

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

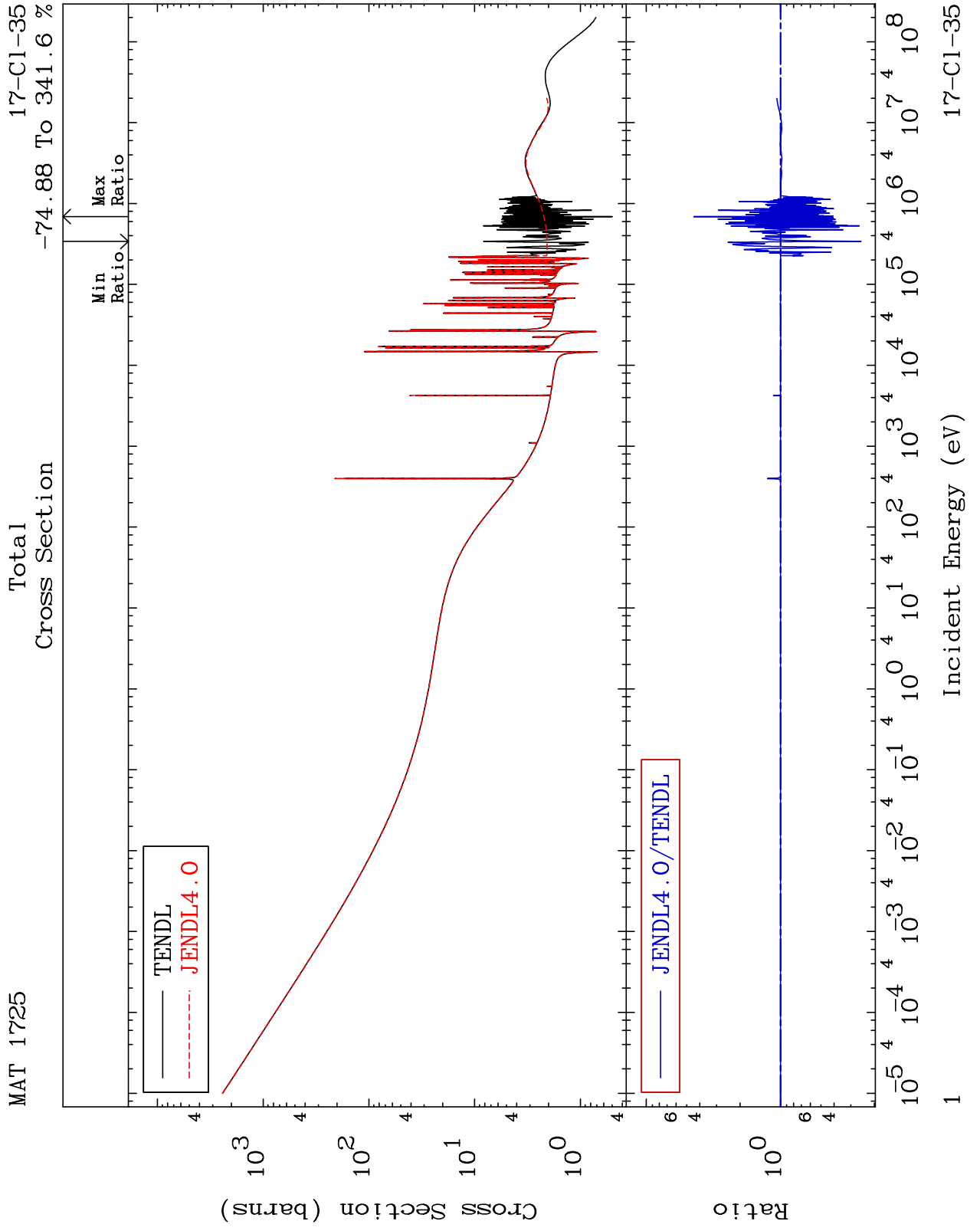
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Web:redcullen1.net/HOMEPAGE.NEW

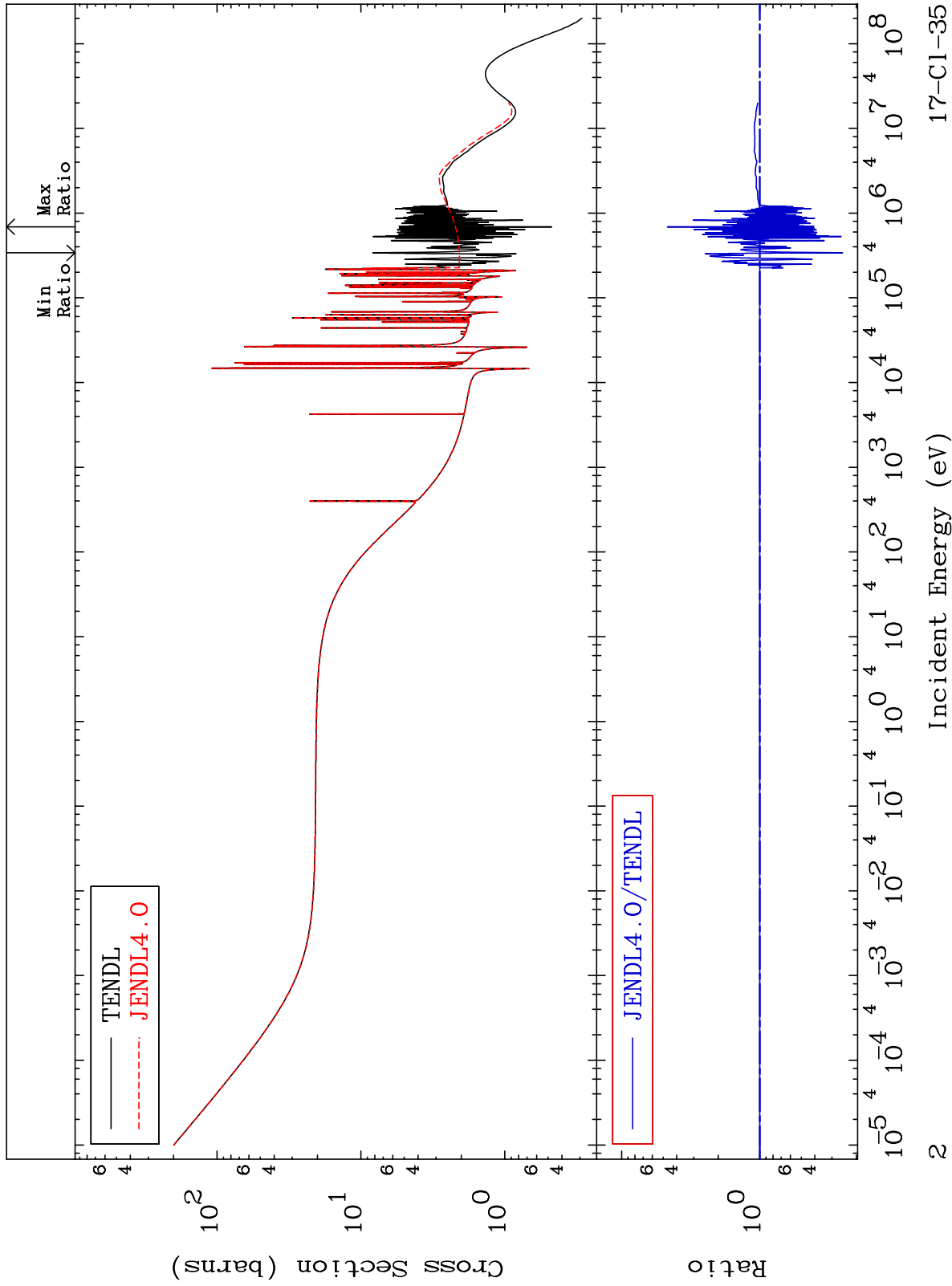
Press Mouse Button to Start

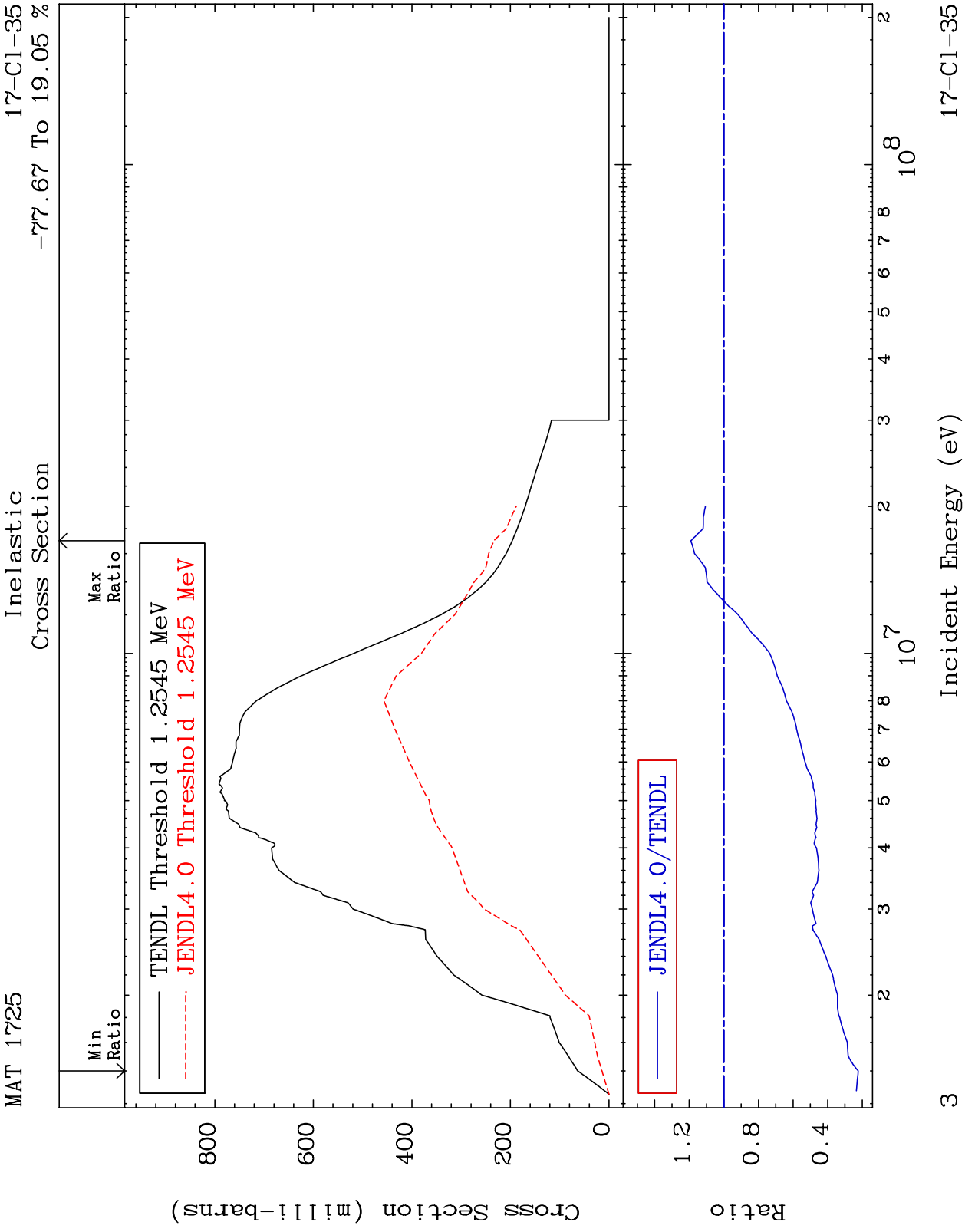


MAT 1725

Elastic
Cross Section

17-Cl-35
-74.90 To 365.1 %





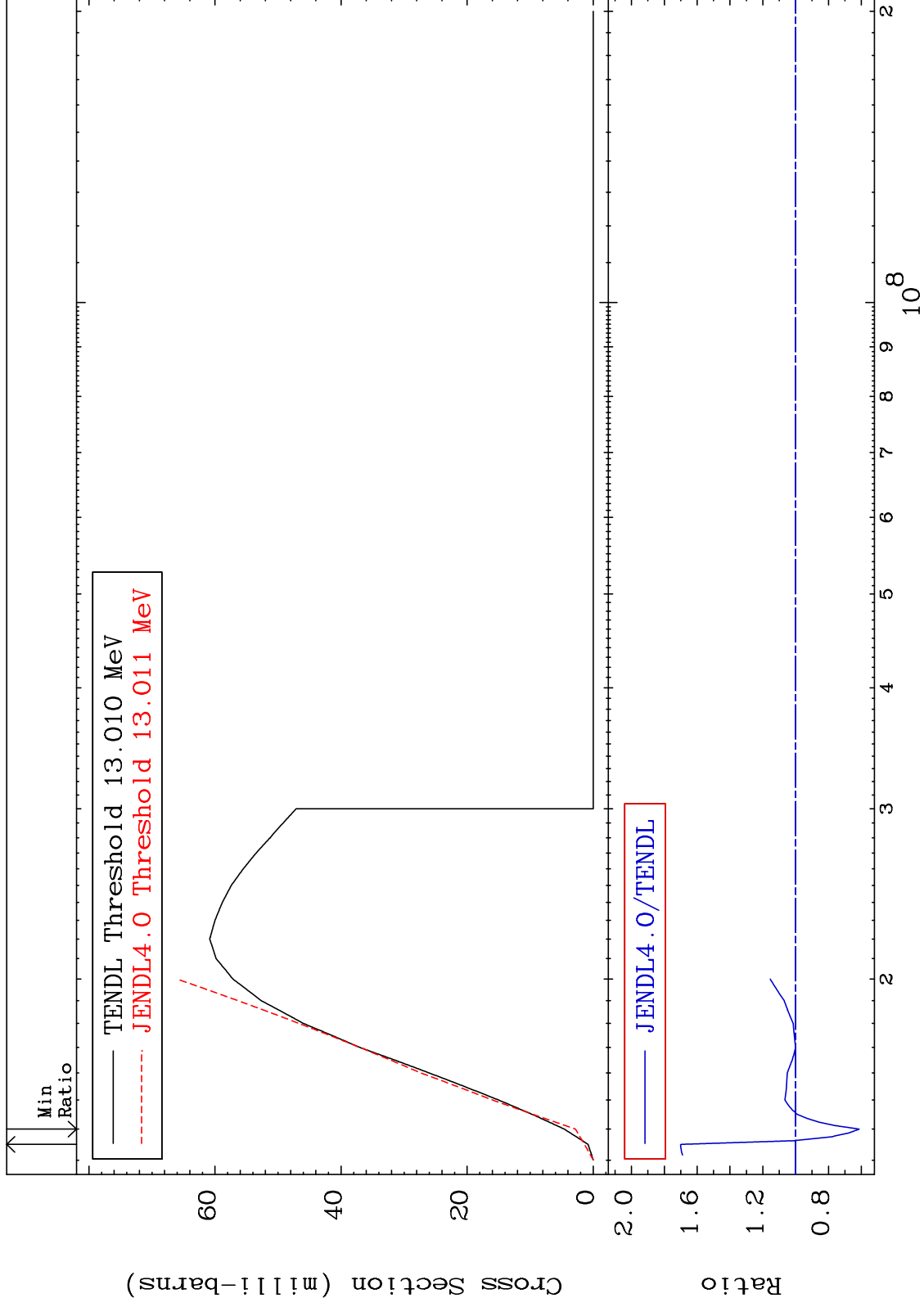
MAT 1725

(n,2n)

17-Cl-35

Cross Section

-38.71 To 70.05 %



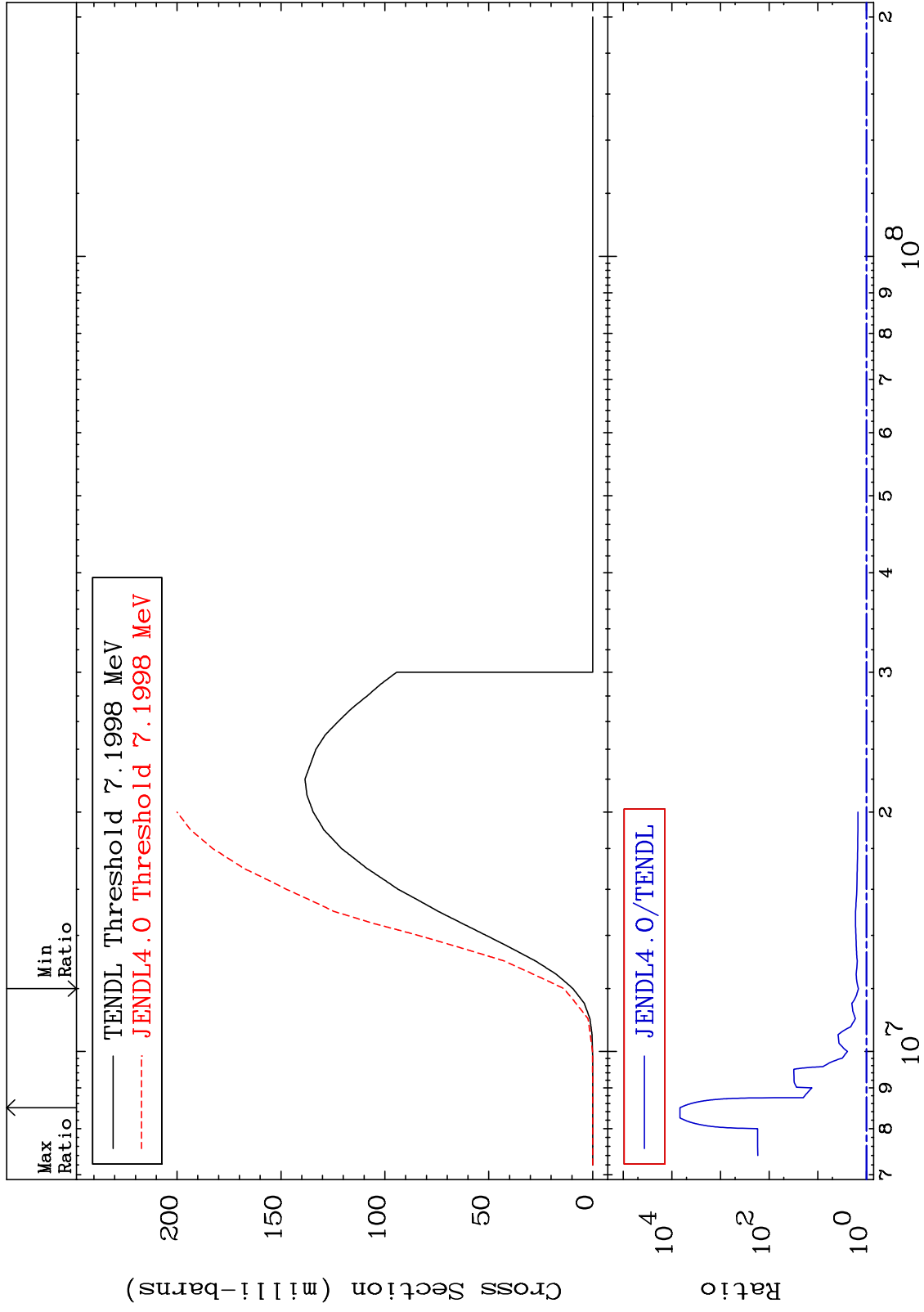
MAT 1725

(n,n') α

17-Cl-35

Cross Section

45.88 To 9999. %



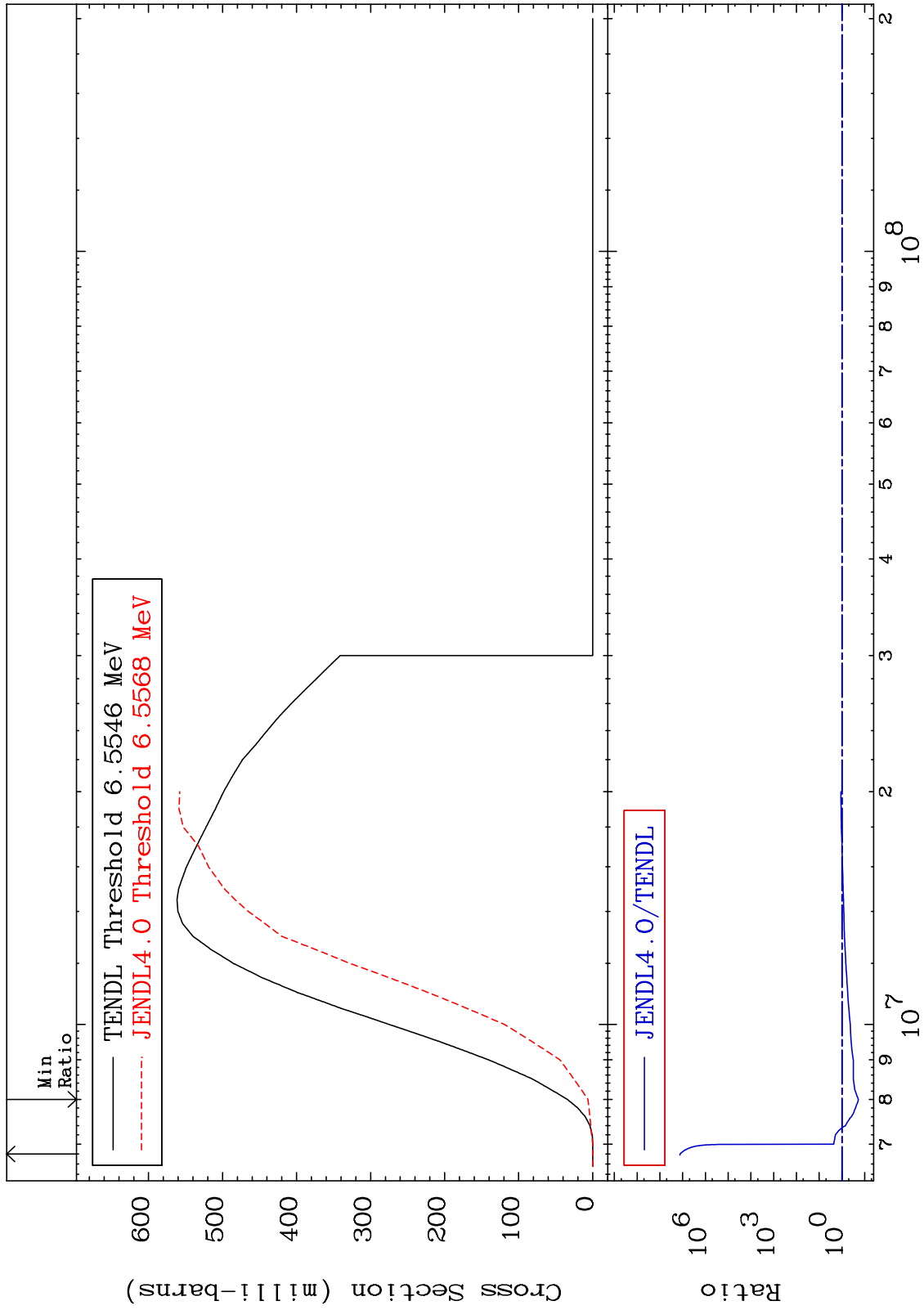
17-Cl-35

5

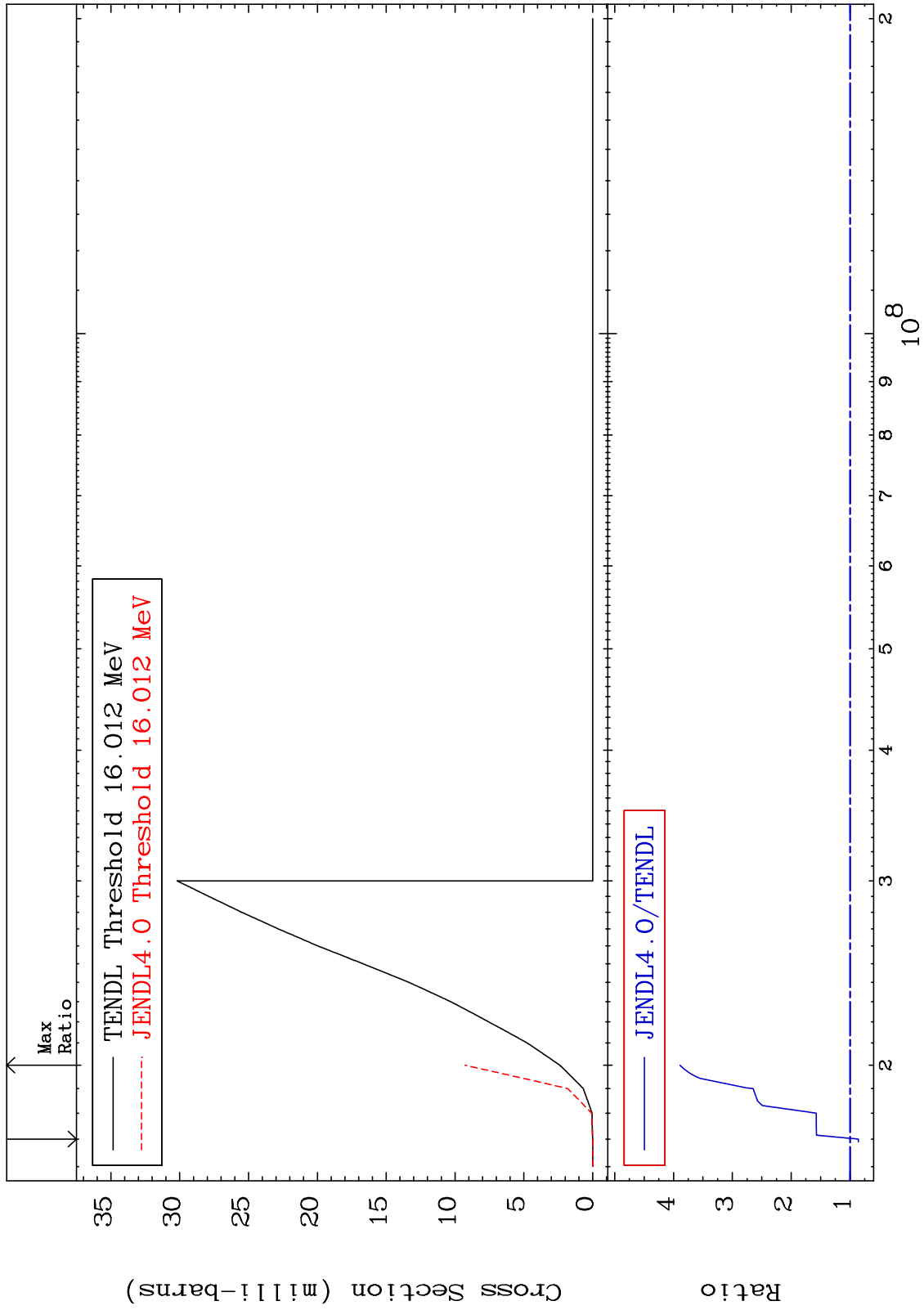
MAT 1725

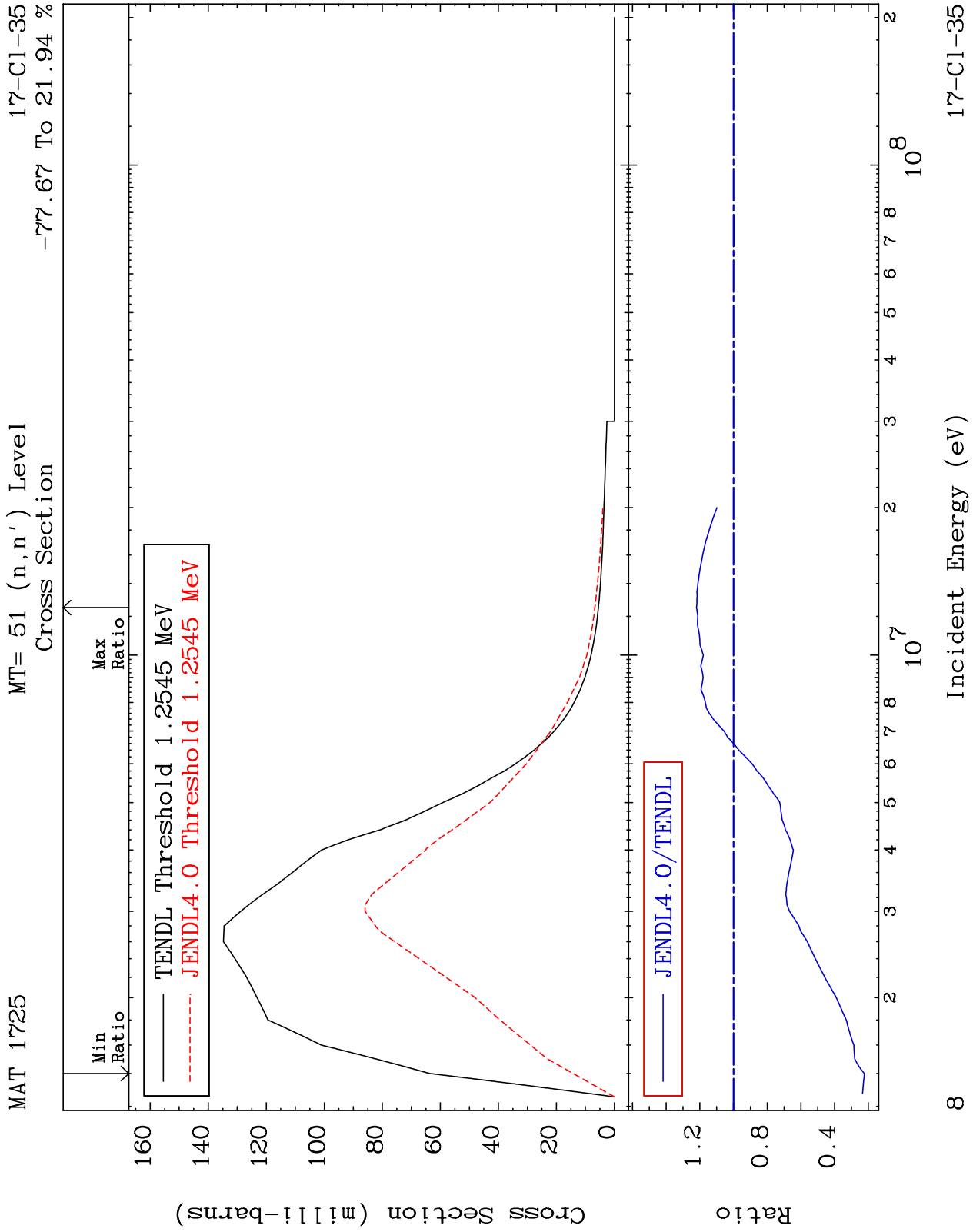
(n,n') p
Cross Section

17-Cl-35
-81.11 To 9999. %

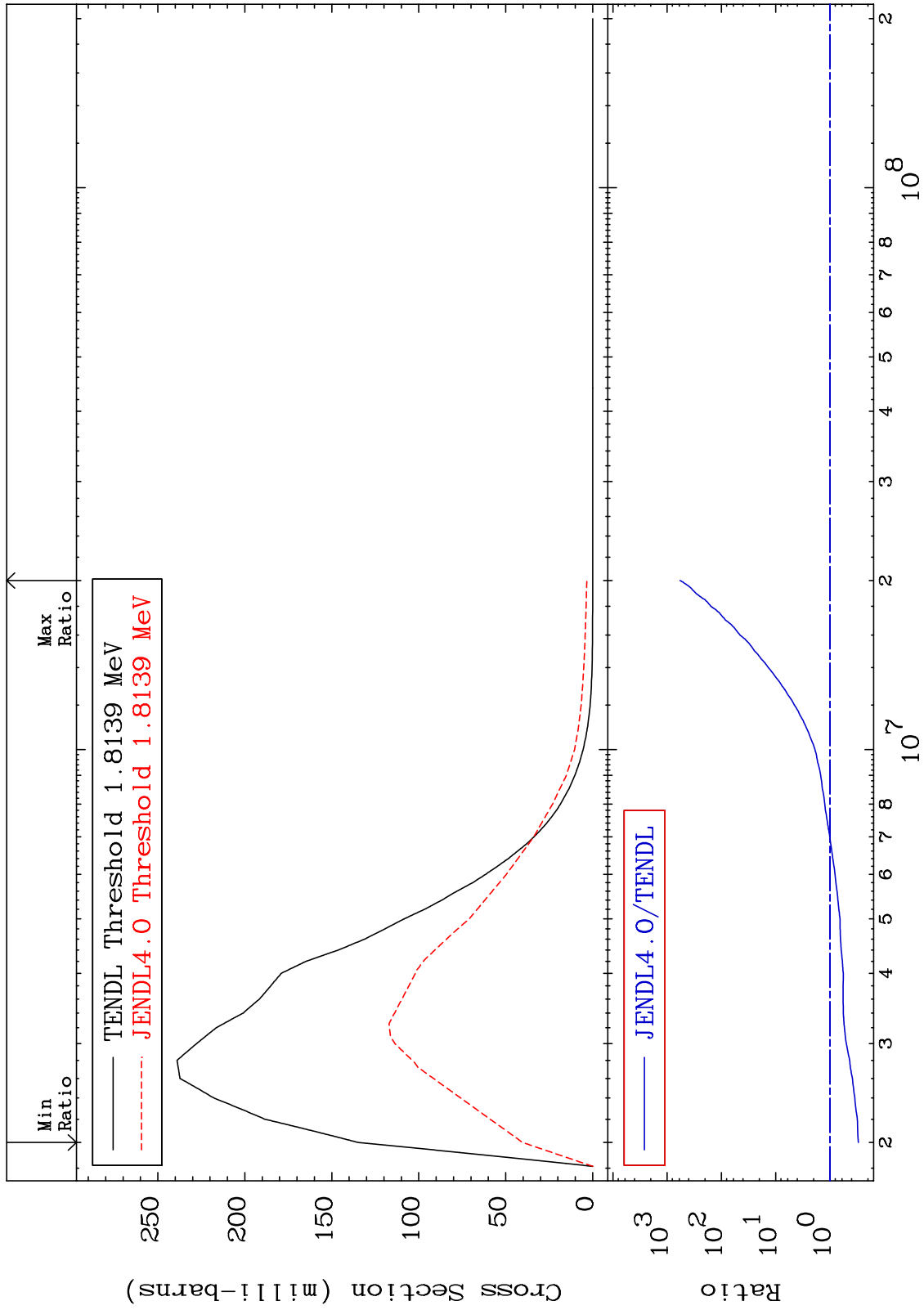


MAT 1725 (n,n') d 17-Cl-35
 Cross Section -14.25 To 289.0 %

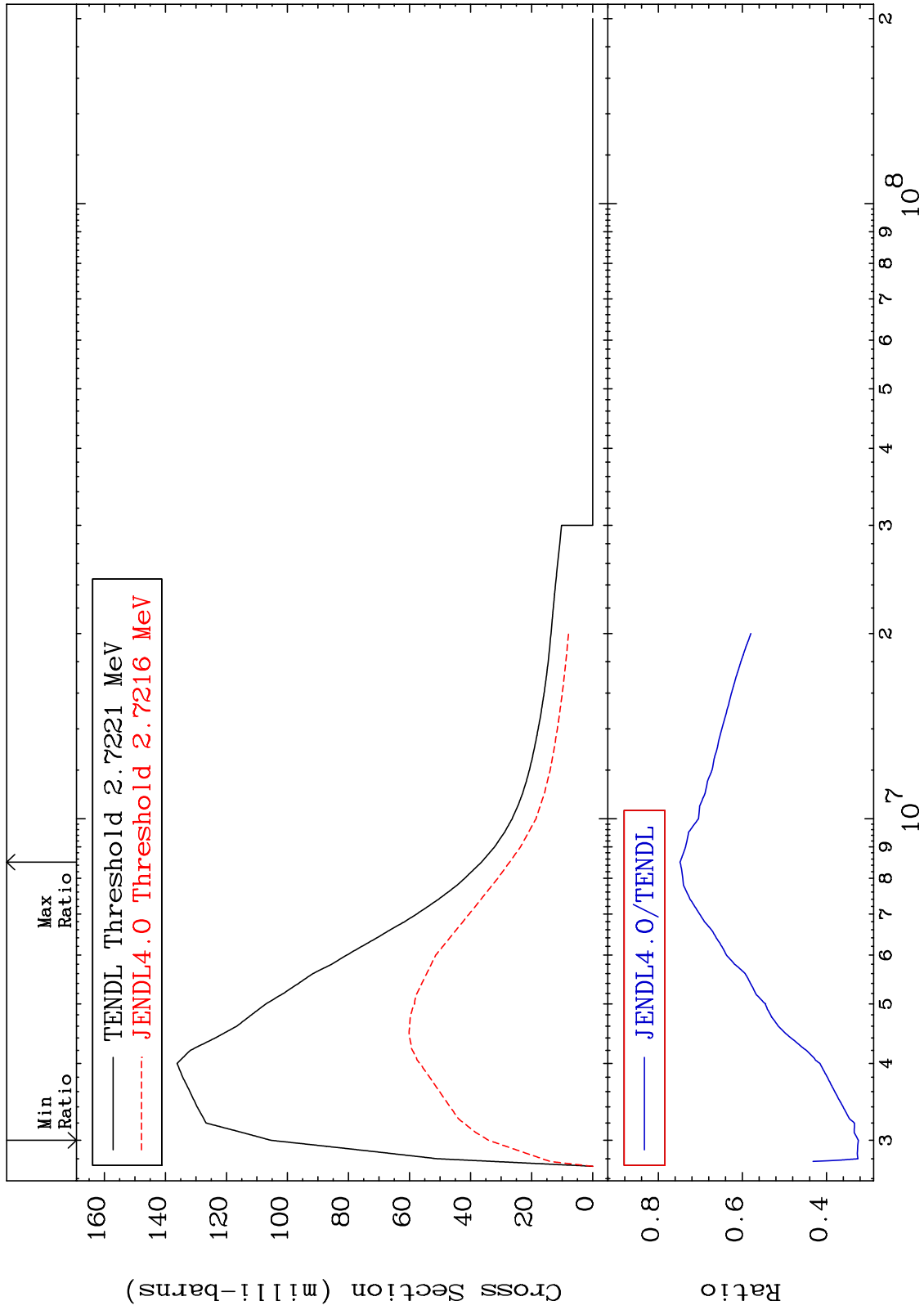




MAT 1725 MT= 52 (n,n') Level Cross Section 17-Cl-35
 -70.09 To 9999. %

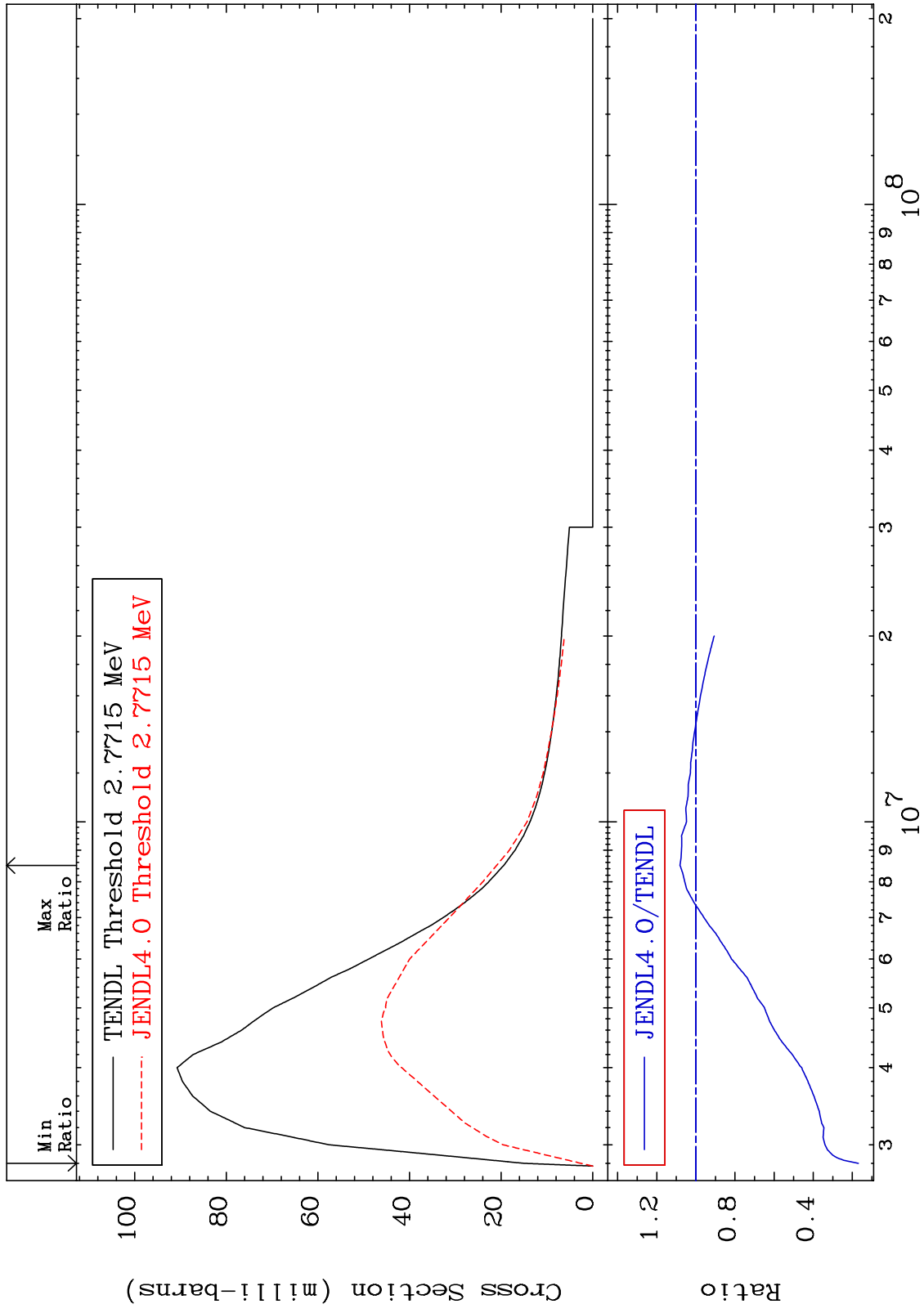


MAT 1725 MT= 53 (n,n') Level Cross Section 17-Cl-35
-67.61 To -25.16%

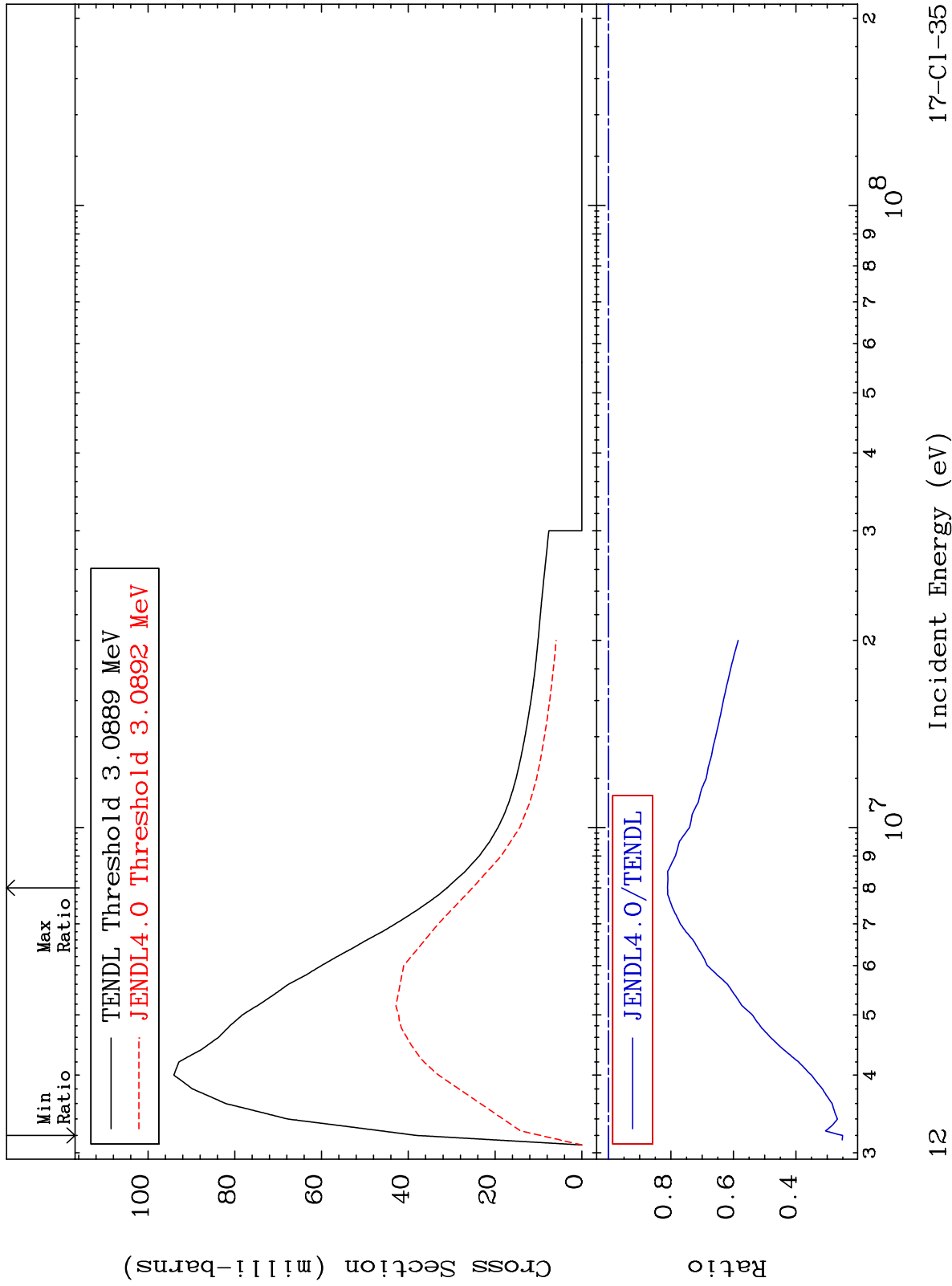


10 Incident Energy (eV) 17-Cl-35

MAT 1725 MT= 54 (n,n') Level
 Cross Section 17-Cl-35
 -83.10 To 8.113 %



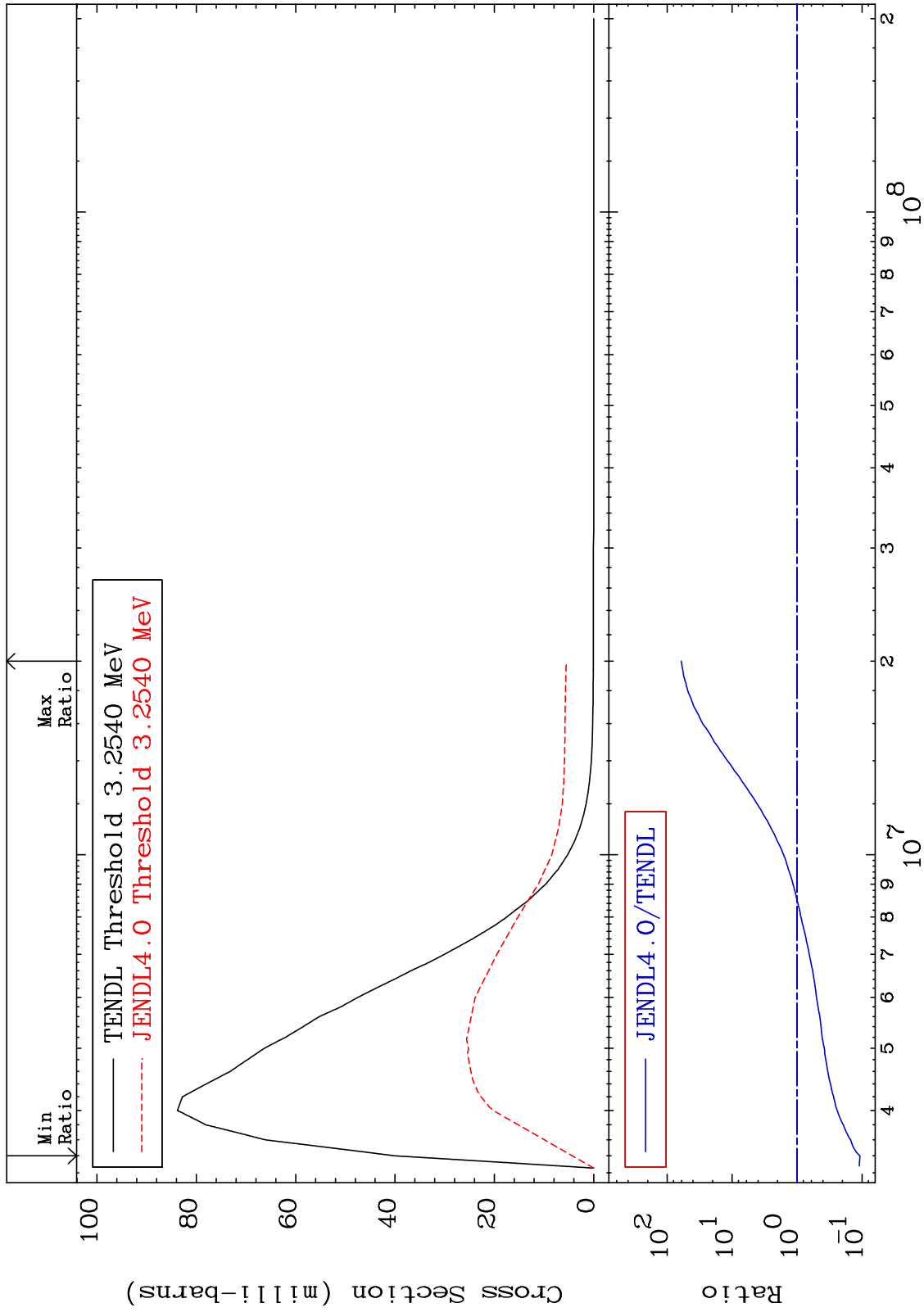
MAT 1725 MT= 55 (n,n') Level Cross Section 17-Cl-35
 -74.91 To -18.91%



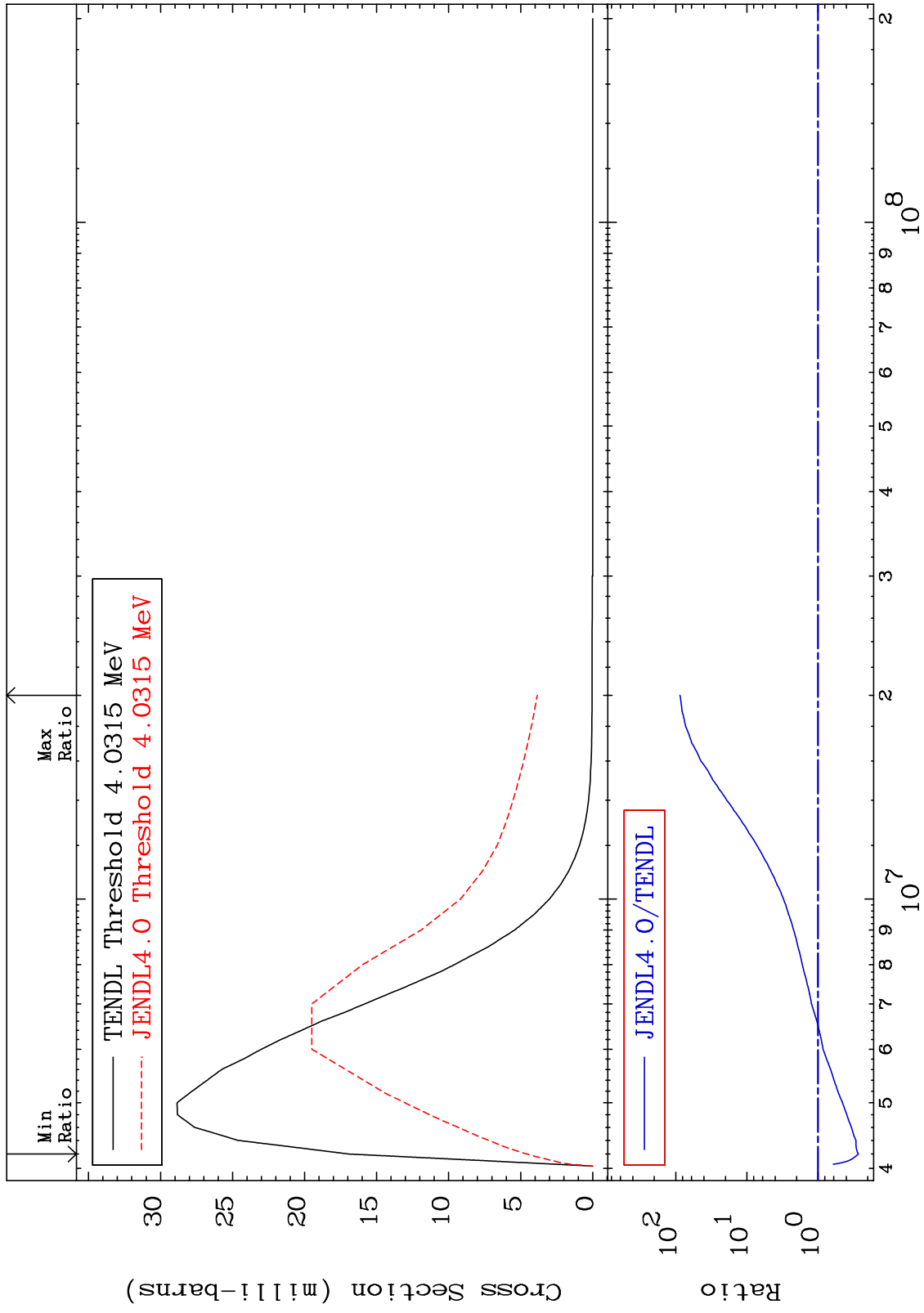
MAT 1725

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

17-CI-35
-89.24 To 5977. %



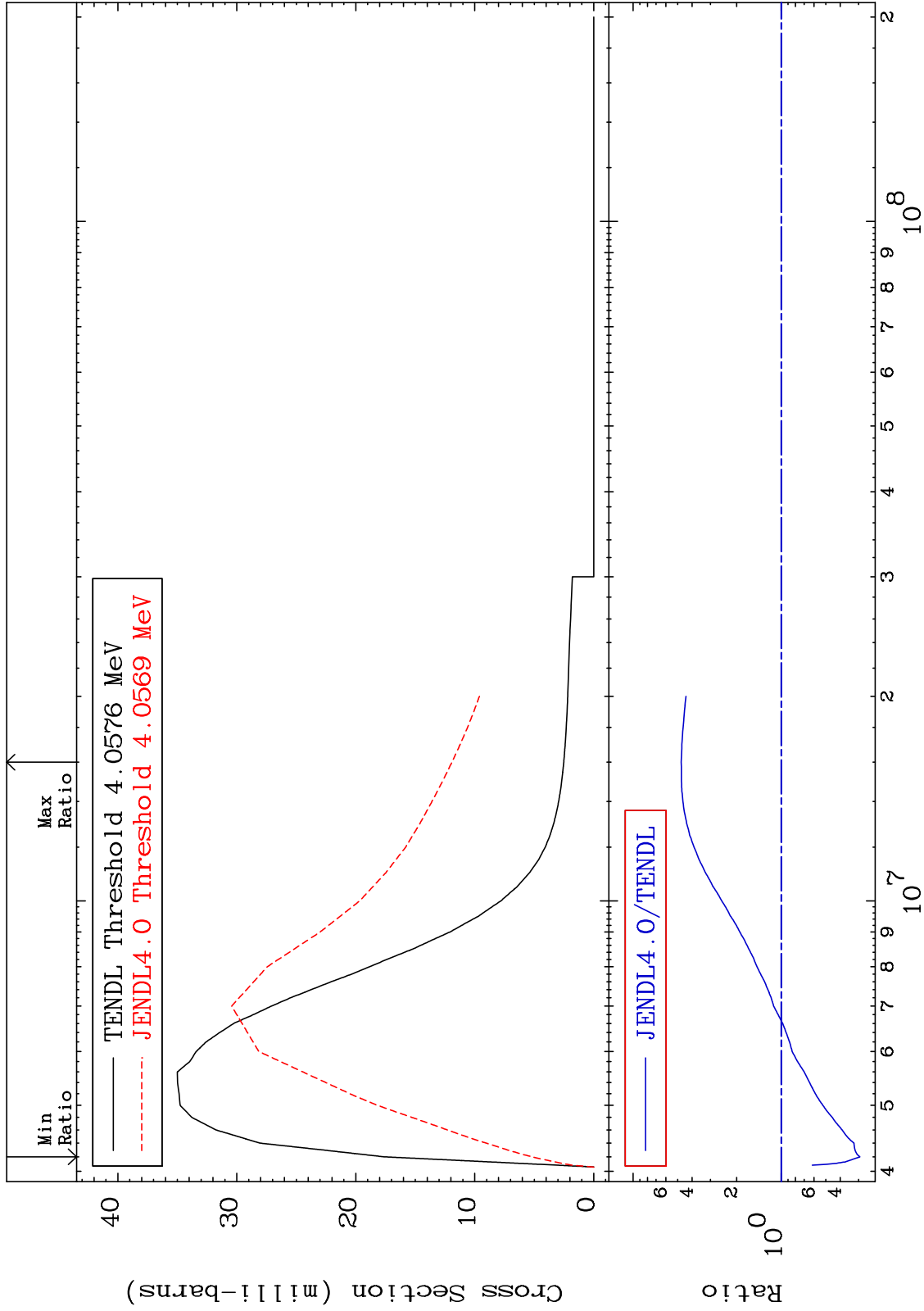
MAT 1725 MT= 57 (n,n') Level Cross Section 17-Cl-35
 -72.98 To 8603. %



MAT 1725

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

17-Cl-35
-70.61 To 373.1 %



15

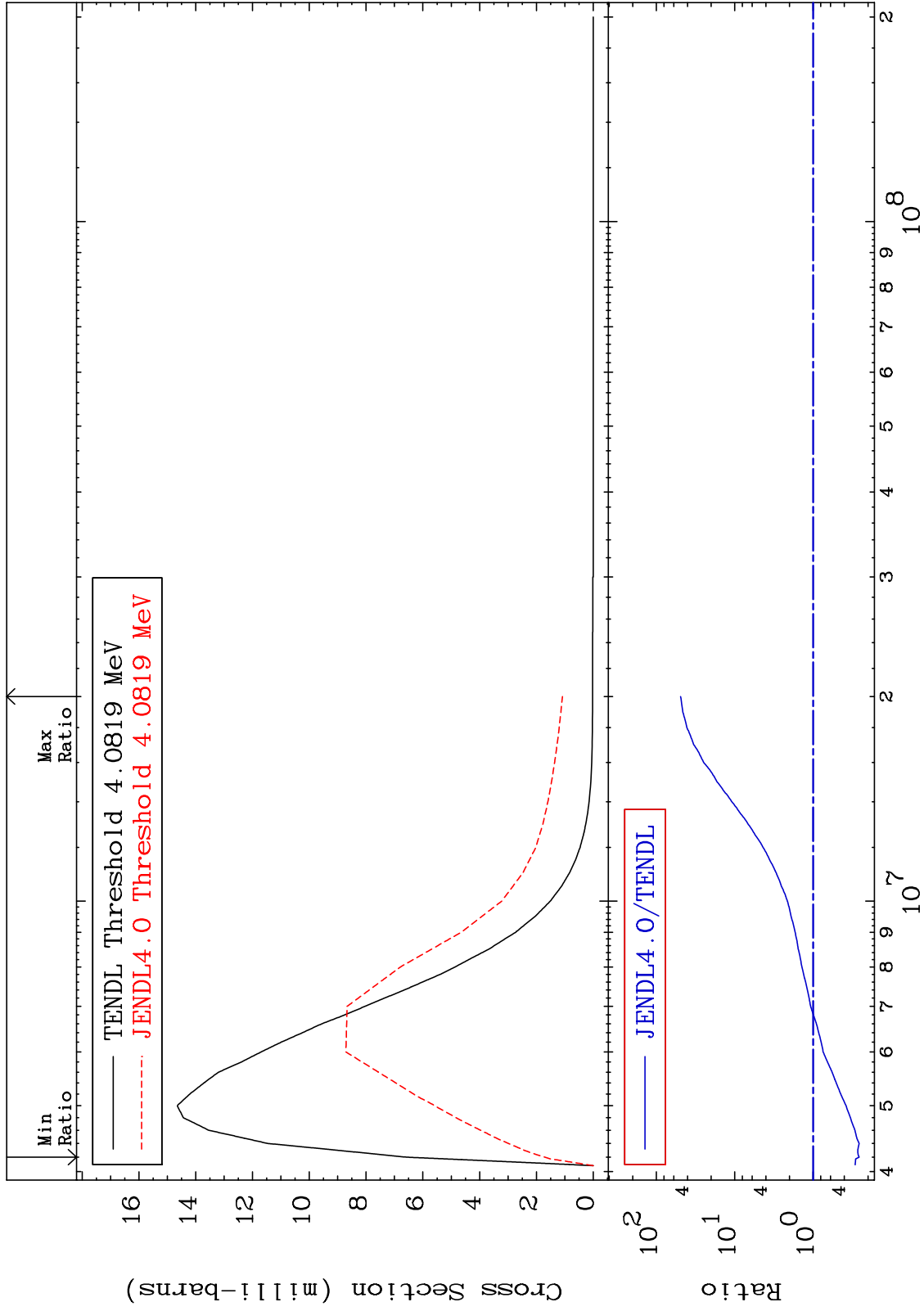
Incident Energy (eV)

17-Cl-35

MAT 1725

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

17-Cl-35
-74.10 To 4804. %



16

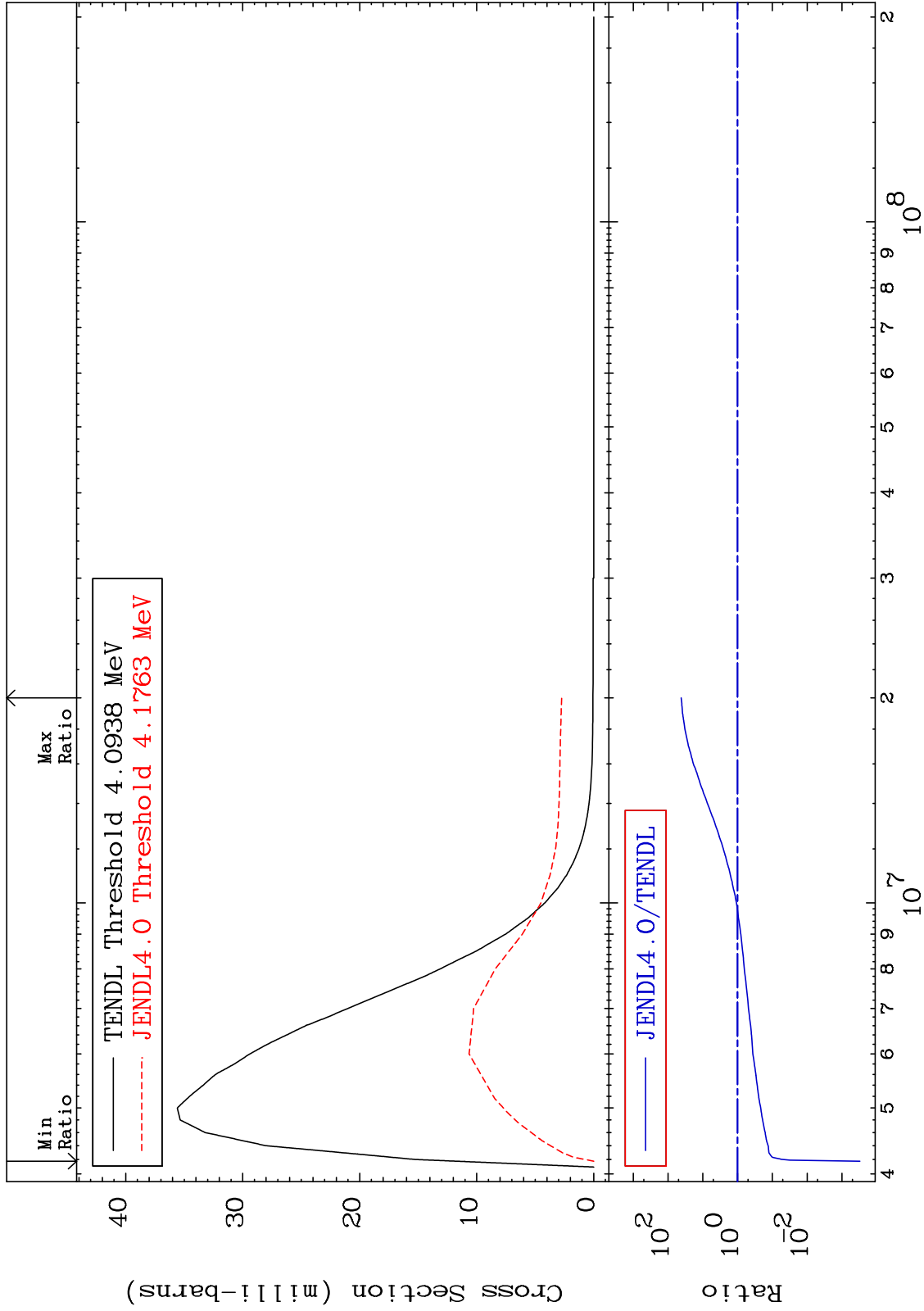
Incident Energy (eV)

17-Cl-35

MAT 1725

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

17-Cl-35
-99.97 To 4066. %

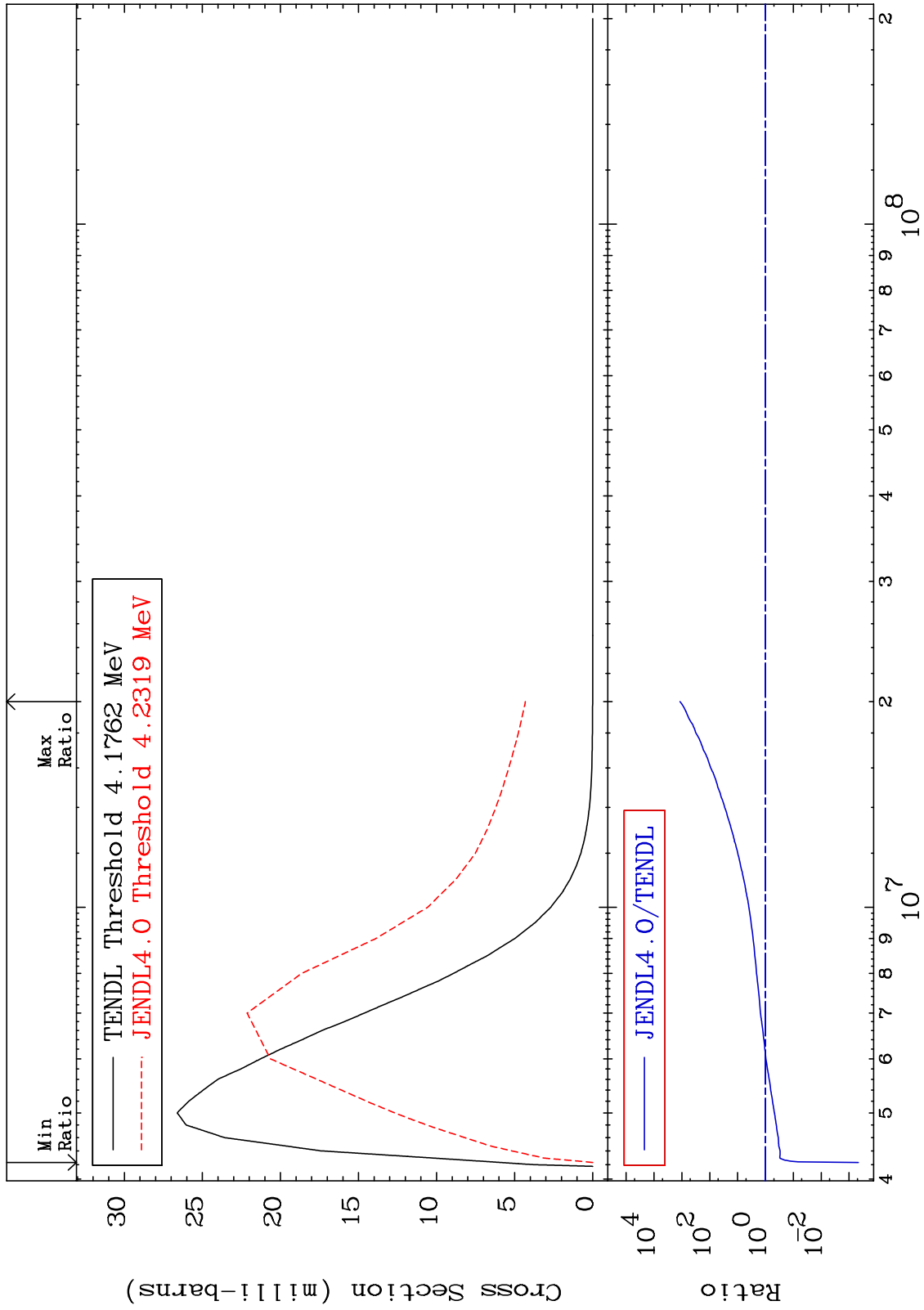


17

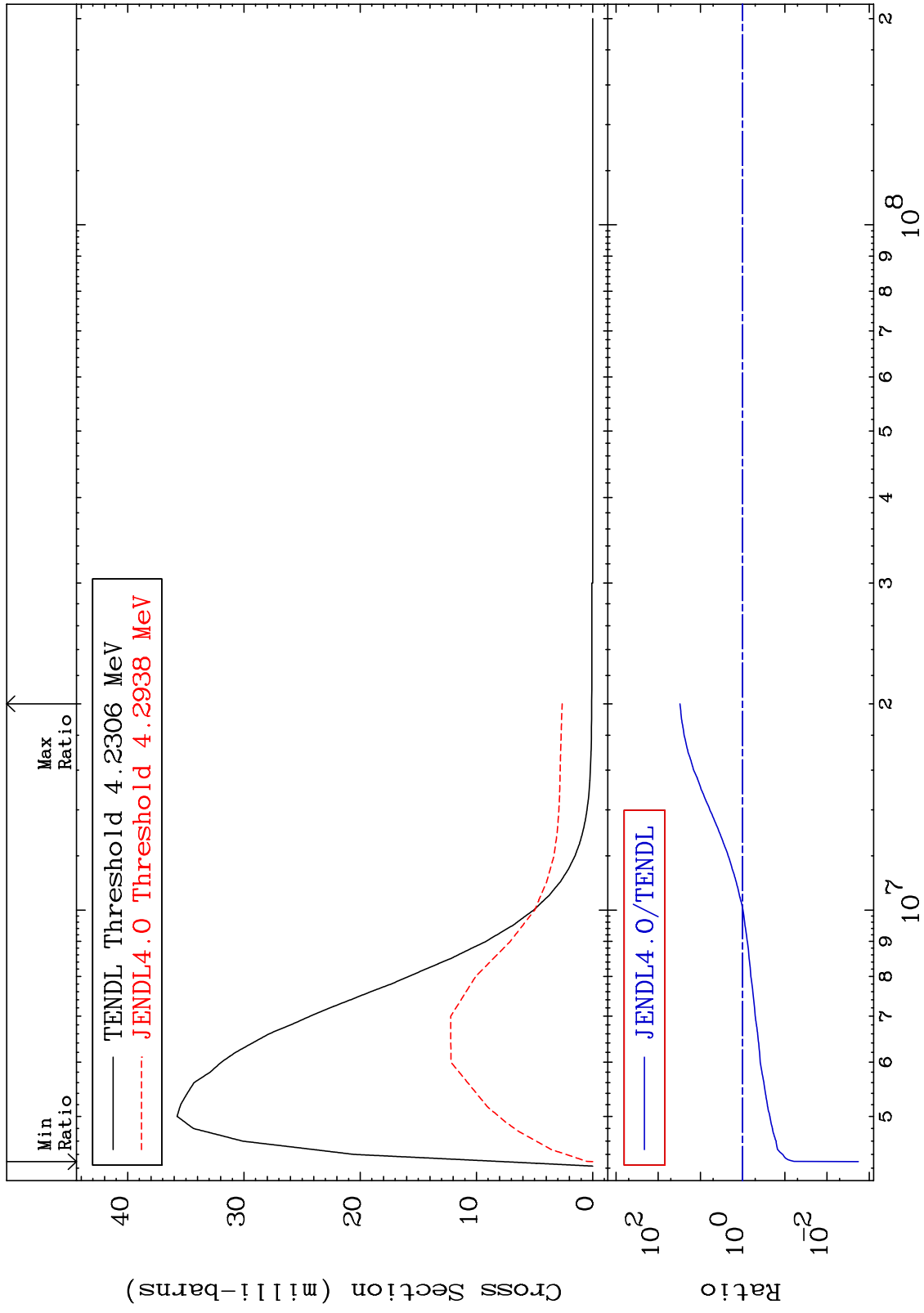
Incident Energy (eV)

17-Cl-35

MAT 1725 MT= 61 (n,n') Level Cross Section 17-Cl-35
 -99.95 To 9999. %



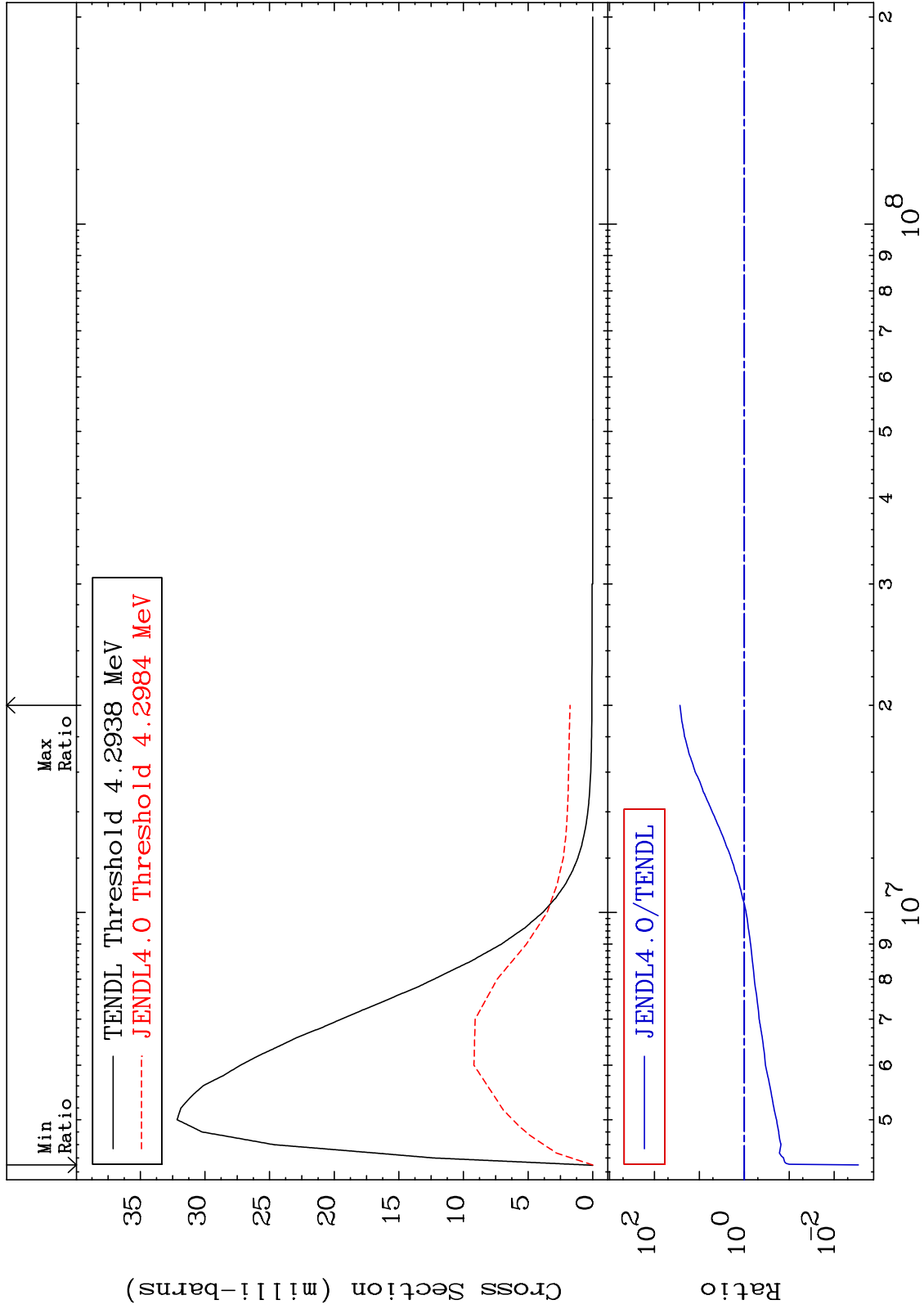
MAT 1725 MT= 62 (n,n') Level Cross Section 17-Cl-35
 -99.82 To 2939. %



MAT 1725

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

17-Cl-35
-99.71 To 2594. %



20

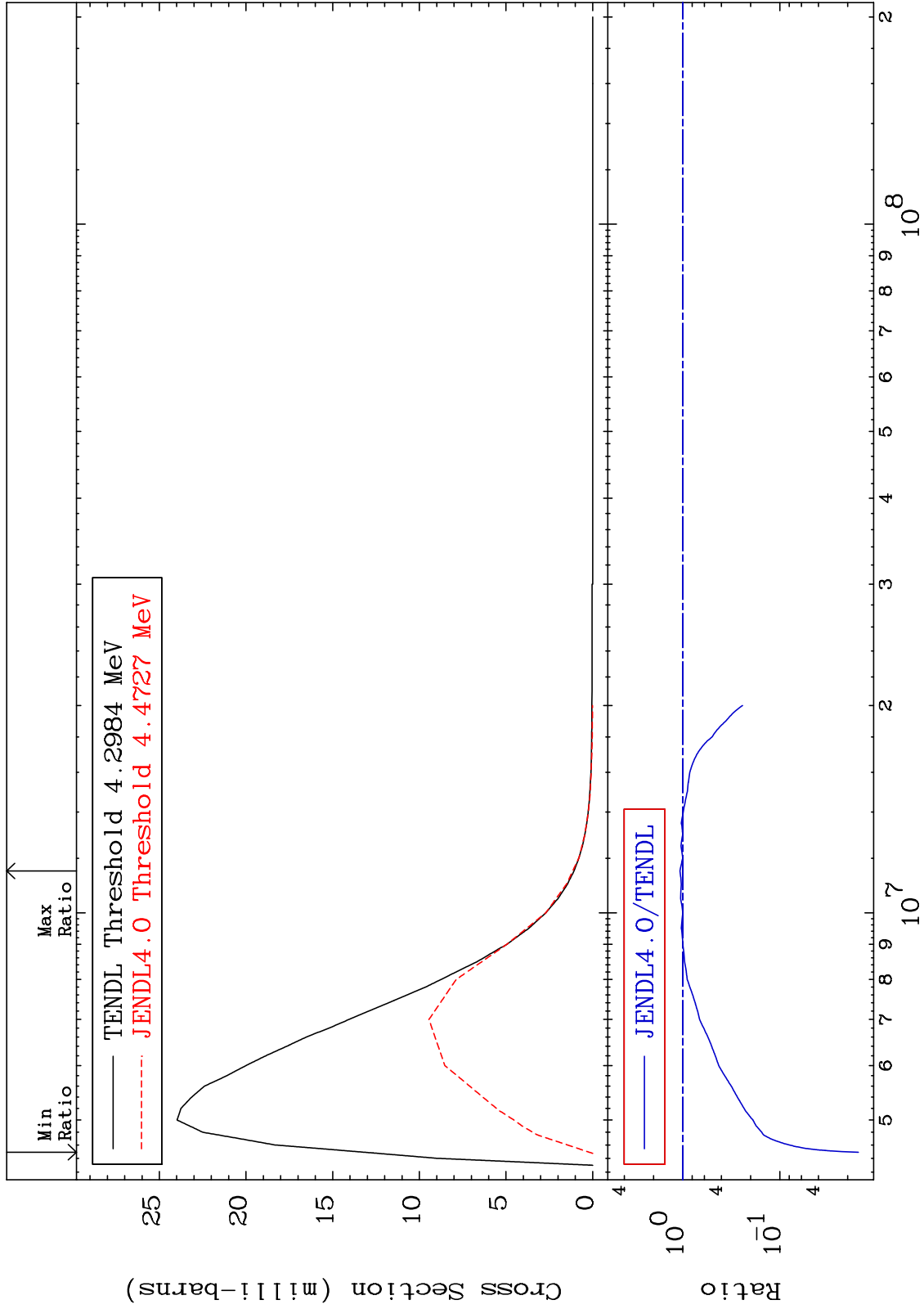
Incident Energy (eV)

17-Cl-35

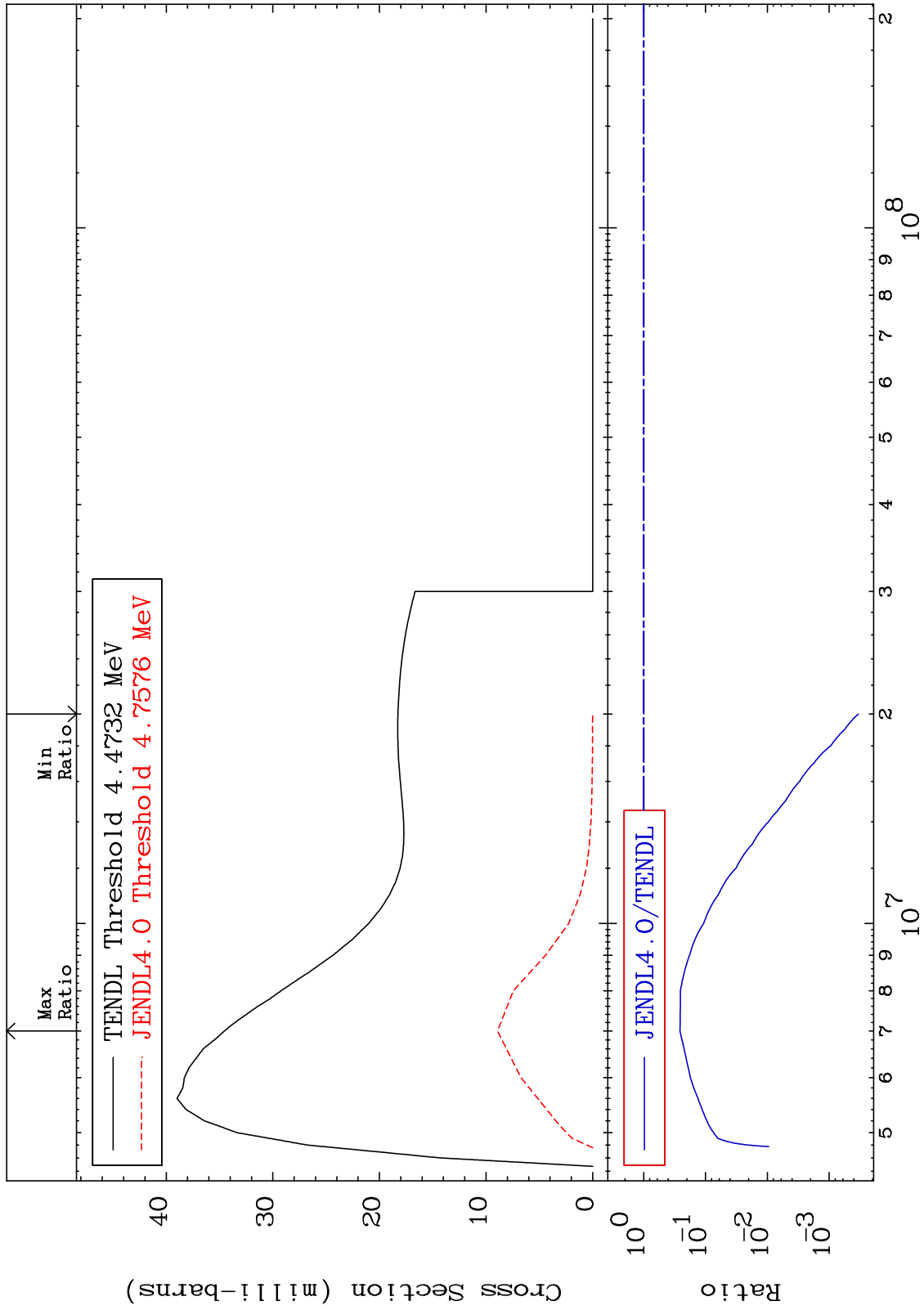
MAT 1725

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

17-Cl-35
-98.45 To 6.813 %



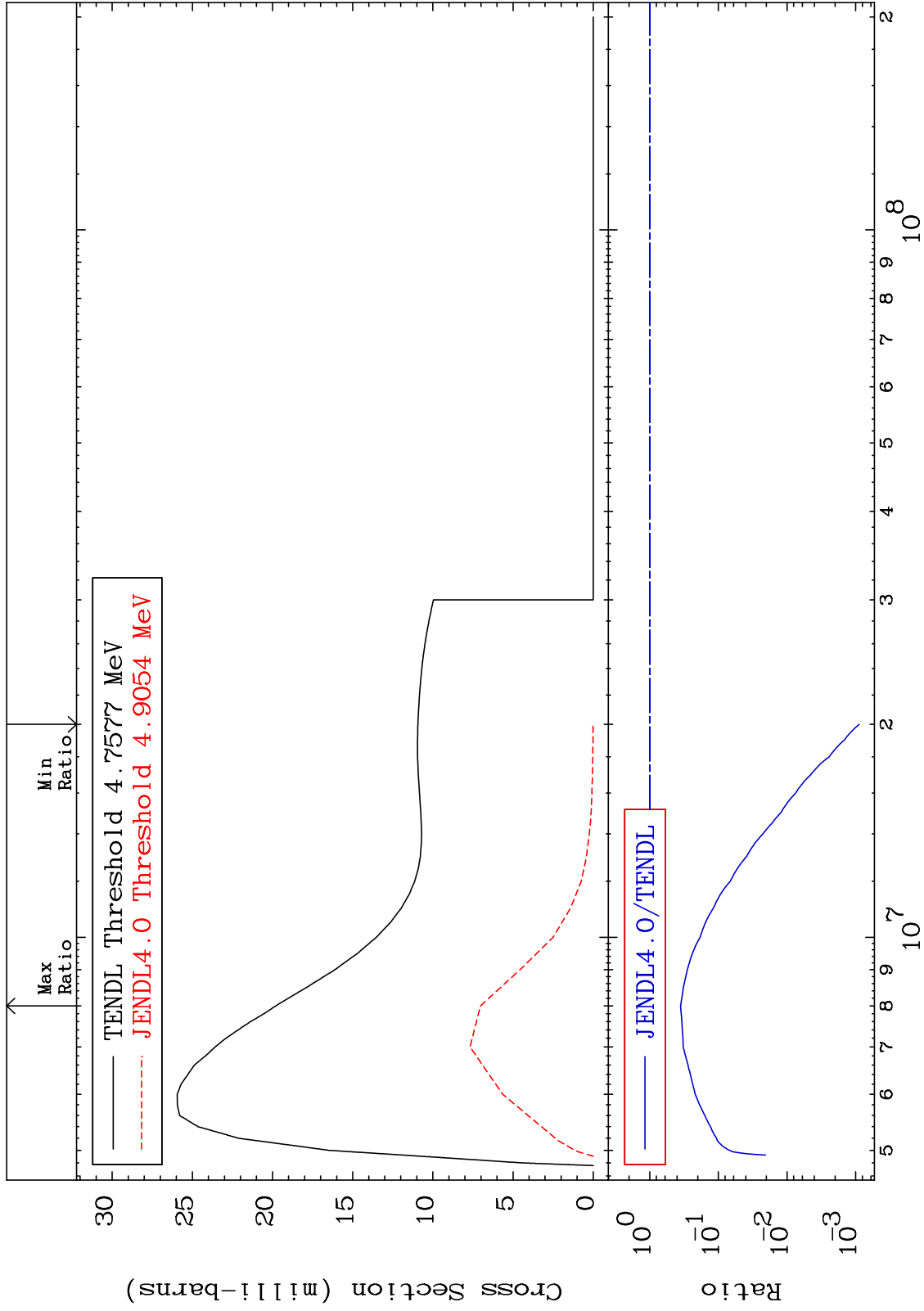
MAT 1725 MT= 65 (n,n') Level Cross Section 17-Cl-35
 -99.97 To -74.17%



MAT 1725

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

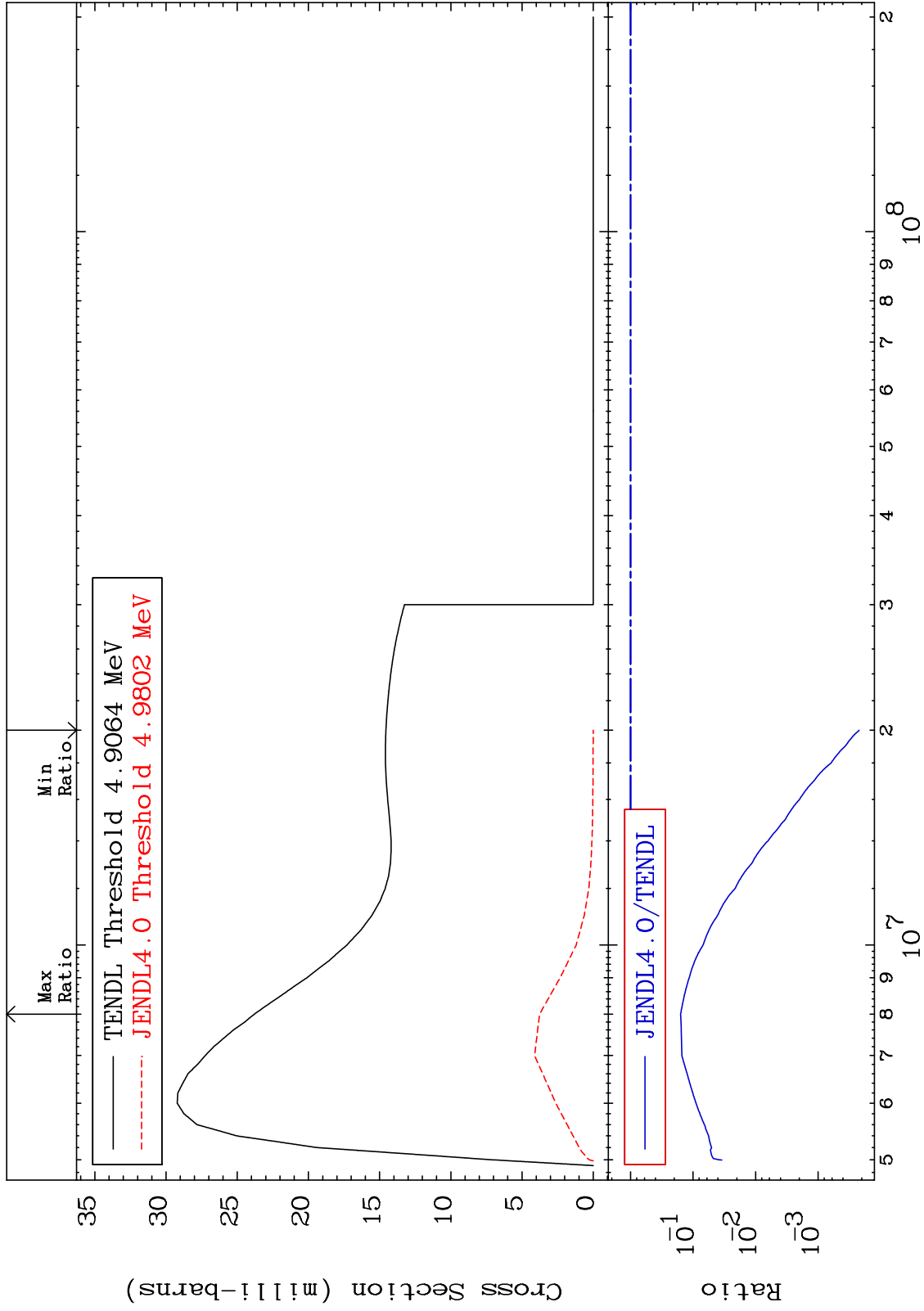
17-Cl-35
-99.91 To -64.48%



MAT 1725

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

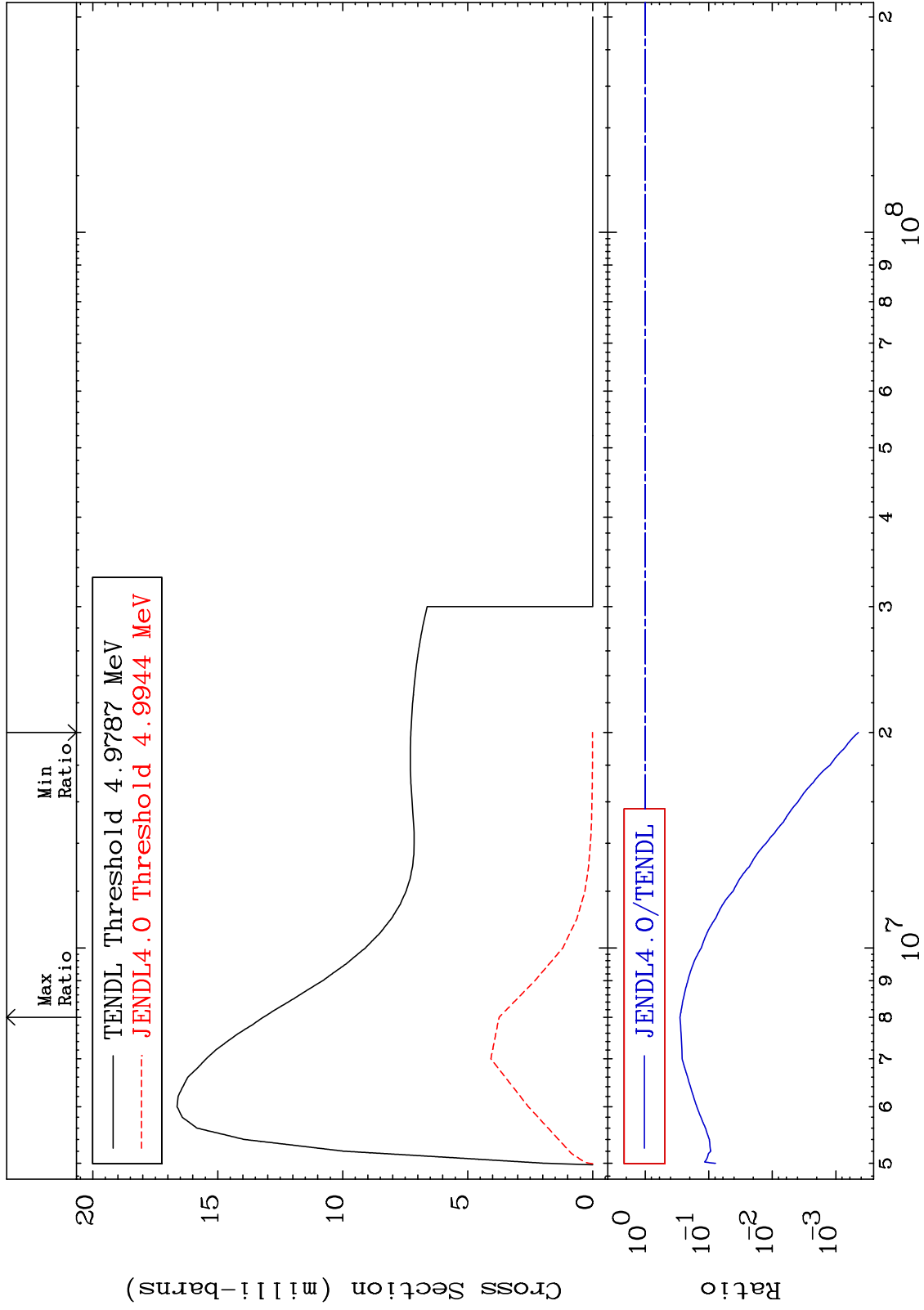
17-Cl-35
-99.98 To -84.18%



MAT 1725

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

17-Cl-35
-99.96 To -71.59%



25

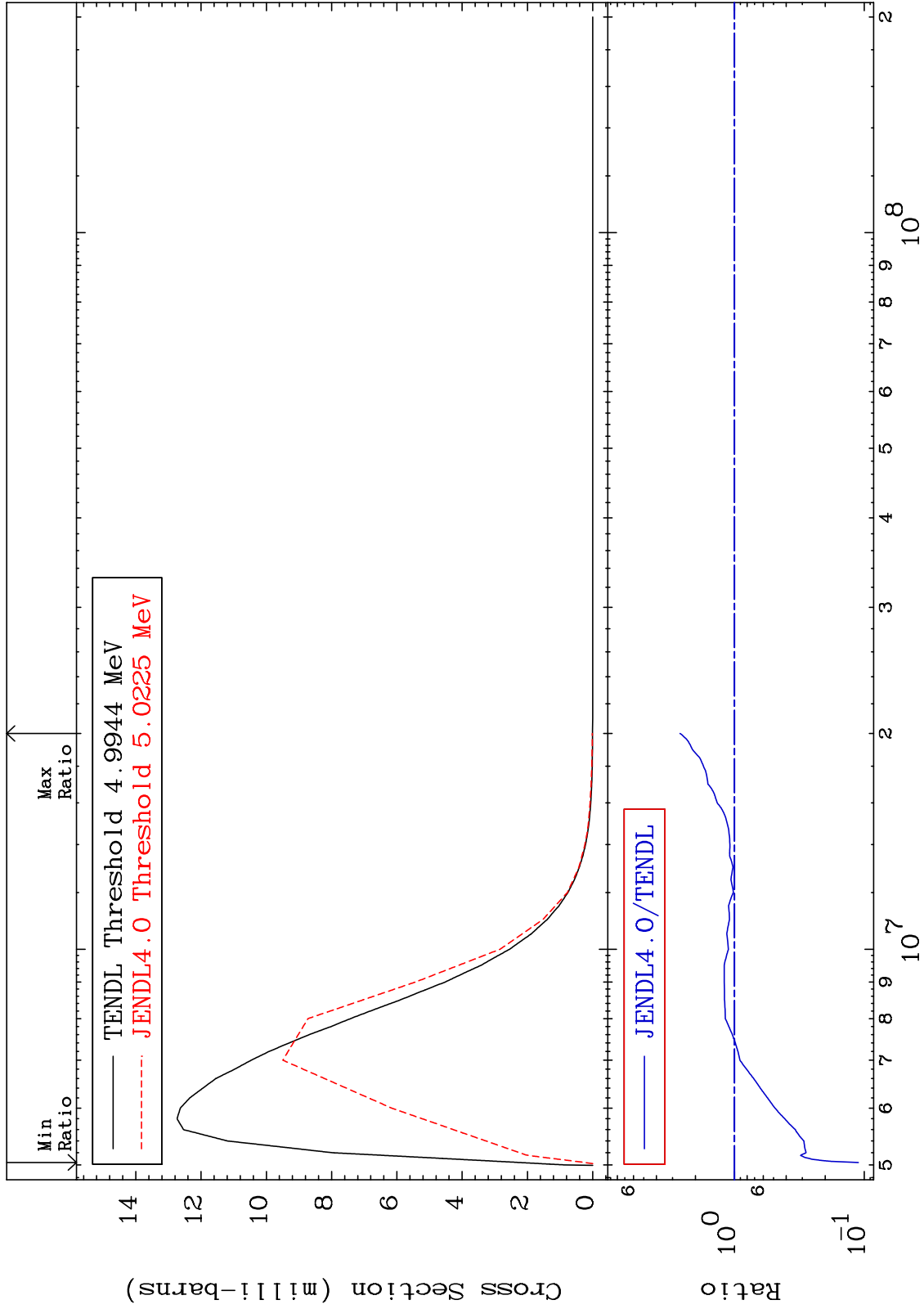
17-Cl-35

17-Cl-35

MAT 1725

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

17-Cl-35
-88.90 To 162.9 %



26

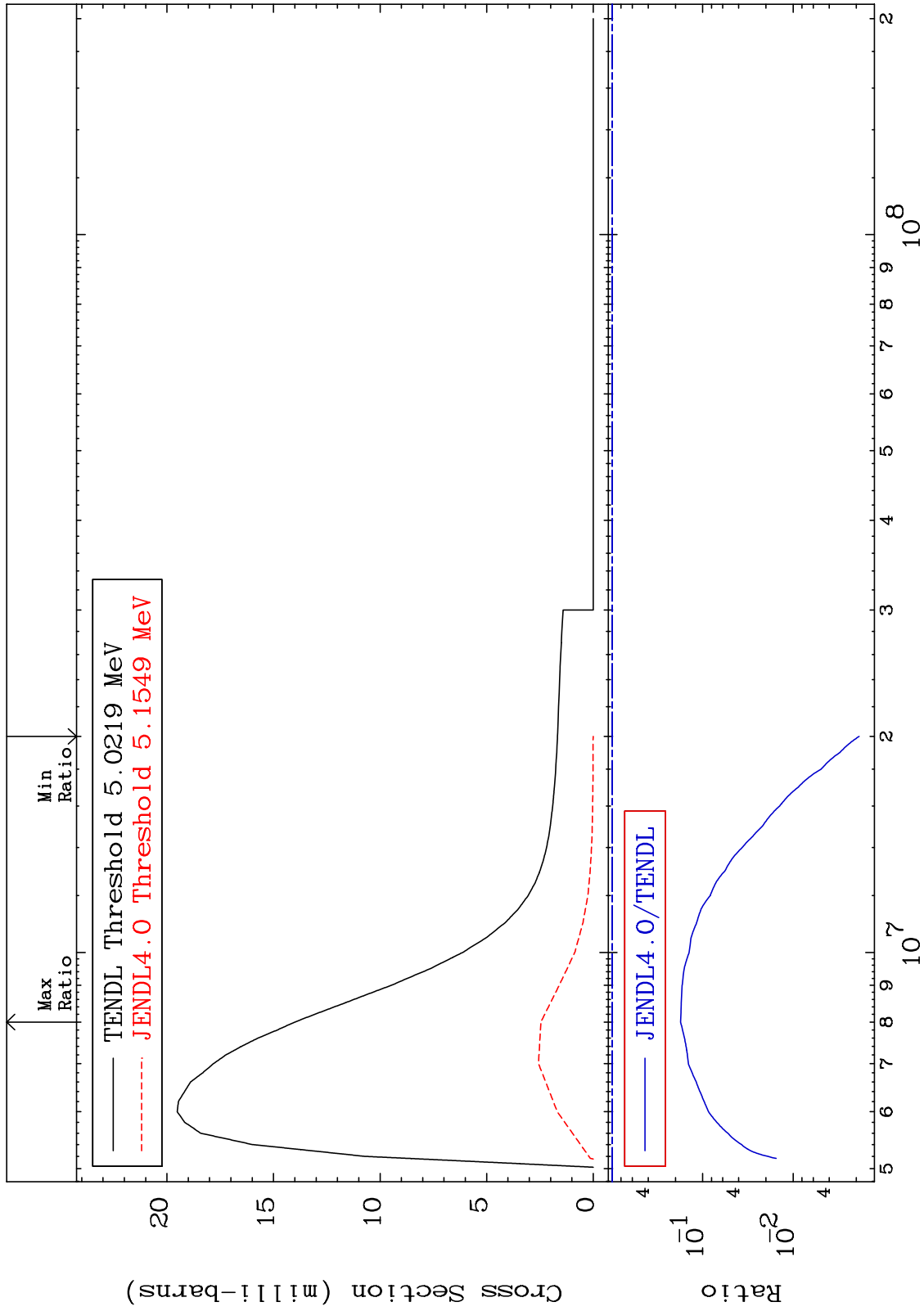
Incident Energy (eV)

17-Cl-35

MAT 1725

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

17-Cl-35
-99.81 To -82.46%



27

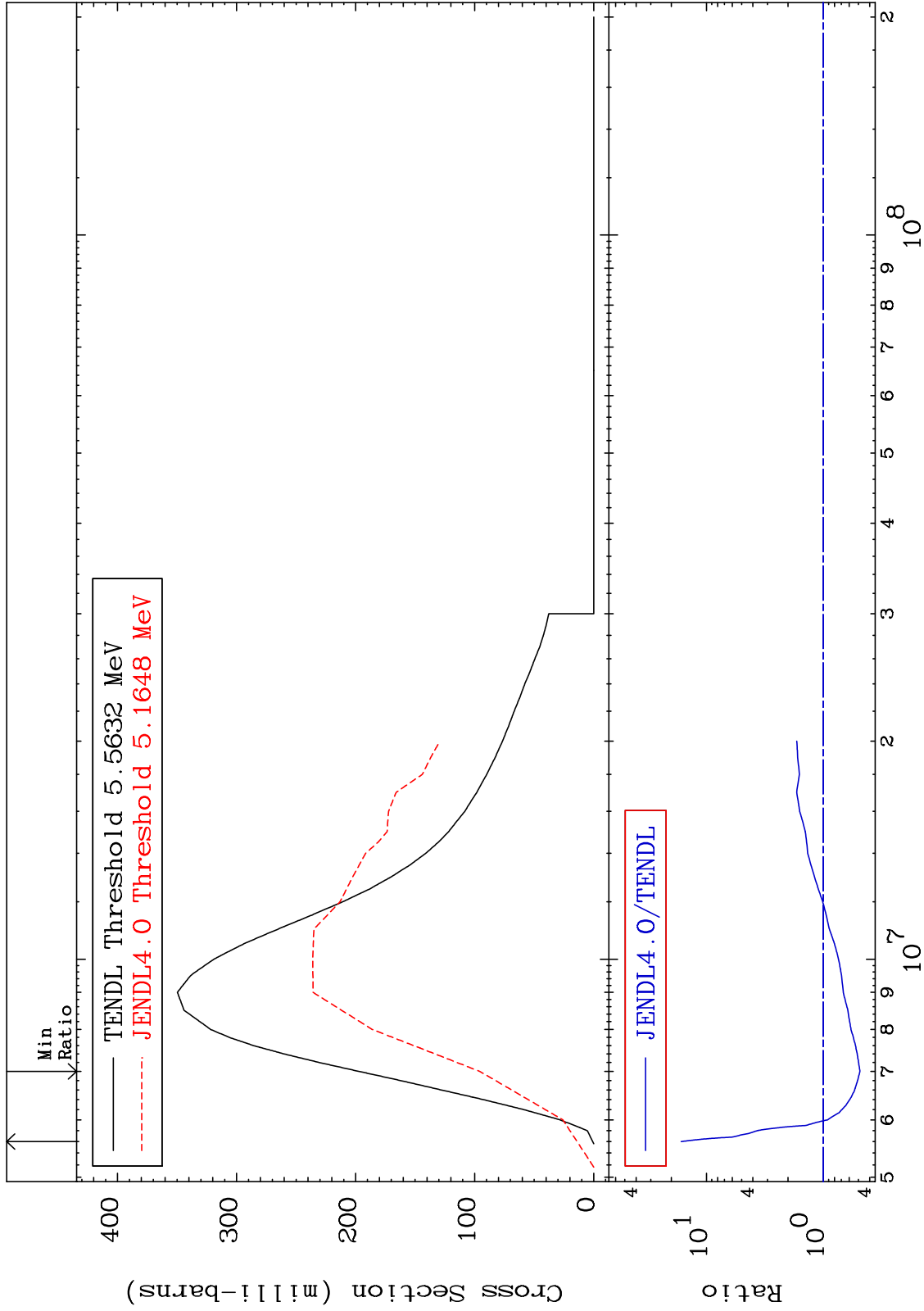
Incident Energy (eV)

17-Cl-35

MAT 1725

(n,n') Continuum
Cross Section

17-Cl-35
-51.48 To 1543. %



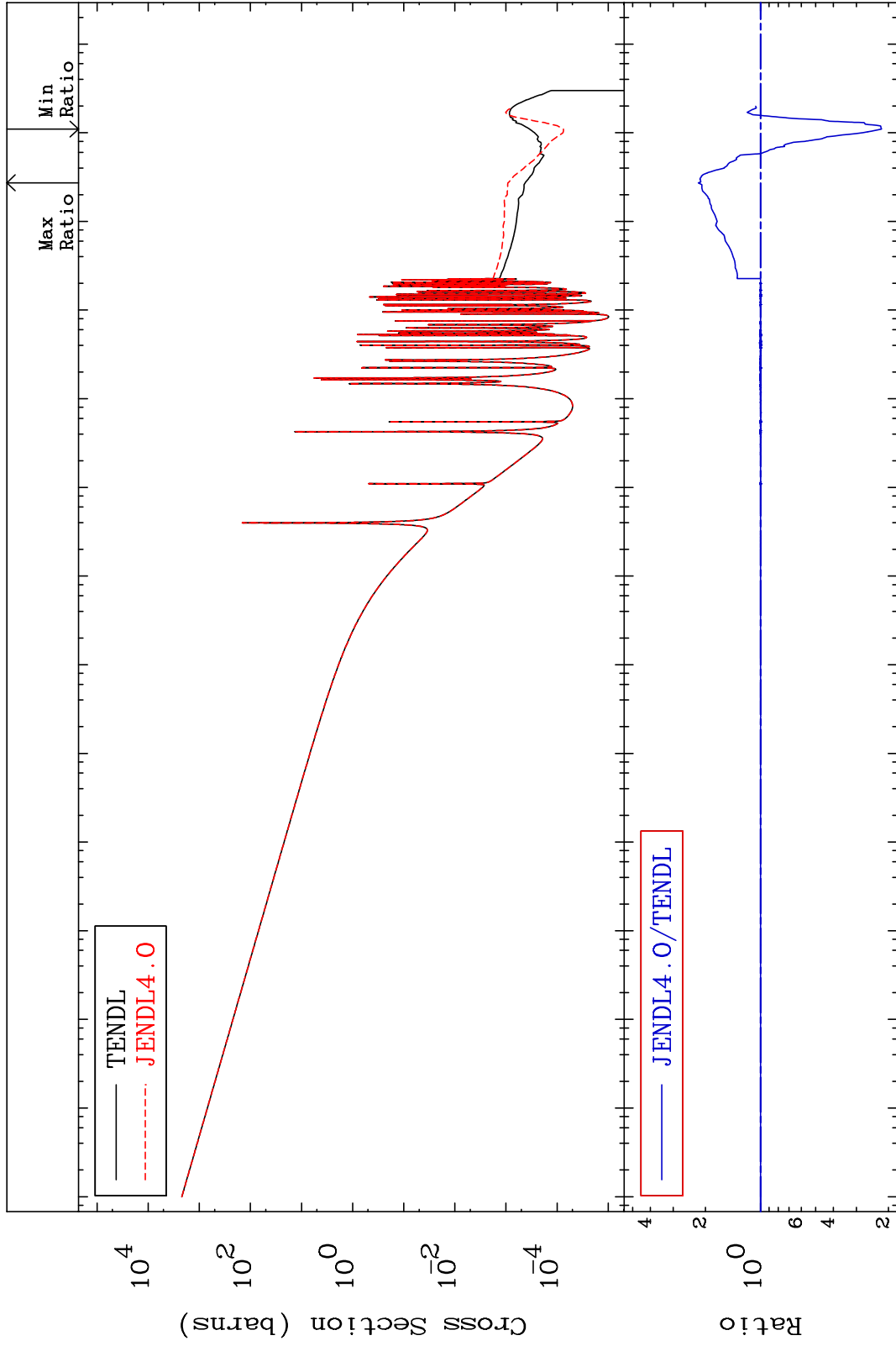
MAT 1725

(n, γ)

17-Cl-35

Cross Section

-78.16 To 118.8 %



29

Incident Energy (eV)

17-Cl-35

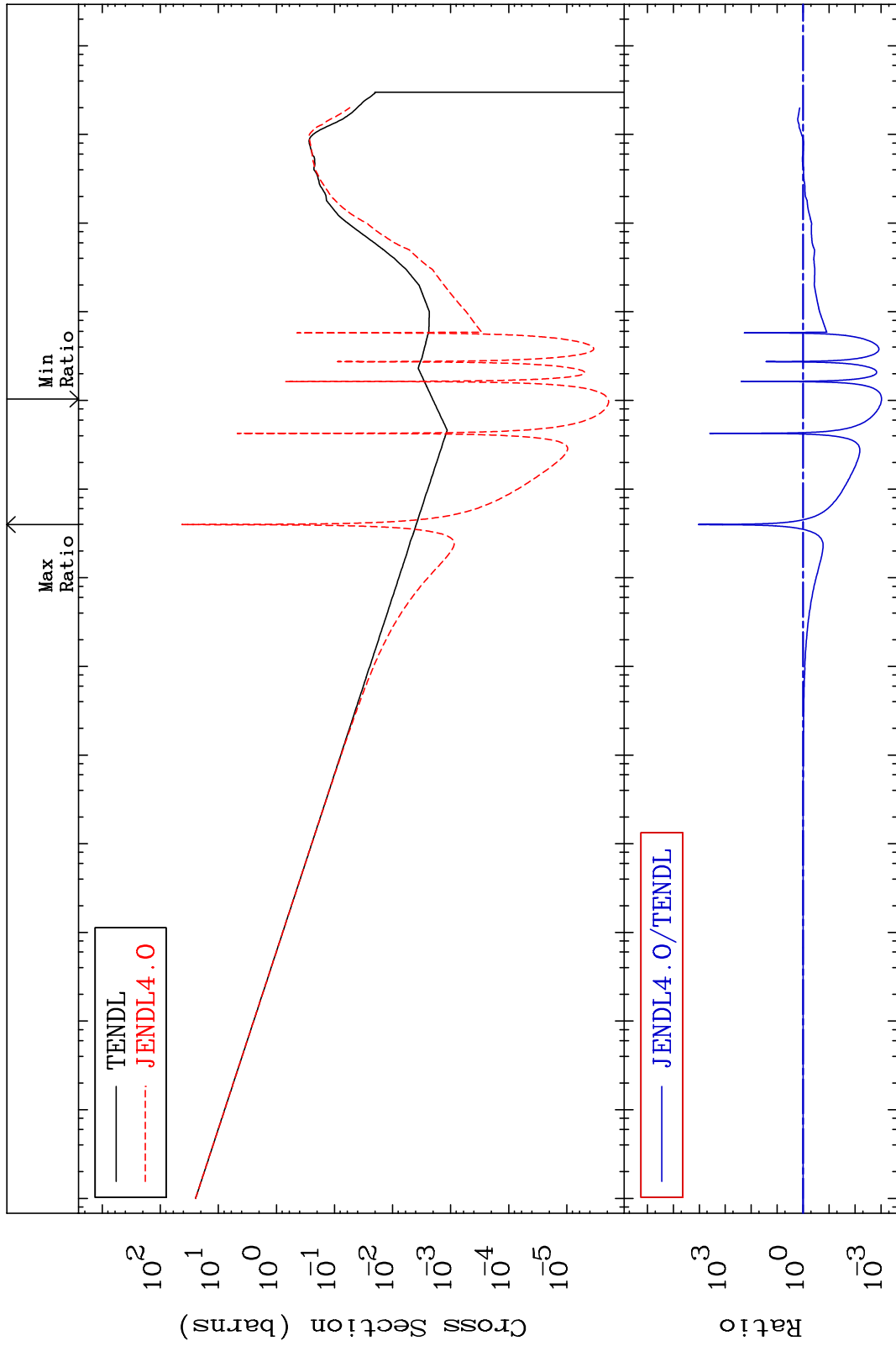
MAT 1725

(n, p)

17-Cl-35

Cross Section

-99.90 To 9999. %



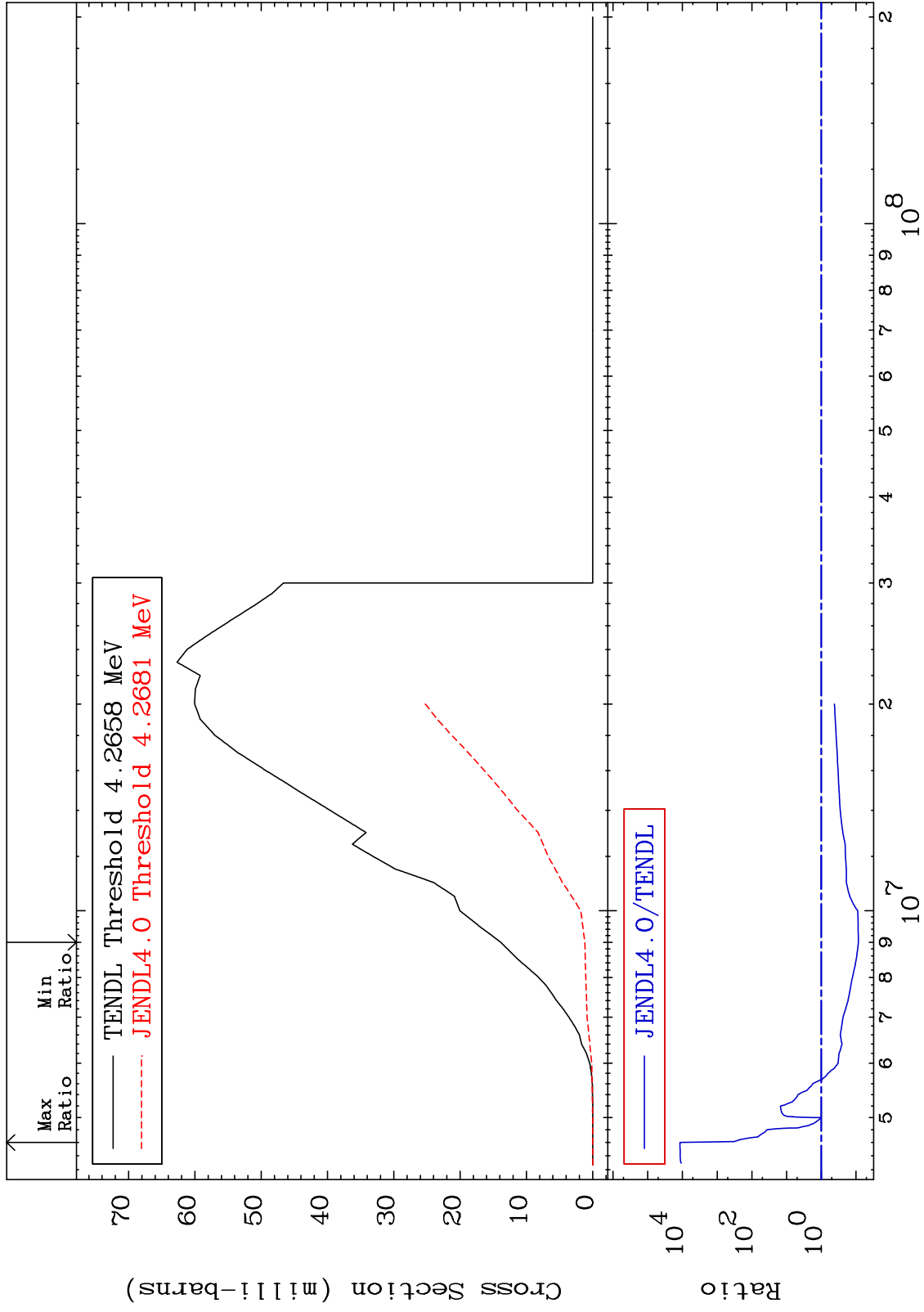
MAT 1725

(n,d)

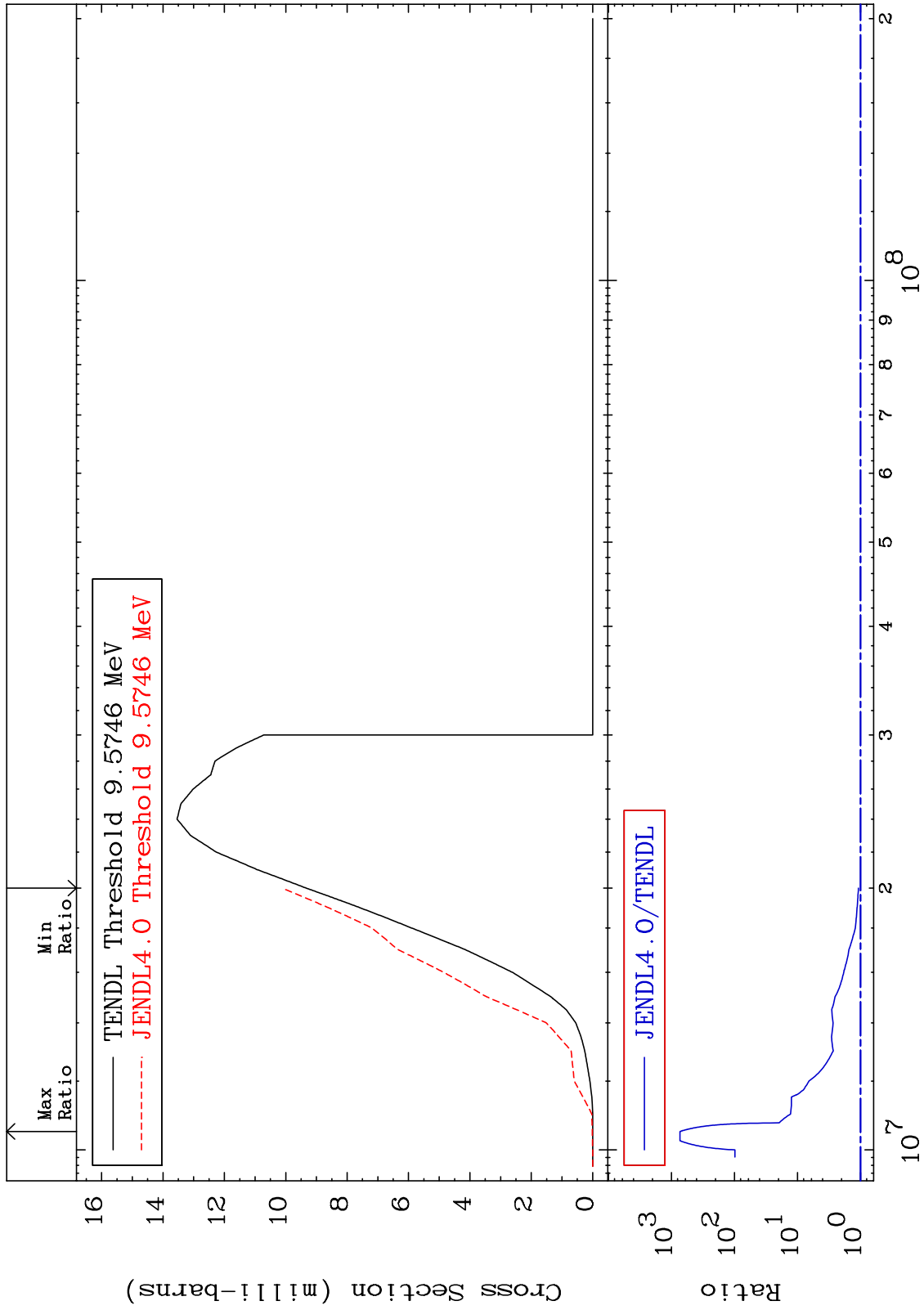
17-Cl-35

Cross Section

-91.44 To 9999. %



MAT 1725 (n, t) 17-Cl-35
Cross Section 8.418 To 9999. %



32 17-Cl-35

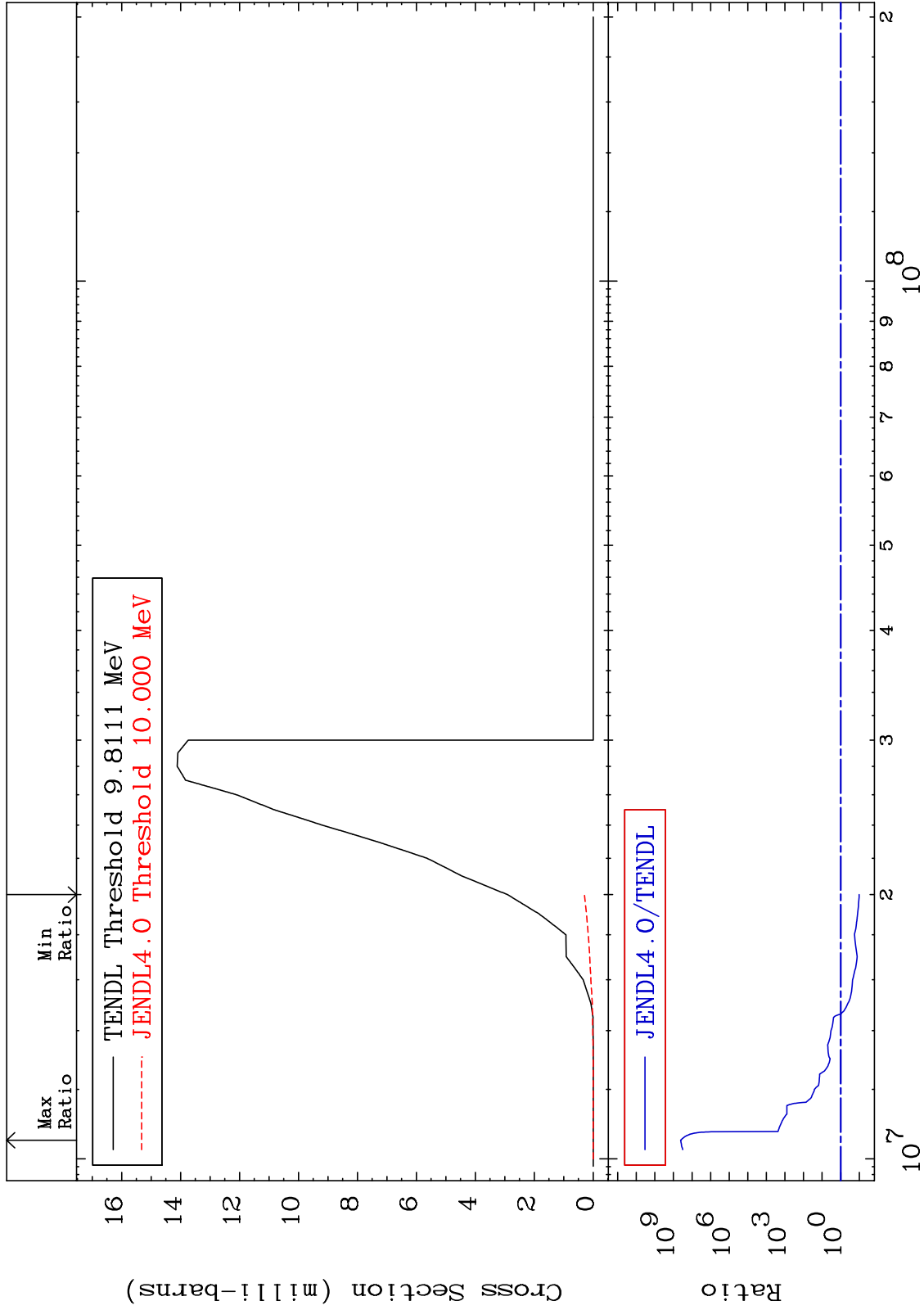
MAT 1725

(n, He-3)

17-Cl-35

Cross Section

-89.85 To 9999. %



Incident Energy (eV)

17-Cl-35

33

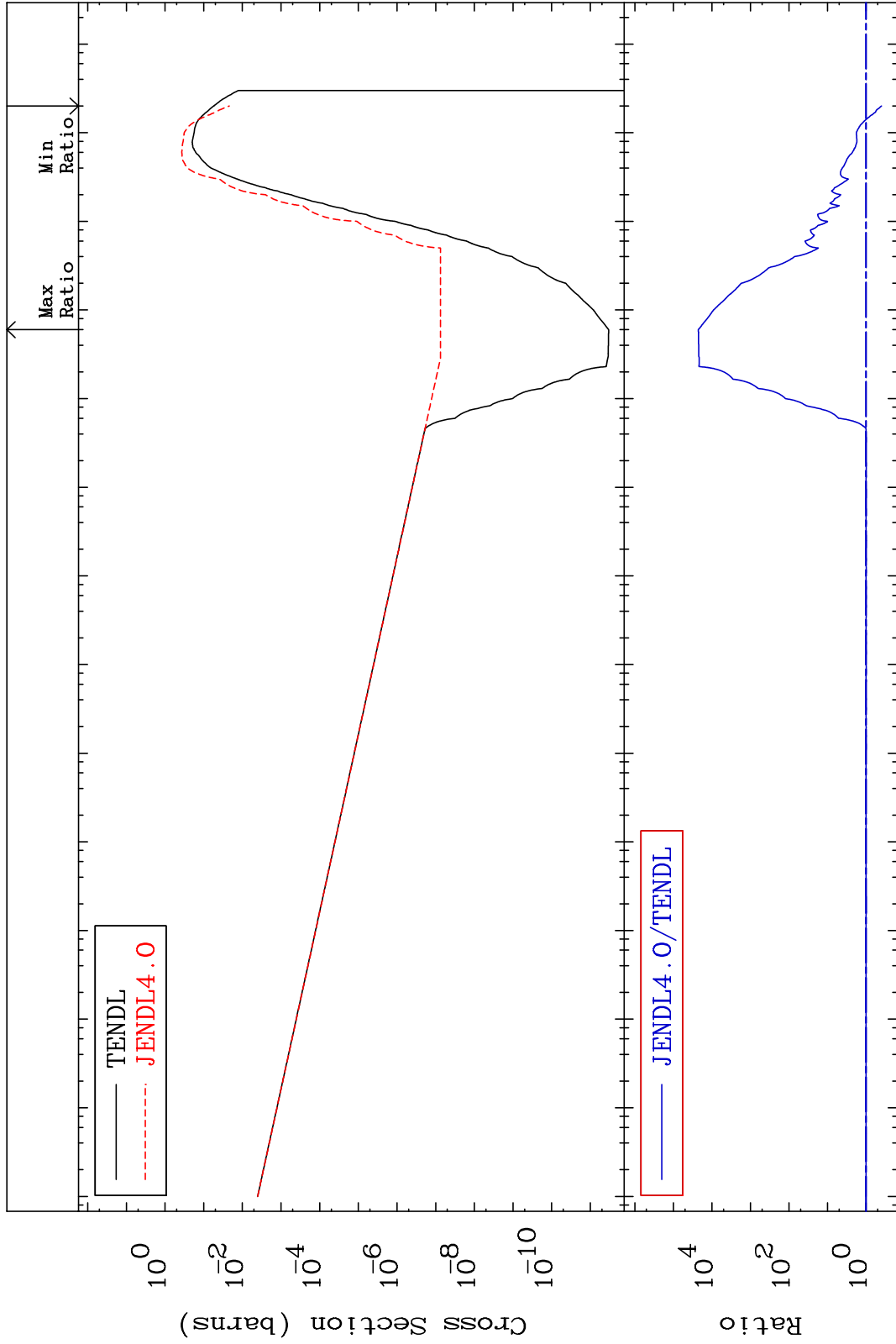
MAT 1725

(n, α)

17-CI-35

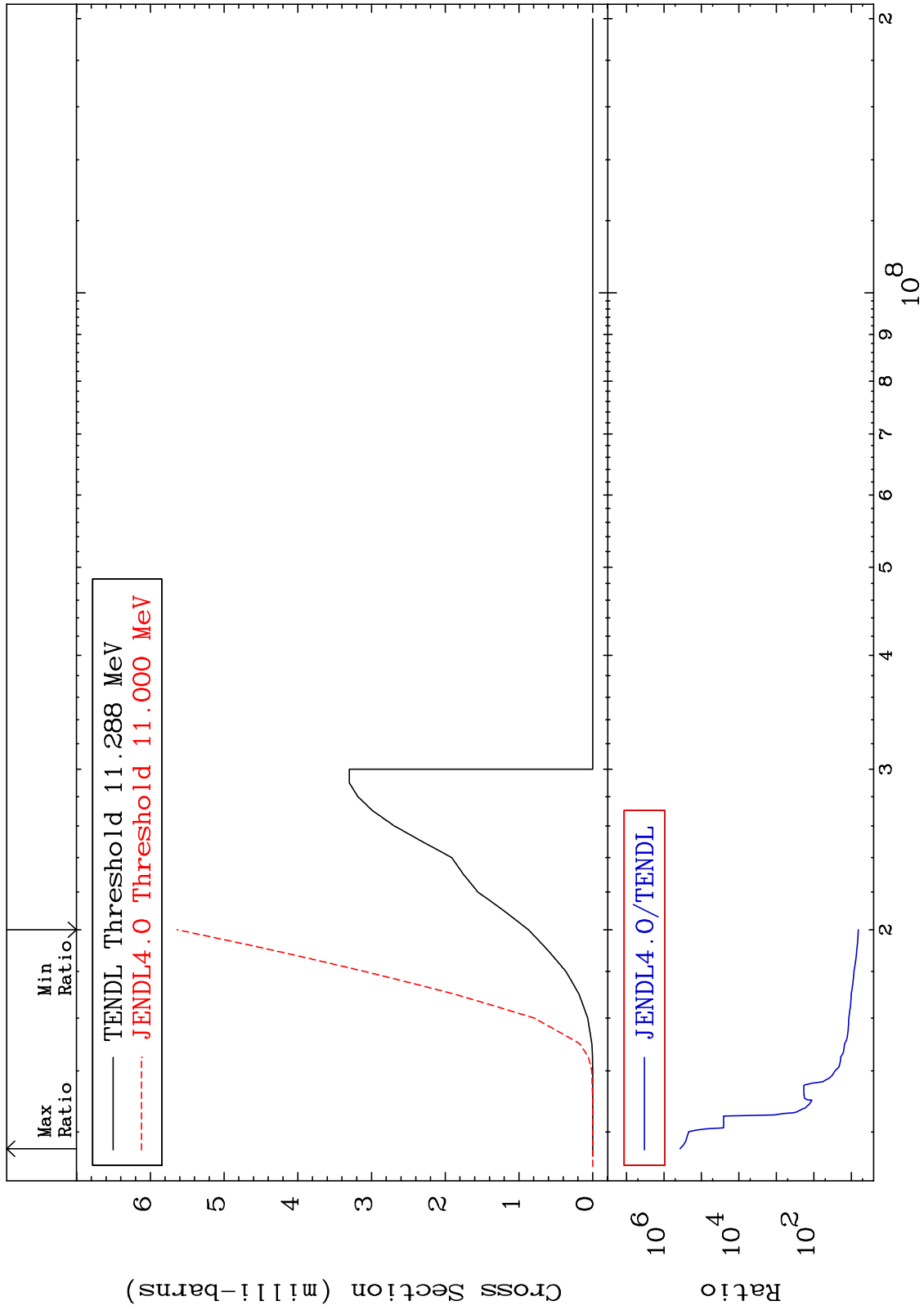
Cross Section

-60.33 To 9999. %



Incident Energy (eV) 17-CI-35

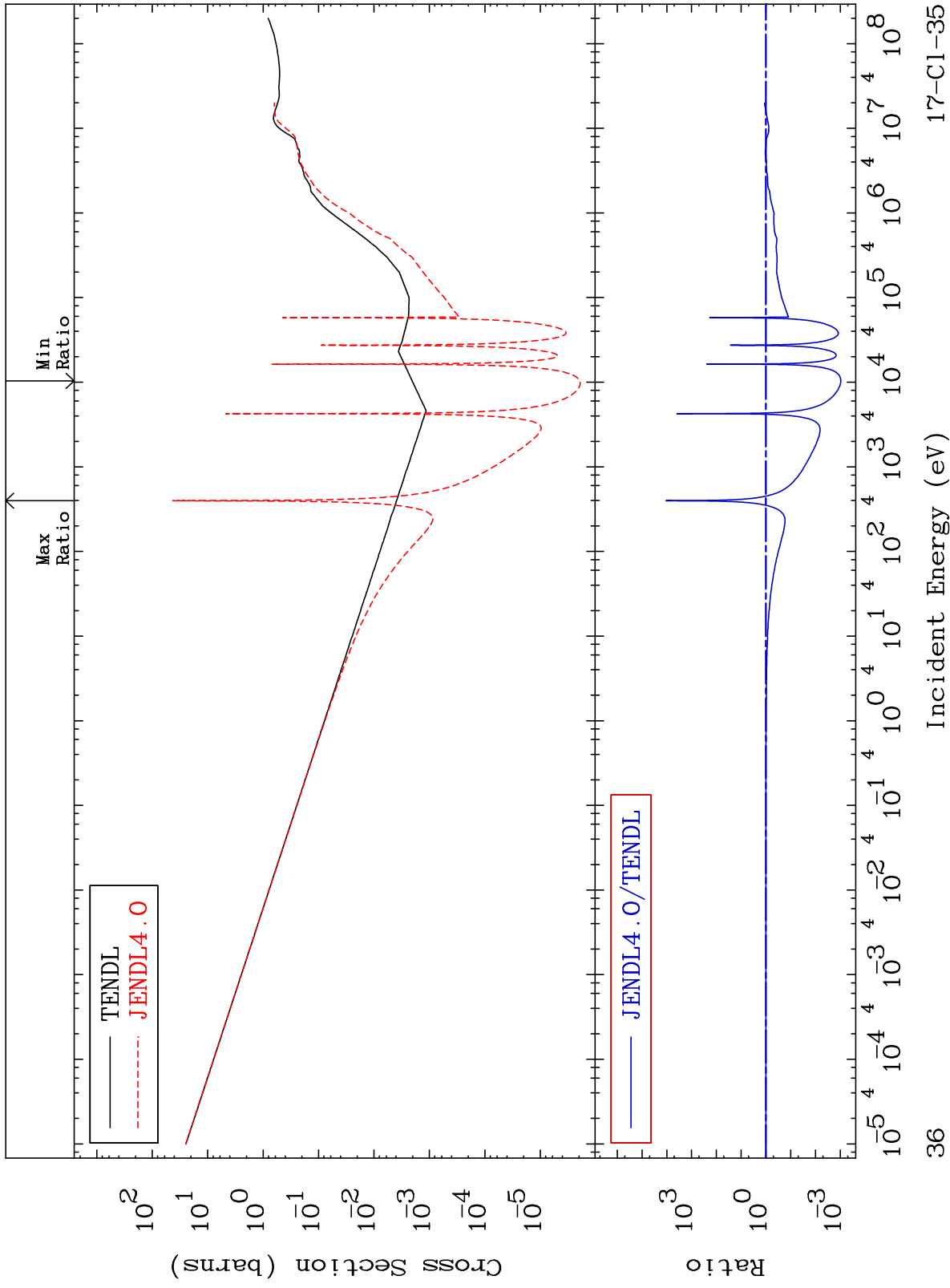
MAT 1725 (n,2p) Cross Section 17-Cl-35 To 9999. %



MAT 1725

Hydrogen Production
Cross Section

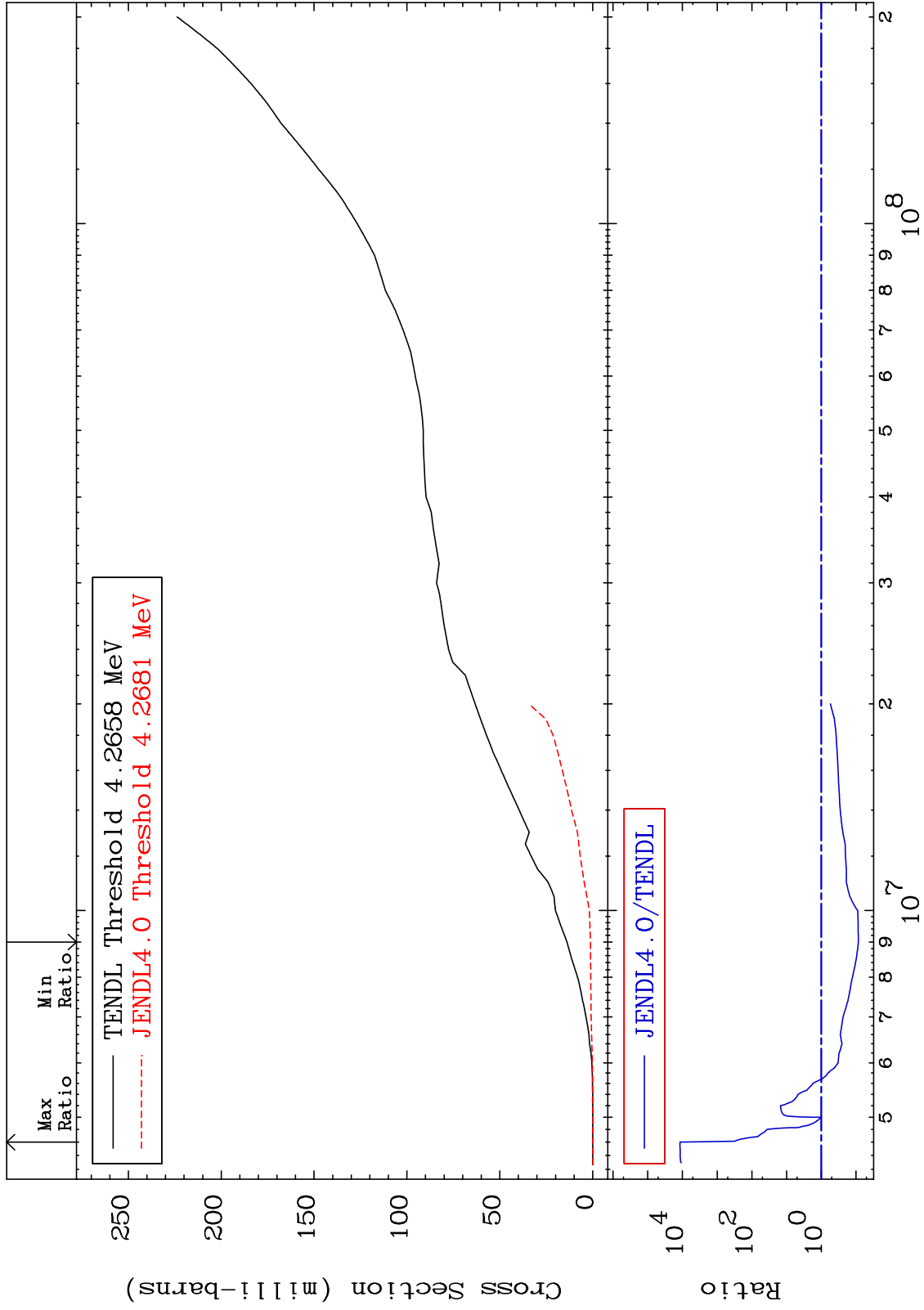
17-Cl-35
-99.90 To 9999. %



MAT 1725

Deuterium Production
Cross Section

17-Cl-35
-91.44 To 9999. %



37

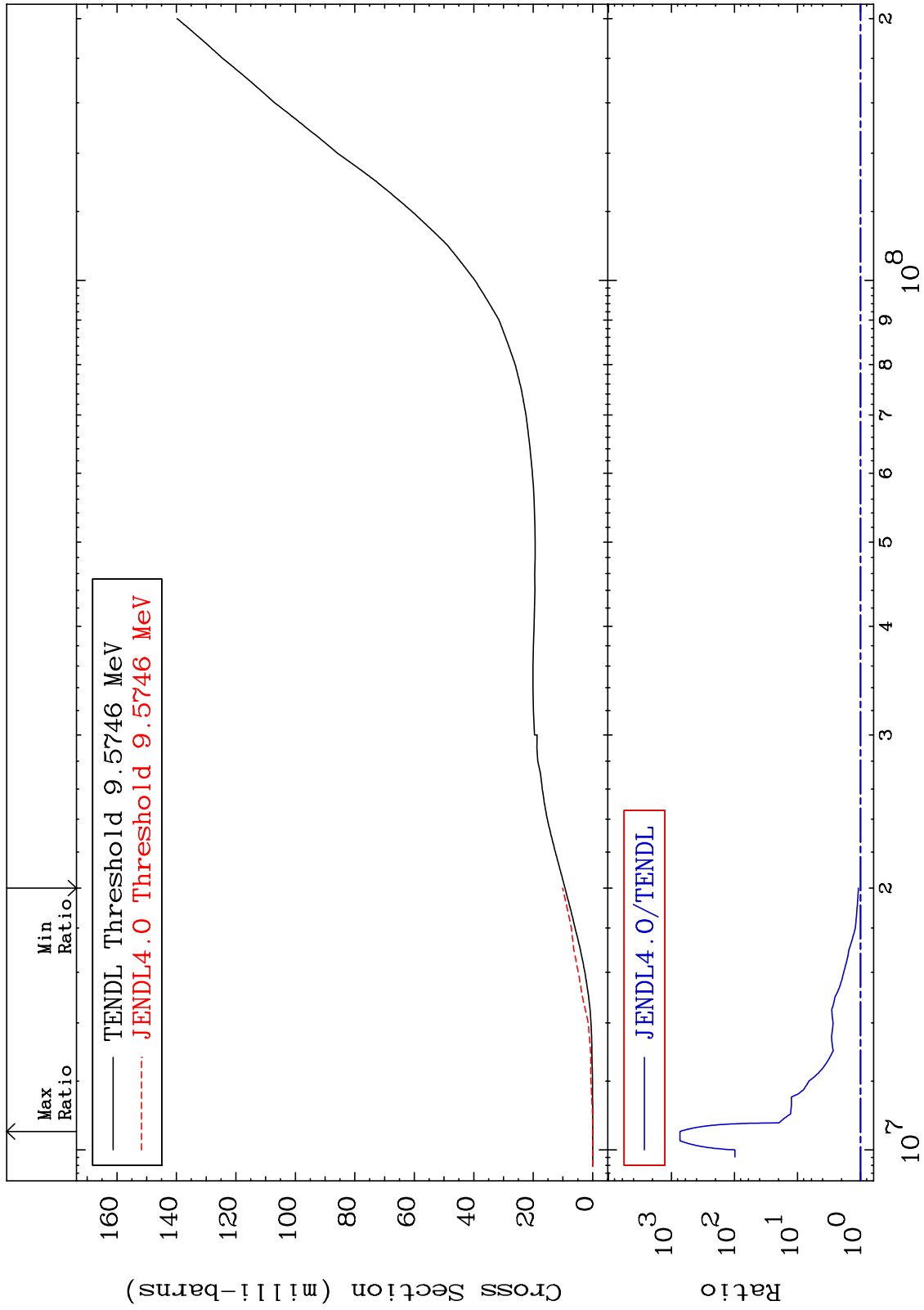
Incident Energy (eV)

17-Cl-35

MAT 1725

Tritium Production
Cross Section

17-Cl-35
8.414 To 9999. %



38

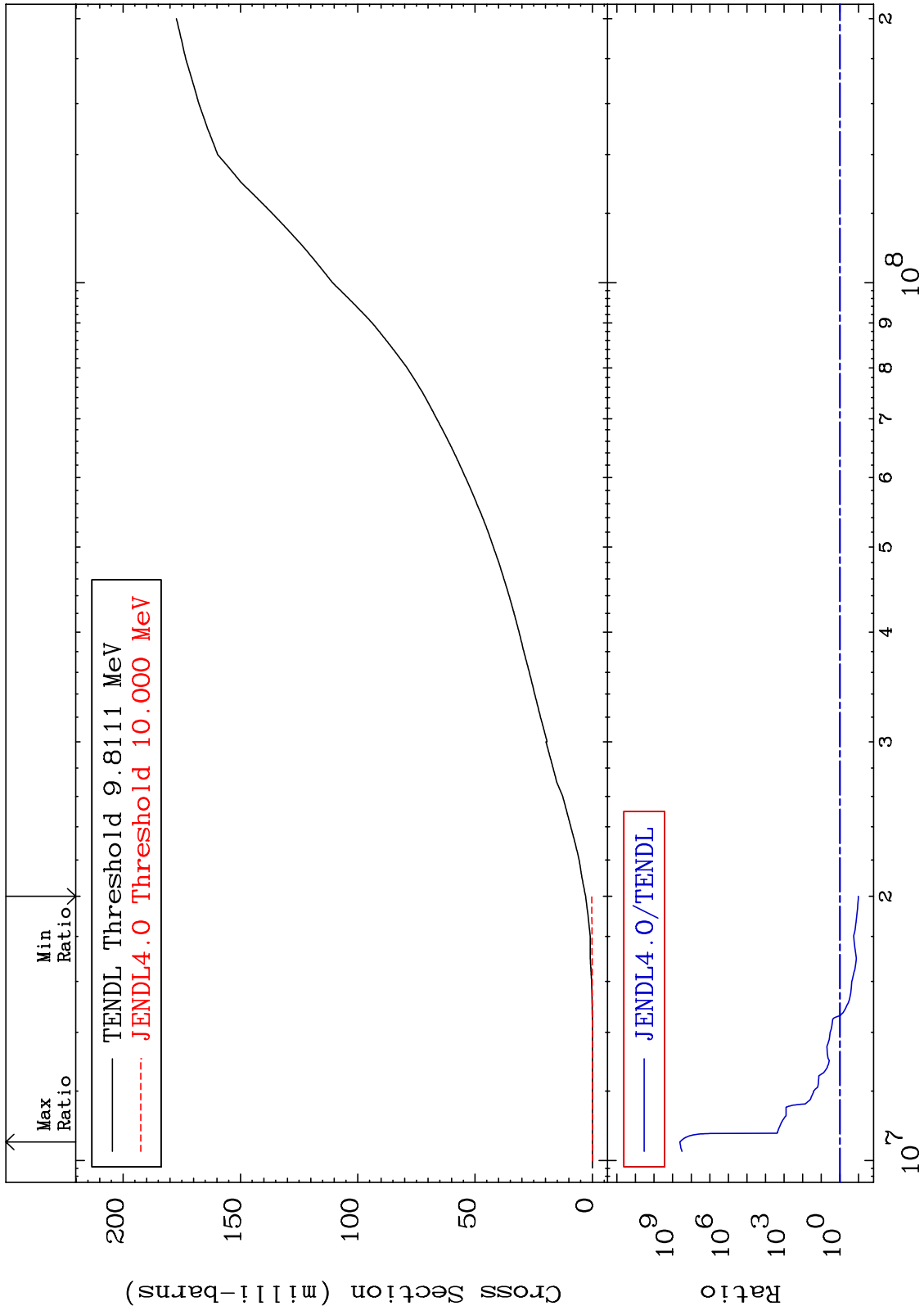
Incident Energy (eV)

17-Cl-35

MAT 1725

He-3 Production
Cross Section

17-Cl-35
-89.85 To 9999. %



39

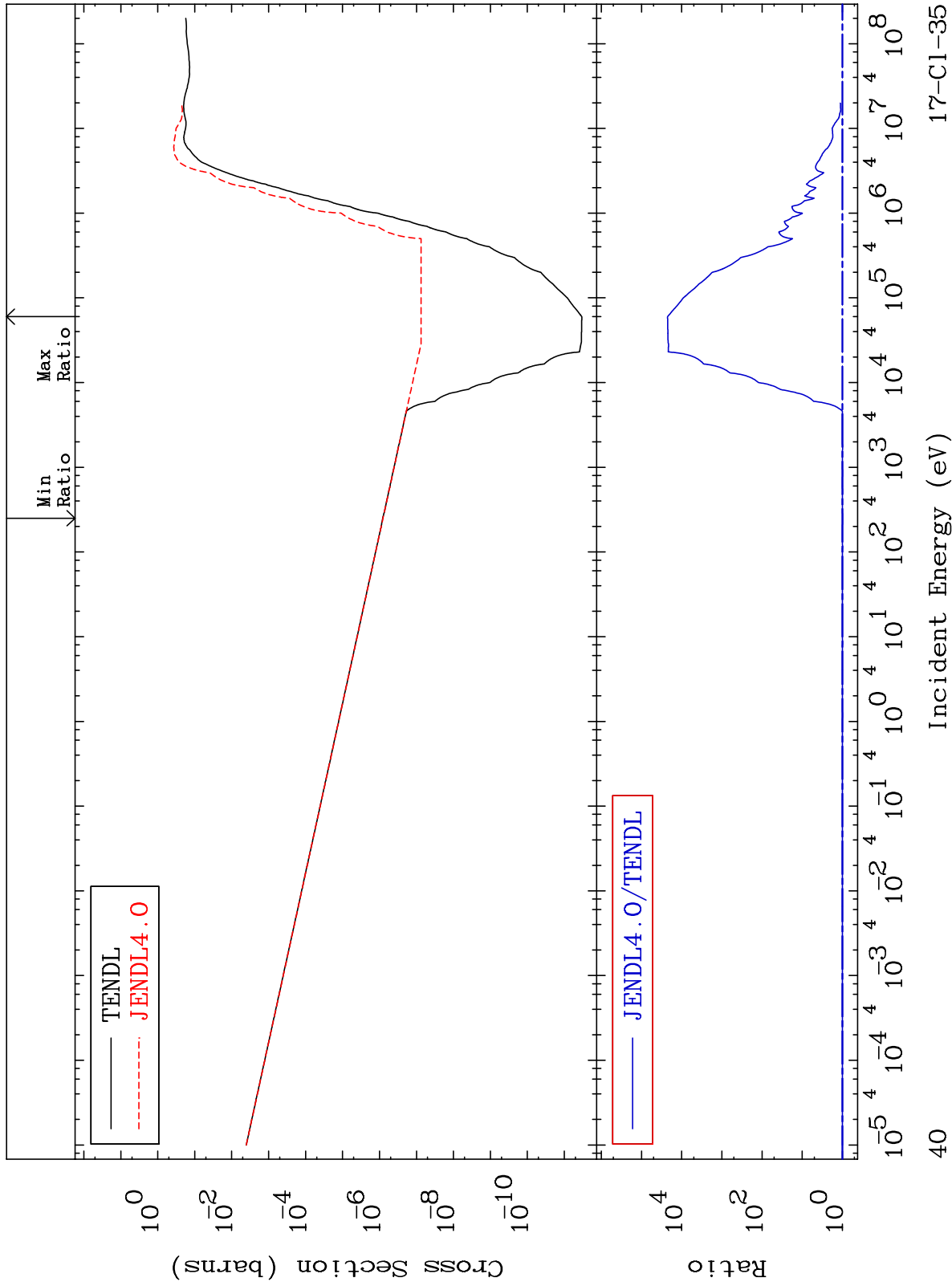
Incident Energy (eV)

17-Cl-35

MAT 1725

He-4 Production
Cross Section

17-Cl-35
-1.520 To 9999. %



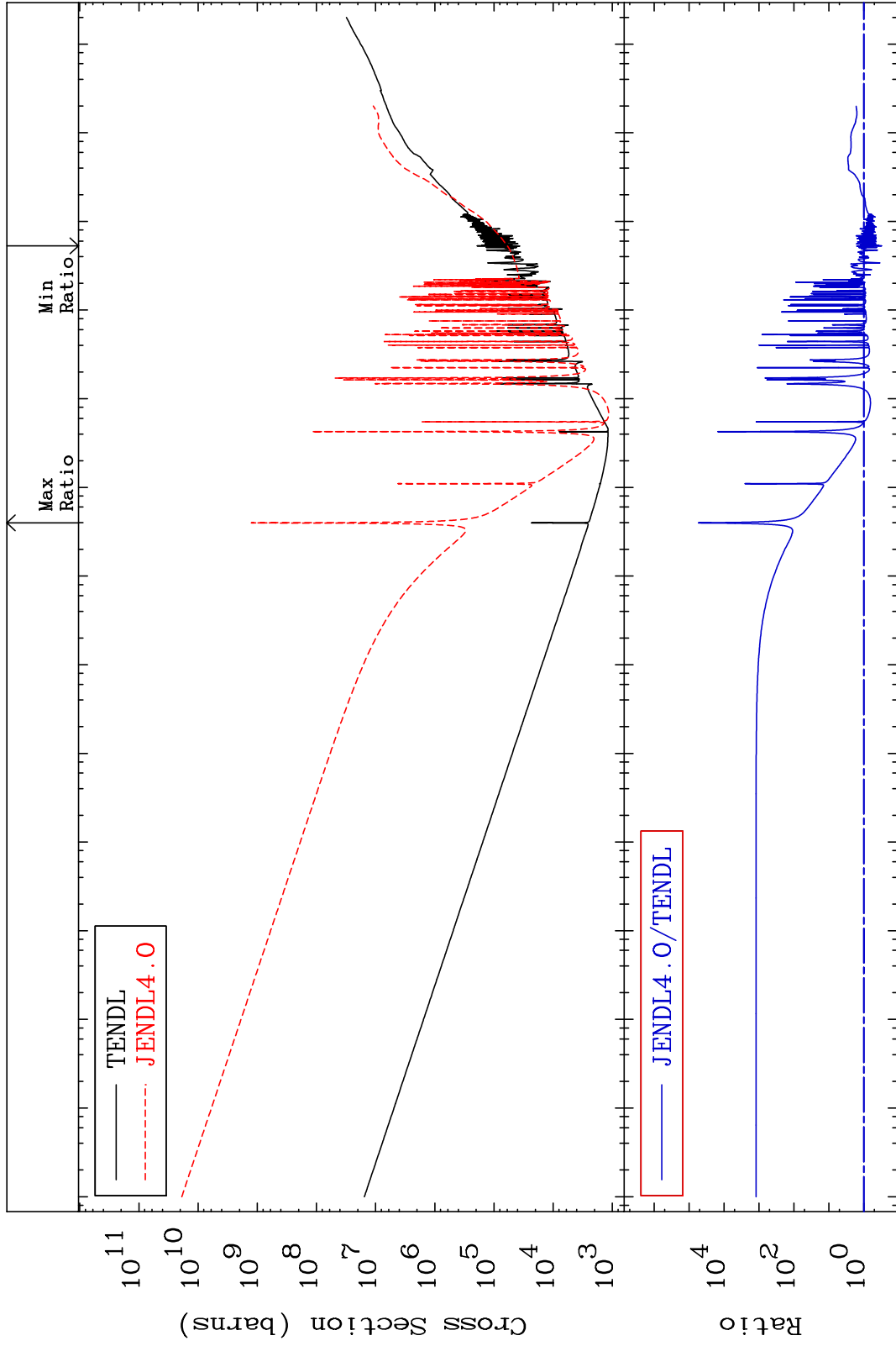
40

17-Cl-35

MAT 1725

Kerma total (eV-barns)
Cross Section

17-Cl-35
-69.02 To 9999. %



41

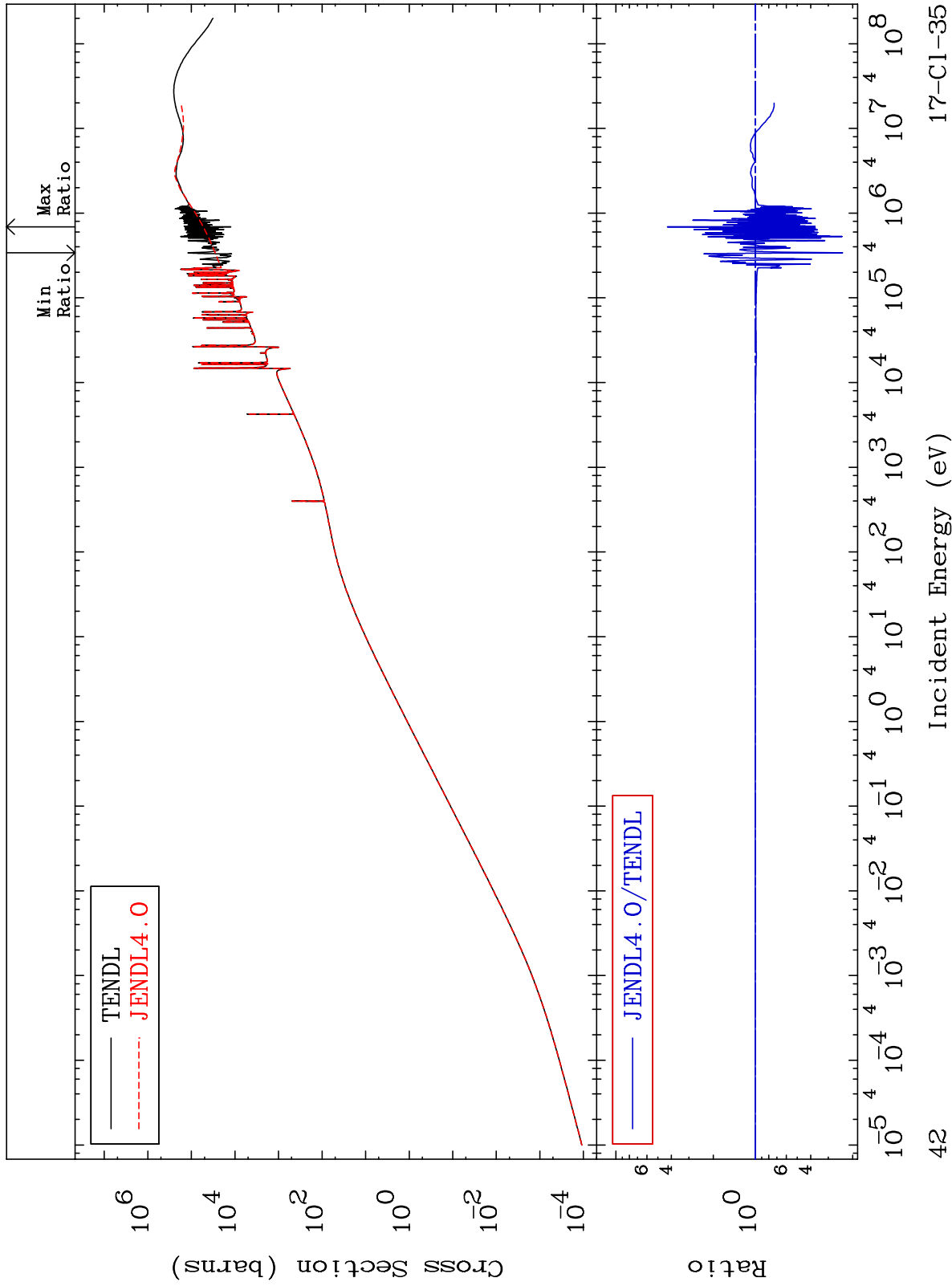
Incident Energy (eV)

17-Cl-35

MAT 1725

Kerma elastic
Cross Section

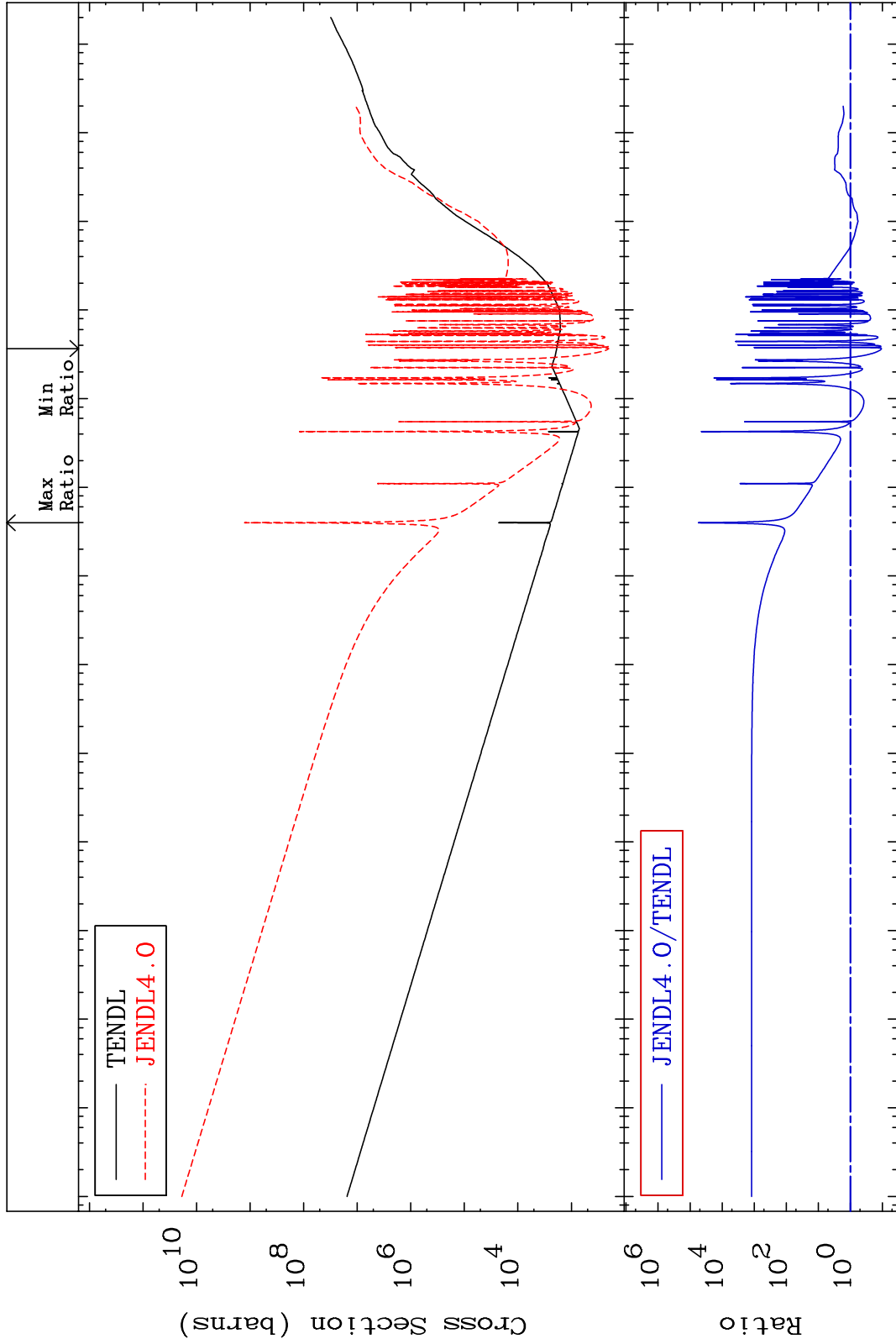
17-Cl-35
-76.39 To 326.1 %



MAT 1725

Kerma non-elastic (all but mt2)
Cross Section

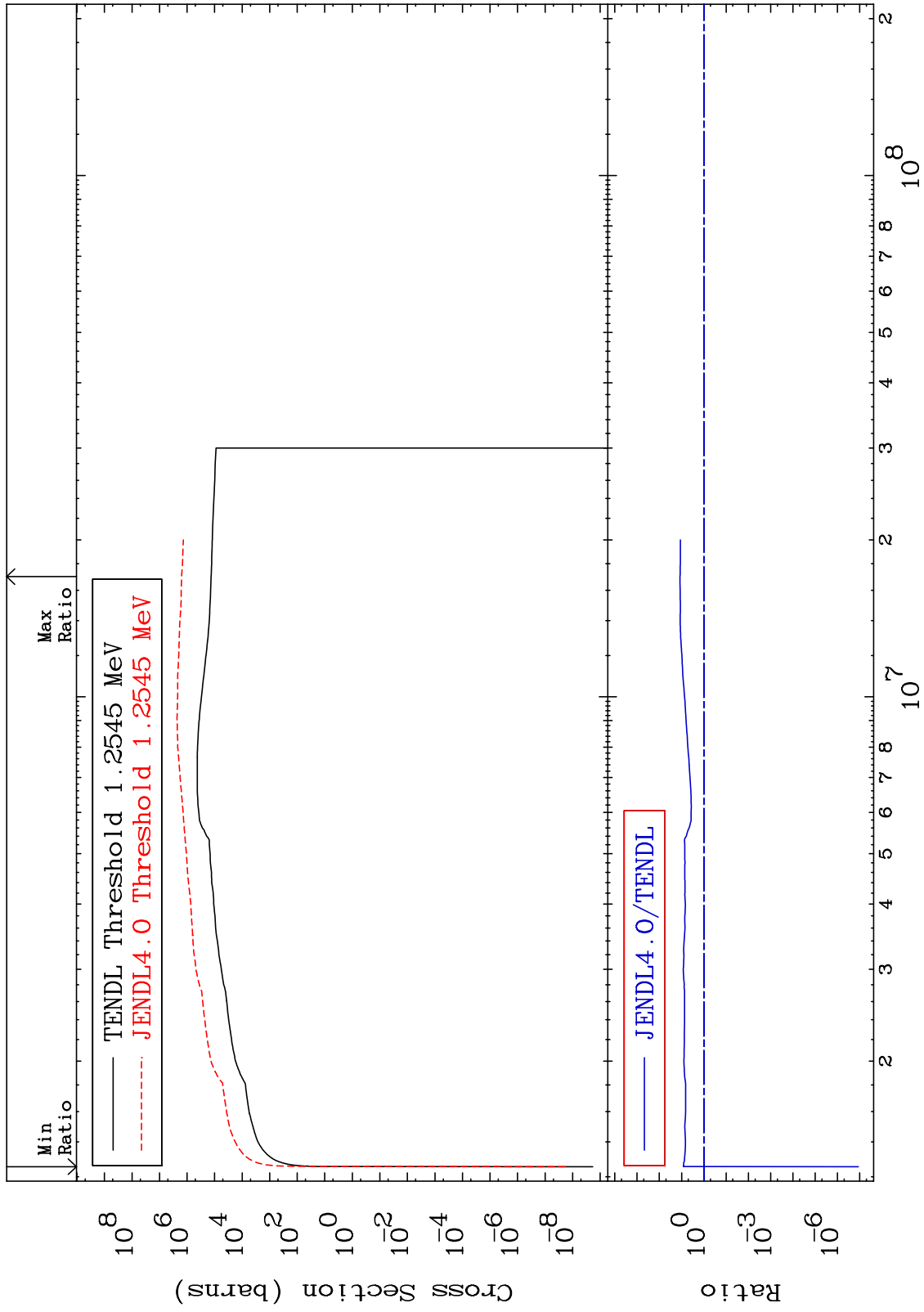
17-Cl-35
-89.32 To 9999. %



MAT 1725

Kerma inelastic (mt51-91)
Cross Section

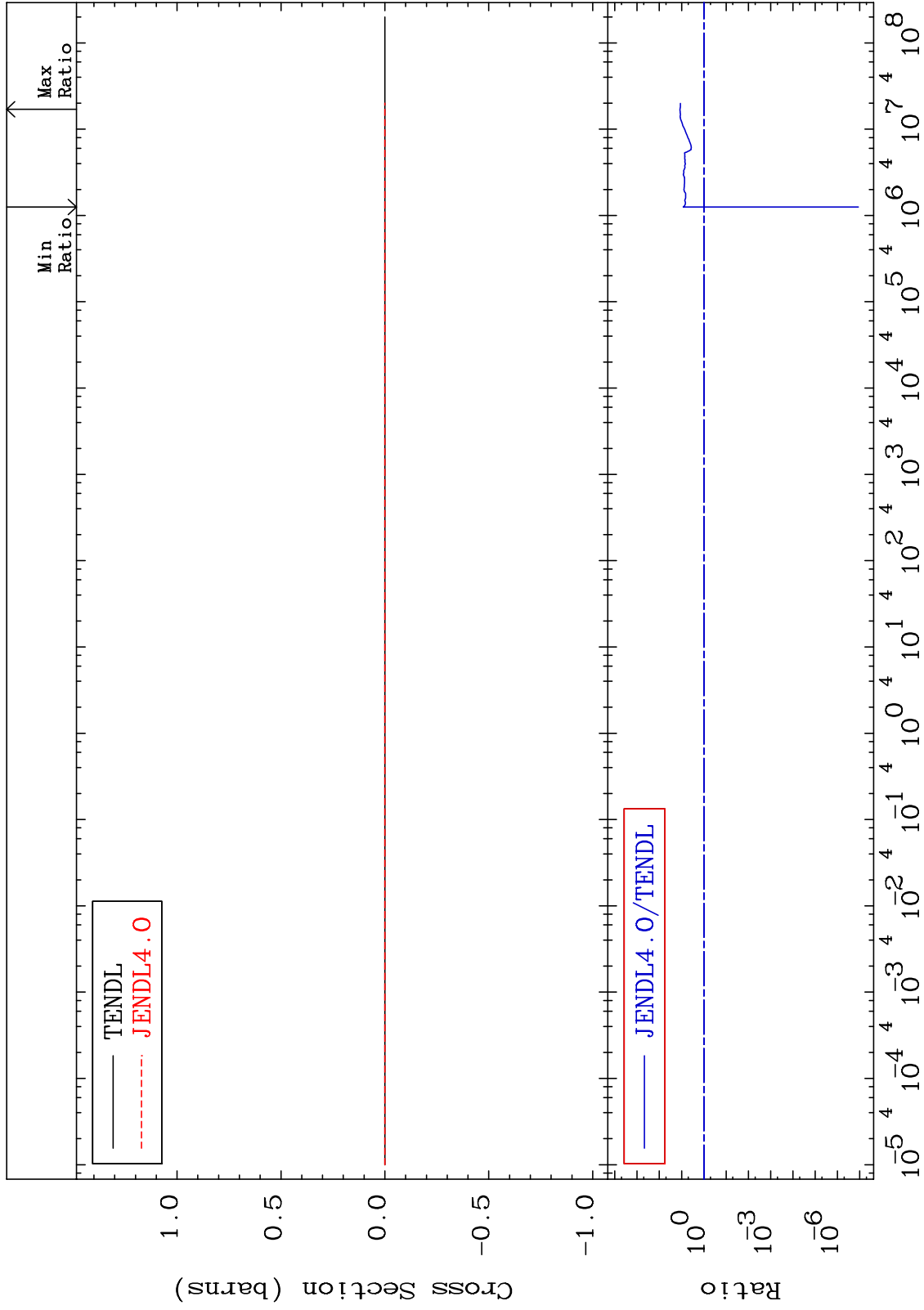
17-Cl-35
-100.0 To 1077. %



MAT 1725

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

17-CI-35
-100.0 To 1077. %



45

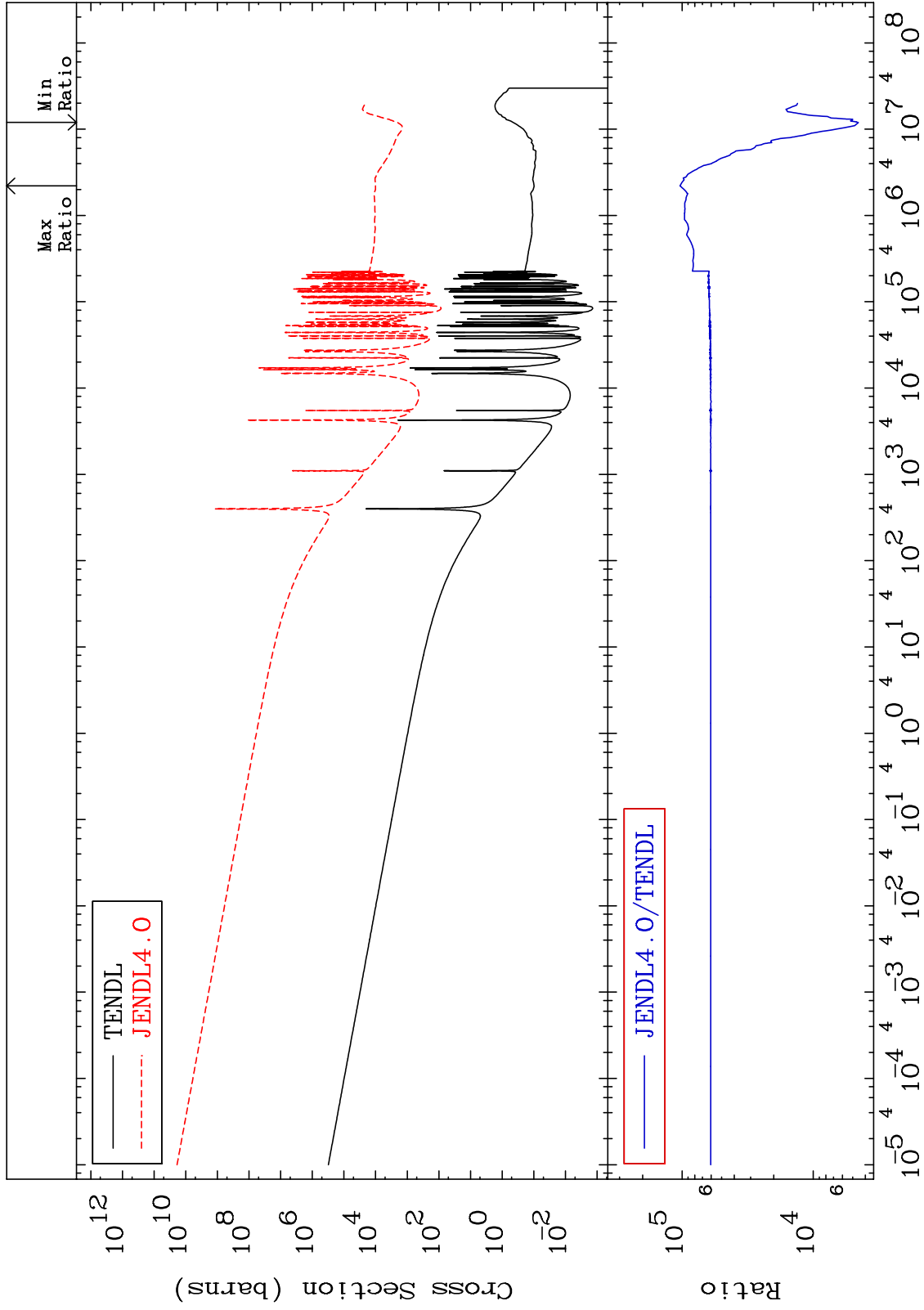
Incident Energy (eV)

17-CI-35

MAT 1725

Kerma capture (mt102)
Cross Section

17-Cl-35
9999. To 9999. %



46

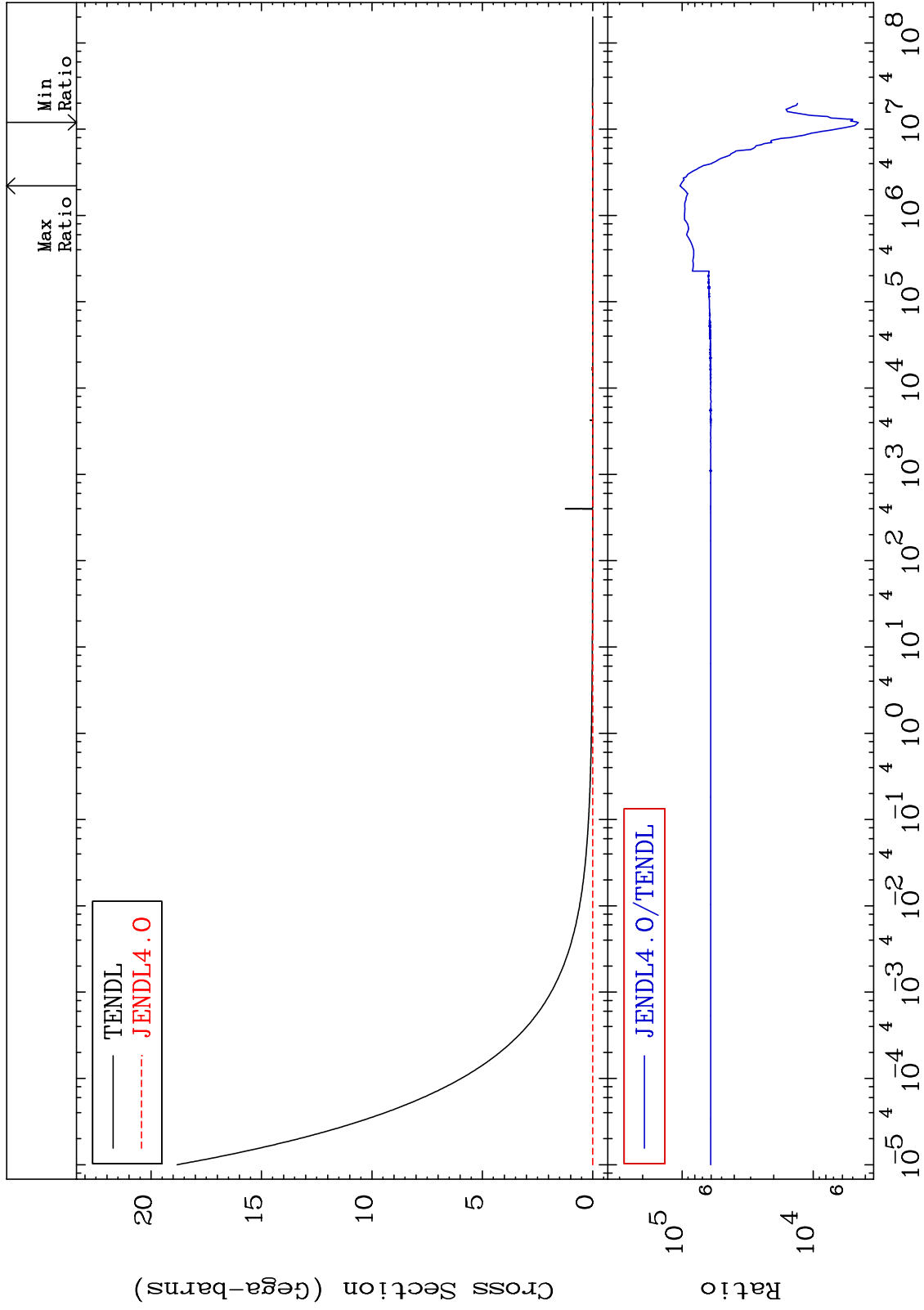
Incident Energy (eV)

17-Cl-35

MAT 1725

Total photon (eV-barns)
Cross Section

17-Cl-35
9999. To 9999. %



47

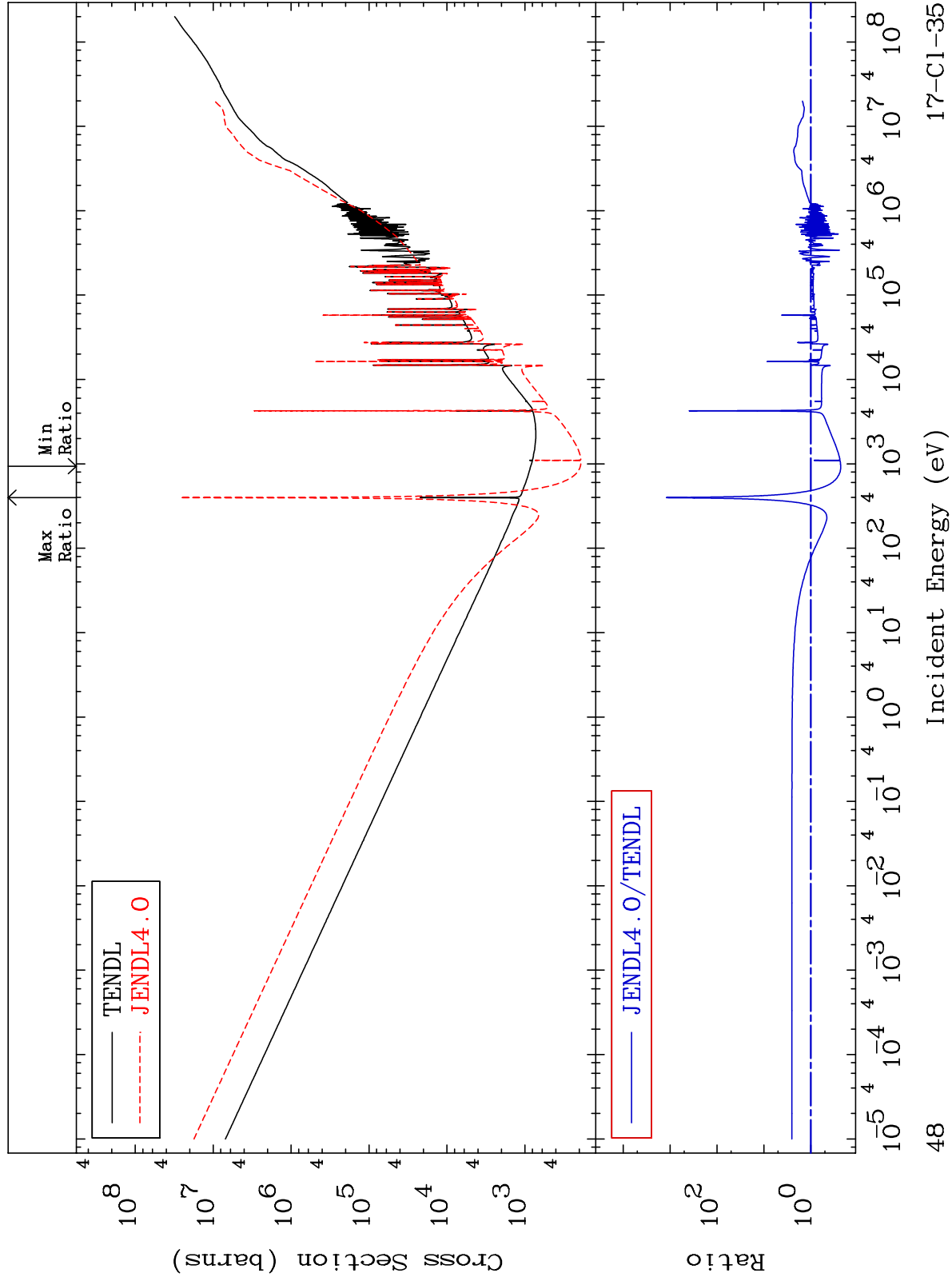
Incident Energy (eV)

17-Cl-35

MAT 1725

Total kinematic kerma (high limit)
Cross Section

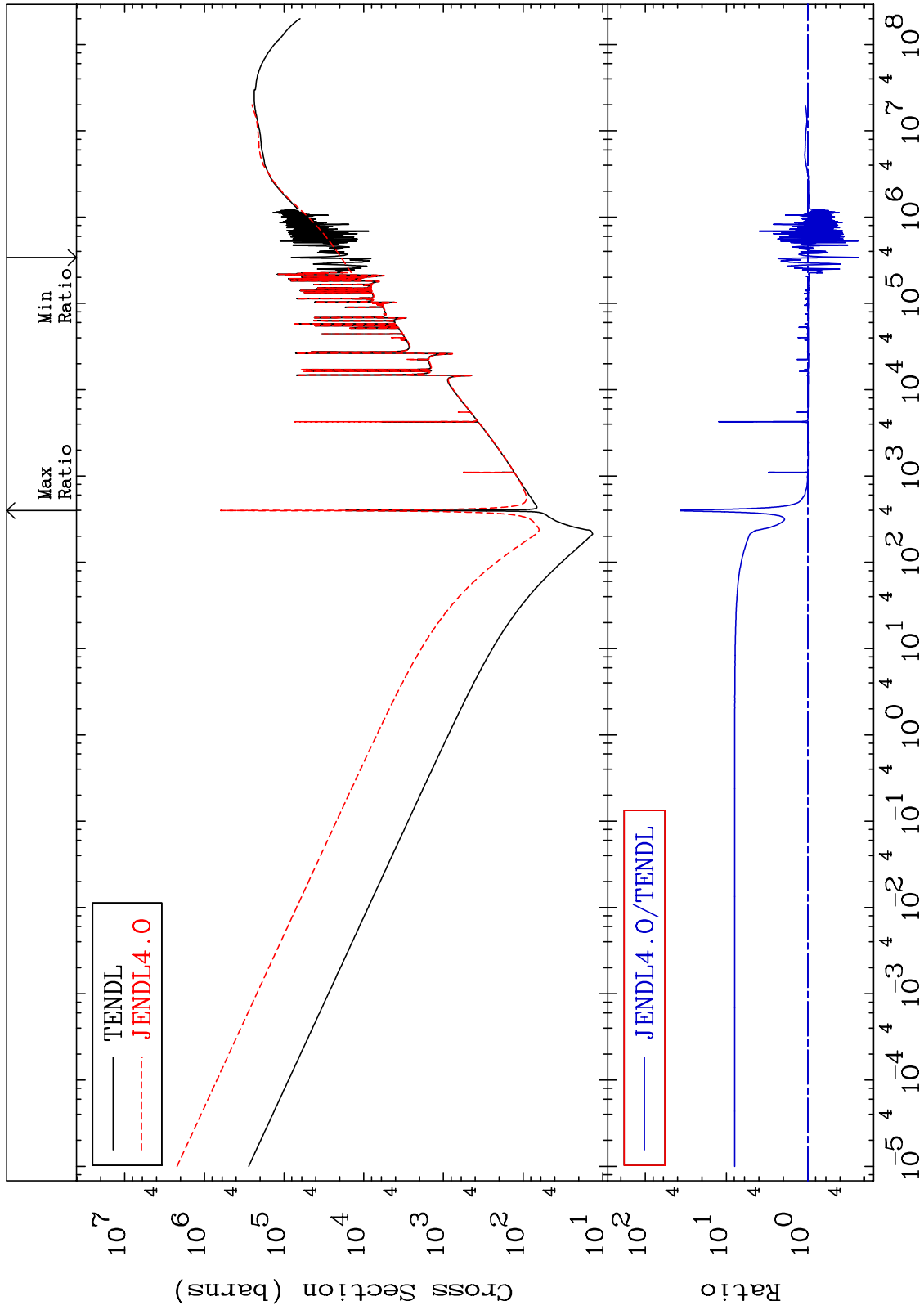
17-Cl-35
-76.93 To 9999. %



MAT 1725

Dpa total (eV-barns)
Cross Section

17-Cl-35
-76.22 To 3633. %



49

Incident Energy (eV)

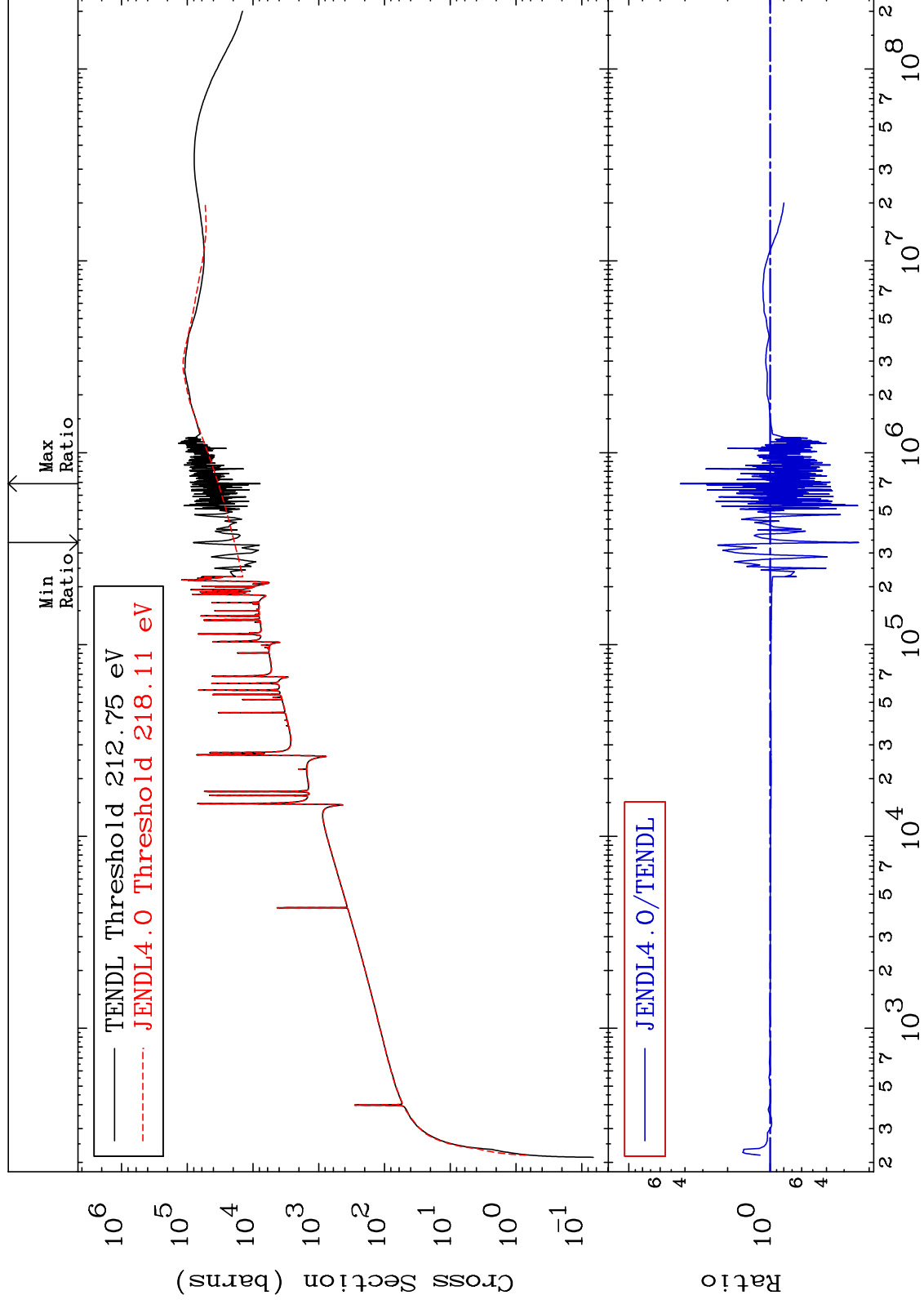
17-Cl-35

MAT 1725

Dpa elastic (mt2)
Cross Section

17-Cl-35

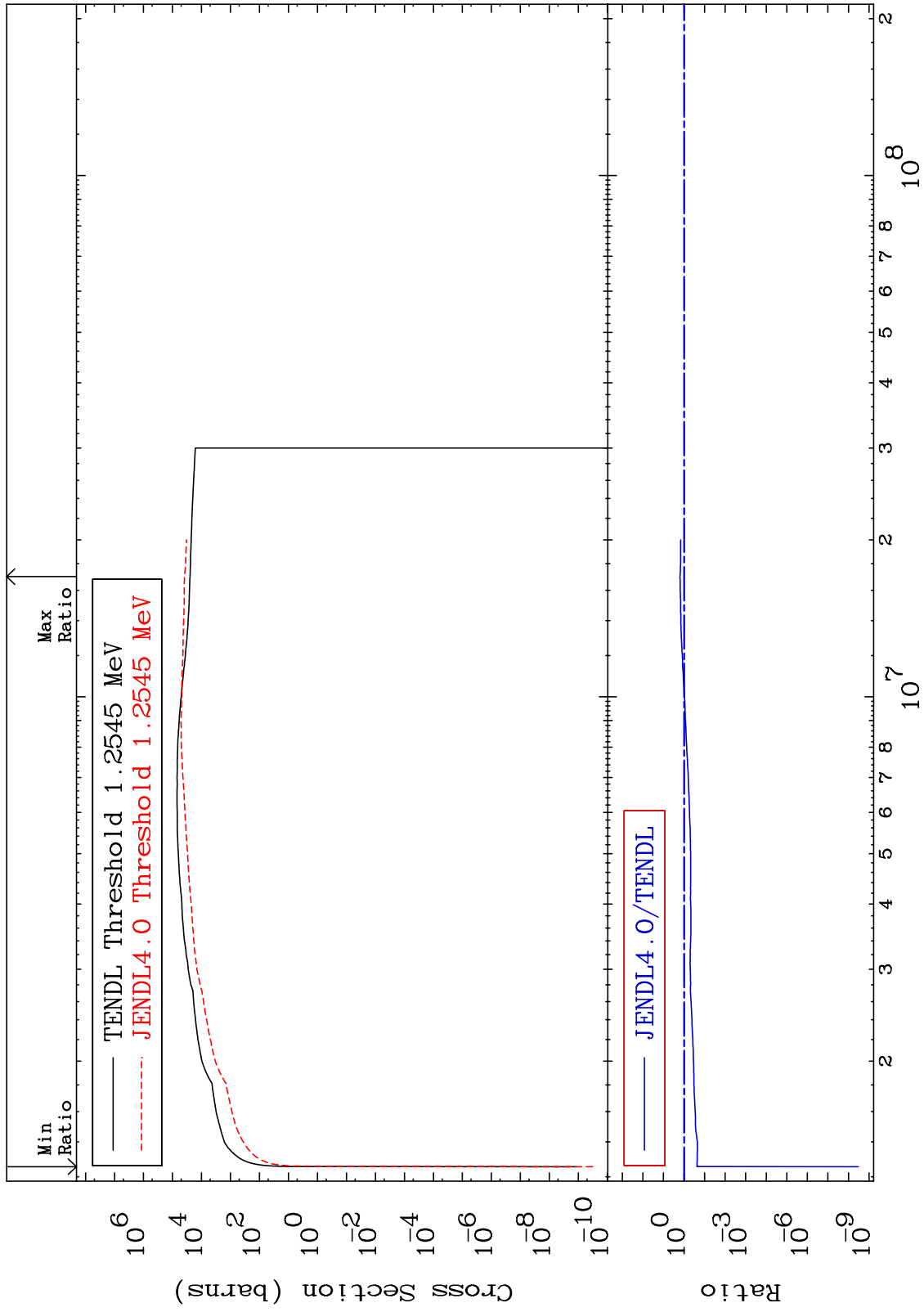
-76.26 To 331.0 %



MAT 1725

Dpa inelastic (mt51-91)
Cross Section

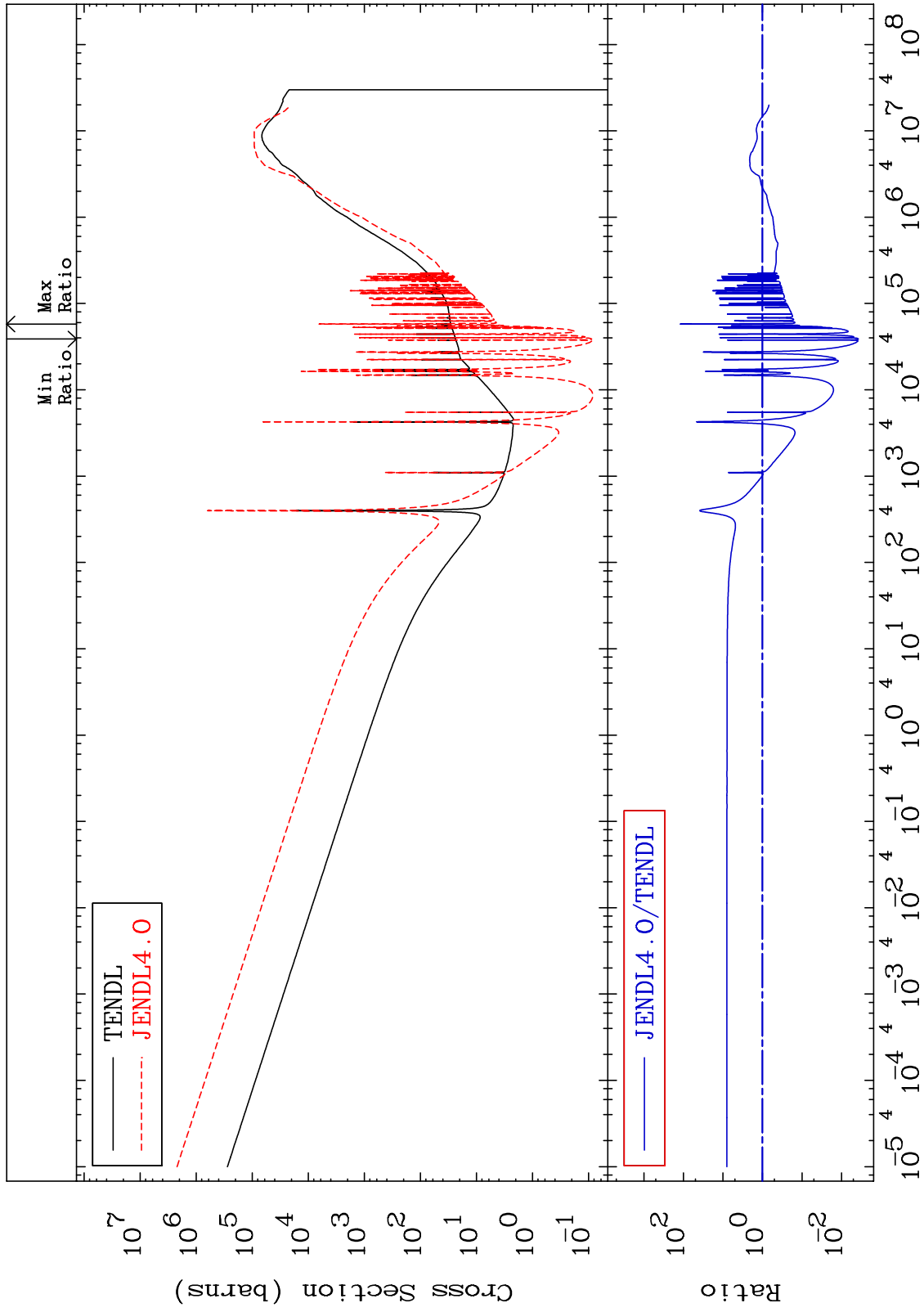
17-Cl-35
-100.0 To 56.63 %



MAT 1725

Dpa disappearance (mt102 -120)
Cross Section

17-CI-35
-99.63 To 9999. %



52

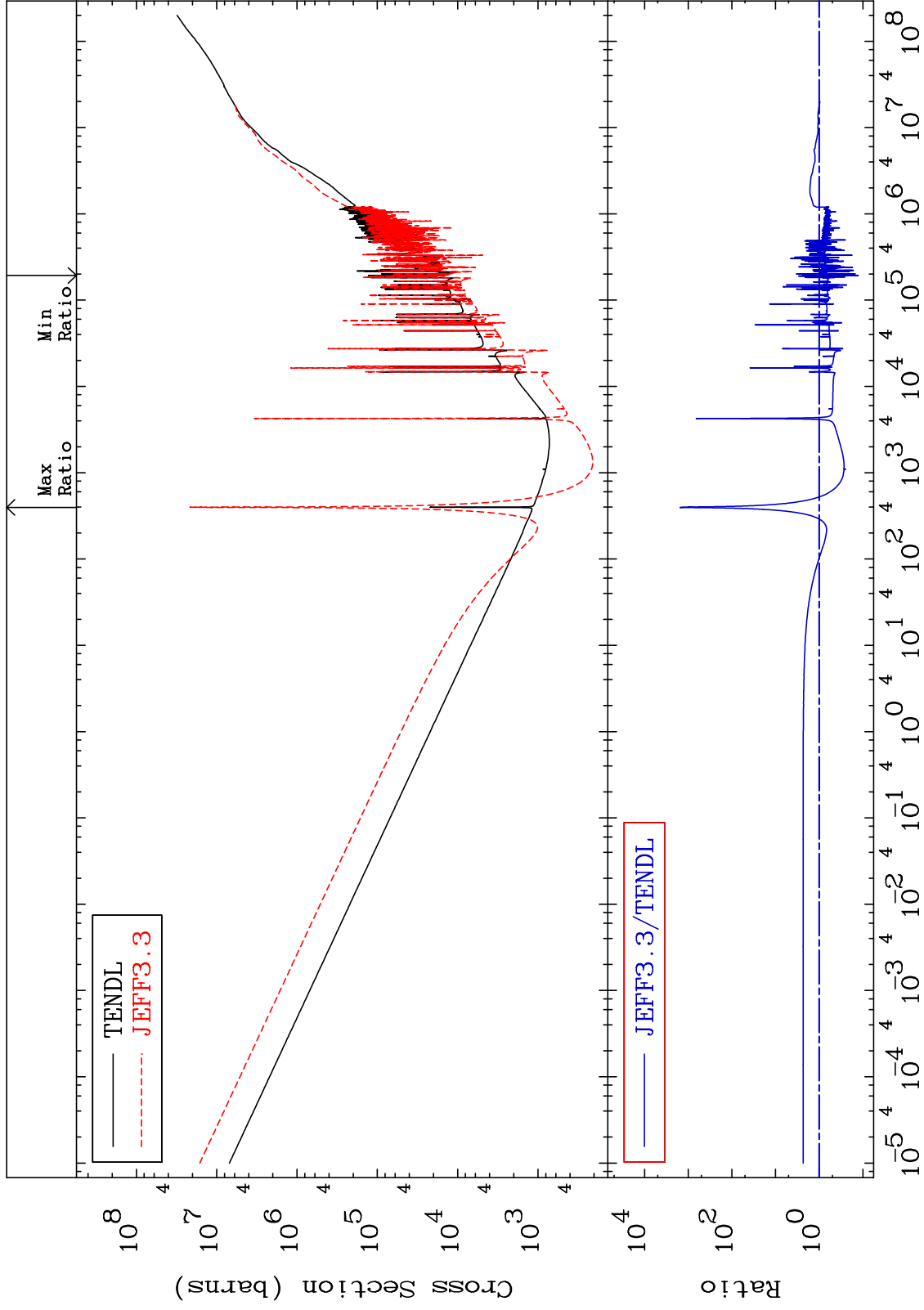
Incident Energy (eV)

17-CI-35

MAT 1725

Total kinematic kerma (high limit)
Cross Section

17-Cl-35
-87.37 To 9999. %



53

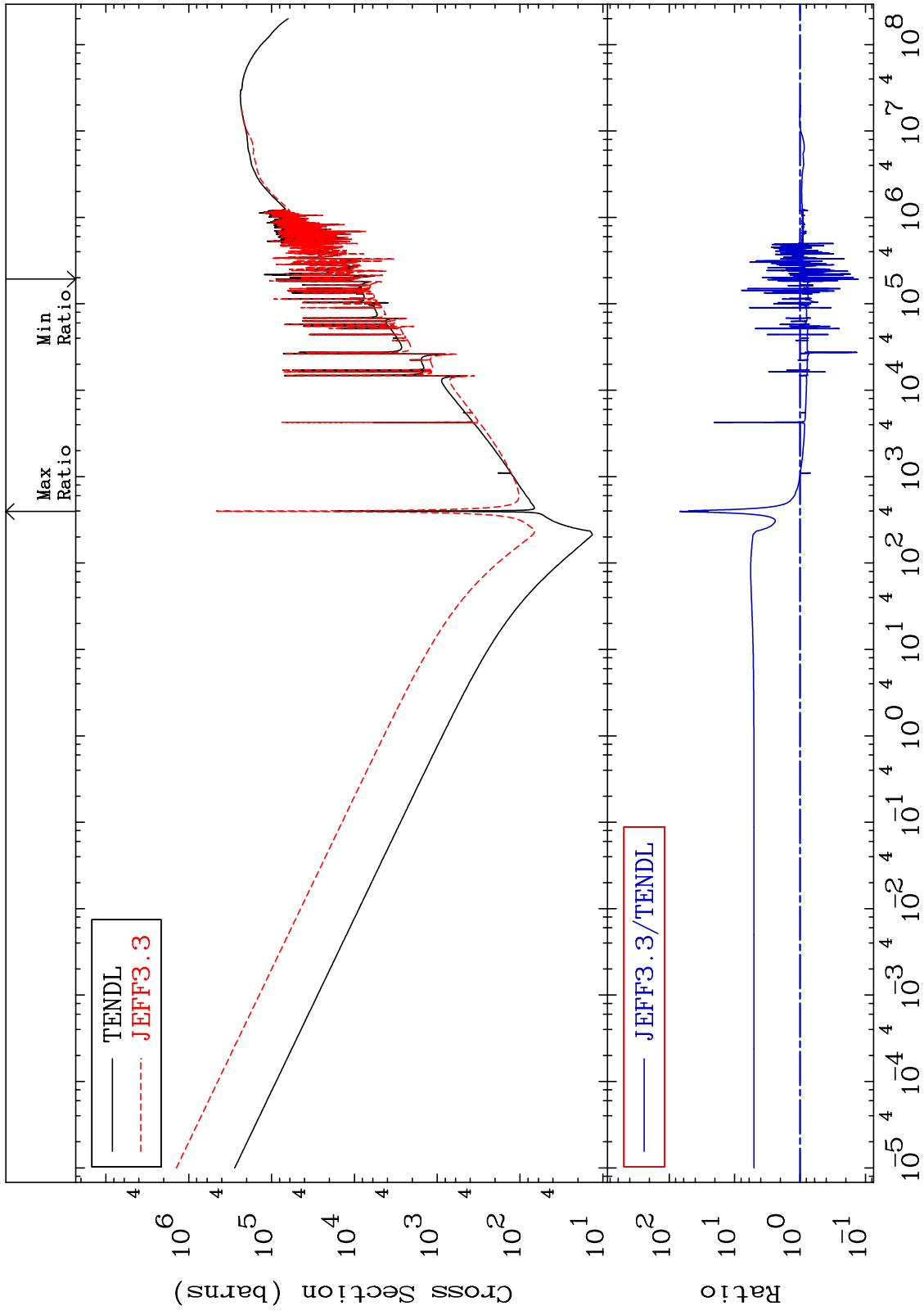
Incident Energy (eV)

17-Cl-35

MAT 1725

Dpa total (eV-barns)
Cross Section

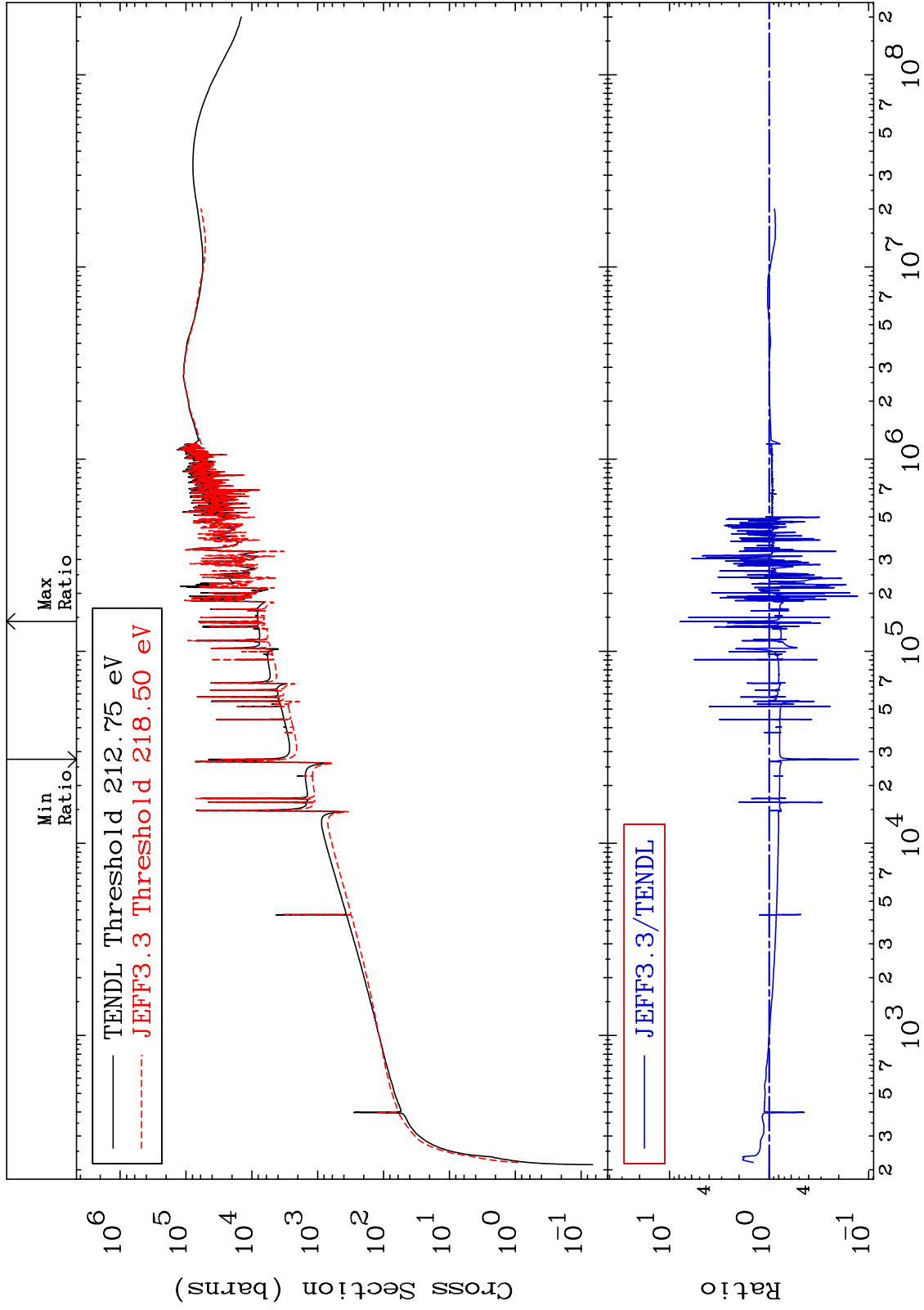
17-Cl-35
-87.13 To 6783. %



MAT 1725

Dpa elastic (mt2)
Cross Section

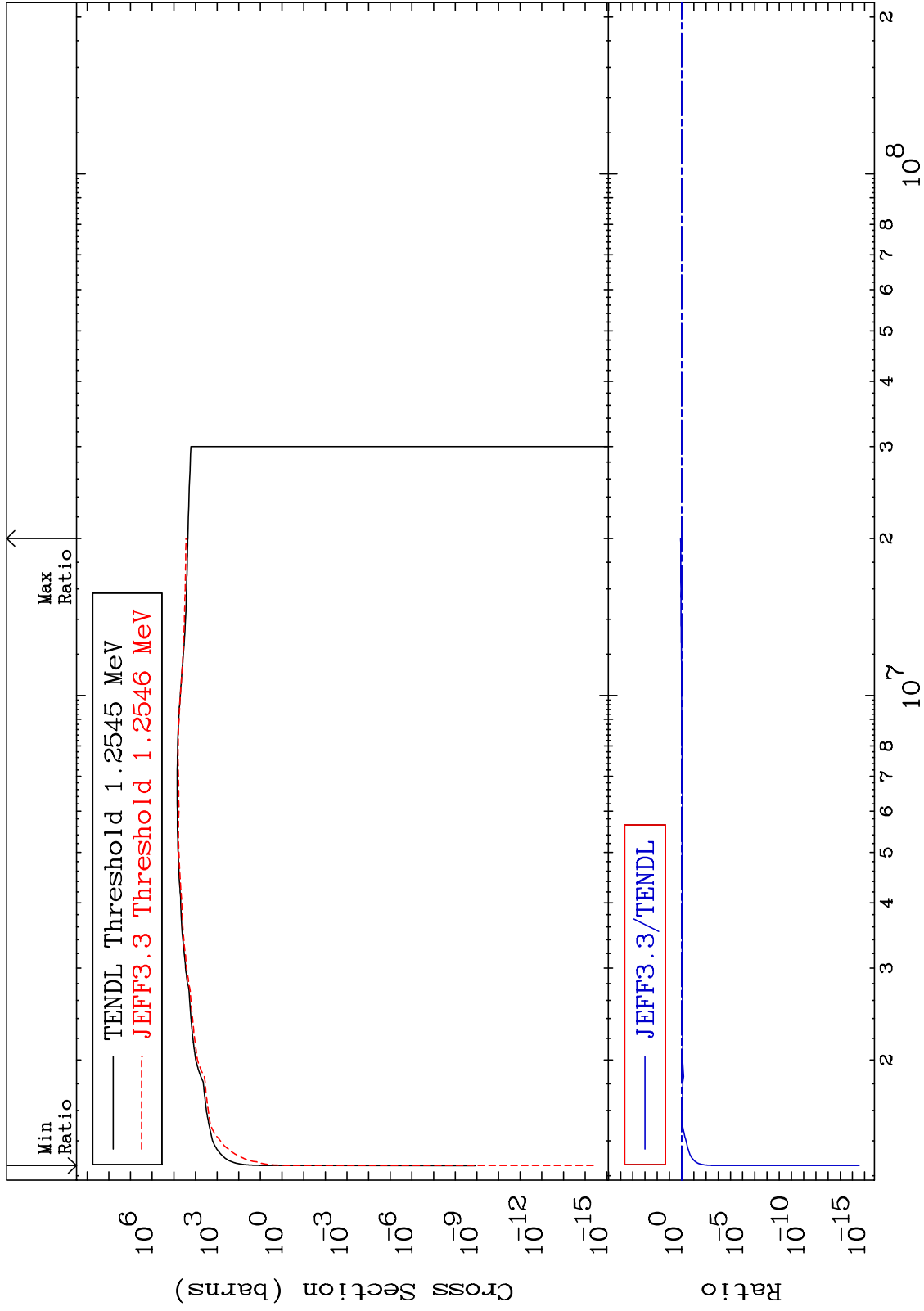
17-Cl-35
-87.32 To 684.5 %



MAT 1725

Dpa inelastic (mt51-91)
Cross Section

17-Cl-35
-100.0 To 21.30 %



56

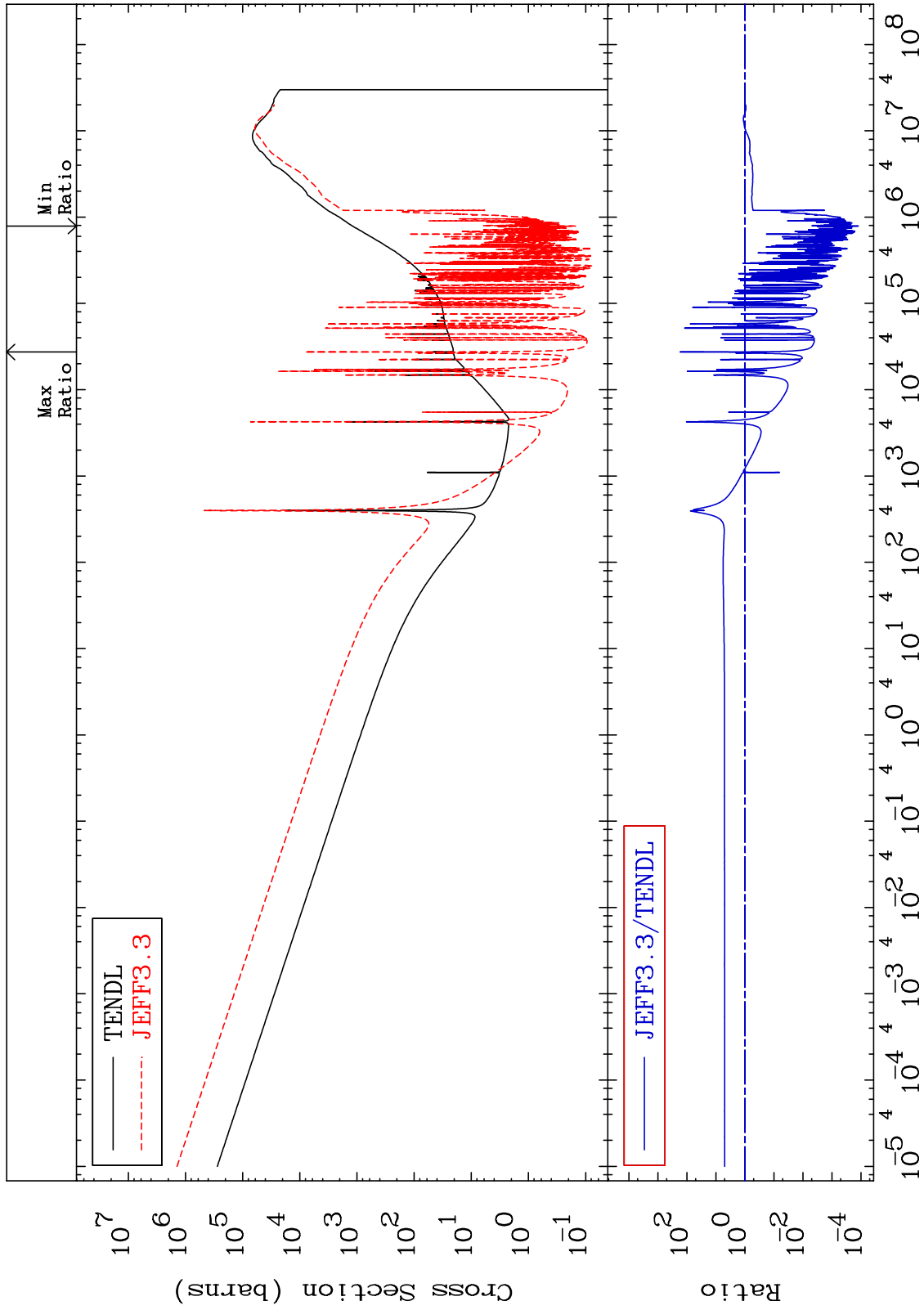
17-Cl-35

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