

Program Complot
(Version 2018-1)

by

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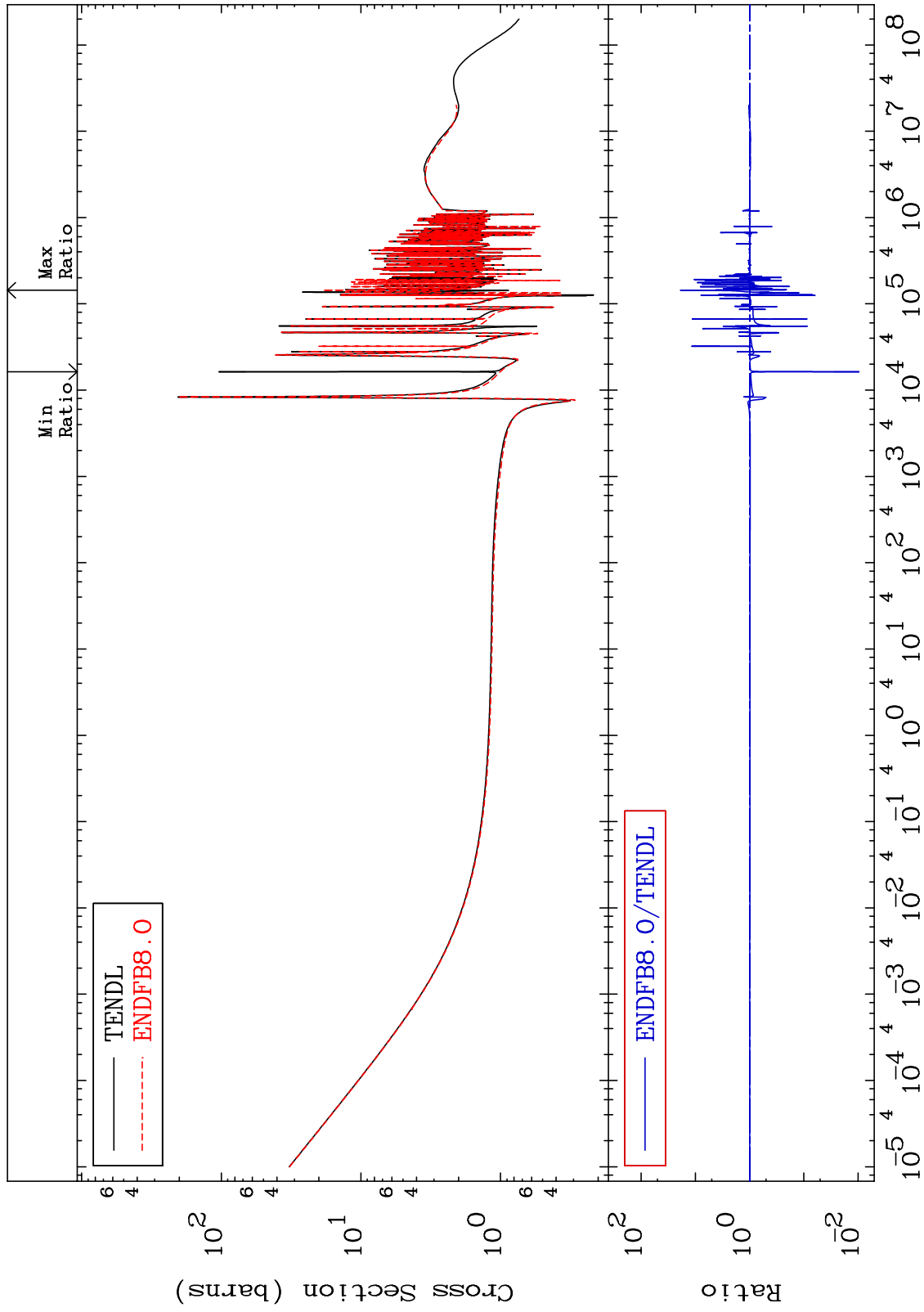
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1731

Total
Cross Section

17-Cl-37
-99.04 To 1770. %



1

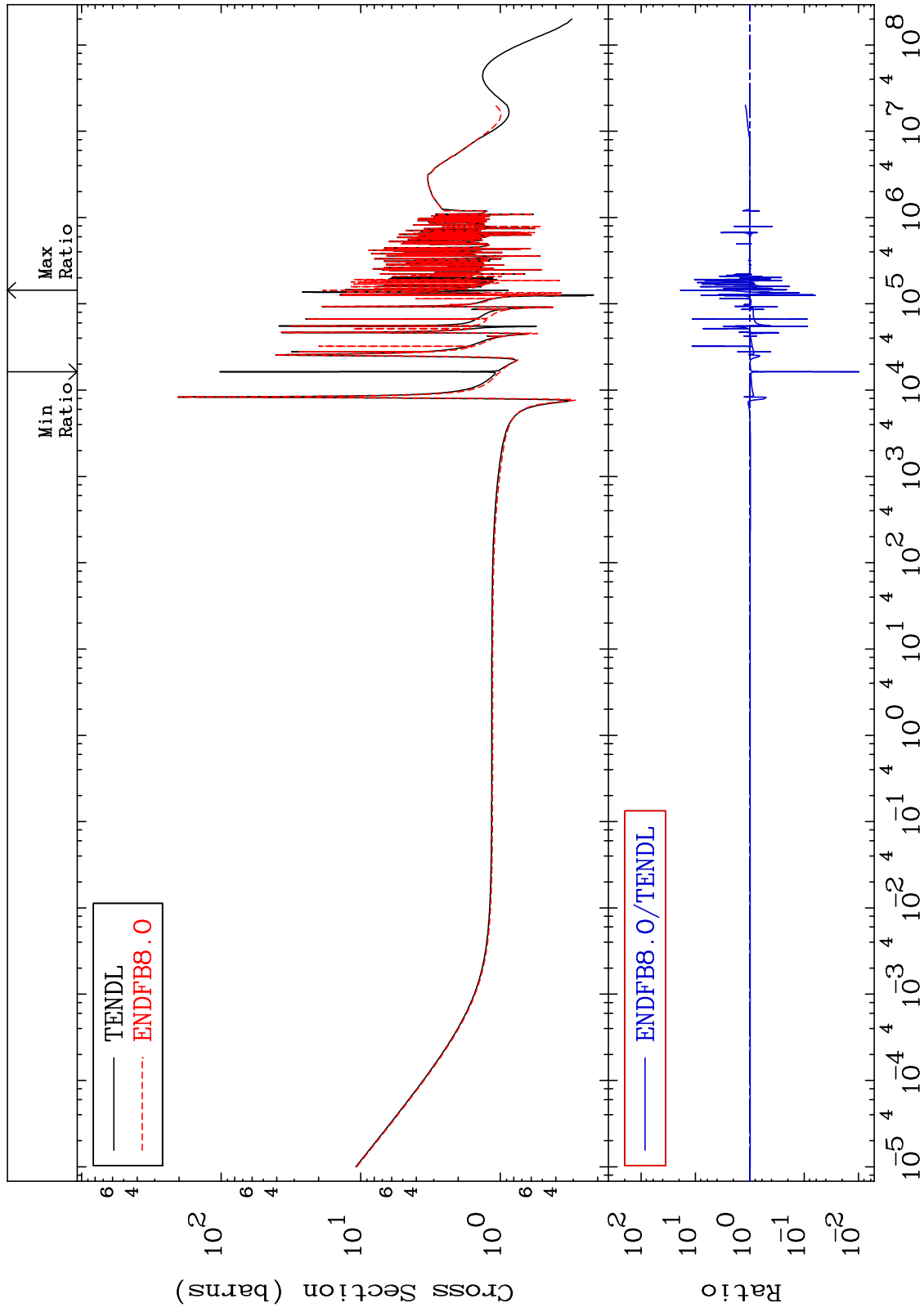
Incident Energy (eV)

17-Cl-37

MAT 1731

Elastic
Cross Section

17-Cl-37
-99.02 To 1771. %

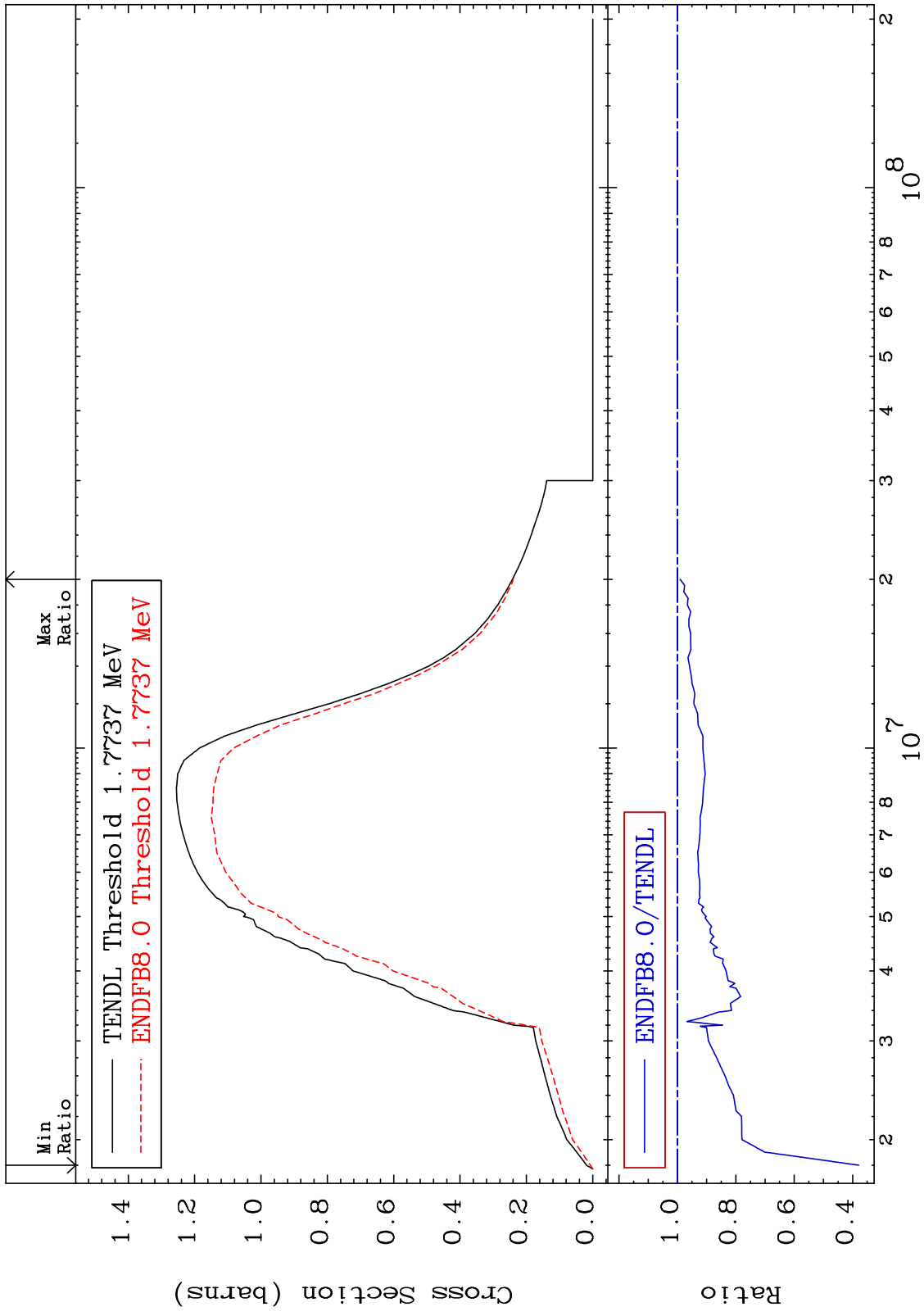


MAT 1731

Inelastic
Cross Section

17-Cl-37

-62.14 To -0.954%

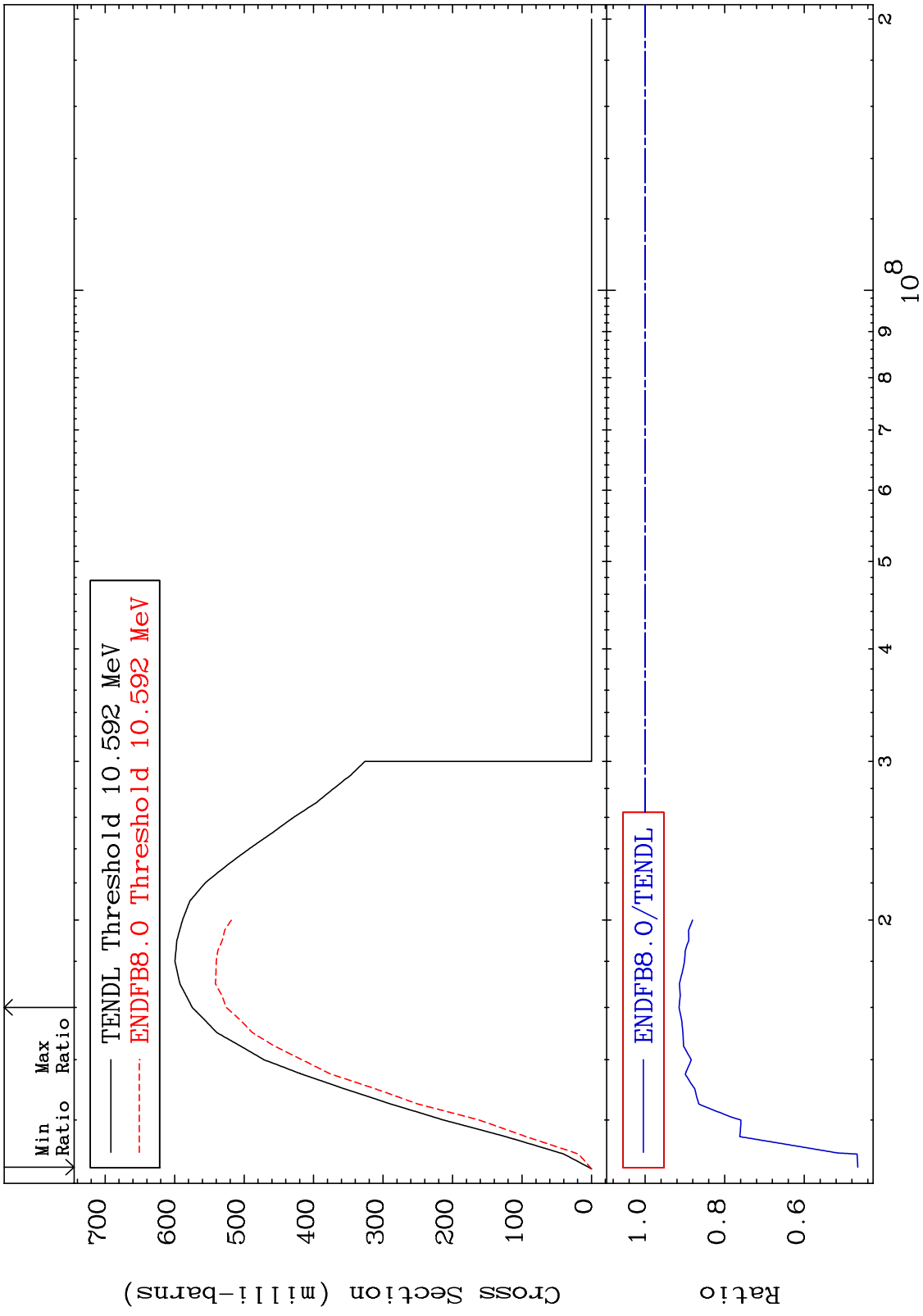


17-Cl-37

Incident Energy (eV)

3

MAT 1731 (n,2n) Cross Section 17-Cl-37
 -53.47 To -8.535%



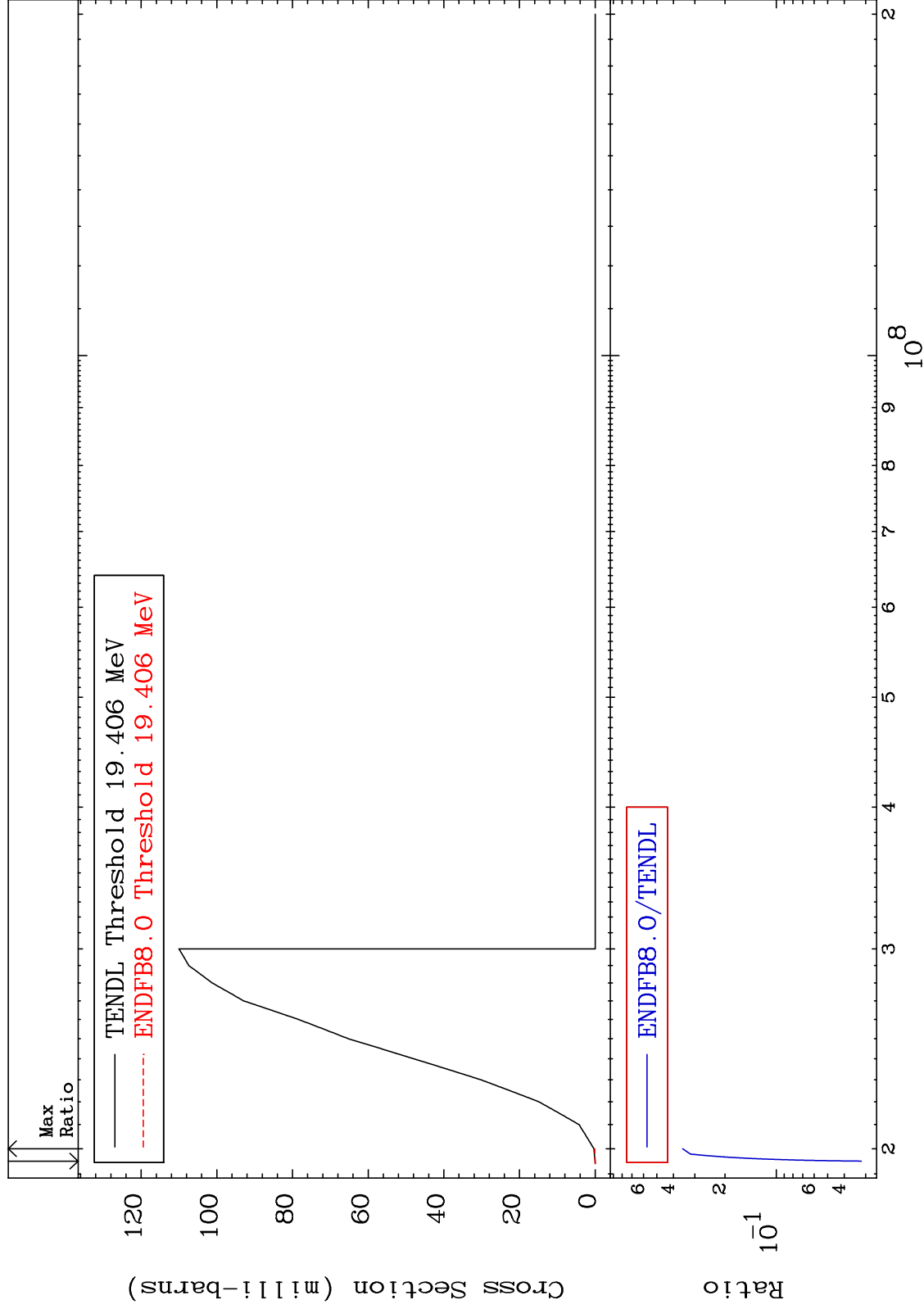
MAT 1731

(n,3n)

17-Cl-37

Cross Section

-96.82 To -64.66%

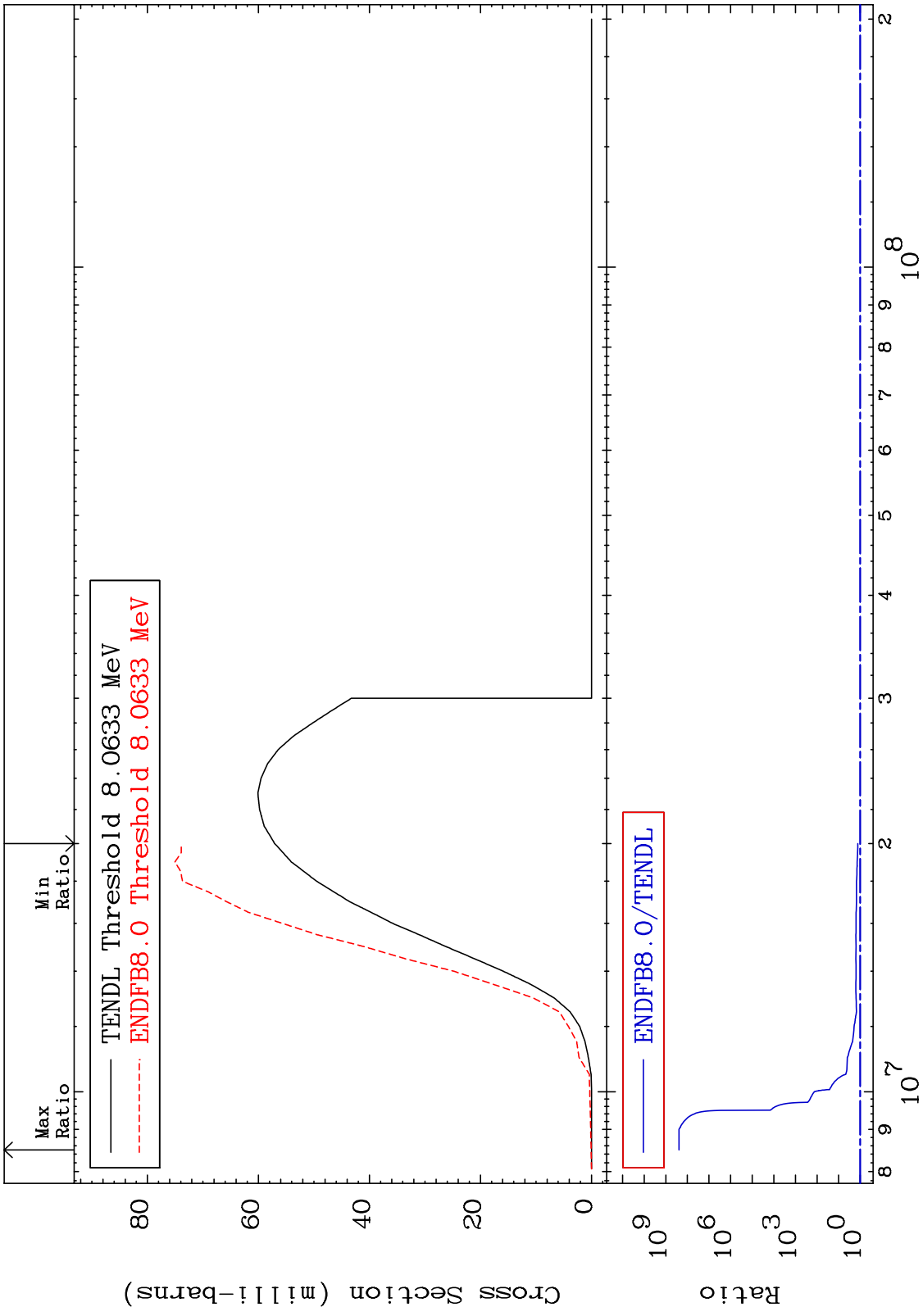


5

Incident Energy (eV)

17-Cl-37

MAT 1731 (n,n') α 17-Cl-37
 Cross Section 29.51 To 9999. %

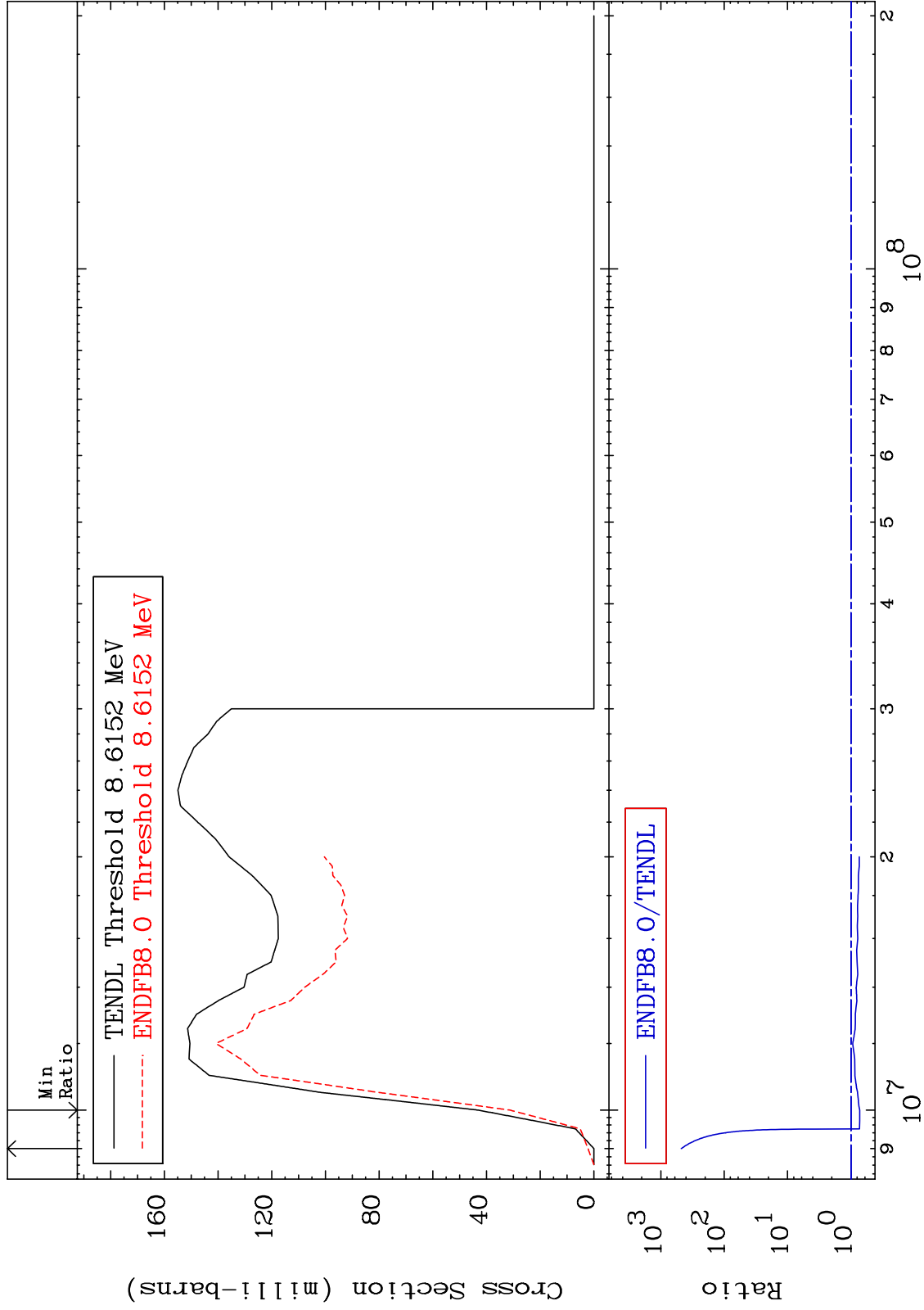


6 Incident Energy (eV) 17-Cl-37

MAT 1731

(n,n') p
Cross Section

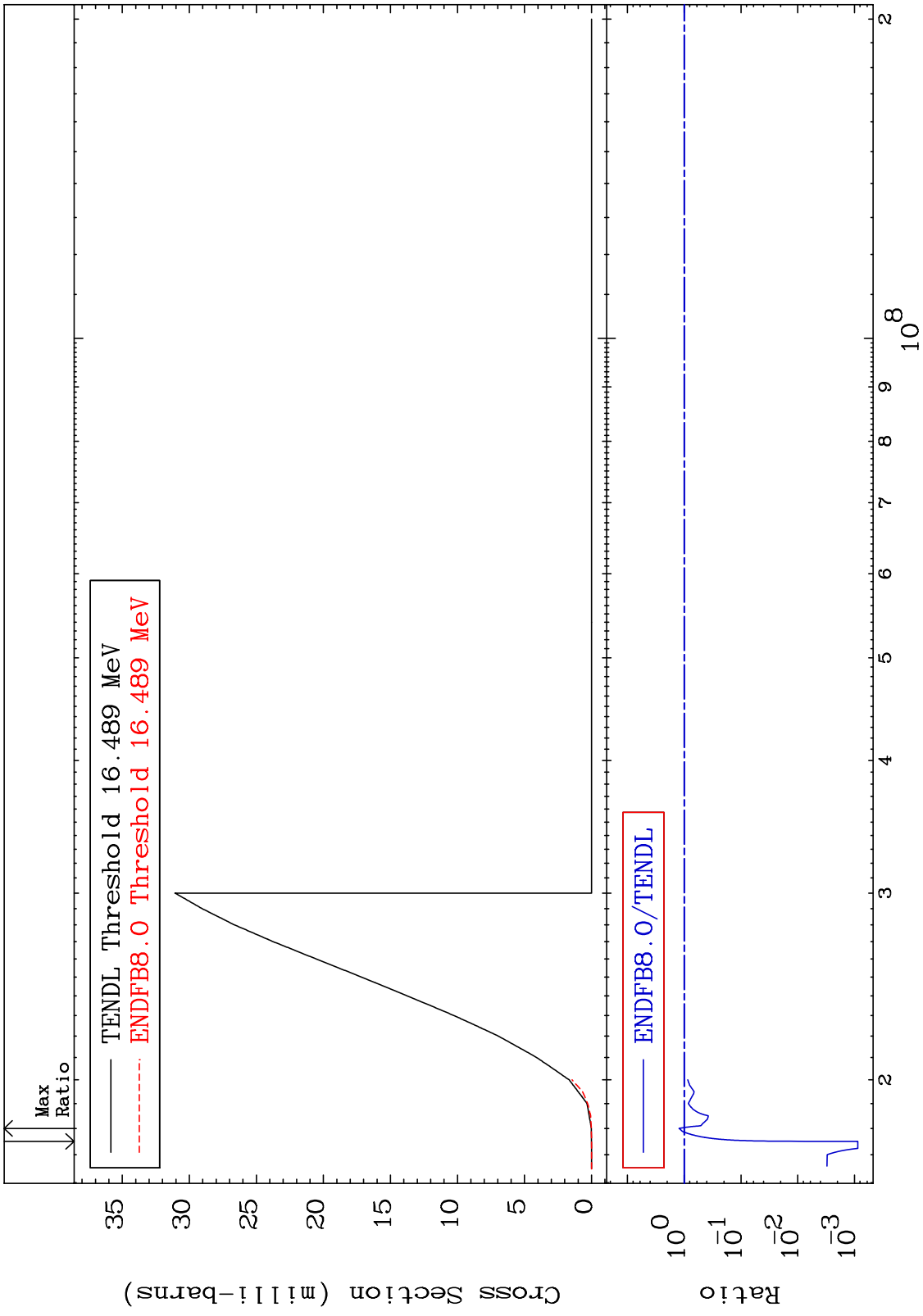
17-Cl-37
-27.45 To 9999. %



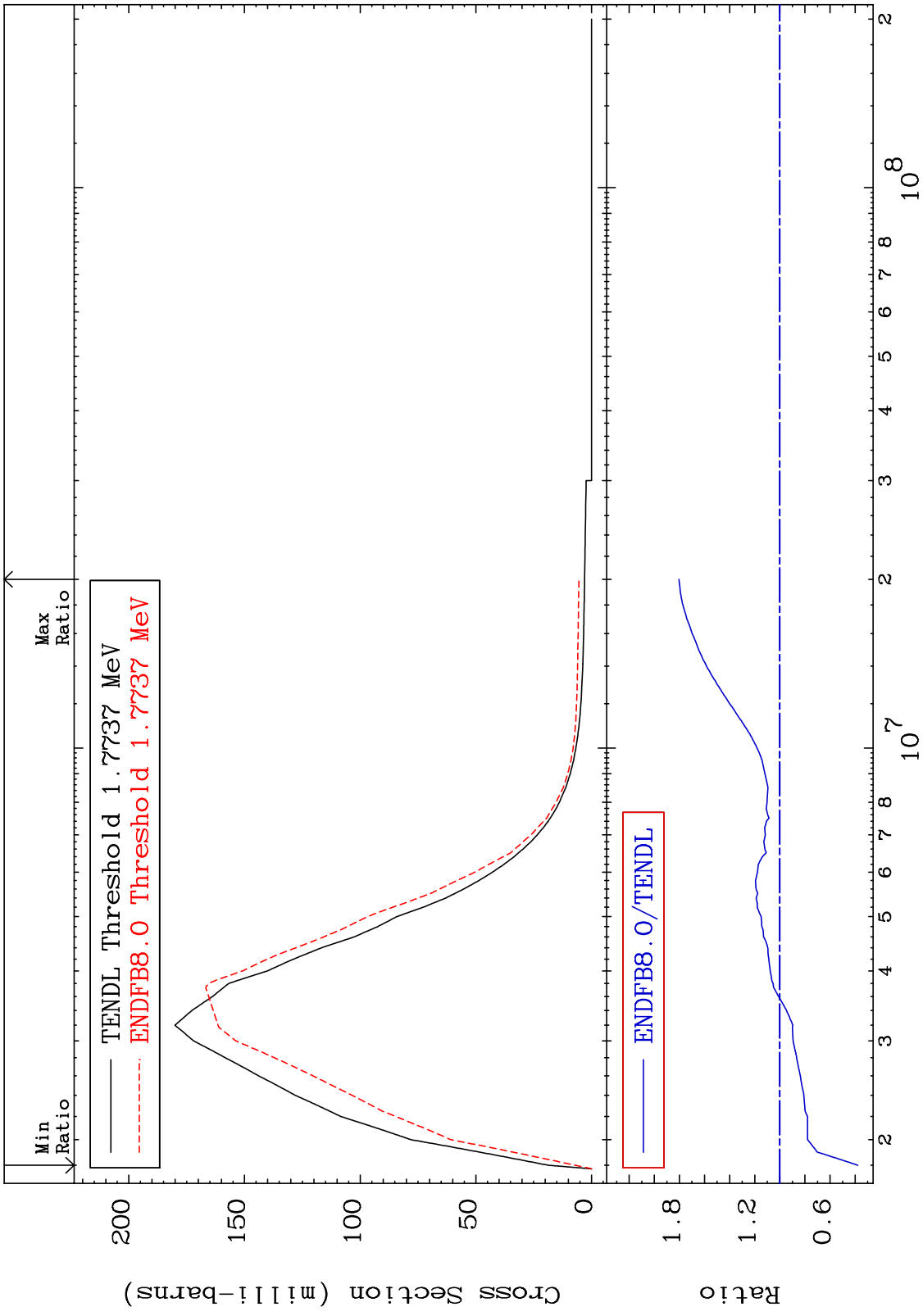
7

Incident Energy (eV)

17-Cl-37

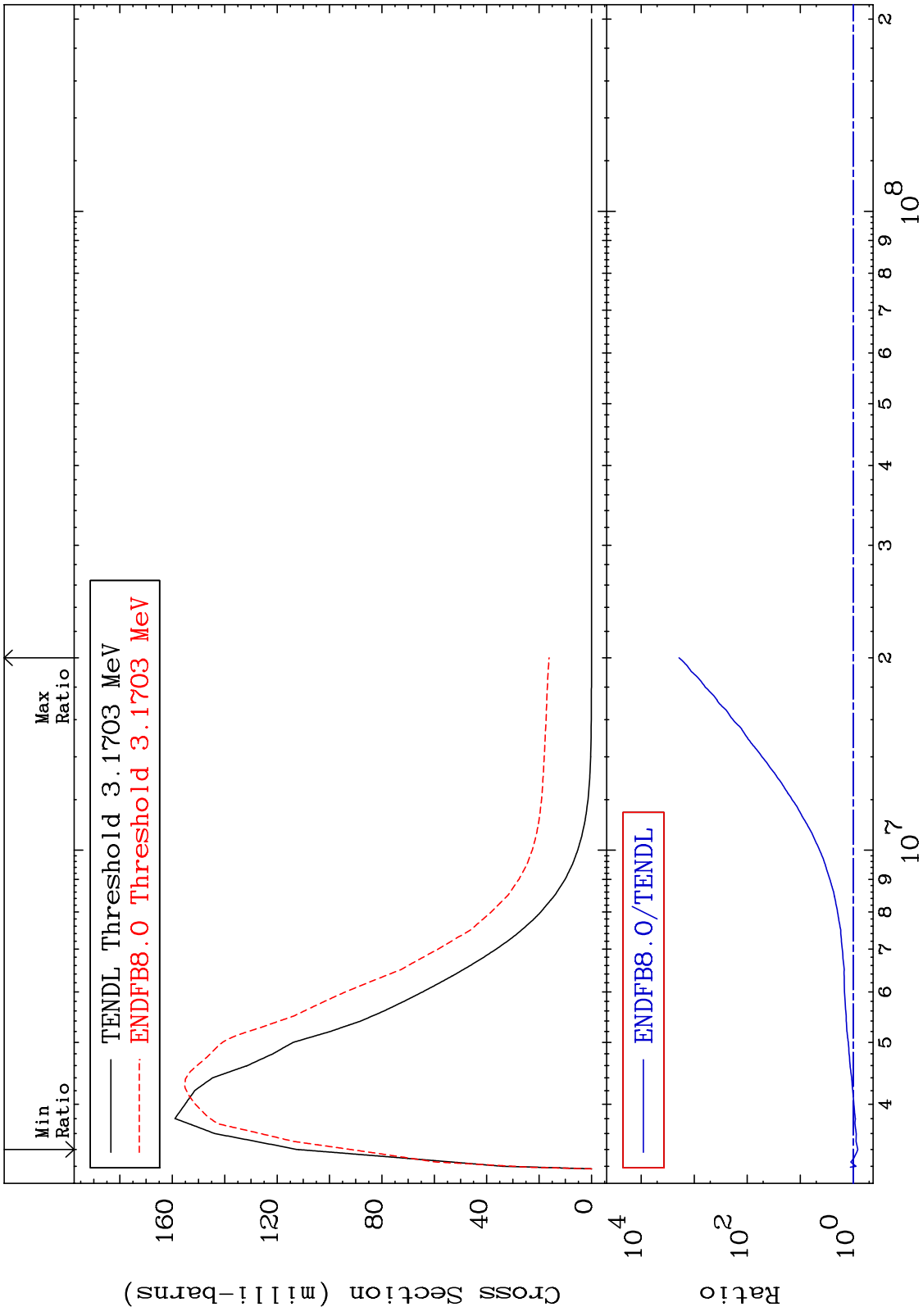


MAT 1731 MT= 51 (n,n') Level Cross Section -62.14 To 80.31 % 17-Cl-37

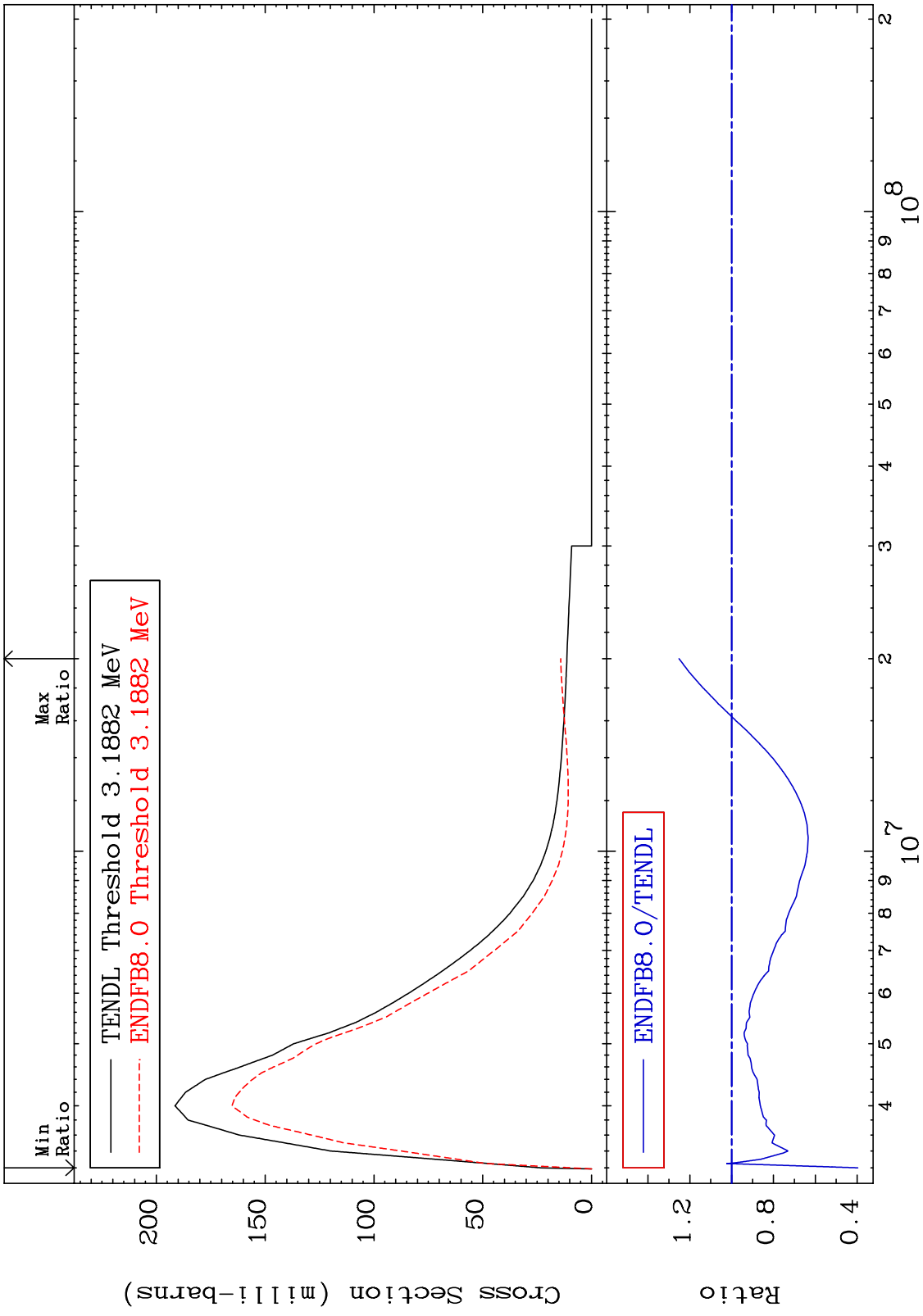


9 Incident Energy (eV) 17-Cl-37

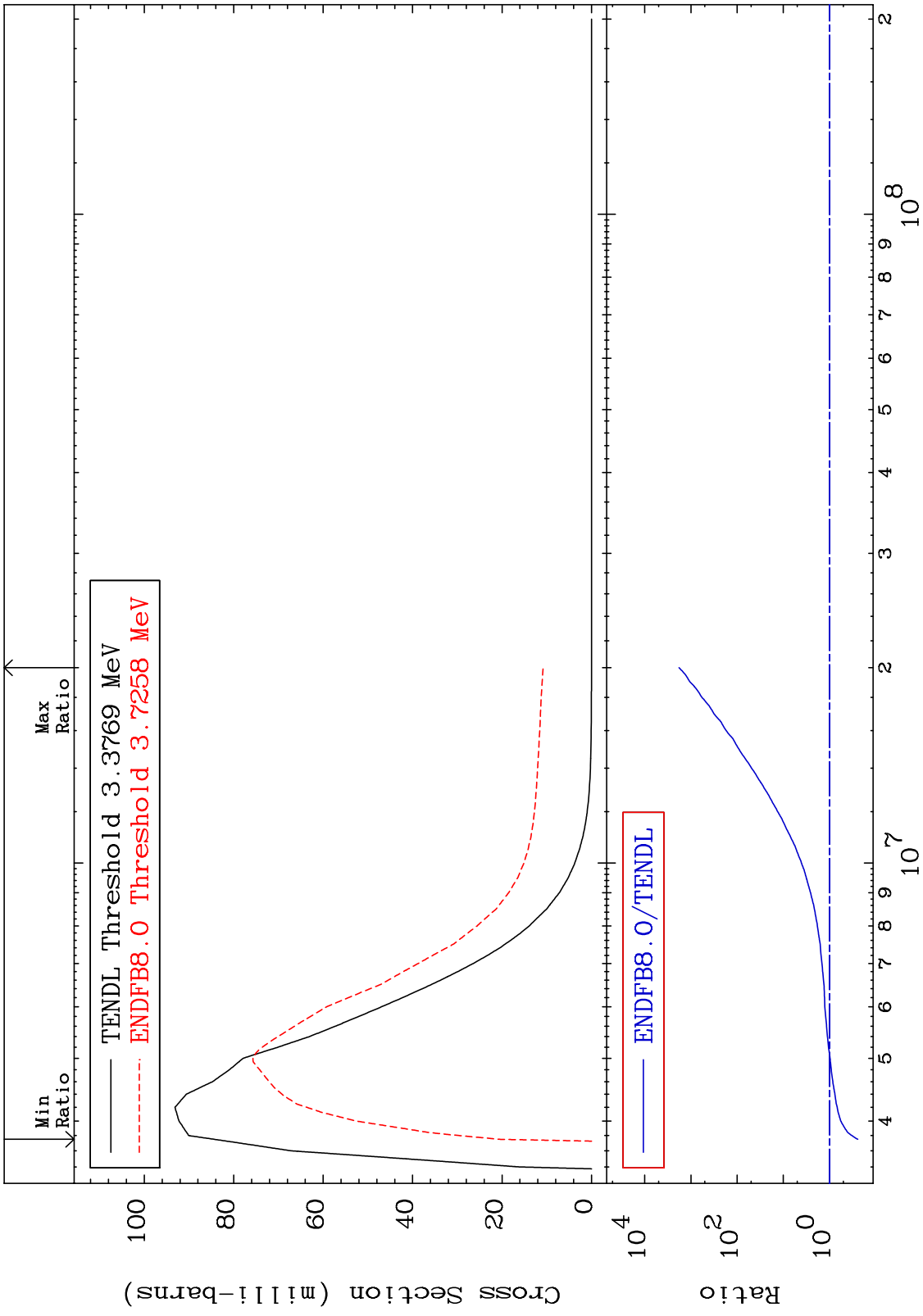
MAT 1731 MT= 52 (n,n') Level Cross Section -18.12 To 9999. % 17-Cl-37



MAT 1731 MT= 53 (n,n') Level Cross Section 17-Cl-37
 -60.35 To 25.16 %



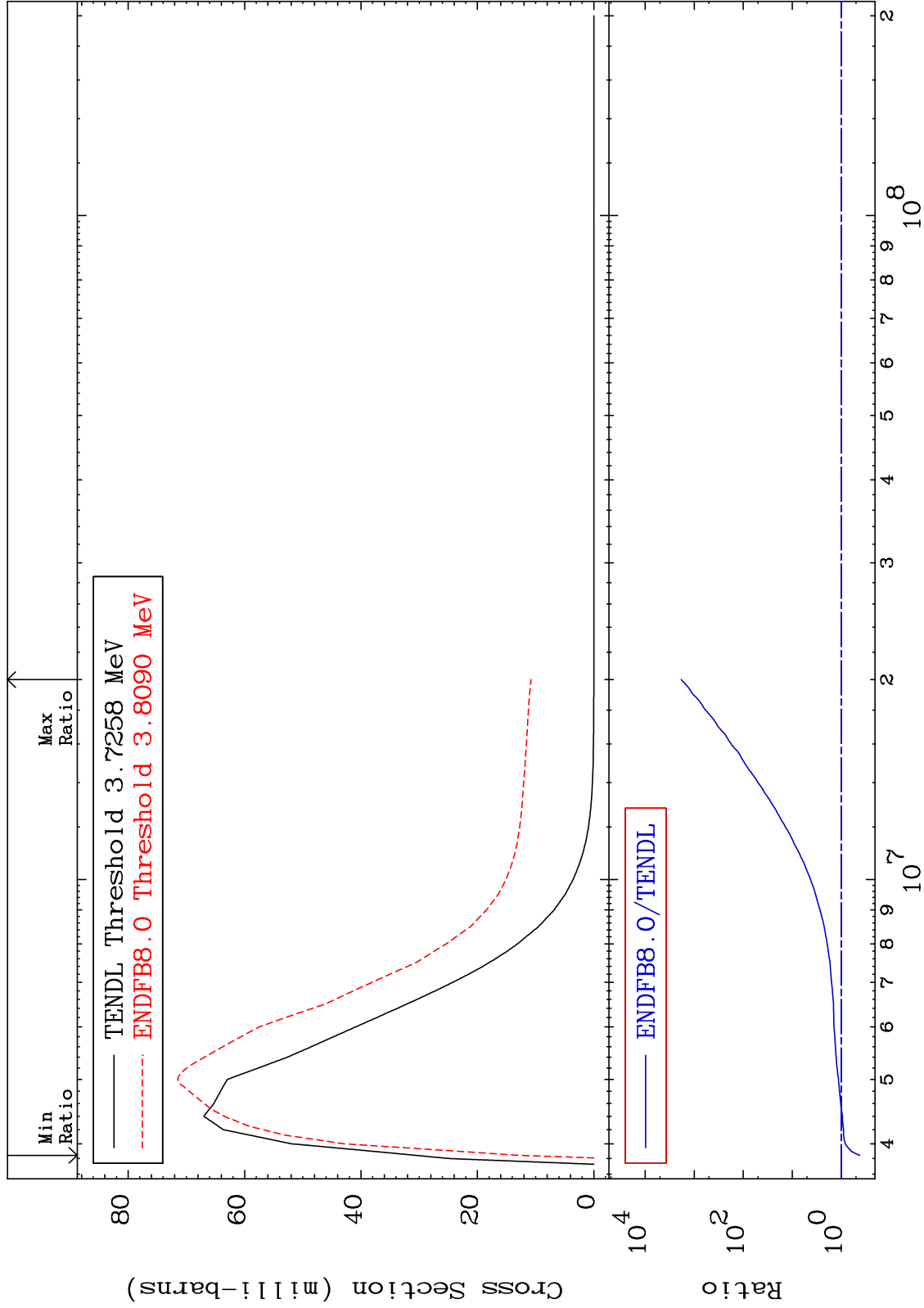
MAT 1731 MT= 54 (n,n') Level Cross Section 17-Cl-37
 -75.60 To 9999. %



MAT 1731

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

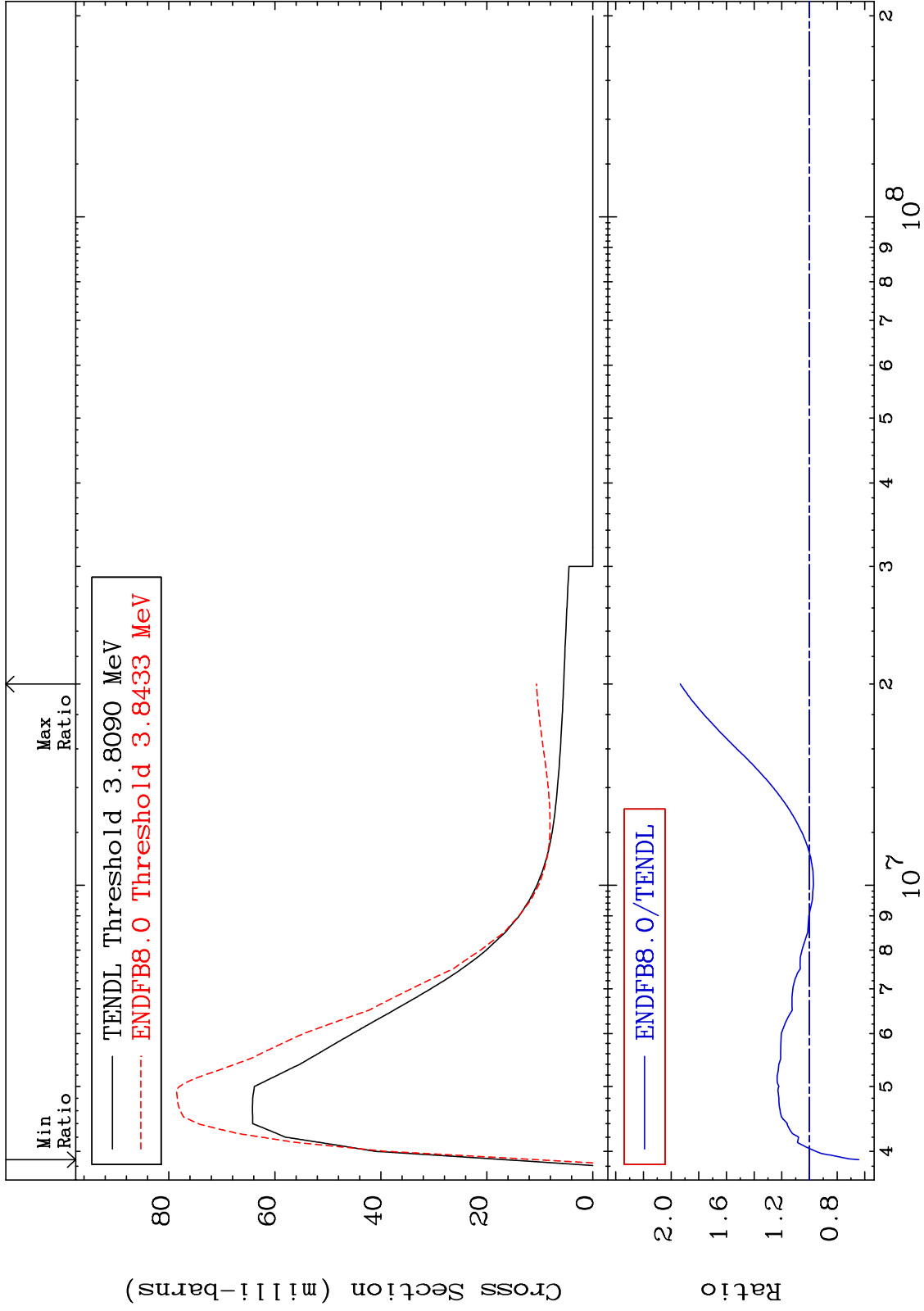
17-CI-37
-58.16 To 9999. %



MAT 1731

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

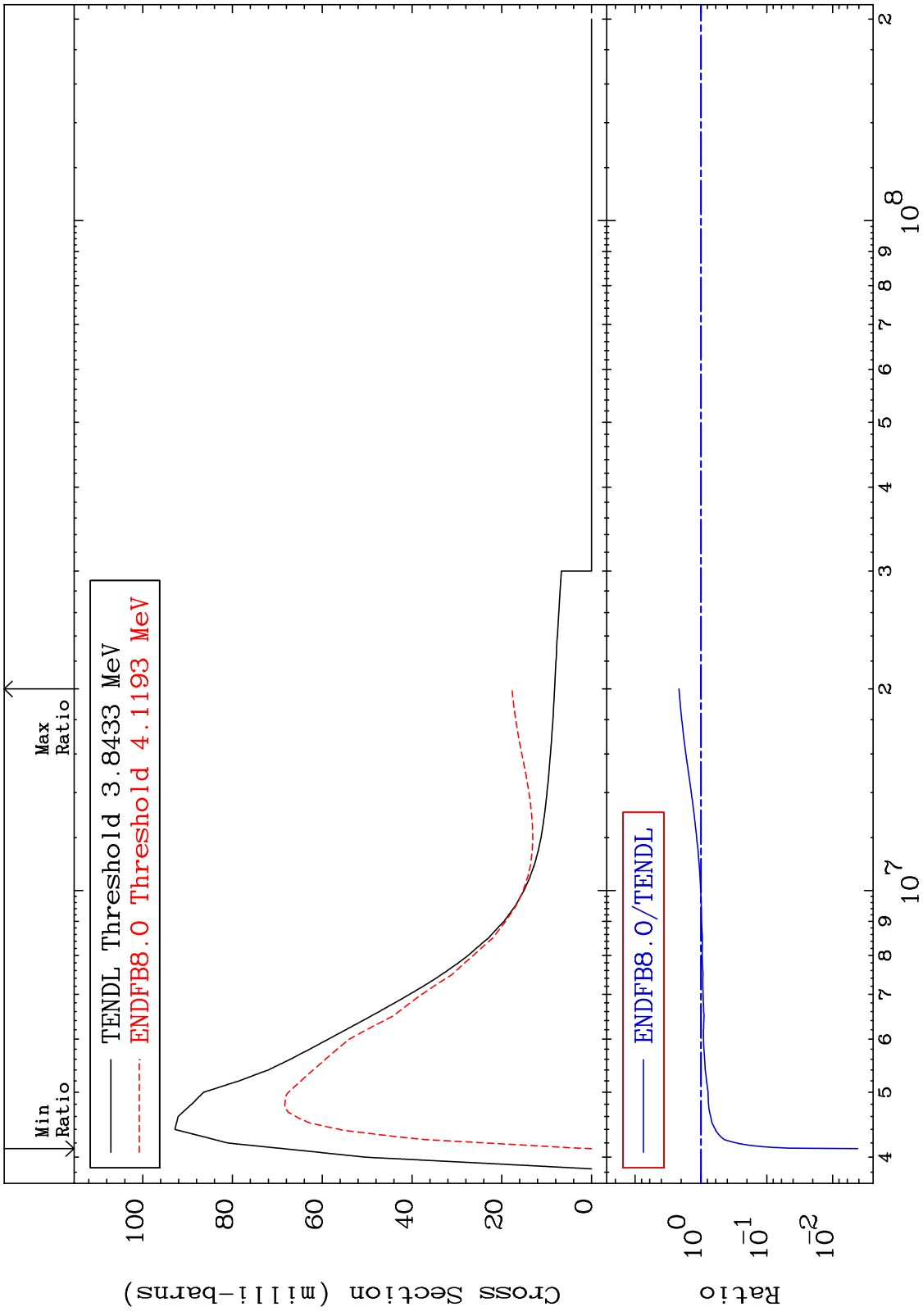
17-Cl-37
-35.74 To 93.43 %



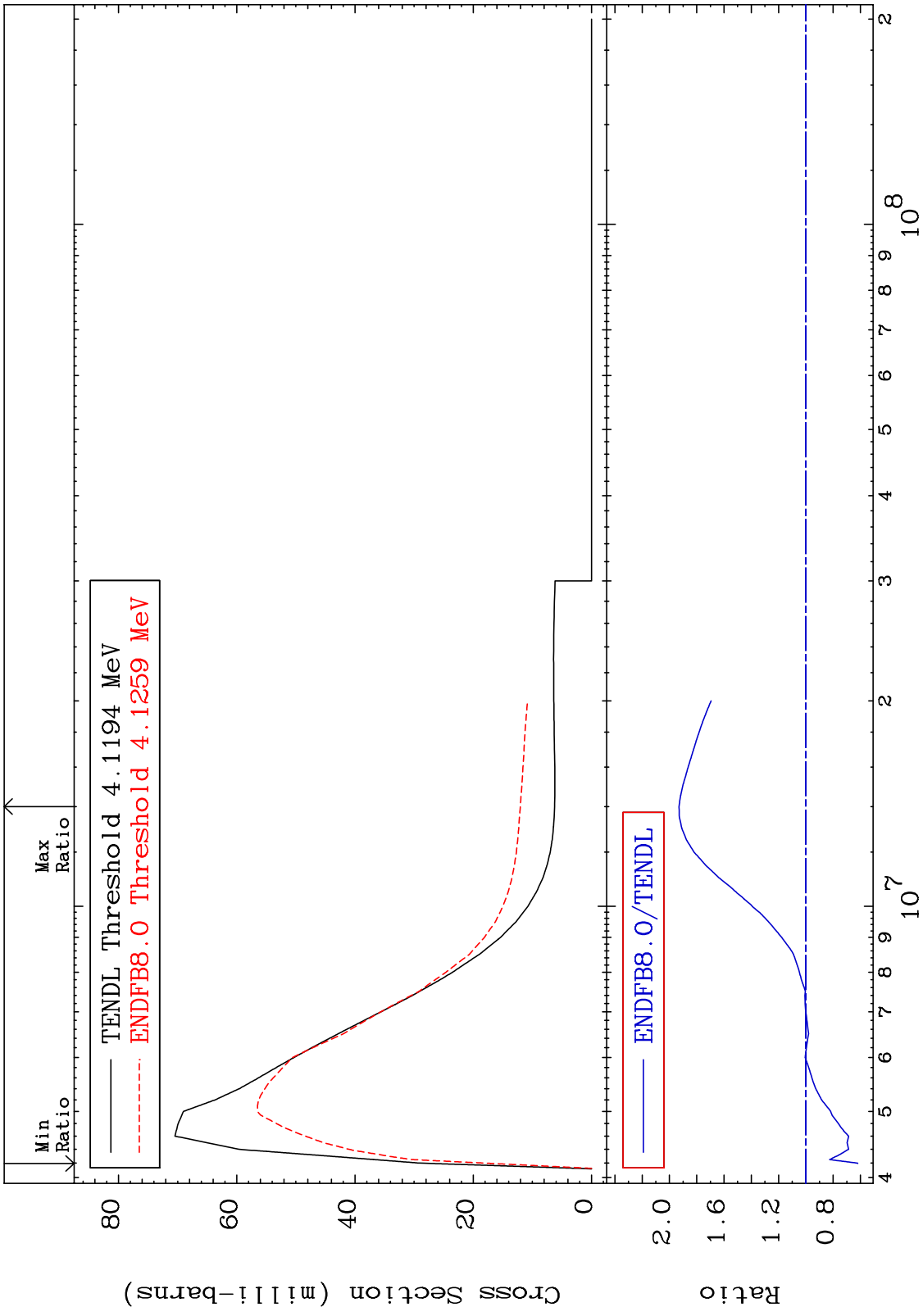
14

17-Cl-37

MAT 1731 MT= 57 (n,n') Level Cross Section 17-Cl-37
 -99.58 To 115.4 %



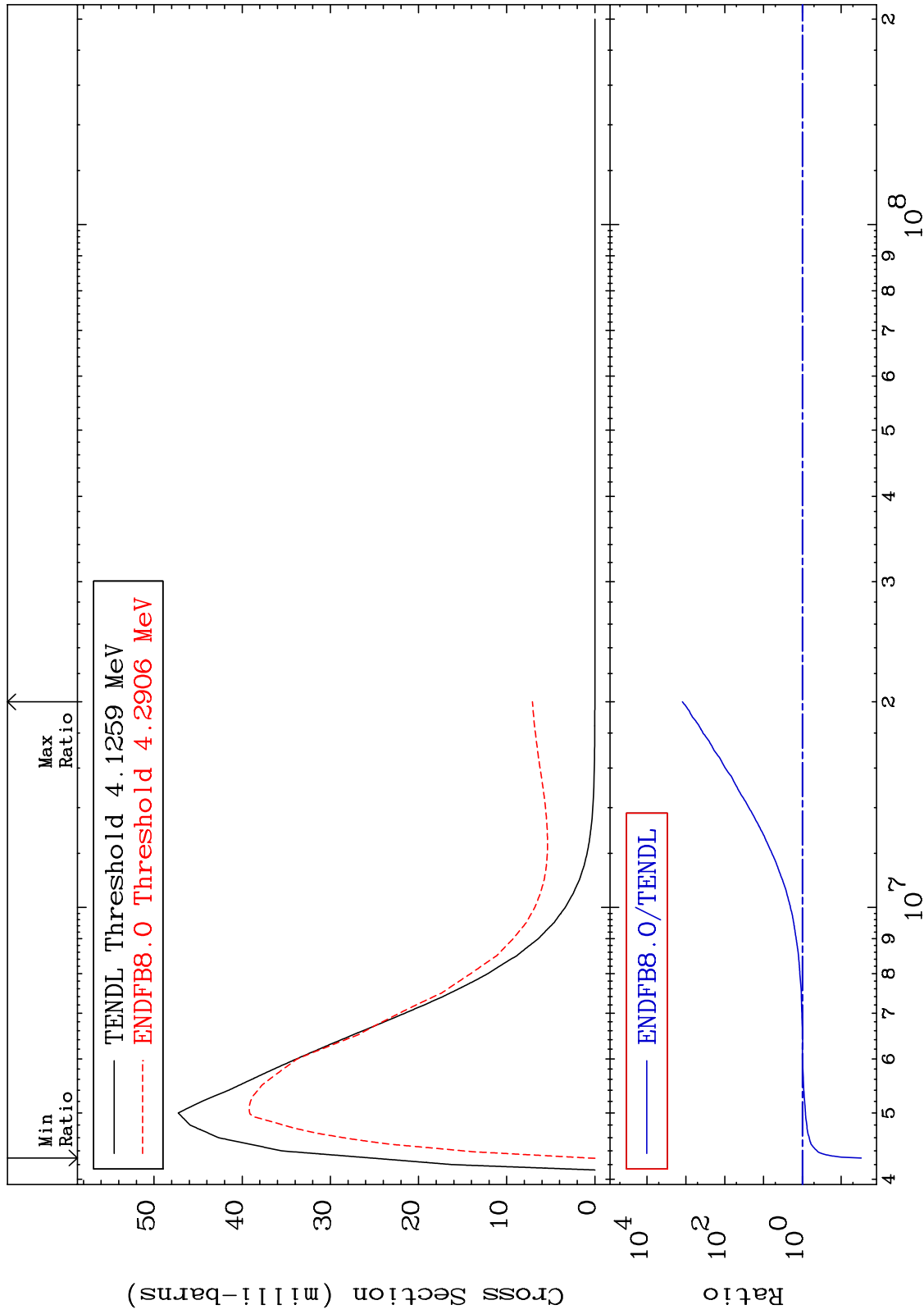
MAT 1731 MT= 58 (n,n') Level Cross Section 17-Cl-37 -38.12 To 92.95 %



MAT 1731

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

17-CI-37
-96.96 To 9999. %

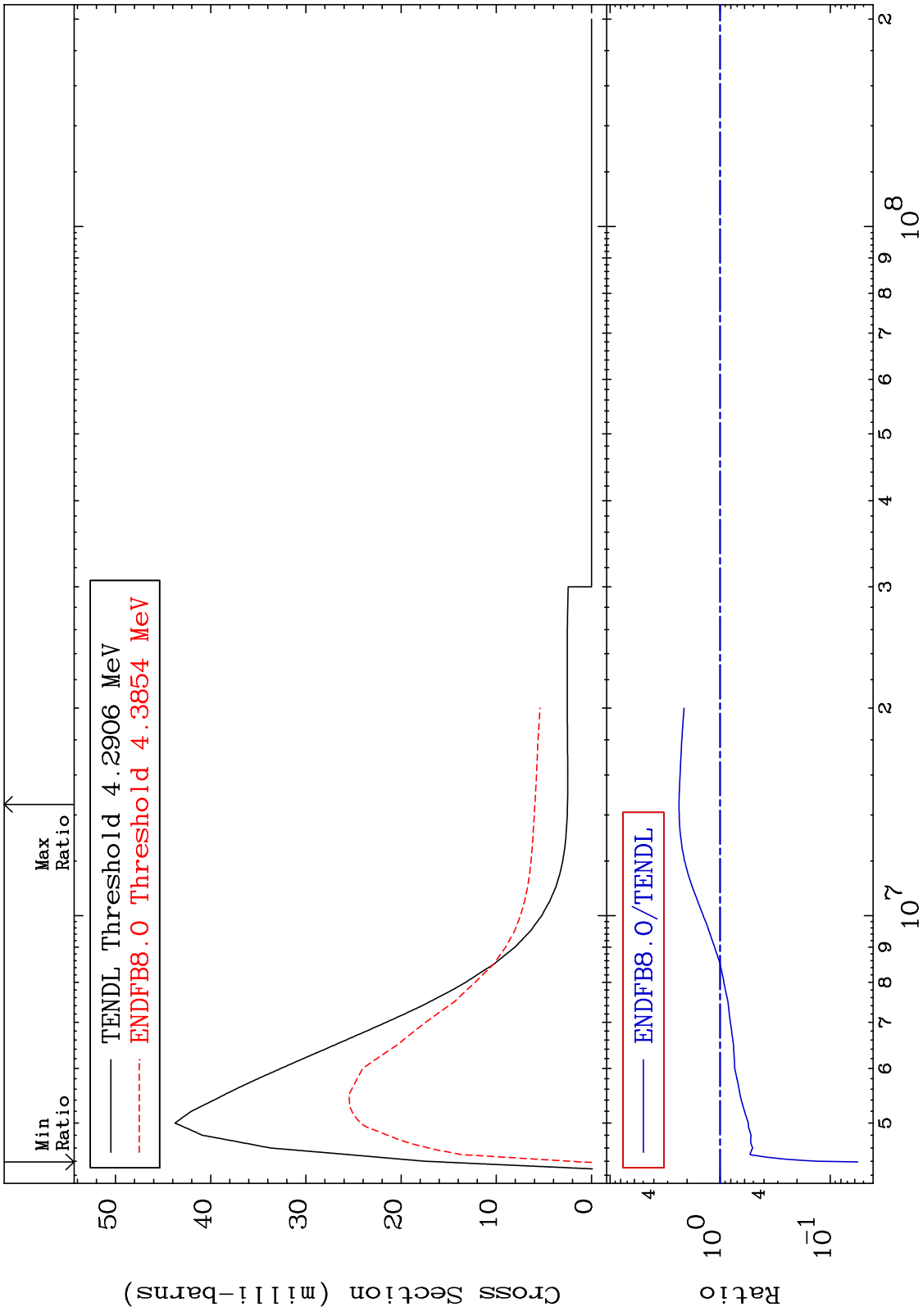


17

Incident Energy (eV)

17-CI-37

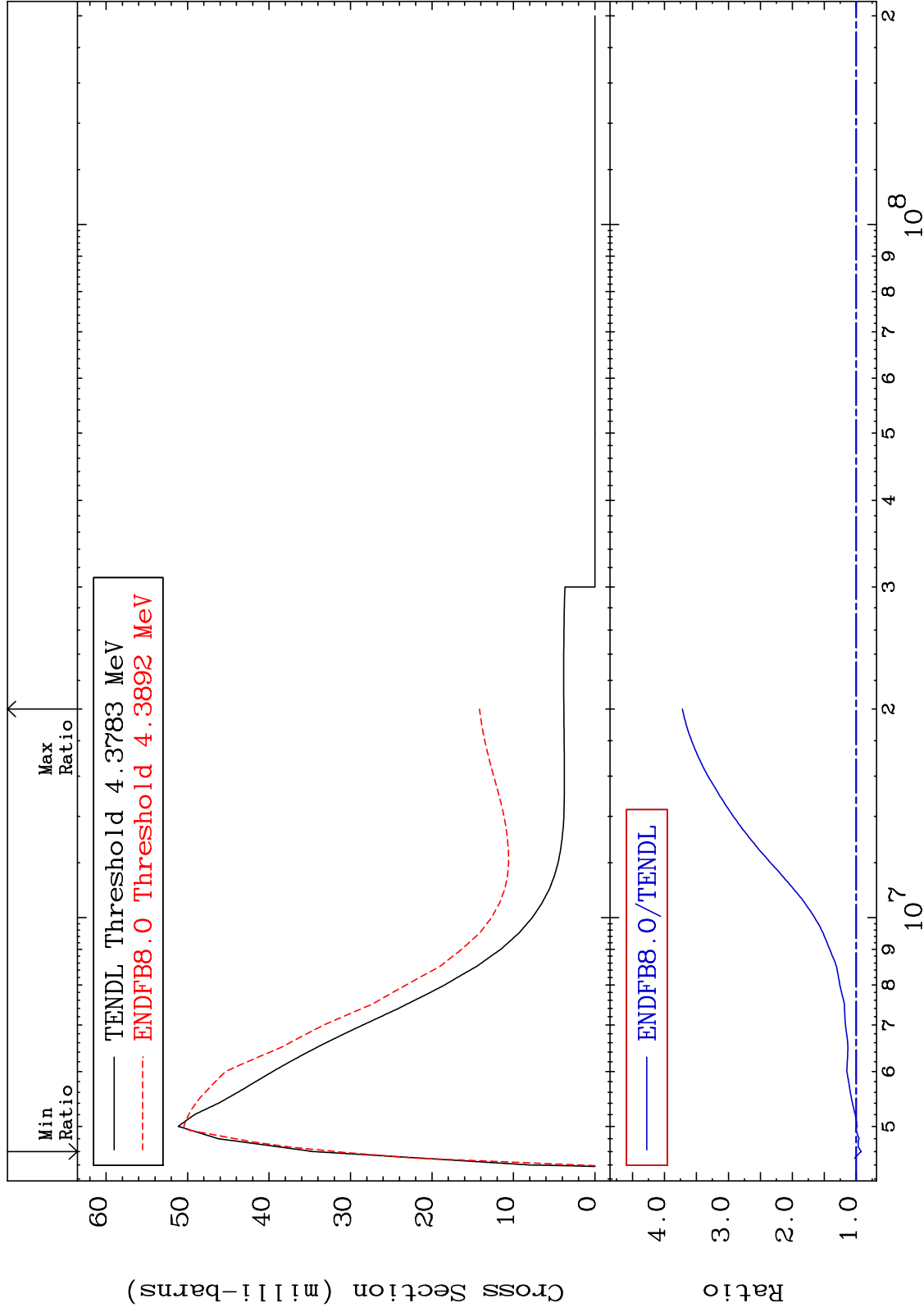
MAT 1731 MT= 60 (n,n') Level Cross Section -94.39 To 136.1 % 17-Cl-37



MAT 1731

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

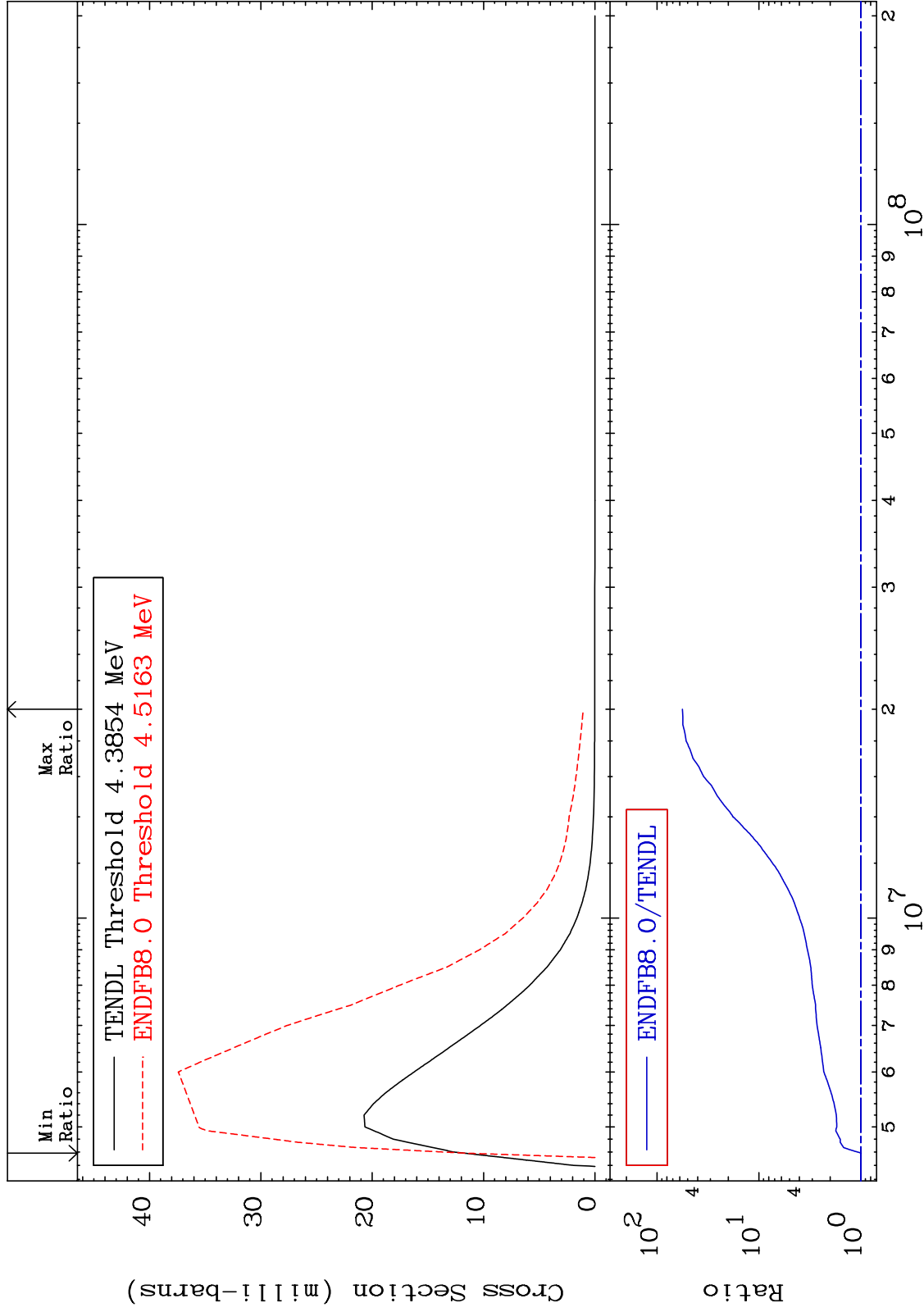
17-Cl-37
-7.969 To 271.9 %



MAT 1731

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

17-Cl-37
-1.170 To 5534. %

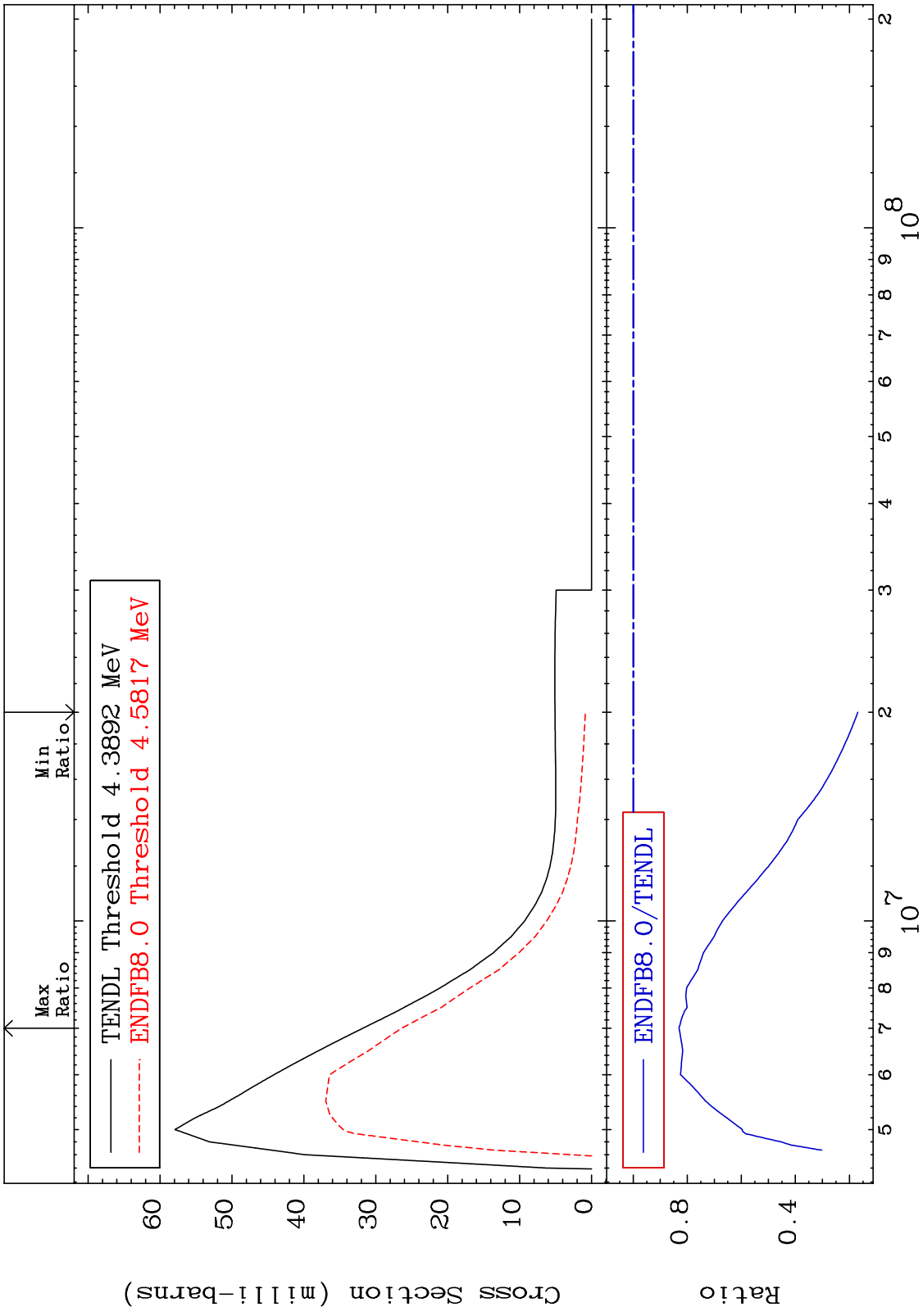


20

Incident Energy (eV)

17-Cl-37

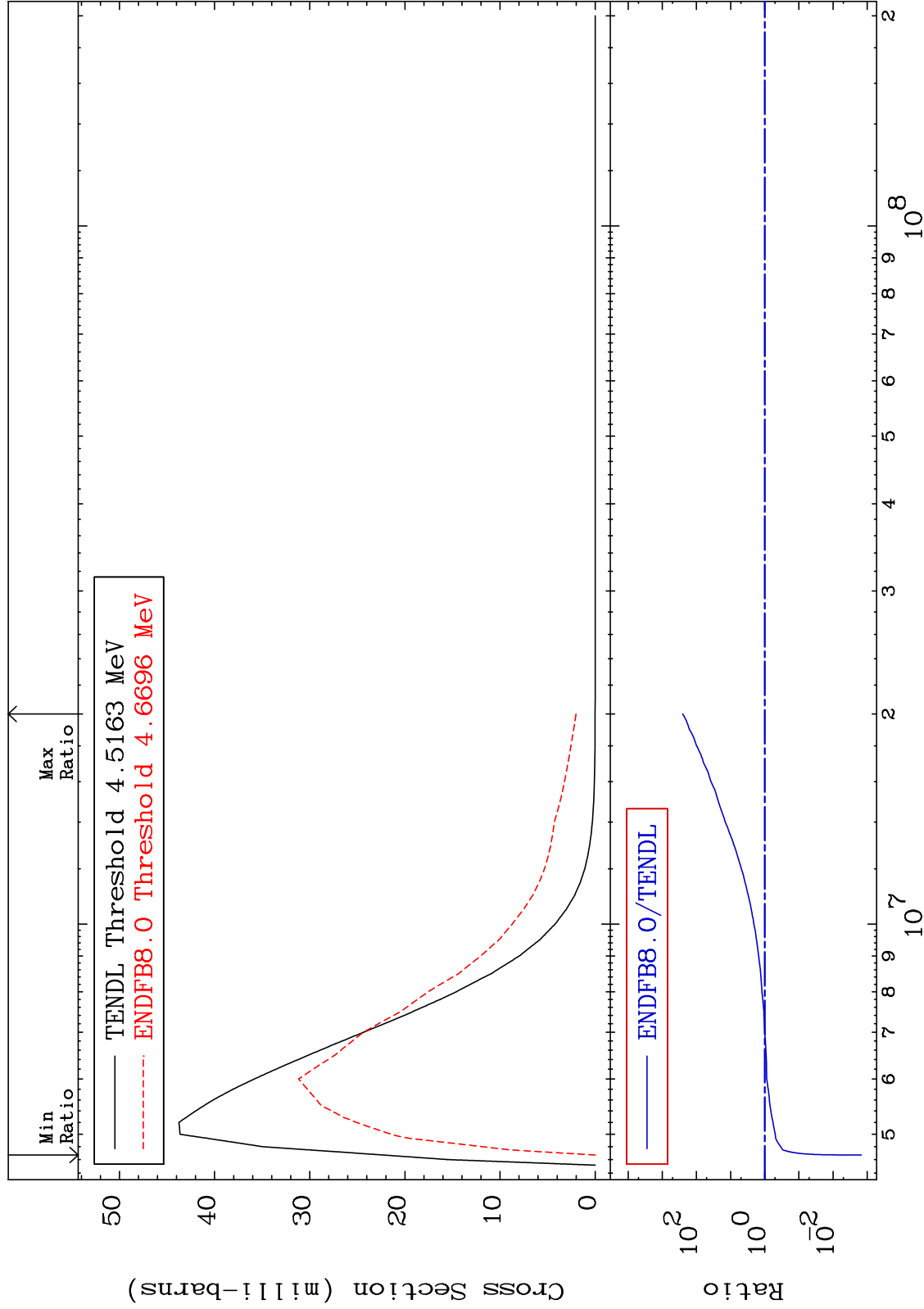
MAT 1731 MT= 63 (n,n') Level Cross Section 17-Cl-37
 -83.11 To -16.95%



MAT 1731

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

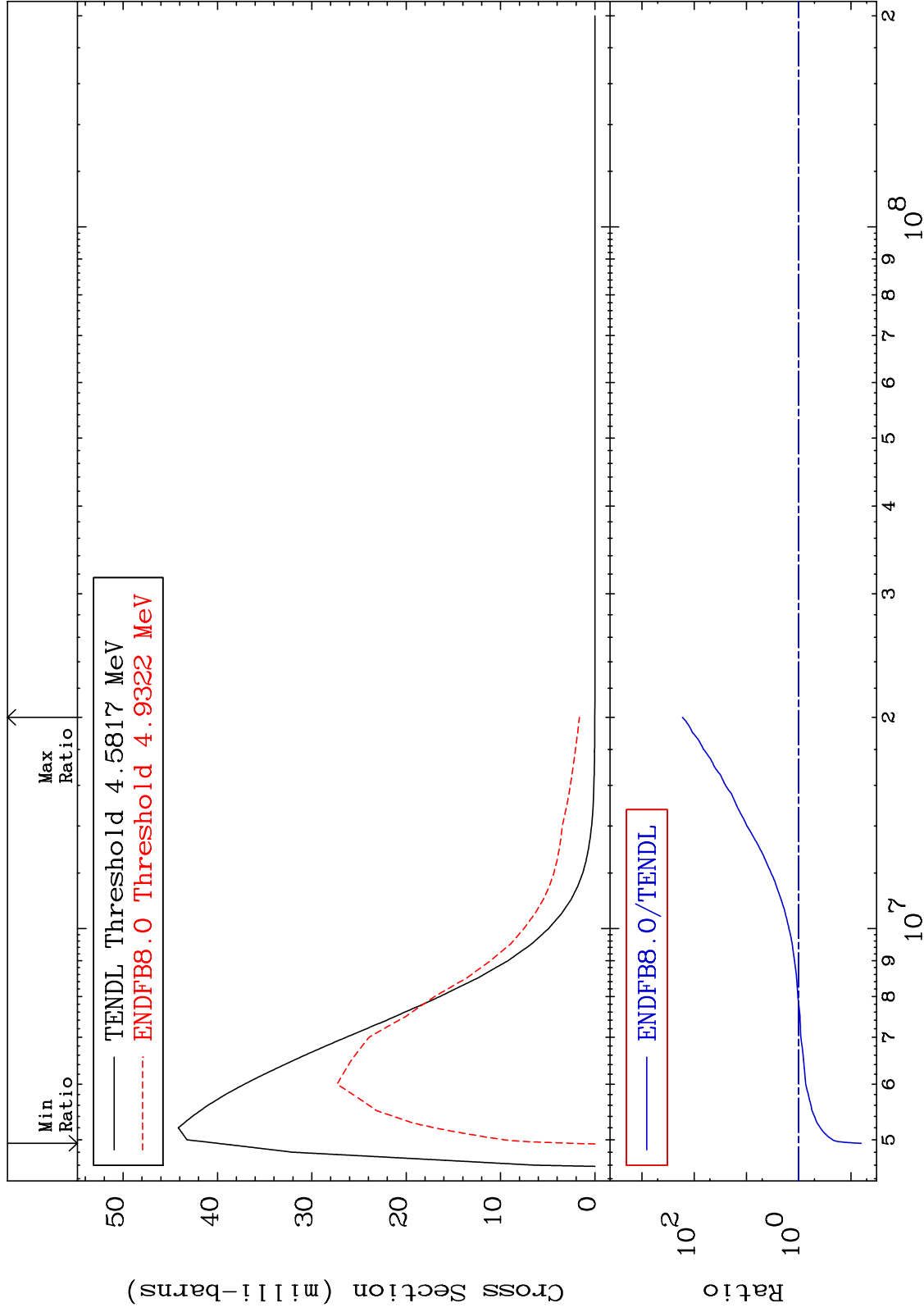
17-Cl-37
-99.85 To 9999. %



MAT 1731

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

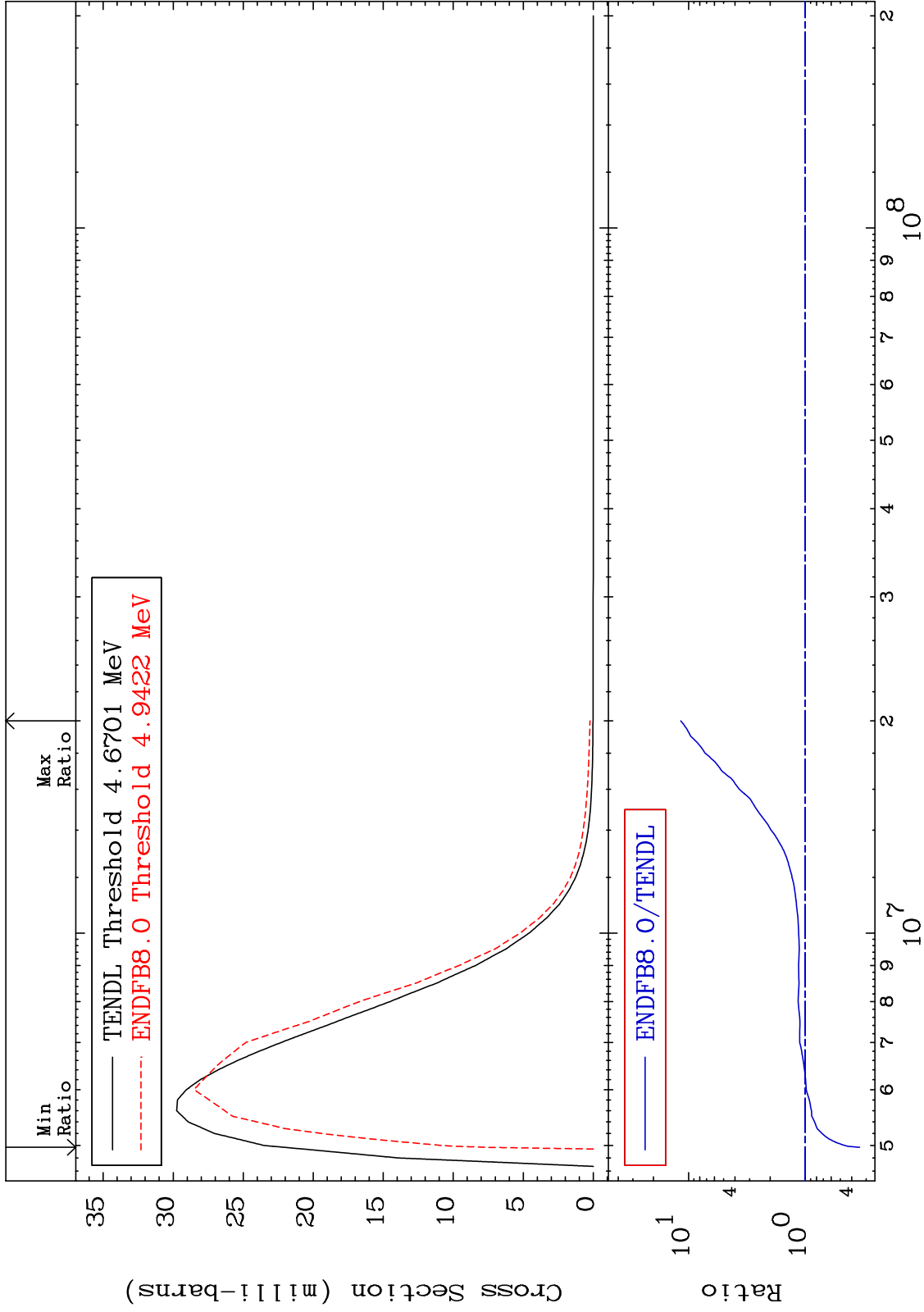
17-Cl-37
-93.67 To 9999. %



MAT 1731

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

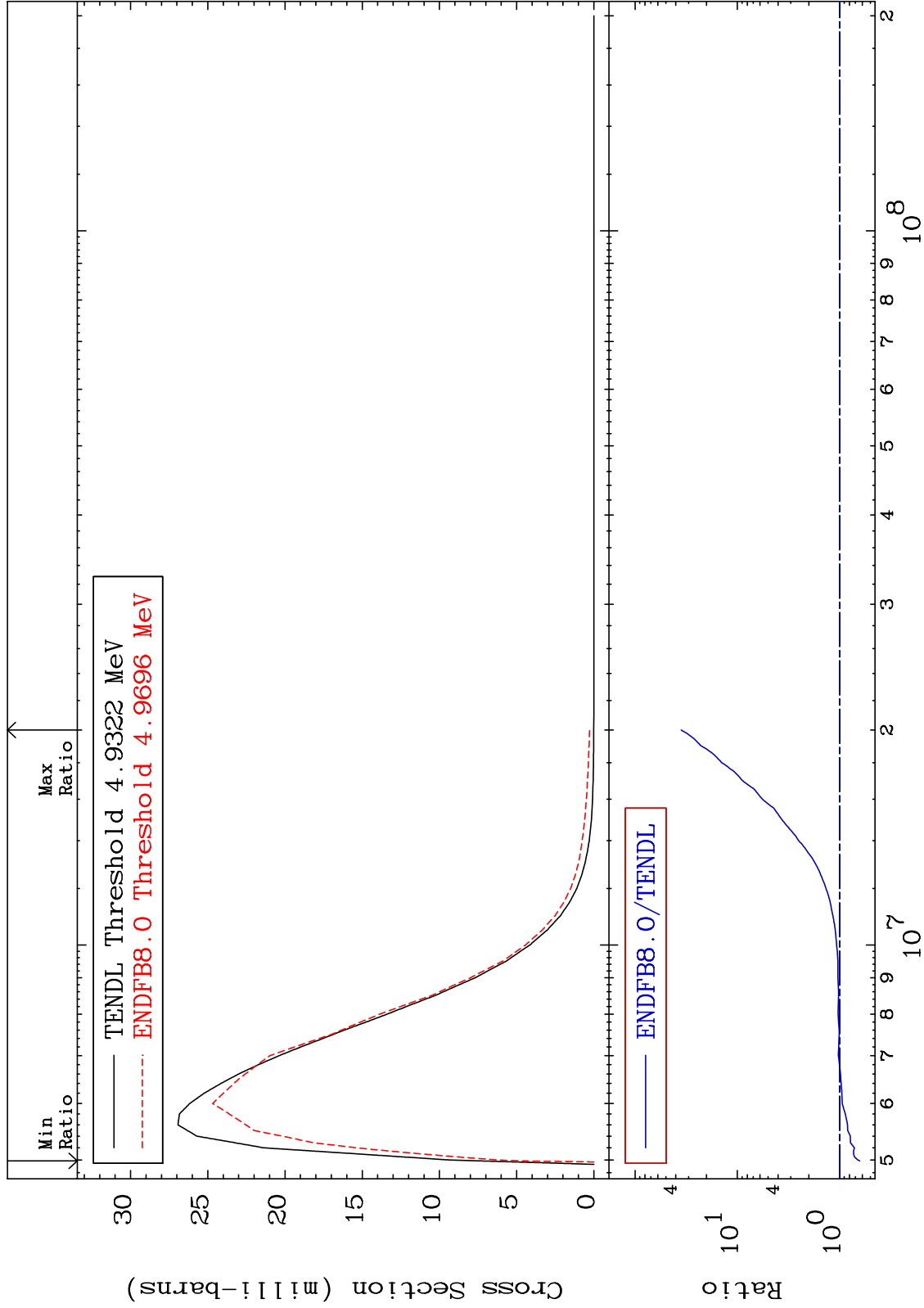
17-CI-37
-65.84 To 1065. %



MAT 1731

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

17-Cl-37
-36.47 To 3437. %



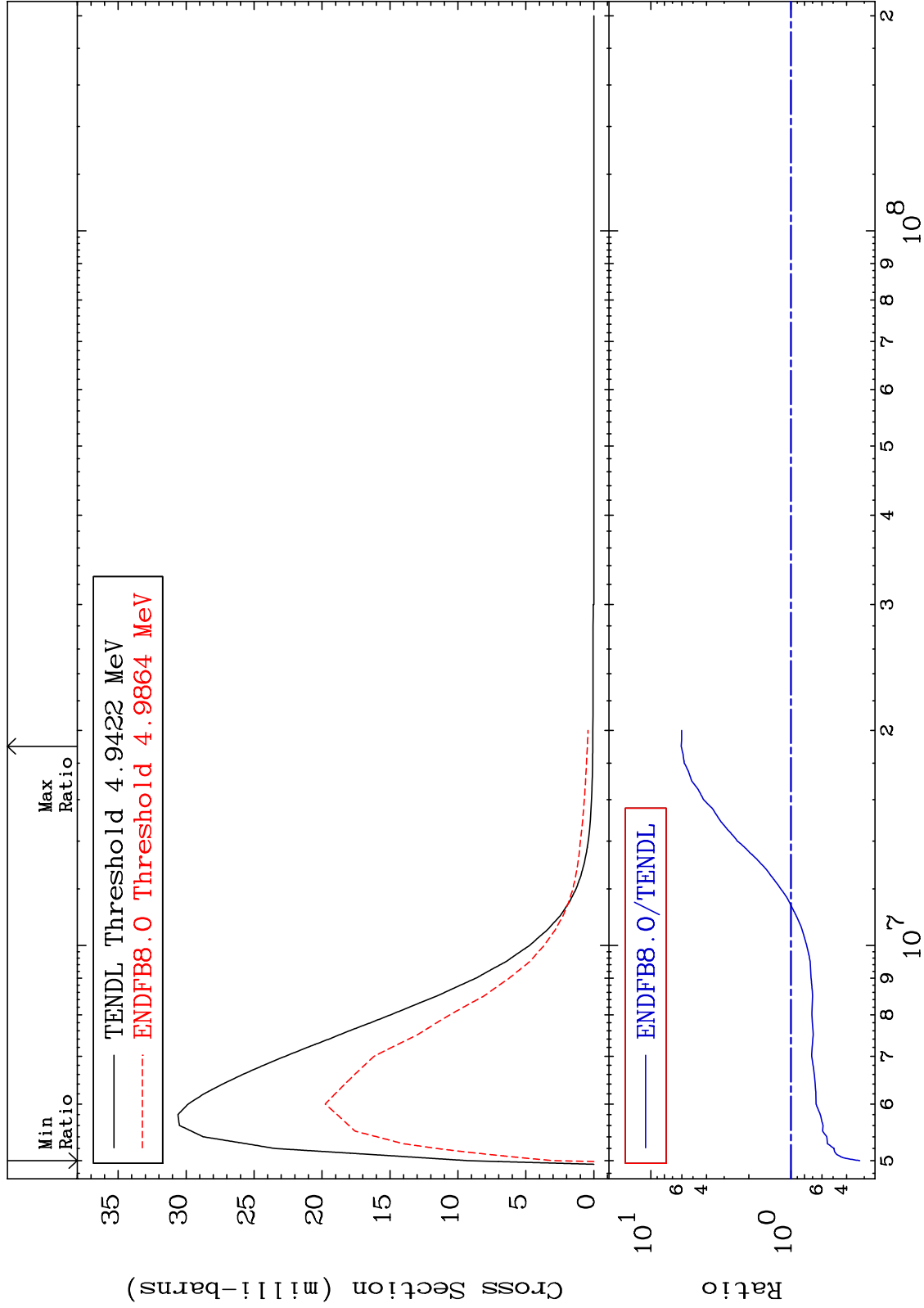
25

17-Cl-37

MAT 1731

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

17-Cl-37
-67.73 To 506.6 %



26

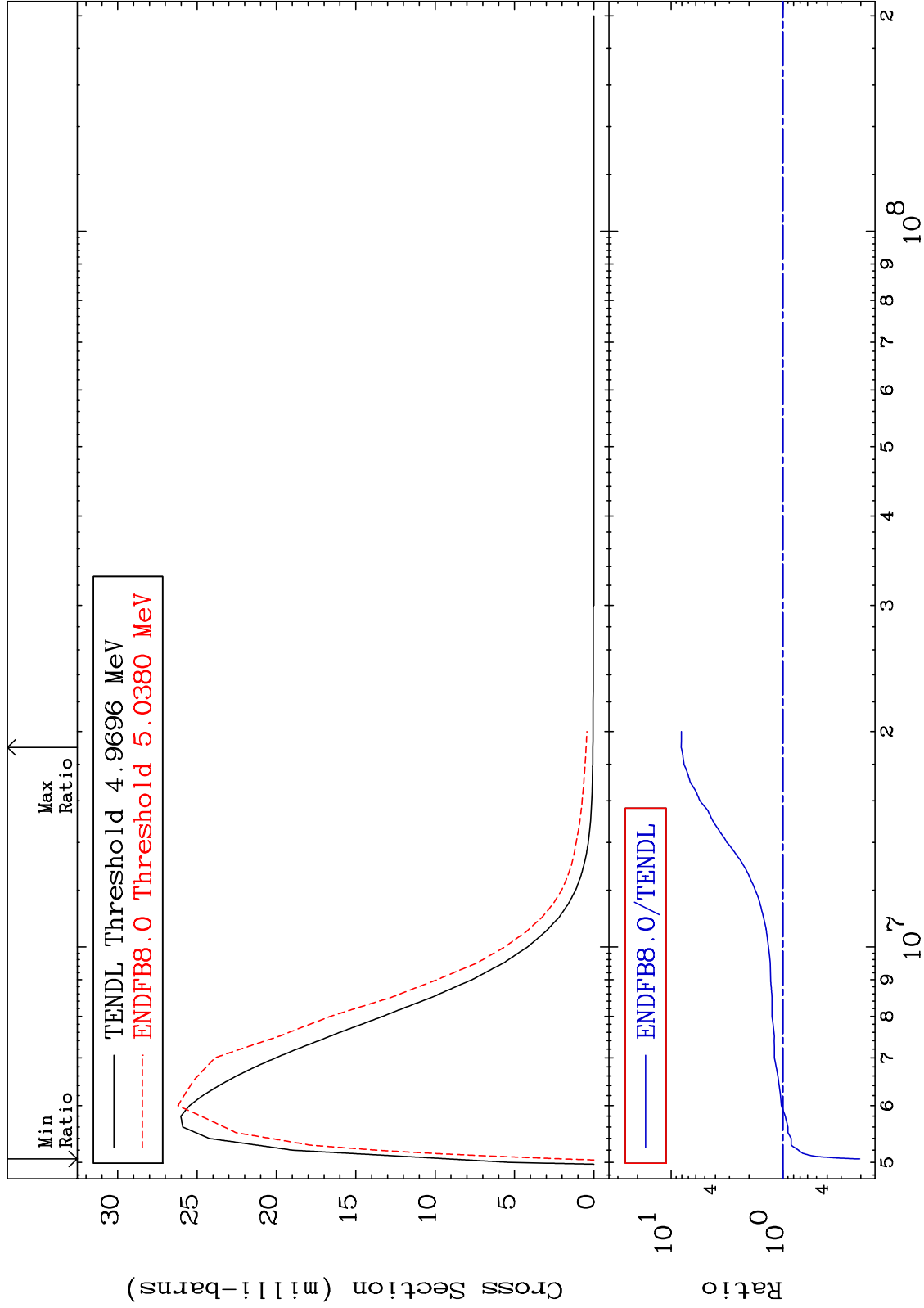
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-79.55 To 711.1 %



27

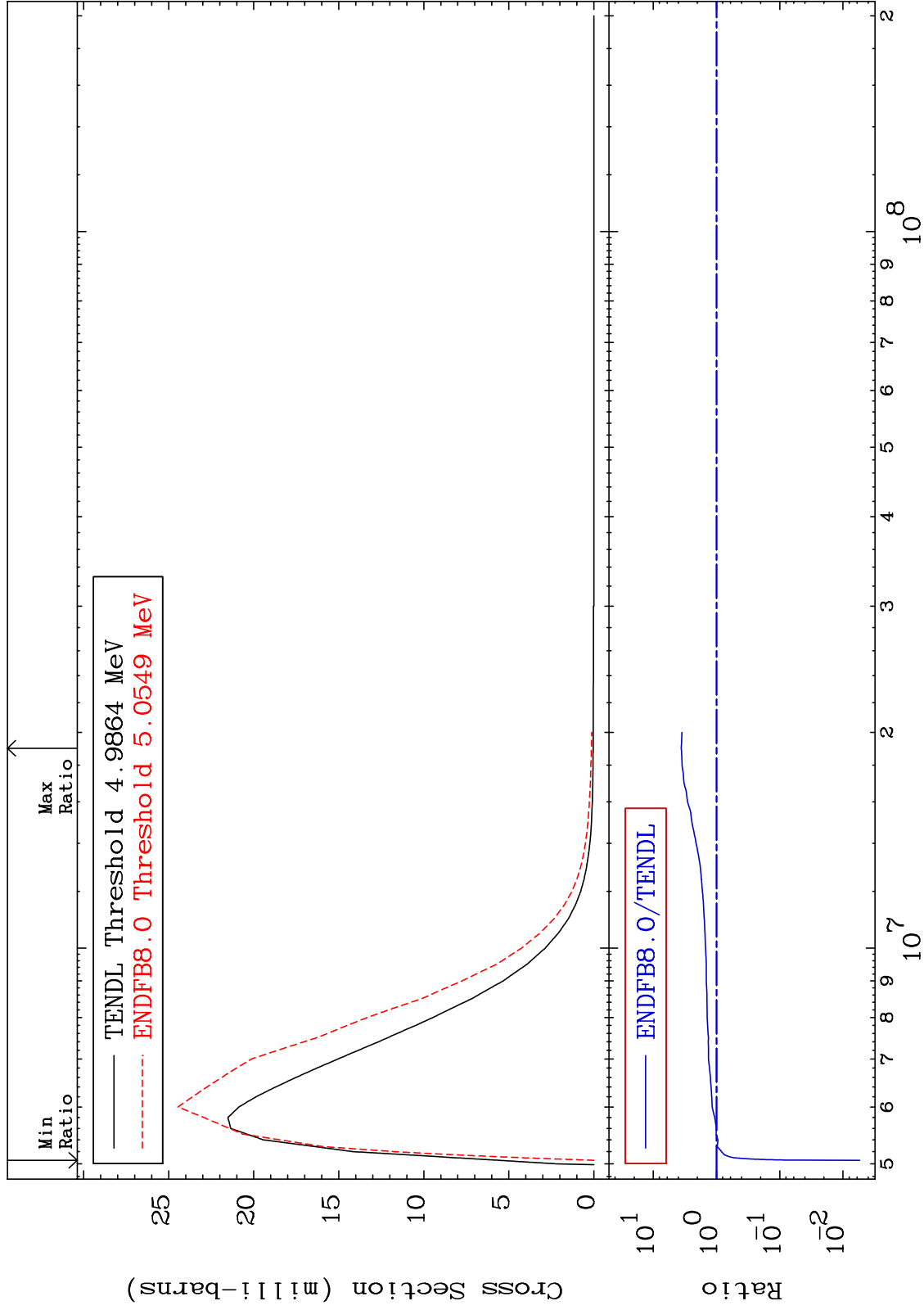
Incident Energy (eV)

17-Cl-37

MAT 1731

MT= 70 (n,n') Level
Cross Section

17-Cl-37
-99.46 To 260.5 %



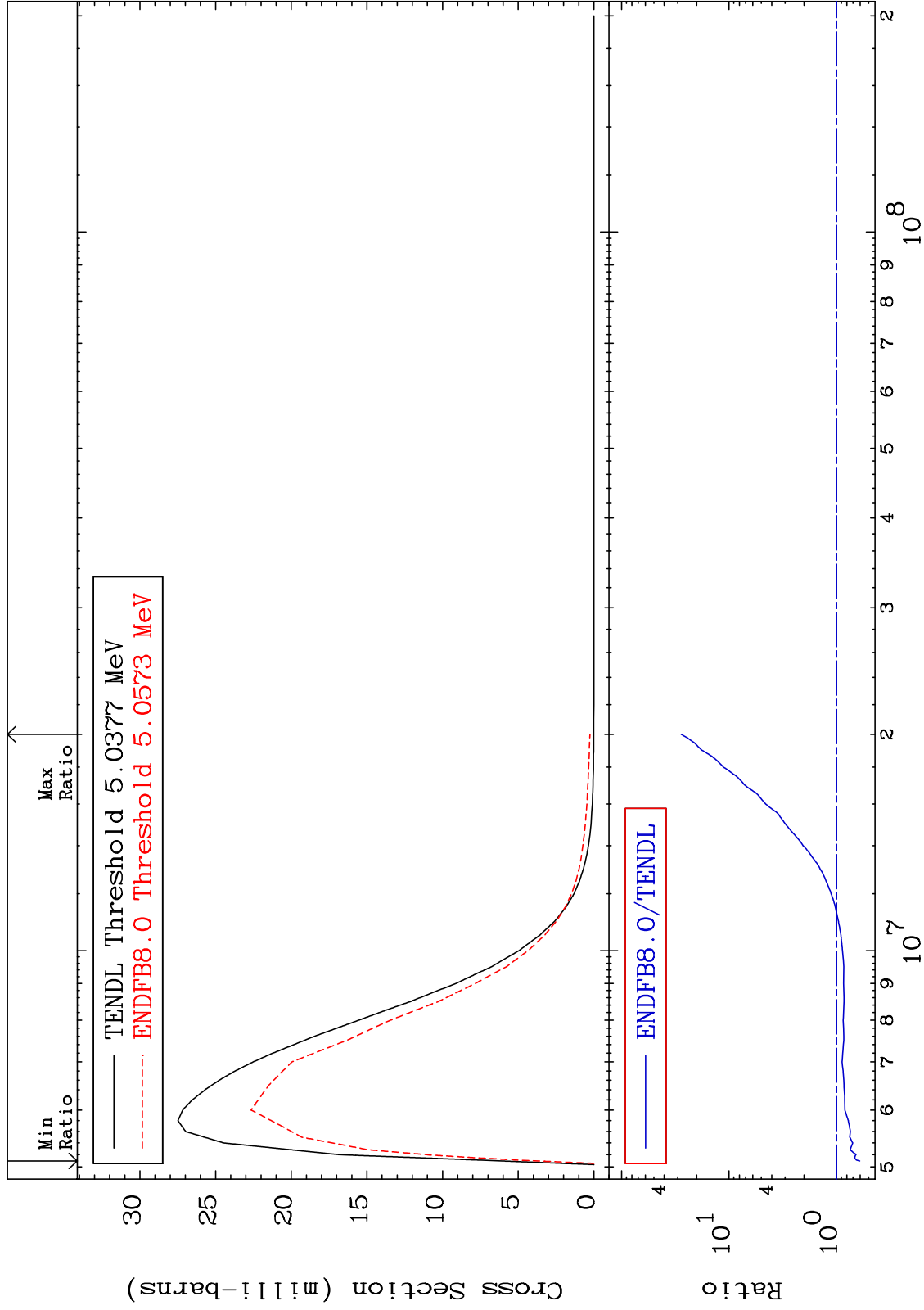
28

17-Cl-37

MAT 1731

MT= 71 (n,n') Level
Cross Section

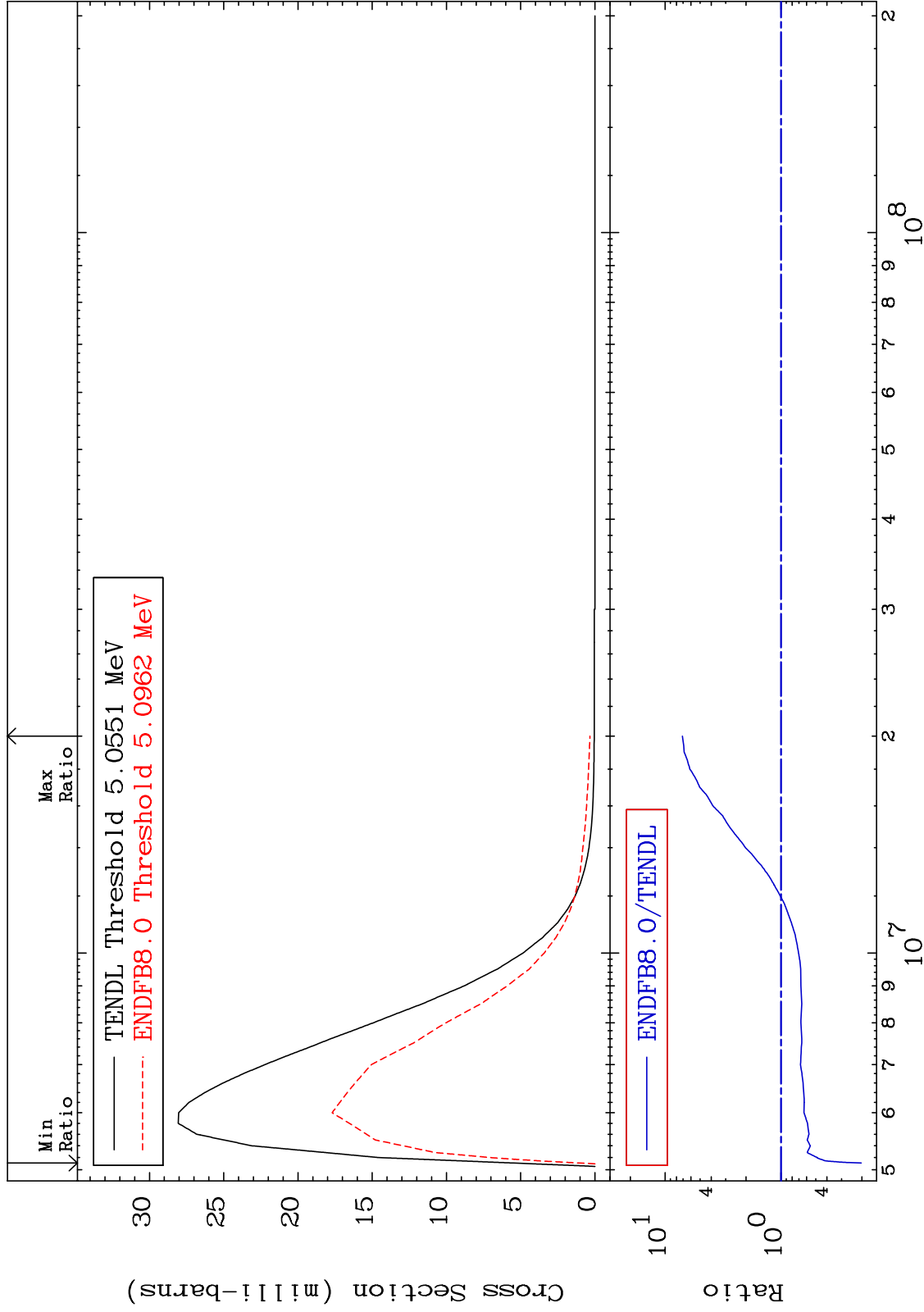
17-Cl-37
-39.39 To 2679. %



MAT 1731

MT= 72 (n,n') Level
Cross Section

17-Cl-37
-79.77 To 609.0 %



30

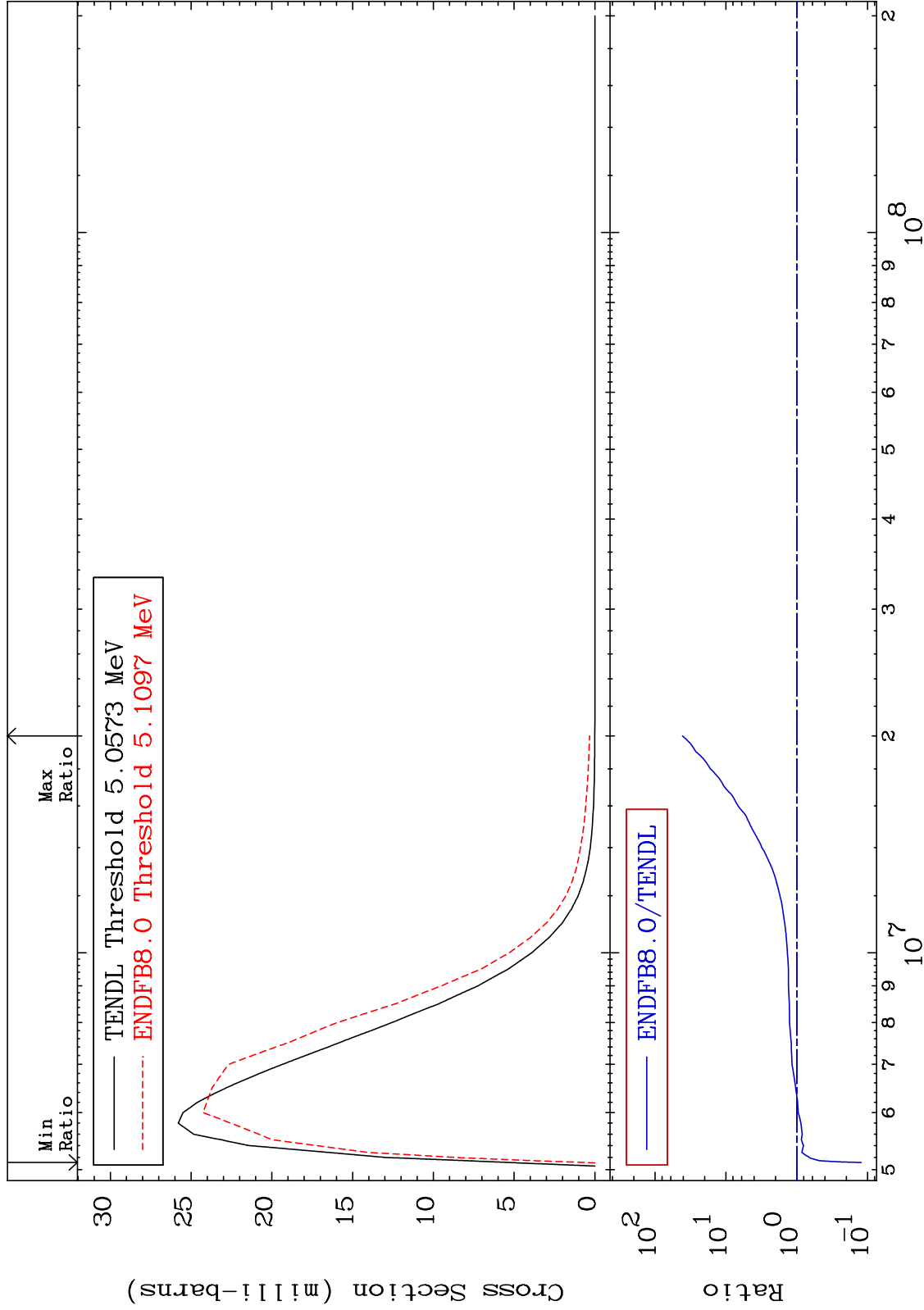
Incident Energy (eV)

17-Cl-37

MAT 1731

MT= 73 (n,n') Level
Cross Section

17-CI-37
-87.70 To 4013. %

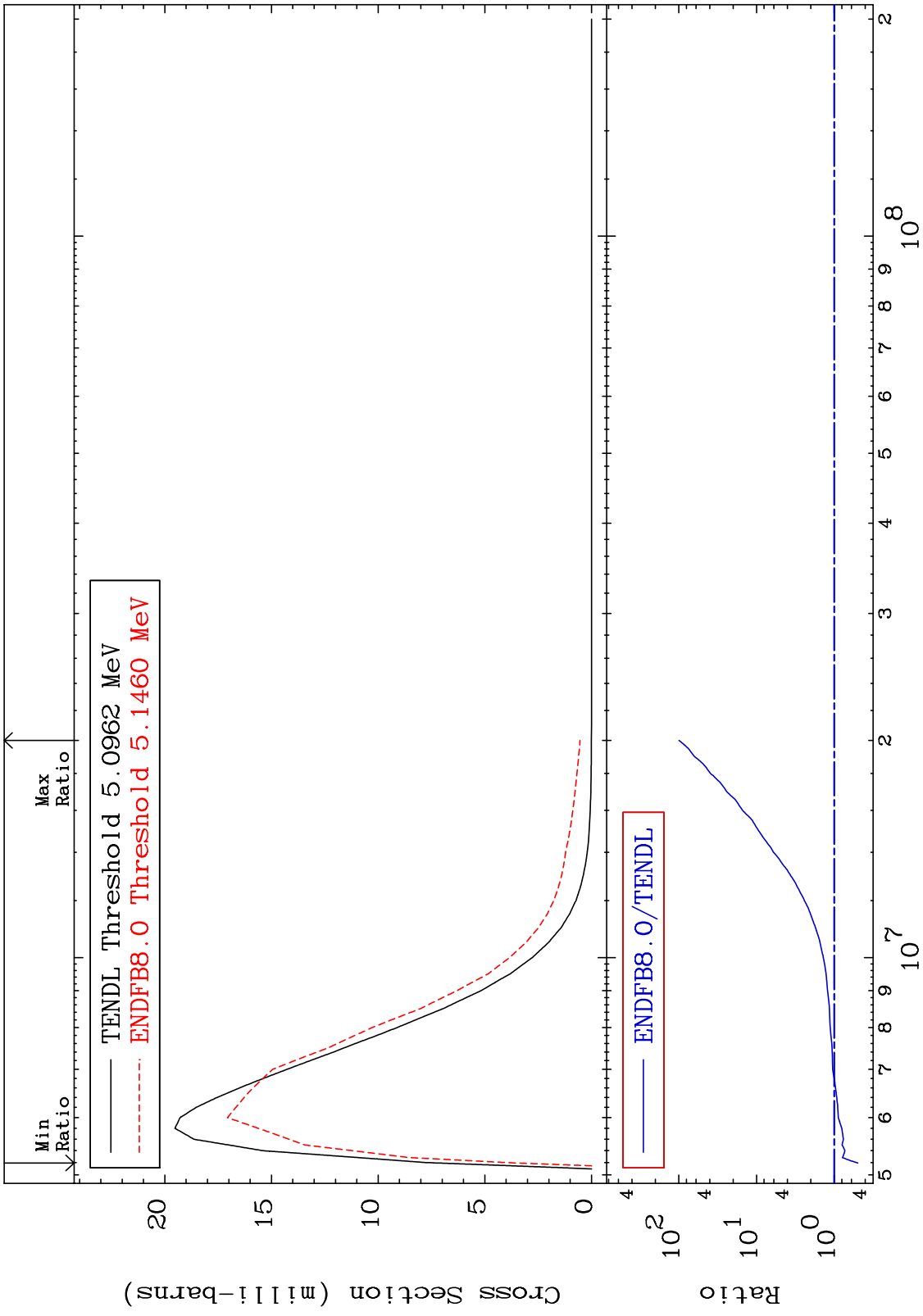


31

Incident Energy (eV)

17-CI-37

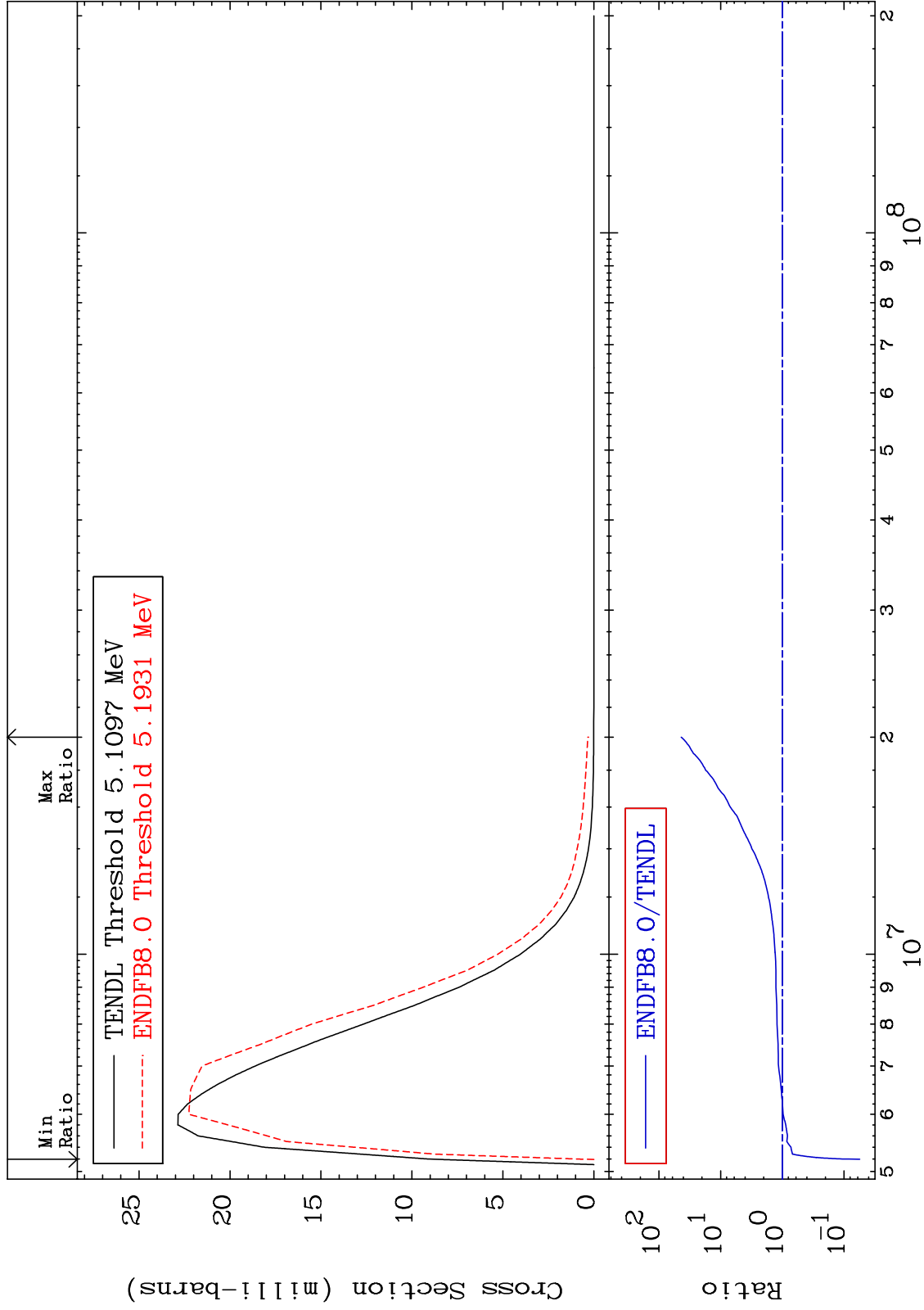
MAT 1731 MT= 74 (n,n') Level Cross Section 17-Cl-37
 -50.35 To 9825. %



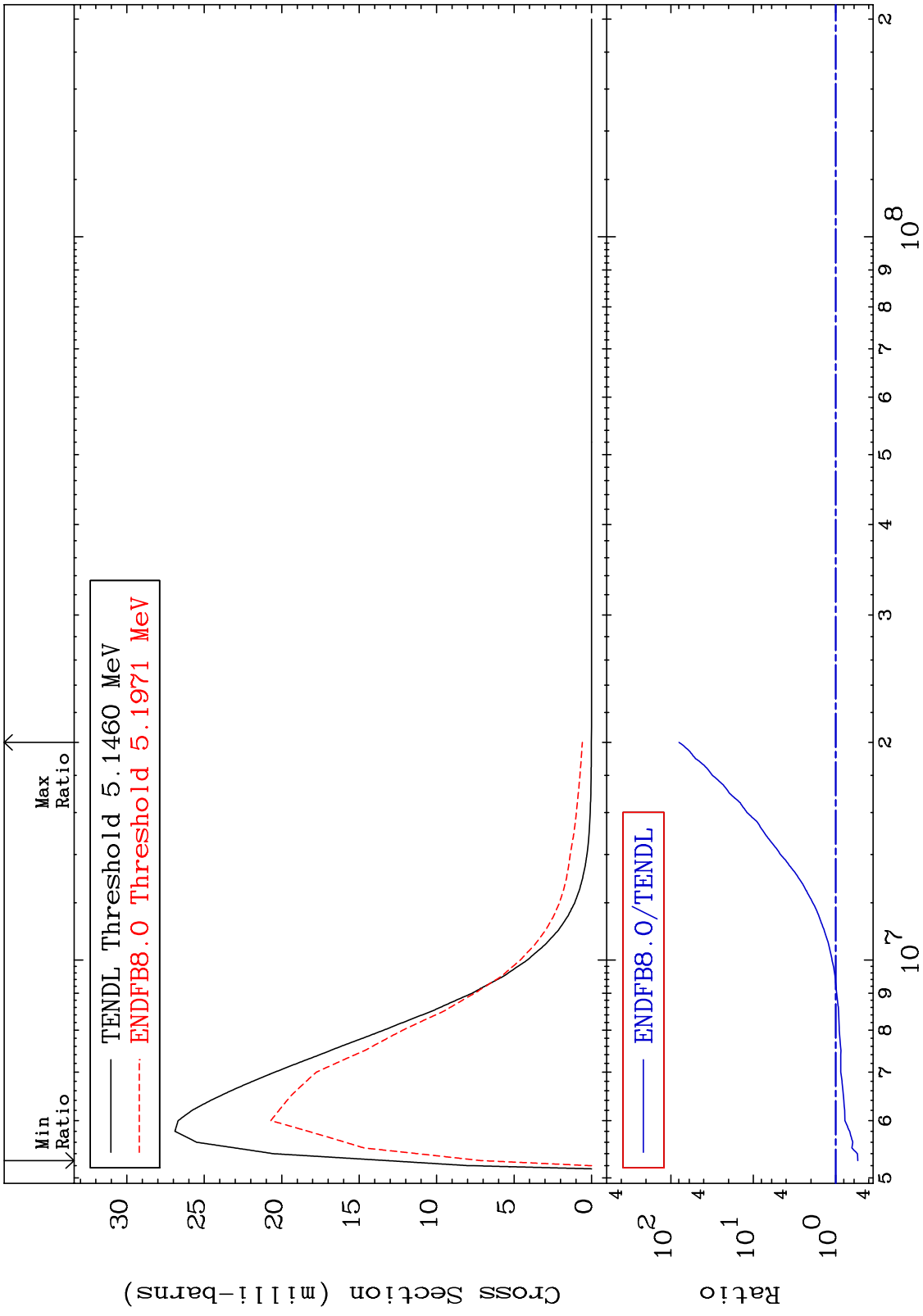
MAT 1731

MT= 75 (n,n') Level
Cross Section

17-CI-37
-94.43 To 4238. %



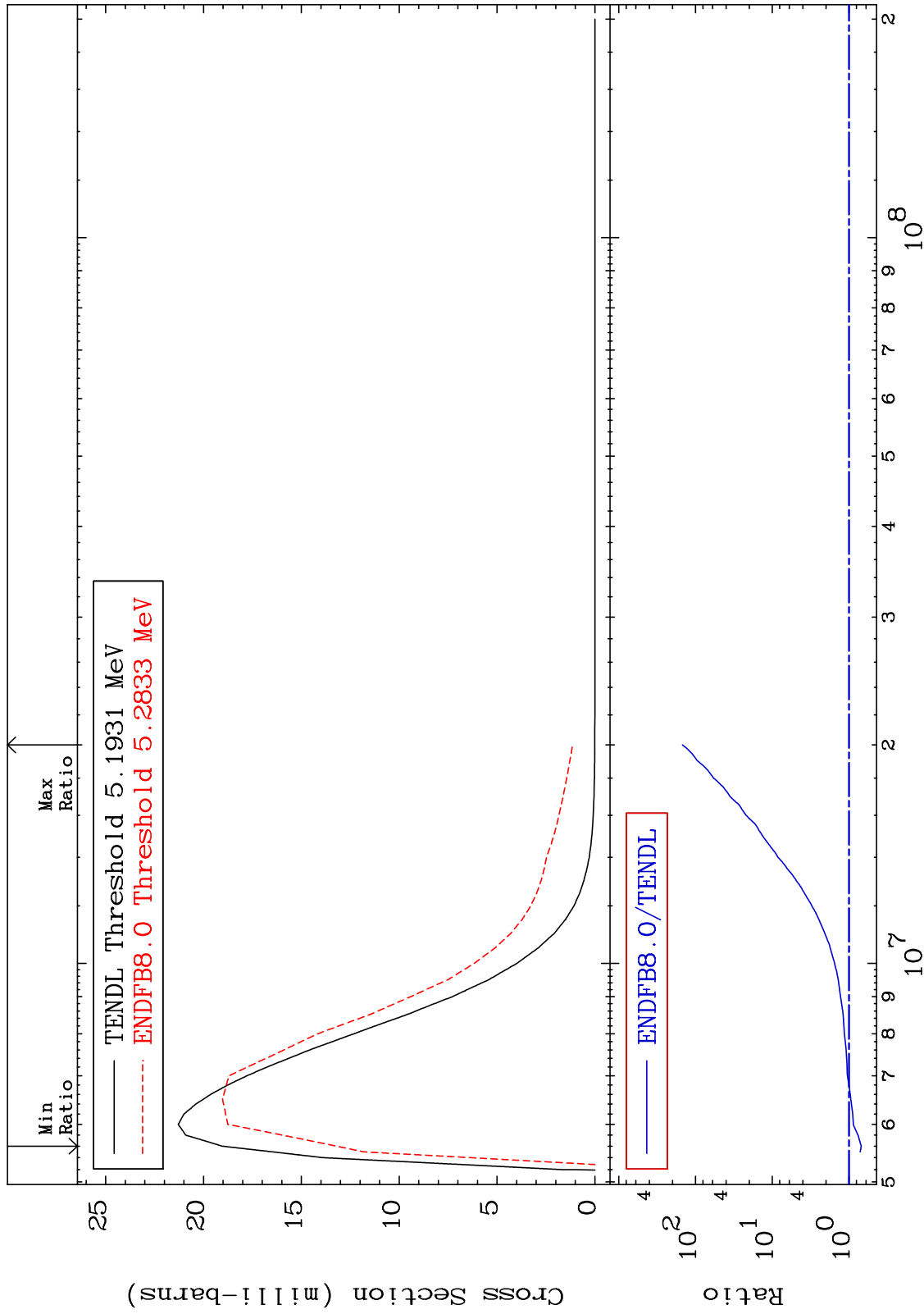
MAT 1731 MT= 76 (n,n') Level Cross Section -45.93 To 7860. % 17-CI-37

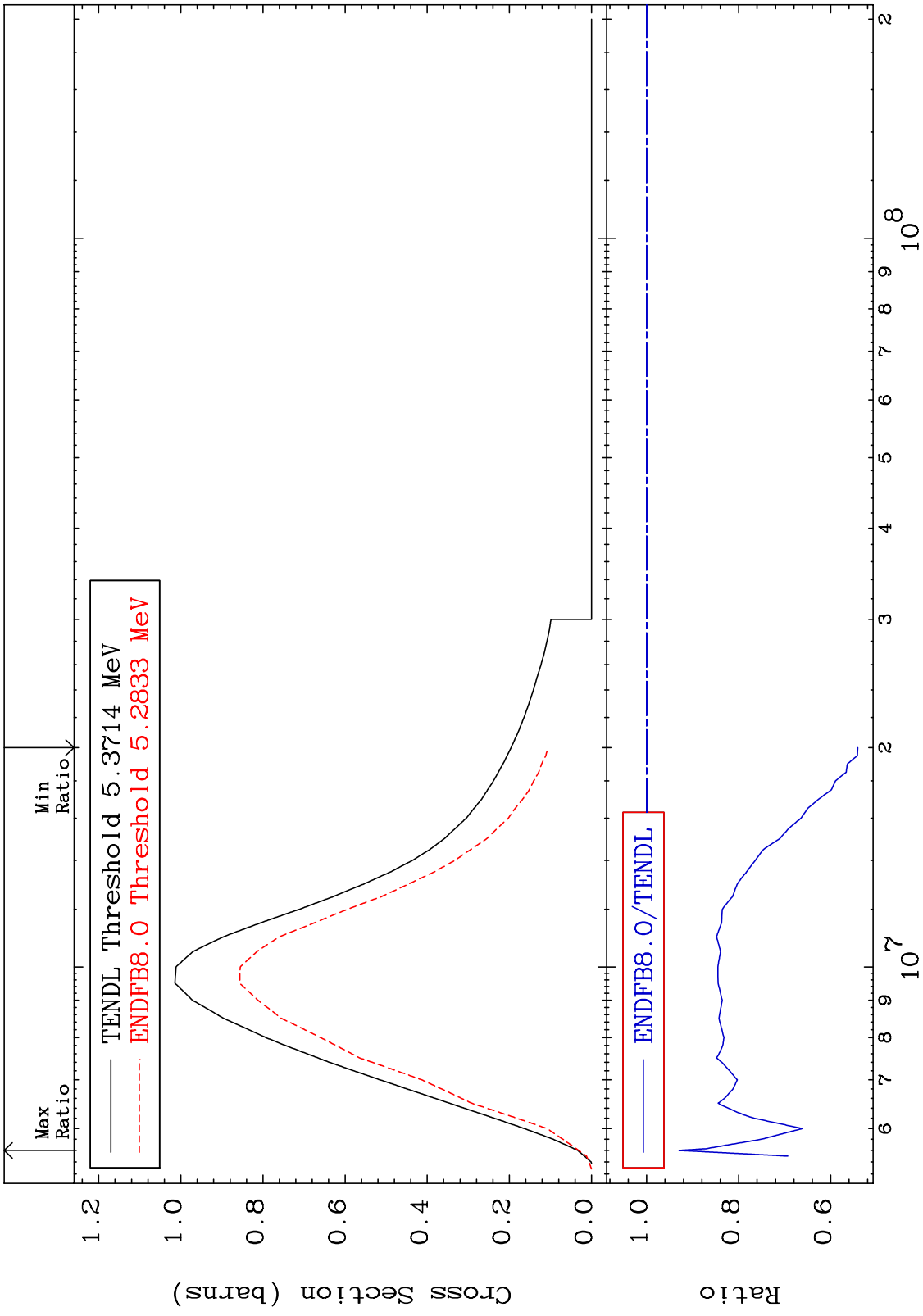


MAT 1731

MT= 77 (n,n') Level
Cross Section

17-Cl-37
-30.70 To 9999. %





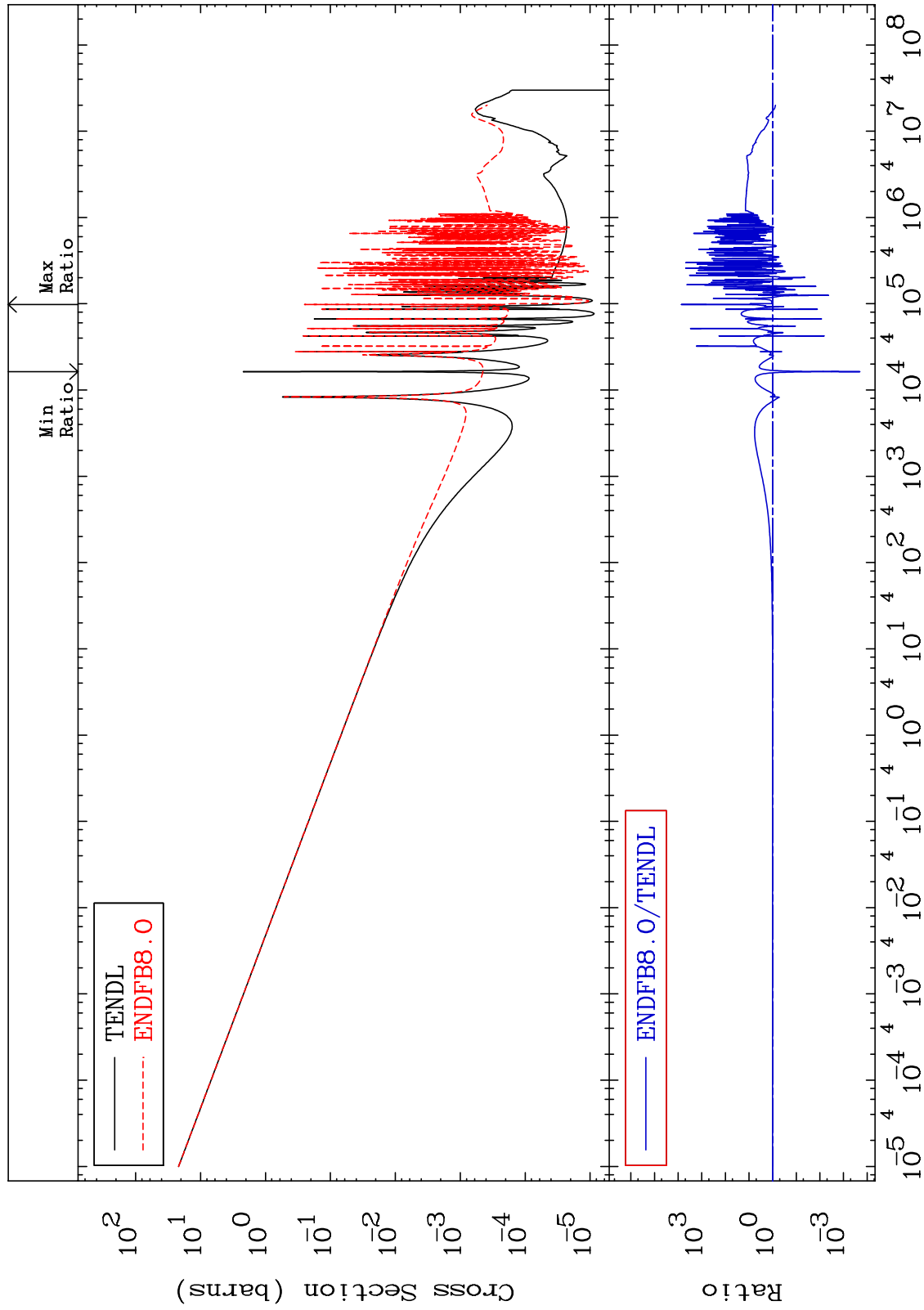
MAT 1731

(n, γ)

17-Cl-37

Cross Section

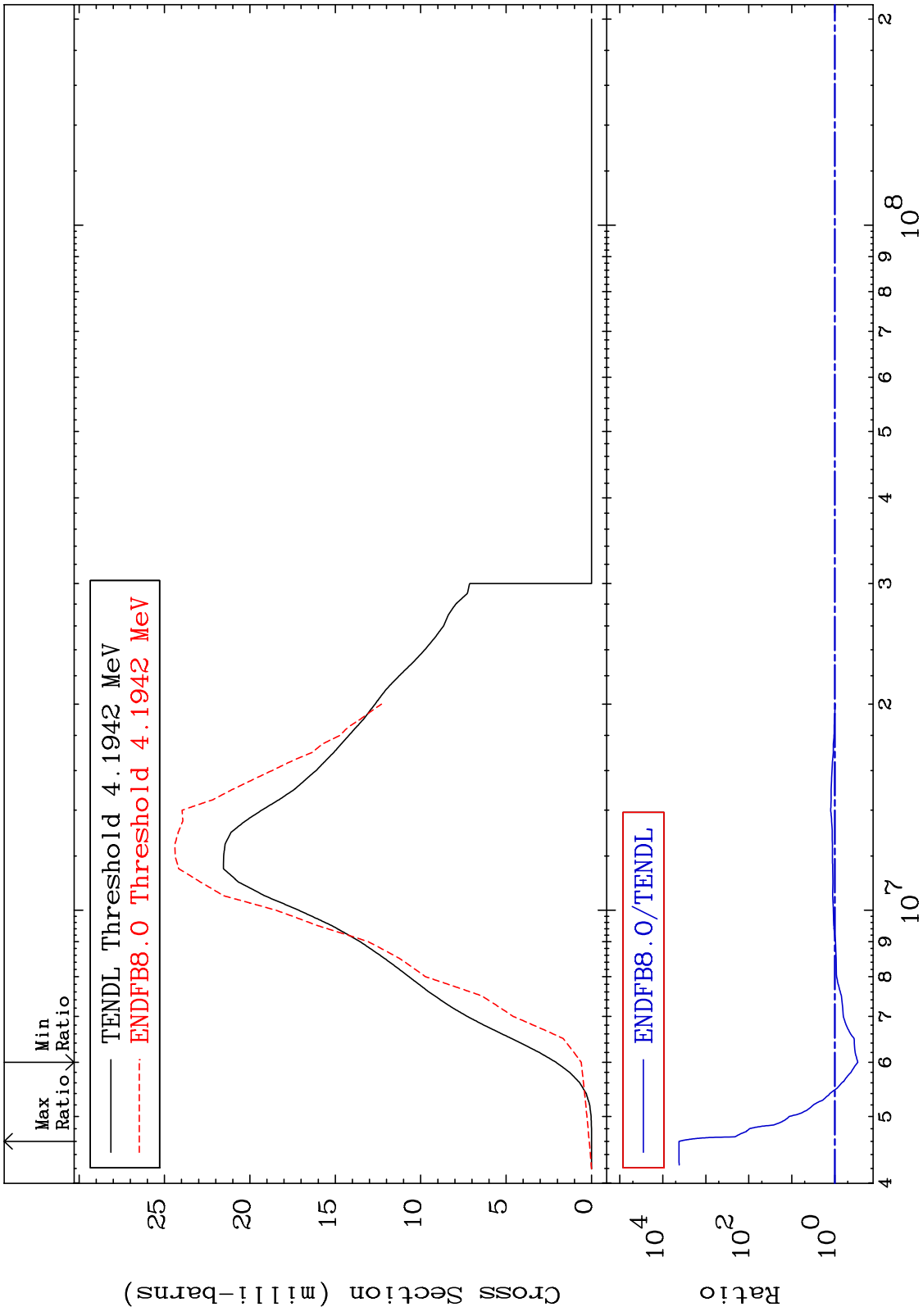
-99.98 To 9999. %

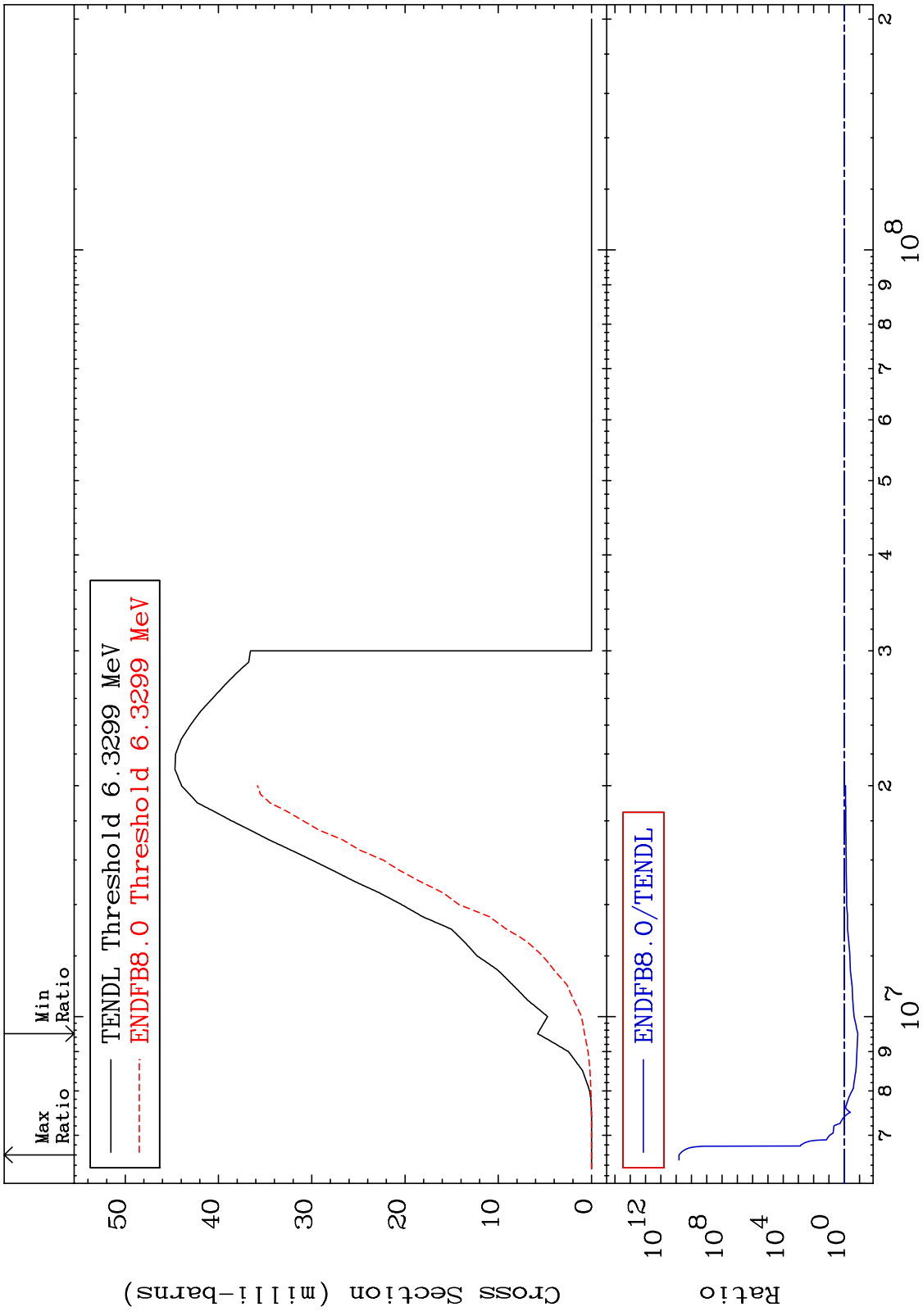


37

Incident Energy (eV)

17-Cl-37





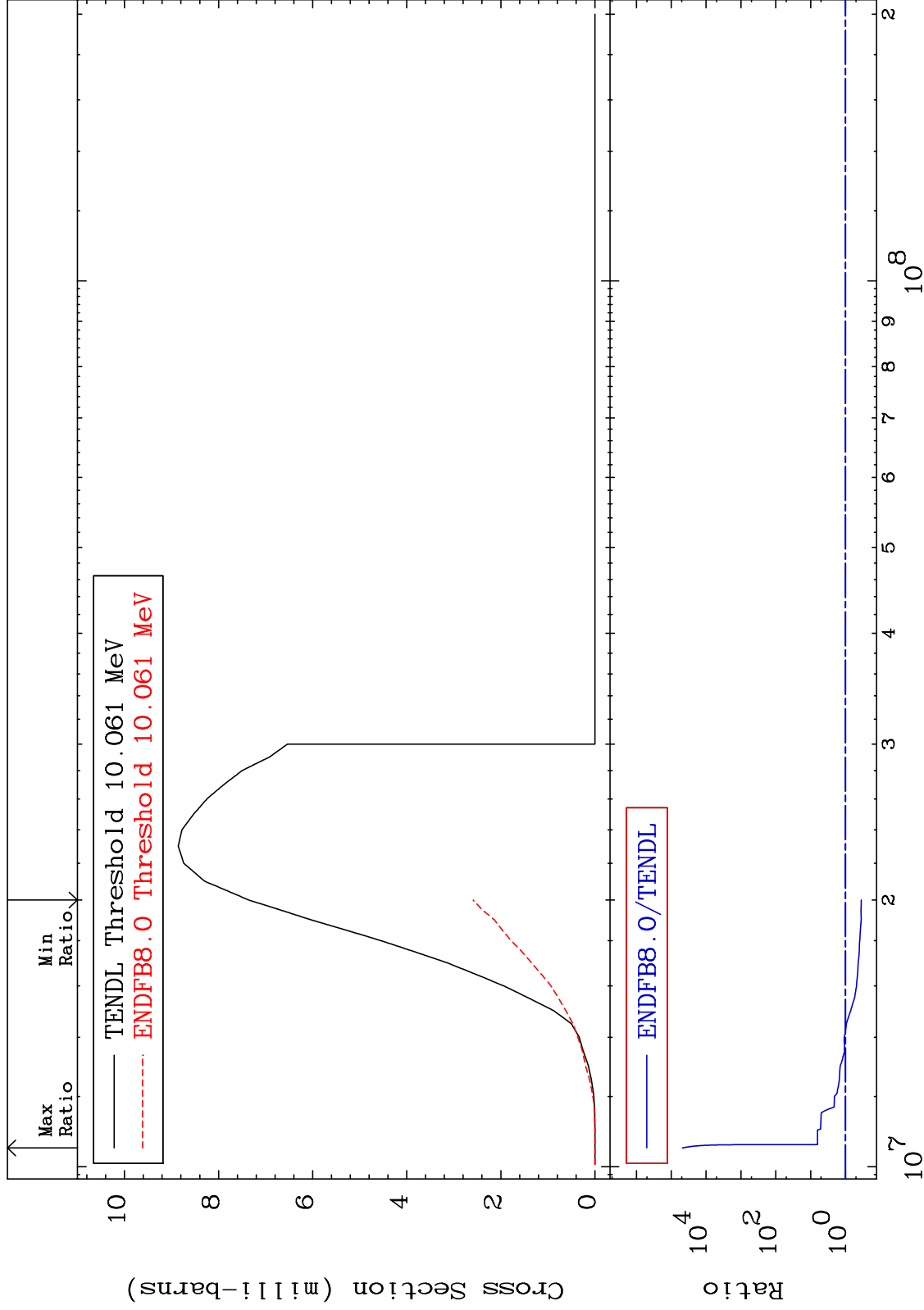
MAT 1731

(n,t)

17-Cl-37

Cross Section

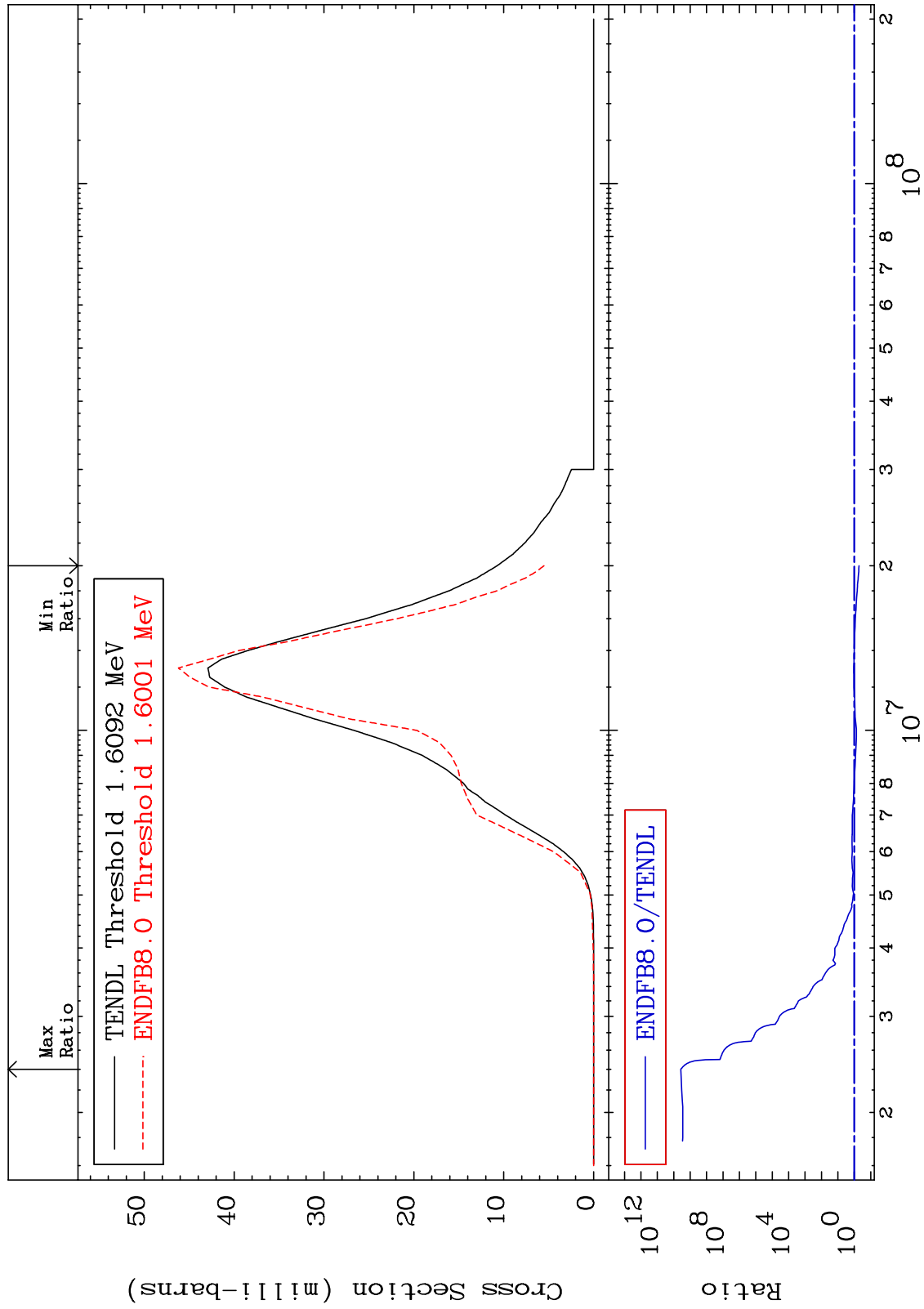
-64.84 To 9999. %



17-Cl-37

40

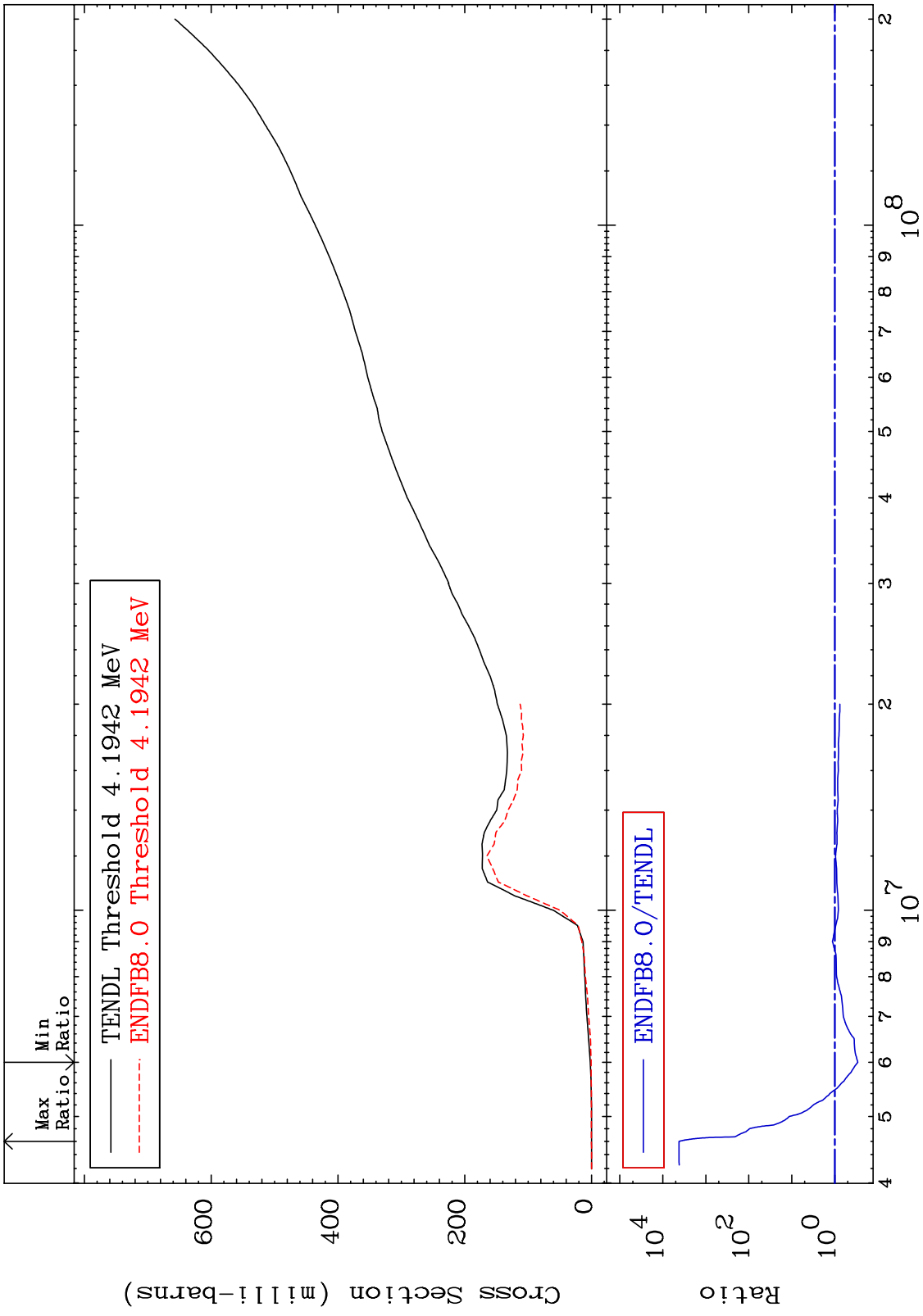
MAT 1731 (n,α) 17-Cl-37
Cross Section -48.58 To 9999. %



17-Cl-37

Incident Energy (eV)

MAT 1731 Hydrogen Production Cross Section 17-Cl-37
 -70.97 To 9999. %

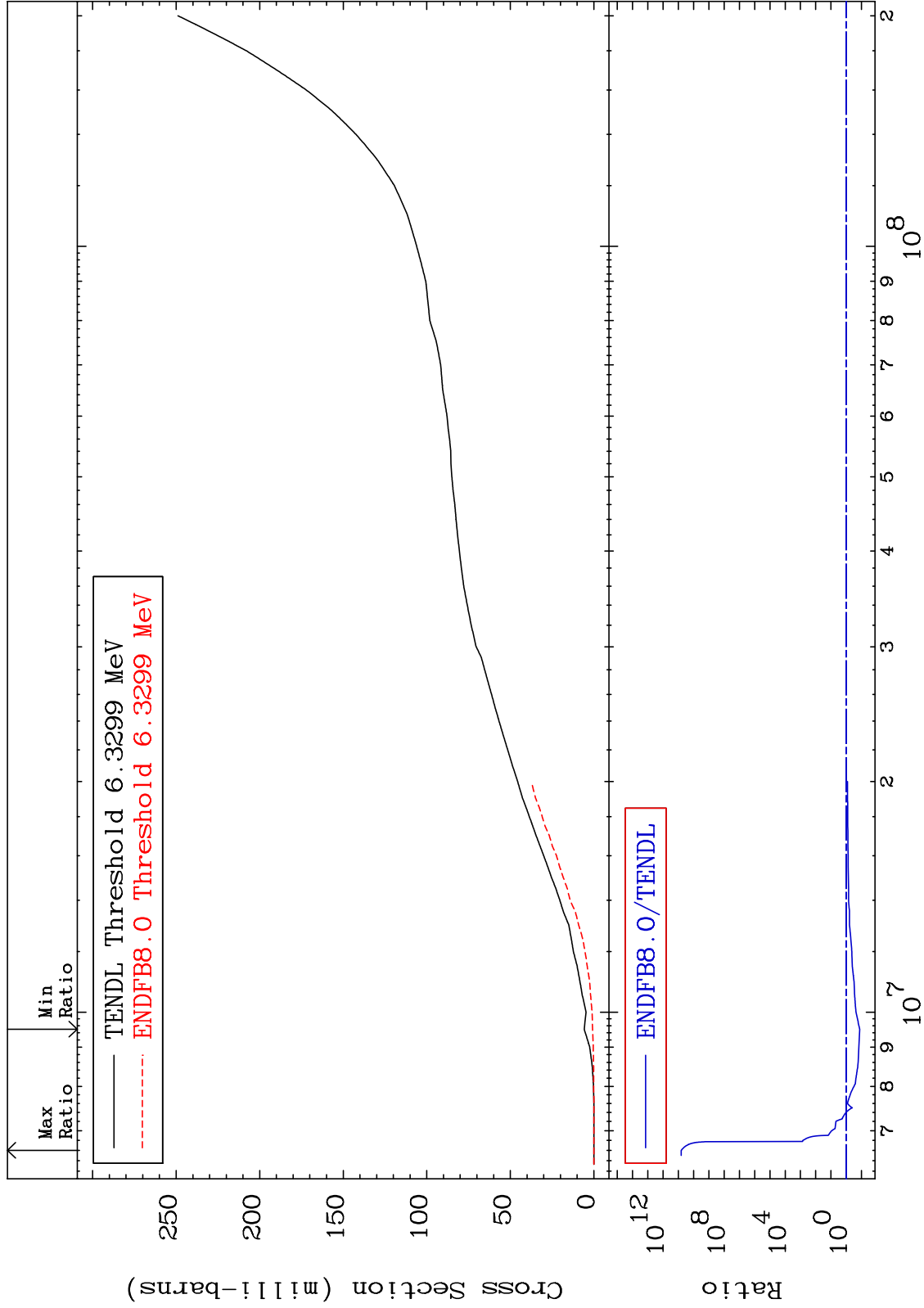


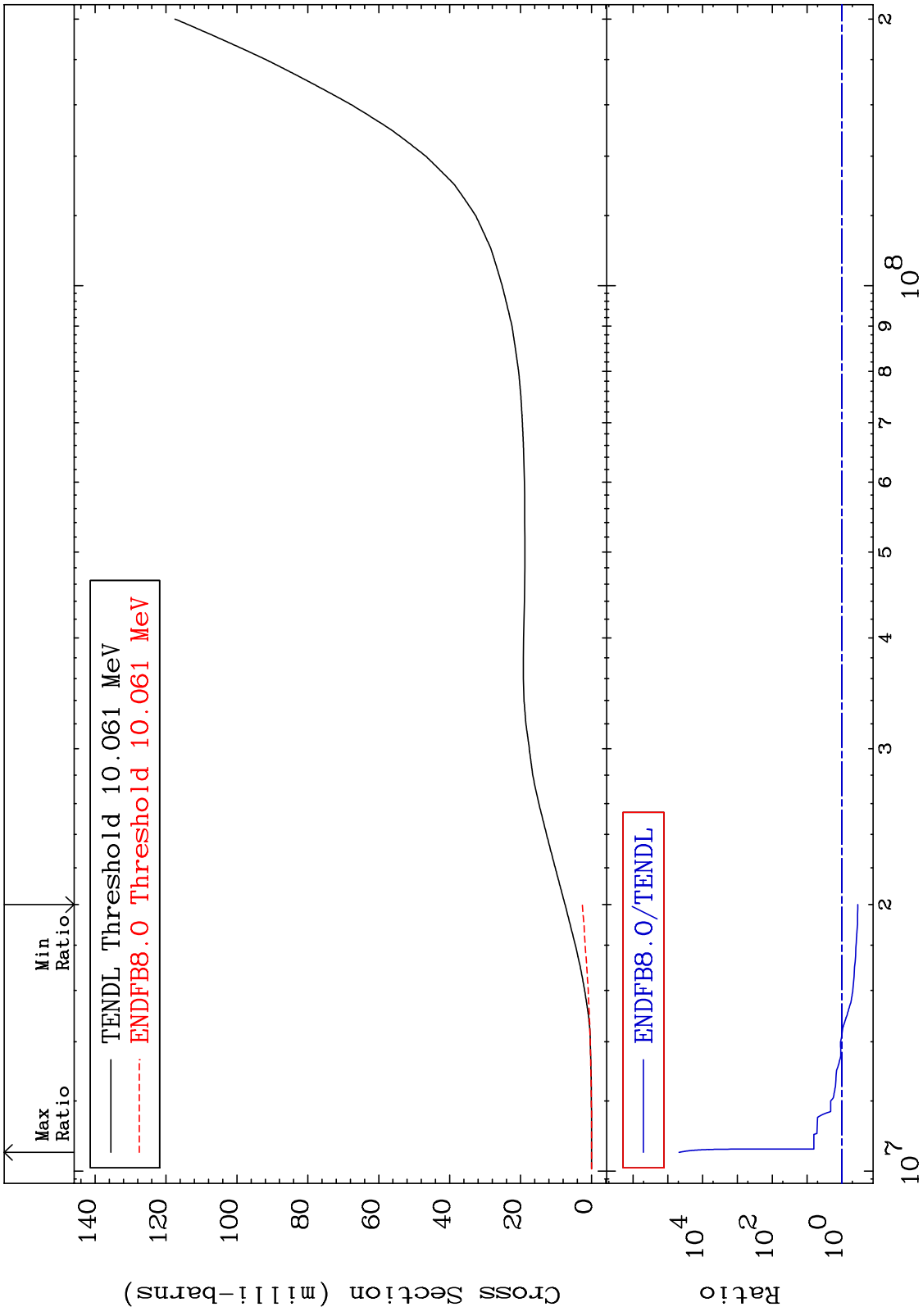
42 17-Cl-37 Incident Energy (eV)

MAT 1731

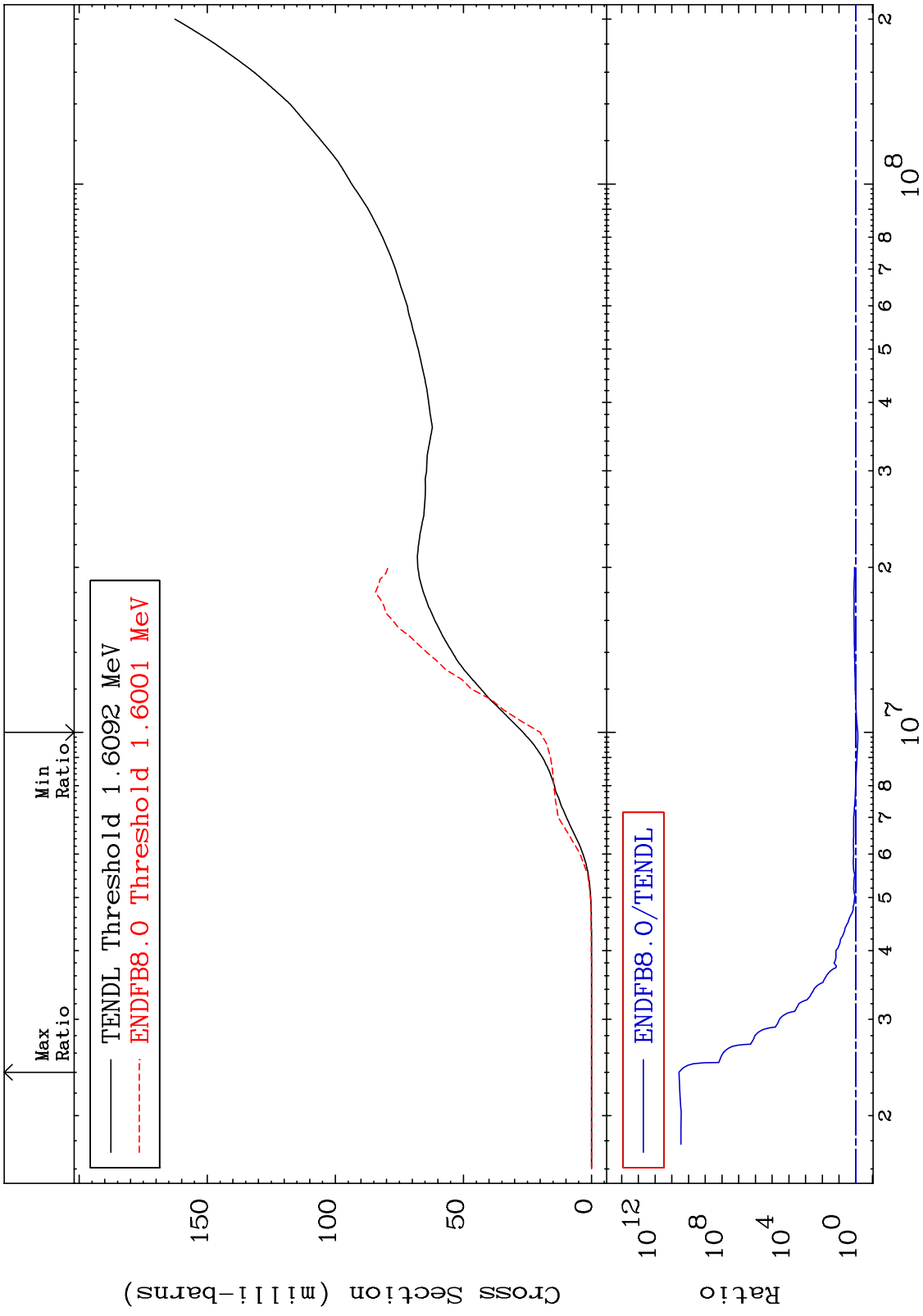
Deuterium Production
Cross Section

17-Cl-37
-87.04 To 9999. %



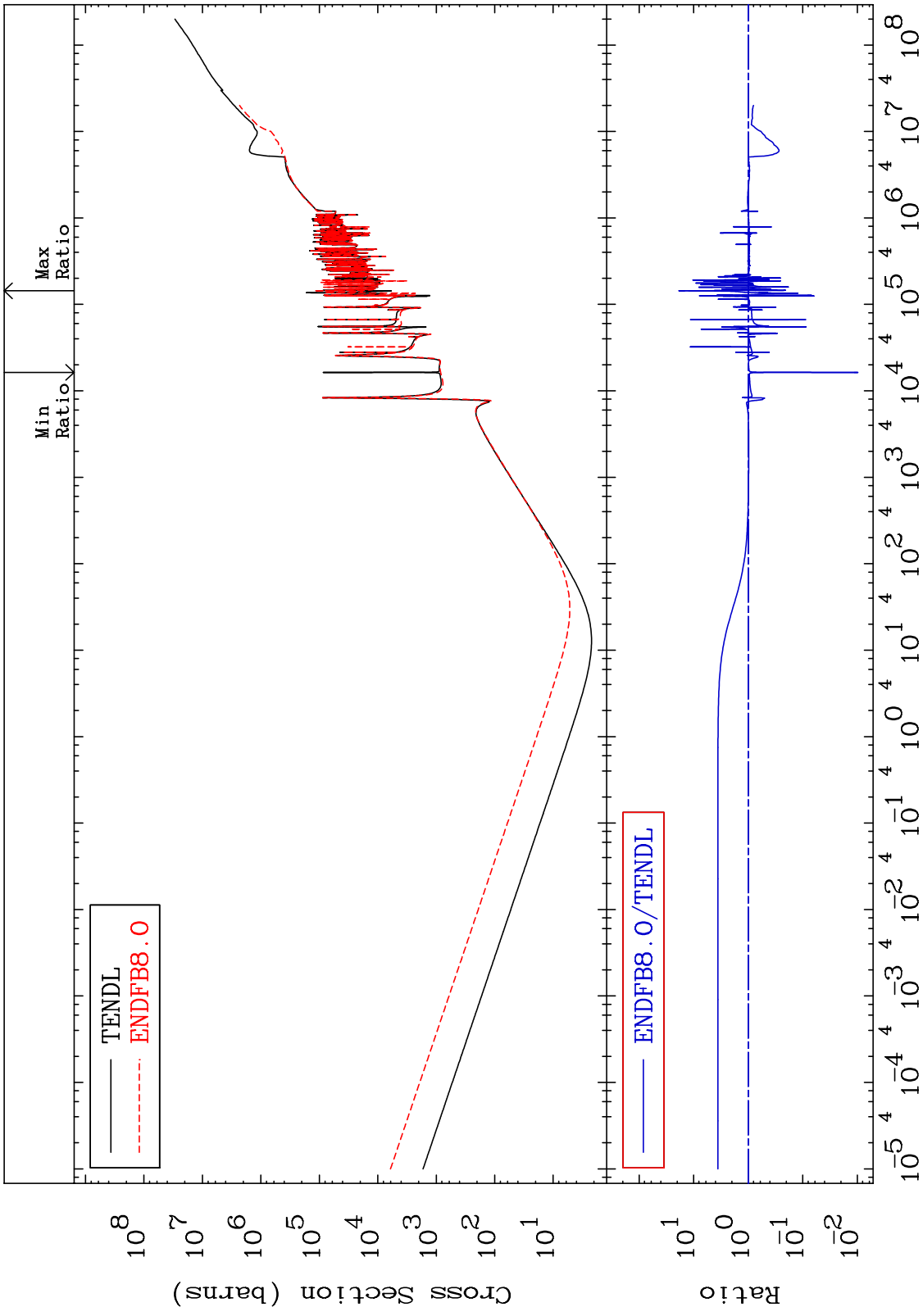


MAT 1731 He-4 Production Cross Section 17-Cl-37
 -25.08 To 9999. %



45 17-Cl-37

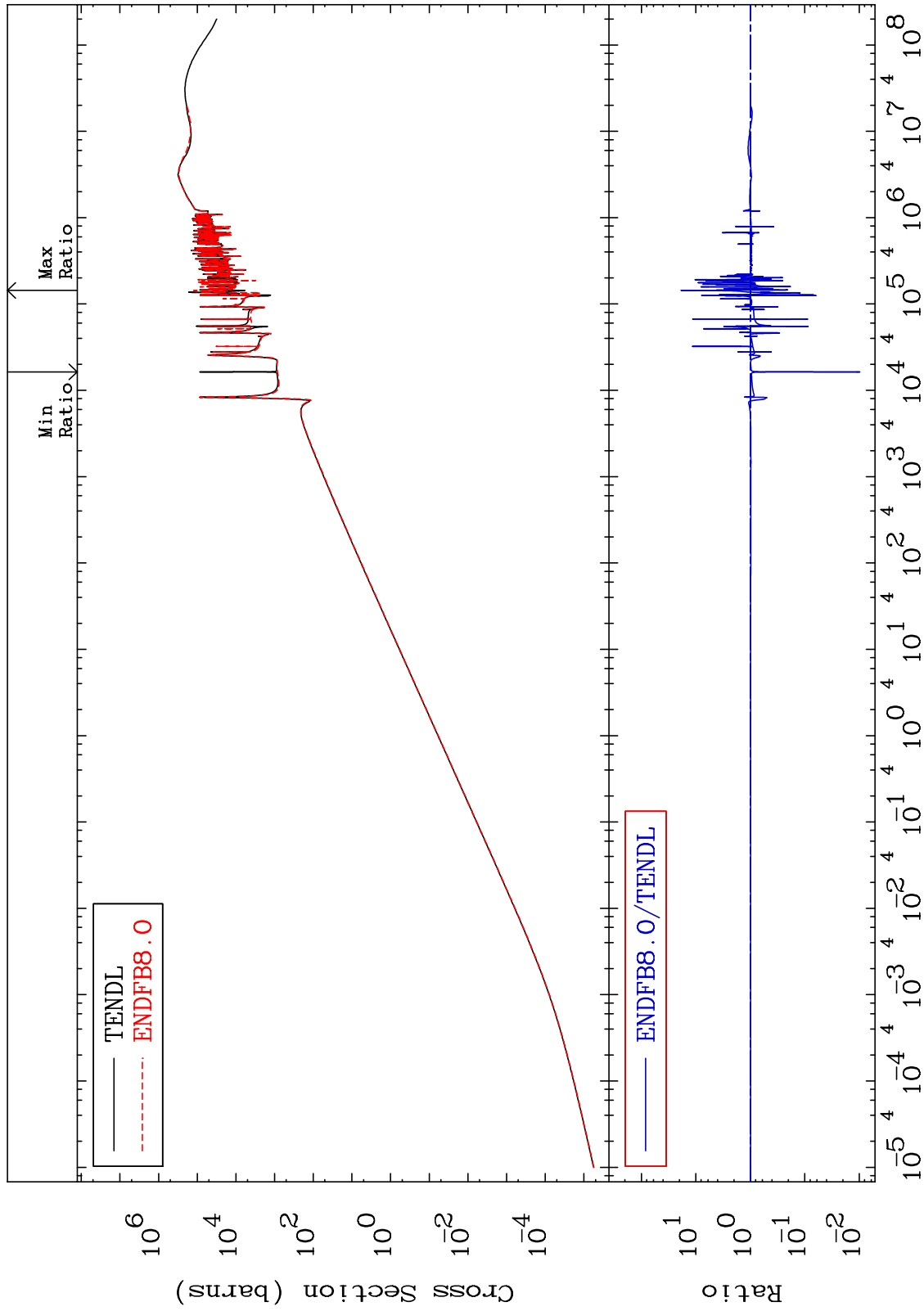
MAT 1731 Kerma total (eV-barns)
 Cross Section 17-Cl-37
 -99.02 To 1754. %



MAT 1731

Kerma elastic
Cross Section

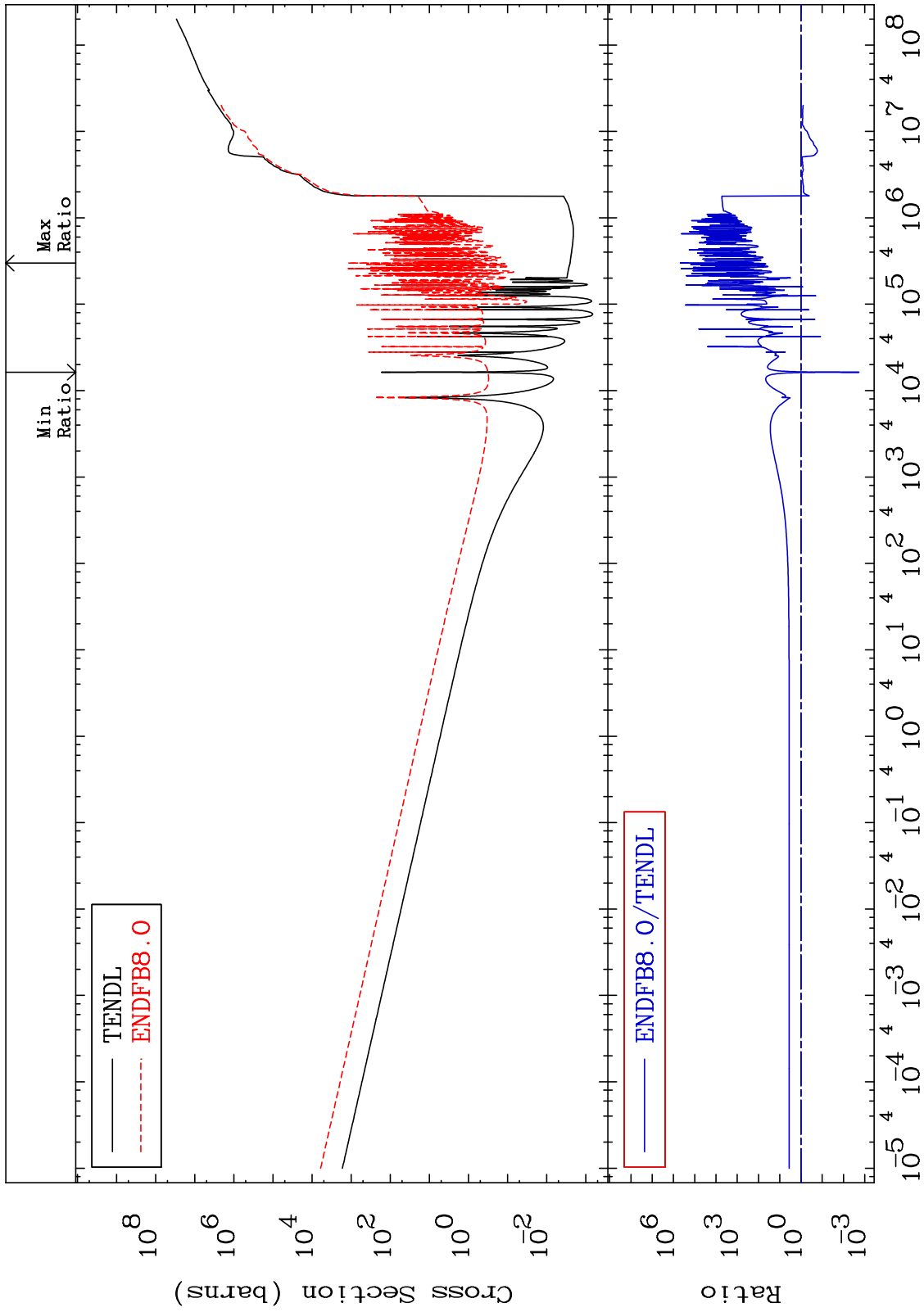
17-Cl-37
-99.02 To 1754. %

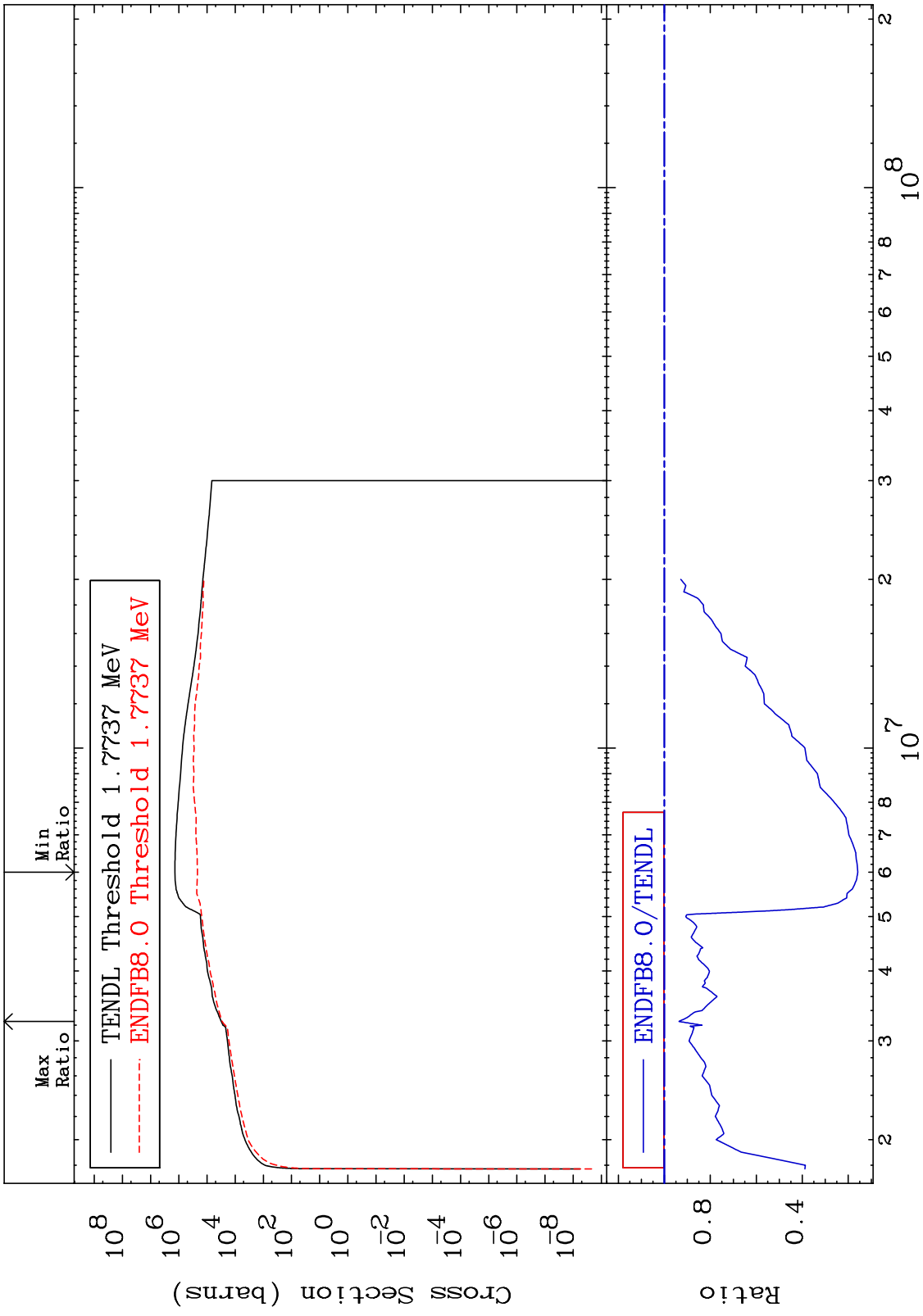


MAT 1731

Kerma non-elastic (all but mt2)
Cross Section

17-Cl-37
-99.81 To 9999. %

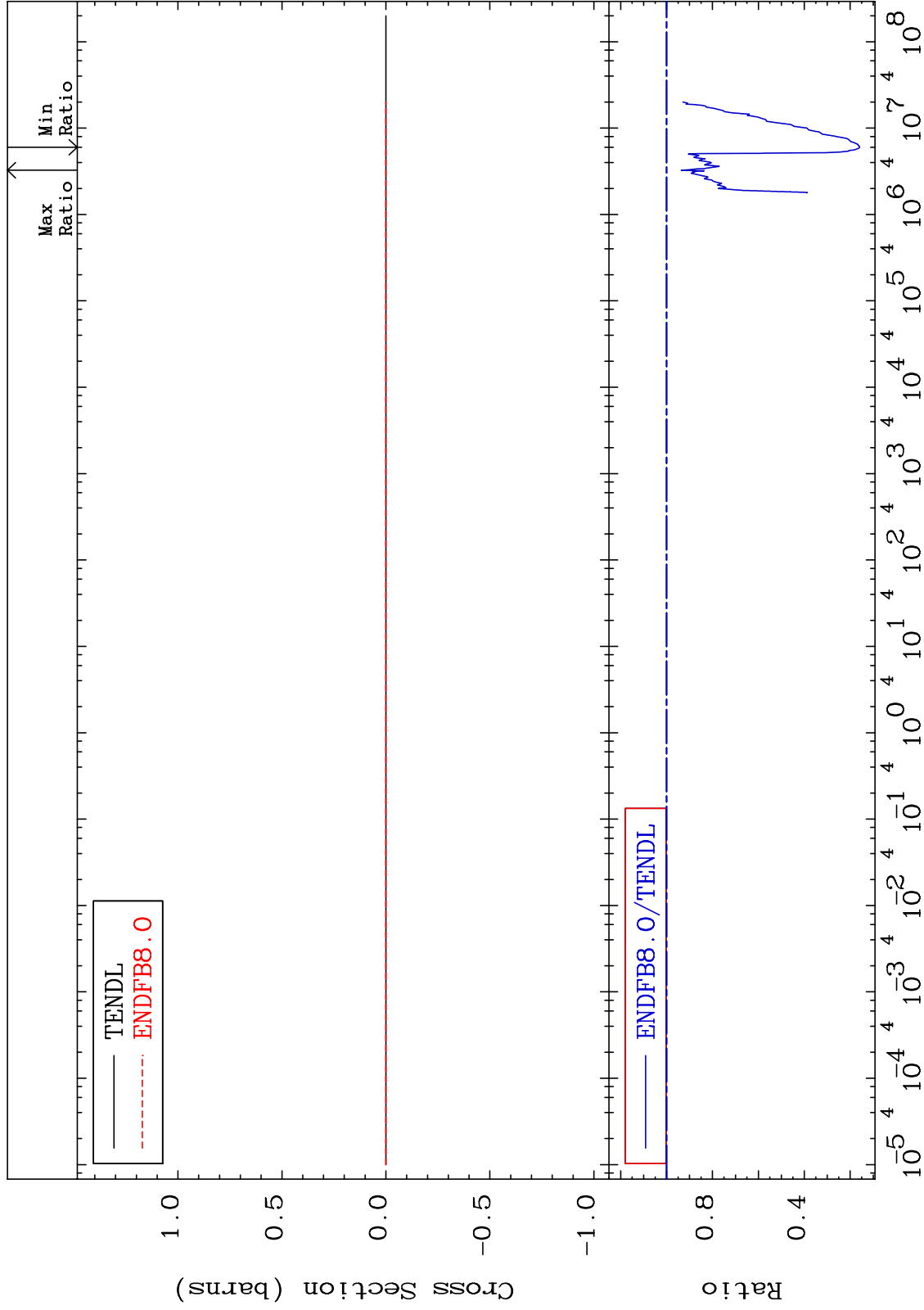




MAT 1731

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

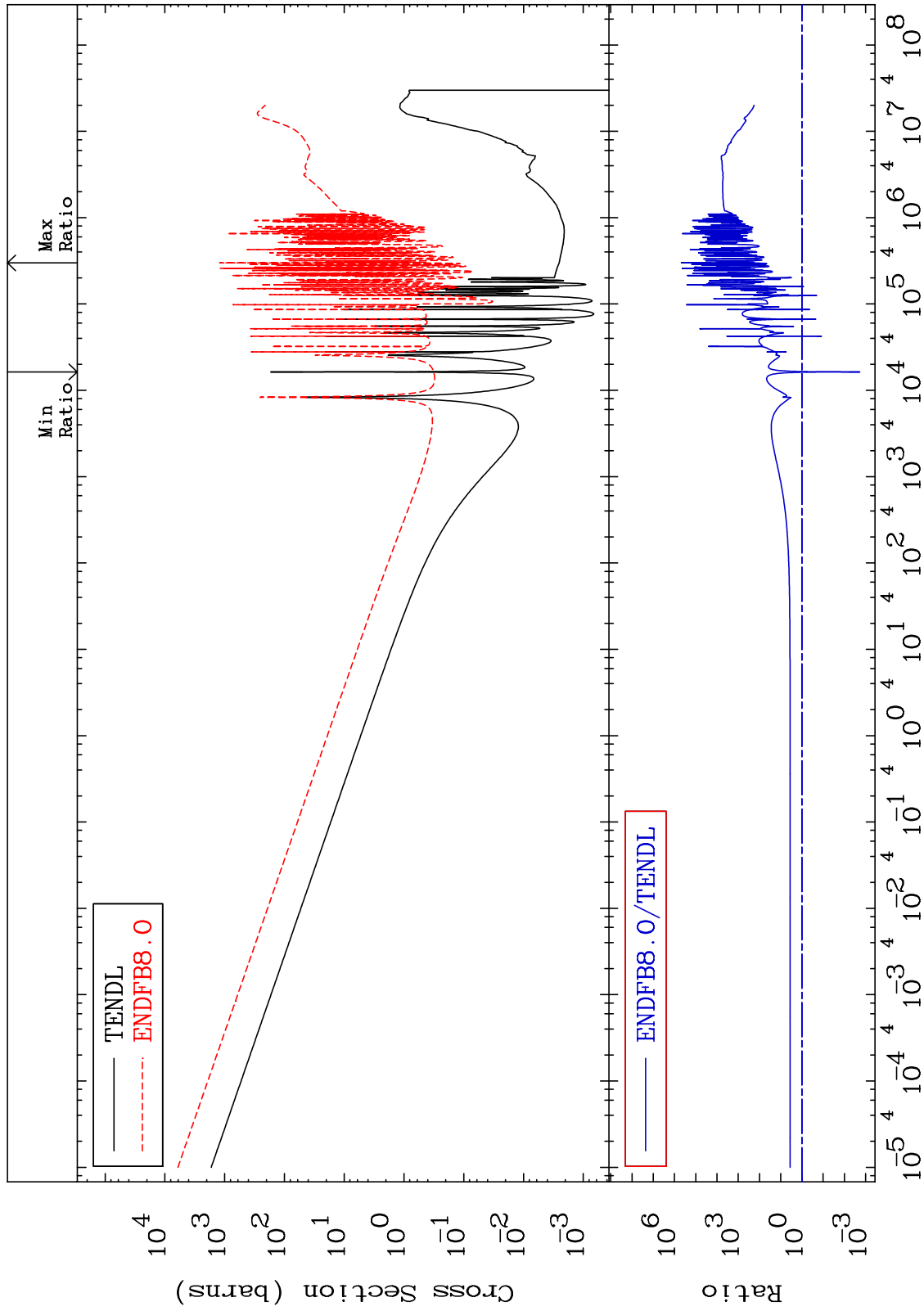
17-CI-37
-84.17 To -6.384%



MAT 1731

Kerma capture (mt102)
Cross Section

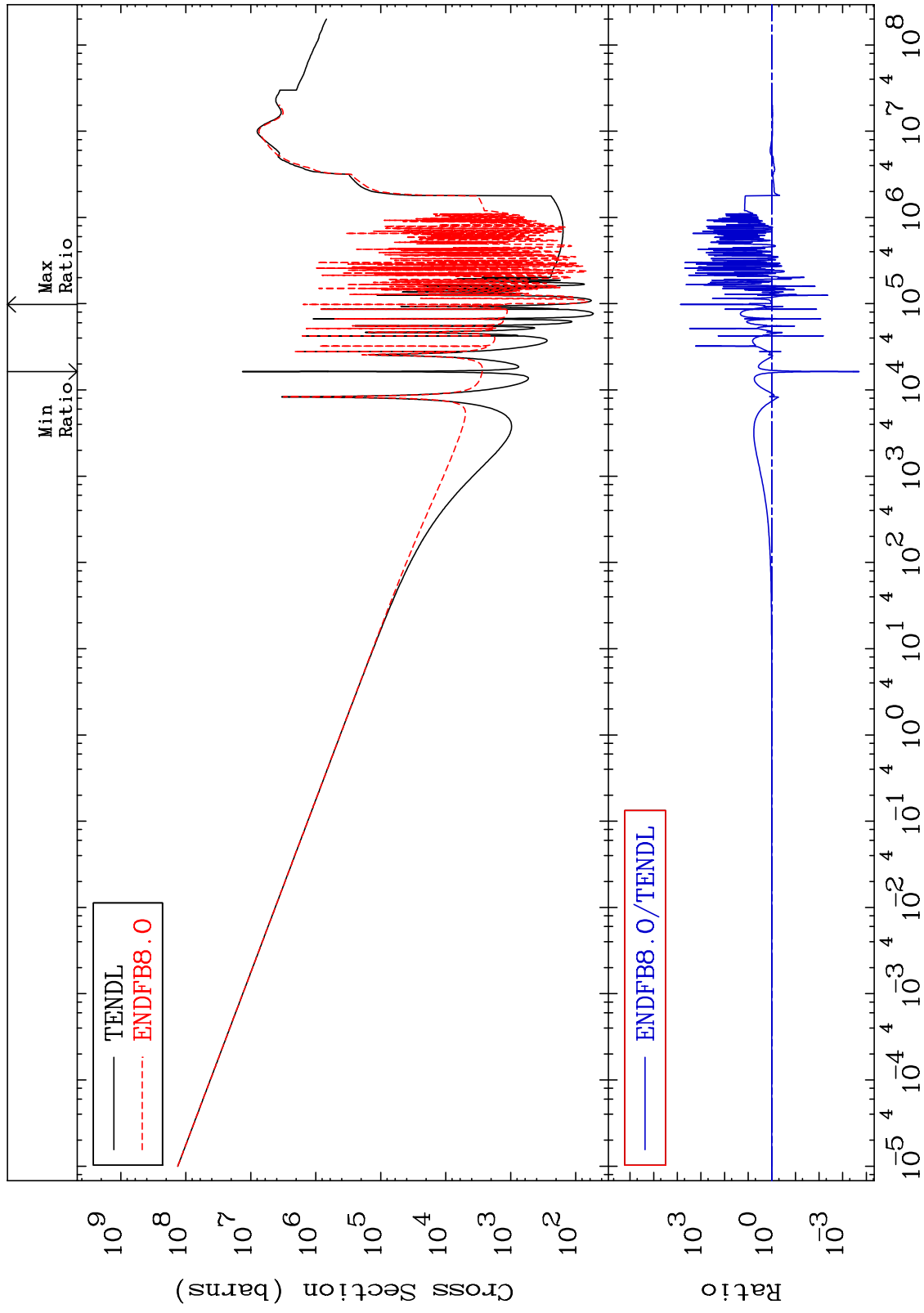
17-Cl-37
-99.81 To 9999. %



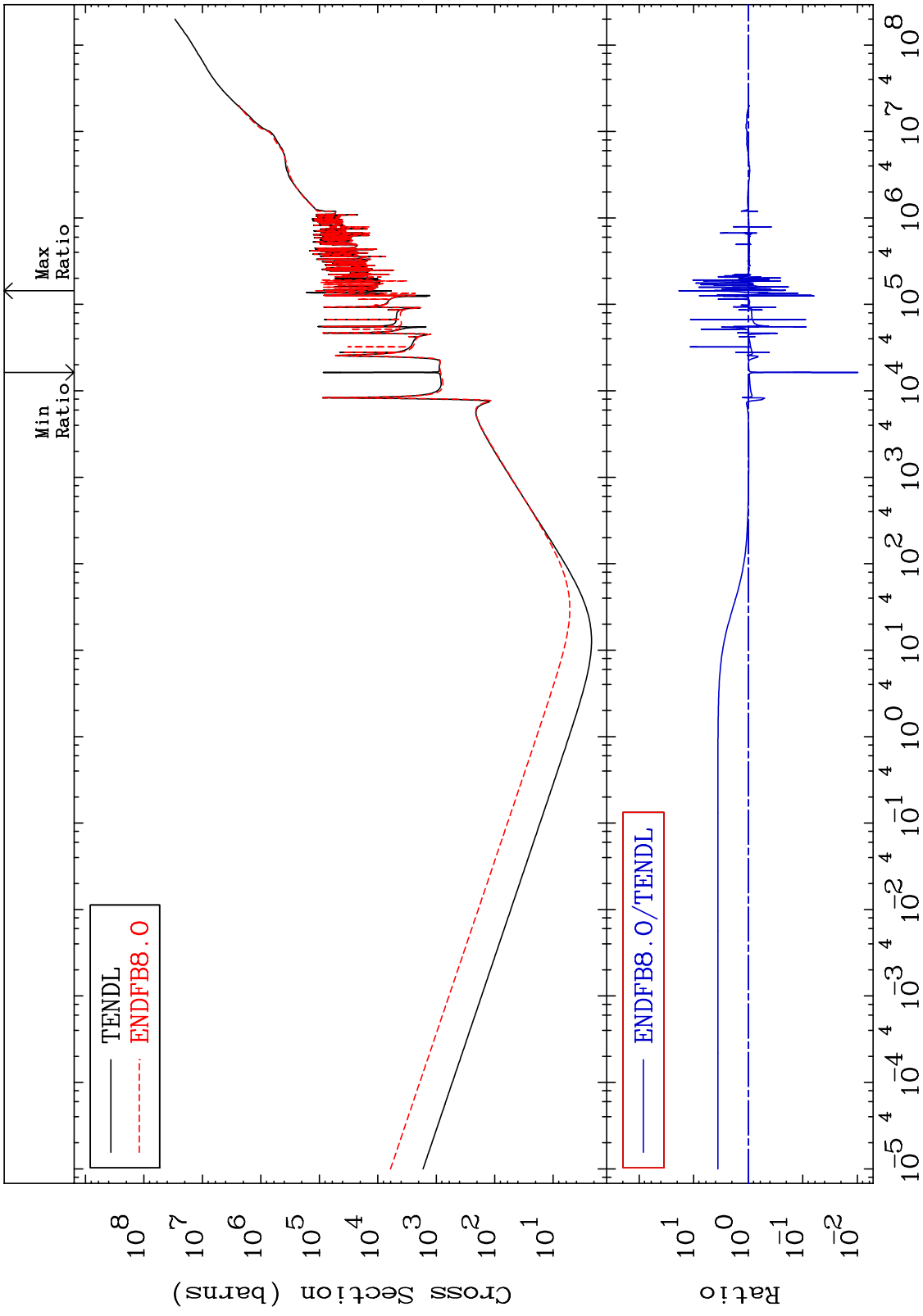
MAT 1731

Total photon (eV-barns)
Cross Section

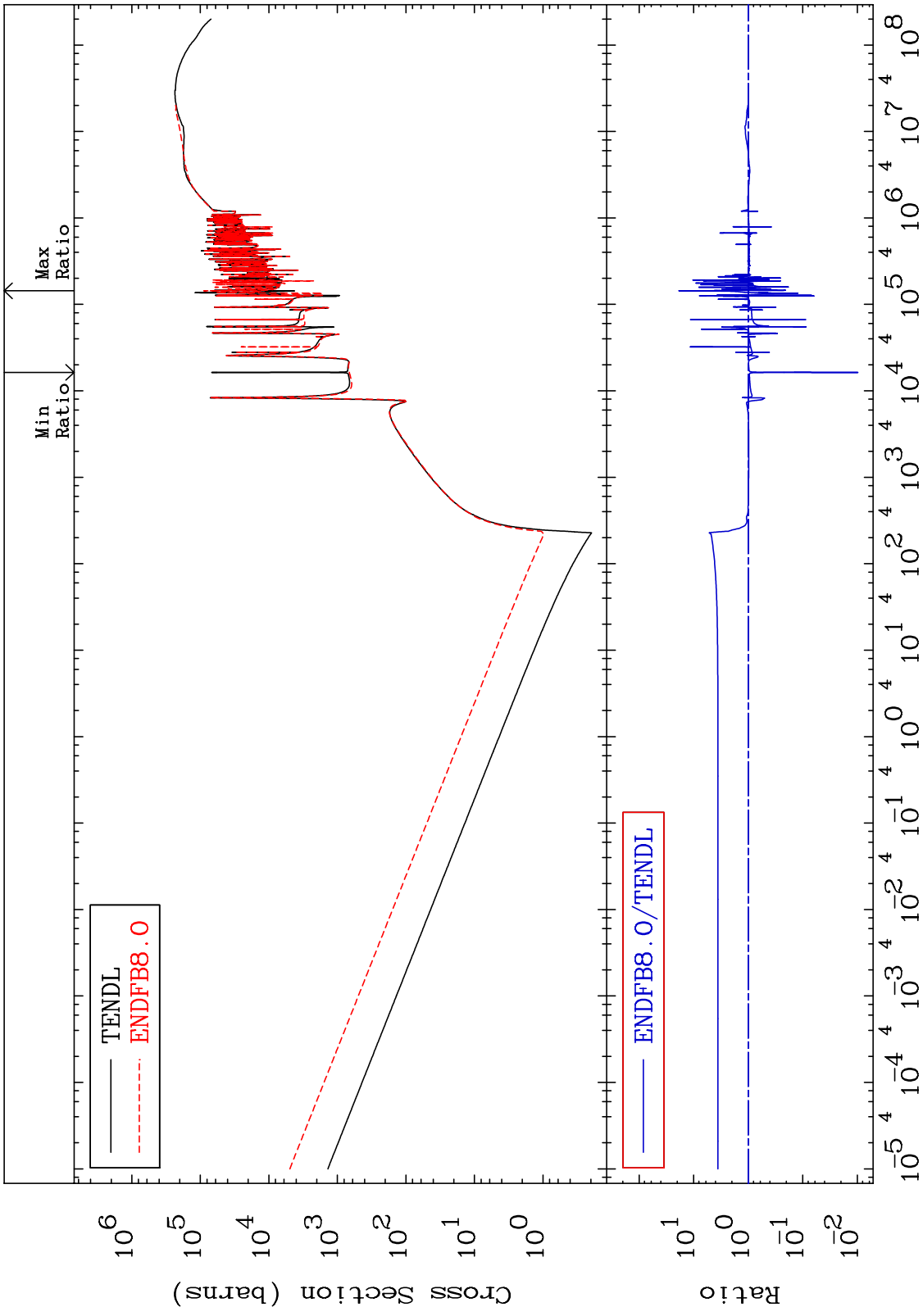
17-Cl-37
-99.98 To 9999. %



MAT 1731 Total kinematic kerma (high limit) 17-Cl-37
 Cross Section -99.02 To 1754. %



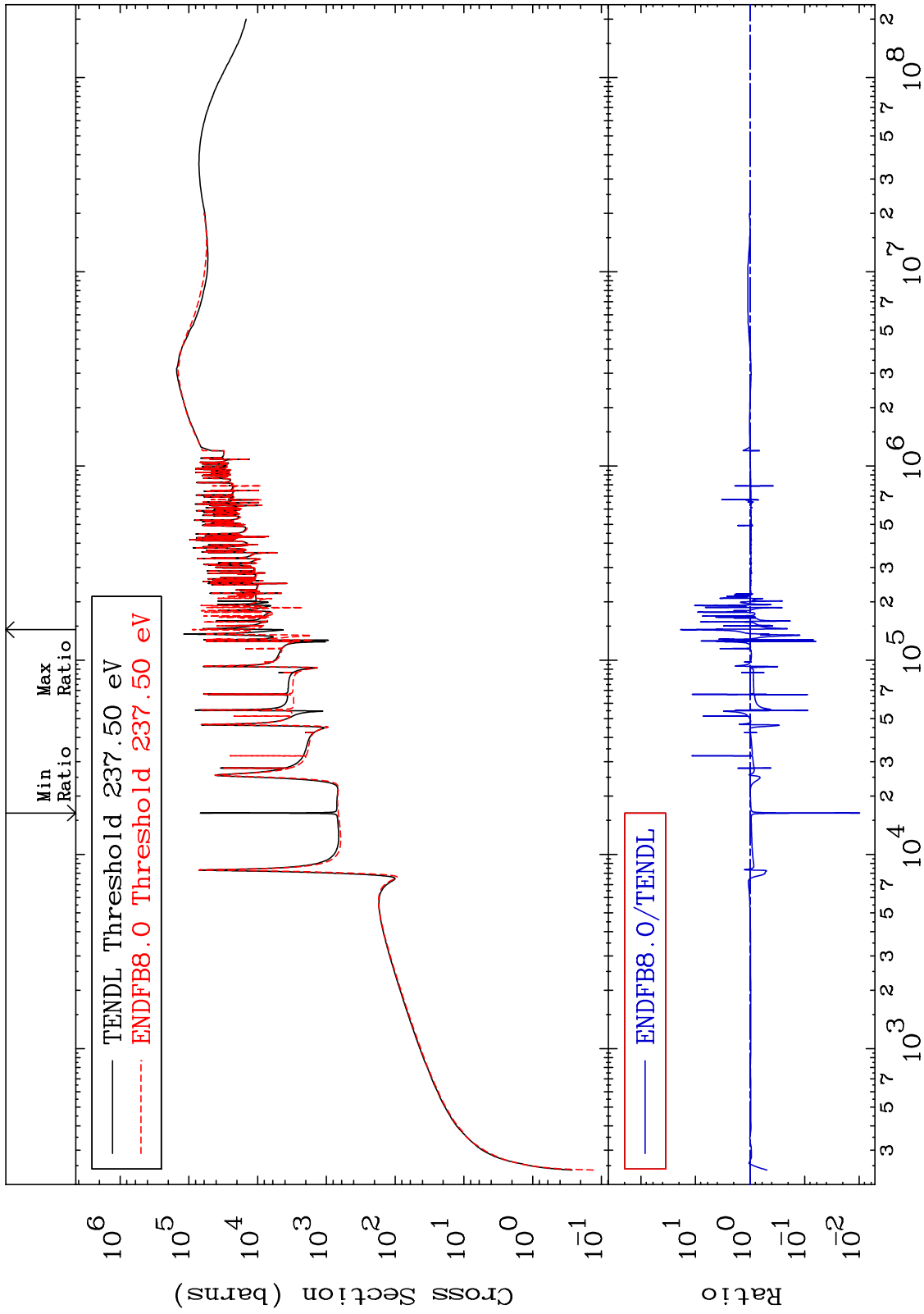
MAT 1731 Dpa total (eV-barns) 17-CI-37
 Cross Section -99.02 To 1755. %

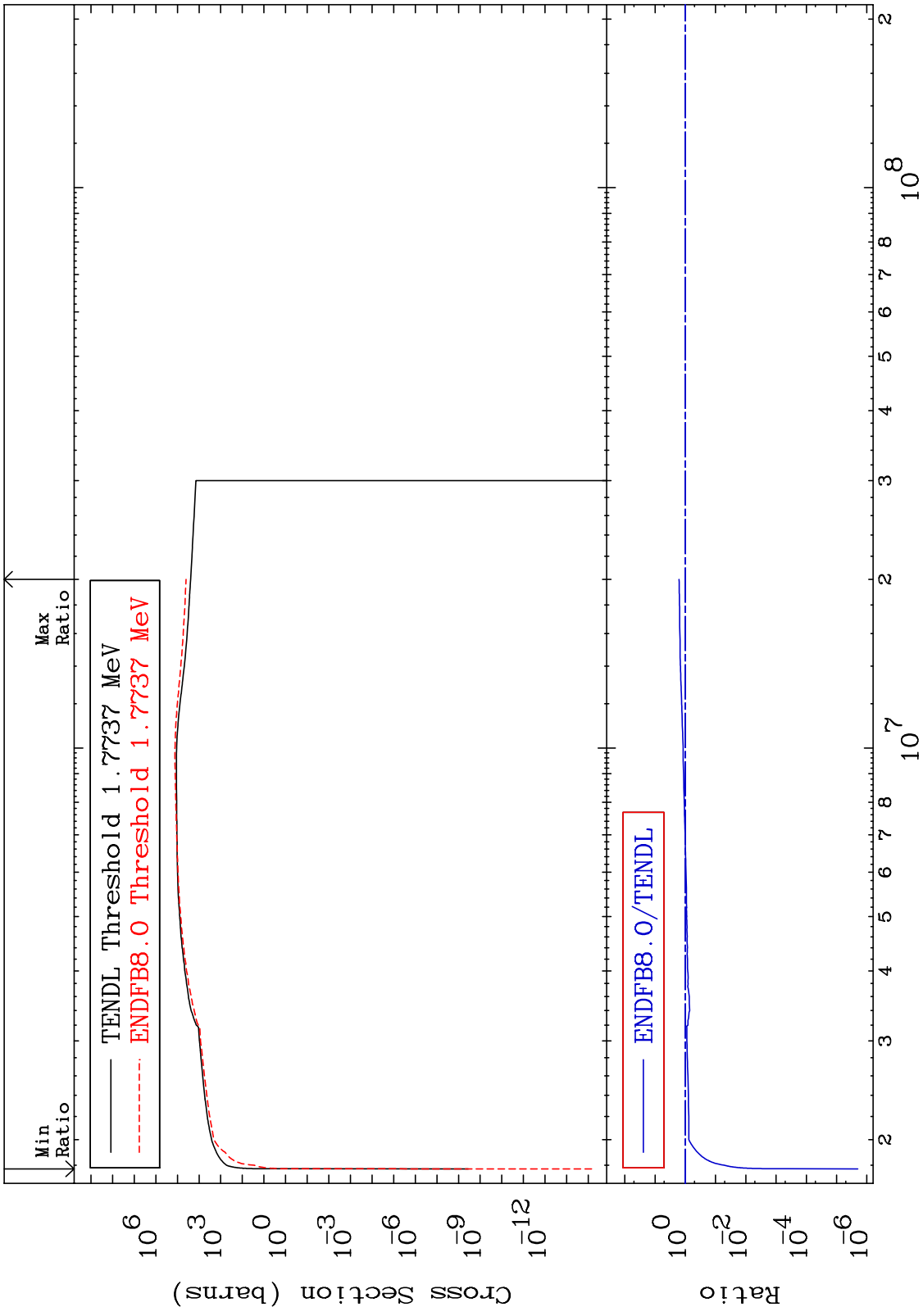


MAT 1731

Dpa elastic (mt2)
Cross Section

17-CI-37
-99.02 To 1755. %





MAT 1731

Dpa disappearance (mt102 -120)
Cross Section

17-Cl-37
-99.93 To 9999. %

