

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

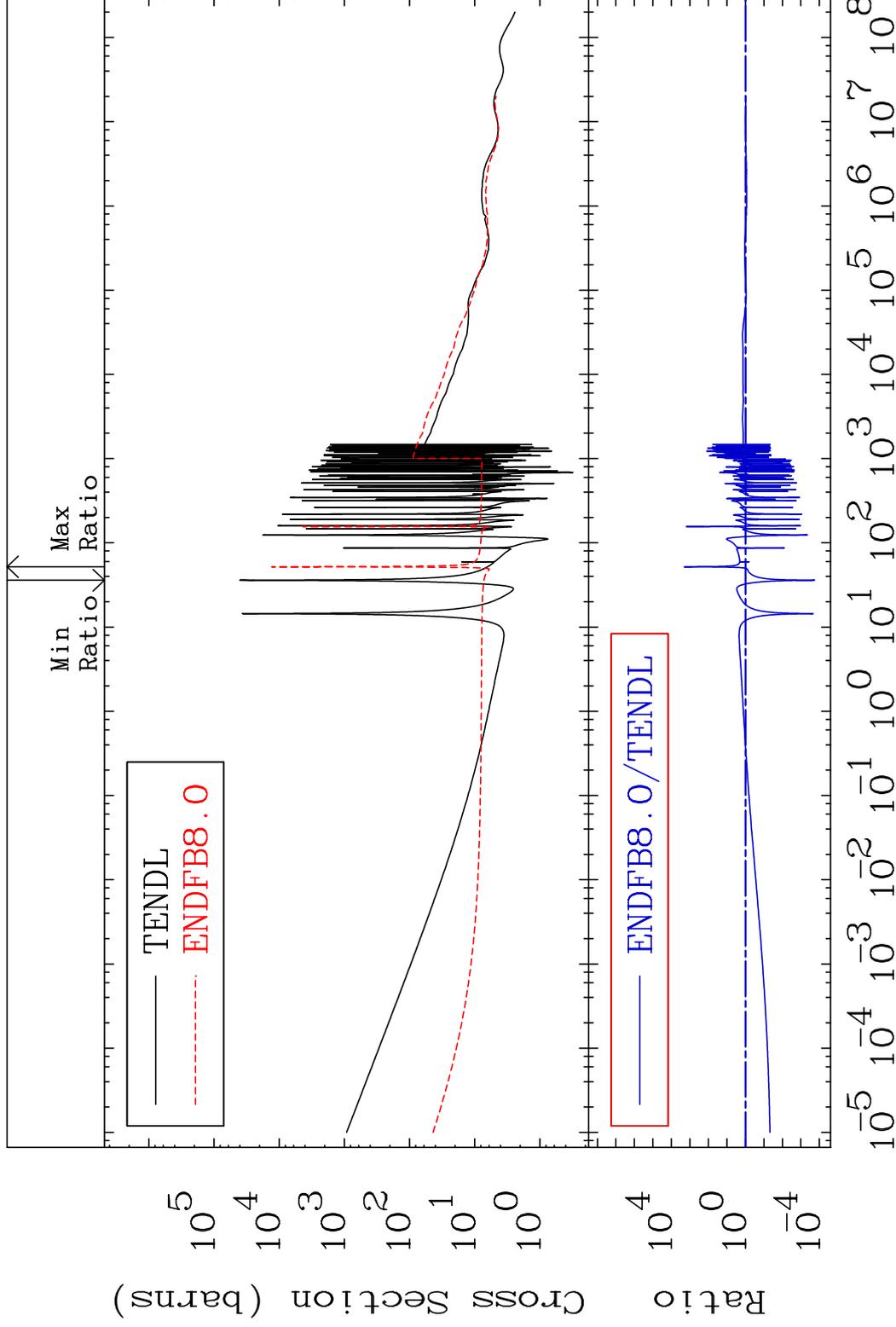
MAT 6231

Total

62-Sm-146

Cross Section

-99.98 To 9999. %



1

Incident Energy (eV)

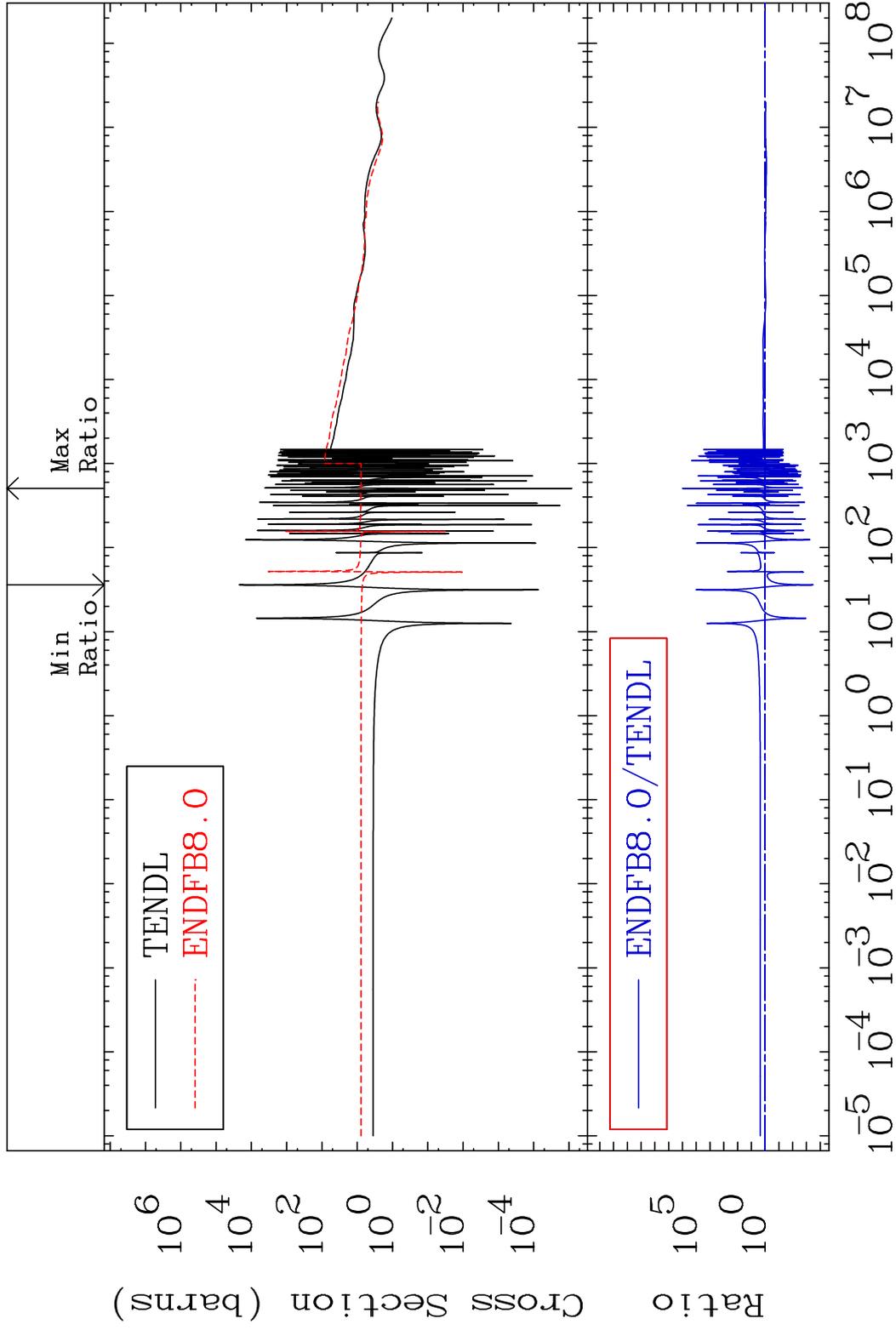
62-Sm-146

MAT 6231

Elastic

62-Sm-146

Cross Section -99.97 To 9999. %



2

Incident Energy (eV)

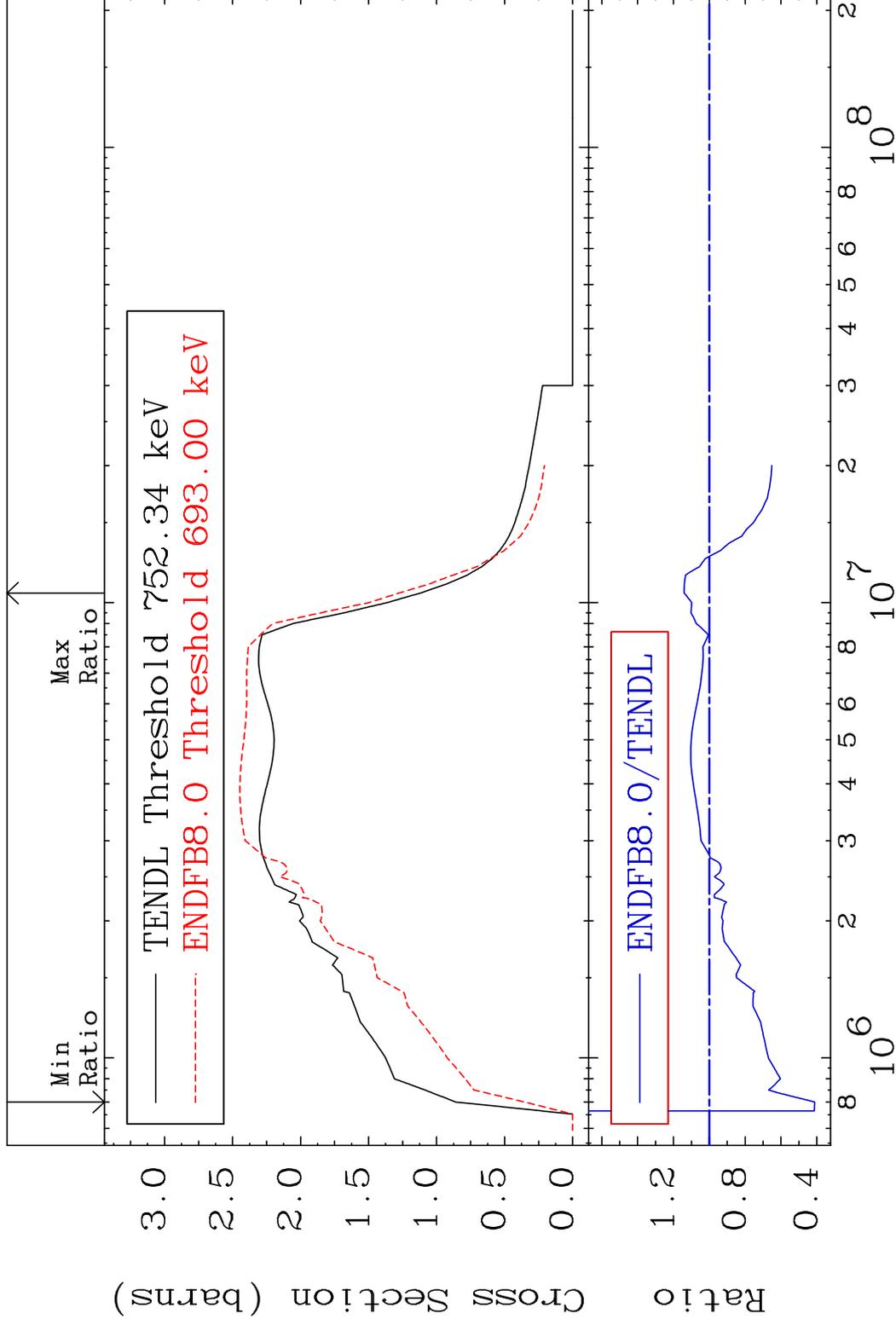
62-Sm-146

MAT 6231

Inelastic

62-Sm-146

Cross Section -58.81 To 14.05 %



3

Incident Energy (eV)

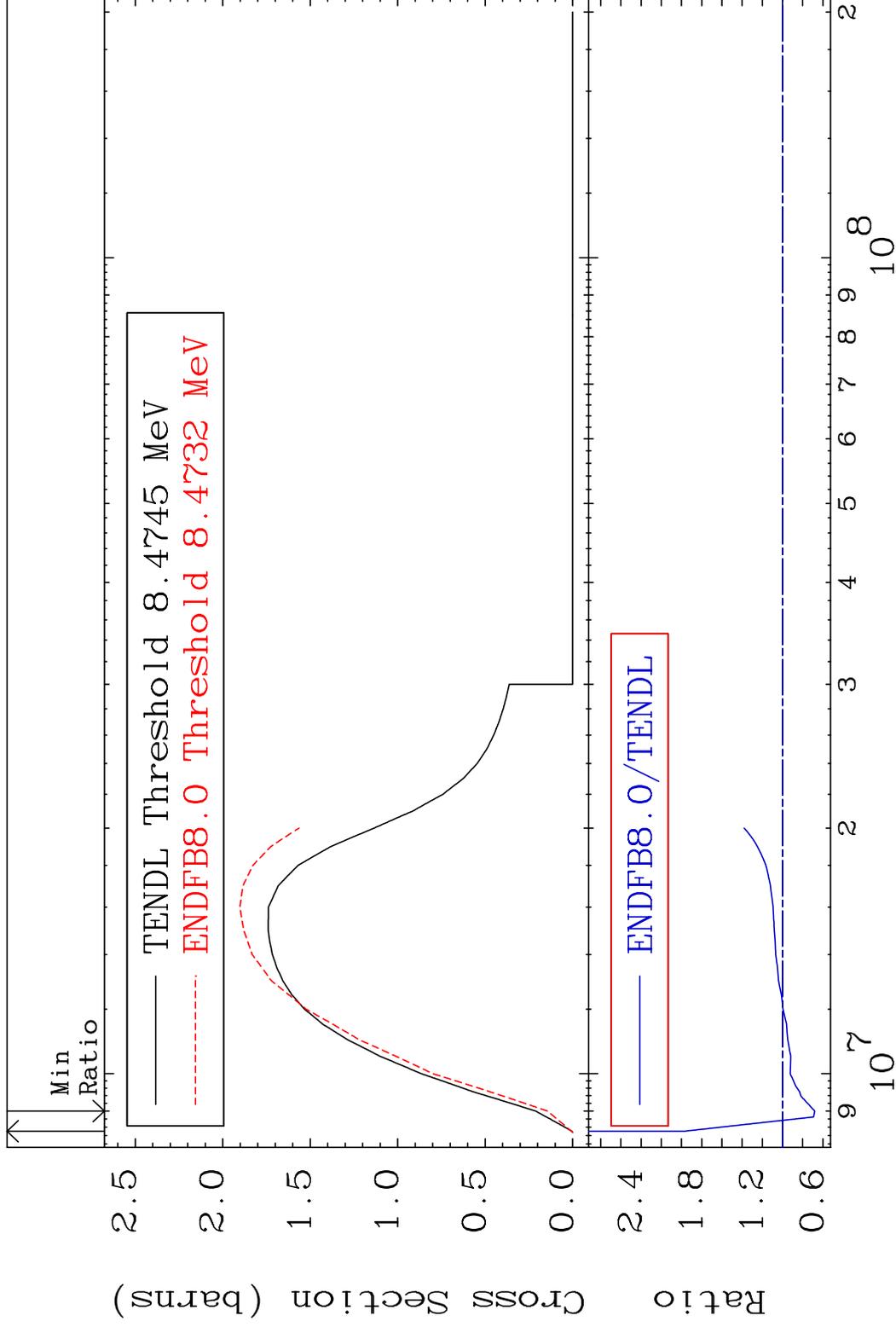
62-Sm-146

MAT 6231

(n,2n)

62-Sm-146

Cross Section -31.88 To 97.41 %

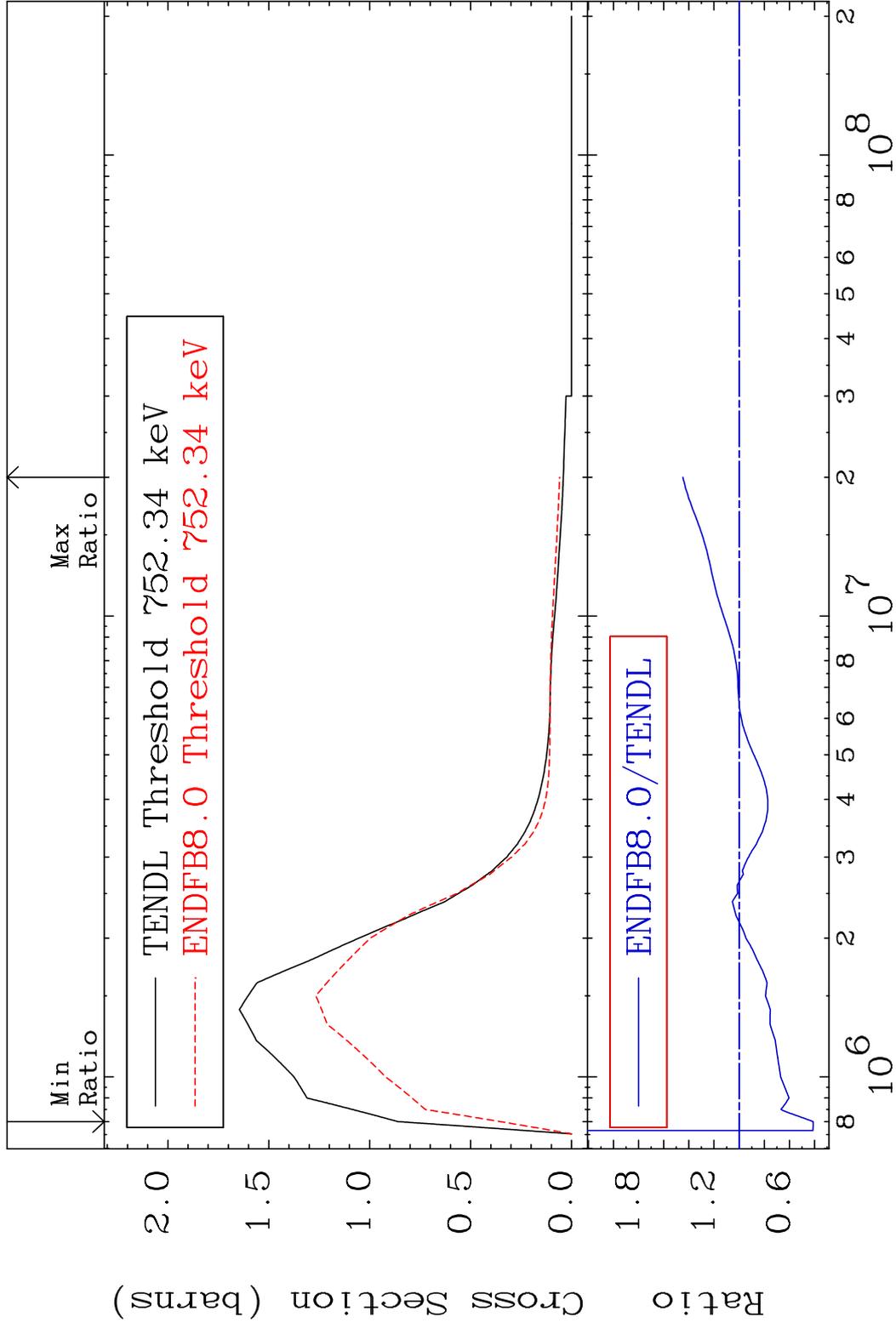


4

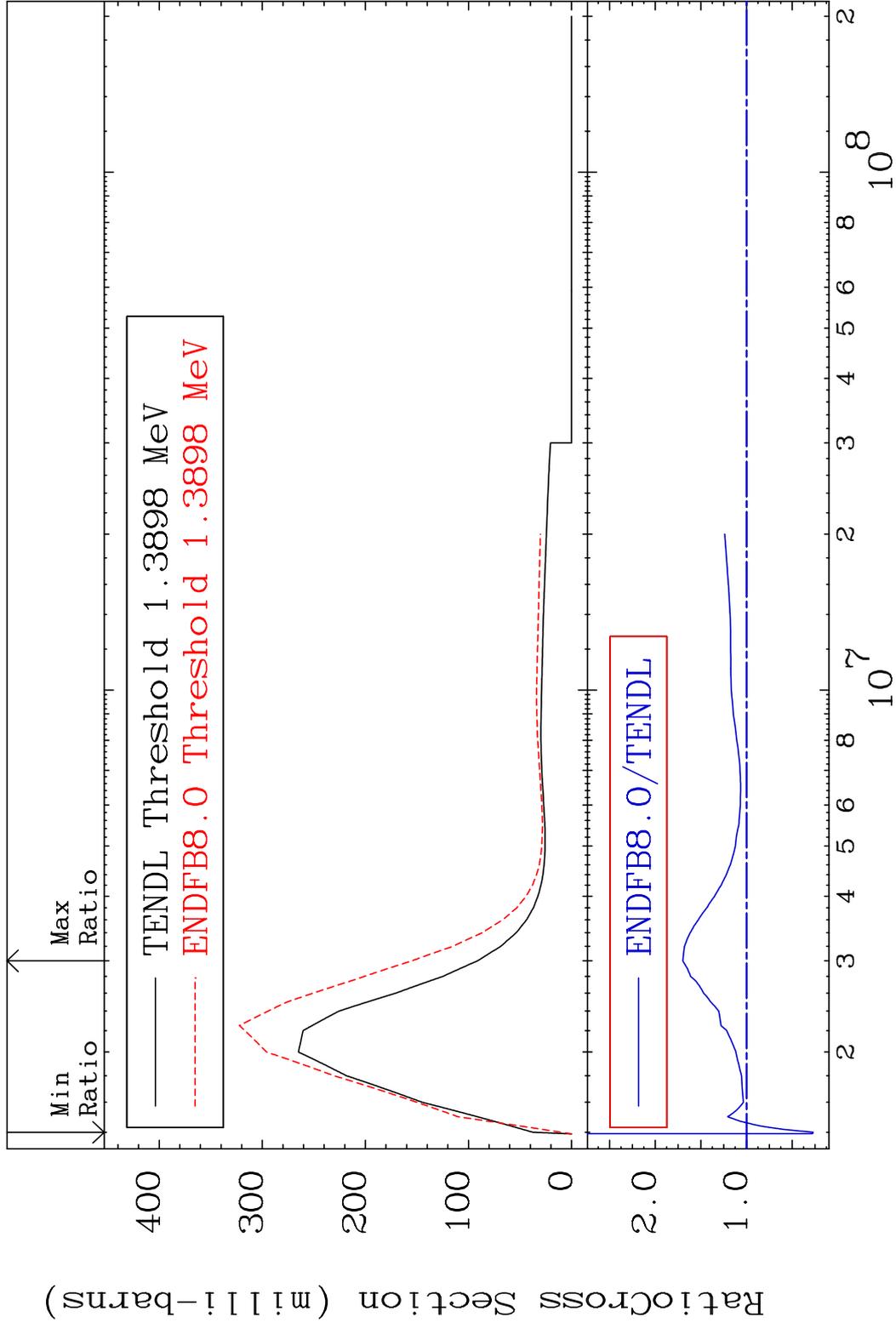
Incident Energy (eV)

62-Sm-146

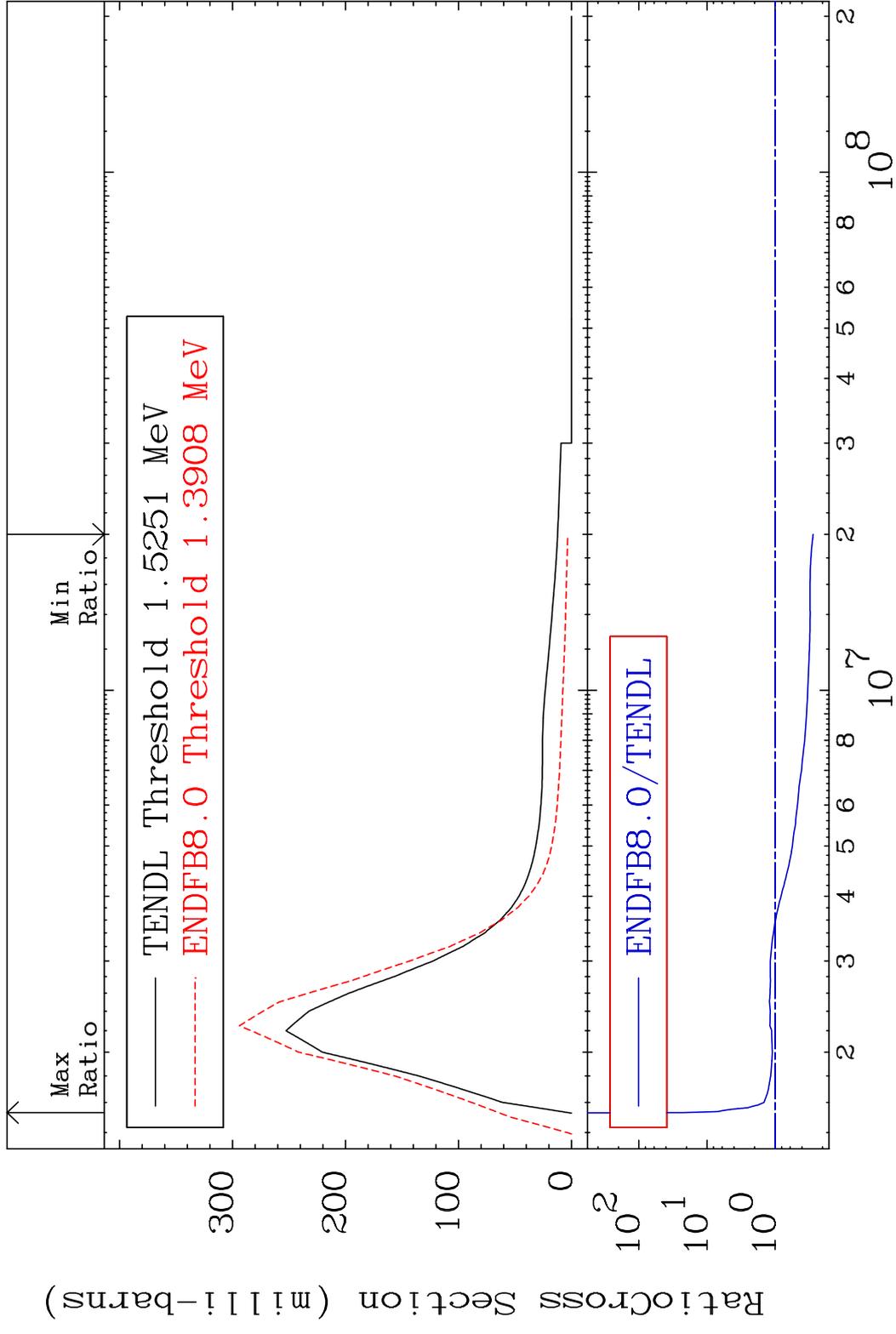
MAT 6231 MT= 51 (n, n') Level 62-Sm-146
 Cross Section -58.86 To 44.79 %



MAT 6231 MT= 52 (n, n') Level 62-Sm-146
 Cross Section -72.88 To 69.80 %



MAT 6231 MT= 53 (n, n') Level 62-Sm-146
 Cross Section -72.49 To 2162. %

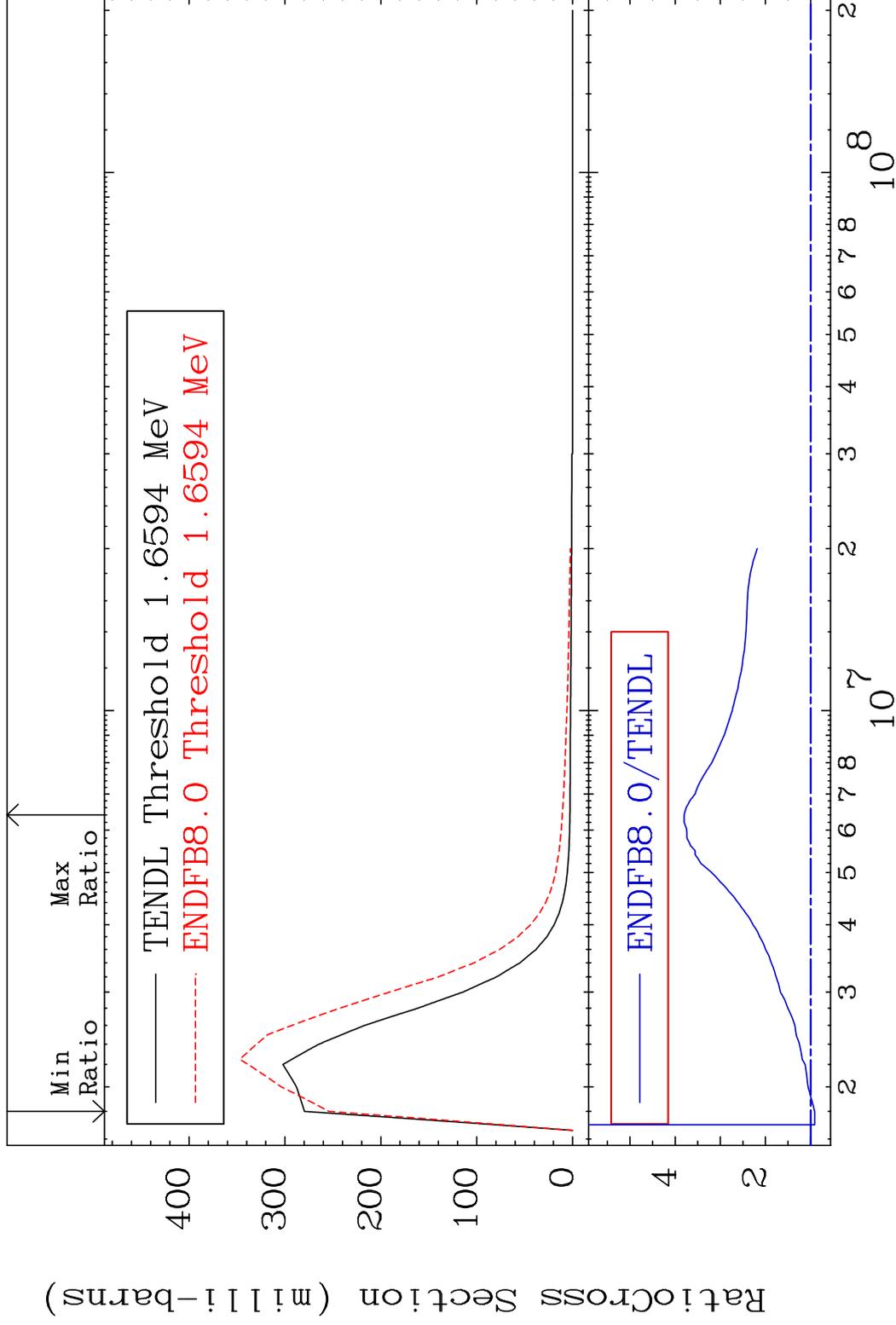


MAT 6231

MT= 54 (n, n') Level

62-Sm-146

Cross Section -9.098 To 280.1 %

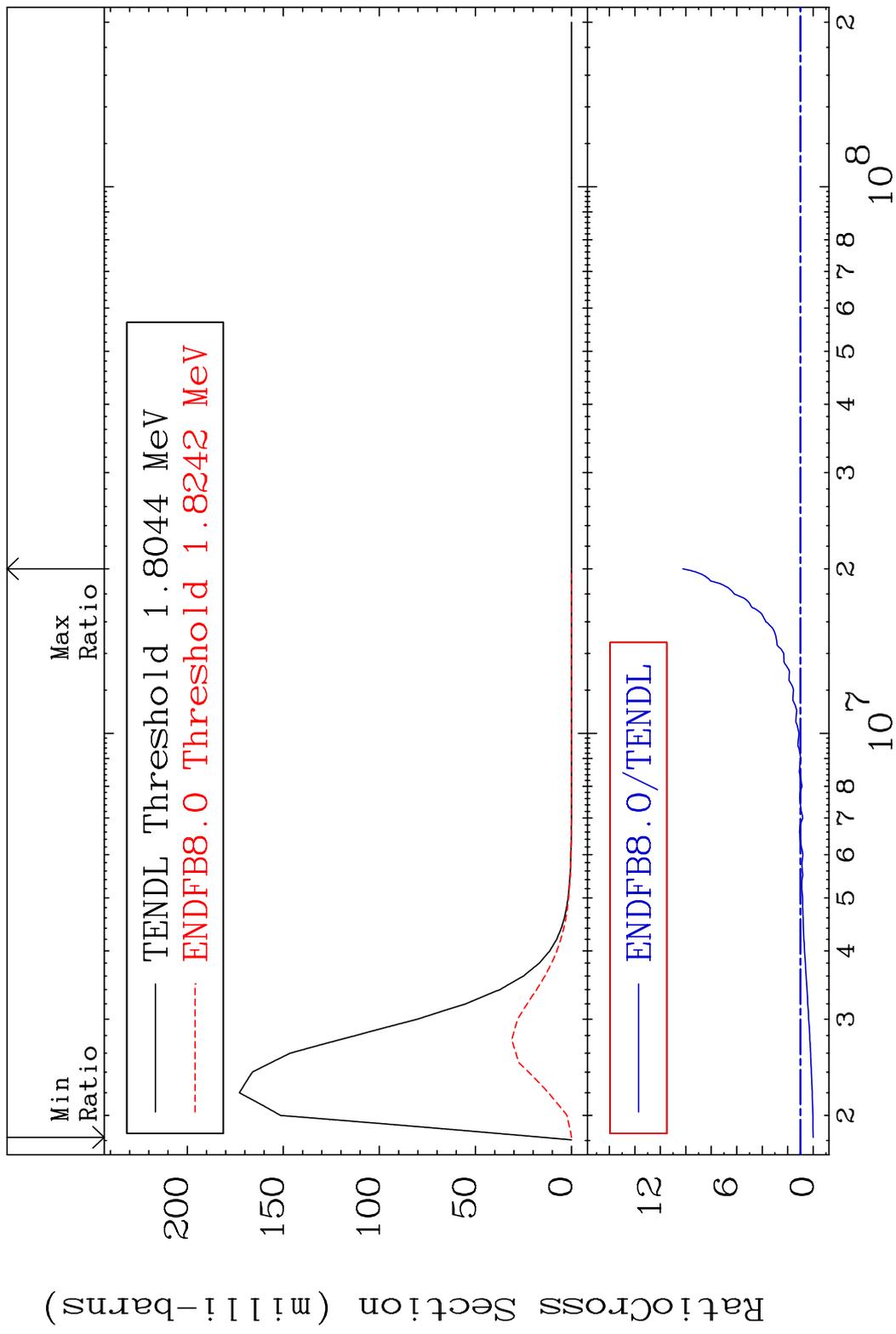


8

Incident Energy (eV)

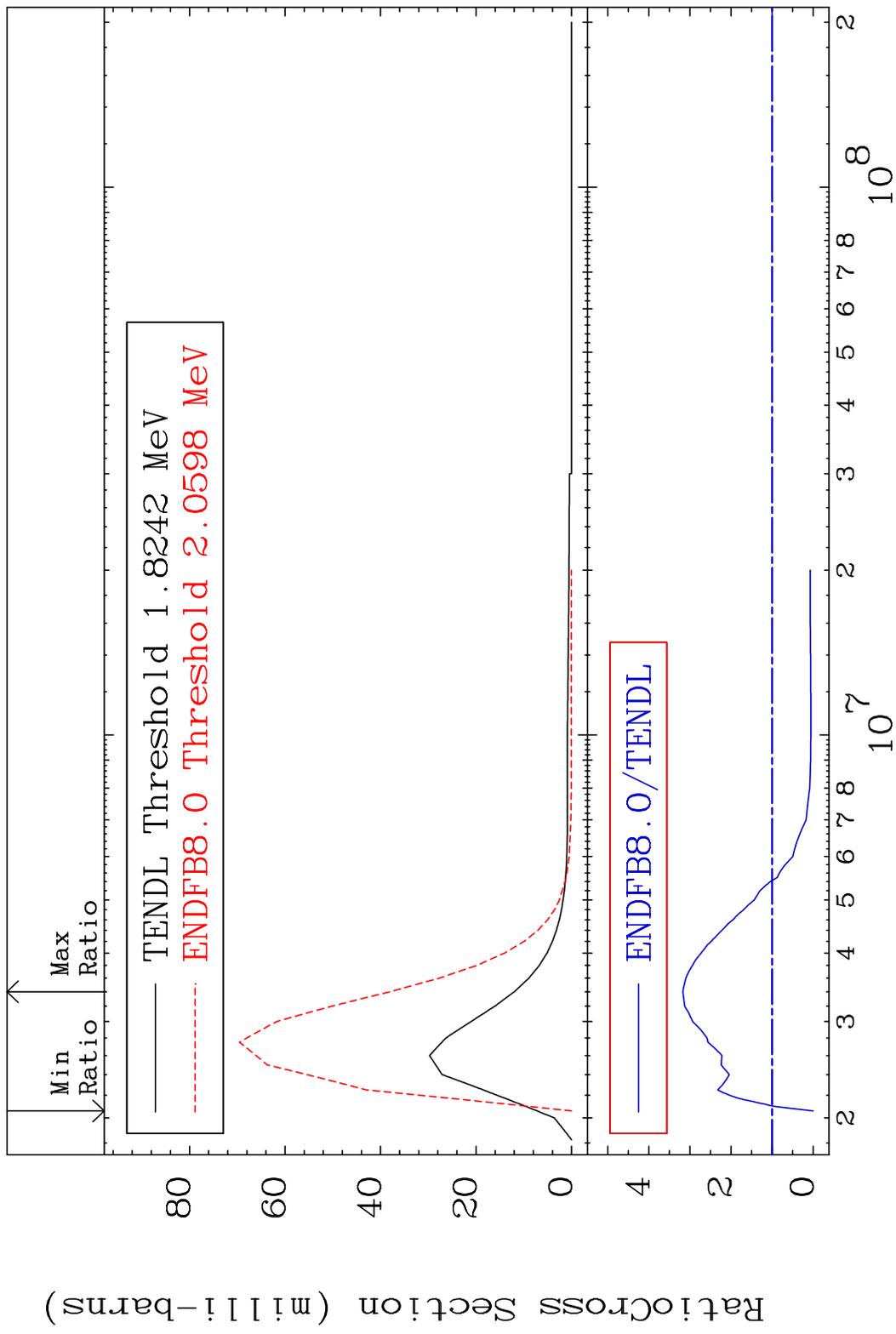
62-Sm-146

MAT 6231 MT= 55 (n, n') Level 62-Sm-146
 Cross Section -100.0 To 923.4 %



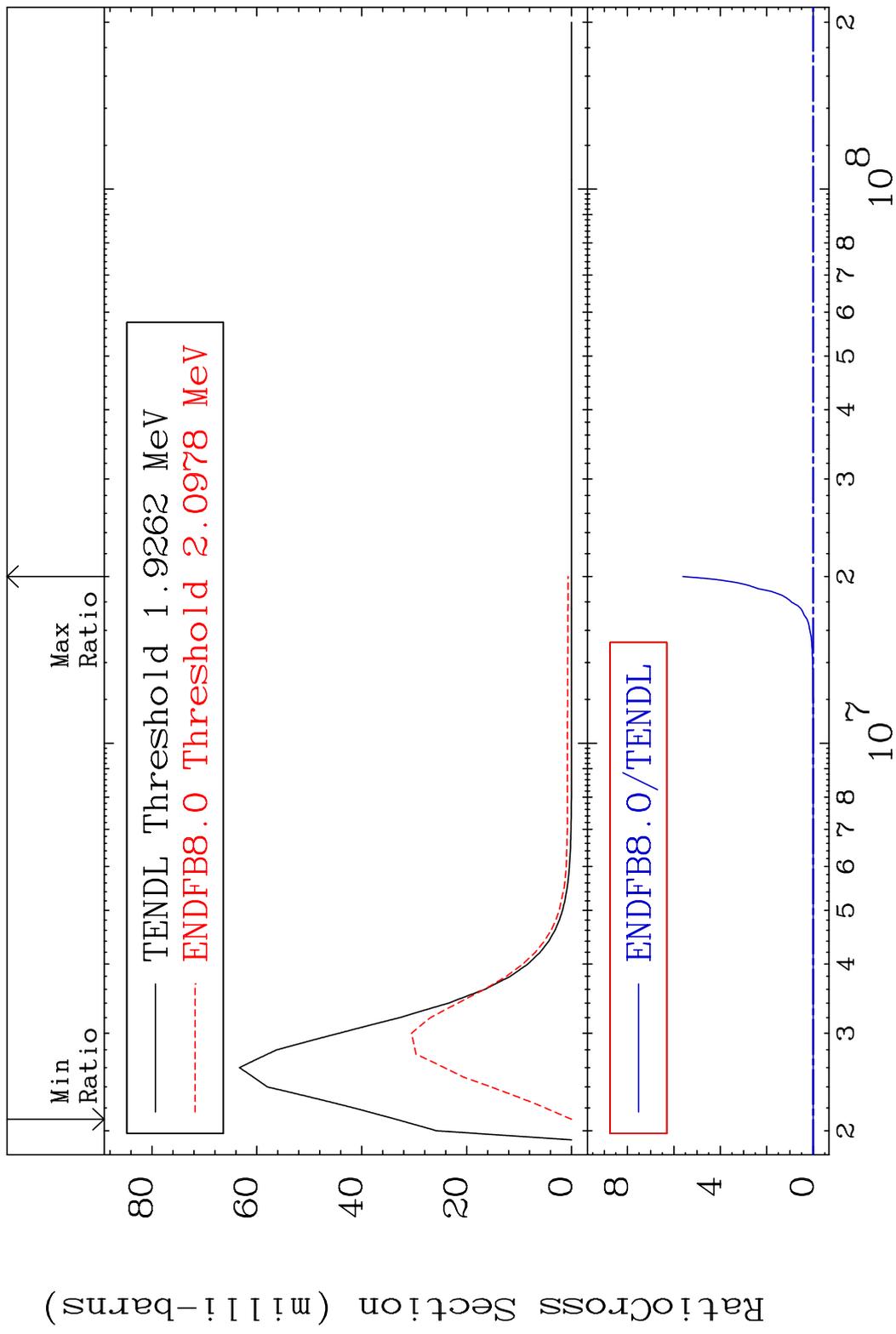
9 Incident Energy (eV) 62-Sm-146

MAT 6231 MT= 56 (n,n') Level 62-Sm-146
 Cross Section -100.0 To 217.4 %

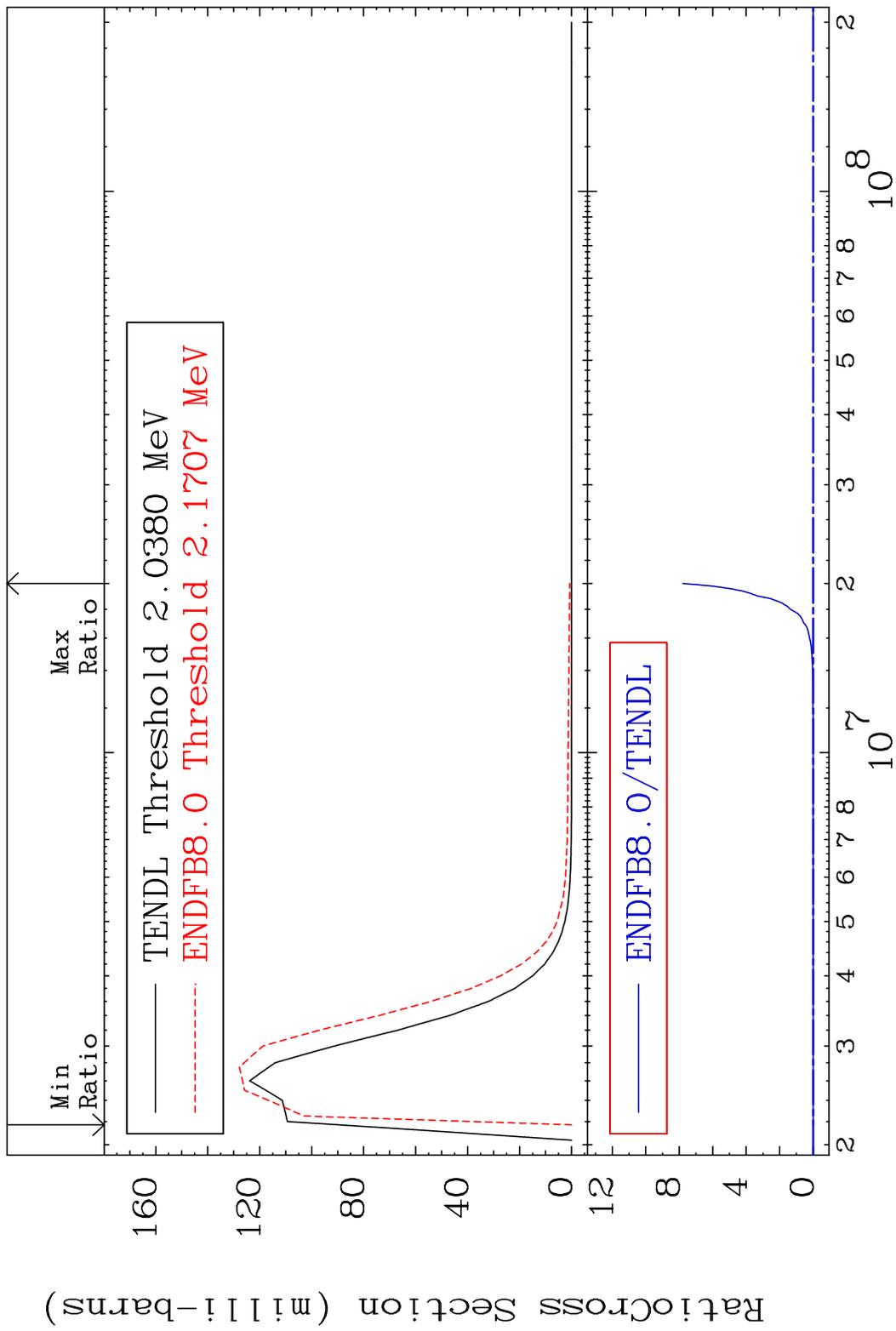


10 Incident Energy (eV) 62-Sm-146

MAT 6231 MT= 57 (n, n') Level 62-Sm-146
 Cross Section -100.0 To 9999. %

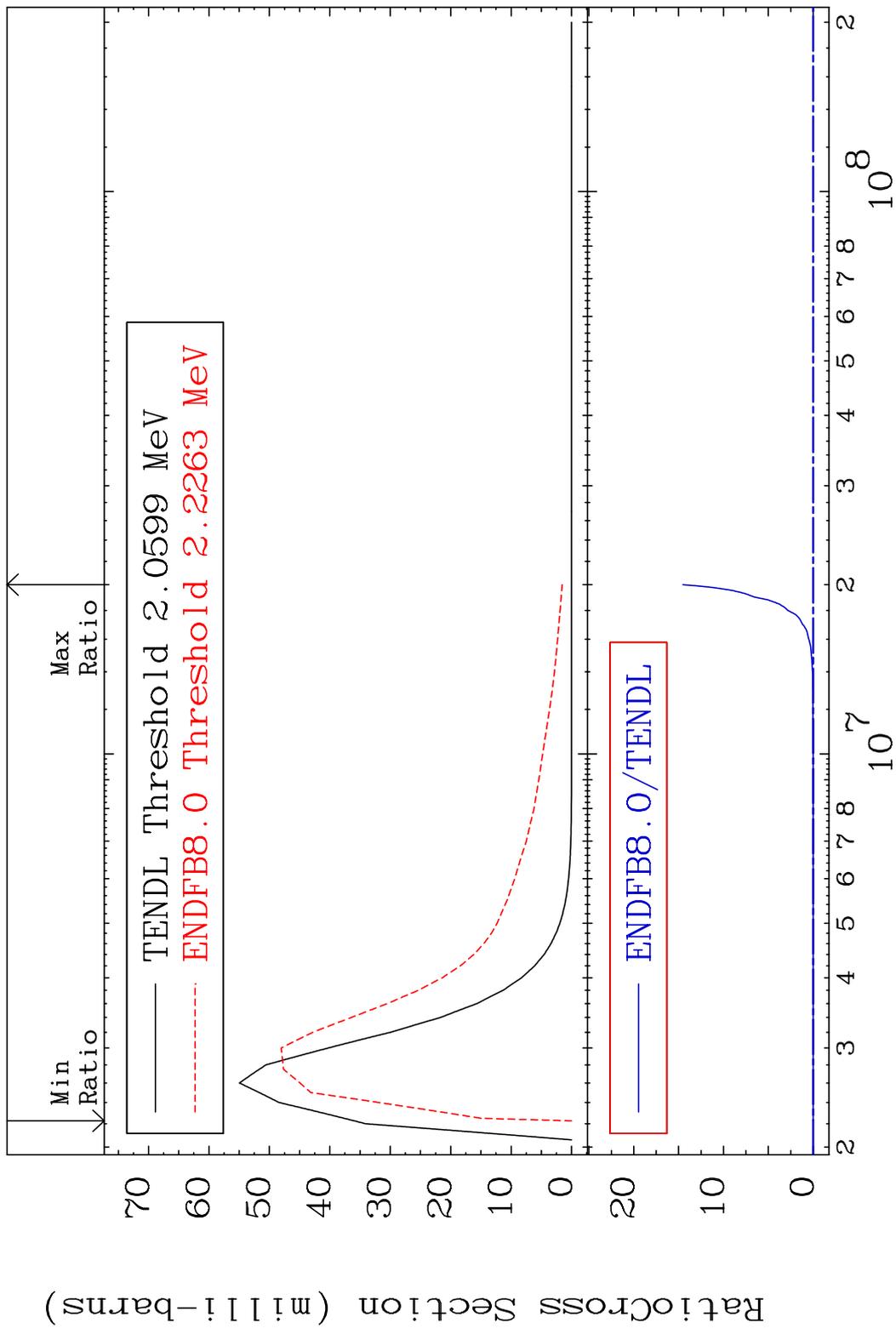


MAT 6231 MT= 58 (n, n') Level 62-Sm-146
 Cross Section -100.0 To 9999. %

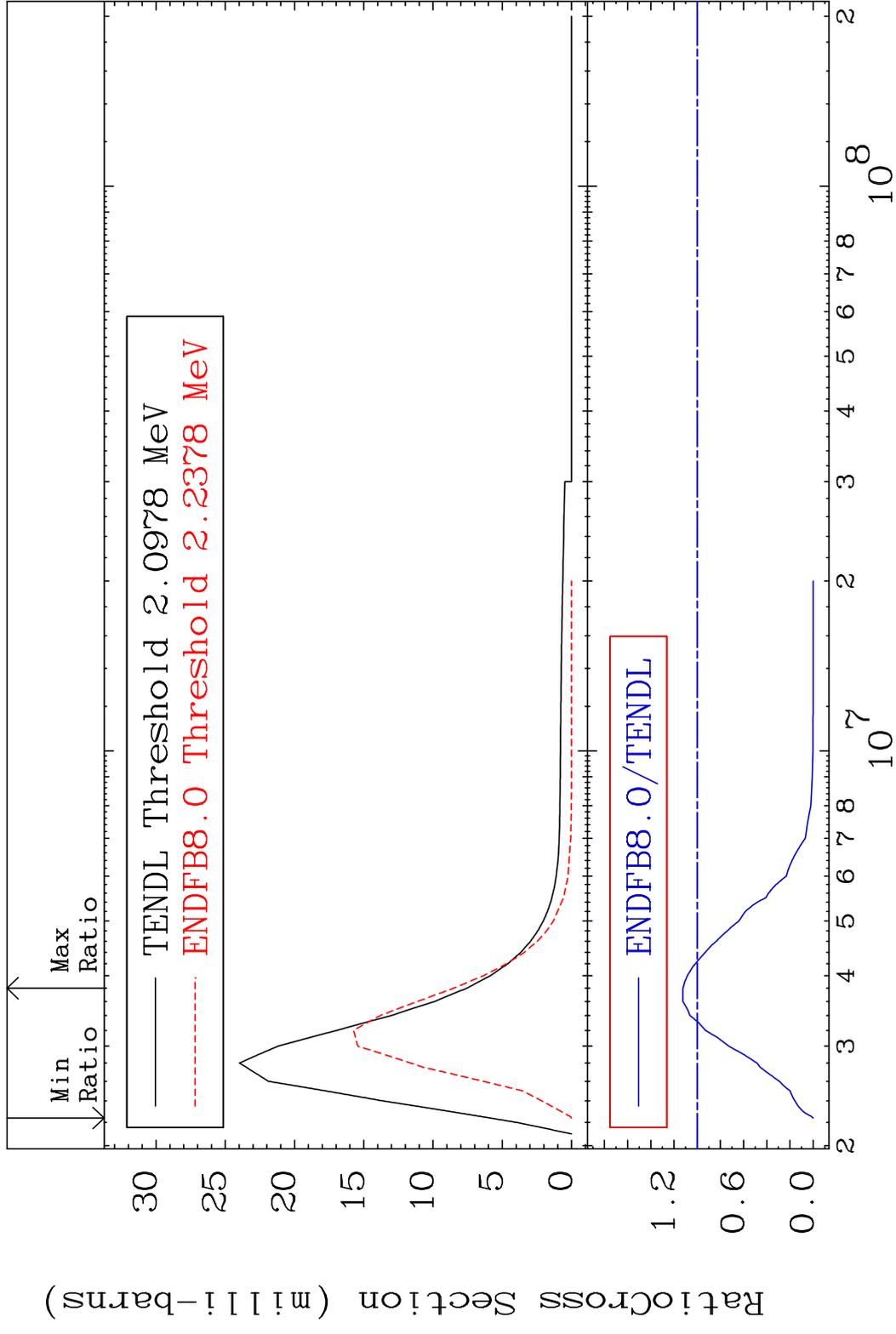


12 Incident Energy (eV) 62-Sm-146

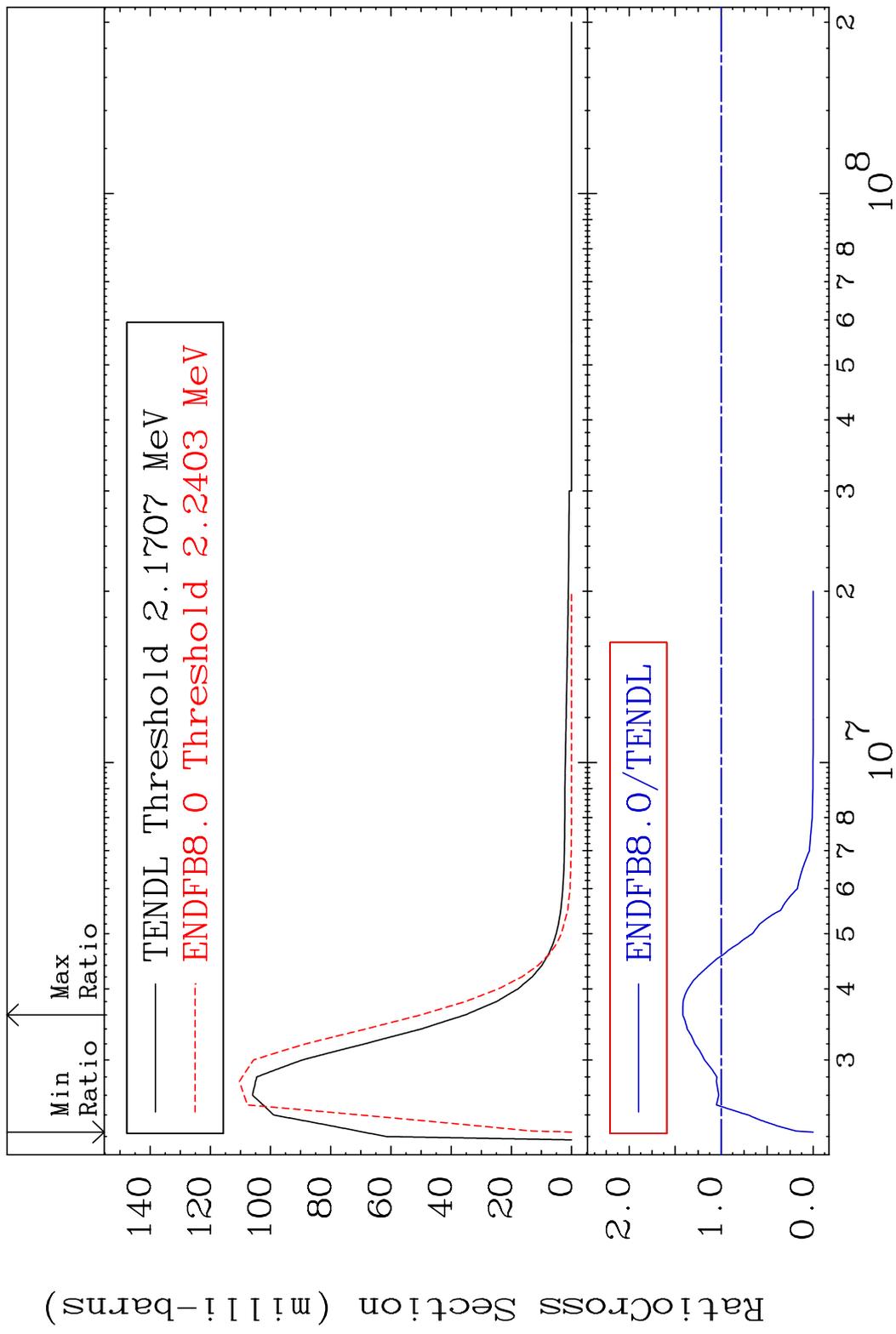
MAT 6231 MT= 59 (n, n') Level 62-Sm-146
 Cross Section -100.0 To 9999. %



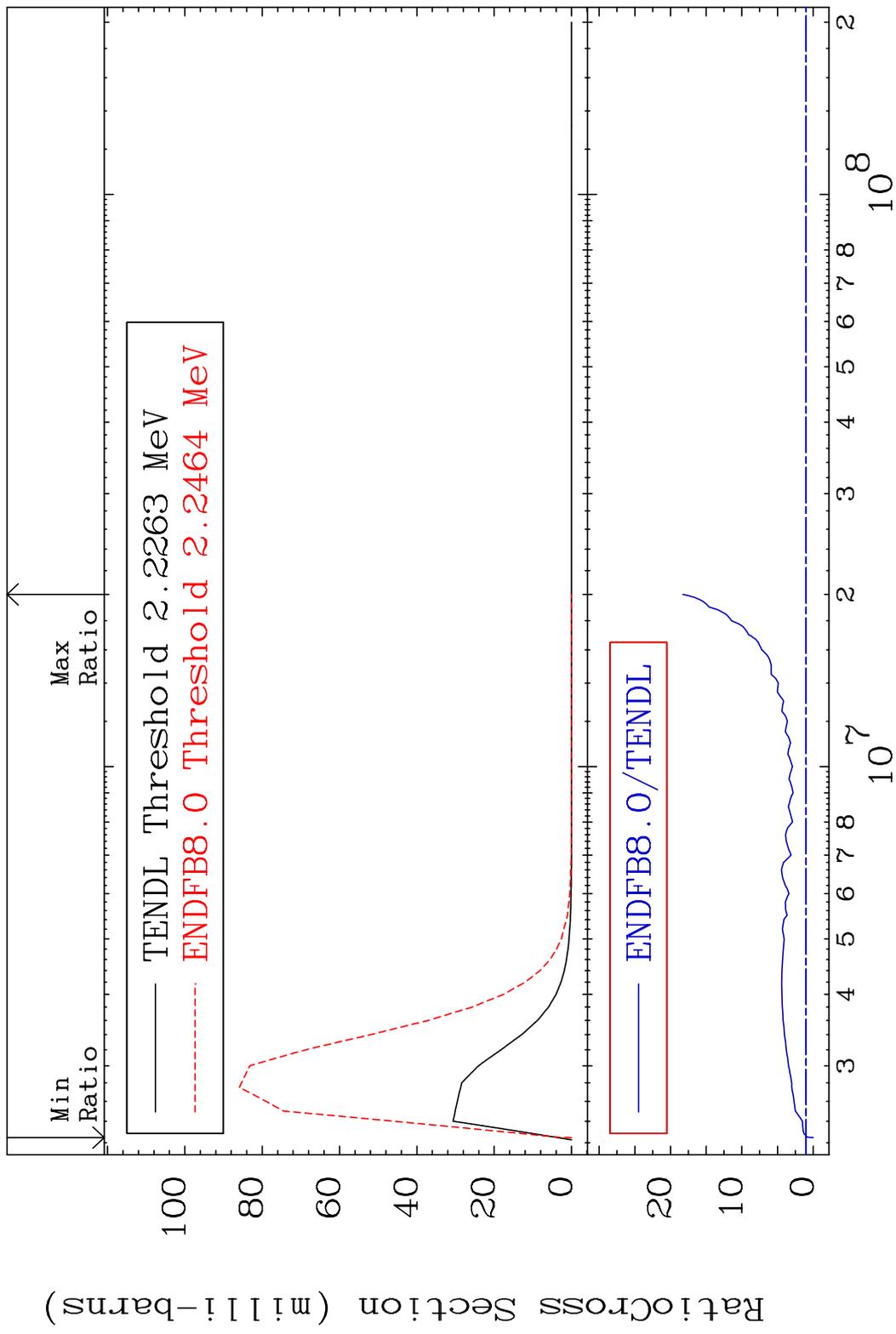
MAT 6231 MT= 60 (n,n') Level 62-Sm-146
 Cross Section -100.0 To 12.40 %



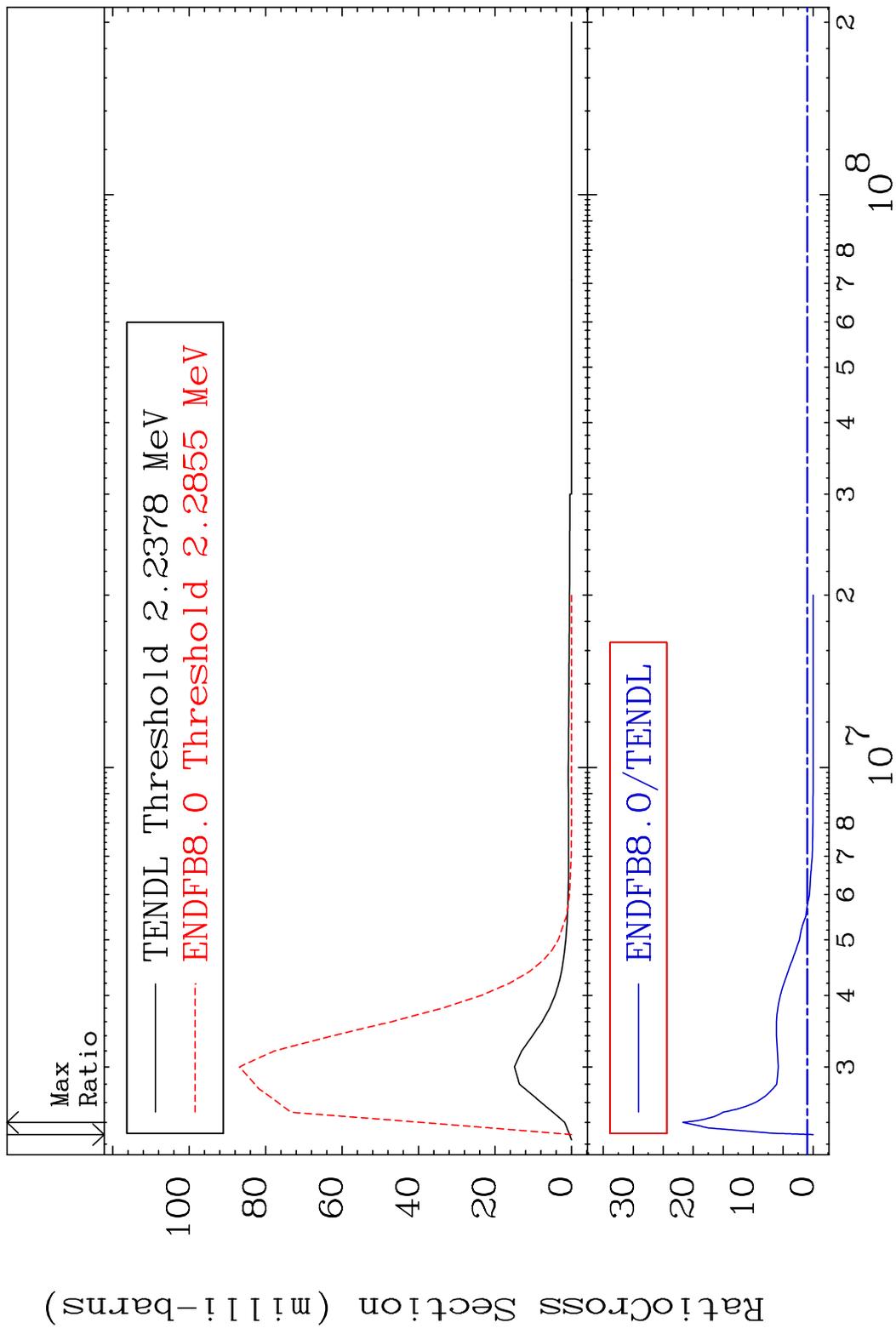
MAT 6231 MT= 61 (n,n') Level 62-Sm-146
 Cross Section -100.0 To 41.62 %



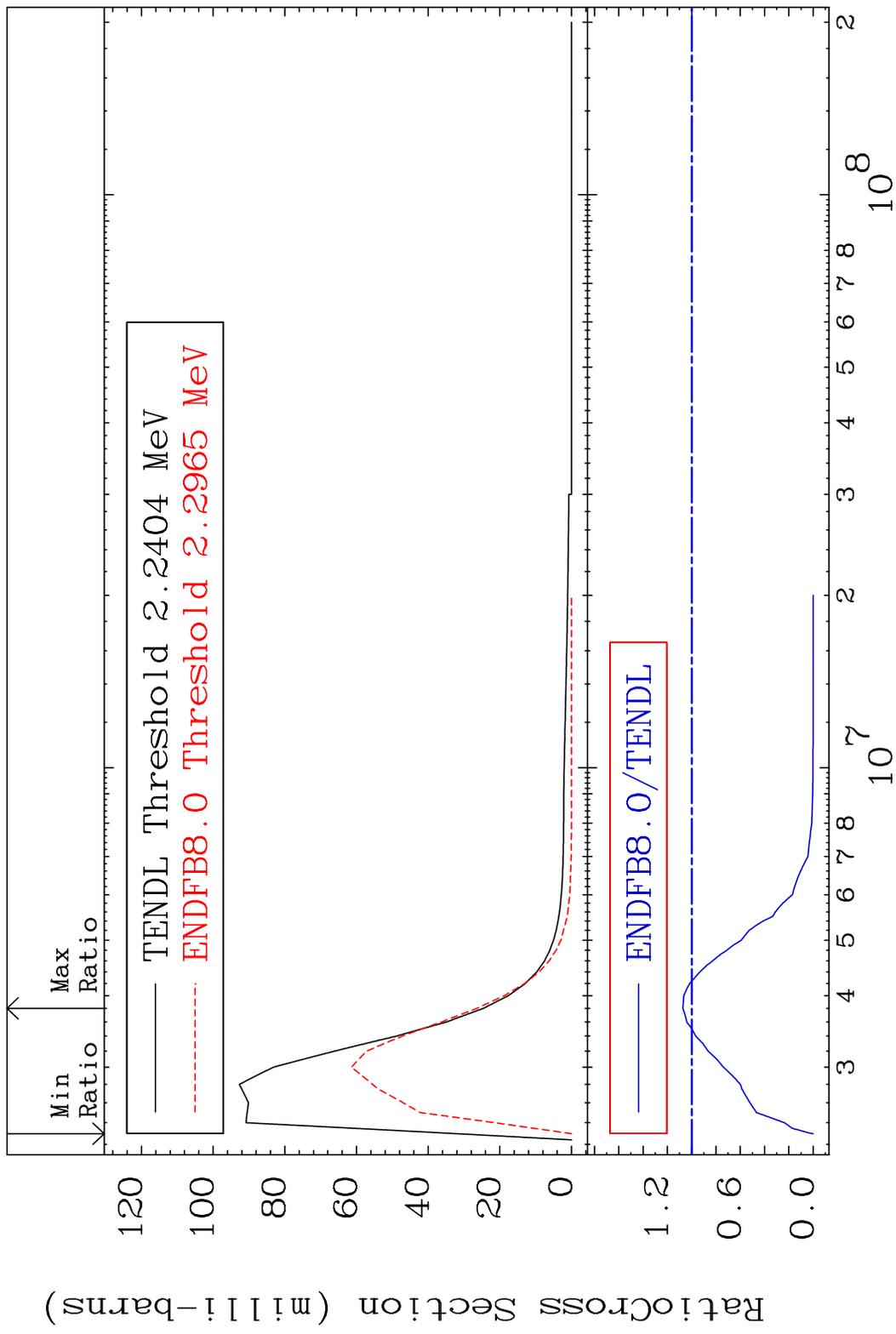
MAT 6231 MT= 62 (n, n') Level 62-Sm-146
 Cross Section -100.0 To 1727. %



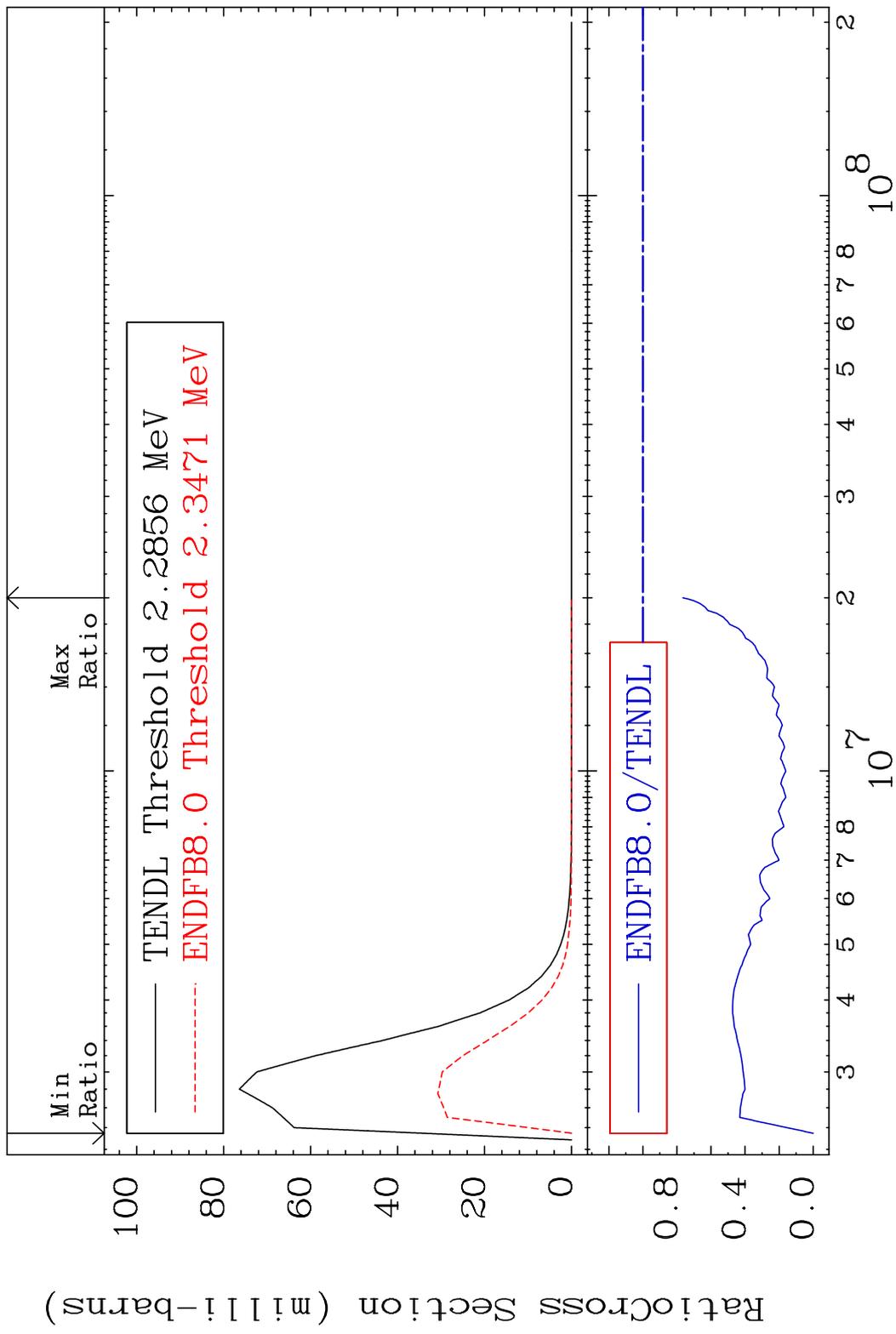
MAT 6231 MT= 63 (n, n') Level 62-Sm-146
 Cross Section -100.0 To 2073. %



MAT 6231 MT= 64 (n,n') Level 62-Sm-146
 Cross Section -100.0 To 7.276 %



MAT 6231 MT= 65 (n, n') Level 62-Sm-146
 Cross Section -100.0 To -23.47%

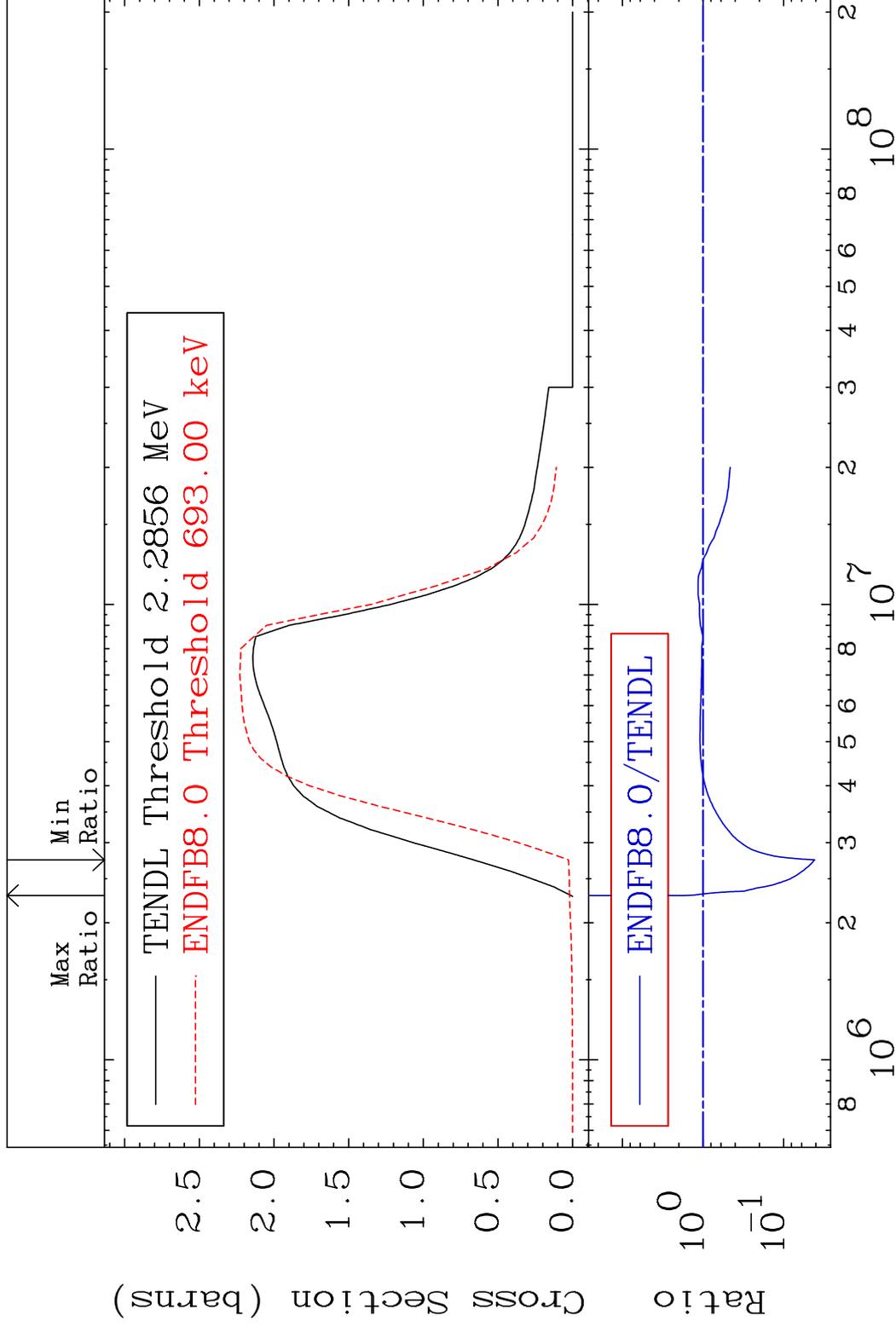


MAT 6231

(n, n') Continuum

62-Sm-146

Cross Section -95.87 To 71.85 %



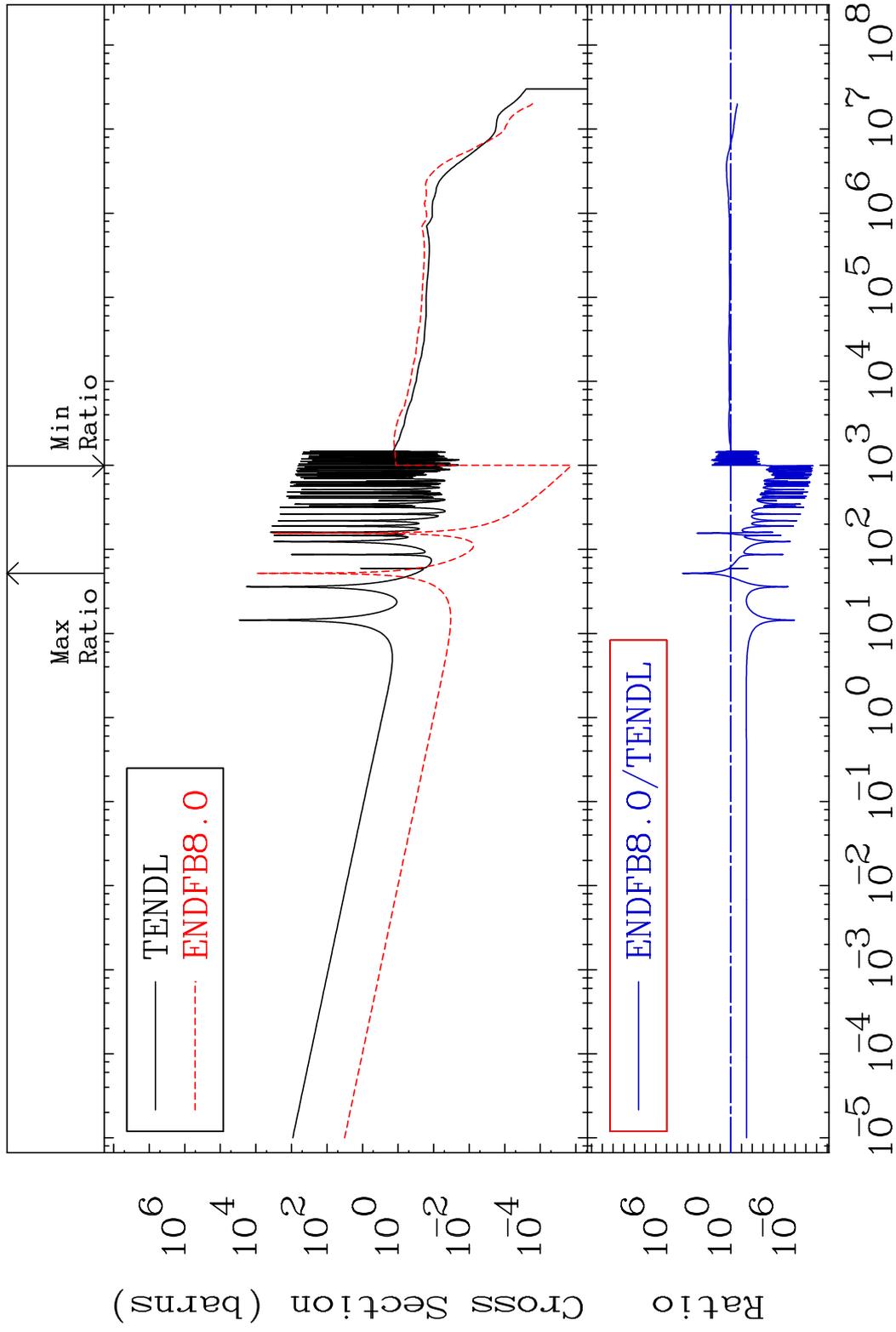
20

Incident Energy (eV)

62-Sm-146

MAT 6231

(n, γ)
Cross Section -100.0 To 9999. %
62-Sm-146



21

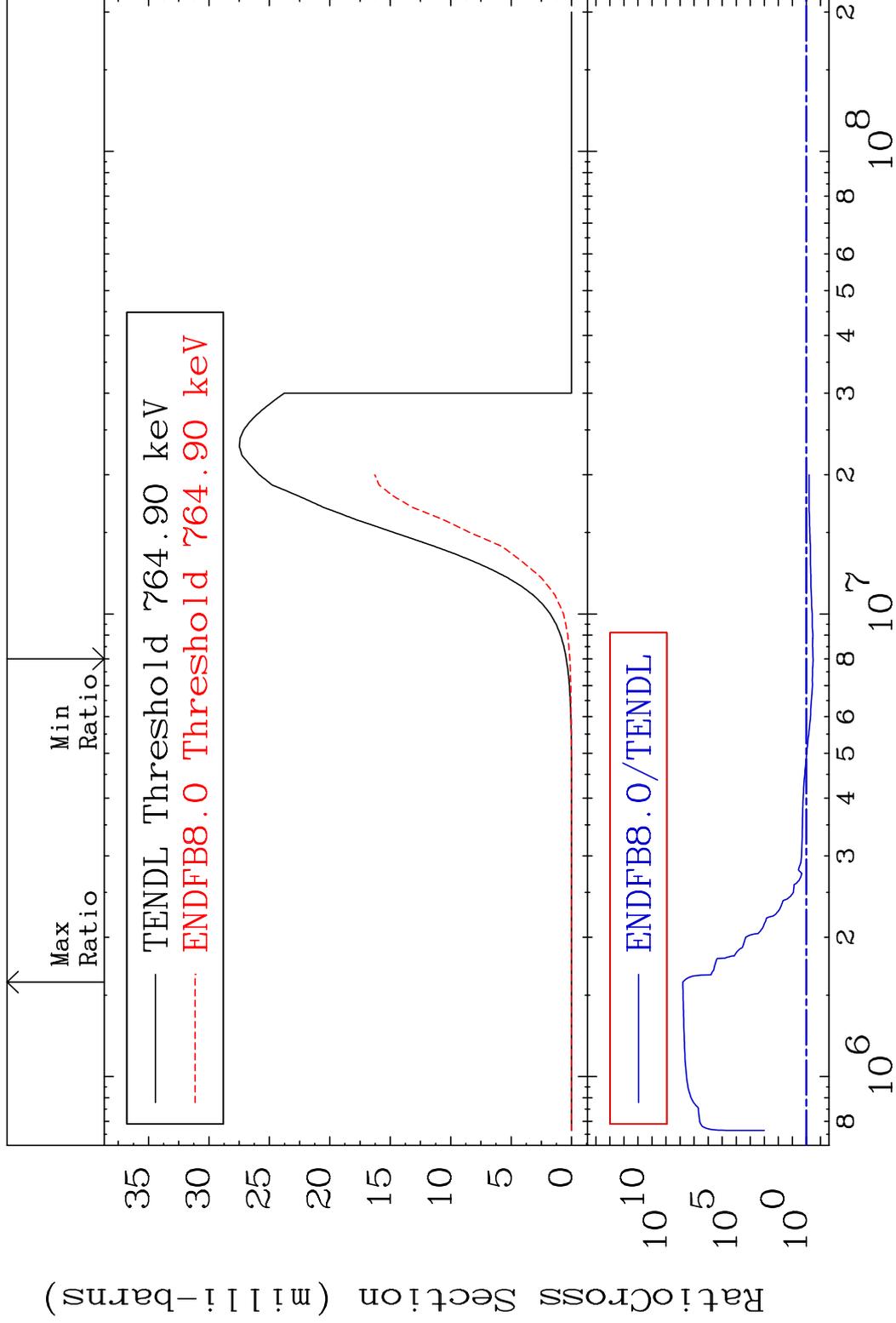
Incident Energy (eV) 62-Sm-146

MAT 6231

(n,p)

62-Sm-146

Cross Section -67.04 To 9999. %



22

Incident Energy (eV)

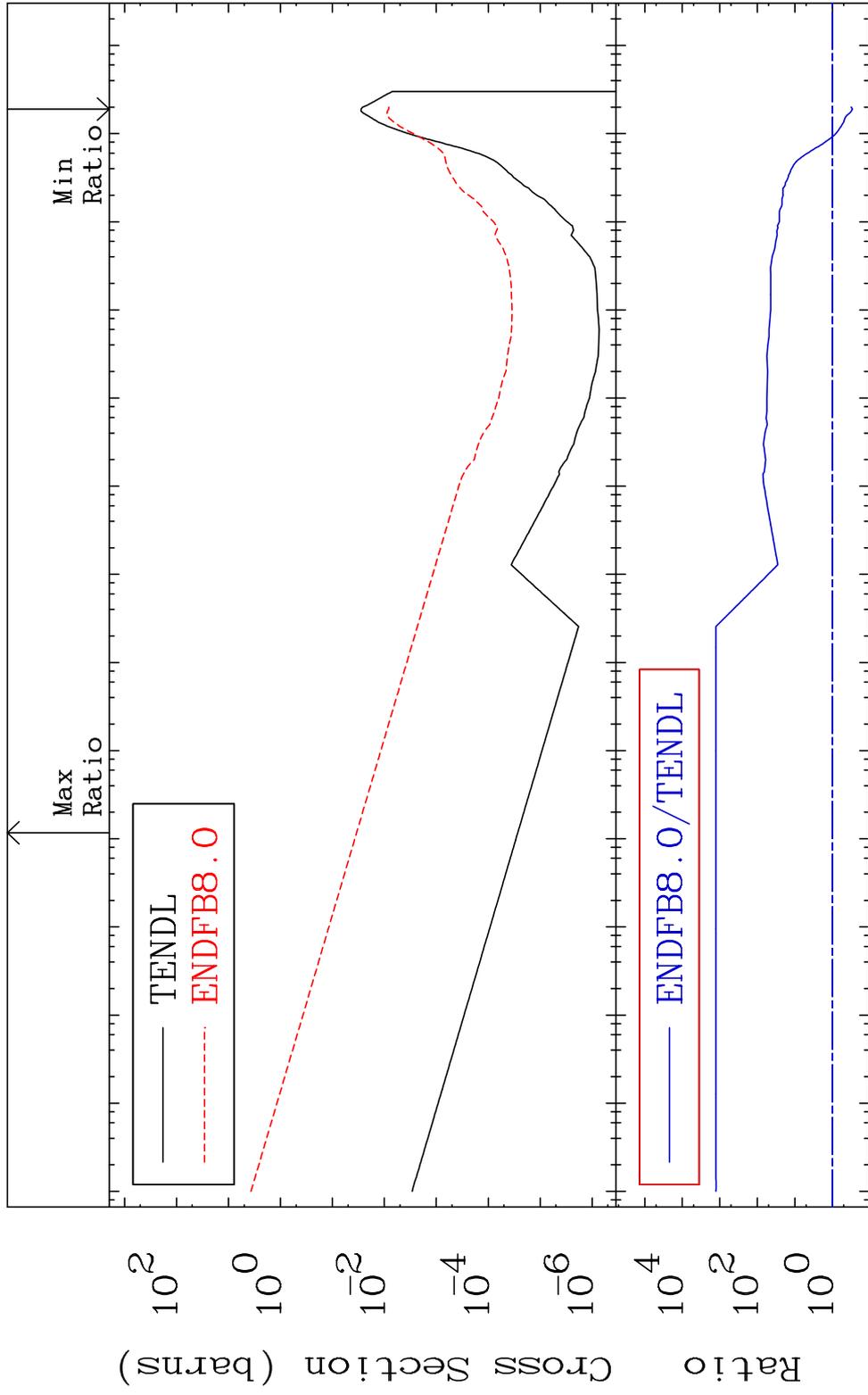
62-Sm-146

MAT 6231

(n, α)

62-Sm-146

Cross Section -70.93 To 9999. %



23

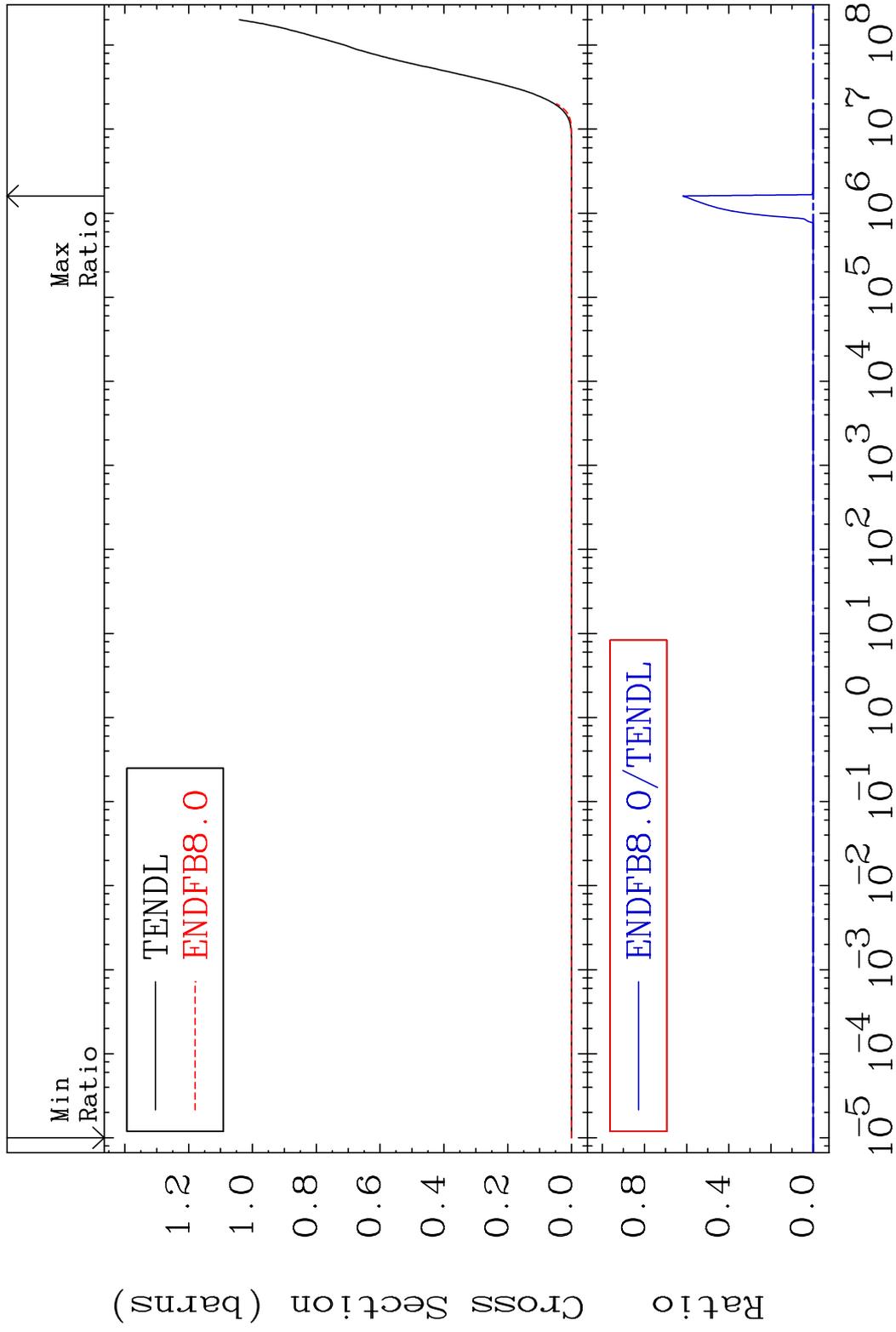
Incident Energy (eV)

62-Sm-146

MAT 6231

Hydrogen Production 62-Sm-146

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

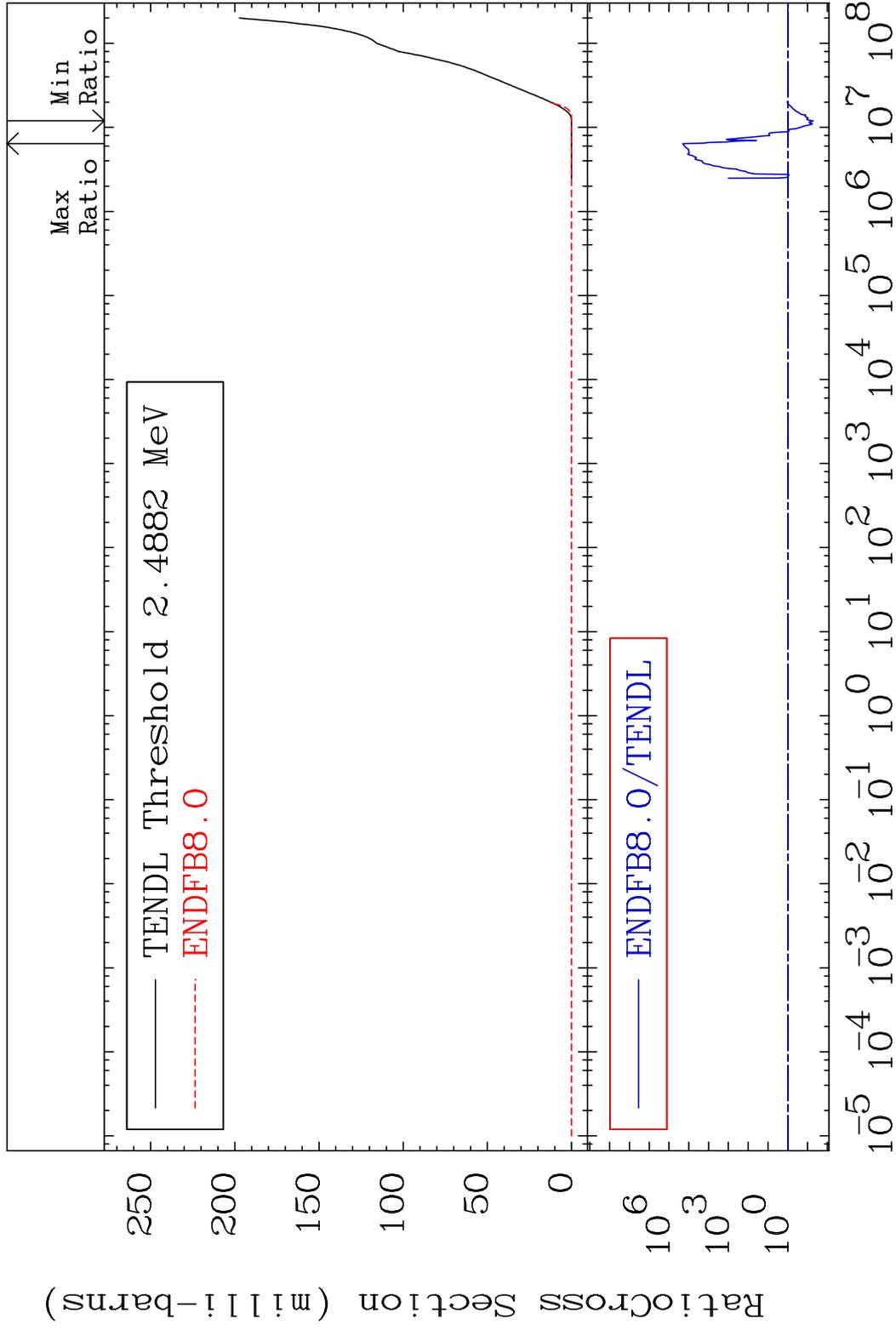
62-Sm-146

MAT 6231

Deuterium Production

62-Sm-146

Cross Section -94.77 To 9999. %



25

Incident Energy (eV)

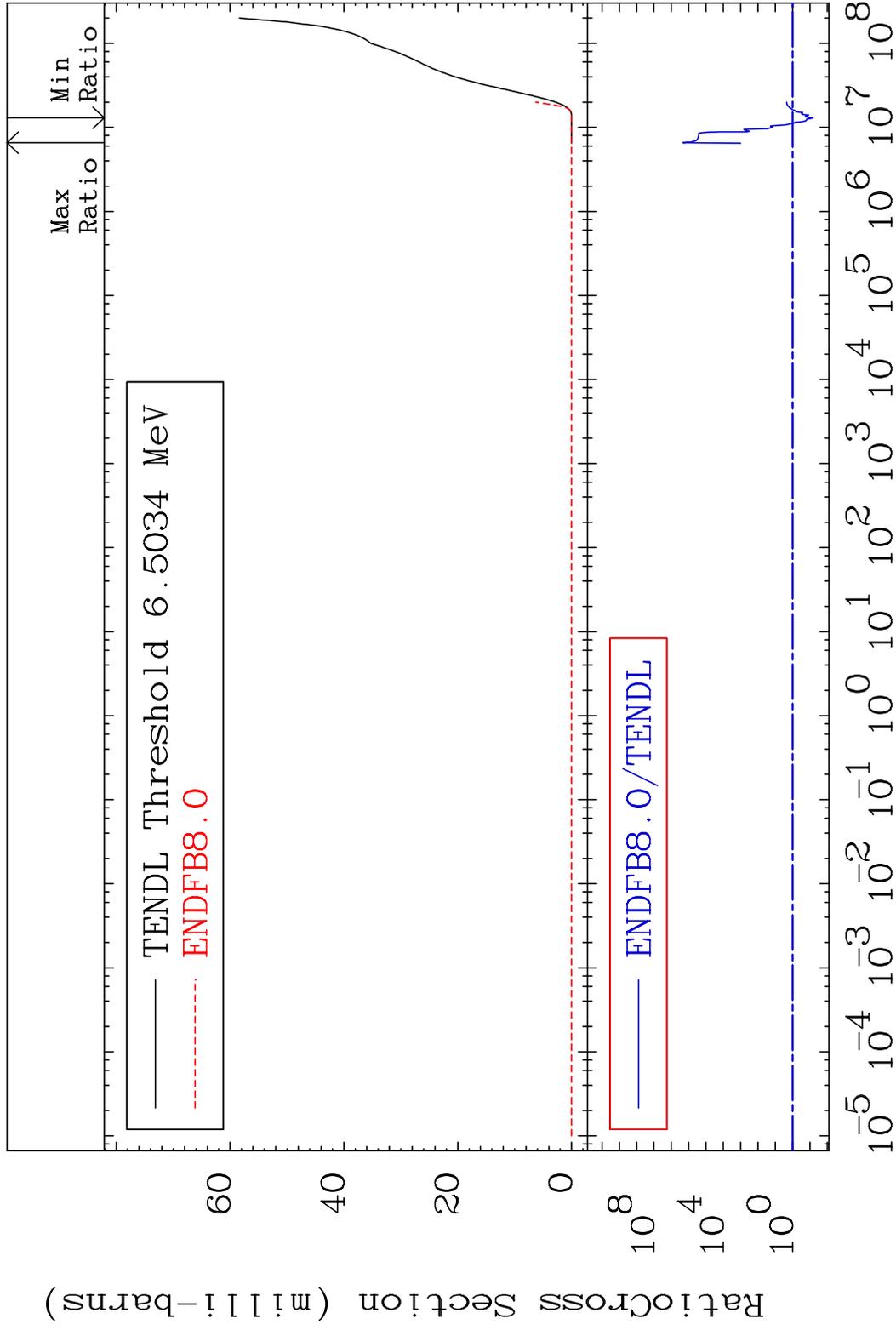
62-Sm-146

MAT 6231

Tritium Production

62-Sm-146

Cross Section -93.38 To 9999. %



26

Incident Energy (eV)

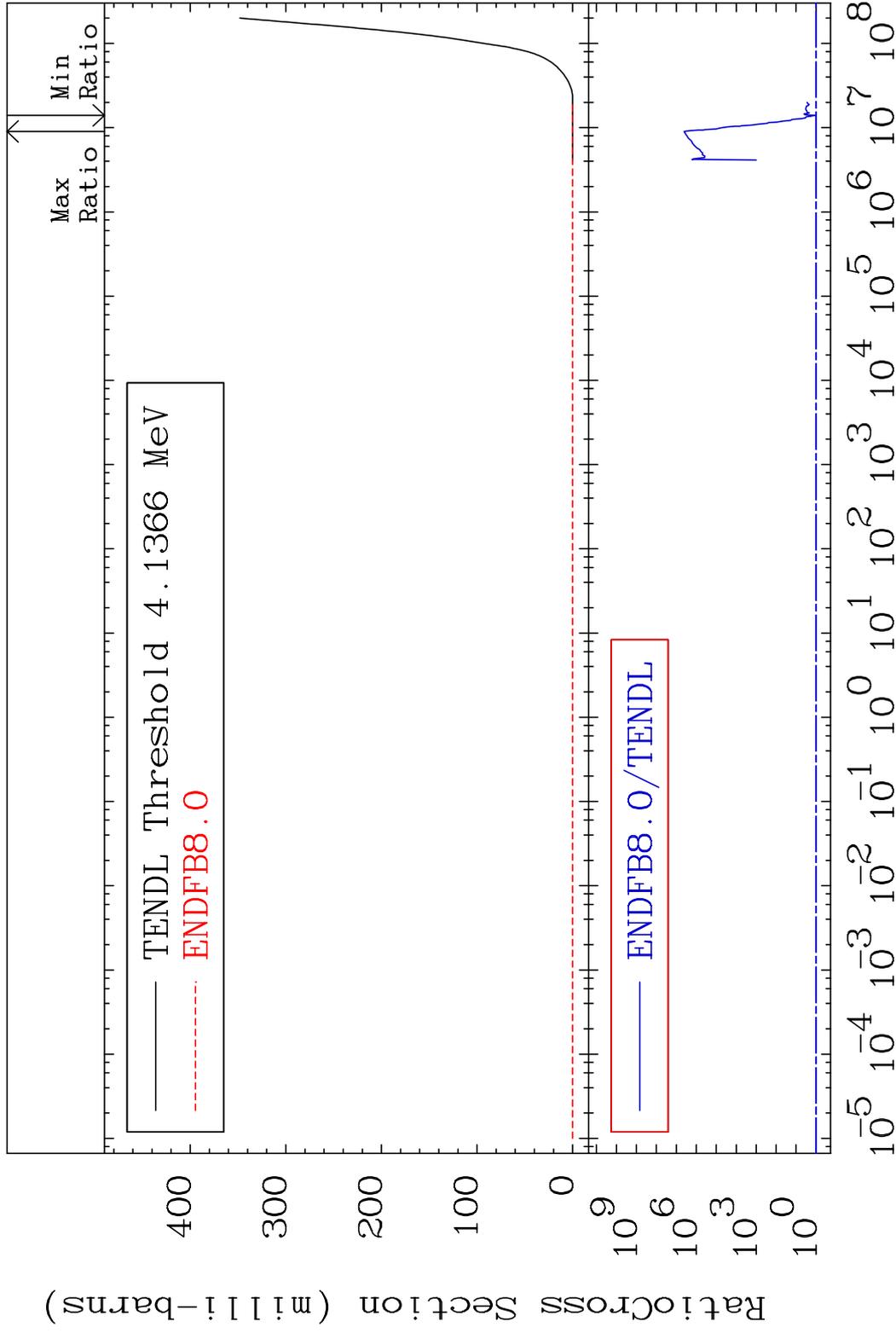
62-Sm-146

MAT 6231

He-3 Production

62-Sm-146

Cross Section 16.78 To 9999. %

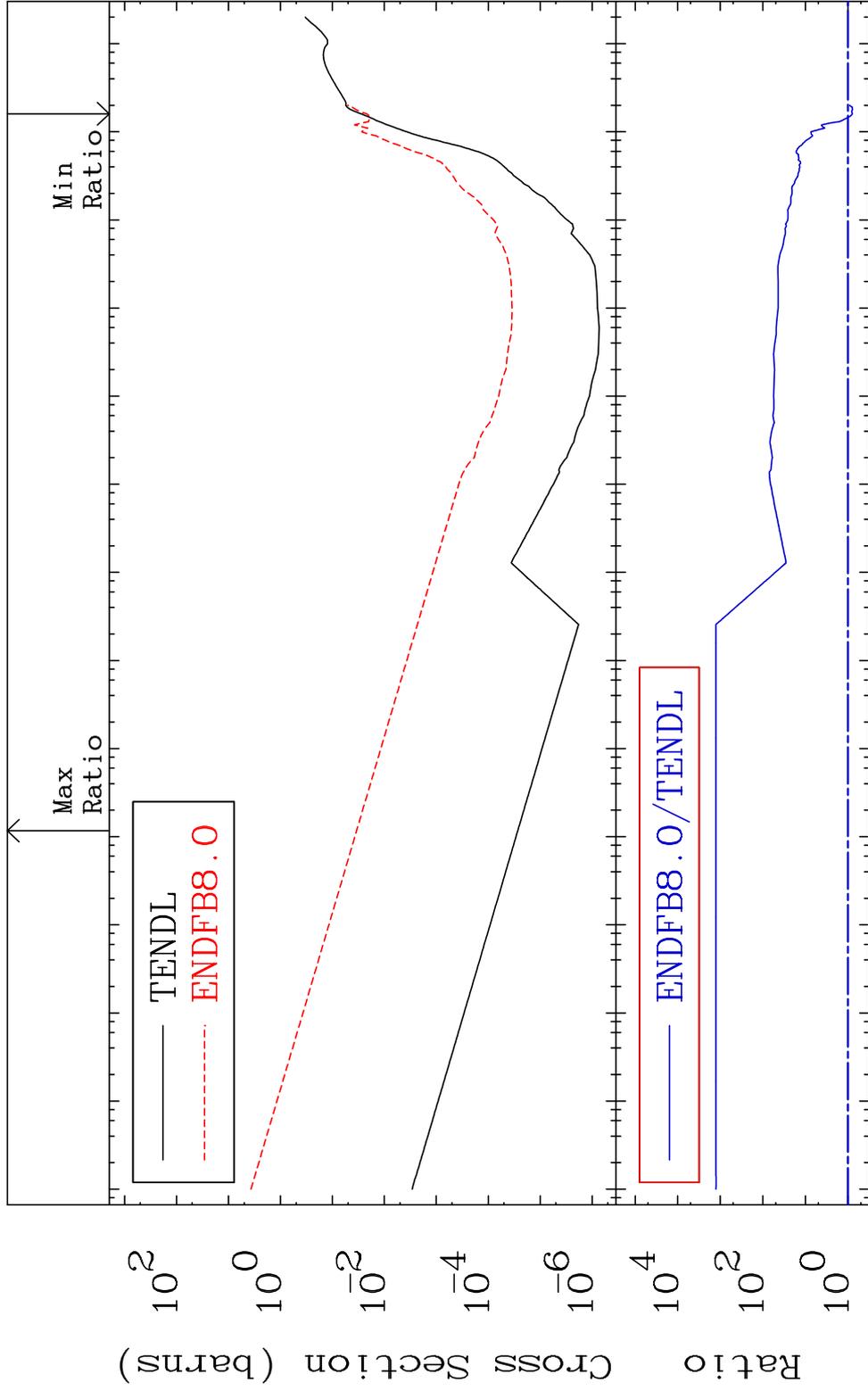


27

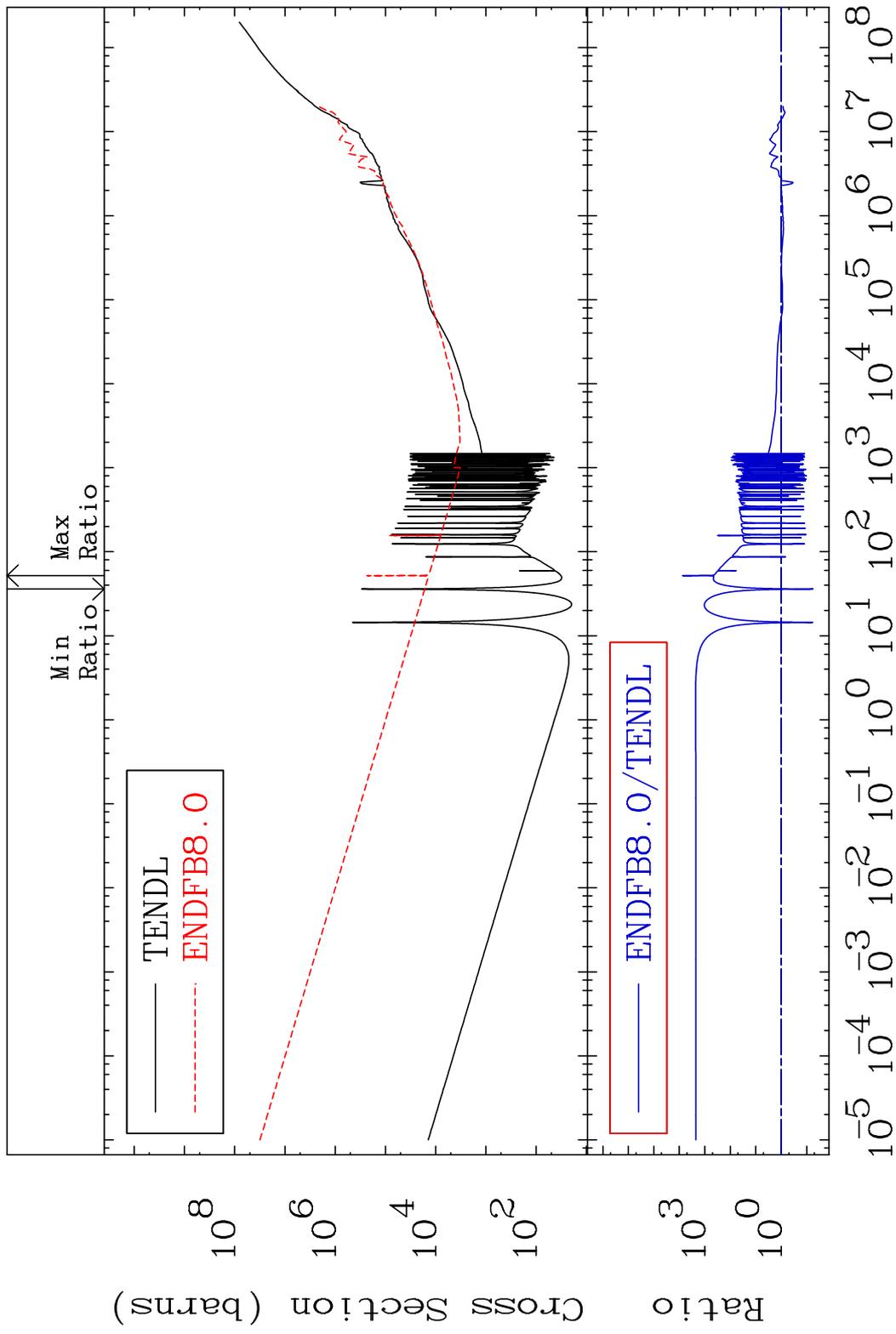
Incident Energy (eV)

62-Sm-146

MAT 6231 He-4 Production 62-Sm-146
 Cross Section -21.41 To 9999. %



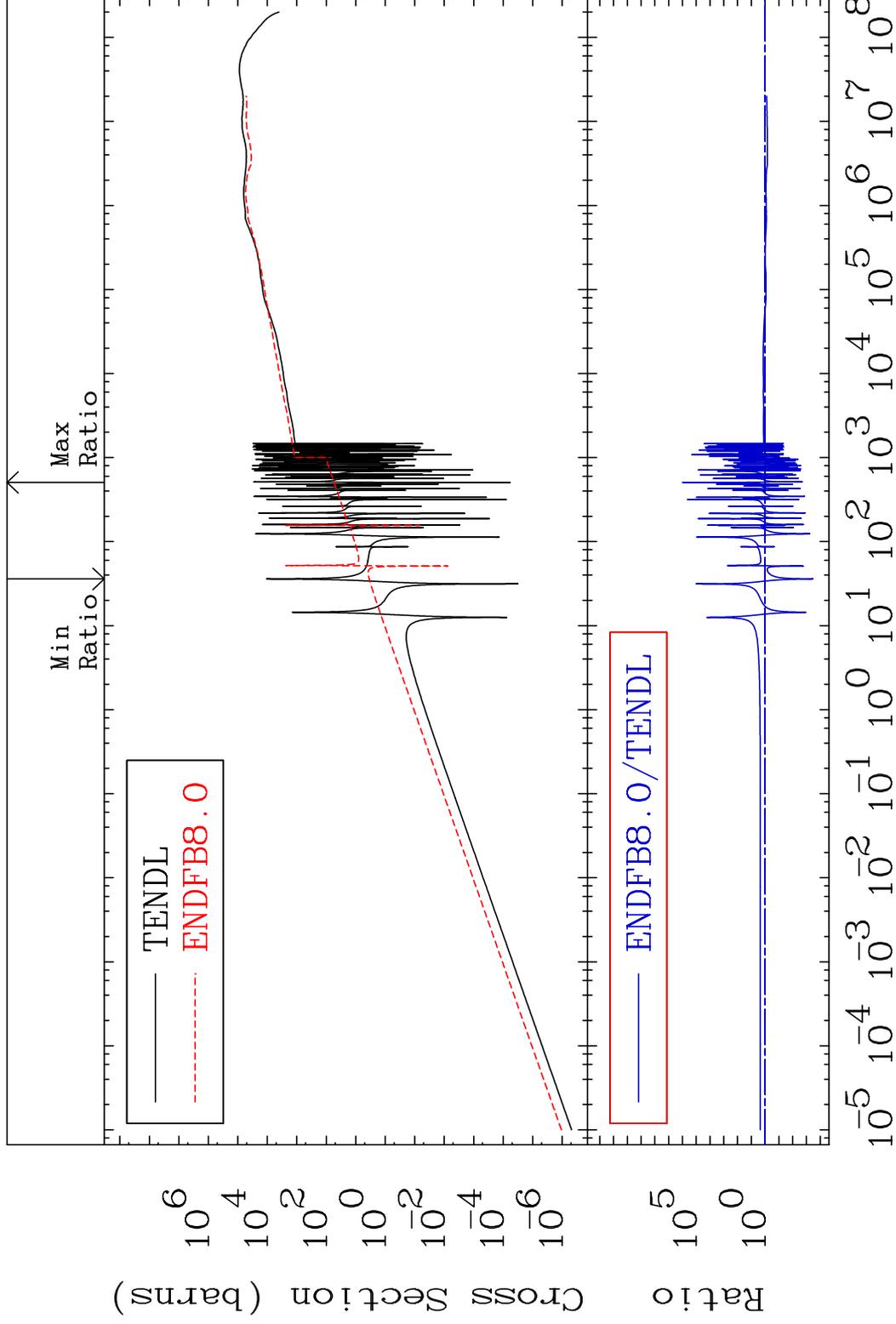
MAT 6231 Kerma total (eV-barns) 62-Sm-146
 Cross Section -94.42 To 9999. %



MAT 6231

Kerma elastic
Cross Section -99.97 To 9999. %

62-Sm-146

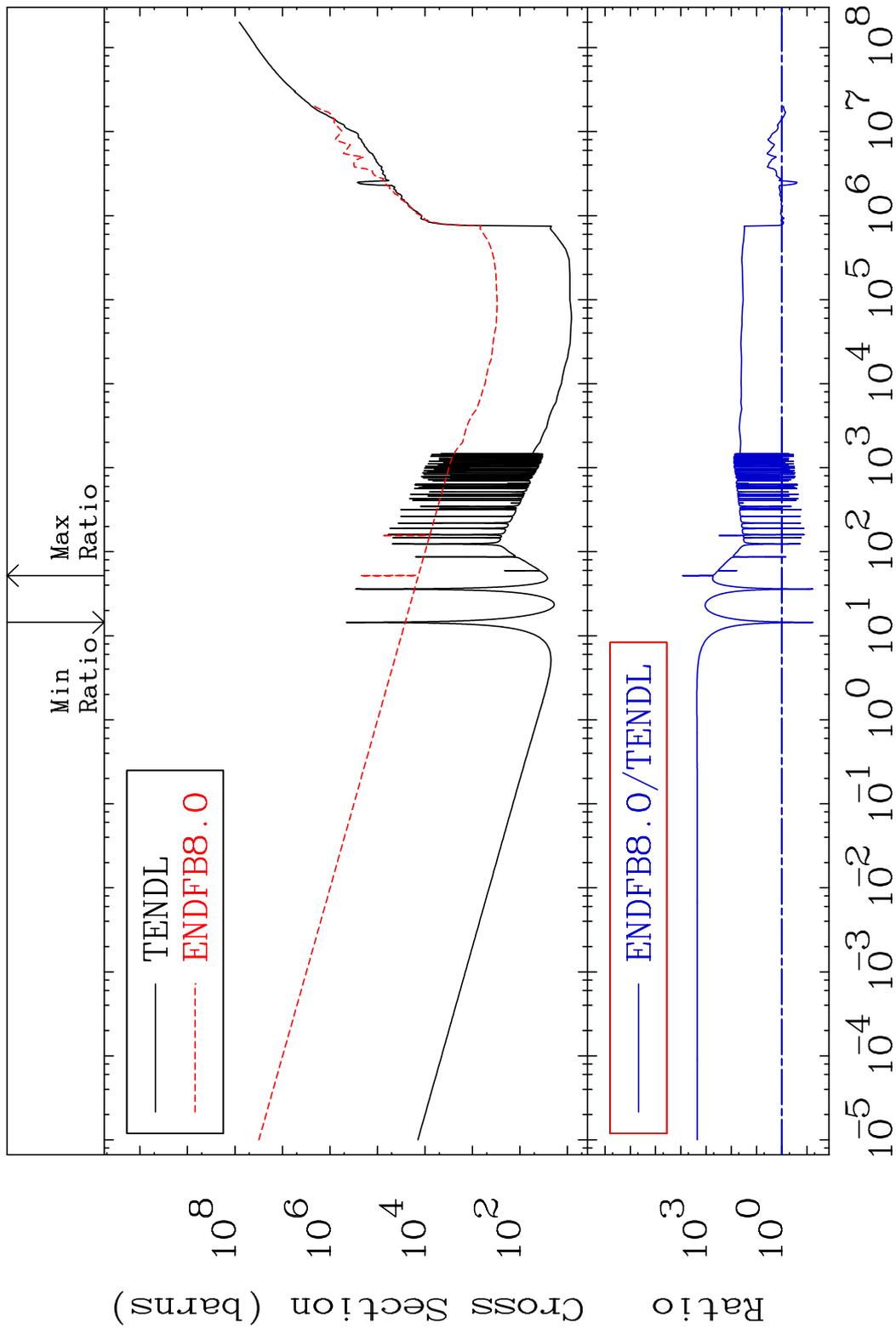


30

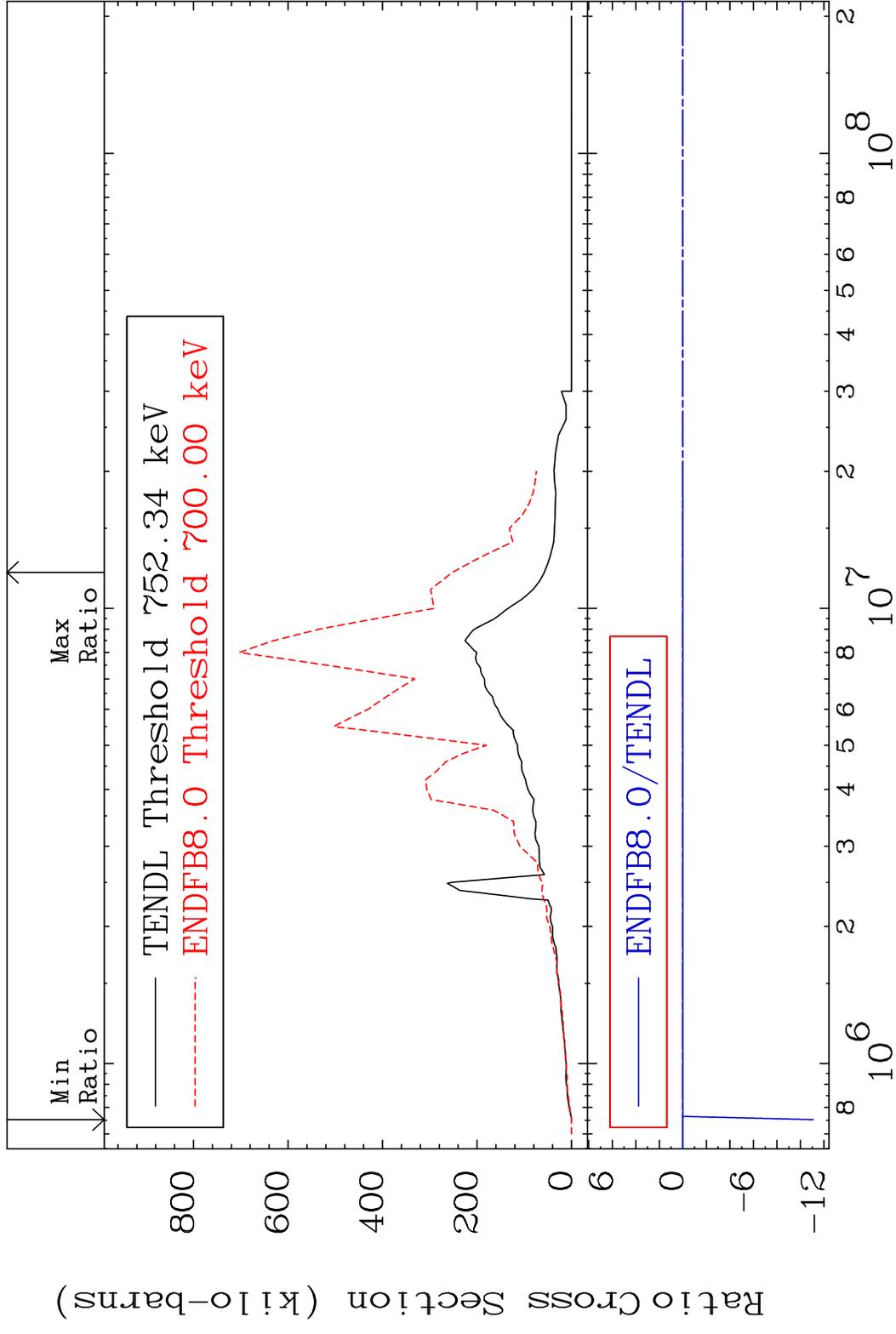
Incident Energy (eV)

62-Sm-146

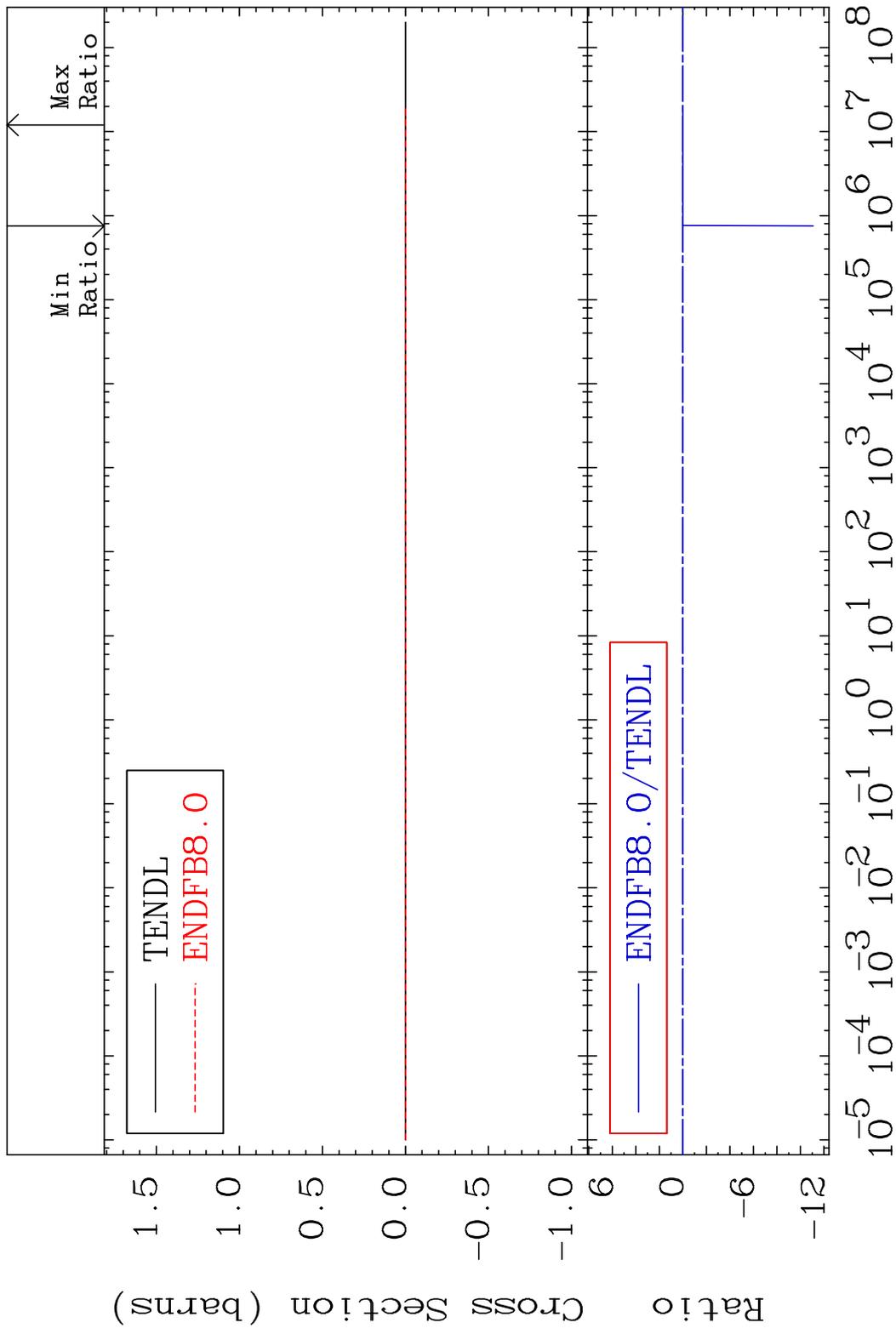
MAT 6231 Kerma non-elastic (all but mt2) 62-Sm-146
 Cross Section -94.28 To 9999. %



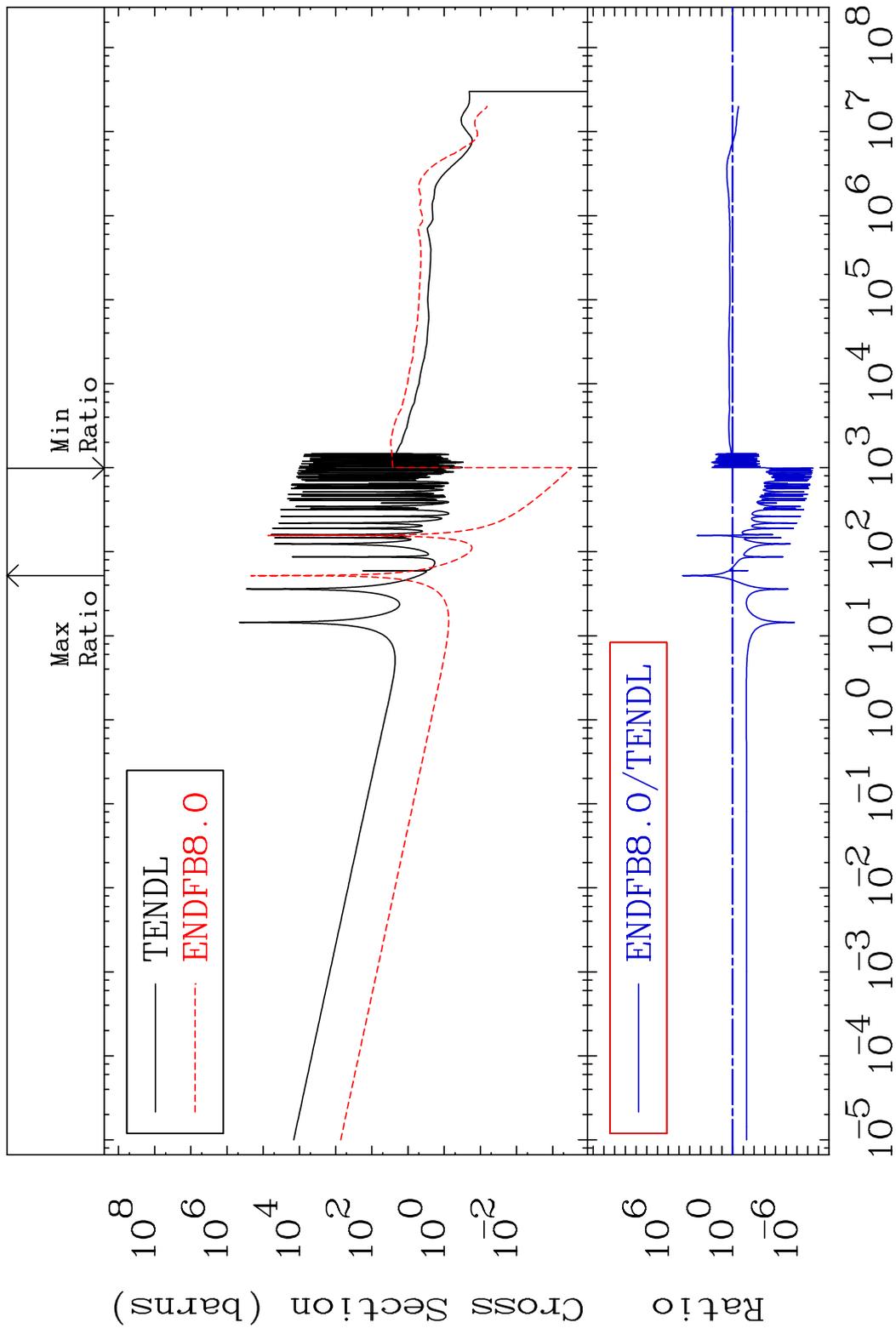
MAT 6231 Kerma inelastic (mt51-91) 62-Sm-146
 Cross Section -9999. To 337.7 %



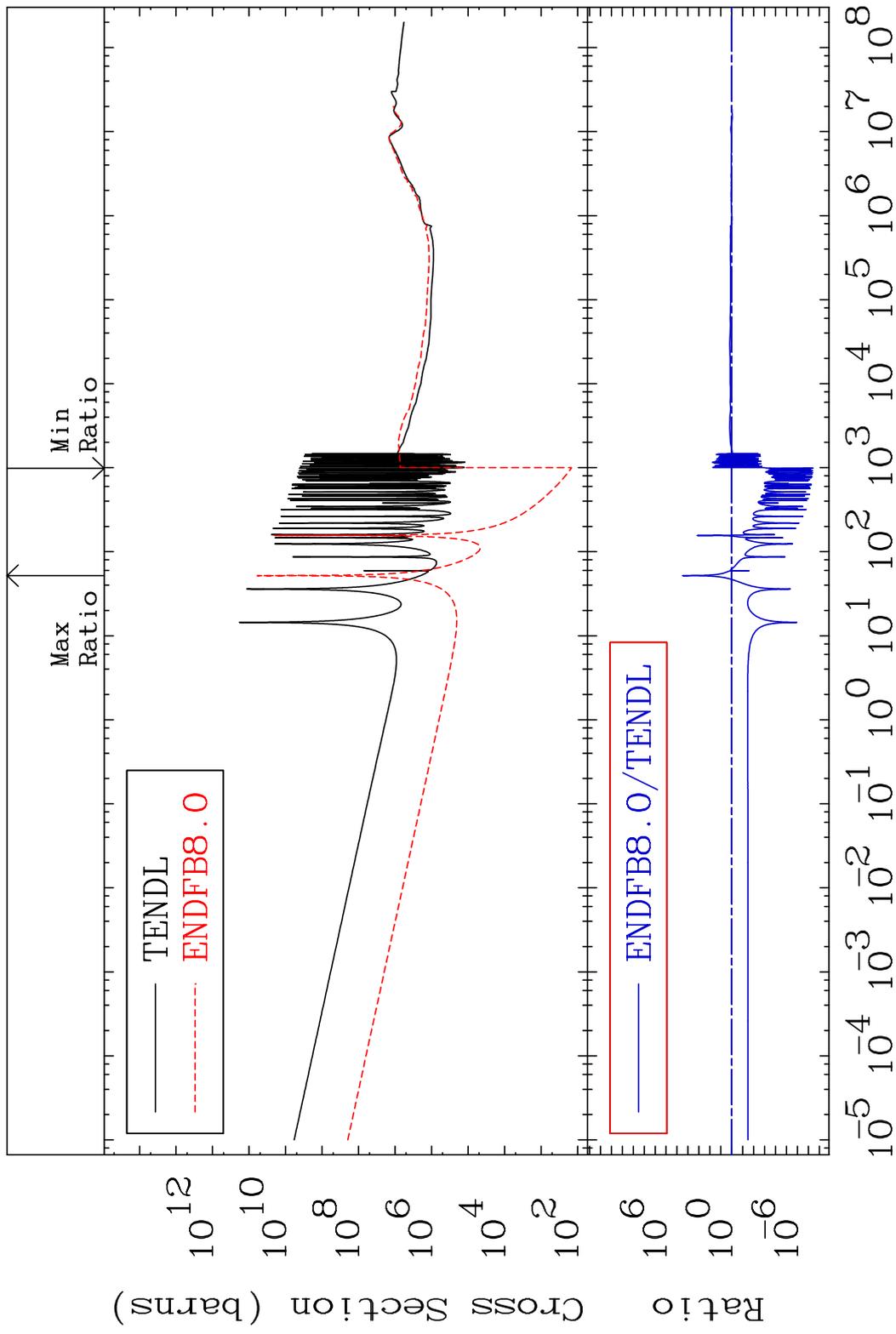
MAT 6231 Kerma fission (mt18 or mt19-20-21-38) ^{62}Sm -146
 Cross Section -9999. To 337.7 %



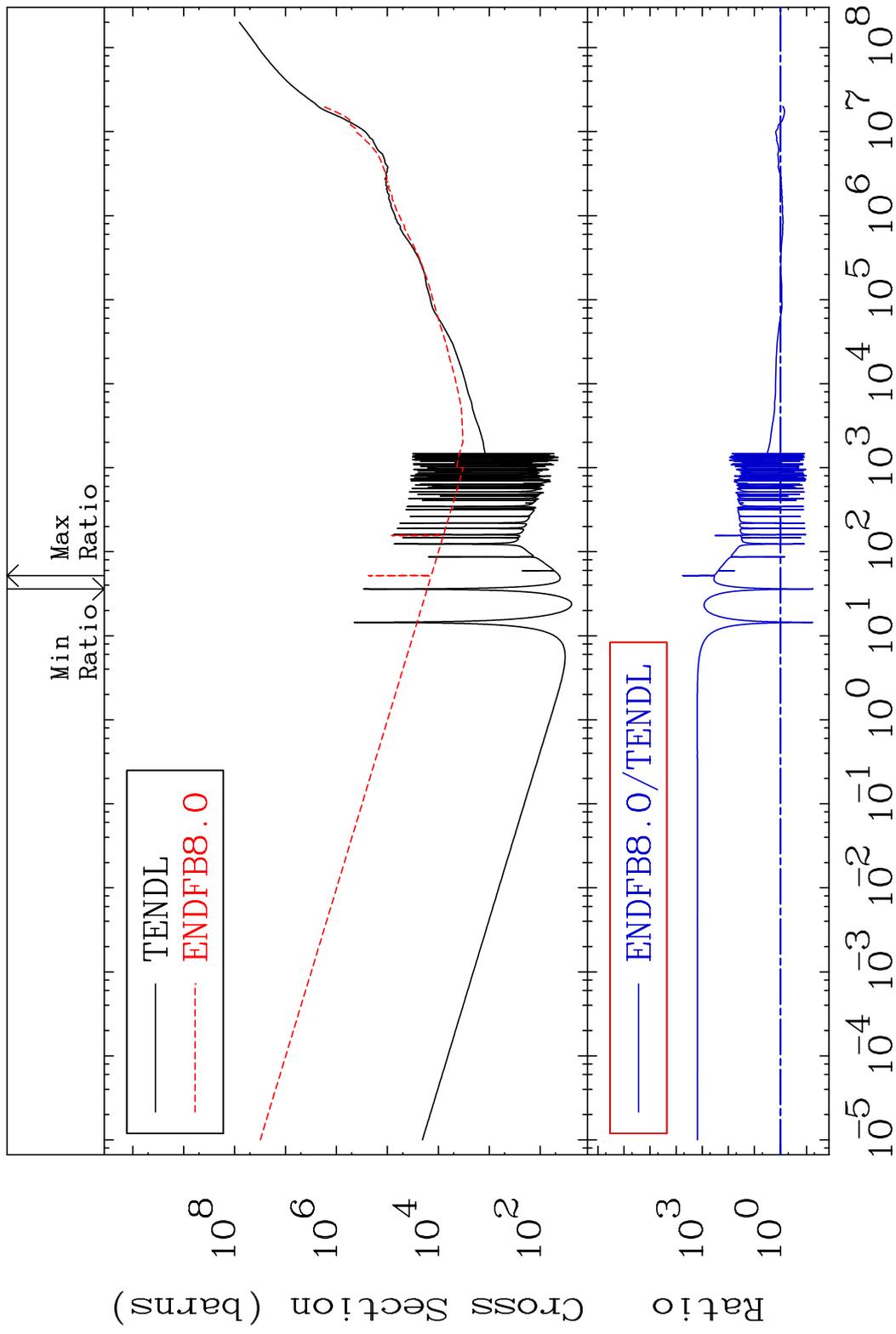
MAT 6231 Kerma capture (mt102) 62-Sm-146
 Cross Section -100.0 To 9999. %



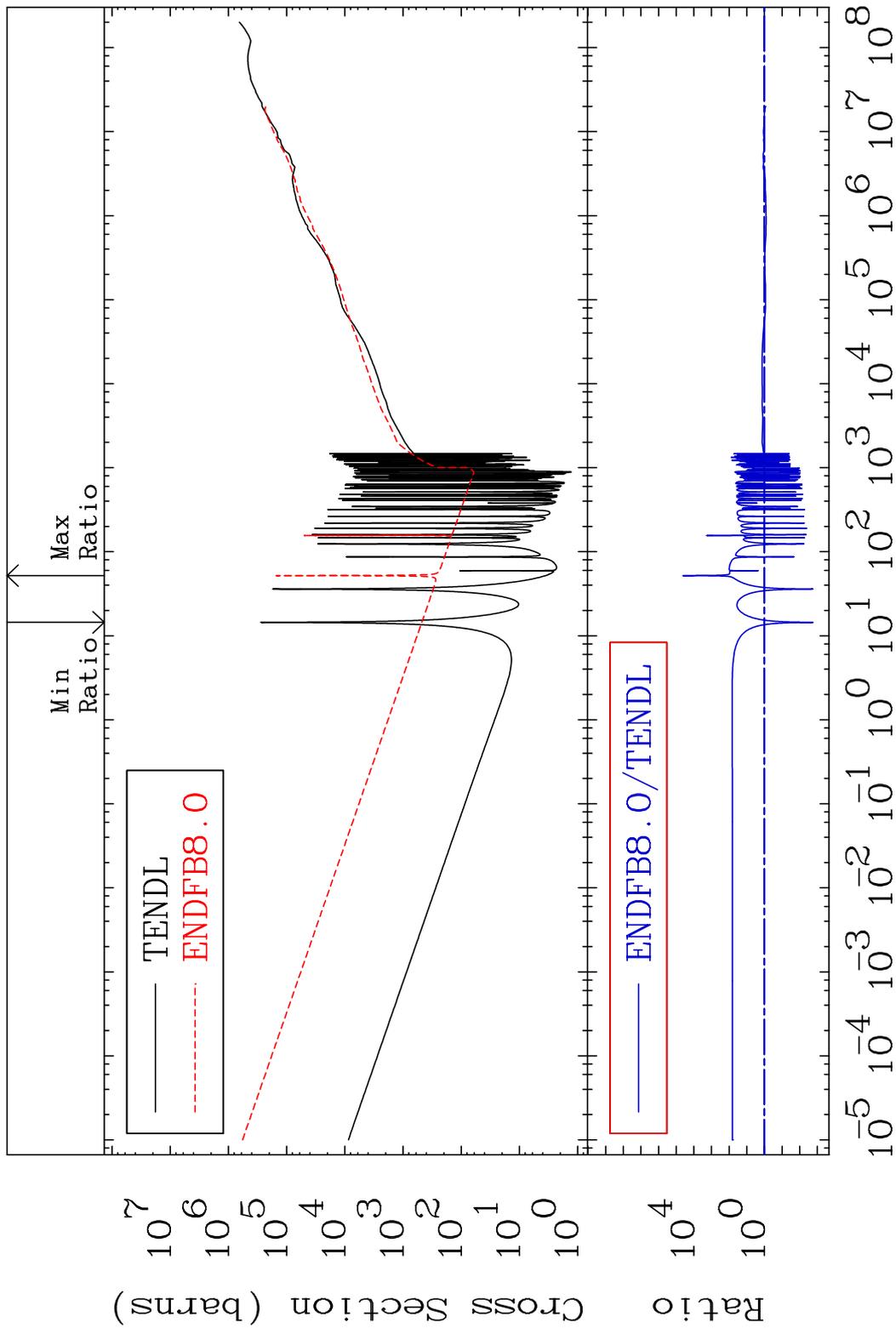
MAT 6231 Total photon (eV-barns) 62-Sm-146
 Cross Section -100.0 To 9999. %



MAT 6231 Total kinematic kerma (high limit) 62-Sm-146
 Cross Section -94.42 To 9999. %



MAT 6231 Dpa total (eV-barns) 62-Sm-146
 Cross Section -99.83 To 9999. %

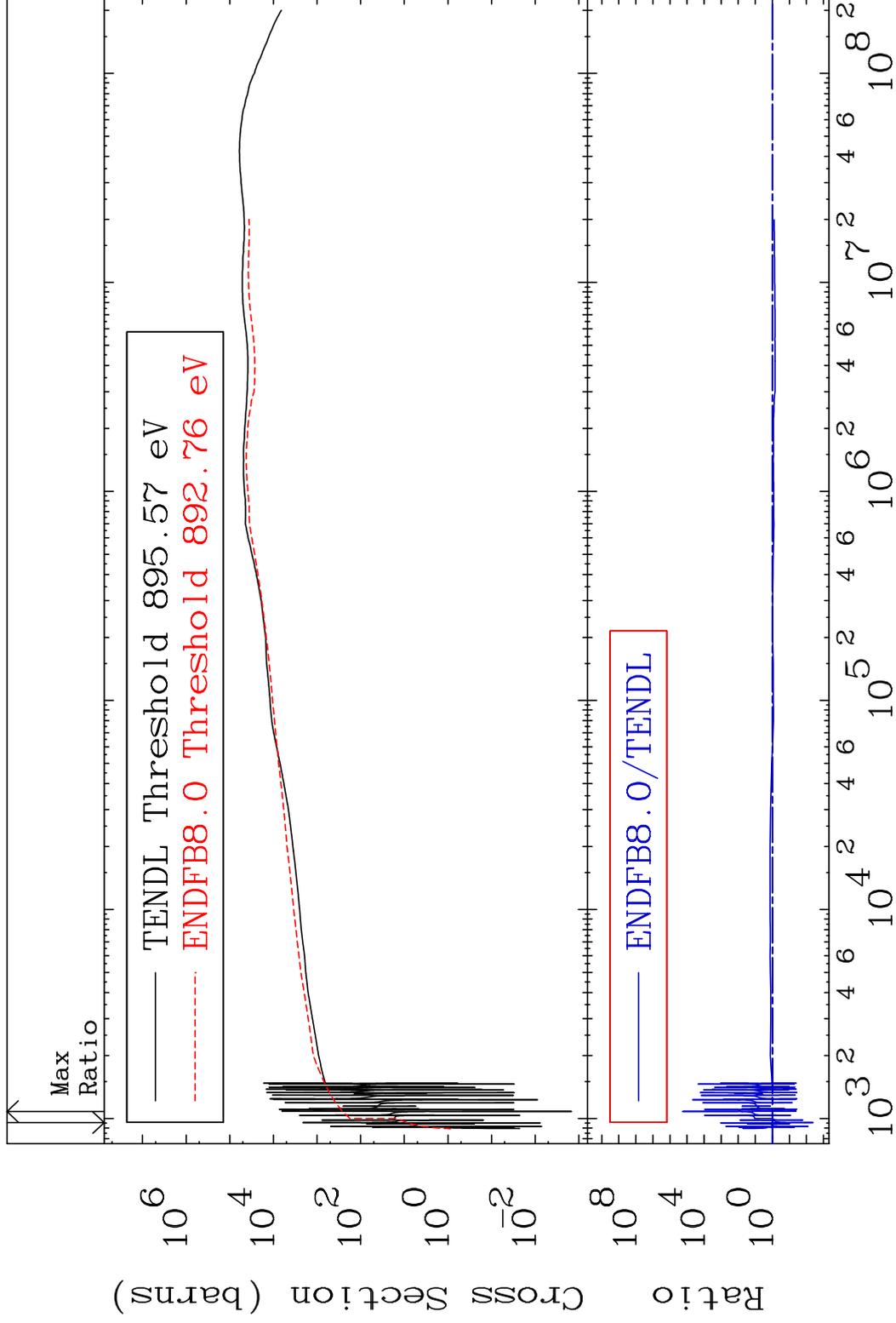


MAT 6231

Dpa elastic (mt2)

62-Sm-146

Cross Section -99.60 To 9999. %

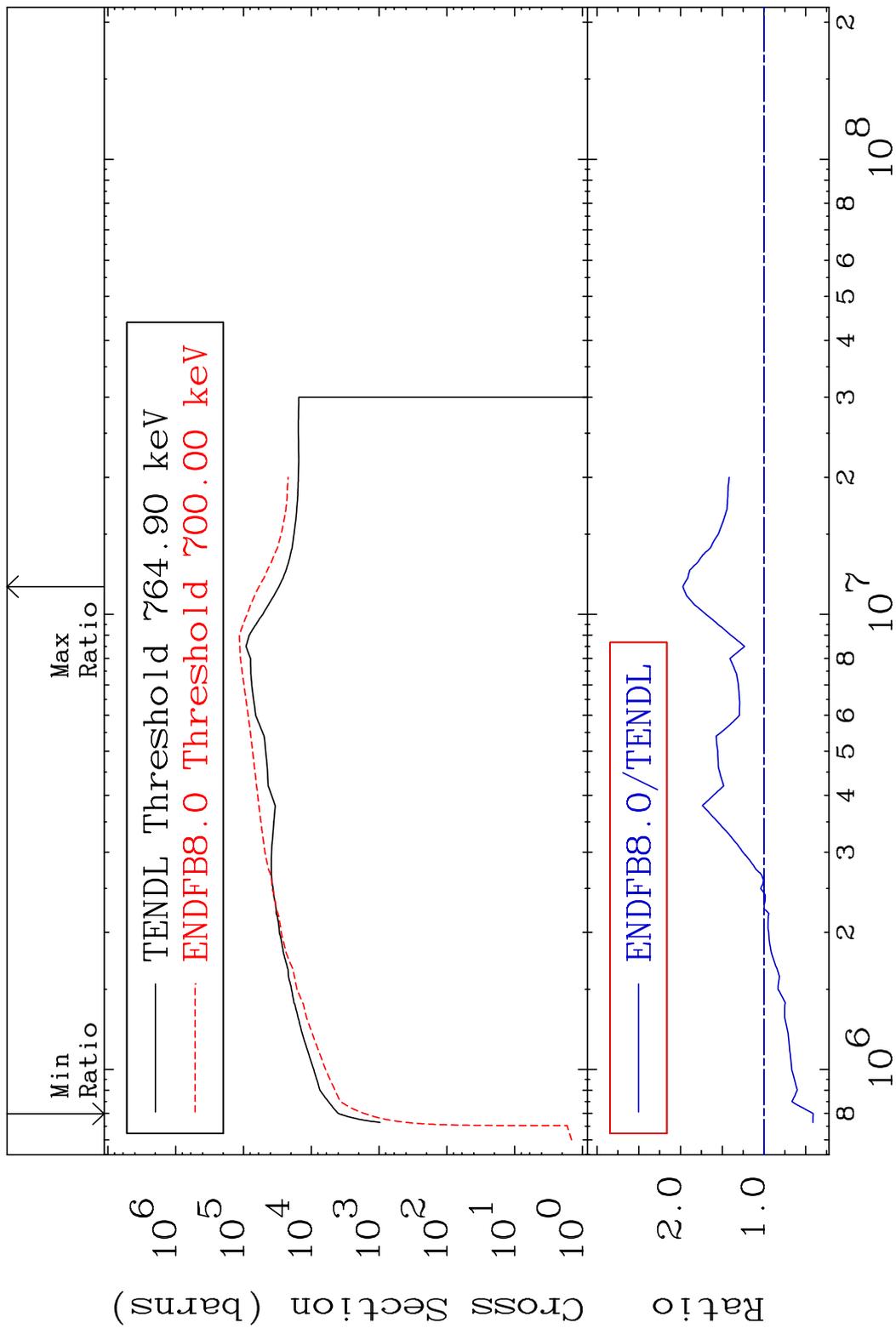


38

Incident Energy (eV)

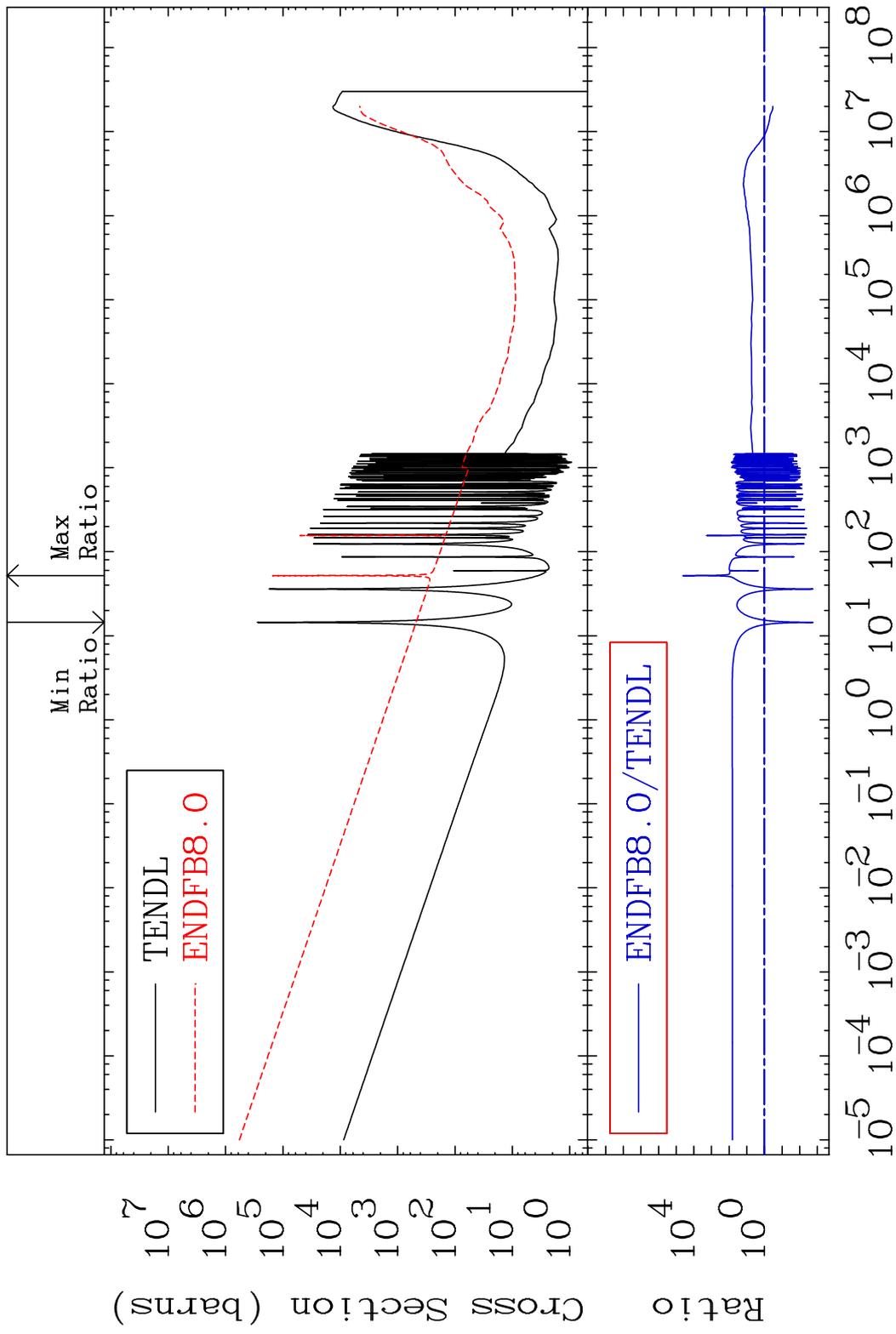
62-Sm-146

MAT 6231 Dpa inelastic (mt51-91) 62-Sm-146
 Cross Section -58.89 To 97.22 %



39 Incident Energy (eV) 62-Sm-146

MAT 6231 Dpa disappearance (mt102 -120) 62-Sm-146
 Cross Section -99.83 To 9999. %



40 Incident Energy (eV) 62-Sm-146