

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

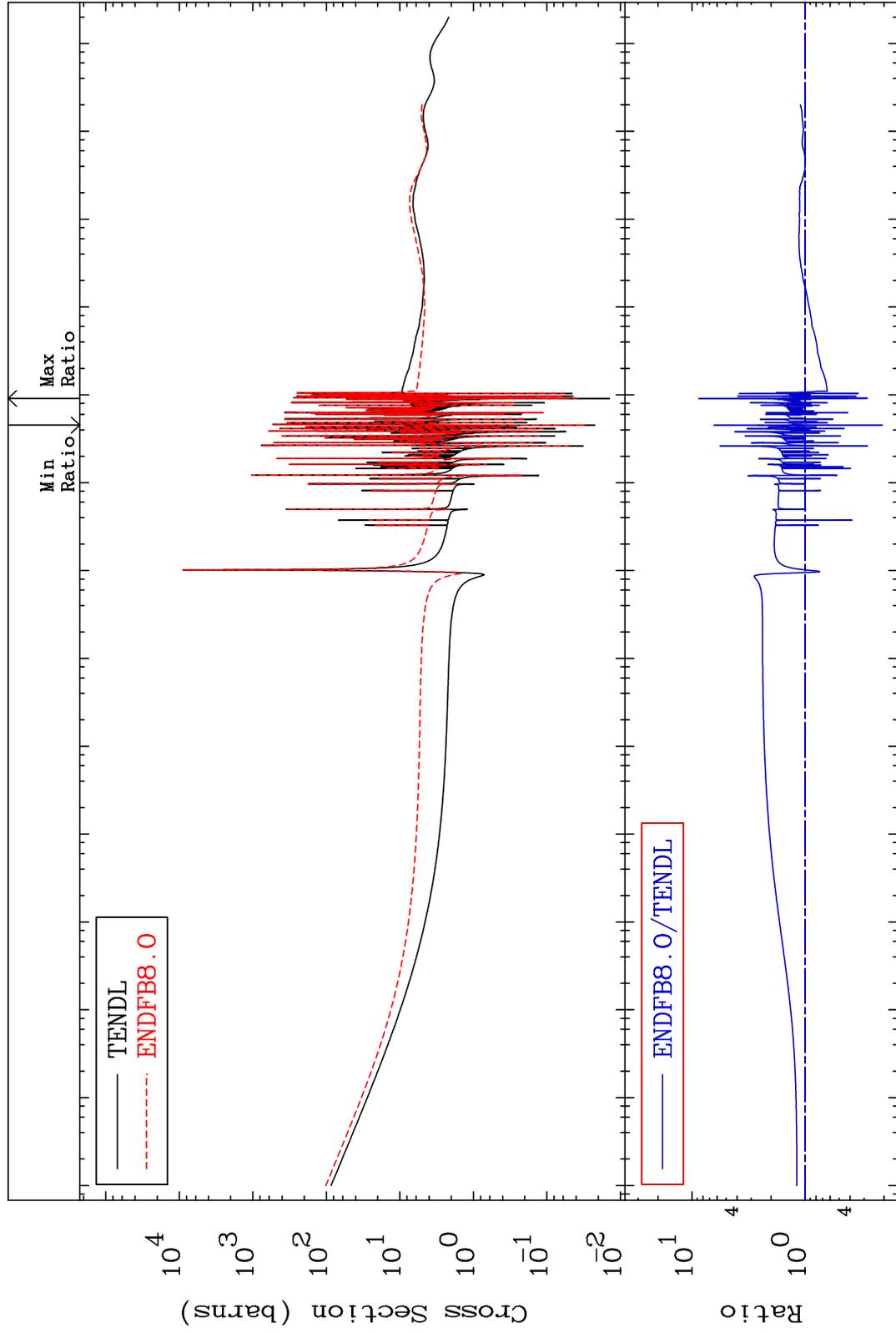
MAT 5637

Total

56-Ba-134

Cross Section

-79.21 To 767.0 %



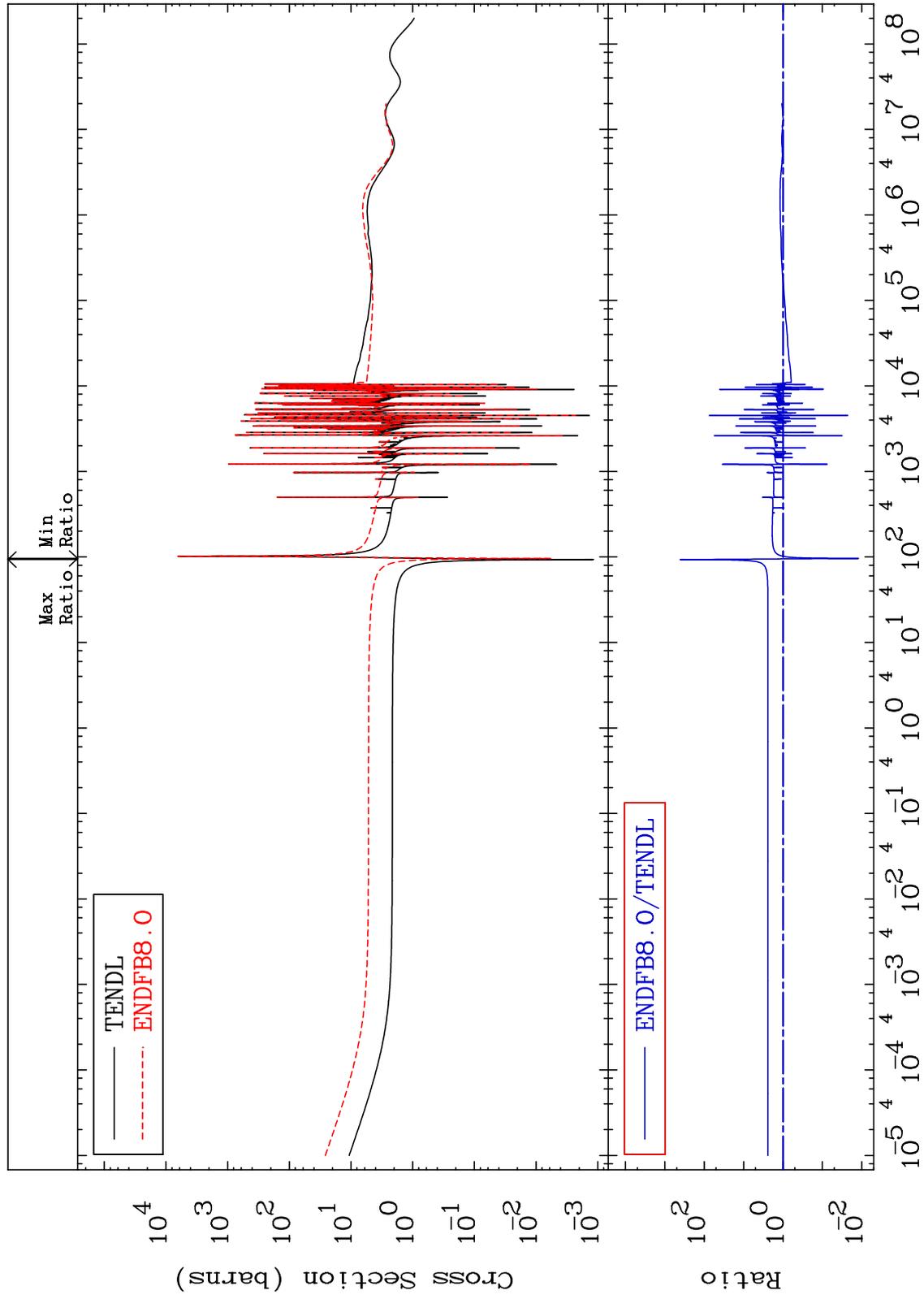
Incident Energy (eV)

56-Ba-134

MAT 5637

Elastic
Cross Section

56-Ba-134
-98.79 To 9999. %



2

Incident Energy (eV)

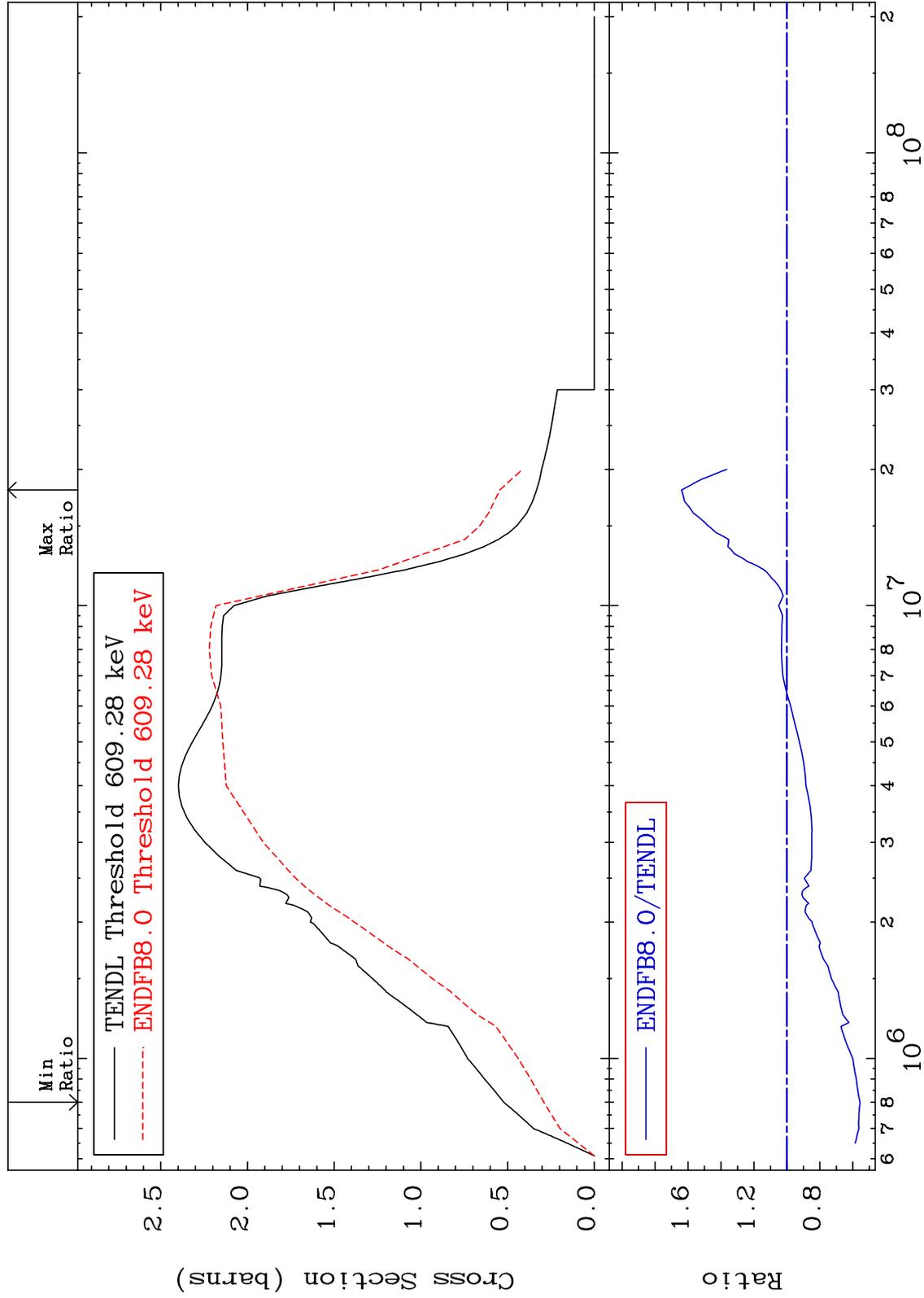
56-Ba-134

MAT 5637

56-Ba-134

-44.33 To 63.90 %

Inelastic
Cross Section



56-Ba-134

Incident Energy (eV)

3

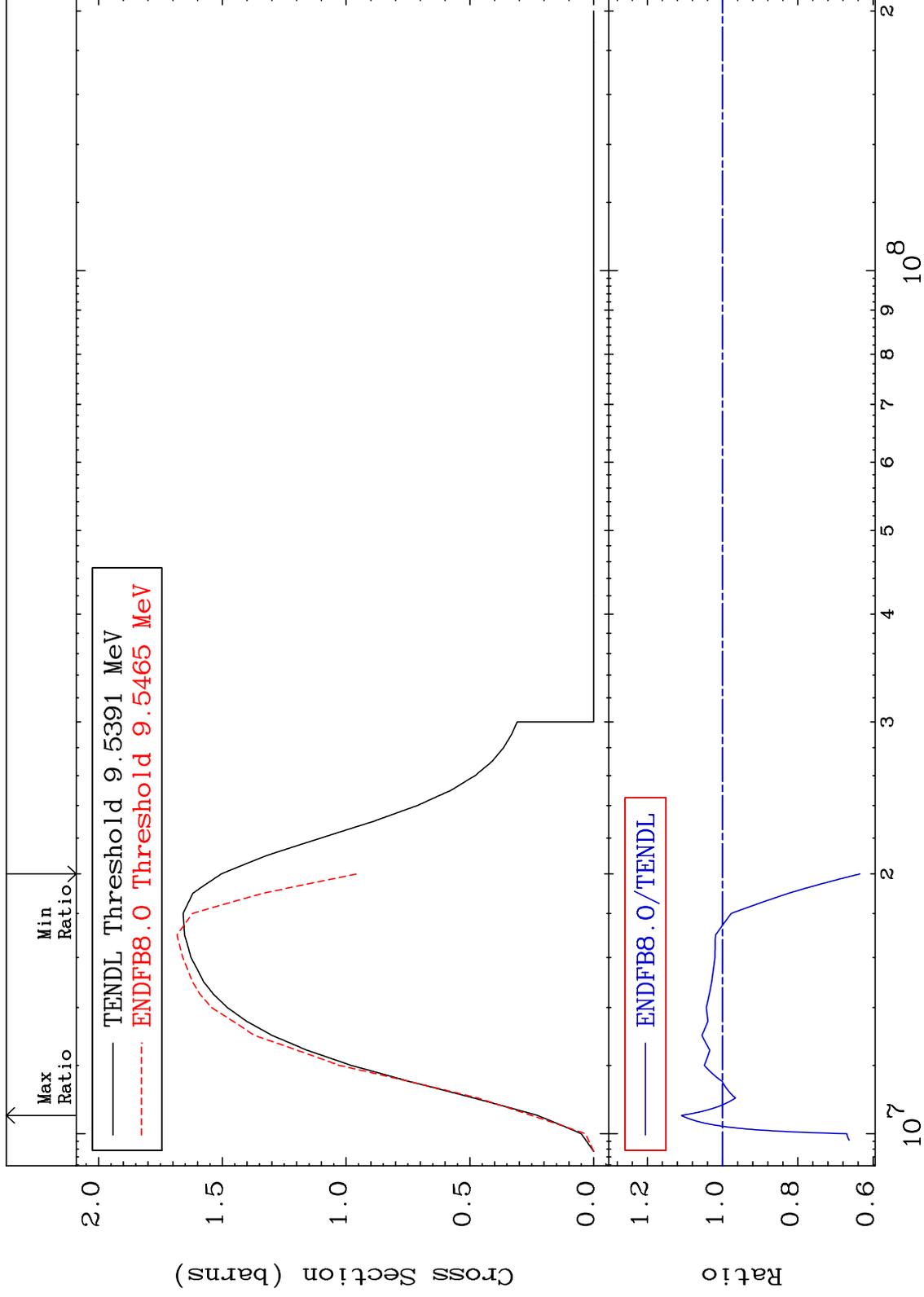
MAT 5637

(n,2n)

56-Ba-134

Cross Section

-36.48 To 11.01 %



56-Ba-134

Incident Energy (eV)

4

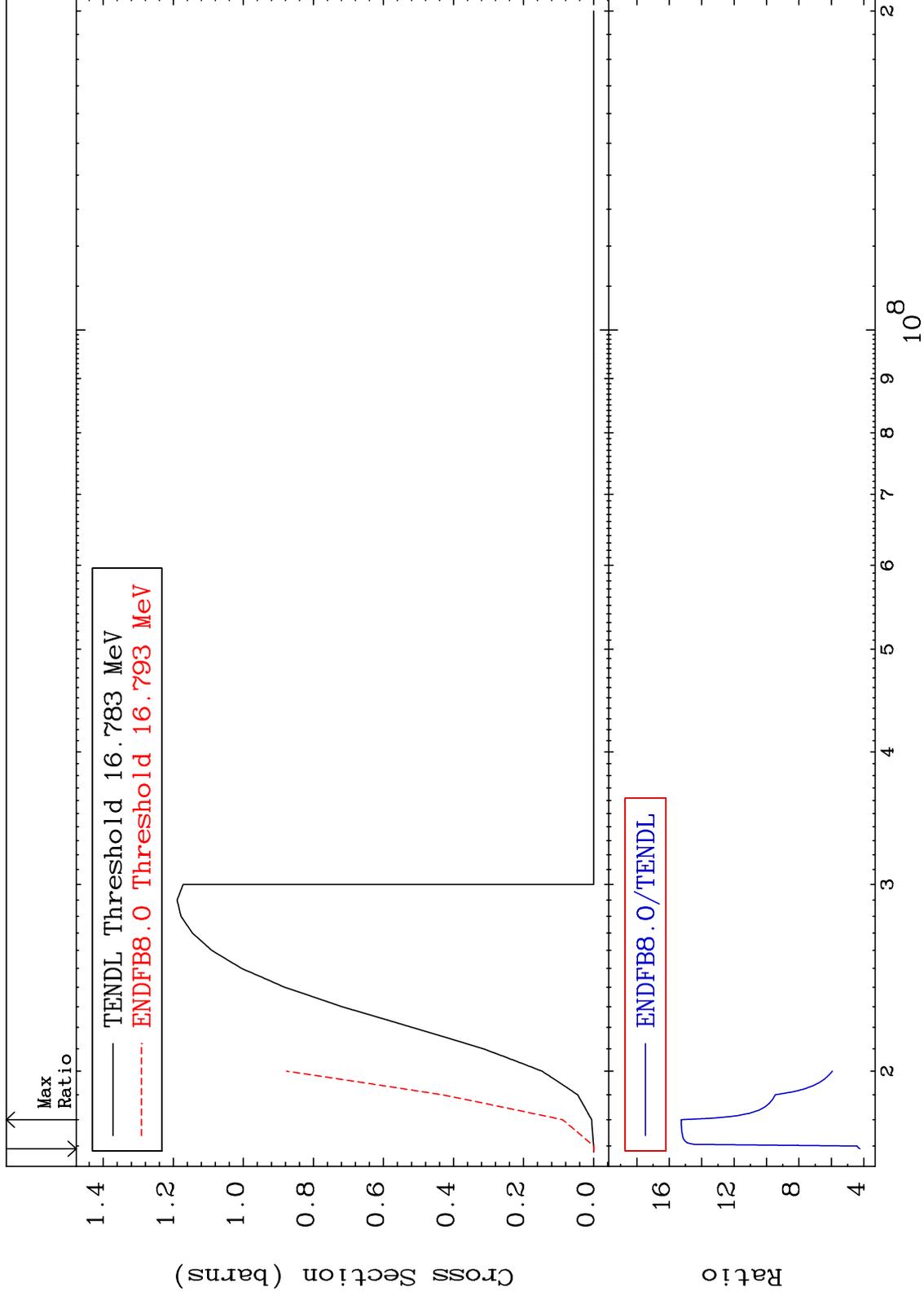
MAT 5637

(n, 3n)

56-Ba-134

Cross Section

324.3 To 1427. %



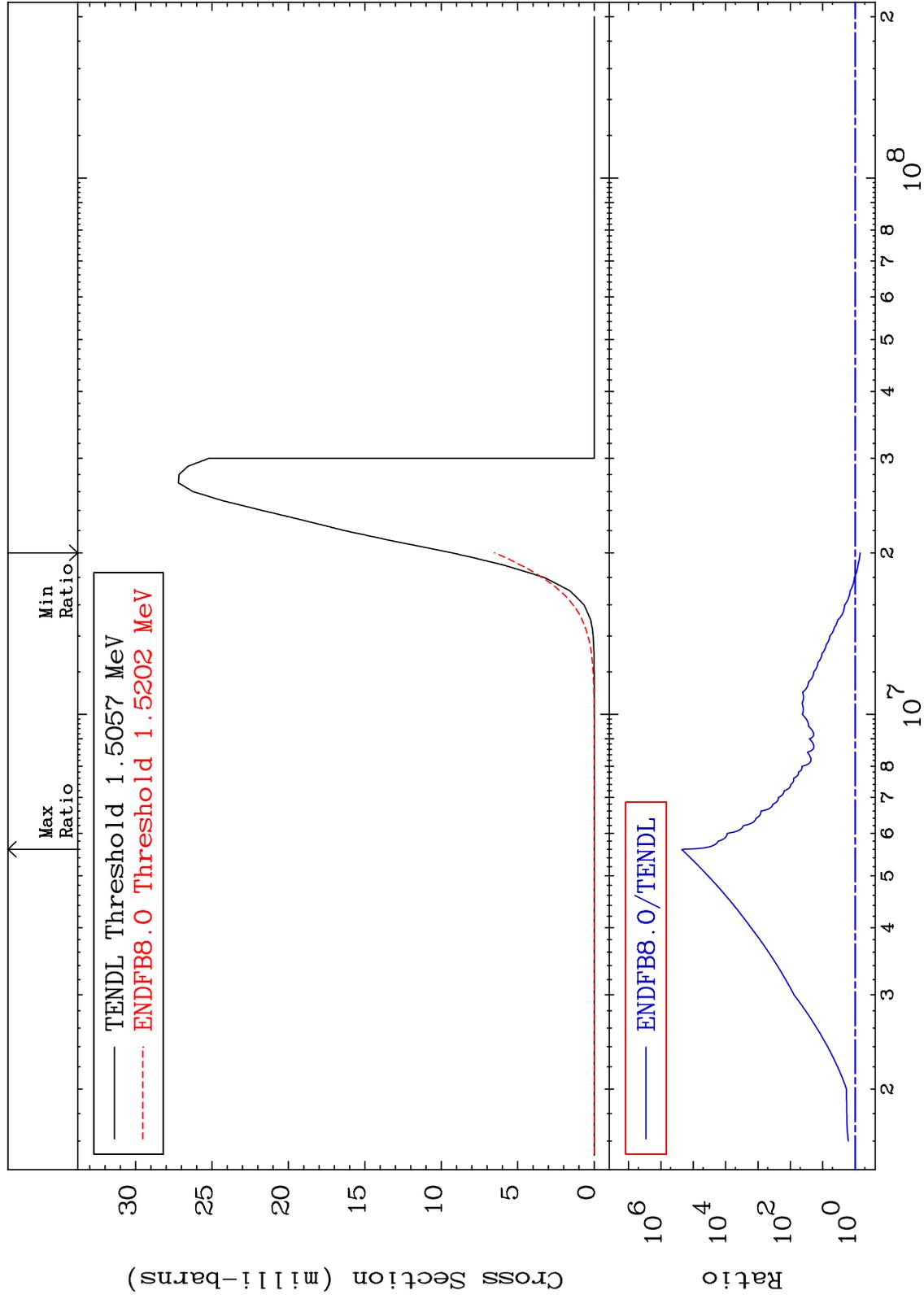
MAT 5637

(n, n') α

56-Ba-134

Cross Section

-29.72 To 9999. %



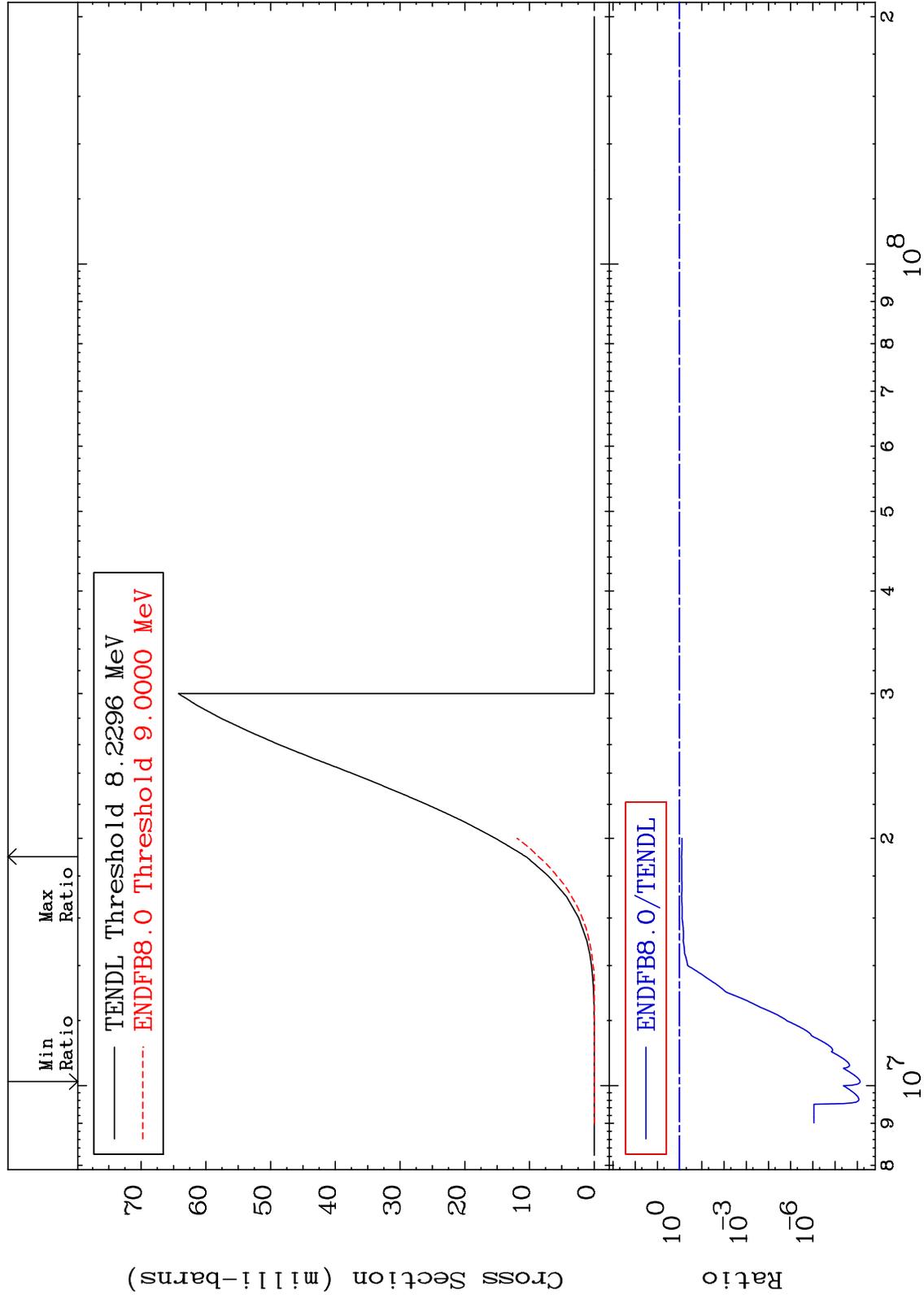
MAT 5637

(n,n') p

56-Ba-134

Cross Section

-100.0 To -18.24%



Incident Energy (eV)

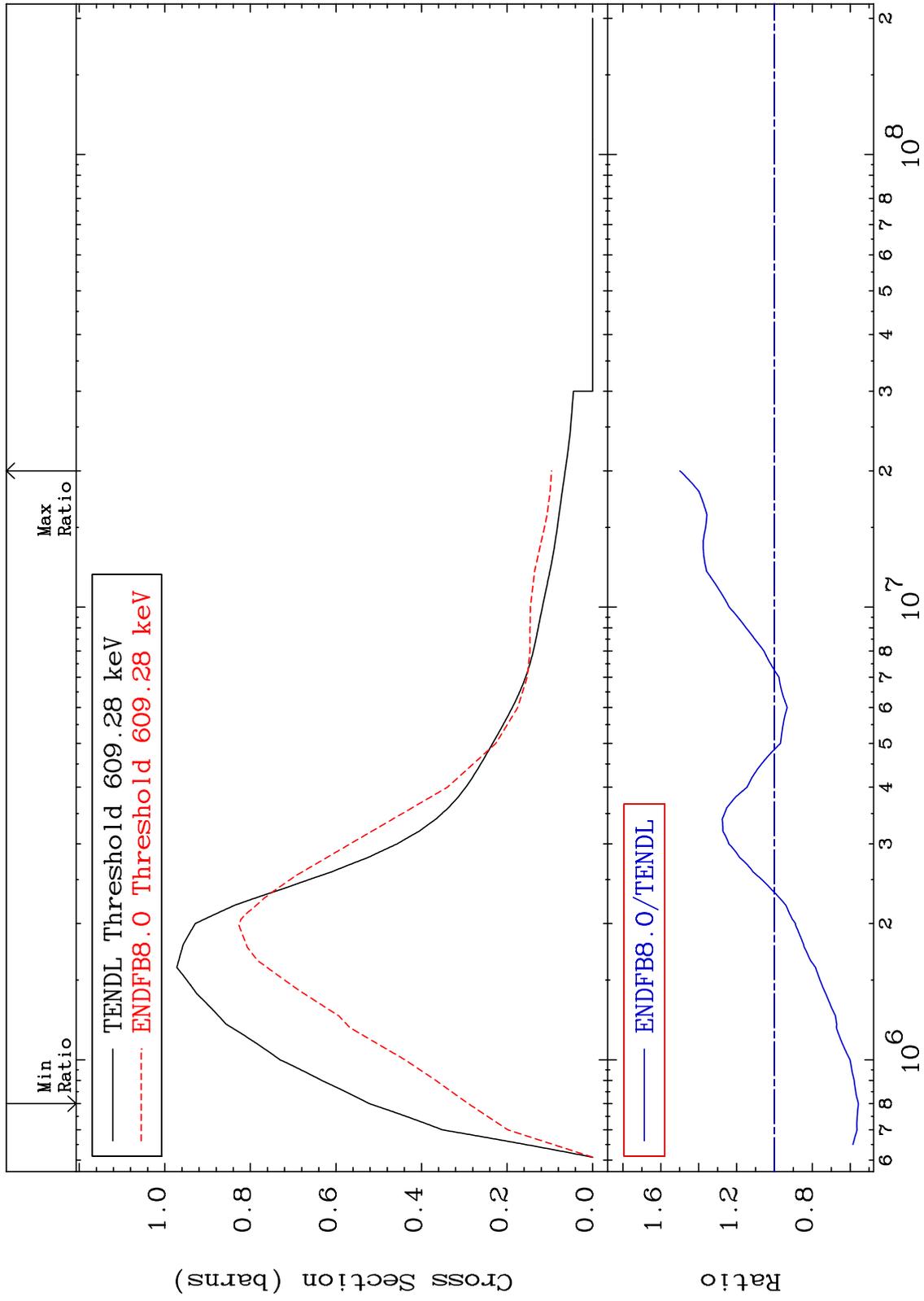
56-Ba-134

7

MAT 5637

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

56-Ba-134
-44.33 To 49.89 %



8

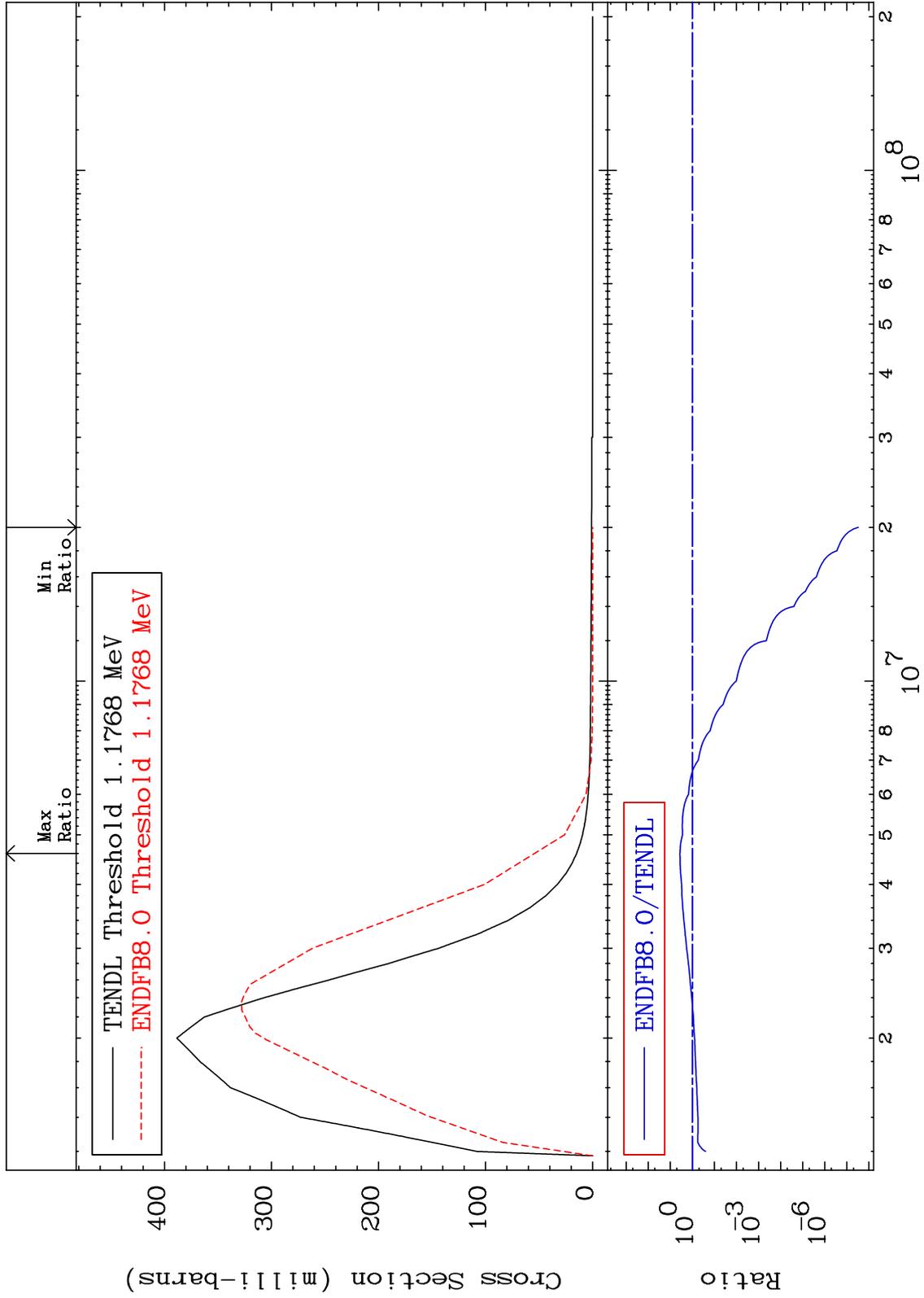
Incident Energy (eV)

56-Ba-134

MAT 5637

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

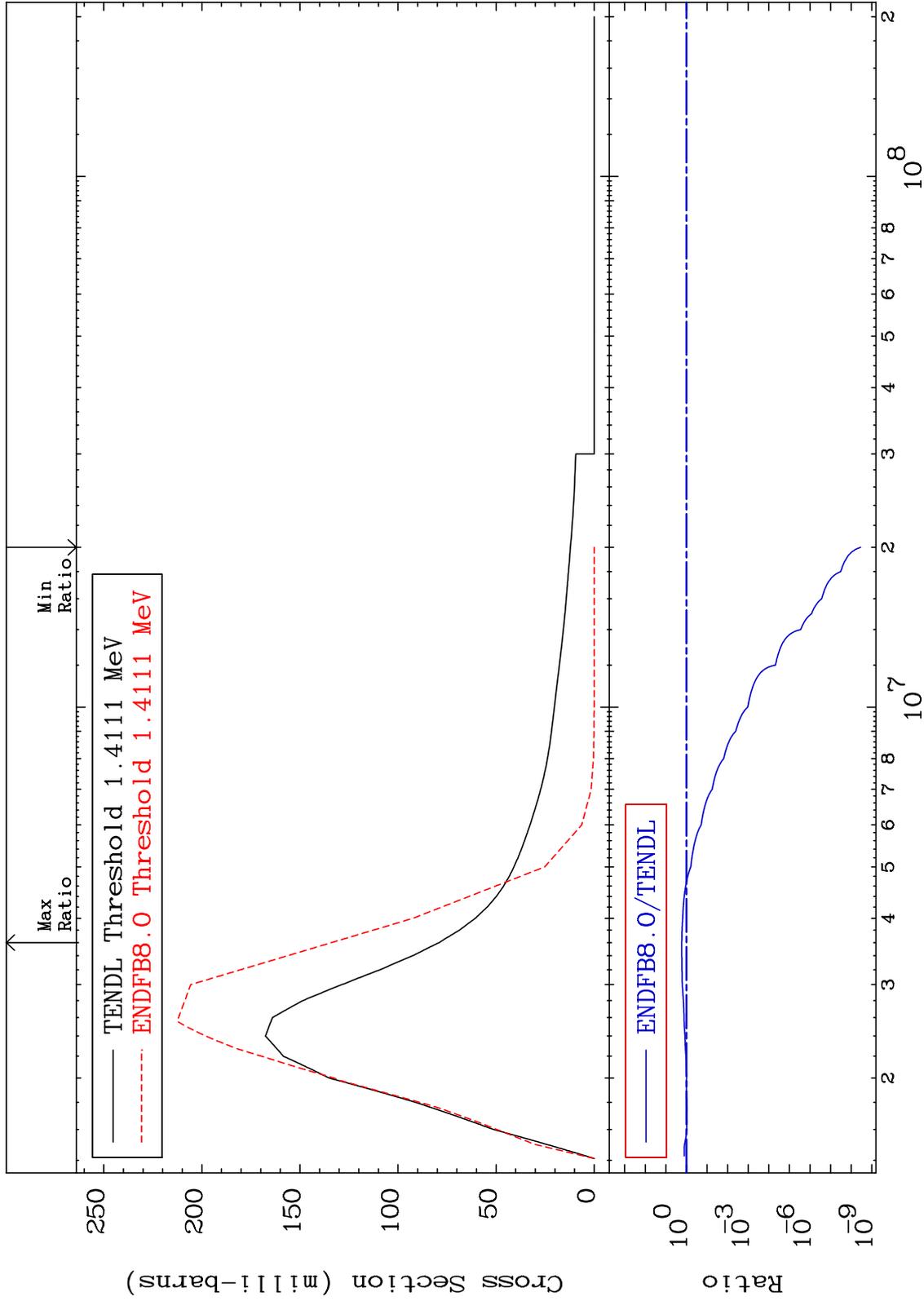
56-Ba-134
-100.0 To 264.3 %



MAT 5637

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

56-Ba-134
-100.0 To 69.30 %



10

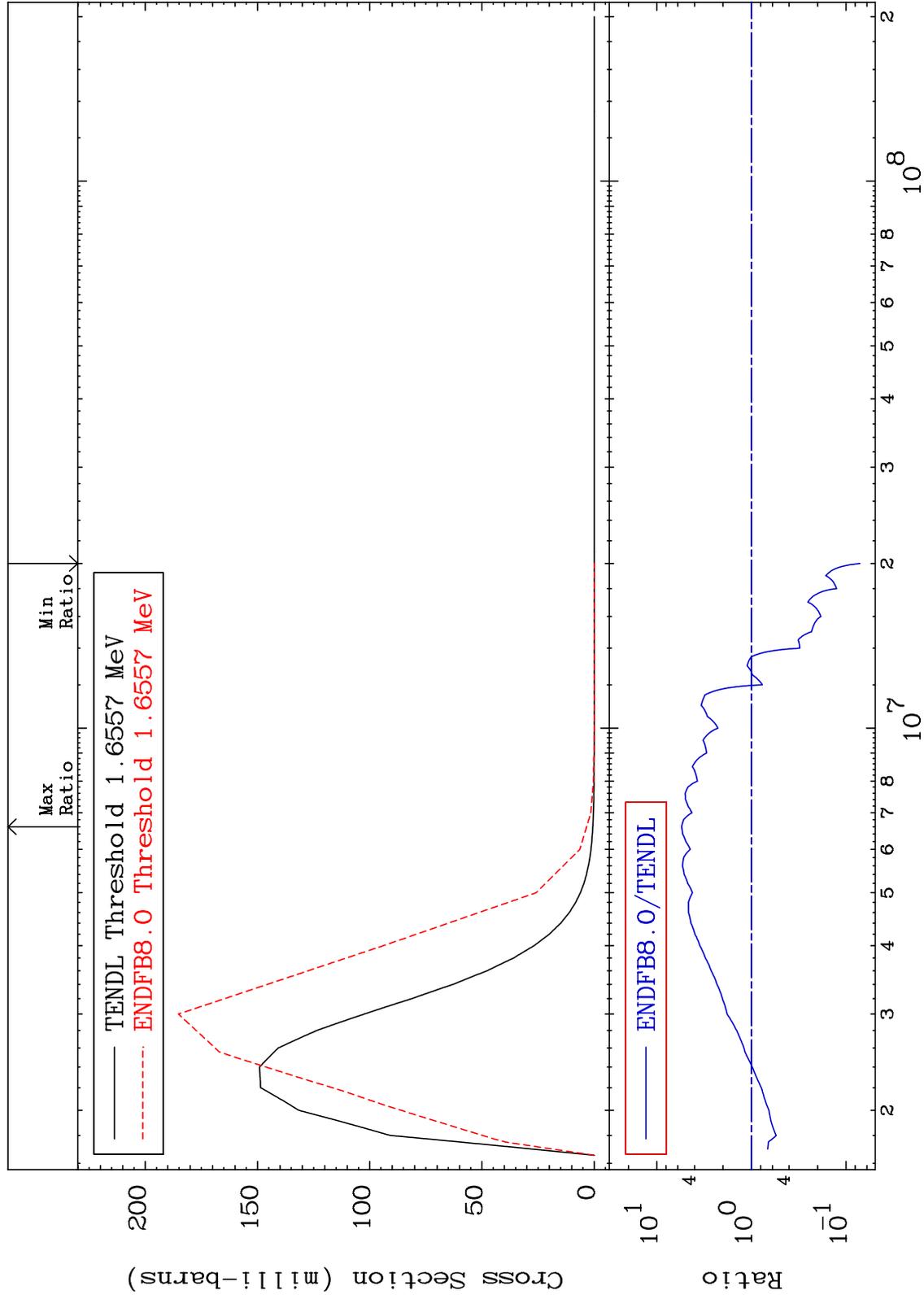
Incident Energy (eV)

56-Ba-134

MAT 5637

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

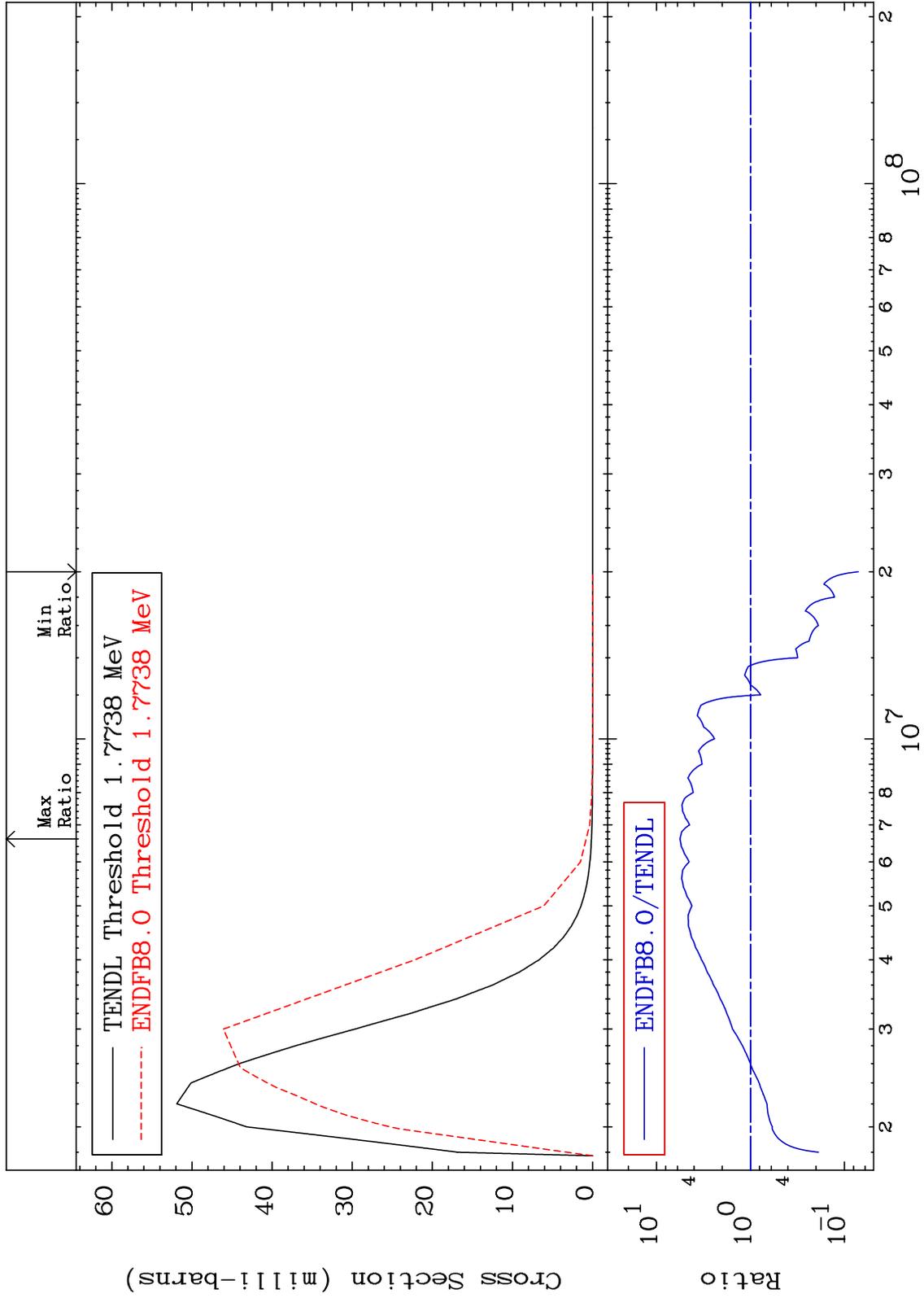
56-Ba-134
-92.88 To 448.2 %



MAT 5637

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

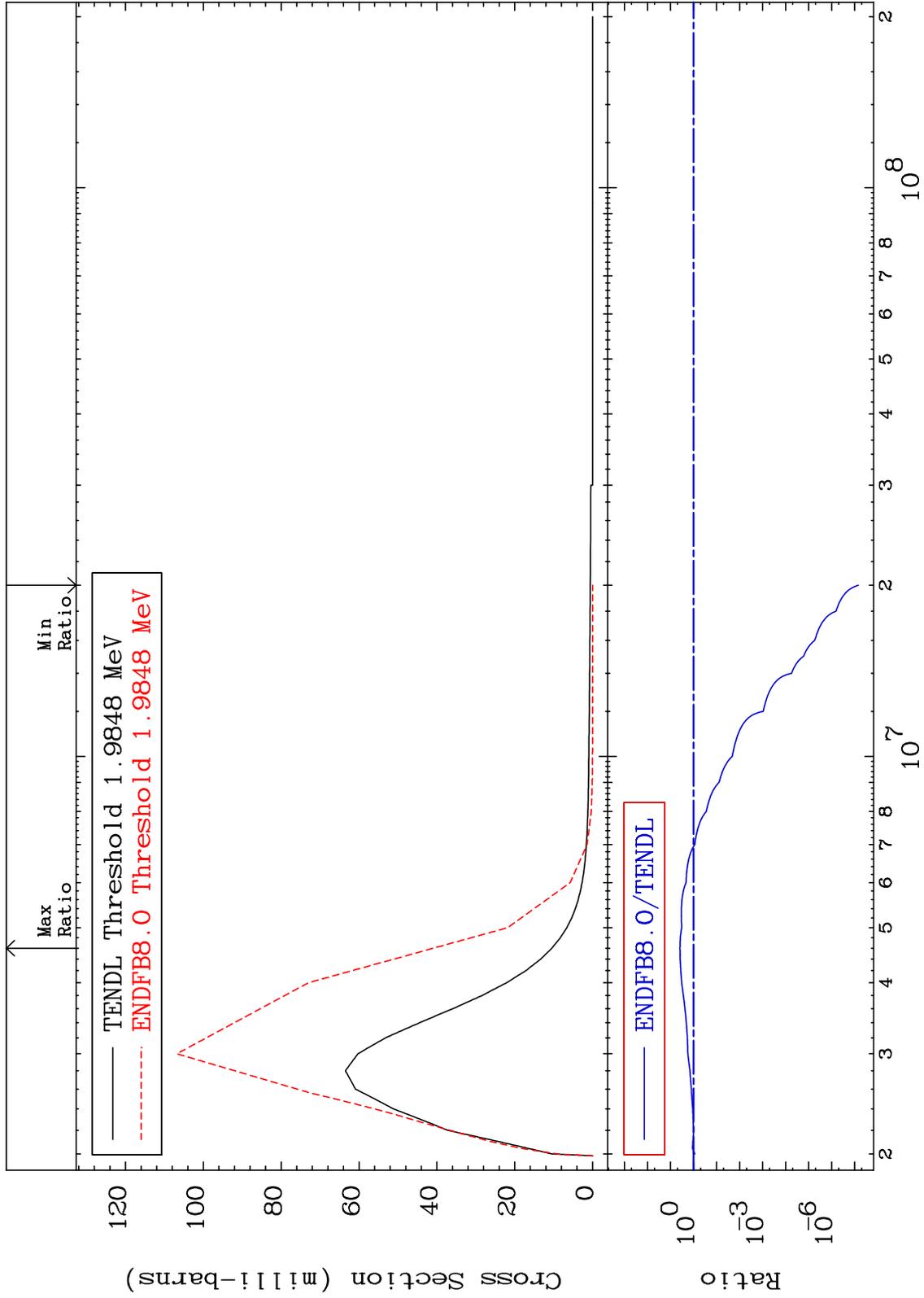
56-Ba-134
-92.91 To 464.1 %



MAT 5637

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

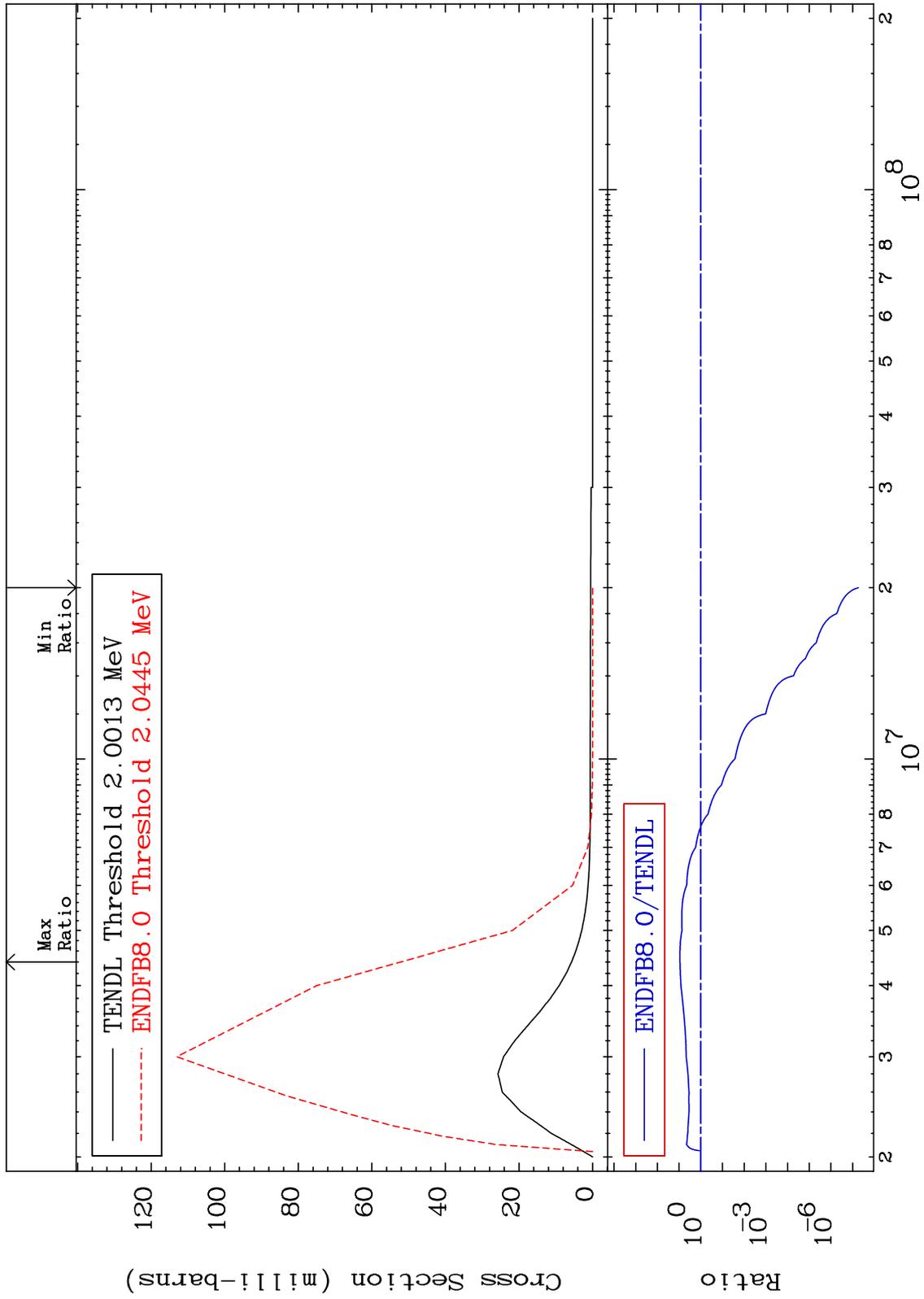
56-Ba-134
-100.0 To 291.5 %



MAT 5637

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

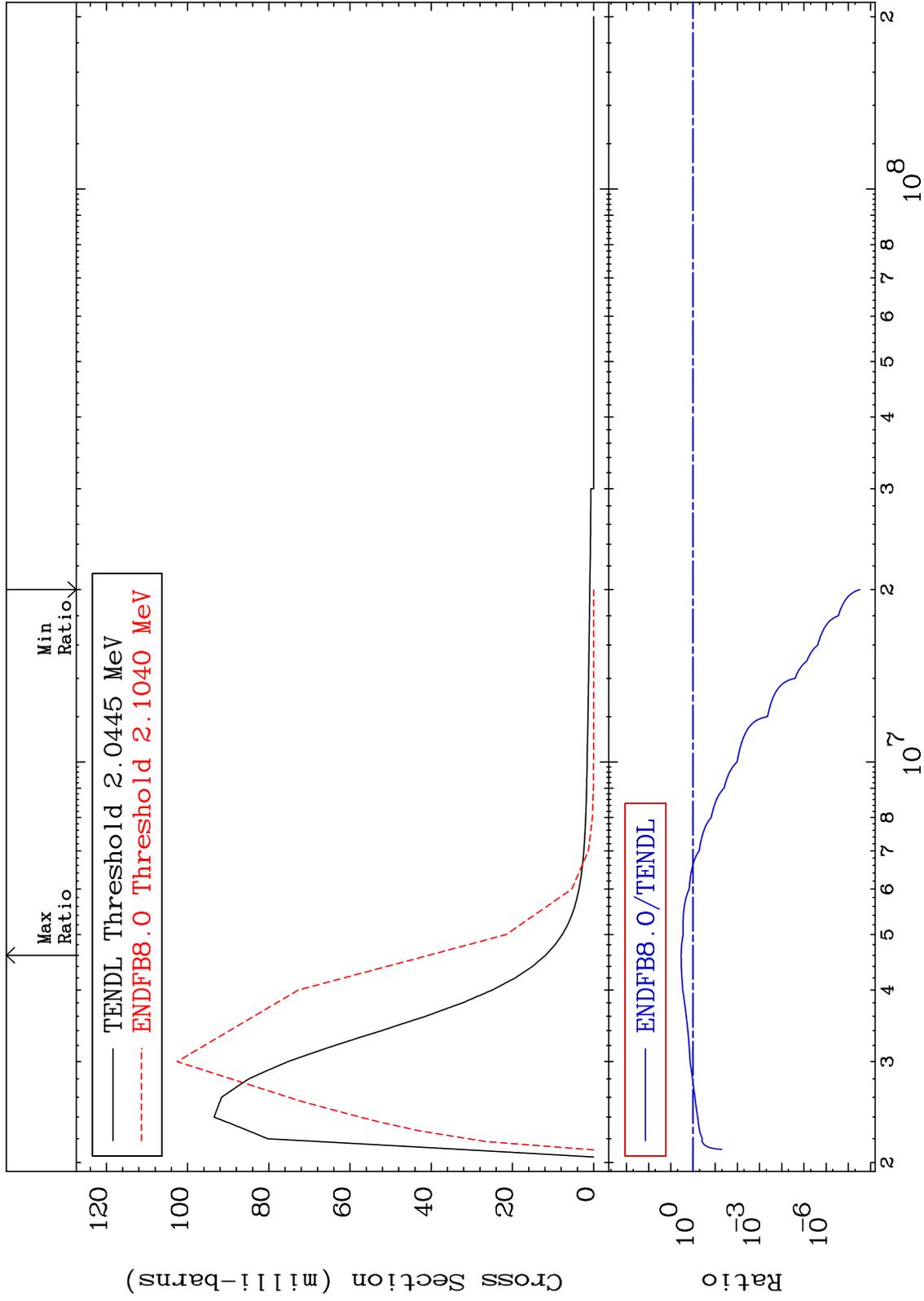
56-Ba-134
-100.0 To 815.0 %



MAT 5637

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

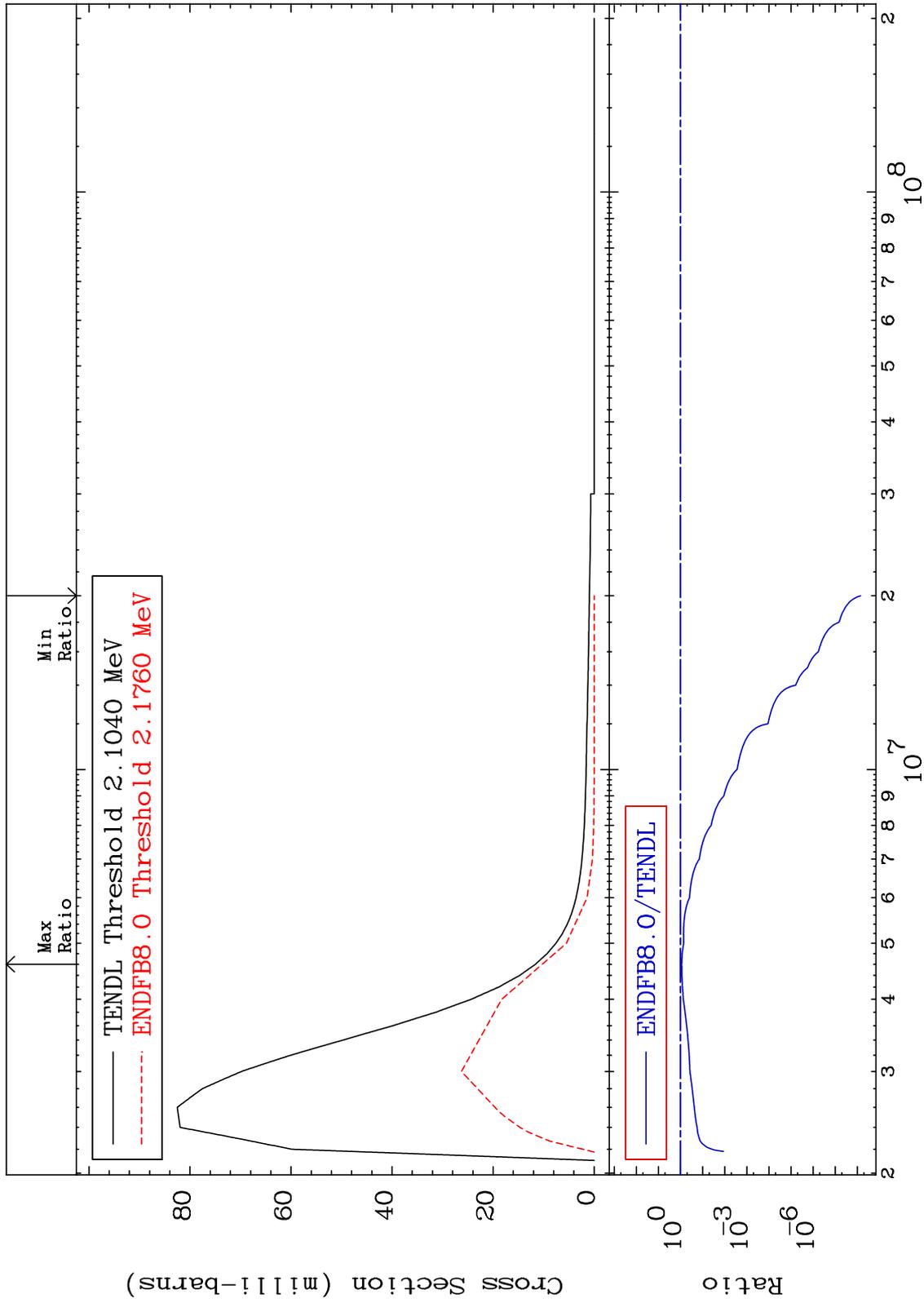
56-Ba-134
-100.0 To 243.4 %



MAT 5637

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

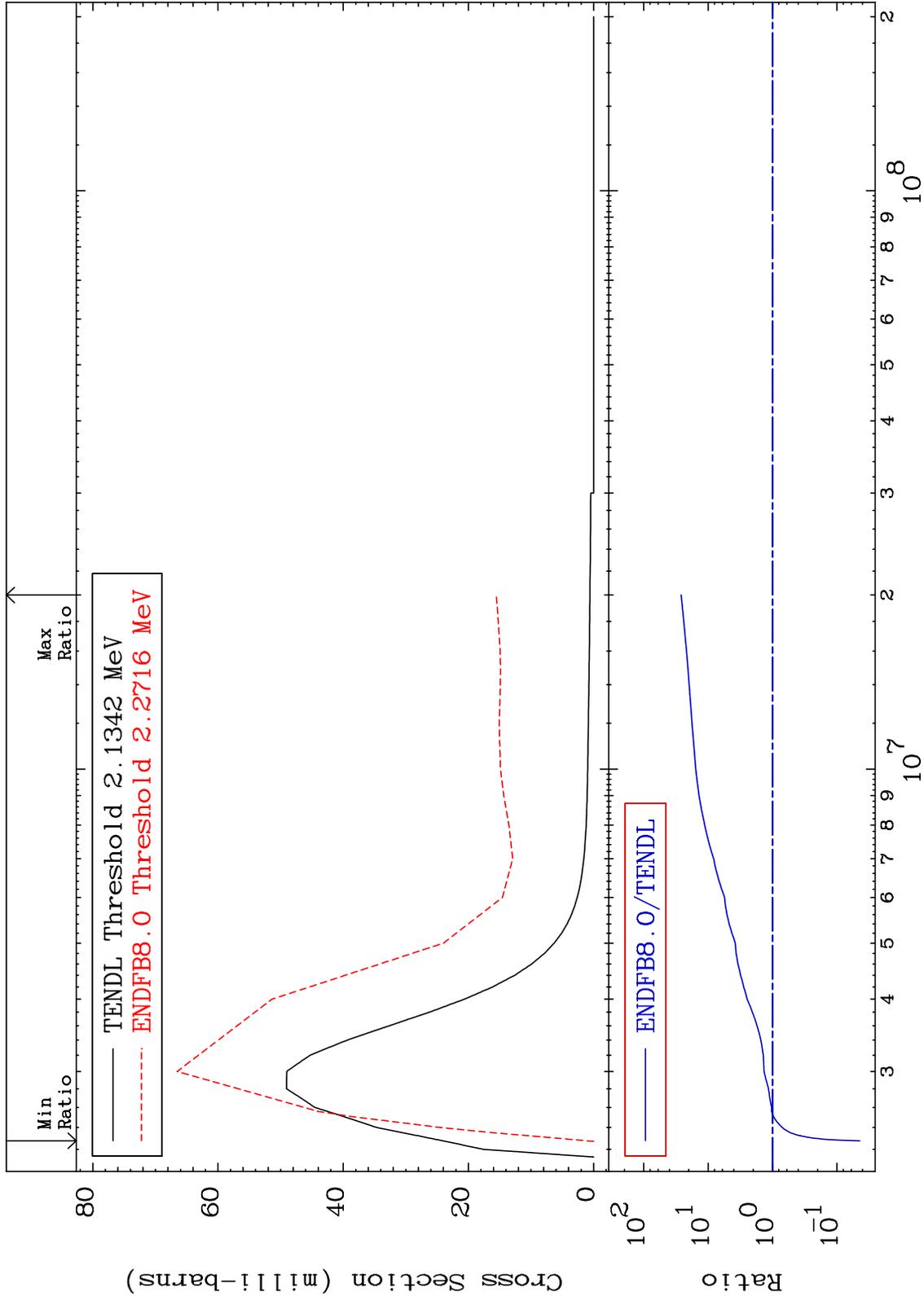
56-Ba-134
-100.0 To -11.49%



MAT 5637

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

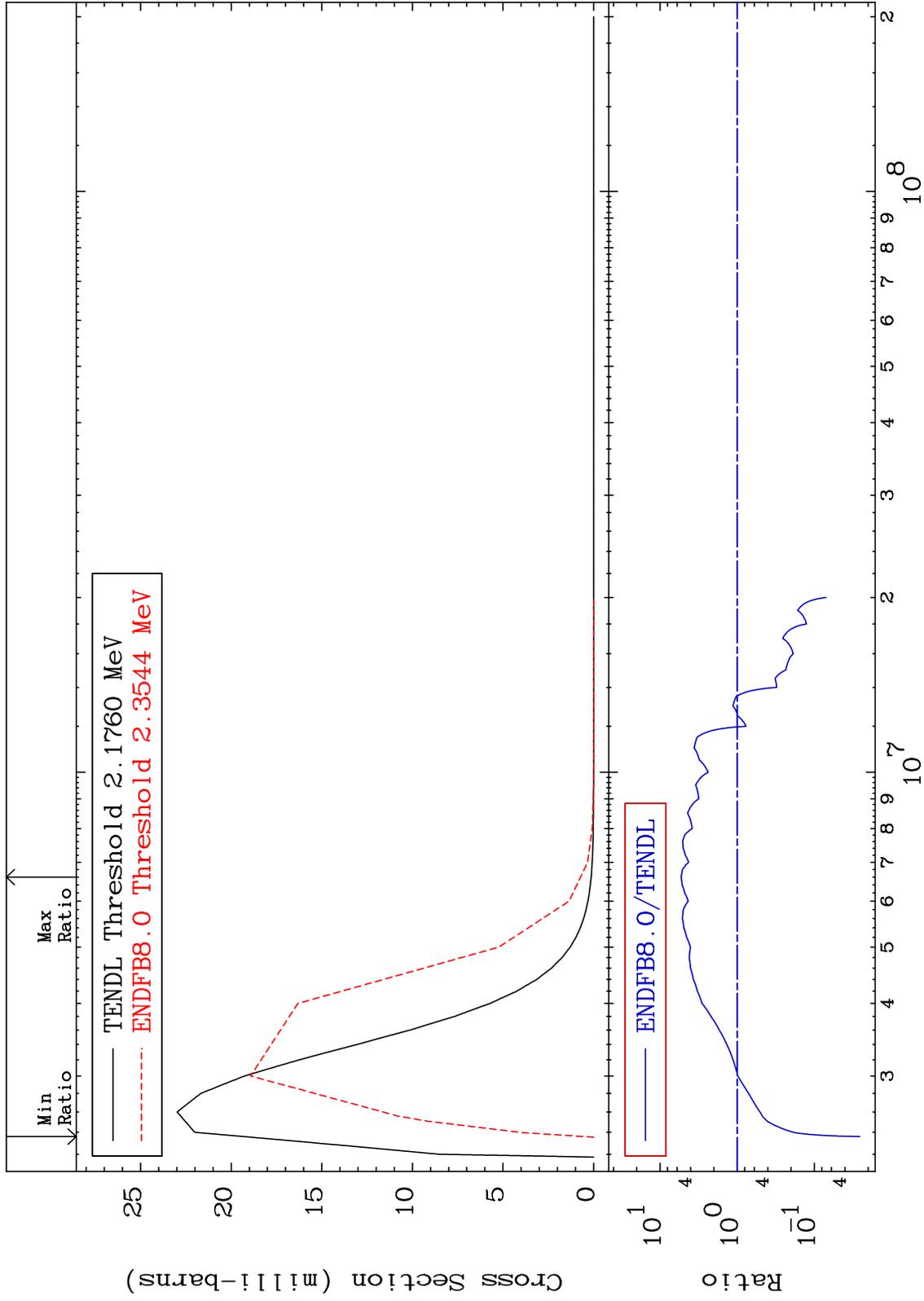
56-Ba-134
-95.60 To 2529. %



MAT 5637

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

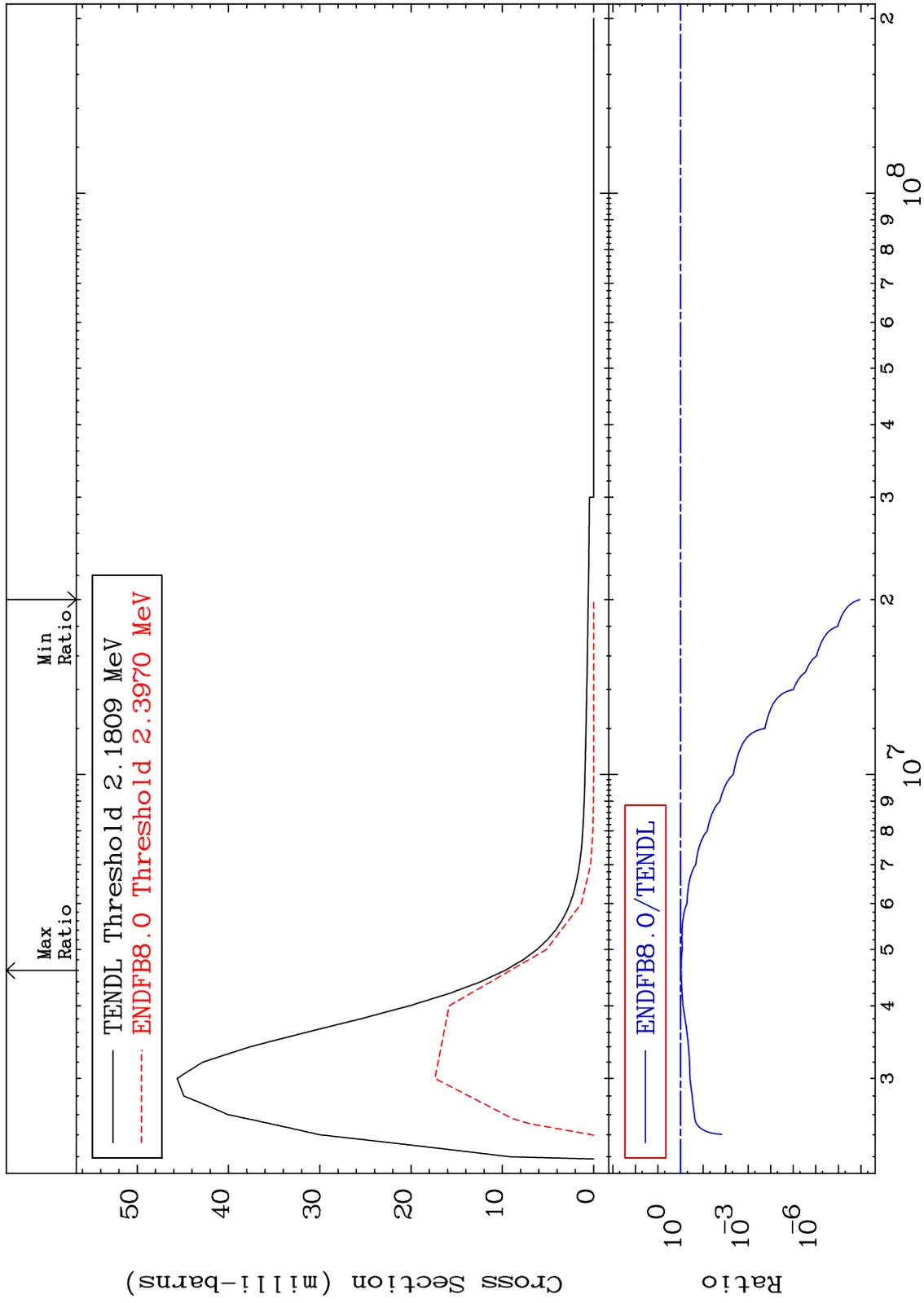
56-Ba-134
-97.43 To 432.2 %



MAT 5637

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

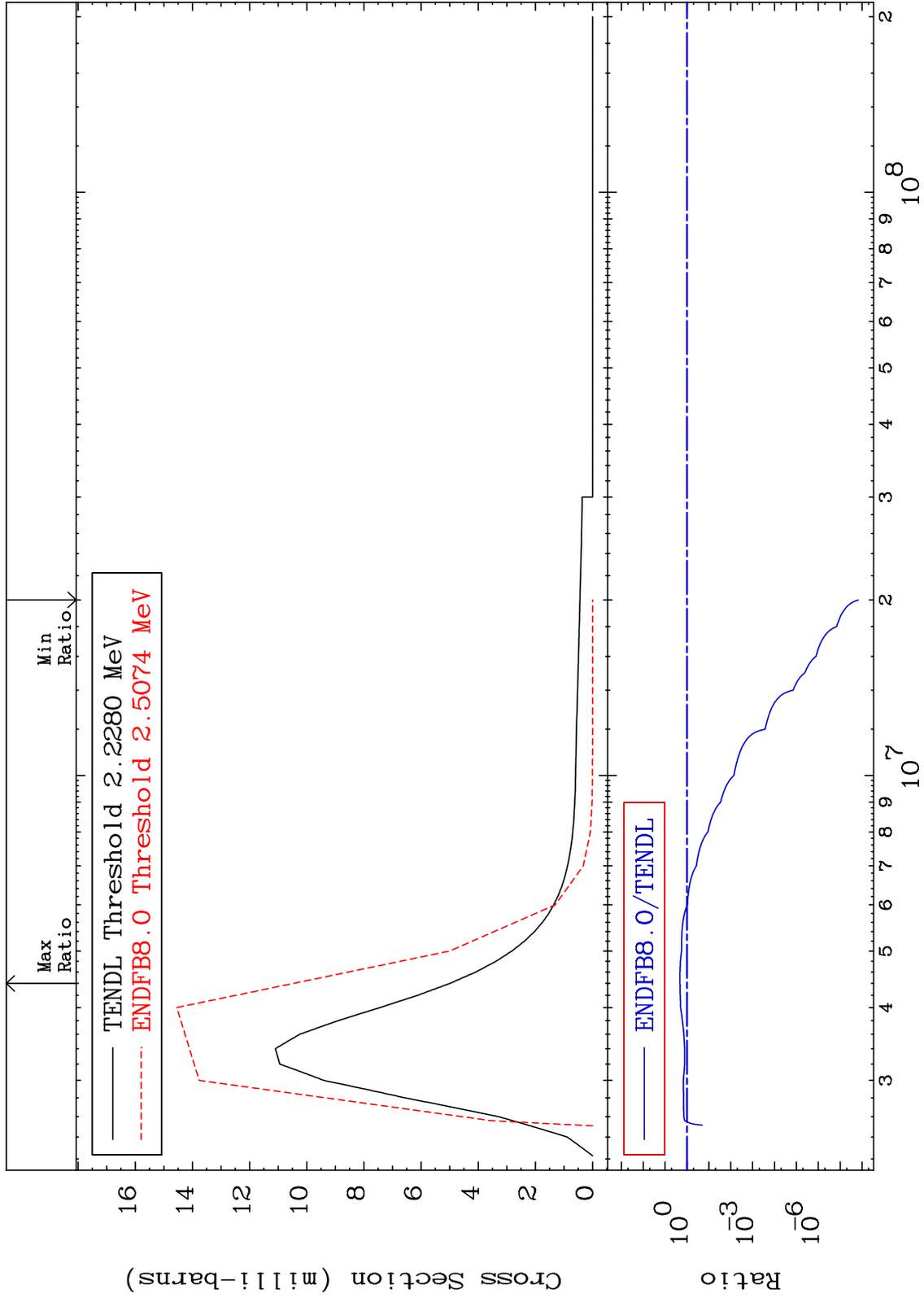
56-Ba-134
-100.0 To -5.939%



MAT 5637

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

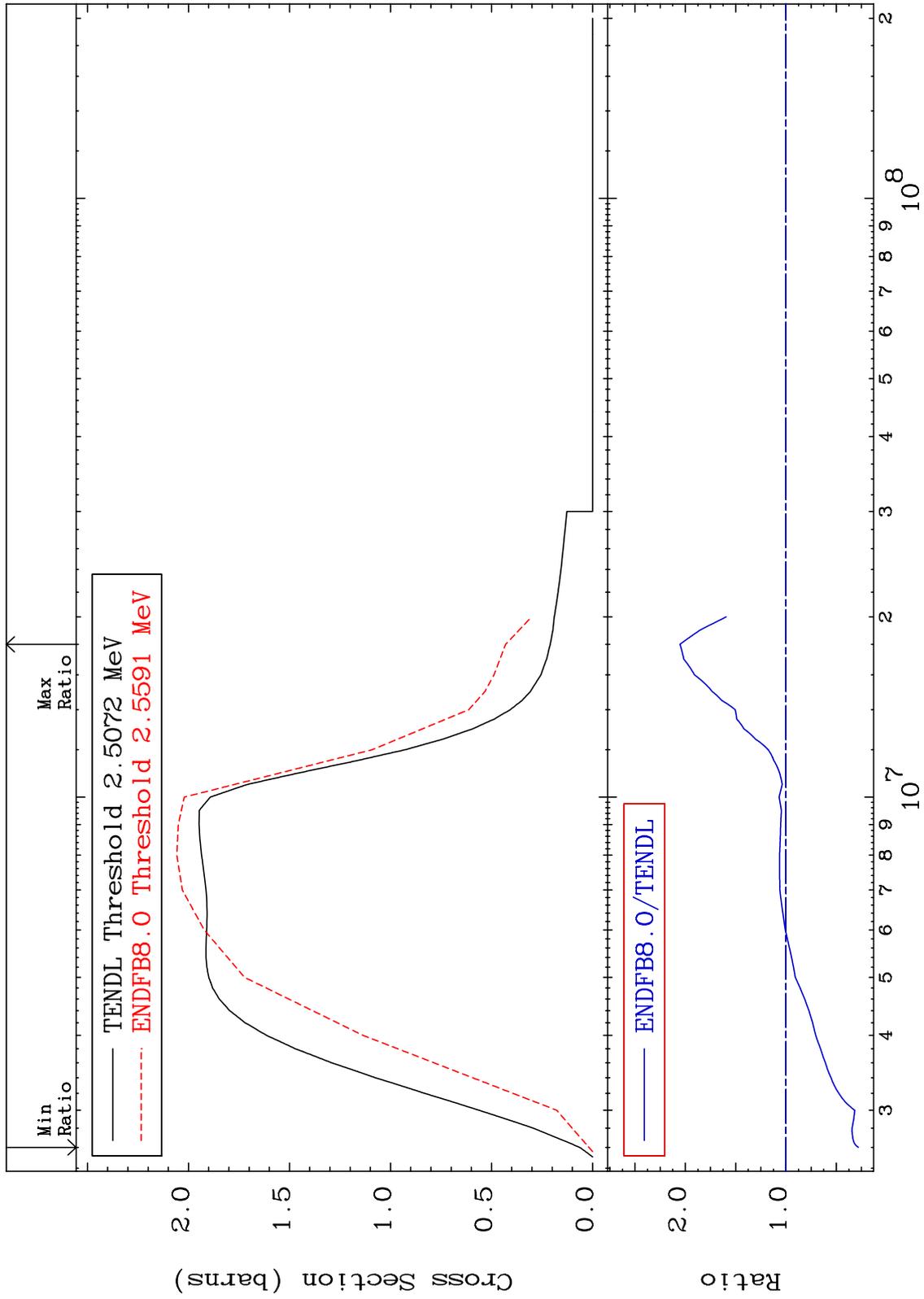
56-Ba-134
-100.0 To 109.8 %



MAT 5637

(n, n') Continuum
Cross Section

56-Ba-134
-71.96 To 105.3 %



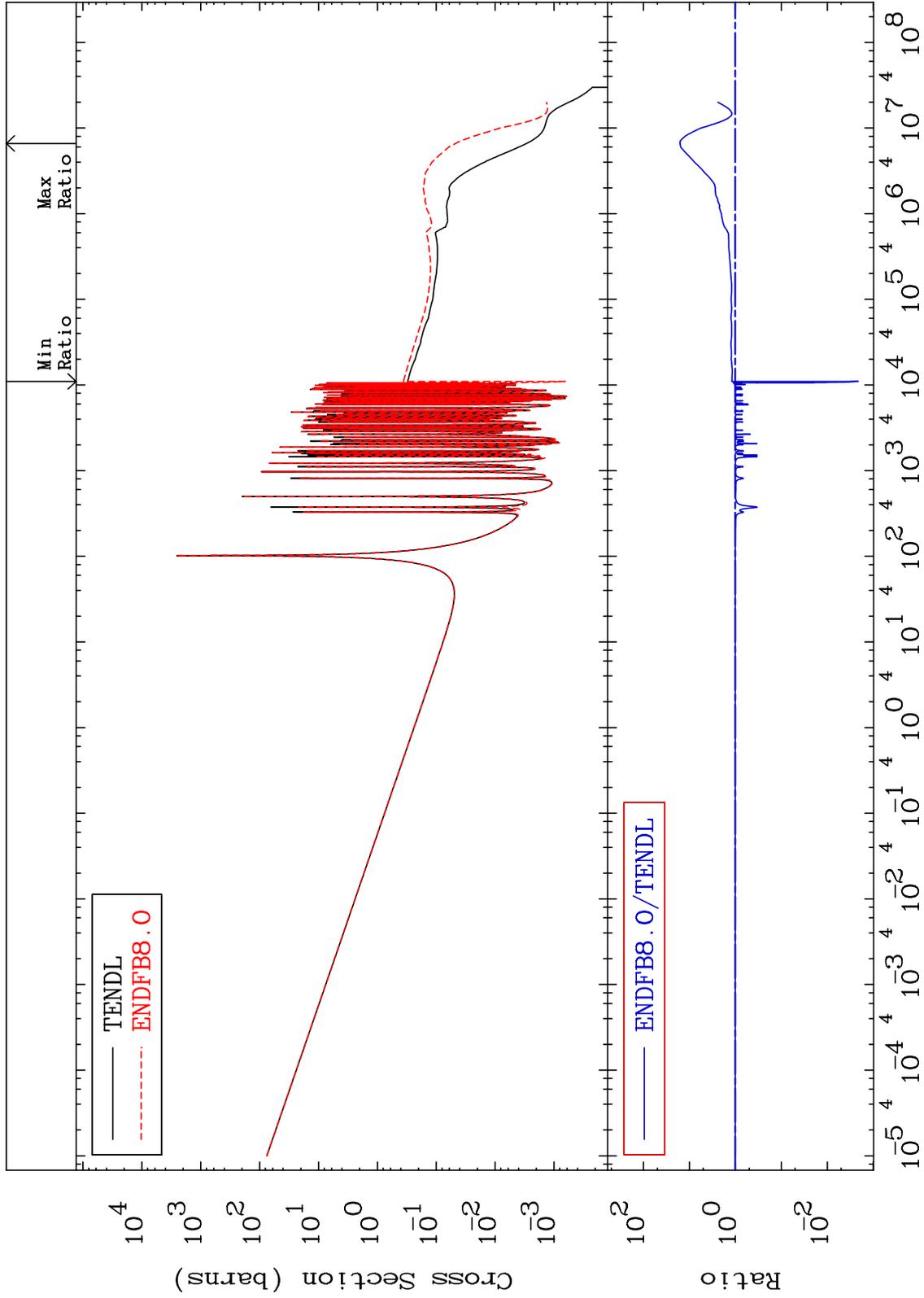
56-Ba-134

Incident Energy (eV)

MAT 5637

(n, γ)
Cross Section

56-Ba-134
-99.79 To 1508. %

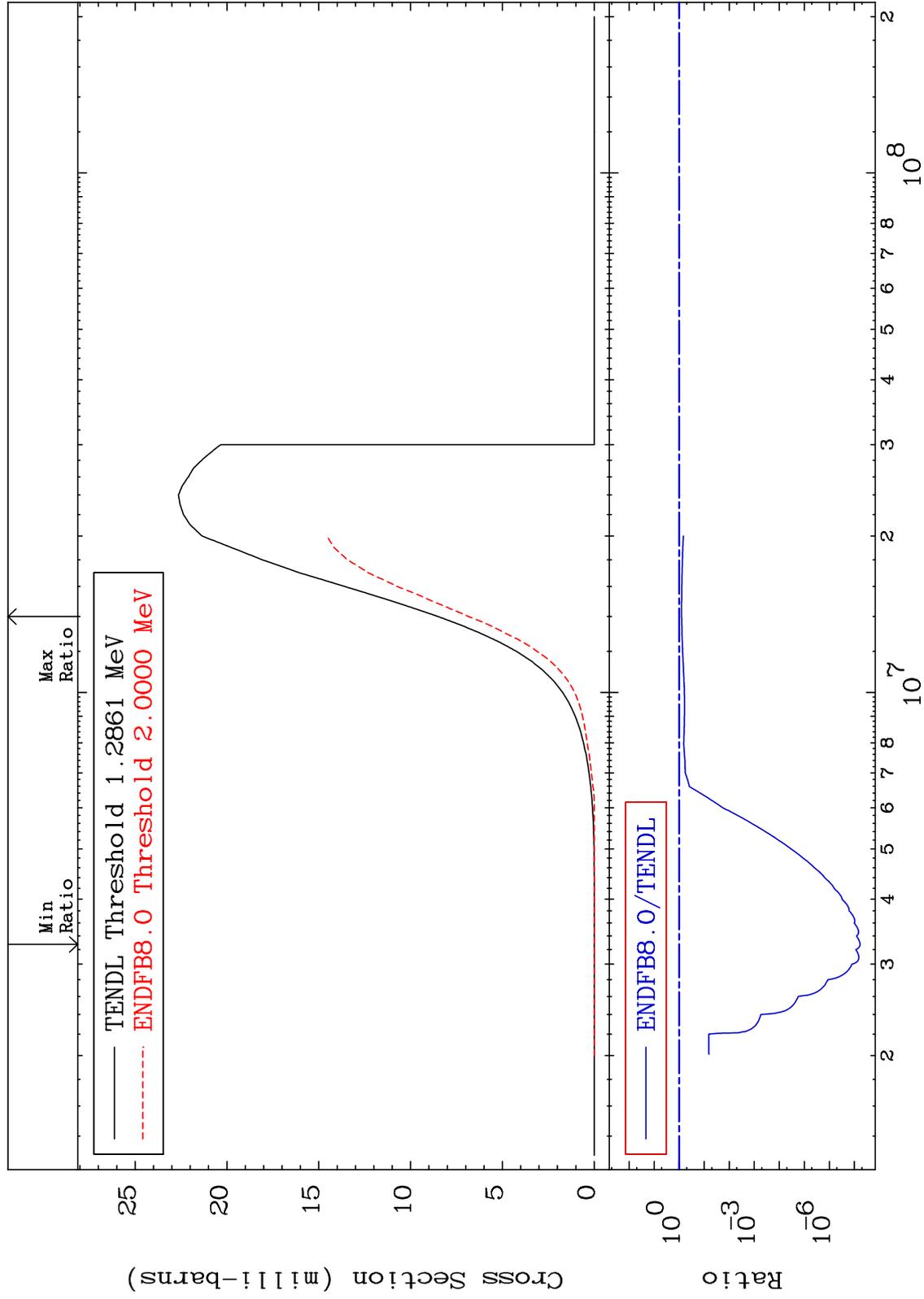


22

56-Ba-134

MAT 5637

(n,p) Cross Section
56-Ba-134
-100.0 To -19.53%



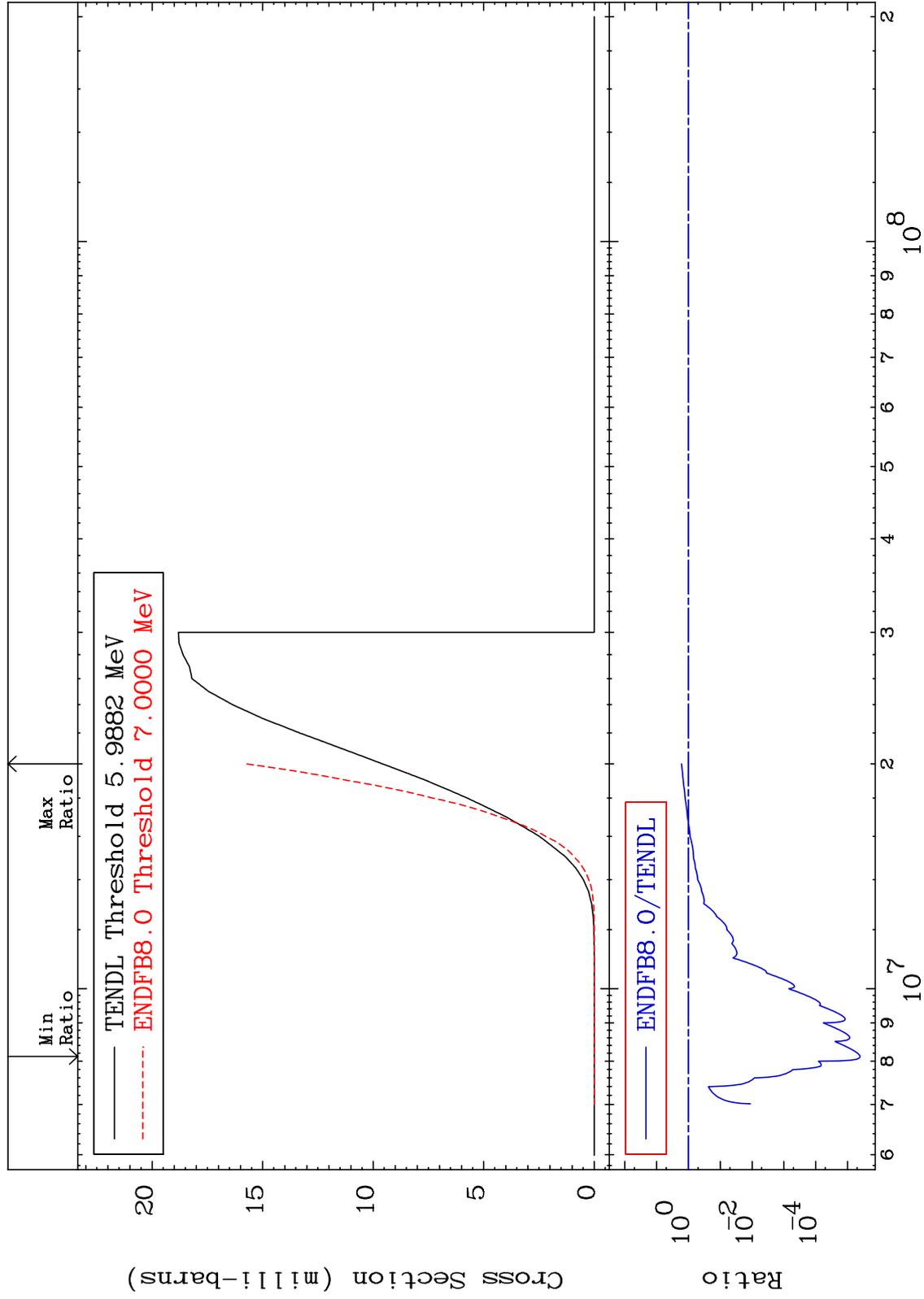
MAT 5637

(n, d)

56-Ba-134

Cross Section

-100.0 To 64.51 %



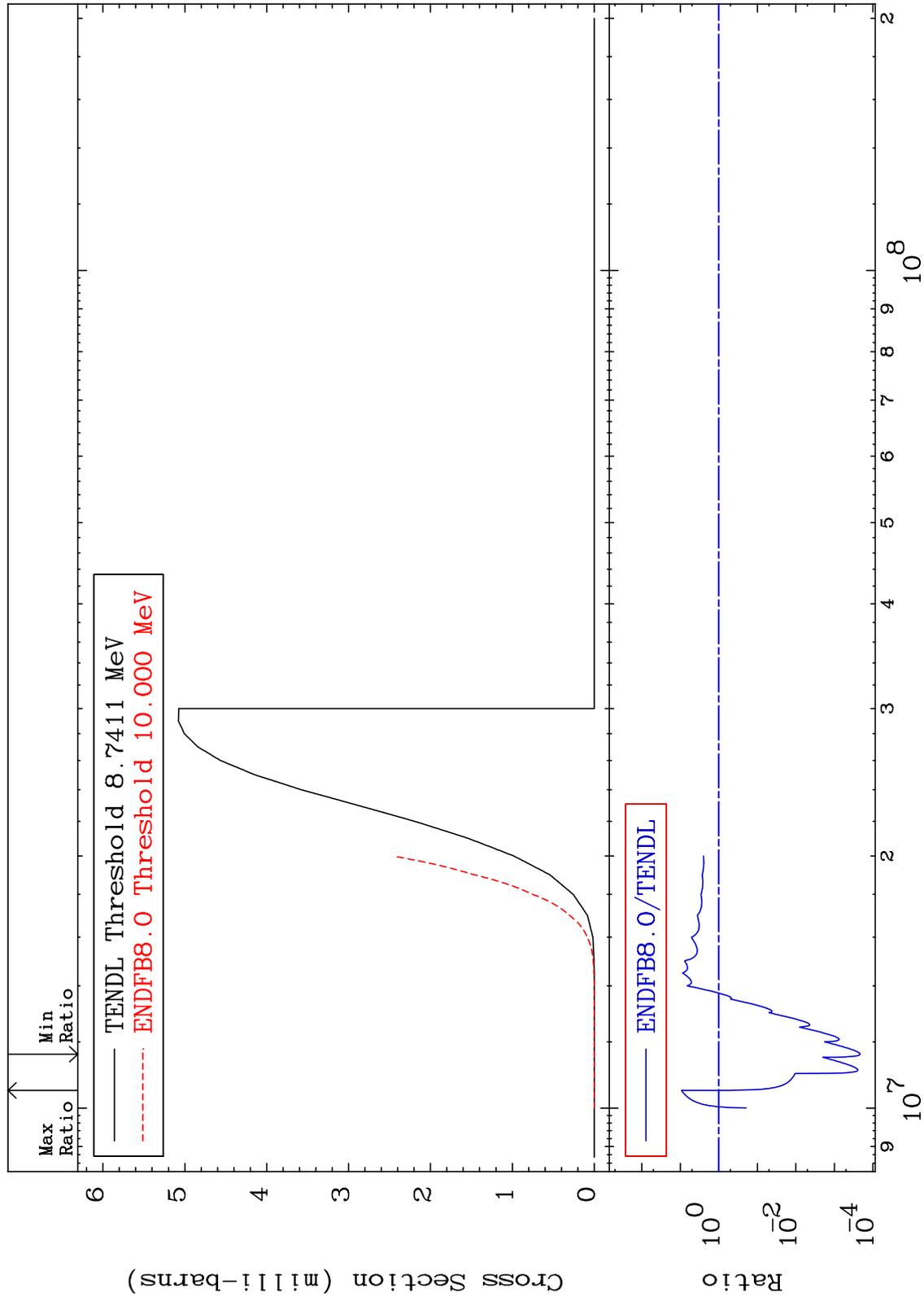
MAT 5637

(n, t)

56-Ba-134

Cross Section

-99.98 To 830.7 %



25

Incident Energy (eV)

56-Ba-134

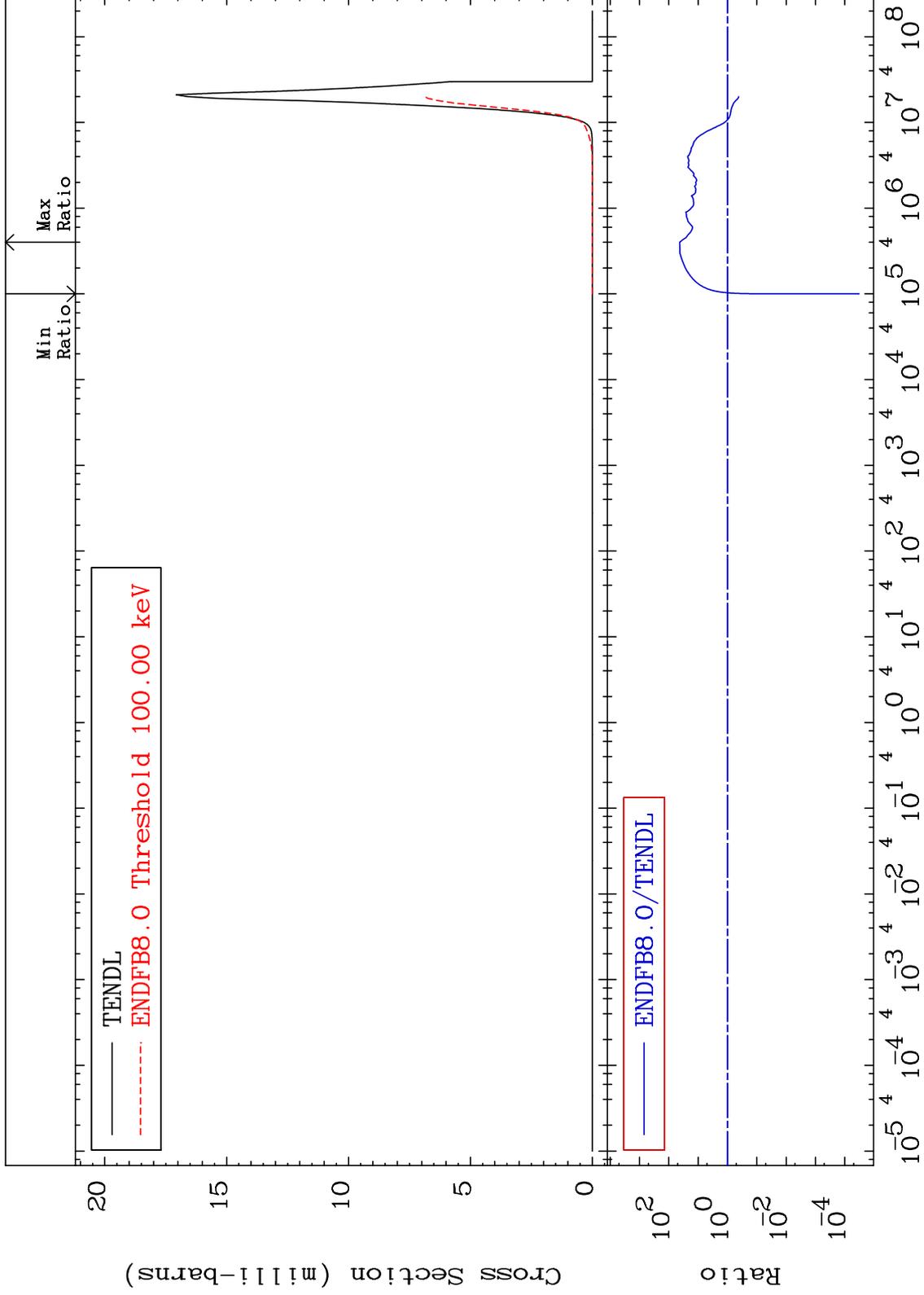
MAT 5637

(n, α)

56-Ba-134

Cross Section

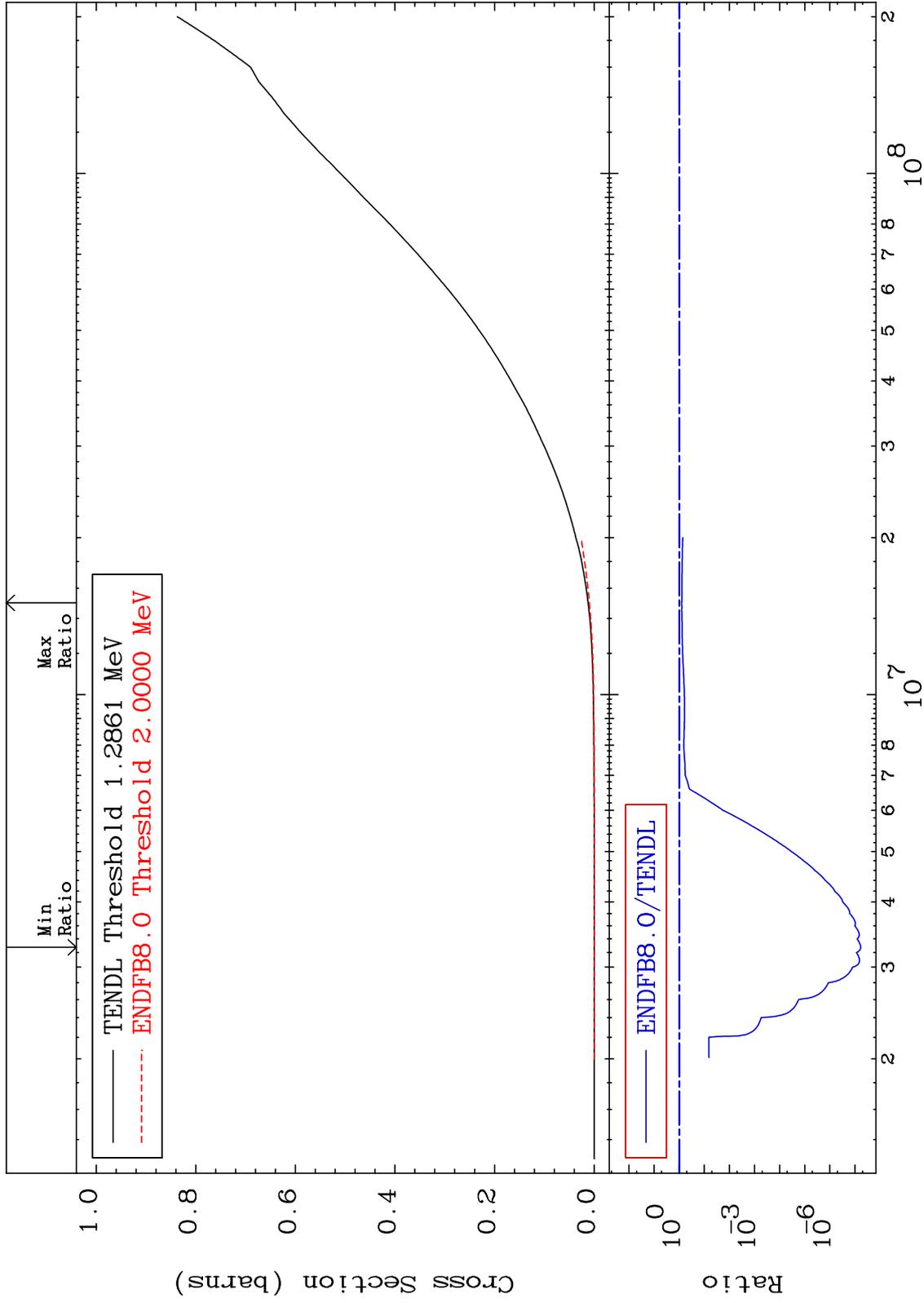
-100.0 To 4153. %



MAT 5637

Hydrogen Production
Cross Section

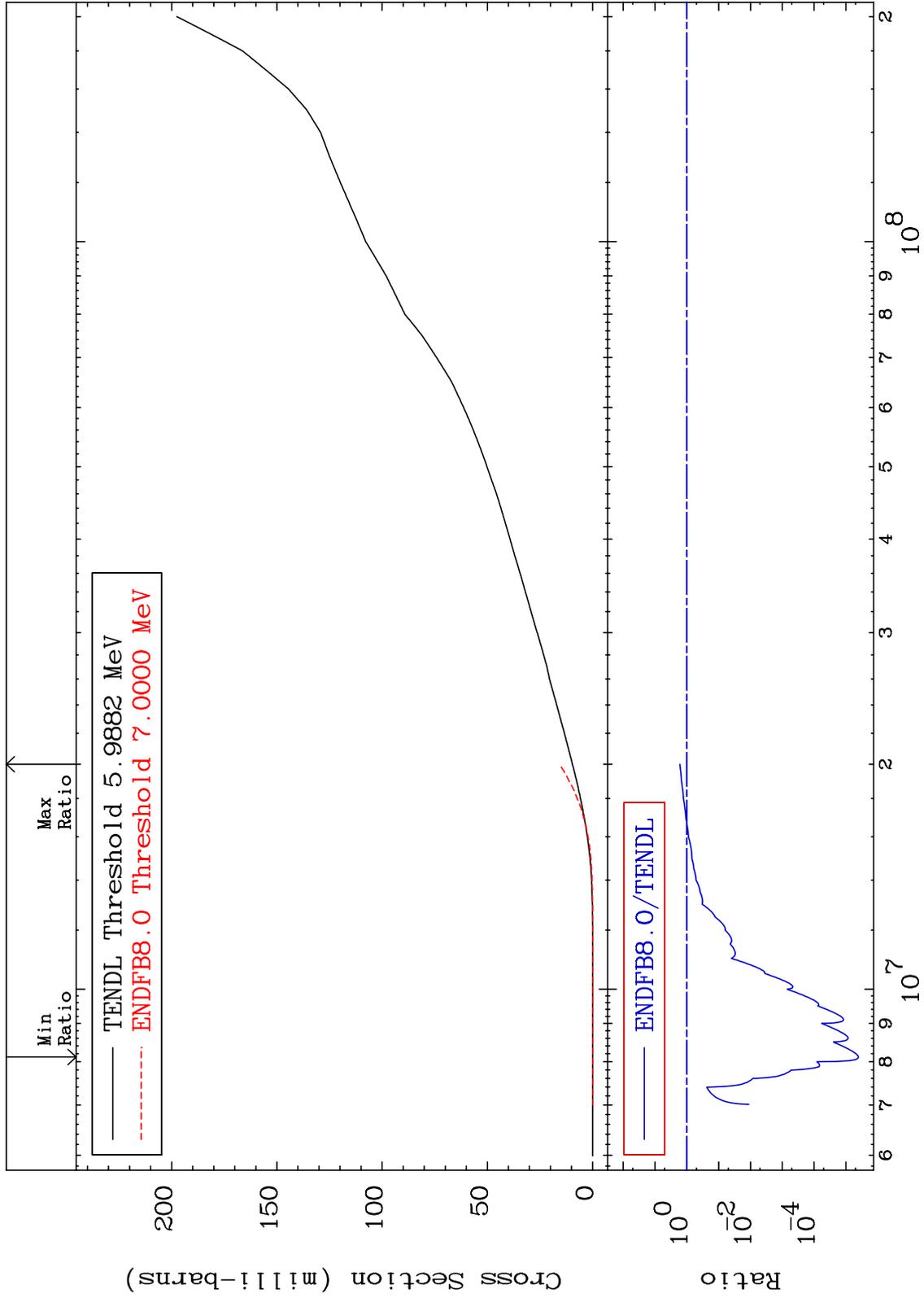
56-Ba-134
-100.0 To -20.89%



MAT 5637

Deuterium Production
Cross Section

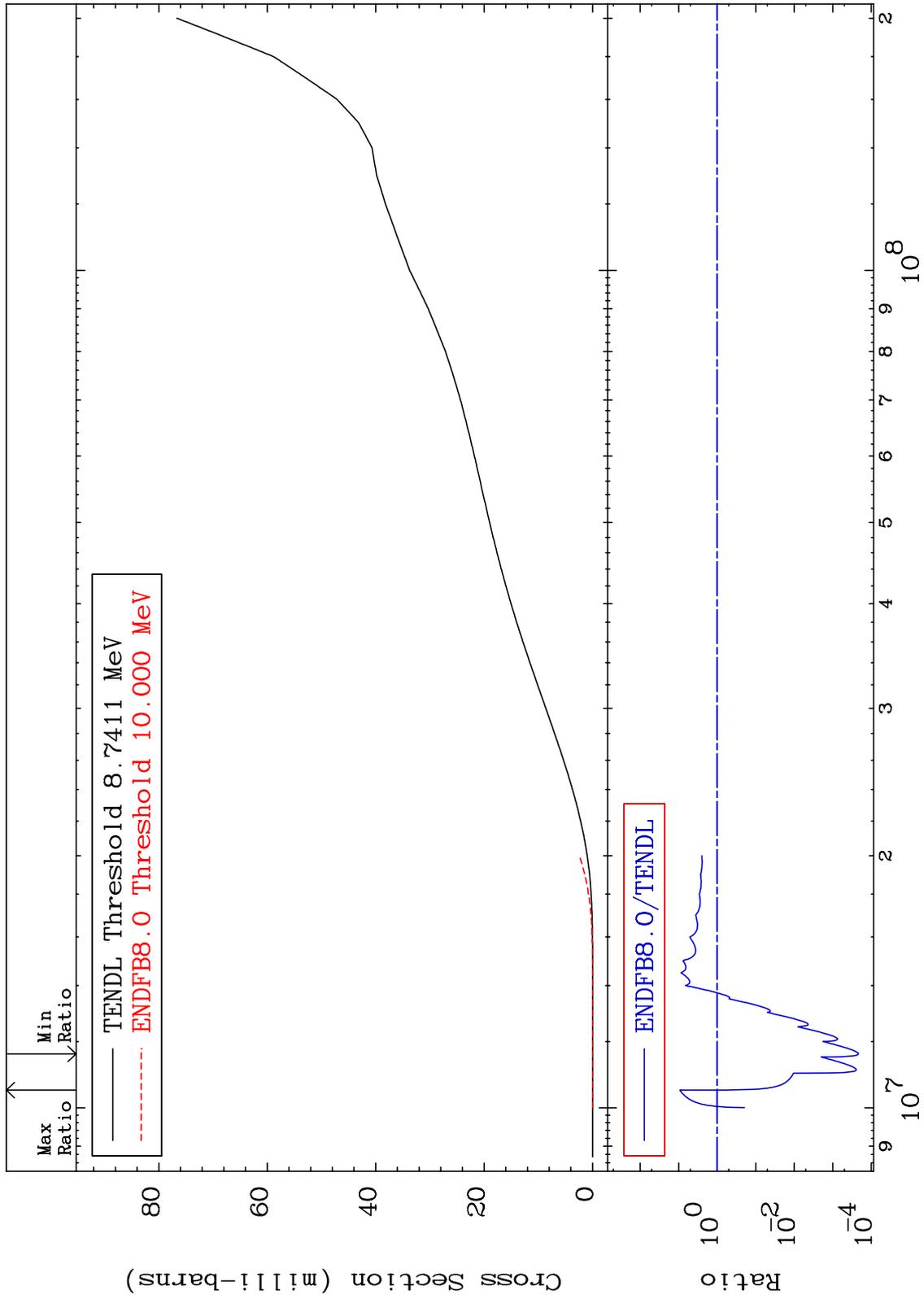
56-Ba-134
-100.0 To 64.50 %



MAT 5637

Tritium Production
Cross Section

56-Ba-134
-99.98 To 830.7 %



29

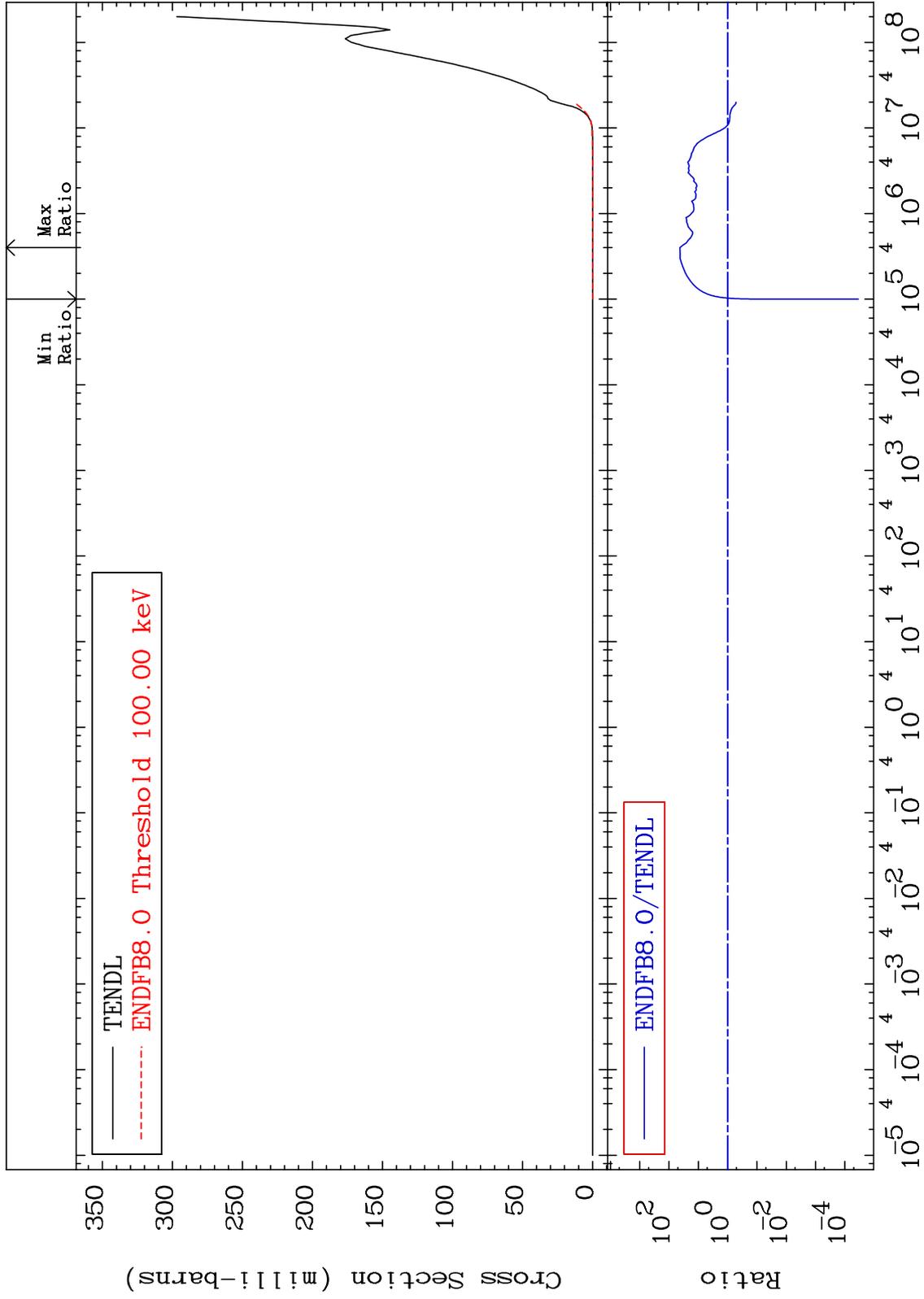
Incident Energy (eV)

56-Ba-134

MAT 5637

He-4 Production
Cross Section

56-Ba-134
-100.0 To 4153. %

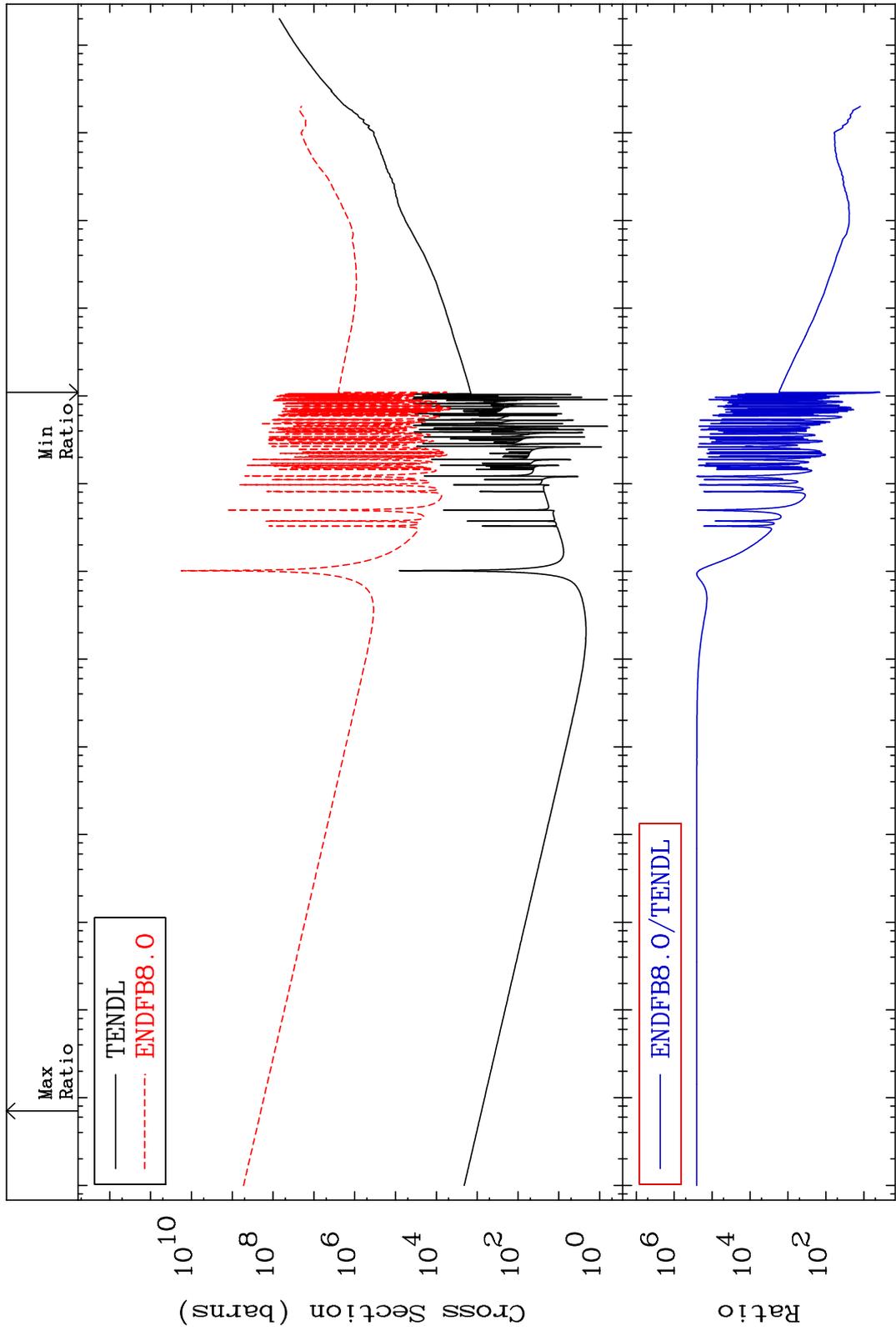


30

Incident Energy (eV)

56-Ba-134

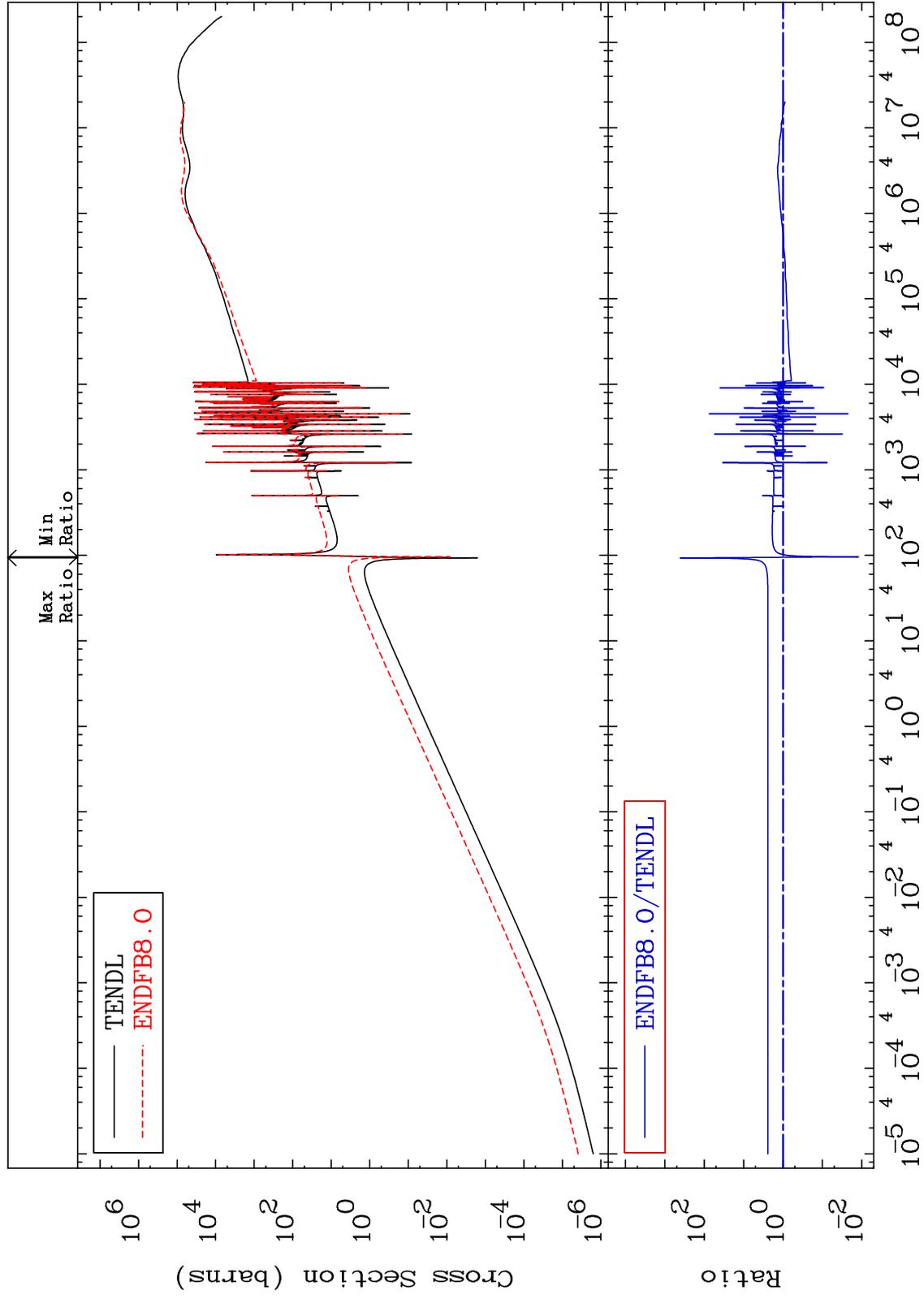
MAT 5637 Kerma total (eV-barns) 56-Ba-134
 Cross Section 284.2 To 9999. %



MAT 5637

Kerma elastic
Cross Section

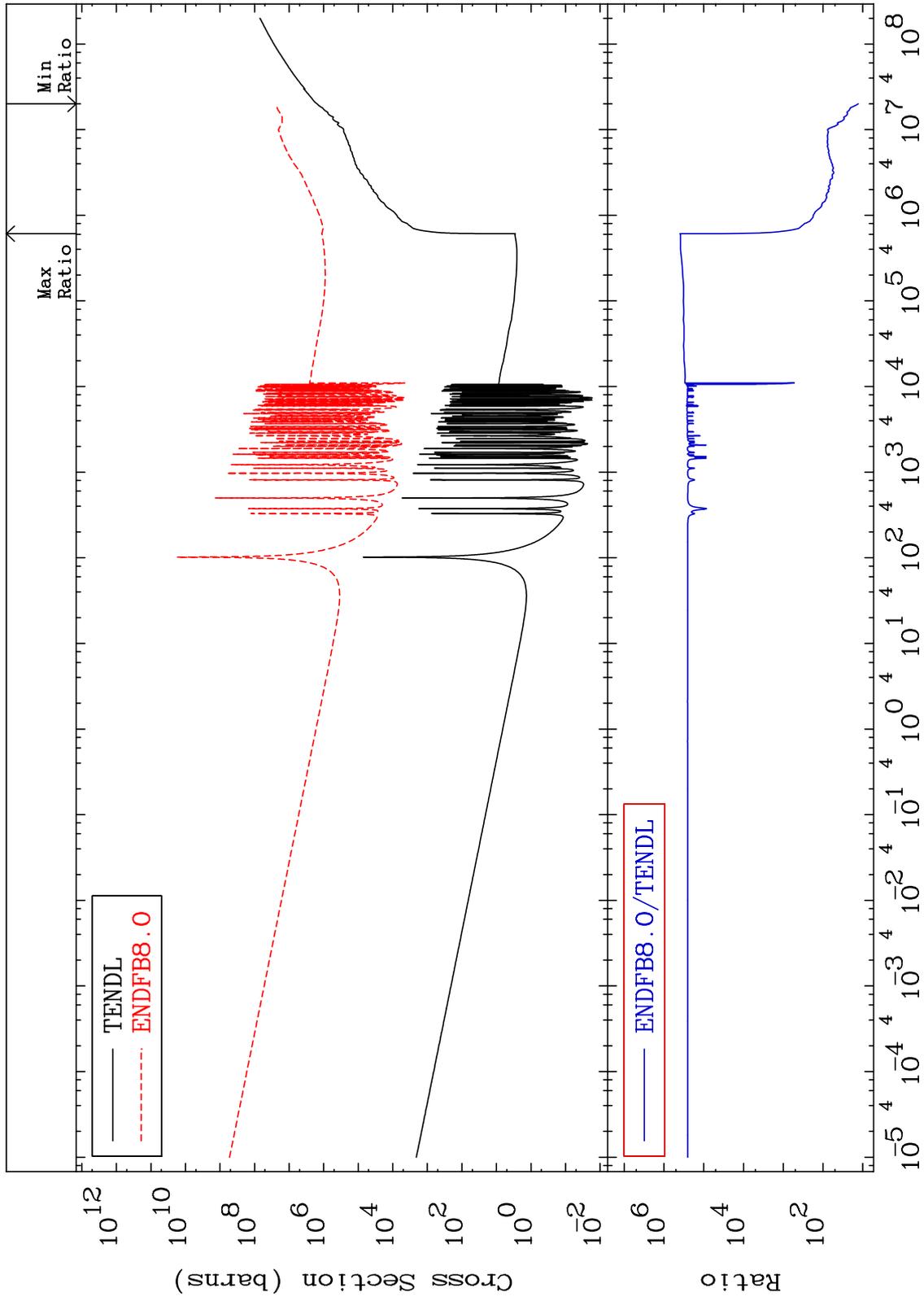
56-Ba-134
-98.79 To 9999. %



MAT 5637

Kerma non-elastic (all but mt2)
Cross Section

56-Ba-134
1188. To 9999. %



33

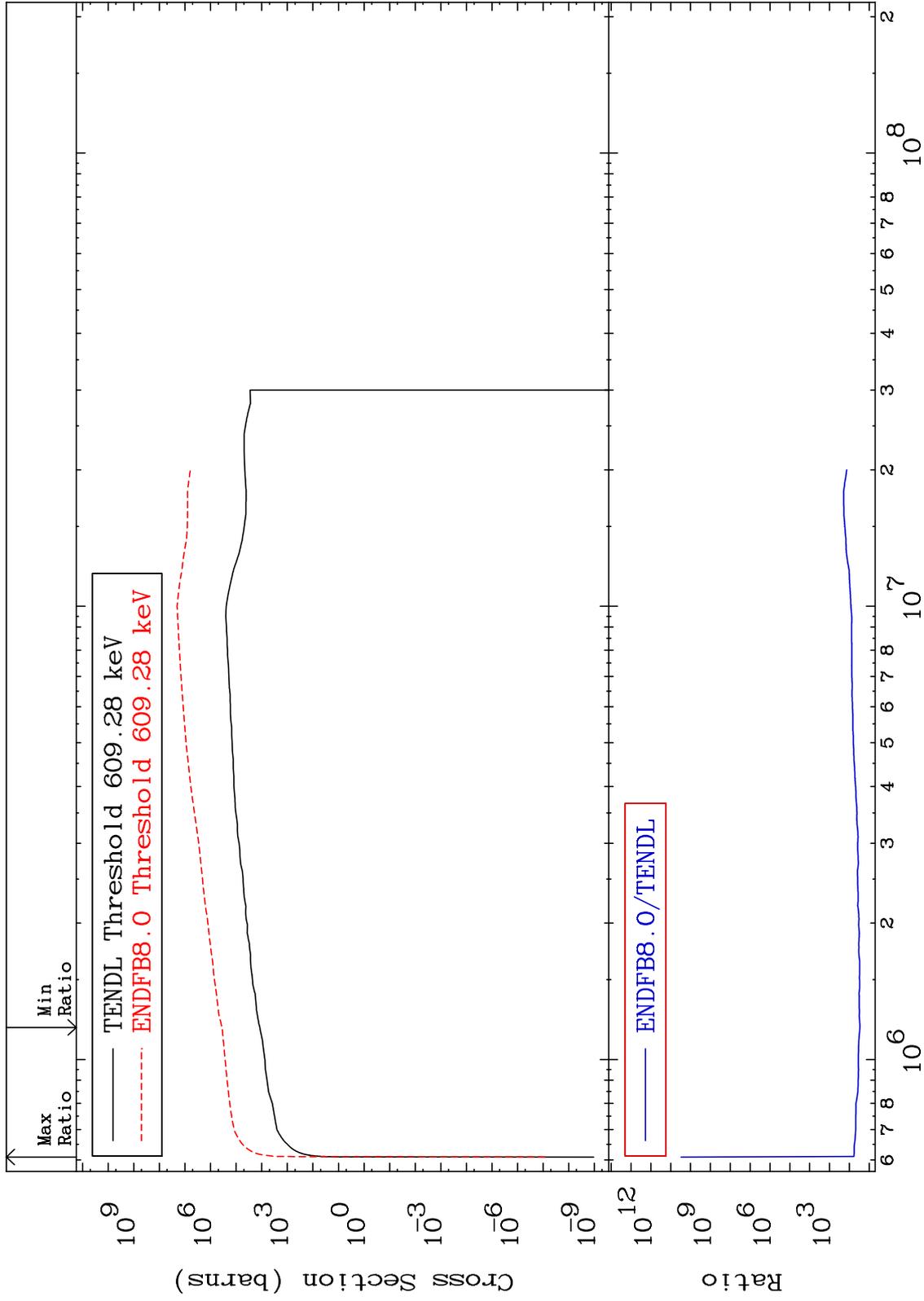
Incident Energy (eV)

56-Ba-134

MAT 5637

Kerma inelastic (mt51-91)
Cross Section

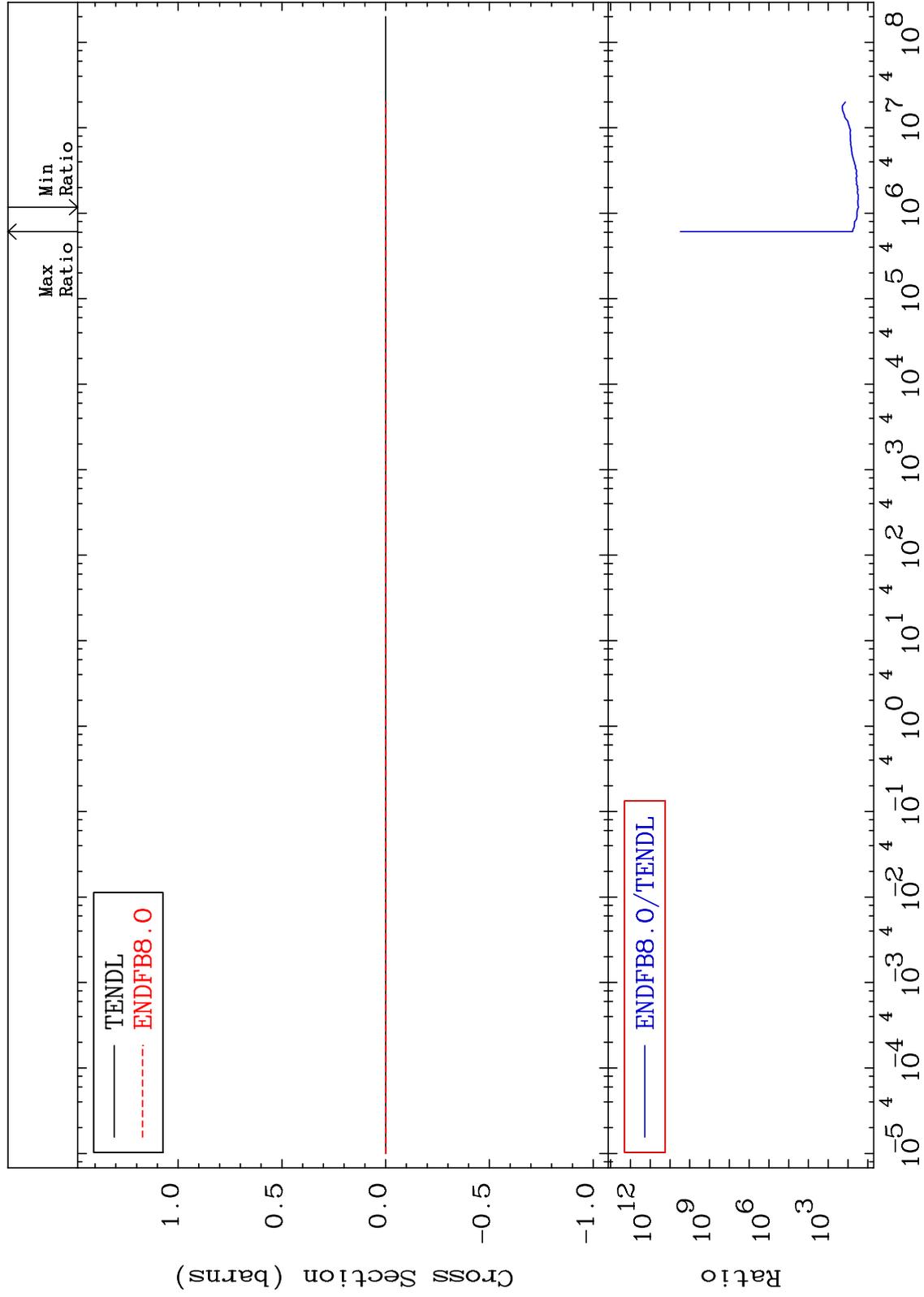
56-Ba-134
2850. To 9999. %



MAT 5637

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

56-Ba-134
2850. To 9999. %



35

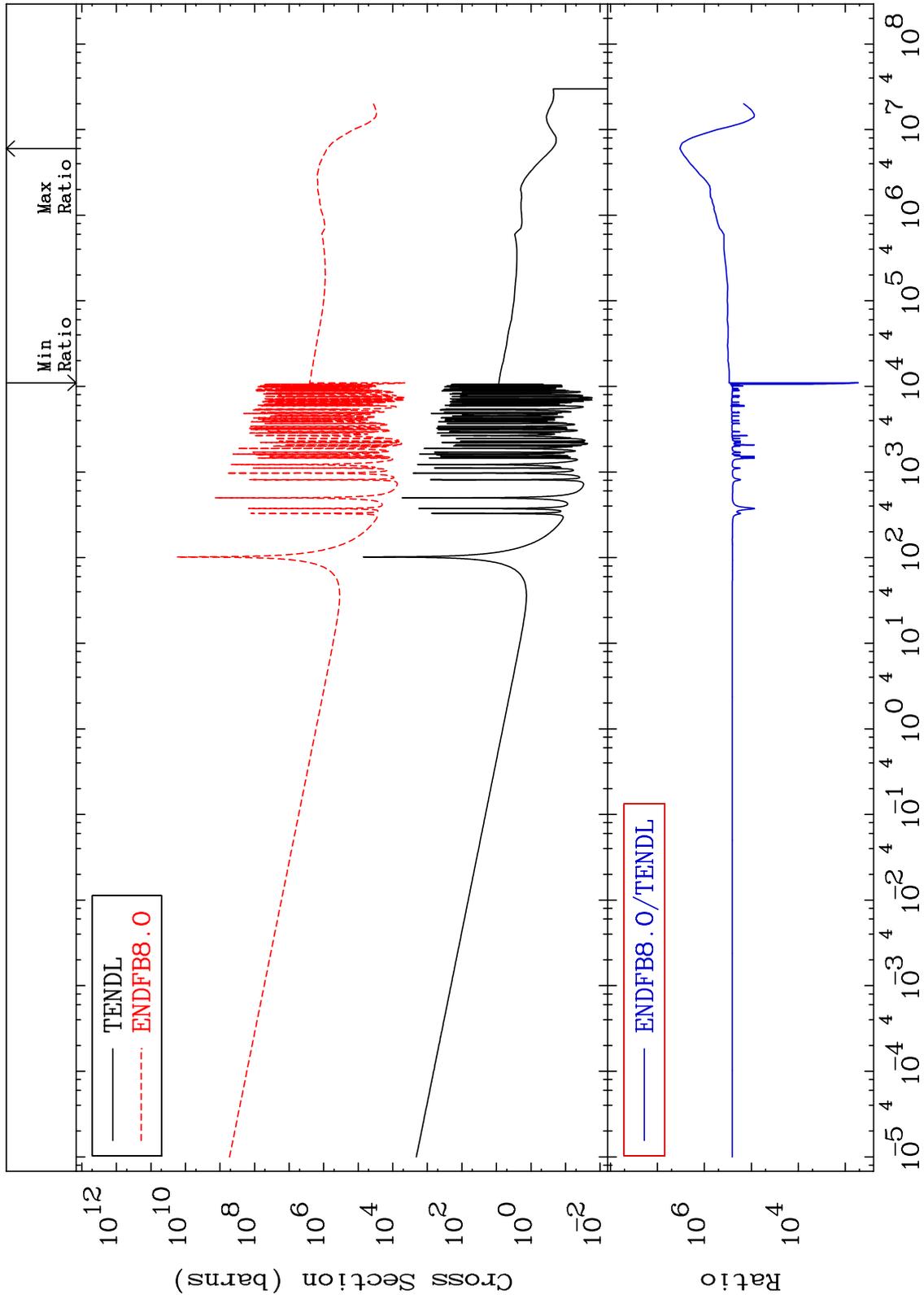
Incident Energy (eV)

56-Ba-134

MAT 5637

Kerma capture (mt102)
Cross Section

56-Ba-134
9999. To 9999. %



36

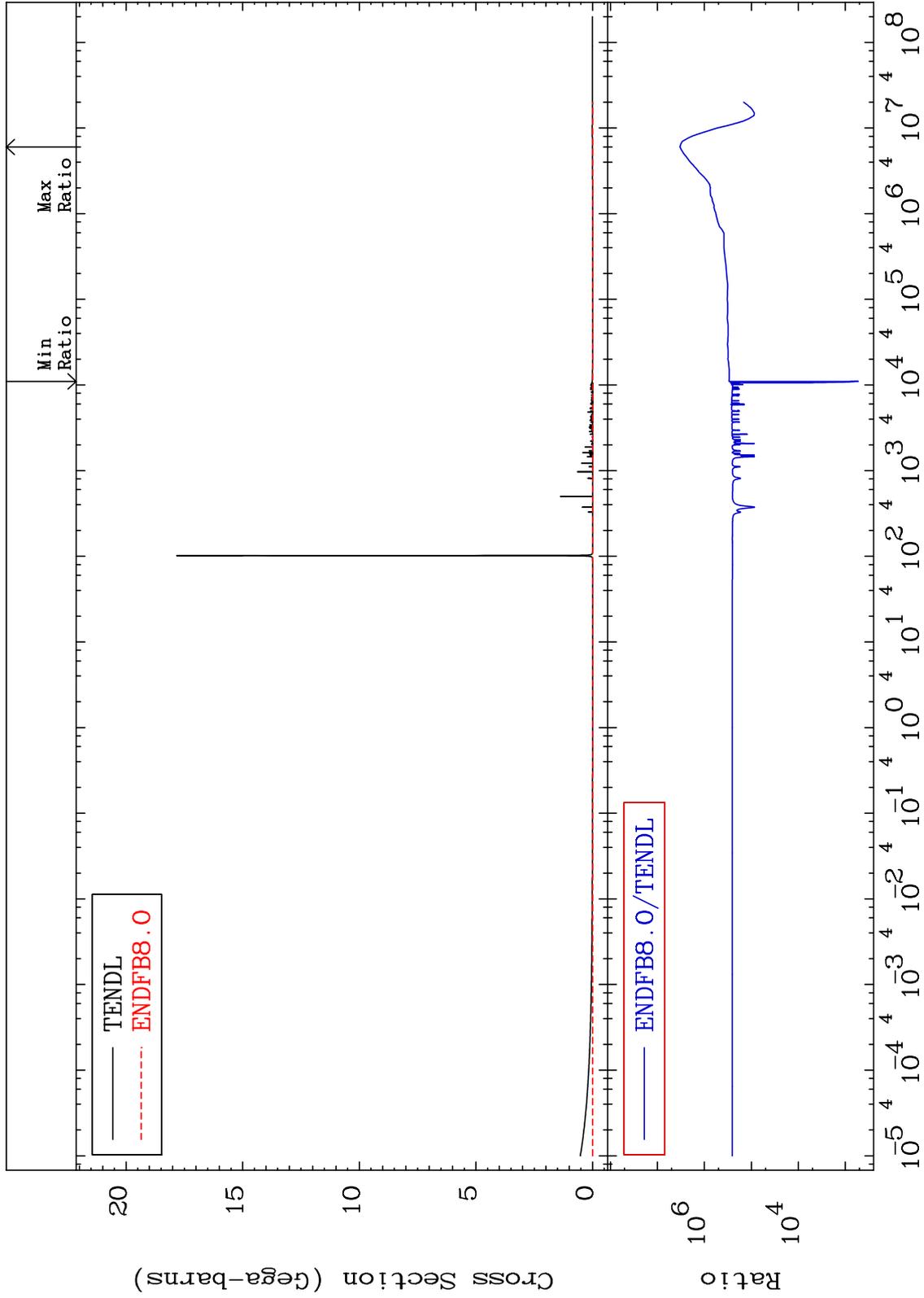
Incident Energy (eV)

56-Ba-134

MAT 5637

Total photon (eV-barns)
Cross Section

56-Ba-134
9999. To 9999. %



37

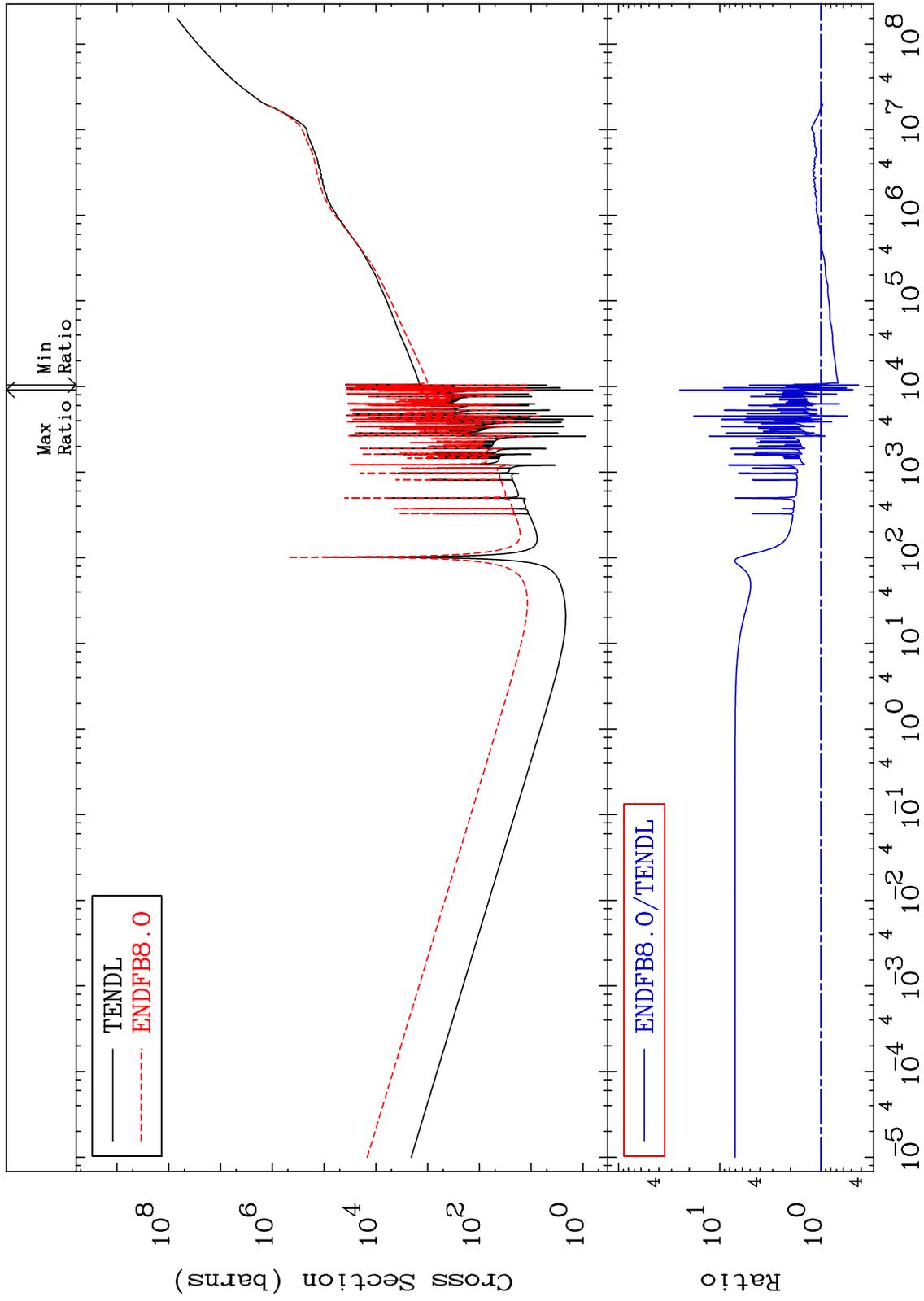
Incident Energy (eV)

56-Ba-134

MAT 5637

Total kinematic kerma (high limit)
Cross Section

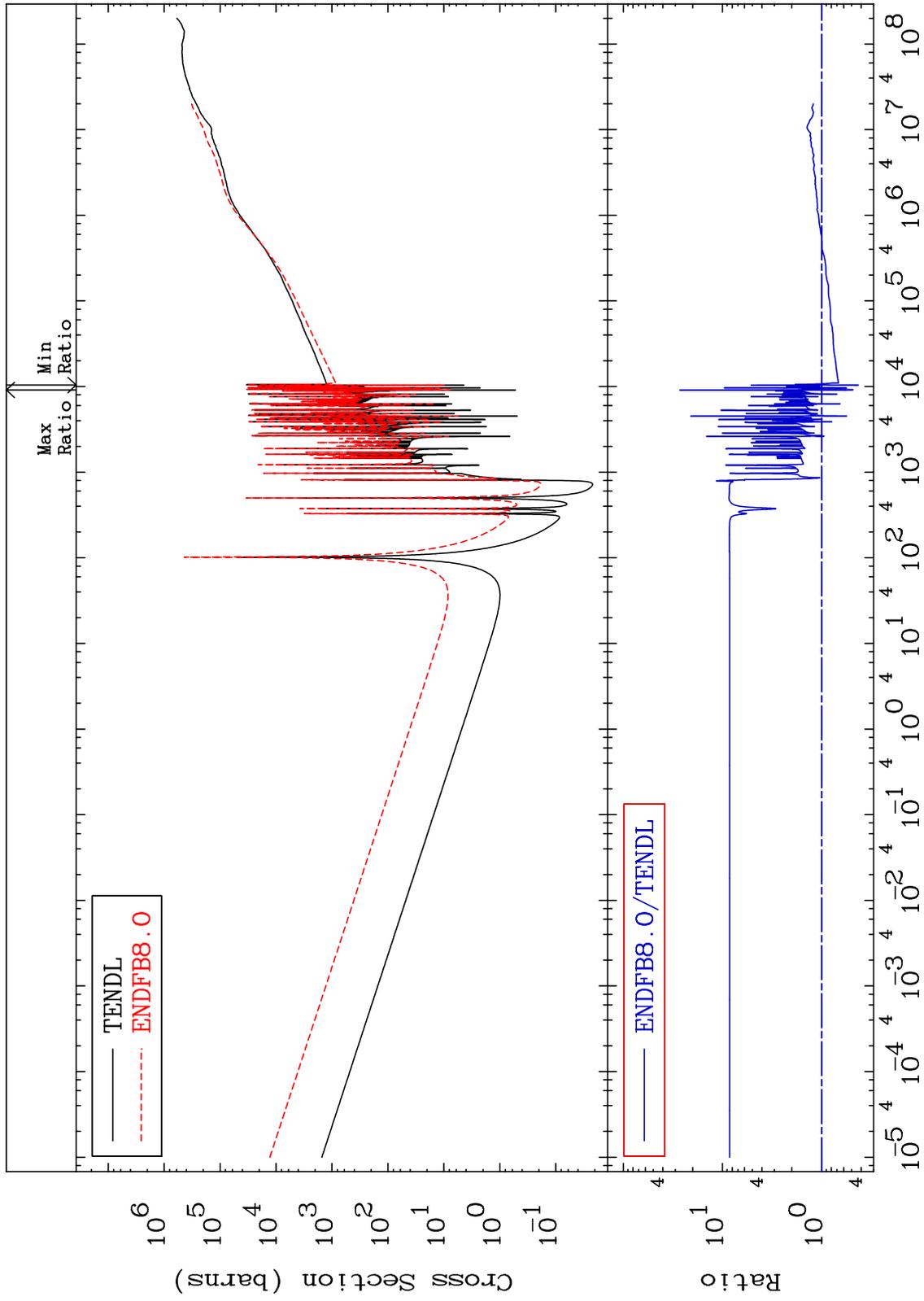
56-Ba-134
-57.43 To 2378. %



MAT 5637

Dpa total (eV-barns)
Cross Section

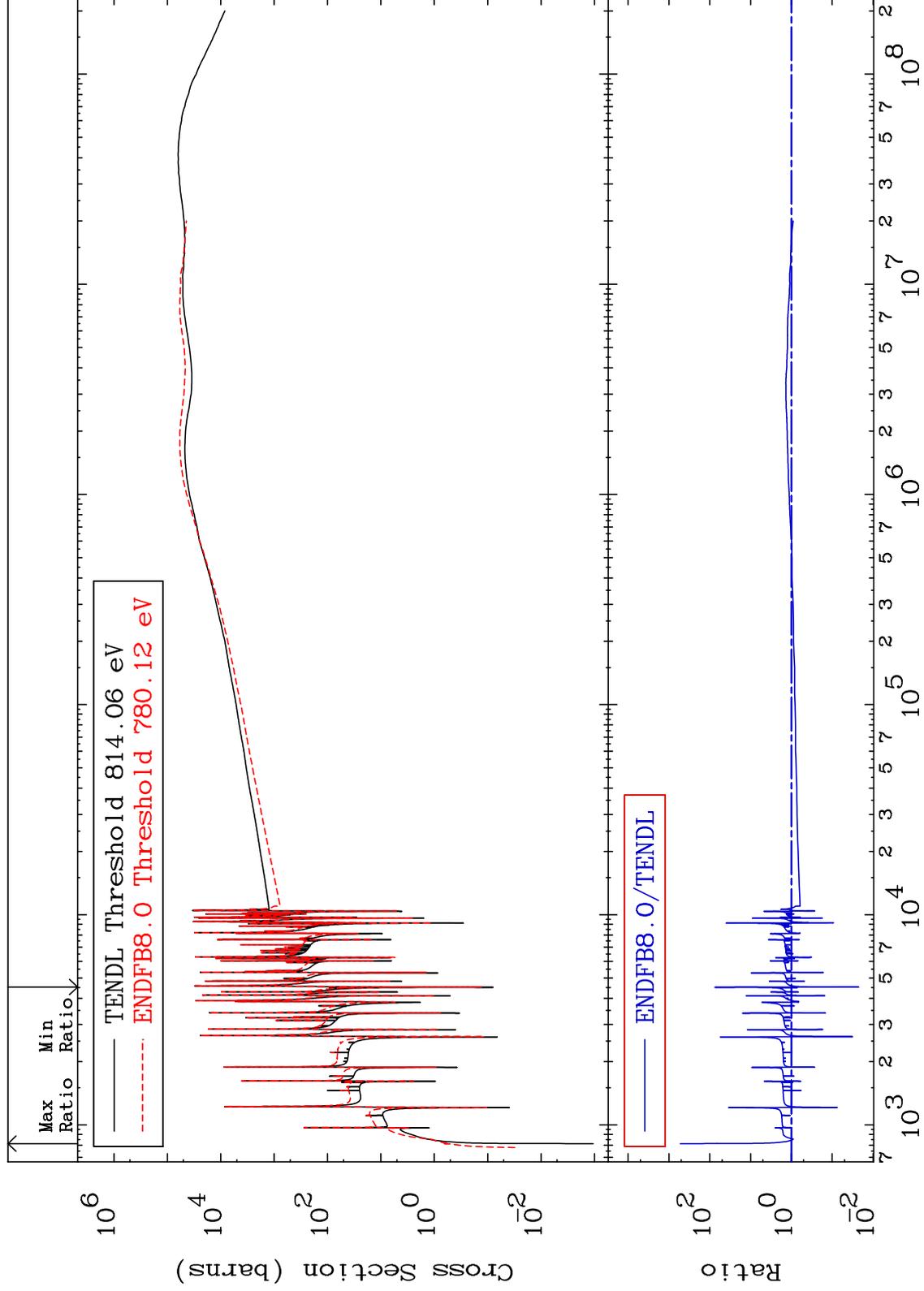
56-Ba-134
-57.33 To 2587. %



MAT 5637

Dpa elastic (mt2)
Cross Section

56-Ba-134
-97.73 To 9999. %



40

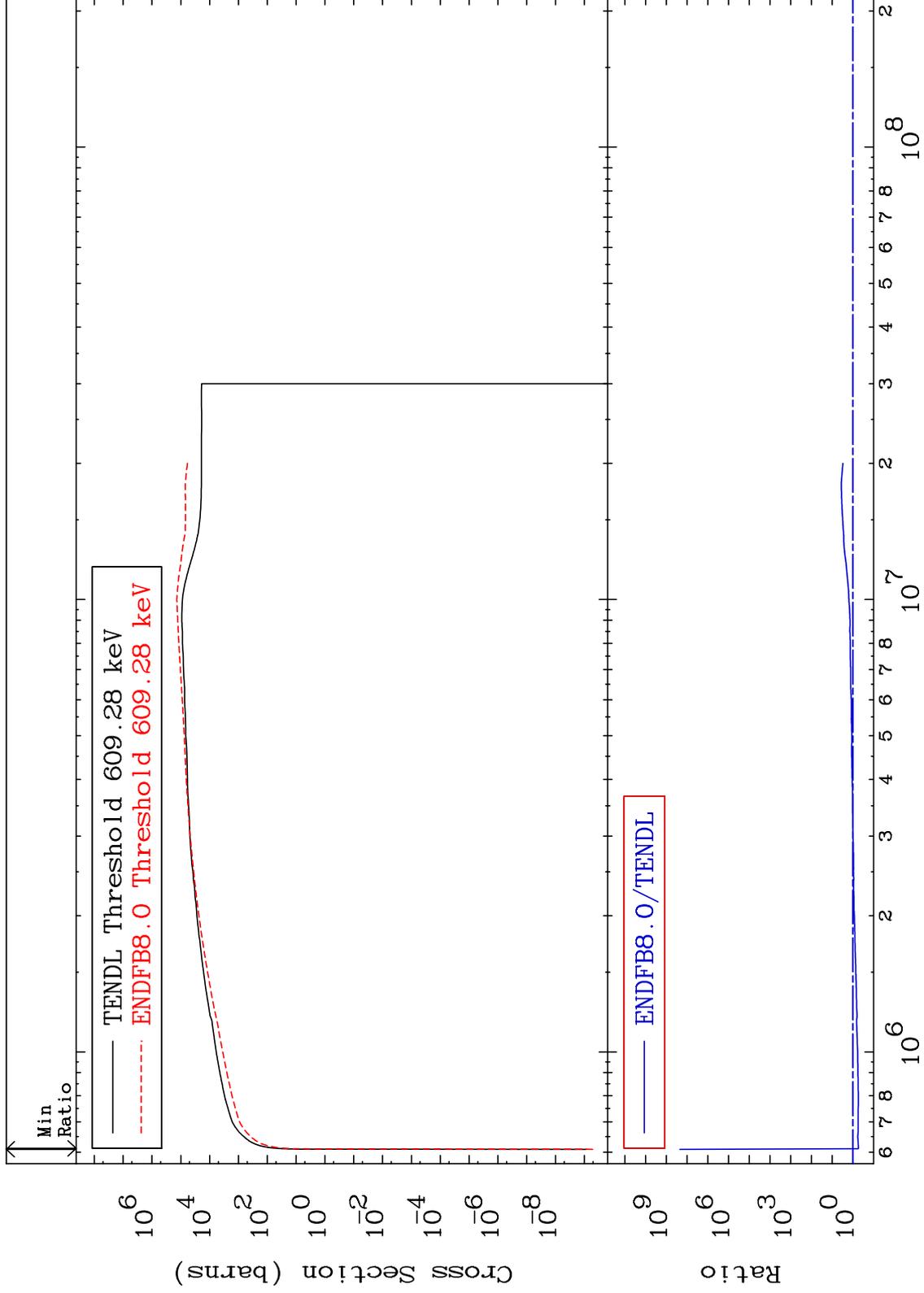
Incident Energy (eV)

56-Ba-134

MAT 5637

Dpa inelastic (mt51-91)
Cross Section

56-Ba-134
-45.58 To 9999. %



MAT 5637

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-134
-97.52 To 9999. %

