

Program Complot
(Version 2021-1)

by

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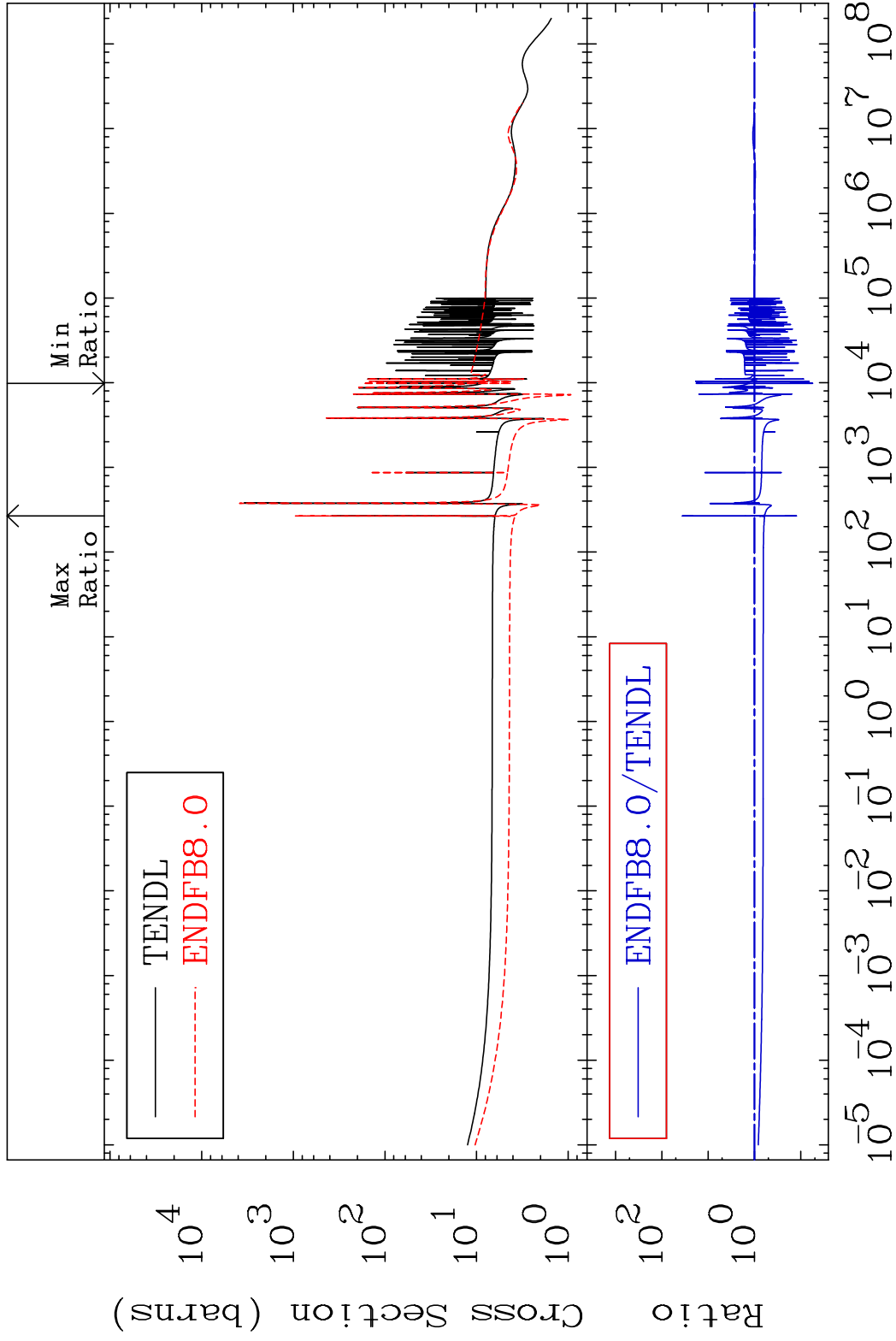
Press Mouse Button to Start

MAT 3731

37-Rb-87

Total

Cross Section -94.41 To 3514. %



37-Rb-87

Incident Energy (eV)

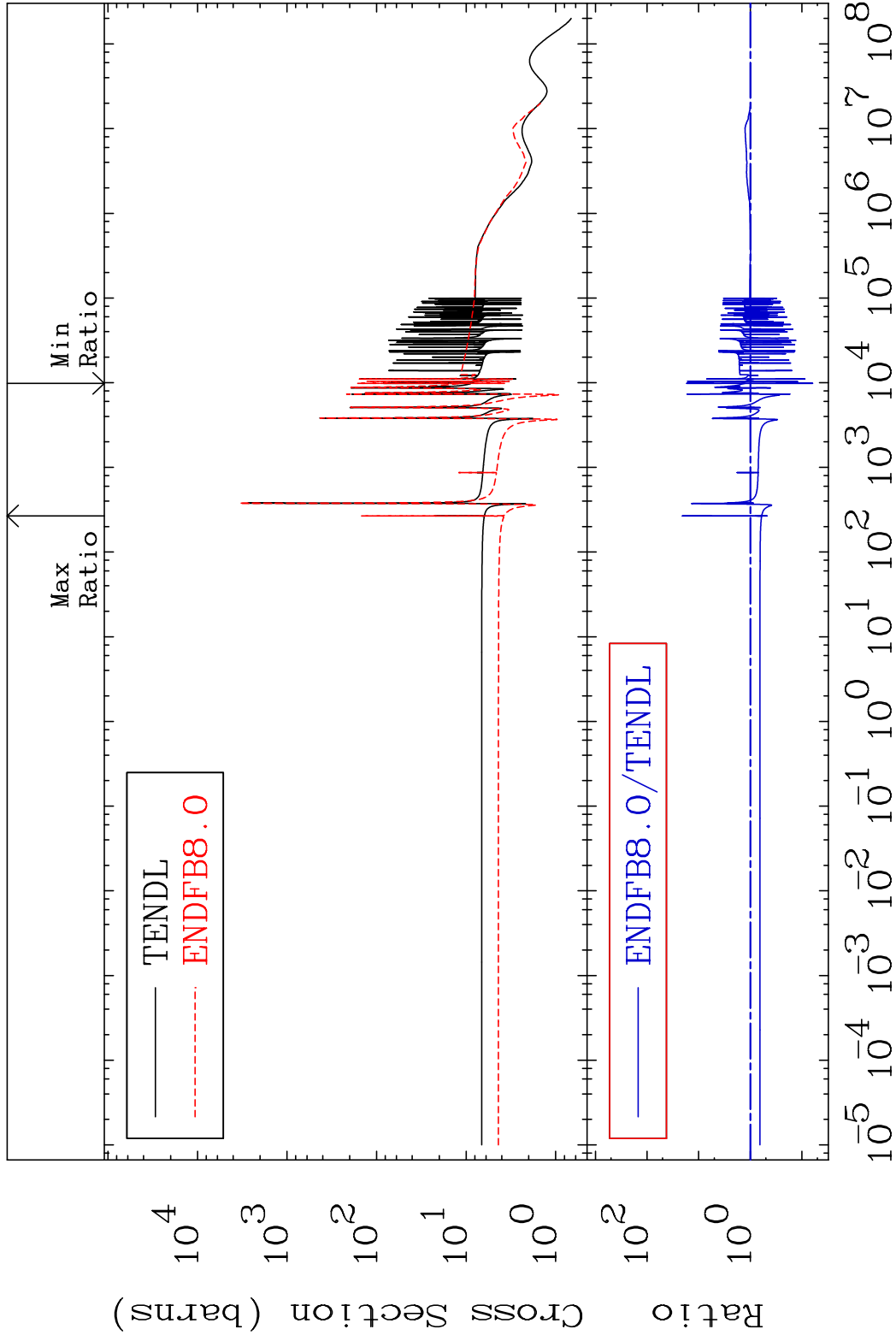
1

MAT 3731

Elastic

37-Rb-87

Cross Section -93.81 To 1974. %



2

Incident Energy (eV)

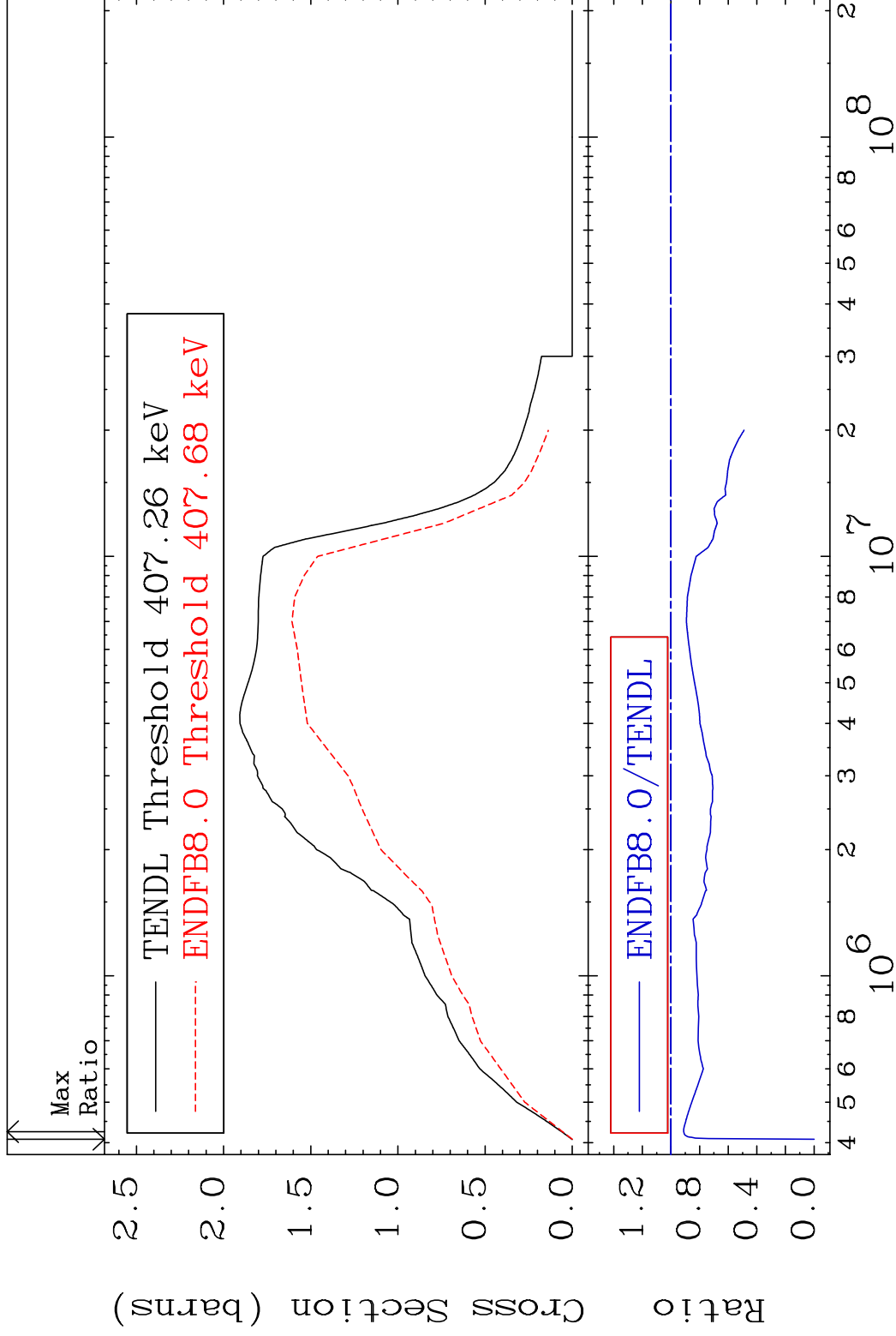
37-Rb-87

MAT 3731

Inelastic

37-Rb-87

Cross Section -100.0 To -8.859%



3

Incident Energy (eV)

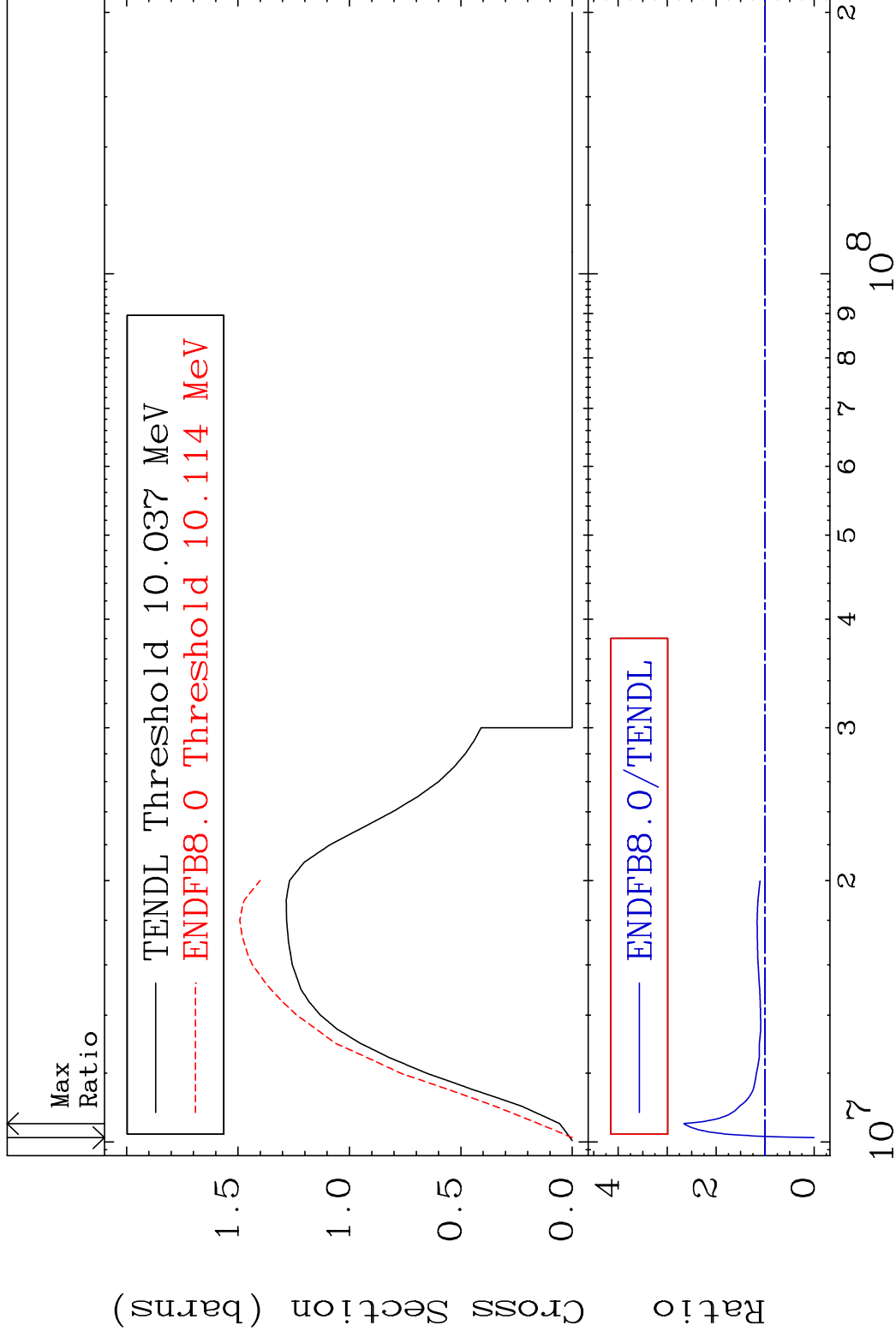
37-Rb-87

MAT 3731

(n,2n)

37-Rb-87

Cross Section -100.0 To 166.4 %



4

Incident Energy (eV)

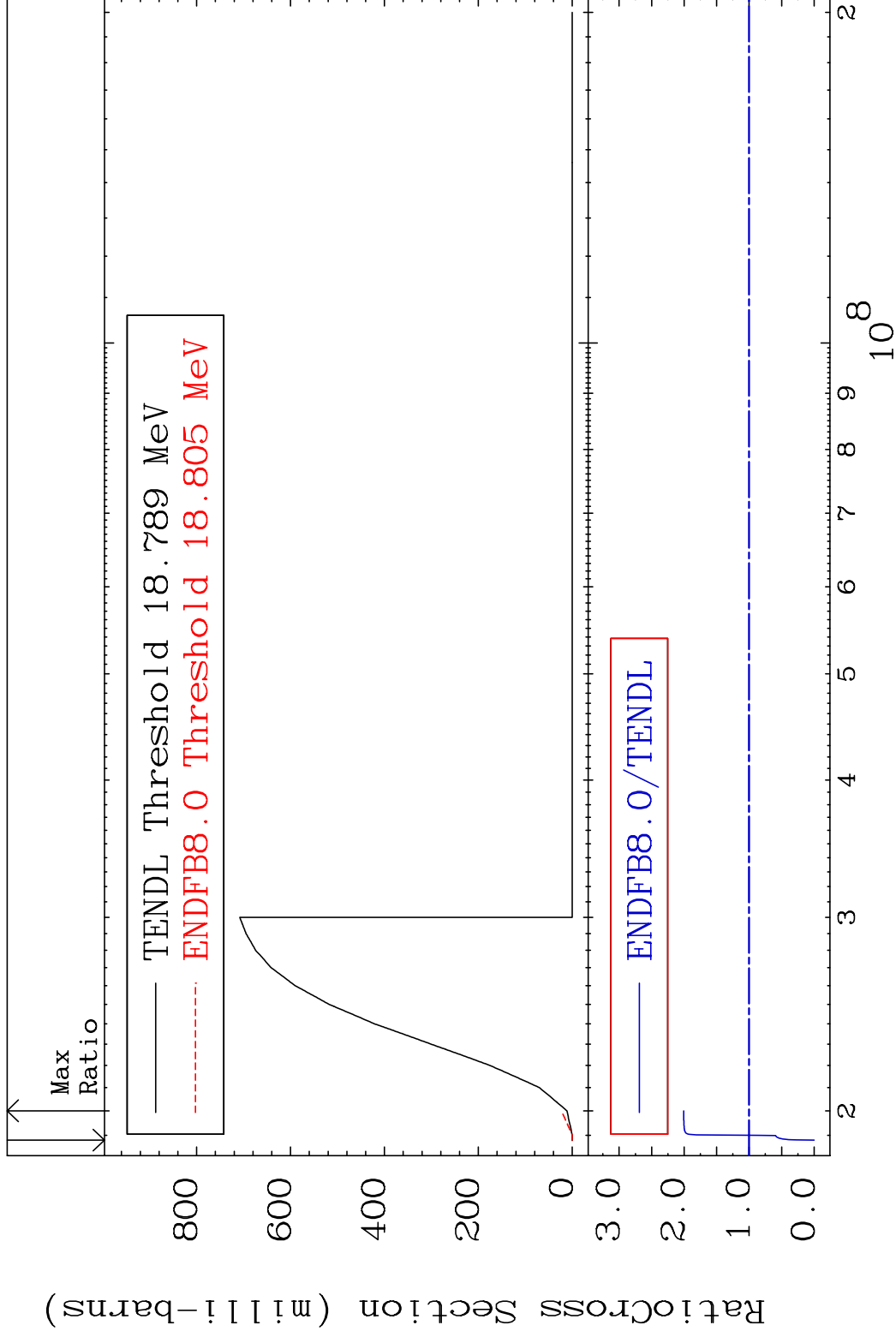
37-Rb-87

MAT 3731

(n,3n)

37-Rb-87

Cross Section -100.0 To 100.7 %



5

Incident Energy (eV)

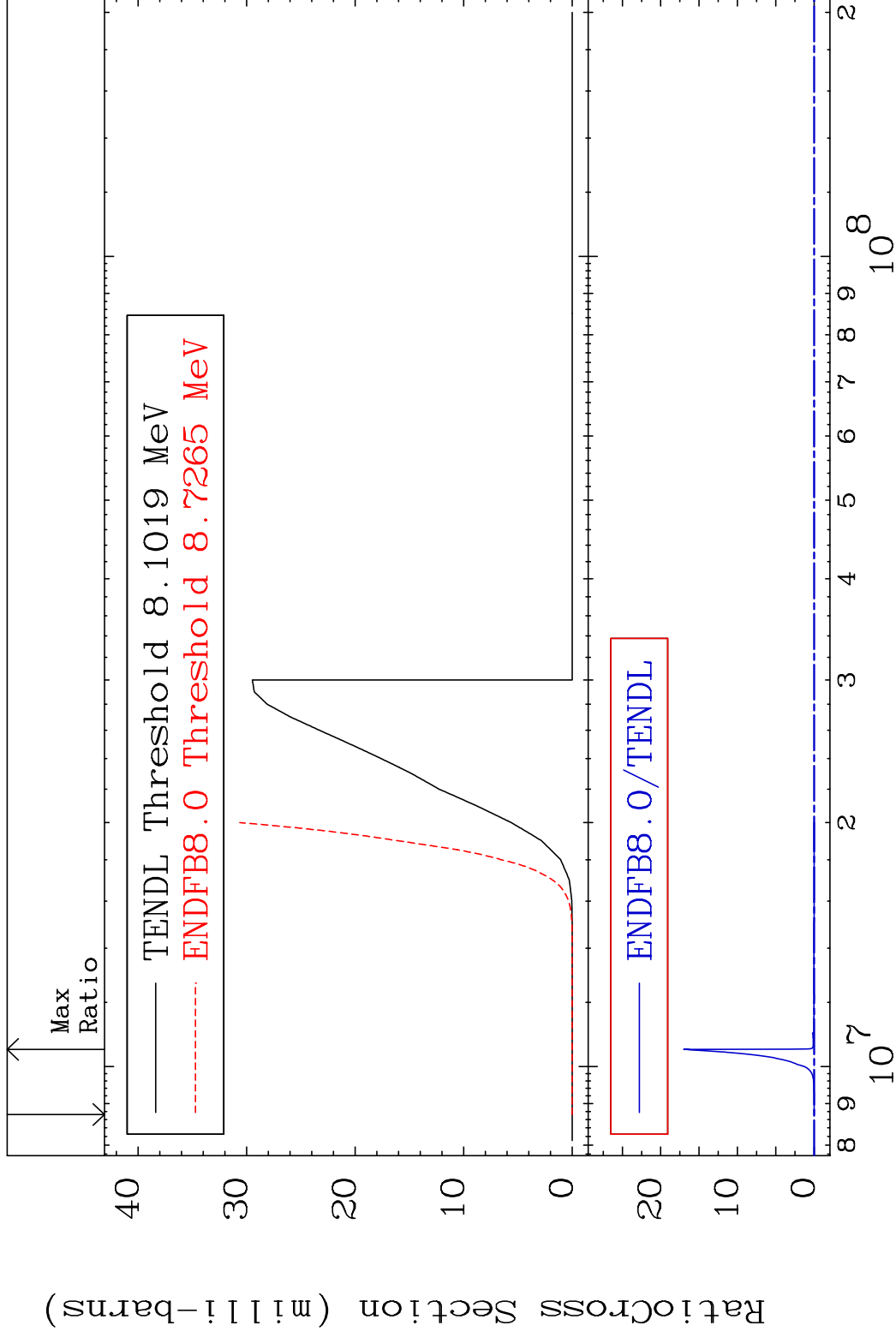
37-Rb-87

MAT 3731

(n, n') α

37-Rb-87

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

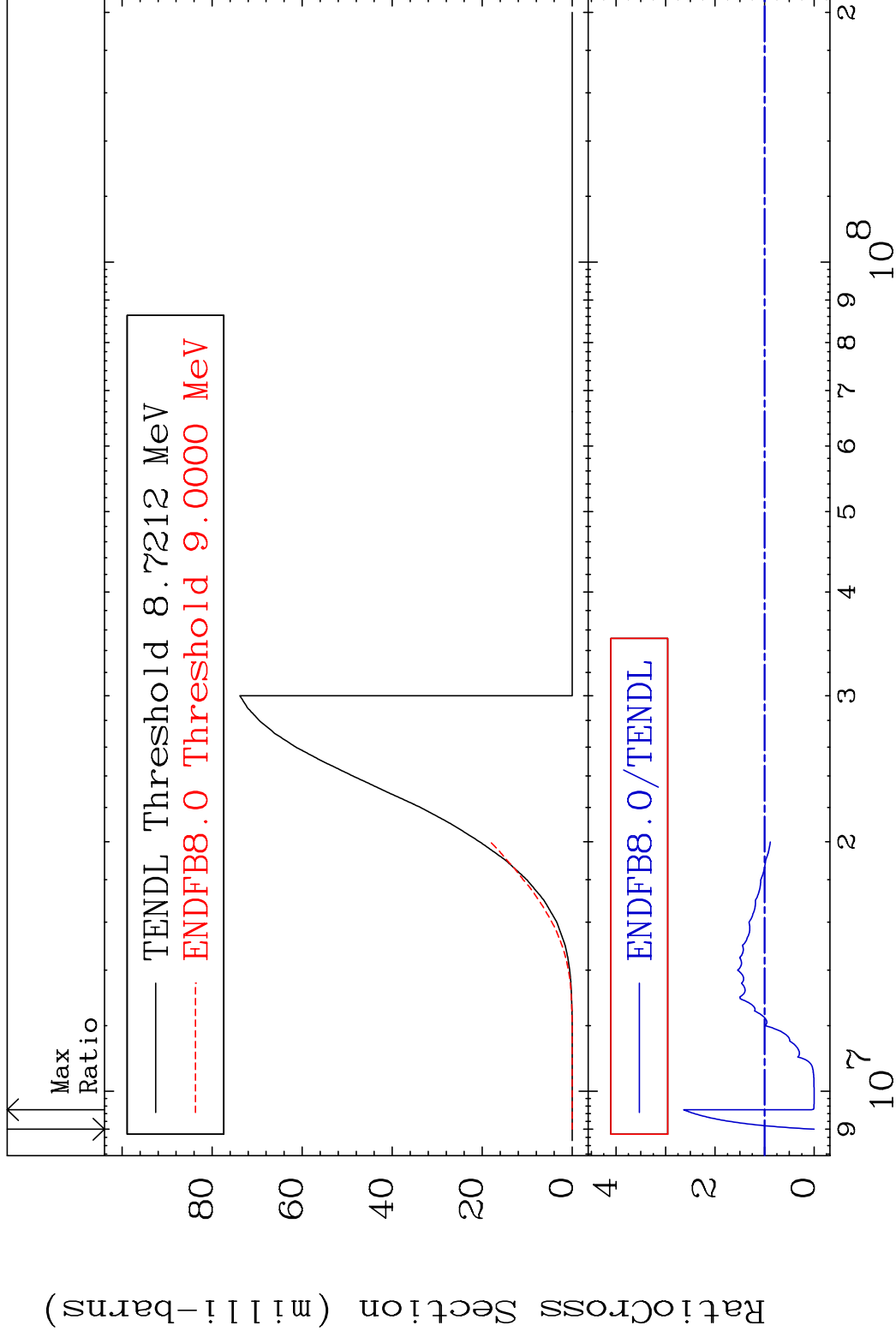
37-Rb-87

MAT 3731

(n, n') p

37-Rb-87

Cross Section -100.0 To 163.5 %



7

Incident Energy (eV)

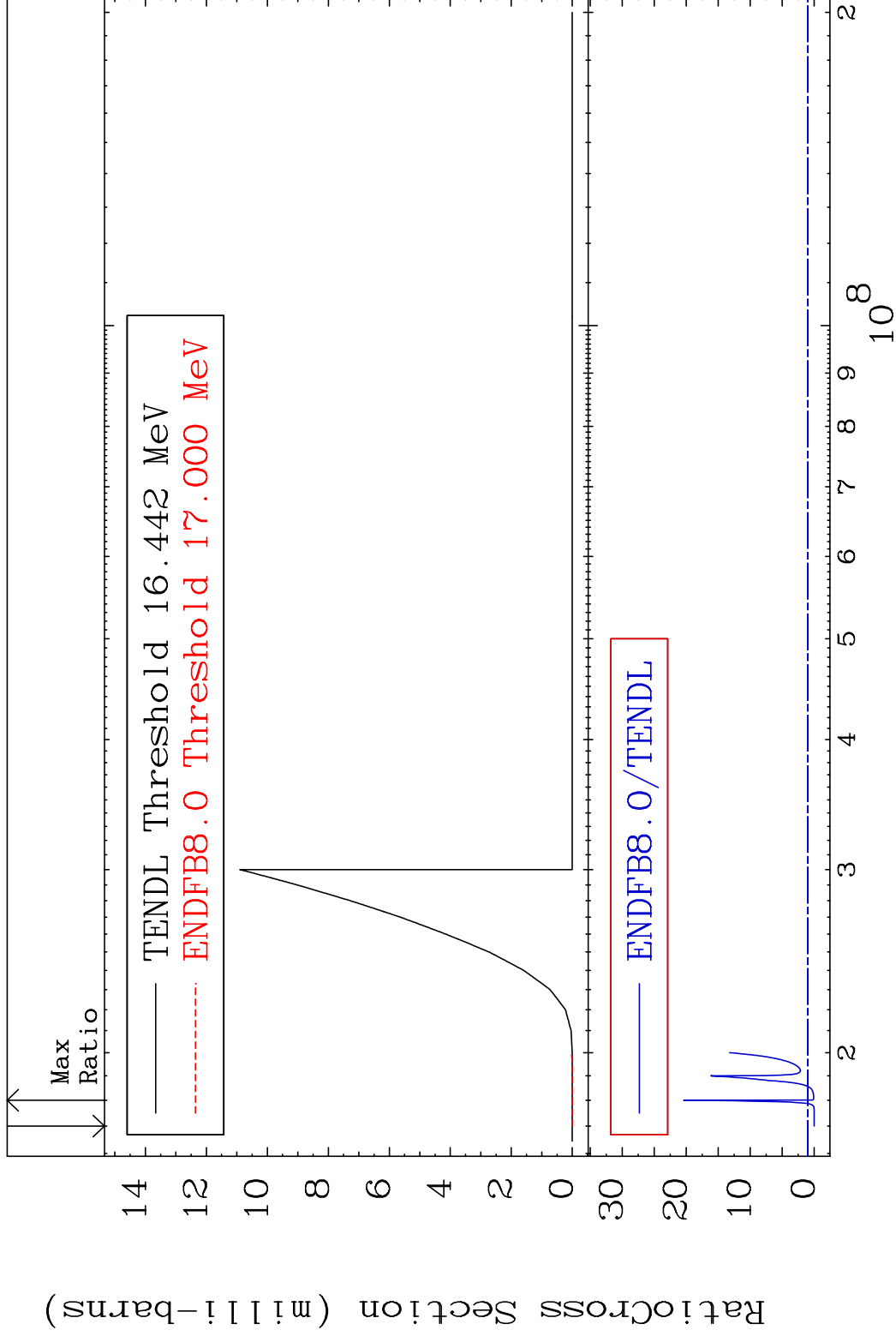
37-Rb-87

MAT 3731

(n, n') d

37-Rb-87

Cross Section -100.0 To 1939. %

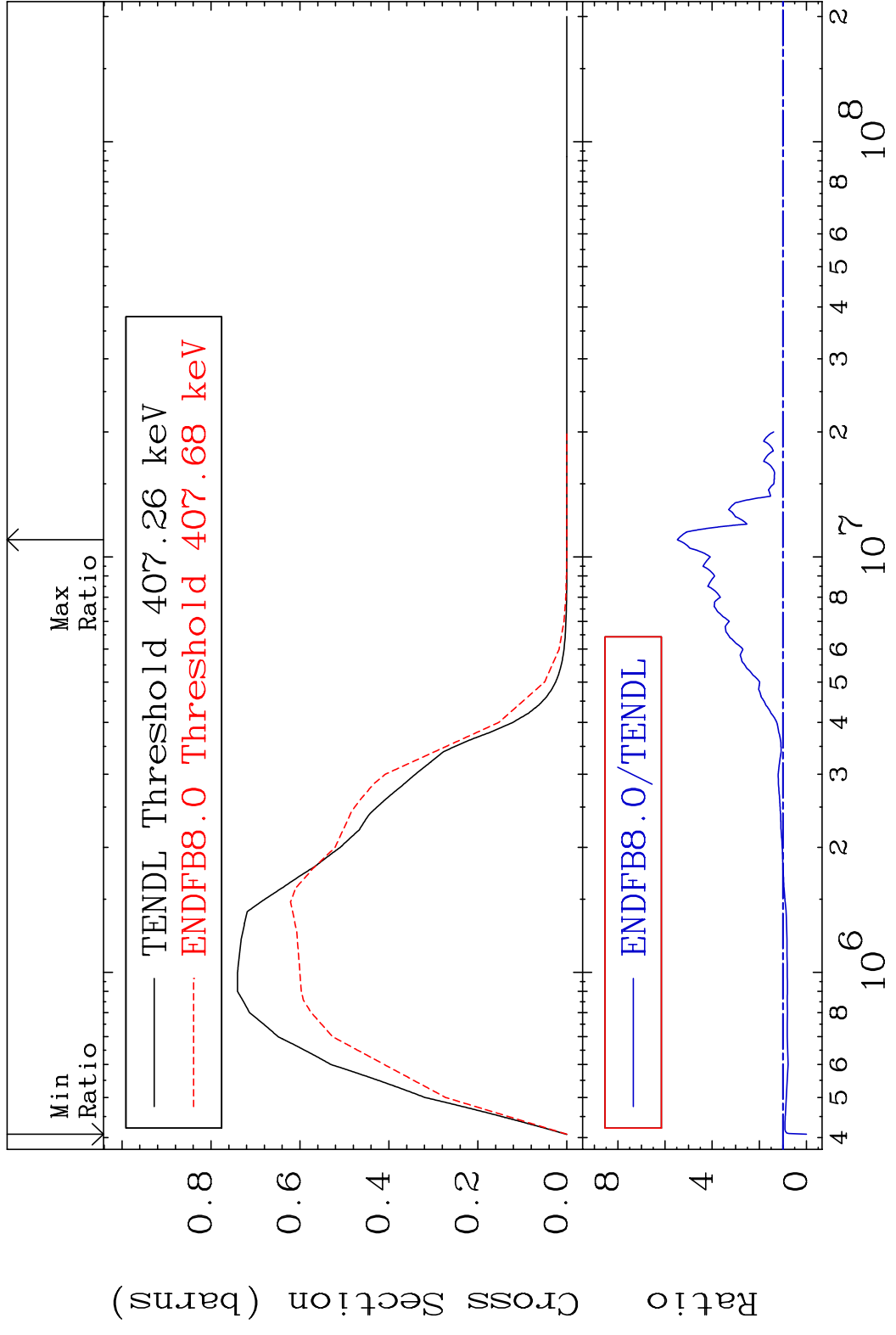


8

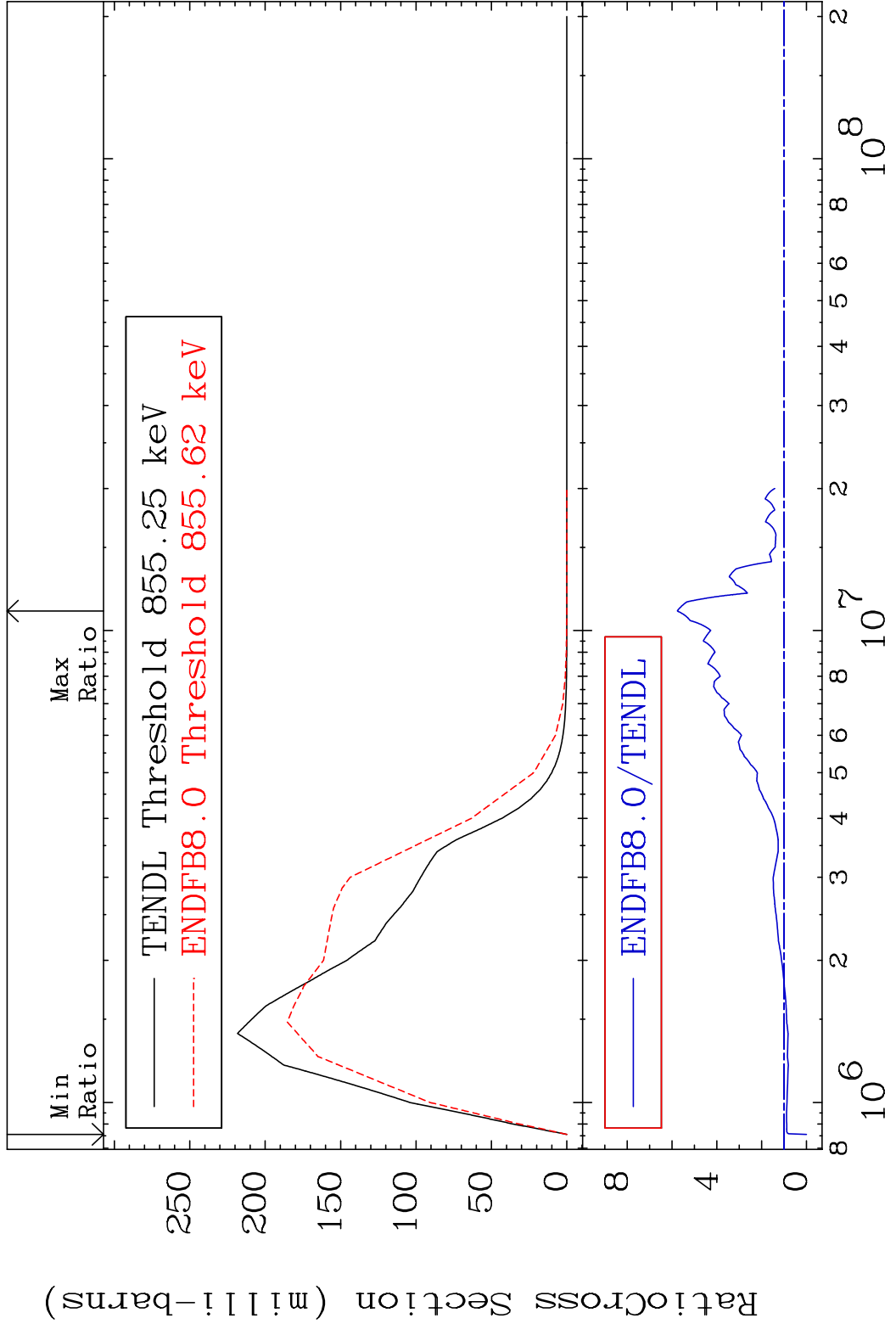
Incident Energy (eV)

37-Rb-87

MAT 3731 MT= 51 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 448.3 %

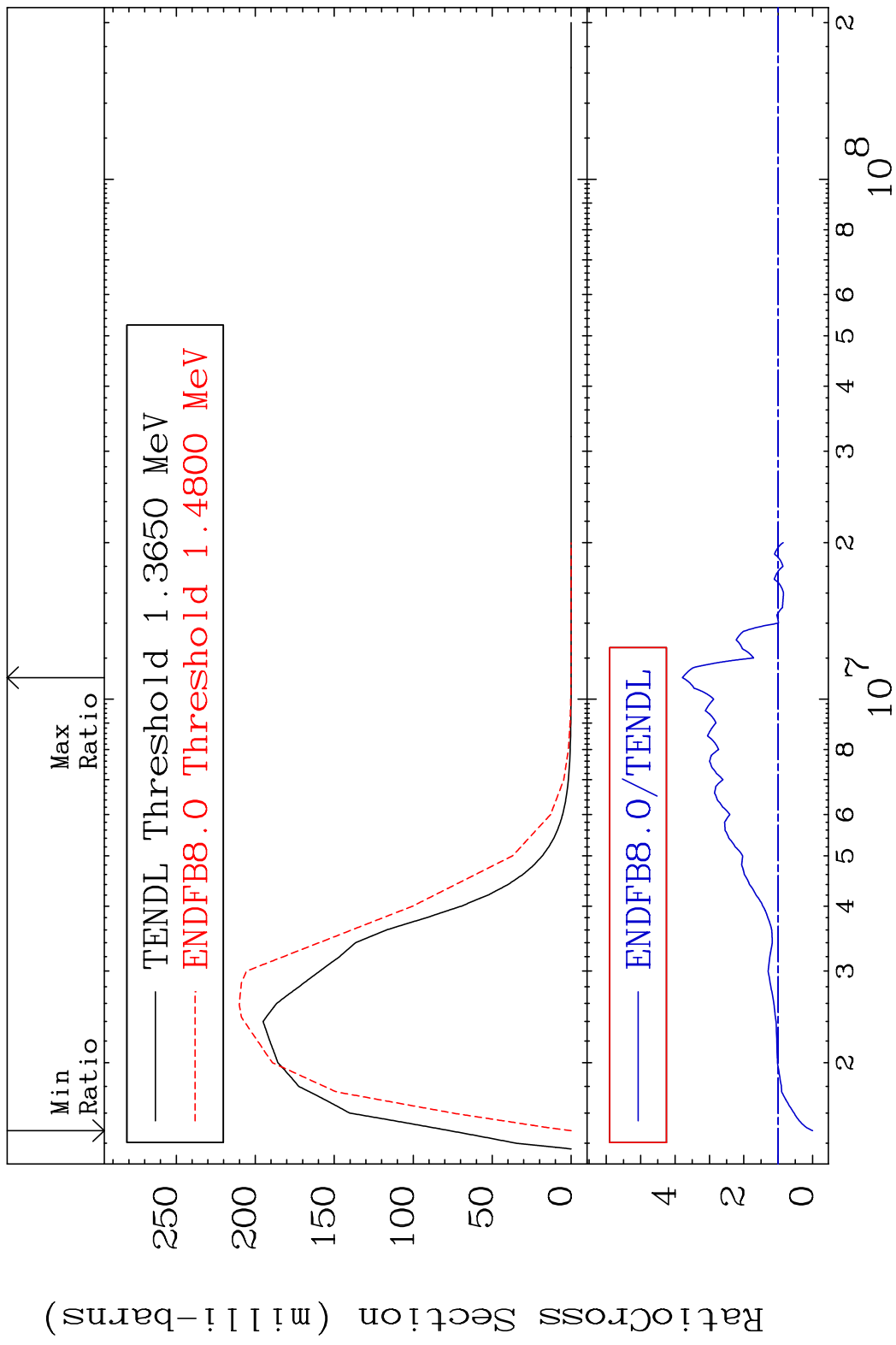


MAT 3731 MT= 52 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 477.2 %

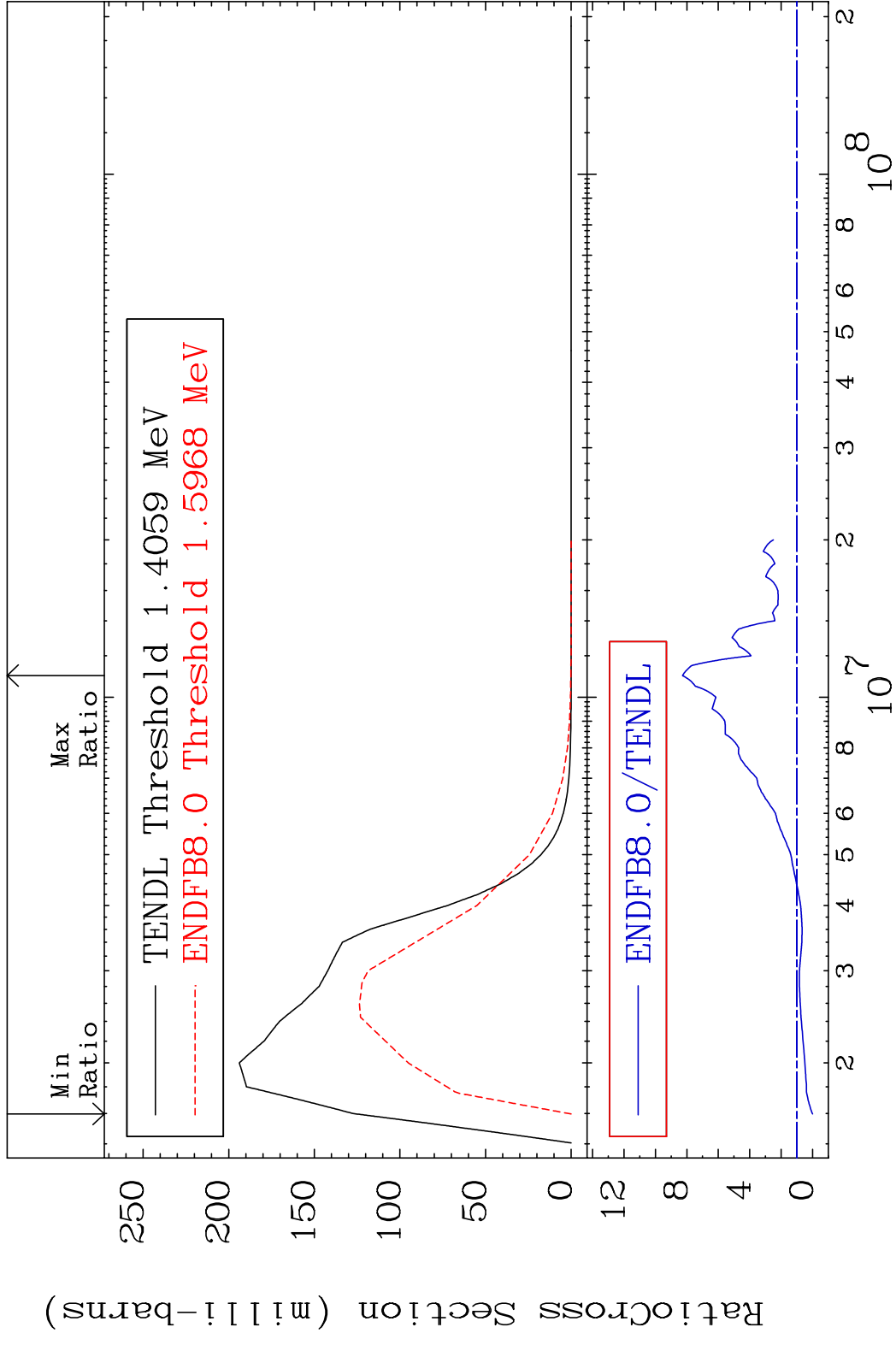


10 8 6 8 7 8 10 8 2 37-Rb-87

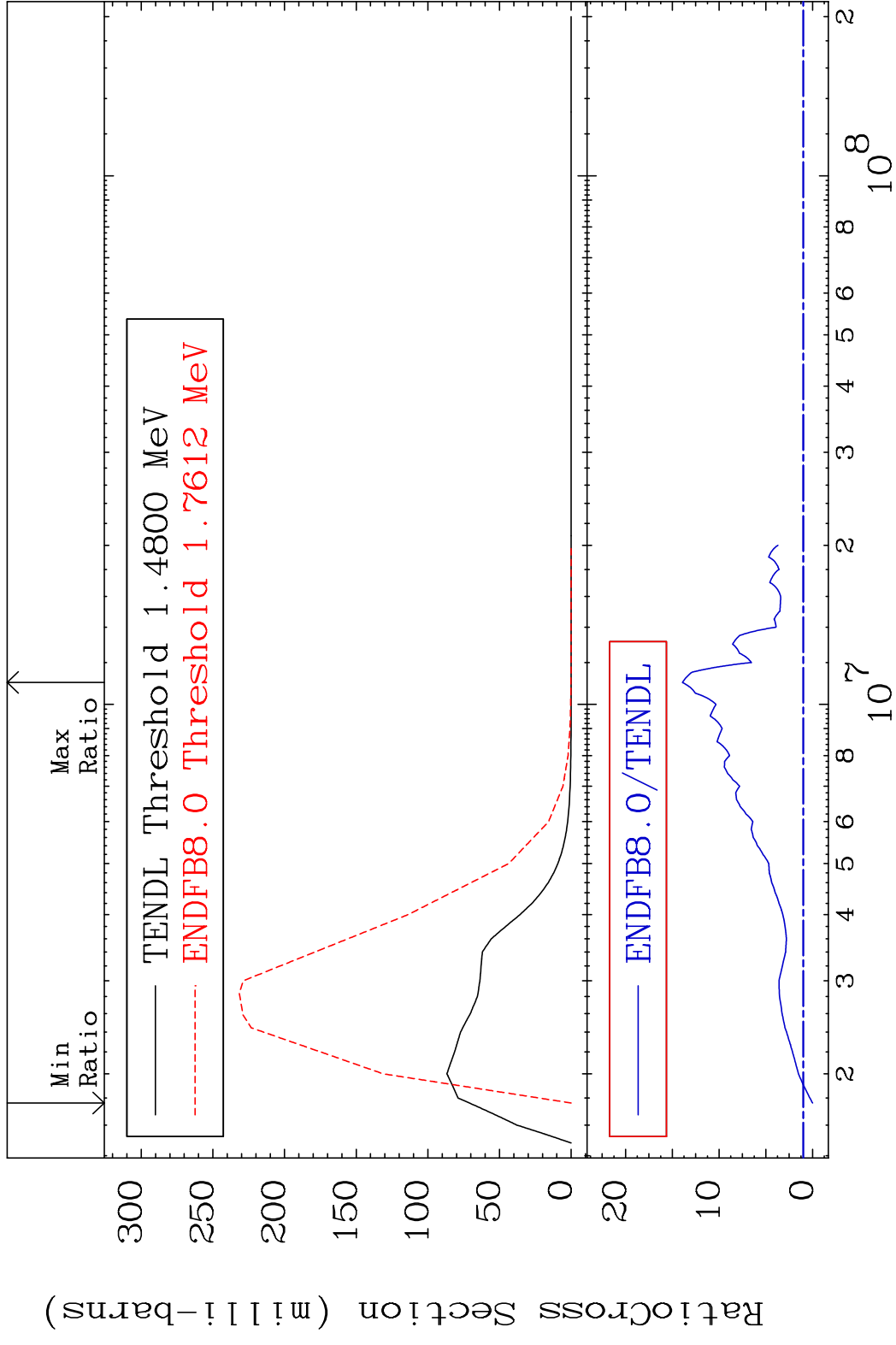
MAT 3731 MT= 53 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 278.8 %



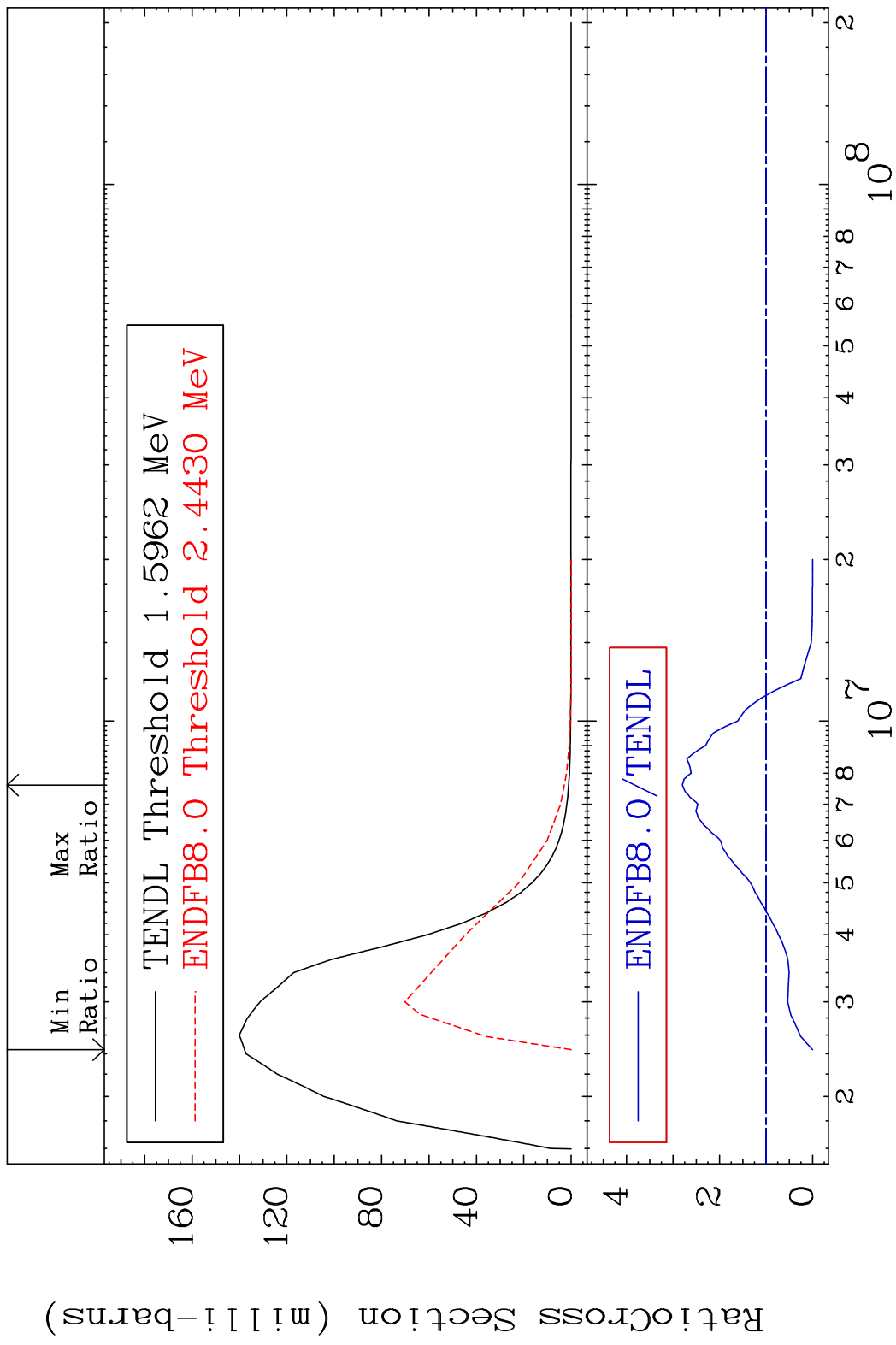
MAT 3731 MT= 54 (n, n') Level 37-Rb-87
 Cross Section -100.0 To 728.6 %



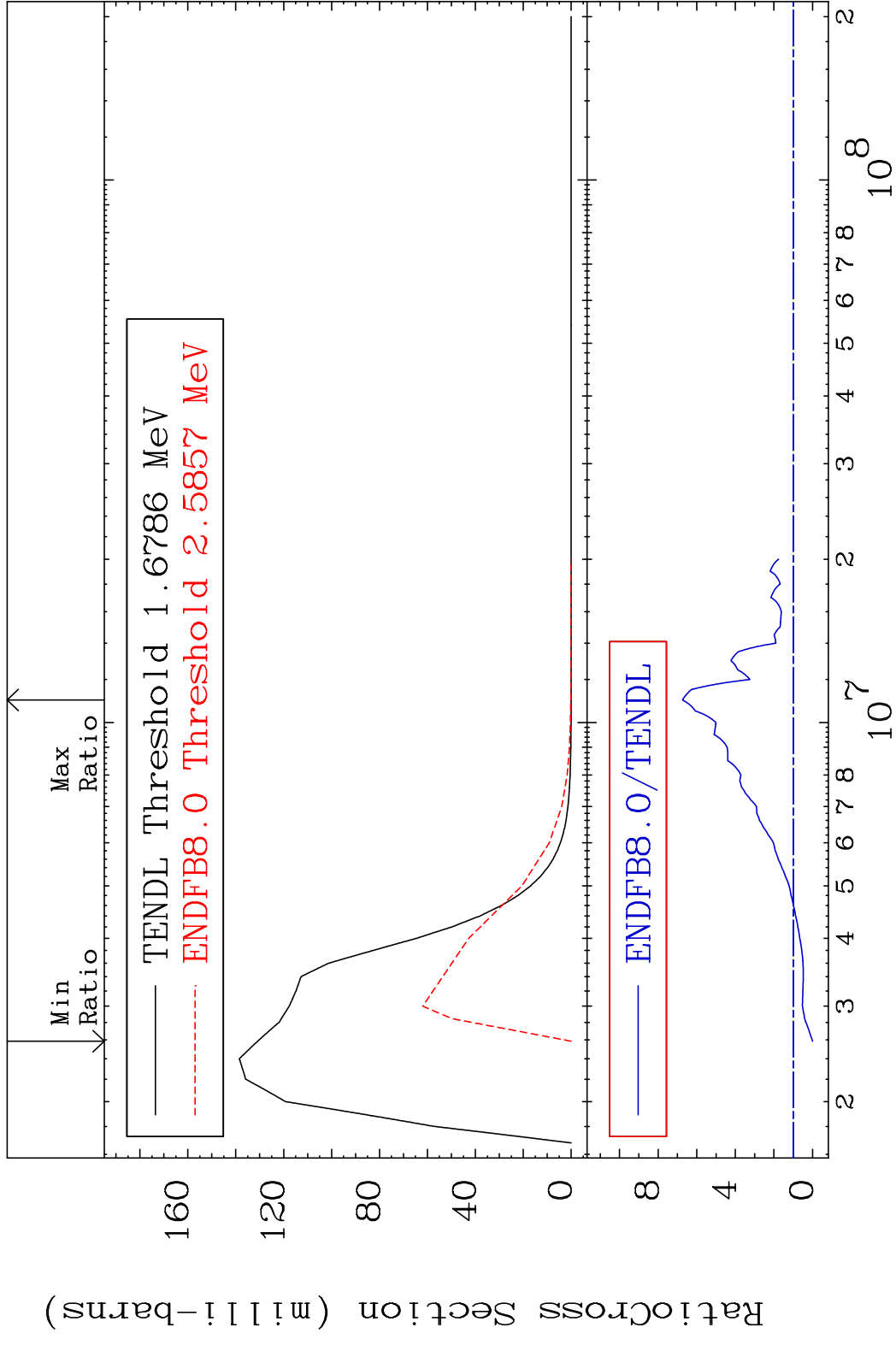
MAT 3731 MT= 55 (n,n') Level 37-Rb-87
 Cross Section -100.0 To 1293. %



MAT 3731 MT= 56 (n,n') Level 37-Rb-87
 Cross Section -100.0 To 179.8 %



MAT 3731 MT= 57 (n,n') Level 37-Rb-87
 Cross Section -100.0 To 574.5 %

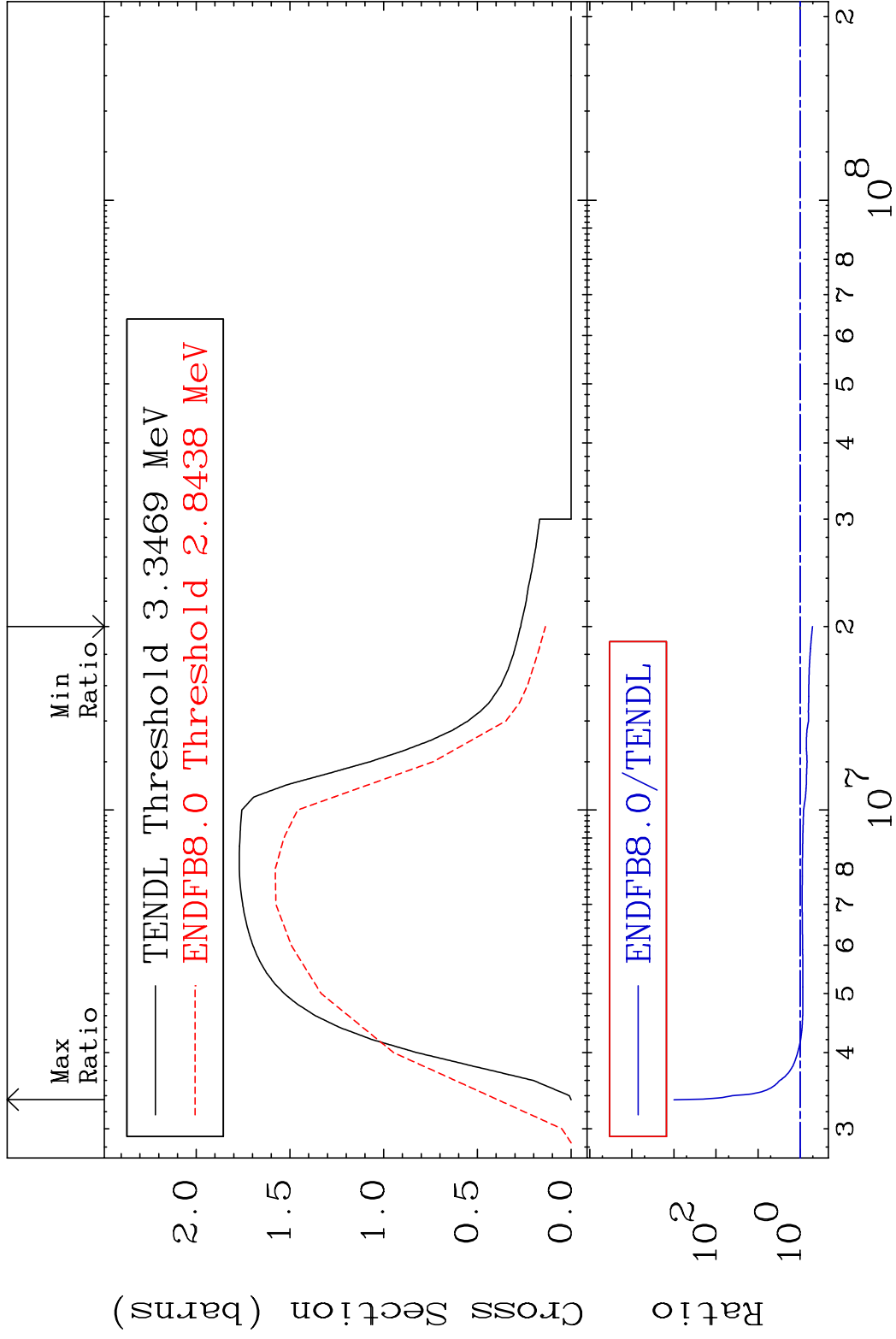


MAT 3731

(n, n') Continuum

37-Rb-87

Cross Section -49.21 To 9999. %



16

Incident Energy (eV)

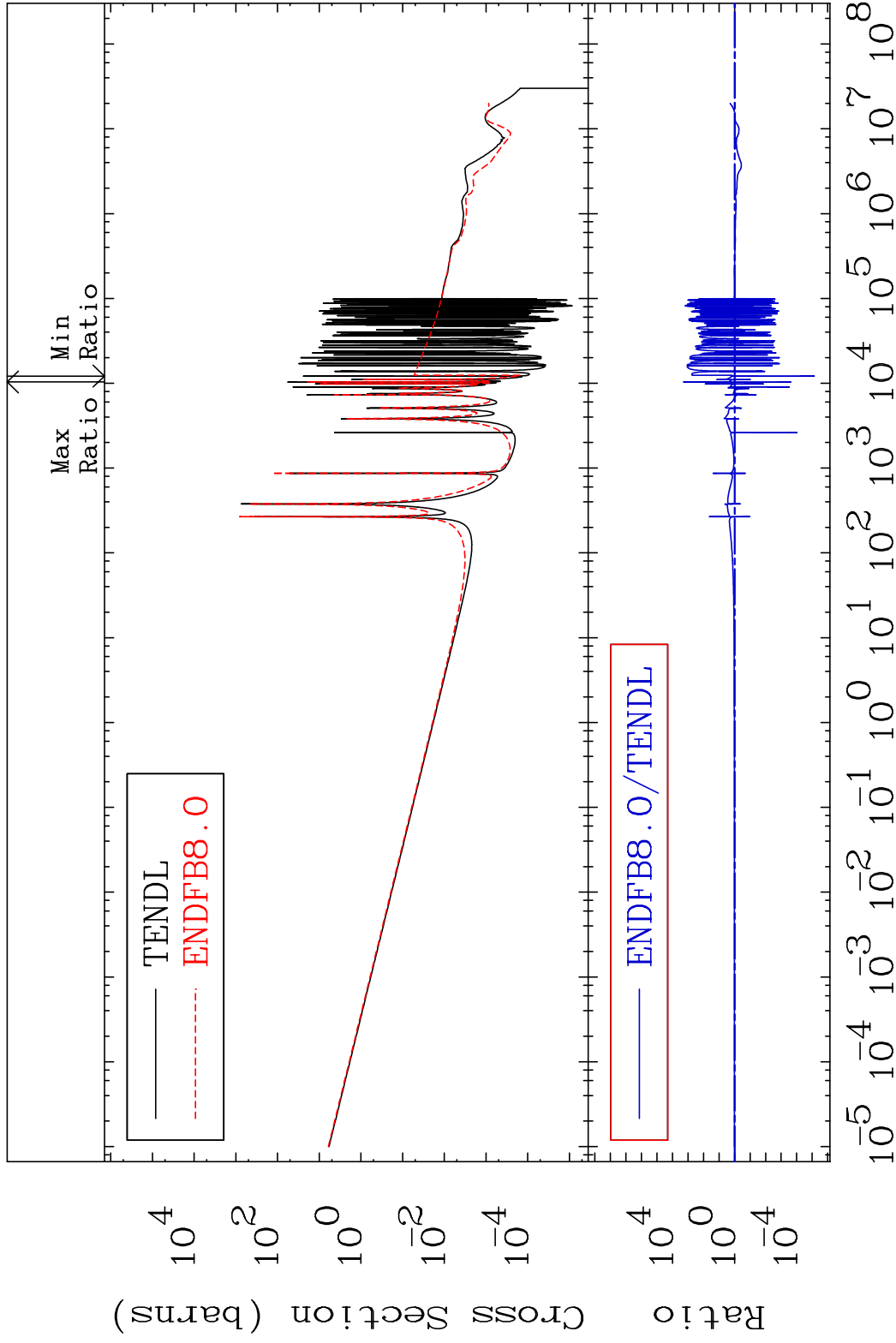
37-Rb-87

MAT 3731

(n, γ)

37-Rb-87

Cross Section -100.0 To 9999. %



17

Incident Energy (eV)

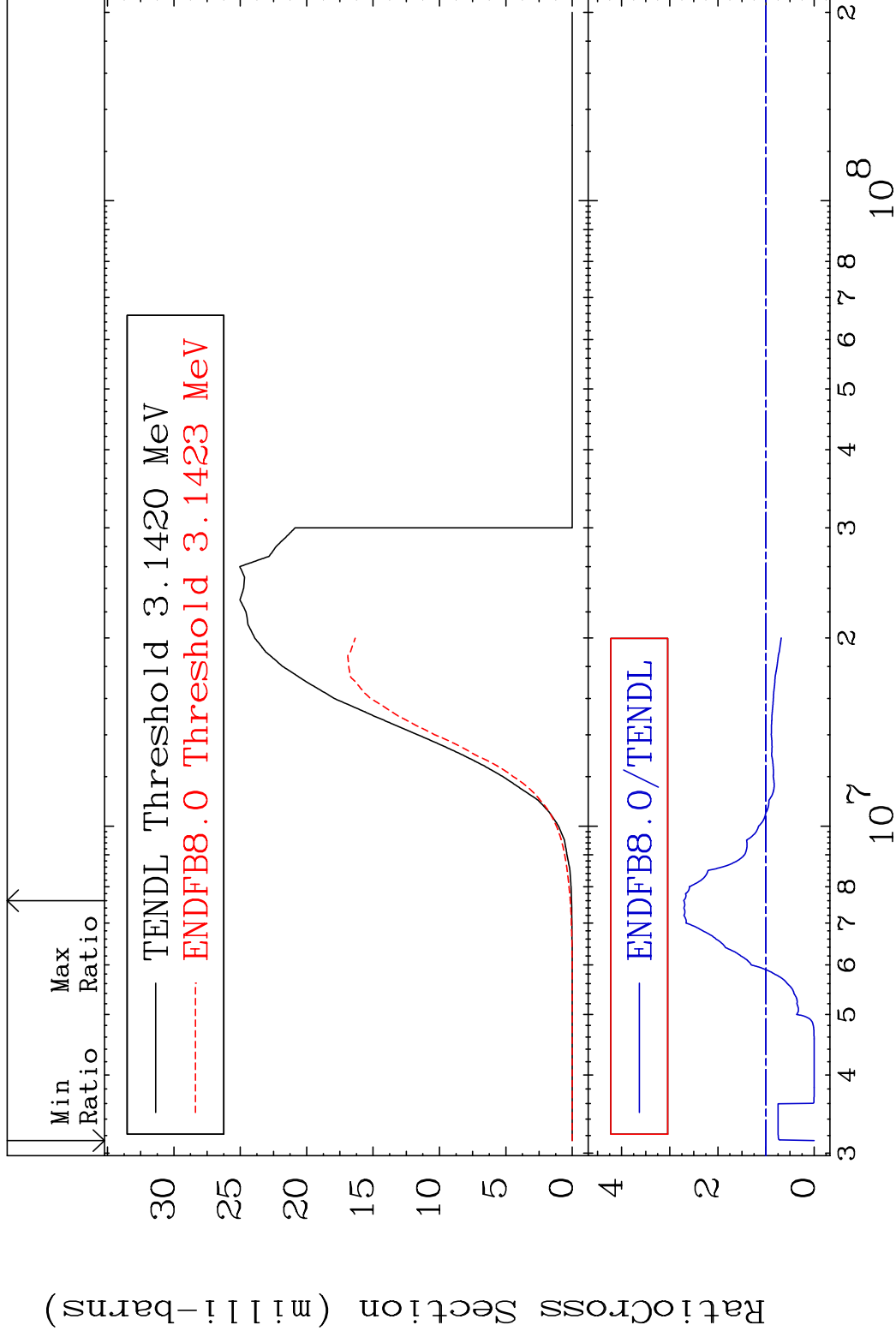
37-Rb-87

MAT 3731

(n,p)

37-Rb-87

Cross Section -100.0 To 171.1 %



18

Incident Energy (eV)

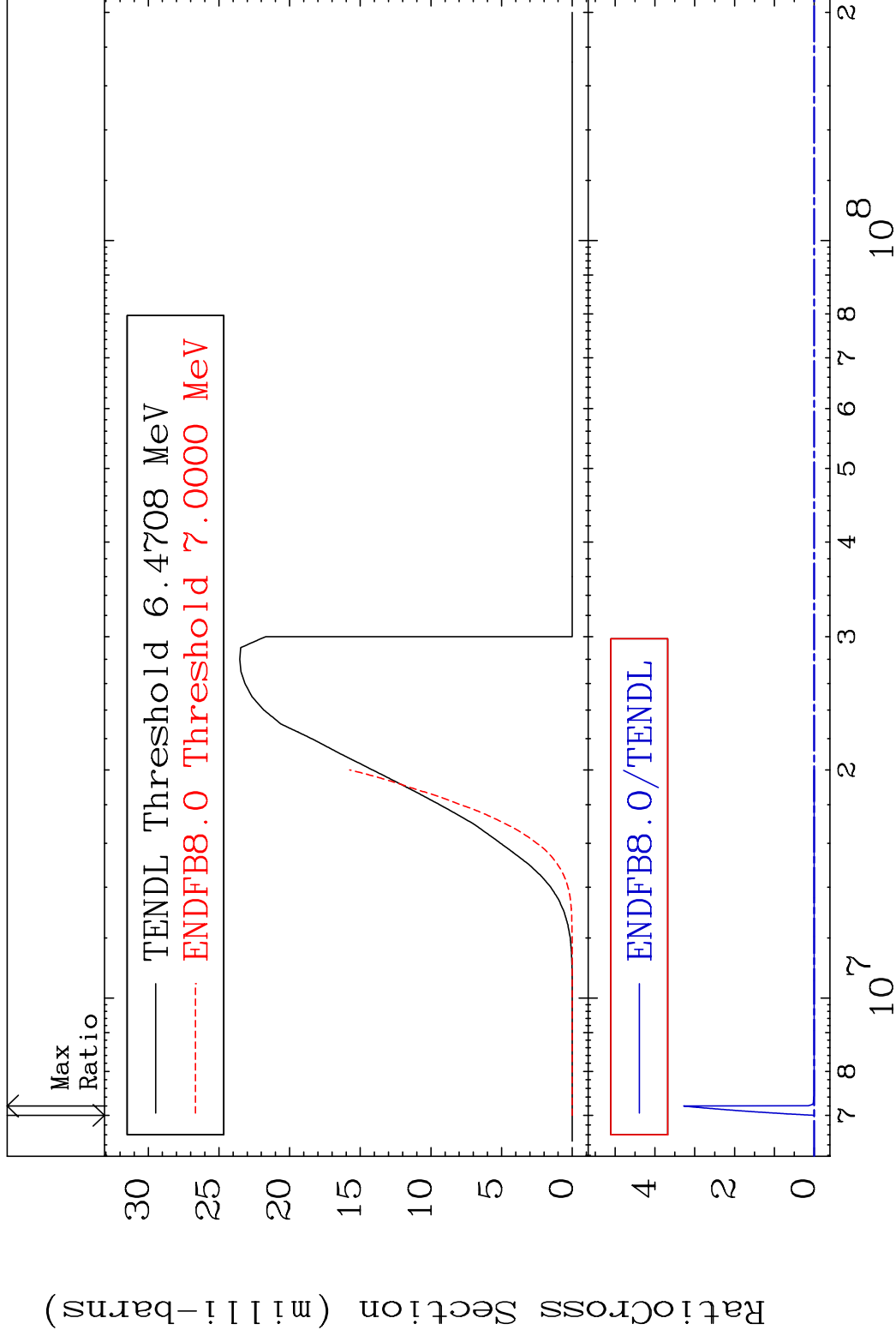
37-Rb-87

MAT 3731

(n,d)

37-Rb-87

Cross Section -100.0 To 9999. %



19

Incident Energy (eV)

37-Rb-87

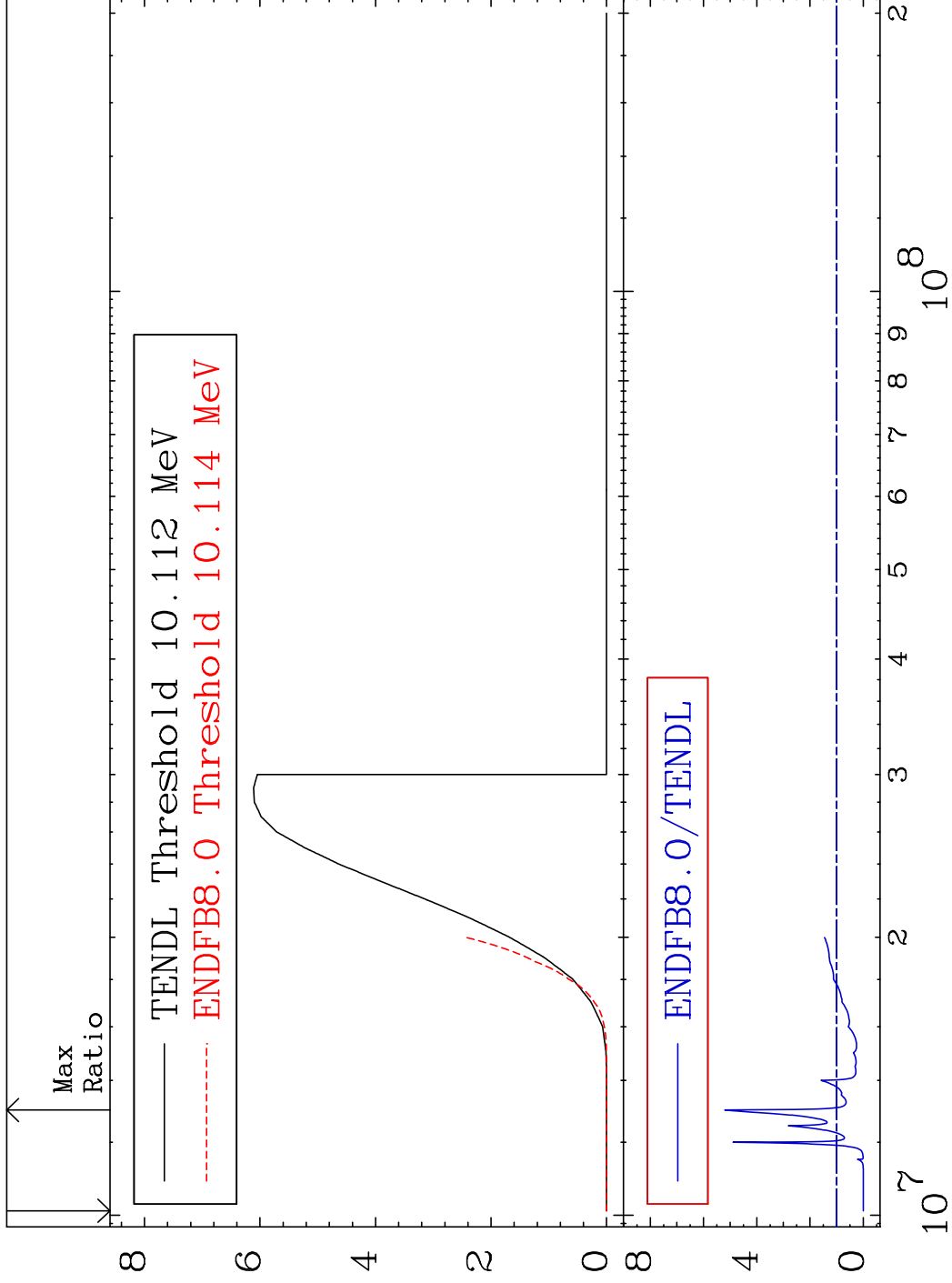
MAT 3731

(n, t)

37-Rb-87

Cross Section -100.0 To 420.1 %

RatioCross Section (milli-barns)



20

Incident Energy (eV)

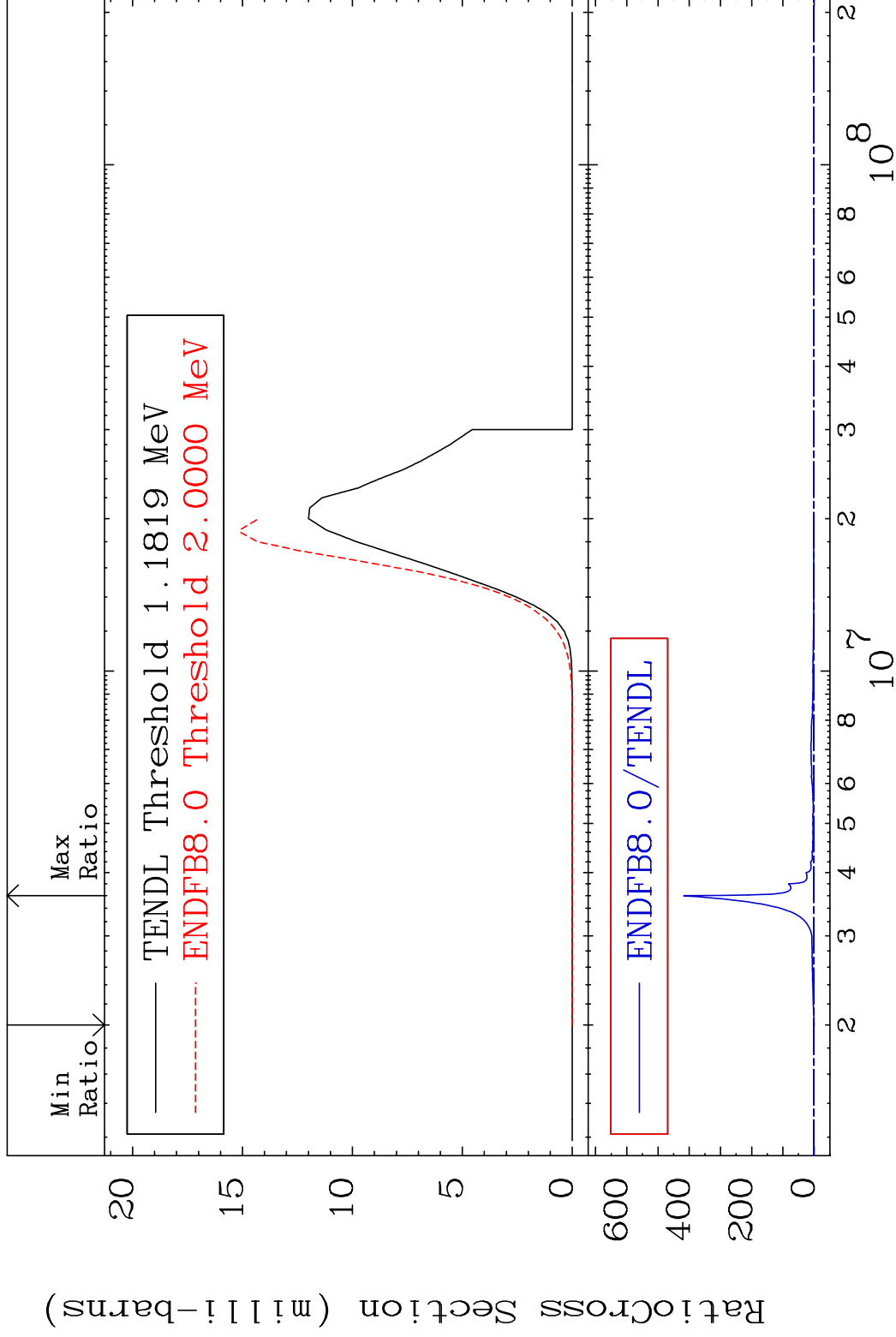
37-Rb-87

MAT 3731

(n, α)

37-Rb-87

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

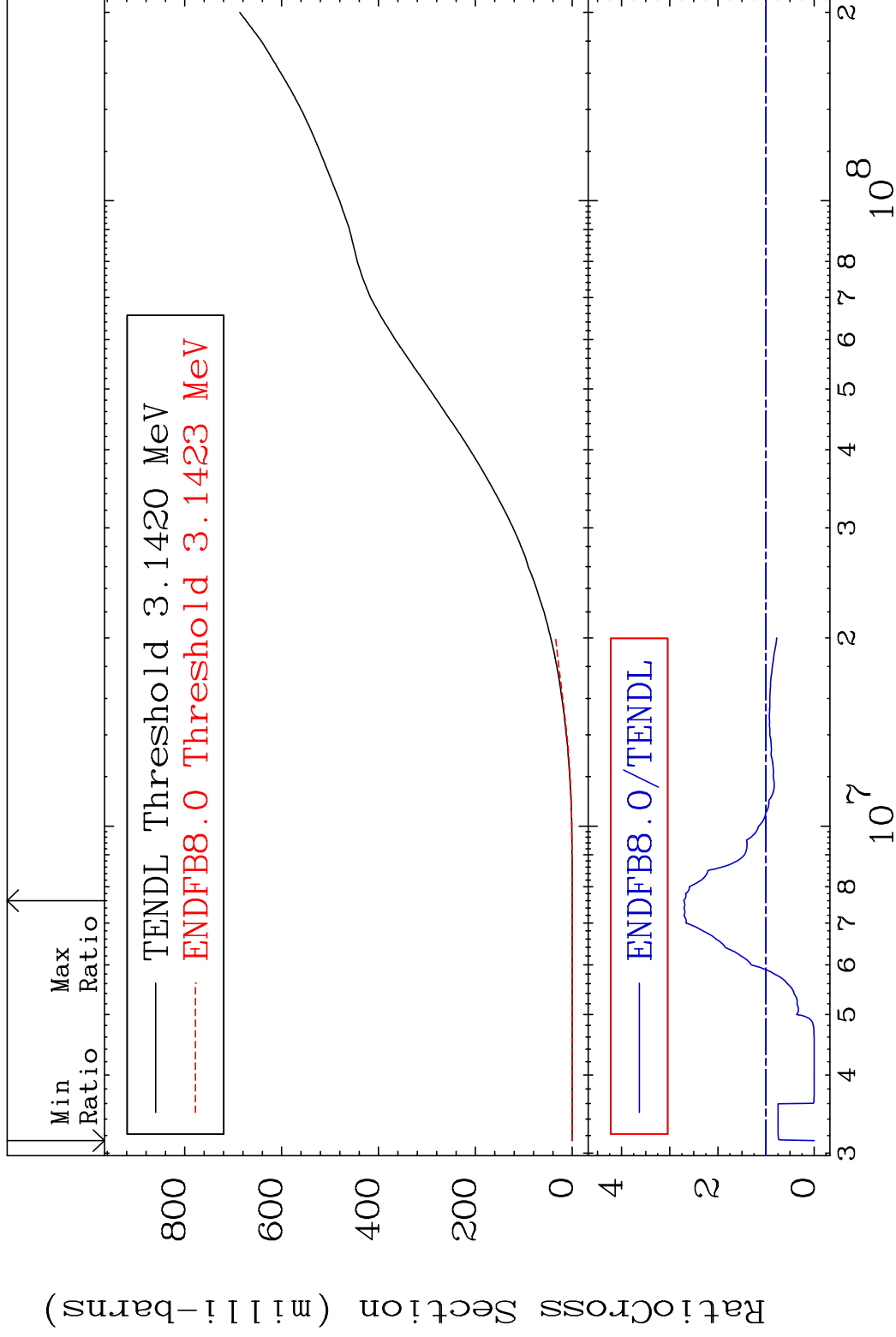
37-Rb-87

MAT 3731

Hydrogen Production

37-Rb-87

Cross Section -100.0 To 171.1 %

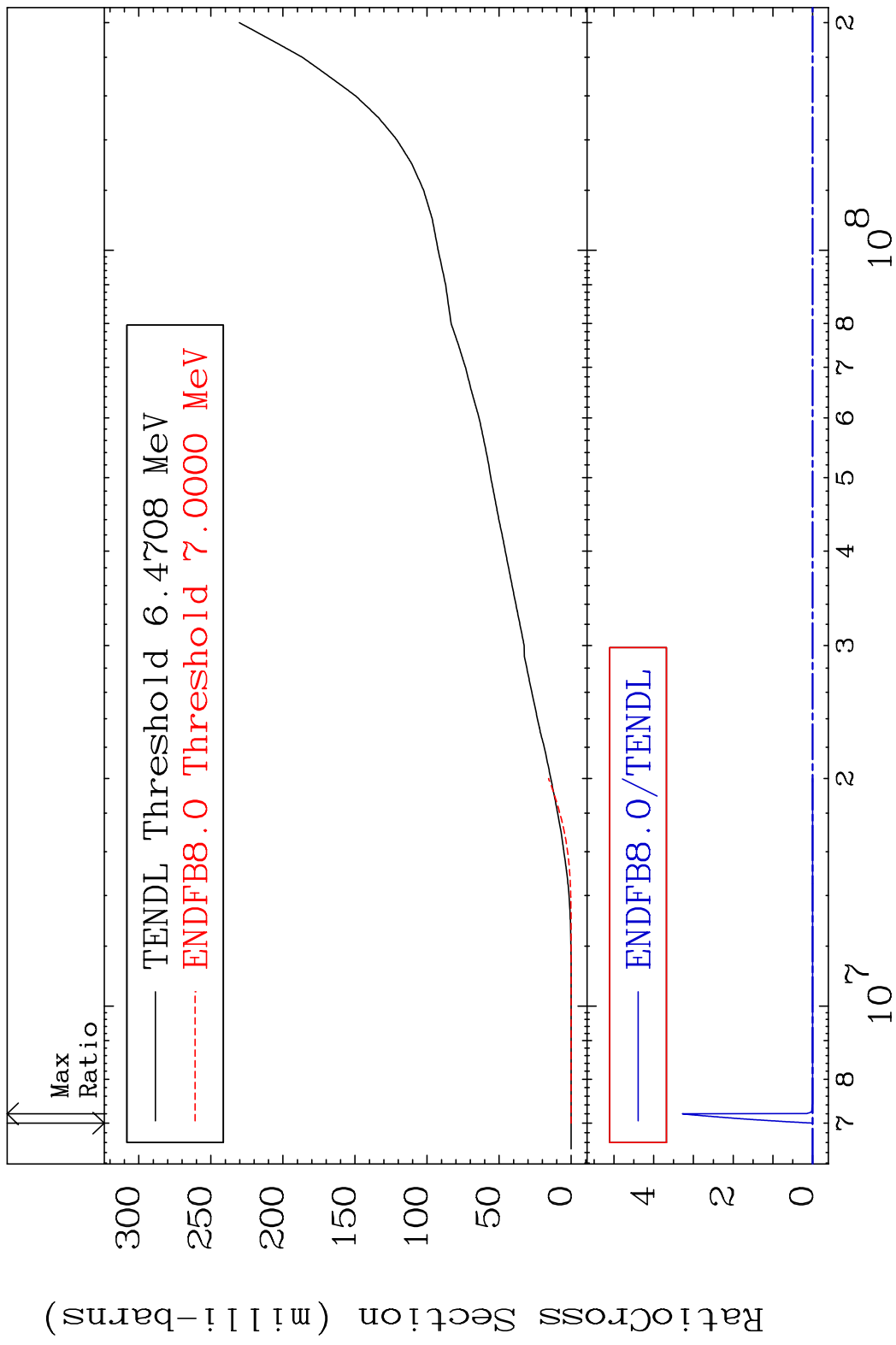


22

Incident Energy (eV)

37-Rb-87

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

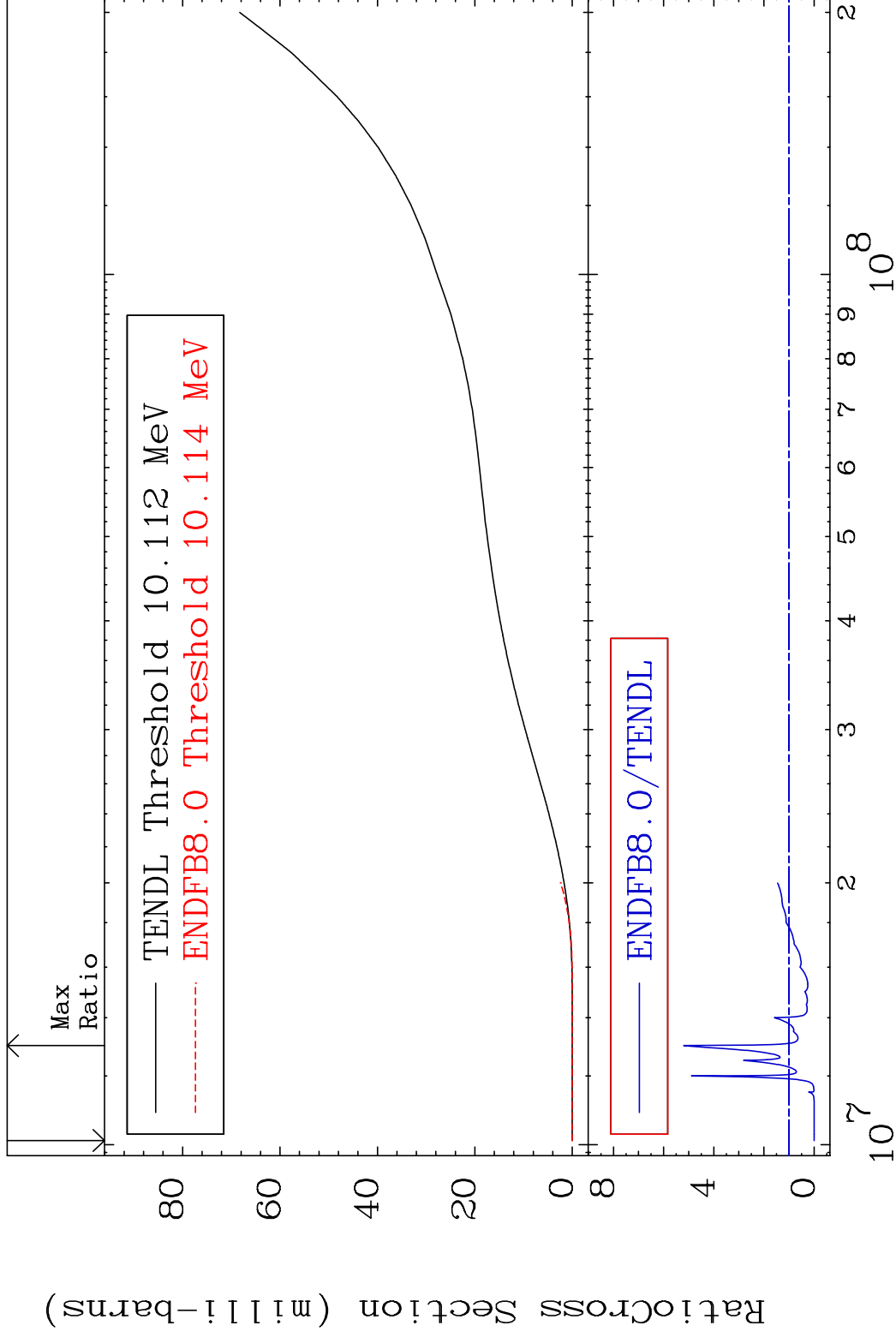


23 Incident Energy (eV) 37-Rb-87

MAT 3731

Tritium Production 37-Rb-87

Cross Section -100.0 To 420.1 %



24

Incident Energy (eV)

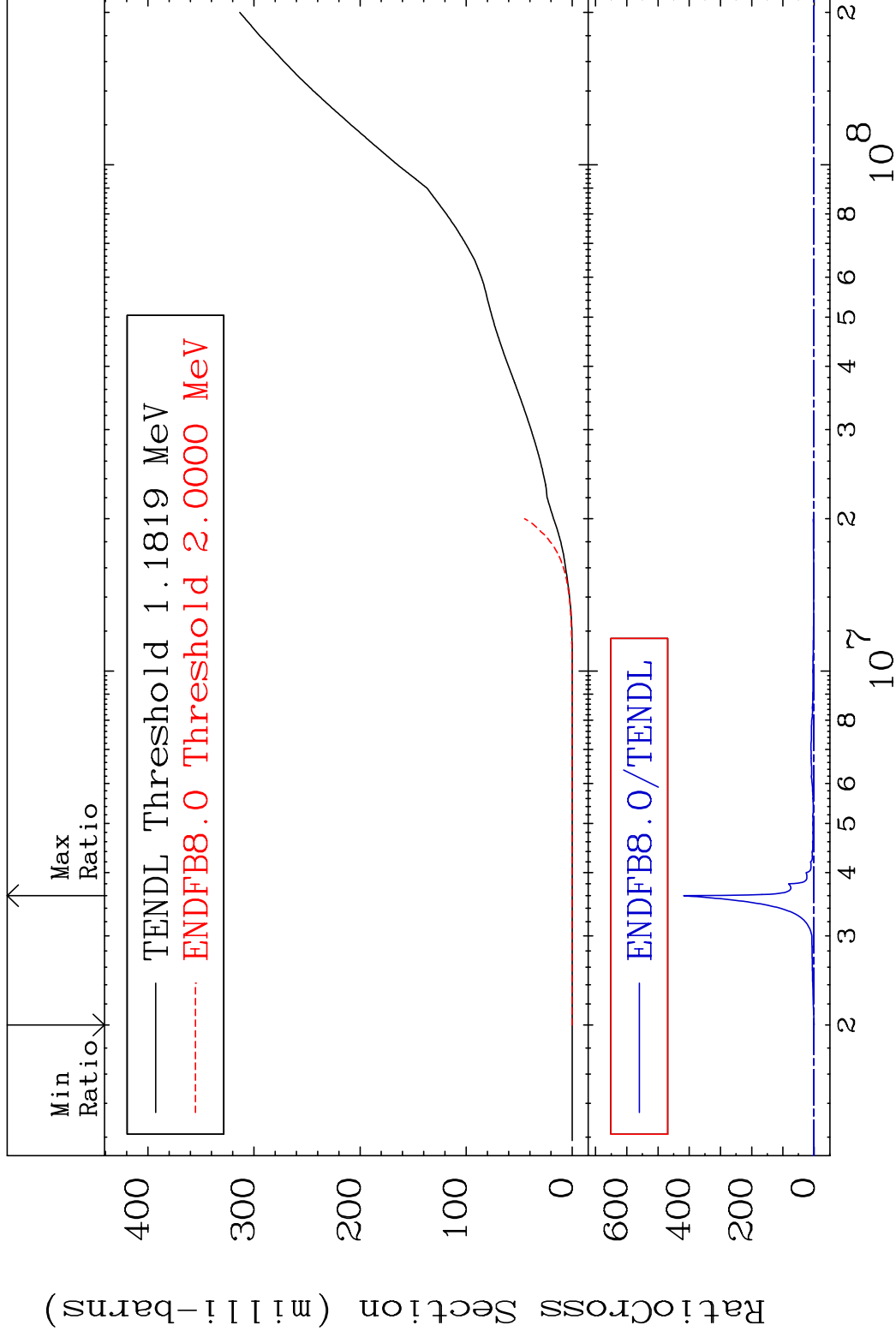
37-Rb-87

MAT 3731

He-4 Production

37-Rb-87

Cross Section -100.0 To 9999. %

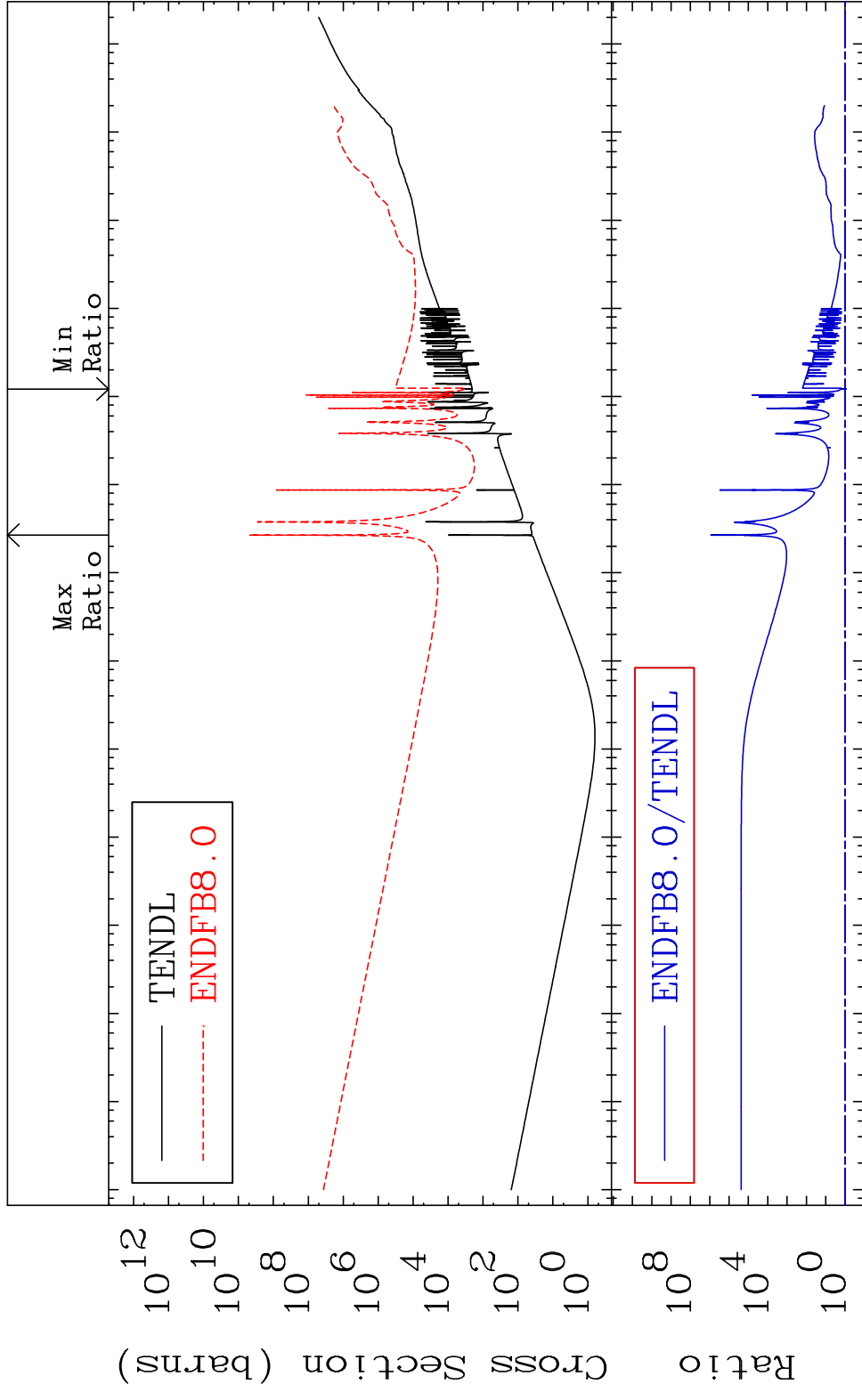


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Incident Energy (eV)

37-Rb-87

MAT 3731 Kerma total (eV-barns) 37-Rb-87
 Cross Section -14.54 To 9999. %

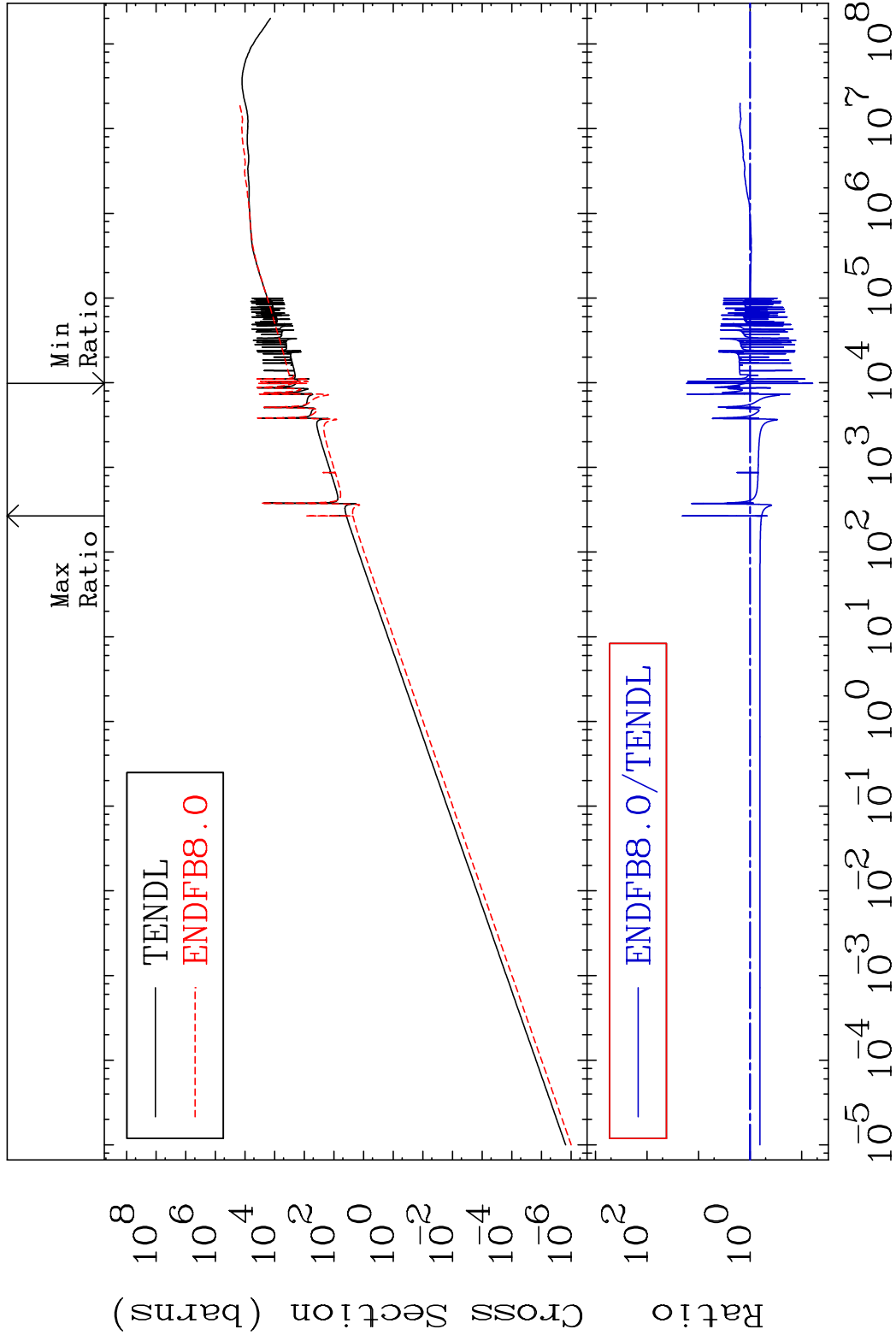


Ratio
 Cross Section (barns)
 Incident Energy (eV)

MAT 3731

Kerma elastic
Cross Section

37-Rb-87
-93.83 To 1974. %

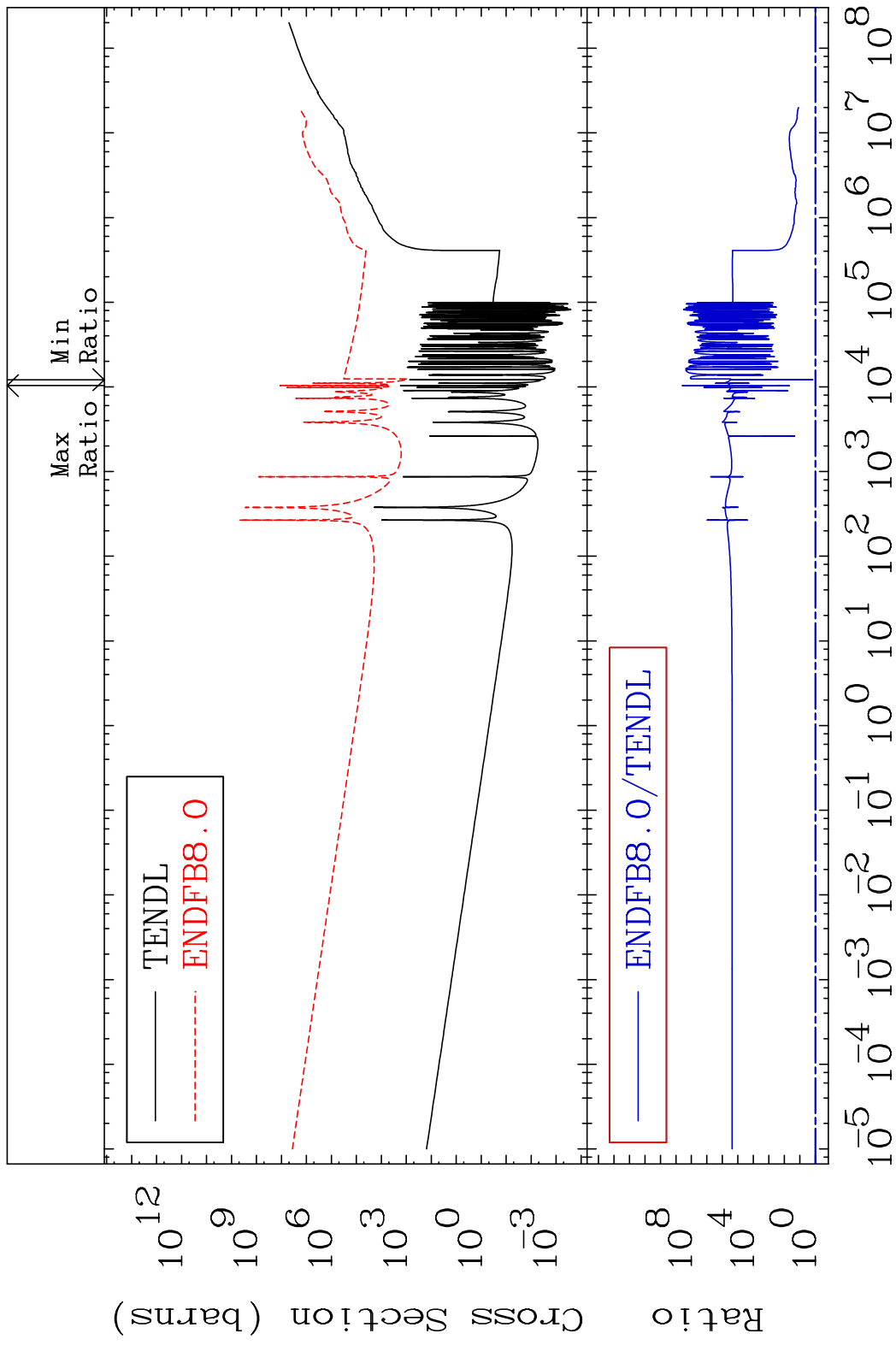


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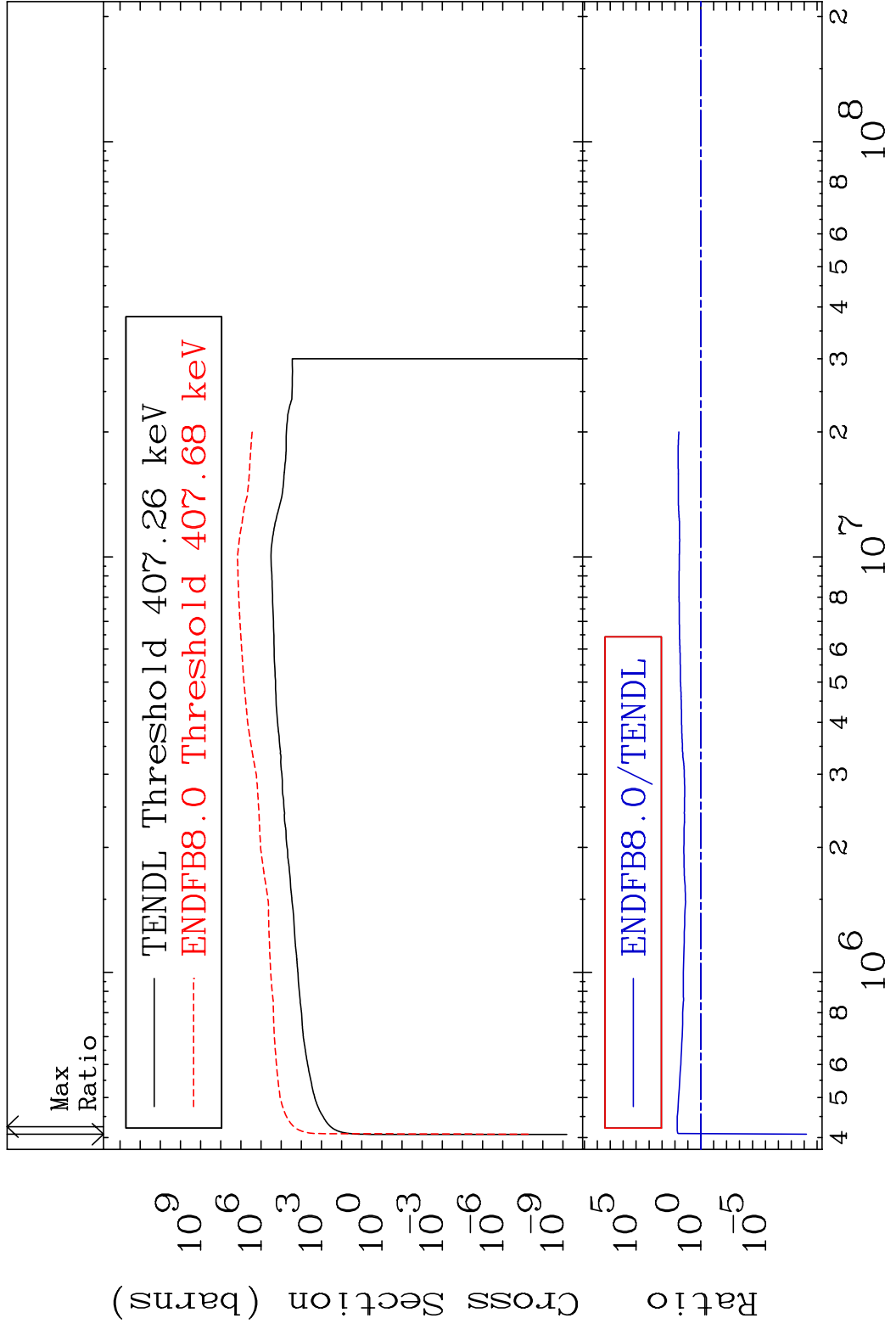
Incident Energy (eV)

37-Rb-87

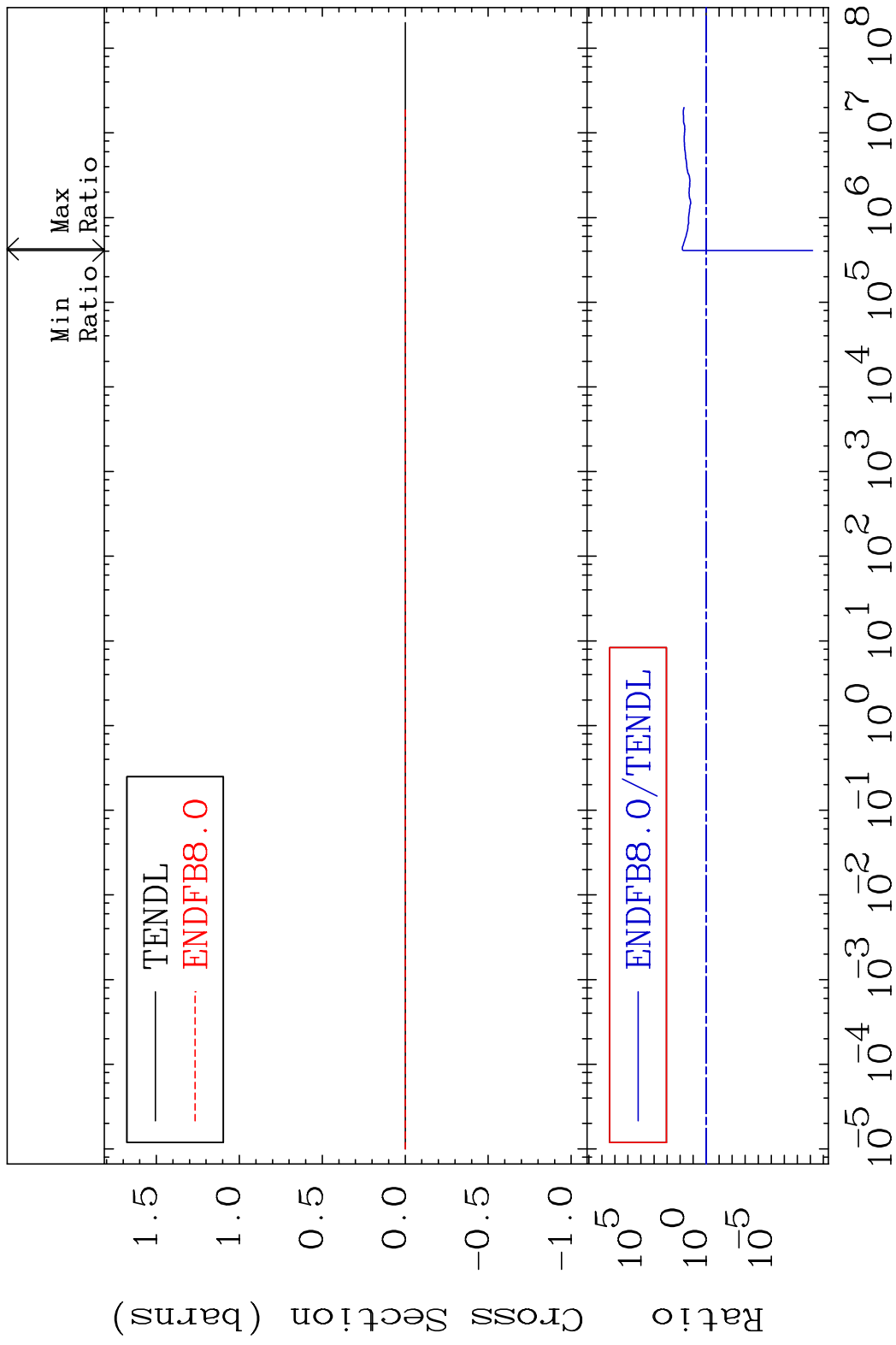
MAT 3731 Kerma non-elastic (all but mt2) 37-Rb-87
 Cross Section 52.26 To 9999. %



MAT 3731 Kerma inelastic (mt51-91) 37-Rb-87
 Cross Section -100.0 To 6569. %



MAT 3731 Kerma fission (mt18 or mt19-20-21-38) 37-Rb-87
 Cross Section -100.0 To 6569. %

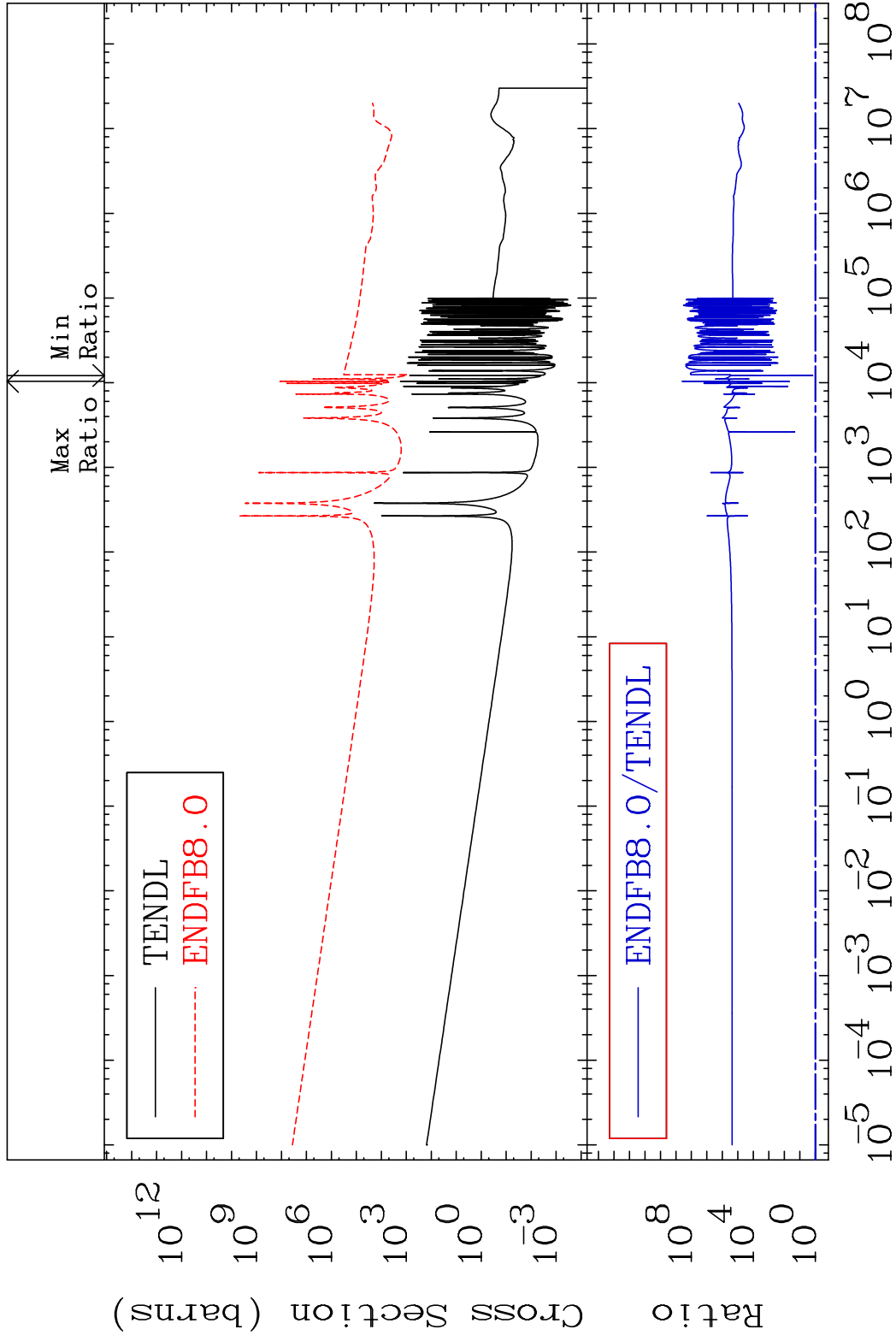


MAT 3731

Kerma capture (mt102)

37-Rb-87

Cross Section 52.26 To 9999. %

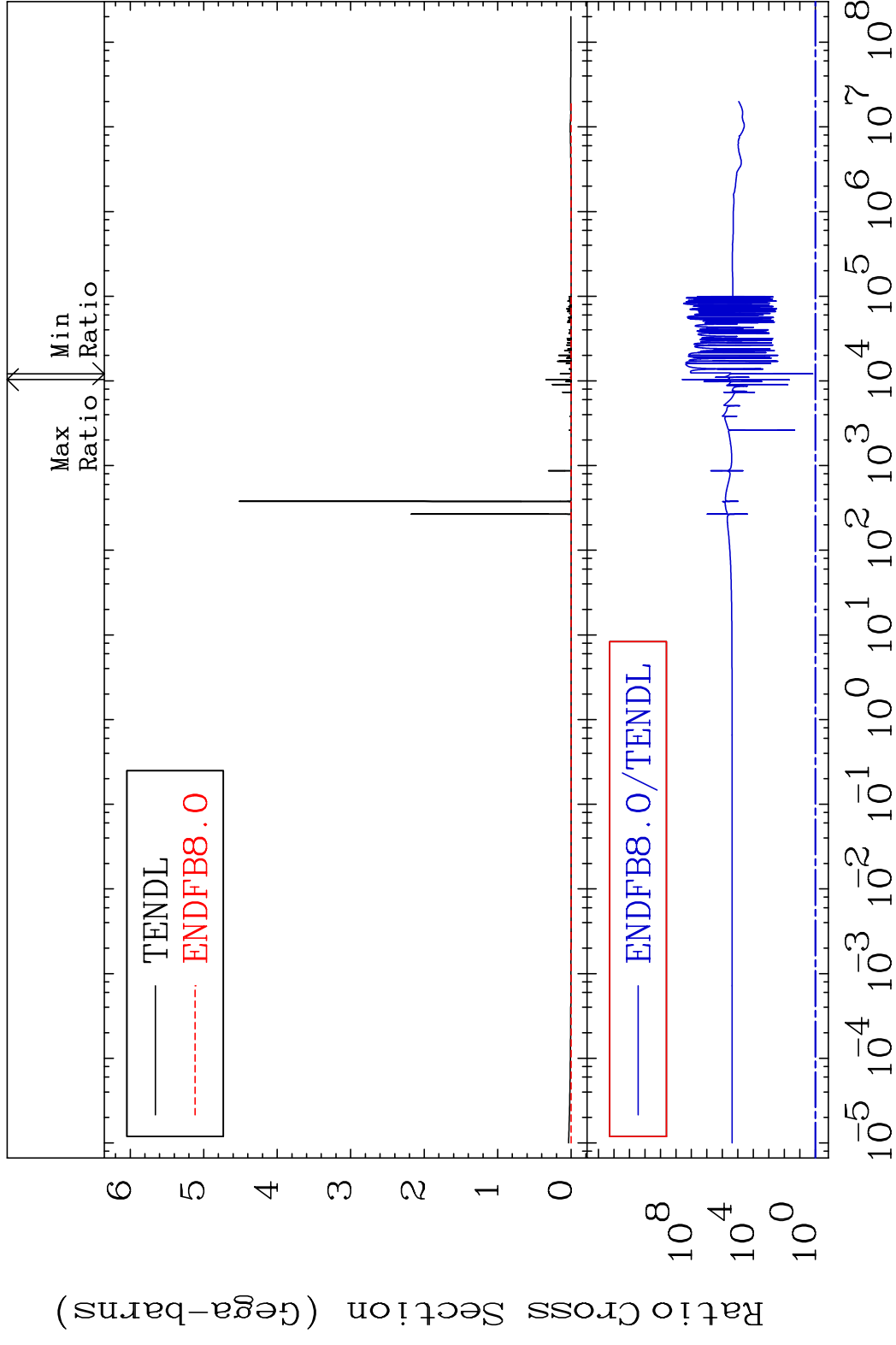


31

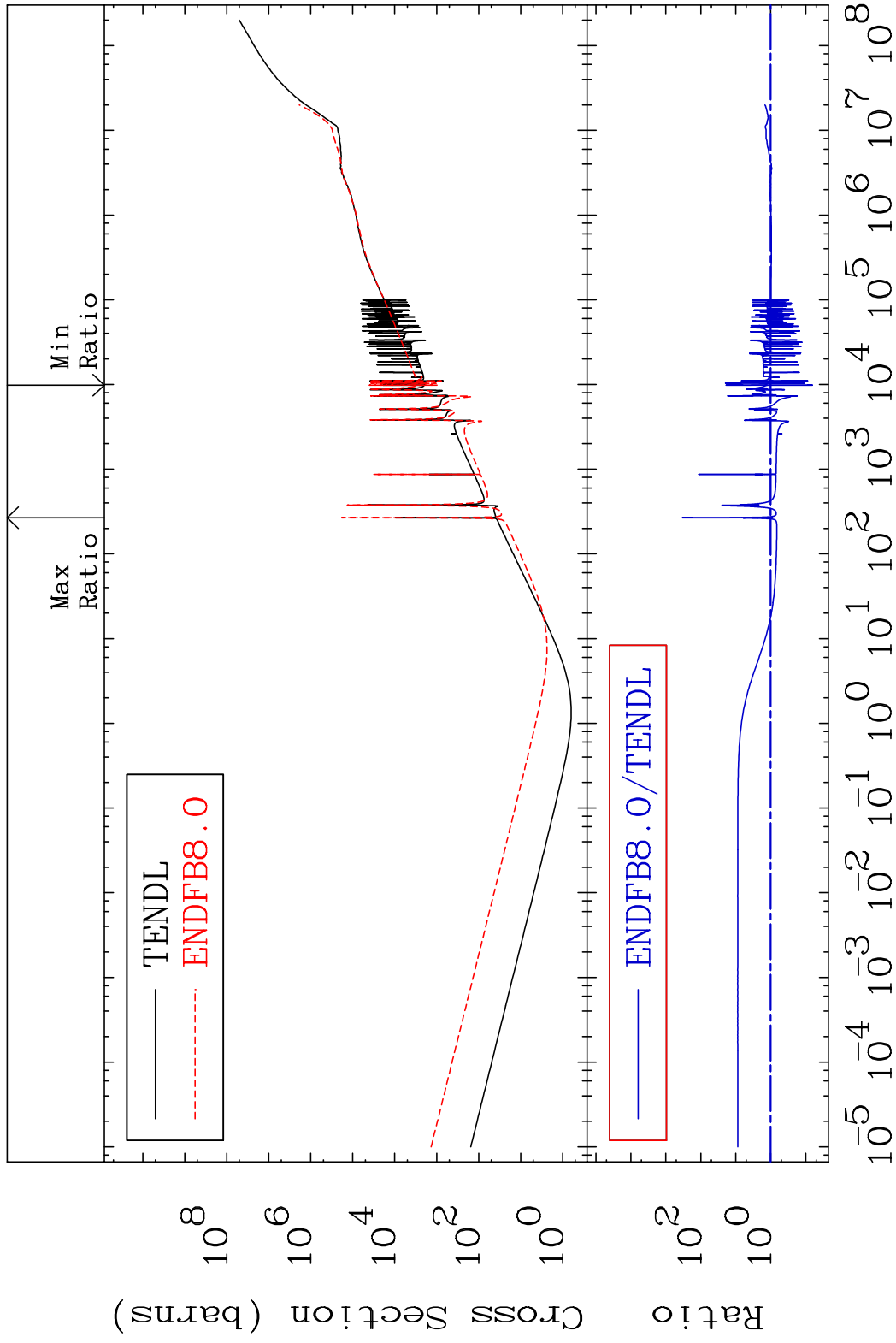
Incident Energy (eV)

37-Rb-87

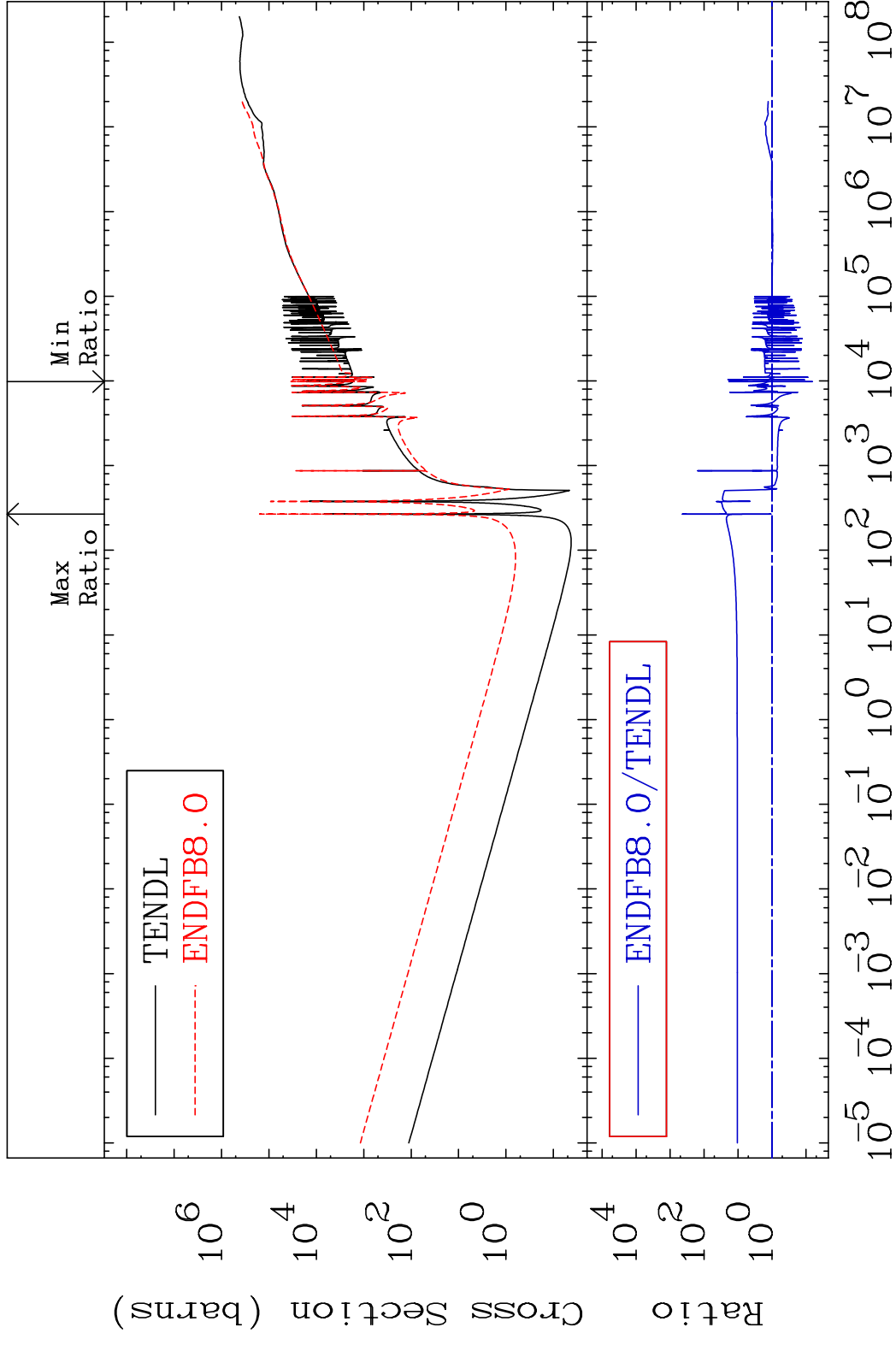
MAT 3731 Total photon (eV-barns) 37-Rb-87
 Cross Section 52.26 To 9999. %



MAT 3731 Total kinematic kerma (high limit) 37-Rb-87
 Cross Section -93.63 To 9999. %



MAT 3731 Dpa total (eV-barns) 37-Rb-87
 Cross Section -93.62 To 9999. %

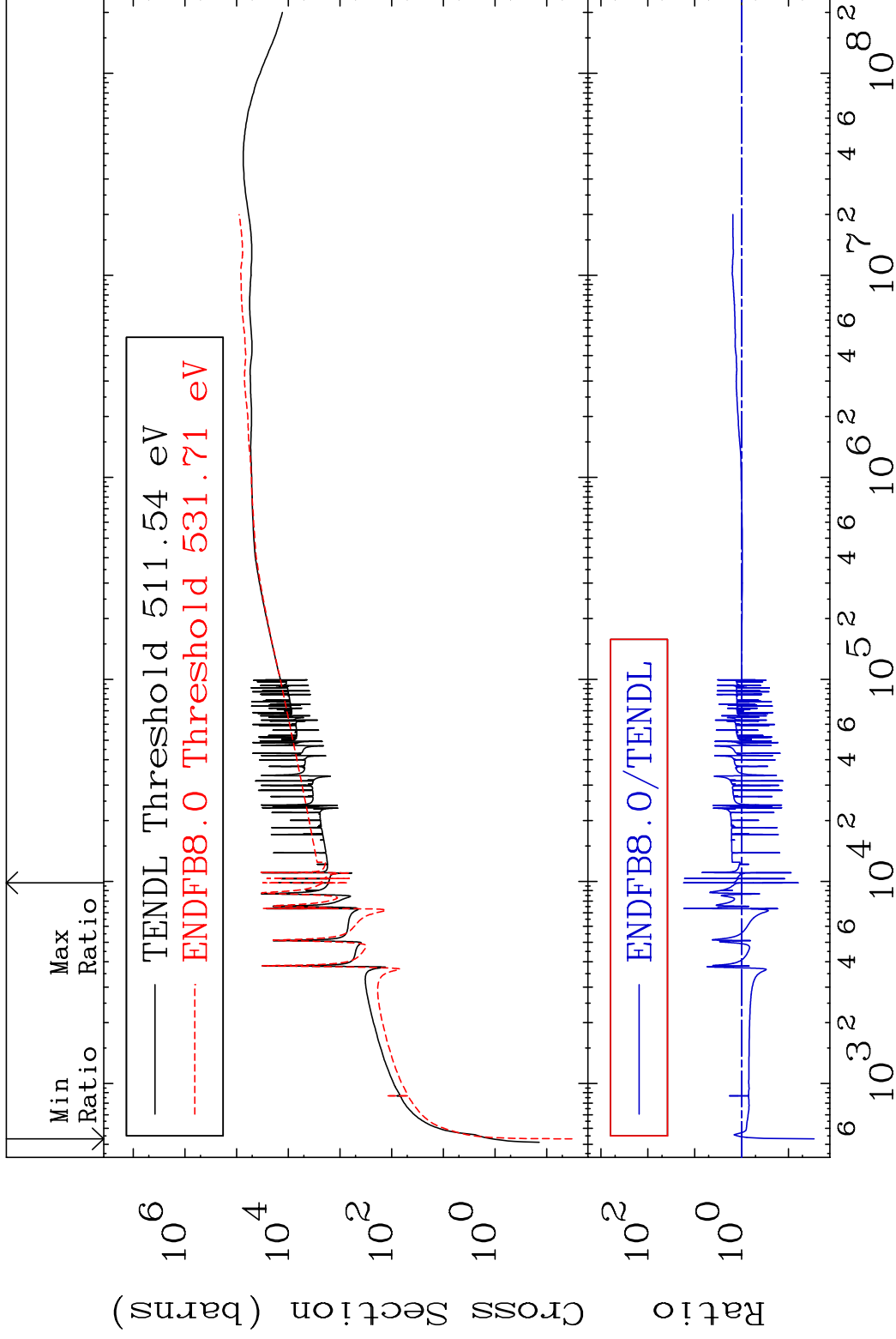


MAT 3731

Dpa elastic (mt2)

37-Rb-87

Cross Section -97.17 To 1633. %

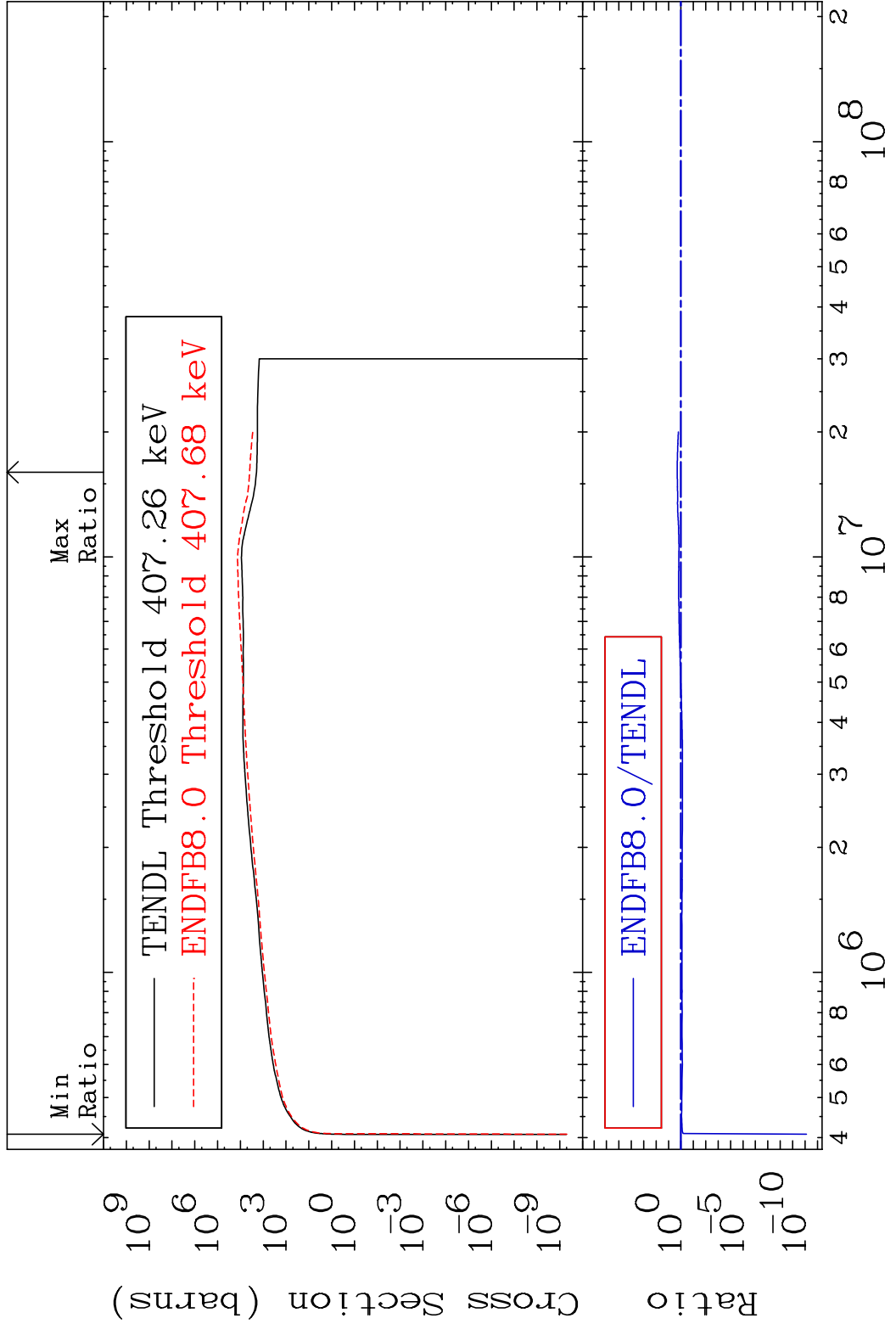


35

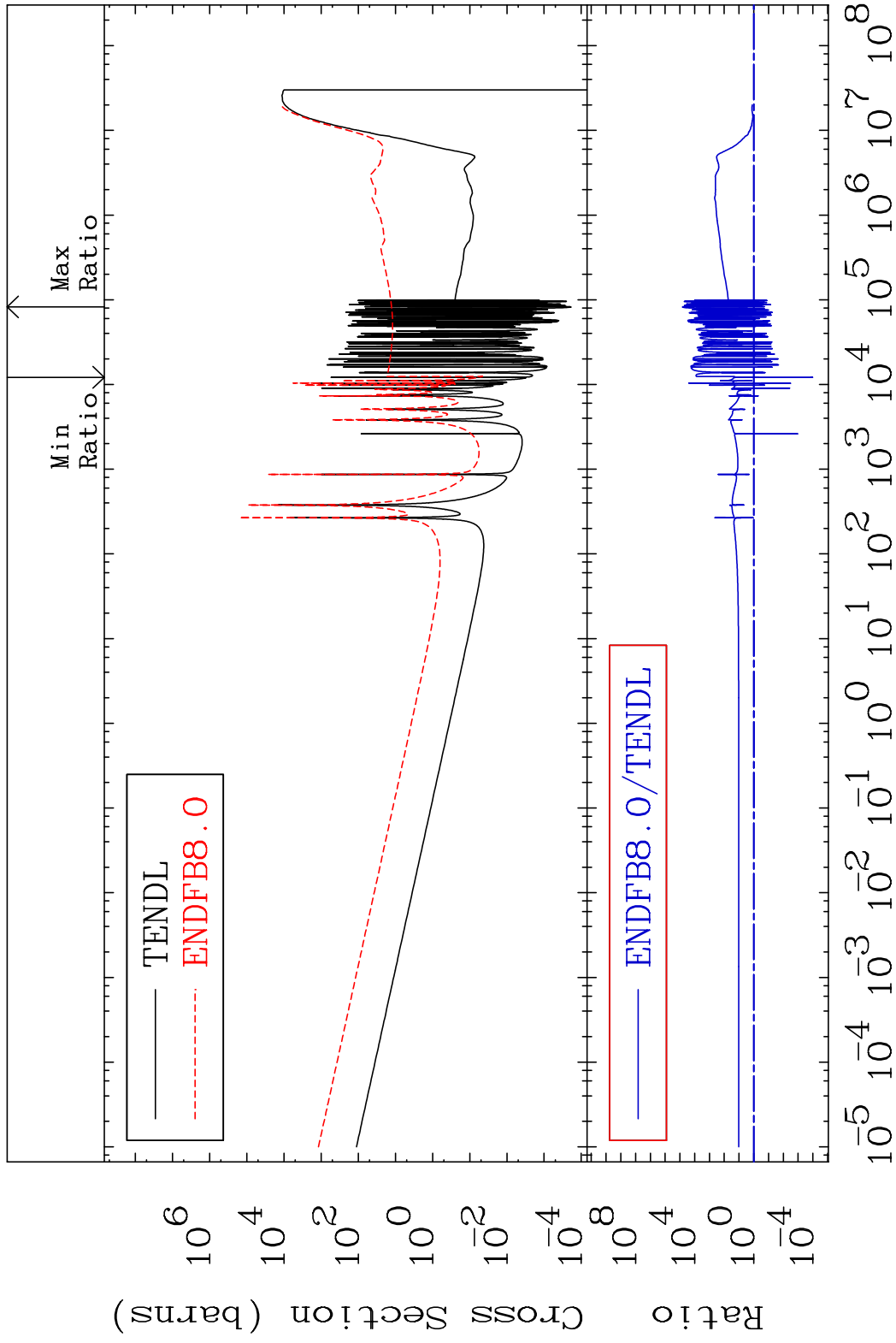
Incident Energy (eV)

37-Rb-87

MAT 3731 Dpa inelastic (mt51-91) 37-Rb-87
 Cross Section -100.0 To 100.7 %



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



37 Incident Energy (eV) 37-Rb-87