

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

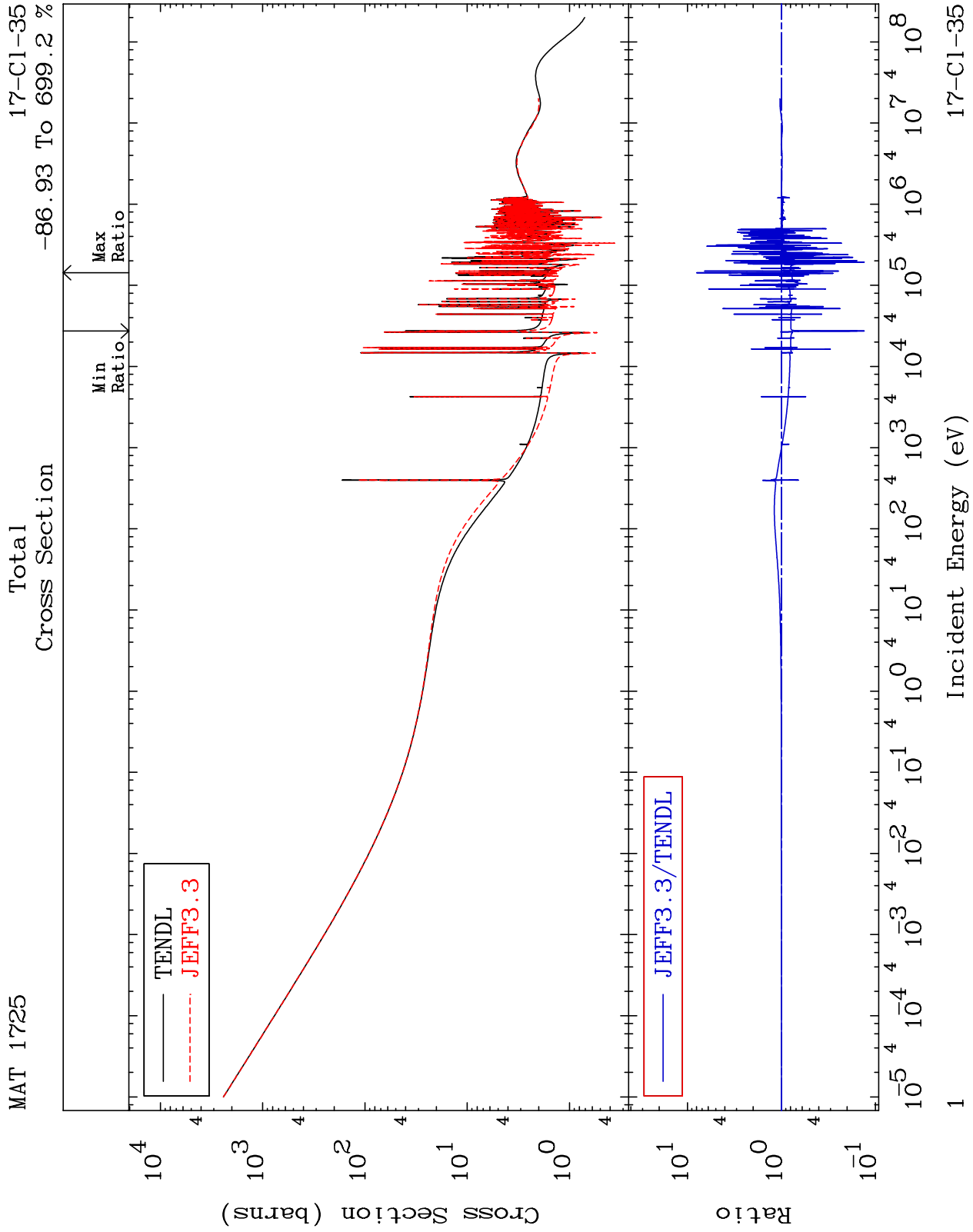
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Press Mouse Button to Start



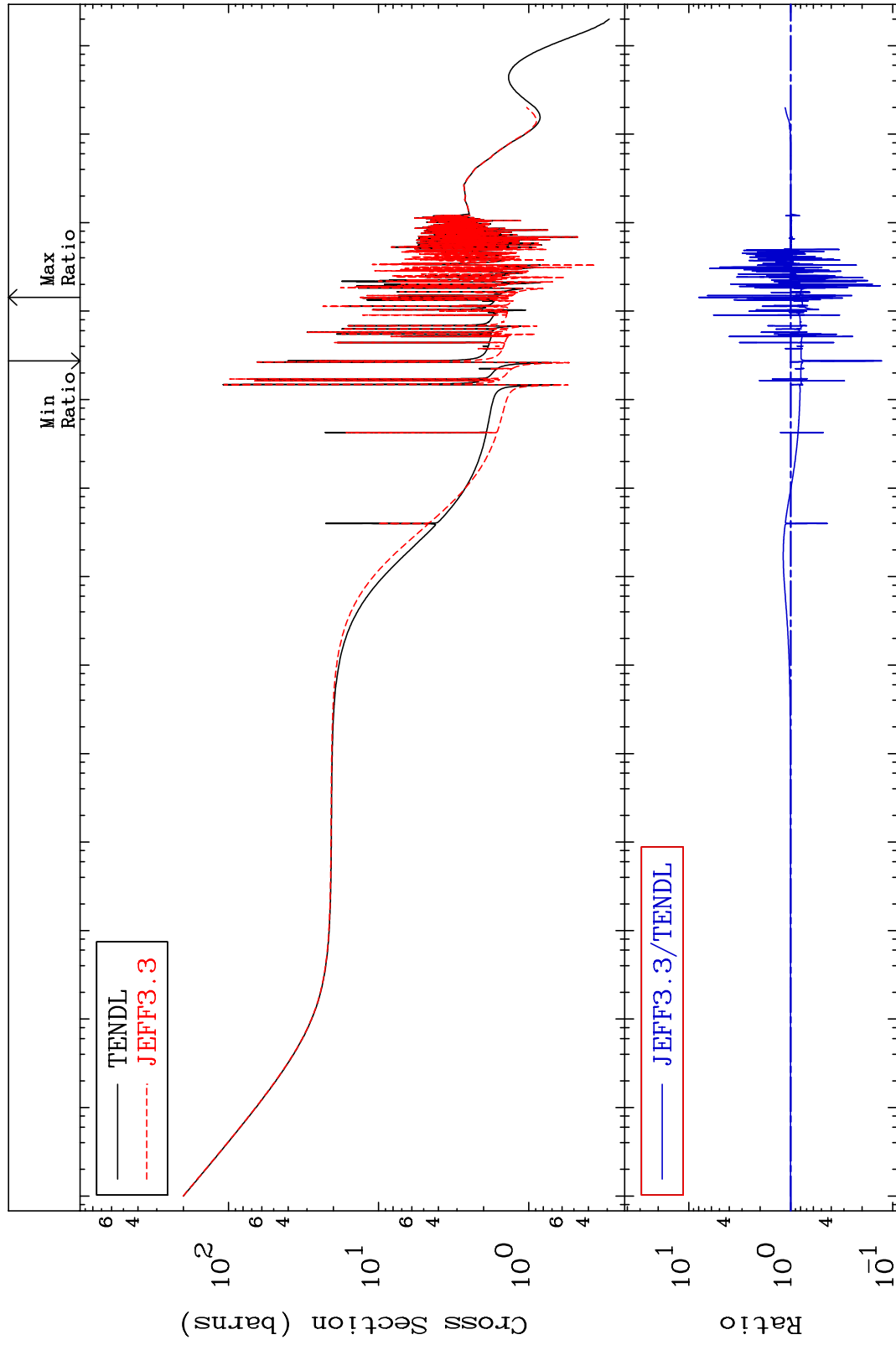
MAT 1725

Elastic

Cross Section

17-CI-35

-87.14 To 699.5 %

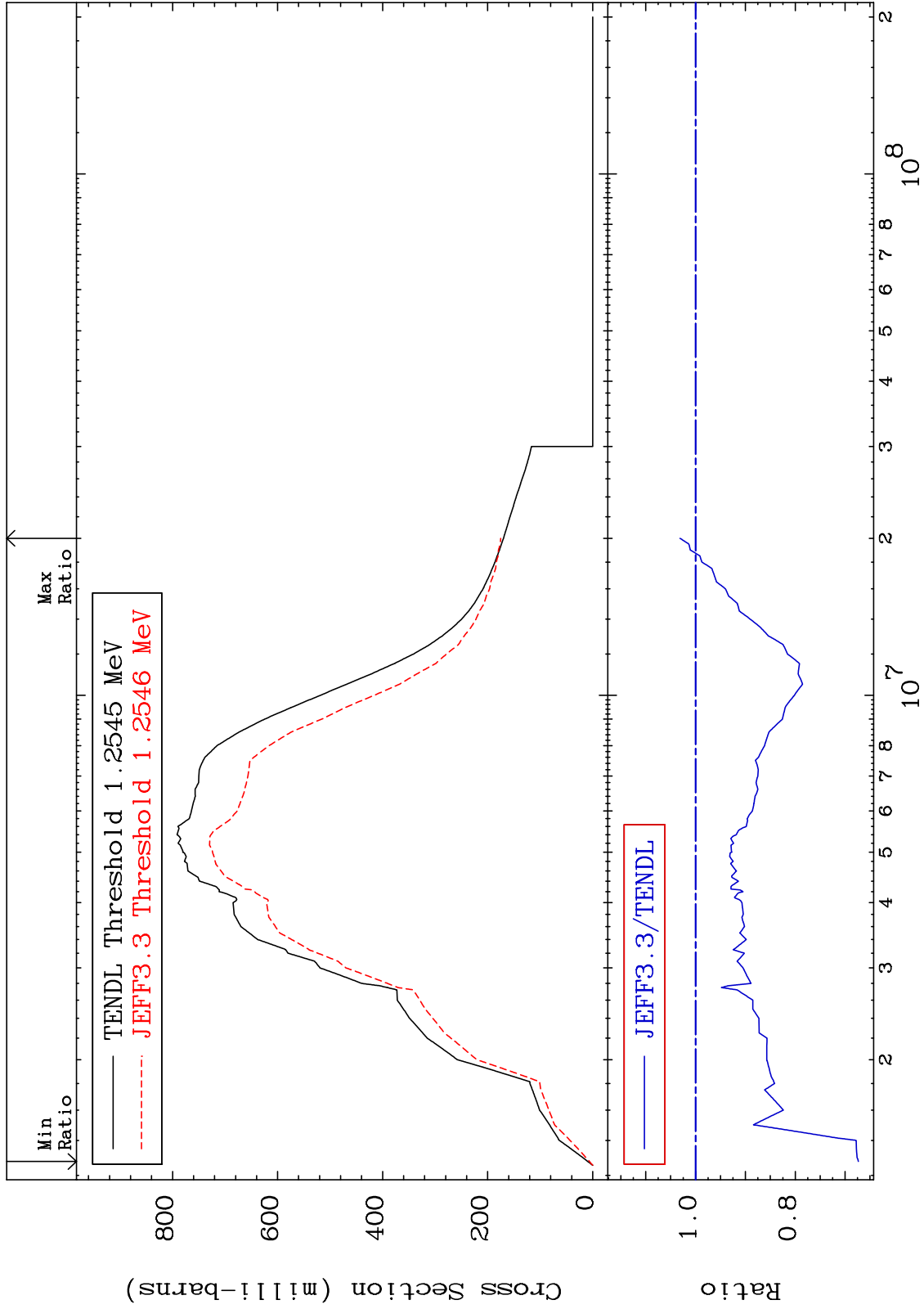


Incident Energy (eV)

17-CI-35

2

MAT 1725 Inelastic Cross Section 17-Cl-35 -32.67 To 3.125 %



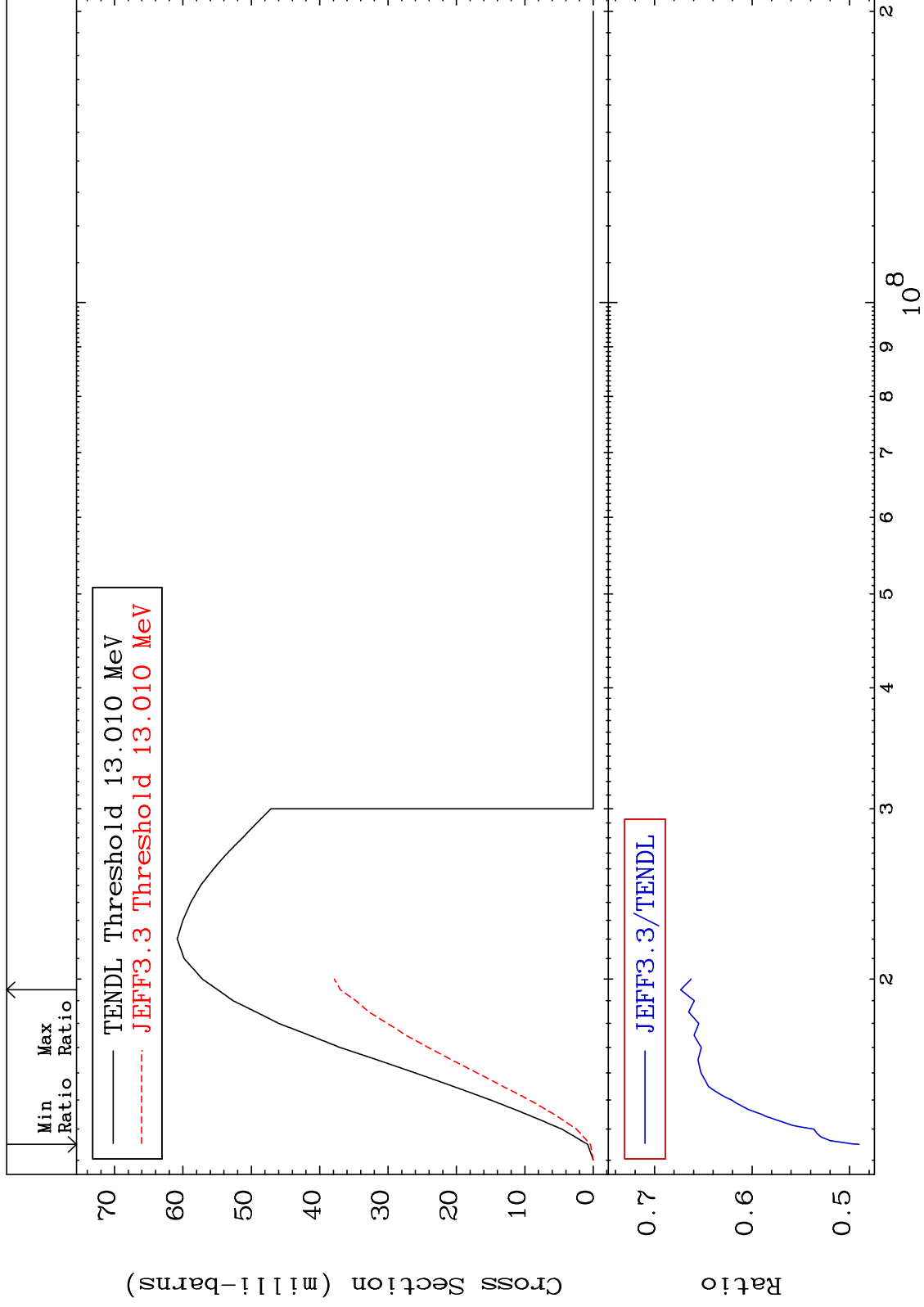
MAT 1725

(n,2n)

17-Cl-35

Cross Section

-50.98 To -32.67%



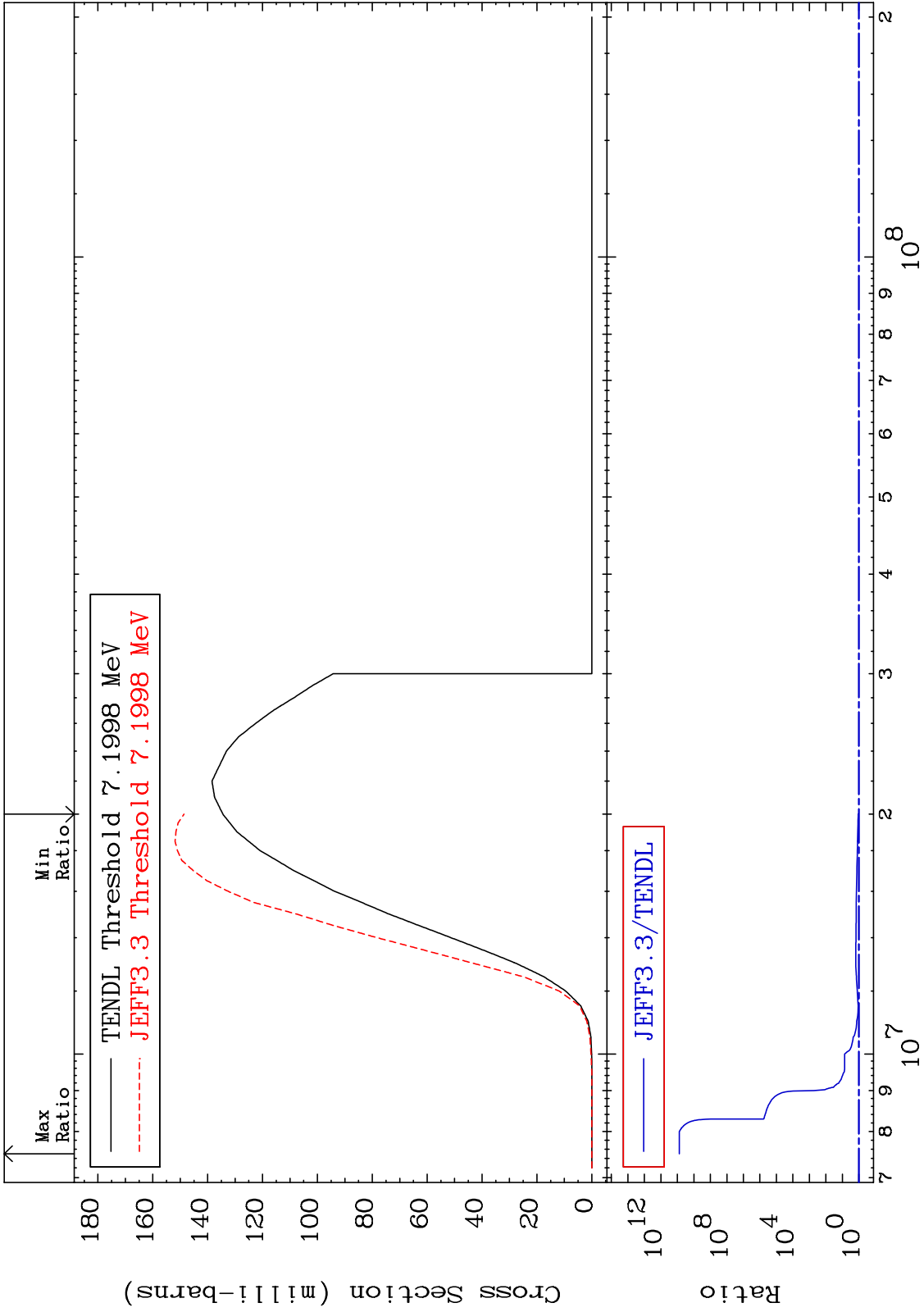
MAT 1725

(n,n') α

17-Cl-35

Cross Section

10.52 To 9999. %



Incident Energy (eV)

17-Cl-35

5

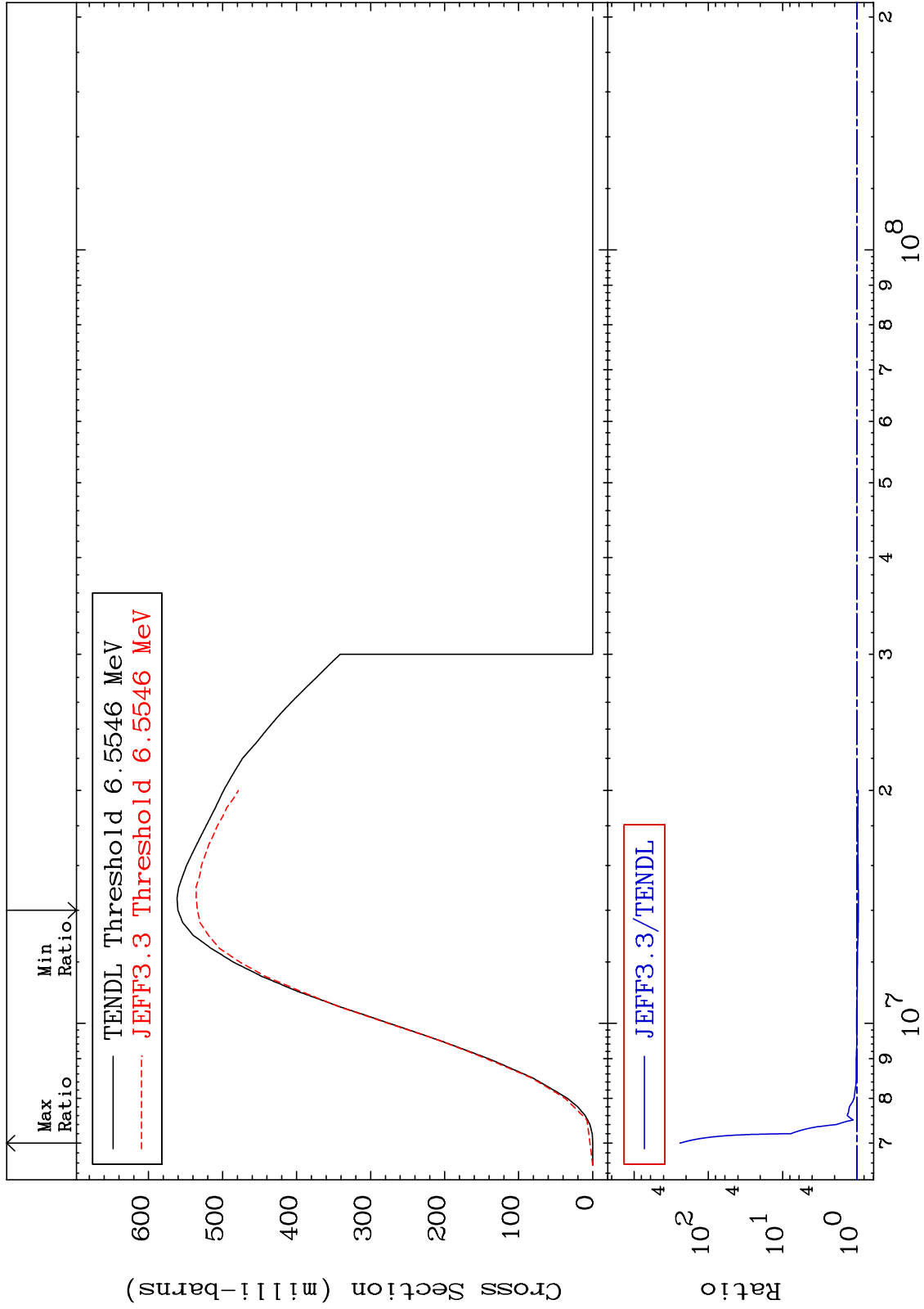
MAT 1725

(n,n') p

17-Cl-35

Cross Section

-4.715 To 9999. %



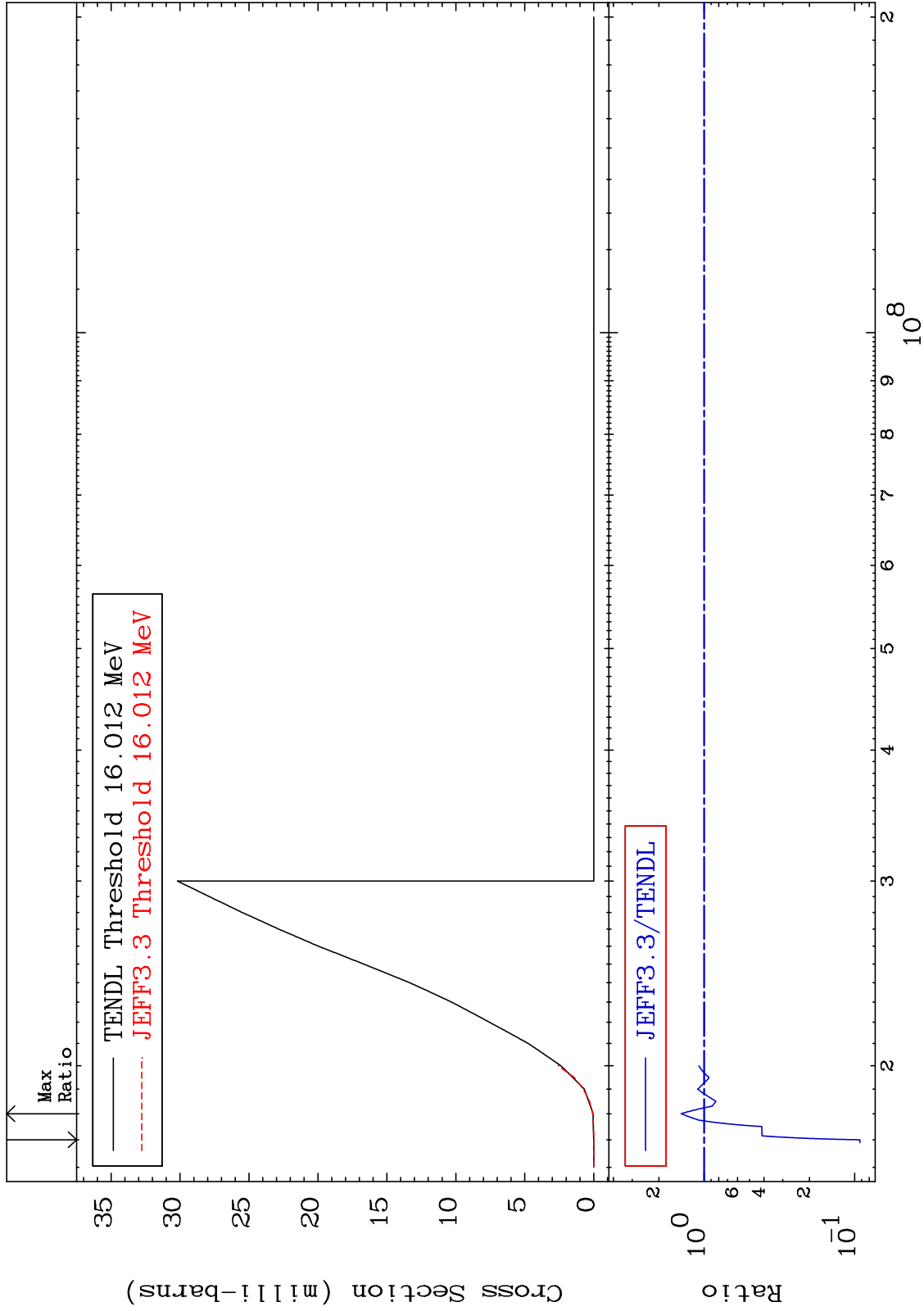
MAT 1725

(n, n') d

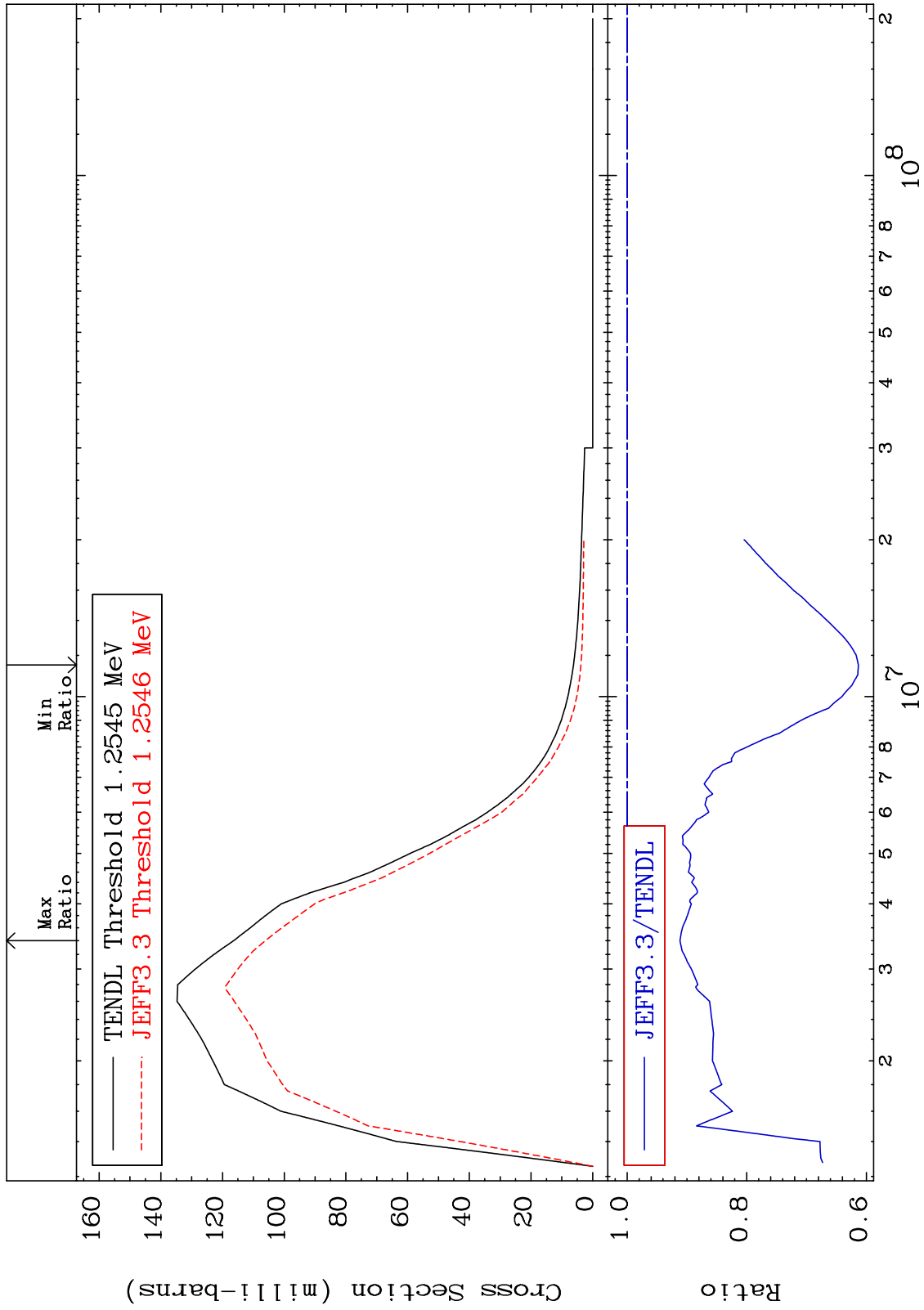
17-Cl-35

Cross Section

-90.77 To 41.92 %



MAT 1725 MT= 51 (n,n') Level Cross Section 17-Cl-35
 -38.68 To -8.840%

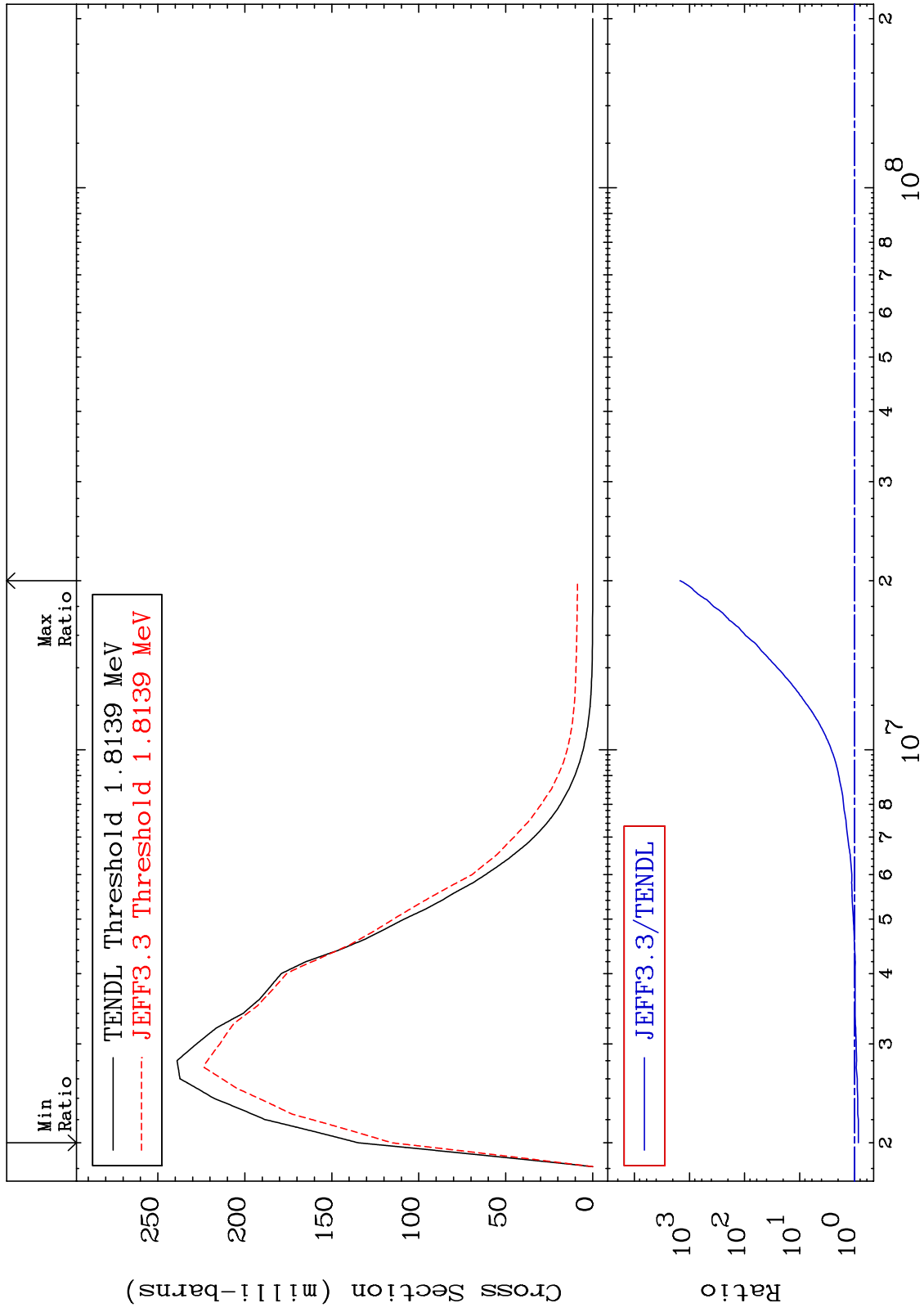


8 Incident Energy (eV) 17-Cl-35

MAT 1725

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

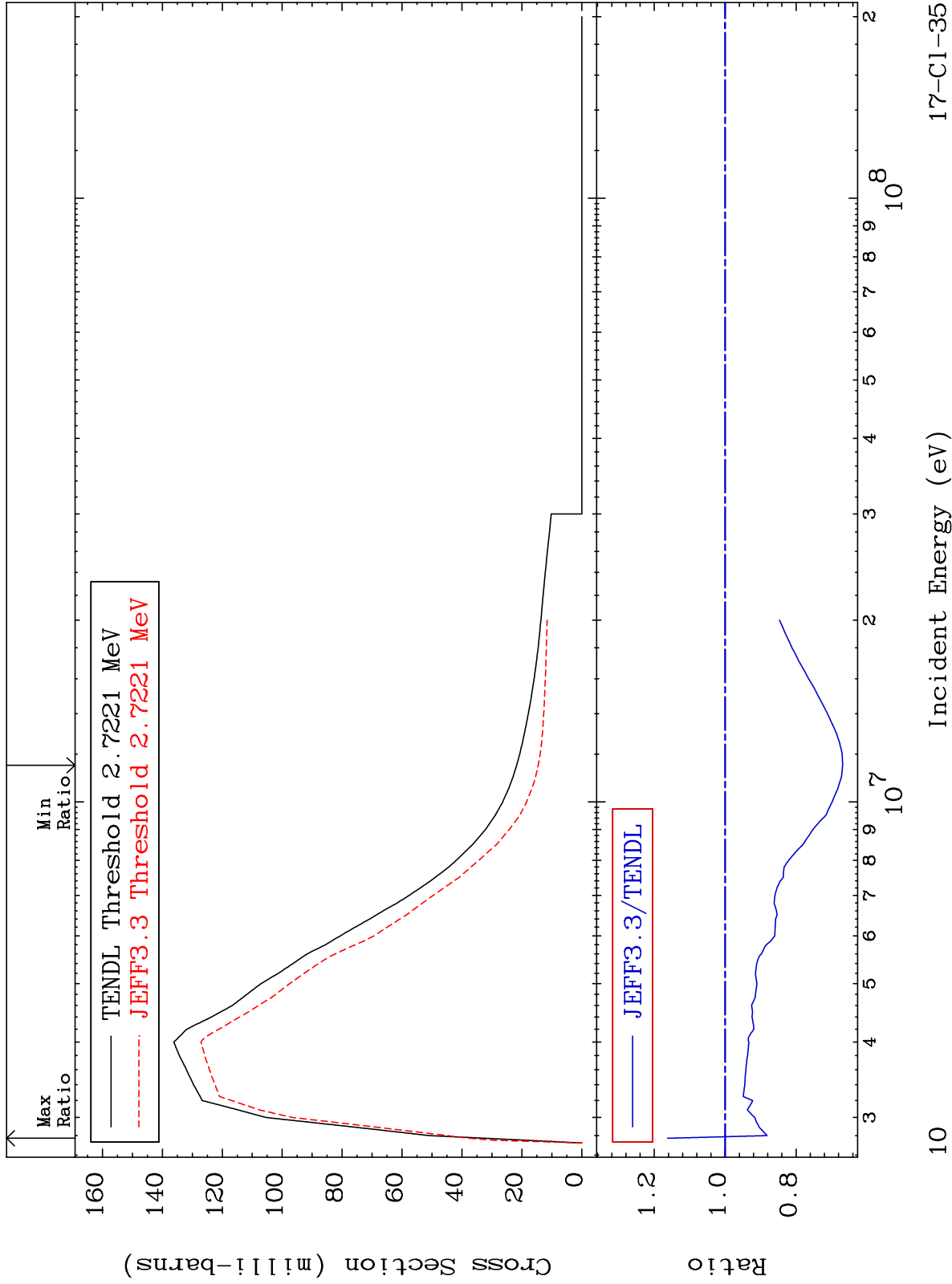
17-Cl-35
-14.30 To 9999. %



MAT 1725

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

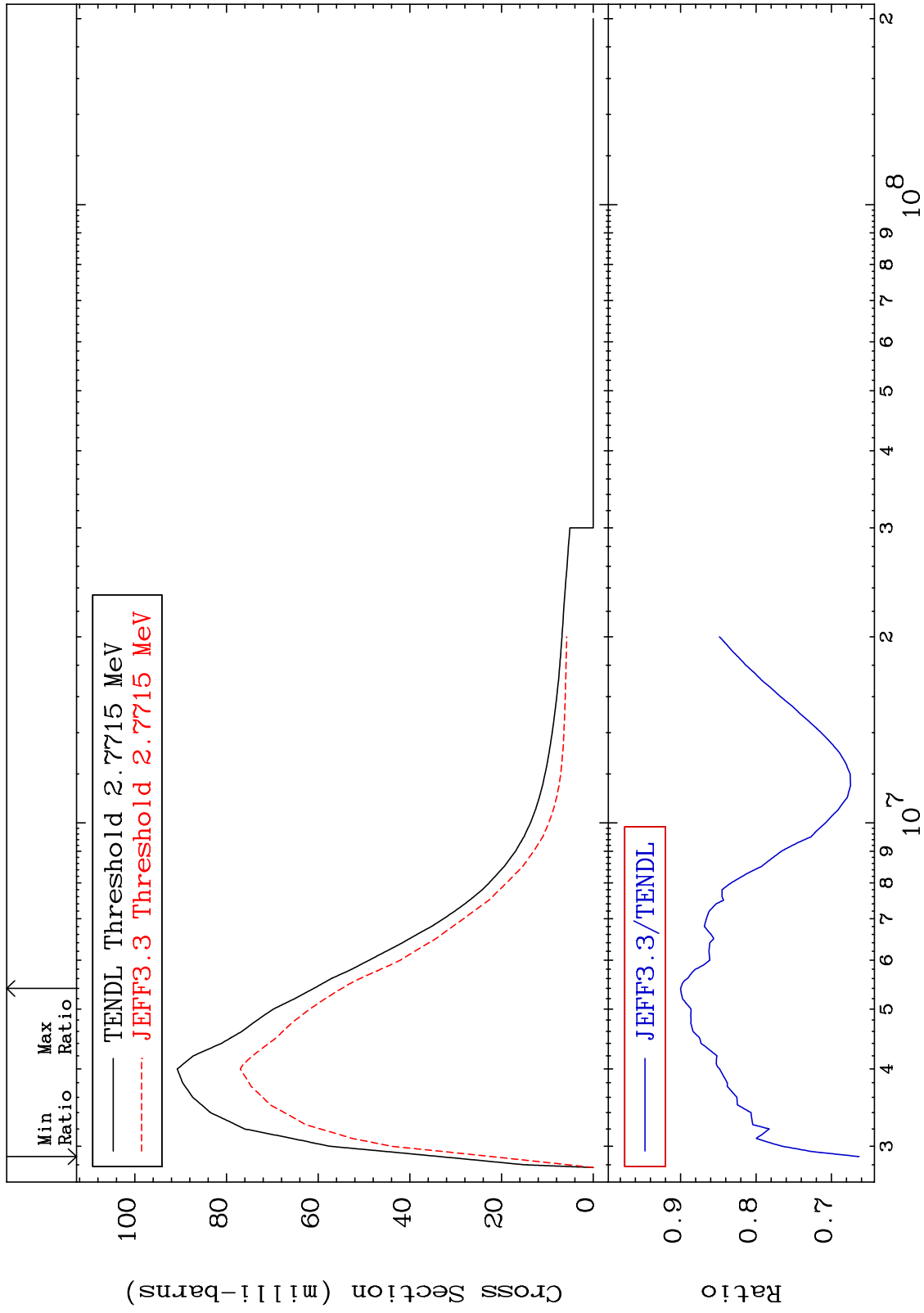
17-Cl-35
-33.14 To 16.26 %



MAT 1725

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

17-CI-35
-33.68 To -10.01%



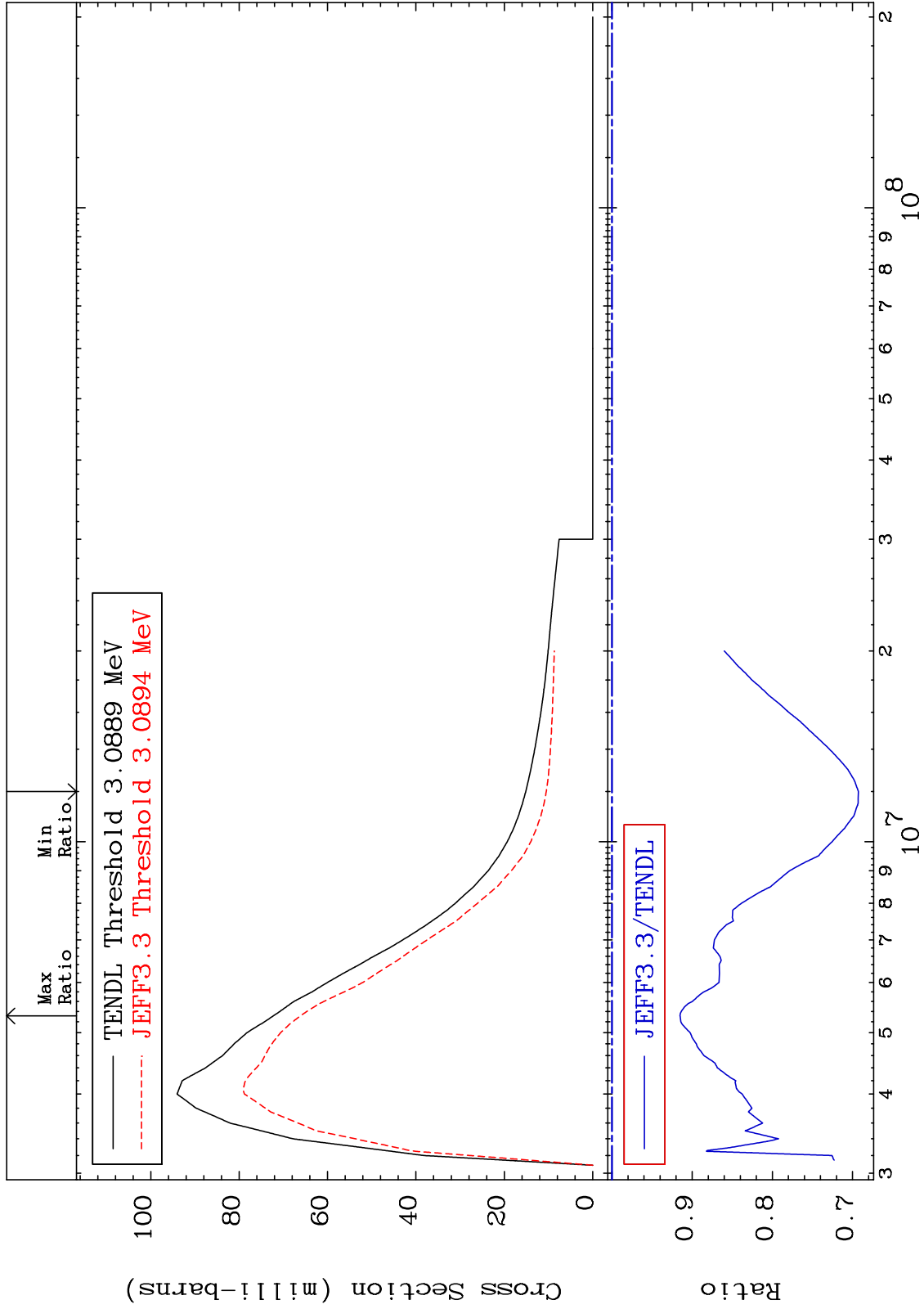
11

17-CI-35

MAT 1725

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

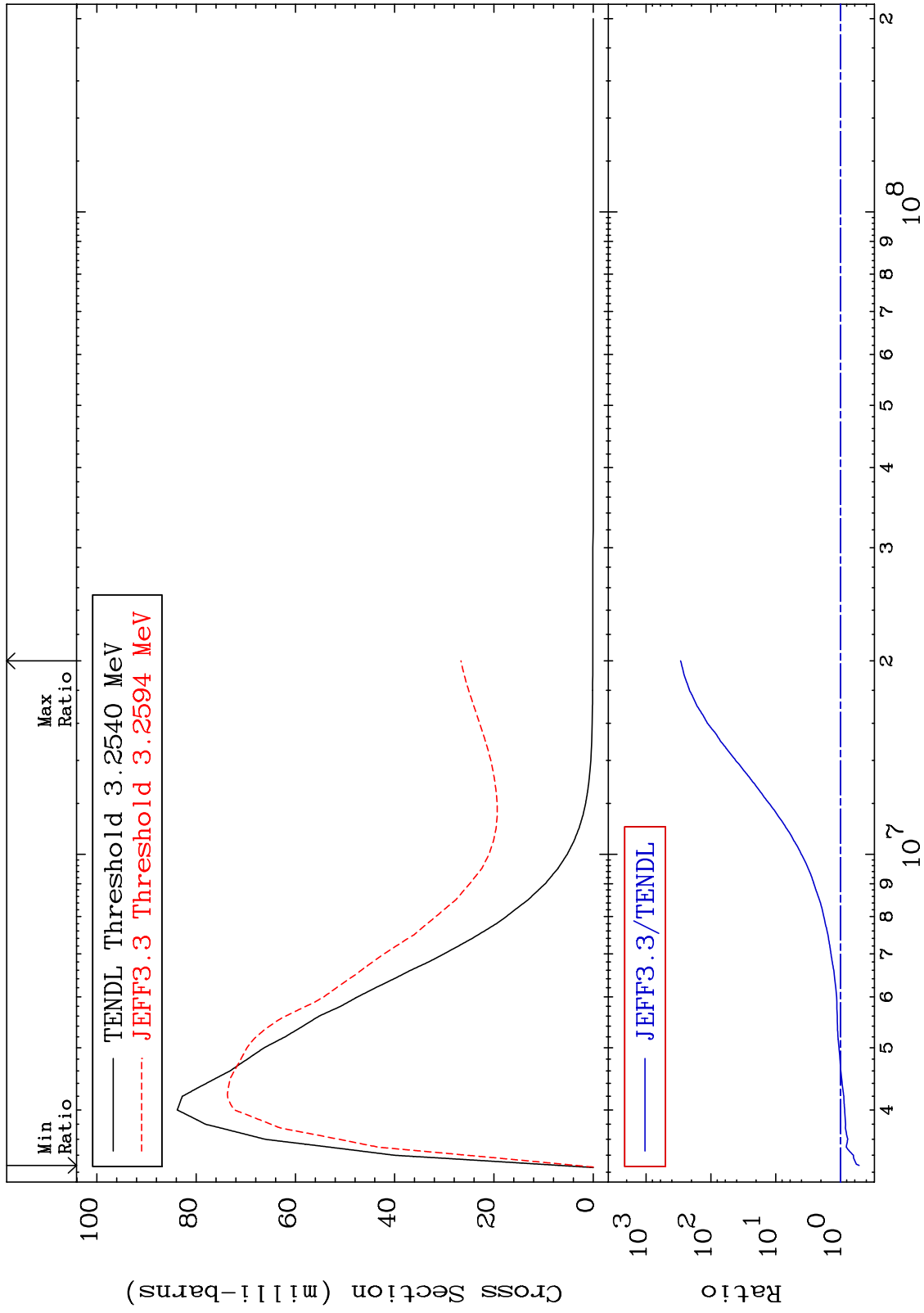
17-Cl-35
-30.73 To -8.485%



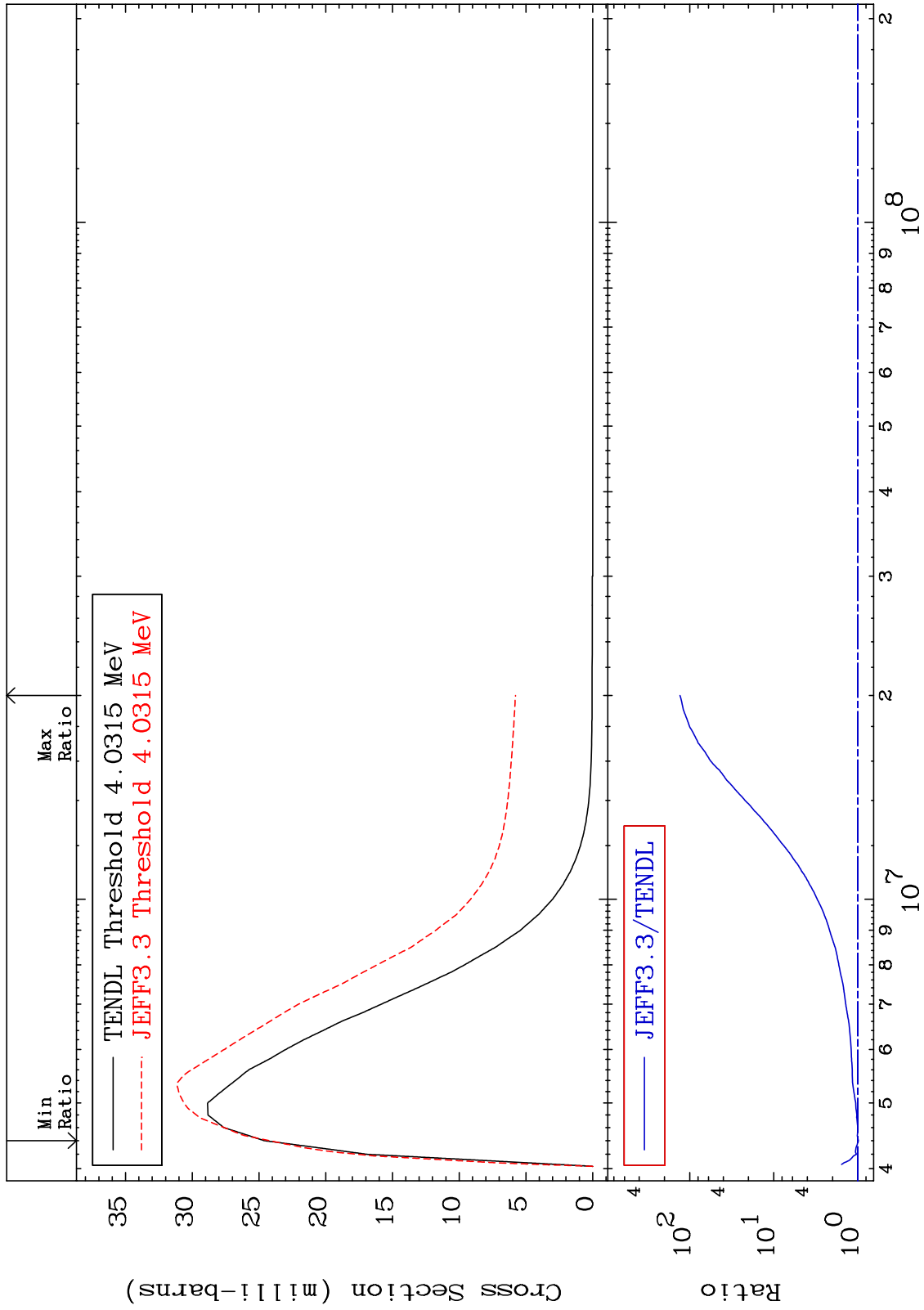
MAT 1725

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

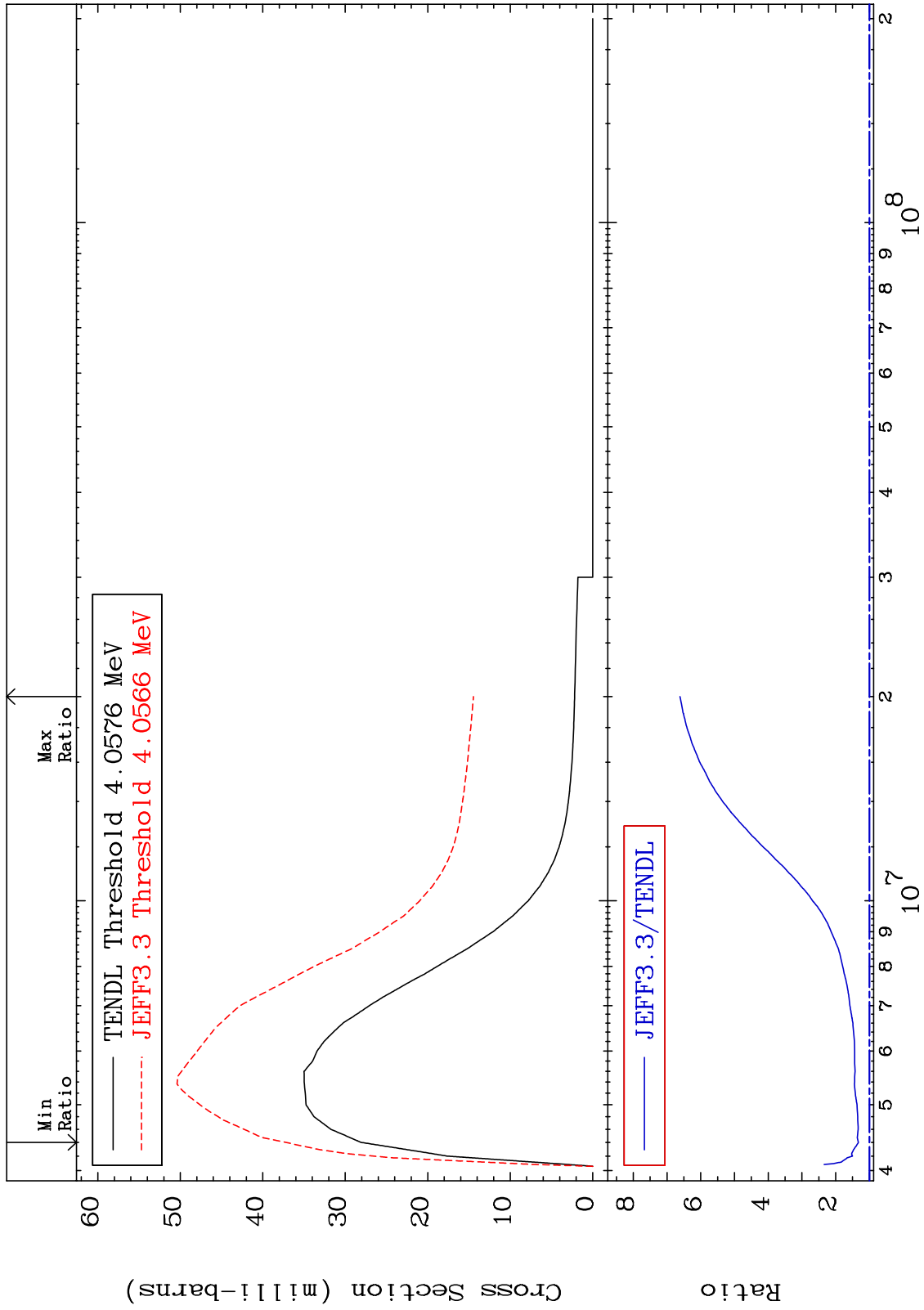
17-Cl-35
-48.54 To 9999. %



MAT 1725 MT= 57 (n,n') Level Cross Section 17-Cl-35
 -1.614 To 9999. %

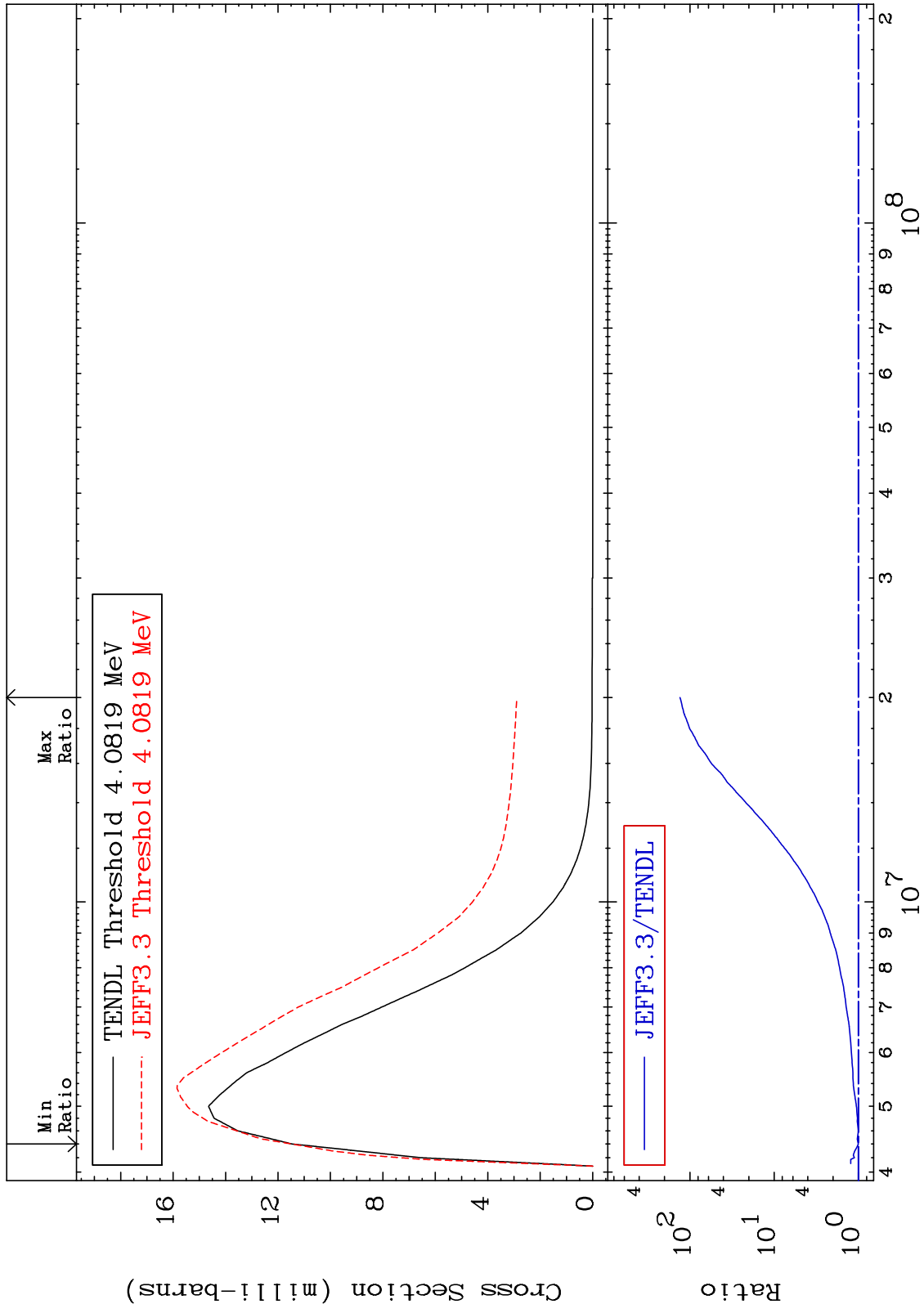


MAT 1725 MT= 58 (n,n') Level Cross Section 17-Cl-35 To 561.4 %
32.61

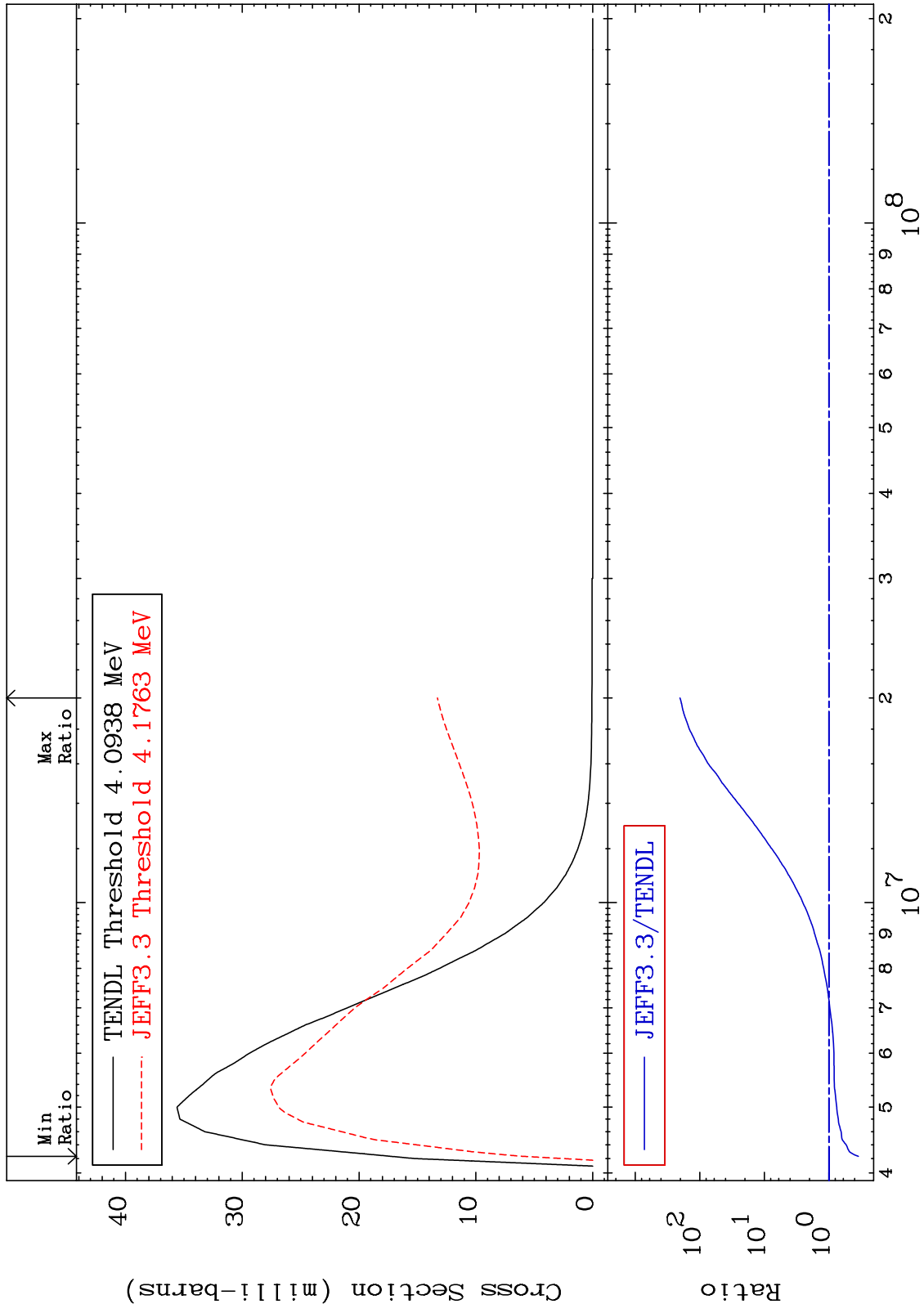


15 Incident Energy (eV) 17-Cl-35

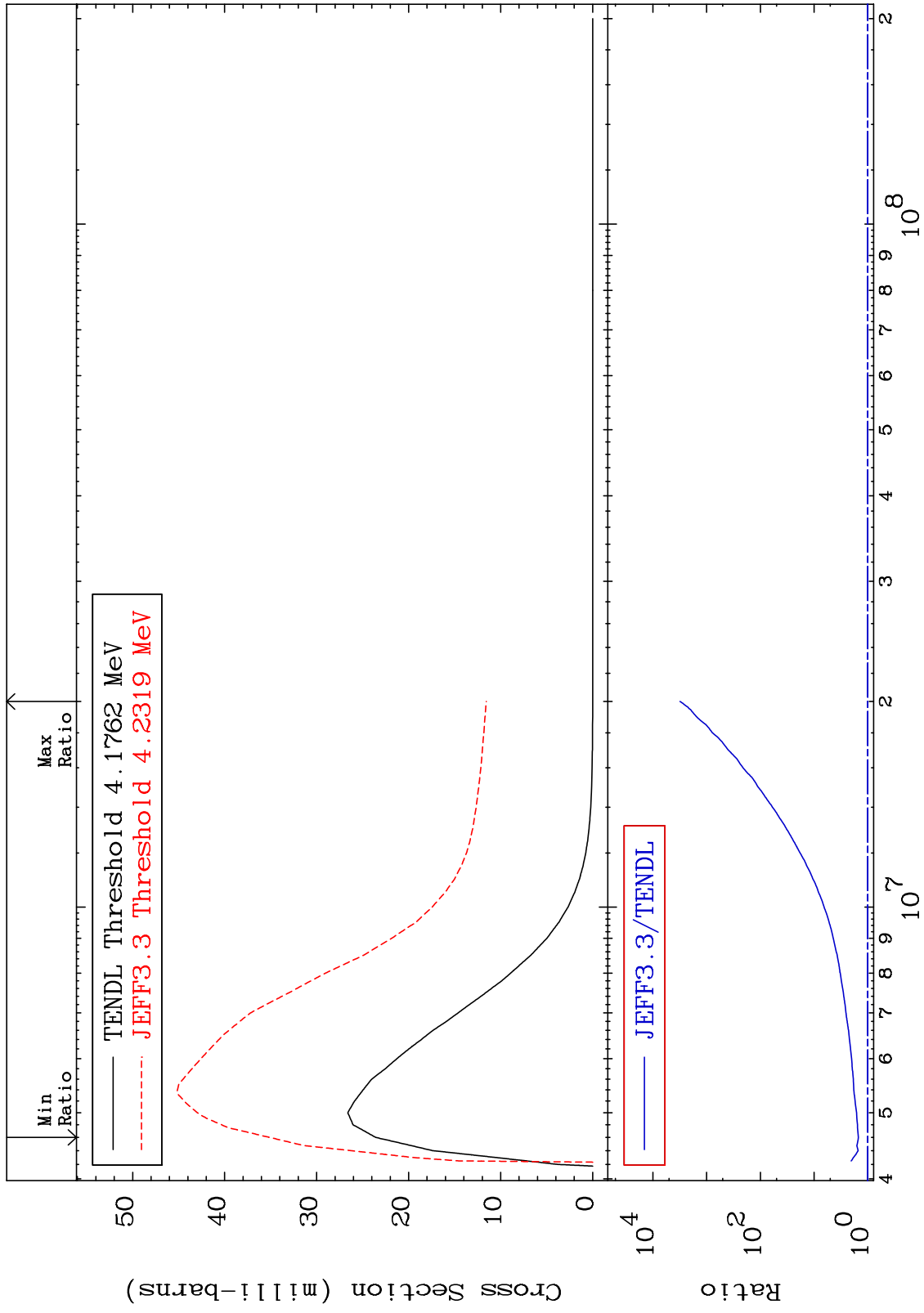
MAT 1725 MT= 59 (n,n') Level Cross Section 17-Cl-35
 0.097 To 9999. %



MAT 1725 MT= 60 (n,n') Level Cross Section 17-Cl-35
 -65.10 To 9999. %



MAT 1725 MT= 61 (n,n') Level Cross Section 17-Cl-35
 48.88 To 9999. %

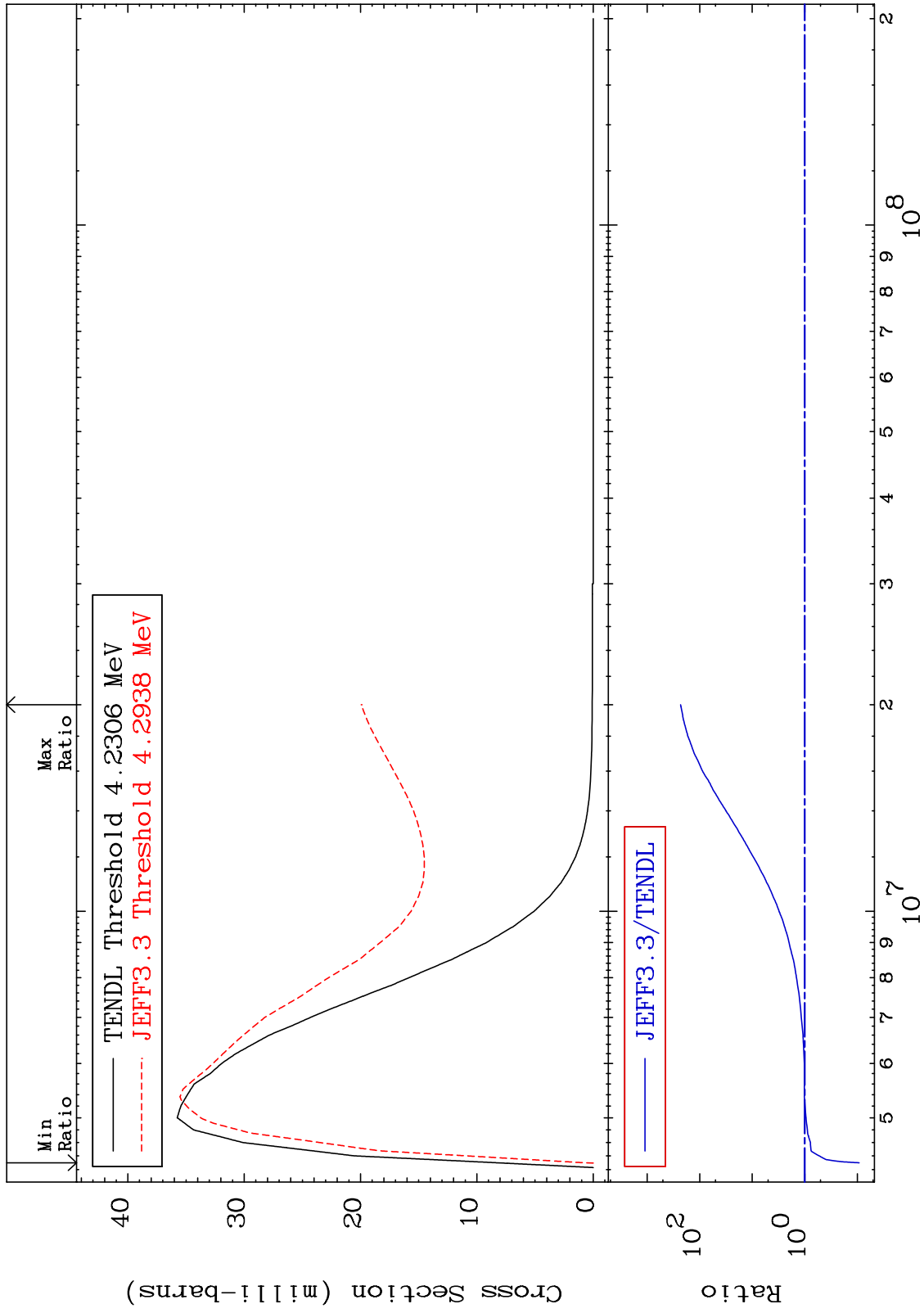


18 Incident Energy (eV) 17-Cl-35

MAT 1725

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

17-Cl-35
-90.79 To 9999. %



19

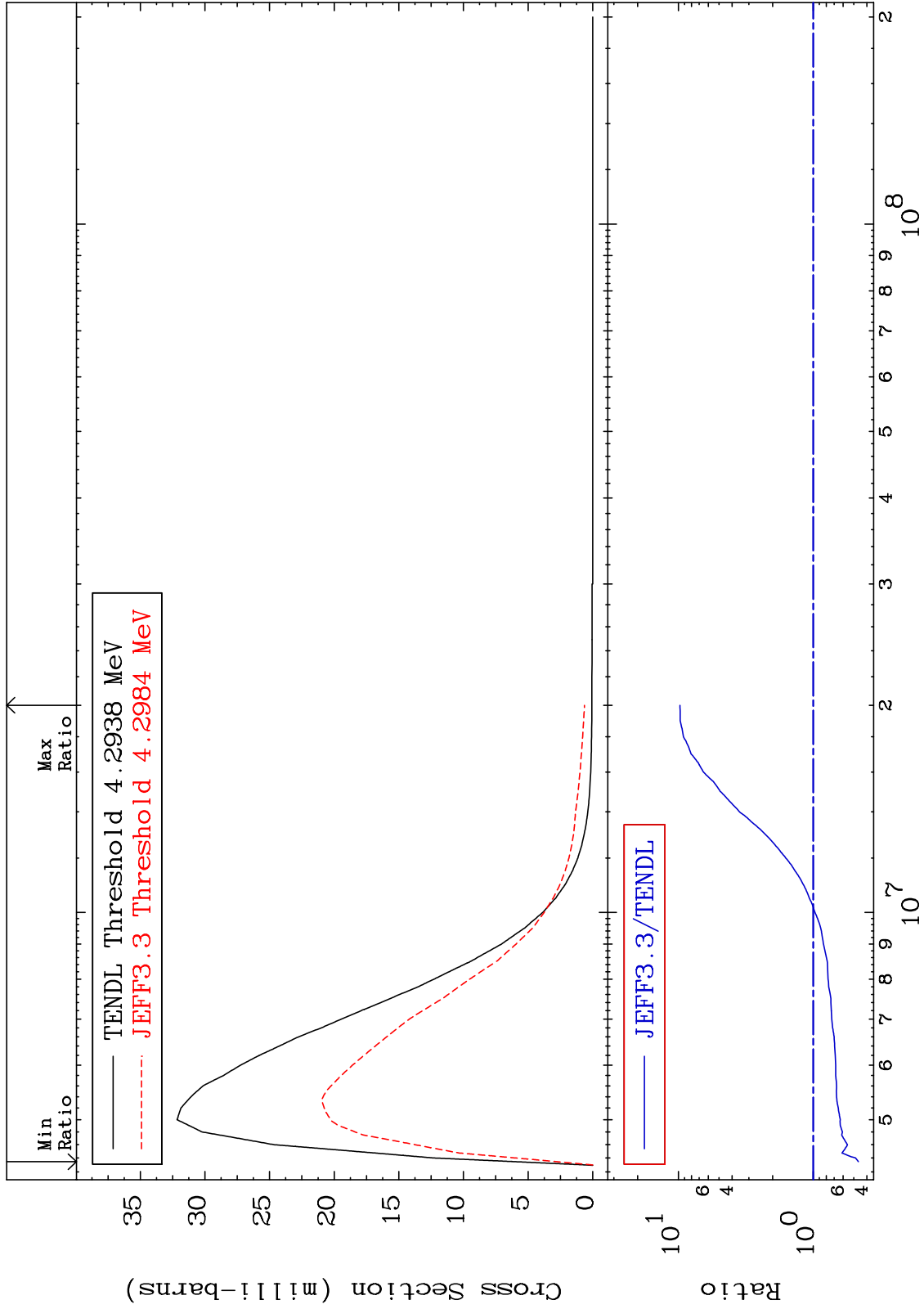
Incident Energy (eV)

17-Cl-35

MAT 1725

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

17-Cl-35
-53.75 To 871.6 %



20

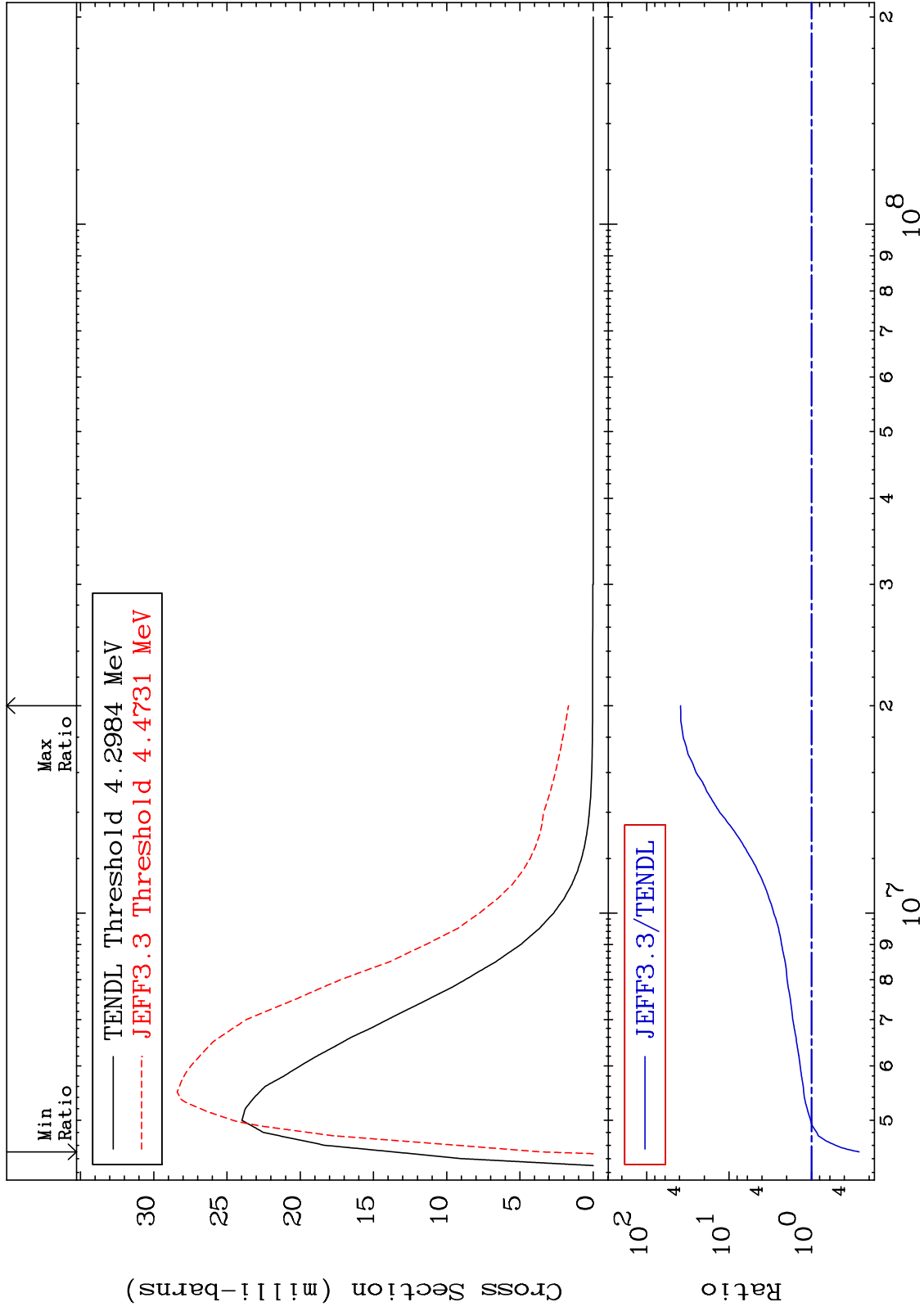
Incident Energy (eV)

17-Cl-35

MAT 1725

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

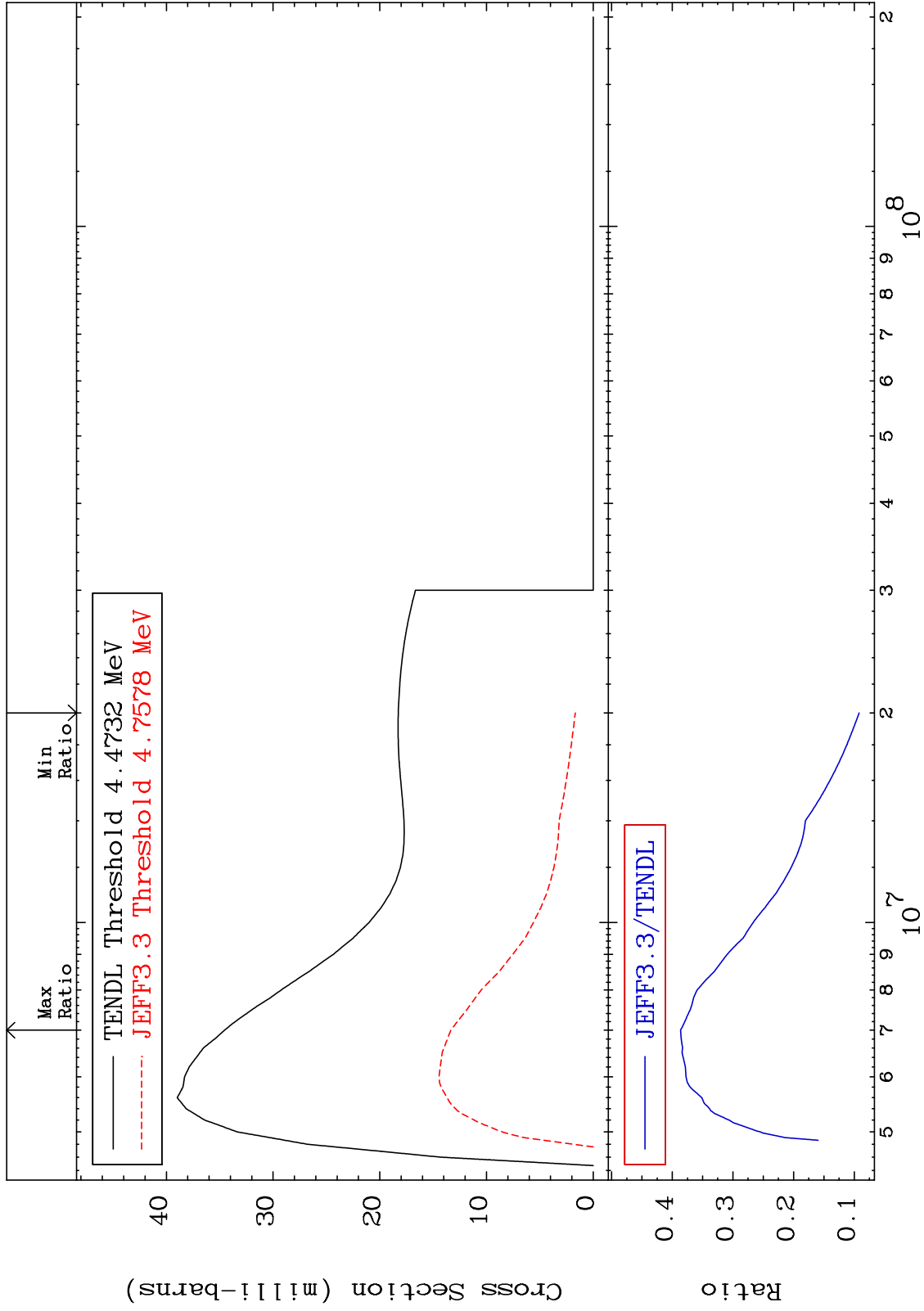
17-Cl-35
-73.59 To 3777. %



MAT 1725

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

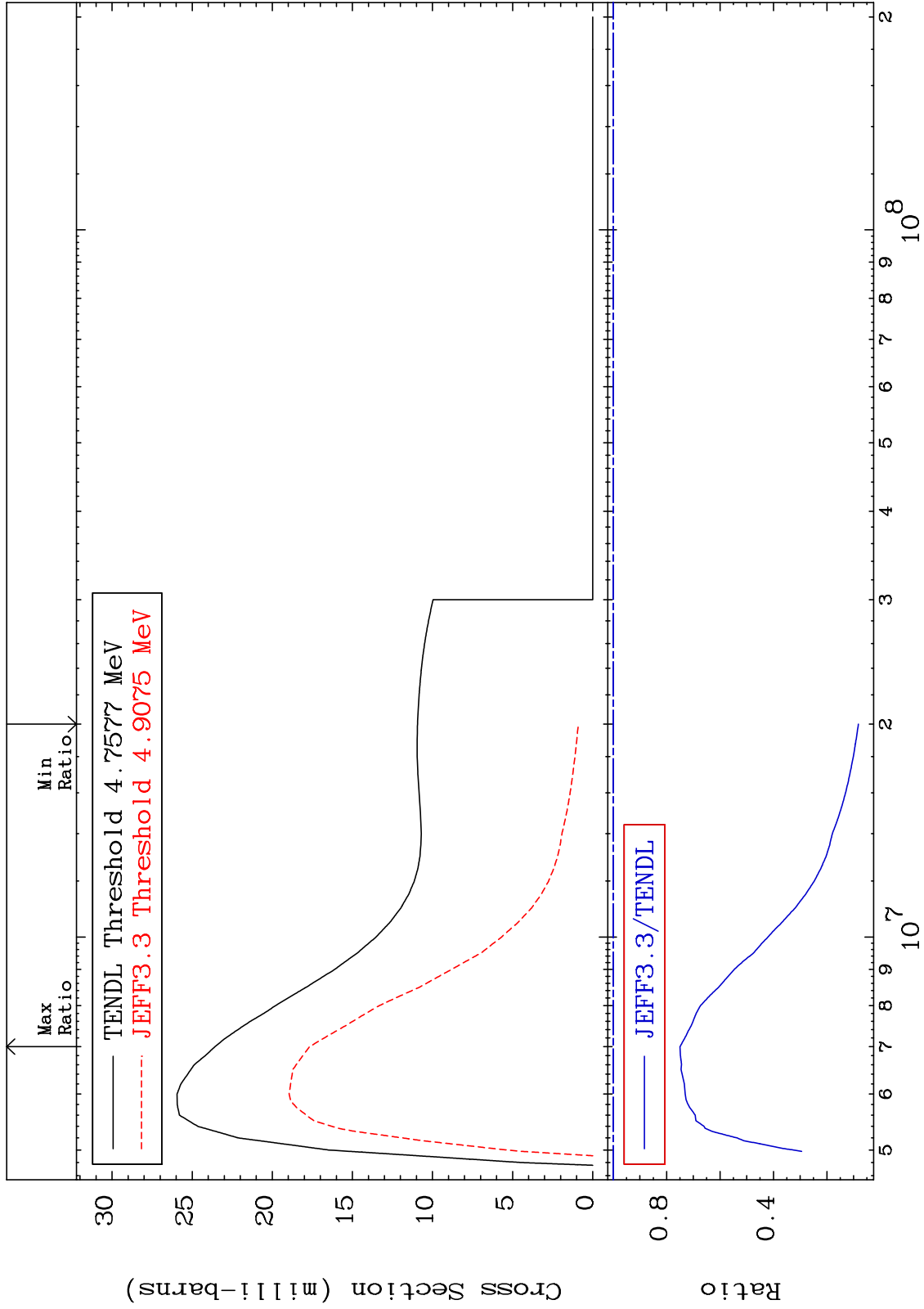
17-Cl-35
-90.80 To -61.38%



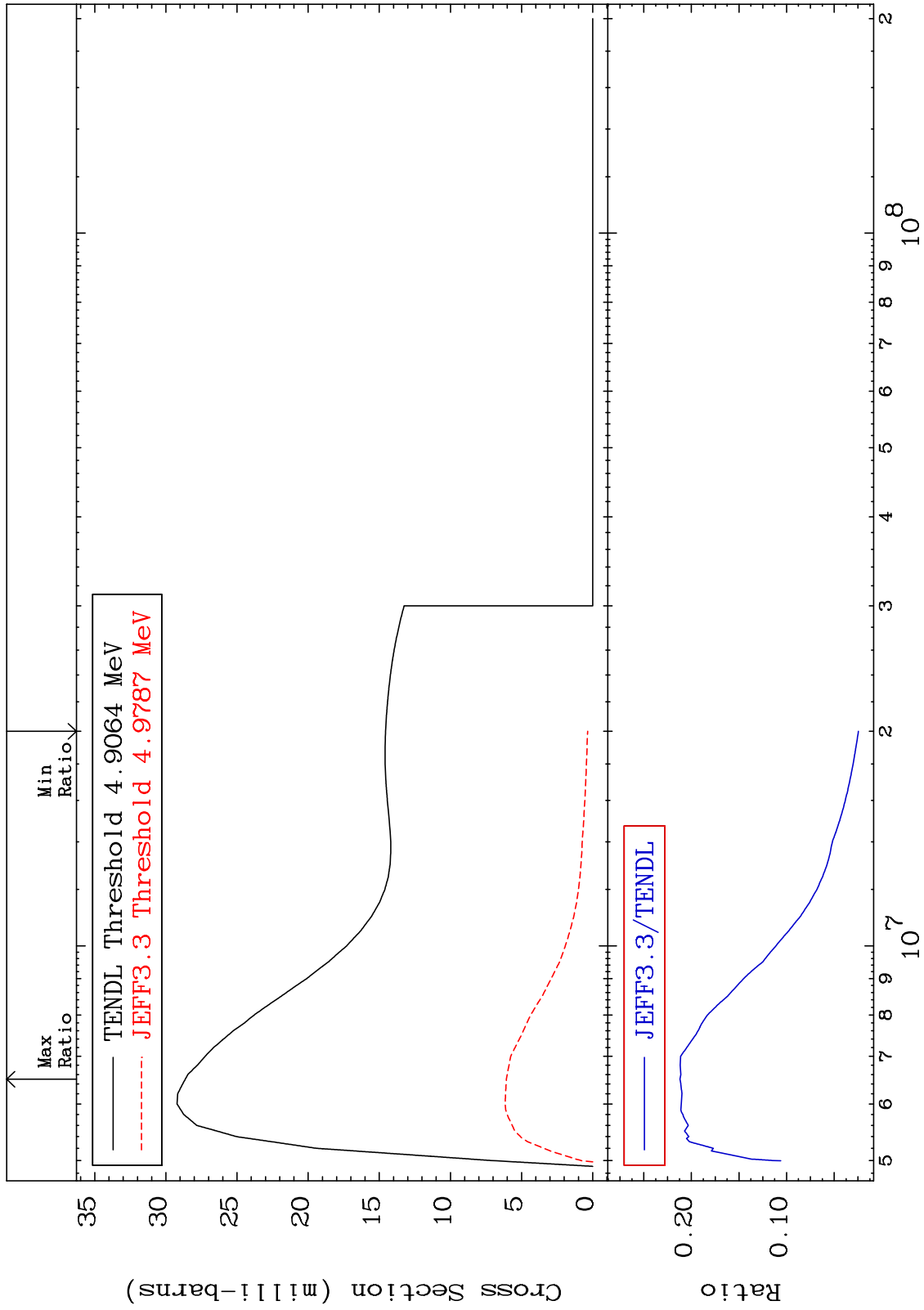
MAT 1725

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

17-Cl-35
-91.81 To -25.03%



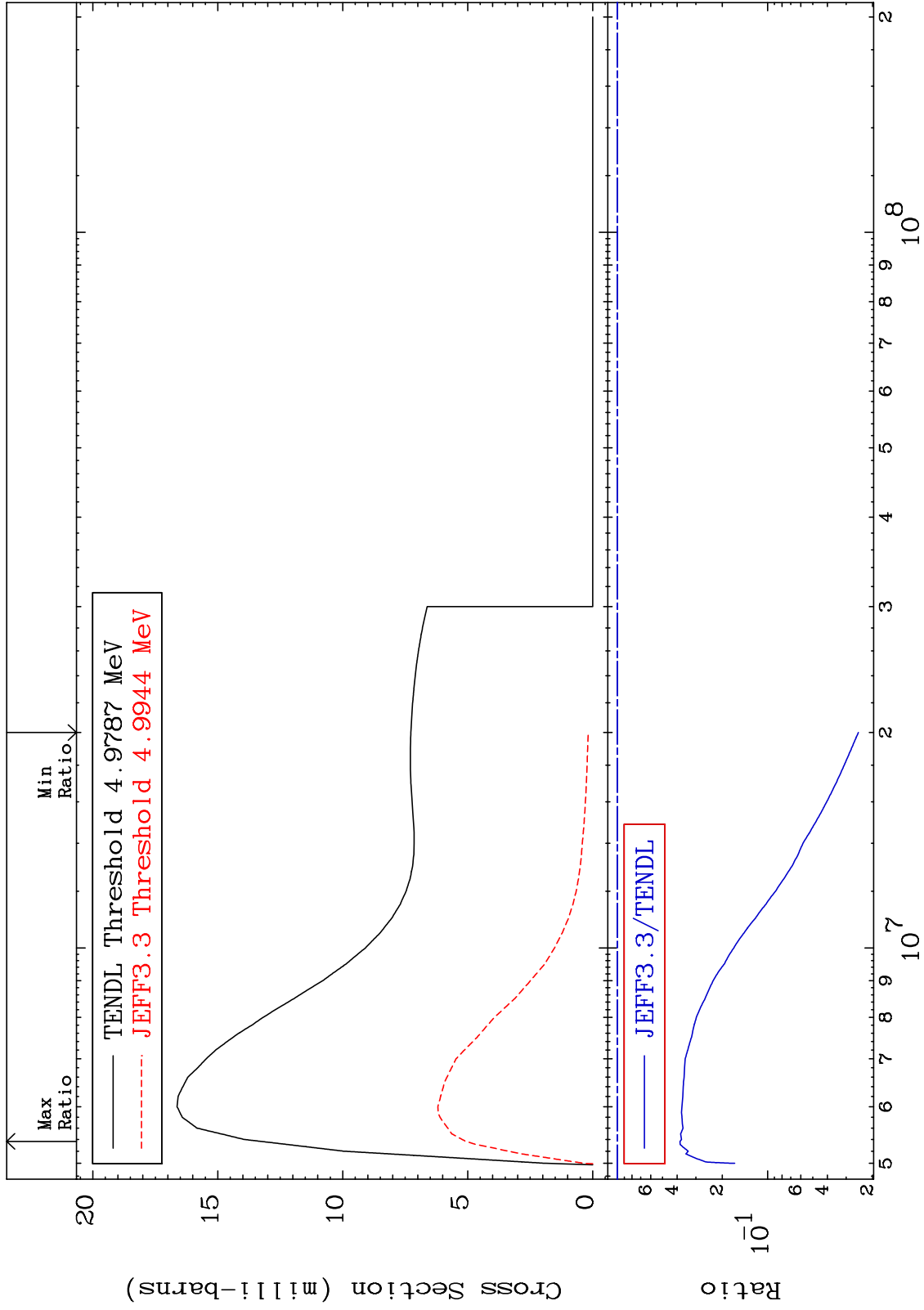
MAT 1725 MT= 67 (n,n') Level Cross Section 17-Cl-35
 -97.54 To -78.80%



MAT 1725

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

17-Cl-35
-97.52 To -61.71%



25

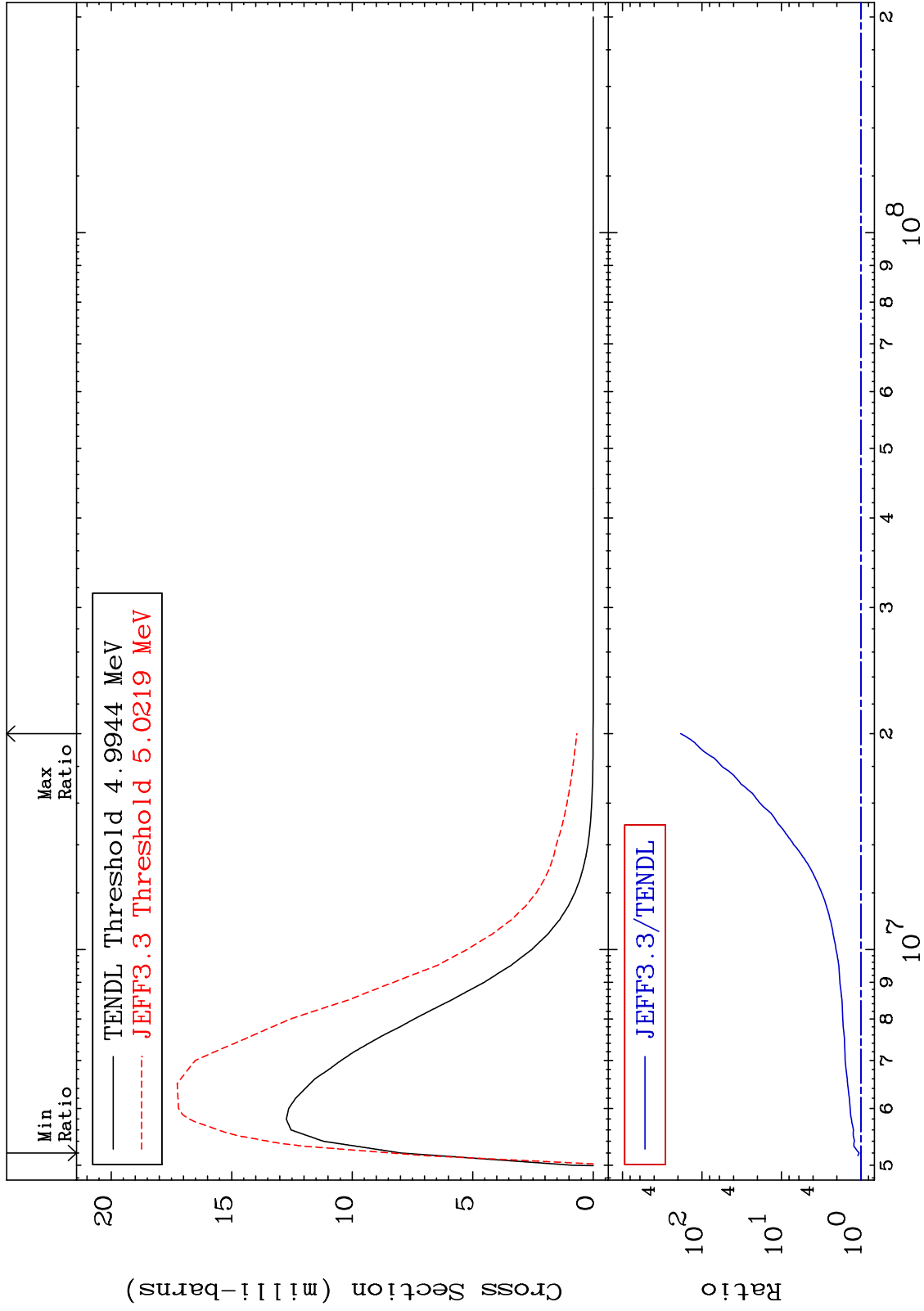
17-Cl-35

17-Cl-35

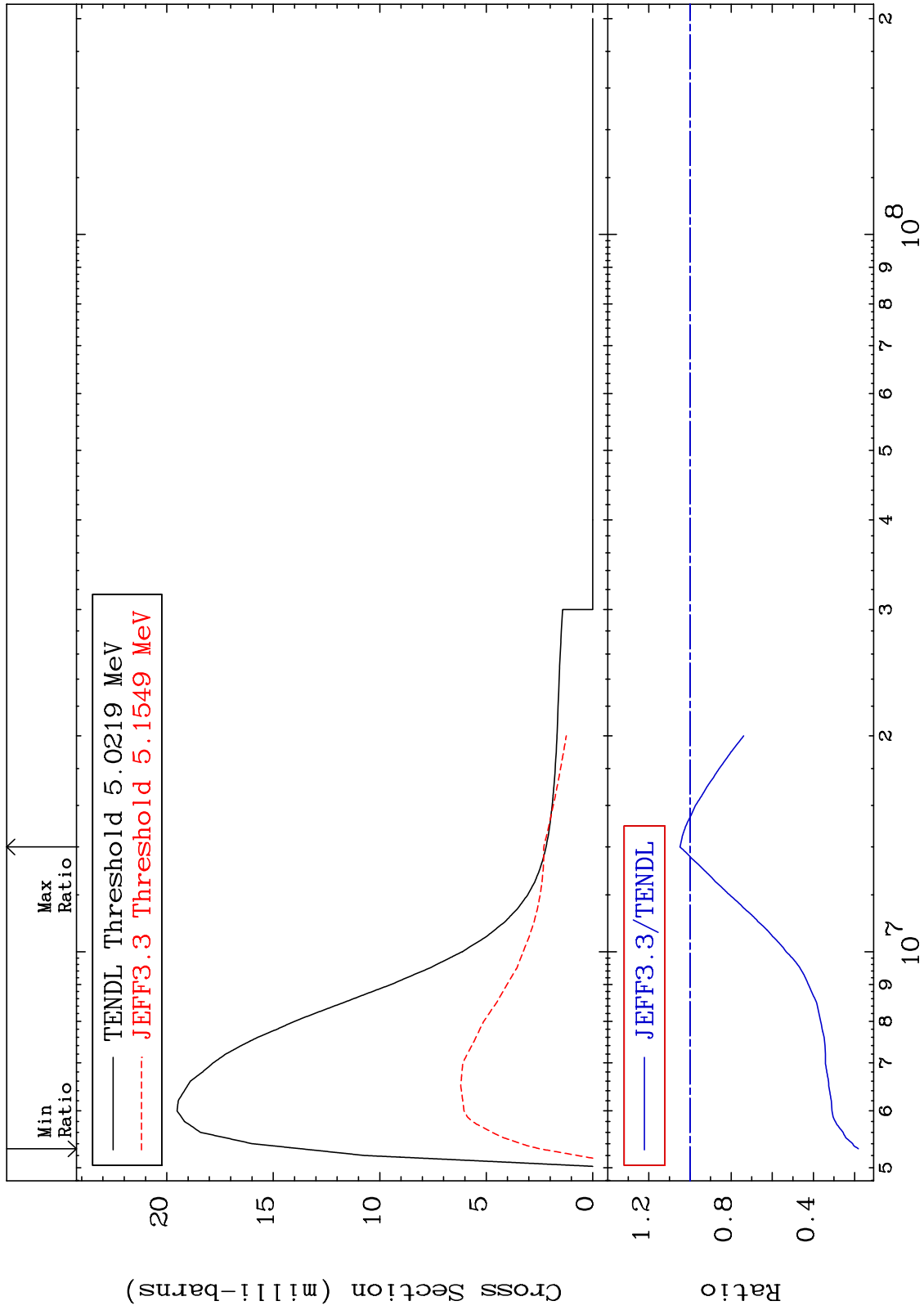
MAT 1725

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

17-CI-35
4.856 To 9999. %



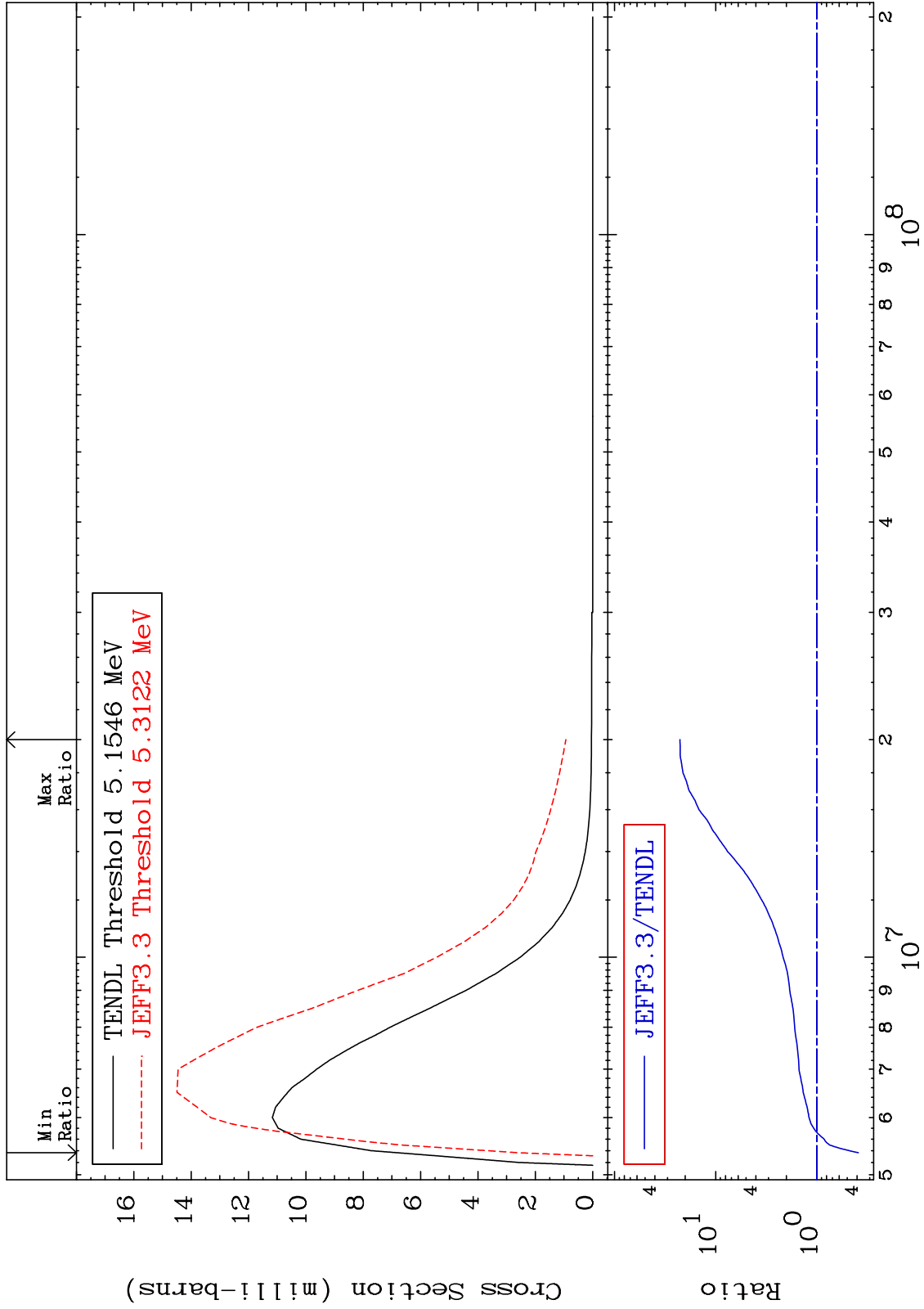
MAT 1725 MT= 70 (n,n') Level
Cross Section 17-Cl-35
-81.85 To 4.853 %



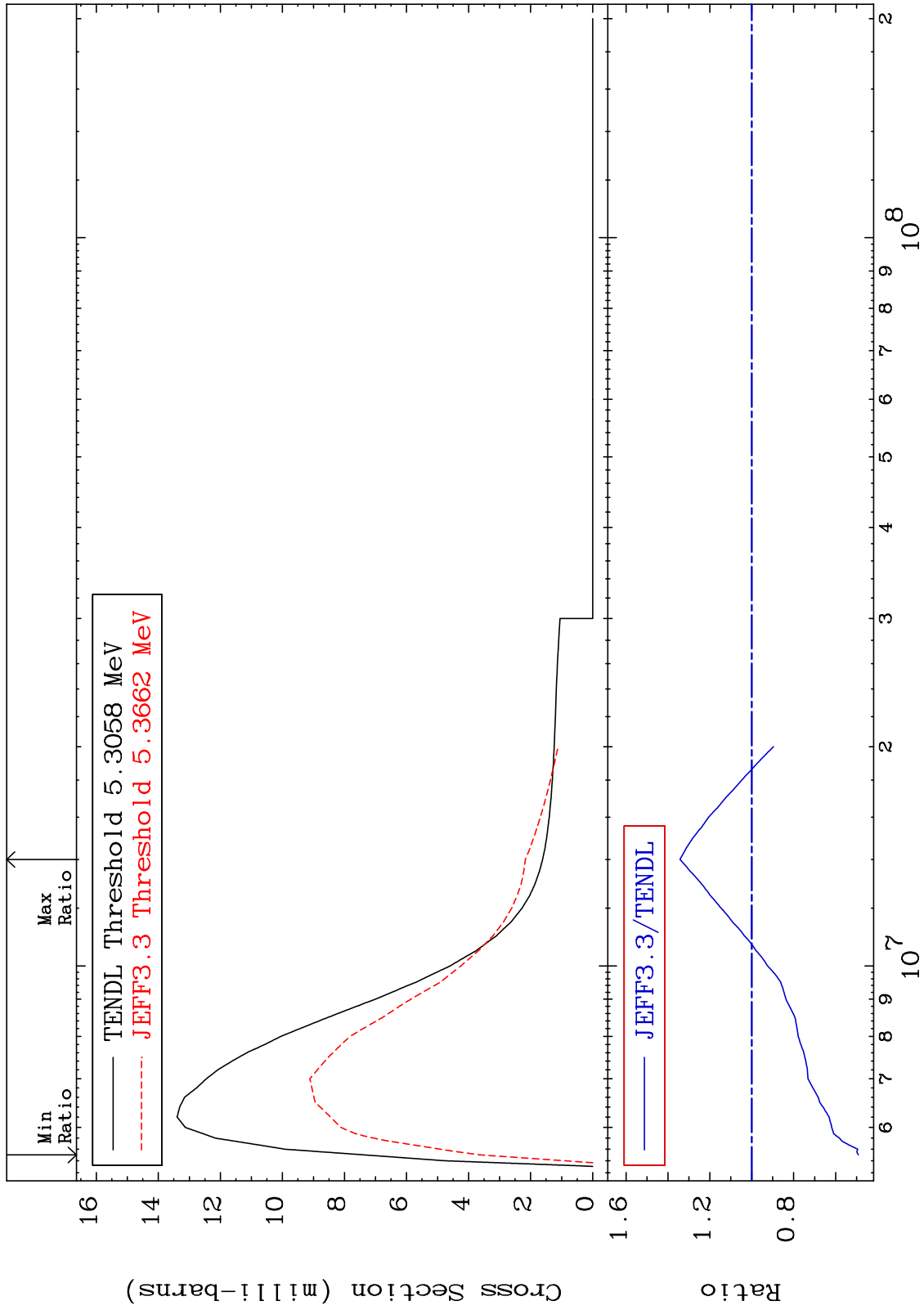
MAT 1725

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

17-CI-35
-61.23 To 2154. %



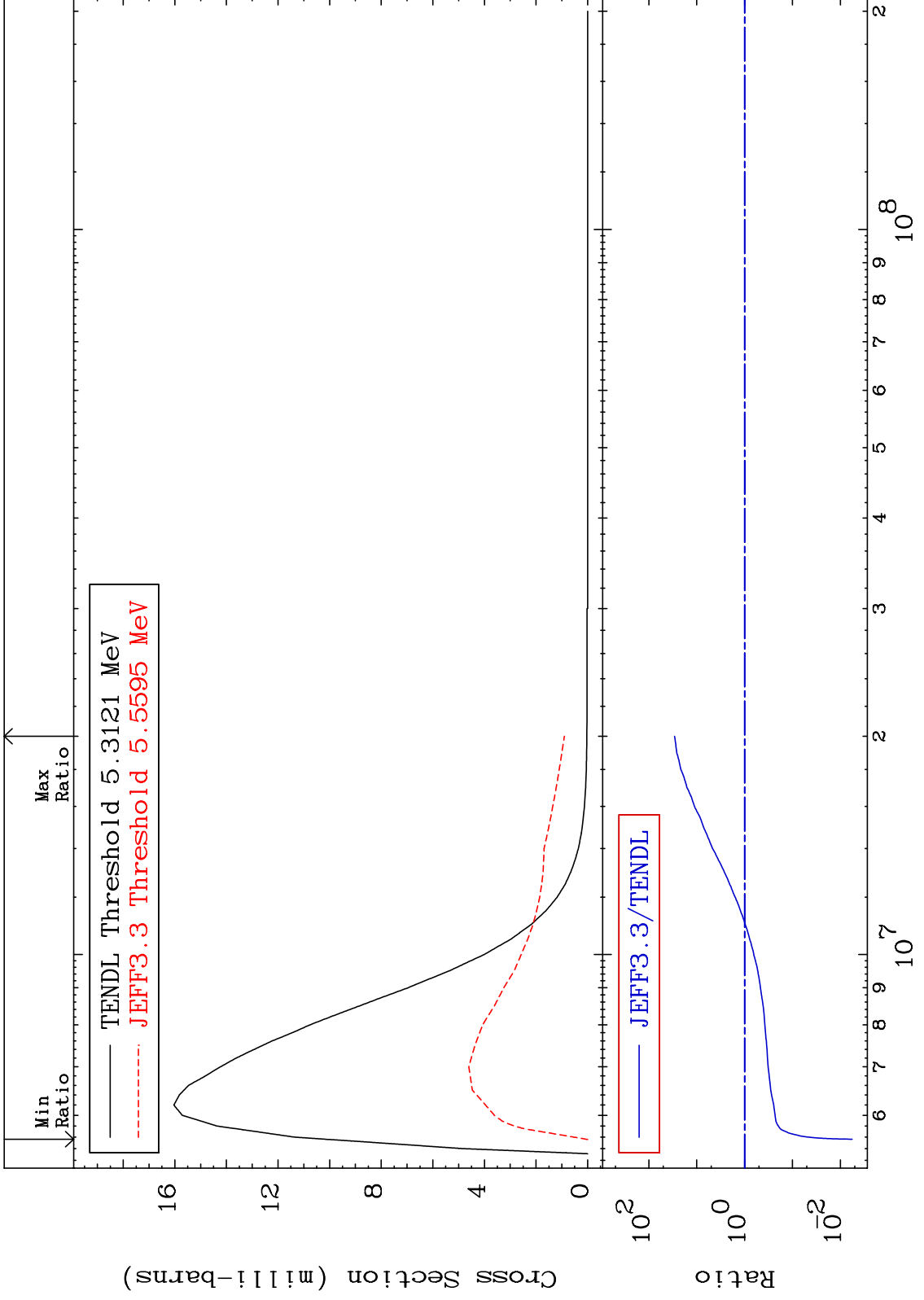
MAT 1725 MT= 72 (n,n') Level 17-Cl-35
 Cross Section -50.90 To 34.28 %



MAT 1725

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

17-CI-35
-99.44 To 2797. %



30

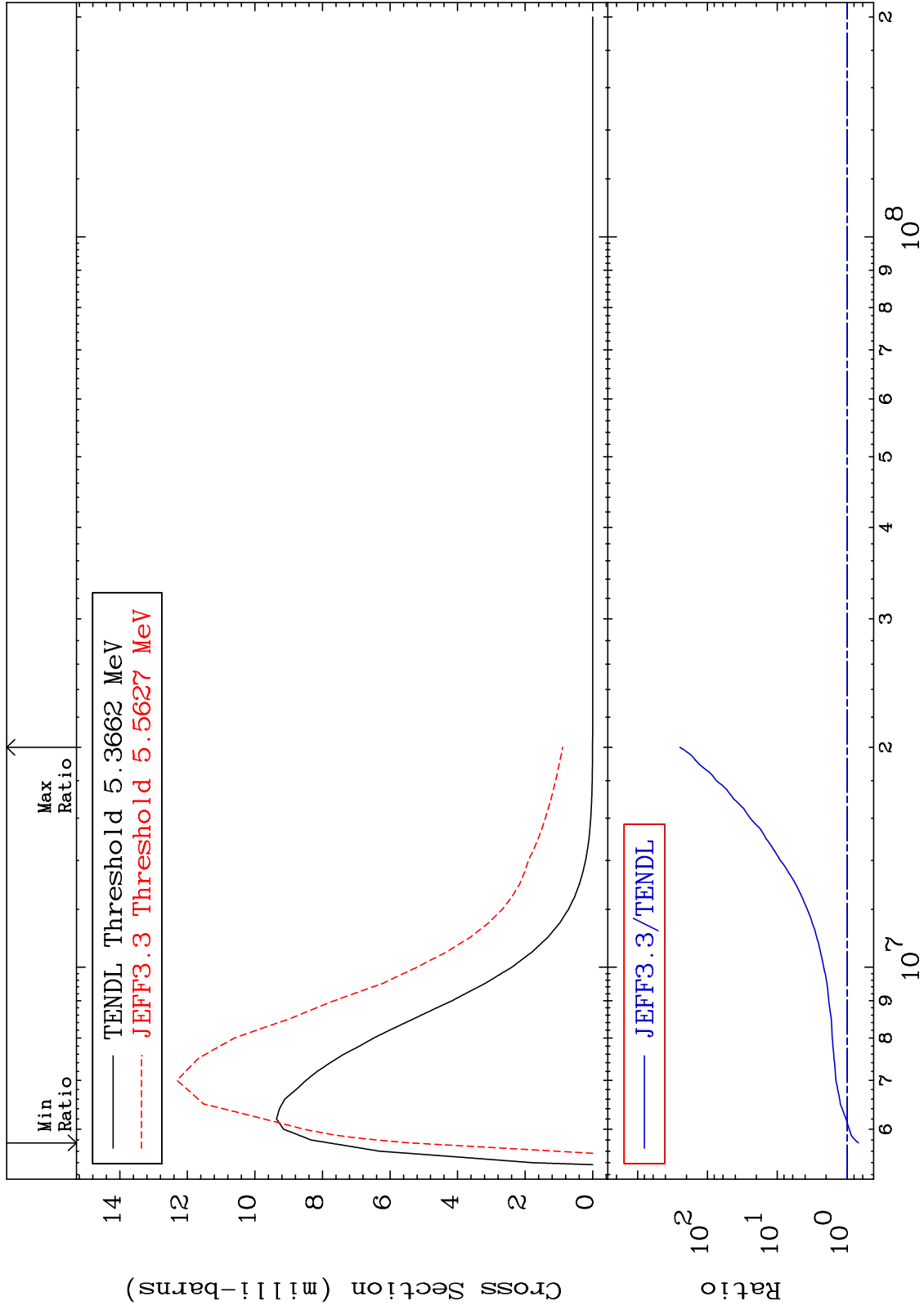
Incident Energy (eV)

17-CI-35

MAT 1725

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

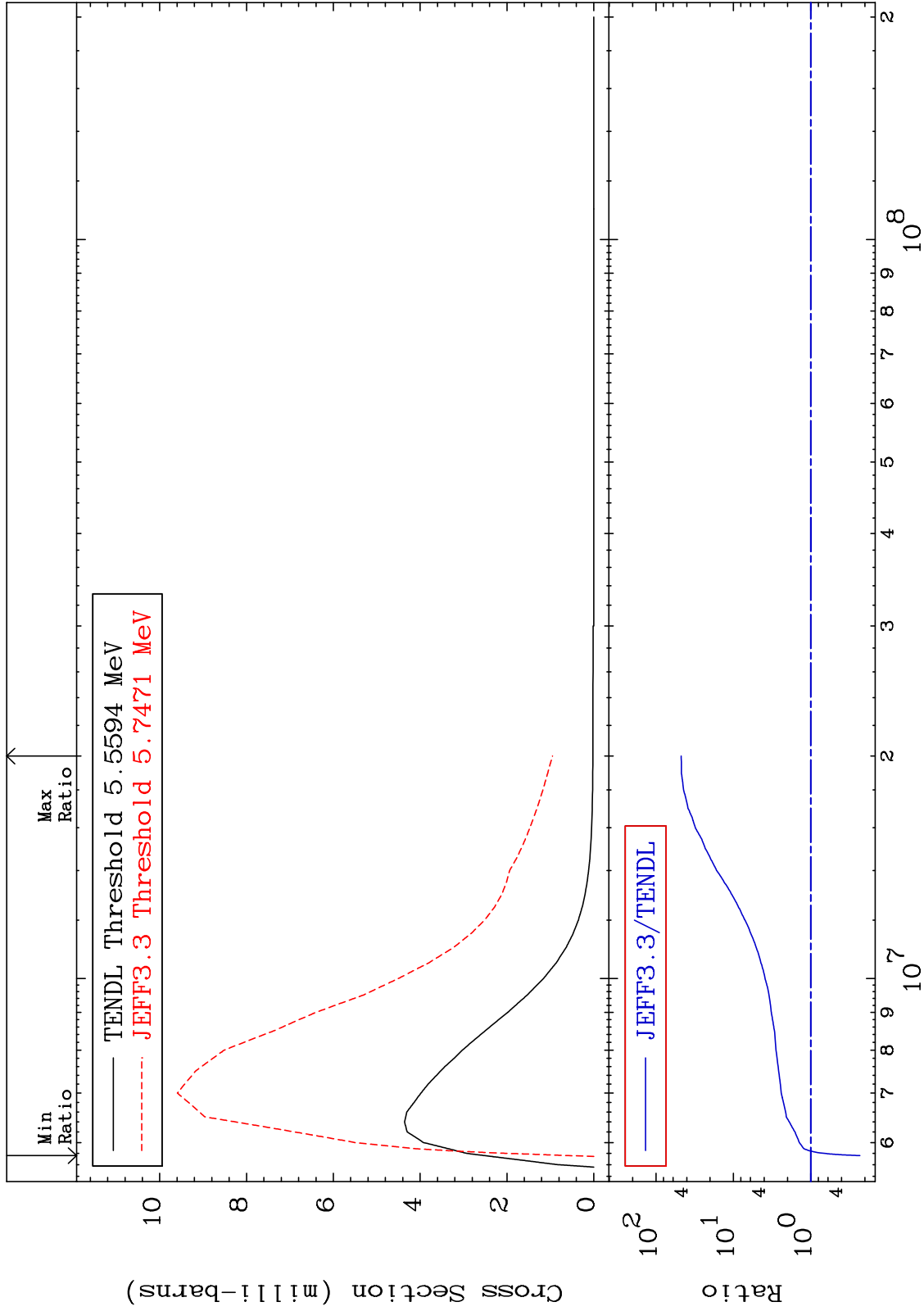
17-Cl-35
-30.90 To 9999. %



MAT 1725

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

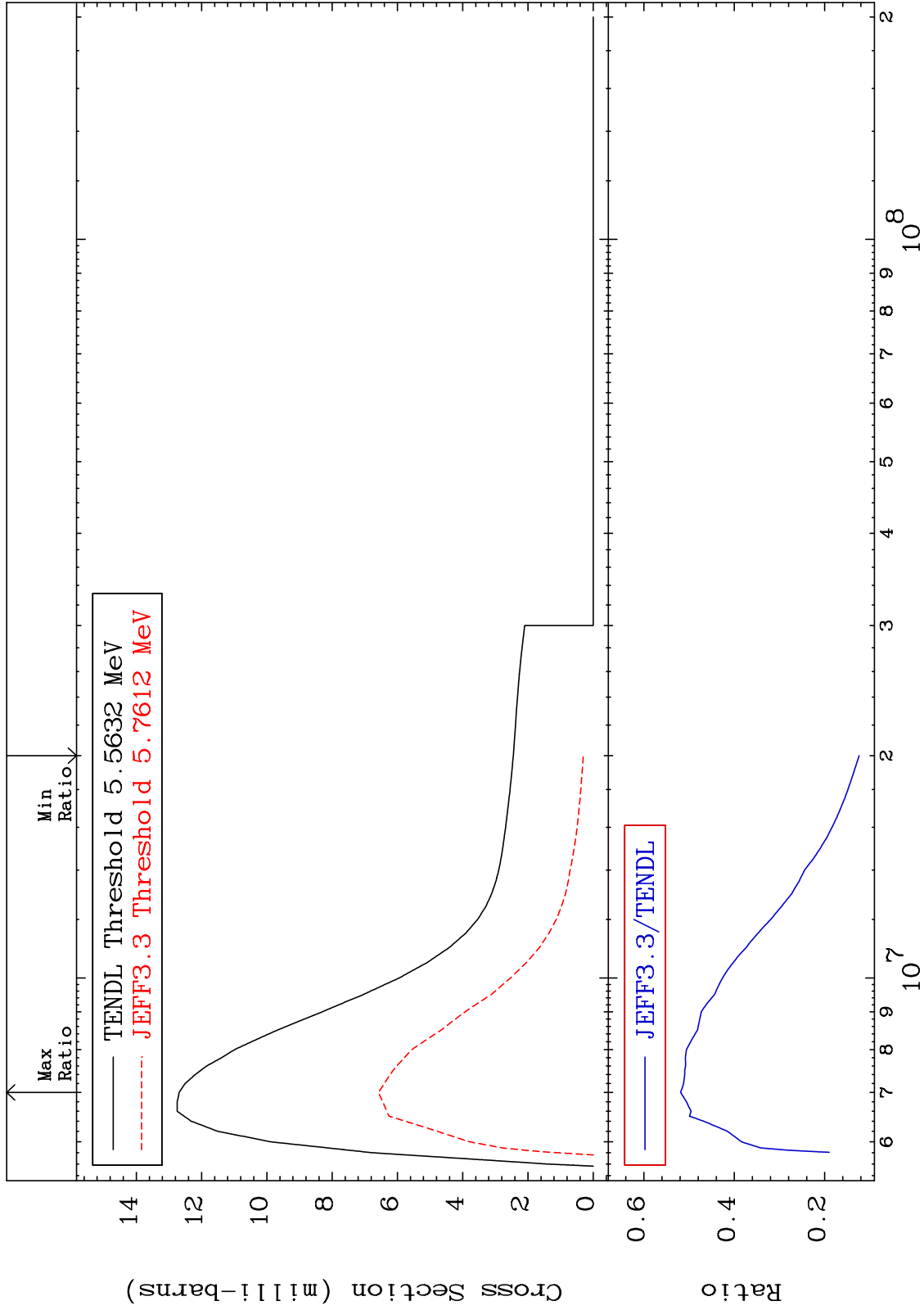
17-Cl-35
-76.83 To 4613. %



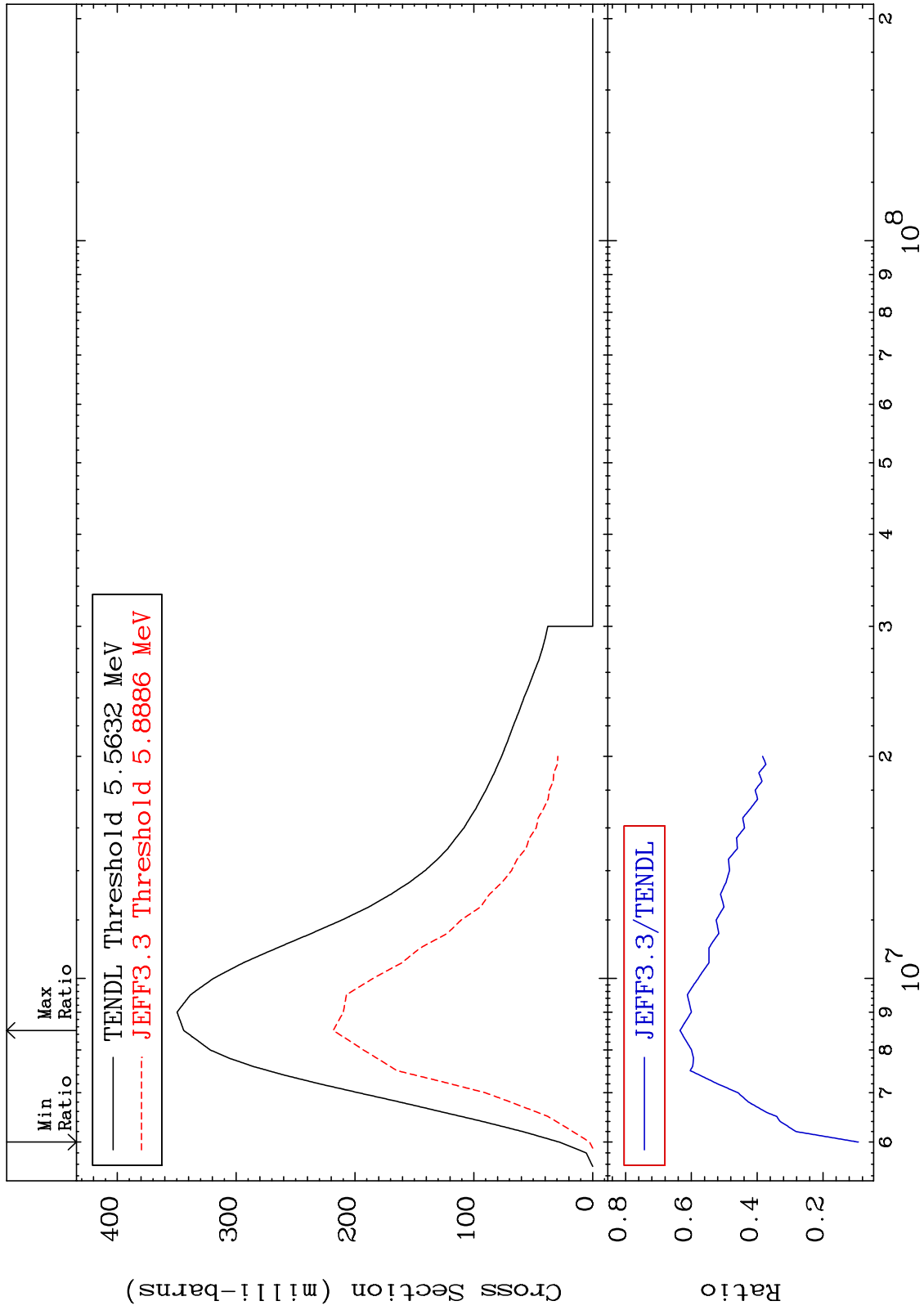
MAT 1725

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

17-Cl-35
-87.62 To -48.12%



MAT 1725 (n,n') Continuum Cross Section 17-Cl-35 -90.77 To -36.55%



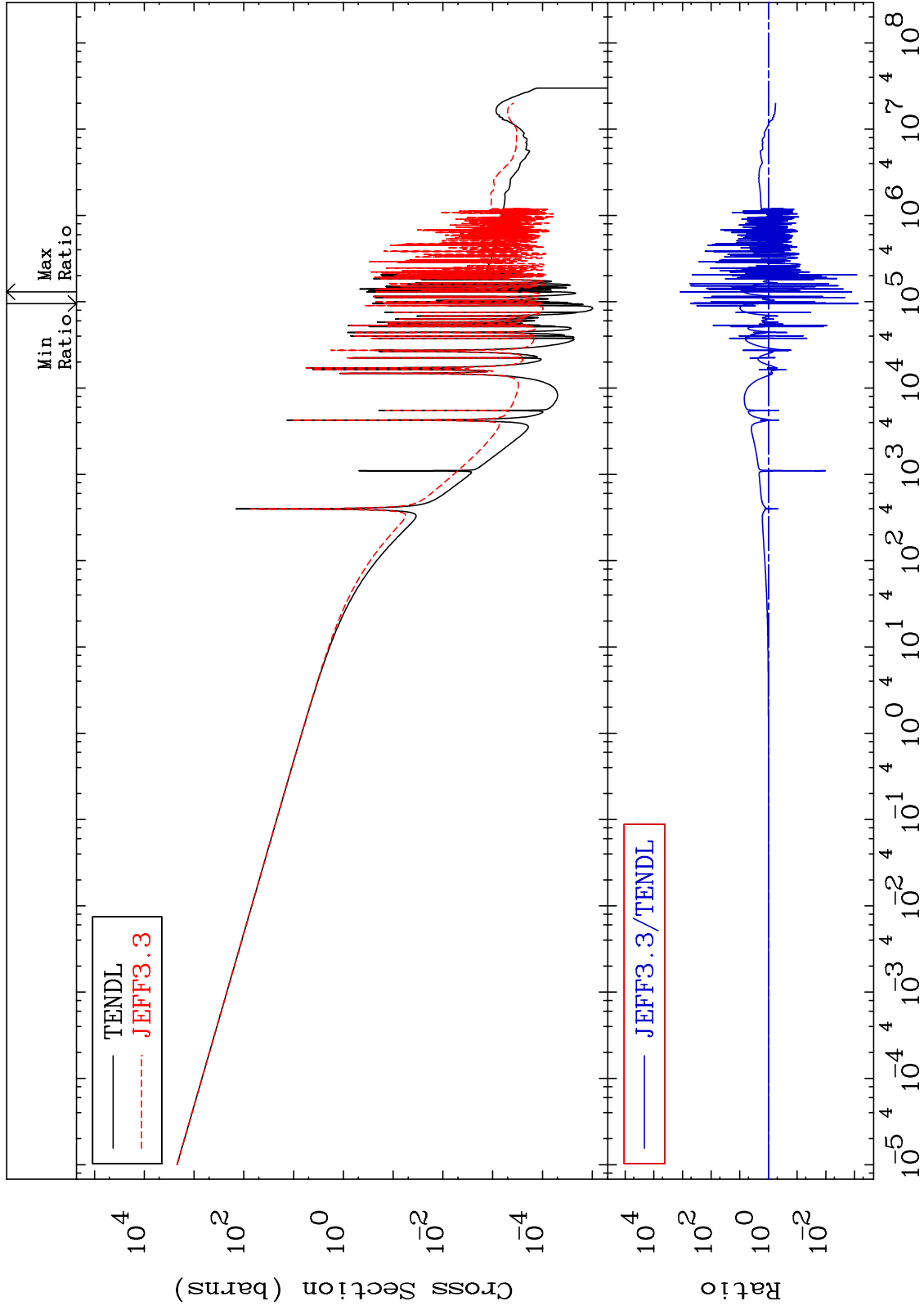
MAT 1725

(n, γ)

17-Cl-35

Cross Section

-99.93 To 9999. %



35

Incident Energy (eV)

17-Cl-35

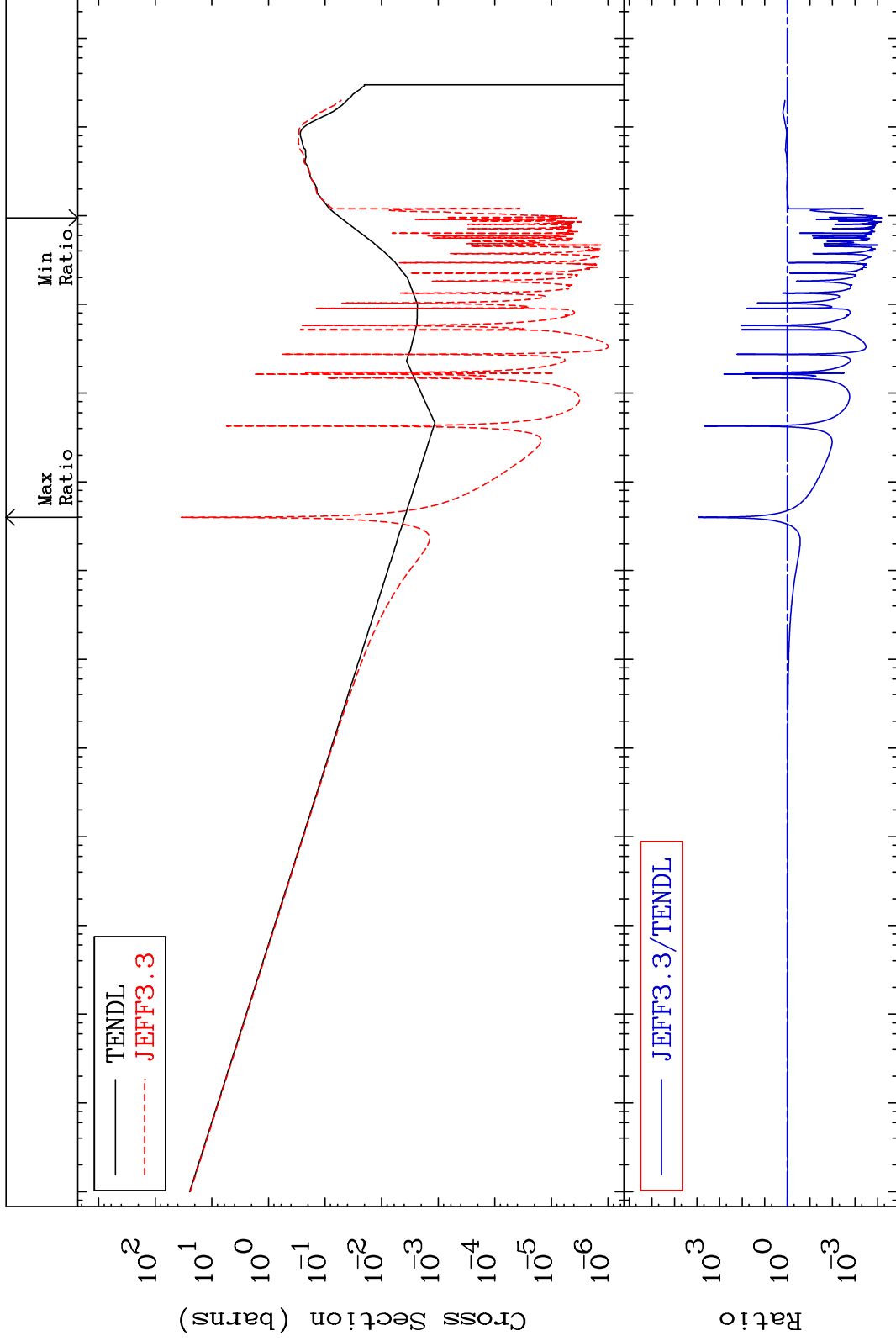
MAT 1725

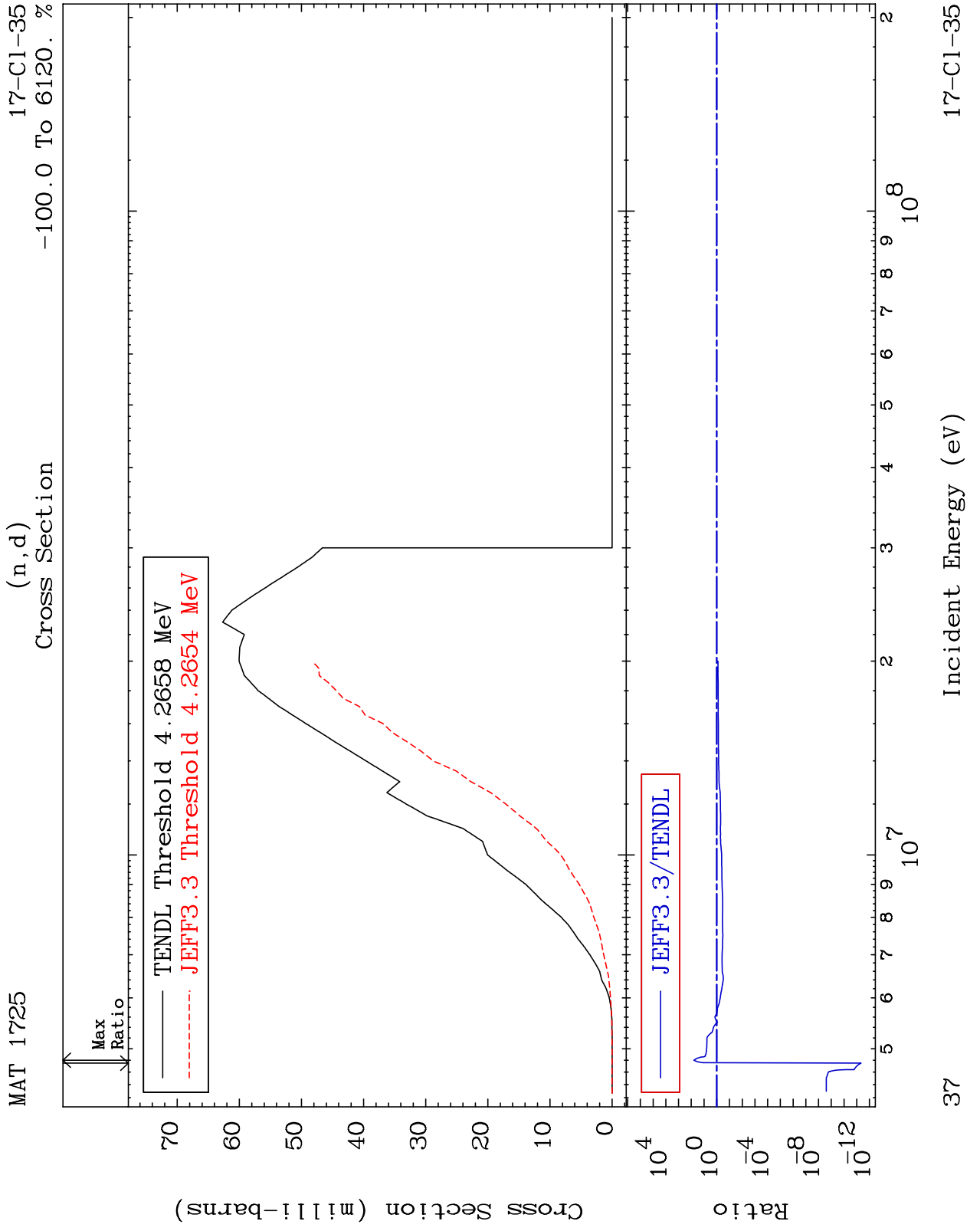
(n,p)

17-Cl-35

Cross Section

-99.99 To 9999. %





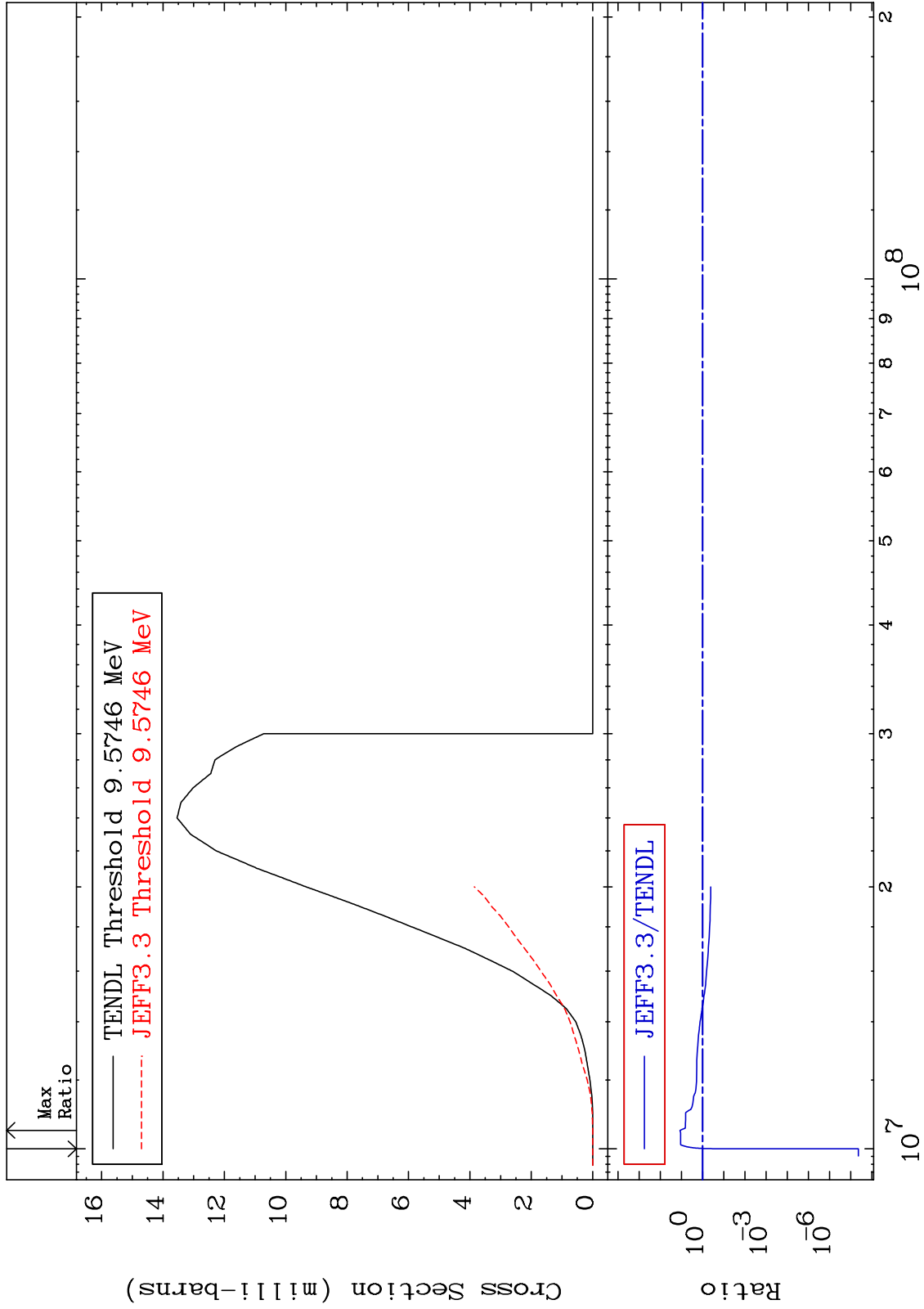
MAT 1725

(n, t)

17-Cl-35

Cross Section

-100.0 To 1075. %



38

Incident Energy (eV)

17-Cl-35

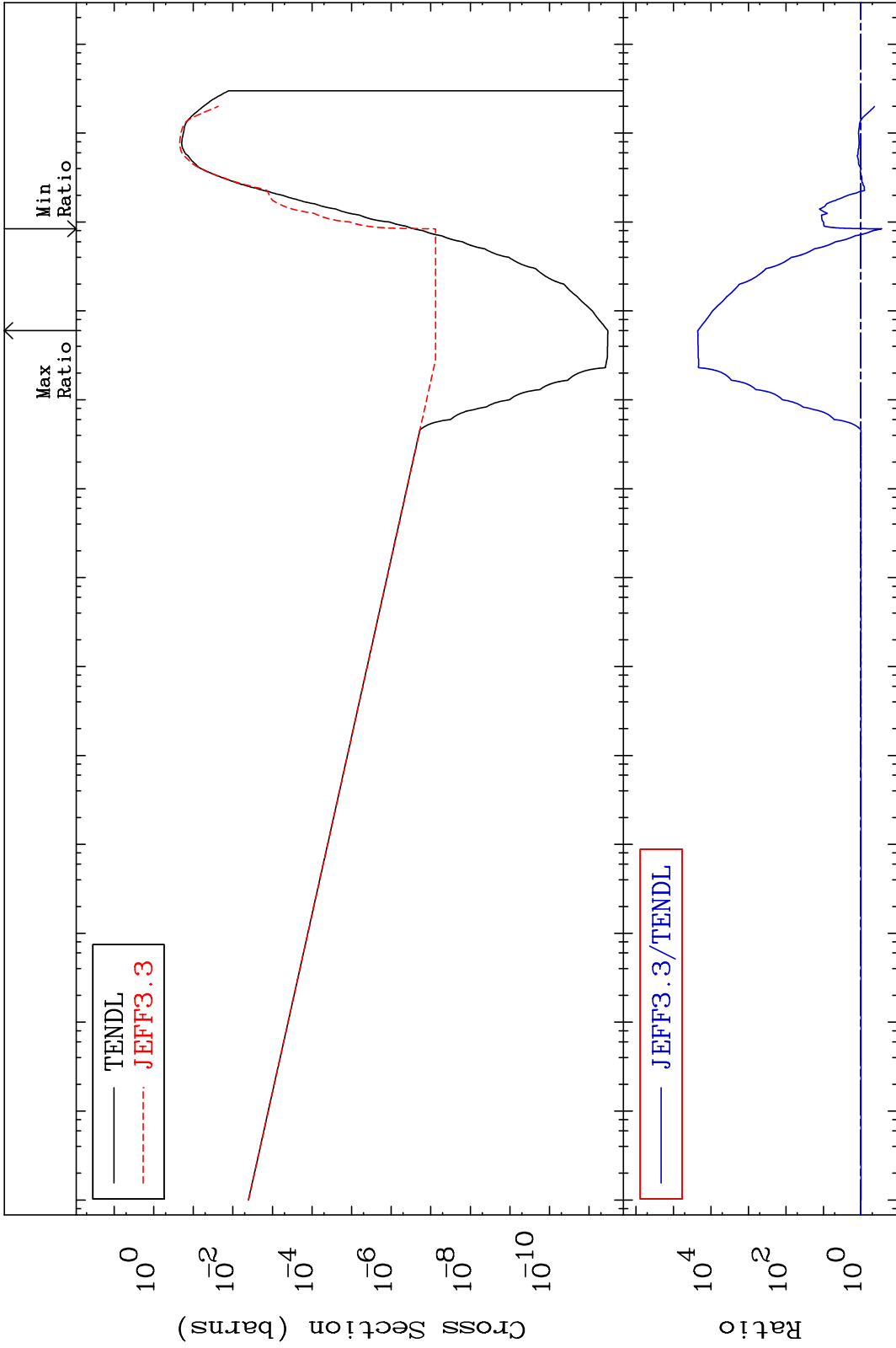
MAT 1725

(n, α)

17-Cl-35

Cross Section

-71.82 To 9999. %



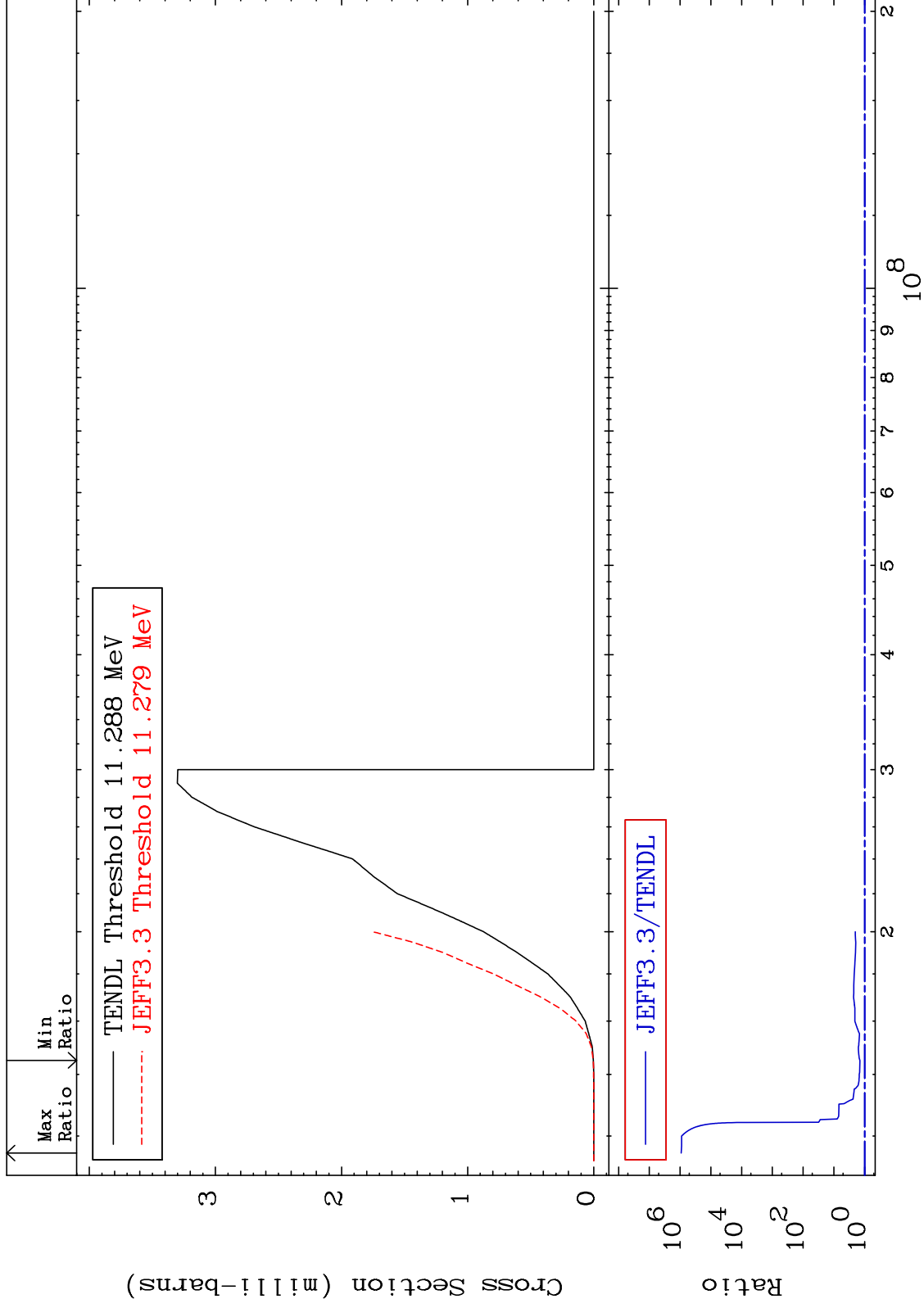
MAT 1725

(n,2p)

17-Cl-35

Cross Section

41.86 To 9999. %

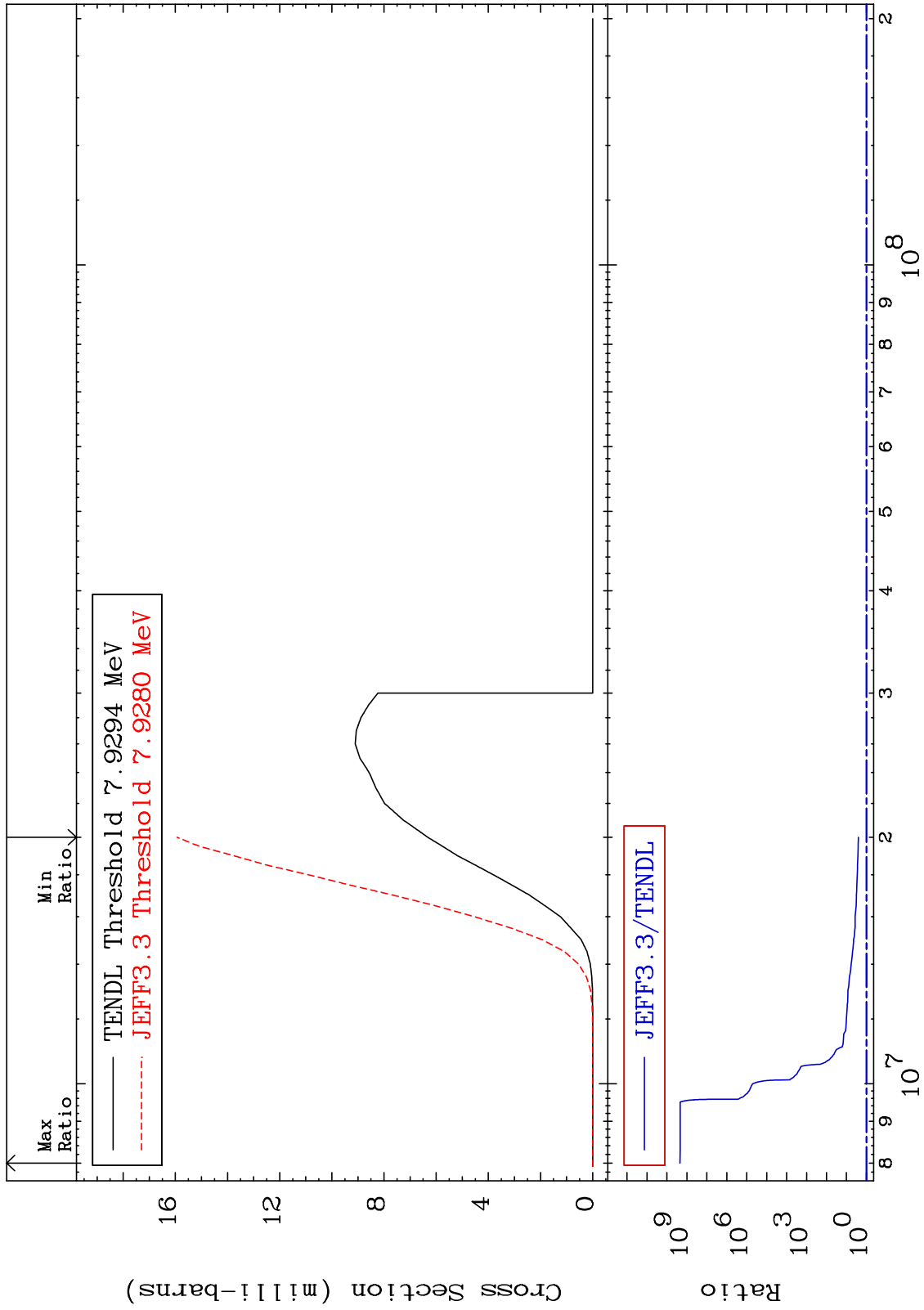


40

Incident Energy (eV)

17-Cl-35

MAT 1725 (n,p) α 17-Cl-35
 Cross Section 152.1 To 9999. %

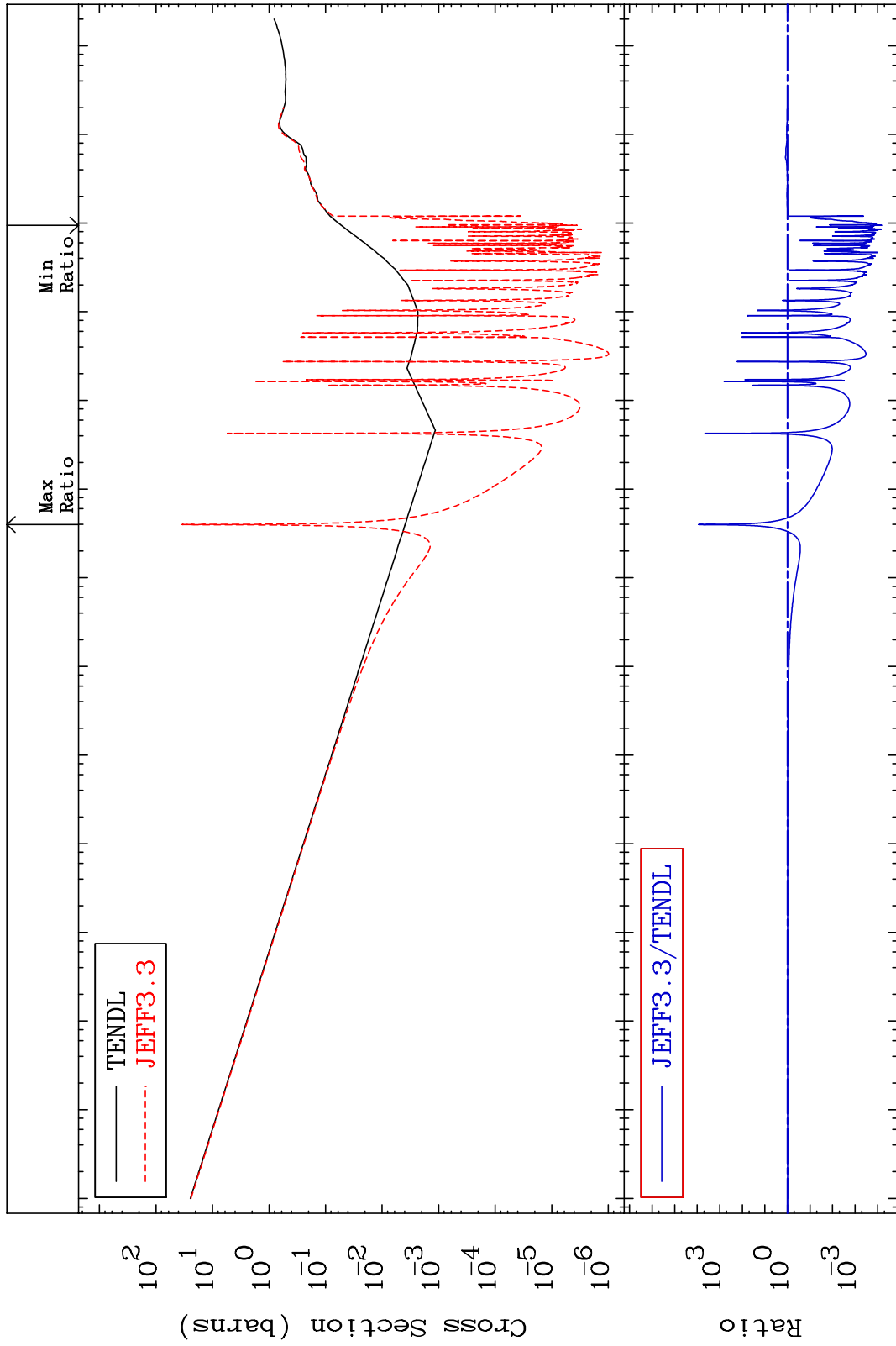


41 Incident Energy (eV) 17-Cl-35

MAT 1725

Hydrogen Production
Cross Section

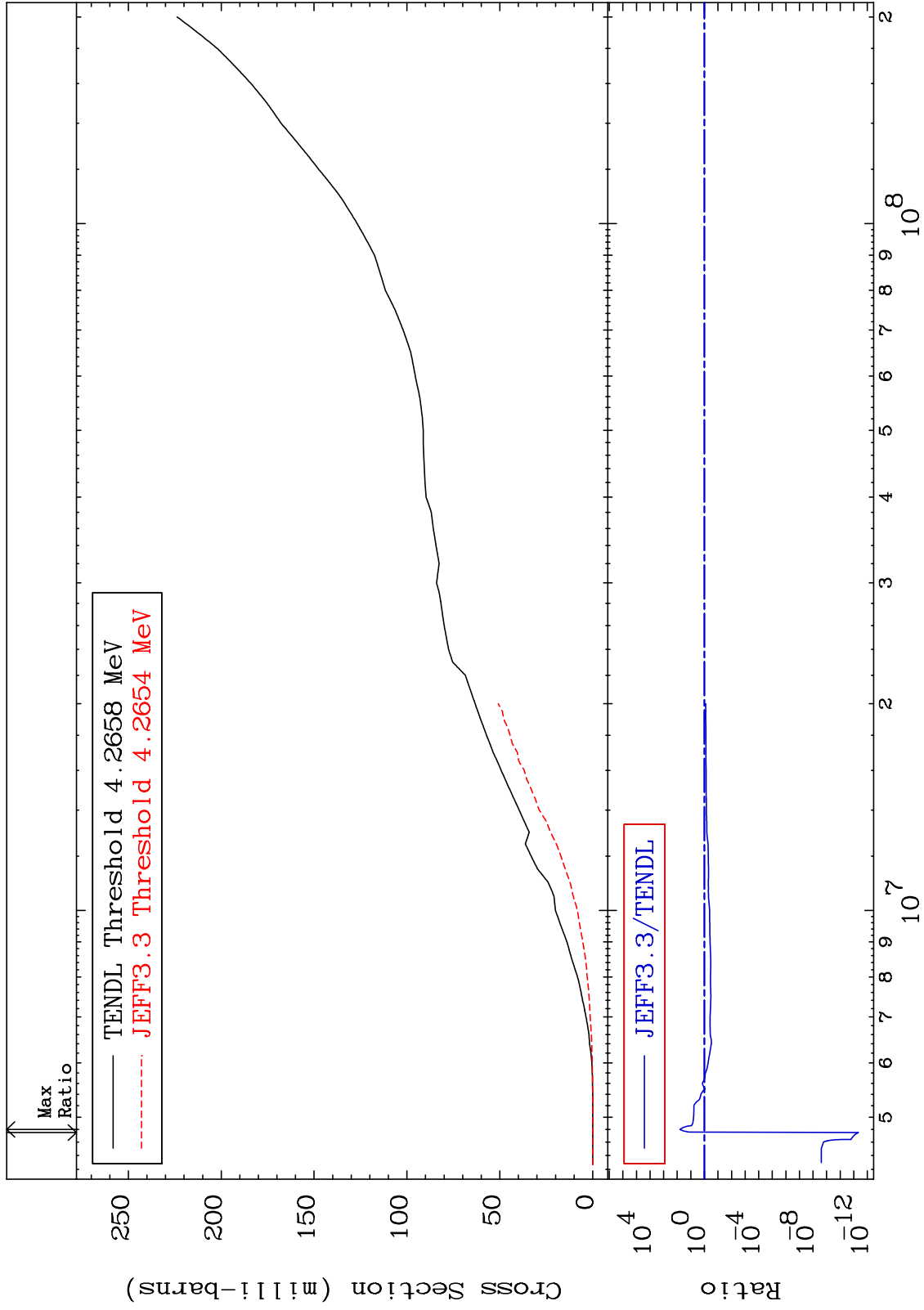
17-CI-35
-99.99 To 9999. %



MAT 1725

Deuterium Production
Cross Section

17-Cl-35
-100.0 To 6120. %



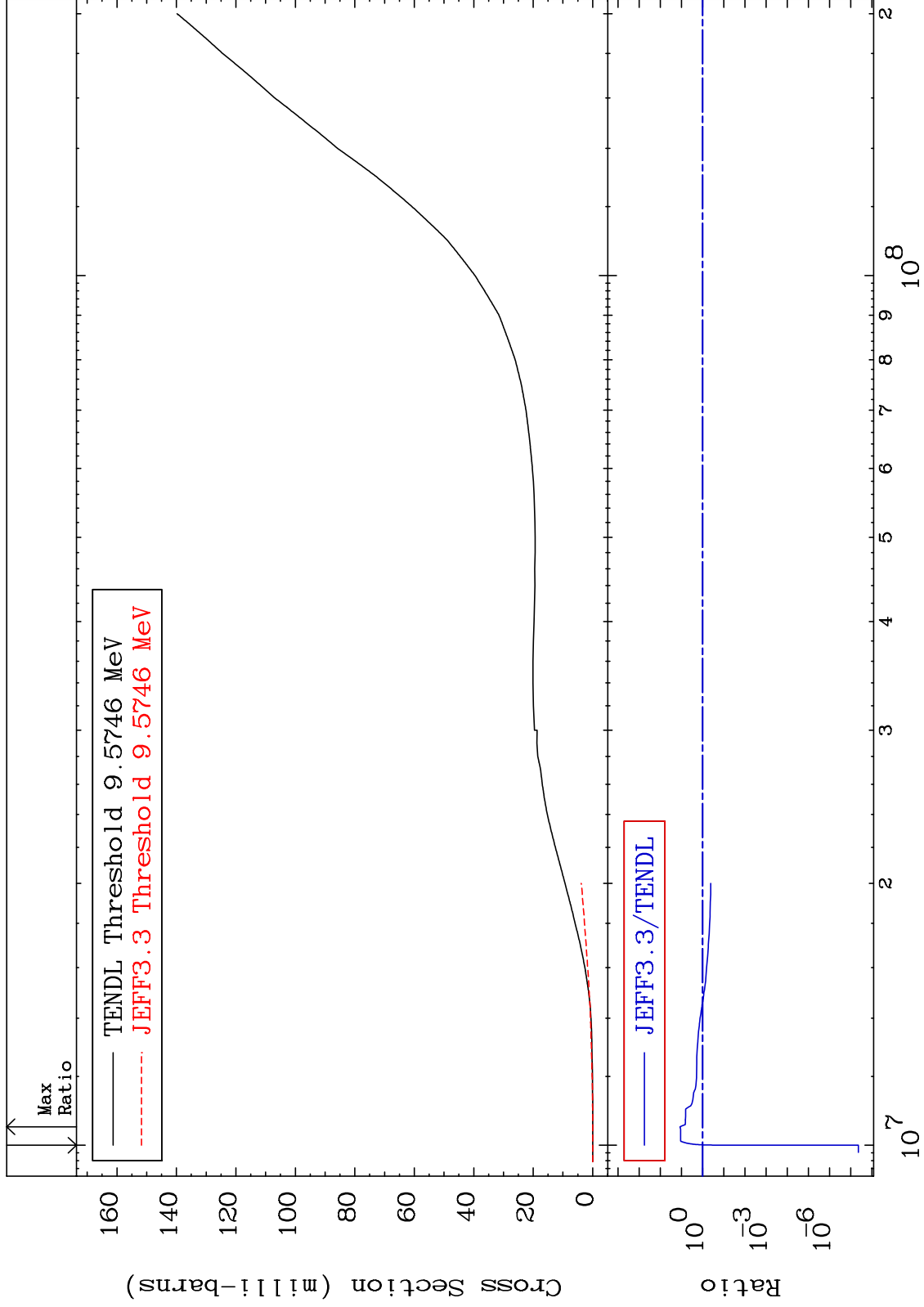
43

17-Cl-35

MAT 1725

Tritium Production
Cross Section

17-Cl-35
-100.0 To 1075. %



44

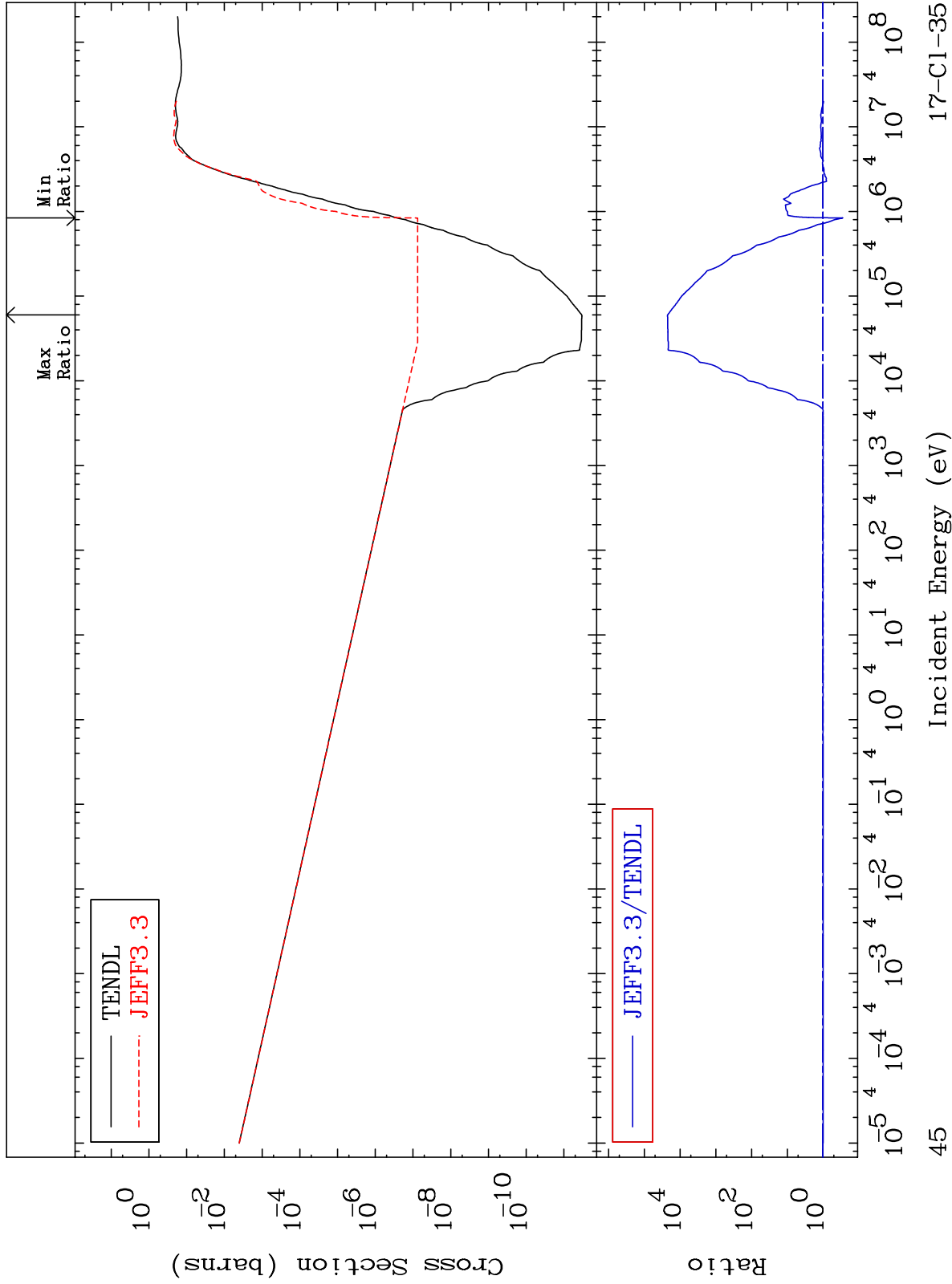
Incident Energy (eV)

17-Cl-35

MAT 1725

He-4 Production
Cross Section

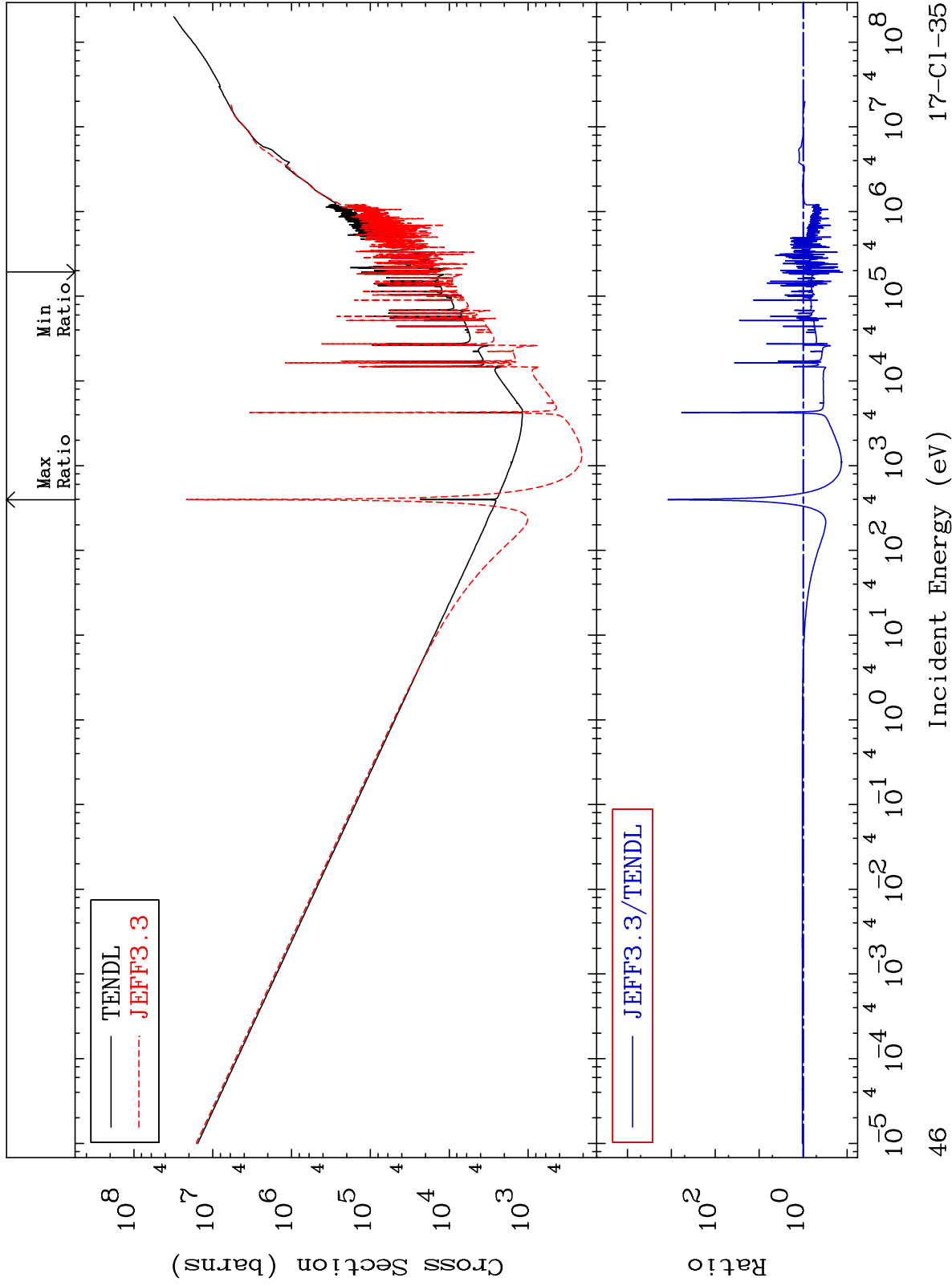
17-CI-35
-71.82 To 9999. %



MAT 1725

Kerma total (eV-barns)
Cross Section

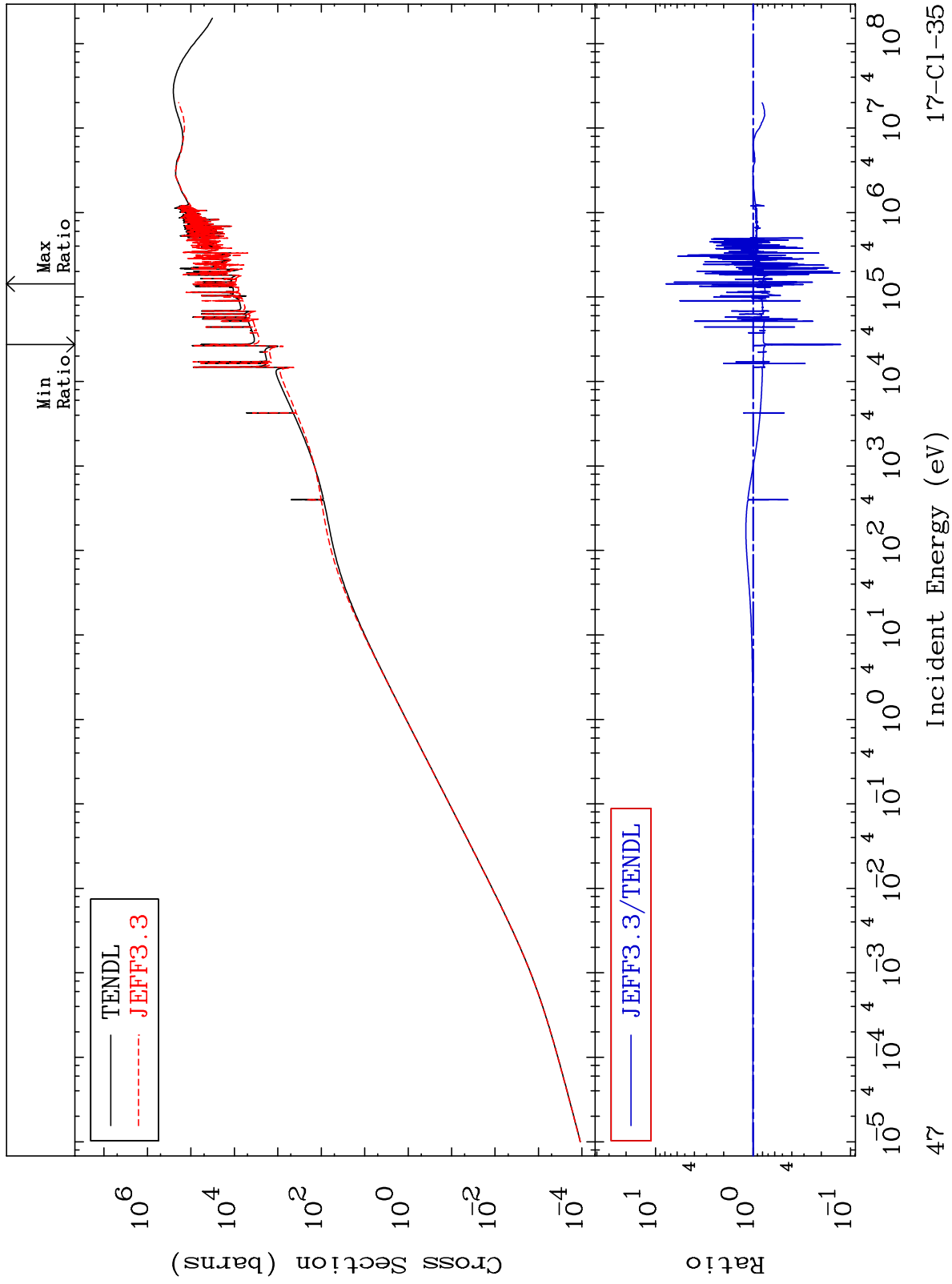
17-Cl-35
-87.41 To 9999. %



MAT 1725

Kerma elastic
Cross Section

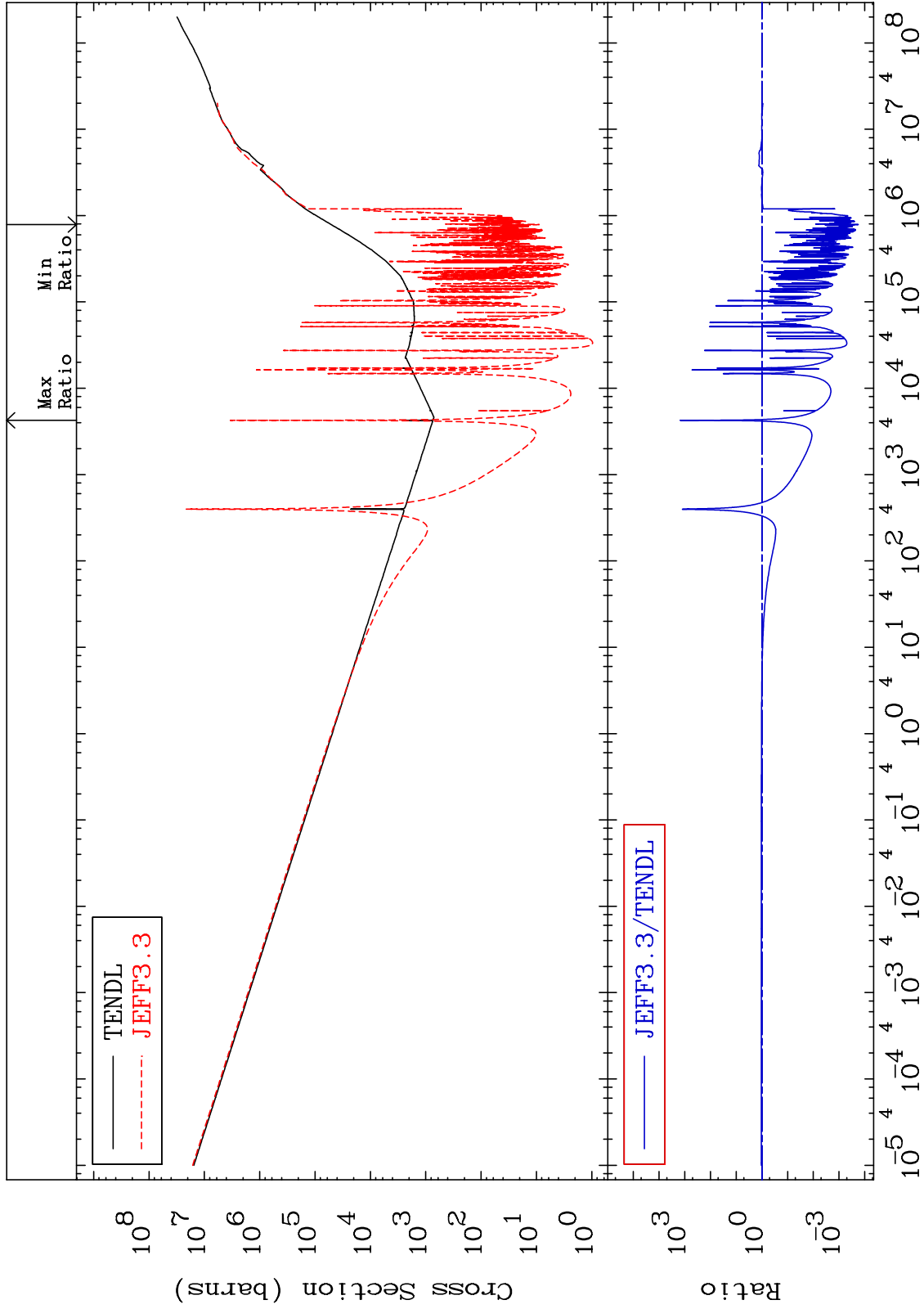
17-Cl-35
-87.33 To 683.5 %



MAT 1725

Kerma non-elastic (all but mt2)
Cross Section

17-Cl-35
-99.98 To 9999. %



48

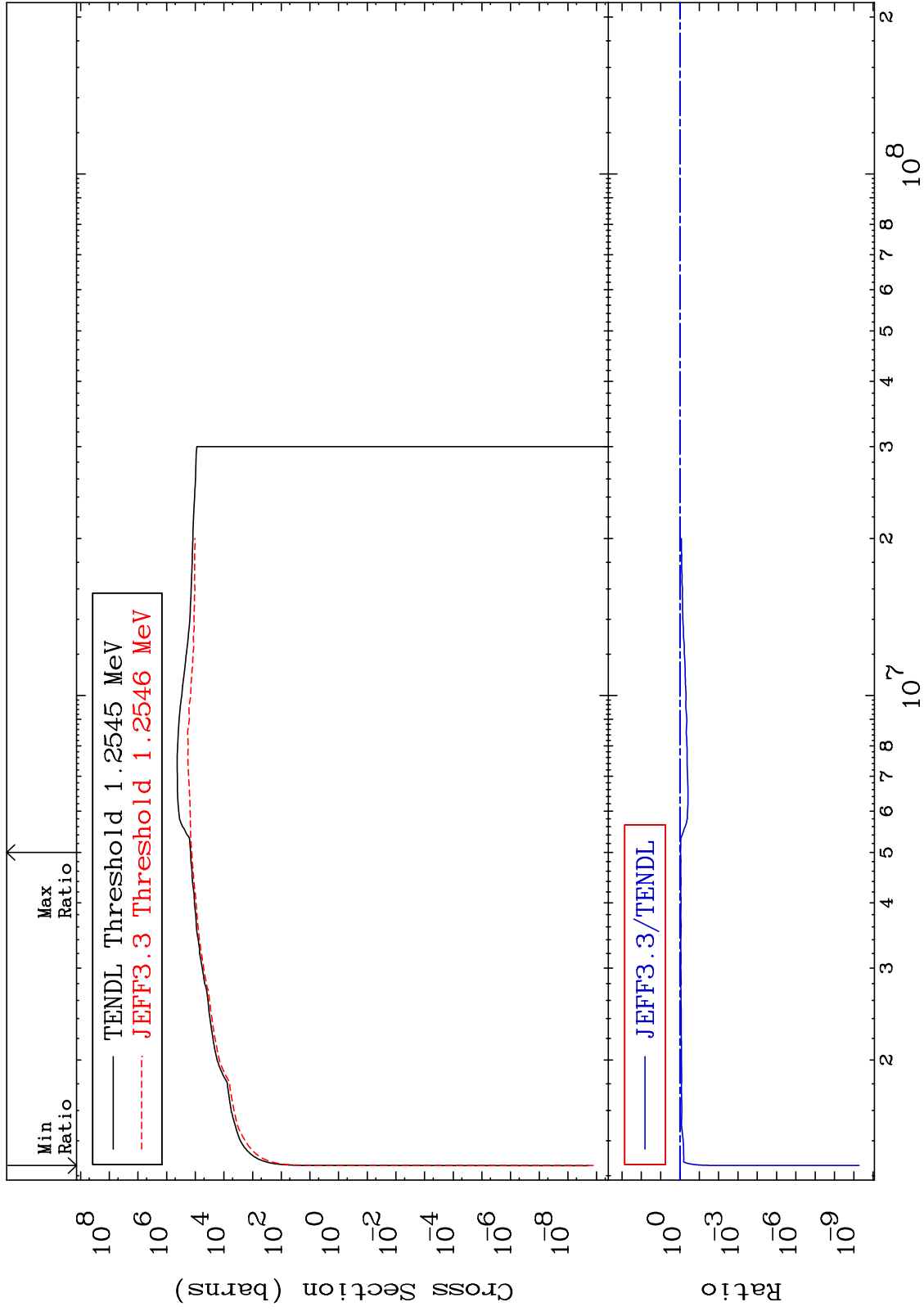
Incident Energy (eV)

17-Cl-35

MAT 1725

Kerma inelastic (mt51-91)
Cross Section

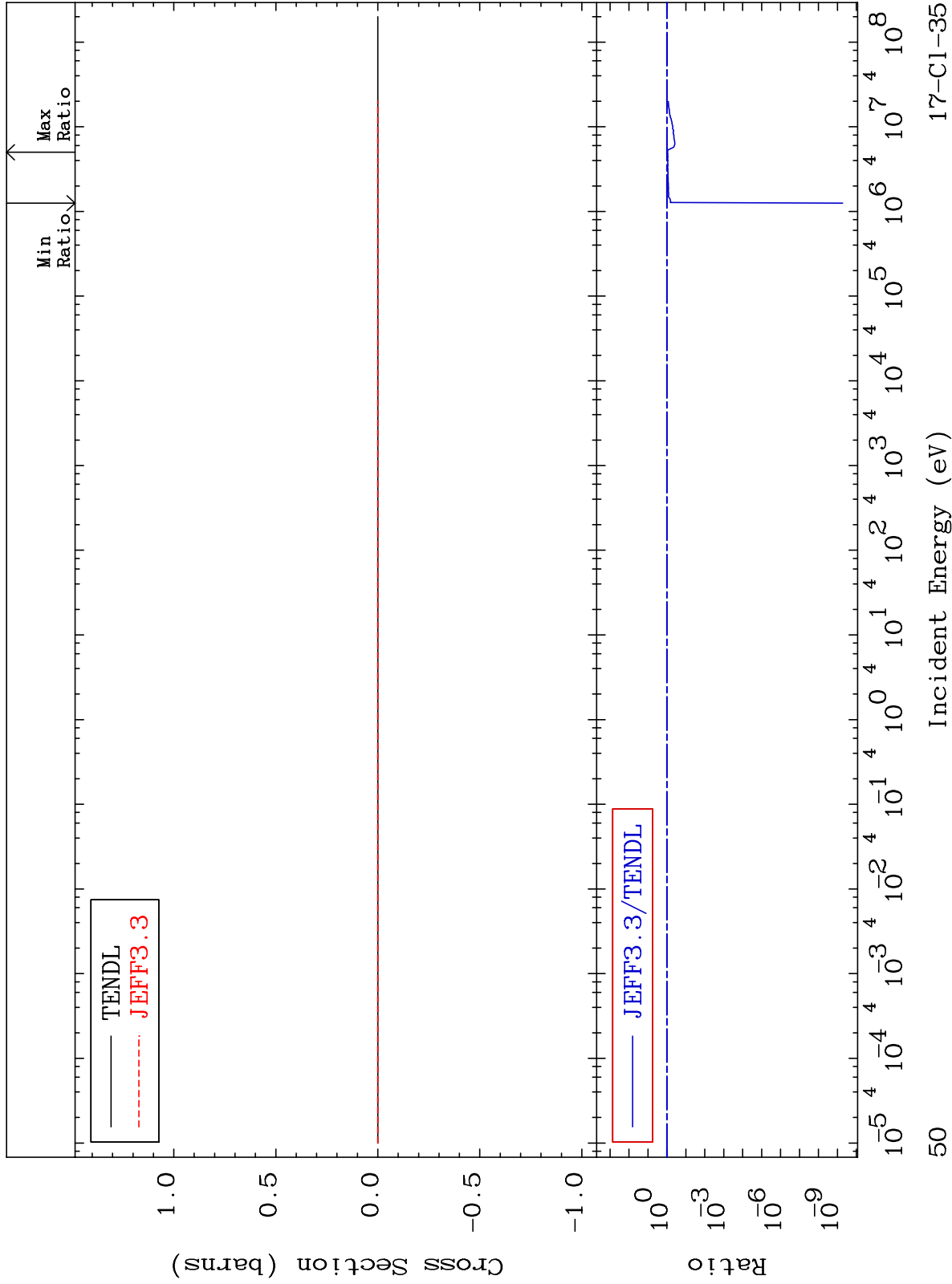
17-Cl-35
-100.0 To -7.730%



MAT 1725

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

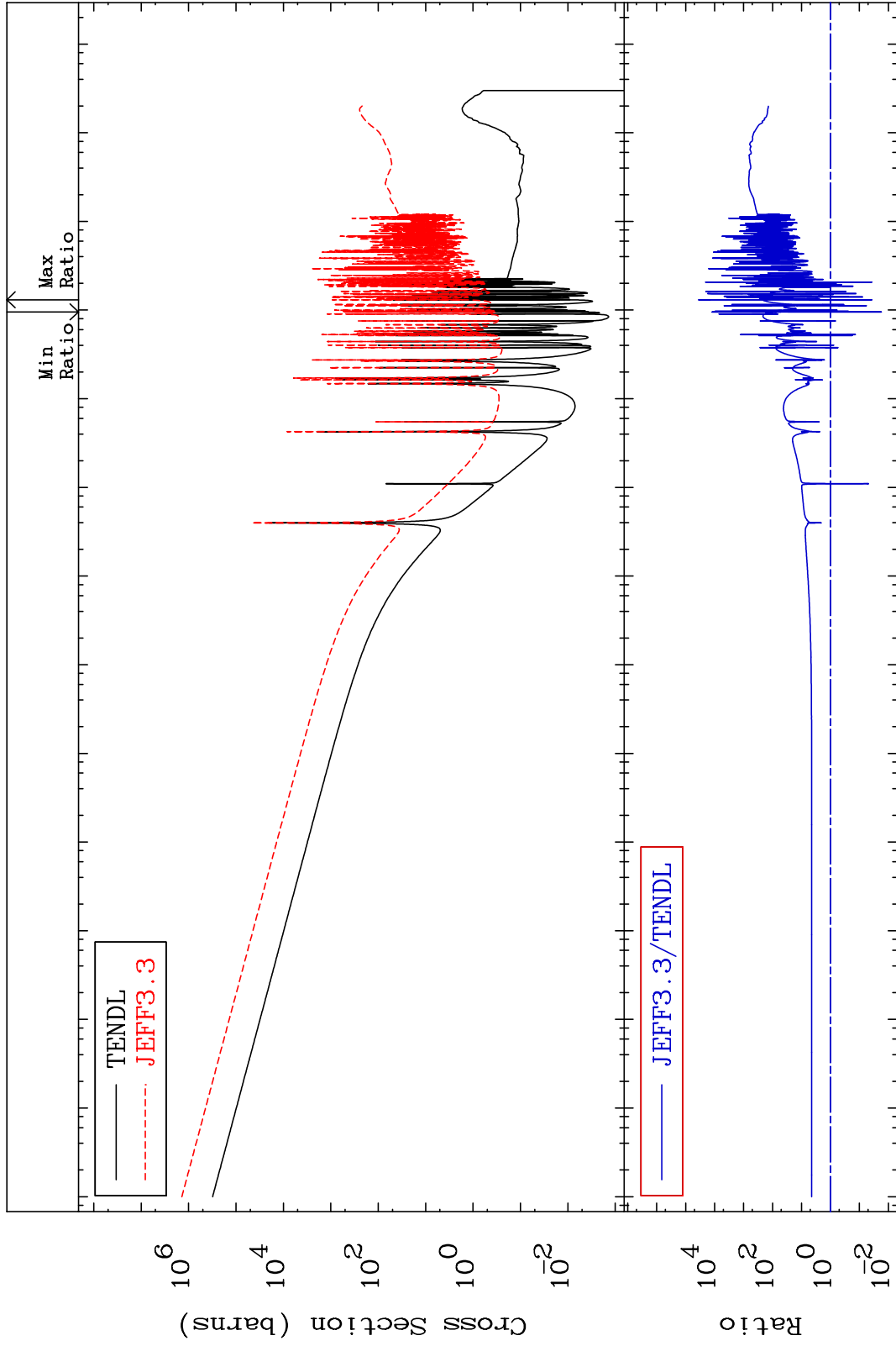
17-CI-35
-100.0 To -7.730%



MAT 1725

Kerma capture (mt102)
Cross Section

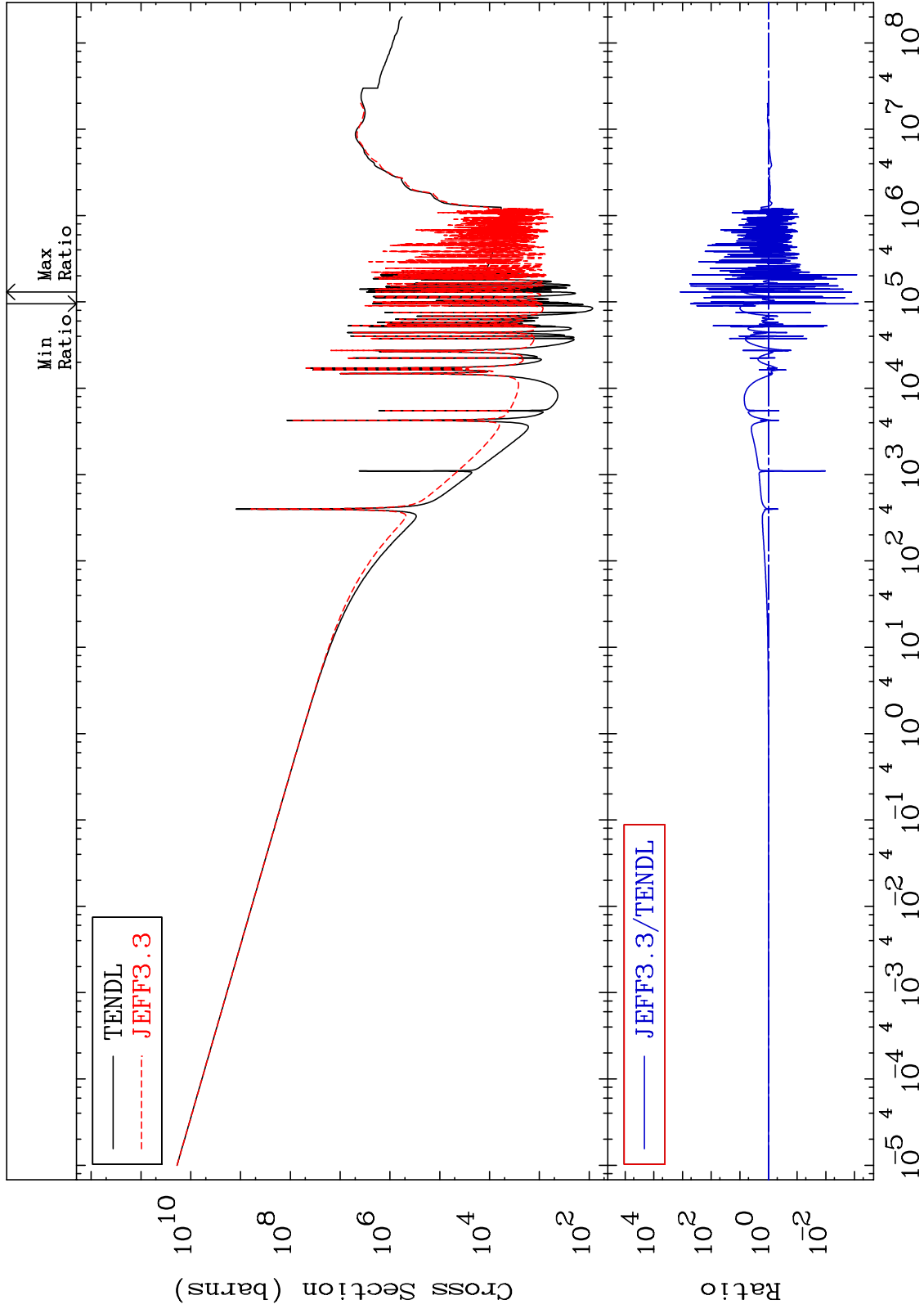
17-Cl-35
-98.28 To 9999. %



MAT 1725

Total photon (eV-barns)
Cross Section

17-Cl-35
-99.93 To 9999. %



52

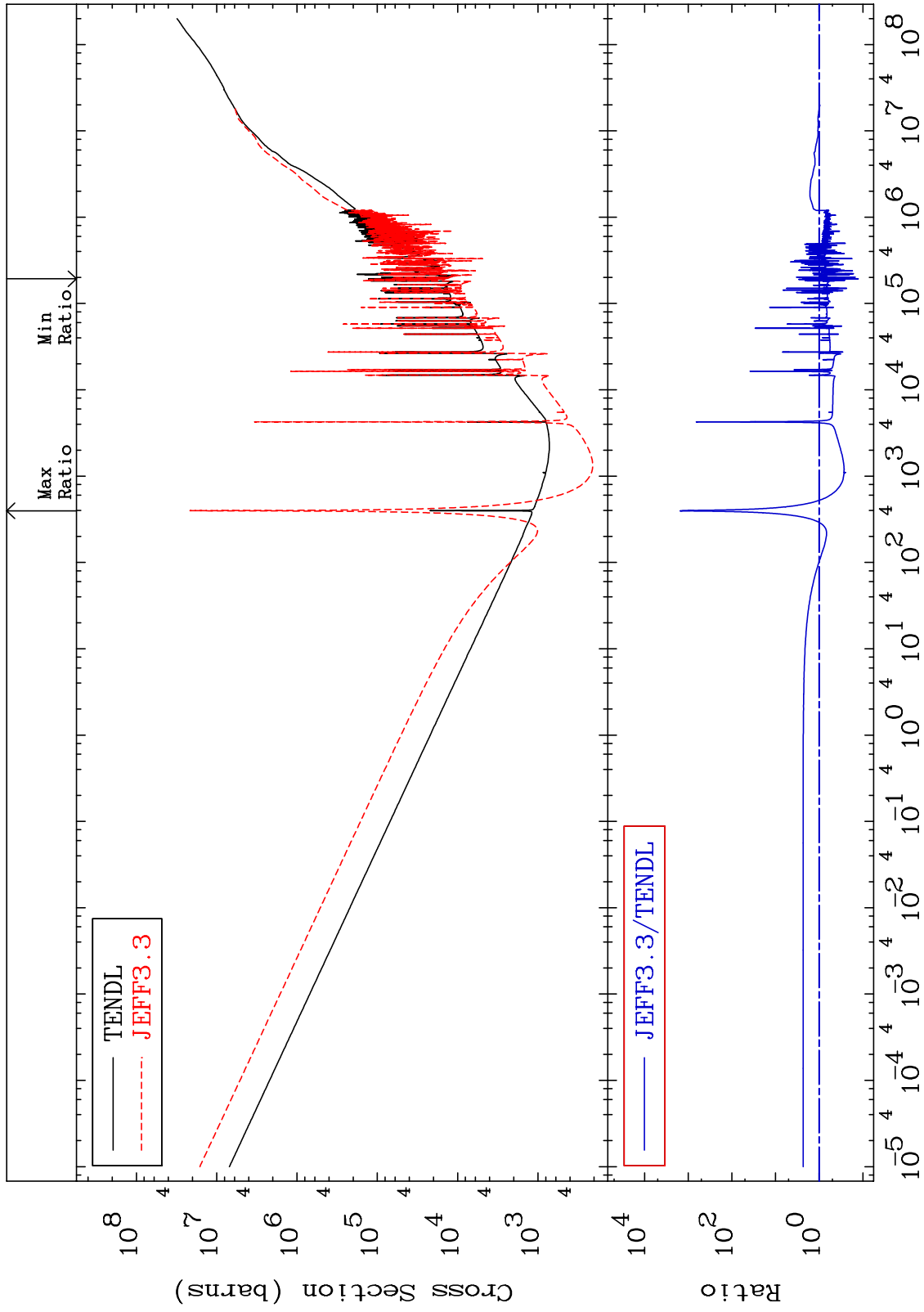
Incident Energy (eV)

17-Cl-35

MAT 1725

Total kinematic kerma (high limit)
Cross Section

17-Cl-35
-87.37 To 9999. %



53

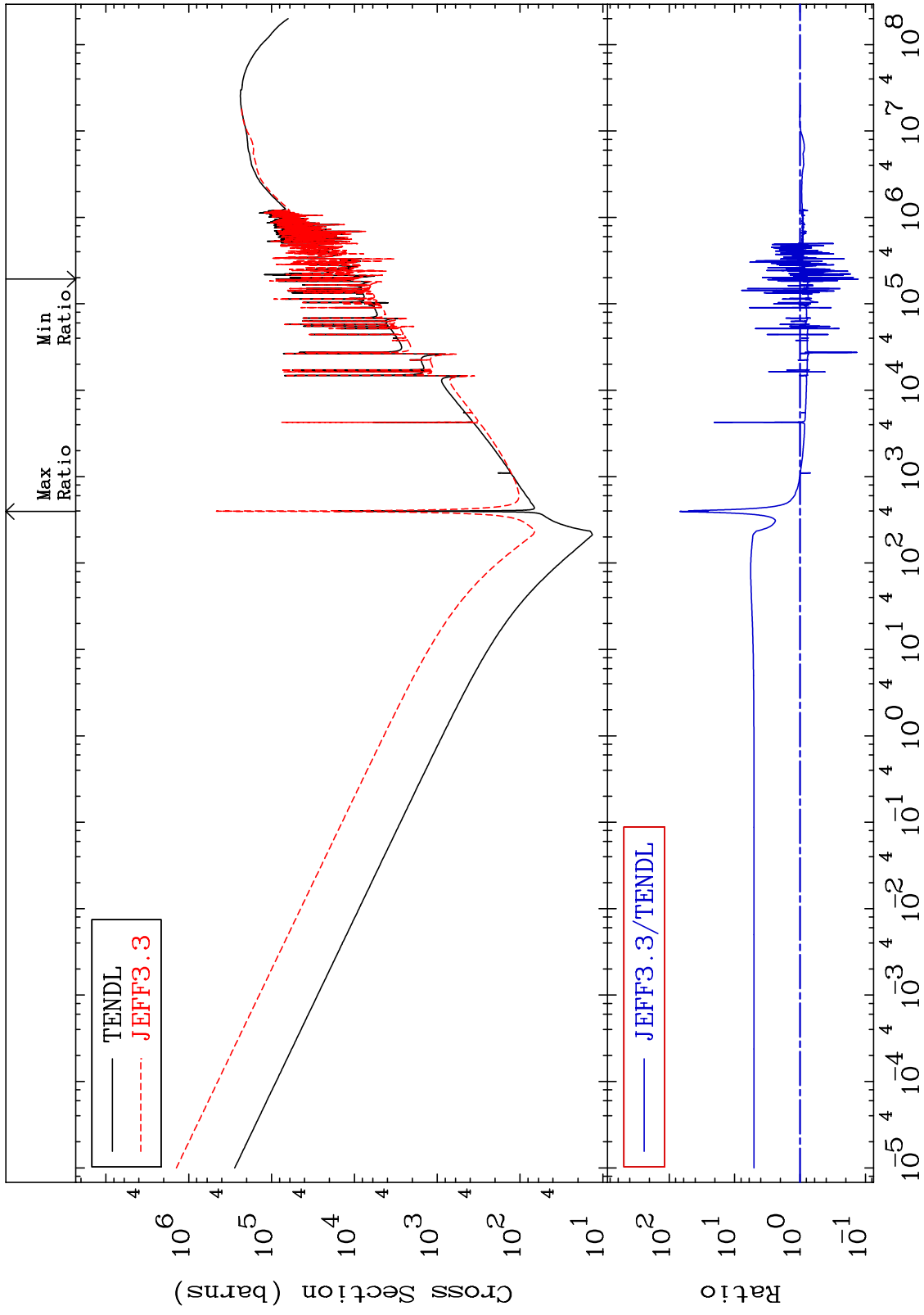
Incident Energy (eV)

17-Cl-35

MAT 1725

Dpa total (eV-barns)
Cross Section

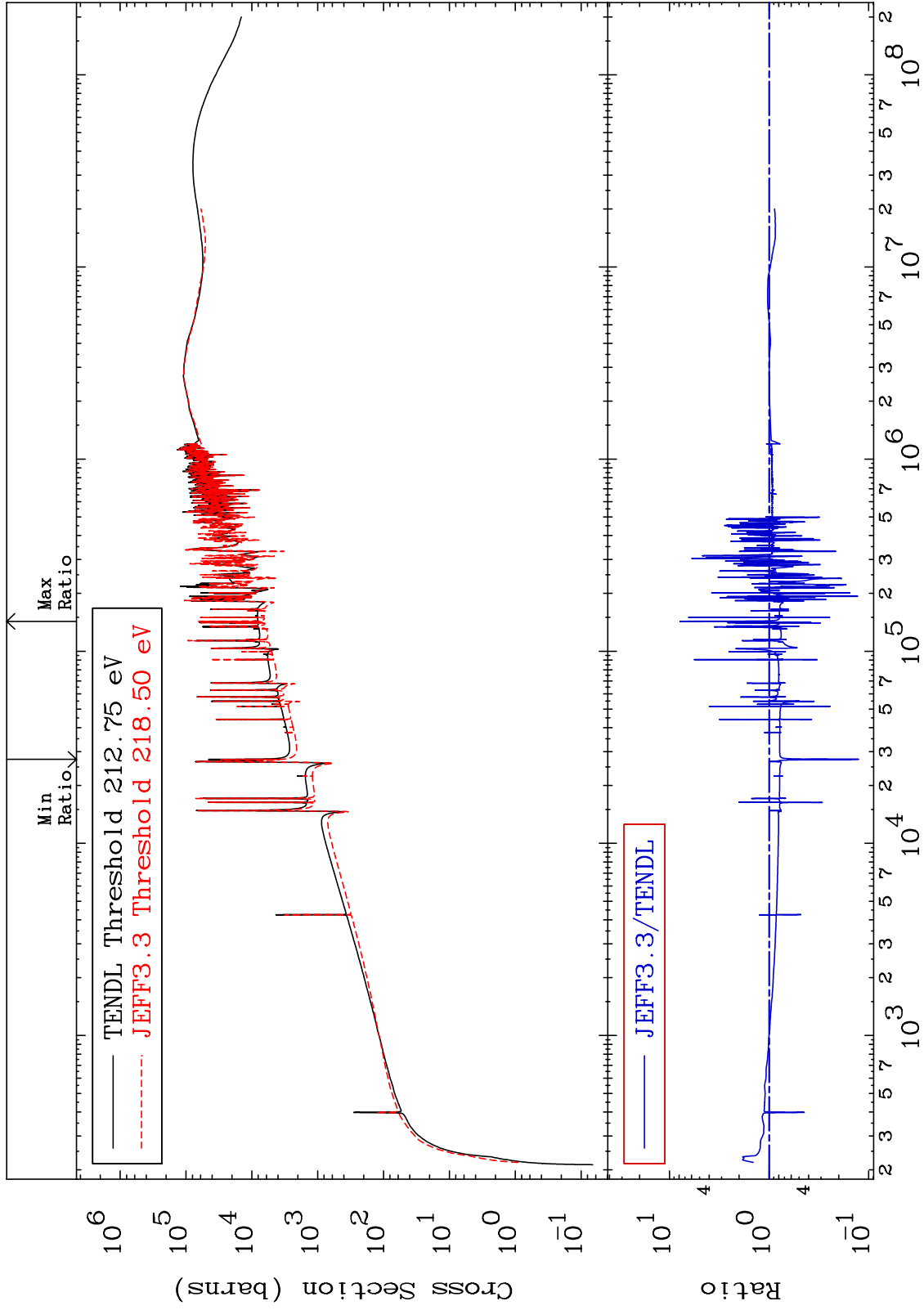
17-Cl-35
-87.13 To 6783. %



MAT 1725

Dpa elastic (mt2)
Cross Section

17-Cl-35
-87.32 To 684.5 %



55

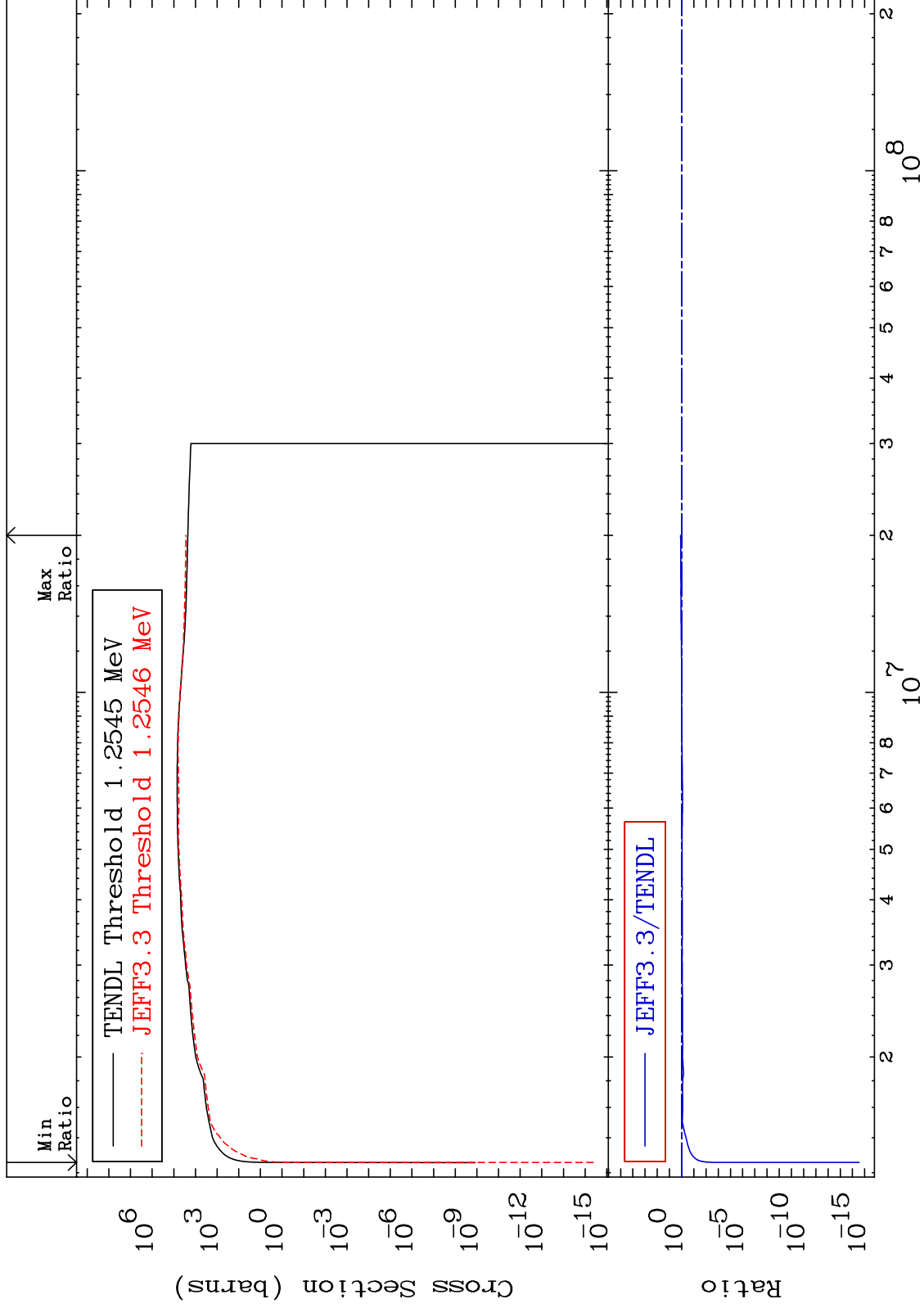
Incident Energy (eV)

17-Cl-35

MAT 1725

Dpa inelastic (mt51-91)
Cross Section

17-Cl-35
-100.0 To 21.30 %



56

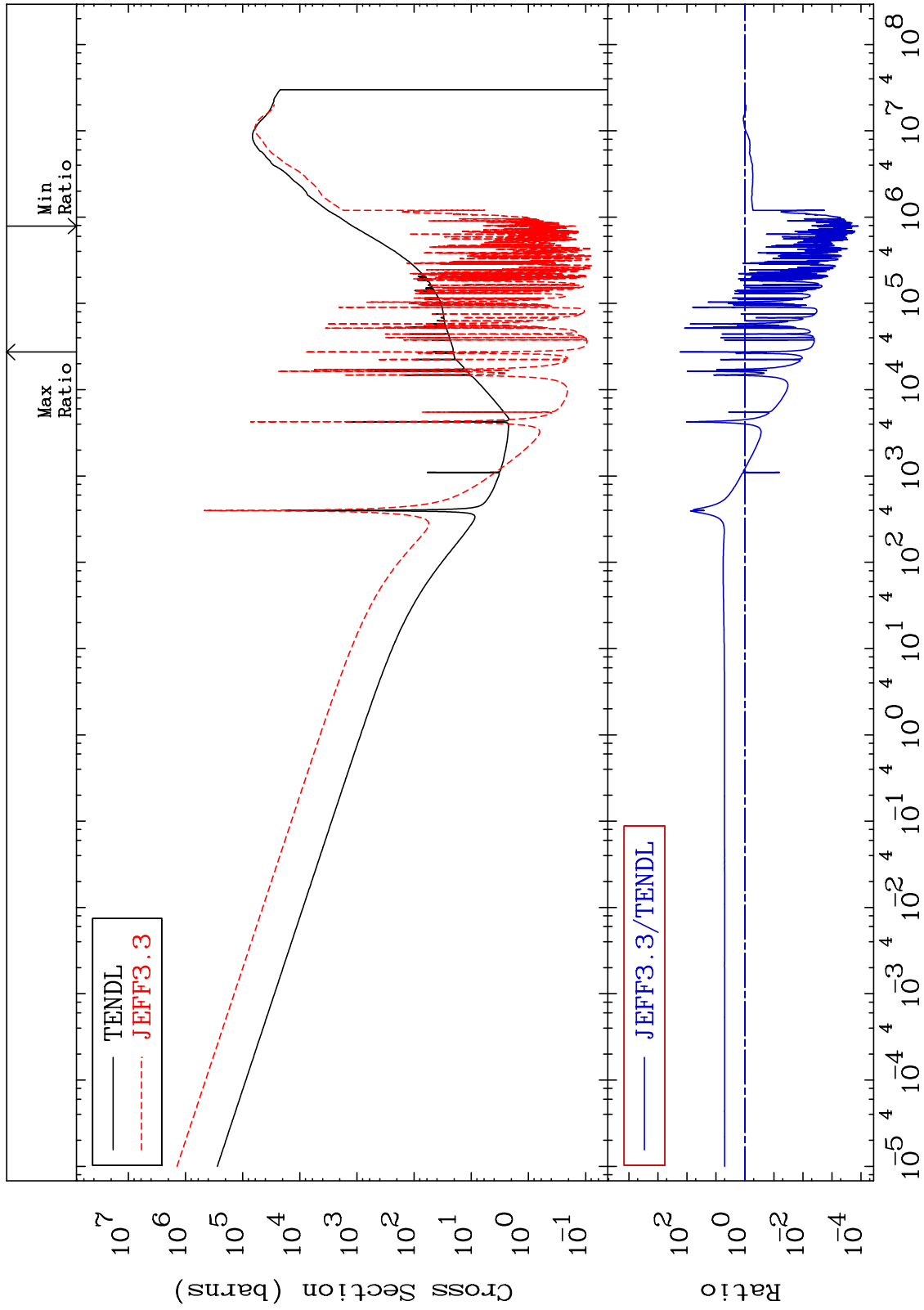
Incident Energy (eV)

17-Cl-35

MAT 1725

Dpa disappearance (mt102 -120)
Cross Section

17-CI-35
-99.99 To 9999. %



57

Incident Energy (eV)

17-CI-35