

Program Complot
(Version 2021-1)

by

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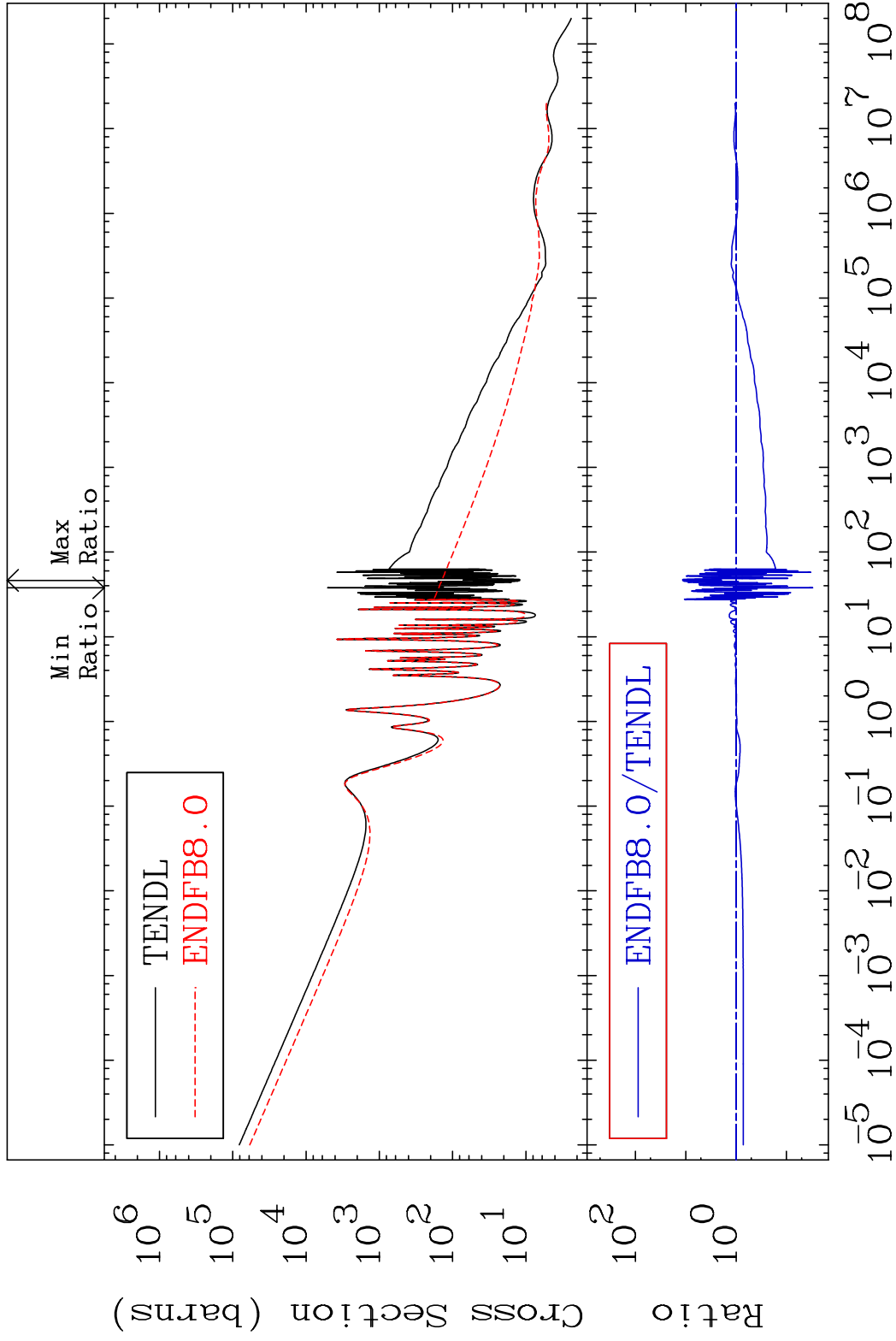
Press Mouse Button to Start

MAT 6334

Total

63-Eu-154

Cross Section -96.96 To 1066. %



1

Incident Energy (eV)

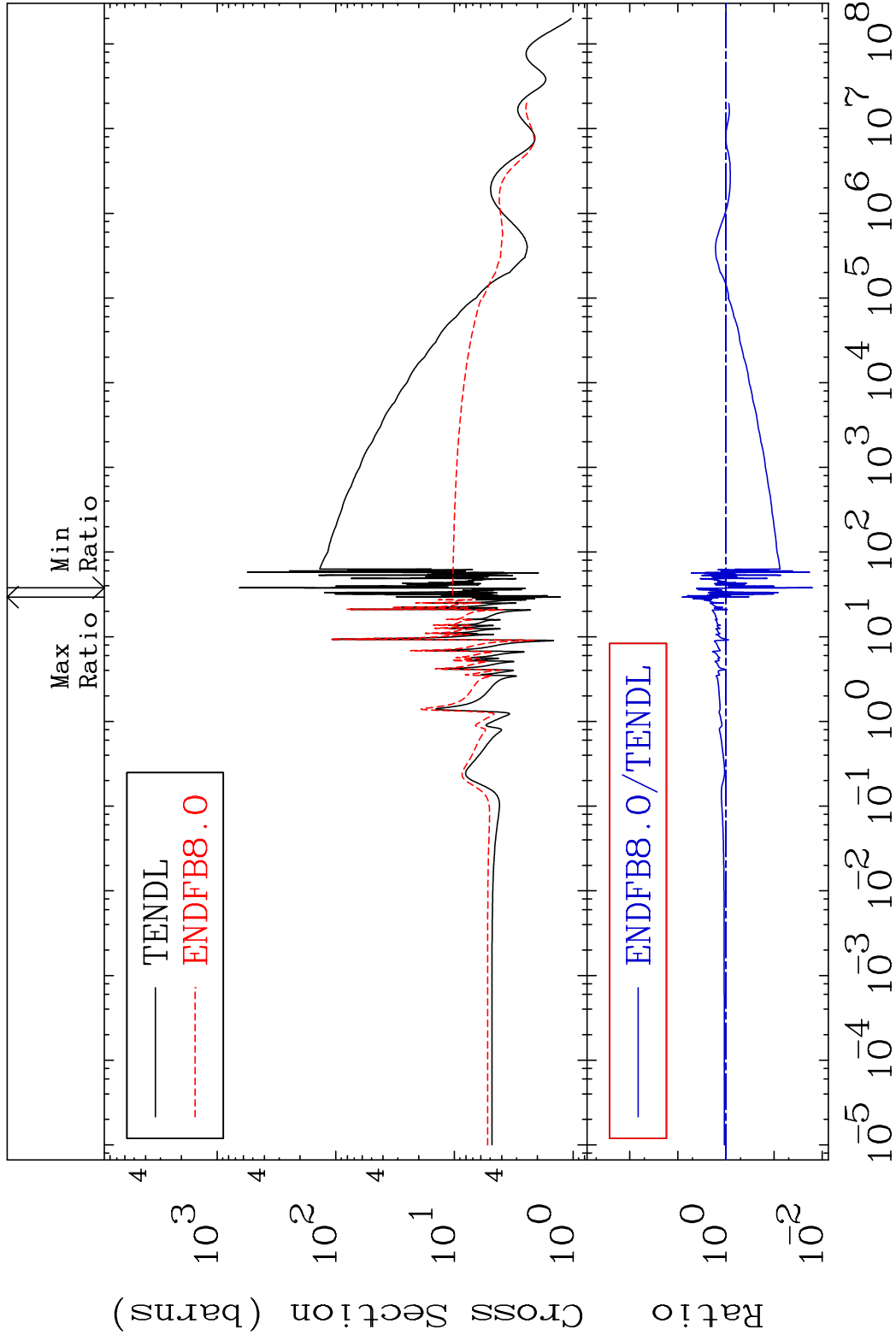
63-Eu-154

MAT 6334

Elastic

63-Eu-154

Cross Section -98.41 To 707.4 %

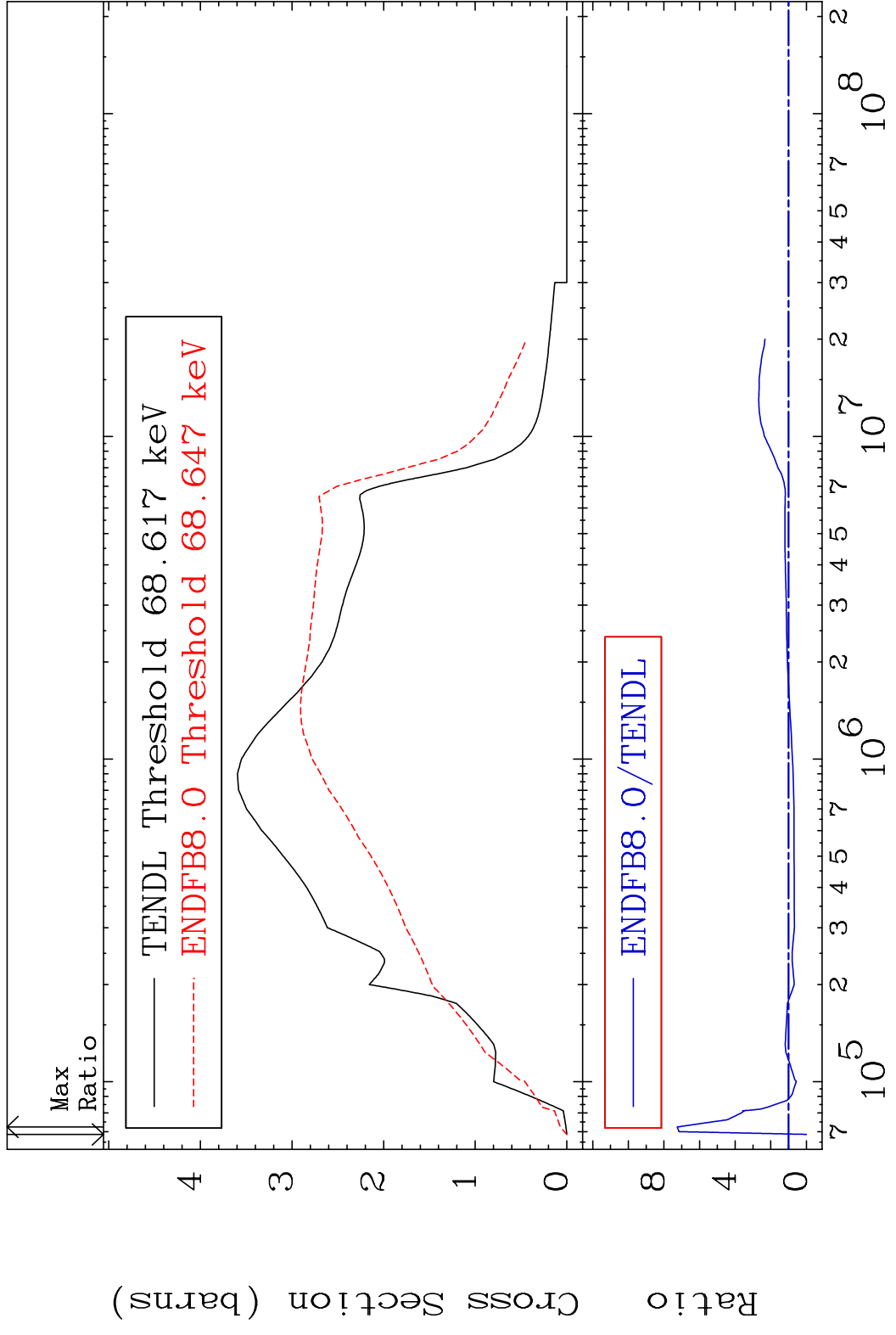


2

Incident Energy (eV)

63-Eu-154

MAT 6334 Inelastic 63-Eu-154
 Cross Section -100.0 To 625.8 %



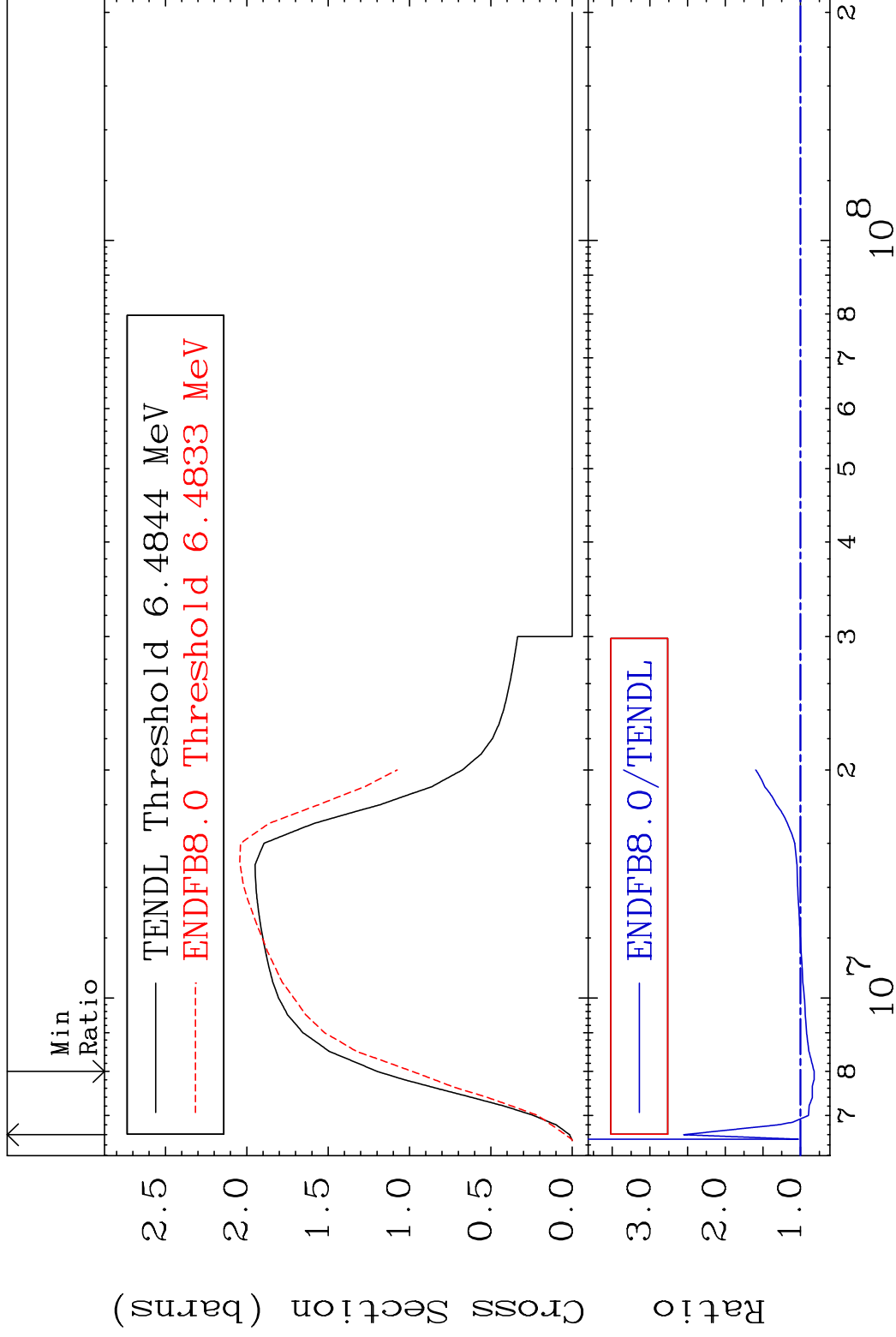
3 Incident Energy (eV) 63-Eu-154

MAT 6334

(n,2n)

63-Eu-154

Cross Section -18.04 To 155.2 %

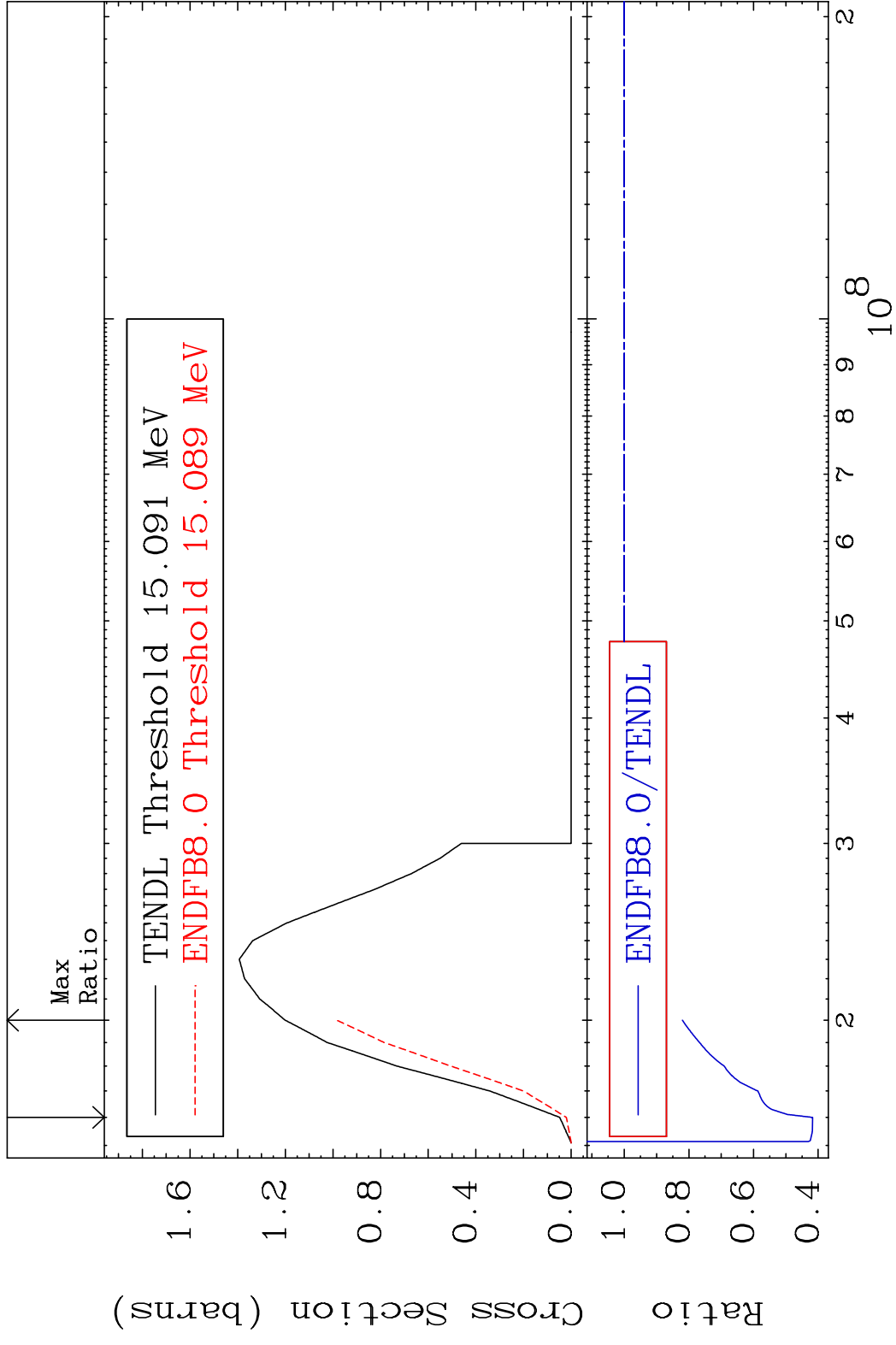


4

Incident Energy (eV)

63-Eu-154

MAT 6334 (n,3n) 63-Eu-154
 Cross Section -58.26 To -17.98%

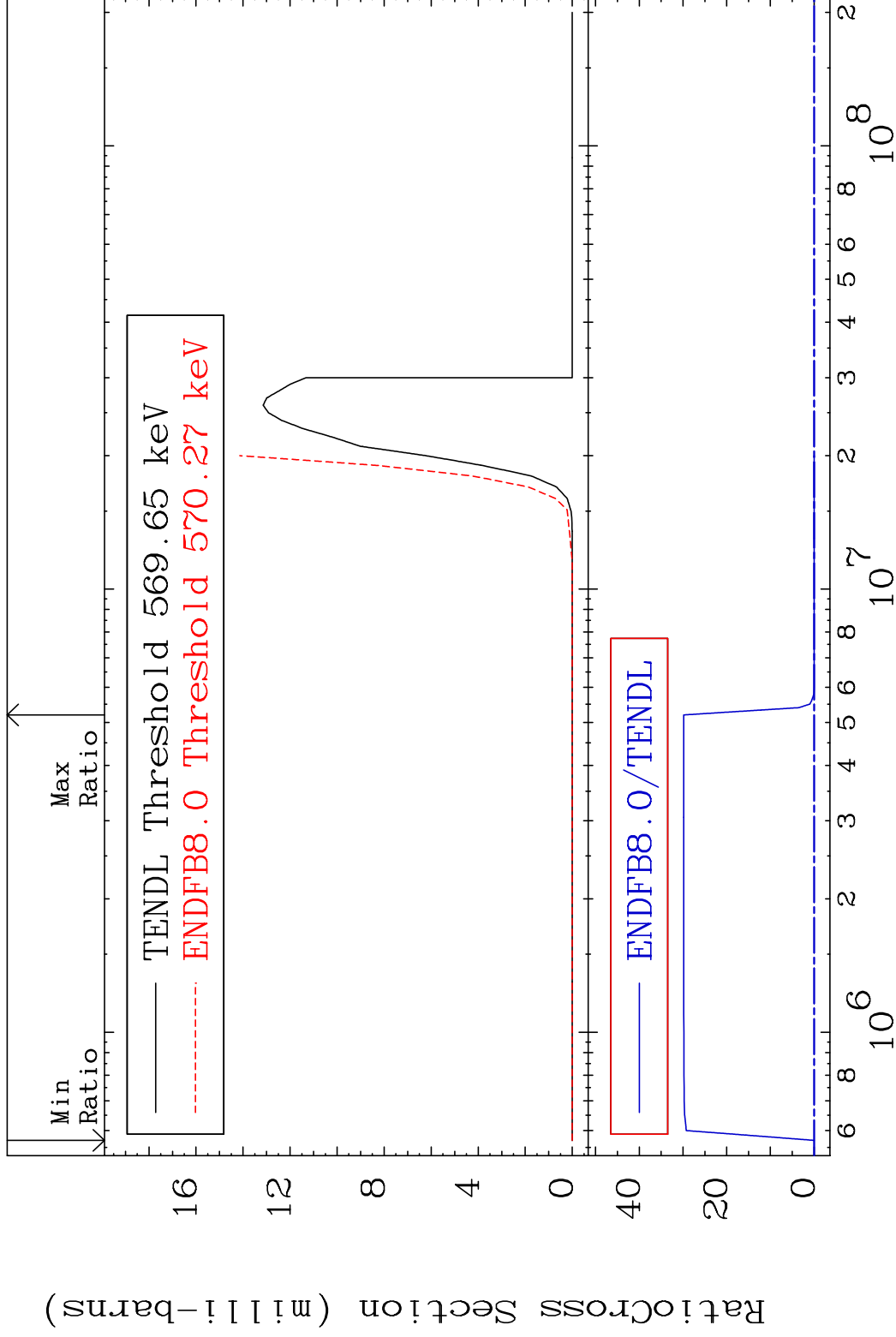


MAT 6334

(n, n') α

63-Eu-154

Cross Section -100.0 To 9999. %

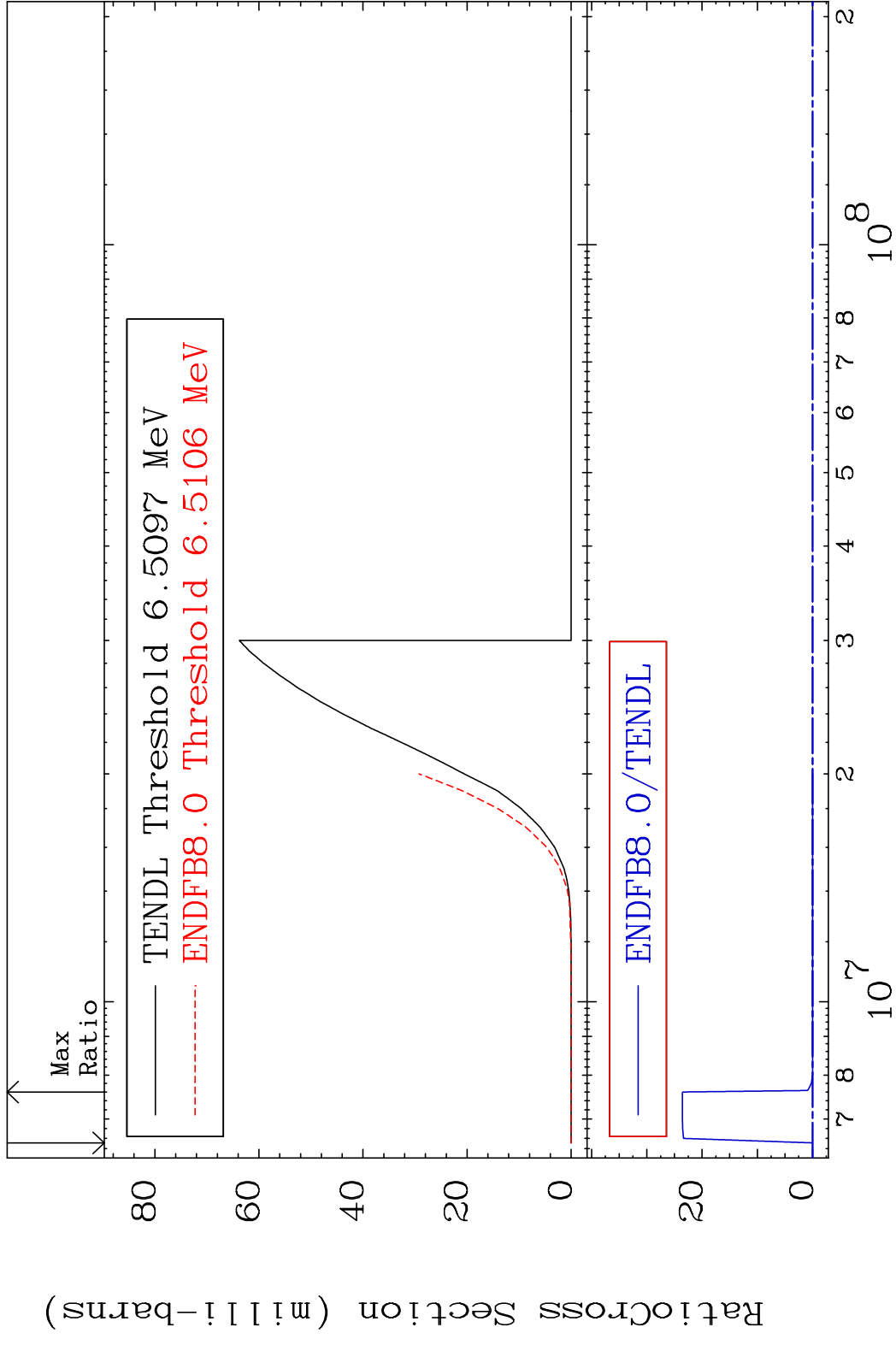


6

Incident Energy (eV)

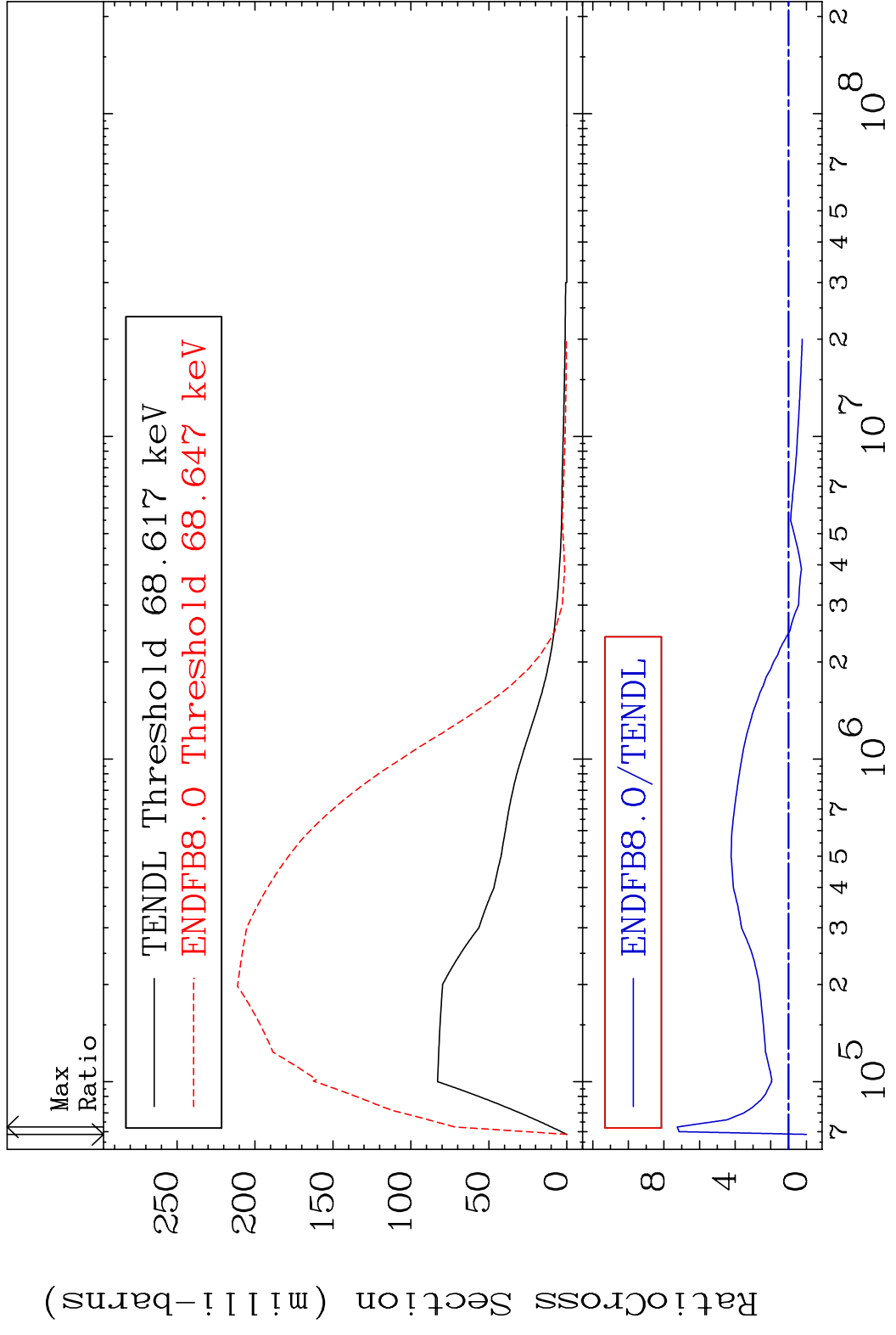
63-Eu-154

MAT 6334 (n, n') p 63-Eu-154
 Cross Section -100.0 To 9999. %



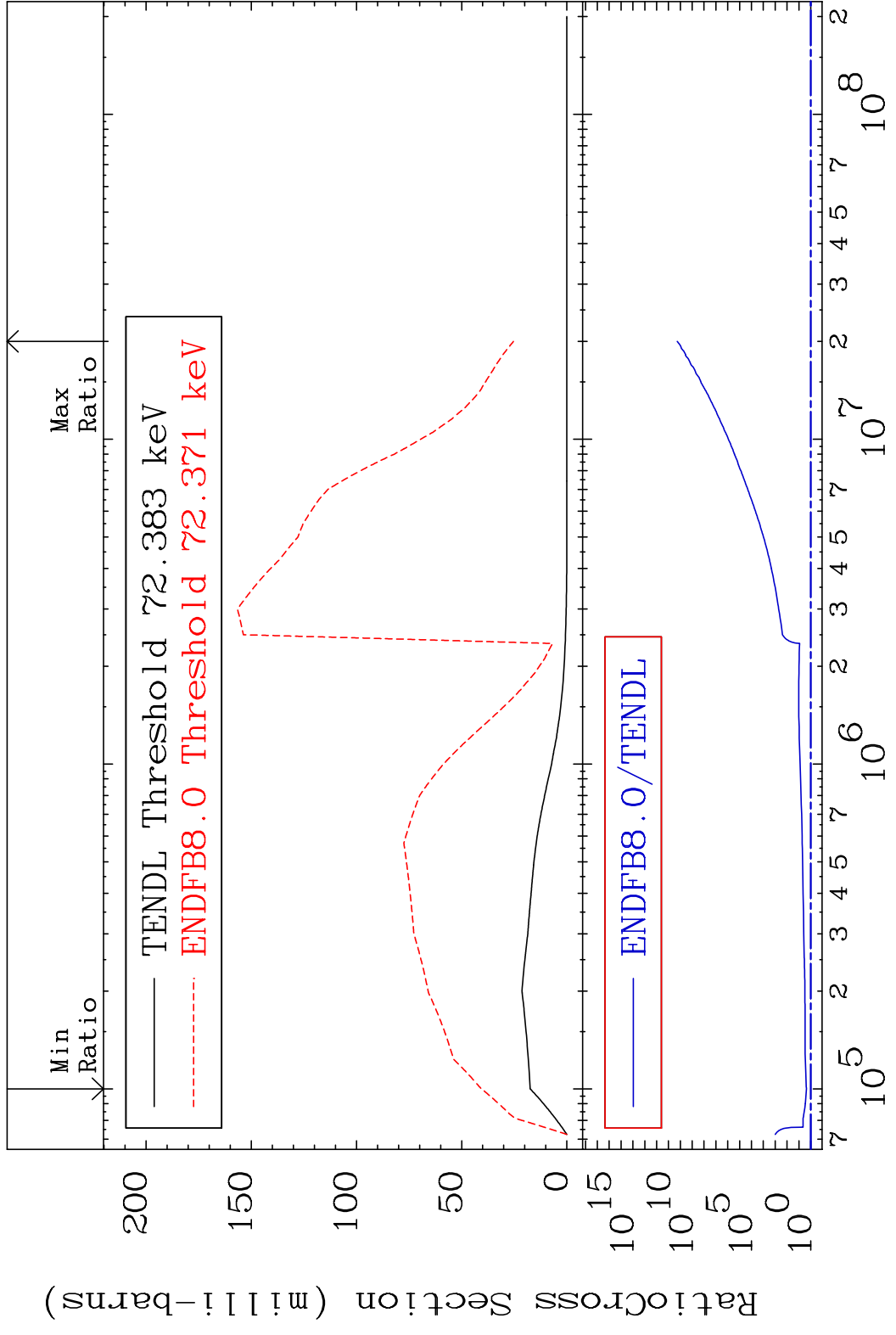
7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 63-Eu-154

MAT 6334 MT= 51 (n,n') Level 63-Eu-154
 Cross Section -100.0 To 625.8 %



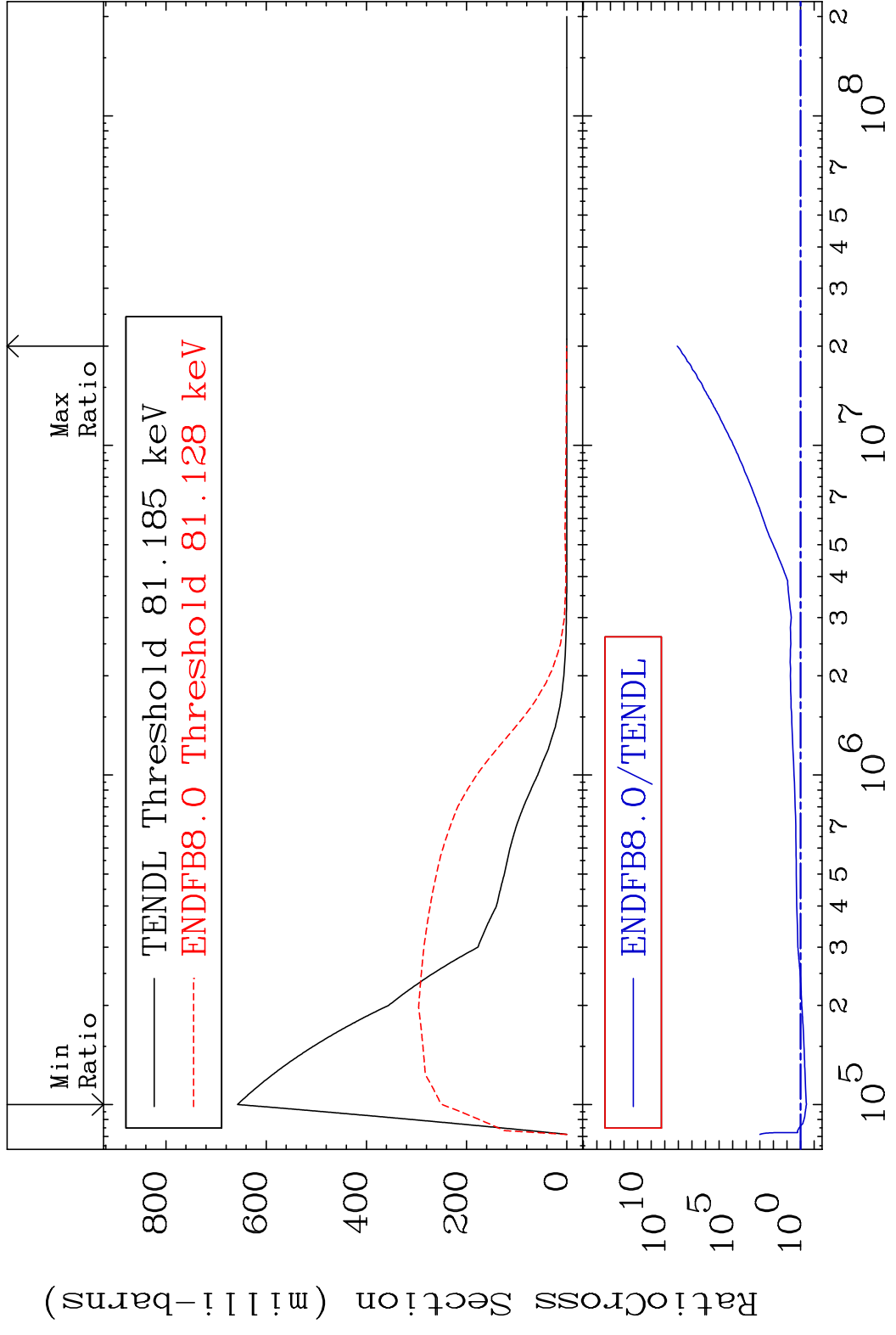
8 Incident Energy (eV) 63-Eu-154

MAT 6334 MT= 52 (n,n') Level 63-Eu-154
 Cross Section 132.9 To 9999. %



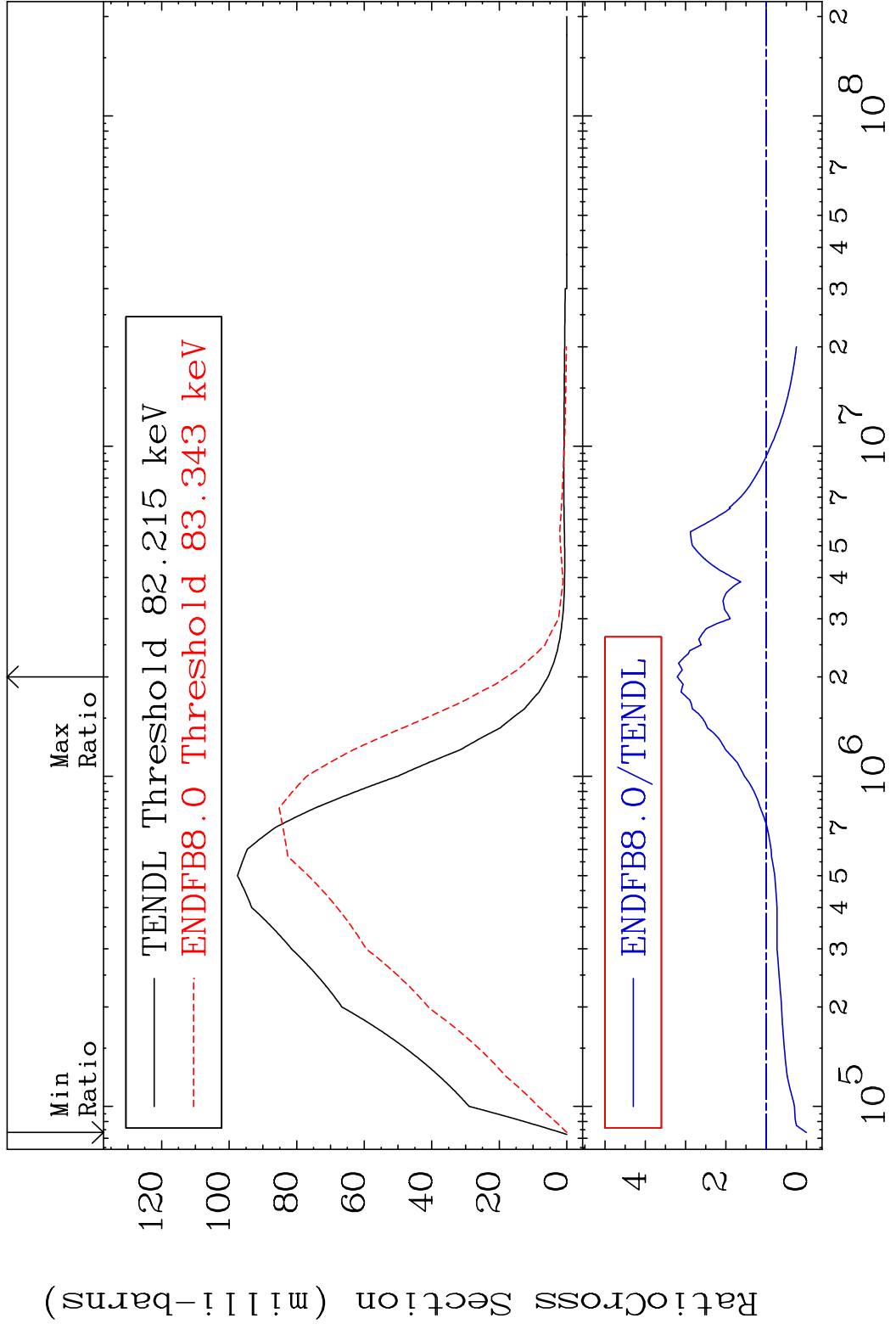
9 Incident Energy (eV) 63-Eu-154

MAT 6334 MT= 53 (n,n') Level 63-Eu-154
 Cross Section -62.12 To 9999. %

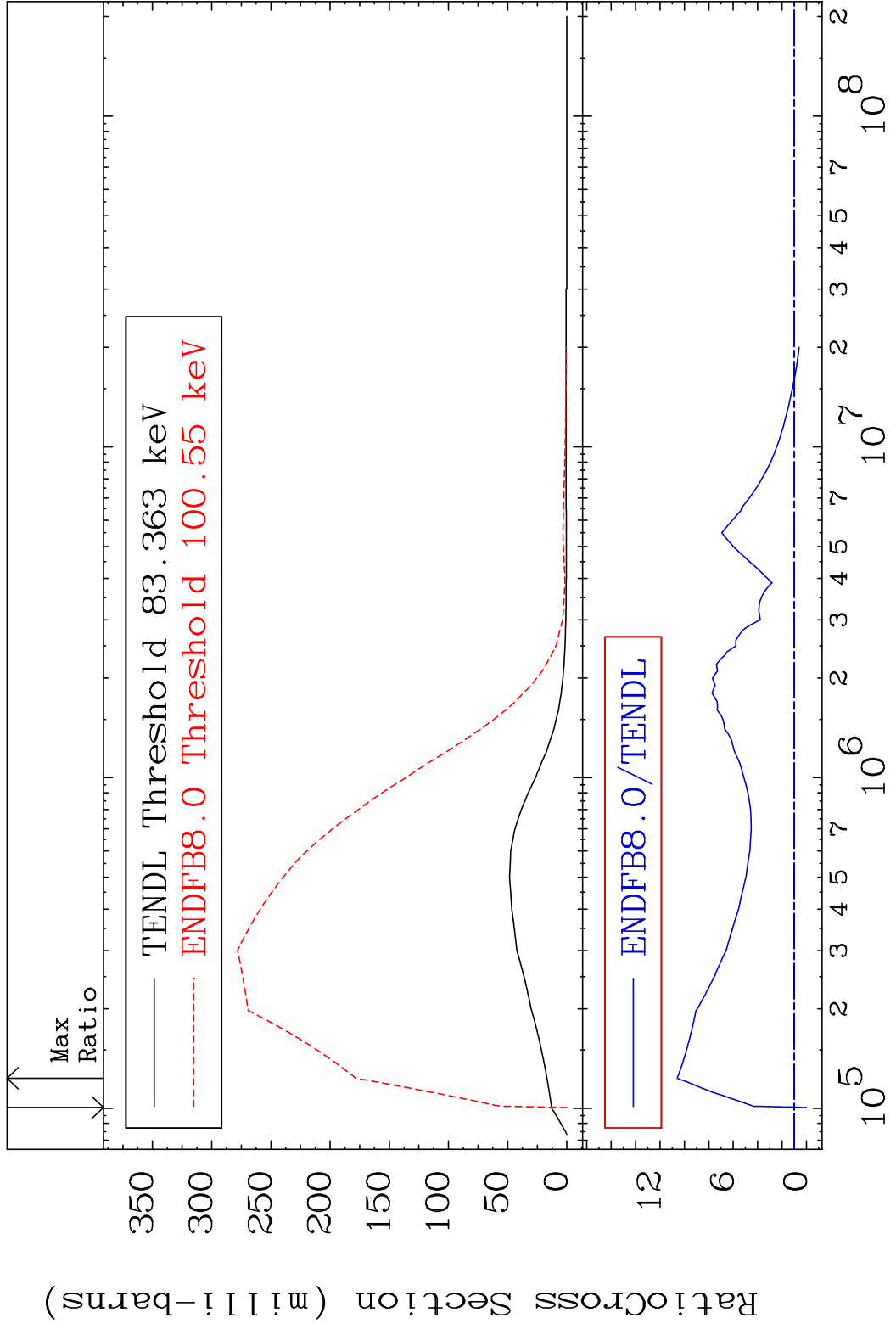


10 10 10⁵ 10⁶ 10⁷ 10⁸ 2 3 4 5 6 7 8 2 63-Eu-154

MAT 6334 MT= 54 (n, n') Level 63-Eu-154
 Cross Section -100.0 To 220.8 %

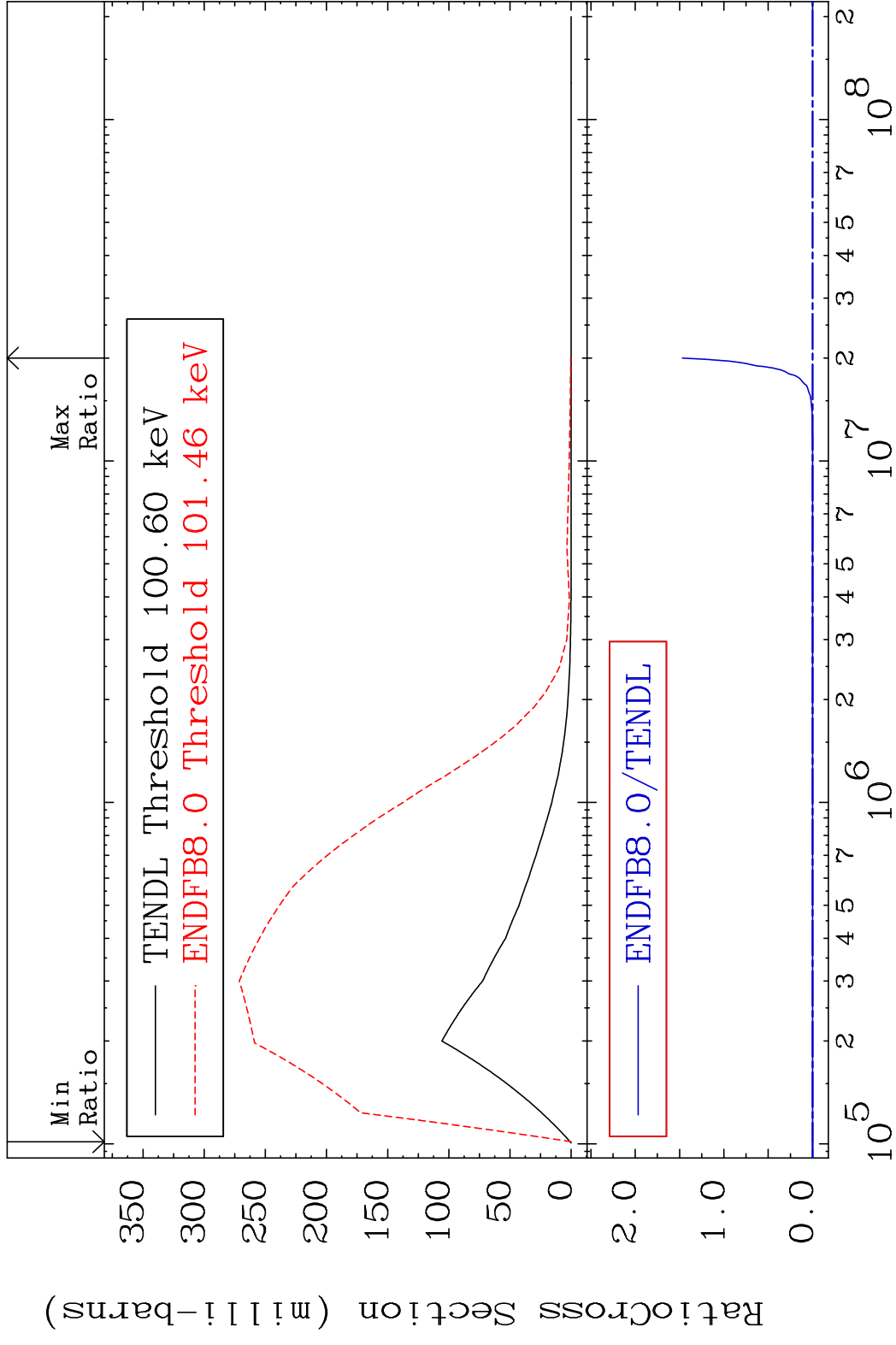


MAT 6334 MT= 55 (n,n') Level 63-Eu-154
 Cross Section -100.0 To 959.1 %

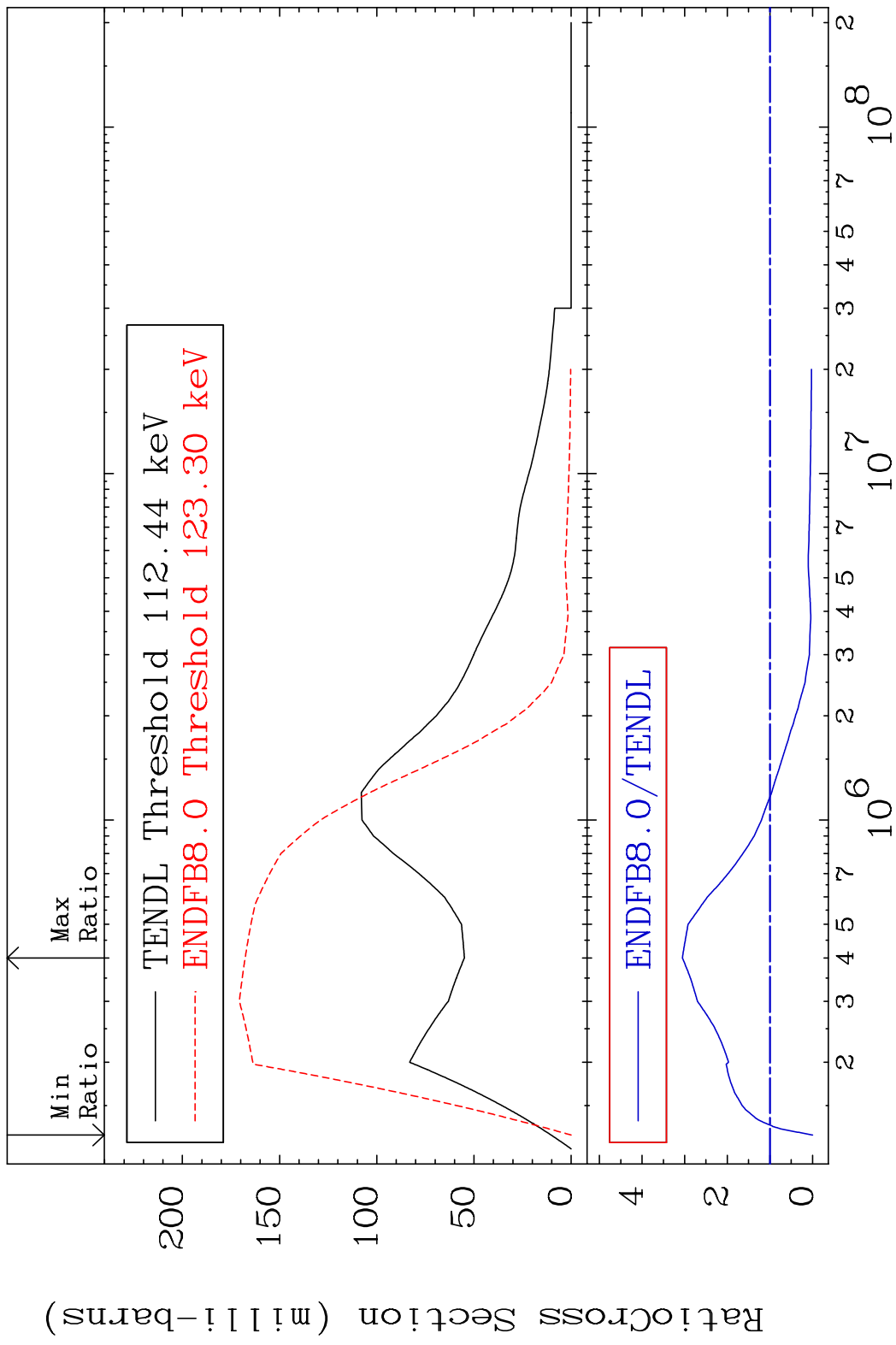


12 Incident Energy (eV) 63-Eu-154

MAT 6334 MT= 56 (n,n') Level 63-Eu-154
 Cross Section -100.0 To 9999. %



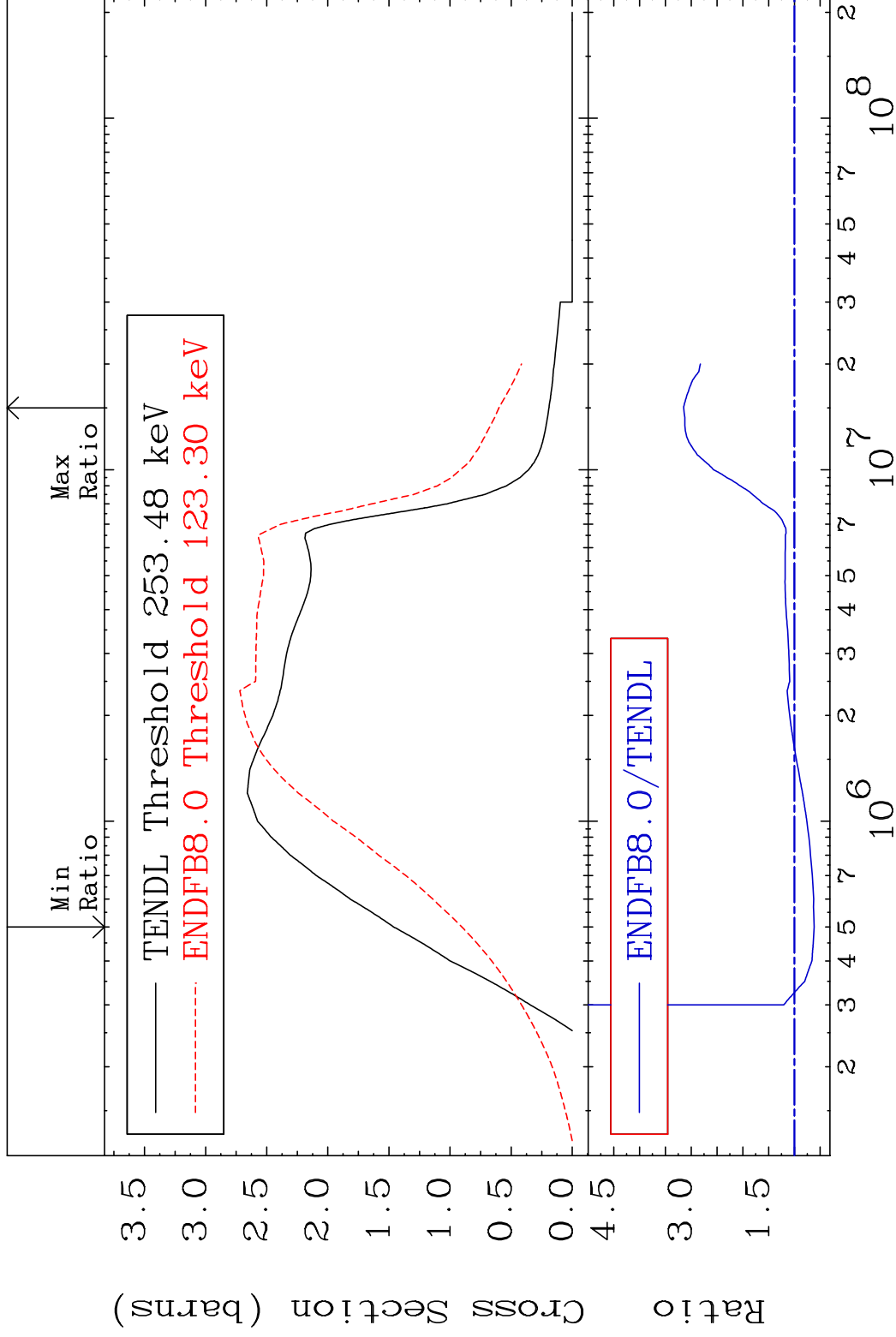
MAT 6334 MT= 57 (n, n') Level 63-Eu-154
 Cross Section -100.0 To 205.4 %



MAT 6334

(n,n') Continuum
Cross Section -38.19 To 214.6 %

63-Eu-154

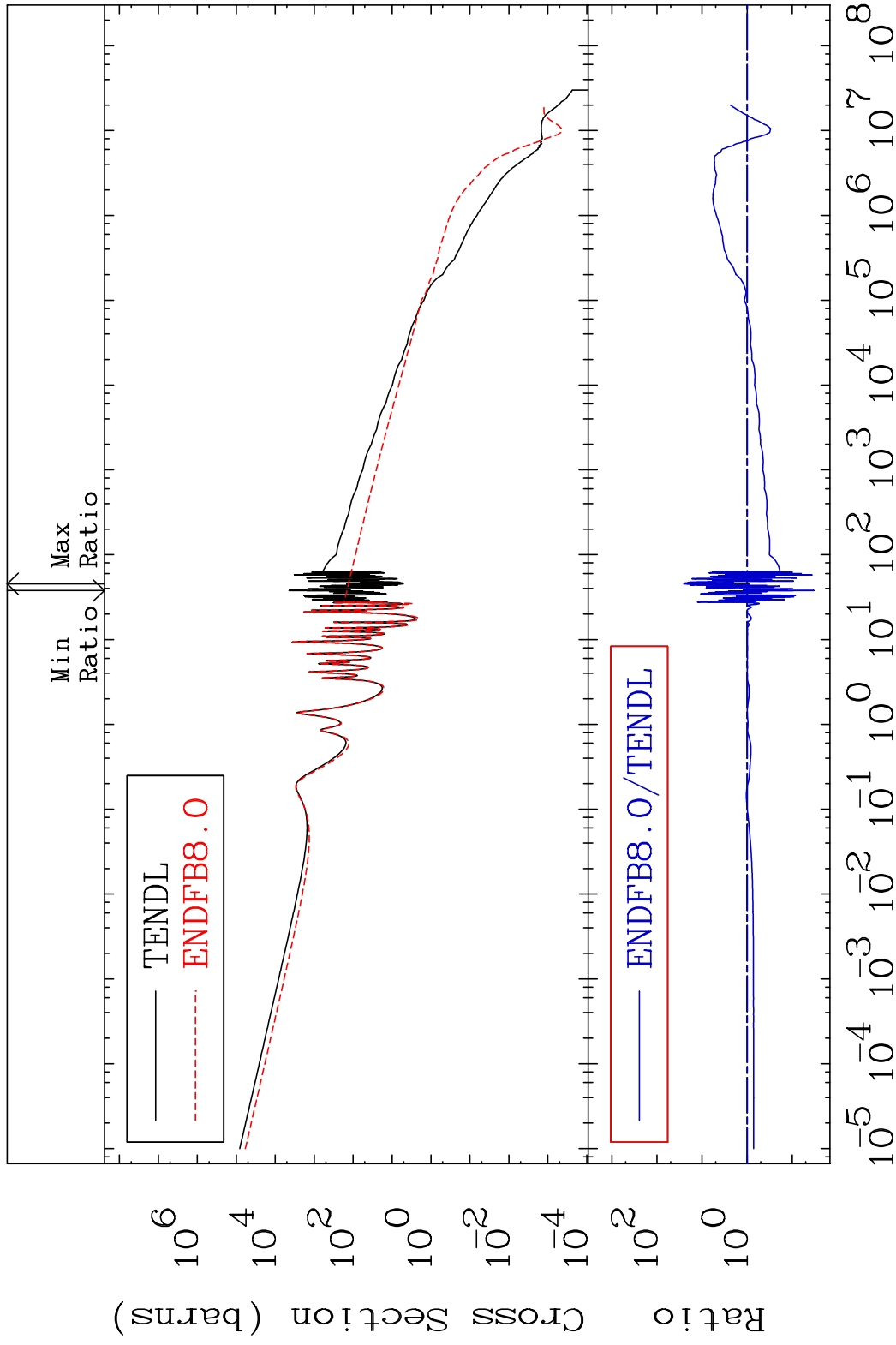


MAT 6334

(n, γ)

63-Eu-154

Cross Section -96.75 To 2466. %



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Incident Energy (eV)

63-Eu-154

MAT 6334

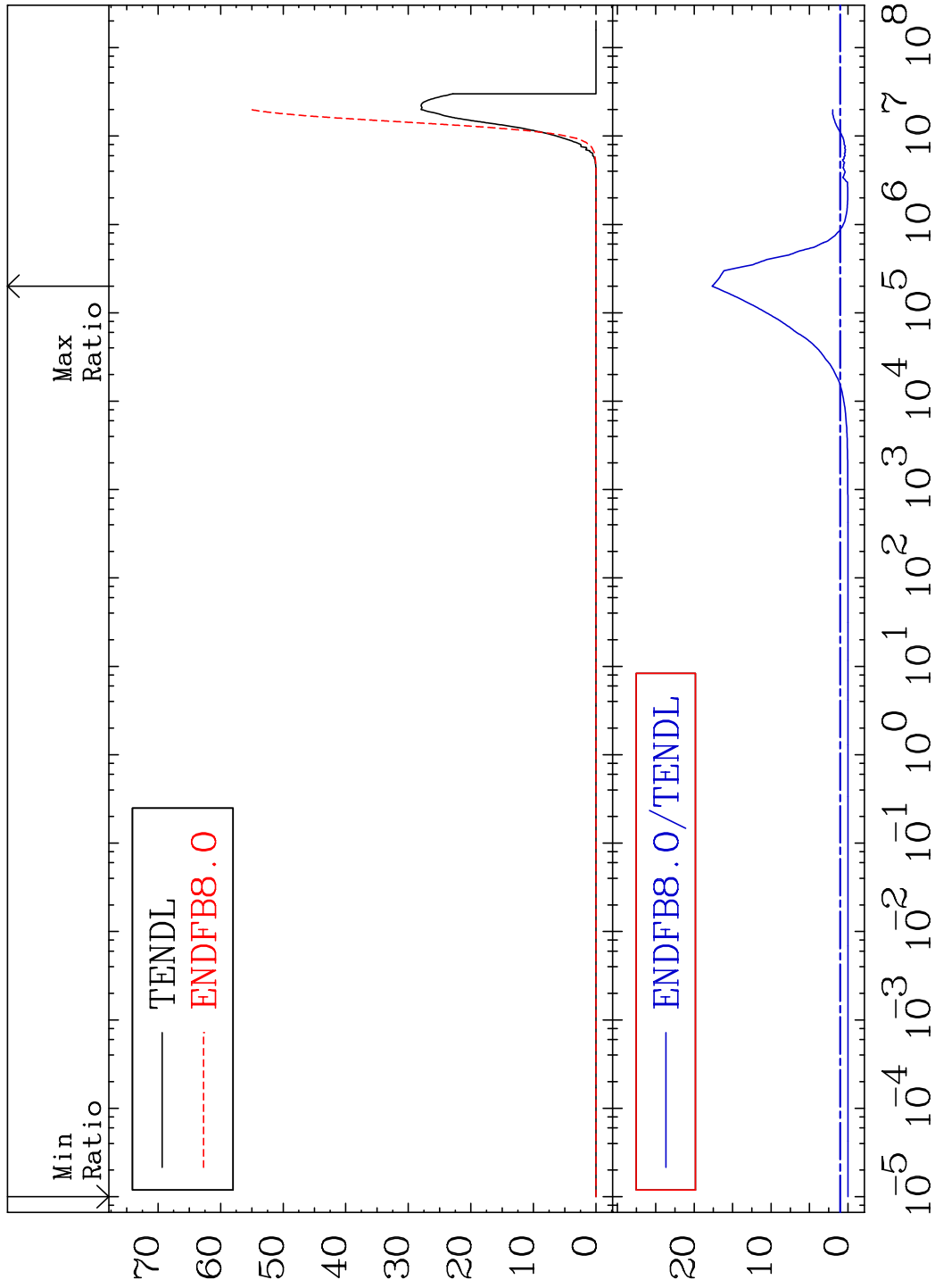
(n, p)

63-Eu-154

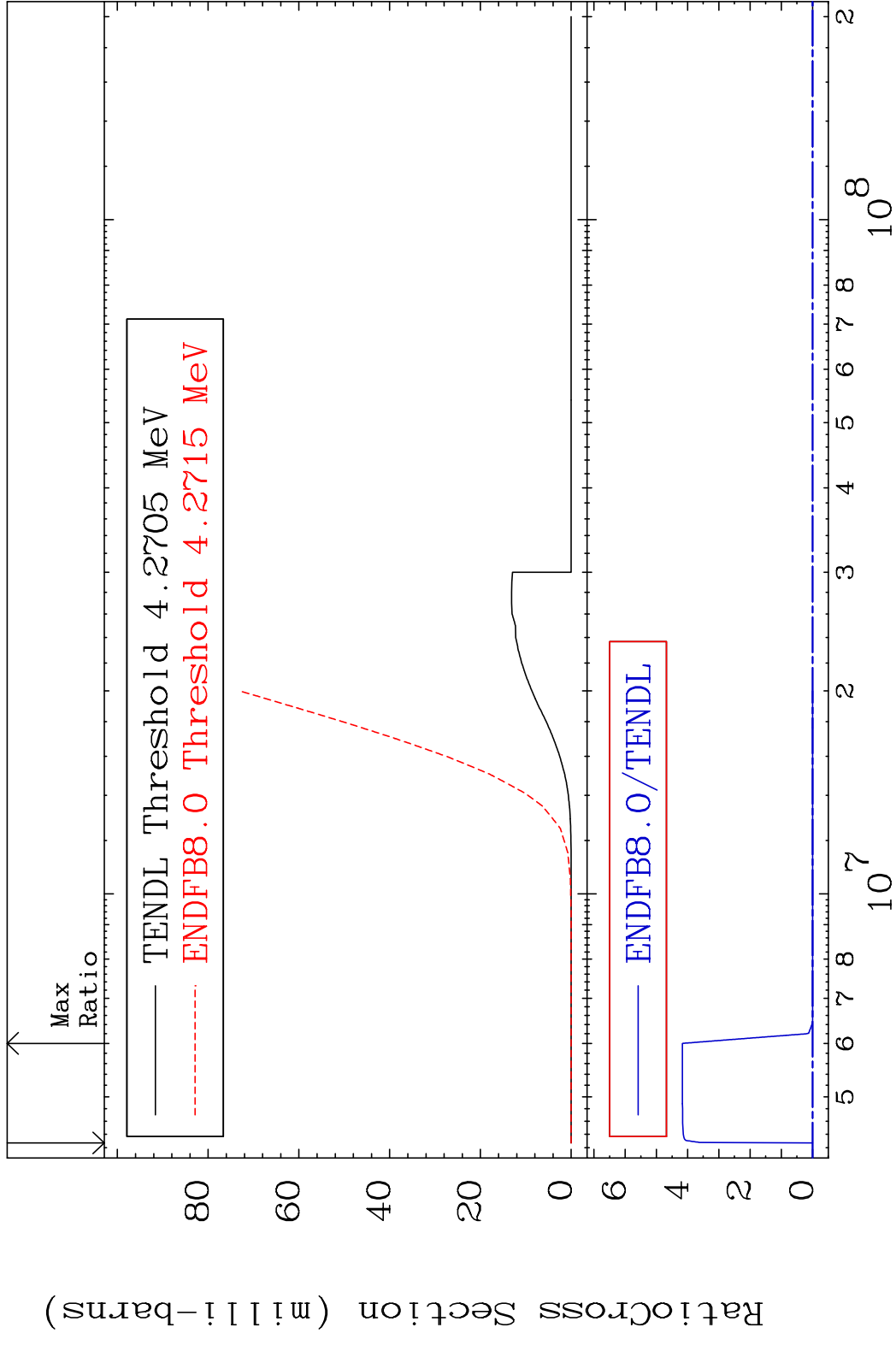
Cross Section

-100.0 To 1667. %

RatioCross Section (milli-barns)



MAT 6334 (n,d) 63-Eu-154
 Cross Section -100.0 To 9999. %

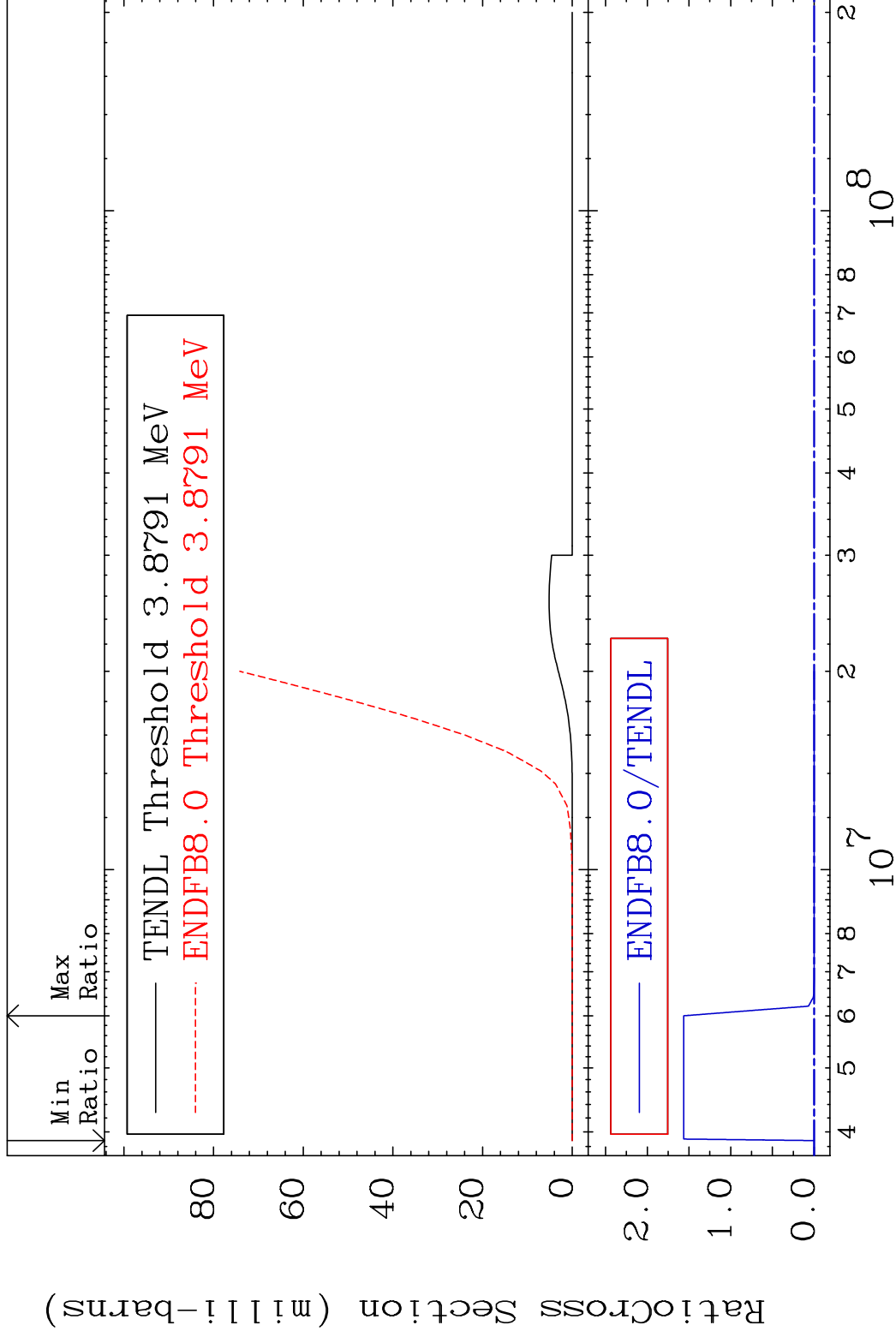


MAT 6334

(n, t)

63-Eu-154

Cross Section -100.0 To 9999. %

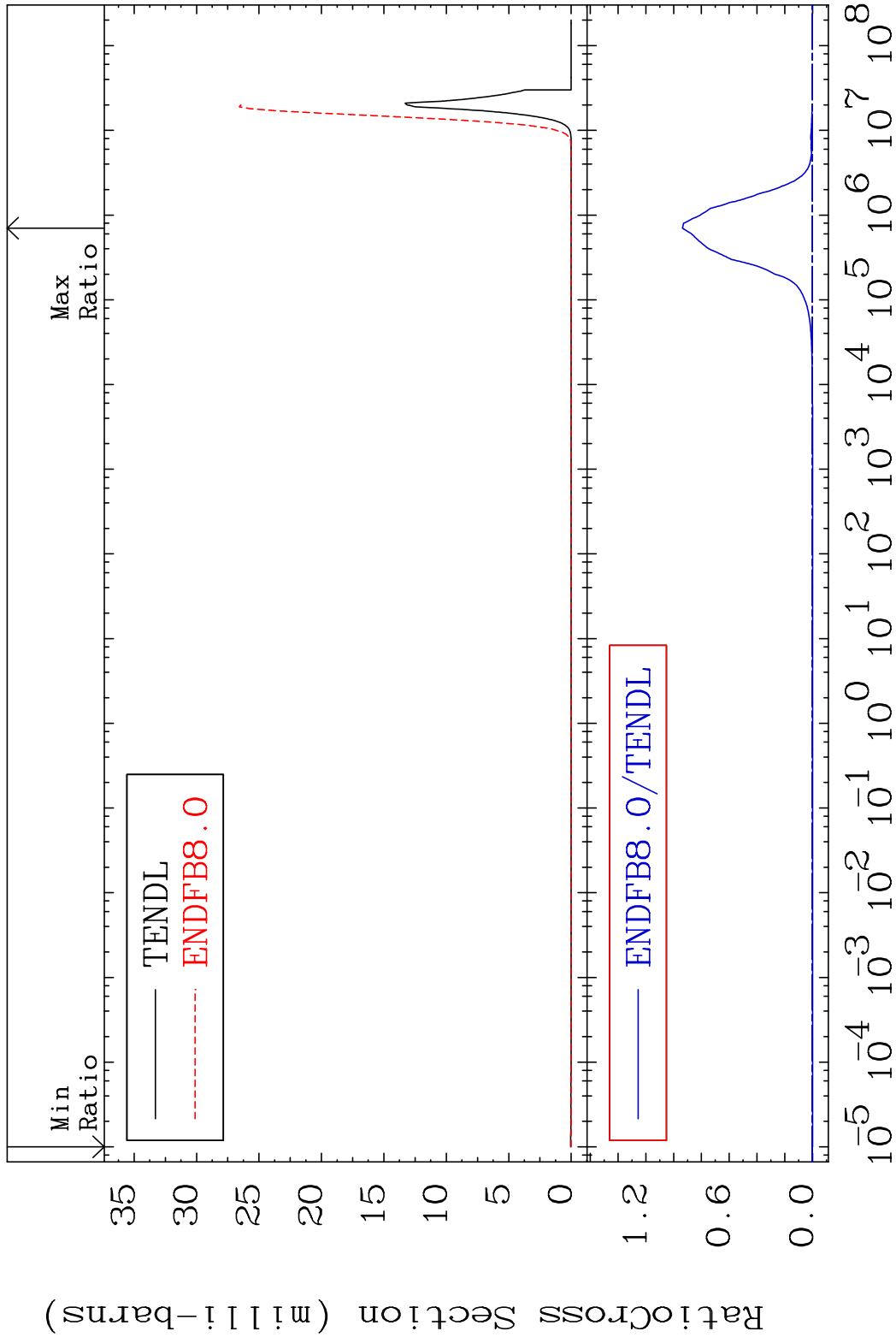


MAT 6334

63-Eu-154

(n, α)

Cross Section -100.0 To 9999. %

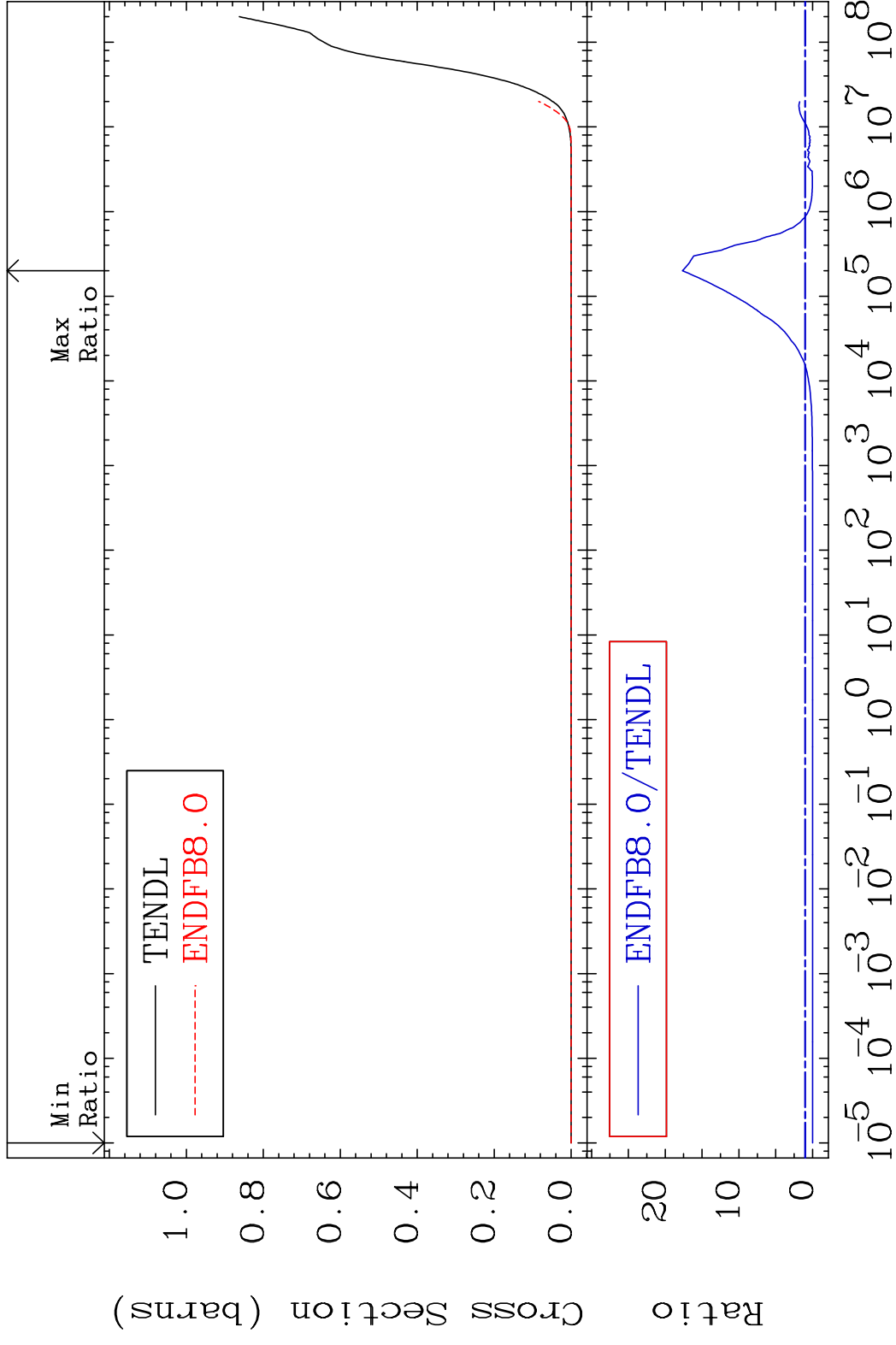


20

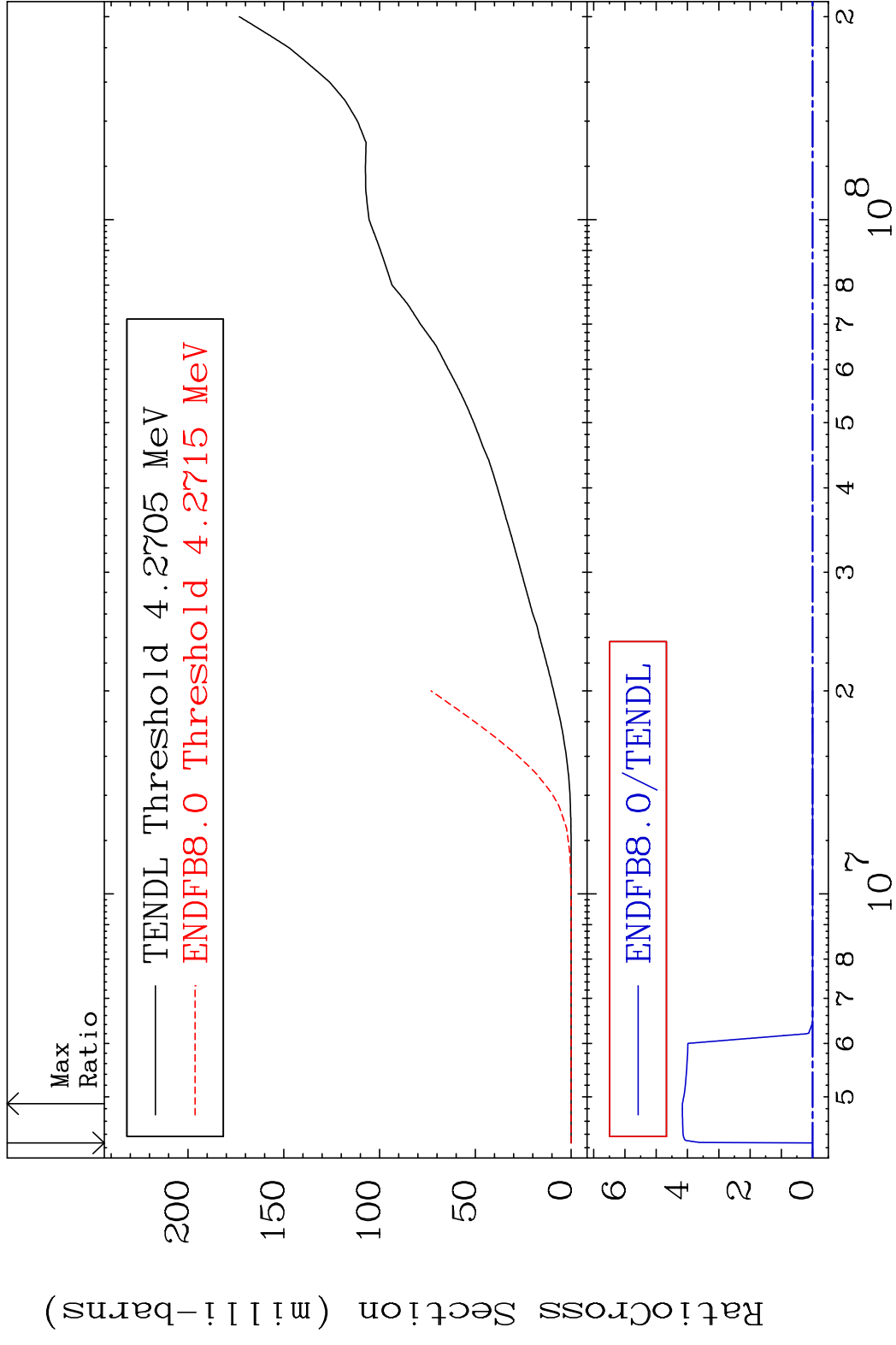
Incident Energy (eV)

63-Eu-154

MAT 6334 Hydrogen Production 63-Eu-154
 Cross Section -100.0 To 1667. %

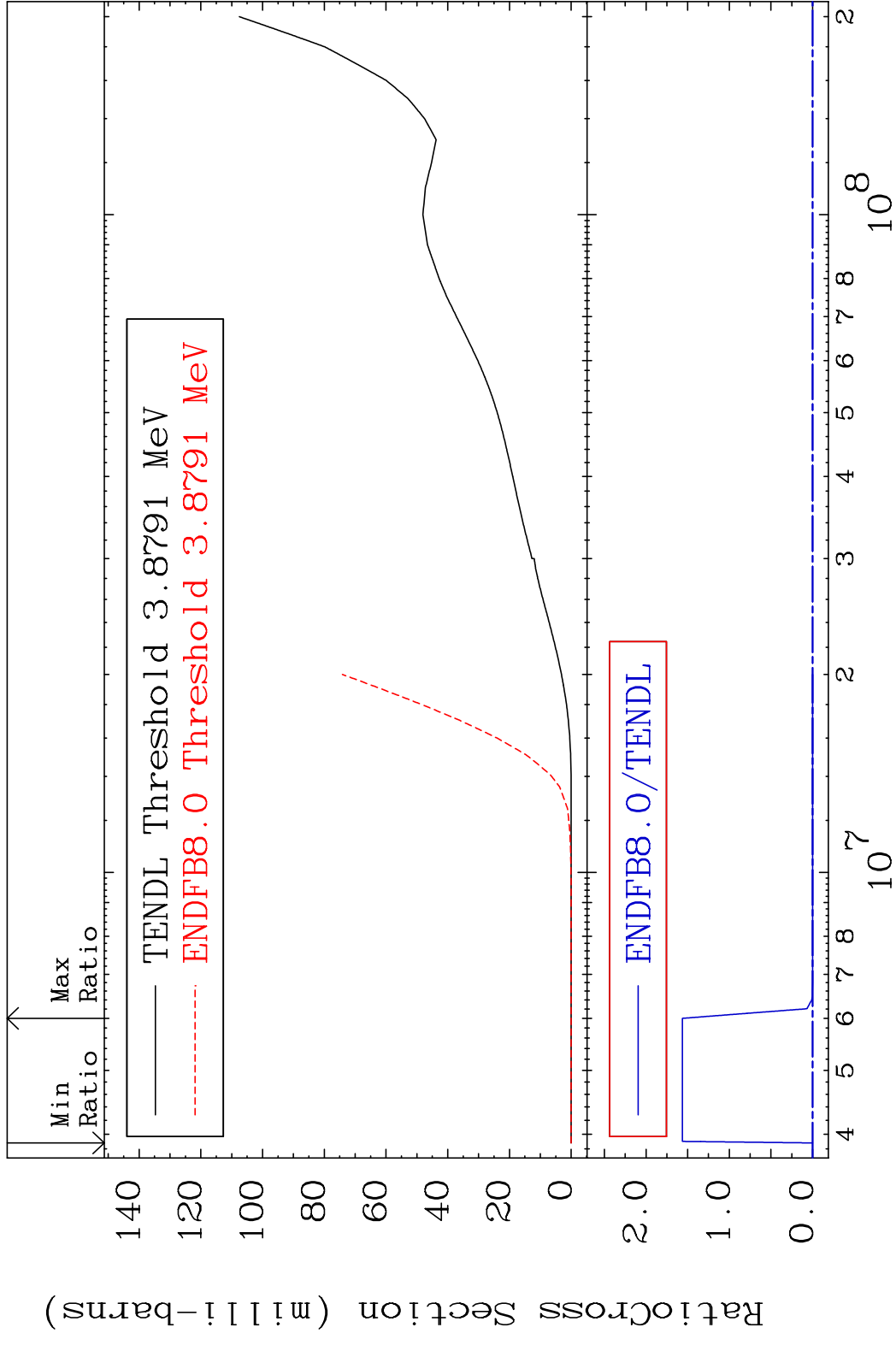


MAT 6334 Deuterium Production 63-Eu-154
 Cross Section -100.0 To 9999. %

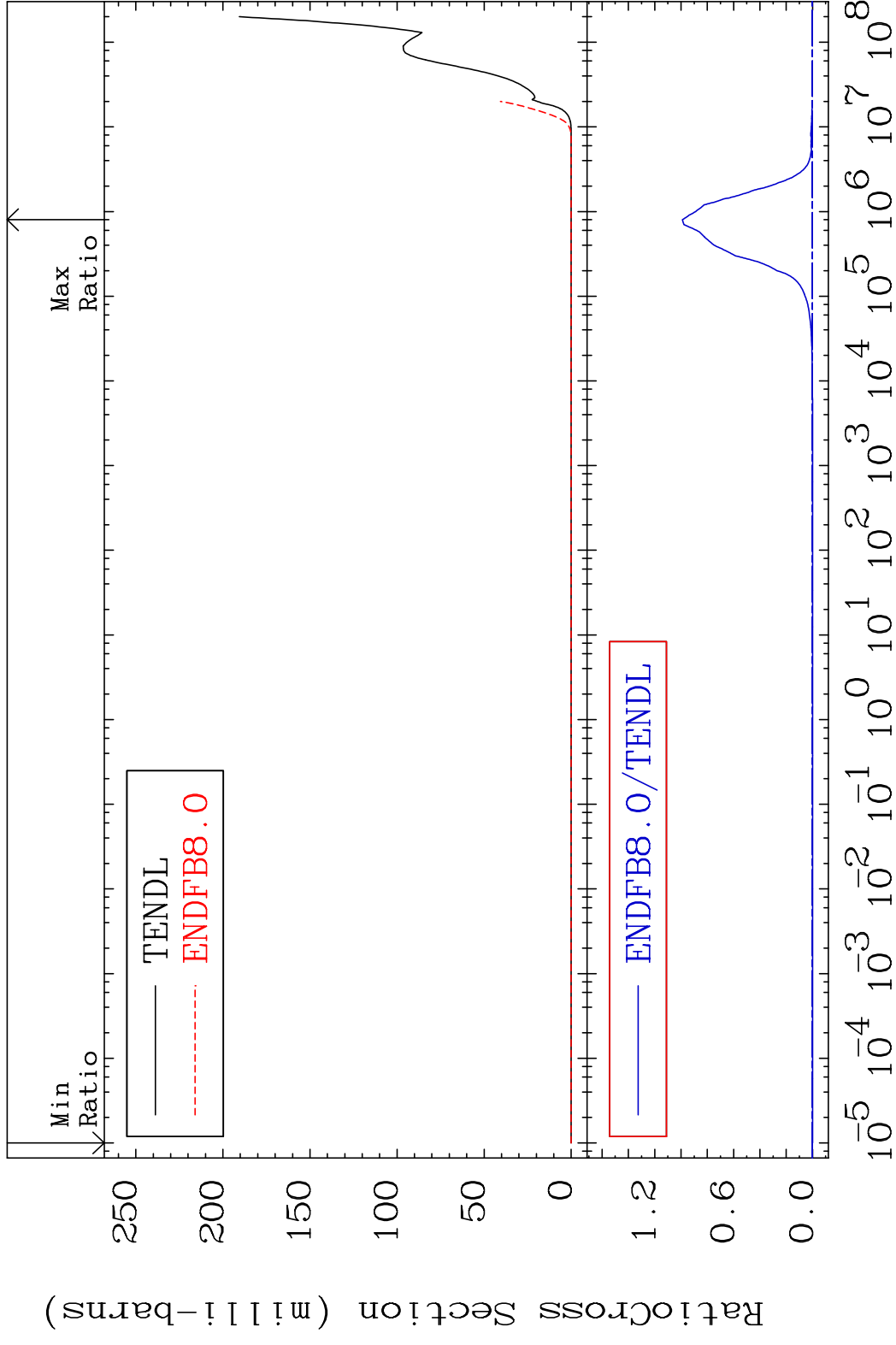


MAT 6334

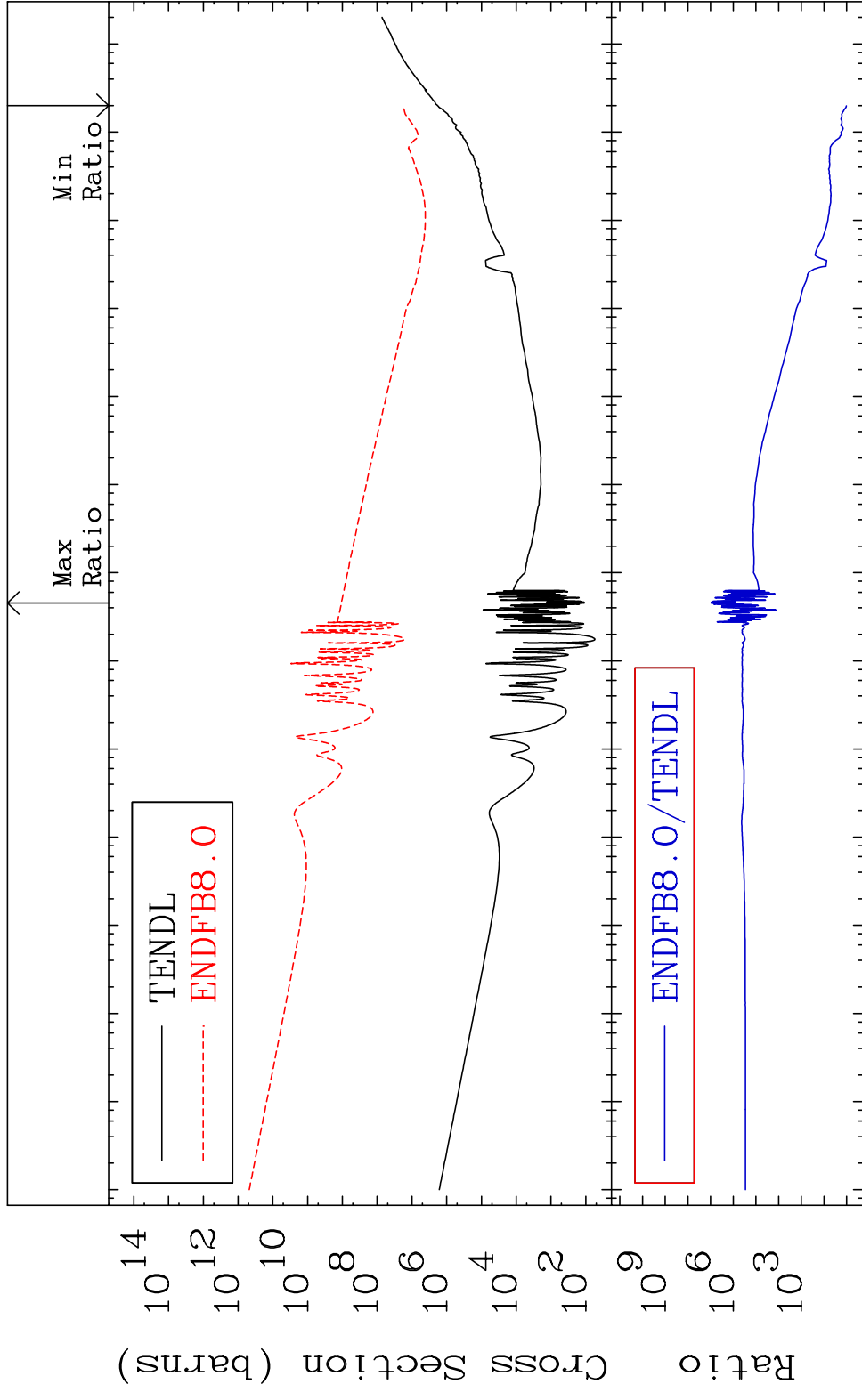
Tritium Production 63-Eu-154
Cross Section -100.0 To 9999. %



MAT 6334 He-4 Production 63-Eu-154
 Cross Section -100.0 To 9999. %



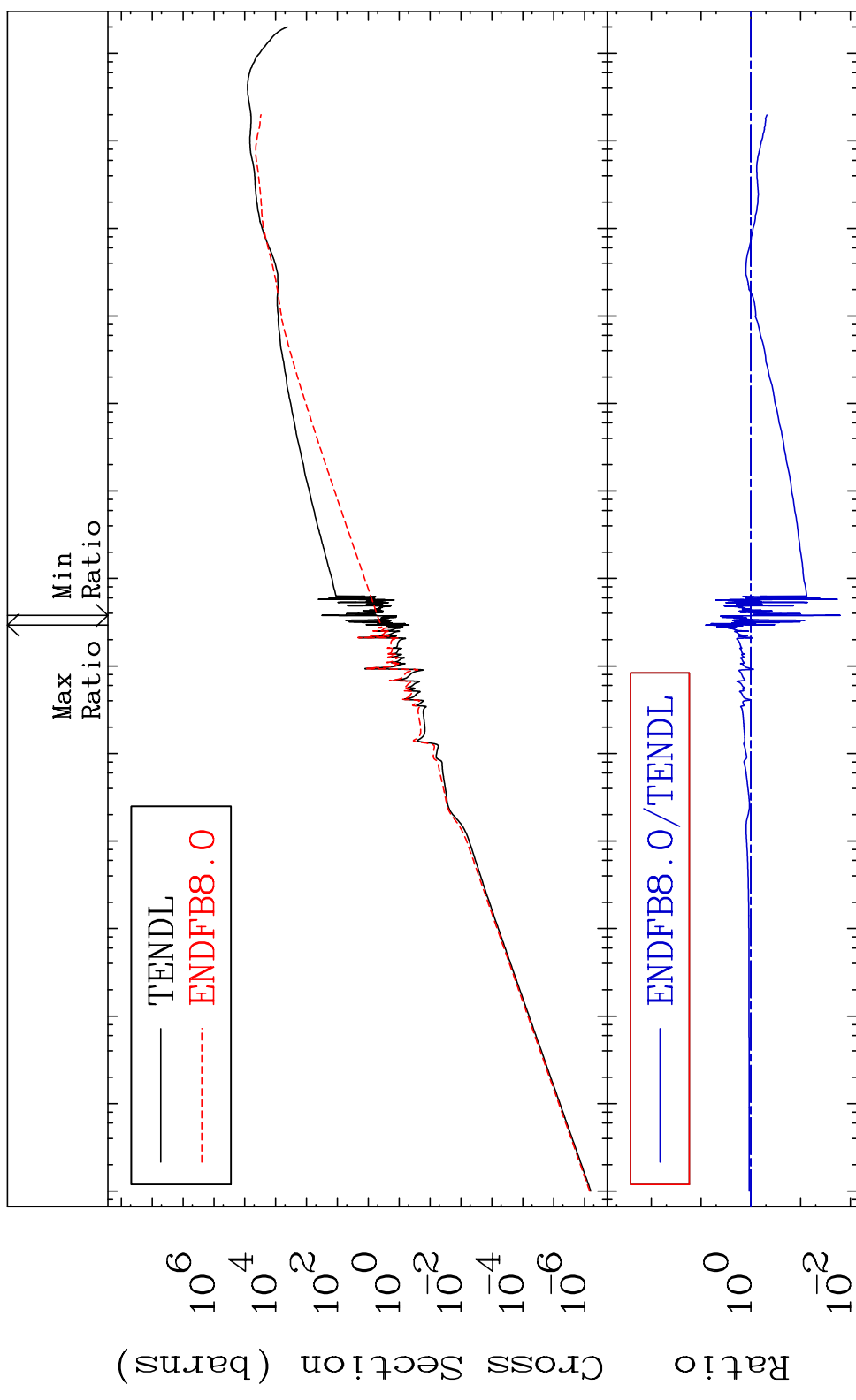
MAT 6334 Kerma total (eV-barns) 63-Eu-154
 Cross Section 936.2 To 9999. %



MAT 6334

Kerma elastic Cross Section -98.41 To 707.4 %

63-Eu-154

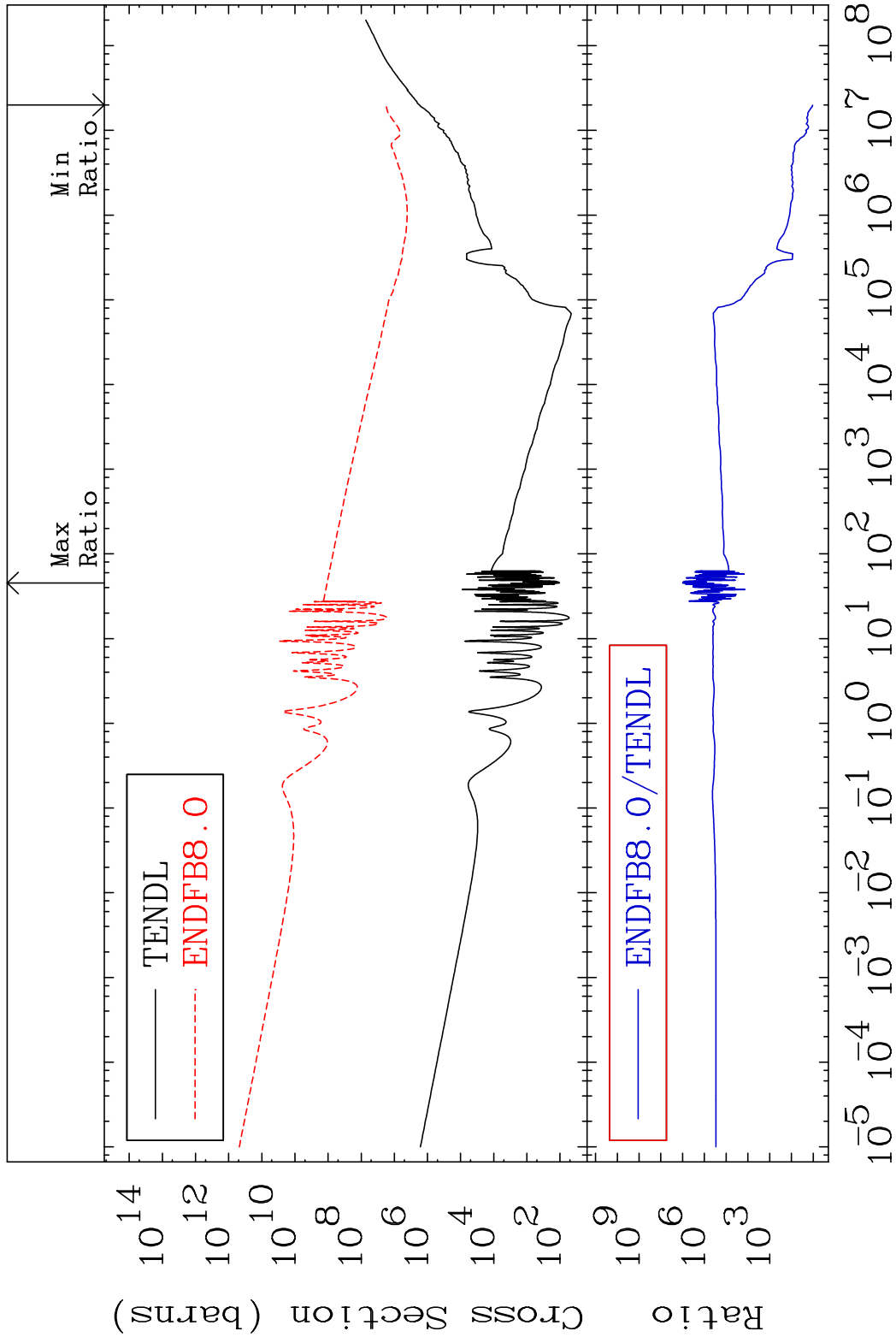


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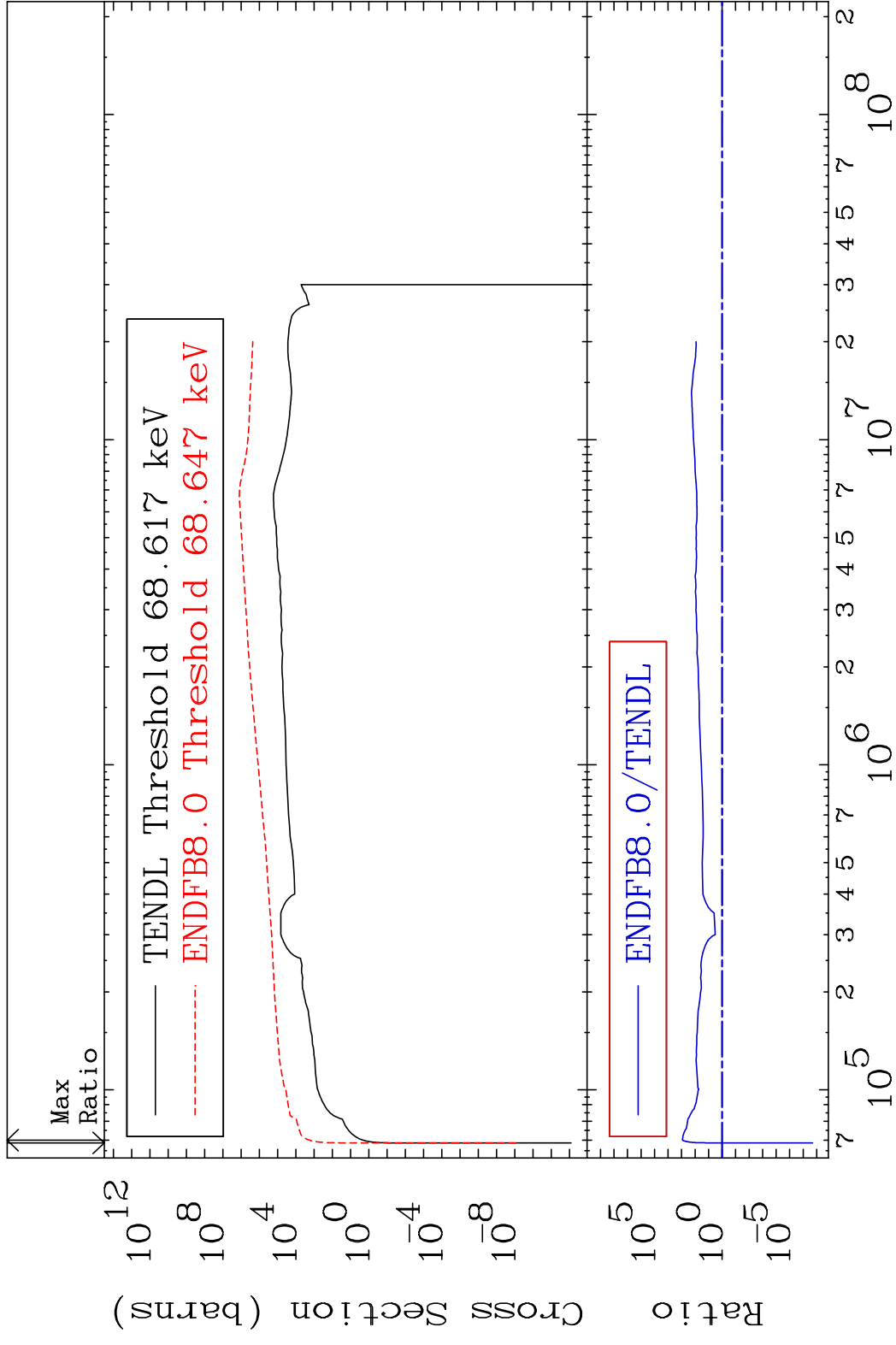
Incident Energy (eV)

63-Eu-154

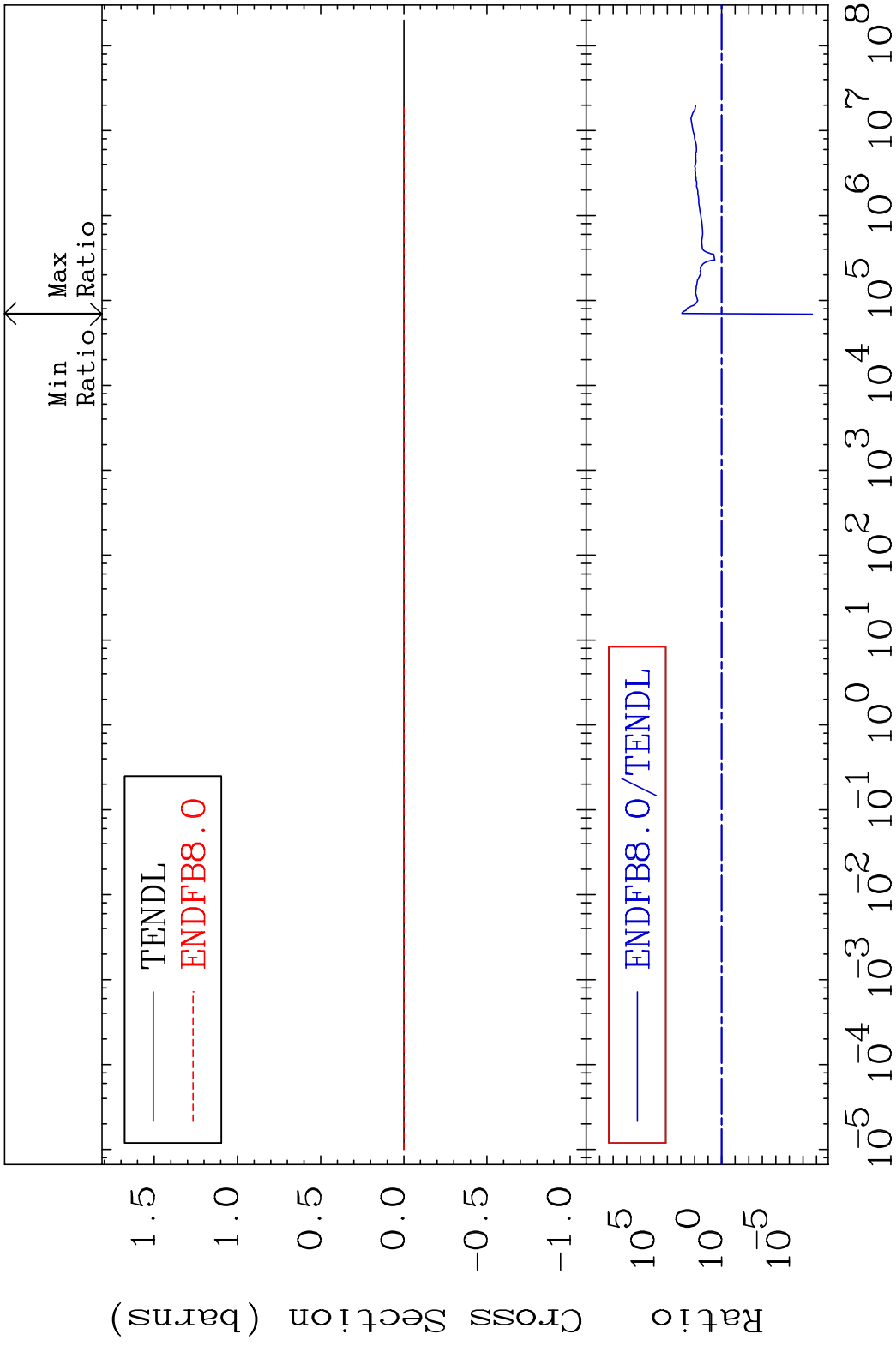
MAT 6334 Kerma non-elastic (all but mt2) 63-Eu-154
 Cross Section 972.1 To 9999. %



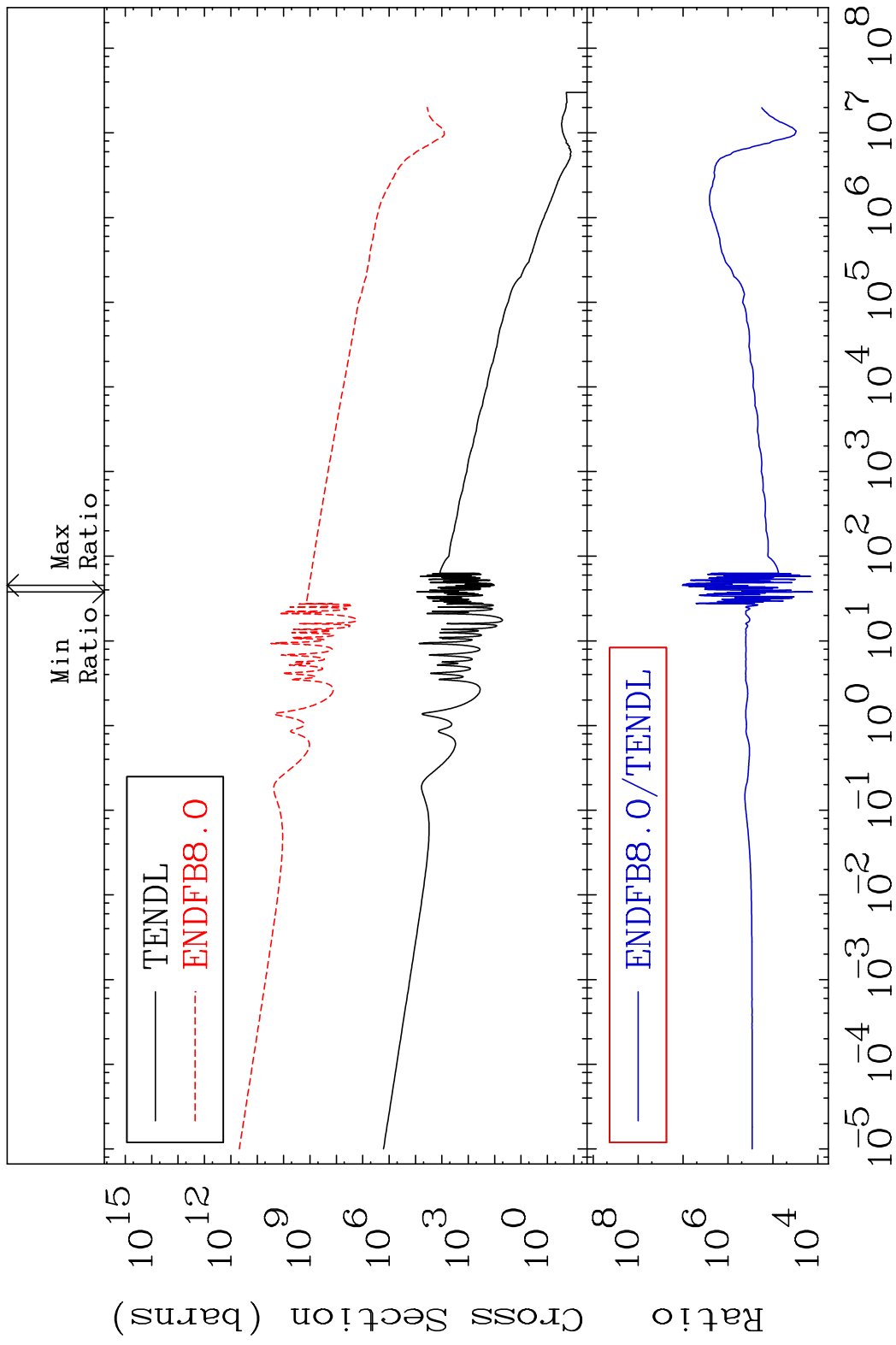
MAT 6334 Kerma inelastic (mt51-91) 63-Eu-154
 Cross Section -100.0 To 9999. %



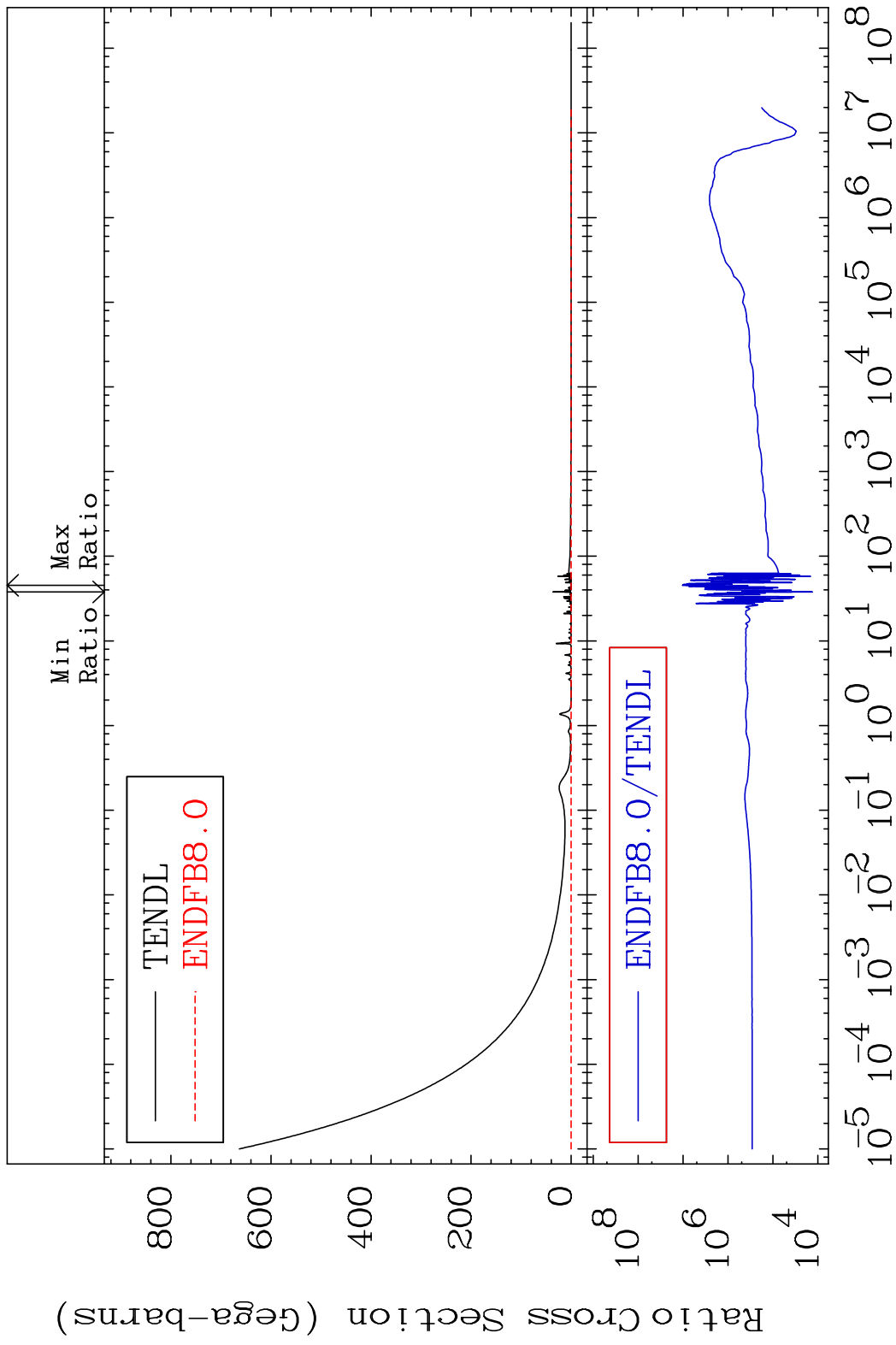
MAT 6334 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-154
 Cross Section -100.0 To 9999. %



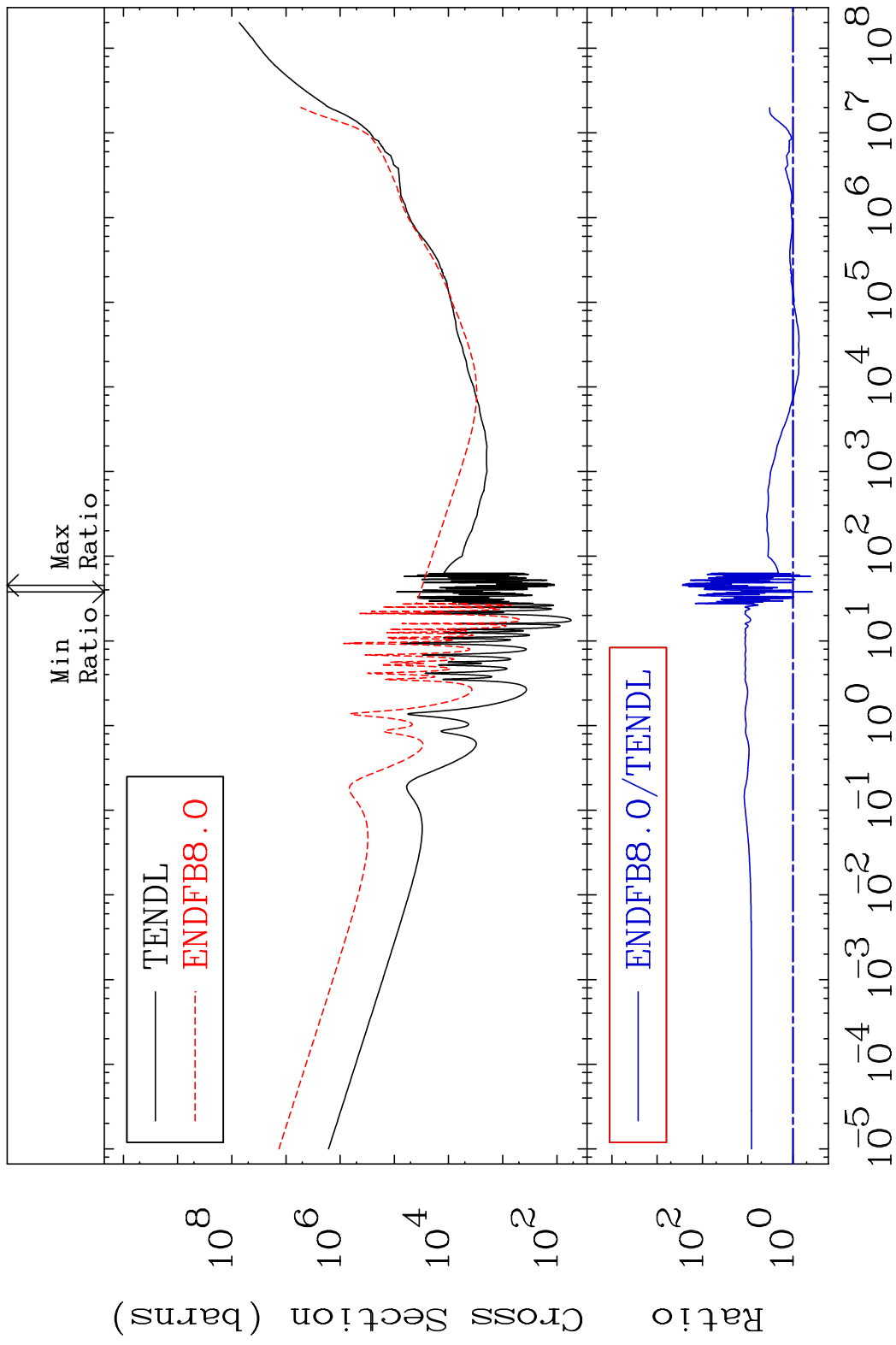
MAT 6334 Kerma capture (mt102) 63-Eu-154
 Cross Section 9999. To 9999. %



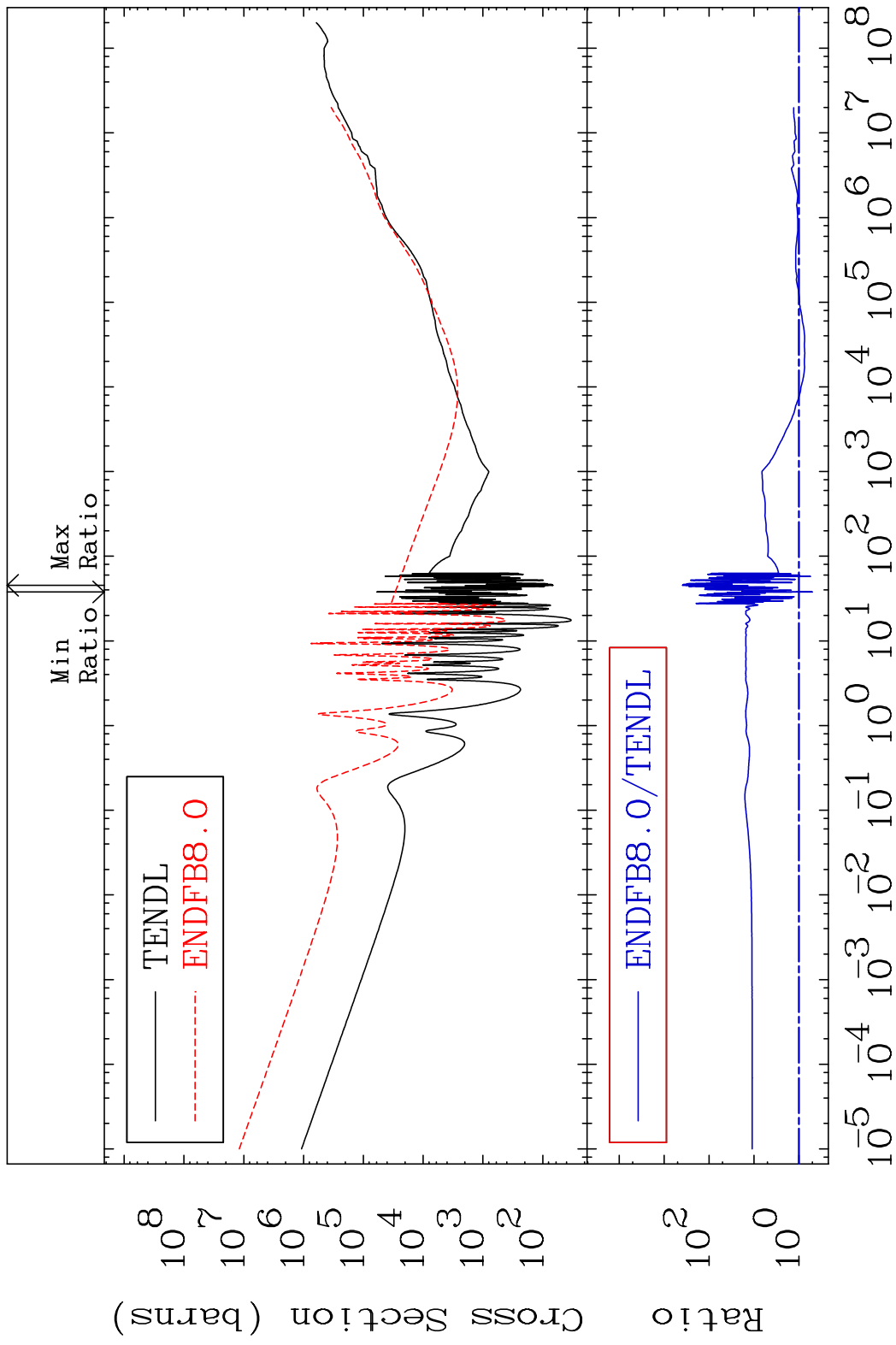
MAT 6334 Total photon (eV-barns) 63-Eu-154
 Cross Section 9999. To 9999. %



MAT 6334 Total kinematic kerma (high limit) 63-Eu-154
 Cross Section -62.87 To 9999. %



MAT 6334 Dpa total (eV-barns) 63-Eu-154
 Cross Section -50.37 To 9999. %



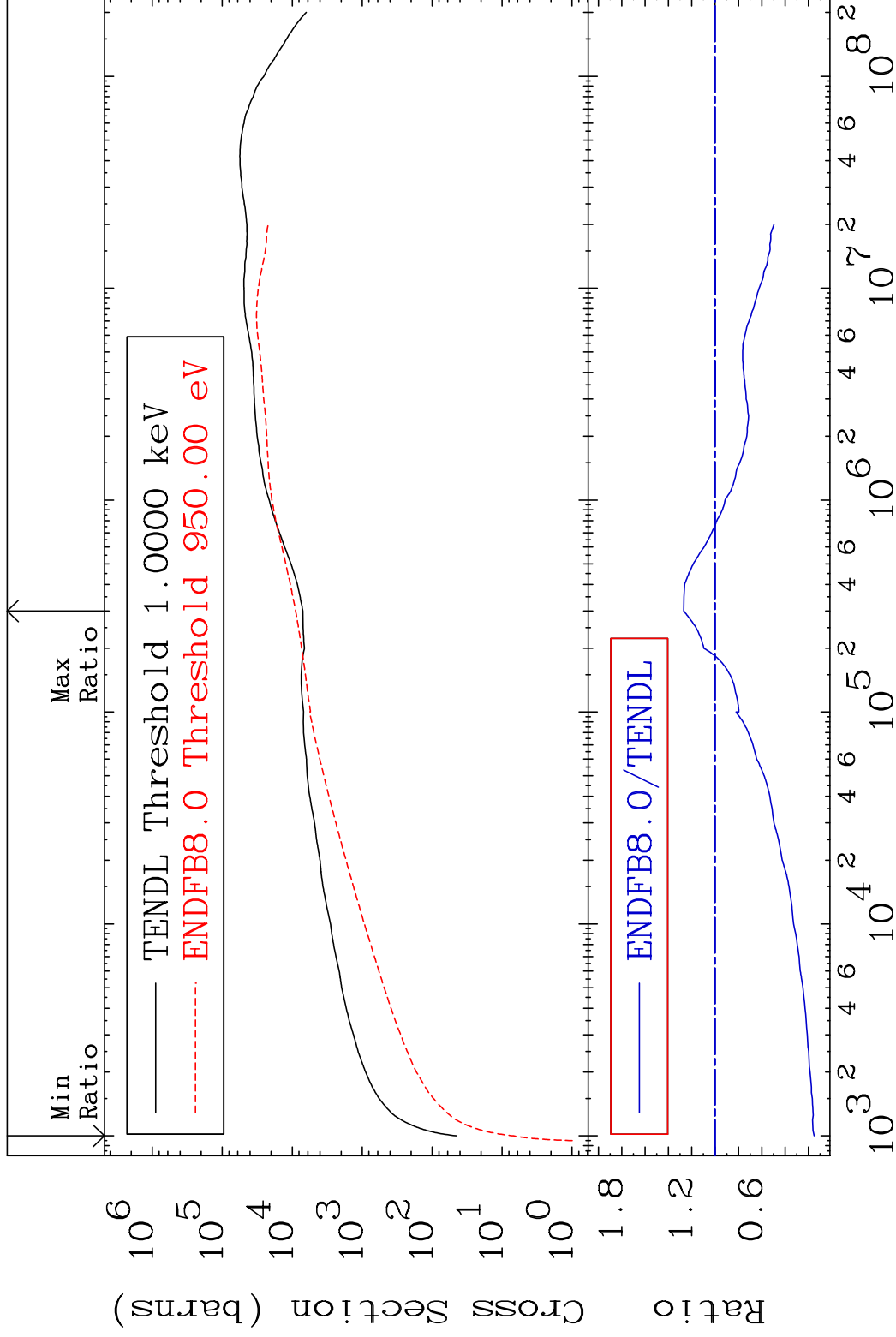
33 Incident Energy (eV) 63-Eu-154

MAT 6334

Dpa elastic (mt2)

63-Eu-154

Cross Section -84.84 To 26.93 %

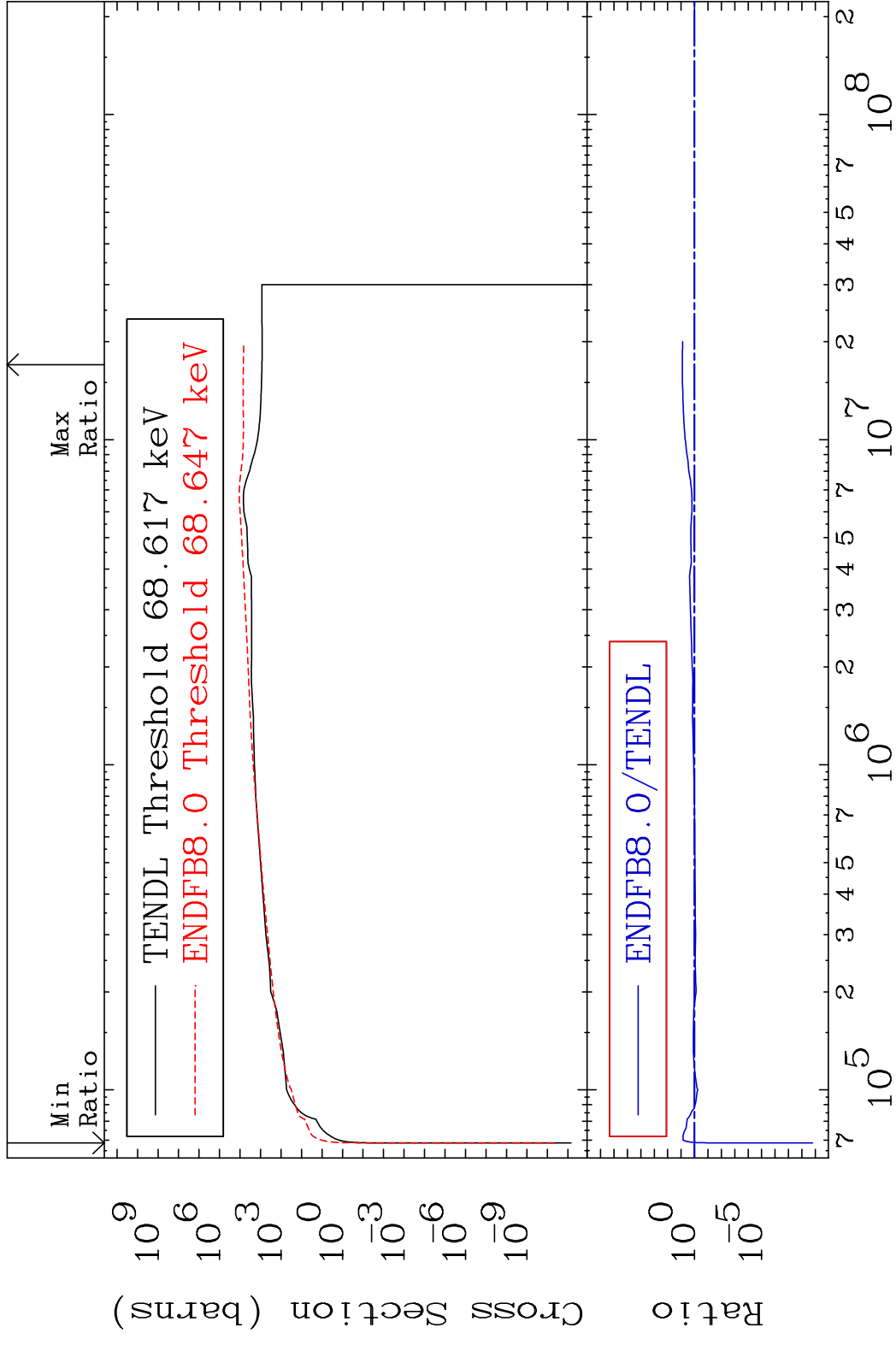


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Incident Energy (eV)

63-Eu-154

MAT 6334 Dpa inelastic (mt51-91) 63-Eu-154
 Cross Section -100.0 To 705.2 %



MAT 6334 Dpa disappearance (mt102 -120) 63-Eu-154
 Cross Section -50.37 To 9999. %

