

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

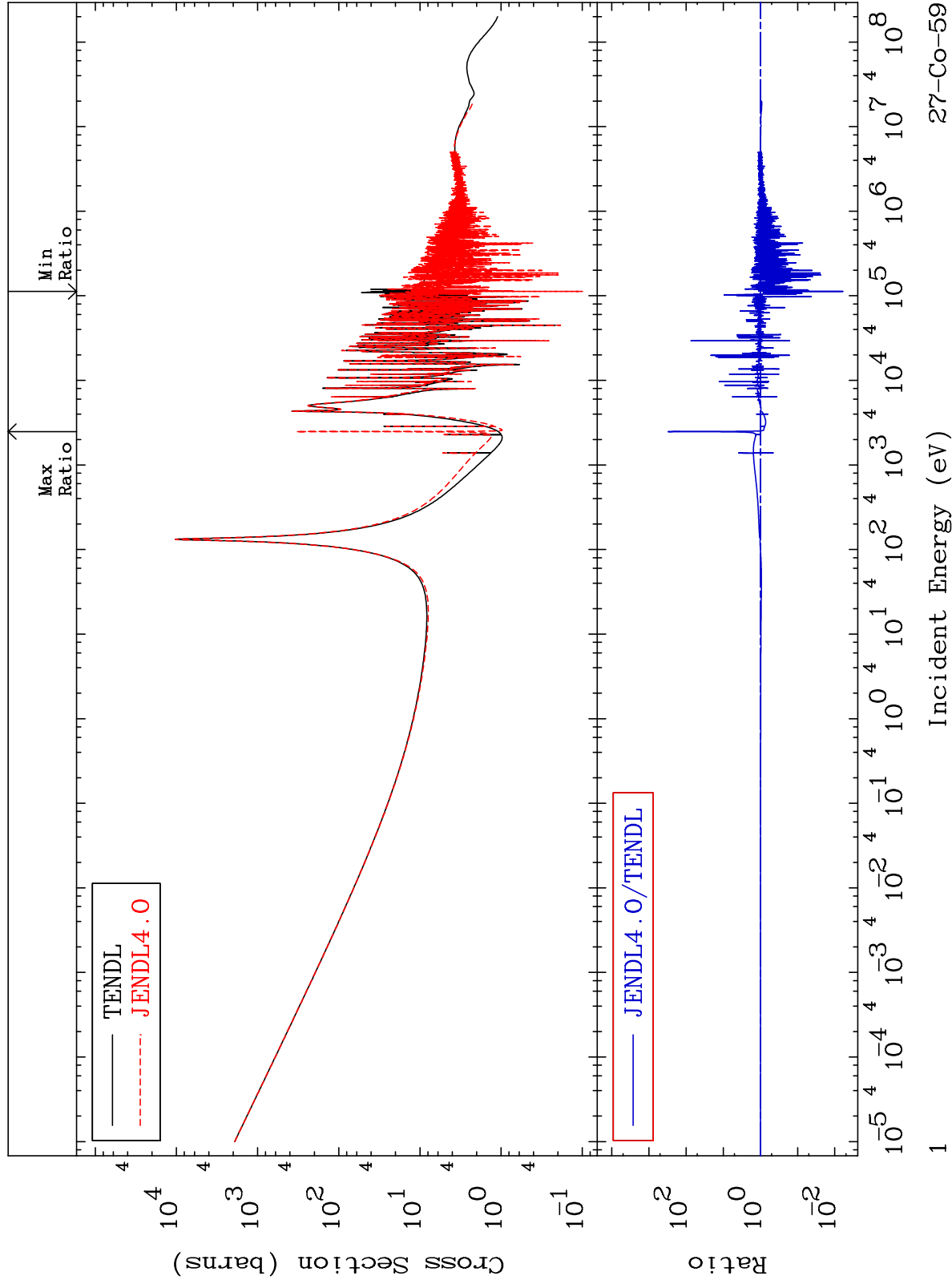
MAT 2725

Total

27-Co-59

Cross Section

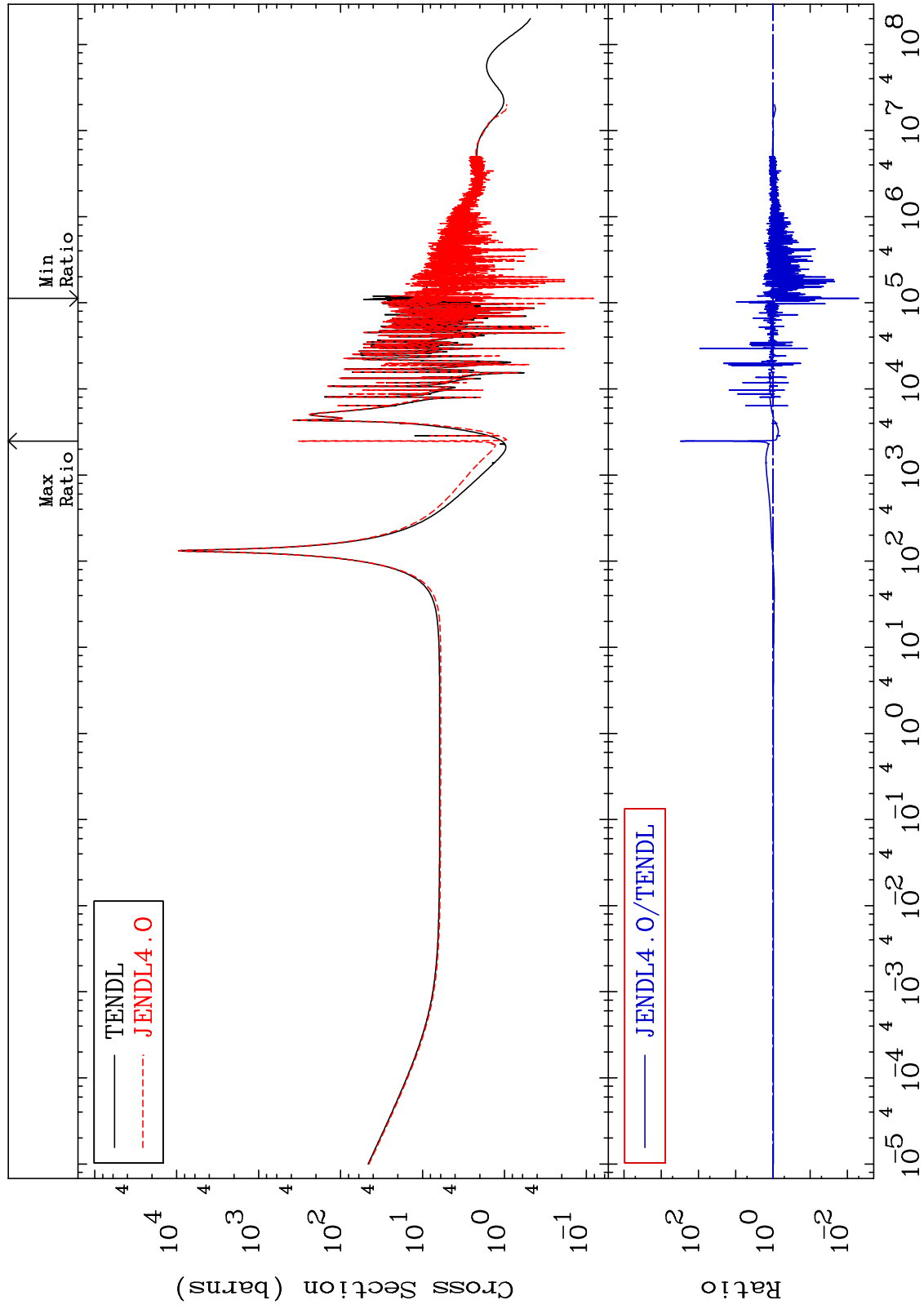
-99.39 To 9999. %



MAT 2725

Elastic
Cross Section

27-Co-59
-99.50 To 9999. %



2

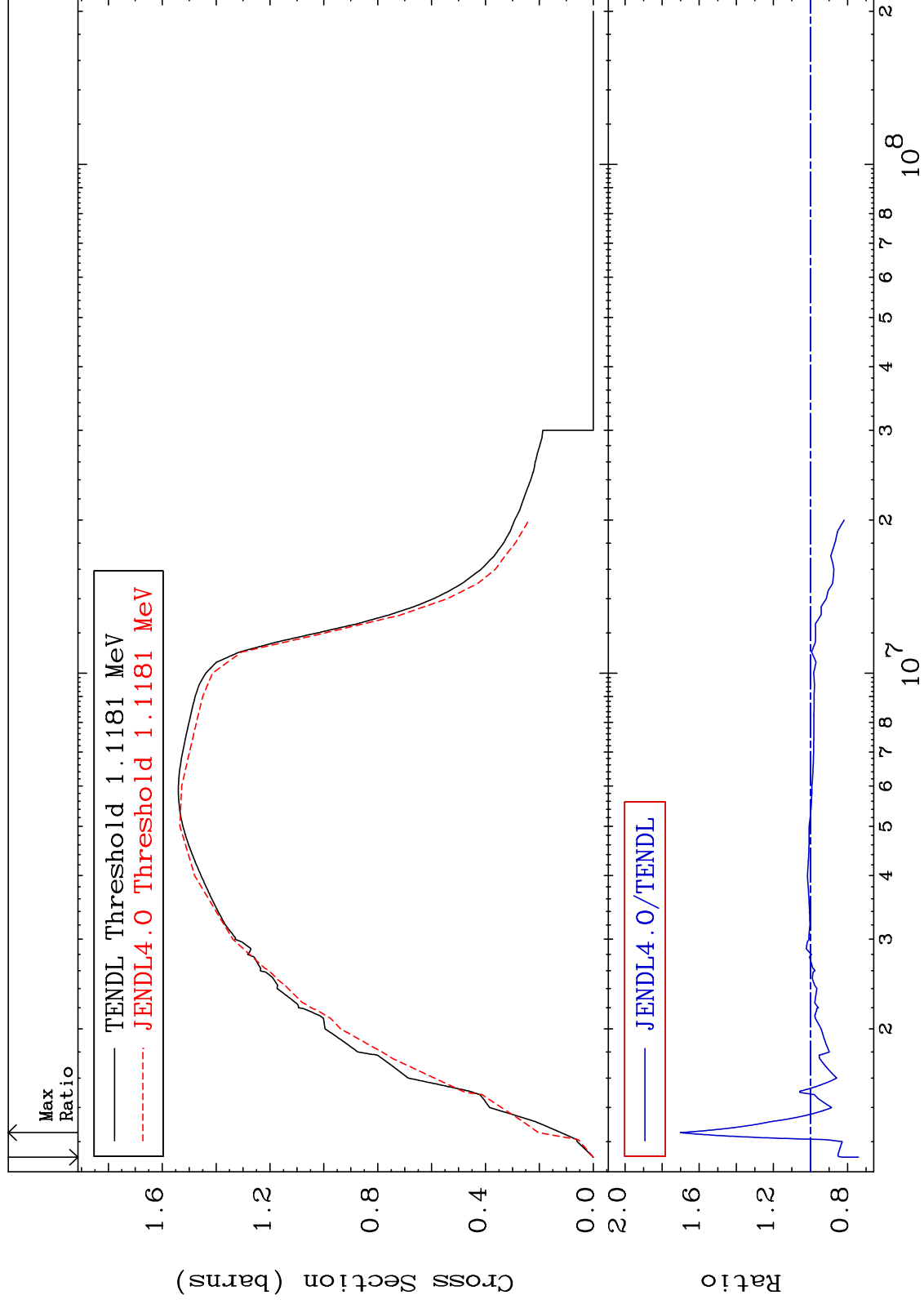
Incident Energy (eV)

27-Co-59

MAT 2725

Inelastic
Cross Section

27-Co-59
-25.92 To 70.11 %



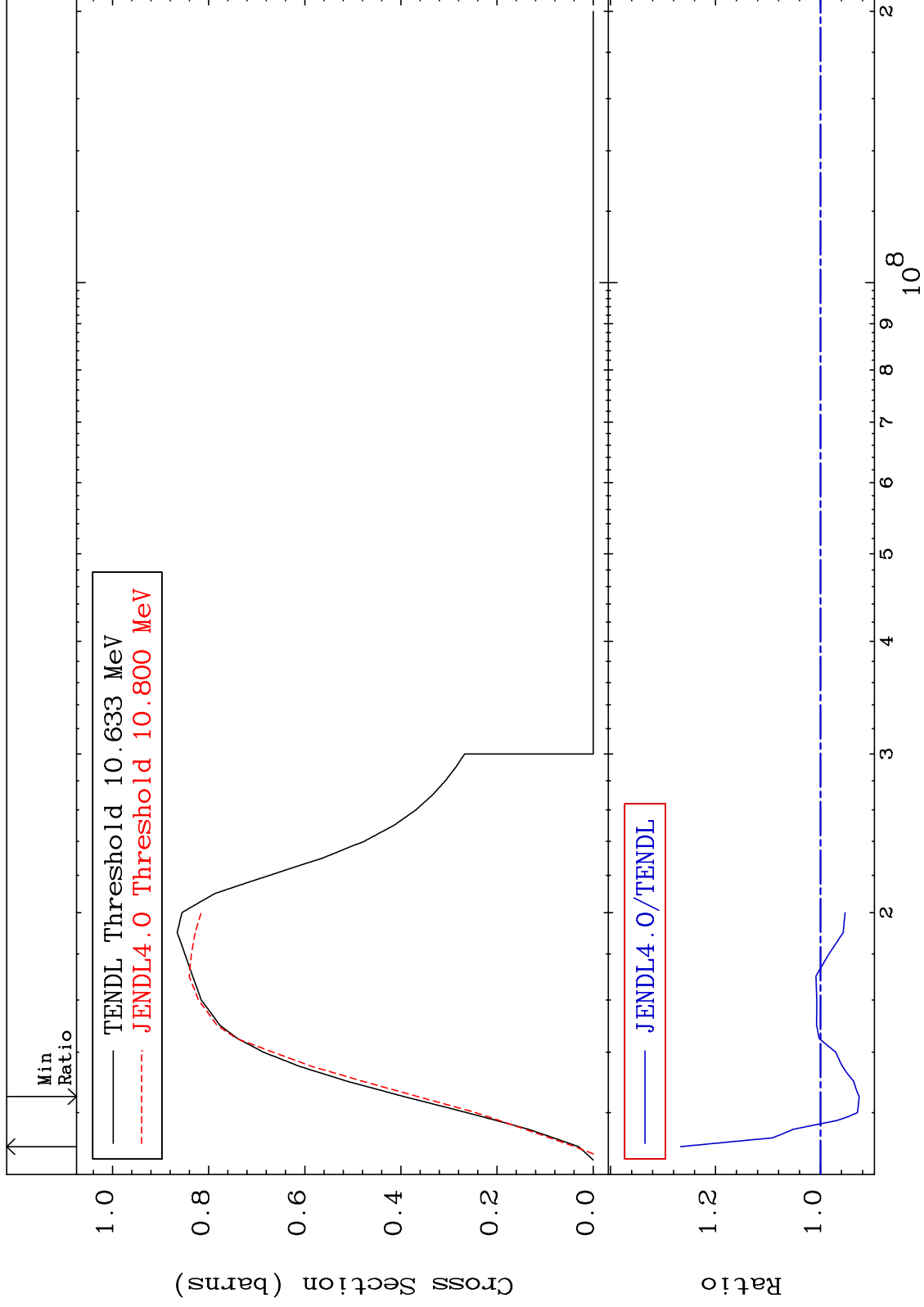
MAT 2725

(n,2n)

27-Co-59

Cross Section

-7.361 To 26.65 %



MAT 2725

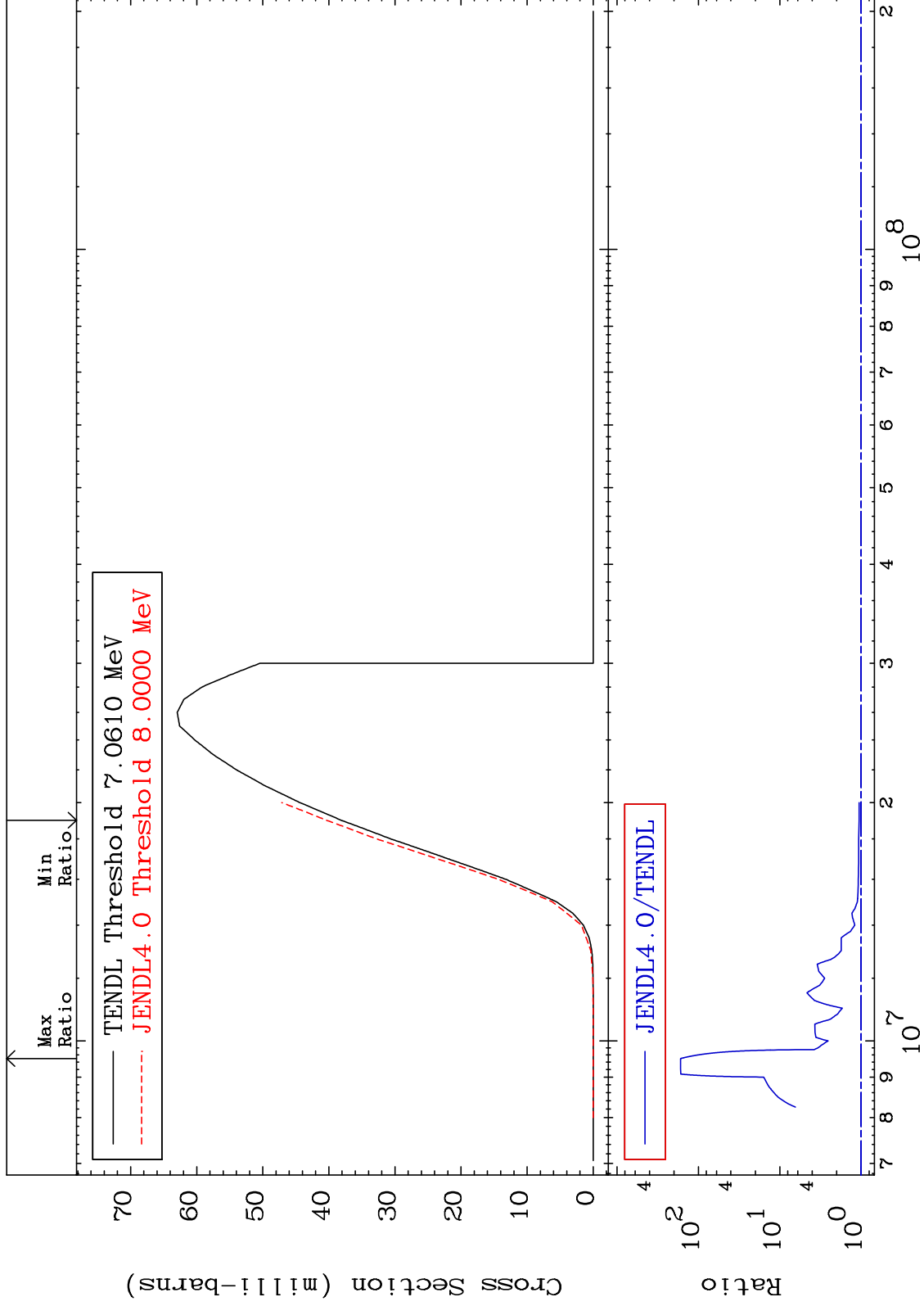
(n,n') α

27-Co-59

Cross Section

5.870

To 9999. %



5

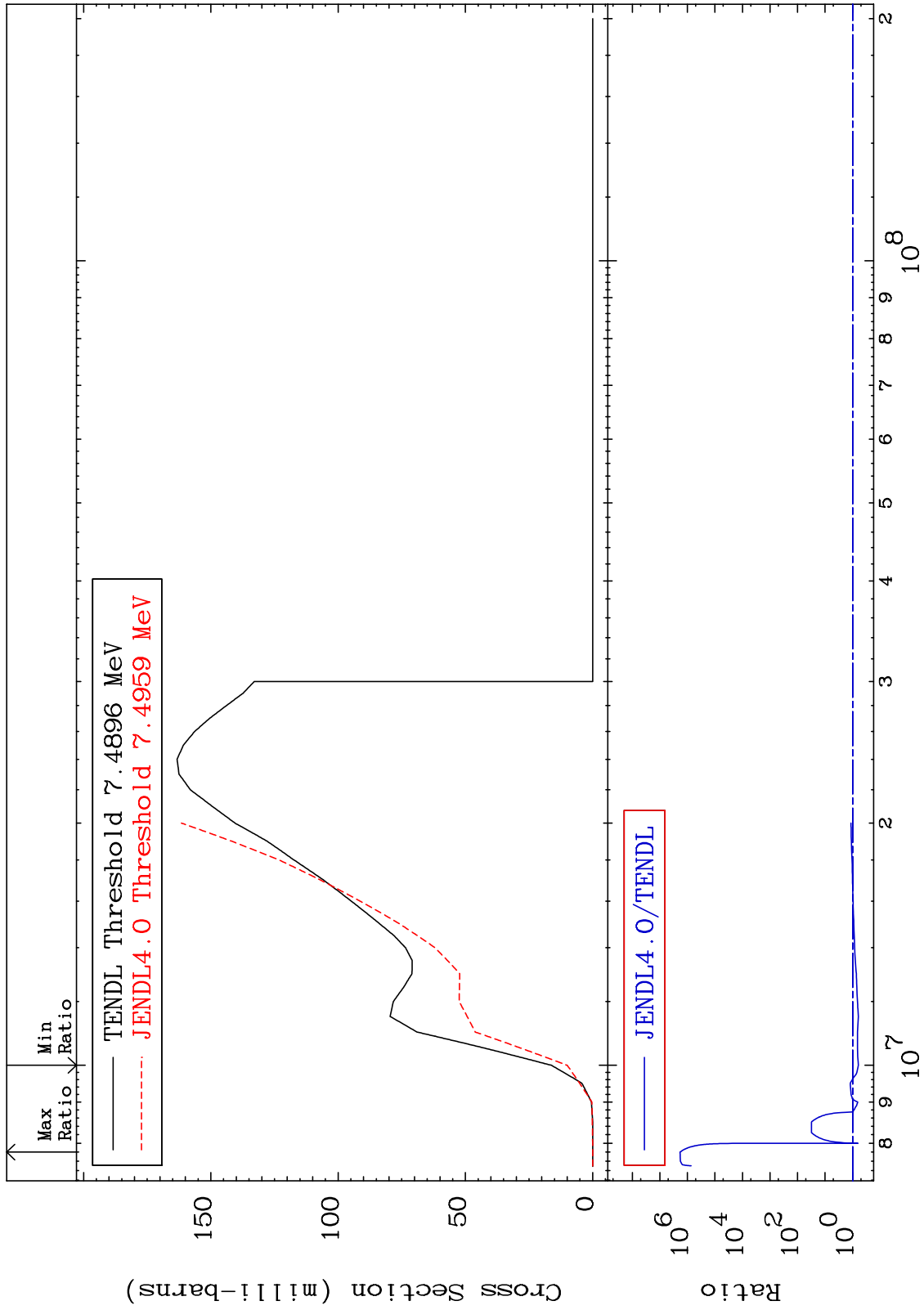
Incident Energy (eV)

27-Co-59

MAT 2725

(n,n') p
Cross Section

27-Co-59
-38.33 To 9999. %



6

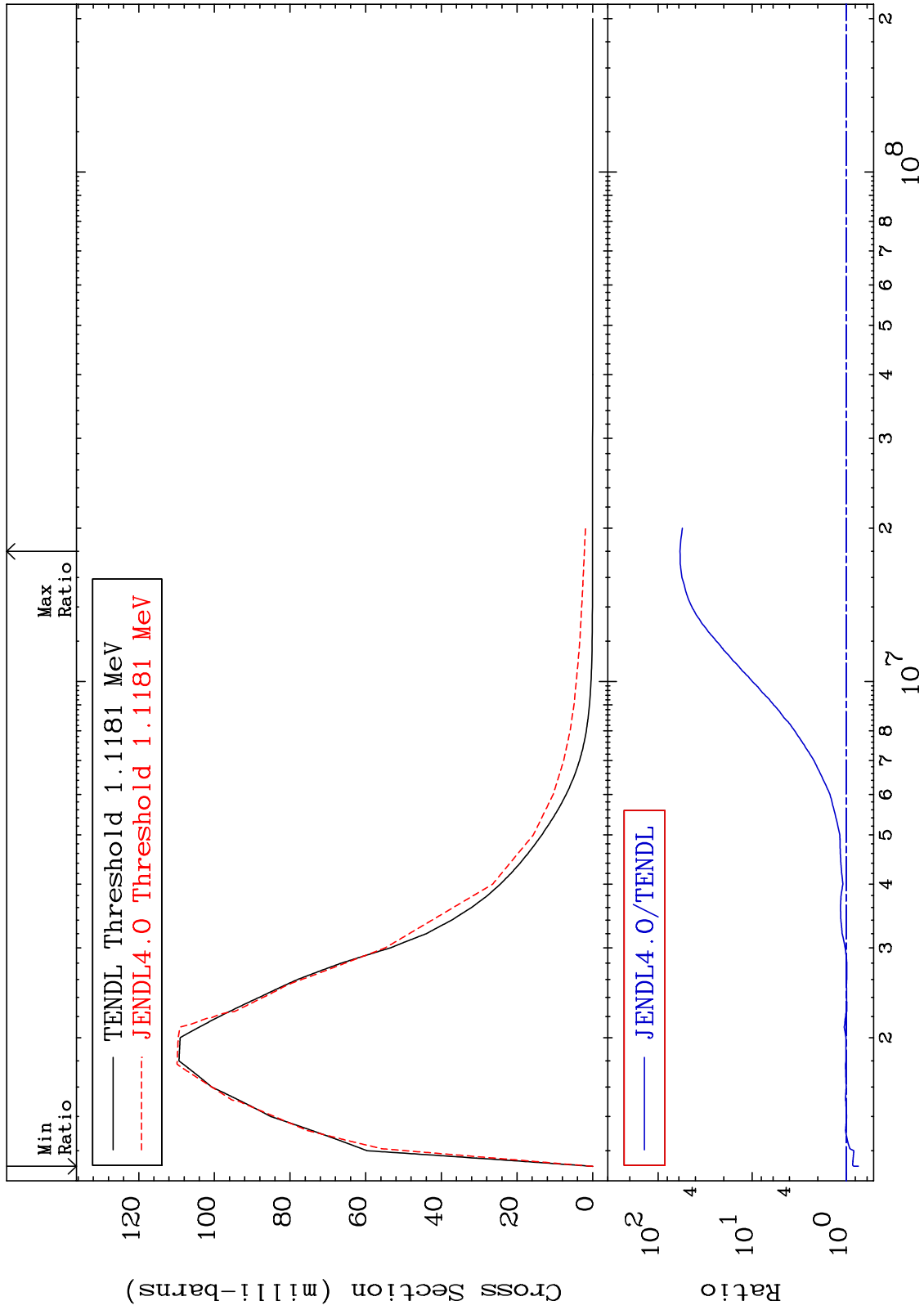
Incident Energy (eV)

27-Co-59

MAT 2725

MT= 51 (n,n') Level
Cross Section

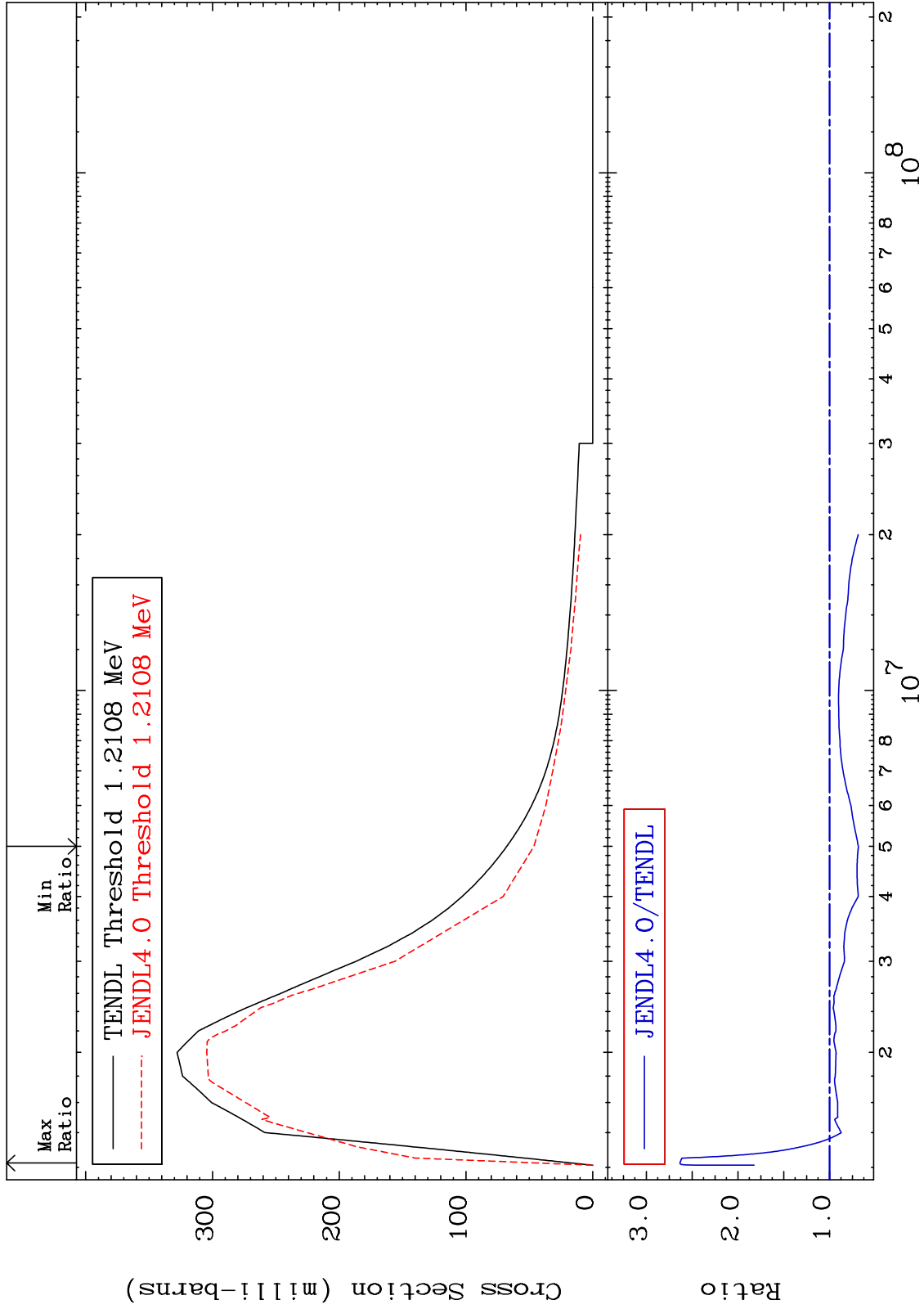
27-Co-59
-25.92 To 5744. %



MAT 2725

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

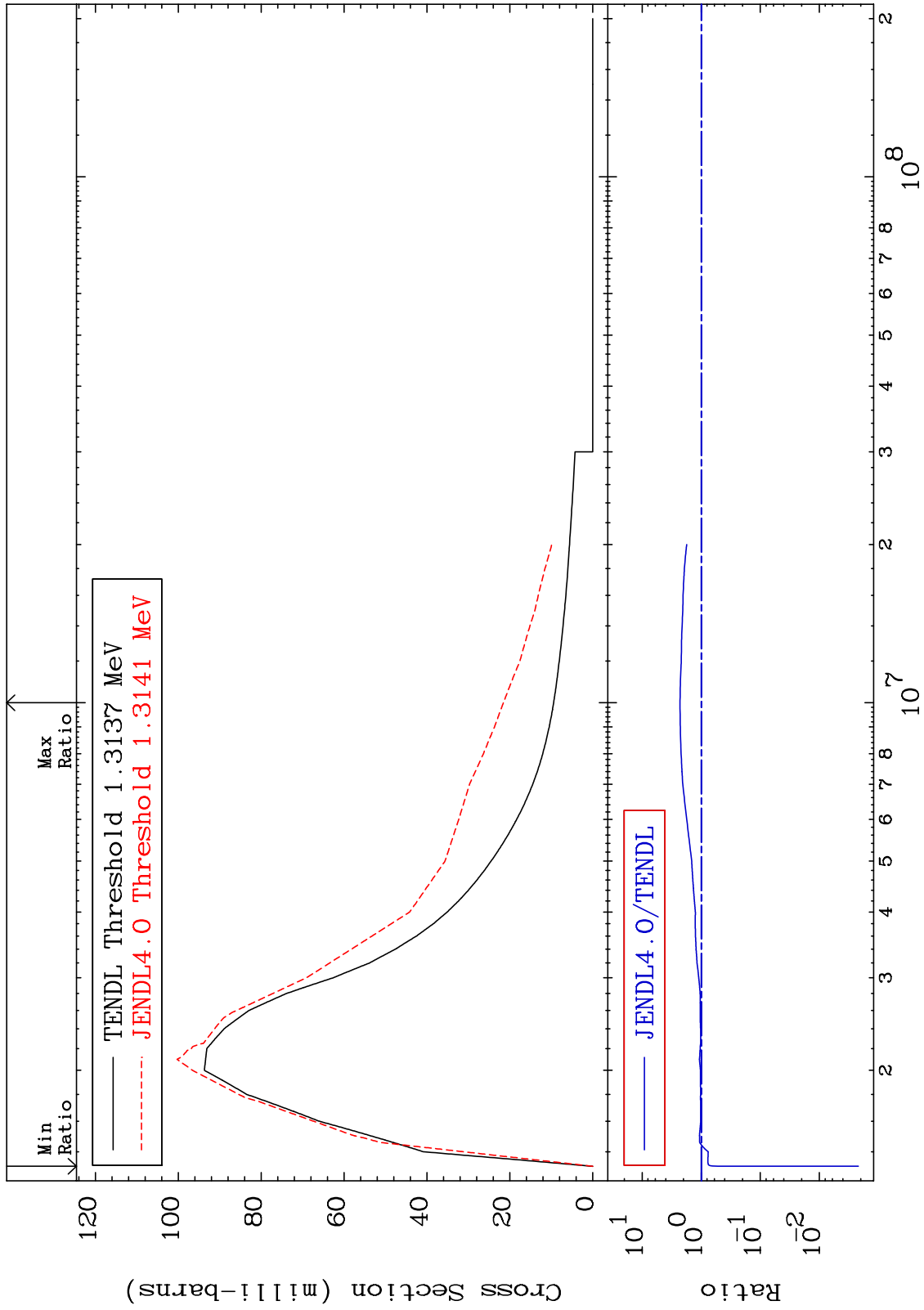
27-Co-59
-31.54 To 163.2 %



MAT 2725

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

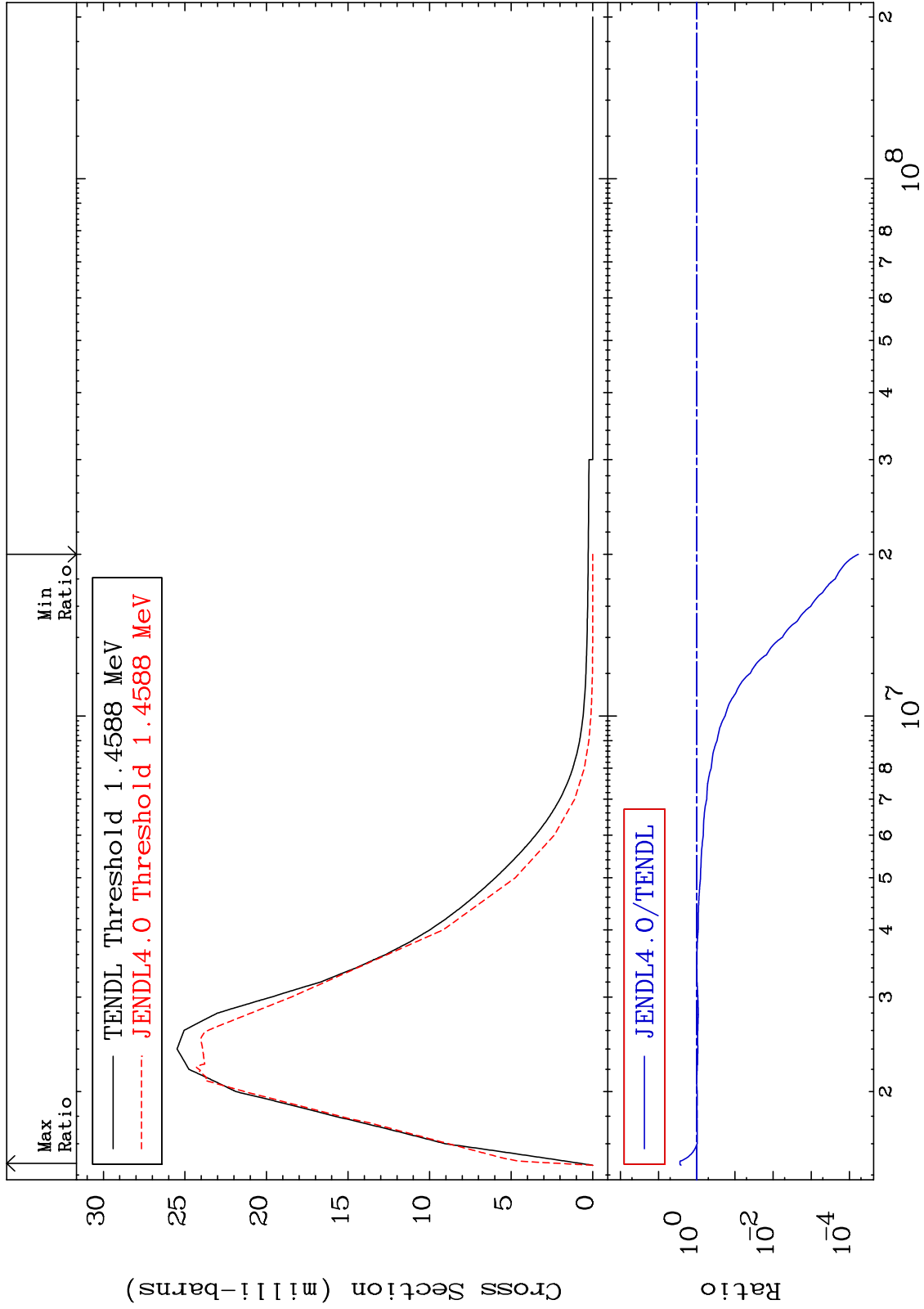
27-Co-59
-99.78 To 128.7 %



MAT 2725

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

27-Co-59
-99.99 To 174.3 %



10

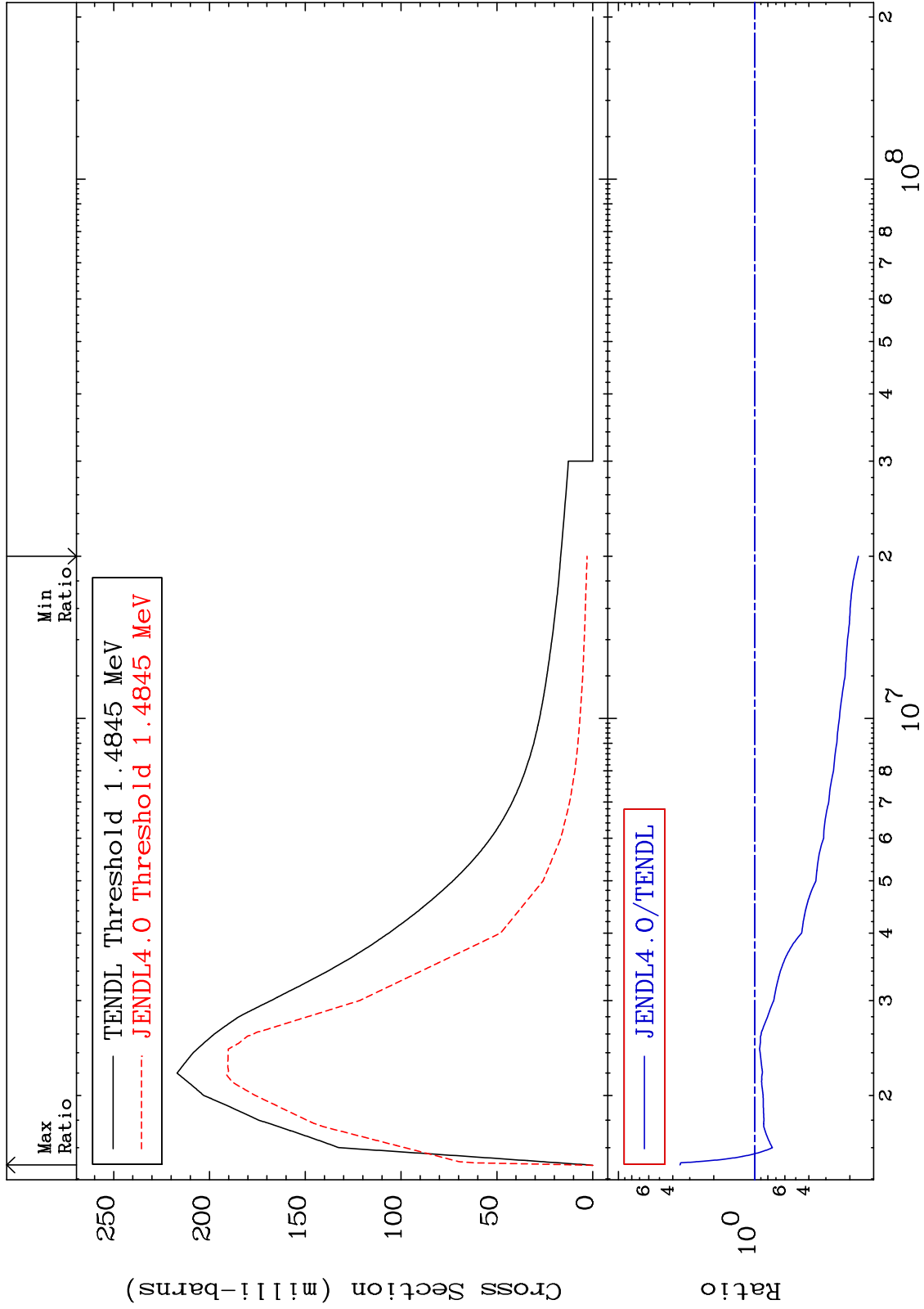
Incident Energy (eV)

27-Co-59

MAT 2725

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

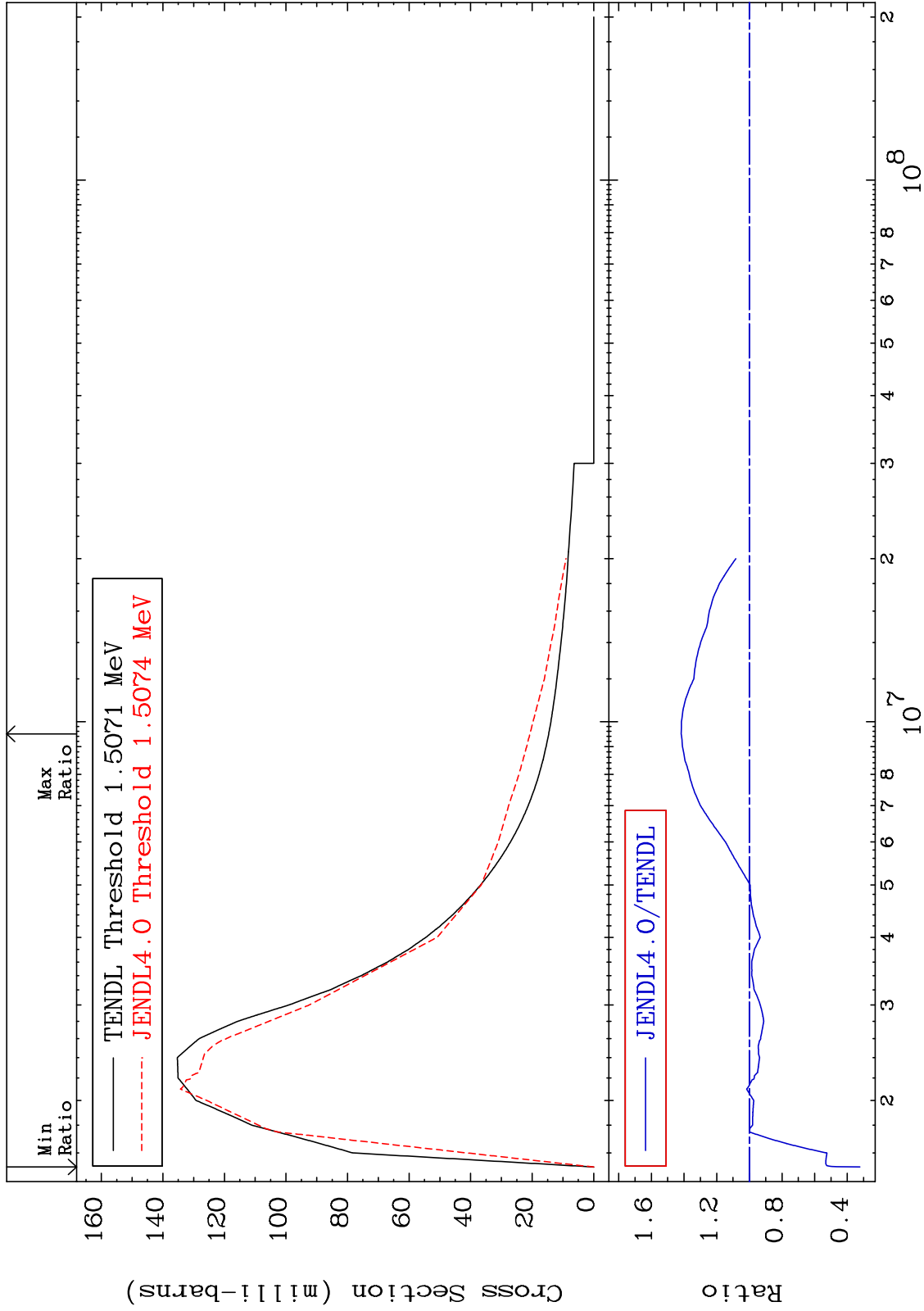
27-Co-59
-82.68 To 253.6 %



MAT 2725

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

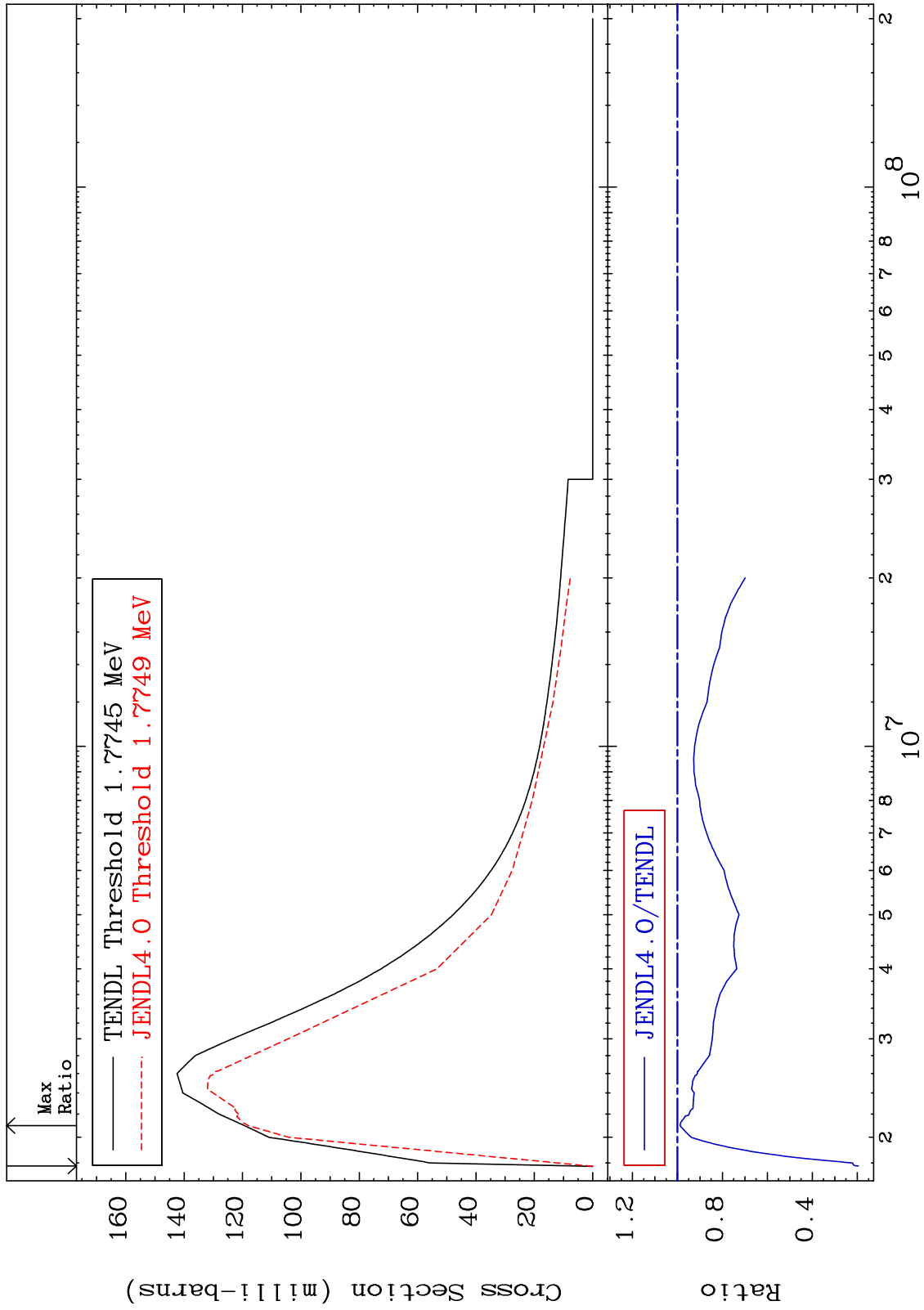
27-Co-59
-67.73 To 41.71 %



MAT 2725

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

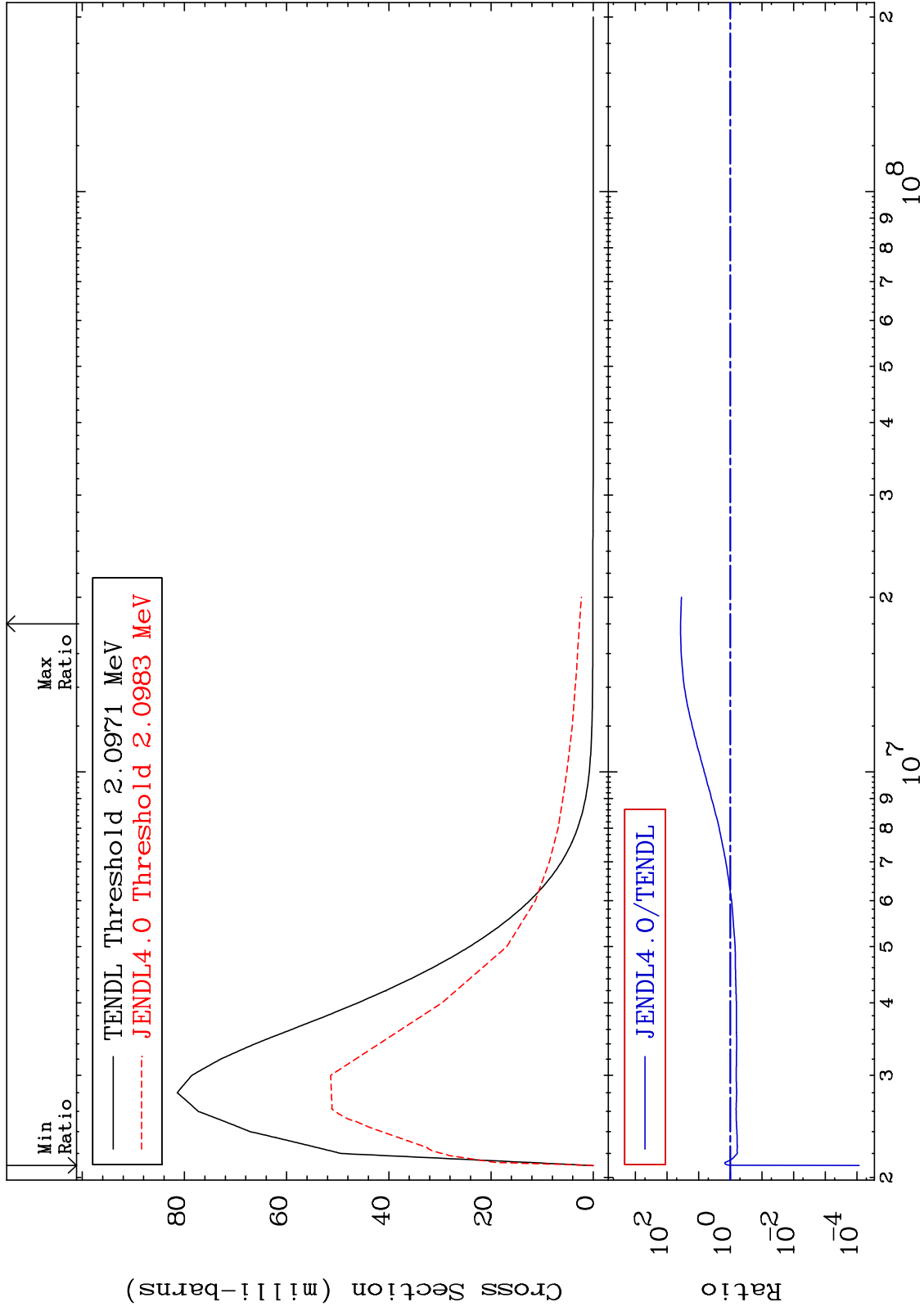
27-Co-59
-80.51 To -1.148%



MAT 2725

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

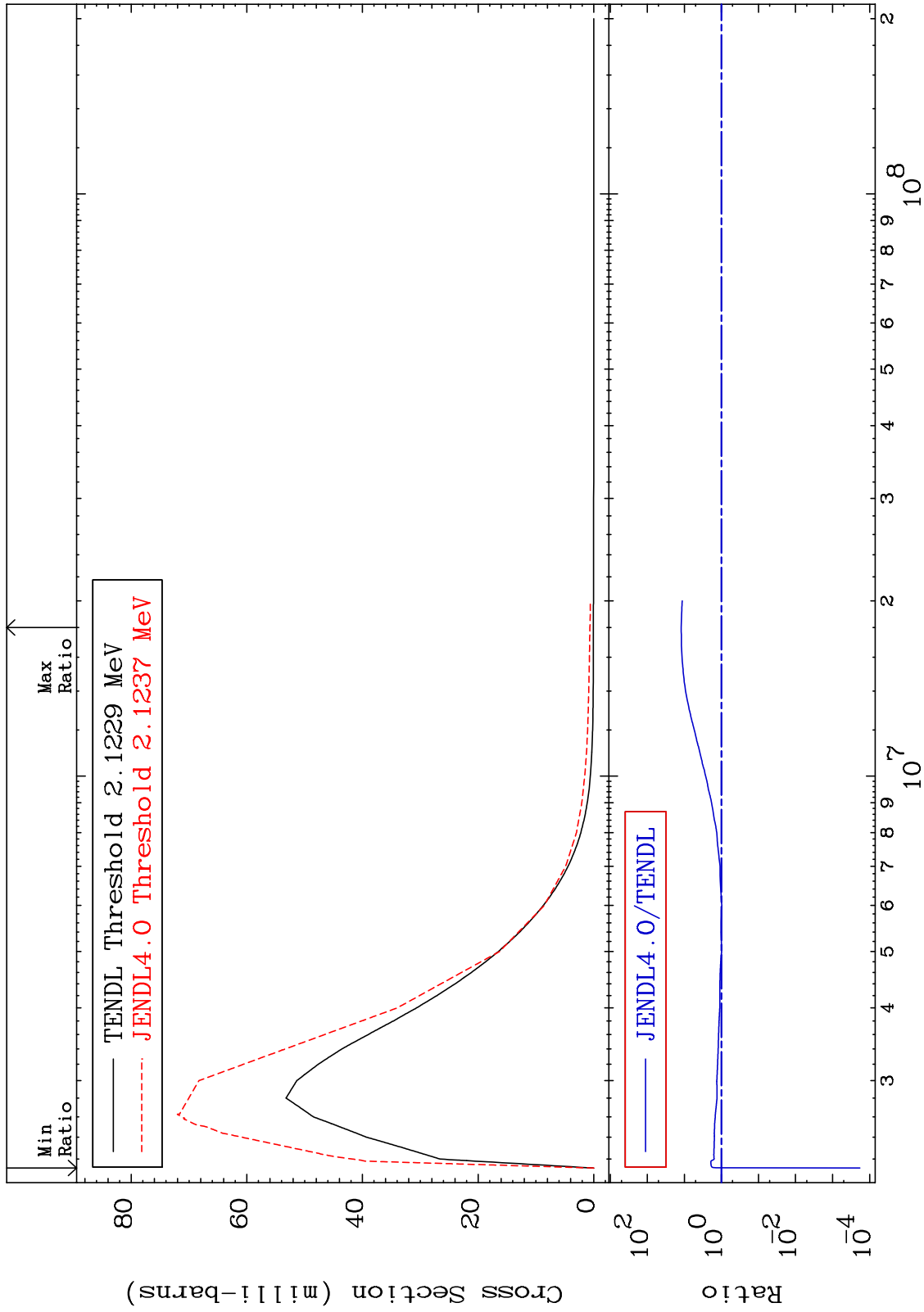
27-Co-59
-99.99 To 3615. %



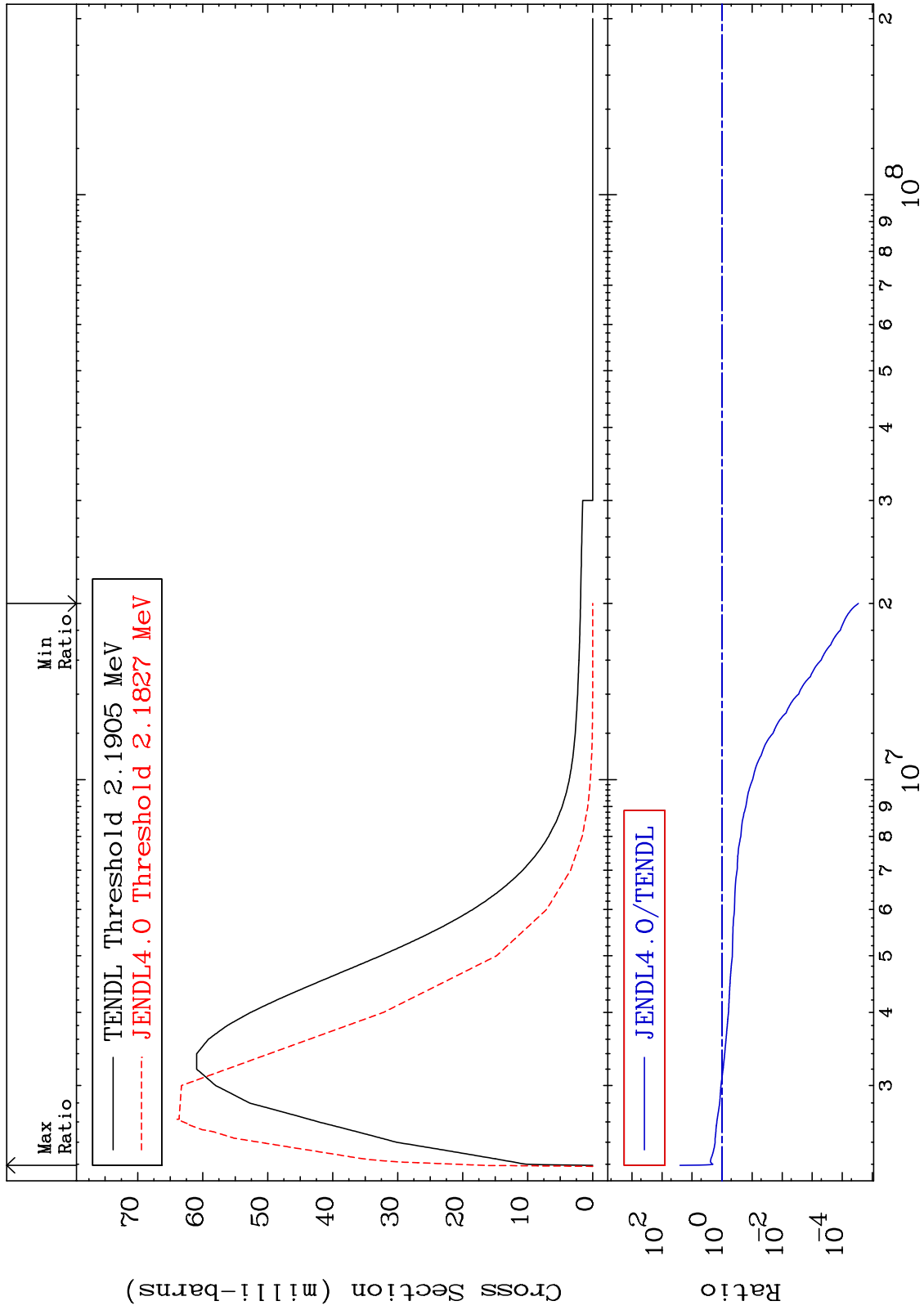
MAT 2725

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

27-Co-59
-99.98 To 1116. %



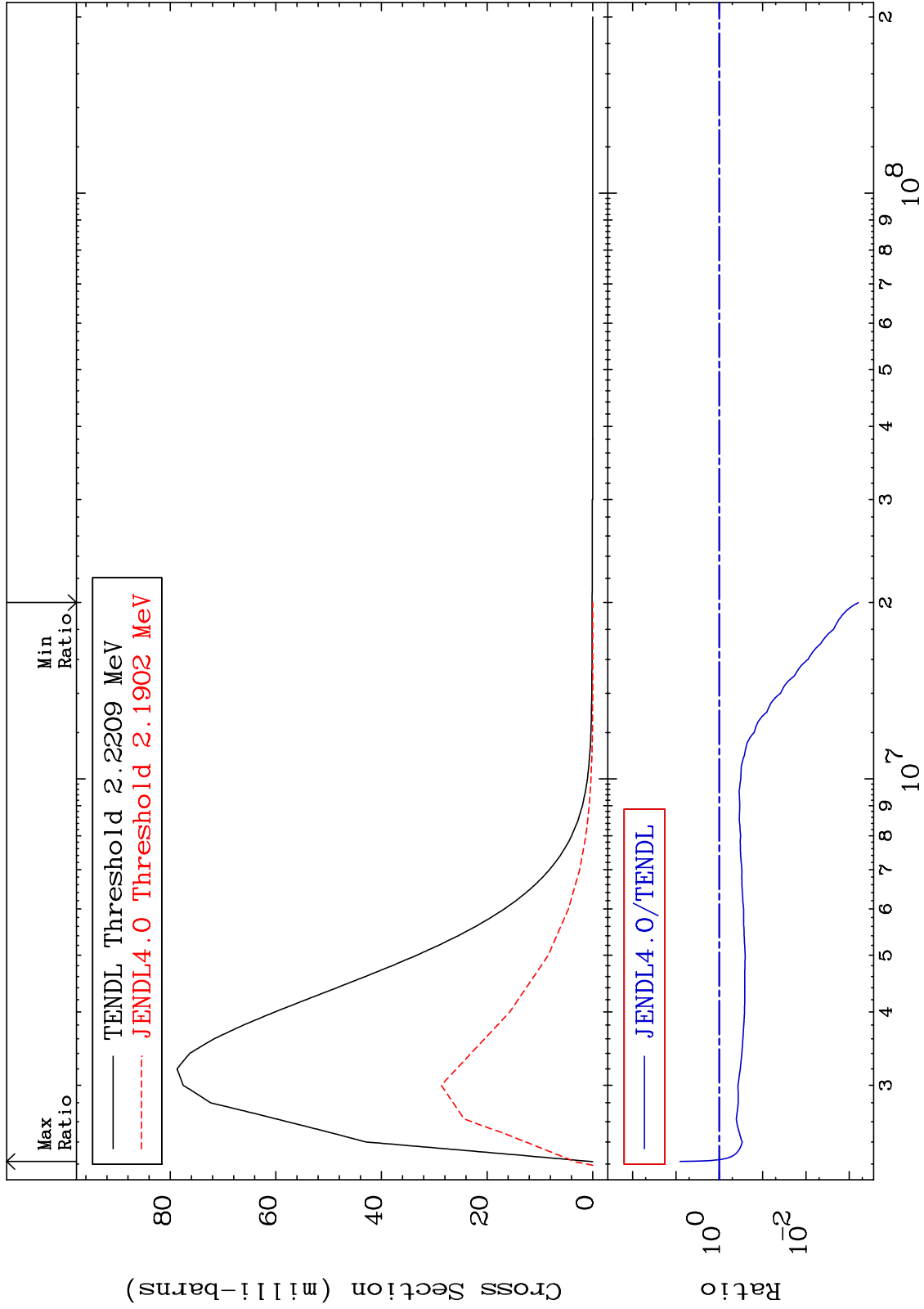
MAT 2725 MT= 60 (n,n') Level Cross Section -100.0 To 2409. % 27-Co-59



MAT 2725

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

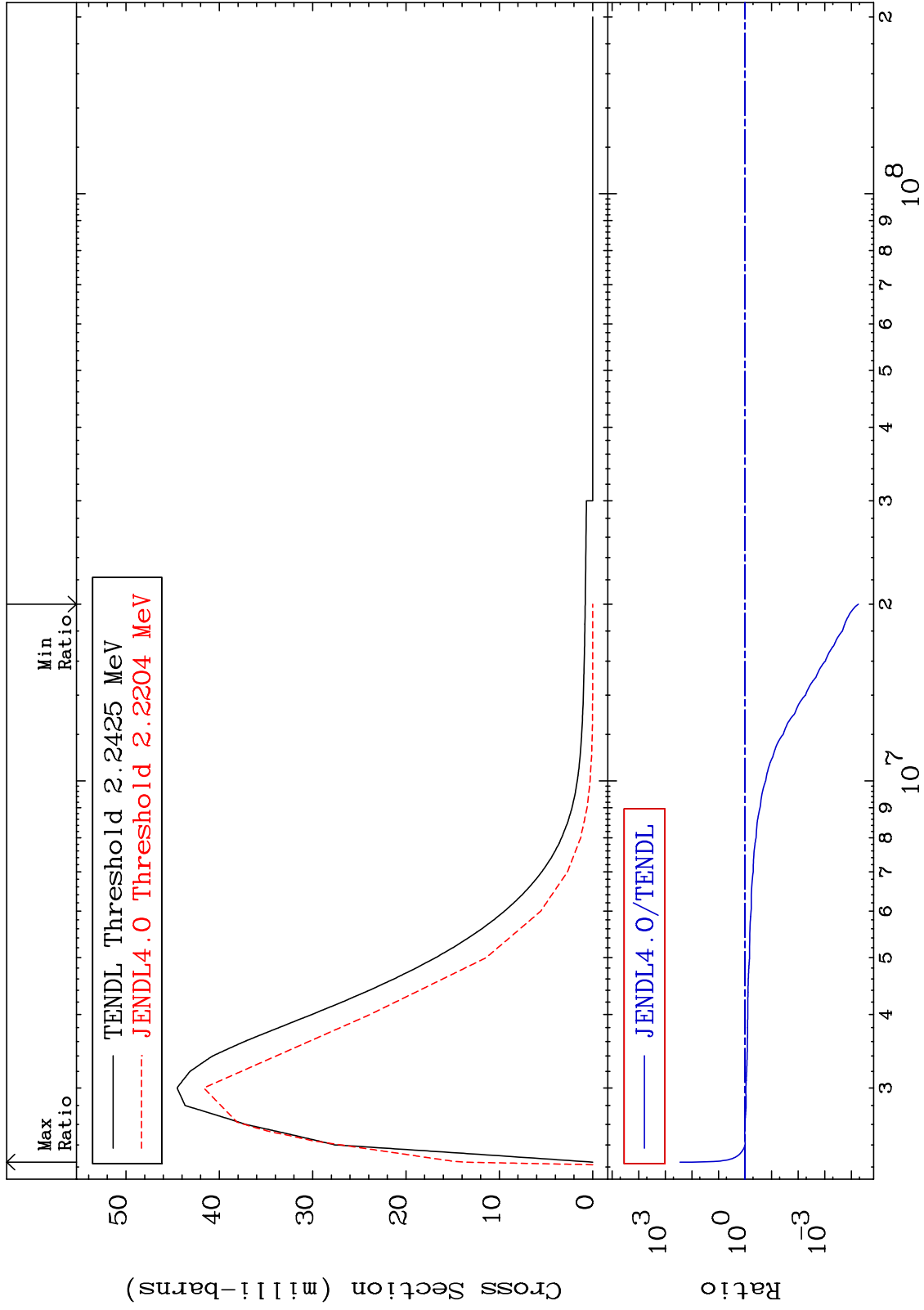
27-Co-59
-99.94 To 706.1 %



MAT 2725

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

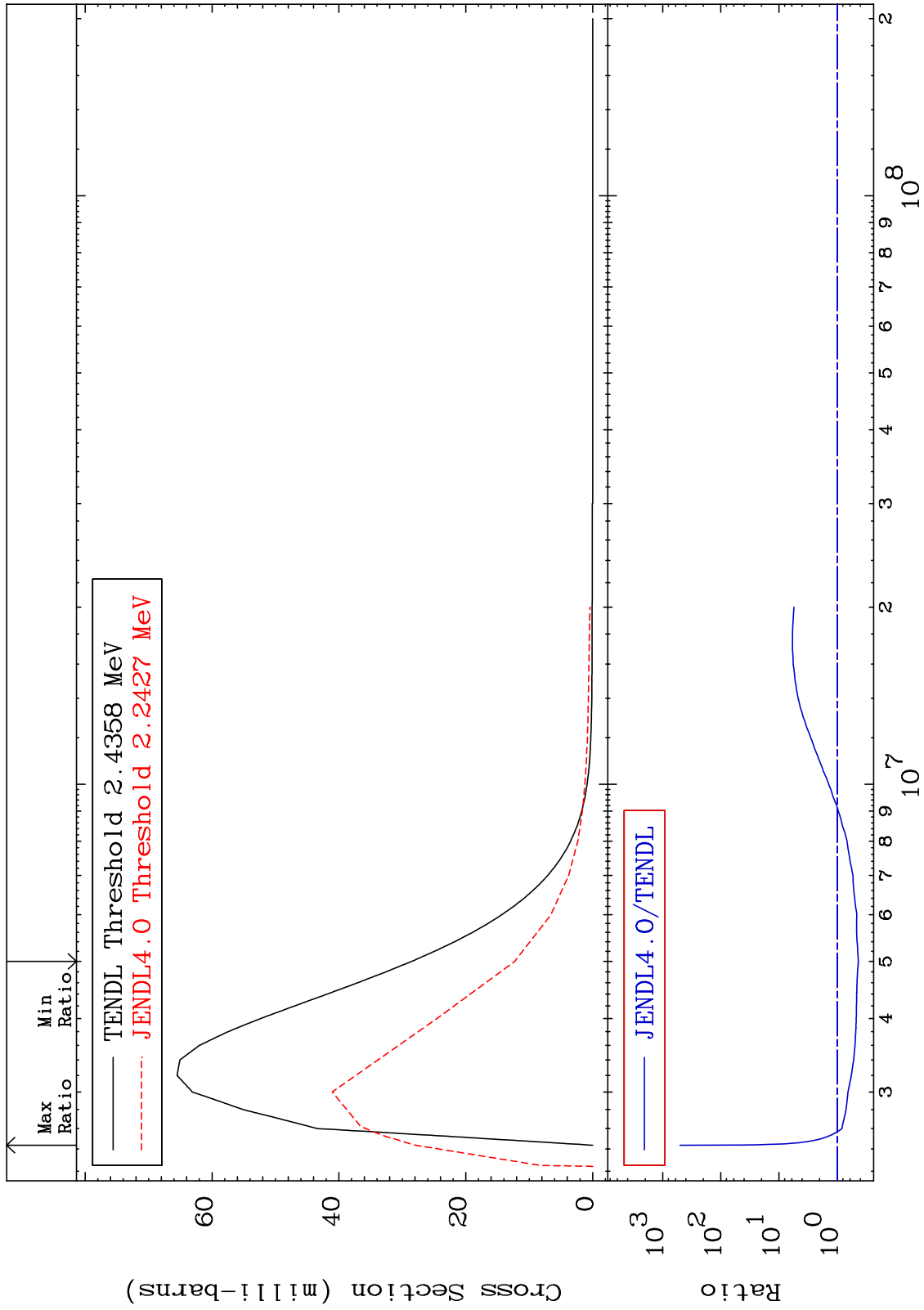
27-Co-59
-99.99 To 9999. %



MAT 2725

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

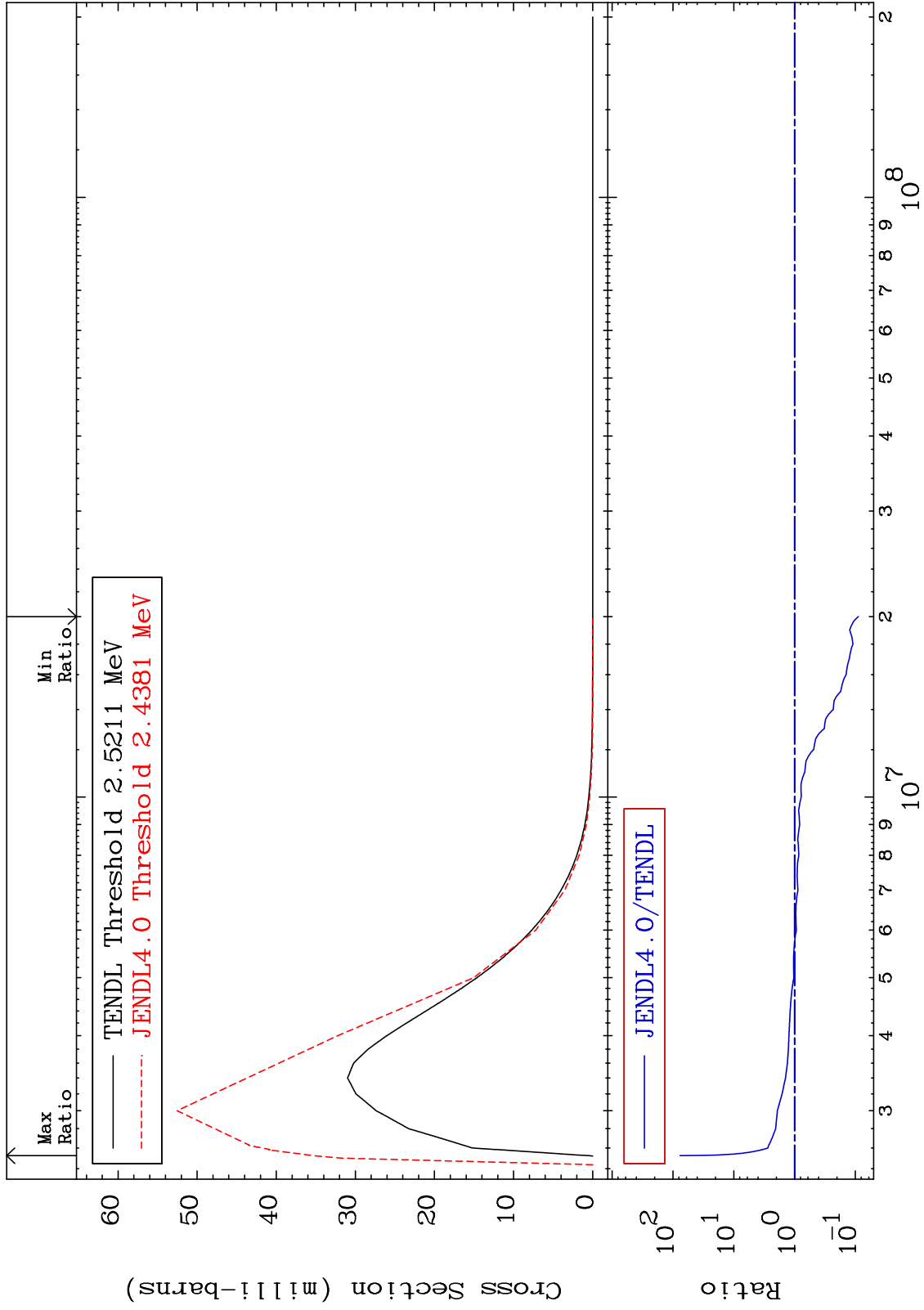
27-Co-59
-56.92 To 9999. %



MAT 2725

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

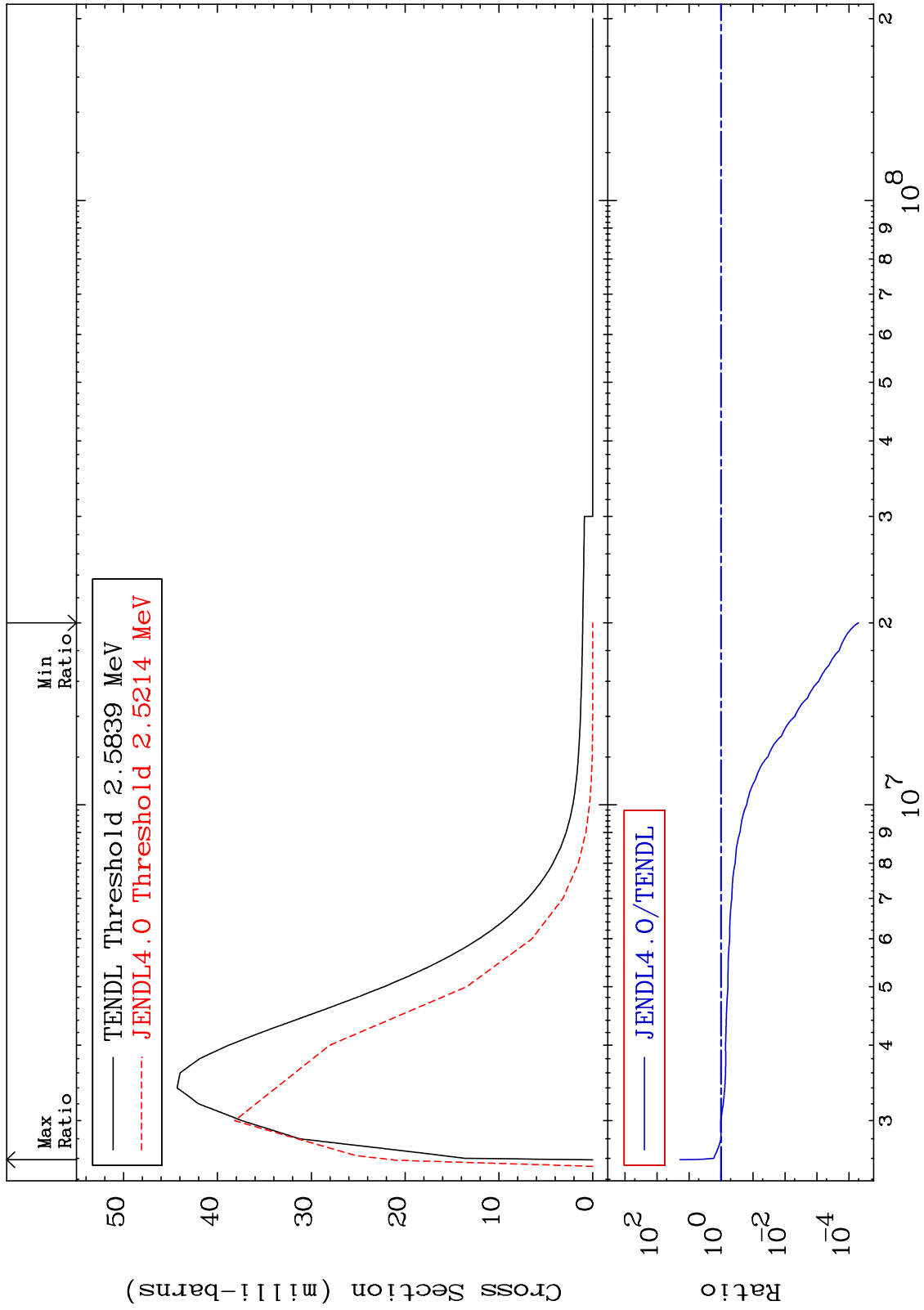
27-Co-59
-91.09 To 7567. %



MAT 2725

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

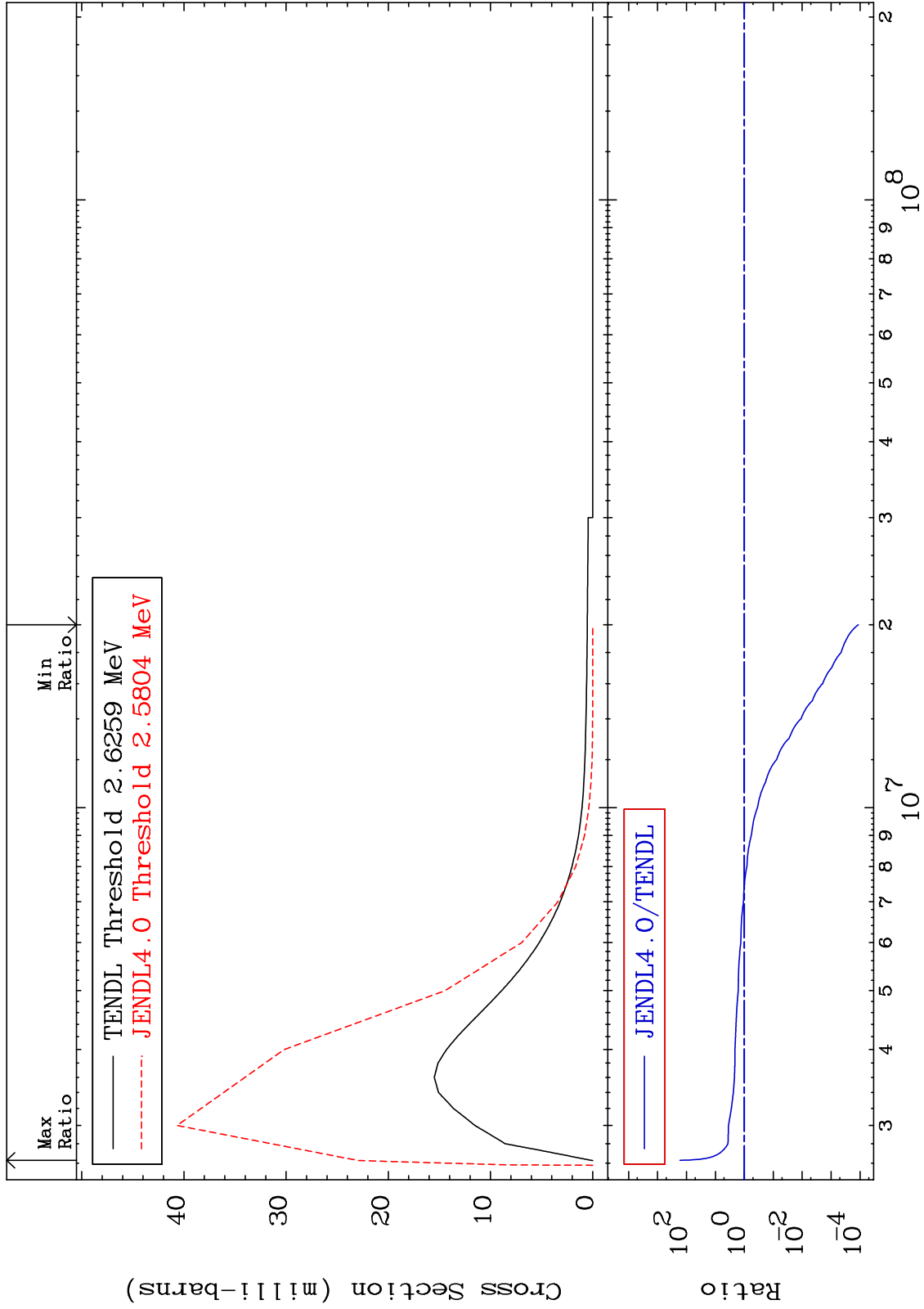
27-Co-59
-99.99 To 1815. %



MAT 2725

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

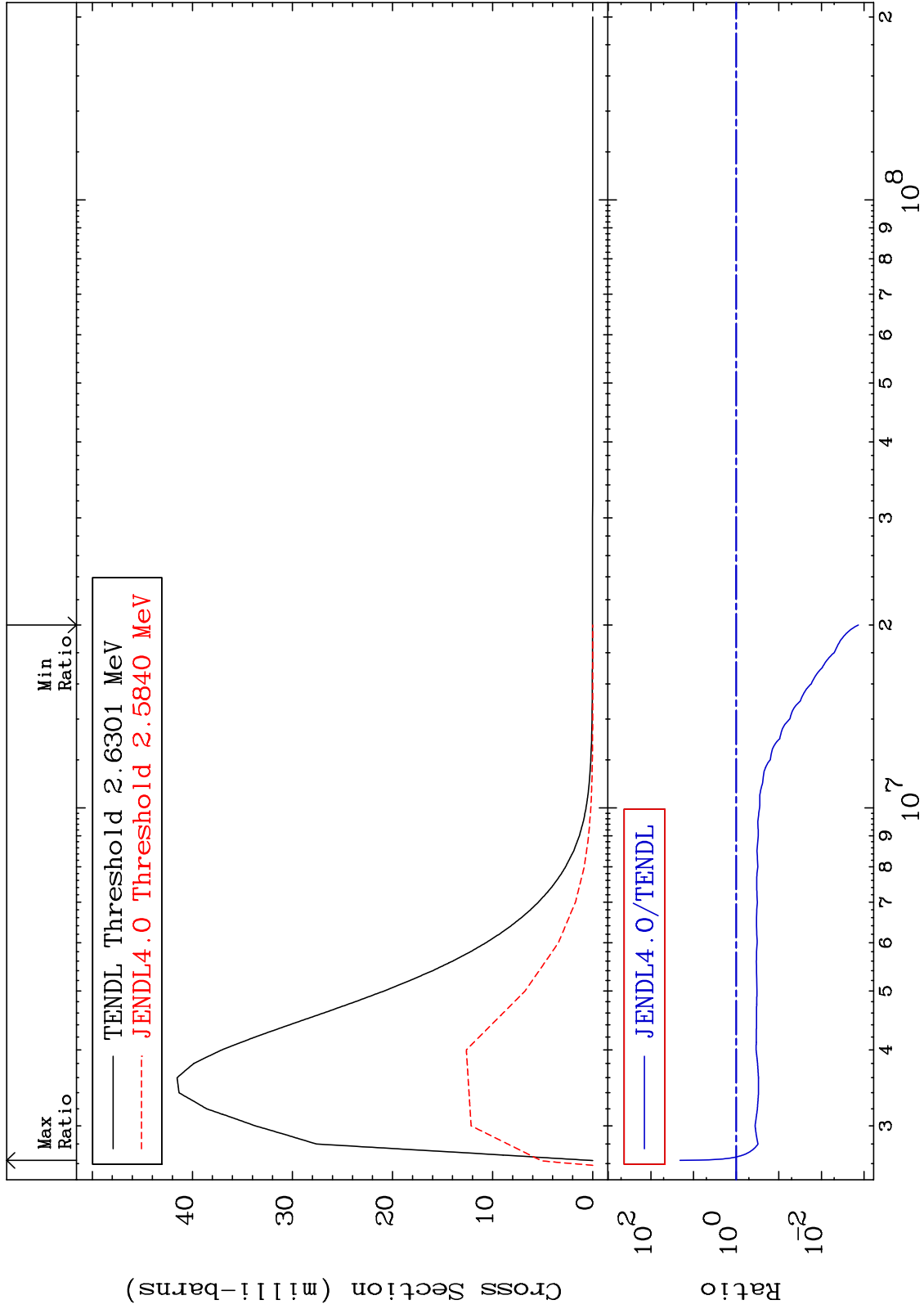
27-Co-59
-99.99 To 9999. %



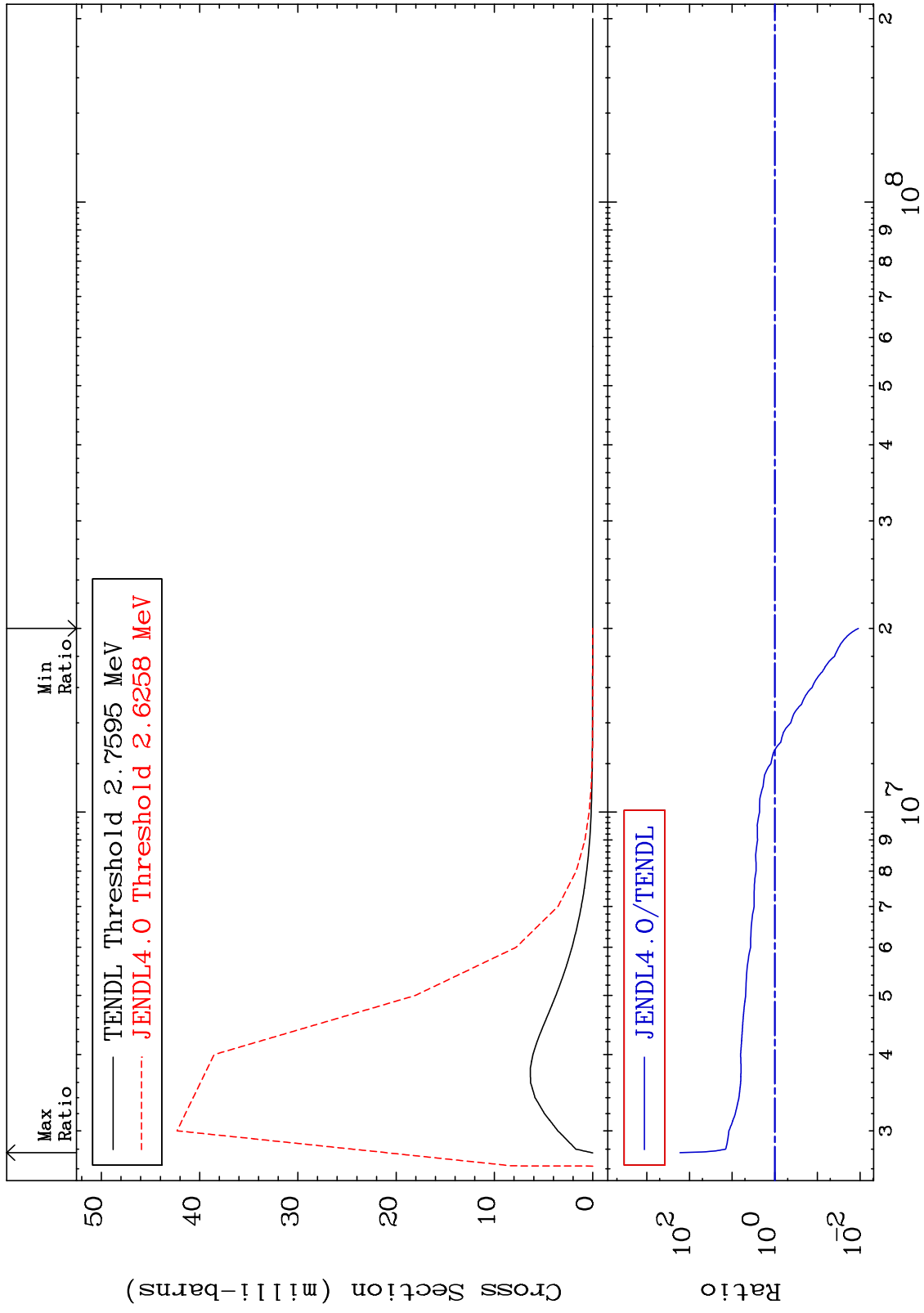
MAT 2725

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

27-Co-59
-99.86 To 1971. %



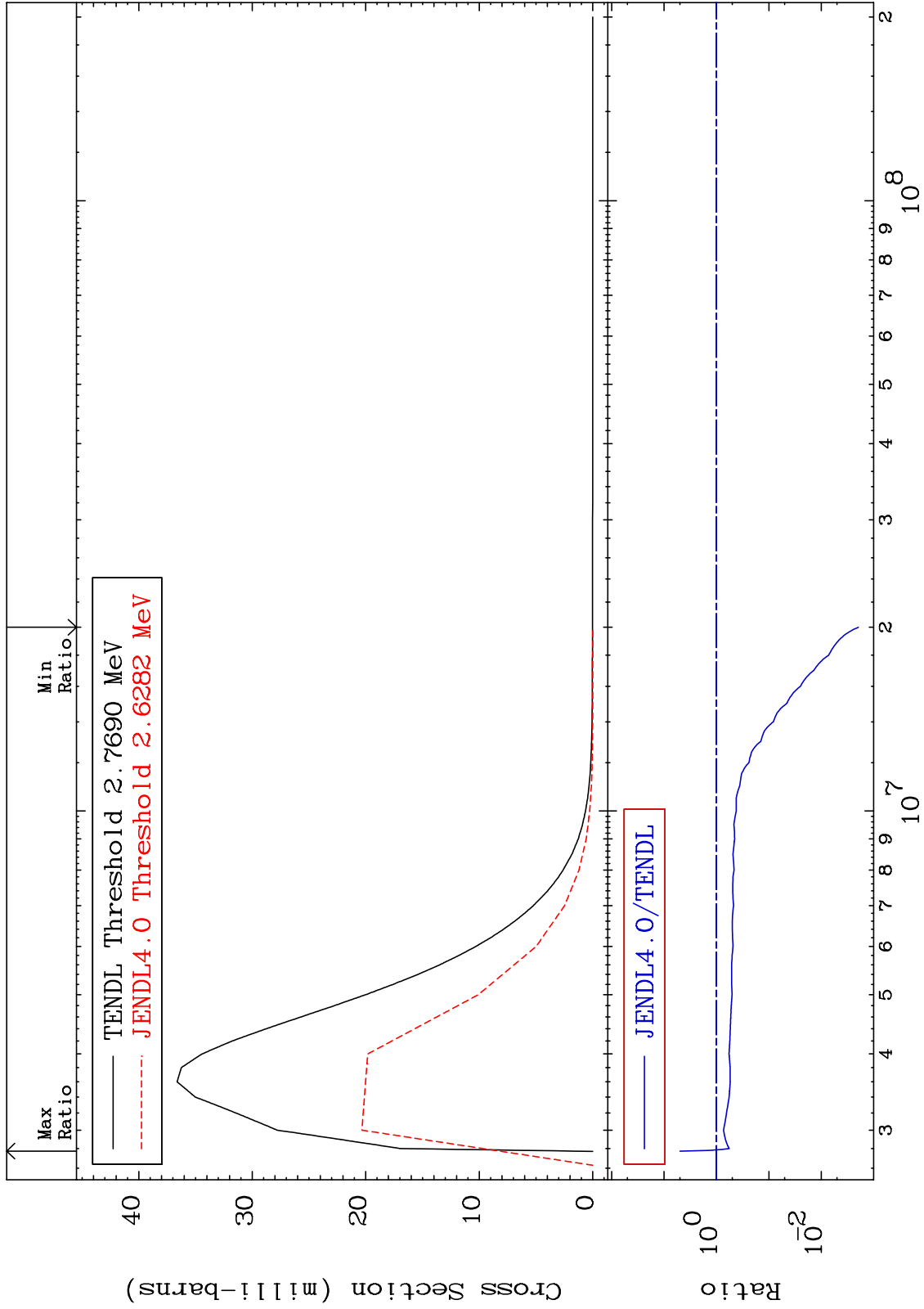
MAT 2725 MT= 68 (n,n') Level Cross Section -98.90 To 9999. % 27-Co-59



MAT 2725

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

27-Co-59
-99.80 To 396.7 %



25

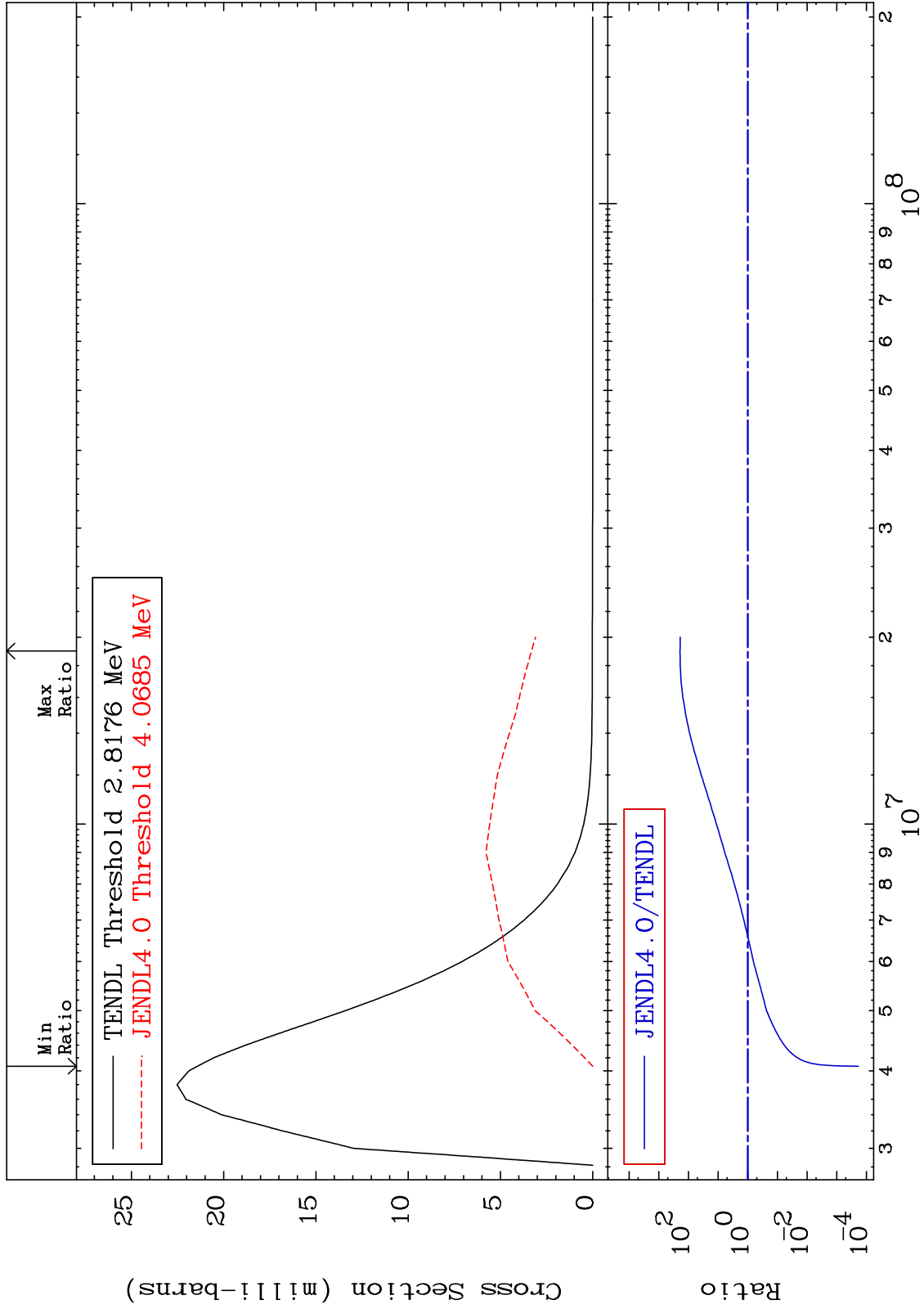
Incident Energy (eV)

27-Co-59

MAT 2725

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

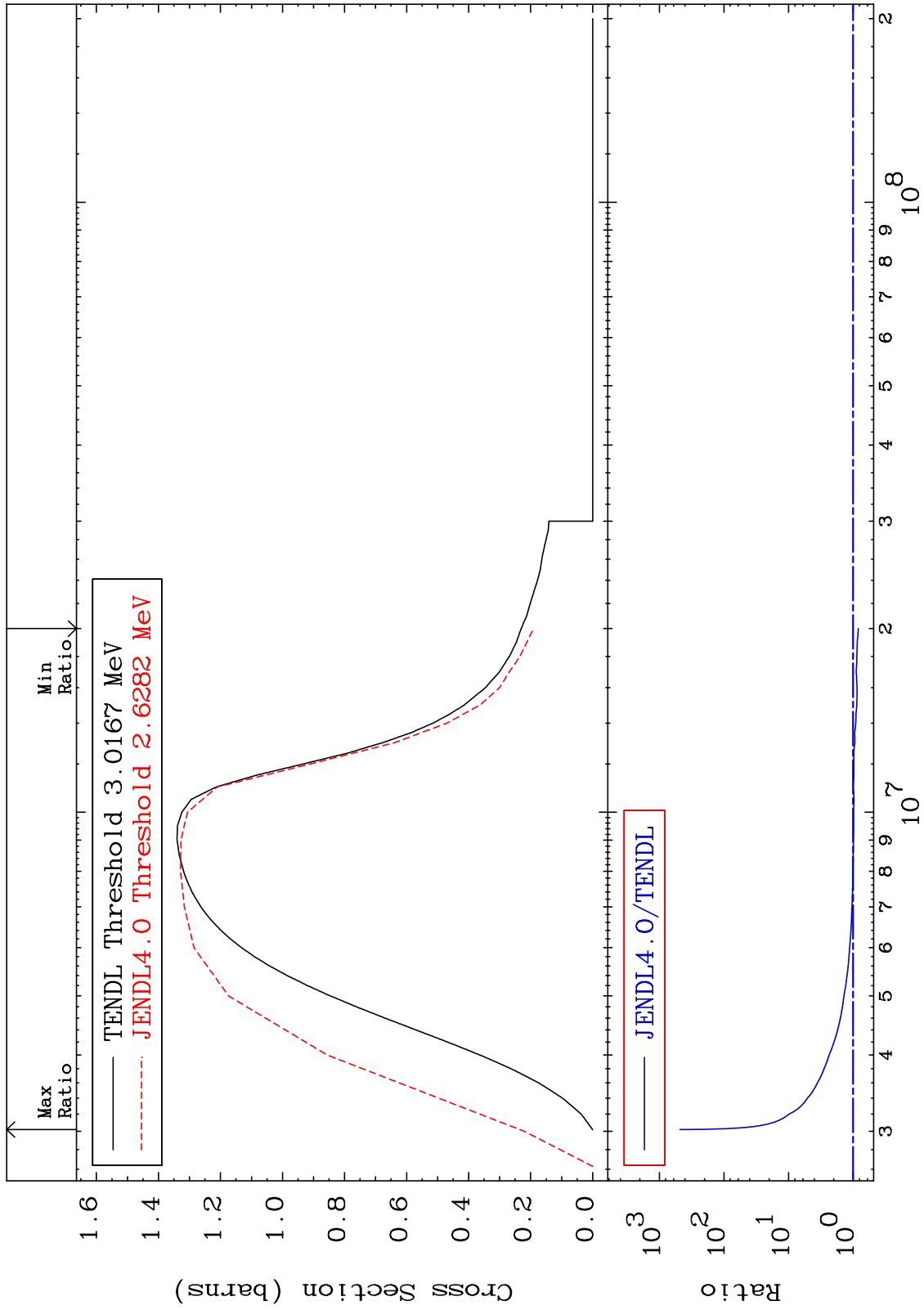
27-Co-59
-99.98 To 9999. %



MAT 2725

(n, n') Continuum
Cross Section

27-Co-59
-17.16 To 9999. %



27

Incident Energy (eV)

27-Co-59

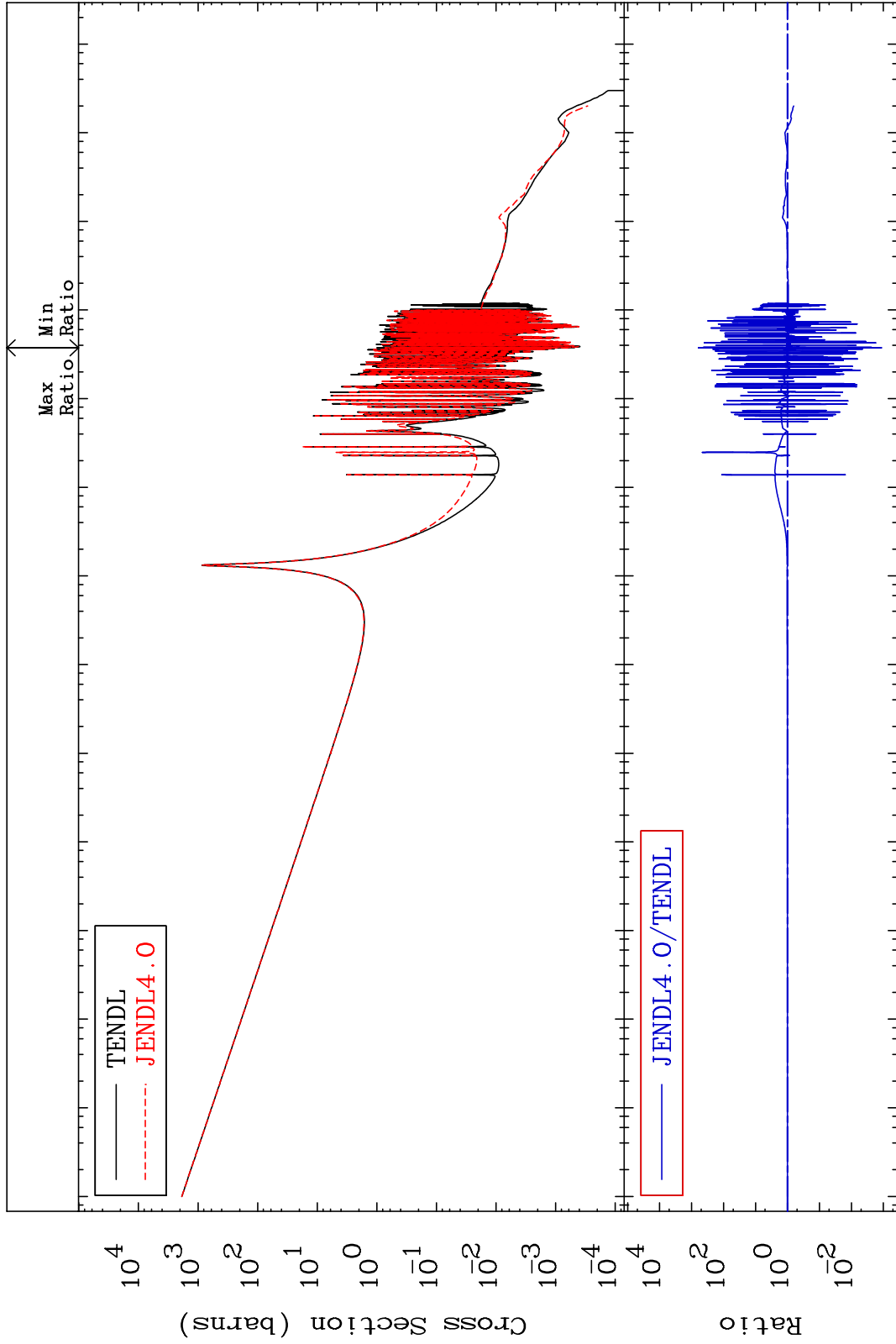
MAT 2725

(n, γ)

27-Co-59

Cross Section

-99.89 To 9999. %



Incident Energy (eV)

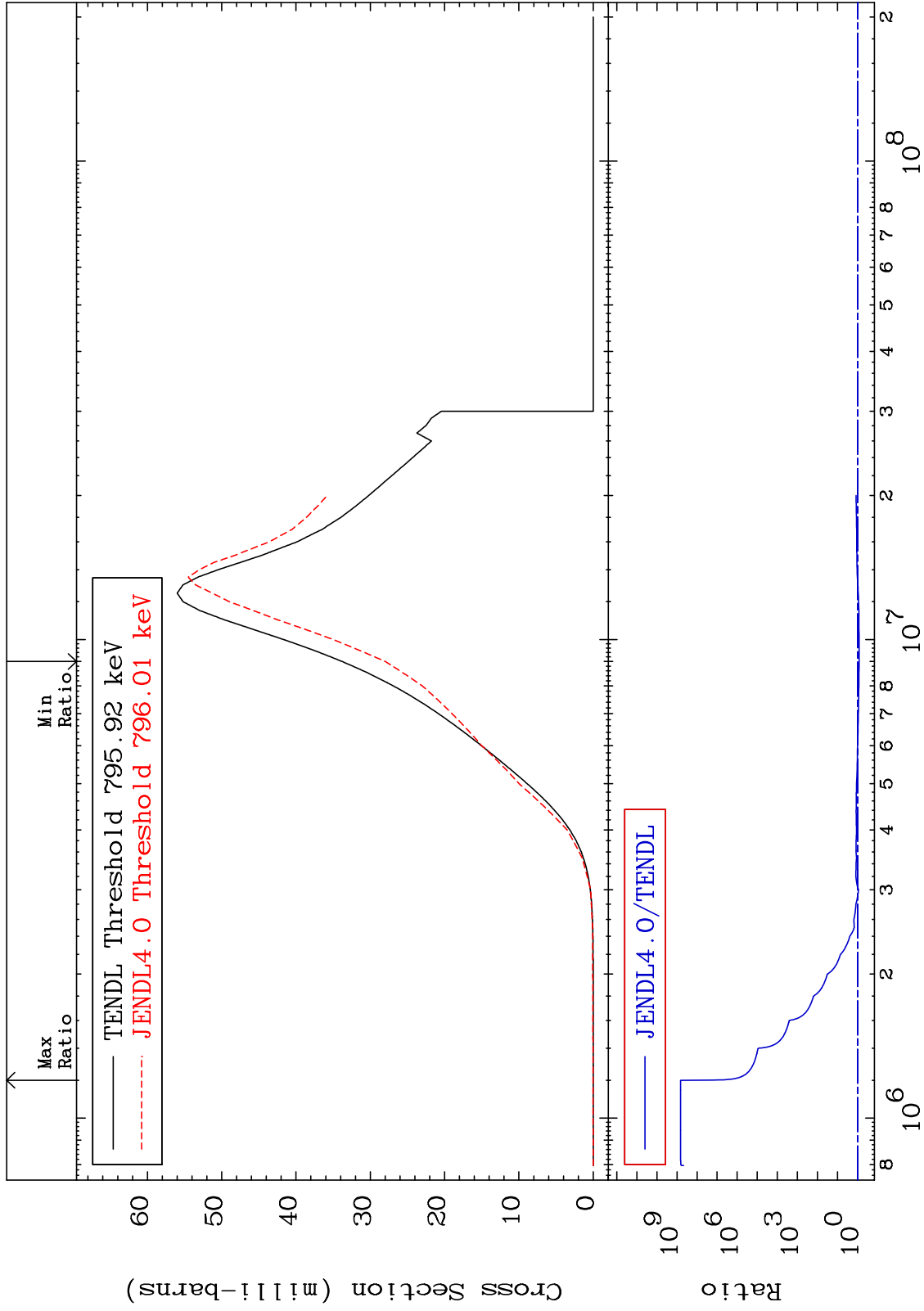
MAT 2725

(n,p)

27-Co-59

Cross Section

-17.15 To 9999. %



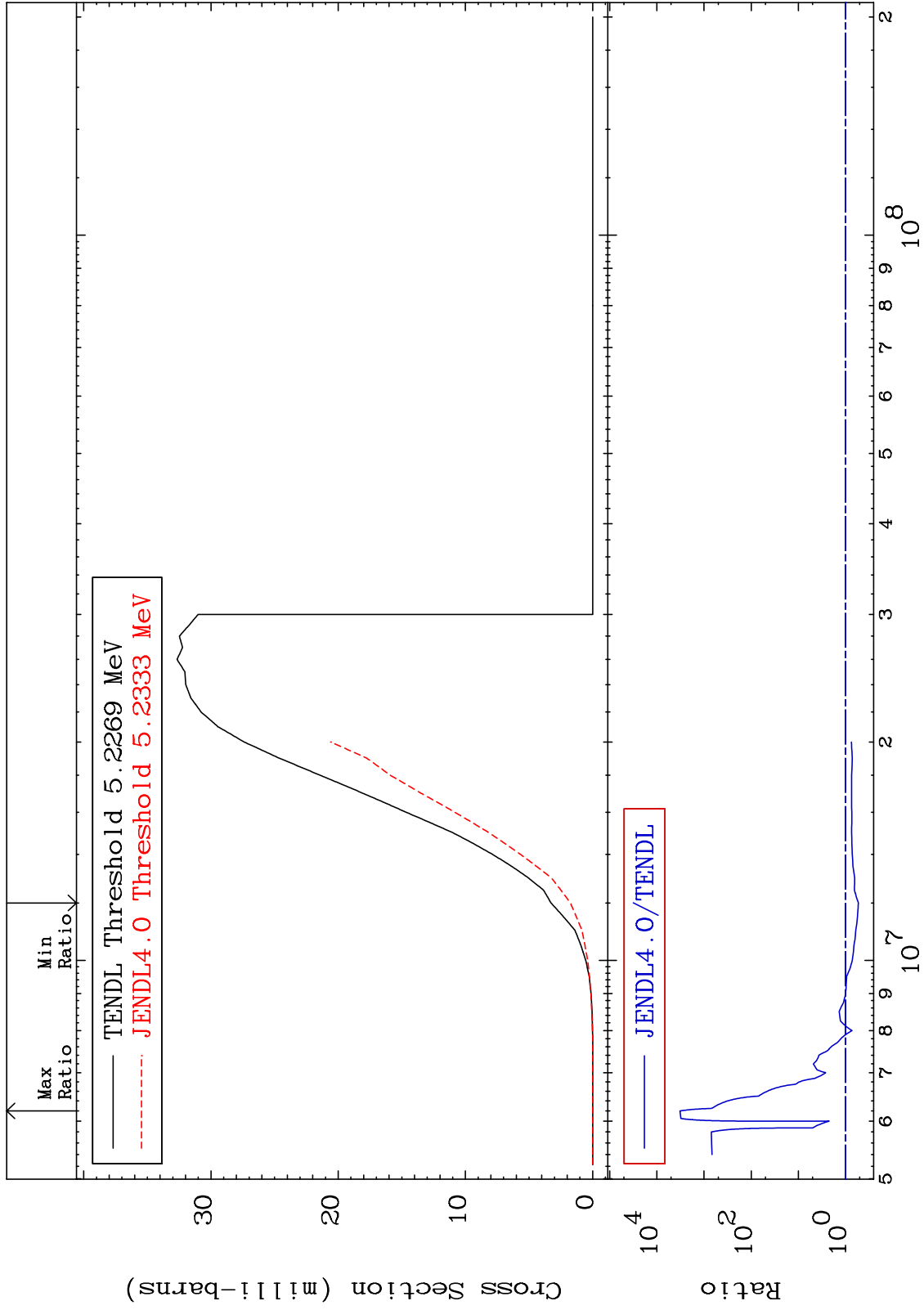
MAT 2725

(n,d)

27-Co-59

Cross Section

-46.58 To 9999. %



30

Incident Energy (eV)

27-Co-59

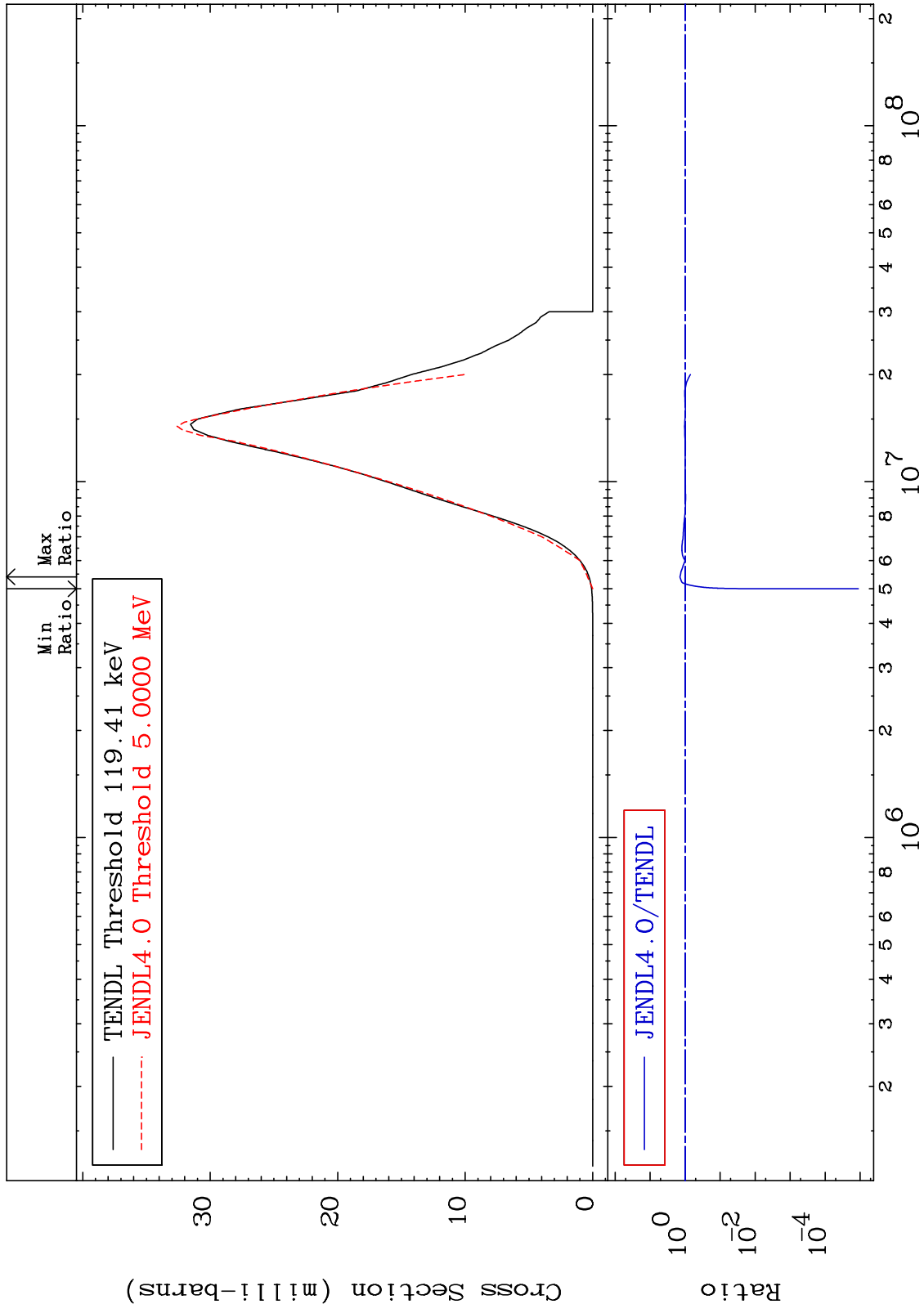
MAT 2725

(n, α)

27-Co-59

Cross Section

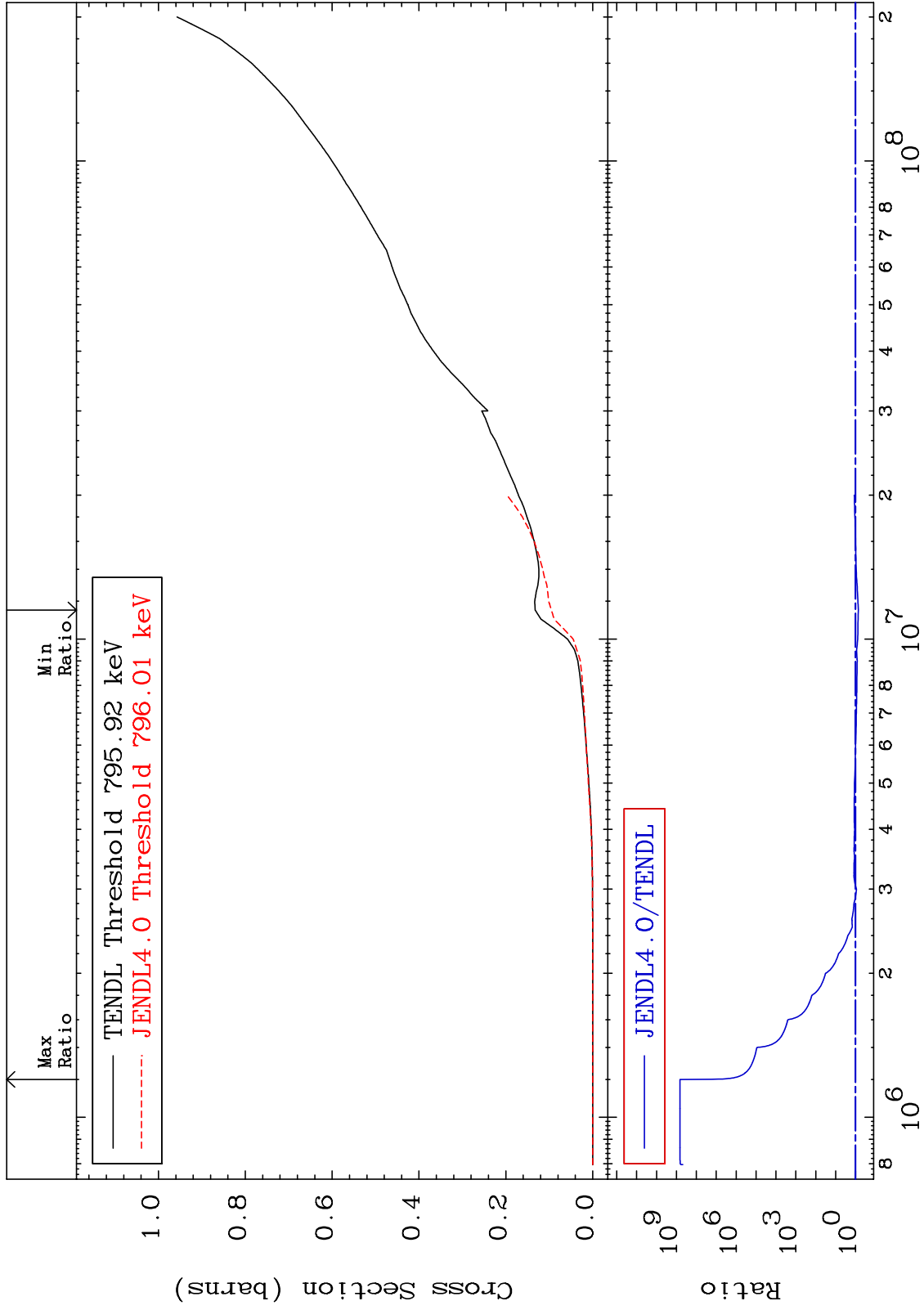
-100.0 To 39.64 %



MAT 2725

Hydrogen Production
Cross Section

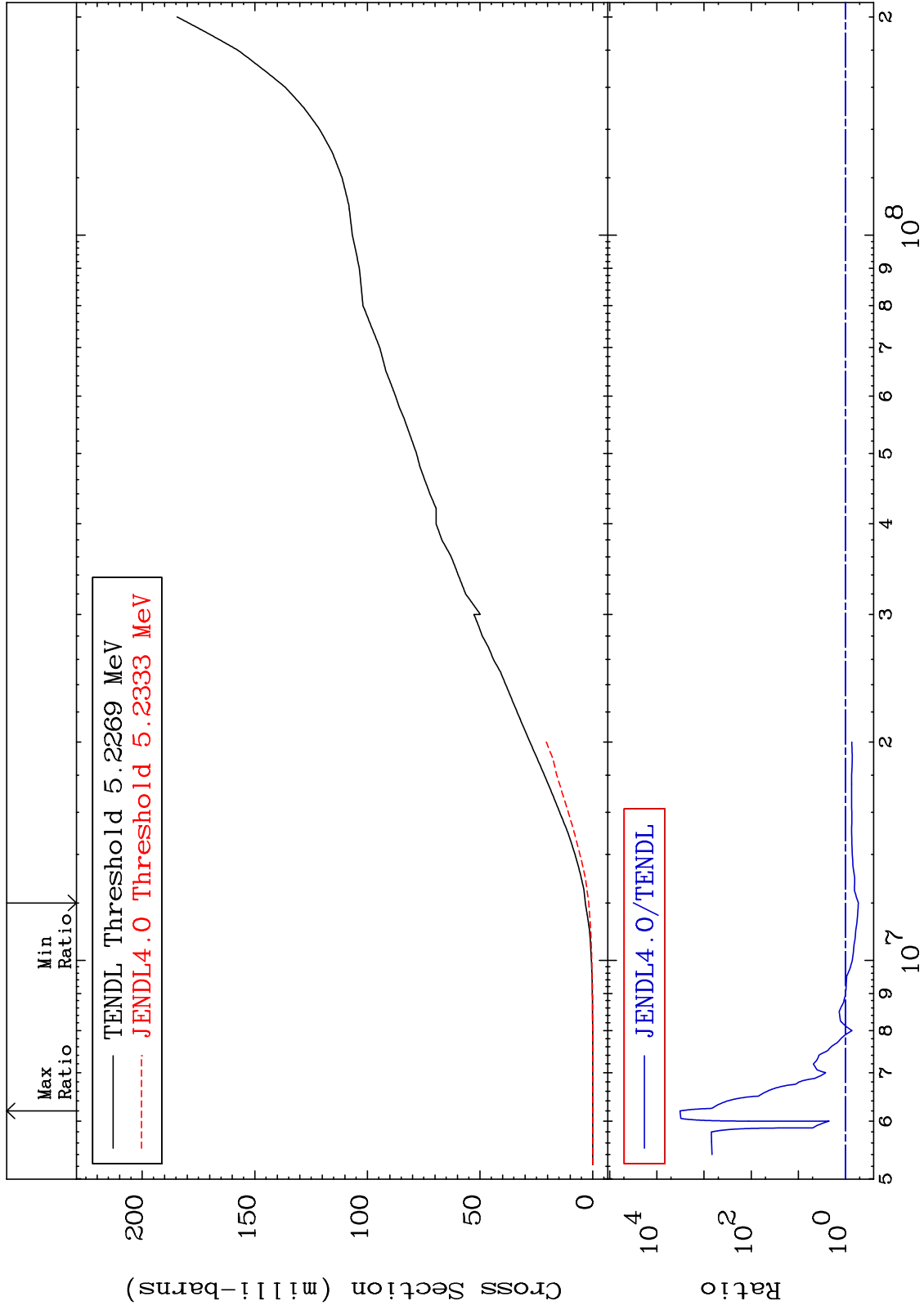
27-Co-59
-28.29 To 9999. %



MAT 2725

Deuterium Production
Cross Section

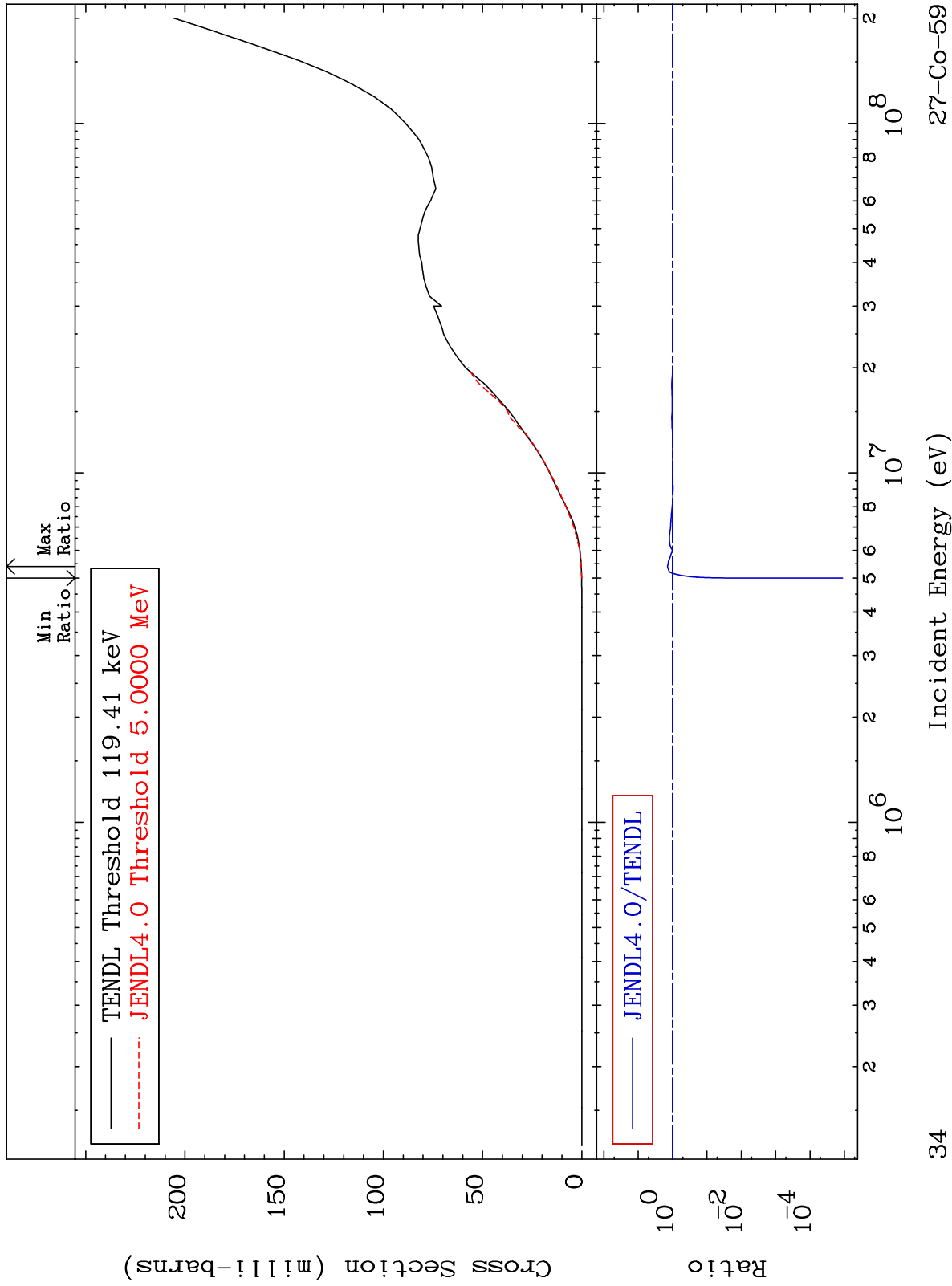
²⁷Co-59
-46.58 To 9999. %



MAT 2725

He-4 Production
Cross Section

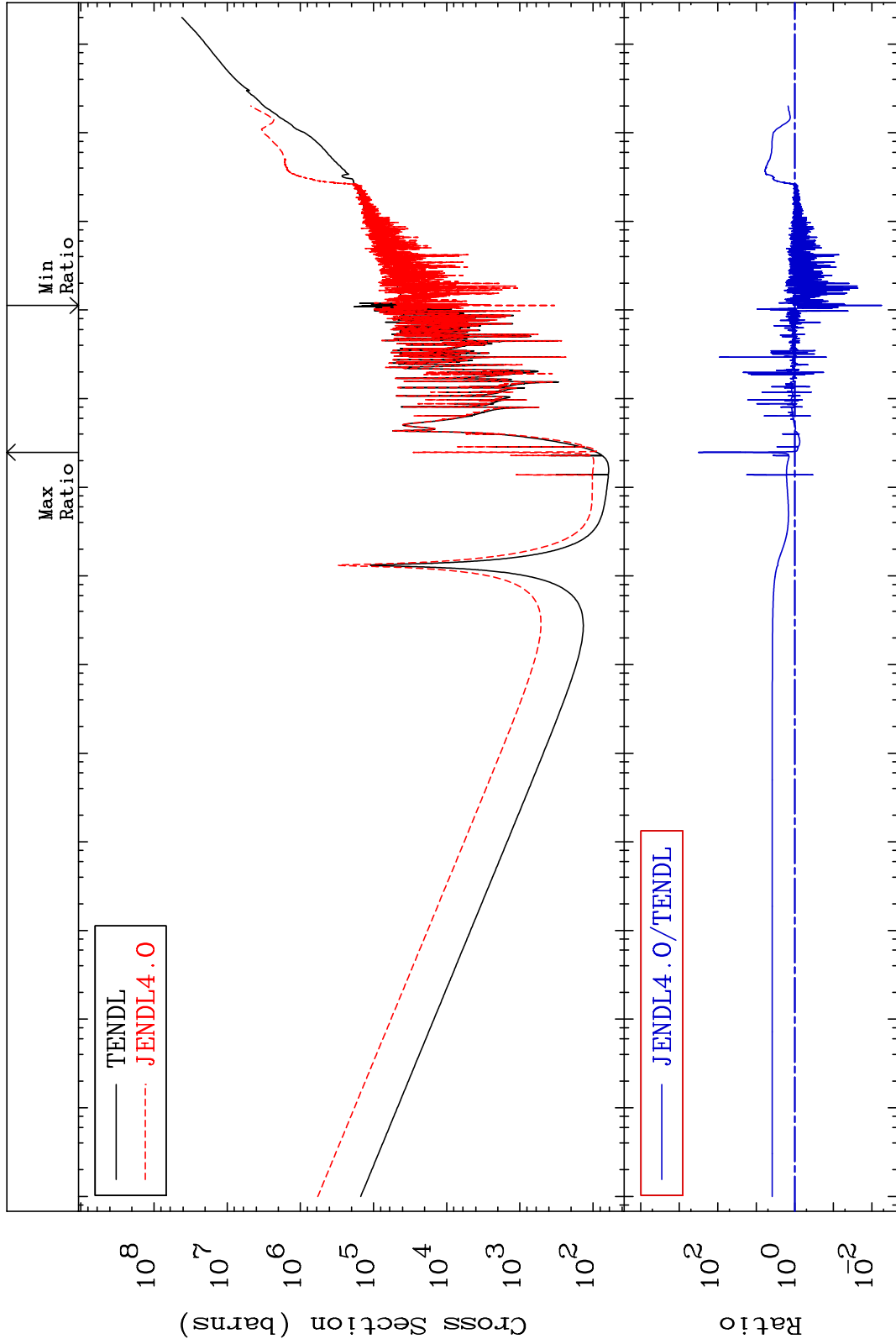
27-Co-59
-100.0 To 39.64 %



MAT 2725

Kerma total (eV-barns)
Cross Section

27-Co-59
-99.44 To 9999. %



35

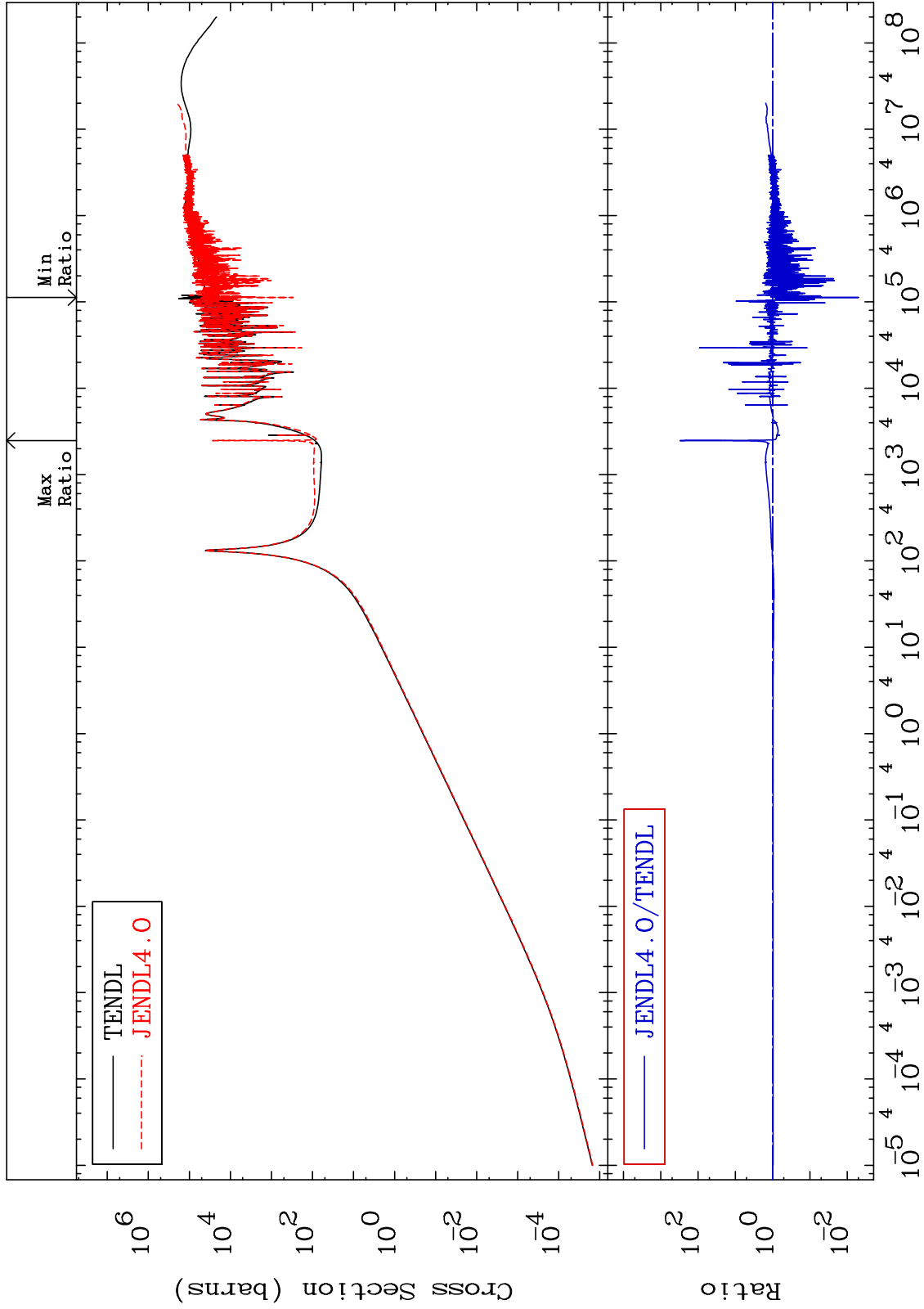
Incident Energy (eV)

27-Co-59

MAT 2725

Kerma elastic
Cross Section

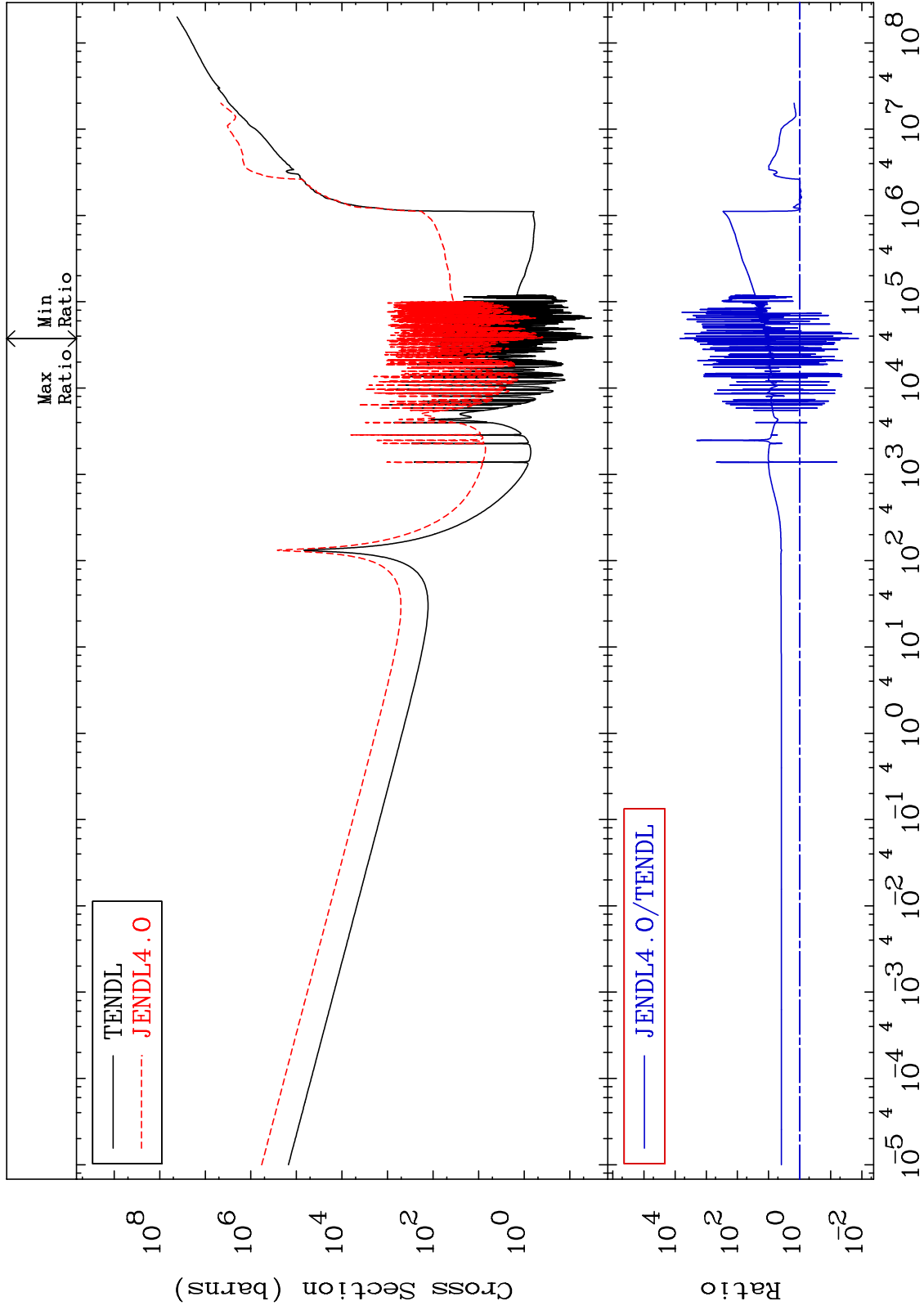
27-Co-59
-99.50 To 9999. %



MAT 2725

Kerma non-elastic (all but mt2)
Cross Section

27-Co-59
-98.71 To 9999. %



37

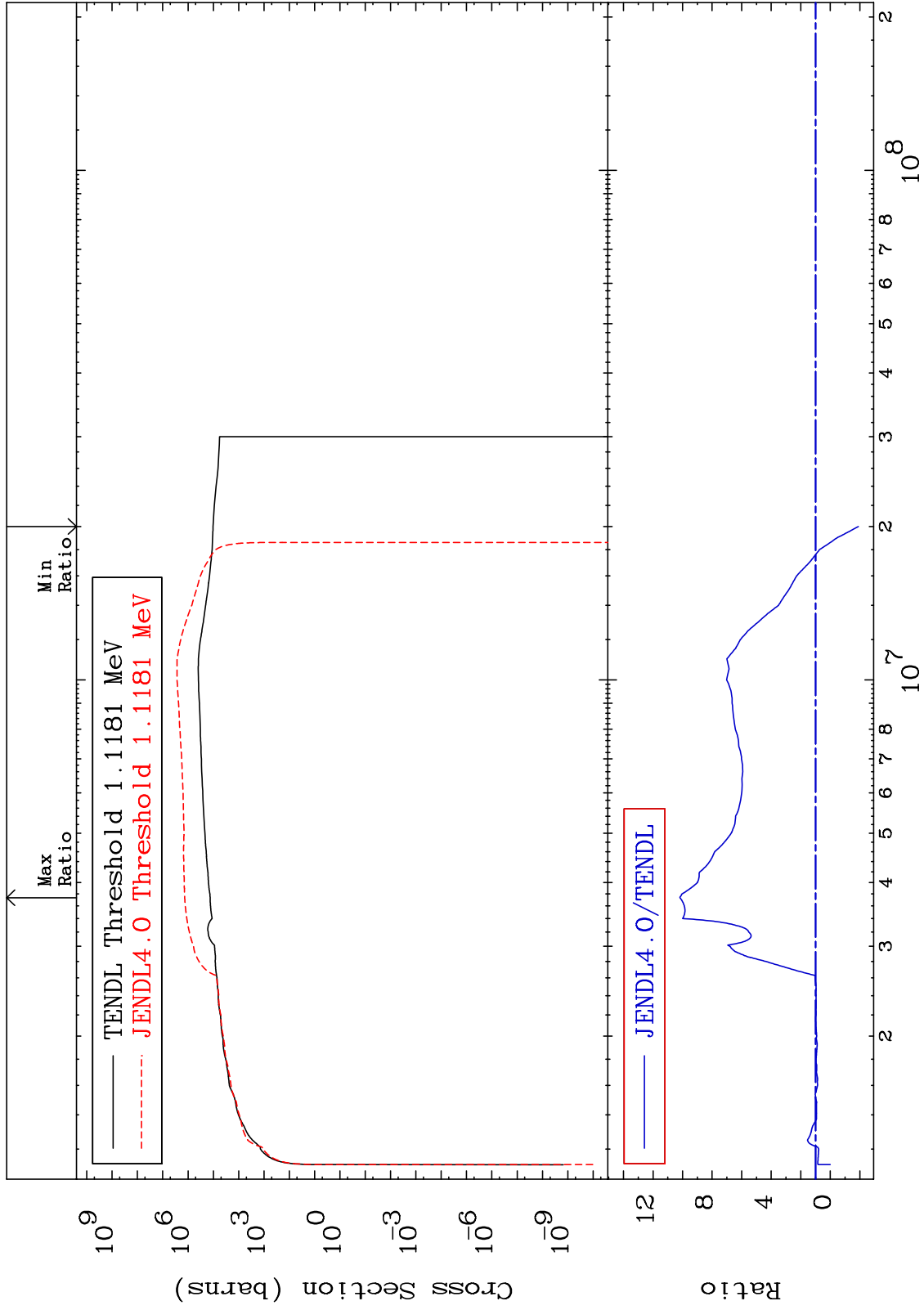
Incident Energy (eV)

27-Co-59

MAT 2725

Kerma inelastic (mt51-91)
Cross Section

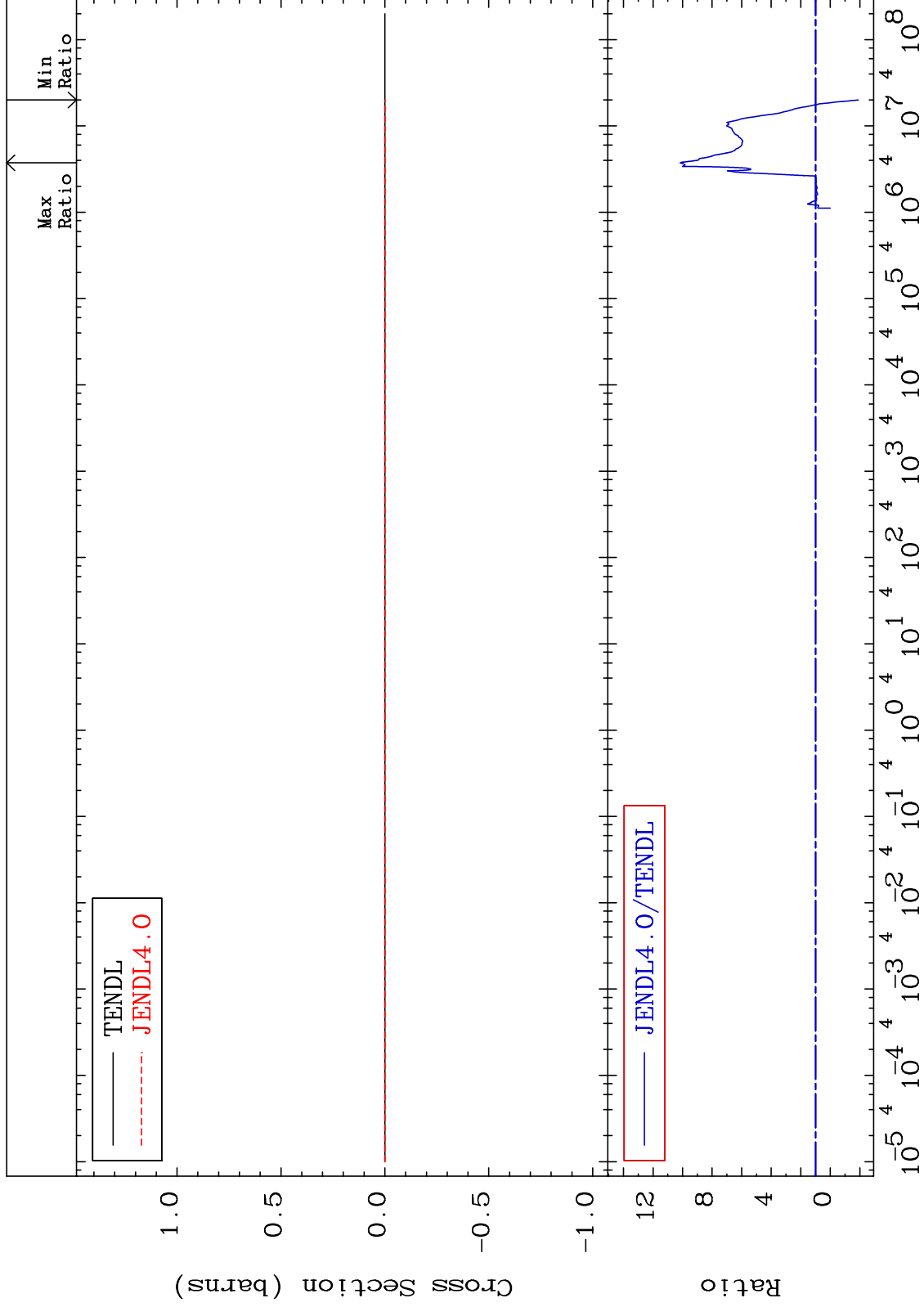
27-Co-59
-290.3 To 917.2 %



MAT 2725

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

27-Co-59
-290.3 To 917.2 %



39

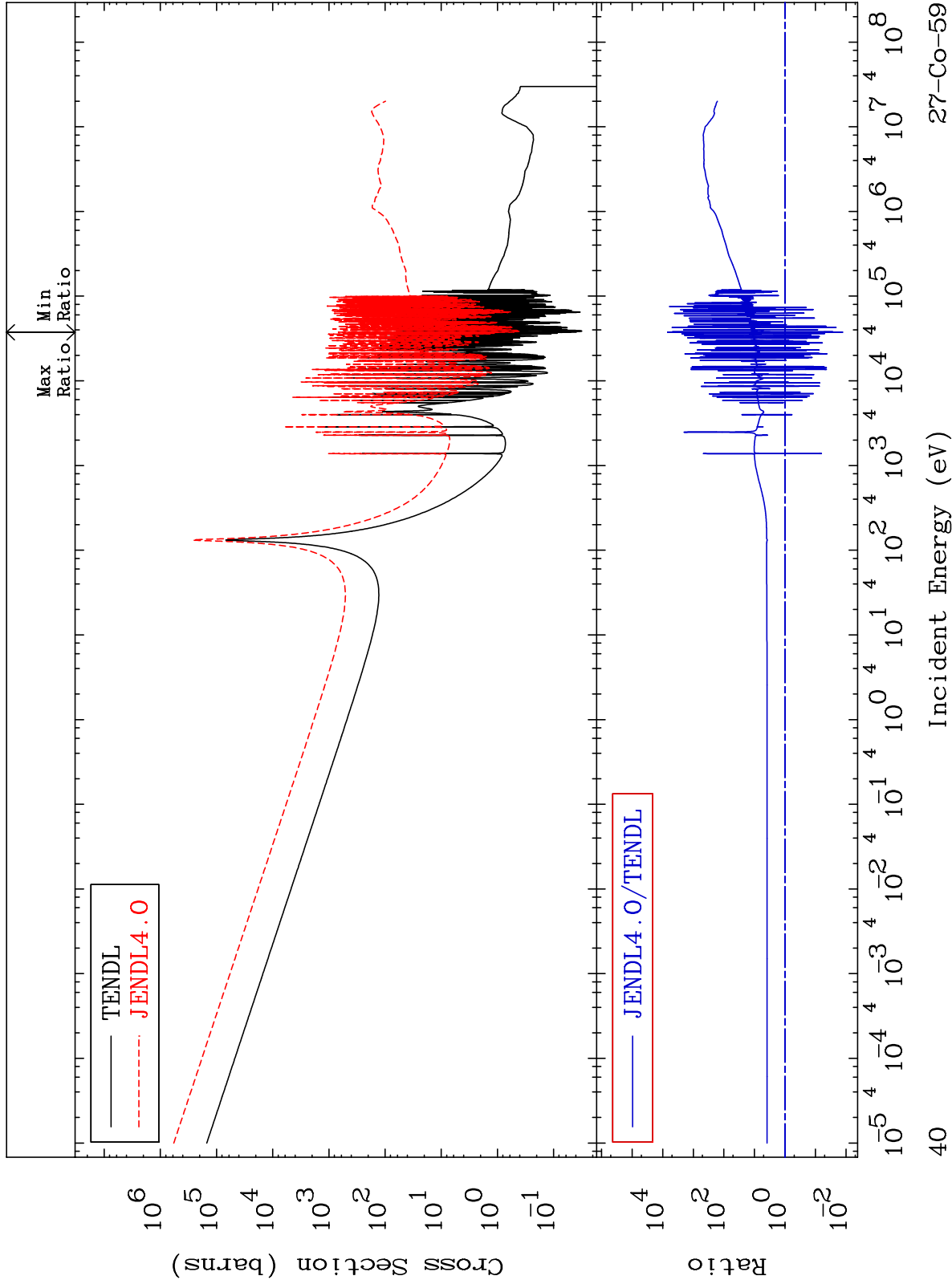
Incident Energy (eV)

27-Co-59

MAT 2725

Kerma capture (mt102)
Cross Section

27-Co-59
-98.71 To 9999. %



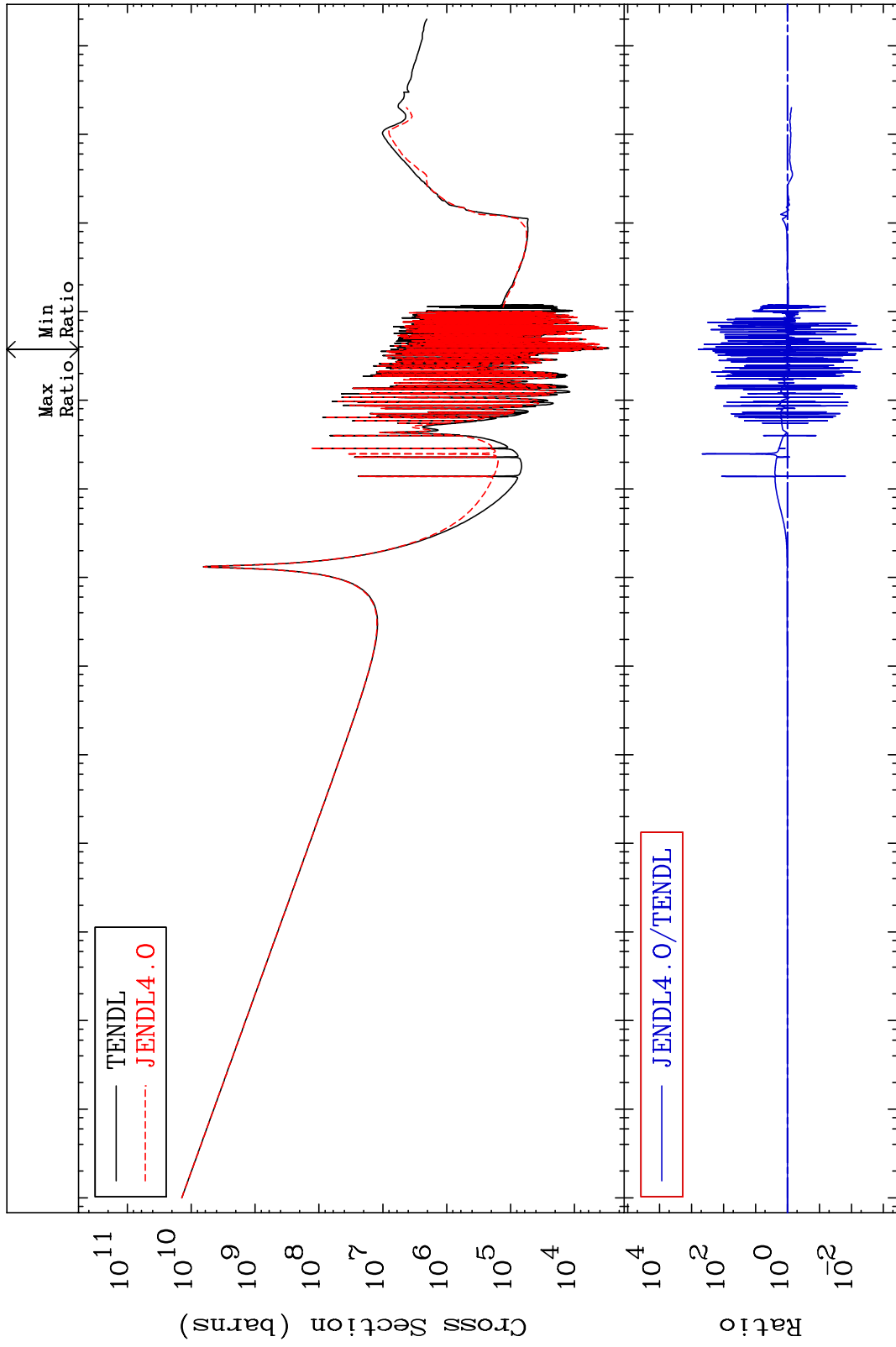
40

27-Co-59

MAT 2725

Total photon (eV-barns)
Cross Section

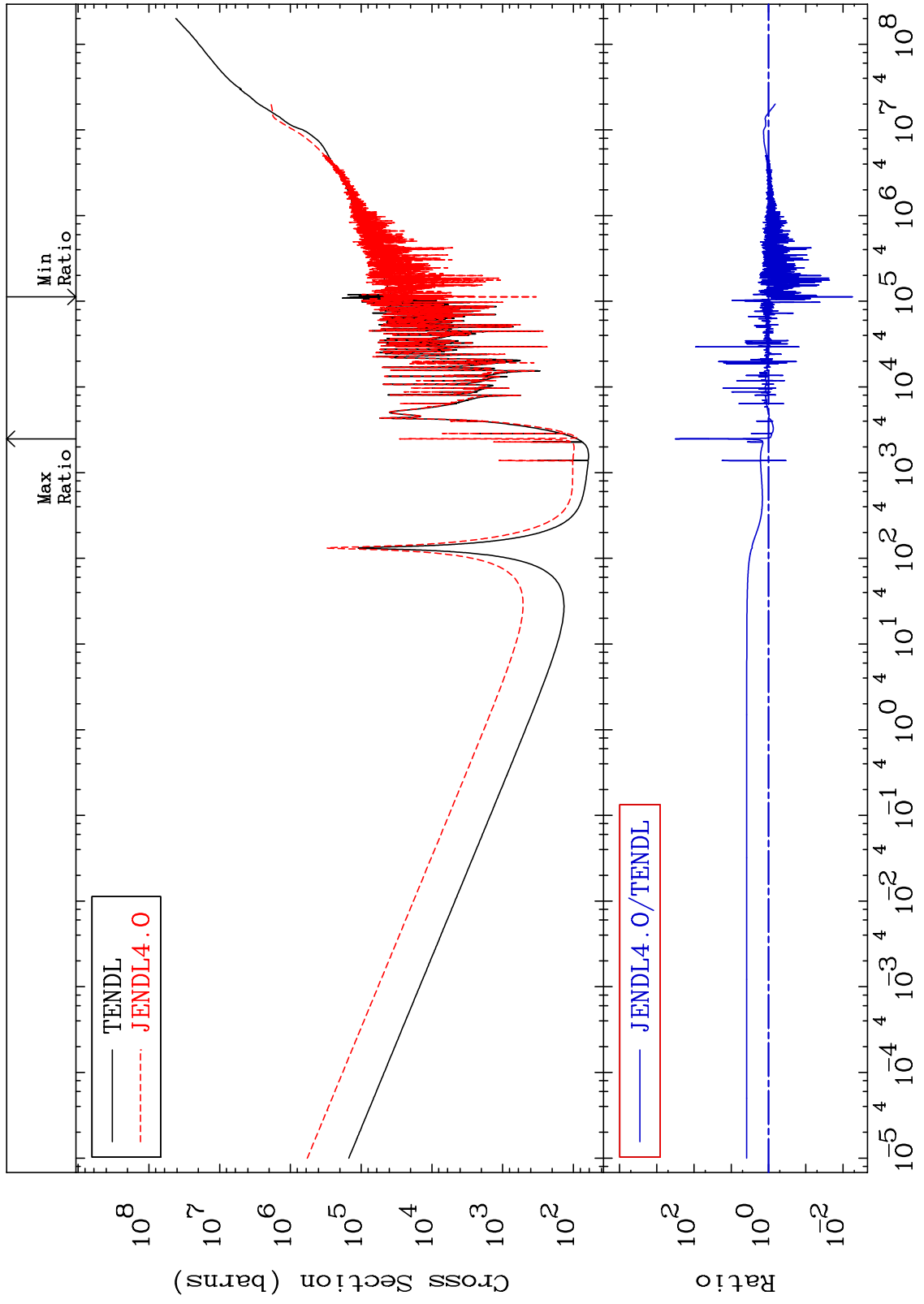
27-Co-59
-99.89 To 9999. %



MAT 2725

Total kinematic kerma (high limit)
Cross Section

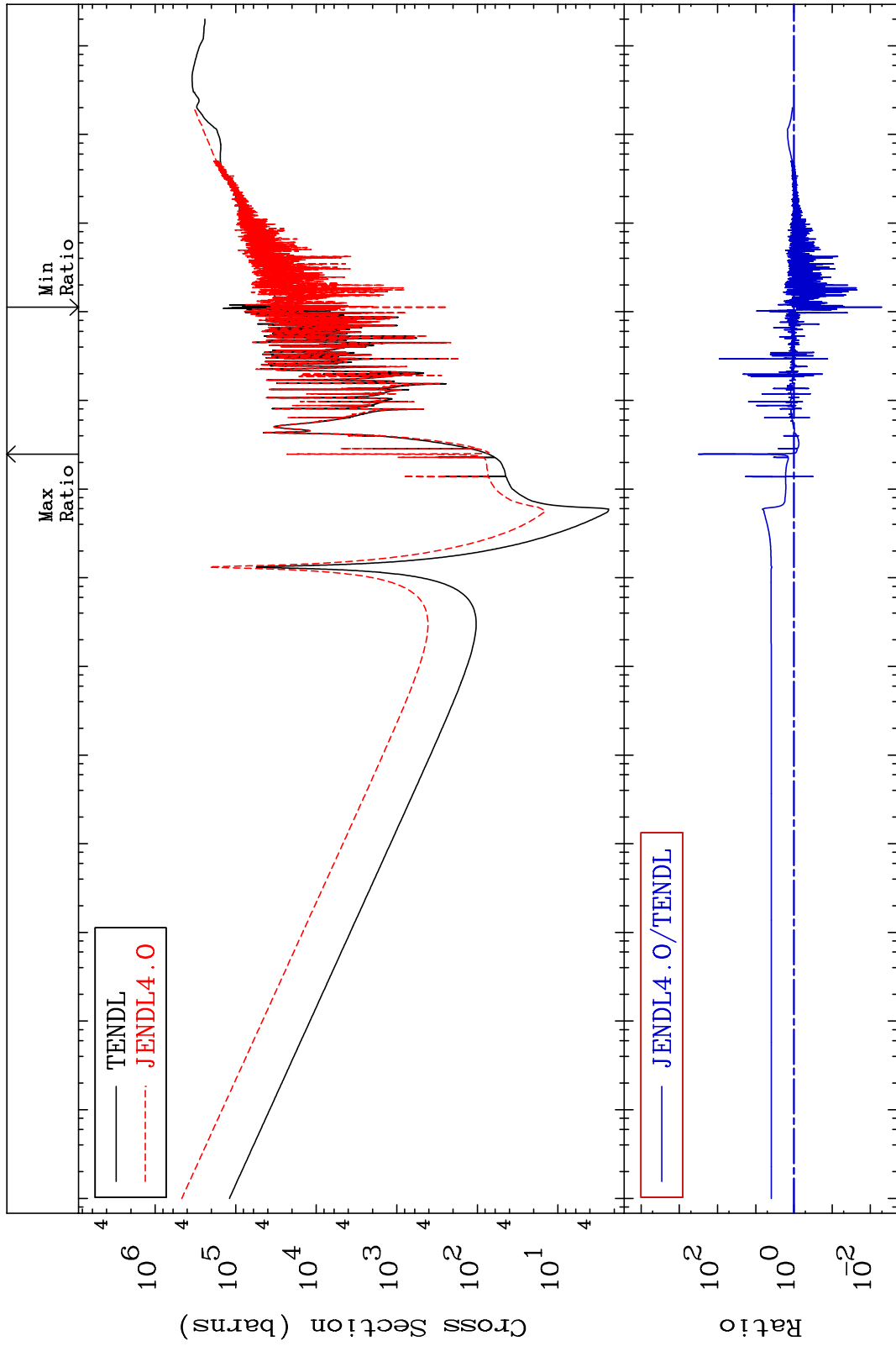
27-Co-59
-99.44 To 9999. %



MAT 2725

Dpa total (eV-barns)
Cross Section

27-Co-59
-99.49 To 9999. %



43

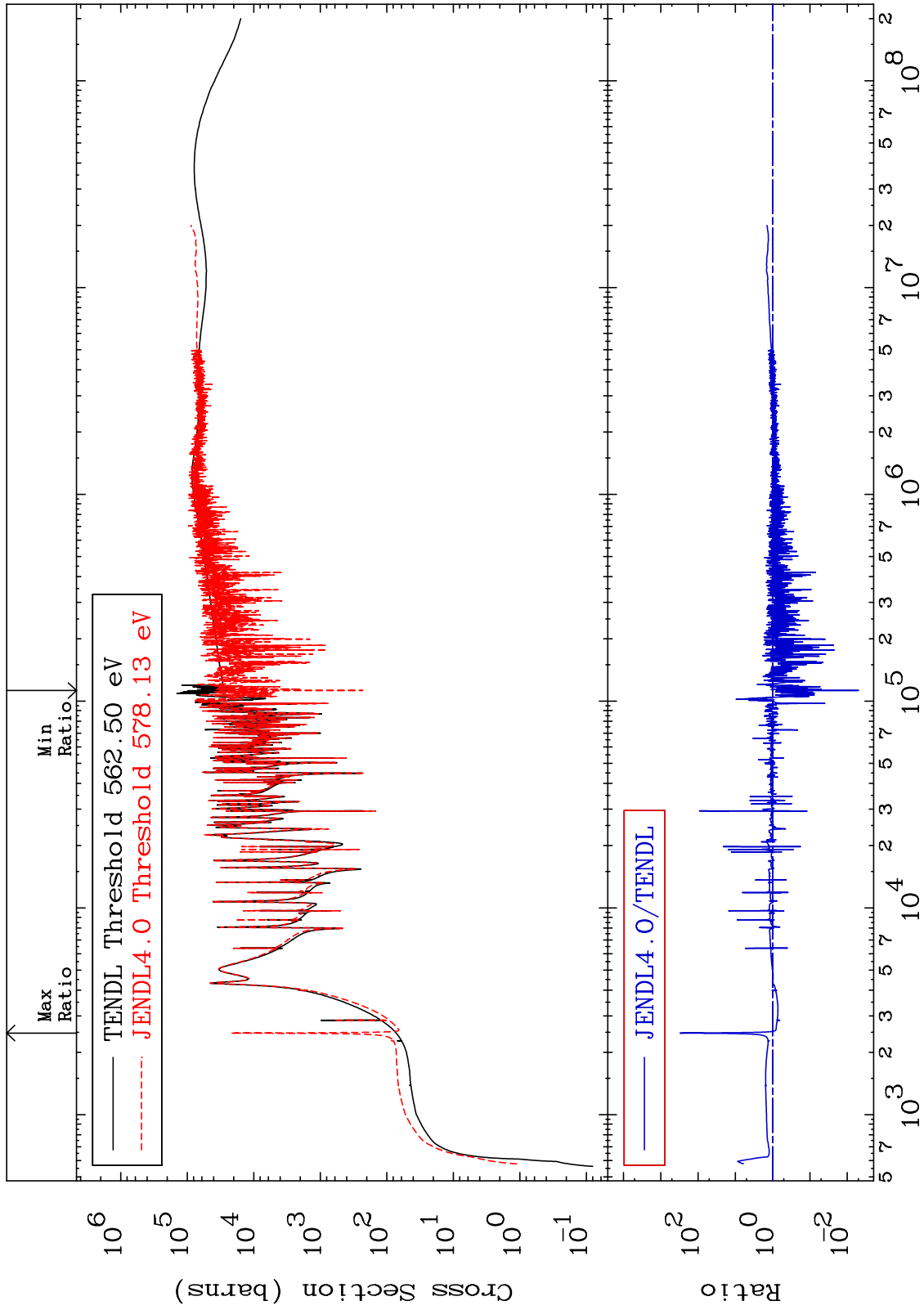
Incident Energy (eV)

27-Co-59

MAT 2725

Dpa elastic (mt2)
Cross Section

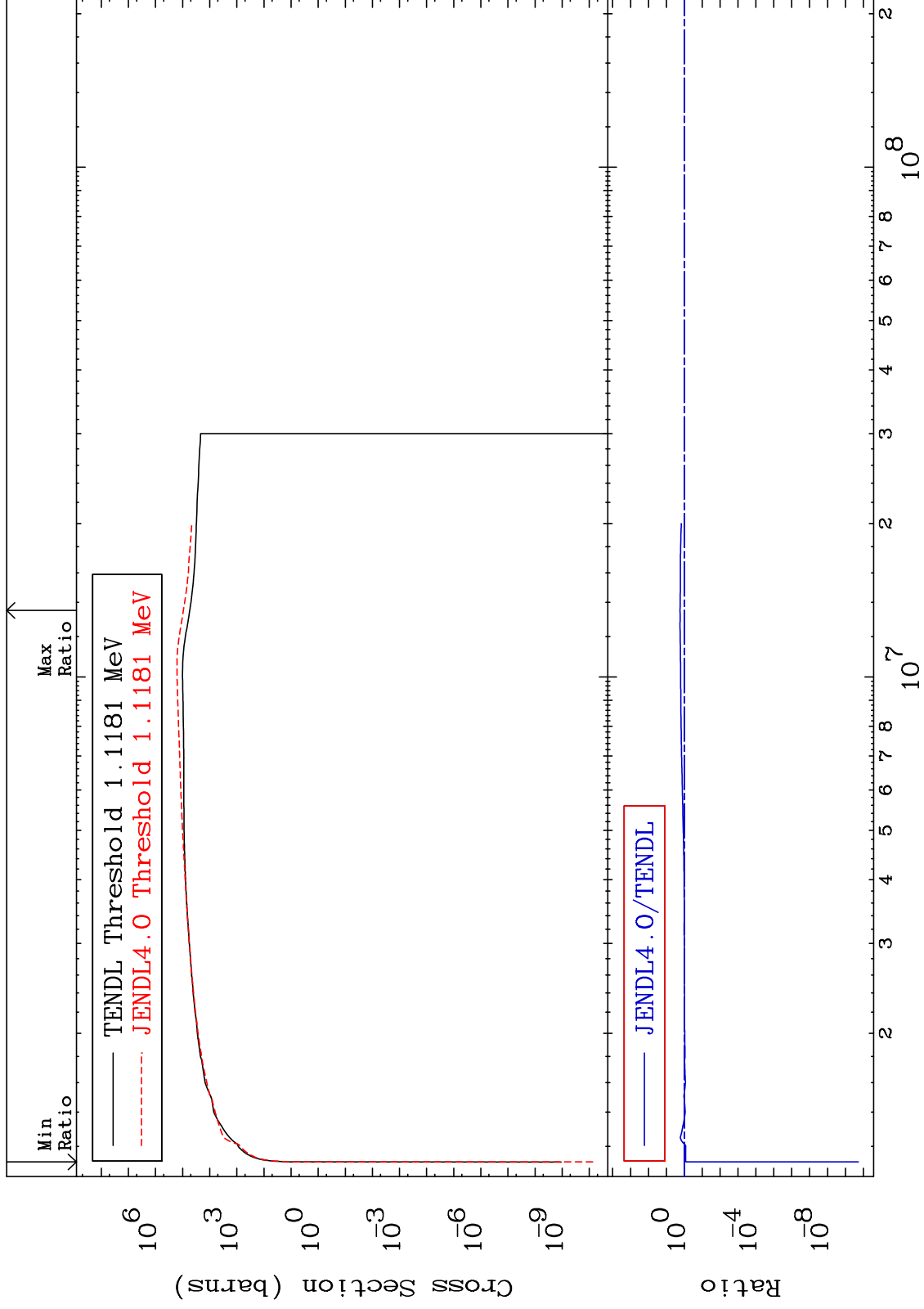
27-Co-59
-99.50 To 9999. %



MAT 2725

Dpa inelastic (mt51-91)
Cross Section

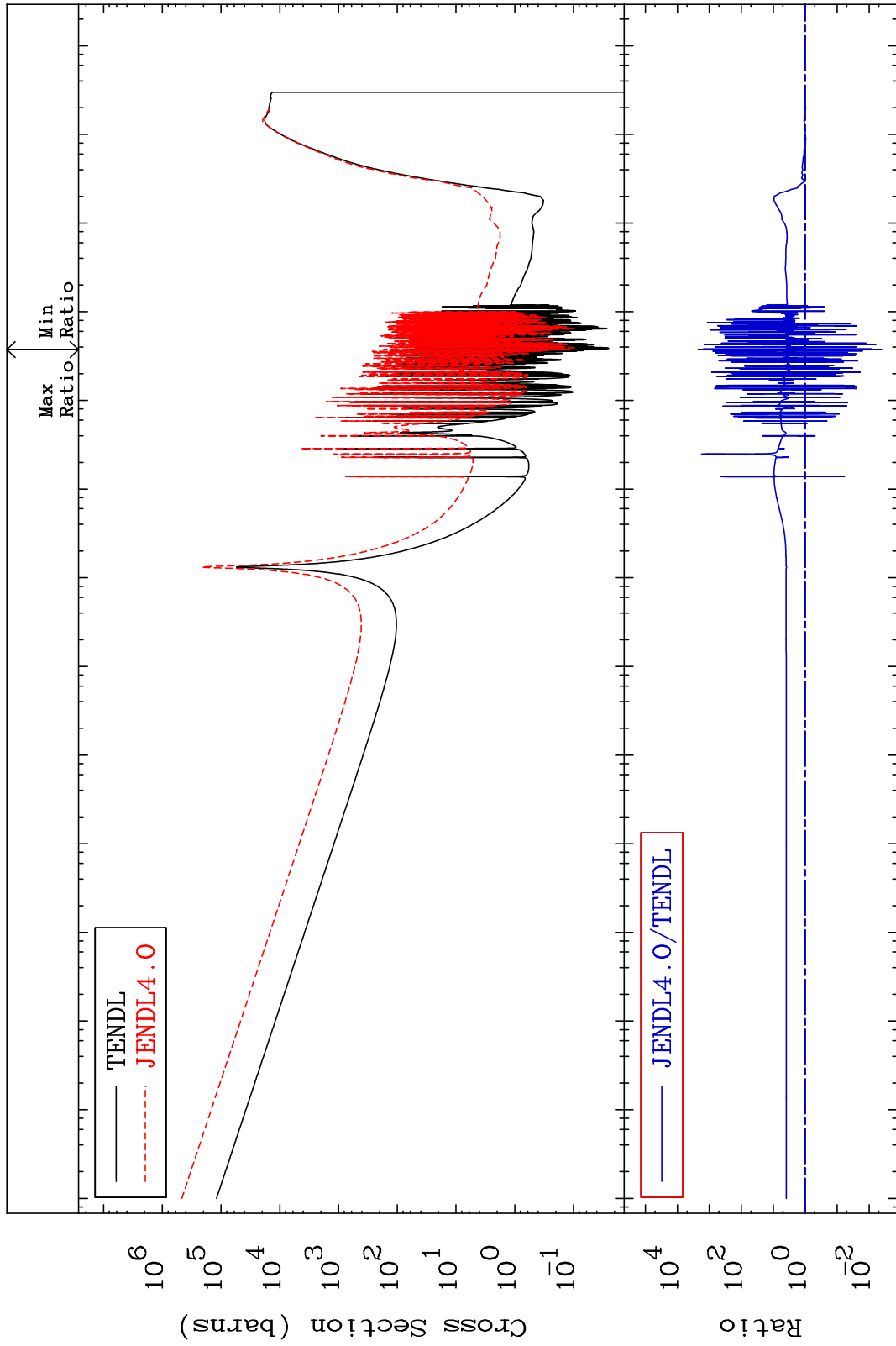
27-Co-59
-100.0 To 72.75 %



MAT 2725

Dpa disappearance (mt102 -120)
Cross Section

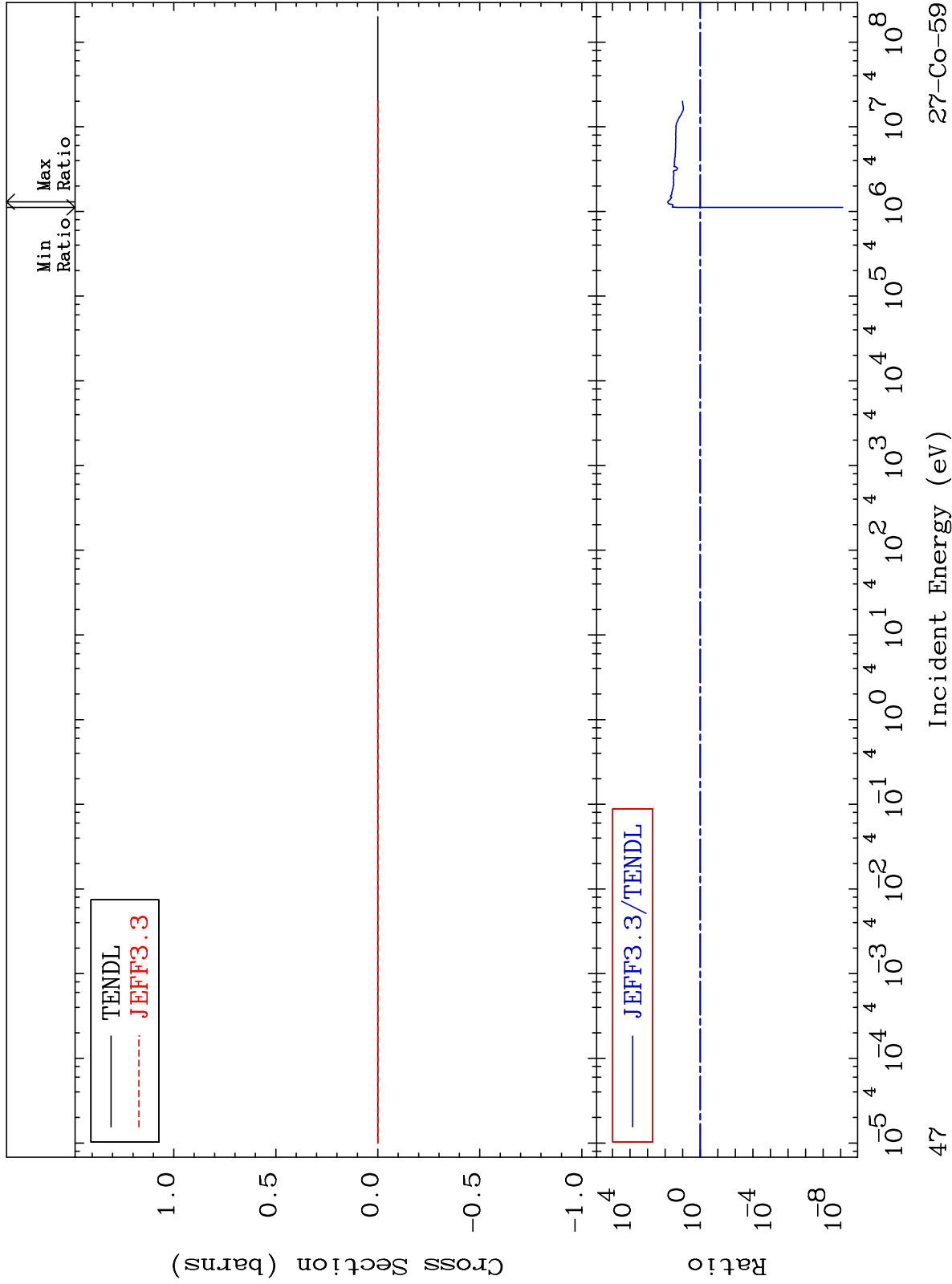
27-Co-59
-99.59 To 9999. %



MAT 2725

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

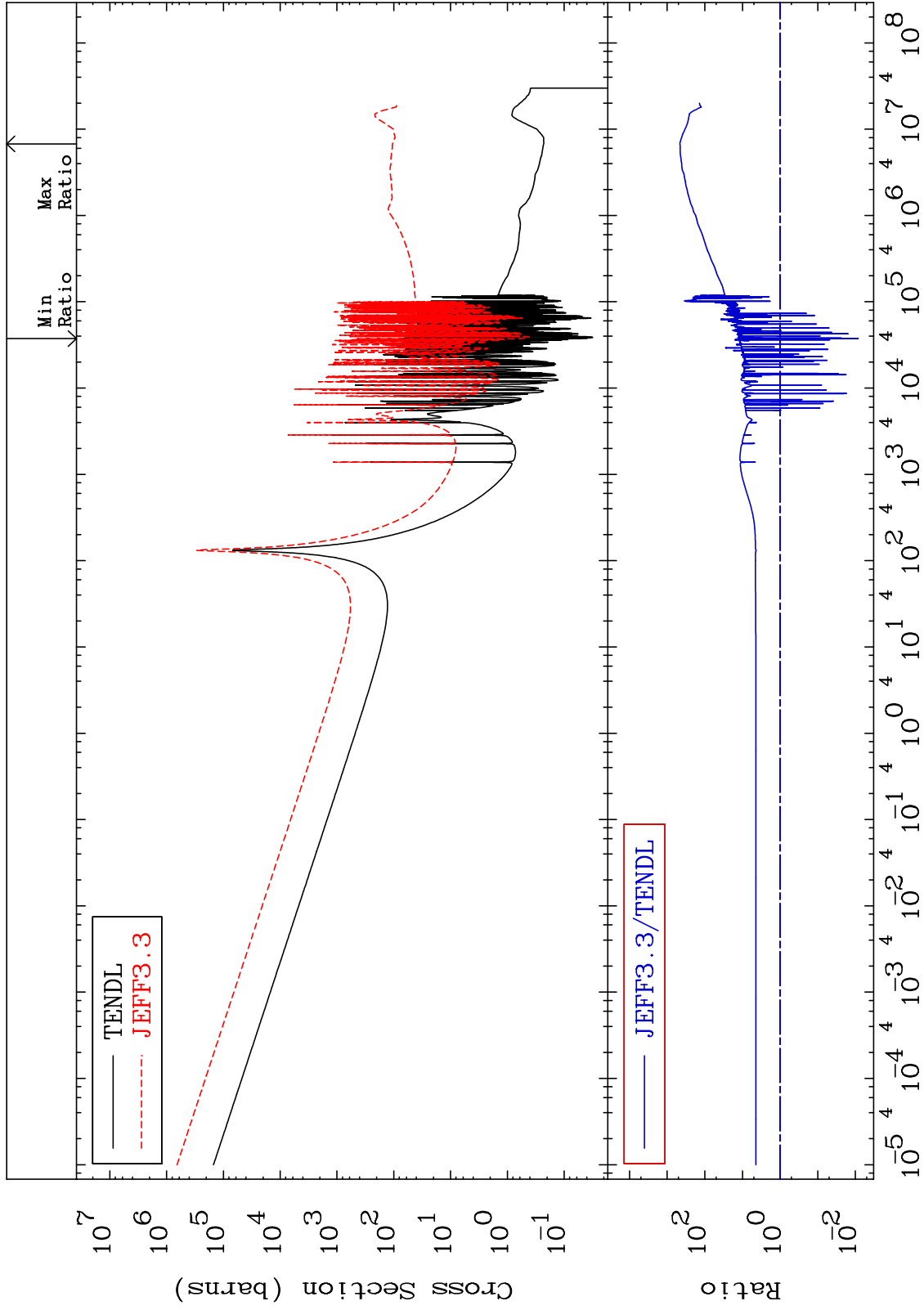
27-Co-59
-100.0 To 7121. %



MAT 2725

Kerma capture (mt102)
Cross Section

27-Co-59
-99.17 To 9999. %



48

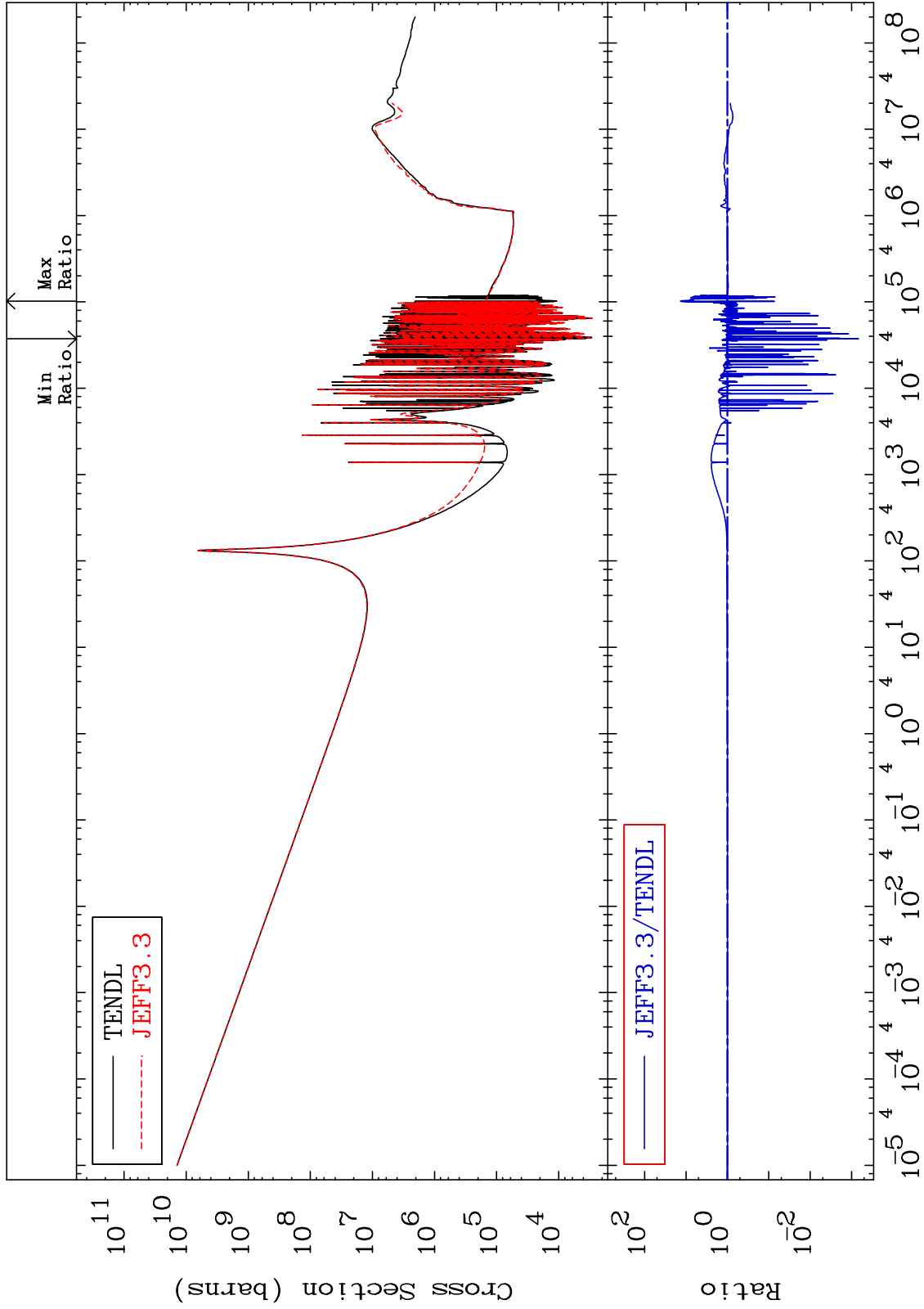
Incident Energy (eV)

27-Co-59

MAT 2725

Total photon (eV-barns)
Cross Section

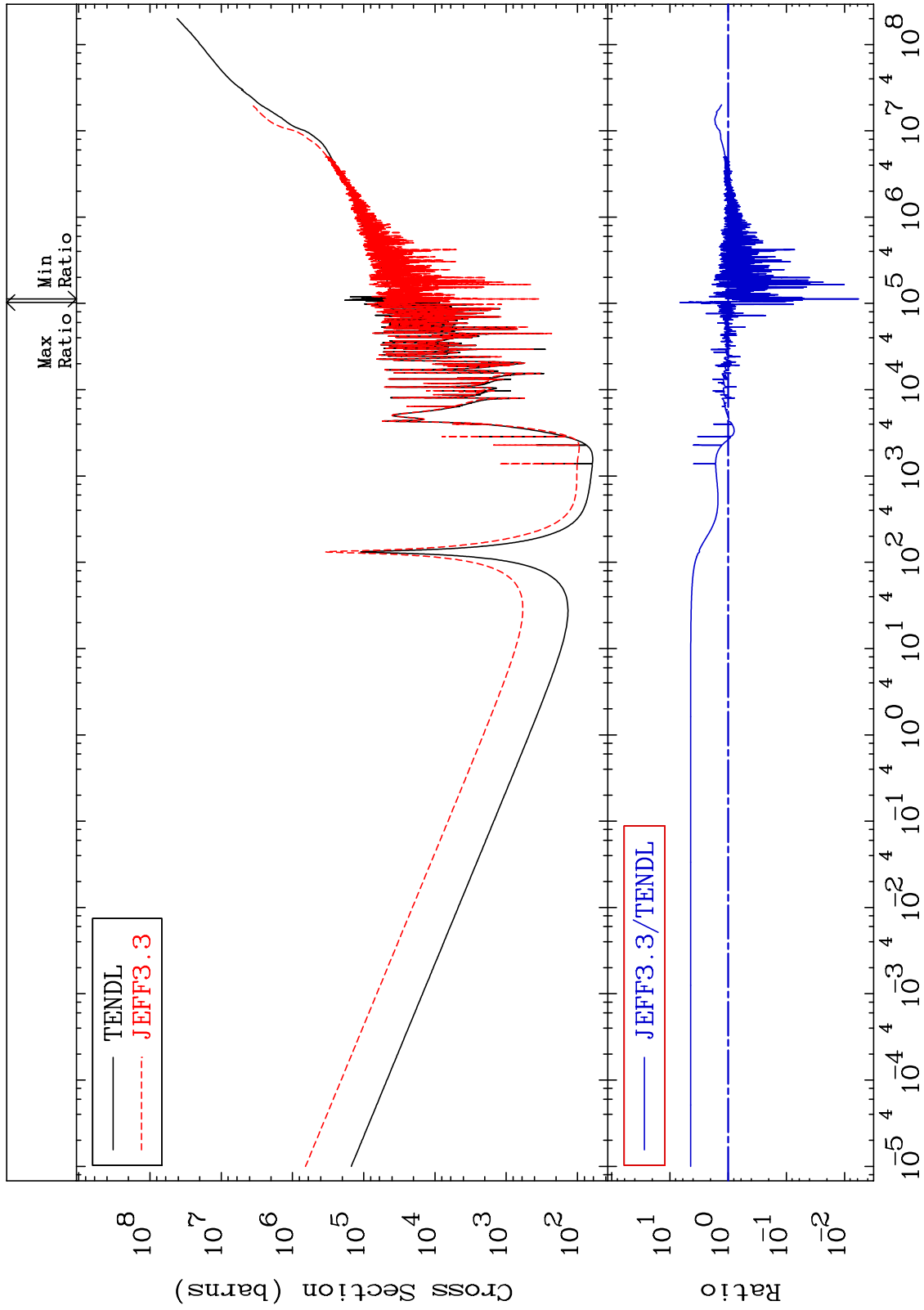
27-Co-59
-99.93 To 1291. %



MAT 2725

Total kinematic kerma (high limit)
Cross Section

27-Co-59
-99.42 To 568.8 %



50

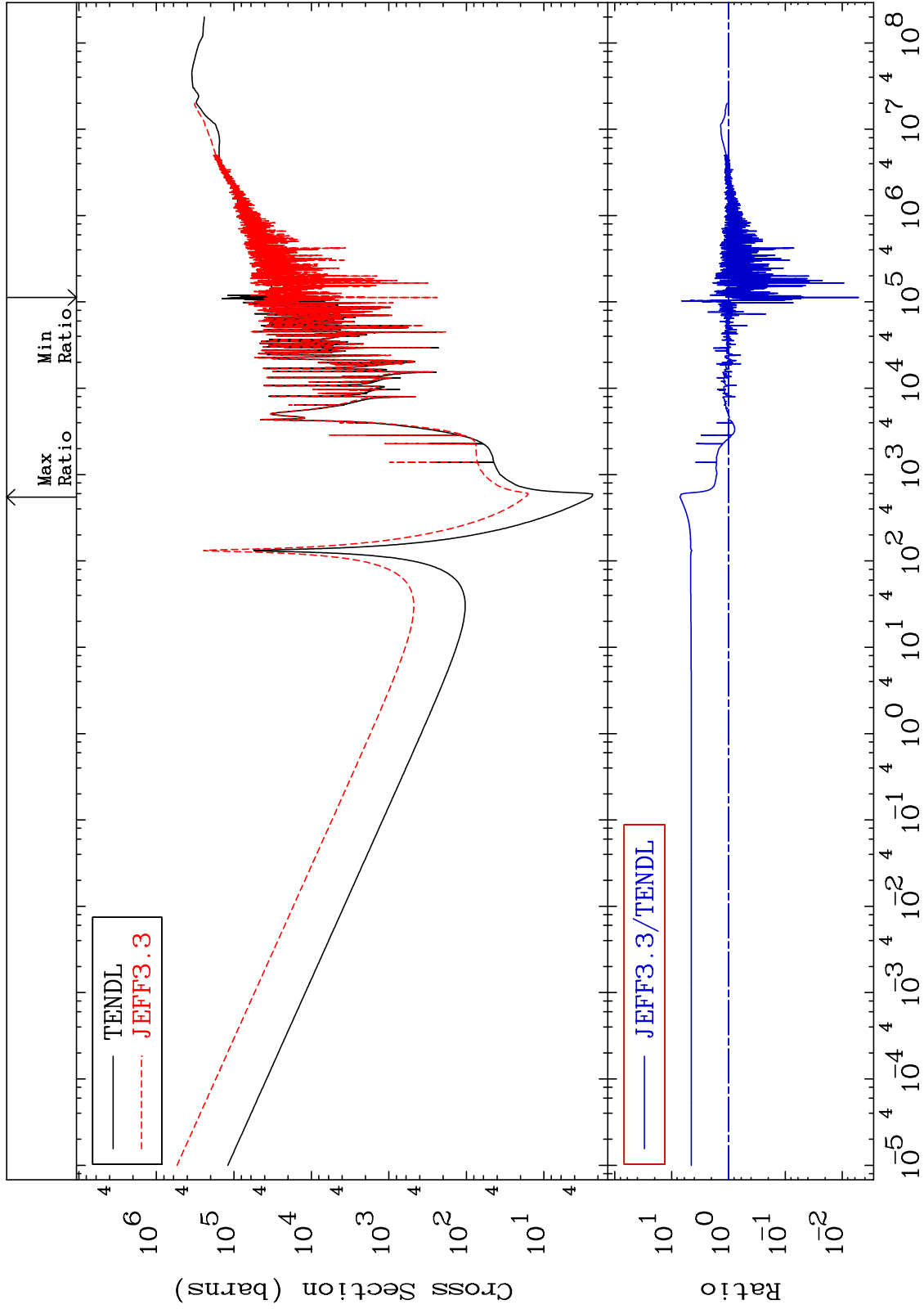
Incident Energy (eV)

27-Co-59

MAT 2725

Dpa total (eV-barns)
Cross Section

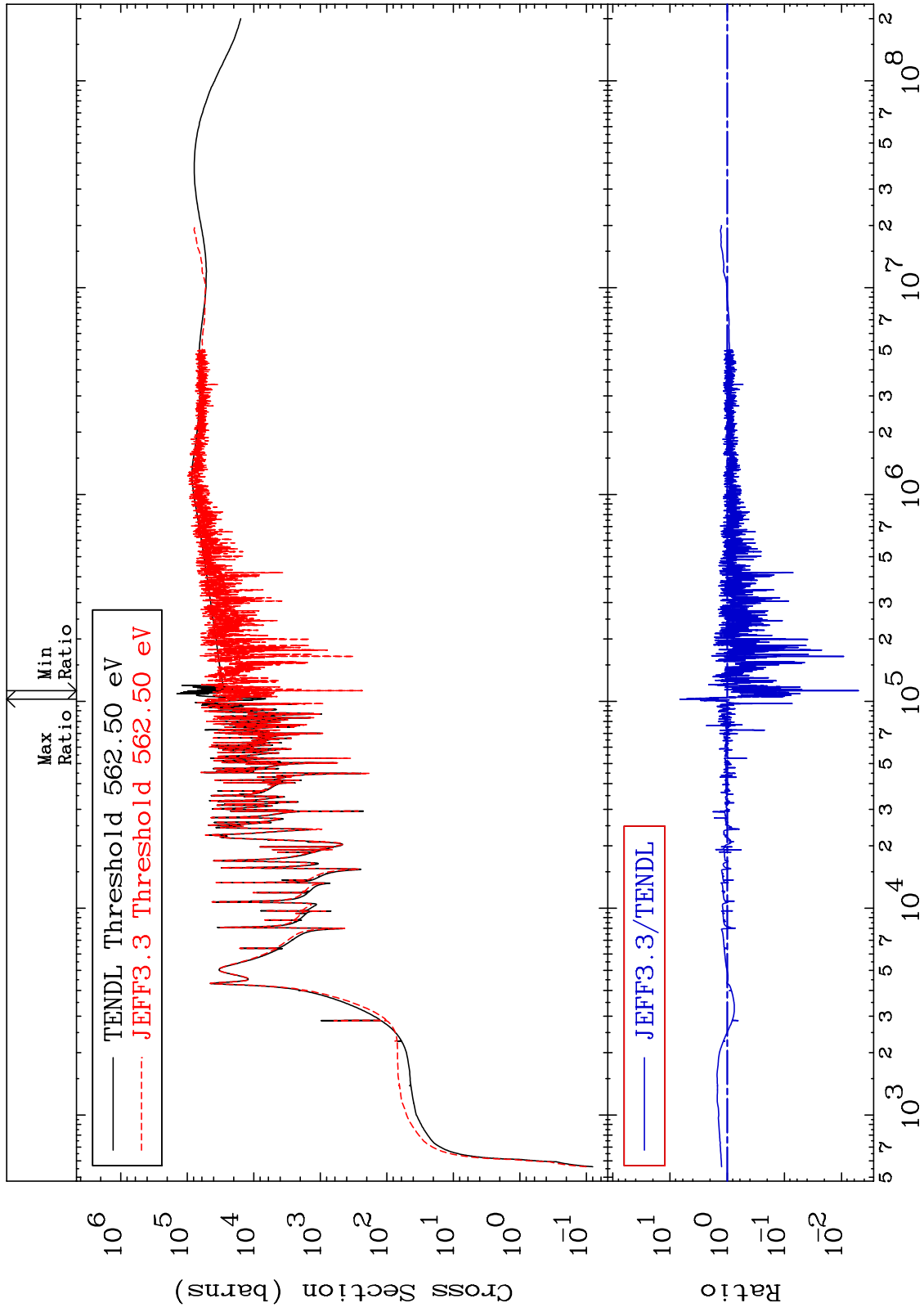
27-Co-59
-99.48 To 613.6 %



MAT 2725

Dpa elastic (mt2)
Cross Section

27-Co-59
-99.49 To 568.4 %



52

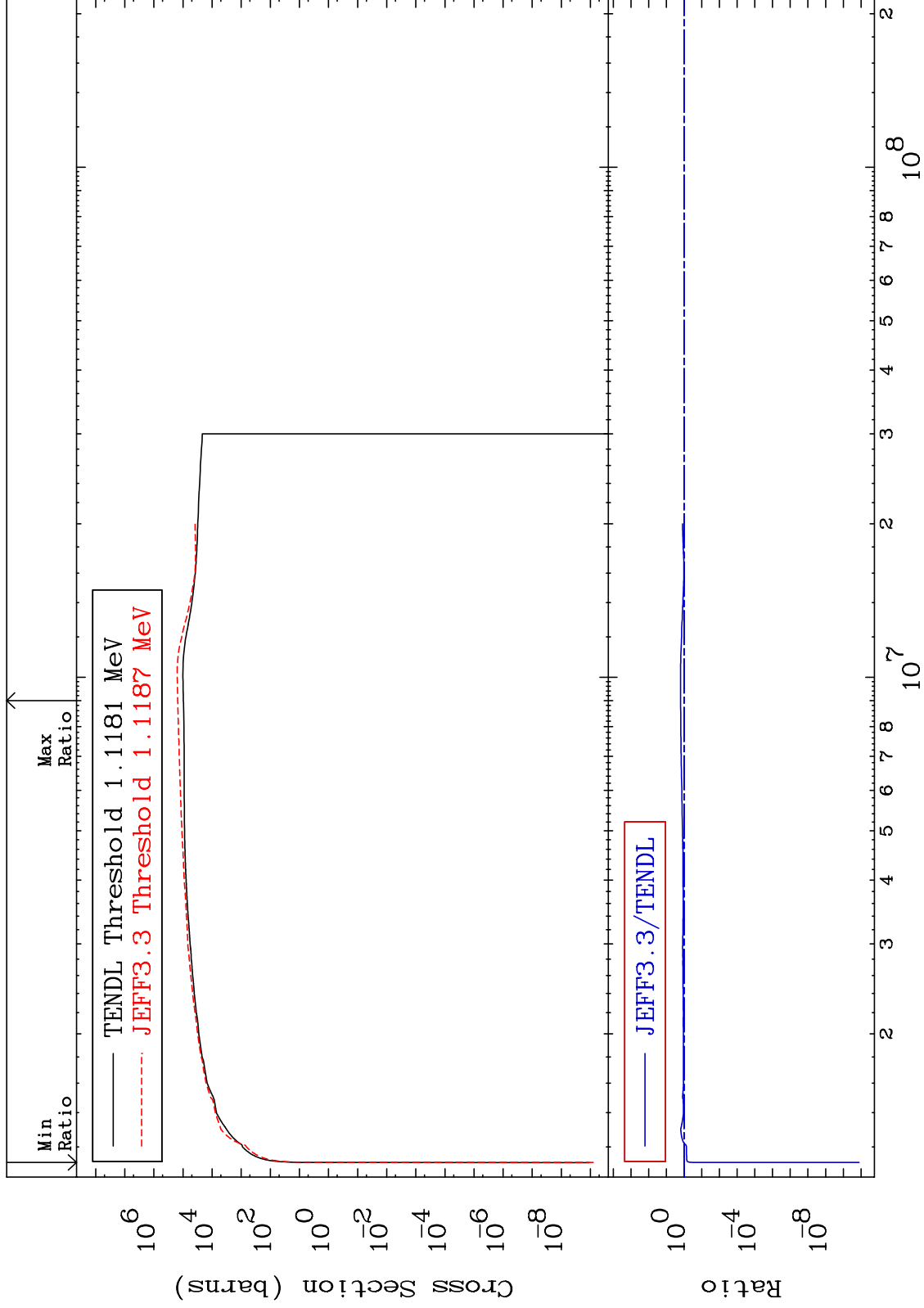
Incident Energy (eV)

27-Co-59

MAT 2725

Dpa inelastic (mt51-91)
Cross Section

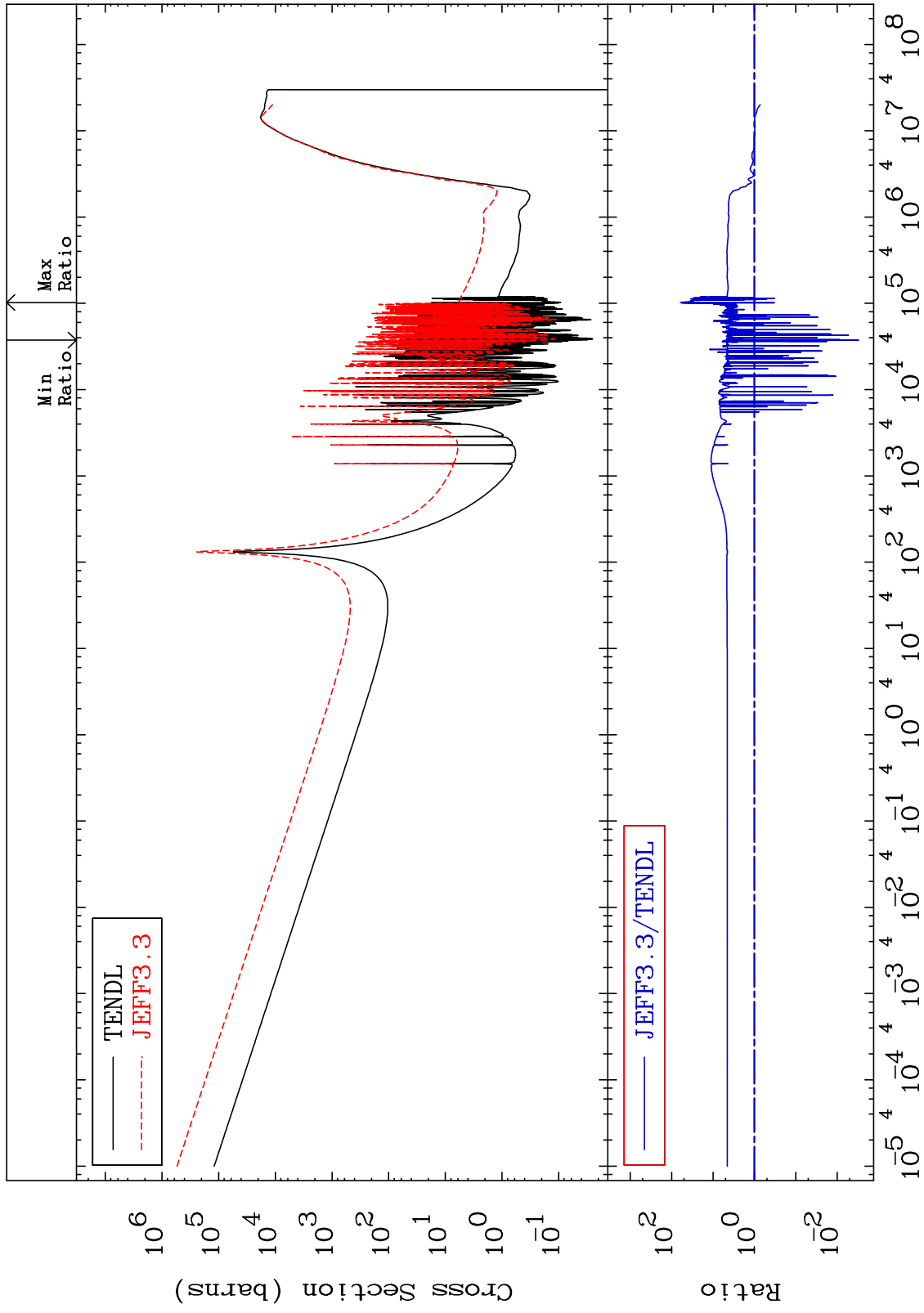
27-Co-59
-100.0 To 57.33 %



MAT 2725

Dpa disappearance (mt102 -120)
Cross Section

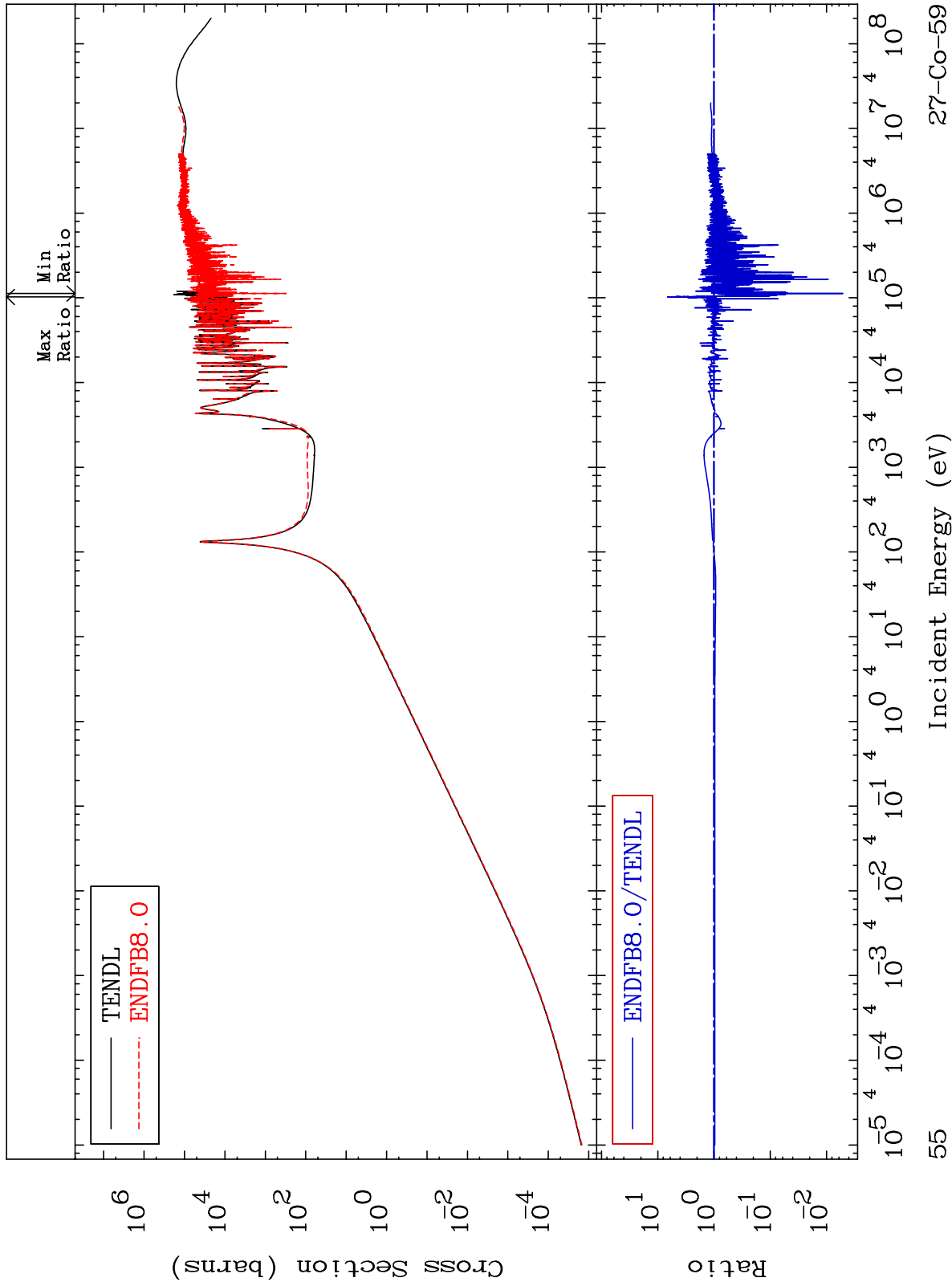
27-Co-59
-99.69 To 6179. %



MAT 2725

Kerma elastic
Cross Section

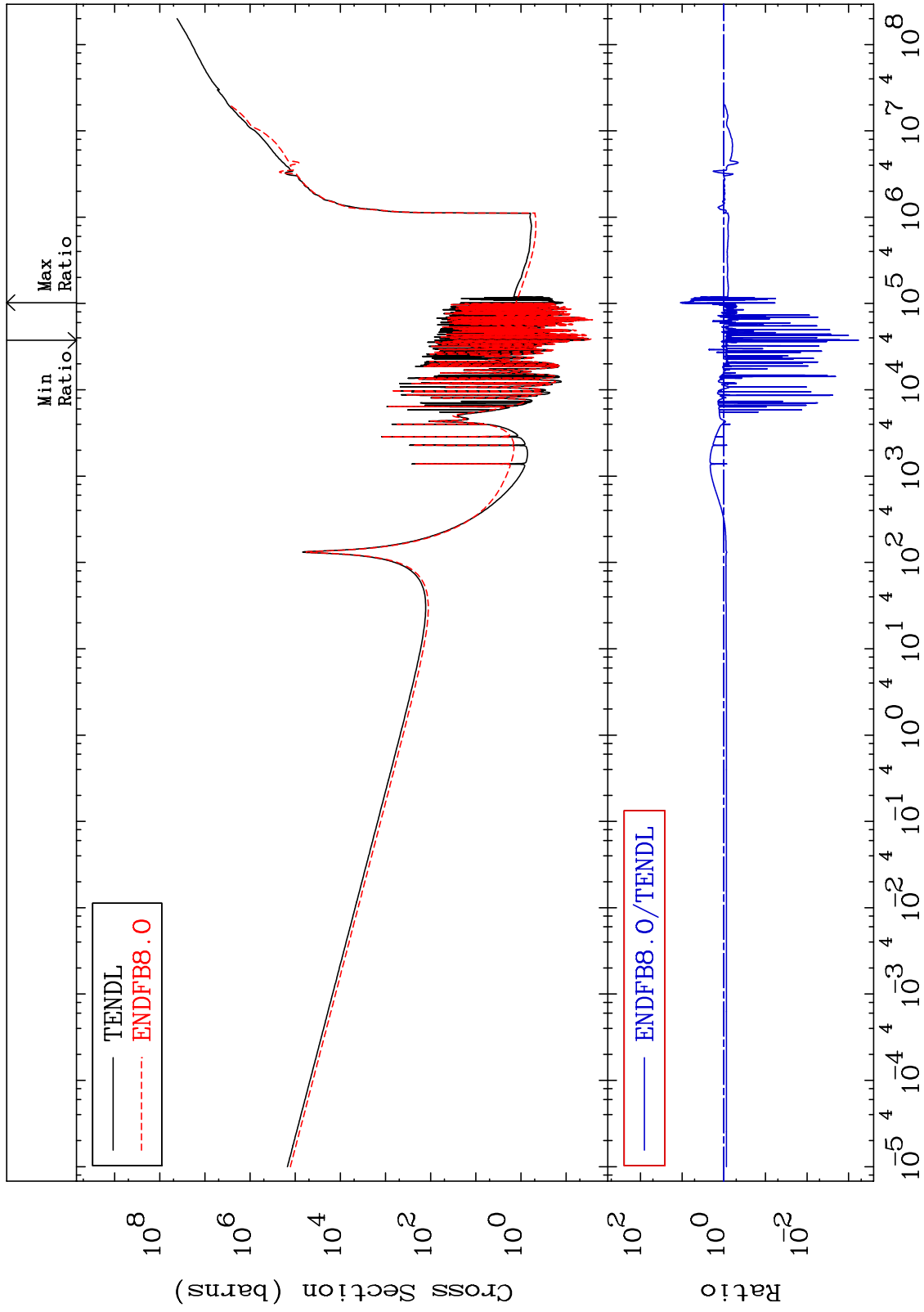
27-Co-59
-99.48 To 569.9 %



MAT 2725

Kerma non-elastic (all but mt2)
Cross Section

27-Co-59
-99.94 To 1021. %



56

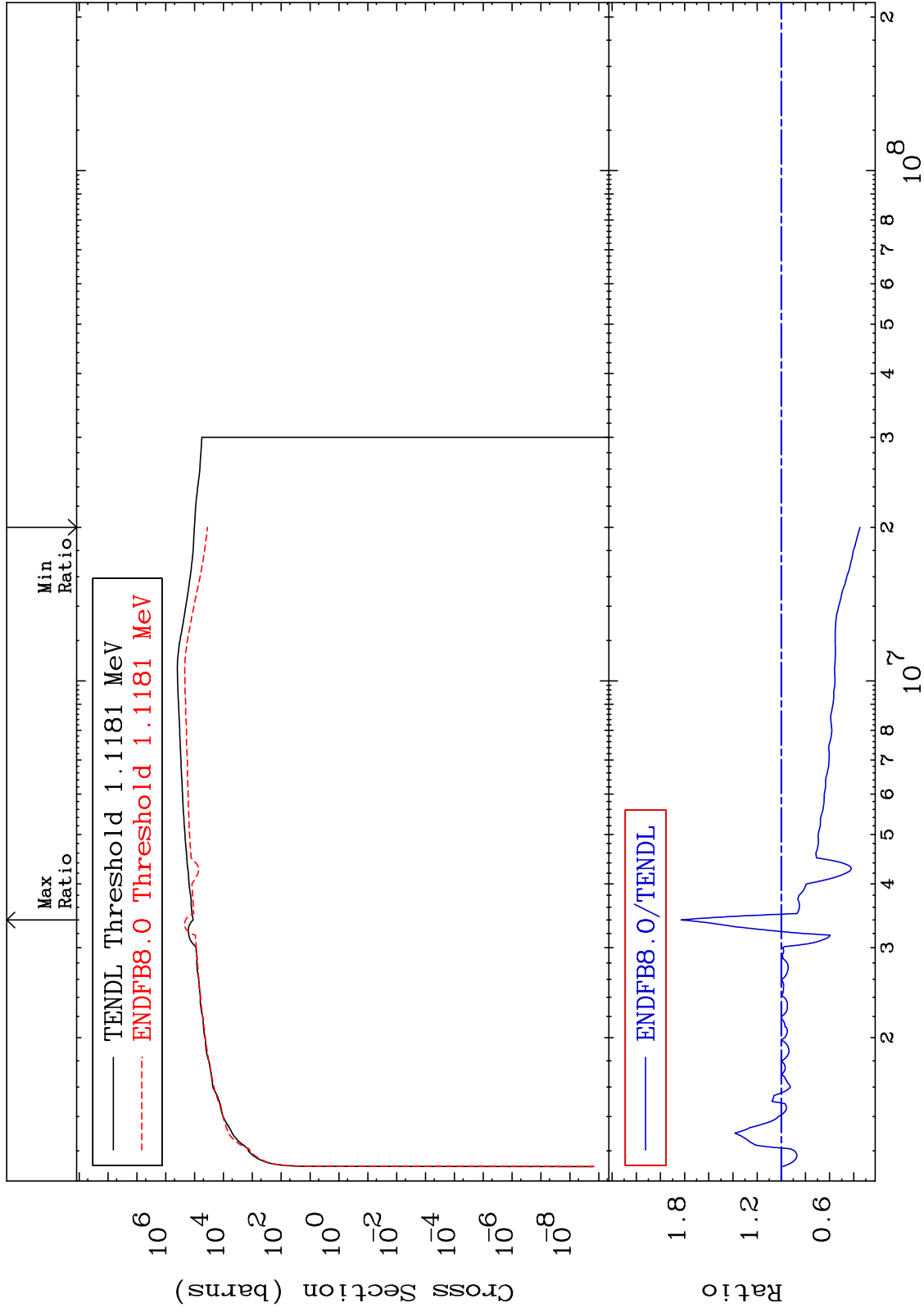
Incident Energy (eV)

27-Co-59

MAT 2725

Kerma inelastic (mt51-91)
Cross Section

27-Co-59
-65.12 To 82.80 %



57

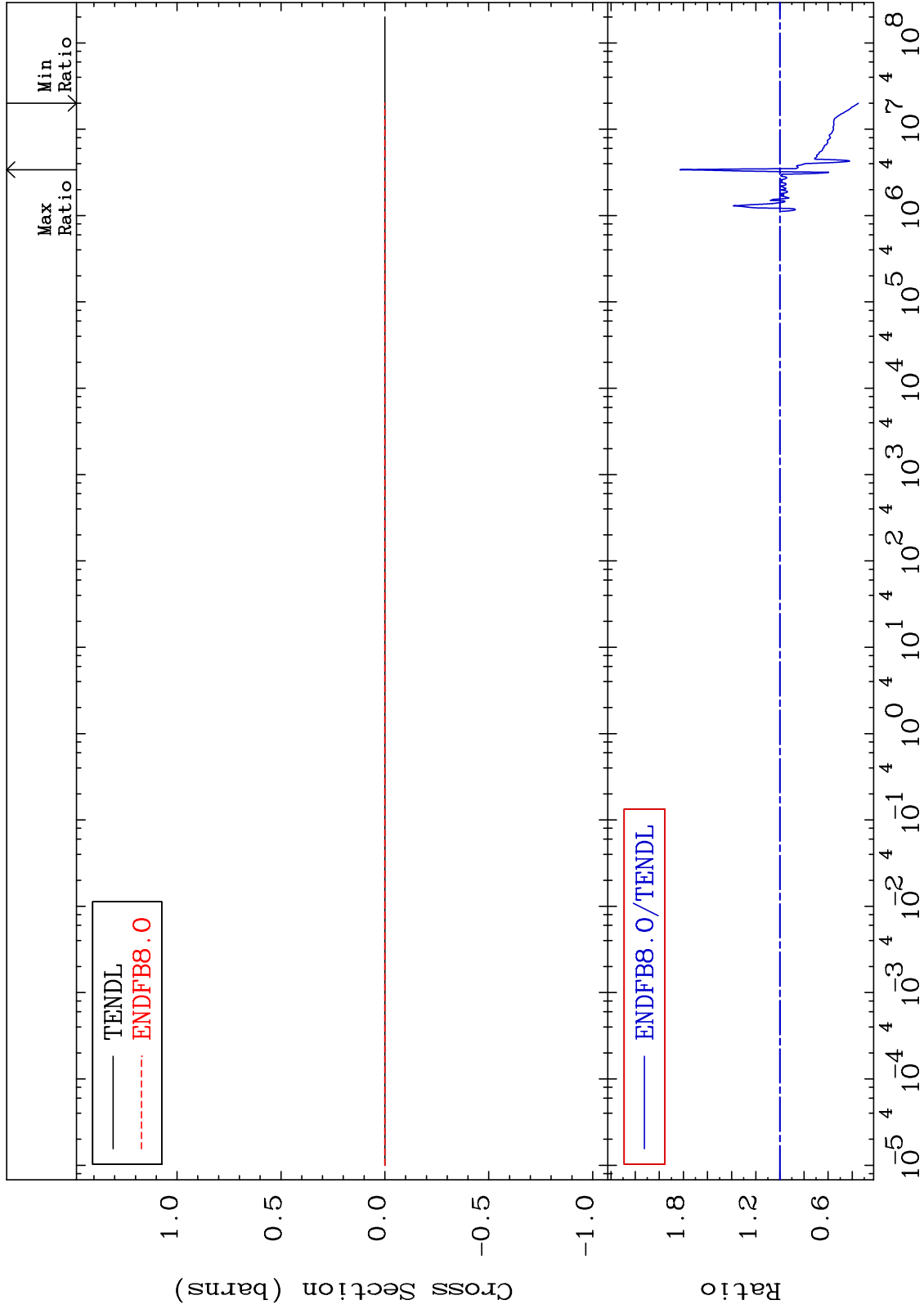
Incident Energy (eV)

27-Co-59

MAT 2725

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

27-Co-59
-65.12 To 82.80 %



58

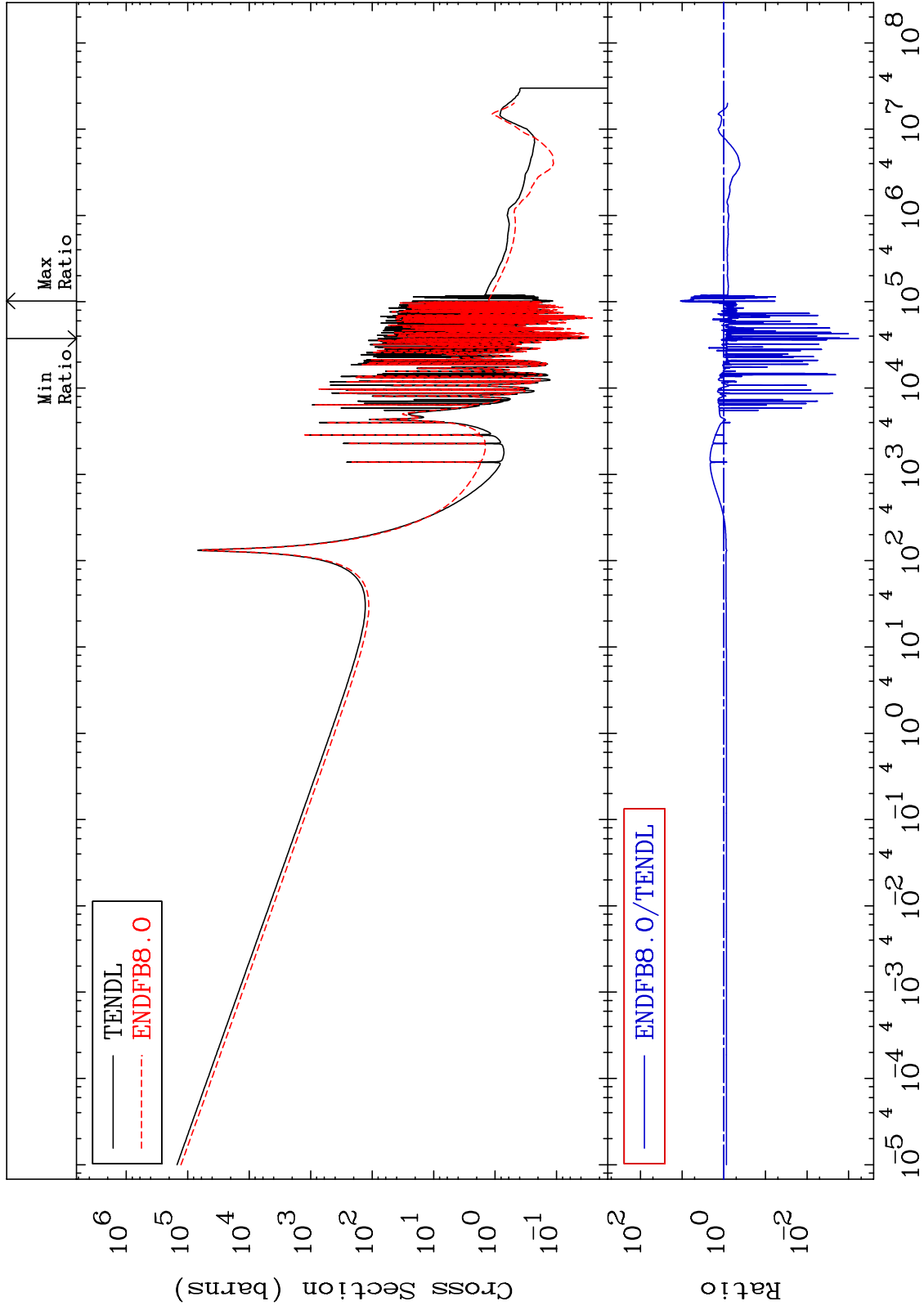
Incident Energy (eV)

27-Co-59

MAT 2725

Kerma capture (mt102)
Cross Section

27-Co-59
-99.94 To 1021. %



59

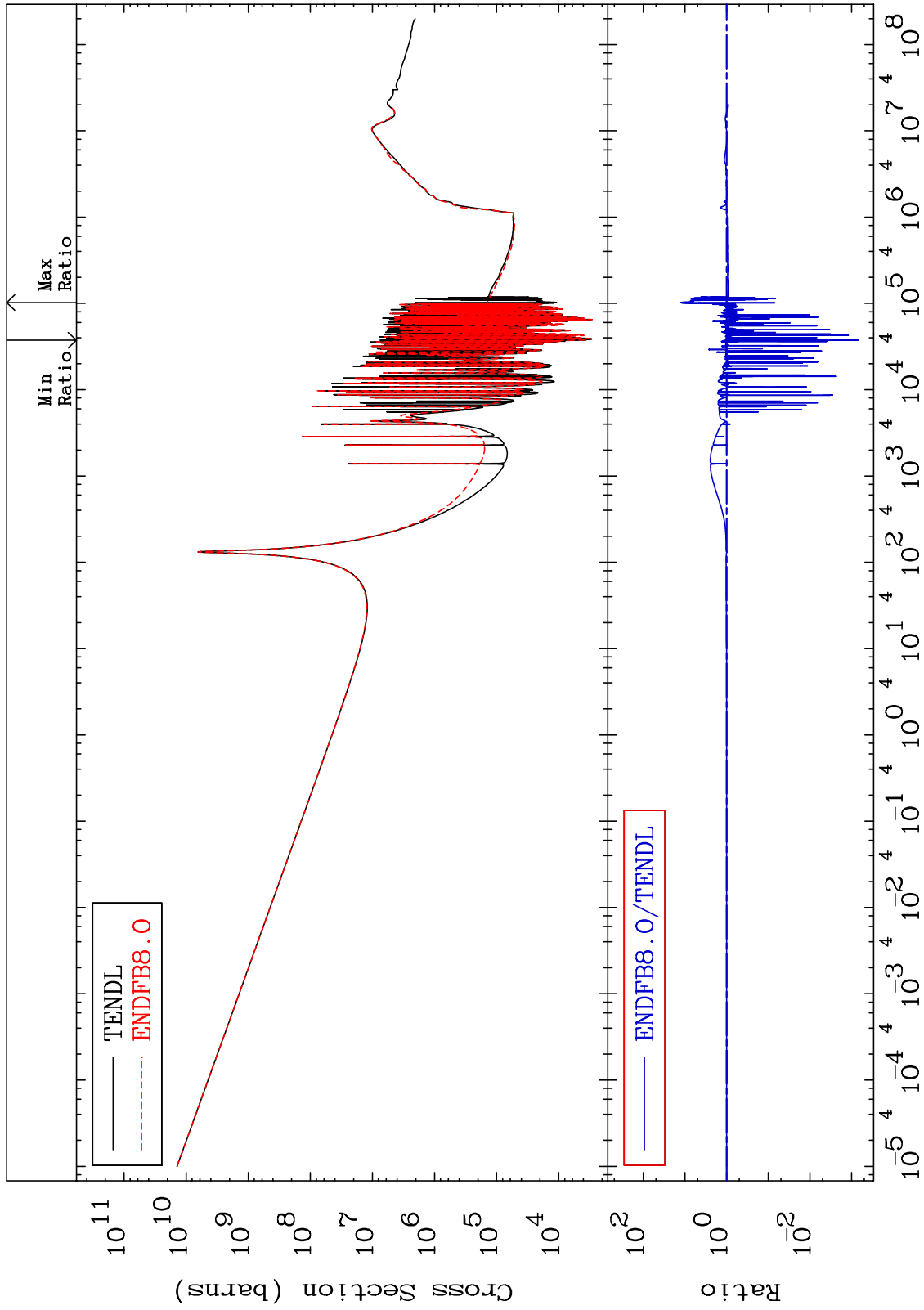
Incident Energy (eV)

27-Co-59

MAT 2725

Total photon (eV-barns)
Cross Section

27-Co-59
-99.93 To 1217. %



60

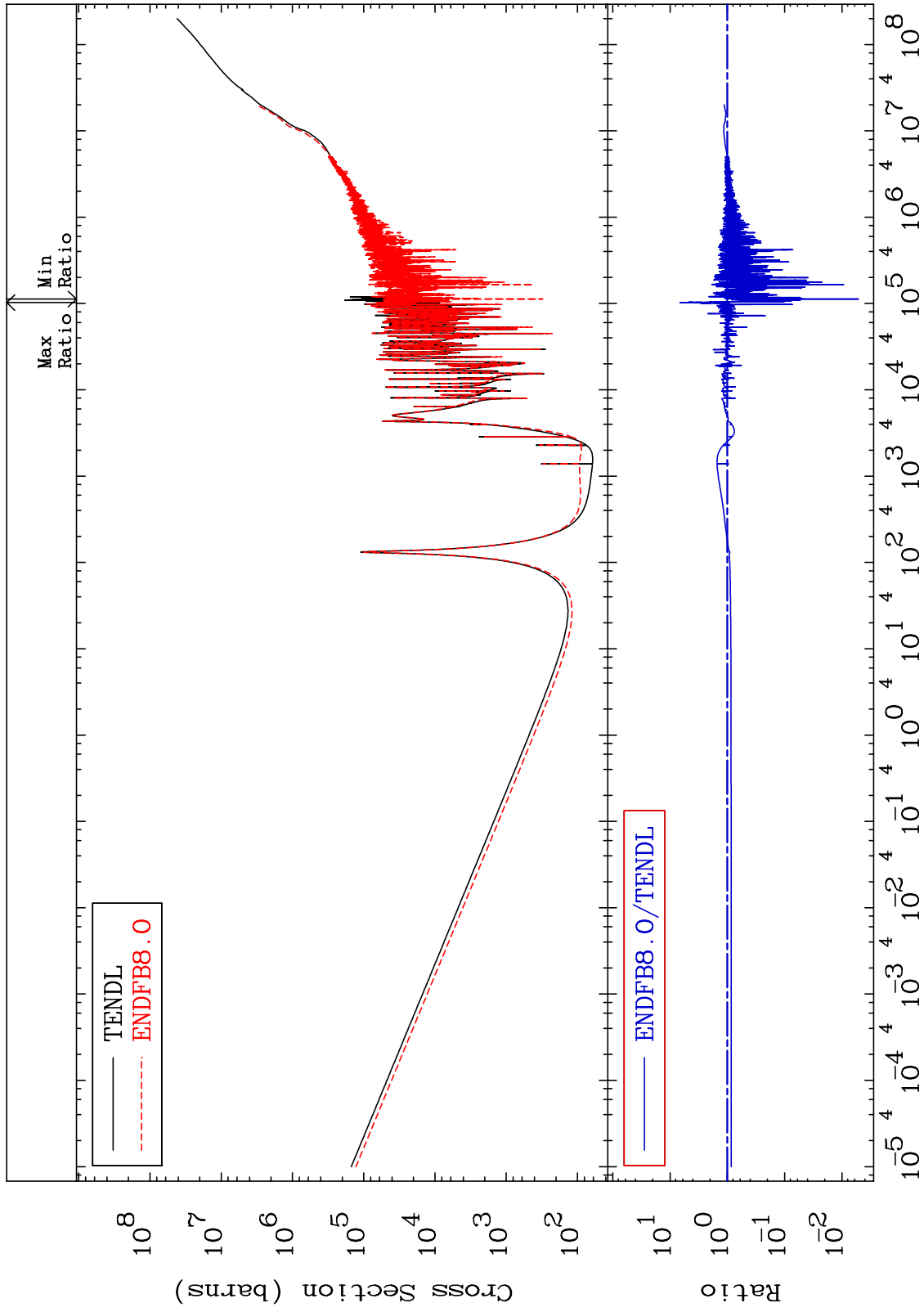
Incident Energy (eV)

27-Co-59

MAT 2725

Total kinematic kerma (high limit)
Cross Section

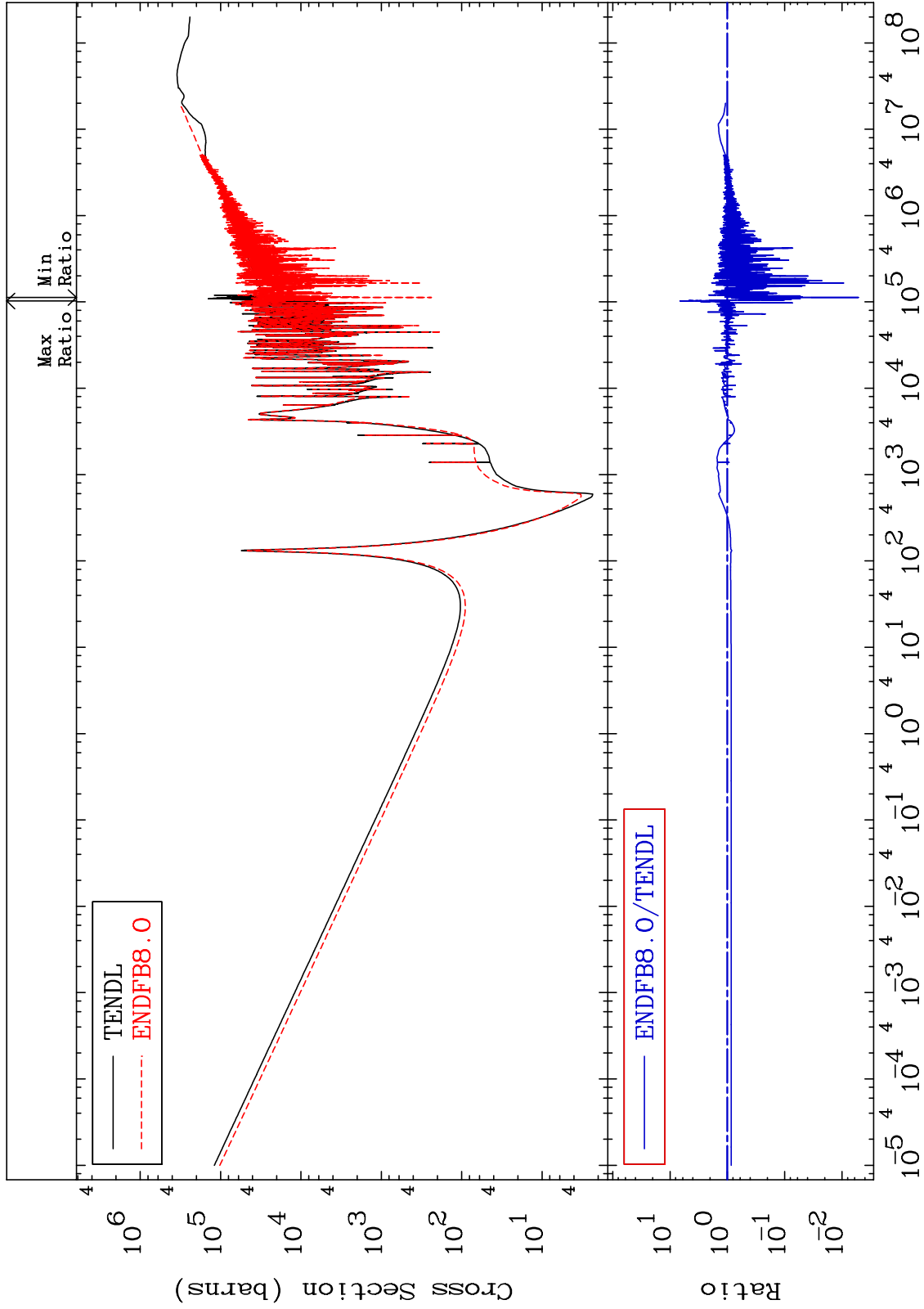
27-Co-59
-99.48 To 569.9 %



MAT 2725

Dpa total (eV-barns)
Cross Section

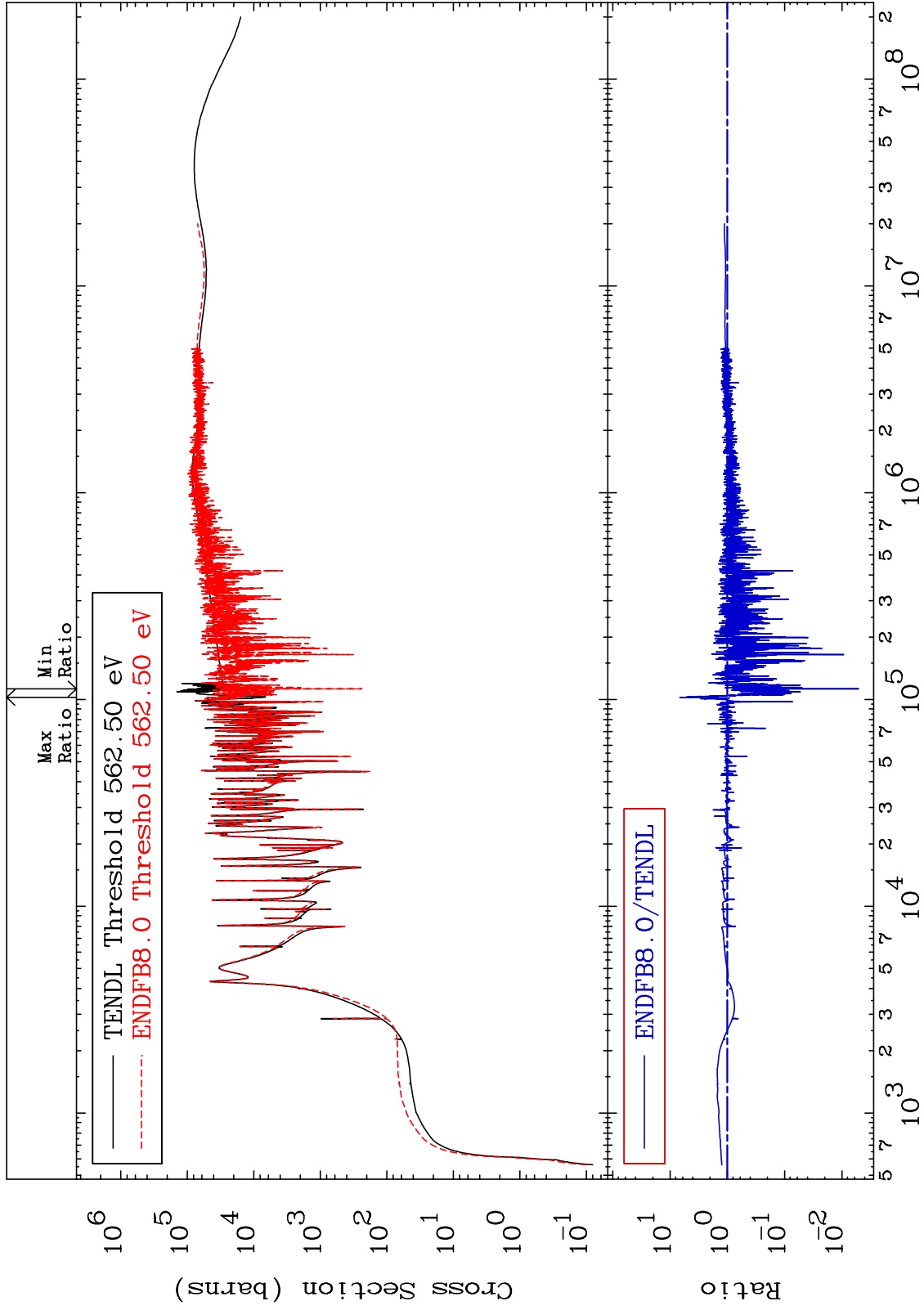
27-Co-59
-99.48 To 569.8 %



MAT 2725

Dpa elastic (mt2)
Cross Section

27-Co-59
-99.48 To 569.8 %



63

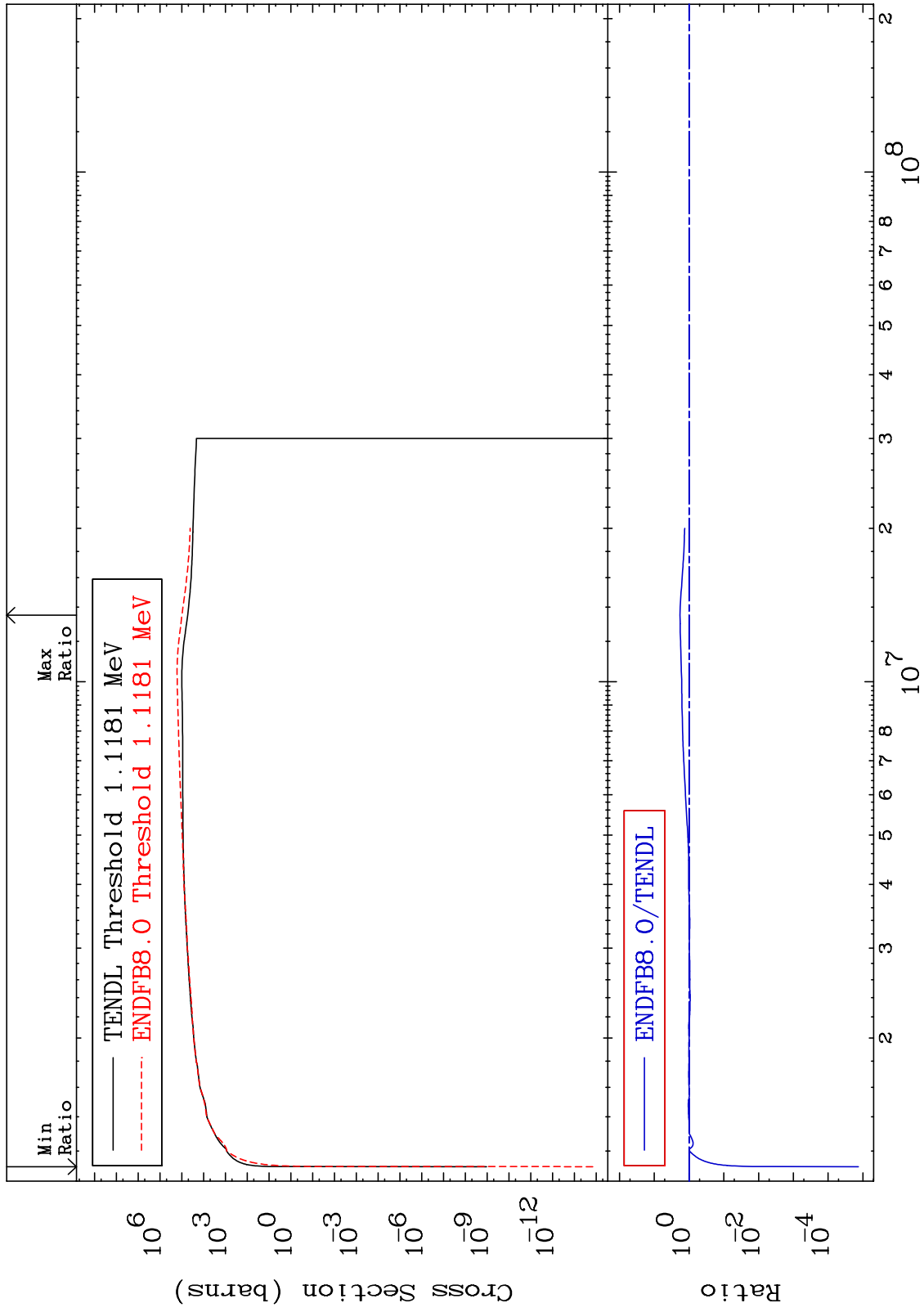
27-Co-59

27-Co-59

MAT 2725

Dpa inelastic (mt51-91)
Cross Section

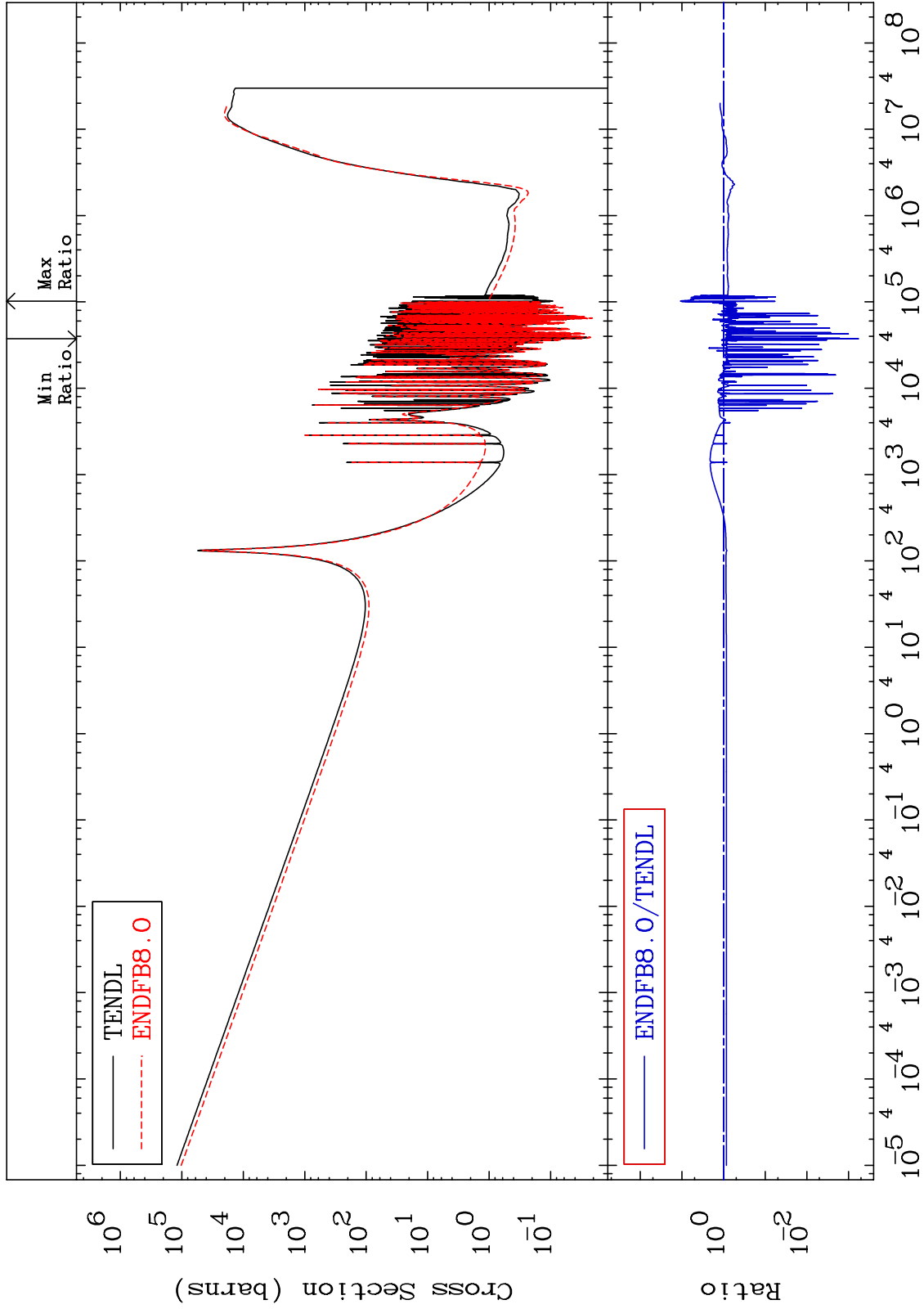
27-Co-59
-100.0 To 82.11 %



MAT 2725

Dpa disappearance (mt102 -120)
Cross Section

27-Co-59
-99.94 To 1015. %



65

Incident Energy (eV)

27-Co-59