

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

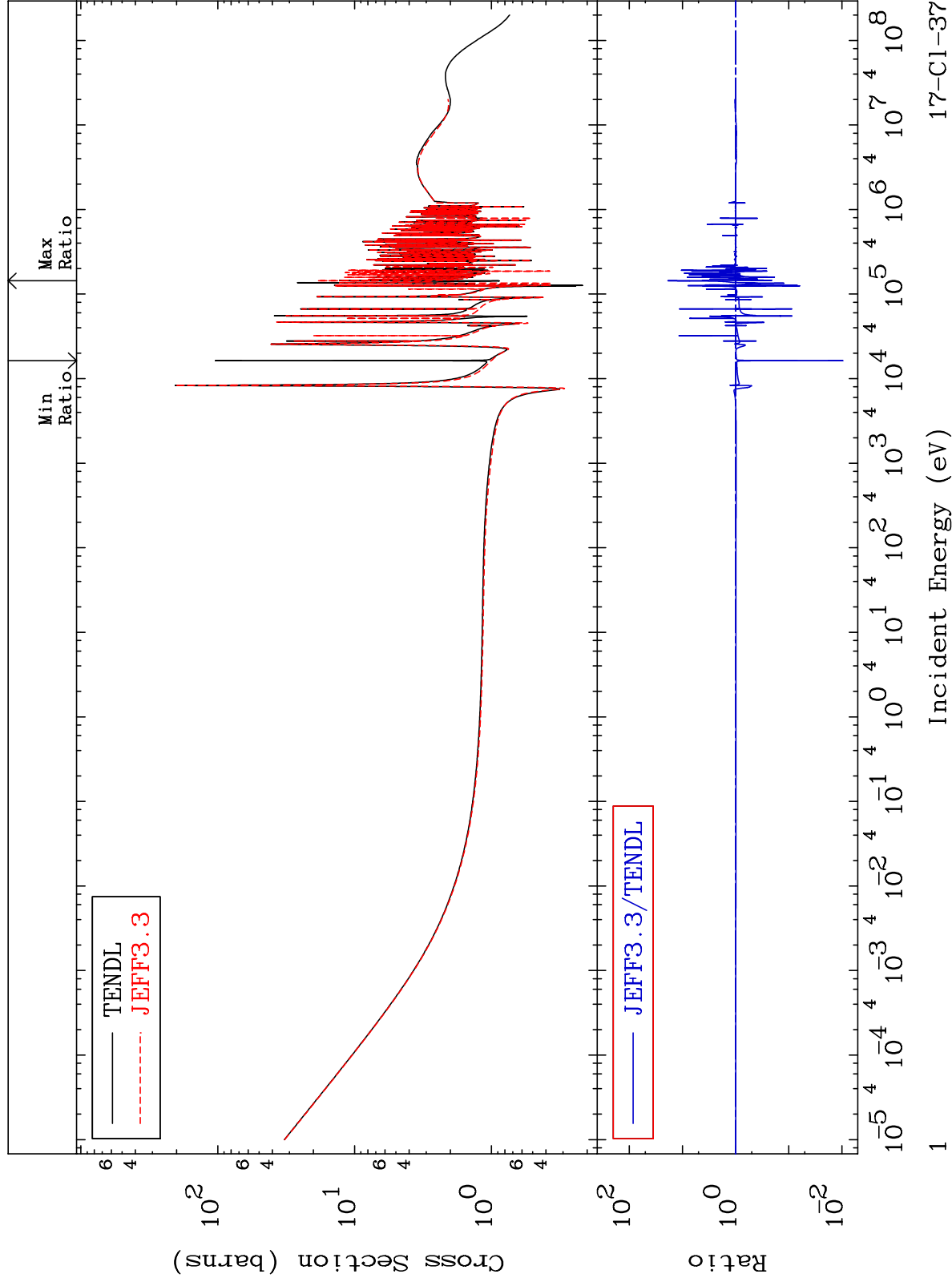
MAT 1731

Total

17-Cl-37

Cross Section

-99.04 To 1770. %



17-Cl-37

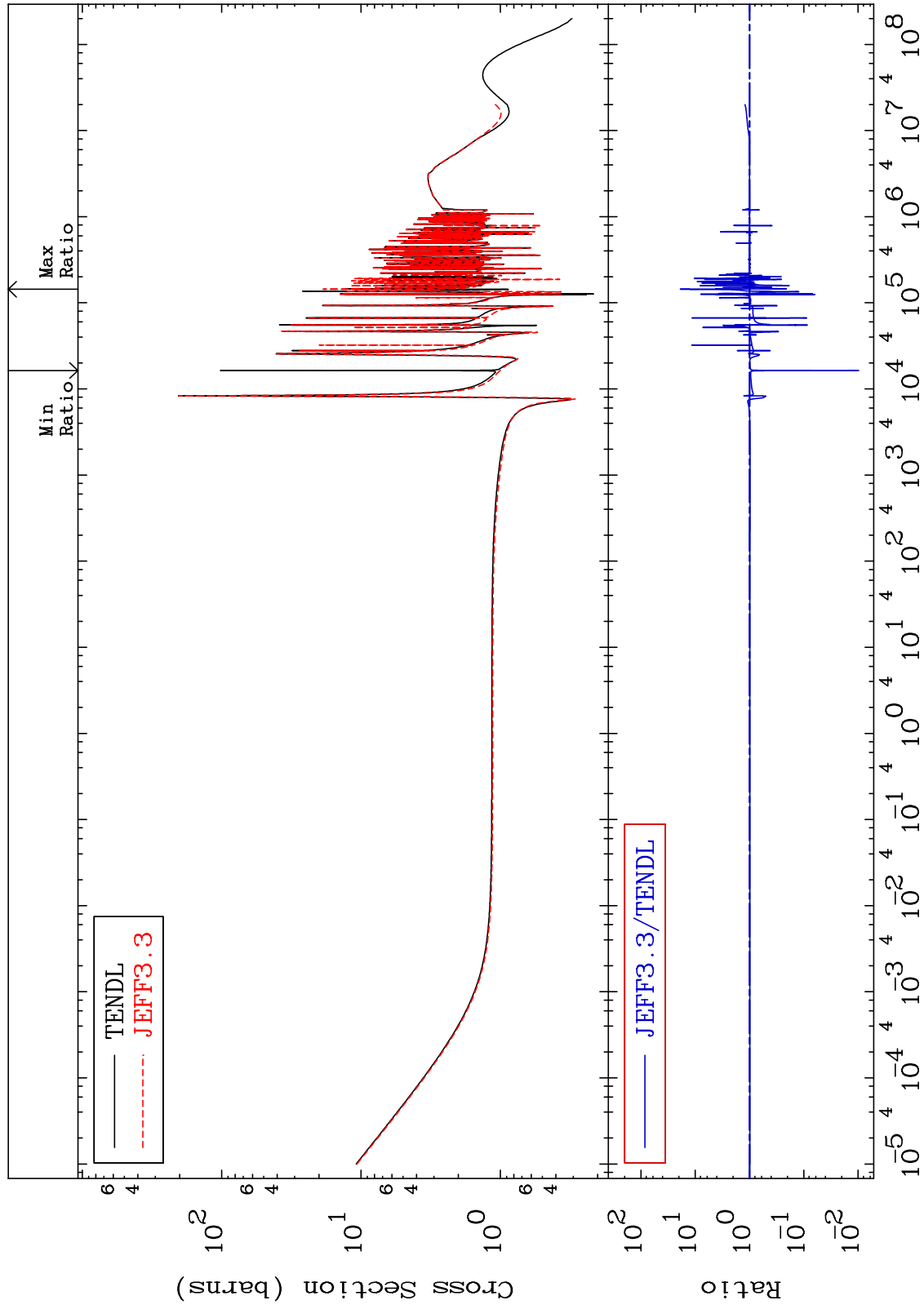
MAT 1731

Elastic

Cross Section

17-Cl-37

-99.02 To 1771. %



Incident Energy (eV)

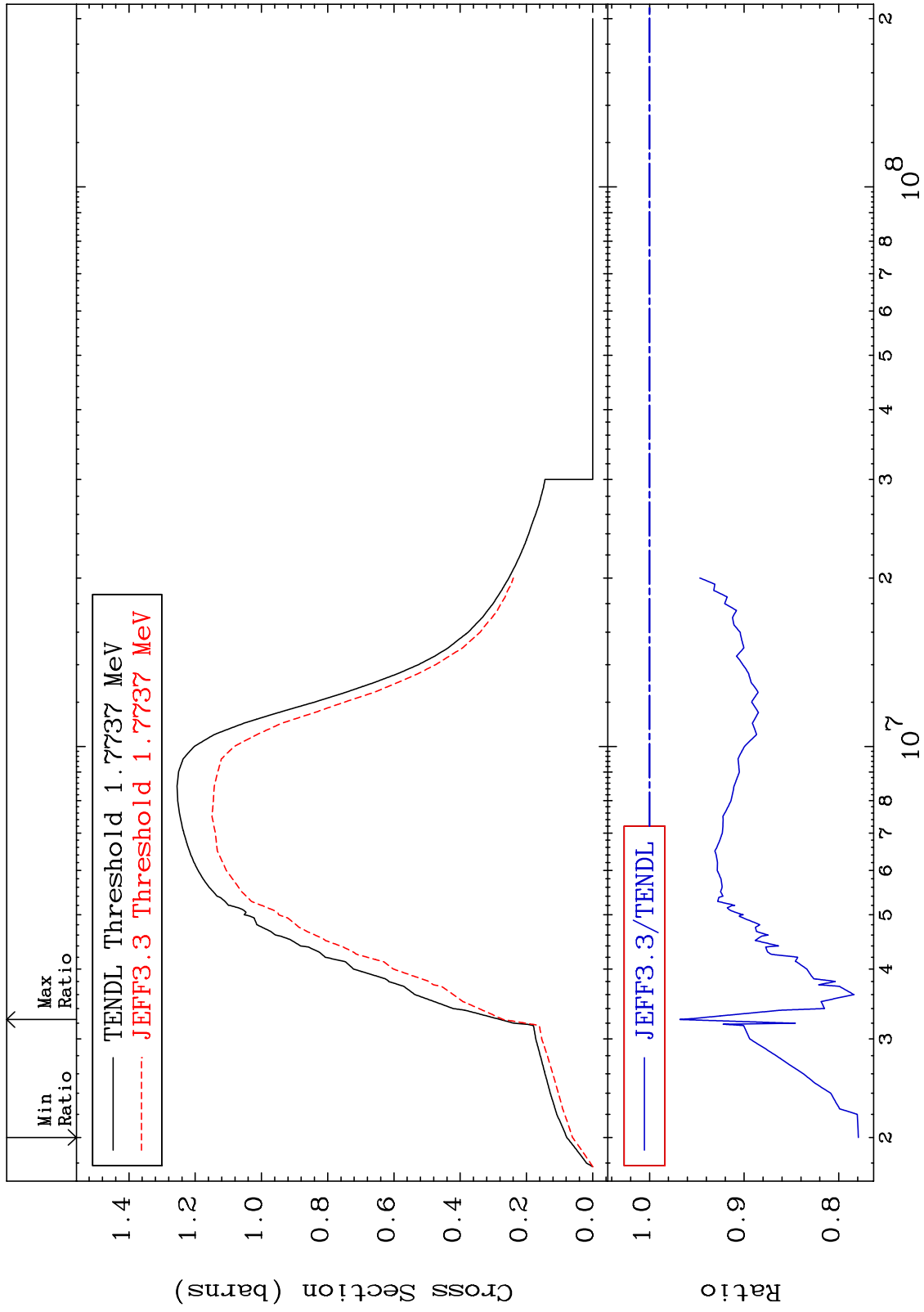
17-Cl-37

2

MAT 1731

Inelastic
Cross Section

17-Cl-37
-22.08 To -3.222%



3

Incident Energy (eV)

17-Cl-37

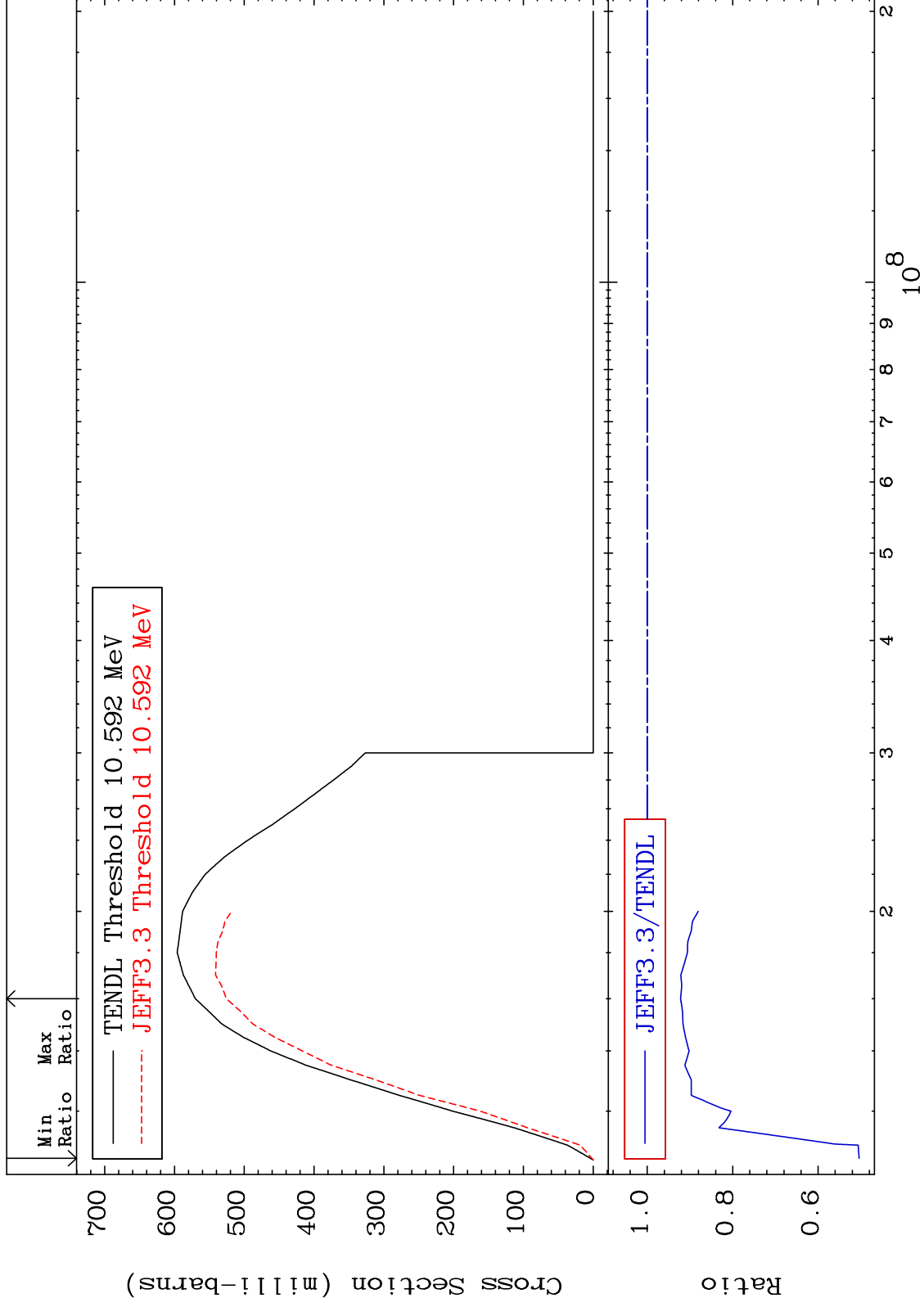
MAT 1731

(n,2n)

17-Cl-37

Cross Section

-49.62 To -7.811%



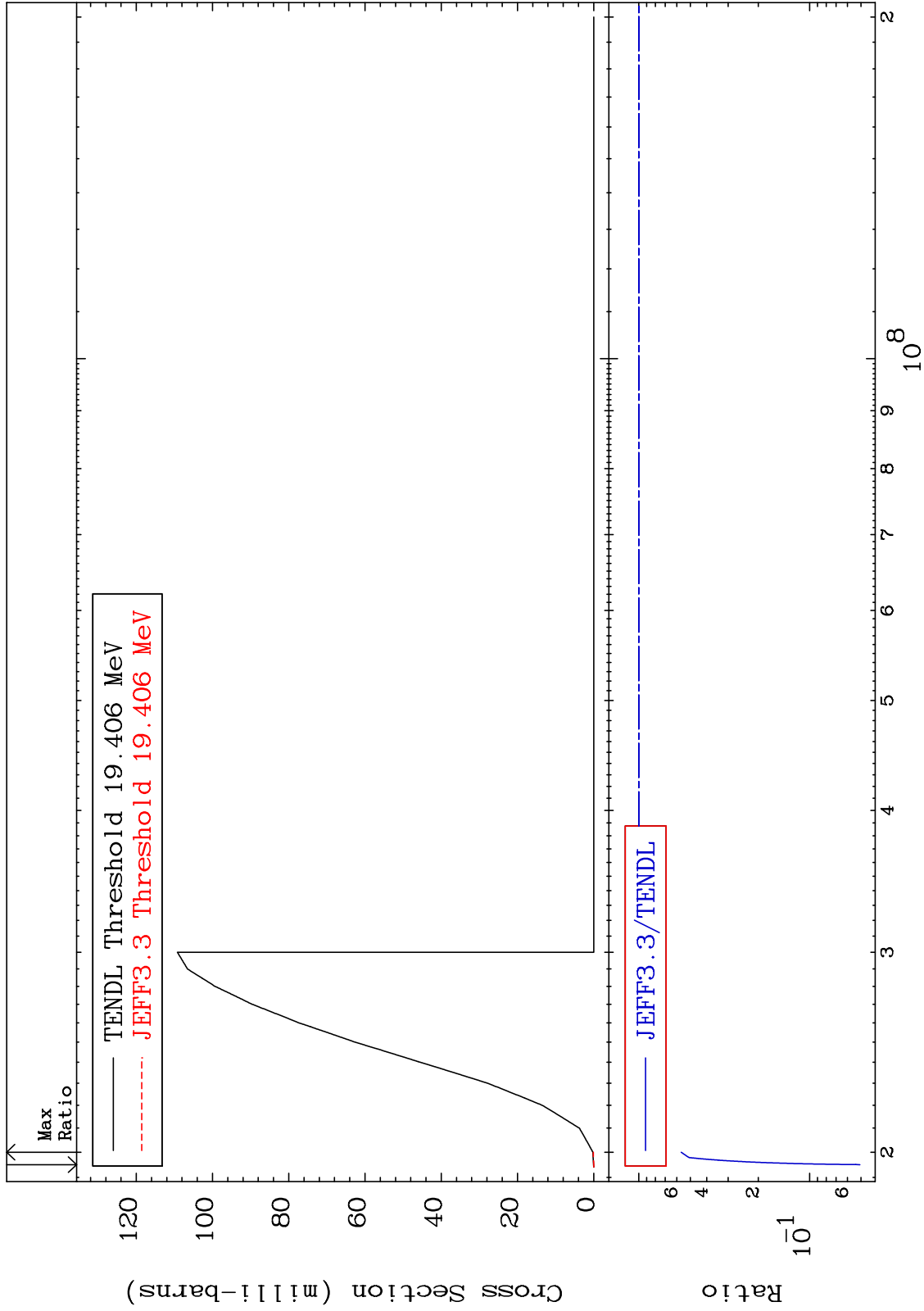
MAT 1731

(n, 3n)

17-Cl-37

Cross Section

-94.93 To -43.55%



5

Incident Energy (eV)

17-Cl-37

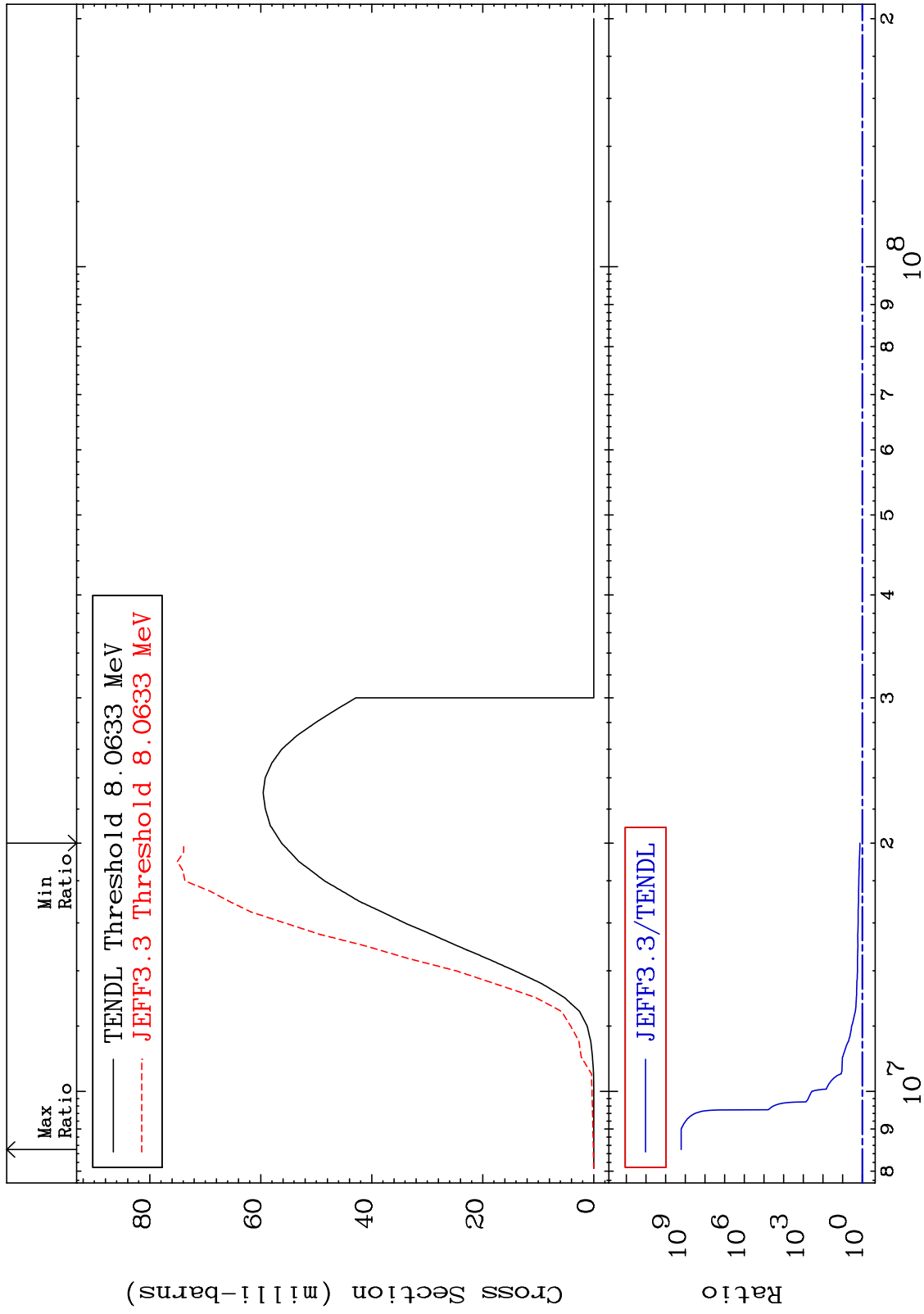
MAT 1731

(n,n') α

17-Cl-37

Cross Section

31.38 To 9999. %



6

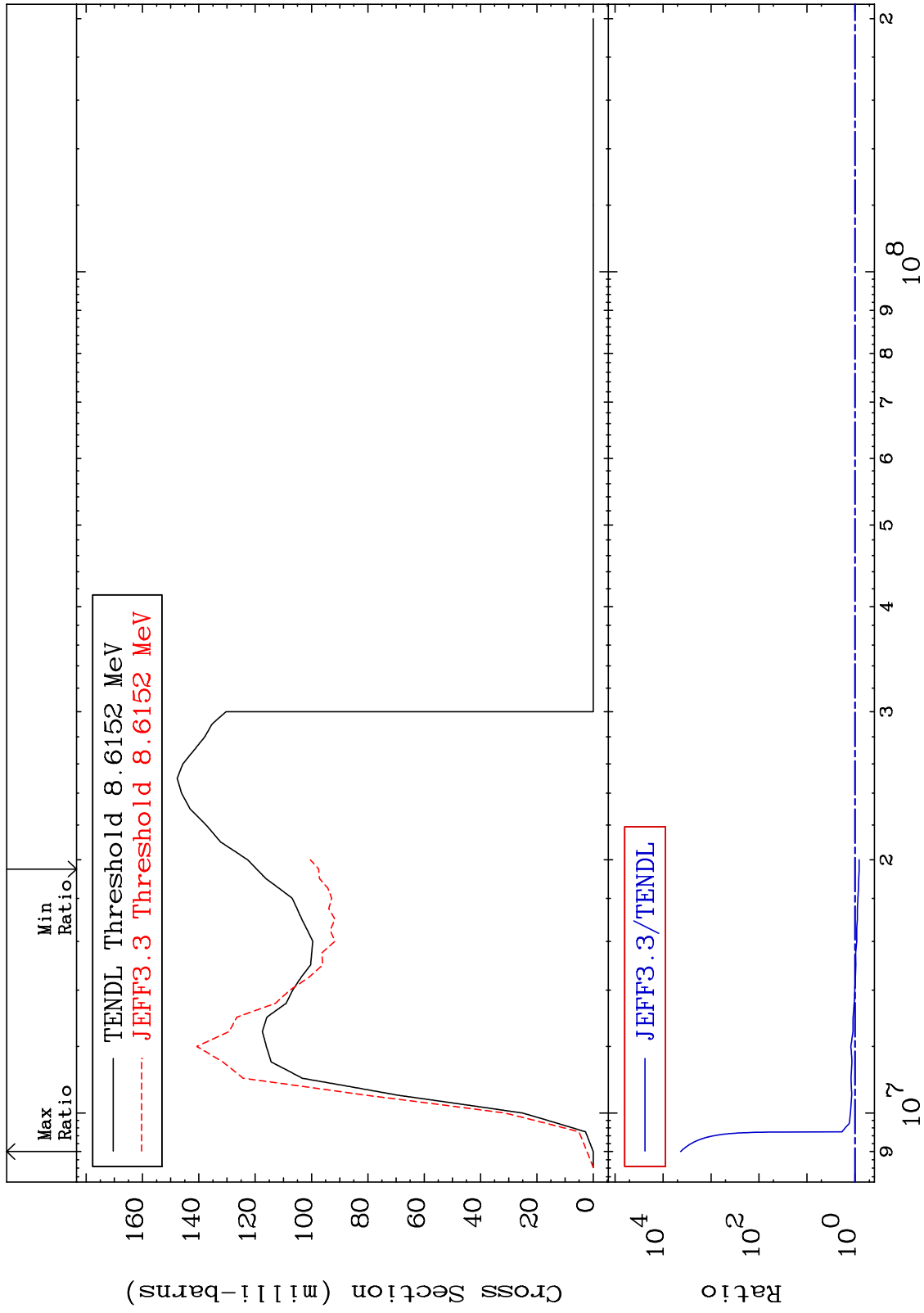
Incident Energy (eV)

17-Cl-37

MAT 1731

(n,n') p
Cross Section

17-Cl-37
-18.42 To 9999. %



7

Incident Energy (eV)

17-Cl-37

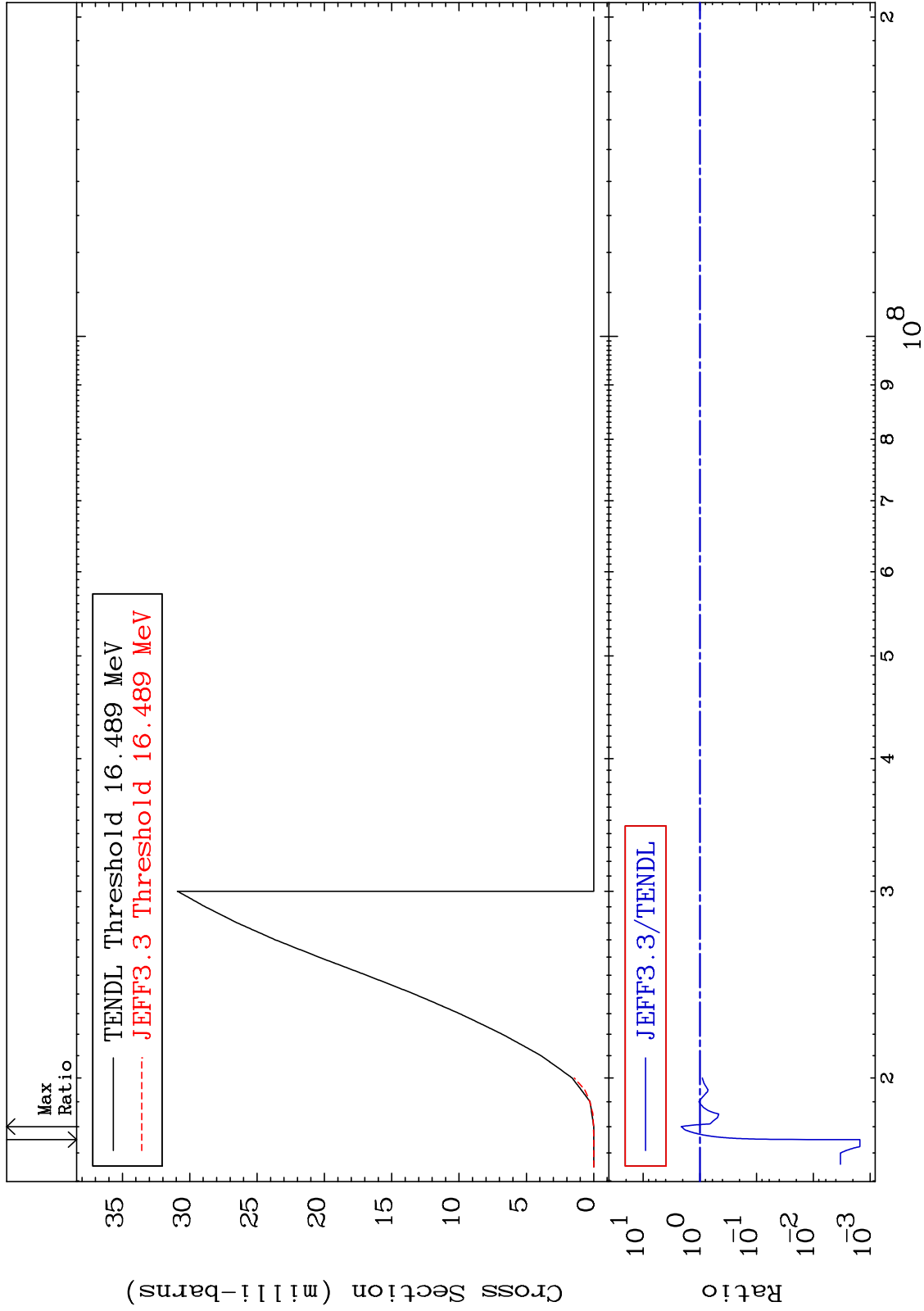
MAT 1731

(n, n') d

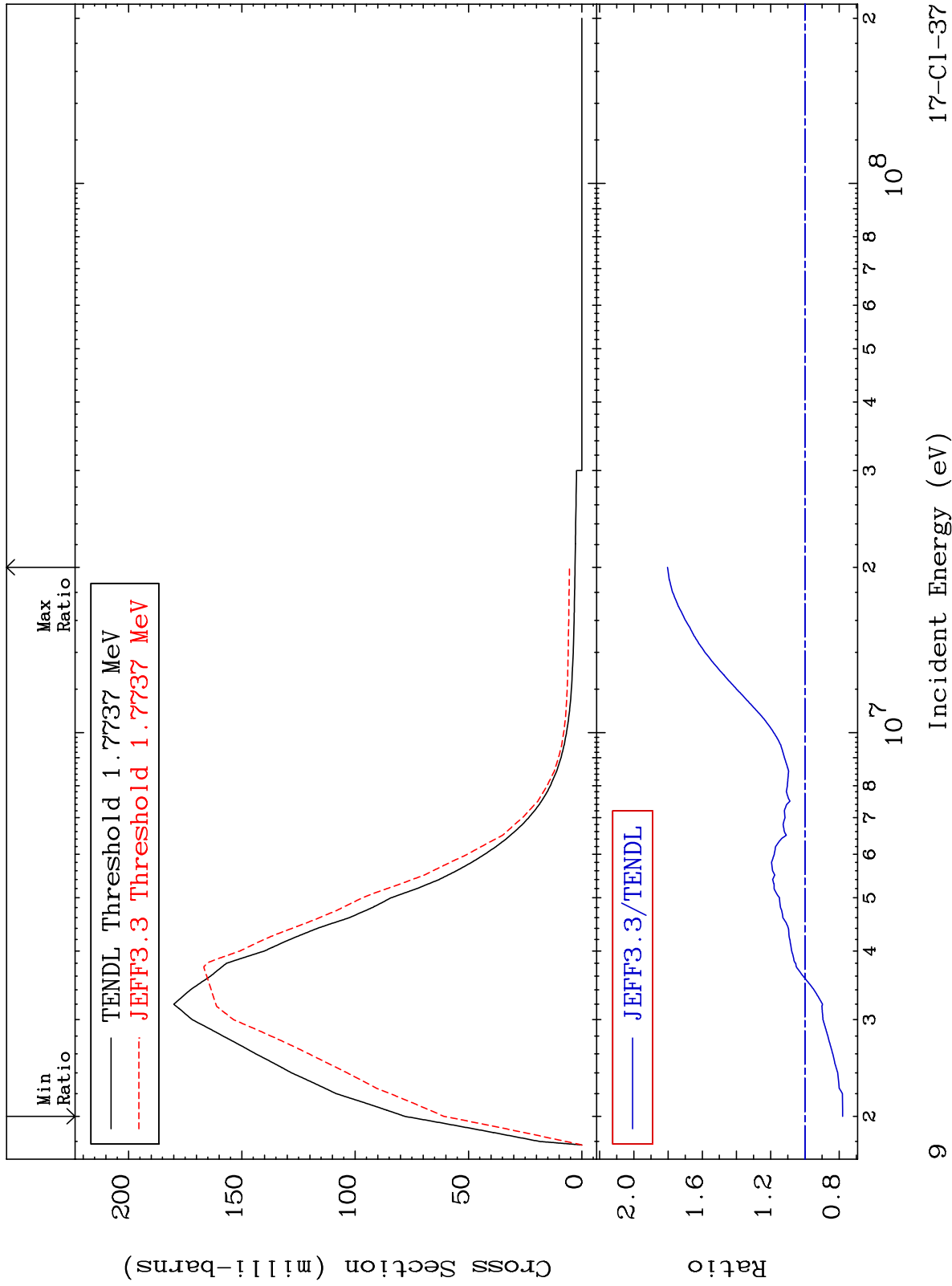
17-Cl-37

Cross Section

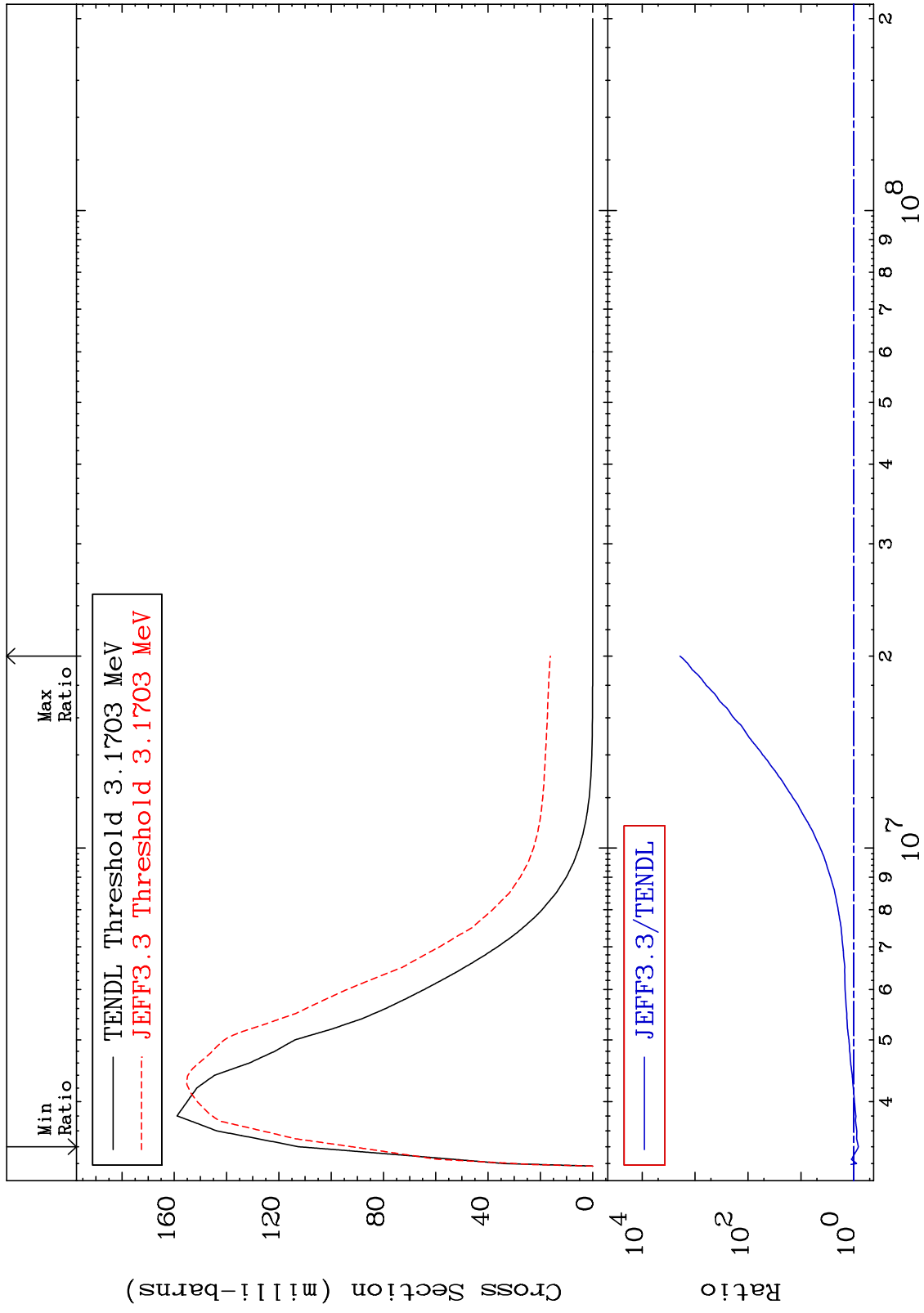
-99.85 To 113.1 %



MAT 1731 MT= 51 (n,n') Level Cross Section 17-Cl-37
-22.08 To 80.31 %



MAT 1731 MT= 52 (n,n') Level Cross Section -18.08 To 9999. % 17-Cl-37

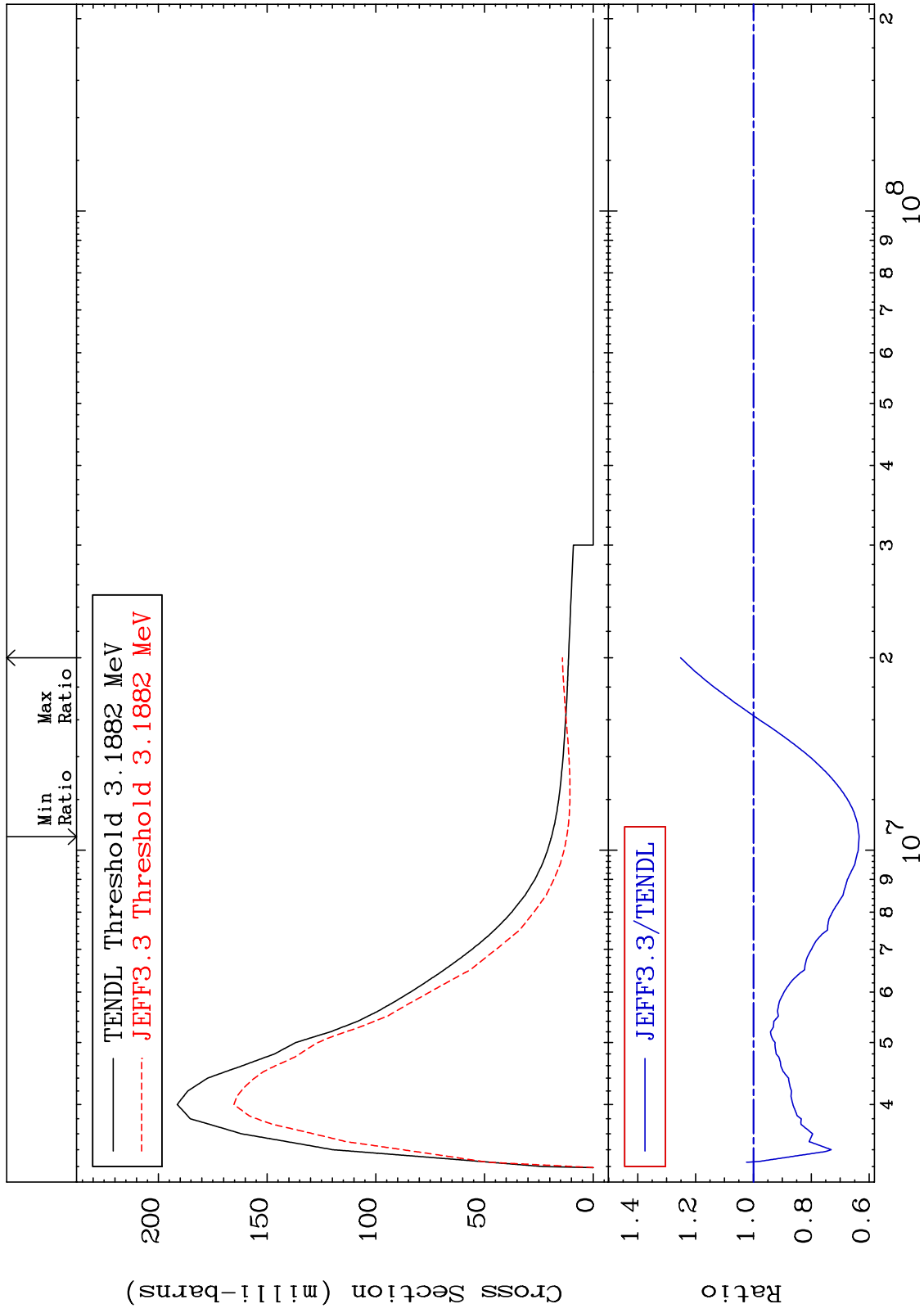


10 Incident Energy (eV) 17-Cl-37

MAT 1731

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

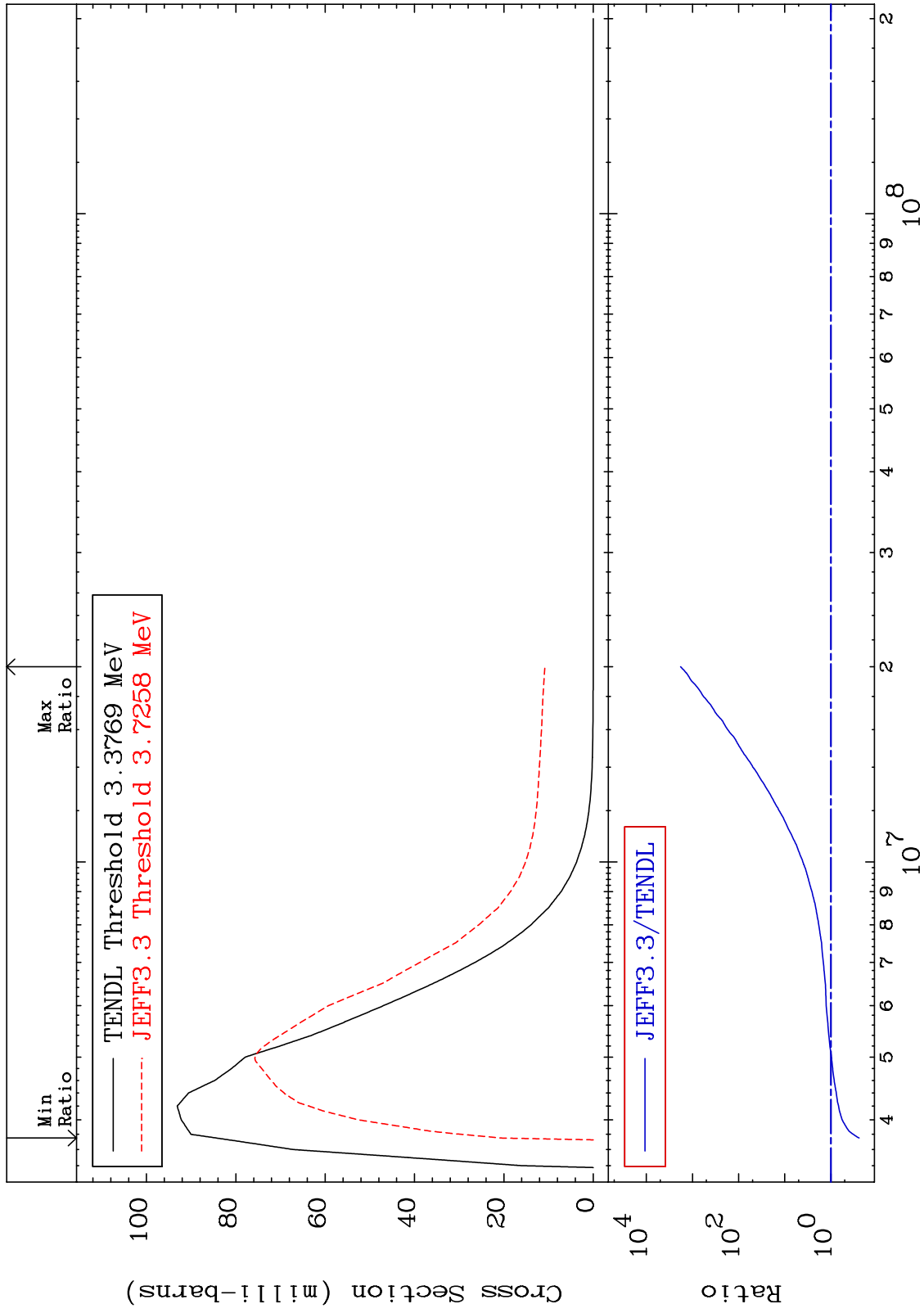
17-Cl-37
-36.56 To 25.16 %



MAT 1731

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

17-Cl-37
-75.60 To 9999. %



12

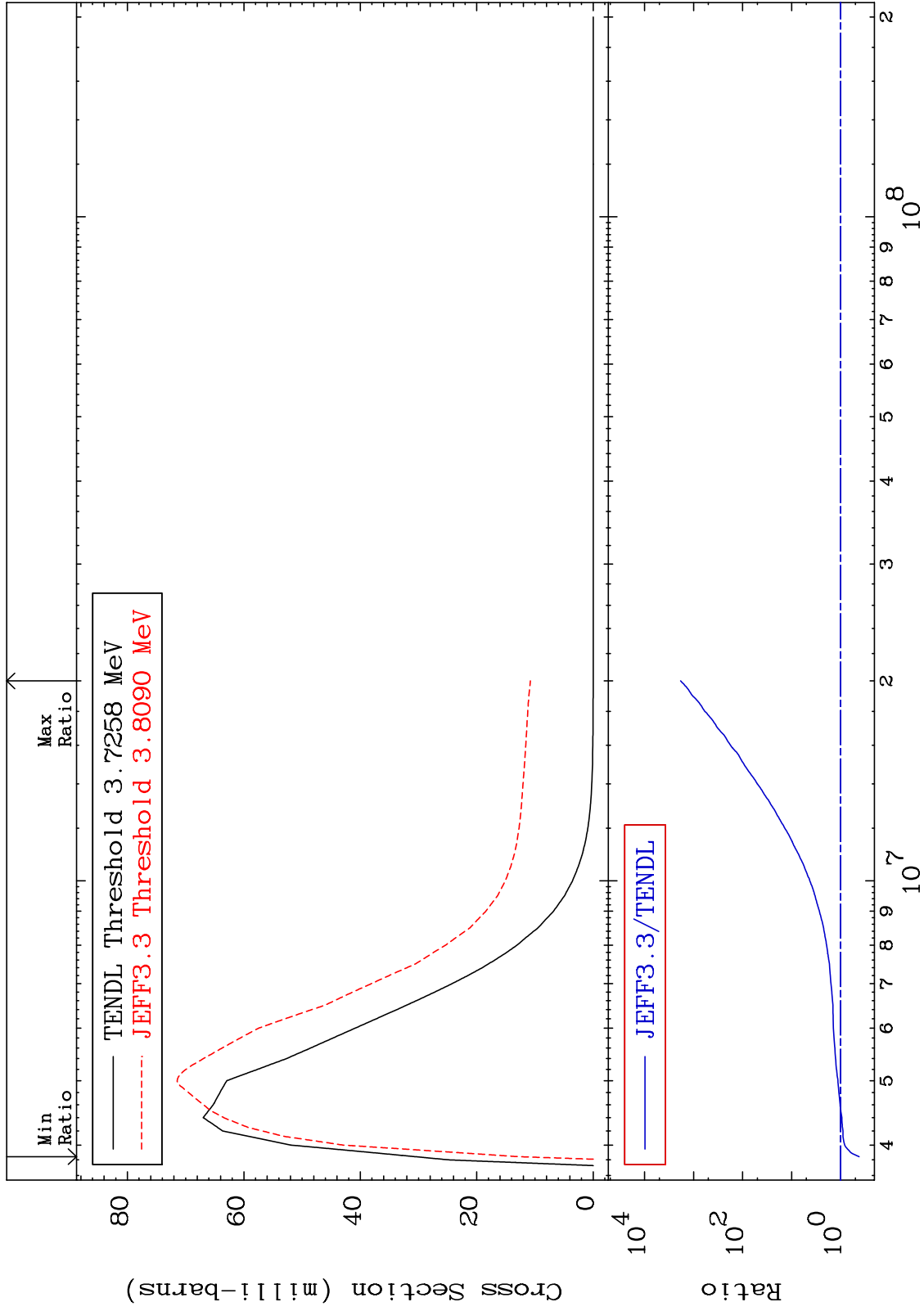
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-58.15 To 9999. %



13

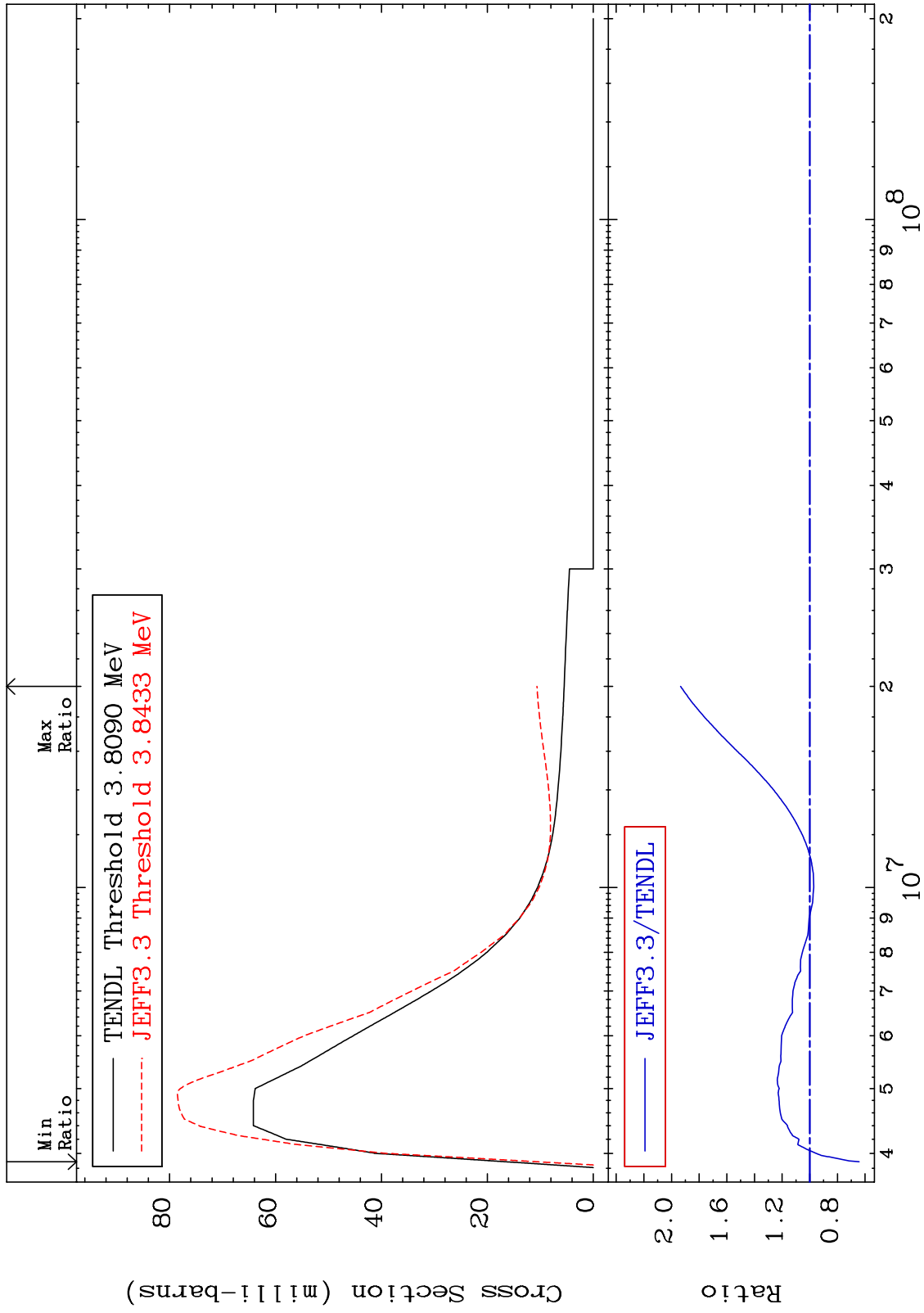
Incident Energy (eV)

17-Cl-37

MAT 1731

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

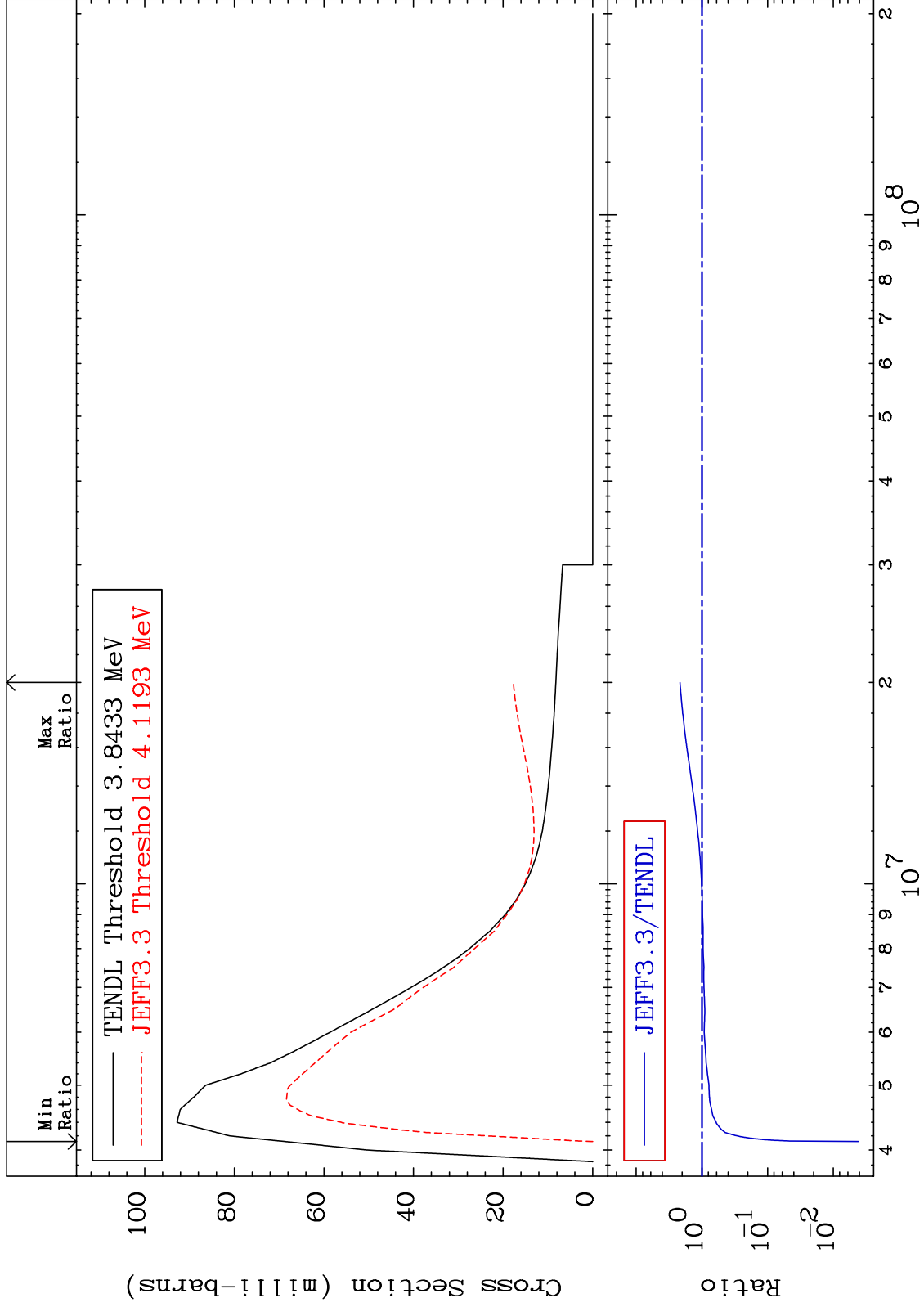
17-Cl-37
-35.72 To 93.43 %



MAT 1731

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

17-Cl-37
-99.58 To 115.4 %



15

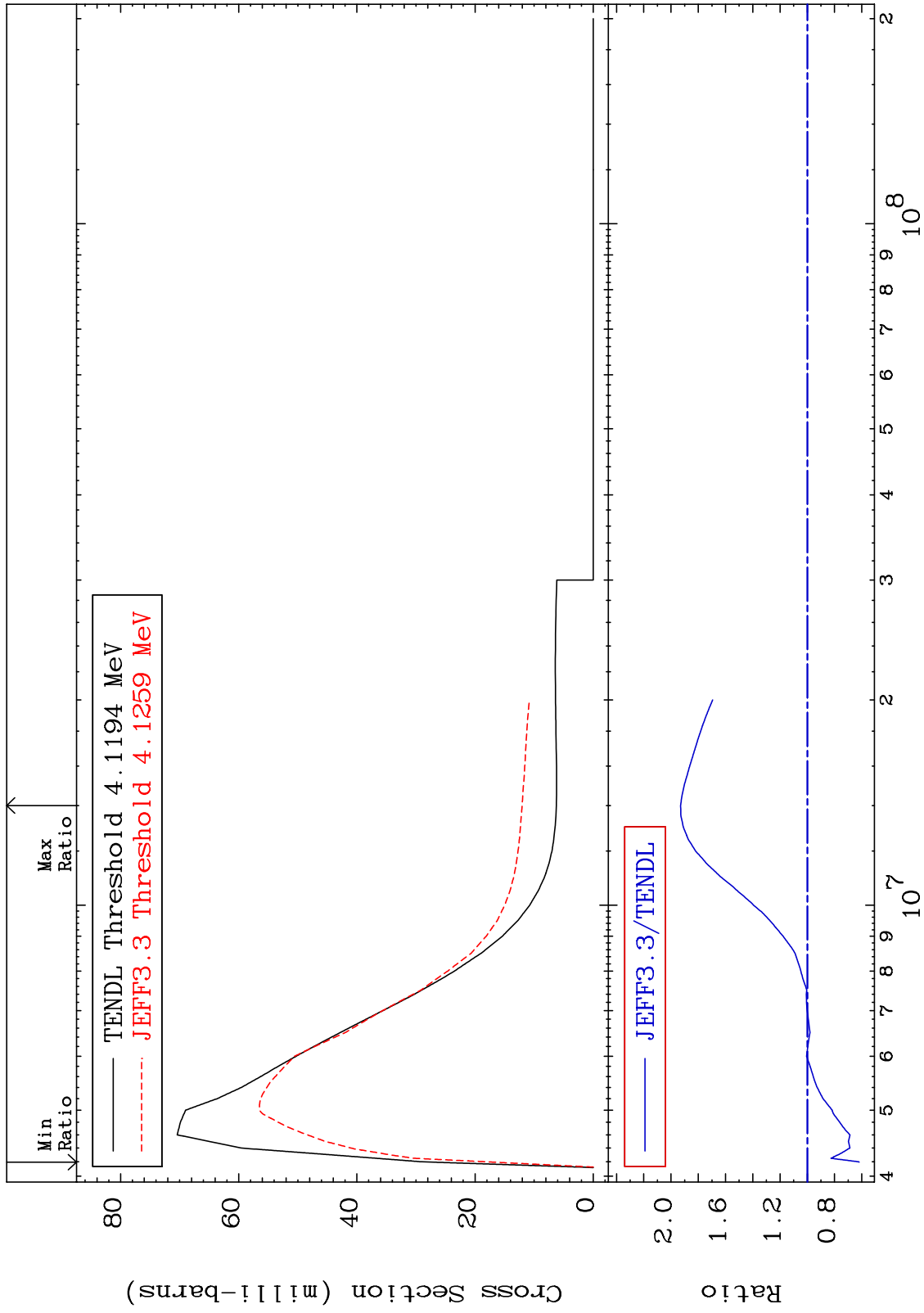
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-38.06 To 92.95 %



16

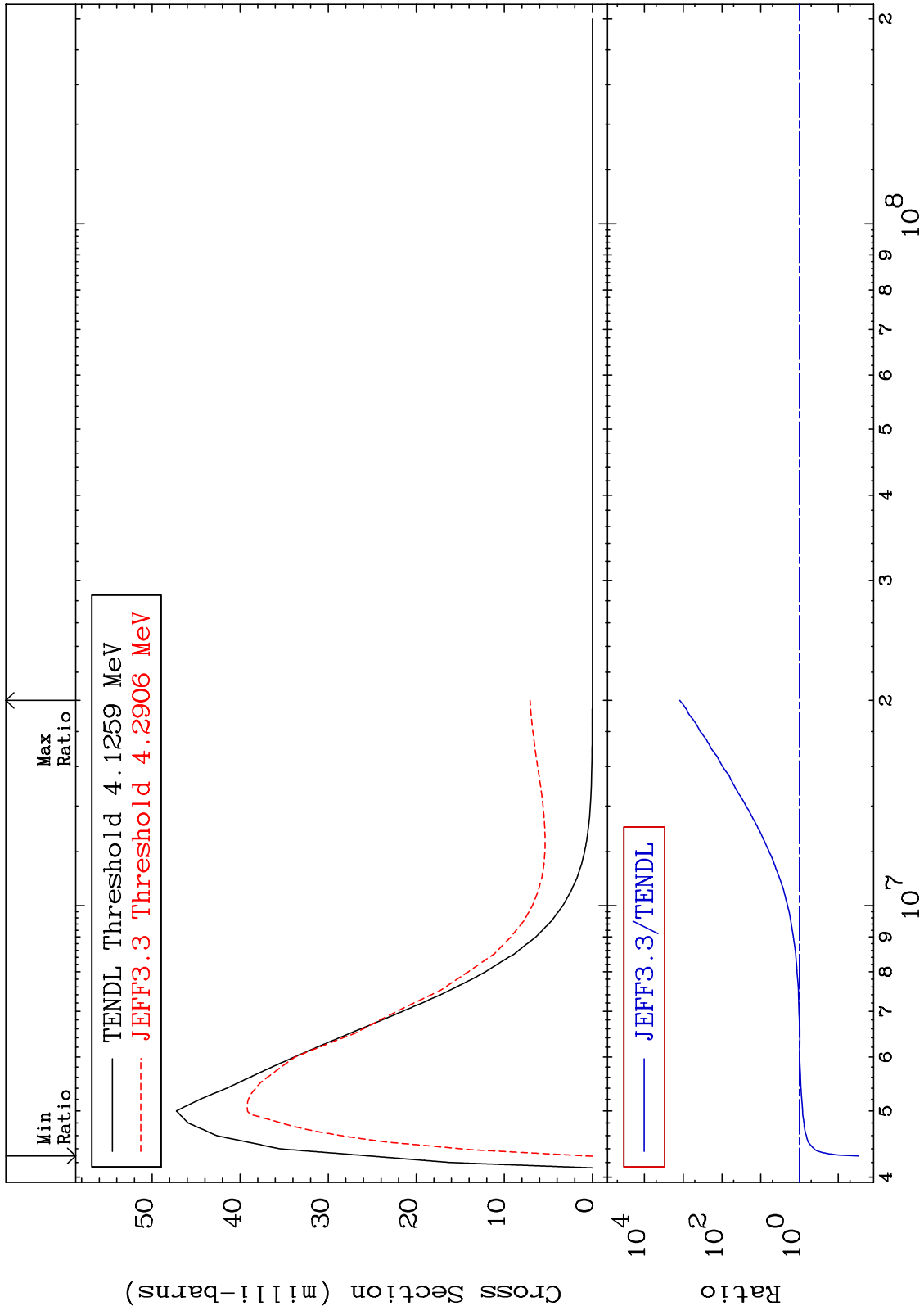
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-96.96 To 9999. %



17

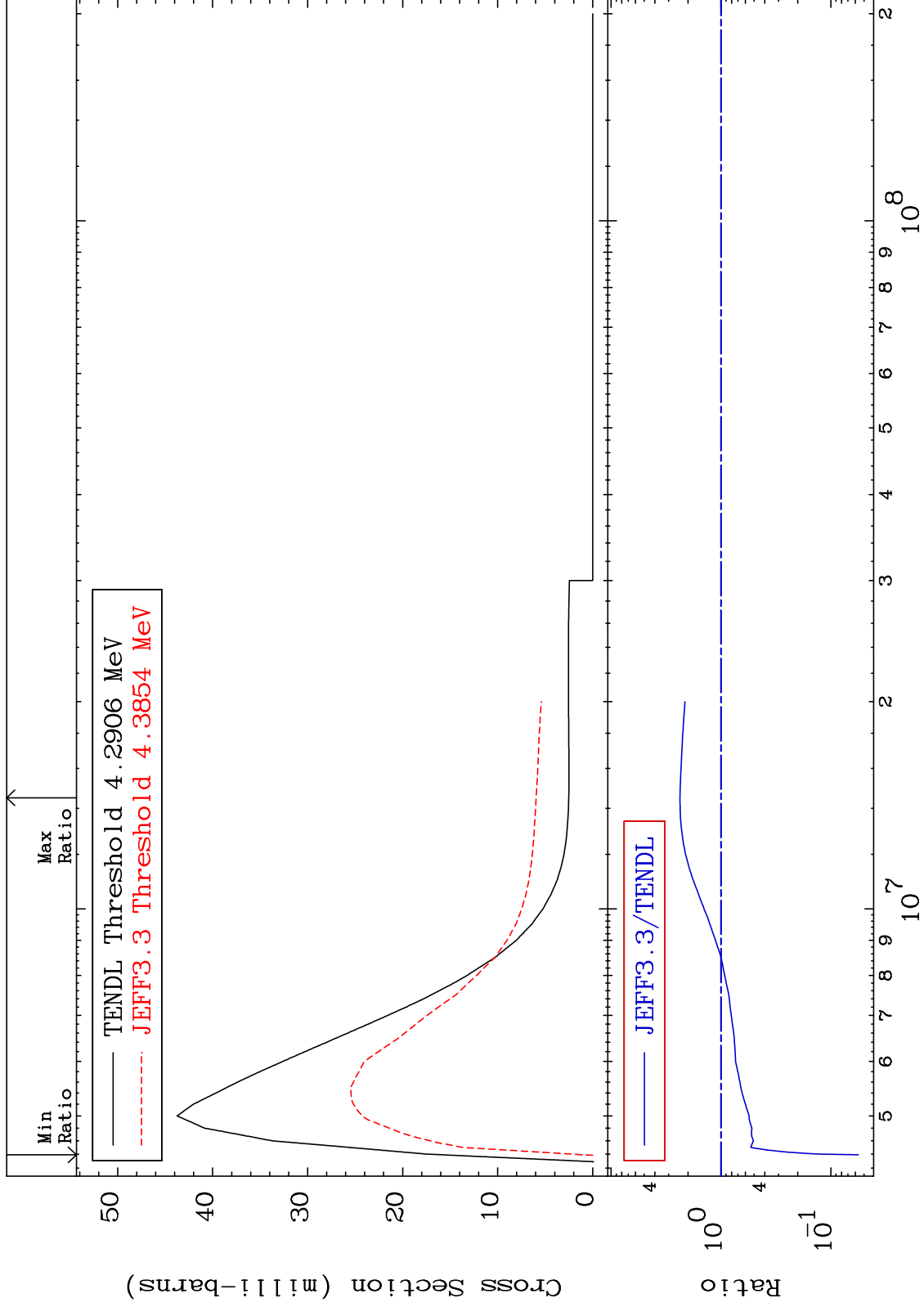
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-94.39 To 136.1 %



18

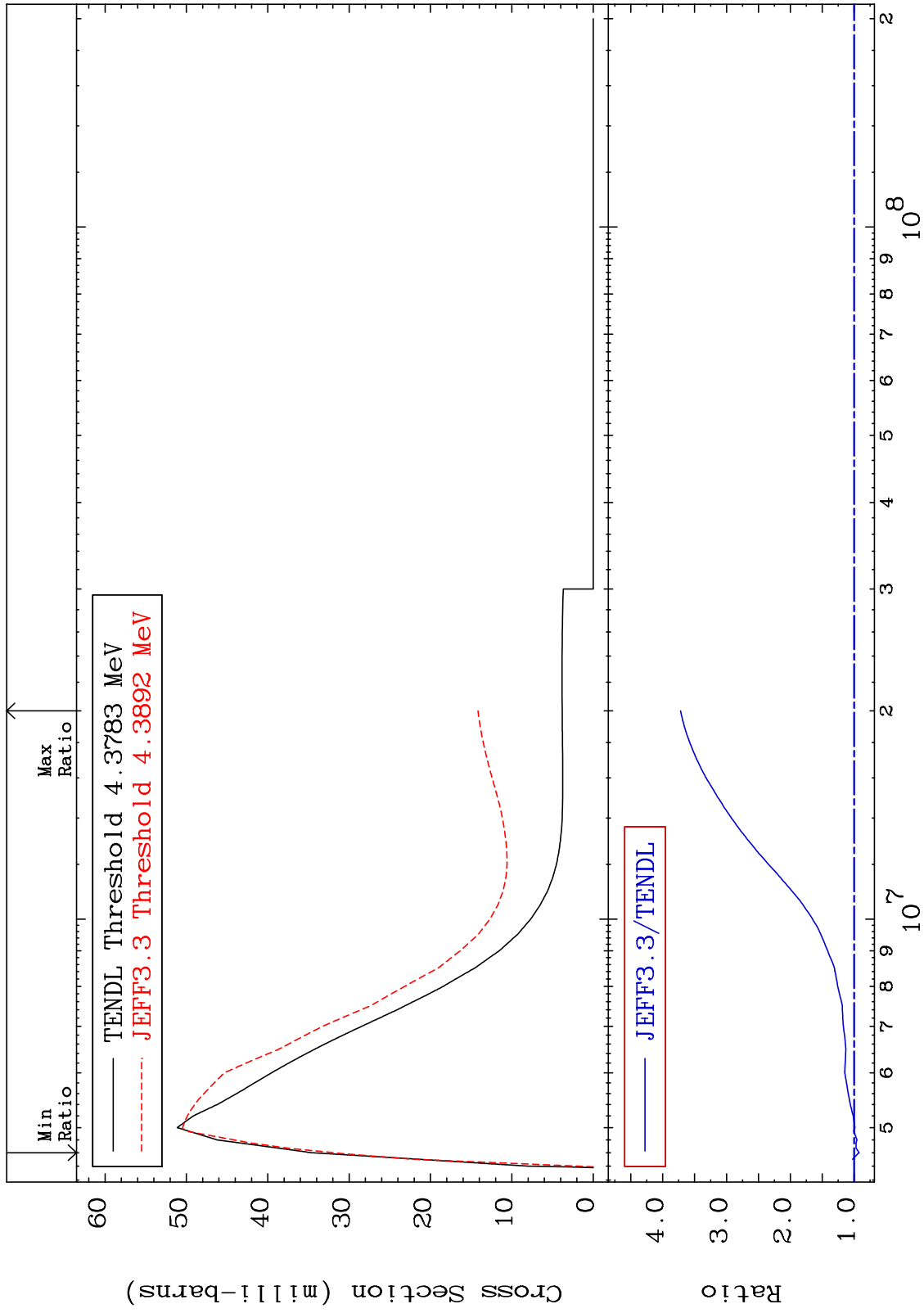
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-7.942 To 271.9 %



19

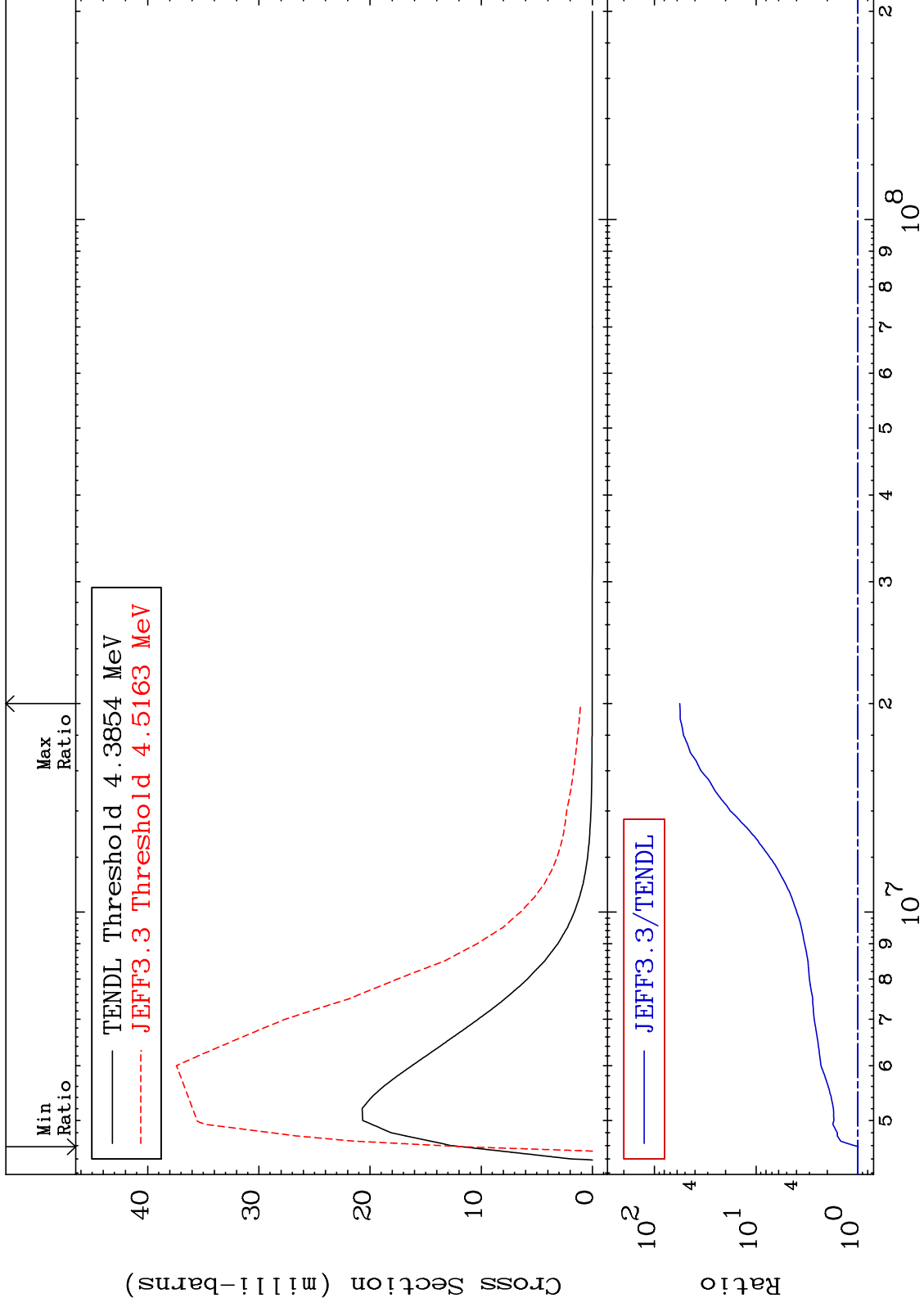
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-1.144 To 5533. %



20

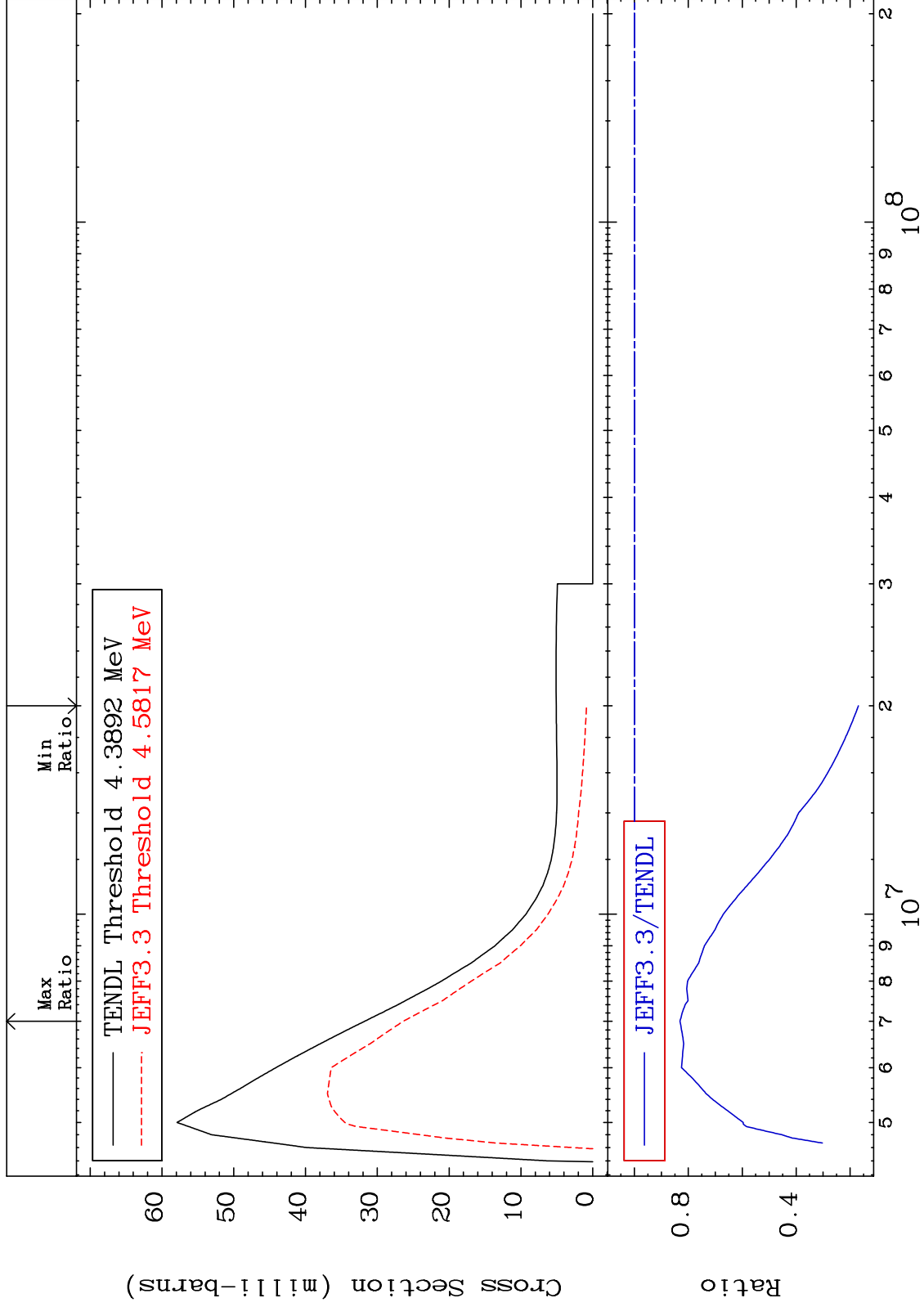
Incident Energy (eV)

17-Cl-37

MAT 1731

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

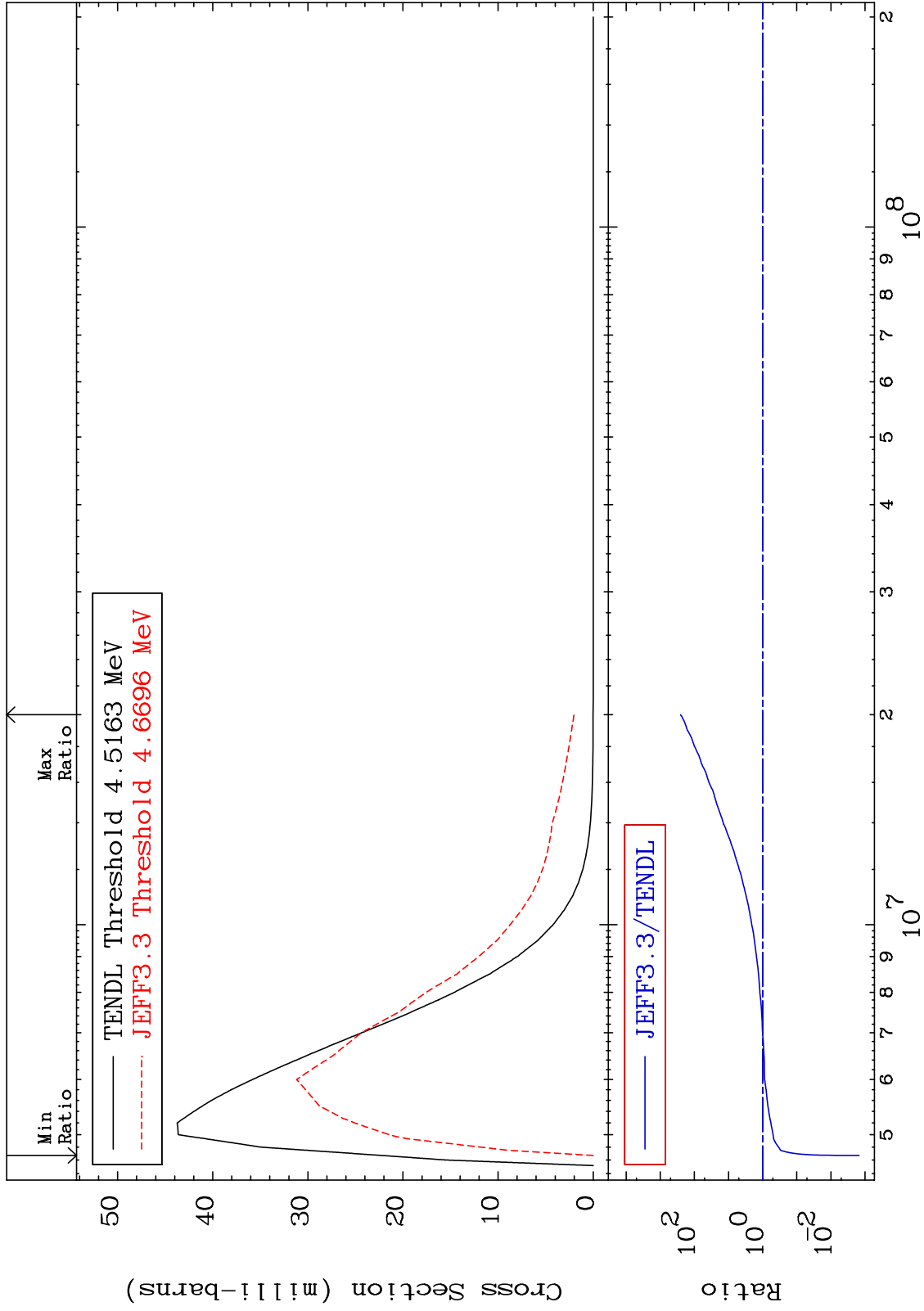
17-Cl-37
-83.11 To -16.92%



MAT 1731

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

17-Cl-37
-99.85 To 9999. %



22

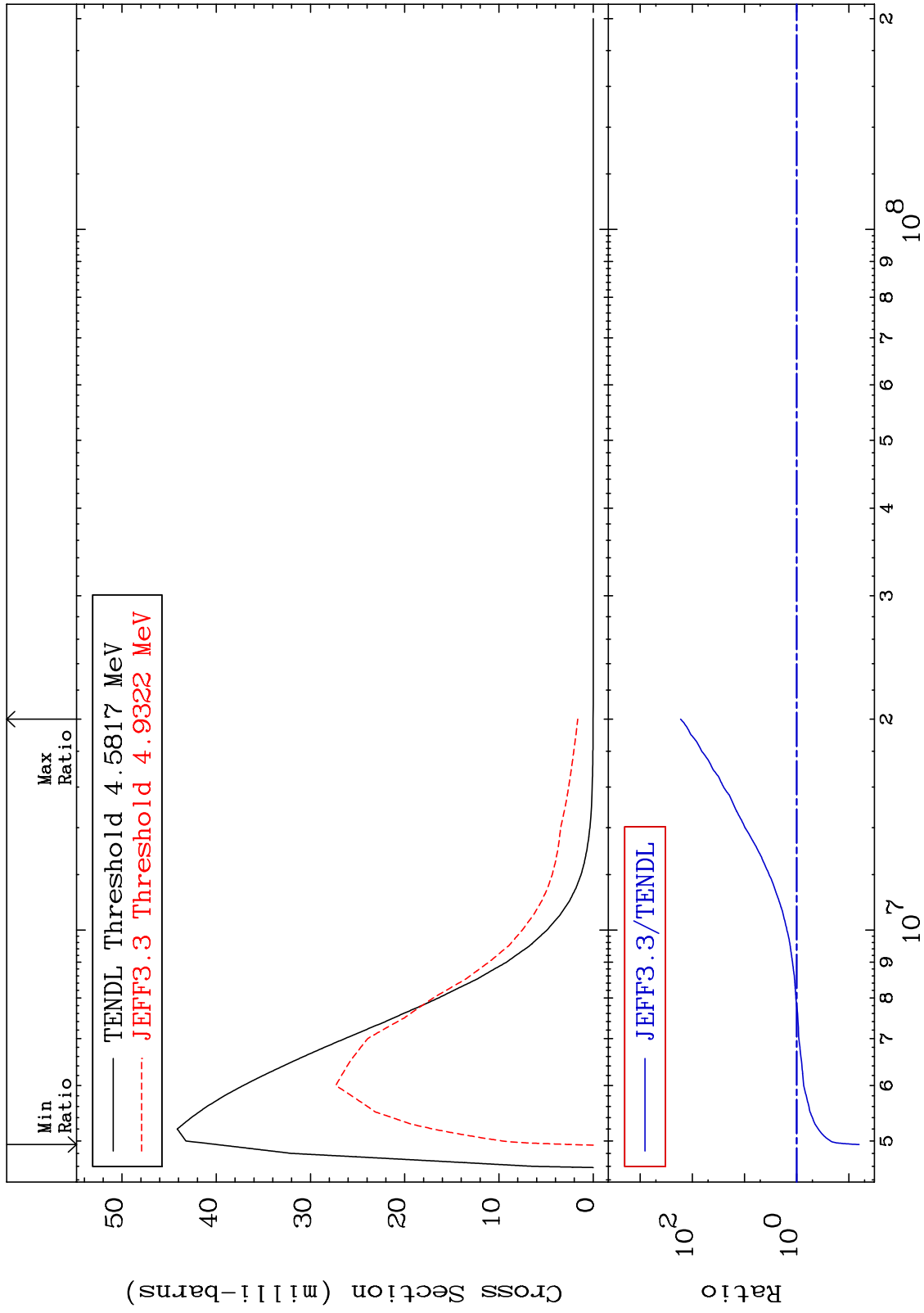
Incident Energy (eV)

17-Cl-37

MAT 1731

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

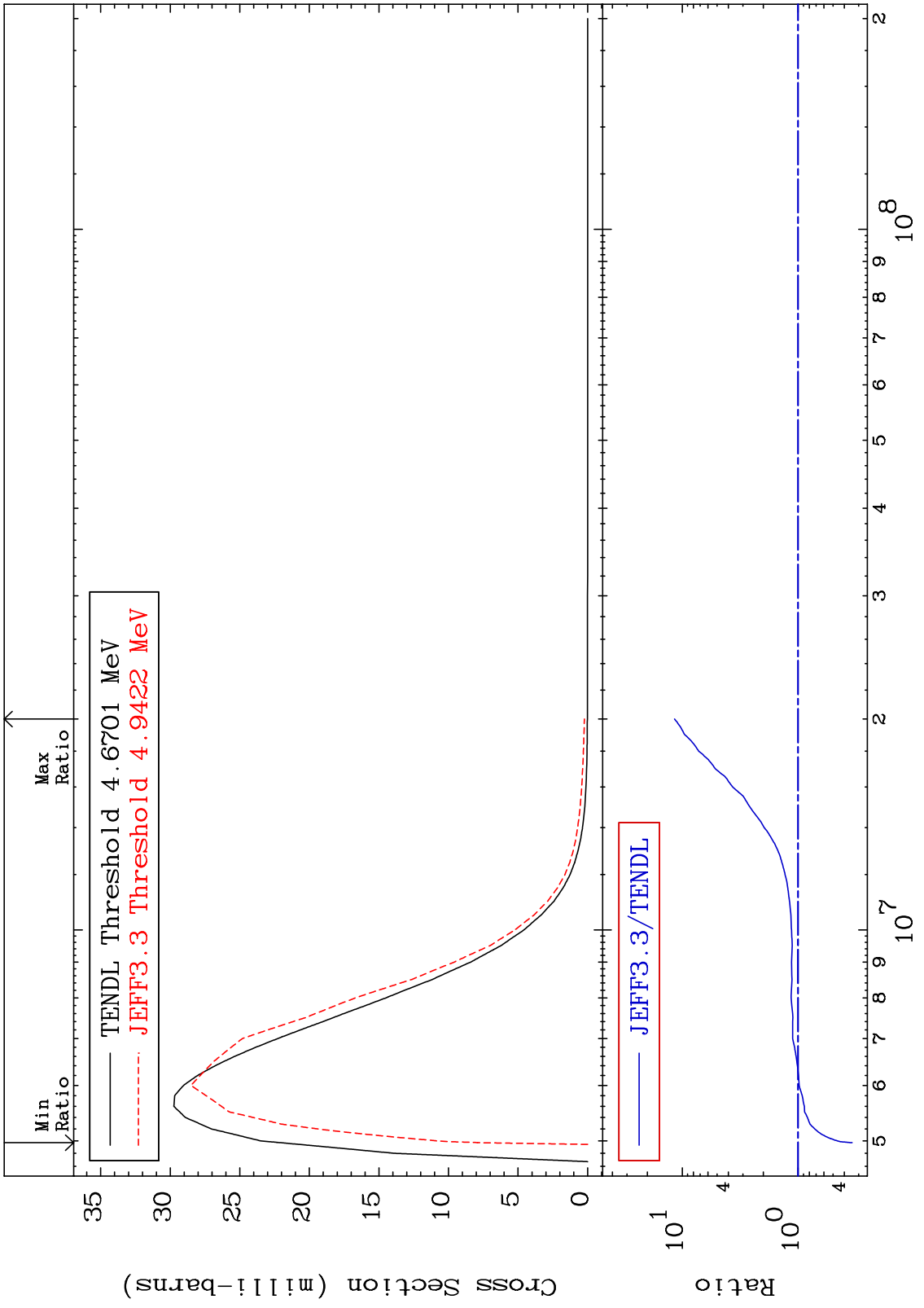
17-Cl-37
-93.66 To 9999. %



MAT 1731

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

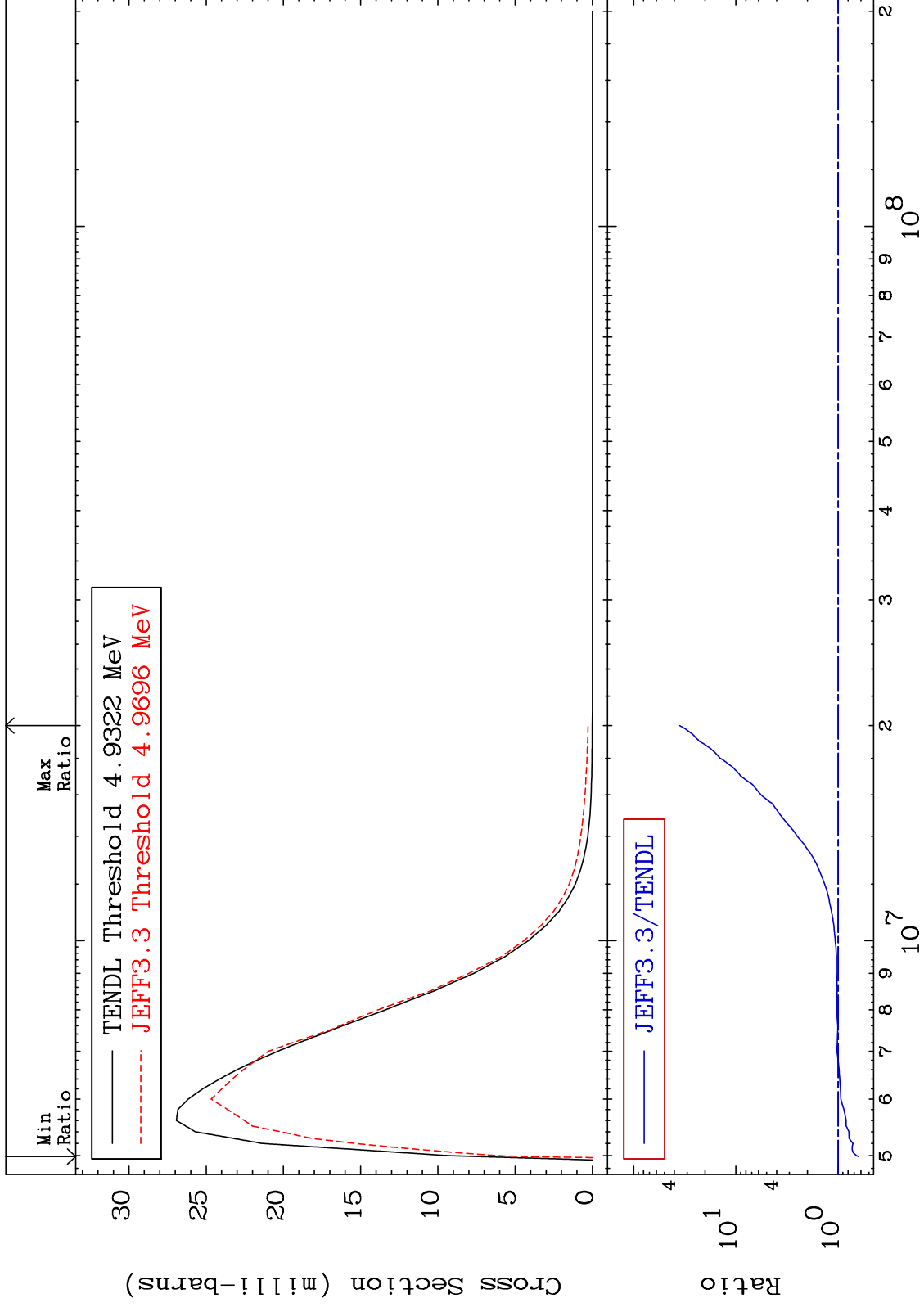
17-Cl-37
-65.82 To 1064. %



MAT 1731

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

17-Cl-37
-36.45 To 3433. %



25

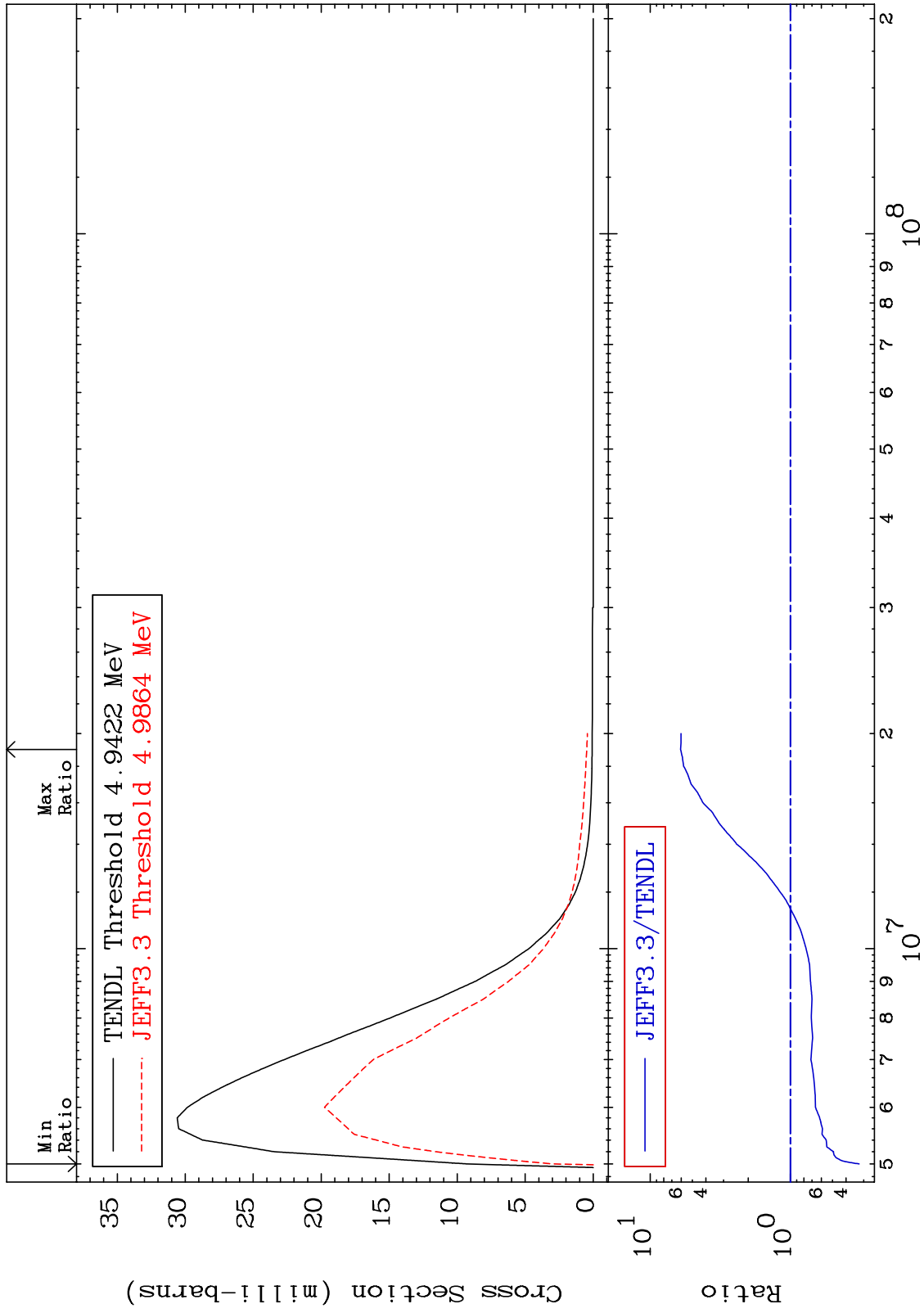
Incident Energy (eV)

17-Cl-37

MAT 1731

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

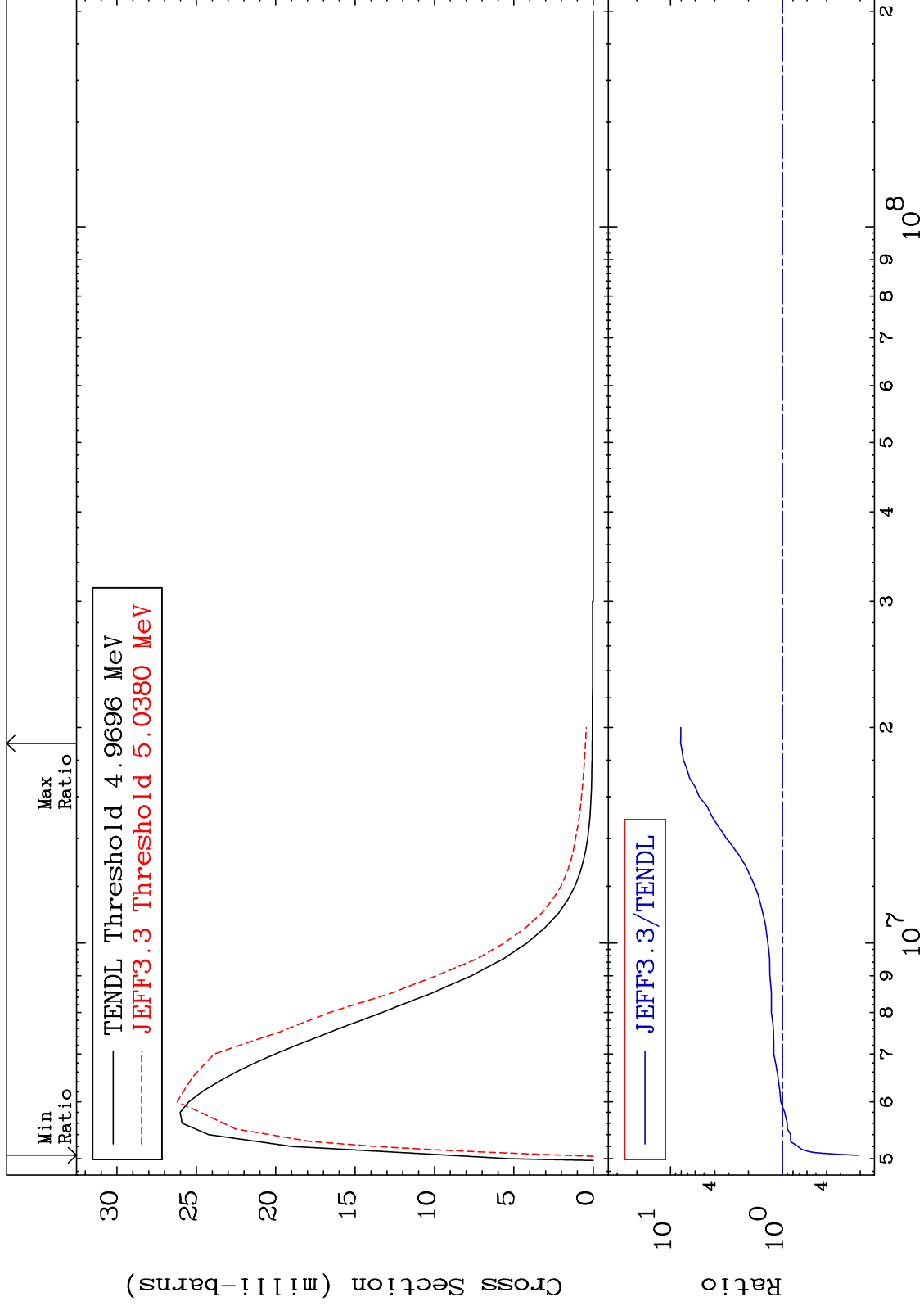
17-Cl-37
-67.72 To 506.5 %



MAT 1731

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

17-Cl-37
-79.54 To 710.9 %



27

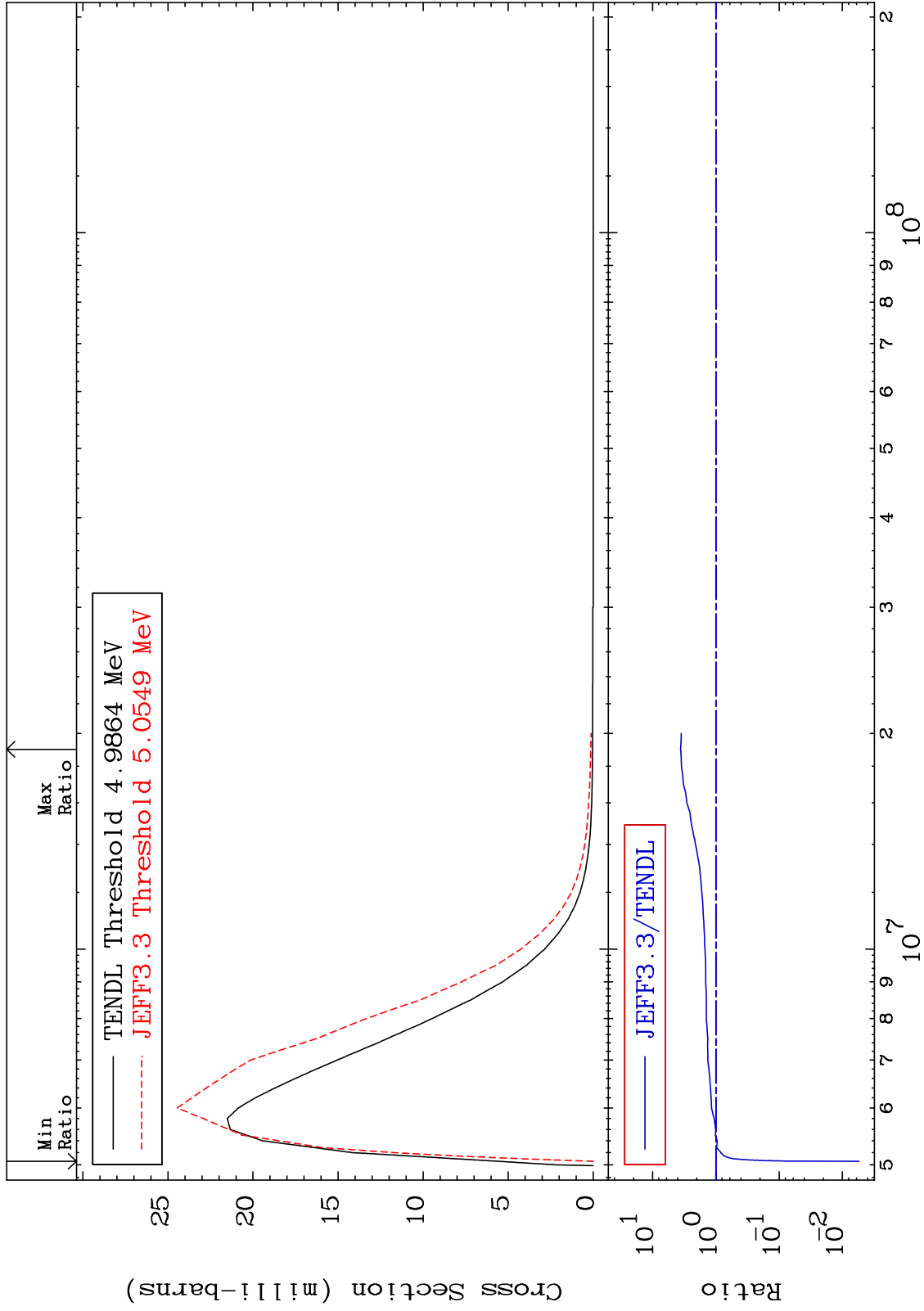
Incident Energy (eV)

17-Cl-37

MAT 1731

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

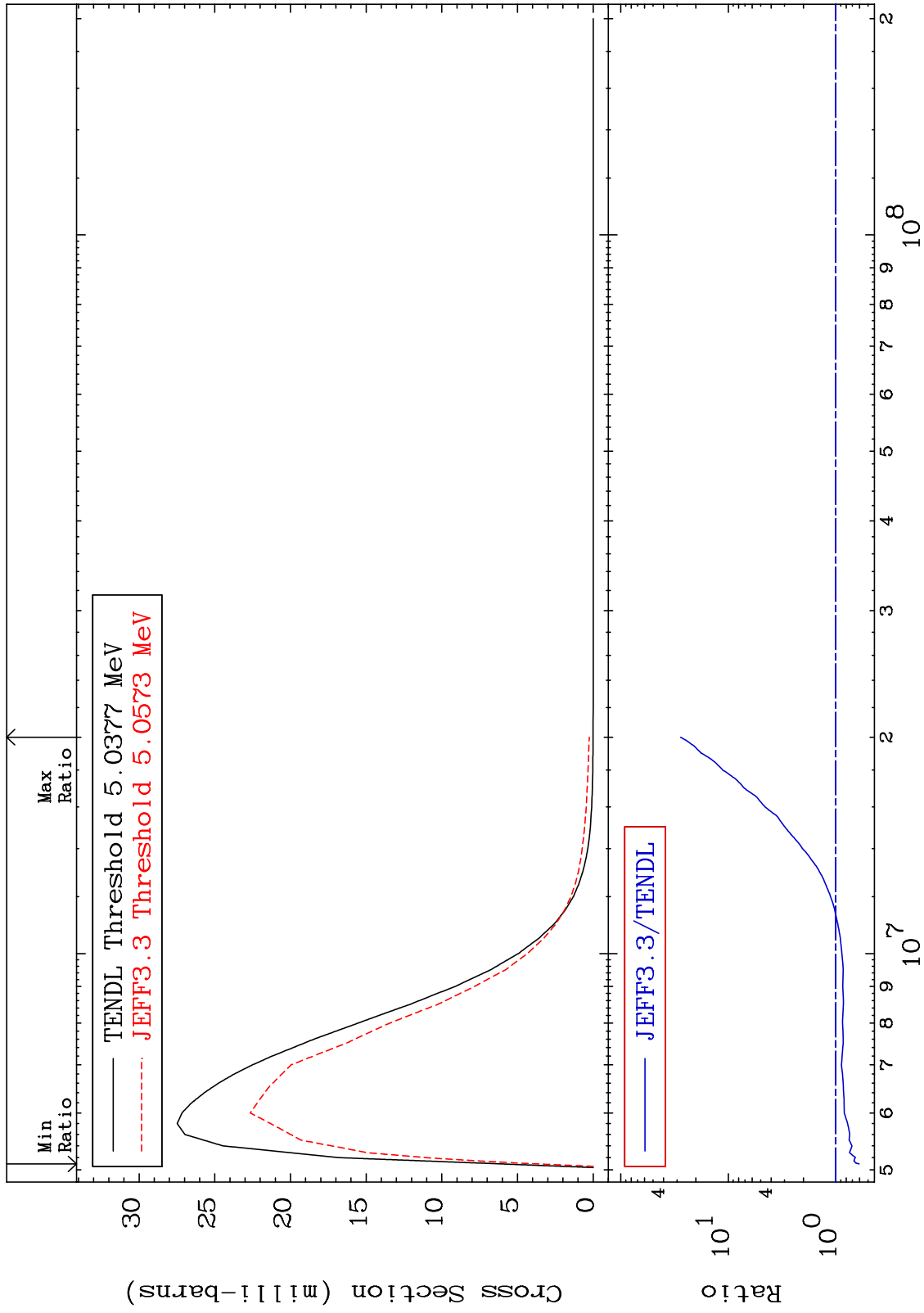
17-Cl-37
-99.46 To 260.4 %



MAT 1731

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

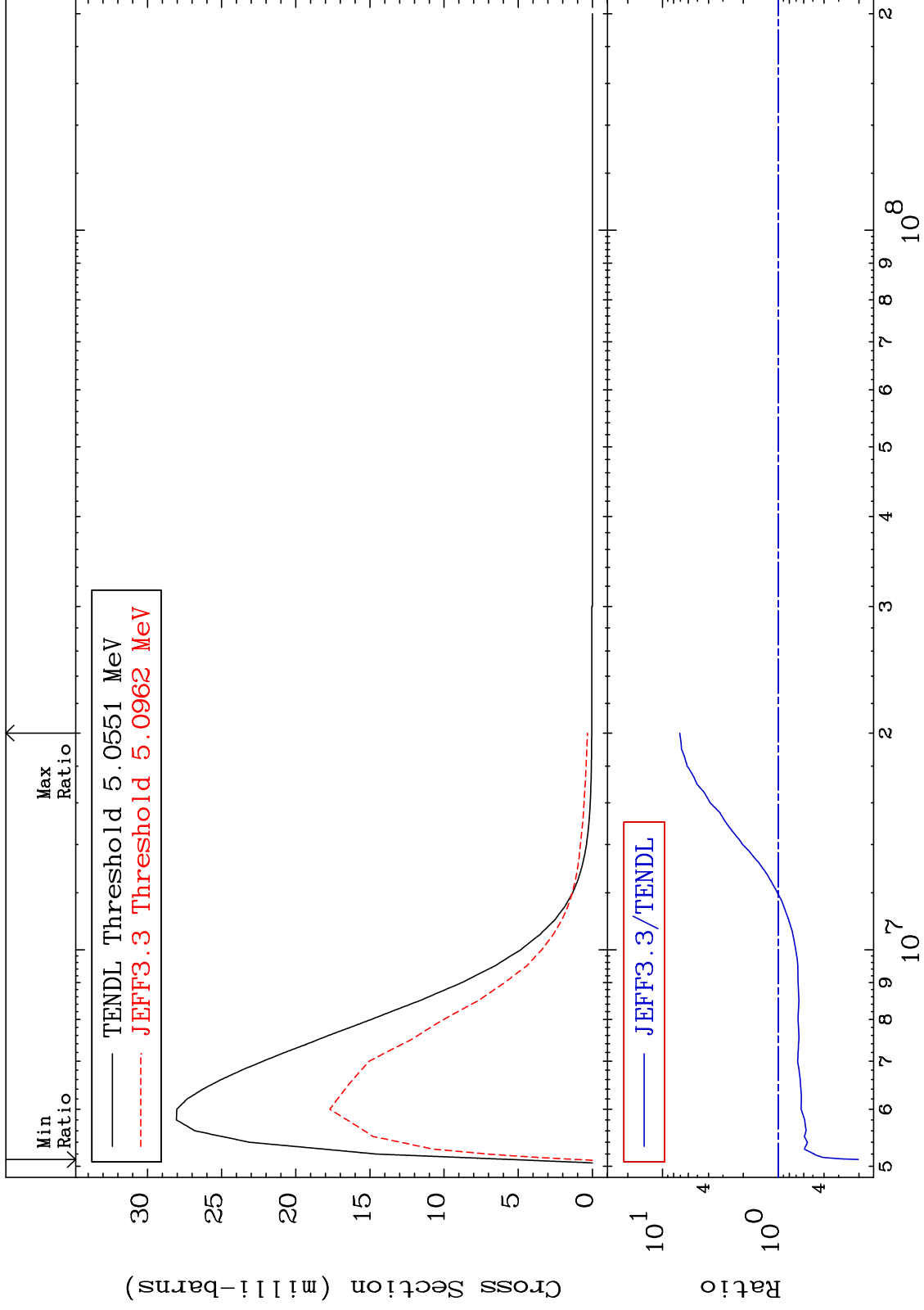
17-Cl-37
-39.38 To 2676. %



MAT 1731

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

17-Cl-37
-79.76 To 608.8 %



30

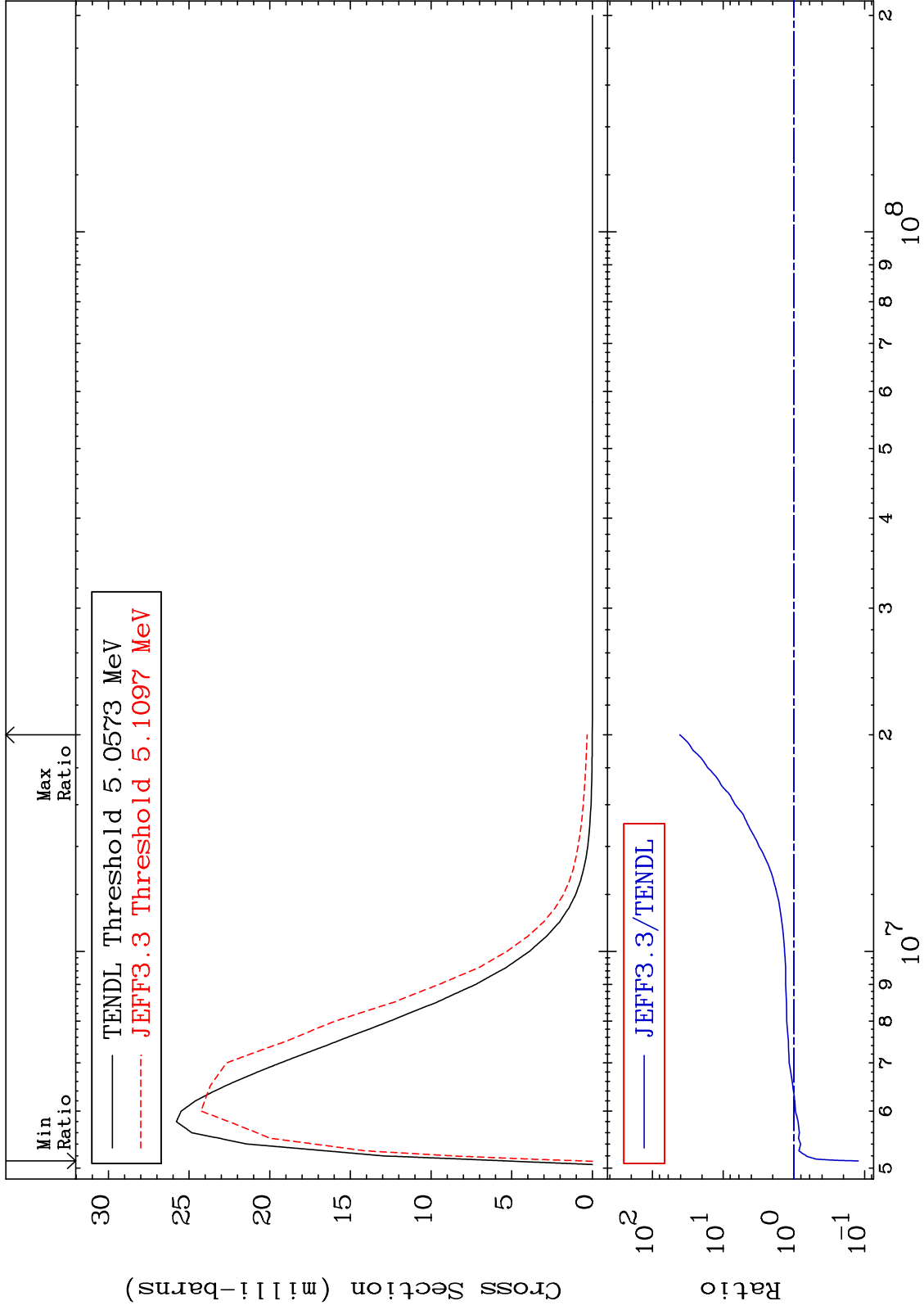
Incident Energy (eV)

17-Cl-37

MAT 1731

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

17-Cl-37
-87.70 To 4009. %



31

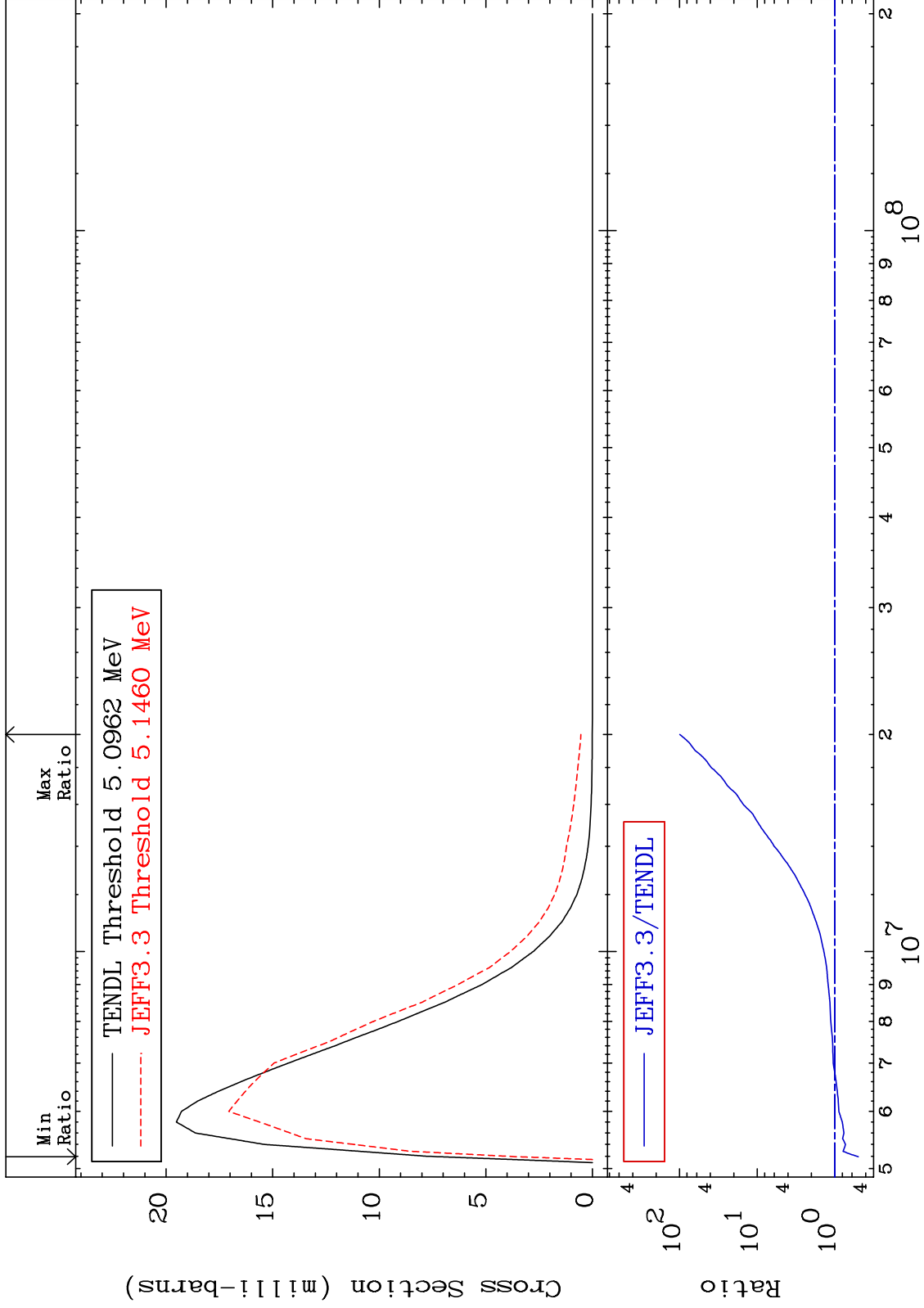
Incident Energy (eV)

17-Cl-37

MAT 1731

MT= 74 (n,n') Level
Cross Section

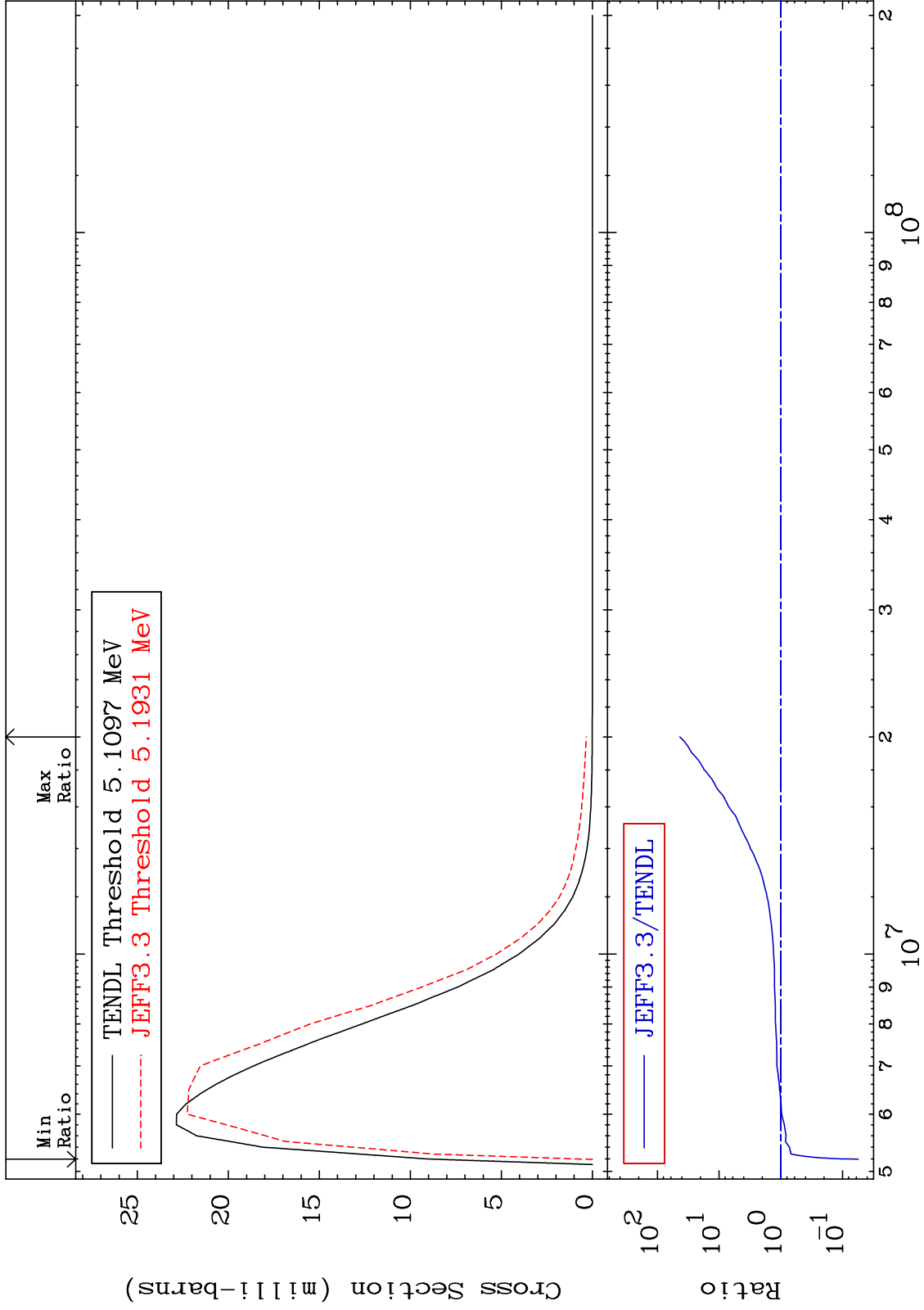
17-Cl-37
-50.33 To 9815. %



MAT 1731

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

17-CI-37
-94.43 To 4233. %



33

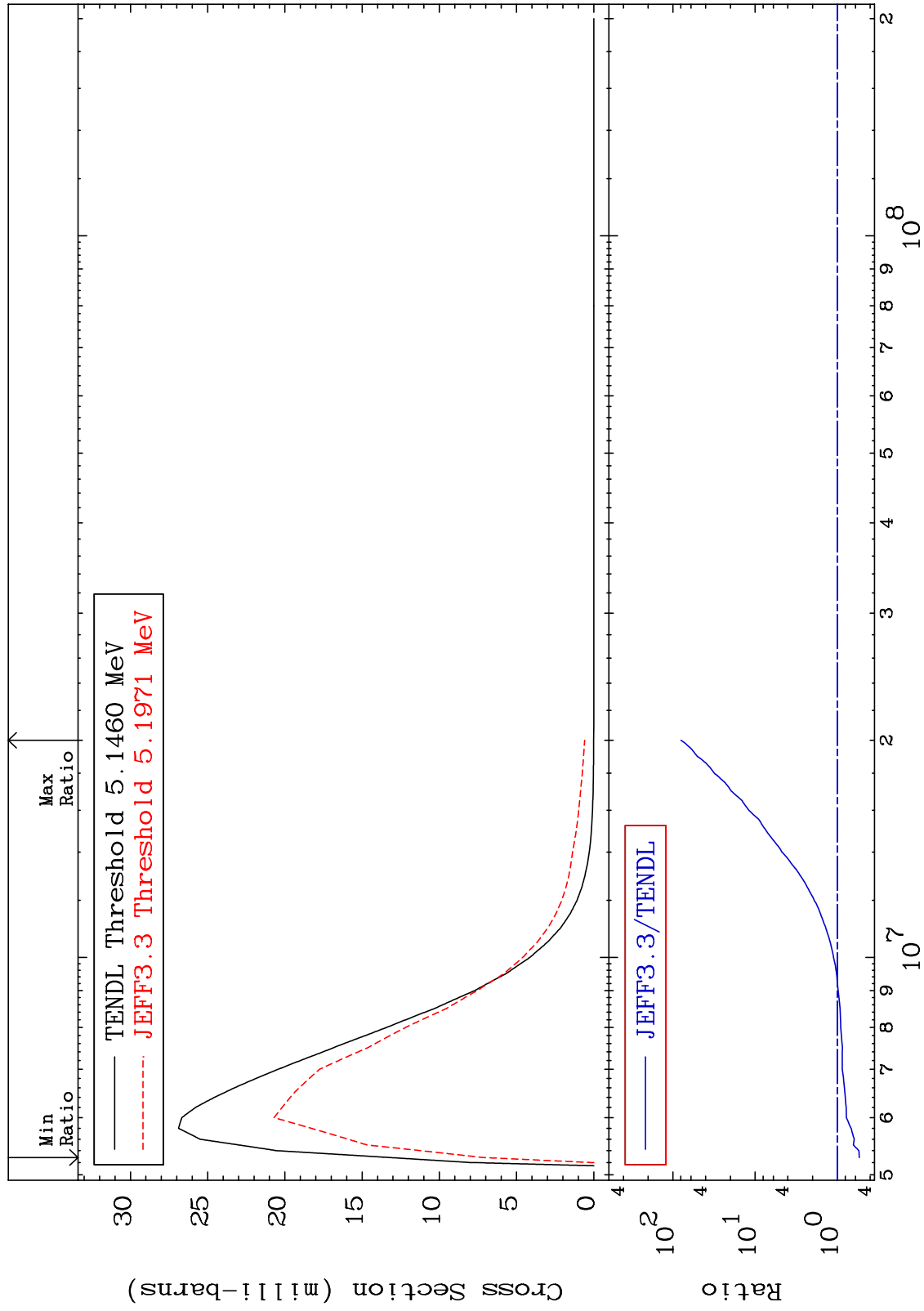
Incident Energy (eV)

17-CI-37

MAT 1731

MT= 76 (n,n') Level
Cross Section

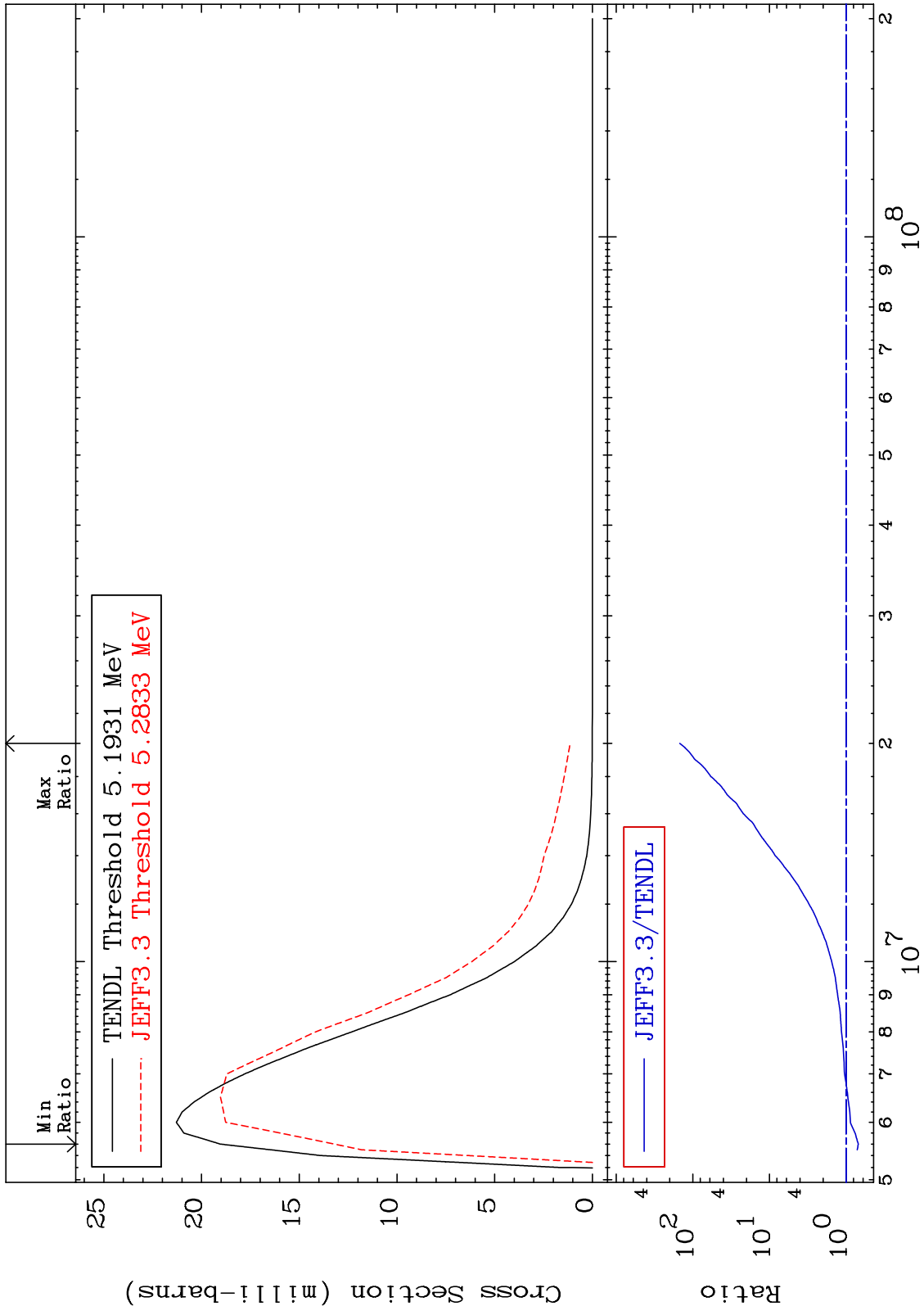
17-CI-37
-45.92 To 7852. %



MAT 1731

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

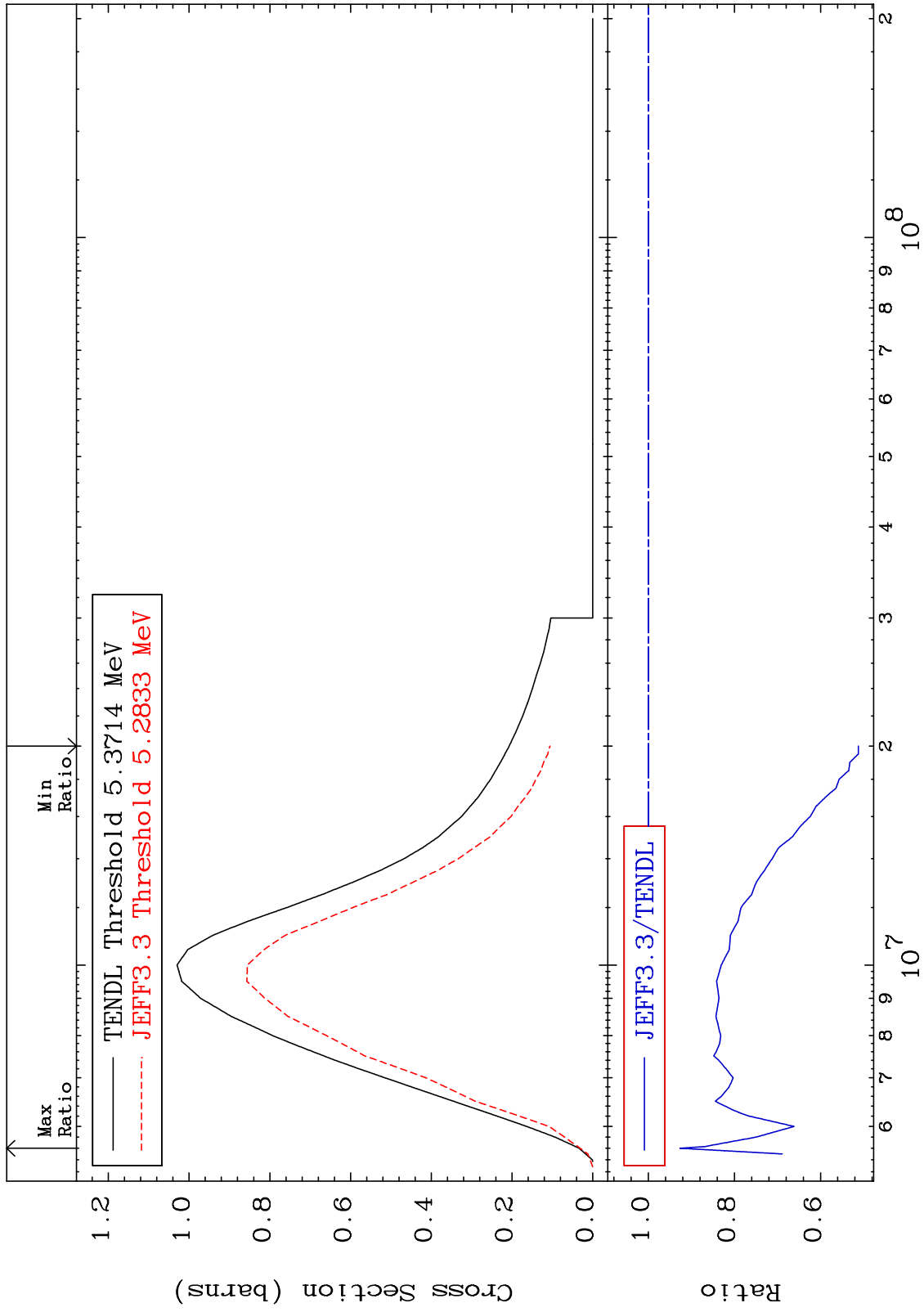
17-Cl-37
-30.68 To 9999. %



MAT 1731

(n,n') Continuum
Cross Section

17-Cl-37
-48.80 To -7.359%



36

Incident Energy (eV)

17-Cl-37

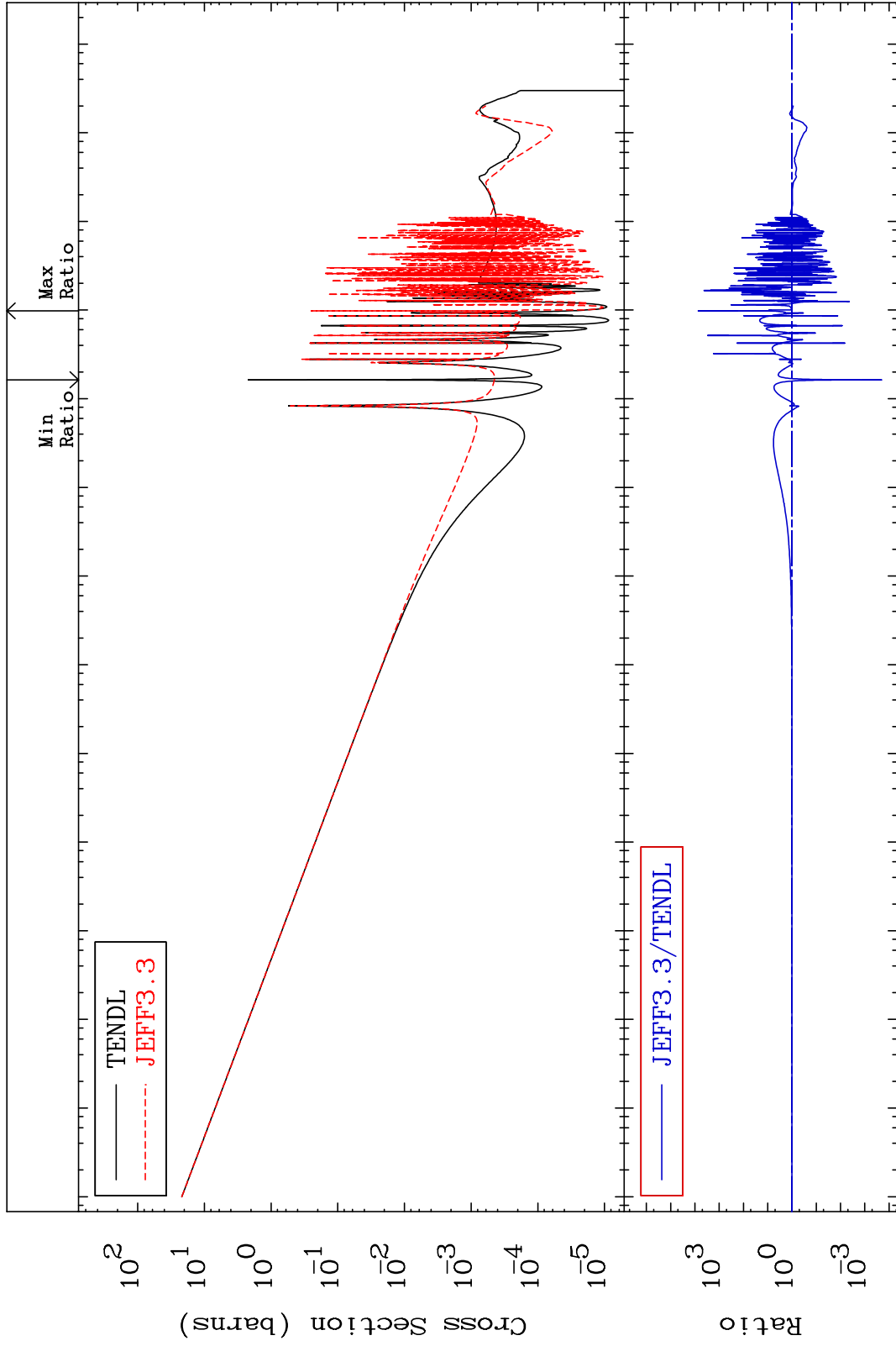
MAT 1731

(n, γ)

17-Cl-37

Cross Section

-99.98 To 9999. %



37

Incident Energy (eV)

17-Cl-37

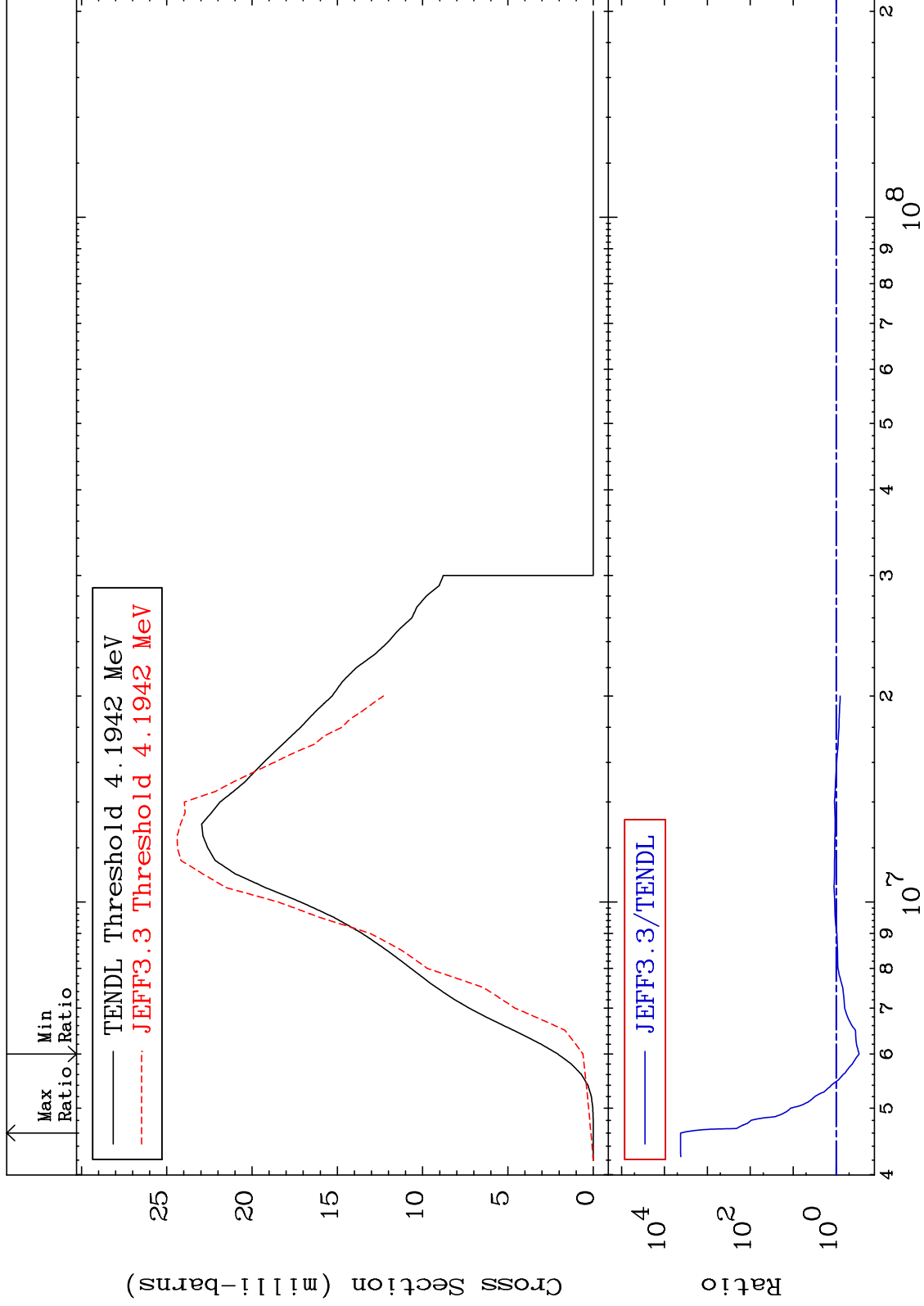
MAT 1731

(n,p)

17-Cl-37

Cross Section

-70.96 To 9999. %



38

Incident Energy (eV)

17-Cl-37

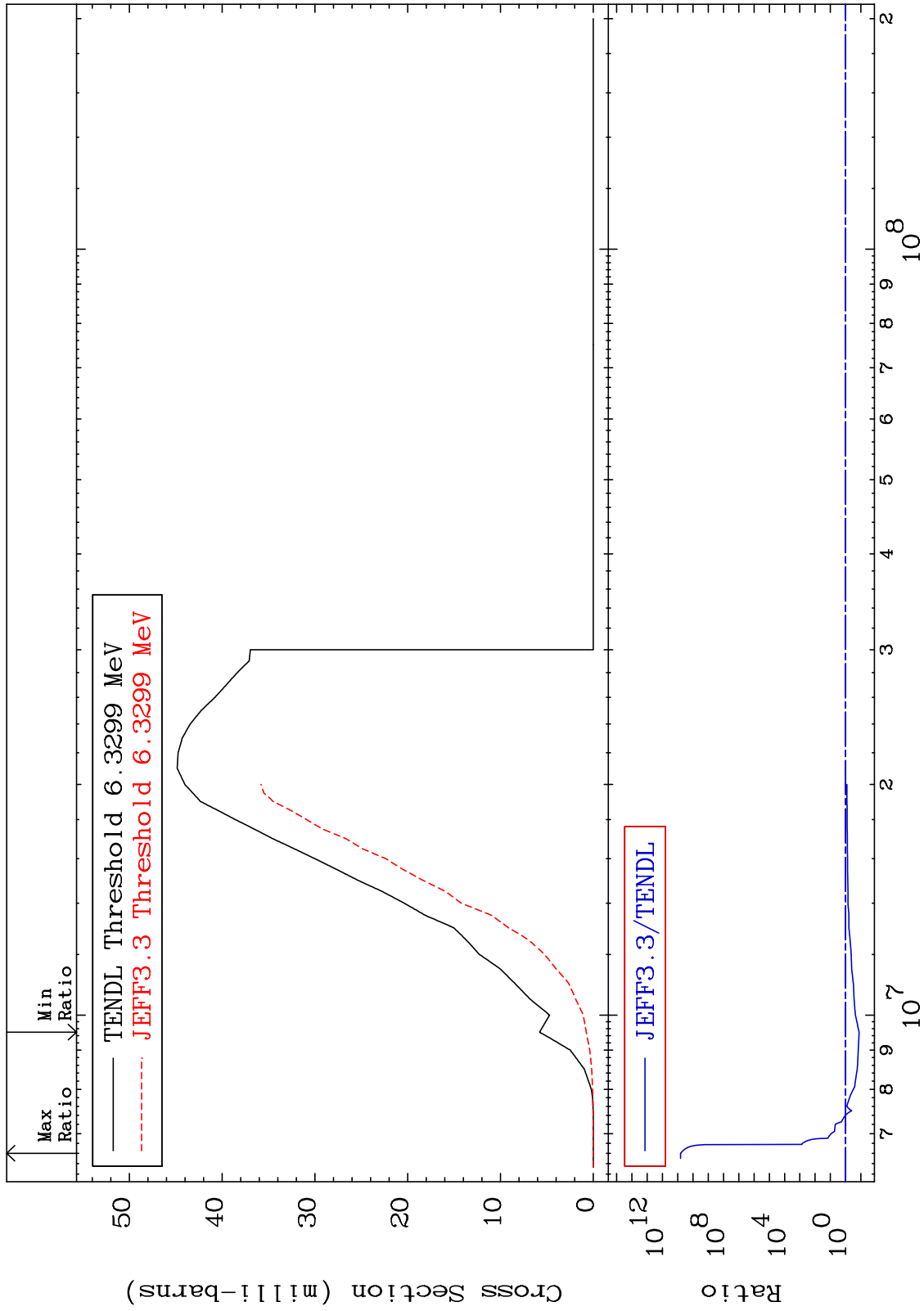
MAT 1731

(n, d)

17-Cl-37

Cross Section

-87.04 To 9999. %



39

Incident Energy (eV)

17-Cl-37

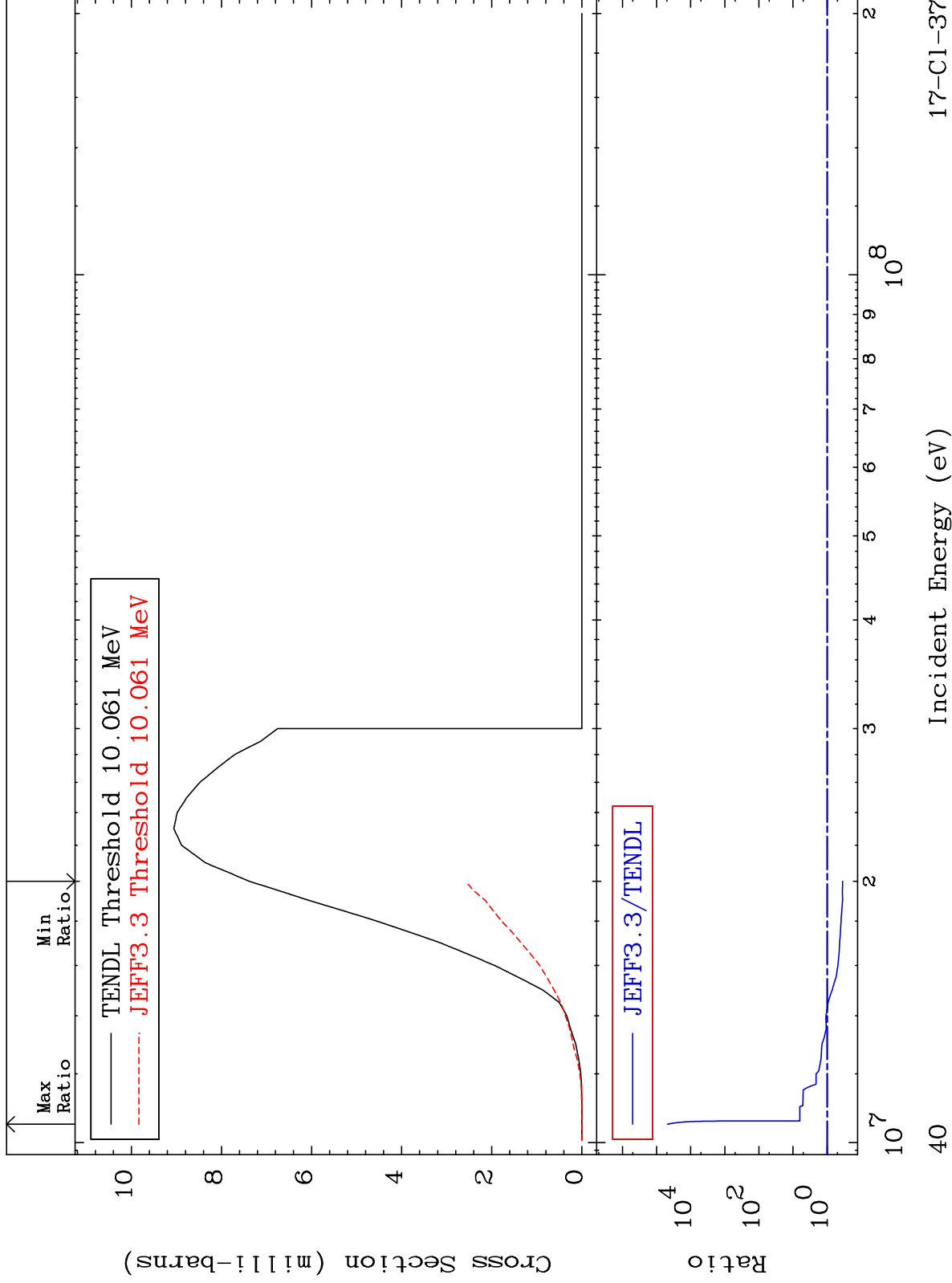
MAT 1731

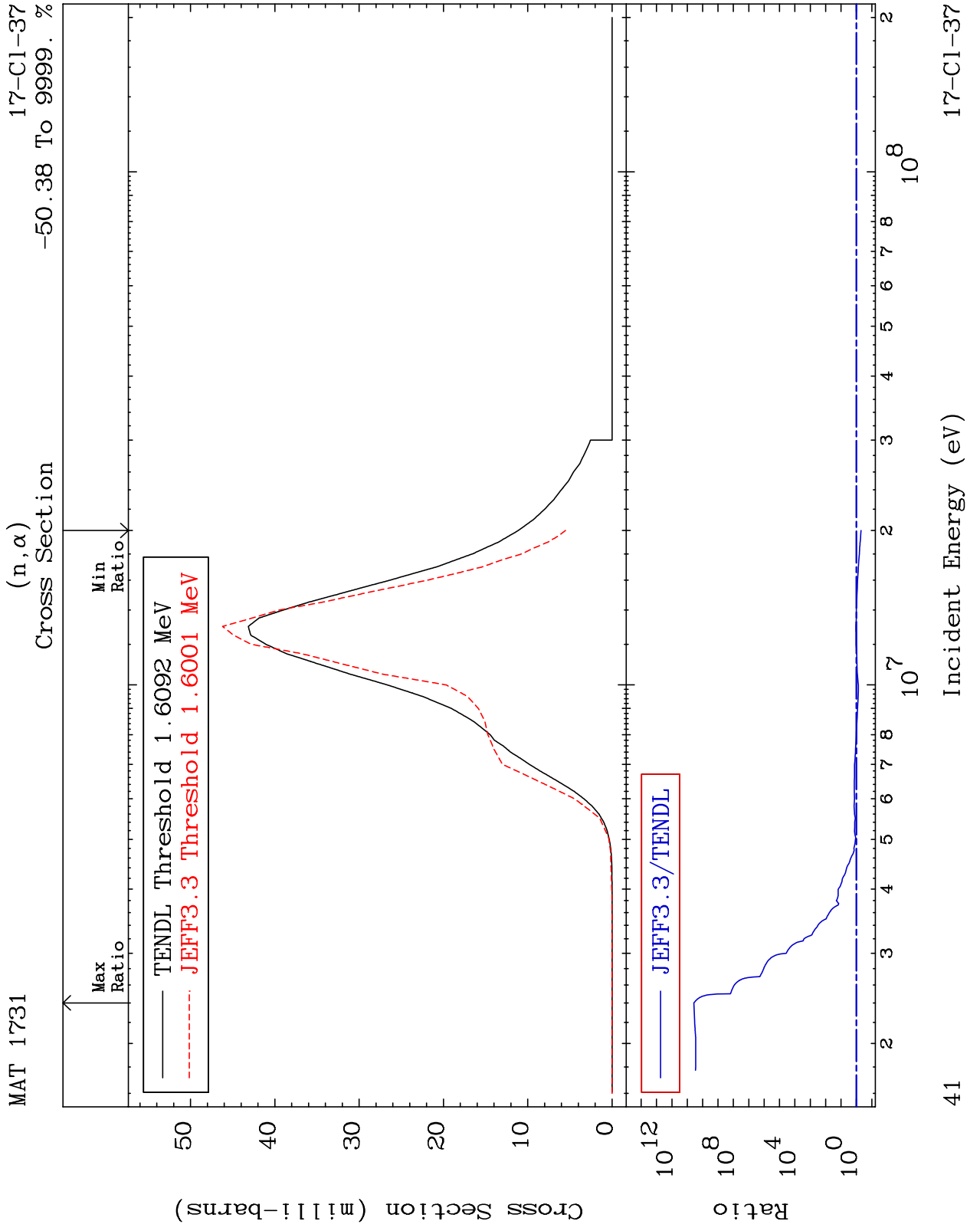
(n, t)

17-Cl-37

Cross Section

-64.95 To 9999. %

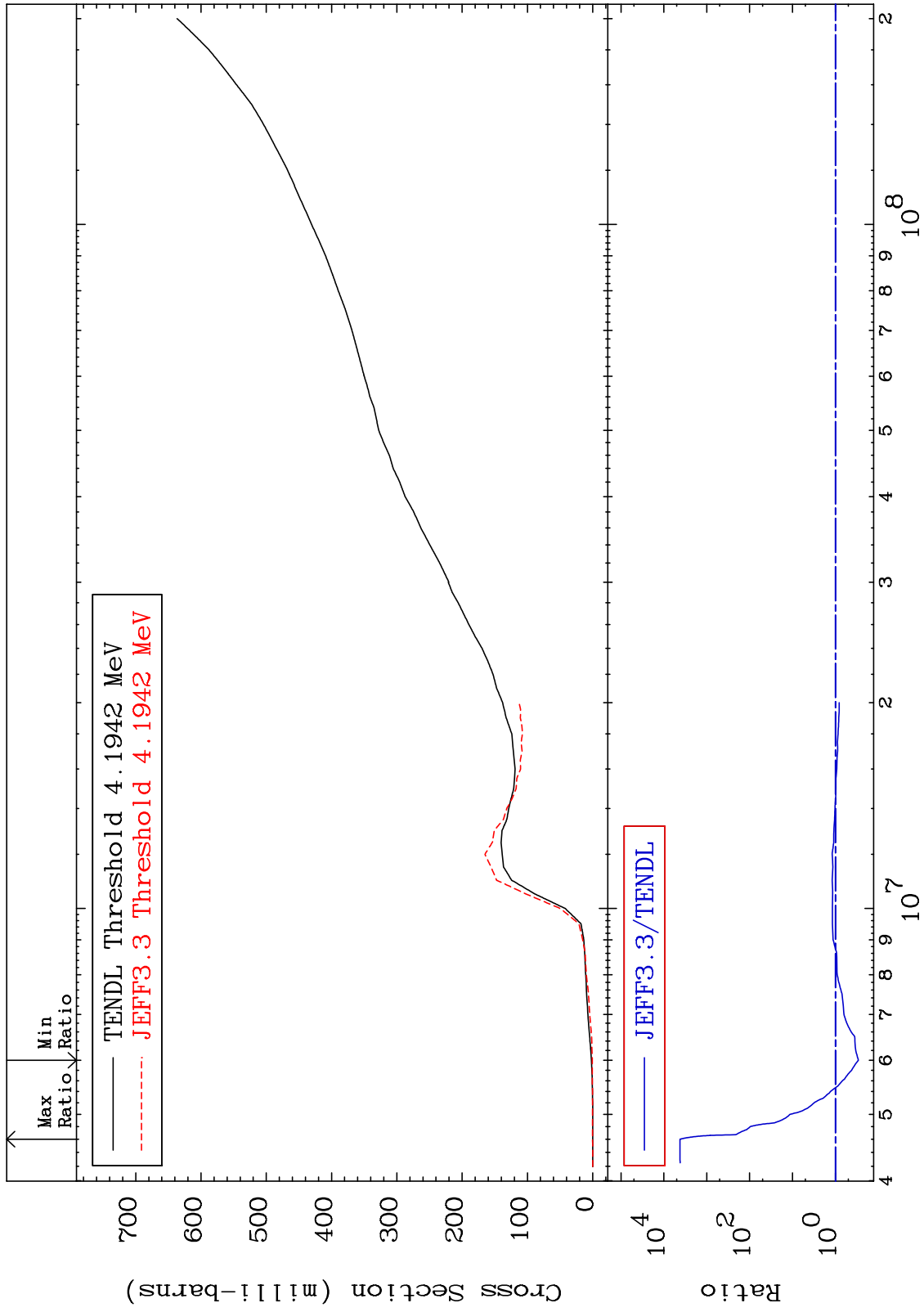




MAT 1731

Hydrogen Production
Cross Section

17-Cl-37
-70.96 To 9999. %



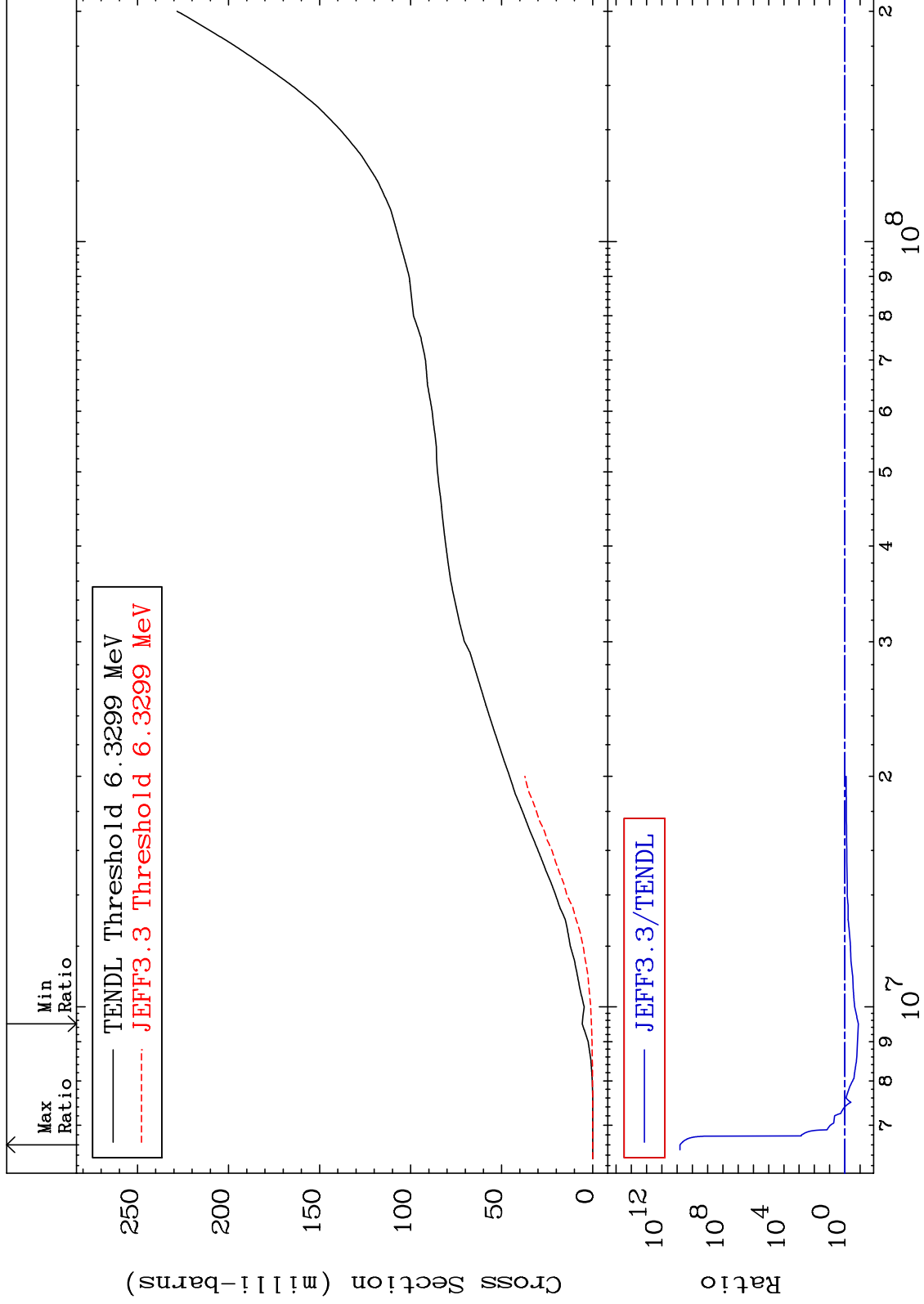
42

17-Cl-37

MAT 1731

Deuterium Production
Cross Section

17-Cl-37
-87.04 To 9999. %



43

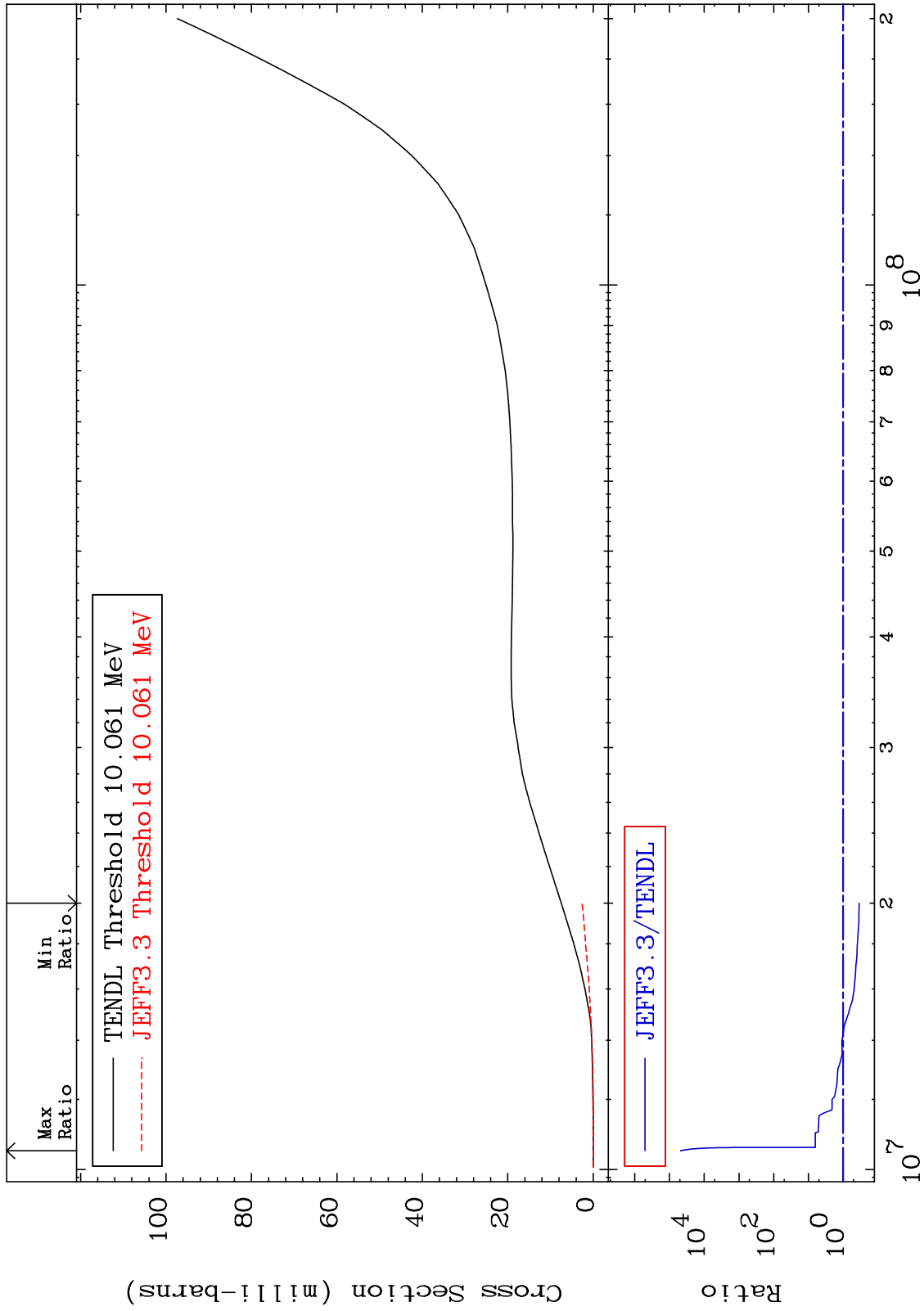
Incident Energy (eV)

17-Cl-37

MAT 1731

Tritium Production
Cross Section

17-Cl-37
-65.40 To 9999. %



Incident Energy (eV)

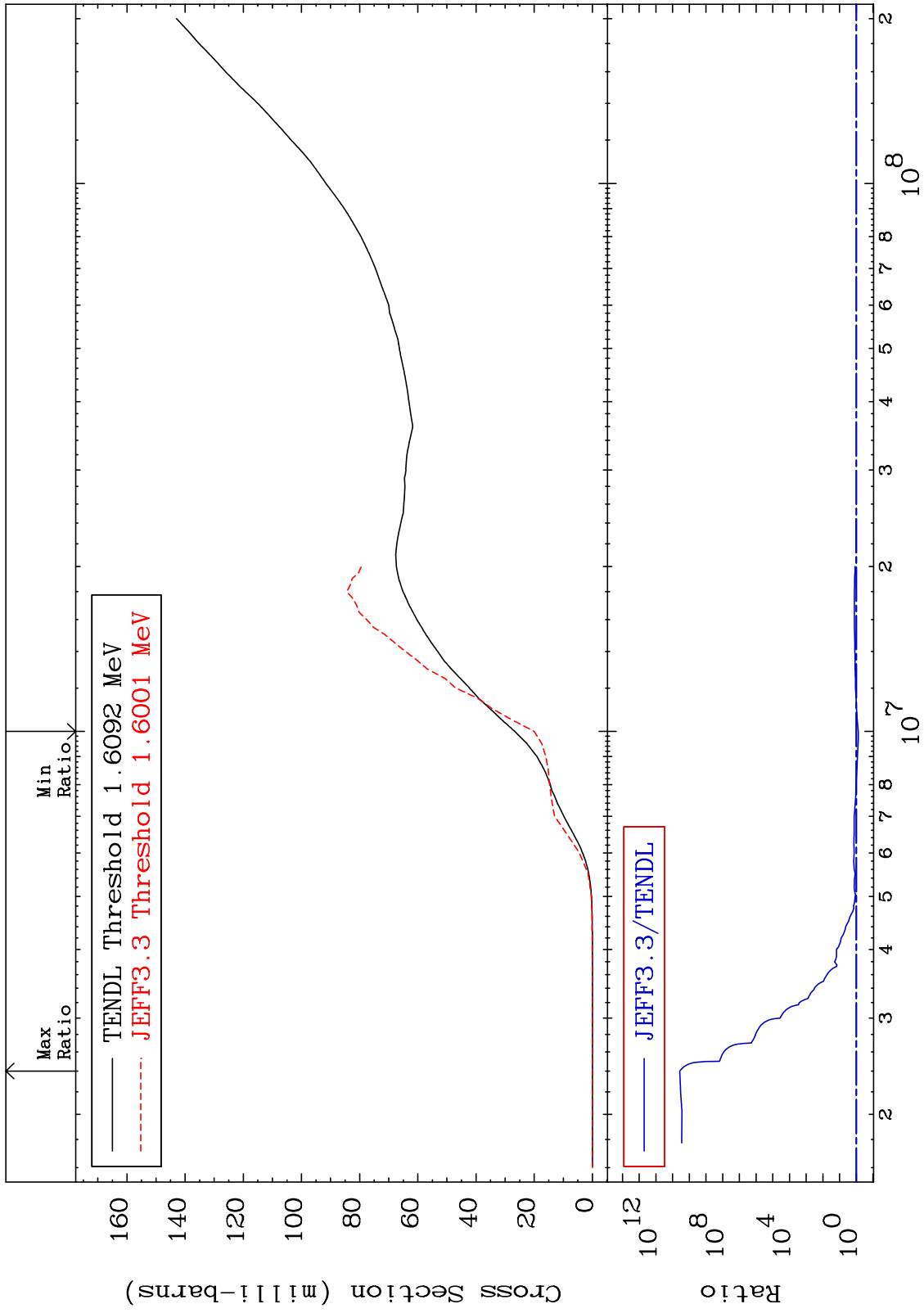
17-Cl-37

44

MAT 1731

He-4 Production
Cross Section

17-Cl-37
-25.03 To 9999. %



45

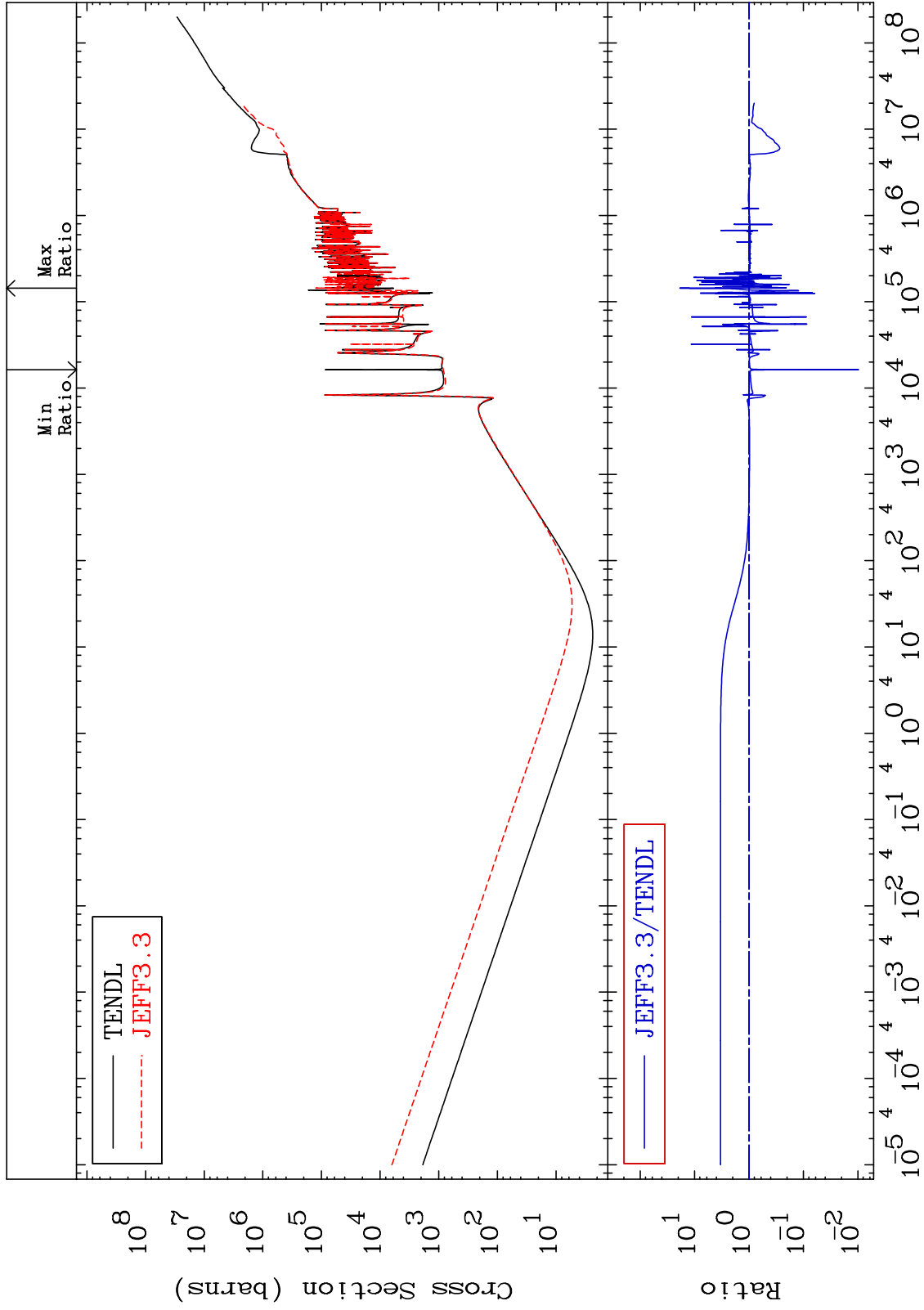
Incident Energy (eV)

17-Cl-37

MAT 1731

Kerma total (eV-barns)
Cross Section

17-Cl-37
-99.02 To 1754. %



46

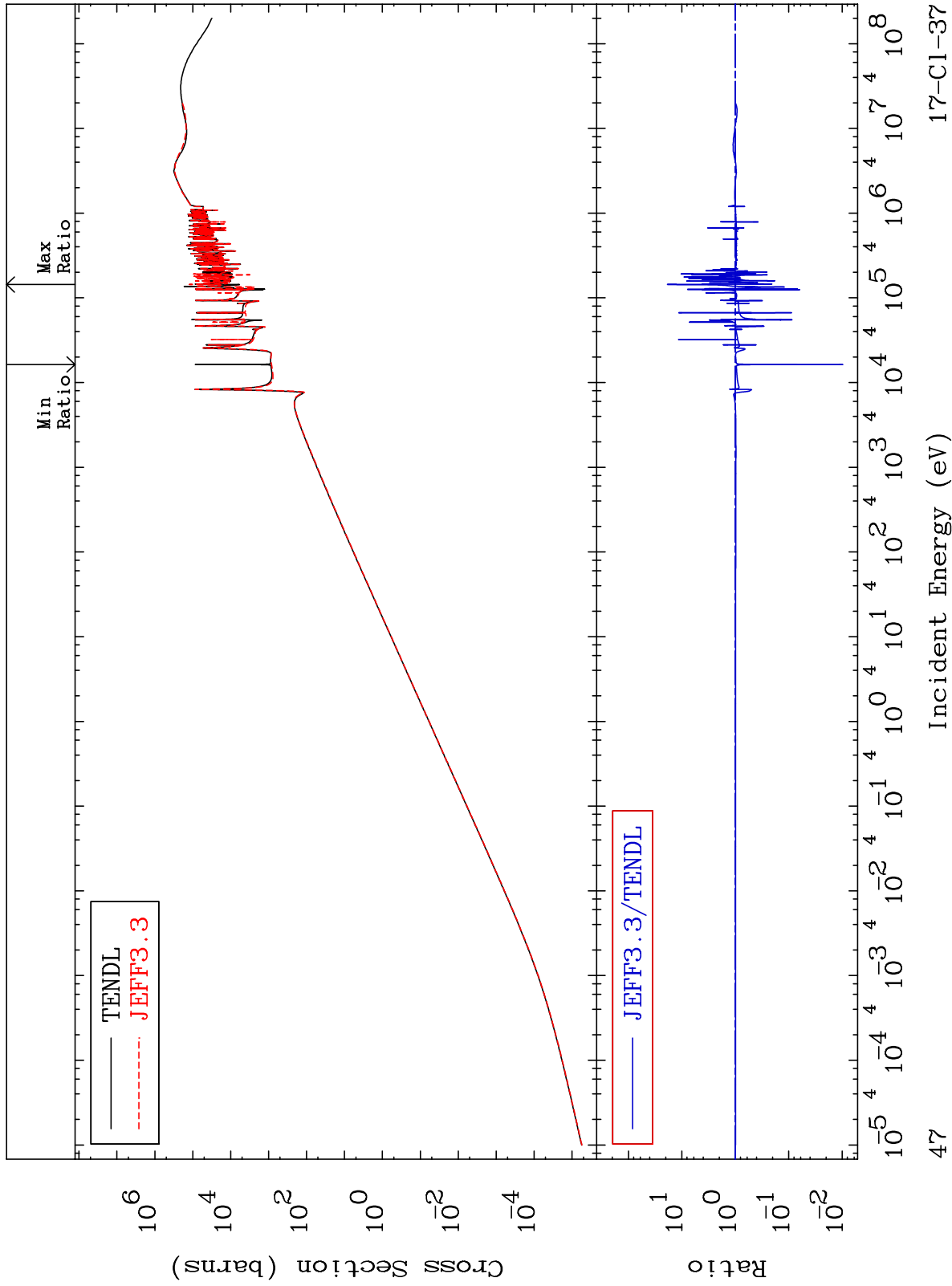
Incident Energy (eV)

17-Cl-37

MAT 1731

Kerma elastic
Cross Section

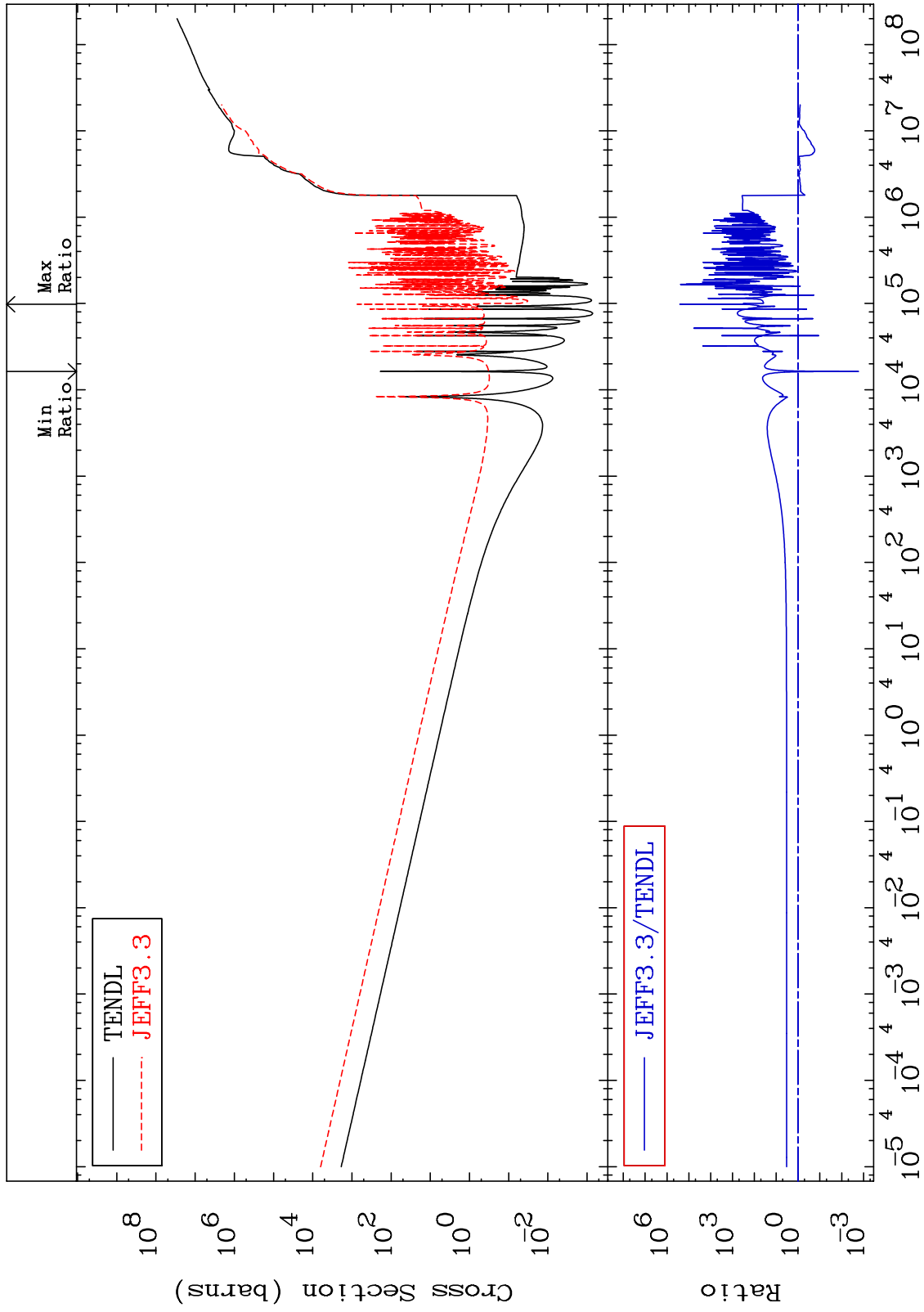
17-Cl-37
-99.02 To 1754. %



MAT 1731

Kerma non-elastic (all but mt2)
Cross Section

17-Cl-37
-99.83 To 9999. %



48

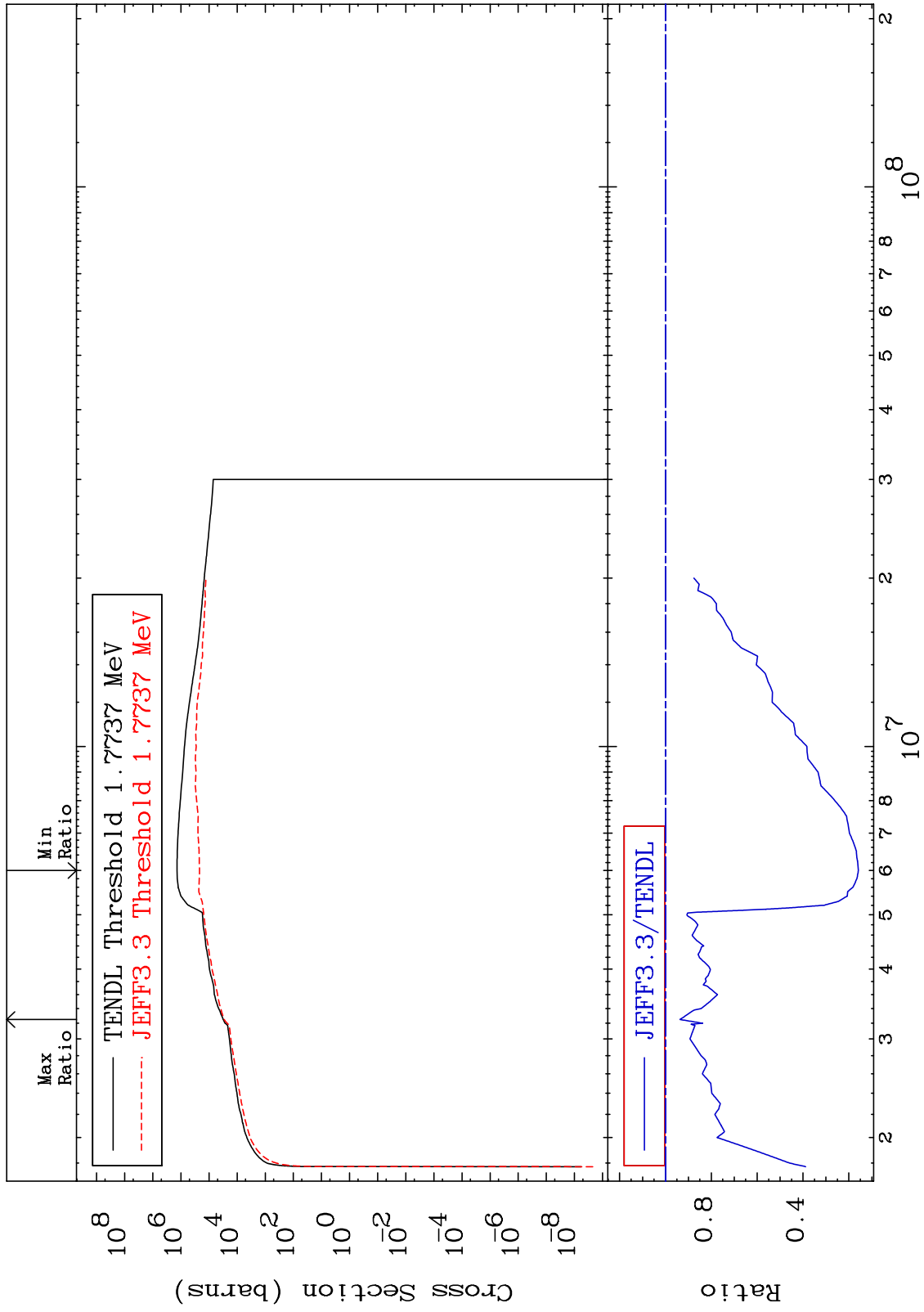
Incident Energy (eV)

17-Cl-37

MAT 1731

Kerma inelastic (mt51-91)
Cross Section

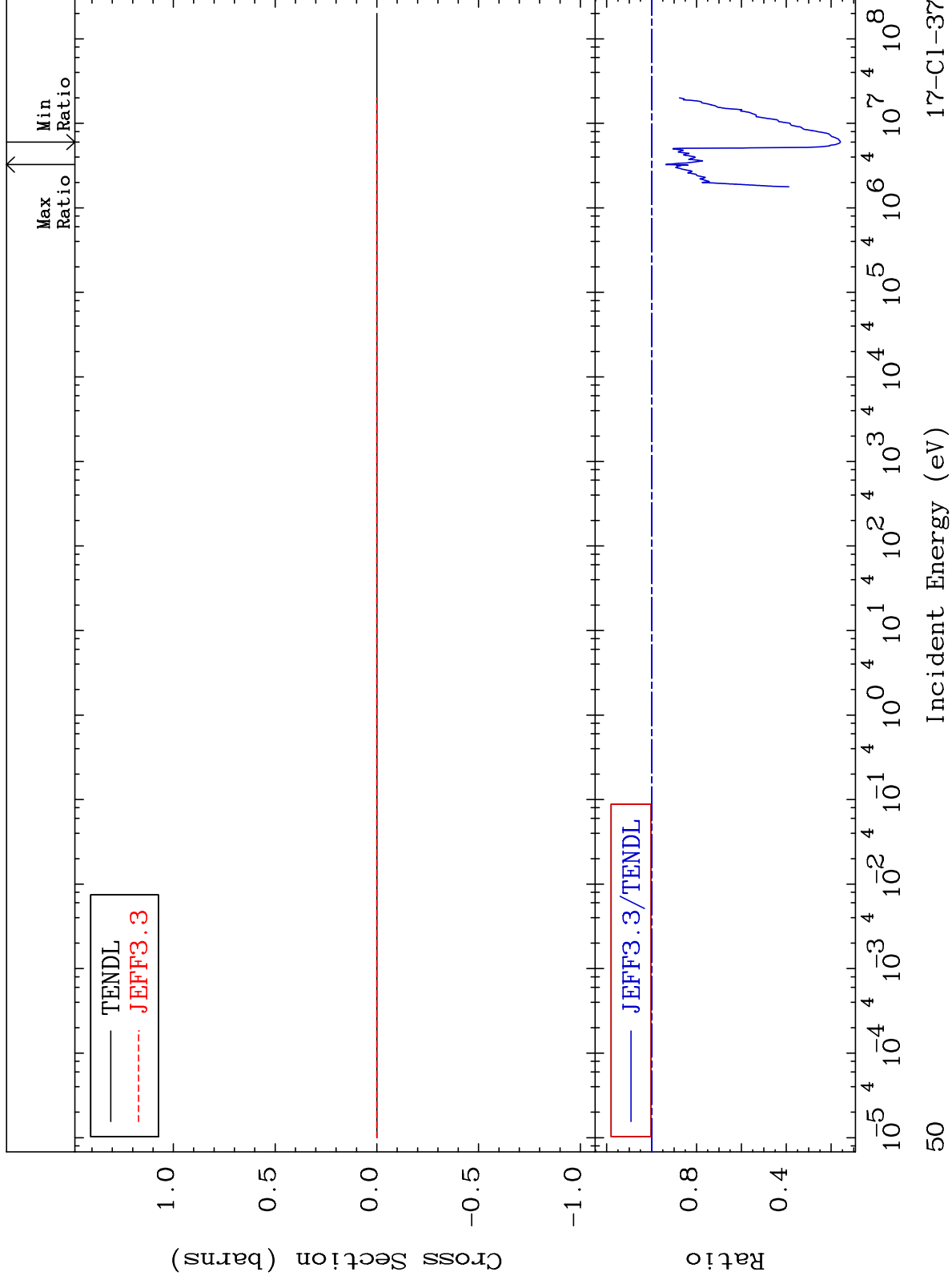
17-Cl-37
-84.16 To -6.345%



MAT 1731

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

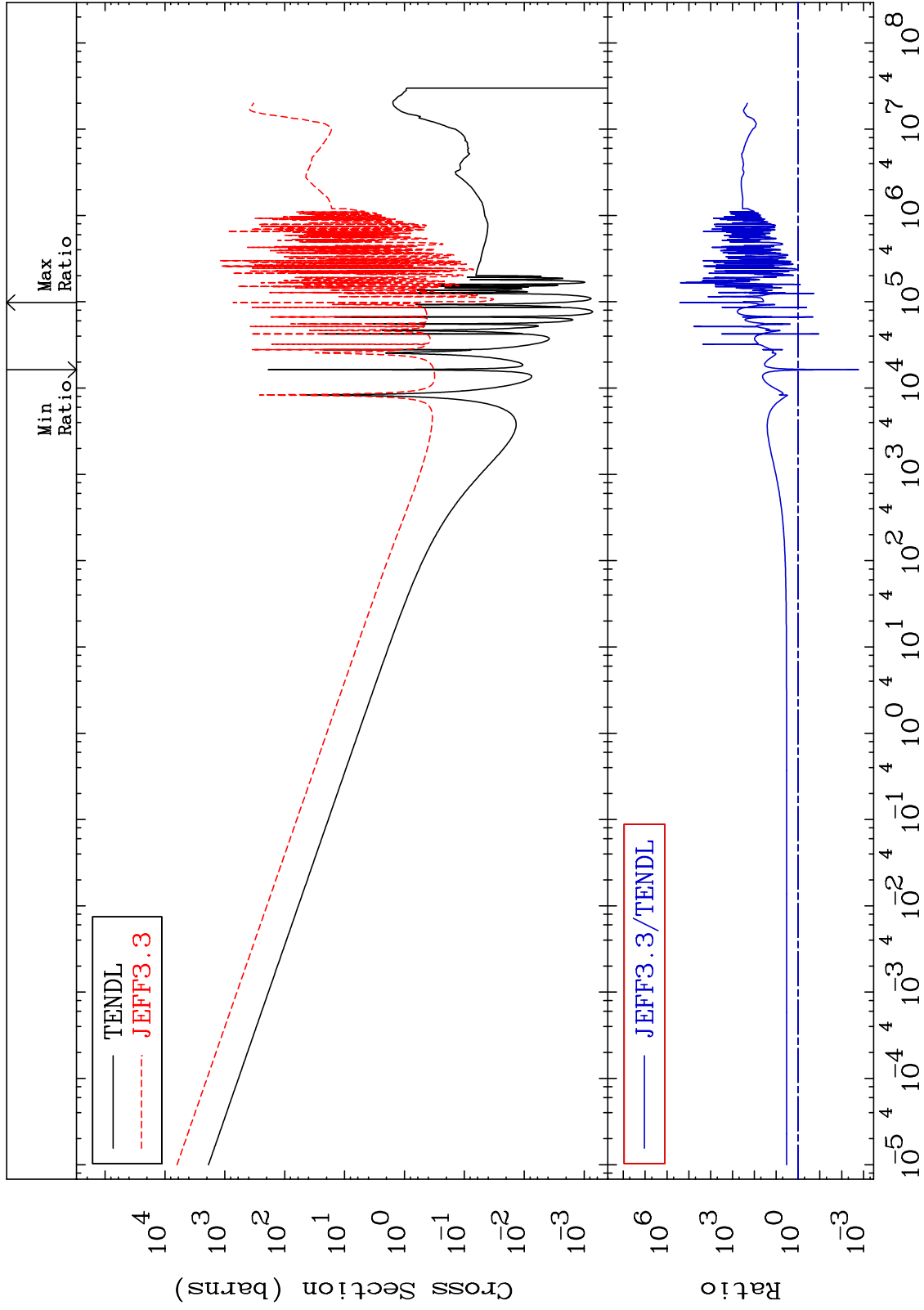
17-CI-37
-84.16 To -6.345%



MAT 1731

Kerma capture (mt102)
Cross Section

17-Cl-37
-99.83 To 9999. %



51

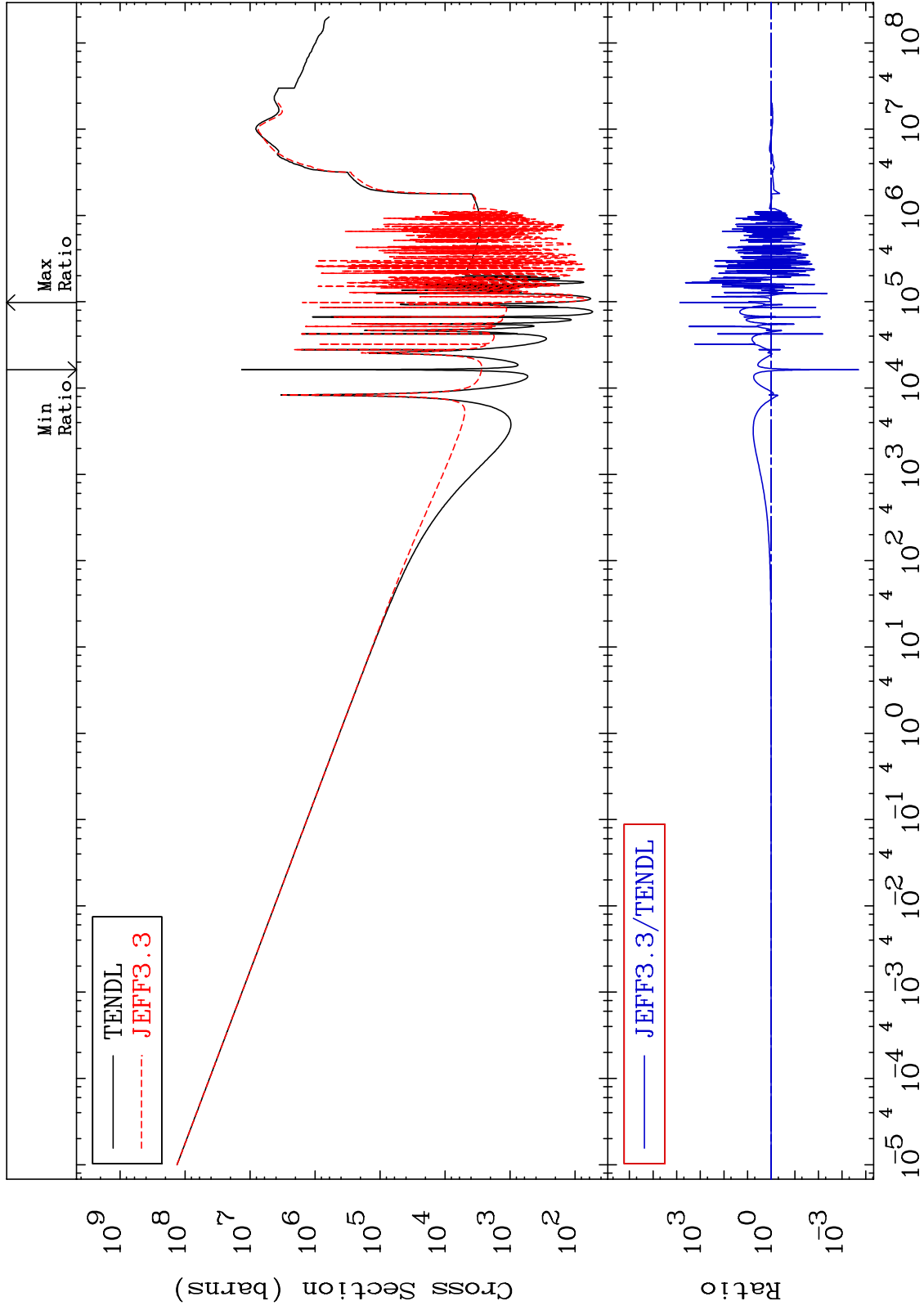
Incident Energy (eV)

17-Cl-37

MAT 1731

Total photon (eV-barns)
Cross Section

17-Cl-37
-99.98 To 9999. %



52

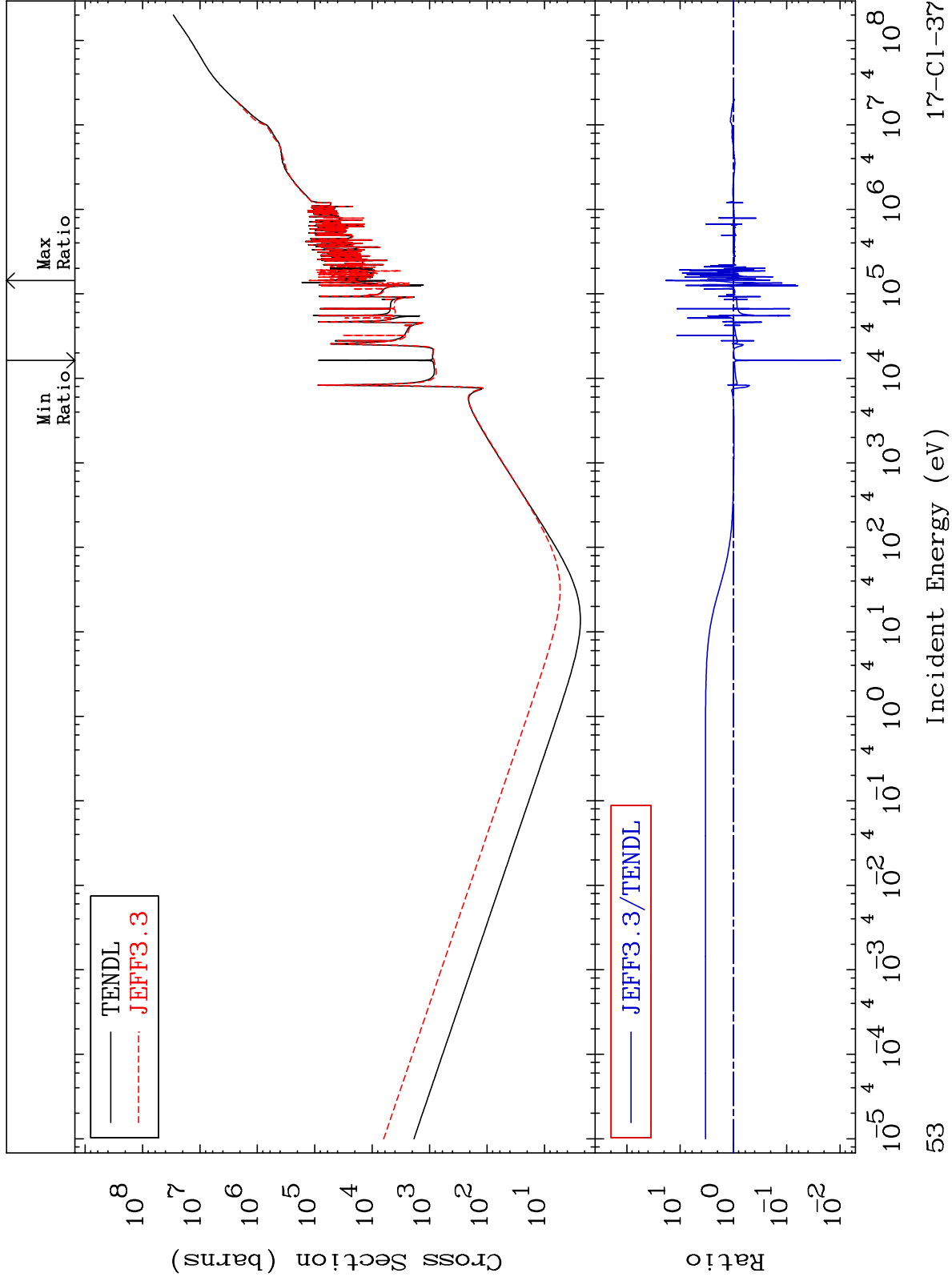
Incident Energy (eV)

17-Cl-37

MAT 1731

Total kinematic kerma (high limit)
Cross Section

17-Cl-37
-99.02 To 1754. %



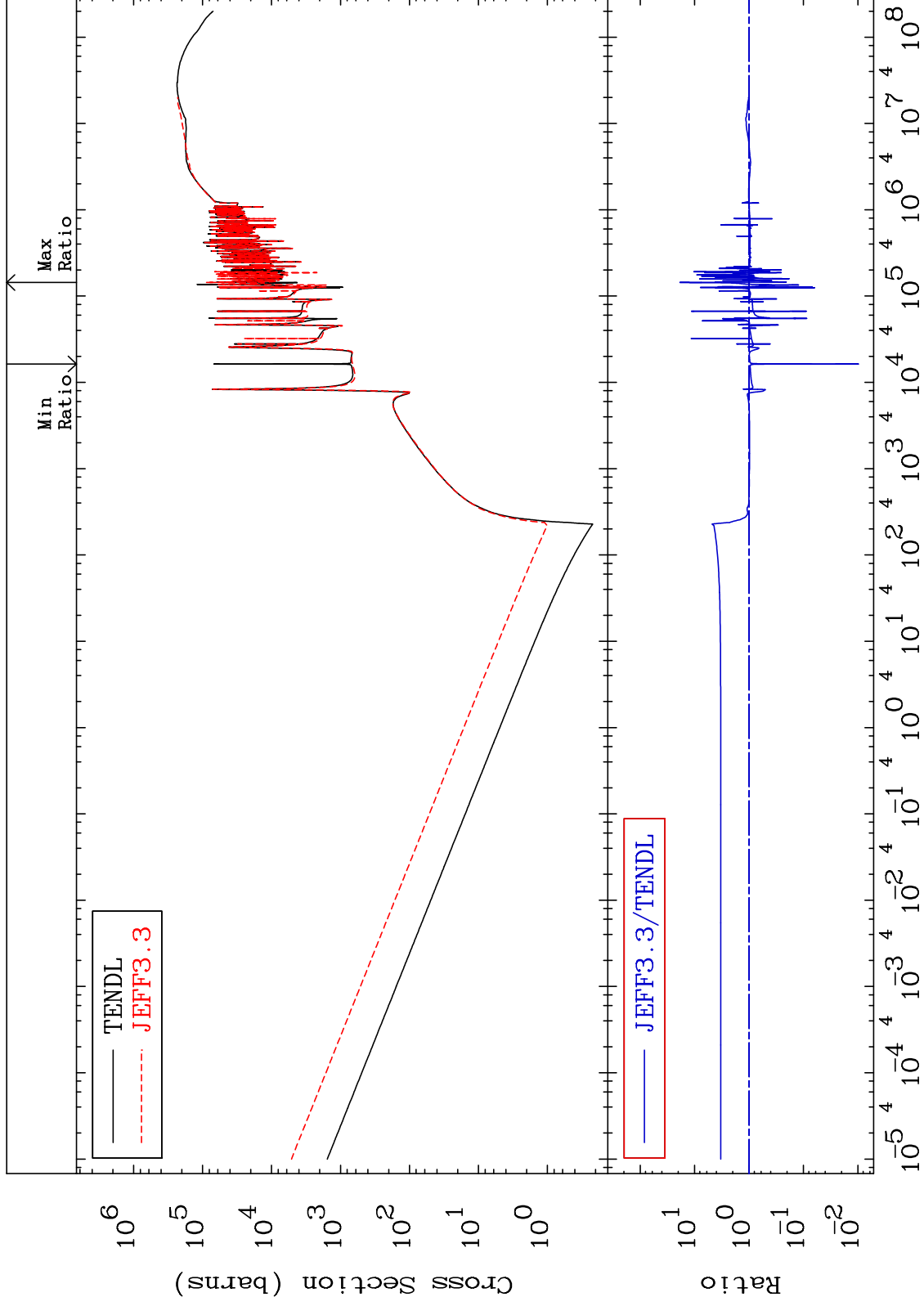
53

17-Cl-37

MAT 1731

Dpa total (eV-barns)
Cross Section

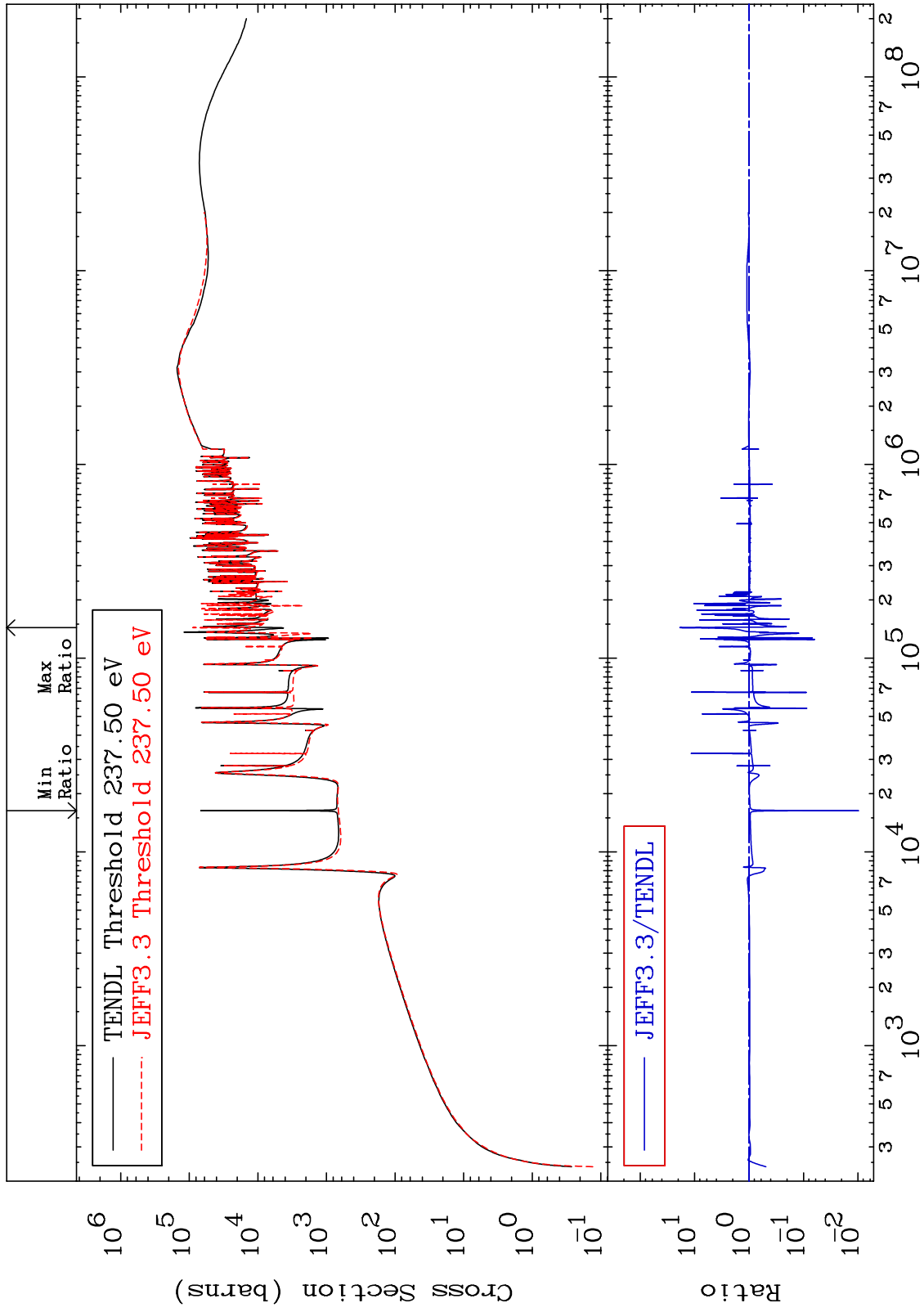
17-Cl-37
-99.02 To 1755. %



MAT 1731

Dpa elastic (mt2)
Cross Section

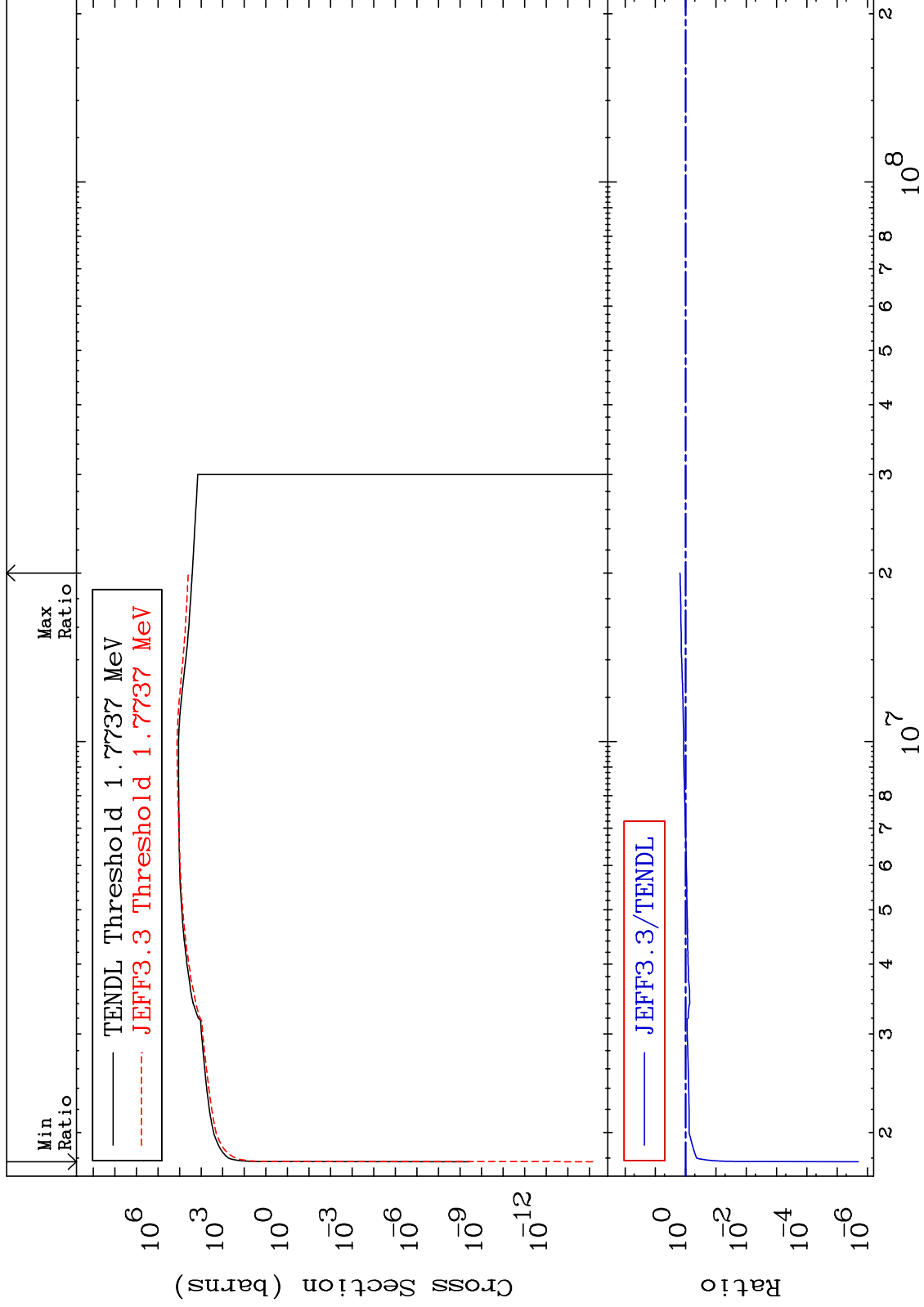
17-CI-37
-99.02 To 1755. %



MAT 1731

Dpa inelastic (mt51-91)
Cross Section

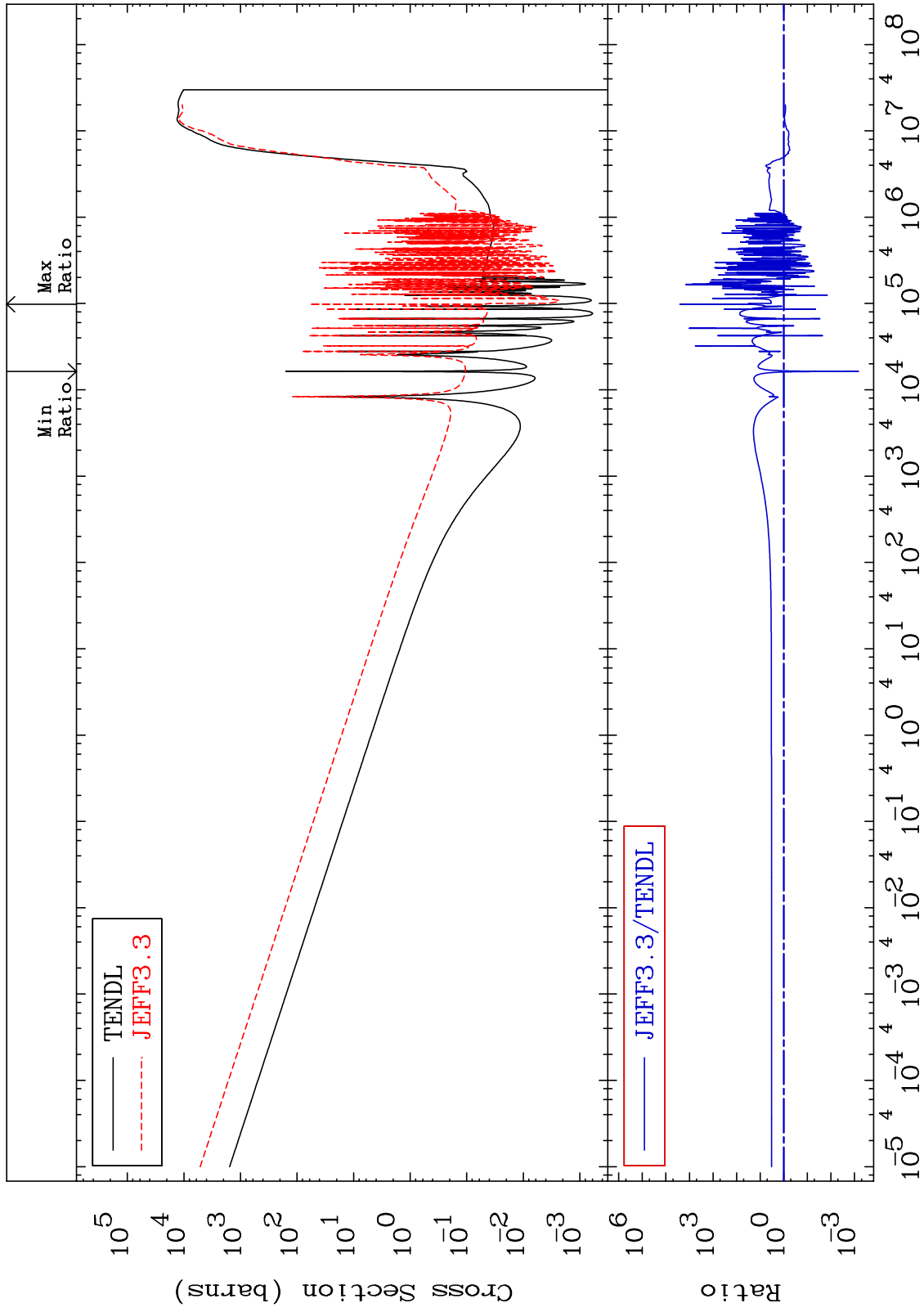
17-Cl-37
-100.0 To 53.88 %



MAT 1731

Dpa disappearance (mt102 -120)
Cross Section

17-CI-37
-99.93 To 9999. %



57

Incident Energy (eV)

17-CI-37