

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

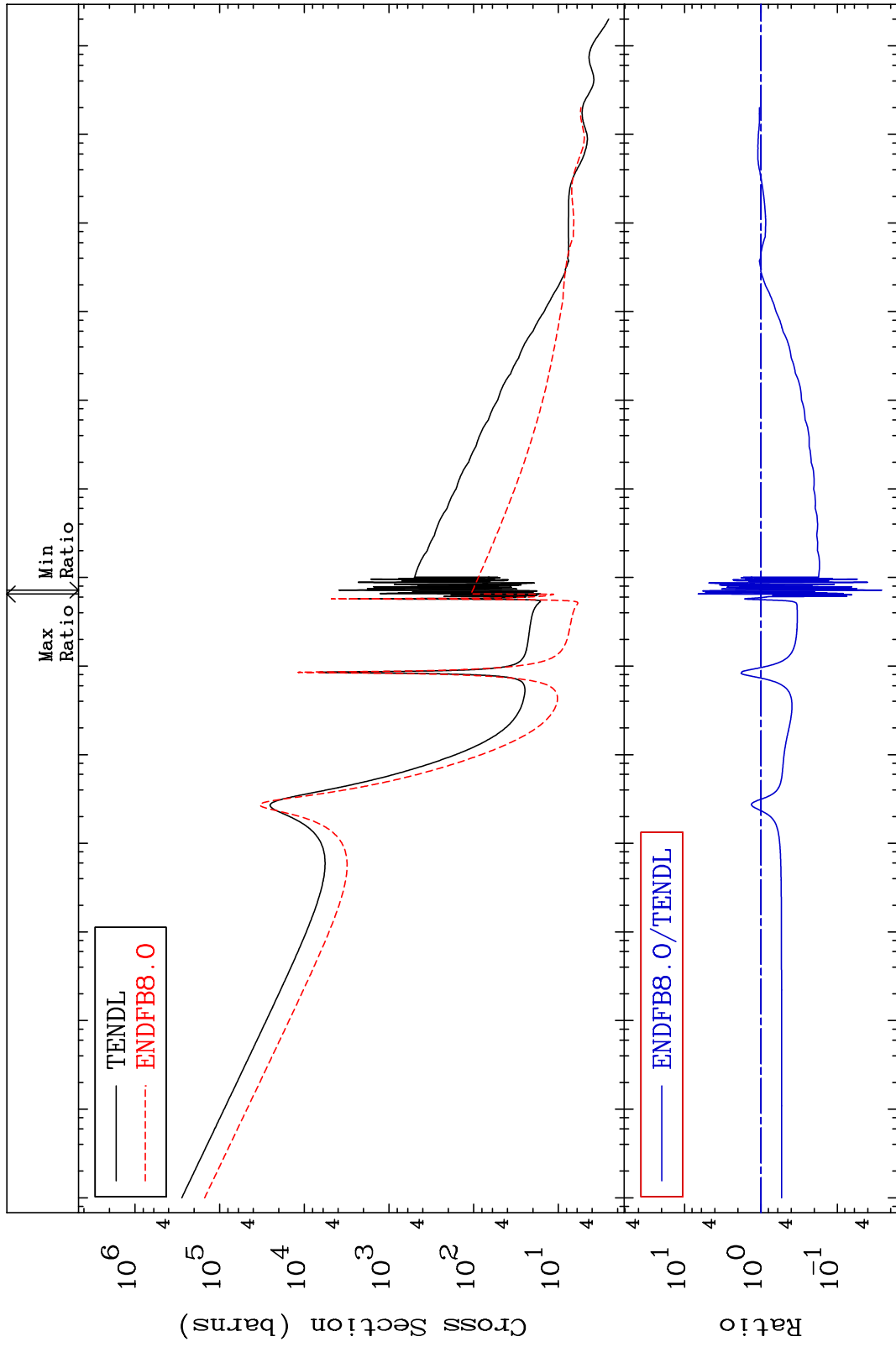
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Press Mouse Button to Start

MAT 6729 Total Cross Section 67-Ho-166 -97.36 To 559.2 %

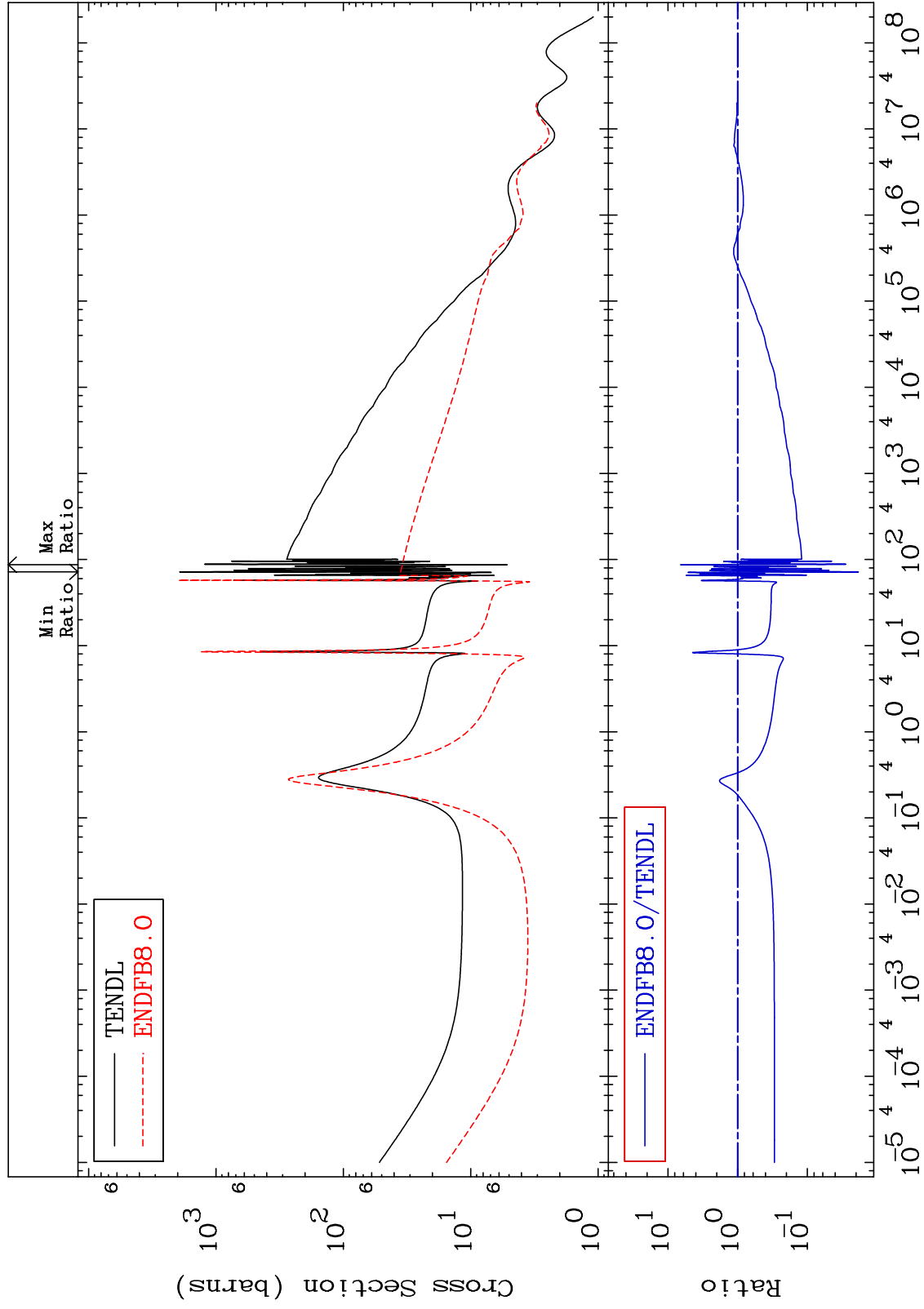


Incident Energy (eV) 67-Ho-166

MAT 6729

Elastic
Cross Section

67-Ho-166
-98.15 To 563.2 %



2

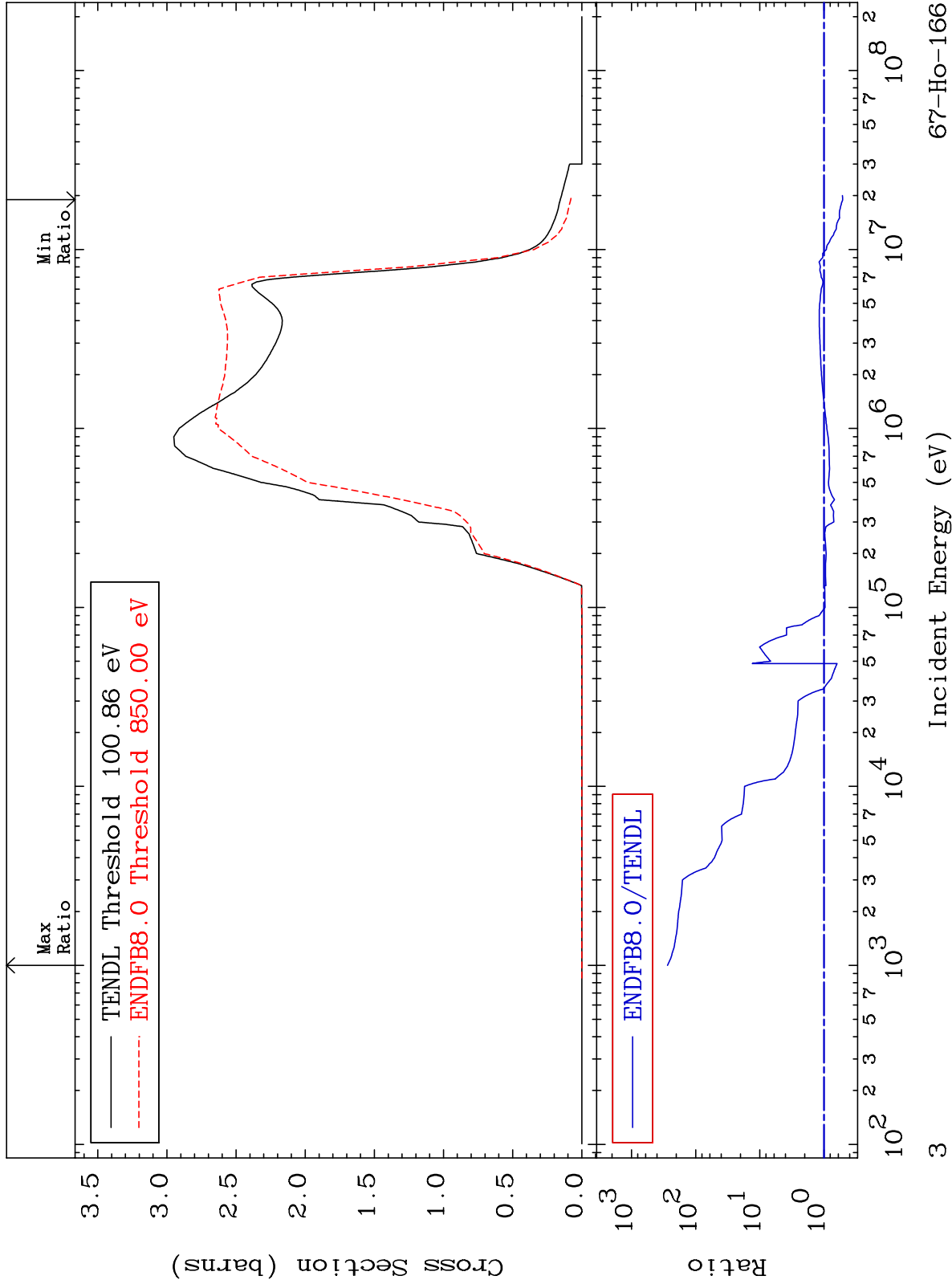
Incident Energy (eV)

67-Ho-166

MAT 6729

Inelastic
Cross Section

67-Ho-166
-48.74 To 9999. %



67-Ho-166

Incident Energy (eV)

3

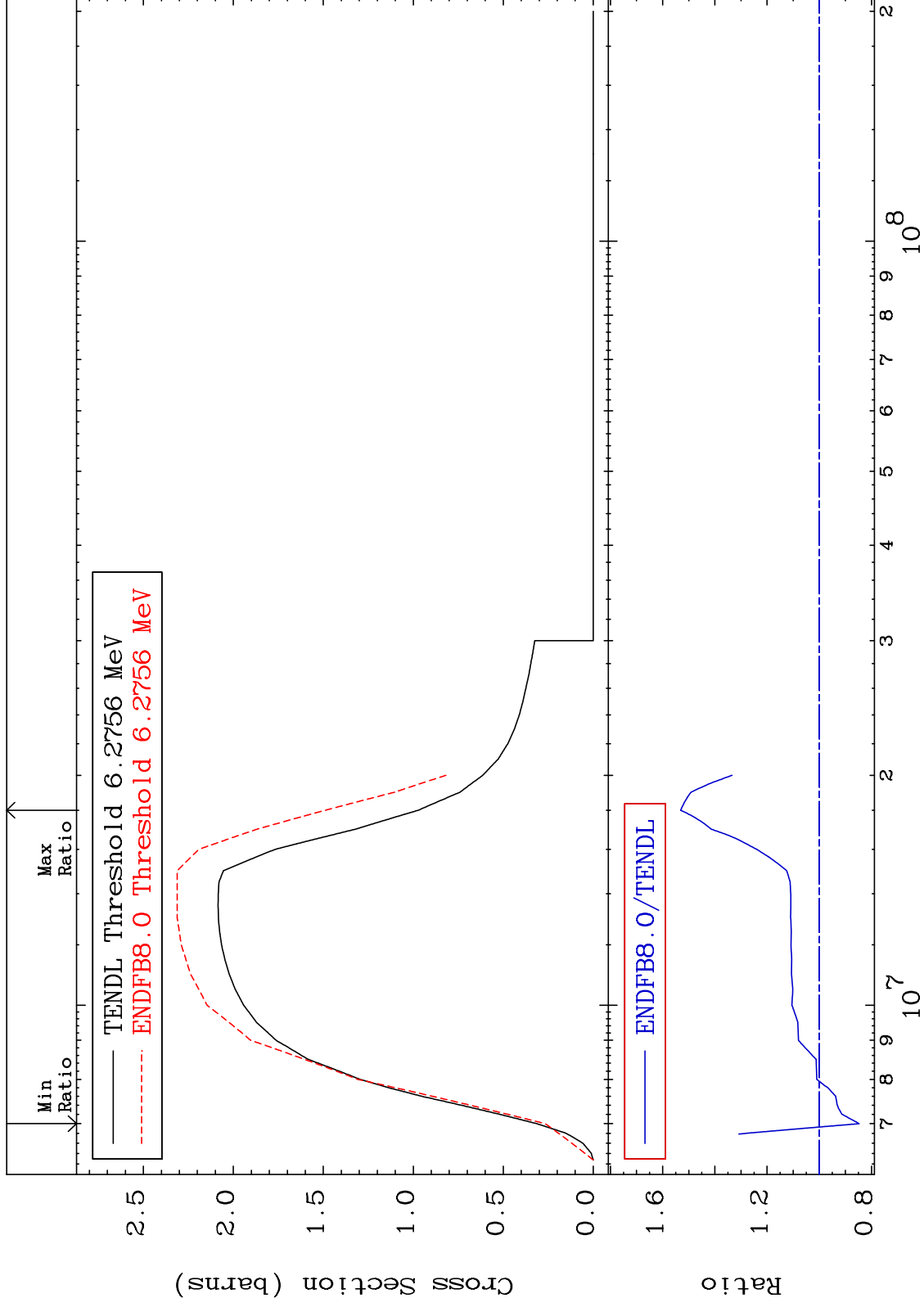
MAT 6729

(n,2n)

67-Ho-166

Cross Section

-15.28 To 53.12 %



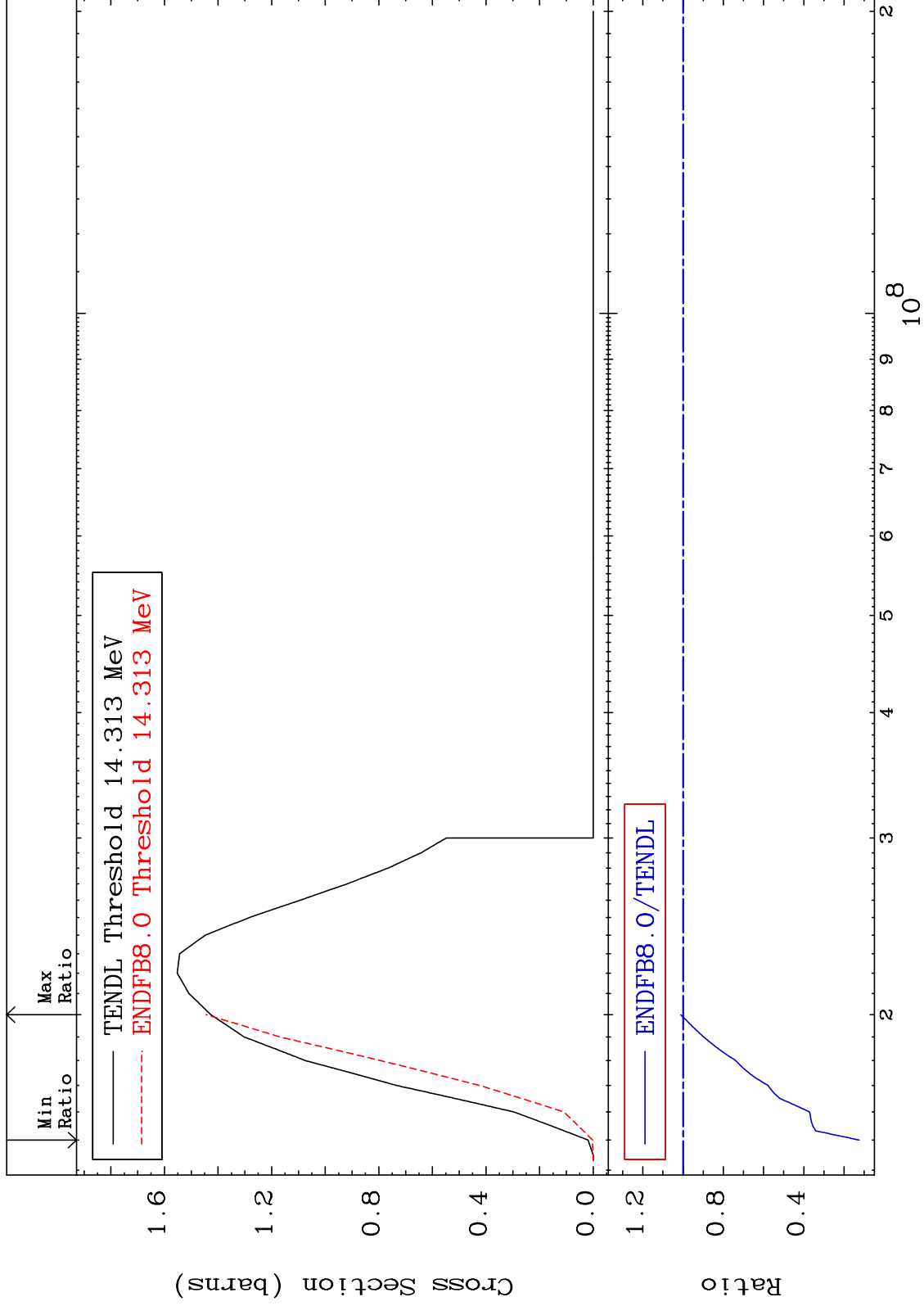
MAT 6729

(n, 3n)

67-Ho-166

Cross Section

-87.50 To 1.215 %



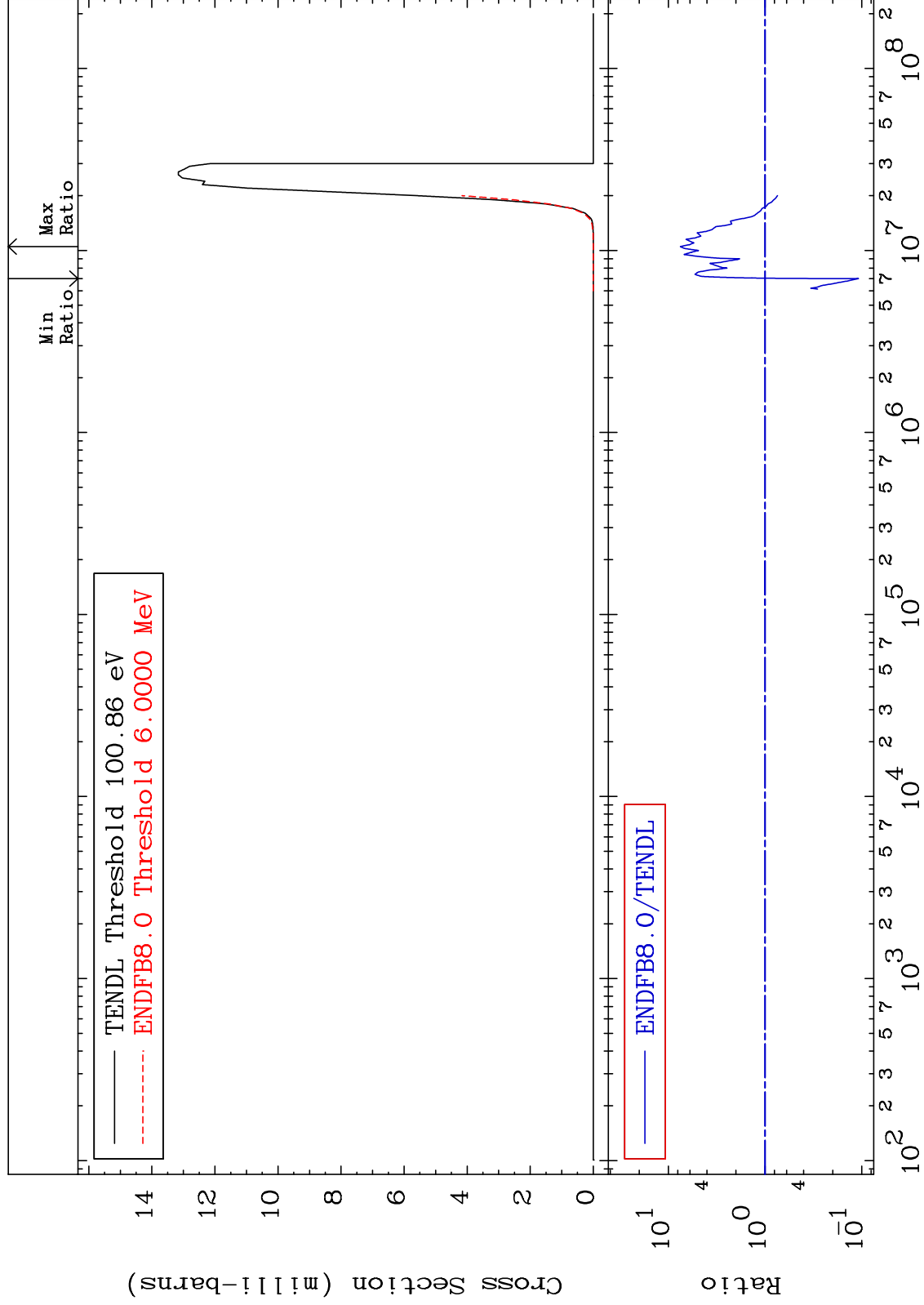
MAT 6729

(n, n') α

Cross Section

67-Ho-166

-89.18 To 650.8 %



Incident Energy (eV)

67-Ho-166

6

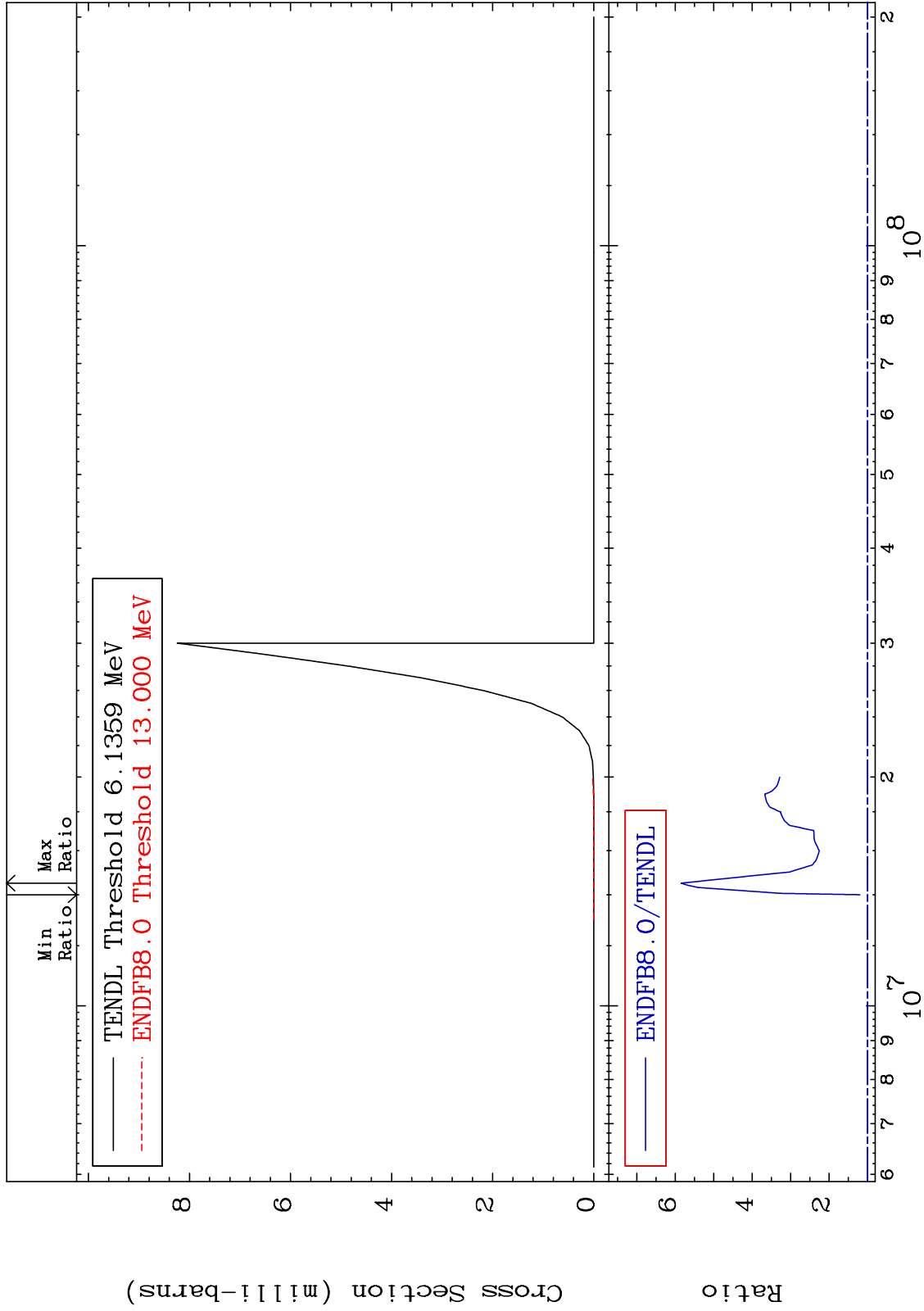
MAT 6729

(n,2n) α

67-Ho-166

Cross Section

19.76 To 484.6 %



7

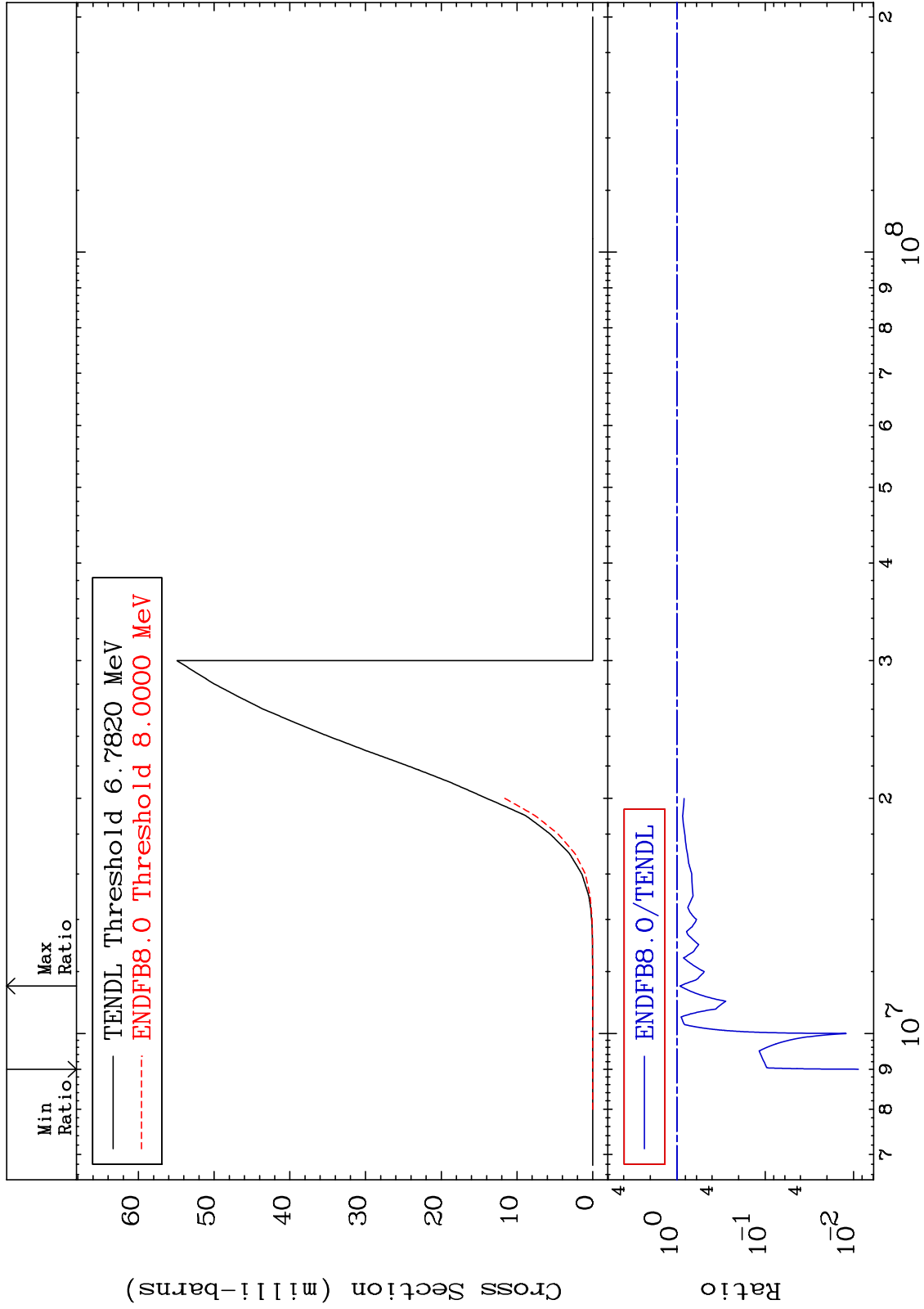
67-Ho-166

67-Ho-166

MAT 6729

(n,n') p
Cross Section

67-Ho-166
-99.12 To -7.746%



8

Incident Energy (eV)

67-Ho-166

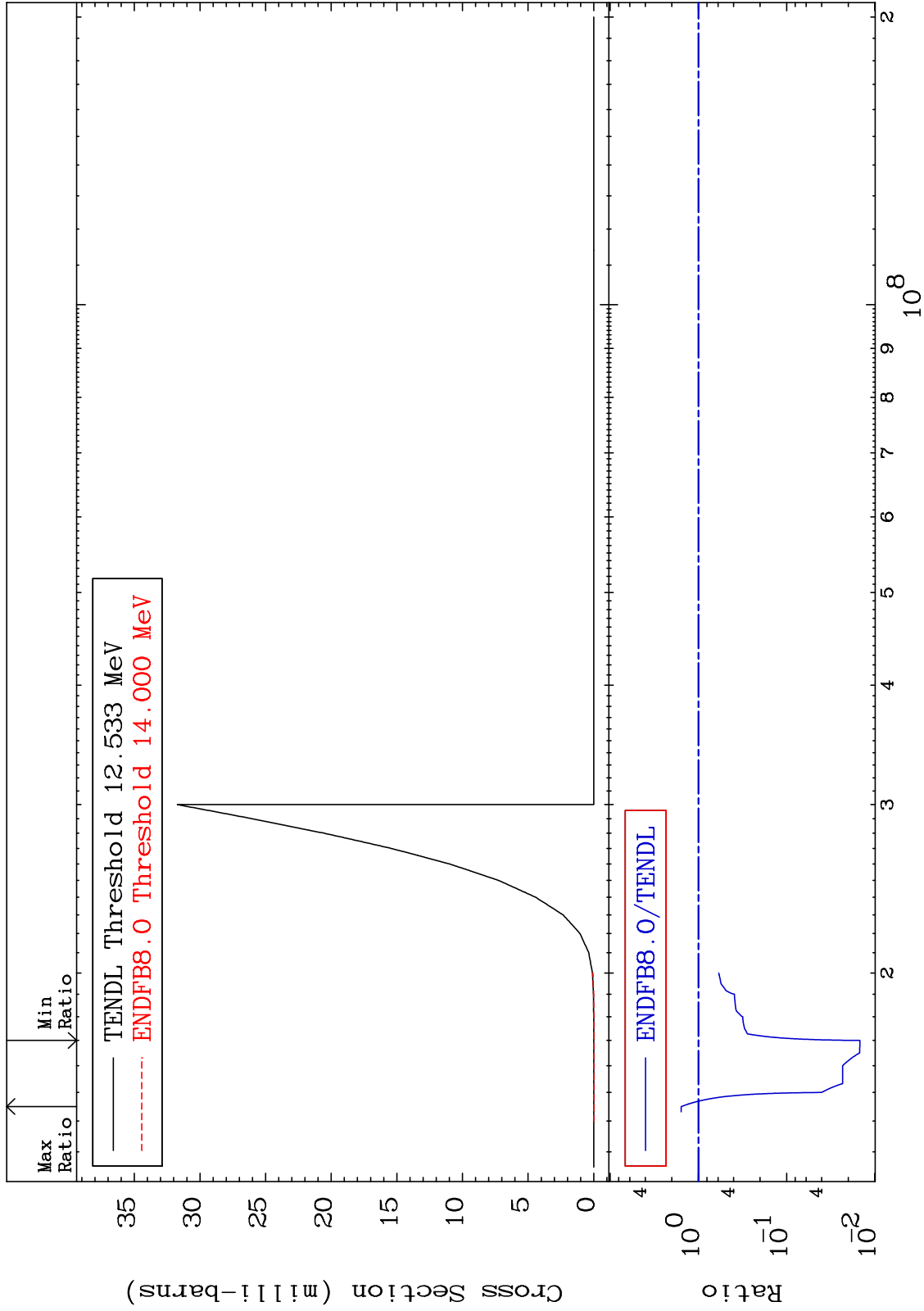
MAT 6729

(n,2n) p

67-Ho-166

Cross Section

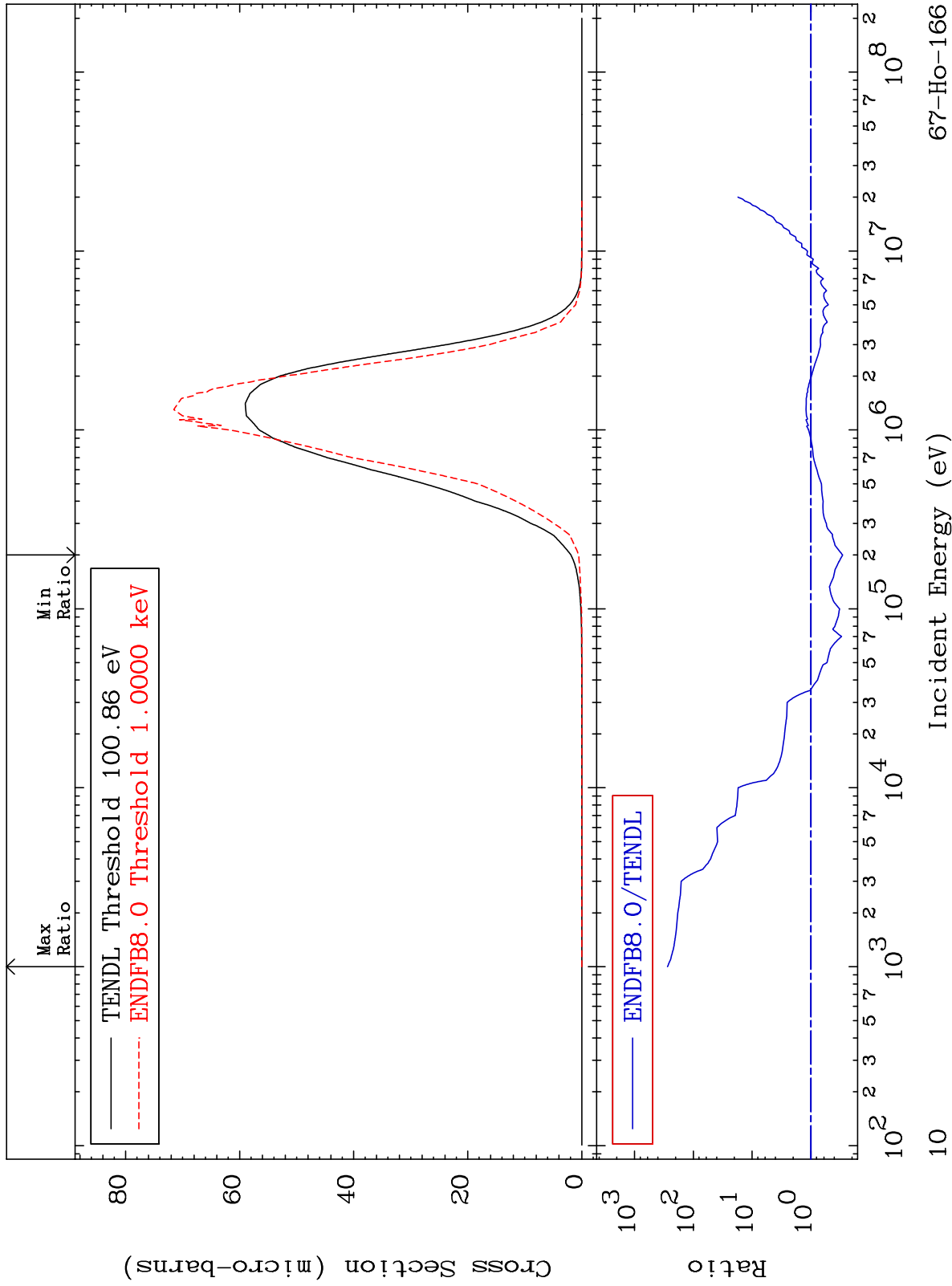
-98.53 To 56.64 %



MAT 6729

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

67-Ho-166
-71.22 To 9999. %

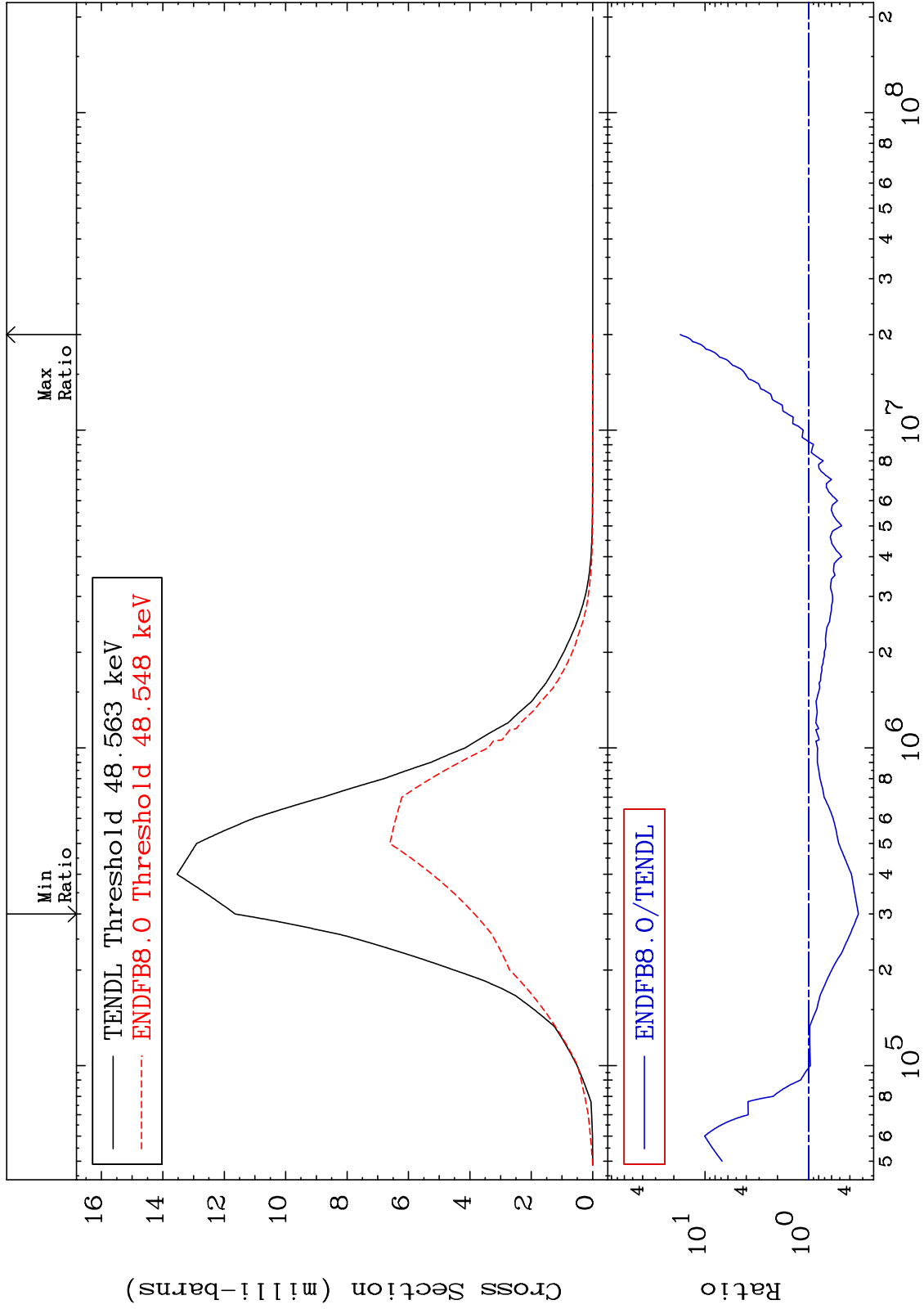


67-Ho-166

MAT 6729

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

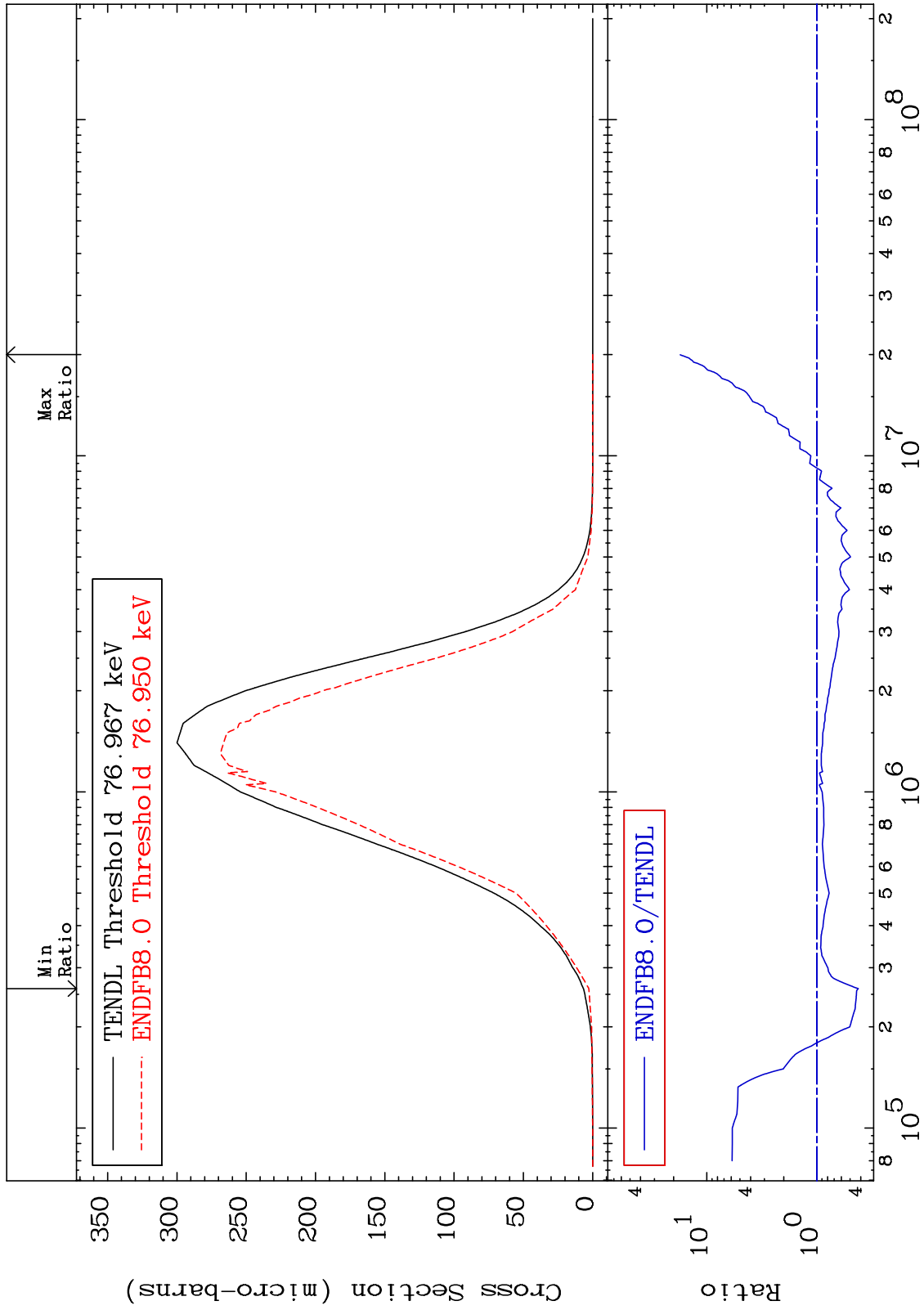
67-Ho-166
-66.94 To 1642. %



MAT 6729

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

67-Ho-166
-57.93 To 1653. %



12

Incident Energy (eV)

67-Ho-166

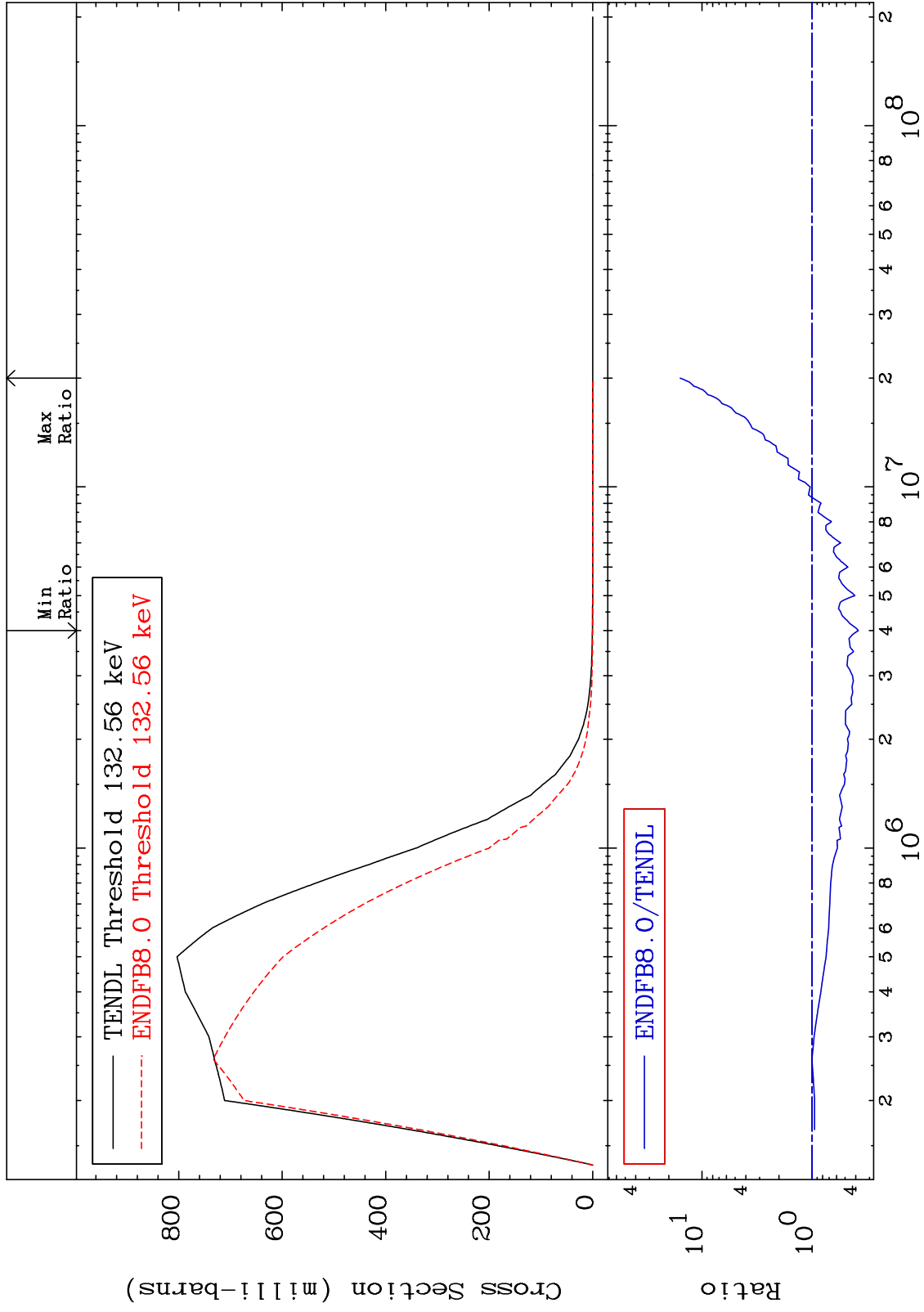
MAT 6729

MT= 54 (n,n') Level

67-Ho-166

-62.11 To 1484. %

Cross Section



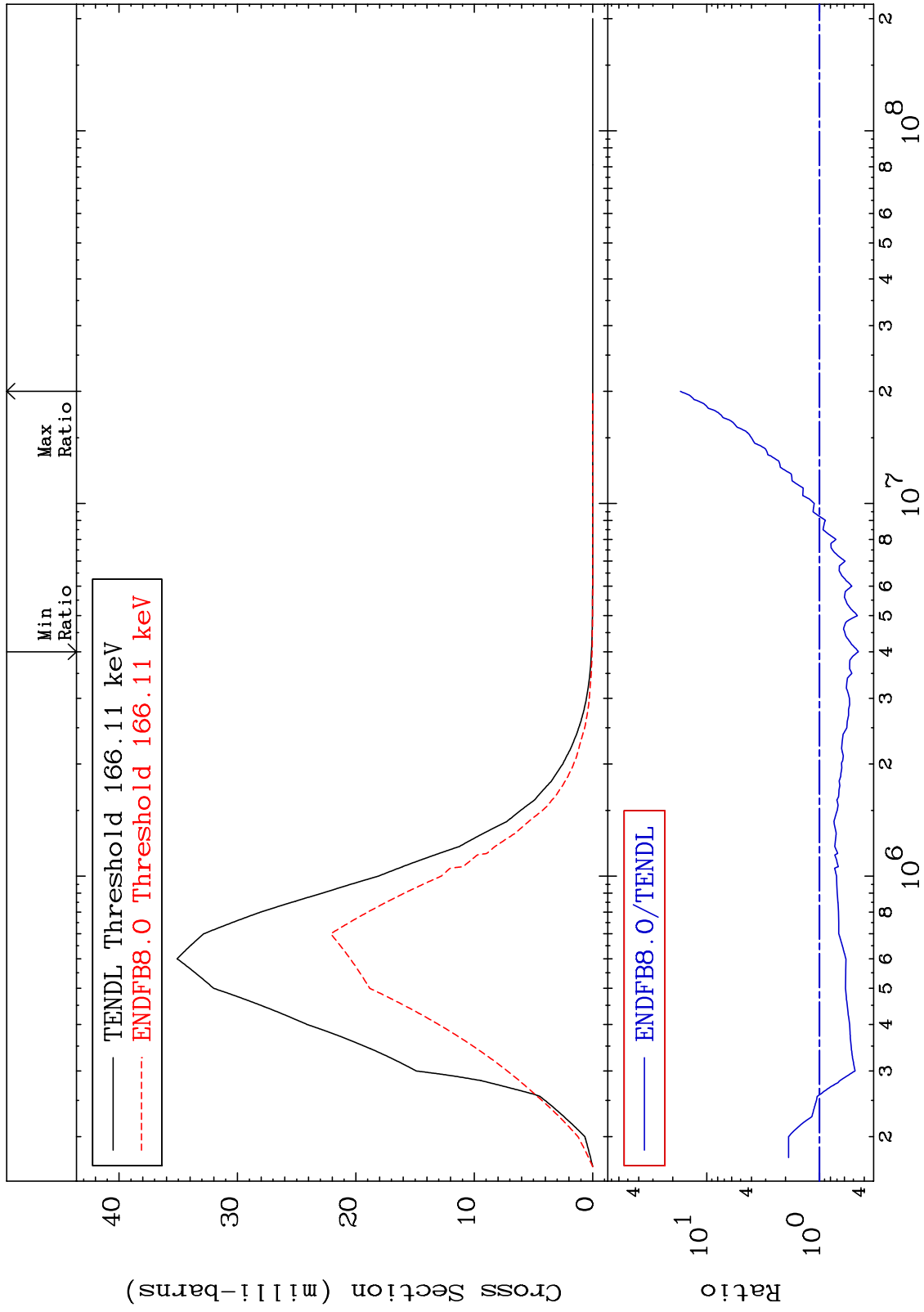
Incident Energy (eV)

67-Ho-166

MAT 6729

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

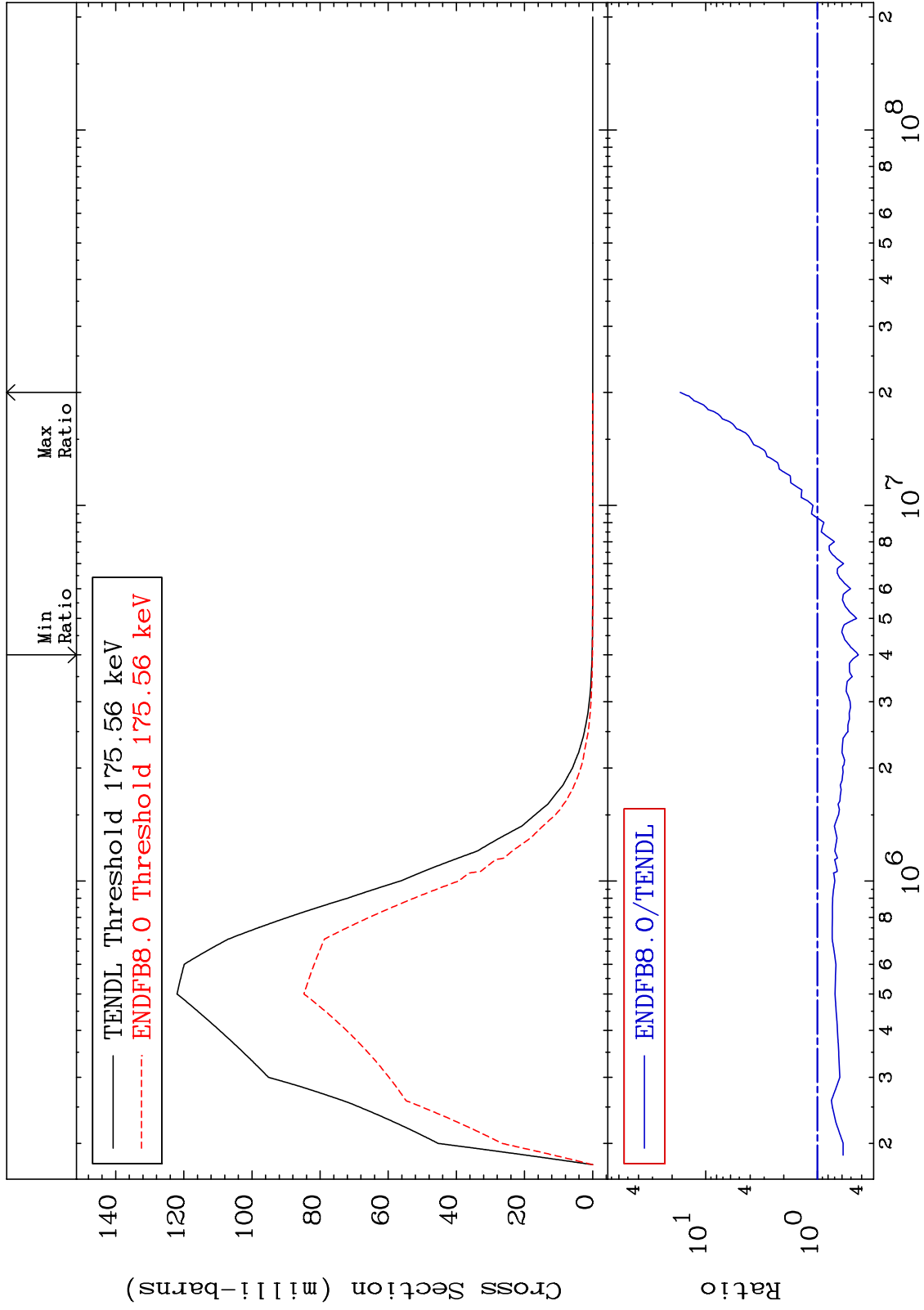
67-Ho-166
-54.84 To 1624. %



MAT 6729

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

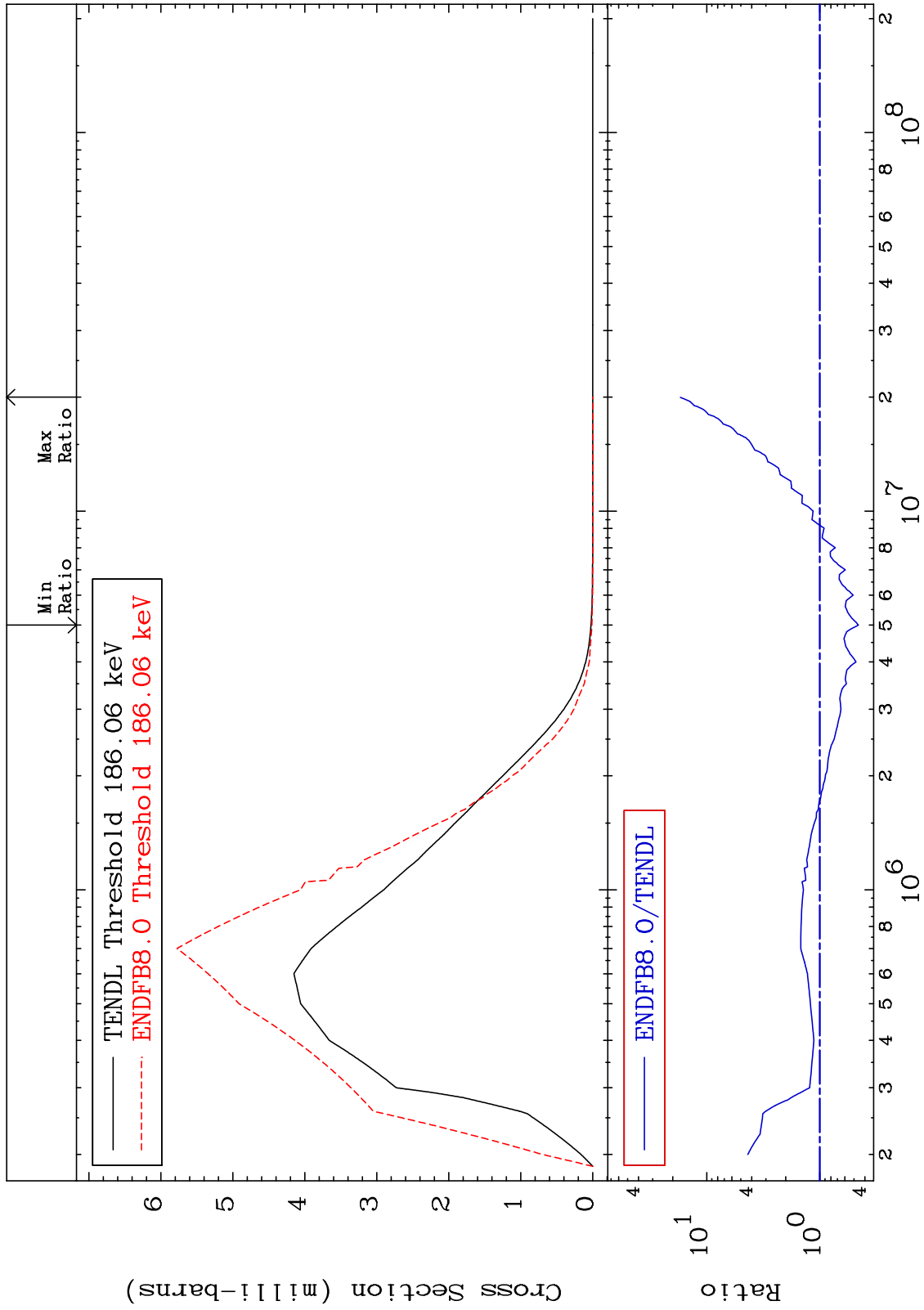
67-Ho-166
-57.17 To 1600. %



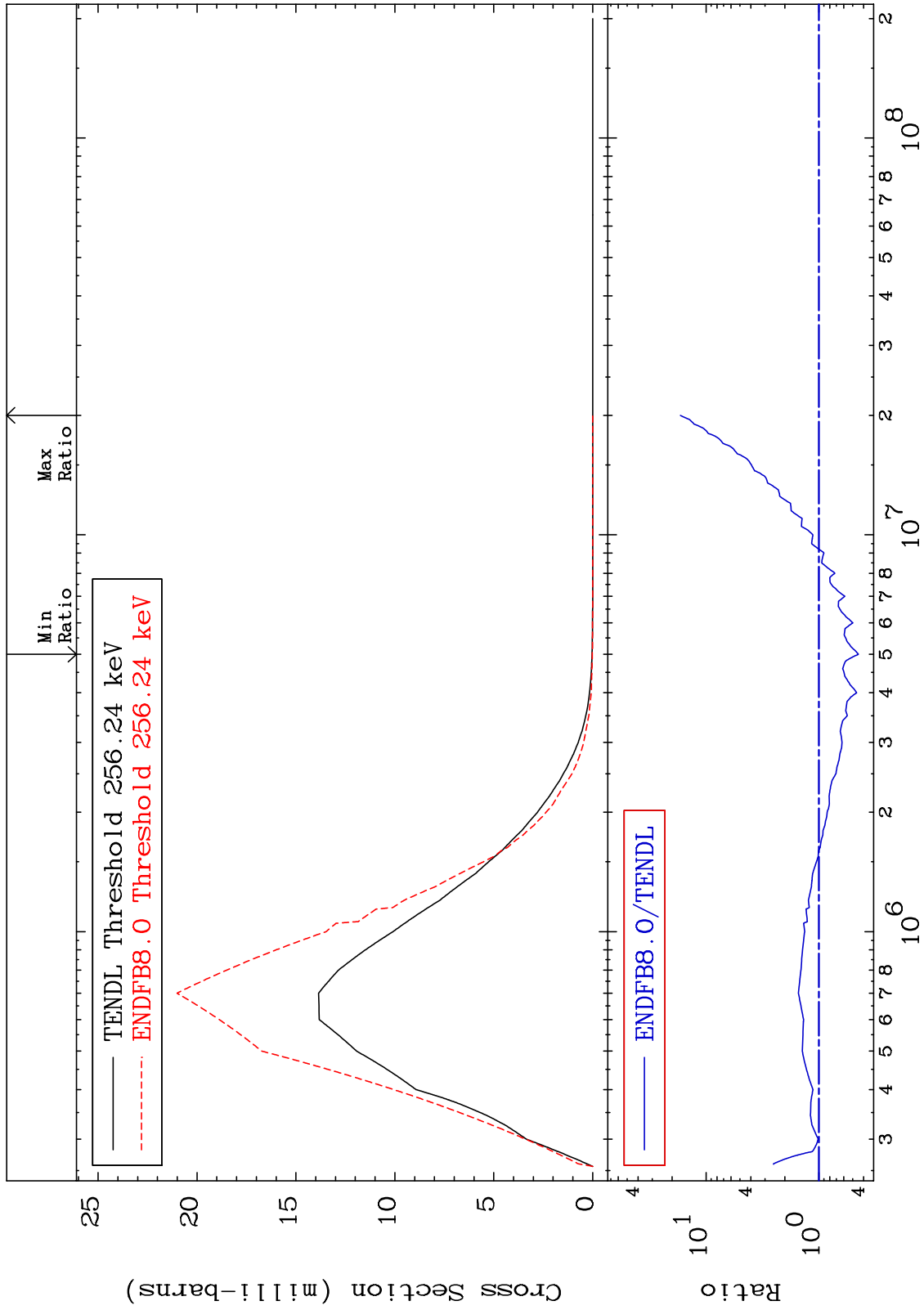
MAT 6729

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

67-Ho-166
-54.39 To 1622. %



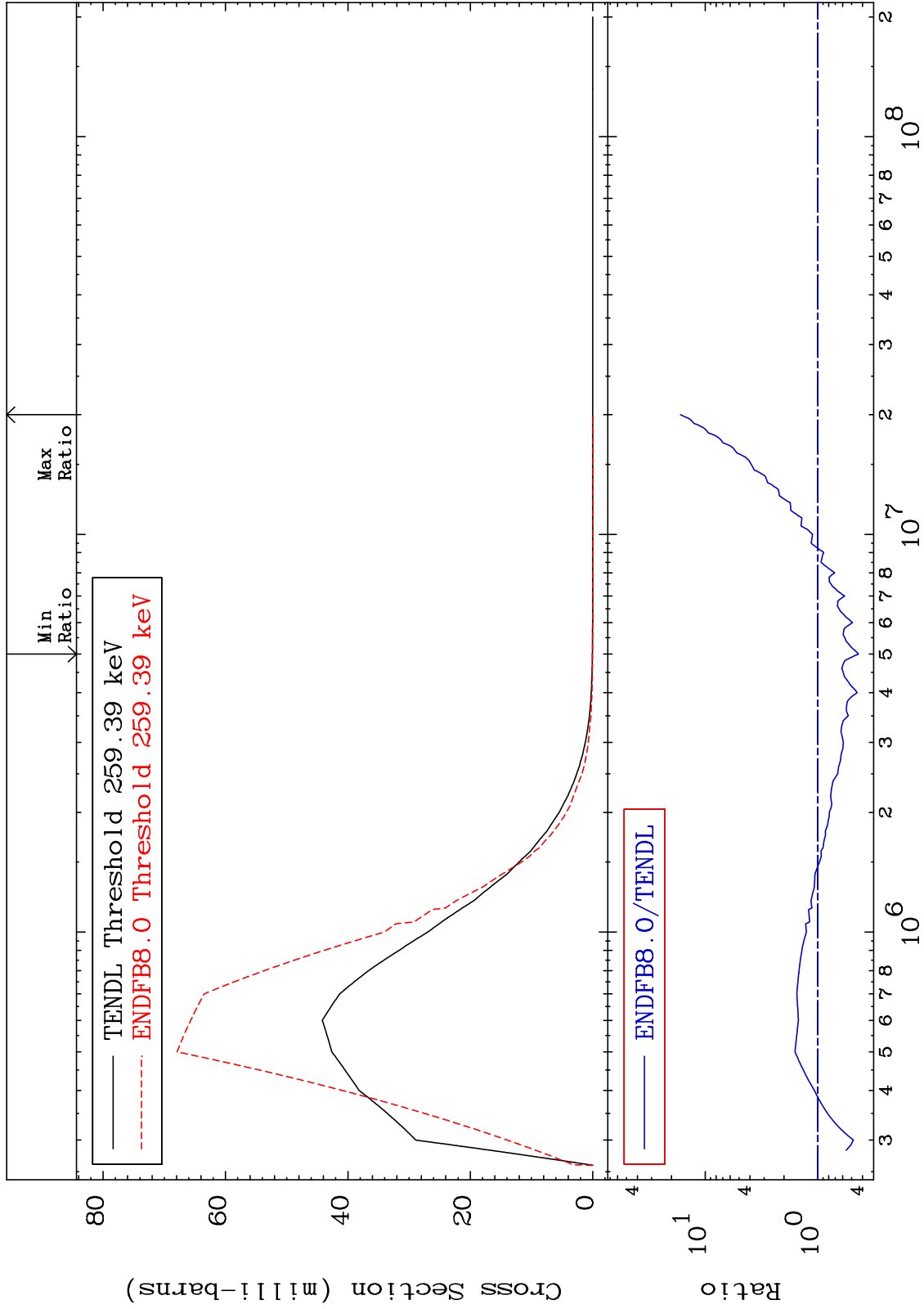
MAT 6729 MT= 58 (n,n') Level Cross Section 67-Ho-166
 -55.48 To 1600. %



MAT 6729

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

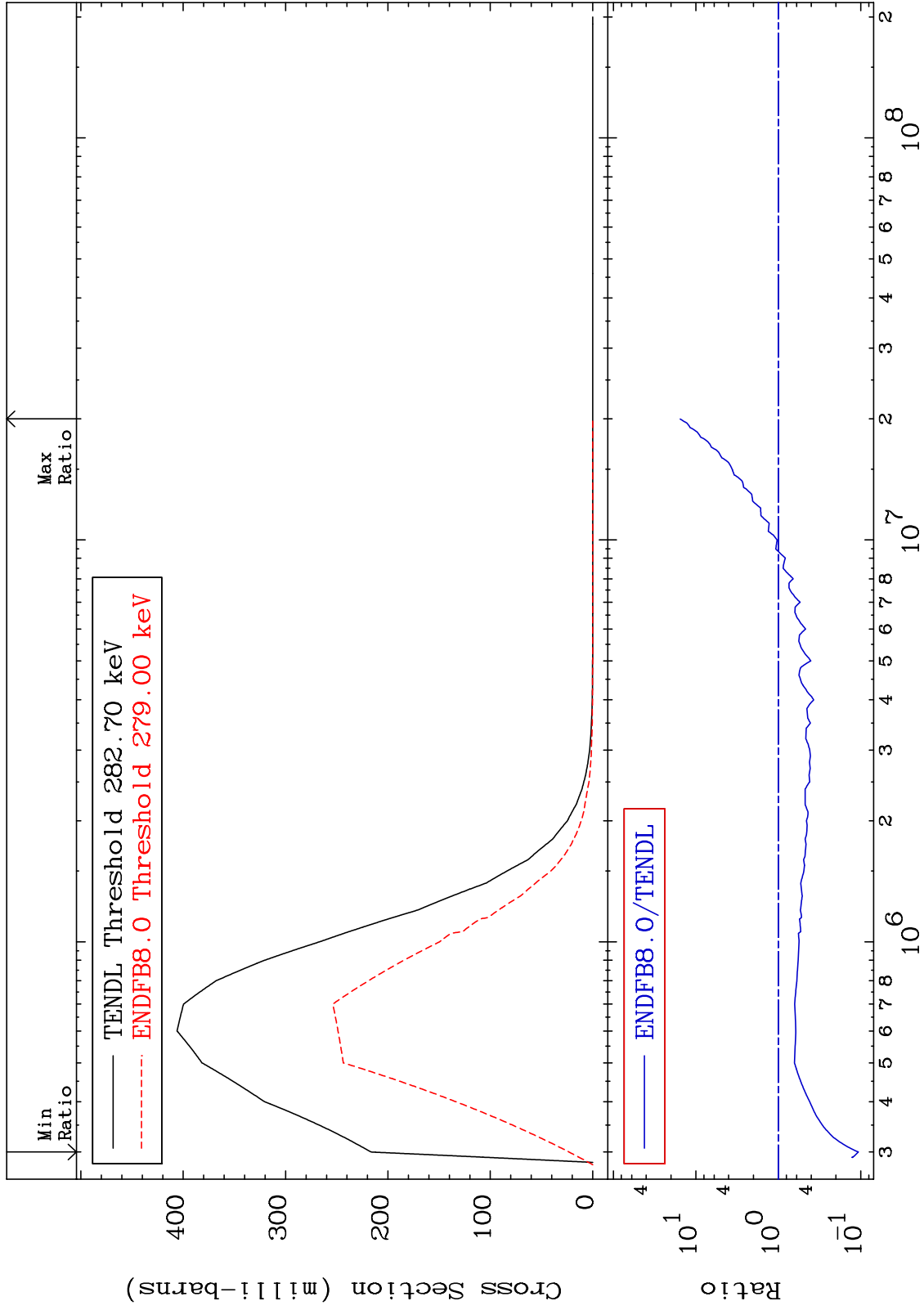
67-Ho-166
-56.45 To 1575. %



MAT 6729

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

67-Ho-166
-89.31 To 1455. %



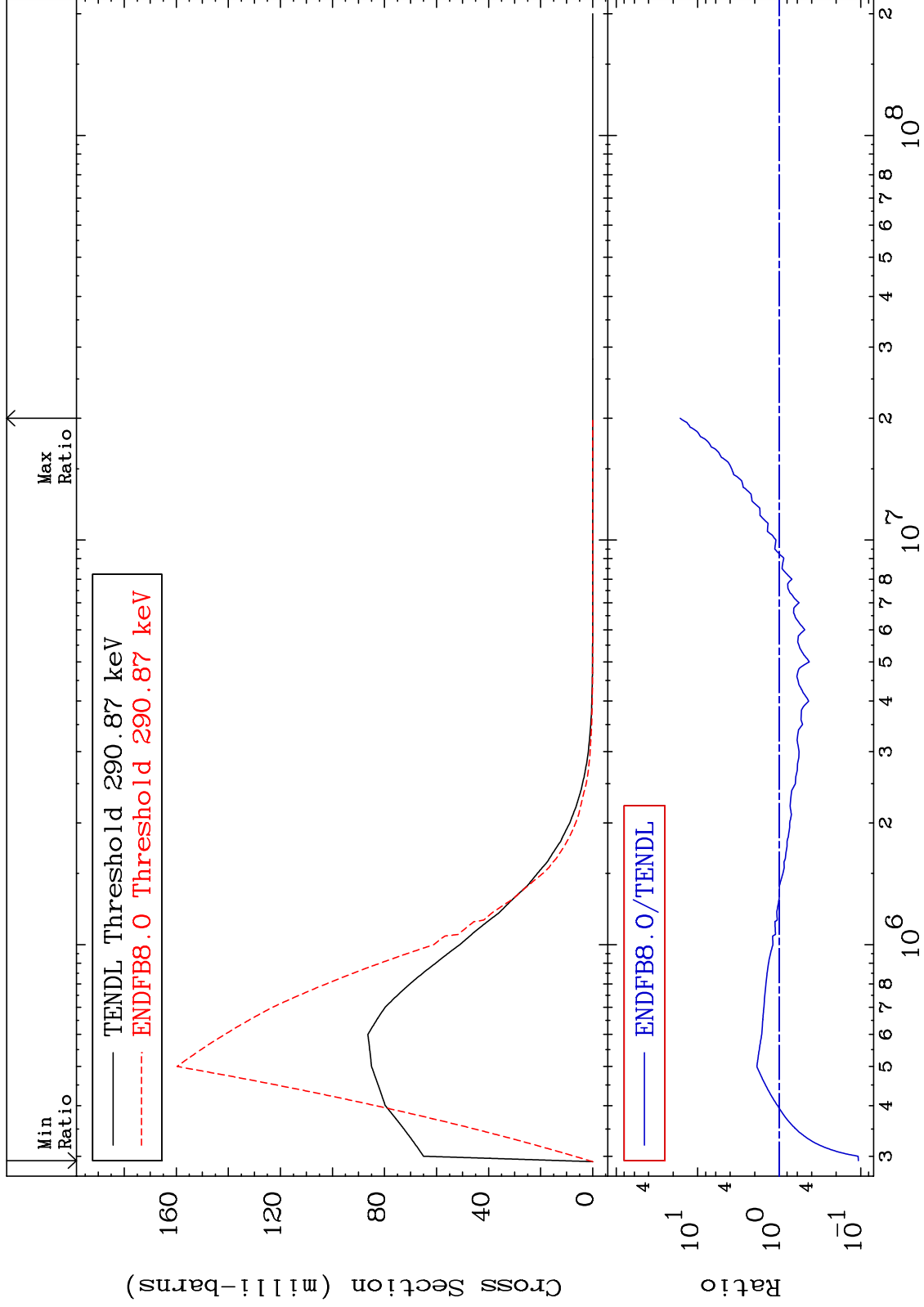
19

67-Ho-166

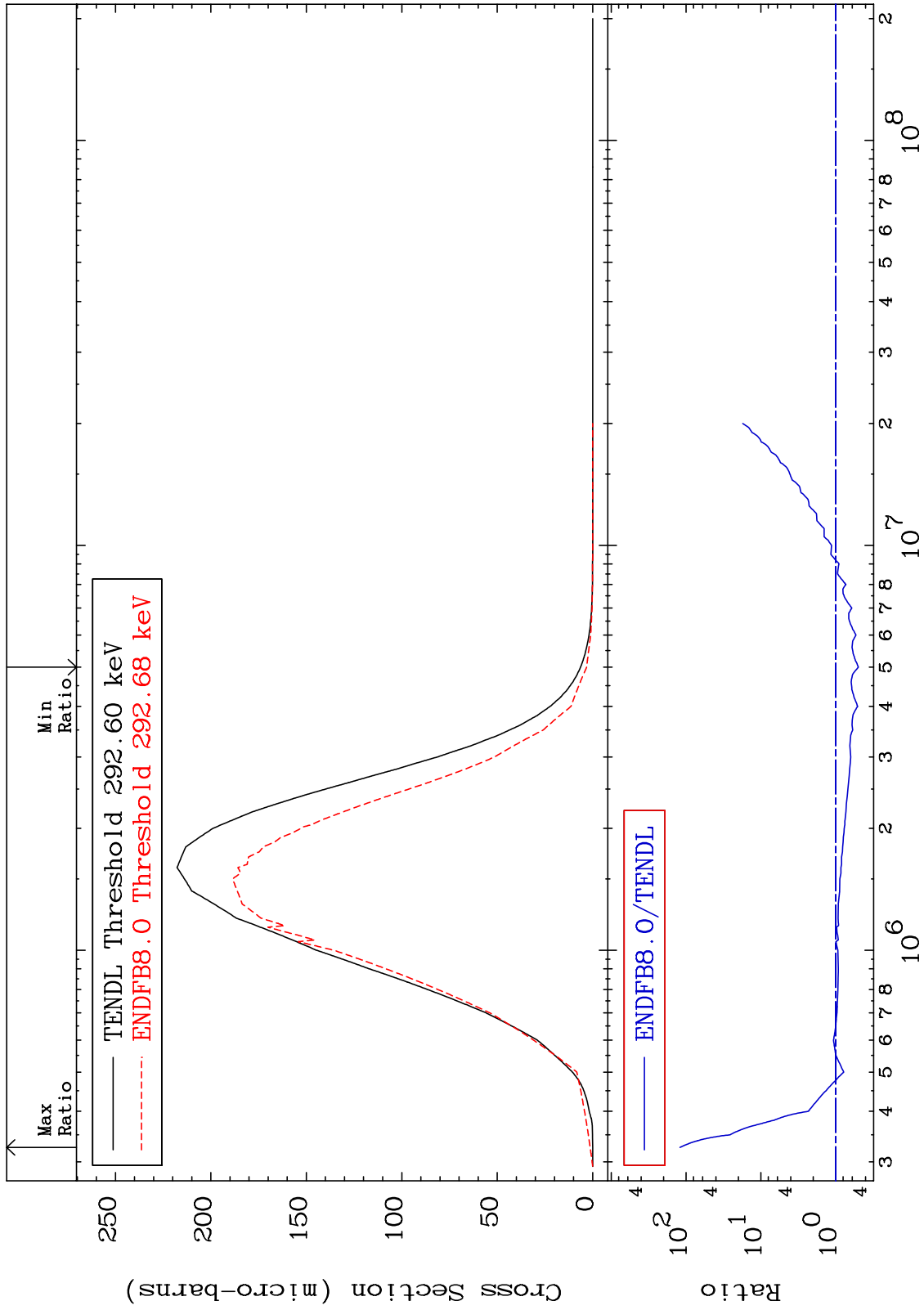
MAT 6729

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

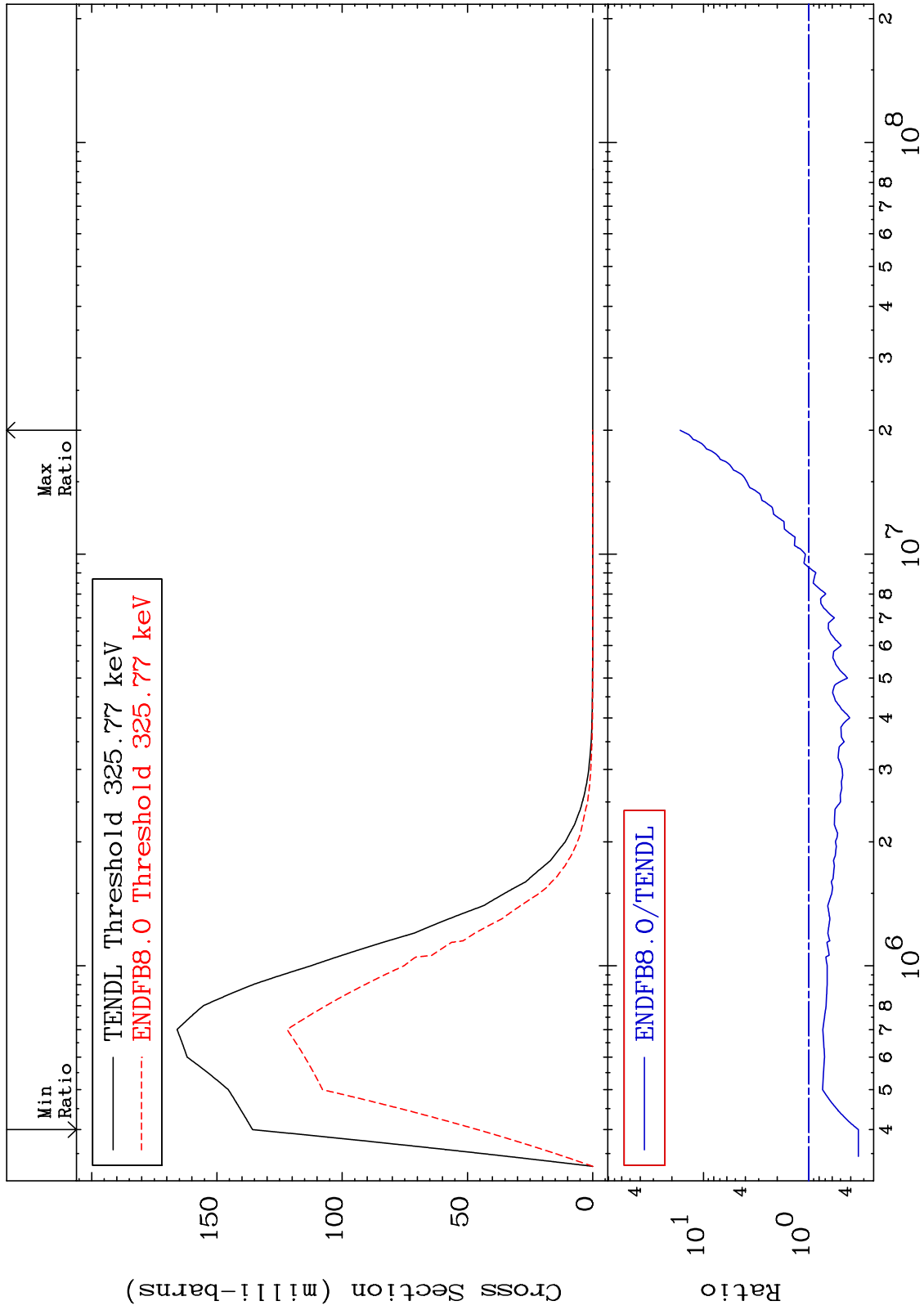
67-Ho-166
-89.33 To 1547. %



MAT 6729 MT= 62 (n,n') Level 67-Ho-166
 Cross Section -50.24 To 9999. %



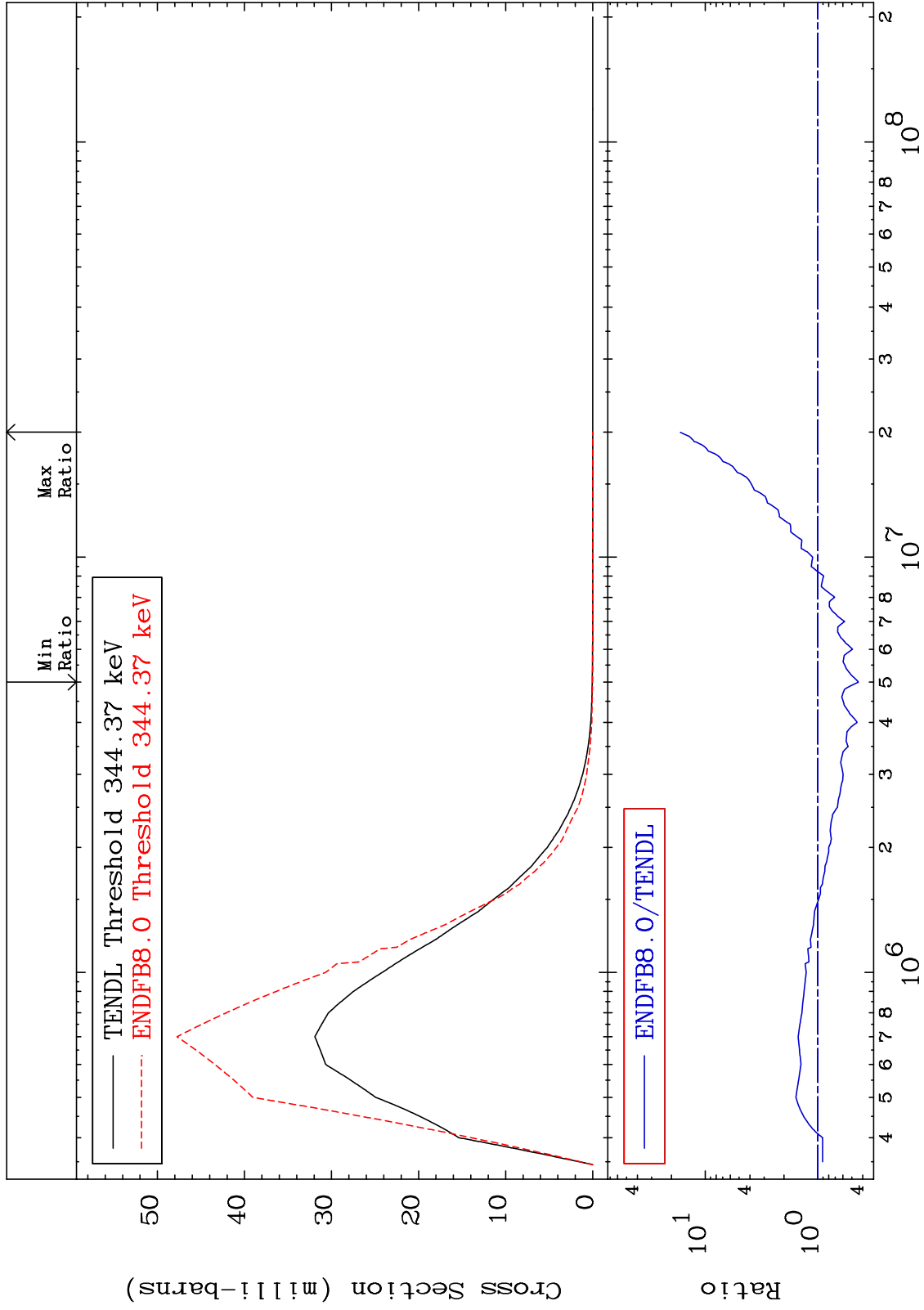
MAT 6729 MT= 63 (n,n') Level 67-Ho-166
 Cross Section -66.17 To 1574. %



MAT 6729

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

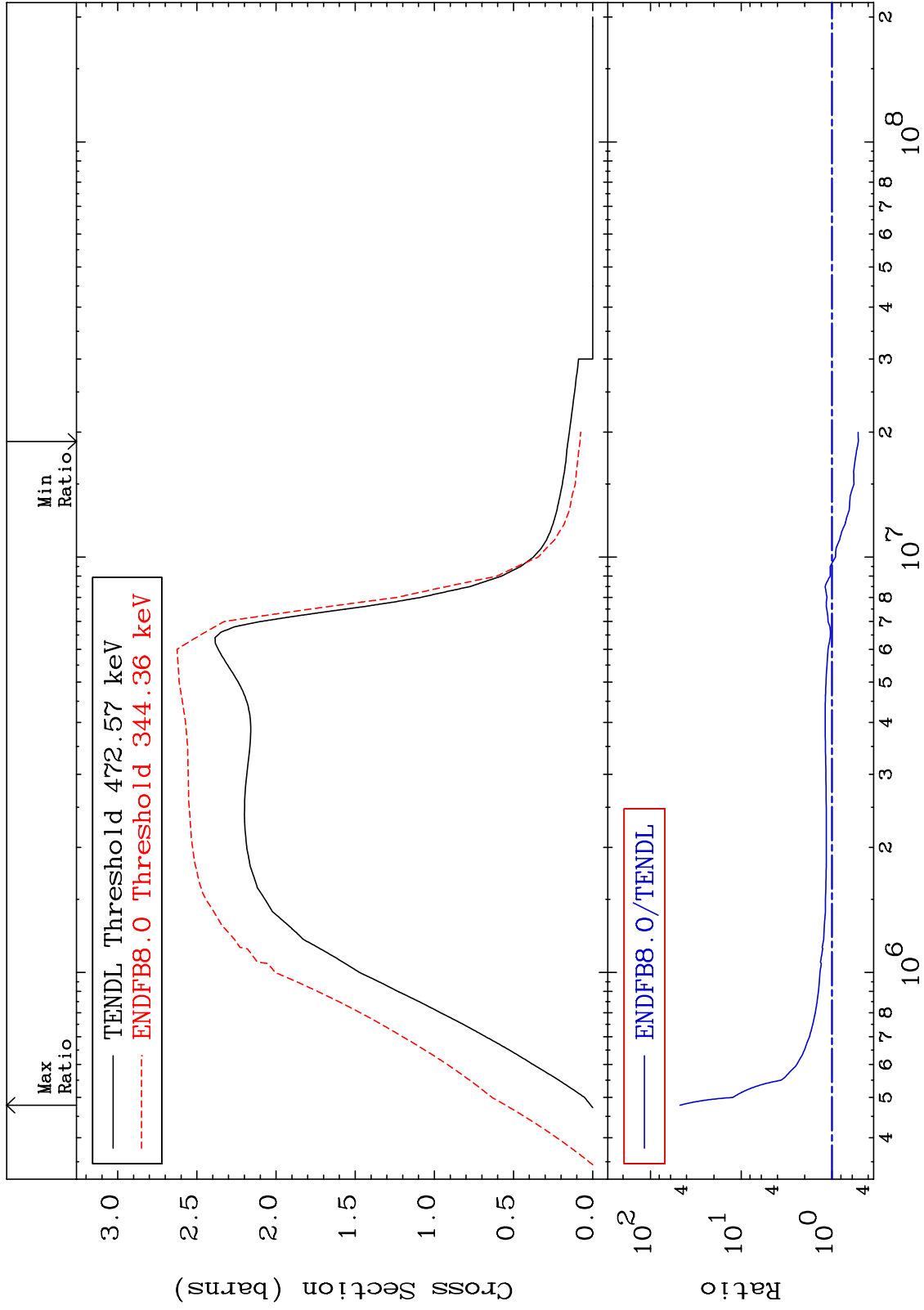
67-Ho-166
-56.36 To 1575. %



MAT 6729

(n,n') Continuum
Cross Section

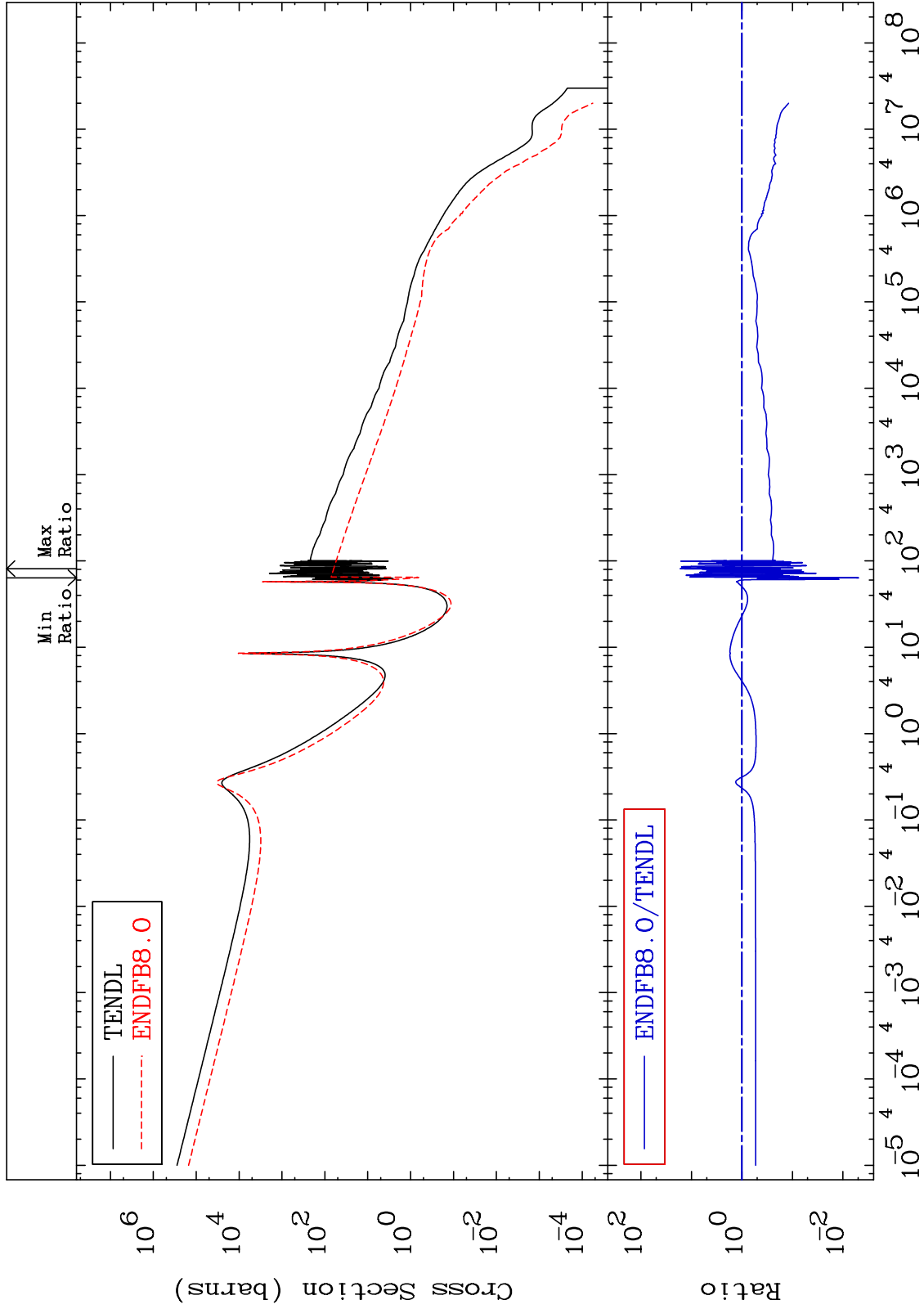
67-Ho-166
-48.74 To 4624. %



MAT 6729

(n, γ)
Cross Section

67-Ho-166
-99.51 To 1587. %



25

Incident Energy (eV)

67-Ho-166

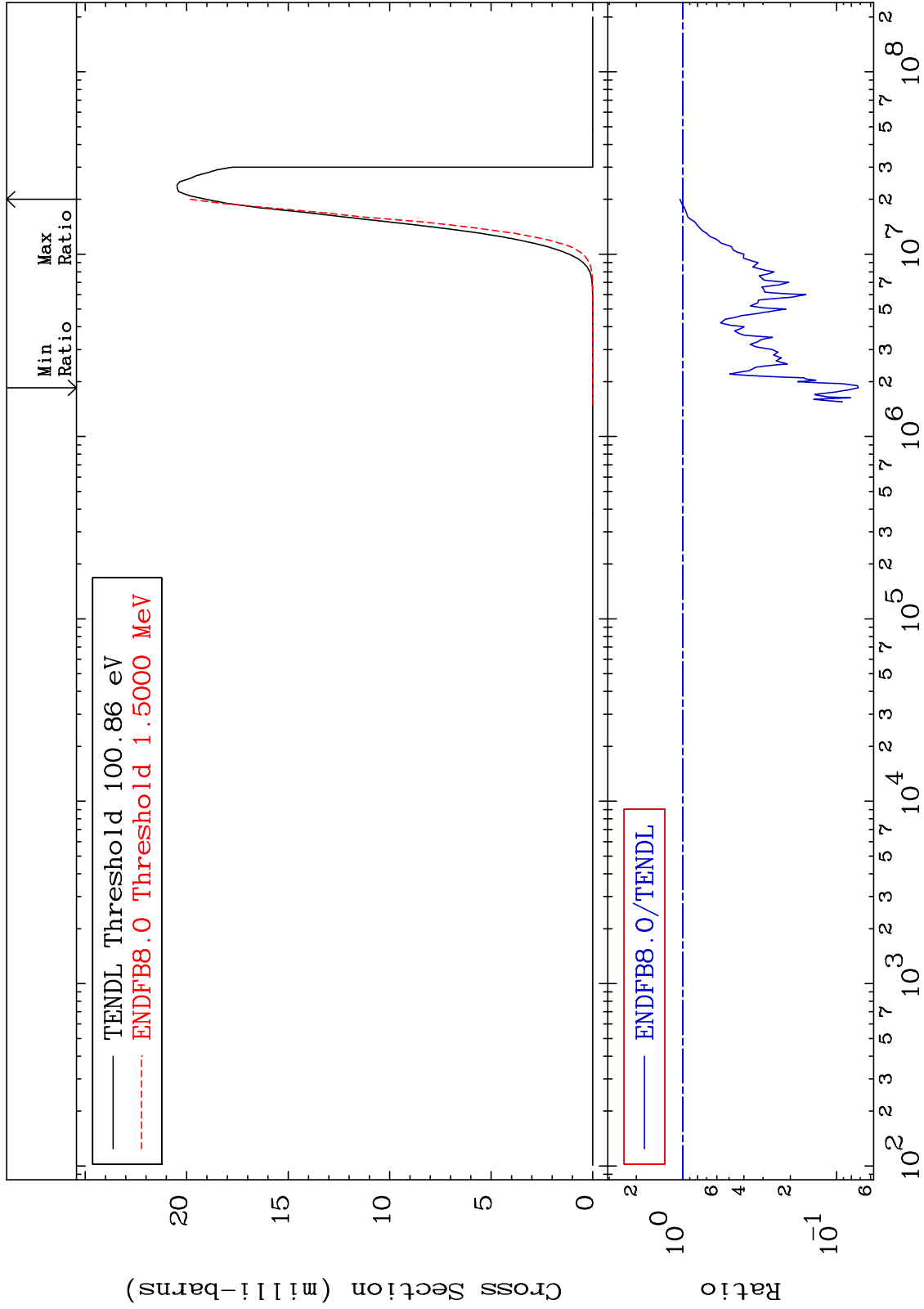
MAT 6729

(n,p)

67-Ho-166

Cross Section

-92.79 To 4.135 %



26

Incident Energy (eV)

67-Ho-166

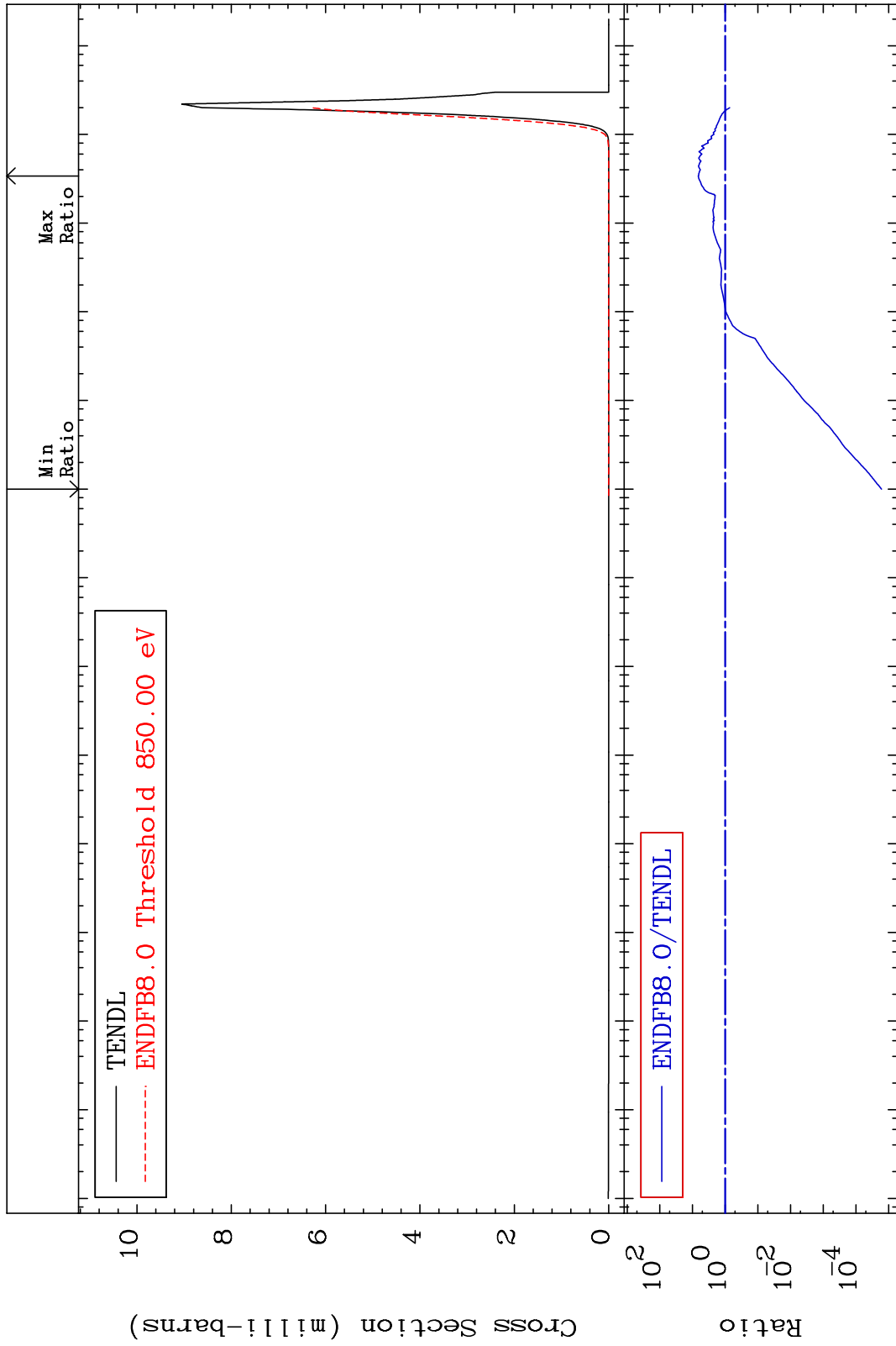
MAT 6729

(n, α)

67-Ho-166

Cross Section

-100.0 To 564.0 %



27

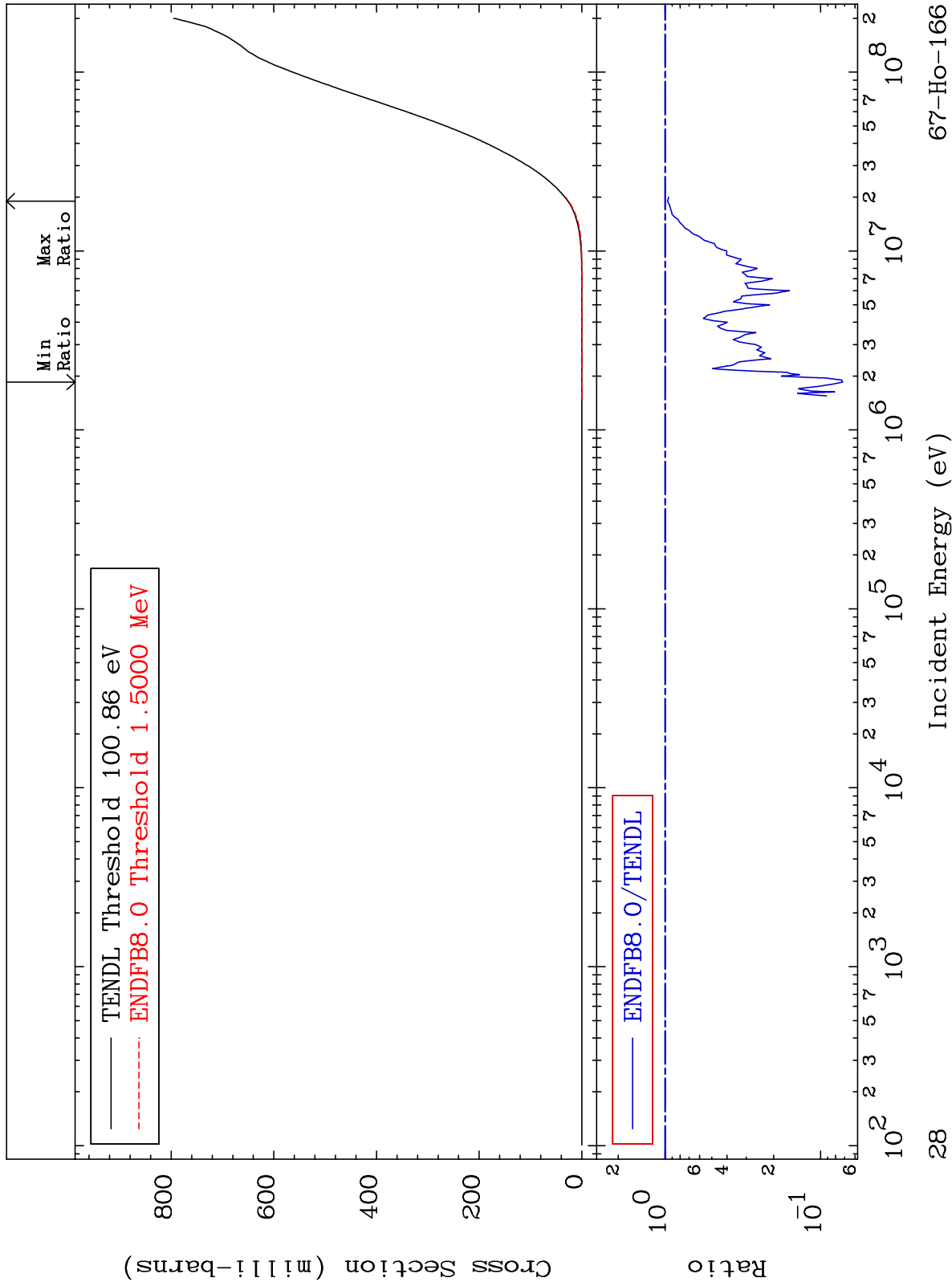
Incident Energy (eV)

67-Ho-166

MAT 6729

Hydrogen Production Cross Section

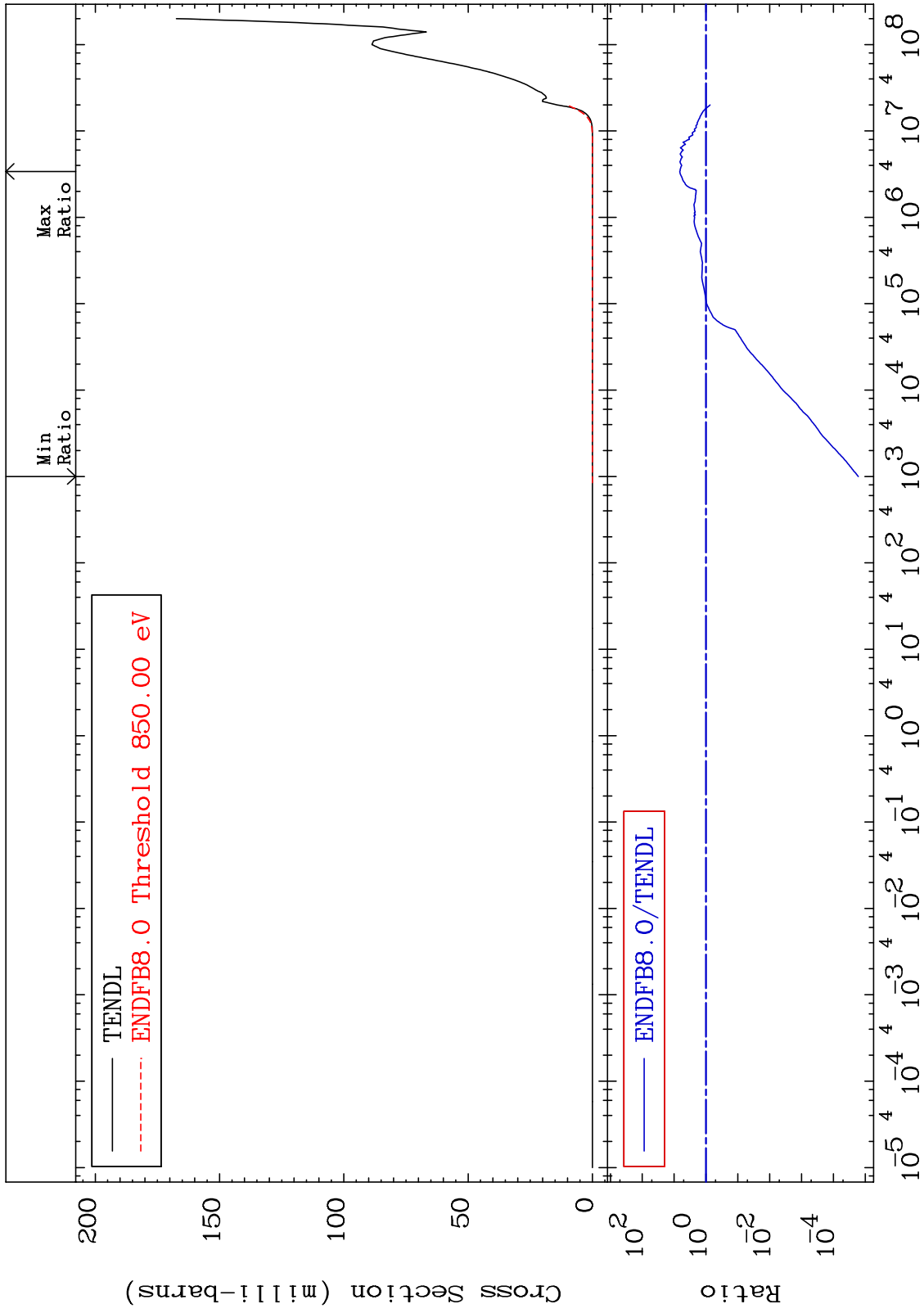
67-Ho-166
-92.79 To -3.606%



MAT 6729

He-4 Production
Cross Section

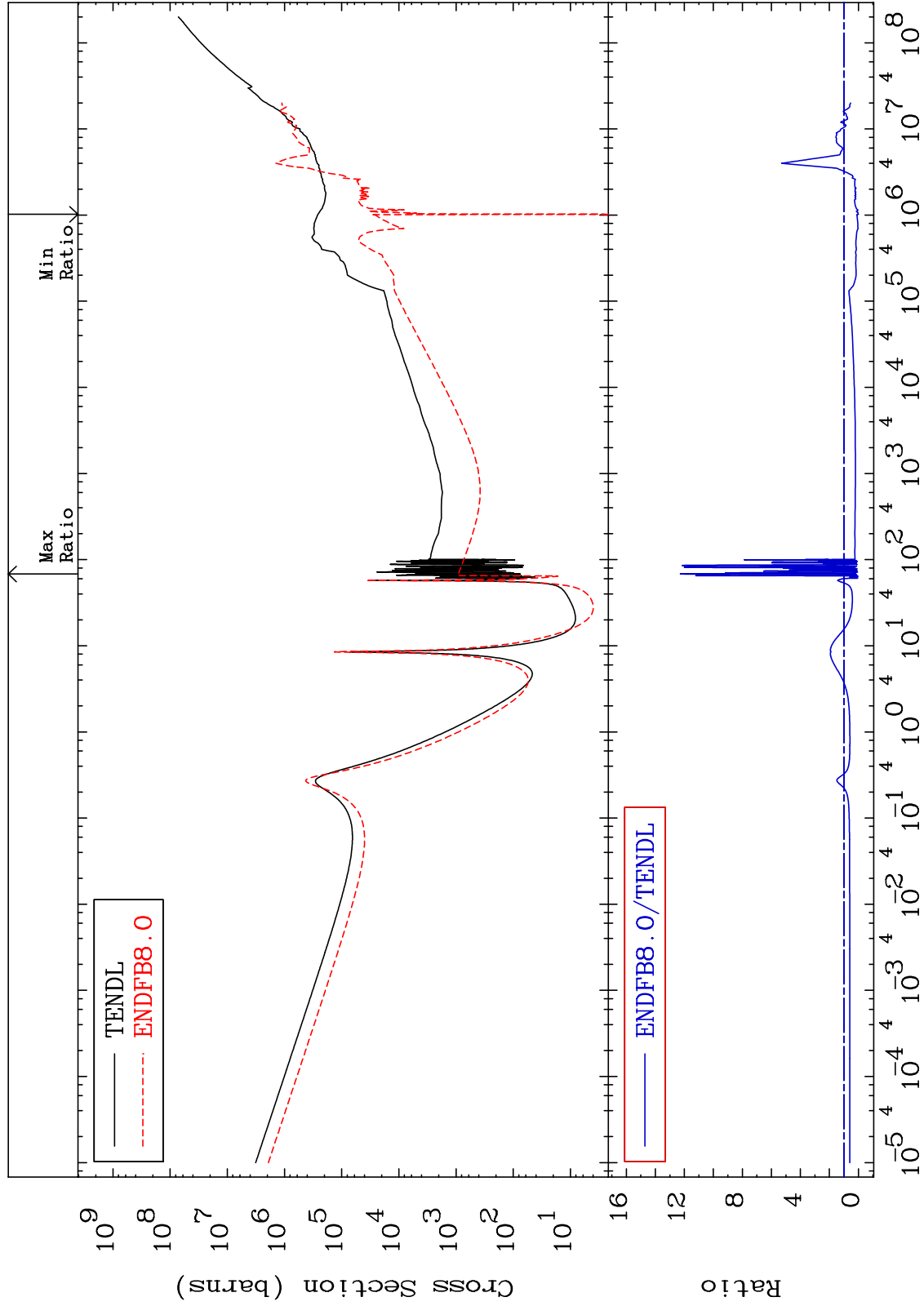
67-Ho-166
-100.0 To 564.0 %



MAT 6729

Kerma total (eV-barns)
Cross Section

67-Ho-166
-100.9 To 1127. %



30

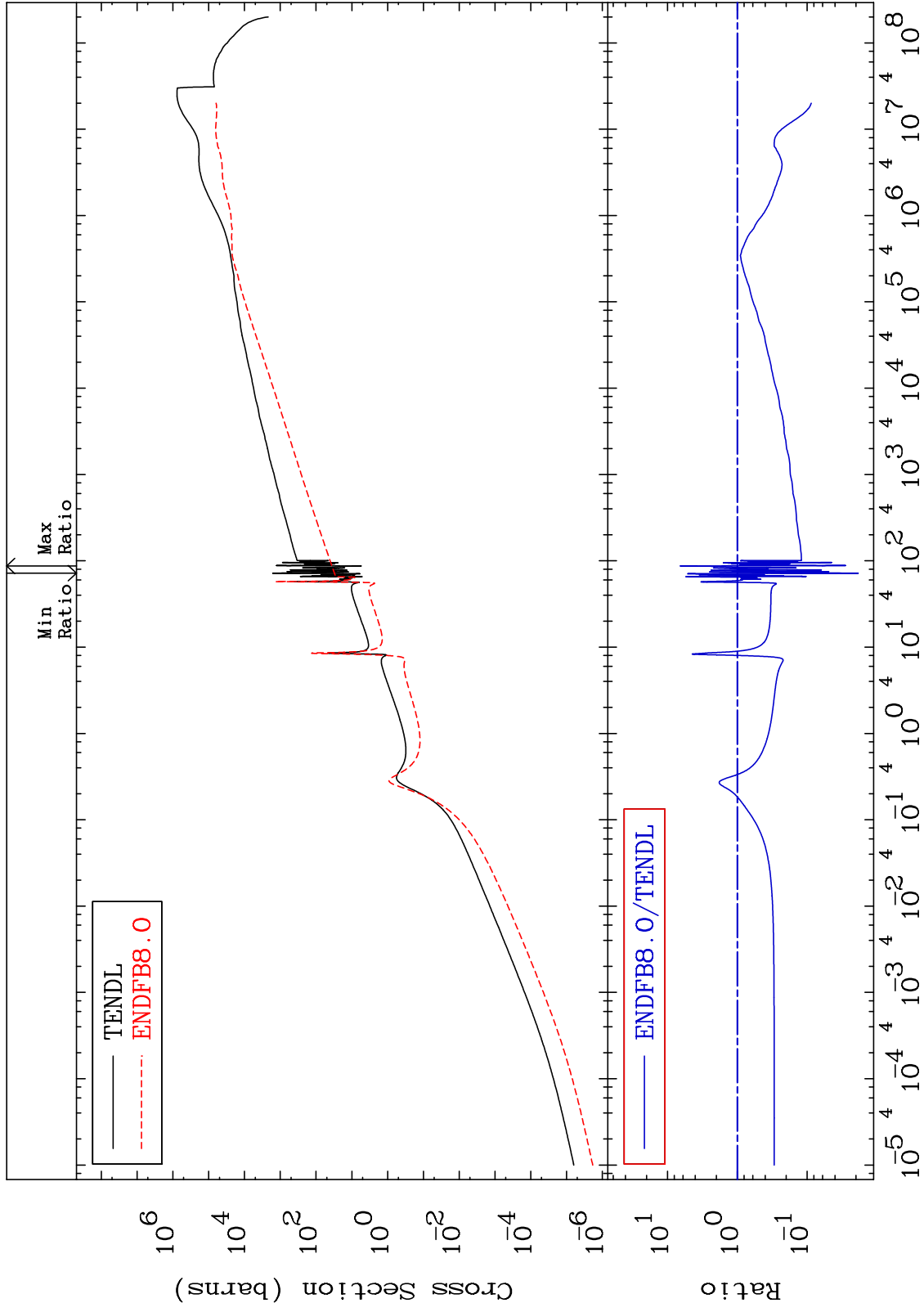
Incident Energy (eV)

67-Ho-166

MAT 6729

Kerma elastic
Cross Section

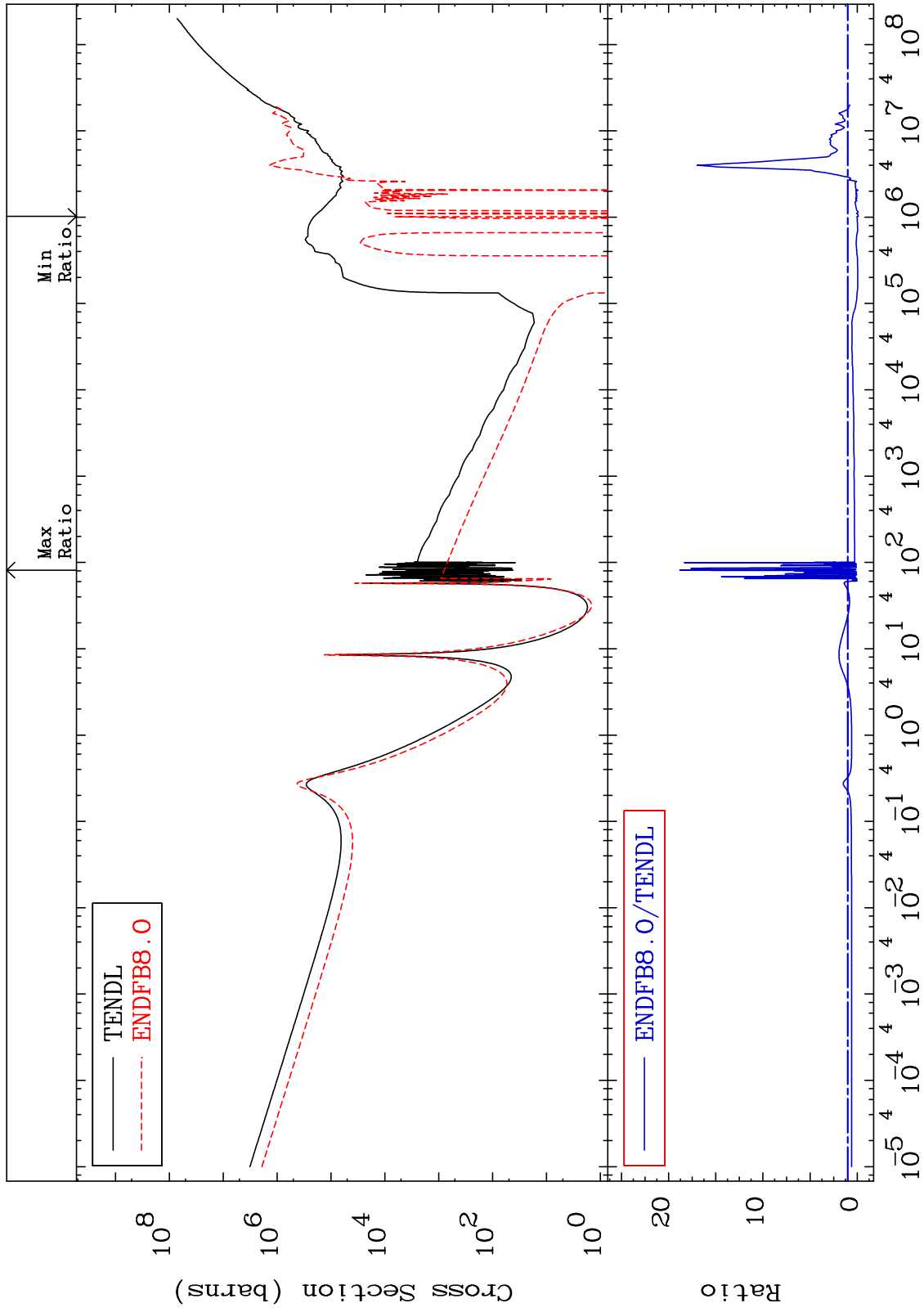
67-Ho-166
-98.15 To 562.3 %



MAT 6729

Kerma non-elastic (all but mt2)
Cross Section

67-Ho-166
-112.9 To 1780. %



32

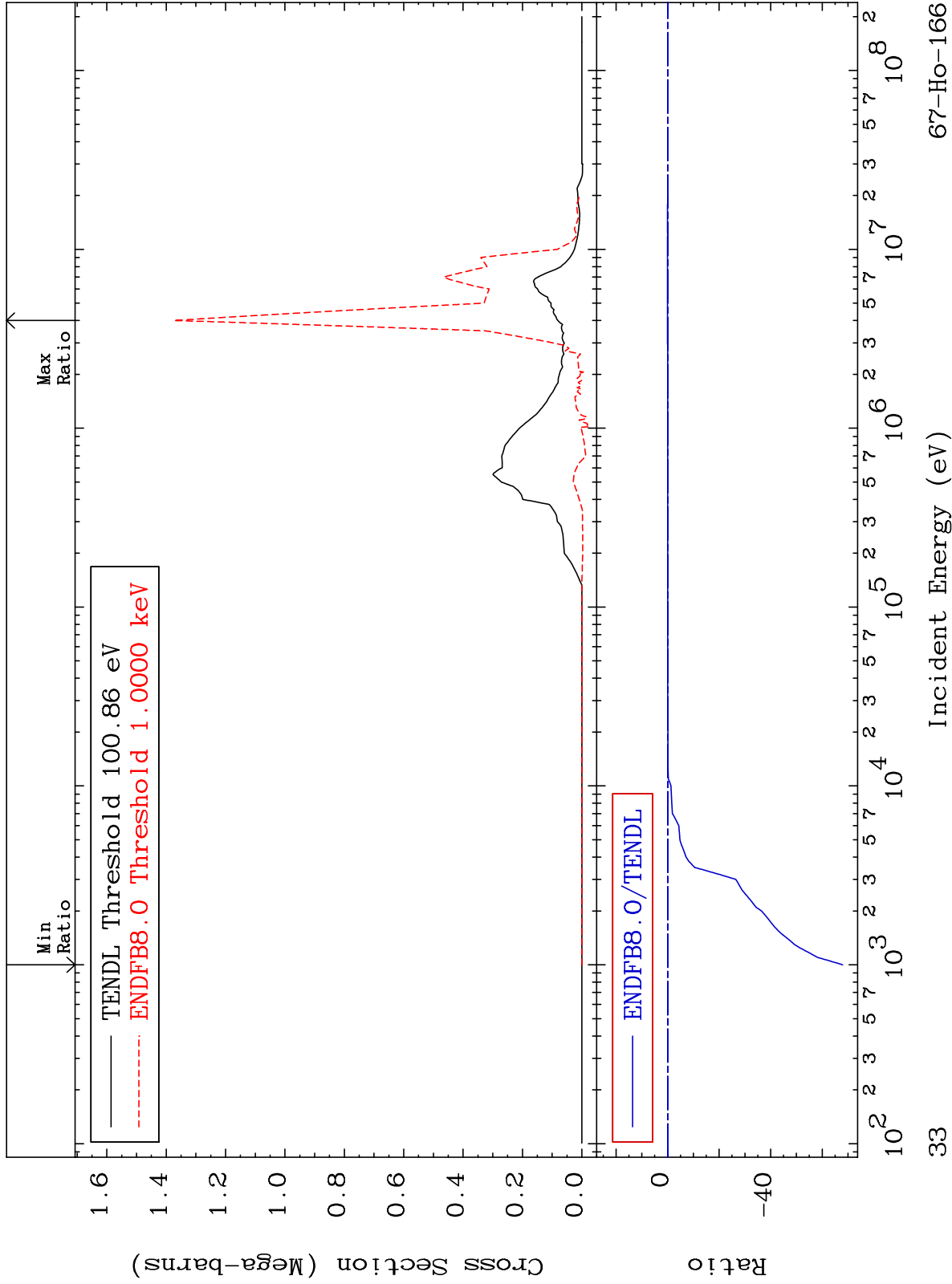
Incident Energy (eV)

67-Ho-166

MAT 6729

Kerma inelastic (mt51-91)
Cross Section

67-Ho-166
-9999. To 1599. %

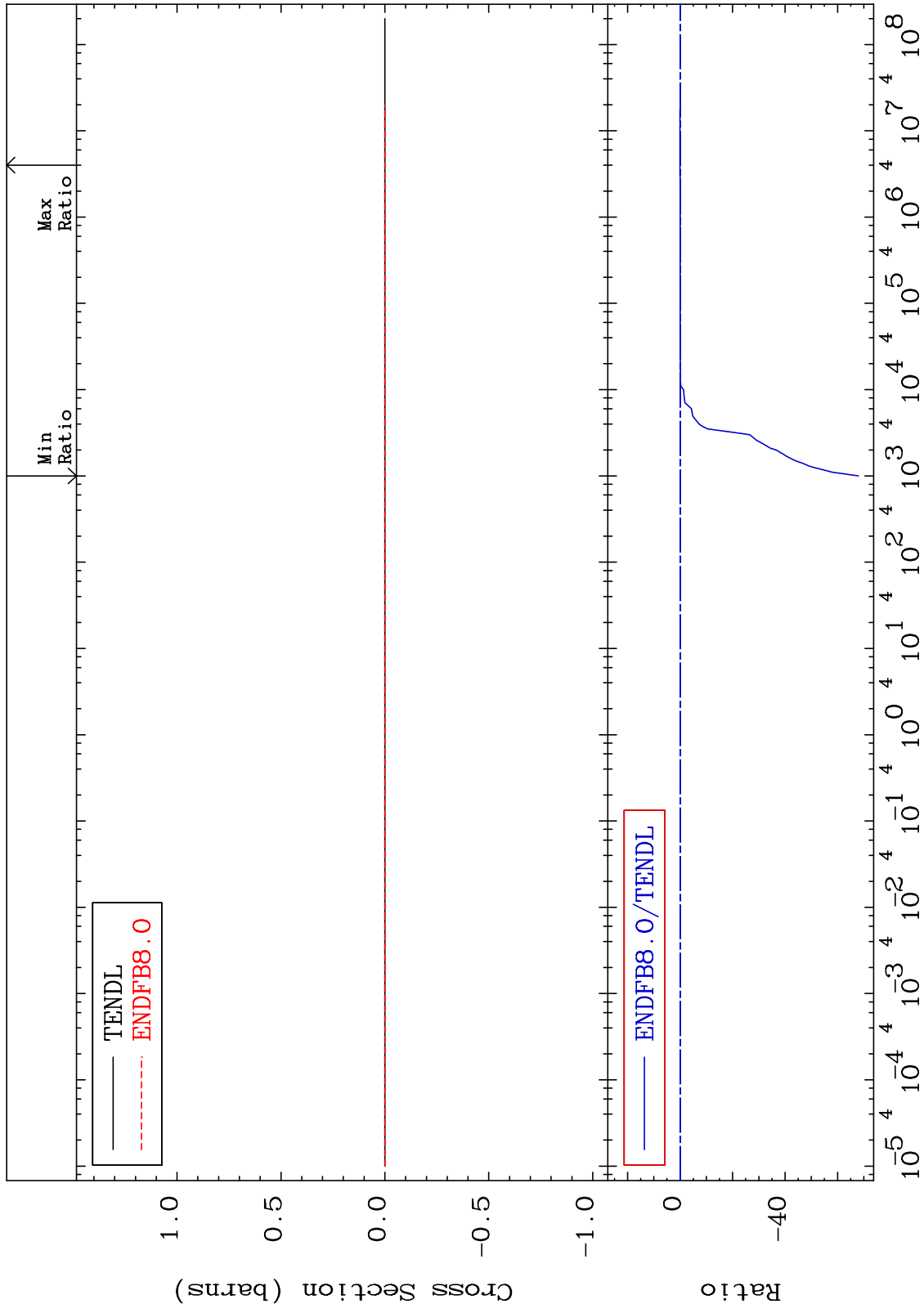


67-Ho-166

MAT 6729

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

67-Ho-166
-9999. To 1599. %



34

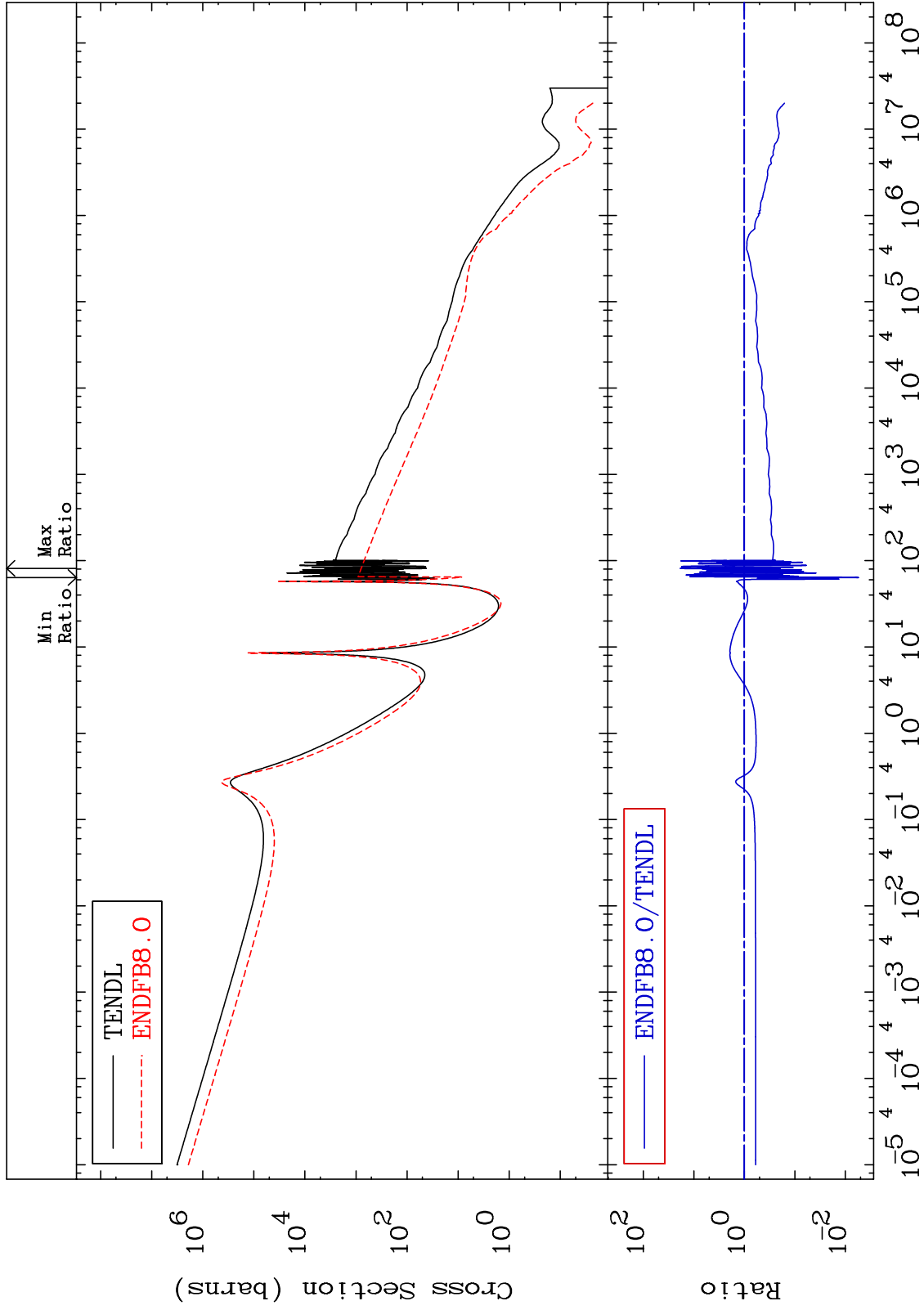
Incident Energy (eV)

67-Ho-166

MAT 6729

Kerma capture (mt102)
Cross Section

67-Ho-166
-99.45 To 1782. %



35

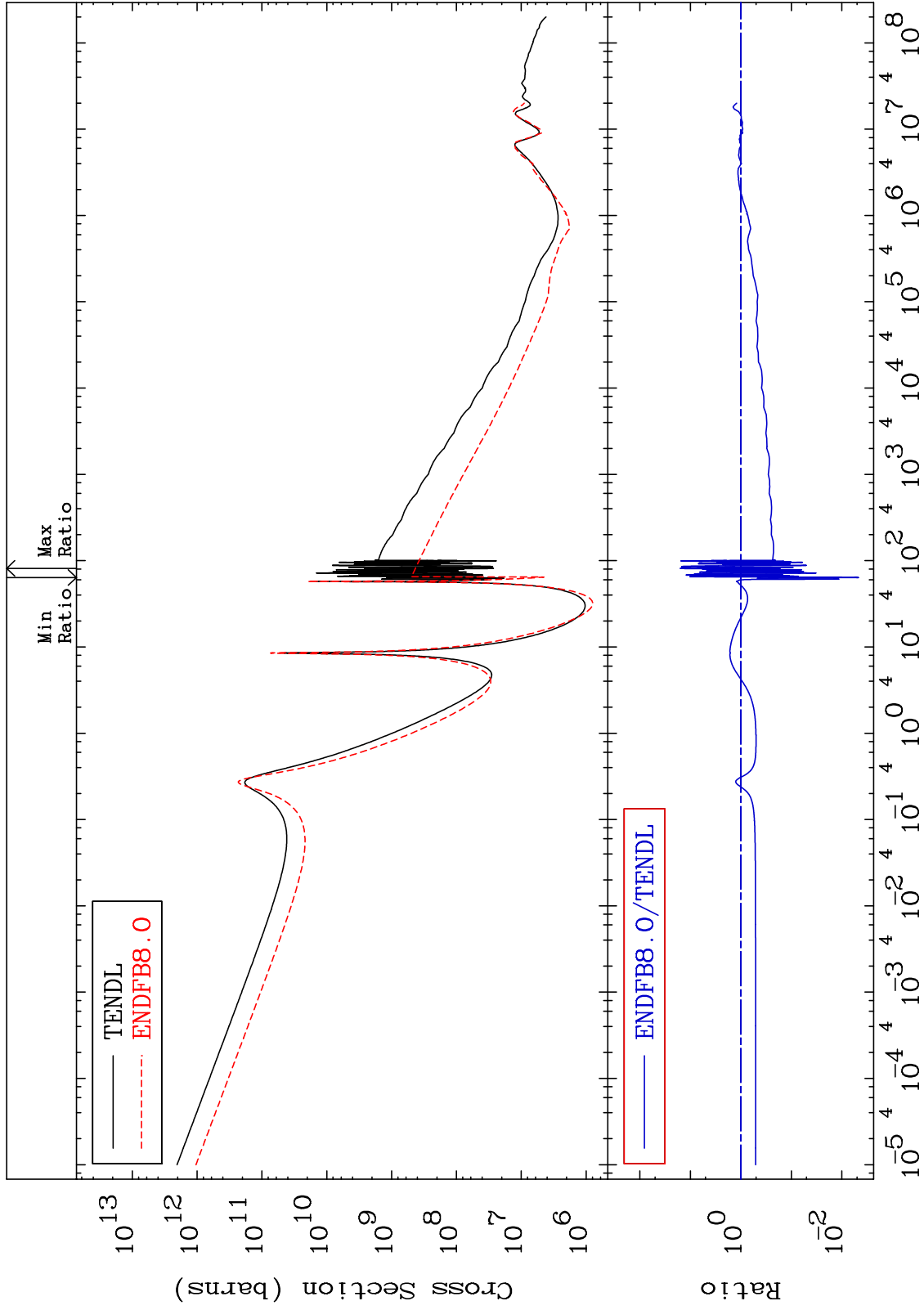
Incident Energy (eV)

67-Ho-166

MAT 6729

Total photon (eV-barns)
Cross Section

67-Ho-166
-99.53 To 1503. %



36

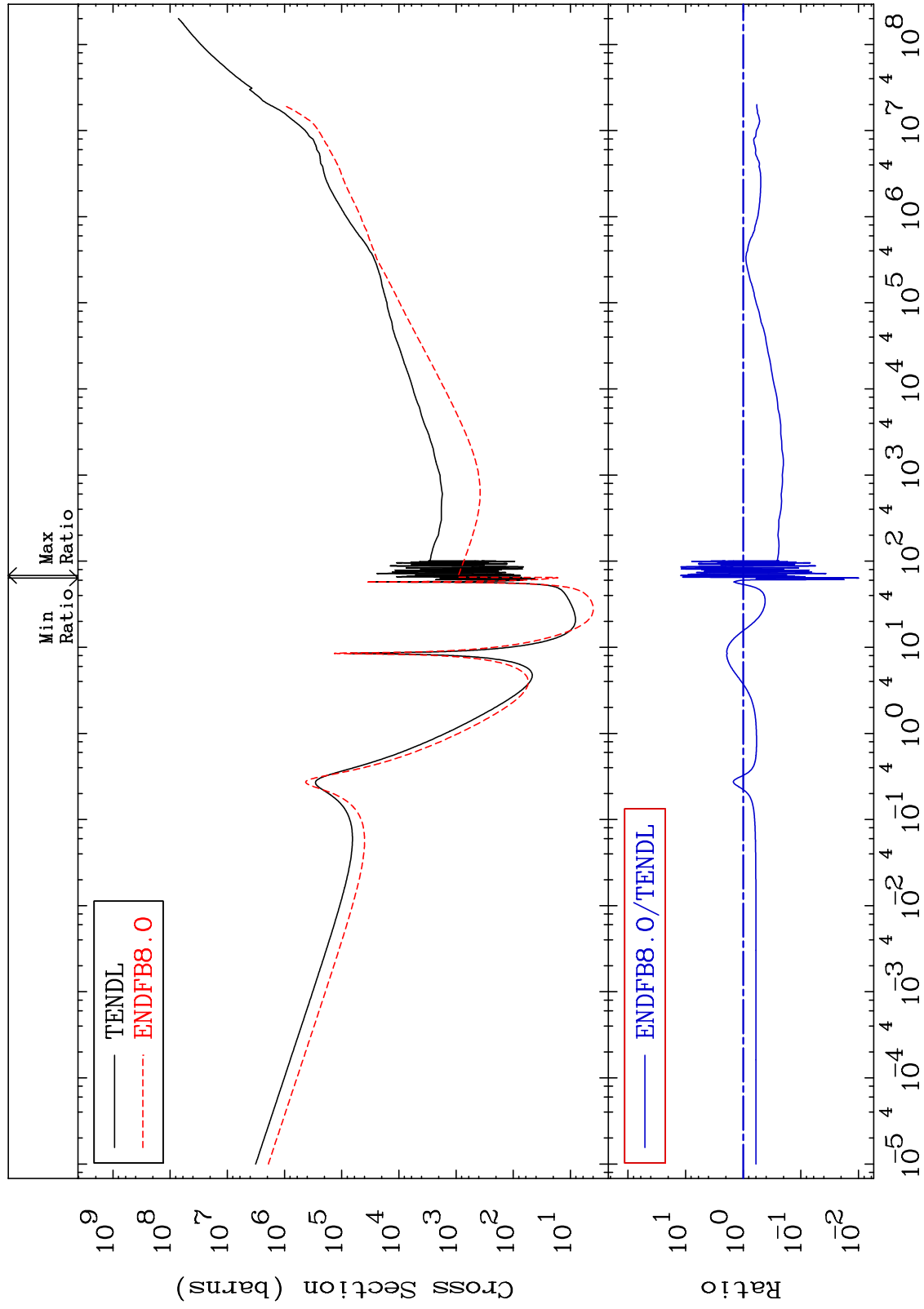
Incident Energy (eV)

67-Ho-166

MAT 6729

Total kinematic kerma (high limit)
Cross Section

67-Ho-166
-99.00 To 1127. %



37

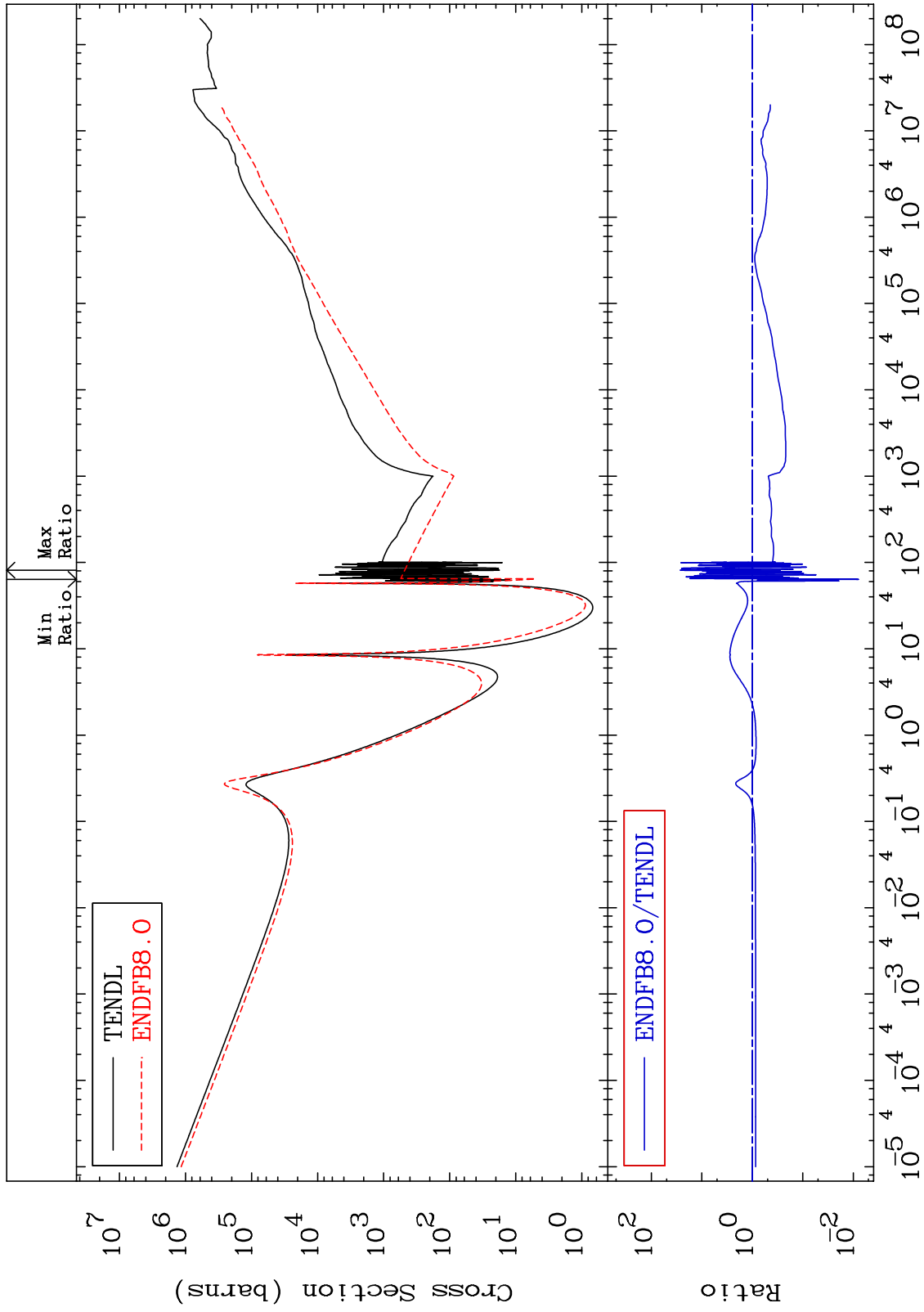
Incident Energy (eV)

67-Ho-166

MAT 6729

Dpa total (eV-barns)
Cross Section

67-Ho-166
-99.21 To 2608. %

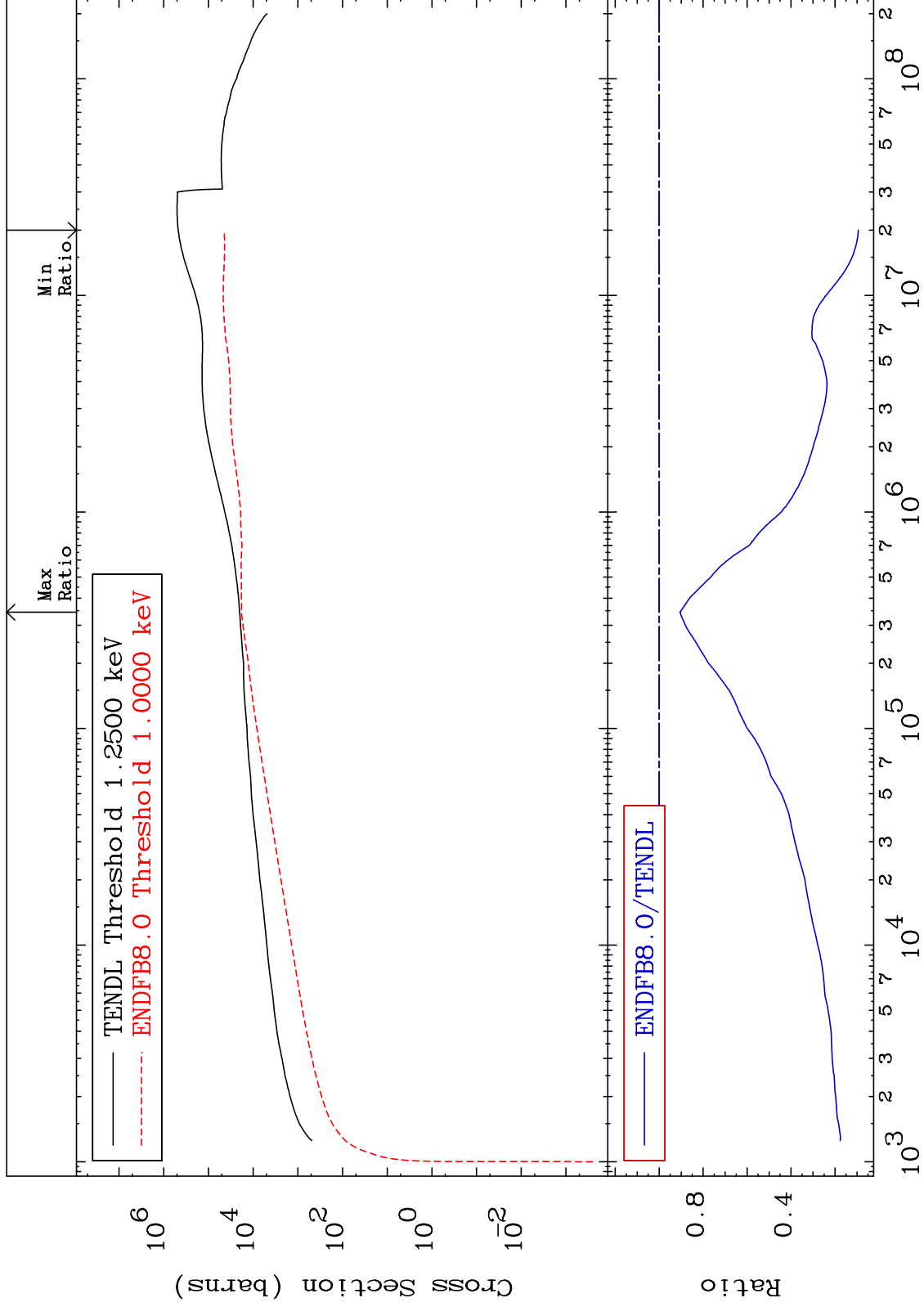


MAT 6729

Dpa elastic (mt2)
Cross Section

67-Ho-166

-90.65 To -9.475%



Incident Energy (eV)

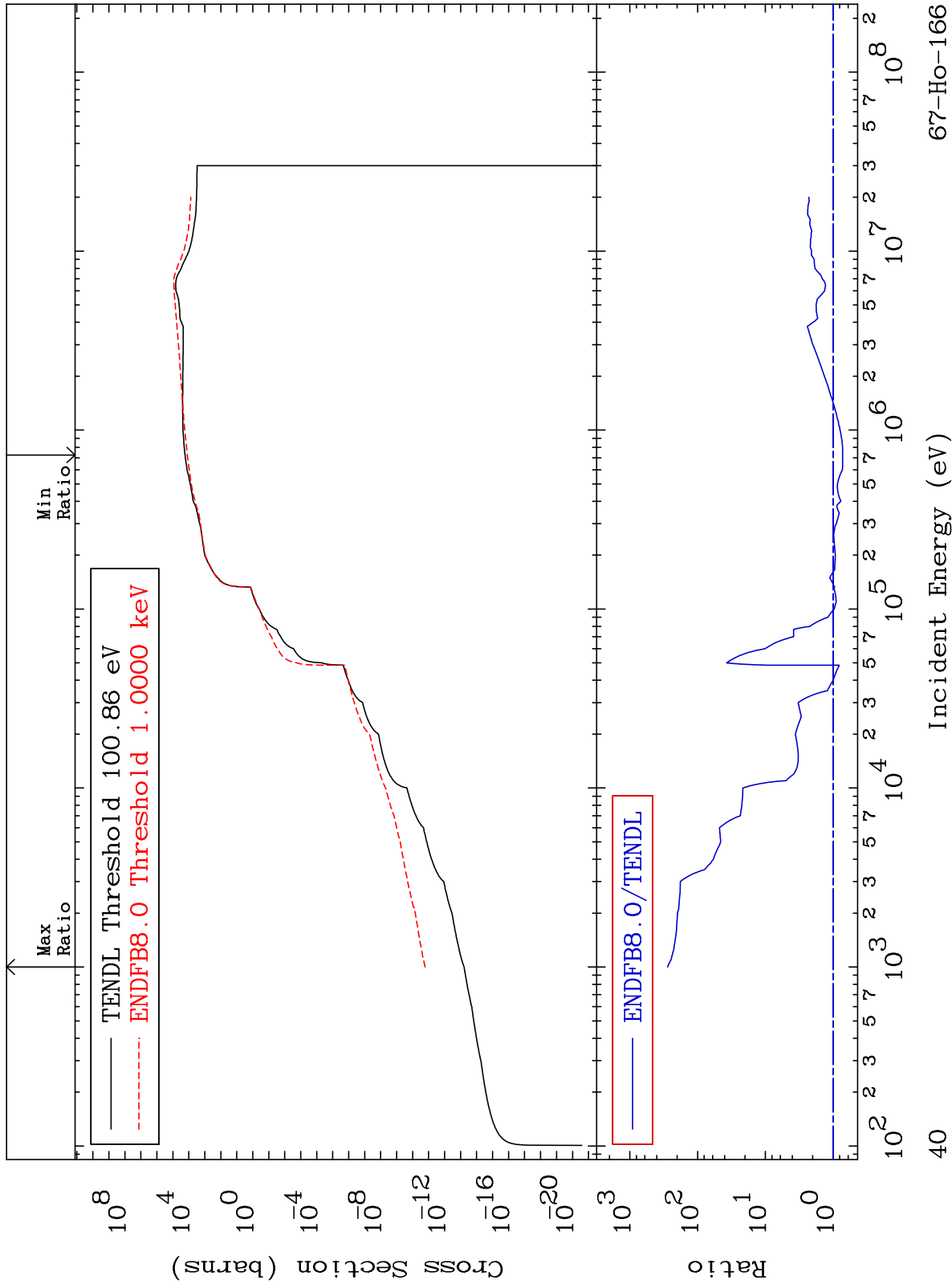
67-Ho-166

39

MAT 6729

Dpa inelastic (mt51-91)
Cross Section

67-Ho-166
-27.66 To 9999. %



67-Ho-166

MAT 6729

Dpa disappearance (mt102 -120)
Cross Section

67-Ho-166
-99.21 To 2608. %

