

Program Complot
(Version 2021-1)

by

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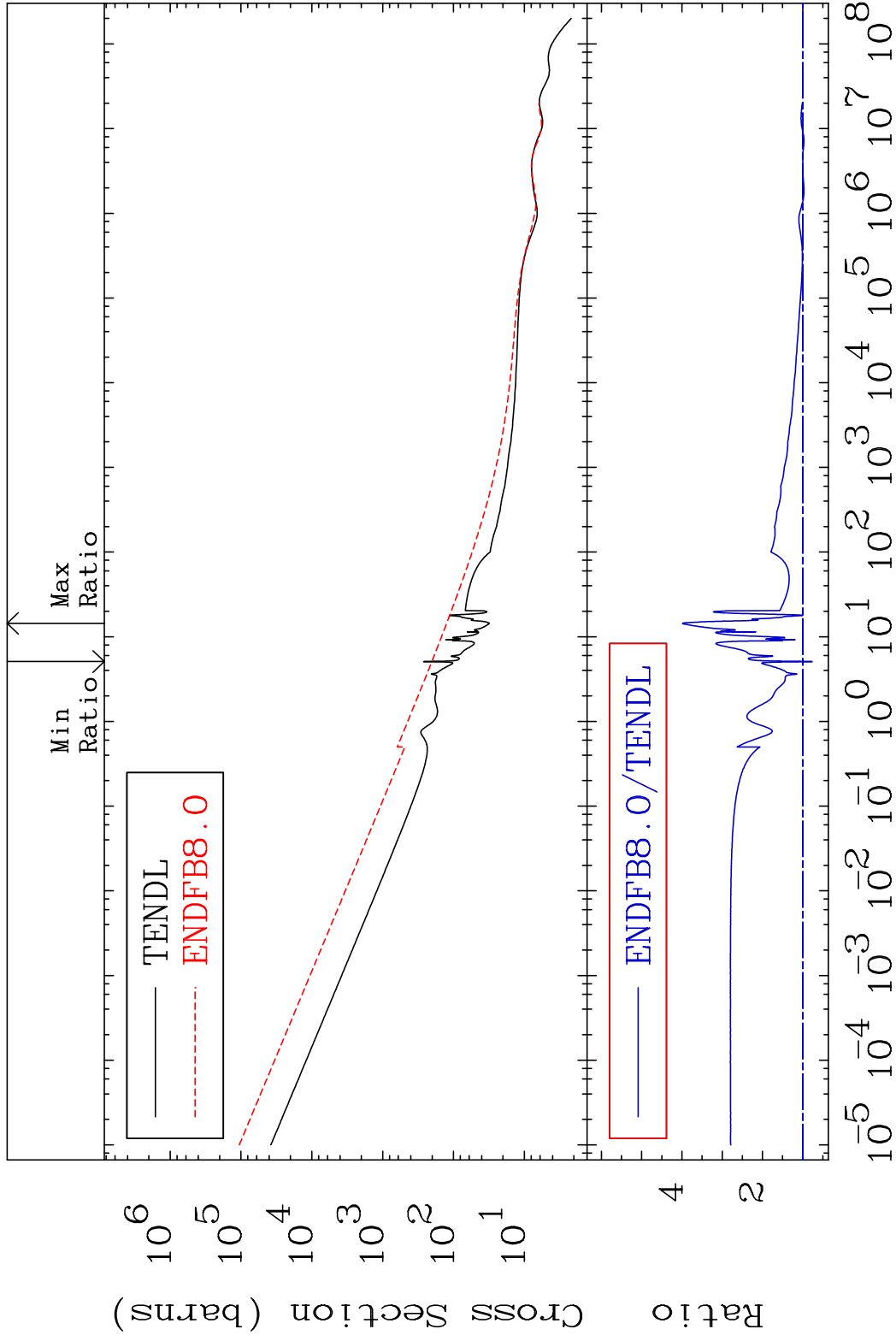
Press Mouse Button to Start

MAT 9337

Total

93-Np-234

Cross Section -24.40 To 299.0 %



1

Incident Energy (eV)

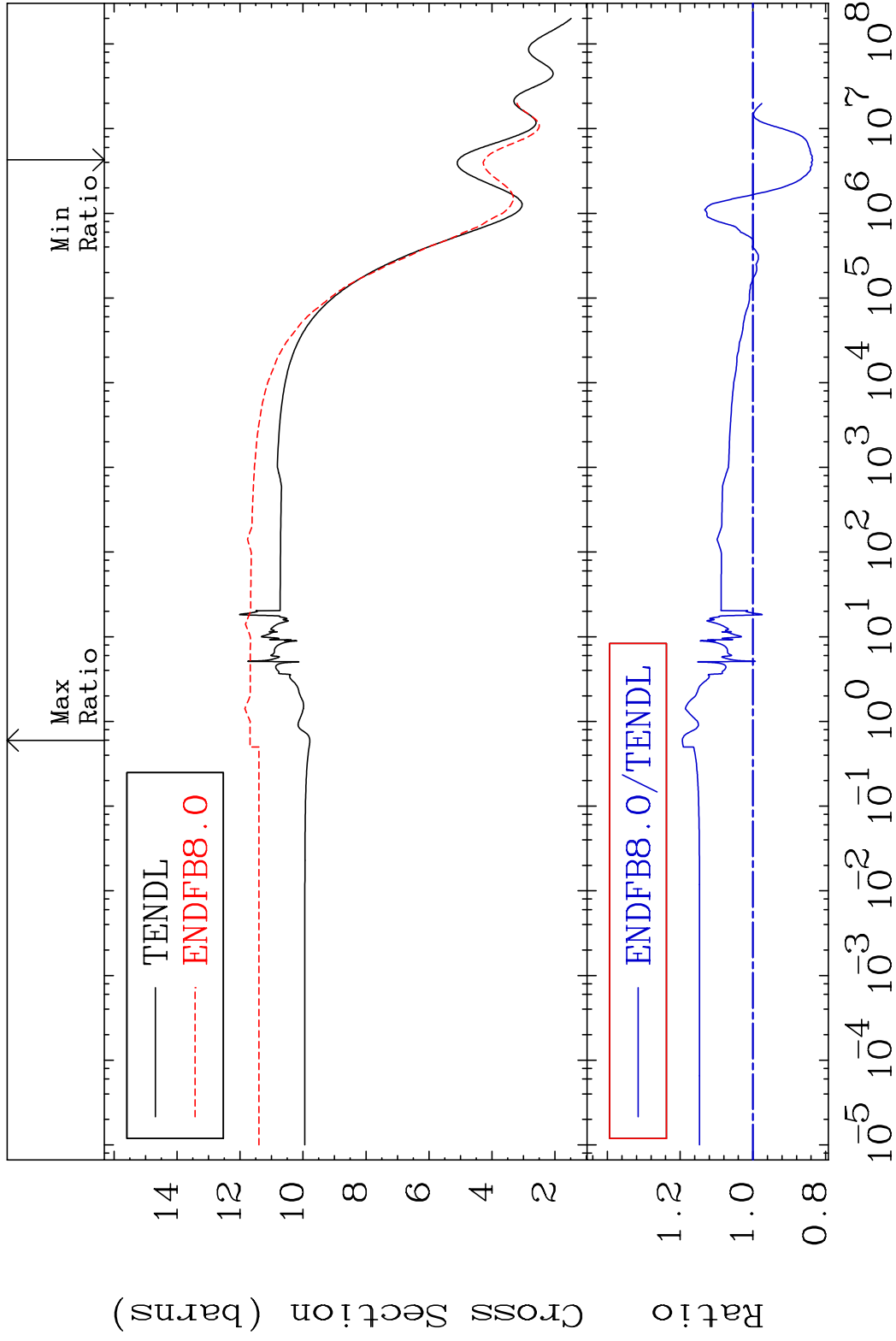
93-Np-234

MAT 9337

Elastic

93-Np-234

Cross Section -16.40 To 19.39 %



2

Incident Energy (eV)

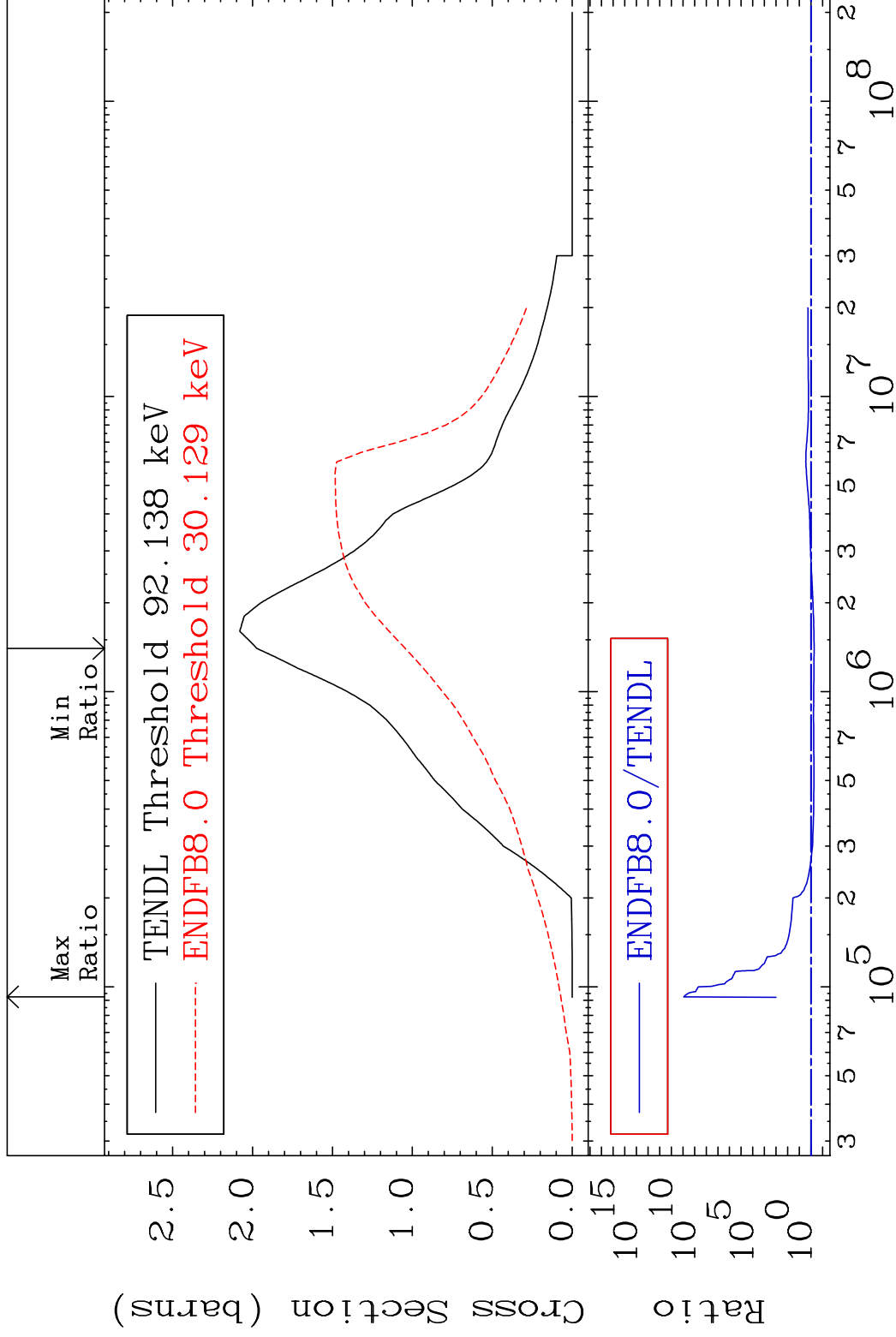
93-Np-234

MAT 9337

Inelastic

93-Np-234

Cross Section -47.04 To 9999. %



3

Incident Energy (eV)

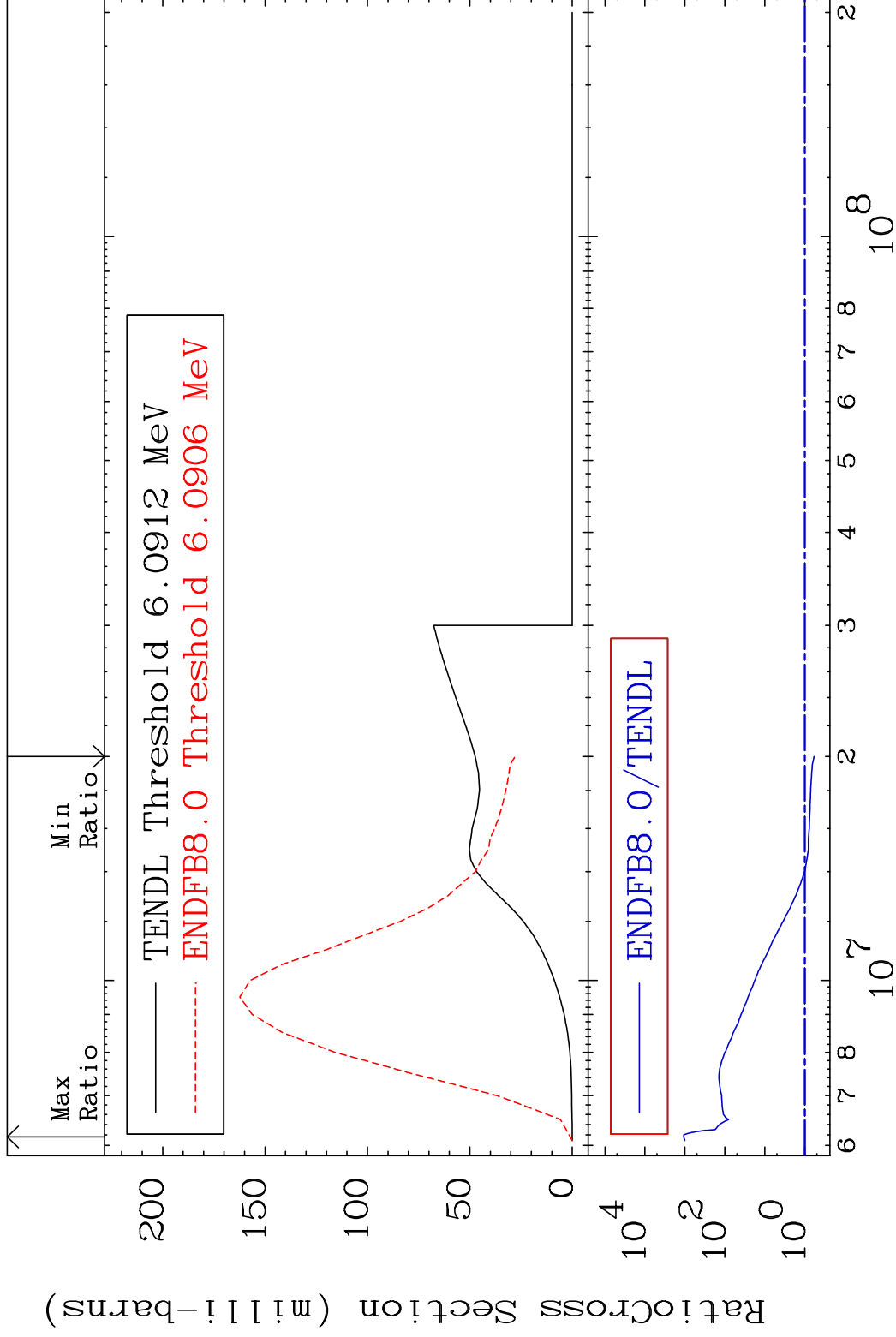
93-Np-234

MAT 9337

(n,2n)

93-Np-234

Cross Section -41.22 To 9999. %



4

Incident Energy (eV)

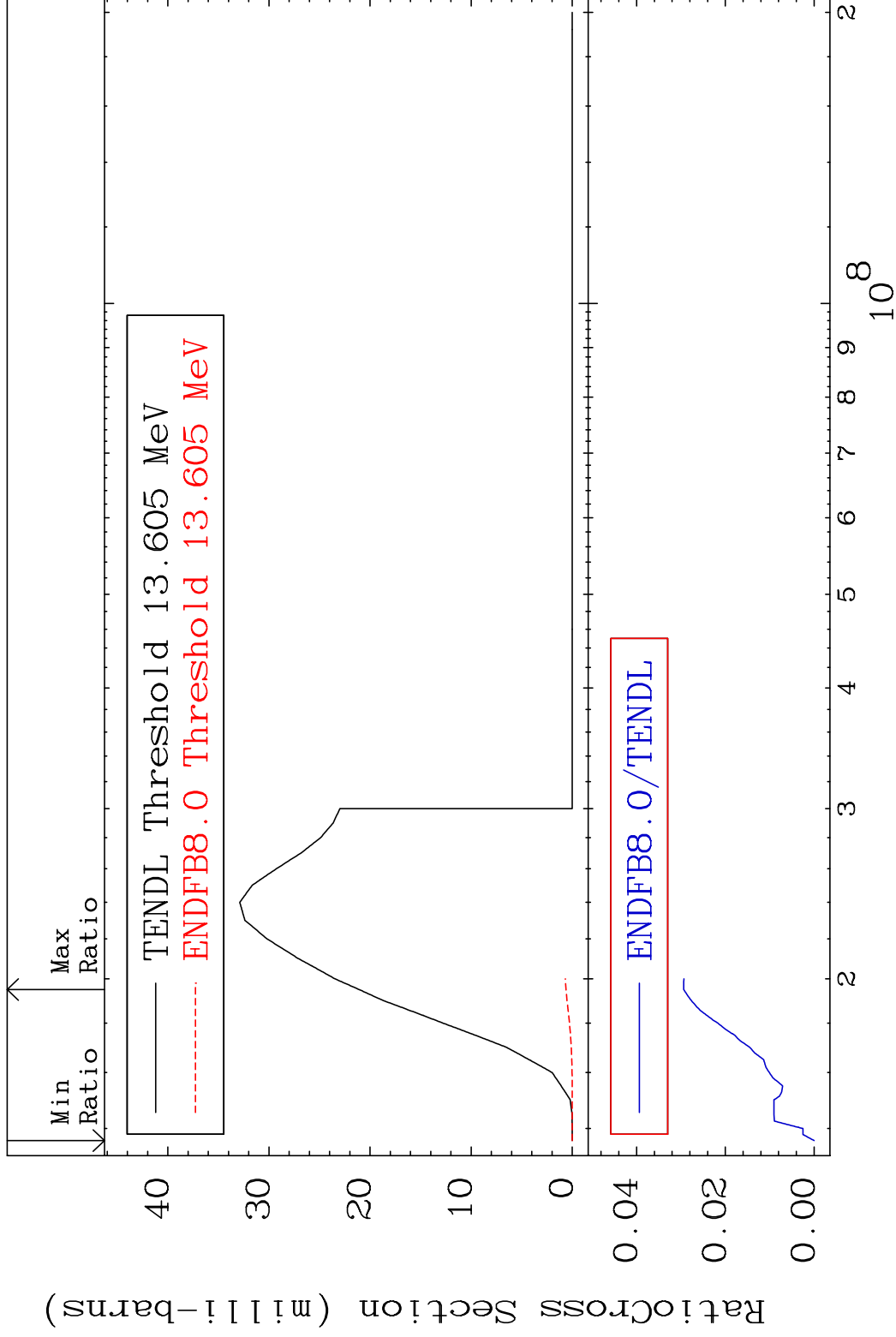
93-Np-234

MAT 9337

(n,3n)

93-Np-234

Cross Section -100.0 To -97.06%



5

Incident Energy (eV)

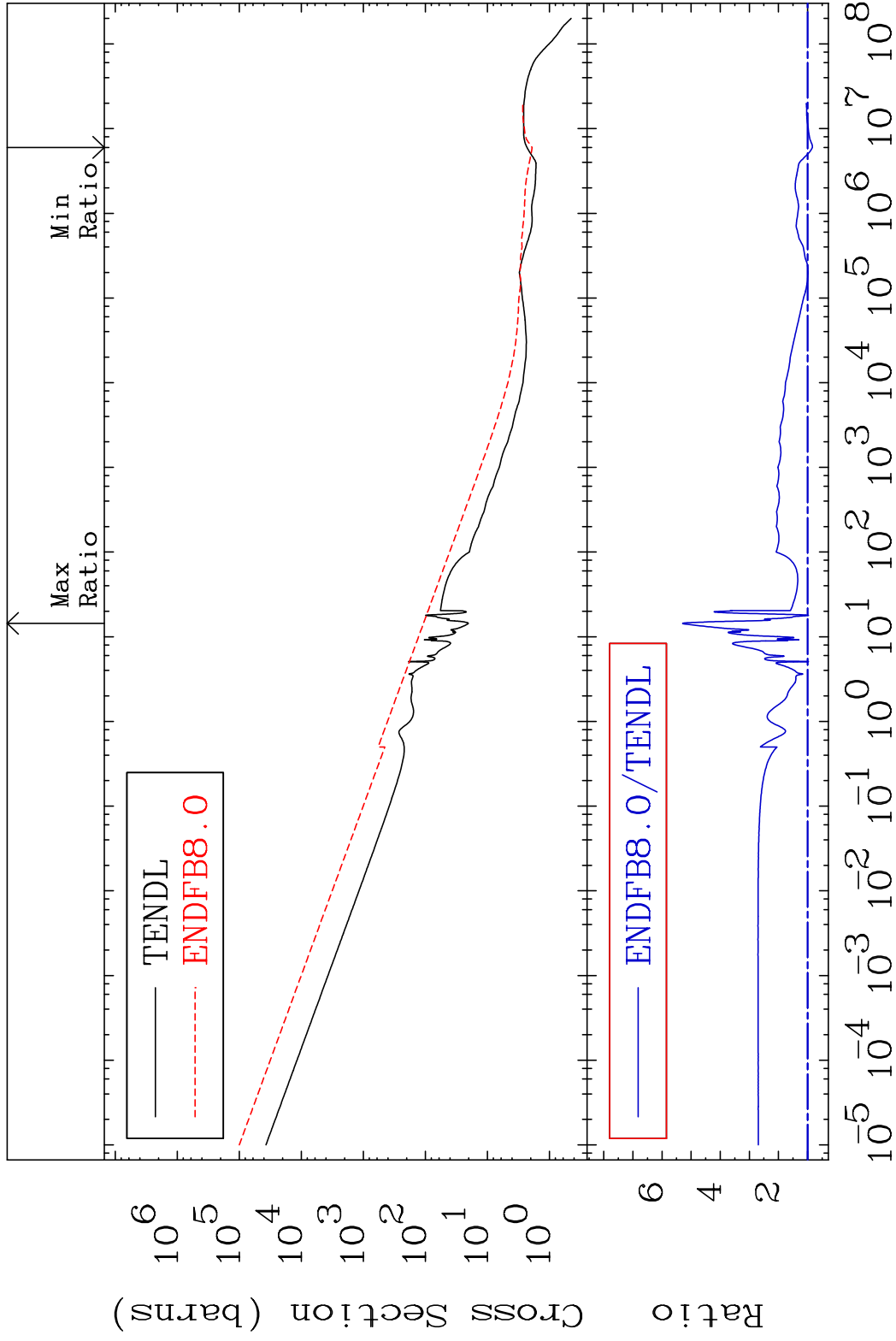
93-Np-234

MAT 9337

Fission

93-Np-234

Cross Section -17.17 To 430.1 %



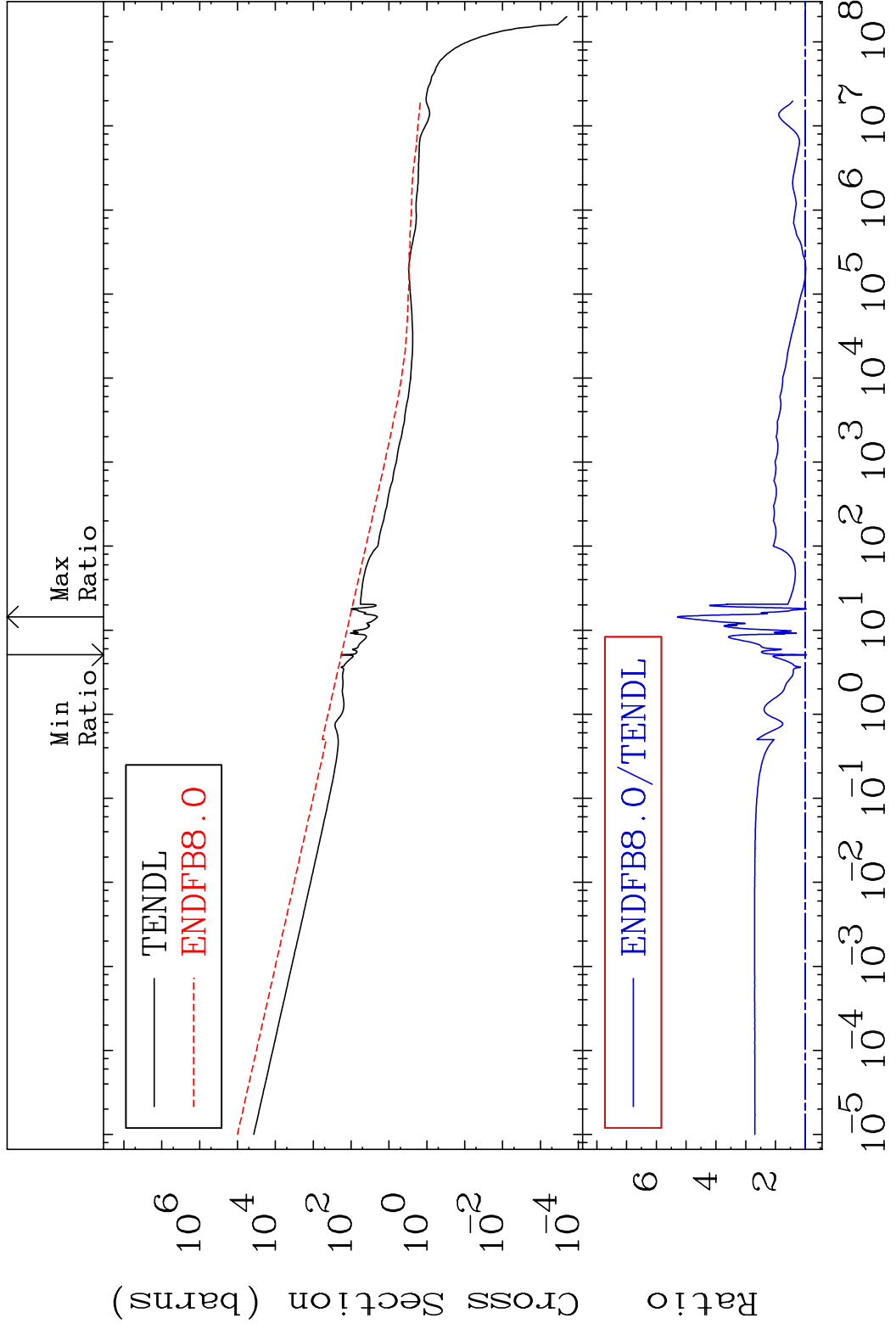
6

Incident Energy (eV)

93-Np-234

MAT 9337

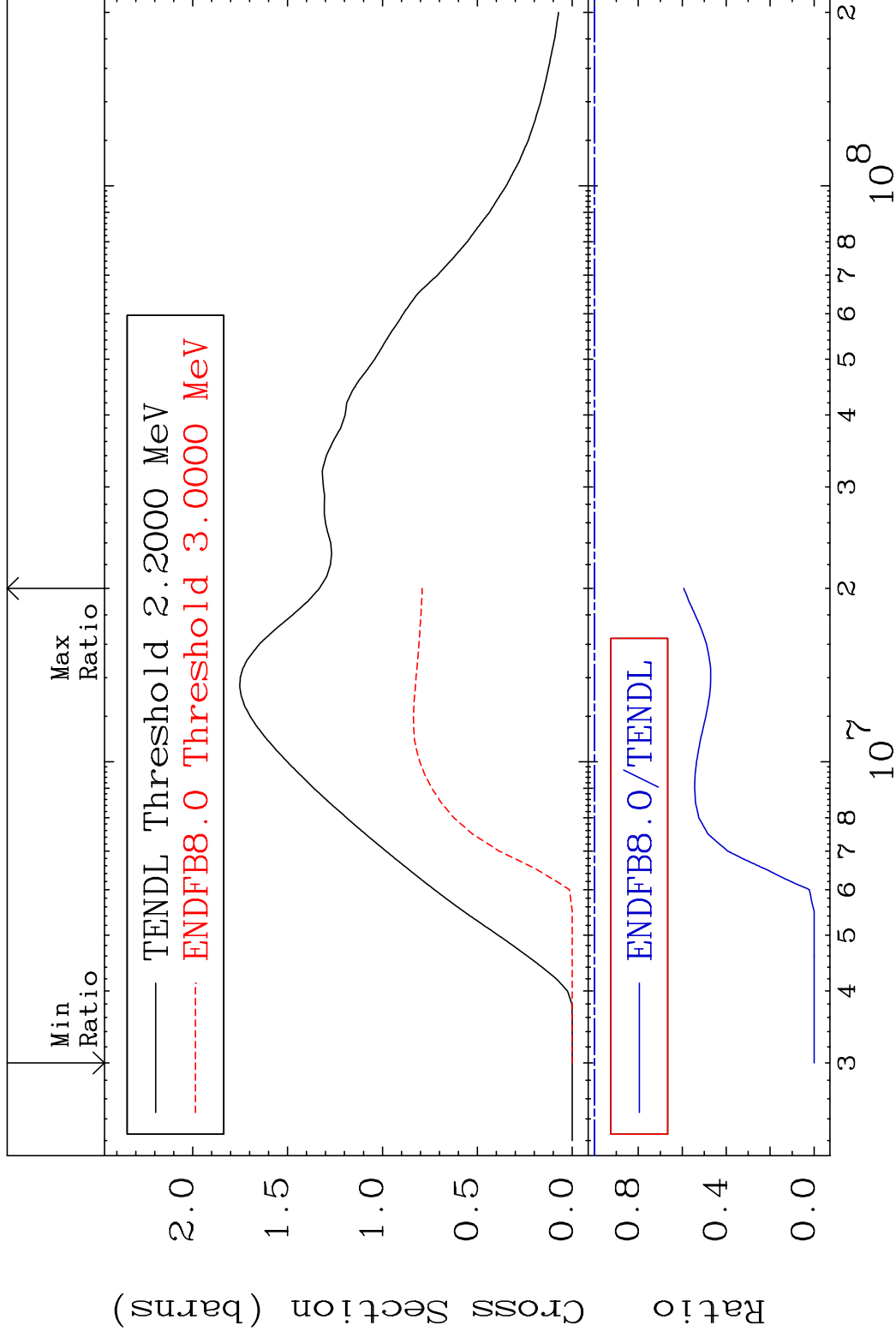
(n,f) First Chance 93-Np-234
Cross Section -3.663 To 430.1 %



MAT 9337

(n, nf) Second Chance 93-Np-234

Cross Section -100.0 To -40.63%

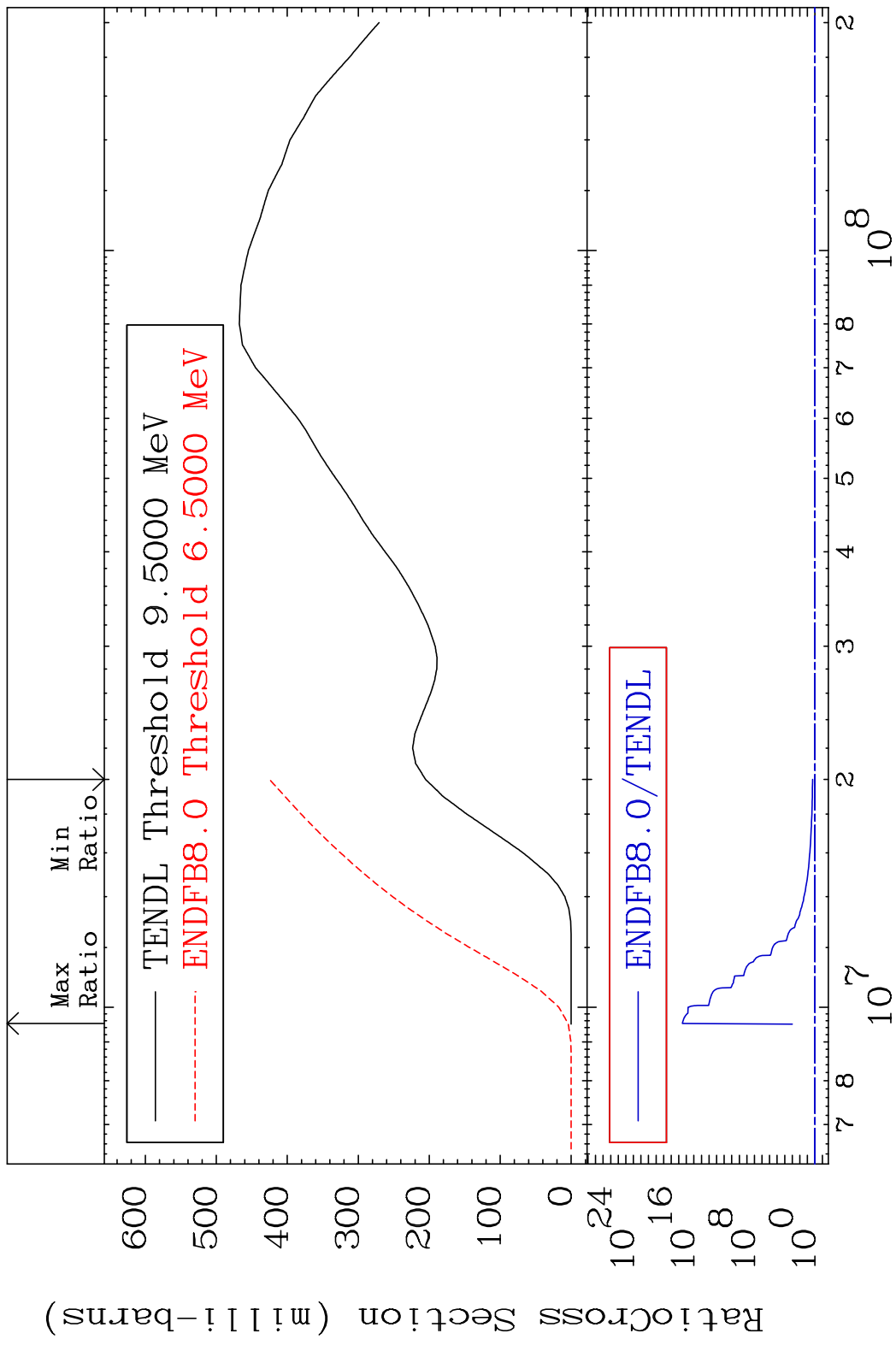


8

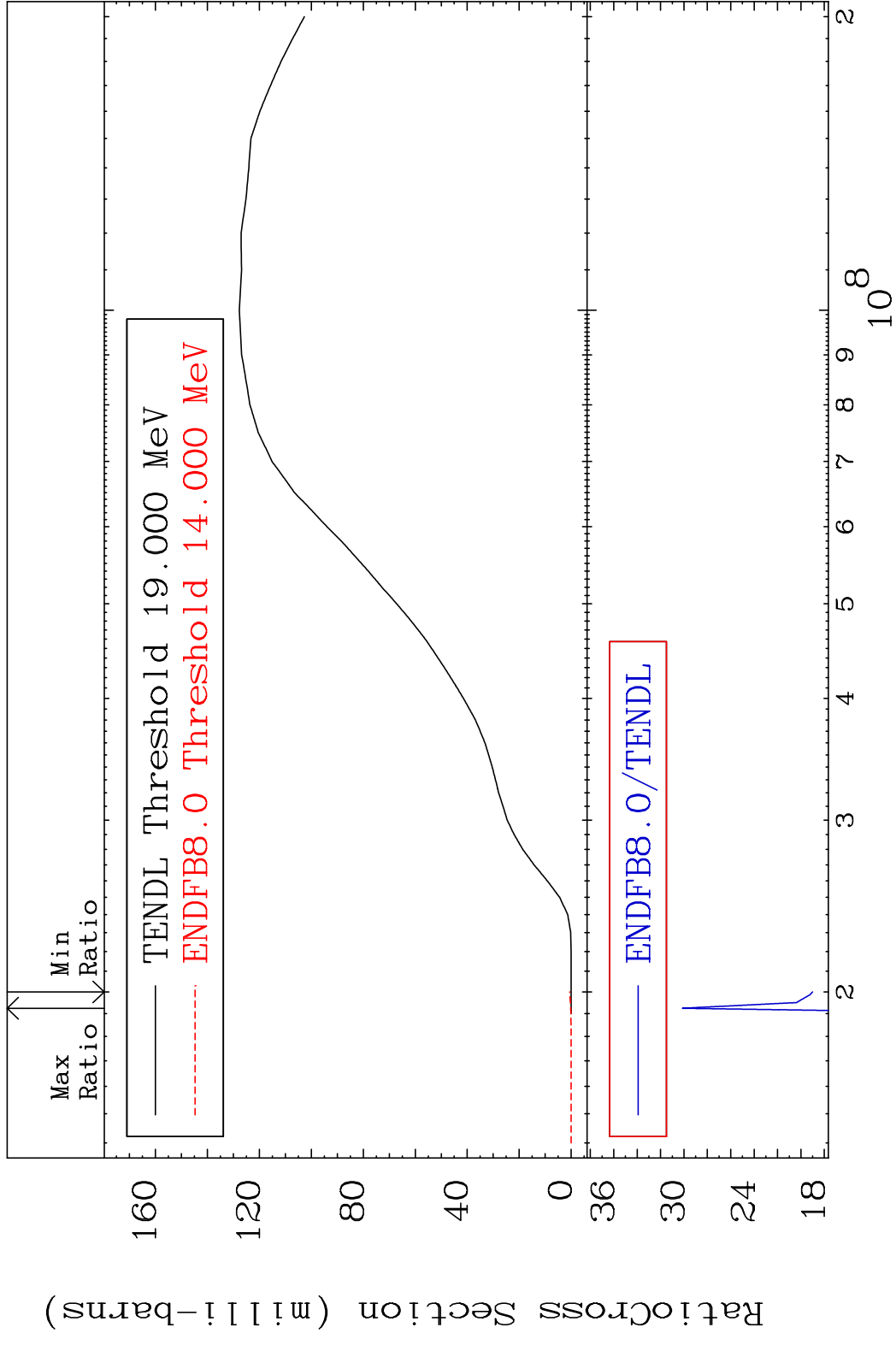
Incident Energy (eV)

93-Np-234

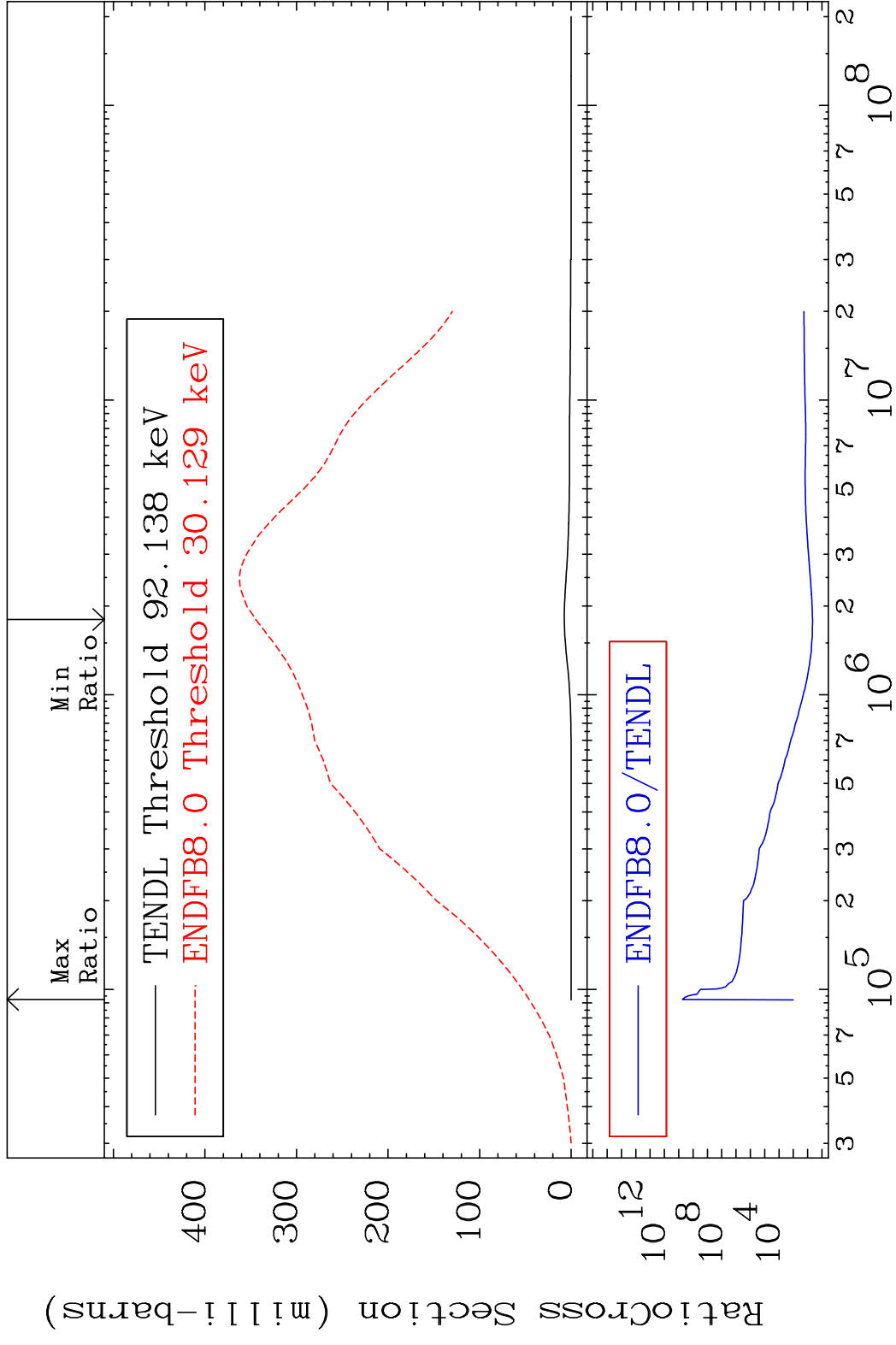
MAT 9337 (n,2nf) Third Chance 93-Np-234
 Cross Section 107.1 To 9999. %



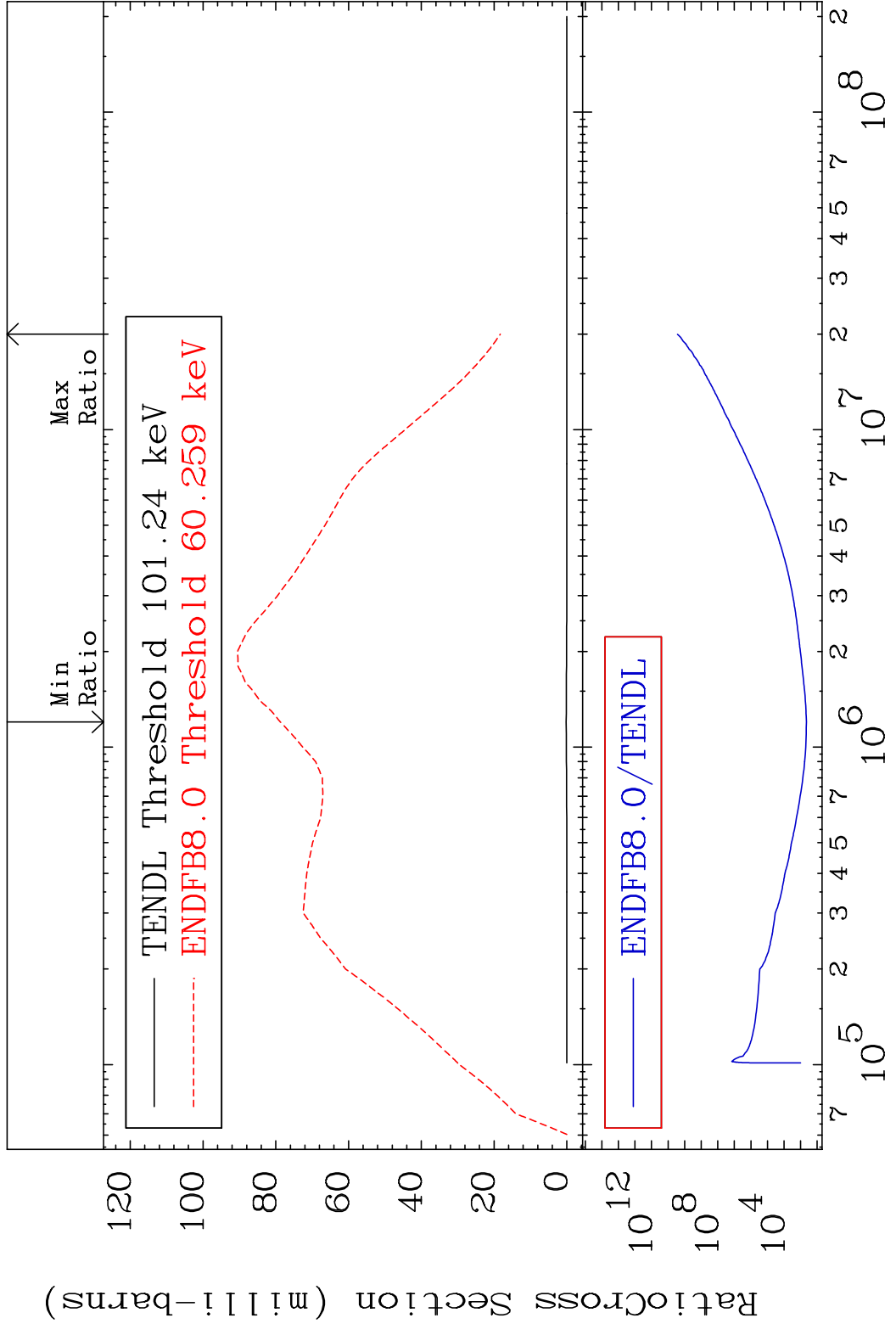
MAT 9337 (n,3nf) Fourth Chance 93-Np-234
 Cross Section 9999. To 9999. %



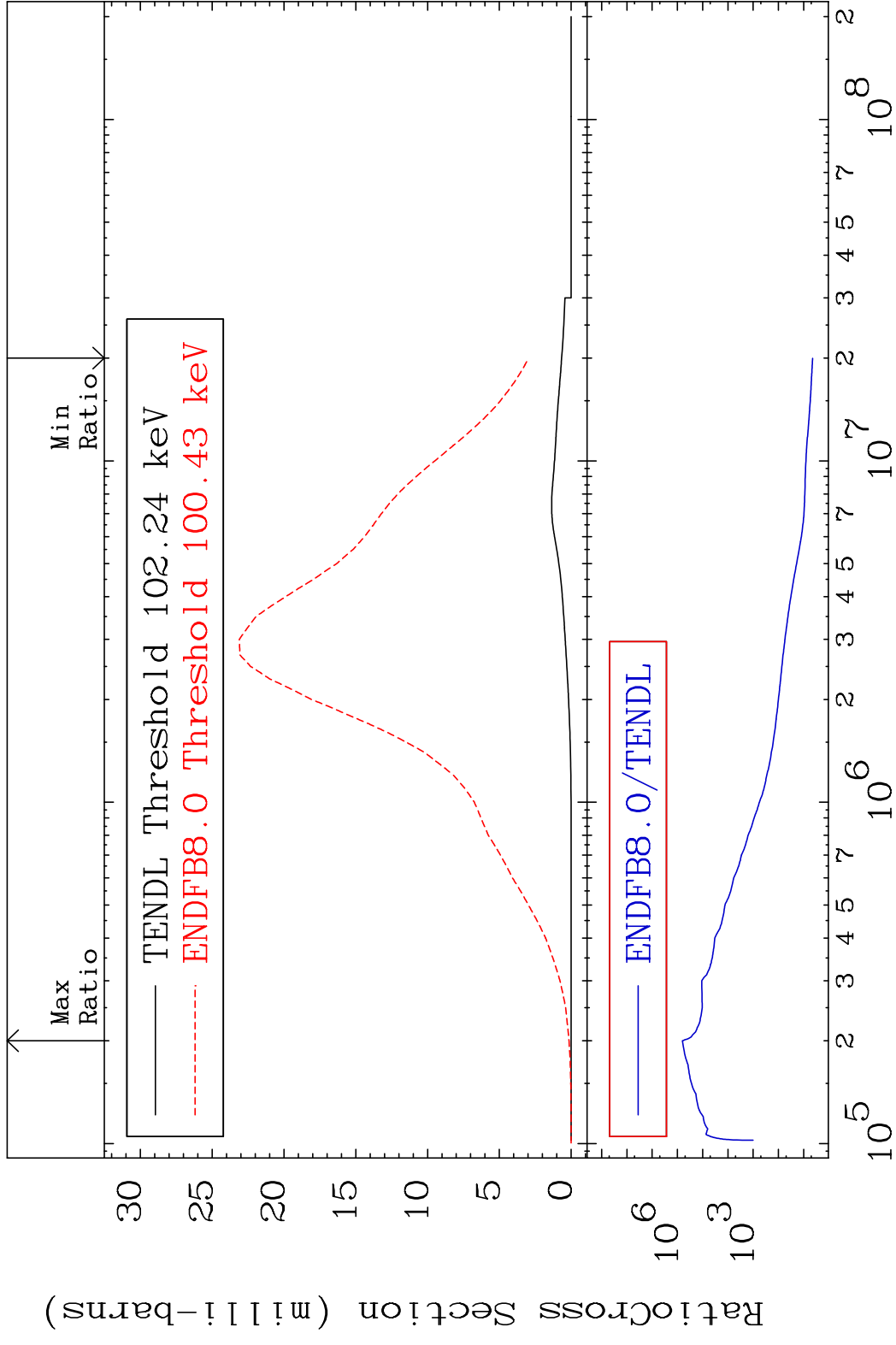
MAT 9337 MT= 51 (n, n') Level 93-Np-234
 Cross Section 4416. To 9999. %



MAT 9337 MT= 52 (n, n') Level 93-Np-234
 Cross Section 9999. To 9999. %

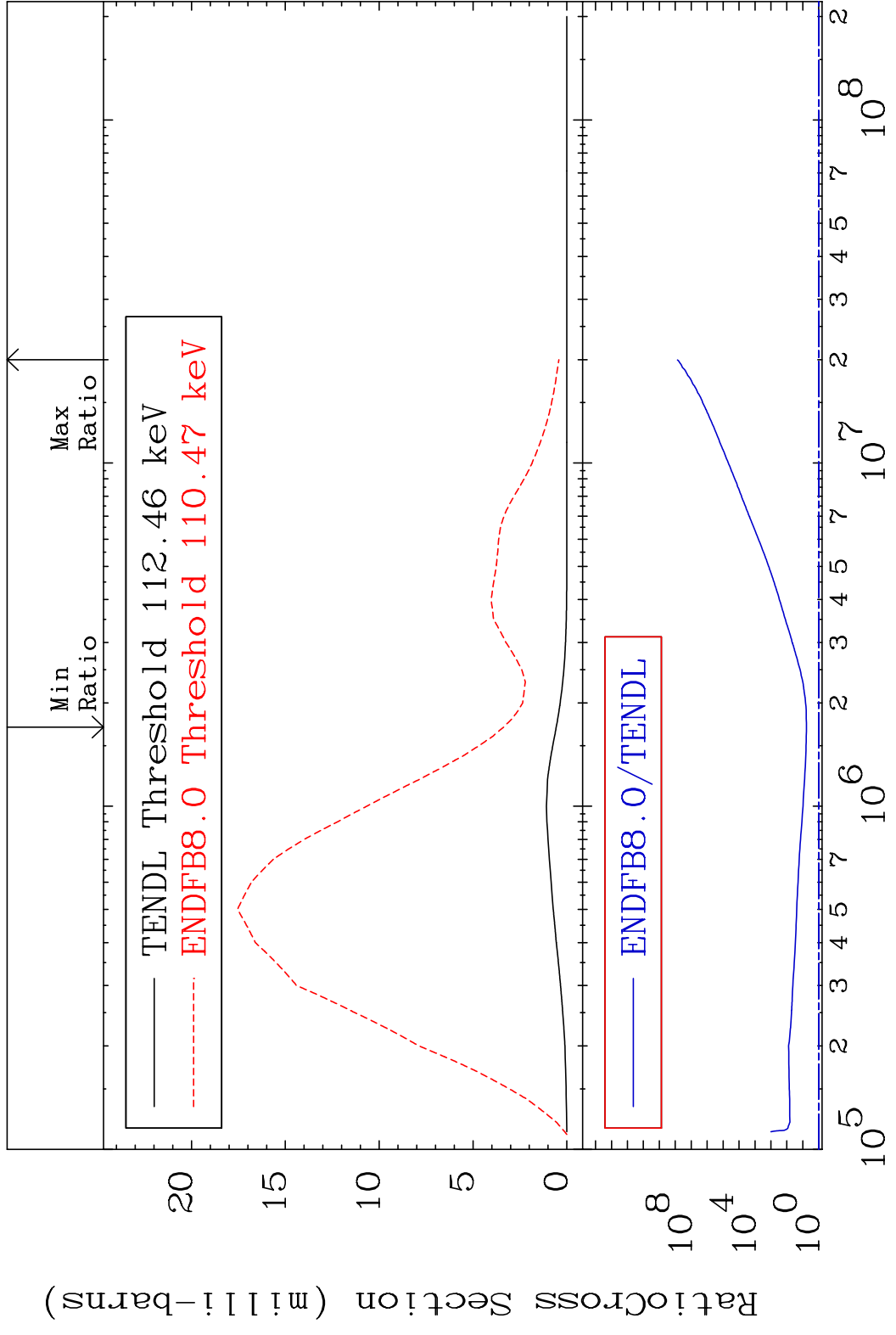


MAT 9337 MT= 53 (n, n') Level 93-Np-234
 Cross Section 346.0 To 9999. %



13 Incident Energy (eV) 93-Np-234

MAT 9337 MT= 54 (n,n') Level 93-Np-234
 Cross Section 495.5 To 9999. %



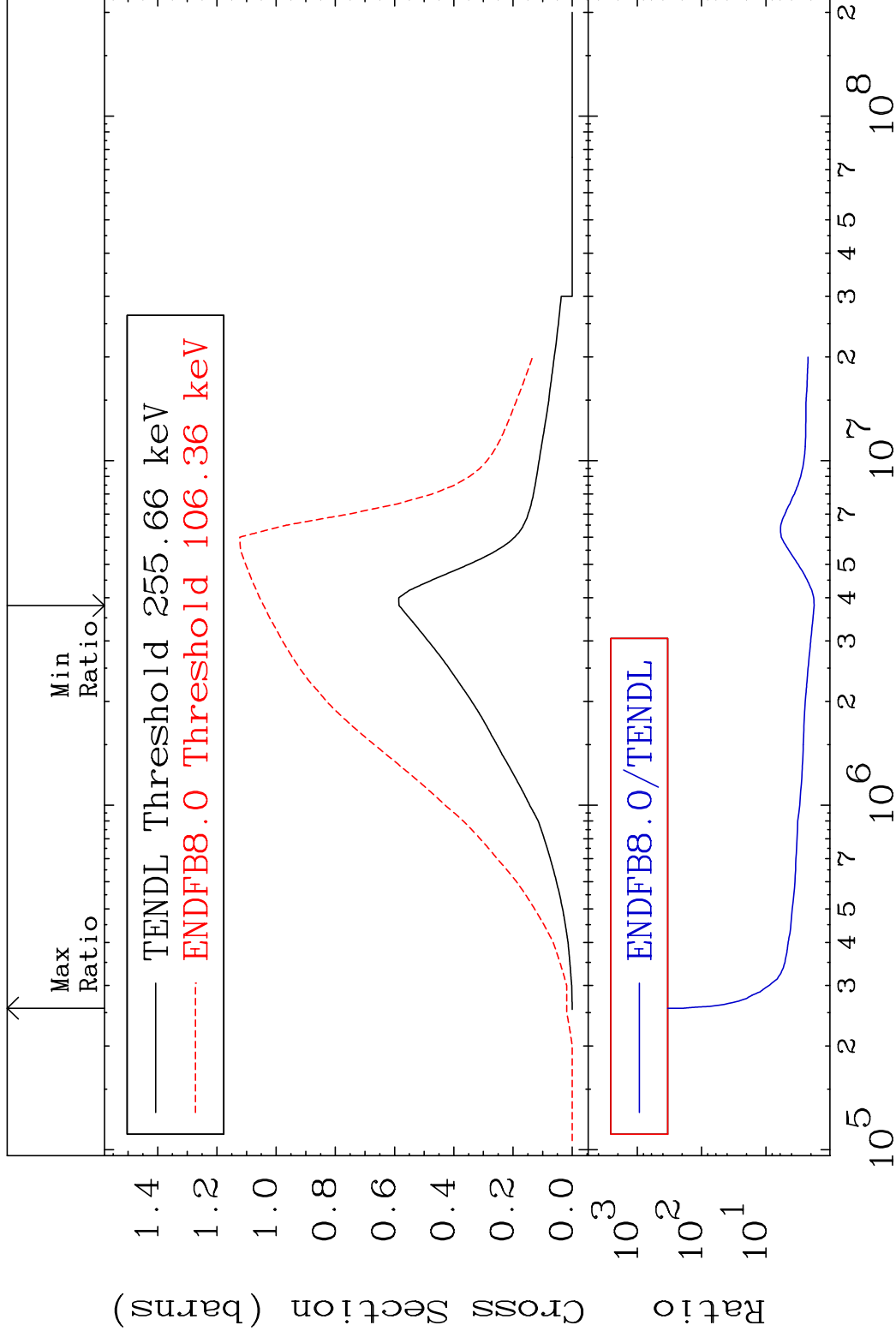
MAT 9337

(n,n') Continuum

93-Np-234

Cross Section 78.19

To 9999. %



15

Incident Energy (eV)

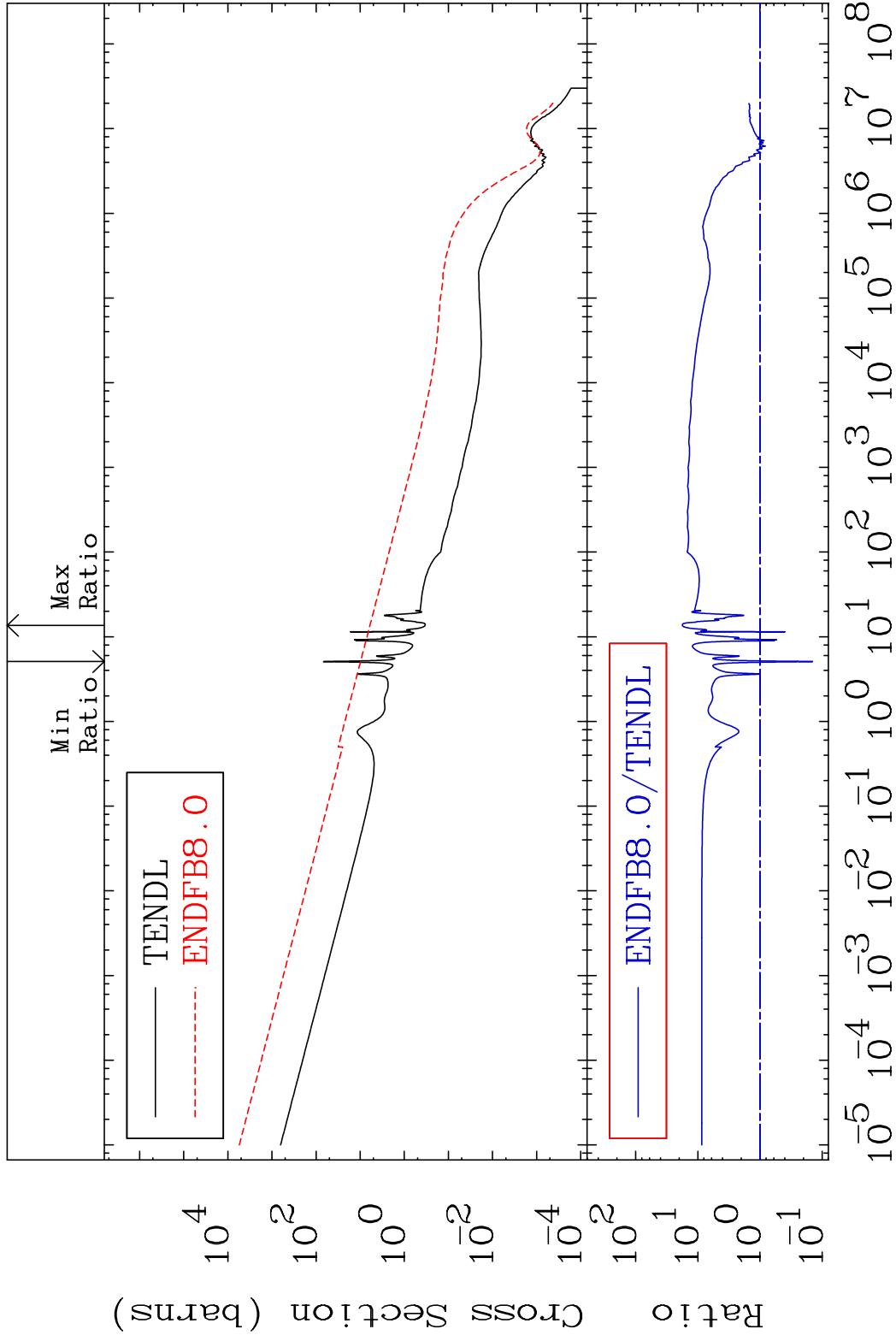
93-Np-234

MAT 9337

(n, γ)

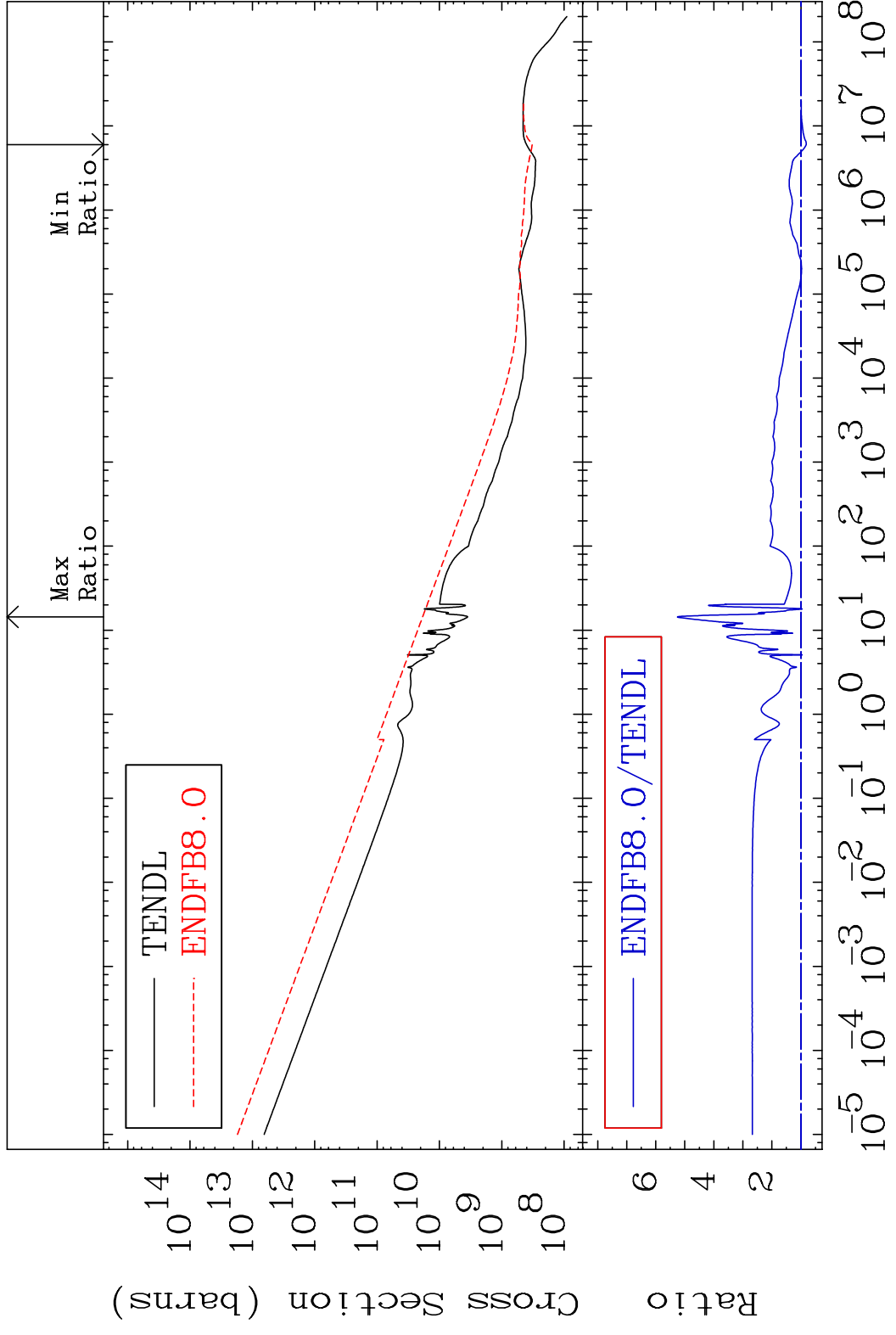
93-Np-234

Cross Section -85.73 To 1676. %



MAT 9337

Kerma total (eV-barns) 93-Np-234
Cross Section -18.81 To 426.2 %



17

Incident Energy (eV)

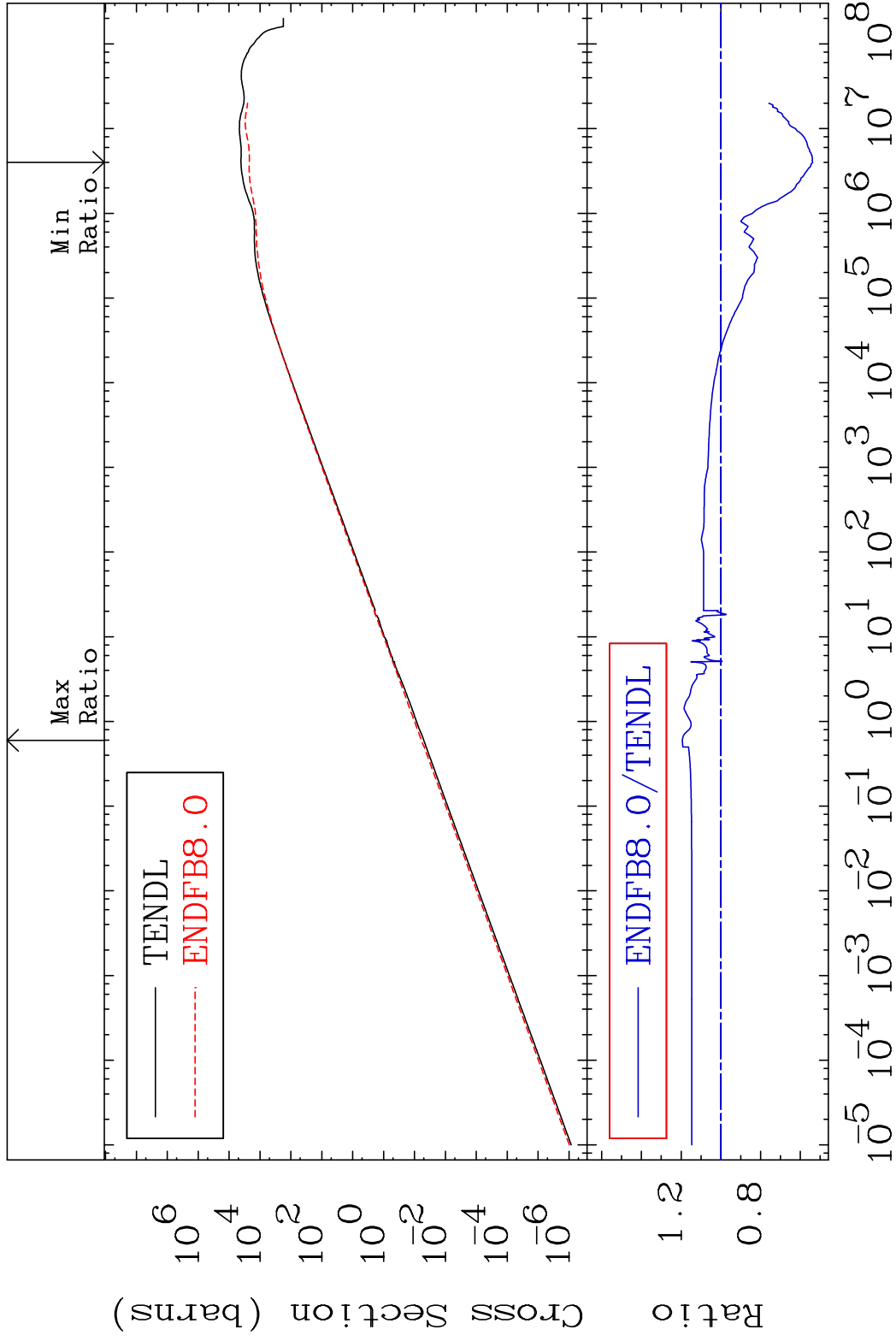
93-Np-234

MAT 9337

Kerma elastic

93-Np-234

Cross Section -46.17 To 19.39 %

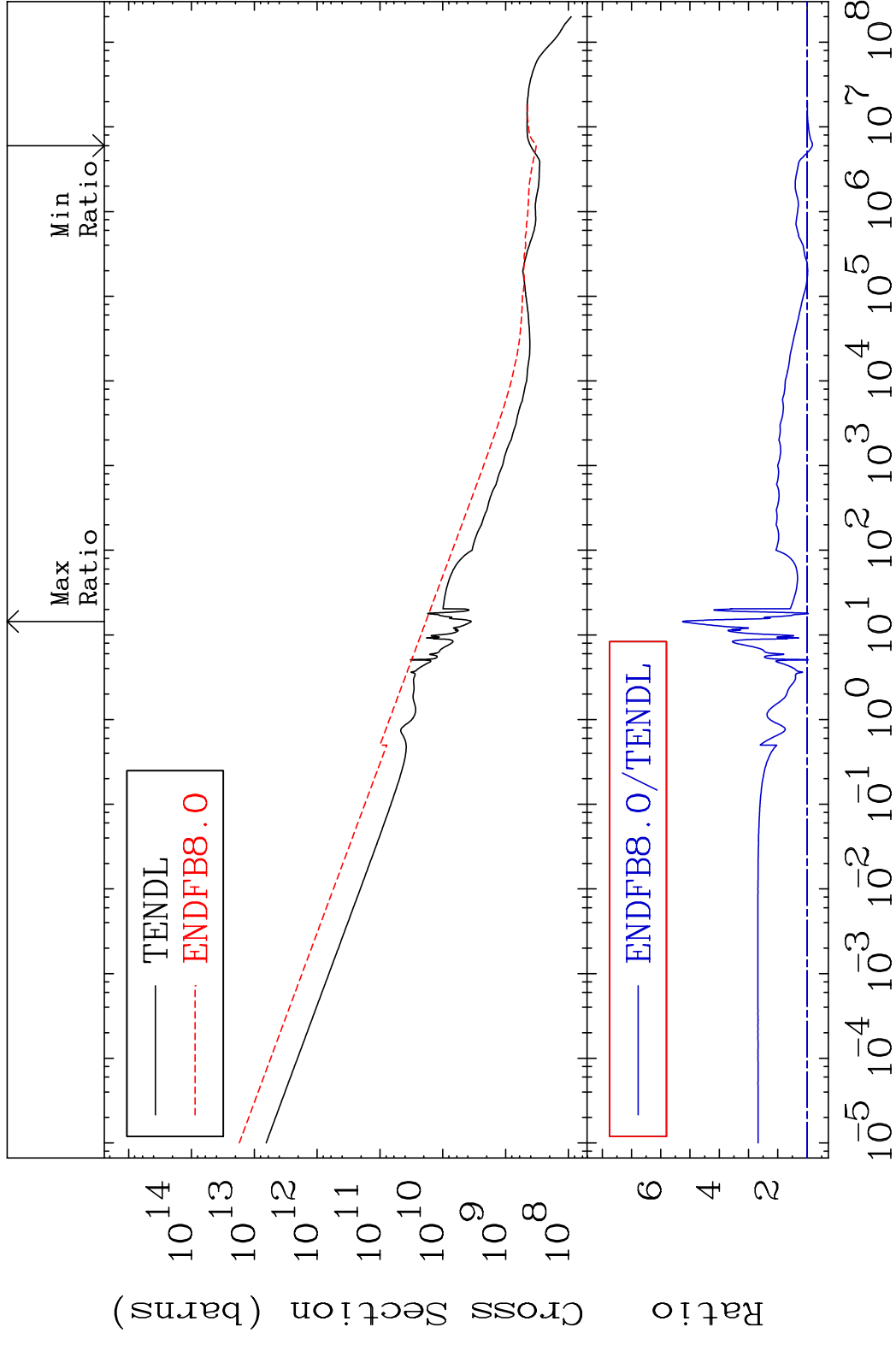


18

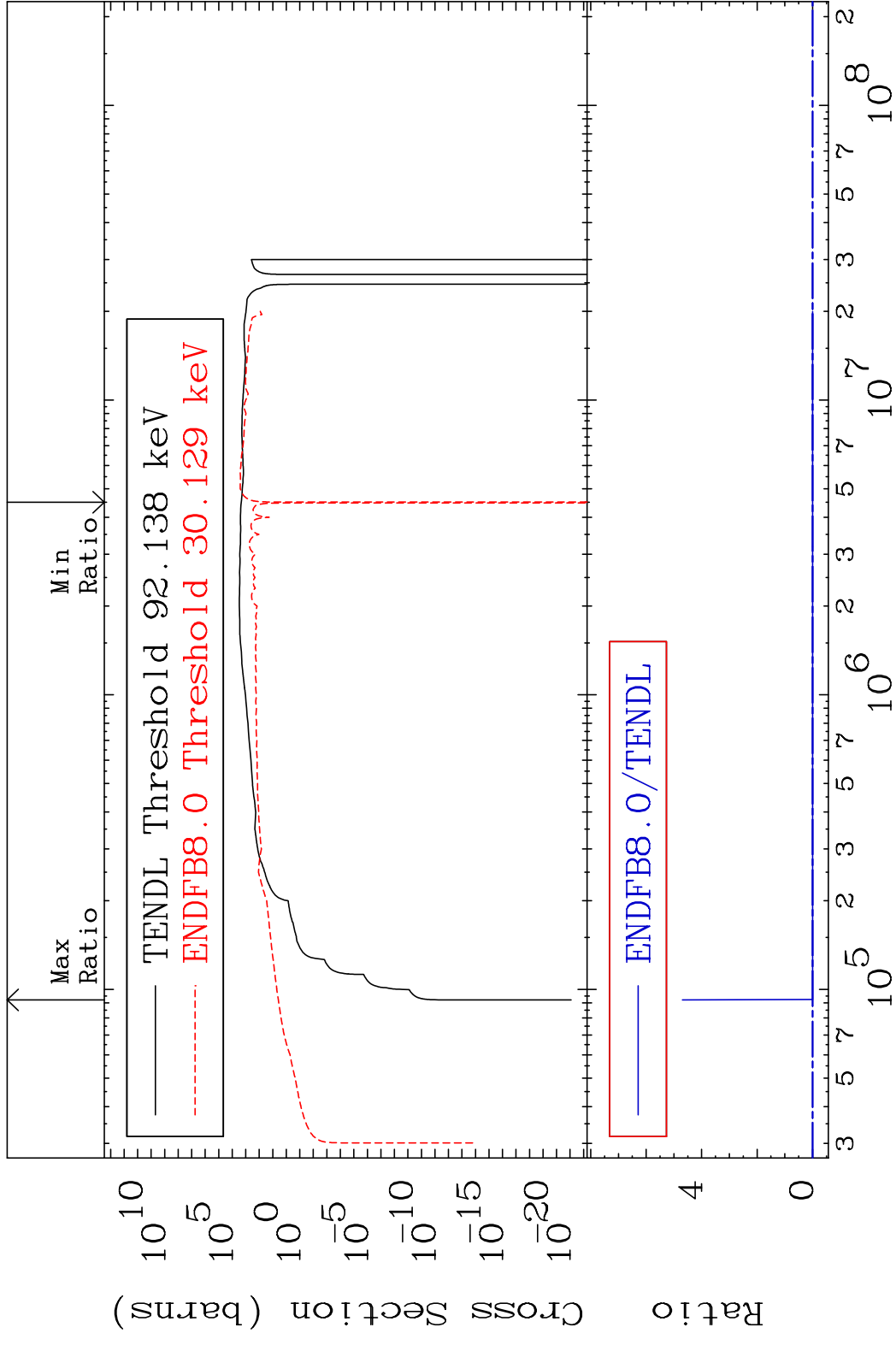
Incident Energy (eV)

93-Np-234

MAT 9337 Kerma non-elastic (all but mt2) 93-Np-234
 Cross Section -18.81 To 426.2 %

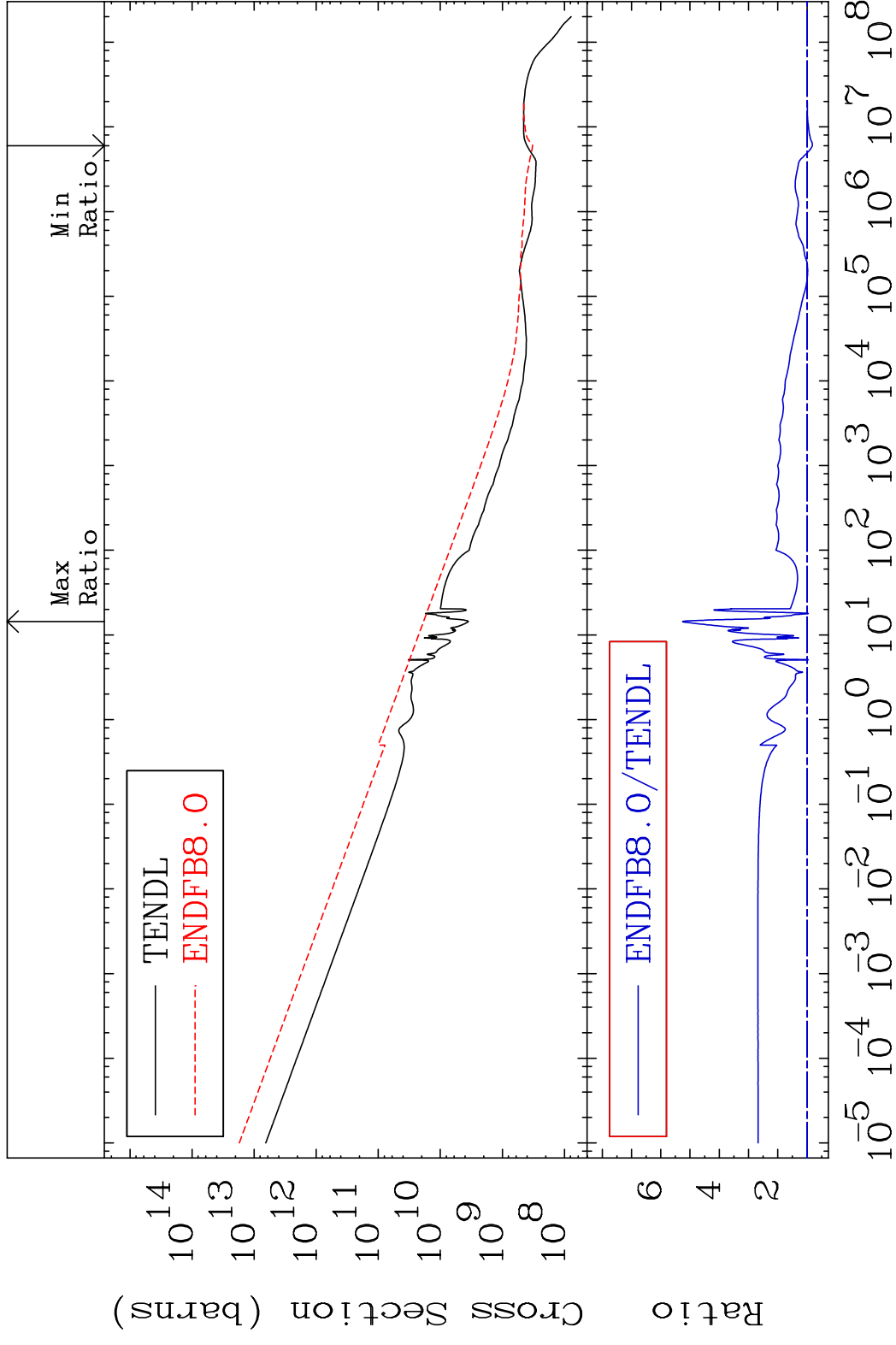


MAT 9337 Kerma inelastic (mt51-91) 93-Np-234
 Cross Section -102.4 To 9999. %



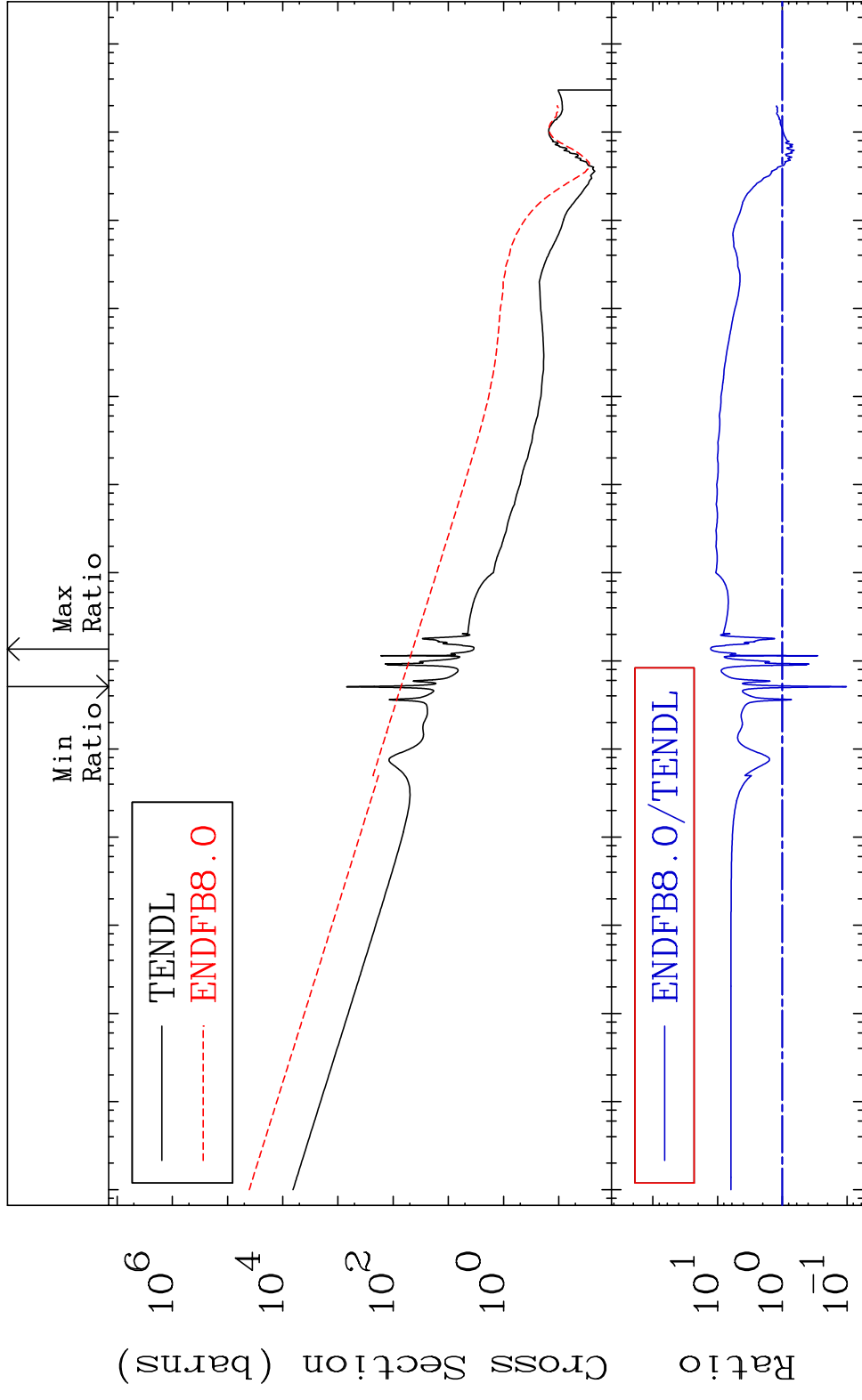
20 Incident Energy (eV) 93-Np-234

MAT 9337 Kerma fission (mt18 or mt19-20-21-38) 93-Np-234
 Cross Section -18.81 To 426.2 %



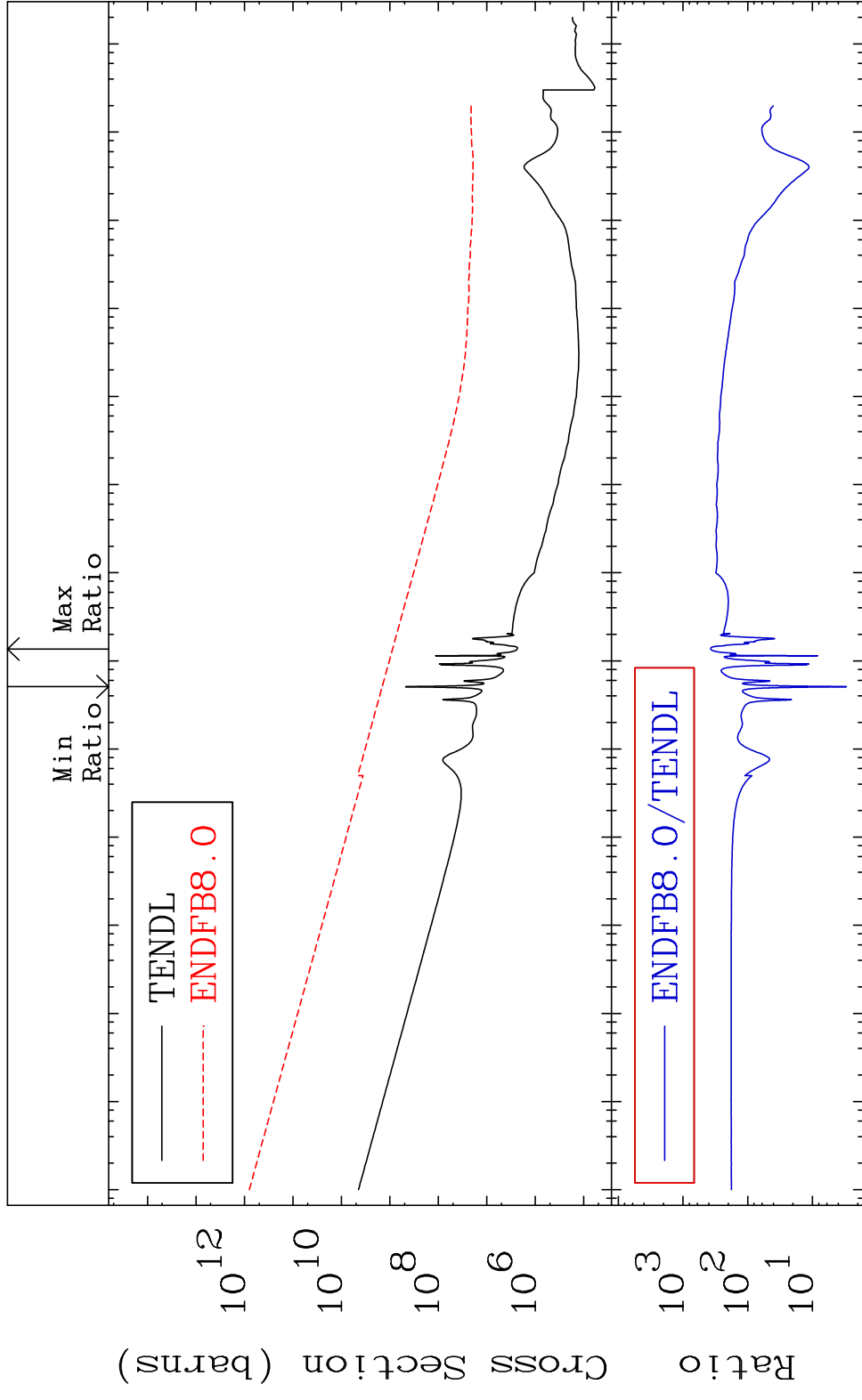
MAT 9337

Kerma capture (mt102) 93-Np-234
Cross Section -89.74 To 1177. %



MAT 9337

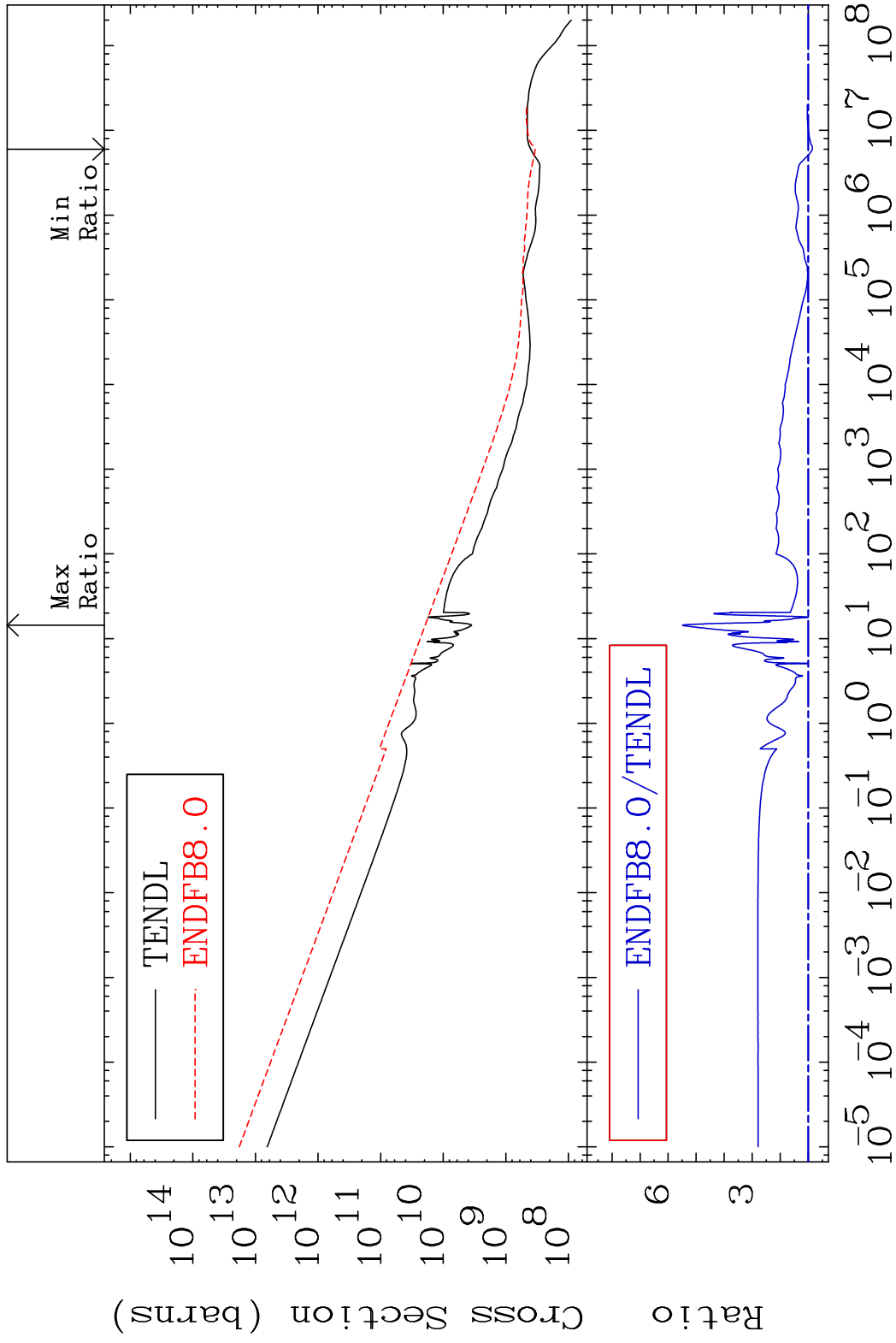
Total photon (eV-barns) 93-Np-234
Cross Section 199.9 To 9999. %



23

Incident Energy (eV) 93-Np-234

MAT 9337 Total kinematic kerma (high limit) 93-Np-234
 Cross Section -15.20 To 449.3 %

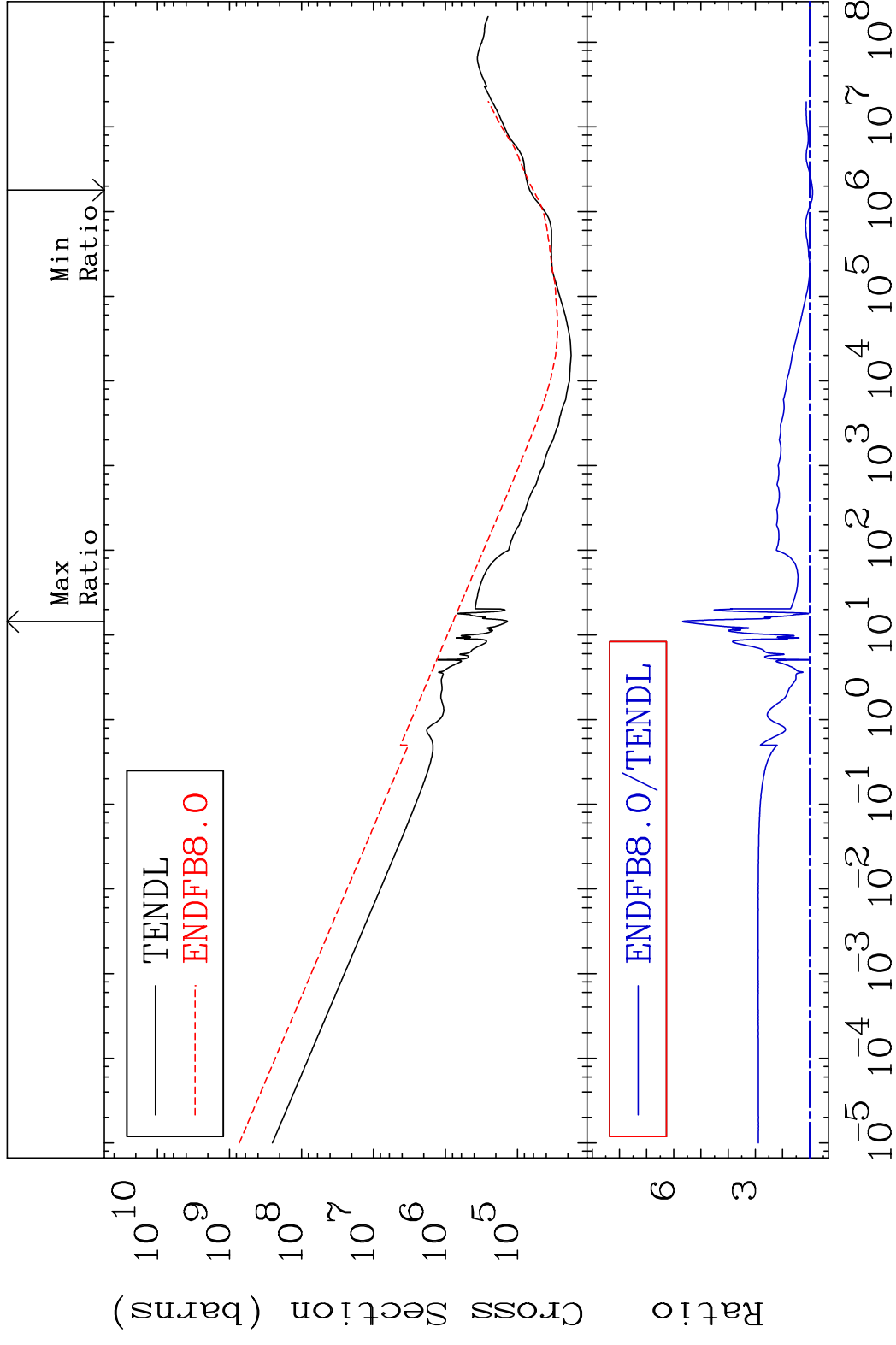


MAT 9337

Dpa total (eV-barns)

93-Np-234

Cross Section -10.58 To 468.5 %



25

Incident Energy (eV)

93-Np-234

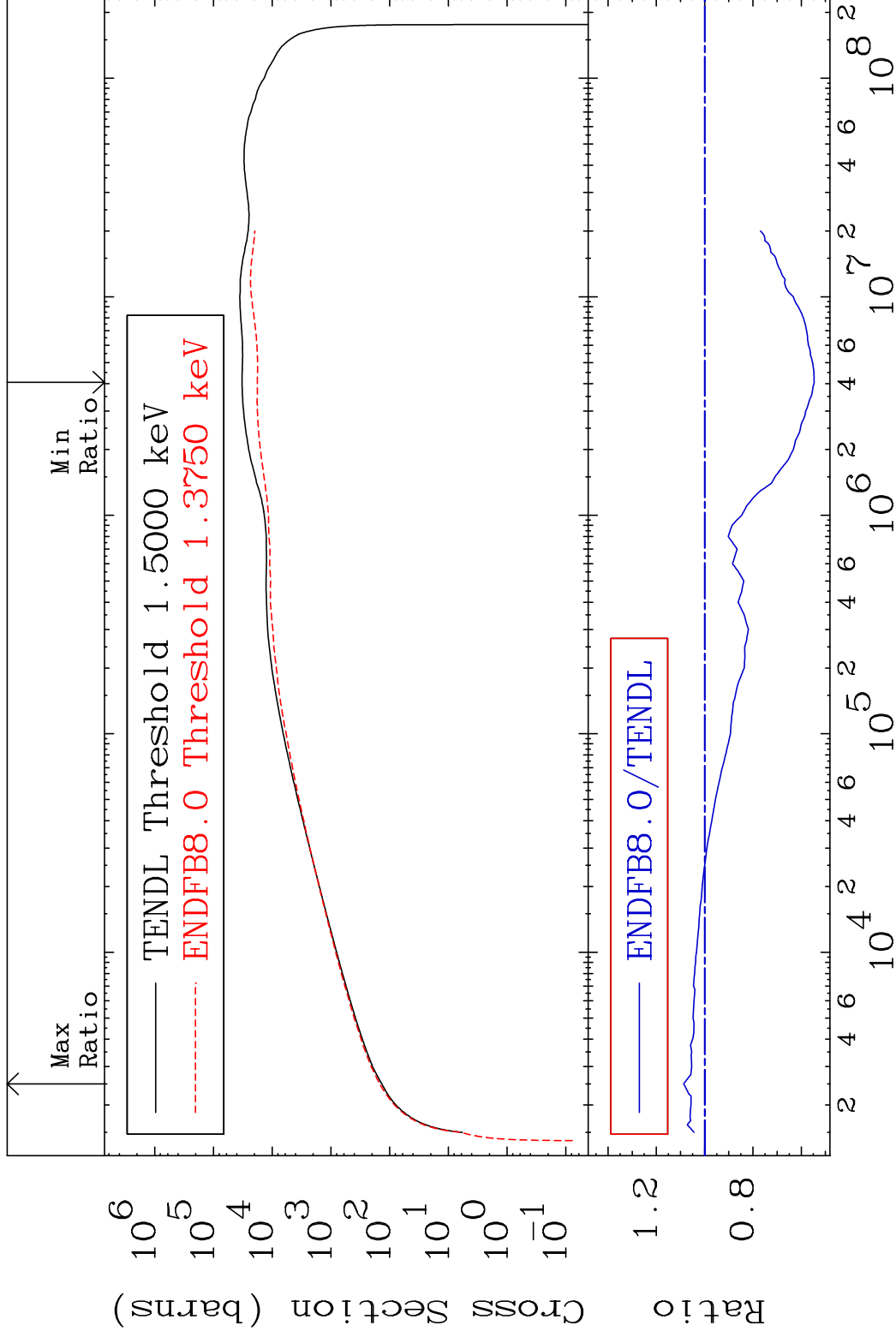
MAT 9337

Dpa elastic (mt2)

93-Np-234

Cross Section

-45.31 To 8.696 %

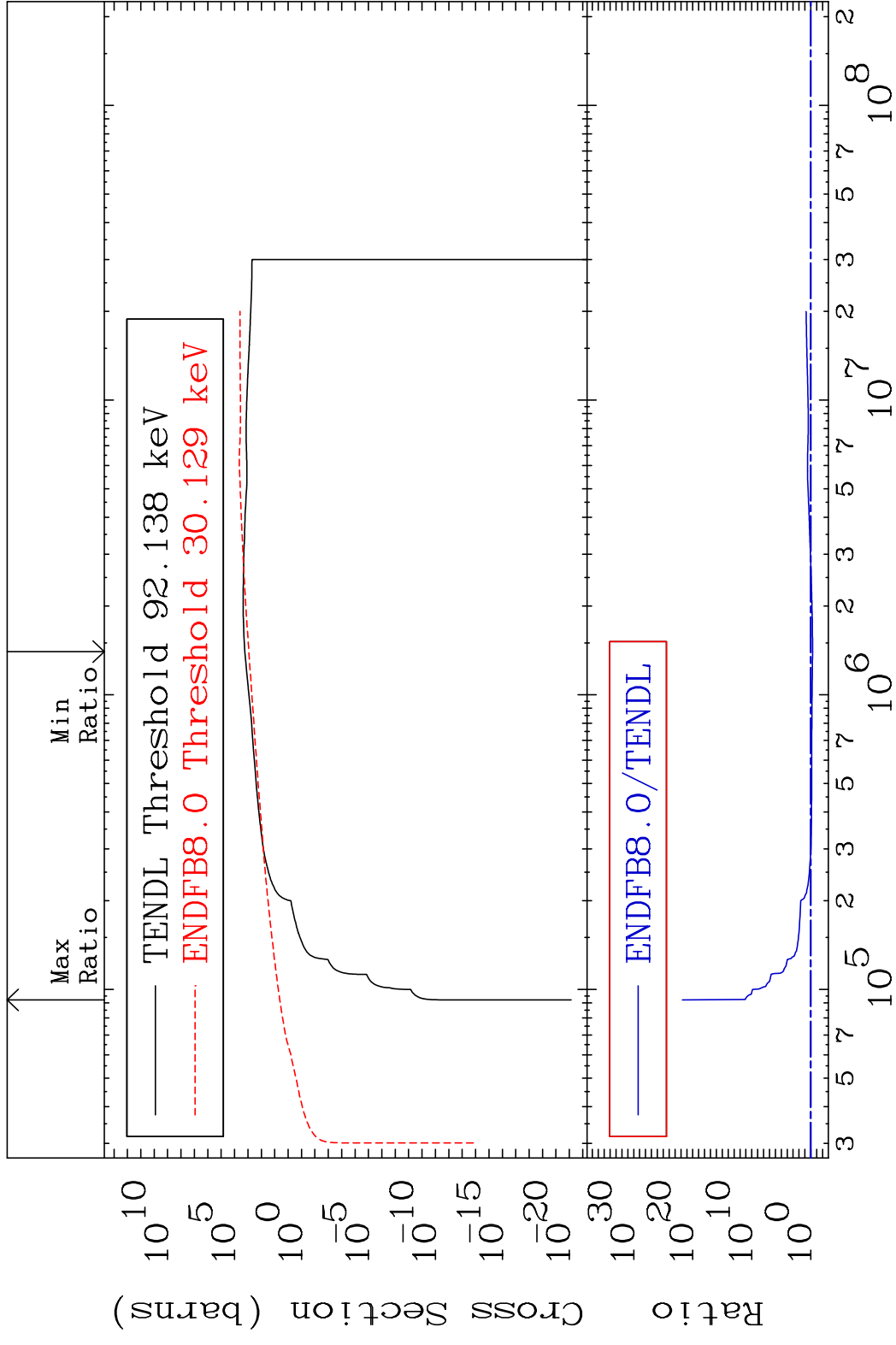


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Incident Energy (eV)

93-Np-234

MAT 9337 Dpa inelastic (mt51-91) 93-Np-234
 Cross Section -49.51 To 9999. %



MAT 9337 Dpa disappearance (mt102 -120) 93-Np-234
 Cross Section -100.0 To 944.4 %

