

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

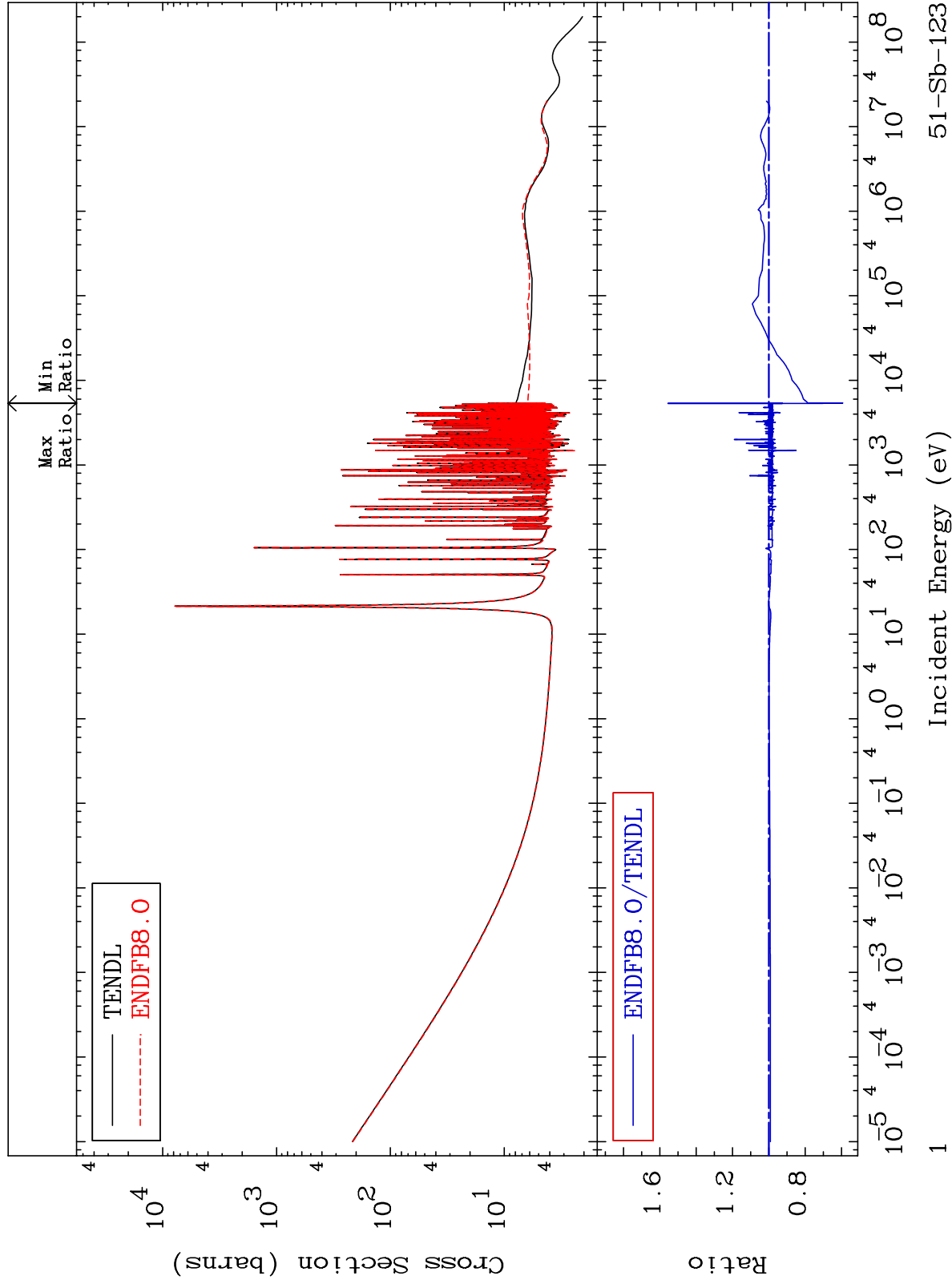
MAT 5131

Total

51-Sb-123

Cross Section

-40.70 To 55.46 %



51-Sb-123

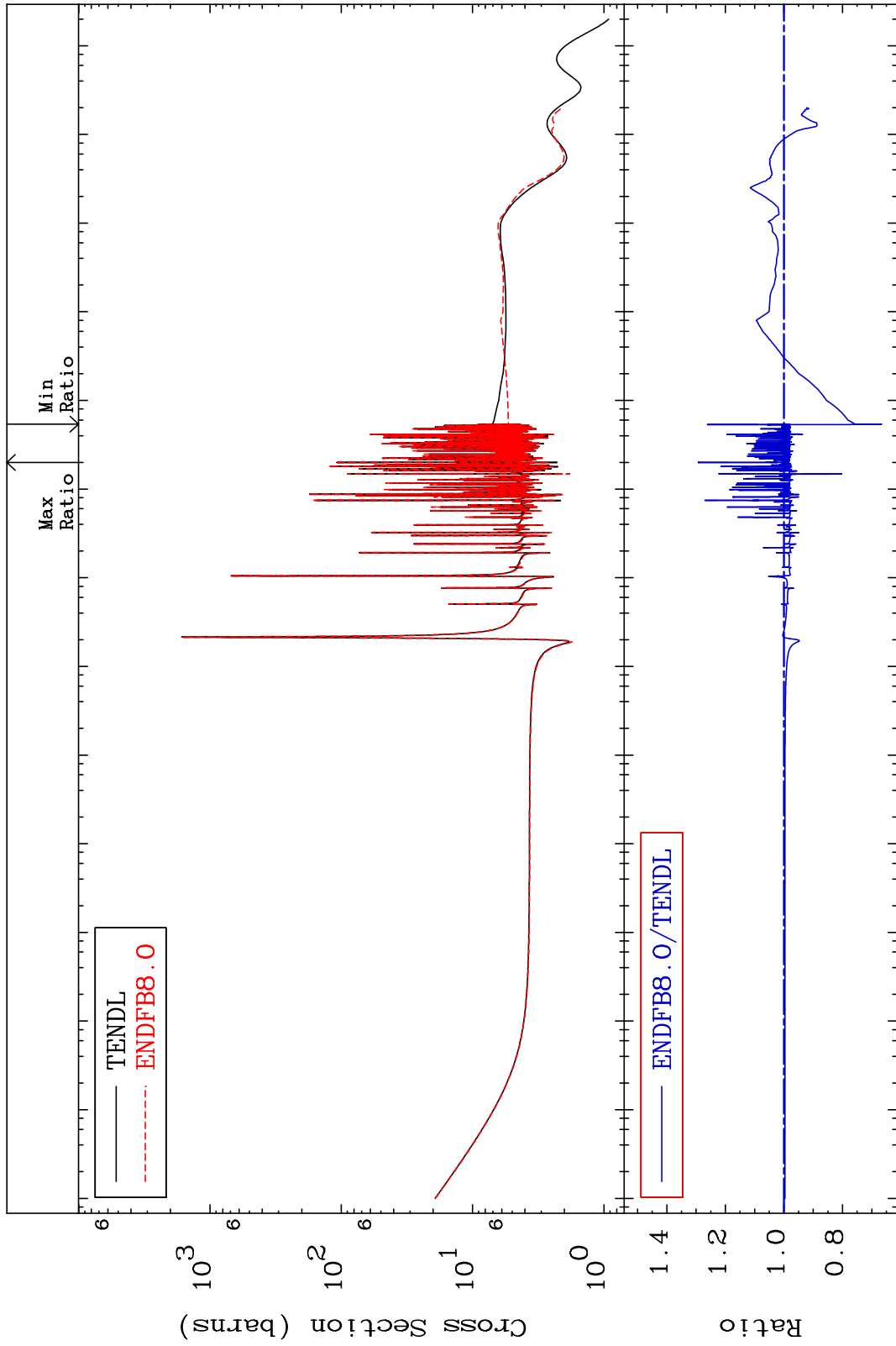
MAT 5131

Elastic

51-Sb-123

Cross Section

-33.33 To 29.24 %



Incident Energy (eV) 51-Sb-123

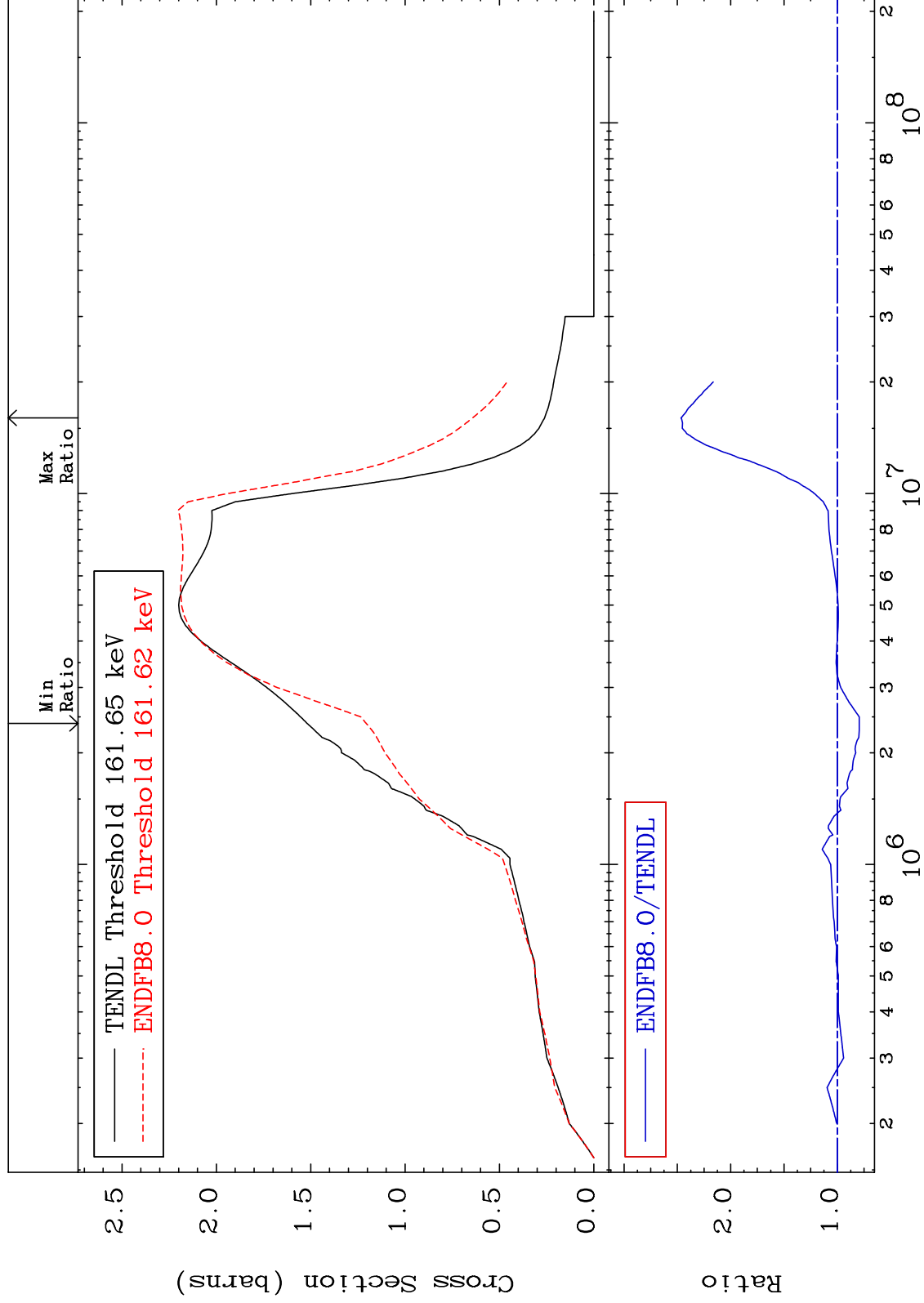
MAT 5131

Inelastic

51-Sb-123

Cross Section

-20.61 To 146.5 %



3

51-Sb-123

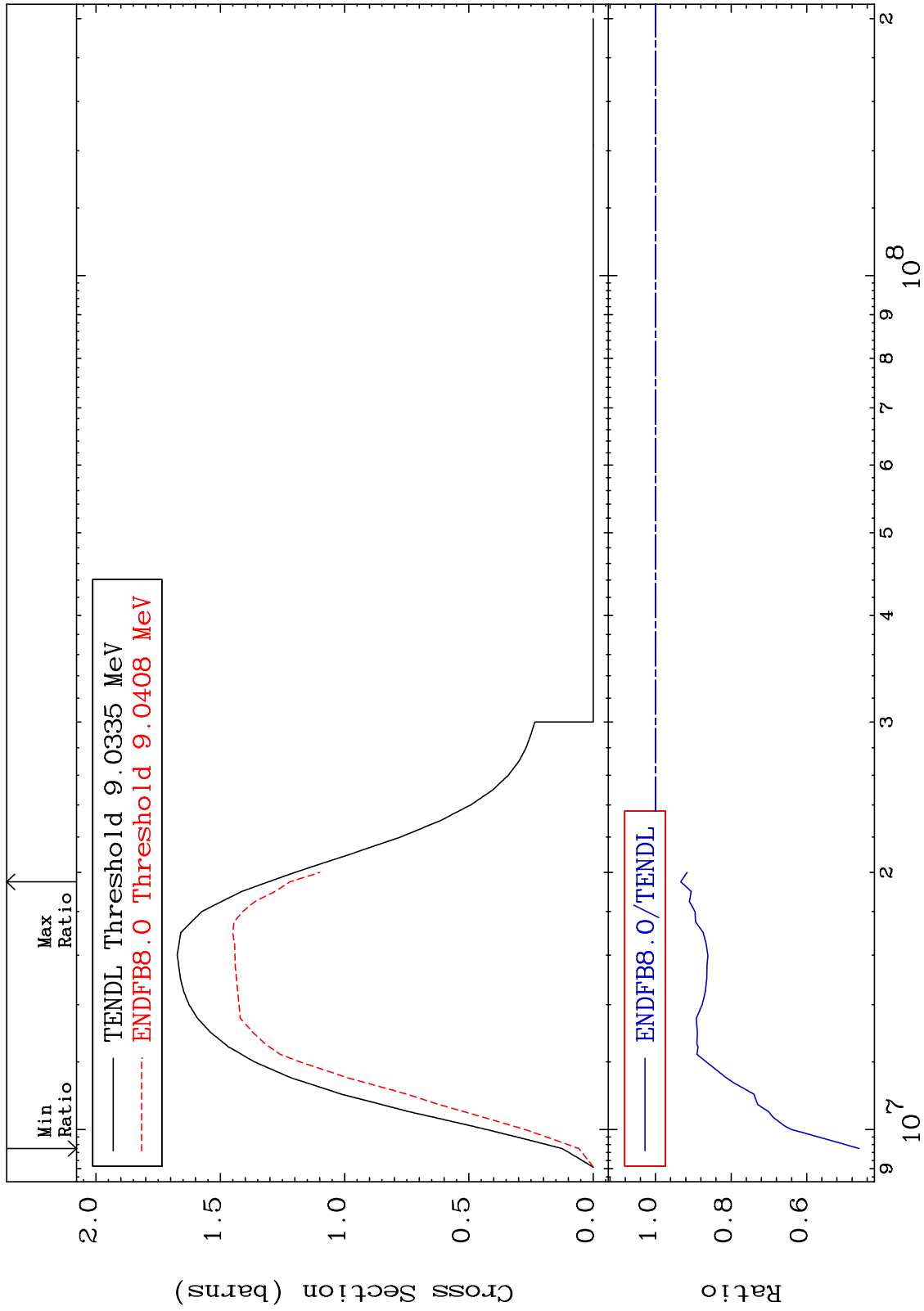
MAT 5131

(n,2n)

51-Sb-123

Cross Section

-53.88 To -6.650%



51-Sb-123

Incident Energy (eV)

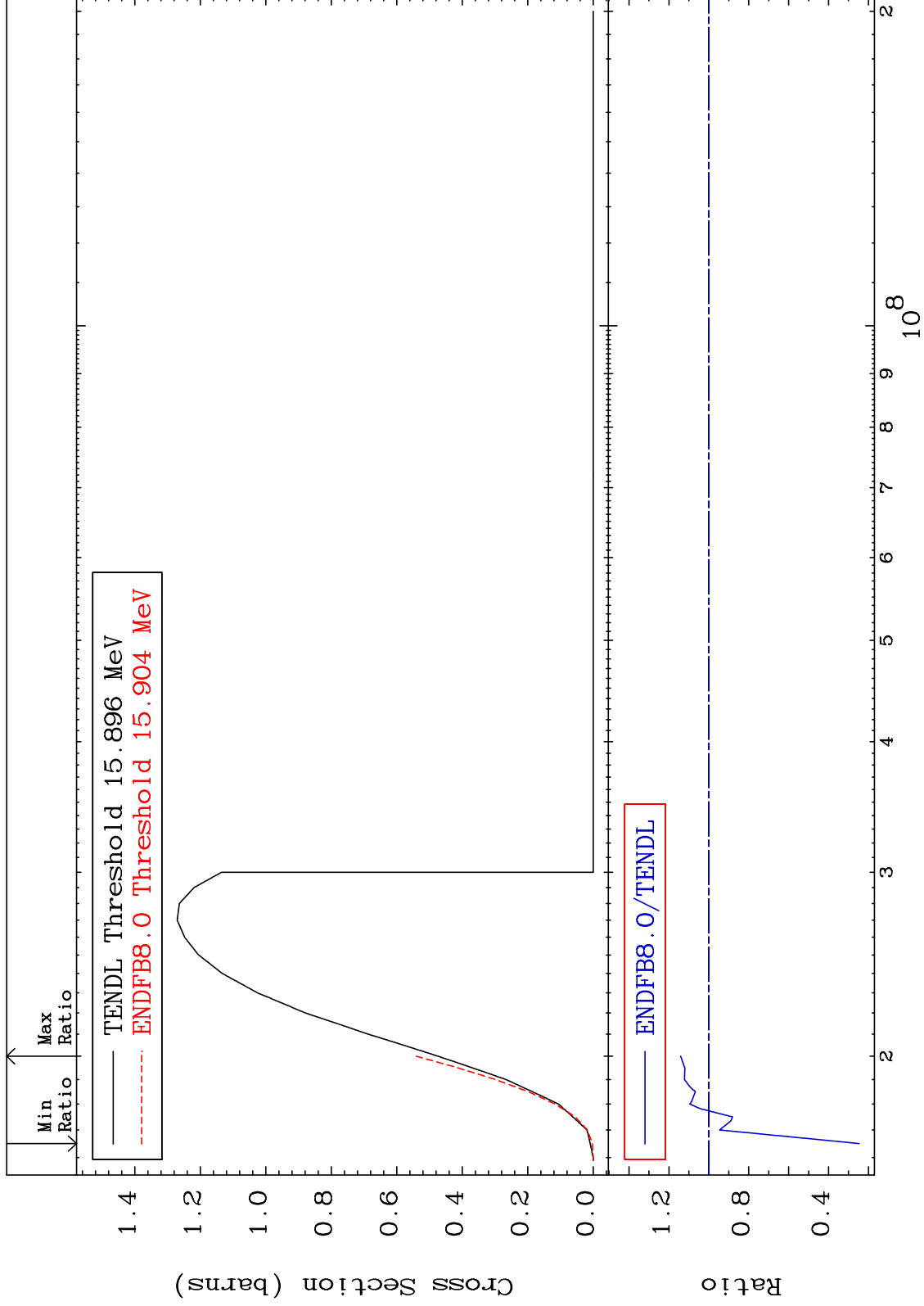
MAT 5131

(n,3n)

51-Sb-123

Cross Section

-75.34 To 14.13 %



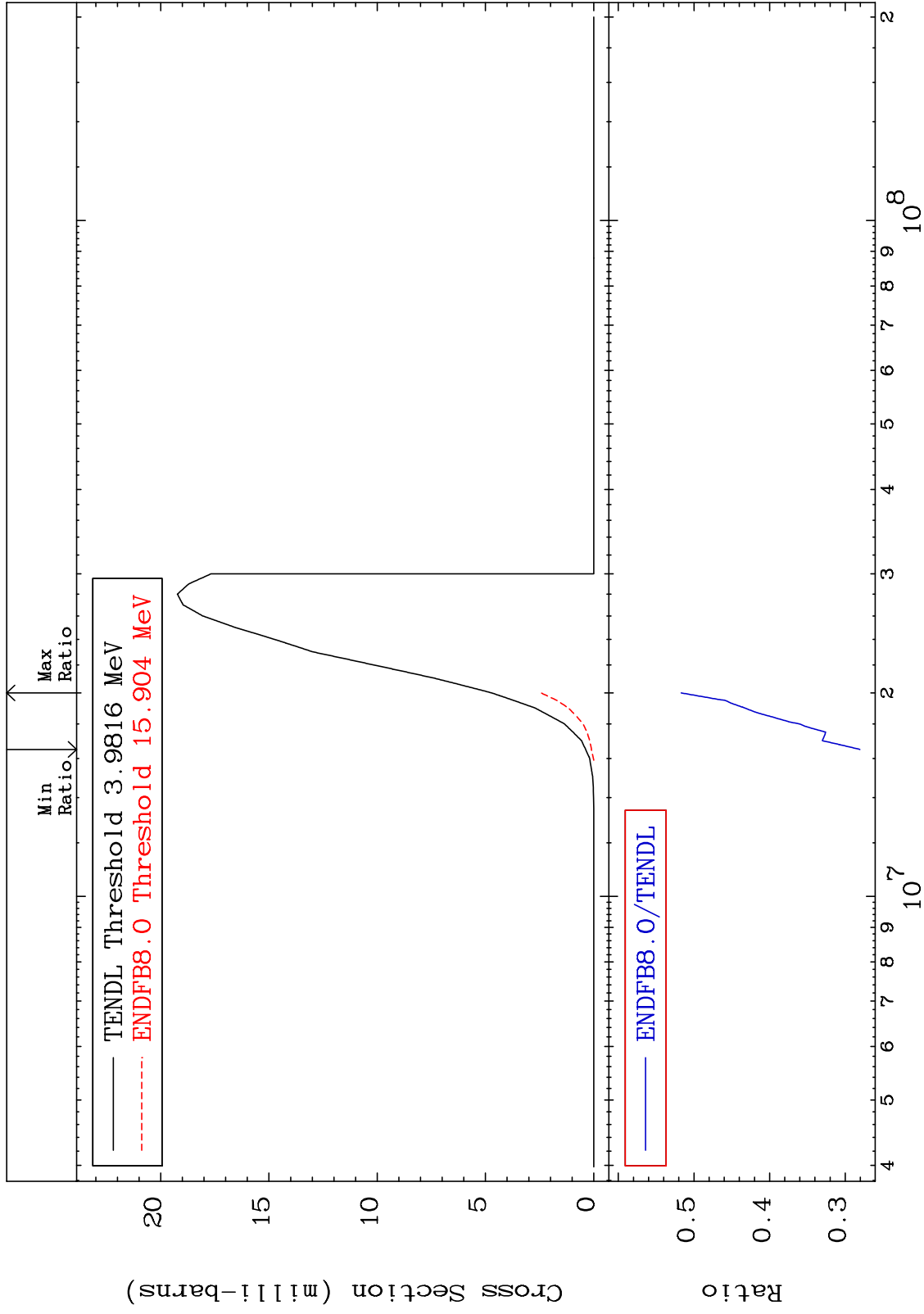
MAT 5131

(n,n') α

51-Sb-123

-71.94 To -48.32%

Cross Section



6

Incident Energy (eV)

51-Sb-123

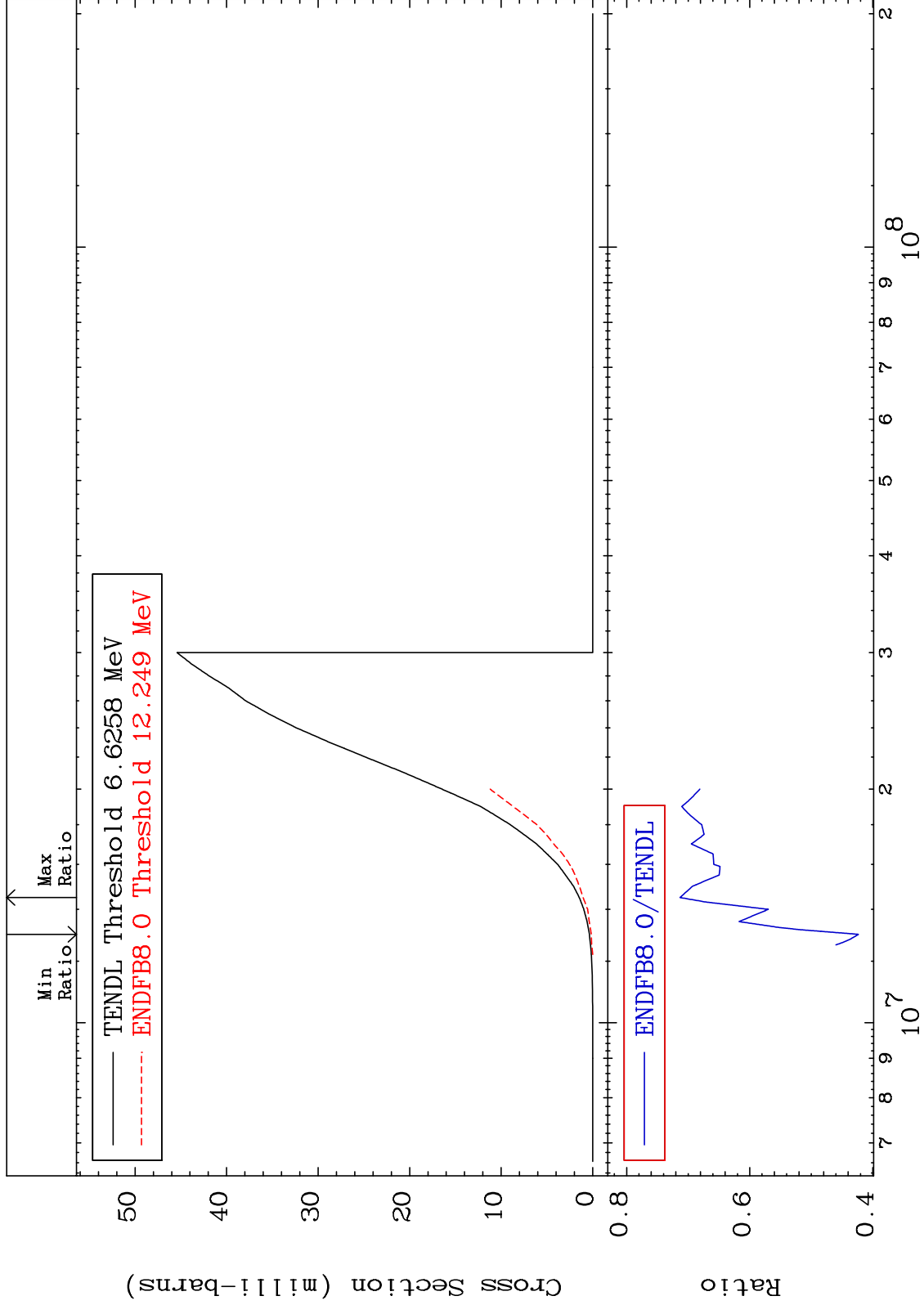
MAT 5131

(n,n') p

51-Sb-123

Cross Section

-57.66 To -28.67%



51-Sb-123

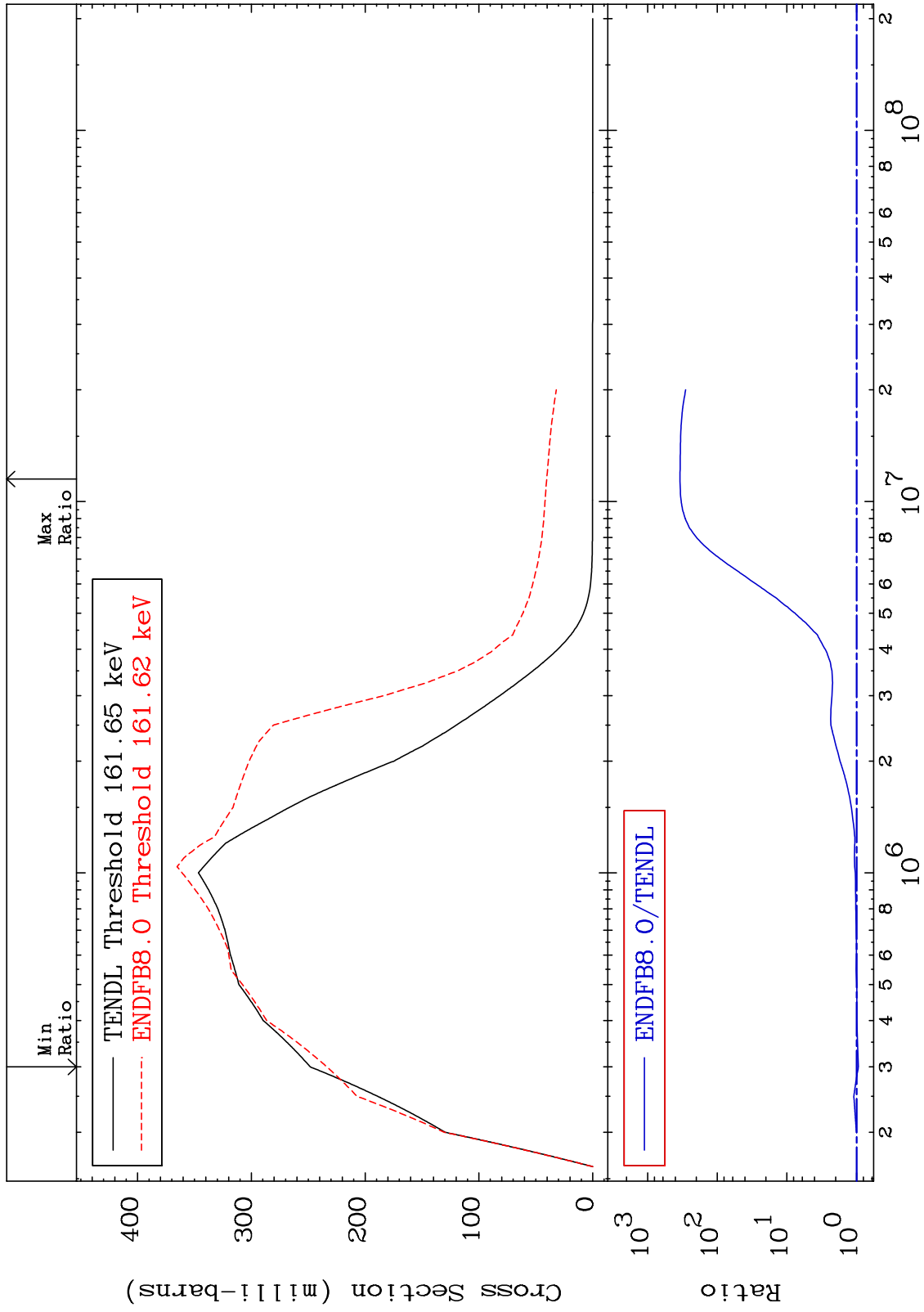
Incident Energy (eV)

7

MAT 5131

MT= 51 (n,n') Level
Cross Section

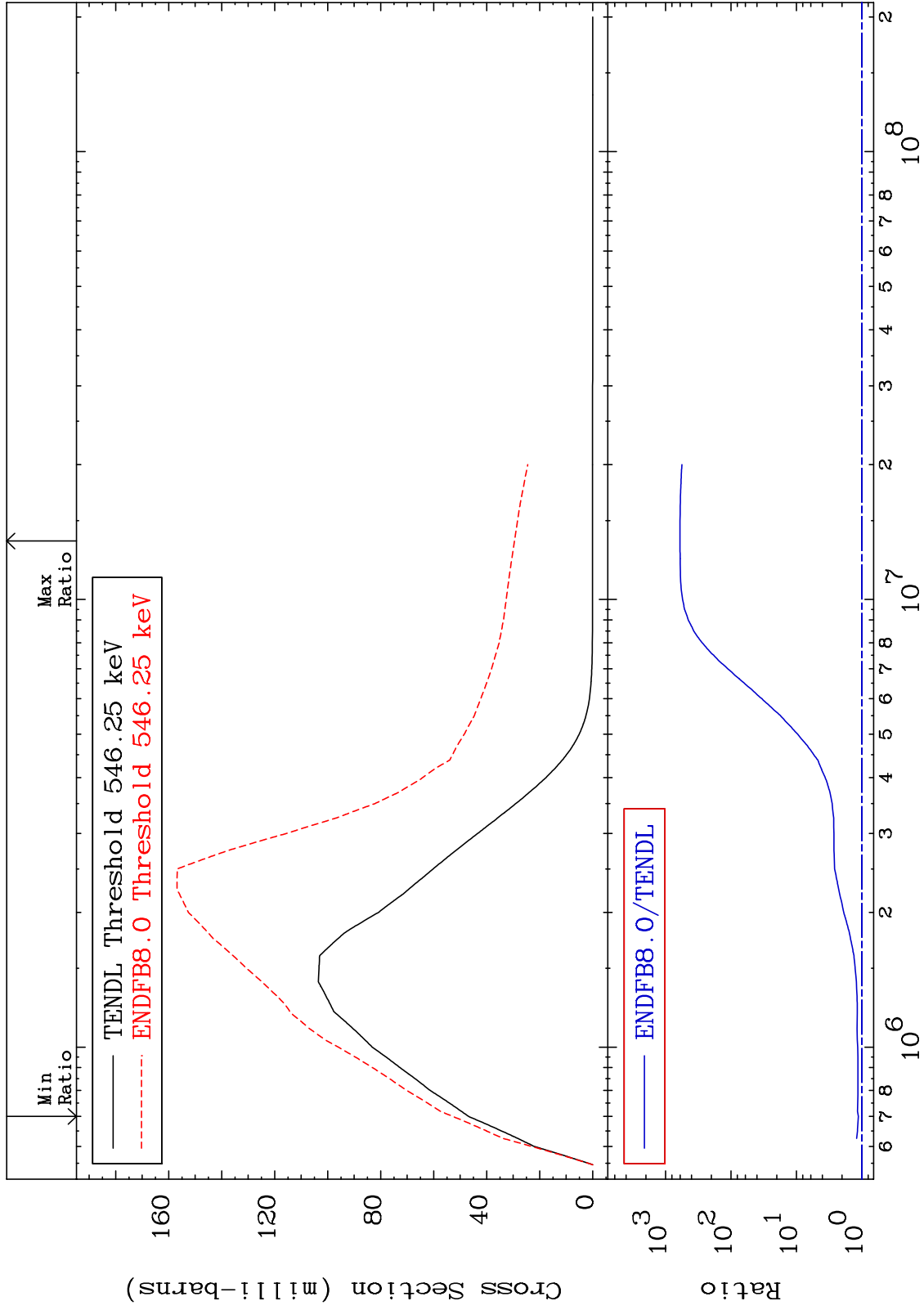
51-Sb-123
-5.885 To 9999. %



MAT 5131

MT= 52 (n,n') Level
Cross Section

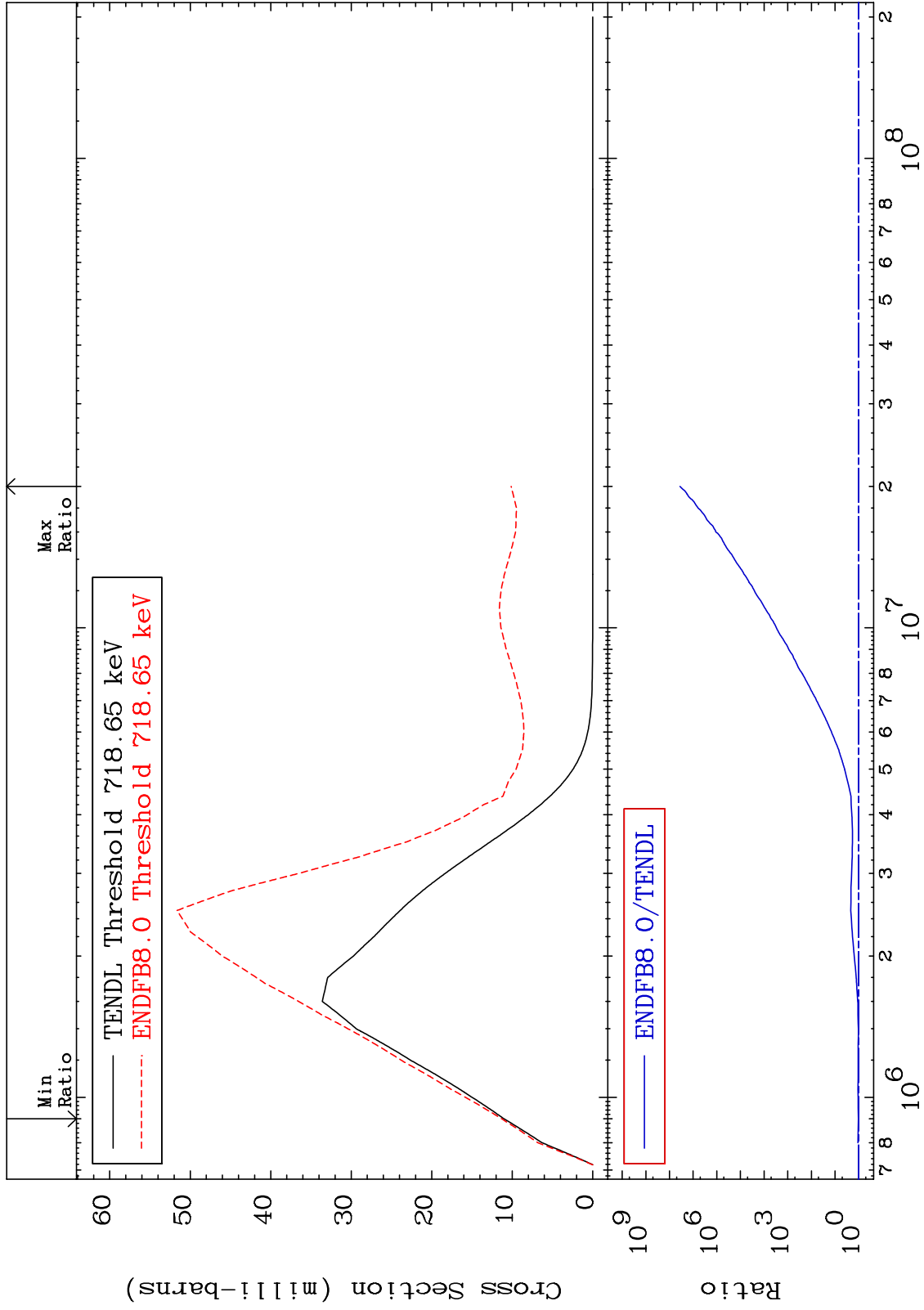
12.61 To 9999. %
51-Sb-123



MAT 5131

MT= 53 (n,n') Level
Cross Section

51-Sb-123
2.557 To 9999. %

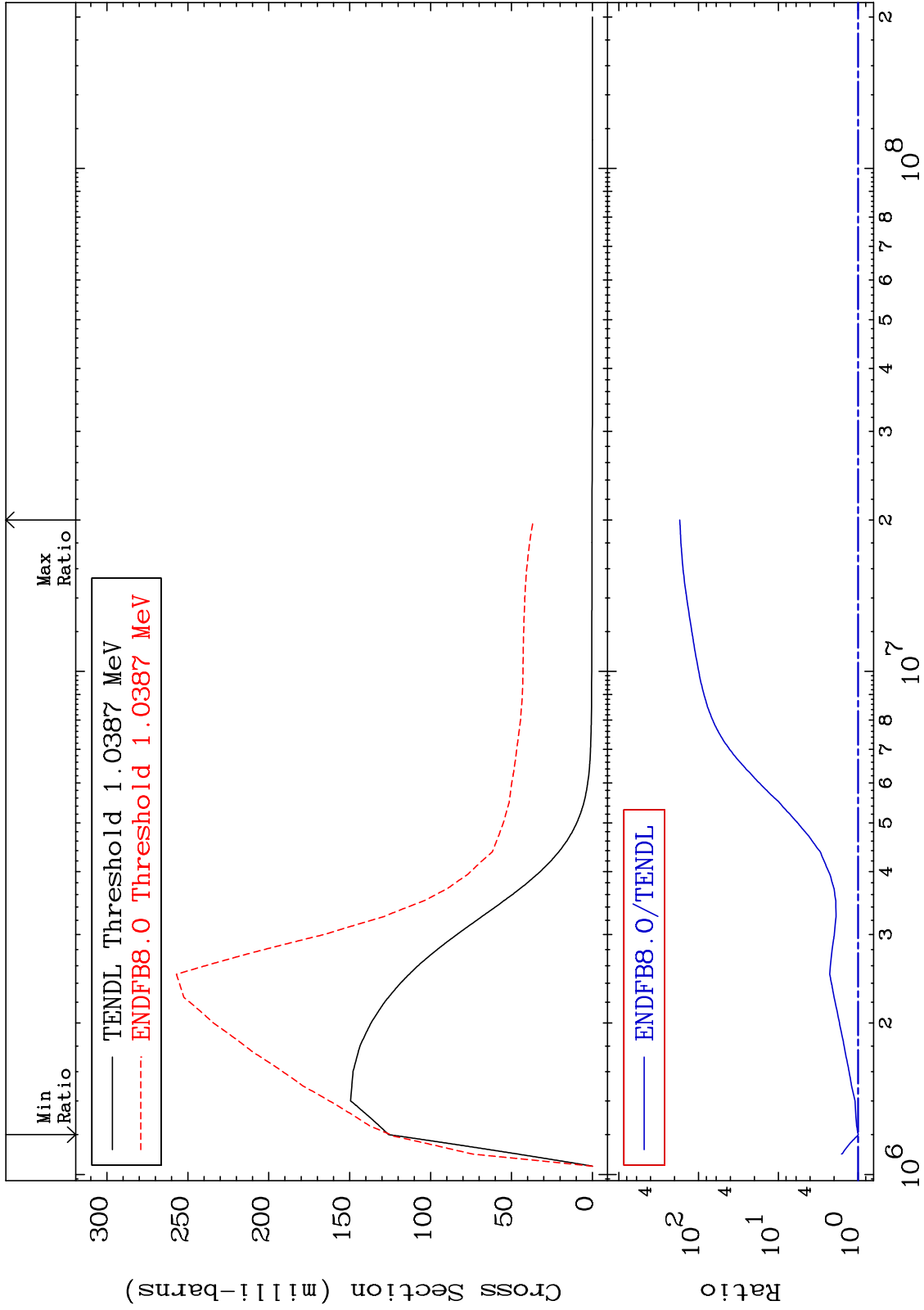


10 Incident Energy (eV) 51-Sb-123

MAT 5131

MT= 54 (n,n') Level
Cross Section

51-Sb-123
-0.885 To 9999. %



11

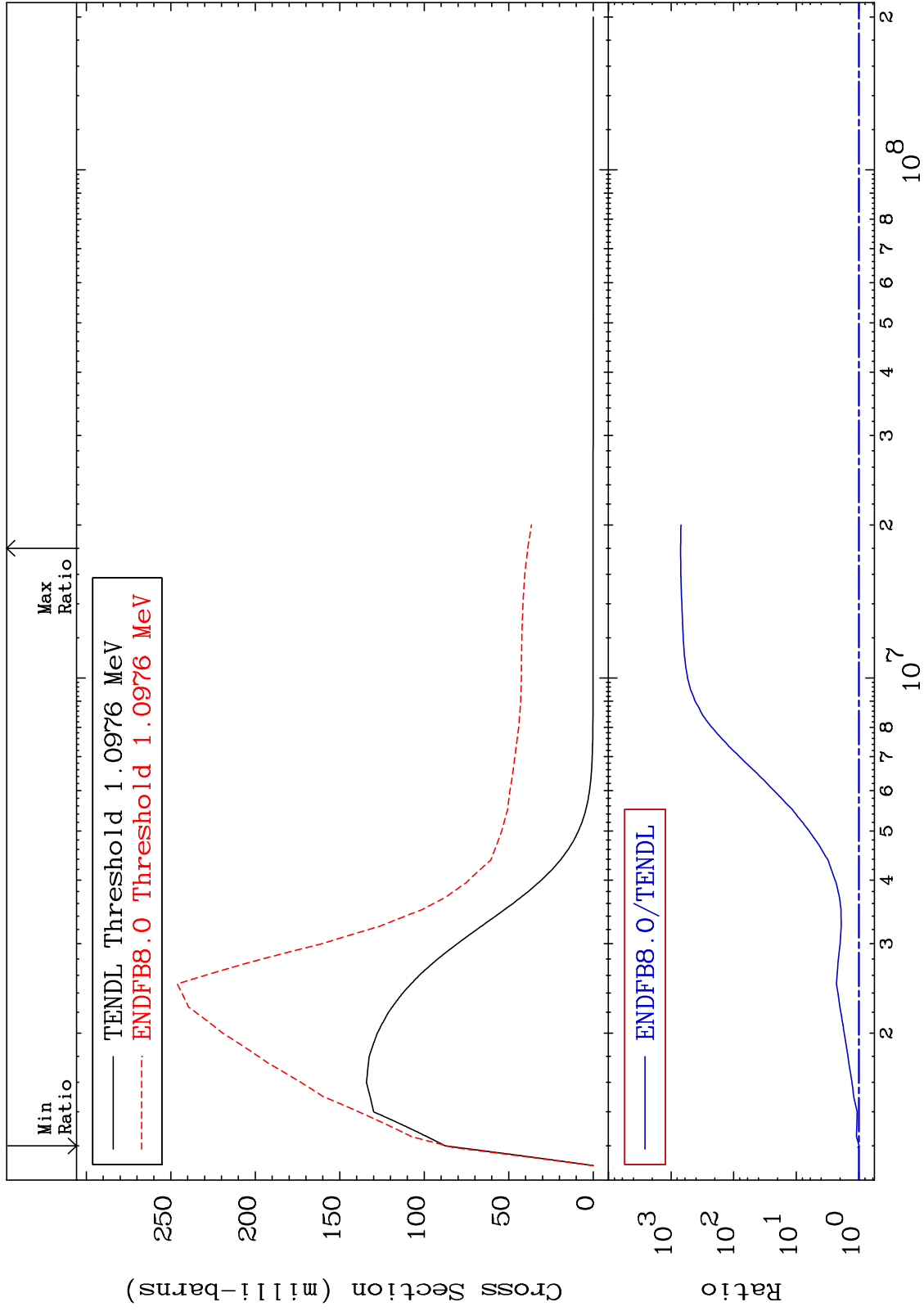
Incident Energy (eV)

51-Sb-123

MAT 5131

MT= 55 (n,n') Level
Cross Section

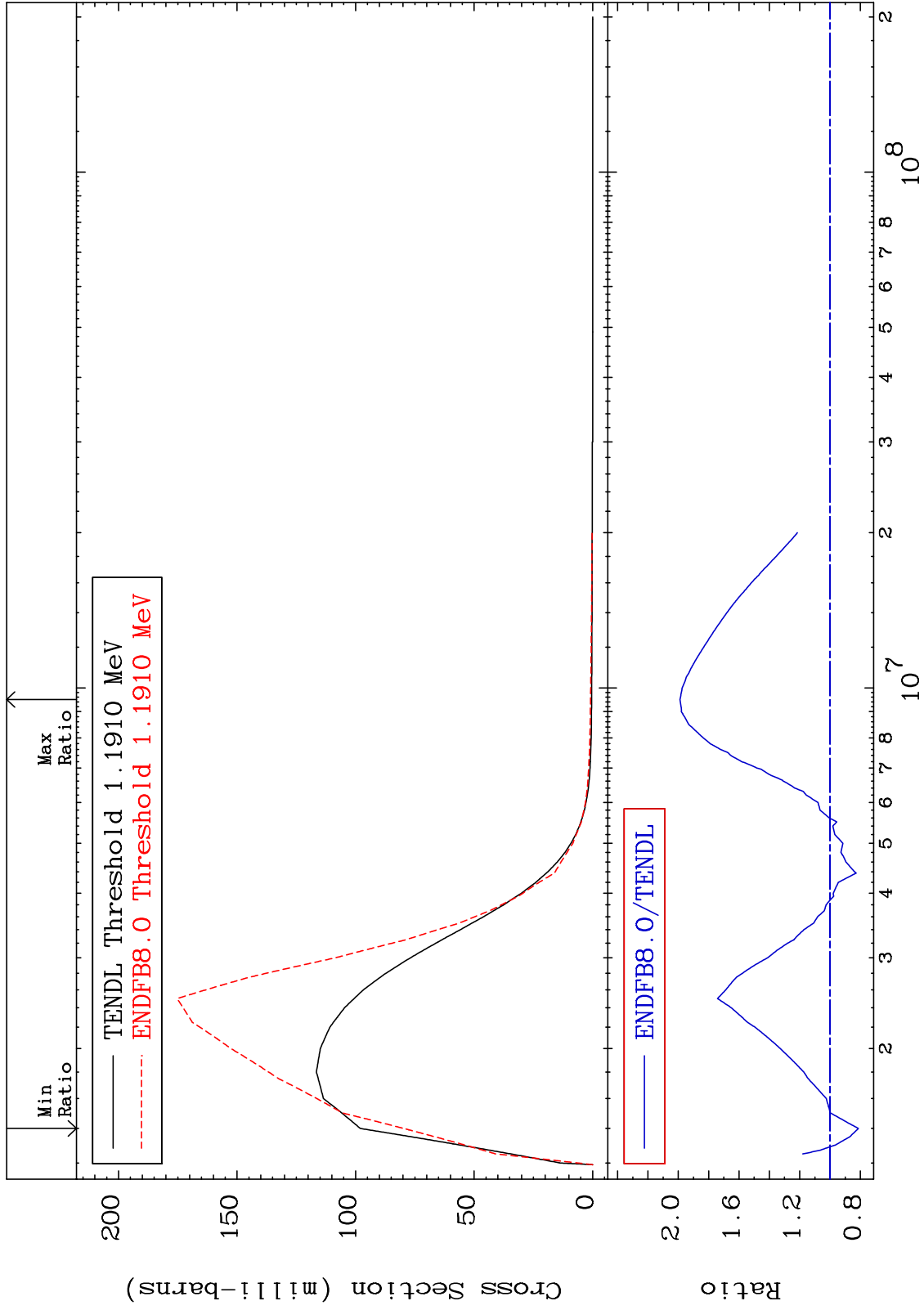
51-Sb-123
-1.029 To 9999. %



MAT 5131

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

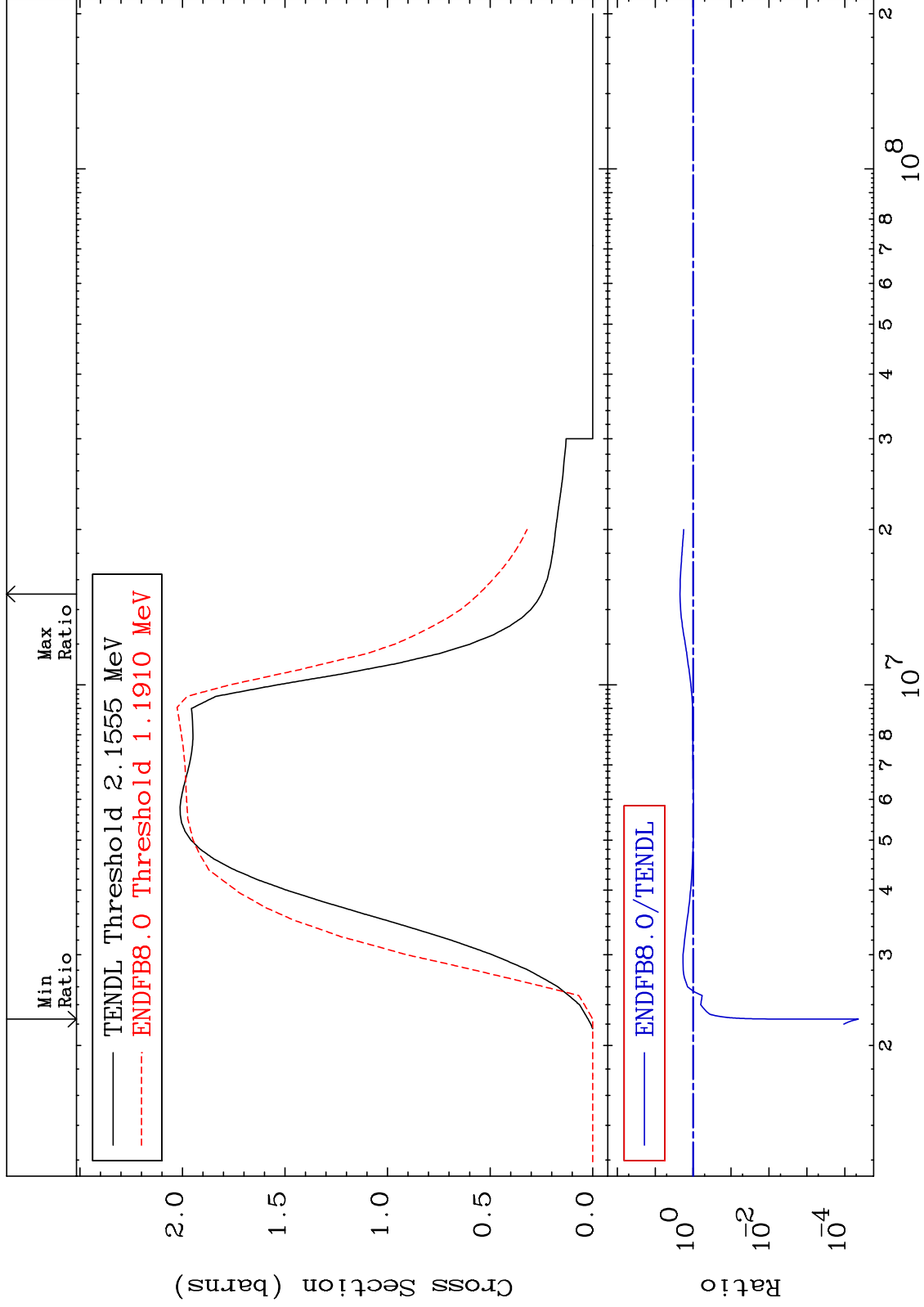
51-Sb-123
-18.70 To 98.86 %



MAT 5131

(n, n') Continuum
Cross Section

51-Sb-123
-100.0 To 121.9 %



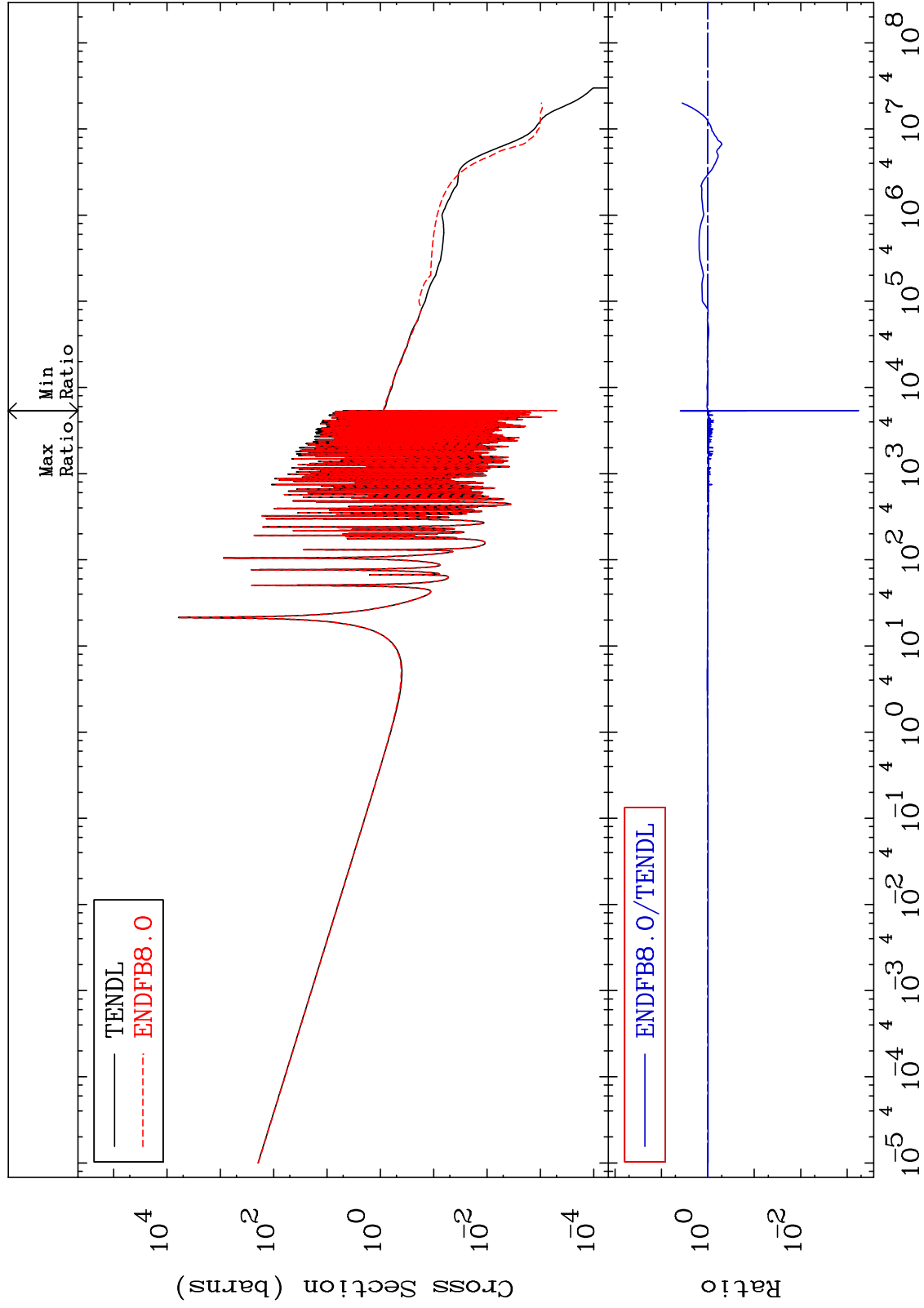
MAT 5131

(n, γ)

51-Sb-123

Cross Section

-99.94 To 289.9 %



15

Incident Energy (eV)

51-Sb-123

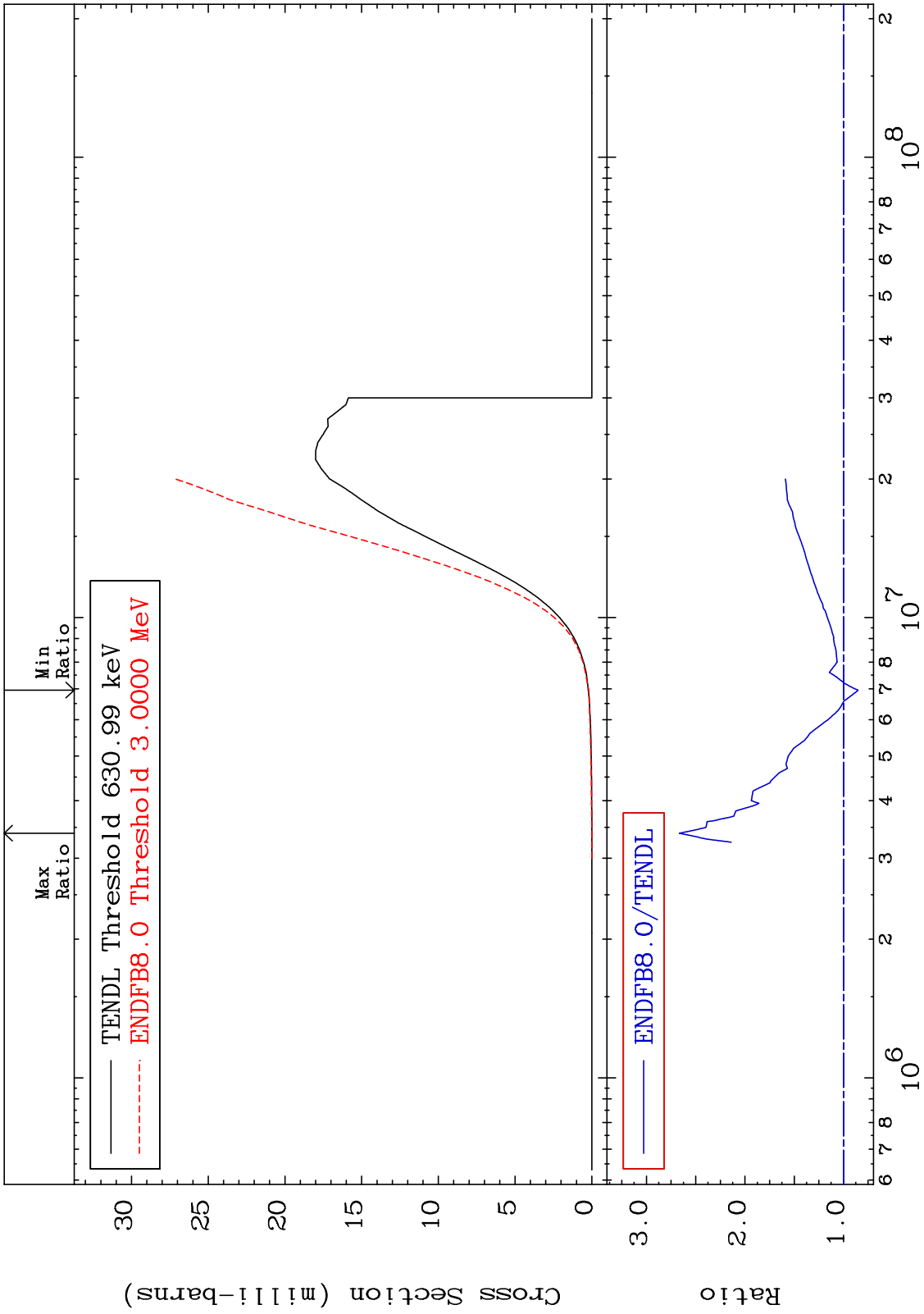
MAT 5131

(n, p)

51-Sb-123

Cross Section

-14.97 To 166.6 %



16

Incident Energy (eV)

51-Sb-123

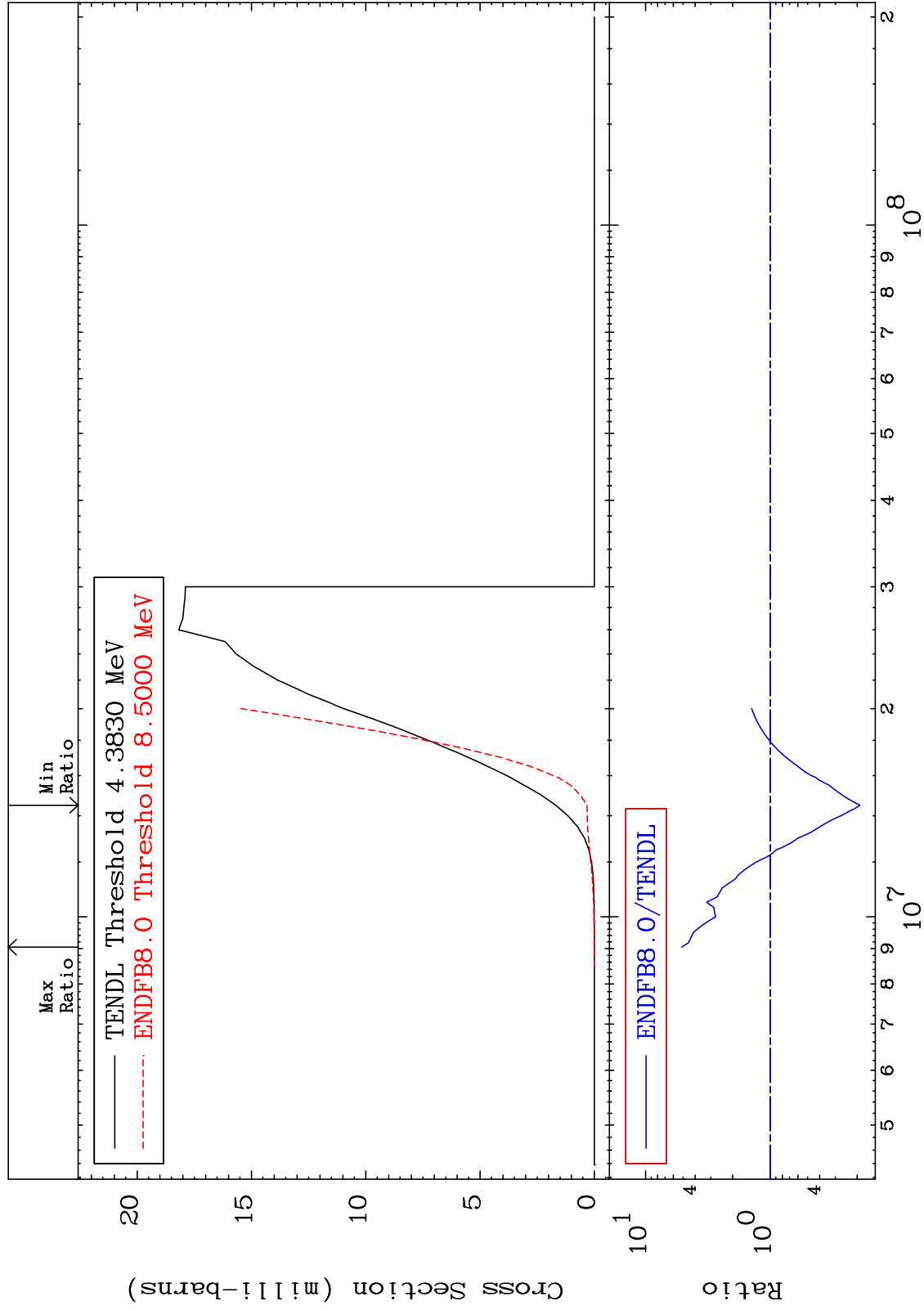
MAT 5131

(n, d)

51-Sb-123

Cross Section

-81.01 To 413.7 %



17

Incident Energy (eV)

51-Sb-123

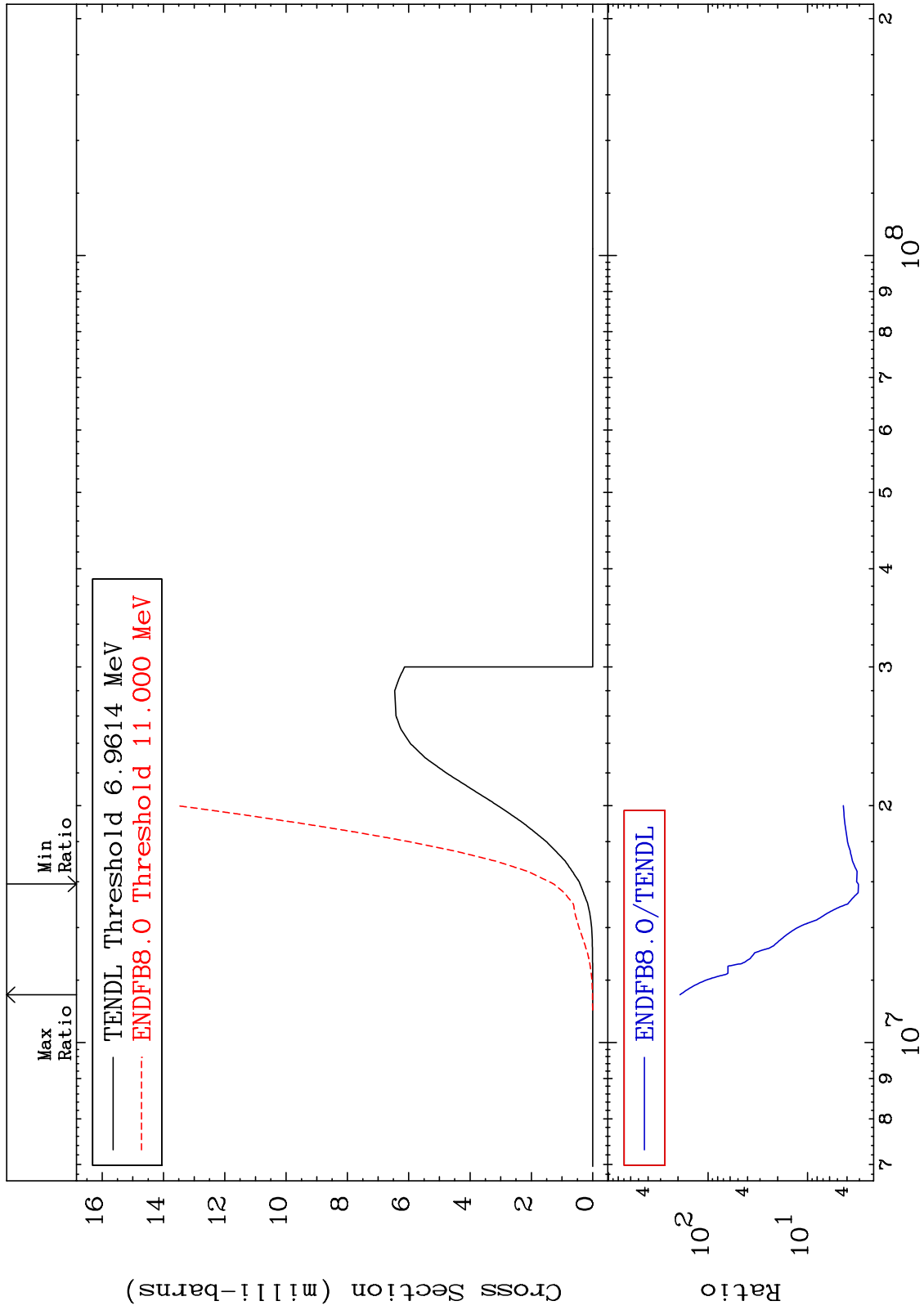
MAT 5131

(n, t)

51-Sb-123

Cross Section

208.1 To 9999. %



18

Incident Energy (eV)

51-Sb-123

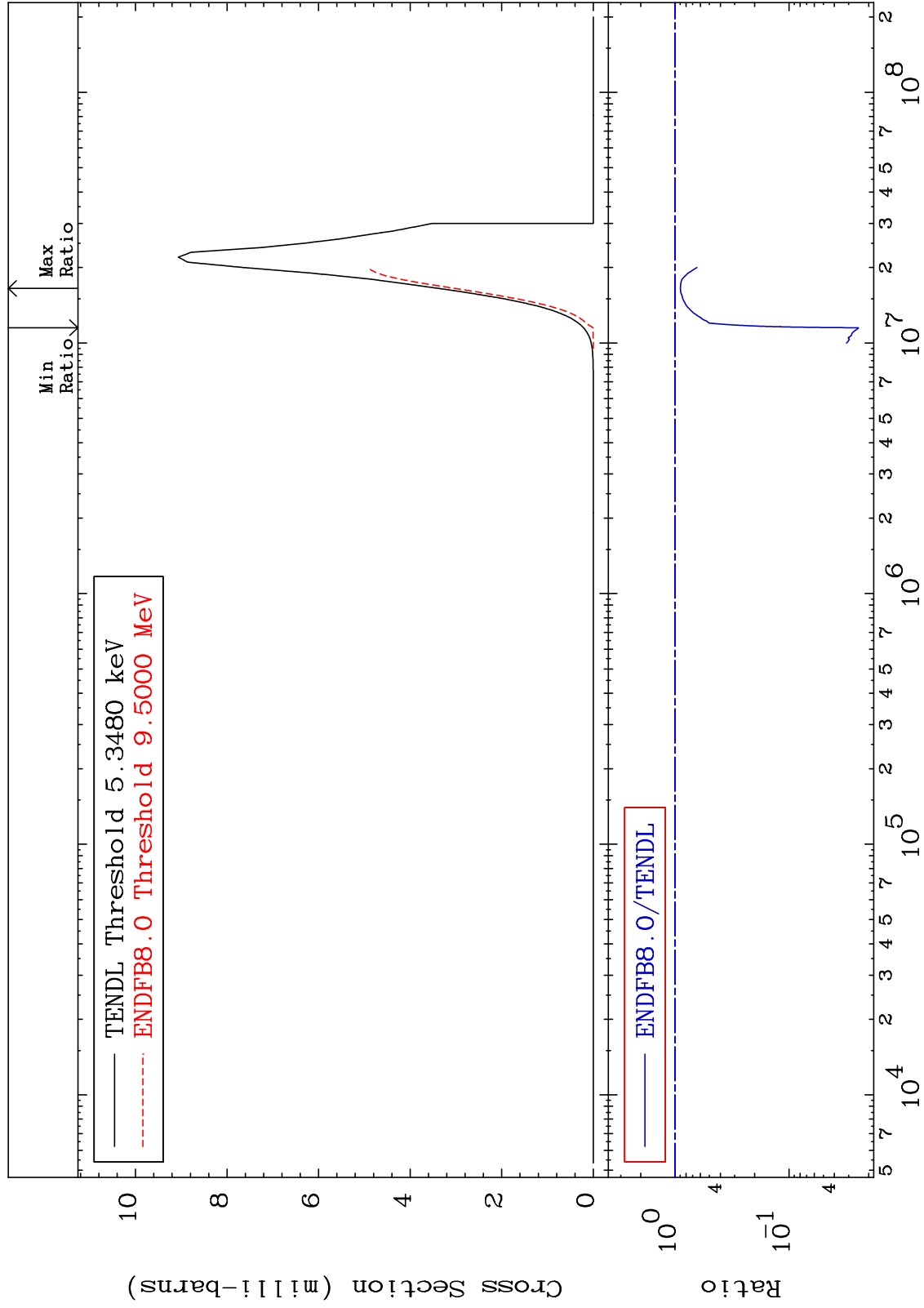
MAT 5131

(n, α)

51-Sb-123

Cross Section

-97.54 To -10.38%



19

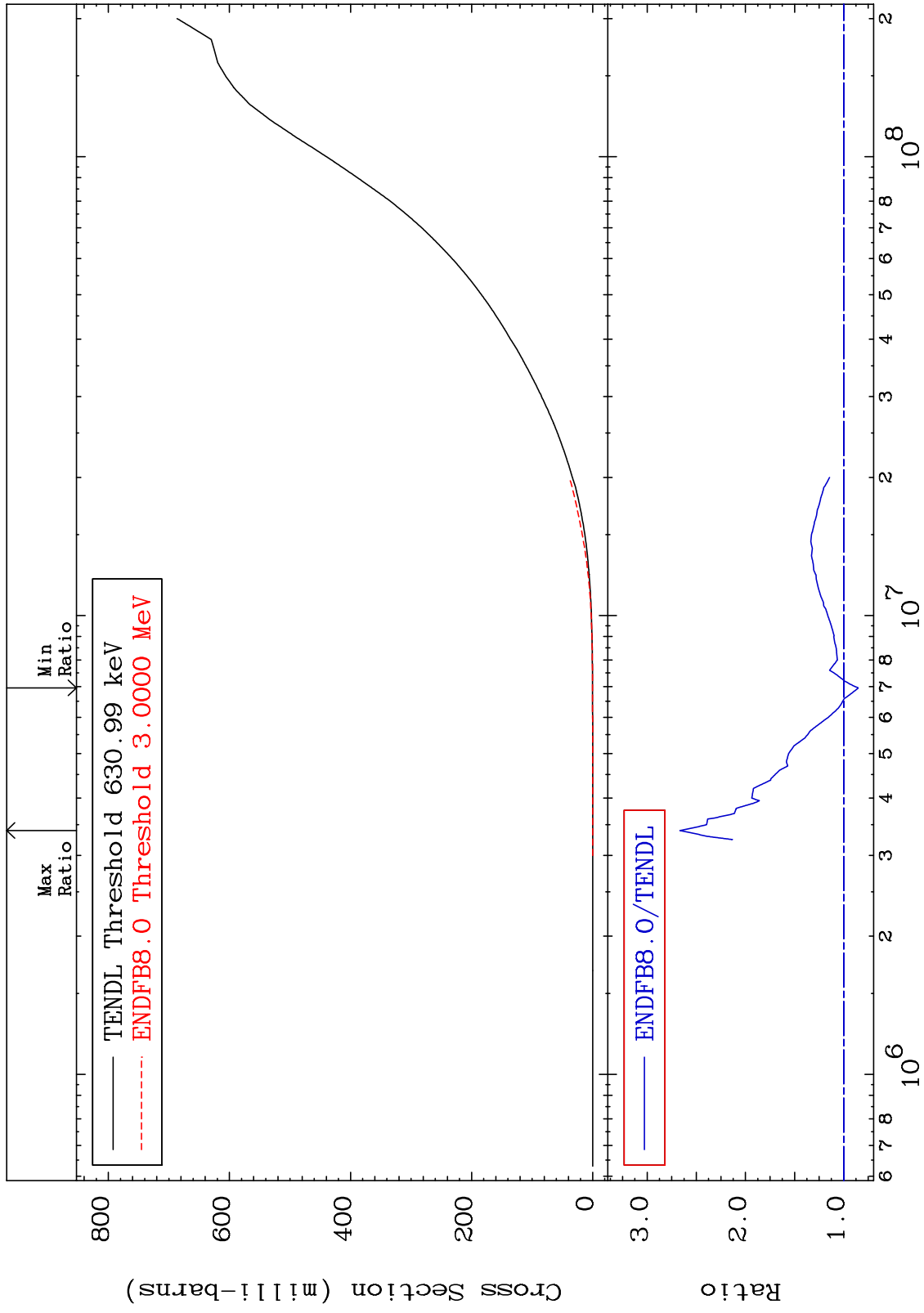
Incident Energy (eV)

51-Sb-123

MAT 5131

Hydrogen Production
Cross Section

51-Sb-123
-14.97 To 166.6 %



20

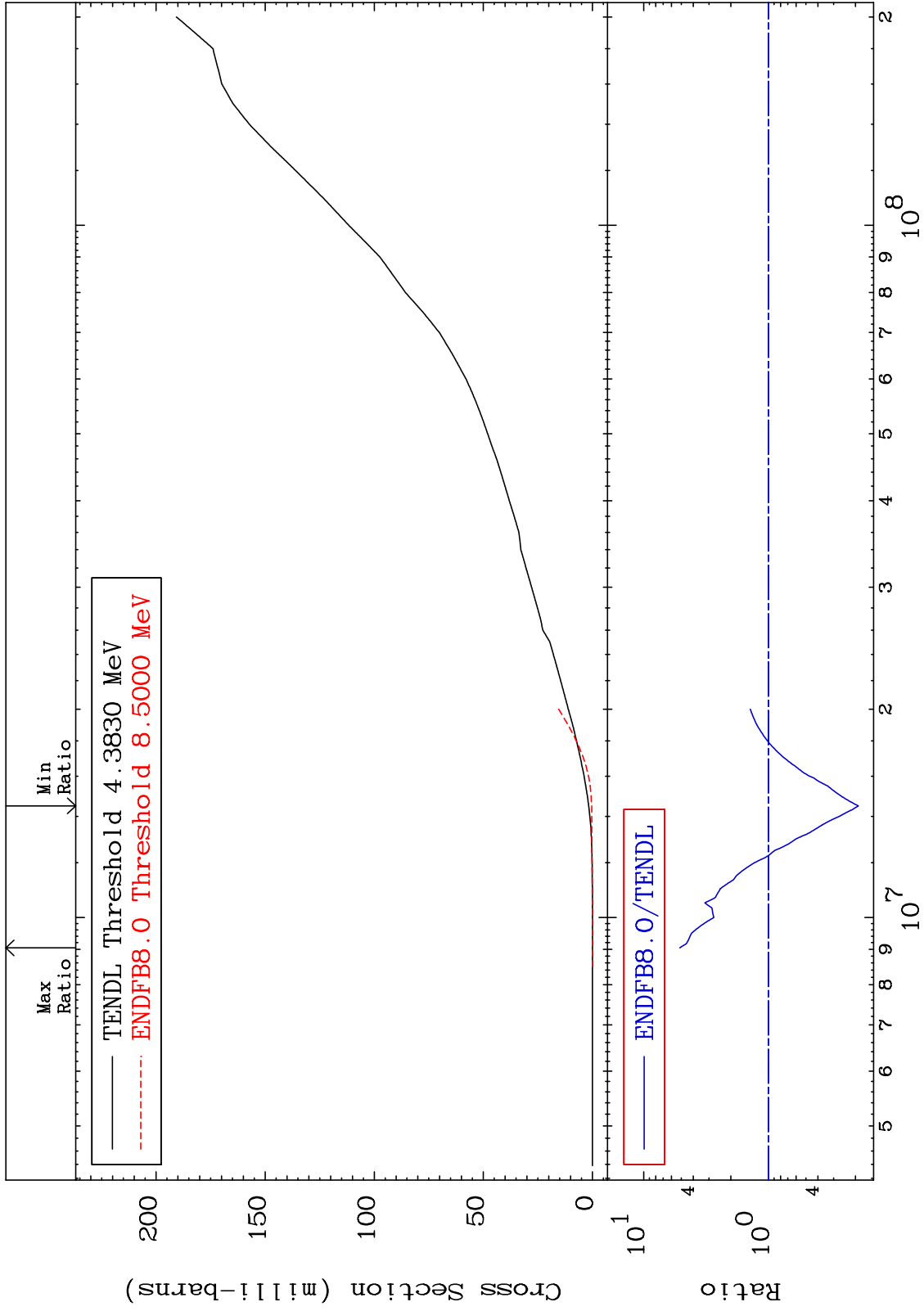
Incident Energy (eV)

51-Sb-123

MAT 5131

Deuterium Production
Cross Section

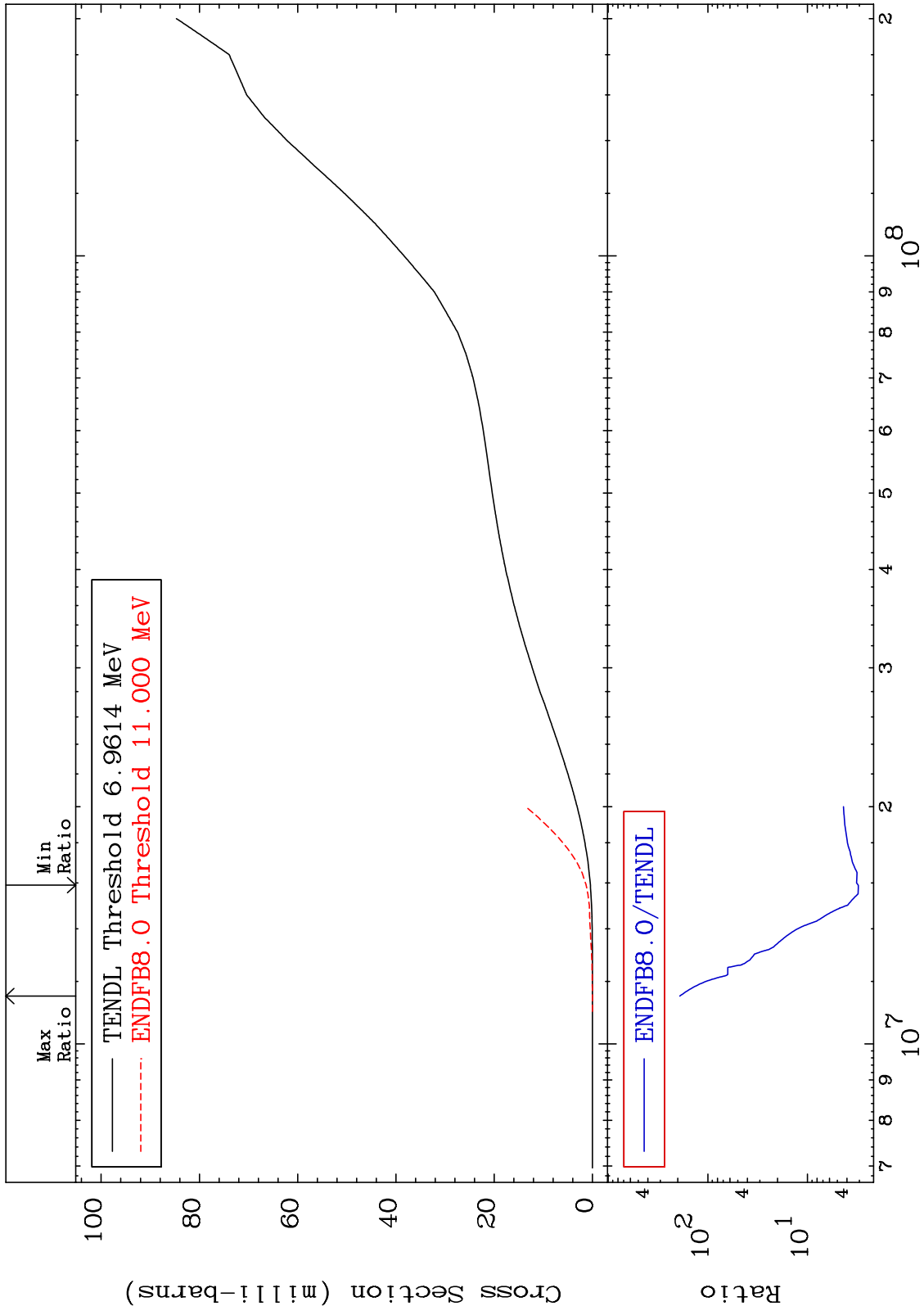
51-Sb-123
-81.01 To 413.7 %



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Tritium Production
Cross Section

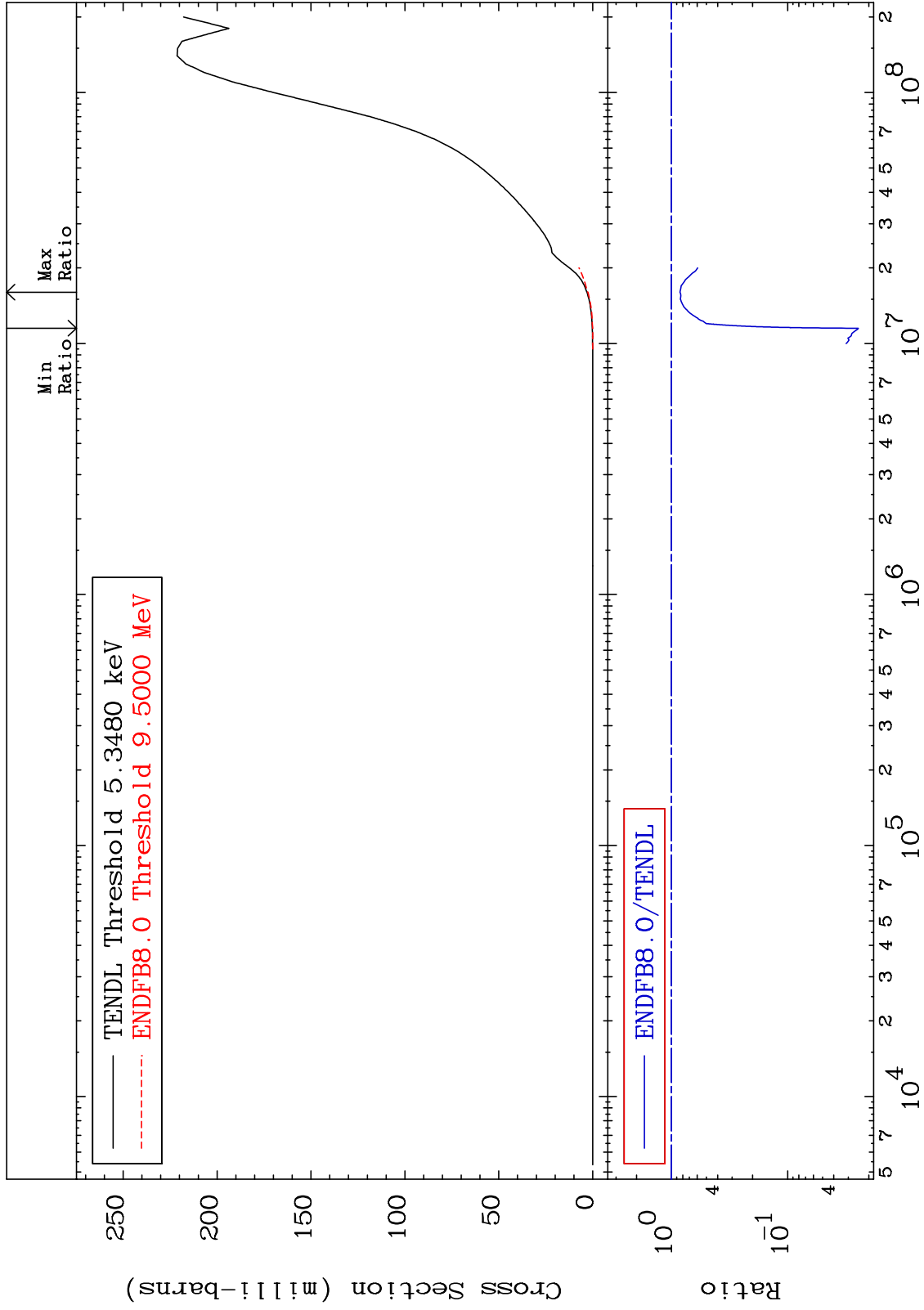
51-Sb-123
208.1 To 9999. %



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He-4 Production
Cross Section

51-Sb-123
-97.54 To -15.64%



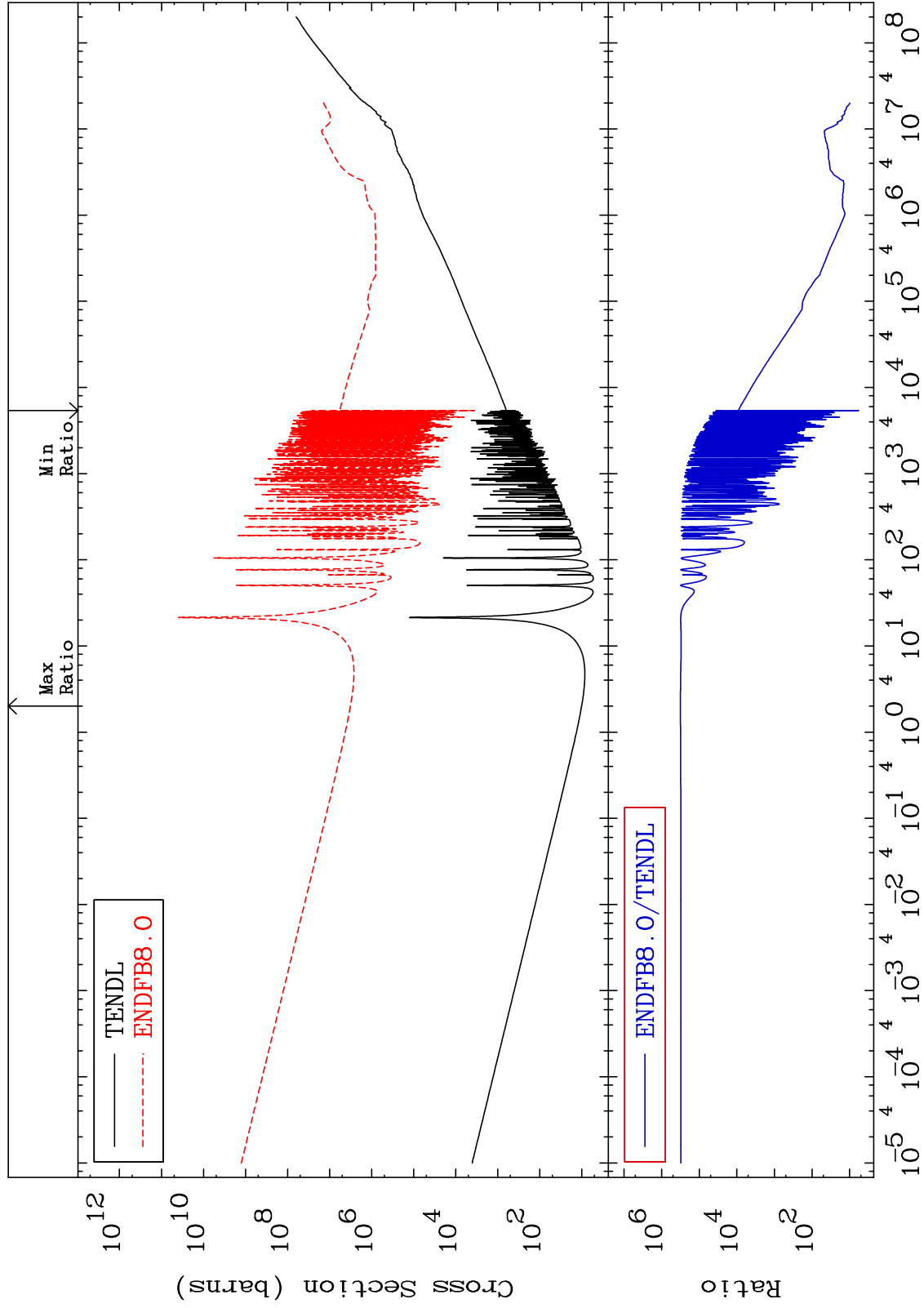
MAT 5131

Kerma total (eV-barns)

51-Sb-123

480.6 To 9999. %

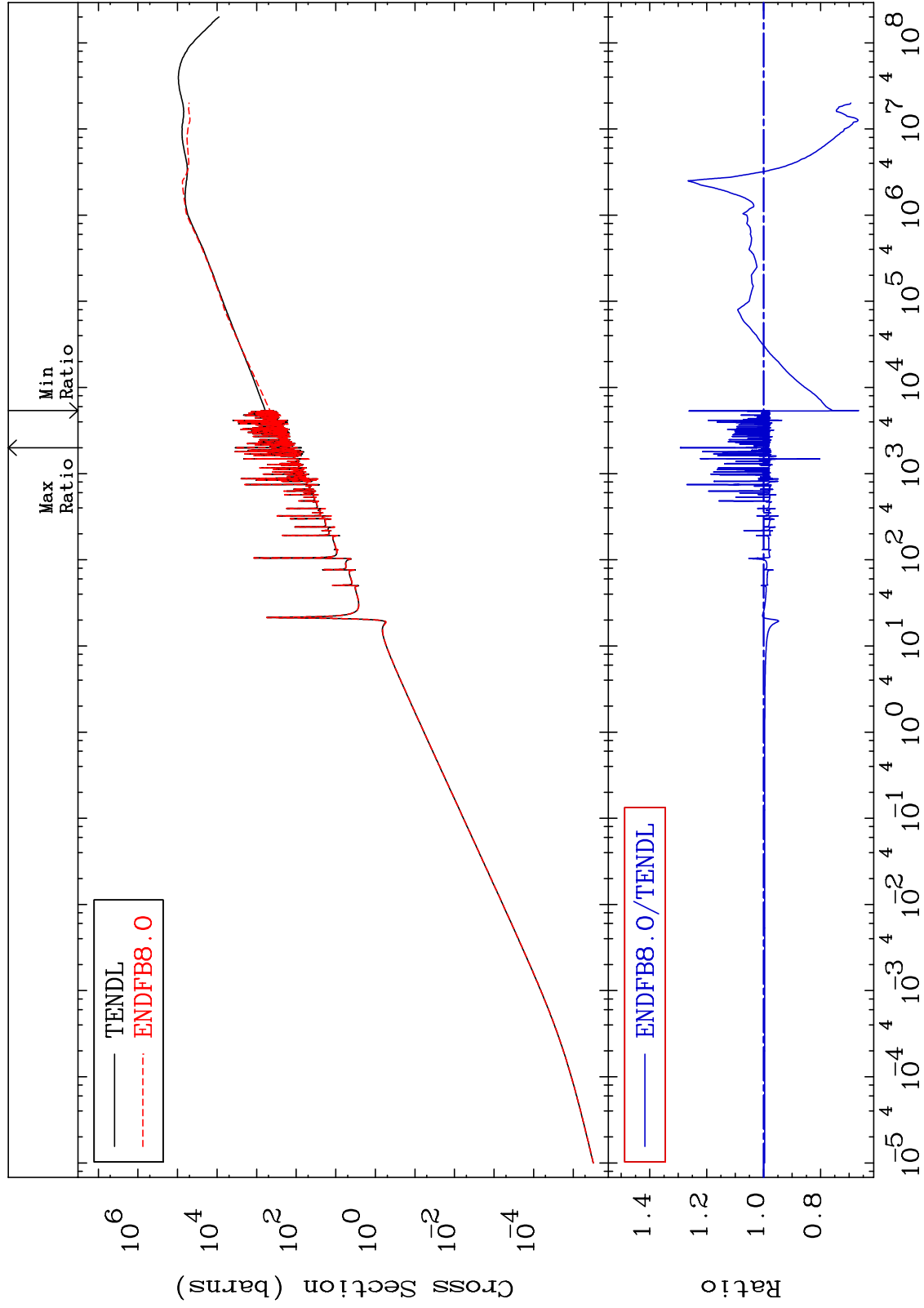
Cross Section



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Kerma elastic
Cross Section

51-Sb-123
-33.32 To 29.22 %



25

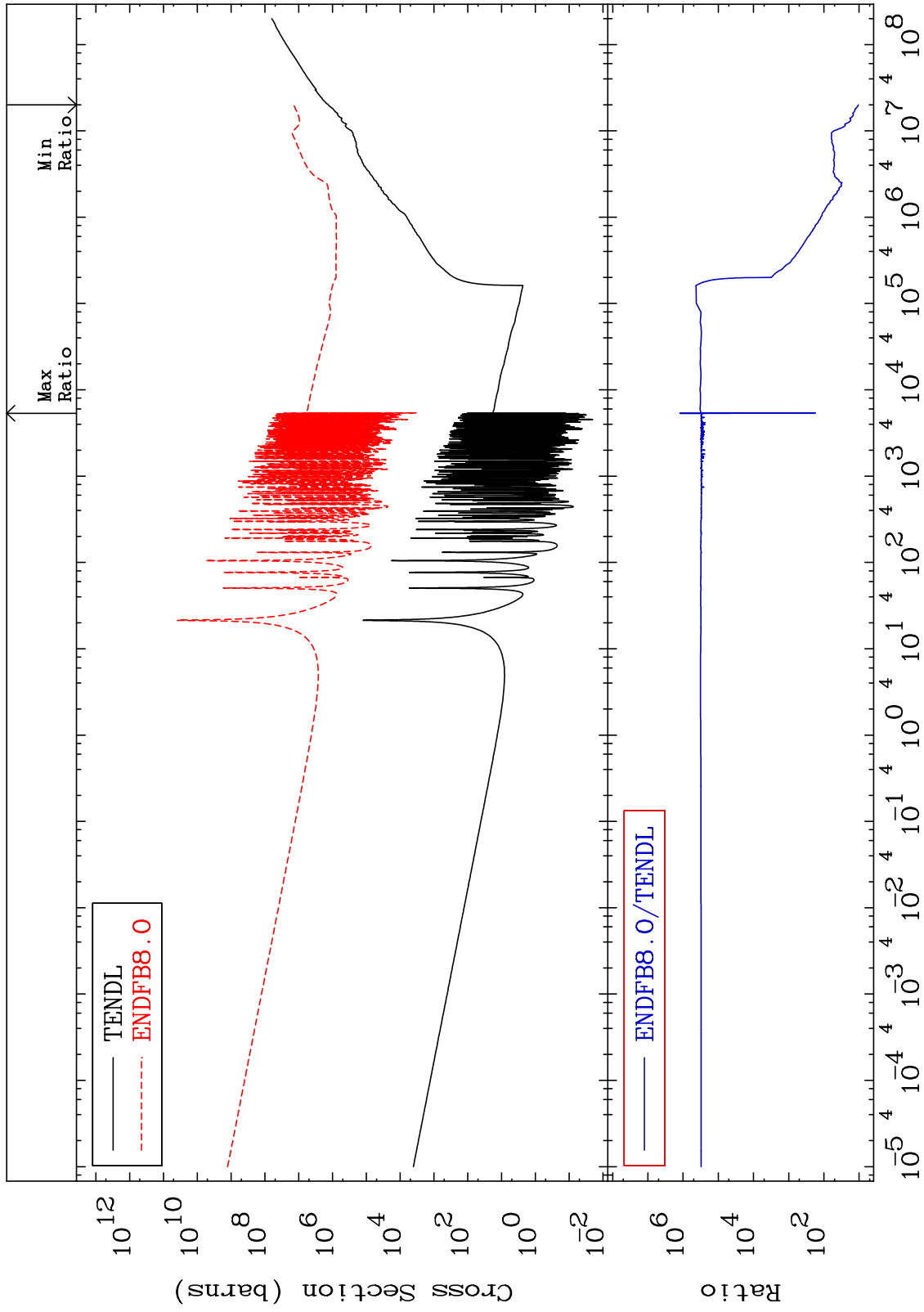
Incident Energy (eV)

51-Sb-123

MAT 5131

Kerma non-elastic (all but mt2)
Cross Section

51-Sb-123
947.5 To 9999. %



26

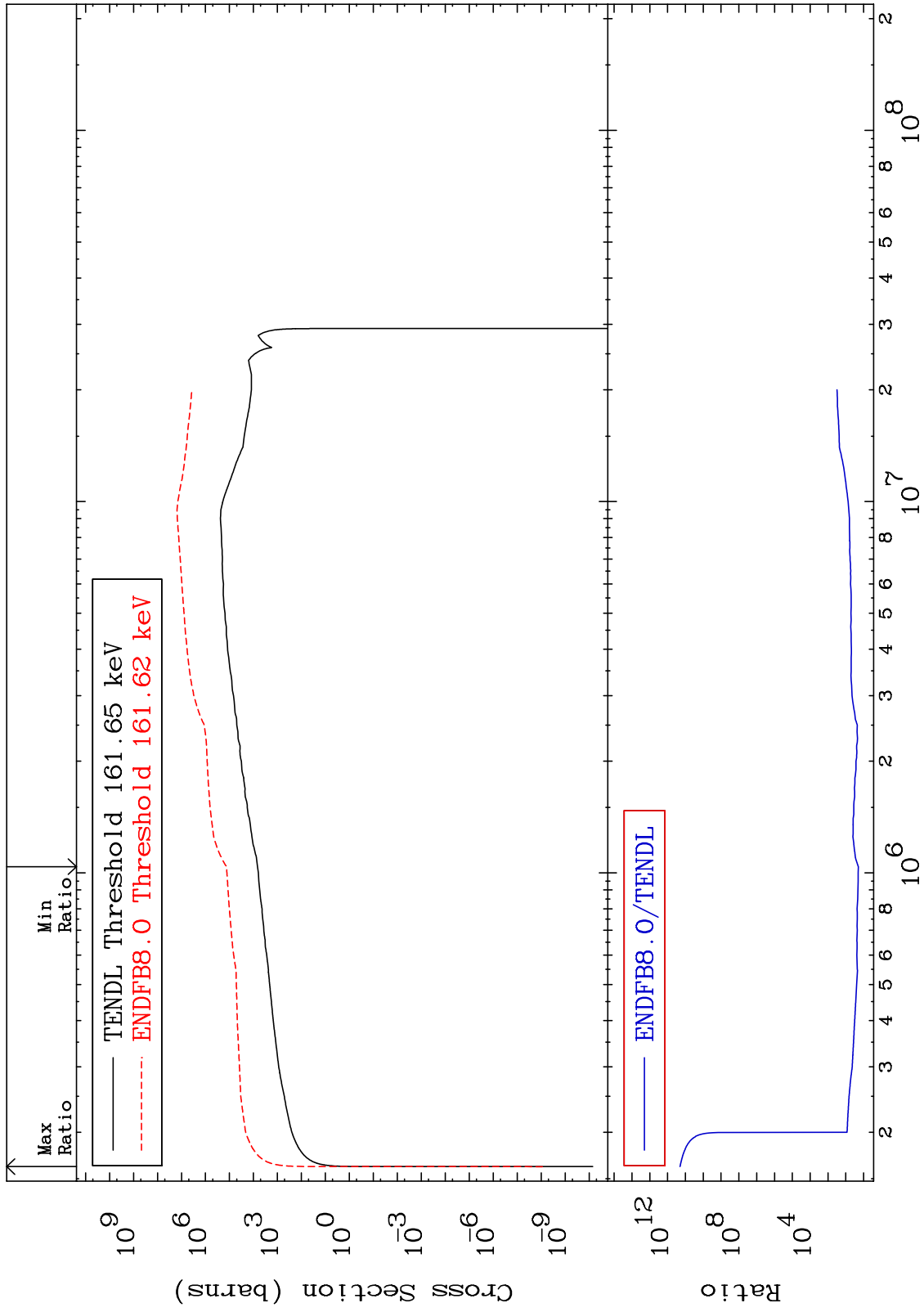
Incident Energy (eV)

51-Sb-123

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Kerma inelastic (mt51-91)
Cross Section

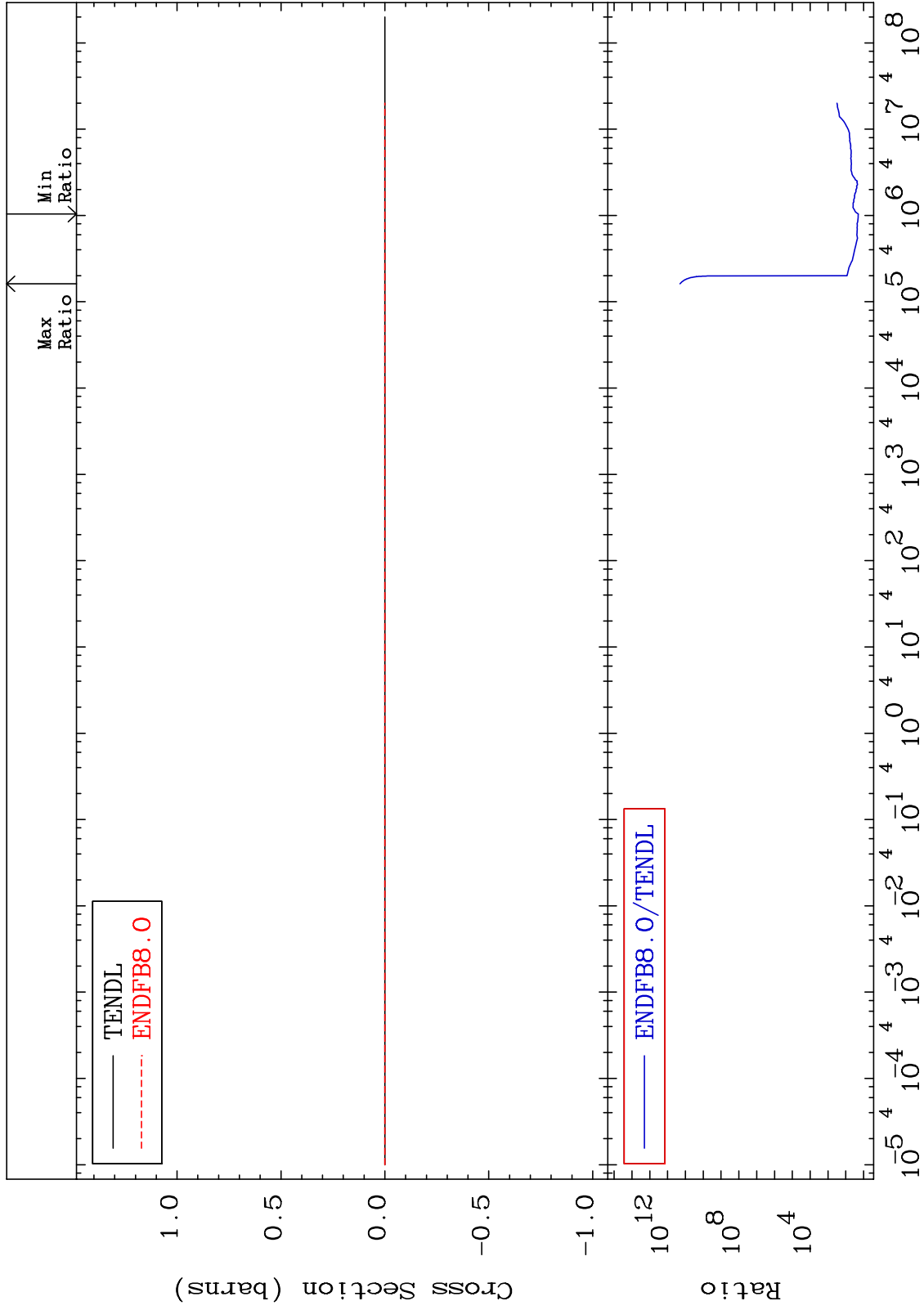
51-Sb-123
1860. To 9999. %



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Kerma fission (mt18 or mt19-20-21-38)
Cross Section

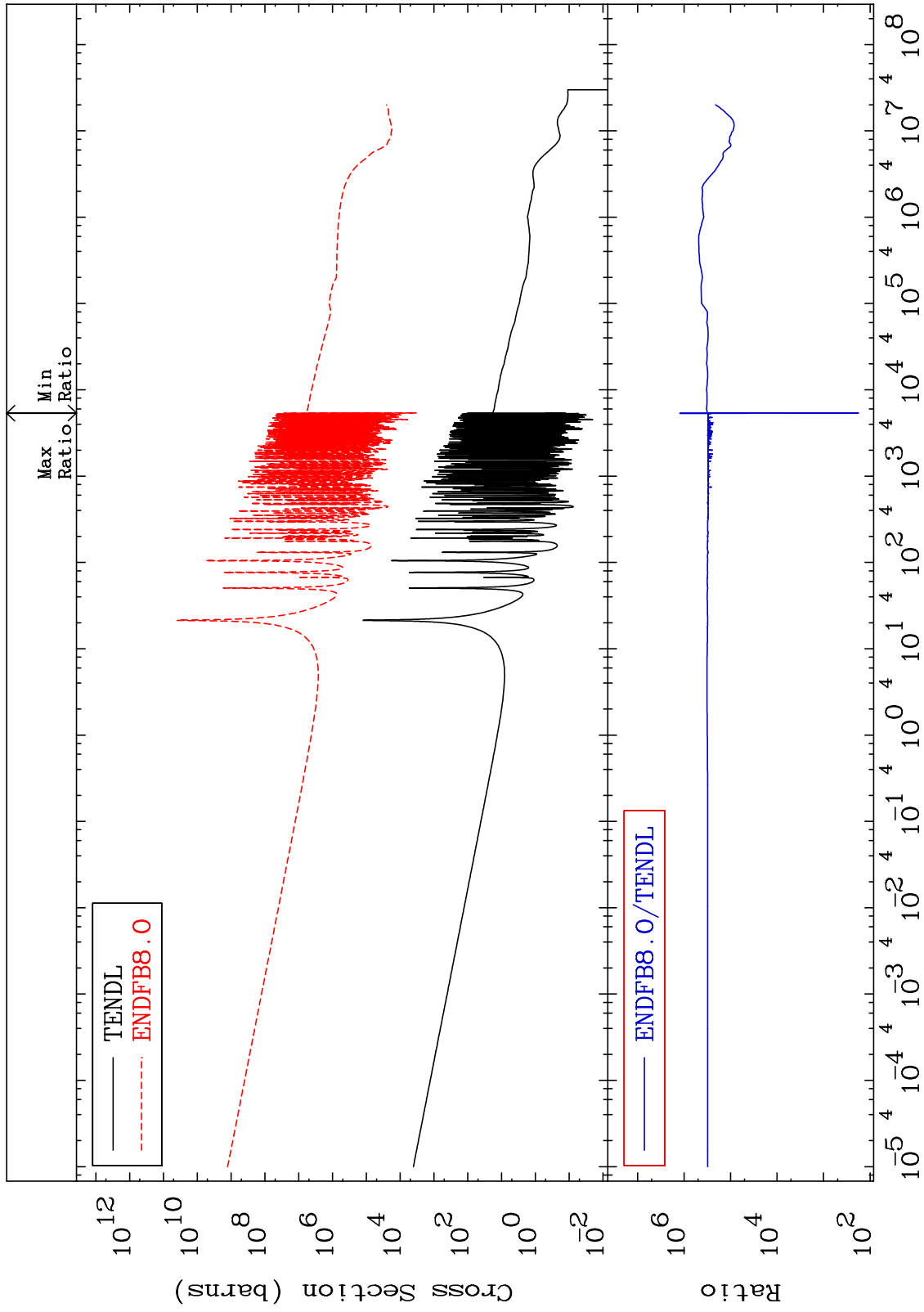
51-Sb-123
1860. To 9999. %



MAT 5131

Kerma capture (mt102)
Cross Section

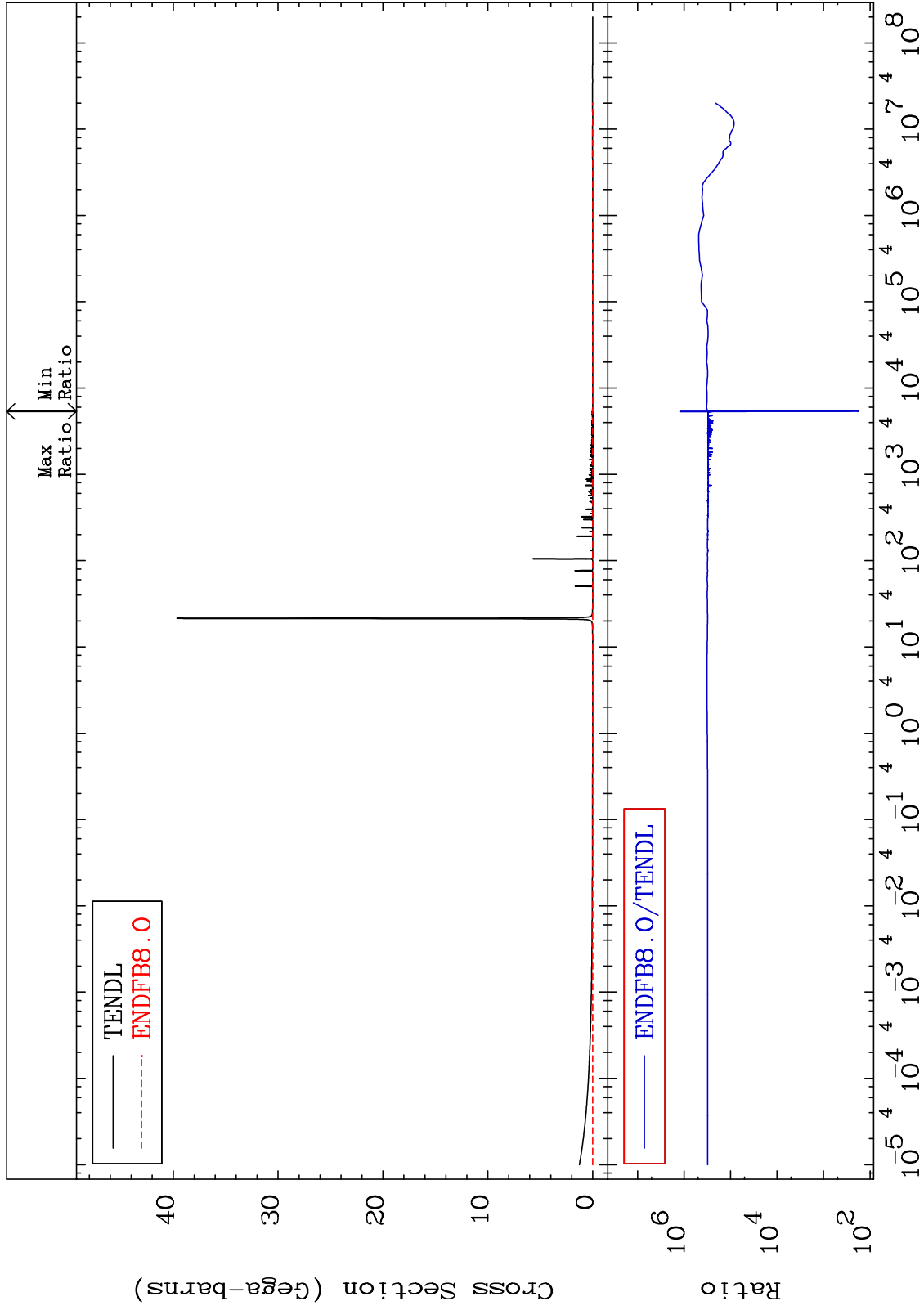
51-Sb-123
9999. To 9999. %



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Total photon (eV-barns)
Cross Section

51-Sb-123
9999. To 9999. %



30

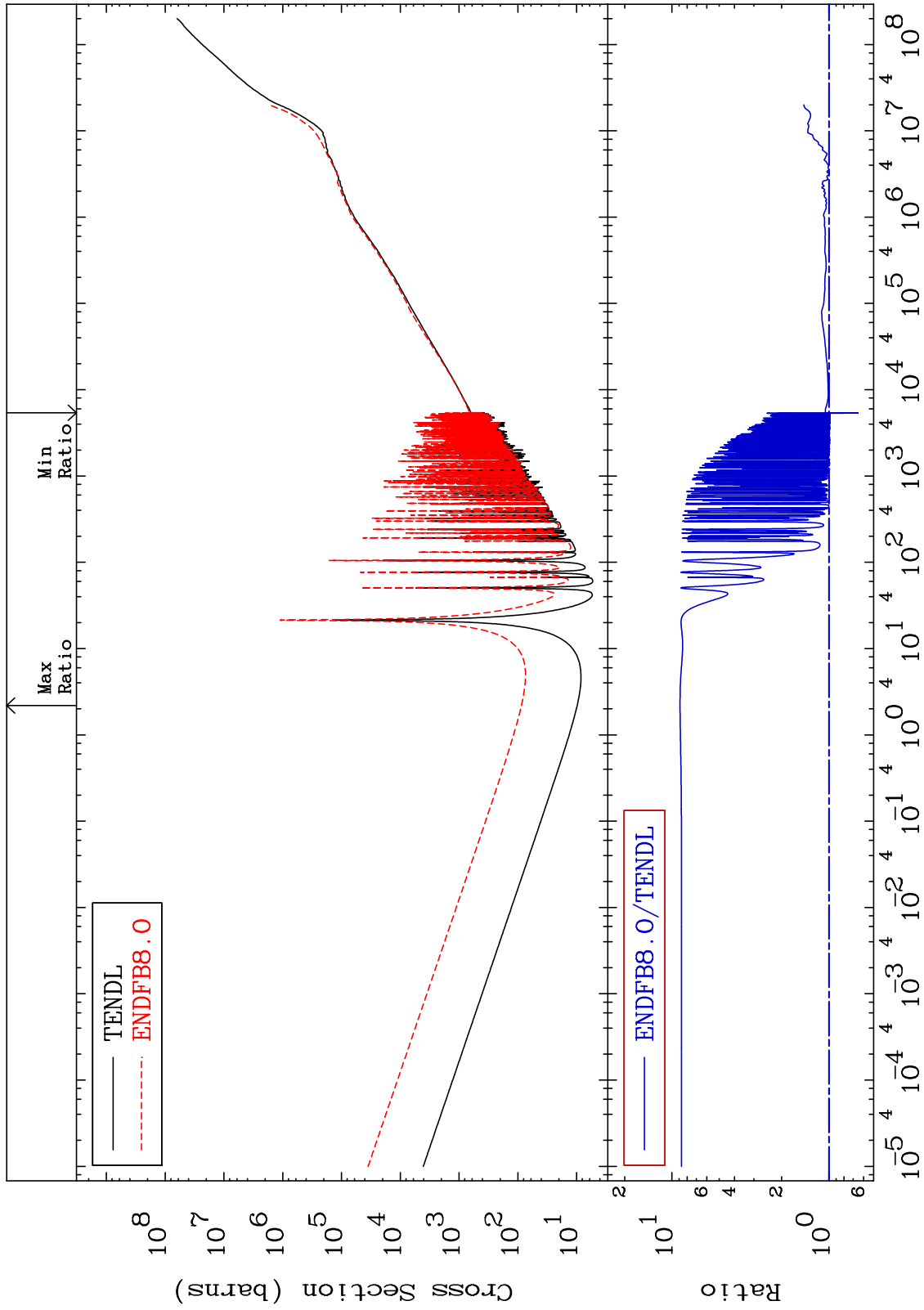
Incident Energy (eV)

51-Sb-123

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Total kinematic kerma (high limit)
Cross Section

51-Sb-123
-35.22 To 788.7 %



31

Incident Energy (eV)

51-Sb-123

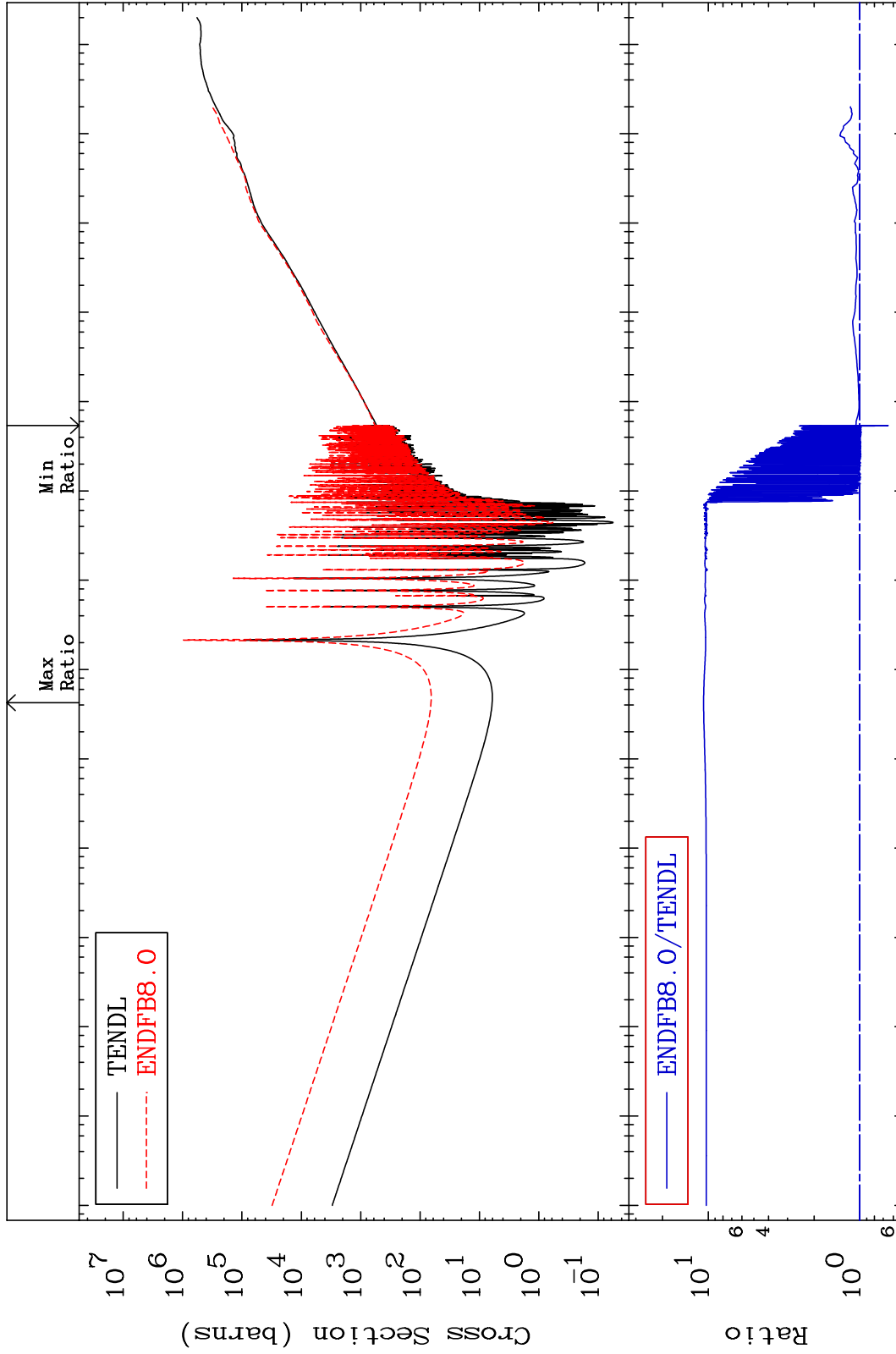
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Dpa total (eV-barns)

51-Sb-123

-35.07 To 971.7 %

Cross Section



Ratio

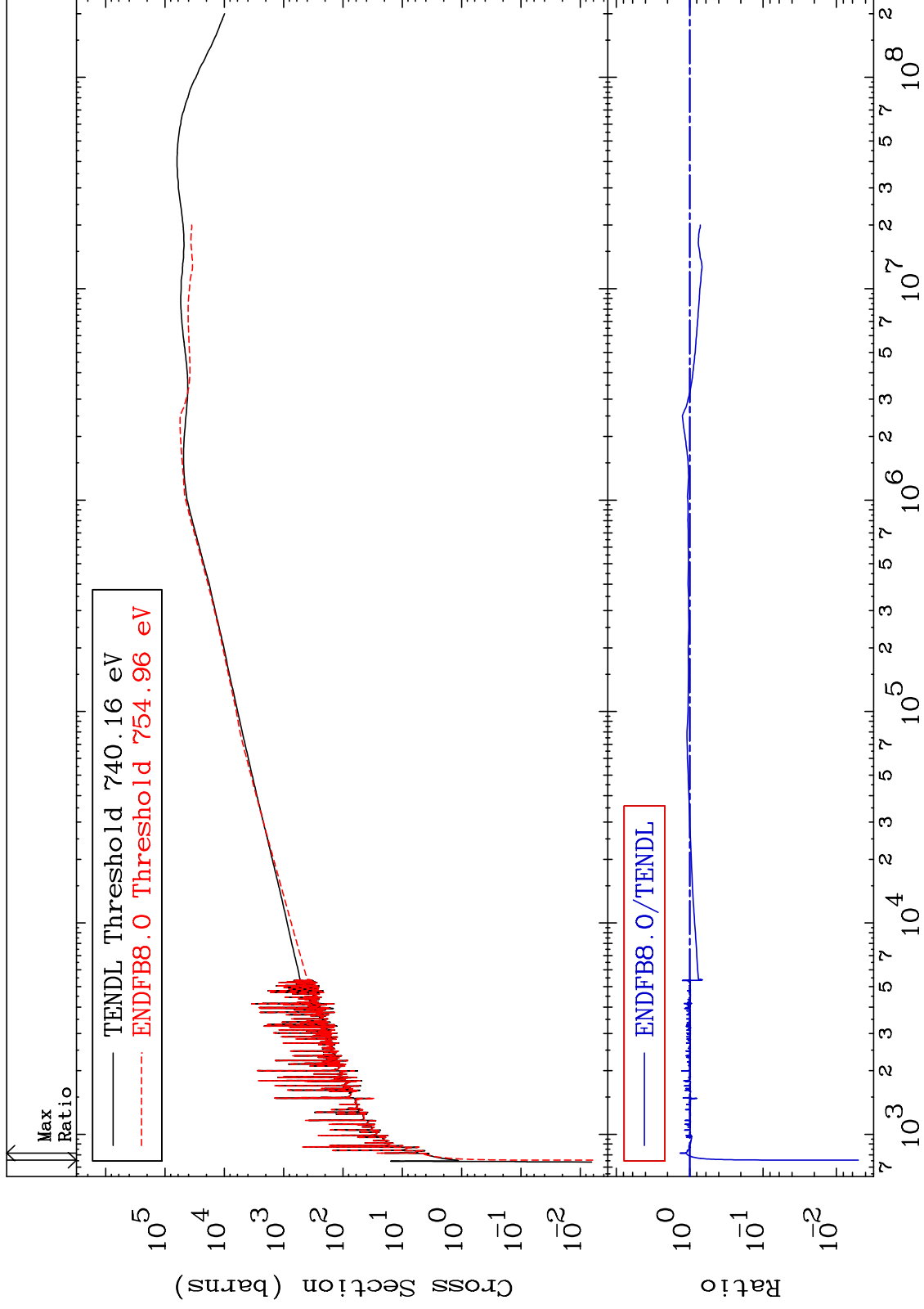
Incident Energy (eV)

51-Sb-123

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Dpa elastic (mt2)
Cross Section

51-Sb-123
-99.50 To 35.40 %



33

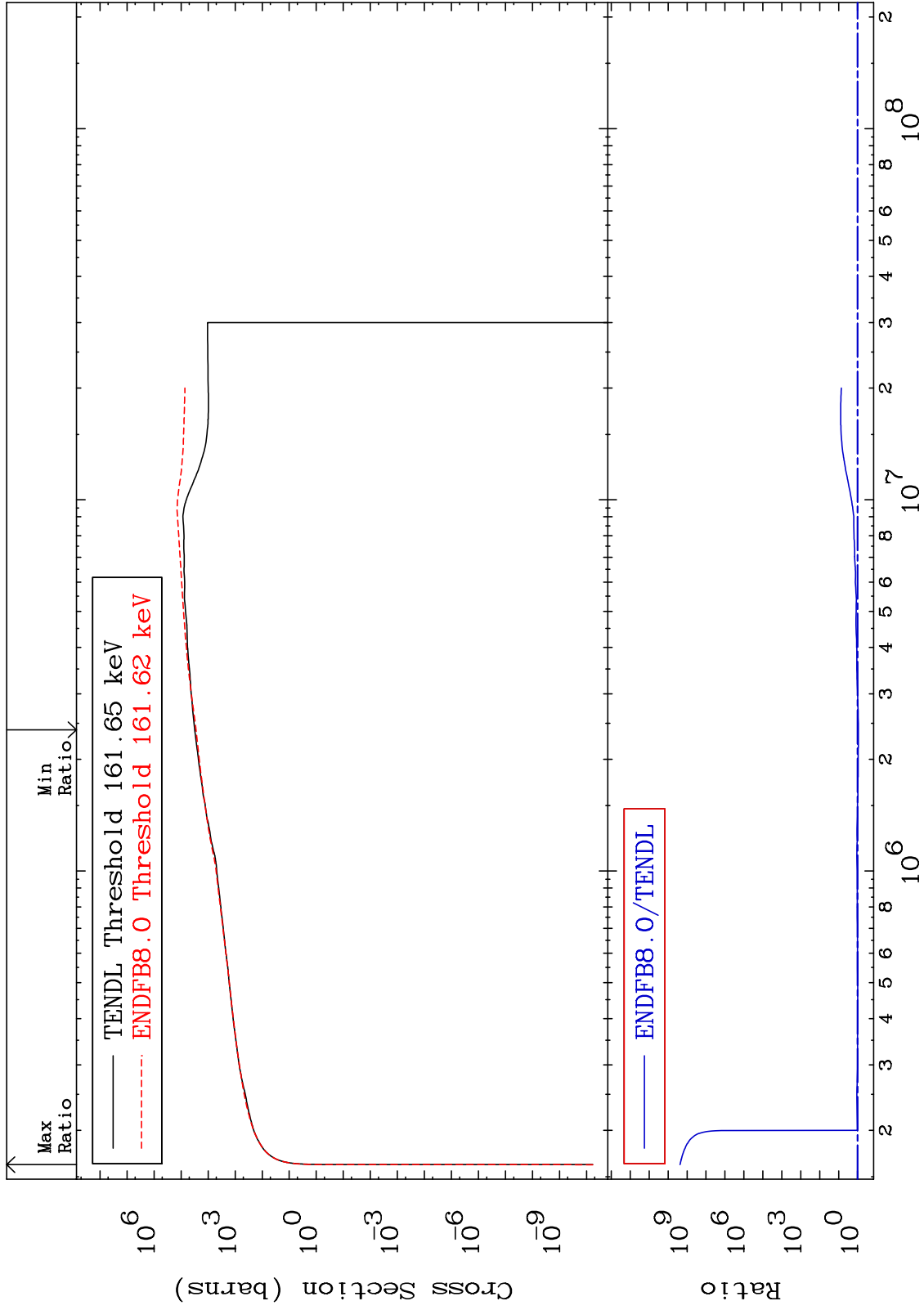
Incident Energy (eV)

51-Sb-123

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Dpa inelastic (mt51-91)
Cross Section

51-Sb-123
-9.558 To 9999. %



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Dpa disappearance (mt102 -120)
Cross Section

51-Sb-123
-99.27 To 9999. %

