

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

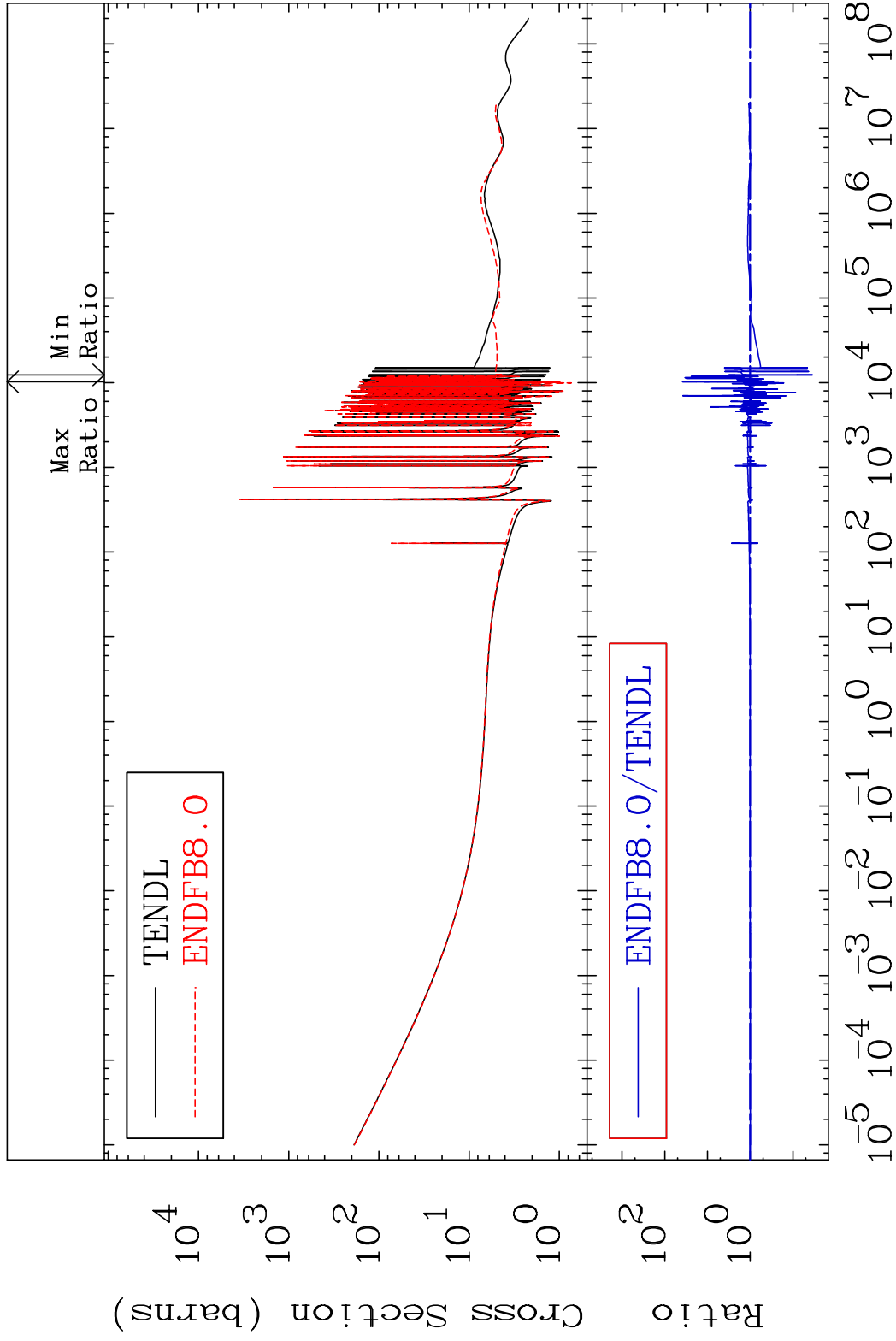
Press Mouse Button to Start

MAT 5646

Total

56-Ba-137

Cross Section -96.53 To 3770. %



1

Incident Energy (eV)

56-Ba-137

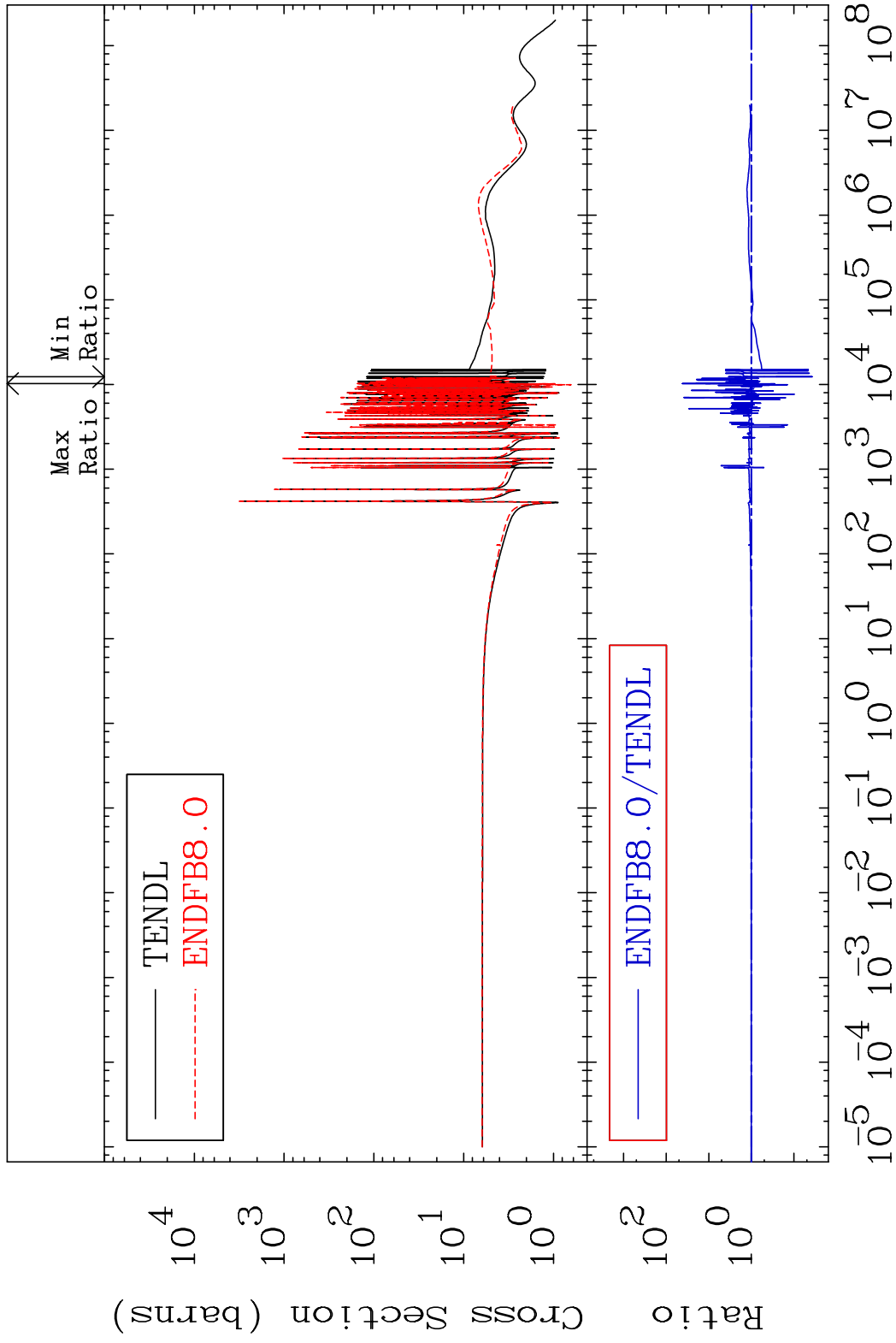
MAT 5646

Elastic

56-Ba-137

Cross Section

-96.33 To 4056. %

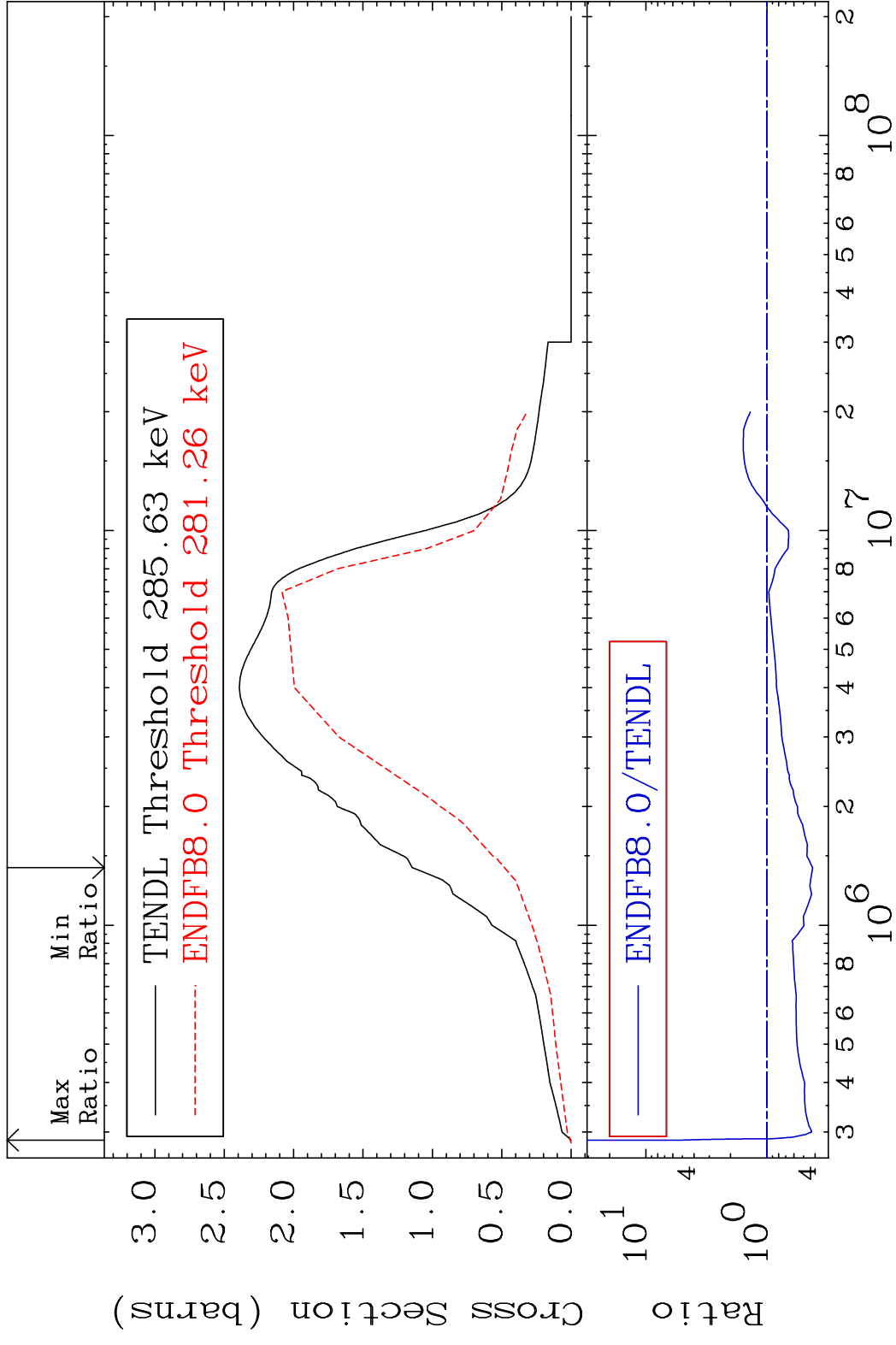


2

Incident Energy (eV)

56-Ba-137

MAT 5646 Inelastic 56-Ba-137
 Cross Section -58.01 To 400.2 %

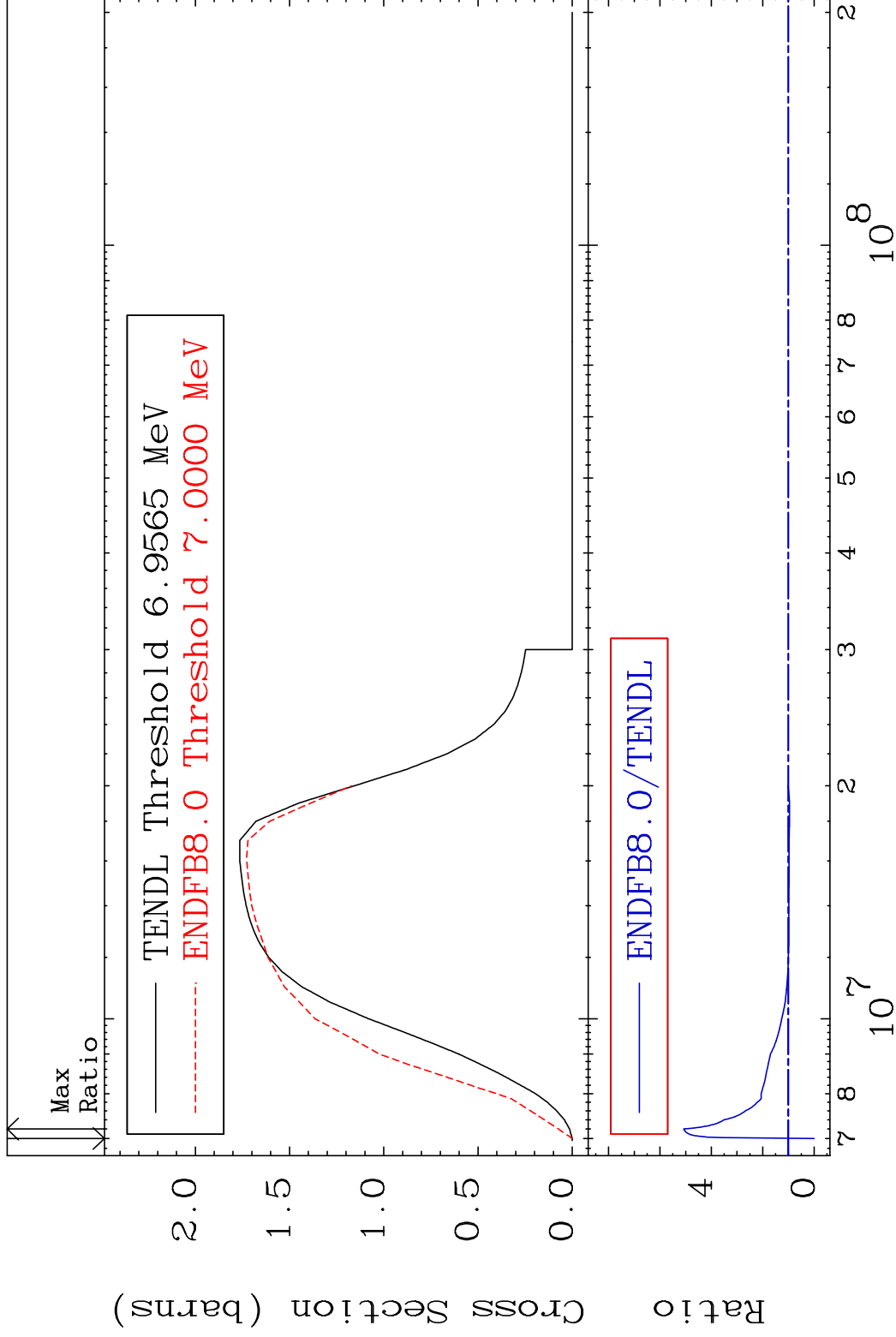


MAT 5646

(n,2n)

56-Ba-137

Cross Section -100.0 To 407.8 %



4

Incident Energy (eV)

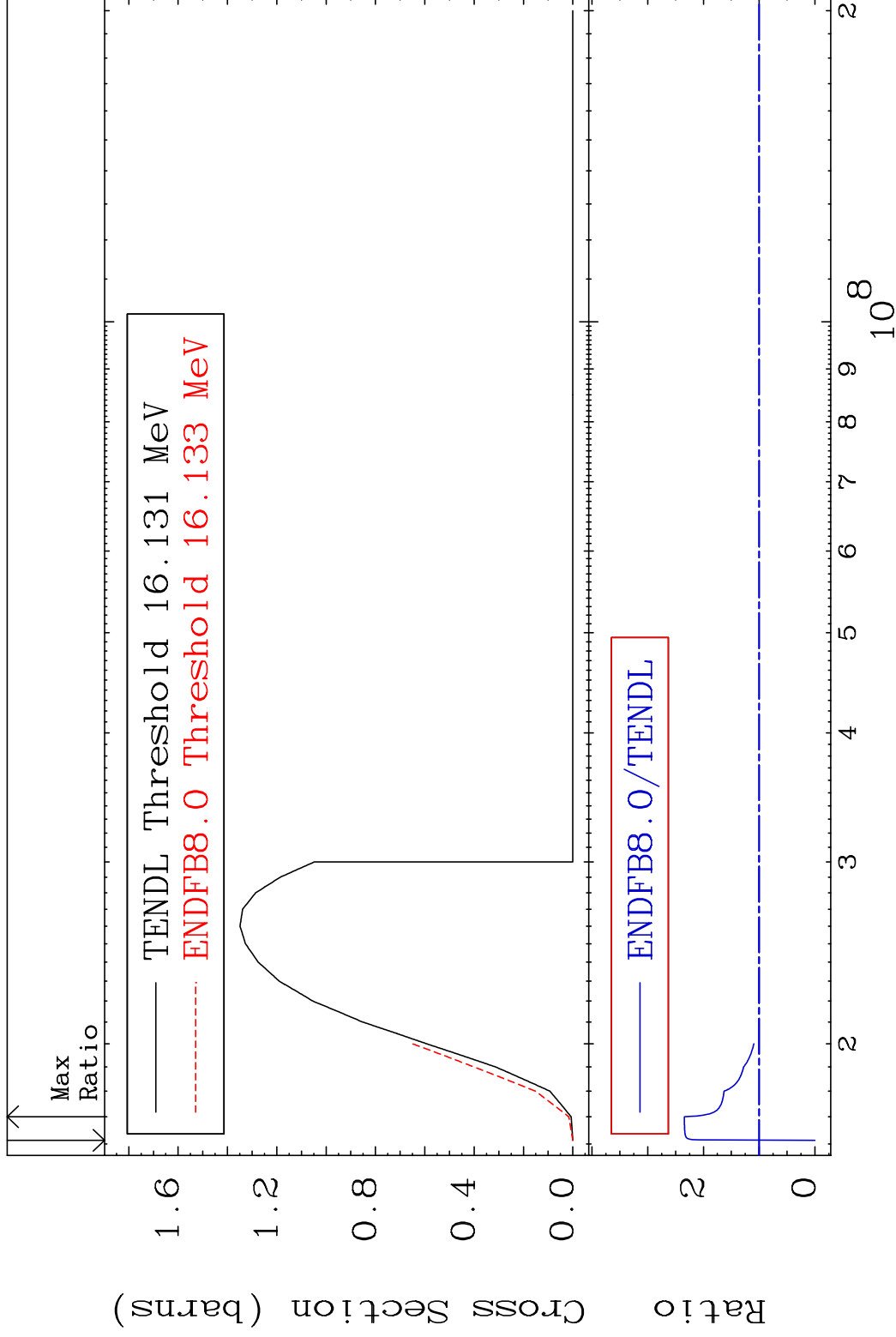
56-Ba-137

MAT 5646

(n,3n)

56-Ba-137

Cross Section -100.0 To 134.4 %



5

Incident Energy (eV)

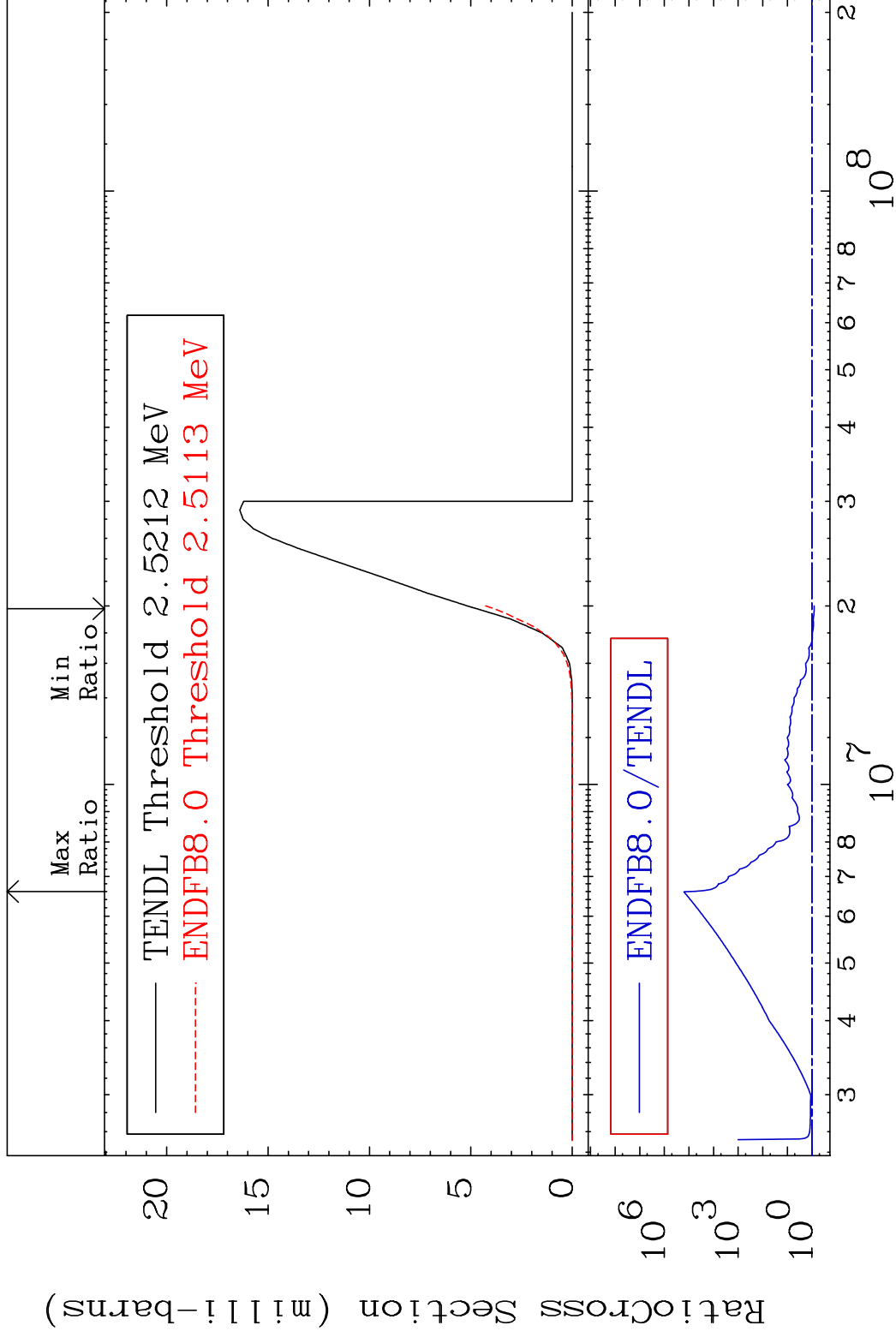
56-Ba-137

MAT 5646

(n, n') α

56-Ba-137

Cross Section -18.03 To 9999. %



6

Incident Energy (eV)

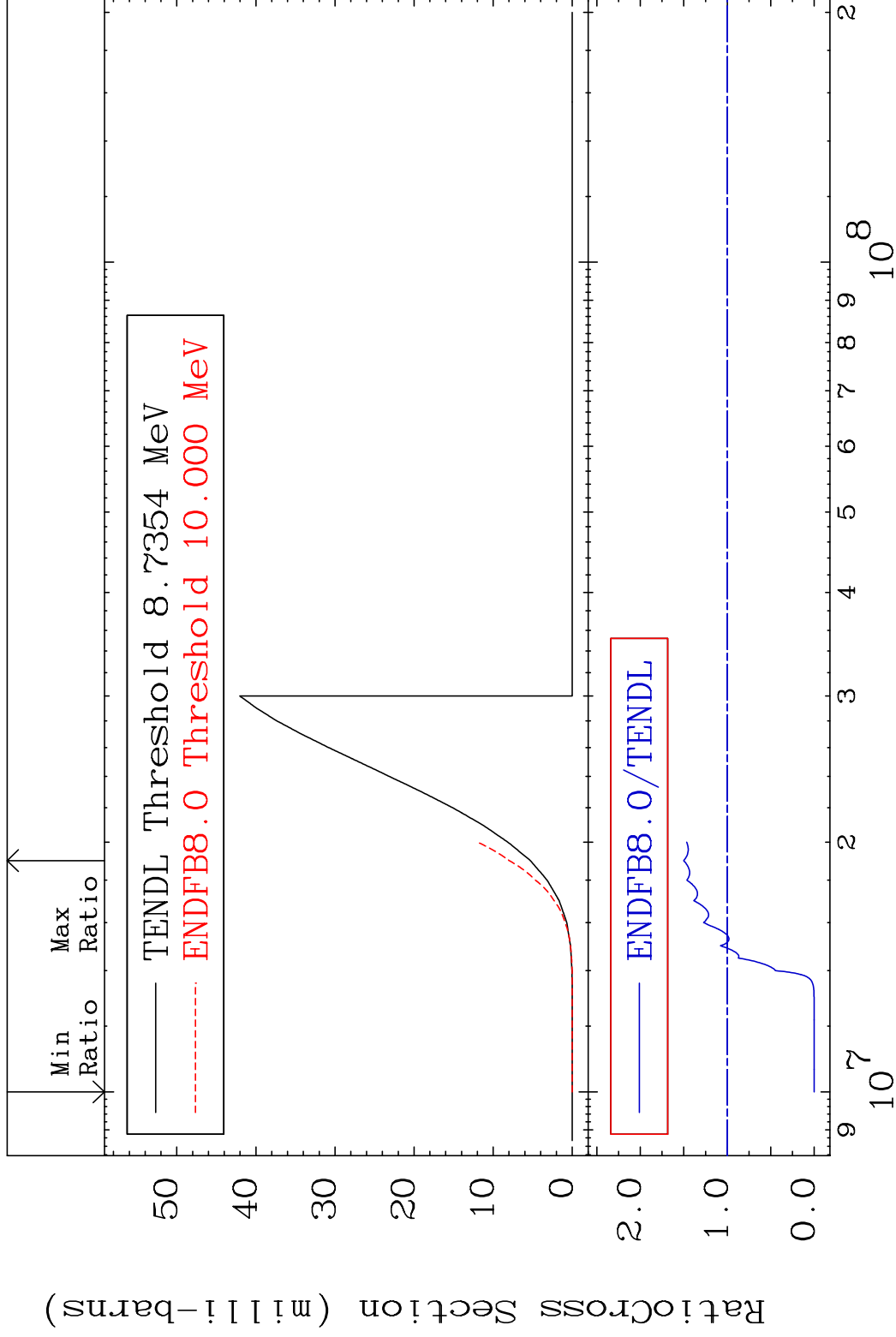
56-Ba-137

MAT 5646

(n, n') p

56-Ba-137

Cross Section -100.0 To 50.16 %



7

Incident Energy (eV)

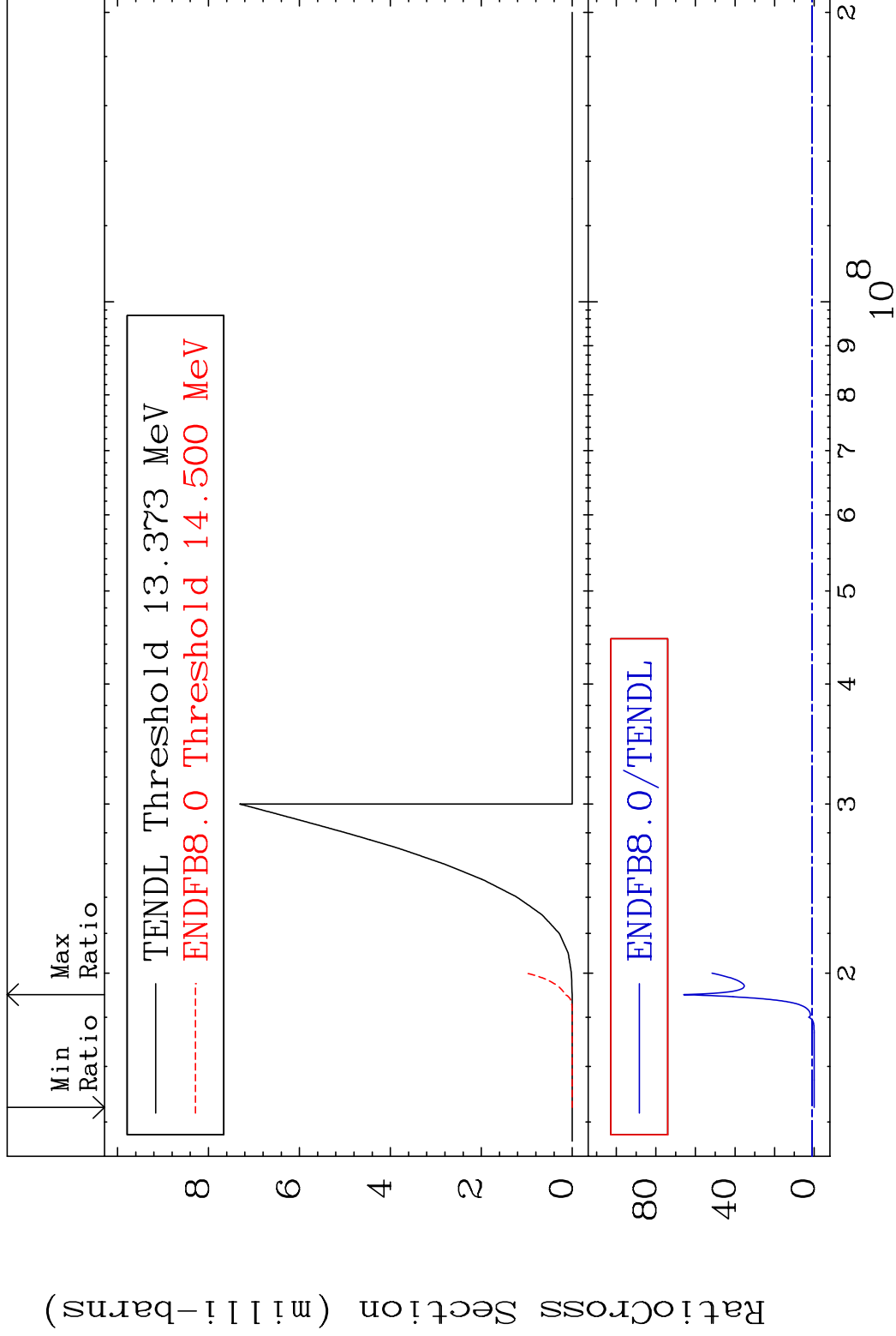
56-Ba-137

MAT 5646

(n, n') d

56-Ba-137

Cross Section -100.0 To 6496. %

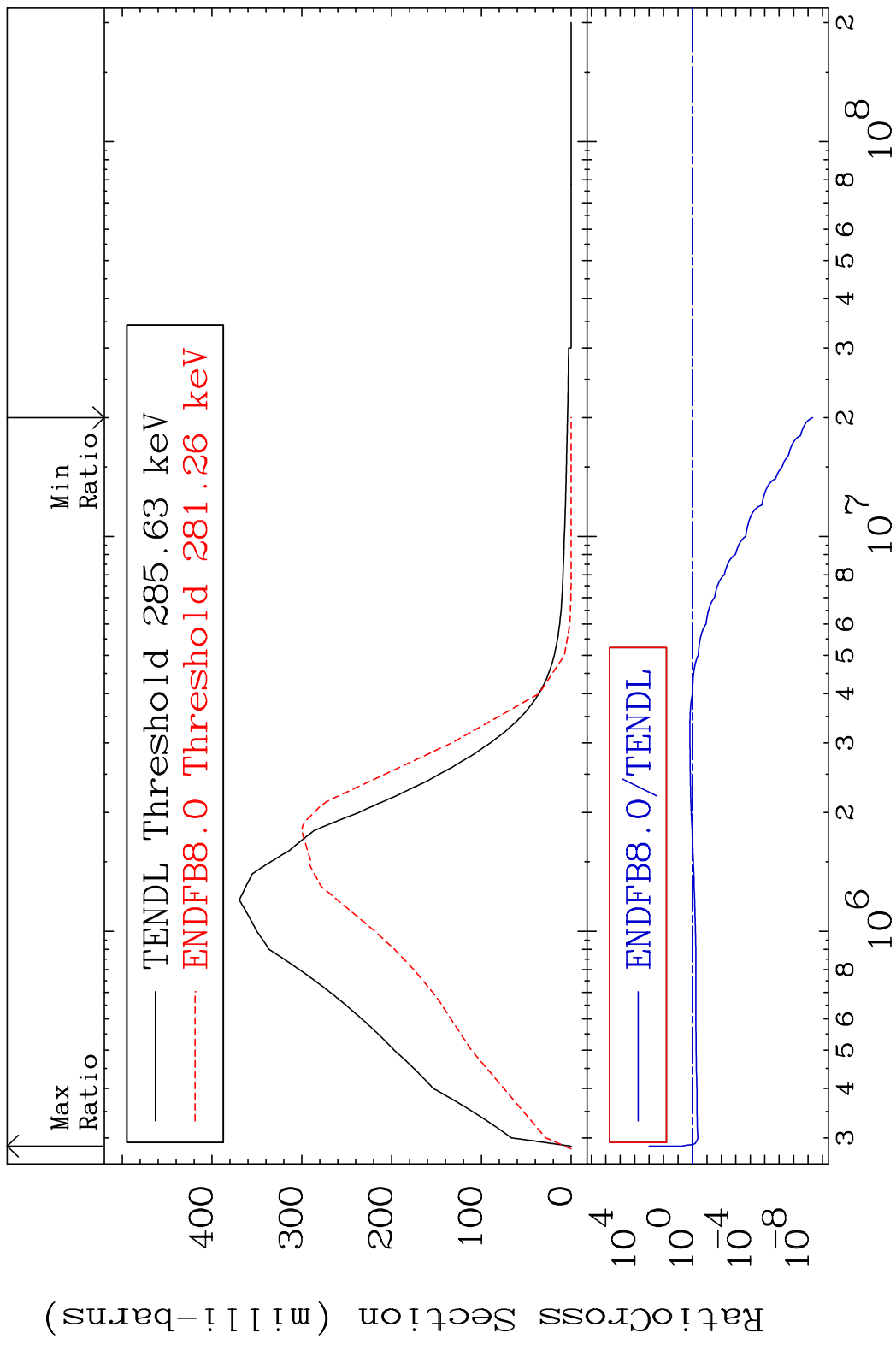


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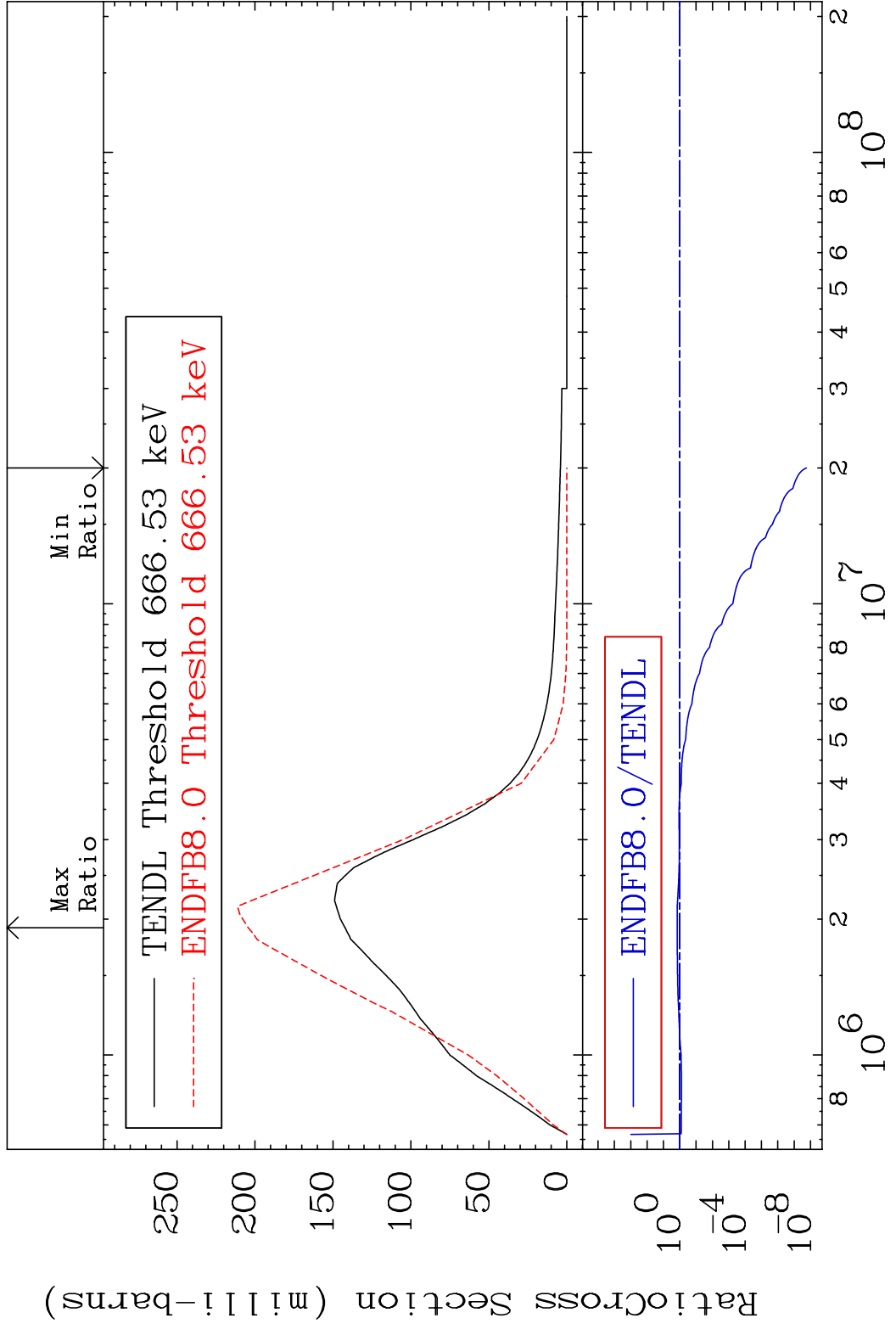
Incident Energy (eV)

56-Ba-137

MAT 5646 MT= 51 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 400.2 %

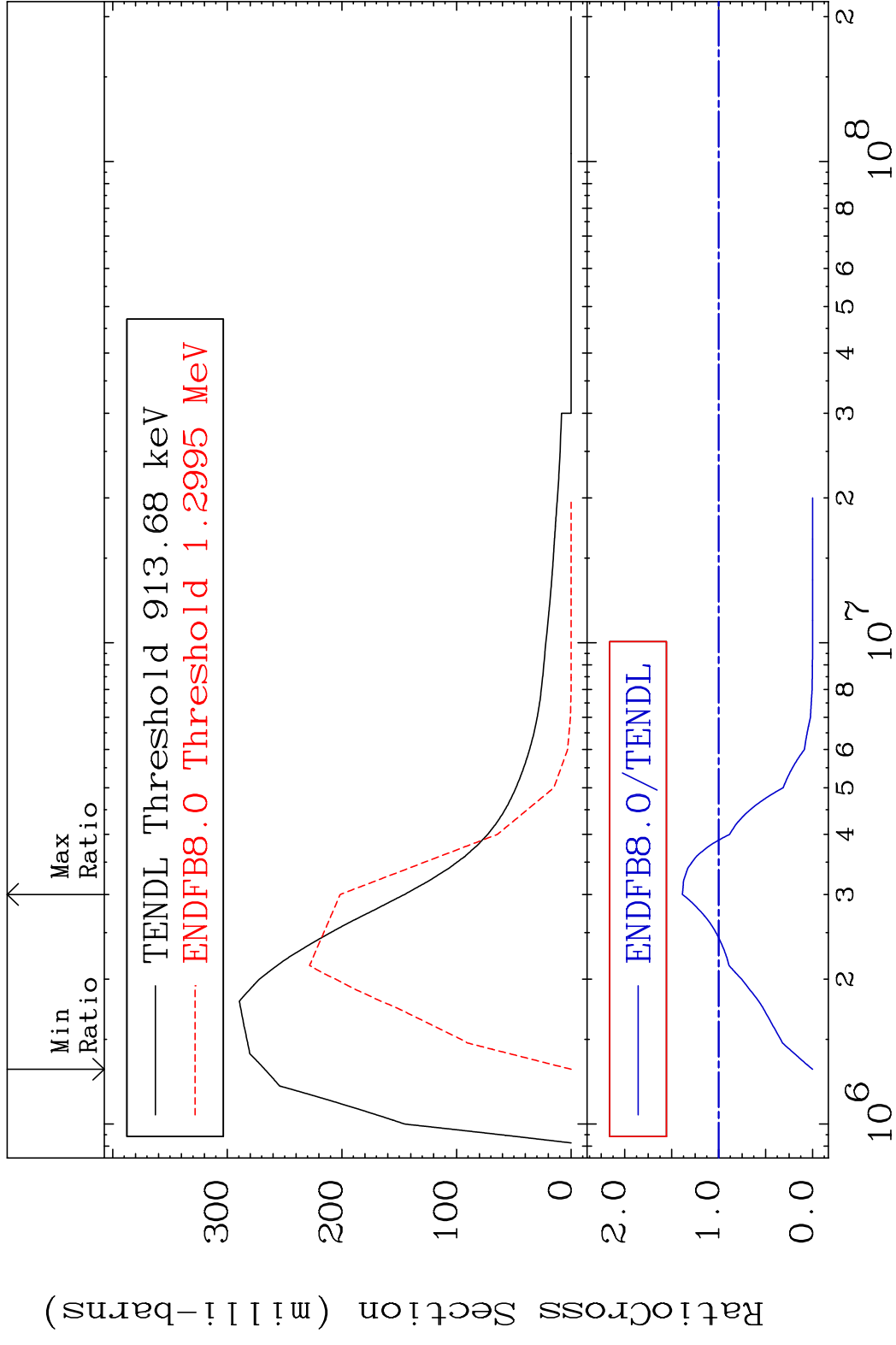


MAT 5646 MT= 52 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 43.69 %

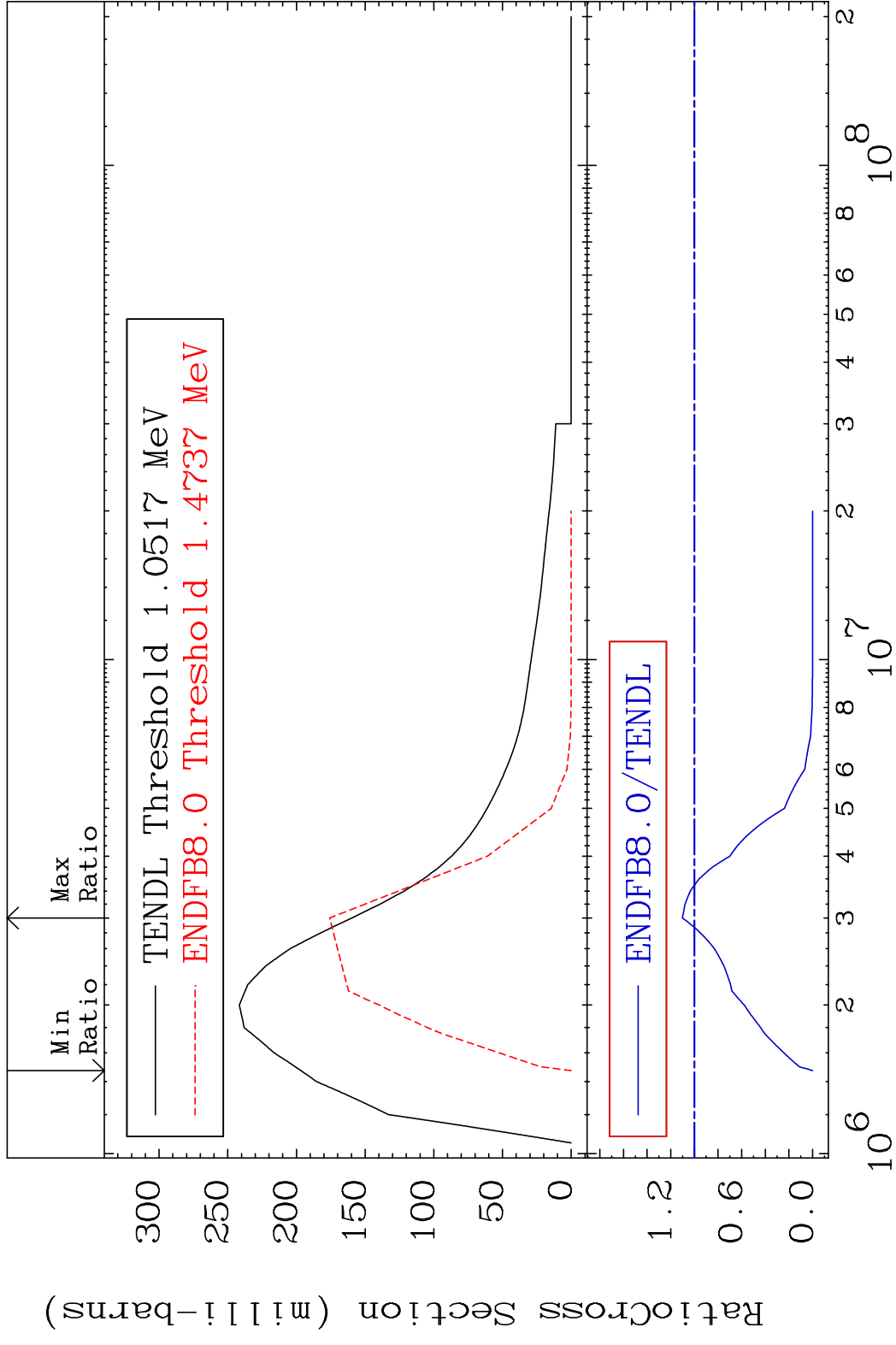


10 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 53 (n, n') Level 56-Ba-137
 Cross Section -100.0 To 38.63 %

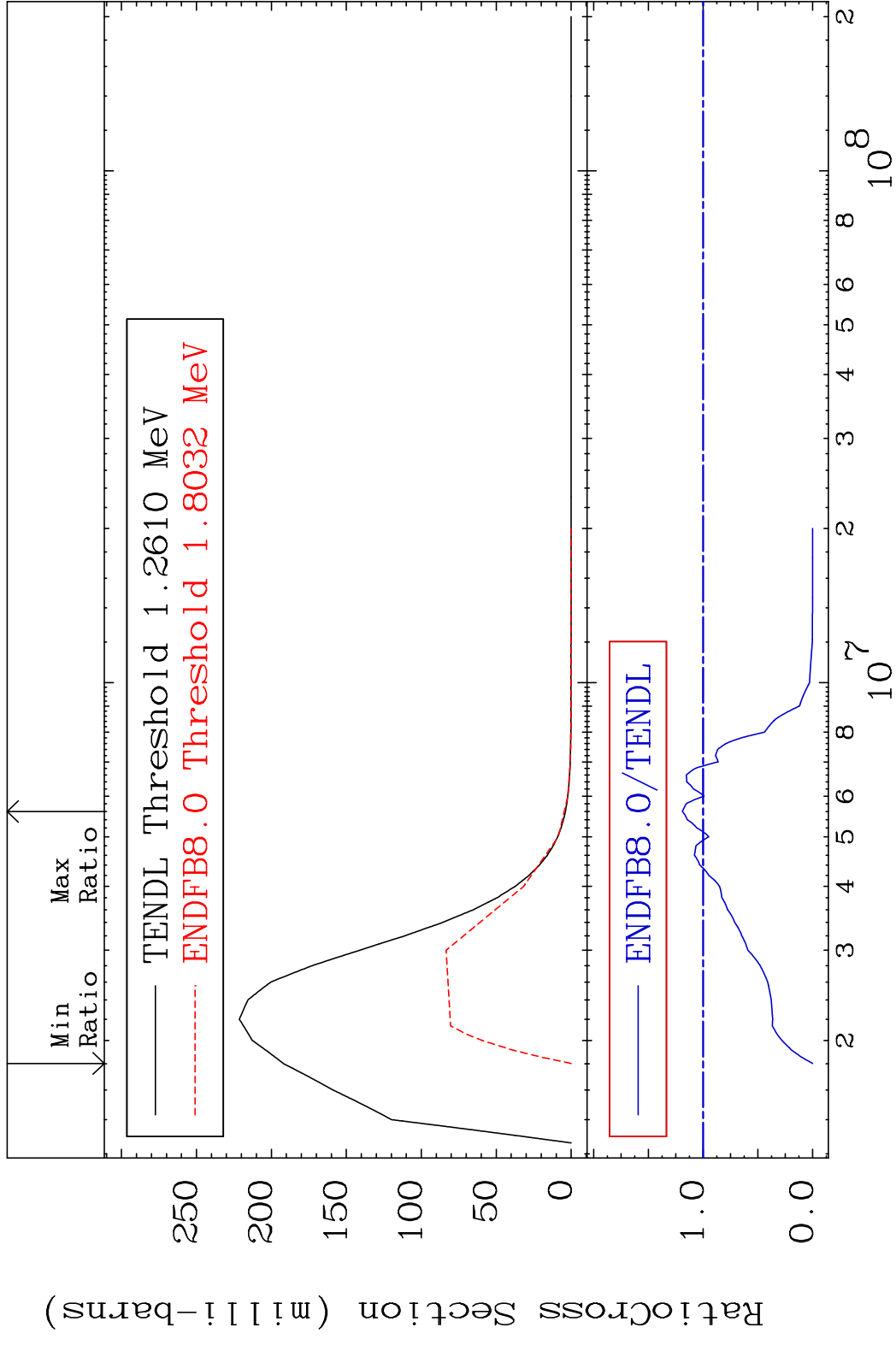


MAT 5646 MT= 54 (n,n') Level 56-Ba-137
 Cross Section -100.0 To 10.20 %

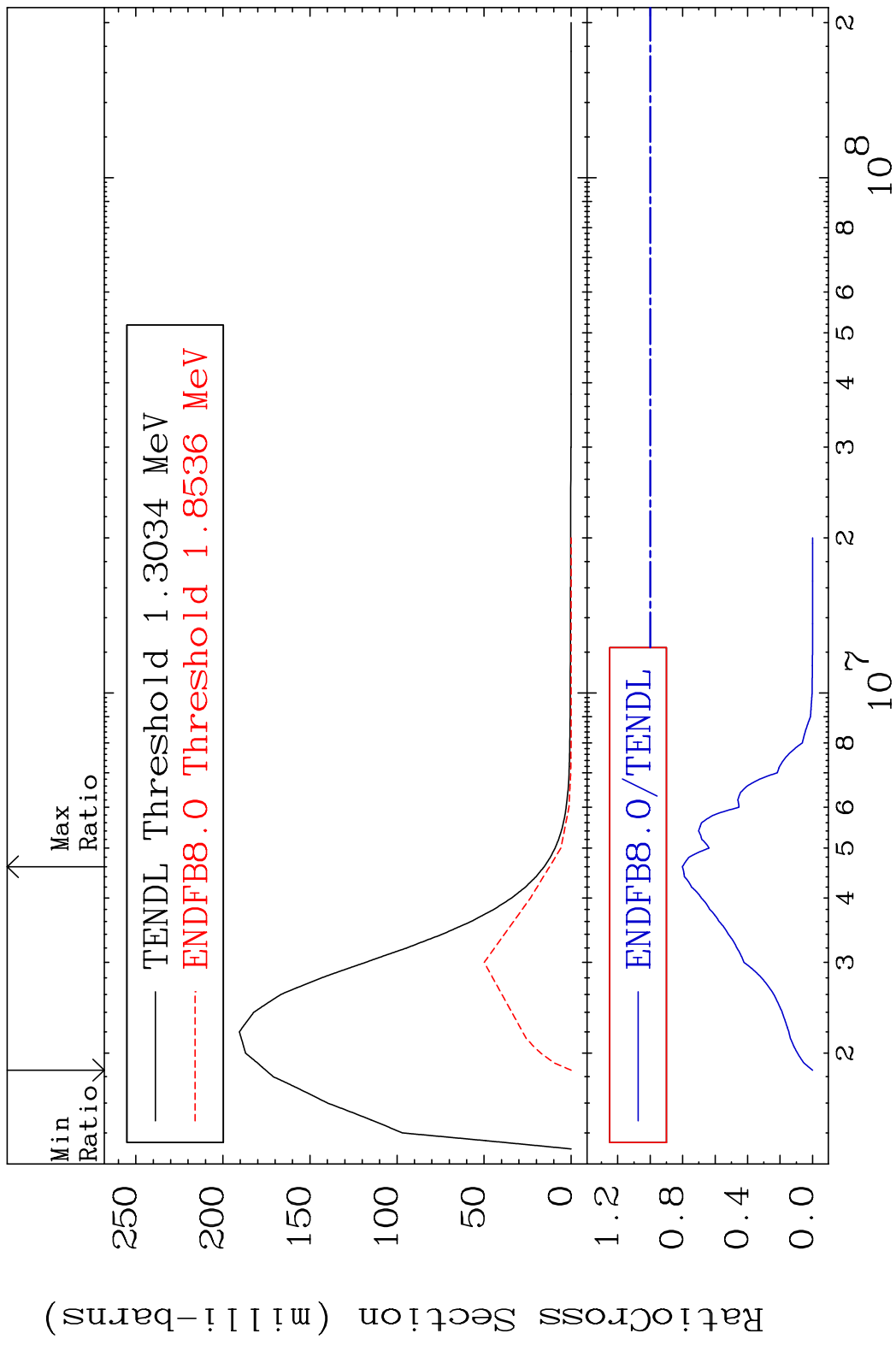


12 Incident Energy (eV) 56-Ba-137

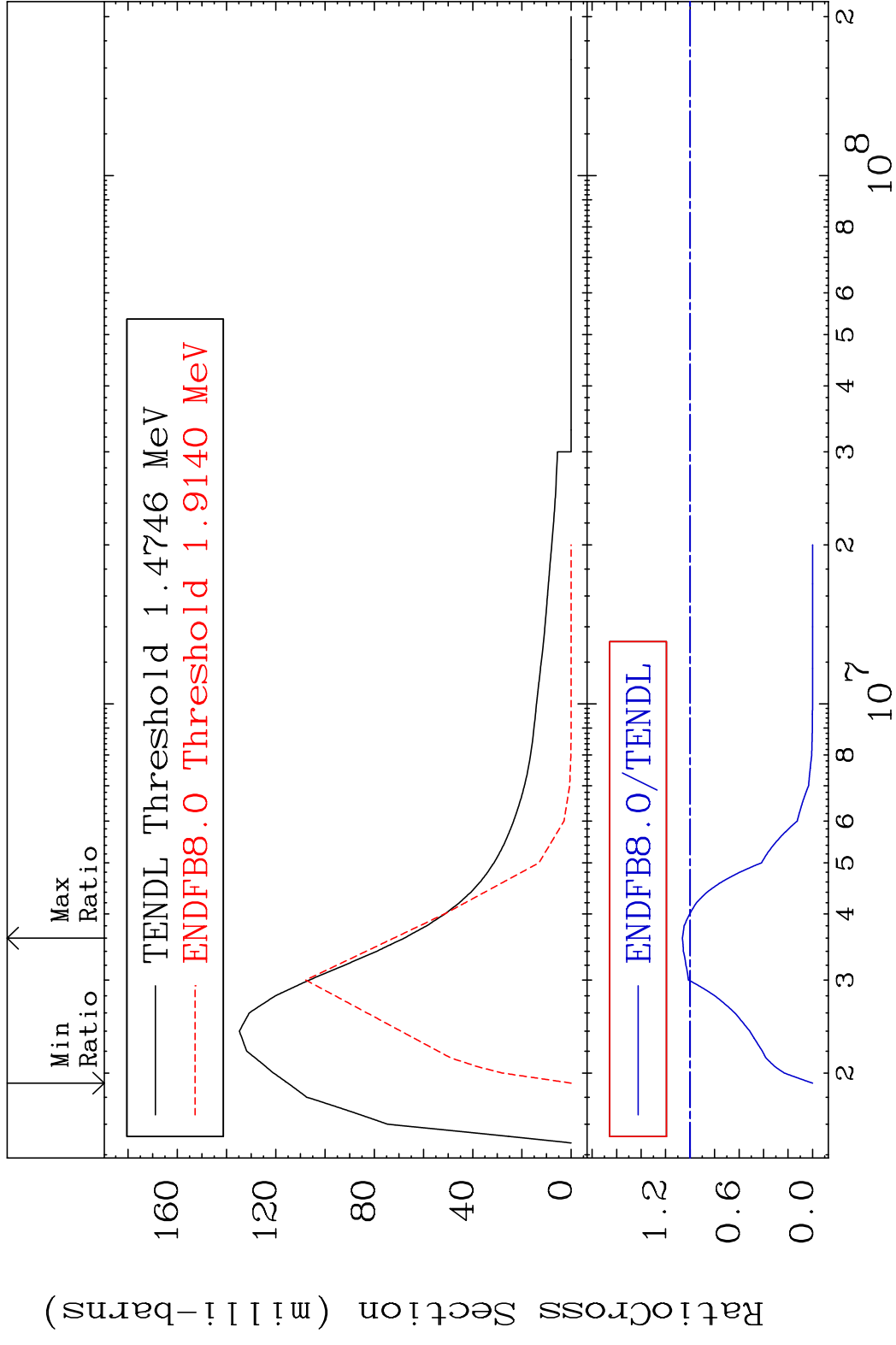
MAT 5646 MT= 55 (n,n') Level 56-Ba-137
 Cross Section -100.0 To 19.01 %



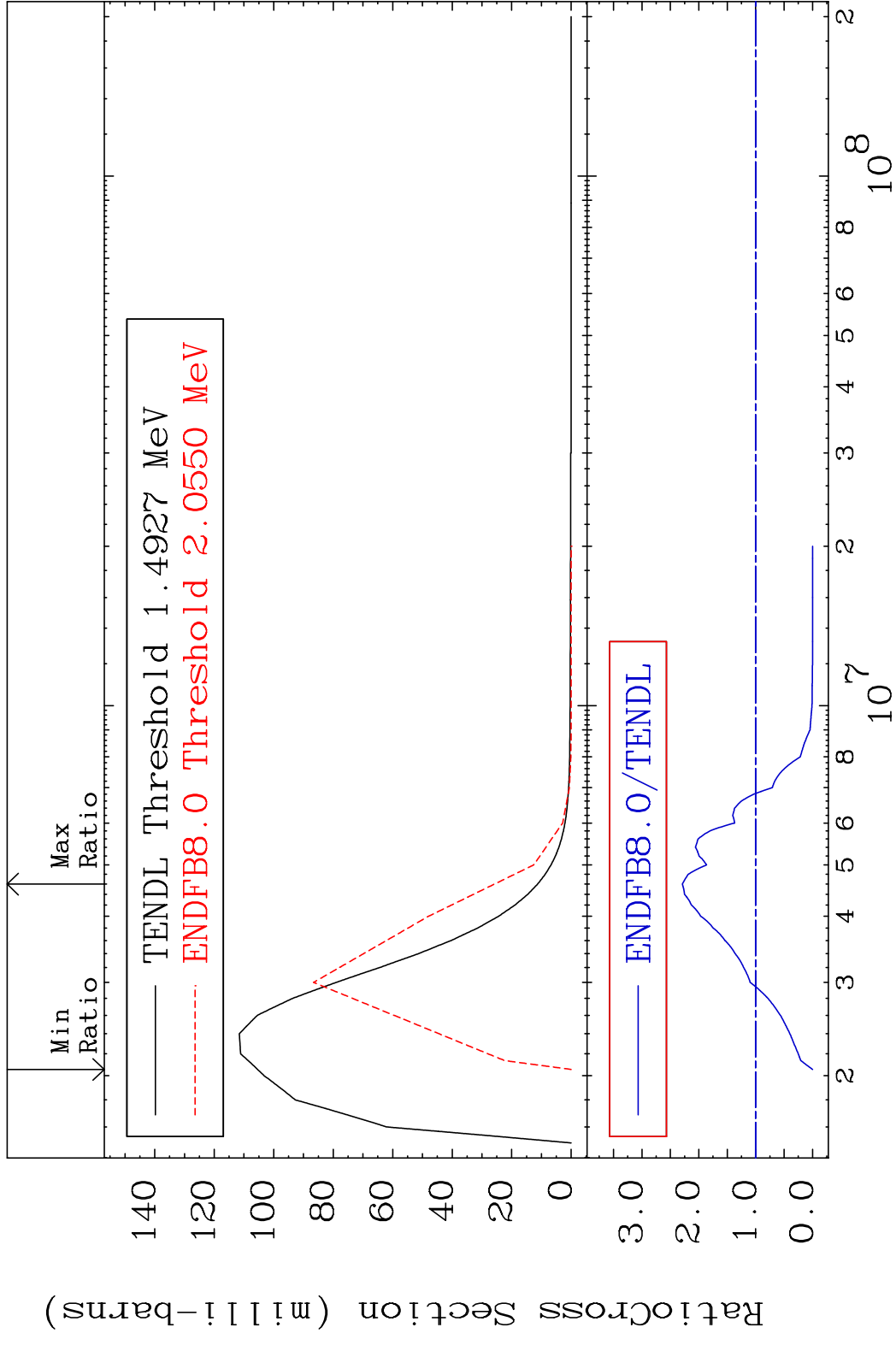
MAT 5646 MT= 56 (n,n') Level 56-Ba-137
 Cross Section -100.0 To -19.81%



MAT 5646 MT= 57 (n,n') Level 56-Ba-137
 Cross Section -100.0 To 6.322 %



MAT 5646 MT= 58 (n,n') Level 56-Ba-137
 Cross Section -100.0 To 128.9 %

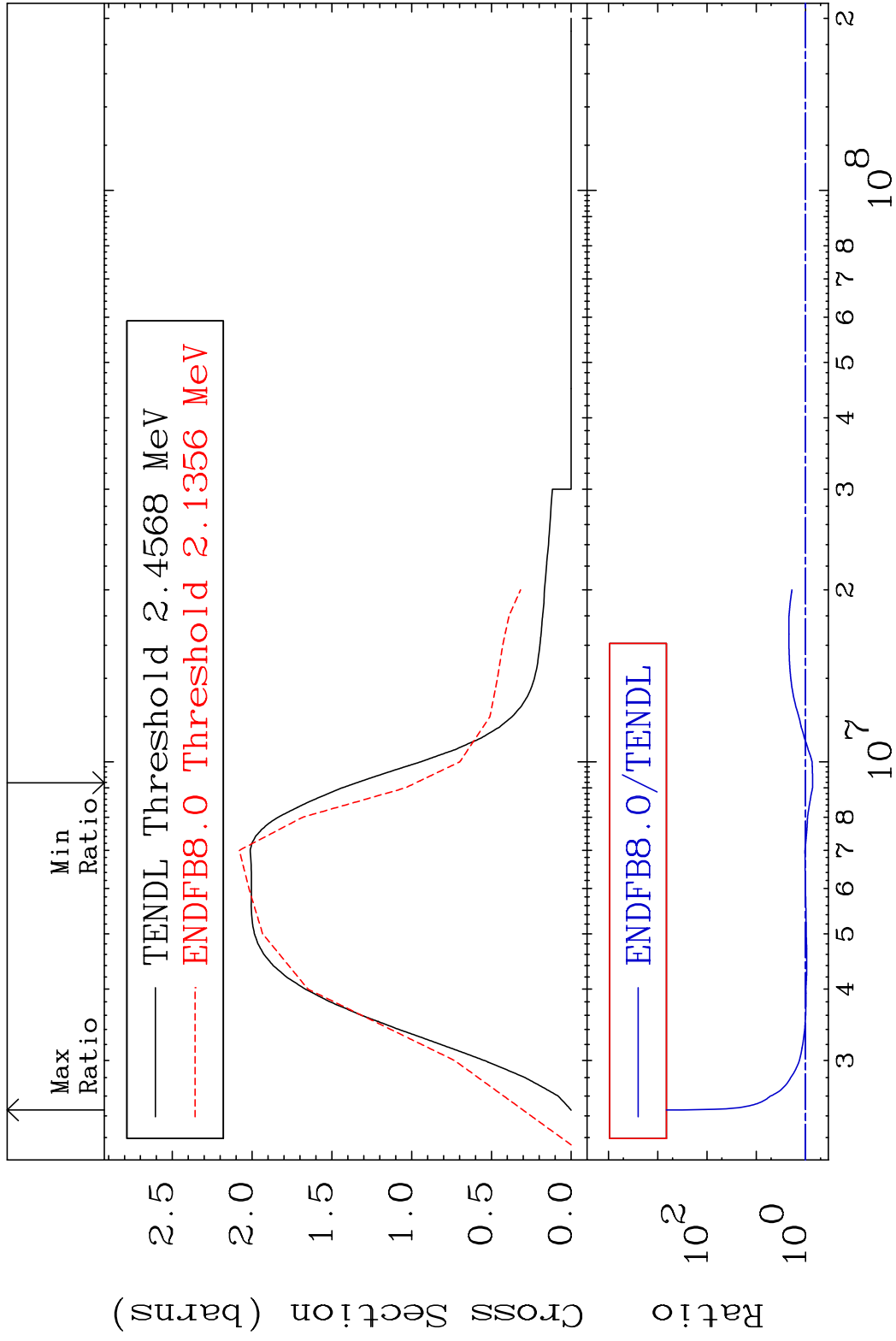


MAT 5646

(n,n') Continuum

56-Ba-137

Cross Section -27.60 To 9999. %

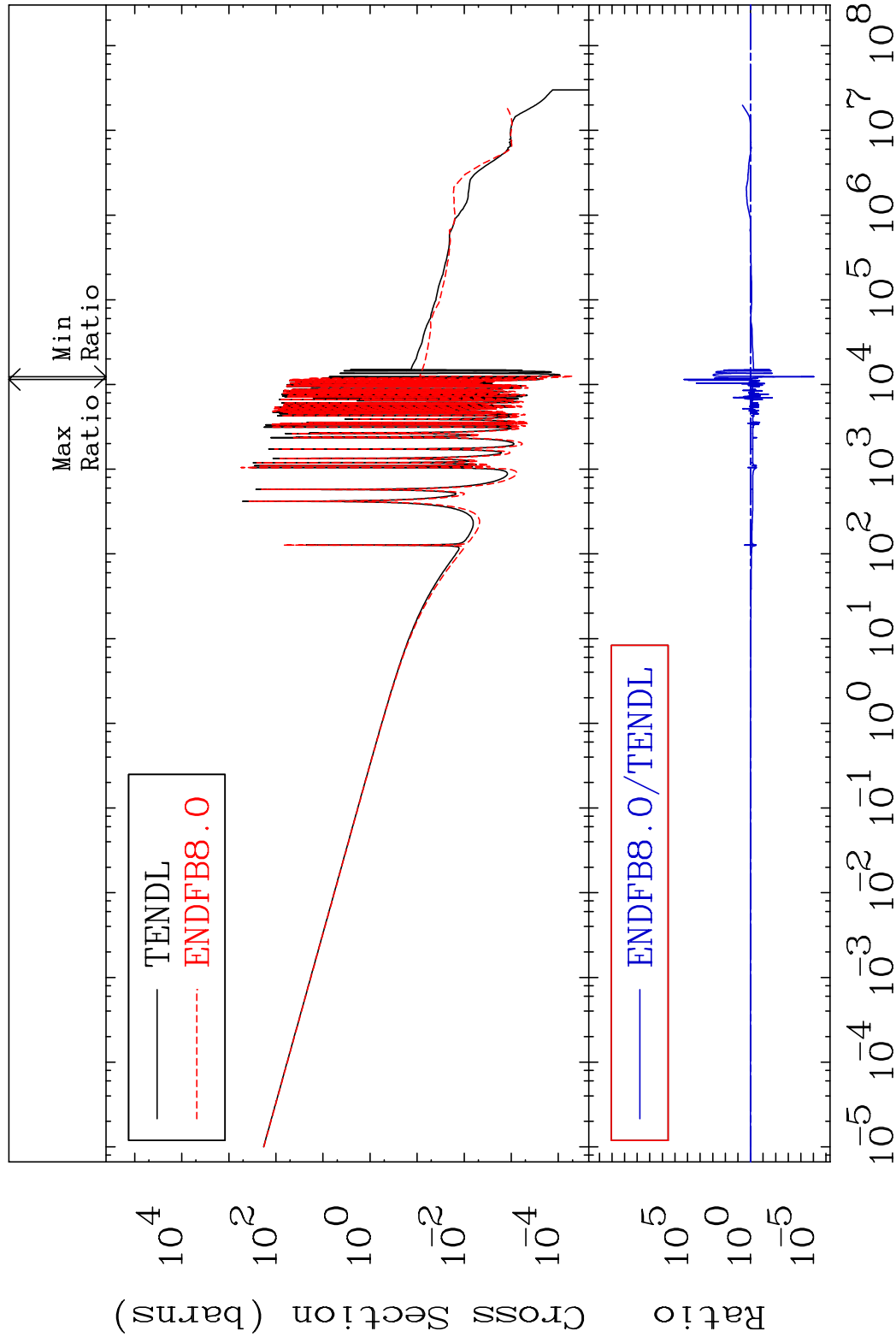


MAT 5646

(n, γ)

56-Ba-137

Cross Section -100.0 To 9999. %

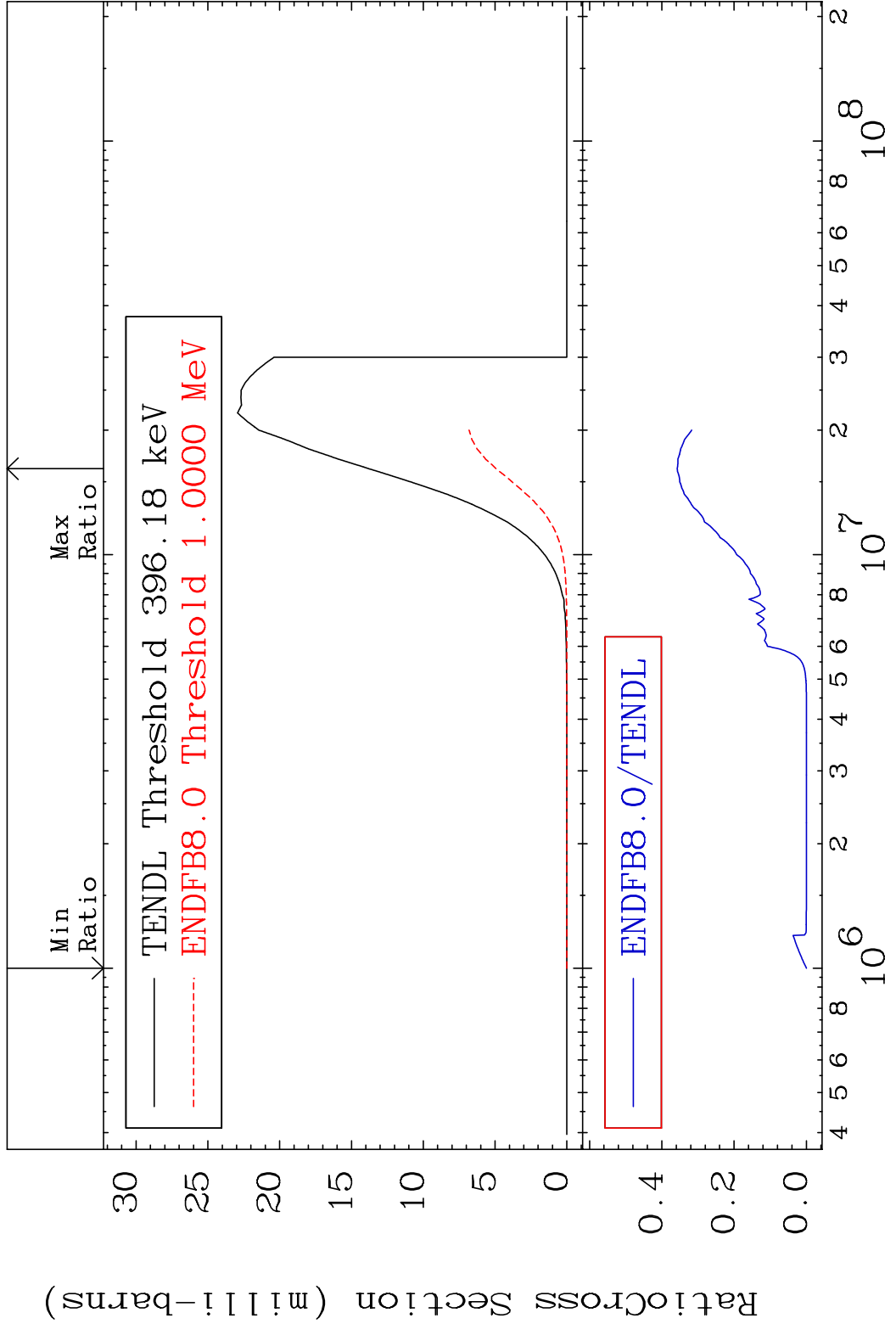


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Incident Energy (eV)

56-Ba-137

MAT 5646 (n, p) 56-Ba-137
 Cross Section -100.0 To -64.25%

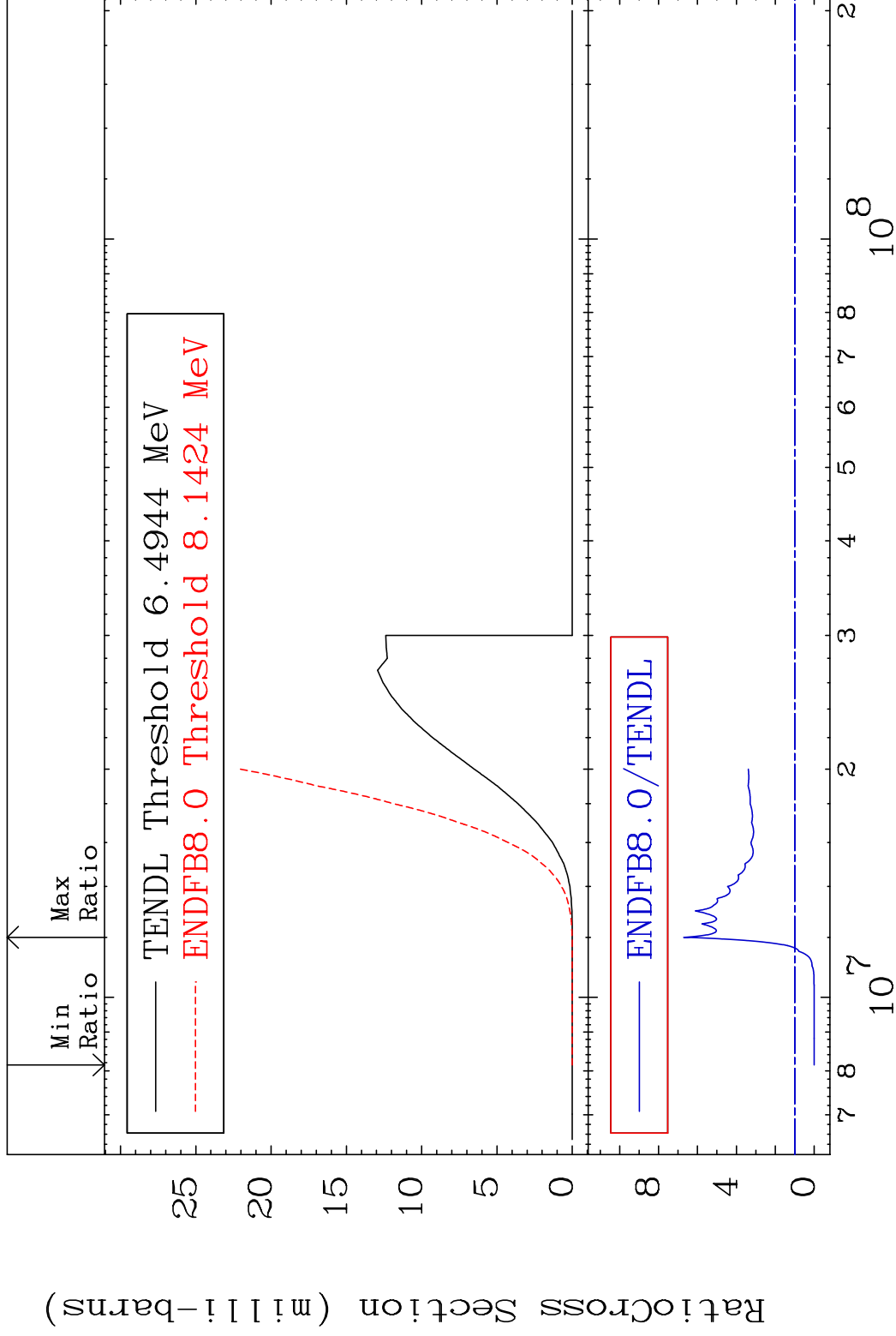


MAT 5646

(n, d)

56-Ba-137

Cross Section -100.0 To 571.2 %



20

Incident Energy (eV)

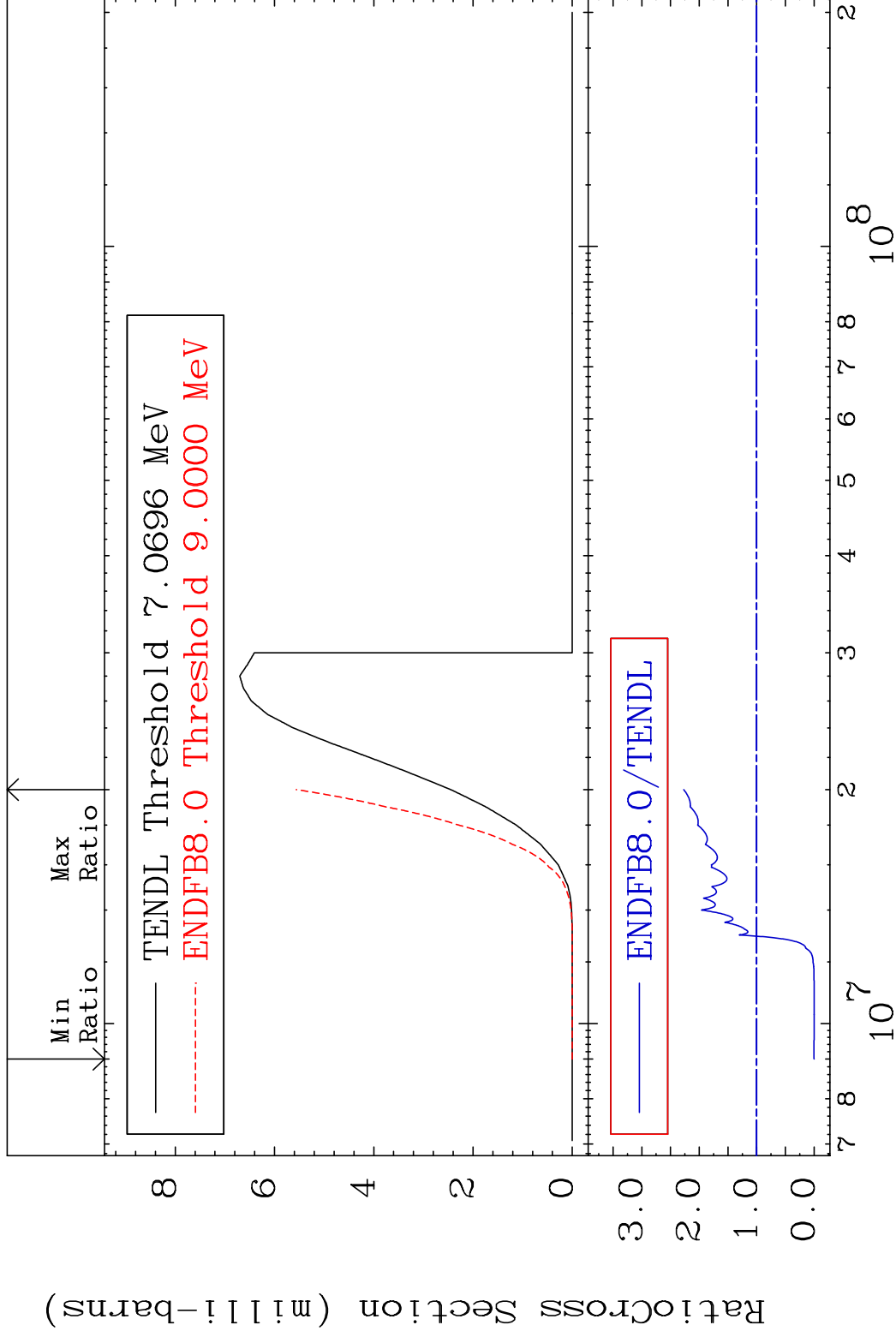
56-Ba-137

MAT 5646

(n, t)

56-Ba-137

Cross Section -100.0 To 127.1 %

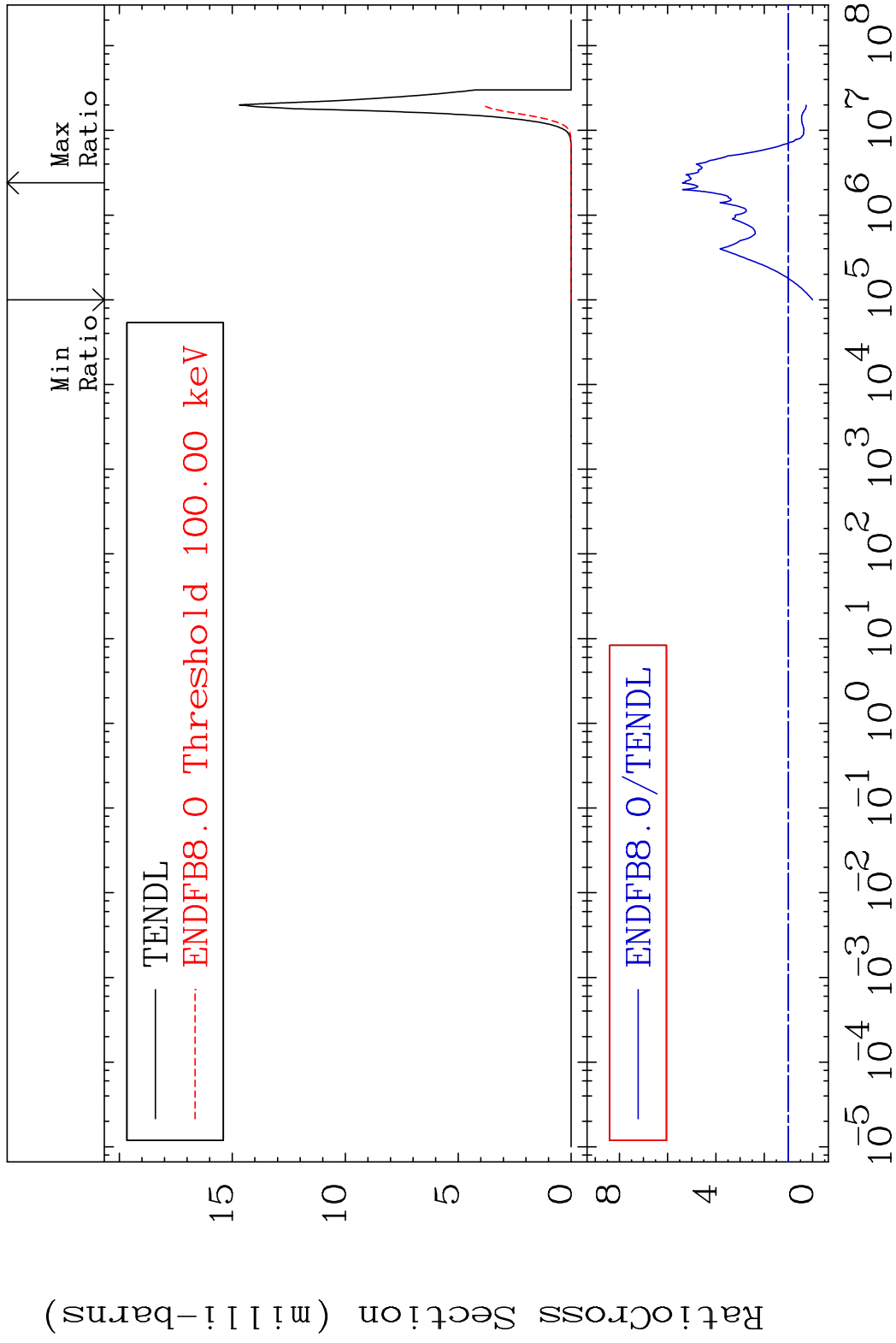


MAT 5646

(n, α)

56-Ba-137

Cross Section -100.0 To 439.1 %

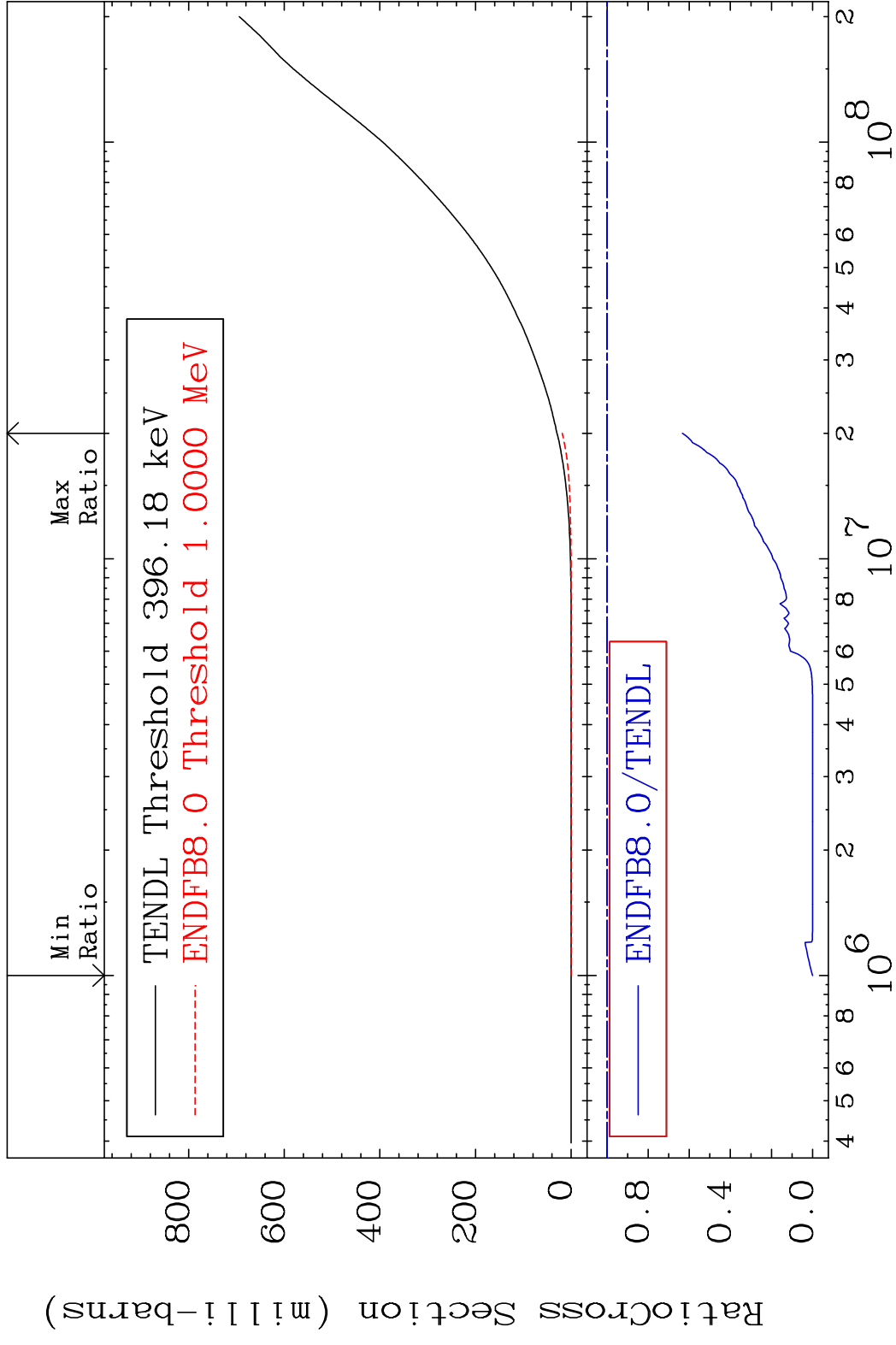


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Incident Energy (eV)

56-Ba-137

MAT 5646 Hydrogen Production 56-Ba-137
 Cross Section -100.0 To -36.62%

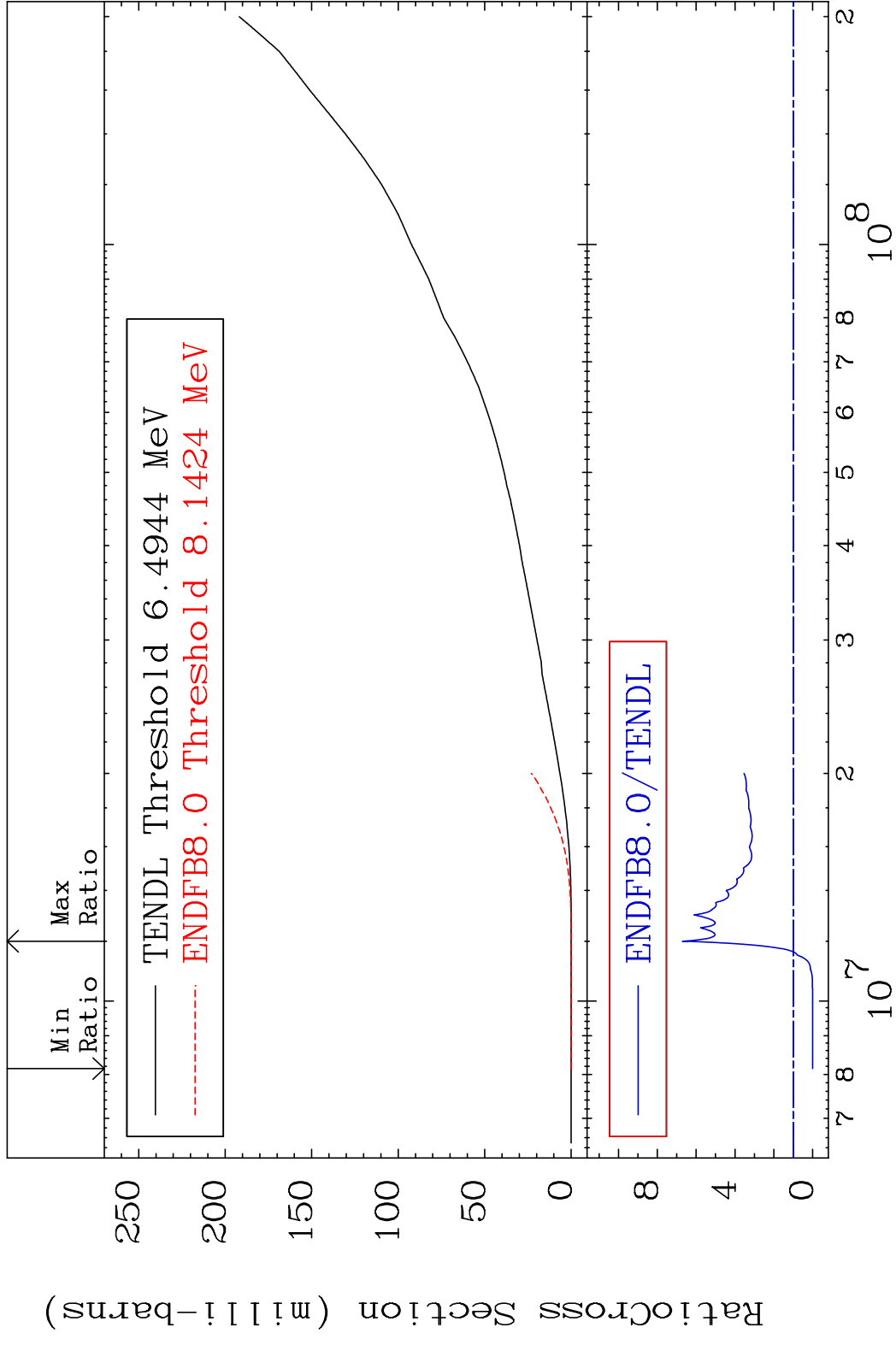


MAT 5646

Deuterium Production

56-Ba-137

Cross Section -100.0 To 571.2 %



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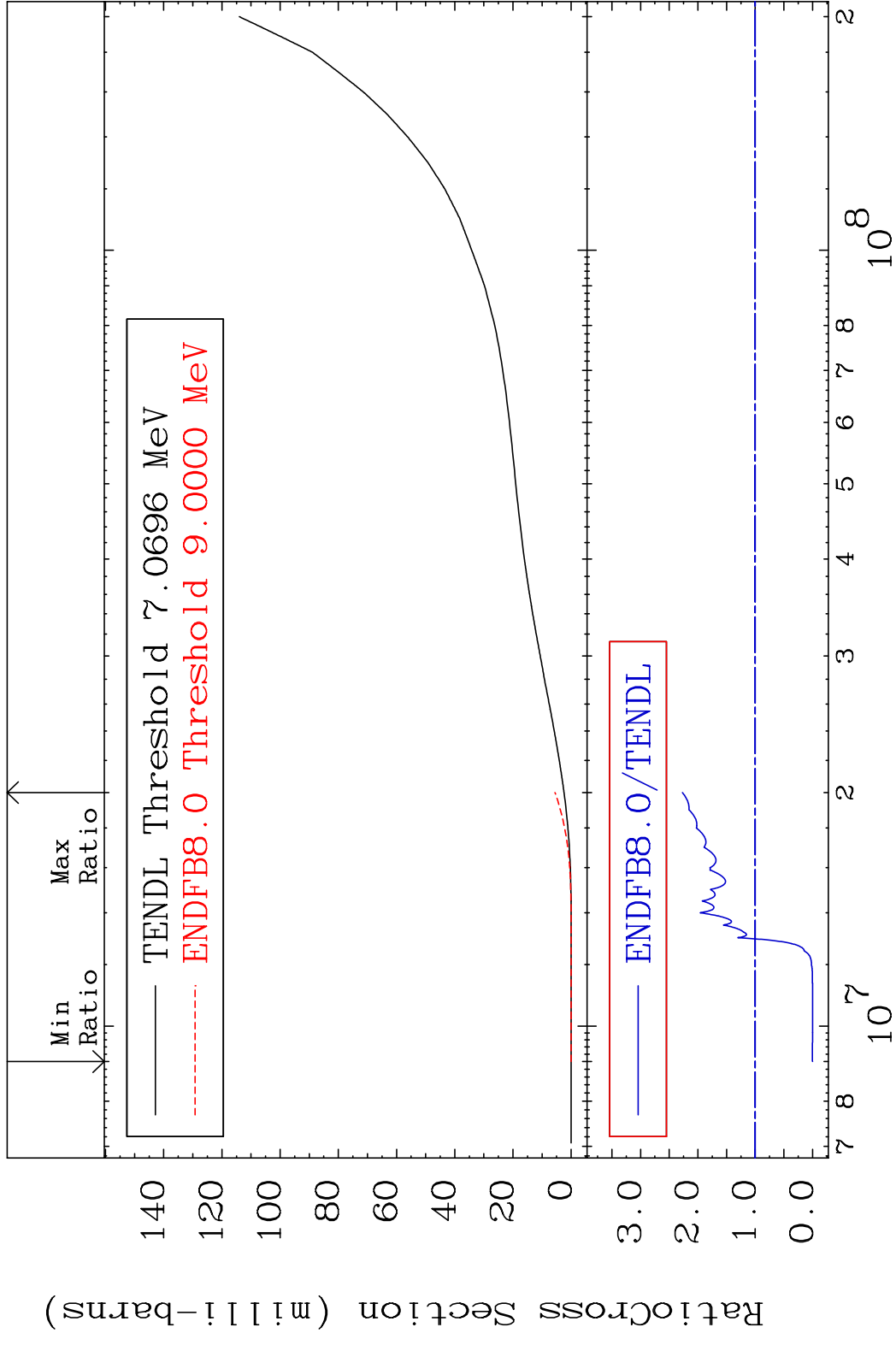
Incident Energy (eV)

56-Ba-137

MAT 5646

Tritium Production 56-Ba-137

Cross Section -100.0 To 127.1 %

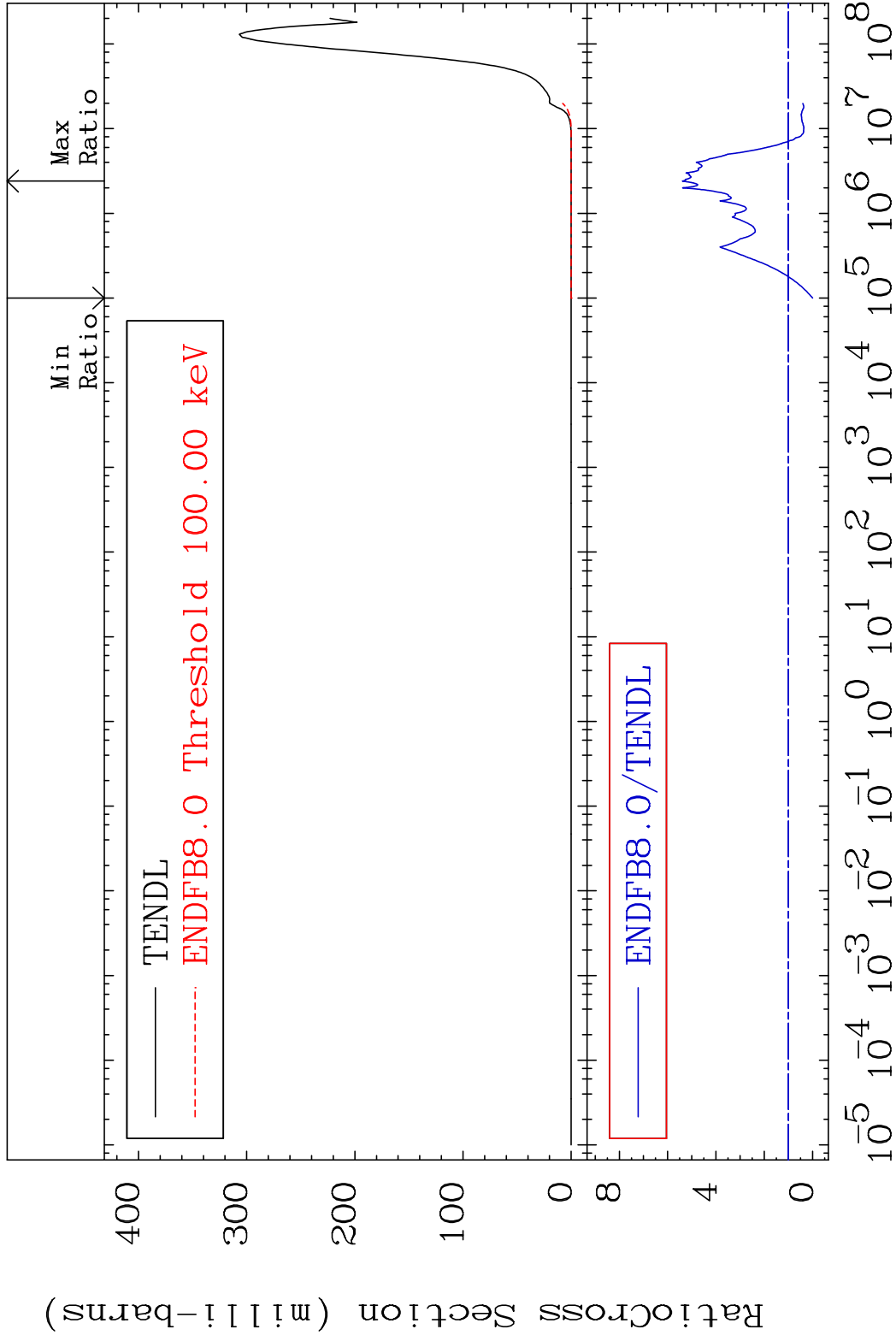


MAT 5646

He-4 Production

56-Ba-137

Cross Section -100.0 To 439.1 %

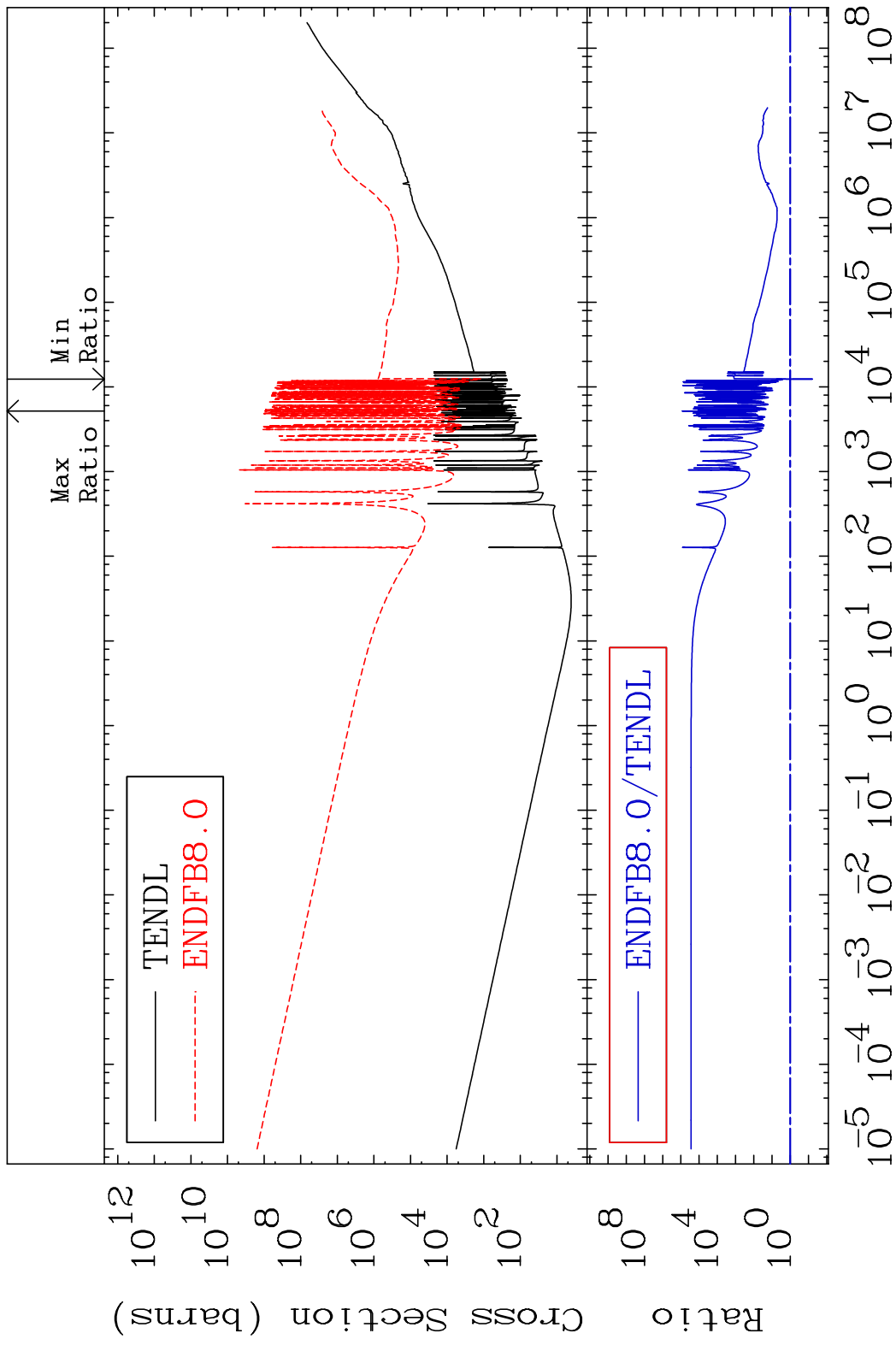


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Incident Energy (eV)

56-Ba-137

MAT 5646 Kerma total (eV-barns) 56-Ba-137
 Cross Section -93.93 To 9999. %

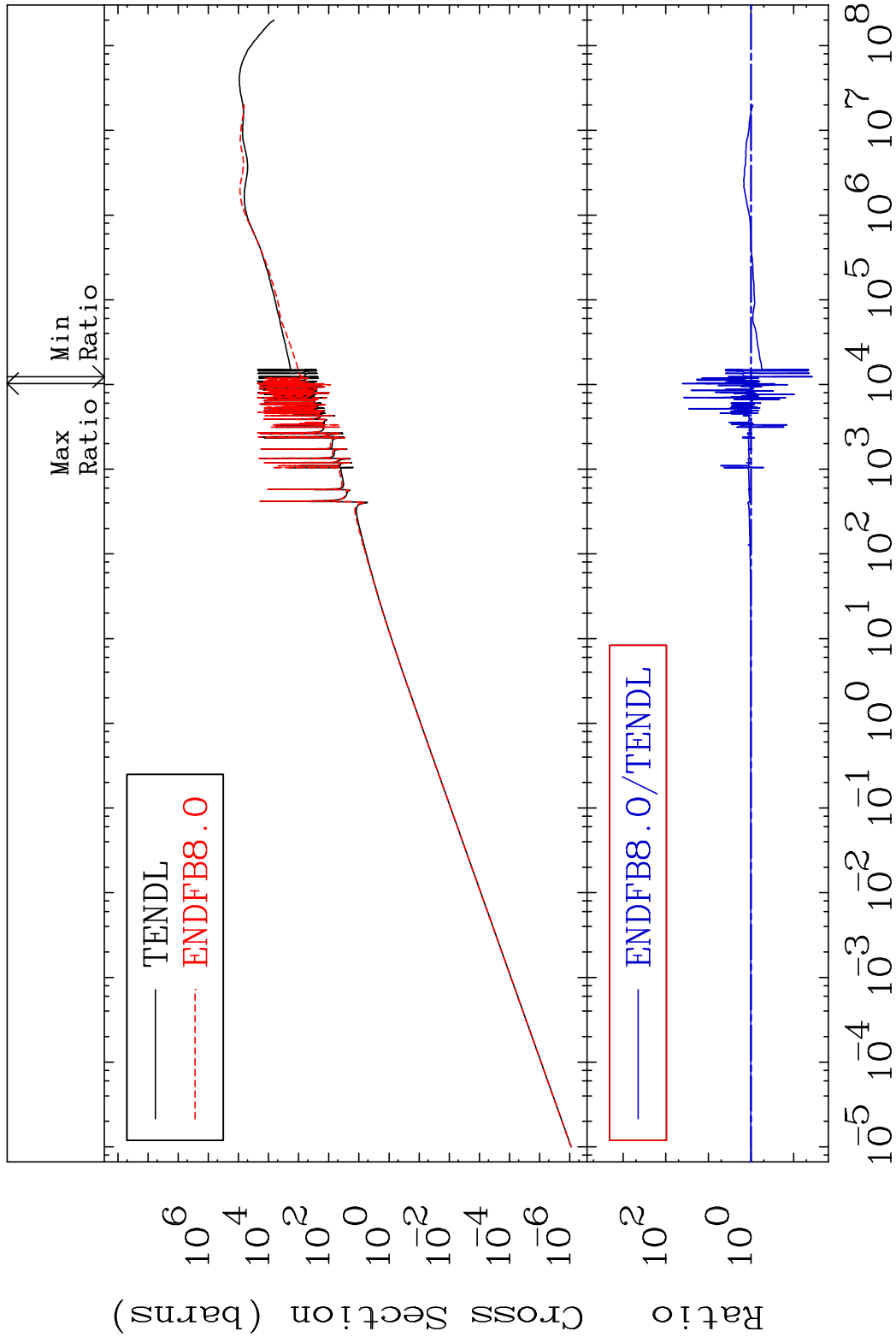


MAT 5646

Kerma elastic

56-Ba-137

Cross Section -96.40 To 3986. %

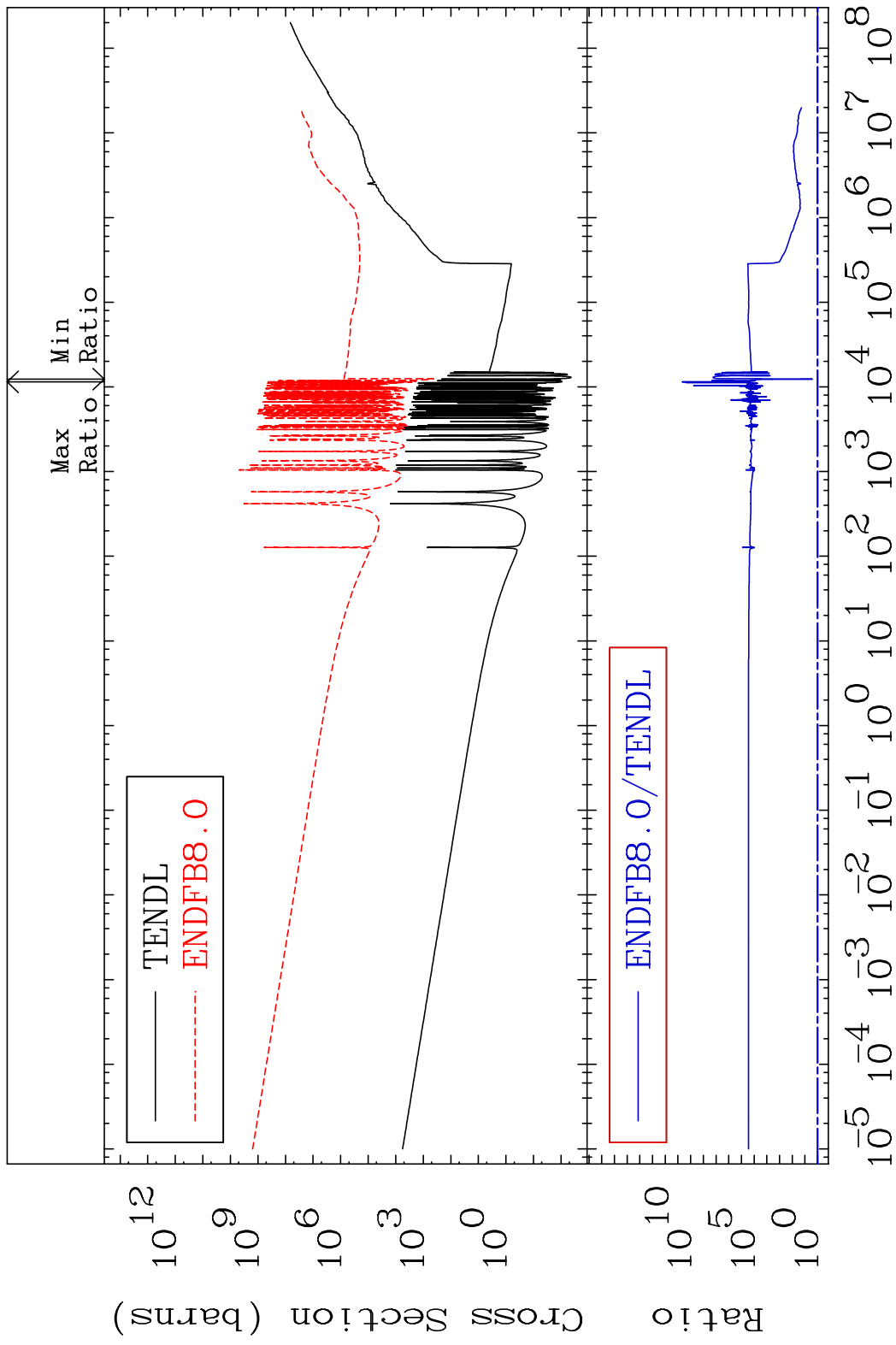


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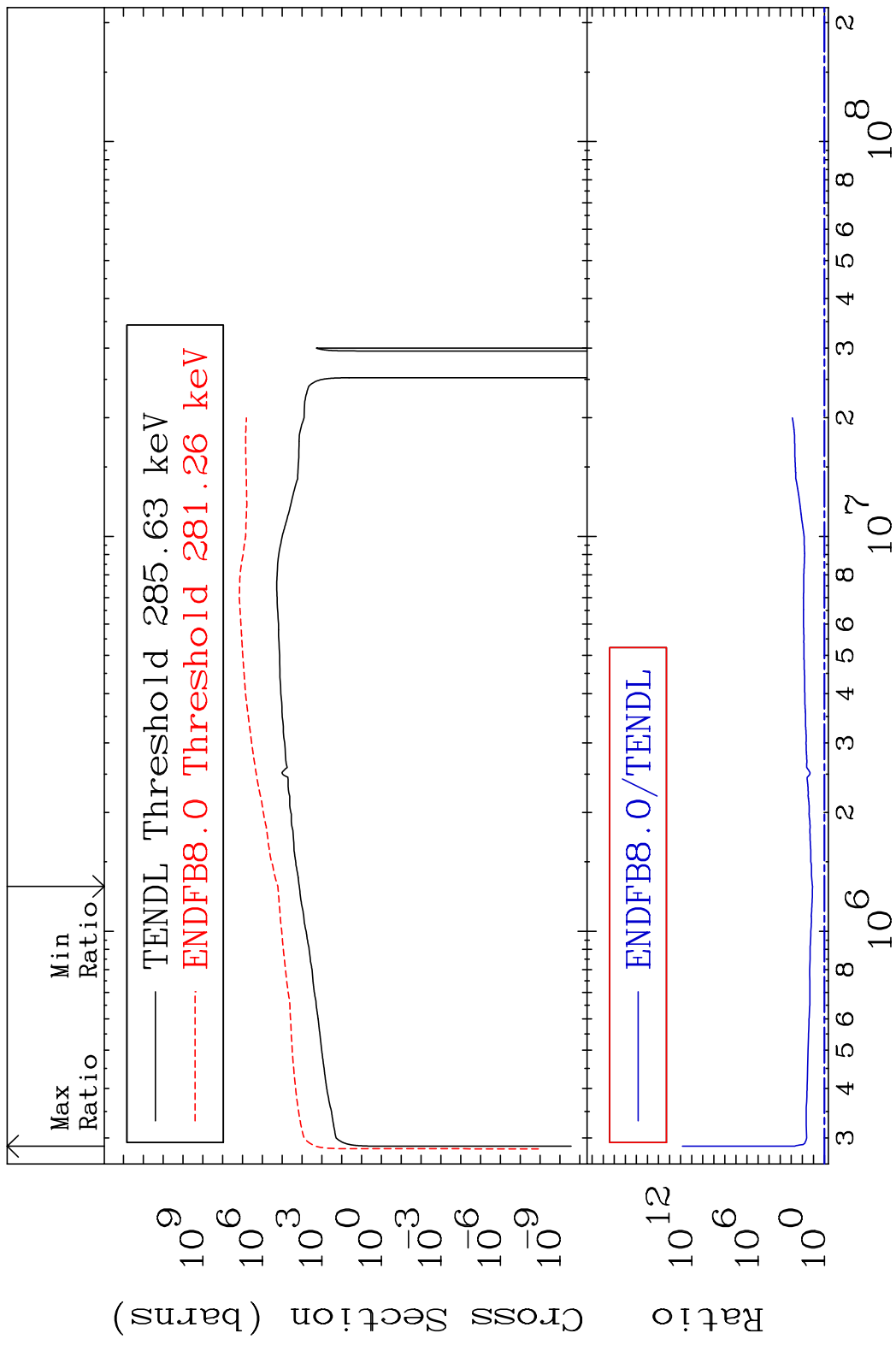
Incident Energy (eV)

56-Ba-137

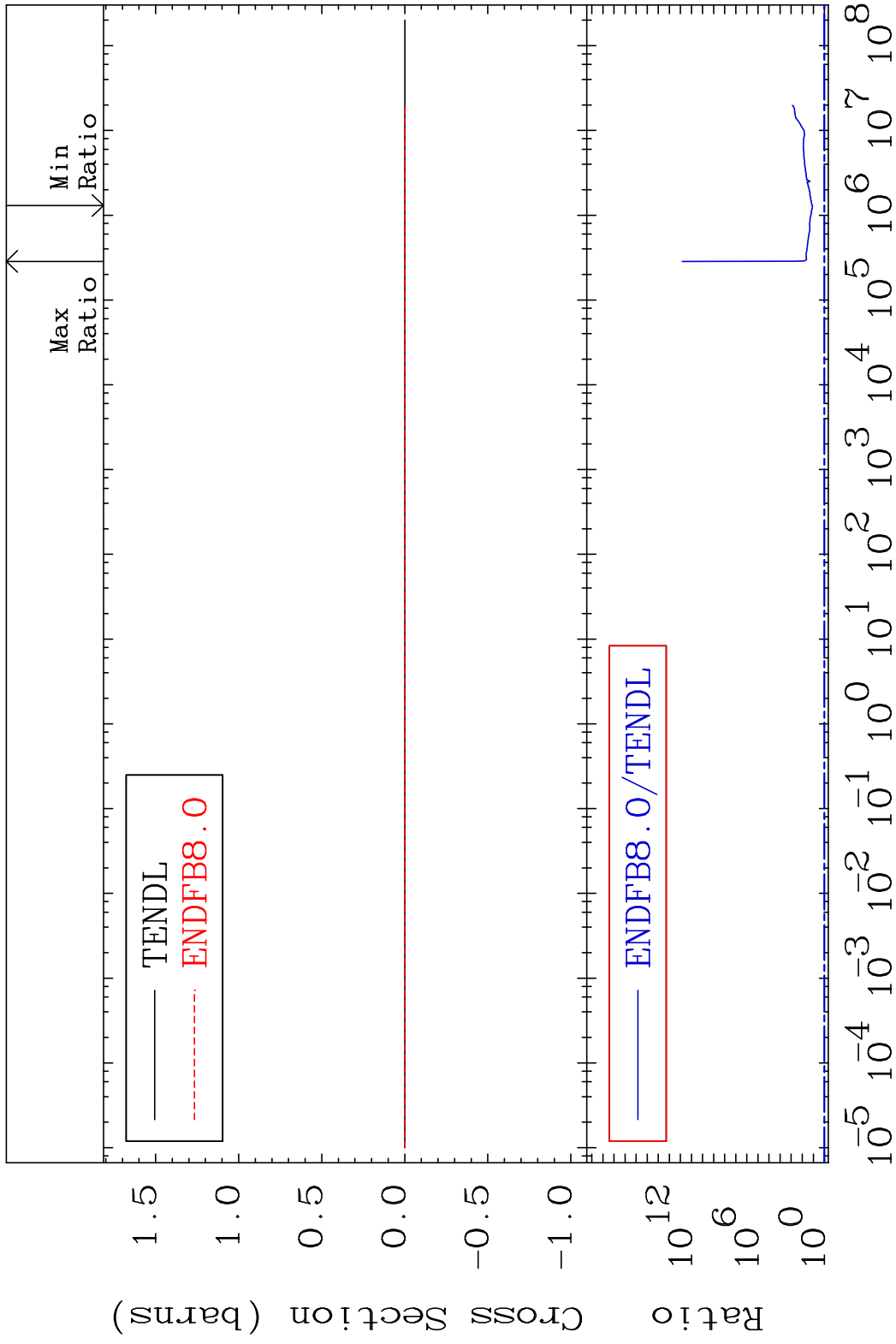
MAT 5646 Kerma non-elastic (all but mt2) 56-Ba-137
 Cross Section 152.3 To 9999. %



MAT 5646 Kerma inelastic (mt51-91) 56-Ba-137
 Cross Section 1093. To 9999. %



MAT 5646 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-137
 Cross Section 1093. To 9999. %

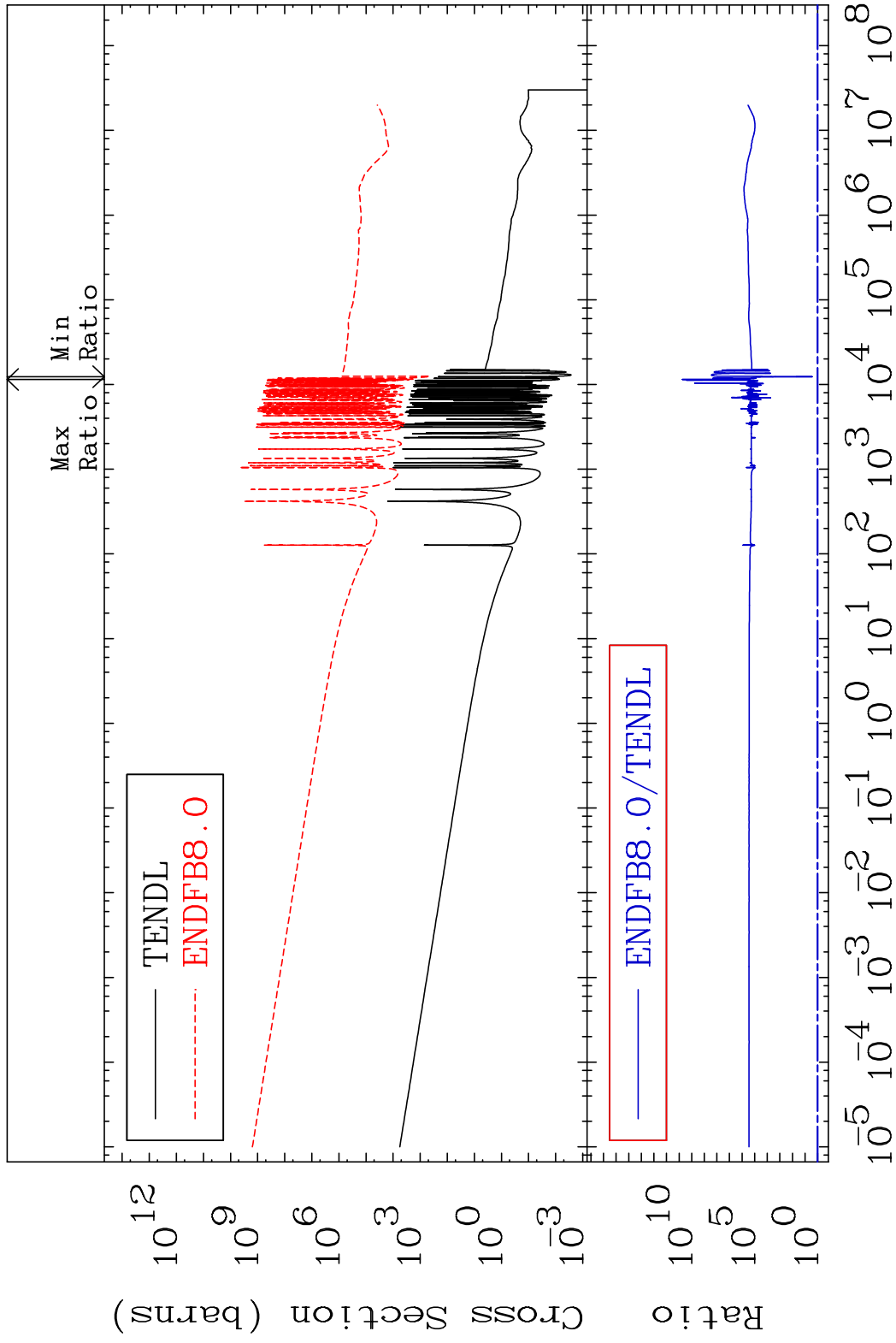


MAT 5646

Kerma capture (mt102)

56-Ba-137

Cross Section 152.3 To 9999. %

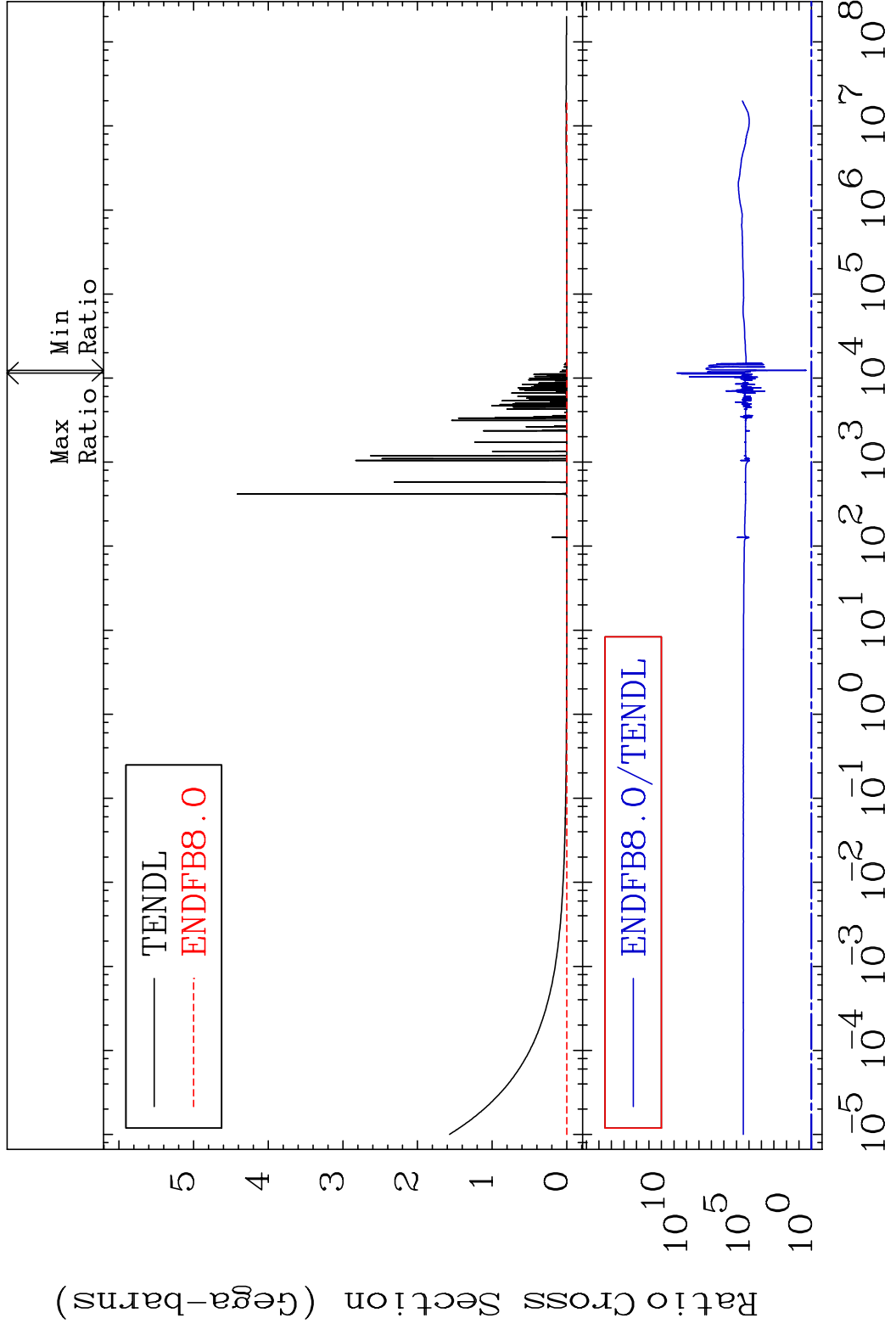


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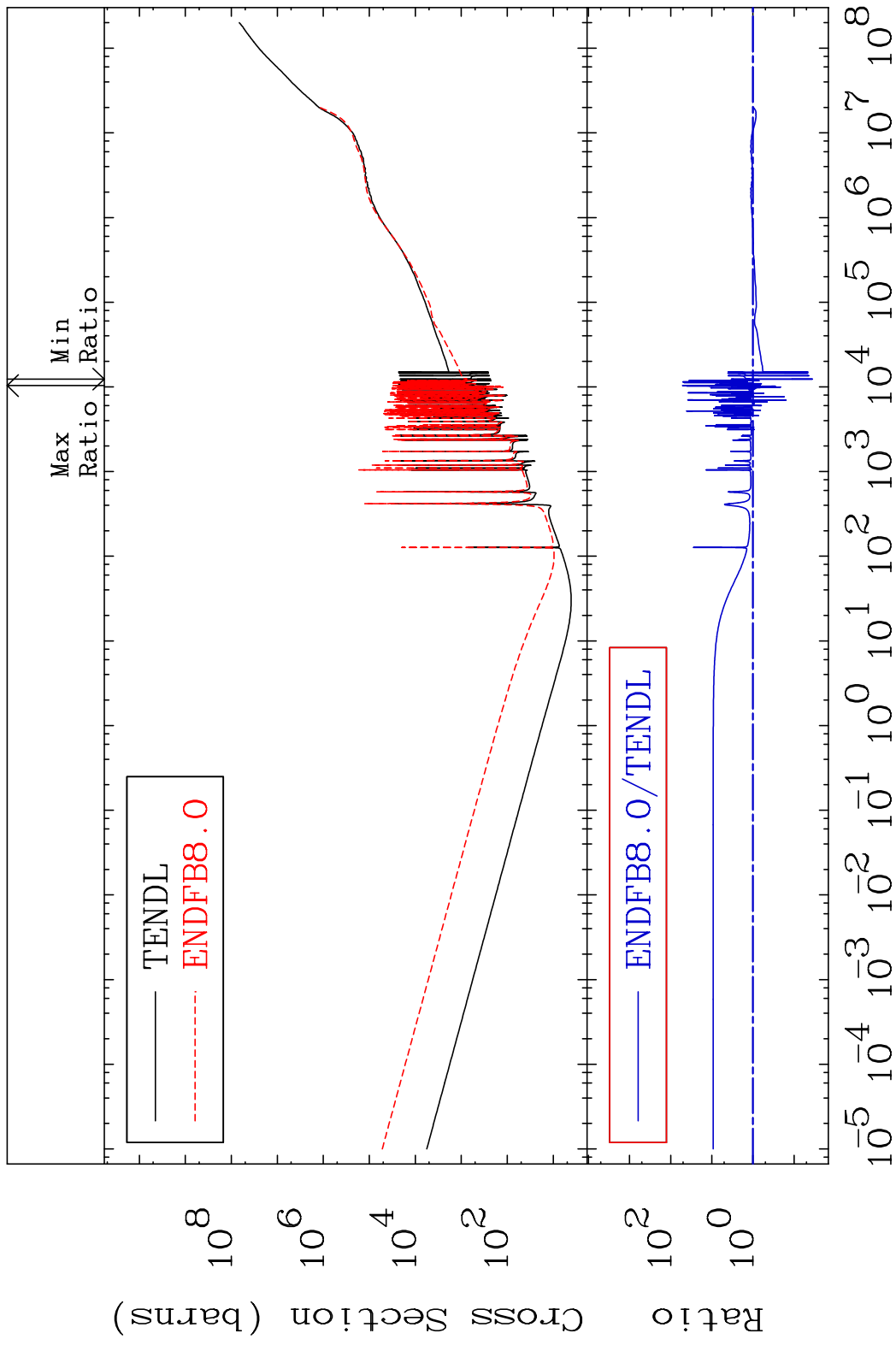
Incident Energy (eV)

56-Ba-137

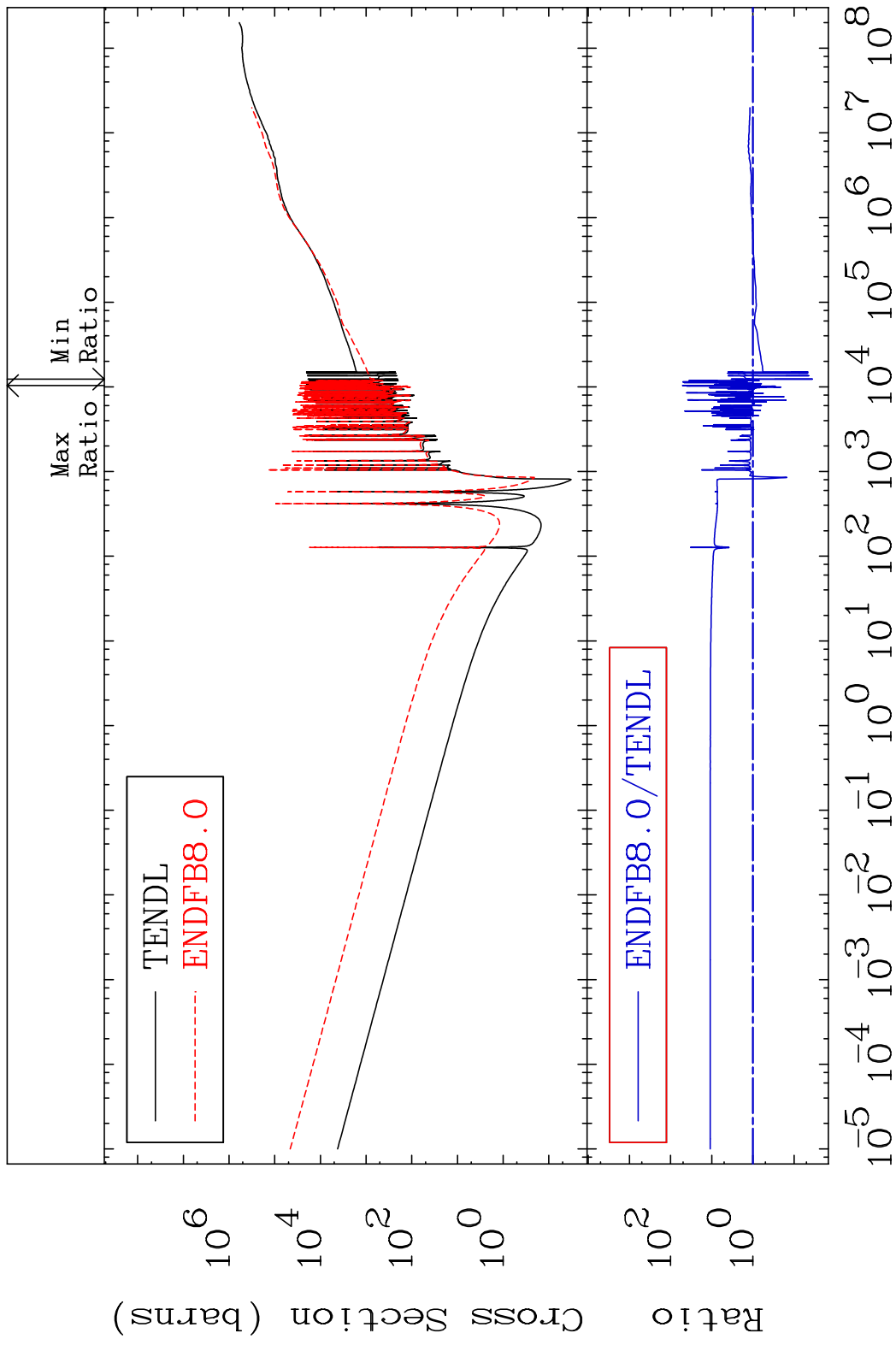
MAT 5646 Total photon (eV-barns) 56-Ba-137
 Cross Section 152.3 To 9999. %



MAT 5646 Total kinematic kerma (high limit) 56-Ba-137
 Cross Section -96.44 To 5095. %



MAT 5646 Dpa total (eV-barns) 56-Ba-137
 Cross Section -96.43 To 5074. %

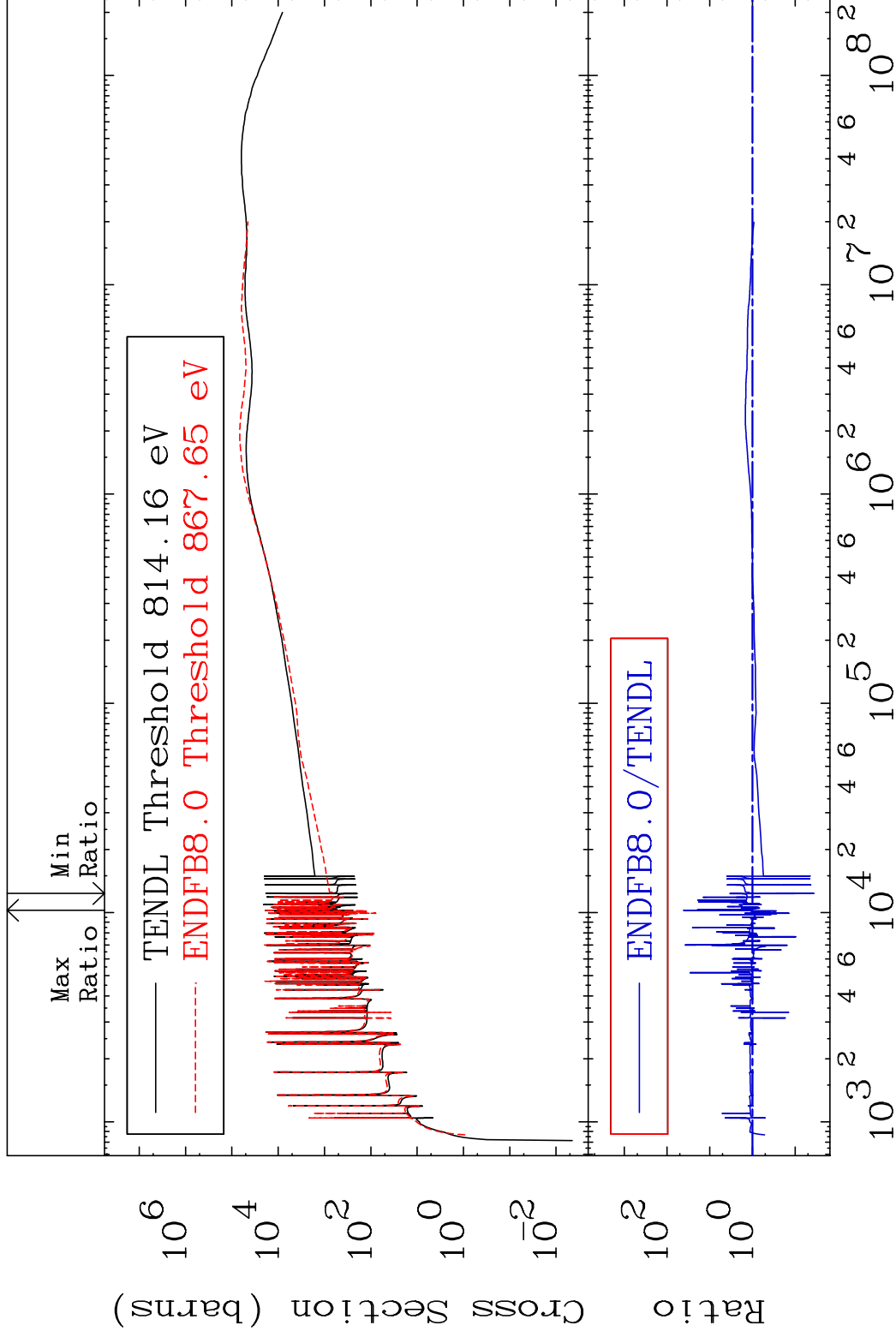


MAT 5646

Dpa elastic (mt2)

56-Ba-137

Cross Section -96.40 To 3985. %

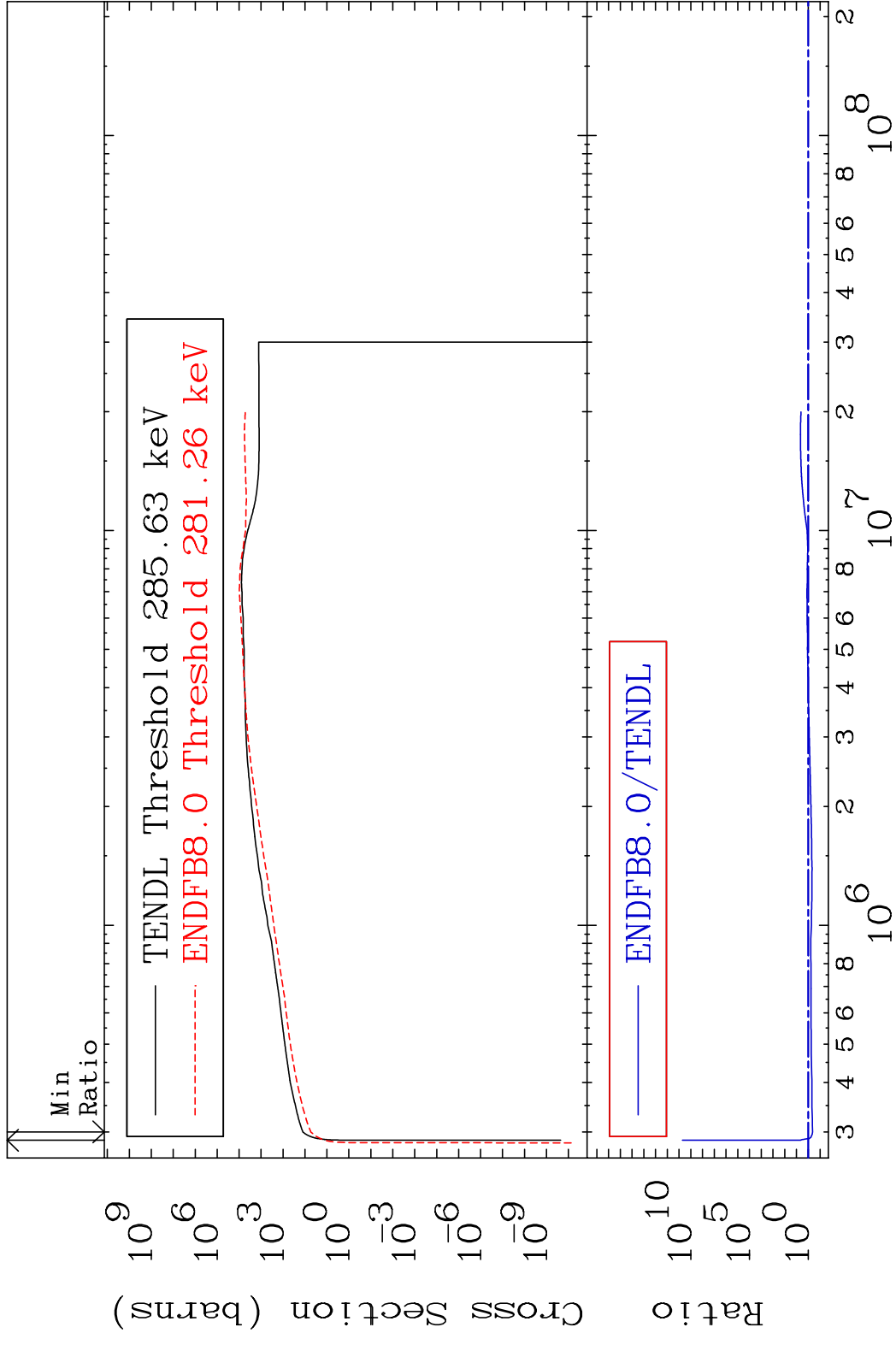


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Incident Energy (eV)

56-Ba-137

MAT 5646 Dpa inelastic (mt51-91) 56-Ba-137
 Cross Section -56.79 To 9999. %



MAT 5646 Dpa disappearance (mt102 -120) 56-Ba-137
 Cross Section -99.99 To 9999. %

