

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

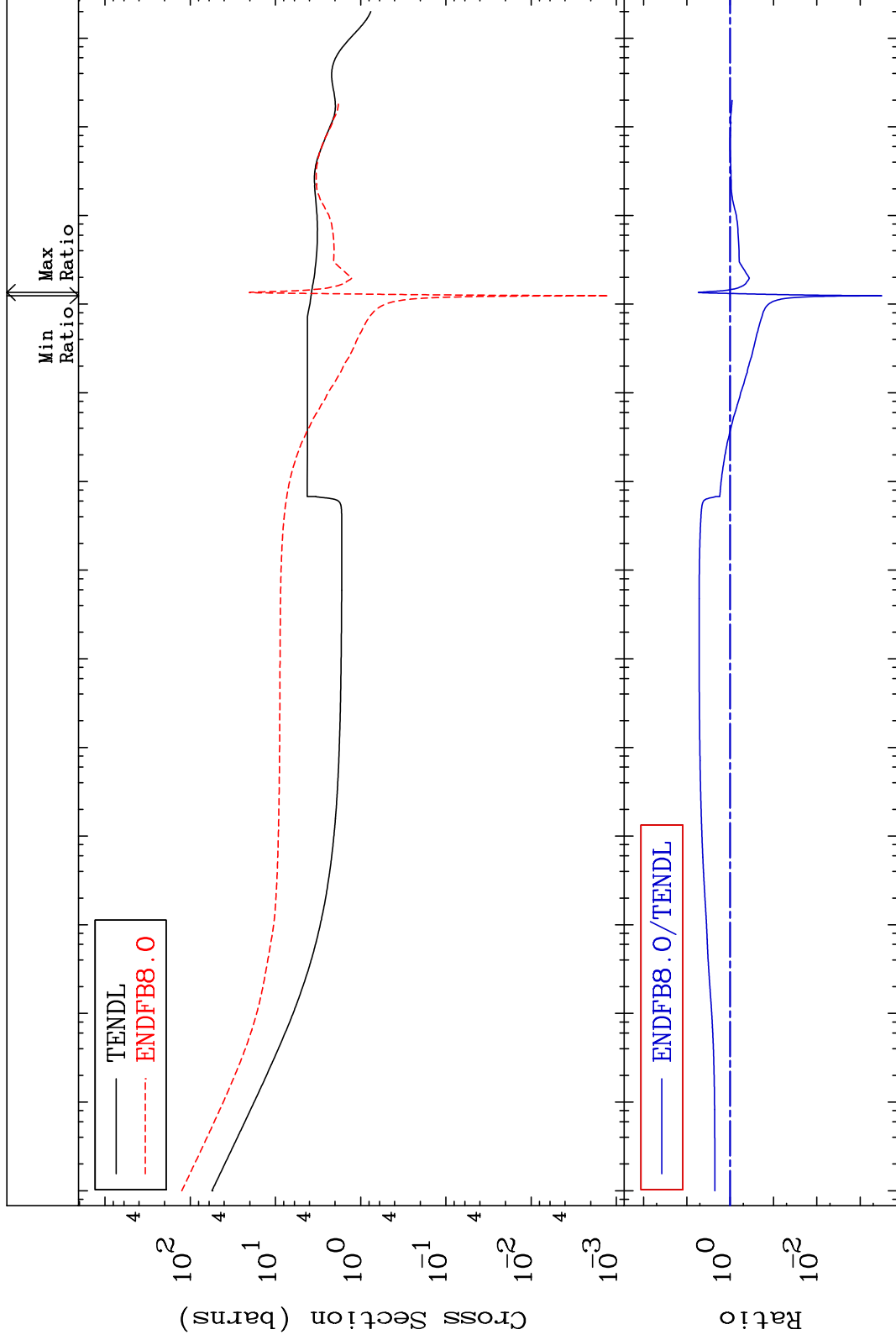
MAT 1831

Total

18-Ar-38

Cross Section

-99.97 To 443.0 %



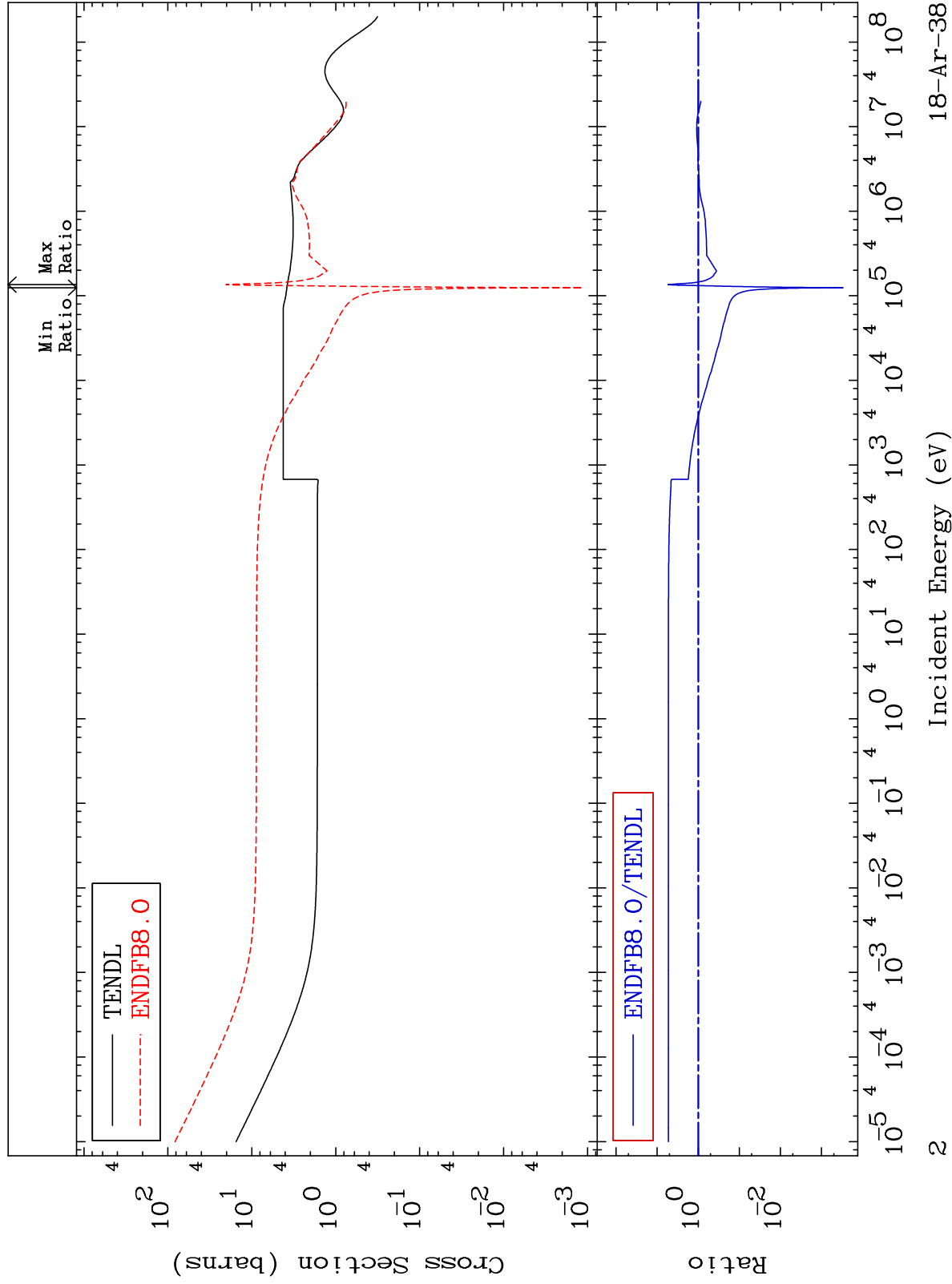
Incident Energy (eV)

18-Ar-38

MAT 1831

Elastic
Cross Section

18-Ar-38
-99.97 To 443.1 %



18-Ar-38

Incident Energy (eV)

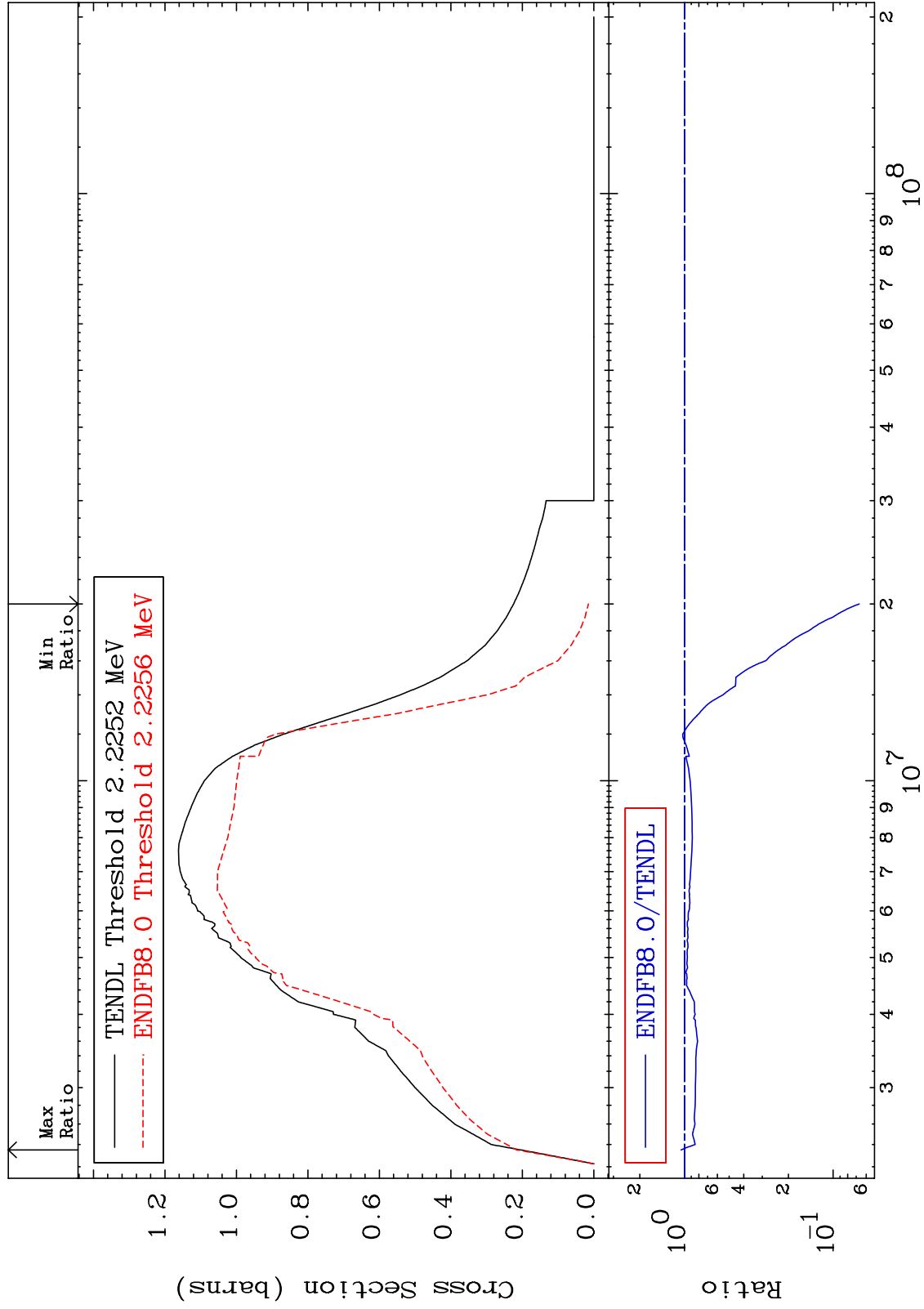
2

MAT 1831

Inelastic
Cross Section

18-Ar-38

-93.33 To 5.420 %



3

Incident Energy (eV)

18-Ar-38

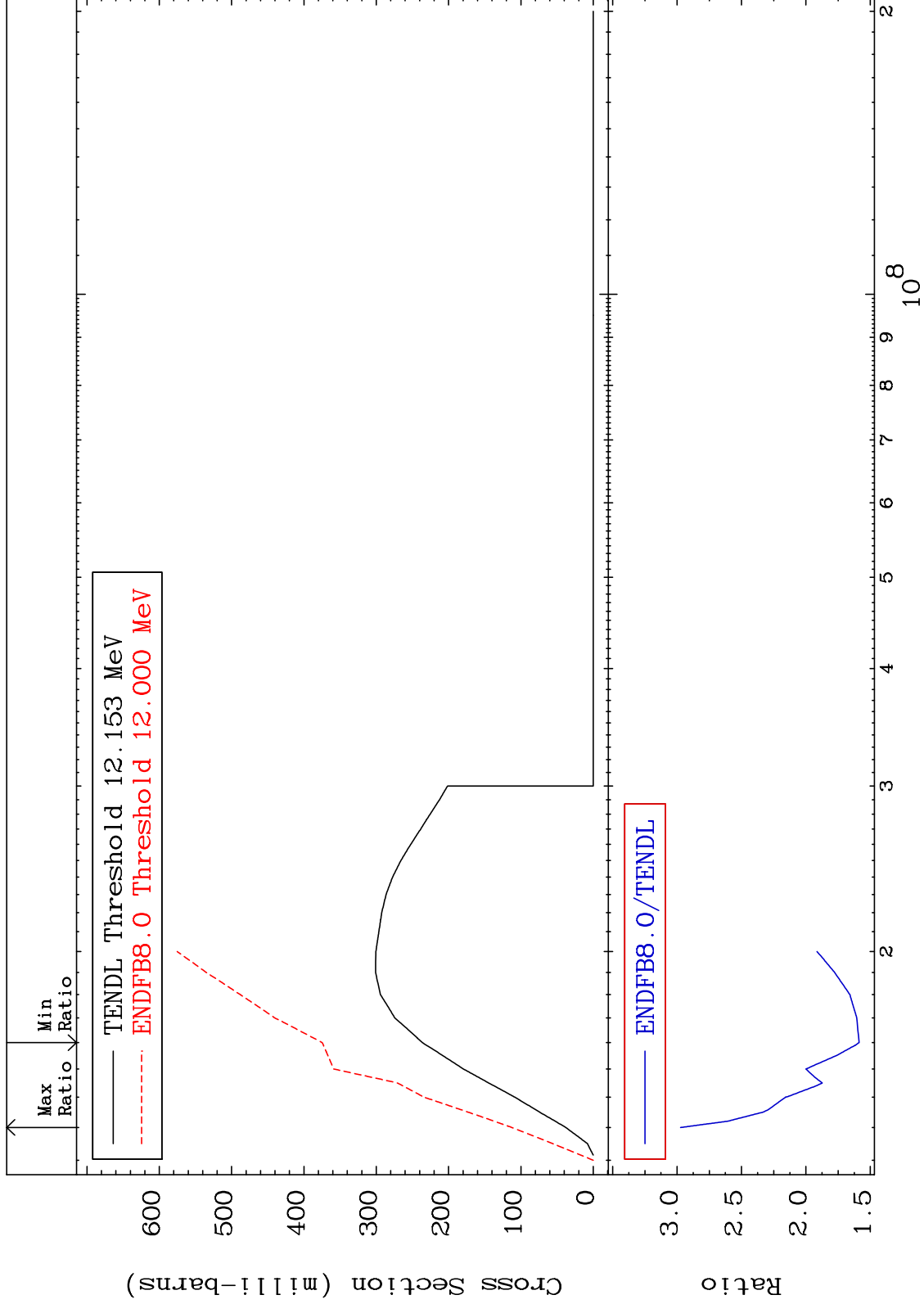
MAT 1831

(n,2n)

18-Ar-38

Cross Section

58.67 To 197.3 %



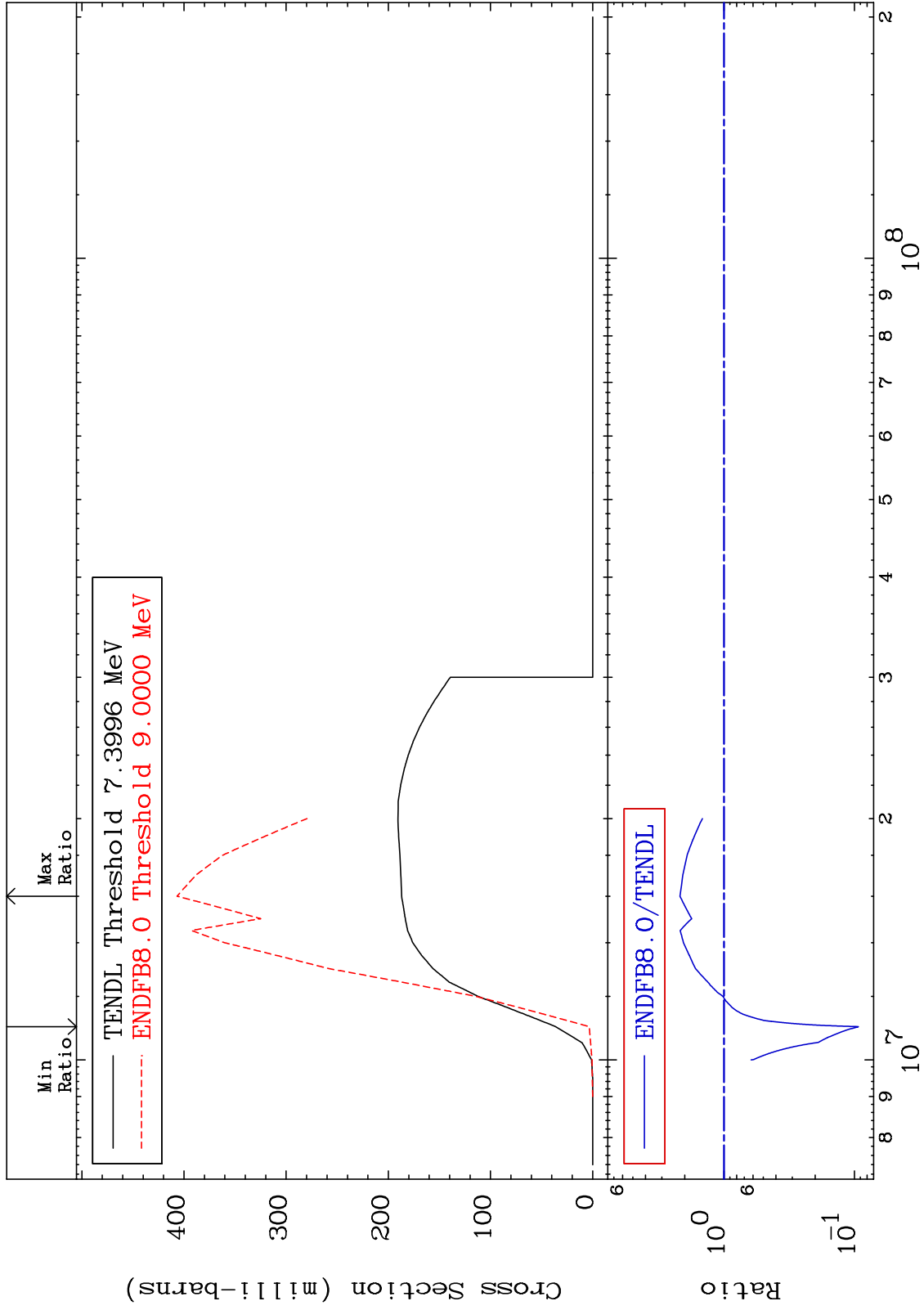
MAT 1831

(n,n') α

18-Ar-38

Cross Section

-90.69 To 117.5 %



5

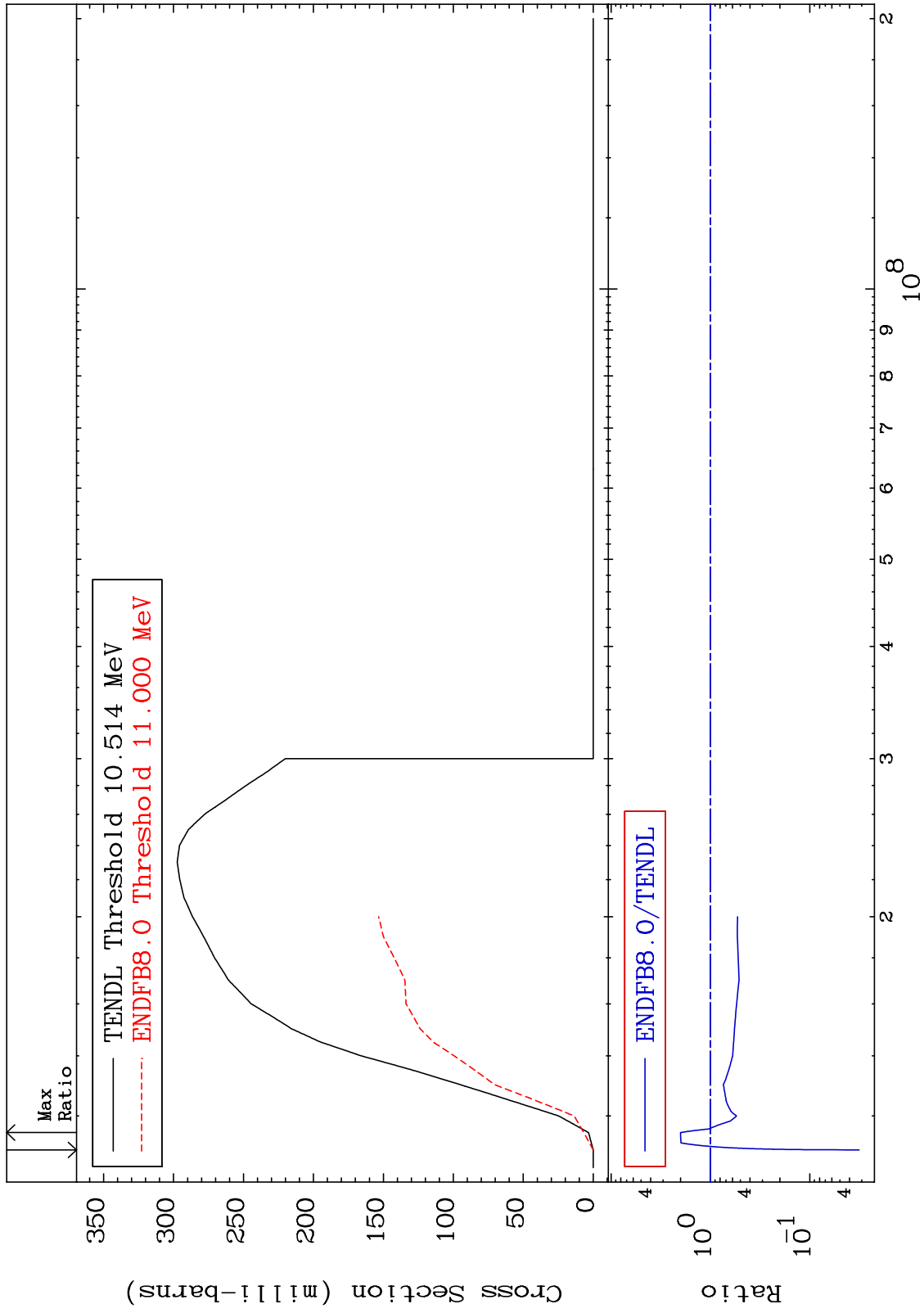
18-Ar-38

18-Ar-38

MAT 1831

(n,n') p
Cross Section

18-Ar-38
-96.81 To 100.1 %

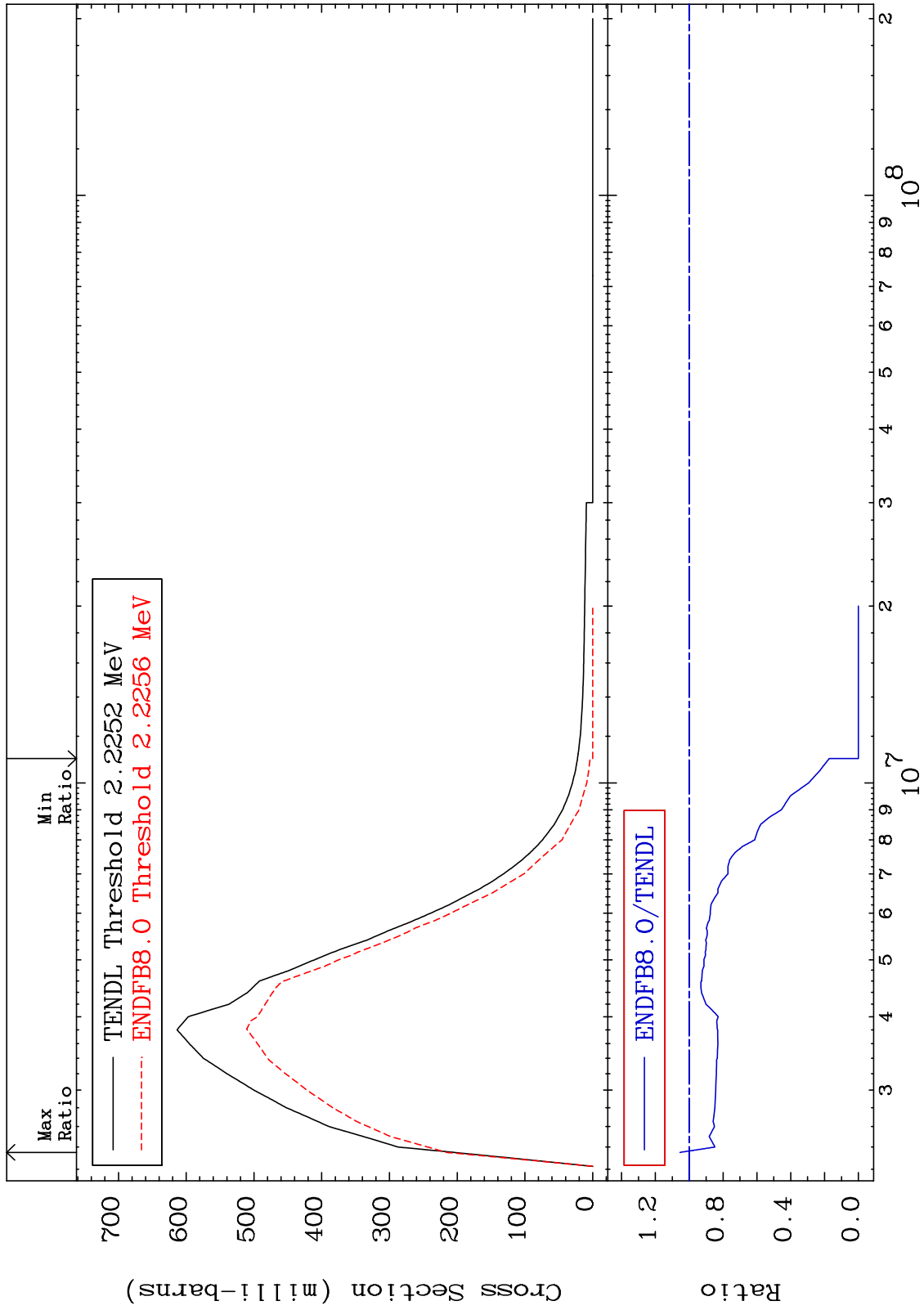


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Incident Energy (eV)

18-Ar-38

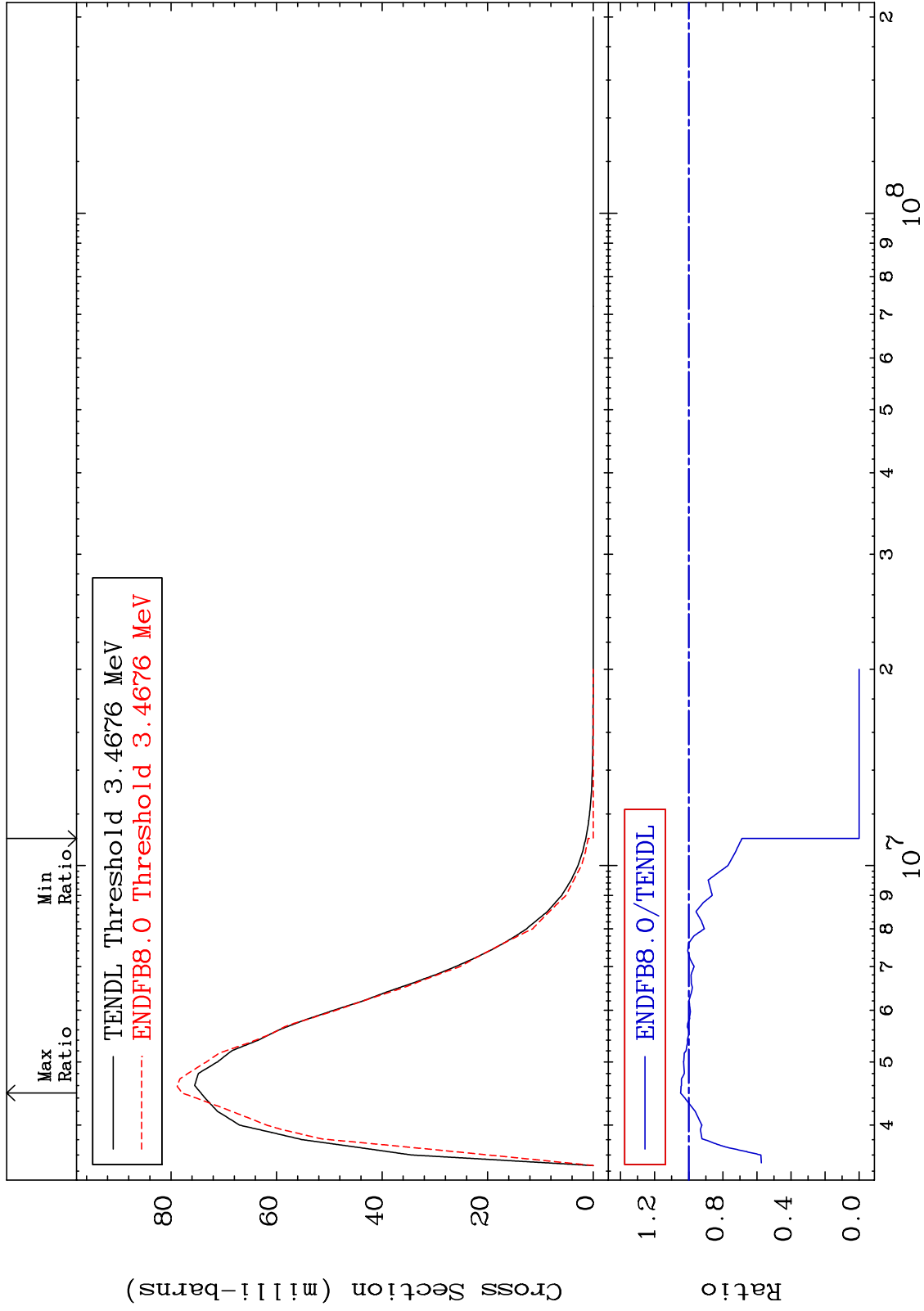
MAT 1831 MT= 51 (n,n') Level Cross Section 18-Ar-38
 -100.0 To 5.420 %



MAT 1831

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

18-Ar-38
-100.0 To 4.766 %



8

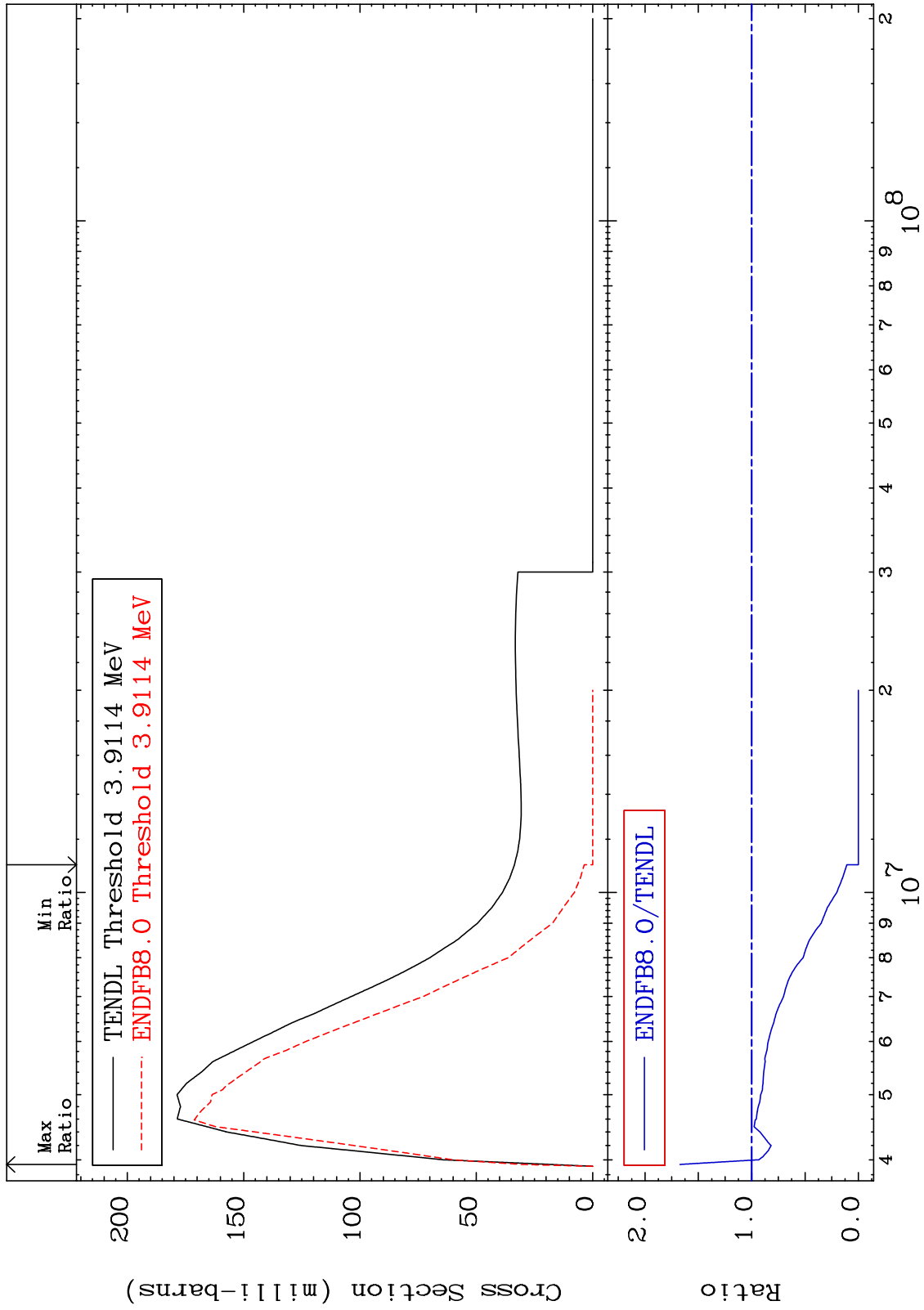
Incident Energy (eV)

18-Ar-38

MAT 1831

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

18-Ar-38
-100.0 To 67.18 %



9

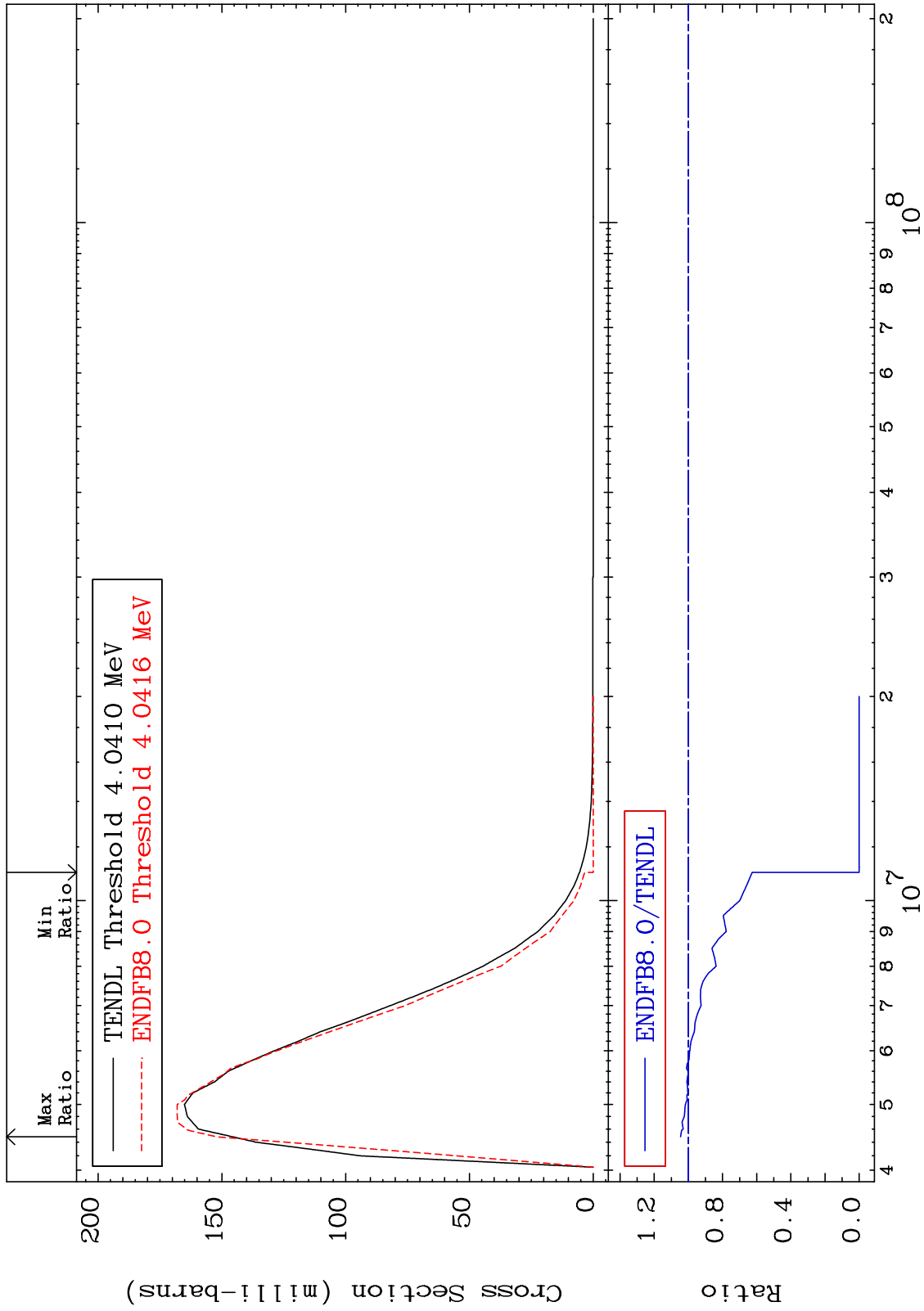
Incident Energy (eV)

18-Ar-38

MAT 1831

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

18-Ar-38
-100.0 To 4.551 %



10

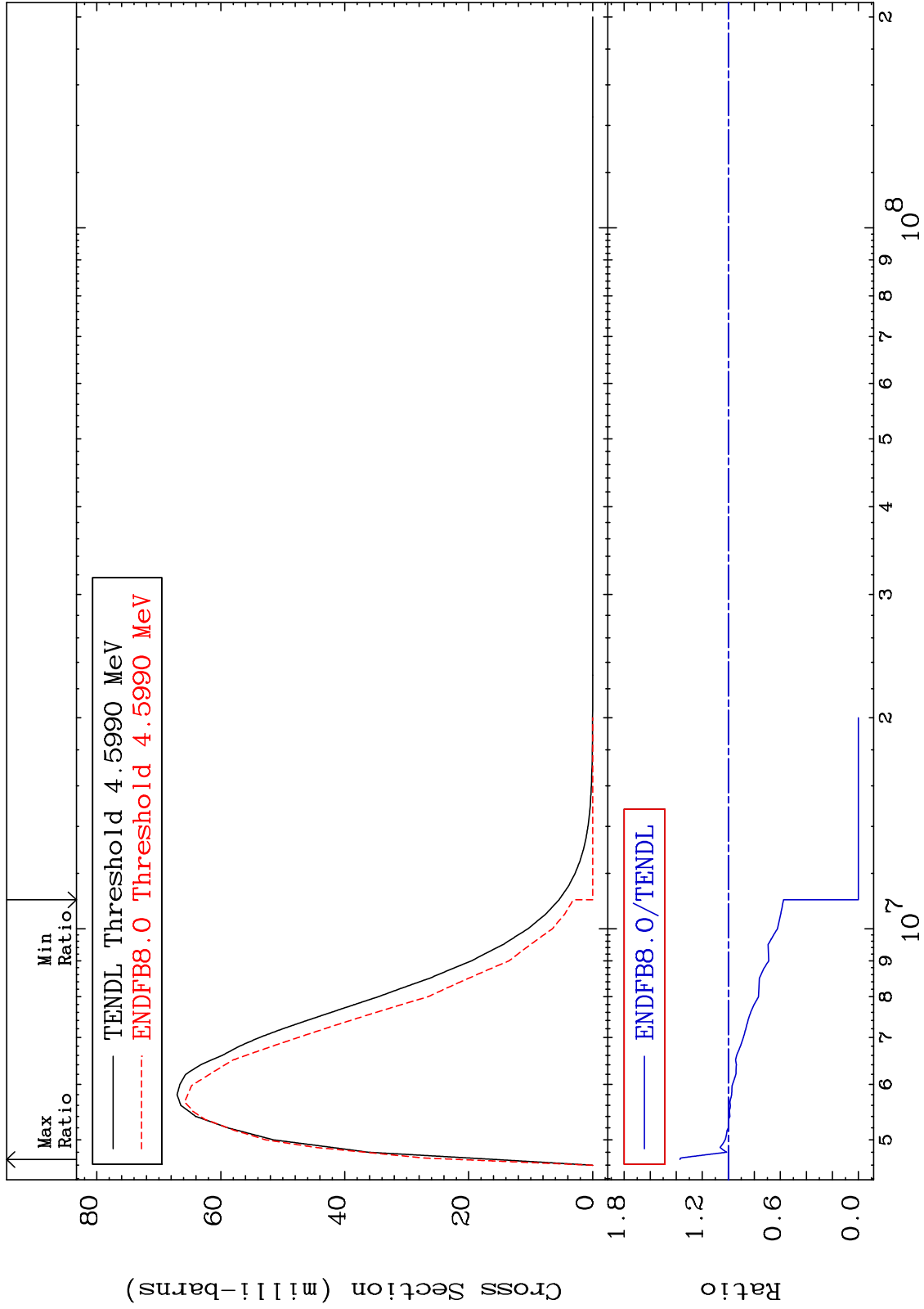
Incident Energy (eV)

18-Ar-38

MAT 1831

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

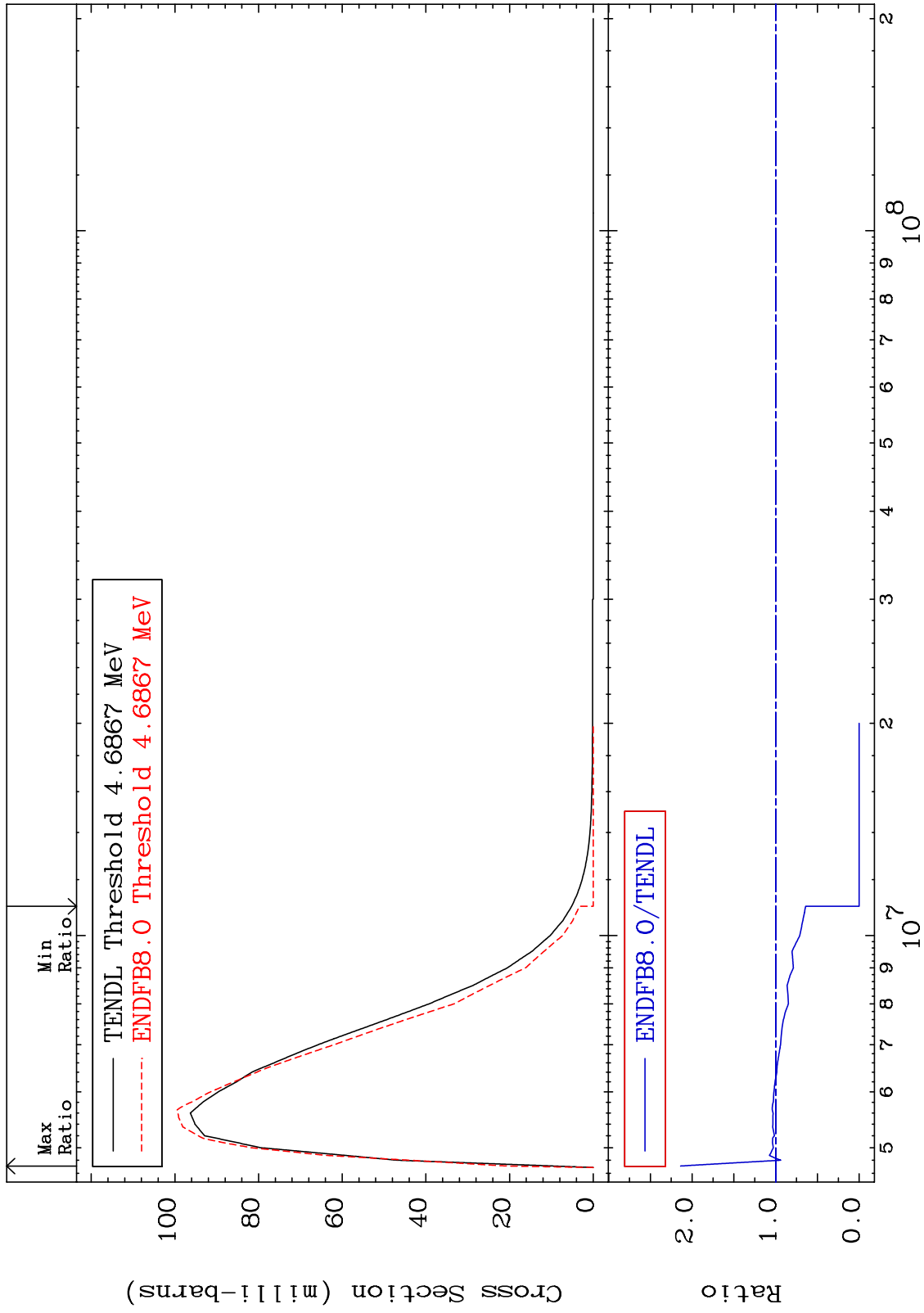
18-Ar-38
-100.0 To 37.09 %



MAT 1831

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

18-Ar-38
-100.0 To 113.8 %



12

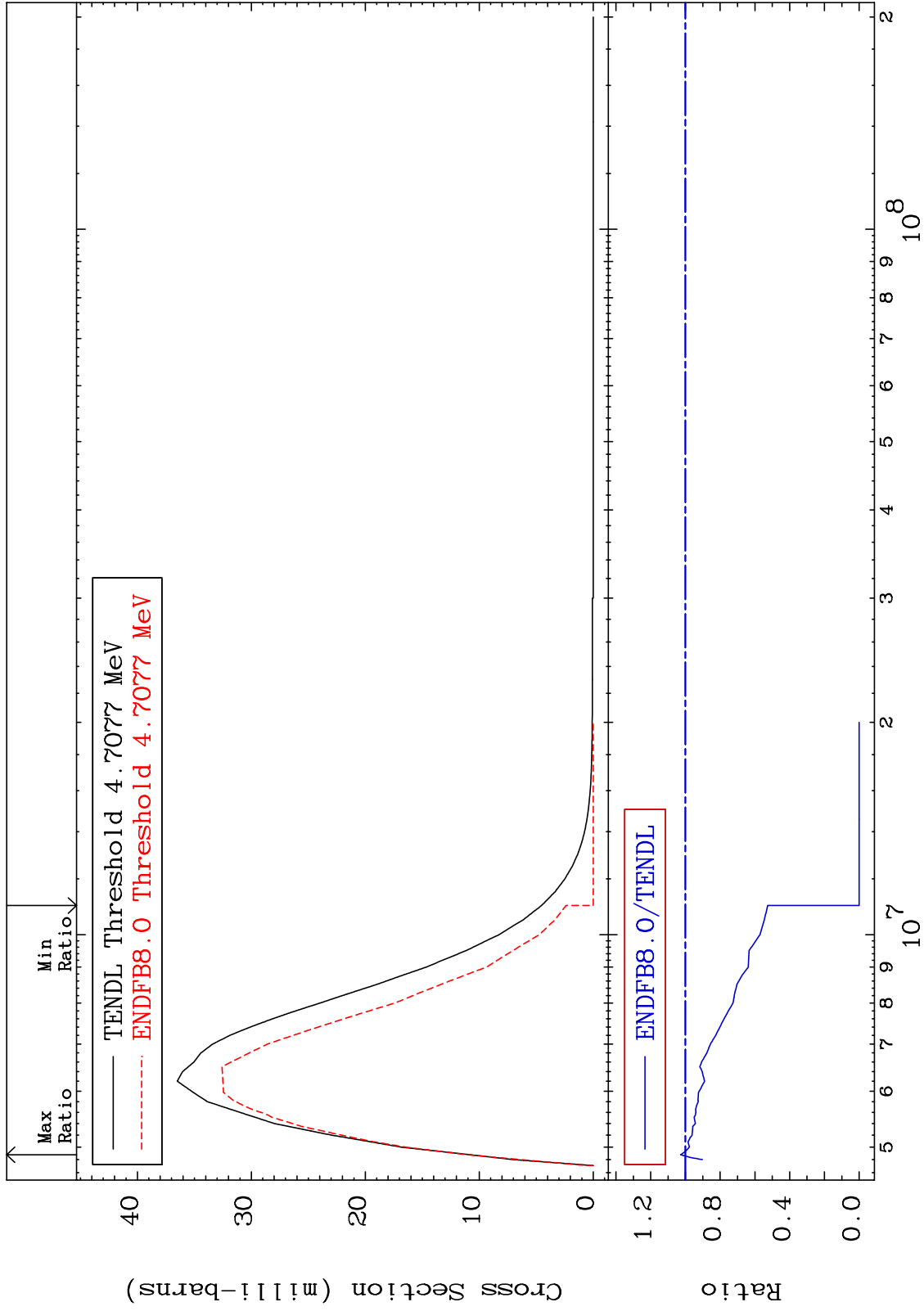
Incident Energy (eV)

18-Ar-38

MAT 1831

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

18-Ar-38
-100.0 To 2.761 %



13

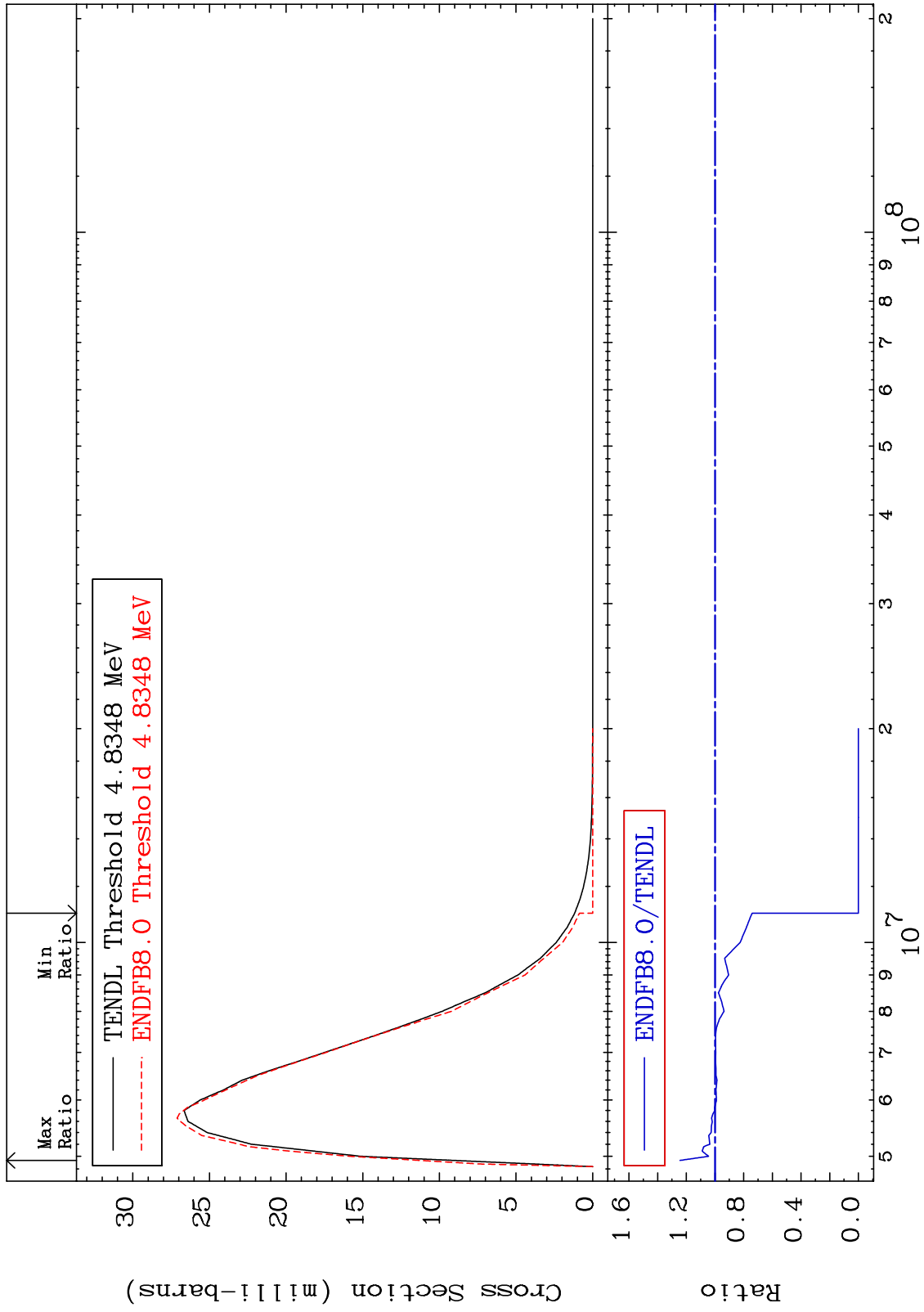
Incident Energy (eV)

18-Ar-38

MAT 1831

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

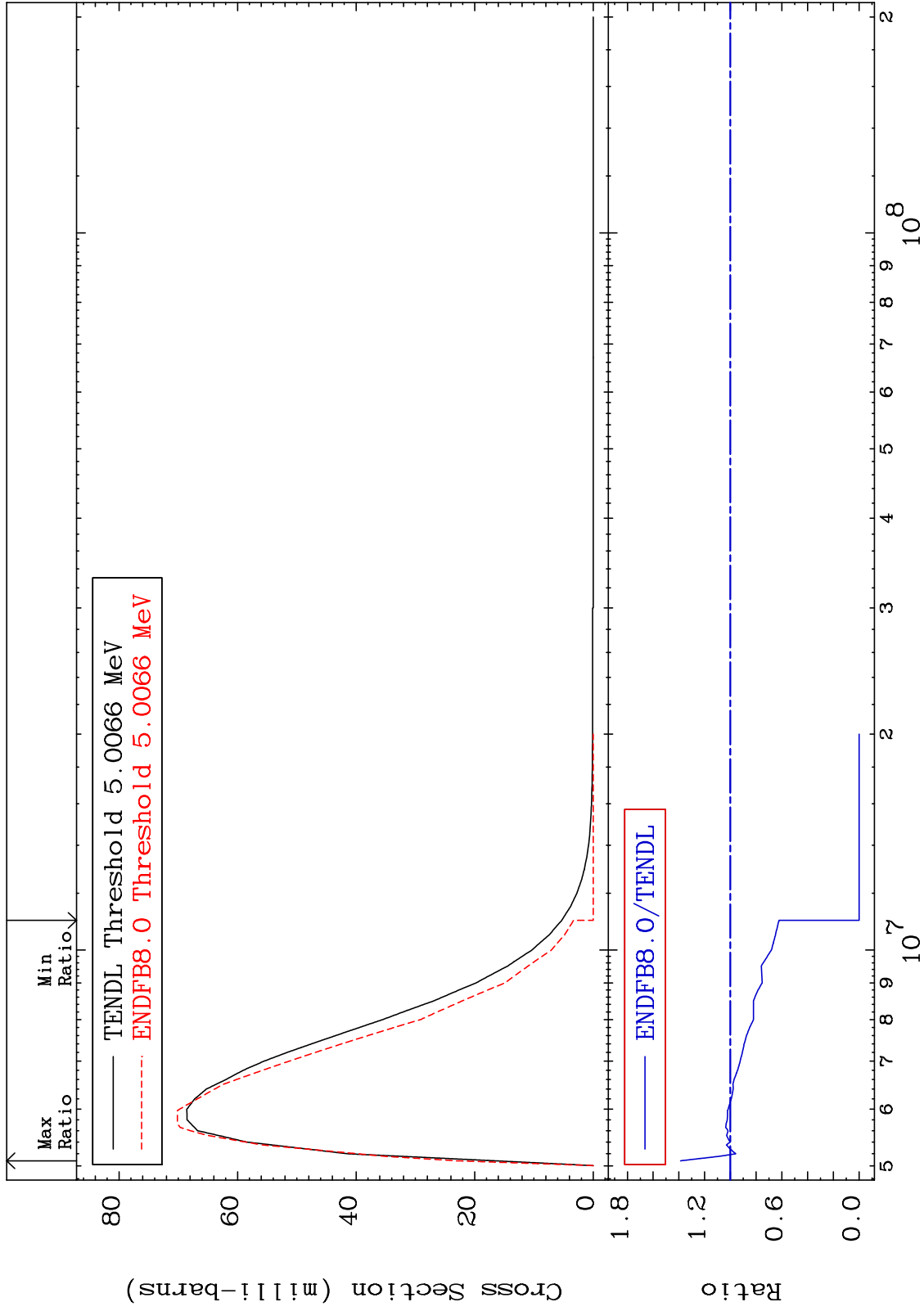
18-Ar-38
-100.0 To 24.38 %



MAT 1831

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

18-Ar-38
-100.0 To 38.67 %



15

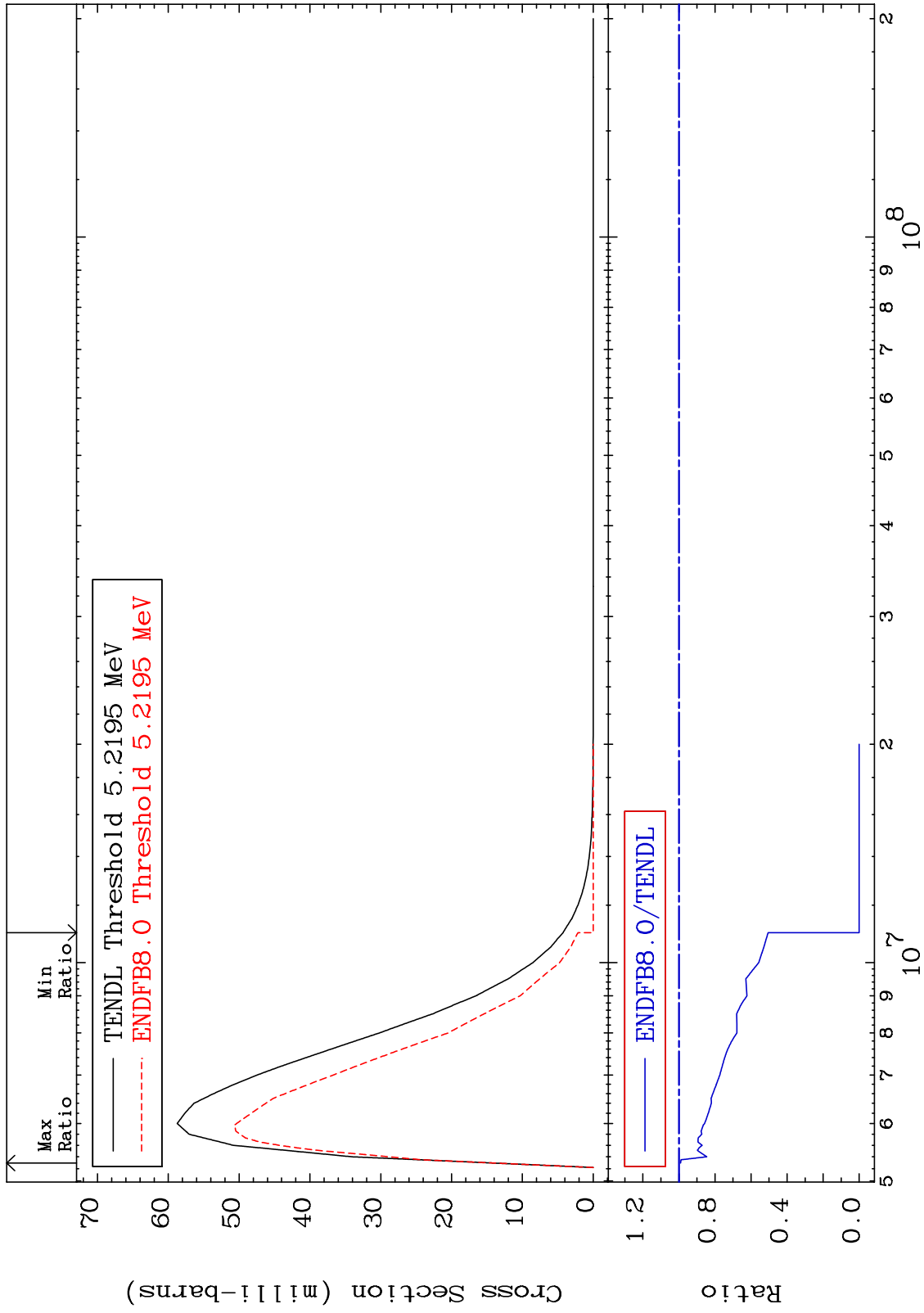
Incident Energy (eV)

18-Ar-38

MAT 1831

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

18-Ar-38
-100.0 To -0.939%



16

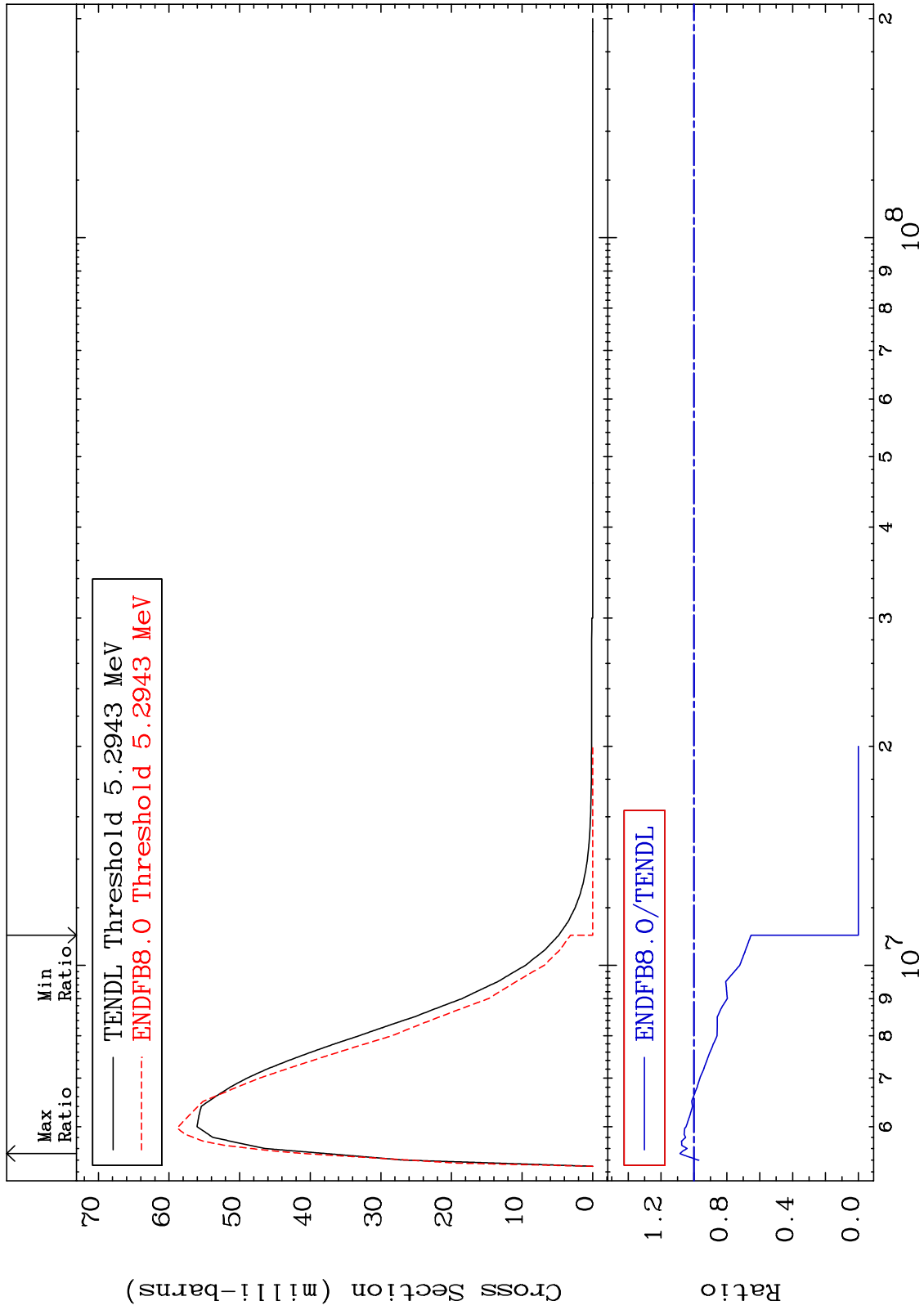
18-Ar-38

18-Ar-38

MAT 1831

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

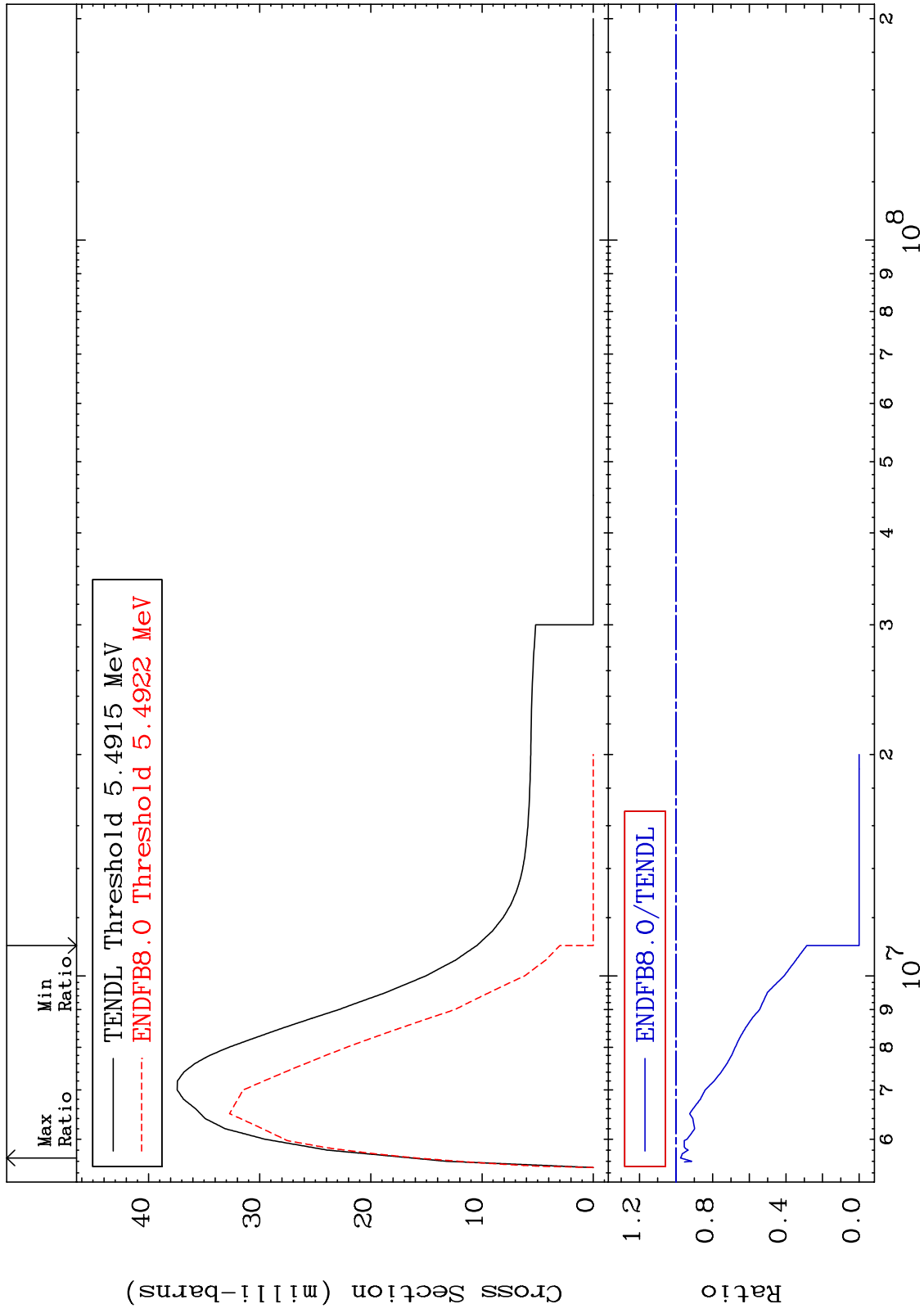
18-Ar-38
-100.0 To 8.467 %



MAT 1831

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

18-Ar-38
-100.0 To -2.496%



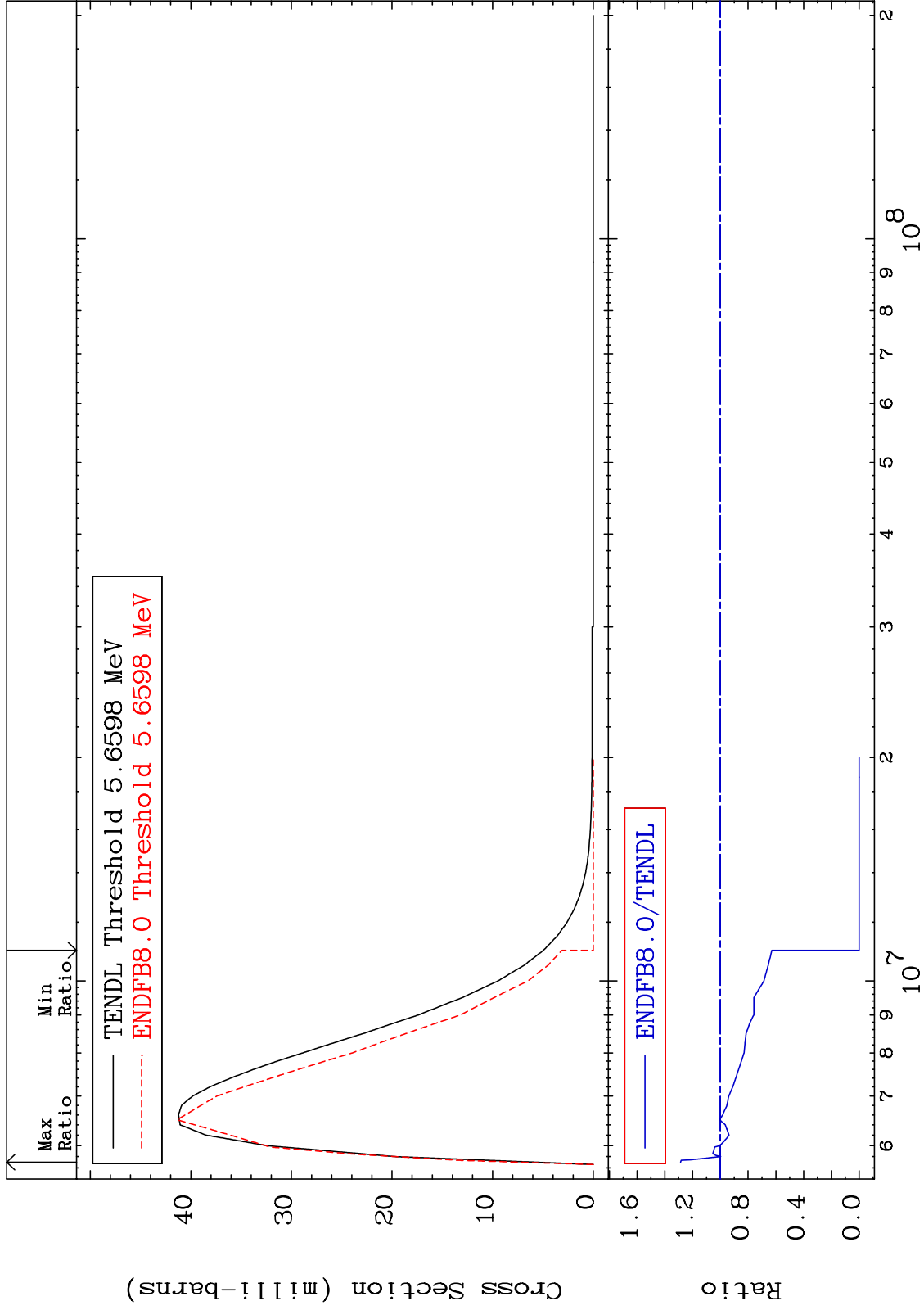
18

18-Ar-38

MAT 1831

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

18-Ar-38
-100.0 To 28.61 %



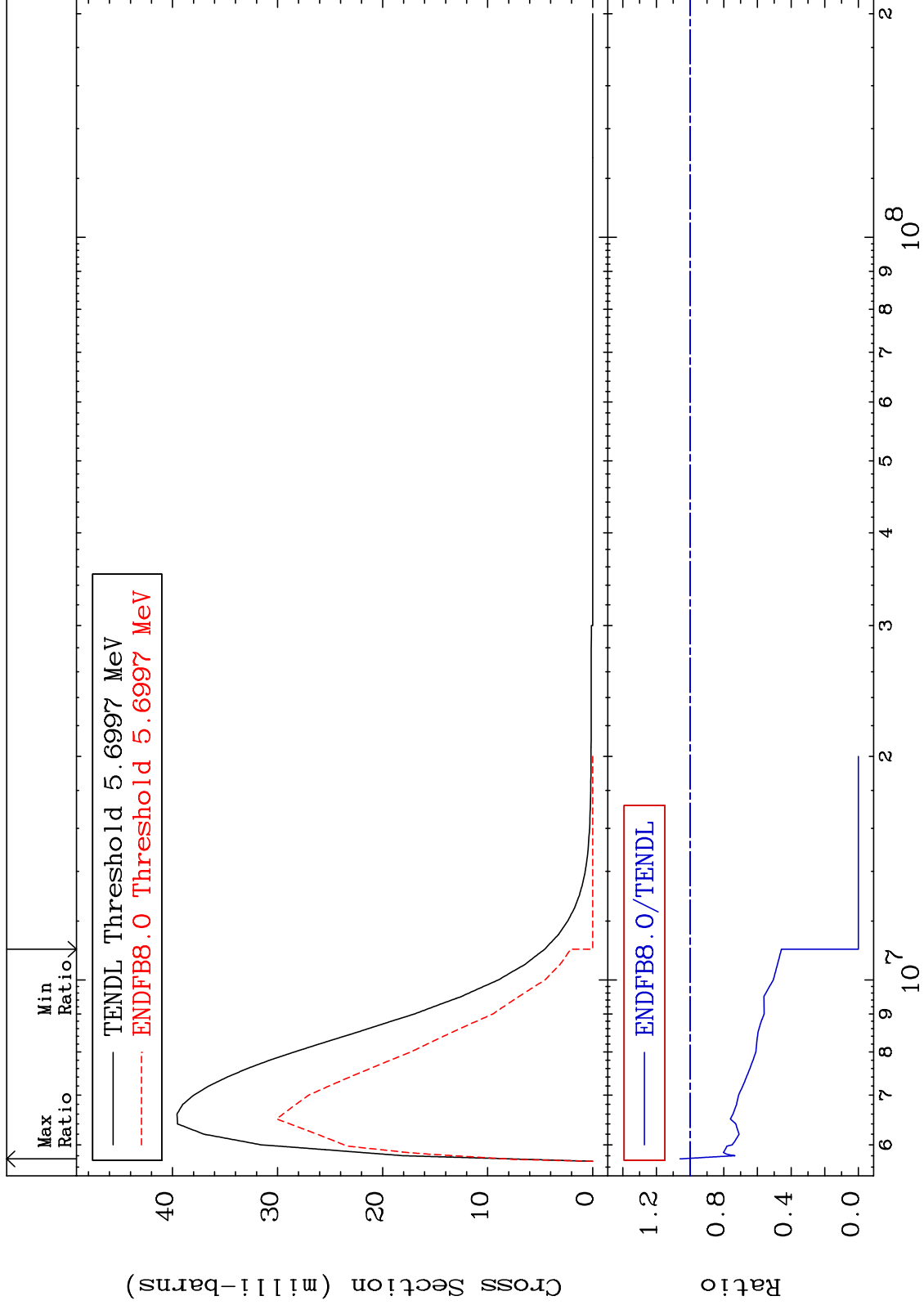
19

18-Ar-38

MAT 1831

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

18-Ar-38
-100.0 To 5.978 %



20

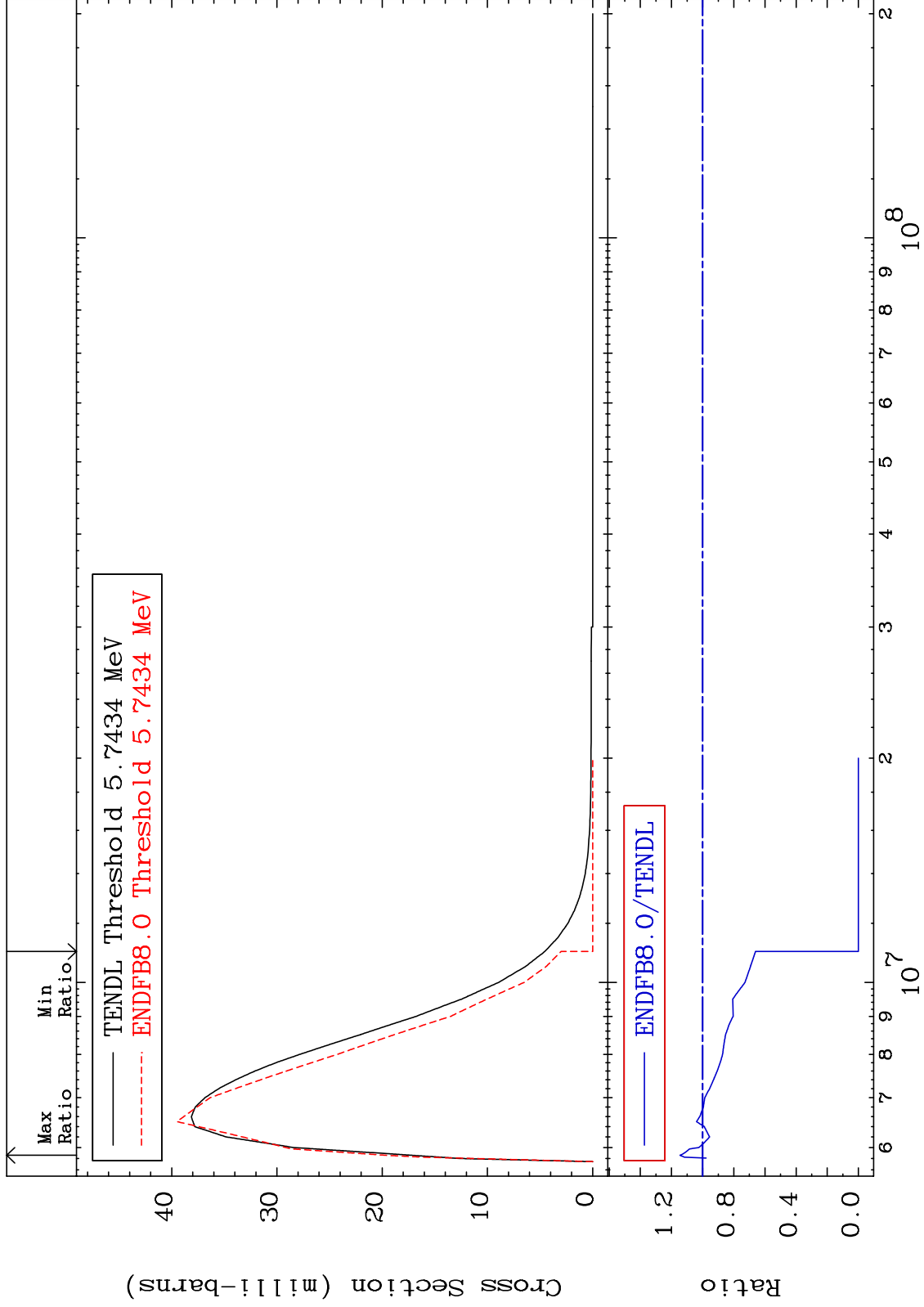
18-Ar-38

18-Ar-38

MAT 1831

MT= 65 (n,n') Level
Cross Section

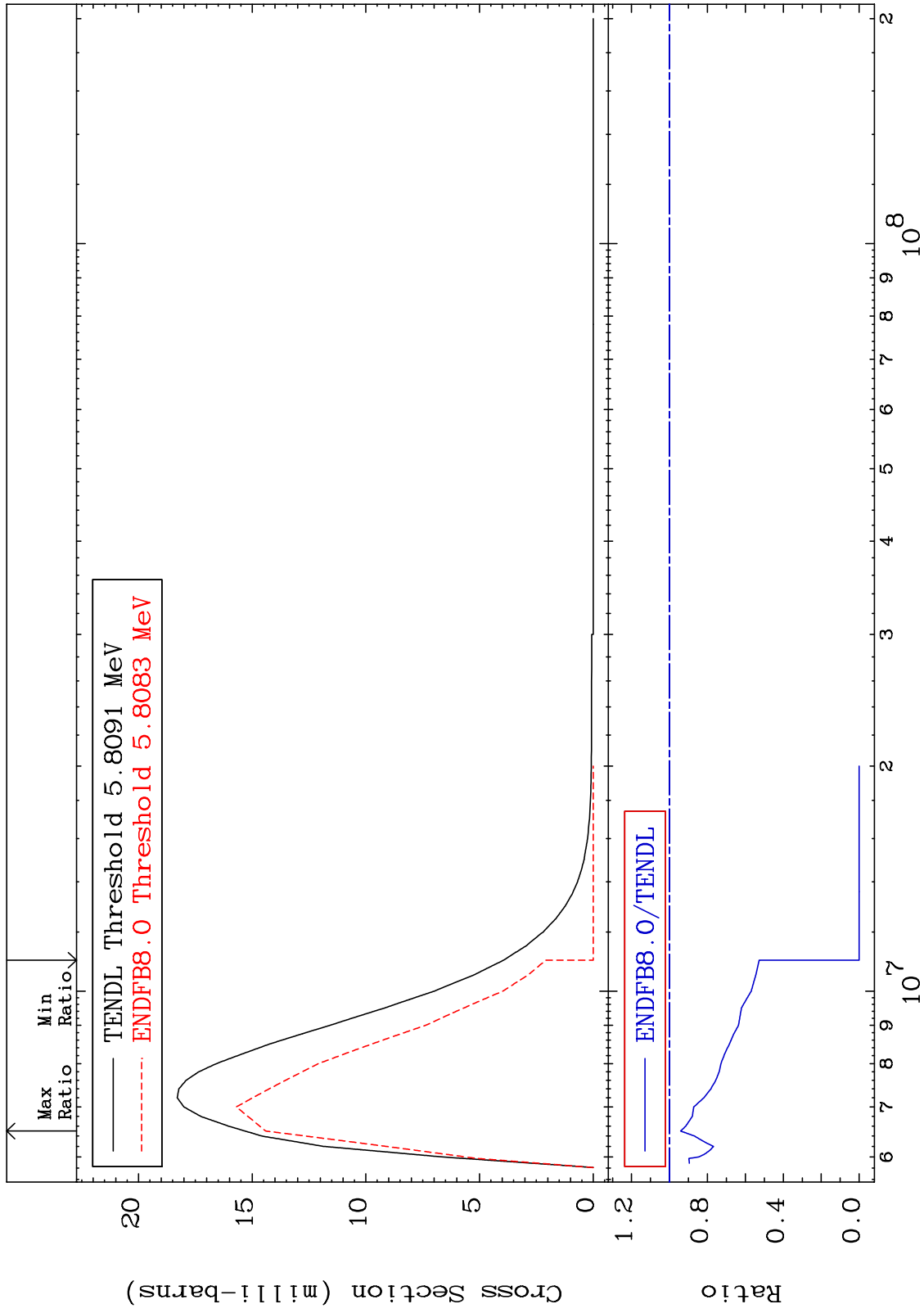
18-Ar-38
-100.0 To 14.54 %



MAT 1831

MT= 66 (n,n') Level
Cross Section

18-Ar-38
-100.0 To -5.877%



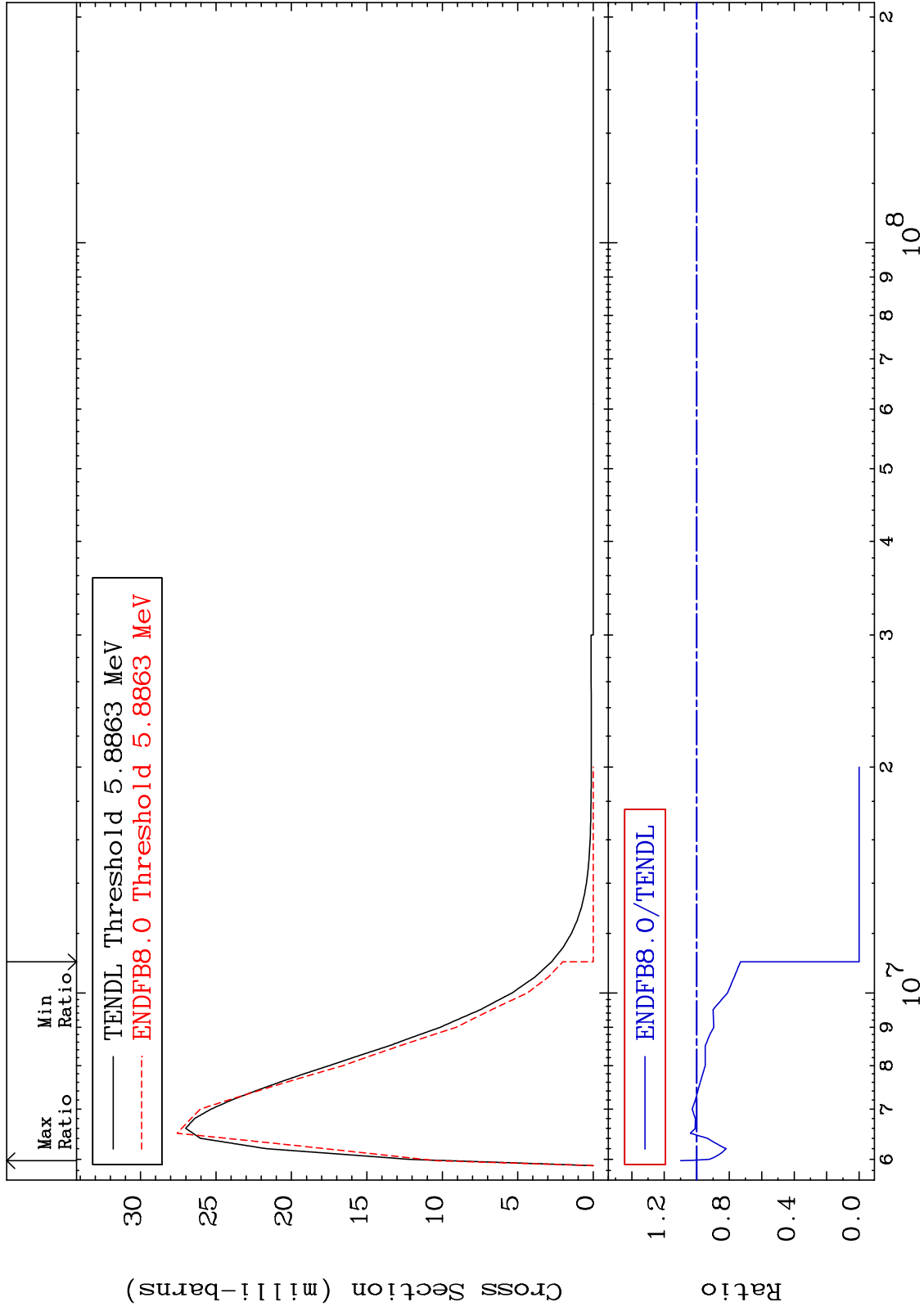
22

18-Ar-38

MAT 1831

MT= 67 (n,n') Level
Cross Section

18-Ar-38
-100.0 To 9.935 %



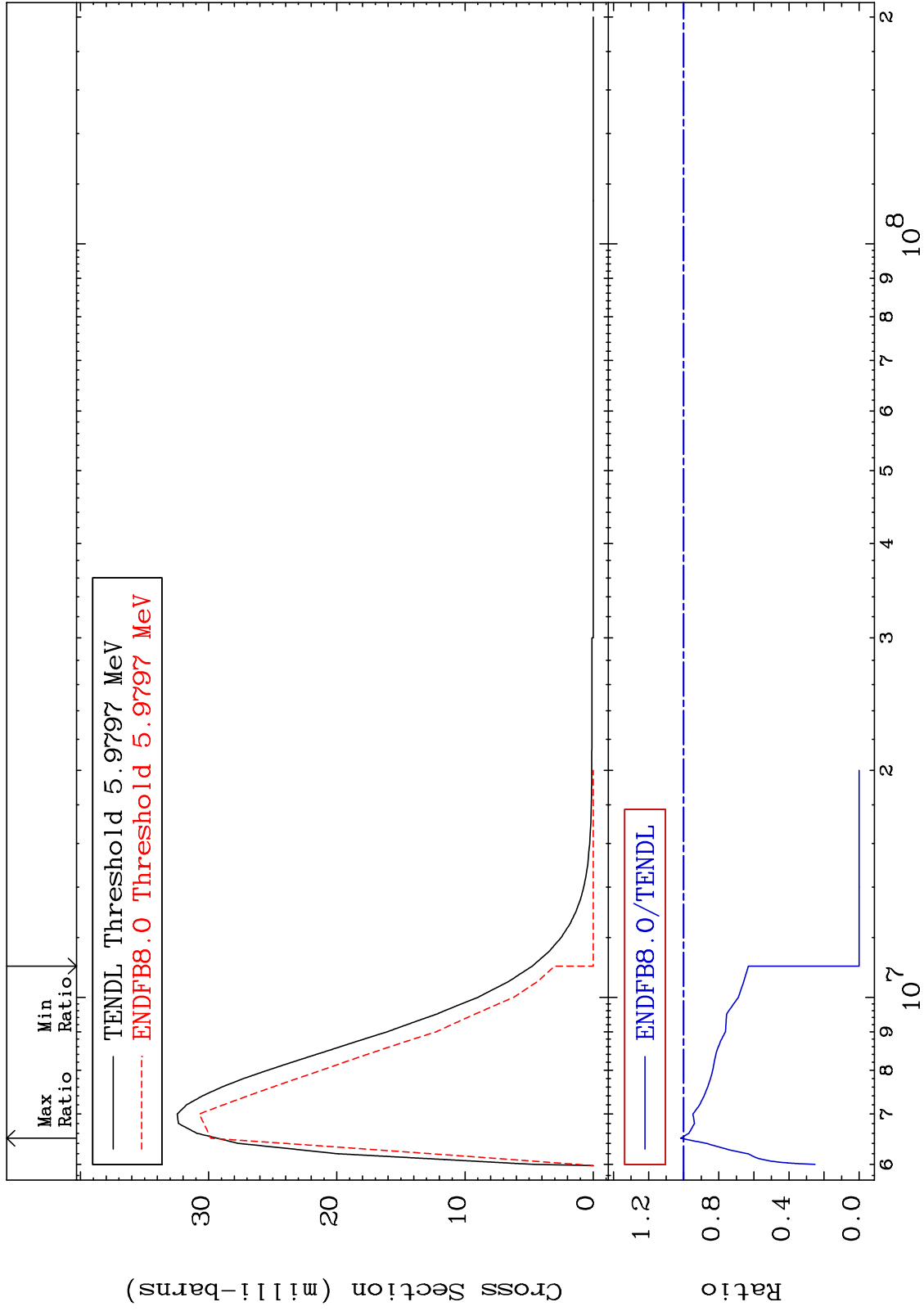
23

18-Ar-38

MAT 1831

MT= 68 (n,n') Level
Cross Section

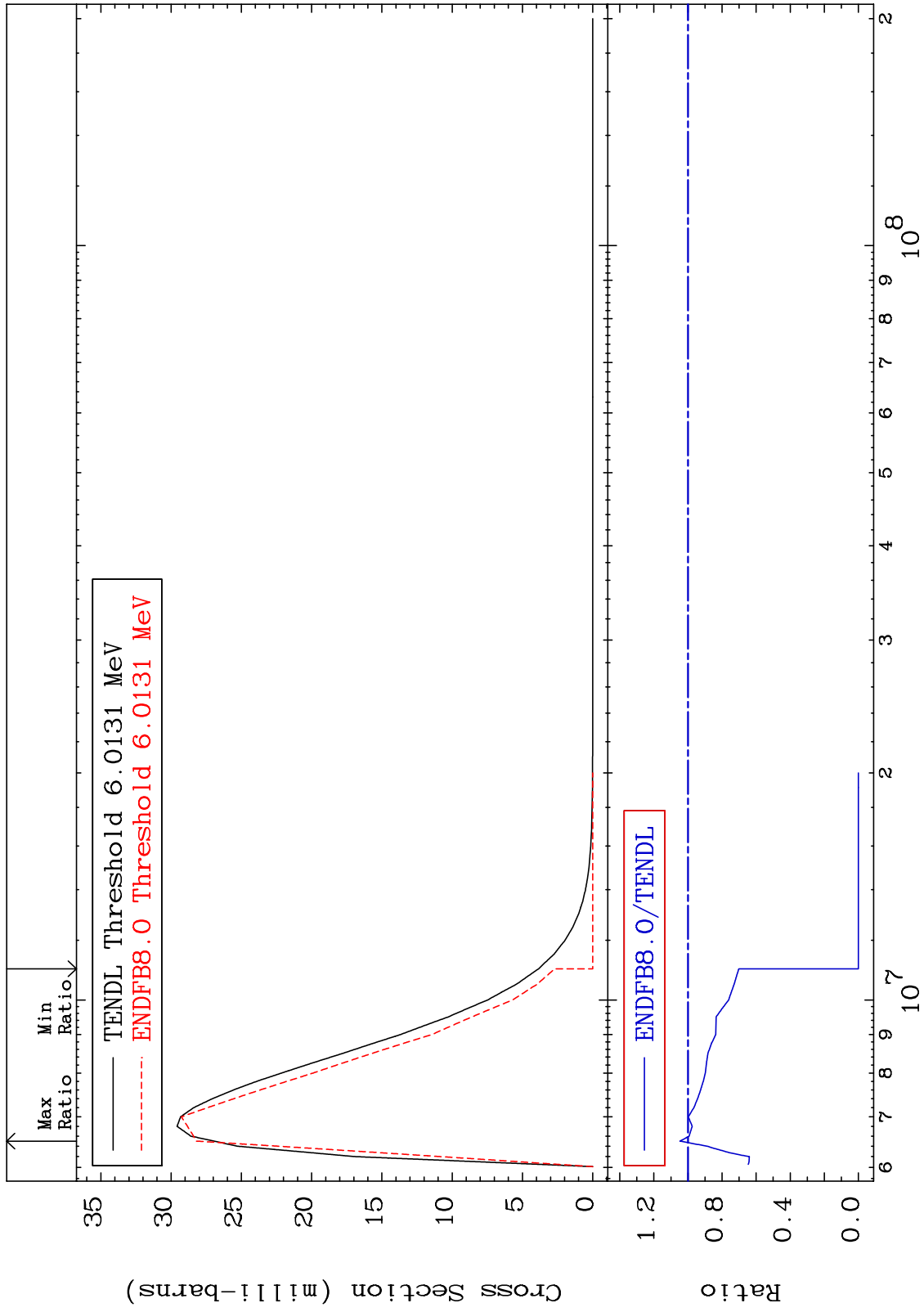
18-Ar-38
-100.0 To 1.748 %



MAT 1831

MT= 69 (n,n') Level
Cross Section

18-Ar-38
-100.0 To 4.651 %



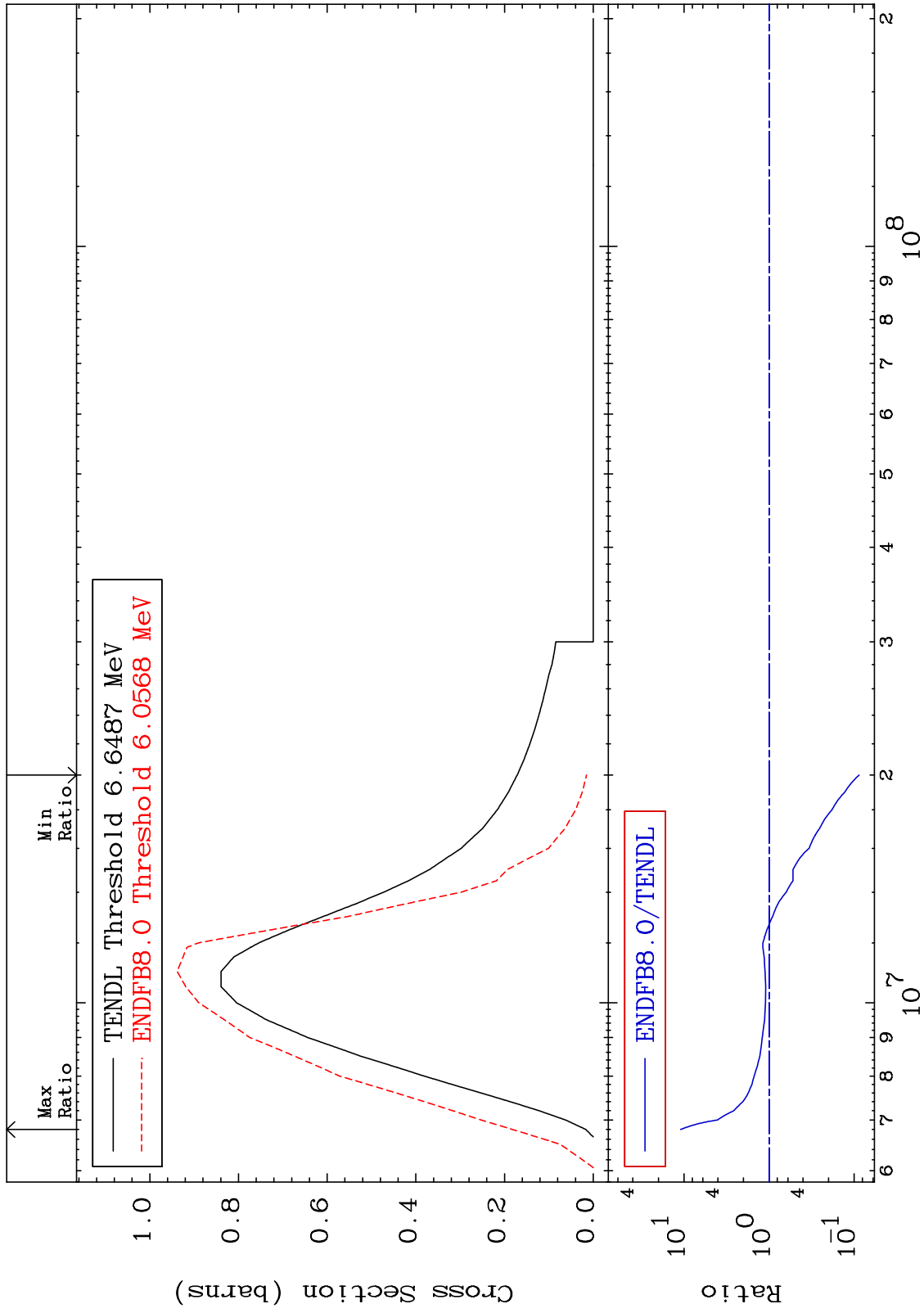
25

18-Ar-38

MAT 1831

(n,n') Continuum
Cross Section

18-Ar-38
-91.27 To 996.9 %



26

Incident Energy (eV)

18-Ar-38

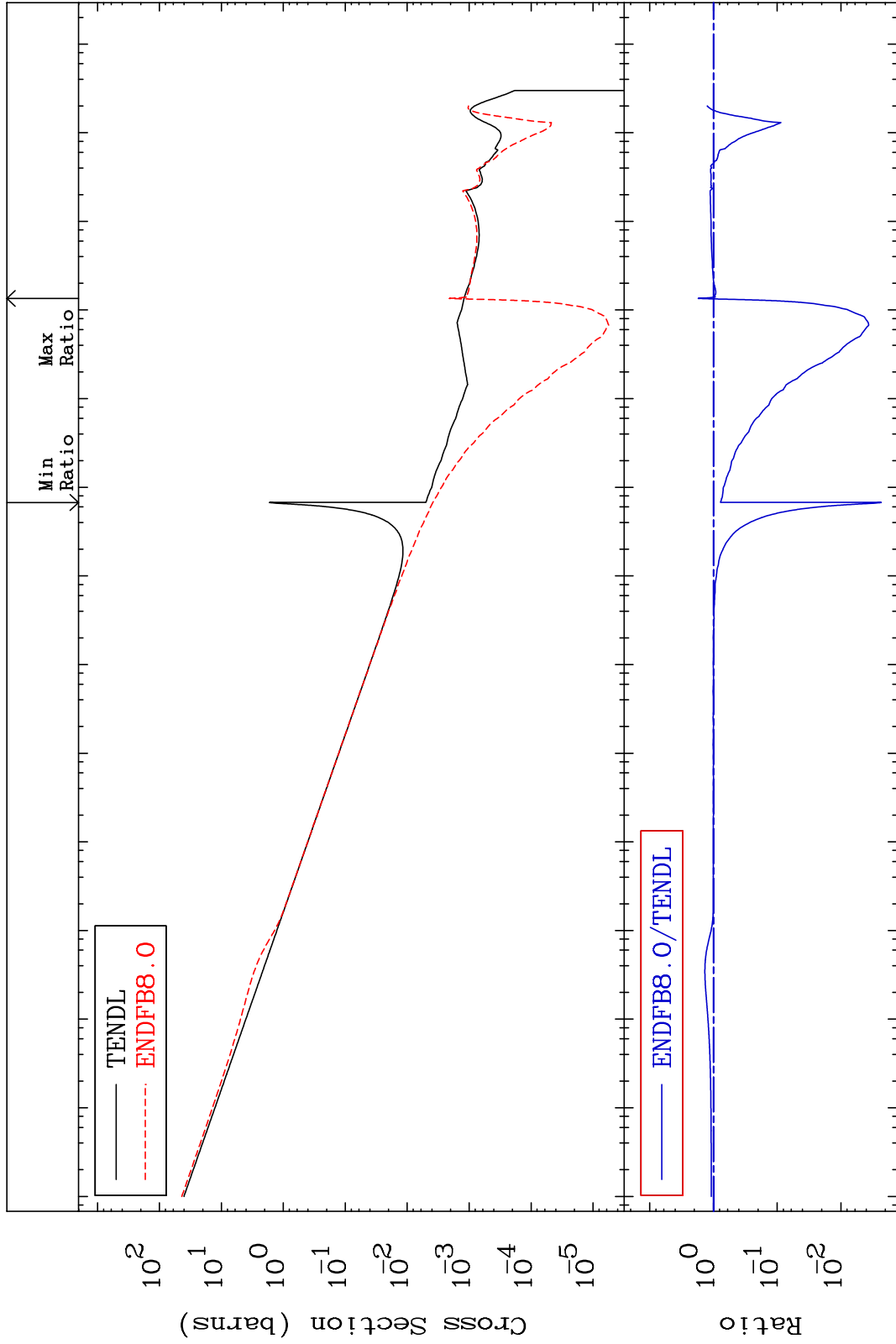
MAT 1831

(n, γ)

18-Ar-38

Cross Section

-99.77 To 72.67 %



Incident Energy (eV)

27

18-Ar-38

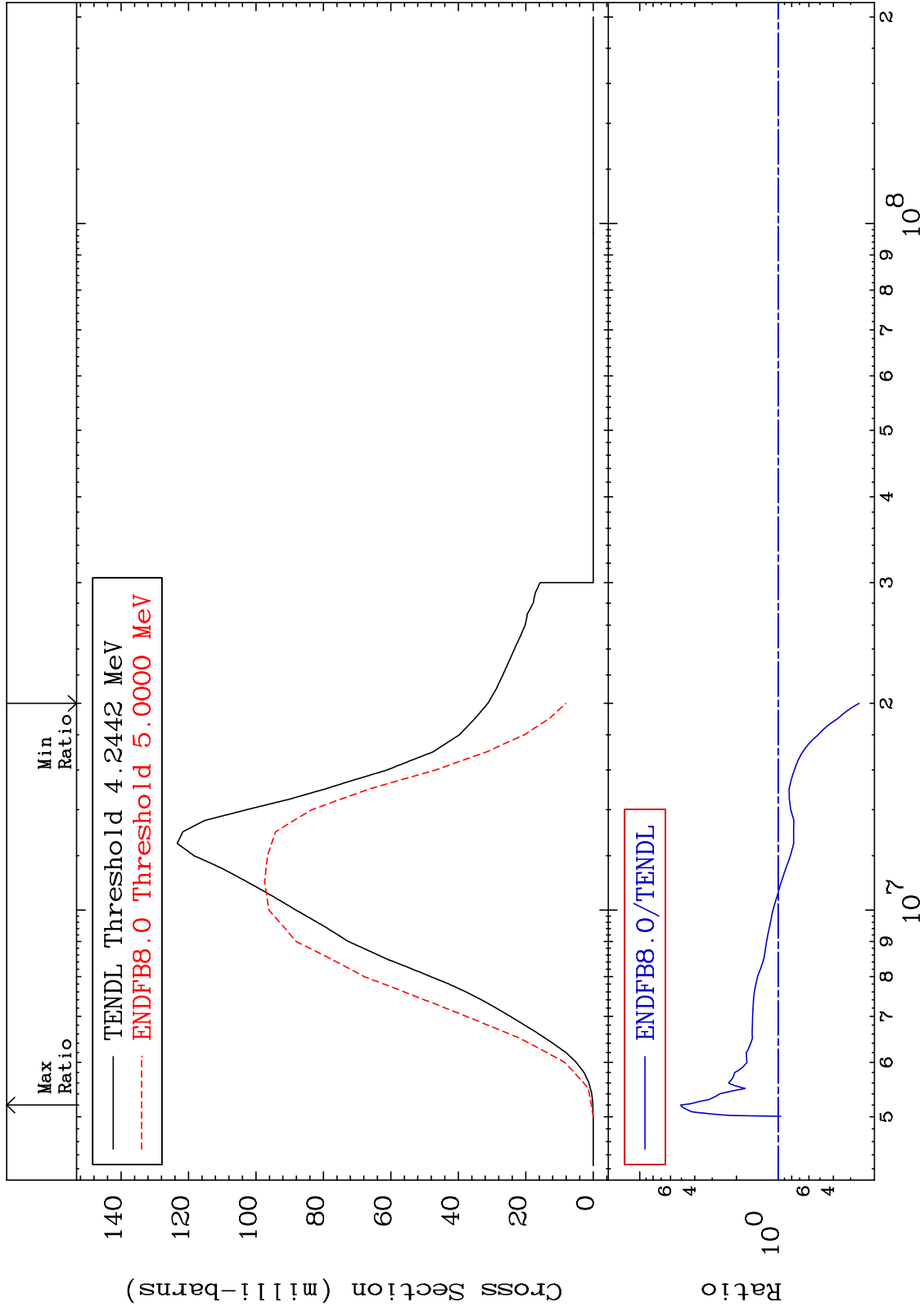
MAT 1831

(n,p)

18-Ar-38

Cross Section

-73.99 To 406.4 %



28

18-Ar-38

18-Ar-38

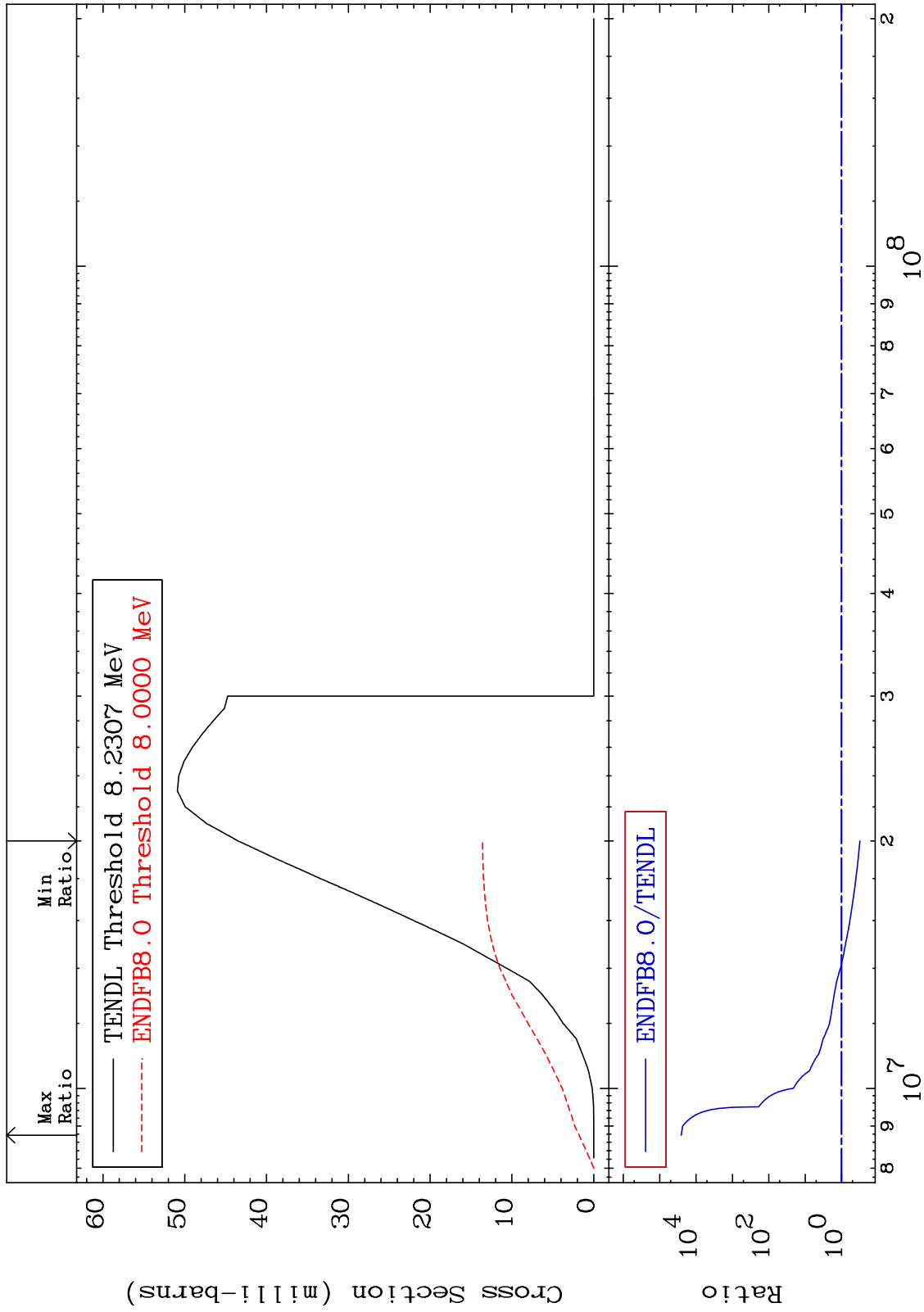
MAT 1831

(n,d)

18-Ar-38

Cross Section

-68.74 To 9999. %



29

Incident Energy (eV)

18-Ar-38

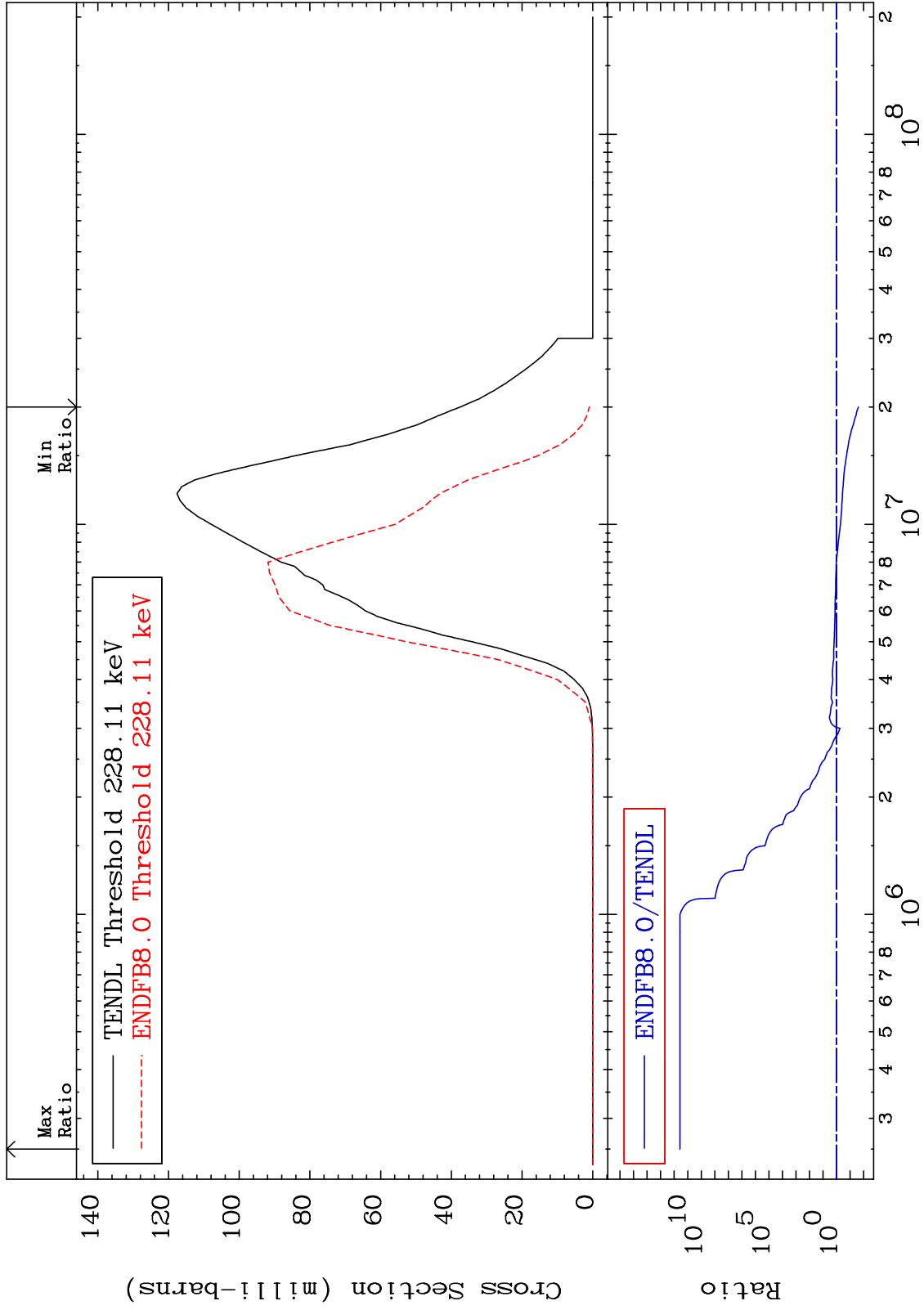
MAT 1831

(n, α)

18-Ar-38

Cross Section

-97.54 To 9999. %



30

Incident Energy (eV)

18-Ar-38

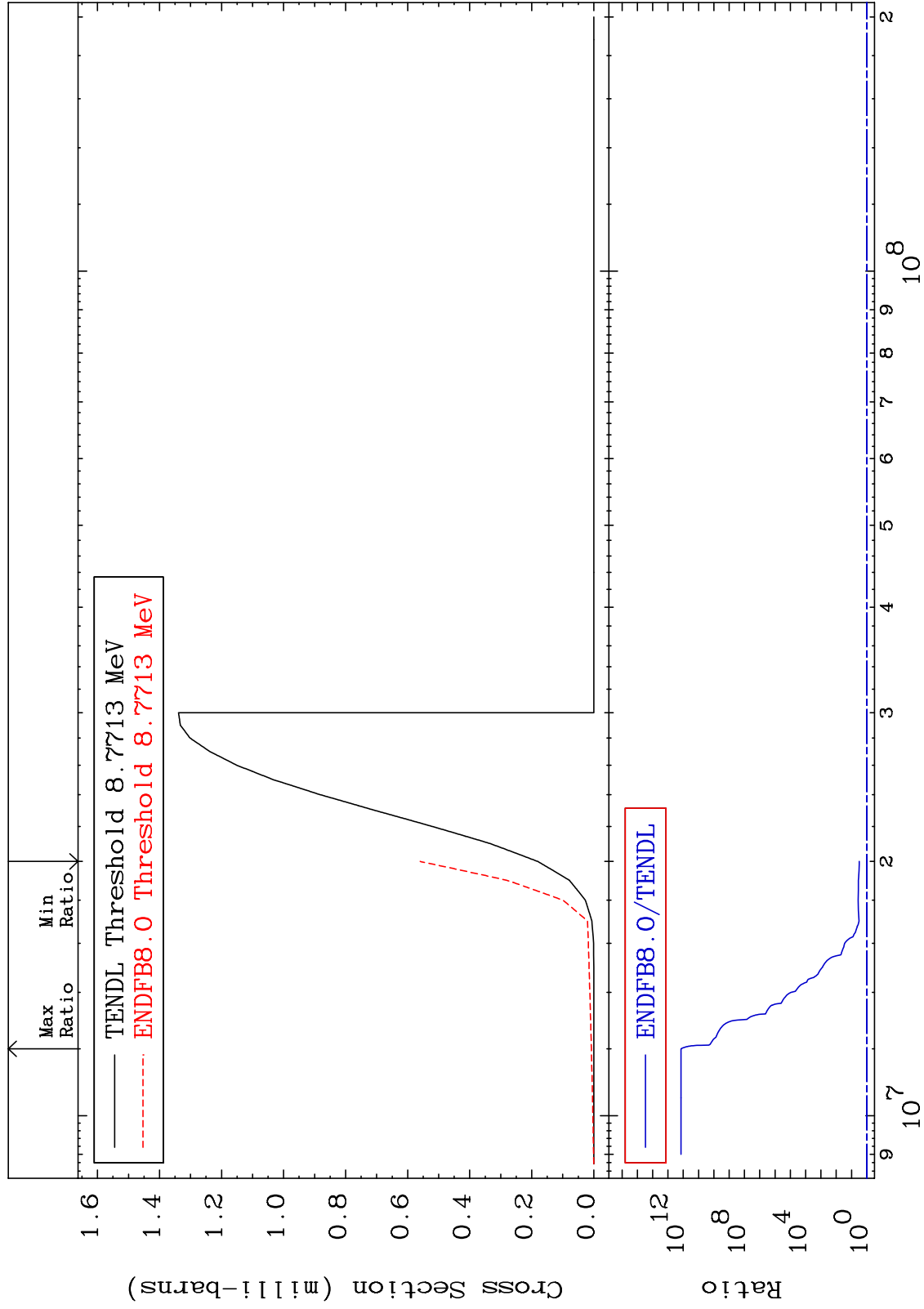
MAT 1831

(n,2α)

18-Ar-38

Cross Section

209.9 To 9999. %



31

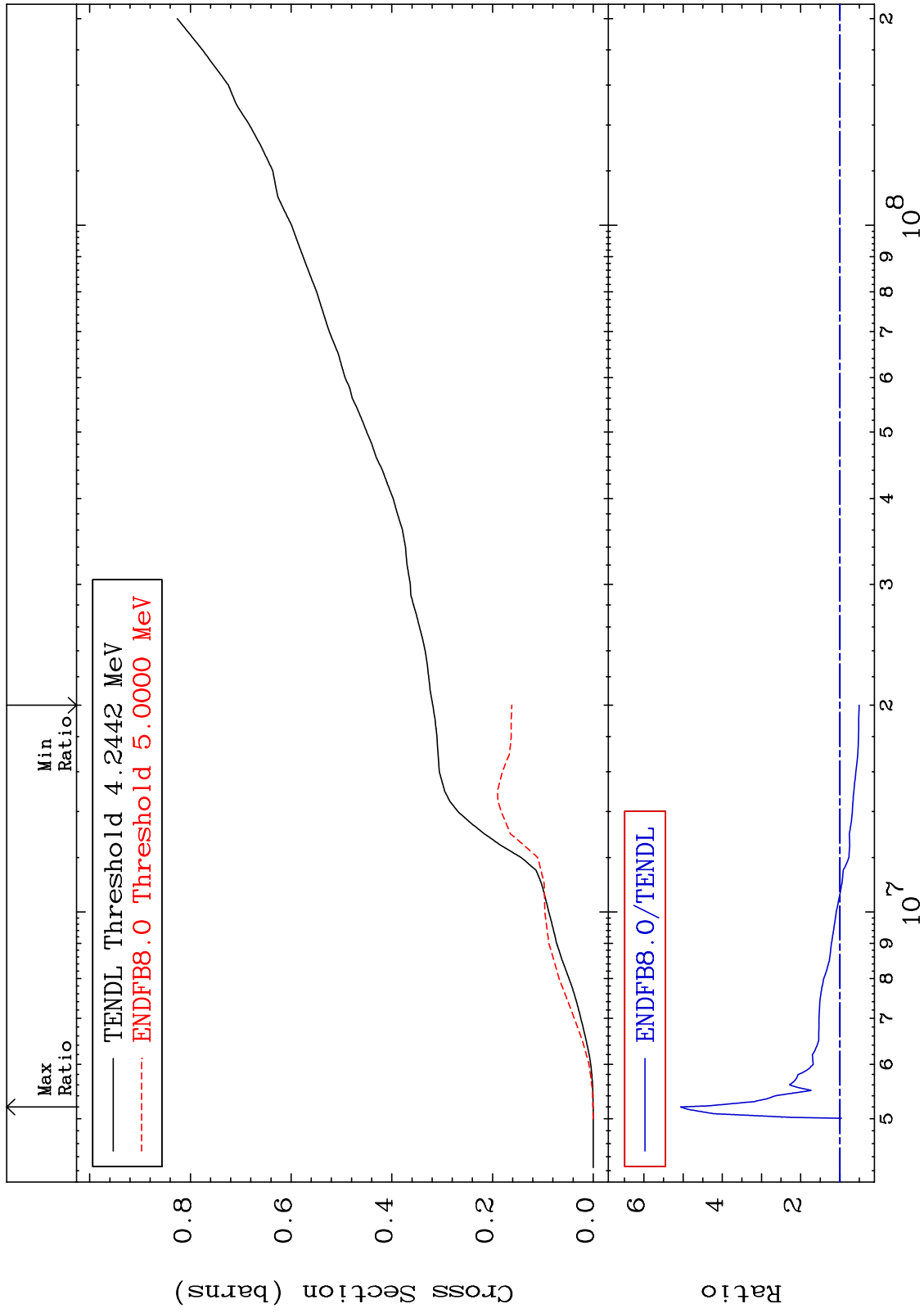
Incident Energy (eV)

18-Ar-38

MAT 1831

Hydrogen Production
Cross Section

18-Ar-38
-49.31 To 406.4 %



32

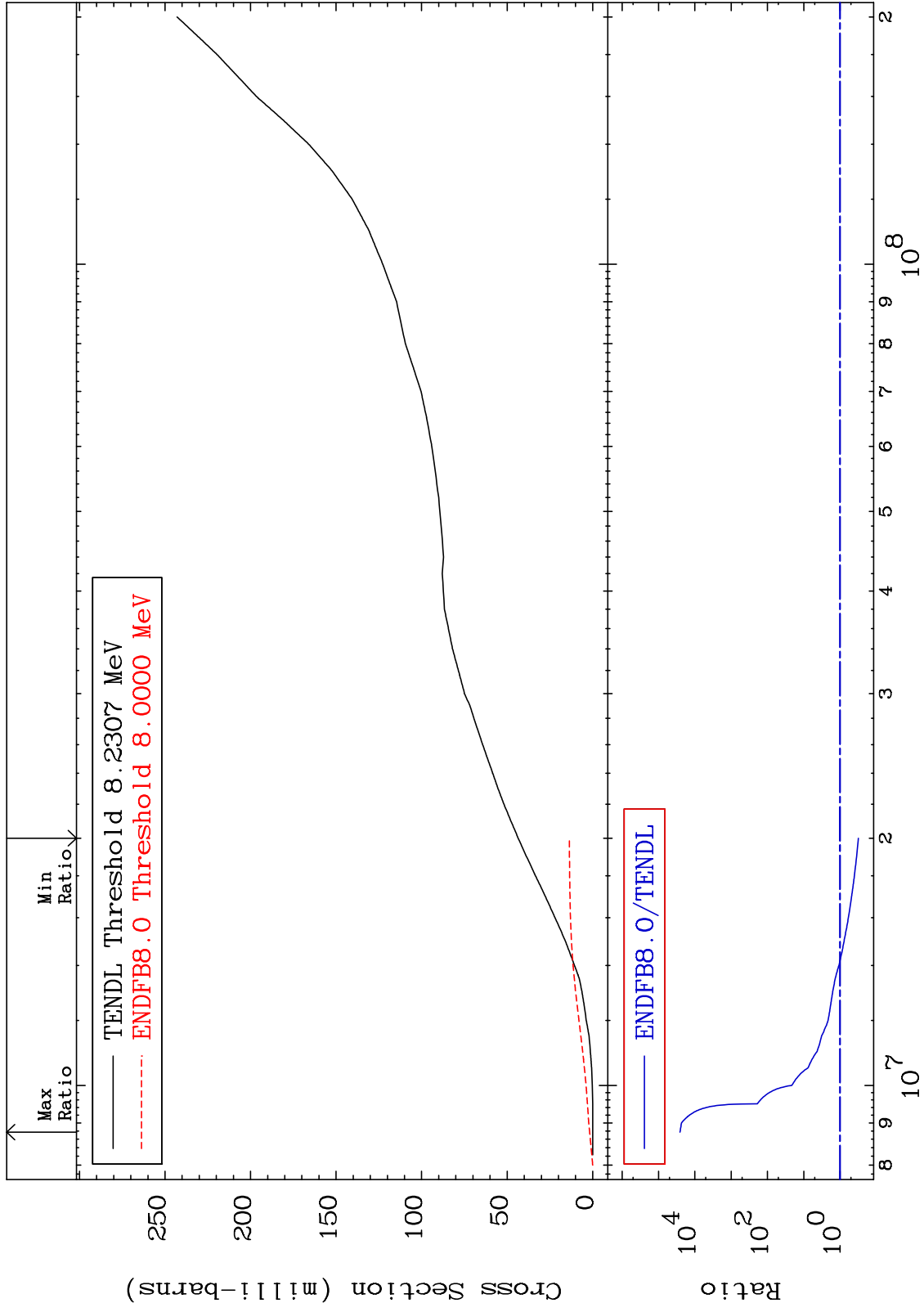
Incident Energy (eV)

18-Ar-38

MAT 1831

Deuterium Production
Cross Section

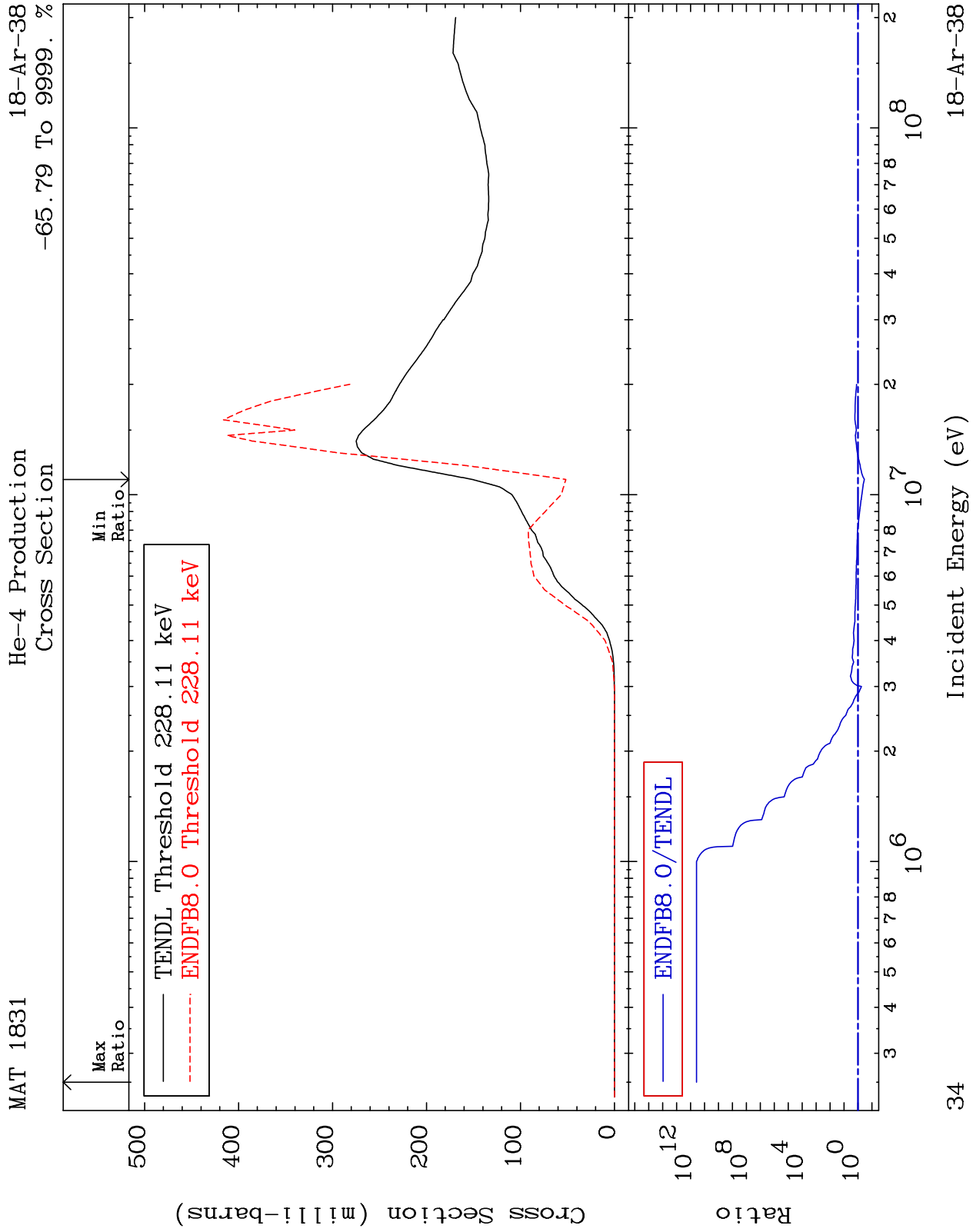
18-Ar-38
-68.78 To 9999. %



33

Incident Energy (eV)

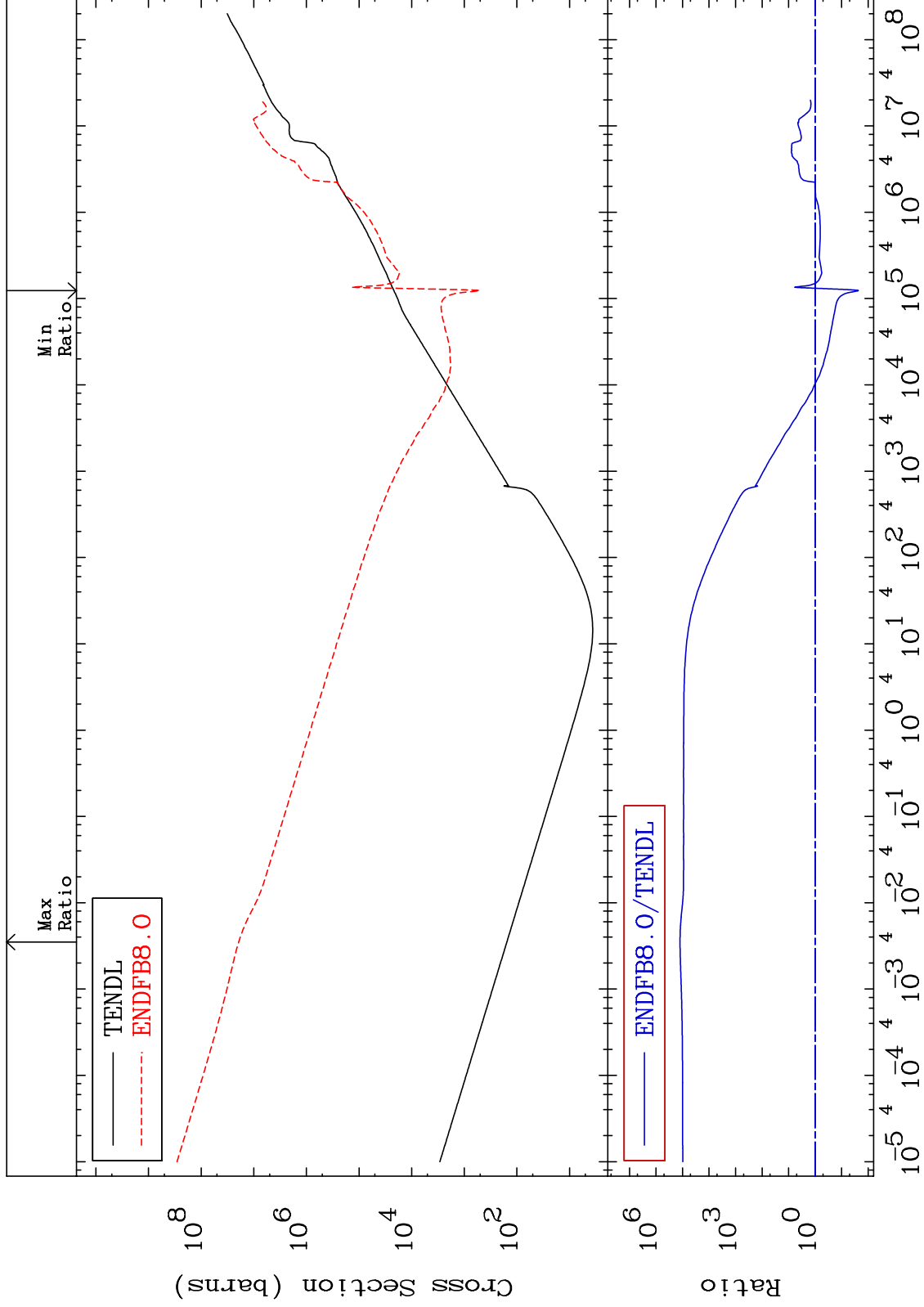
18-Ar-38



MAT 1831

Kerma total (eV-barns)
Cross Section

18-Ar-38
-97.68 To 9999. %



35

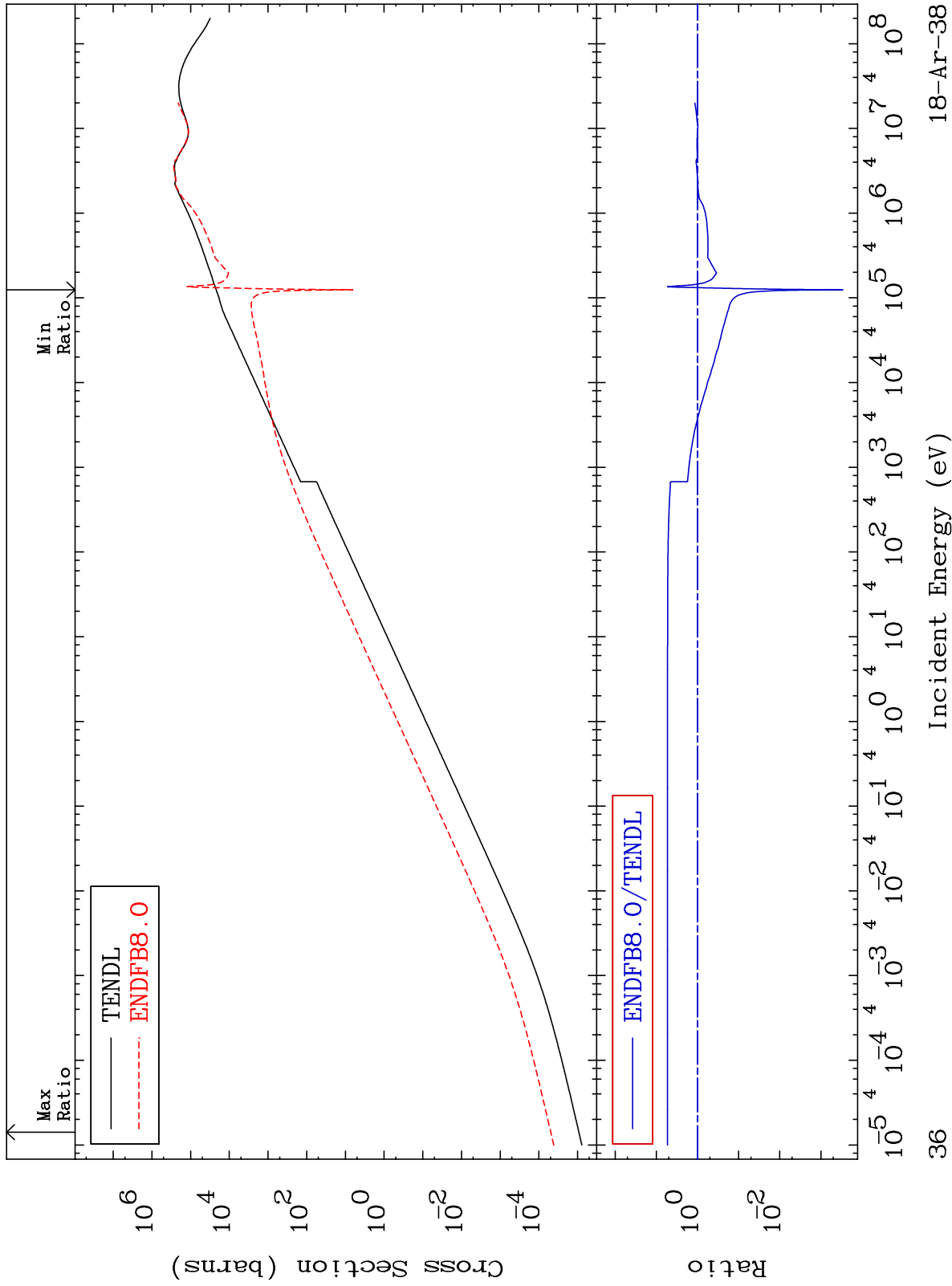
Incident Energy (eV)

18-Ar-38

MAT 1831

Kerma elastic
Cross Section

18-Ar-38
-99.97 To 432.9 %



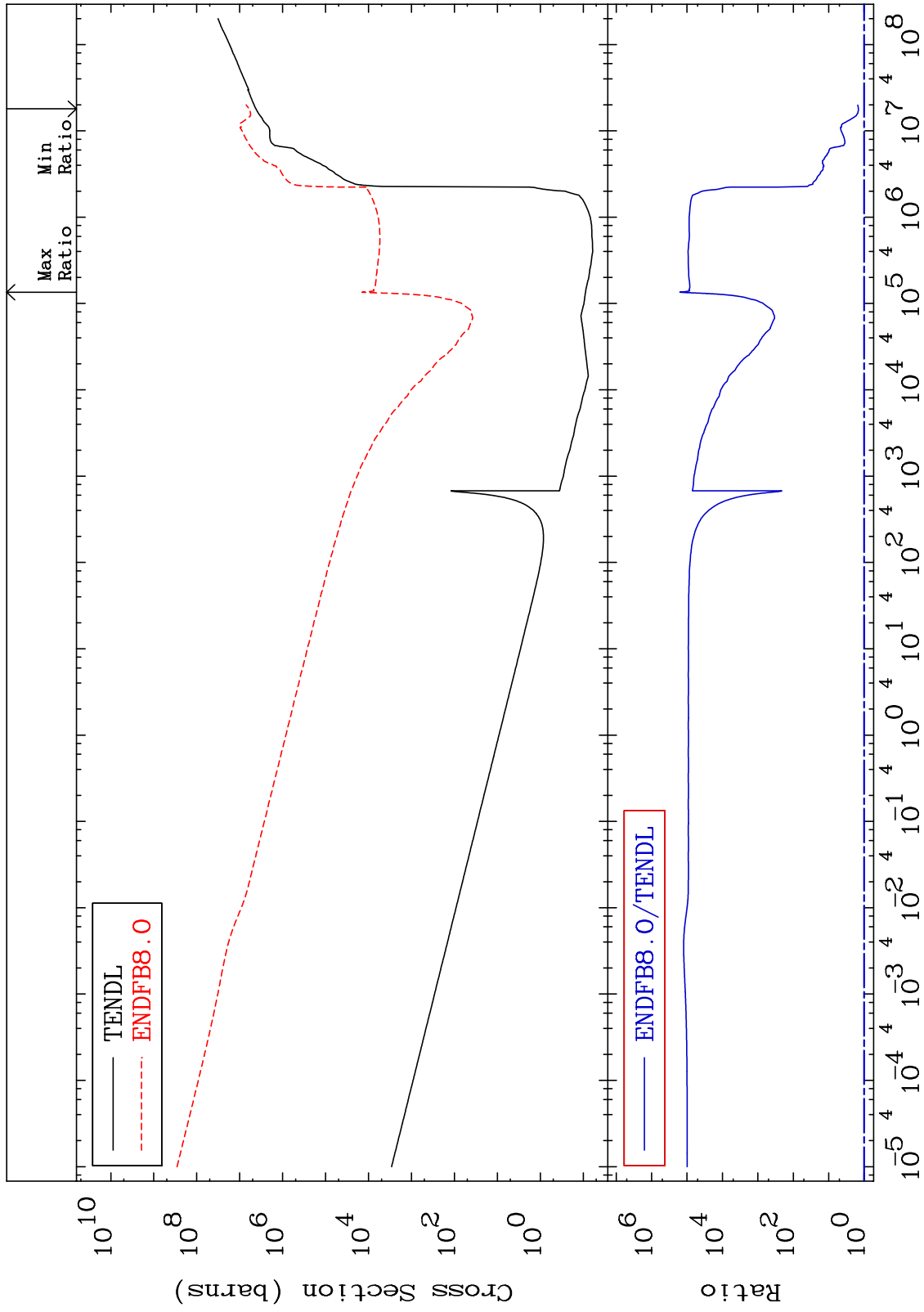
36

18-Ar-38

MAT 1831

Kerma non-elastic (all but mt2)
Cross Section

18-Ar-38
44.80 To 9999. %



37

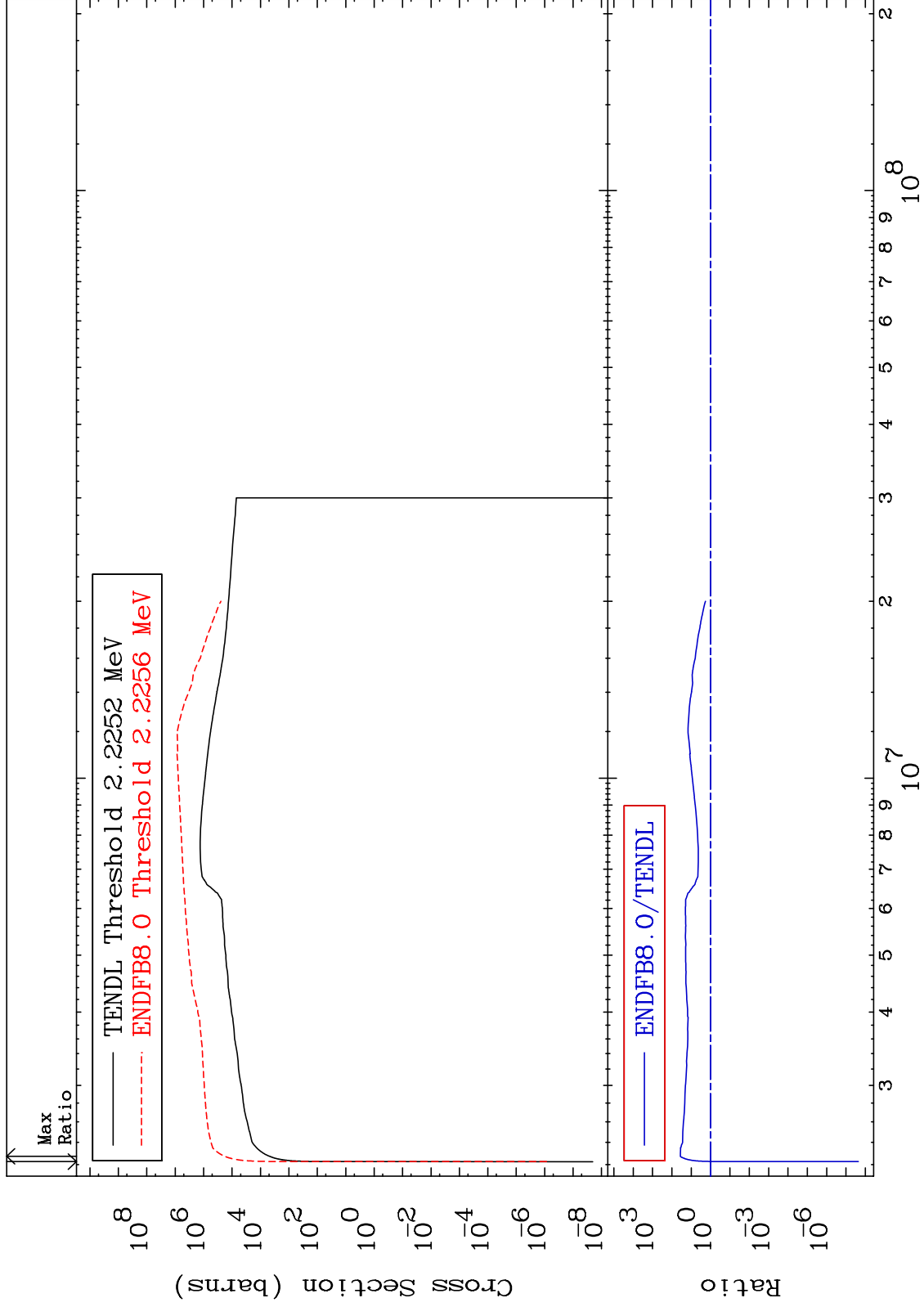
Incident Energy (eV)

18-Ar-38

MAT 1831

Kerma inelastic (mt51-91)
Cross Section

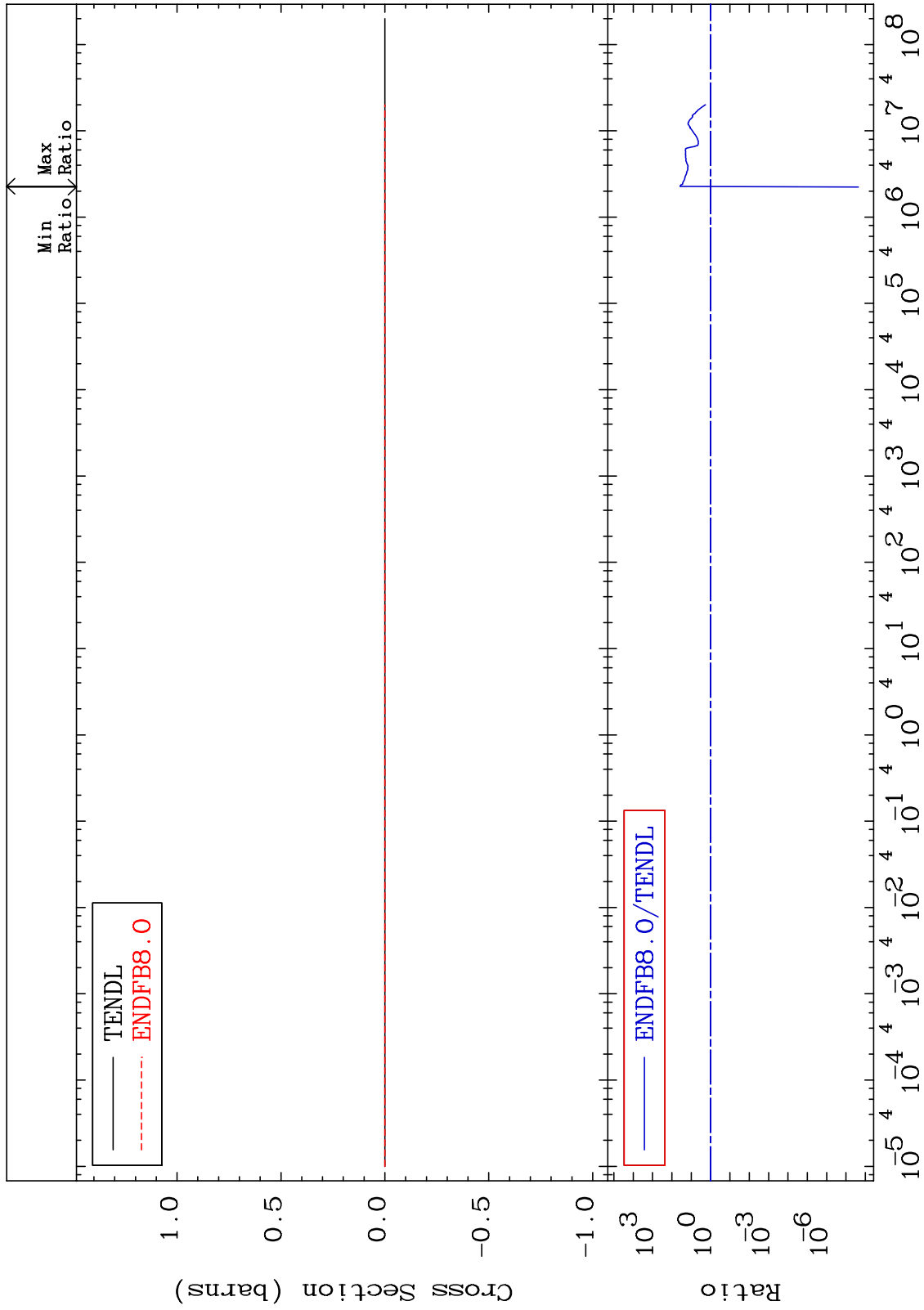
18-Ar-38
-100.0 To 3702. %



MAT 1831

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

18-Ar-38
-100.0 To 3702. %



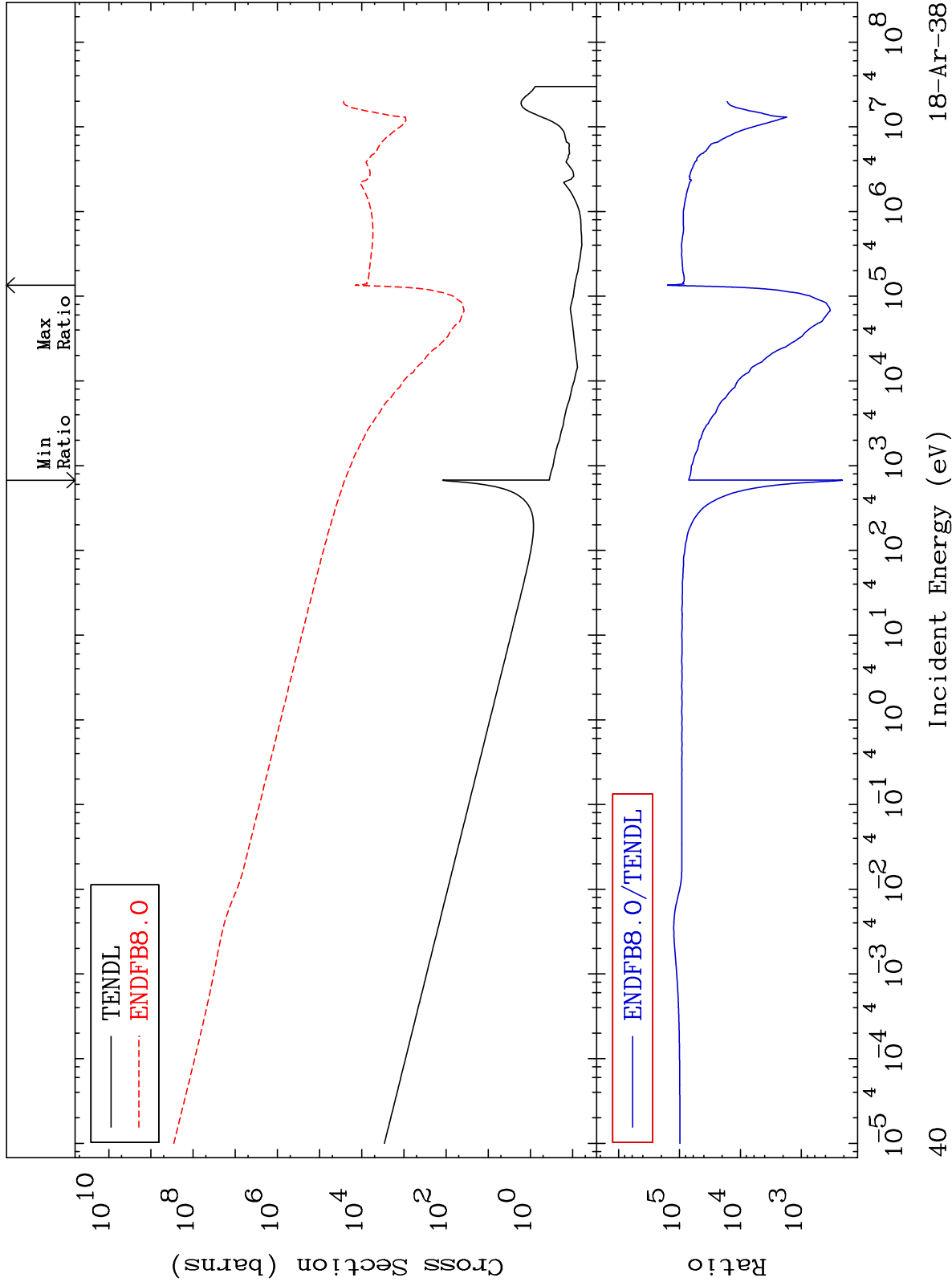
39

18-Ar-38

MAT 1831

Kerma capture (mt102)
Cross Section

18-Ar-38
9999. To 9999. %



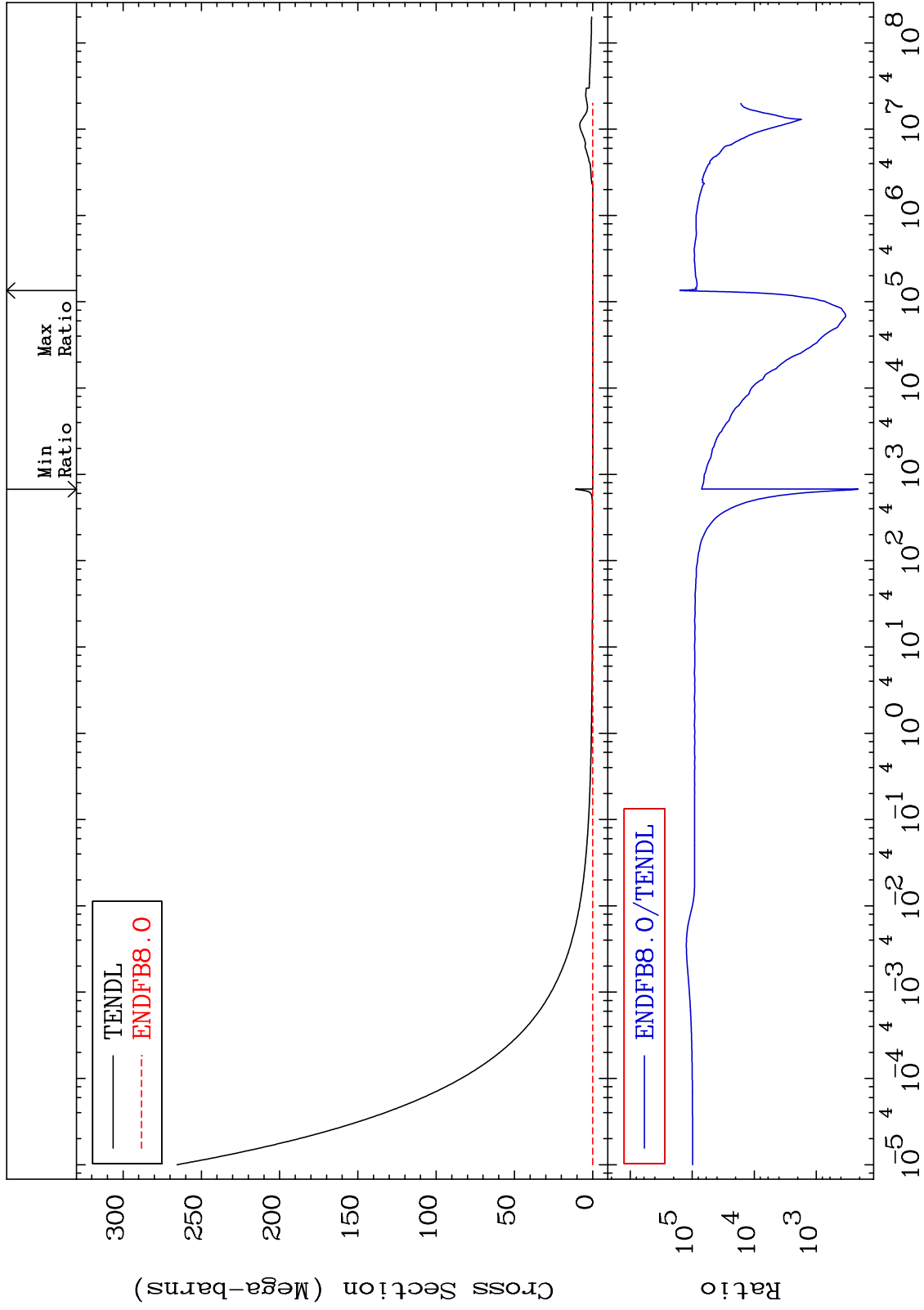
40

18-Ar-38

MAT 1831

Total photon (eV-barns)
Cross Section

18-Ar-38
9999. To 9999. %



41

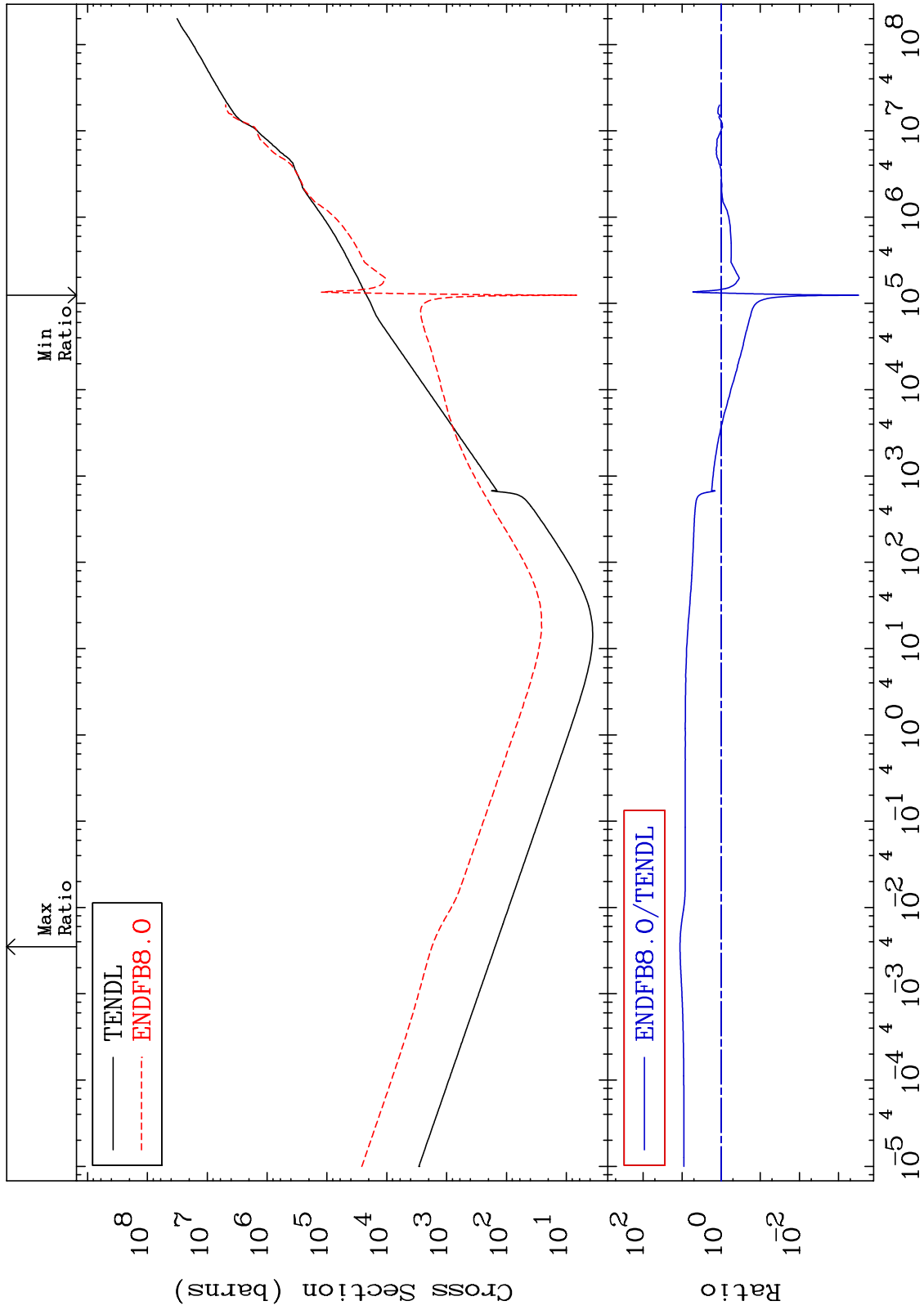
Incident Energy (eV)

18-Ar-38

MAT 1831

Total kinematic kerma (high limit)
Cross Section

18-Ar-38
-99.97 To 1032. %



42

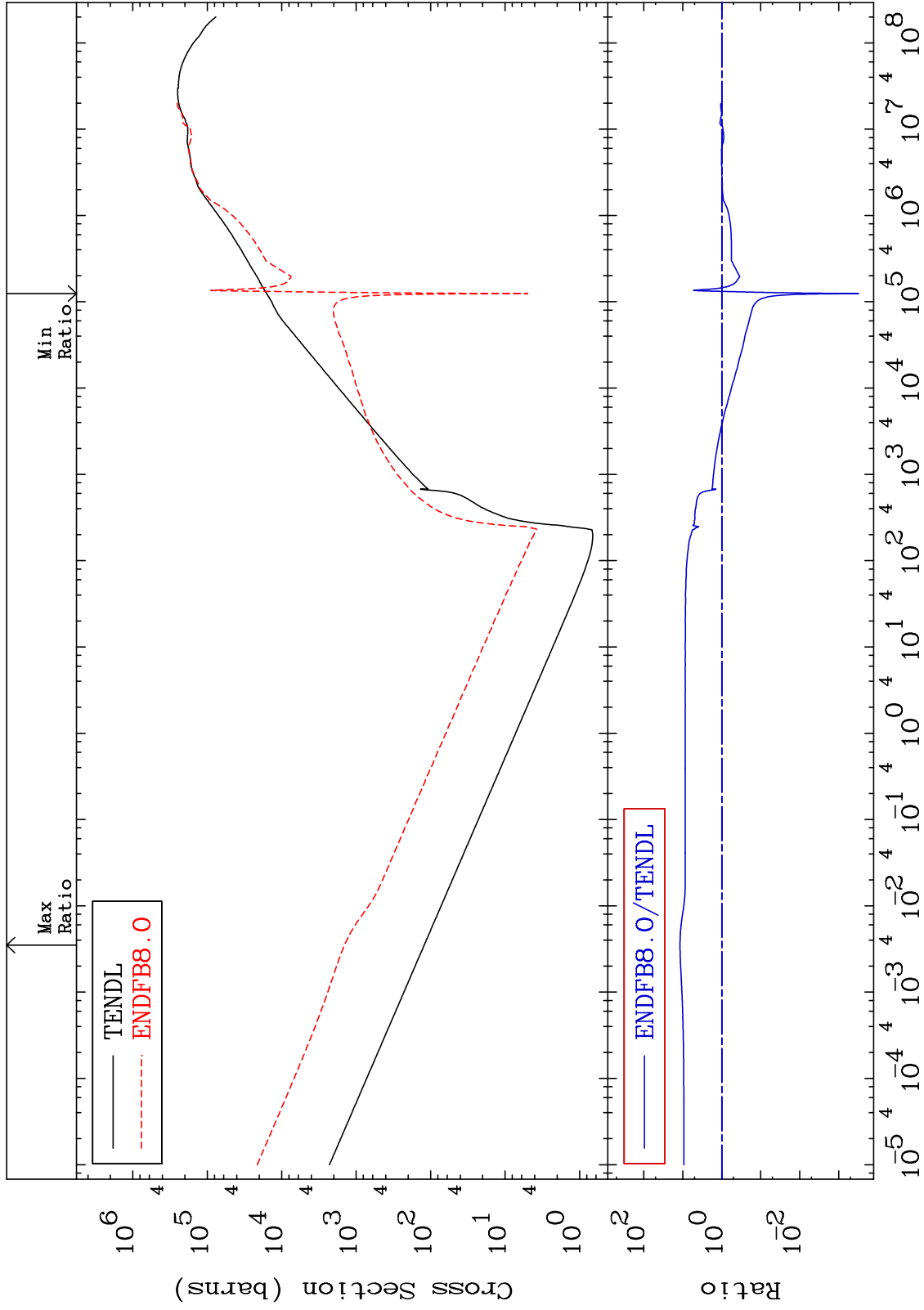
Incident Energy (eV)

18-Ar-38

MAT 1831

Dpa total (eV-barns)
Cross Section

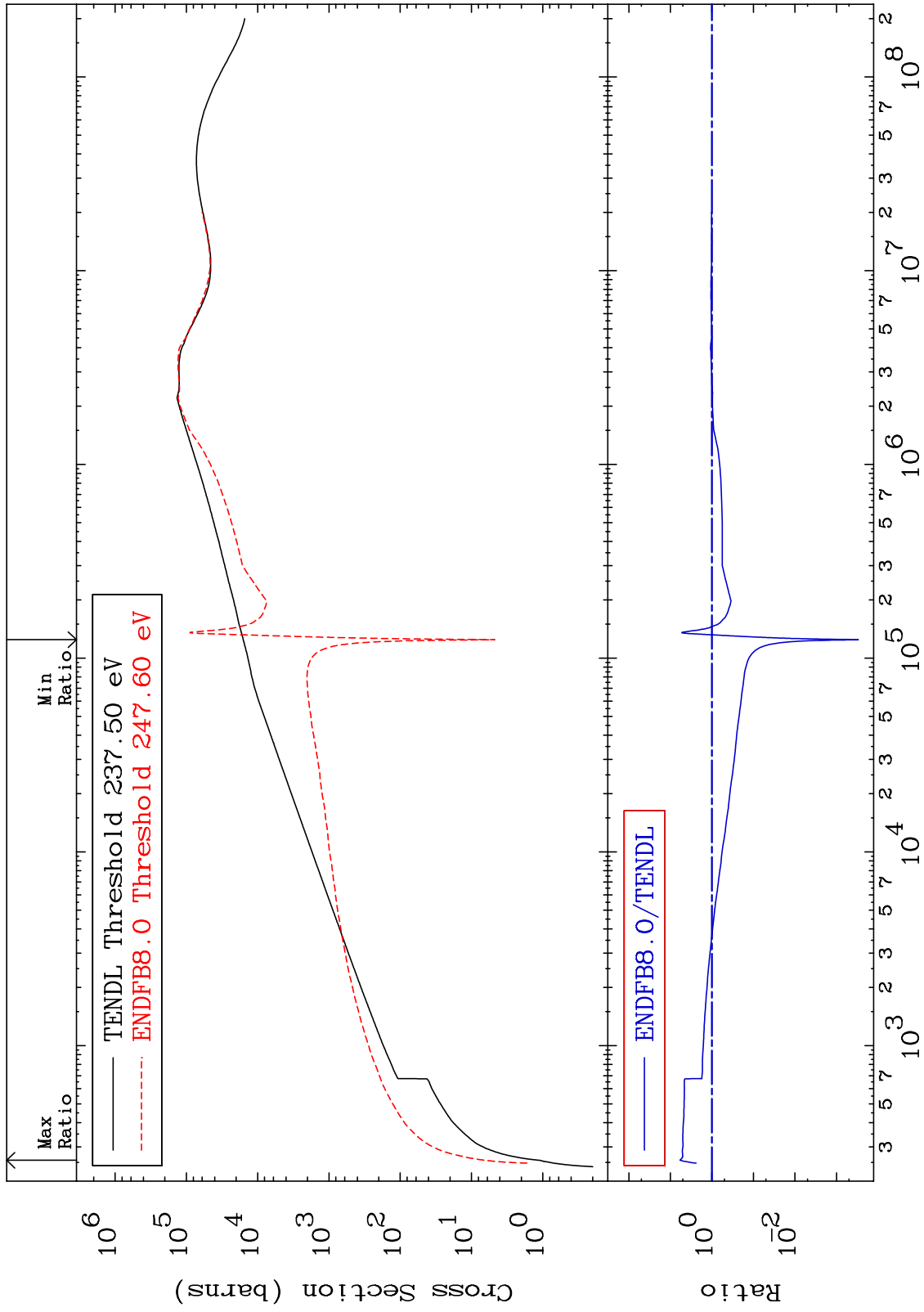
18-Ar-38
-99.97 To 1076. %



MAT 1831

Dpa elastic (mt2)
Cross Section

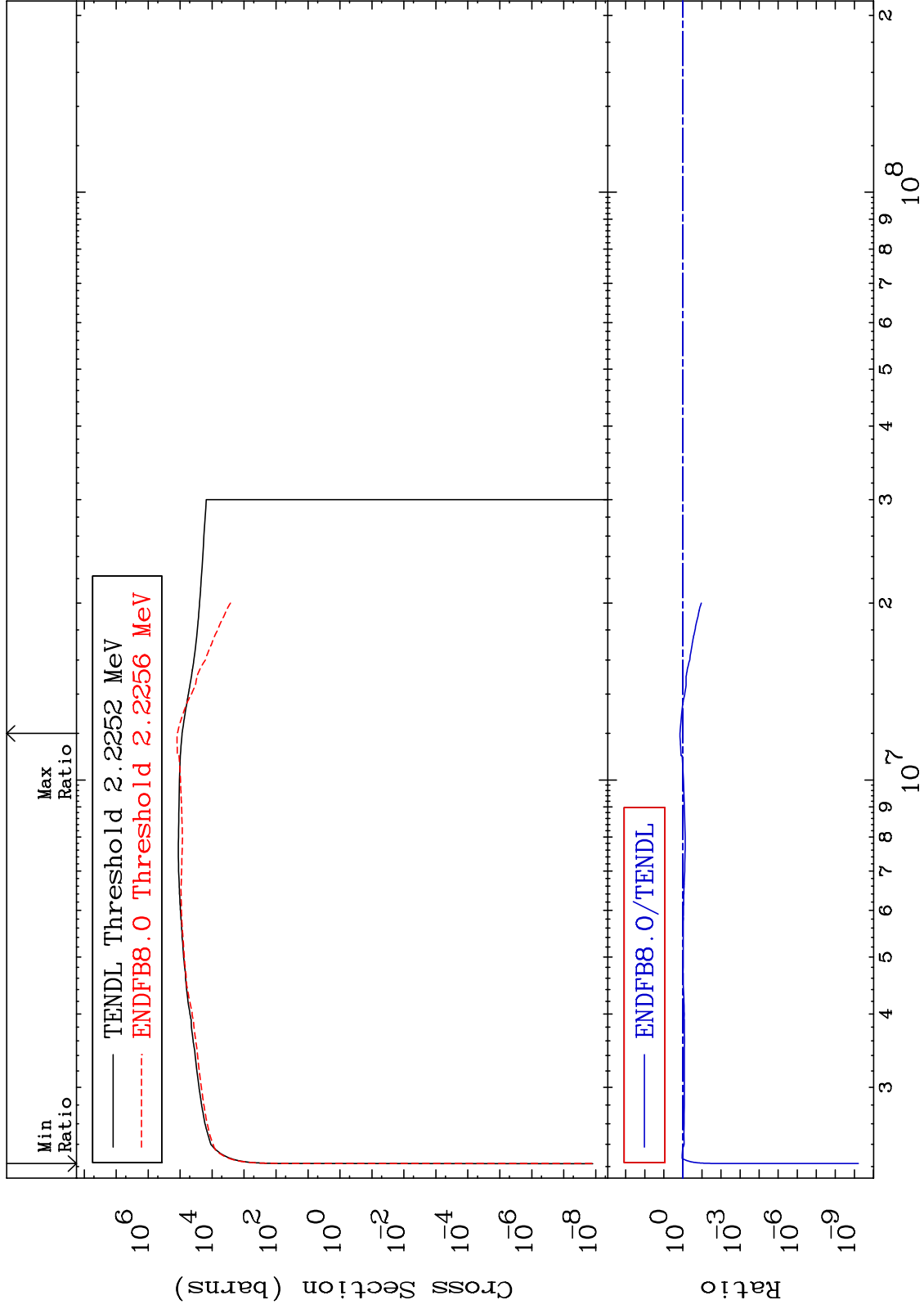
18-Ar-38
-99.97 To 485.9 %



MAT 1831

Dpa inelastic (mt51-91)
Cross Section

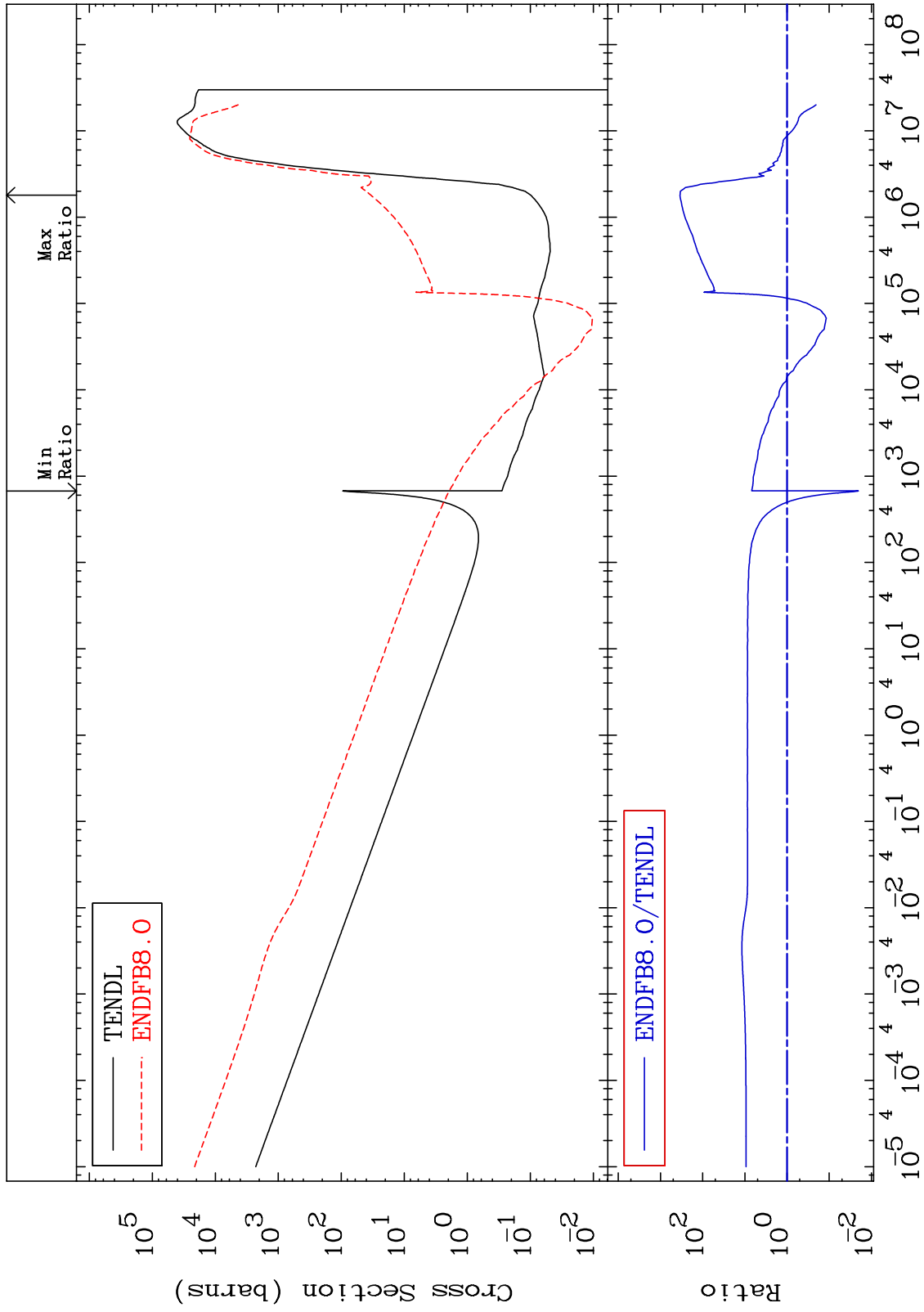
18-Ar-38
-100.0 To 41.08 %



MAT 1831

Dpa disappearance (mt102 -120)
Cross Section

18-Ar-38
-97.96 To 9999. %



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Incident Energy (eV)

18-Ar-38