

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

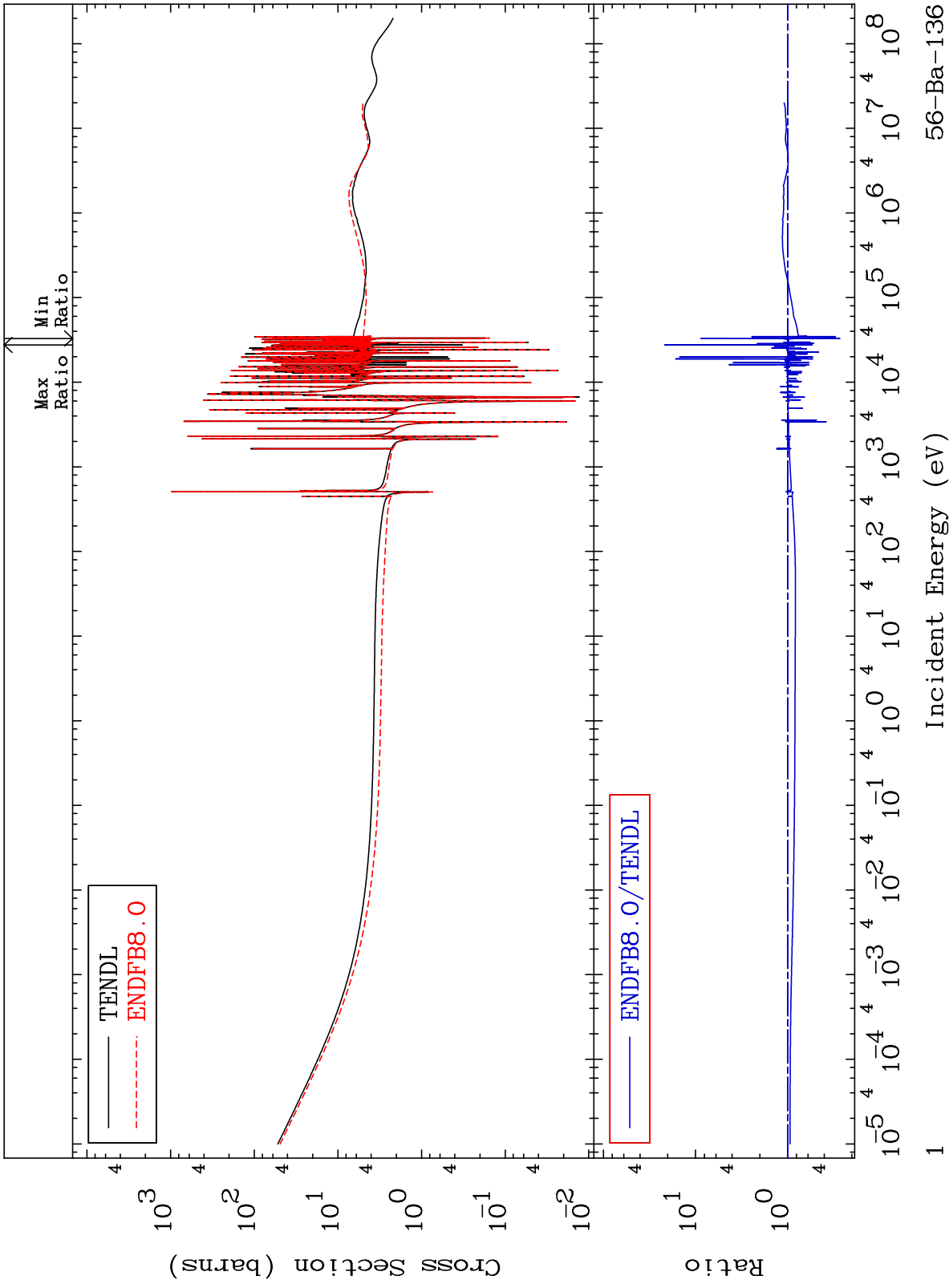
MAT 5643

Total

56-Ba-136

Cross Section

-72.84 To 2057. %



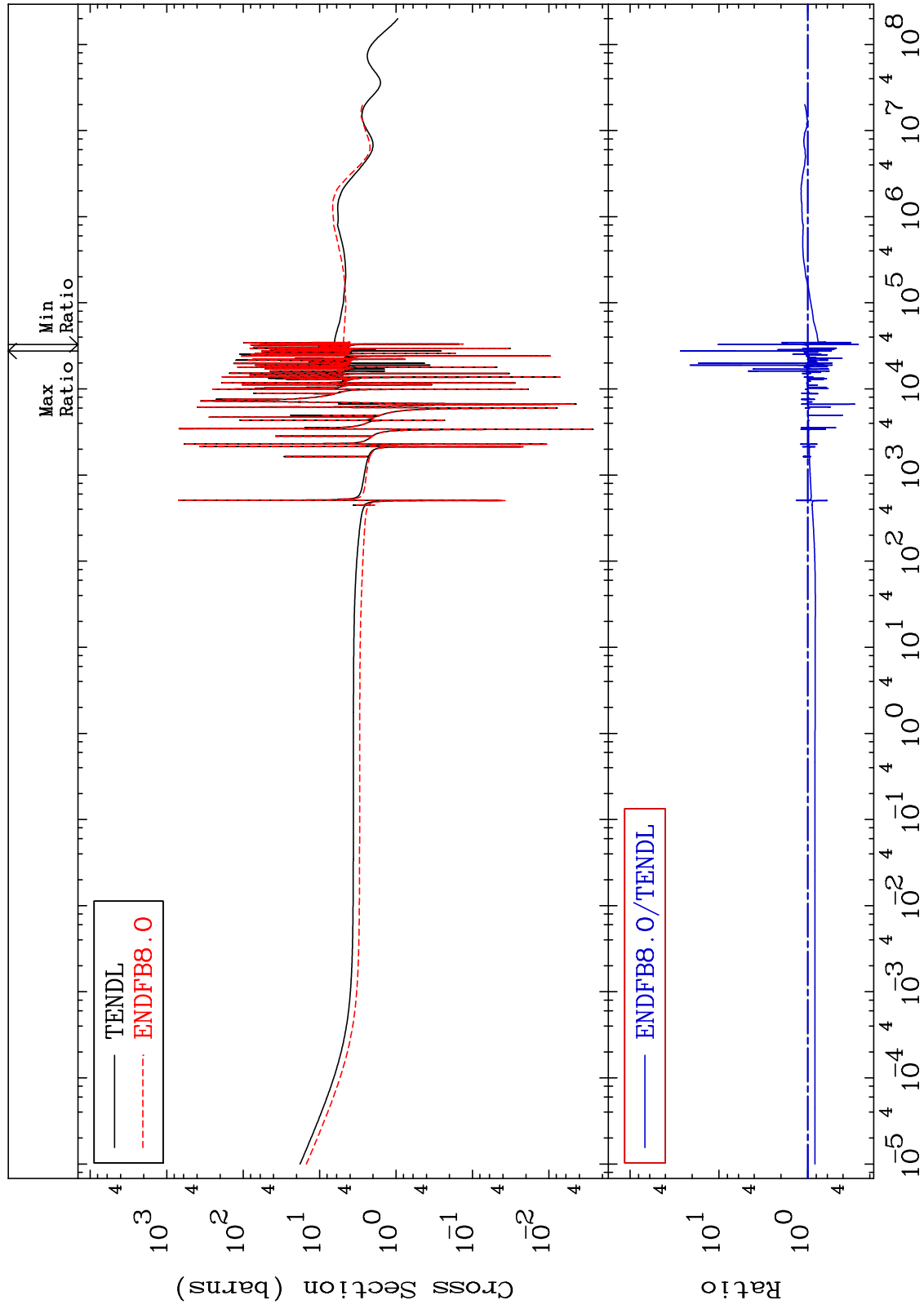
Incident Energy (eV)

56-Ba-136

MAT 5643

Elastic
Cross Section

56-Ba-136
-73.19 To 2606. %



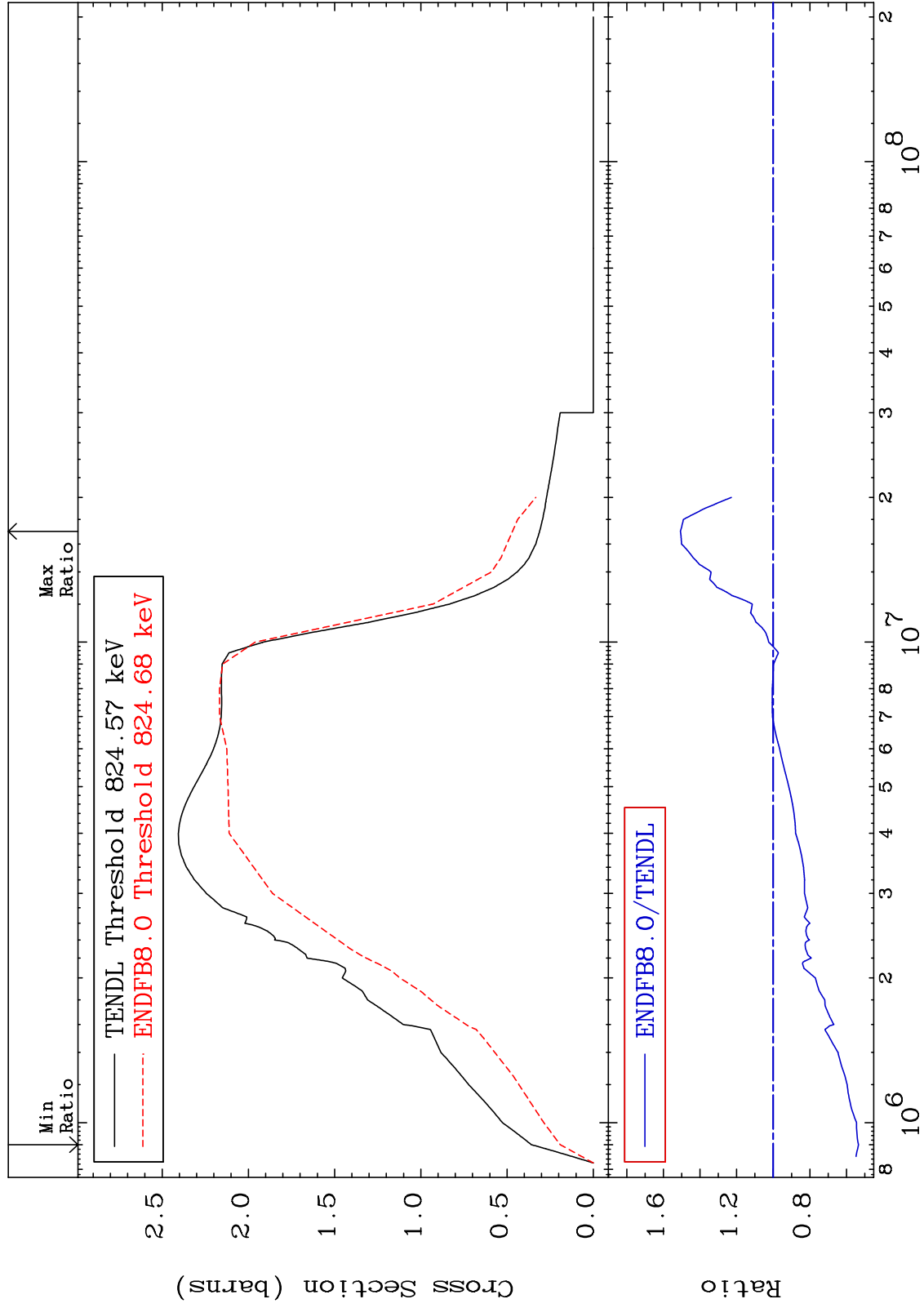
Incident Energy (eV)

56-Ba-136

MAT 5643

Inelastic
Cross Section

56-Ba-136
-46.58 To 50.67 %



Incident Energy (eV)

56-Ba-136

3

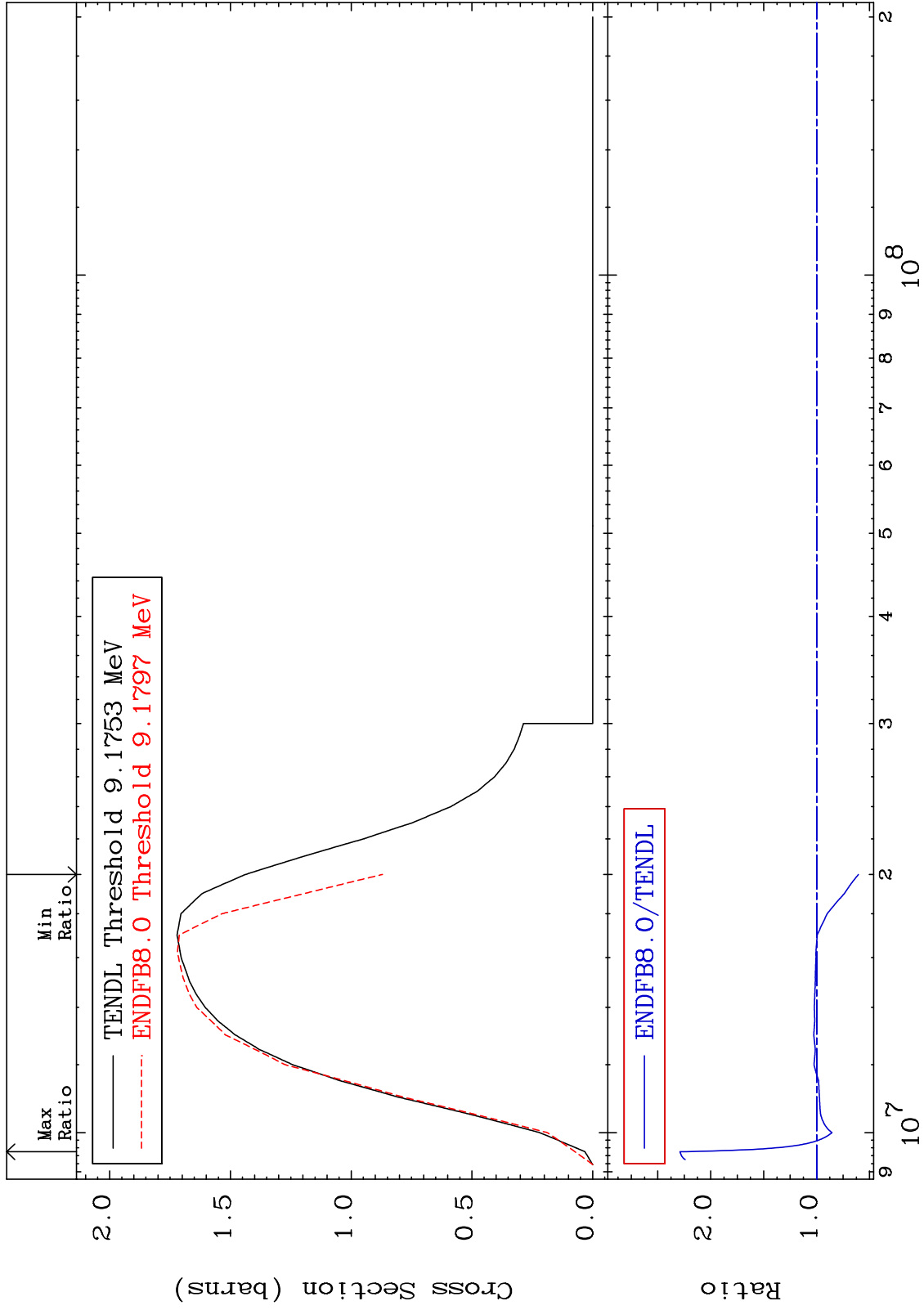
MAT 5643

(n, 2n)

56-Ba-136

Cross Section

-39.44 To 129.0 %



4

56-Ba-136

56-Ba-136

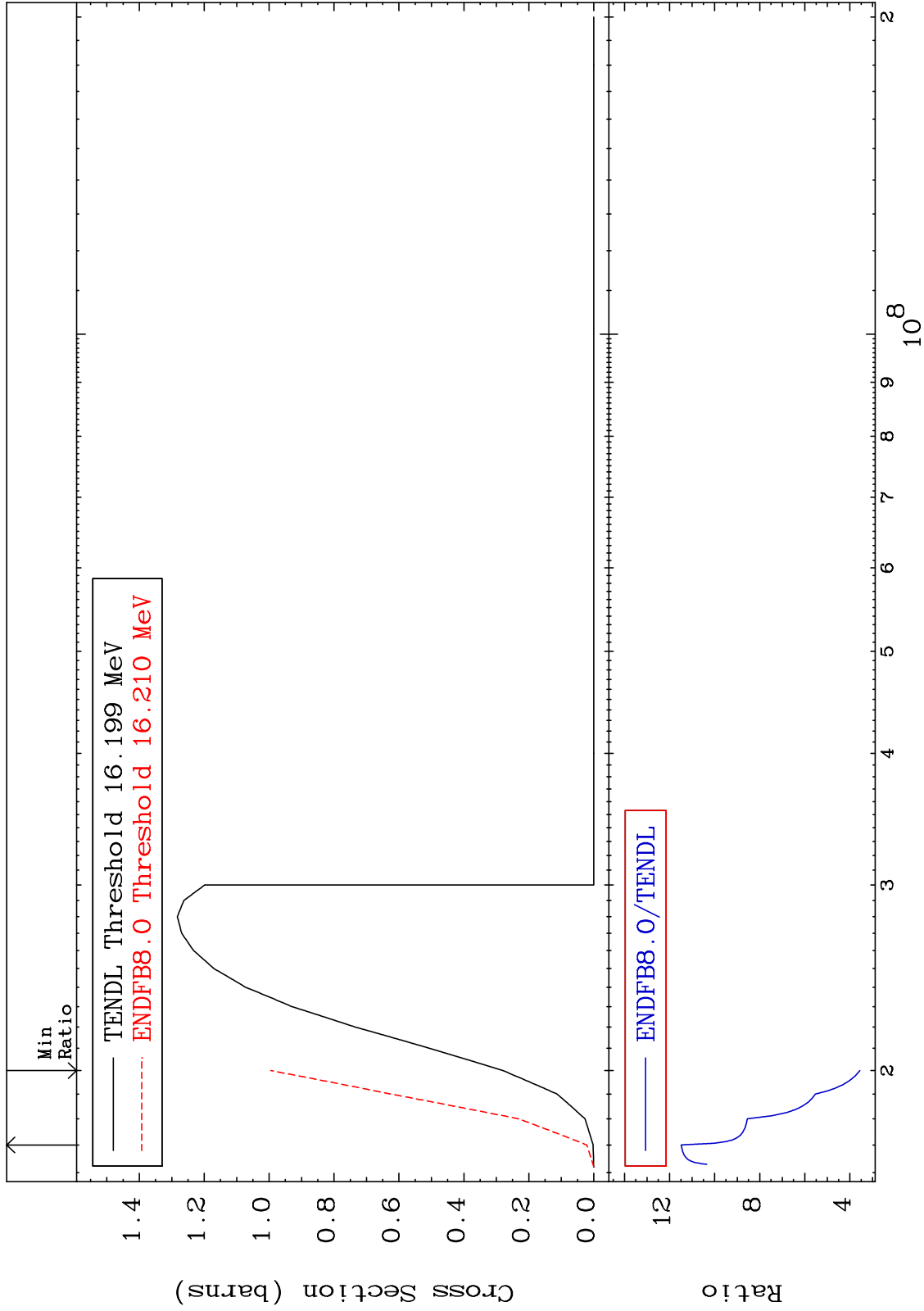
MAT 5643

(n, 3n)

56-Ba-136

Cross Section

255.6 To 1048. %



56-Ba-136

56-Ba-136

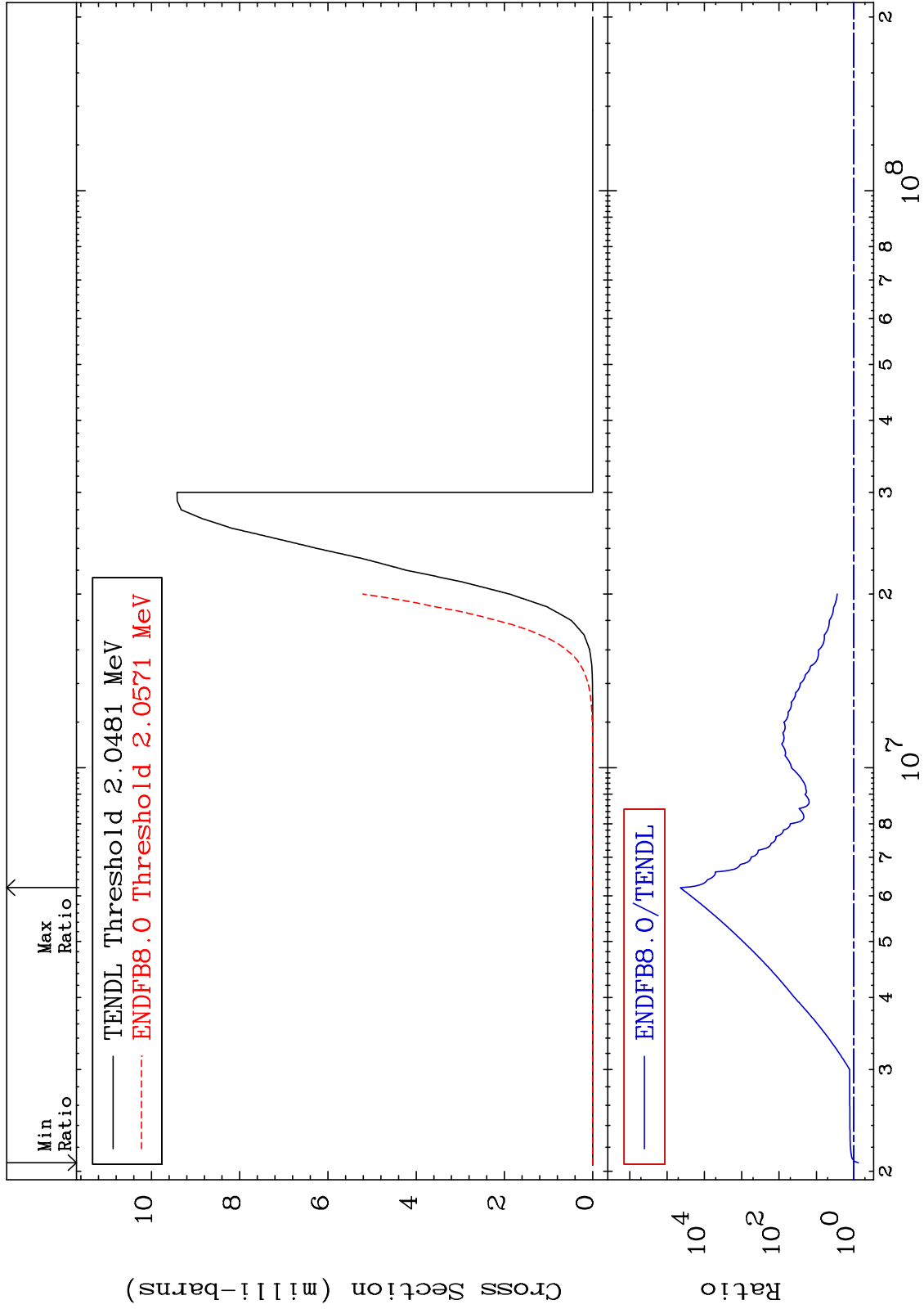
MAT 5643

(n,n') α

56-Ba-136

-25.09 To 9999. %

Cross Section



6

Incident Energy (eV)

56-Ba-136

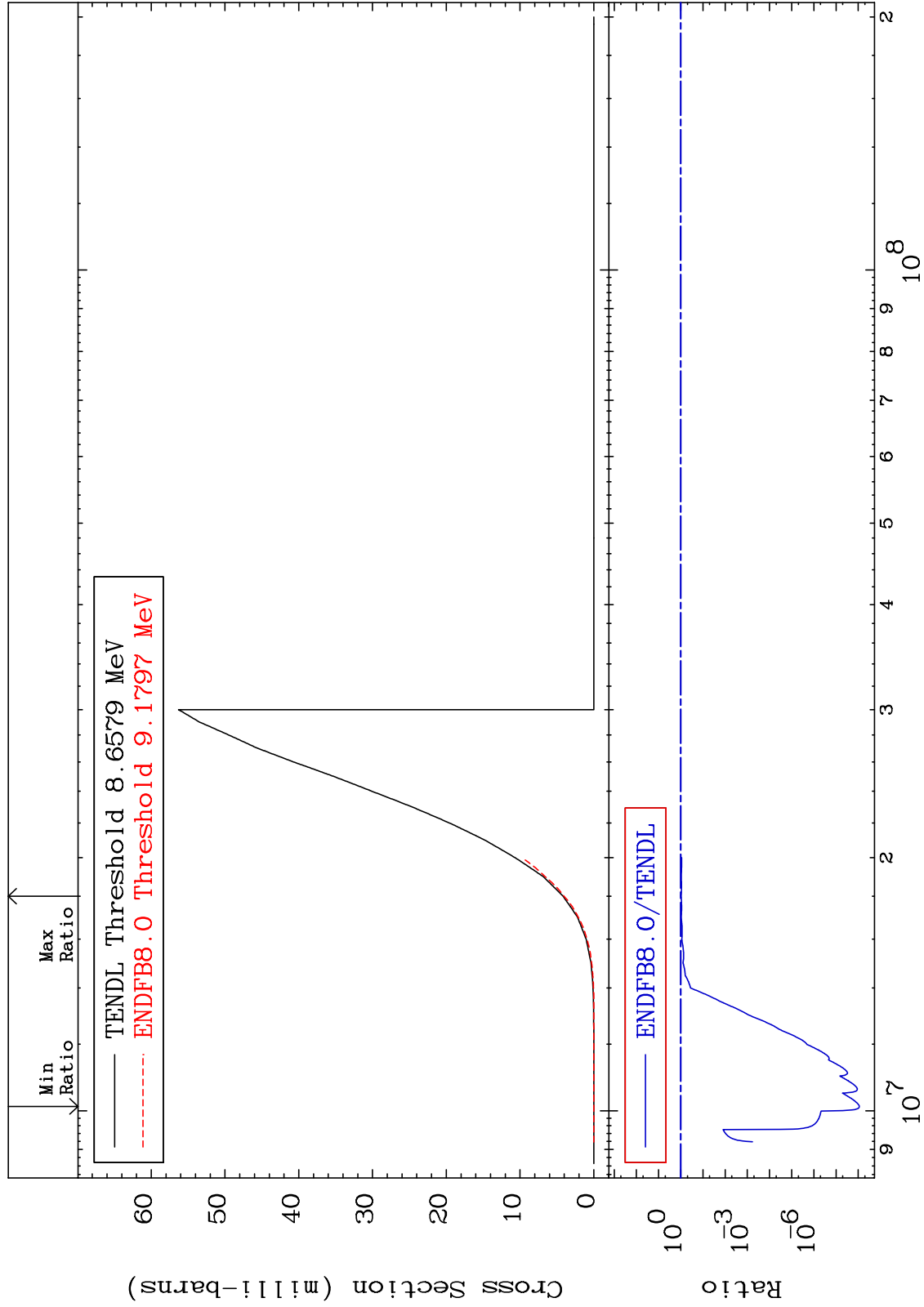
MAT 5643

(n,n') p

56-Ba-136

Cross Section

-100.0 To -2.954%



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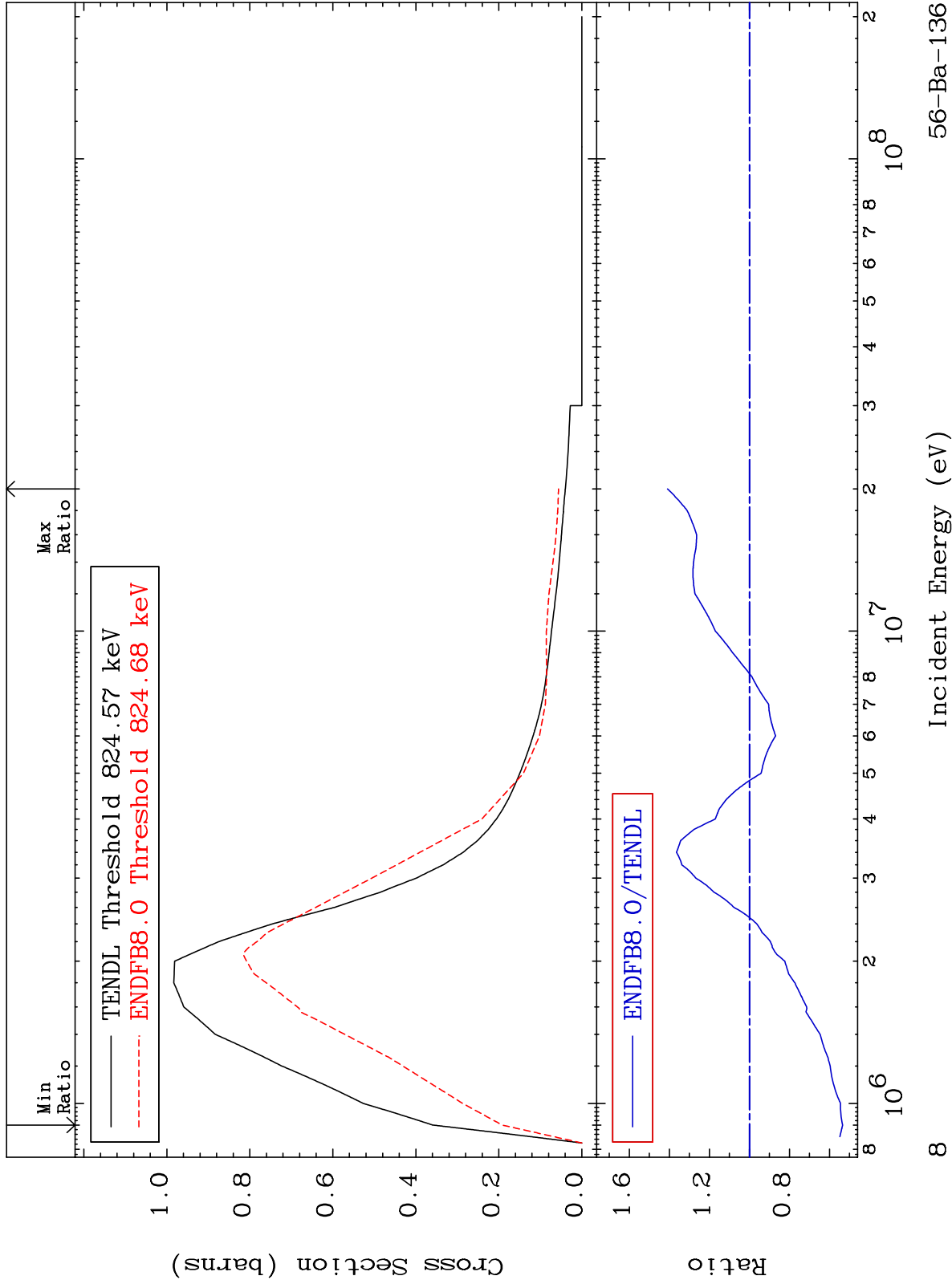
Incident Energy (eV)

56-Ba-136

MAT 5643

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

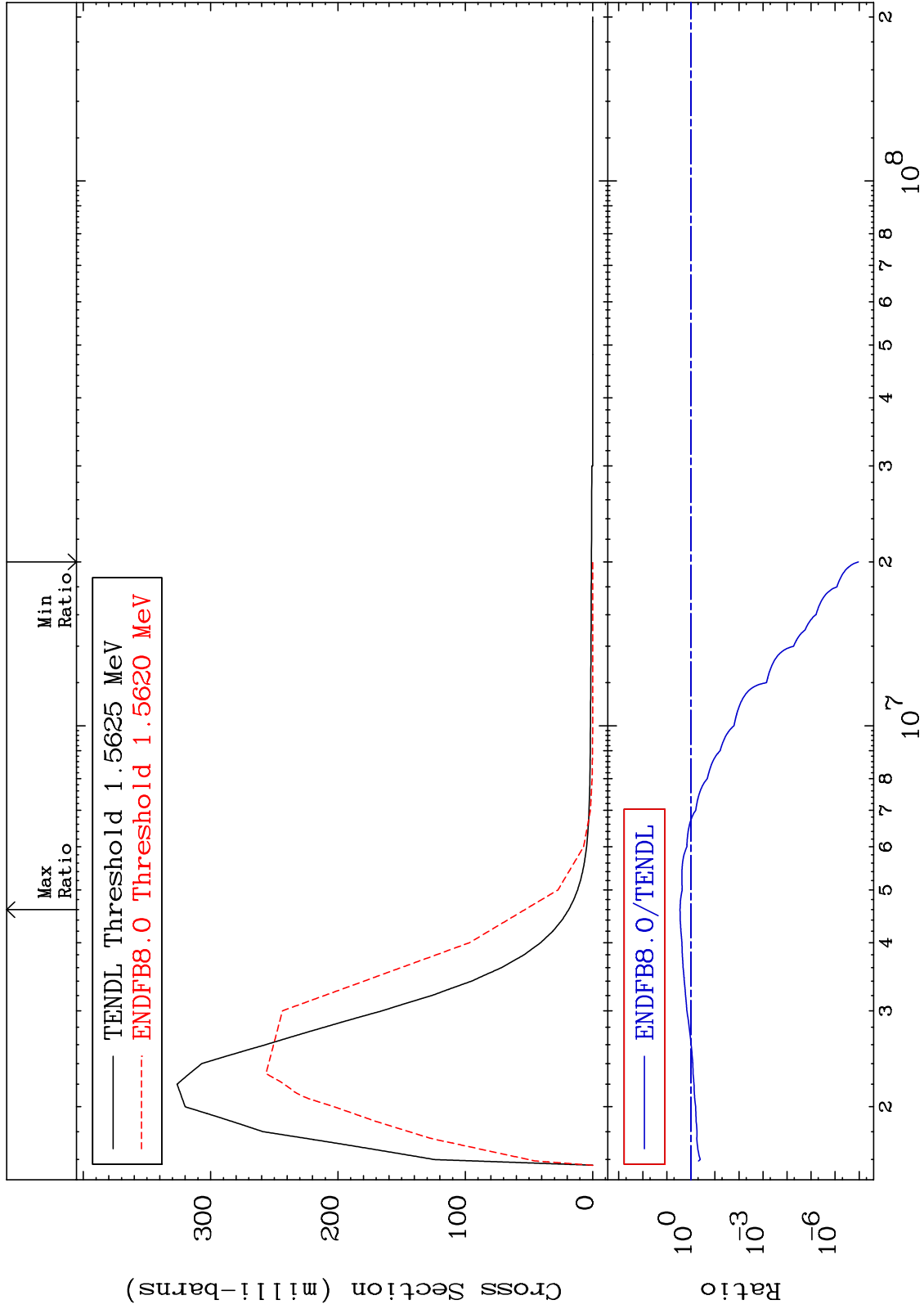
56-Ba-136
-46.58 To 40.89 %



MAT 5643

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

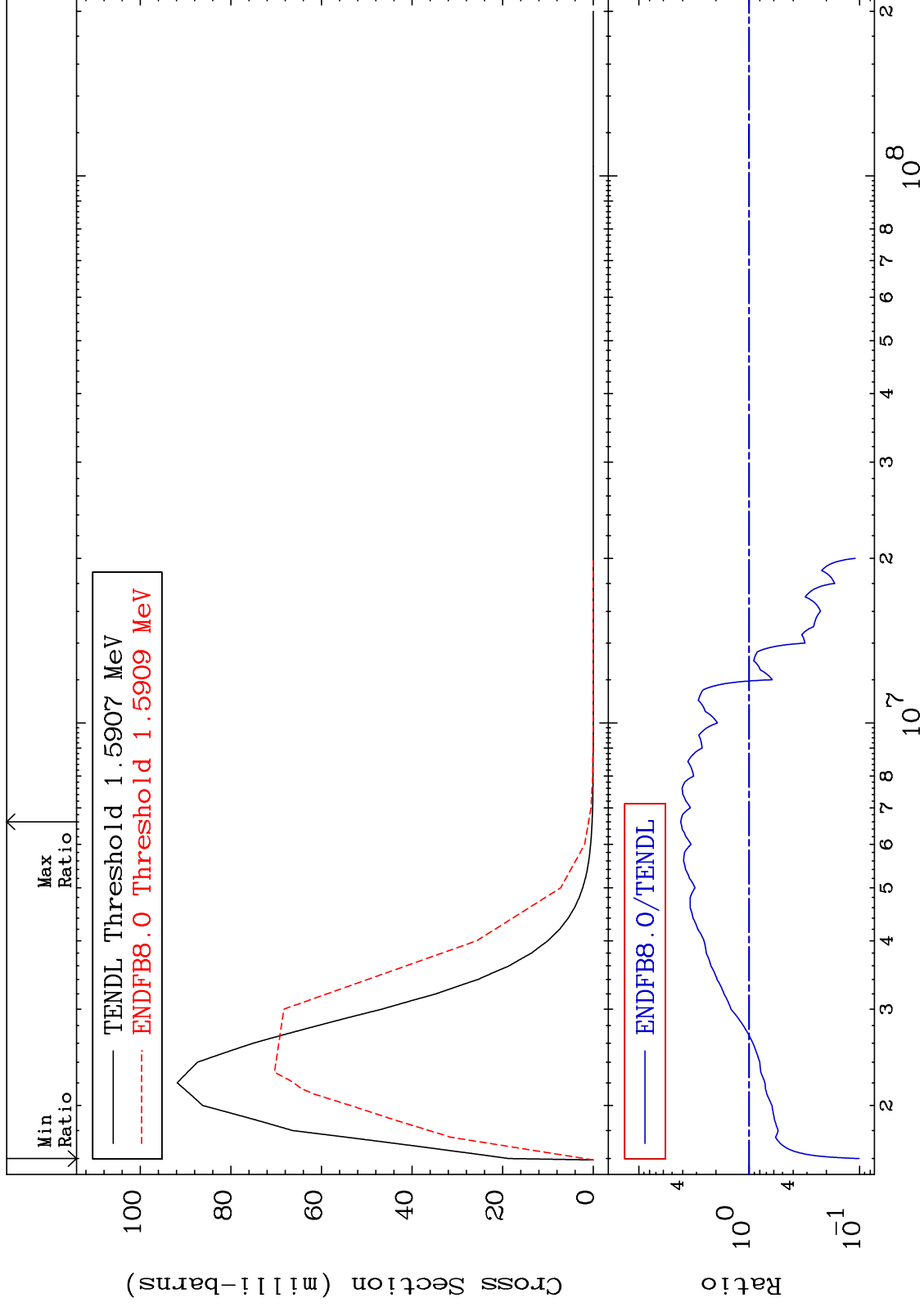
56-Ba-136
-100.0 To 183.0 %



MAT 5643

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

56-Ba-136
-89.92 To 318.1 %

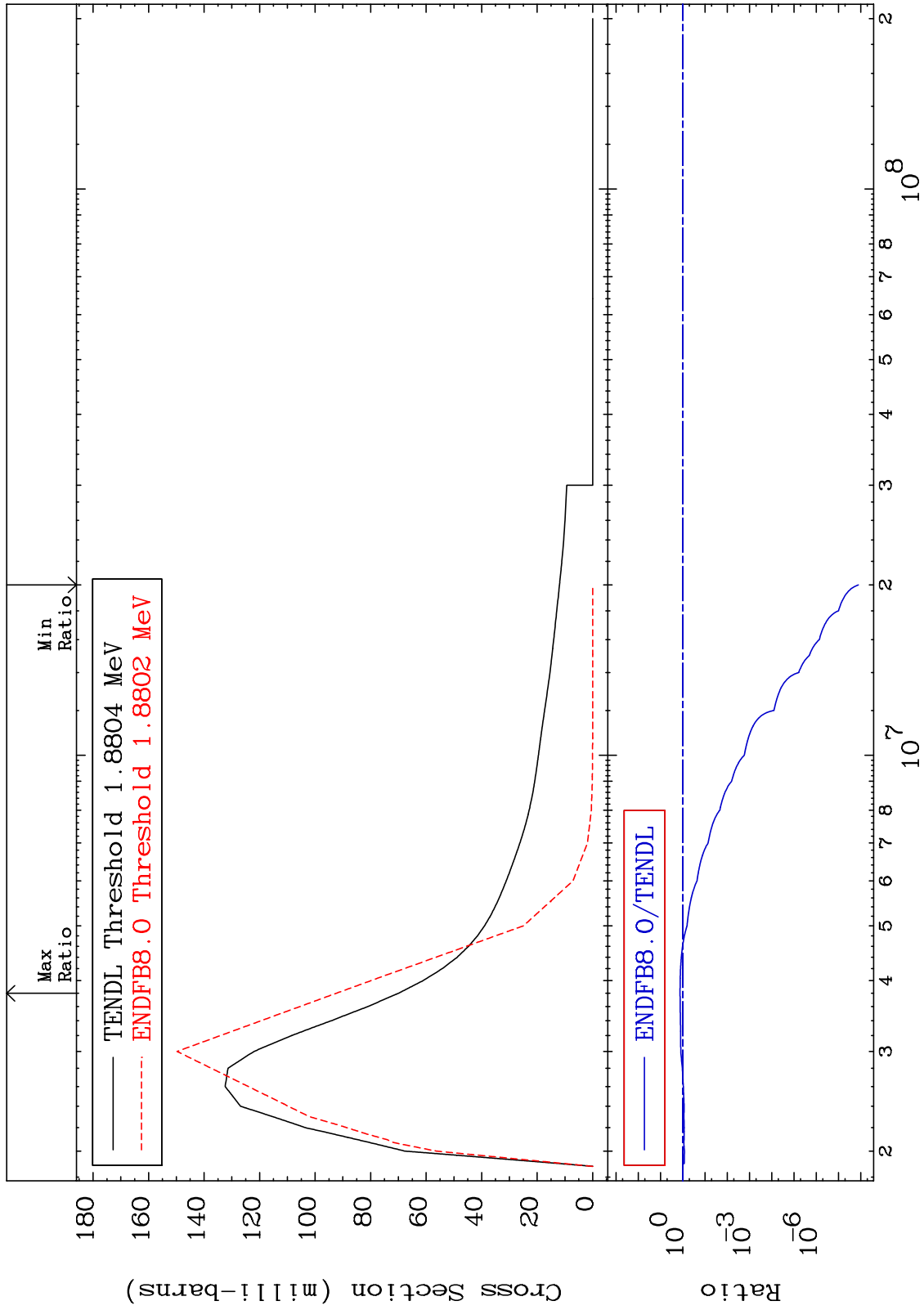


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Incident Energy (eV)

56-Ba-136

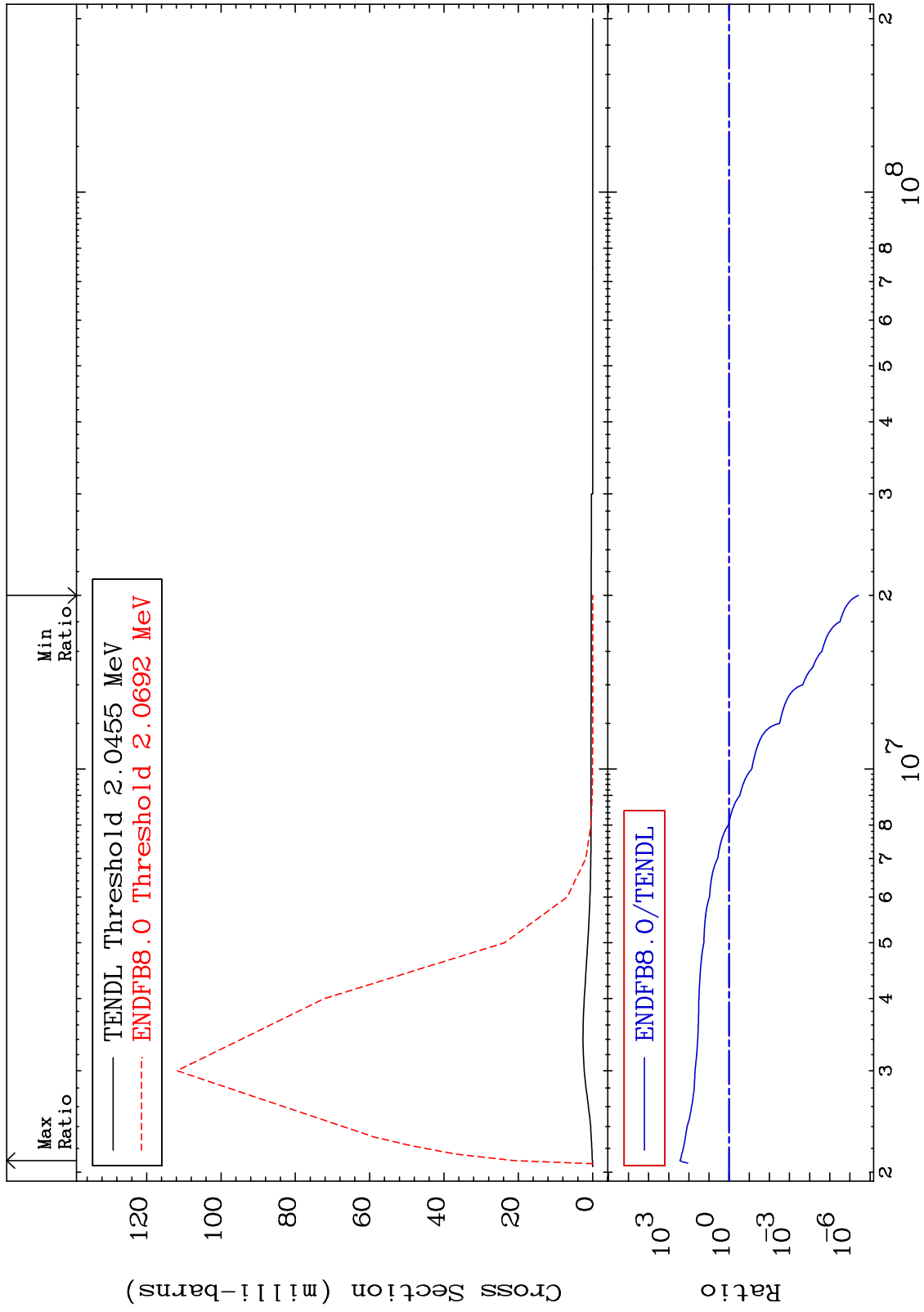
MAT 5643 MT= 54 (n,n') Level
 Cross Section 56-Ba-136
 -100.0 To 32.07 %



MAT 5643

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

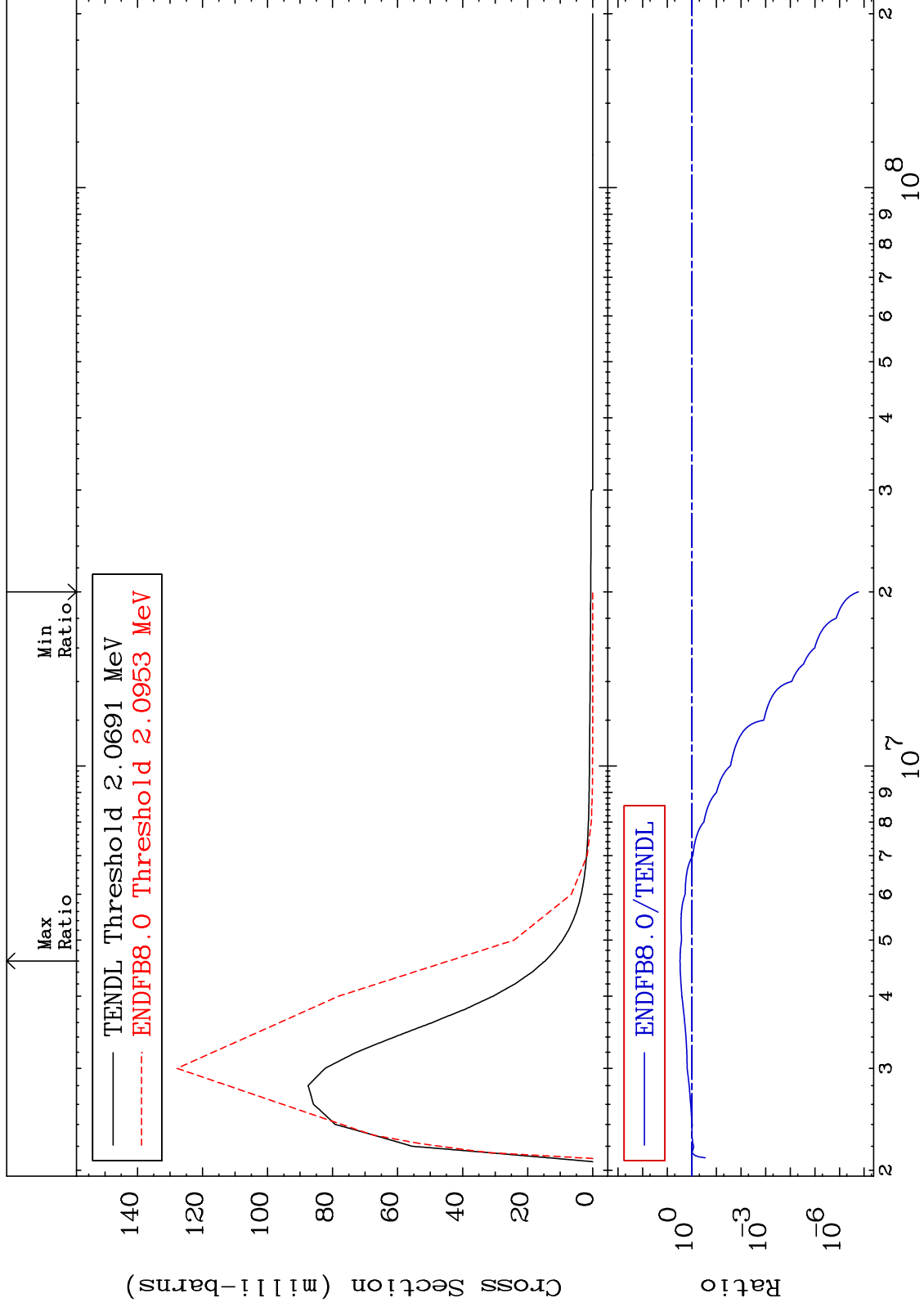
56-Ba-136
-100.0 To 9999. %



MAT 5643

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

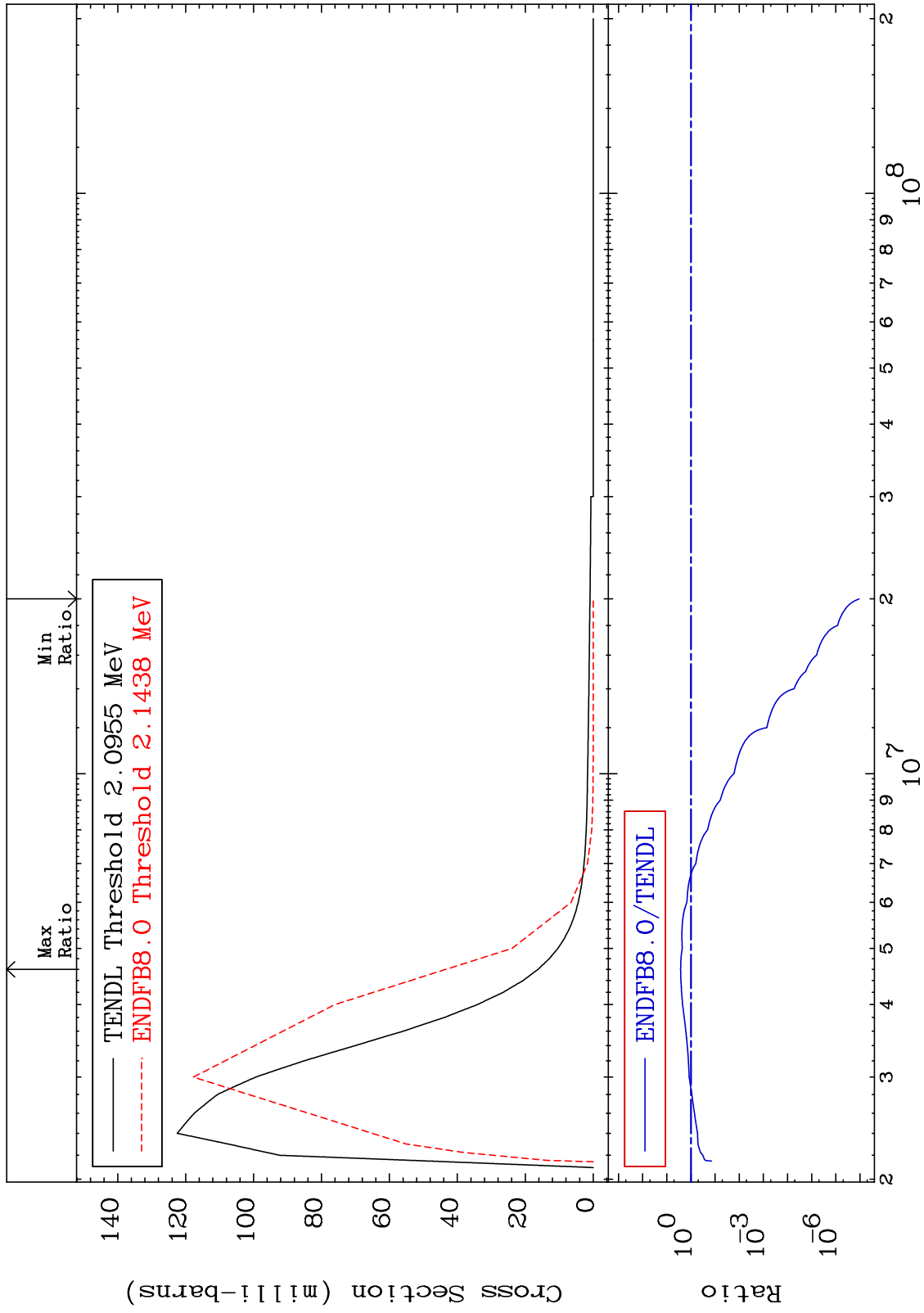
56-Ba-136
-100.0 To 202.5 %



MAT 5643

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

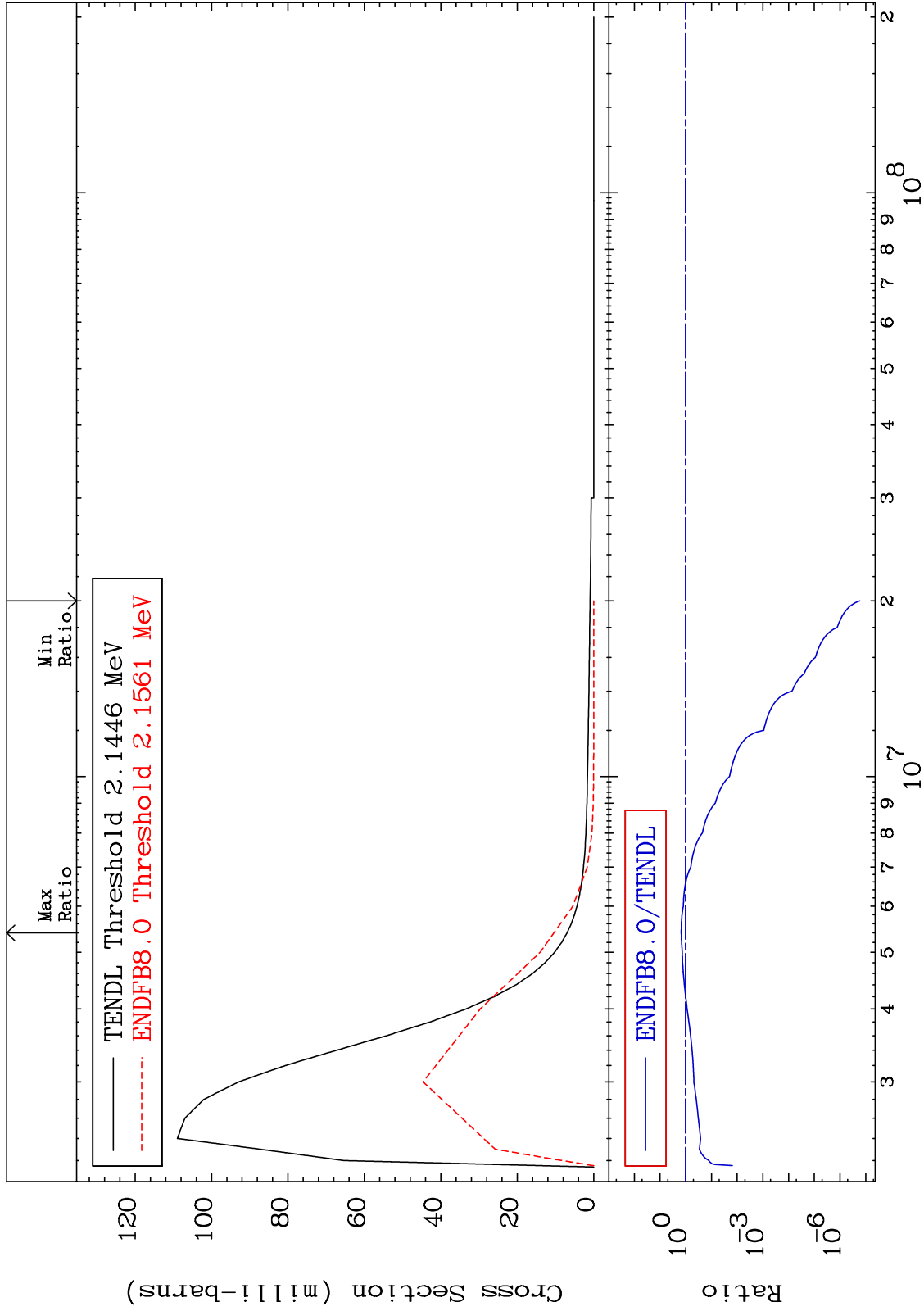
56-Ba-136
-100.0 To 167.1 %



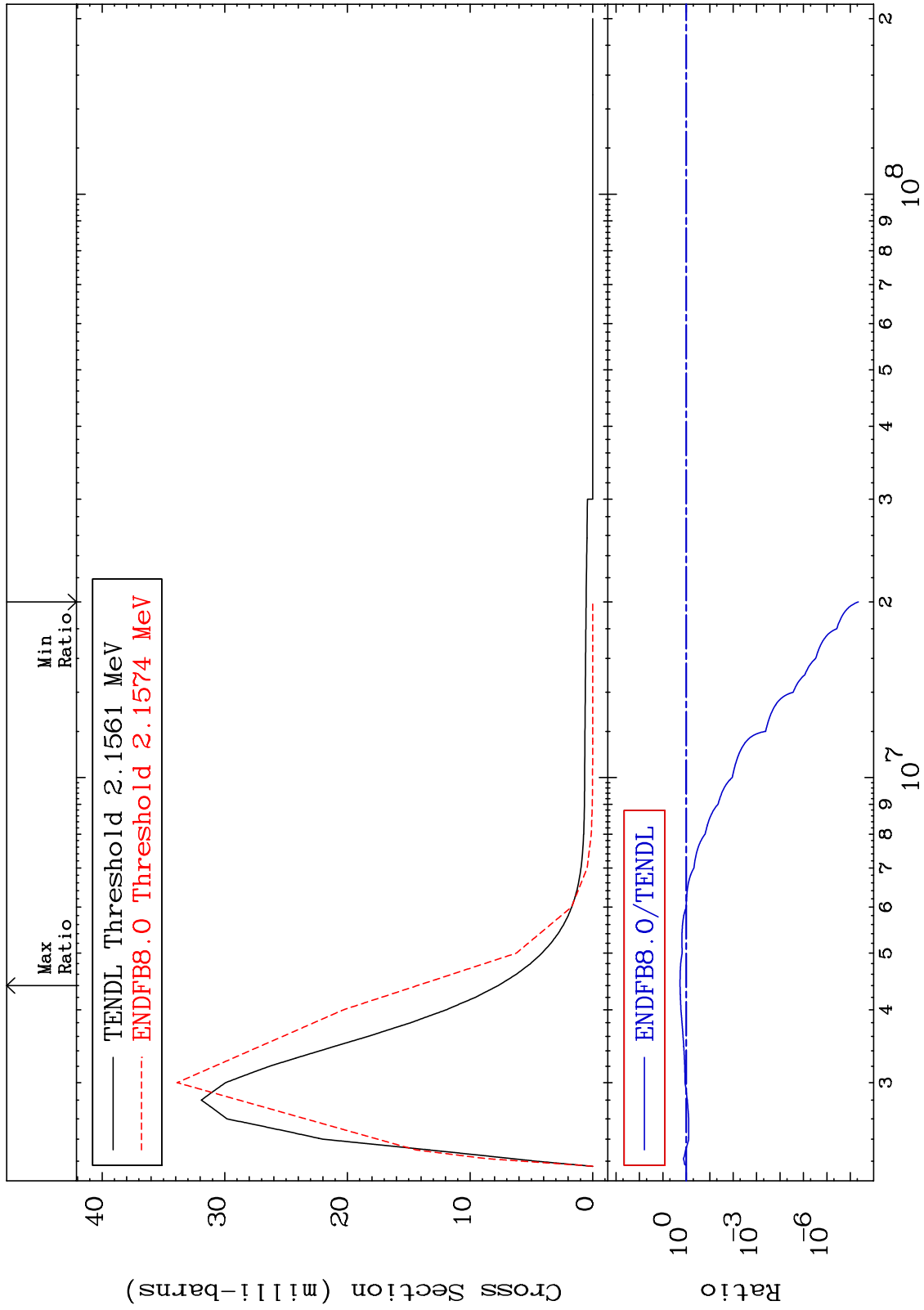
MAT 5643

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

56-Ba-136
-100.0 To 49.58 %



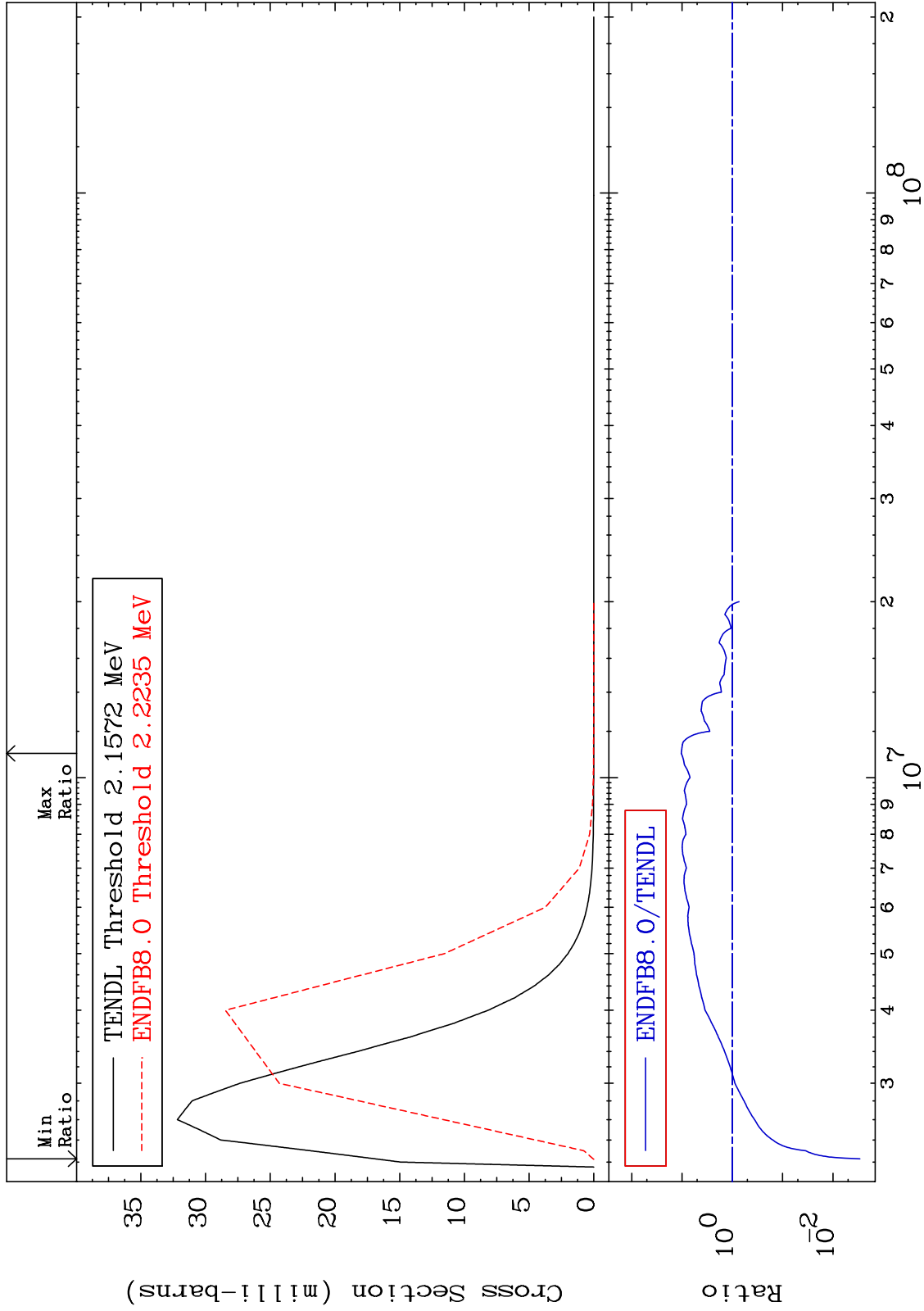
MAT 5643 MT= 59 (n,n') Level Cross Section 56-Ba-136
-100.0 To 85.61 %



MAT 5643

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

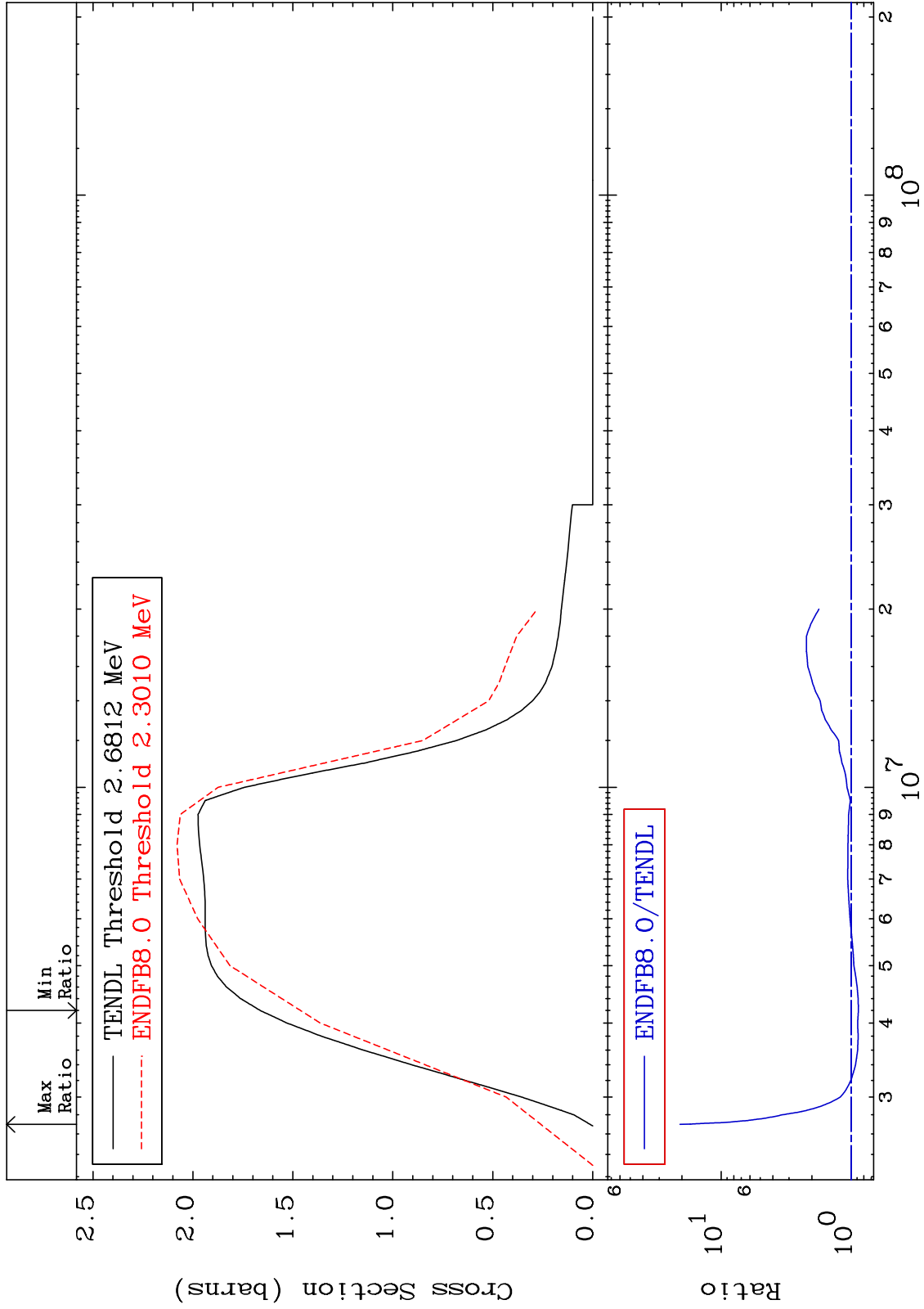
56-Ba-136
-99.71 To 937.2 %



MAT 5643

(n, n') Continuum
Cross Section

56-Ba-136
-12.13 To 1972. %



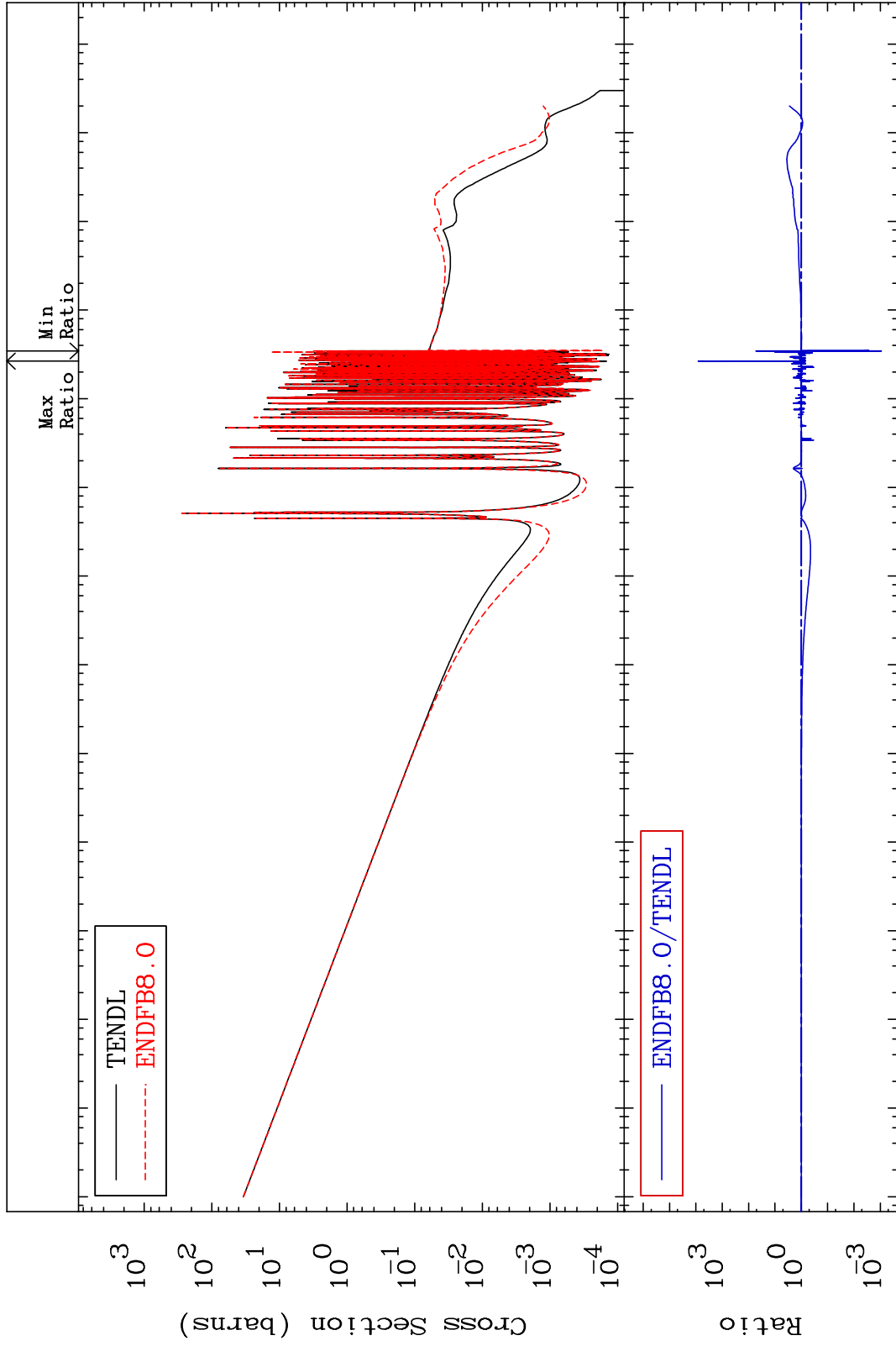
MAT 5643

(n, γ)

56-Ba-136

Cross Section

-99.91 To 9999. %



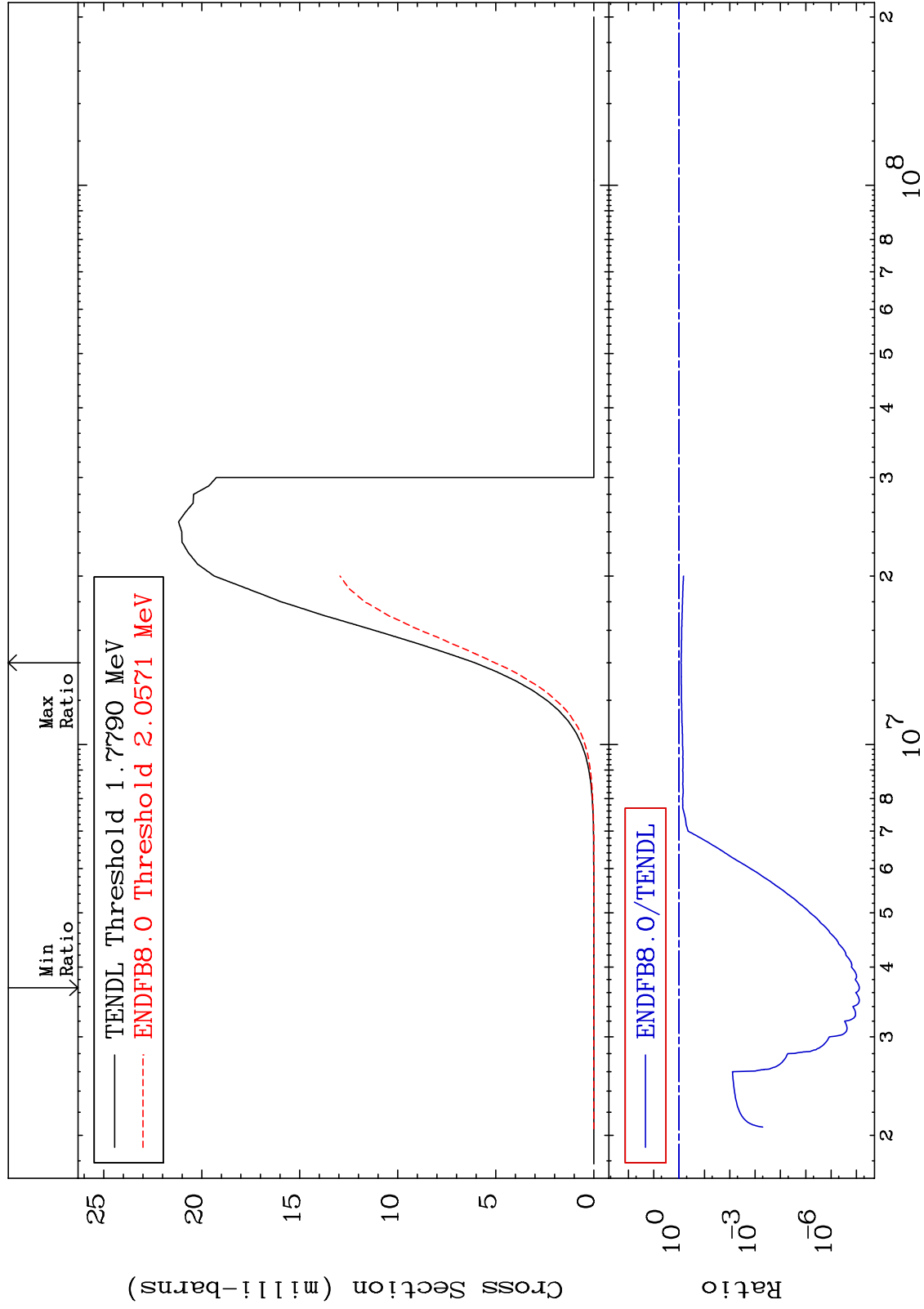
Incident Energy (eV)

56-Ba-136

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MAT 5643

(n,p) Cross Section
56-Ba-136
-100.0 To -16.53%



20

Incident Energy (eV)

56-Ba-136

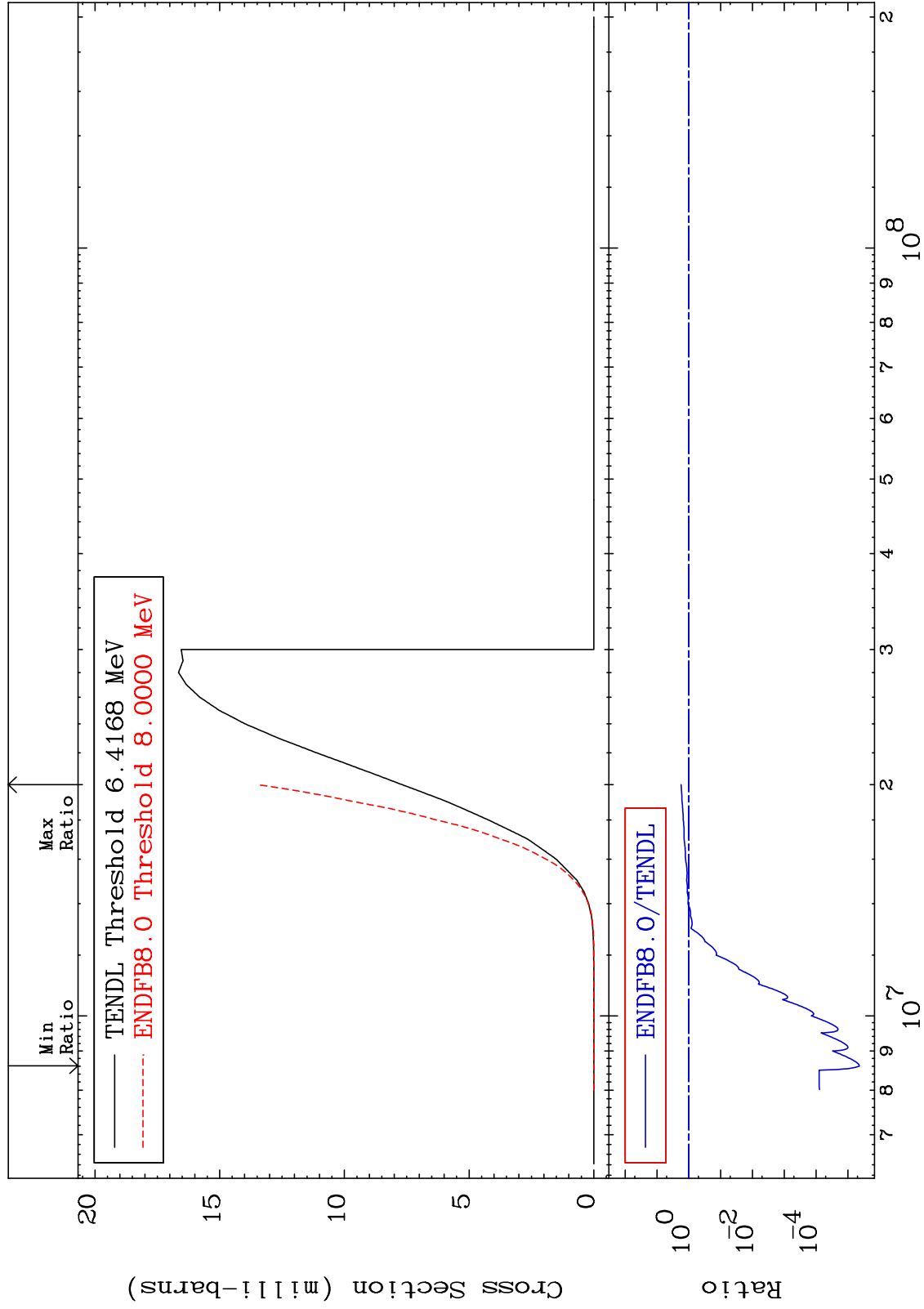
MAT 5643

(n, d)

56-Ba-136

Cross Section

-100.0 To 75.14 %



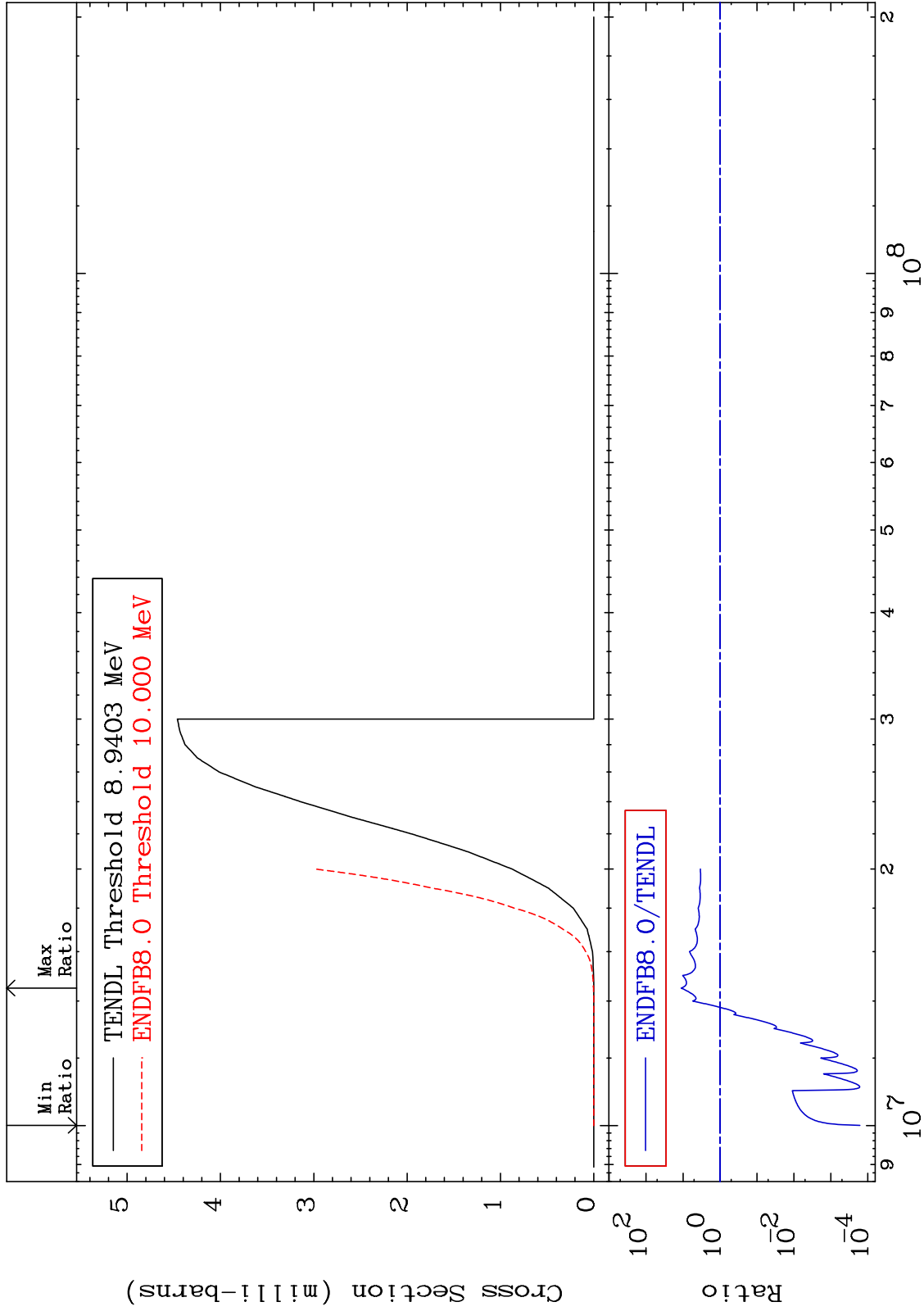
MAT 5643

(n, t)

56-Ba-136

Cross Section

-99.98 To 1019. %



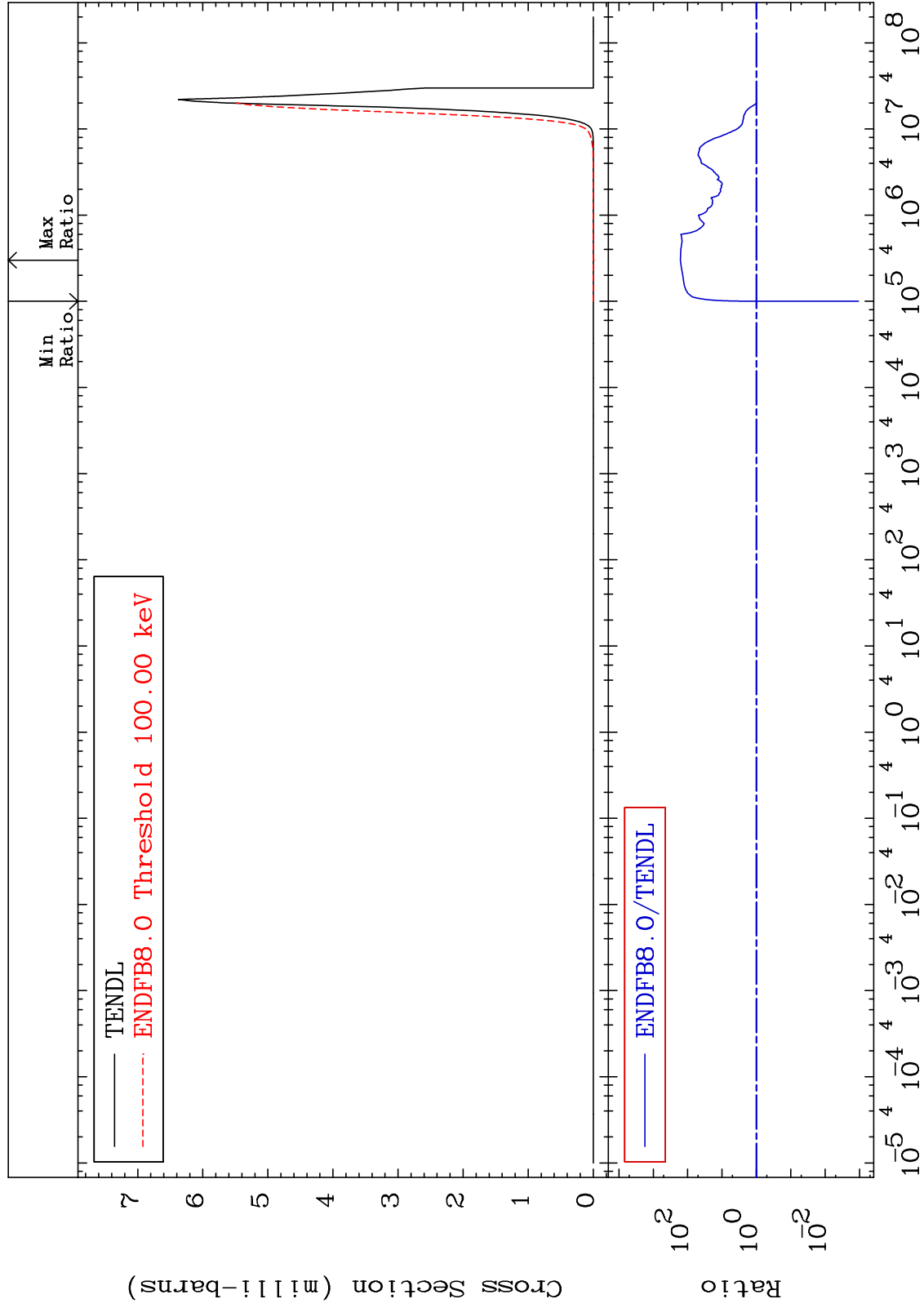
MAT 5643

(n, α)

56-Ba-136

Cross Section

-99.89 To 9999. %

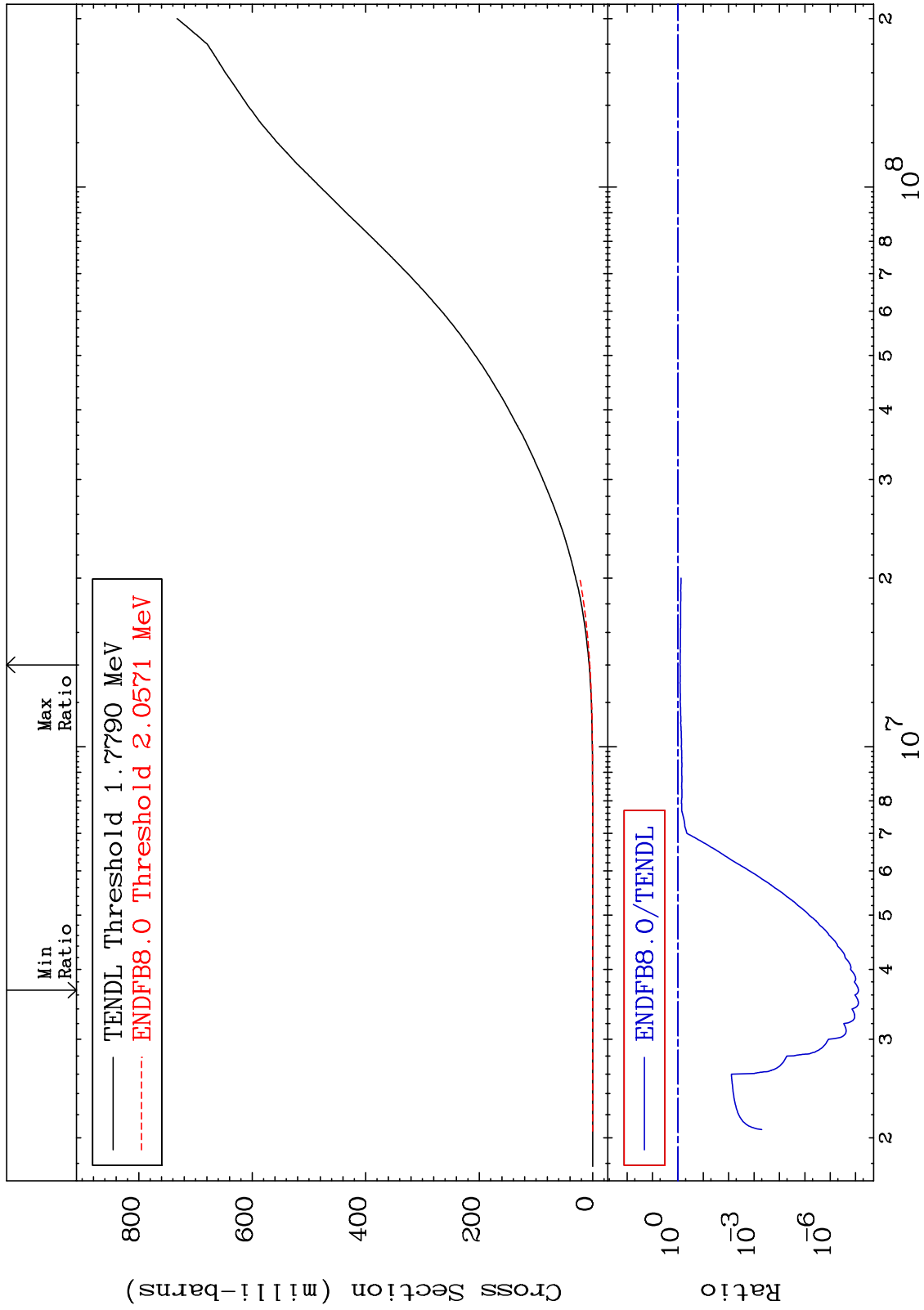


56-Ba-136

MAT 5643

Hydrogen Production
Cross Section

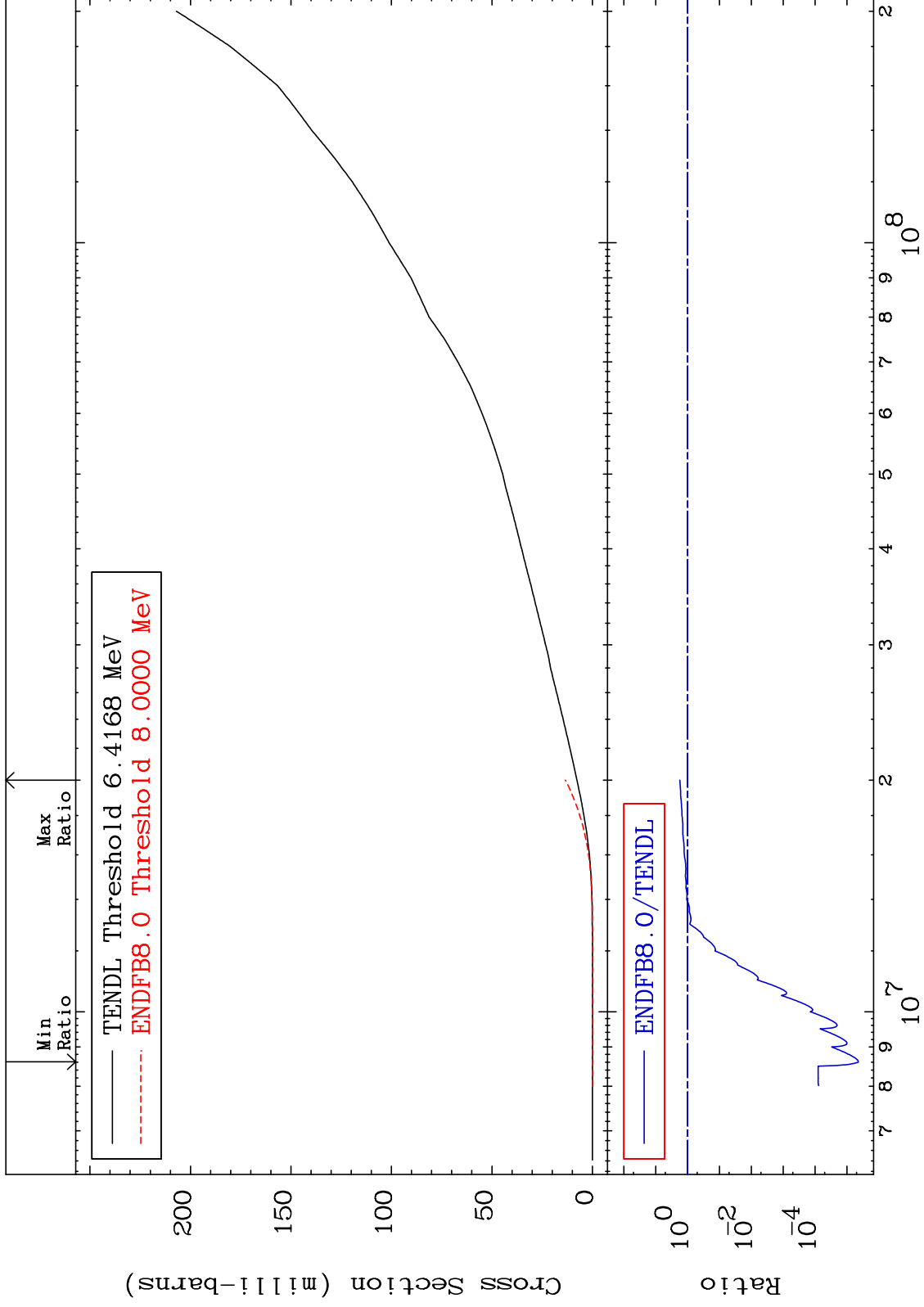
56-Ba-136
-100.0 To -17.40%



MAT 5643

Deuterium Production
Cross Section

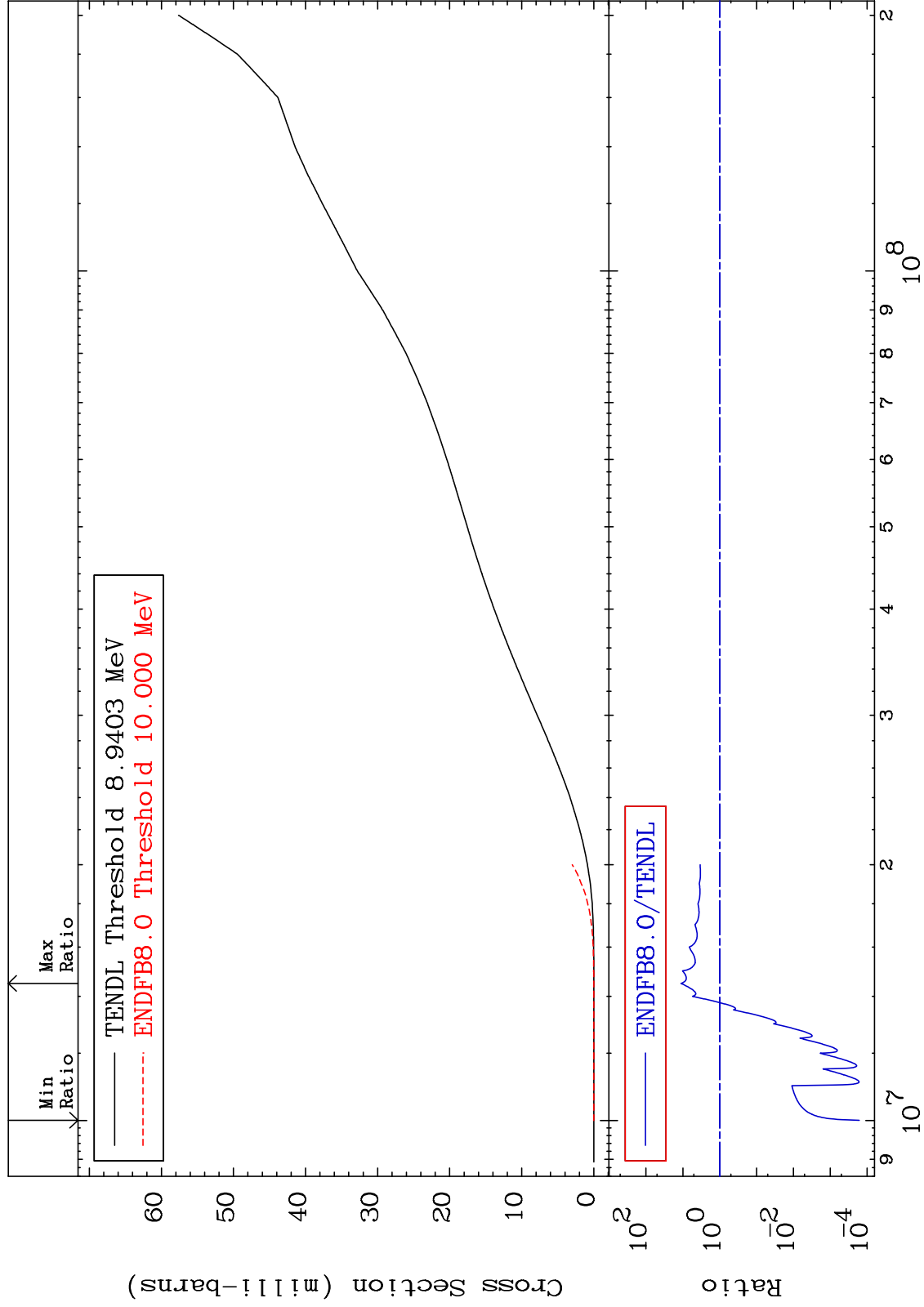
56-Ba-136
-100.0 To 75.12 %



MAT 5643

Tritium Production
Cross Section

56-Ba-136
-99.98 To 1019. %



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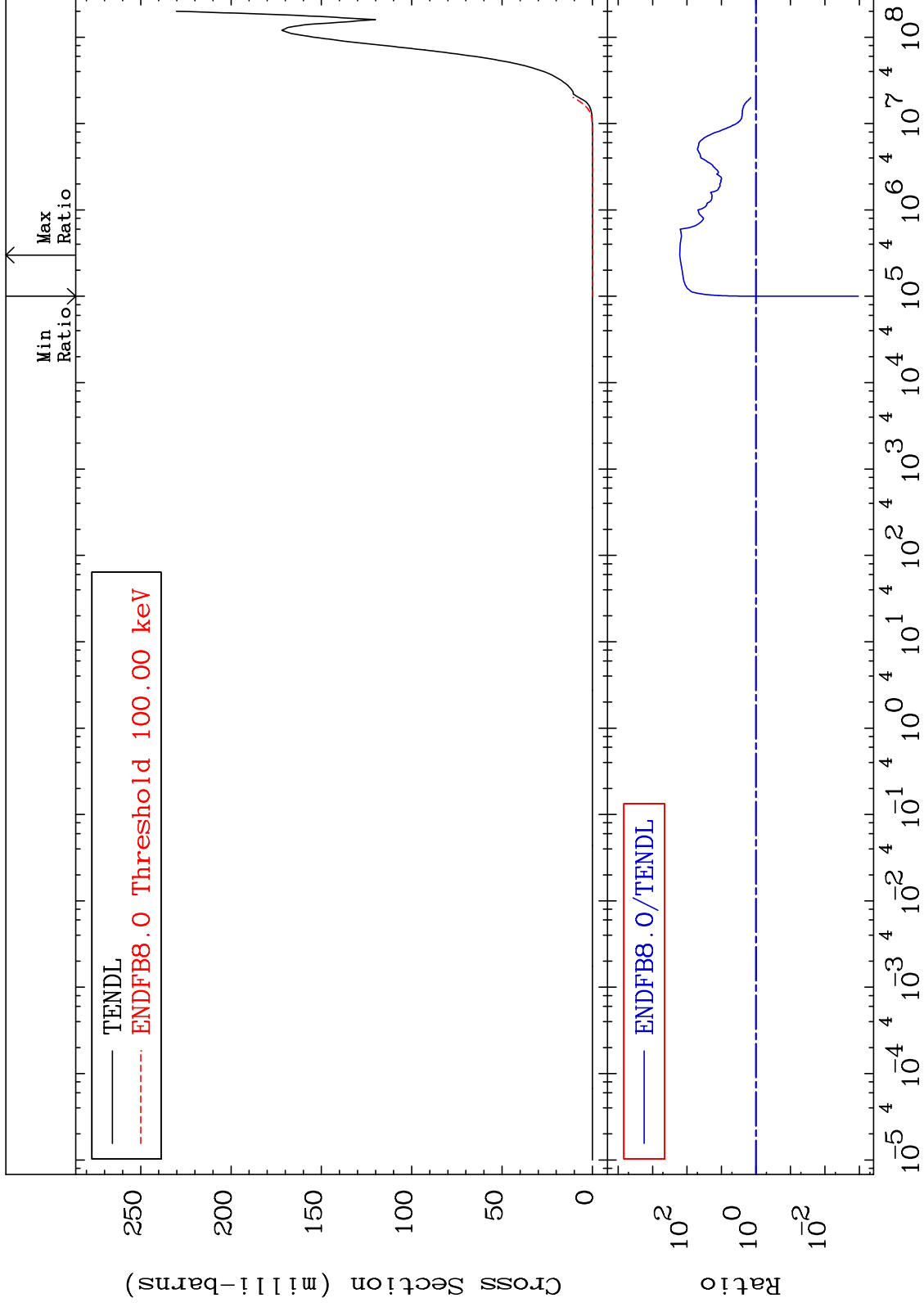
Incident Energy (eV)

56-Ba-136

MAT 5643

He-4 Production
Cross Section

56-Ba-136
-99.89 To 9999. %



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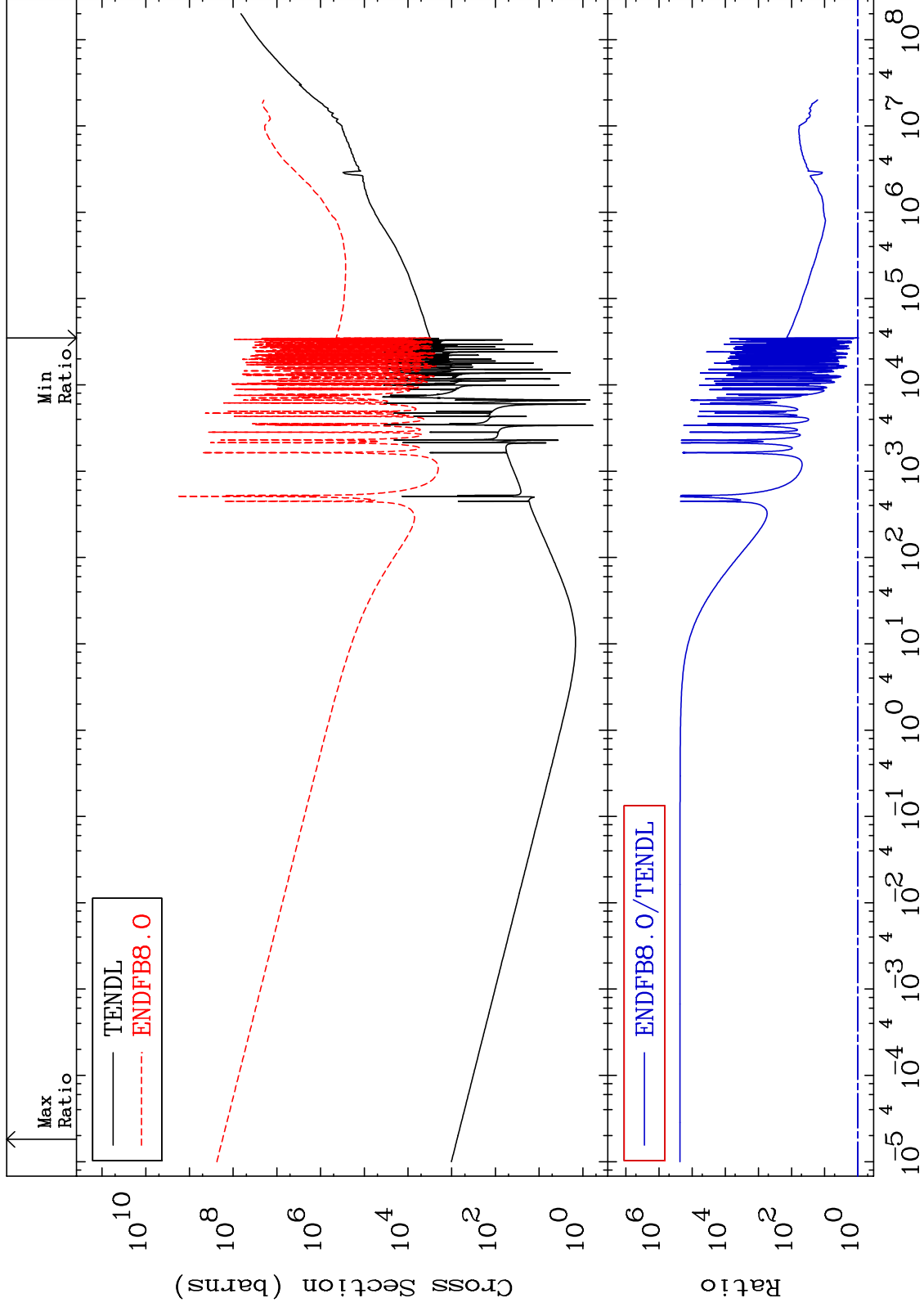
Incident Energy (eV)

56-Ba-136

MAT 5643

Kerma total (eV-barns)
Cross Section

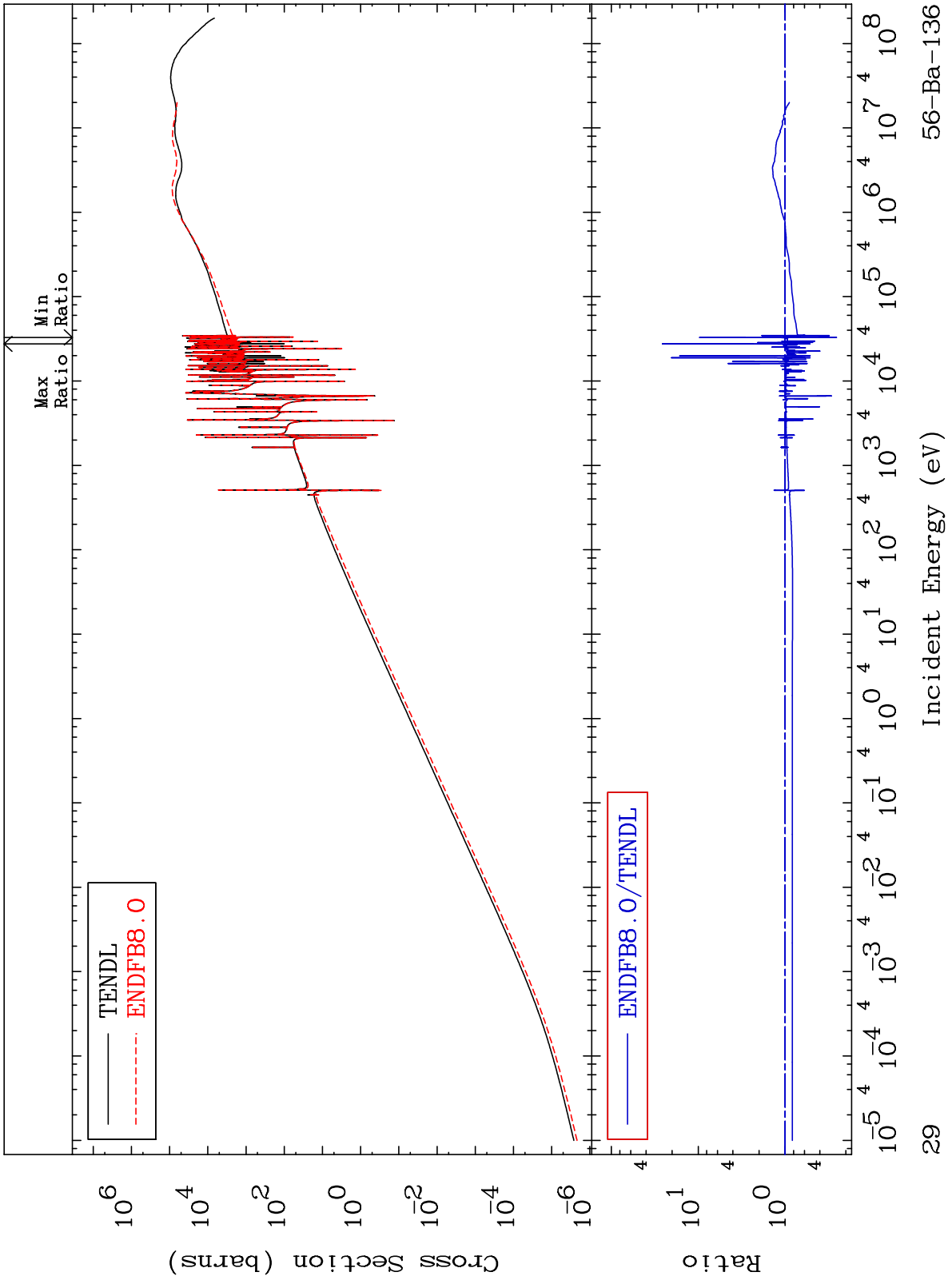
56-Ba-136
-4.278 To 9999. %



MAT 5643

Kerma elastic
Cross Section

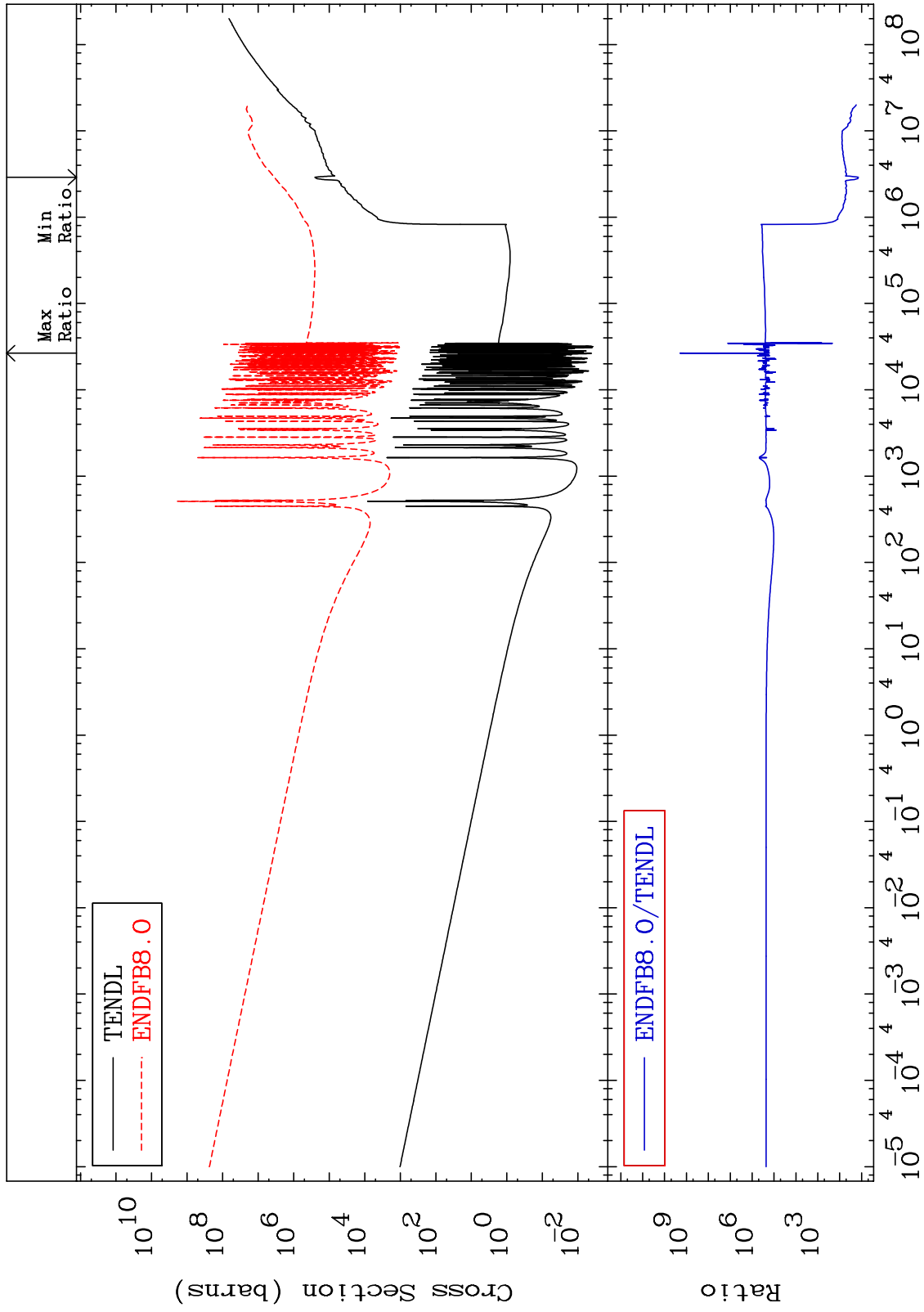
56-Ba-136
-74.50 To 2492. %



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Kerma non-elastic (all but mt2)
Cross Section

56-Ba-136
1289. To 9999. %



30

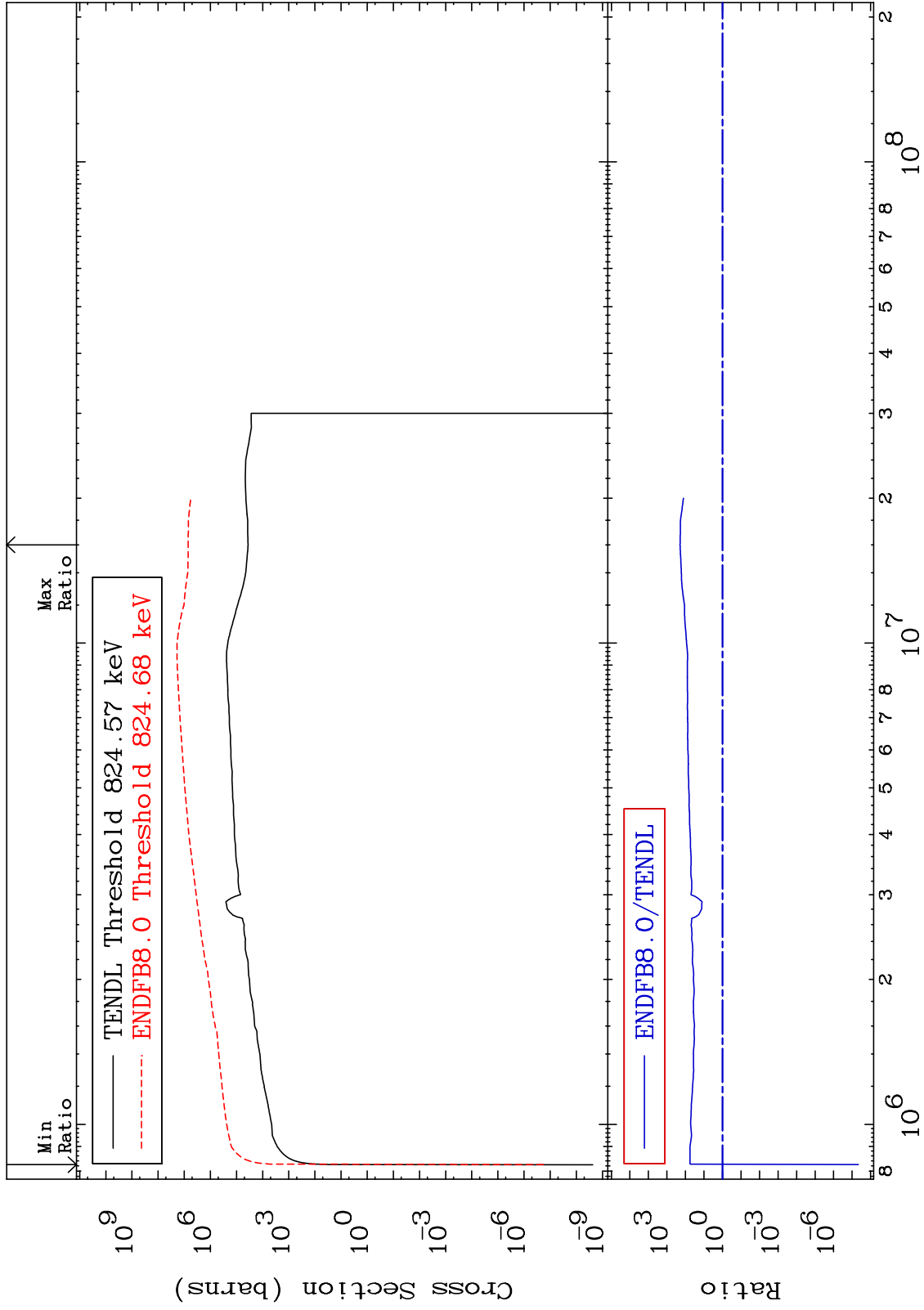
Incident Energy (eV)

56-Ba-136

MAT 5643

Kerma inelastic (mt51-91)
Cross Section

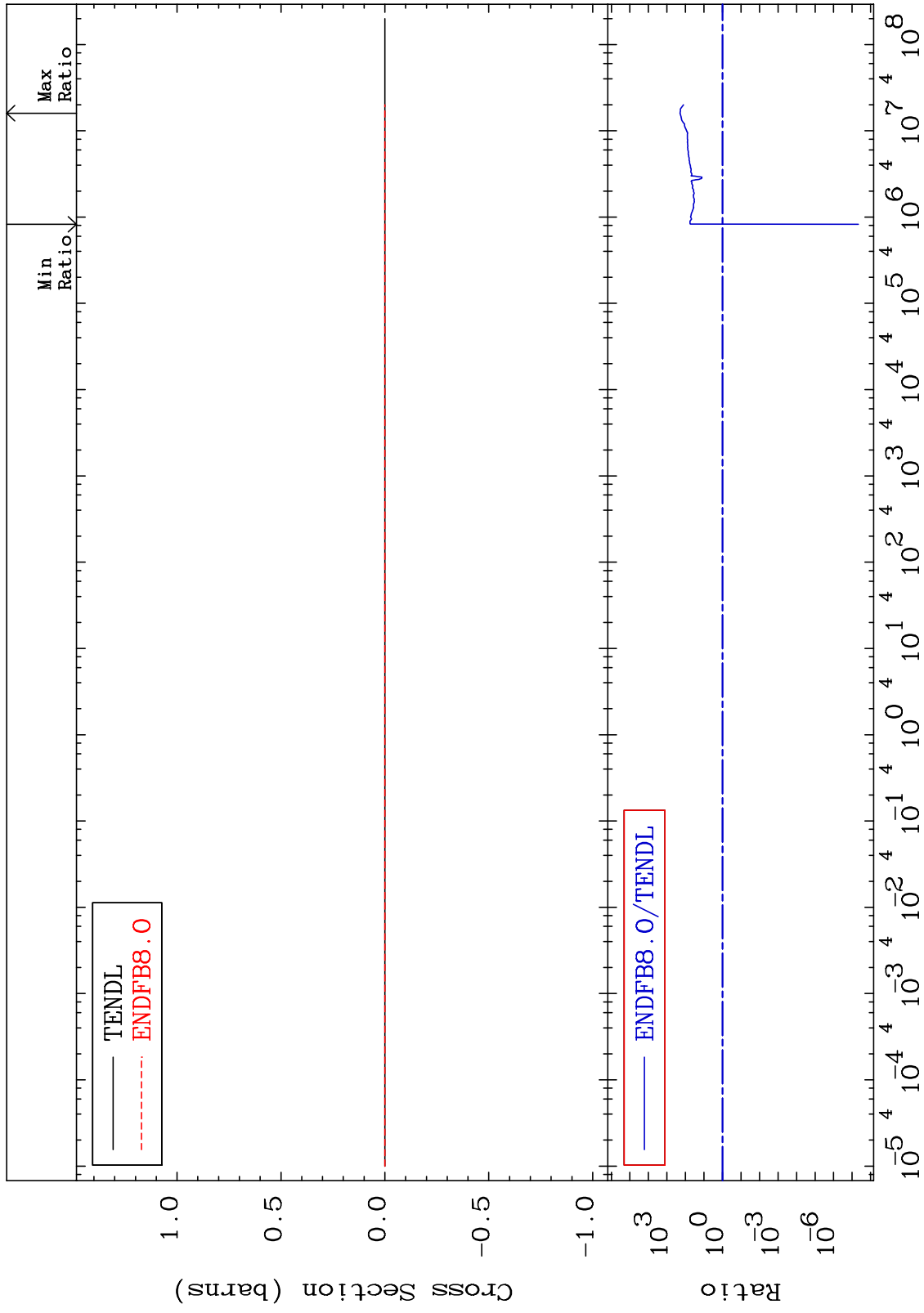
56-Ba-136
-100.0 To 9999. %



MAT 5643

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

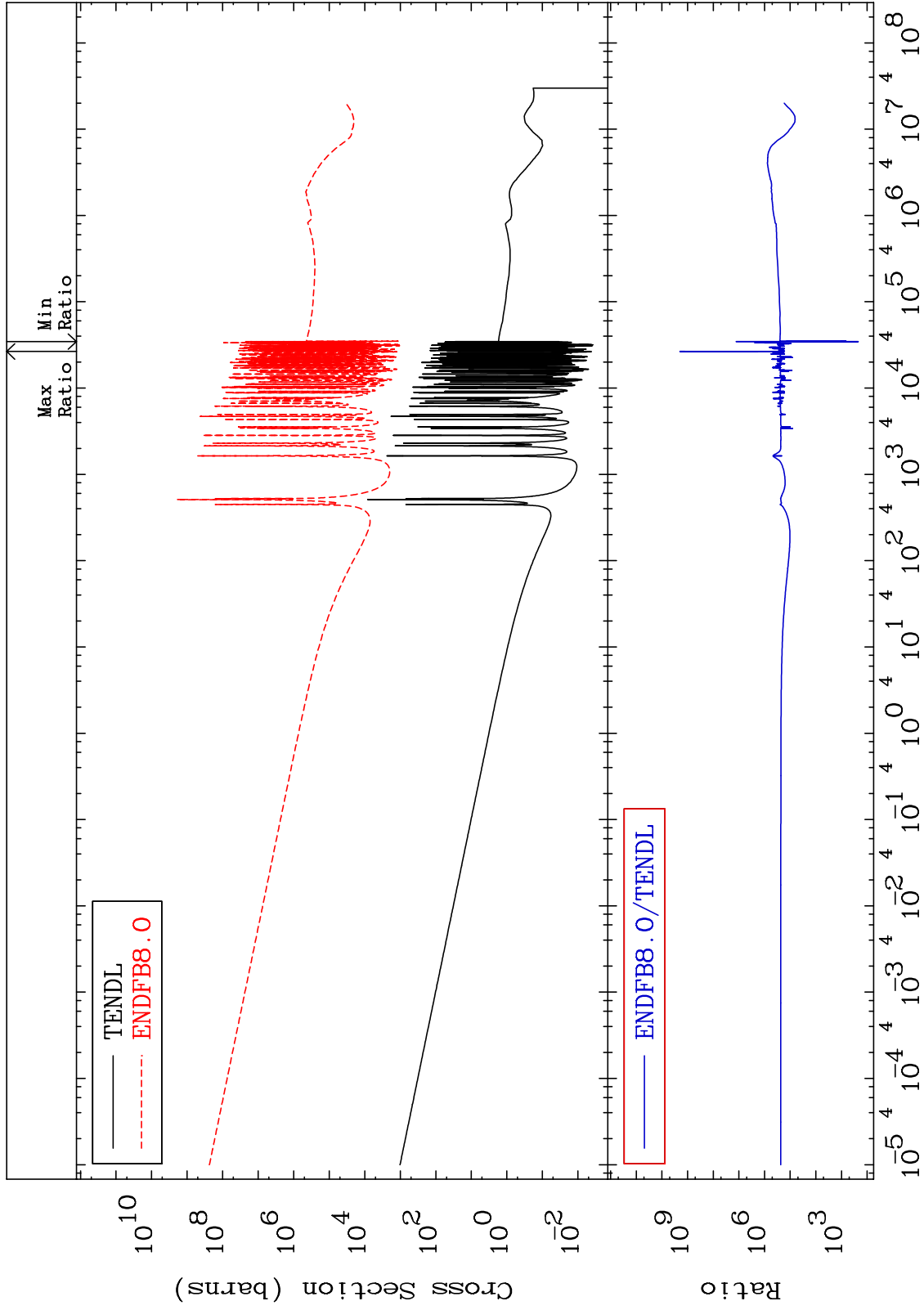
56-Ba-136
-100.0 To 9999. %



MAT 5643

Kerma capture (mt102)
Cross Section

56-Ba-136
9999. To 9999. %



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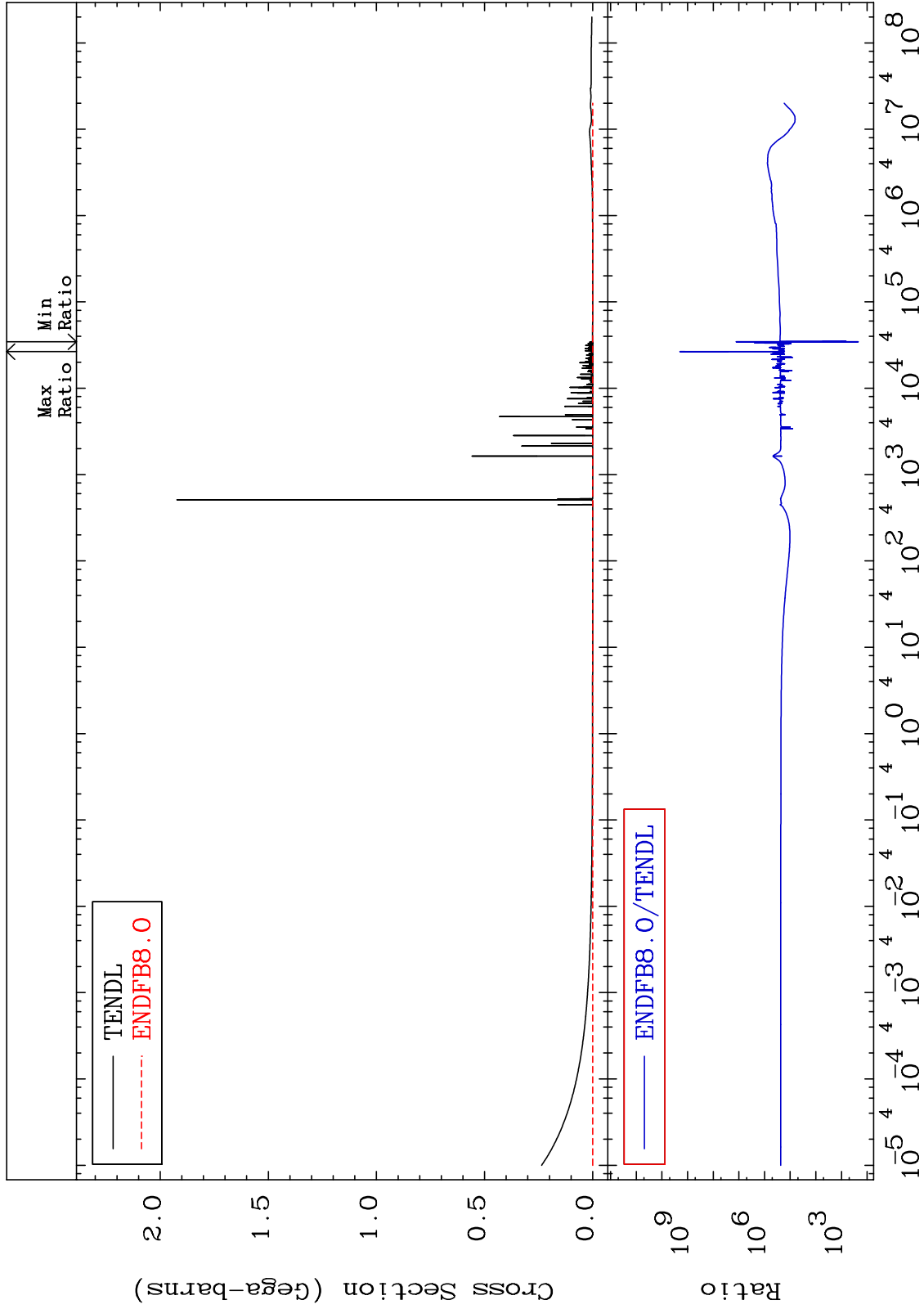
Incident Energy (eV)

56-Ba-136

MAT 5643

Total photon (eV-barns)
Cross Section

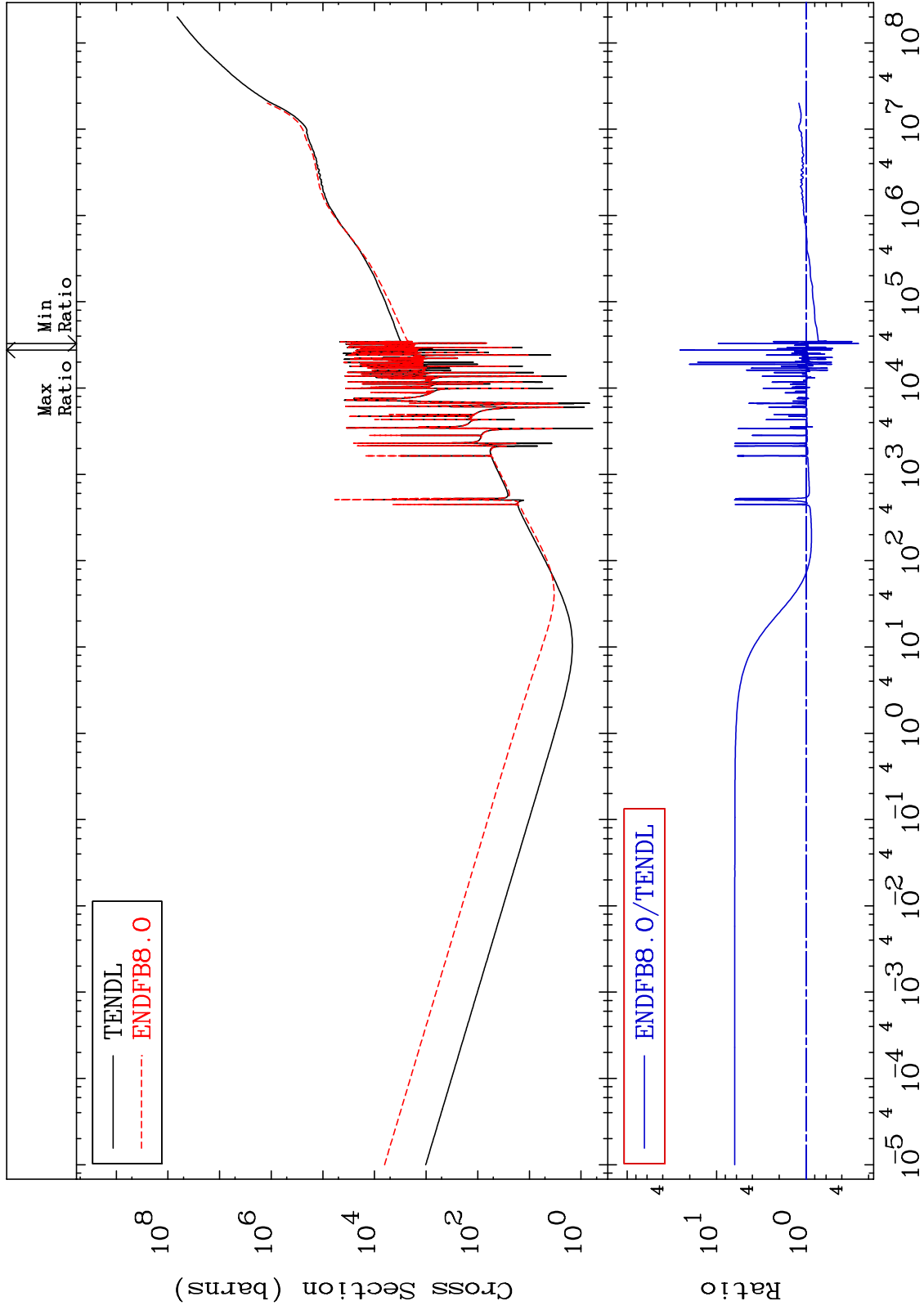
56-Ba-136
9999. To 9999. %



MAT 5643

Total kinematic kerma (high limit)
Cross Section

56-Ba-136
-73.92 To 2469. %



35

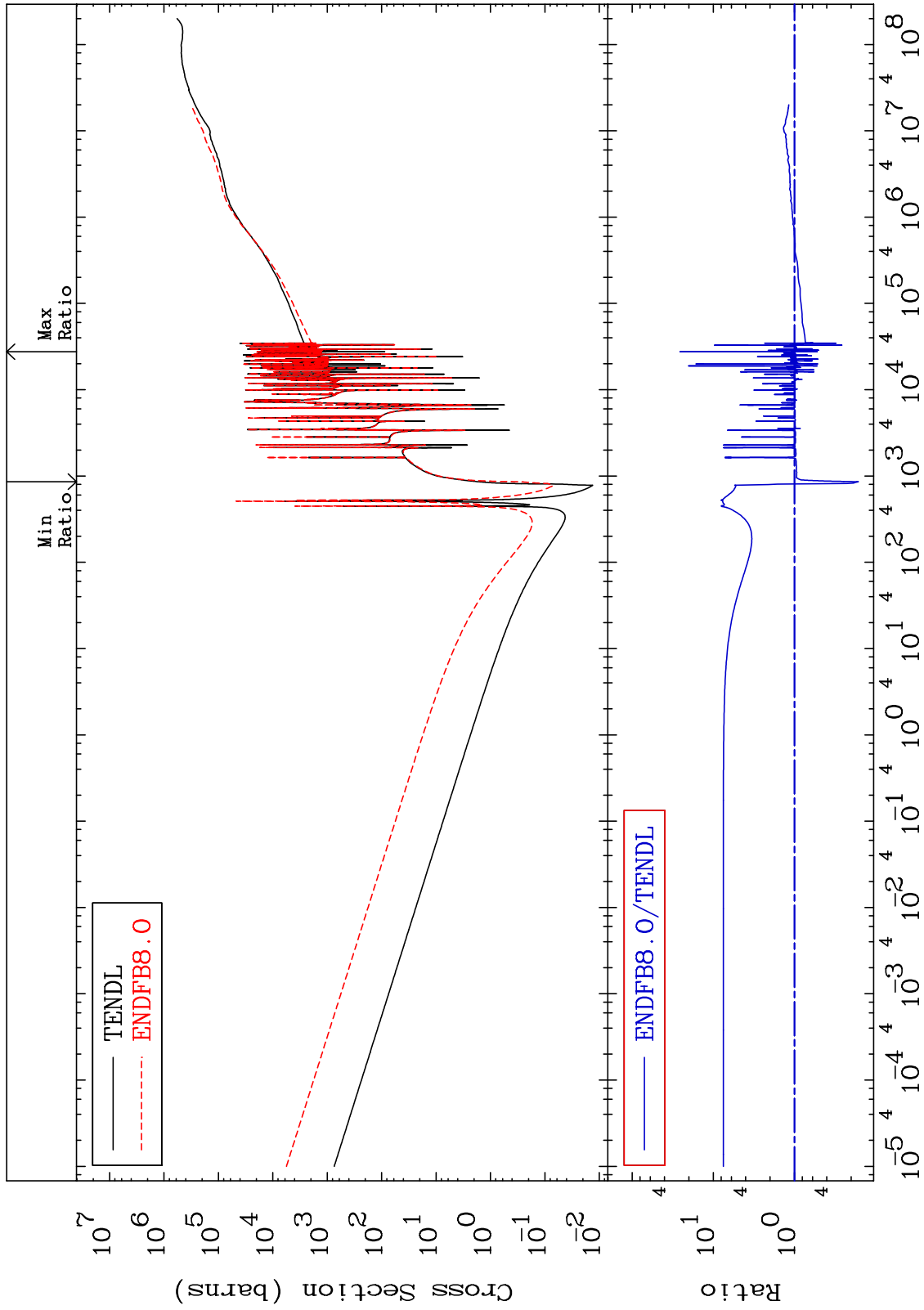
Incident Energy (eV)

56-Ba-136

MAT 5643

Dpa total (eV-barns)
Cross Section

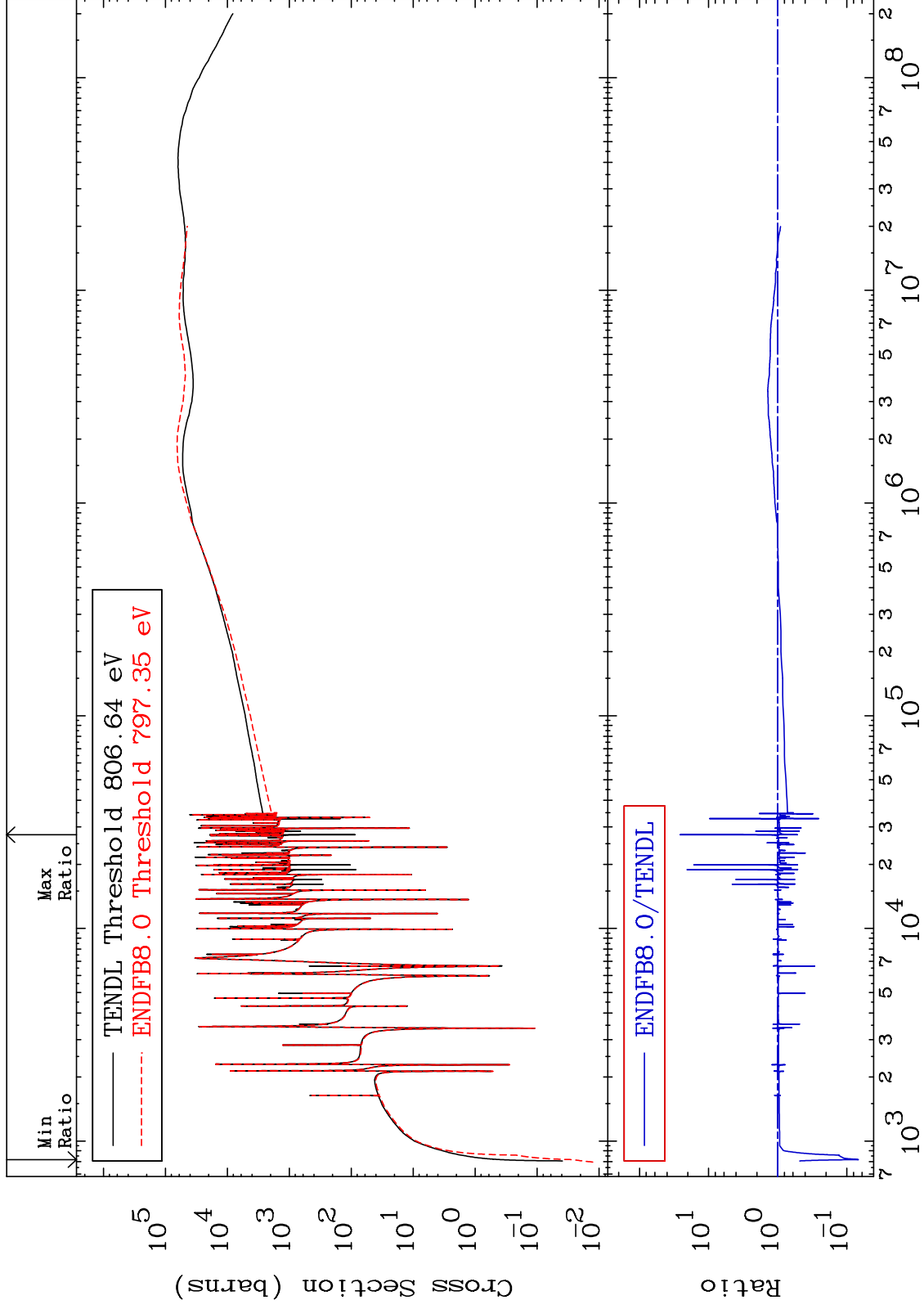
56-Ba-136
-83.71 To 2479. %



MAT 5643

Dpa elastic (mt2)
Cross Section

56-Ba-136
-93.22 To 2494. %



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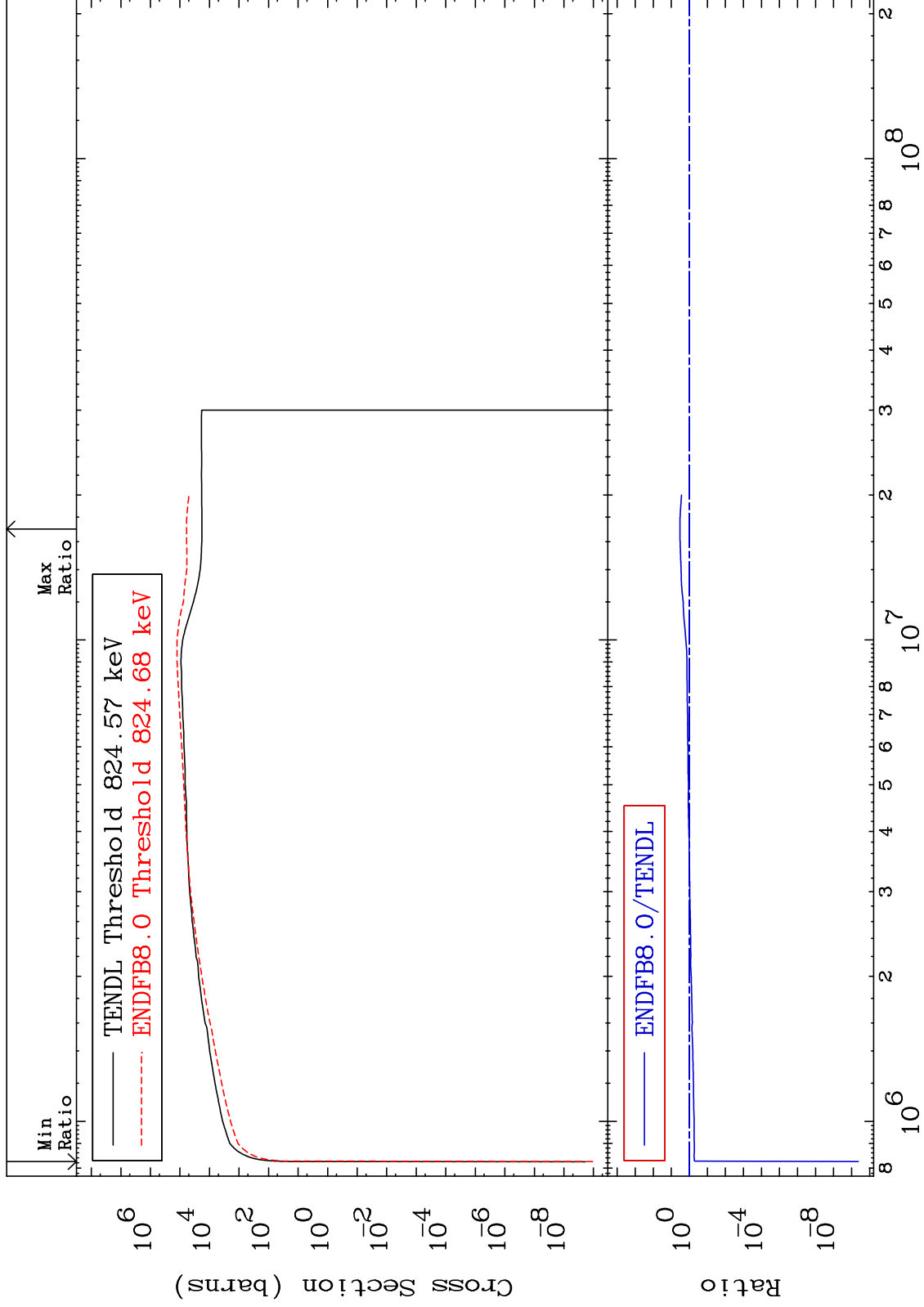
Incident Energy (eV)

56-Ba-136

MAT 5643

Dpa inelastic (mt51-91)
Cross Section

56-Ba-136
-100.0 To 227.1 %



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Incident Energy (eV)

56-Ba-136

MAT 5643

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-136
-98.32 To 9999. %

