

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

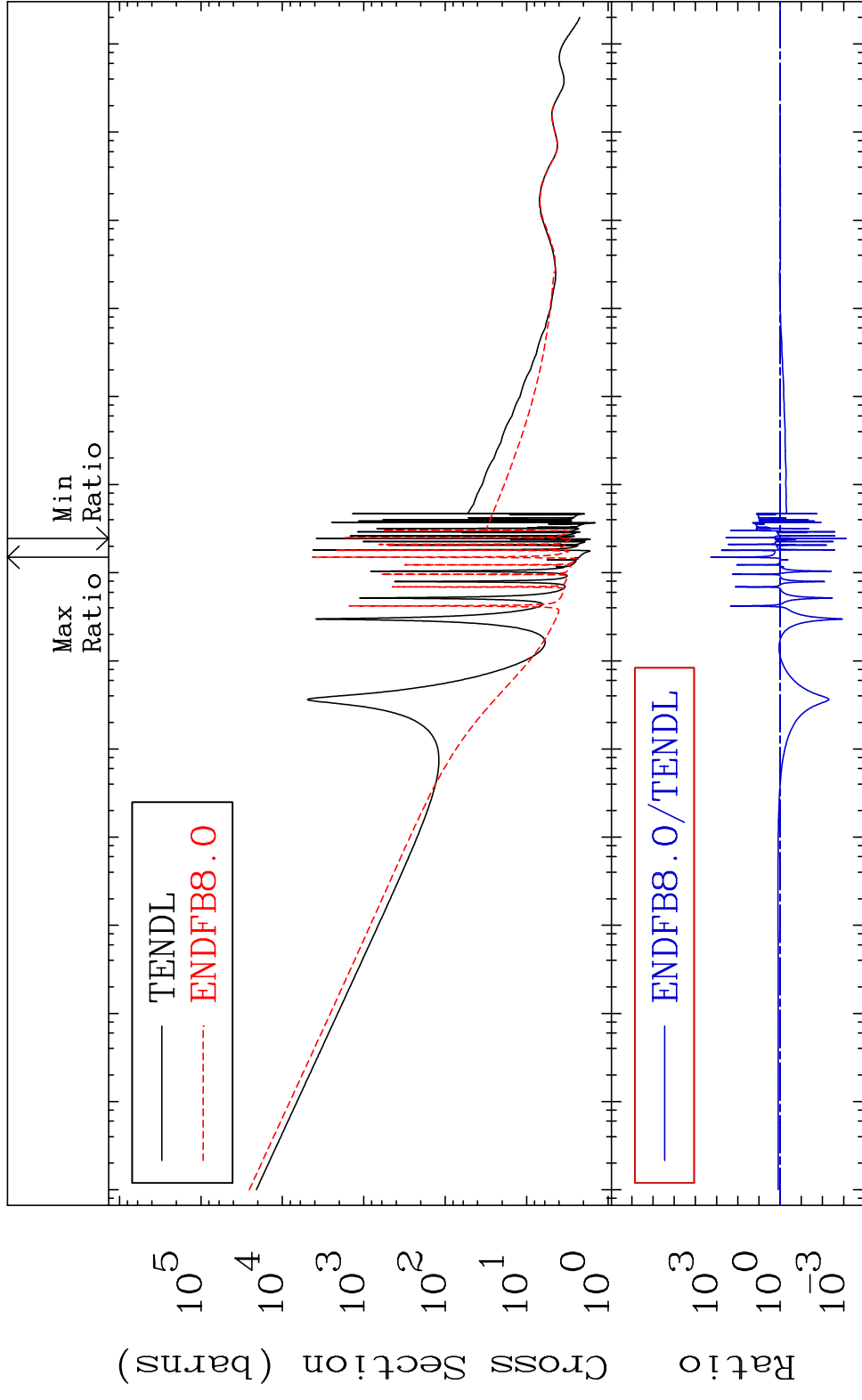
MAT 5834

Total

58-Ce-139

Cross Section

-99.93 To 9999. %



1

Incident Energy (eV)

58-Ce-139

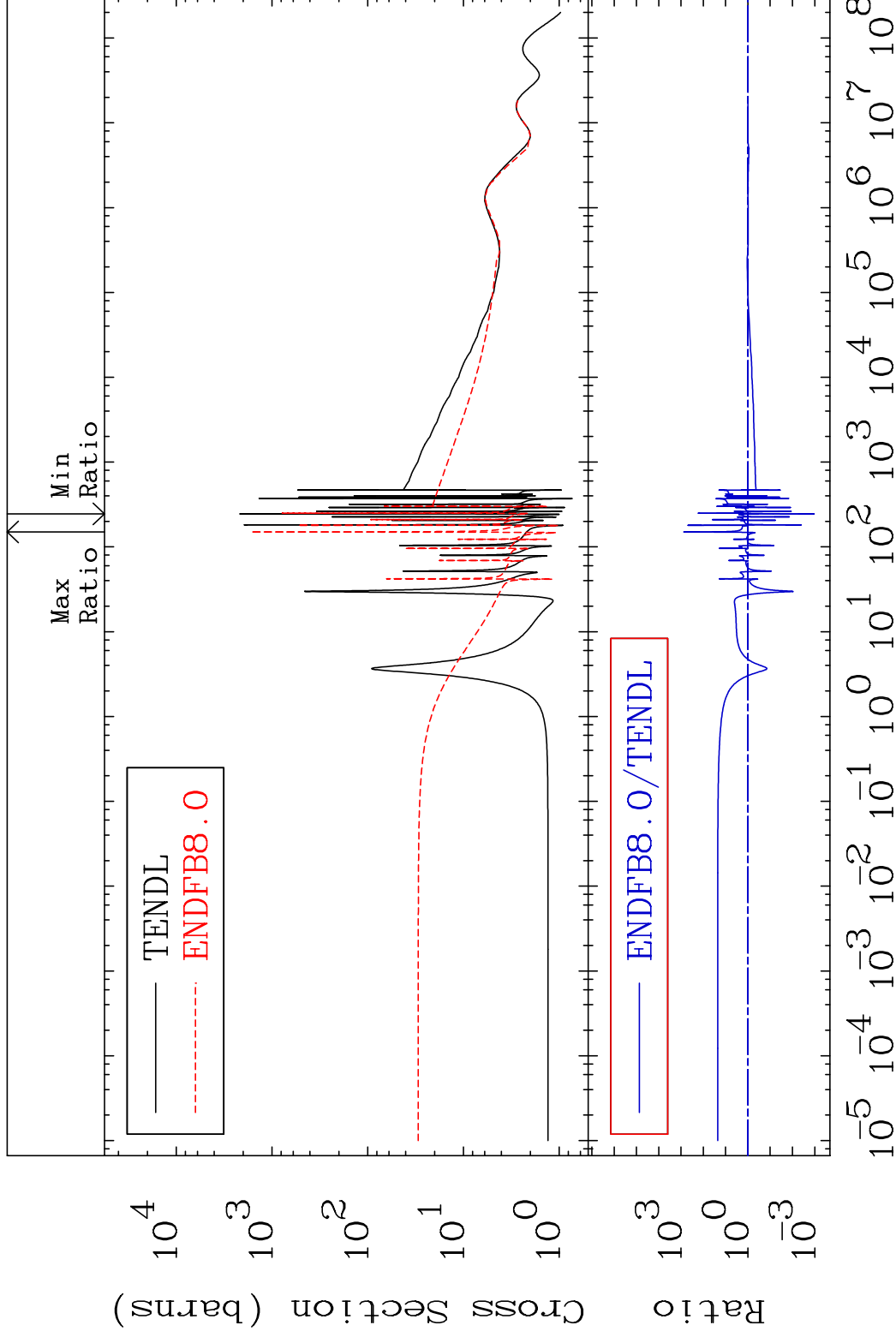
MAT 5834

Elastic

58-Ce-139

Cross Section

-99.89 To 9999. %

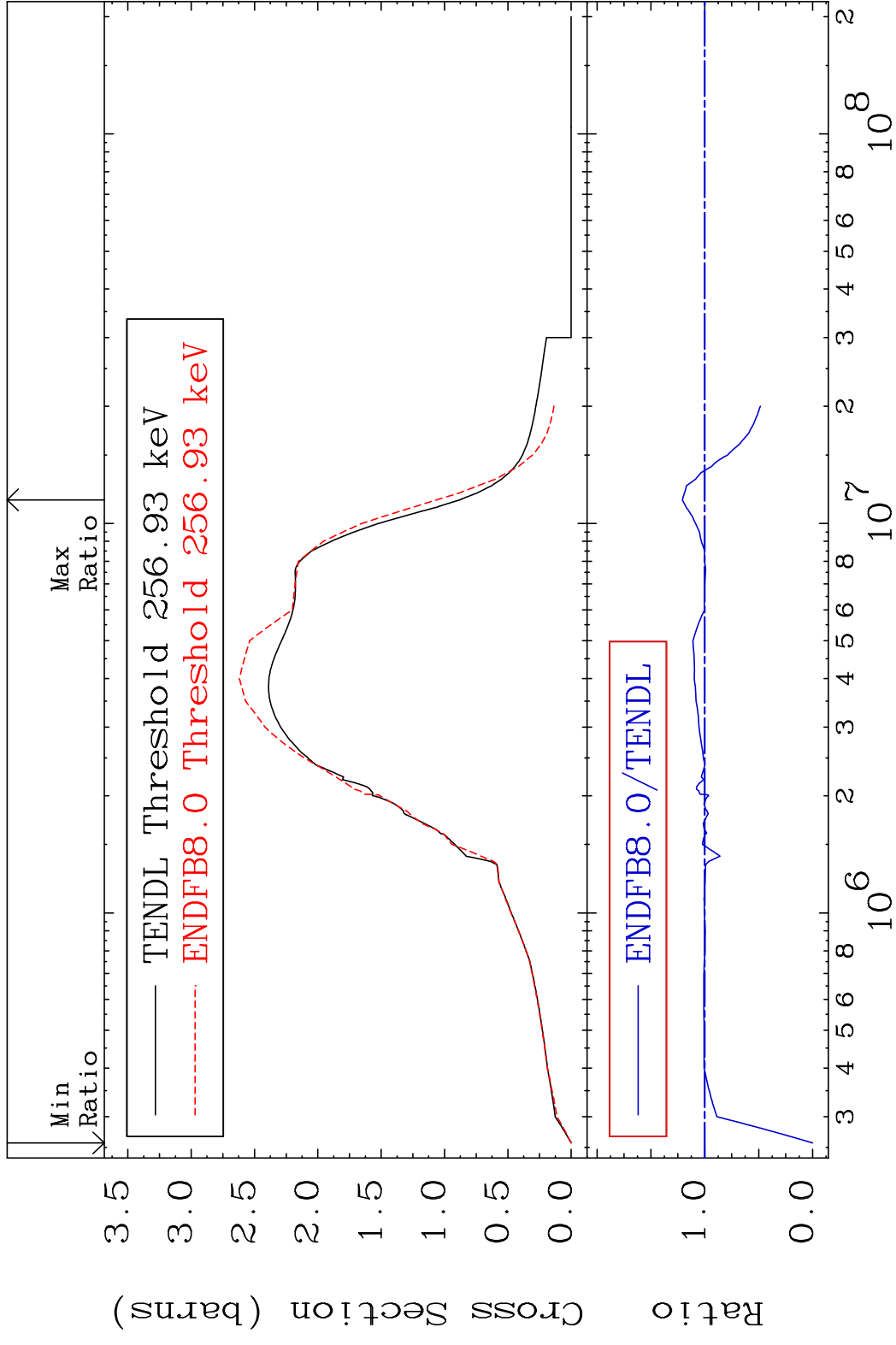


2

Incident Energy (eV)

58-Ce-139

MAT 5834 Inelastic Cross Section -100.0 To 20.83 % 58-Ce-139

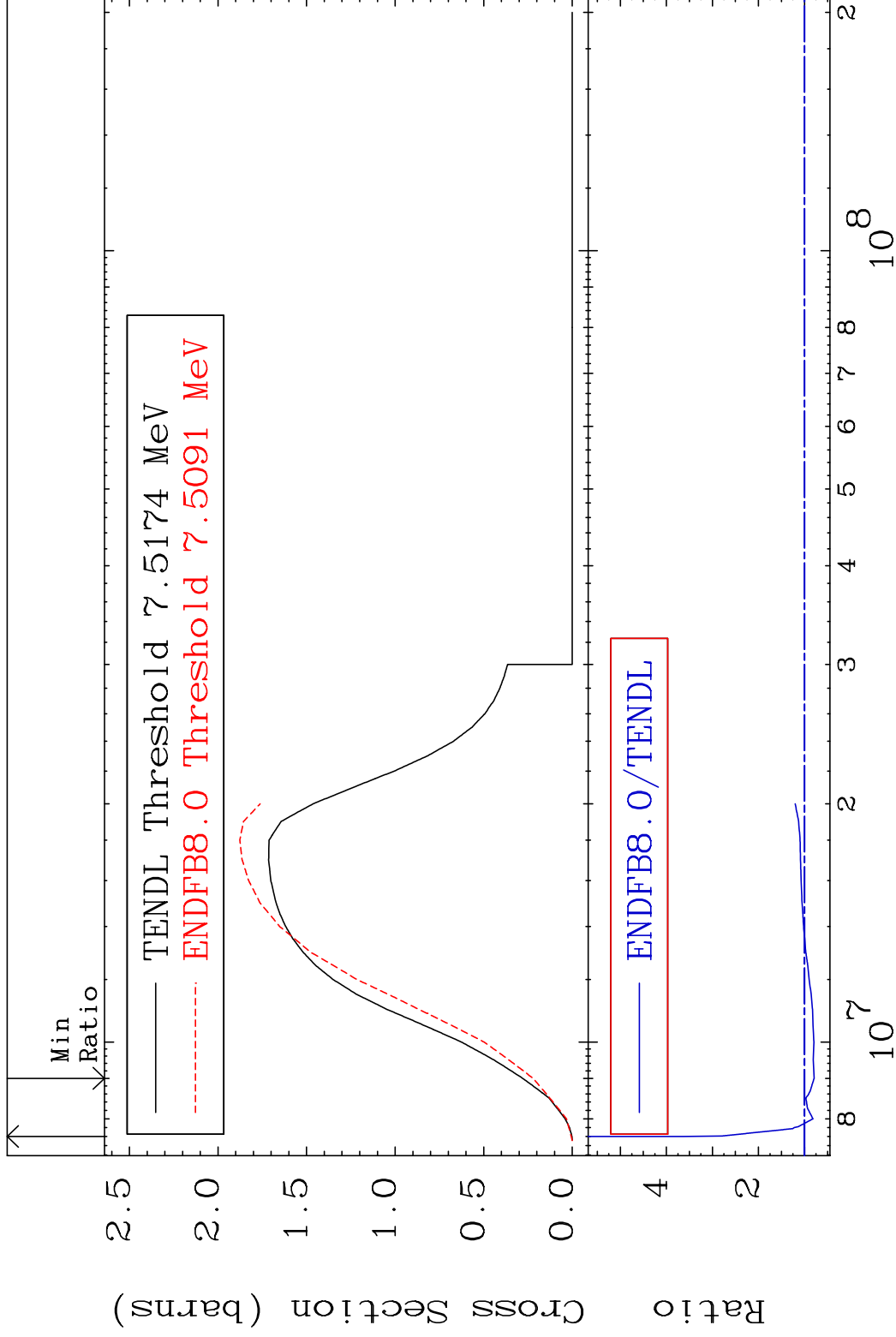


MAT 5834

(n,2n)

58-Ce-139

Cross Section -20.83 To 262.4 %



4

Incident Energy (eV)

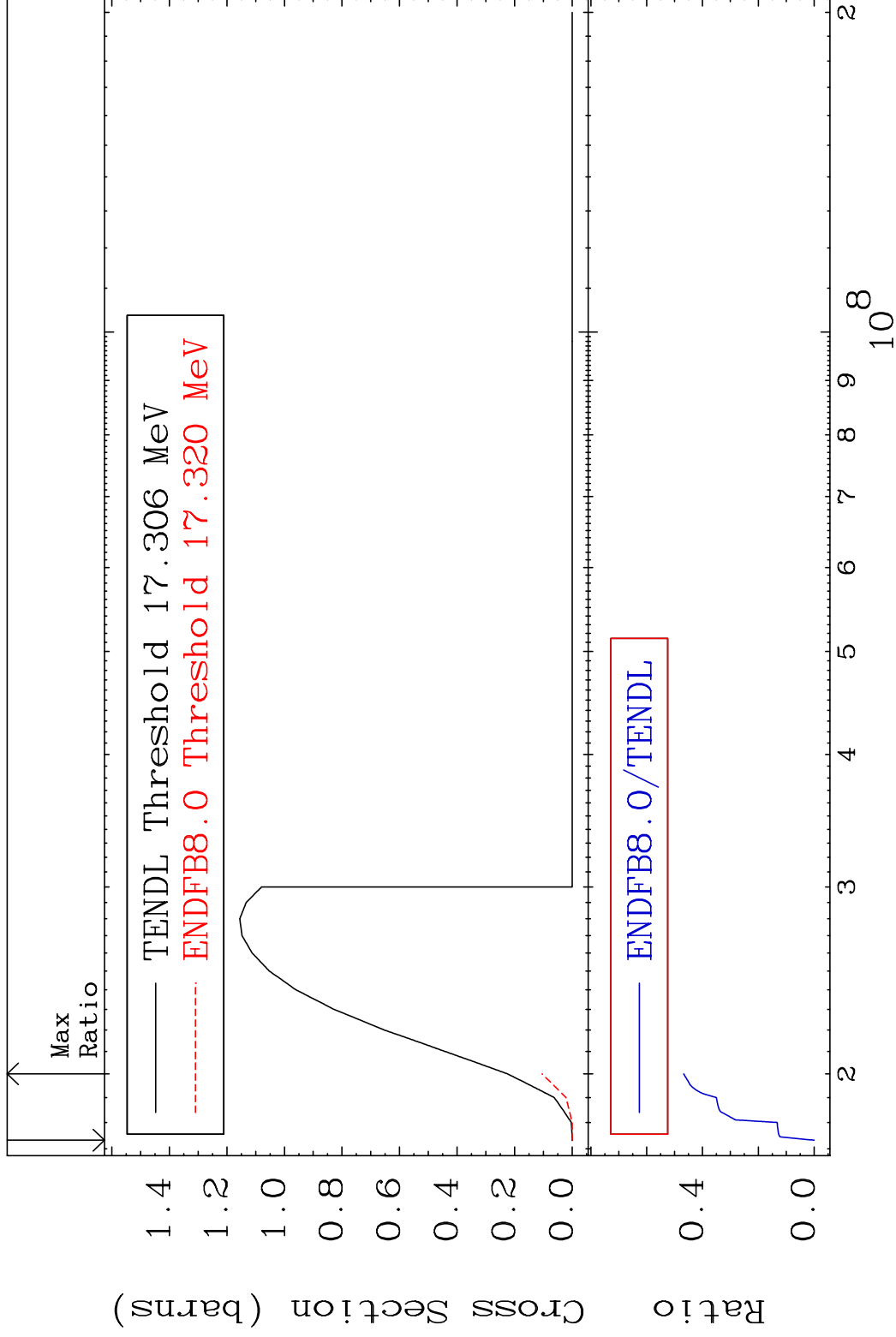
58-Ce-139

MAT 5834

(n,3n)

58-Ce-139

Cross Section -100.0 To -53.25%

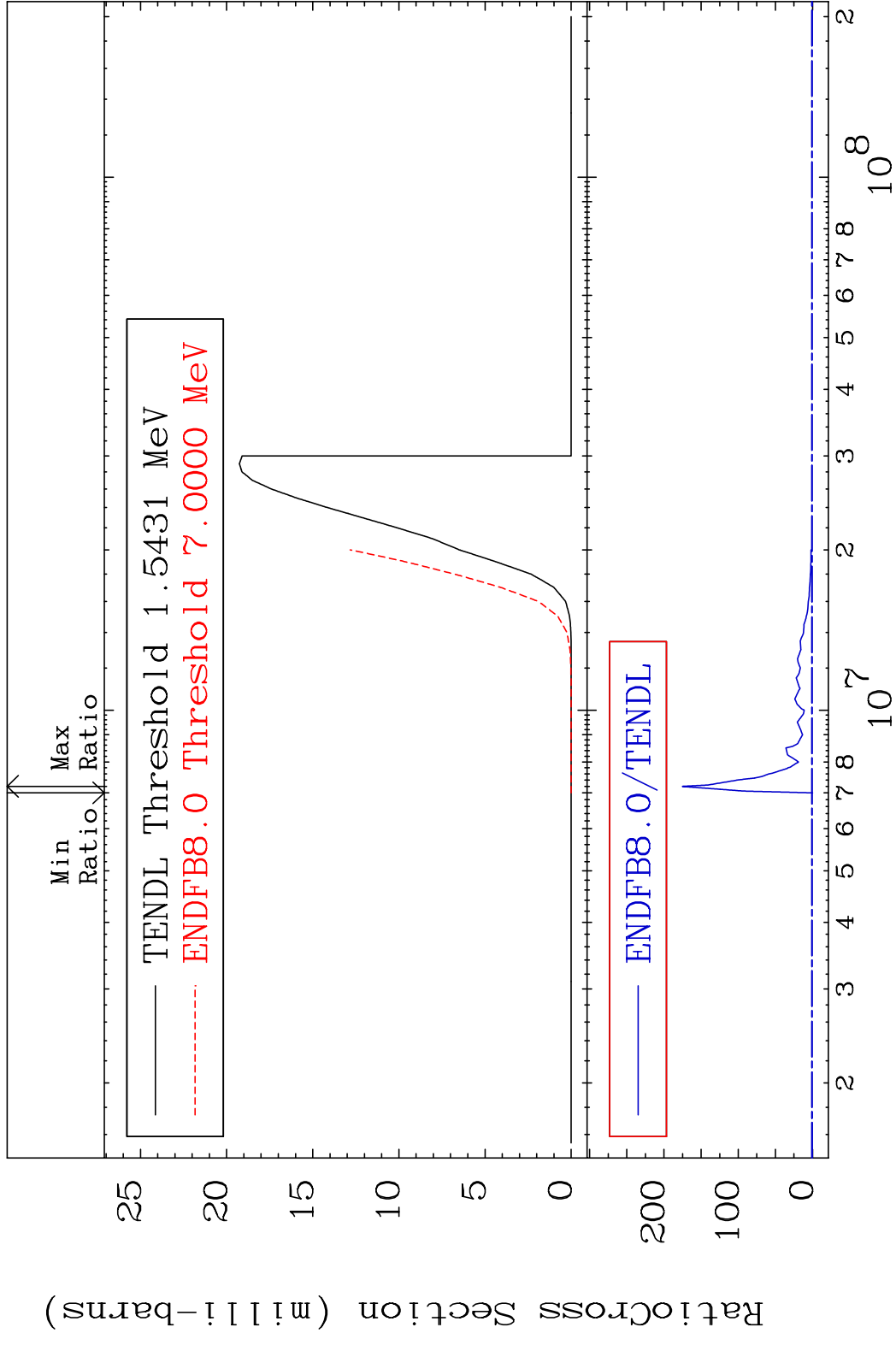


5

Incident Energy (eV)

58-Ce-139

MAT 5834 (n, n') α 58-Ce-139
 Cross Section -100.0 To 9999. %

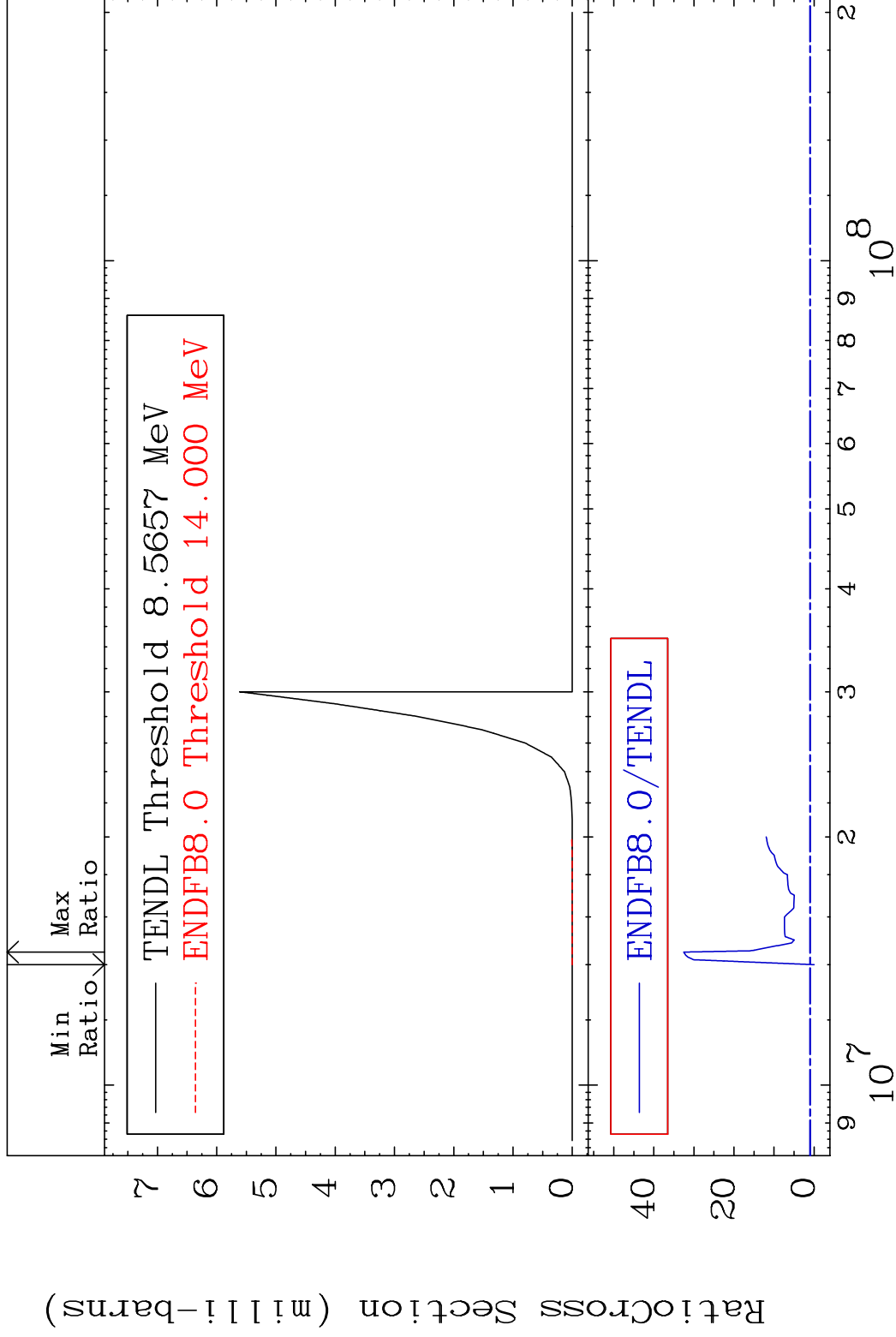


MAT 5834

(n,2n) α

58-Ce-139

Cross Section -100.0 To 3156. %



7

Incident Energy (eV)

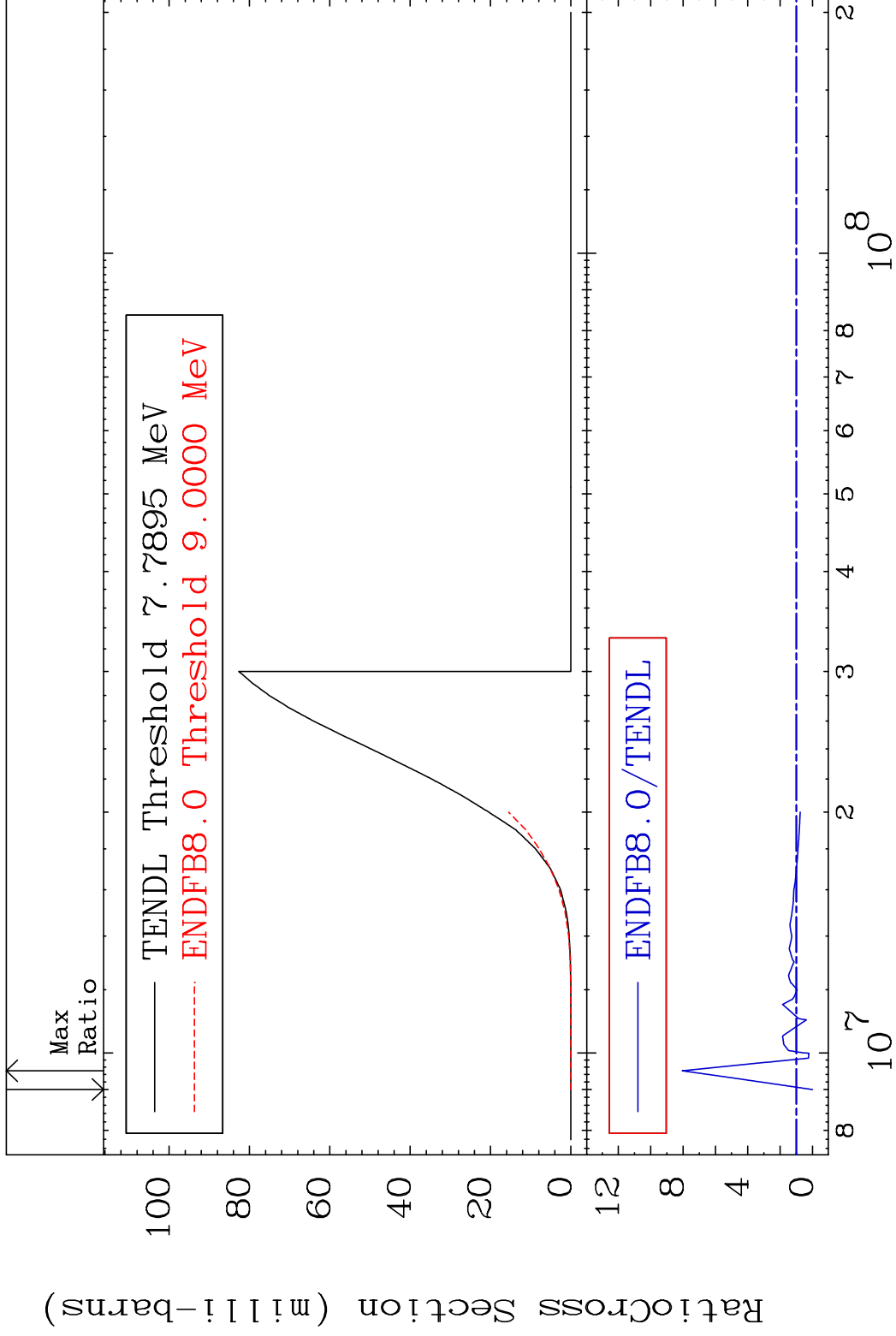
58-Ce-139

MAT 5834

(n, n') p

58-Ce-139

Cross Section -100.0 To 705.7 %



8

Incident Energy (eV)

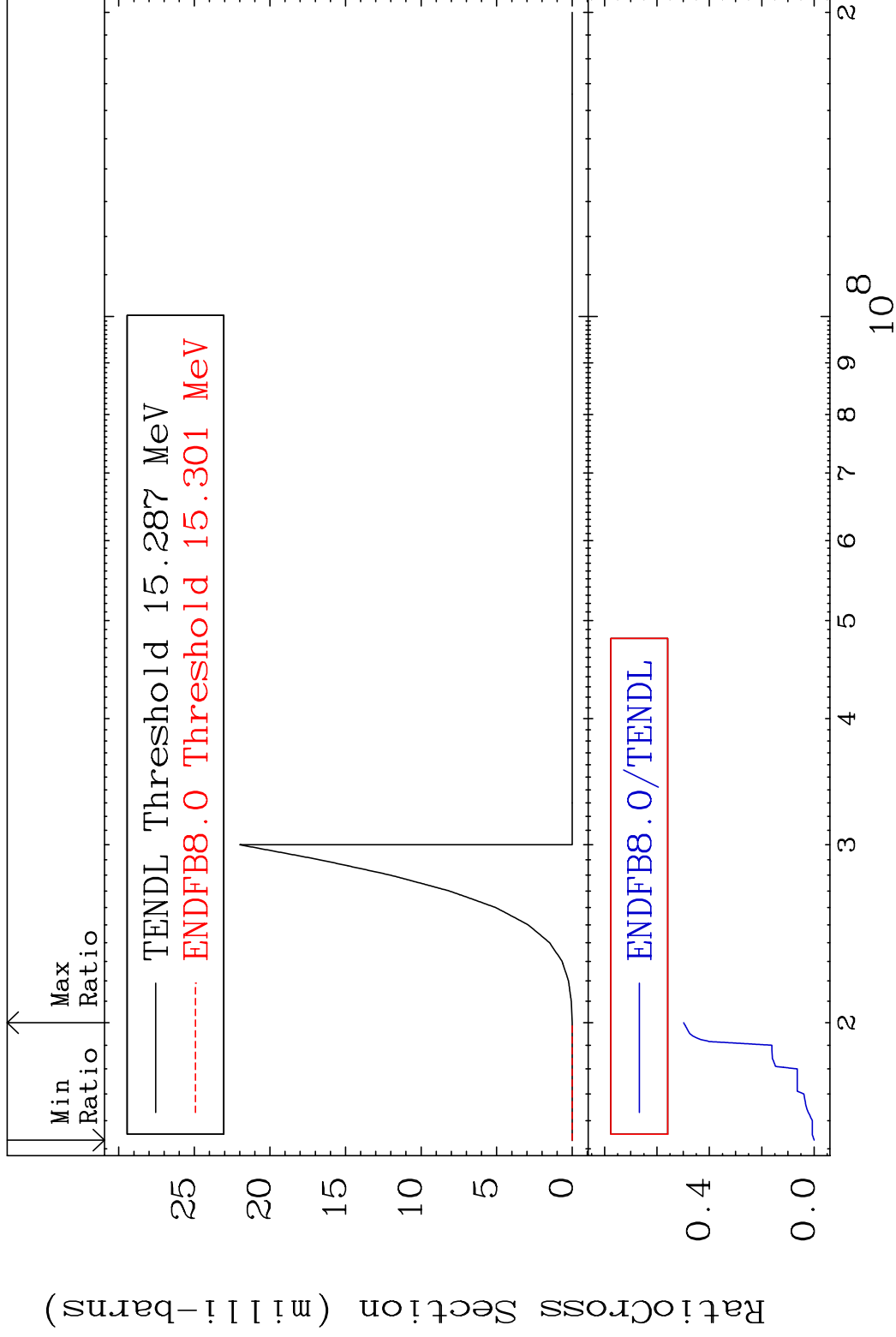
58-Ce-139

MAT 5834

(n,2n) p

58-Ce-139

Cross Section -100.0 To -50.19%

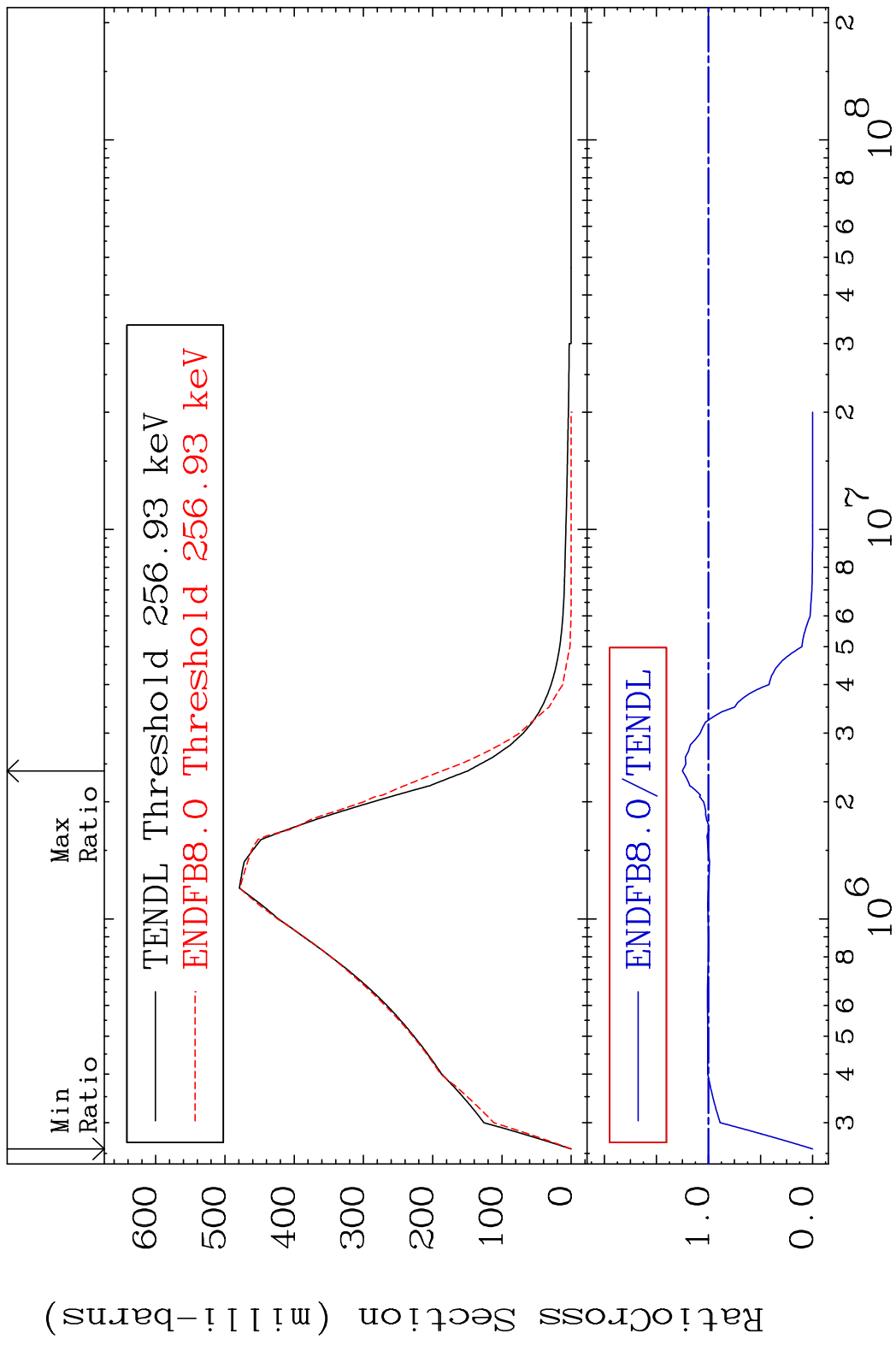


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Incident Energy (eV)

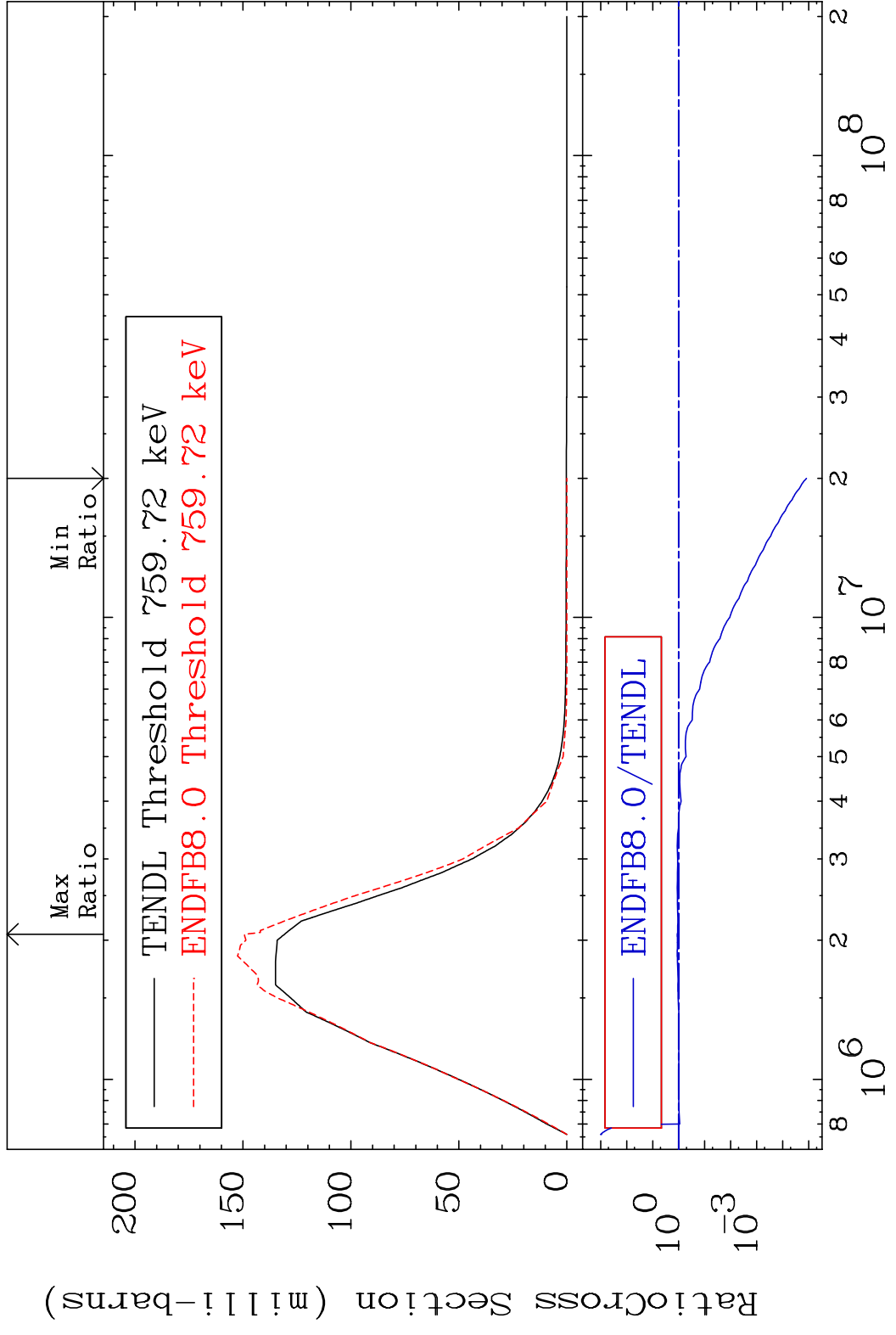
58-Ce-139

MAT 5834 MT= 51 (n,n') Level 58-Ce-139
 Cross Section -100.0 To 25.09 %



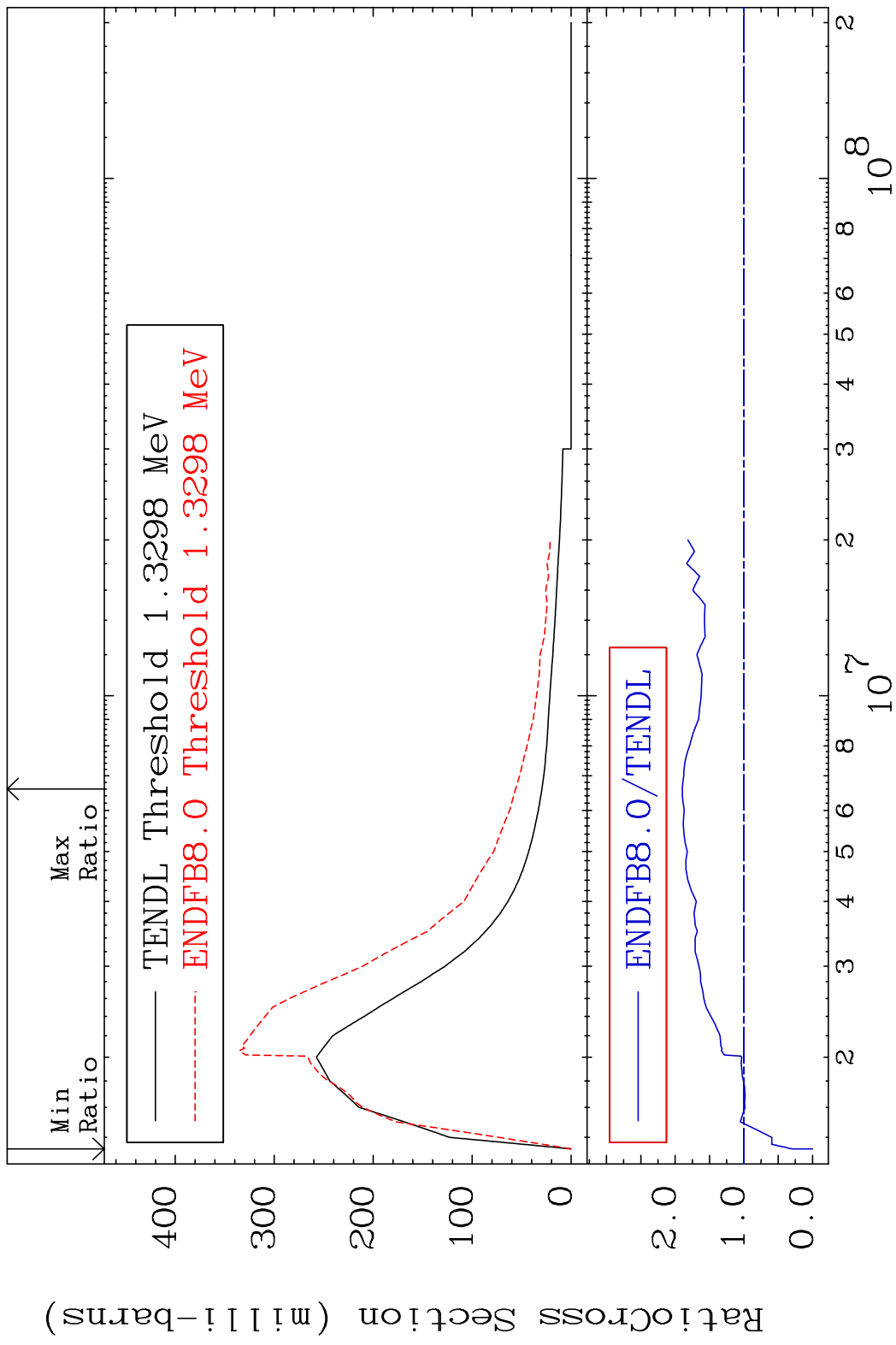
10 Incident Energy (eV) 58-Ce-139

MAT 5834 MT= 52 (n, n') Level 58-Ce-139
 Cross Section -100.0 To 14.17 %

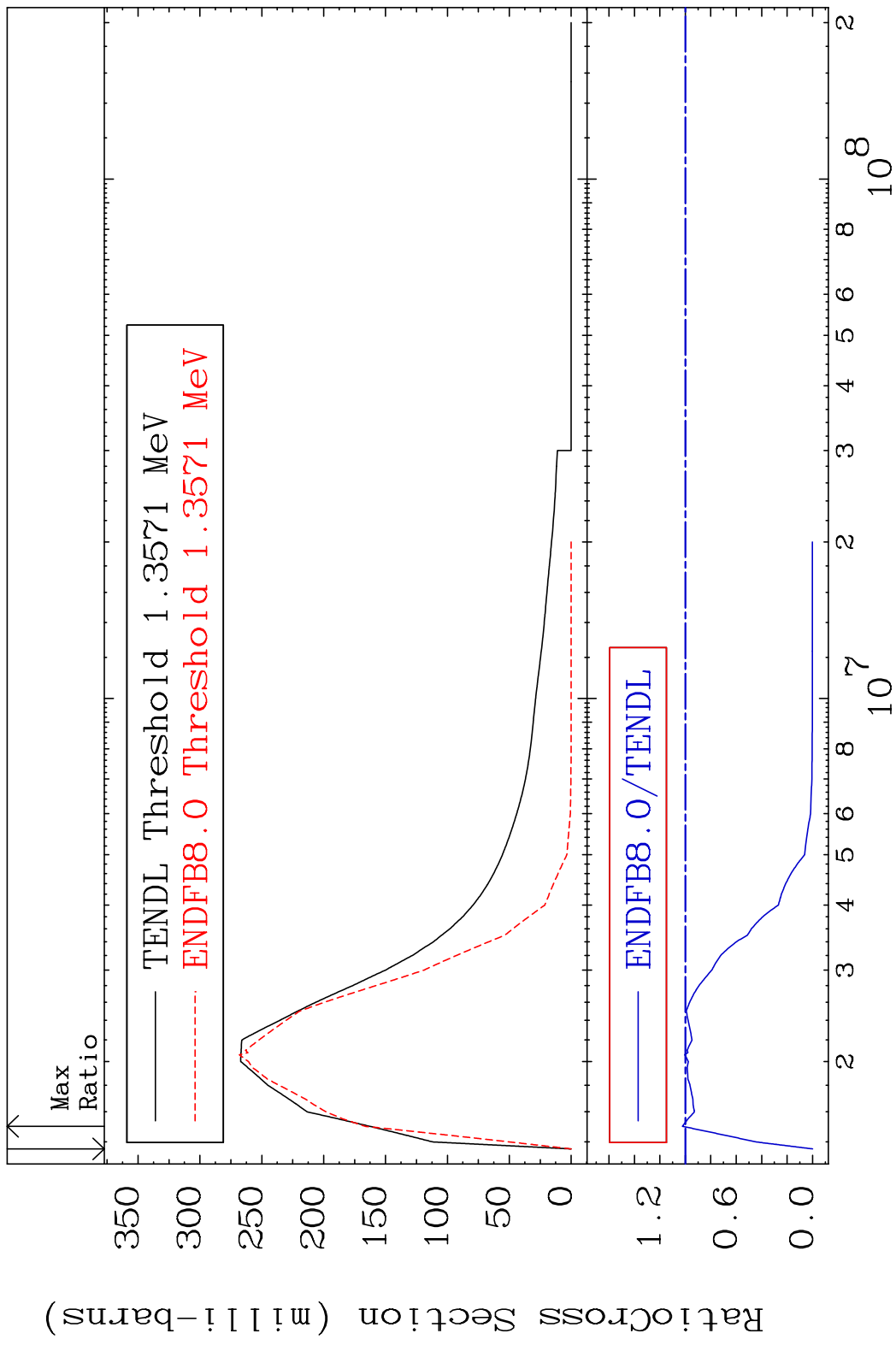


11 Incident Energy (eV) 58-Ce-139

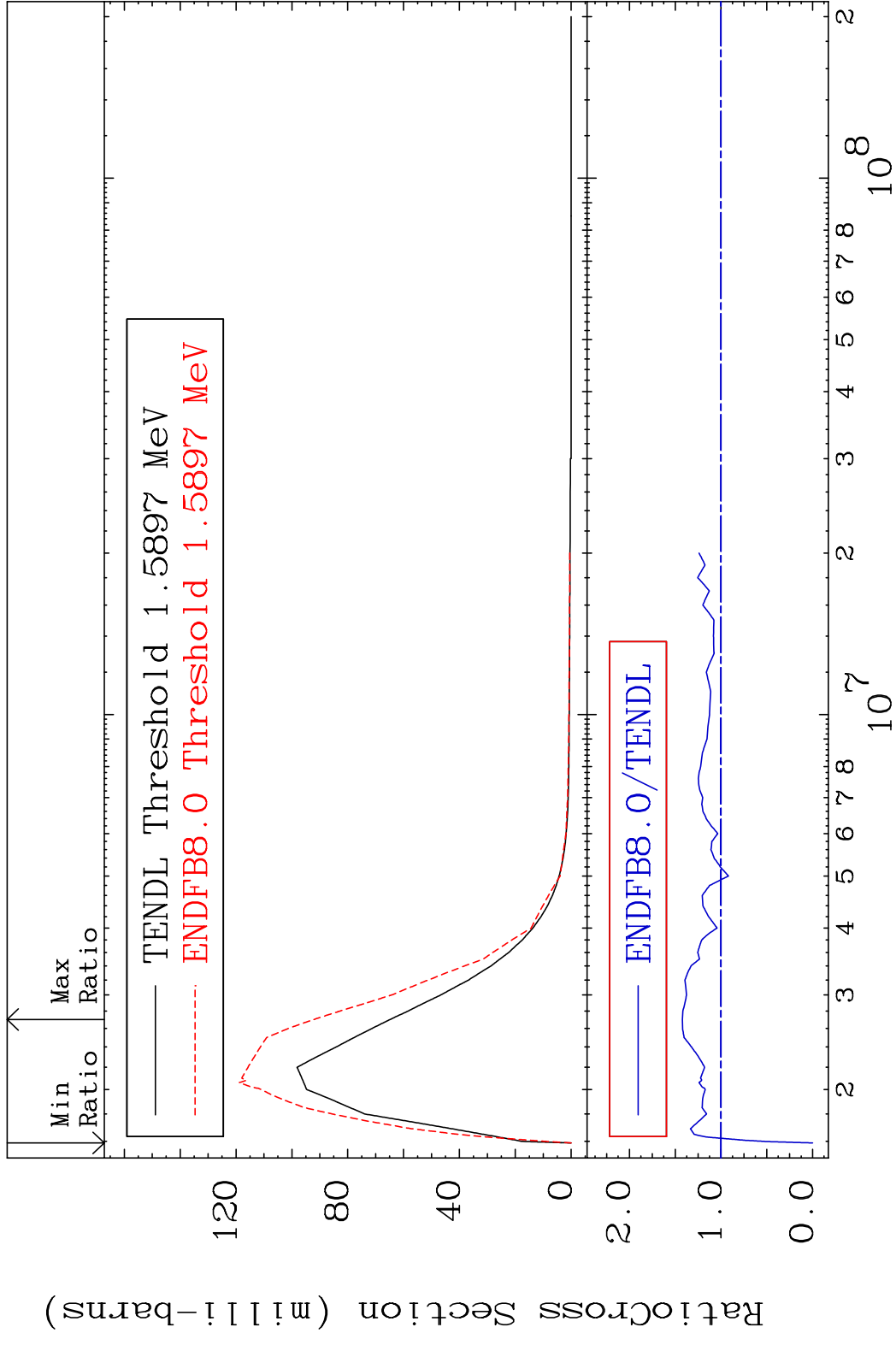
MAT 5834 MT= 53 (n, n') Level 58-Ce-139
 Cross Section -100.0 To 89.53 %



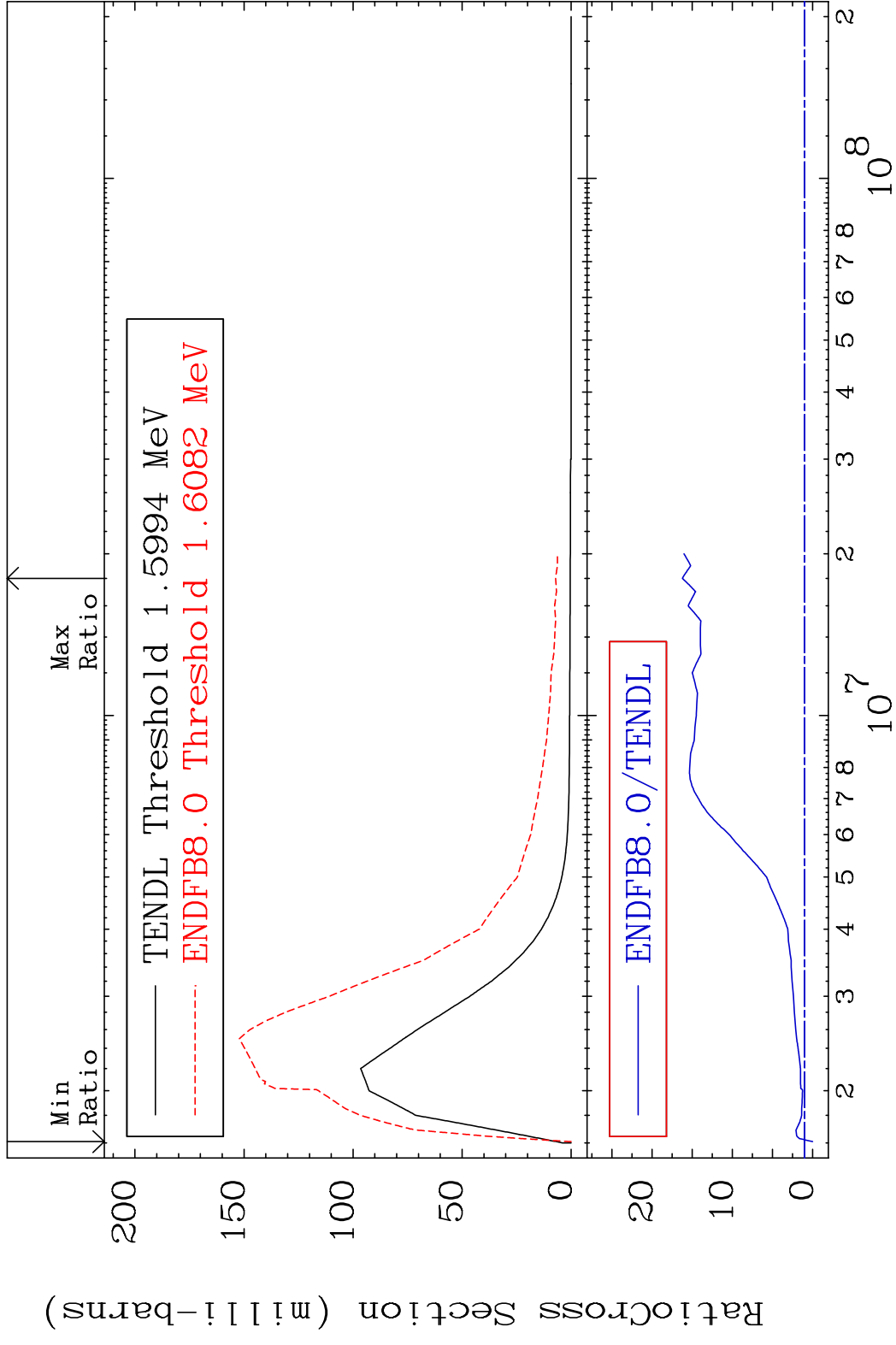
MAT 5834 MT= 54 (n, n') Level 58-Ce-139
 Cross Section -100.0 To 2.339 %



MAT 5834 MT= 55 (n,n') Level 58-Ce-139
 Cross Section -100.0 To 42.22 %

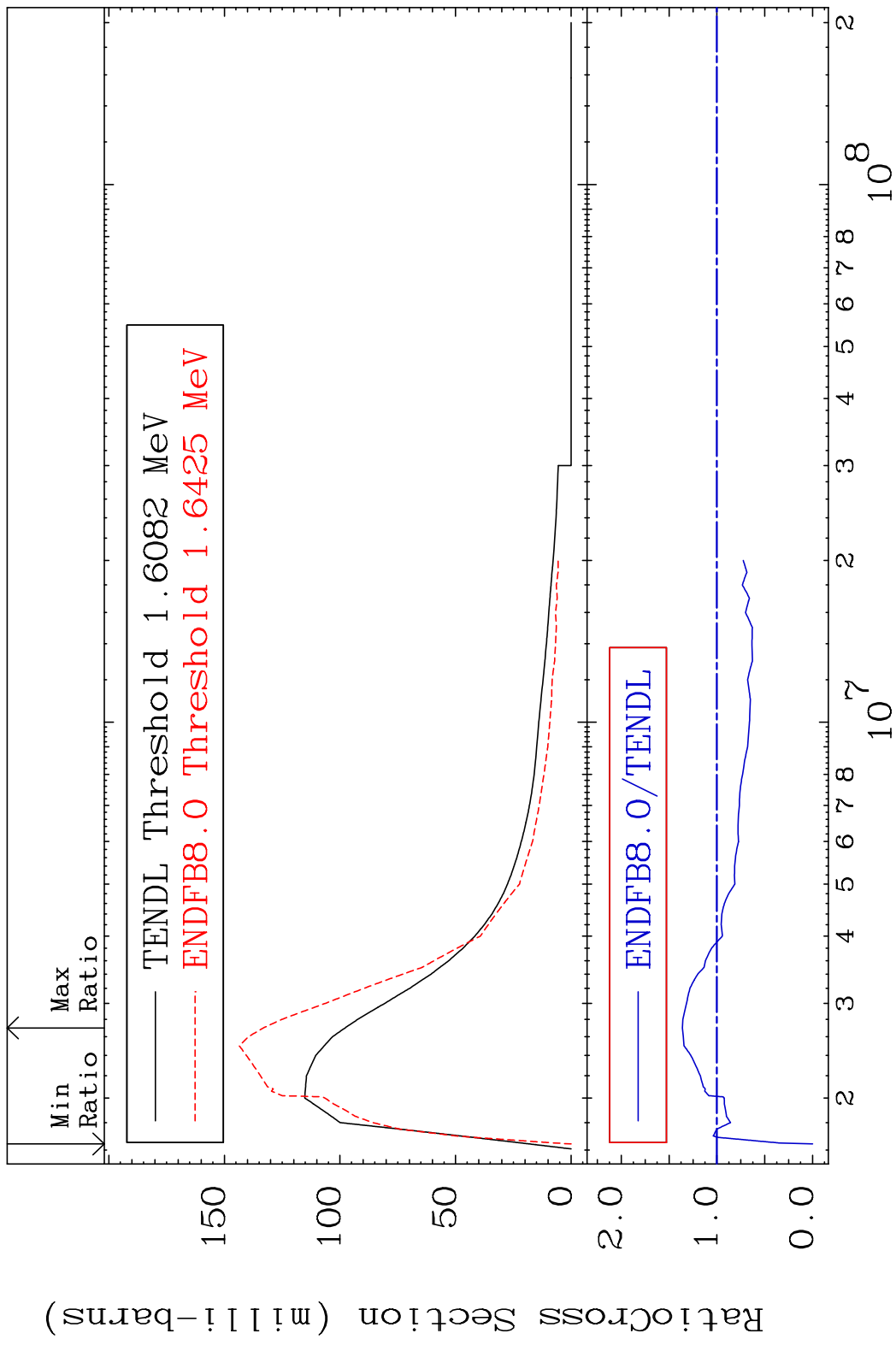


MAT 5834 MT= 56 (n, n') Level 58-Ce-139
 Cross Section -100.0 To 1522. %



15 58-Ce-139

MAT 5834 MT= 57 (n,n') Level 58-Ce-139
 Cross Section -100.0 To 36.15 %

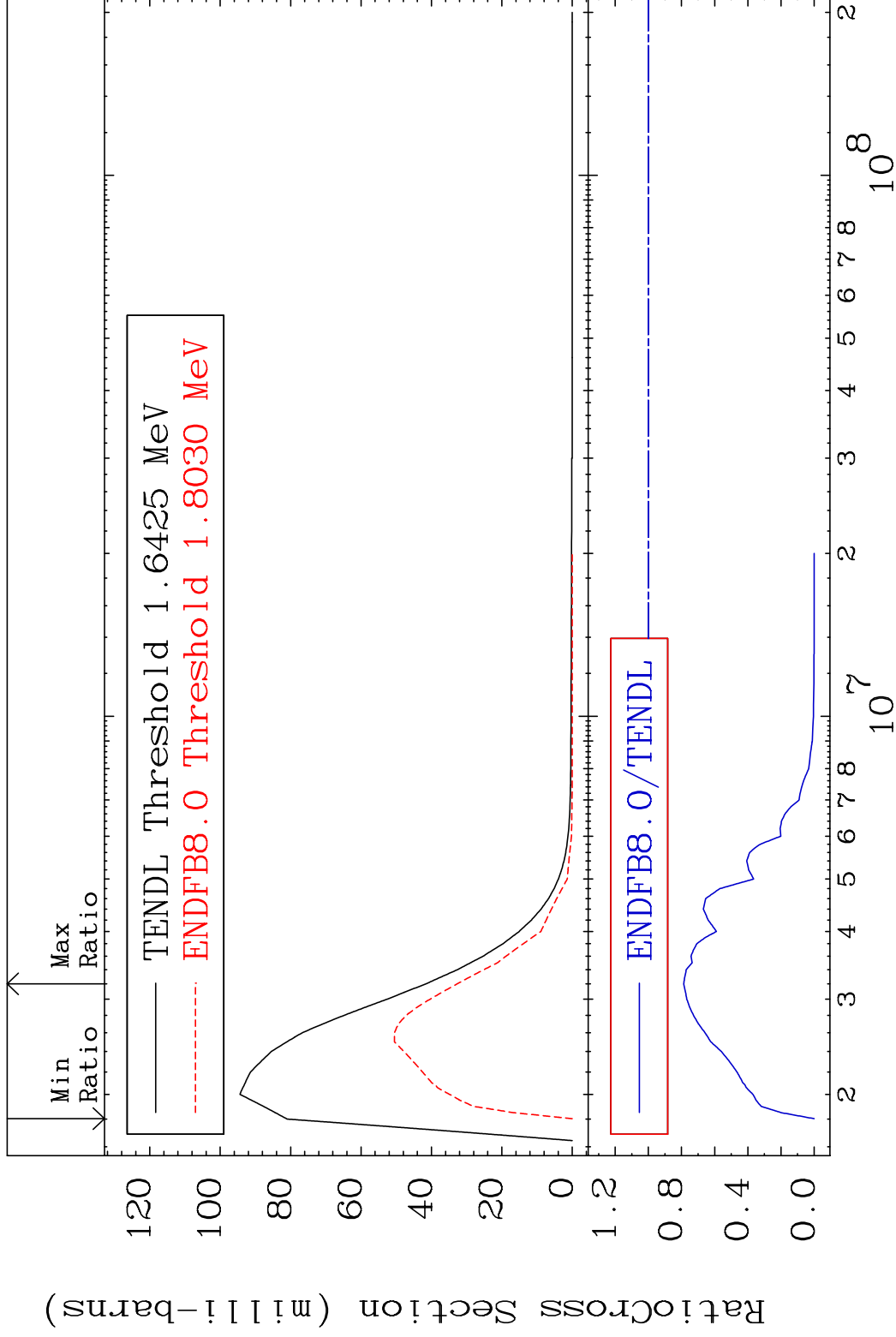


MAT 5834

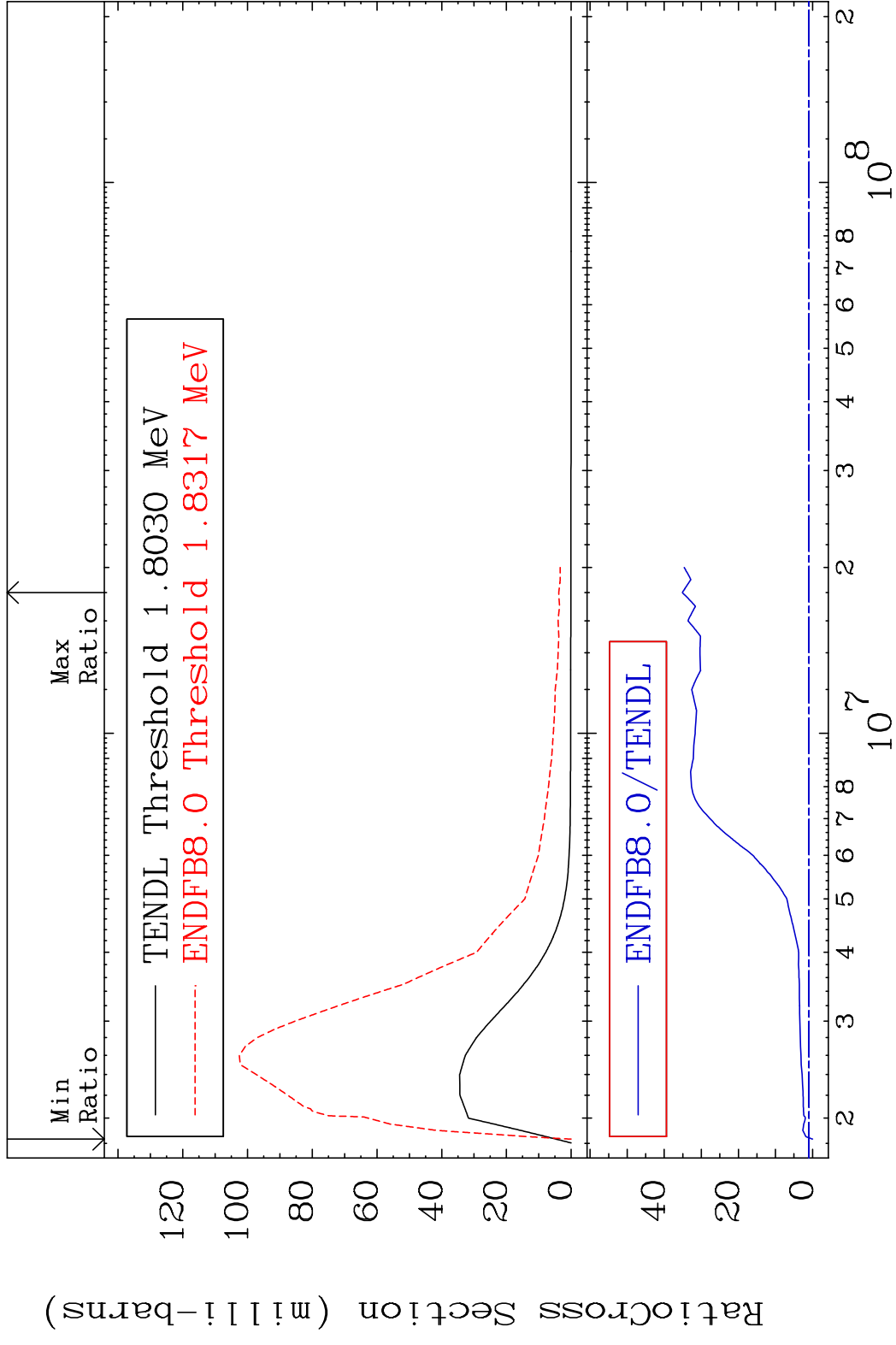
MT= 58 (n,n') Level

58-Ce-139

Cross Section -100.0 To -21.30%

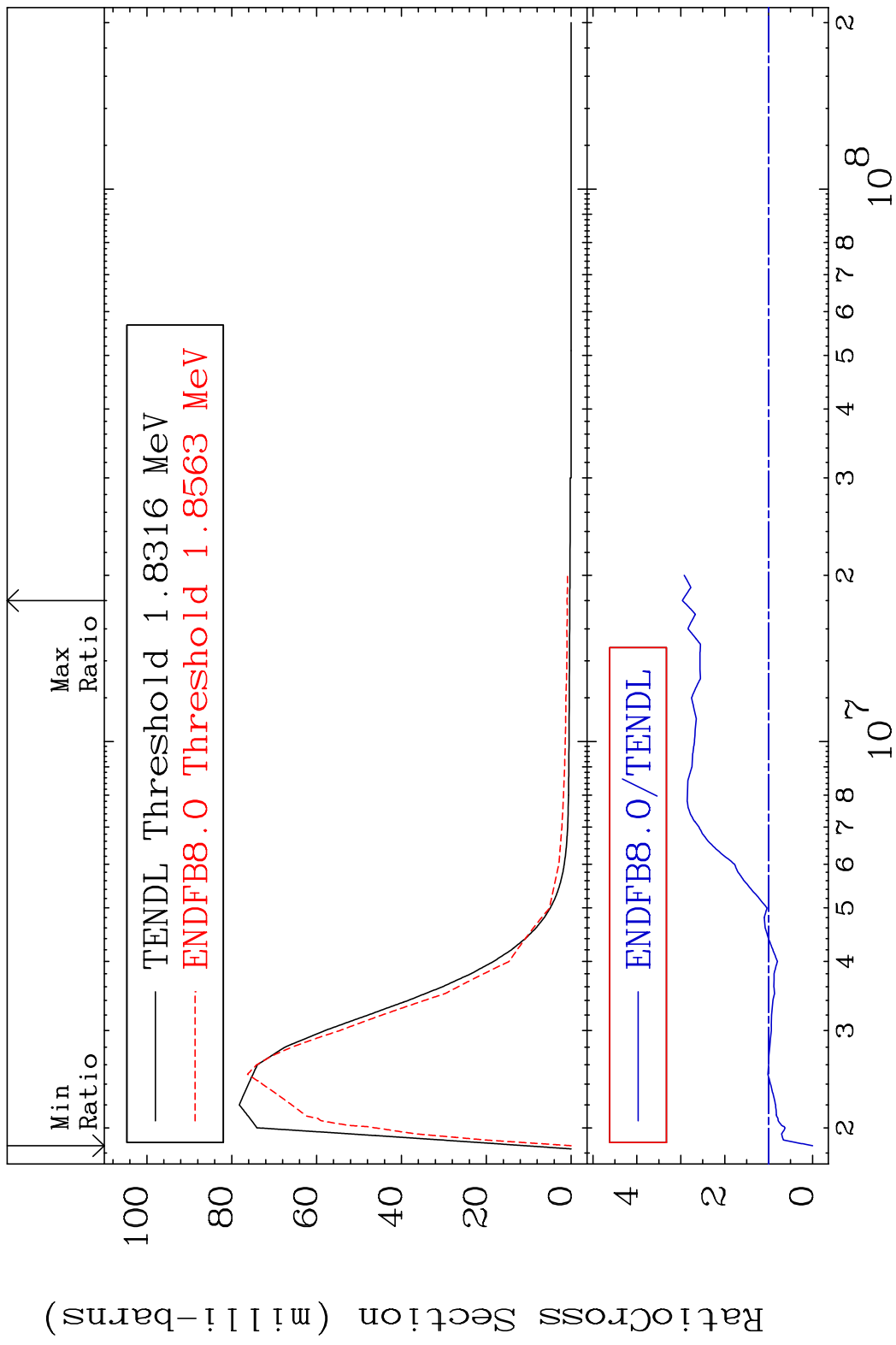


MAT 5834 MT= 59 (n, n') Level 58-Ce-139
 Cross Section -100.0 To 3412. %



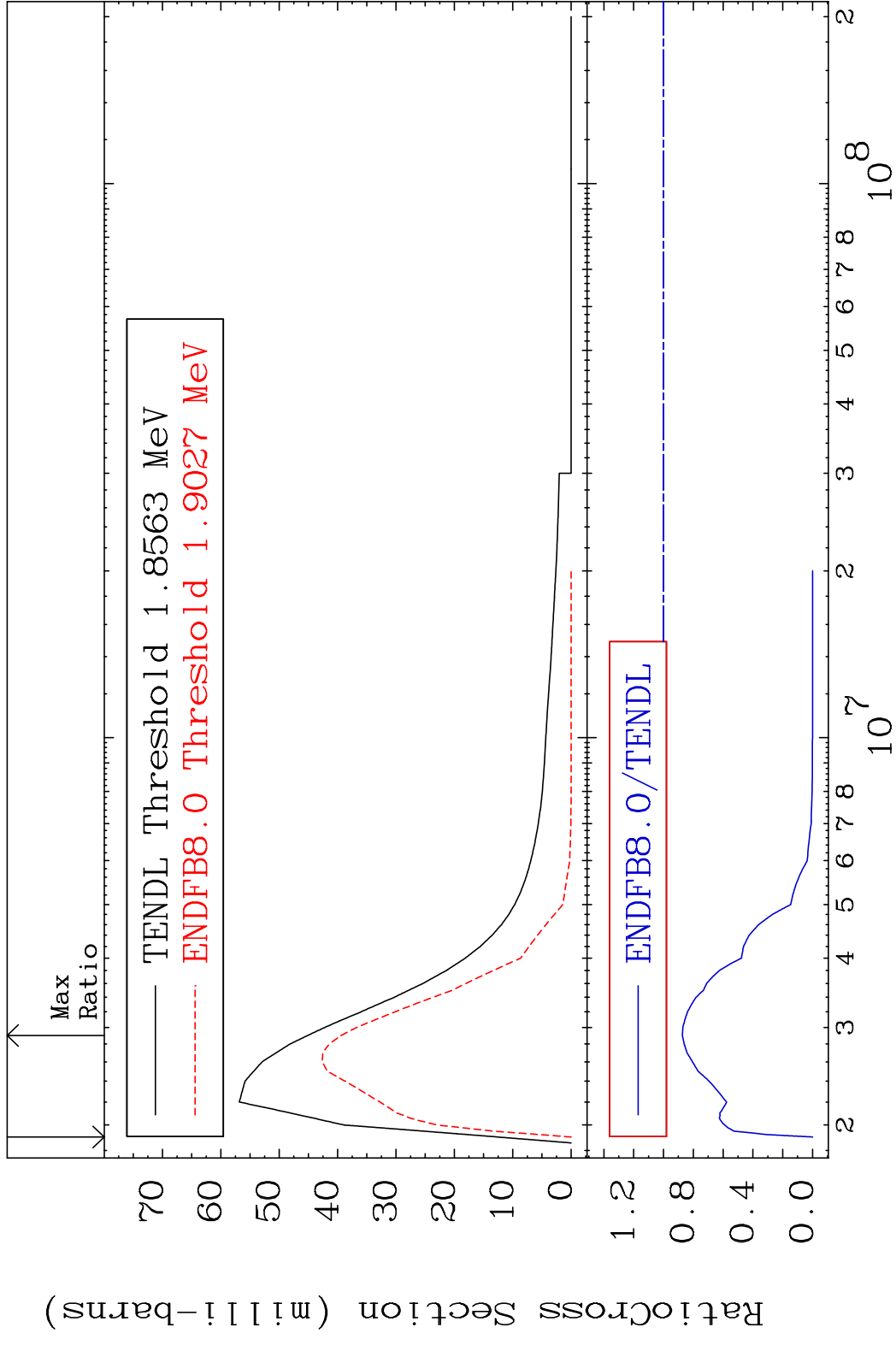
18 Incident Energy (eV) 58-Ce-139

MAT 5834 MT= 60 (n, n') Level 58-Ce-139
 Cross Section -100.0 To 196.4 %



19 19 Incident Energy (eV) 58-Ce-139

MAT 5834 MT= 61 (n,n') Level 58-Ce-139
 Cross Section -100.0 To -12.66%



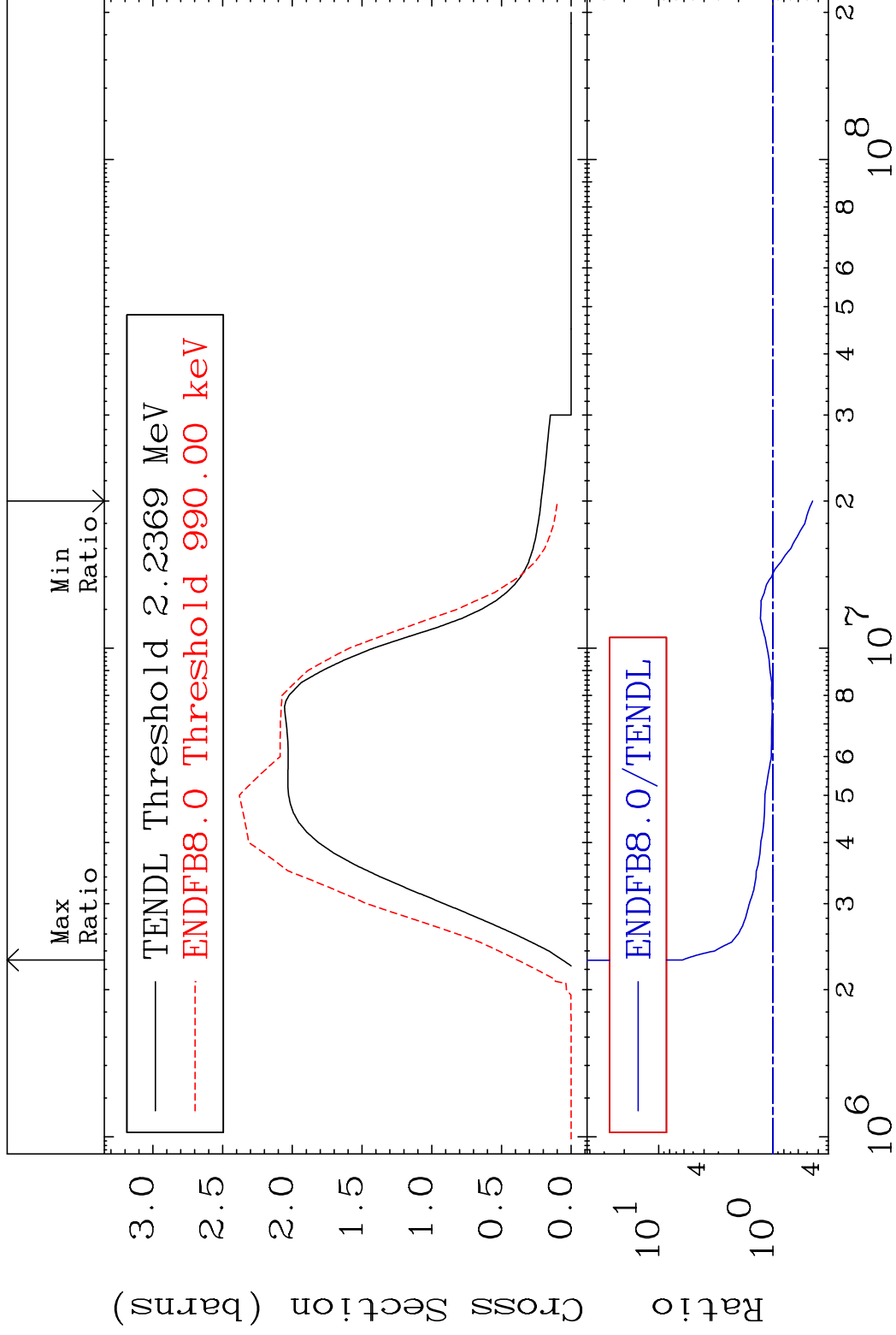
20 58-Ce-139

MAT 5834

(n, n') Continuum

58-Ce-139

Cross Section -55.13 To 519.6 %



21

Incident Energy (eV)

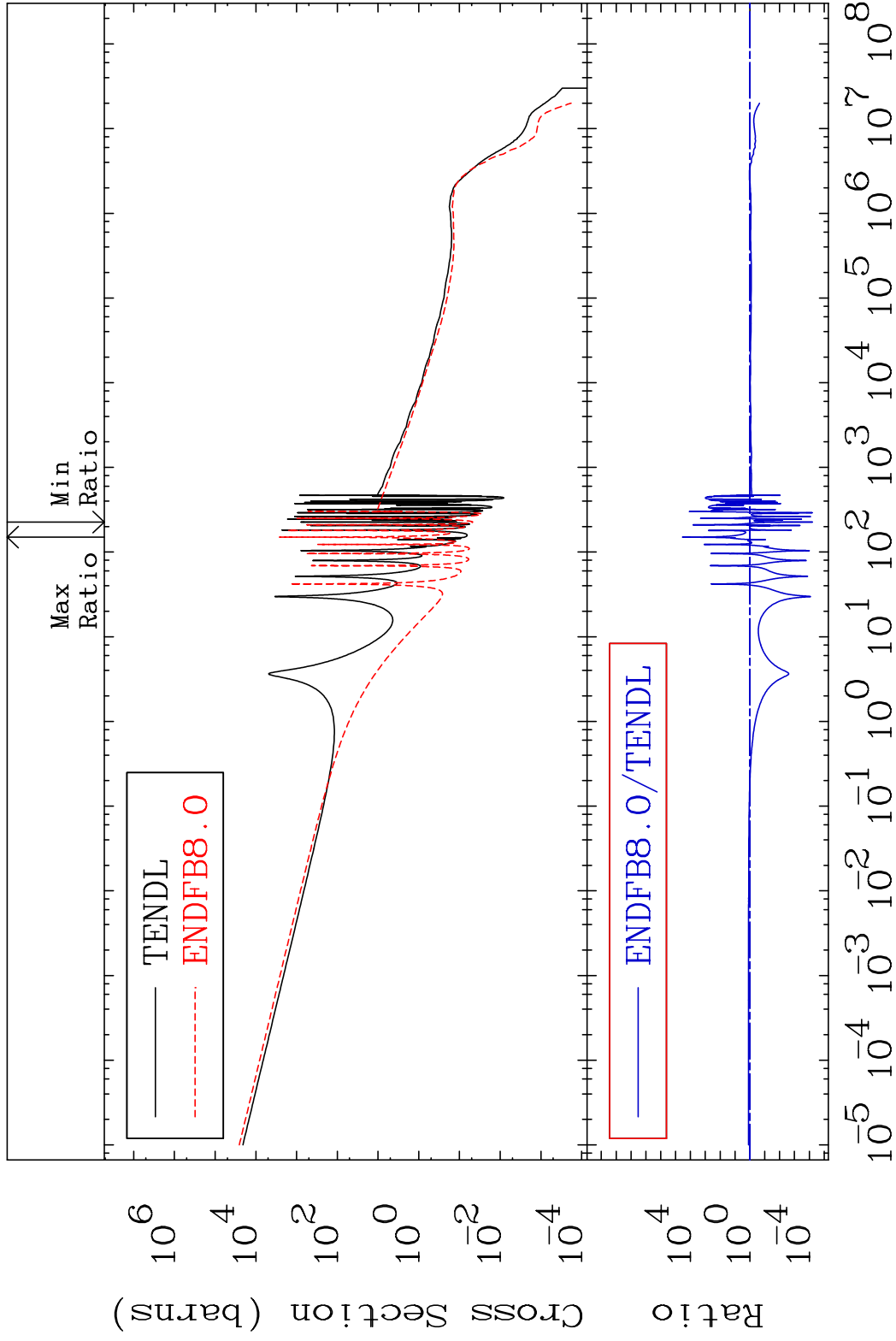
58-Ce-139

MAT 5834

(n, γ)

58-Ce-139

Cross Section -99.99 To 9999. %



22

Incident Energy (eV)

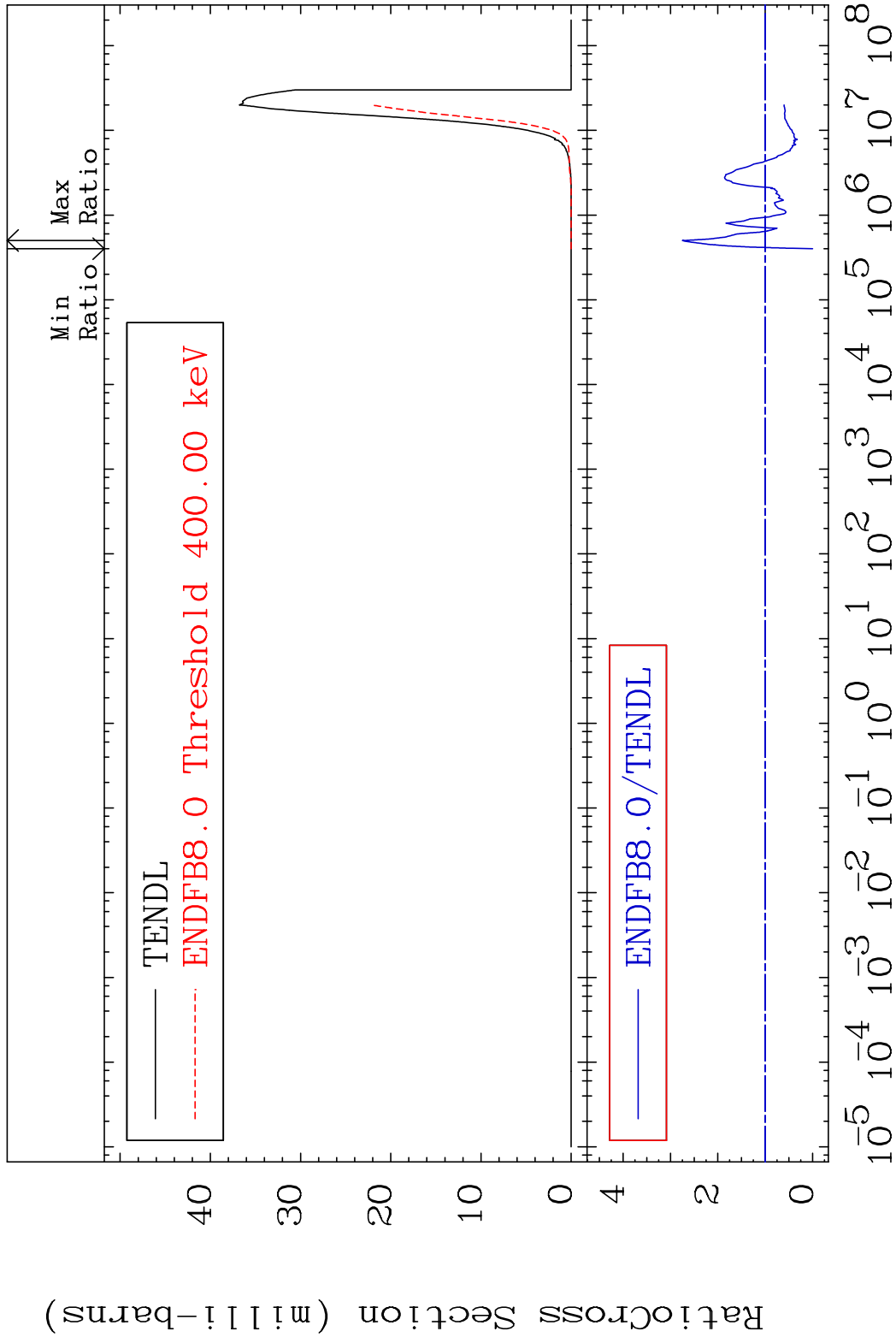
58-Ce-139

MAT 5834

(n, p)

58-Ce-139

Cross Section -100.0 To 174.9 %



23

Incident Energy (eV)

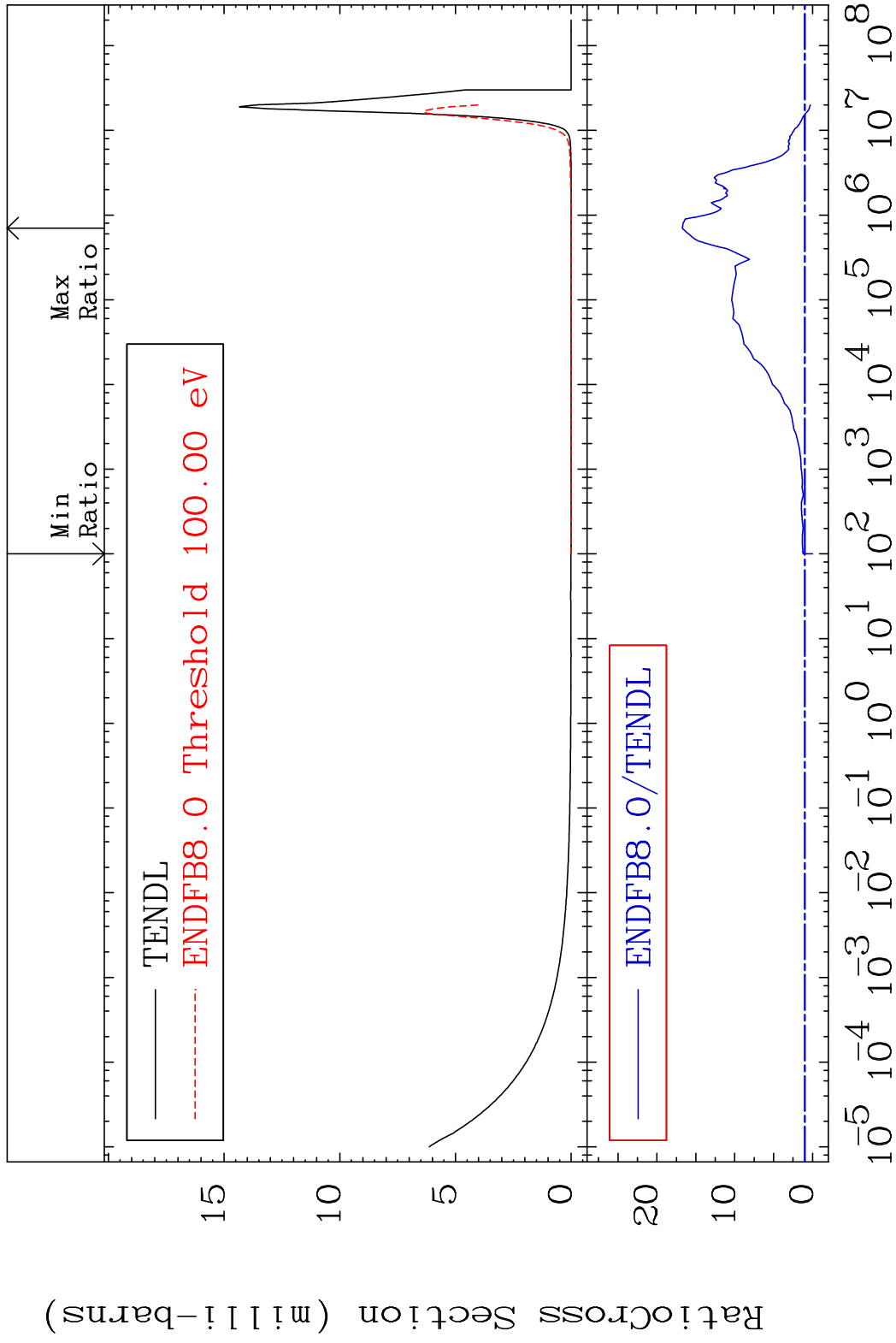
58-Ce-139

MAT 5834

(n, α)

58-Ce-139

Cross Section -100.0 To 1573. %



24

Incident Energy (eV)

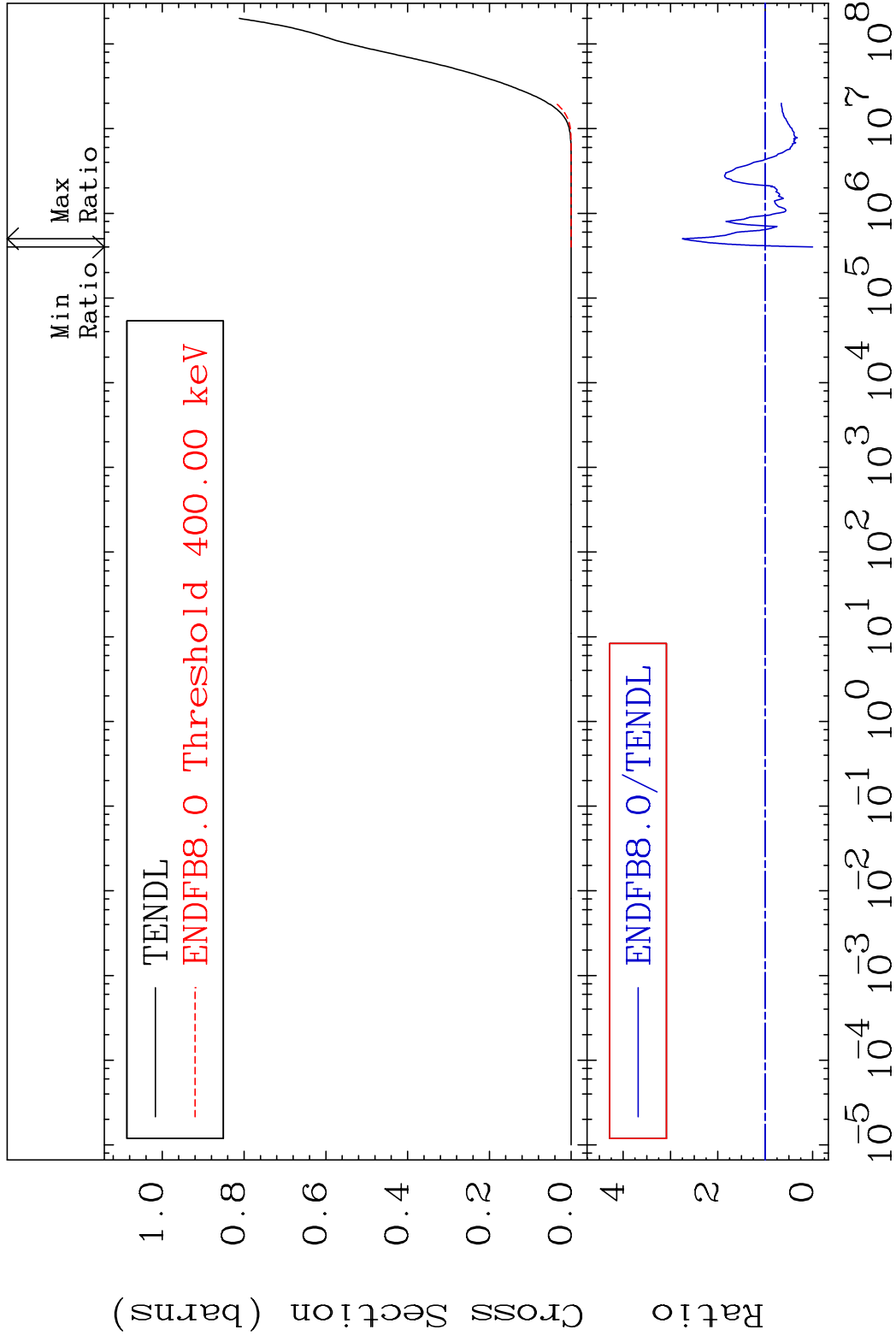
58-Ce-139

MAT 5834

Hydrogen Production

58-Ce-139

Cross Section -100.0 To 174.9 %



25

Incident Energy (eV)

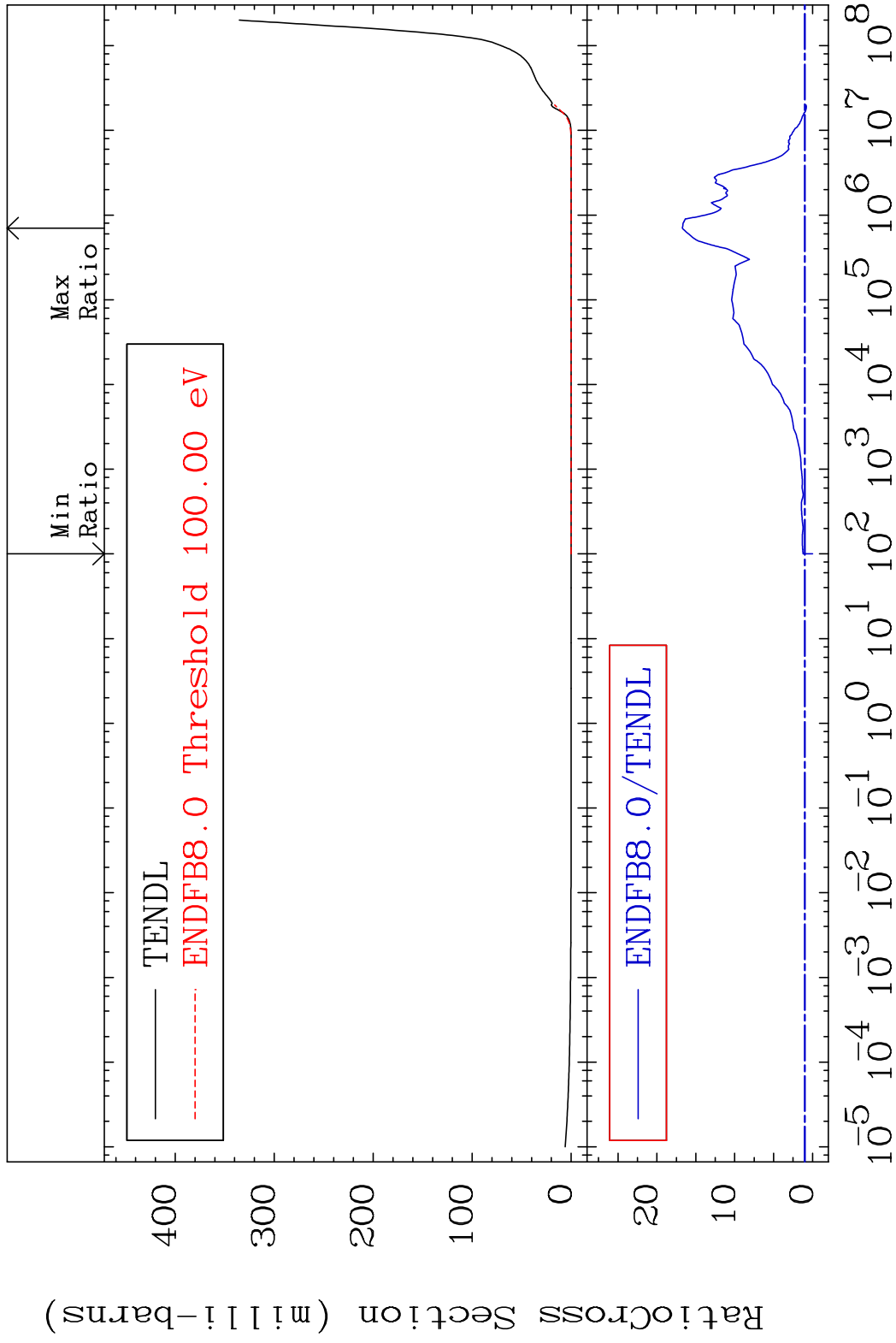
58-Ce-139

MAT 5834

He-4 Production

58-Ce-139

Cross Section -100.0 To 1573. %

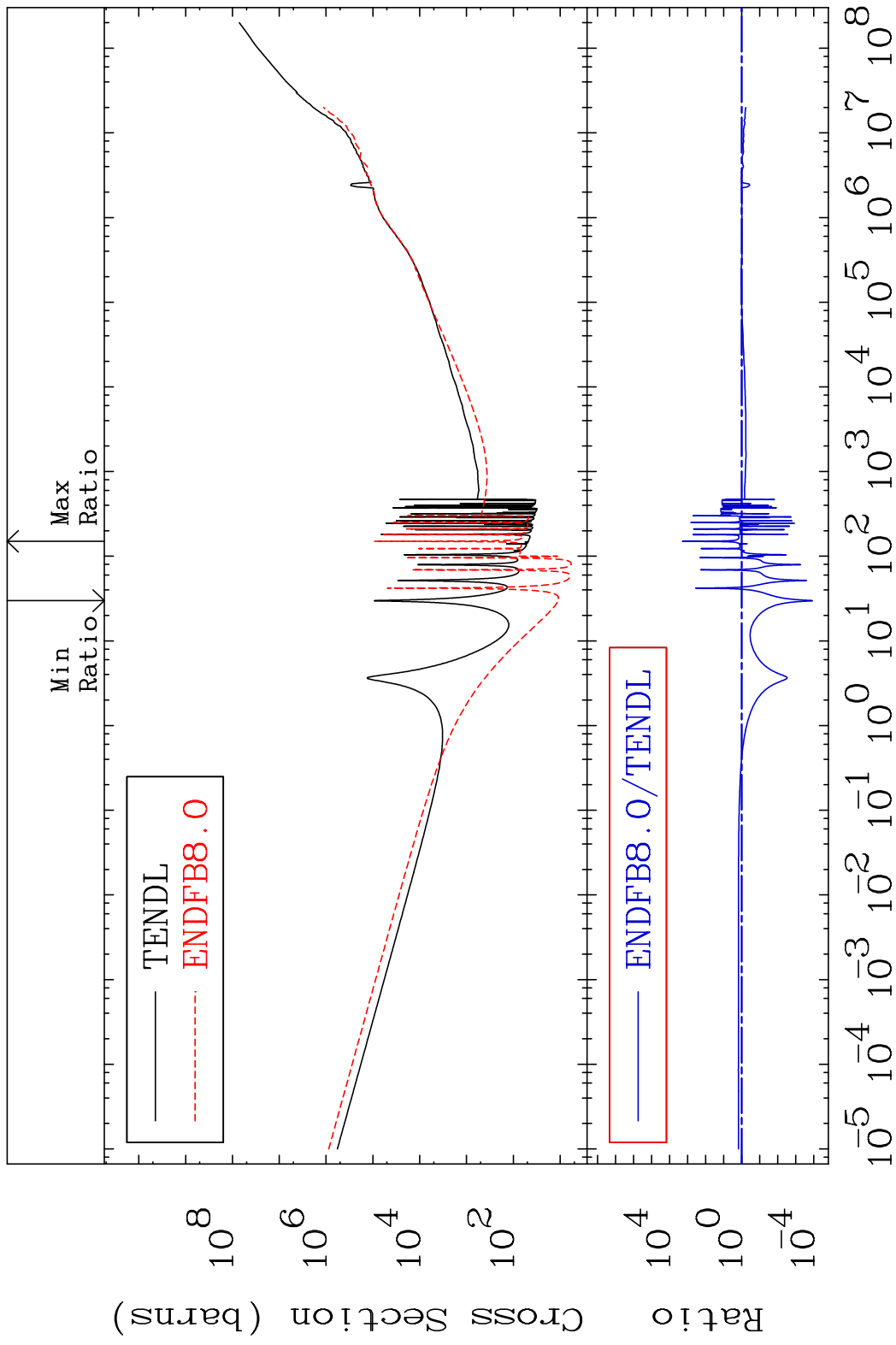


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Incident Energy (eV)

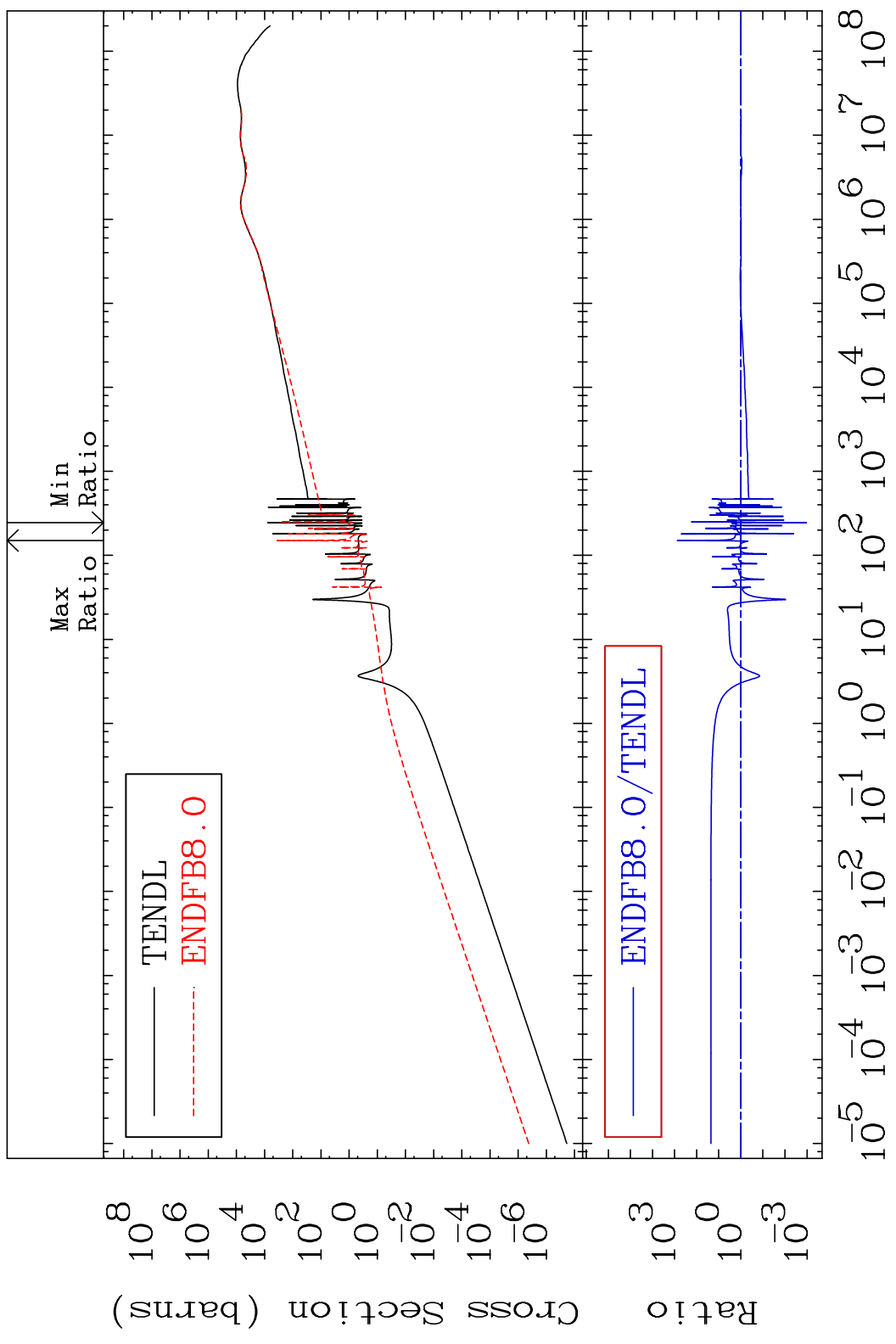
58-Ce-139

MAT 5834 Kerma total (eV-barns) 58-Ce-139
 Cross Section -99.99 To 9999. %

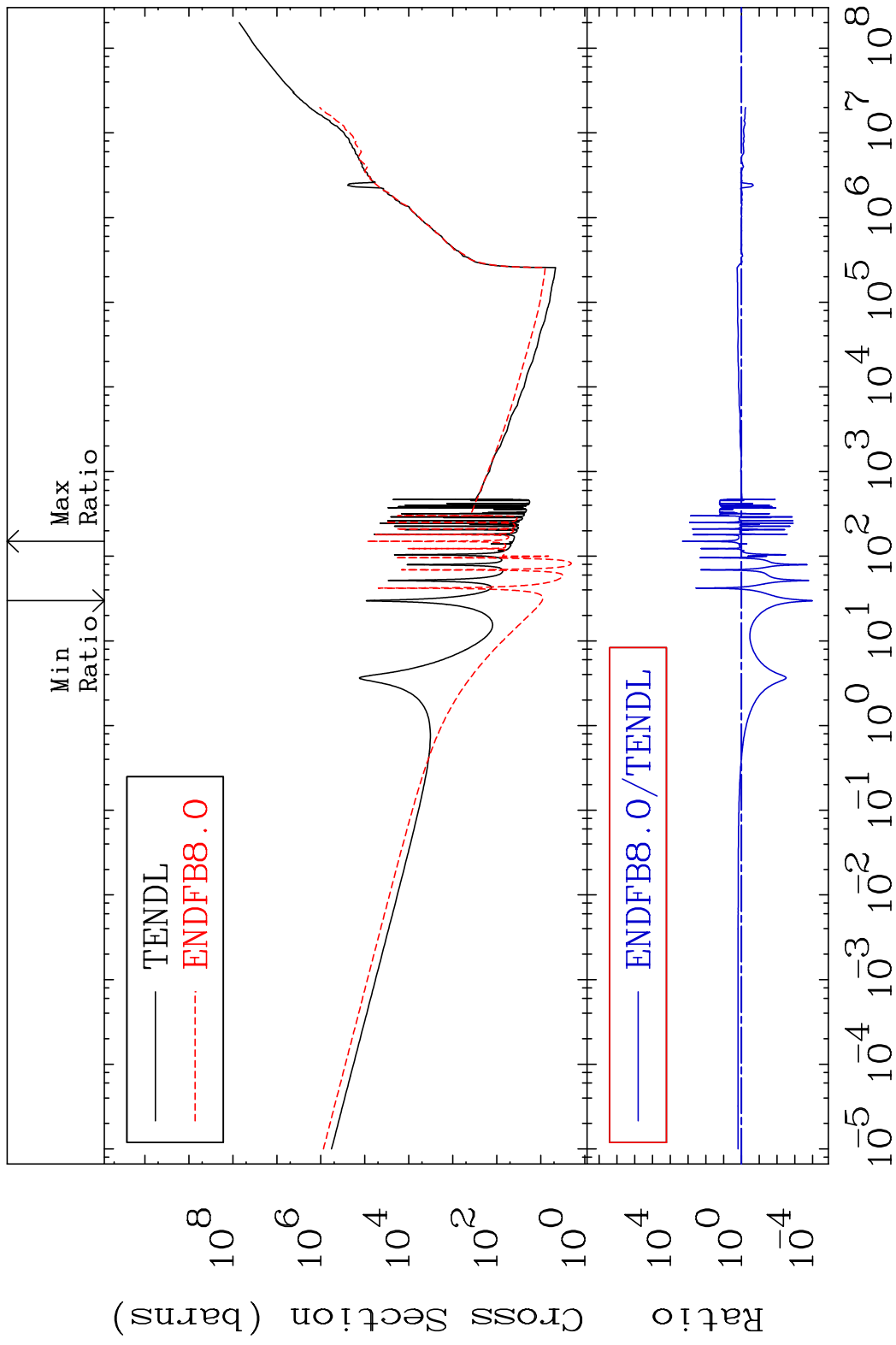


MAT 5834

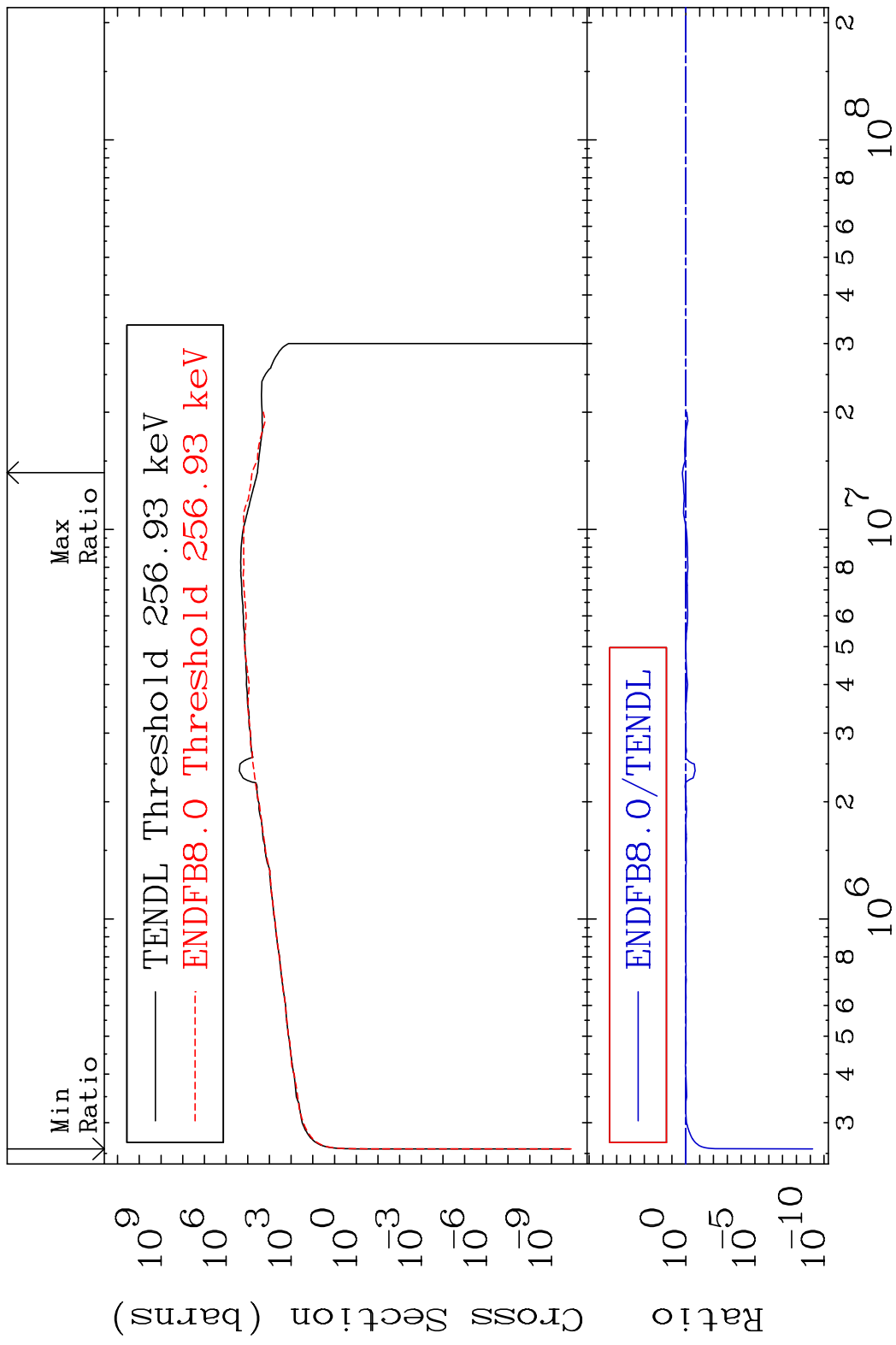
Kerma elastic Cross Section -99.89 To 9999. %
58-Ce-139



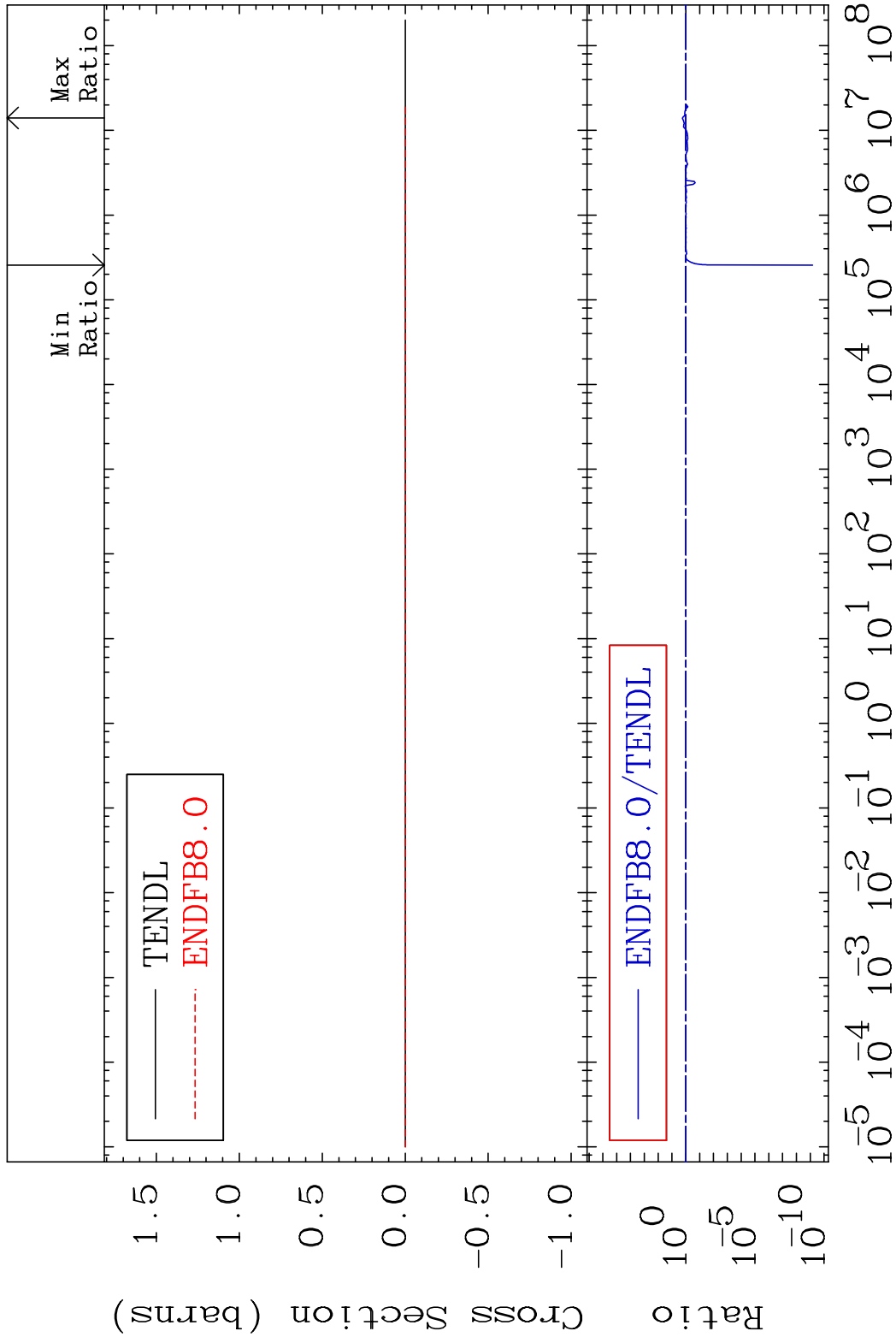
MAT 5834 Kerma non-elastic (all but mt2) 58-Ce-139
 Cross Section -99.99 To 9999. %



MAT 5834 Kerma inelastic (mt51-91) 58-Ce-139
 Cross Section -100.0 To 77.81 %



MAT 5834 Kerma fission (mt18 or mt19-20-21-38) 58-Ce-139
 Cross Section -100.0 To 77.81 %

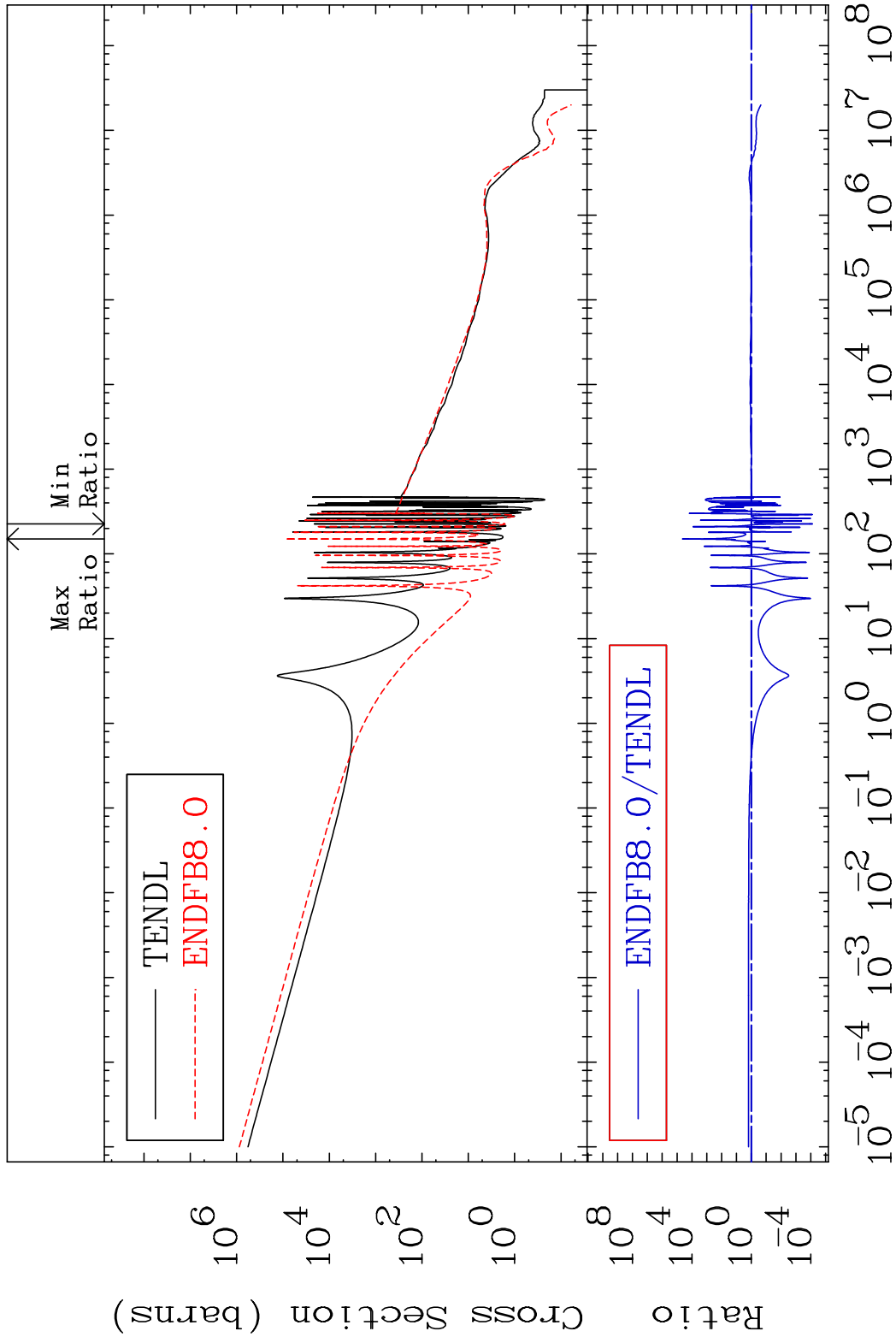


MAT 5834

Kerma capture (mt102)

58-Ce-139

Cross Section -99.99 To 9999. %

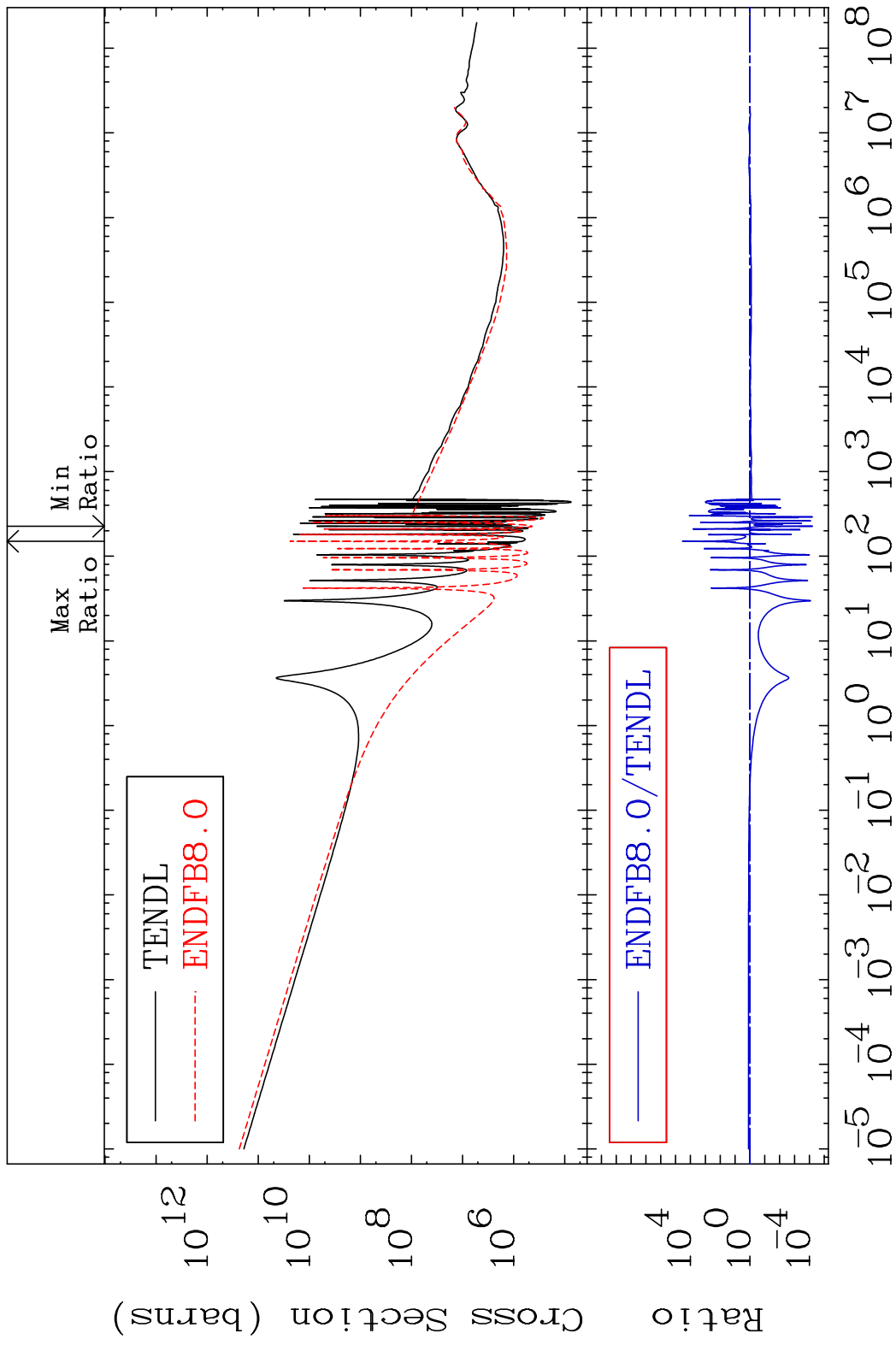


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Incident Energy (eV)

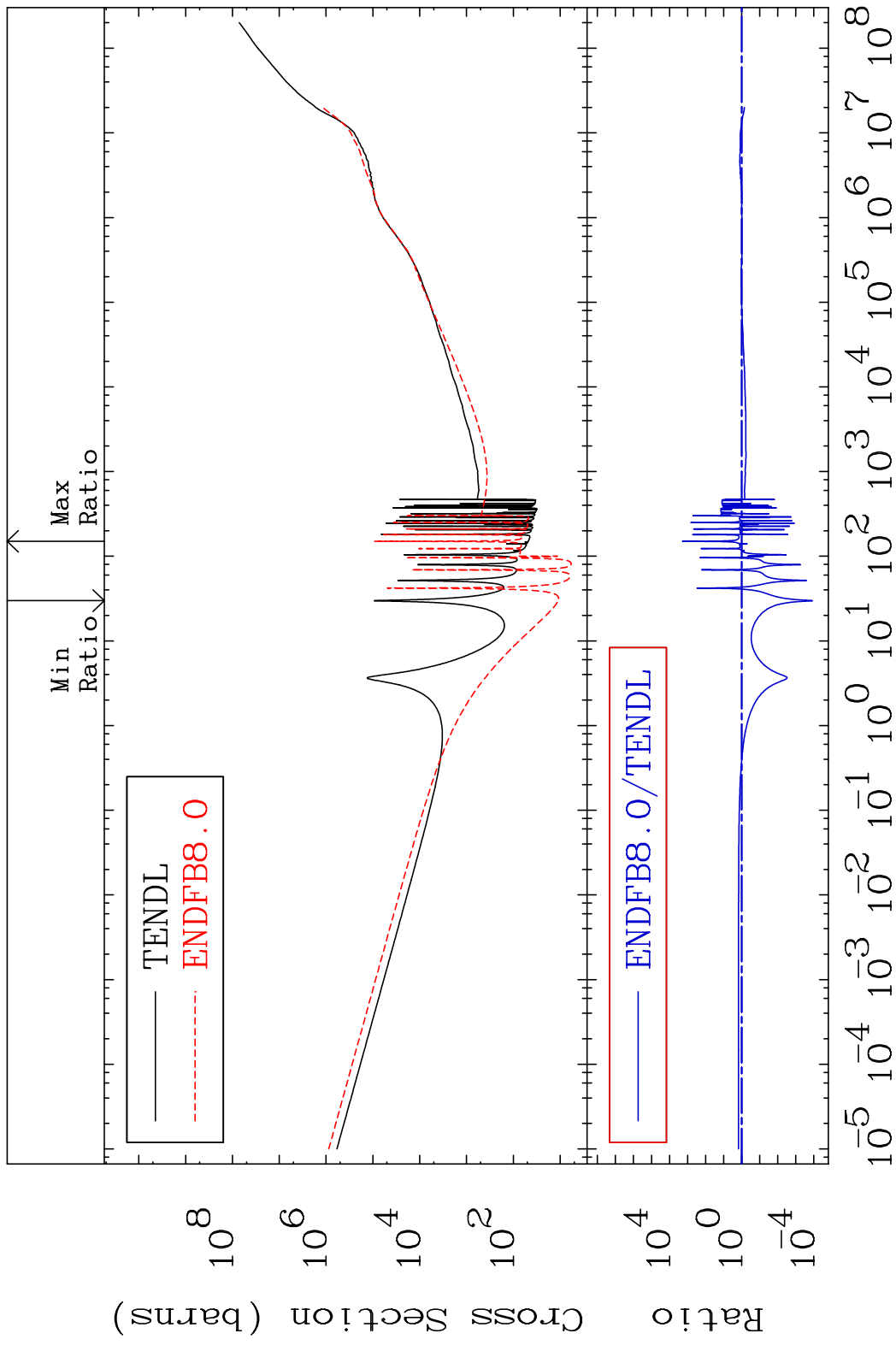
58-Ce-139

MAT 5834 Total photon (eV-barns) 58-Ce-139
 Cross Section -99.99 To 9999. %

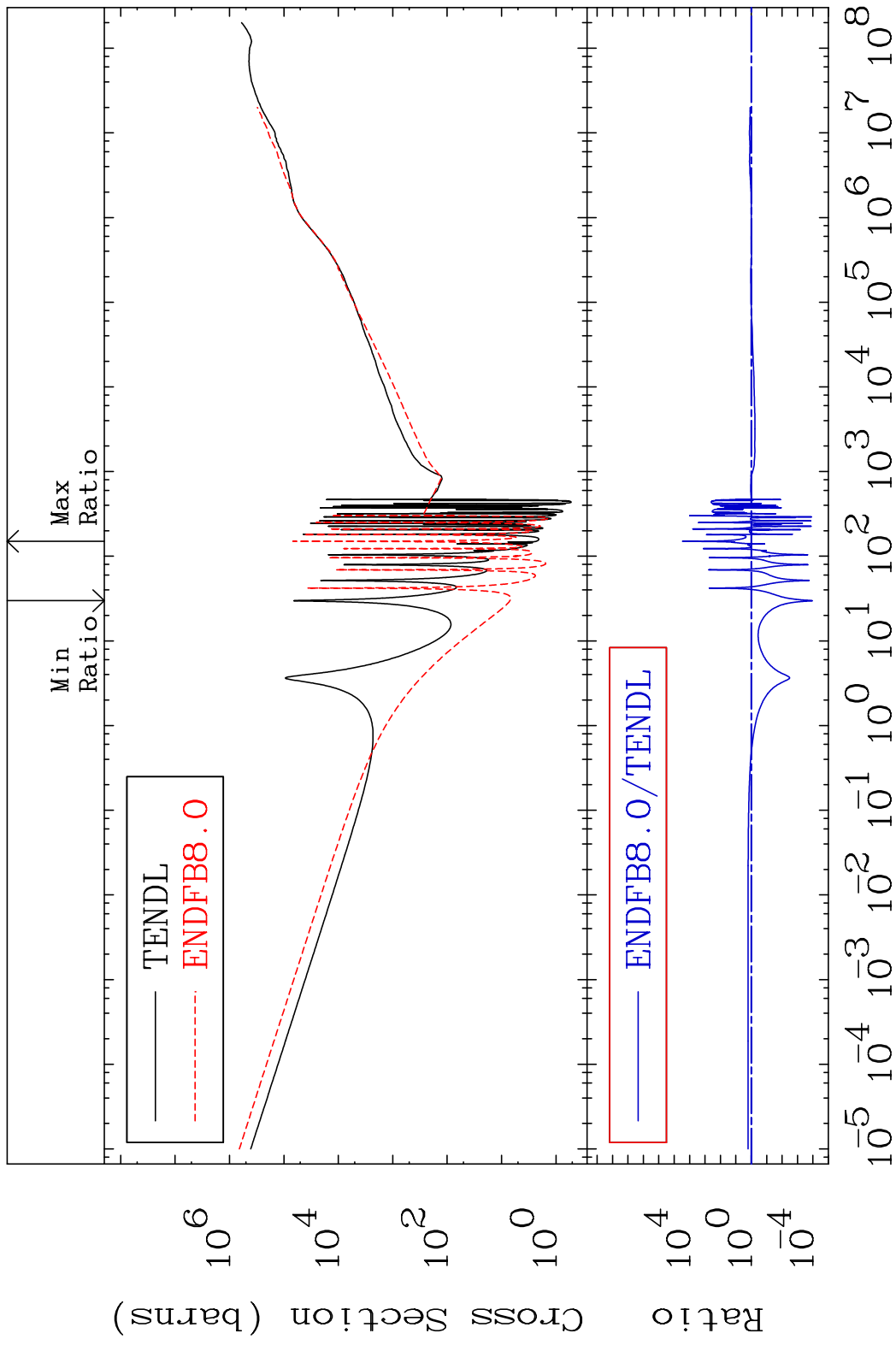


33 Incident Energy (eV) 58-Ce-139

MAT 5834 Total kinematic kerma (high limit) 58-Ce-139
 Cross Section -99.99 To 9999. %



MAT 5834 Dpa total (eV-barns) 58-Ce-139
 Cross Section -99.99 To 9999. %



35 Incident Energy (eV) 58-Ce-139

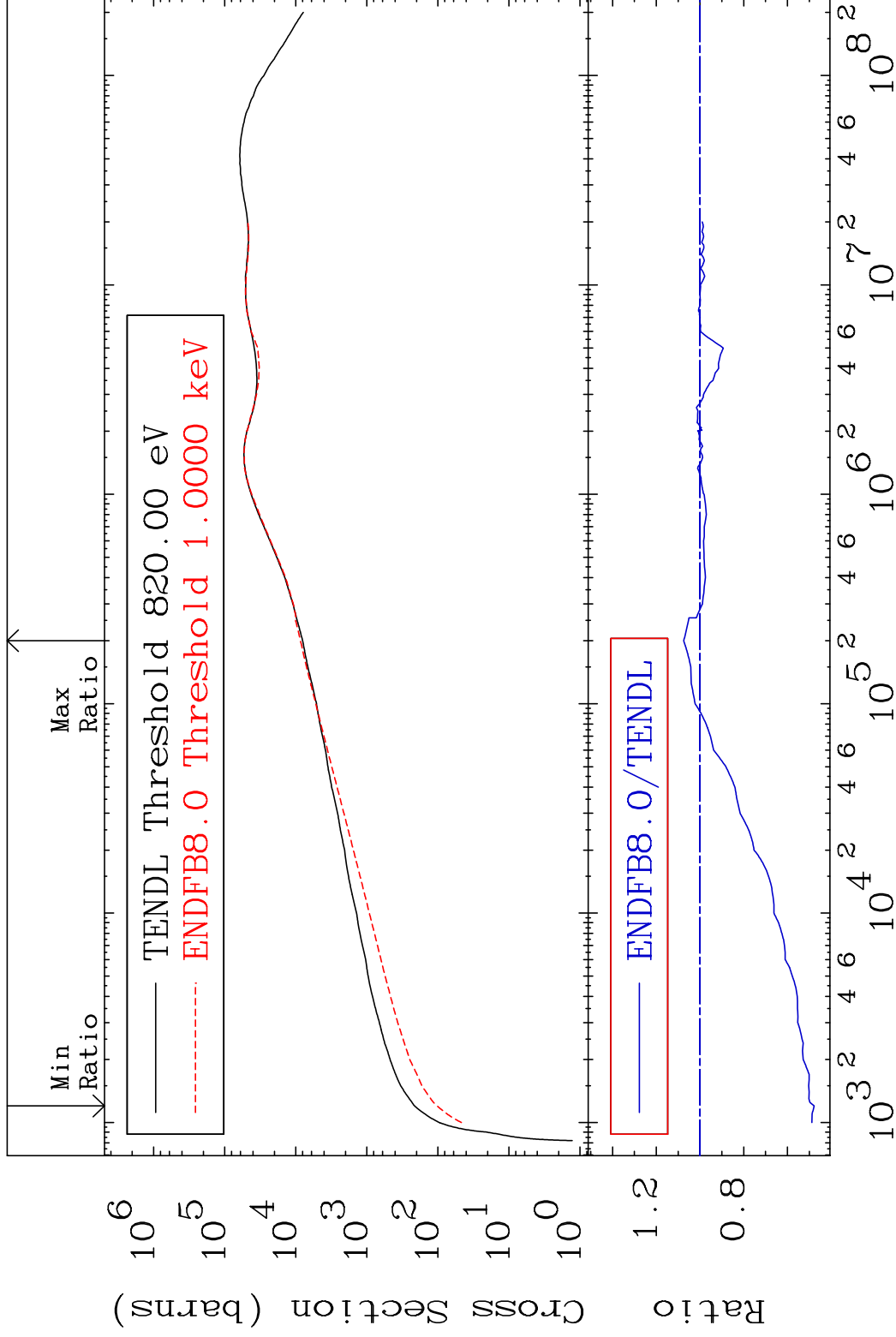
MAT 5834

Dpa elastic (mt2)

58-Ce-139

Cross Section

-52.20 To 7.470 %

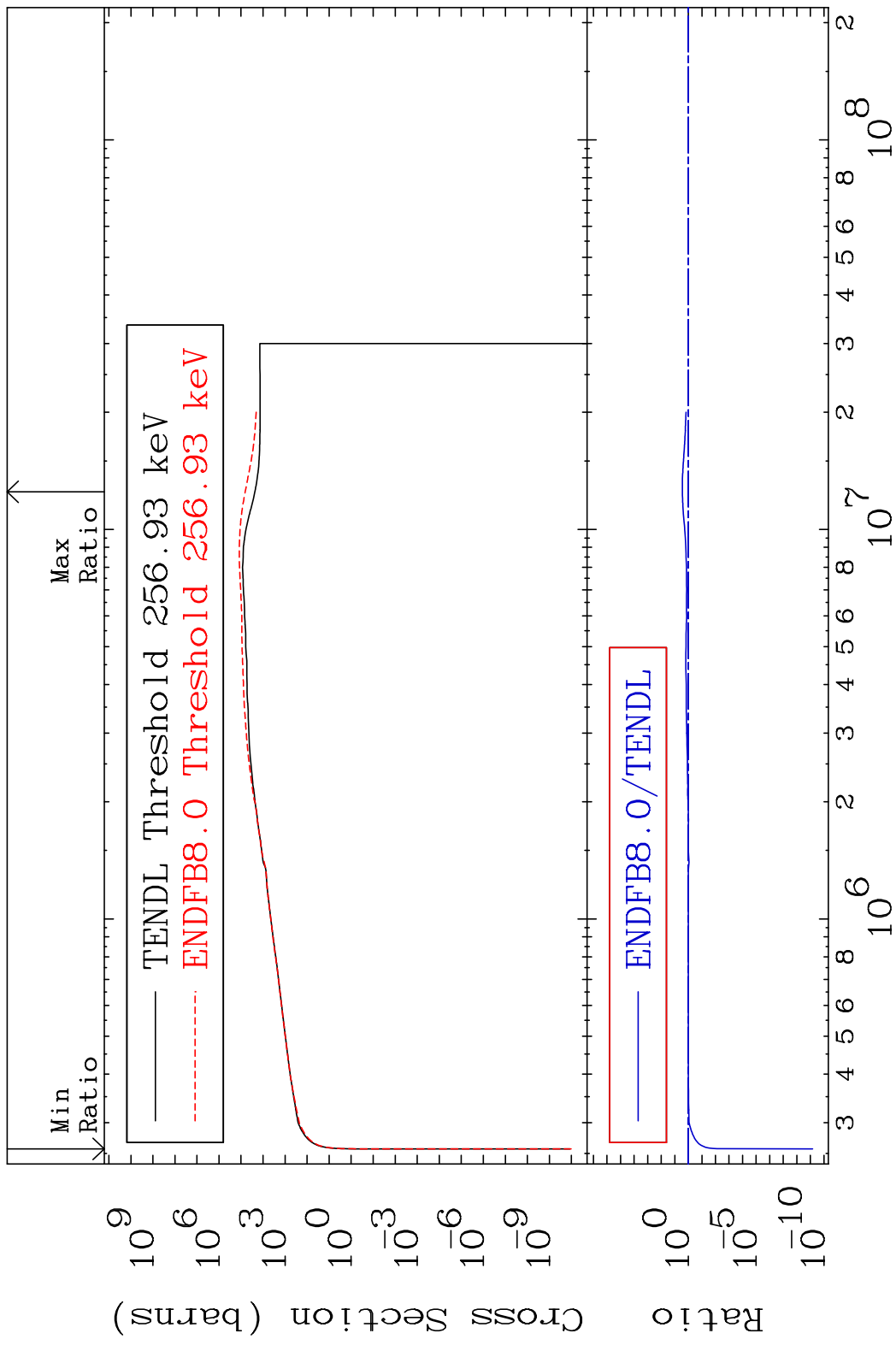


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Incident Energy (eV)

58-Ce-139

MAT 5834 Dpa inelastic (mt51-91) 58-Ce-139
 Cross Section -100.0 To 176.6 %



MAT 5834 Dpa disappearance (mt102 -120) 58-Ce-139
 Cross Section -99.99 To 9999. %

