

Program Complot
(Version 2021-1)

by

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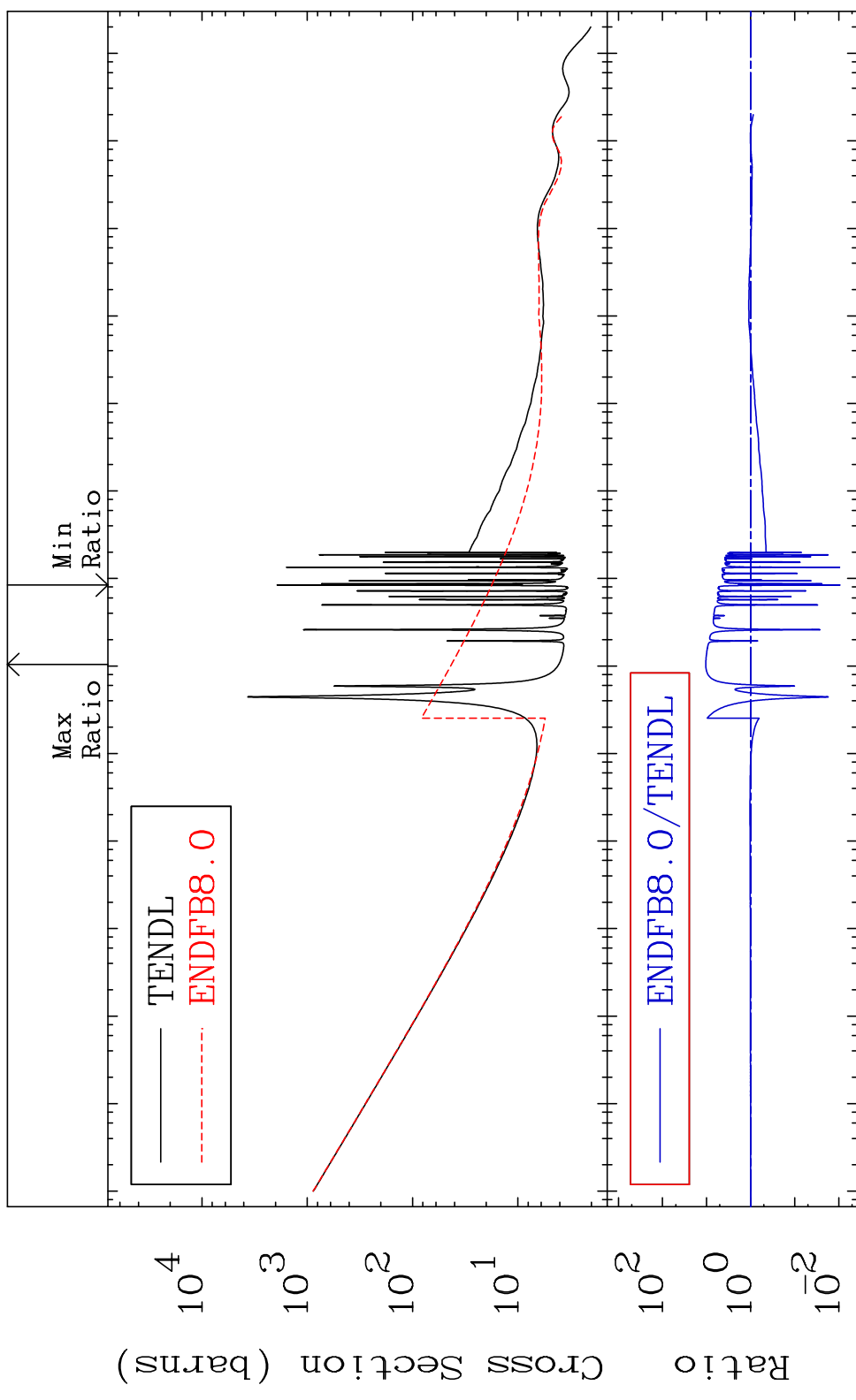
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5134

Total Cross Section
51-Sb-124
-99.08 To 942.8 %



1 Incident Energy (eV) 51-Sb-124

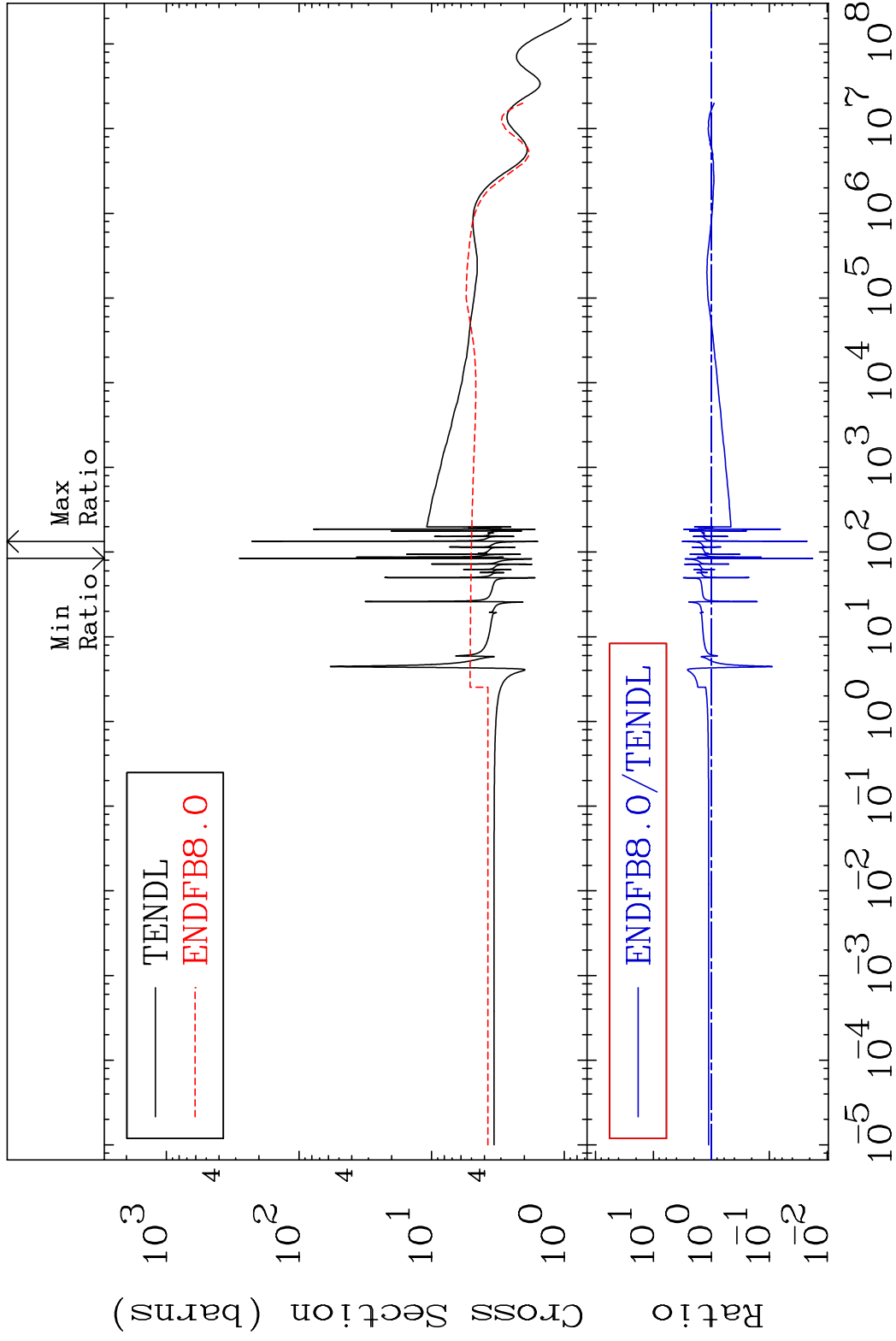
MAT 5134

Elastic

51-Sb-124

Cross Section

-98.22 To 216.7 %



2

Incident Energy (eV)

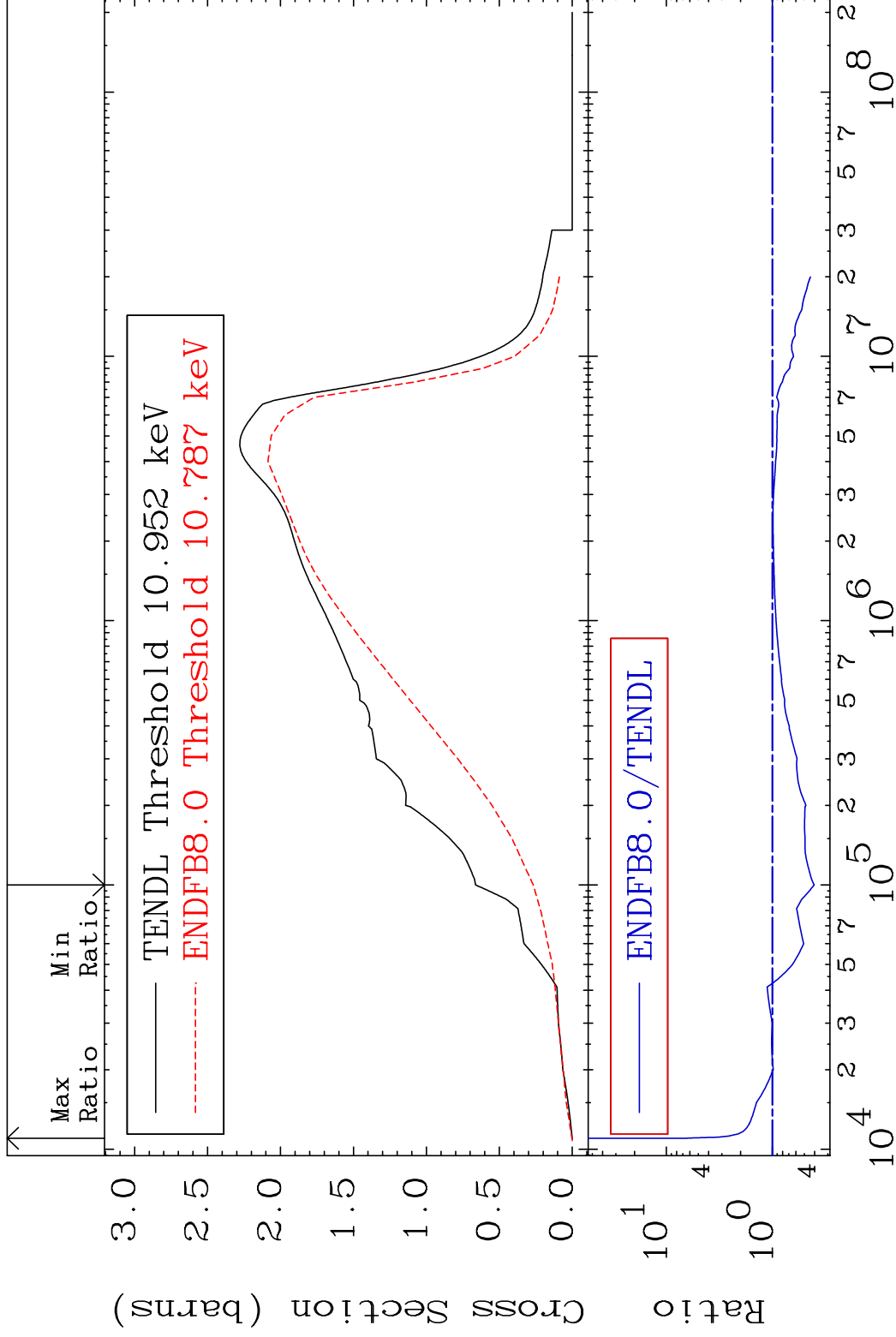
51-Sb-124

MAT 5134

Inelastic

51-Sb-124

Cross Section -59.62 To 587.6 %



3

Incident Energy (eV)

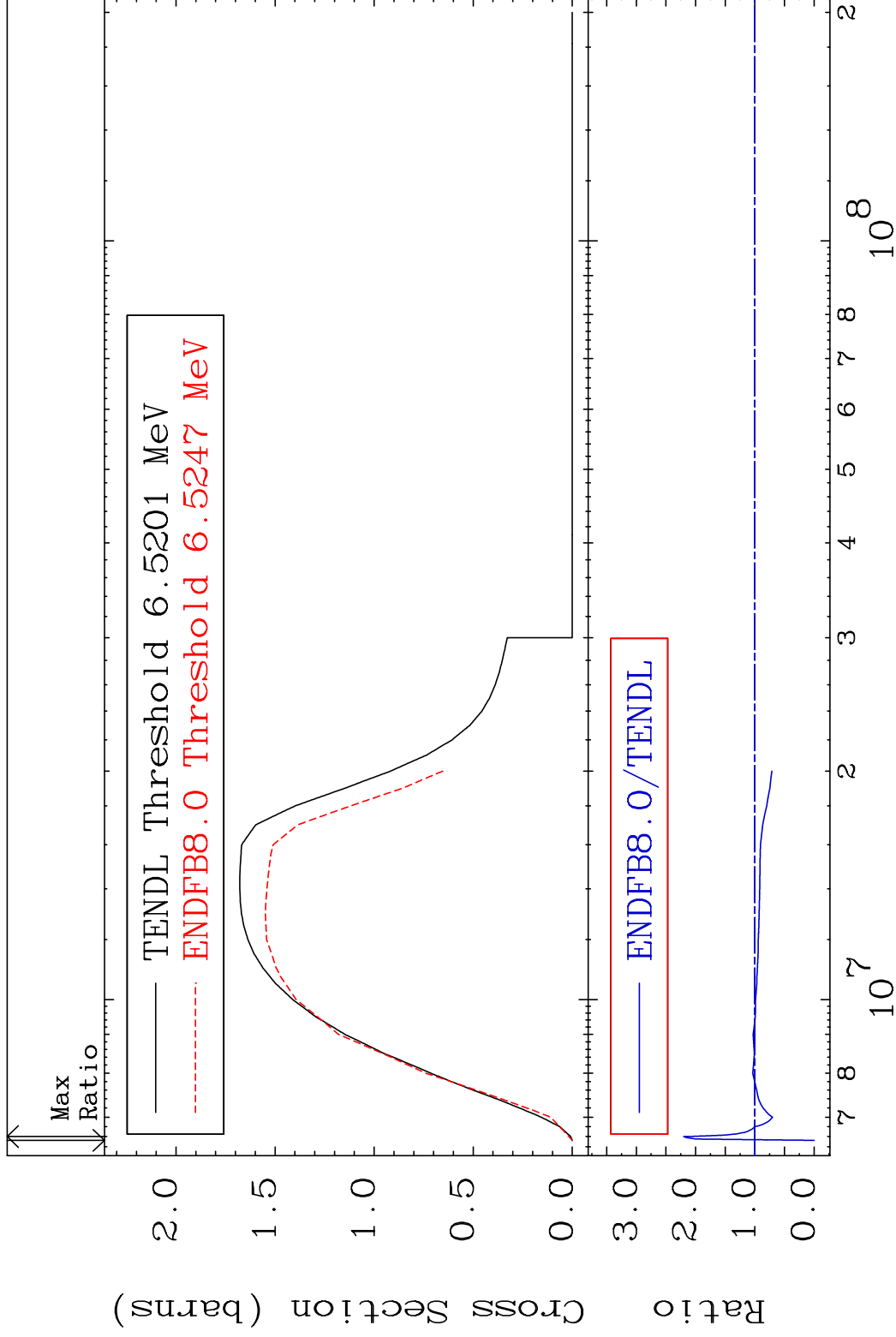
51-Sb-124

MAT 5134

(n,2n)

51-Sb-124

Cross Section -100.0 To 120.1 %



4

Incident Energy (eV)

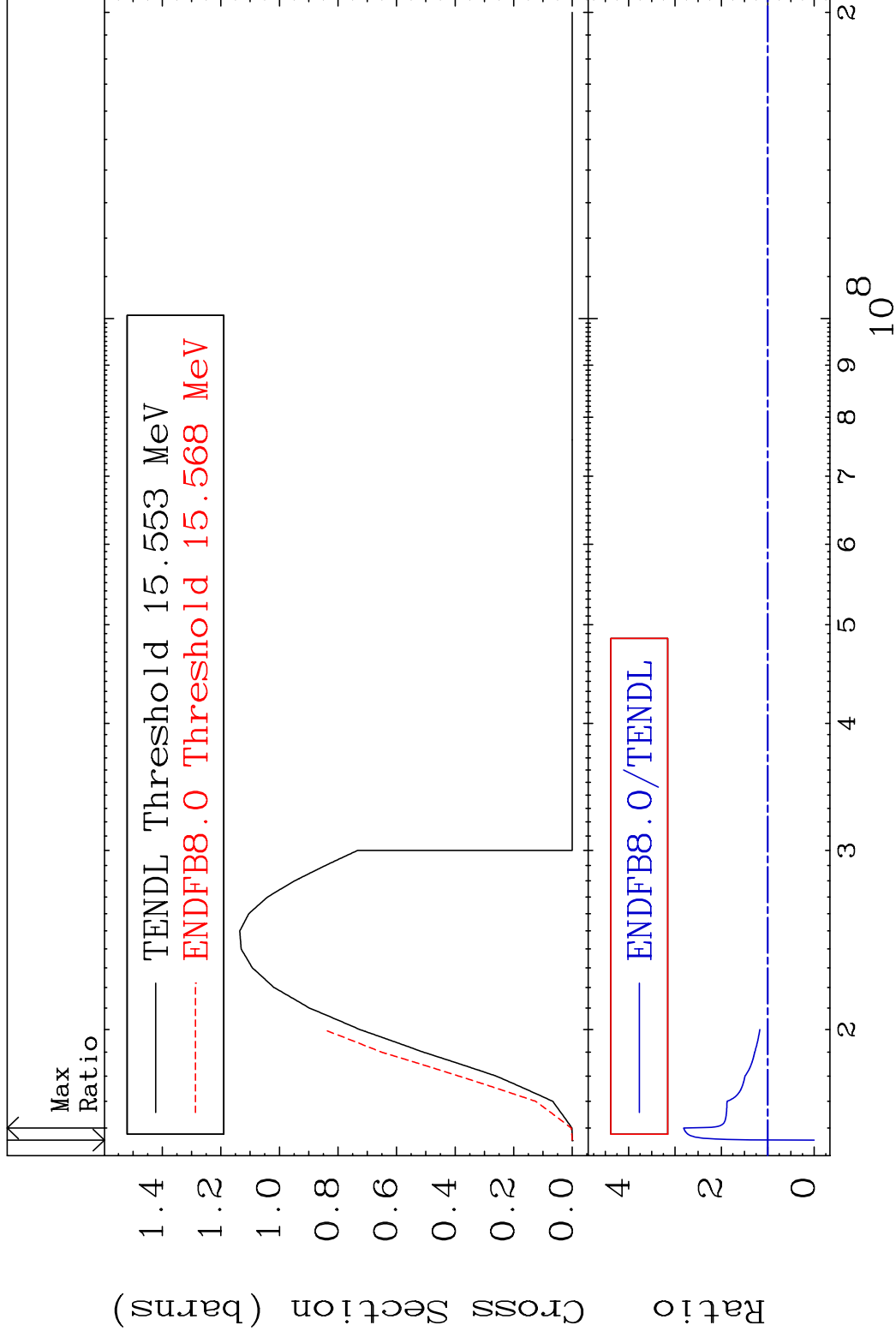
51-Sb-124

MAT 5134

(n,3n)

51-Sb-124

Cross Section -100.0 To 181.2 %



5

Incident Energy (eV)

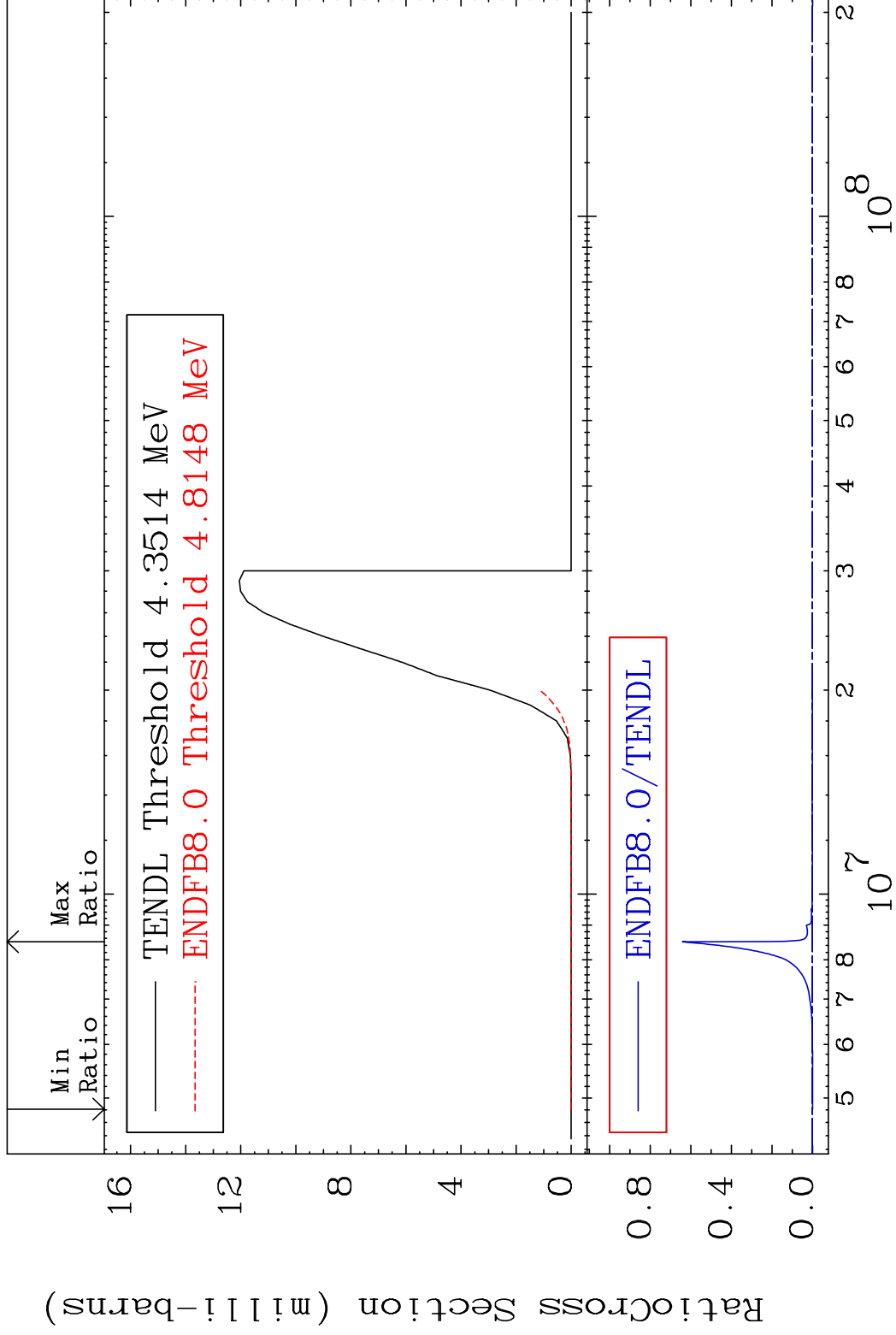
51-Sb-124

MAT 5134

(n, n') α

51-Sb-124

Cross Section -100.0 To 9999. %



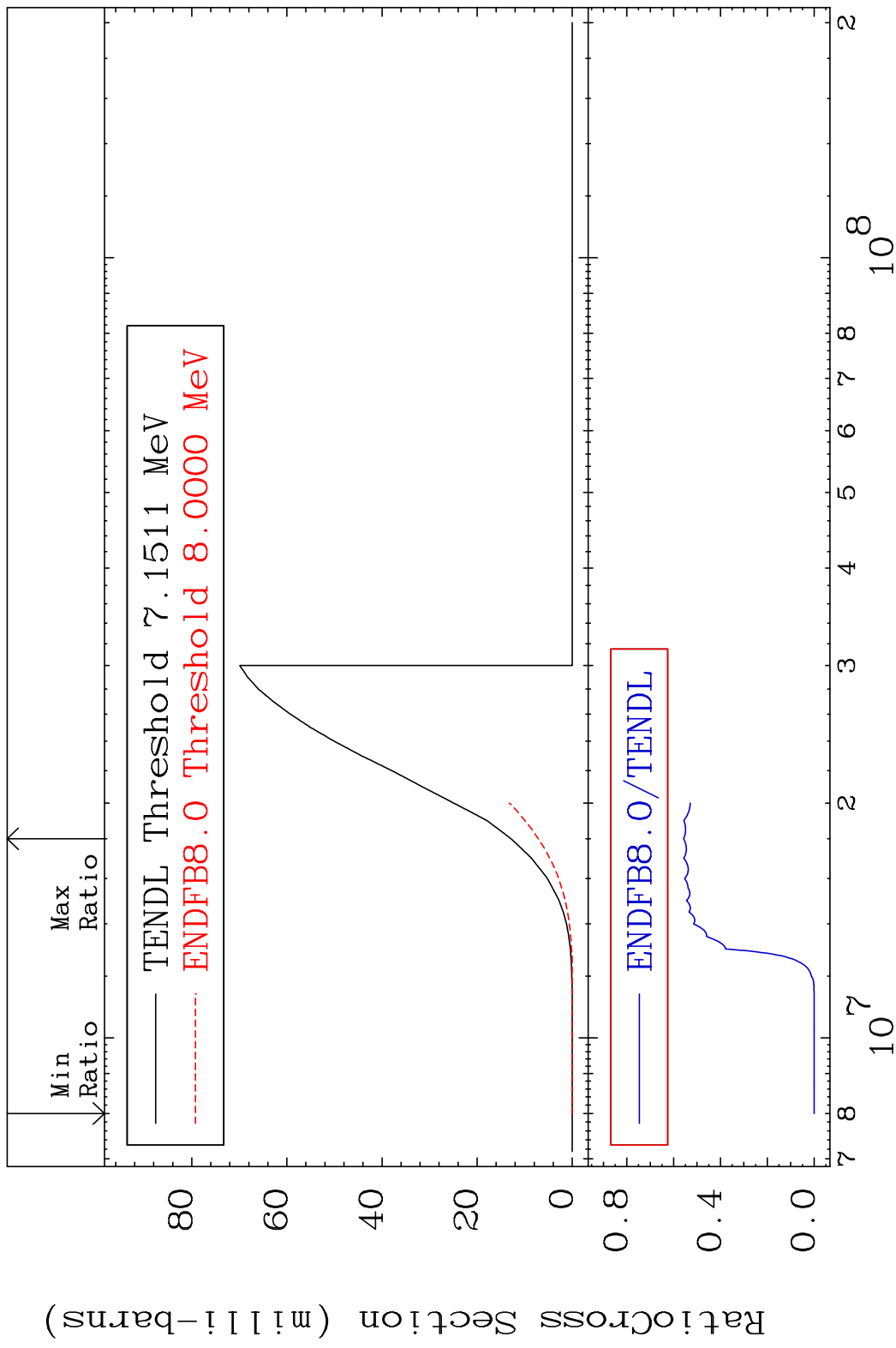
6

Incident Energy (eV)

51-Sb-124

MAT 5134

(n, n') p 51-Sb-124
Cross Section -100.0 To -44.28%



7

Incident Energy (eV)

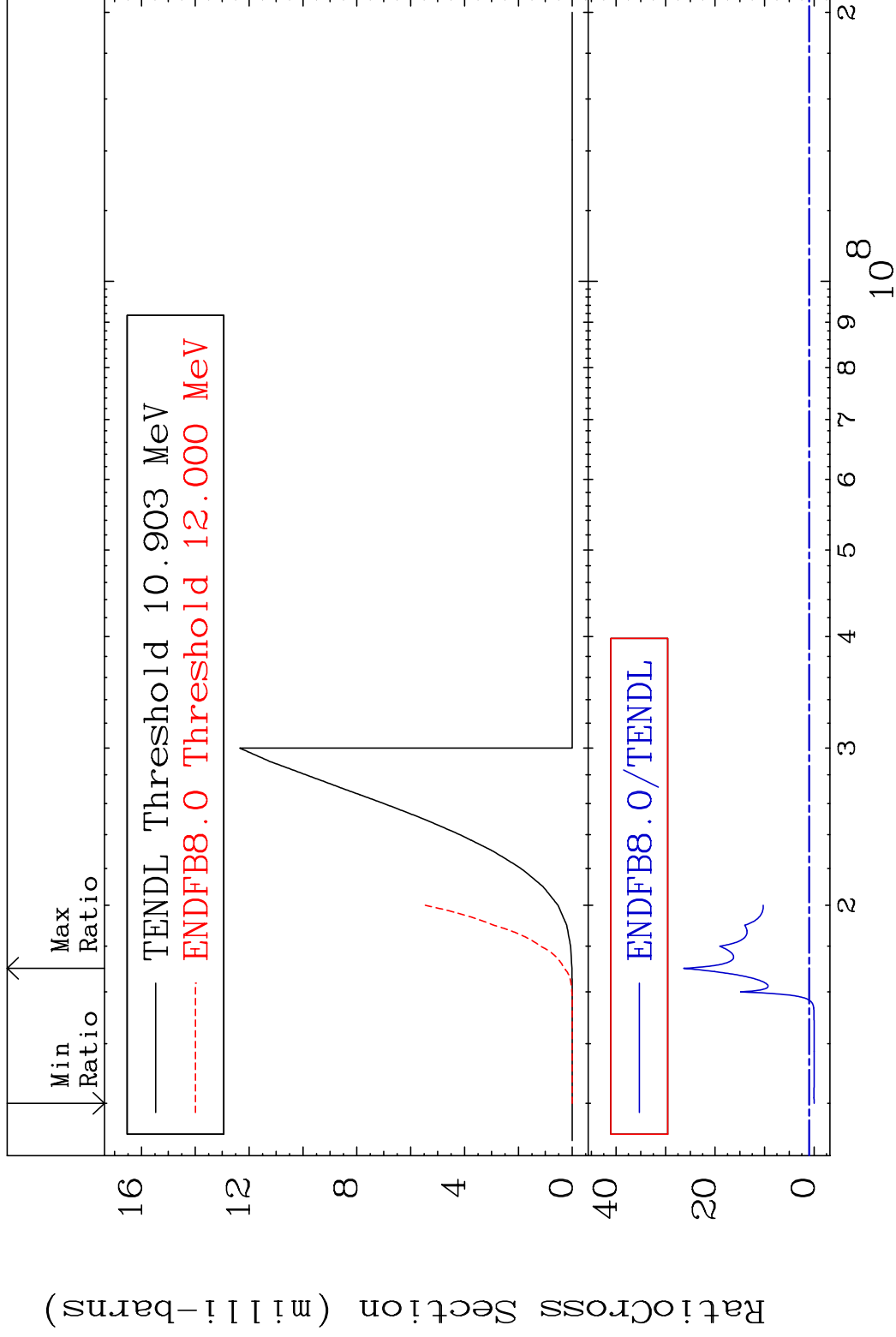
51-Sb-124

MAT 5134

(n, n') d

51-Sb-124

Cross Section -100.0 To 2535. %



8

Incident Energy (eV)

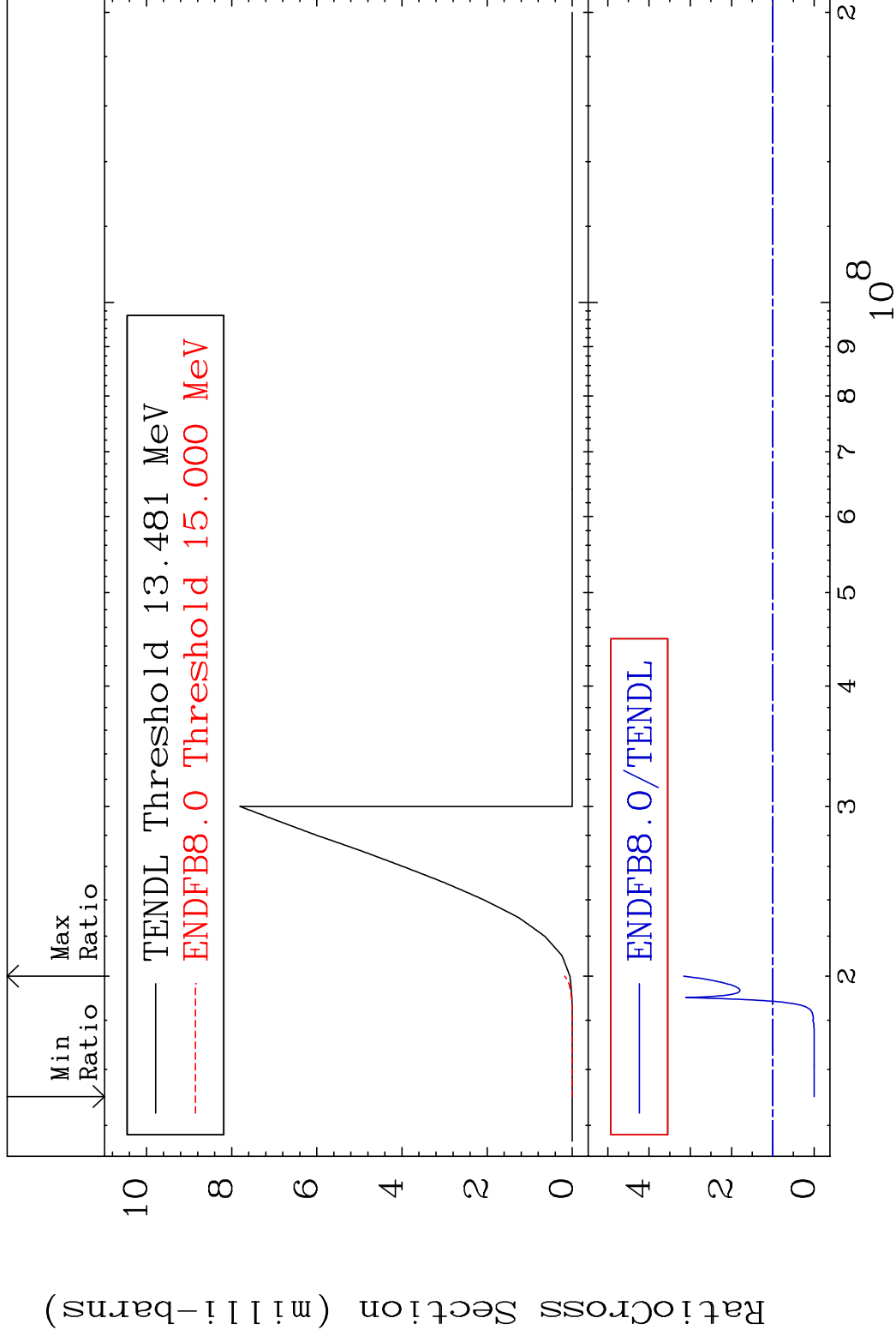
51-Sb-124

MAT 5134

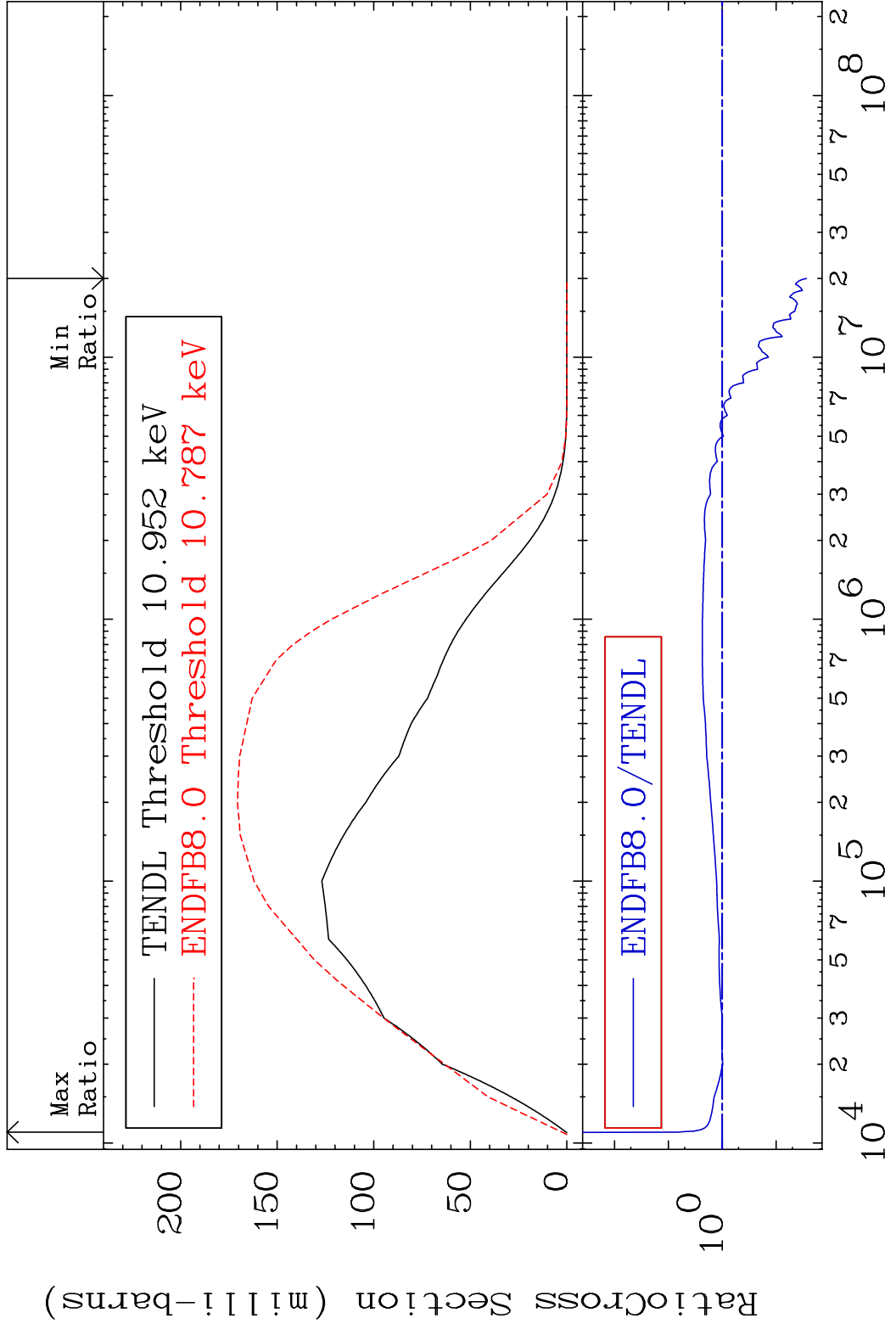
(n, n') t

51-Sb-124

Cross Section -100.0 To 216.1 %



MAT 5134 MT= 51 (n, n') Level 51-Sb-124
 Cross Section -97.26 To 587.6 %



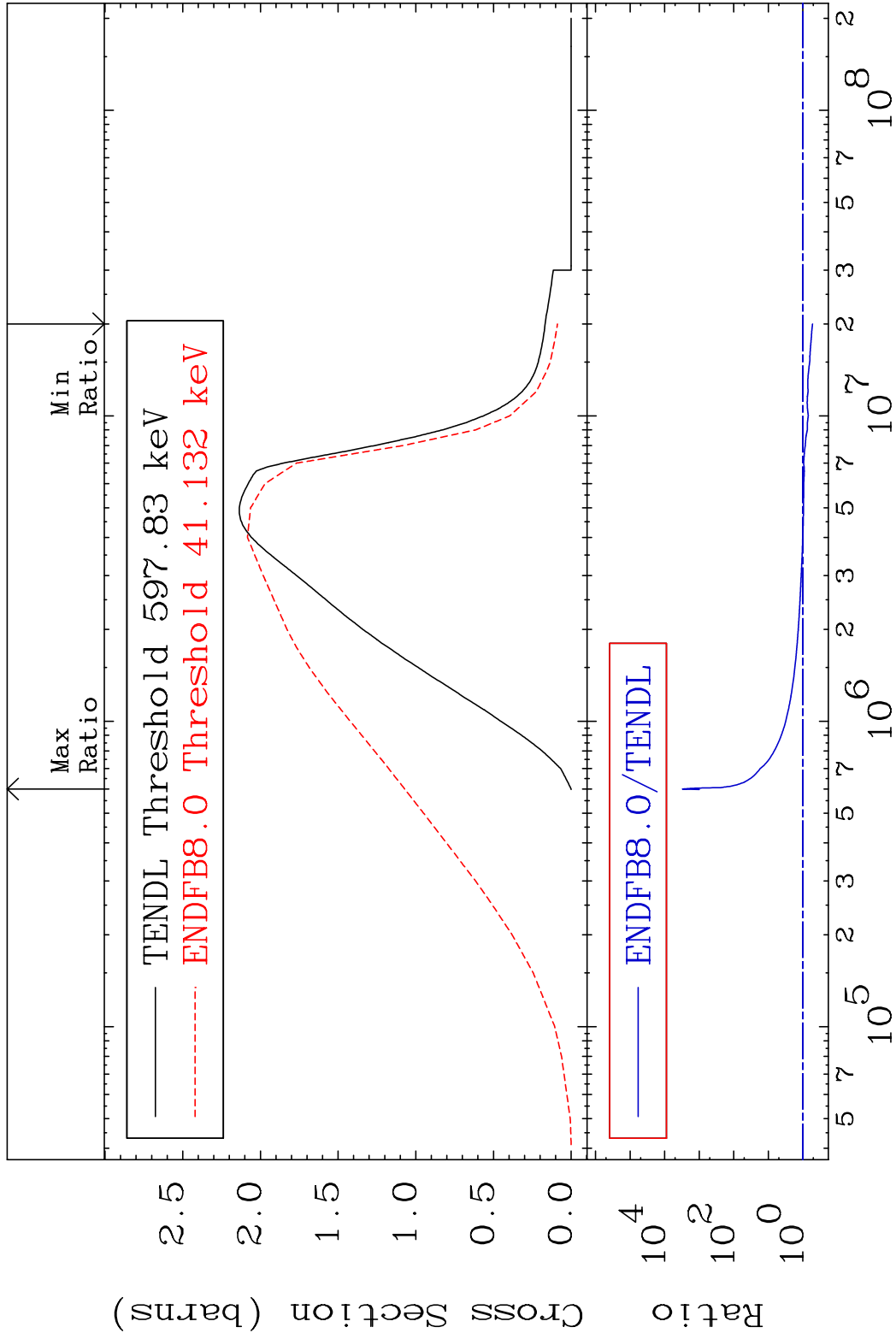
10 10 Incident Energy (eV) 51-Sb-124

MAT 5134

(n, n') Continuum

51-Sb-124

Cross Section -47.43 To 9999. %

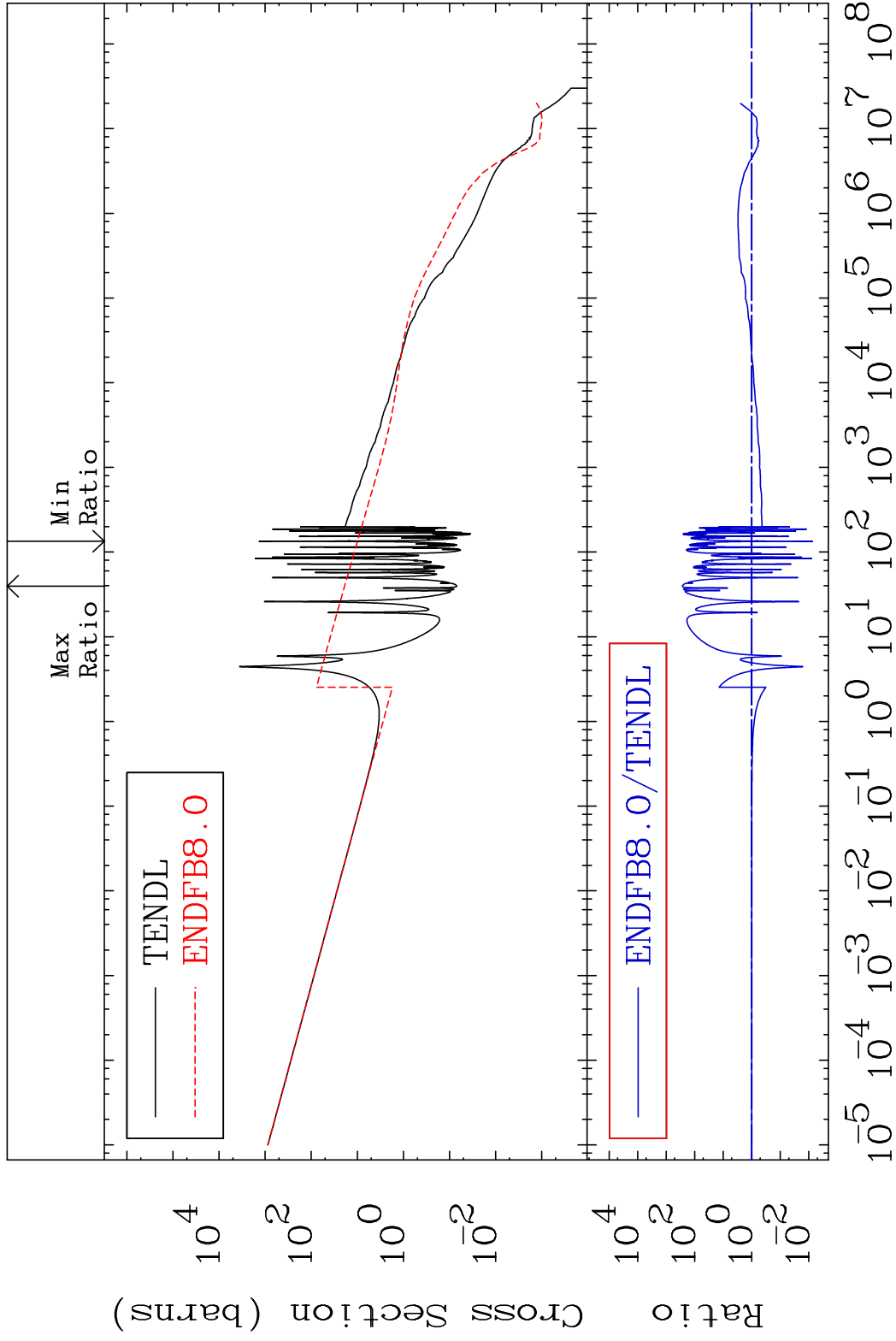


MAT 5134

(n, γ)

51-Sb-124

Cross Section -99.27 To 9999. %



12

Incident Energy (eV)

51-Sb-124

MAT 5134

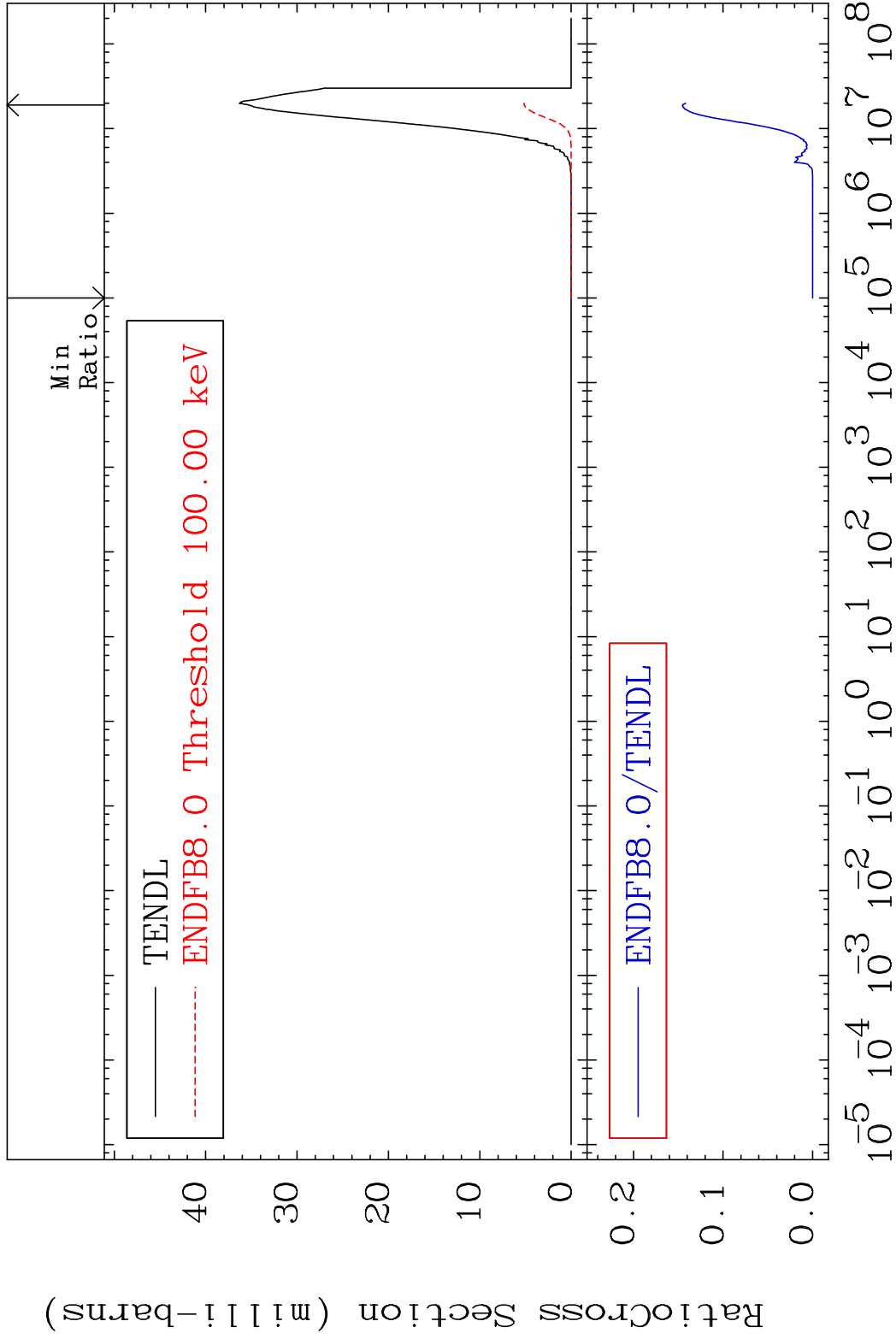
(n,p)

51-Sb-124

Cross Section

-100.0 To

-85.45%

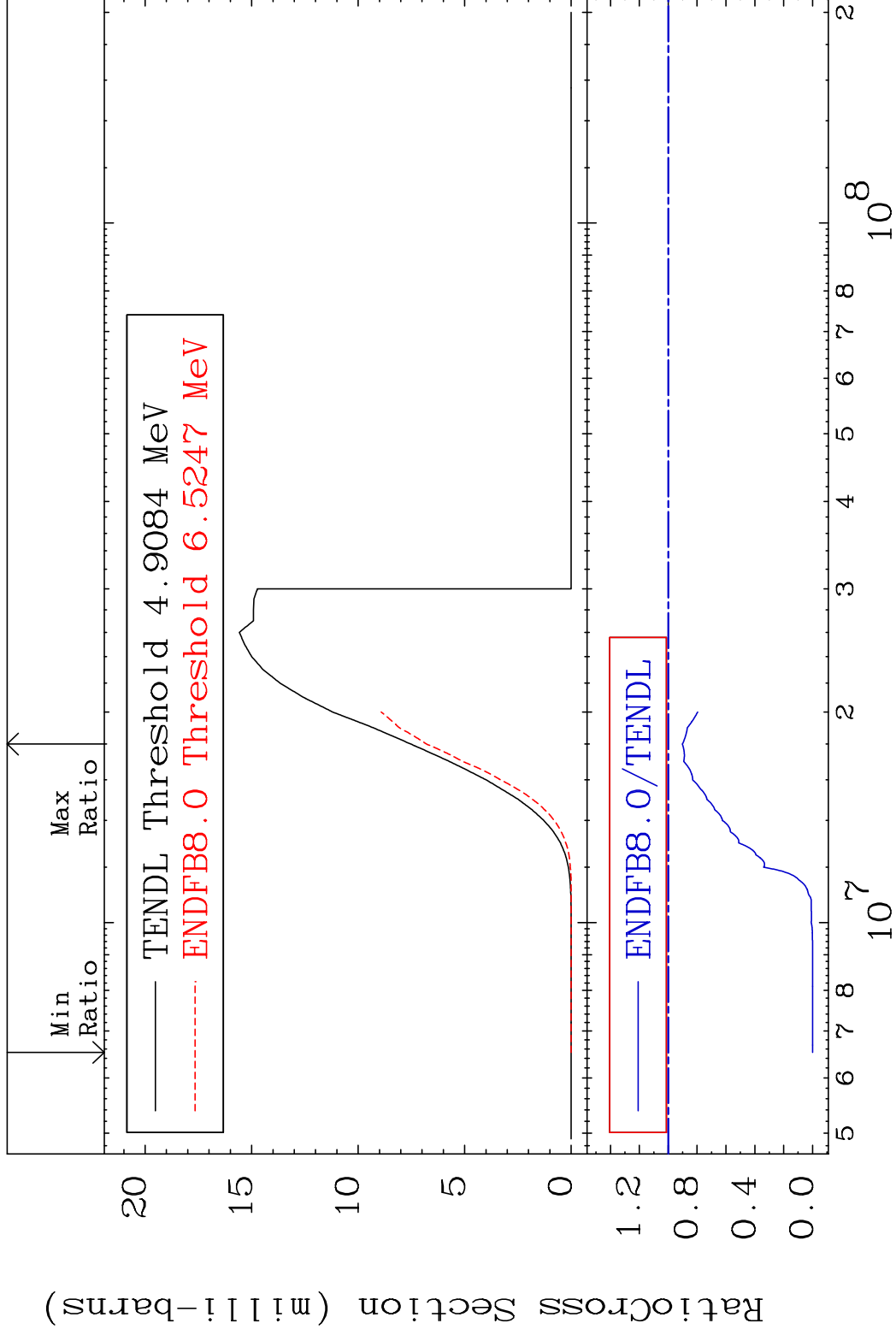


MAT 5134

(n,d)

51-Sb-124

Cross Section -100.0 To -9.789%

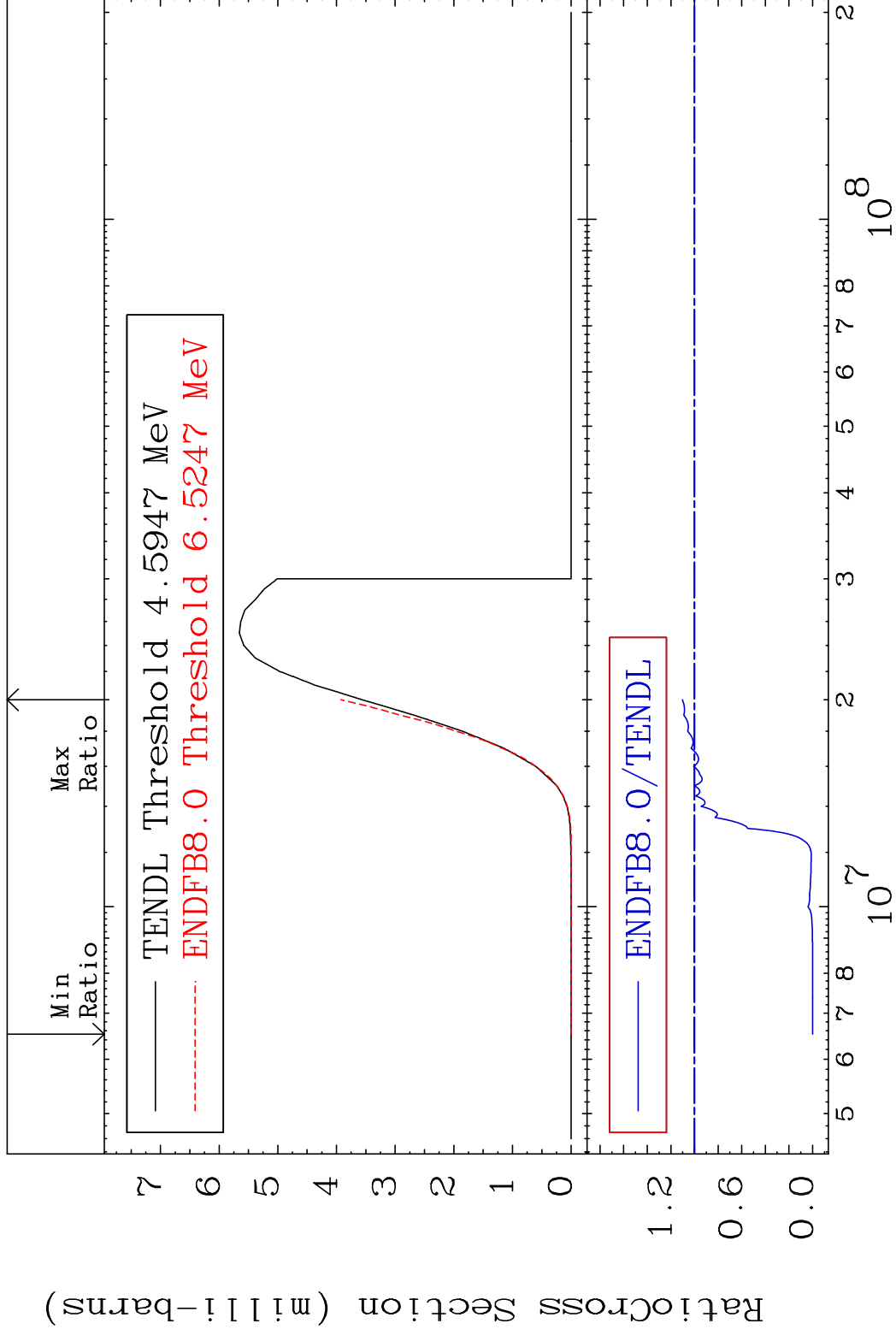


MAT 5134

(n, t)

51-Sb-124

Cross Section -100.0 To 10.28 %



15

Incident Energy (eV)

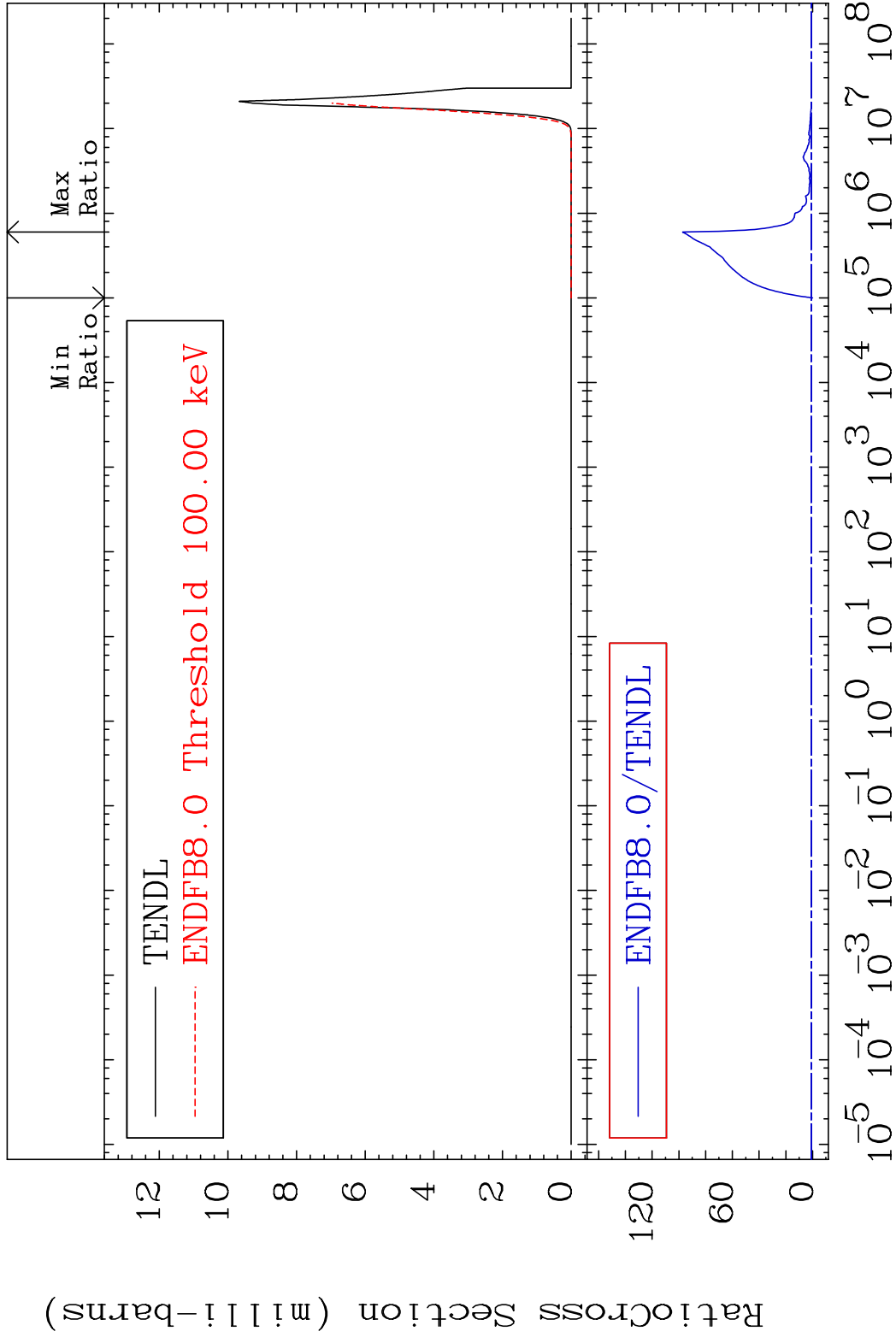
51-Sb-124

MAT 5134

(n, α)

51-Sb-124

Cross Section -100.0 To 9639. %



16

Incident Energy (eV)

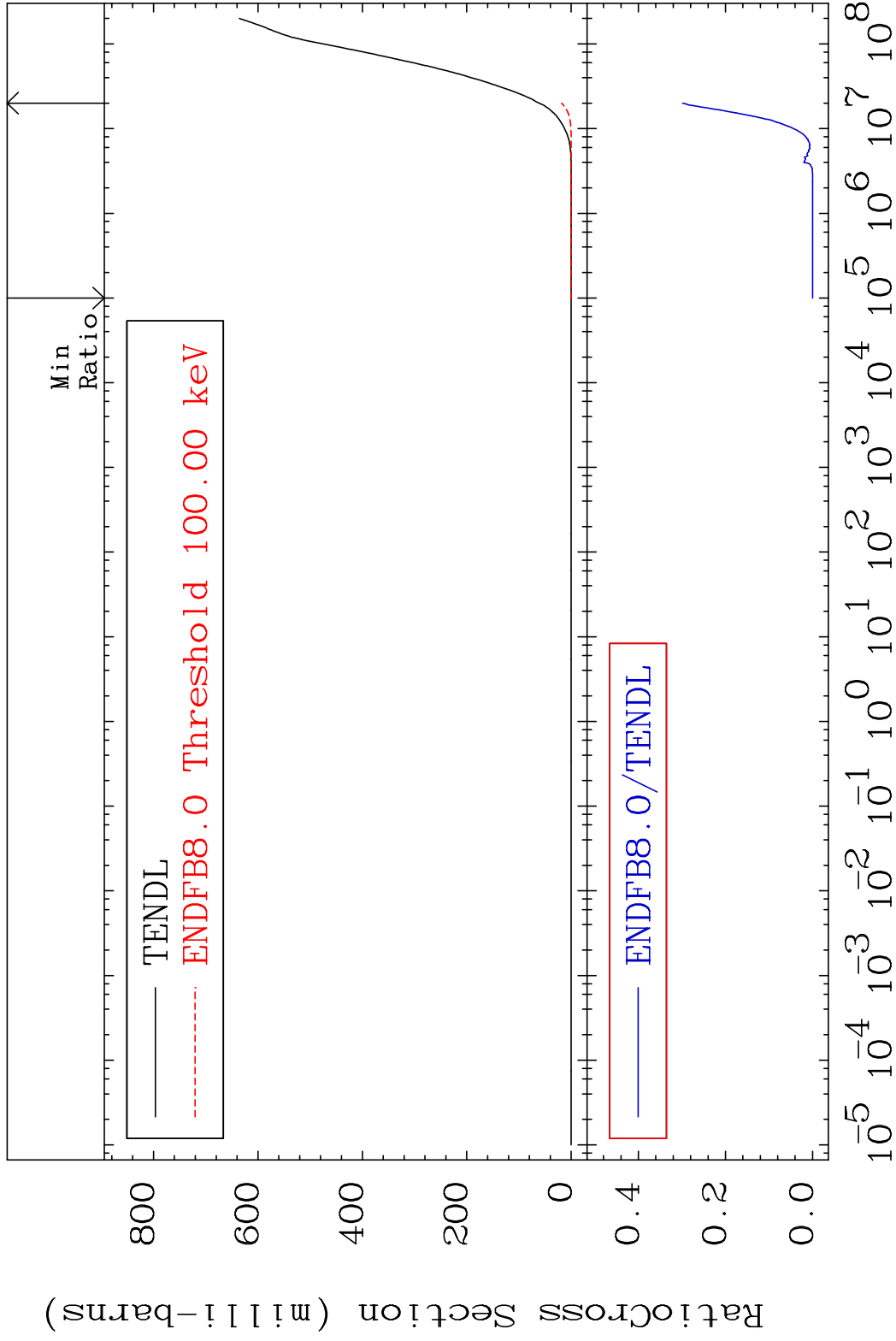
51-Sb-124

MAT 5134

Hydrogen Production

51-Sb-124

Cross Section -100.0 To -70.10%



17

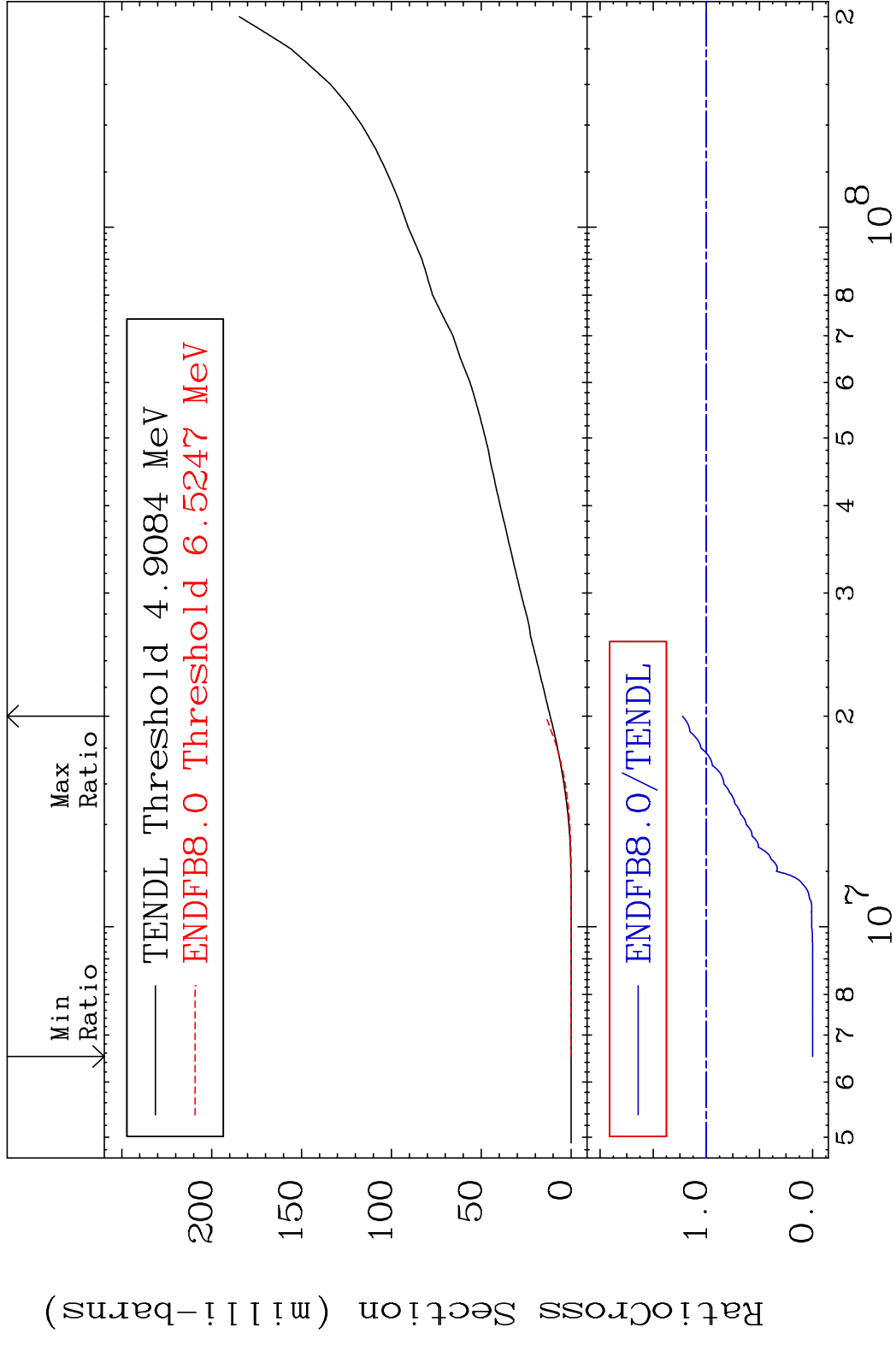
Incident Energy (eV)

51-Sb-124

MAT 5134

Deuterium Production 51-Sb-124

Cross Section -100.0 To 22.58 %



18

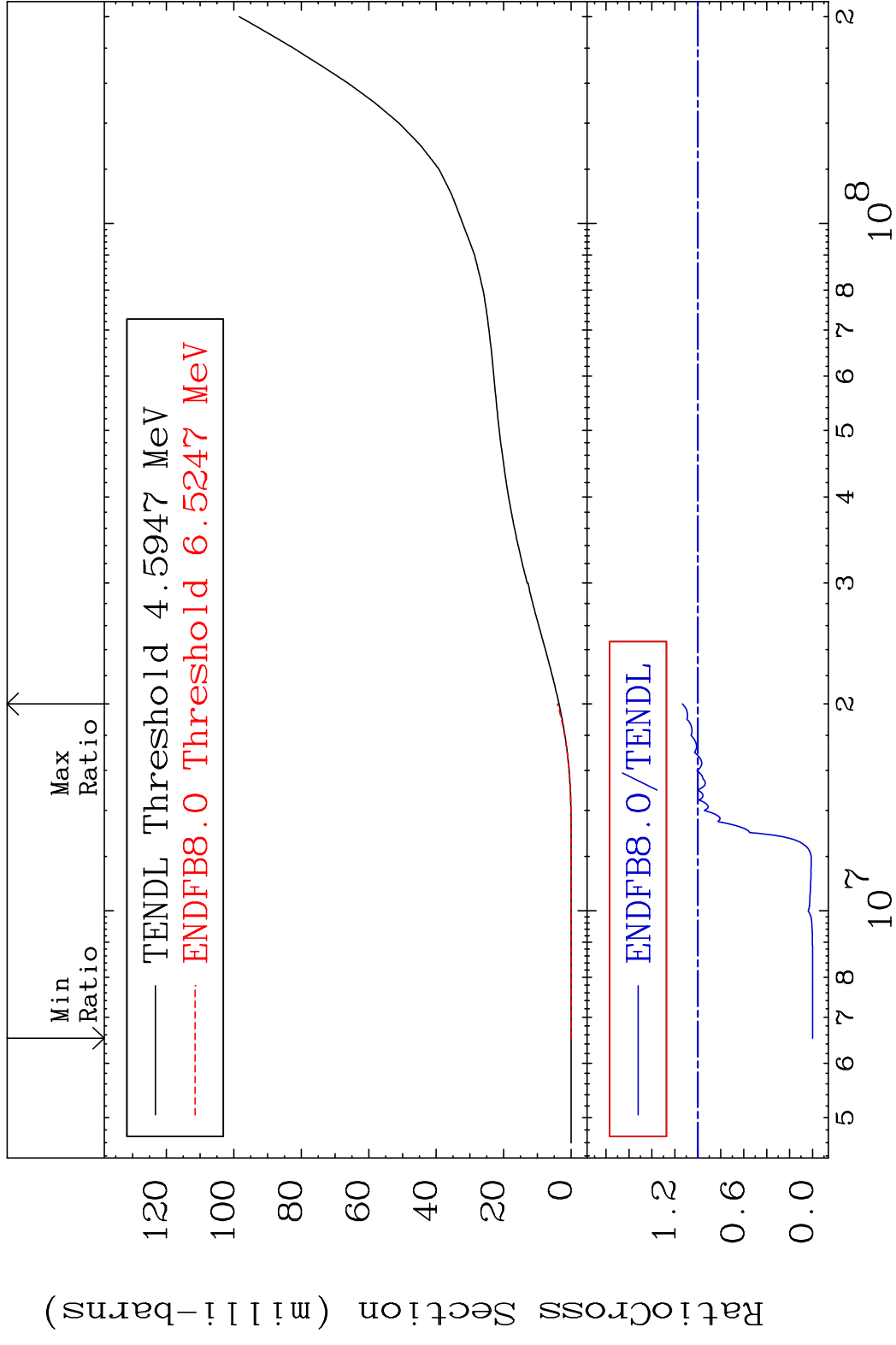
Incident Energy (eV)

51-Sb-124

MAT 5134

Tritium Production 51-Sb-124

Cross Section -100.0 To 13.49 %

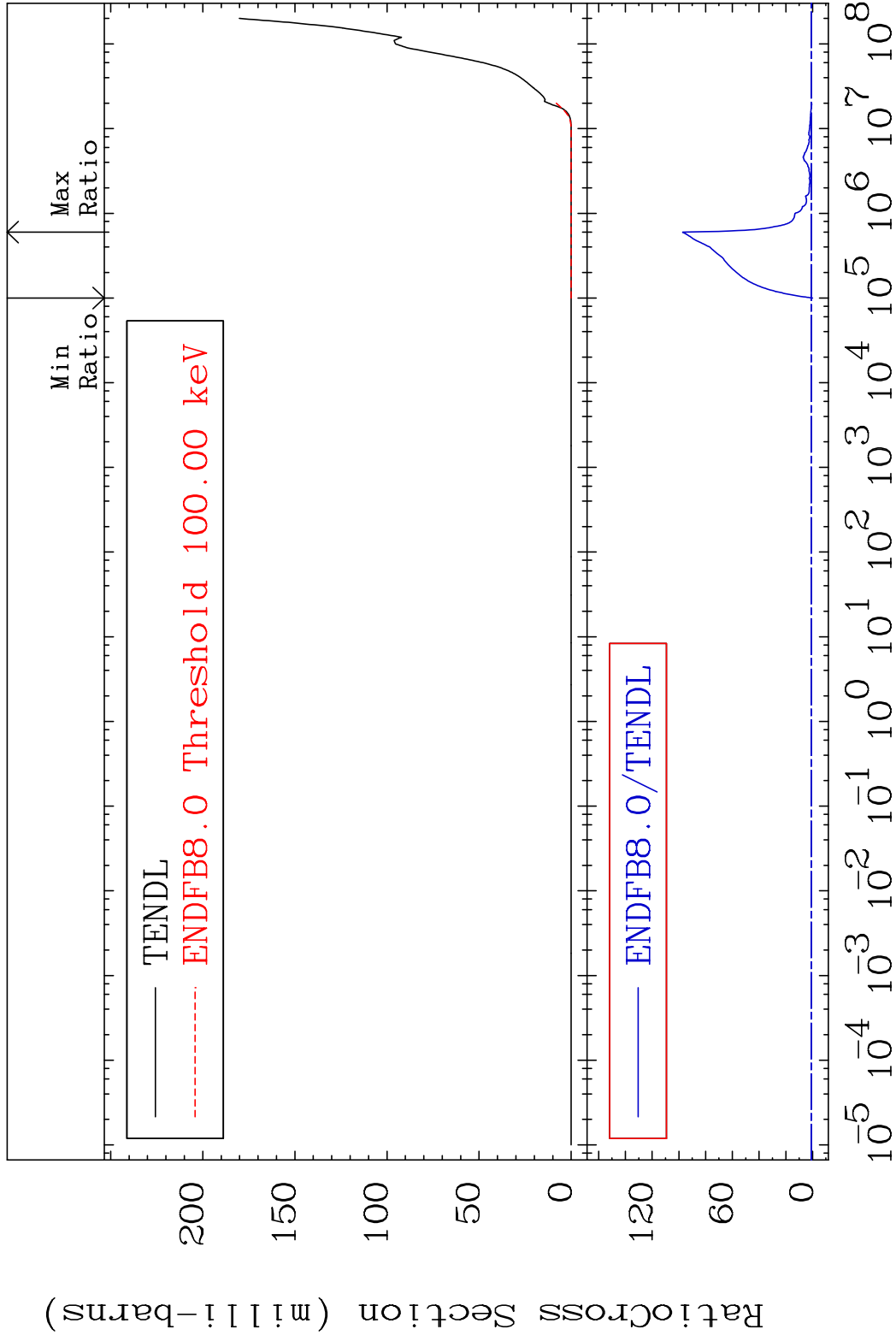


MAT 5134

He-4 Production

51-Sb-124

Cross Section -100.0 To 9639. %



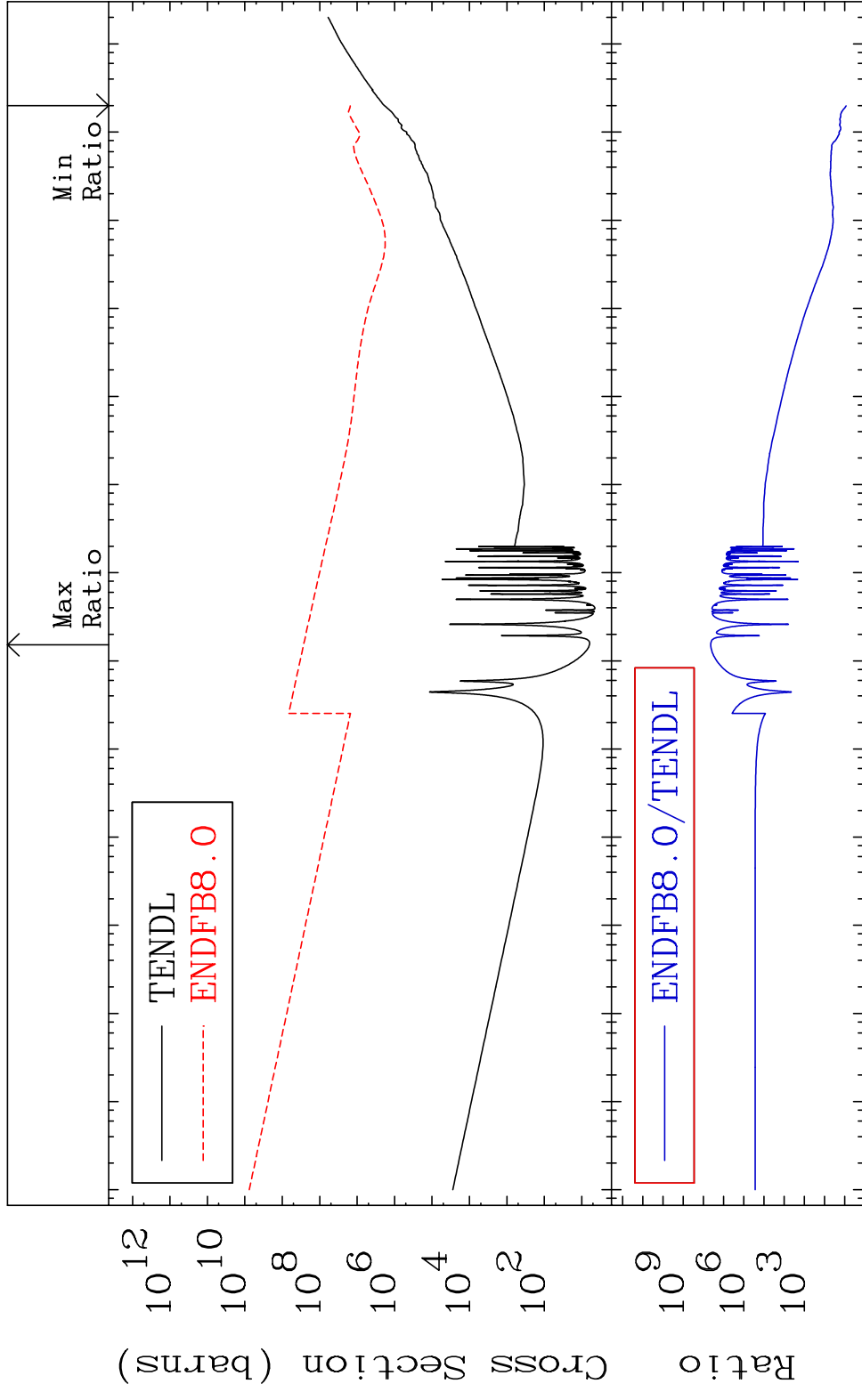
20

Incident Energy (eV)

51-Sb-124

MAT 5134

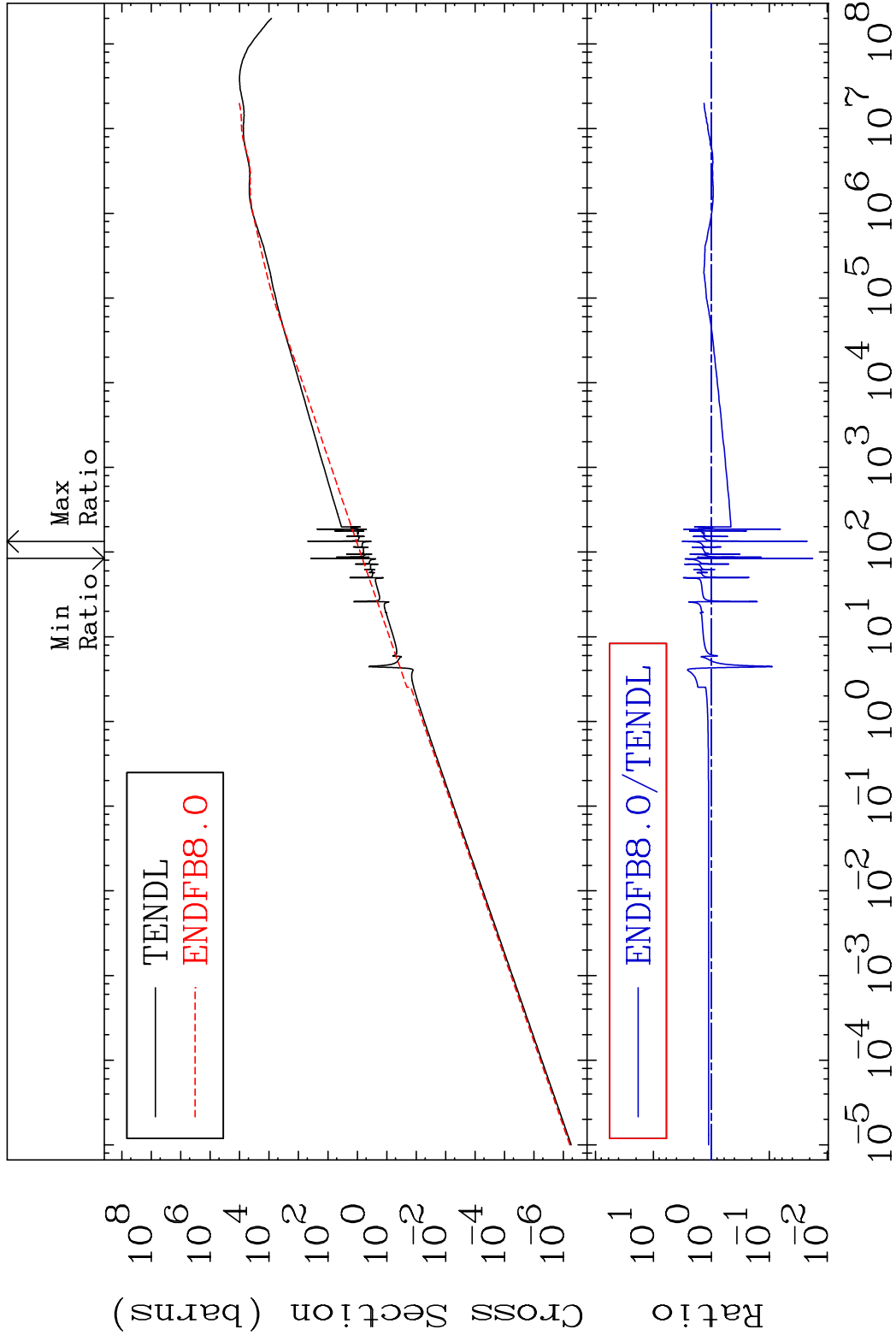
Kerma total (eV-barns) 51-Sb-124
Cross Section 723.7 To 9999. %



MAT 5134

Kerma elastic
Cross Section

51-Sb-124
-98.22 To 216.6 %

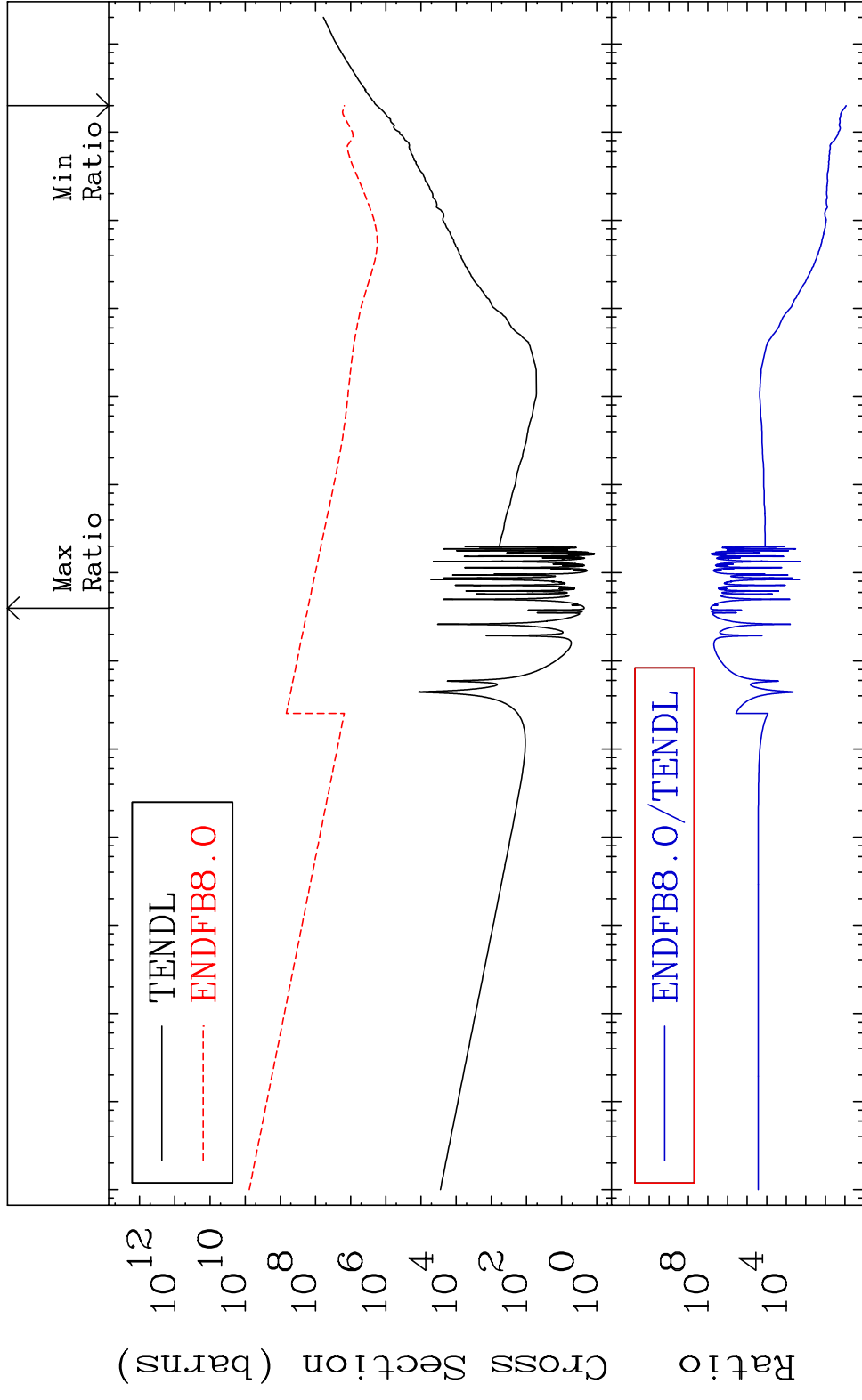


22

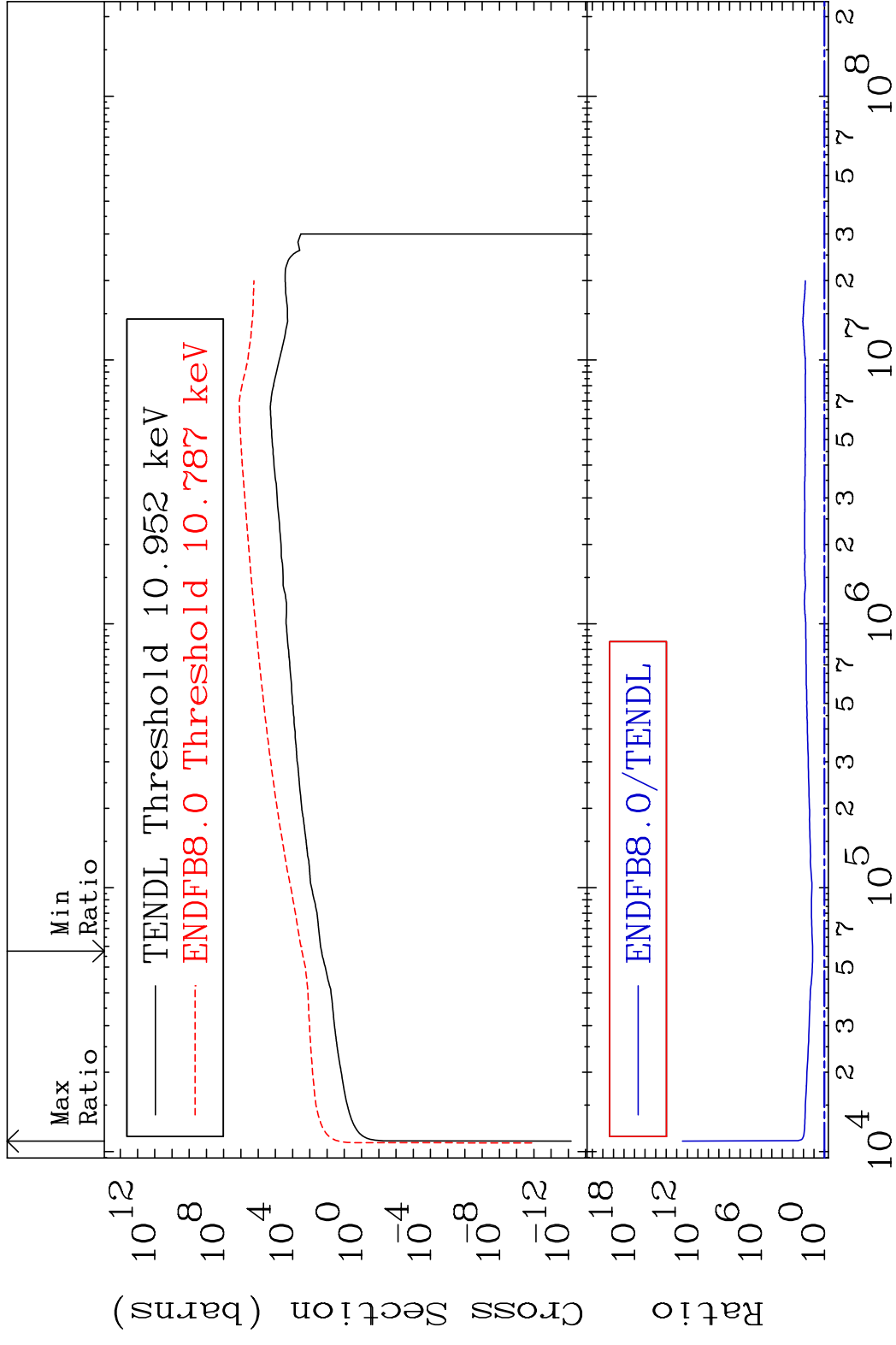
Incident Energy (eV)

51-Sb-124

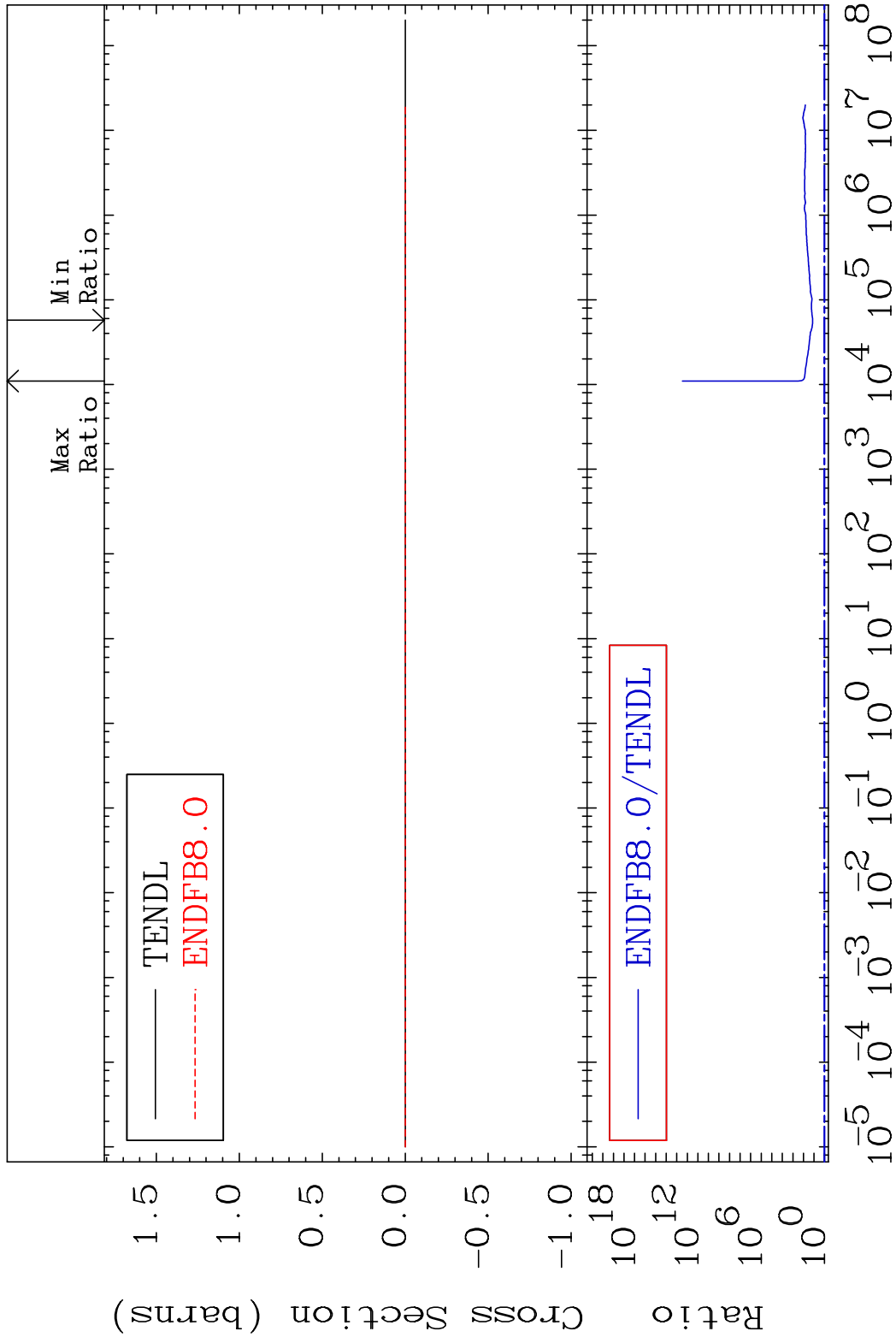
MAT 5134 Kerma non-elastic (all but mt2) 51-Sb-124
 Cross Section 753.4 To 9999. %

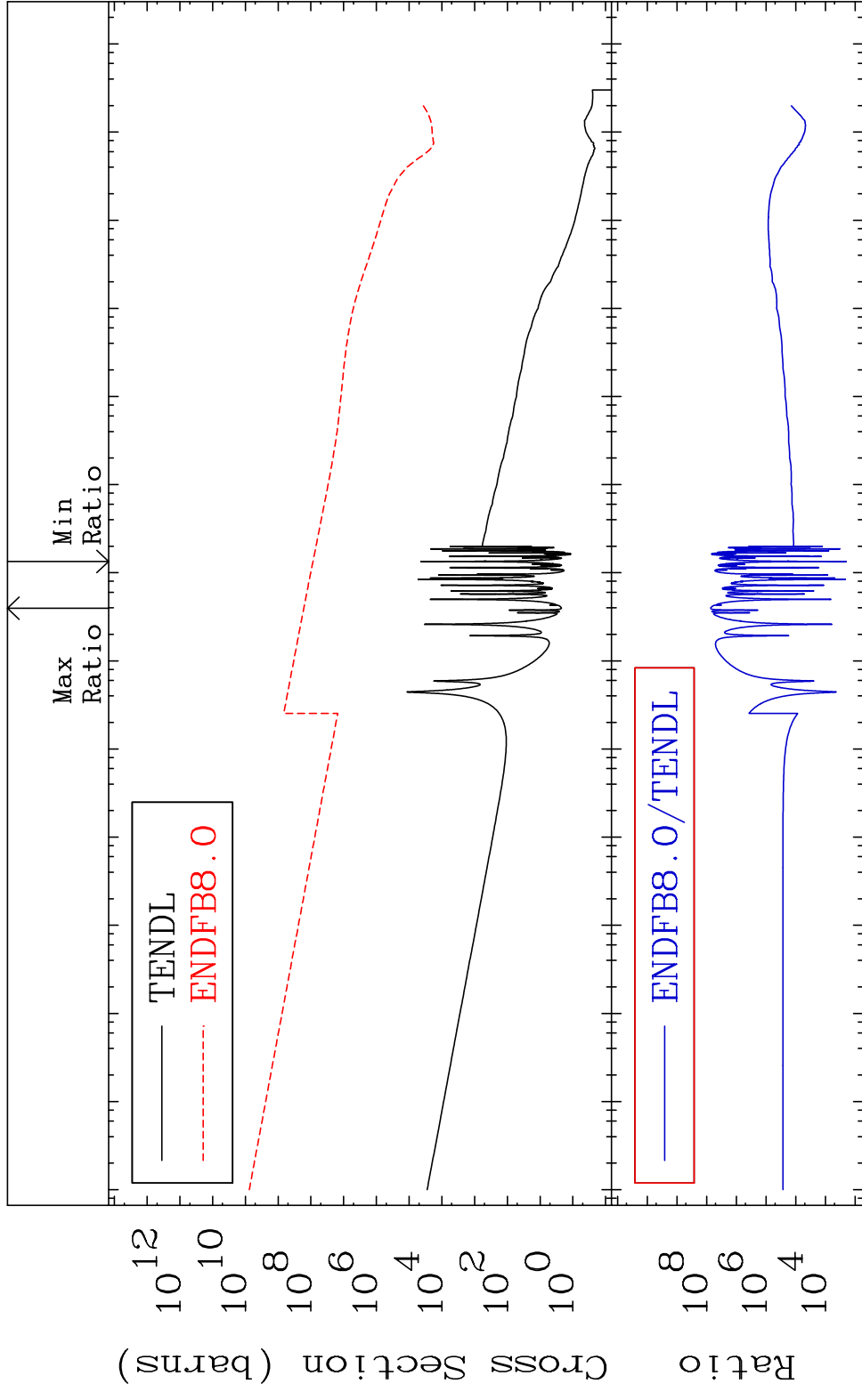


MAT 5134 Kerma inelastic (mt51-91) 51-Sb-124
 Cross Section 1271. To 9999. %

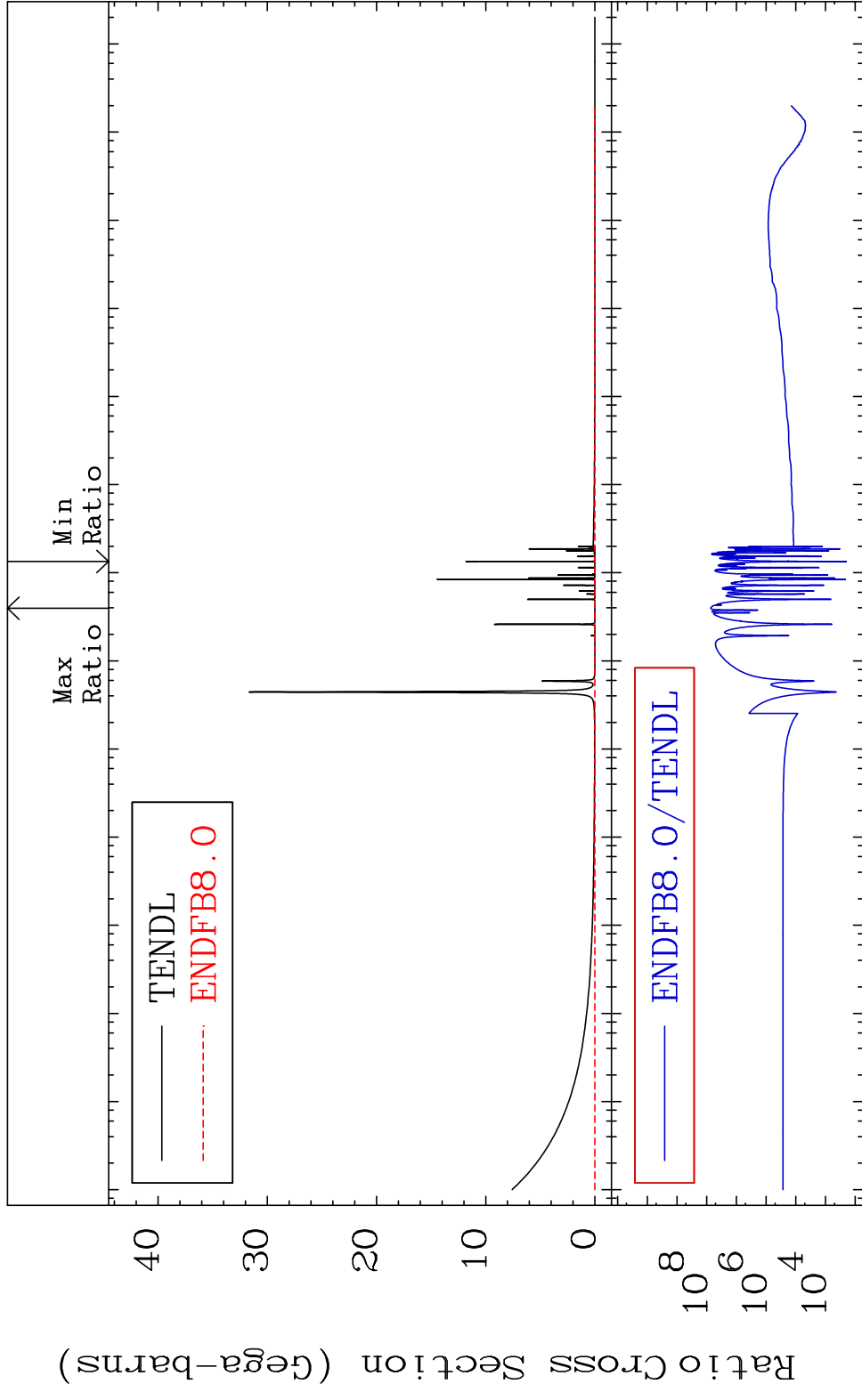


MAT 5134 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-124
 Cross Section 1271. To 9999. %

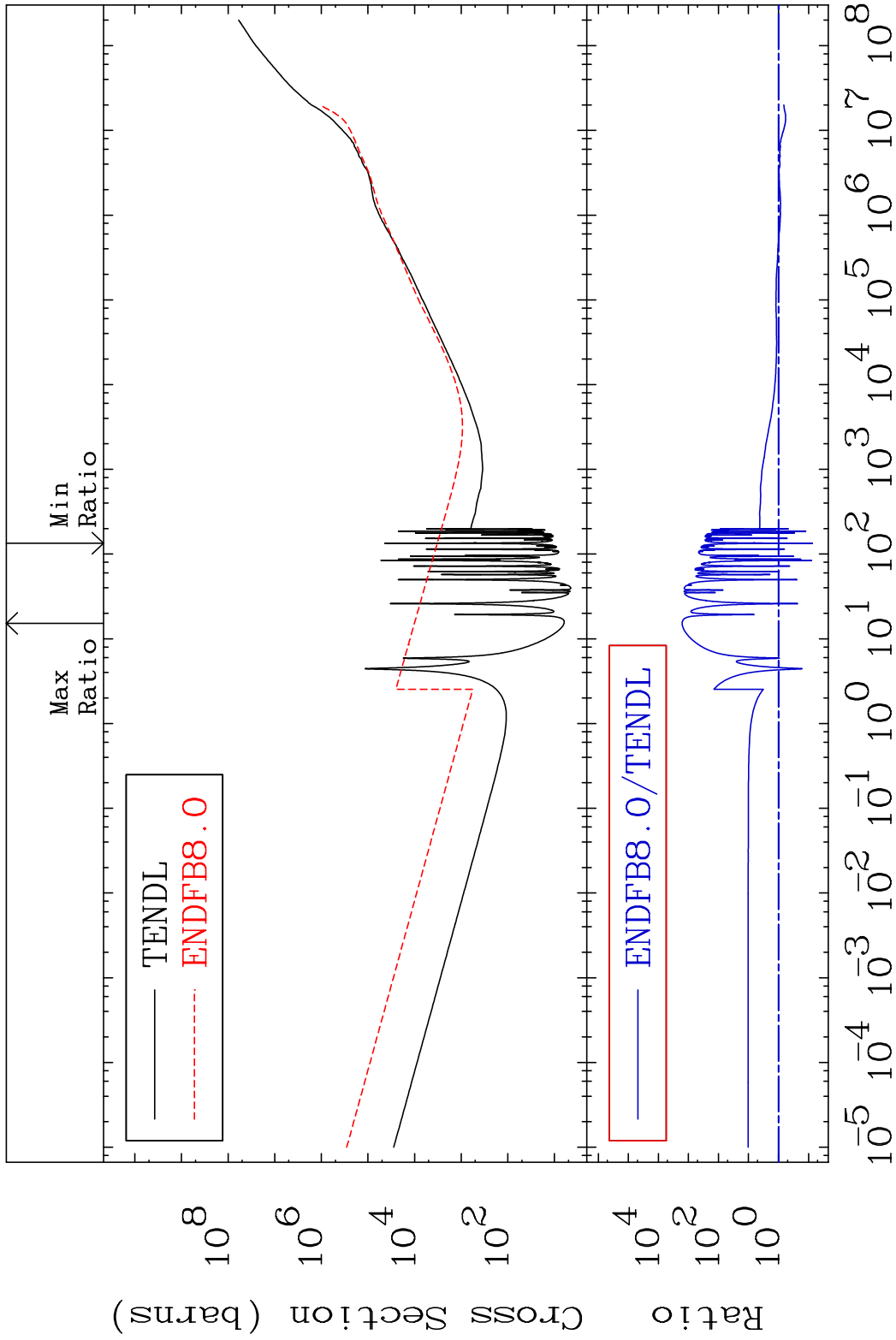




MAT 5134 Total photon (eV-barns) 51-Sb-124
 Cross Section 9999. To 9999. %



MAT 5134 Total kinematic kerma (high limit) 51-Sb-124
 Cross Section -92.59 To 9999. %

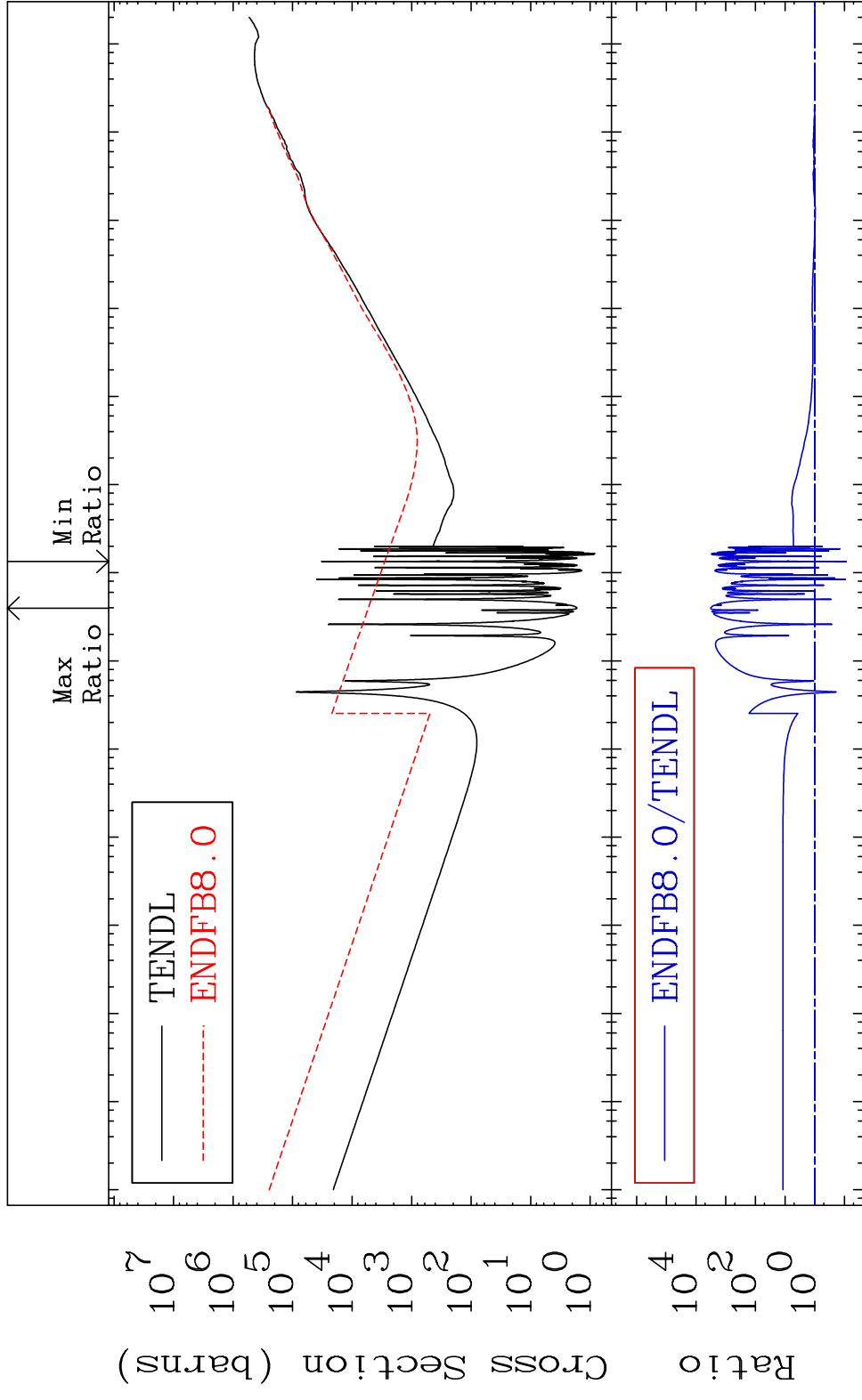


MAT 5134

Dpa total (eV-barns)

51-Sb-124

Cross Section -91.26 To 9999. %

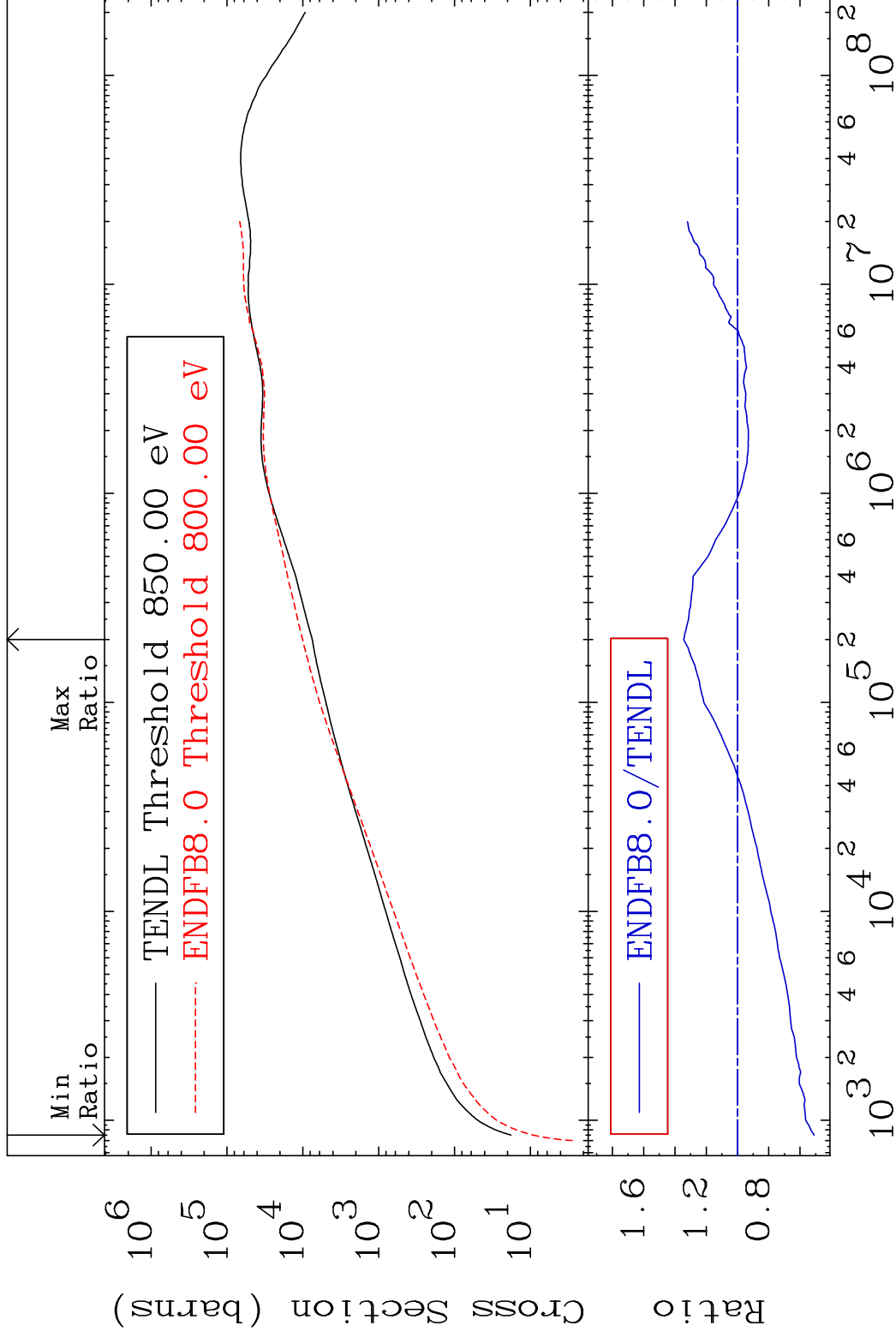


MAT 5134

Dpa elastic (mt2)

51-Sb-124

Cross Section -48.98 To 34.42 %



30

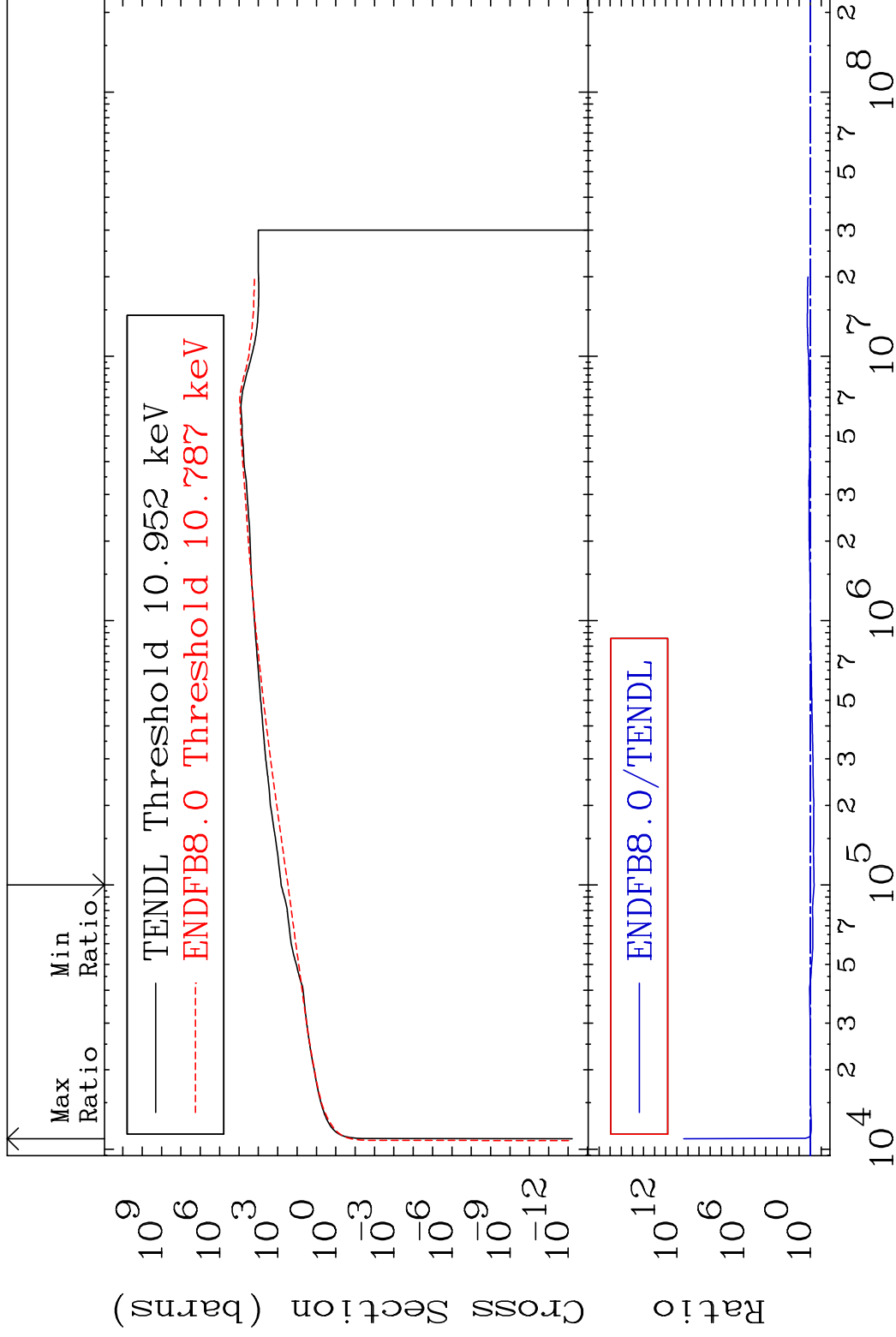
Incident Energy (eV)

51-Sb-124

MAT 5134

Dpa inelastic (mt51-91) 51-Sb-124

Cross Section -55.36 To 9999. %



31

Incident Energy (eV)

51-Sb-124

MAT 5134 Dpa disappearance (mt102 -120) 51-Sb-124
 Cross Section -91.26 To 9999. %

