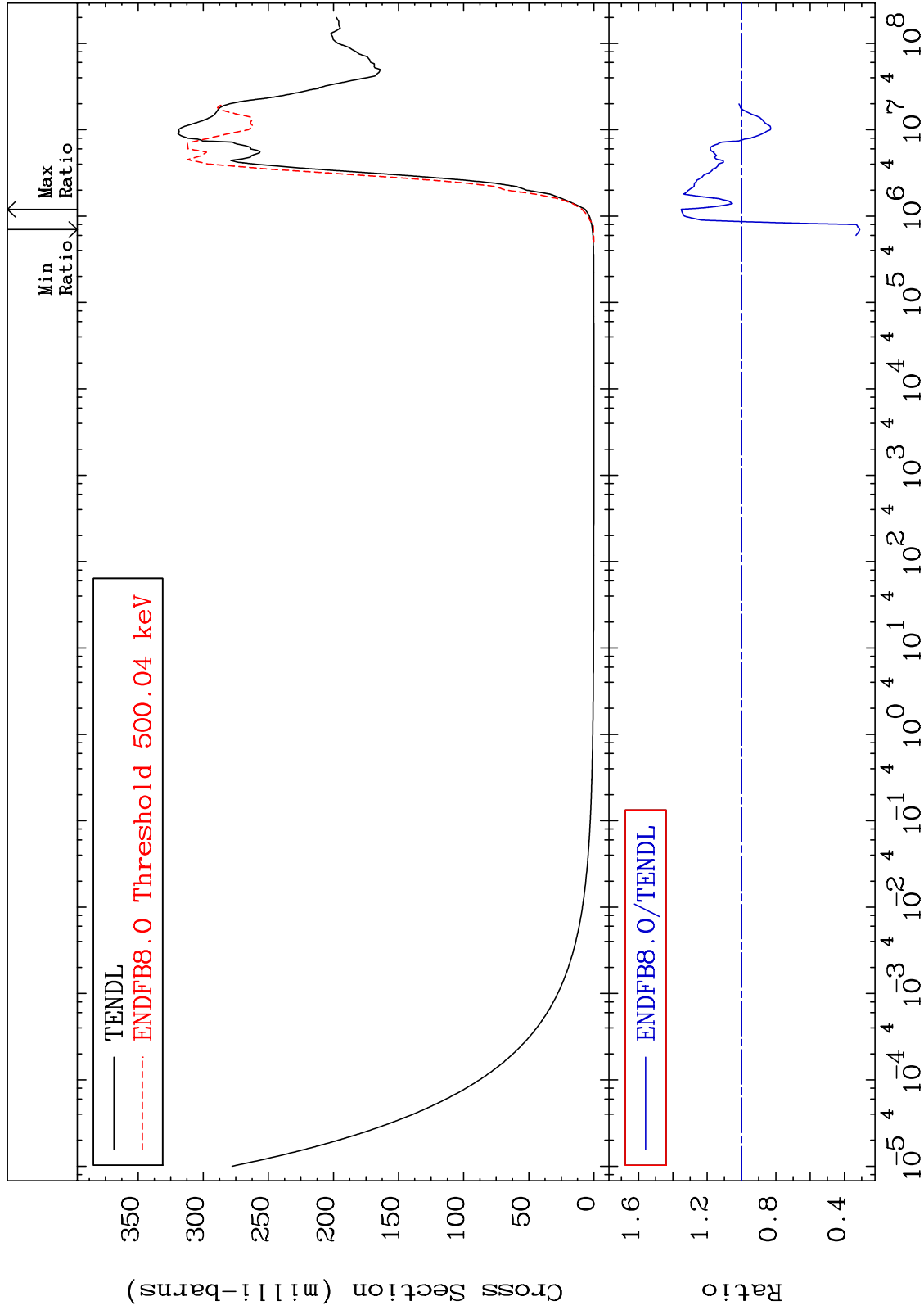
28

18-Ar-36

MAT 1825

He-4 Production
Cross Section

18-Ar-36
-68.88 To 35.14 %

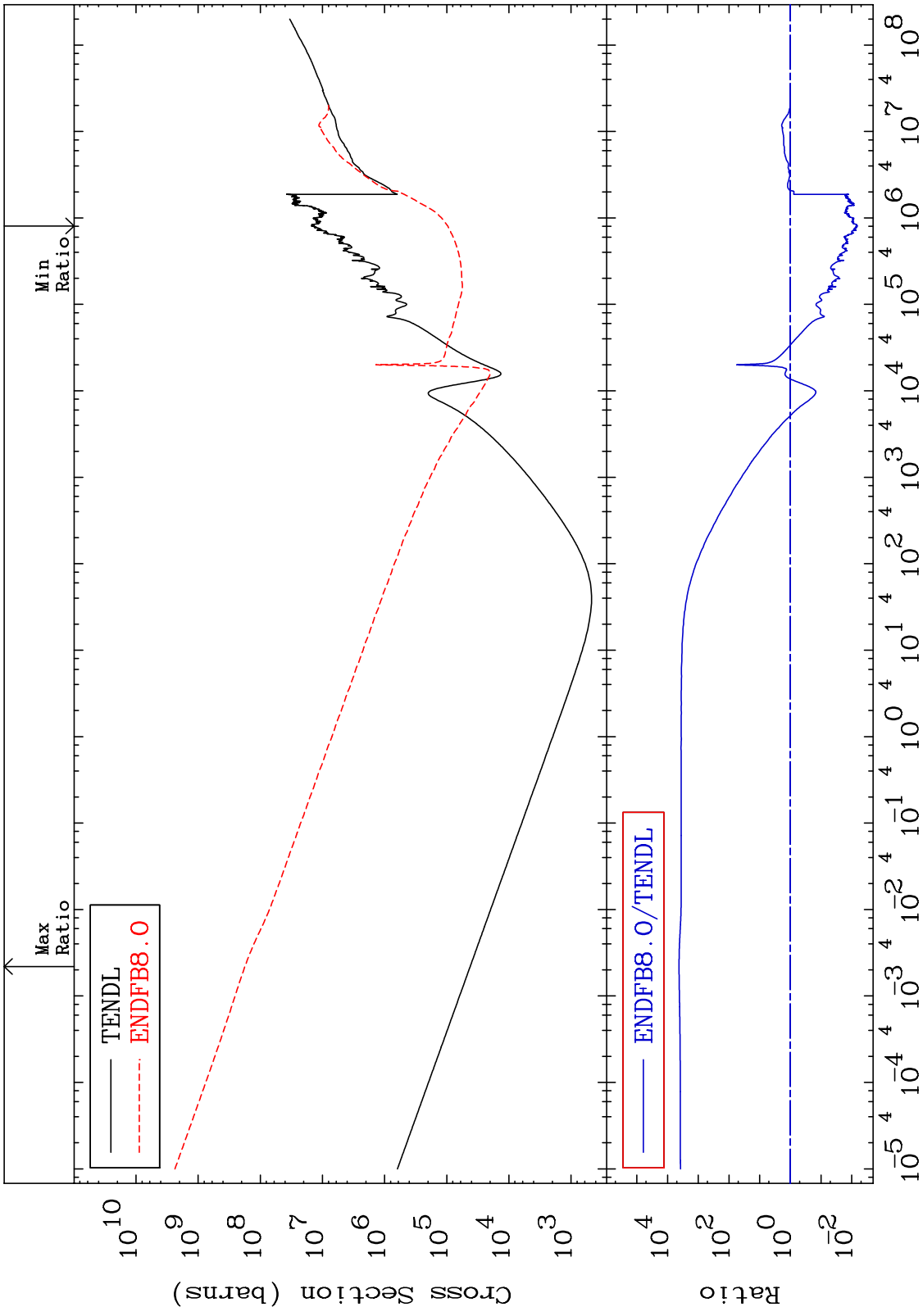


29

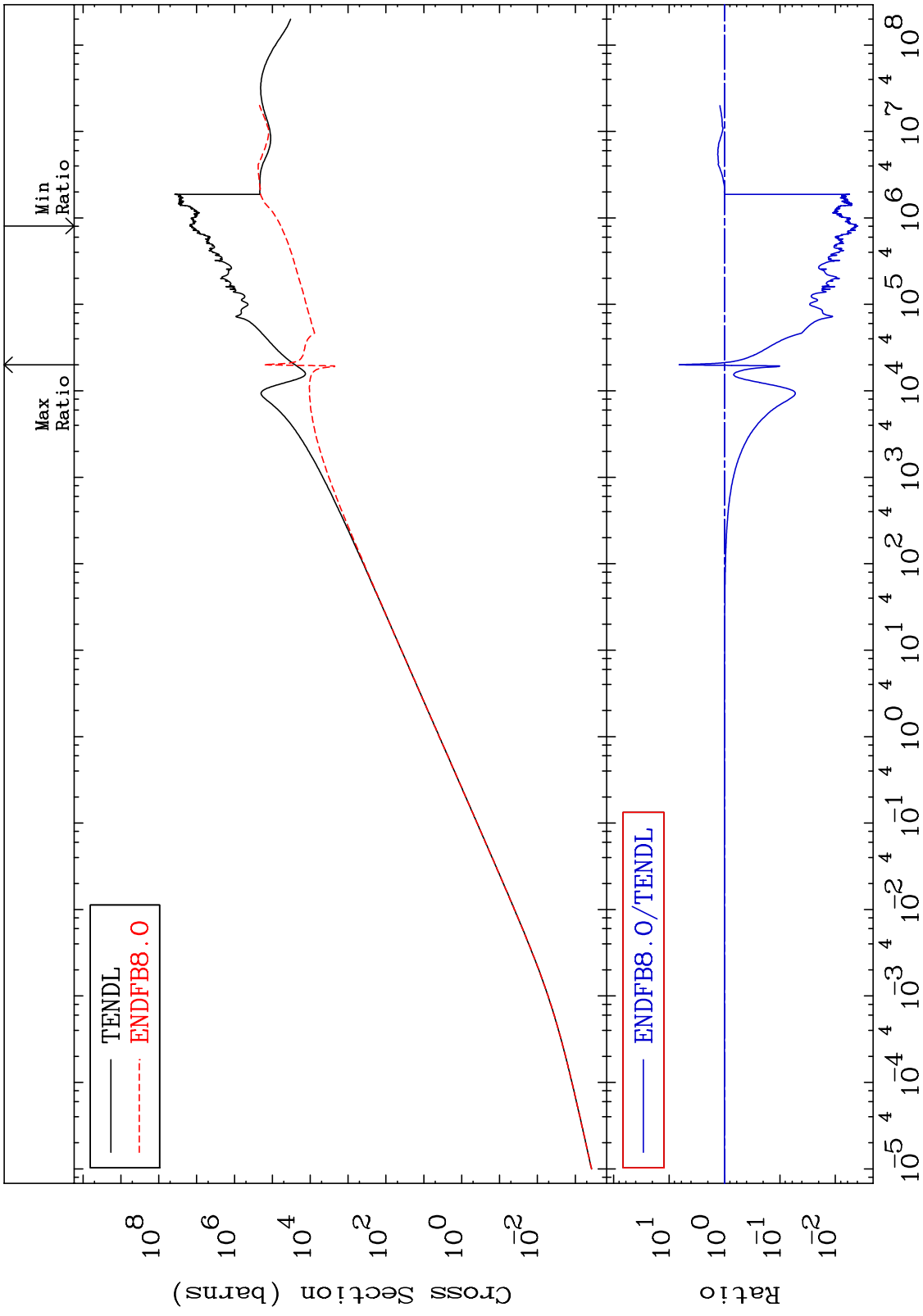
Incident Energy (eV)

18-Ar-36

MAT 1825 18-Ar-36
 Kerma total (eV-barns) -99.37 To 9999. %
 Cross Section



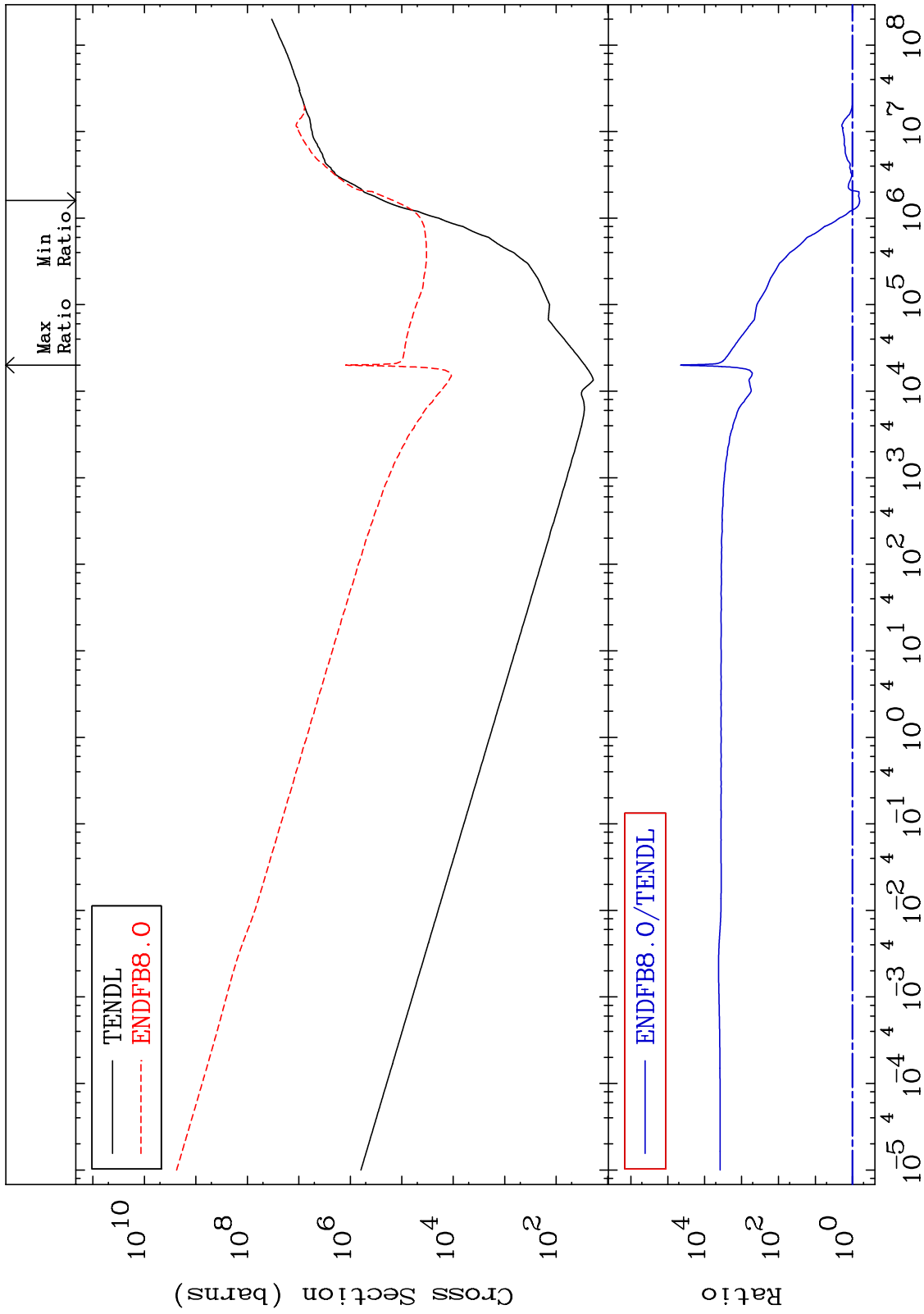
MAT 1825
Kerma elastic Cross Section
18-Ar-36
-99.61 To 560.3 %

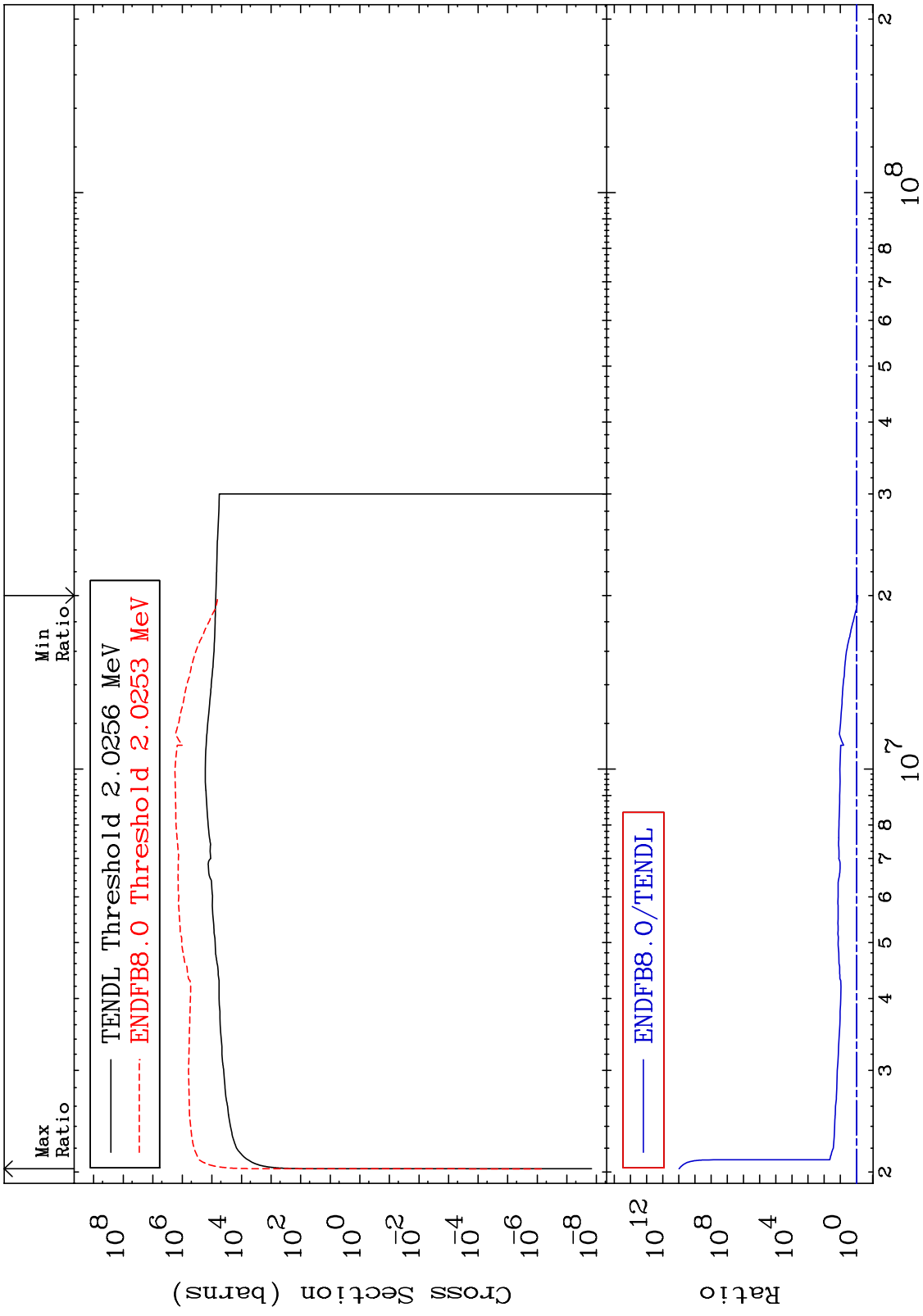


MAT 1825

Kerma non-elastic (all but mt2)
Cross Section

18-Ar-36
-36.42 To 9999. %

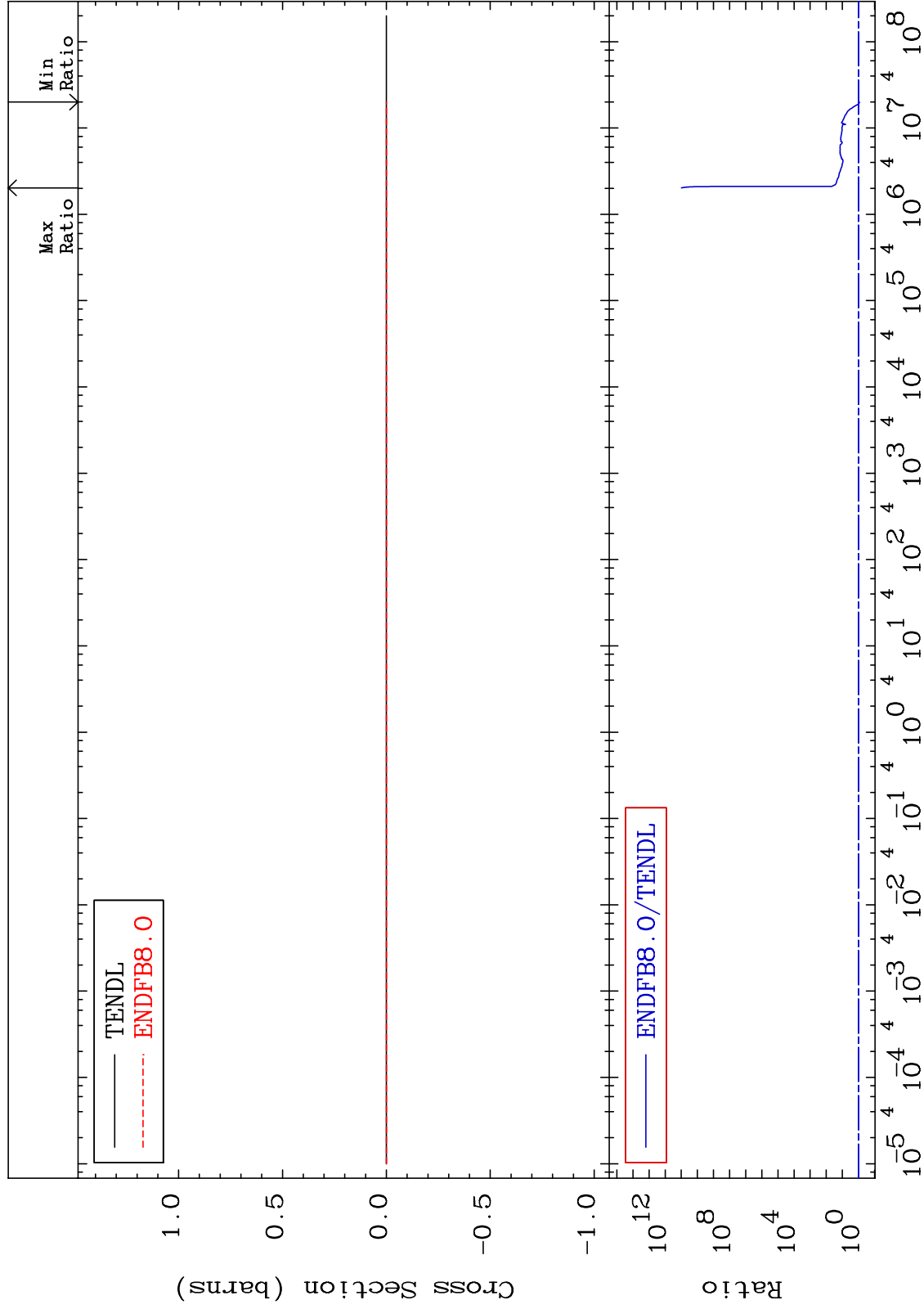




MAT 1825

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

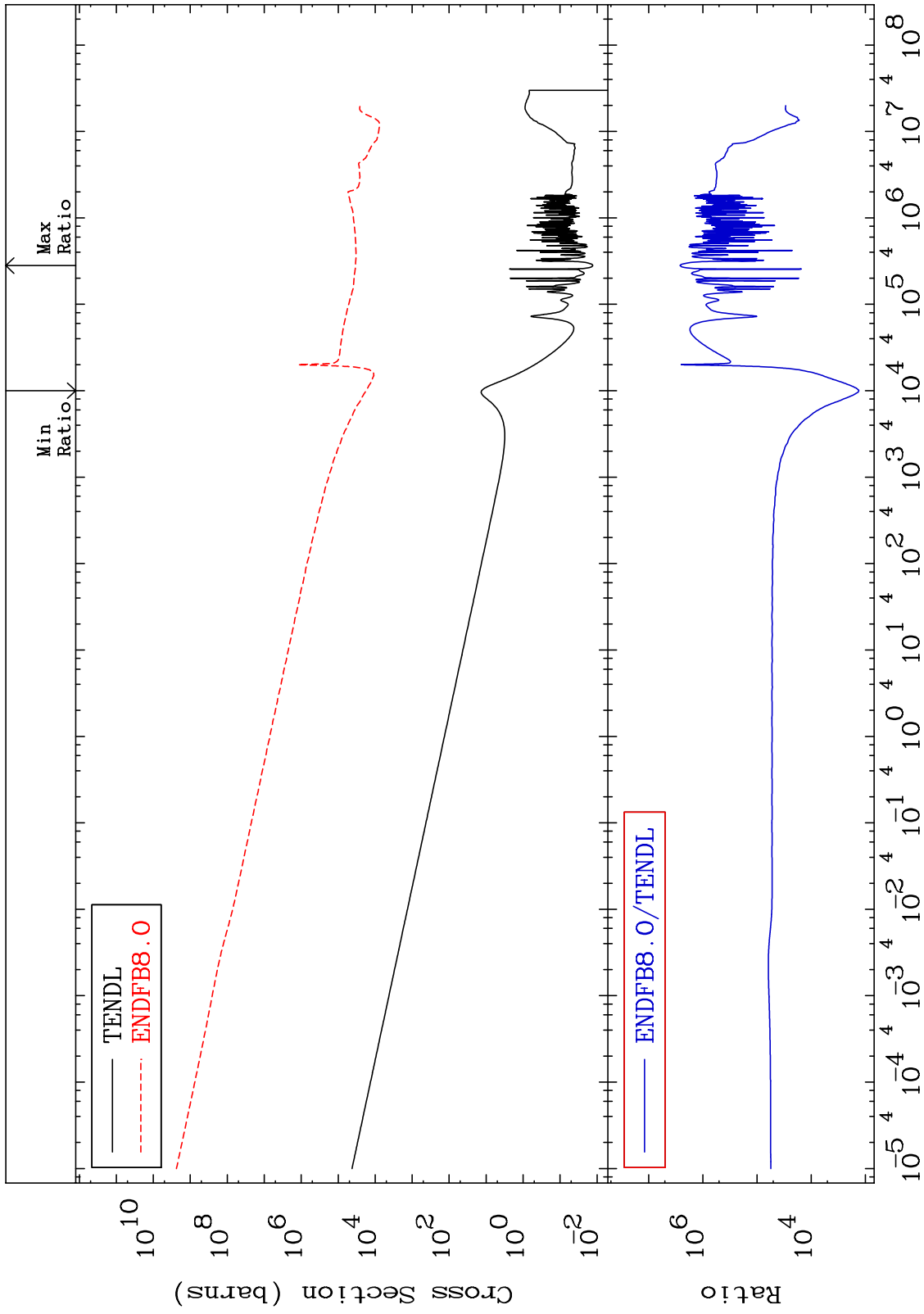
18-Ar-36
-17.68 To 9999. %



MAT 1825

Kerma capture (mt102)
Cross Section

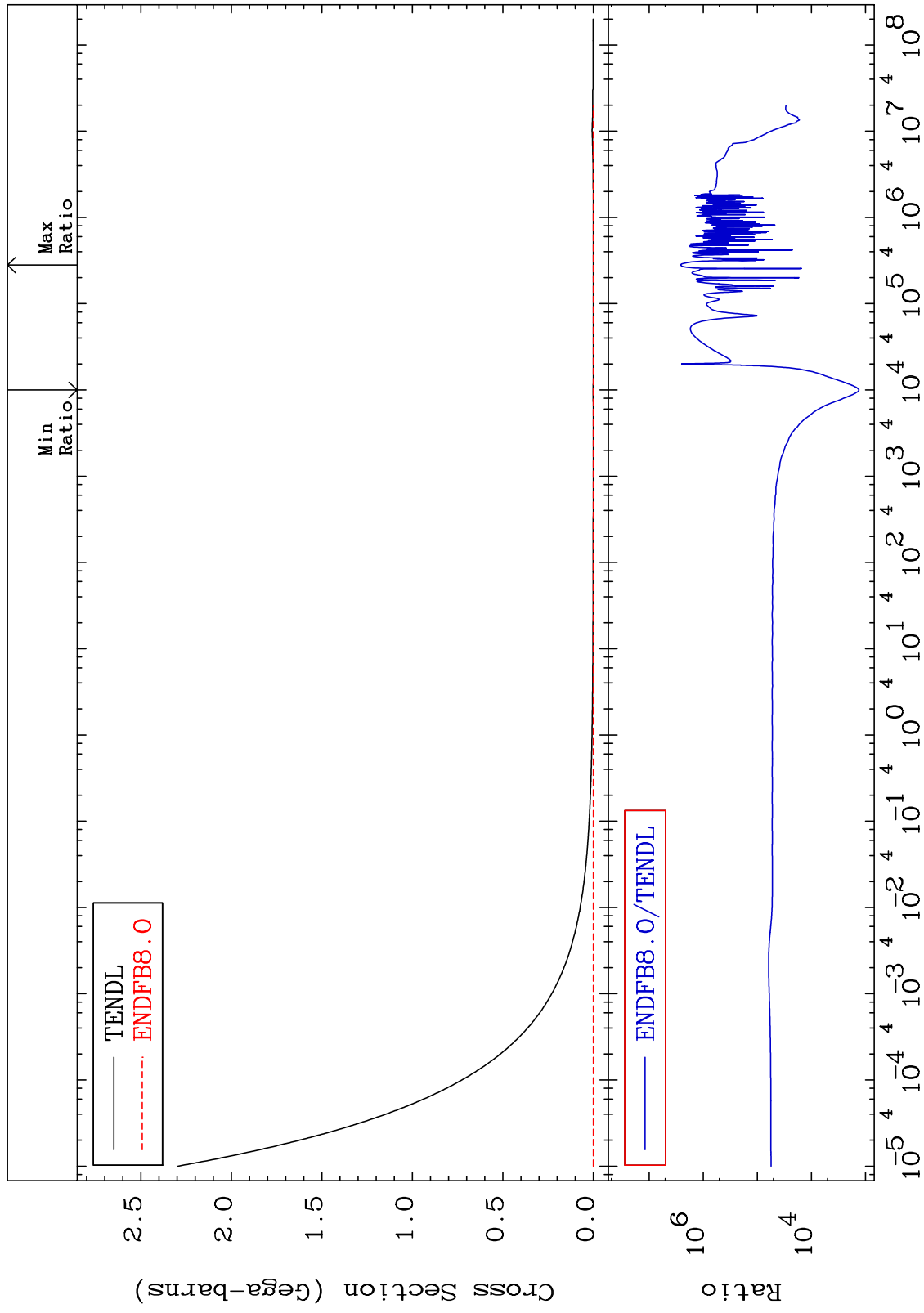
18-Ar-36
9999. To 9999. %



MAT 1825

Total photon (eV-barns)
Cross Section

18-Ar-36
9999. To 9999. %

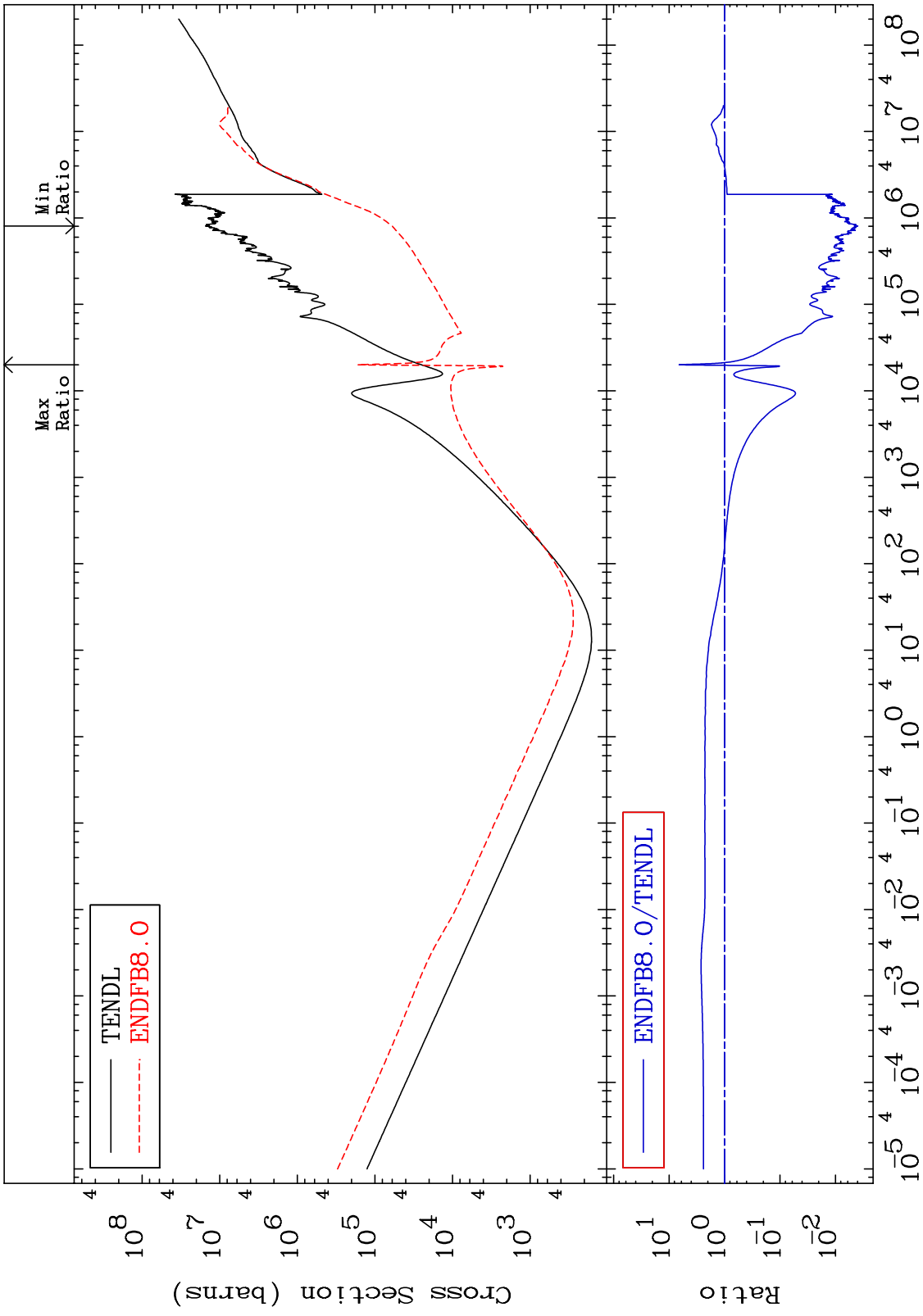


36

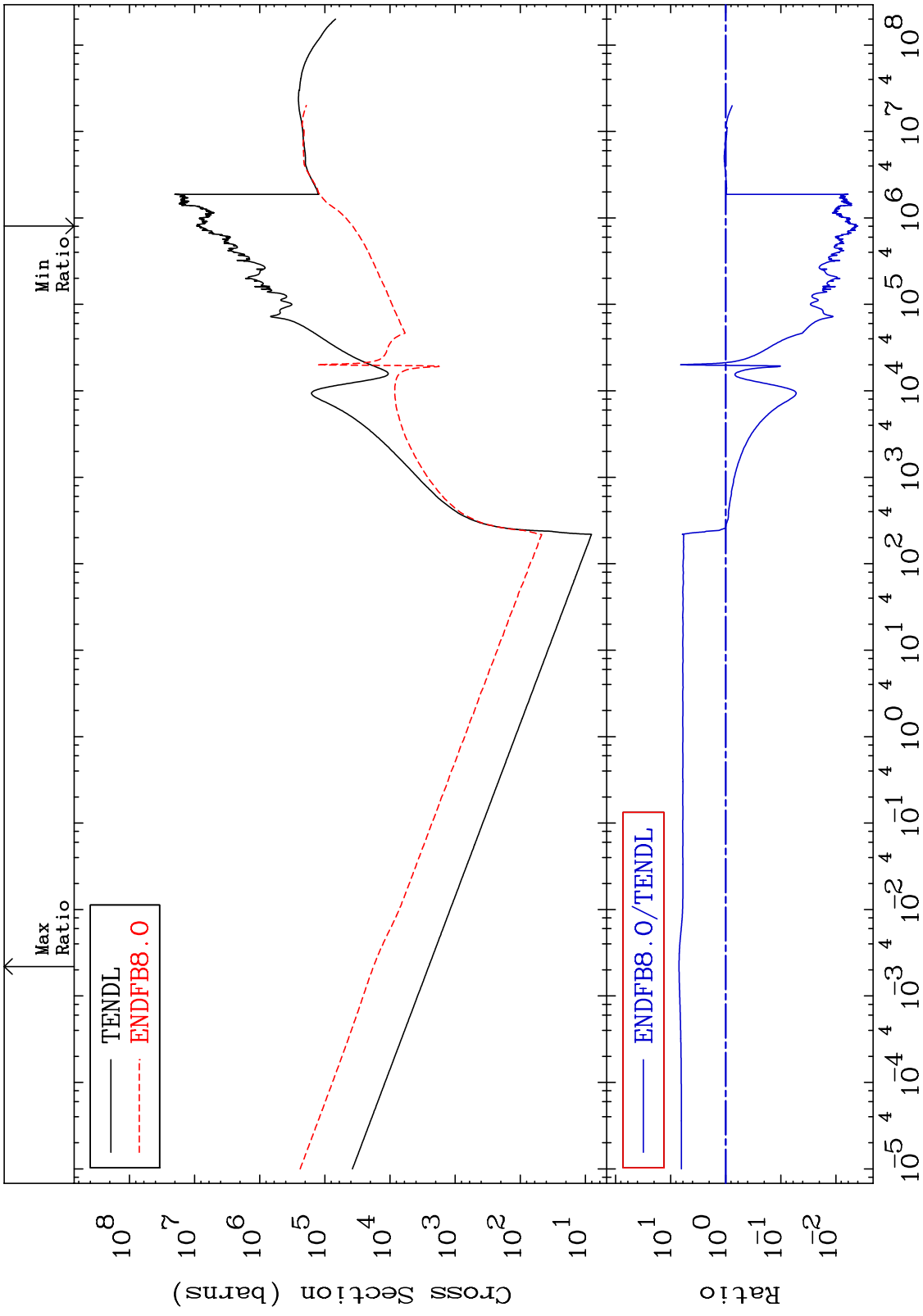
Incident Energy (eV)

18-Ar-36

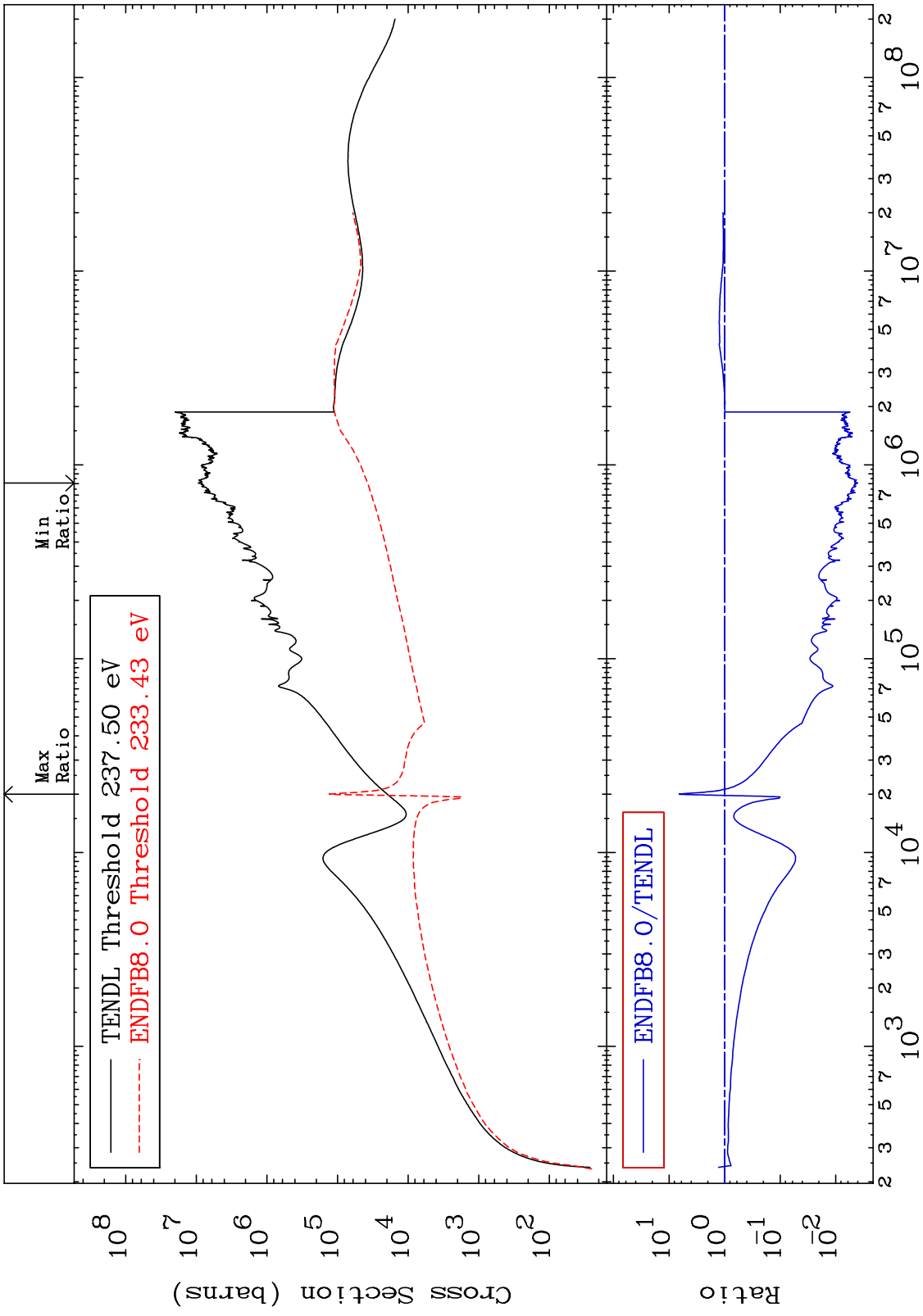
MAT 1825 Total kinematic kerma (high limit) 18-Ar-36
 Cross Section -99.61 To 561.0 %



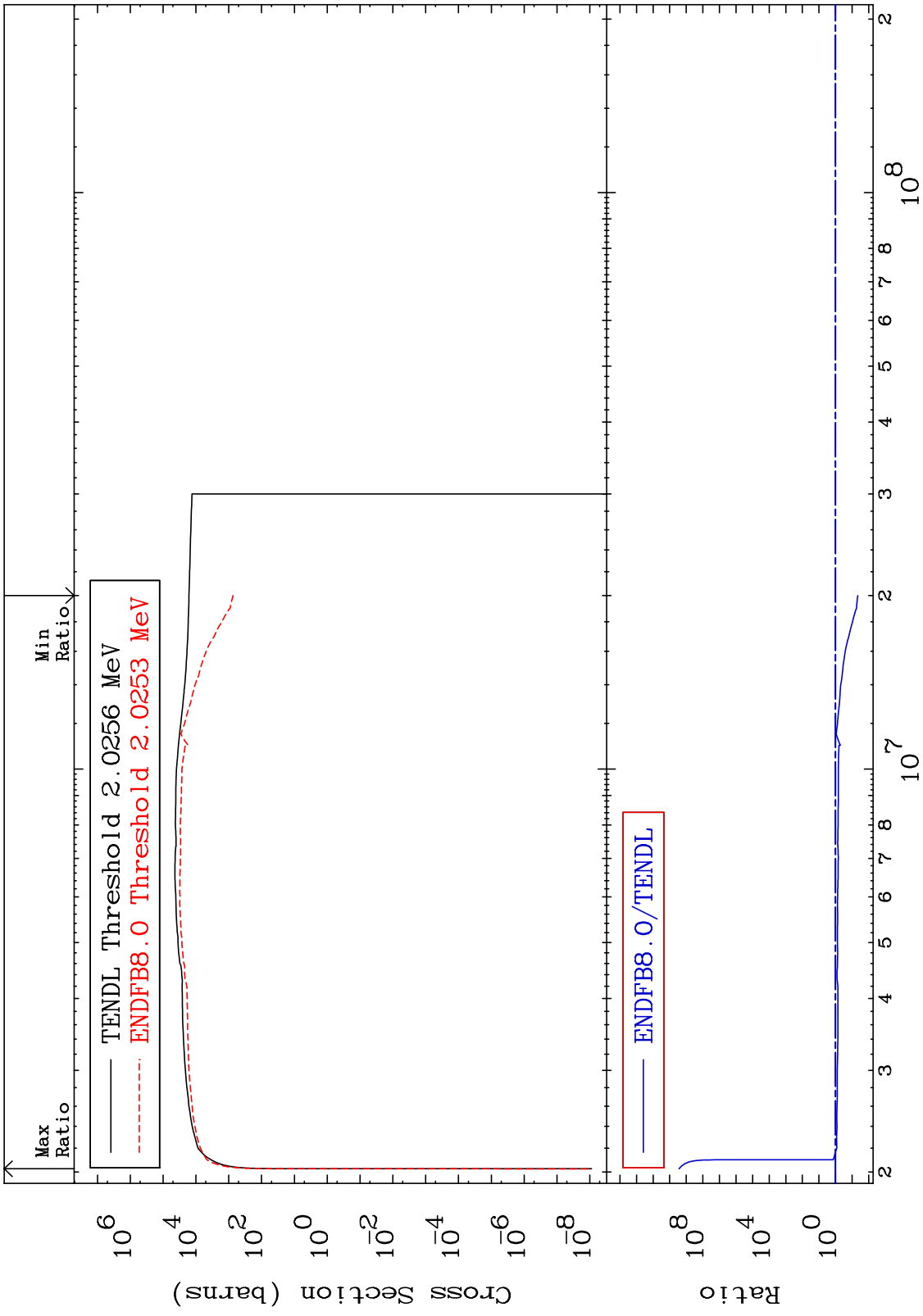
MAT 1825 18-Ar-36
 Dpa total (eV-barns) -99.60 To 603.9 %
 Cross Section



MAT 1825 18-Ar-36
 Dpa elastic (mt2) Cross Section -99.60 To 560.5 %



MAT 1825 Dpa inelastic (mt51-91) 18-Ar-36
 Cross Section -95.48 To 9999. %



MAT 1825

Dpa disappearance (mt102 -120)
Cross Section

18-Ar-36
-80.52 To 9999. %

