

Program Complot
(Version 2018-1)

by

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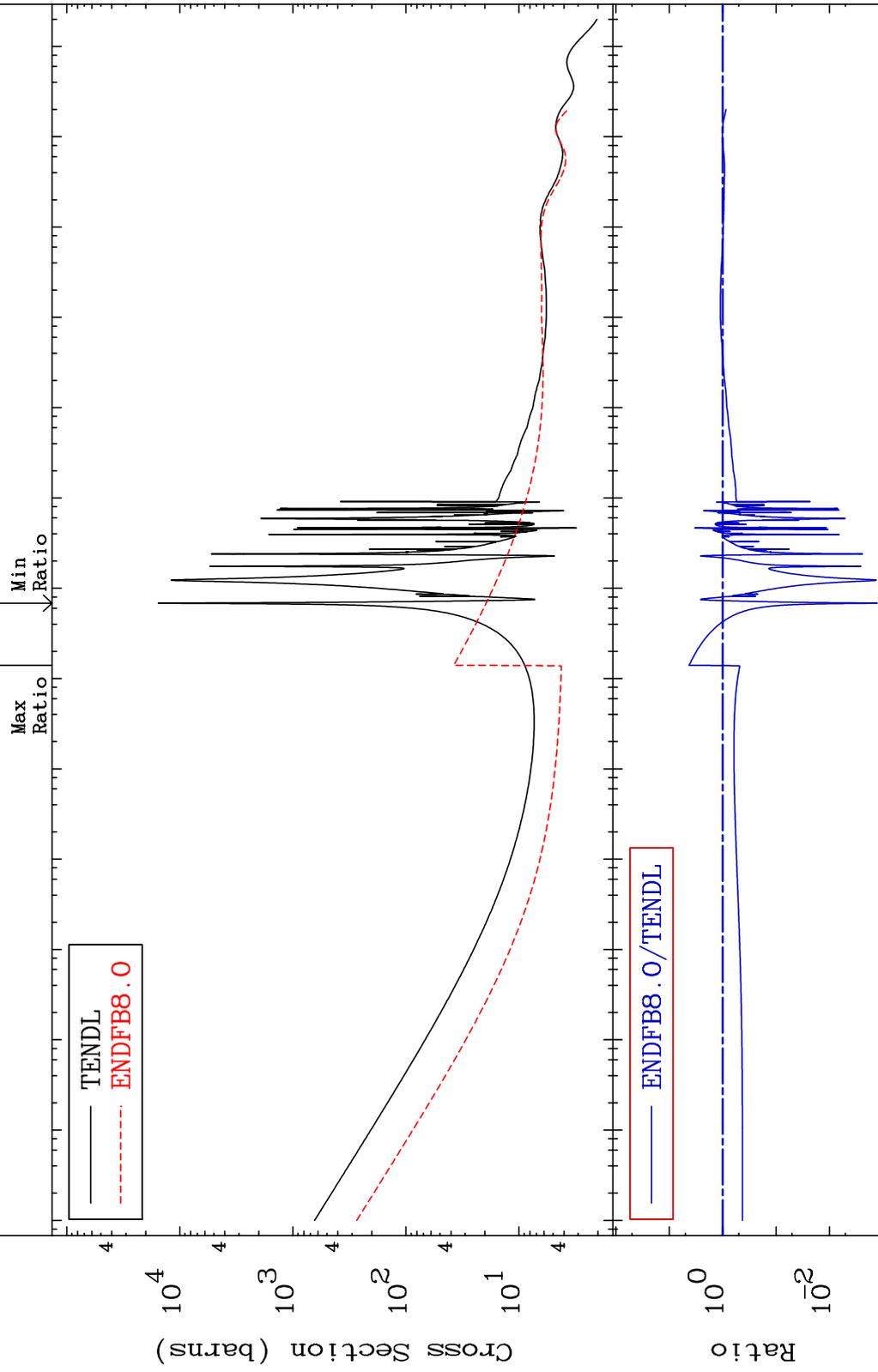
Press Mouse Button to Start

MAT 5137

51-Sb-125

-99.87 To 324.0 %

Total
Cross Section



Incident Energy (eV)

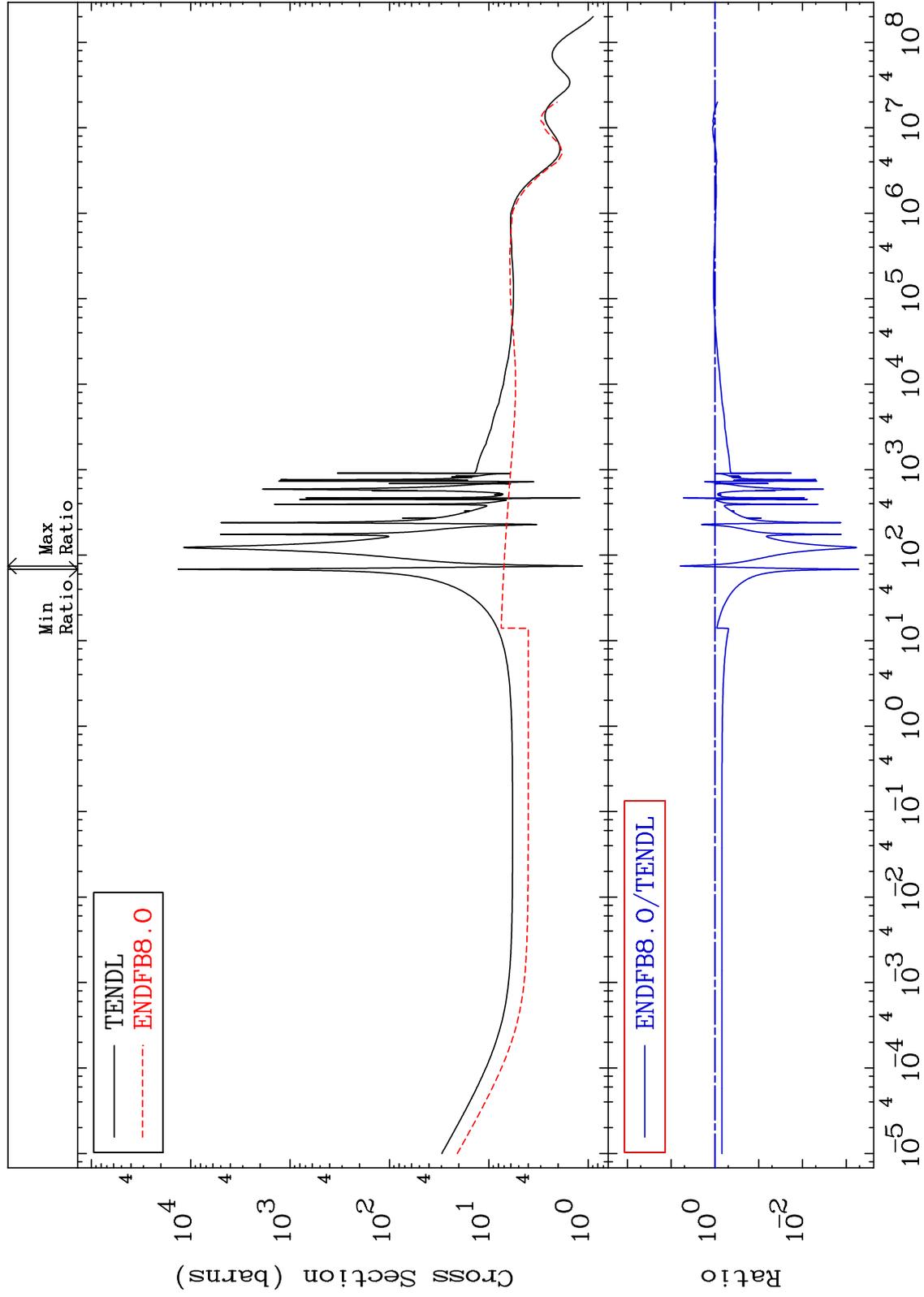
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

51-Sb-125

MAT 5137

Elastic
Cross Section

51-Sb-125
-99.95 To 517.8 %



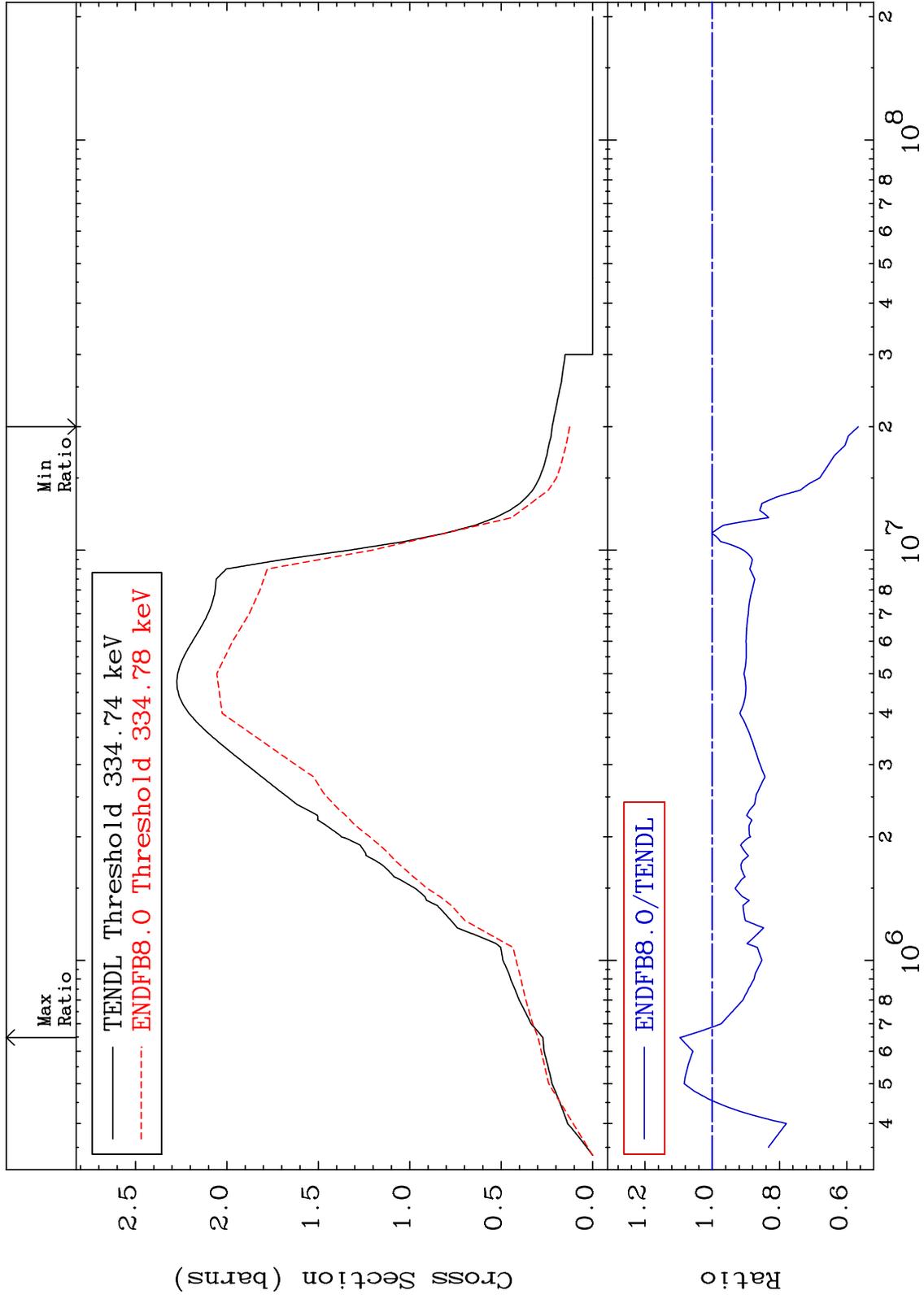
MAT 5137

Inelastic

51-Sb-125

Cross Section

-43.45 To 9.599 %



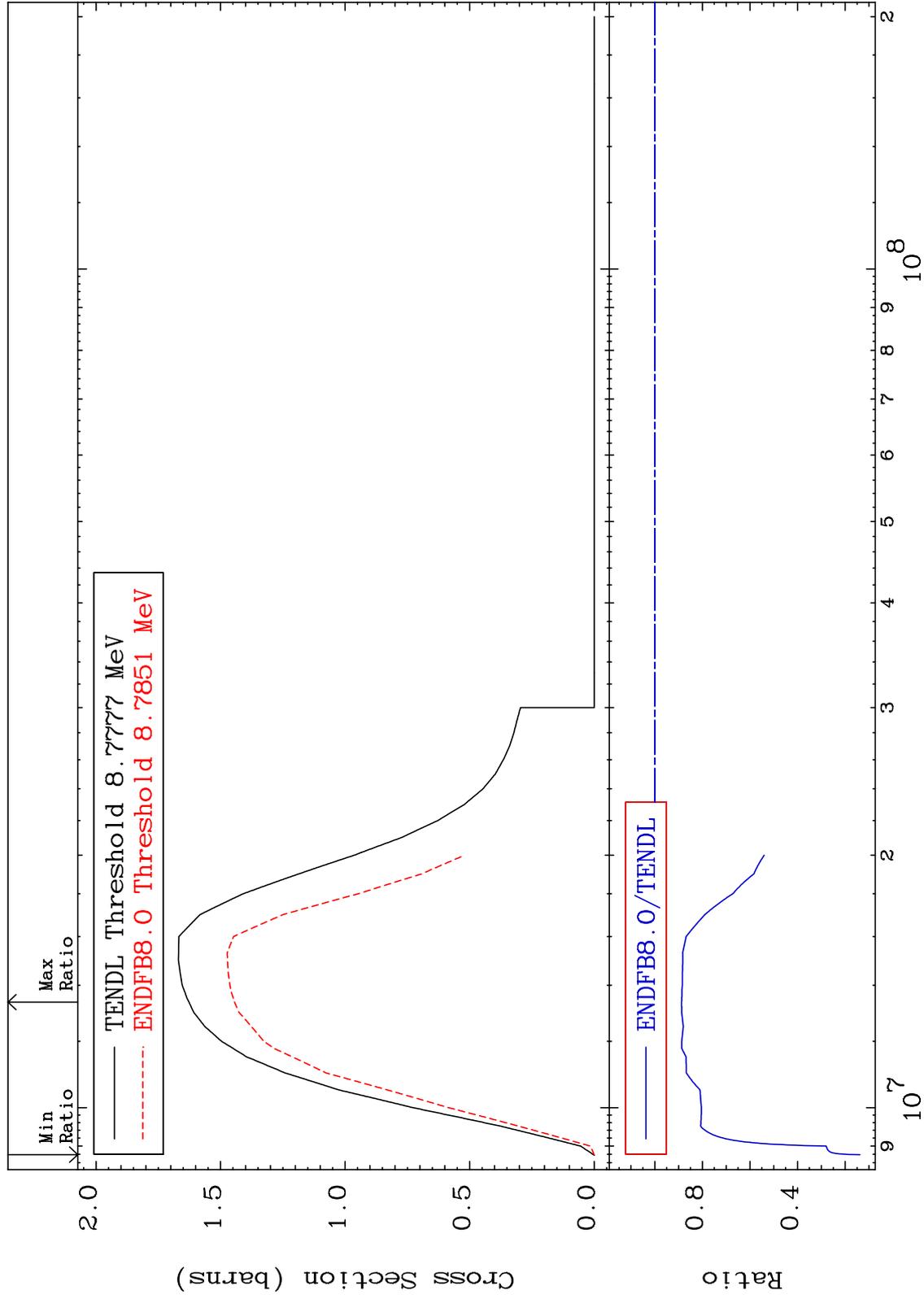
MAT 5137

(n,2n)

51-Sb-125

Cross Section

-86.25 To -11.26%



51-Sb-125

Incident Energy (eV)

4

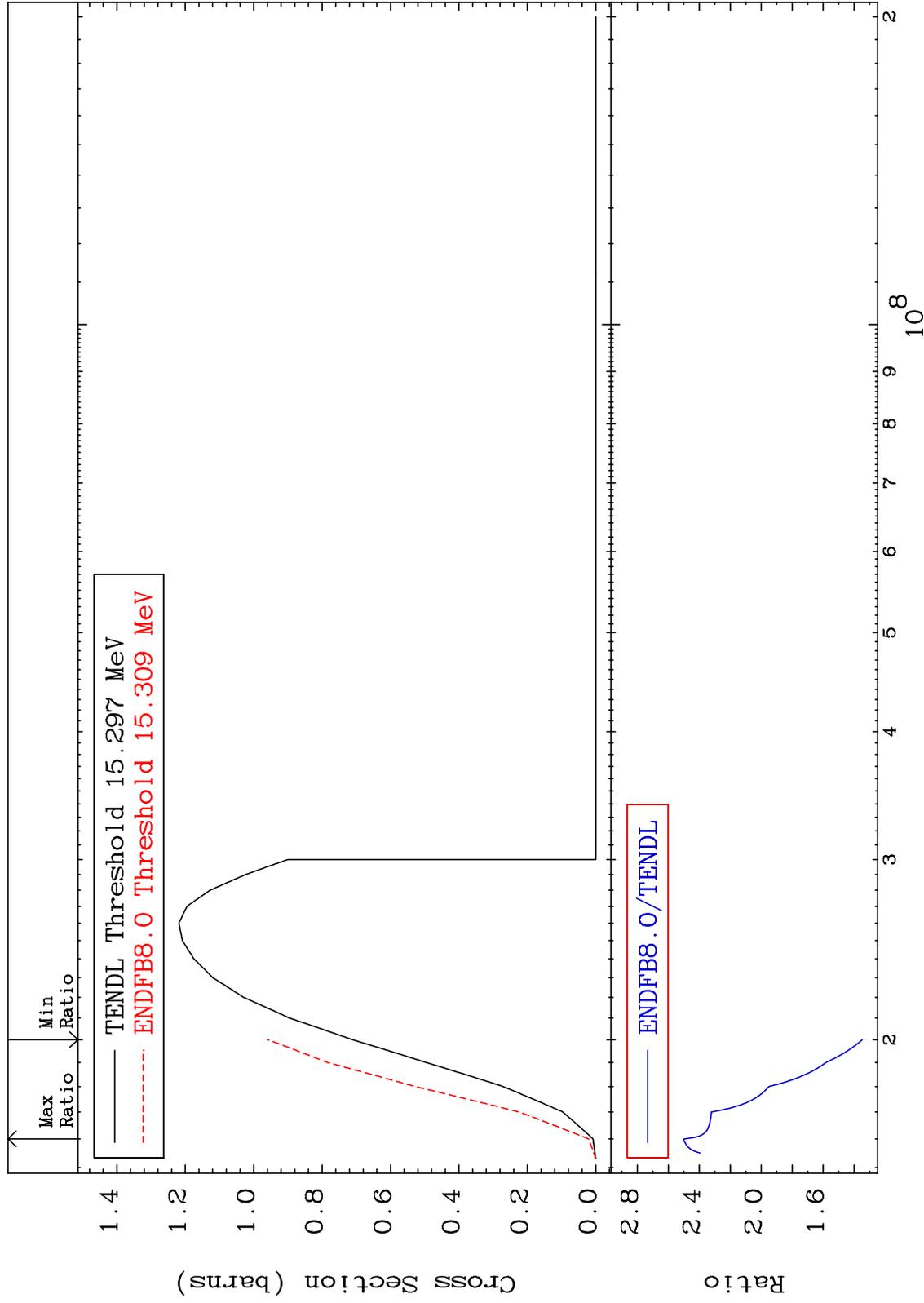
MAT 5137

(n,3n)

51-Sb-125

Cross Section

34.73 To 150.3 %



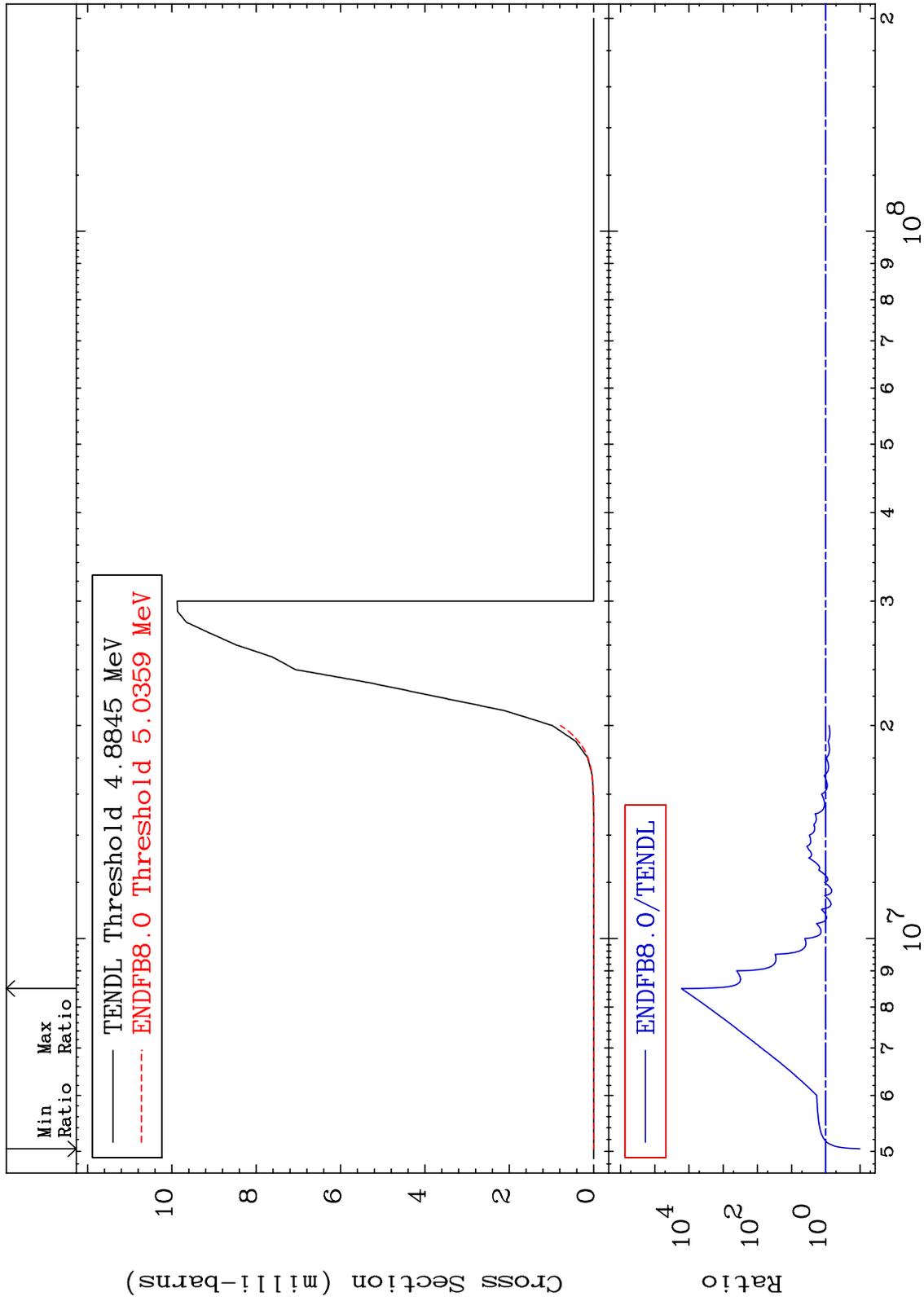
MAT 5137

(n,n') α

51-Sb-125

Cross Section

-89.90 To 9999. %



6

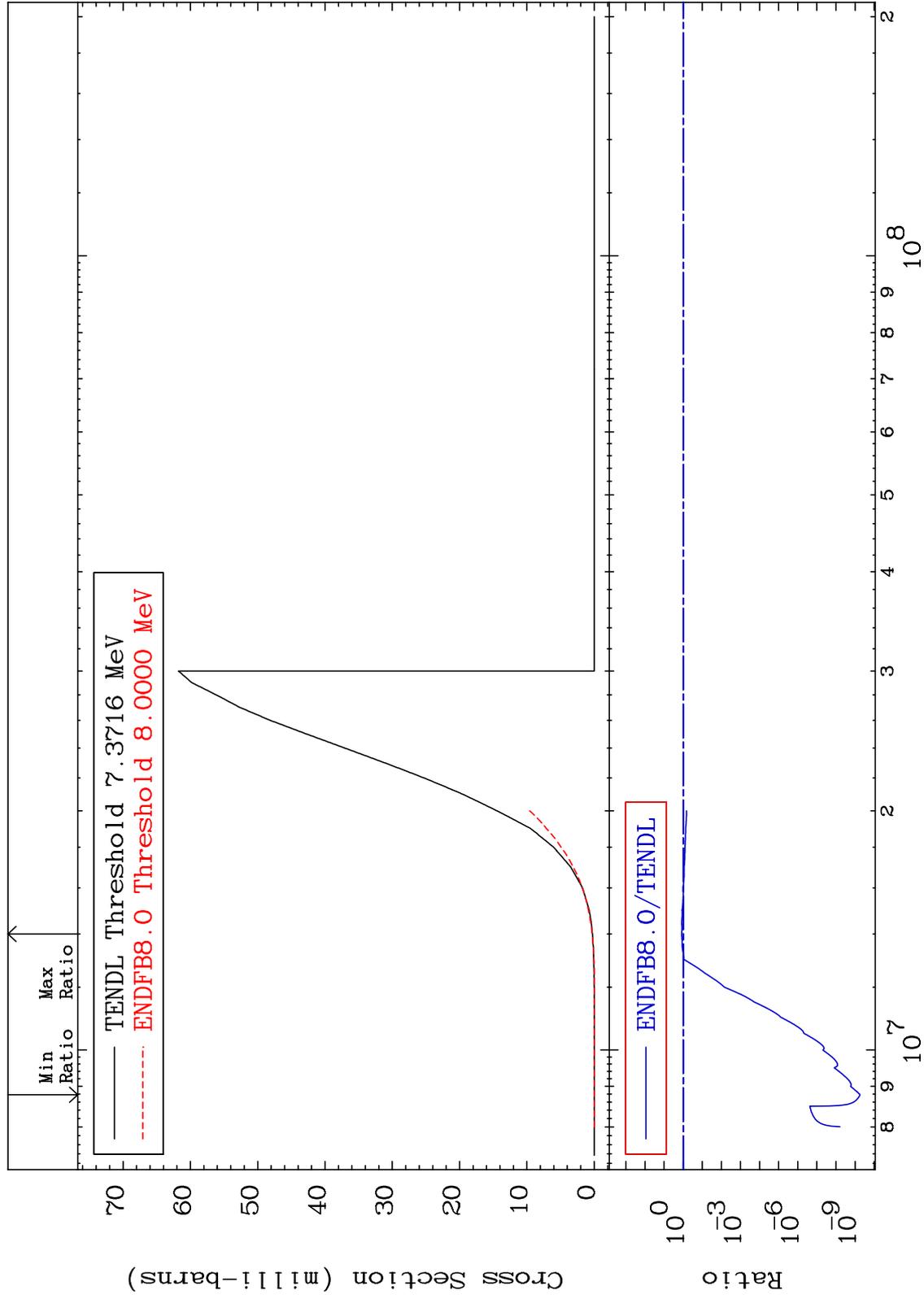
Incident Energy (eV)

51-Sb-125

MAT 5137

(n,n') p
Cross Section

51-Sb-125
-100.0 To 21.77 %



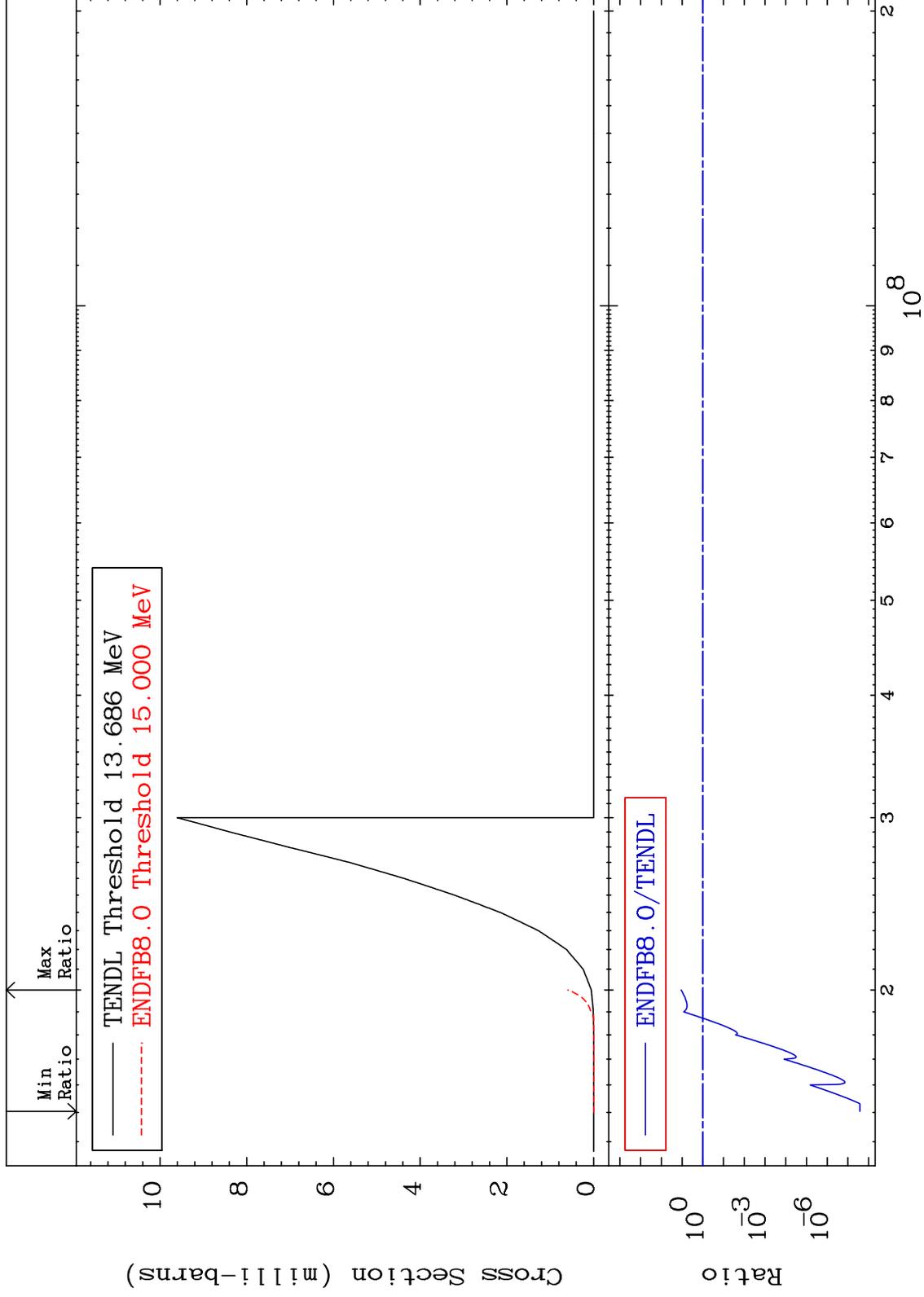
MAT 5137

(n,n') d

51-Sb-125

Cross Section

-100.0 To 1015. %



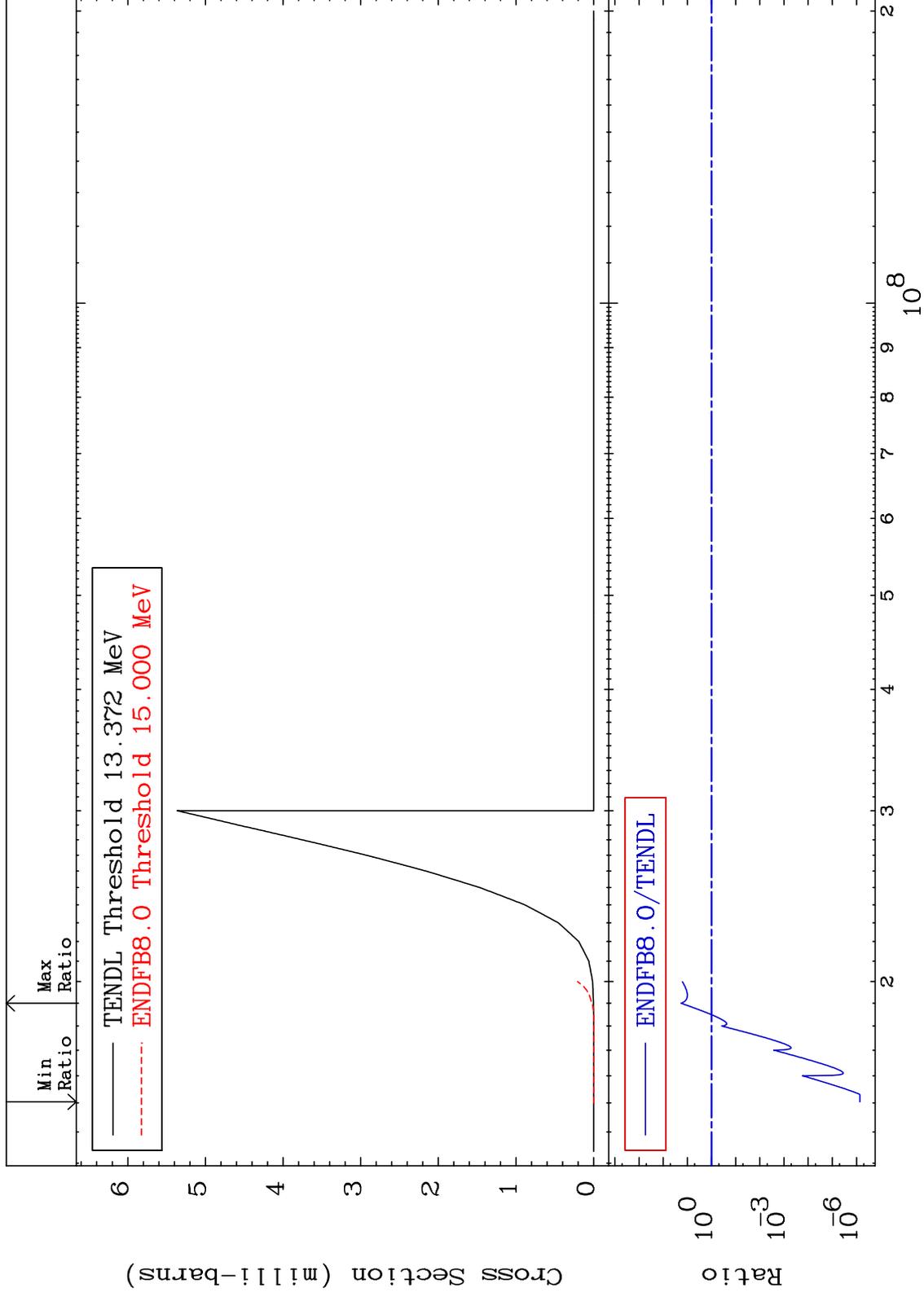
MAT 5137

(n,n') t

51-Sb-125

Cross Section

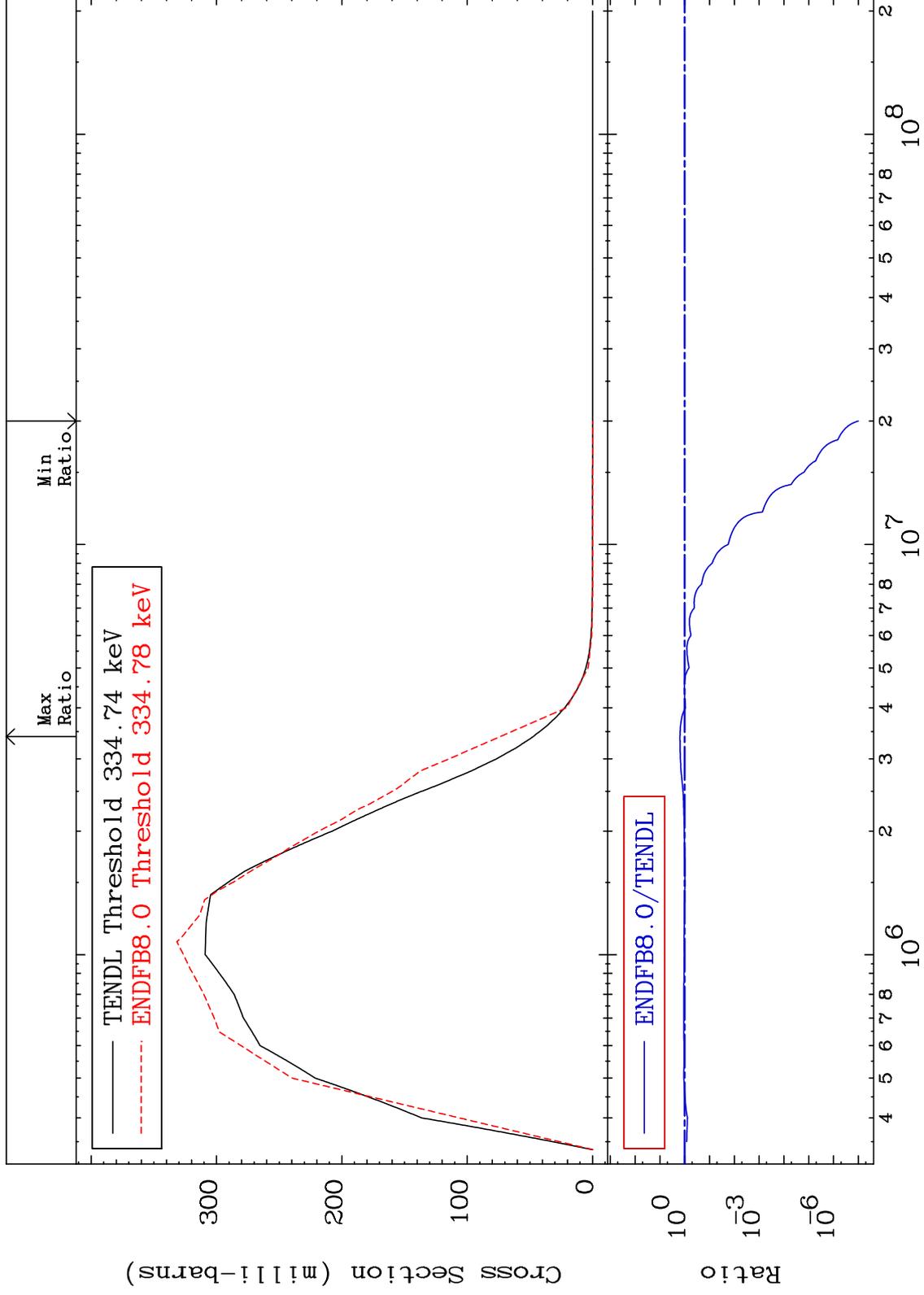
-100.0 To 1706. %



MAT 5137

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

51-Sb-125
-100.0 To 55.78 %



10

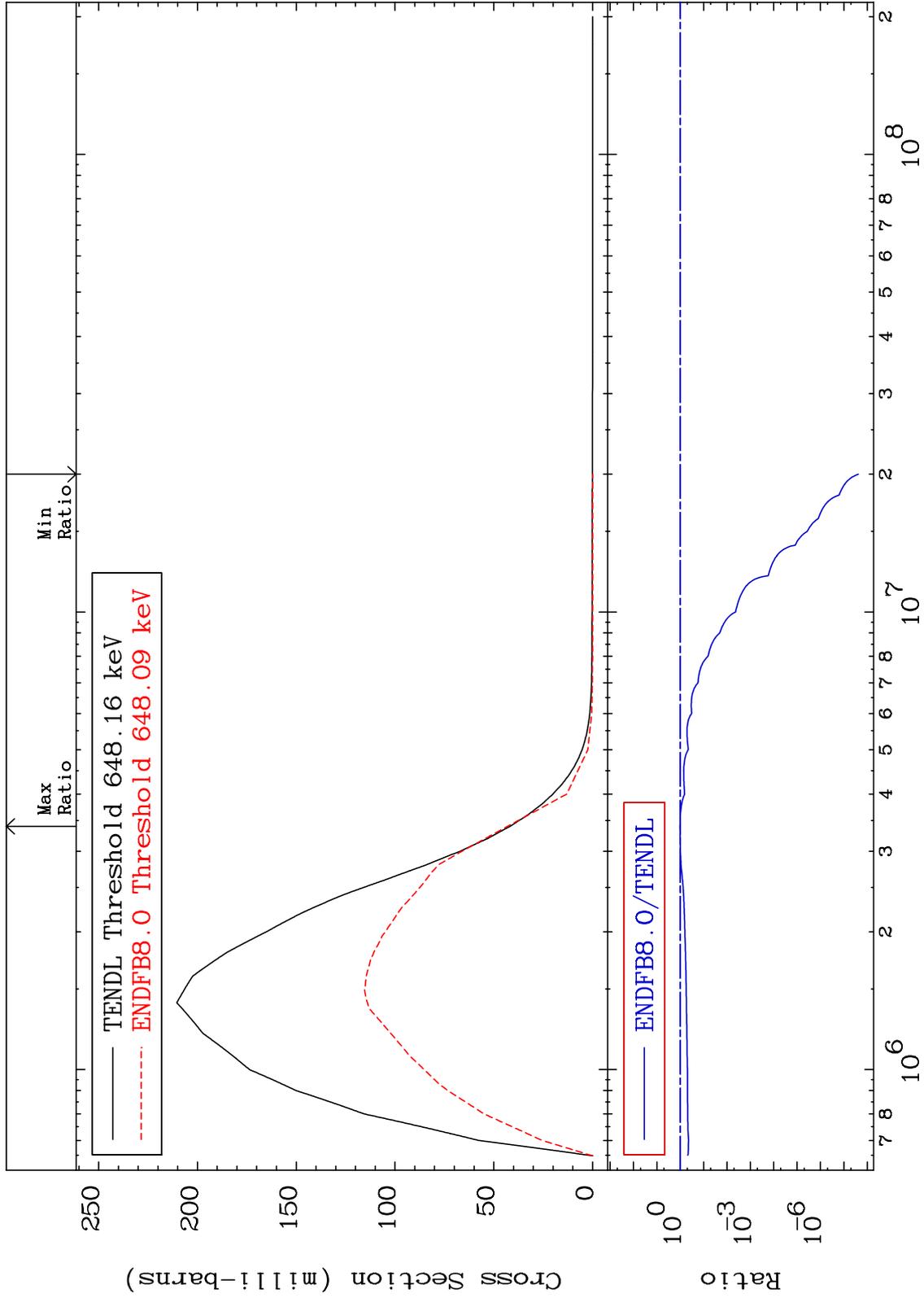
Incident Energy (eV)

51-Sb-125

MAT 5137

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

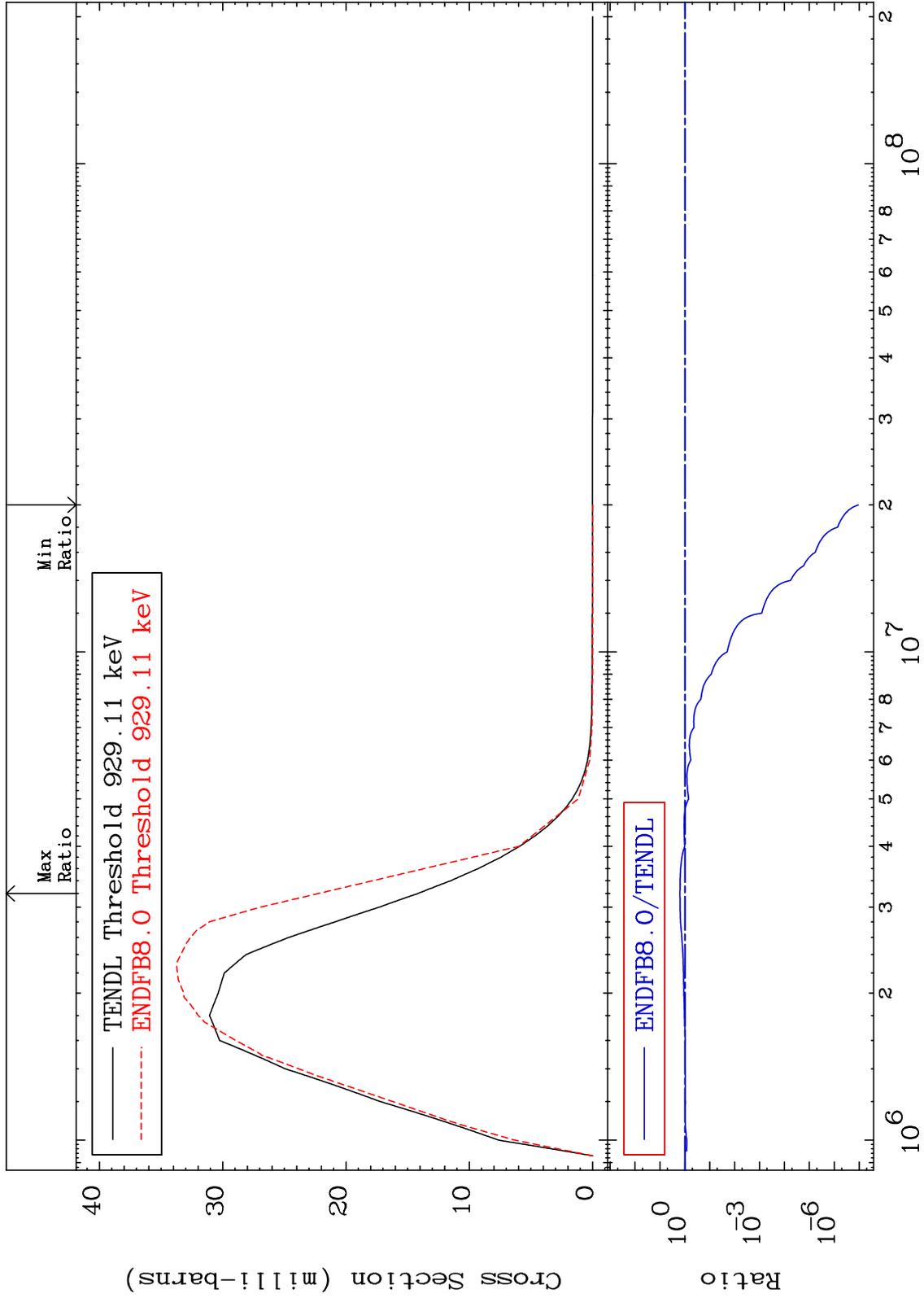
51-Sb-125
-100.0 To 3.097 %



MAT 5137

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

51-Sb-125
-100.0 To 56.99 %



12

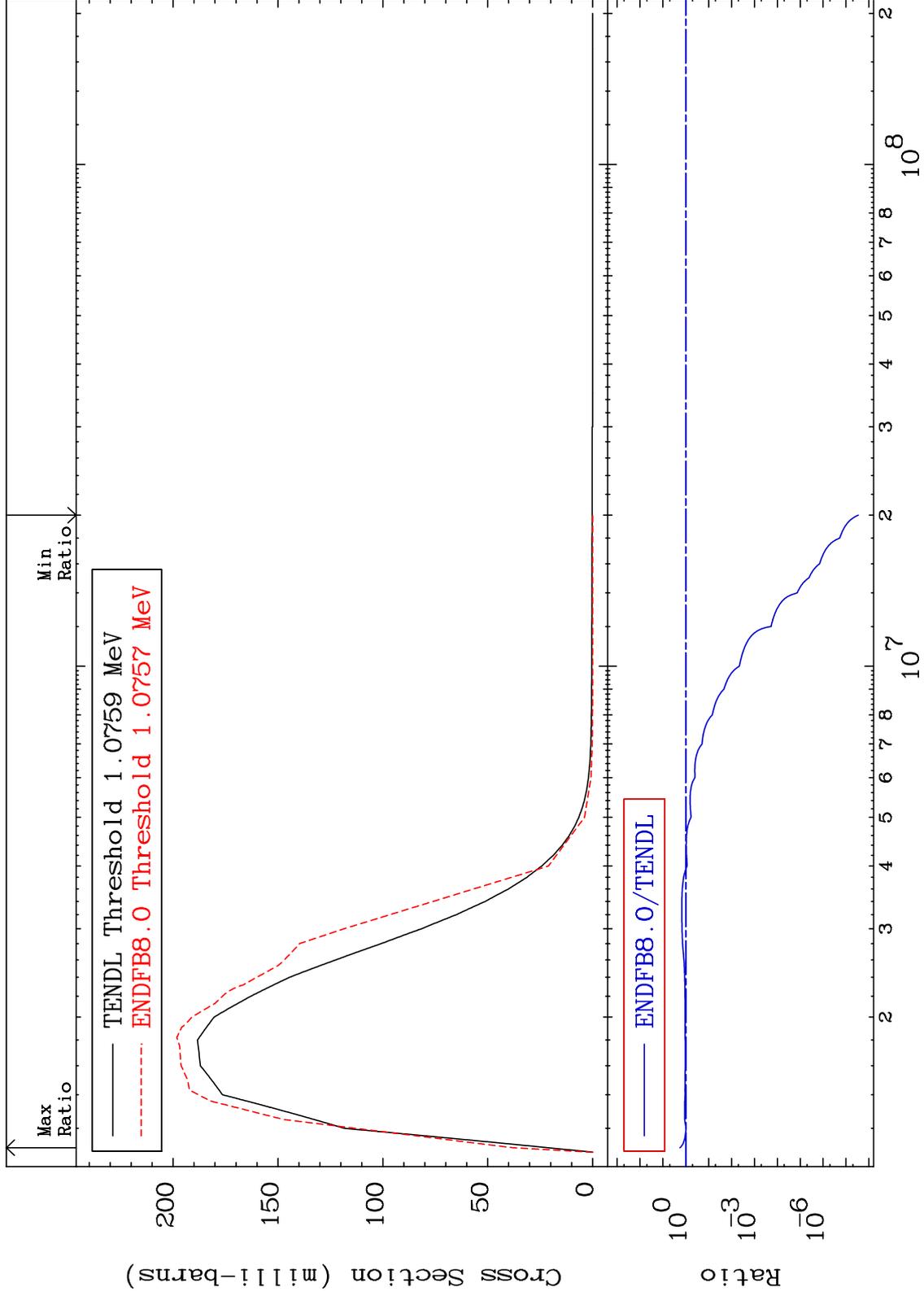
Incident Energy (eV)

51-Sb-125

MAT 5137

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

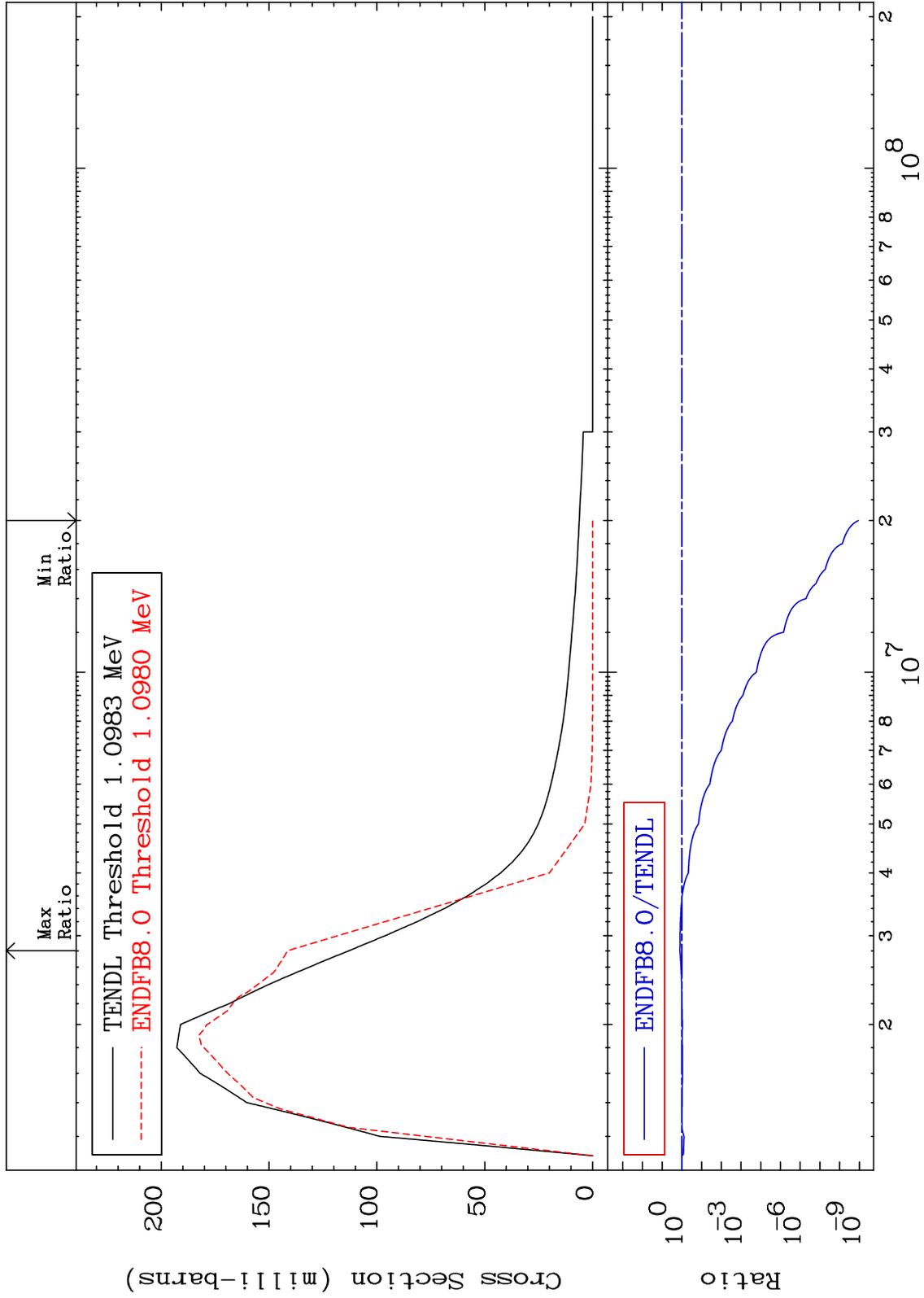
51-Sb-125
-100.0 To 79.01 %



MAT 5137

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

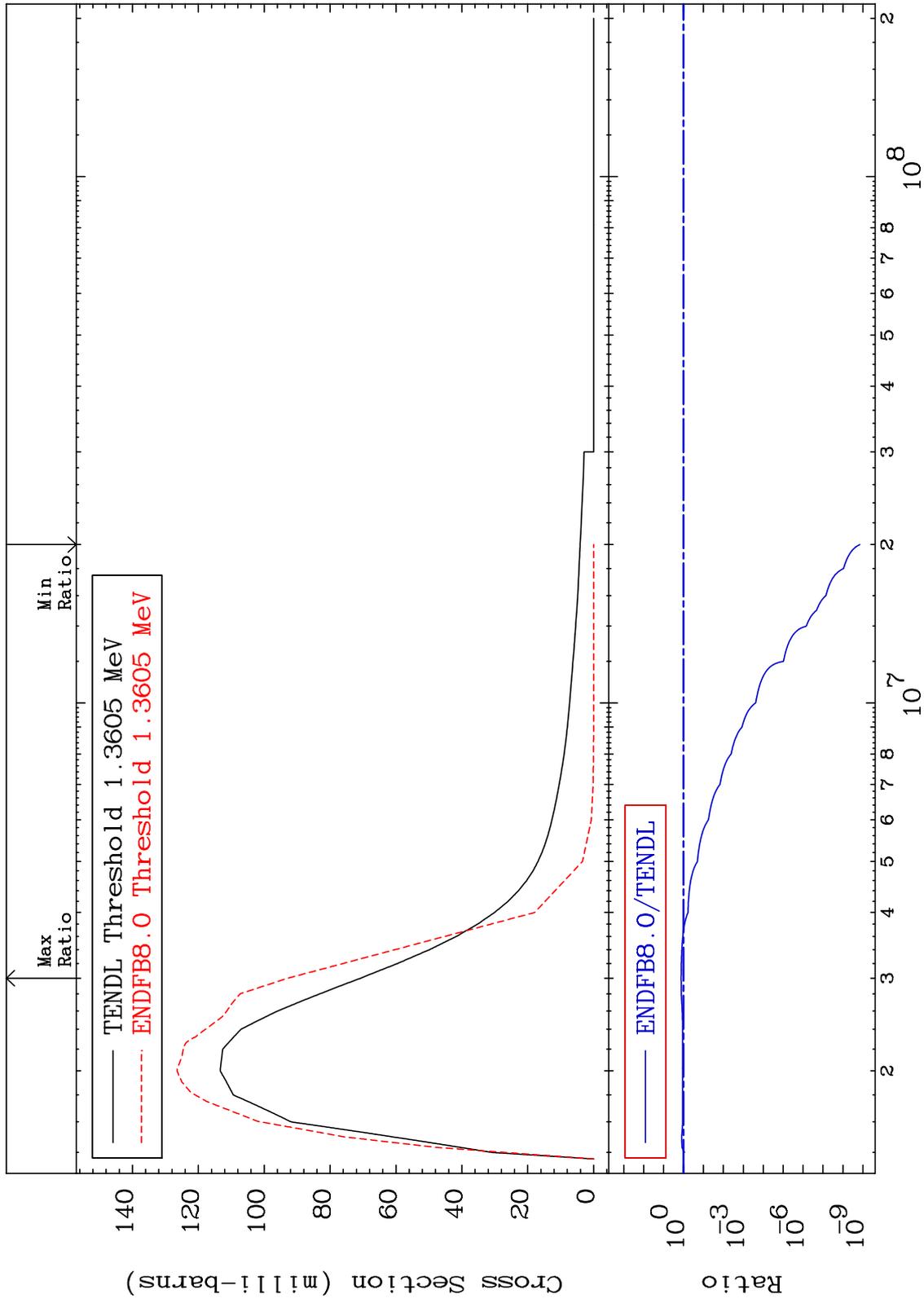
51-Sb-125
-100.0 To 25.28 %



MAT 5137

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

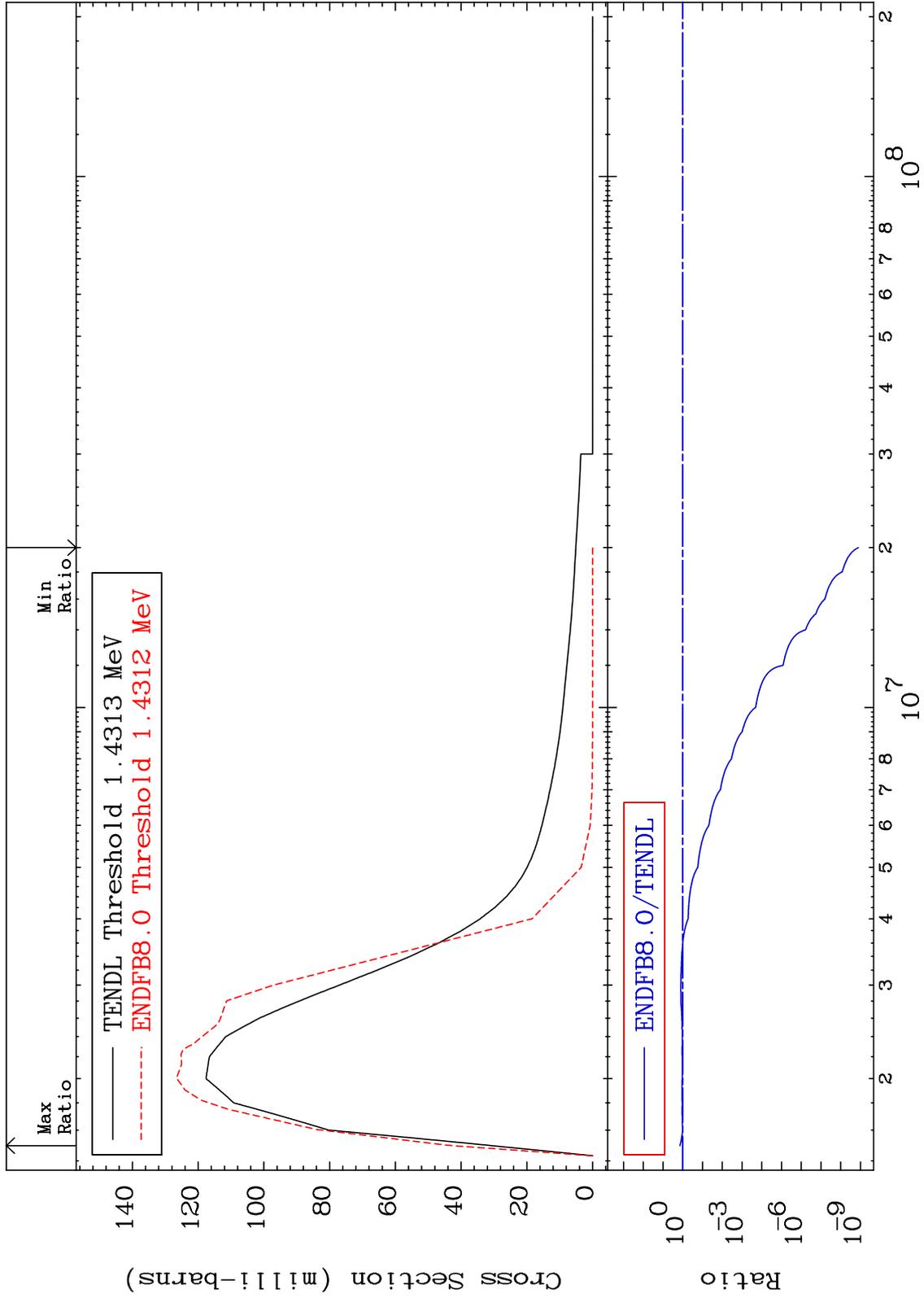
51-Sb-125
-100.0 To 31.26 %



MAT 5137

MT= 57 (n, n') Level
Cross Section

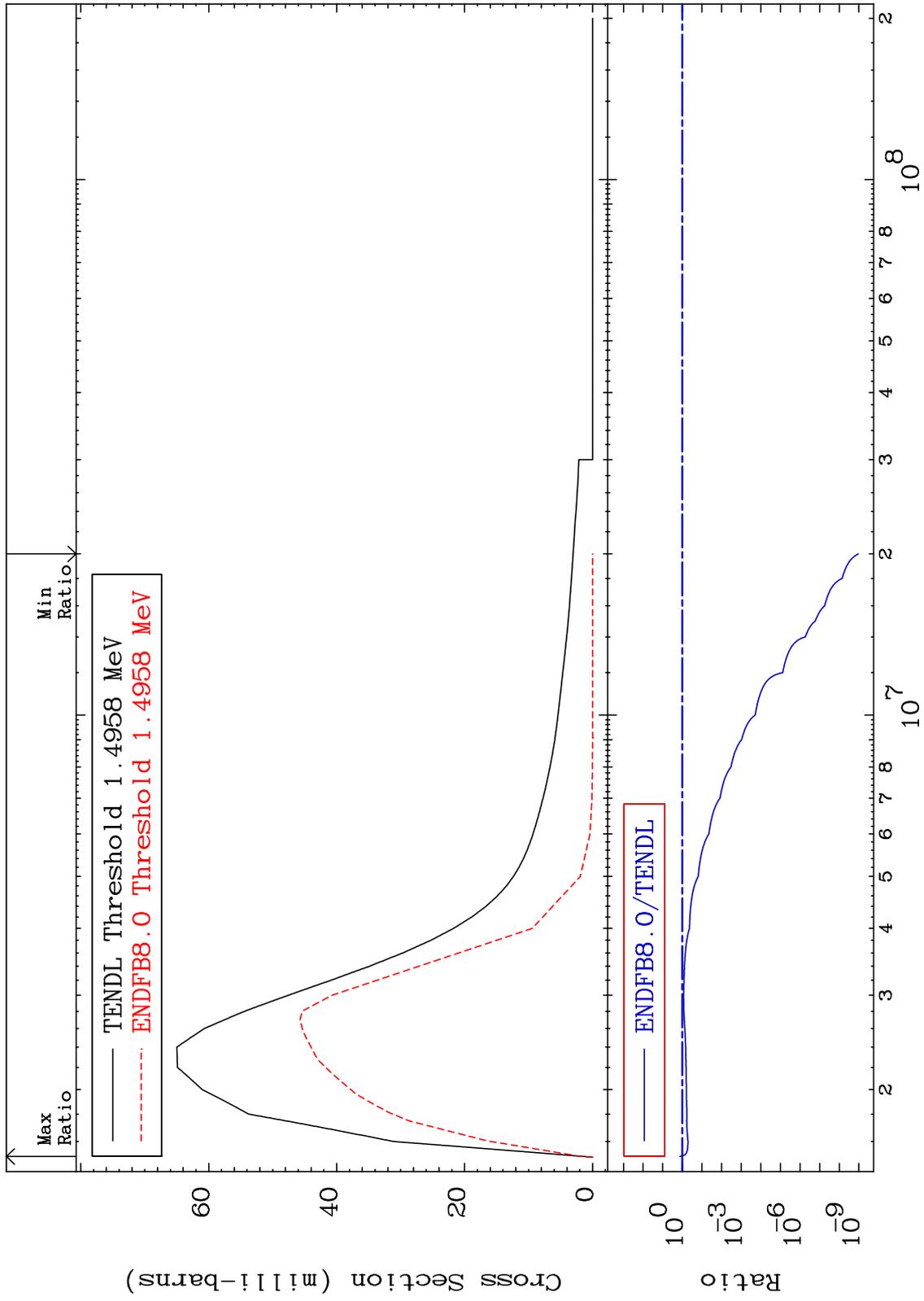
51-Sb-125
-100.0 To 39.58 %



MAT 5137

MT= 58 (n,n') Level
Cross Section

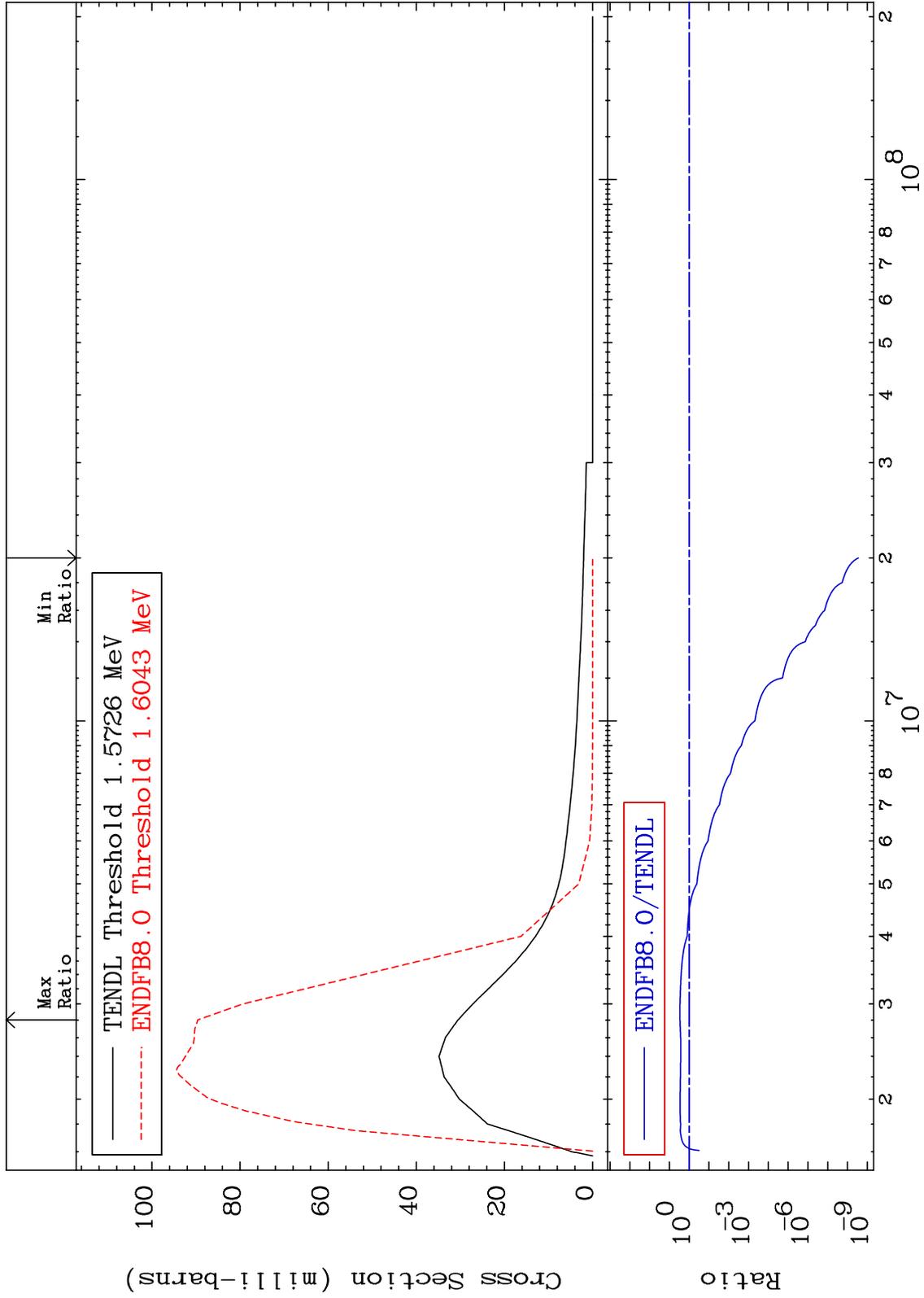
51-Sb-125
-100.0 To 32.49 %



MAT 5137

MT= 59 (n, n') Level
Cross Section

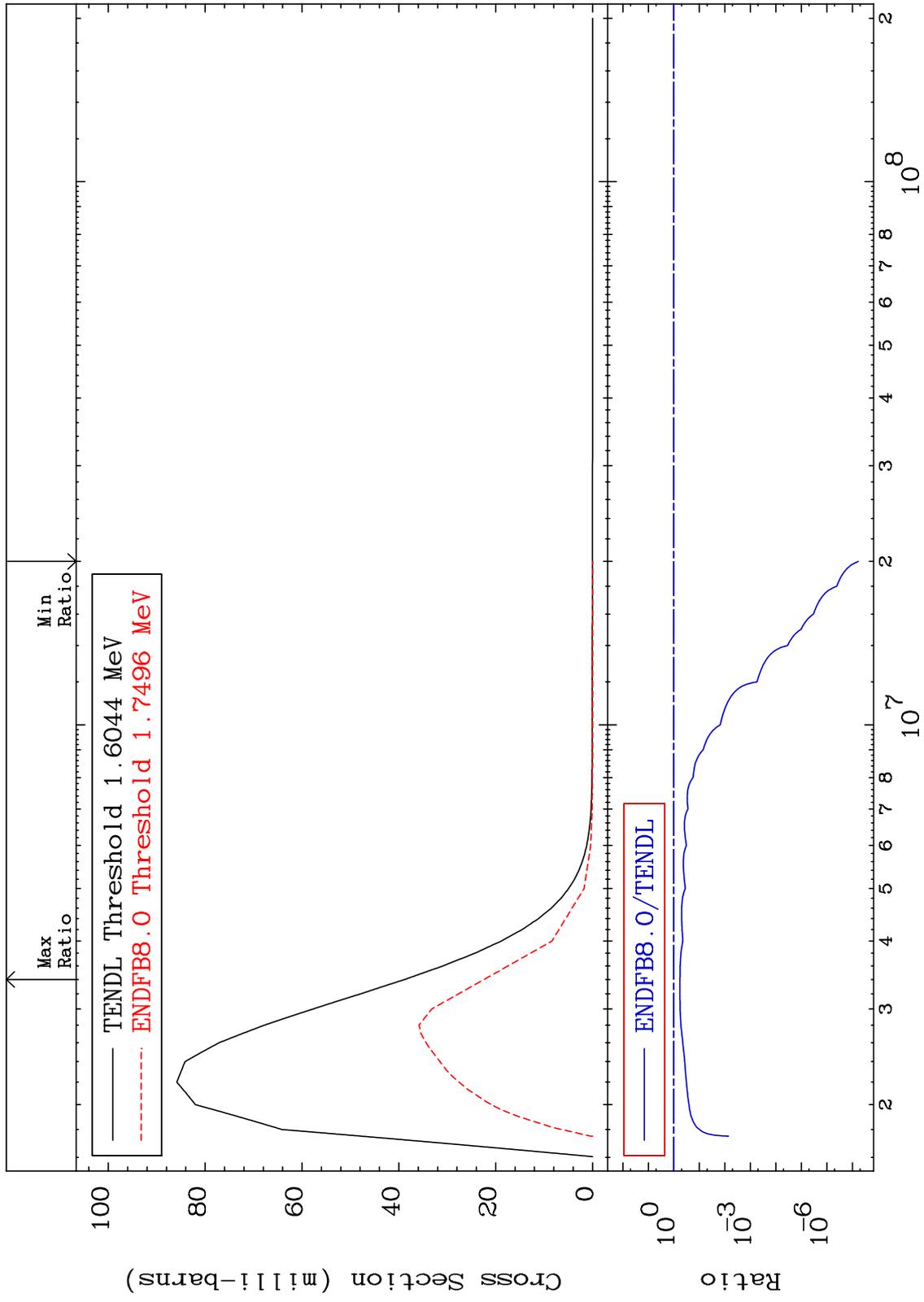
51-Sb-125
-100.0 To 193.5 %



MAT 5137

MT= 60 (n,n') Level
Cross Section

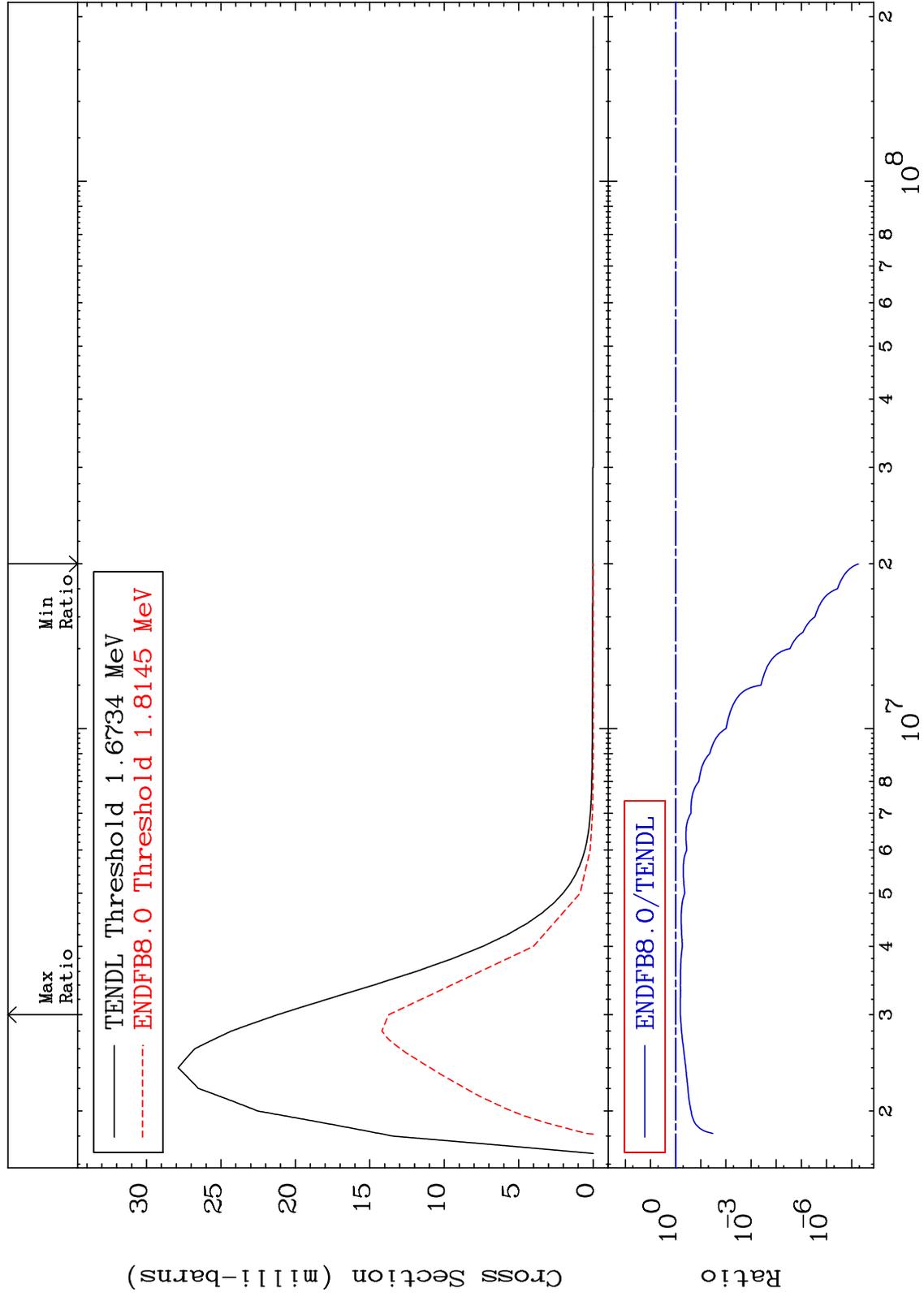
51-Sb-125
-100.0 To -42.19%



MAT 5137

MT= 61 (n,n') Level
Cross Section

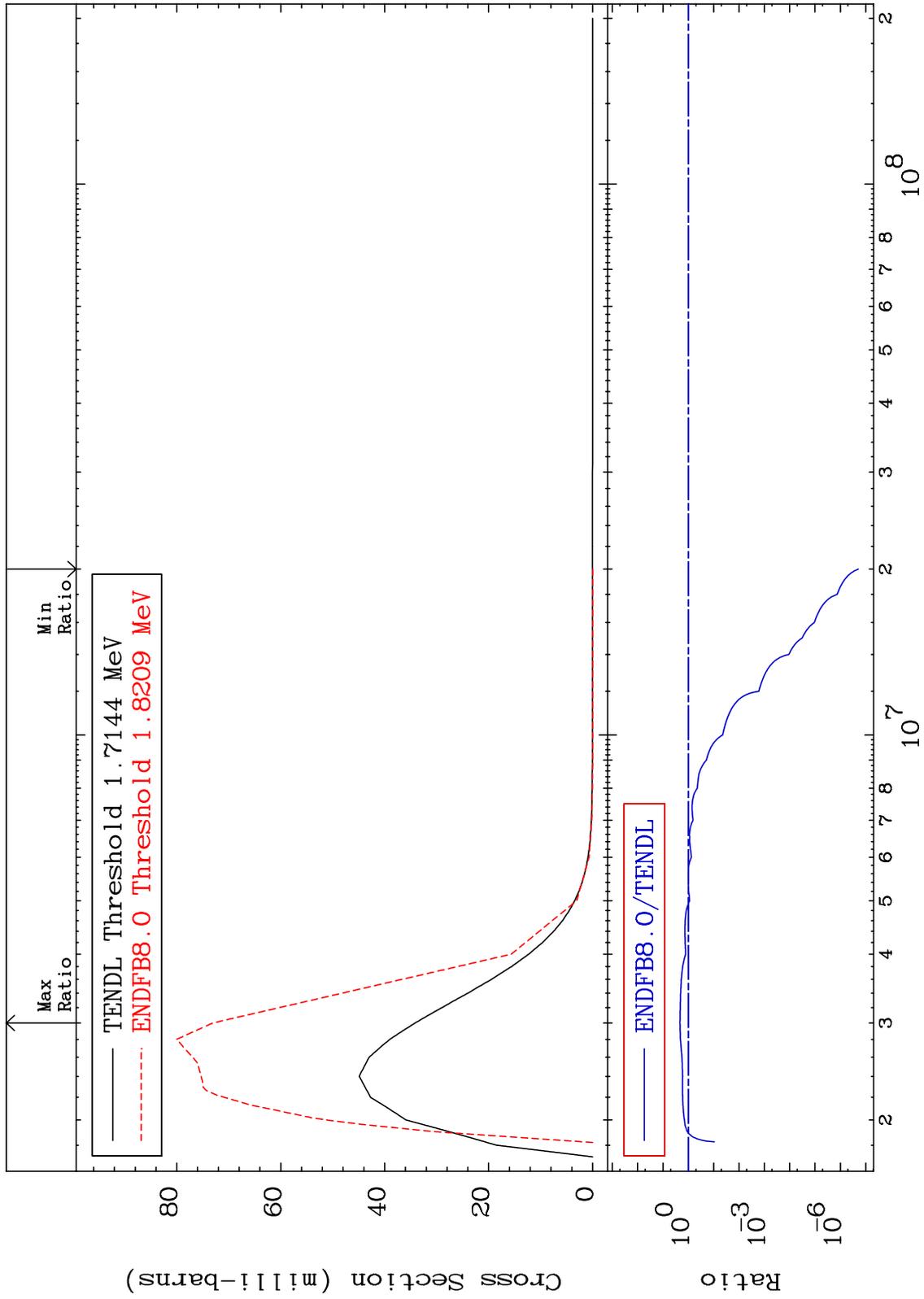
51-Sb-125
-100.0 To -35.18%



MAT 5137

MT= 62 (n,n') Level
Cross Section

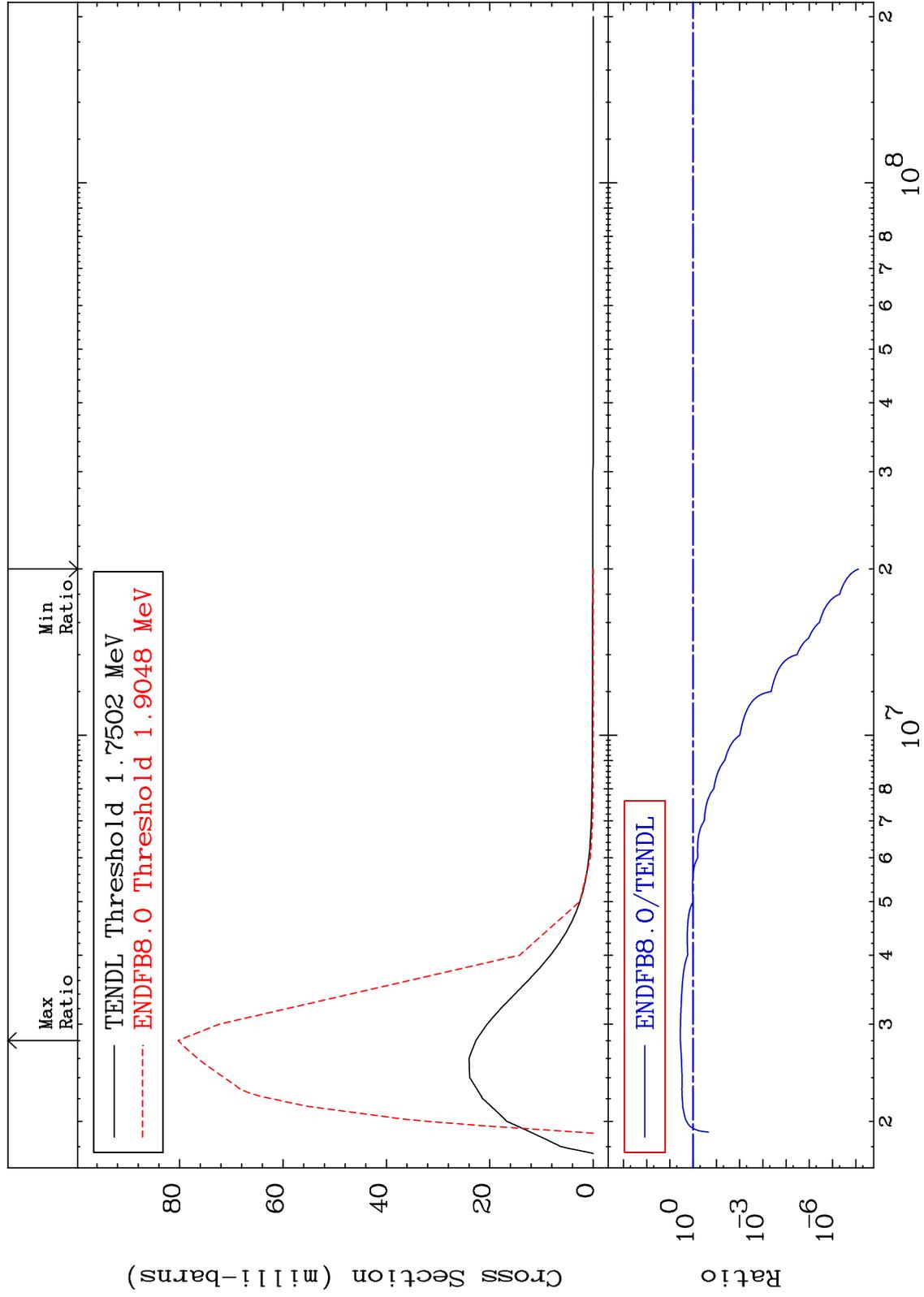
51-Sb-125
-100.0 To 114.1 %



MAT 5137

MT= 63 (n,n') Level
Cross Section

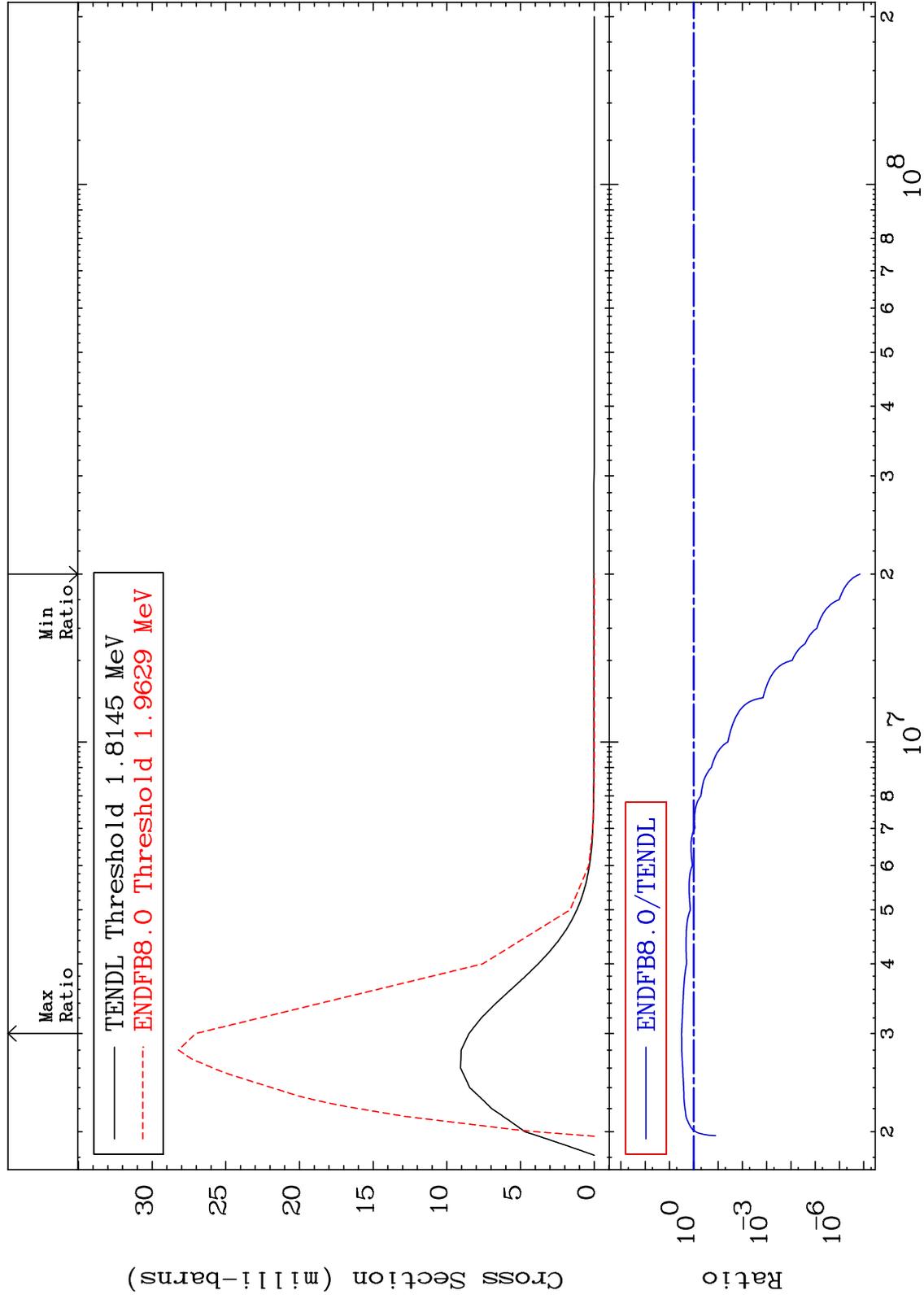
51-Sb-125
-100.0 To 254.1 %



MAT 5137

MT= 64 (n,n') Level
Cross Section

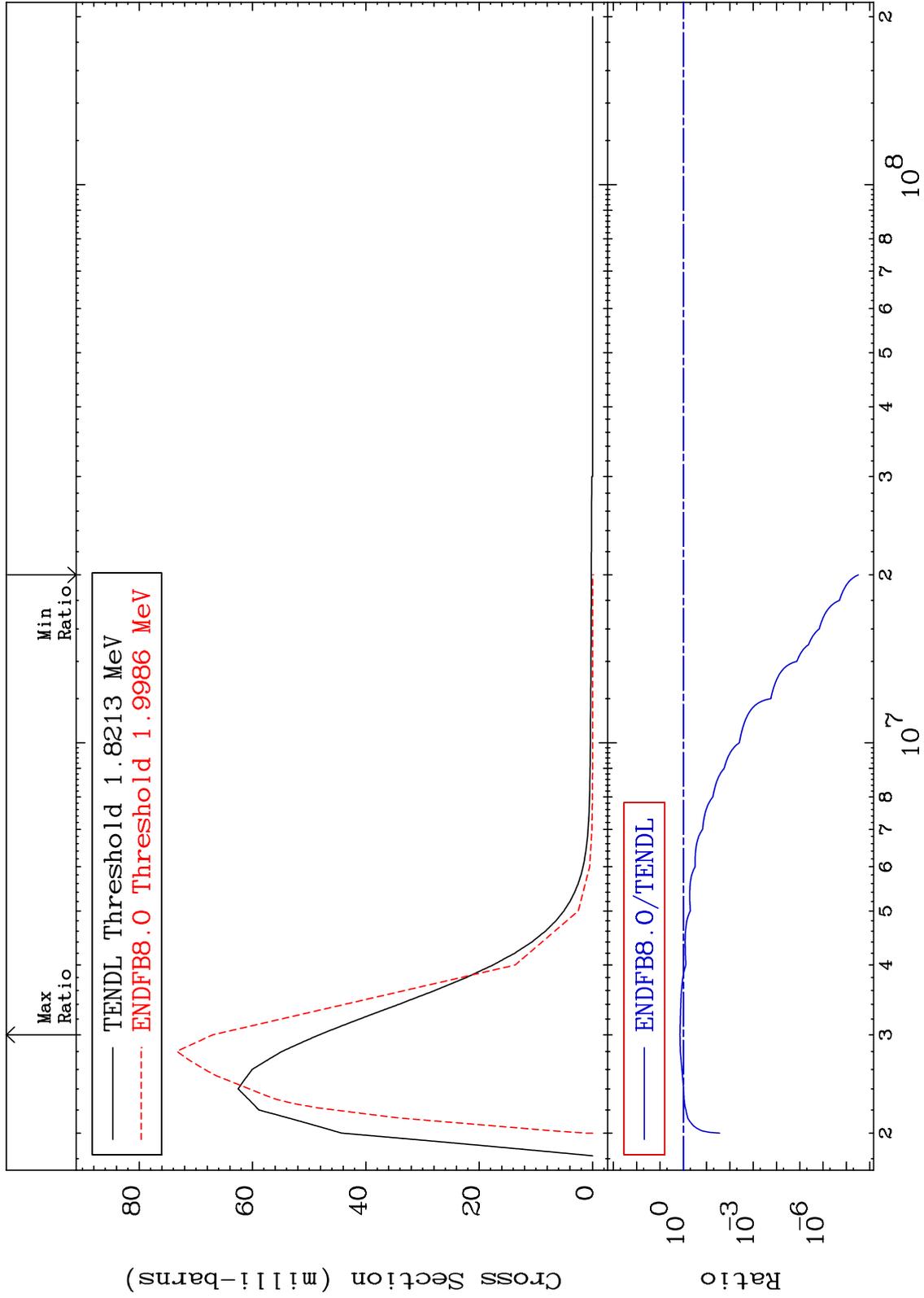
51-Sb-125
-100.0 To 218.3 %



MAT 5137

MT= 65 (n,n') Level
Cross Section

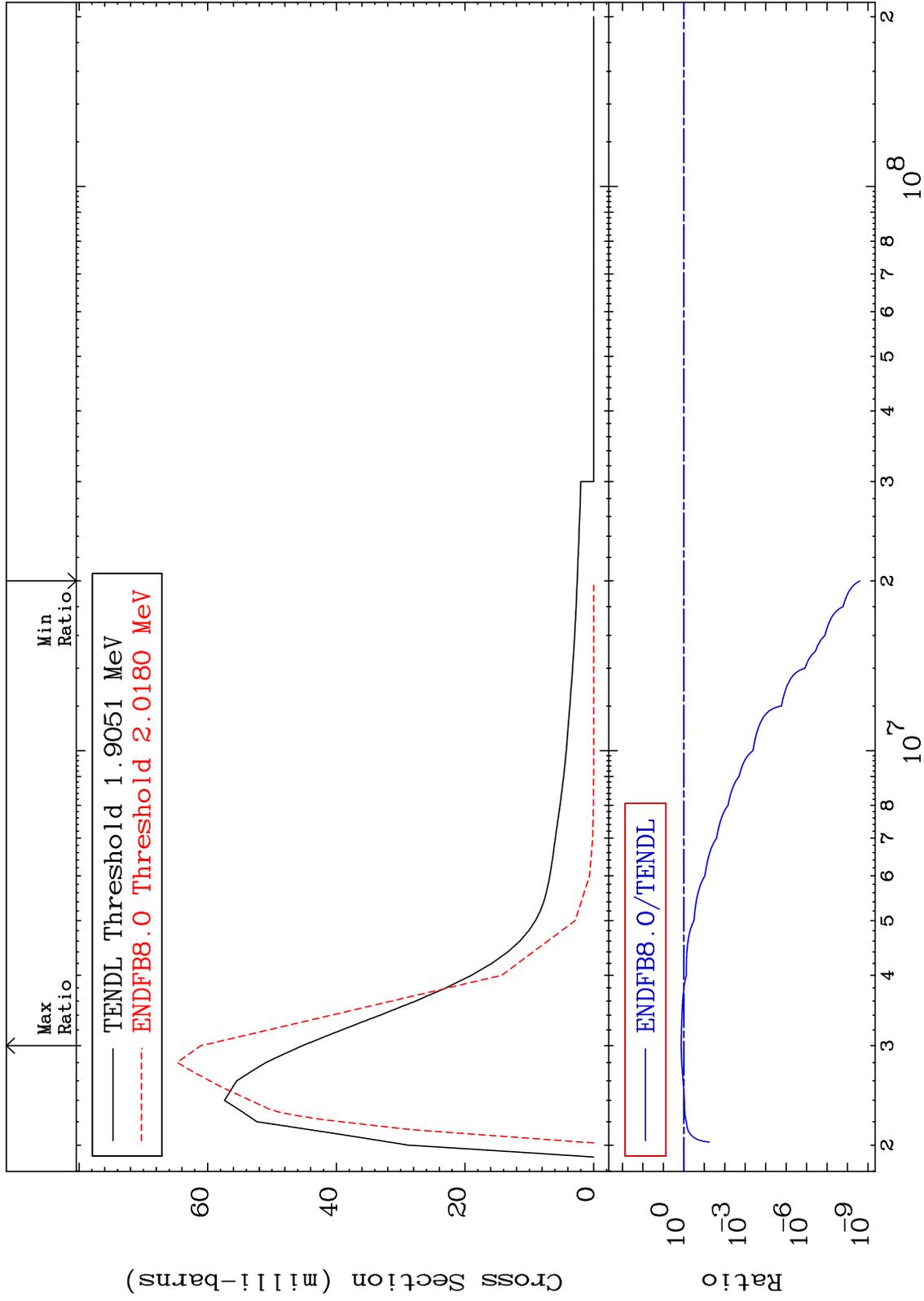
51-Sb-125
-100.0 To 38.95 %



MAT 5137

MT= 66 (n,n') Level
Cross Section

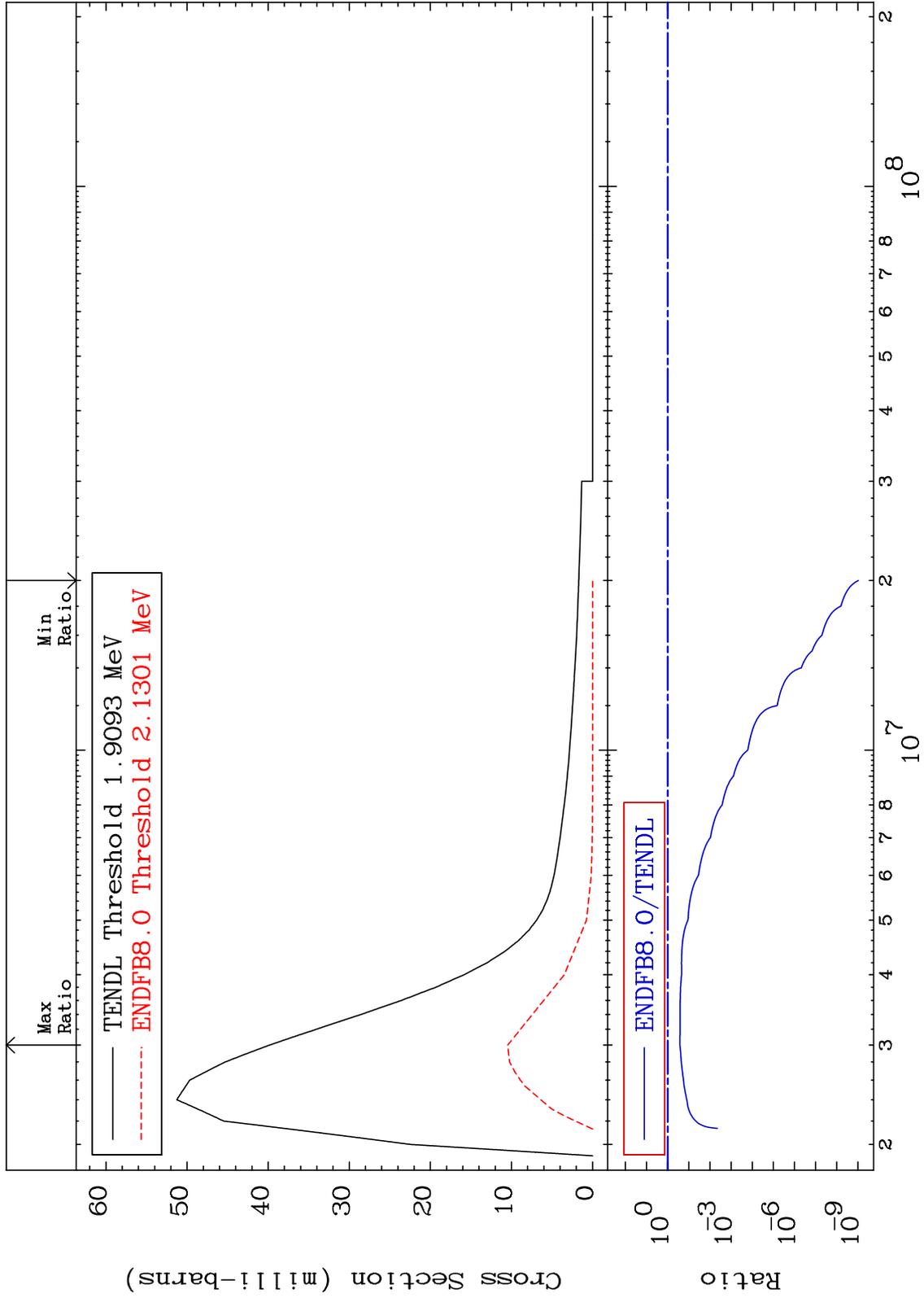
51-Sb-125
-100.0 To 34.89 %



MAT 5137

MT= 67 (n, n') Level
Cross Section

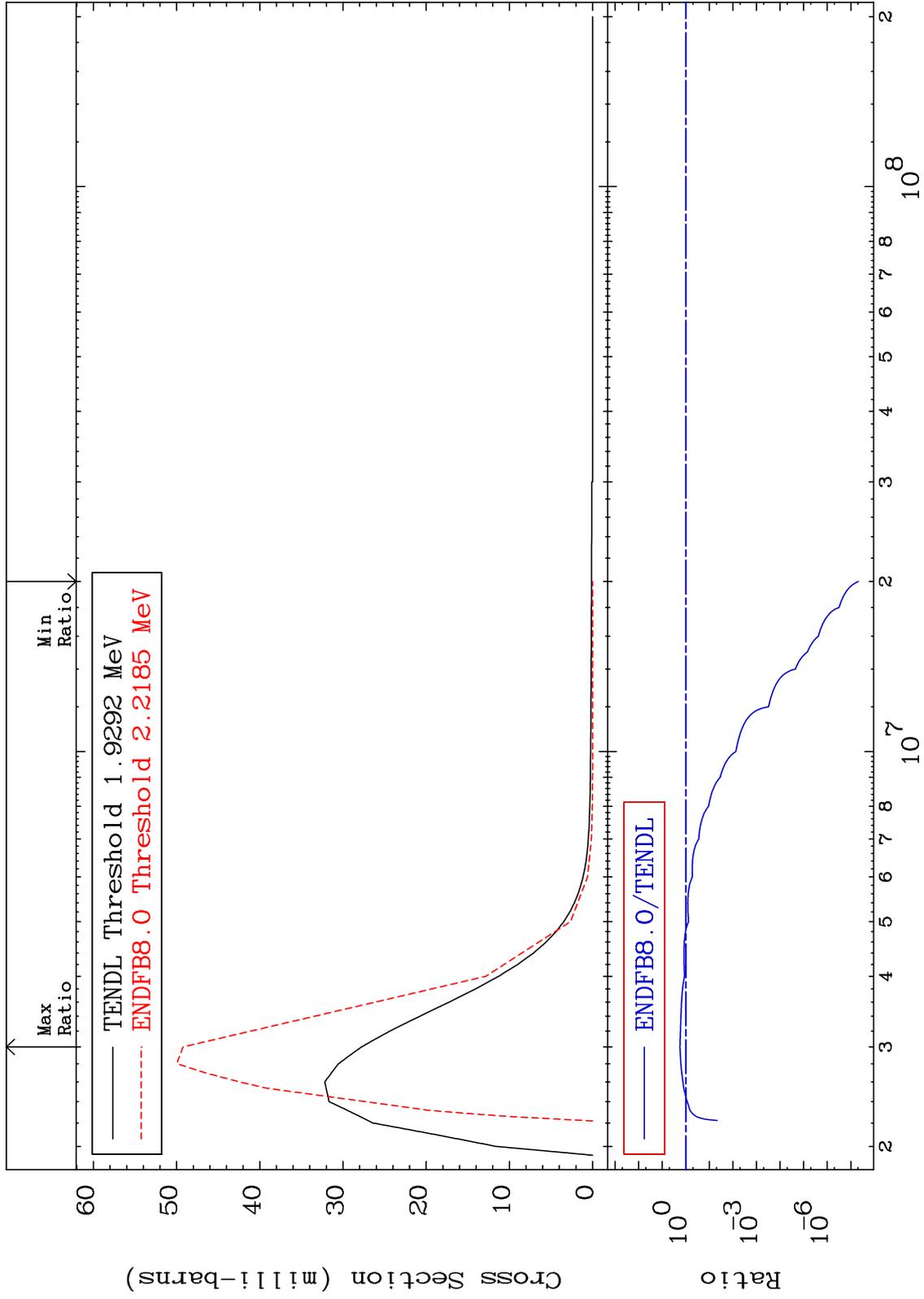
51-Sb-125
-100.0 To -73.74%



MAT 5137

MT= 68 (n,n') Level
Cross Section

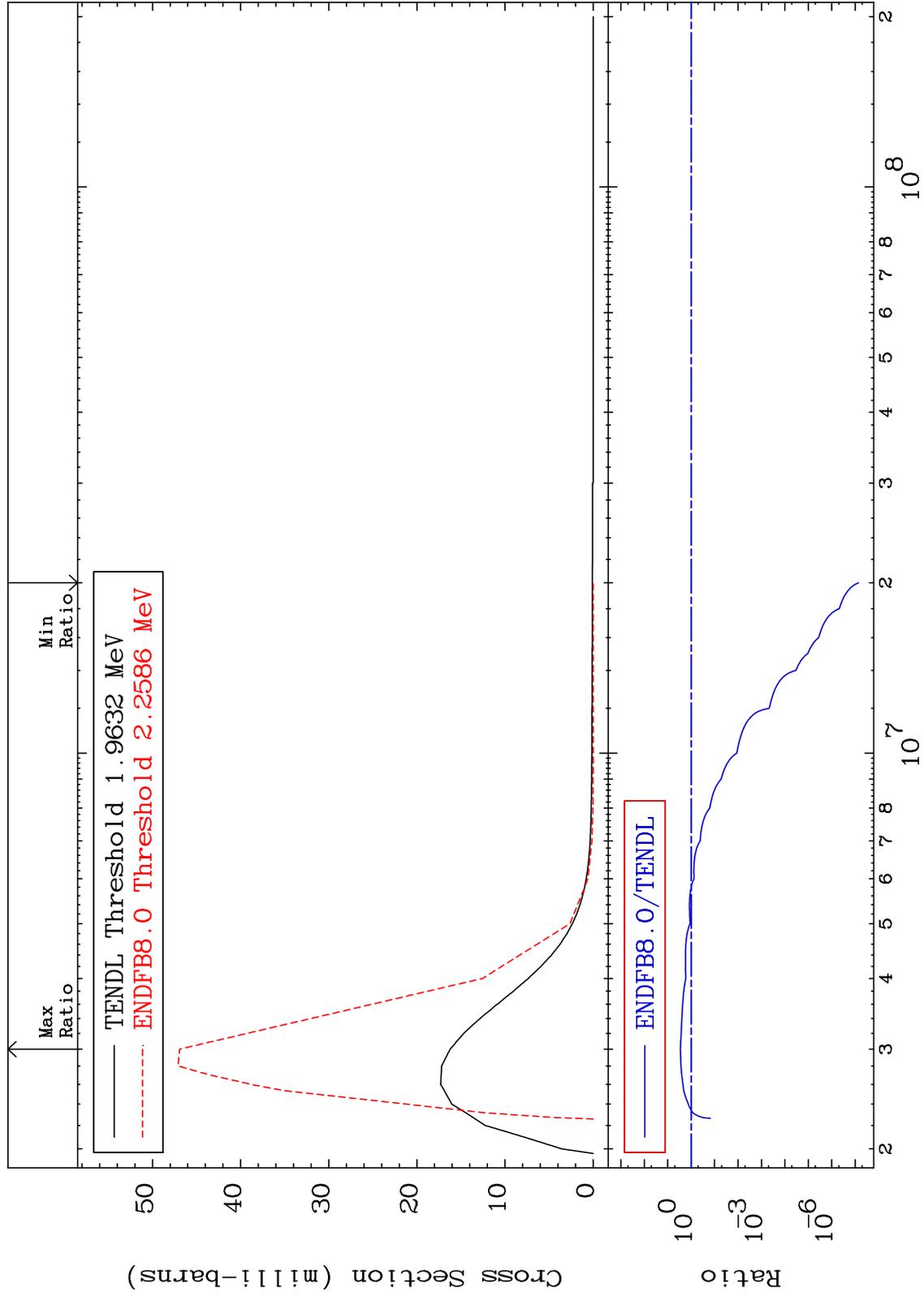
51-Sb-125
-100.0 To 77.36 %



MAT 5137

MT= 69 (n,n') Level
Cross Section

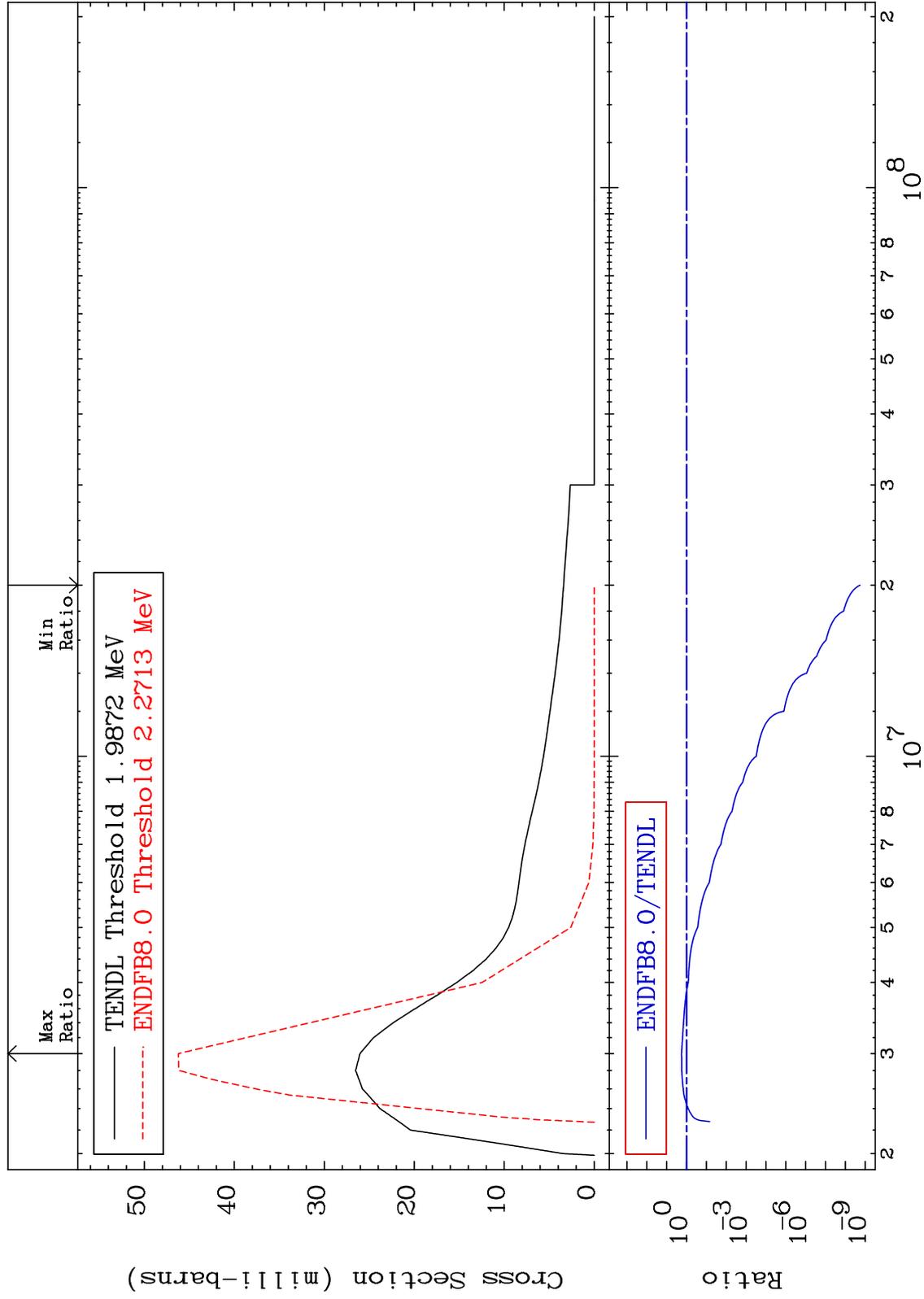
51-Sb-125
-100.0 To 189.2 %



MAT 5137

MT= 70 (n,n') Level
Cross Section

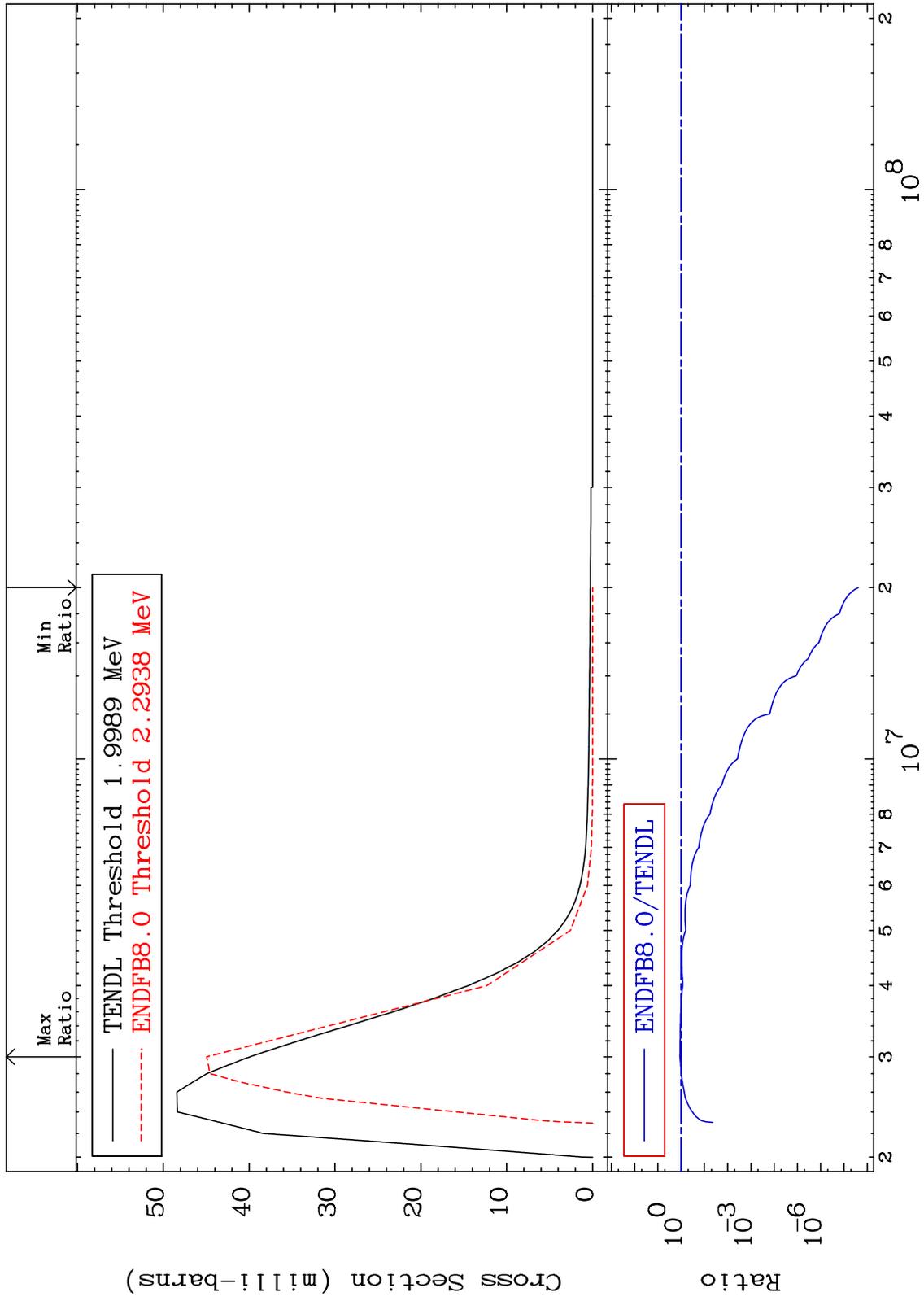
51-Sb-125
-100.0 To 77.55 %



MAT 5137

MT= 71 (n,n') Level
Cross Section

51-Sb-125
-100.0 To 12.62 %



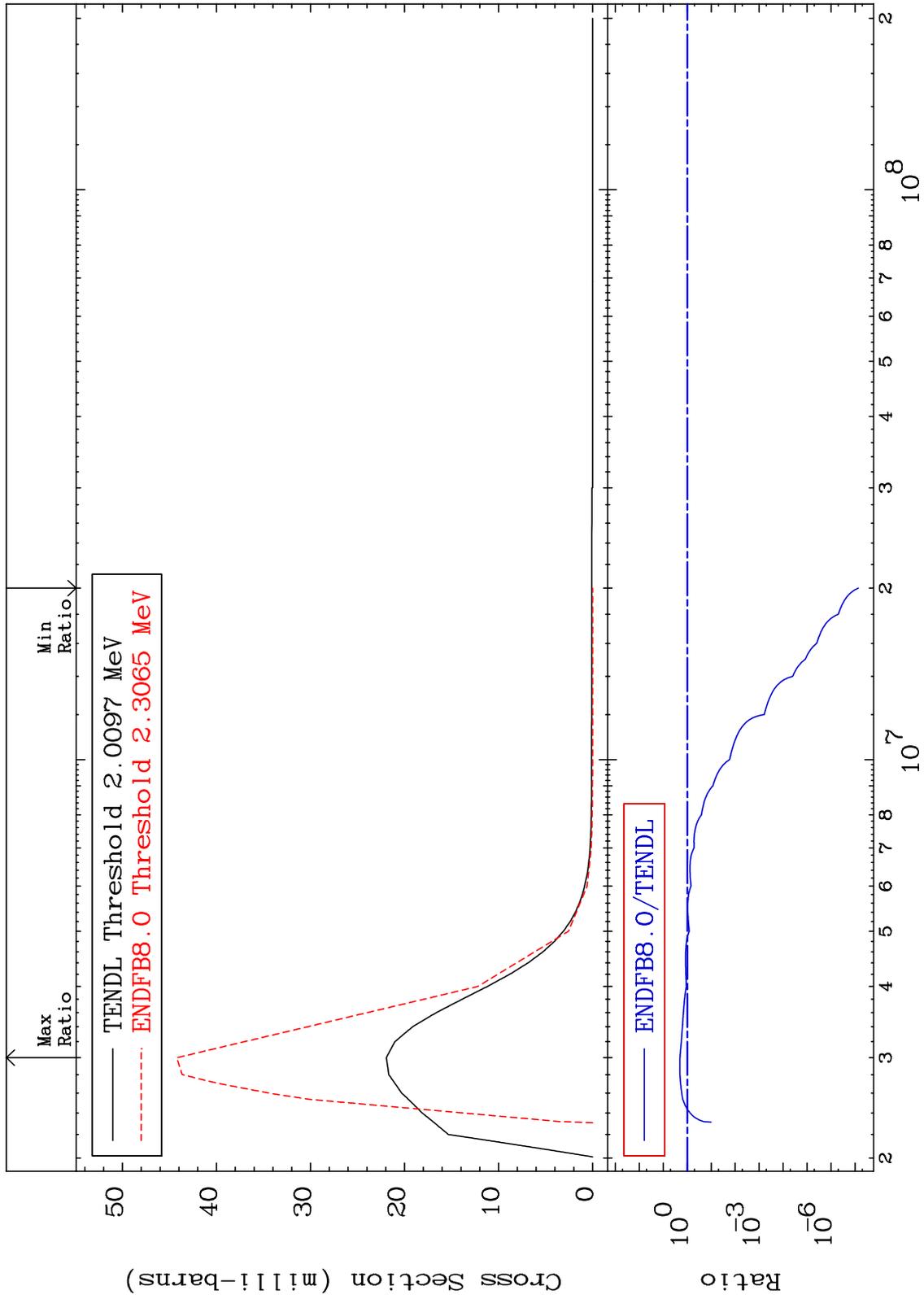
30

51-Sb-125

MAT 5137

MT= 72 (n,n') Level
Cross Section

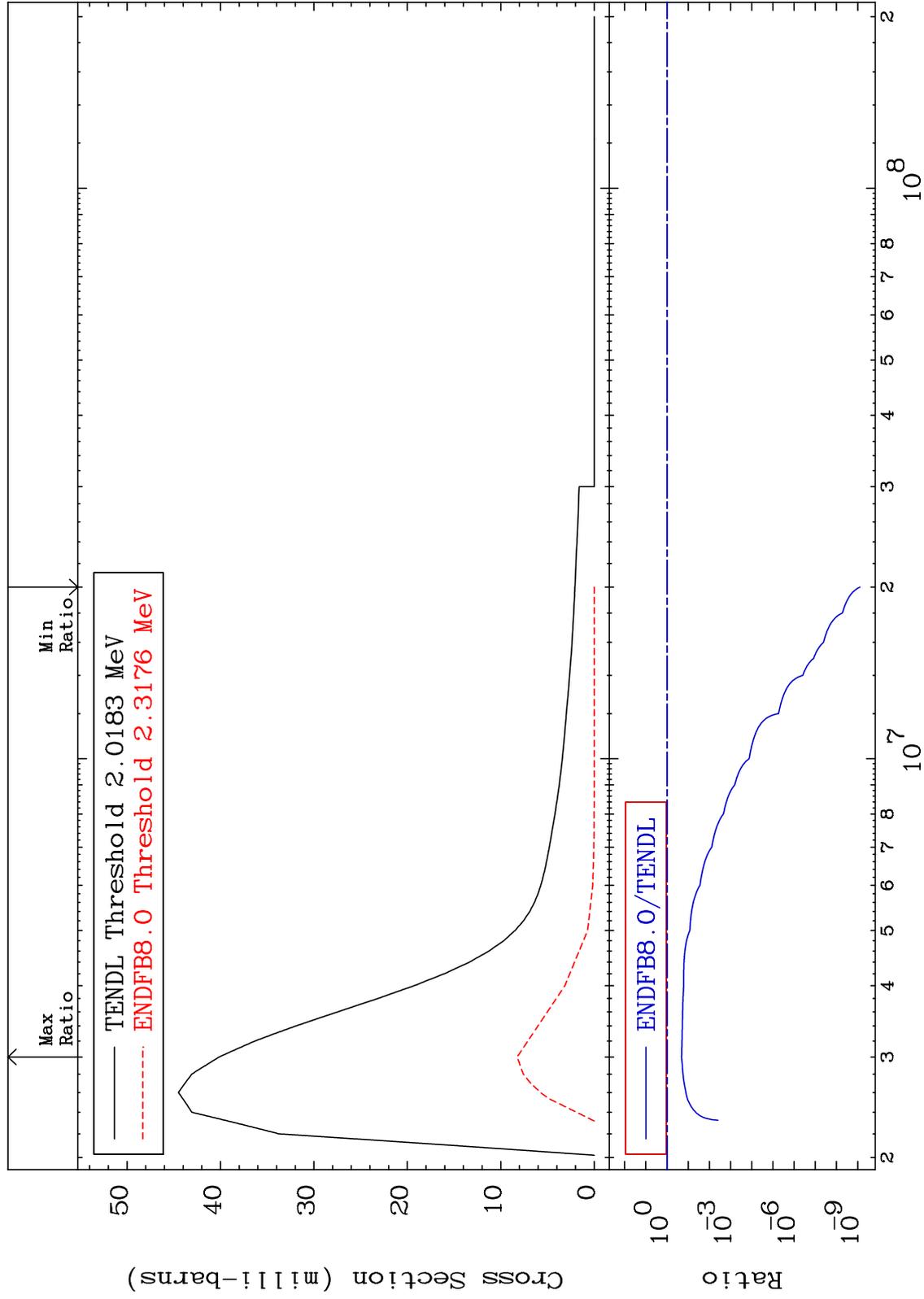
51-Sb-125
-100.0 To 101.6 %



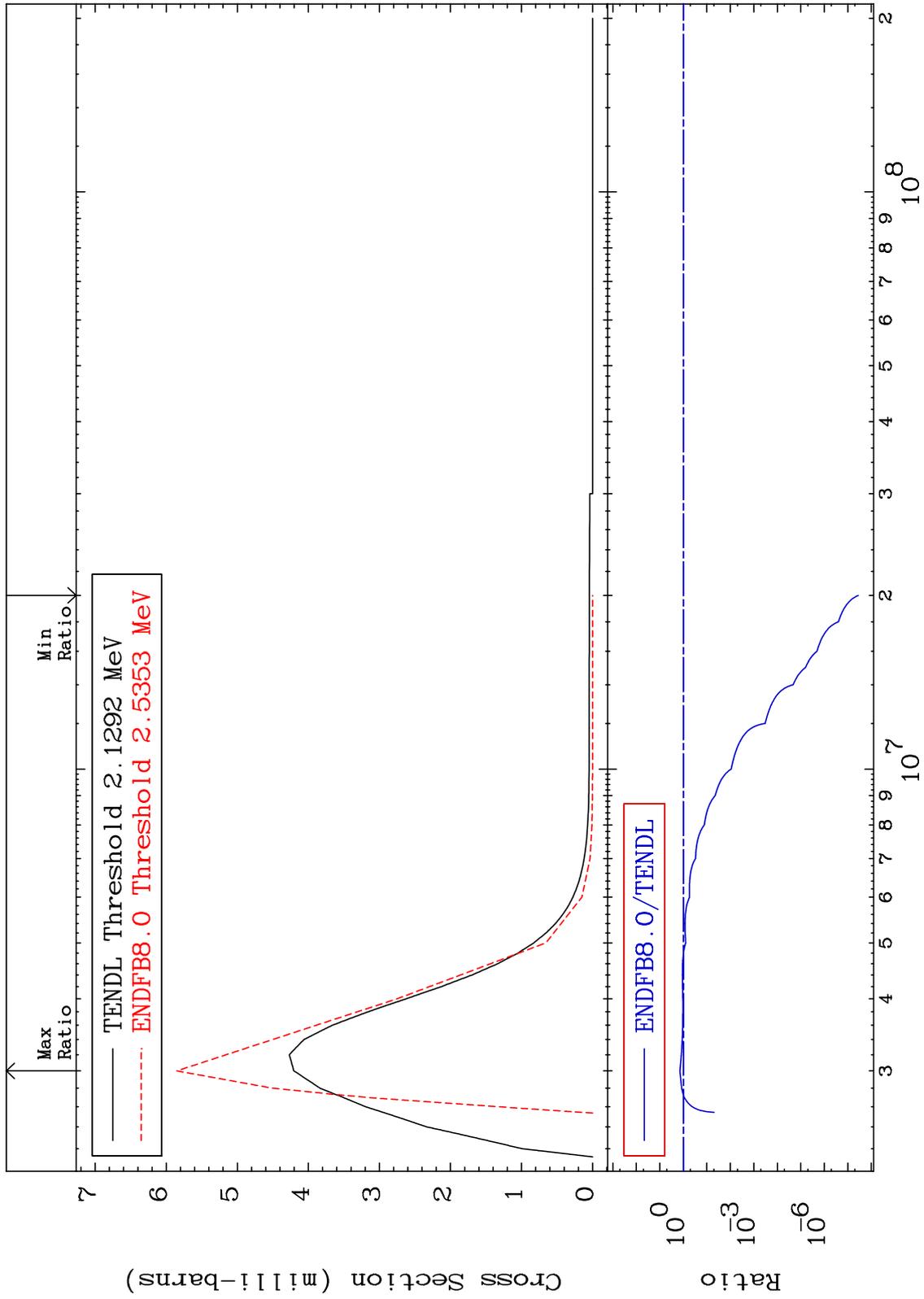
MAT 5137

MT= 73 (n,n') Level
Cross Section

51-Sb-125
-100.0 To -79.46%



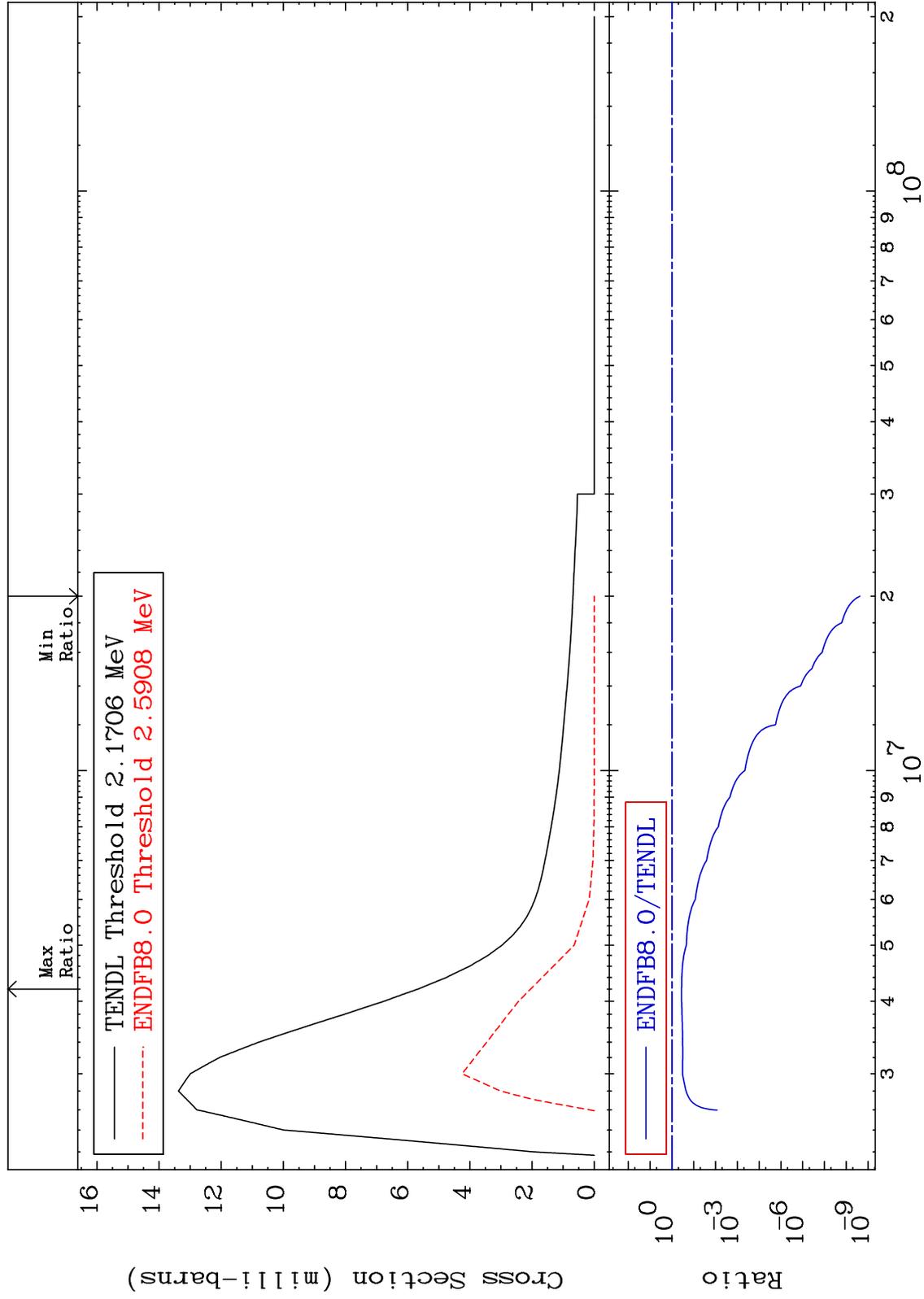
MAT 5137 MT= 74 (n,n') Level Cross Section 51-Sb-125
 -100.0 To 39.17 %



MAT 5137

MT= 75 (n,n') Level
Cross Section

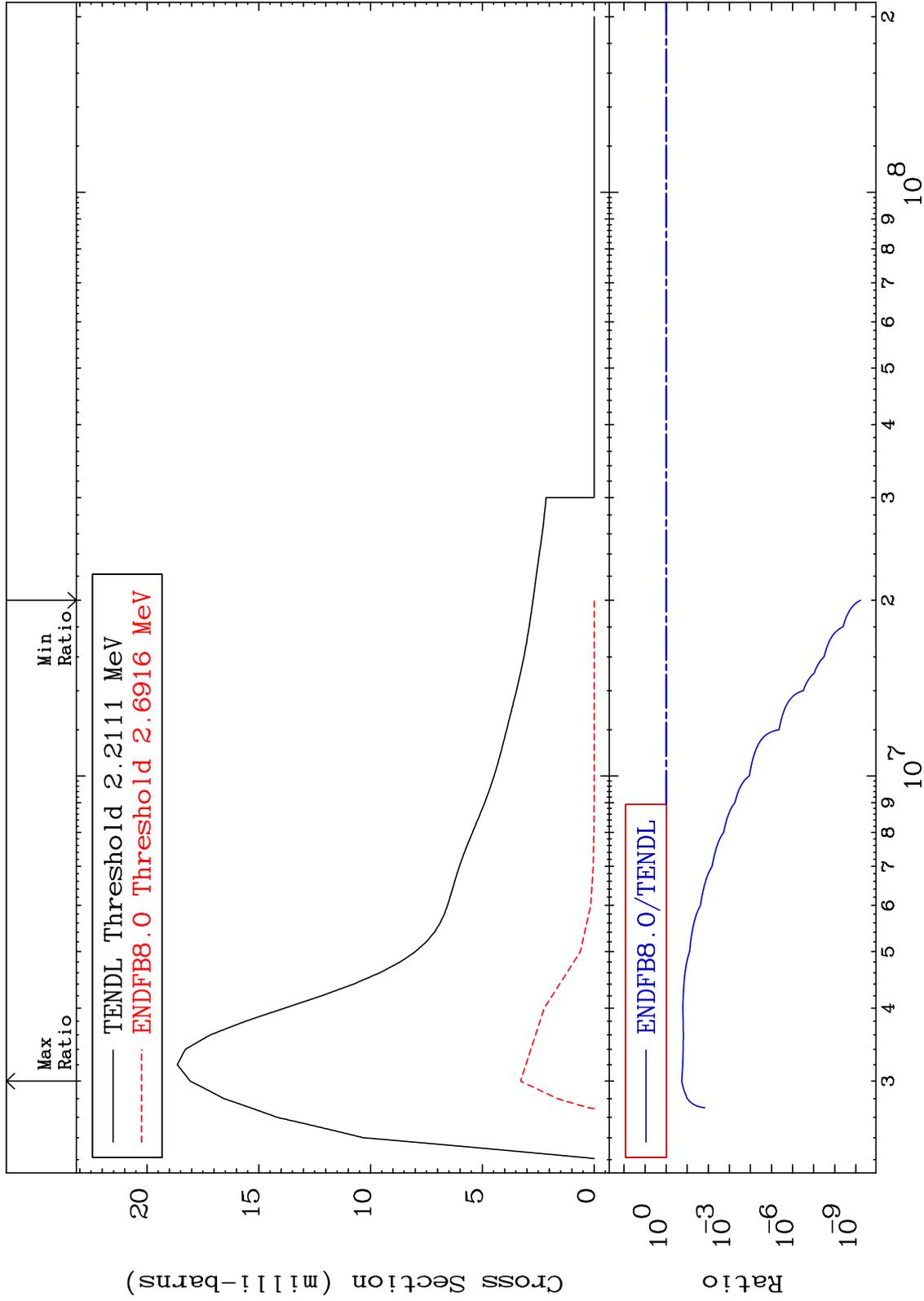
51-Sb-125
-100.0 To -63.95%



MAT 5137

MT= 76 (n,n') Level
Cross Section

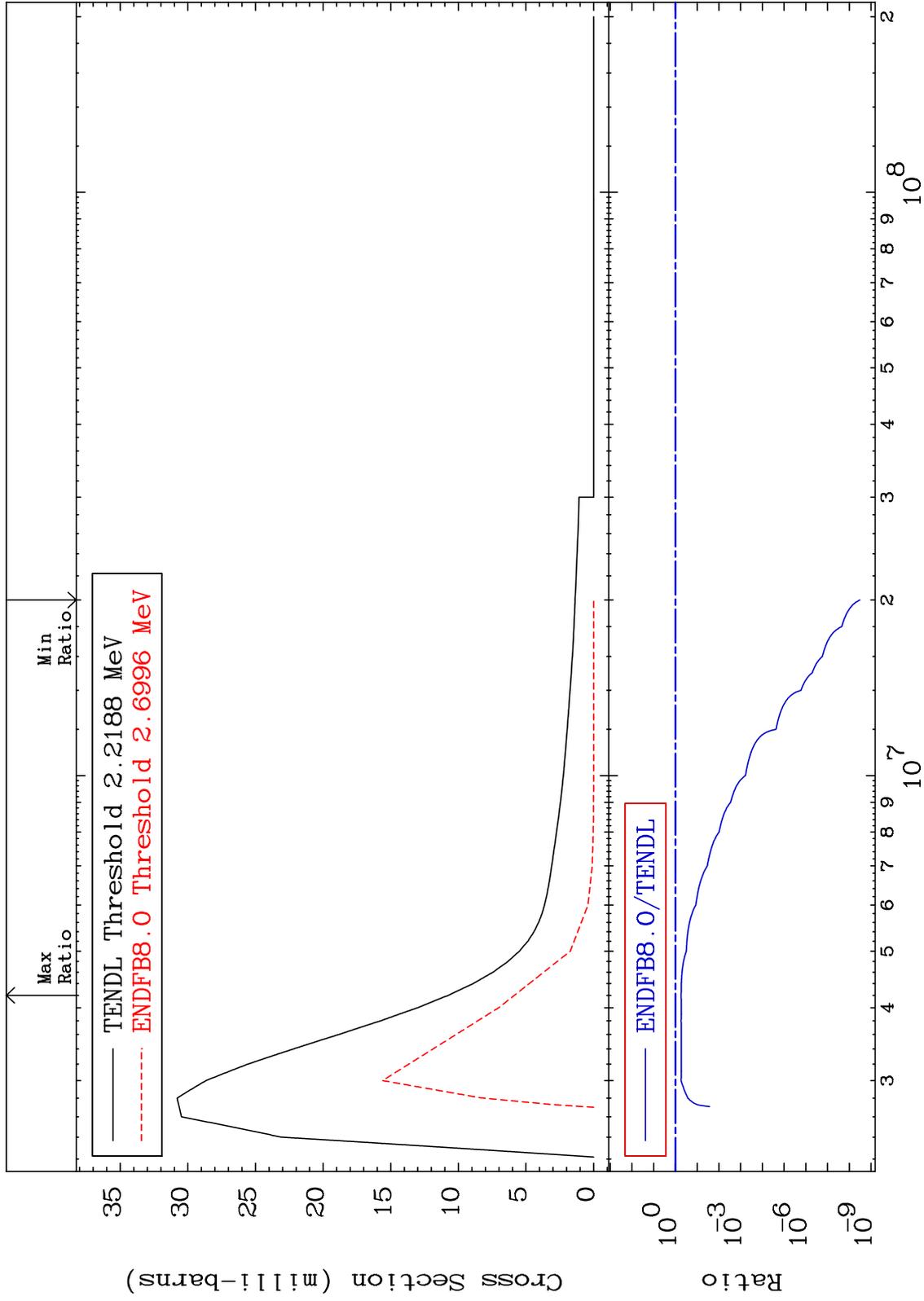
51-Sb-125
-100.0 To -81.80%



MAT 5137

MT= 77 (n, n') Level
Cross Section

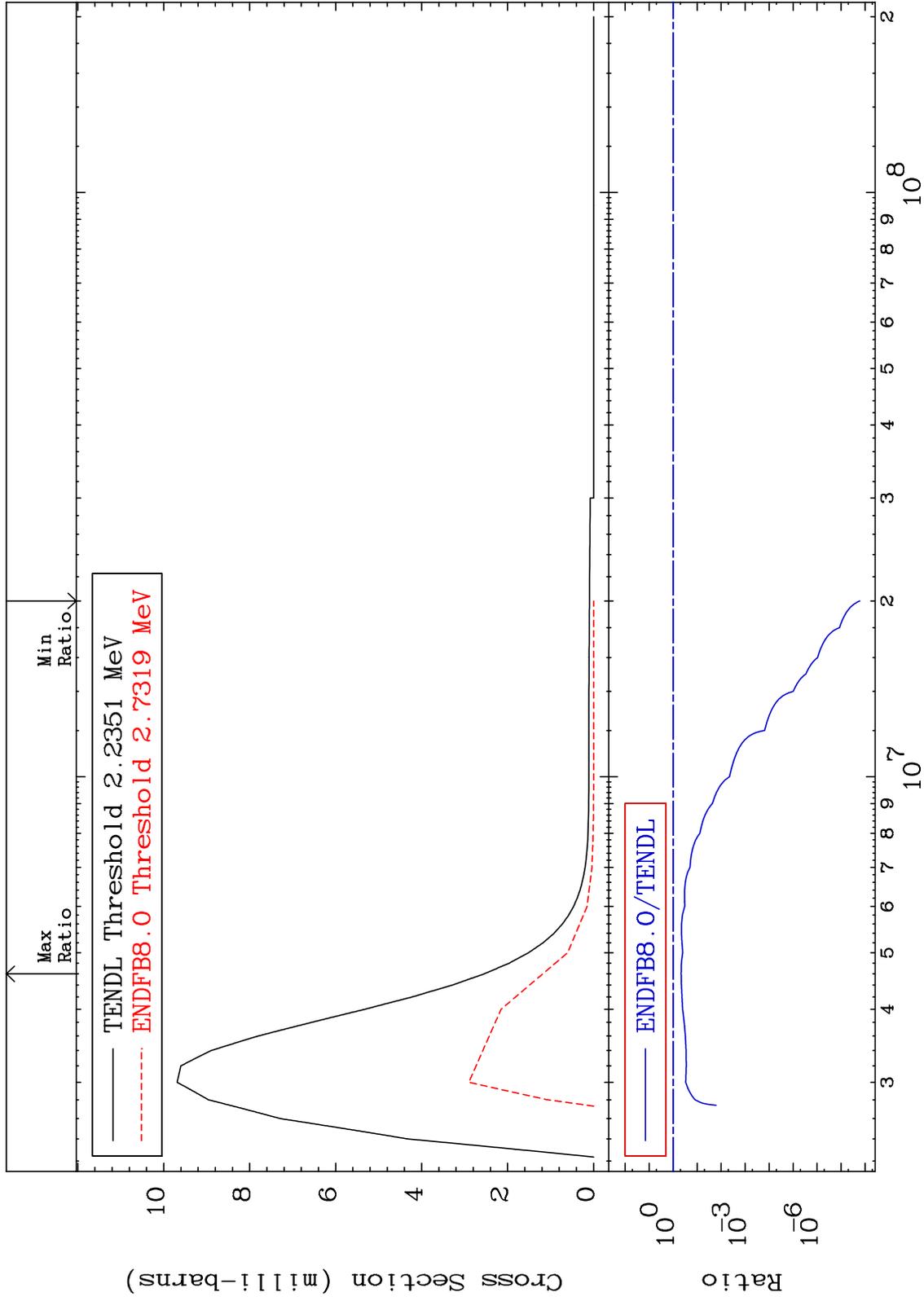
51-Sb-125
-100.0 To -45.43%



MAT 5137

MT= 78 (n,n') Level
Cross Section

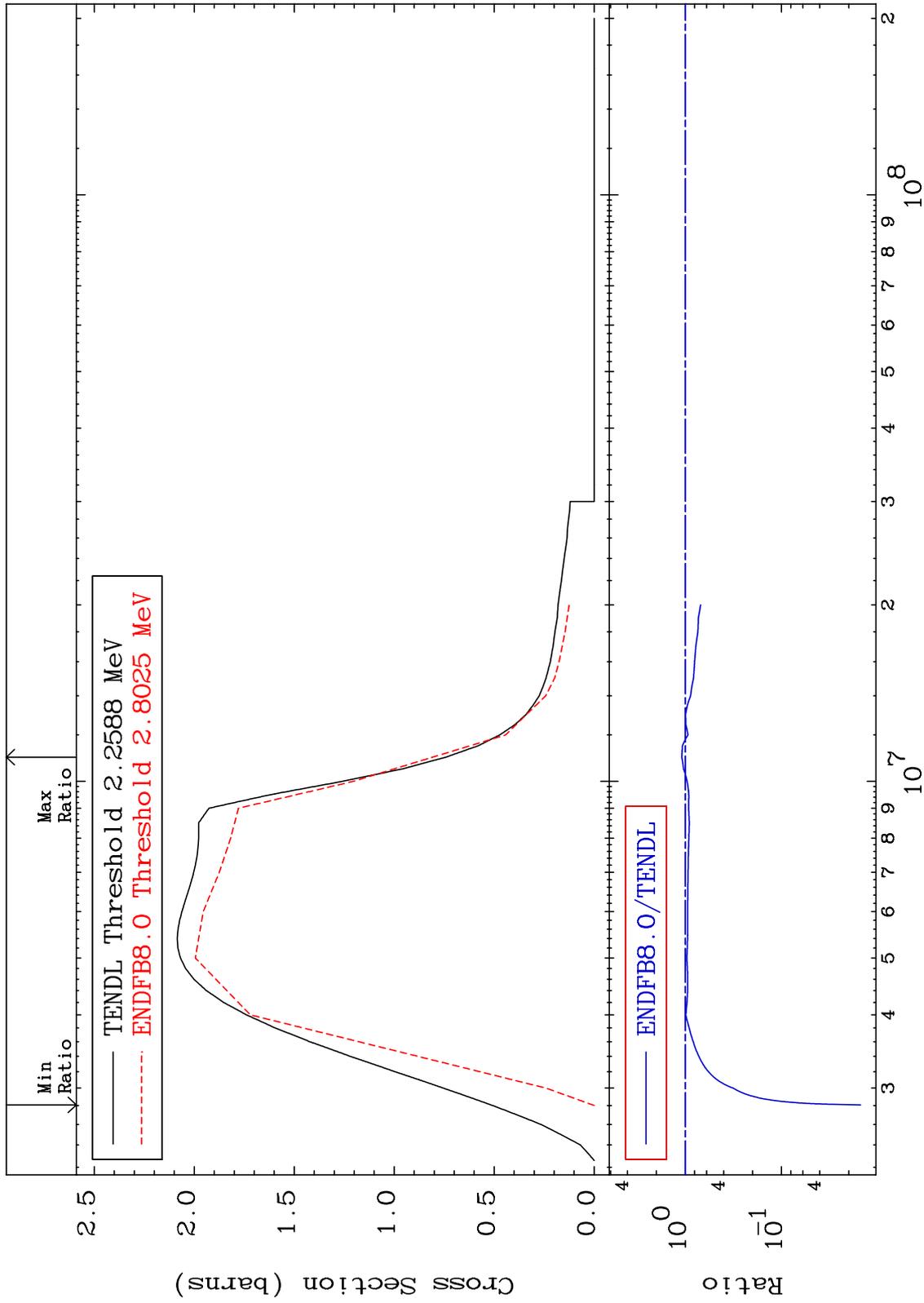
51-Sb-125
-100.0 To -53.47%



MAT 5137

(n, n') Continuum
Cross Section

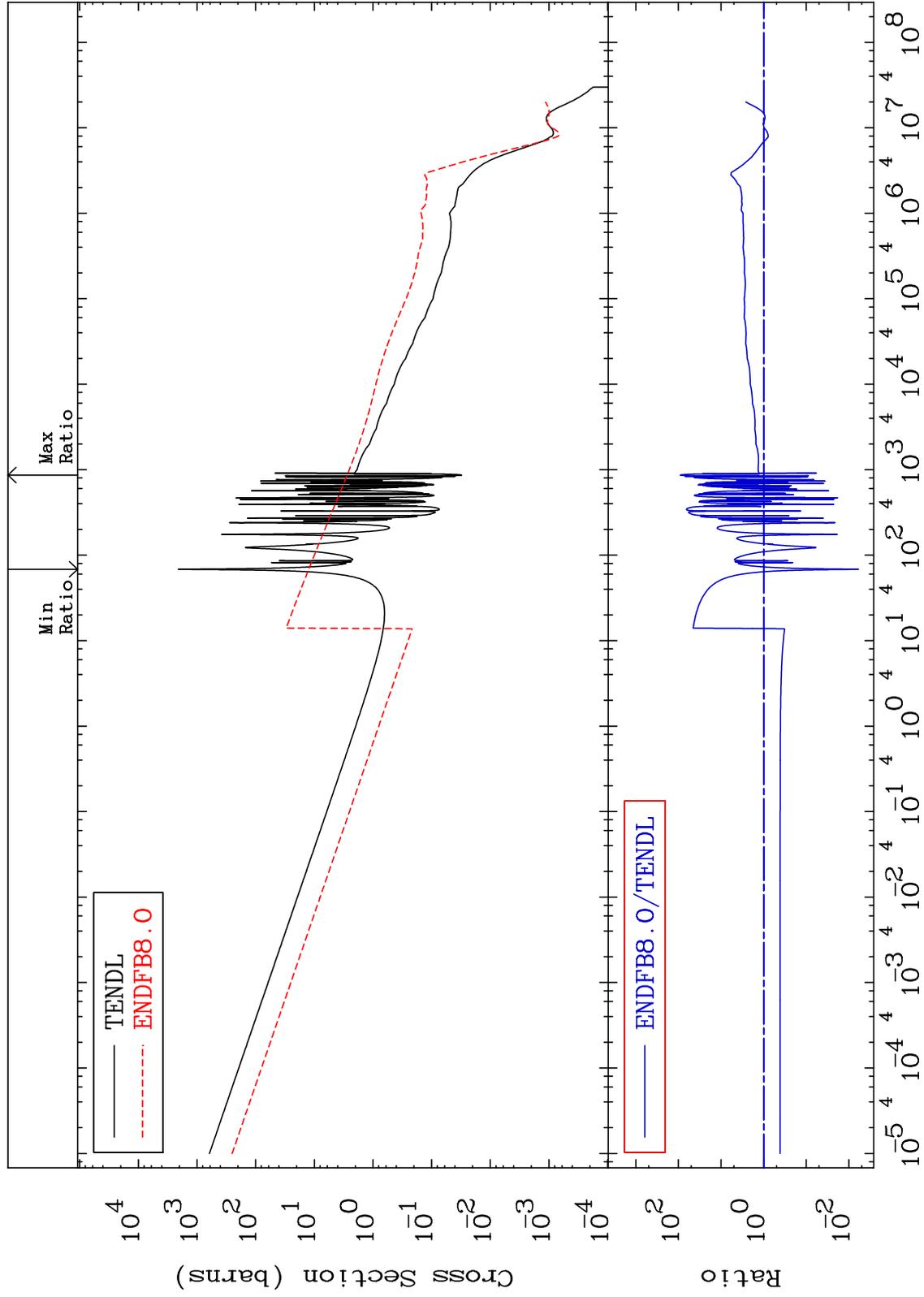
51-Sb-125
-98.50 To 8.960 %



MAT 5137

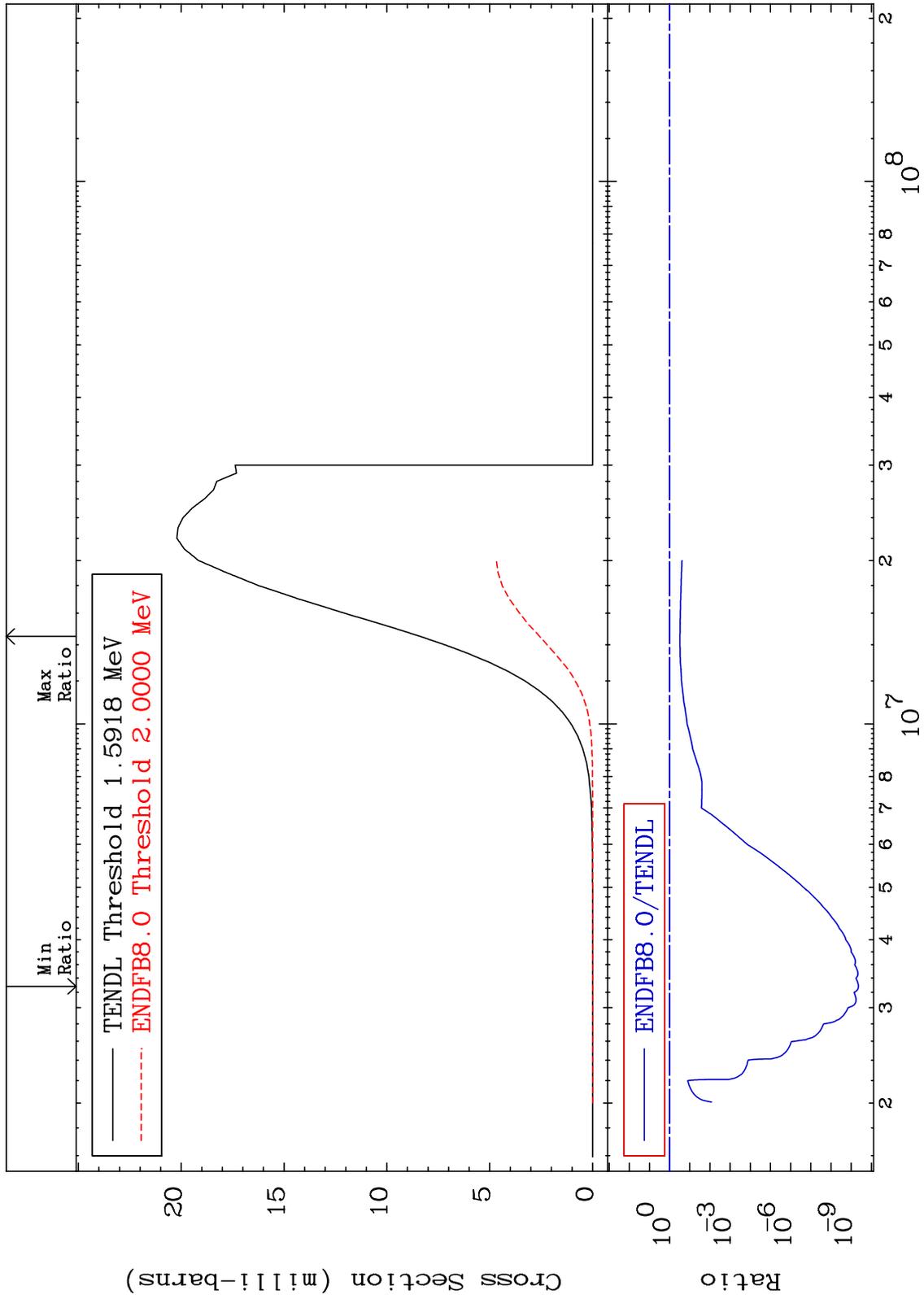
(n, γ)
Cross Section

51-Sb-125
-99.41 To 8905. %



MAT 5137

(n,p) Cross Section
51-Sb-125
-100.0 To -69.22%



40

Incident Energy (eV)

51-Sb-125

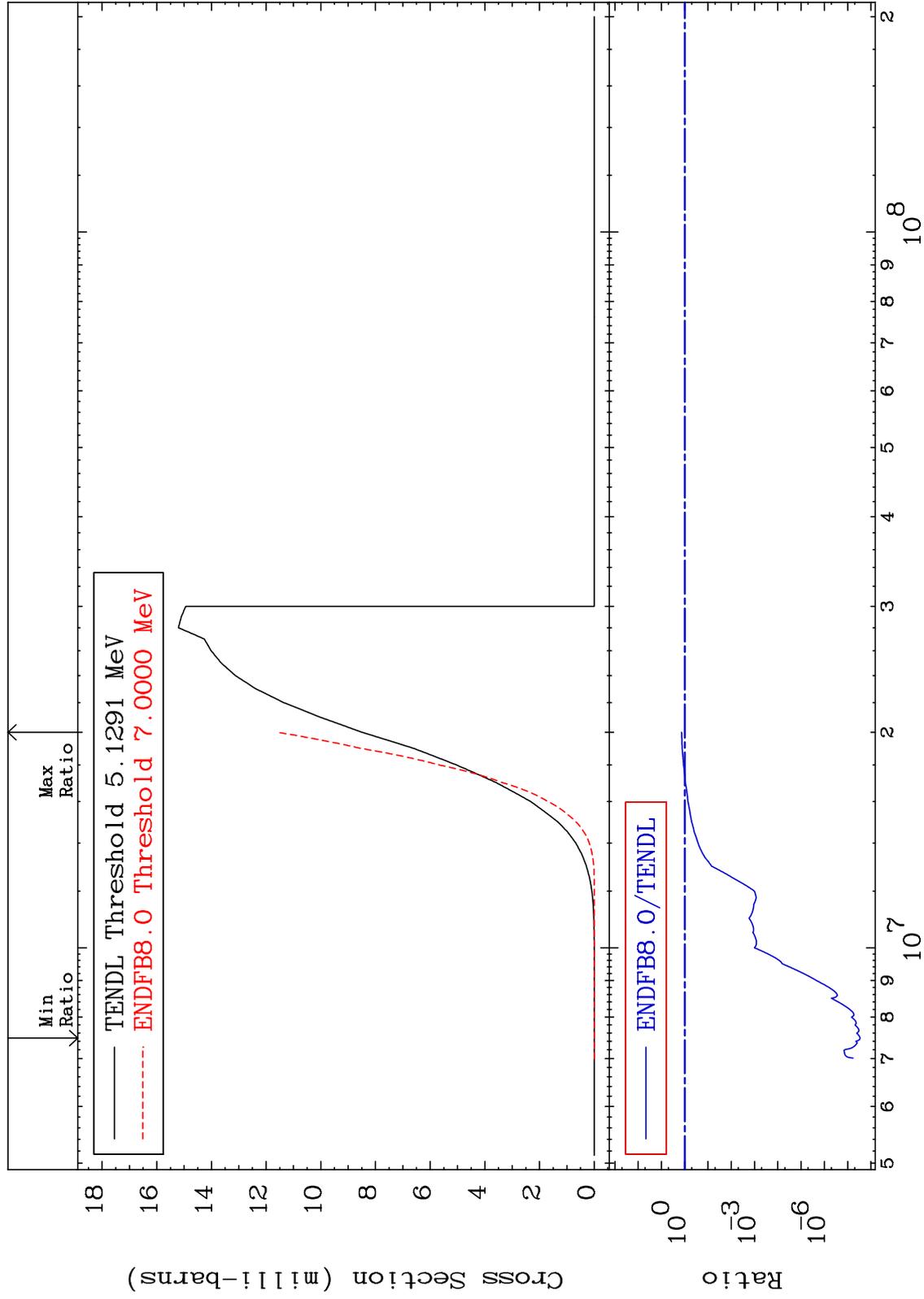
MAT 5137

(n, d)

51-Sb-125

Cross Section

-100.0 To 36.56 %



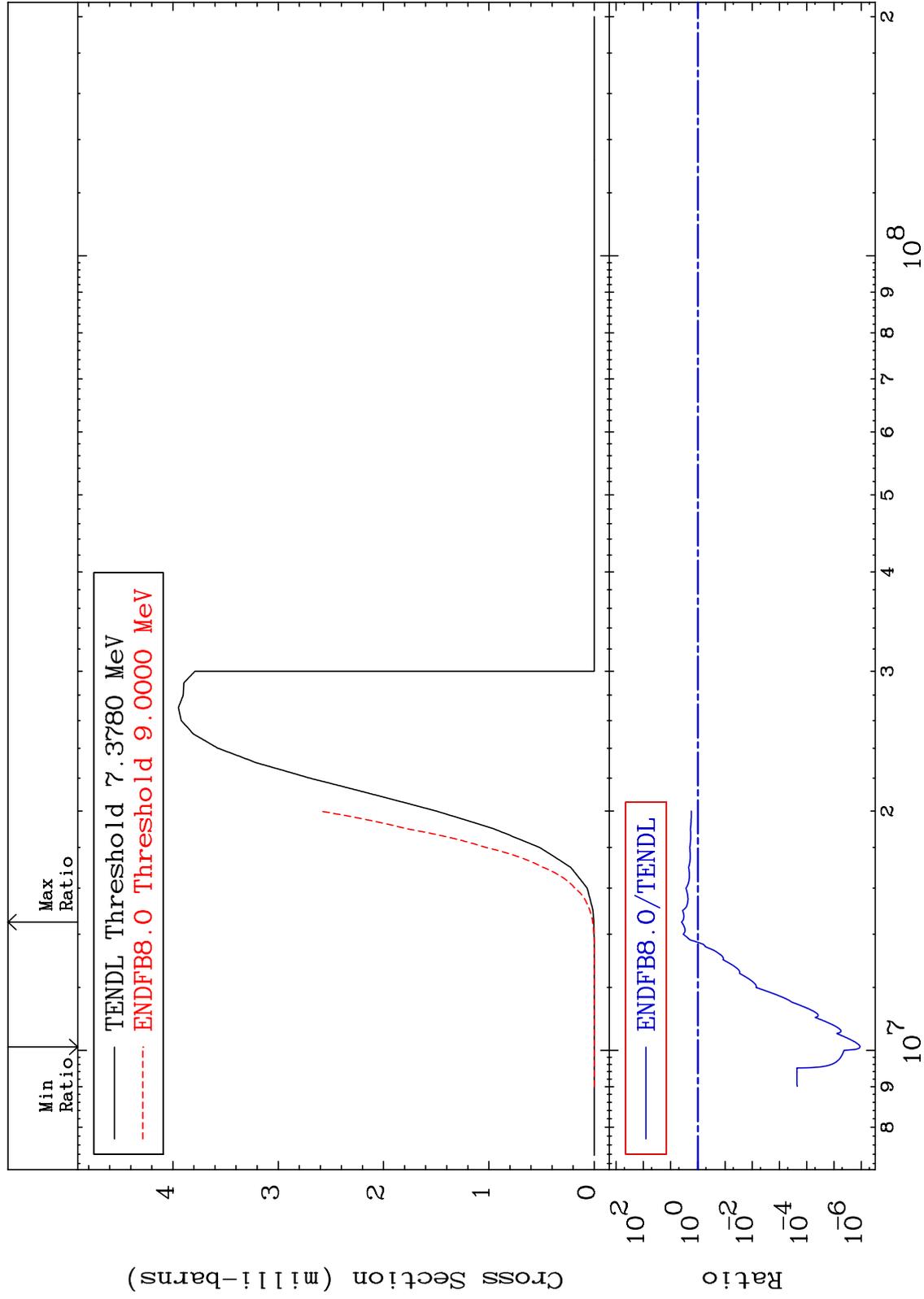
MAT 5137

(n, t)

51-Sb-125

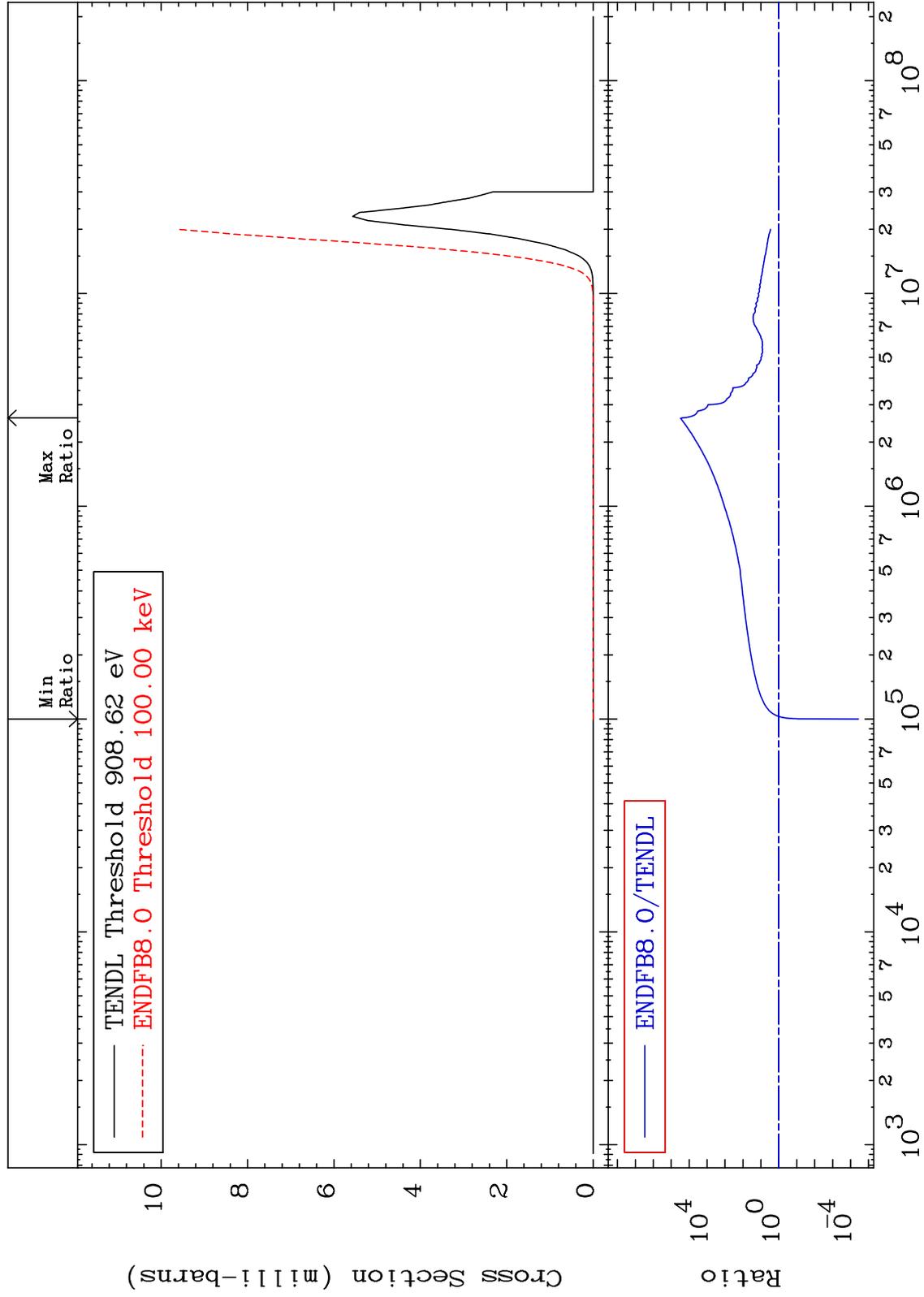
Cross Section

-100.0 To 294.9 %



MAT 5137

(n, α)
Cross Section
51-Sb-125
-100.0 To 9999. %



43

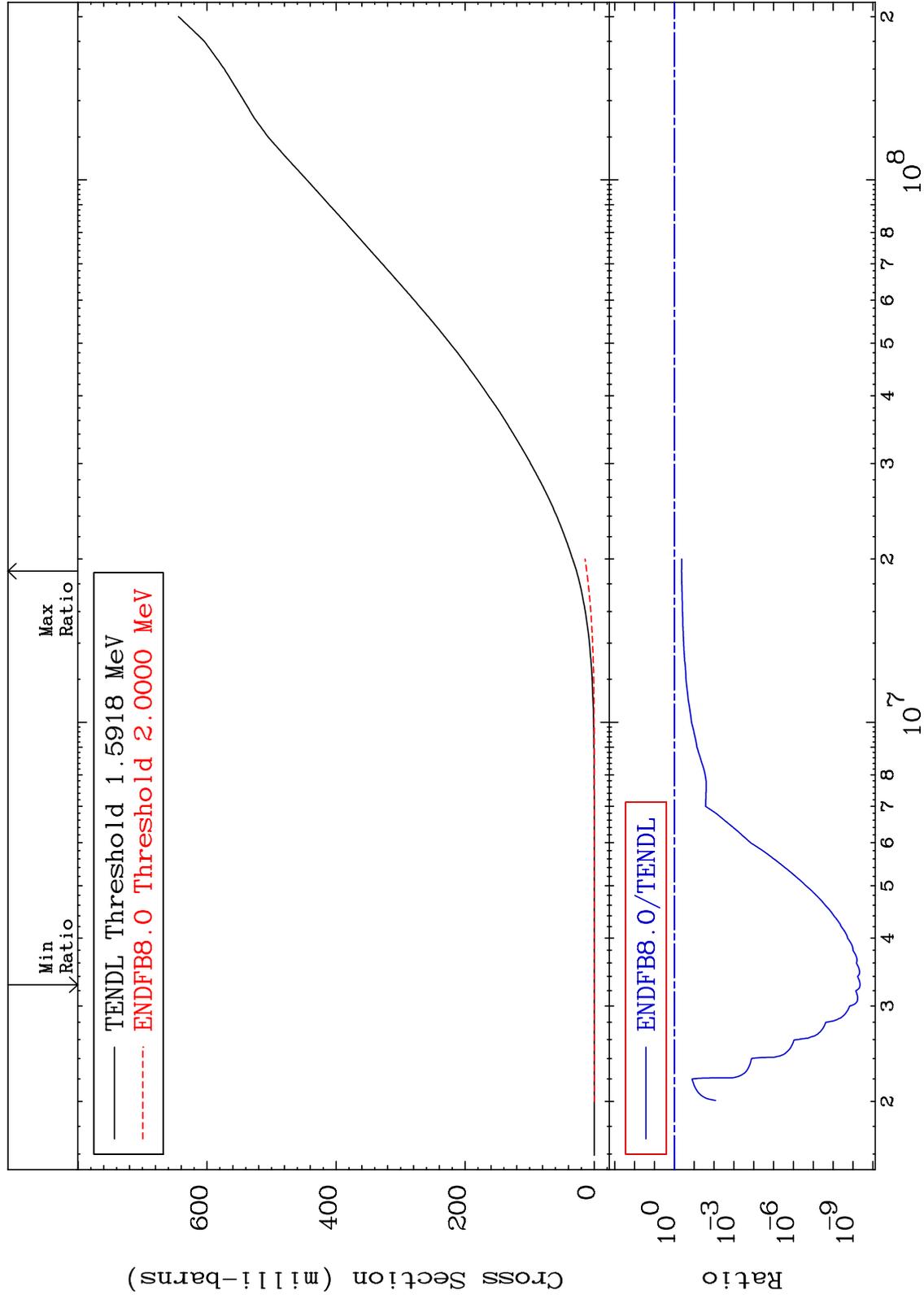
Incident Energy (eV)

51-Sb-125

MAT 5137

Hydrogen Production
Cross Section

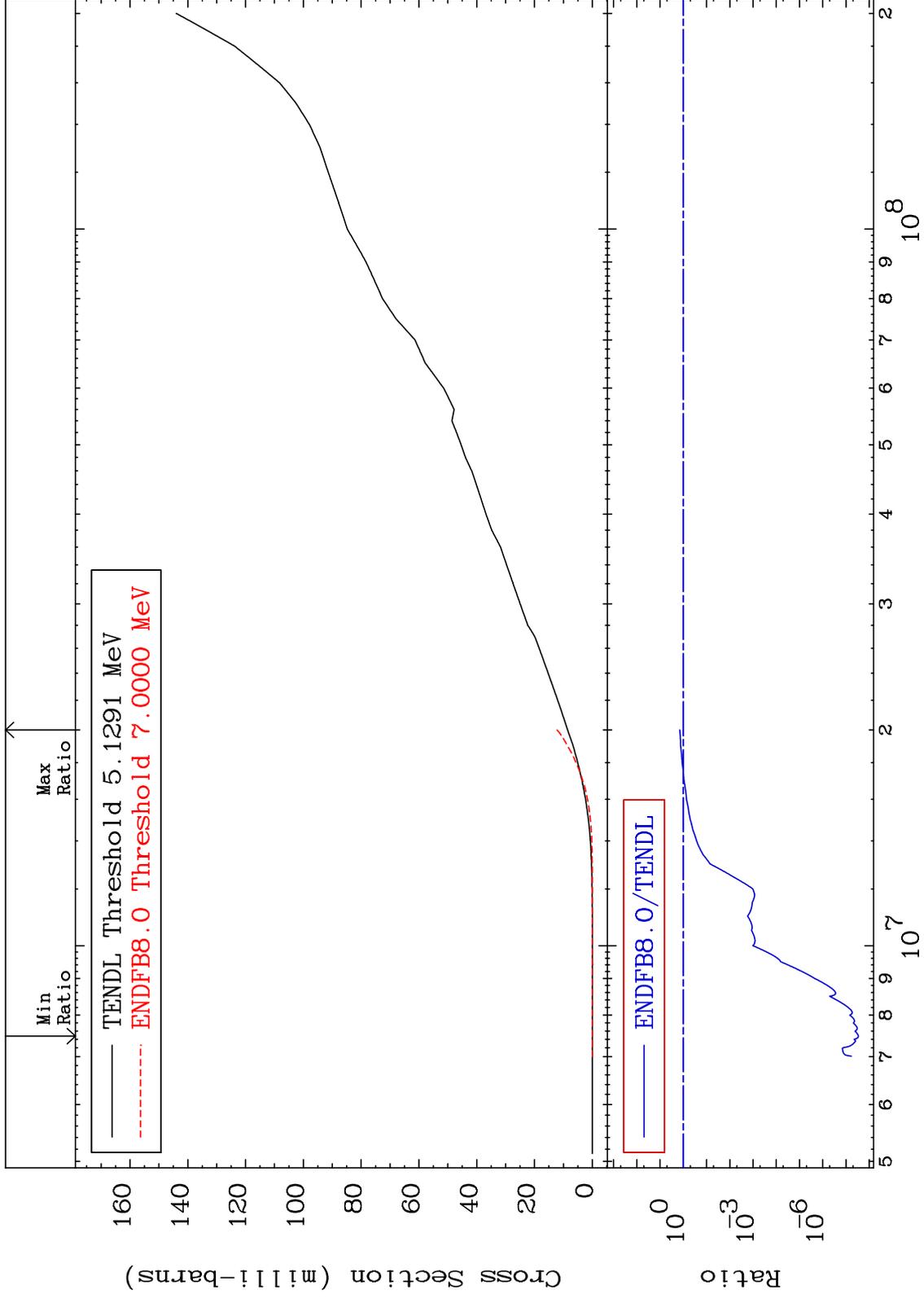
51-Sb-125
-100.0 To -57.08%



MAT 5137

Deuterium Production
Cross Section

51-Sb-125
-100.0 To 42.65 %



45

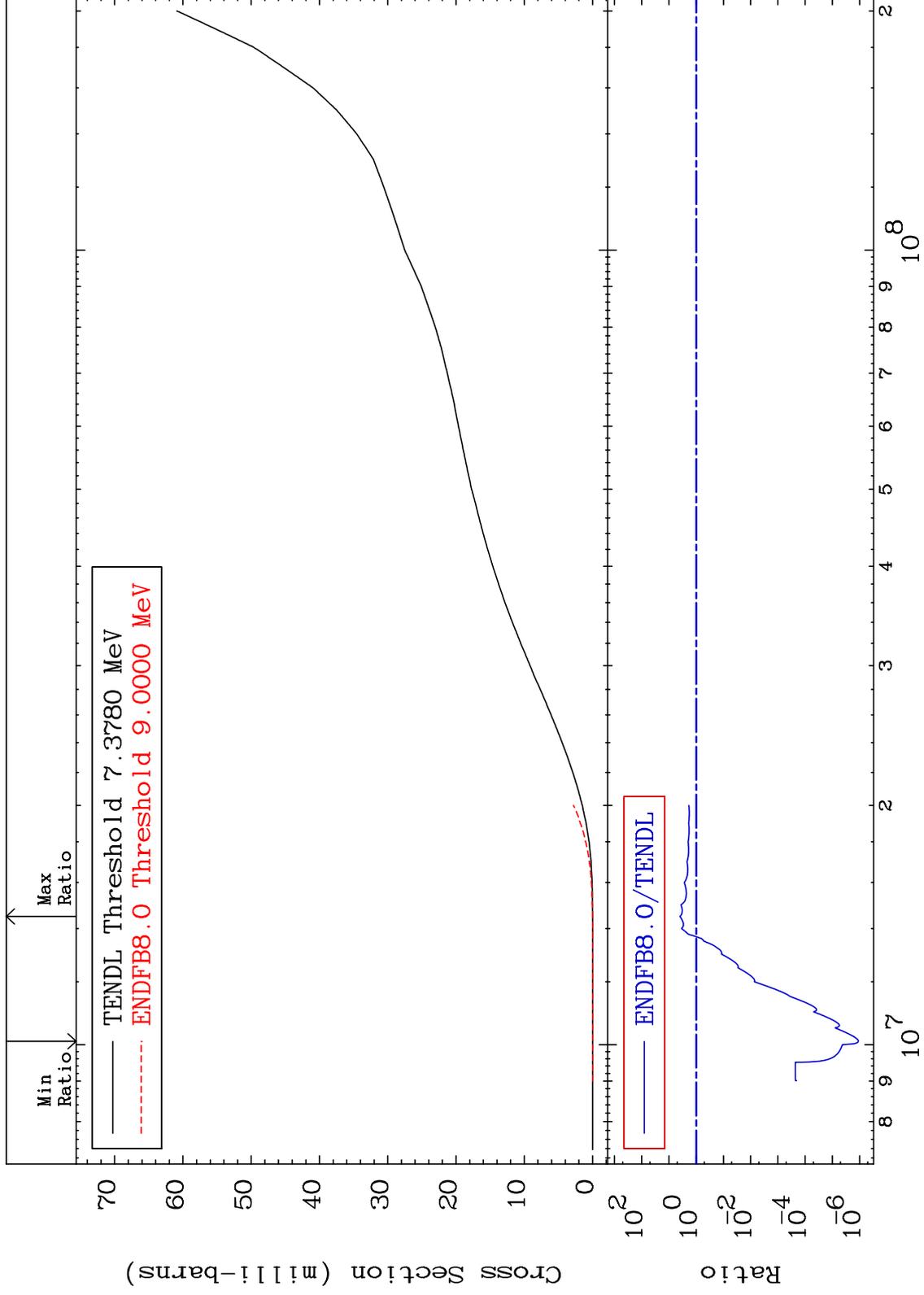
Incident Energy (eV)

51-Sb-125

MAT 5137

Tritium Production
Cross Section

51-Sb-125
-100.0 To 294.9 %



46

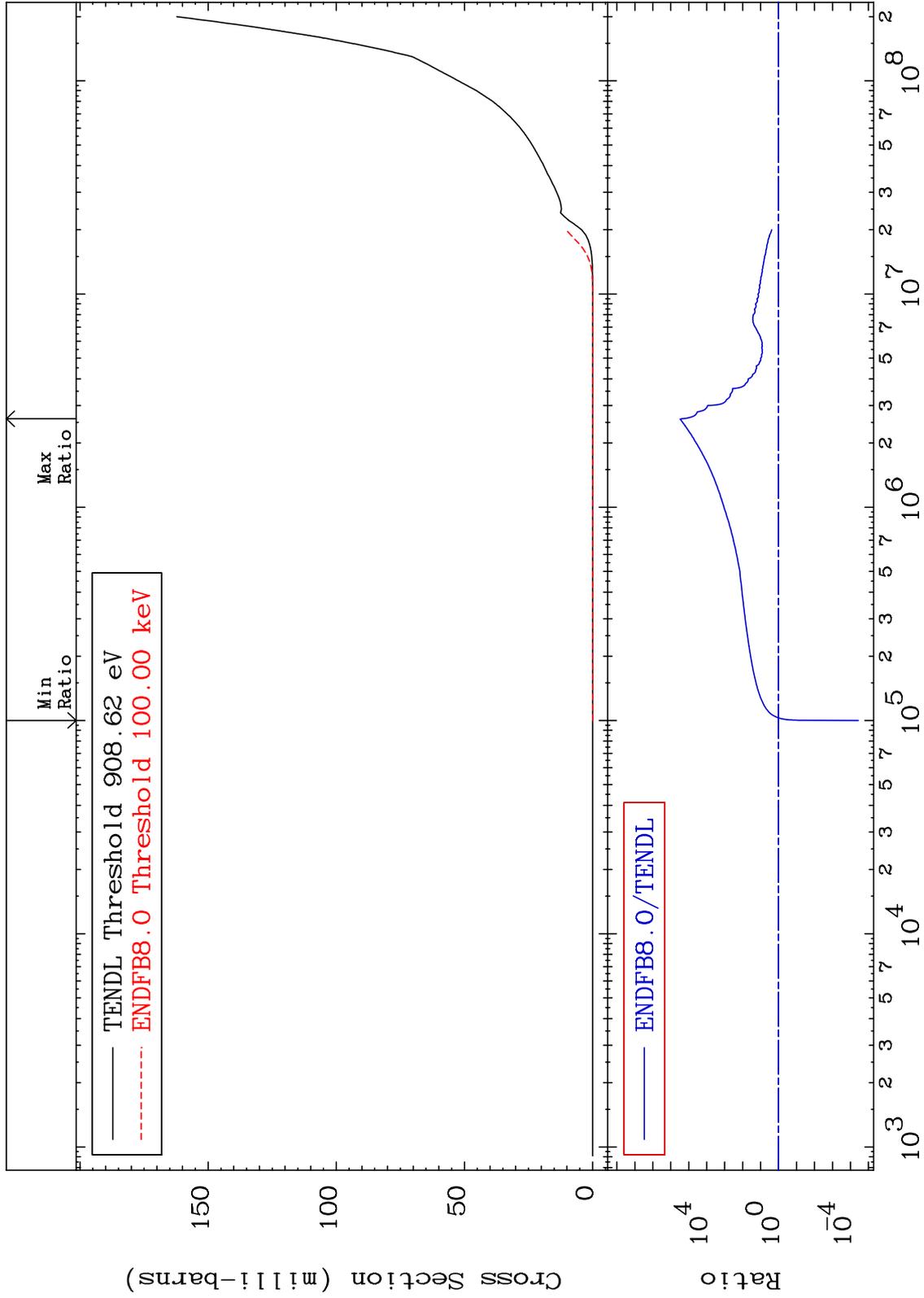
Incident Energy (eV)

51-Sb-125

MAT 5137

He-4 Production
Cross Section

51-Sb-125
-100.0 To 9999. %



47

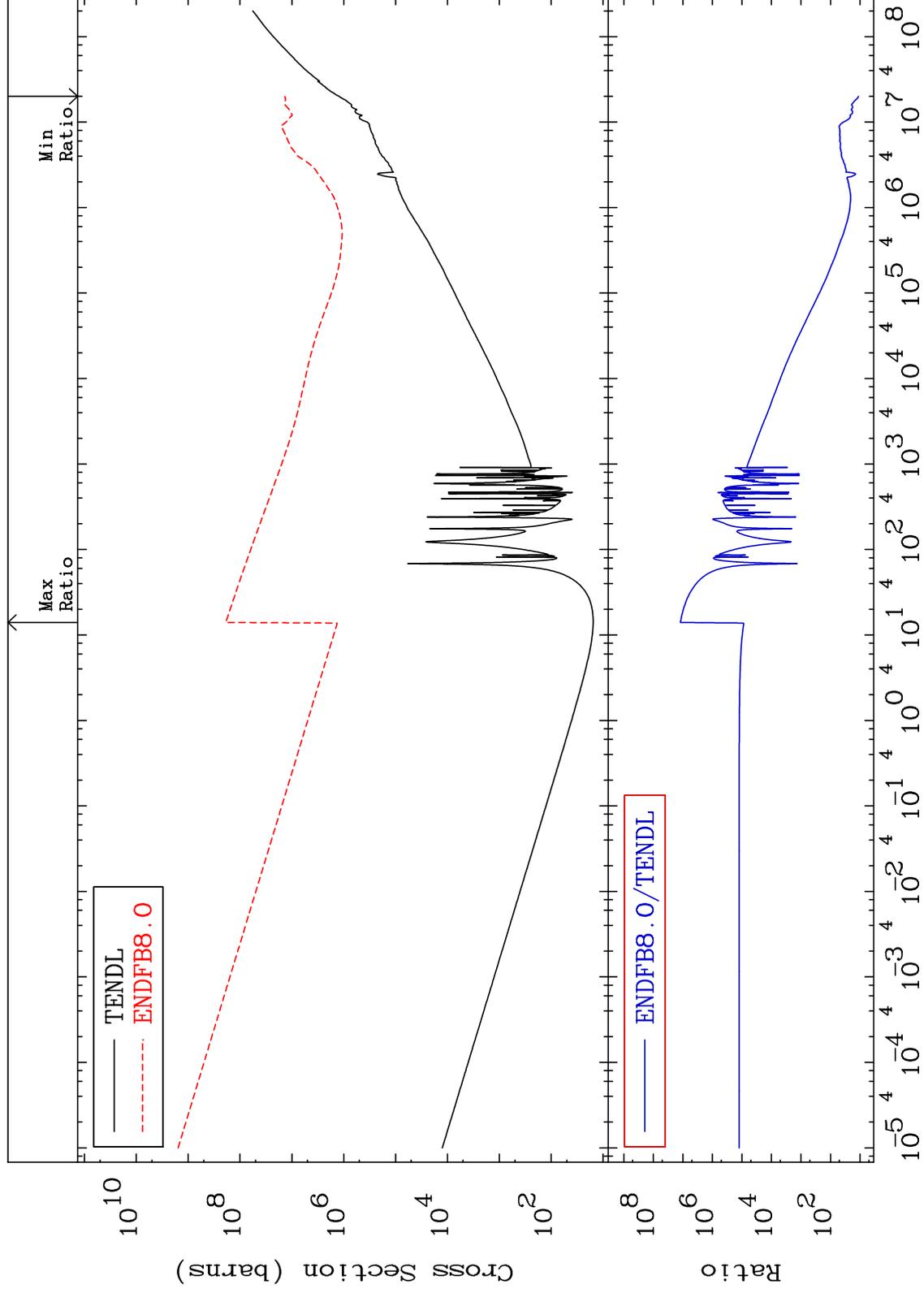
Incident Energy (eV)

51-Sb-125

MAT 5137

Kerma total (eV-barns)
Cross Section

51-Sb-125
1024. To 9999. %



48

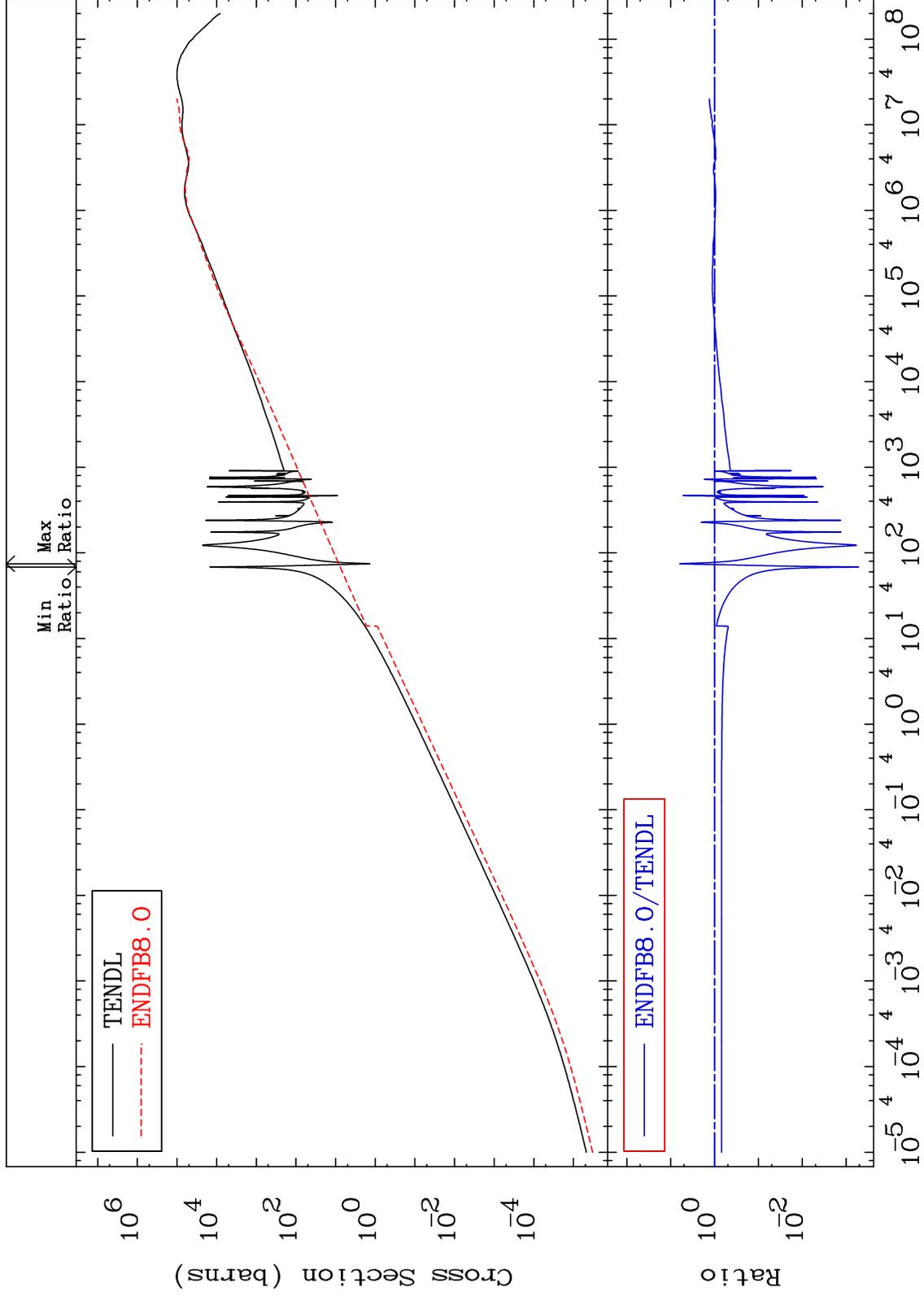
Incident Energy (eV)

51-Sb-125

MAT 5137

Kerma elastic
Cross Section

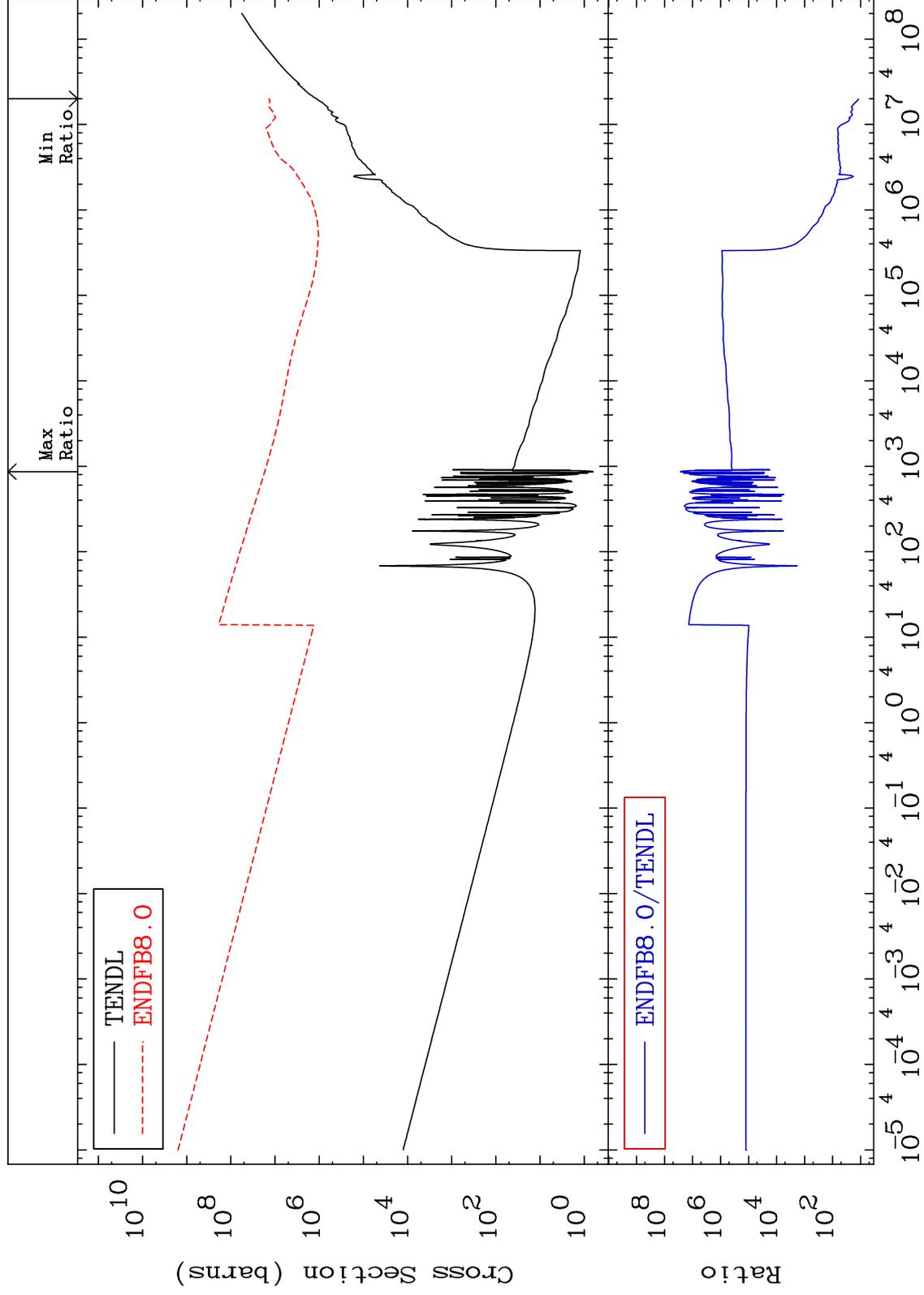
51-Sb-125
-99.95 To 517.7 %



MAT 5137

Kerma non-elastic (all but mt2)
Cross Section

51-Sb-125
1091. To 9999. %



50

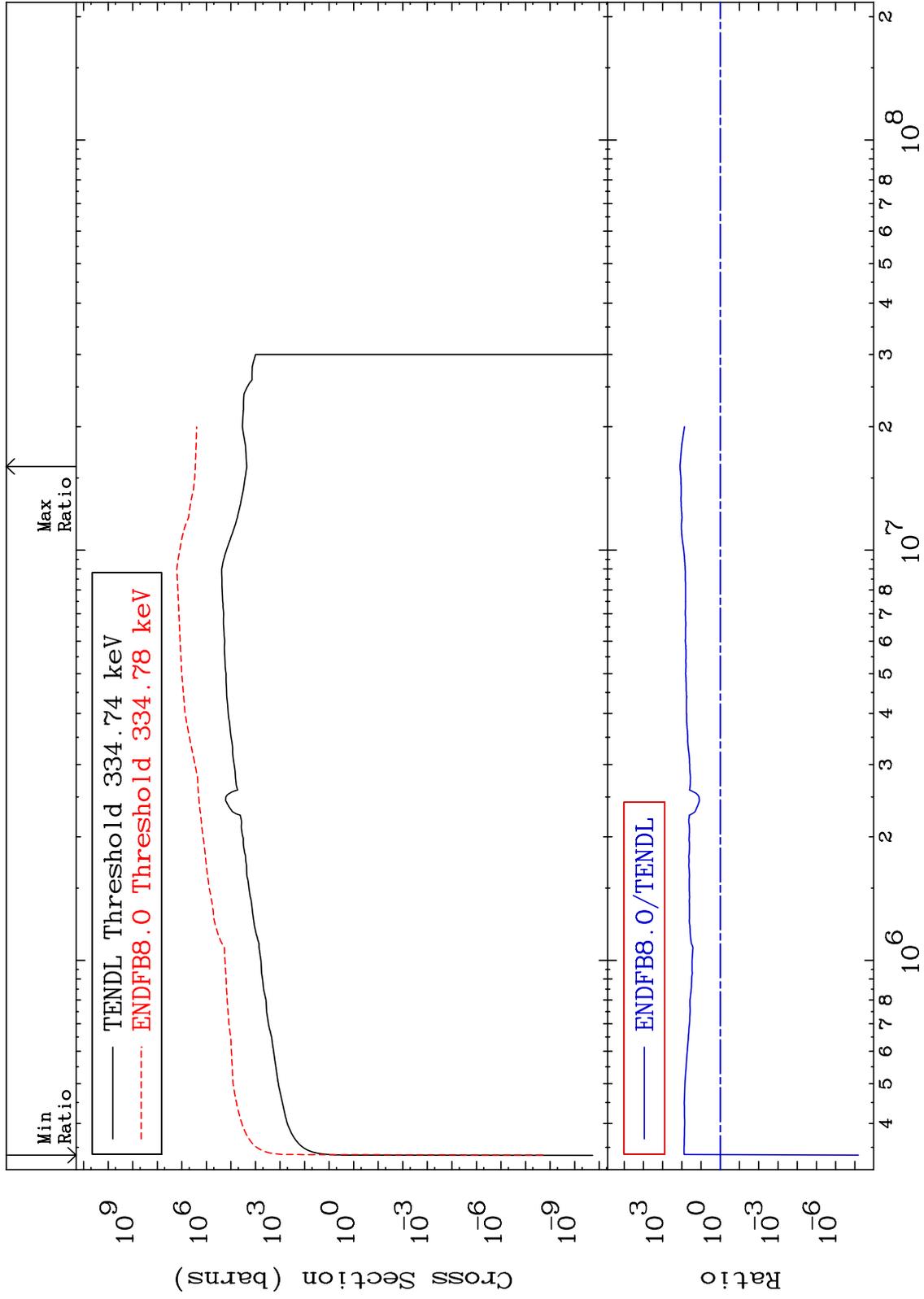
Incident Energy (eV)

51-Sb-125

MAT 5137

Kerma inelastic (mt51-91)
Cross Section

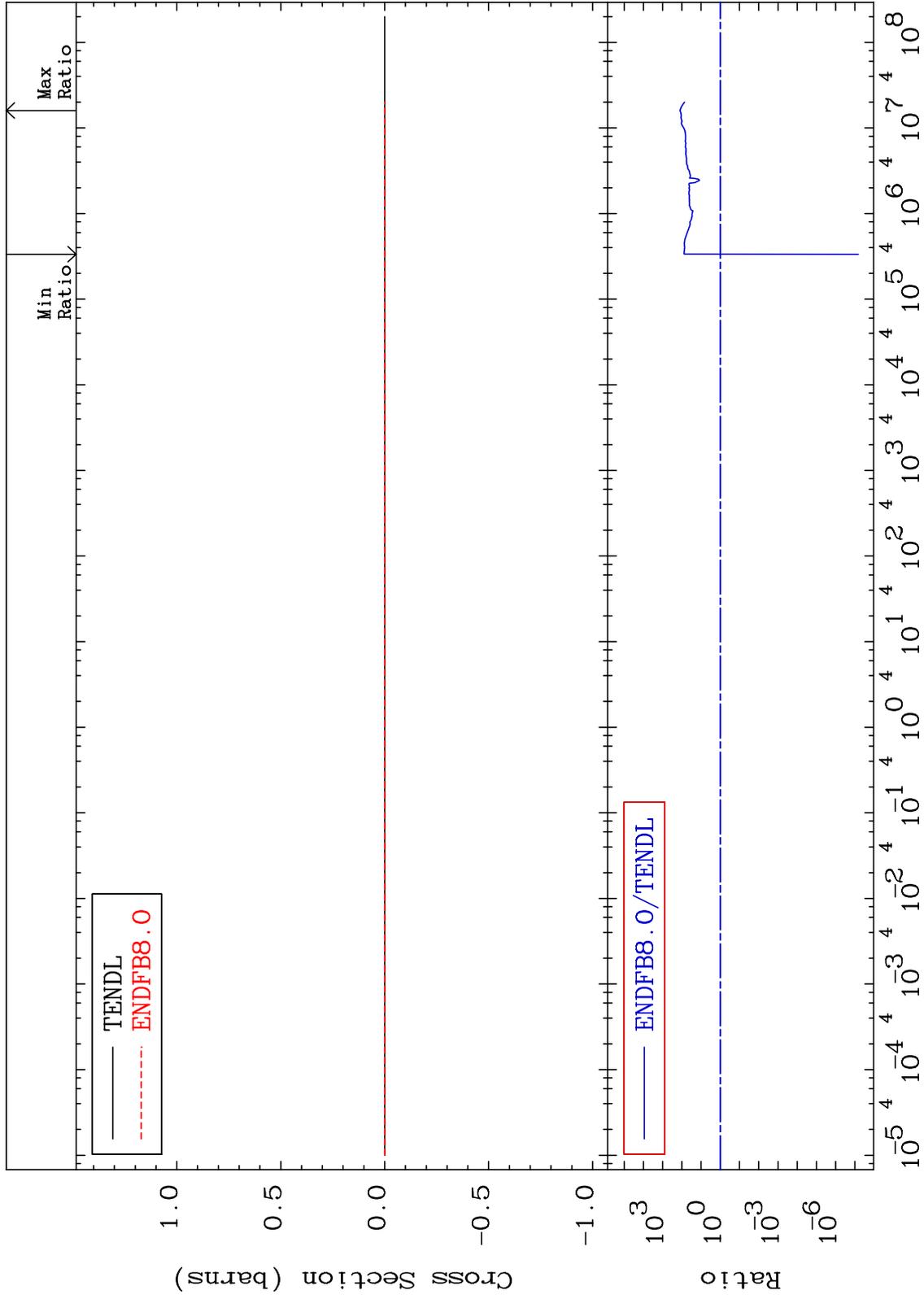
51-Sb-125
-100.0 To 9999. %



MAT 5137

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

51-Sb-125
-100.0 To 9999. %



52

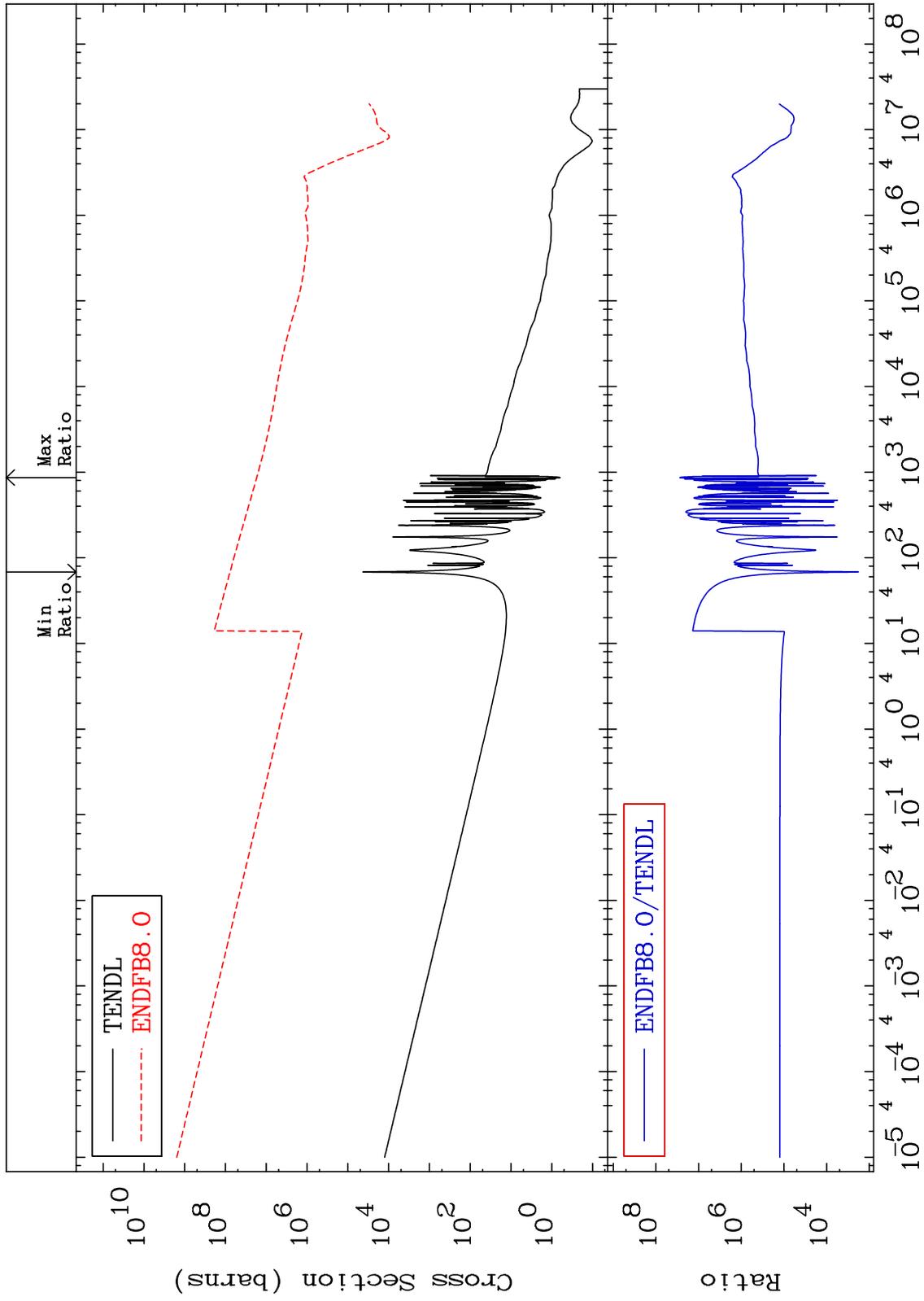
Incident Energy (eV)

51-Sb-125

MAT 5137

Kerma capture (mt102)
Cross Section

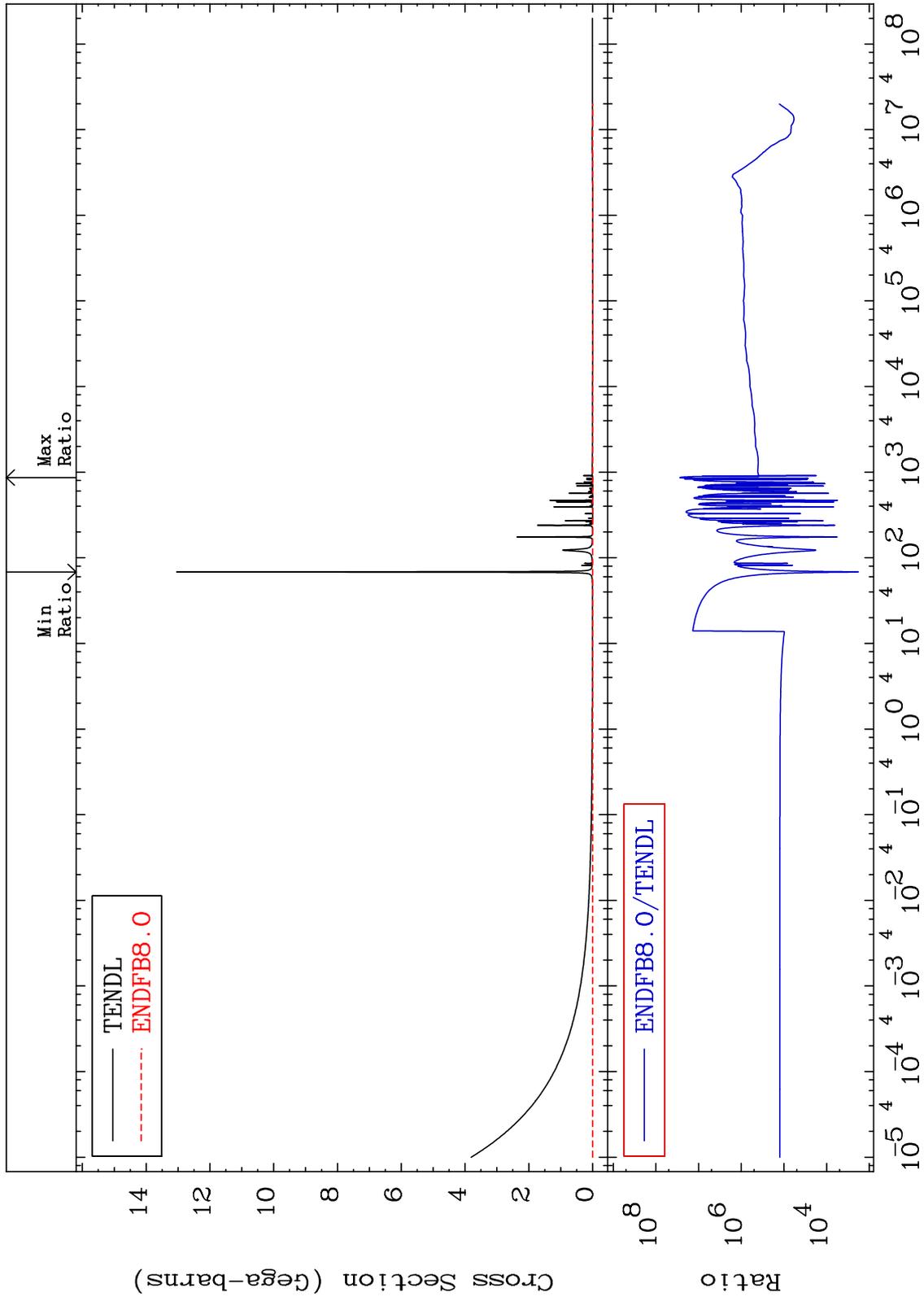
51-Sb-125
9999. To 9999. %



MAT 5137

Total photon (eV-barns)
Cross Section

51-Sb-125
9999. To 9999. %



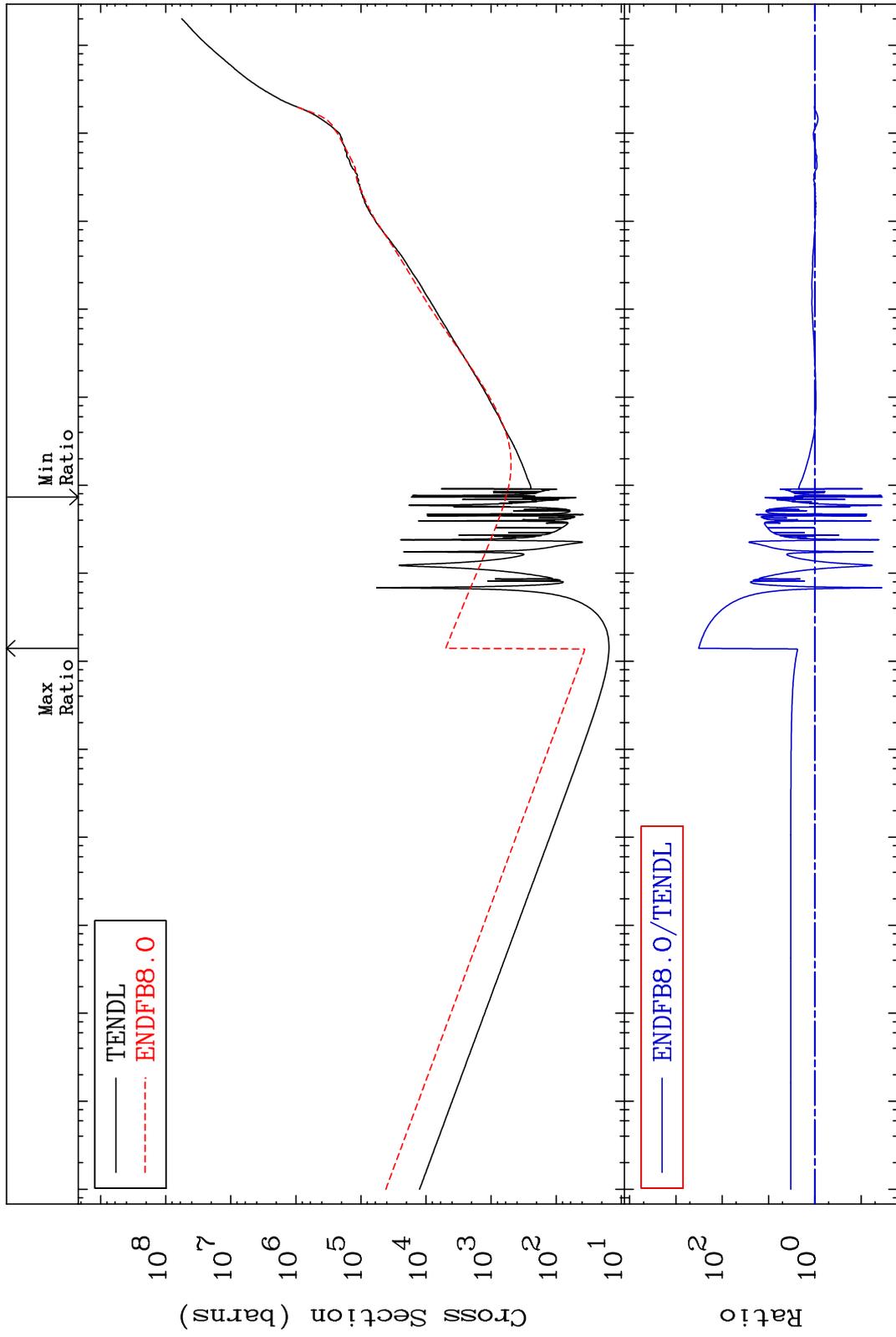
MAT 5137

Total kinematic kerma (high limit)

51-Sb-125

-96.48 To 9999. %

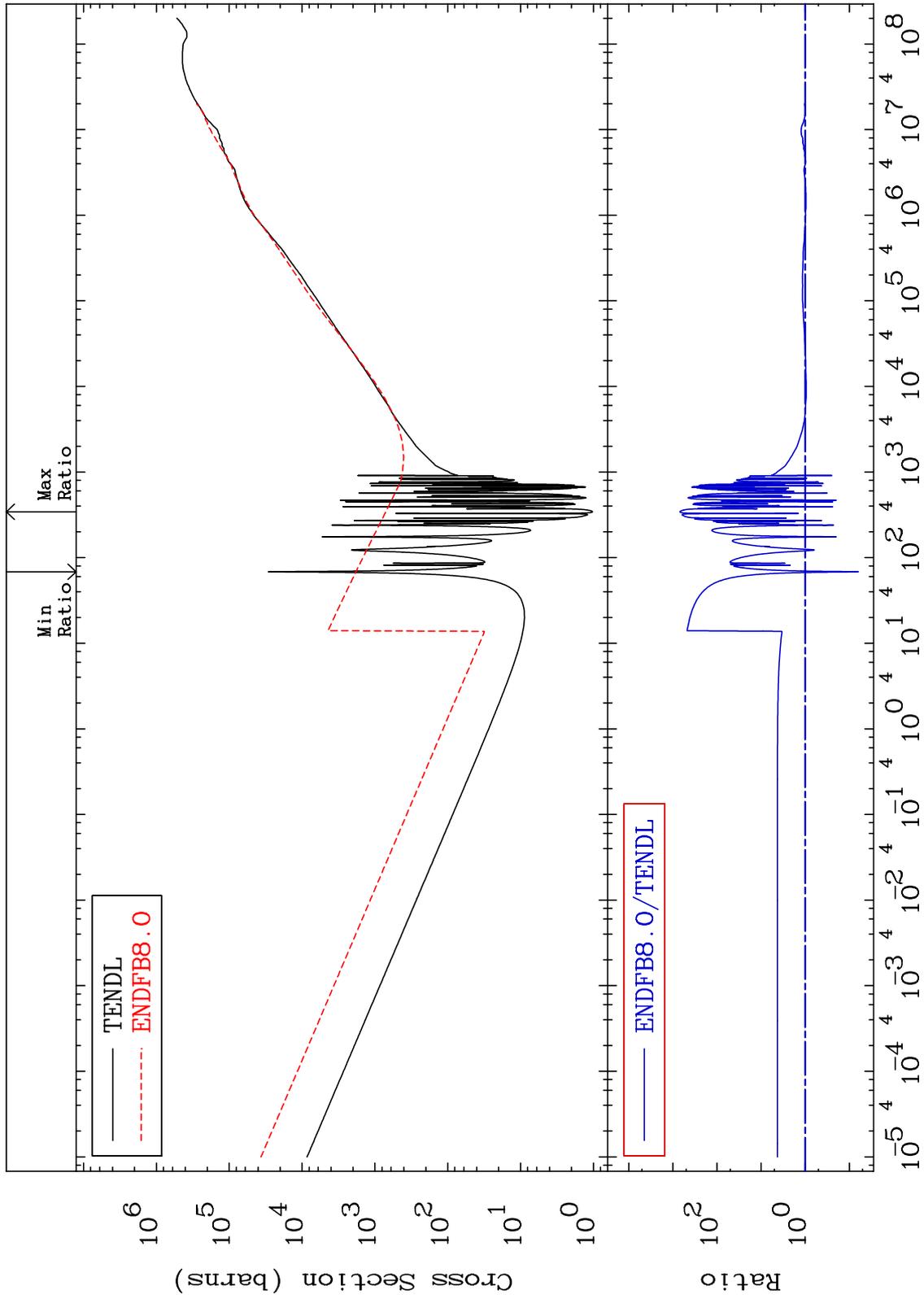
Cross Section



MAT 5137

Dpa total (eV-barns)
Cross Section

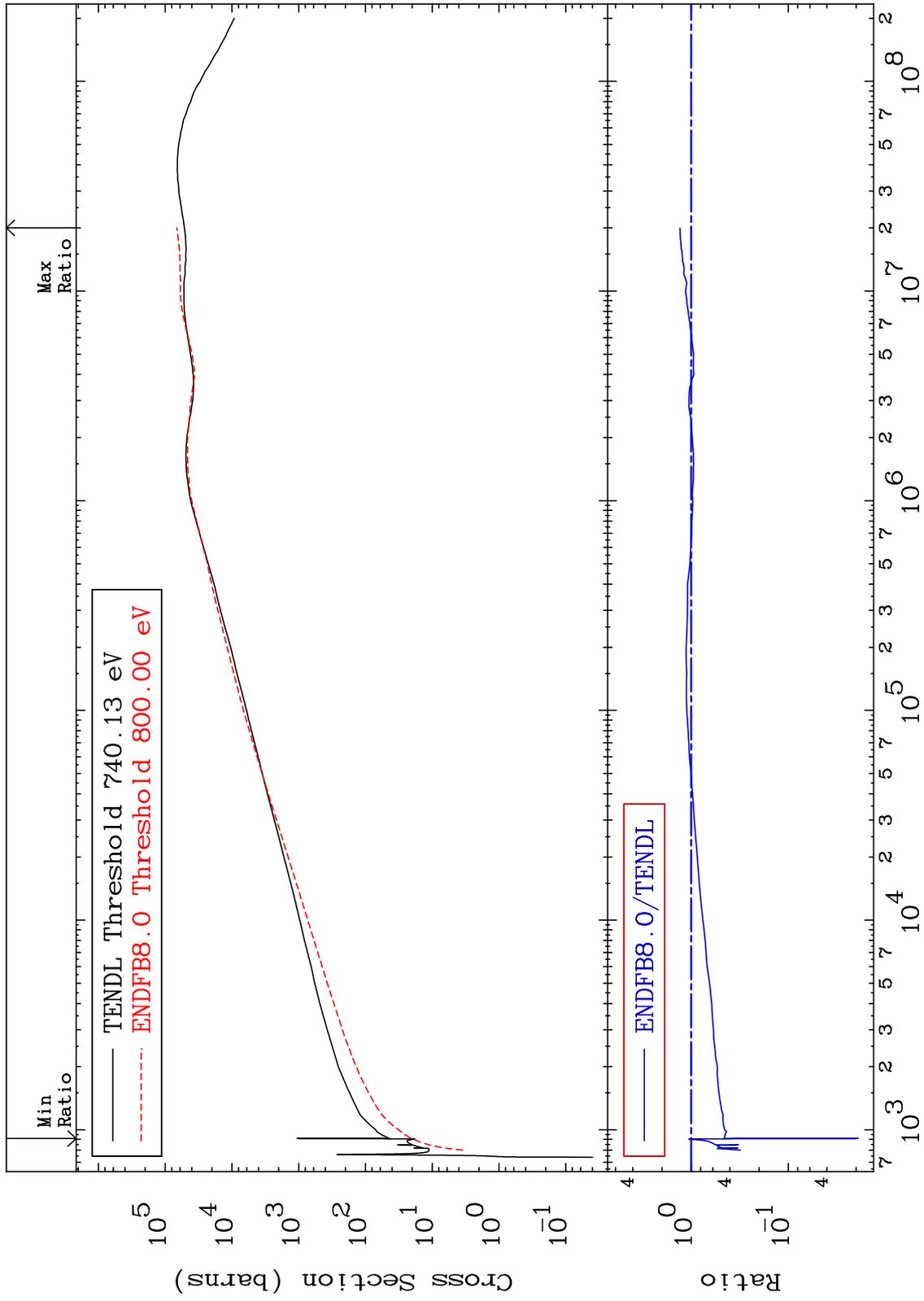
51-Sb-125
-93.78 To 9999. %



MAT 5137

Dpa elastic (mt2)
Cross Section

51-Sb-125
-98.10 To 30.49 %



57

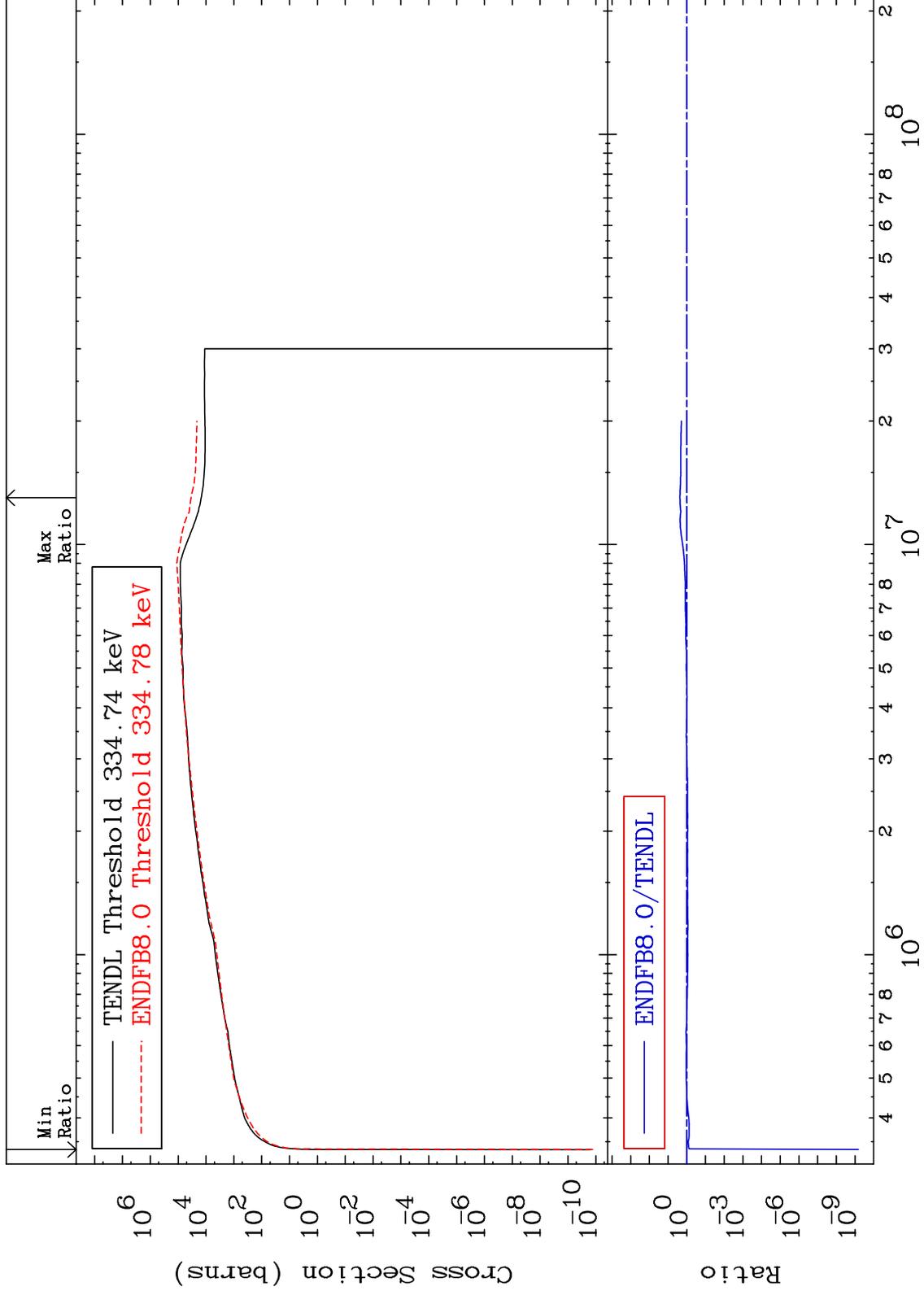
Incident Energy (eV)

51-Sb-125

MAT 5137

Dpa inelastic (mt51-91)
Cross Section

51-Sb-125
-100.0 To 132.3 %



MAT 5137

Dpa disappearance (mt102 -120)
Cross Section

51-Sb-125
-93.78 To 9999. %

