

Program Complot
(Version 2021-1)

by

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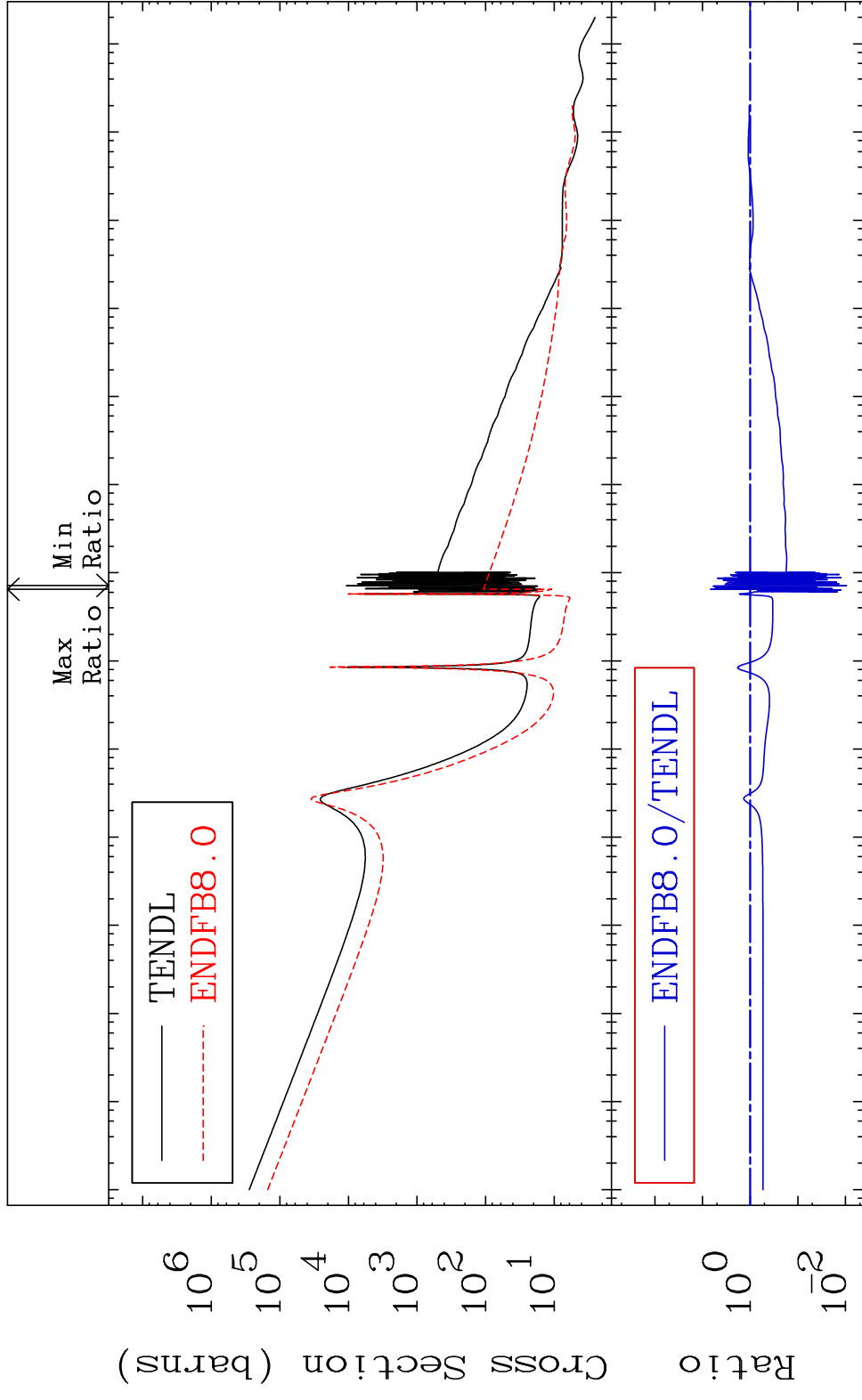
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6729

Total
Cross Section -99.04 To 572.0 %

67-Ho-166m



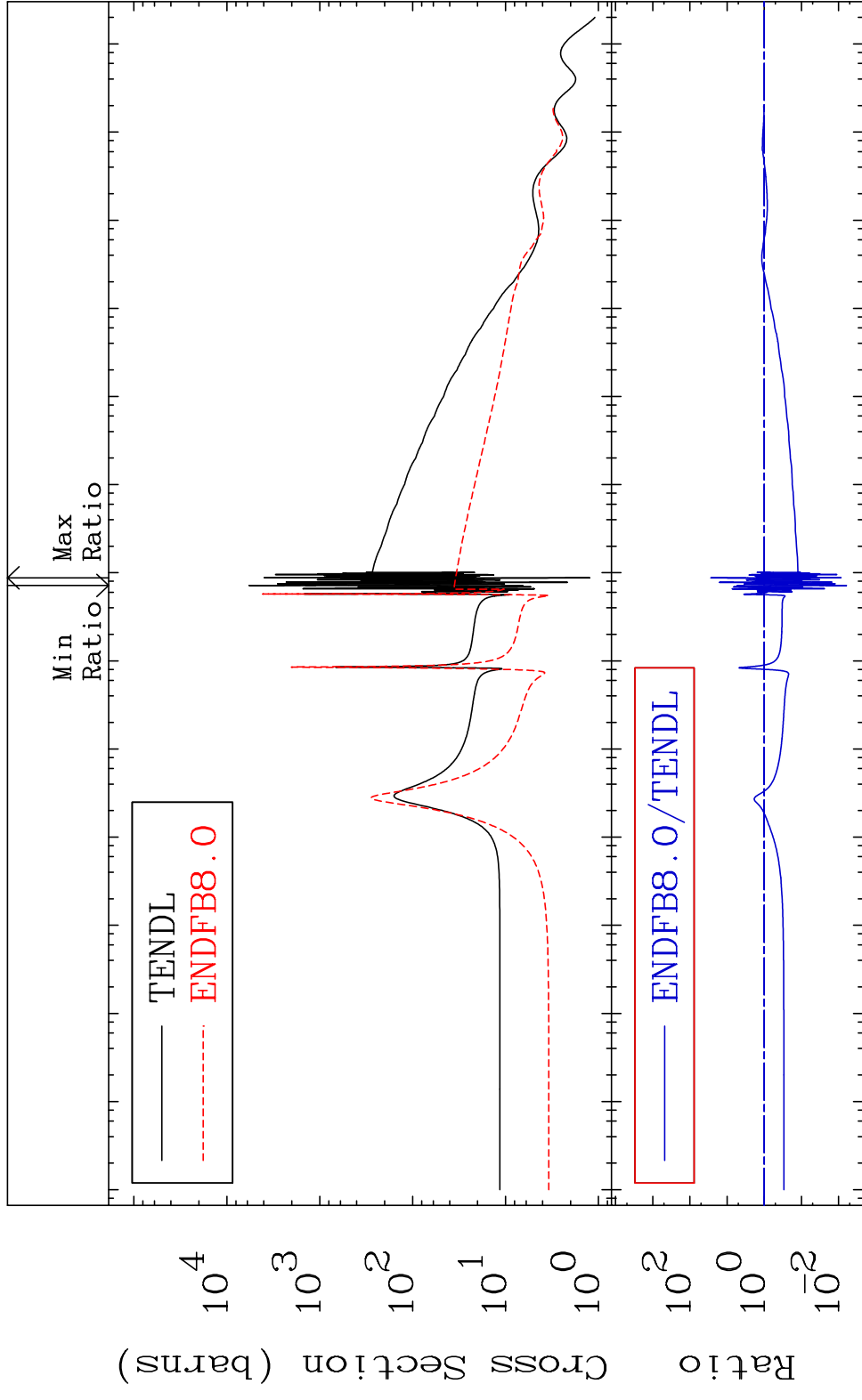
1 Incident Energy (eV) 67-Ho-166m

MAT 6729

Elastic

67-Ho-166m

Cross Section -99.38 To 2660. %



2

Incident Energy (eV)

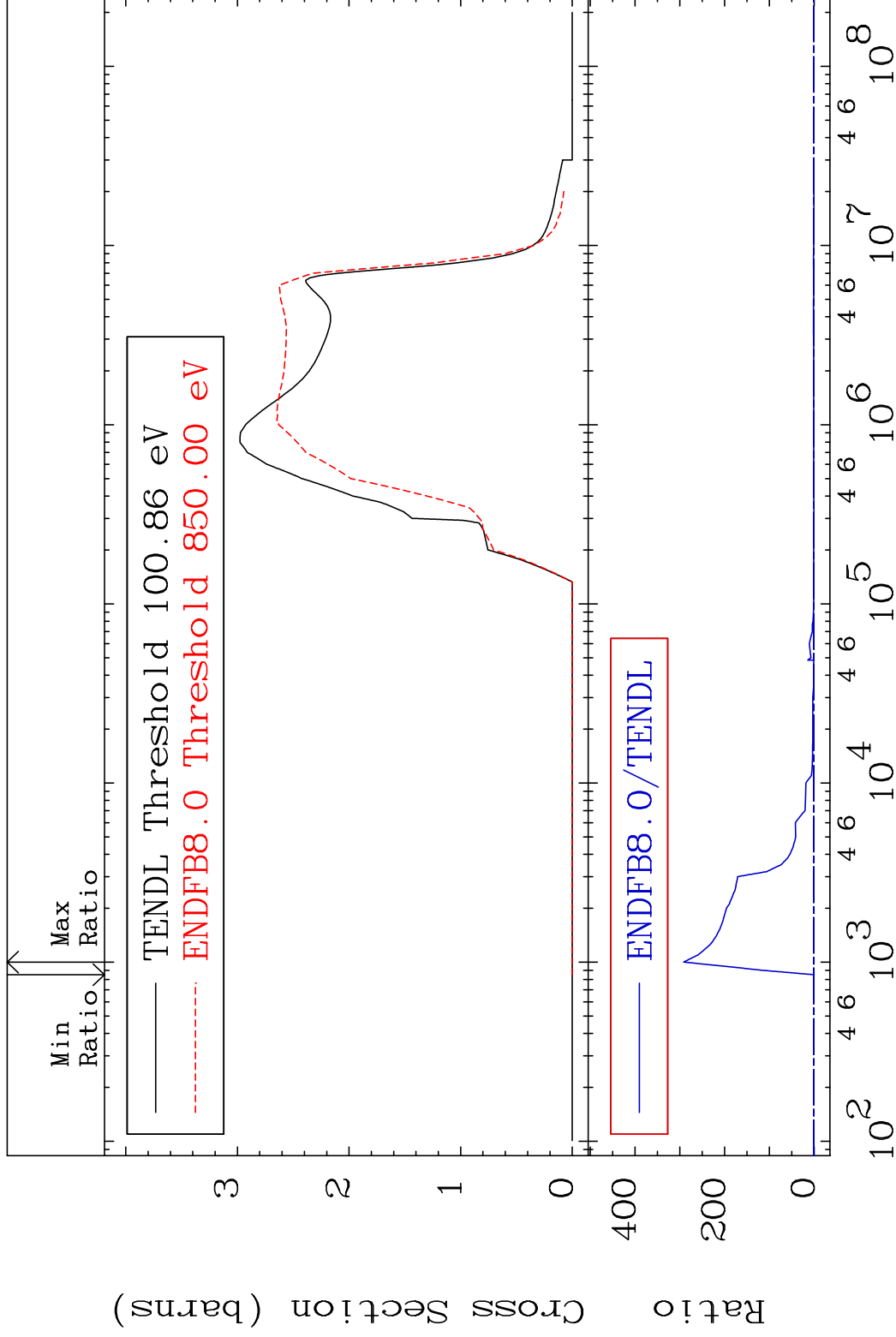
67-Ho-166m

MAT 6729

Inelastic

67-Ho-166m

Cross Section -100.0 To 9999. %

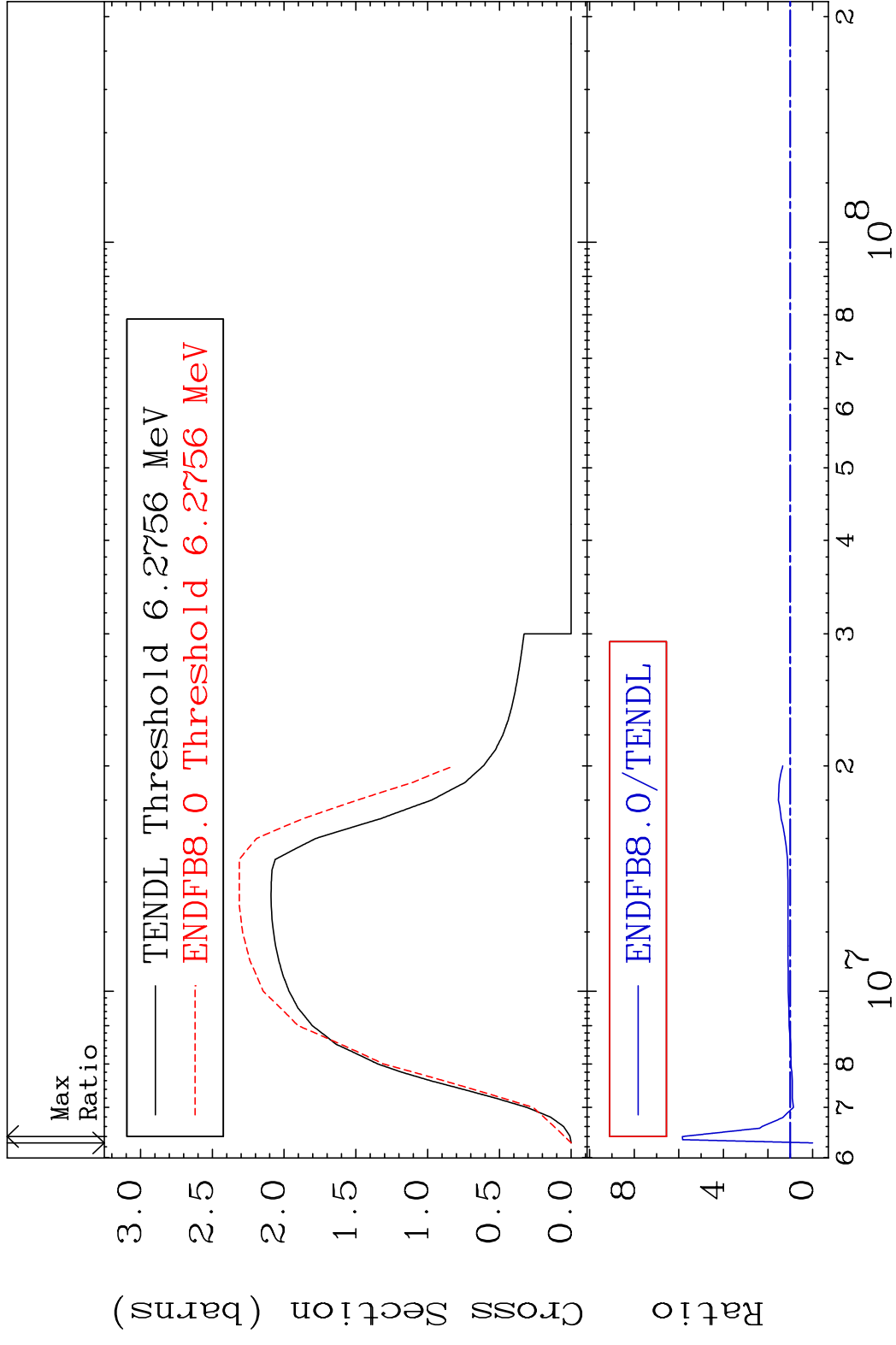


3

Incident Energy (eV)

67-Ho-166m

MAT 6729 (n,2n) 67-Ho-166m
 Cross Section -100.0 To 484.1 %



4 Incident Energy (eV) 67-Ho-166m

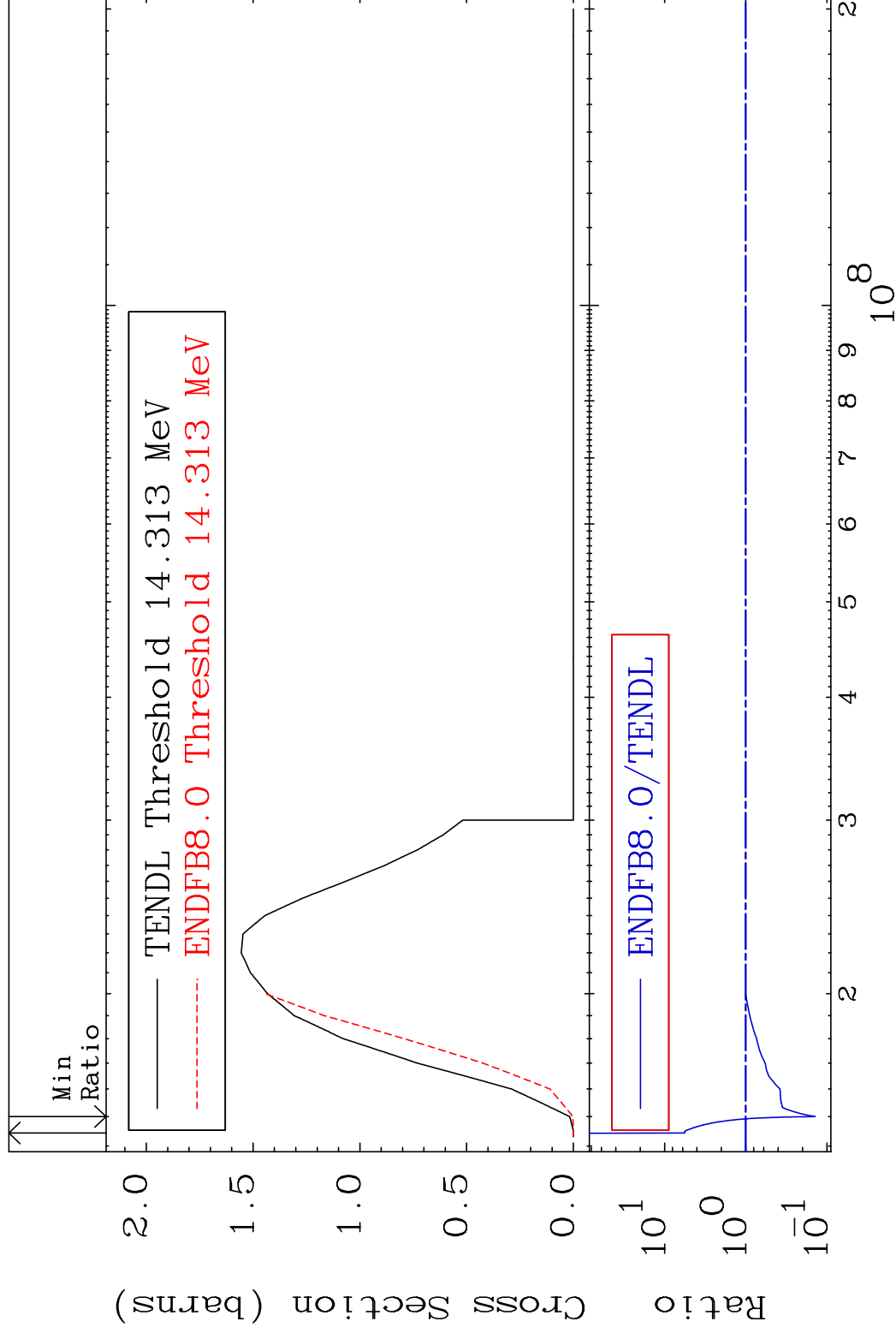
MAT 6729

(n,3n)

67-Ho-166m

Cross Section

-85.99 To 465.5 %



5

Incident Energy (eV)

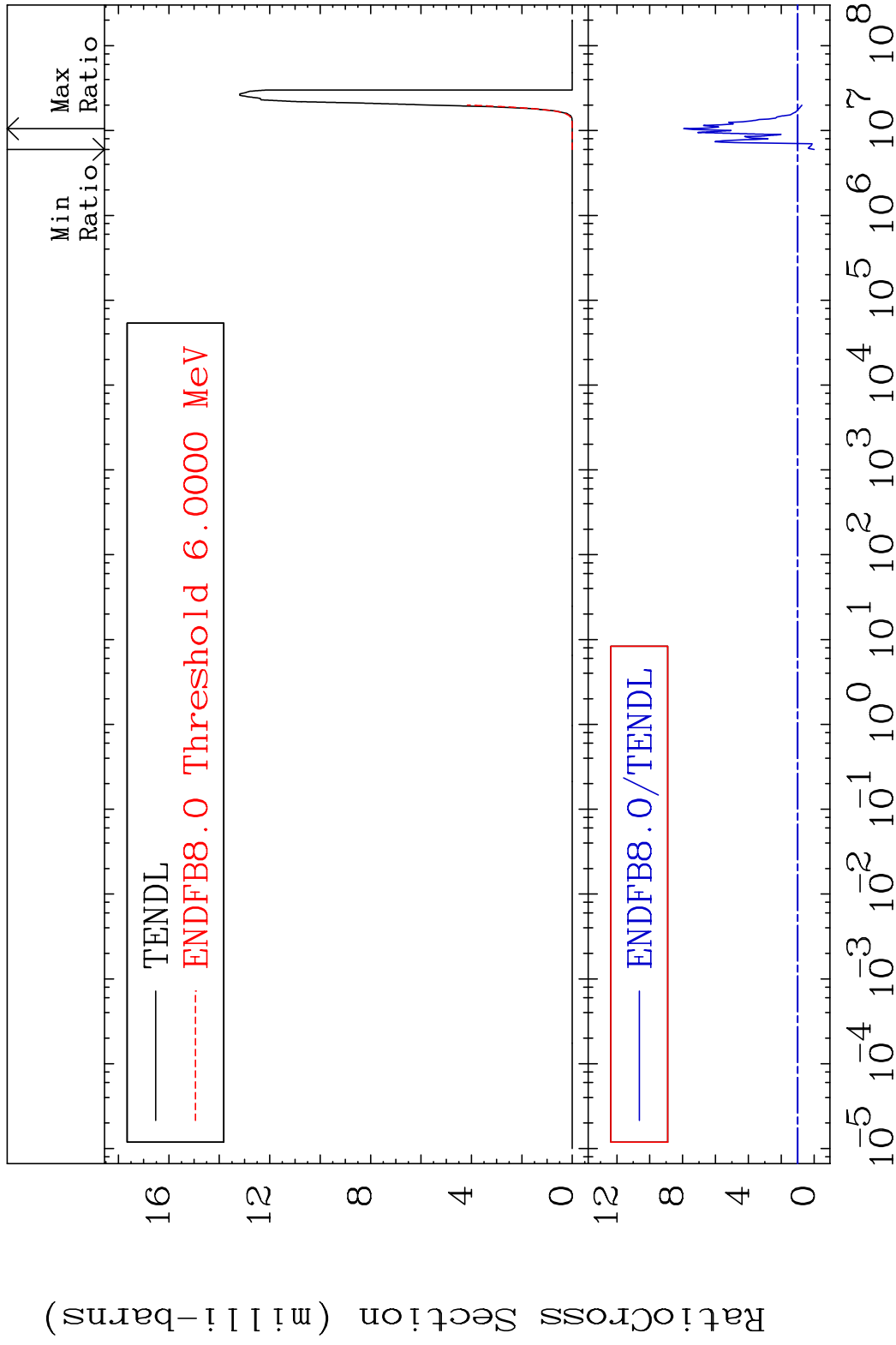
67-Ho-166m

MAT 6729

(n, n') α

67-Ho-166m

Cross Section -100.0 To 693.6 %

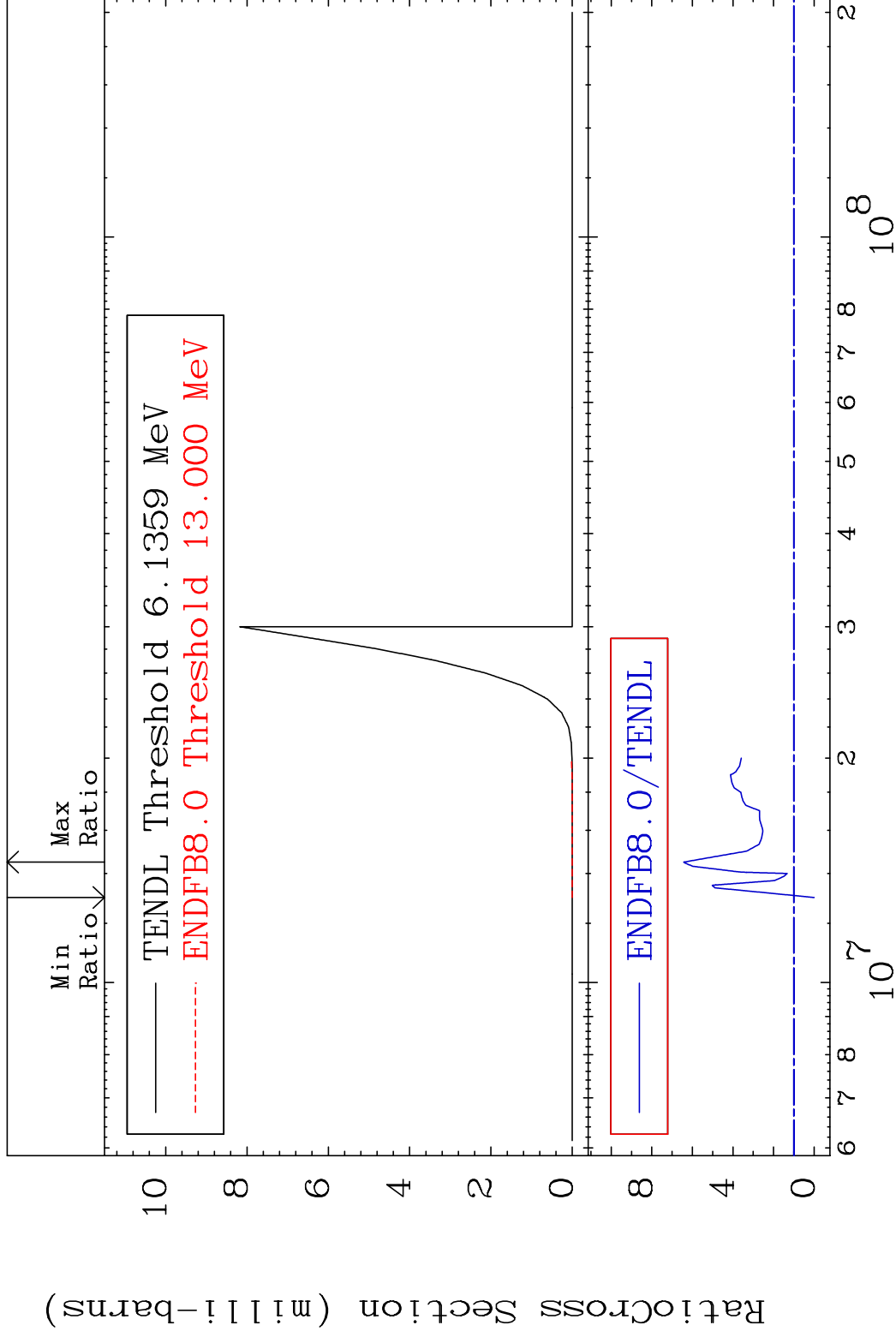


MAT 6729

(n,2n) α

67-Ho-166m

Cross Section -100.0 To 543.0 %



7

Incident Energy (eV)

67-Ho-166m

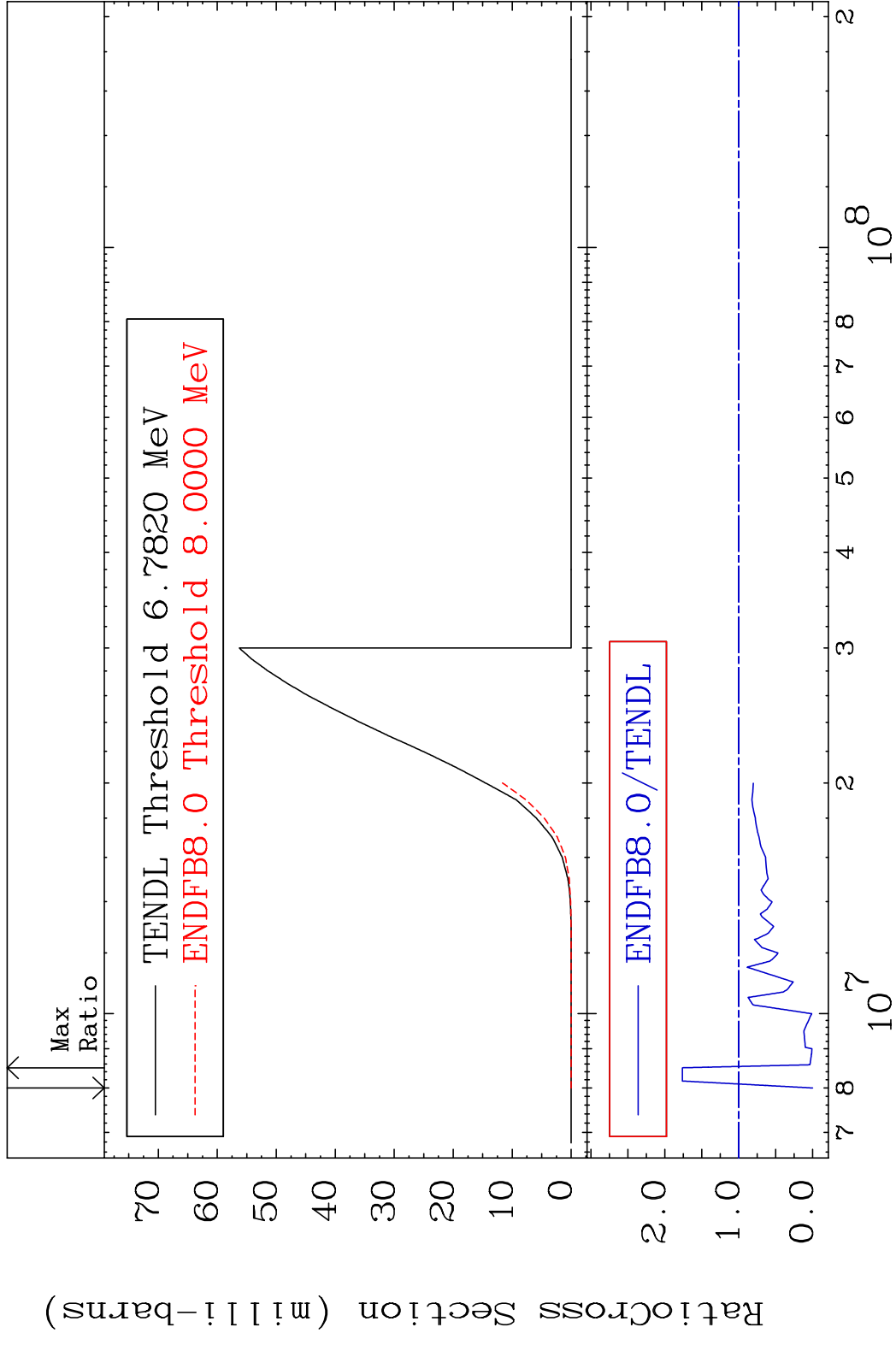
MAT 6729

(n, n') p

67-Ho-166m

Cross Section

-100.0 To 76.20 %



8

Incident Energy (eV)

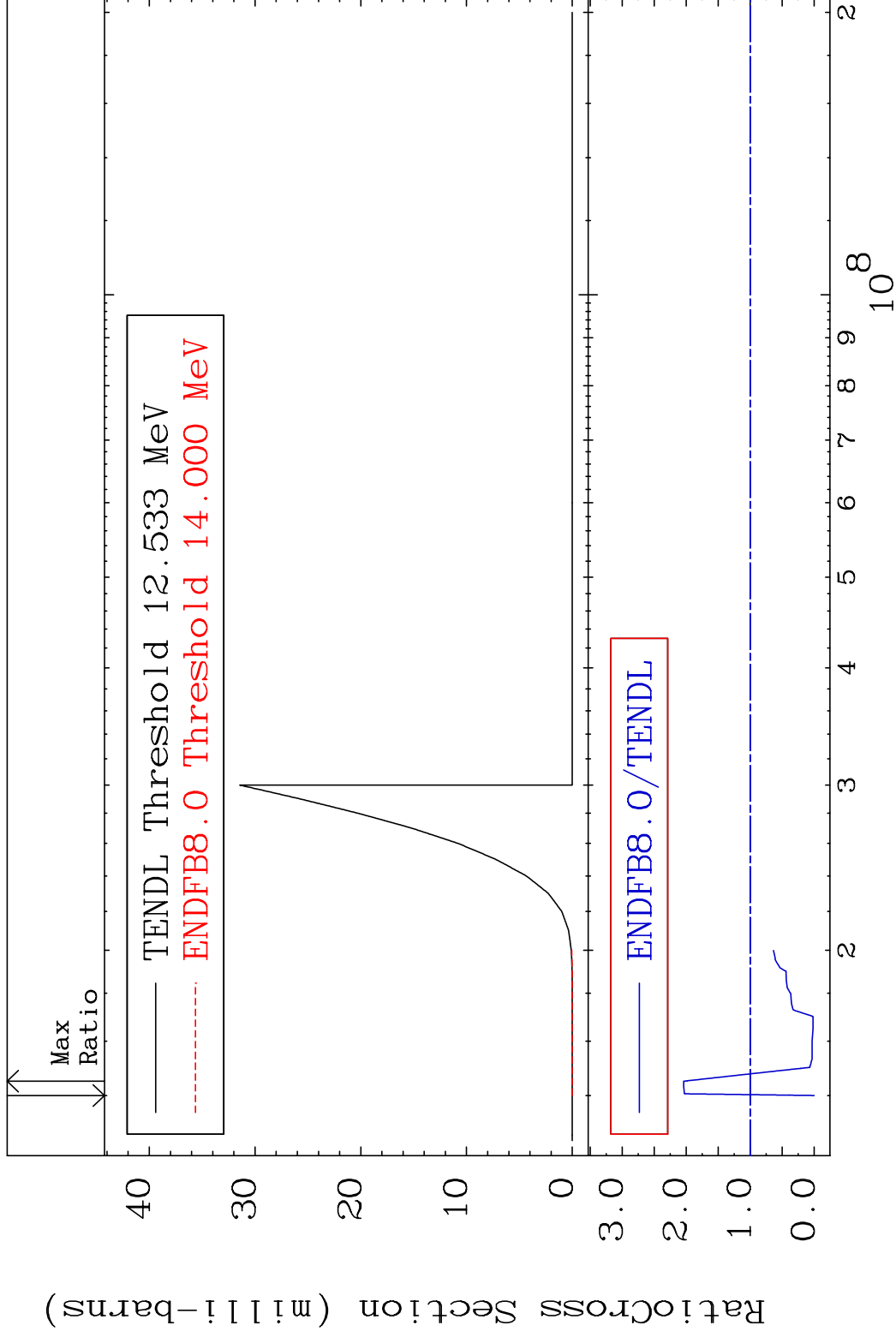
67-Ho-166m

MAT 6729

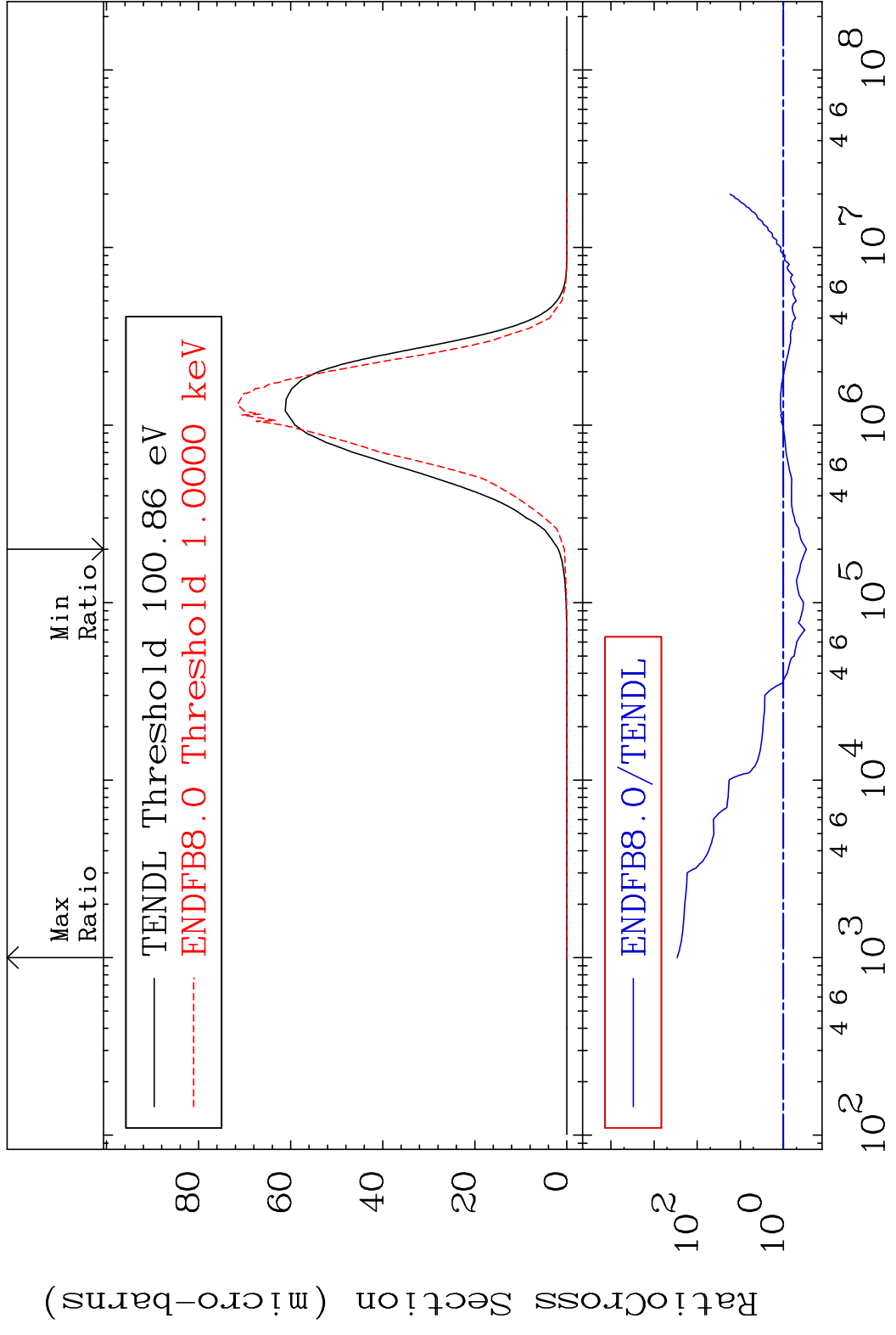
(n,2n) p

67-Ho-166m

Cross Section -100.0 To 104.0 %

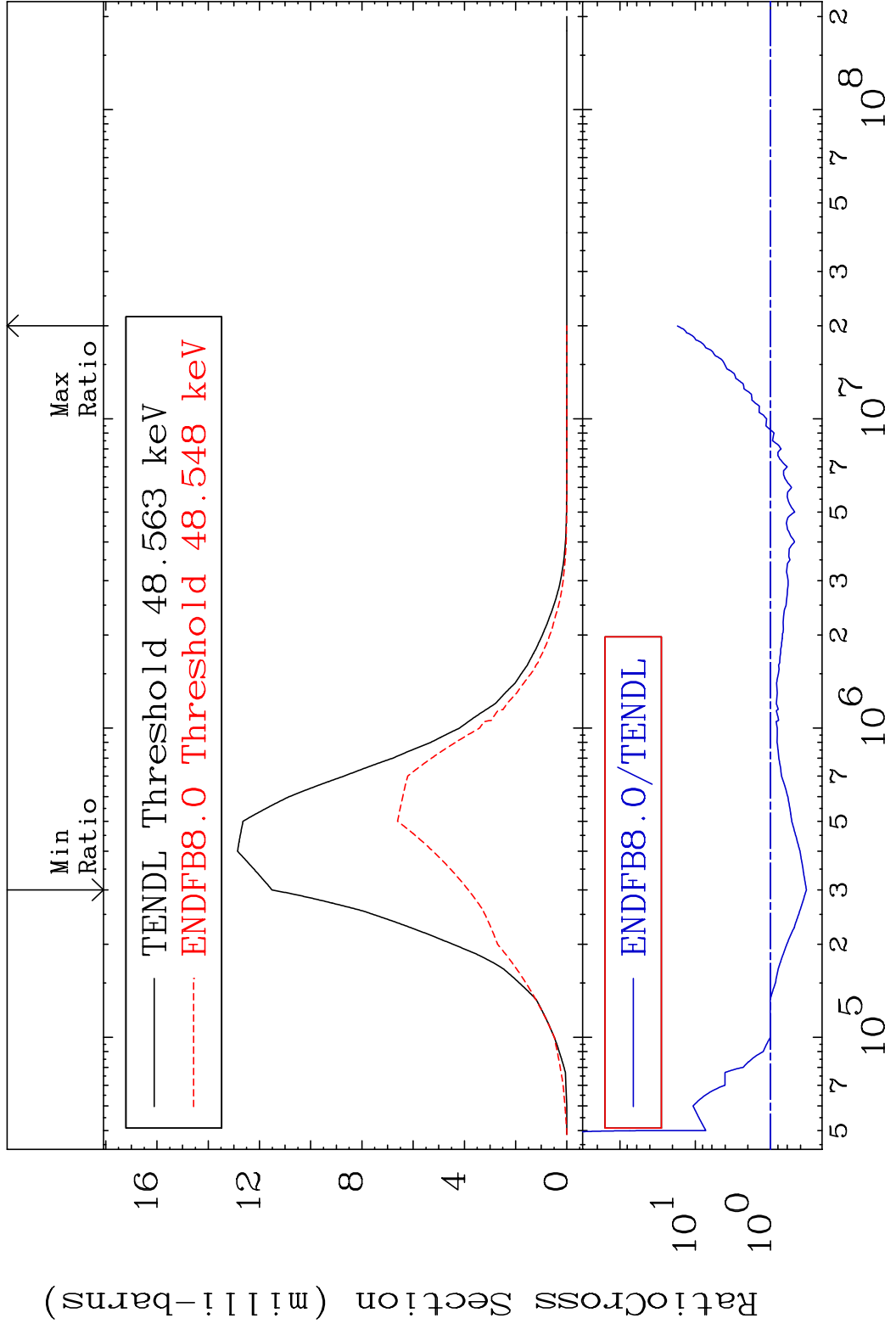


MAT 6729 MT= 51 (n, n') Level 67-Ho-166m
 Cross Section -70.71 To 9999. %



10 Incident Energy (eV) 67-Ho-166m

MAT 6729 MT= 52 (n,n') Level 67-Ho-166m
 Cross Section -66.56 To 1637. %

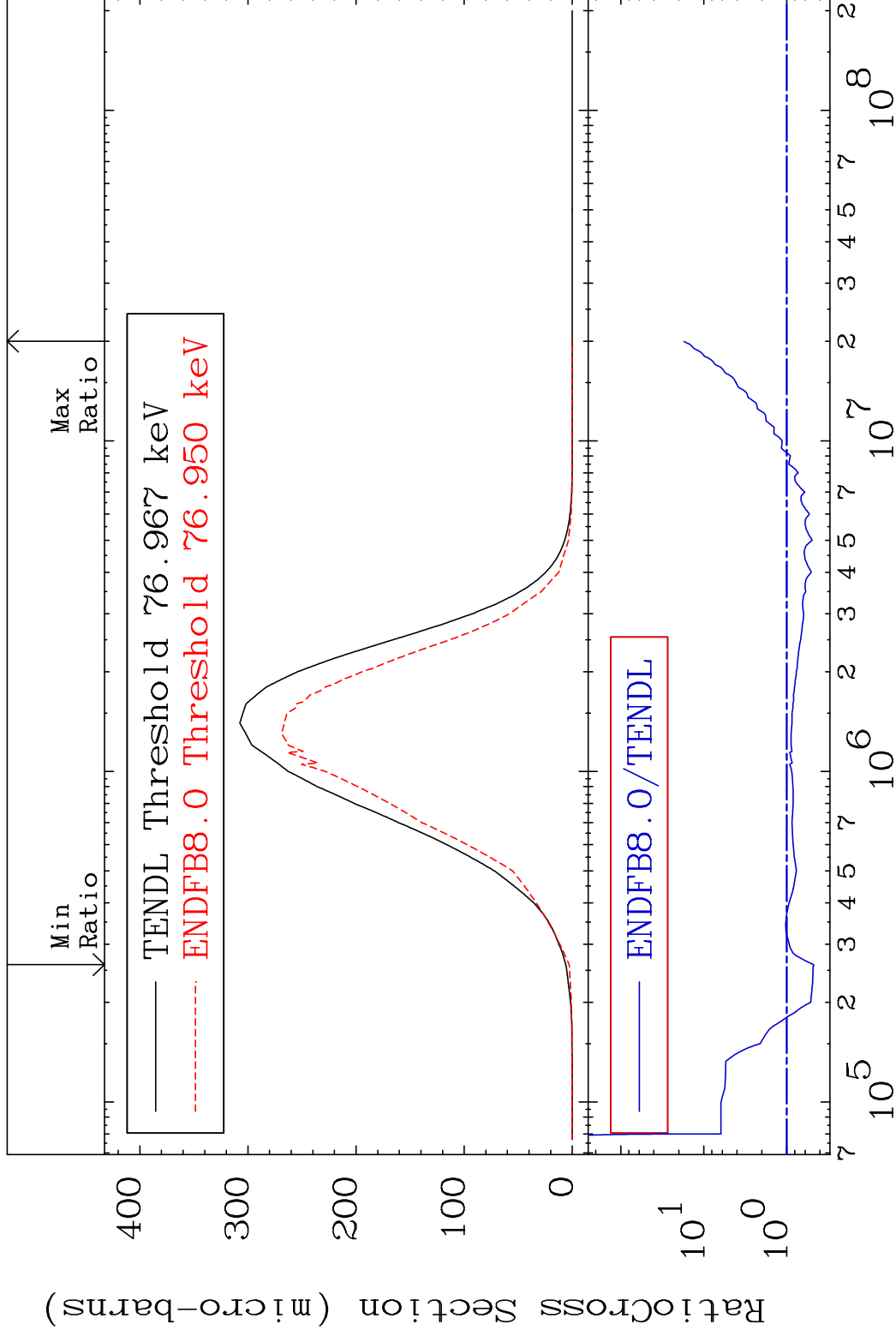


MAT 6729

MT= 53 (n, n') Level

67-Ho-166m

Cross Section -53.14 To 1649. %

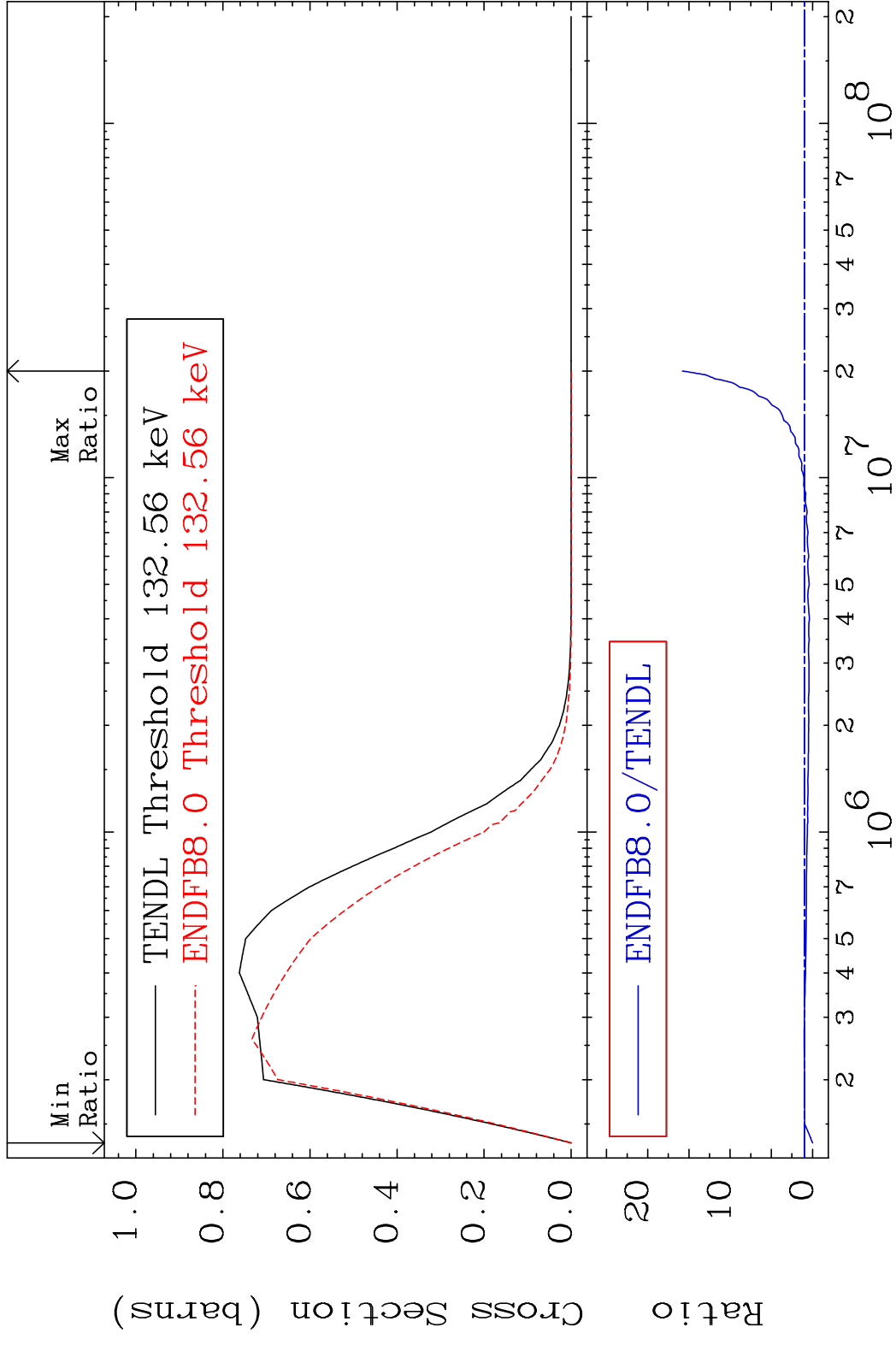


12

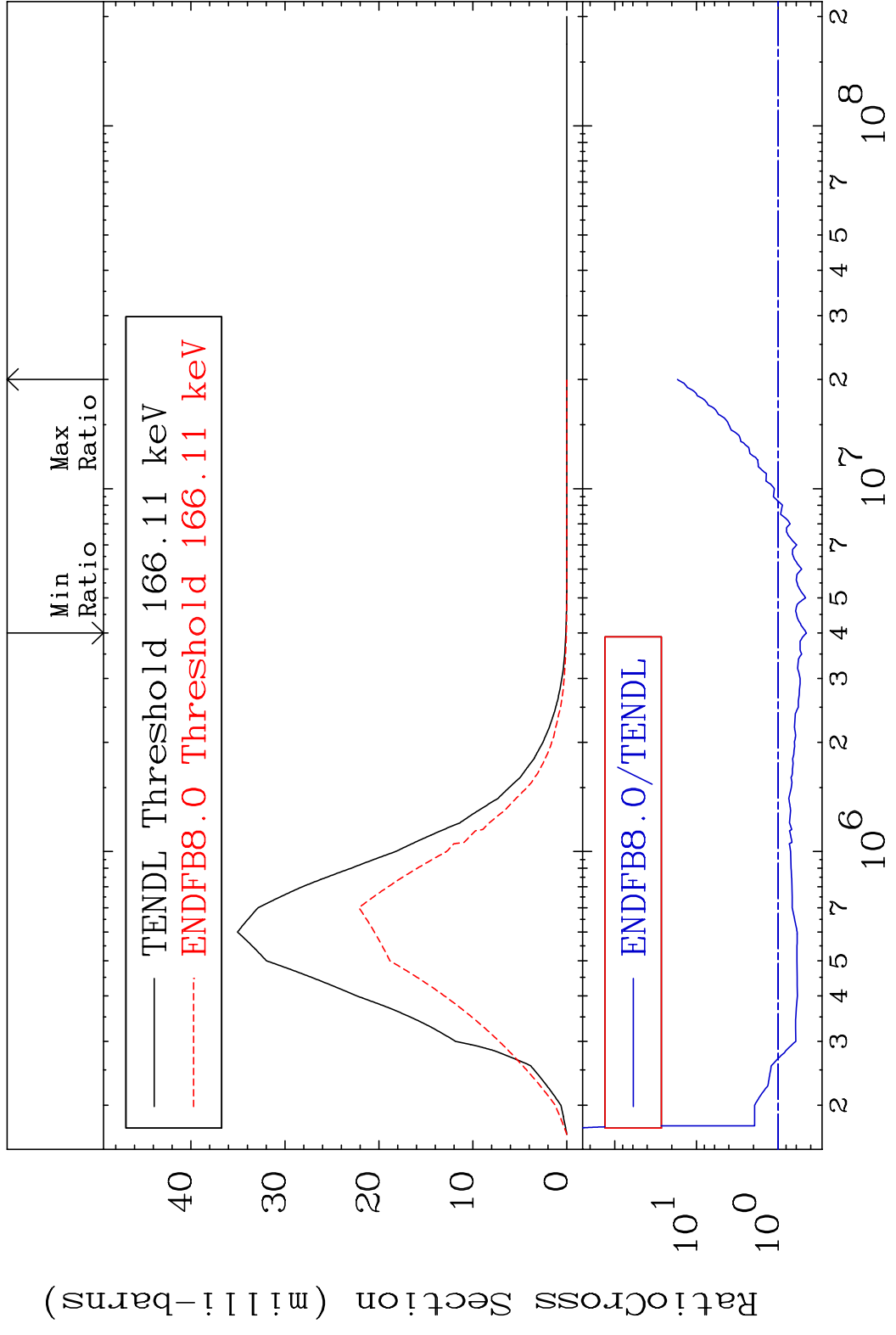
Incident Energy (eV)

67-Ho-166m

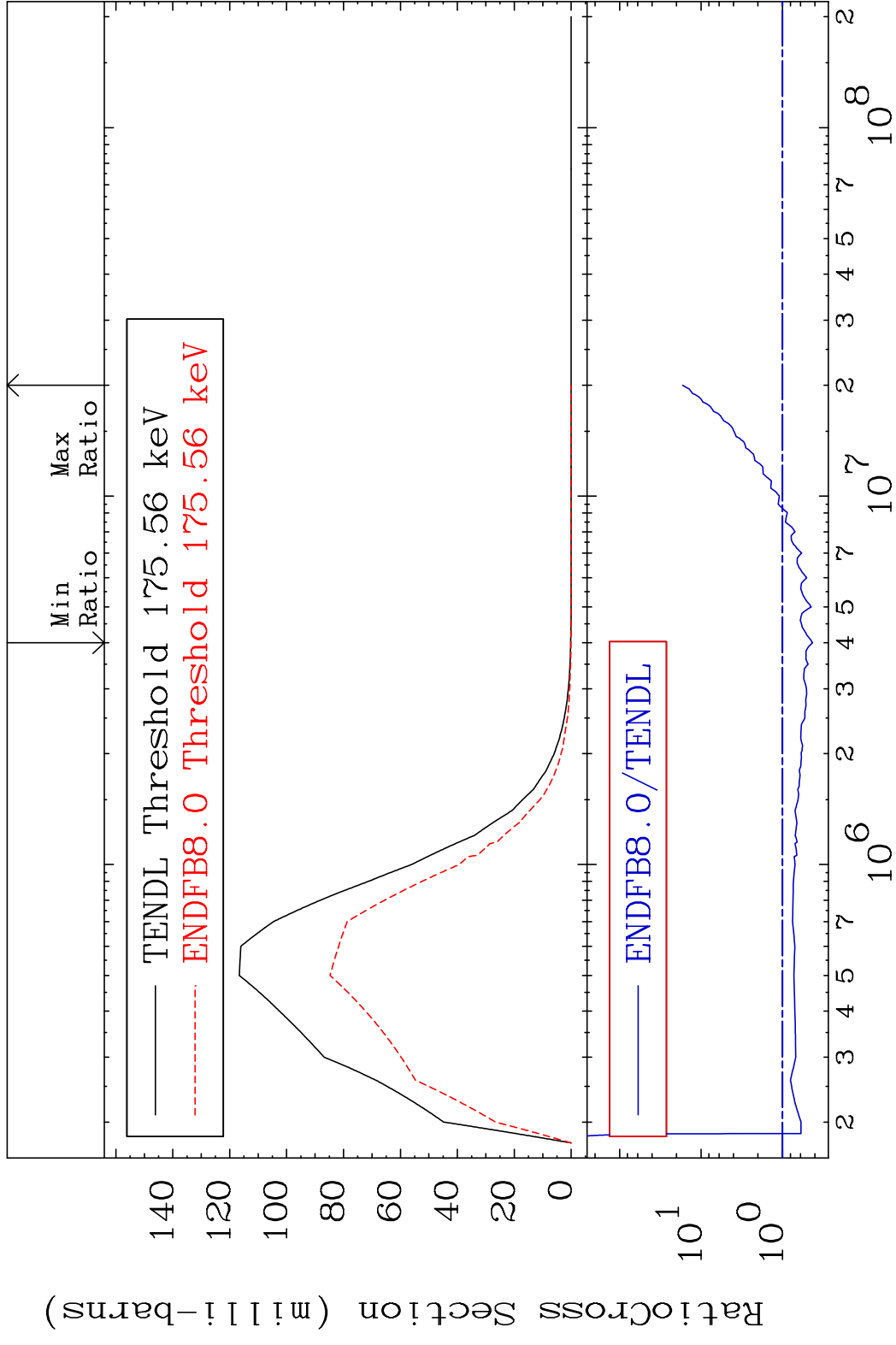
MAT 6729 MT= 54 (n,n') Level 67-Ho-166m
 Cross Section -100.0 To 1480. %



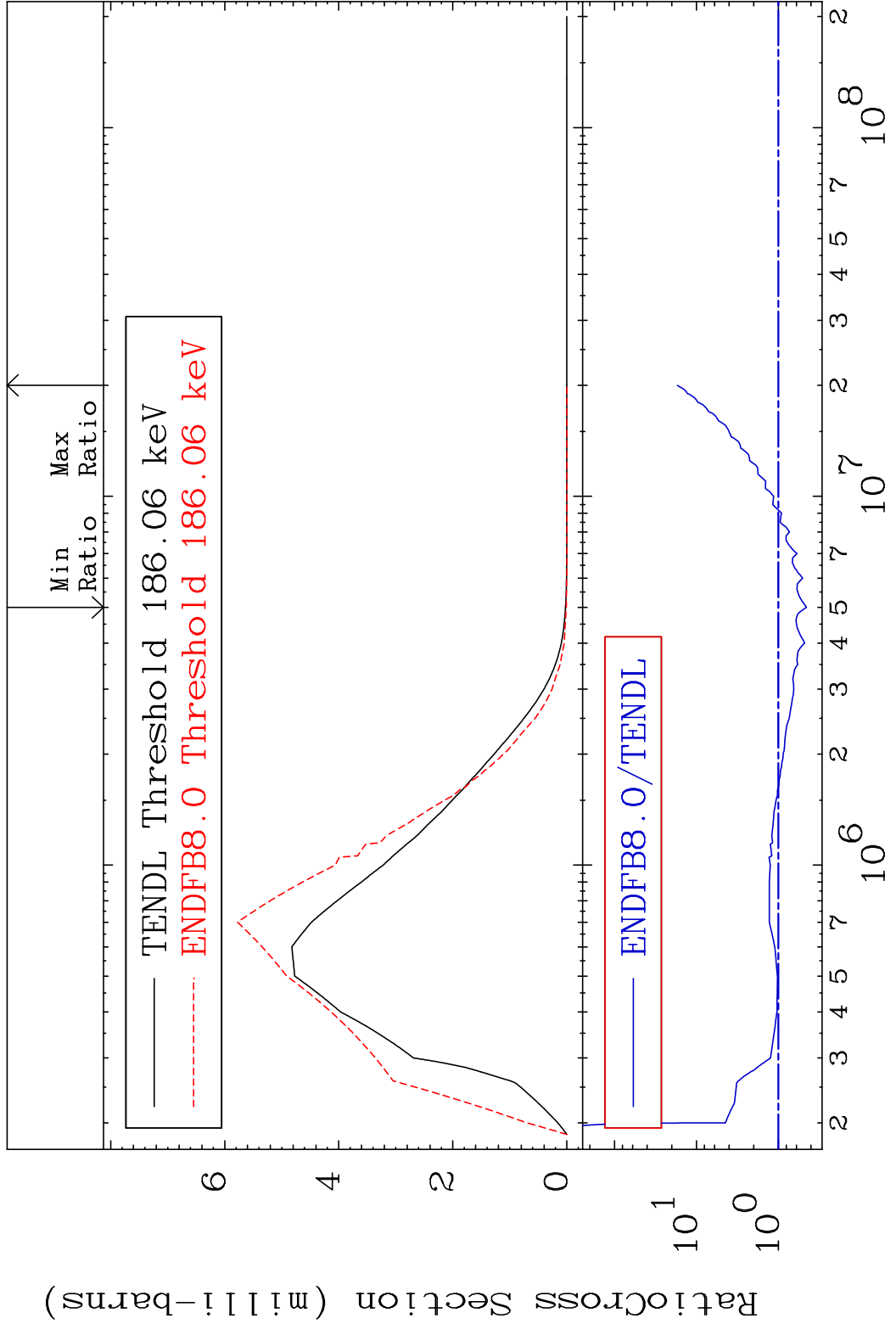
MAT 6729 MT= 55 (n, n') Level 67-Ho-166m
 Cross Section -54.92 To 1619. %



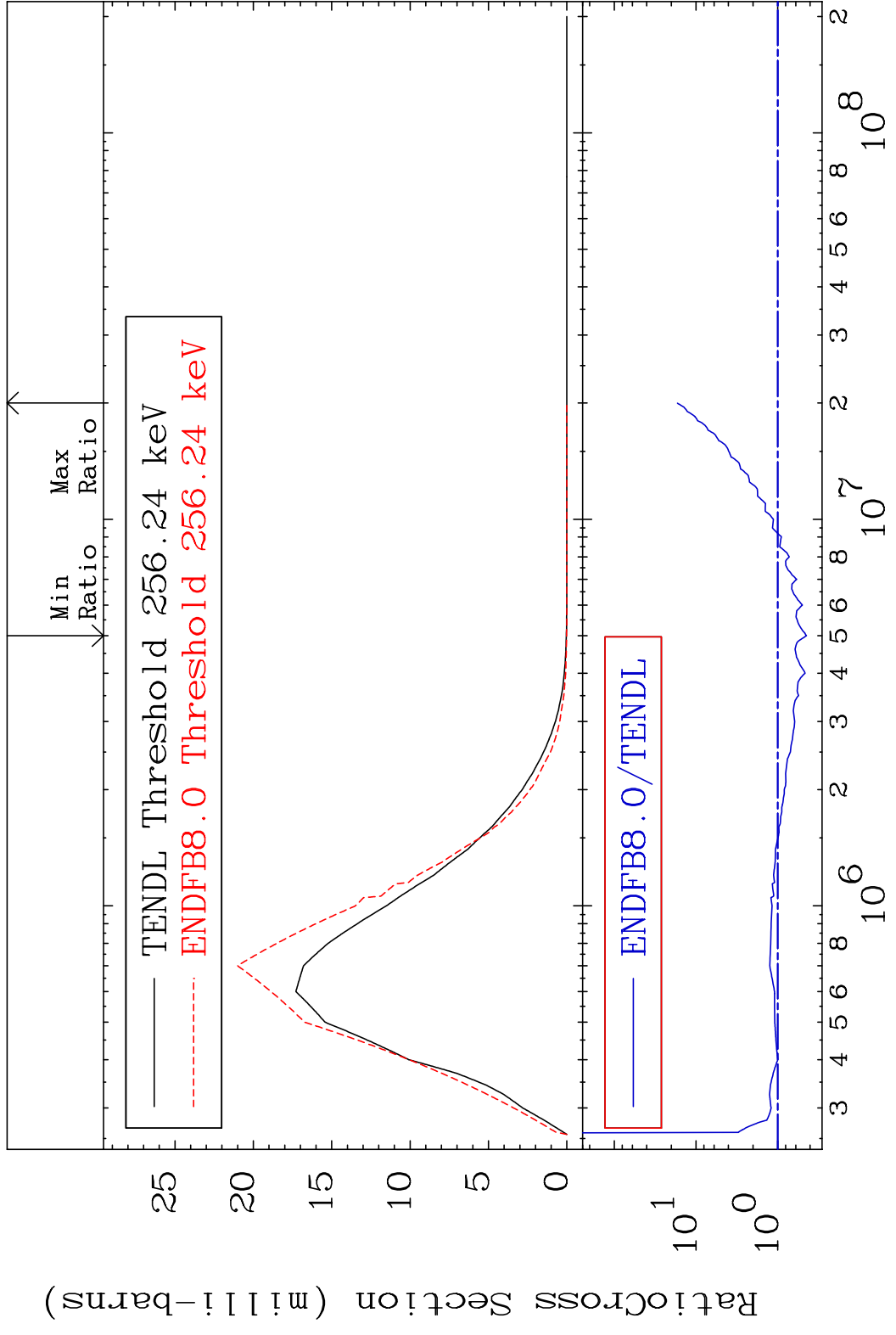
MAT 6729 MT= 56 (n, n') Level 67-Ho-166m
 Cross Section -57.24 To 1596. %



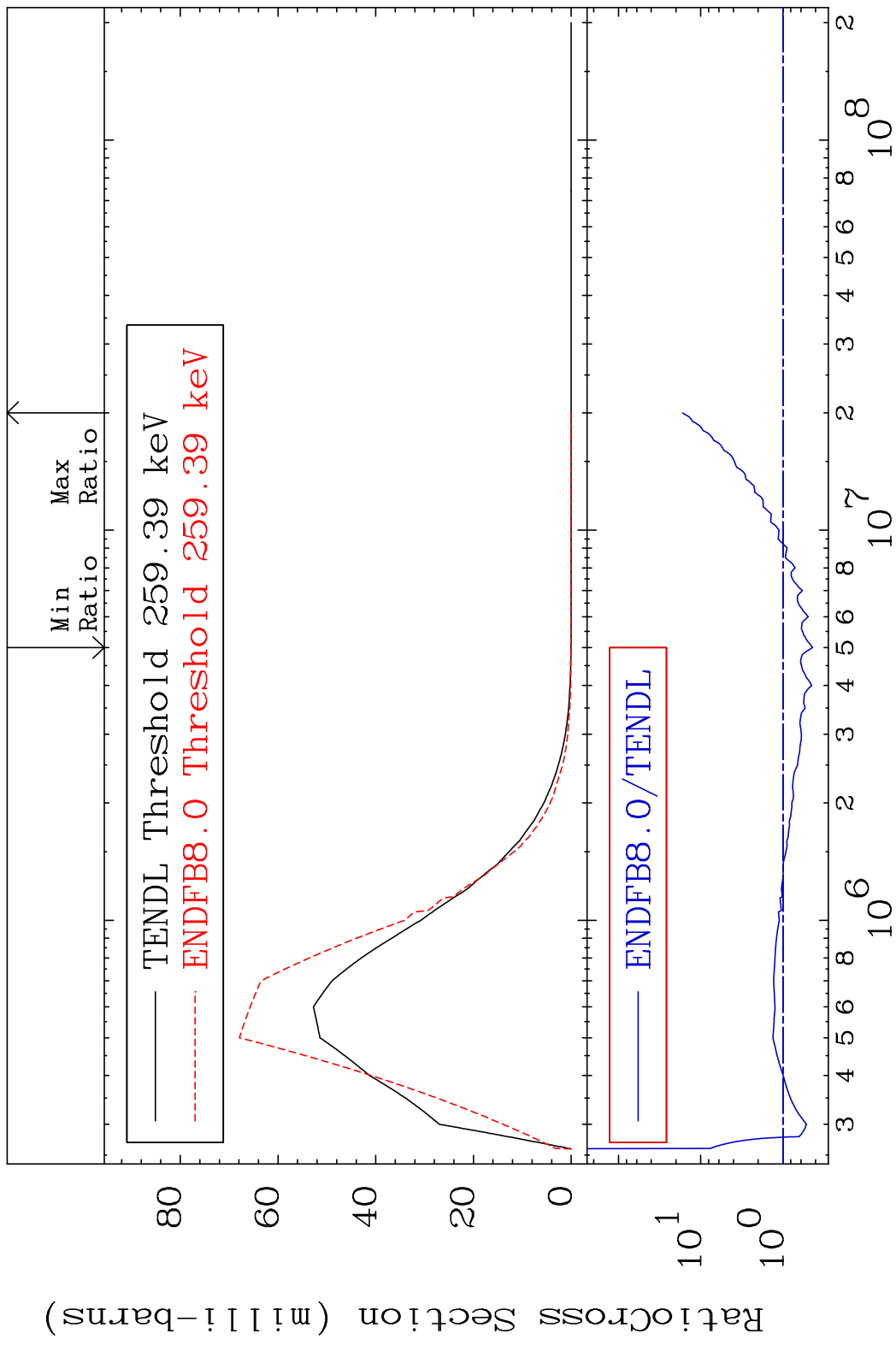
MAT 6729 MT= 57 (n, n') Level 67-Ho-166m
 Cross Section -54.44 To 1617. %



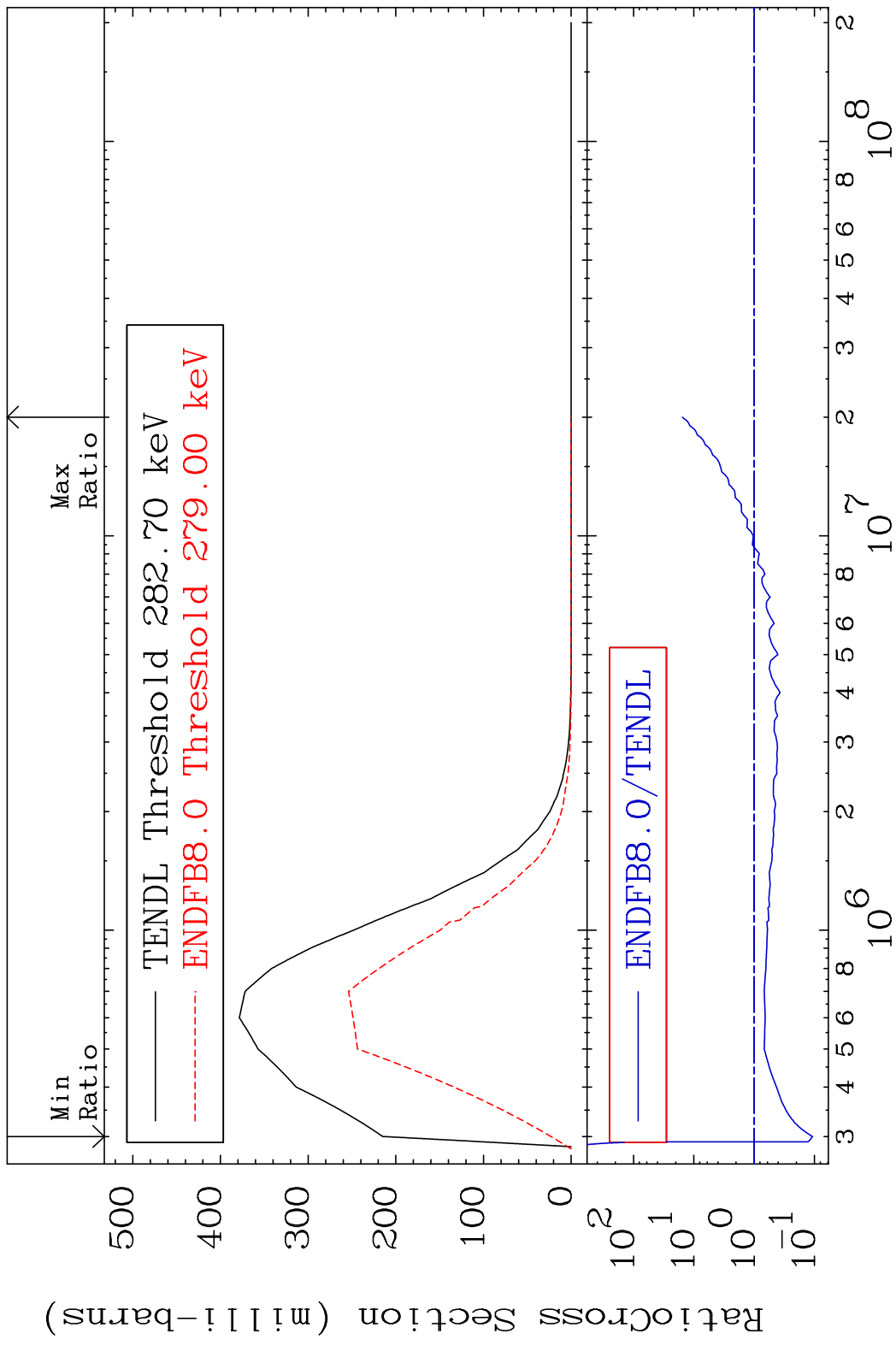
MAT 6729 MT= 58 (n, n') Level 67-Ho-166m
 Cross Section -55.52 To 1596. %



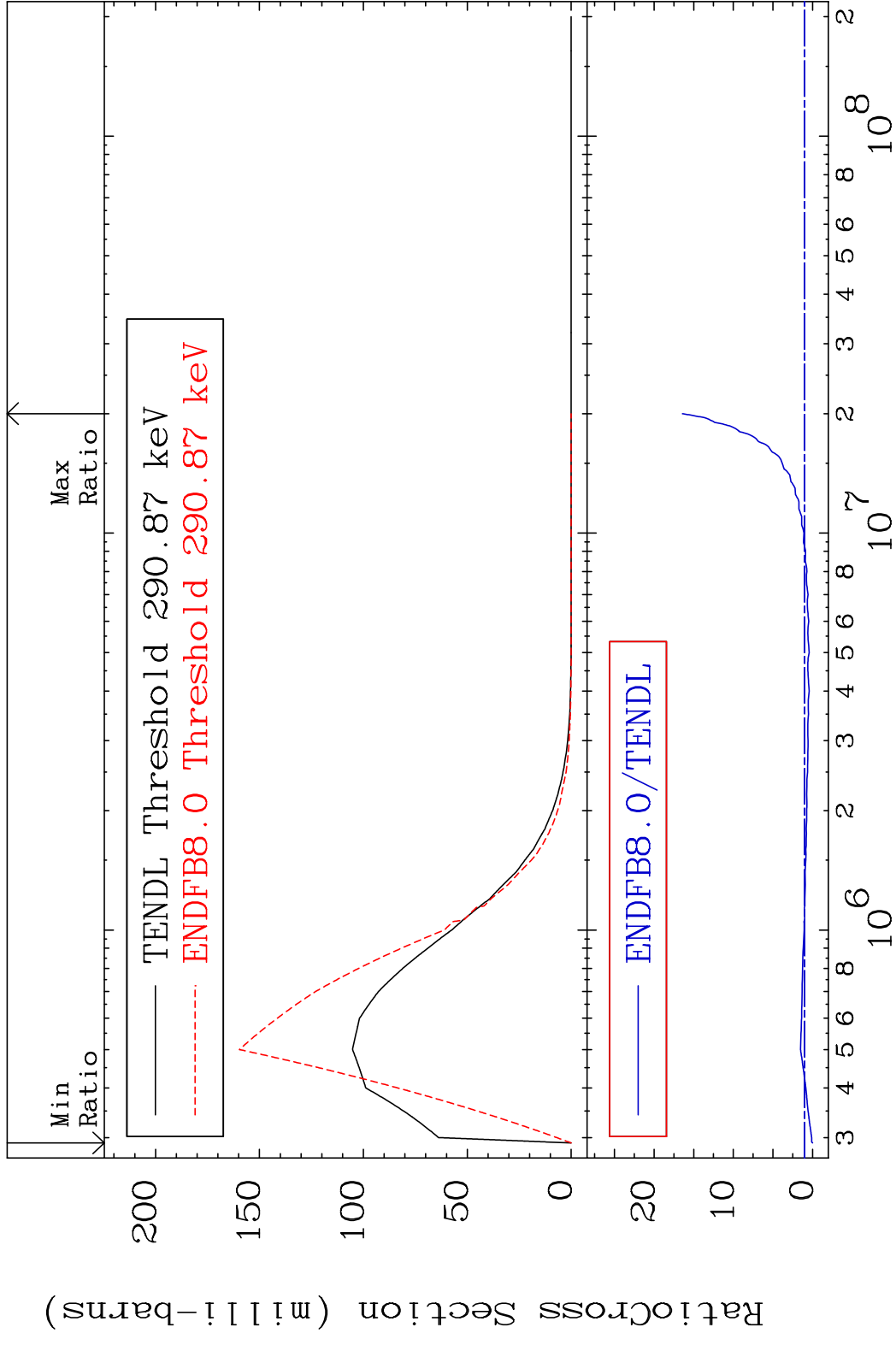
MAT 6729 MT= 59 (n, n') Level 67-Ho-166m
 Cross Section -56.49 To 1570. %



MAT 6729 MT= 60 (n, n') Level 67-Ho-166m
 Cross Section -89.23 To 1451. %

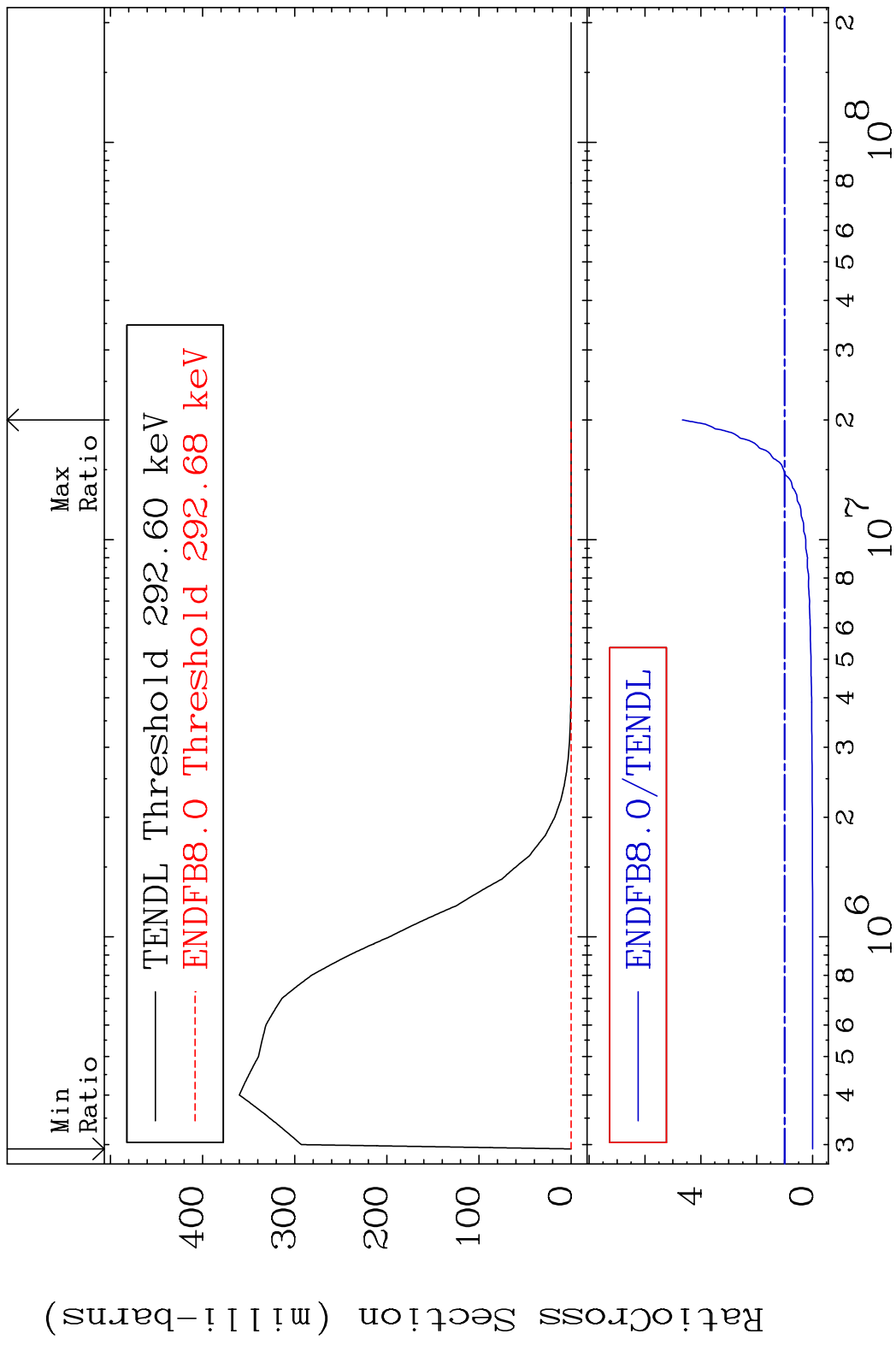


MAT 6729 MT= 61 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 1543. %

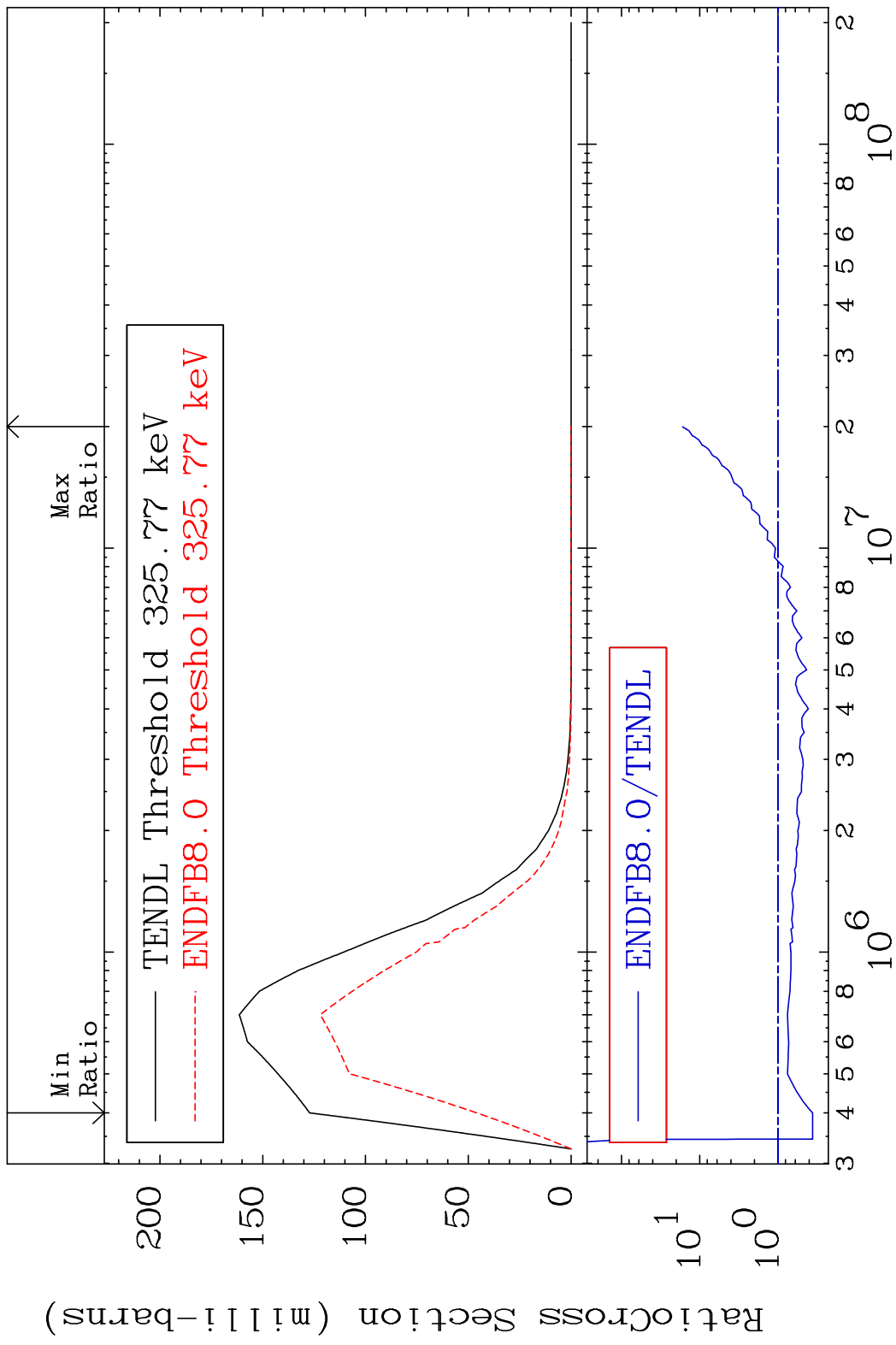


20 Incident Energy (eV) 67-Ho-166m

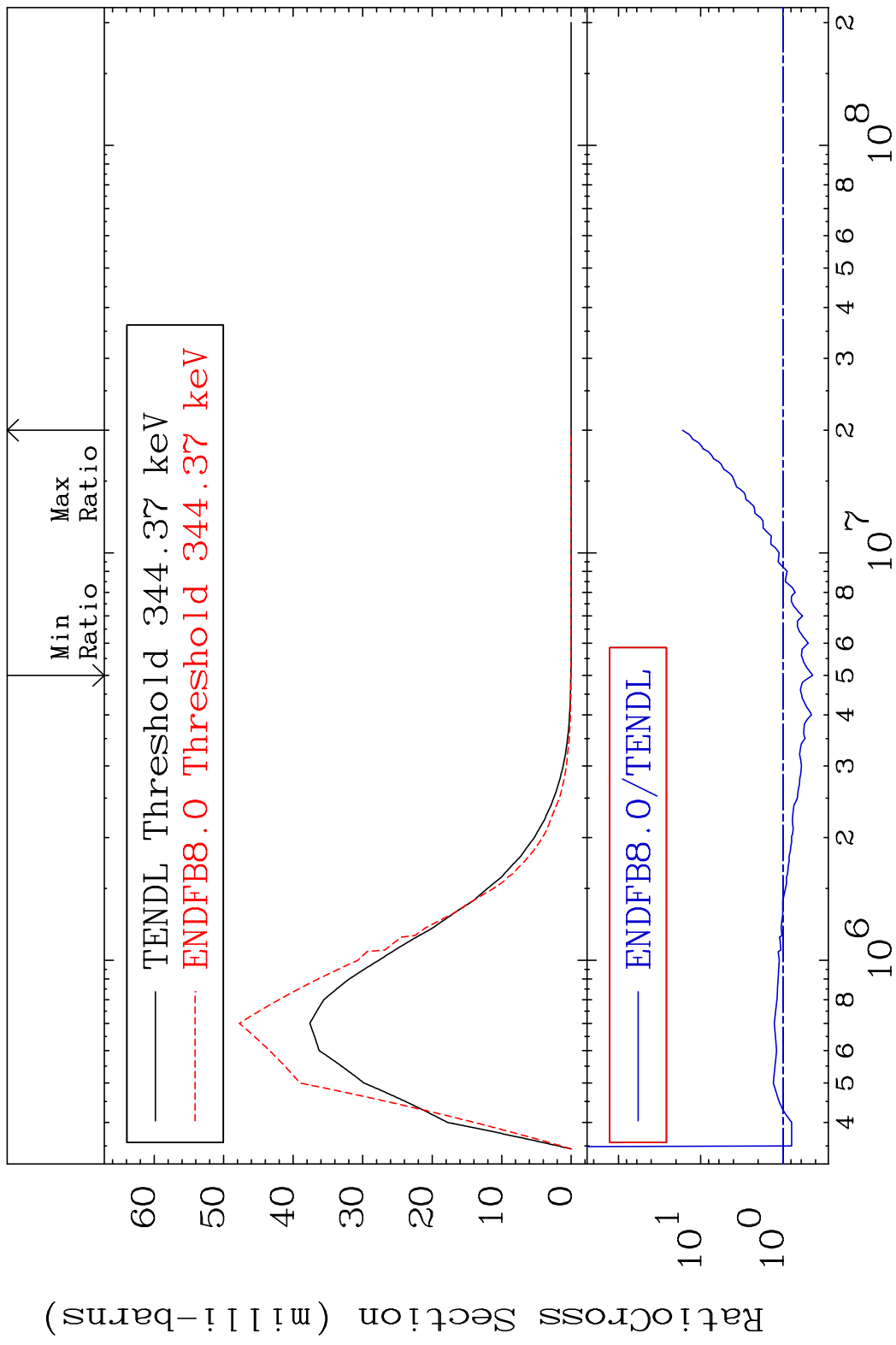
MAT 6729 MT= 62 (n, n') Level 67-Ho-166m
 Cross Section -100.0 To 366.2 %



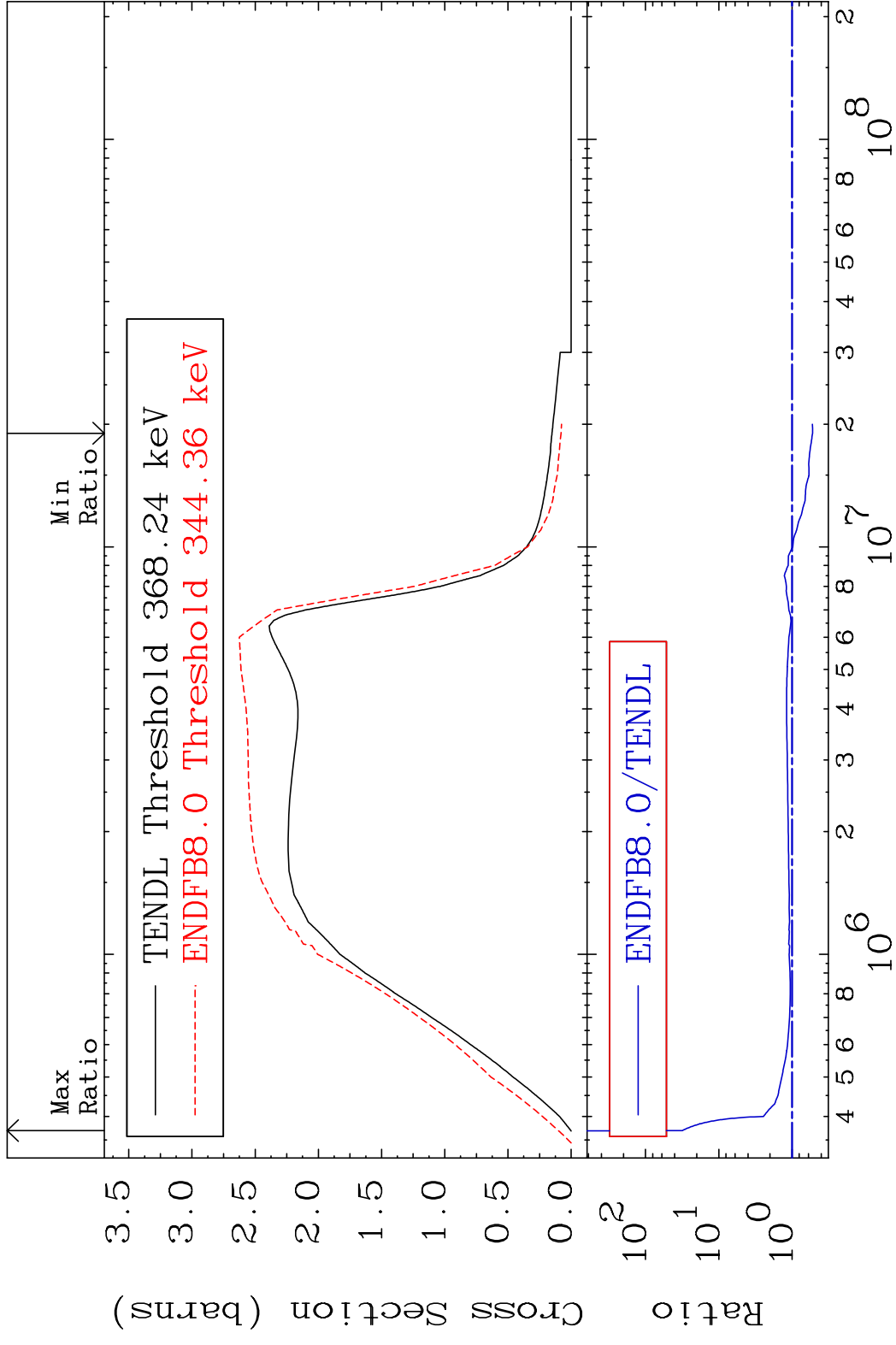
MAT 6729 MT= 63 (n, n') Level 67-Ho-166m
 Cross Section -63.88 To 1569. %



MAT 6729 MT= 64 (n, n') Level 67-Ho-166m
 Cross Section -56.40 To 1571. %



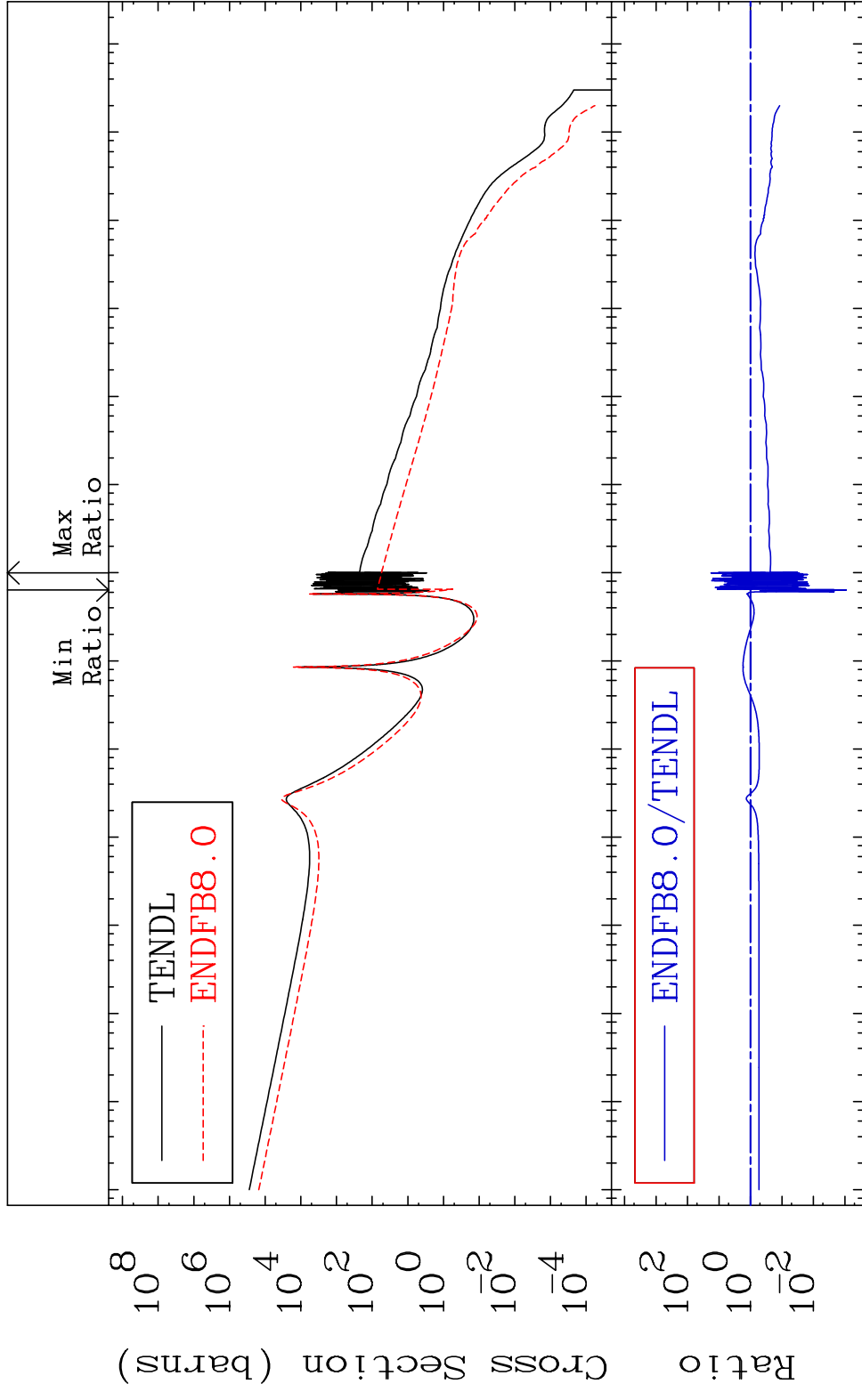
MAT 6729 (n, n') Continuum 67-Ho-166m
 Cross Section -47.37 To 3045. %



MAT 6729

(n, γ)
Cross Section -99.91 To 1740. %

67-Ho-166m



25

Incident Energy (eV)

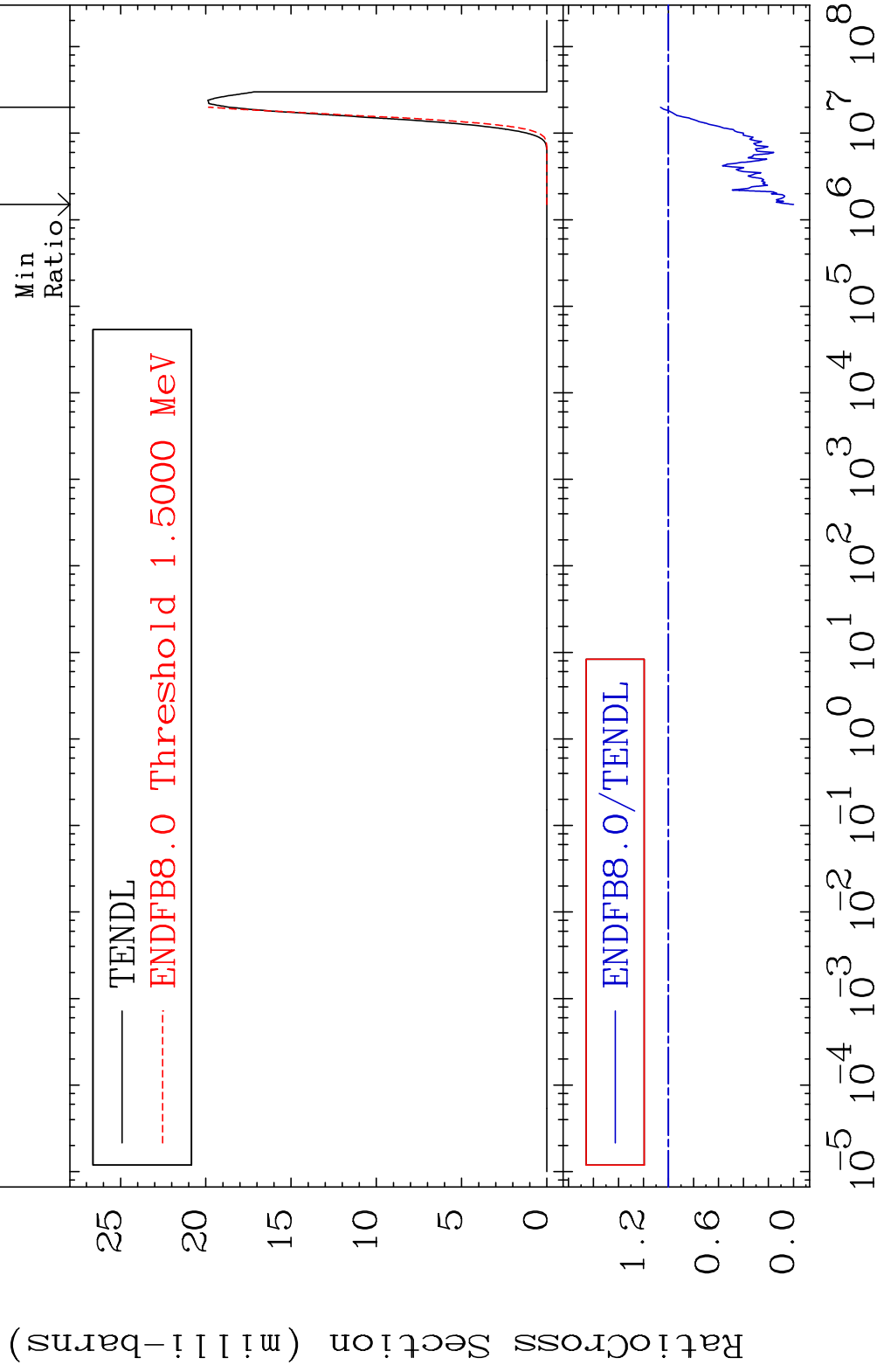
67-Ho-166m

MAT 6729

(n, p)

67-Ho-166m

Cross Section -100.0 To 6.427 %



26

Incident Energy (eV)

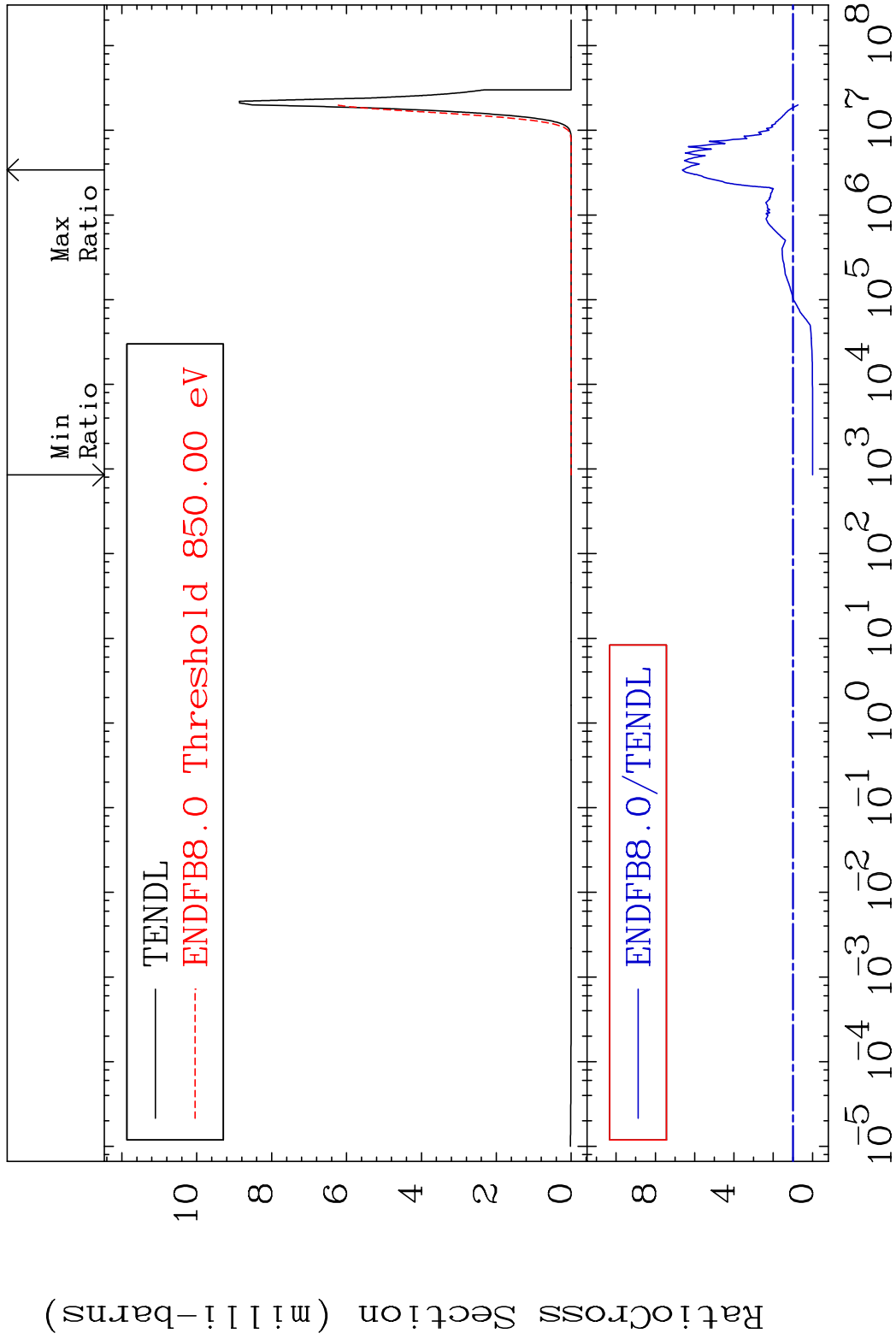
67-Ho-166m

MAT 6729

(n, α)

67-Ho-166m

Cross Section -100.0 To 562.7 %



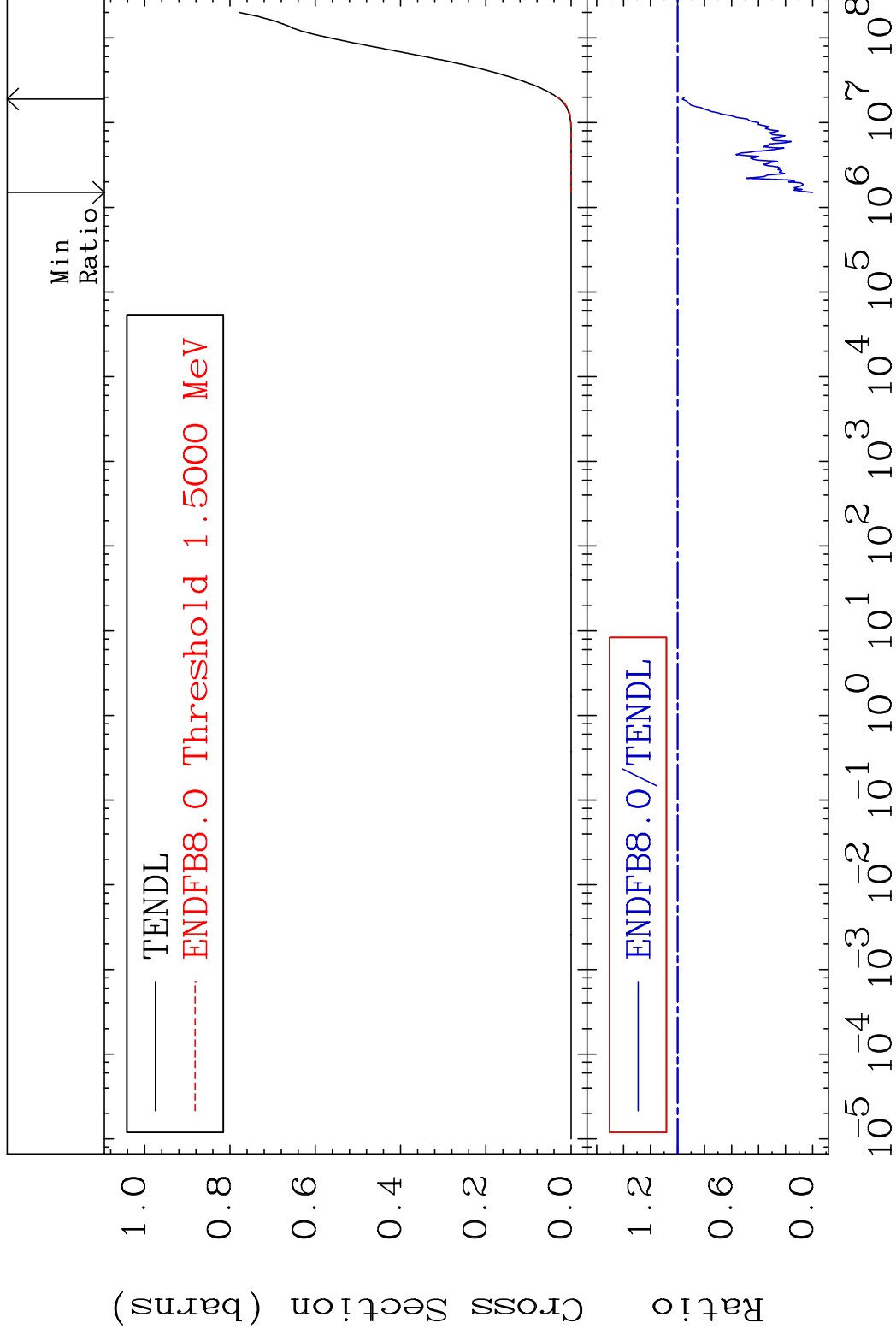
67-Ho-166m

MAT 6729

Hydrogen Production

67-Ho-166m

Cross Section -100.0 To -3.555%



28

Incident Energy (eV)

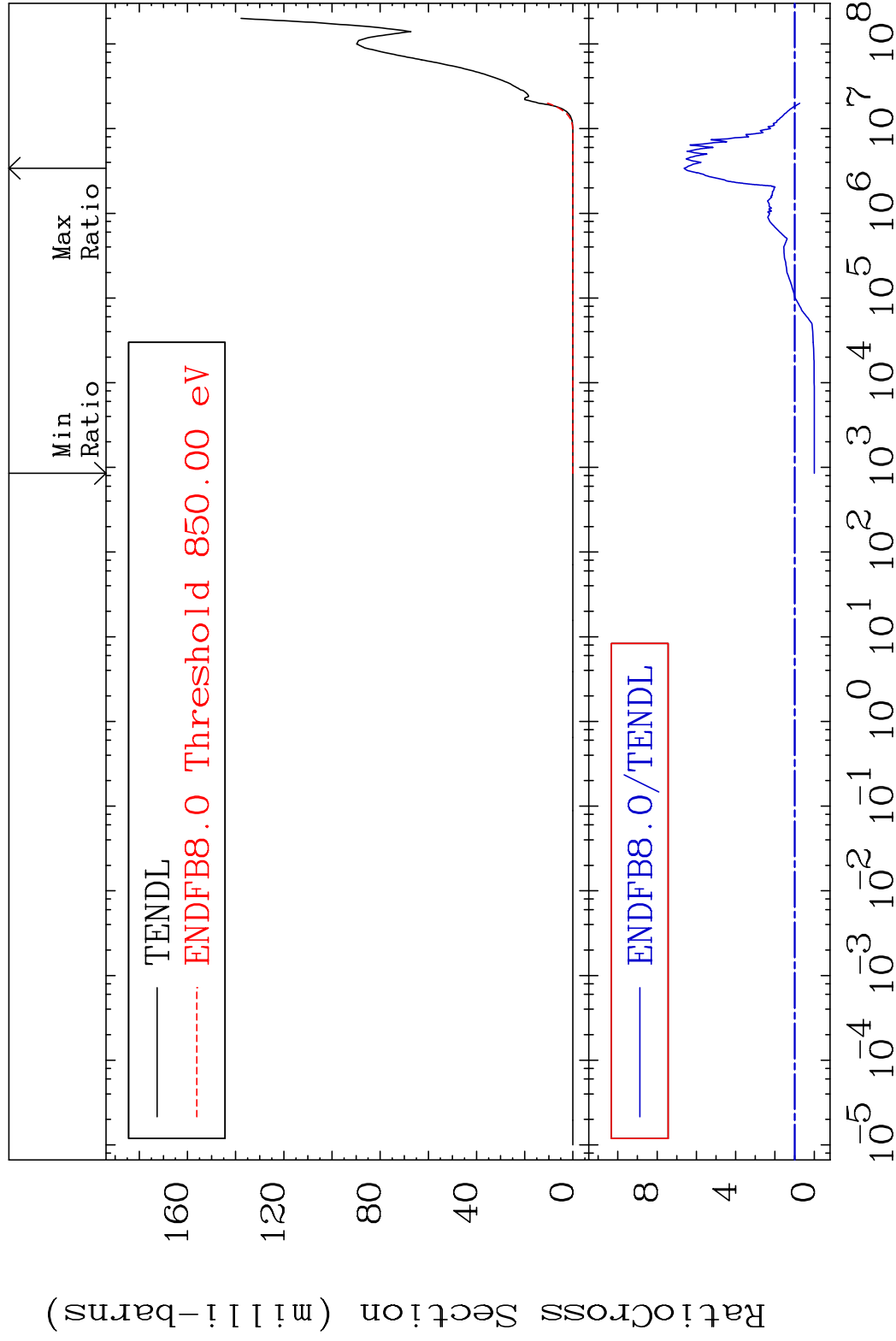
67-Ho-166m

MAT 6729

He-4 Production

67-Ho-166m

Cross Section -100.0 To 562.7 %

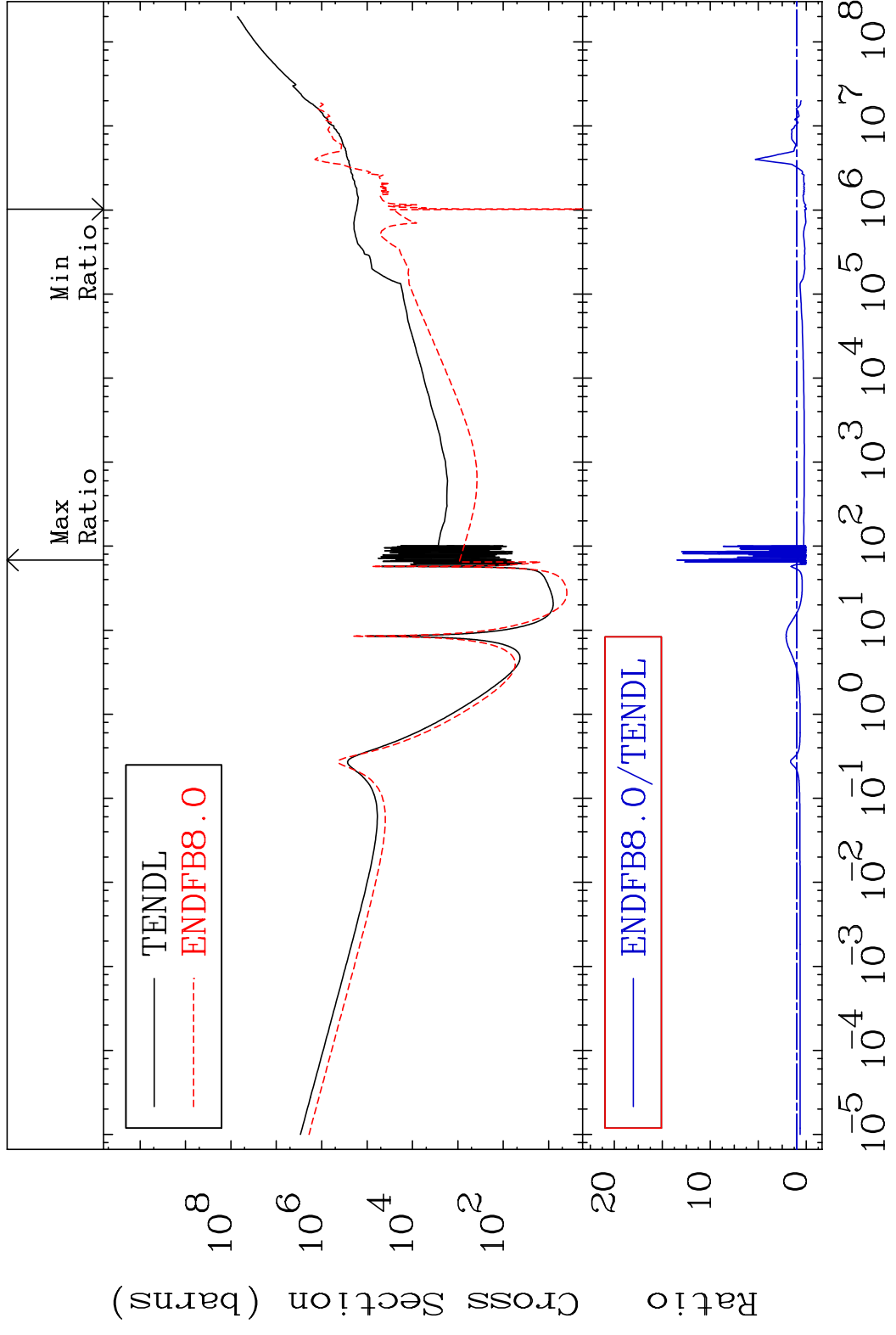


29

Incident Energy (eV)

67-Ho-166m

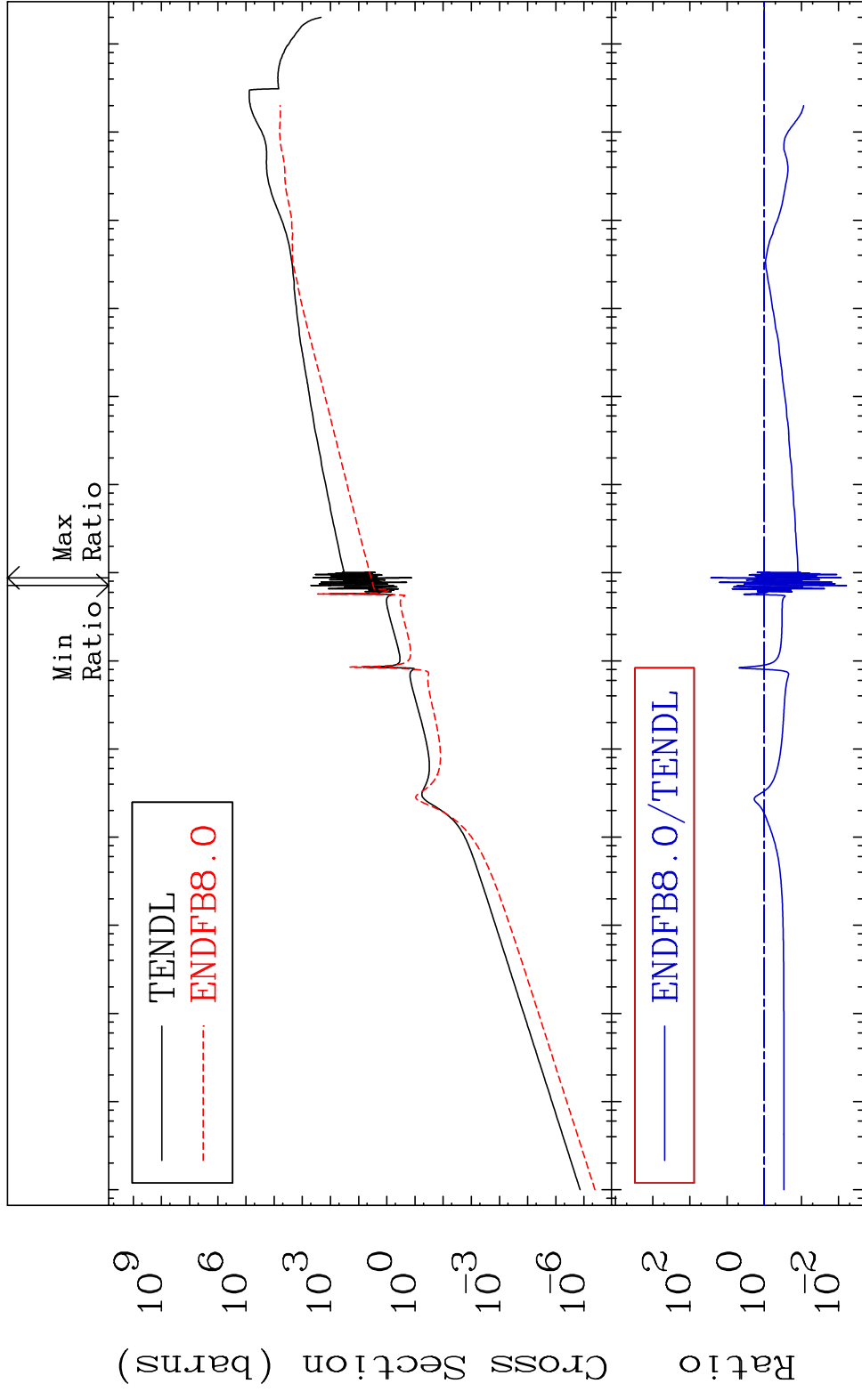
MAT 6729 Kerma total (eV-barns) 67-Ho-166m
 Cross Section -101.3 To 1245. %



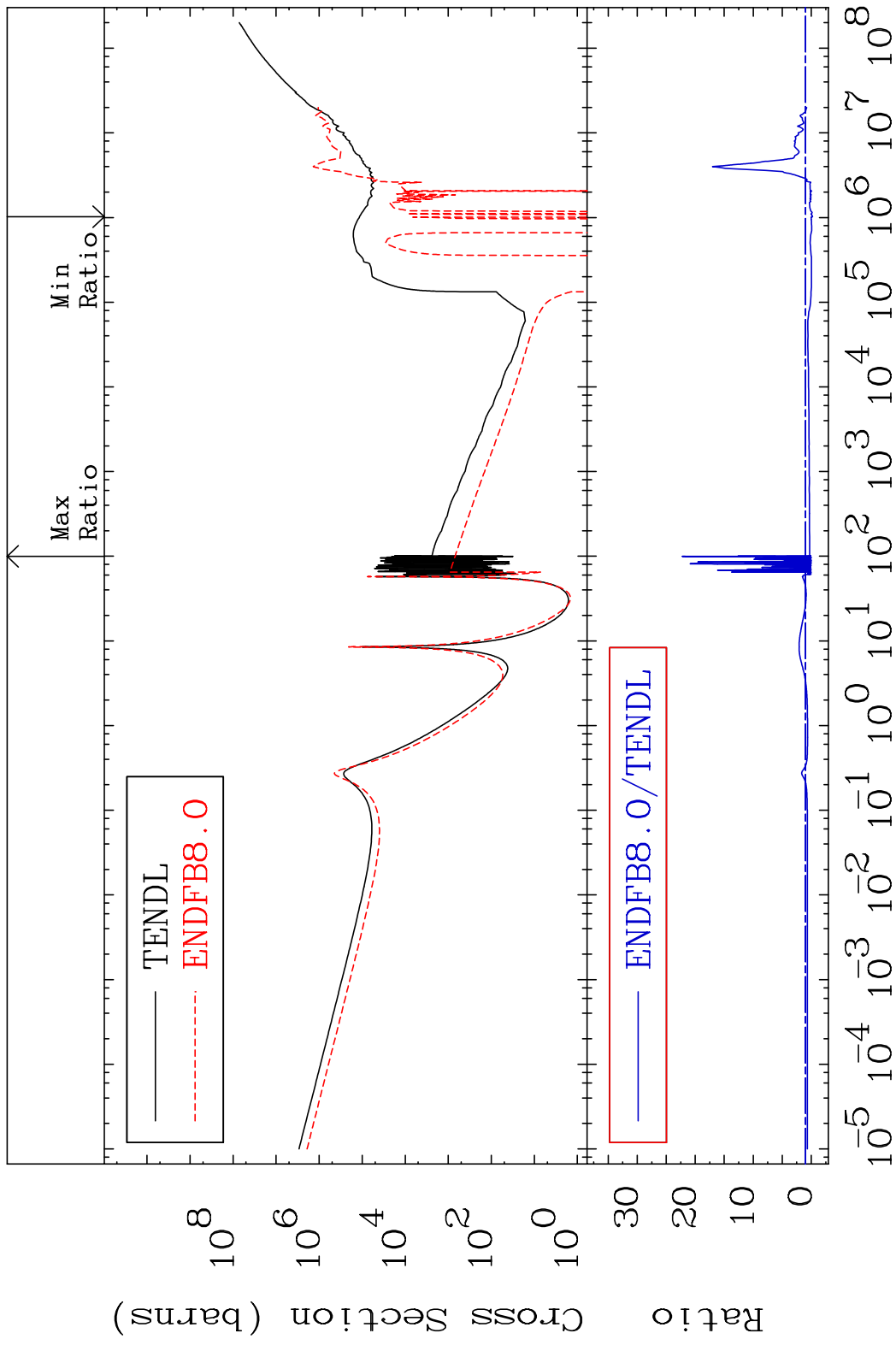
30 Incident Energy (eV) 67-Ho-166m

MAT 6729

Kerma elastic Cross Section -99.38 To 2656. %
67-Ho-166m

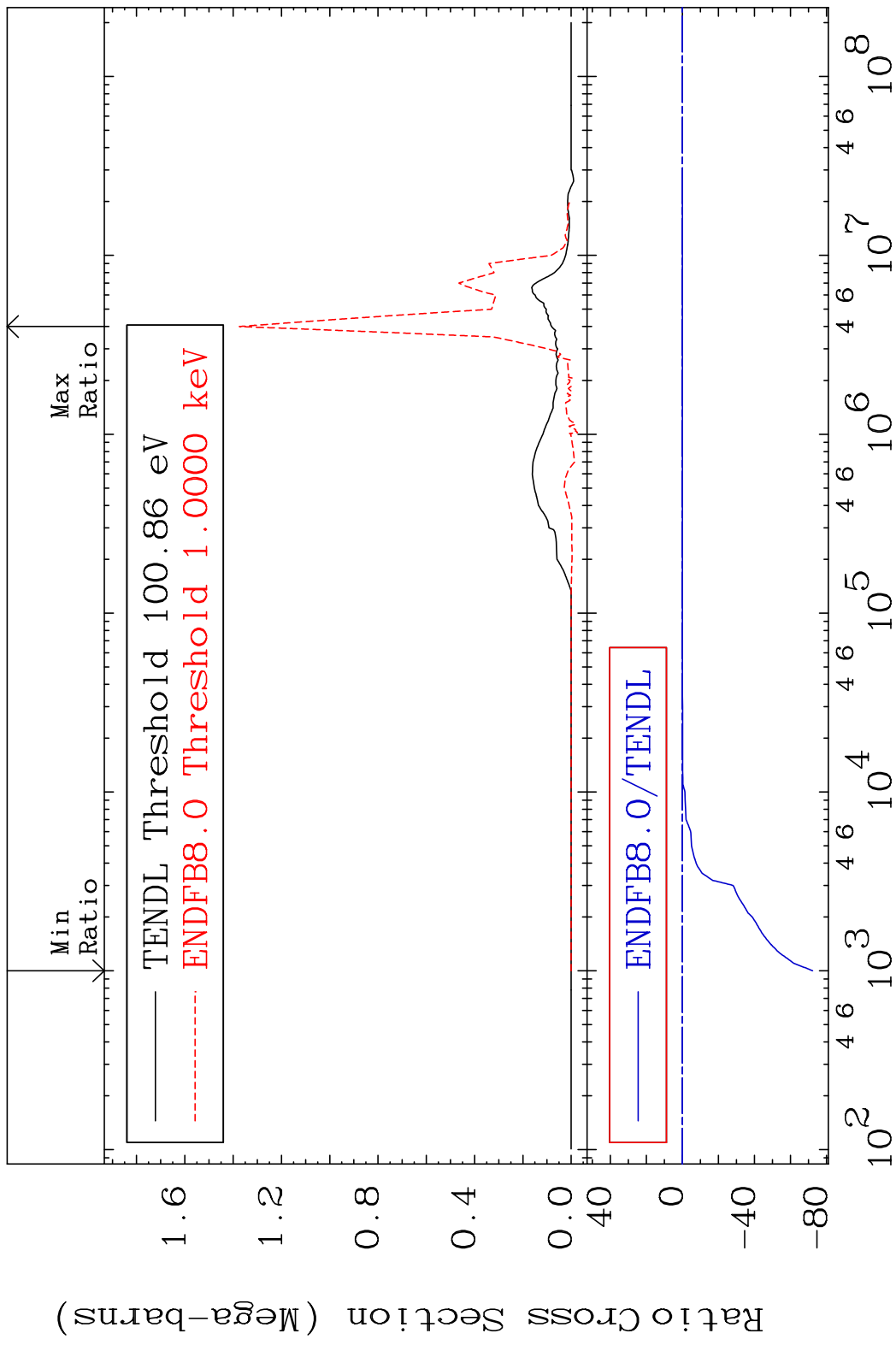


MAT 6729 Kerma non-elastic (all but mt2) 67-Ho-166m
 Cross Section -122.9 To 2122. %



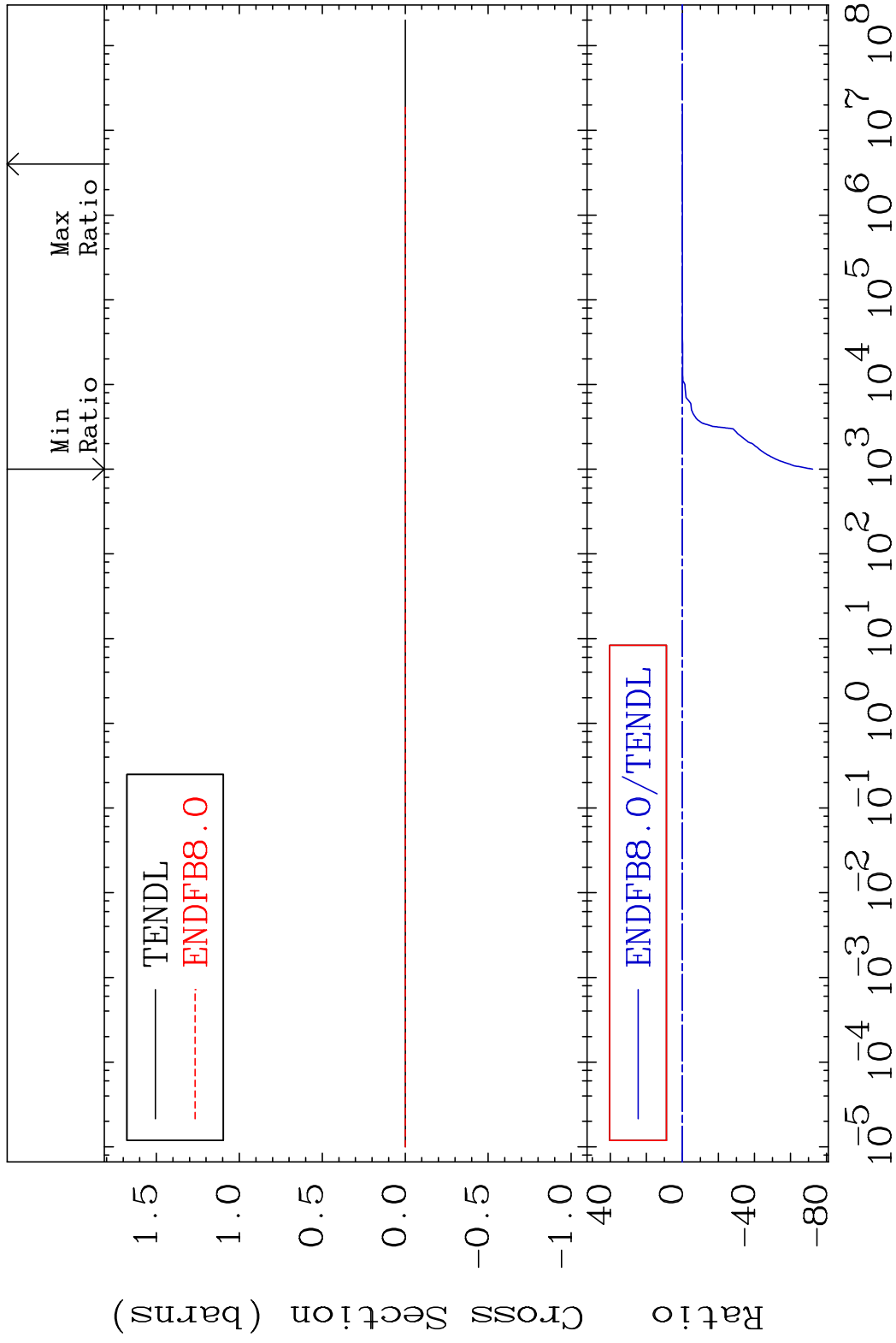
32 Incident Energy (eV) 67-Ho-166m

MAT 6729 Kerma inelastic (mt51-91) 67-Ho-166m
 Cross Section -9999. To 1602. %



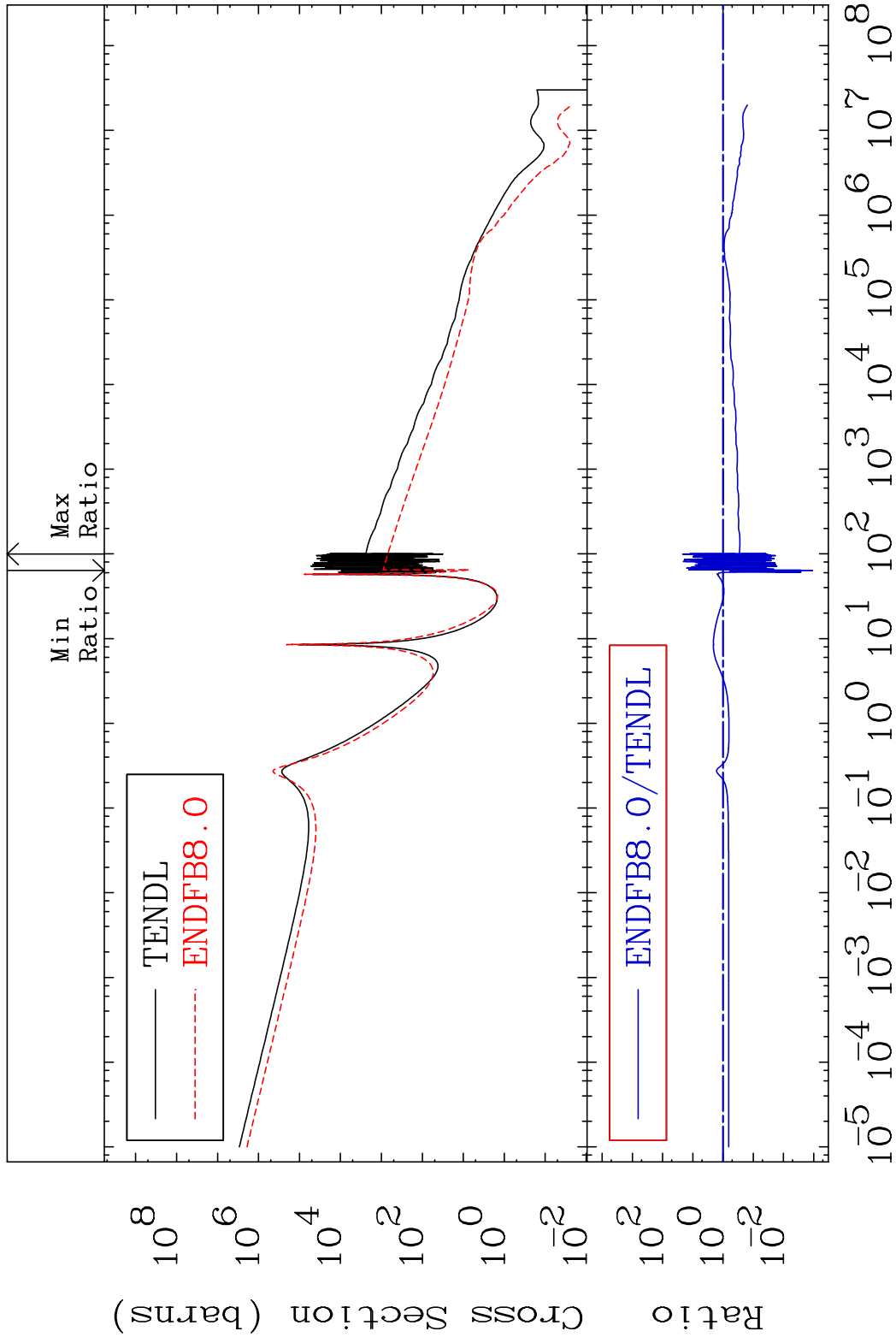
33 67-Ho-166m

MAT 6729 Kerma fission (mt18 or mt19-20-21-36) Ho-166m
 Cross Section -9999. To 1602. %



MAT 6729

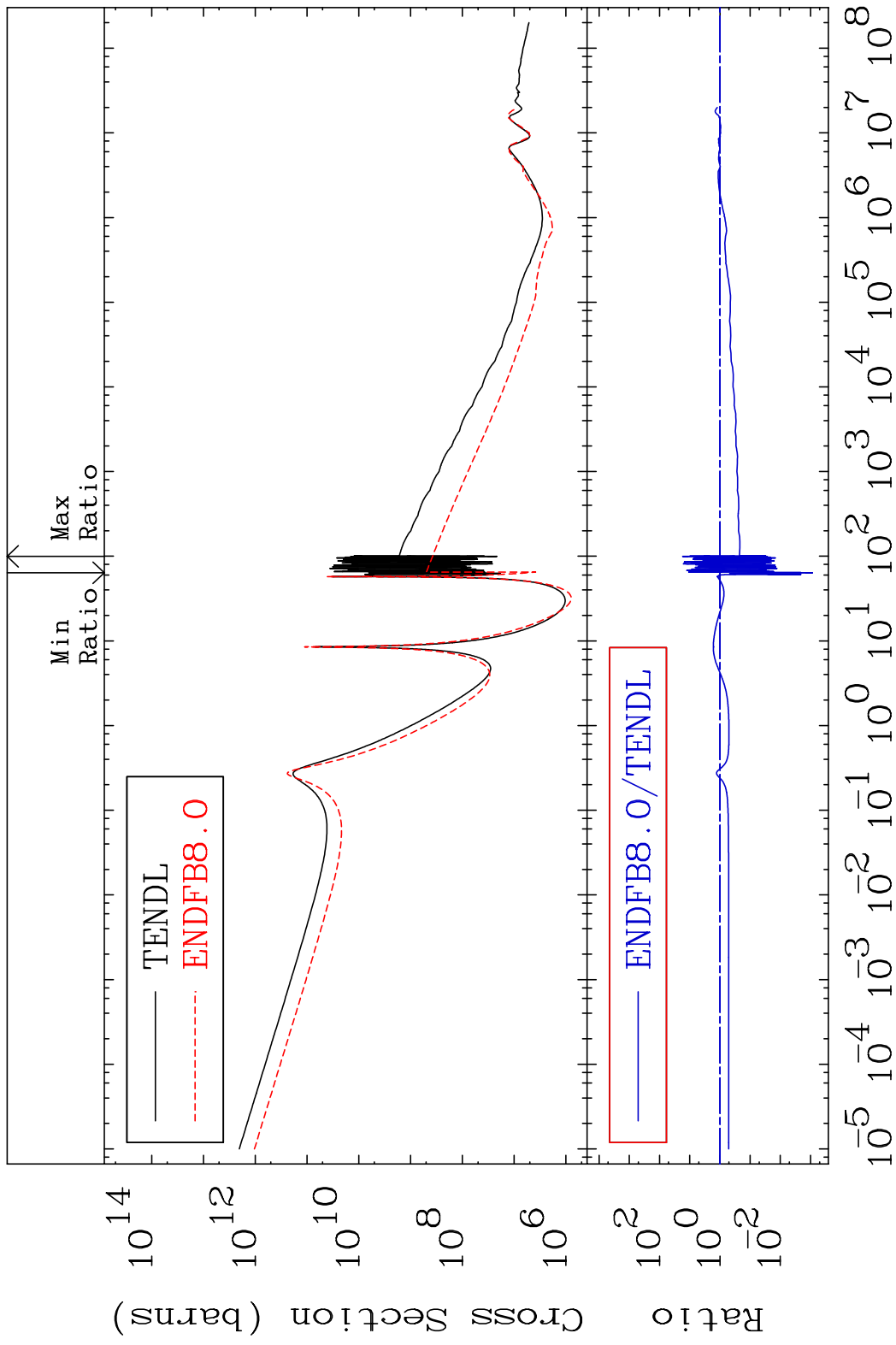
Kerma capture (mt102) 67-Ho-166m
Cross Section -99.89 To 2126. %



35

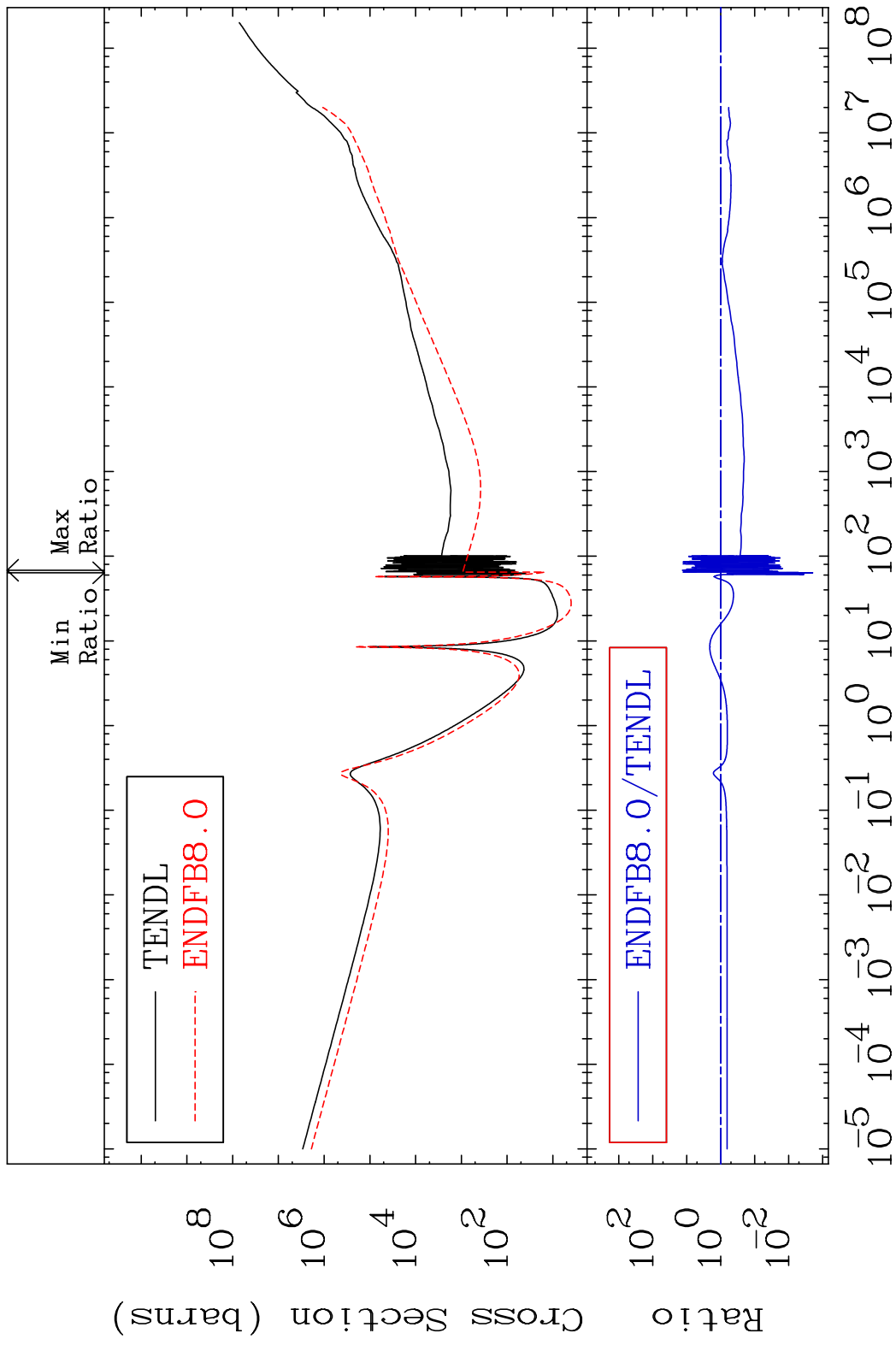
Incident Energy (eV) 67-Ho-166m

MAT 6729 Total photon (eV-barns) 67-Ho-166m
 Cross Section -99.91 To 1649. %

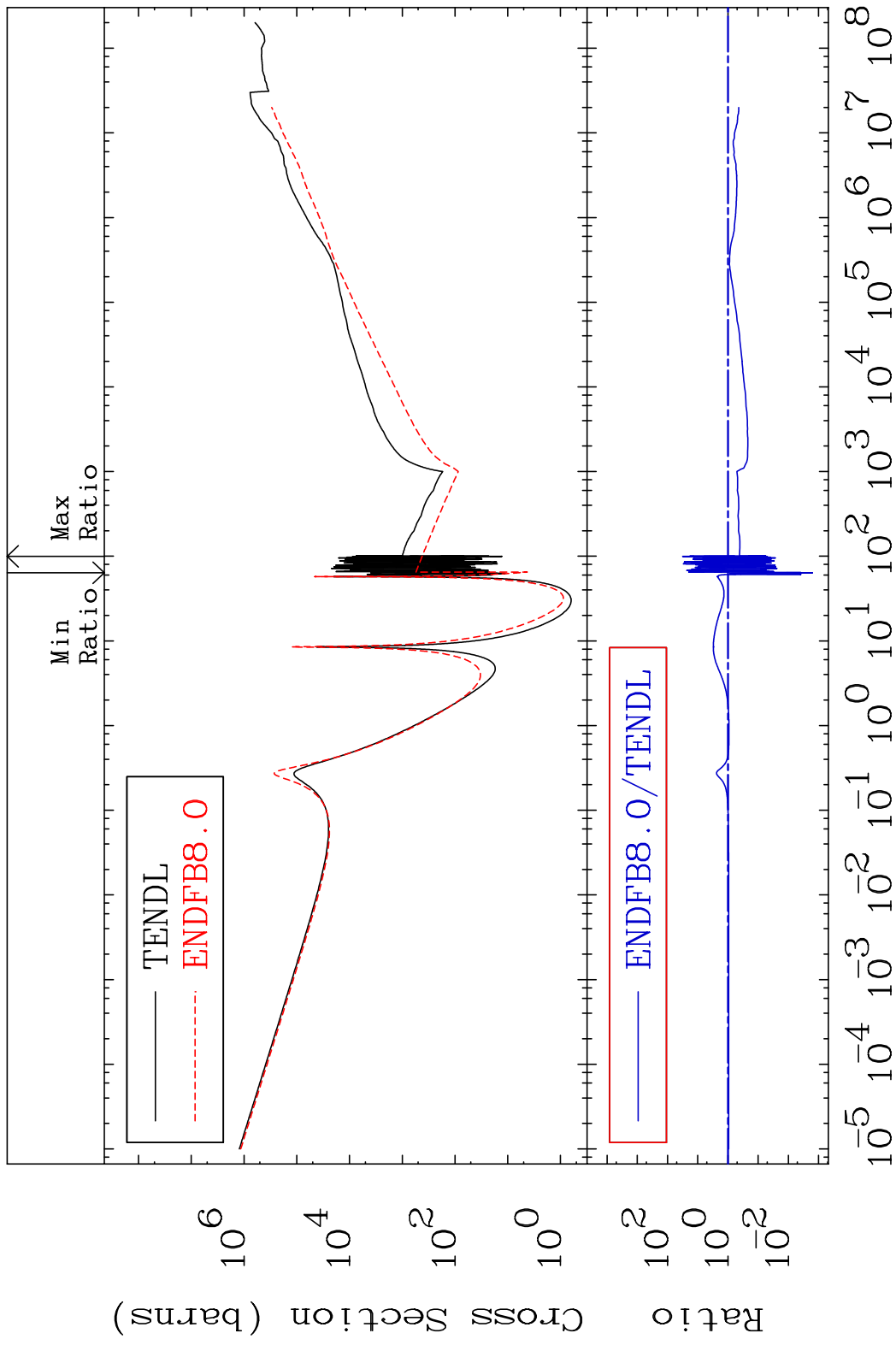


36 Incident Energy (eV) 67-Ho-166m

MAT 6729 Total kinematic kerma (high limit)67-Ho-166m
 Cross Section -99.80 To 1245. %



MAT 6729 Dpa total (eV-barns) 67-Ho-166m
 Cross Section -99.84 To 3121. %

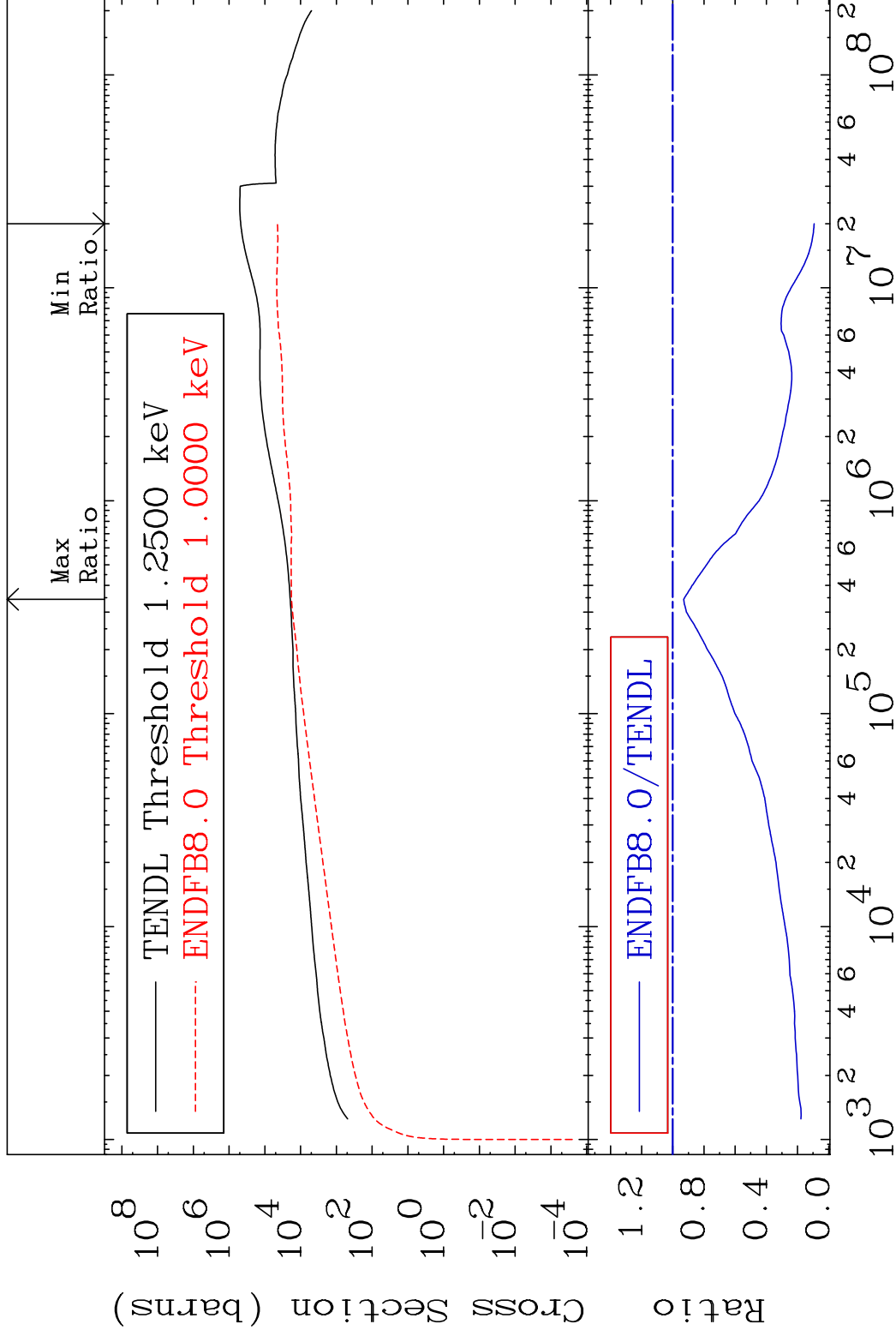


MAT 6729

Dpa elastic (mt2)

67-Ho-166m

Cross Section -90.65 To -6.954%

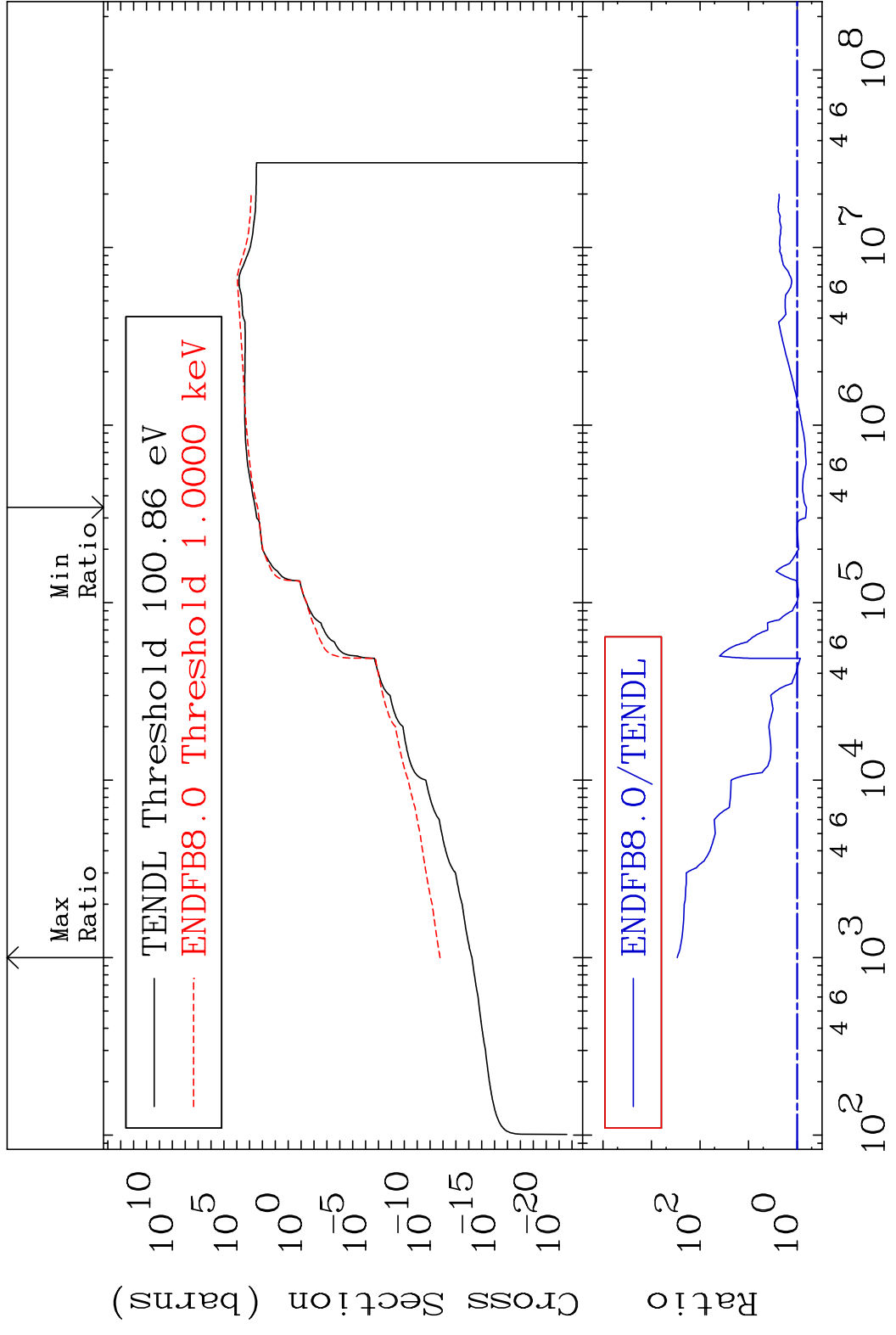


39

Incident Energy (eV)

67-Ho-166m

MAT 6729 Dpa inelastic (mt51-91) 67-Ho-166m
 Cross Section -35.62 To 9999. %



40 Incident Energy (eV) 67-Ho-166m

MAT 6729 Dpa disappearance (mt102 -120) 67-Ho-166m
 Cross Section -99.84 To 3121. %

