

Program Complot
(Version 2021-1)

by

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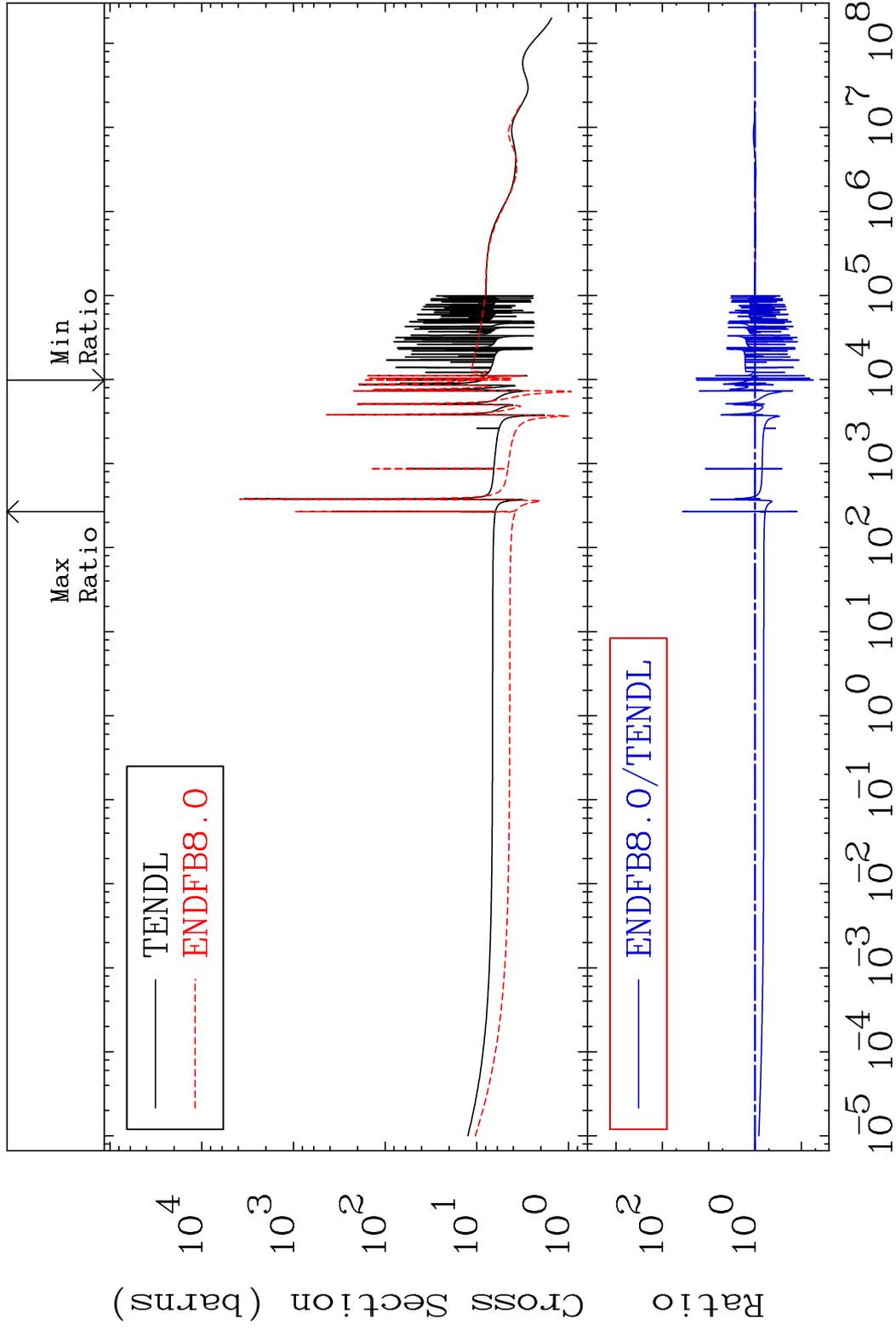
Press Mouse Button to Start

MAT 3731

Total

37-Rb-87

Cross Section -94.41 To 3514. %



1

Incident Energy (eV)

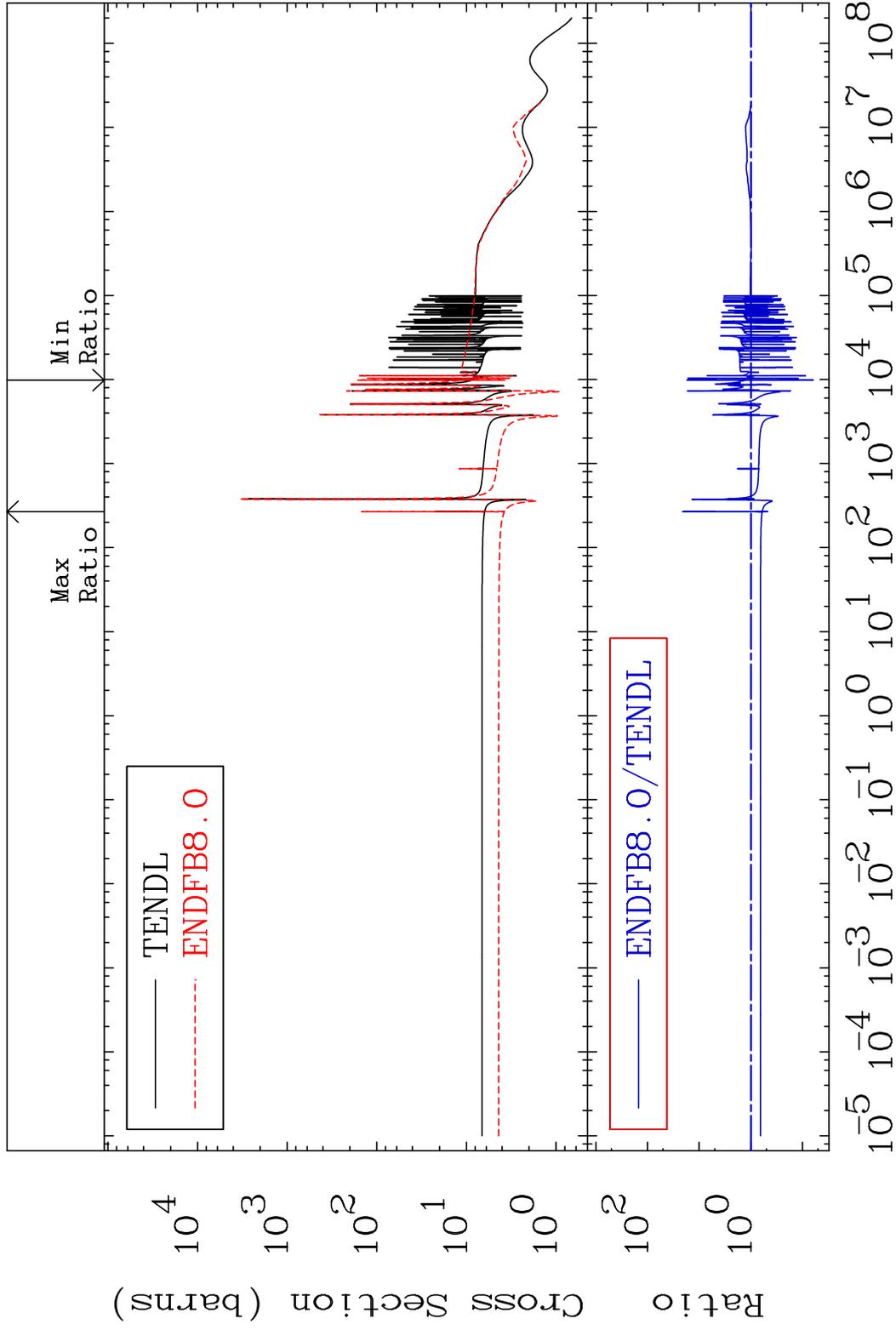
37-Rb-87

MAT 3731

Elastic

37-Rb-87

Cross Section -93.81 To 1974. %



2

Incident Energy (eV)

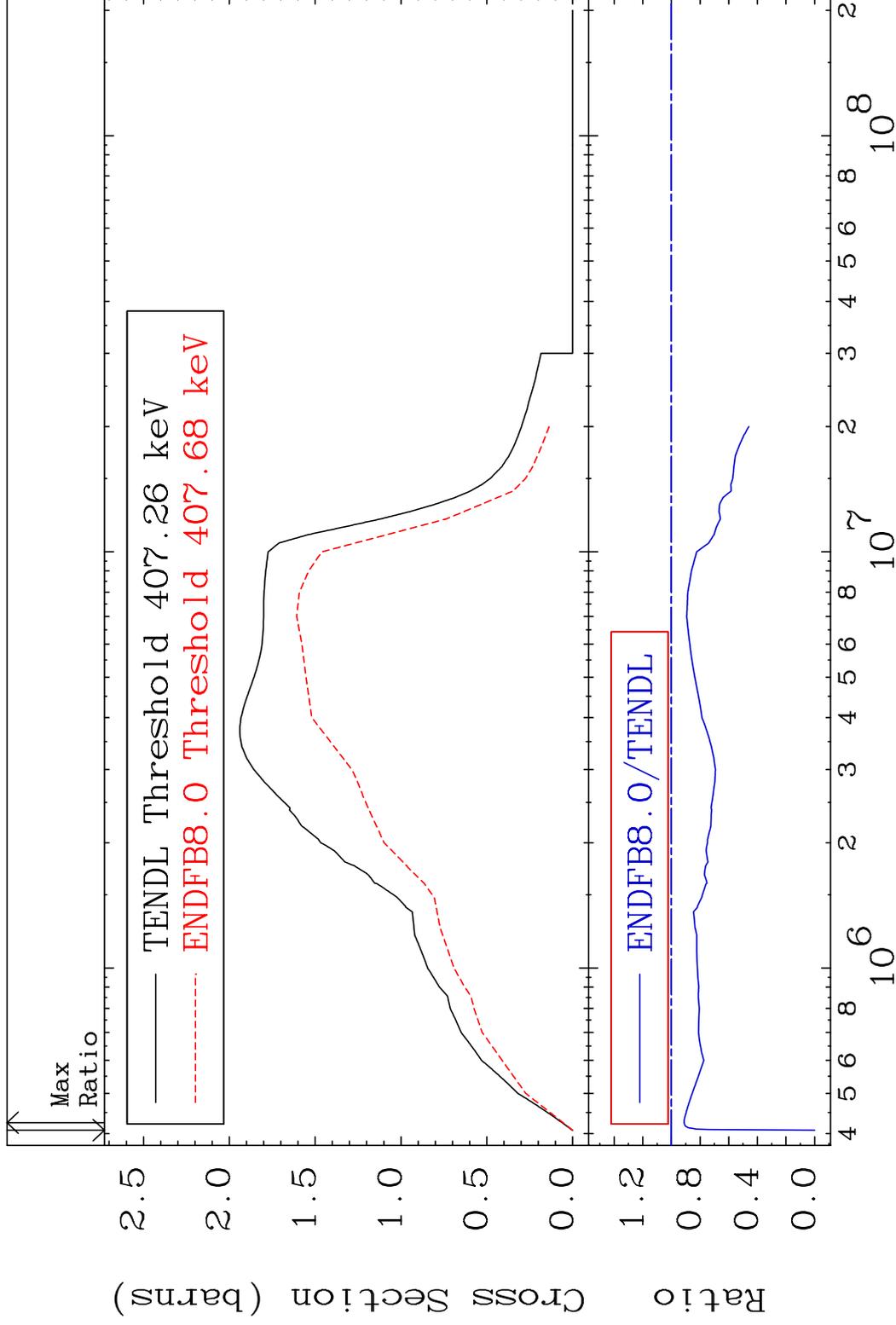
37-Rb-87

MAT 3731

Inelastic

37-Rb-87

Cross Section -100.0 To -8.880%



3

Incident Energy (eV)

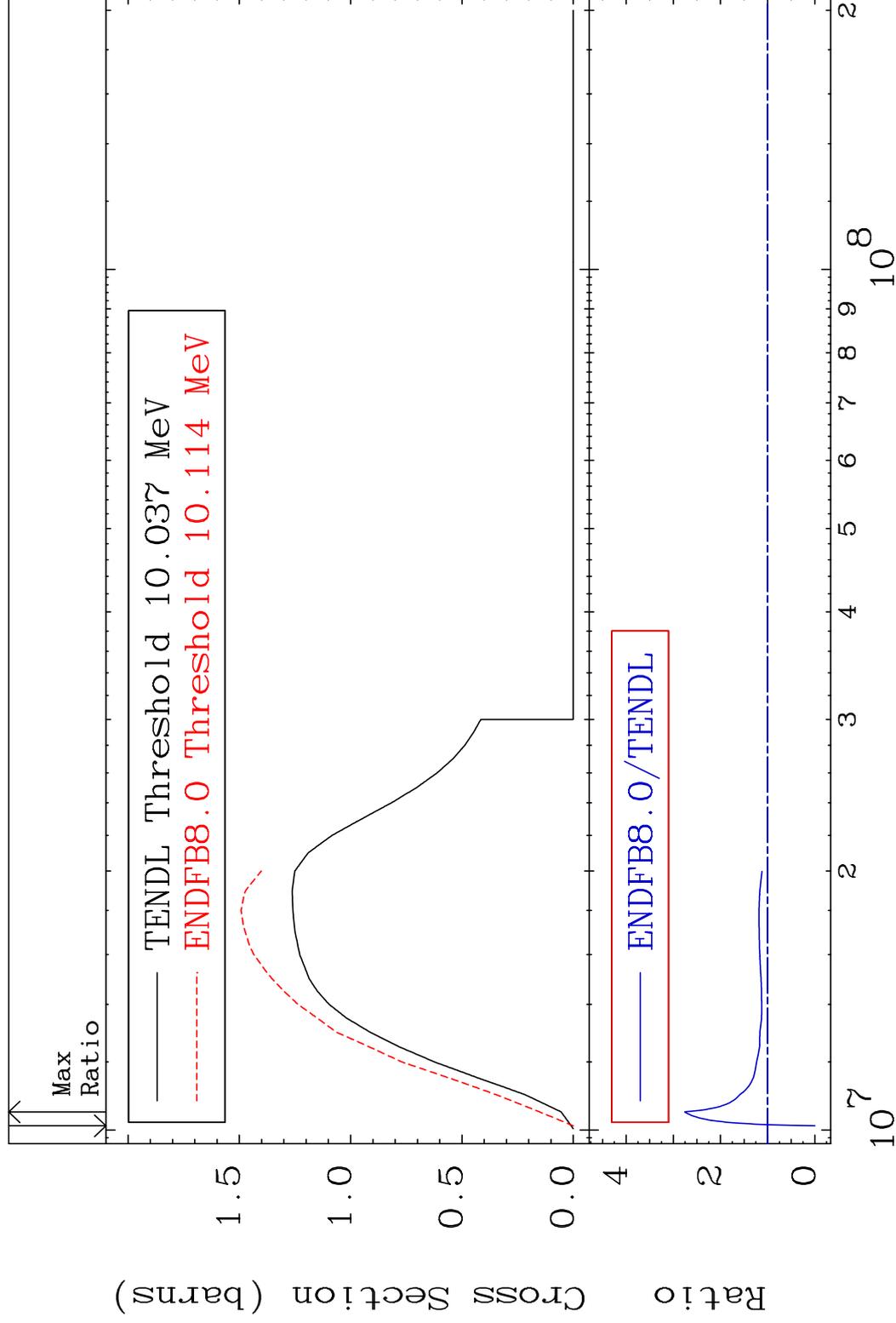
37-Rb-87

MAT 3731

(n,2n)

37-Rb-87

Cross Section -100.0 To 176.2 %



4

Incident Energy (eV)

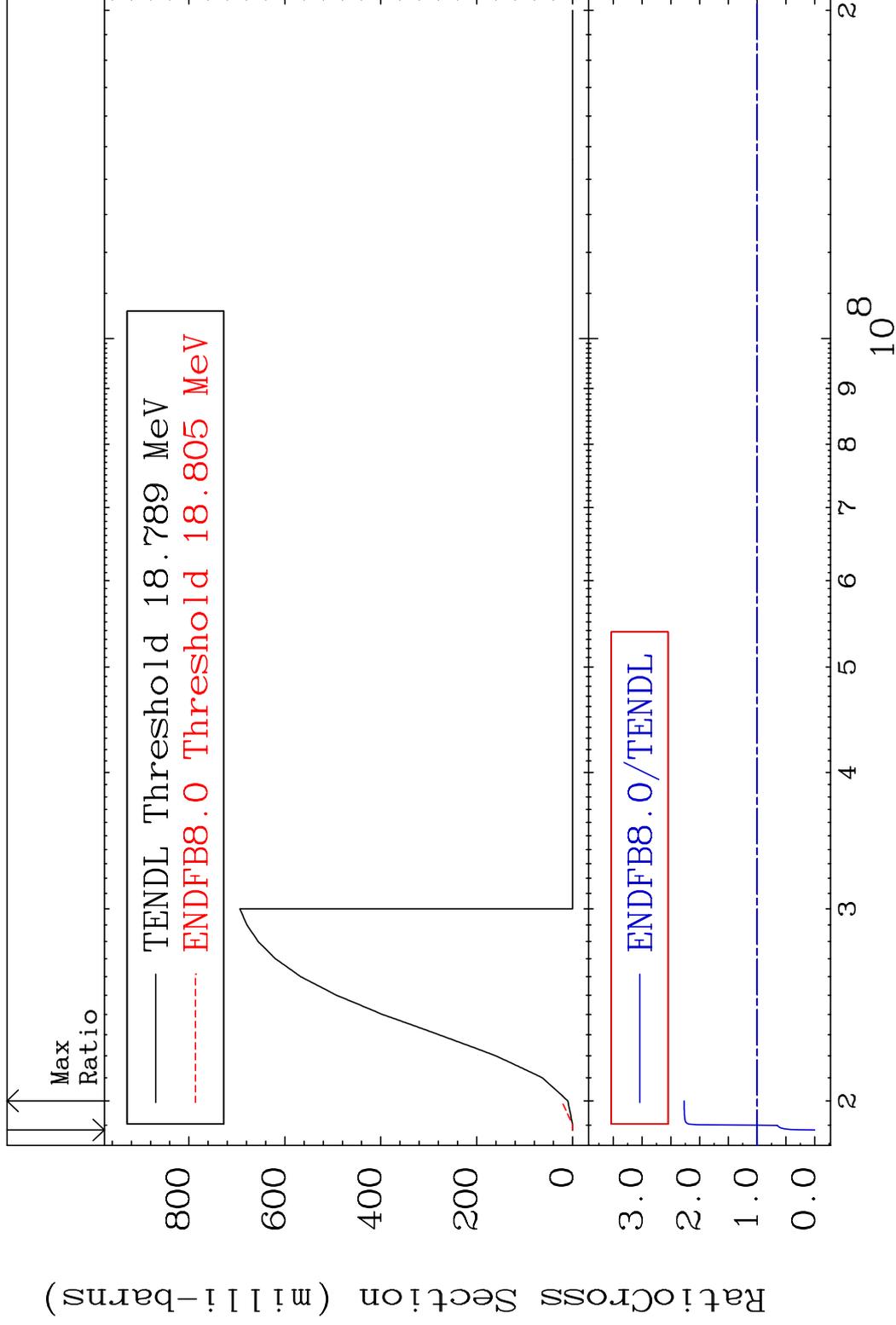
37-Rb-87

MAT 3731

(n,3n)

37-Rb-87

Cross Section -100.0 To 127.0 %



5

Incident Energy (eV)

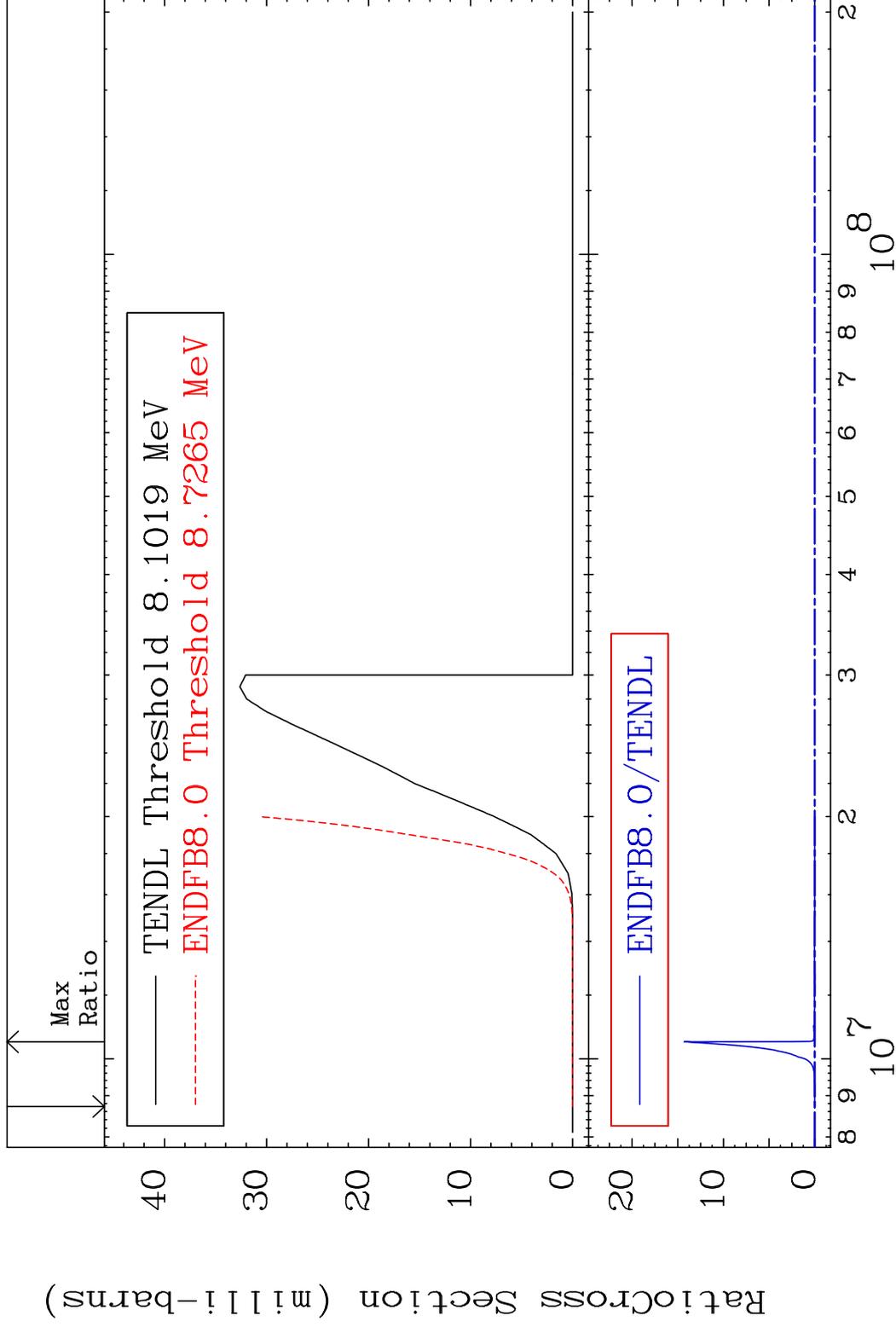
37-Rb-87

MAT 3731

(n, n') α

37-Rb-87

Cross Section -100.0 To 9999. %



6

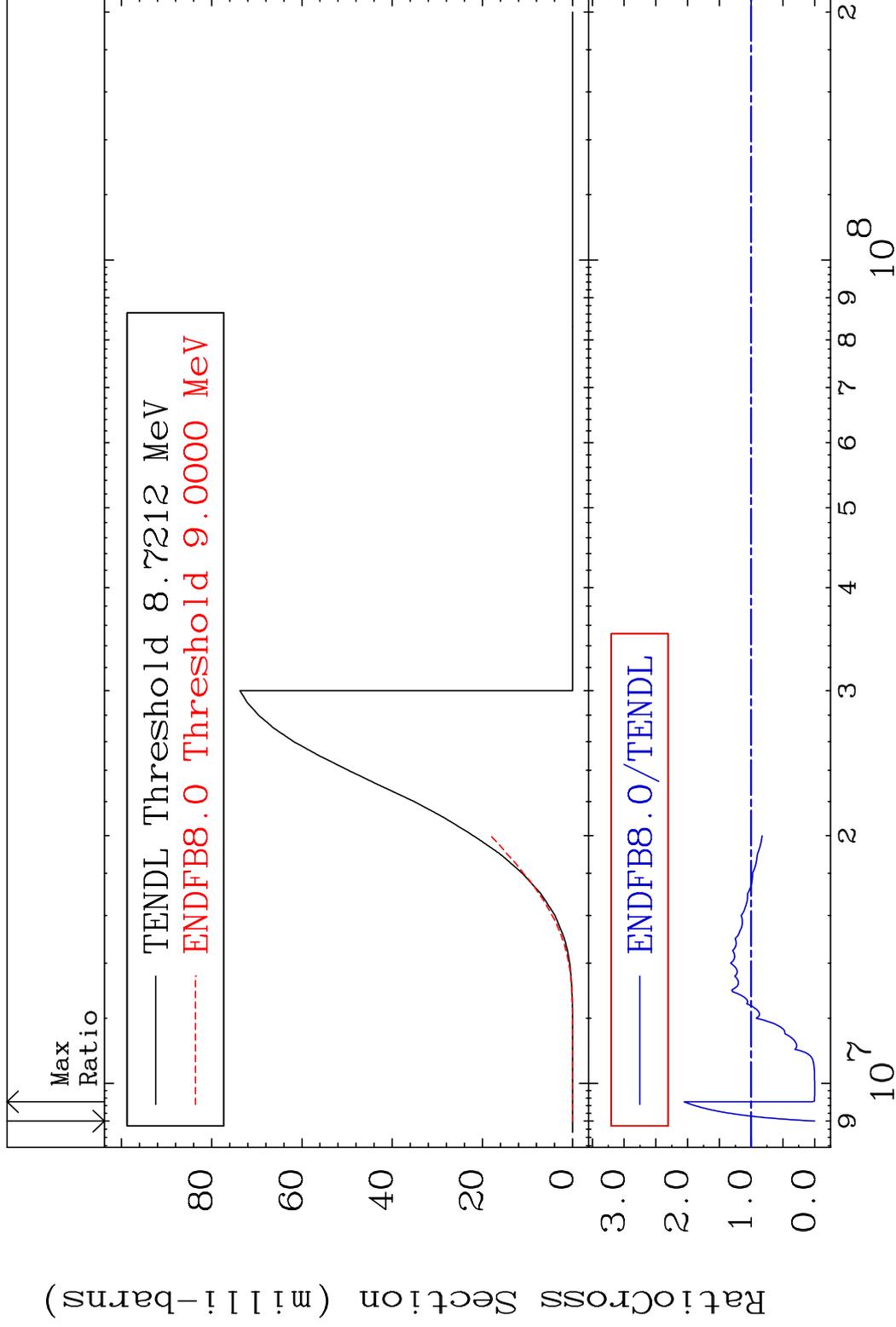
Incident Energy (eV)

37-Rb-87

MAT 3731

(n, n') p 37-Rb-87

Cross Section -100.0 To 105.5 %



7

Incident Energy (eV)

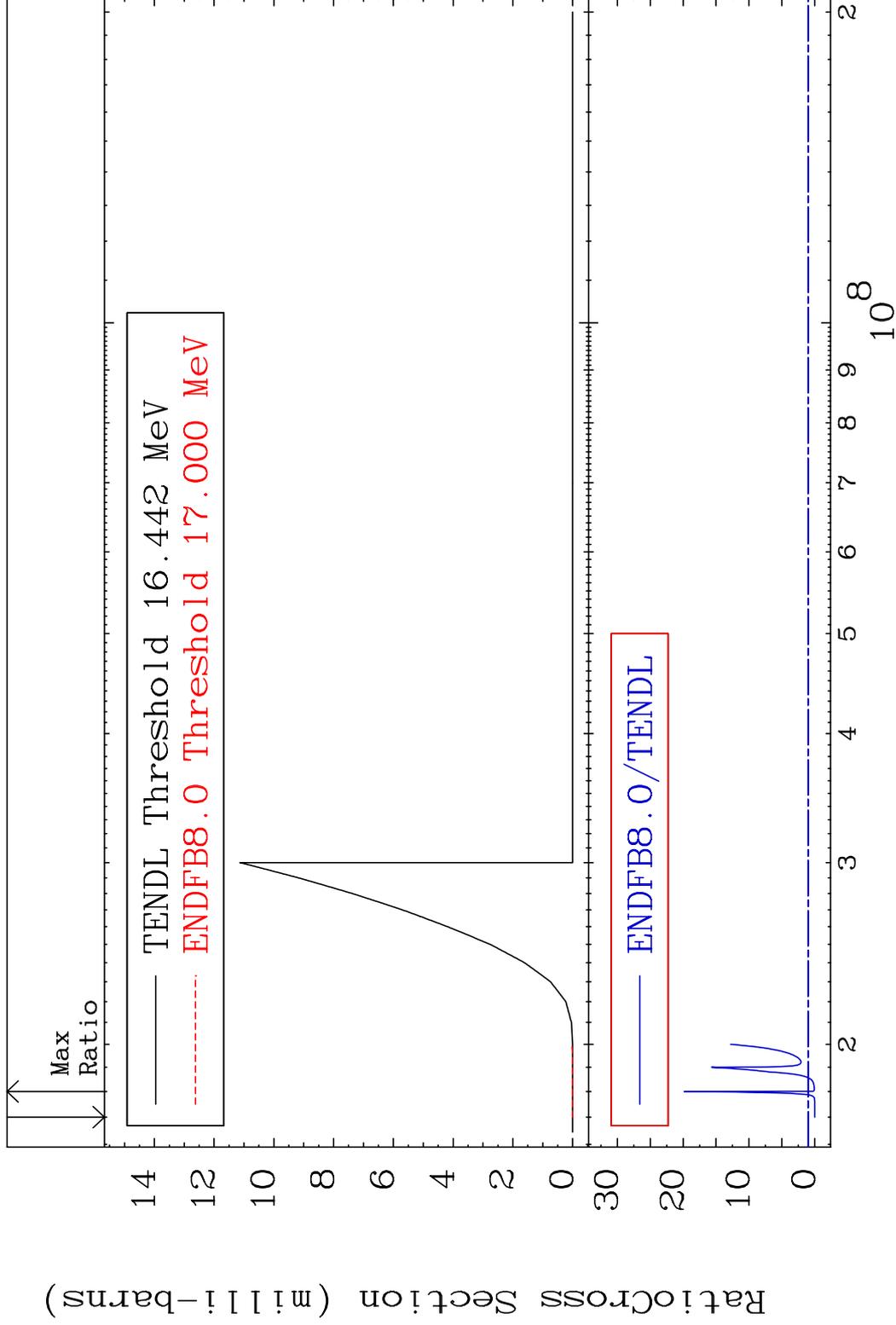
37-Rb-87

MAT 3731

(n, n') d

37-Rb-87

Cross Section -100.0 To 1886. %

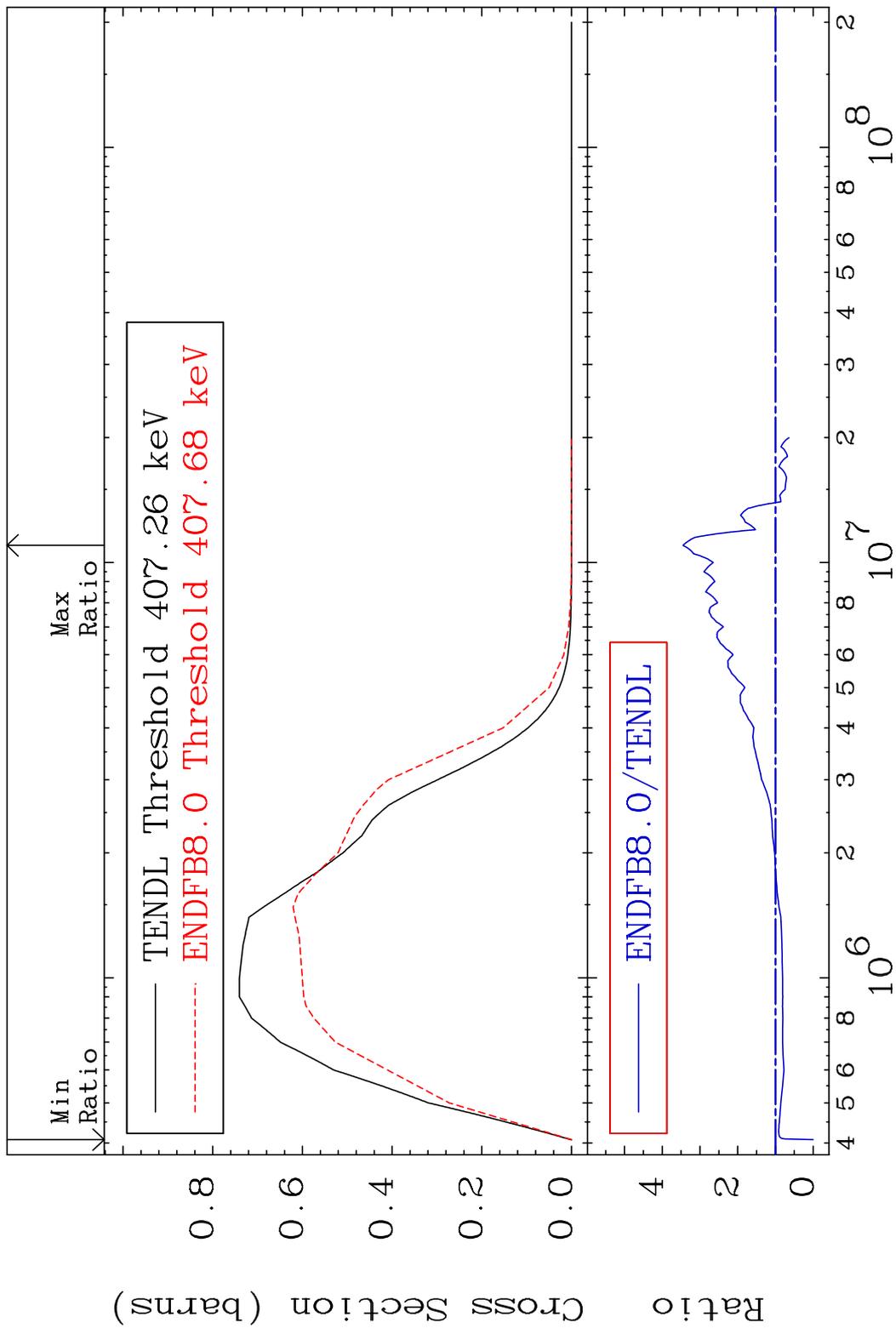


8

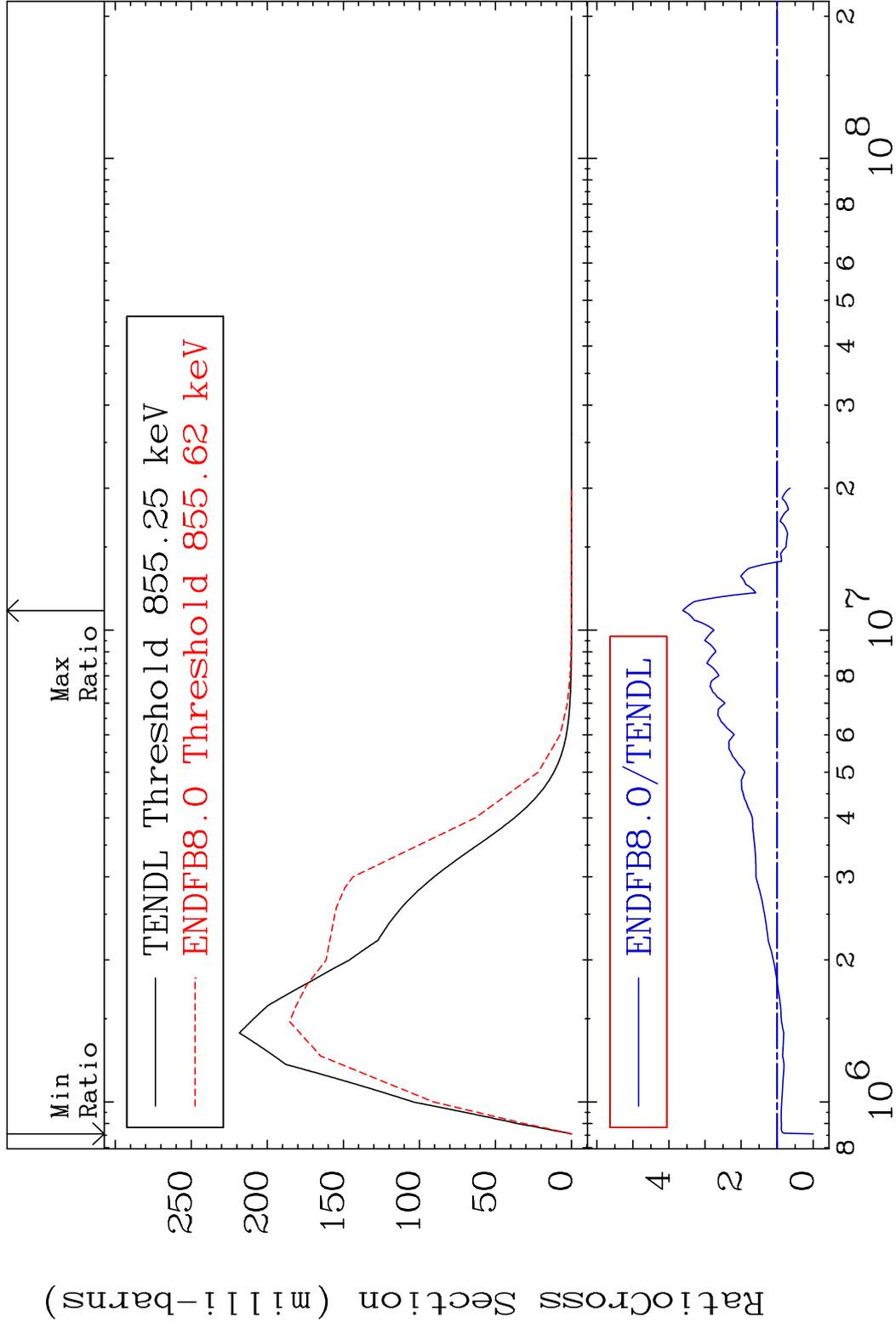
Incident Energy (eV)

37-Rb-87

MAT 3731 MT= 51 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 245.5 %

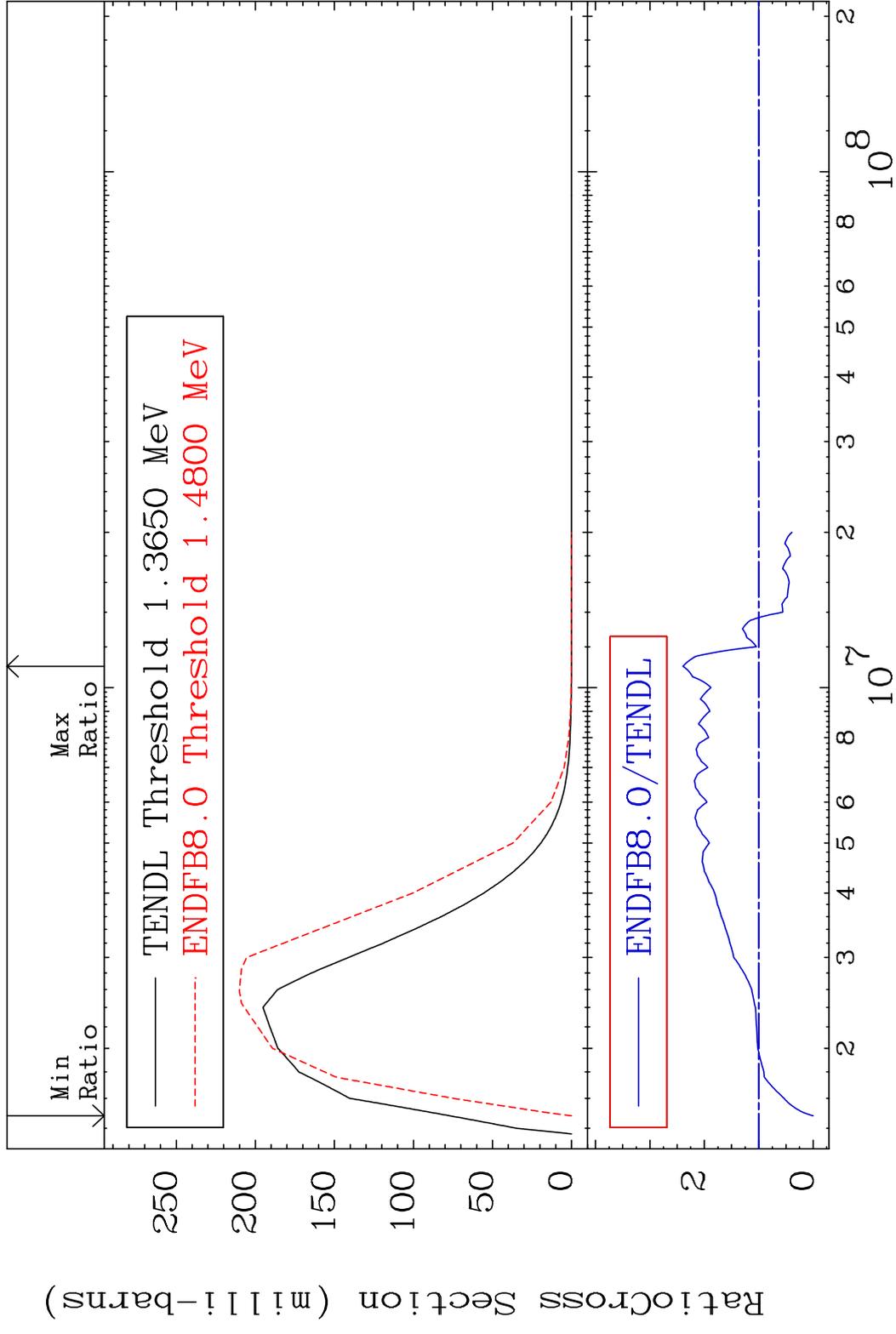


MAT 3731 MT= 52 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 261.4 %

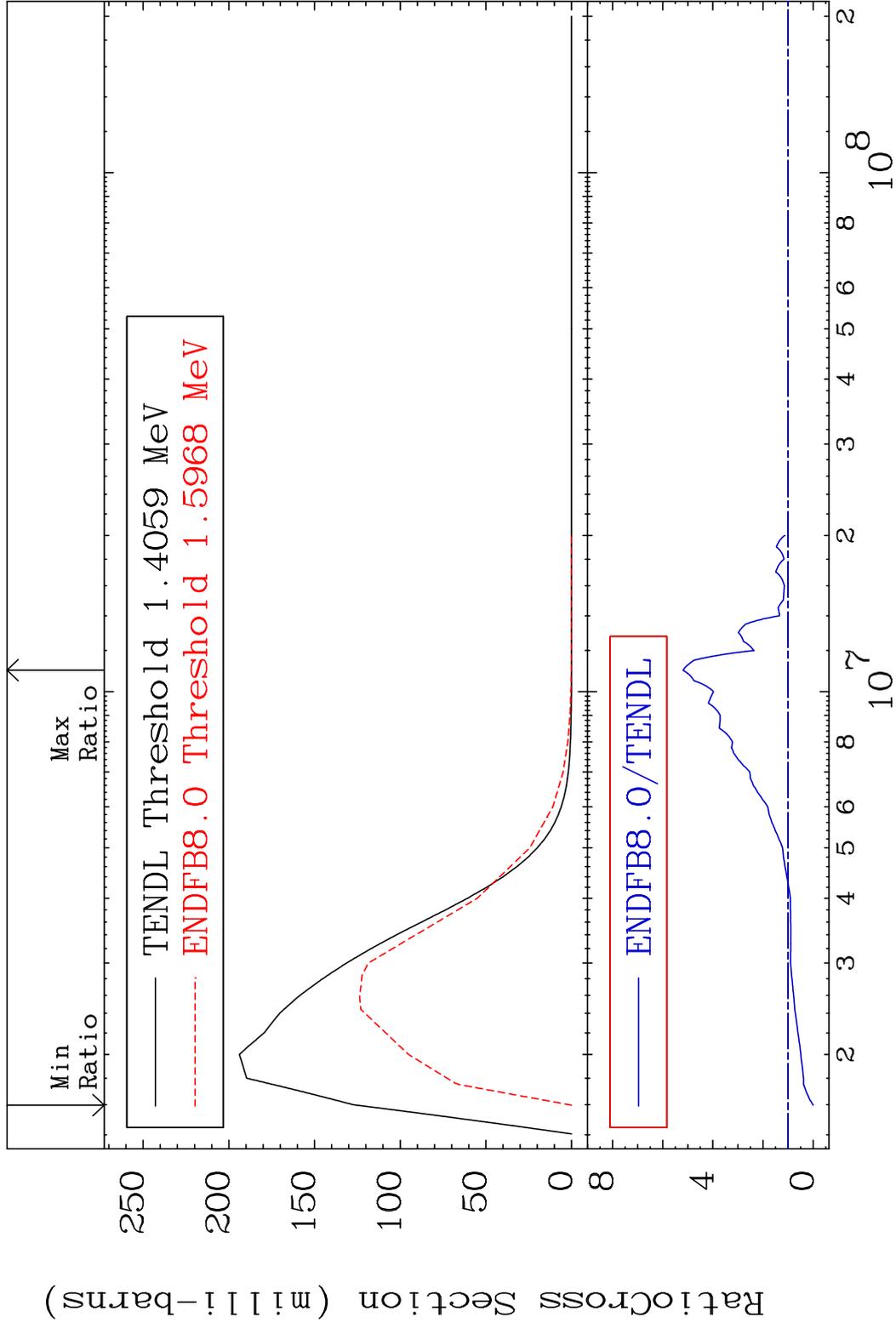


10 8 10⁶ 10⁷ 10⁸ 2 37-Rb-87

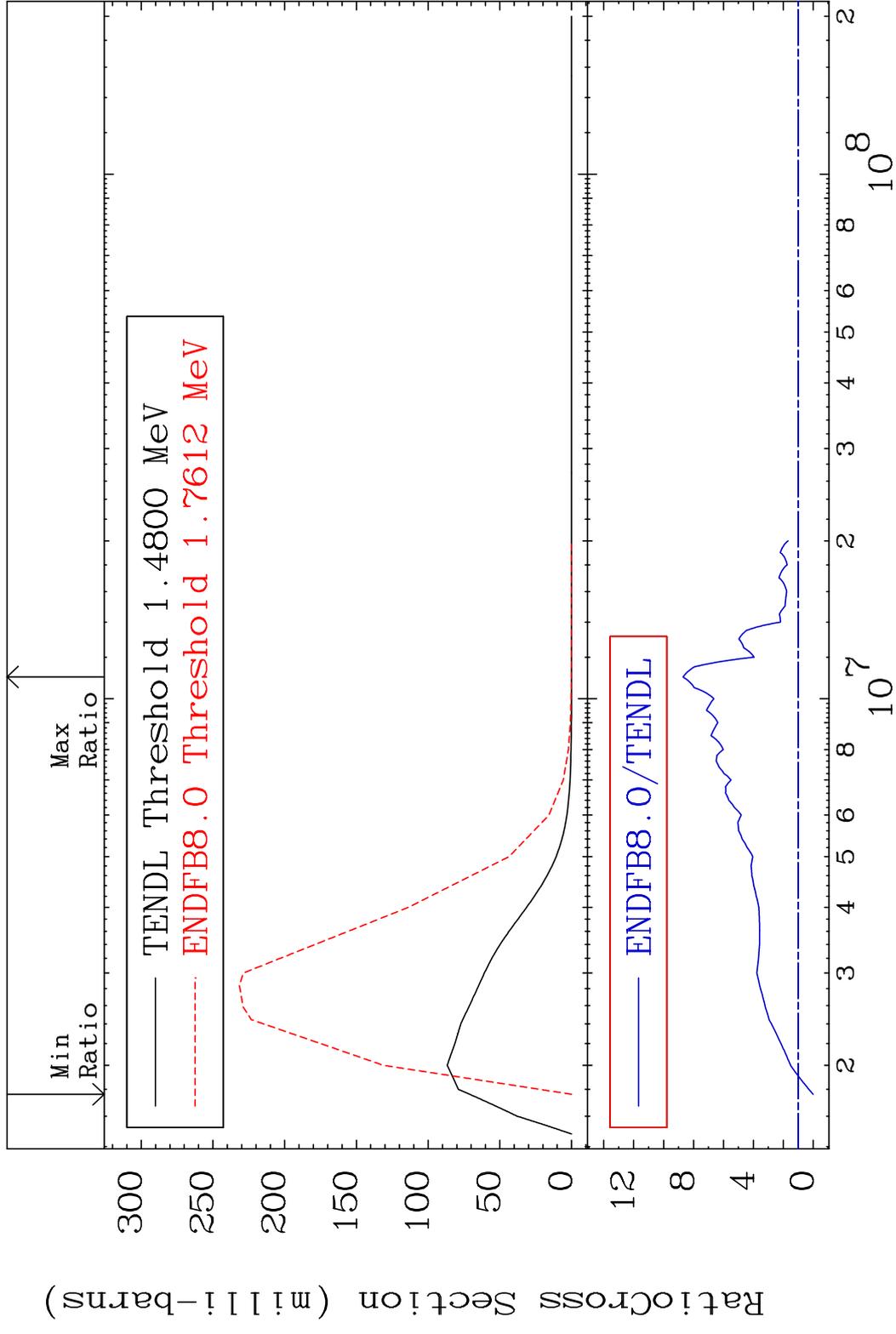
MAT 3731 MT= 53 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 139.5 %



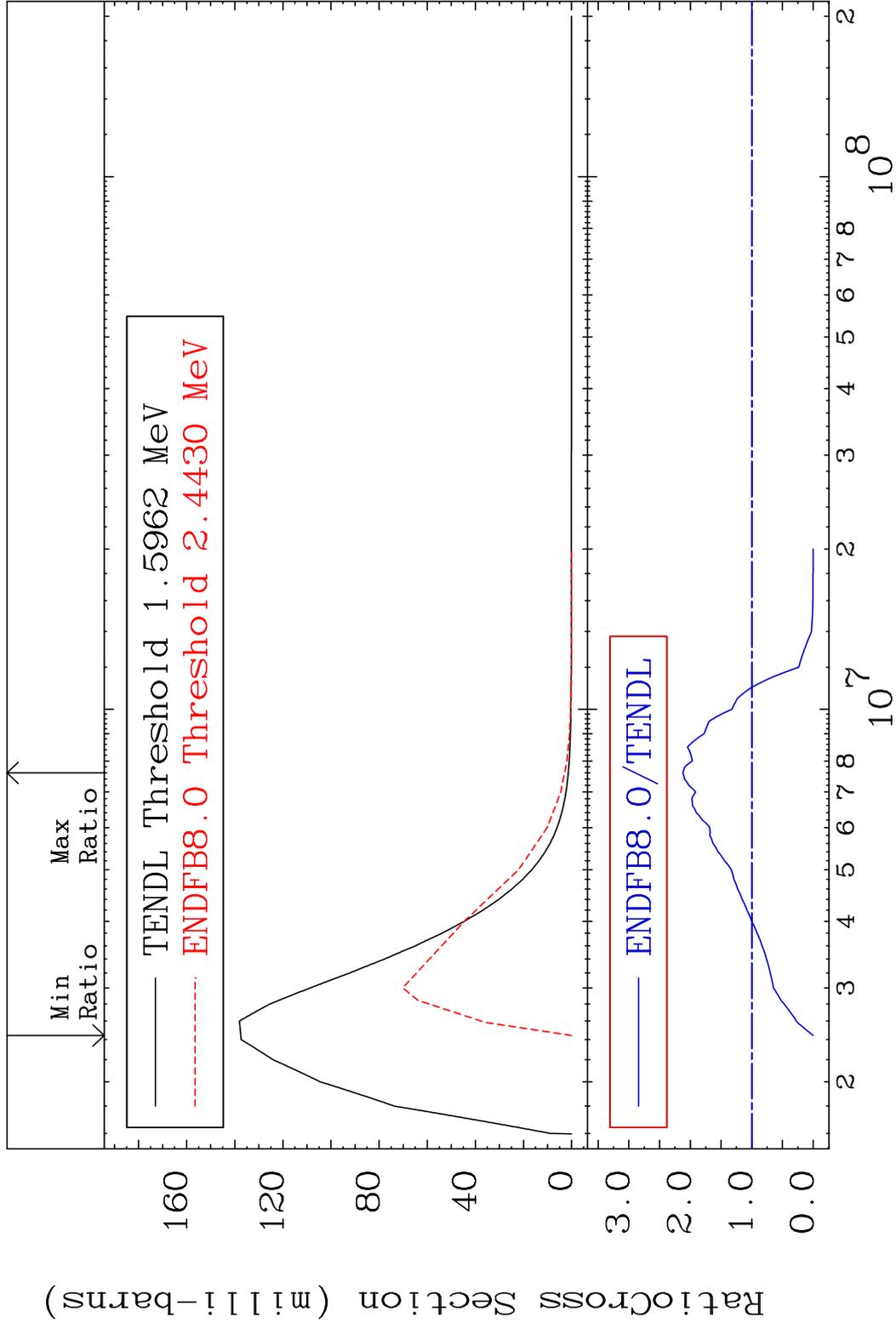
MAT 3731 MT= 54 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 419.7 %



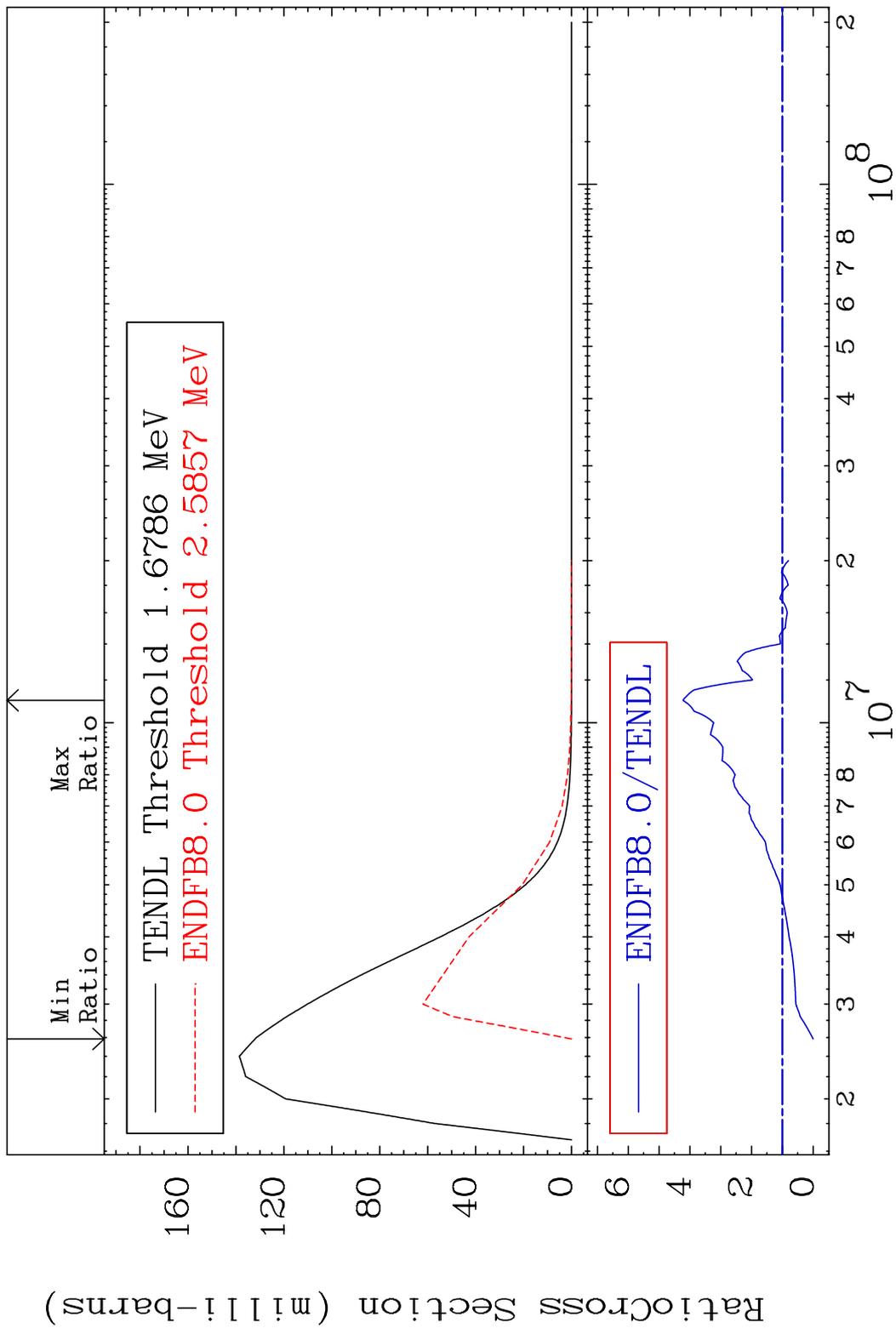
MAT 3731 MT= 55 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 771.3 %



MAT 3731 MT= 56 (n,n') Level 37-Rb-87
 Cross Section -100.0 To 112.2 %



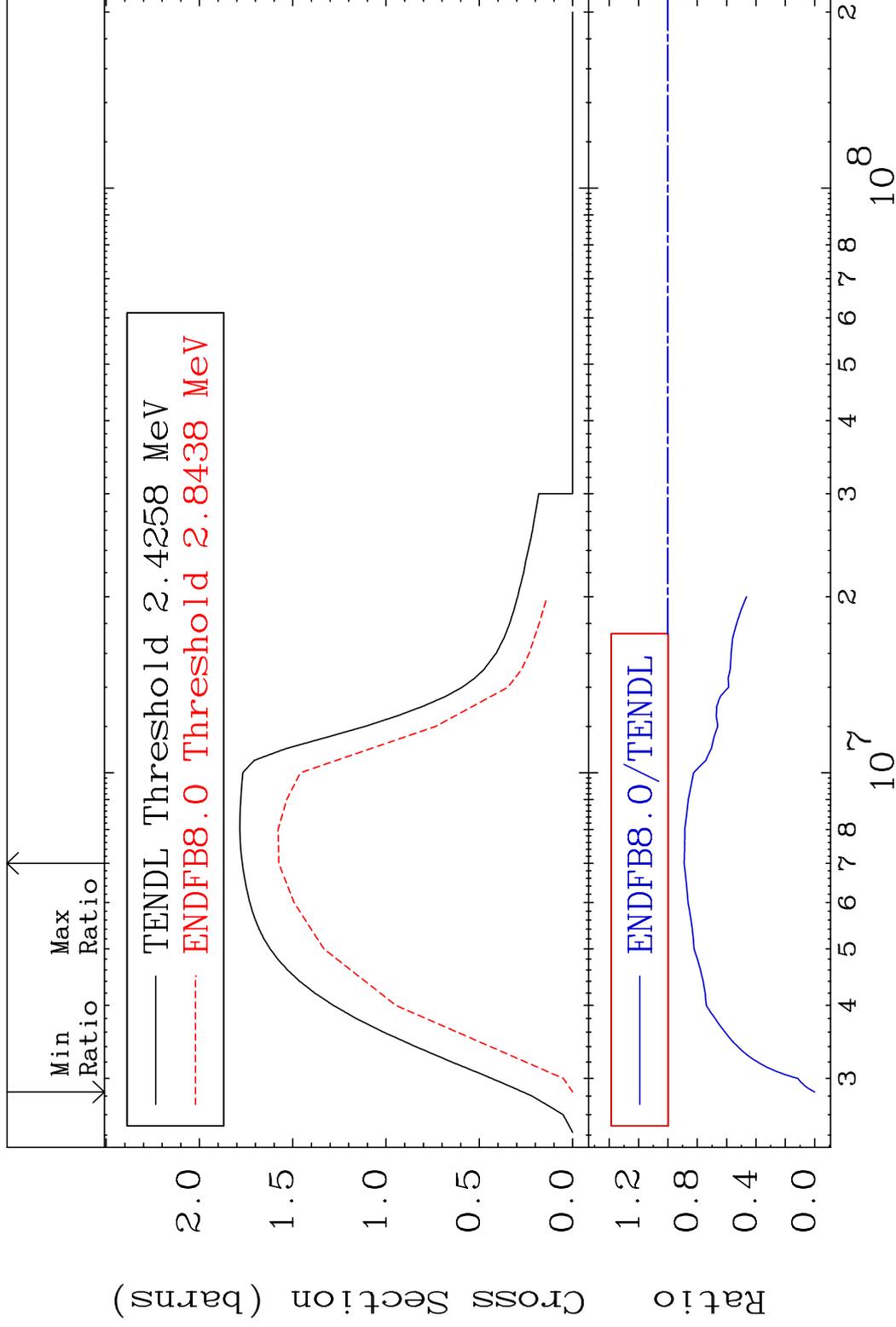
MAT 3731 MT= 57 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 322.9 %



15 Incident Energy (eV) 37-Rb-87

MAT 3731

(n, n') Continuum 37-Rb-87
Cross Section -100.0 To -11.03%



16

Incident Energy (eV)

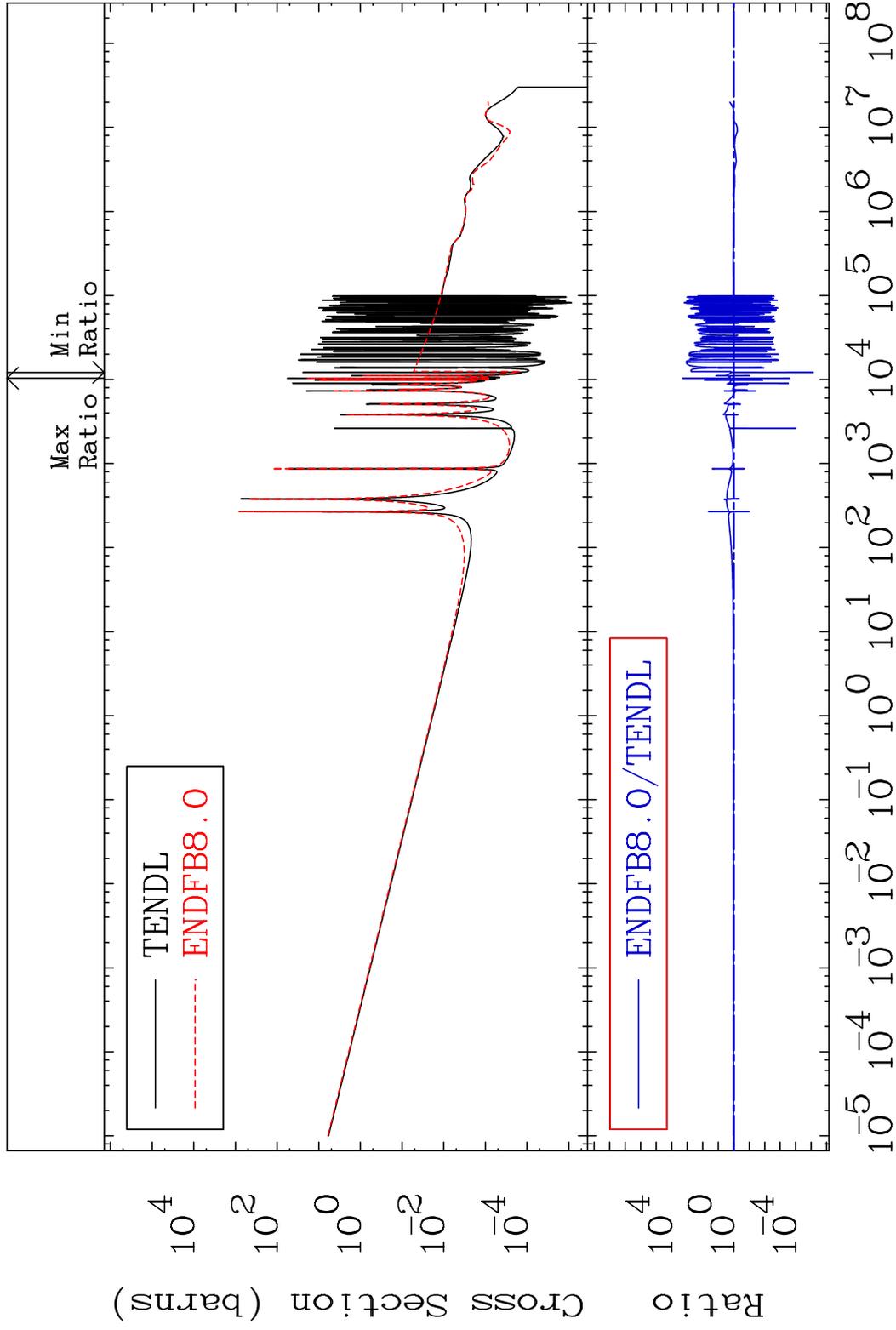
37-Rb-87

MAT 3731

(n, γ)

37-Rb-87

Cross Section -100.0 To 9999. %



17

Incident Energy (eV)

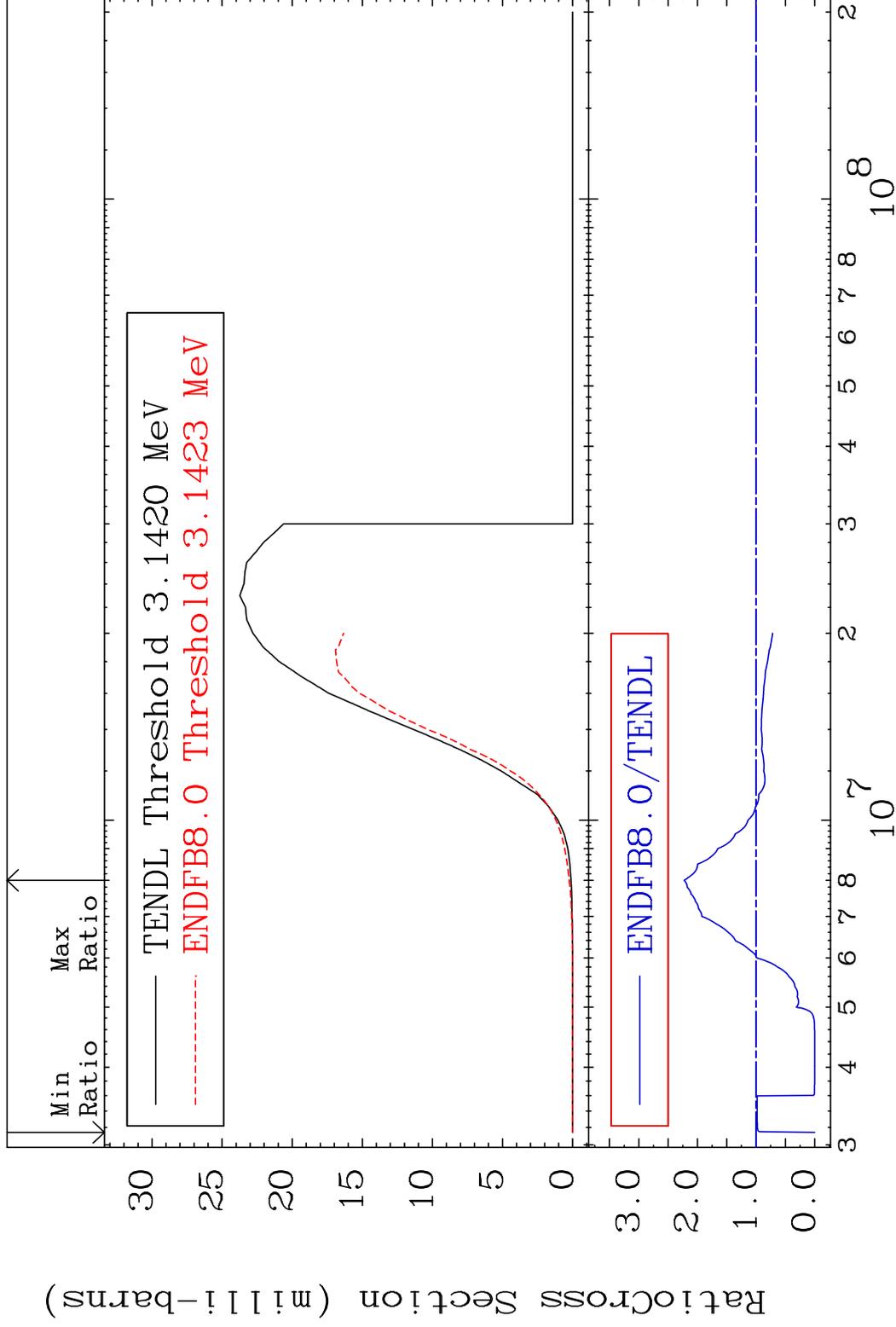
37-Rb-87

MAT 3731

(n,p)

37-Rb-87

Cross Section -100.0 To 122.7 %



18

Incident Energy (eV)

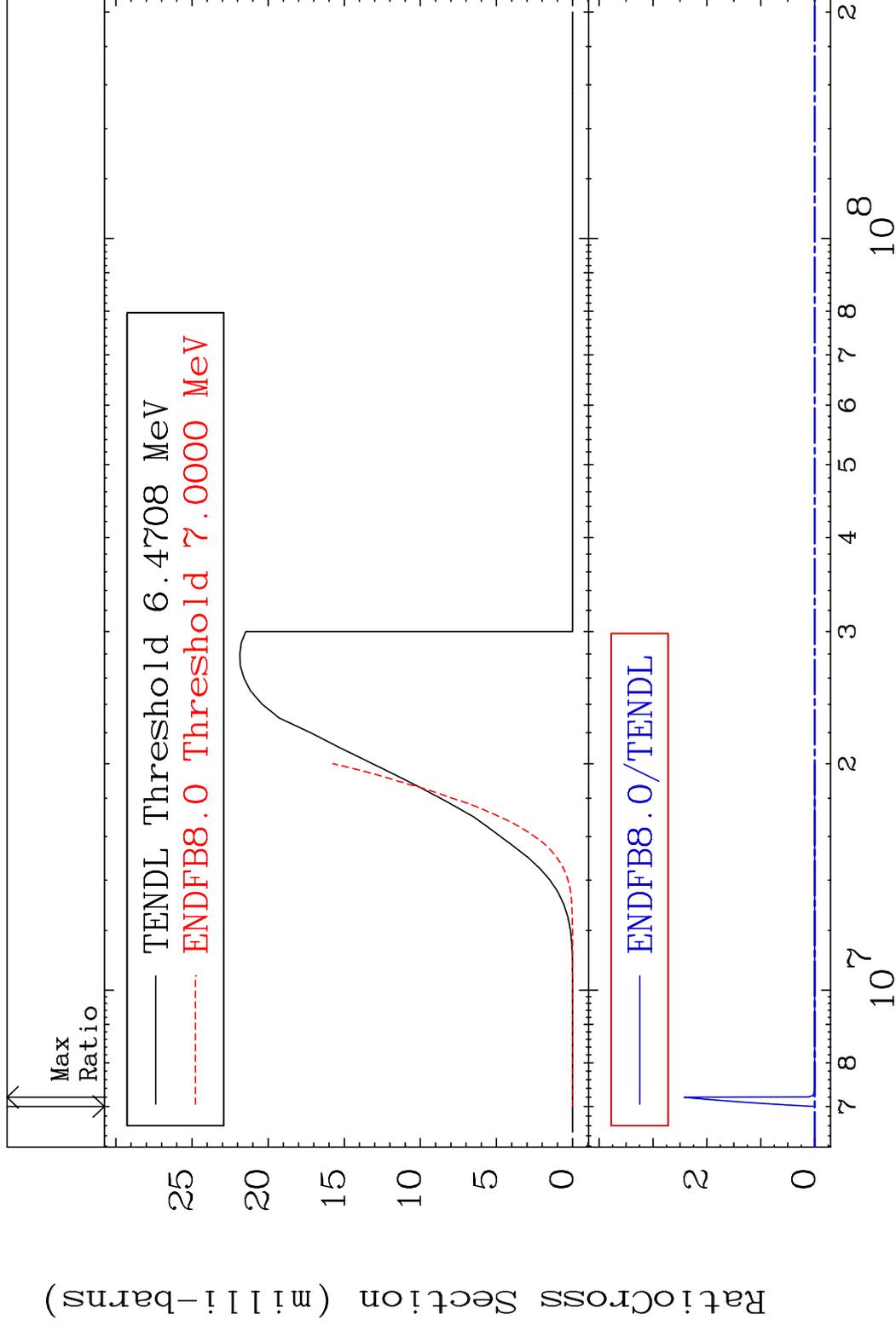
37-Rb-87

MAT 3731

(n,d)

37-Rb-87

Cross Section -100.0 To 9999. %



19

Incident Energy (eV)

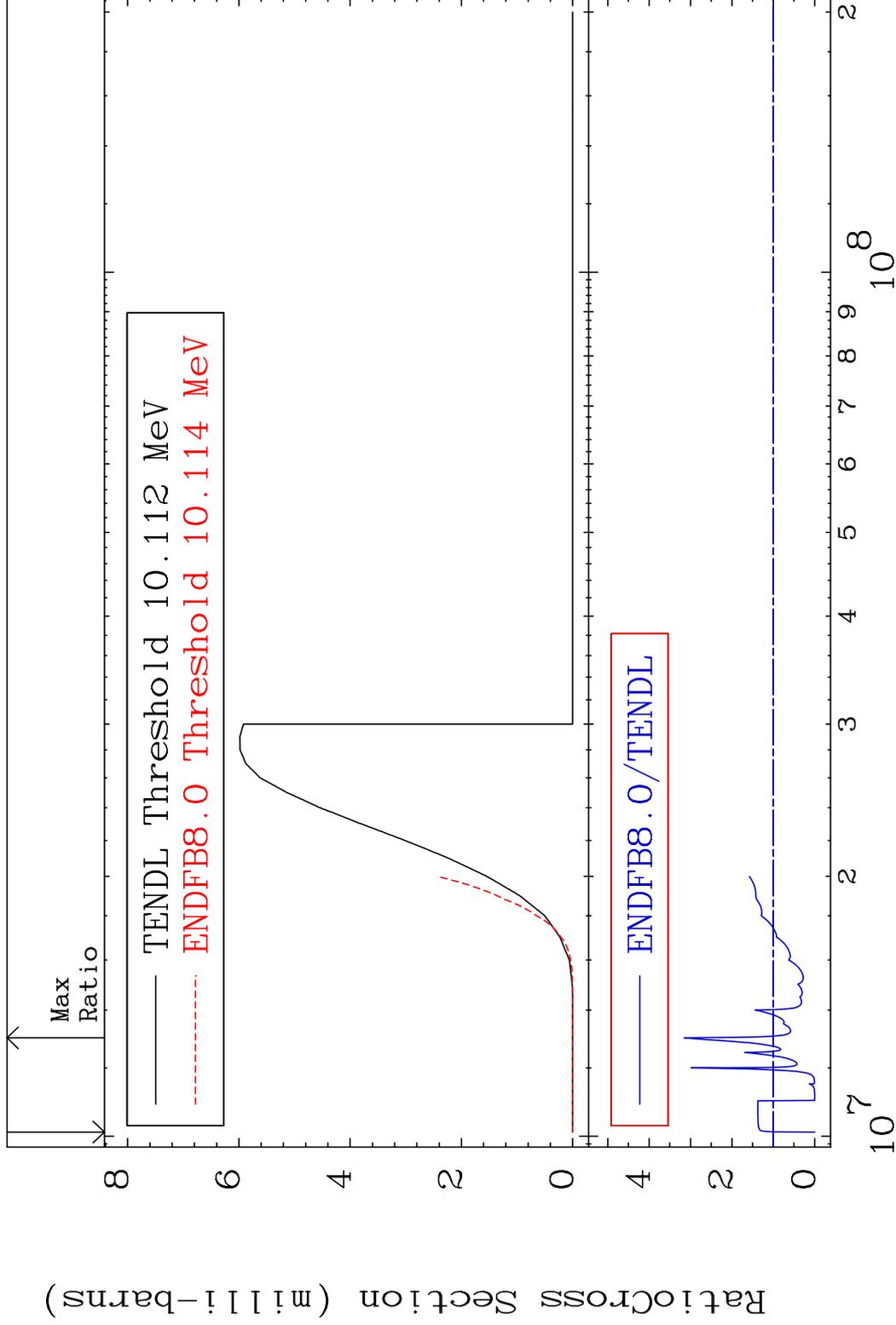
37-Rb-87

MAT 3731

(n, t)

37-Rb-87

Cross Section -100.0 To 215.3 %



20

Incident Energy (eV)

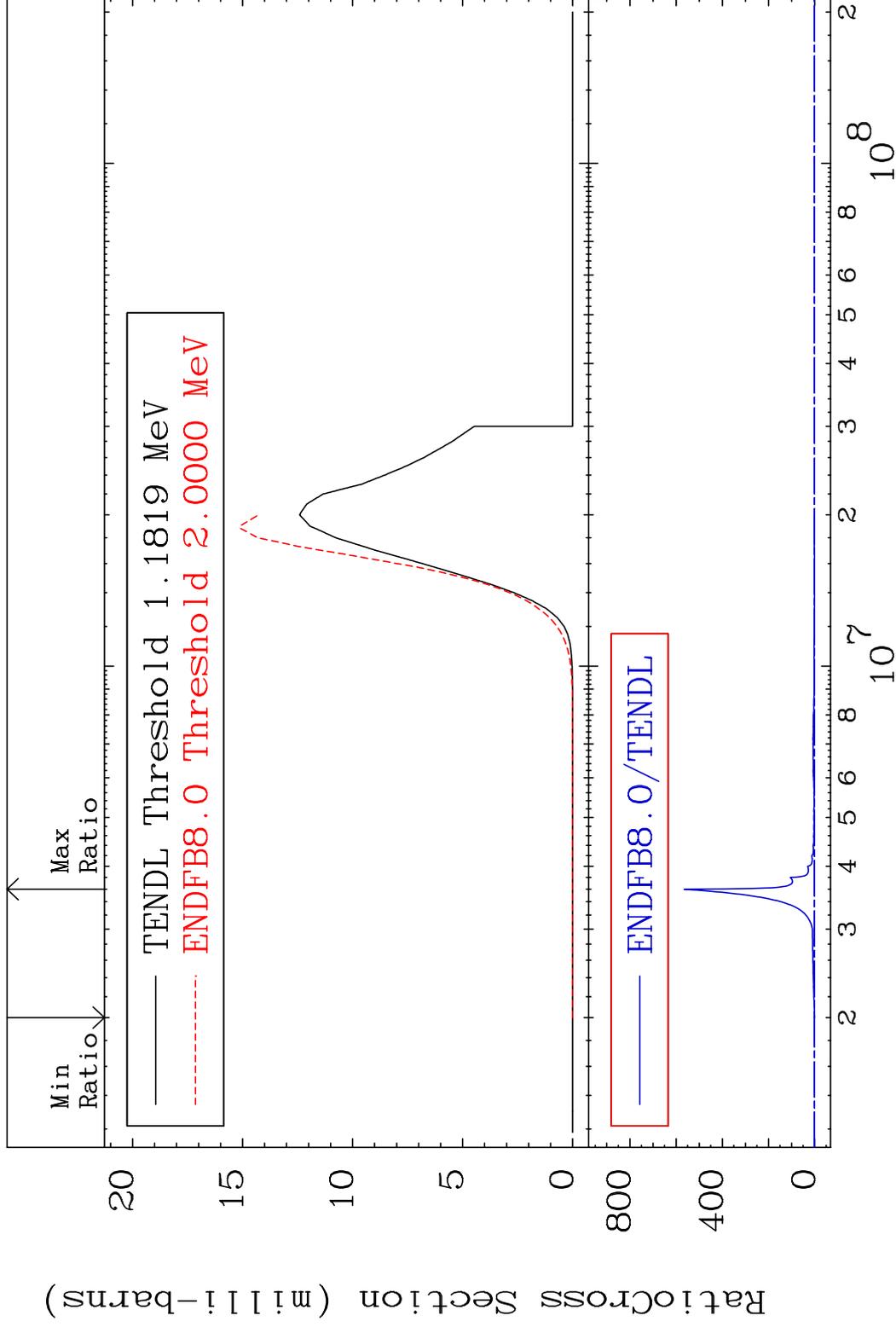
37-Rb-87

MAT 3731

(n, α)

37-Rb-87

Cross Section -100.0 To 9999. %

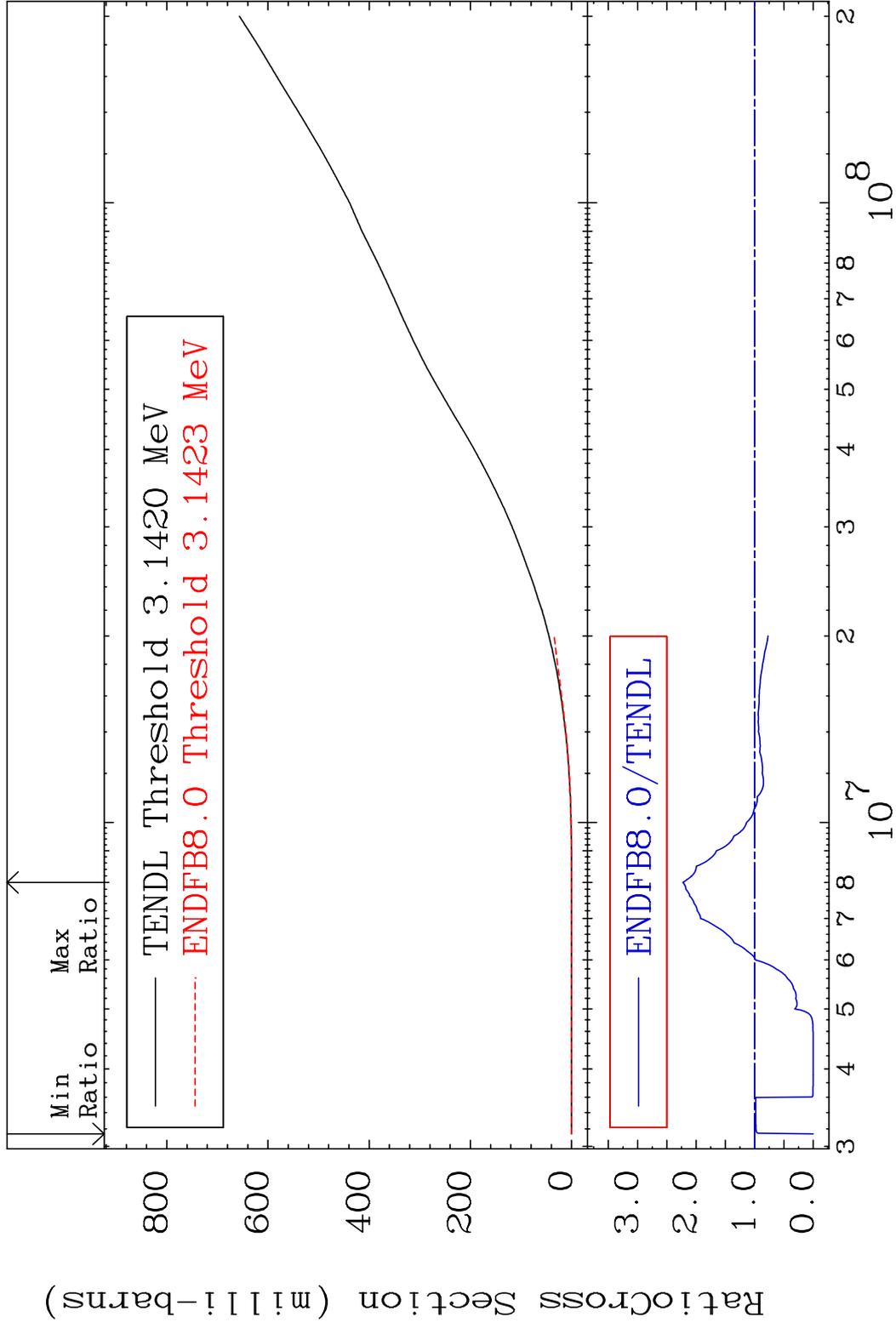


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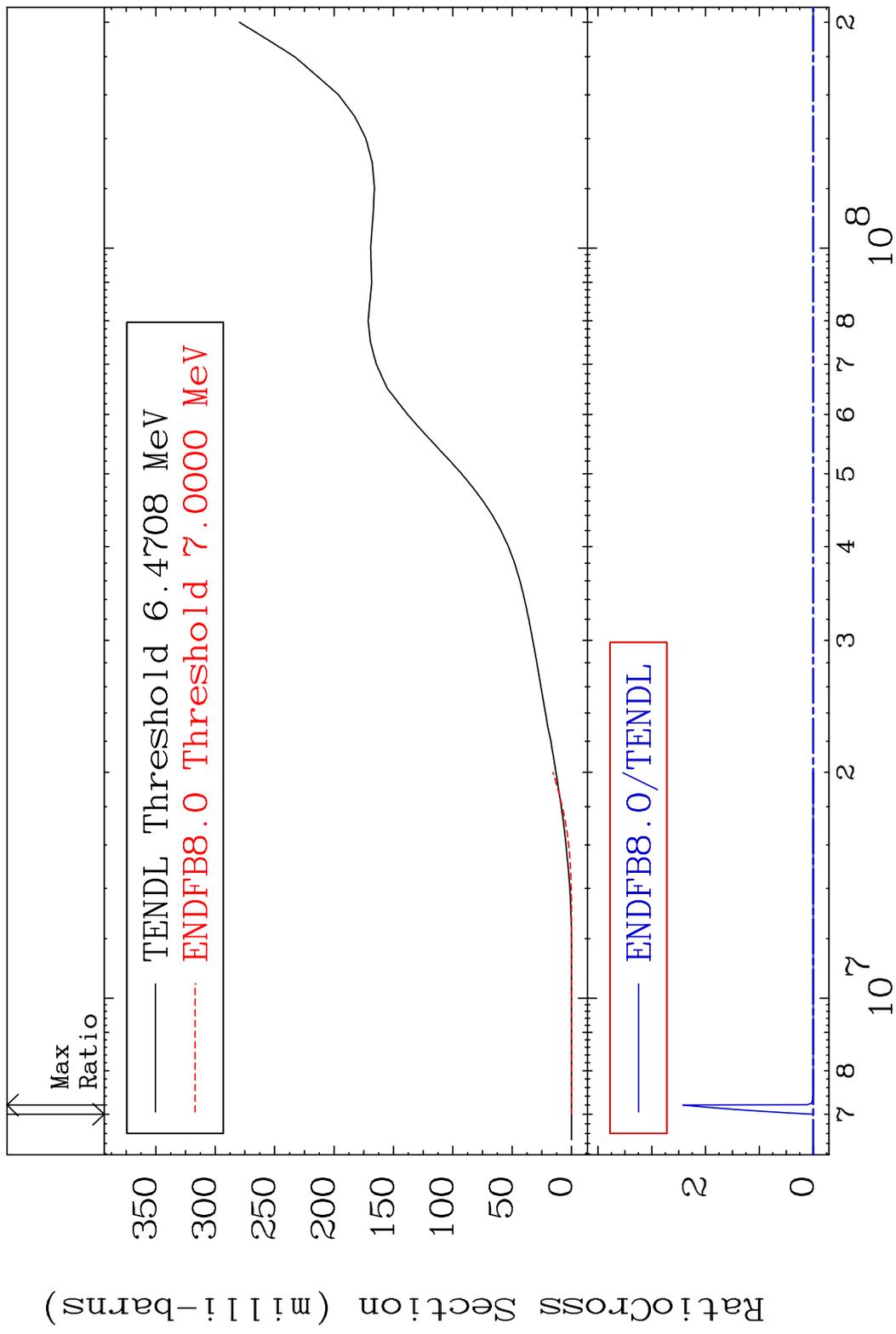
Incident Energy (eV)

37-Rb-87

MAT 3731 Hydrogen Production 37-Rb-87
 Cross Section -100.0 To 122.7 %



MAT 3731 Deuterium Production 37-Rb-87
 Cross Section -100.0 To 9999. %

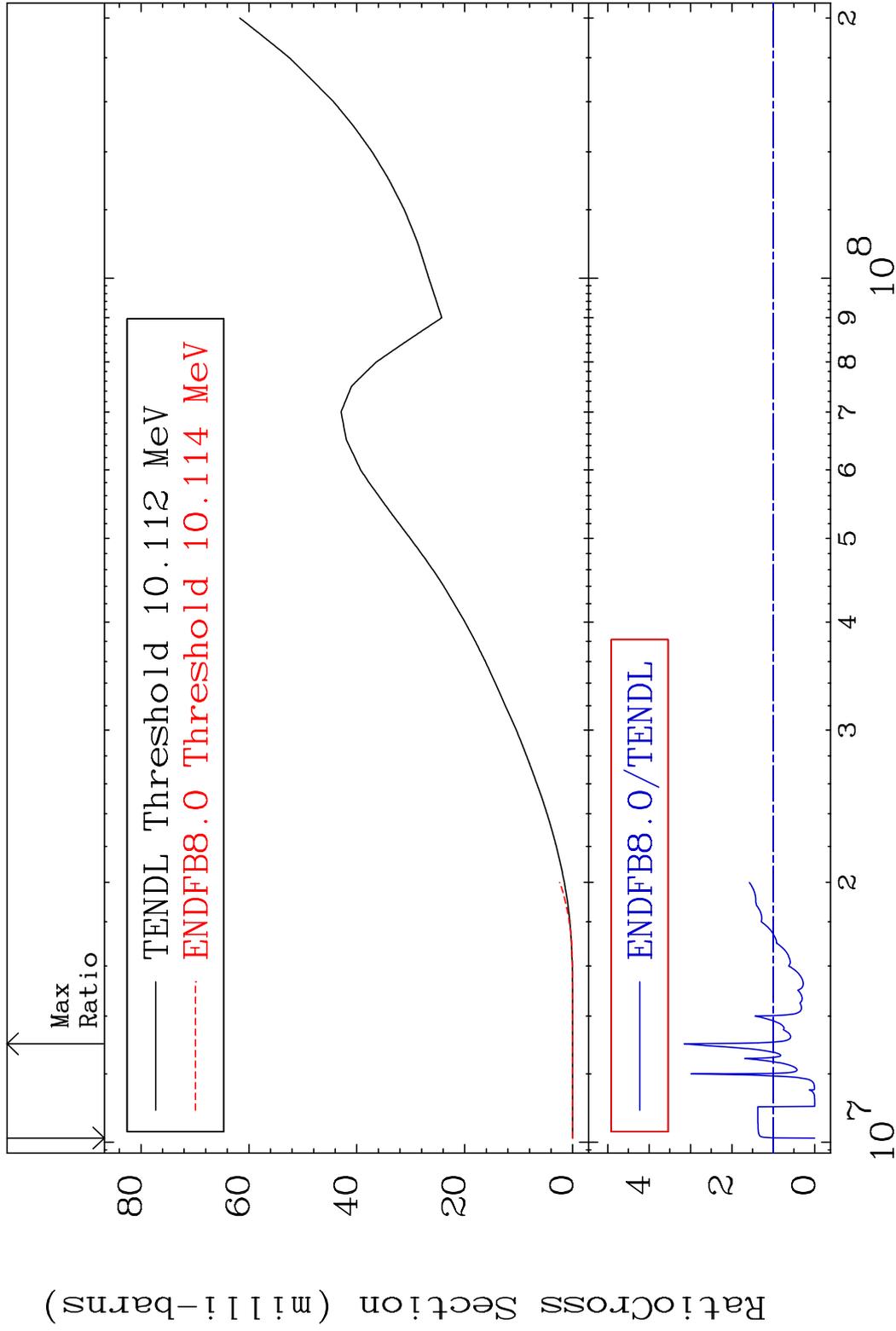


23 Incident Energy (eV) 37-Rb-87

MAT 3731

Tritium Production 37-Rb-87

Cross Section -100.0 To 215.3 %



24

Incident Energy (eV)

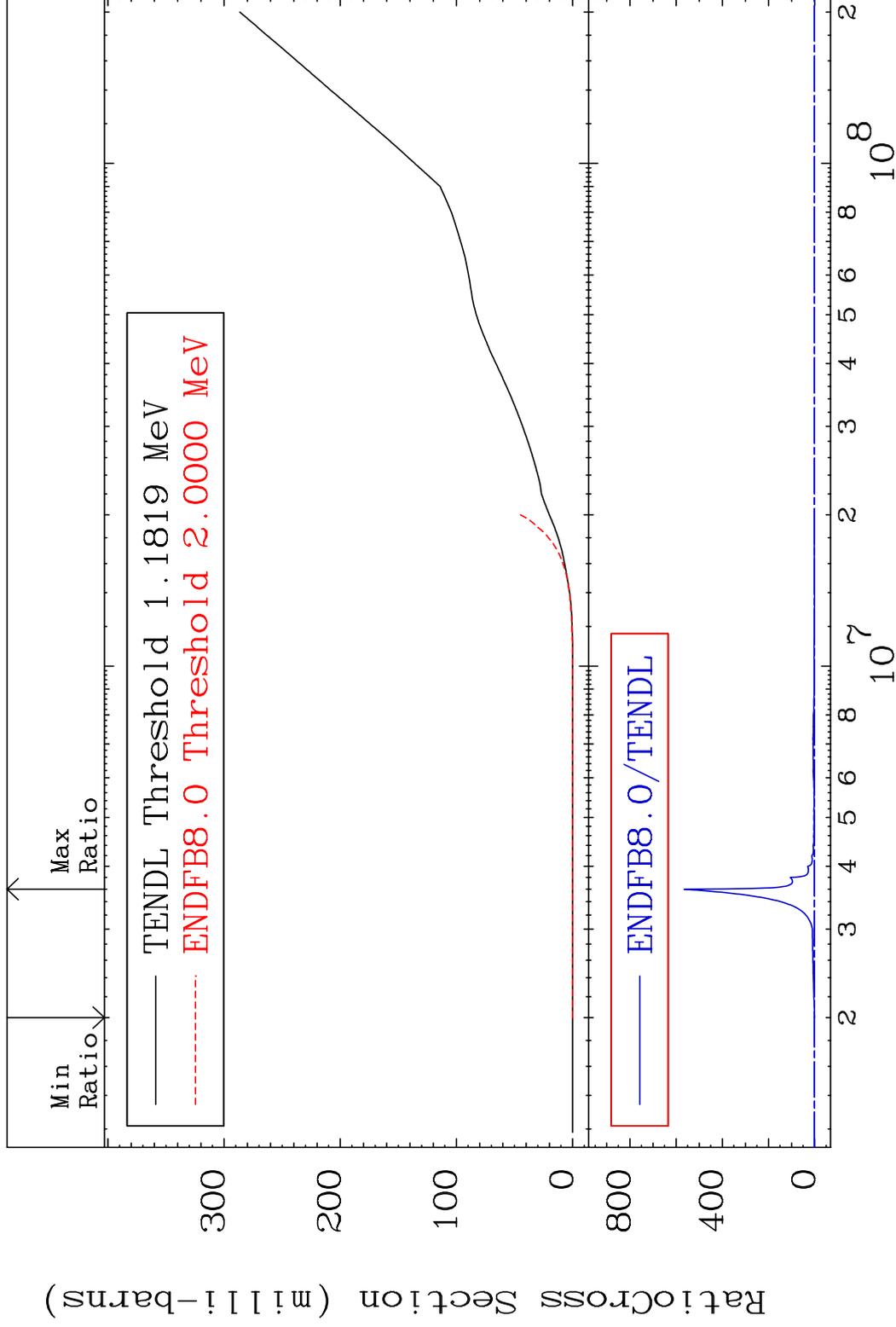
37-Rb-87

MAT 3731

He-4 Production

37-Rb-87

Cross Section -100.0 To 9999. %

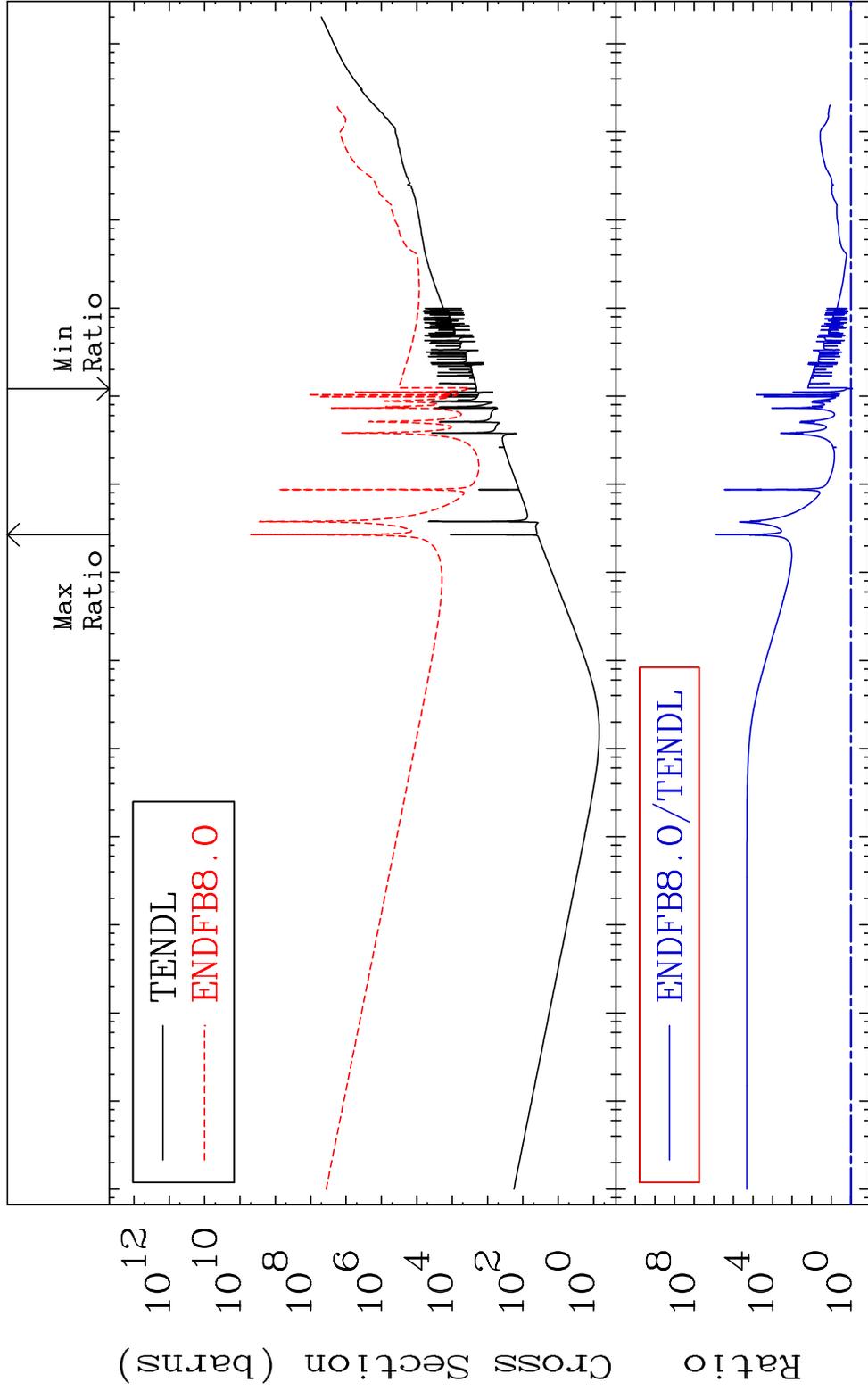


25

Incident Energy (eV)

37-Rb-87

MAT 3731 Kerma total (eV-barns) 37-Rb-87
 Cross Section -16.81 To 9999. %

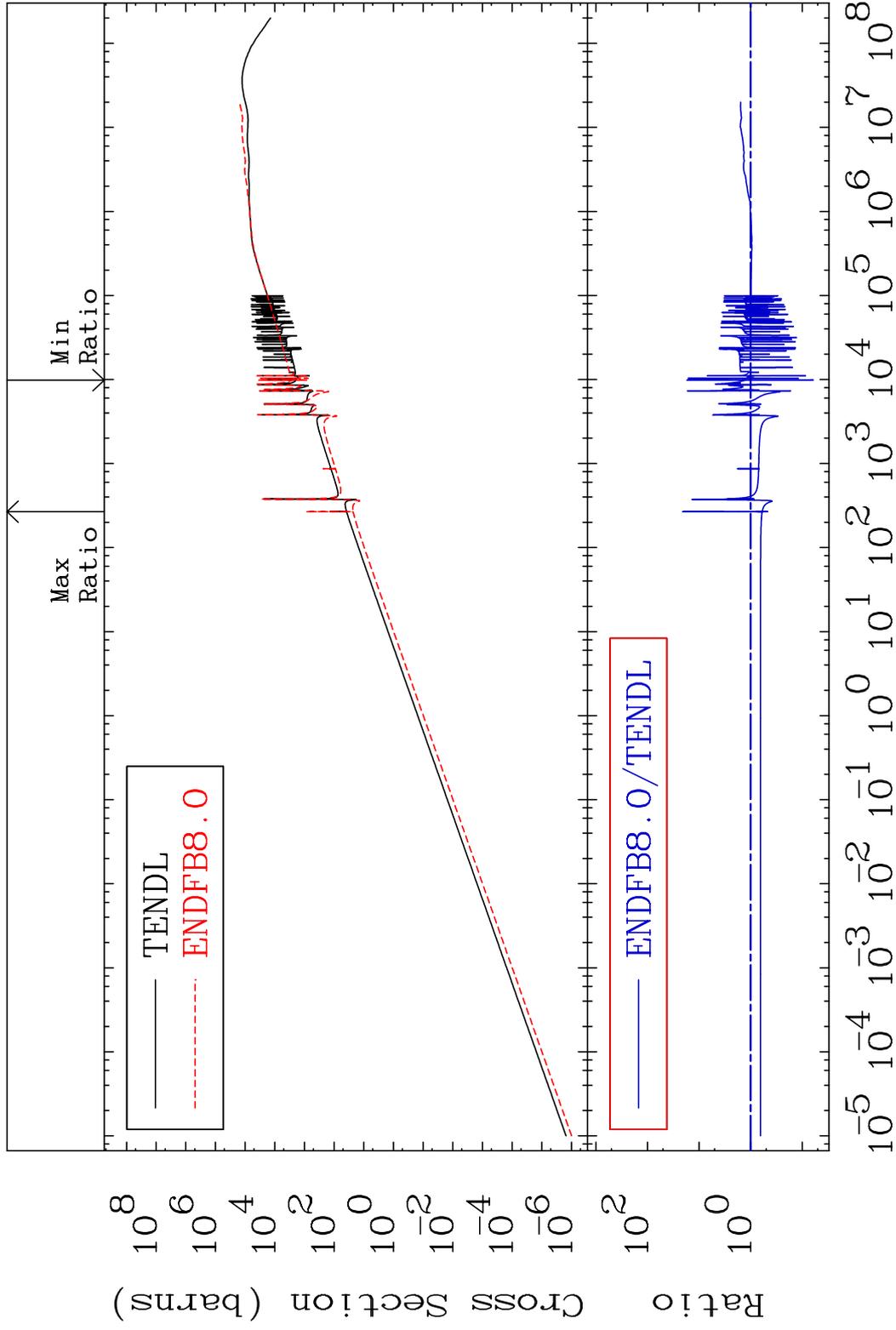


Ratio
 Cross Section (barns)
 Incident Energy (eV)

MAT 3731

Kerma elastic
Cross Section

37-Rb-87
-93.83 To 1974. %

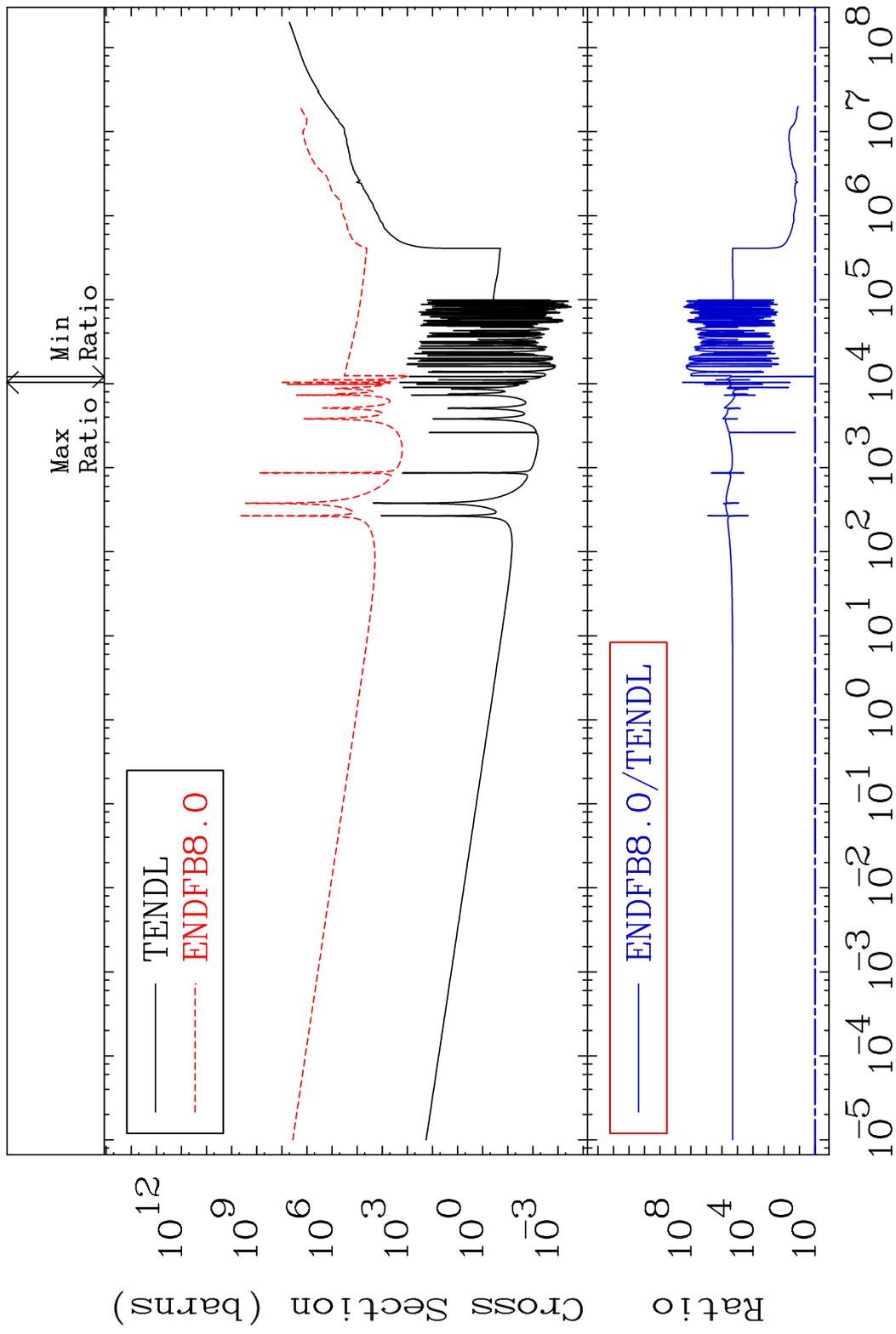


27

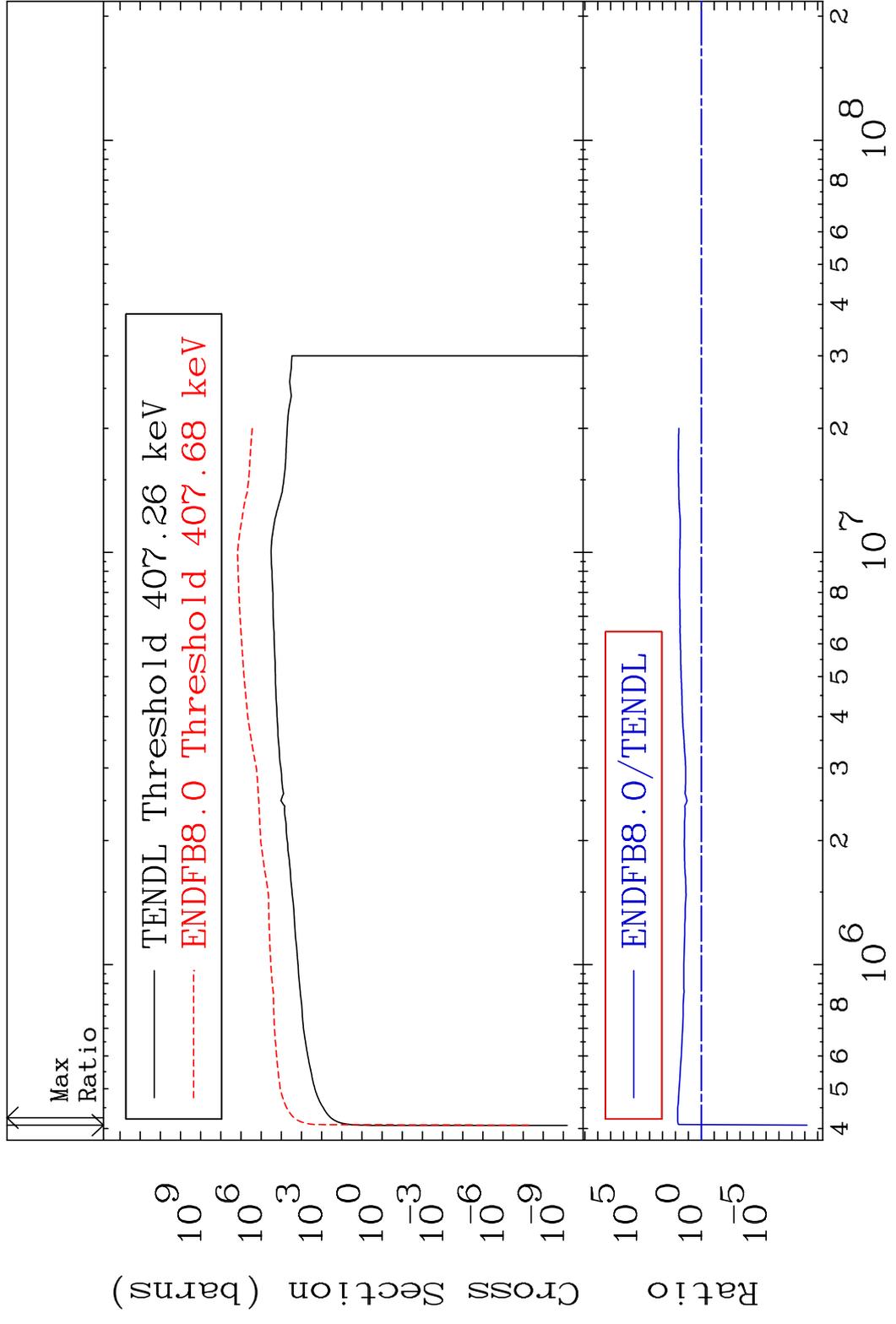
Incident Energy (eV)

37-Rb-87

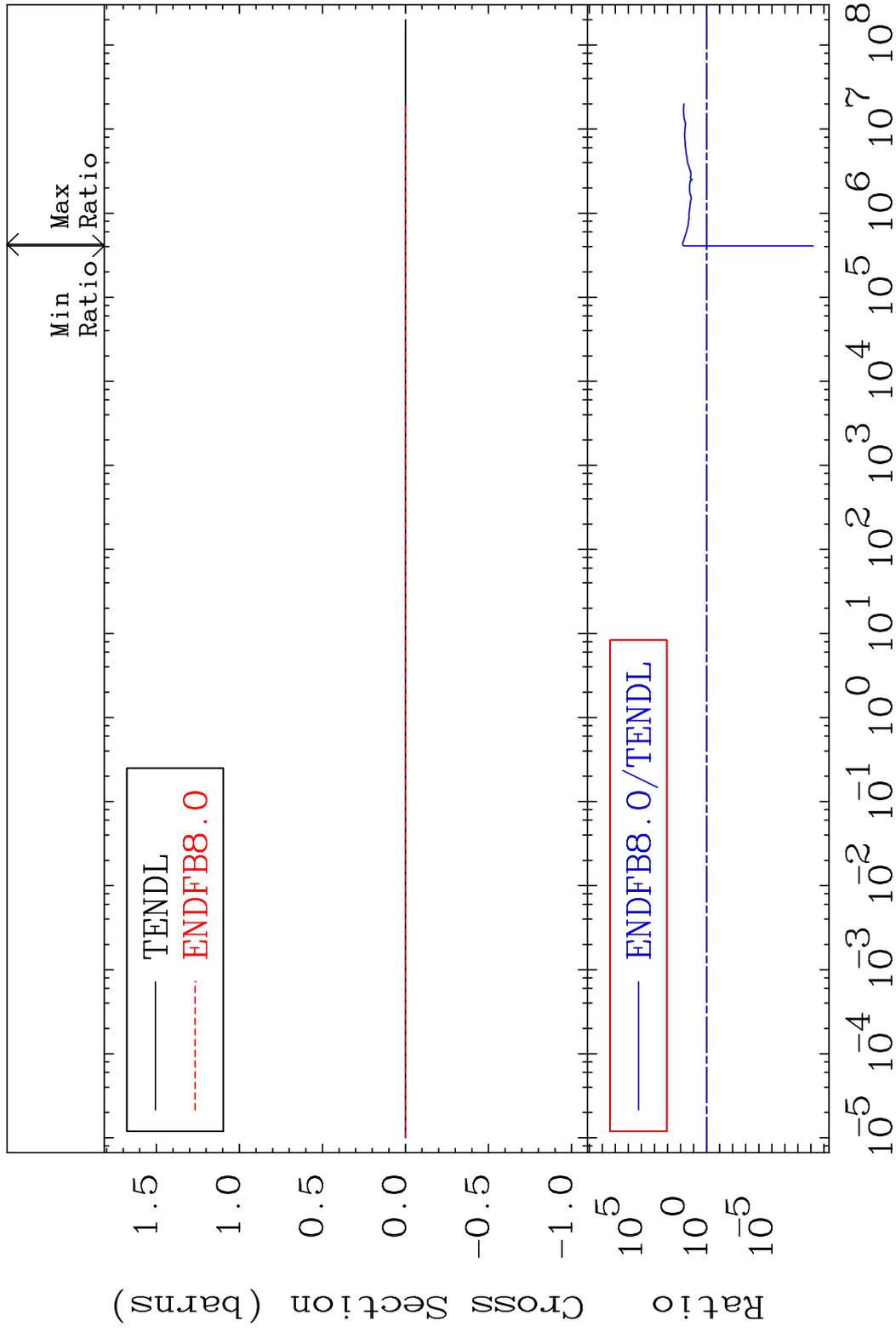
MAT 3731 Kerma non-elastic (all but mt2) 37-Rb-87
 Cross Section 32.67 To 9999. %



MAT 3731 Kerma inelastic (mt51-91) 37-Rb-87
 Cross Section -100.0 To 6567. %



MAT 3731 Kerma fission (mt18 or mt19-20-21-38) 37-Rb-87
 Cross Section -100.0 To 6567. %

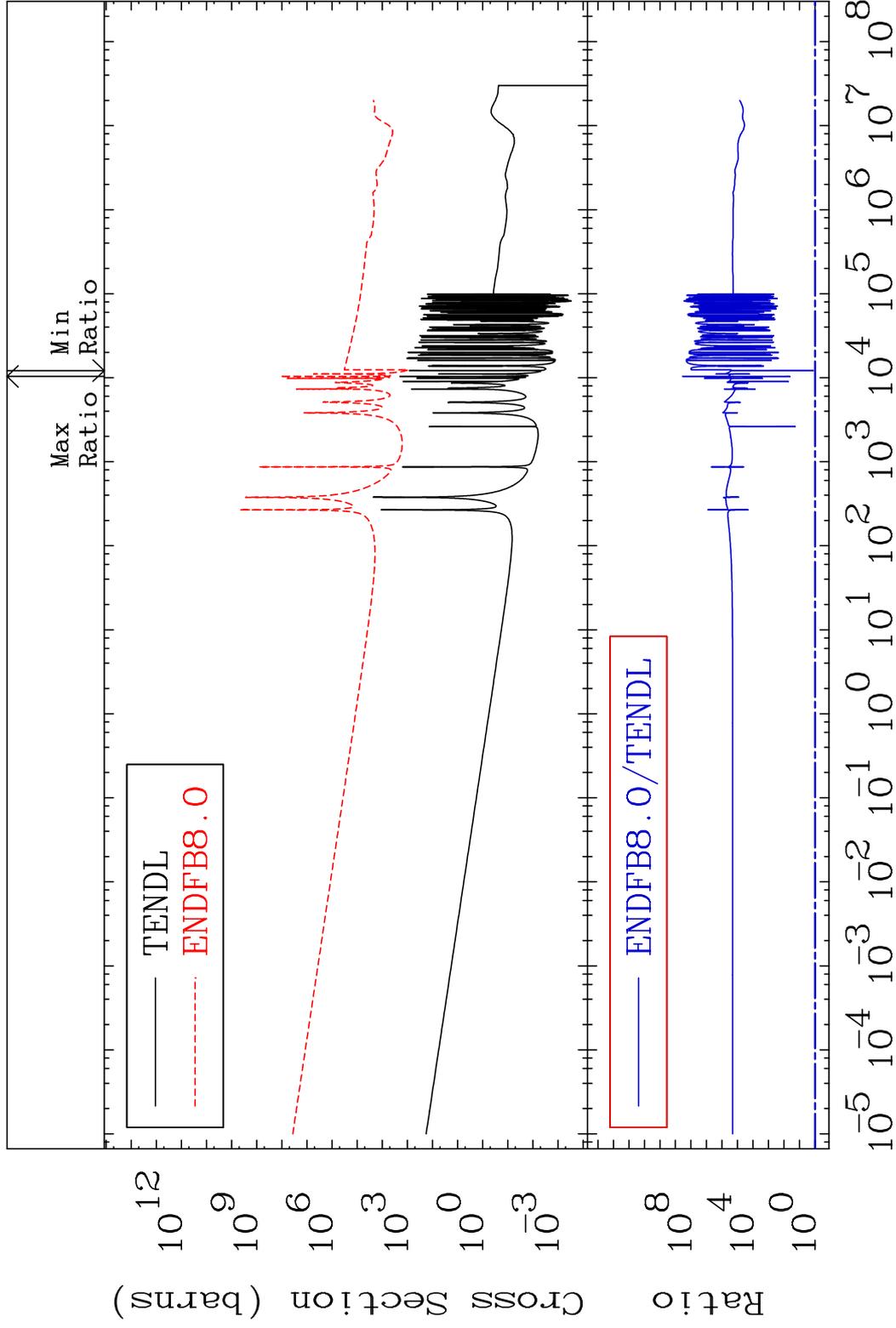


MAT 3731

Kerma capture (mt102)

37-Rb-87

Cross Section 32.67 To 9999. %

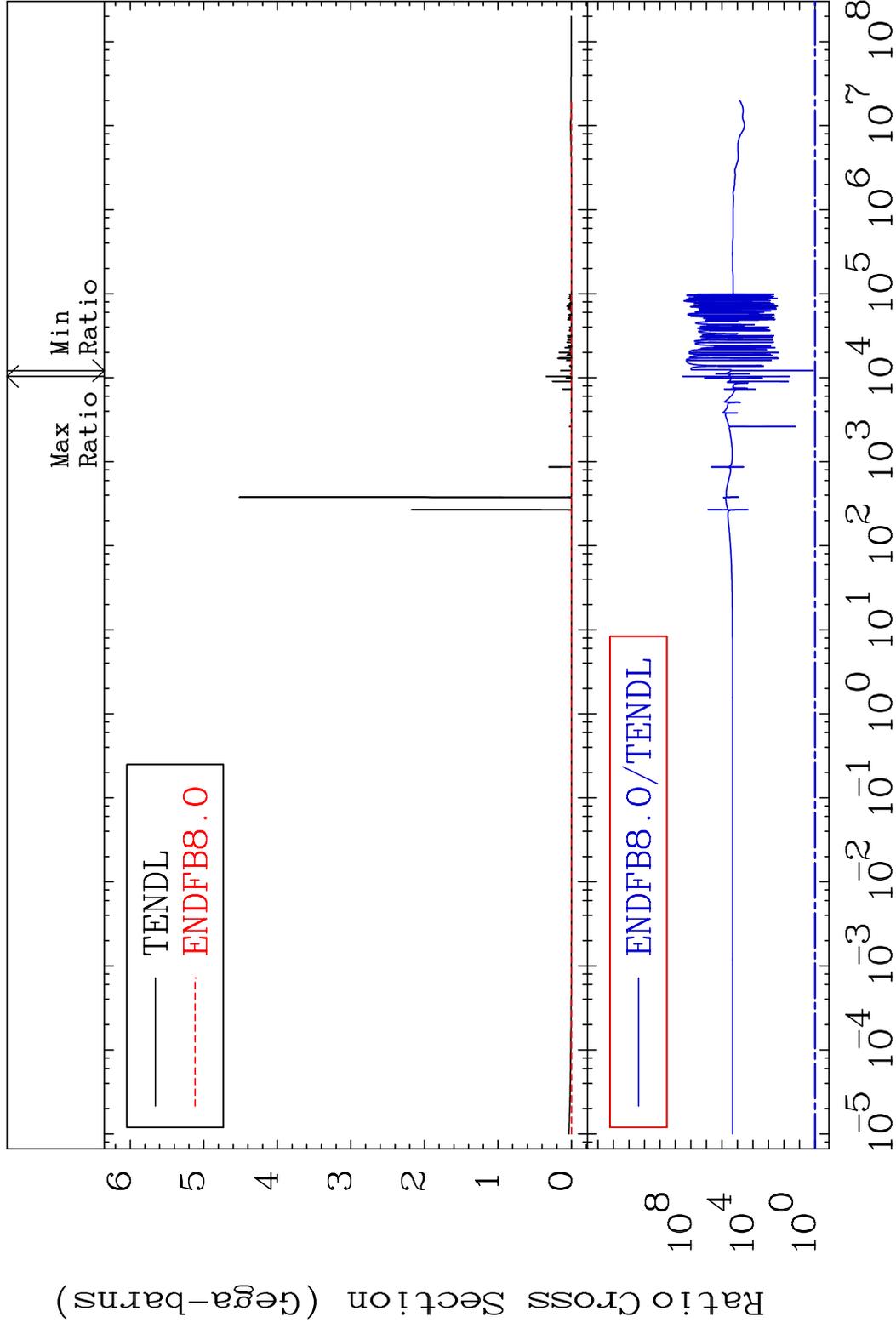


31

Incident Energy (eV)

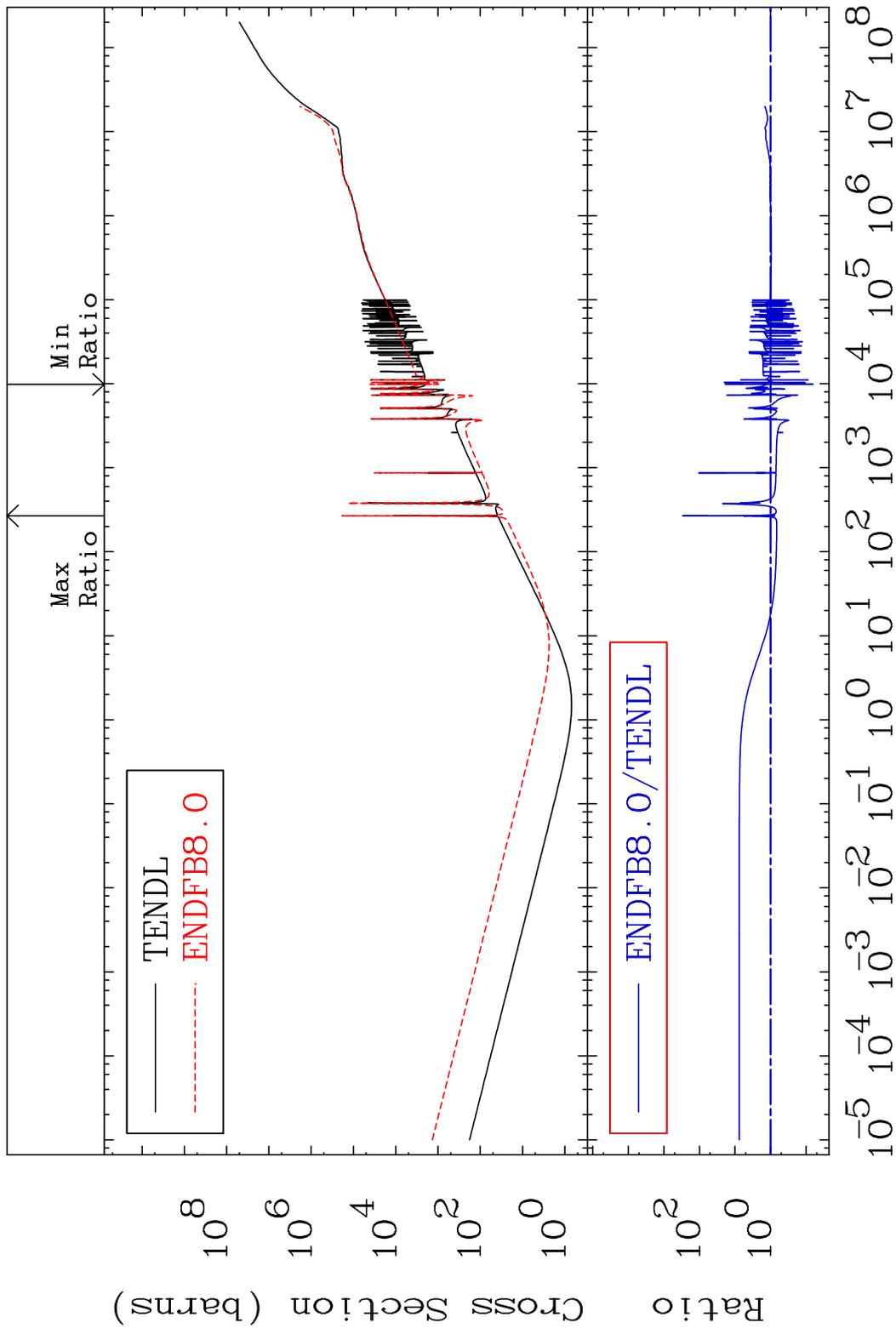
37-Rb-87

MAT 3731 Total photon (eV-barns) 37-Rb-87
 Cross Section 32.67 To 9999. %

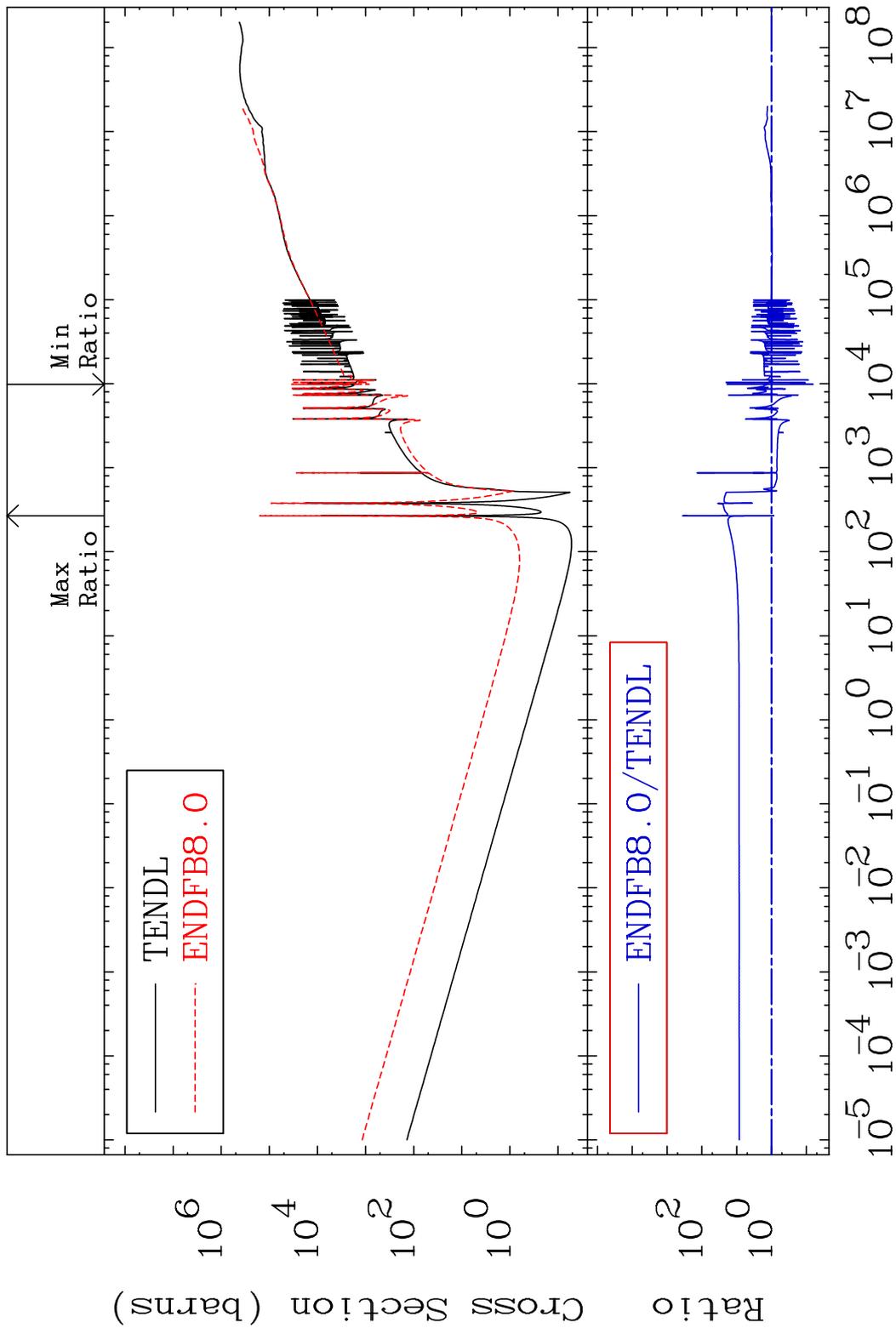


32 Incident Energy (eV) 37-Rb-87

MAT 3731 Total kinematic kerma (high limit) 37-Rb-87
 Cross Section -93.65 To 9999. %



MAT 3731 Dpa total (eV-barns) 37-Rb-87
 Cross Section -93.64 To 9999. %

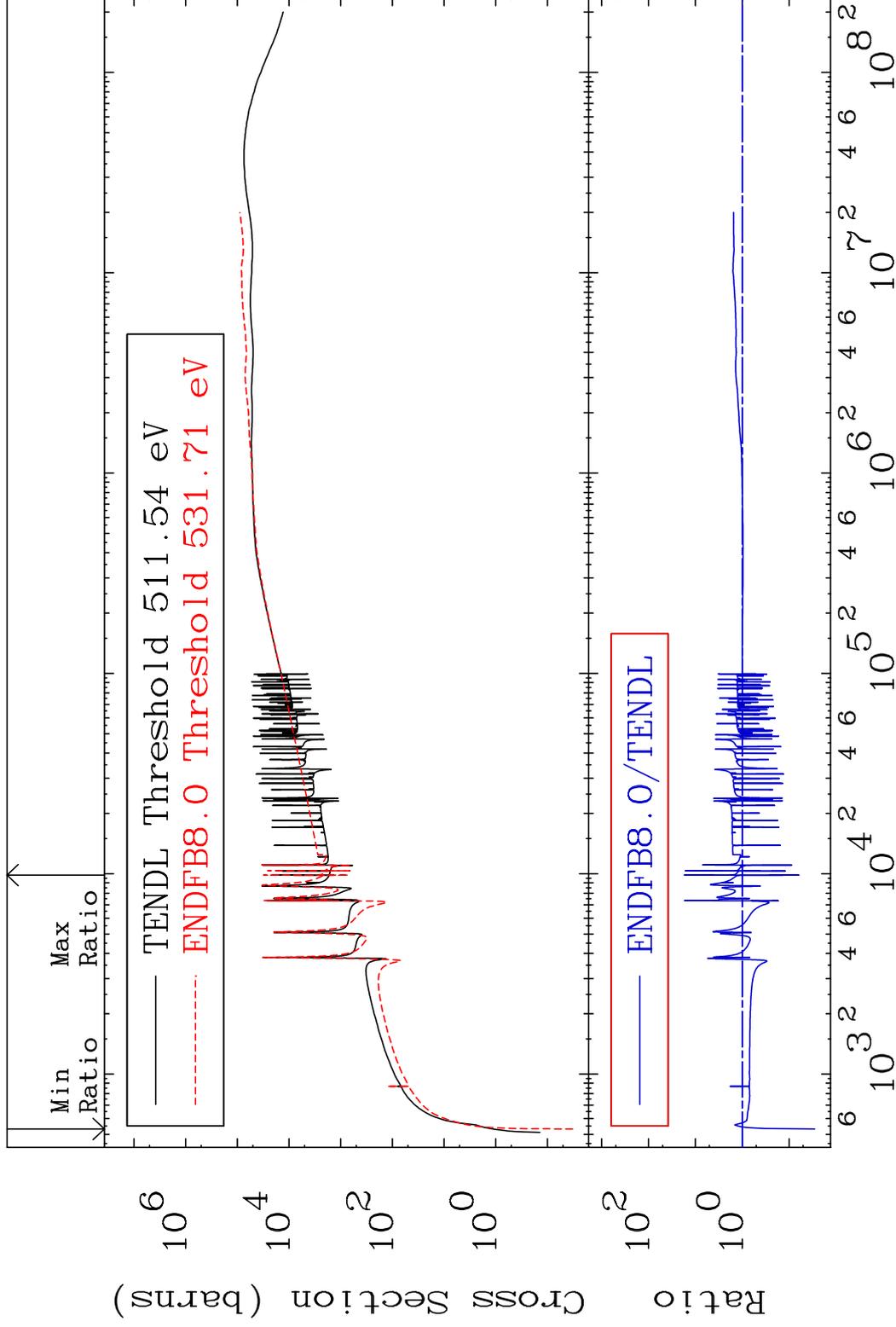


MAT 3731

Dpa elastic (mt2)

37-Rb-87

Cross Section -97.17 To 1633. %

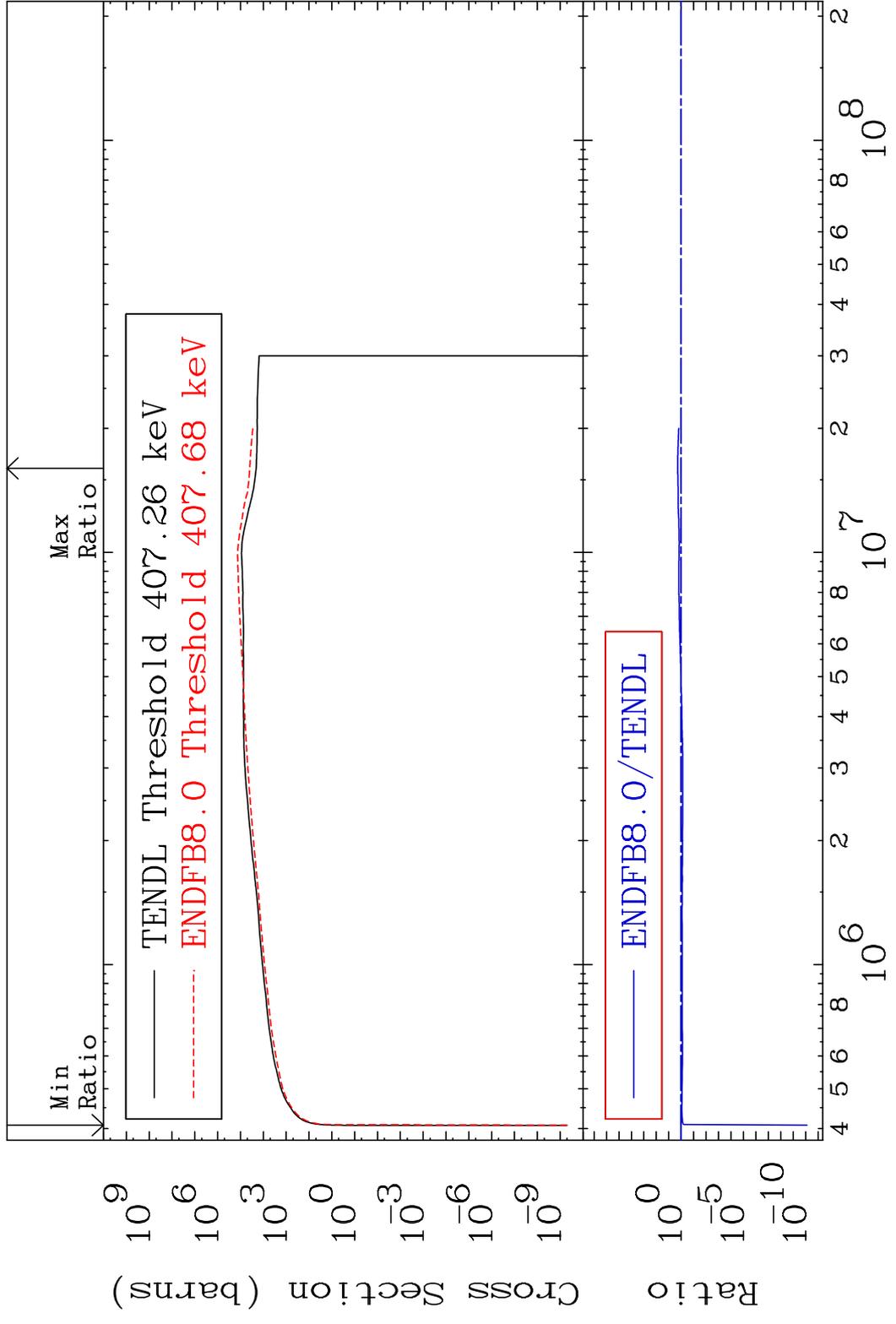


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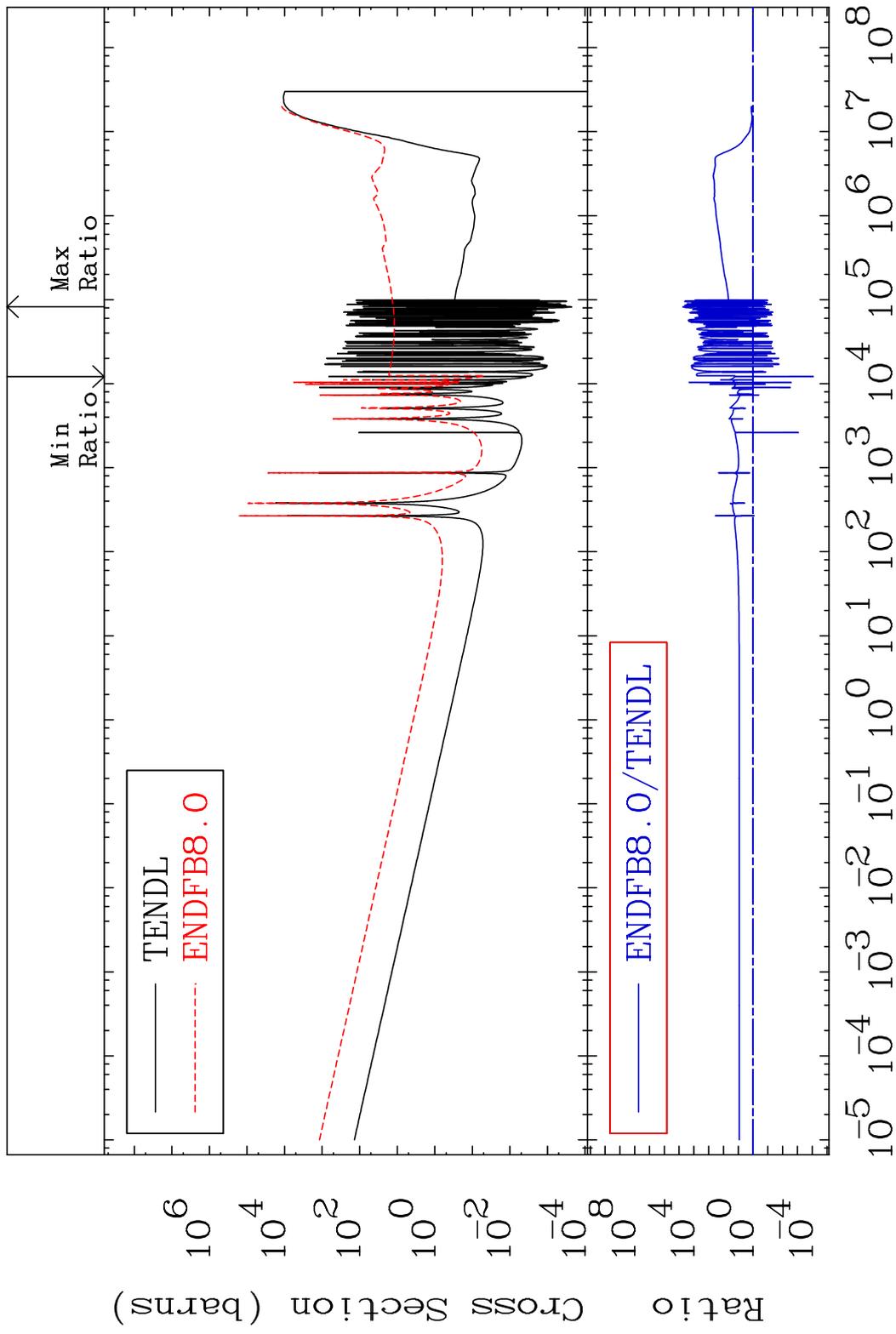
Incident Energy (eV)

37-Rb-87

MAT 3731 Dpa inelastic (mt51-91) 37-Rb-87
 Cross Section -100.0 To 91.10 %



MAT 3731 Dpa disappearance (mt102 -120) 37-Rb-87
 Cross Section -99.99 To 9999. %



37 Incident Energy (eV) 37-Rb-87