

Program Complot
(Version 2018-1)

by

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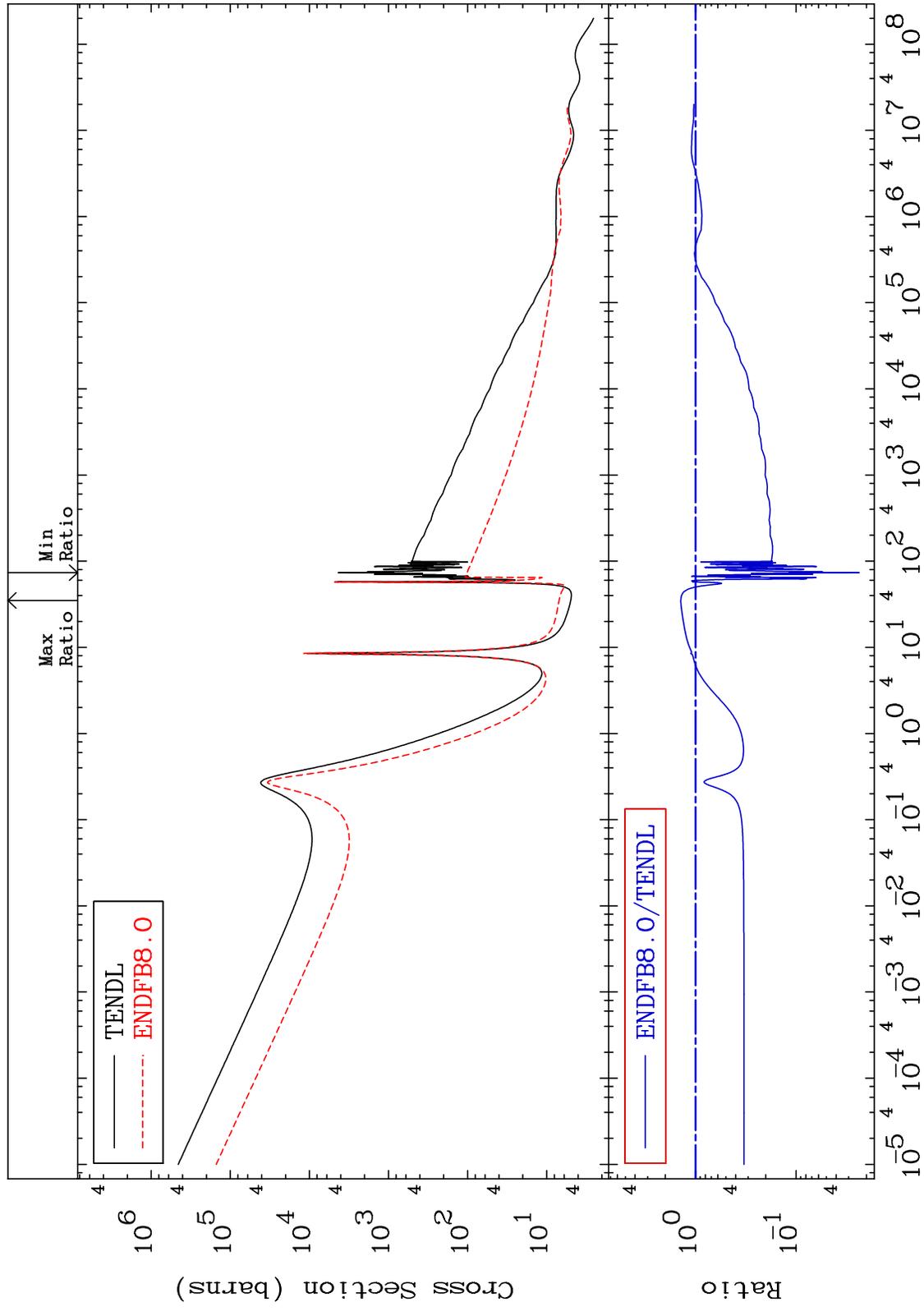
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Press Mouse Button to Start

MAT 6729 67-Ho-166 -97.64 To 40.27 % Total Cross Section

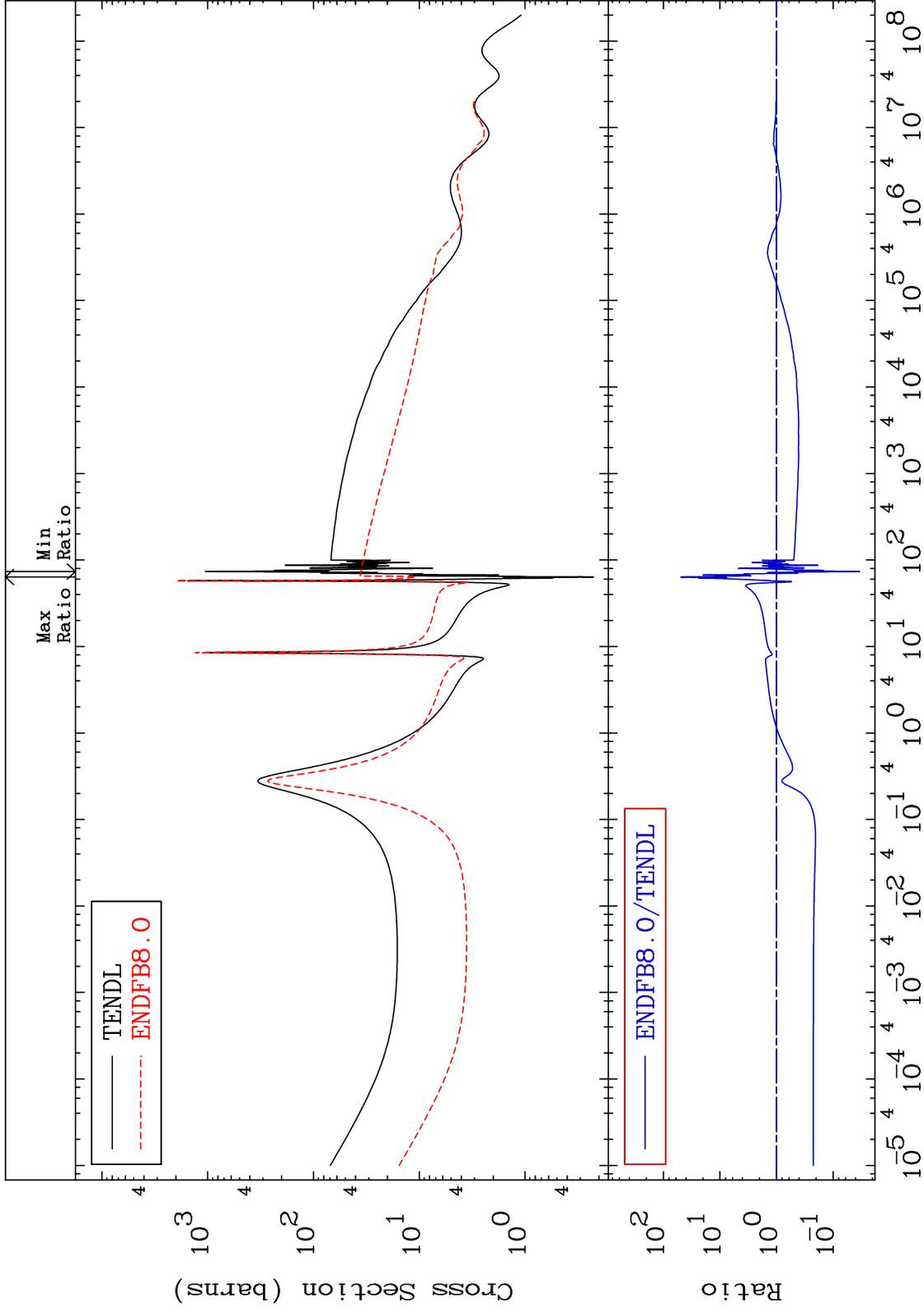


1 Incident Energy (eV) 67-Ho-166

MAT 6729

Elastic
Cross Section

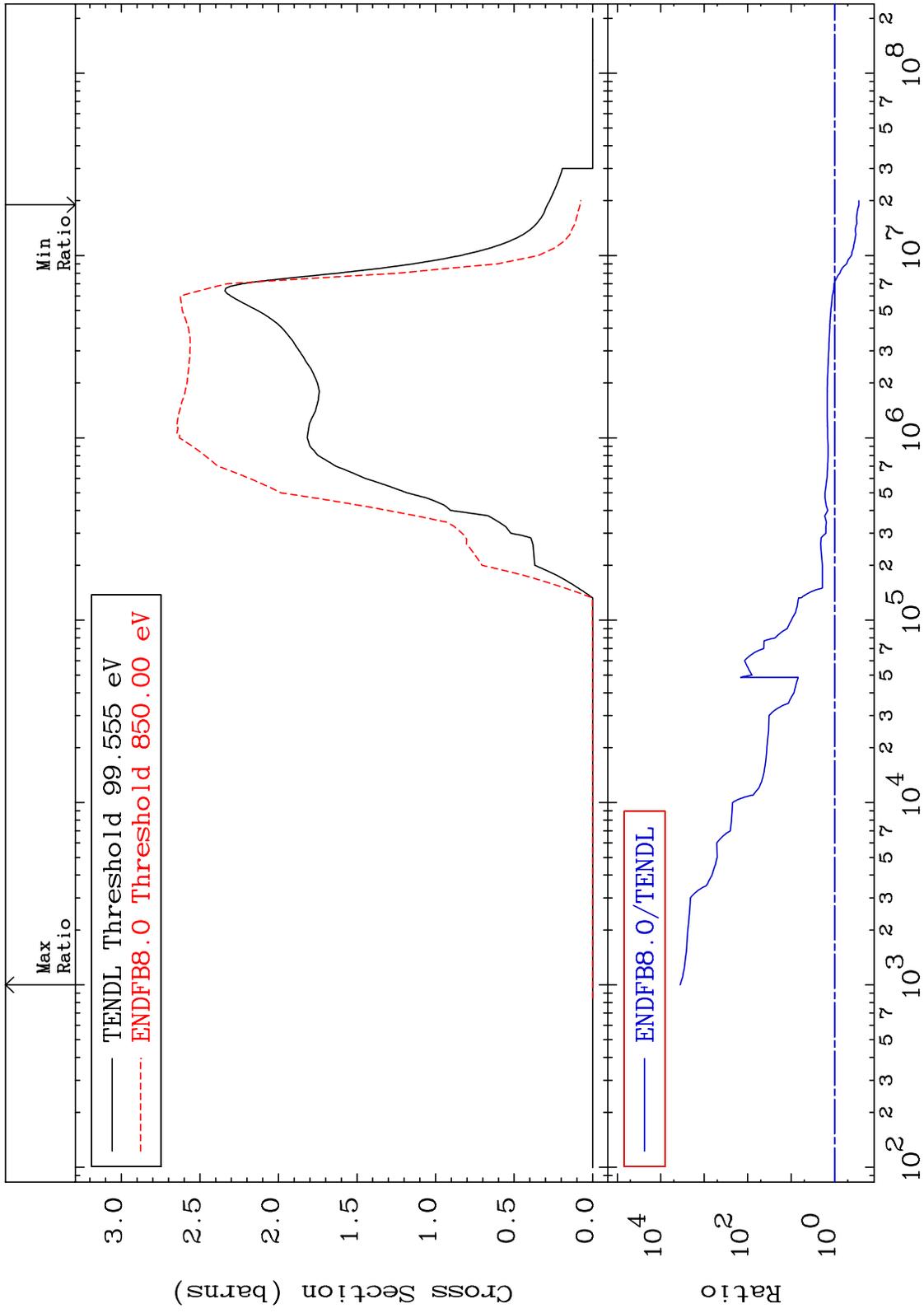
67-Ho-166
-96.62 To 4833. %



MAT 6729

Inelastic
Cross Section

67-Ho-166
-72.29 To 9999. %

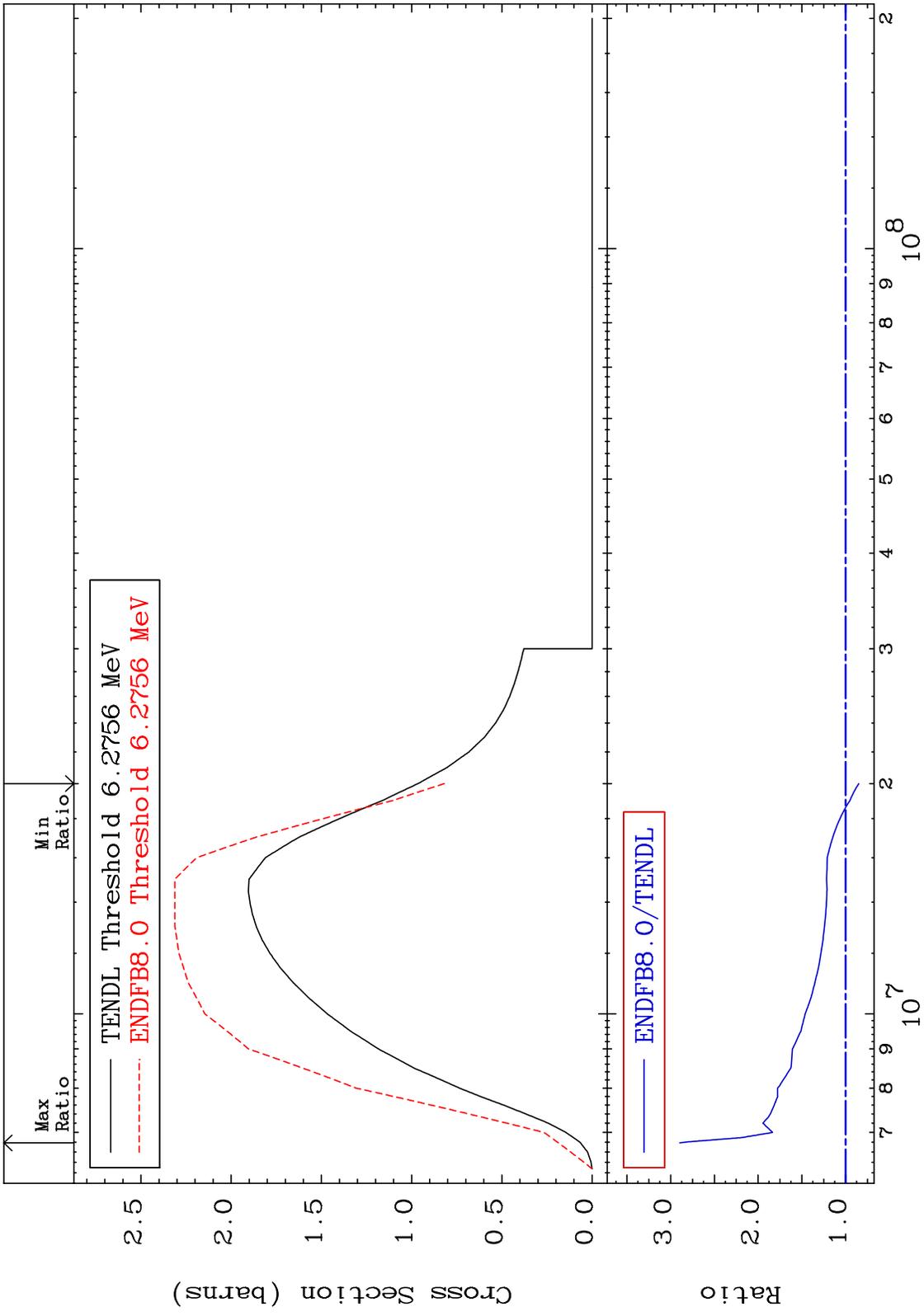


3

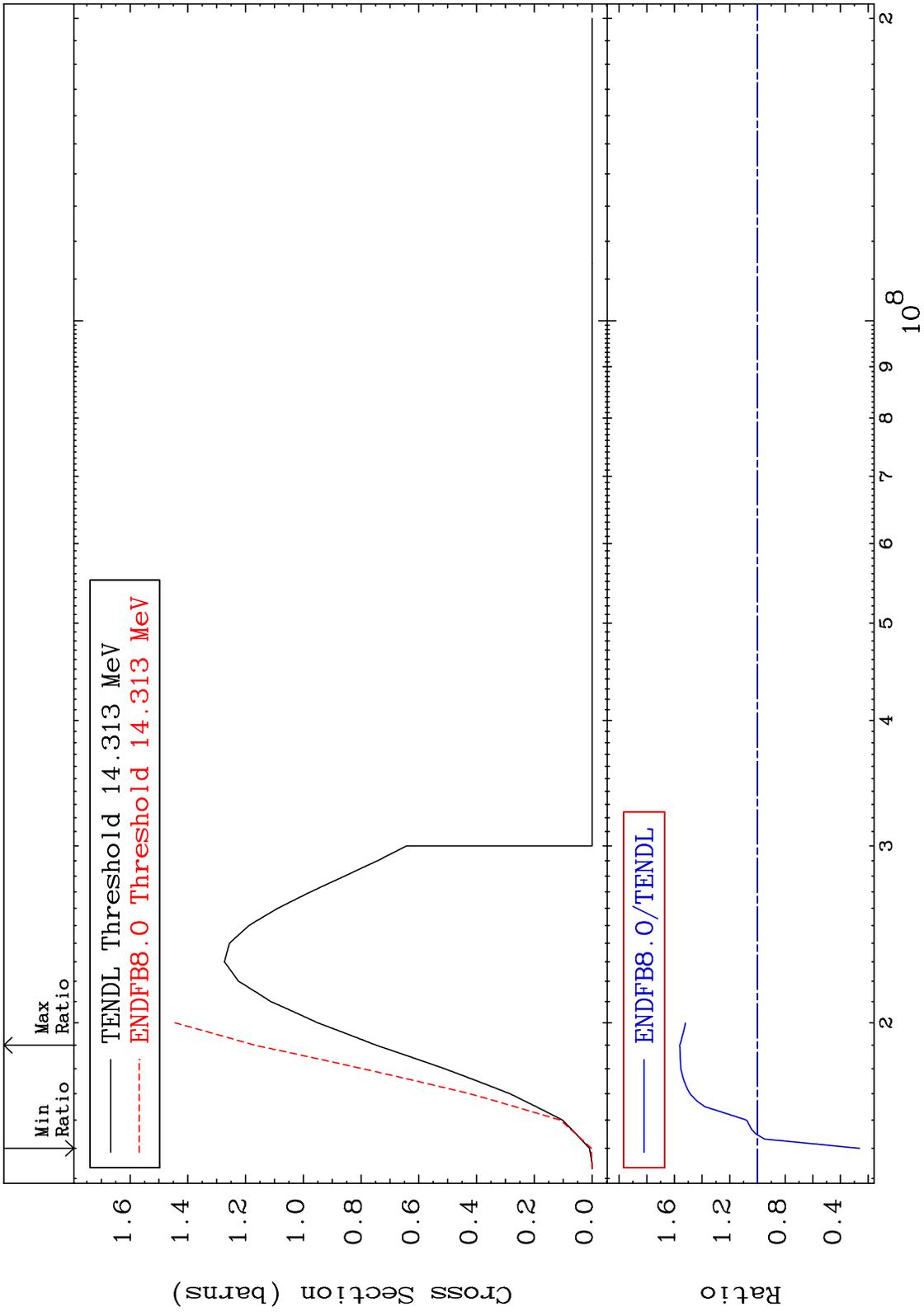
Incident Energy (eV)

67-Ho-166

MAT 6729 (n,2n) Cross Section 67-Ho-166 -15.11 To 189.6 %



MAT 6729 (n,3n) Cross Section 67-Ho-166
 -73.26 To 56.16 %



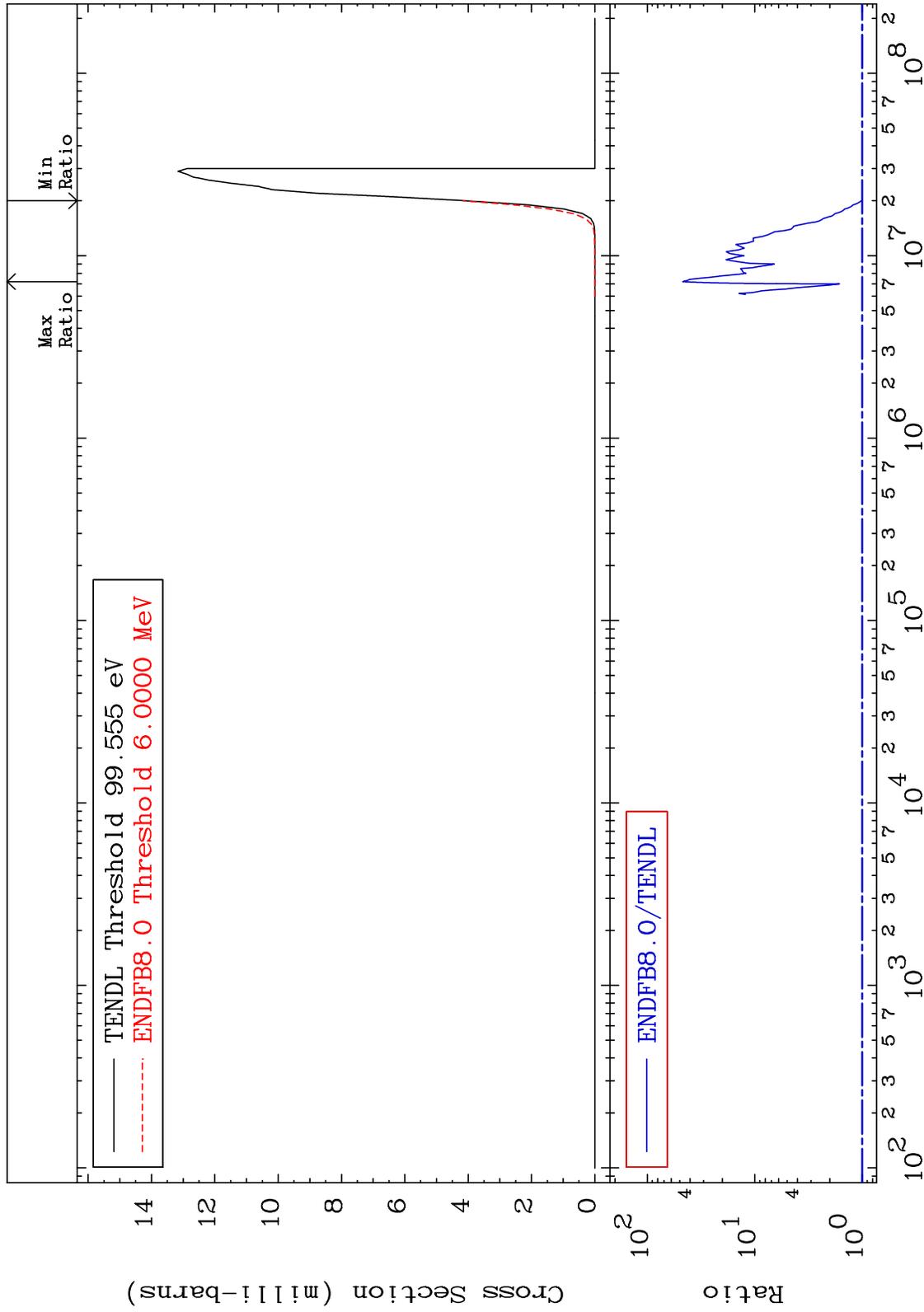
MAT 6729

(n, n') α

67-Ho-166

Cross Section

1.864 To 4614. %

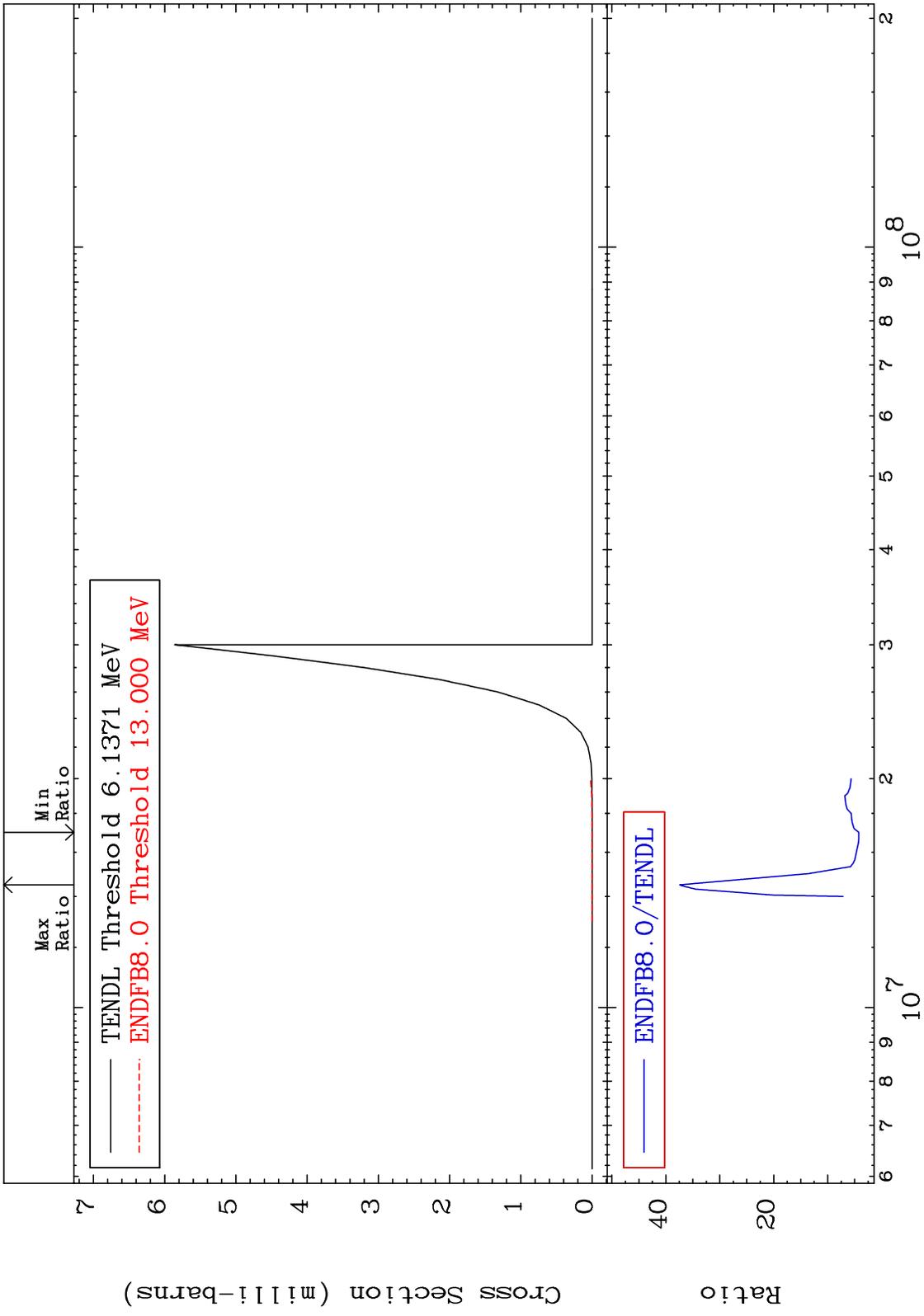


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Incident Energy (eV)

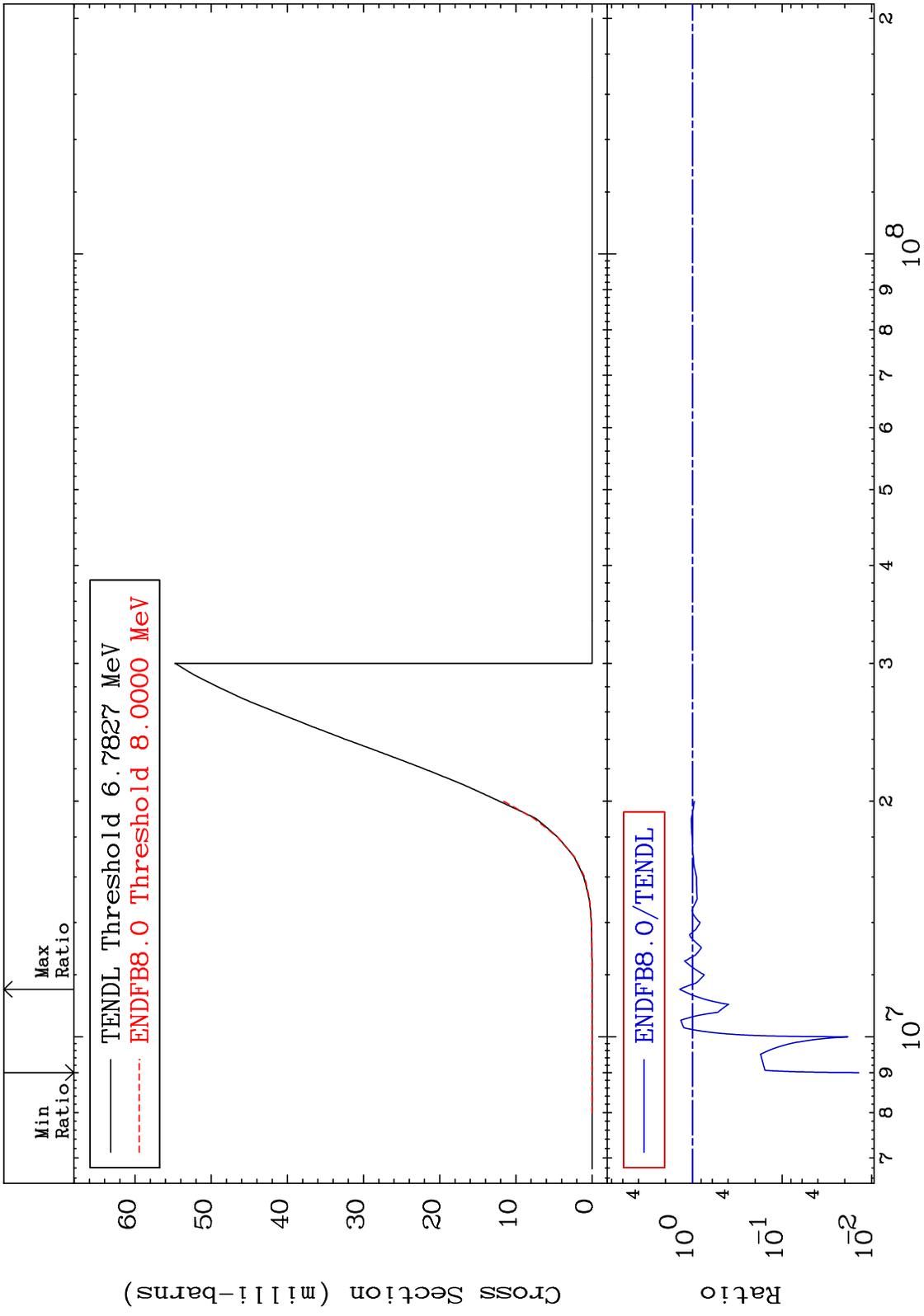
67-Ho-166

MAT 6729 $(n, 2n) \alpha$ $^{67}\text{Ho-166}$ 323.0 To $3642. \%$
 Cross Section

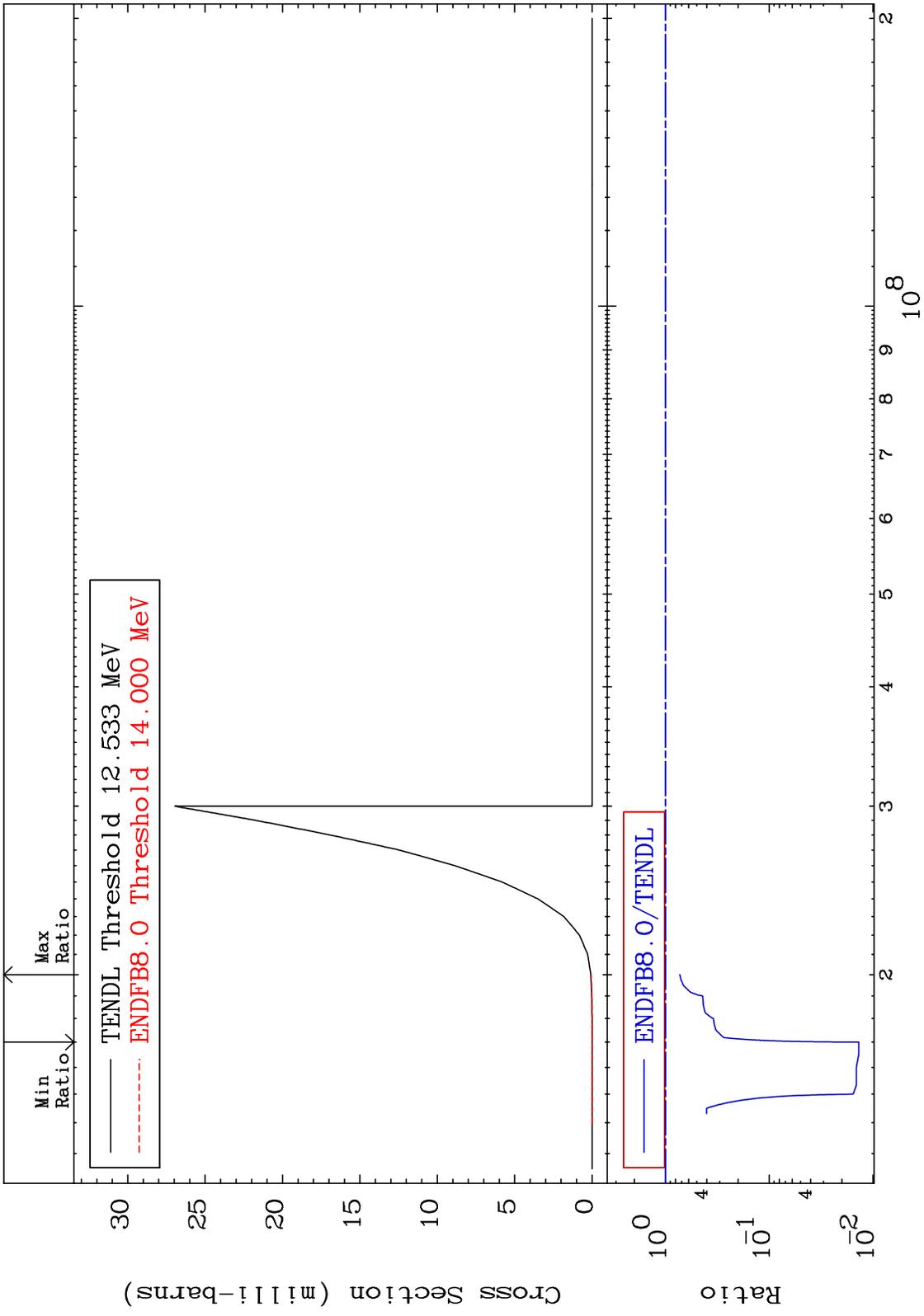


$^{67}\text{Ho-166}$

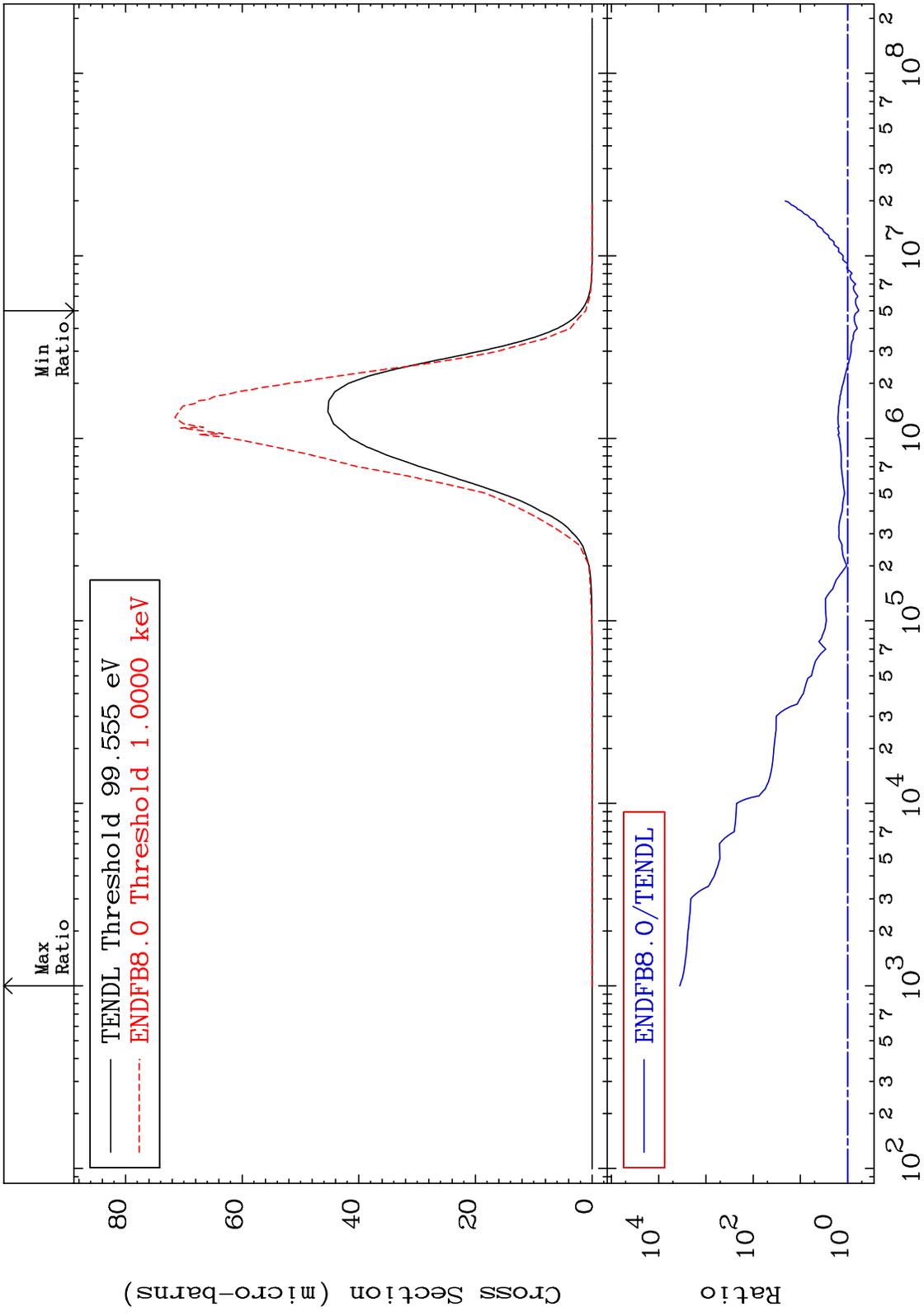
MAT 6729 (n, n') p $^{67}\text{Ho-166}$
 Cross Section -98.61 To 38.79 %



MAT 6729 (n,2n) p 67-Ho-166
 Cross Section -98.63 To -27.04%

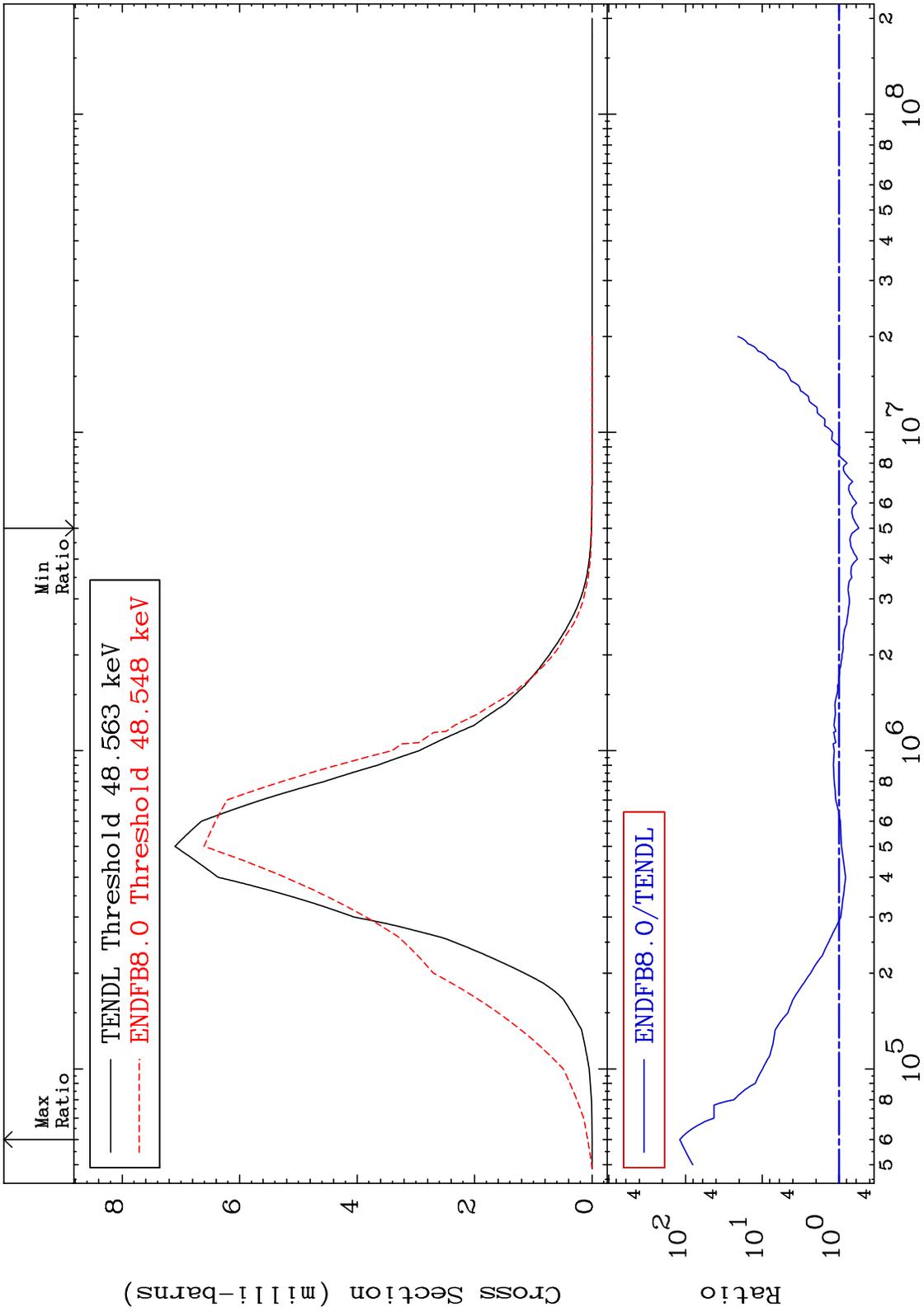


MAT 6729 MT= 51 (n,n') Level 67-Ho-166
 Cross Section -42.04 To 9999. %

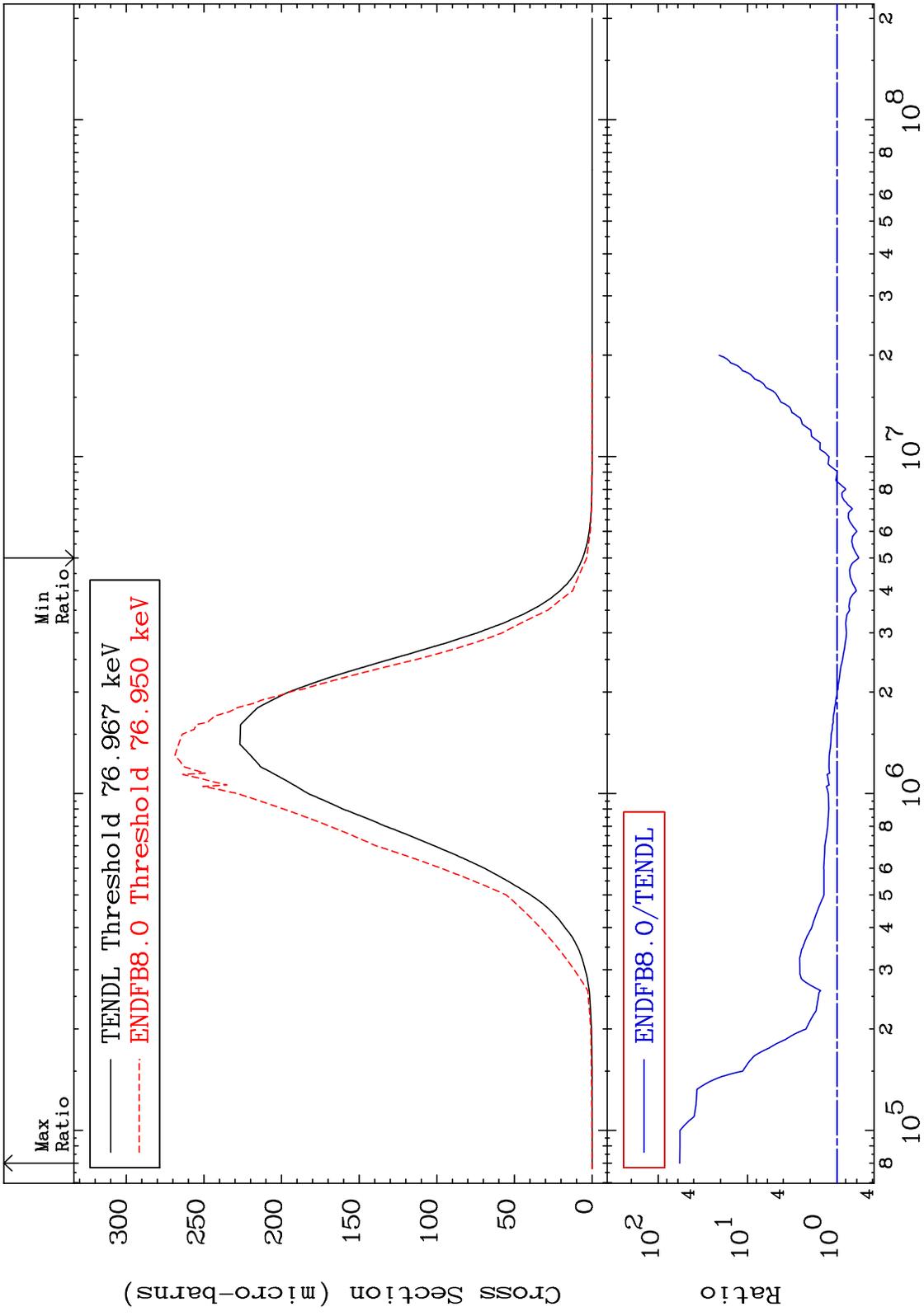


67-Ho-166

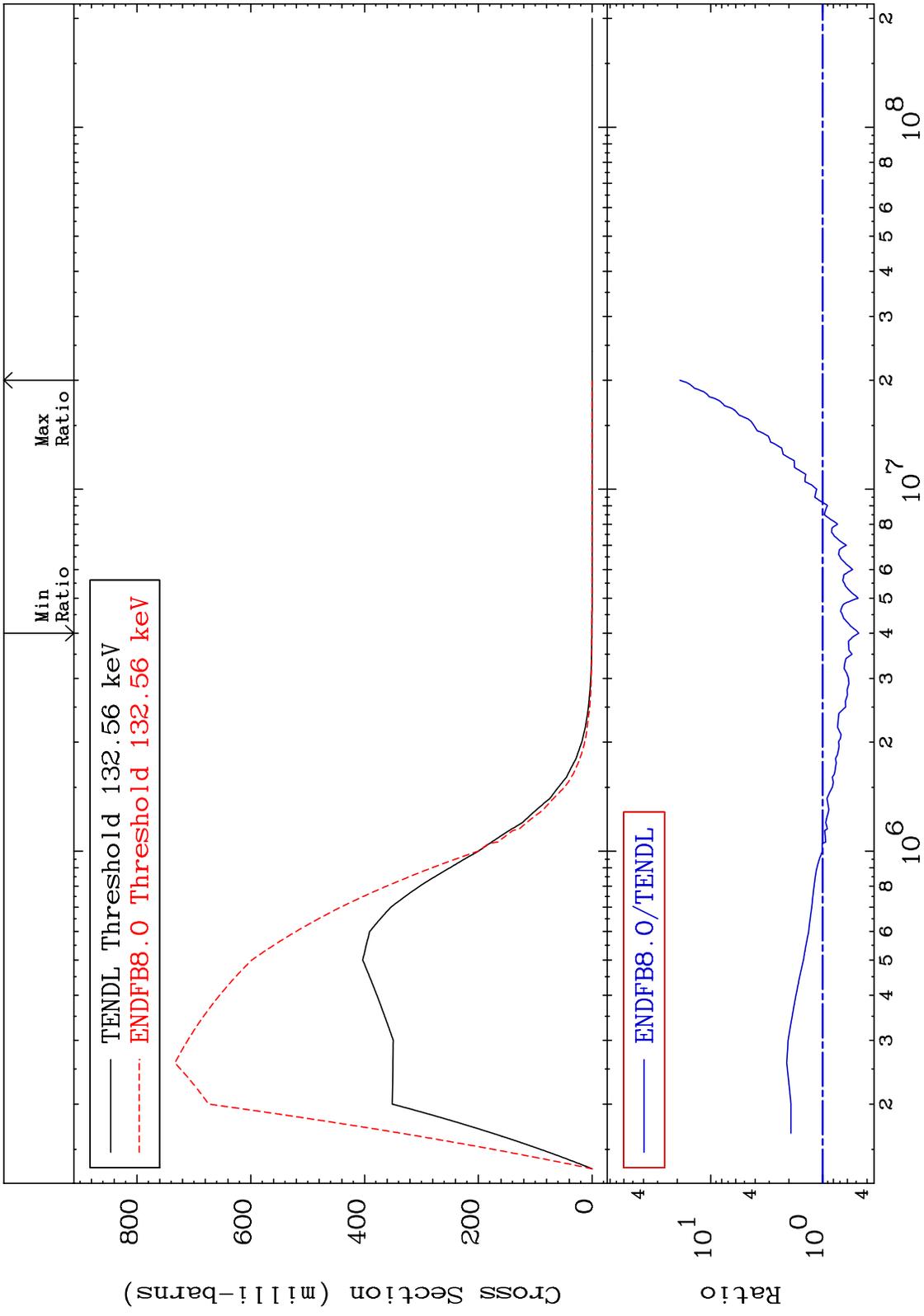
MAT 6729 MT= 52 (n,n') Level 67-Ho-166
 Cross Section -44.67 To 9999. %



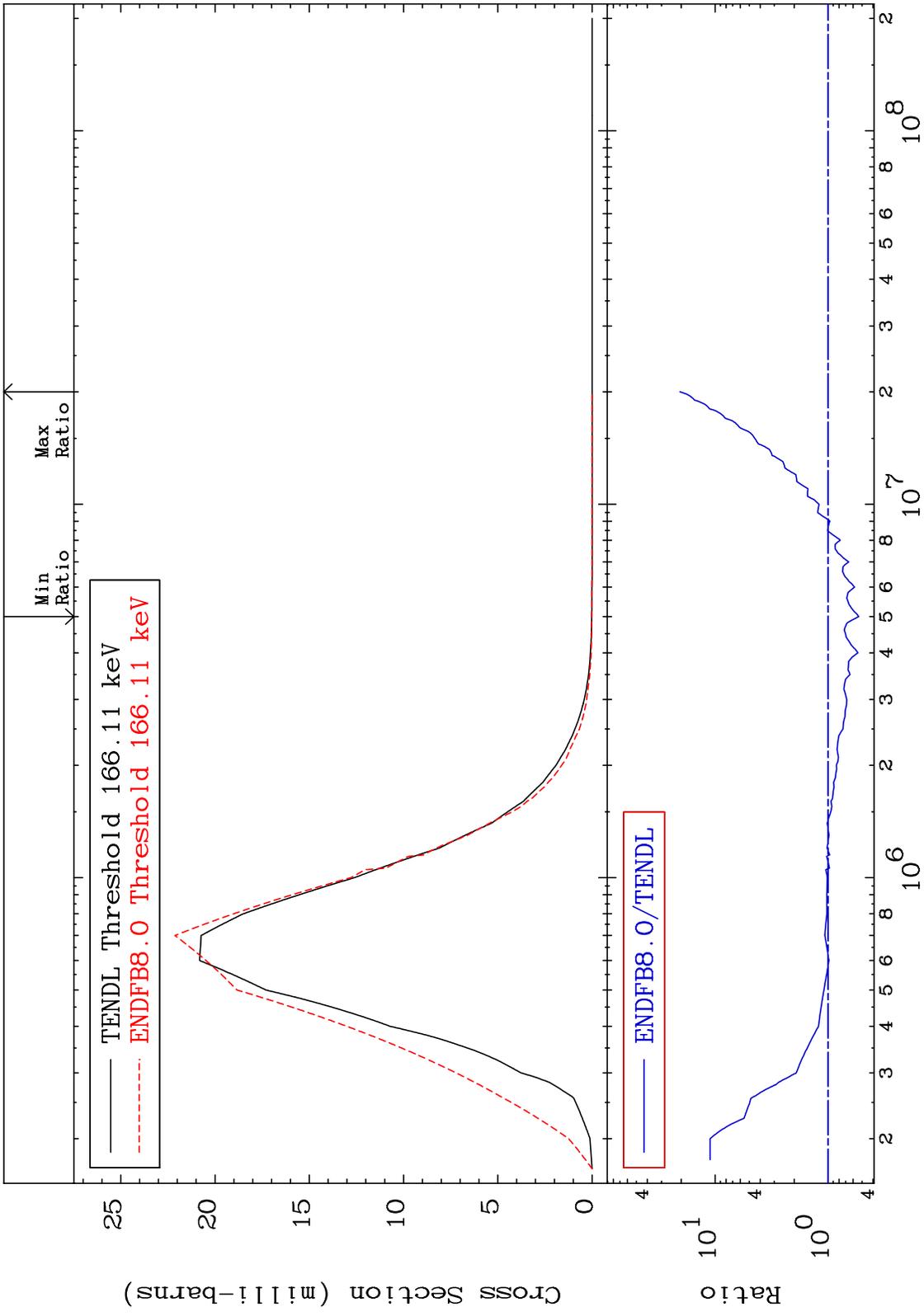
MAT 6729 MT= 53 (n,n') Level 67-Ho-166
 Cross Section -42.97 To 5639. %



MAT 6729 MT= 54 (n,n') Level Cross Section 67-Ho-166 -52.60 To 1799. %



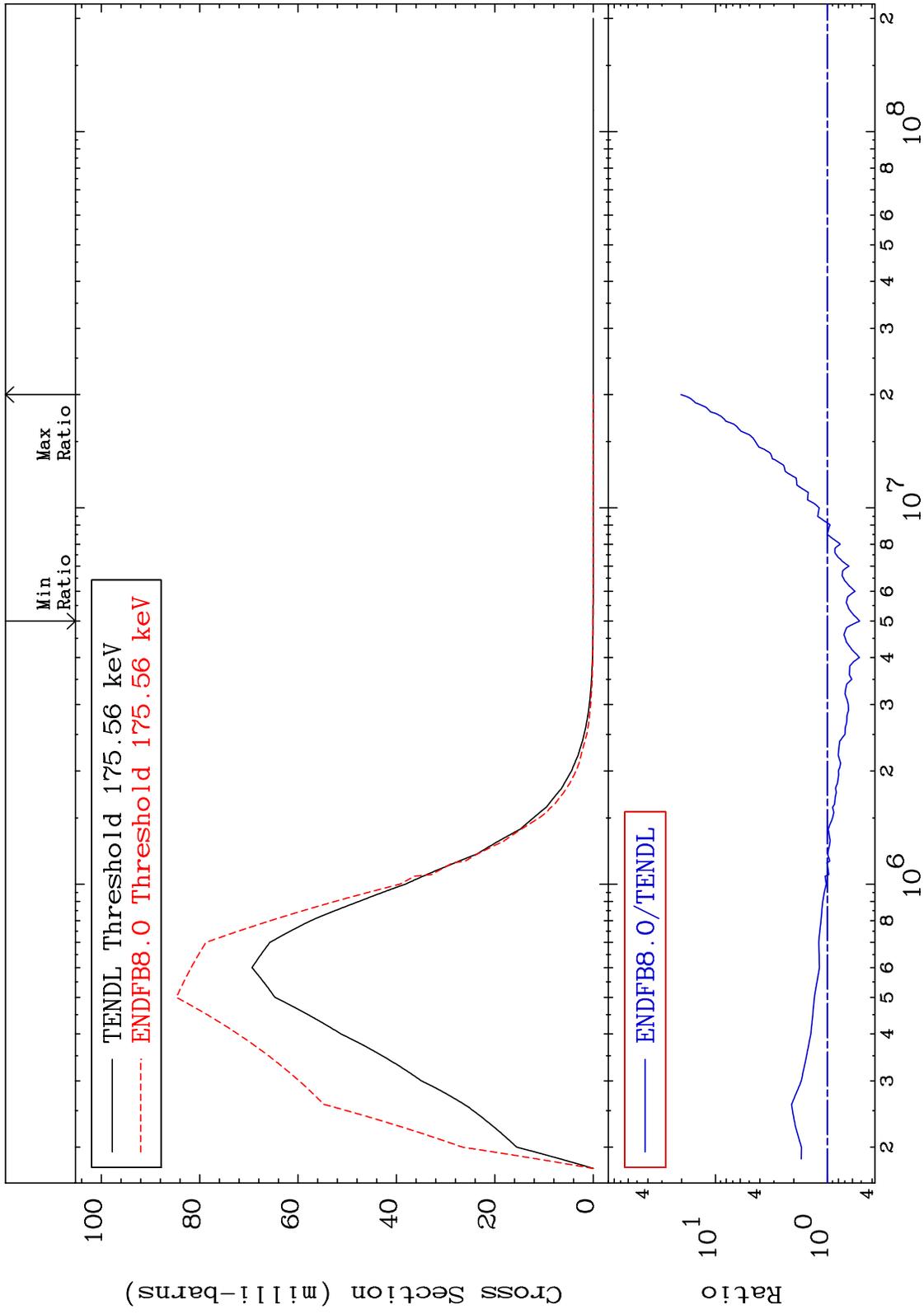
MAT 6729 MT= 55 (n,n') Level 67-Ho-166
 Cross Section -46.58 To 1963. %



MAT 6729

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

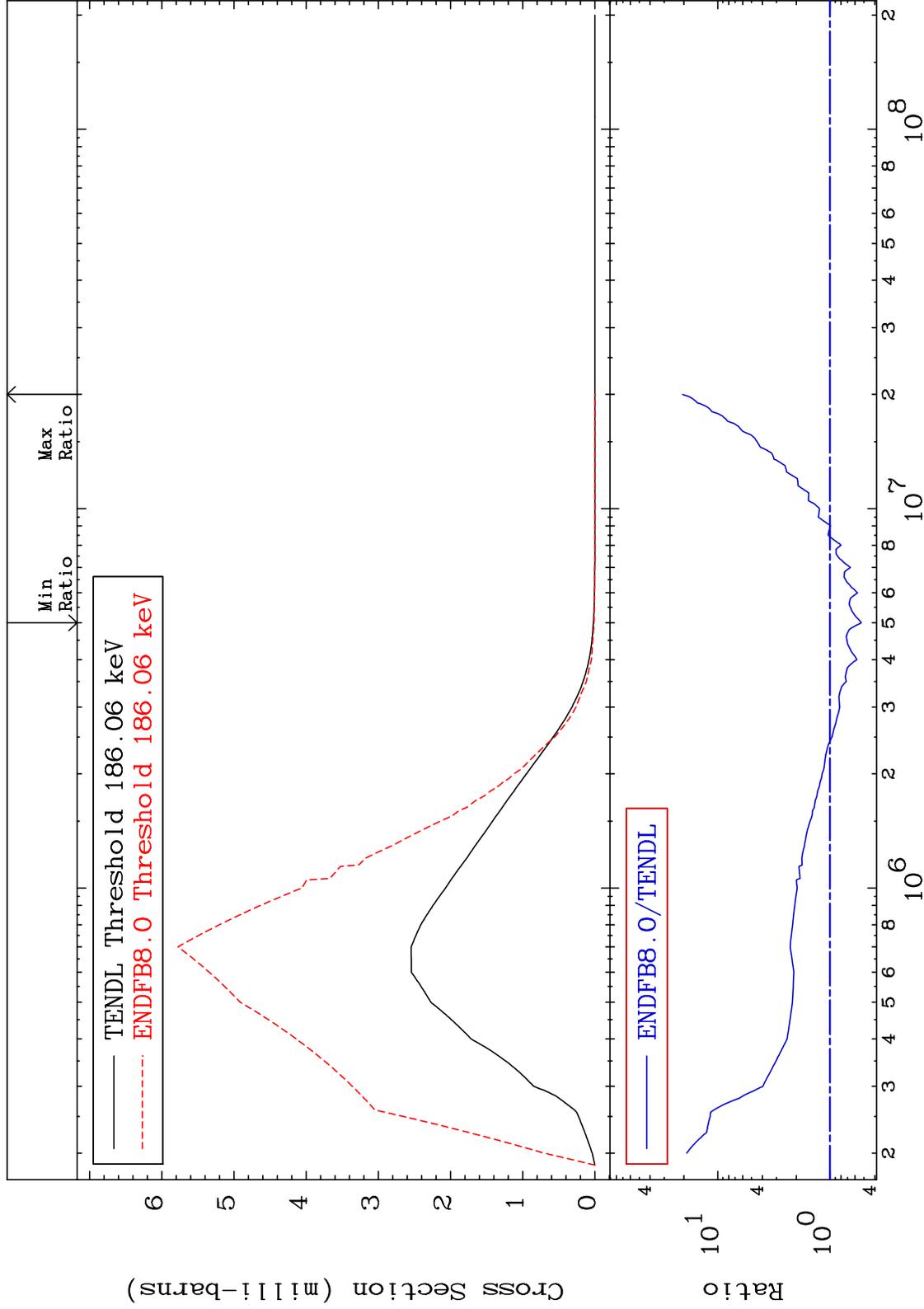
67-Ho-166
-48.39 To 1936. %



MAT 6729

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

67-Ho-166
-47.26 To 1961. %

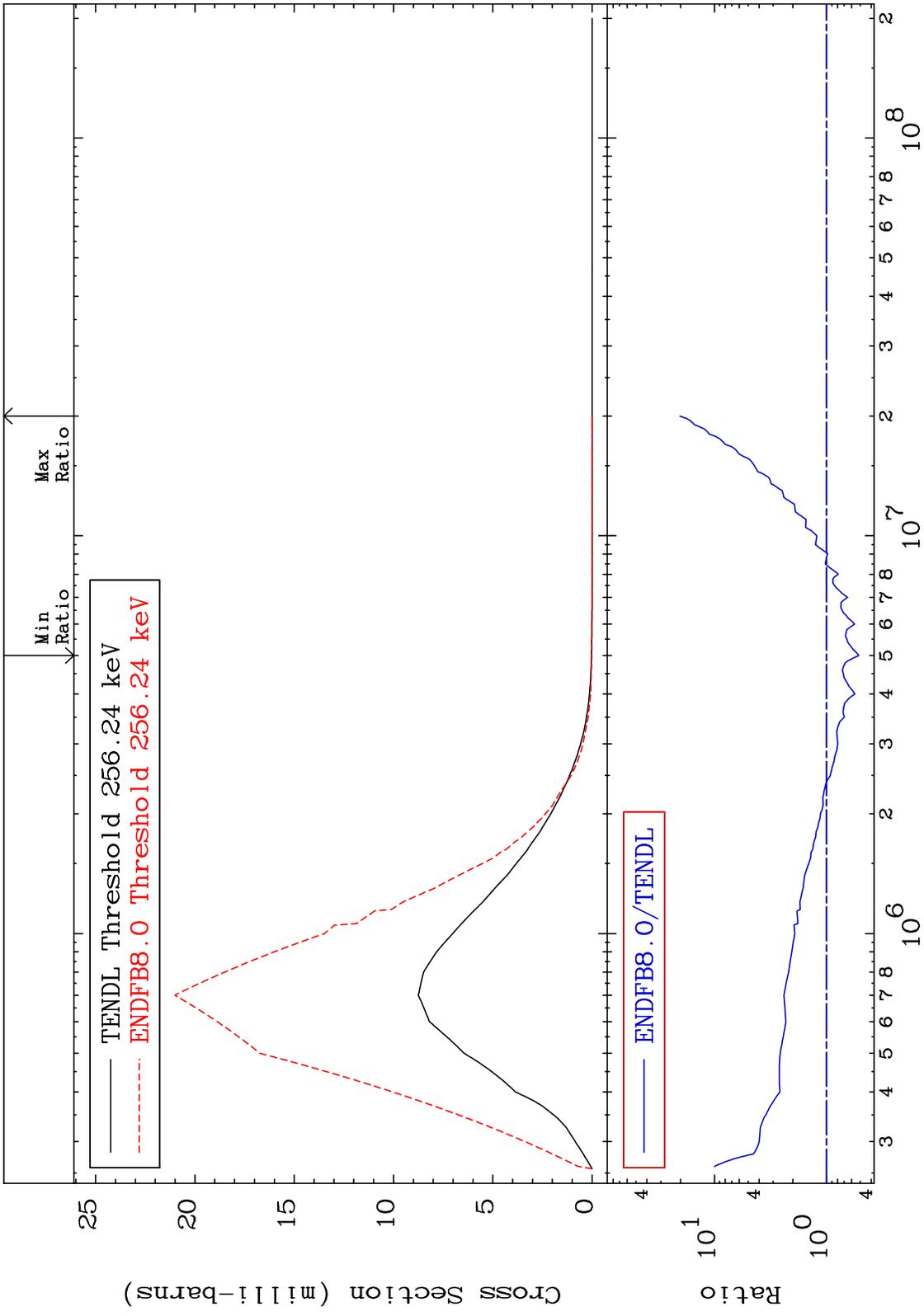


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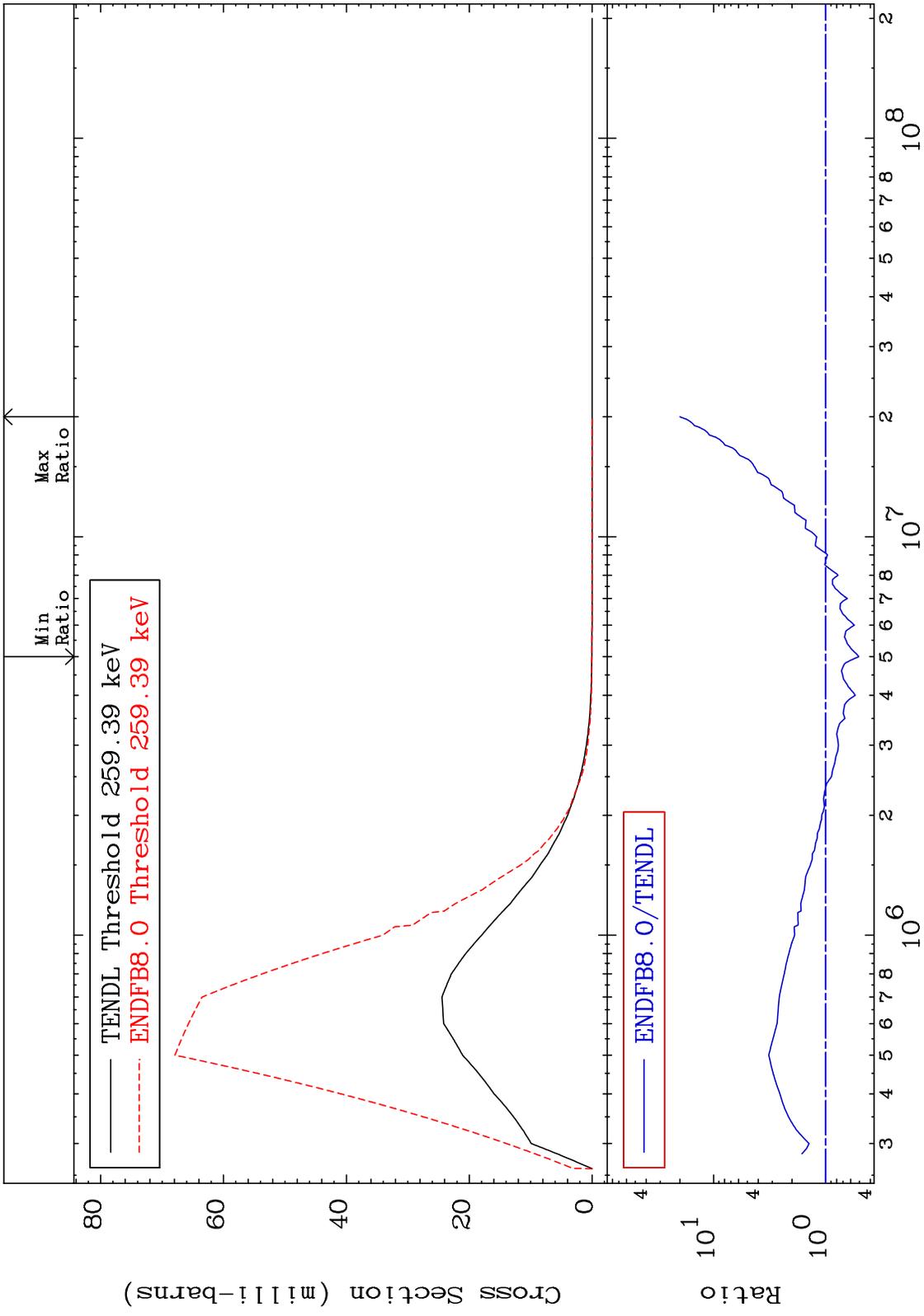
Incident Energy (eV)

67-Ho-166

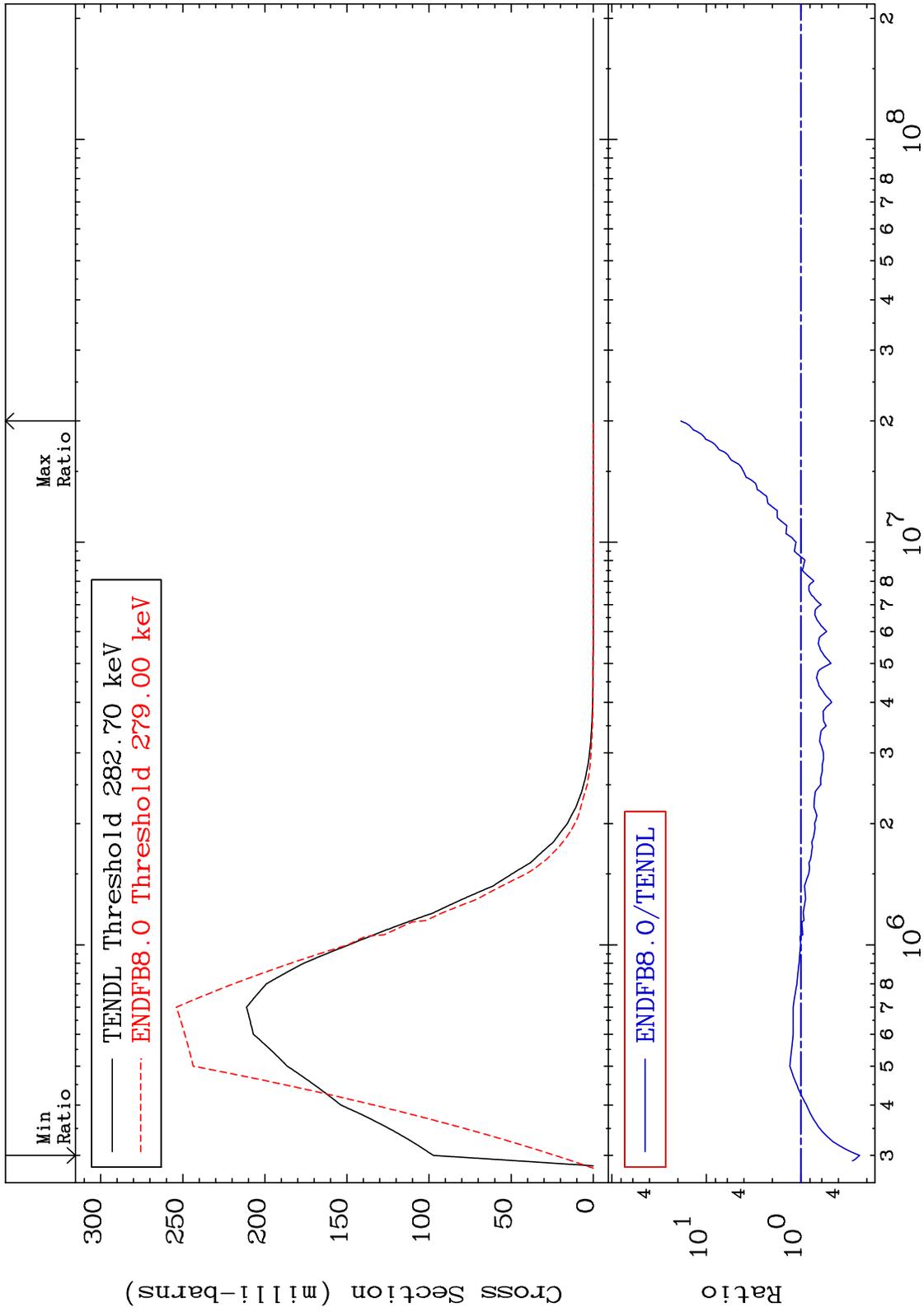
MAT 6729 MT= 58 (n,n') Level Cross Section 67-Ho-166
 -48.35 To 1936. %



MAT 6729 MT= 59 (n,n') Level Cross Section 67-Ho-166
 -49.30 To 1906. %



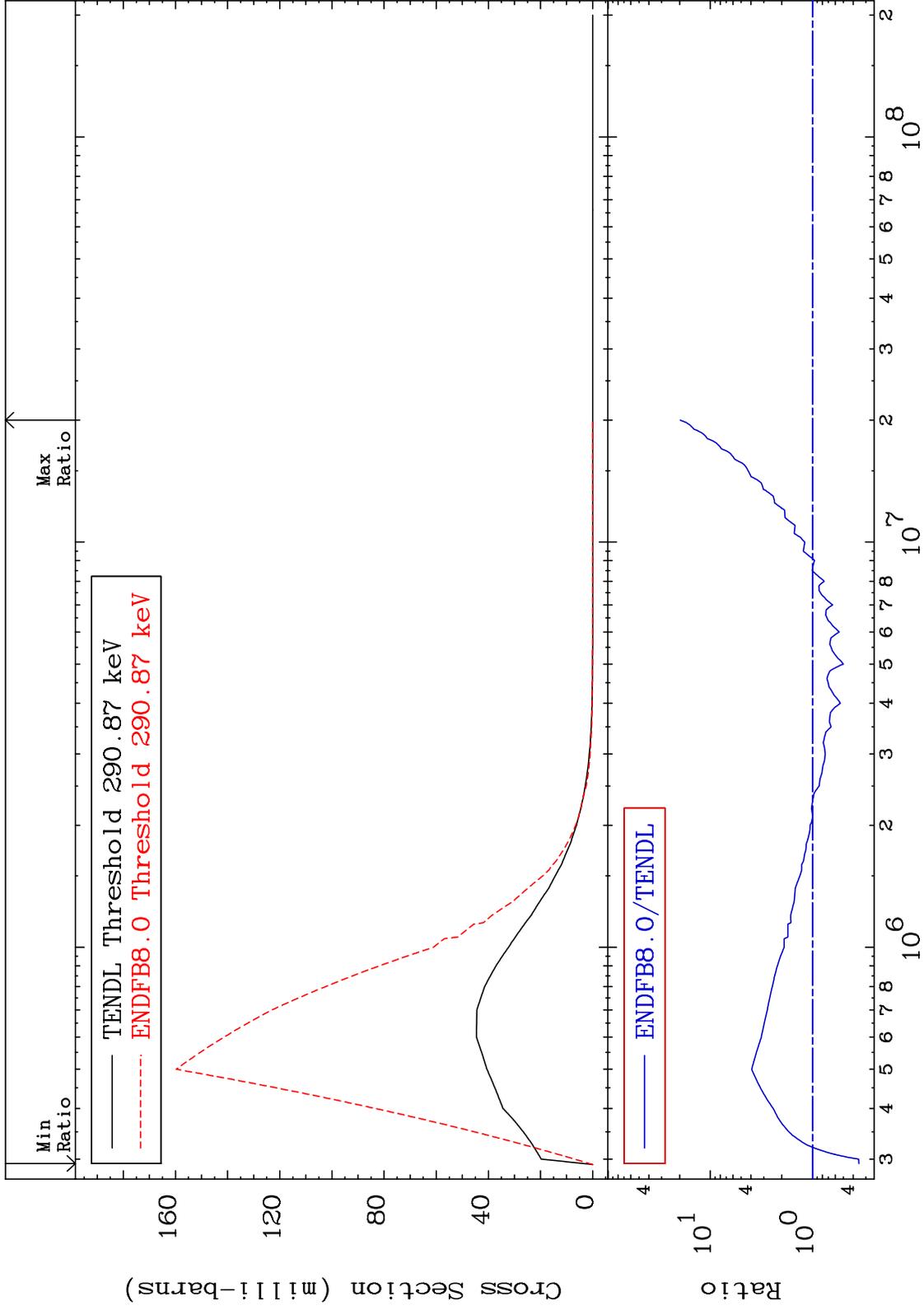
MAT 6729 MT= 60 (n,n') Level Cross Section 67-Ho-166 -76.23 To 1764. %



MAT 6729

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

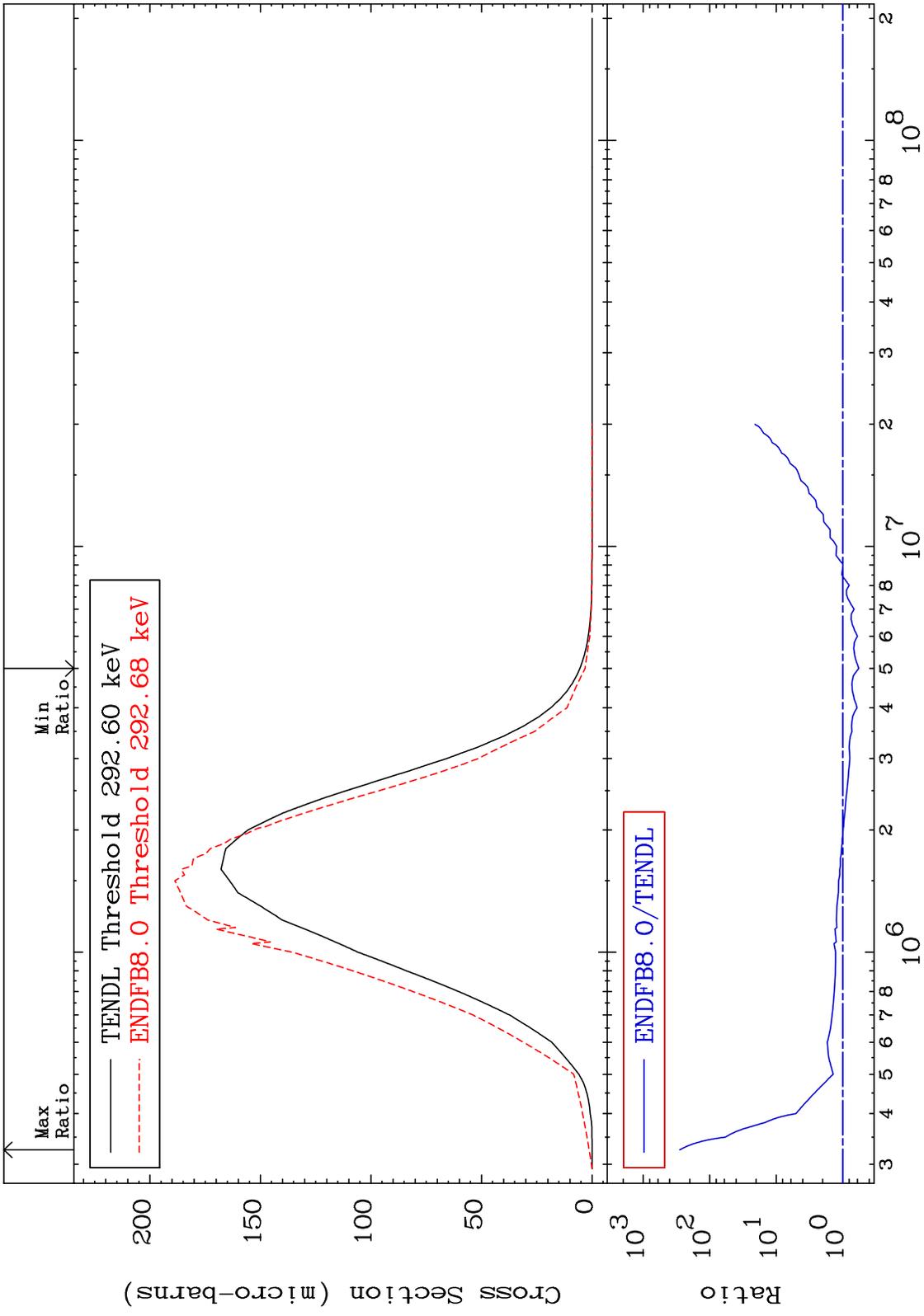
67-Ho-166
-64.86 To 1873. %



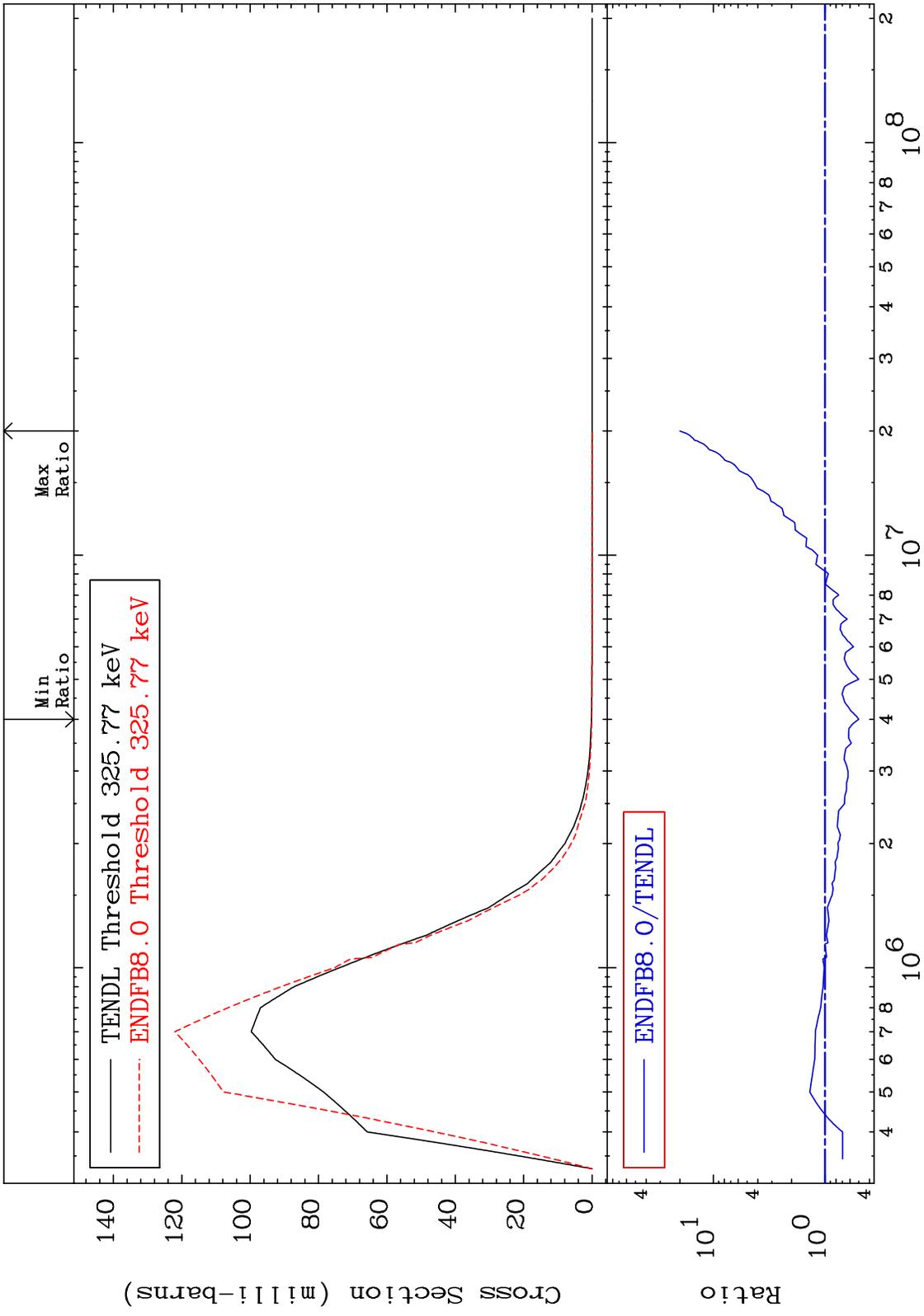
20

67-Ho-166

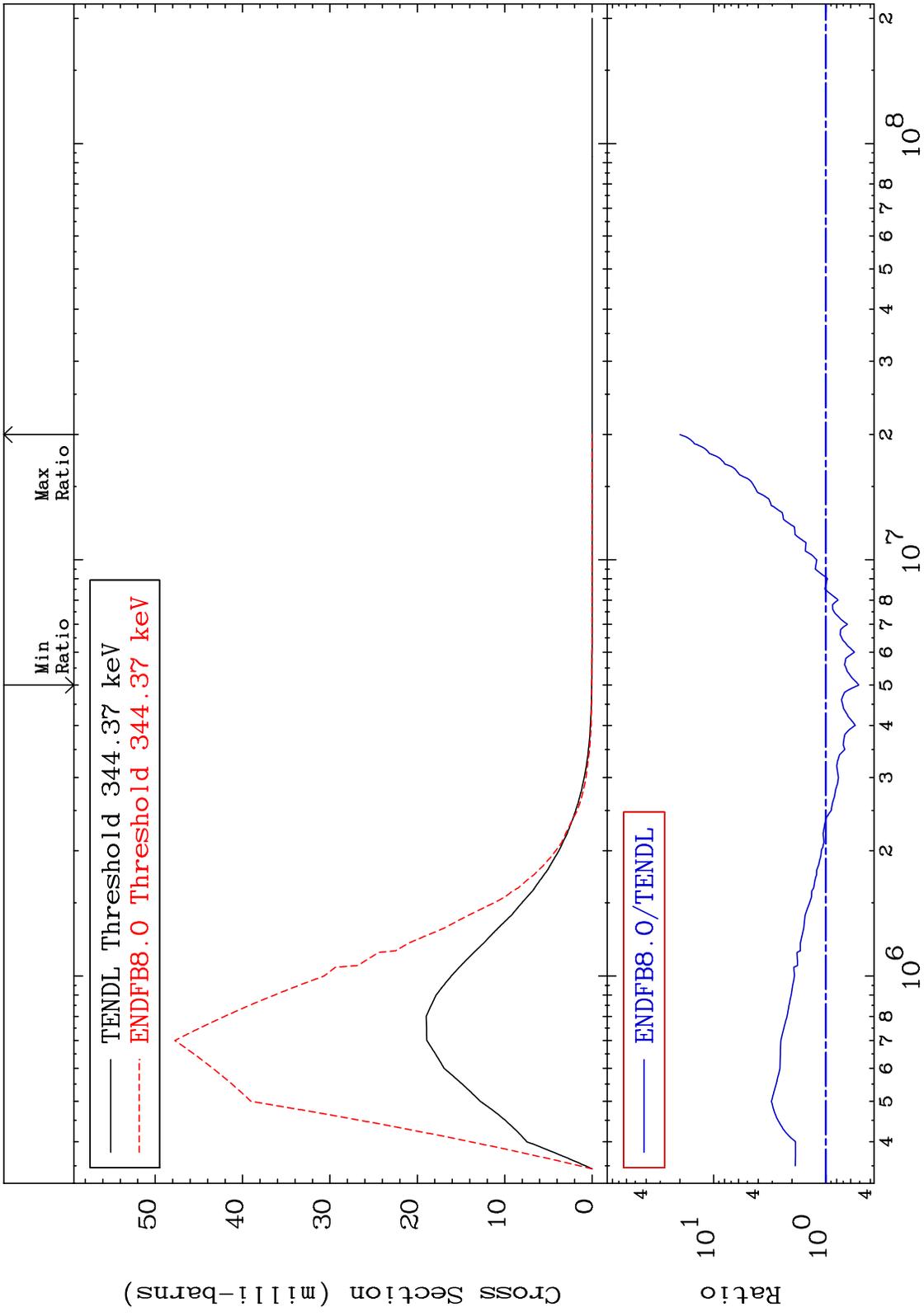
MAT 6729 MT= 62 (n,n') Level 67-Ho-166
 Cross Section -42.76 To 9999. %

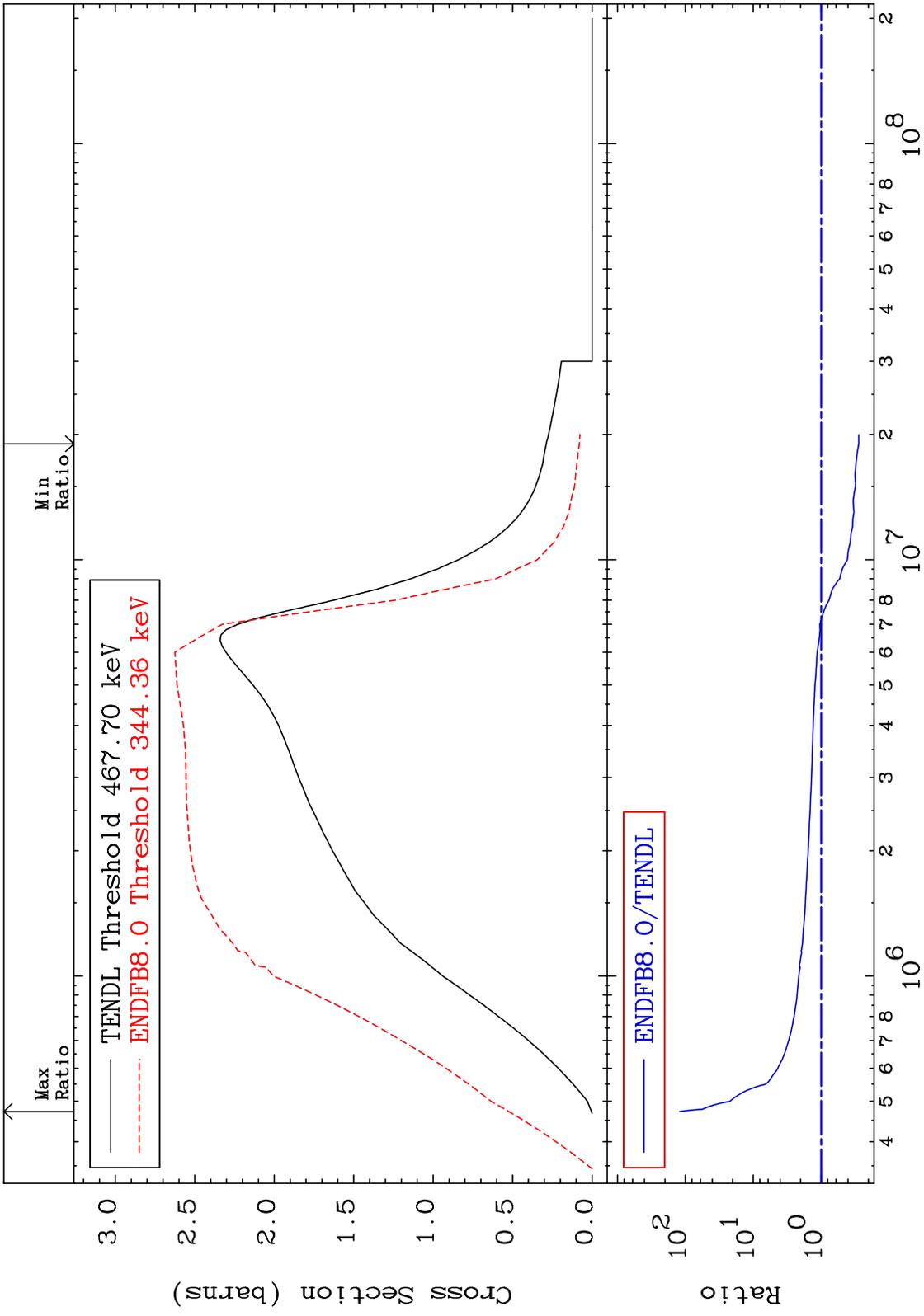


MAT 6729 MT= 63 (n,n') Level Cross Section 67-Ho-166 -50.06 To 1904. %



MAT 6729 MT= 64 (n,n') Level 67-Ho-166
 Cross Section -49.20 To 1906. %



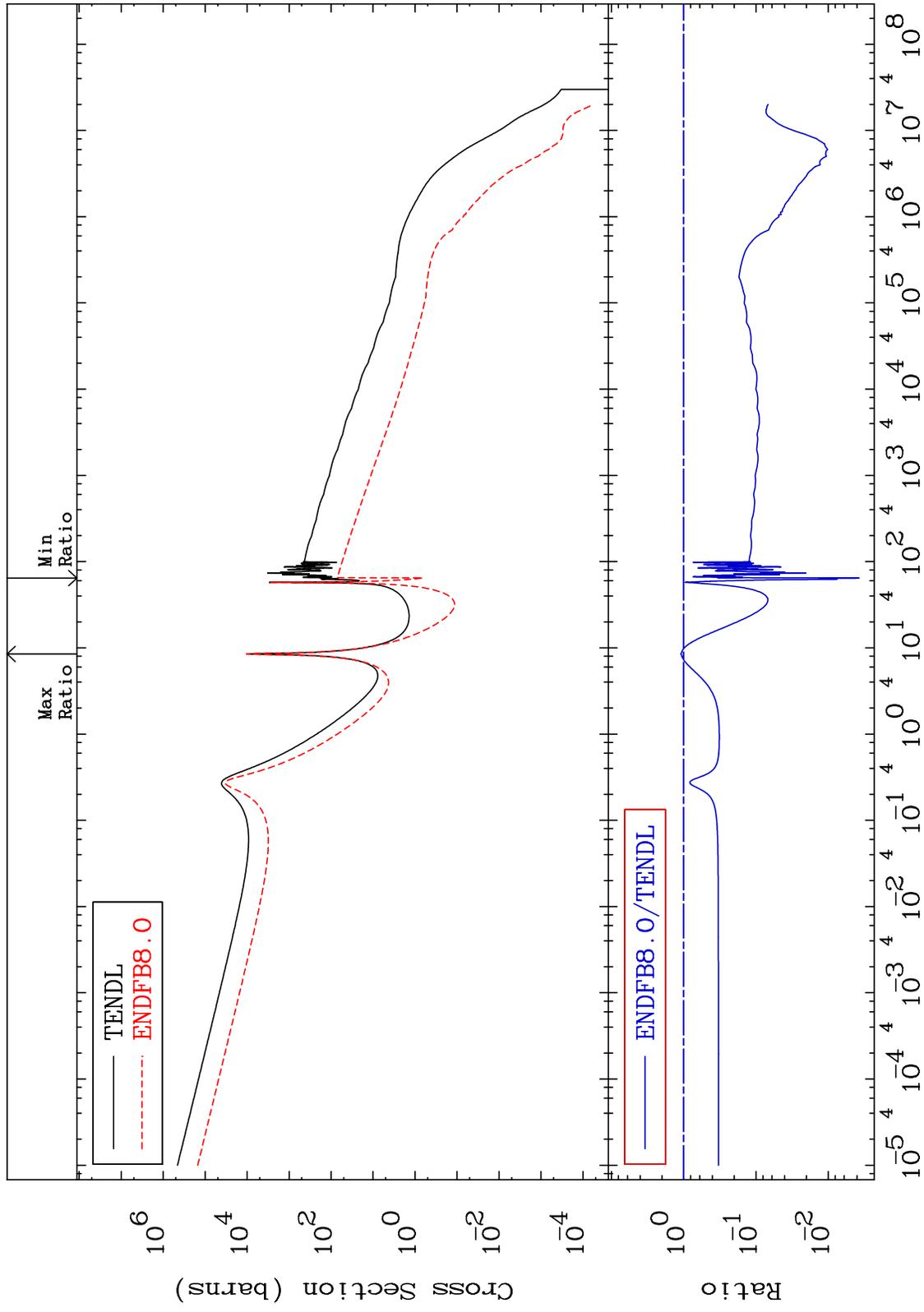


MAT 6729

67-Ho-166

-99.63 To 10.27 %

(n, γ)
Cross Section



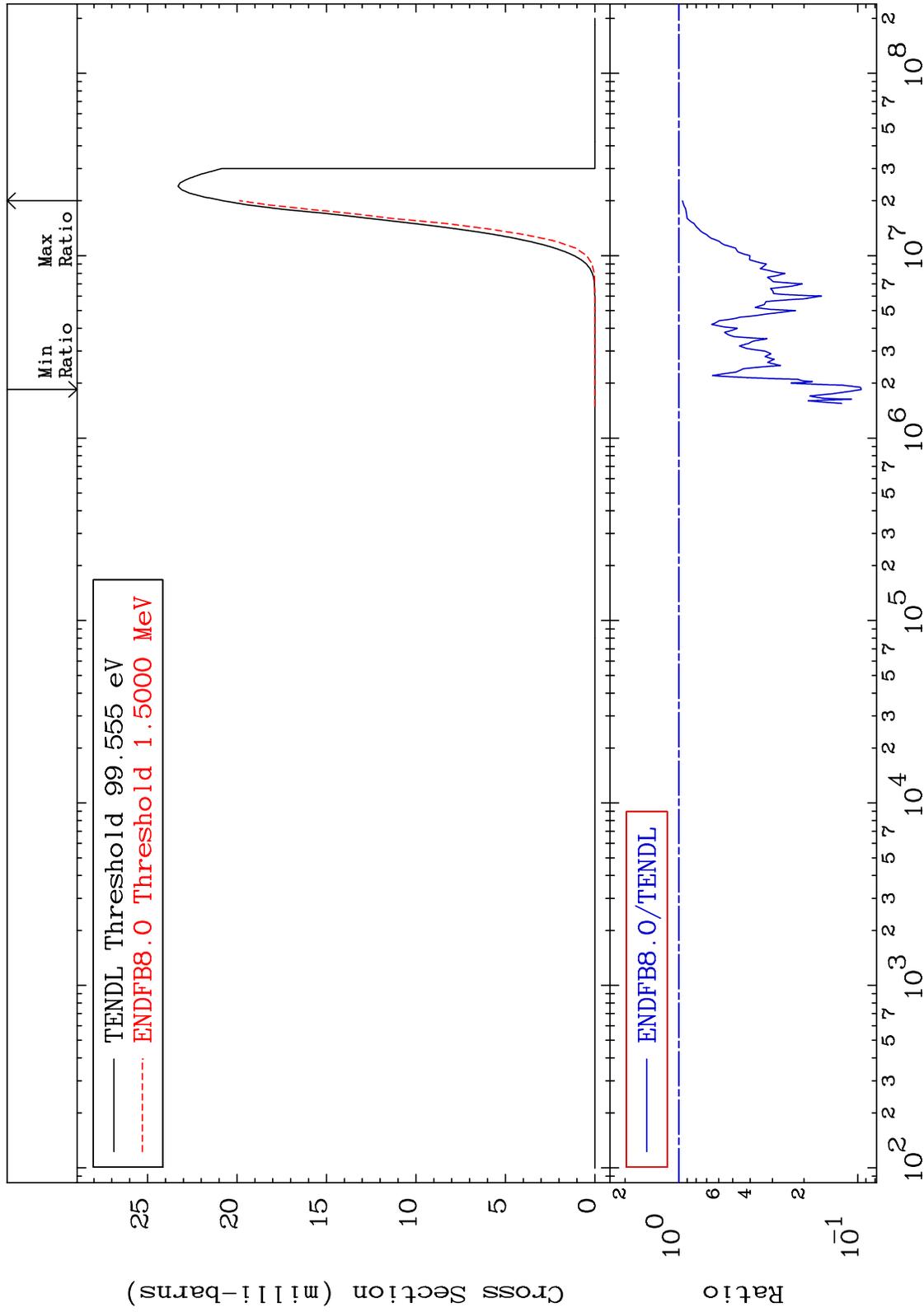
MAT 6729

(n,p)

67-Ho-166

Cross Section

-90.45 To -4.447%



26

Incident Energy (eV)

67-Ho-166

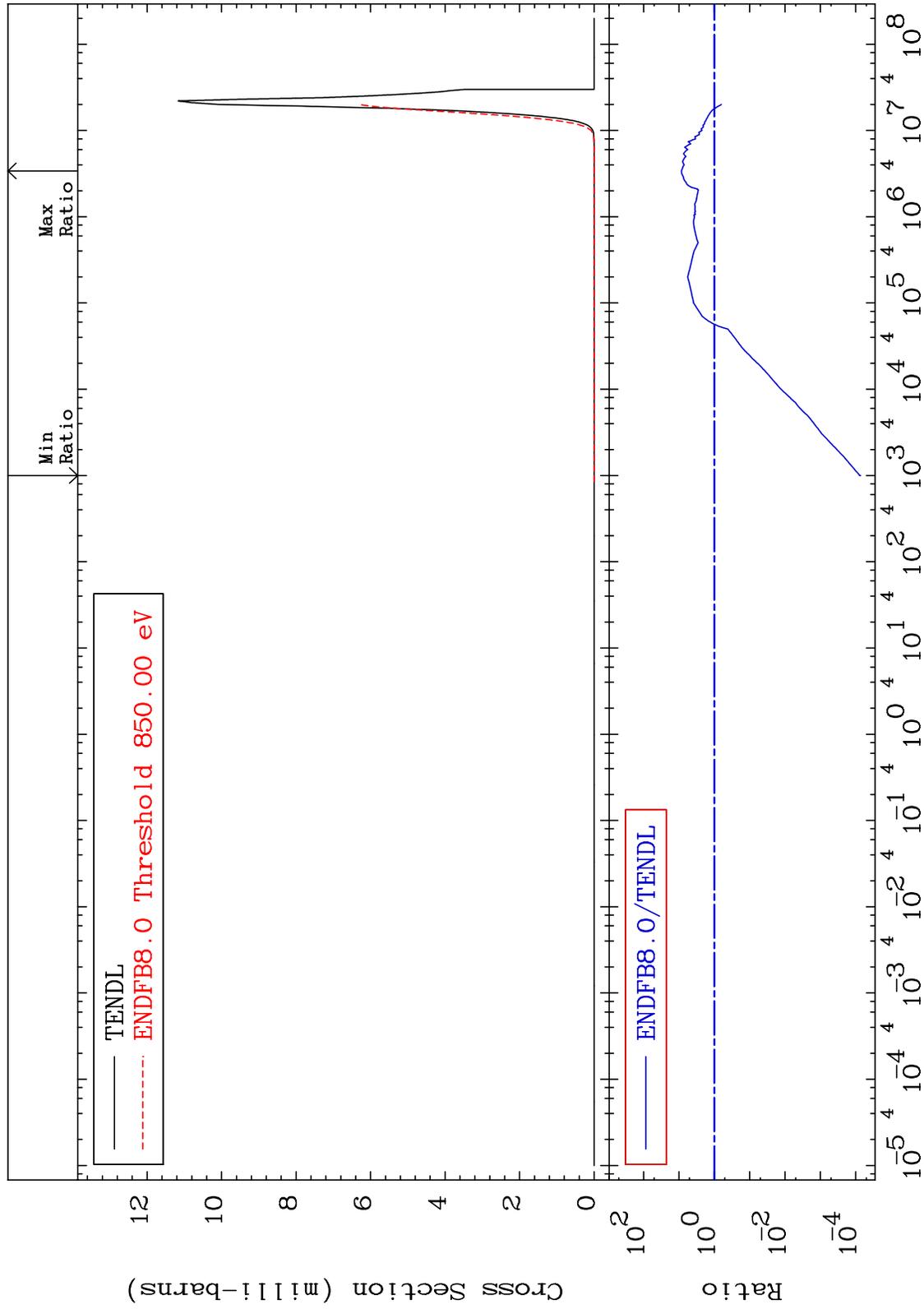
MAT 6729

(n, α)

67-Ho-166

Cross Section

-99.99 To 747.2 %



27

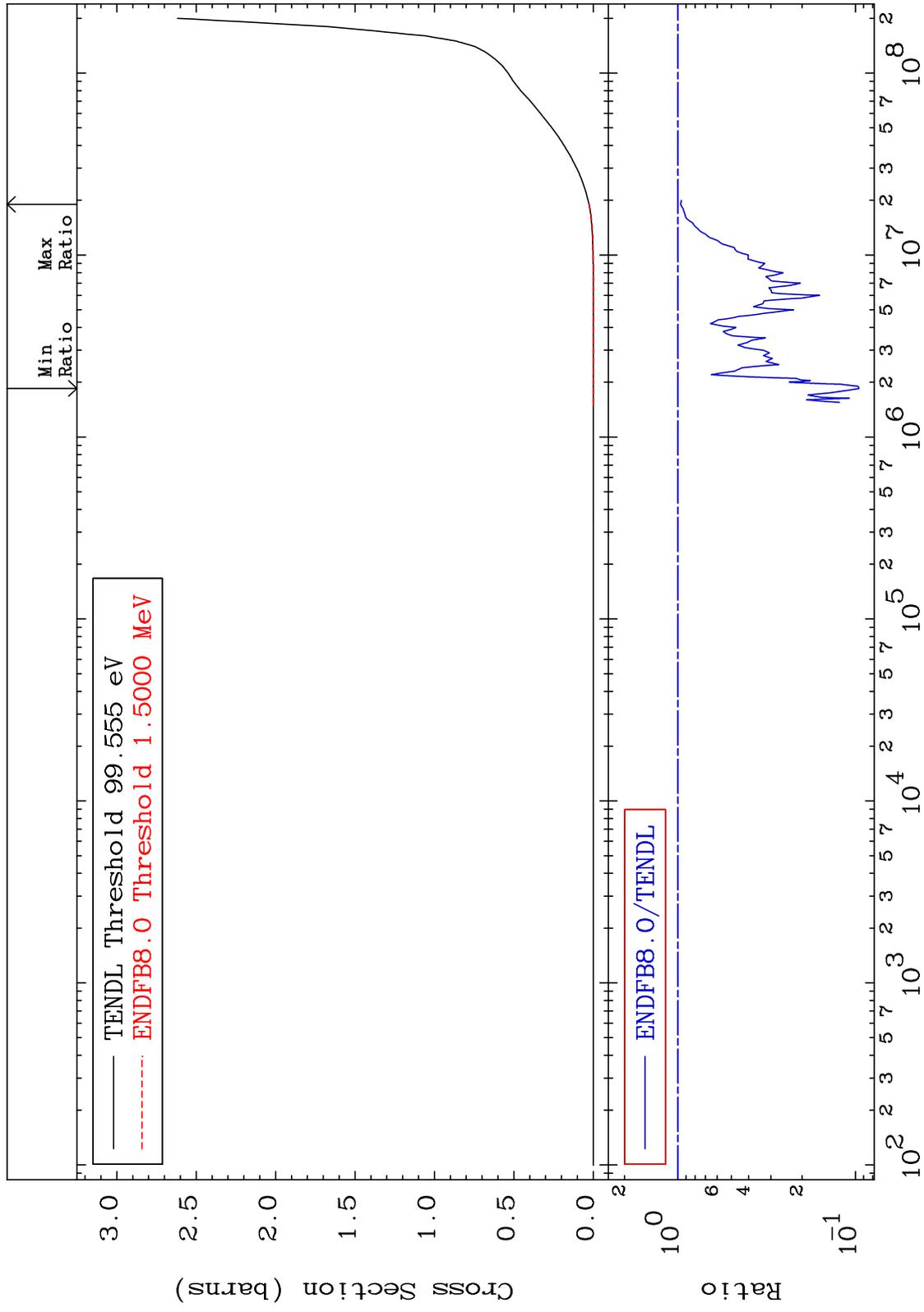
Incident Energy (eV)

67-Ho-166

MAT 6729

Hydrogen Production Cross Section

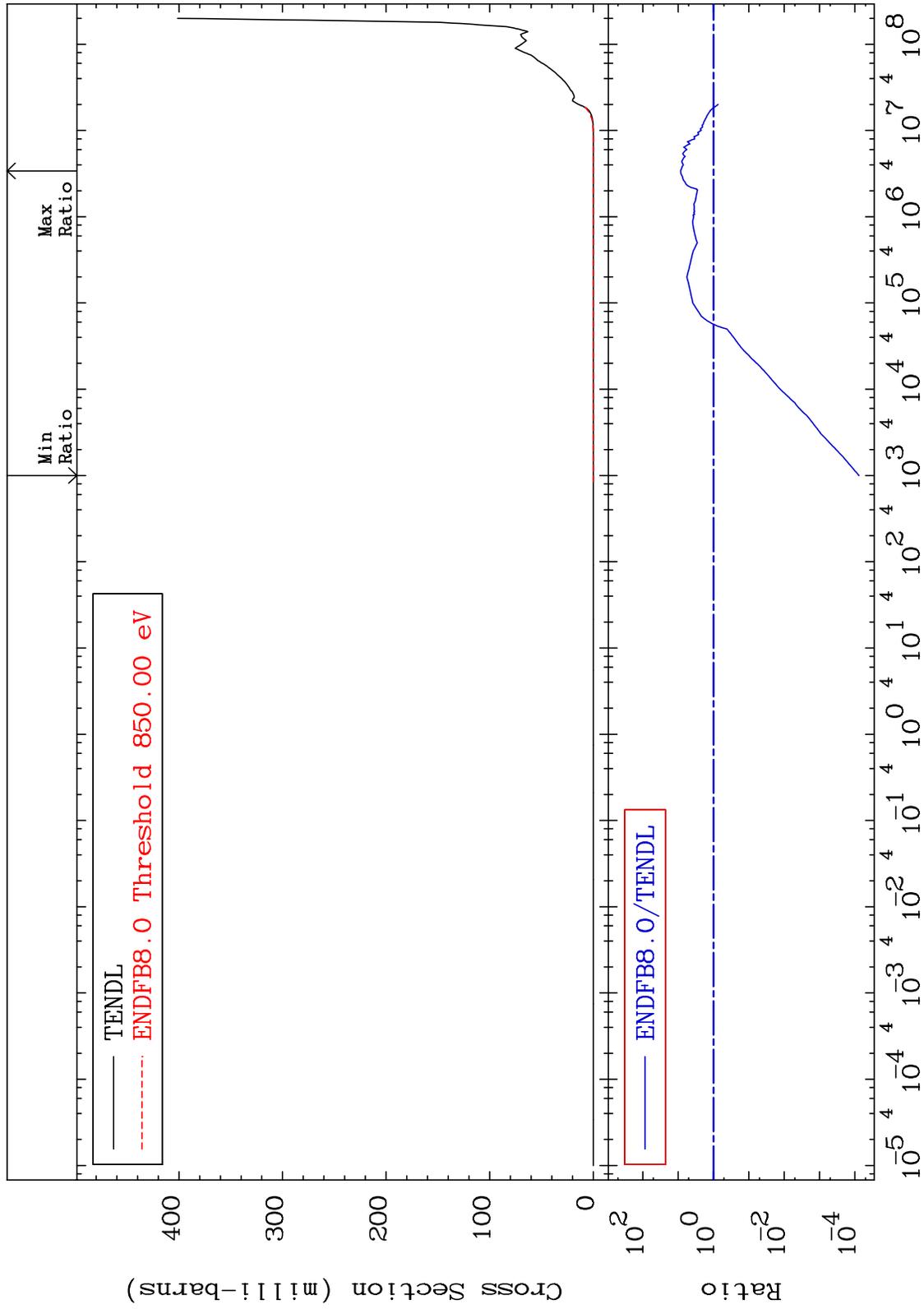
$^{67}\text{Ho-166}$
-90.45 To -3.463%



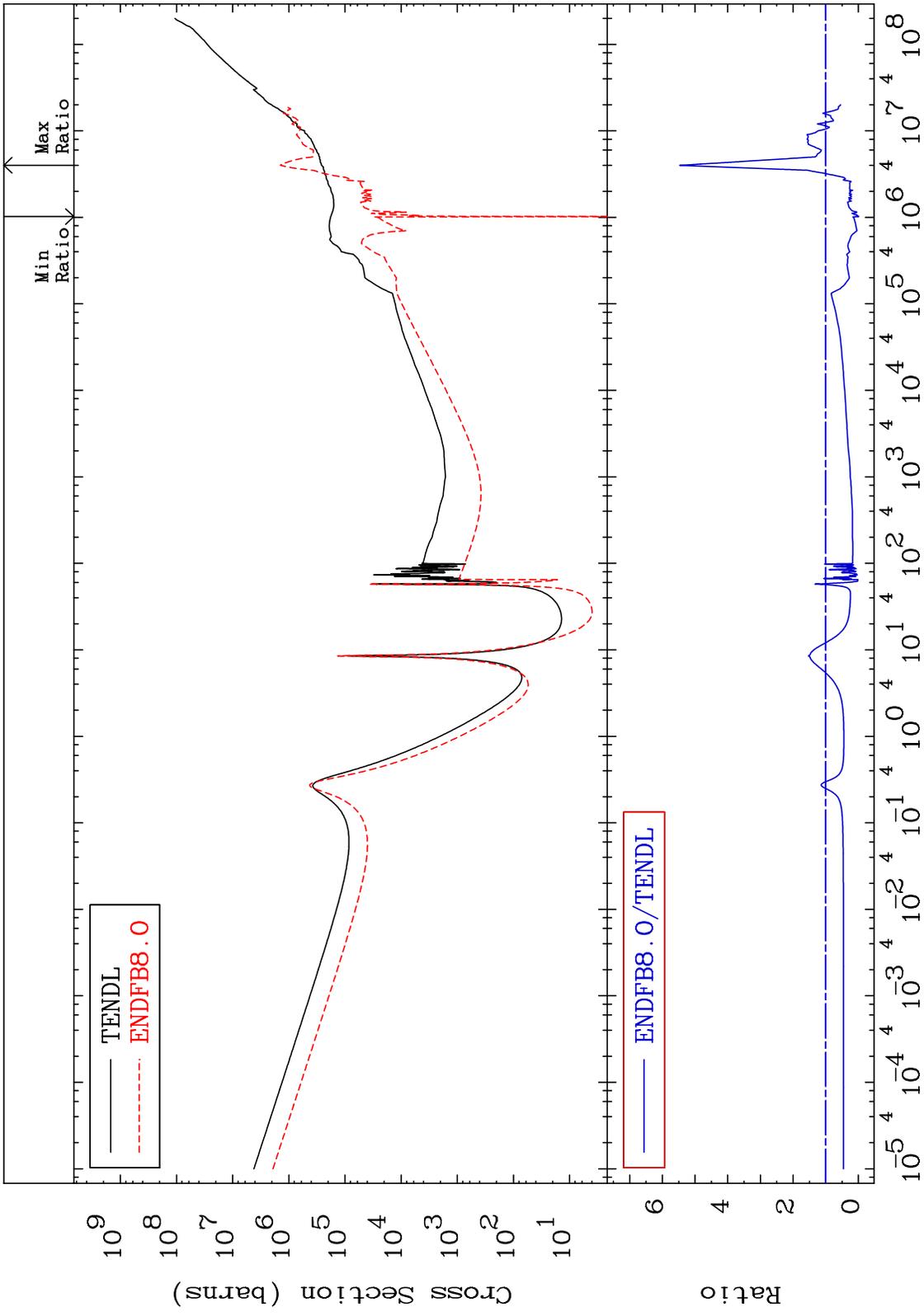
MAT 6729

He-4 Production
Cross Section

67-Ho-166
-99.99 To 747.2 %



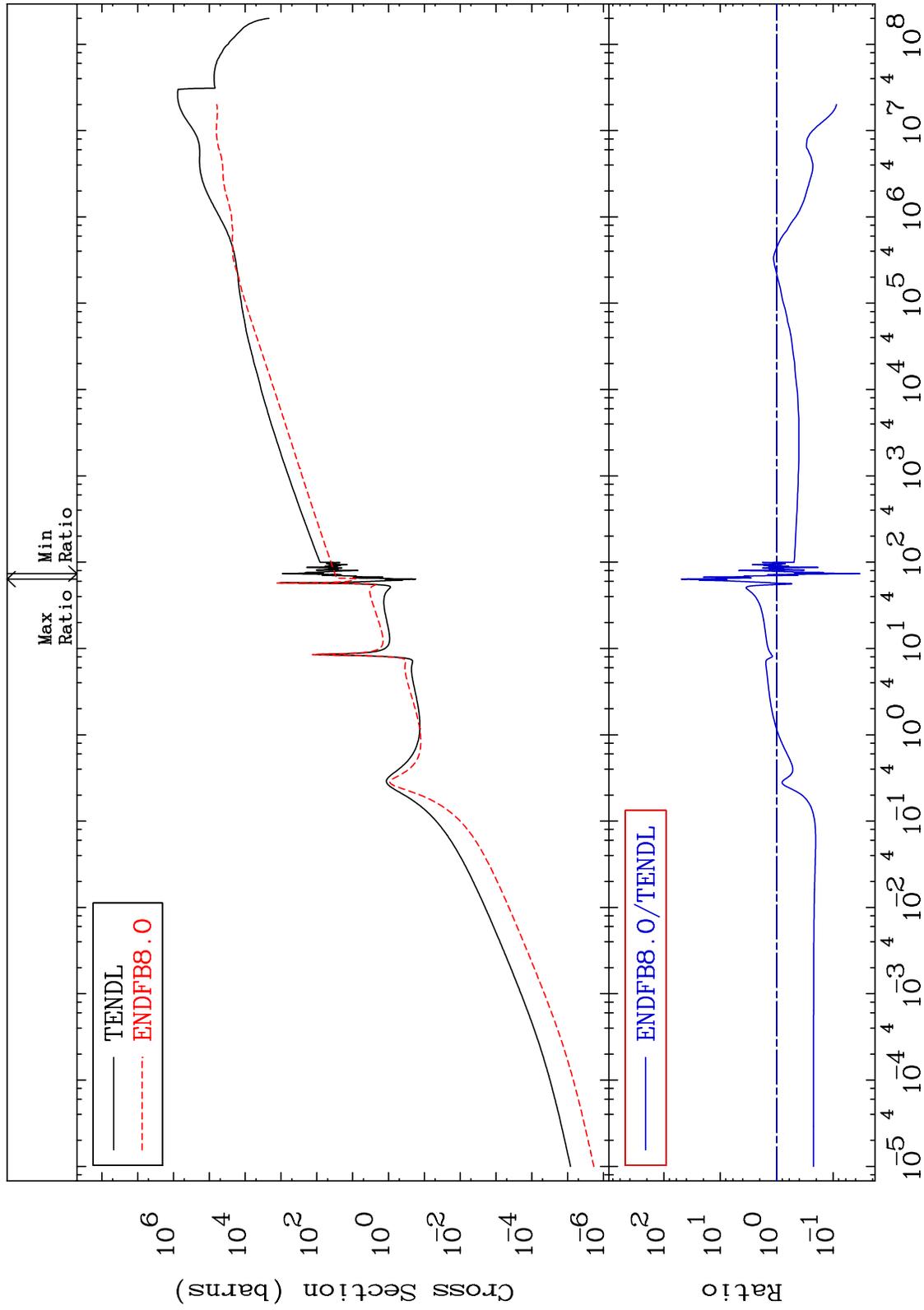
MAT 6729 Kerma total (eV-barns) Cross Section 67-Ho-166 -101.2 To 446.8 %



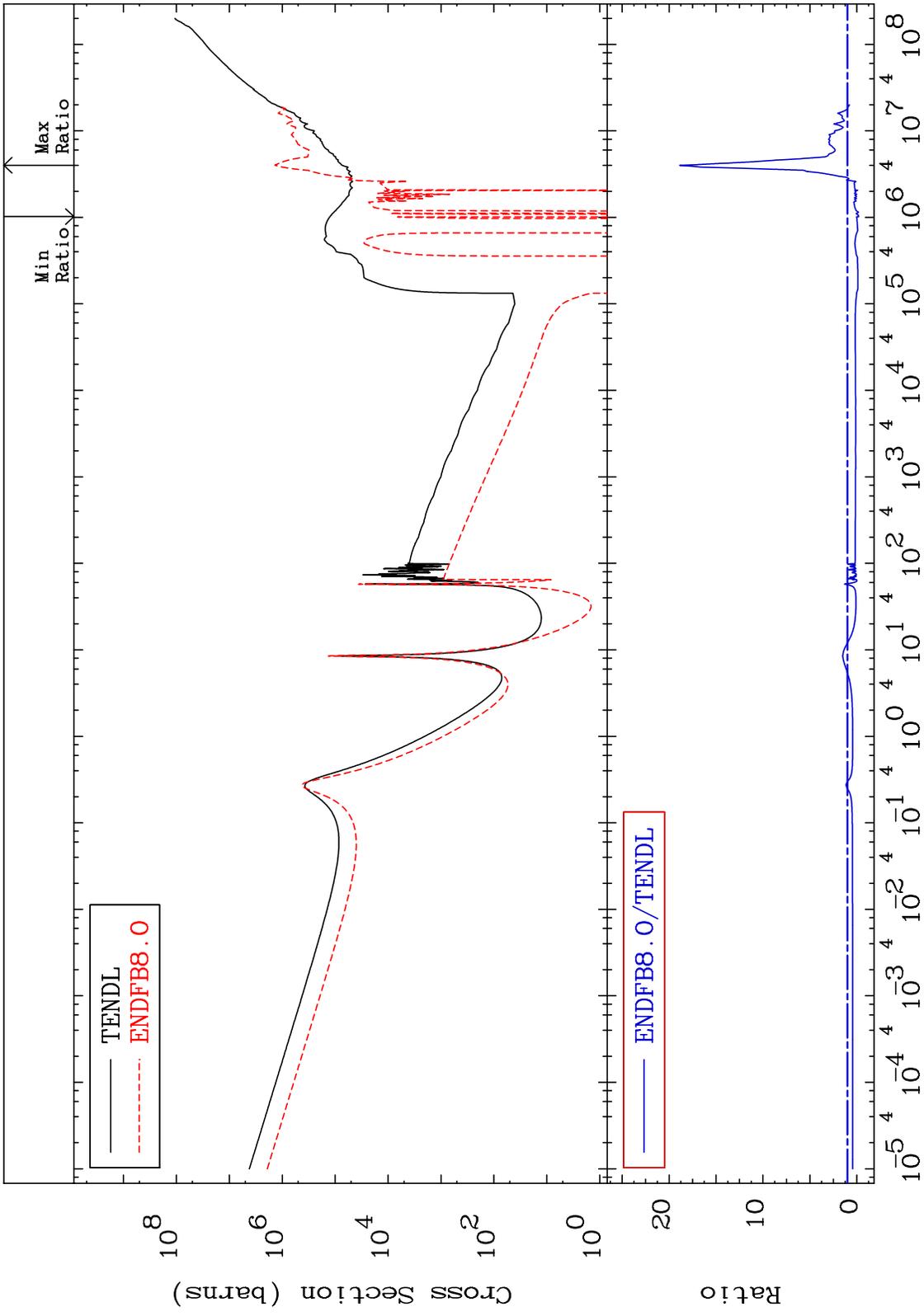
MAT 6729

Kerma elastic
Cross Section

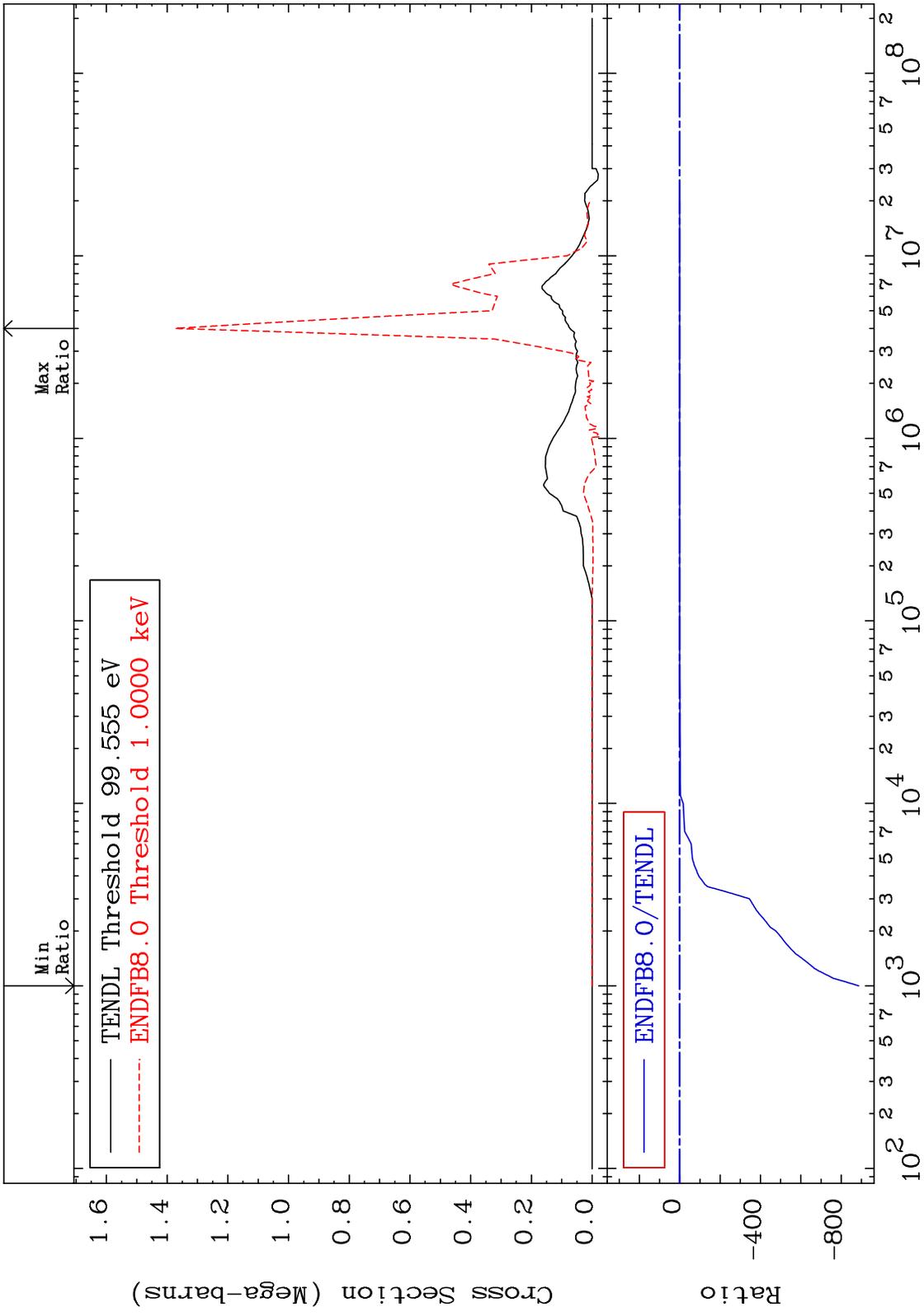
67-Ho-166
-96.62 To 4829. %



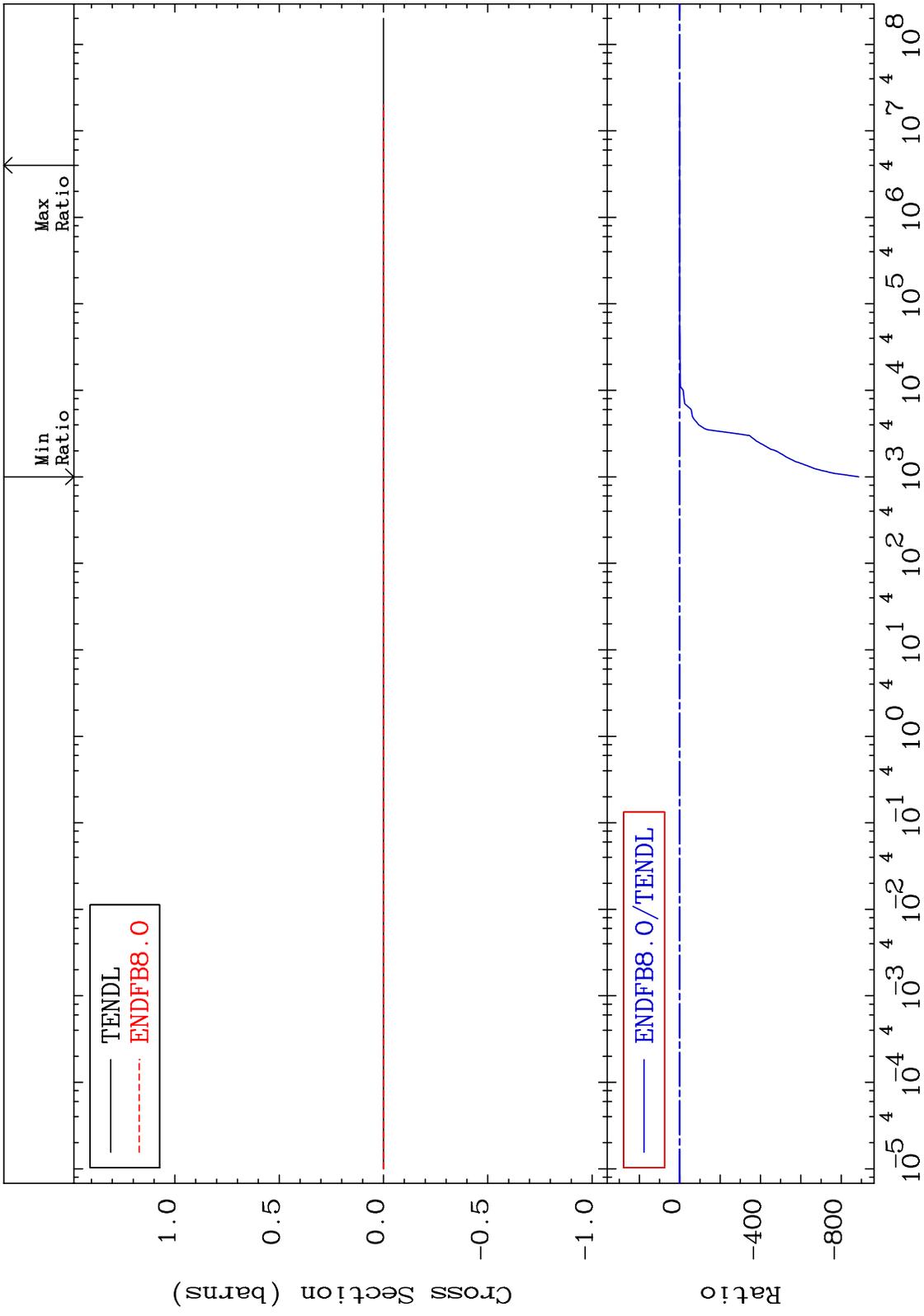
MAT 6729 Kerma non-elastic (all but mt2) Cross Section 67-Ho-166
 -121.0 To 1786. %



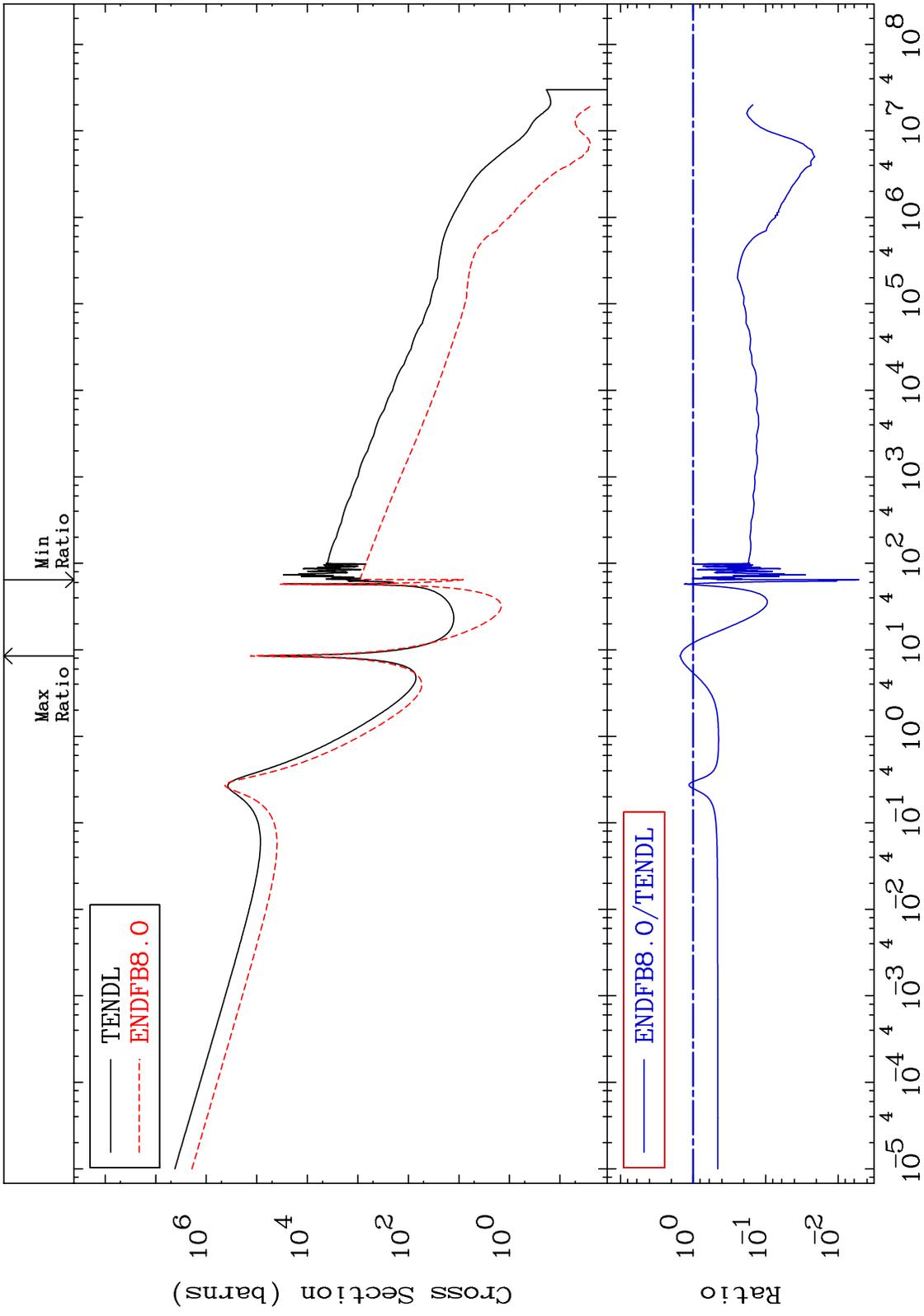
MAT 6729 Kerma inelastic (mt51-91) 67-Ho-166
 Cross Section -9999. To 1786. %



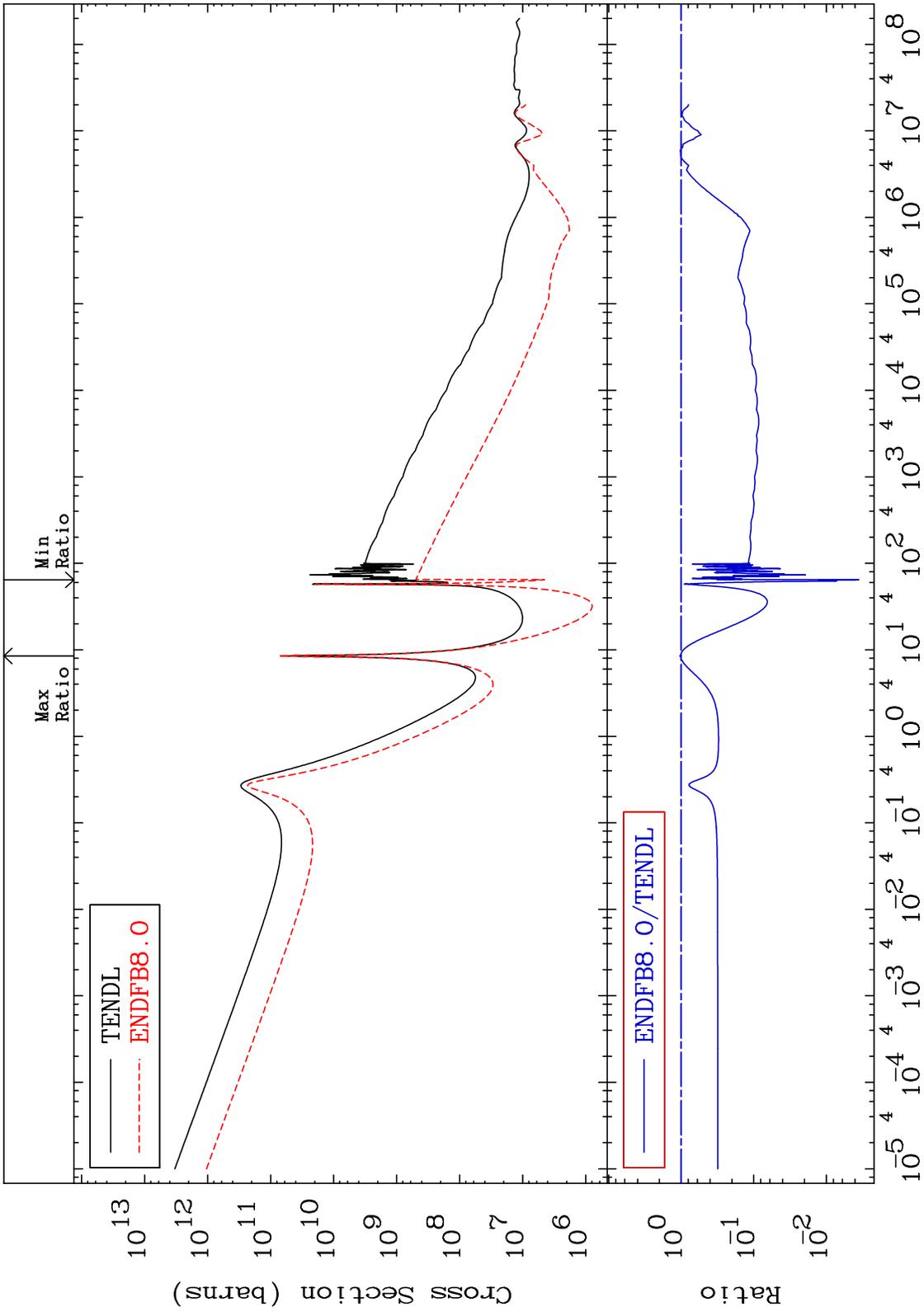
MAT 6729 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-166
 Cross Section -9999. To 1786. %



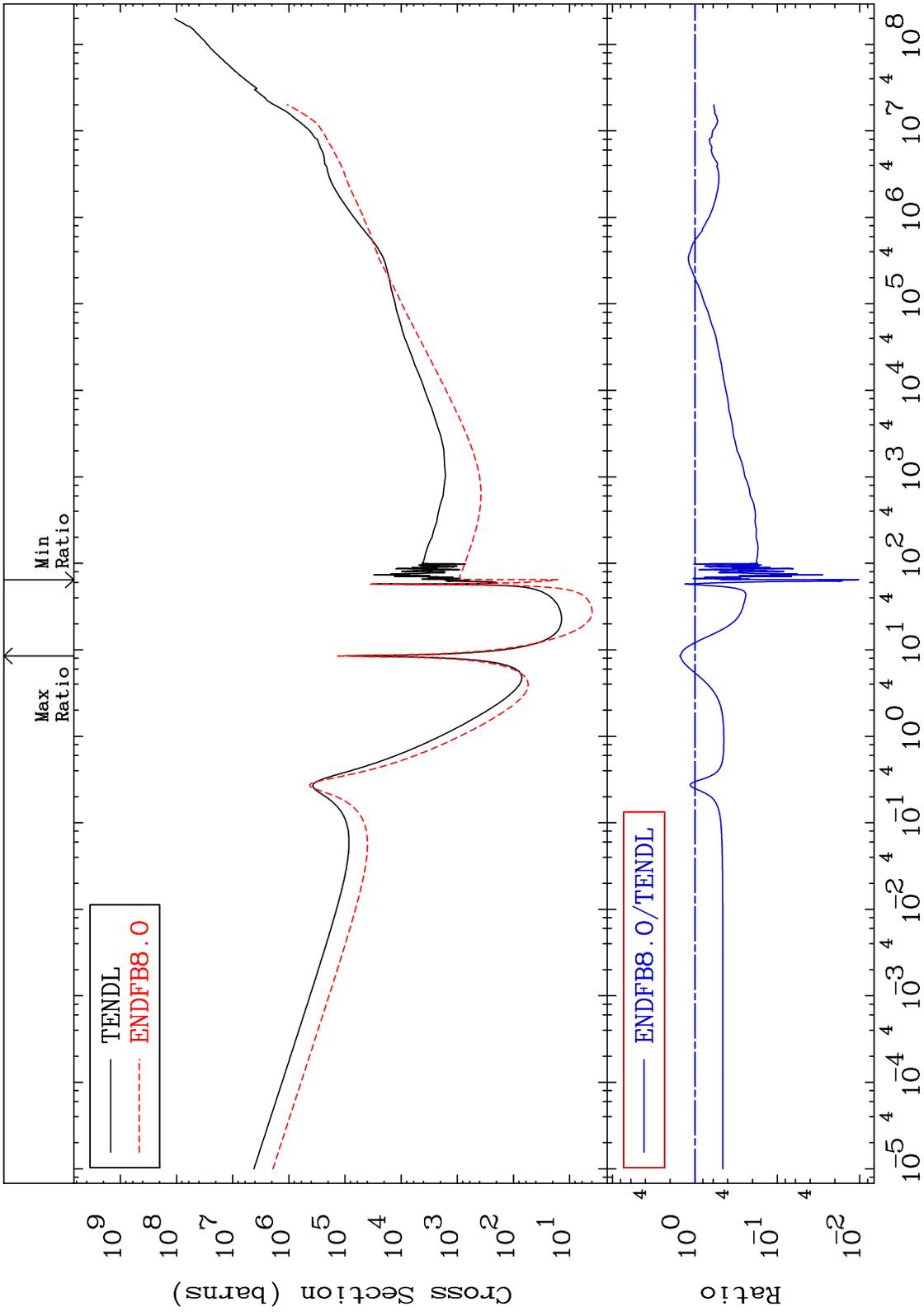
MAT 6729 67-Ho-166
 Kerma capture (mt102) -99.48 To 52.86 %
 Cross Section



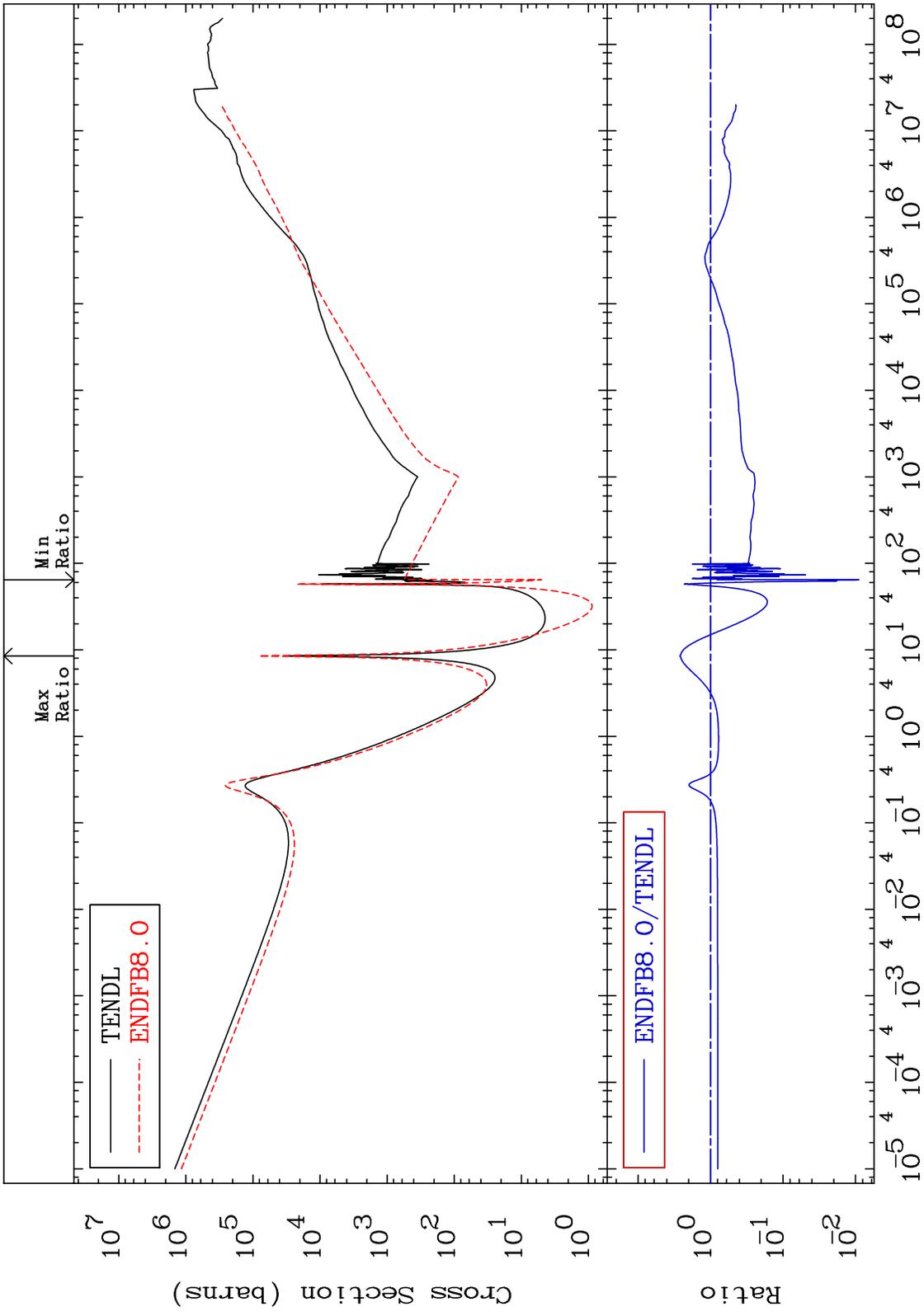
MAT 6729 67-Ho-166
-99.64 To 4.804 %
 Total photon (eV-barns)
 Cross Section



MAT 6729 Total kinematic kerma (high limit) 67-Ho-166
 Cross Section -98.98 To 52.83 %



MAT 6729 67-Ho-166
 Dpa total (eV-barns) -99.10 To 165.8 %
 Cross Section

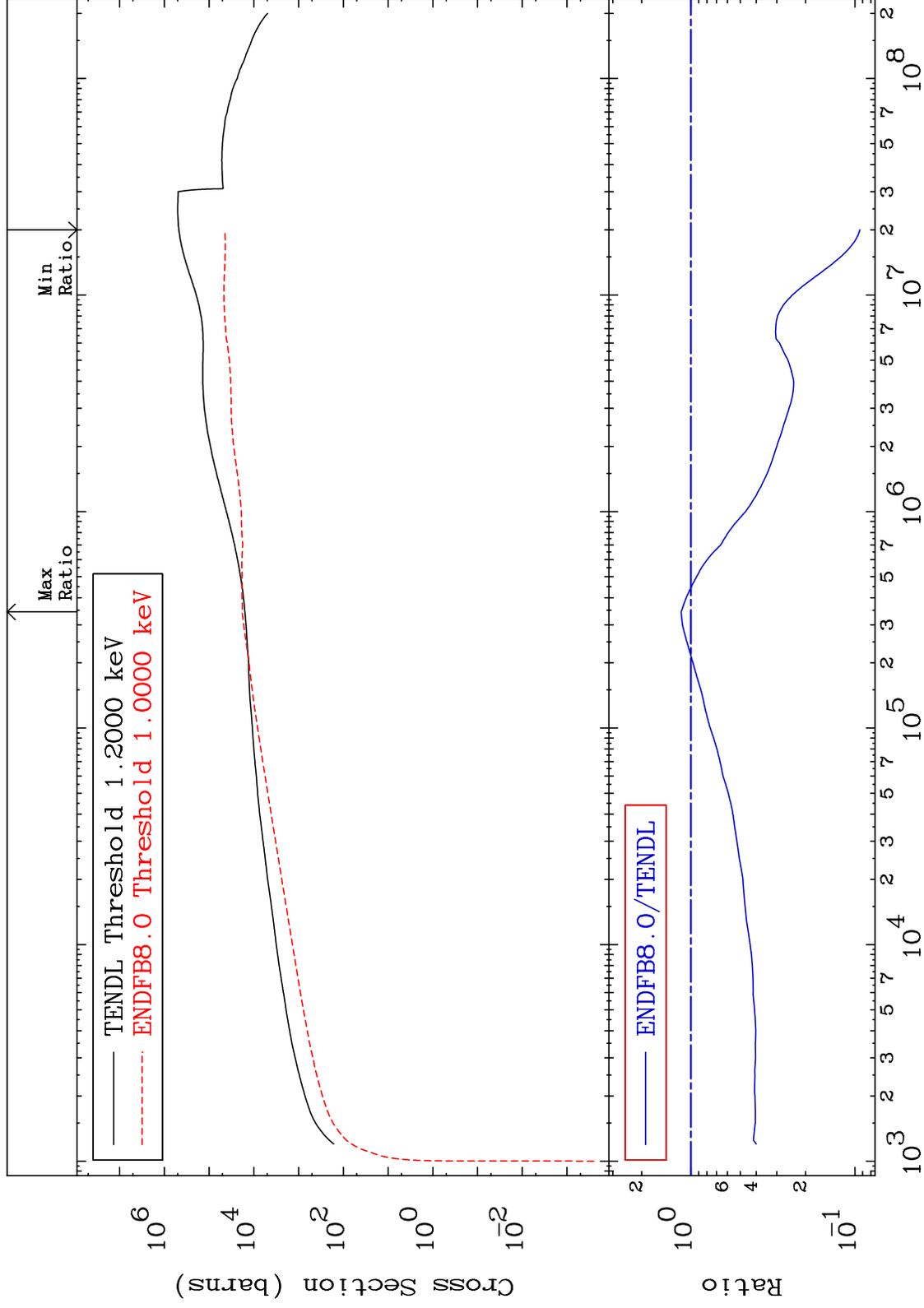


38 Incident Energy (eV) 67-Ho-166

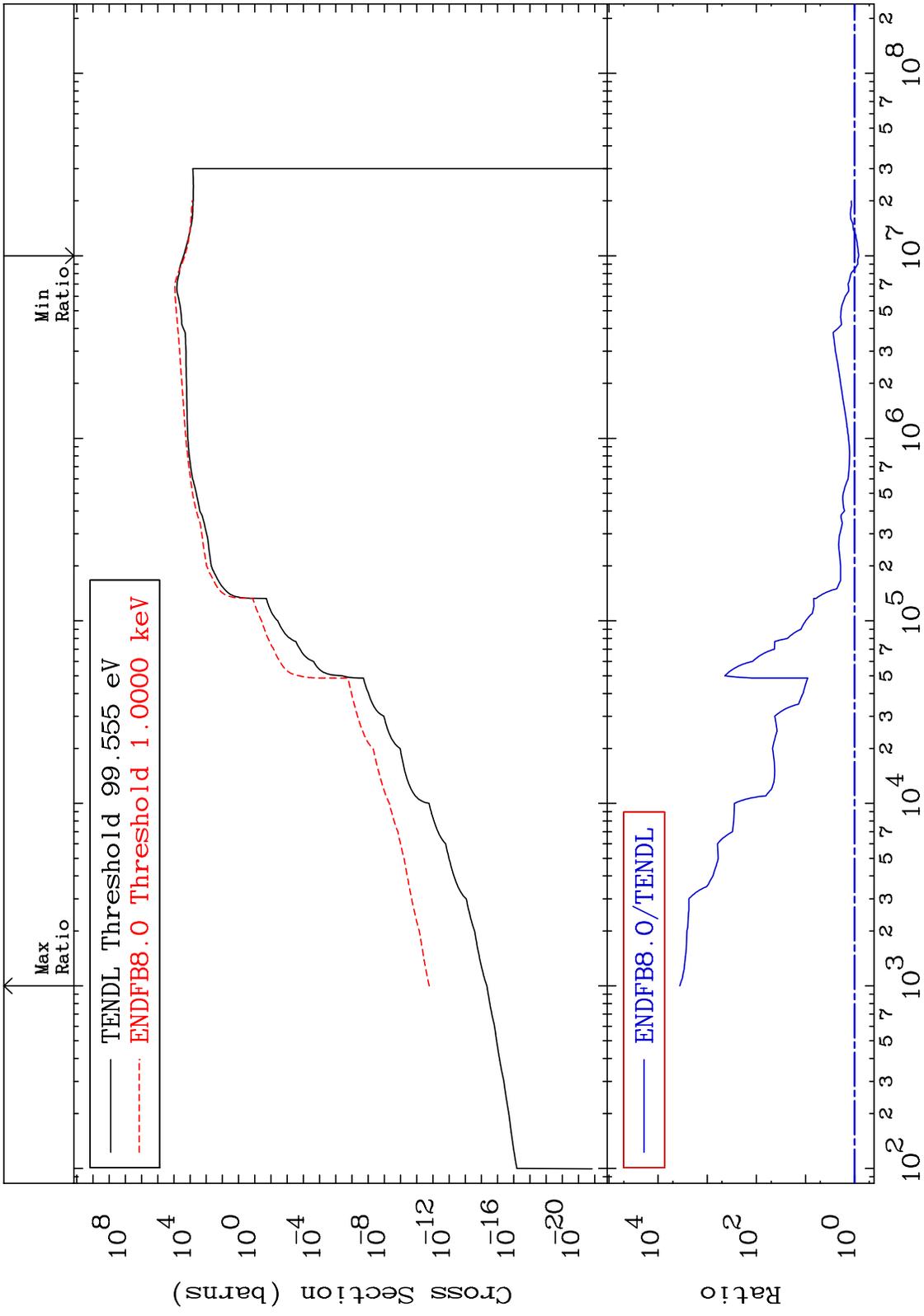
MAT 6729

Dpa elastic (mt2)
Cross Section

67-Ho-166
-90.65 To 14.73 %



MAT 6729 Dpa inelastic (mt51-91) 67-Ho-166
 Cross Section -18.02 To 9999. %



40 Incident Energy (eV) 67-Ho-166

MAT 6729 Dpa disappearance (mt102 -120) 67-Ho-166
 Cross Section -99.10 To 165.8 %

