

Program Complot
(Version 2021-1)

by

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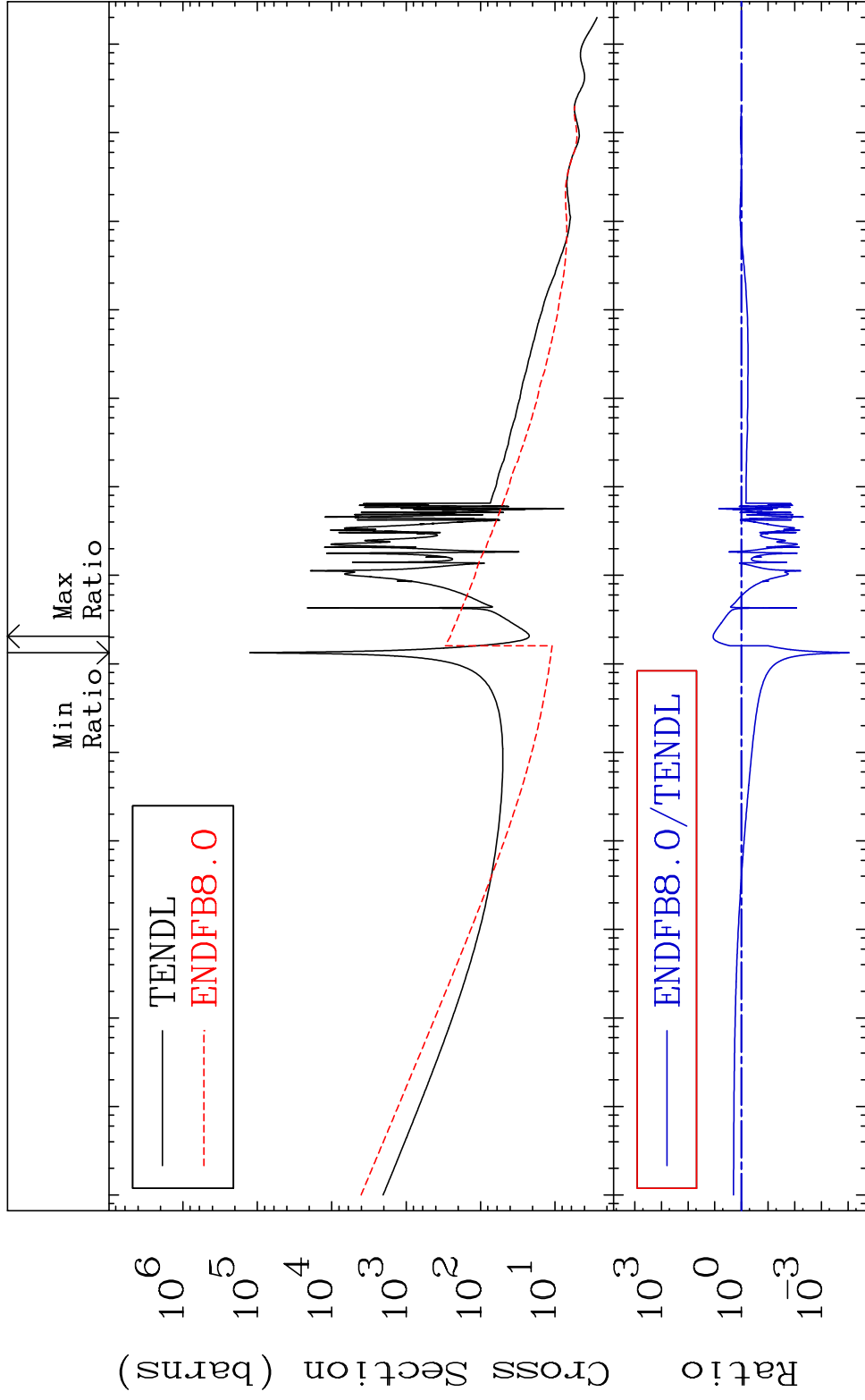
Press Mouse Button to Start

MAT 7246

Total

72-Hf-181

Cross Section -99.99 To 1046. %



1

Incident Energy (eV)

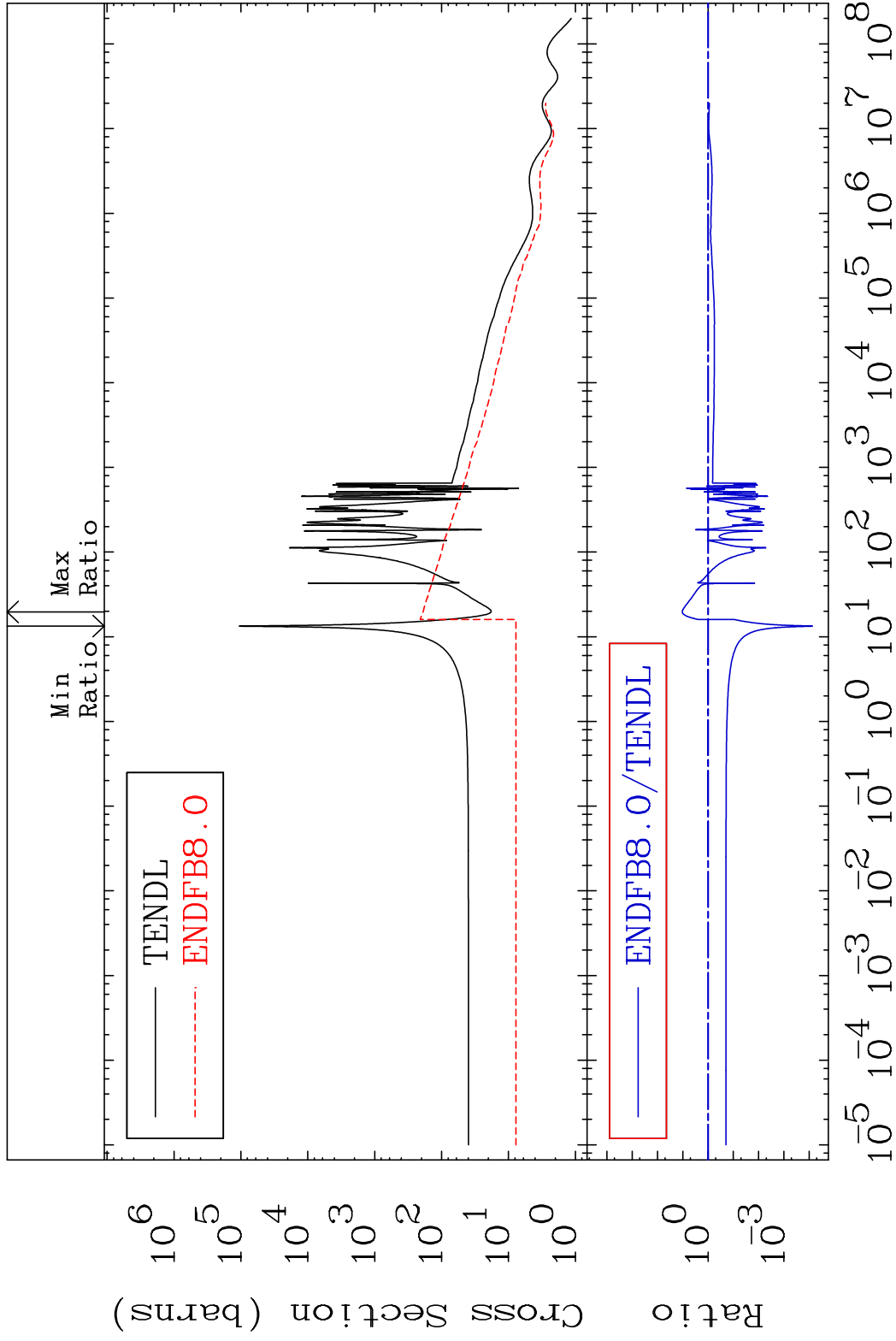
72-Hf-181

MAT 7246

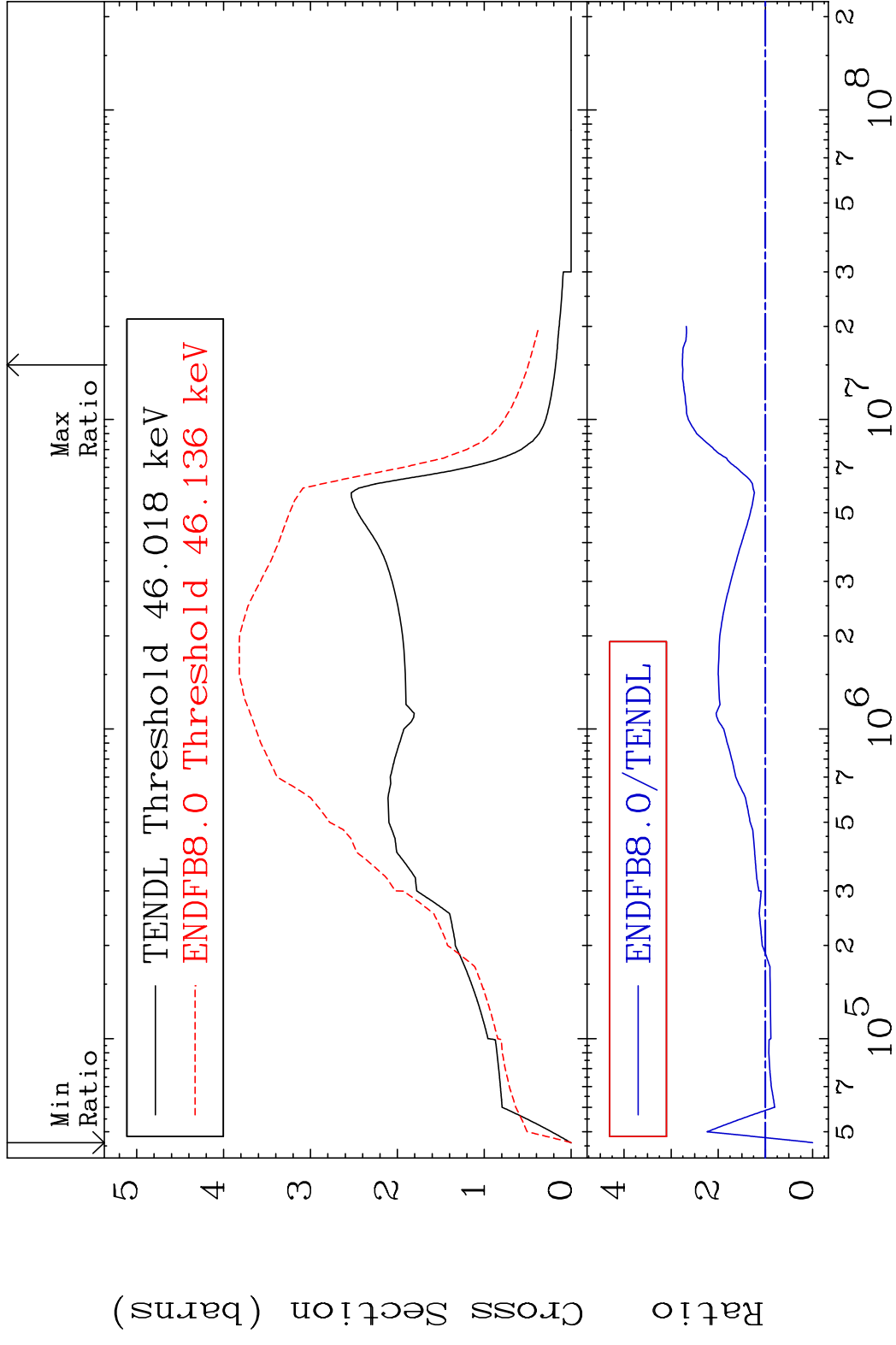
Elastic

72-Hf-181

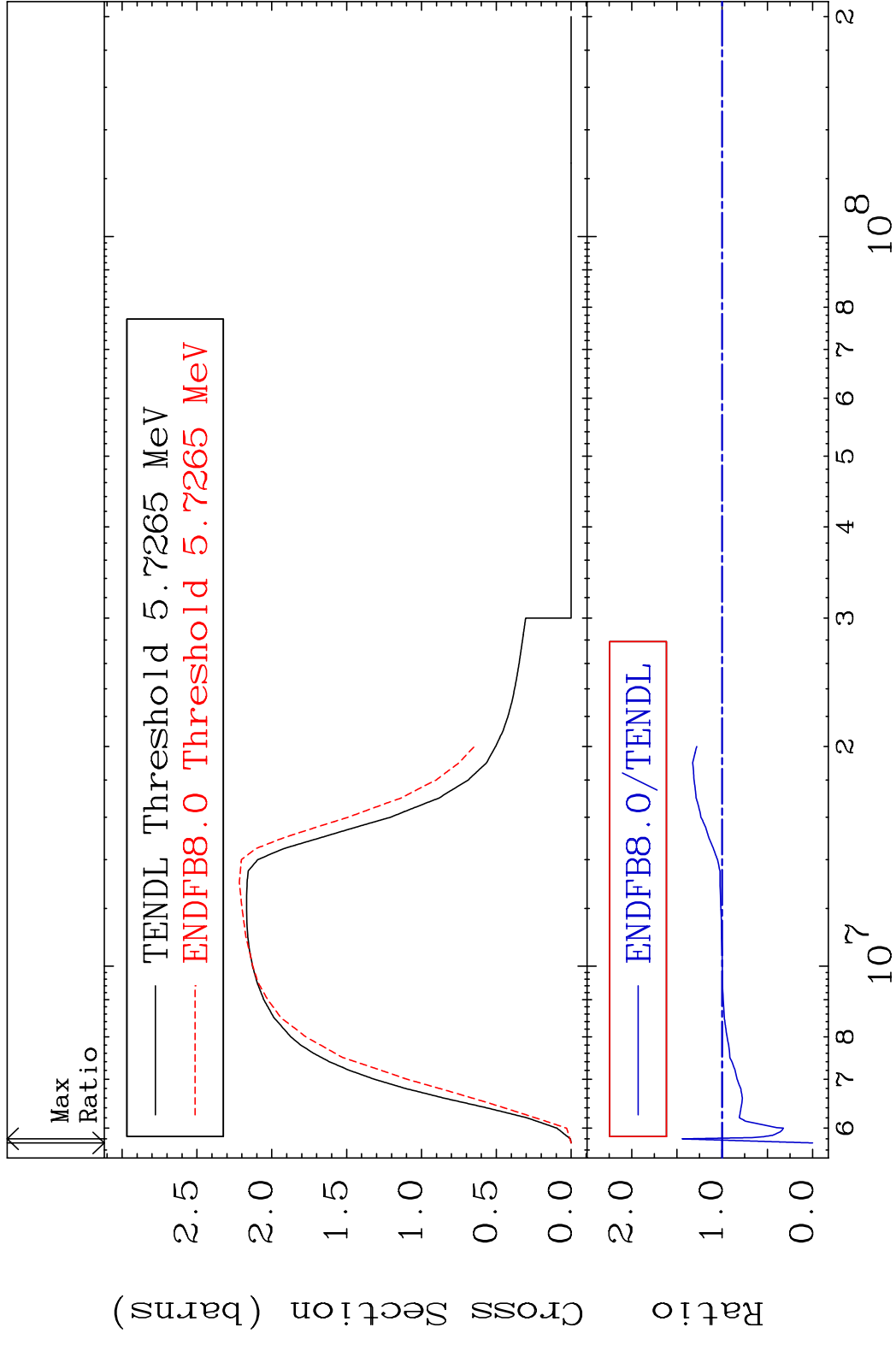
Cross Section -99.99 To 938.8 %



MAT 7246 Inelastic 72-Hf-181
 Cross Section -100.0 To 176.2 %



MAT 7246 (n,2n) 72-Hf-181
 Cross Section -100.0 To 43.99 %



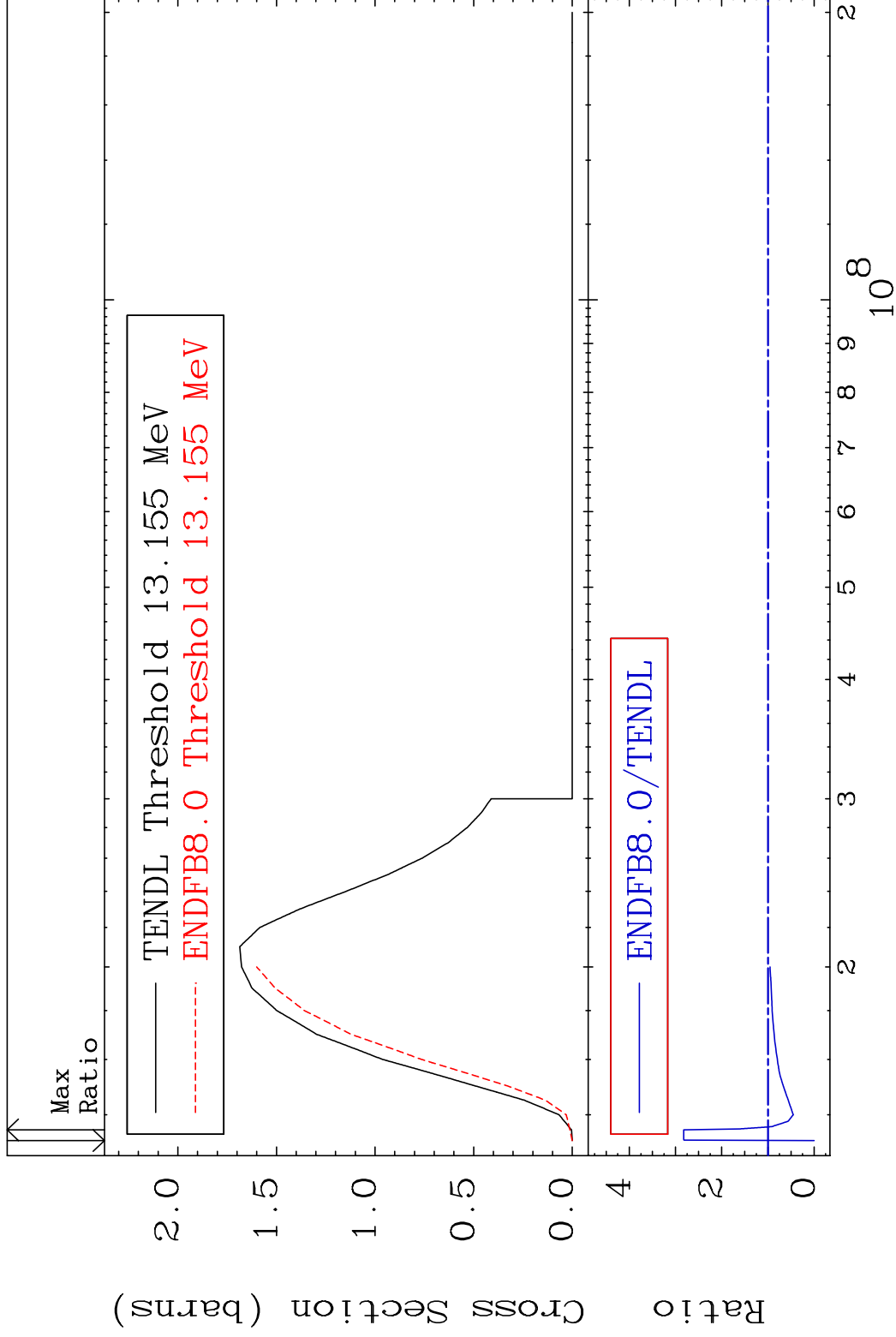
4 Incident Energy (eV) 72-Hf-181

MAT 7246

(n,3n)

72-Hf-181

Cross Section -100.0 To 182.4 %



5

Incident Energy (eV)

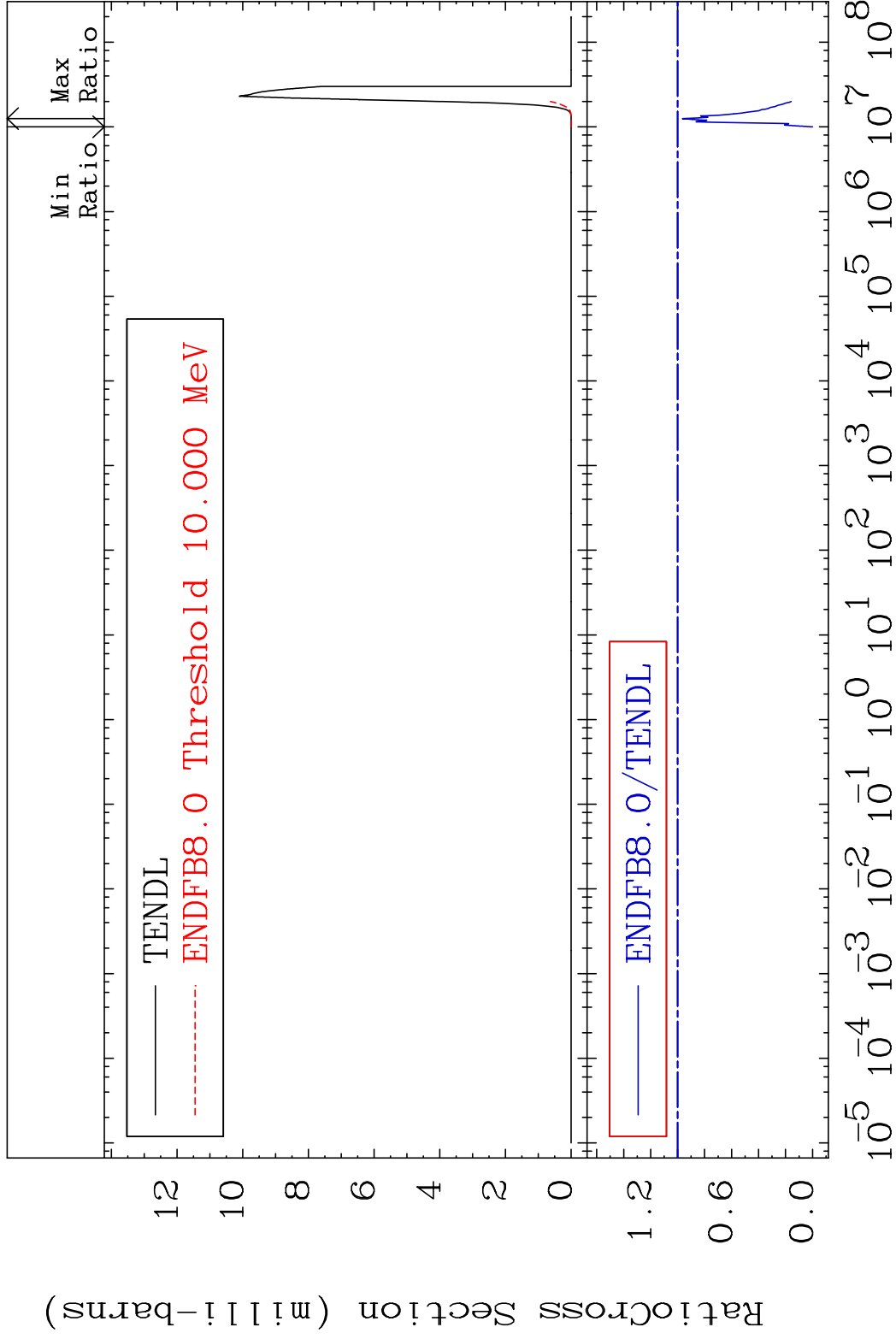
72-Hf-181

MAT 7246

(n, n') α

72-Hf-181

Cross Section -100.0 To -3.494%



6

Incident Energy (eV)

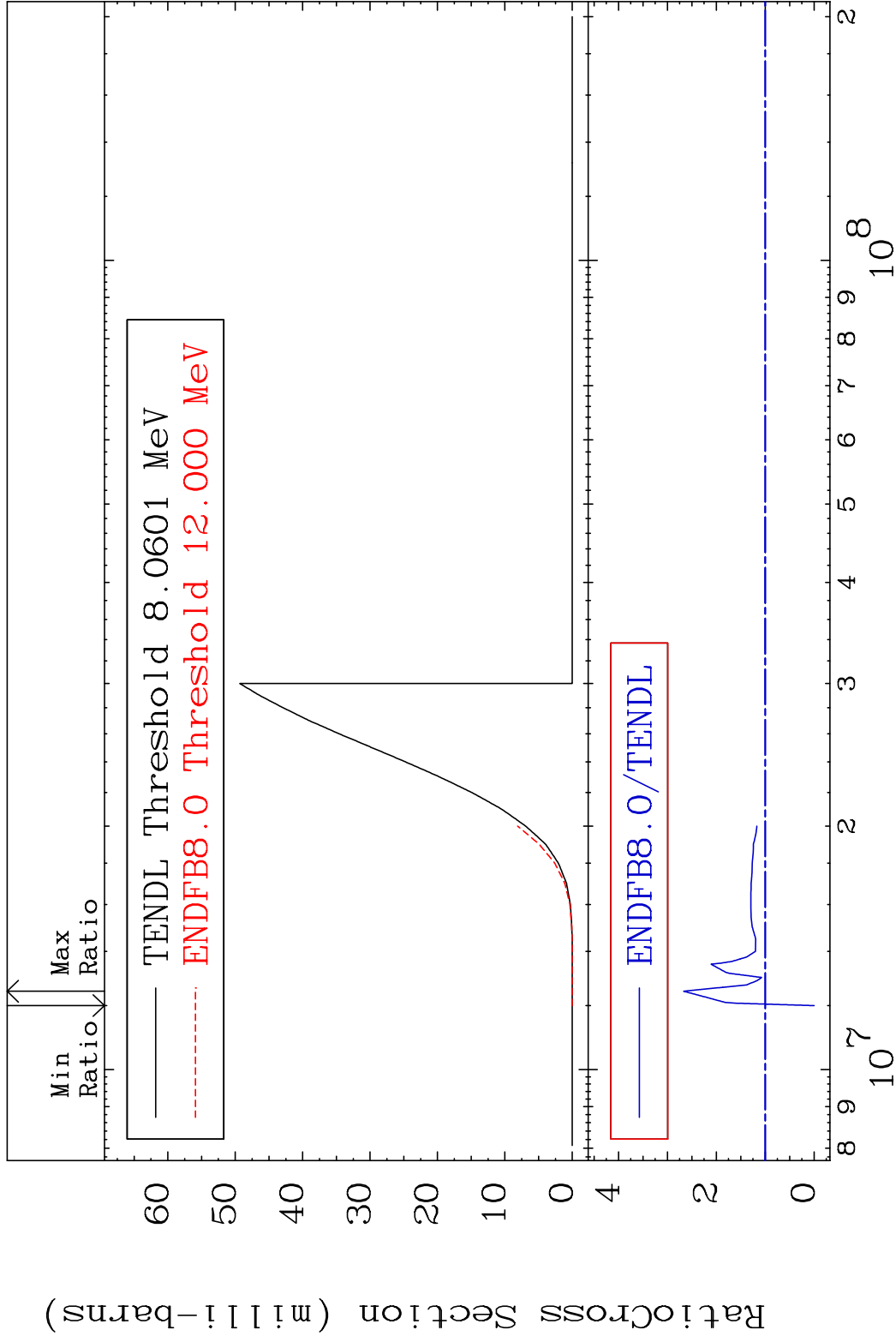
72-Hf-181

MAT 7246

(n, n') p

72-Hf-181

Cross Section -100.0 To 166.8 %



7

Incident Energy (eV)

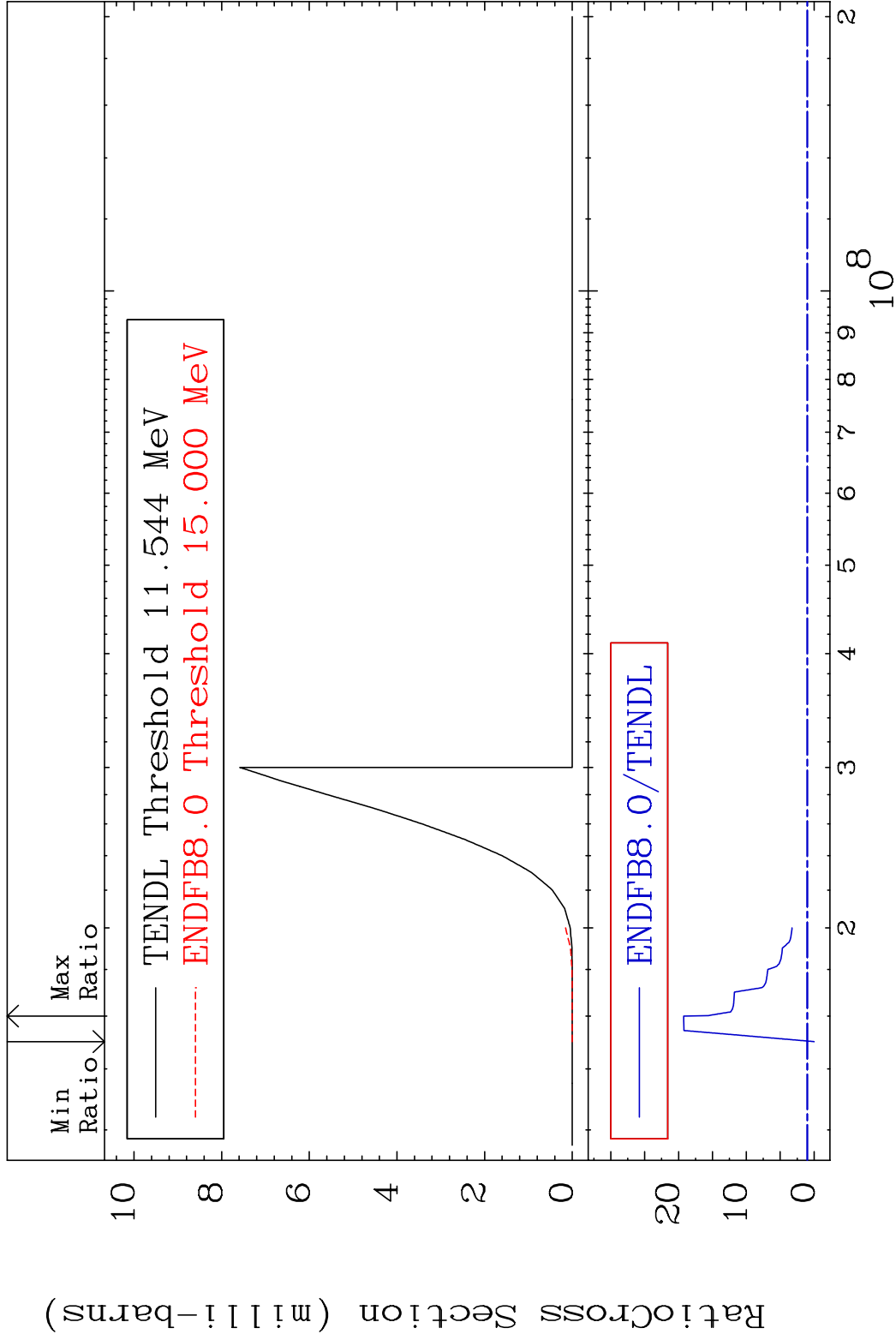
72-Hf-181

MAT 7246

(n, n') d

72-Hf-181

Cross Section -100.0 To 1825. %

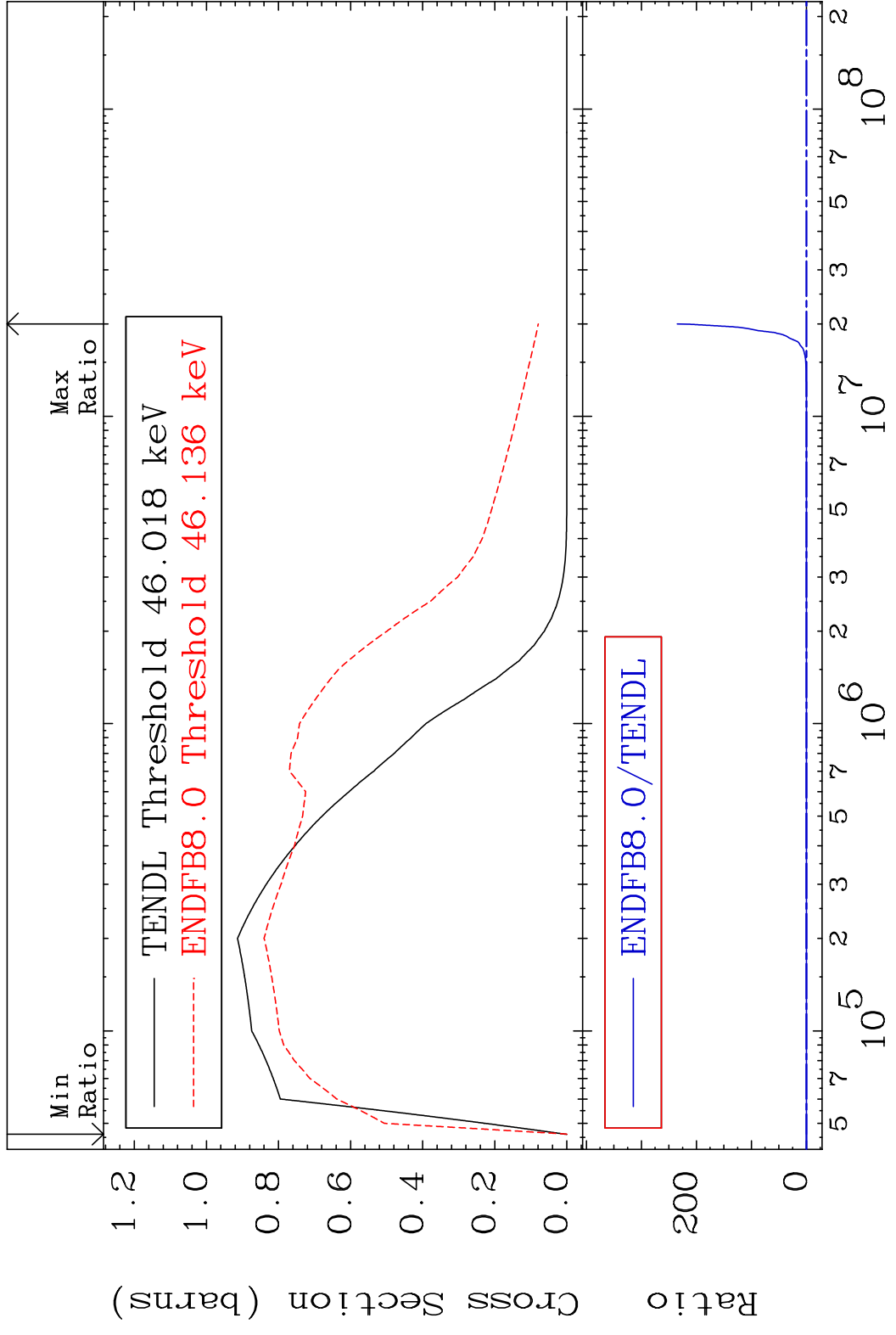


8

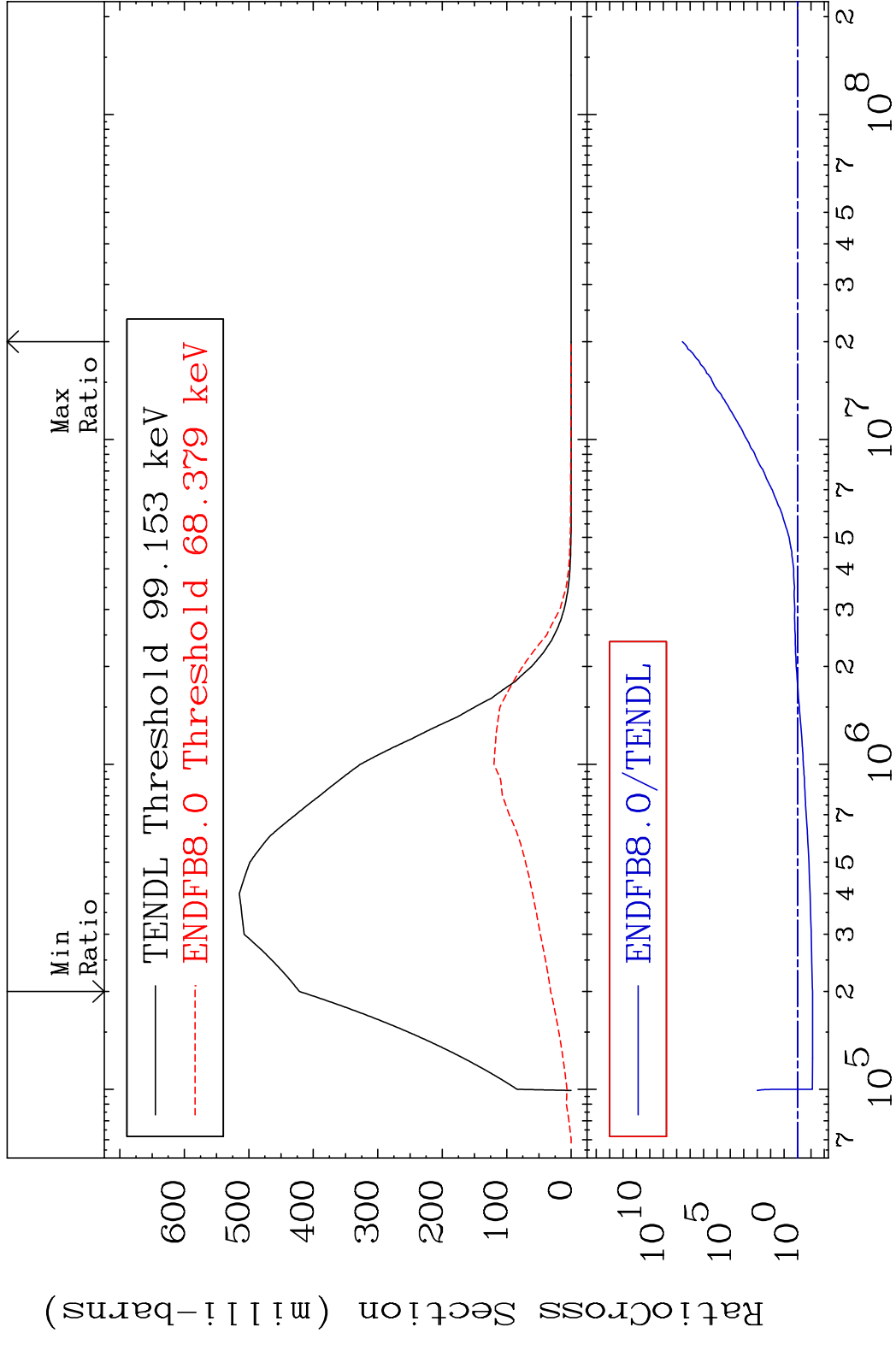
Incident Energy (eV)

72-Hf-181

MAT 7246 MT= 51 (n, n') Level 72-Hf-181
 Cross Section -100.0 To 9999. %

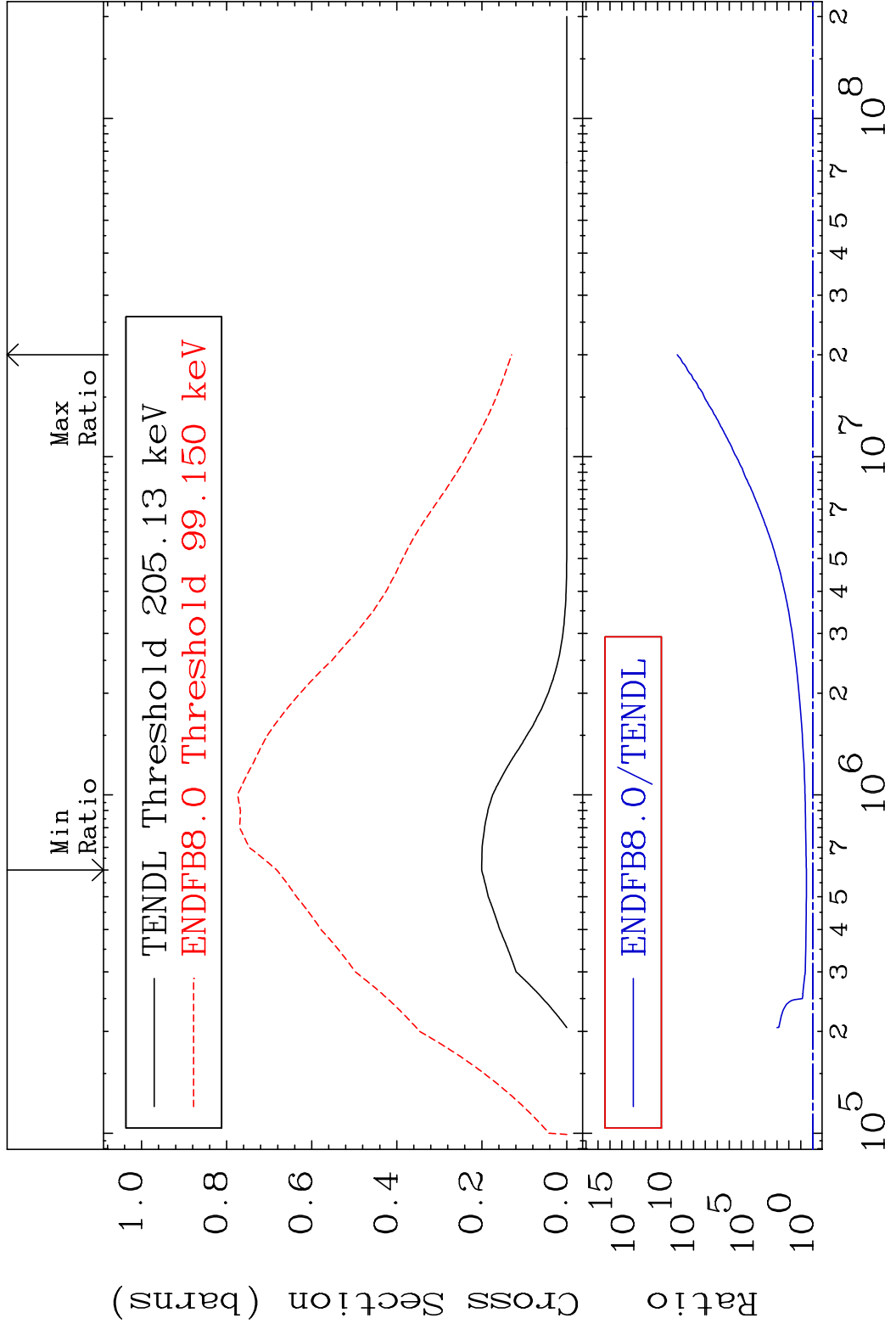


MAT 7246 MT= 52 (n,n') Level 72-Hf-181
 Cross Section -92.46 To 9999. %

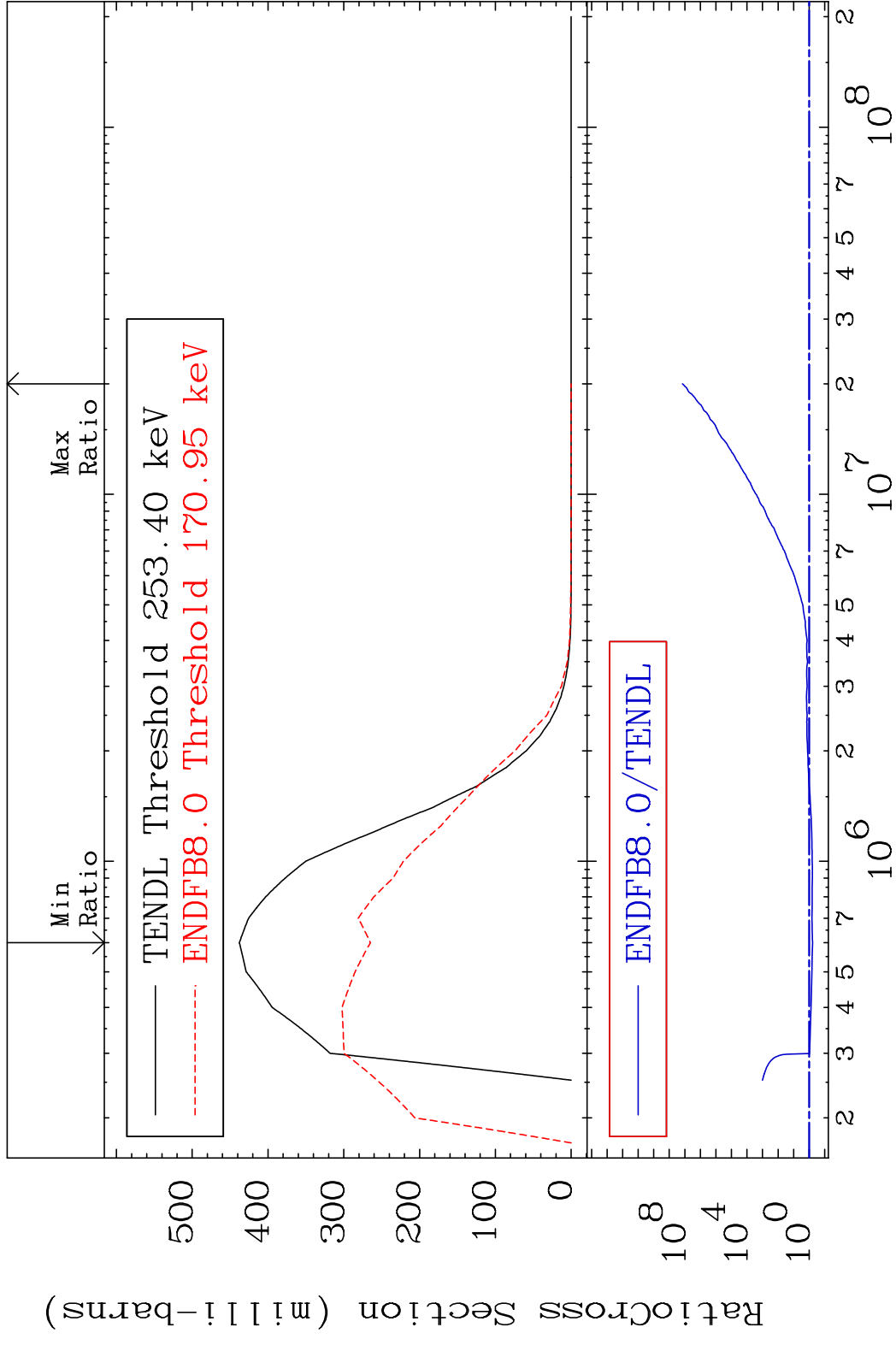


10 10 Incident Energy (eV) 72-Hf-181

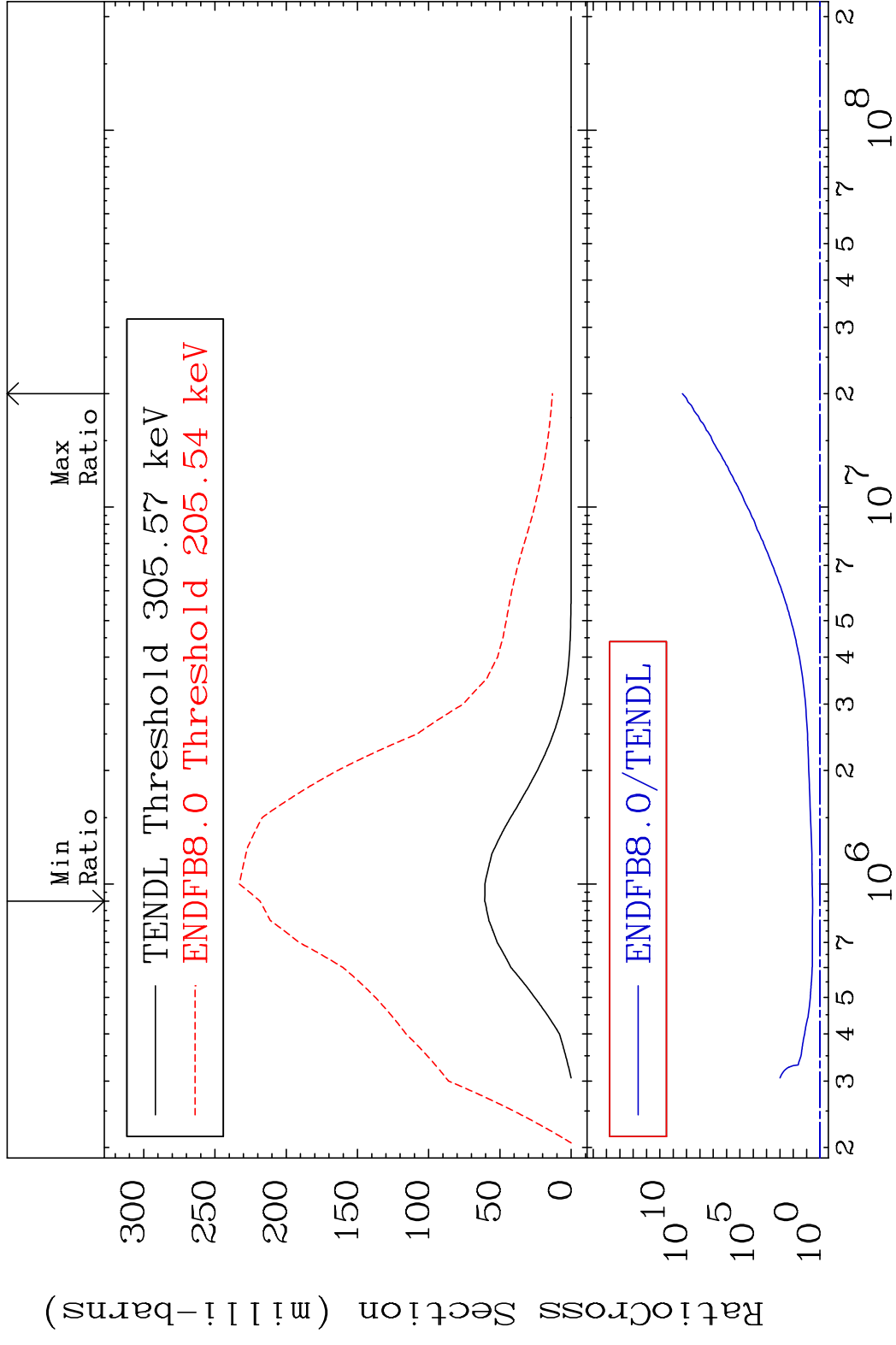
MAT 7246 MT= 53 (n, n') Level 72-Hf-181
 Cross Section 240.4 To 9999. %



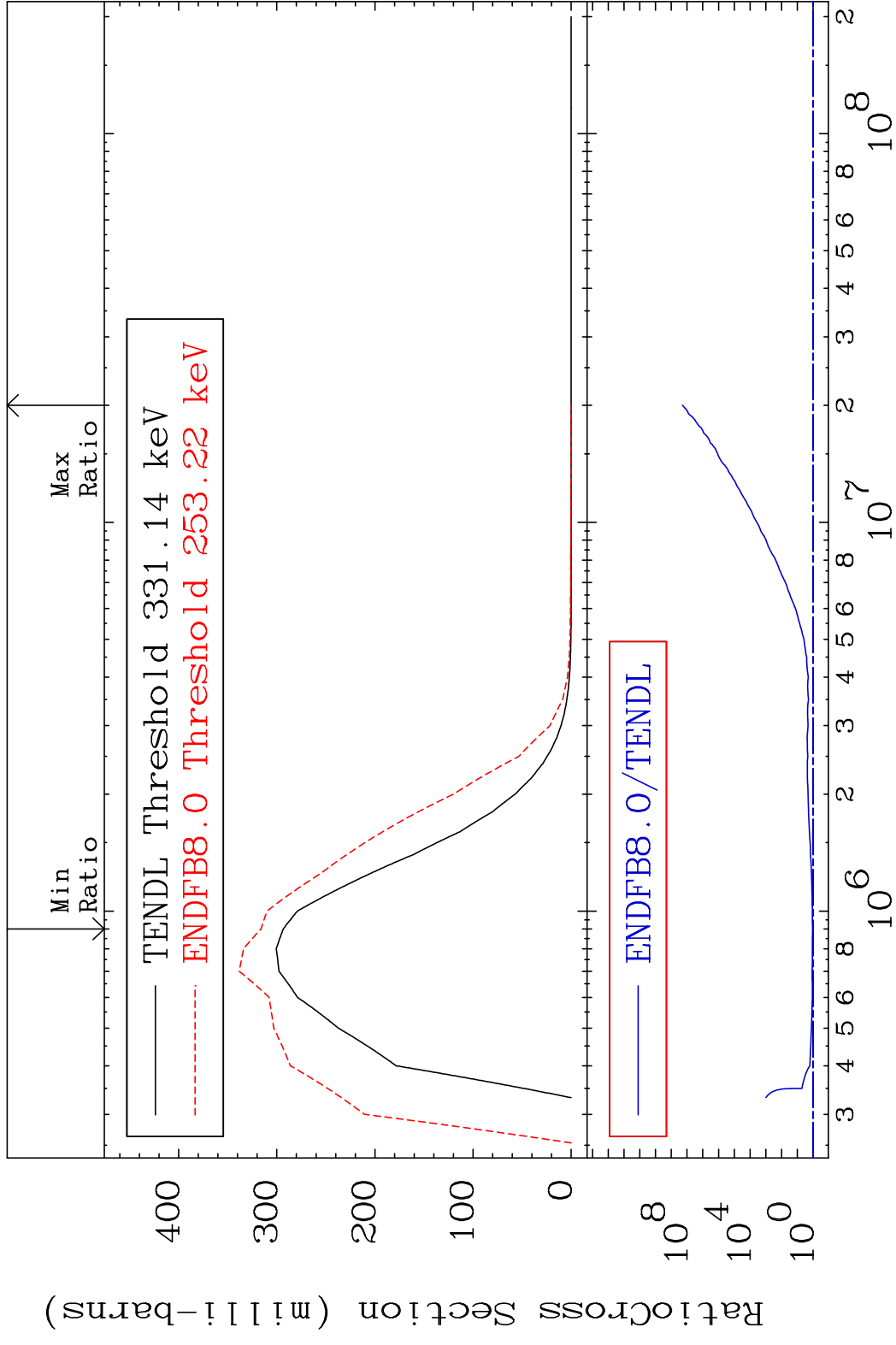
MAT 7246 MT= 54 (n,n') Level 72-Hf-181
 Cross Section -39.50 To 9999. %



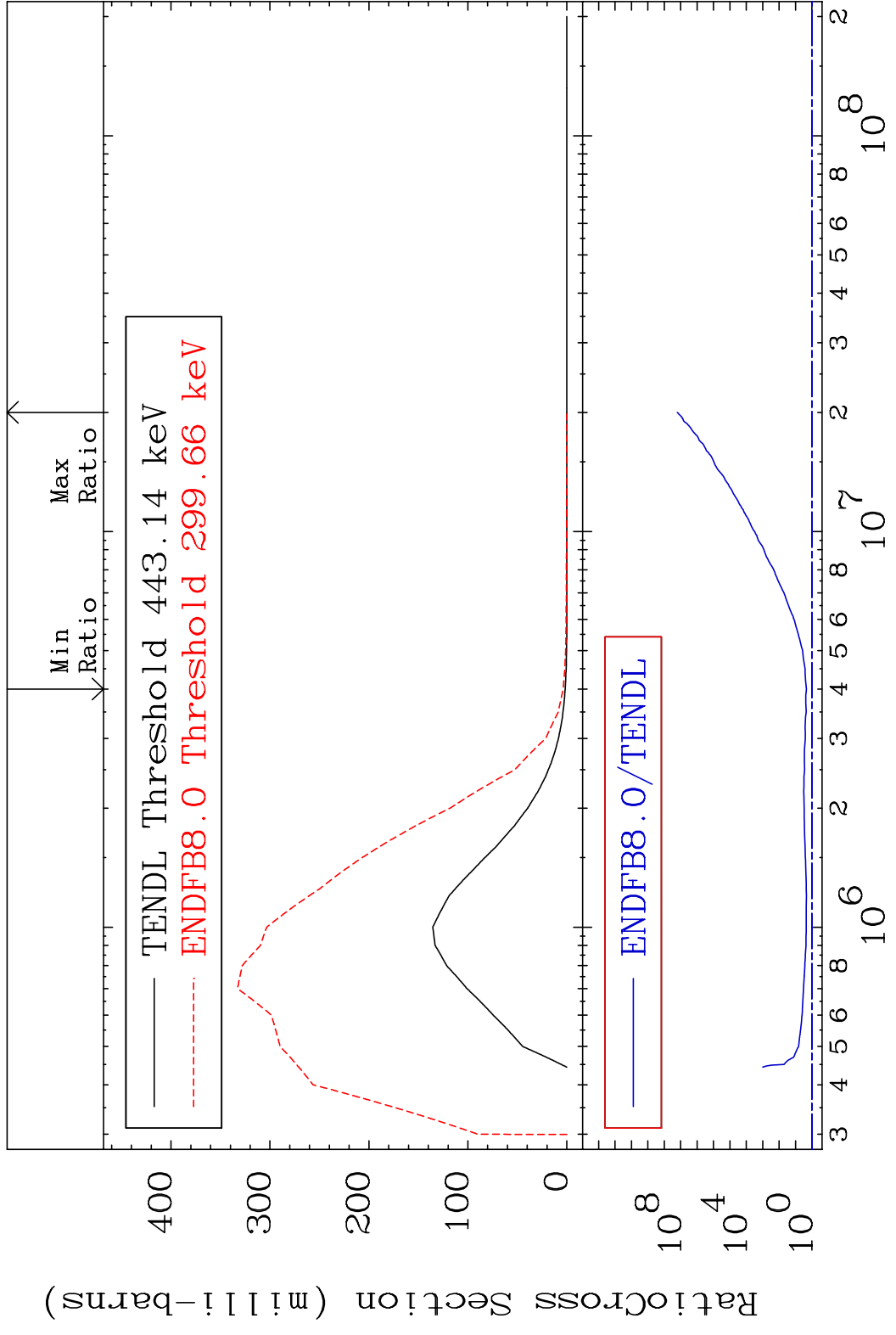
MAT 7246 MT= 55 (n,n') Level 72-Hf-181
 Cross Section 260.2 To 9999. %



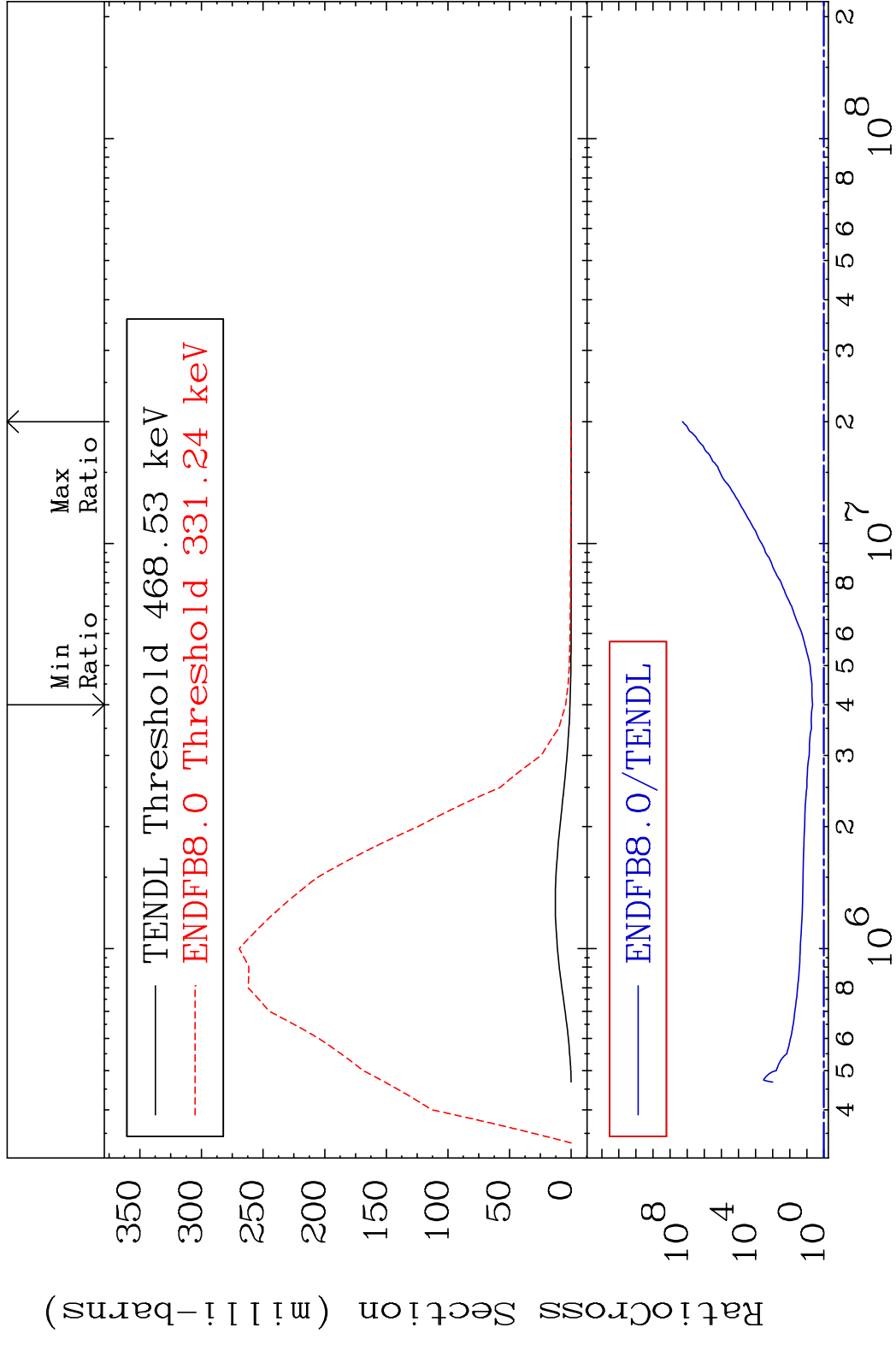
MAT 7246 MT= 56 (n,n') Level 72-Hf-181
 Cross Section 7.742 To 9999. %



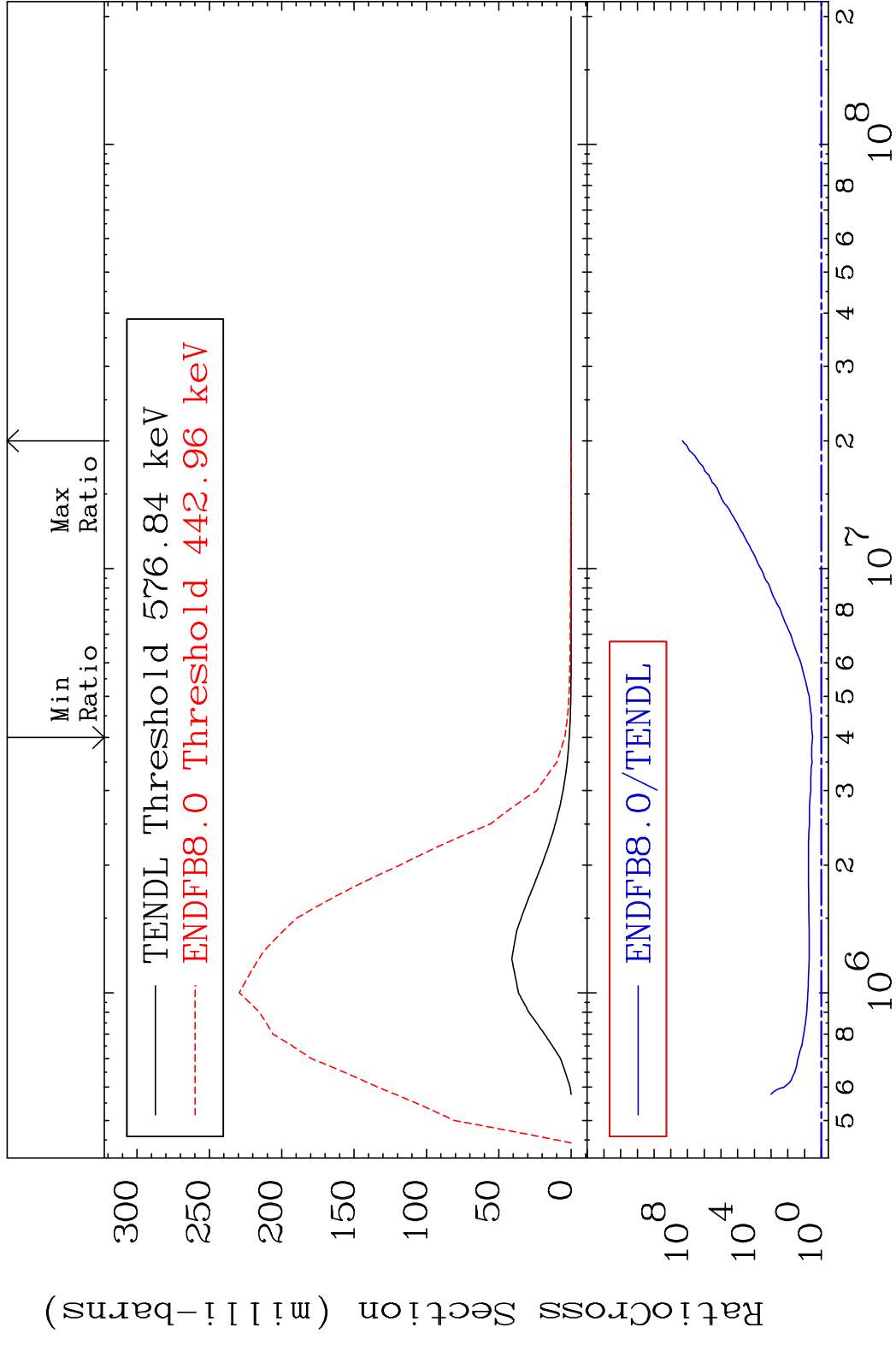
MAT 7246 MT= 57 (n, n') Level 72-Hf-181
 Cross Section 117.6 To 9999. %



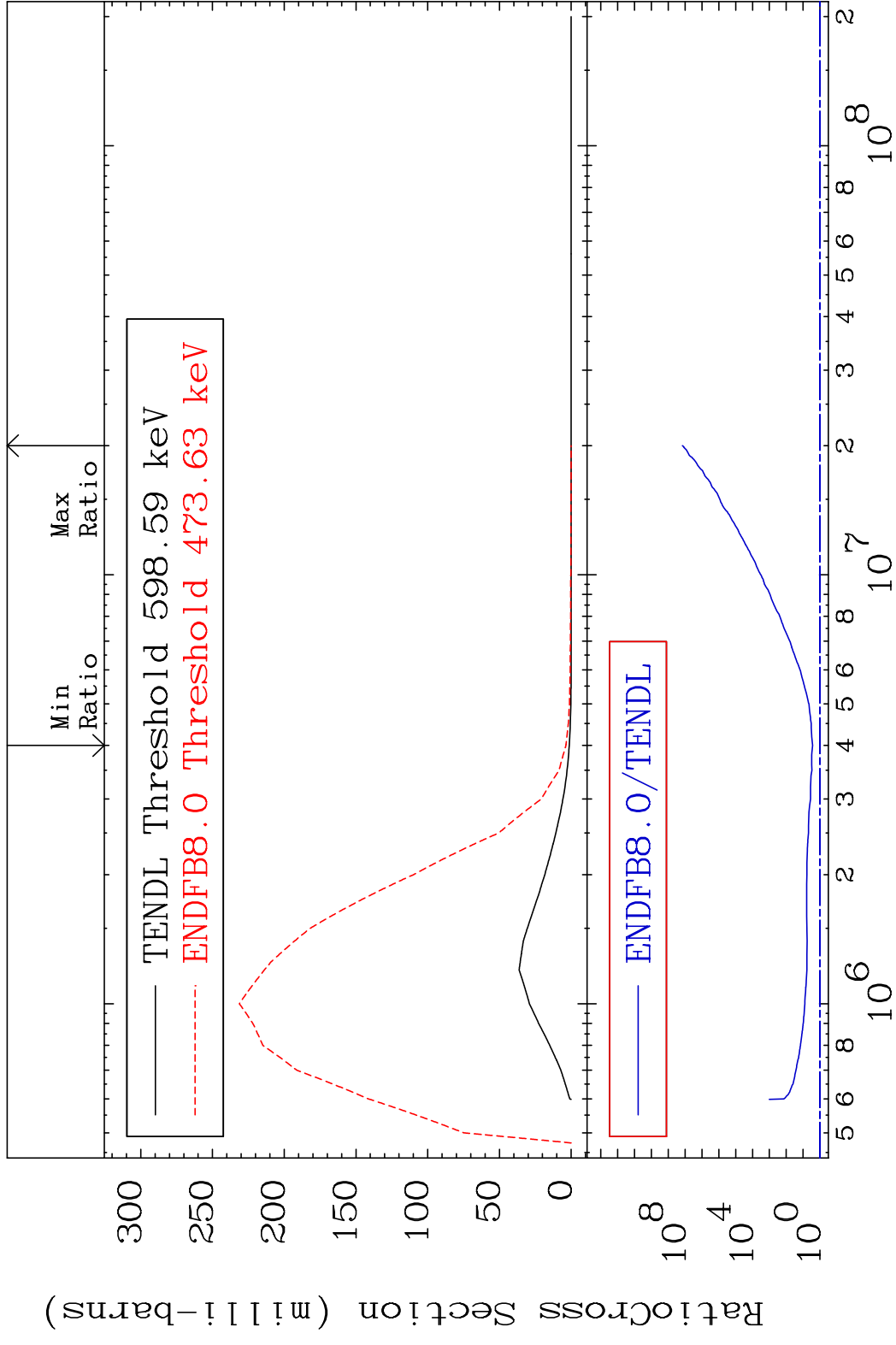
MAT 7246 MT= 58 (n,n') Level 72-Hf-181
 Cross Section 360.8 To 9999. %



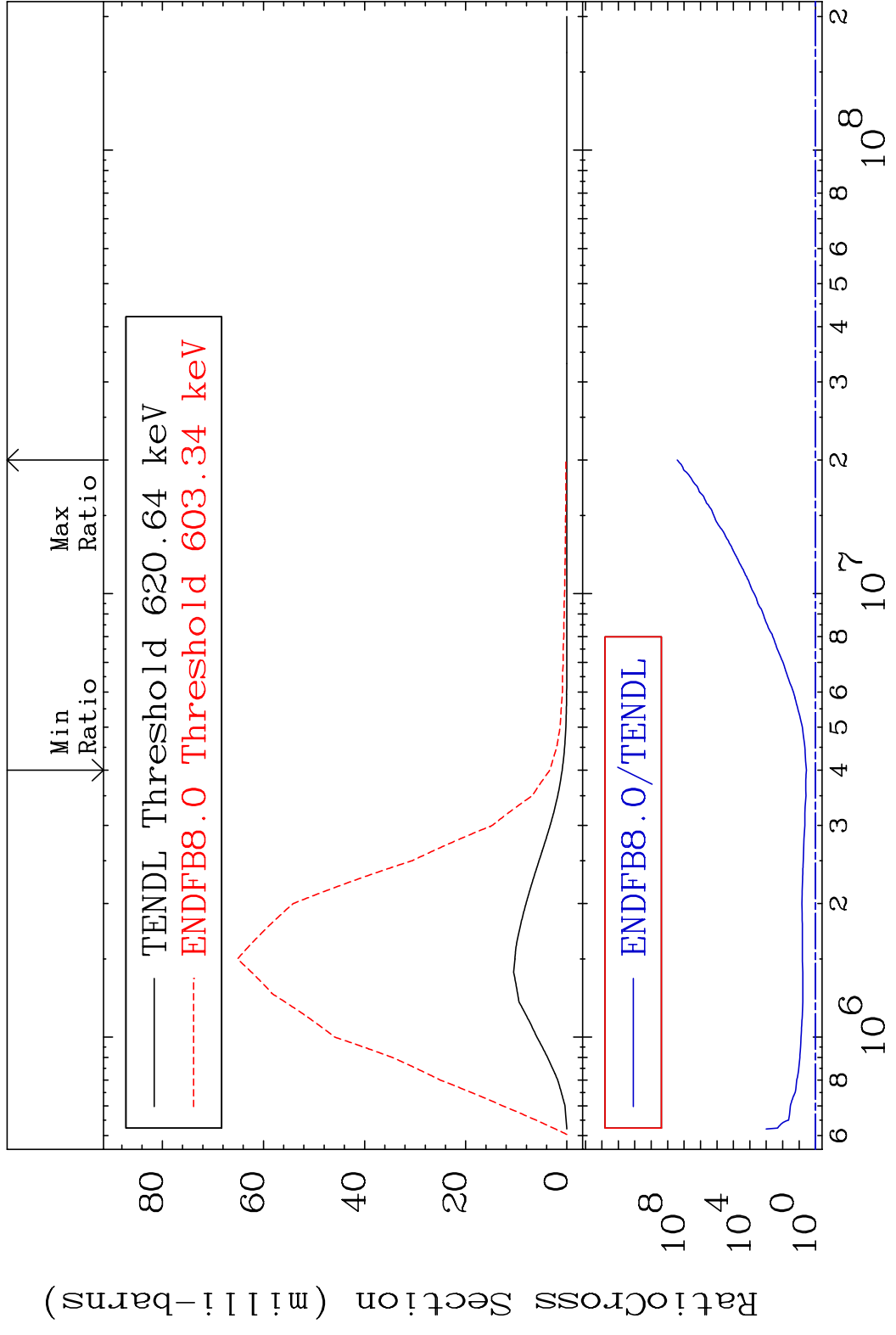
MAT 7246 MT= 59 (n, n') Level 72-Hf-181
 Cross Section 232.4 To 9999. %



MAT 7246 MT= 60 (n, n') Level 72-Hf-181
 Cross Section 173.6 To 9999. %



MAT 7246 MT= 61 (n, n') Level 72-Hf-181
 Cross Section 261.3 To 9999. %

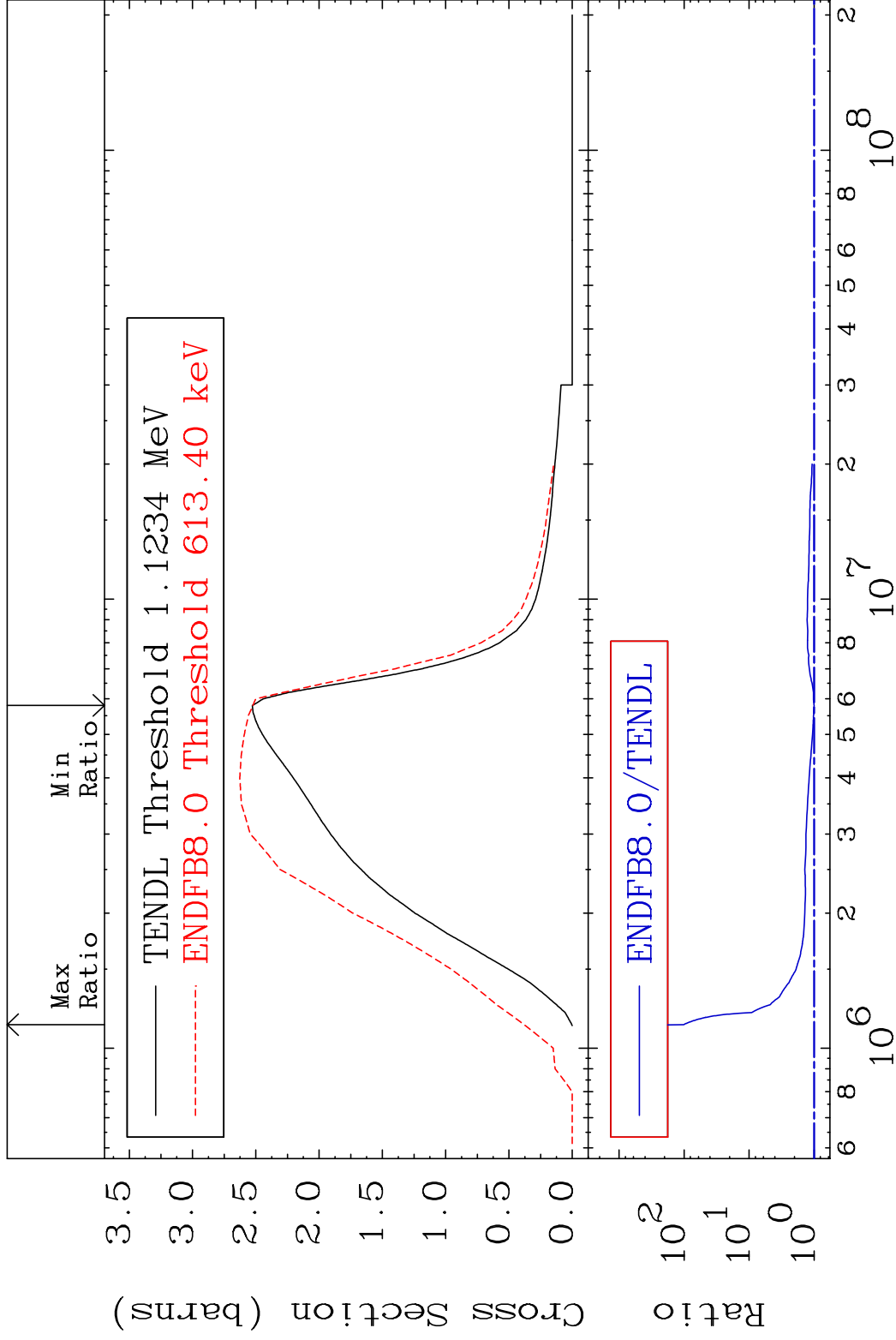


MAT 7246

(n, n') Continuum

72-Hf-181

Cross Section -0.123 To 9999. %



20

Incident Energy (eV)

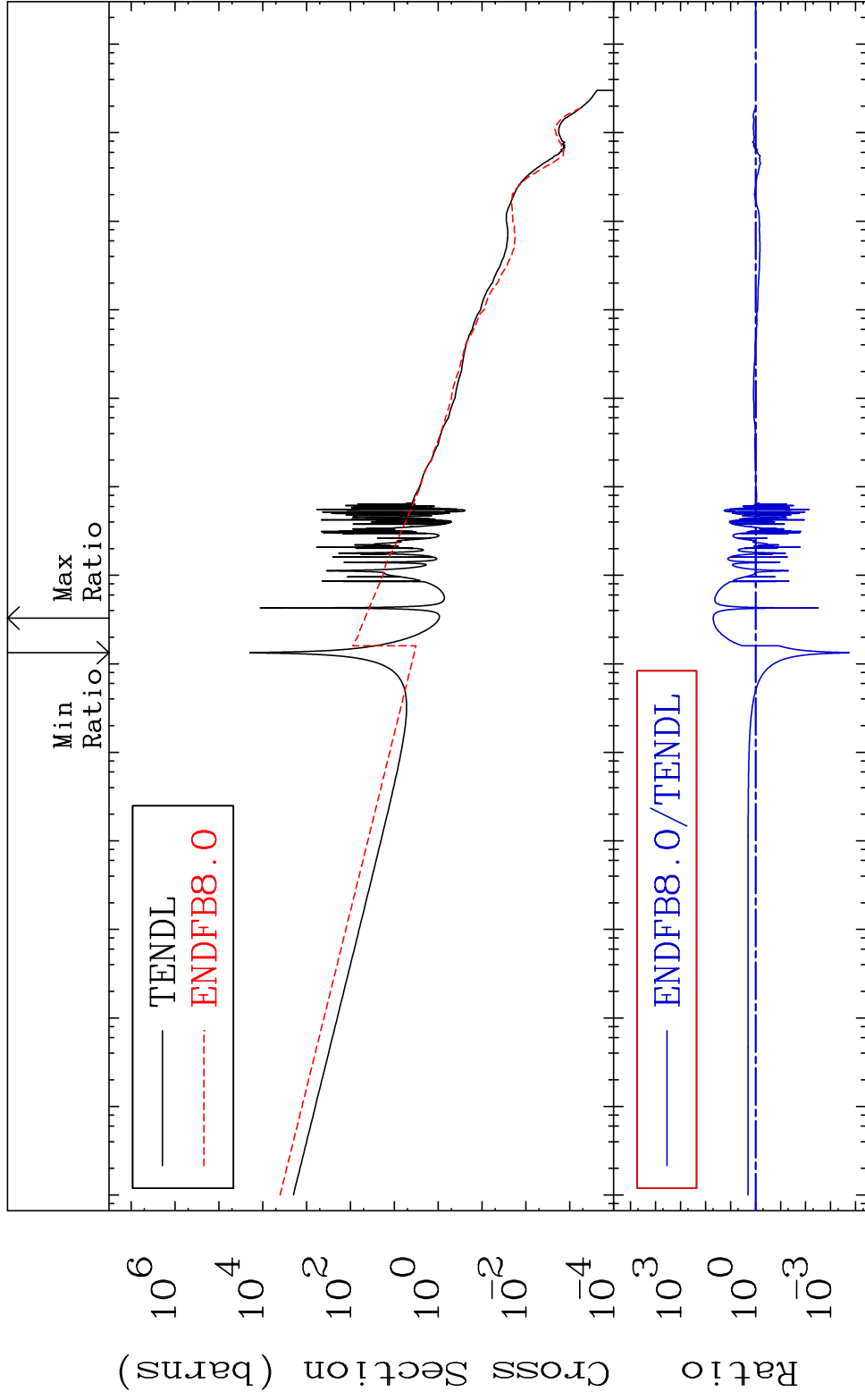
72-Hf-181

MAT 7246

(n, γ)

72-Hf-181

Cross Section -99.98 To 4826. %

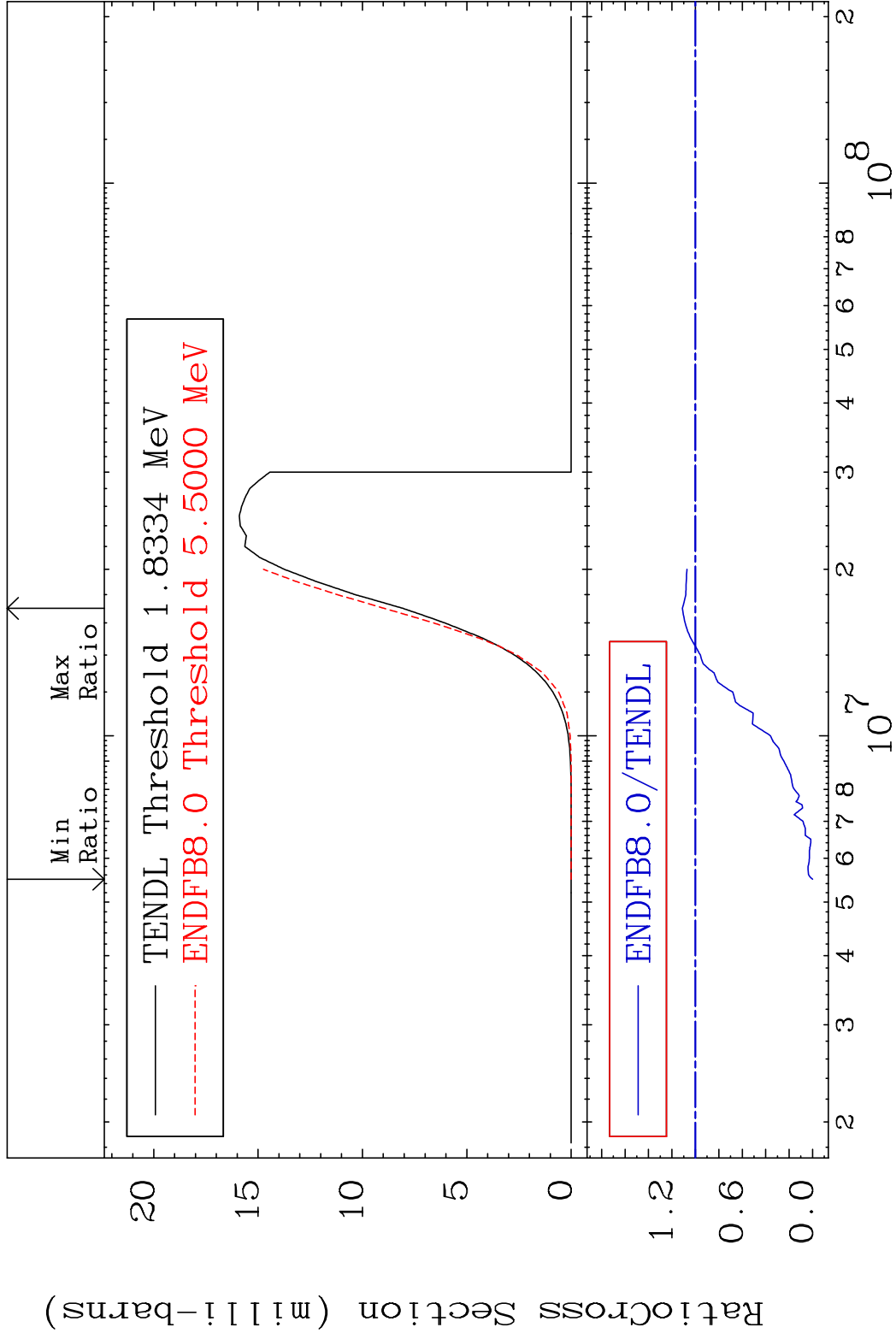


MAT 7246

(n, p)

72-Hf-181

Cross Section -100.0 To 11.13 %



22

Incident Energy (eV)

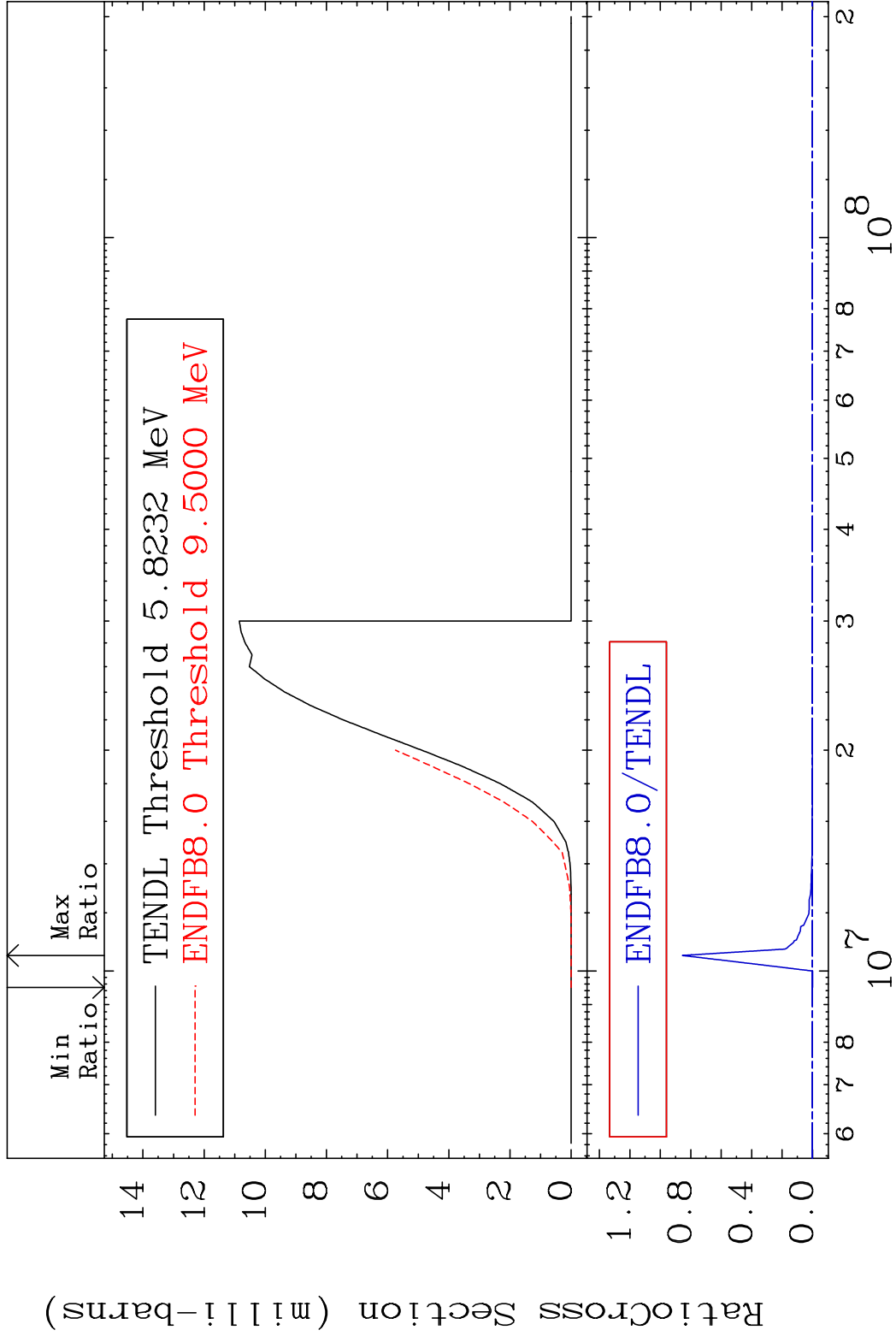
72-Hf-181

MAT 7246

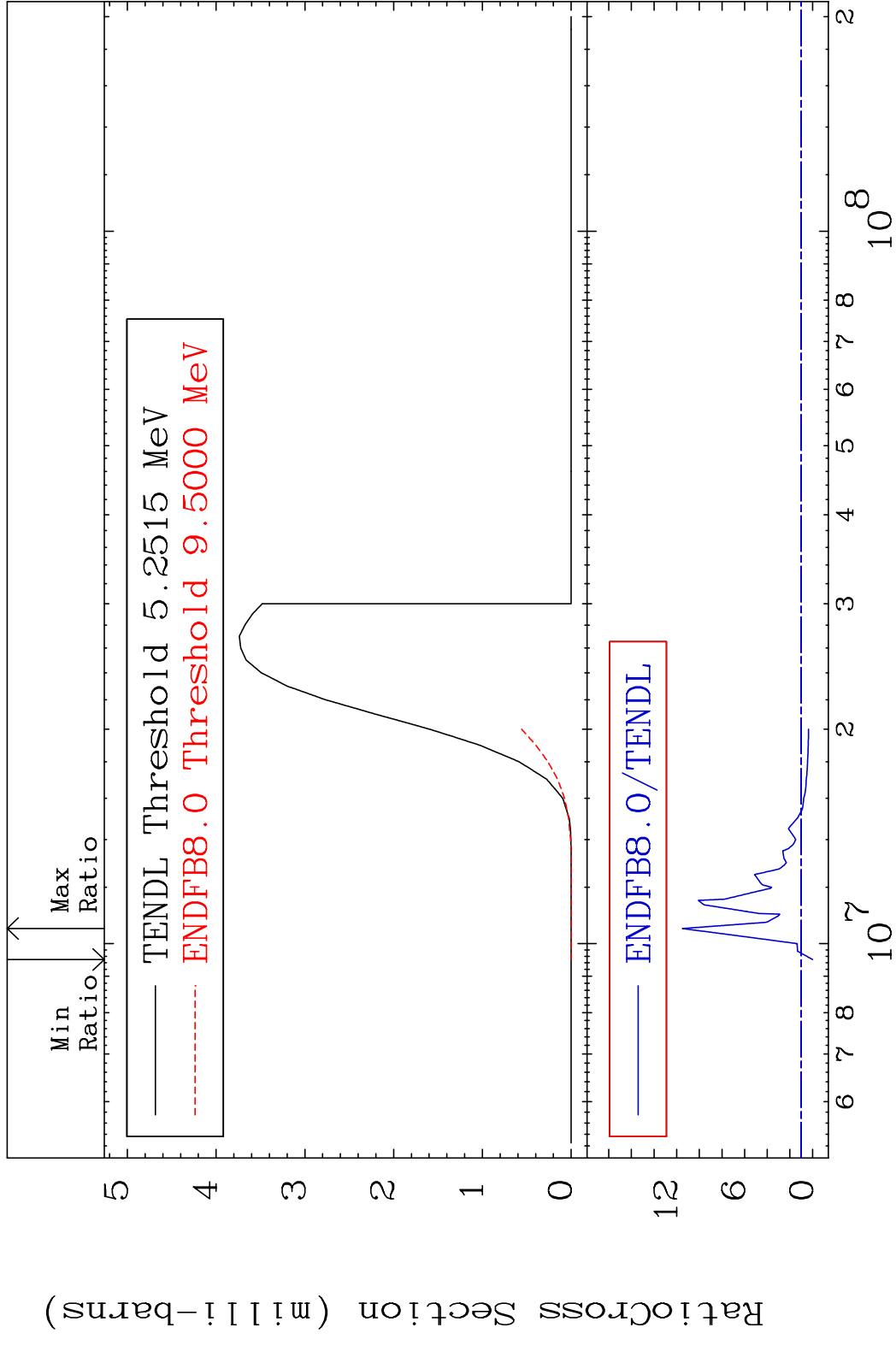
(n,d)

72-Hf-181

Cross Section -100.0 To 9999. %



MAT 7246 (n, t) 72-Hf-181
 Cross Section -100.0 To 1050. %

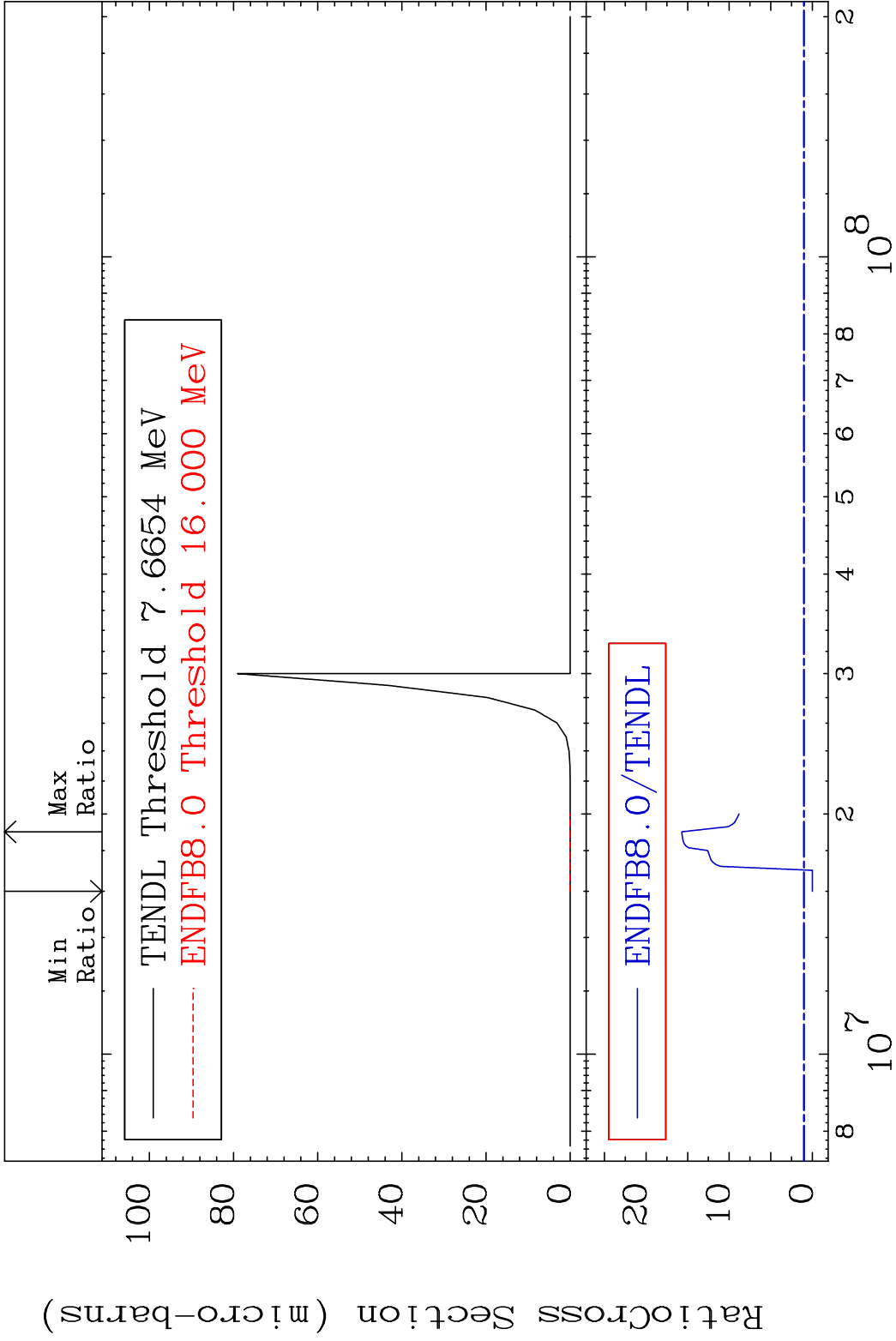


MAT 7246

(n, He-3)

72-Hf-181

Cross Section -100.0 To 1471. %



25

Incident Energy (eV)

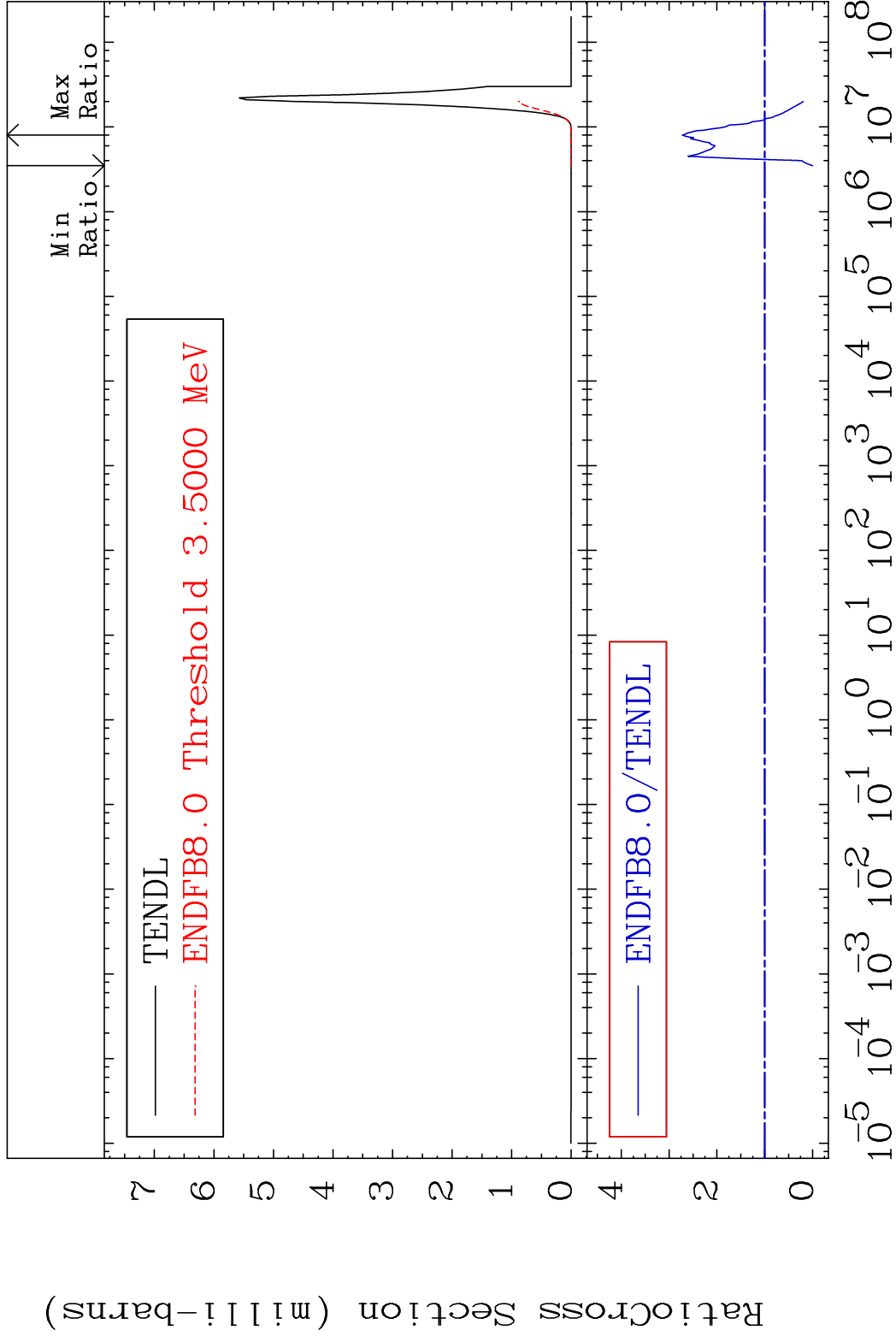
72-Hf-181

MAT 7246

(n, α)

72-Hf-181

Cross Section -100.0 To 172.3 %



26

Incident Energy (eV)

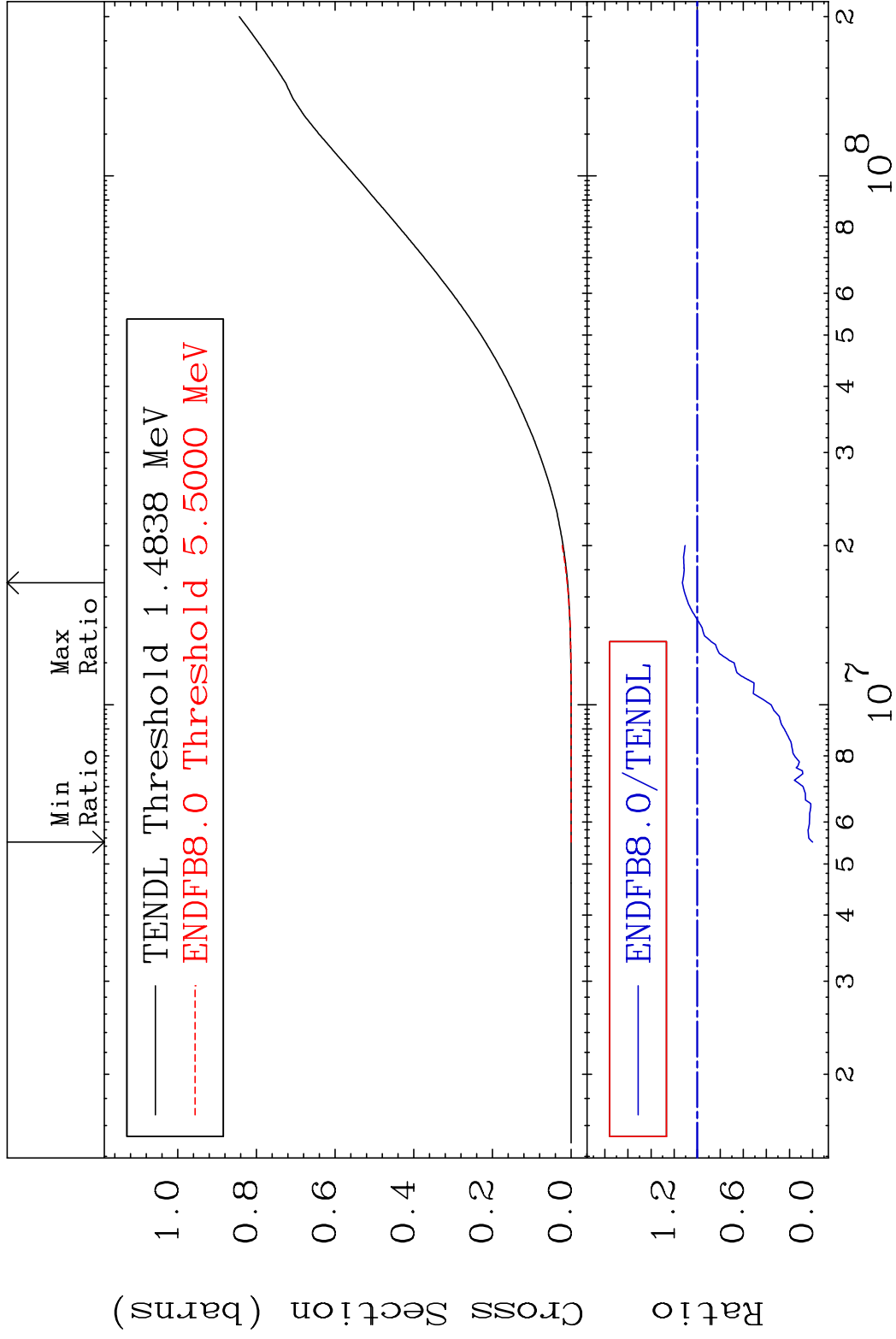
72-Hf-181

MAT 7246

Hydrogen Production

72-Hf-181

Cross Section -100.0 To 12.87 %

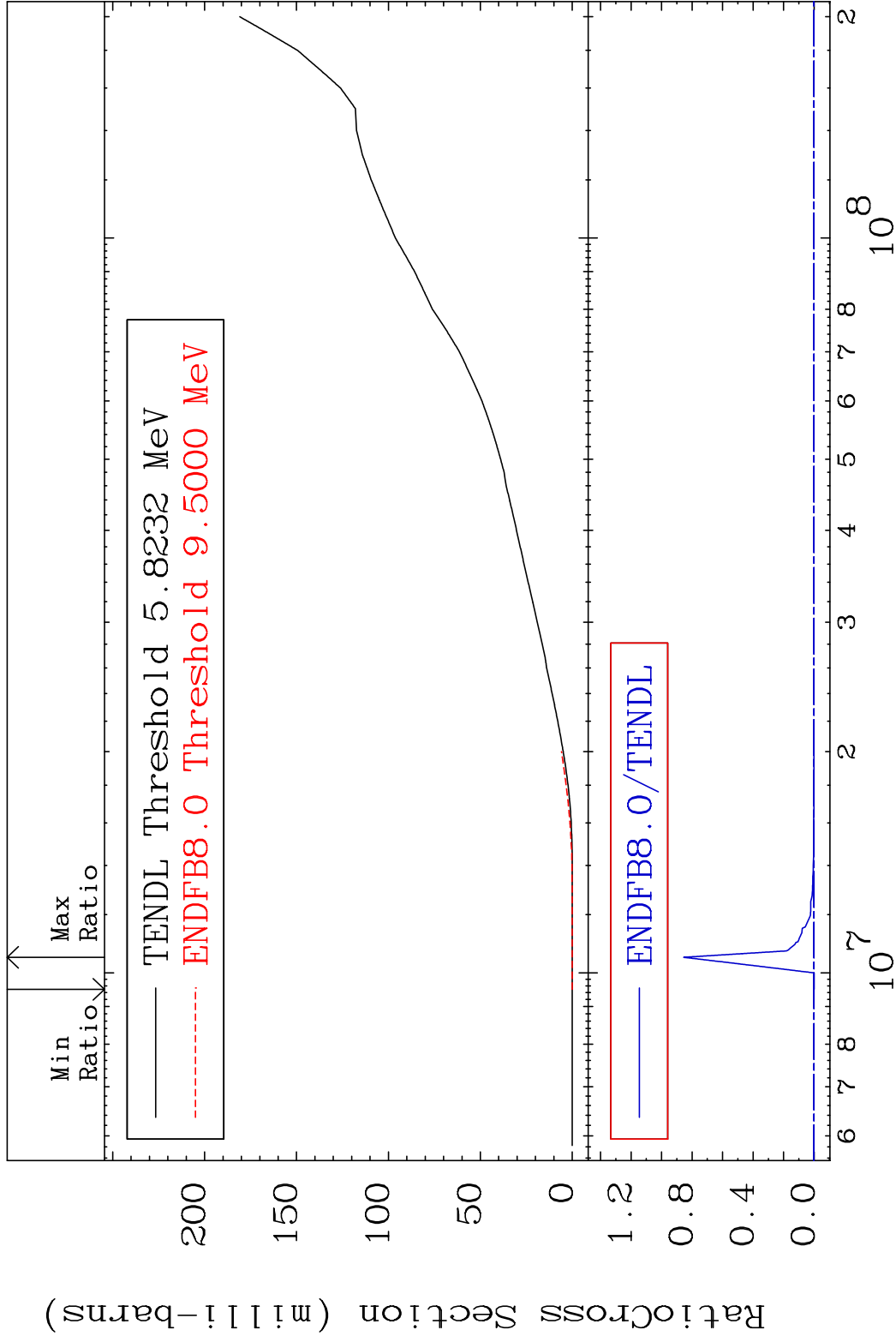


MAT 7246

Deuterium Production

72-Hf-181

Cross Section -100.0 To 9999. %



28

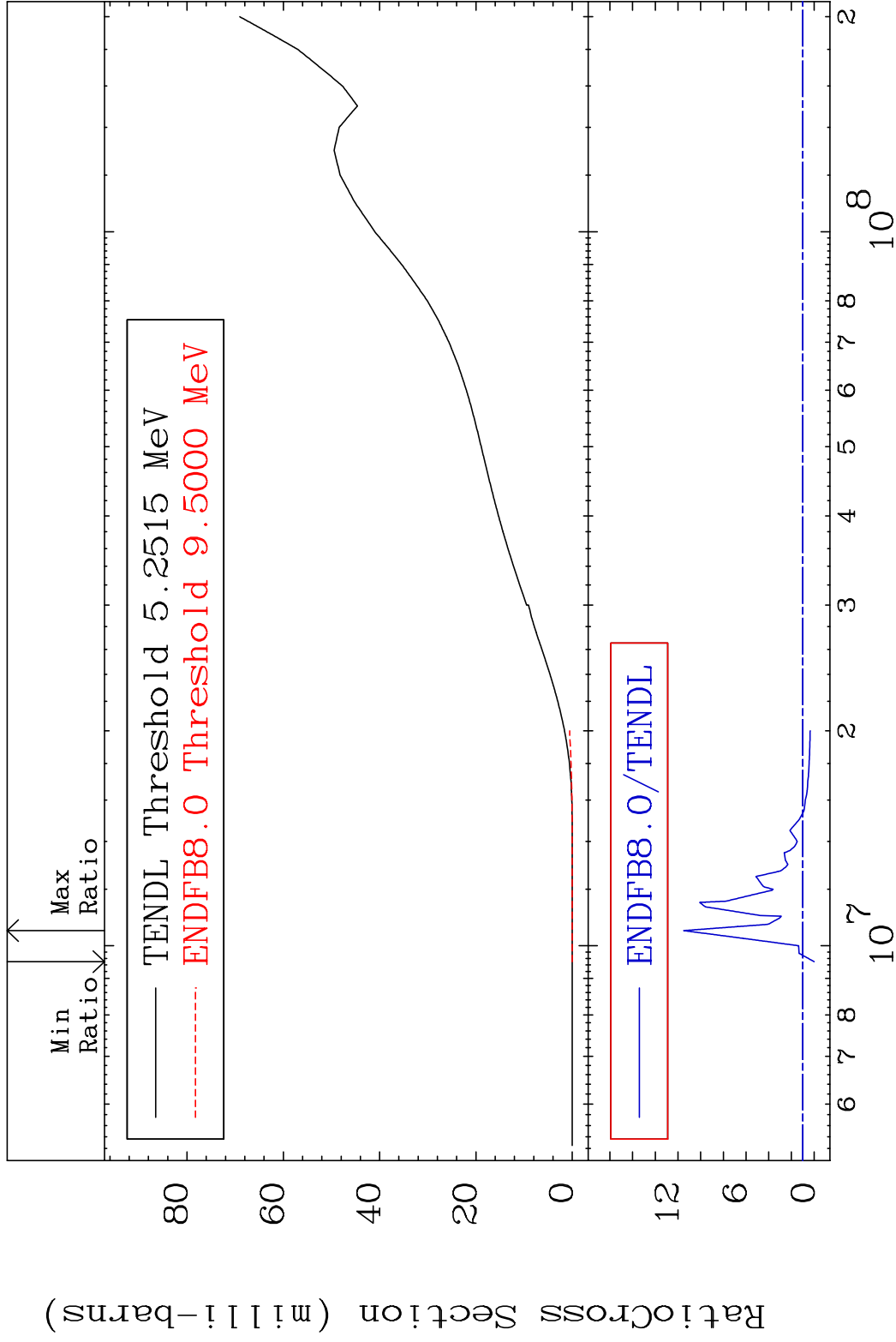
Incident Energy (eV)

72-Hf-181

MAT 7246

Tritium Production 72-Hf-181

Cross Section -100.0 To 1050. %



29

Incident Energy (eV)

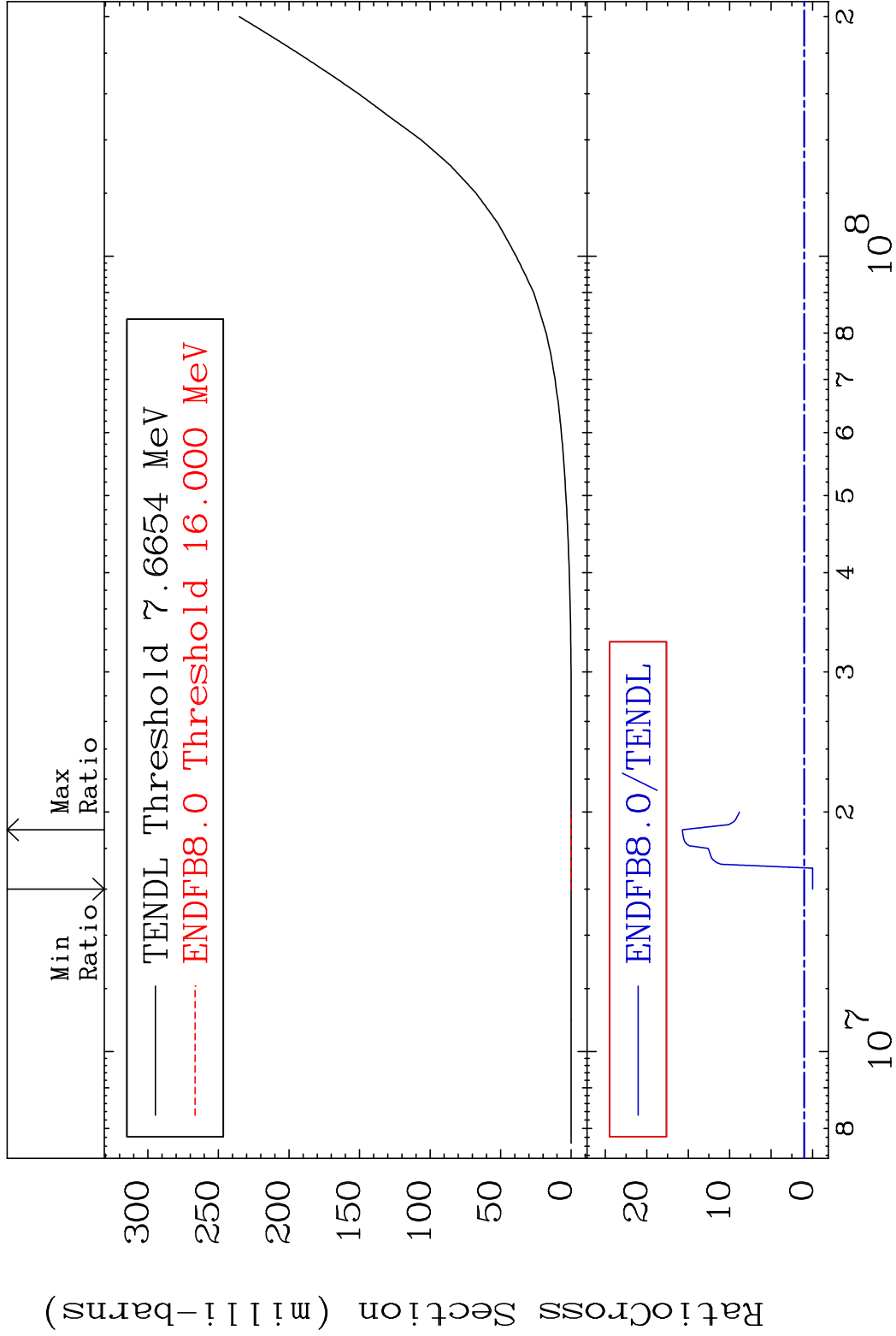
72-Hf-181

MAT 7246

He-3 Production

72-Hf-181

Cross Section -100.0 To 1471. %



30

Incident Energy (eV)

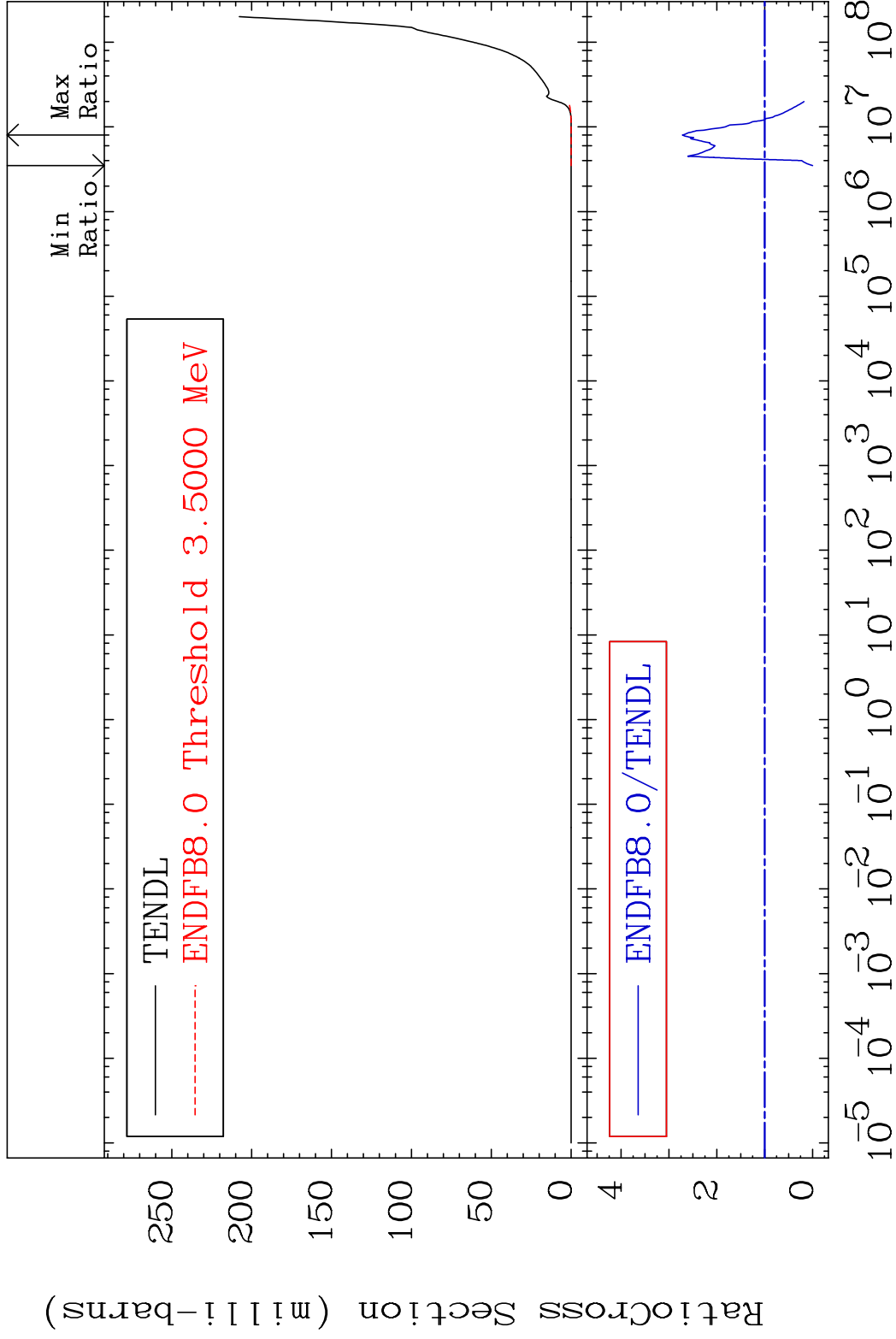
72-Hf-181

MAT 7246

He-4 Production

72-Hf-181

Cross Section -100.0 To 172.1 %

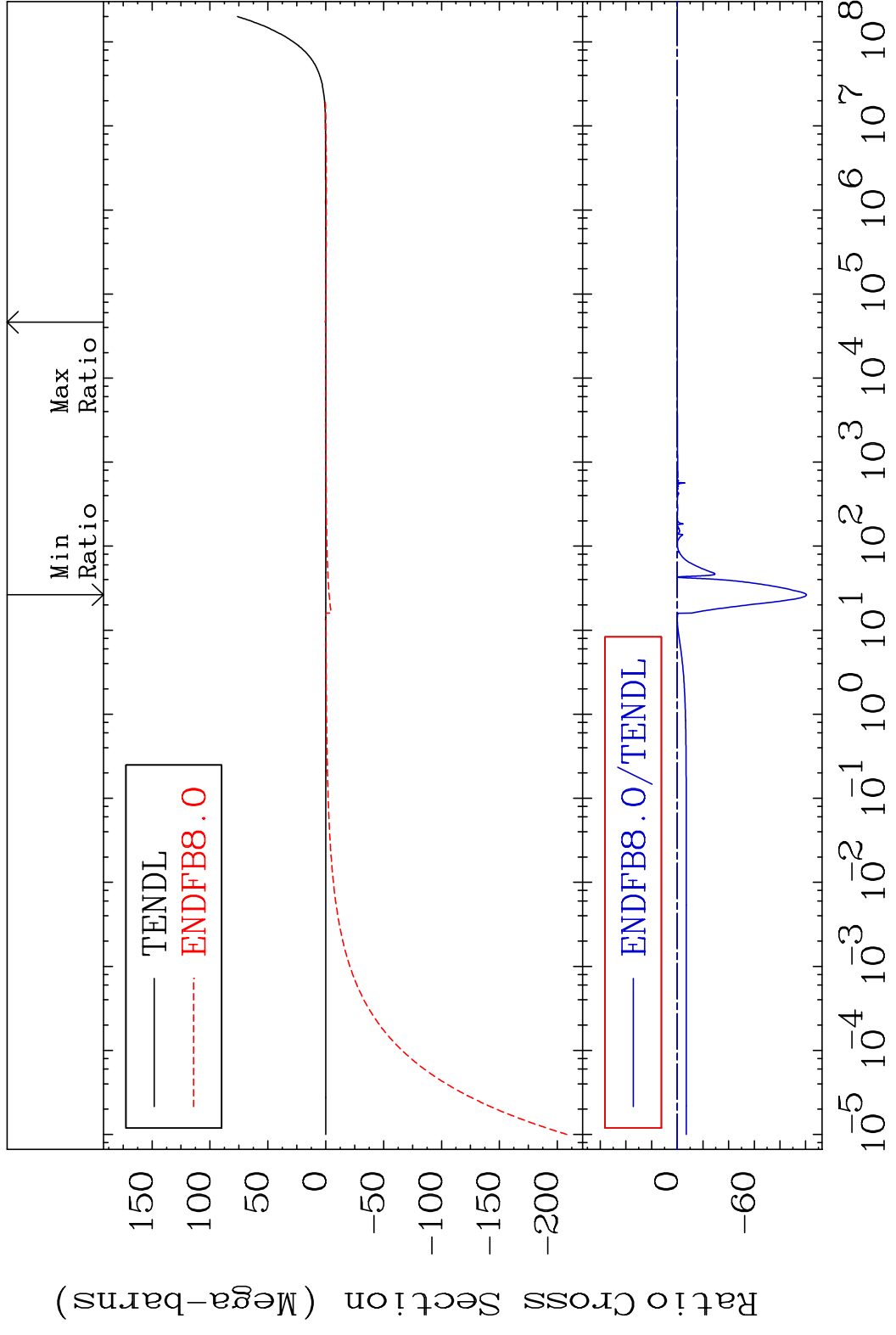


31

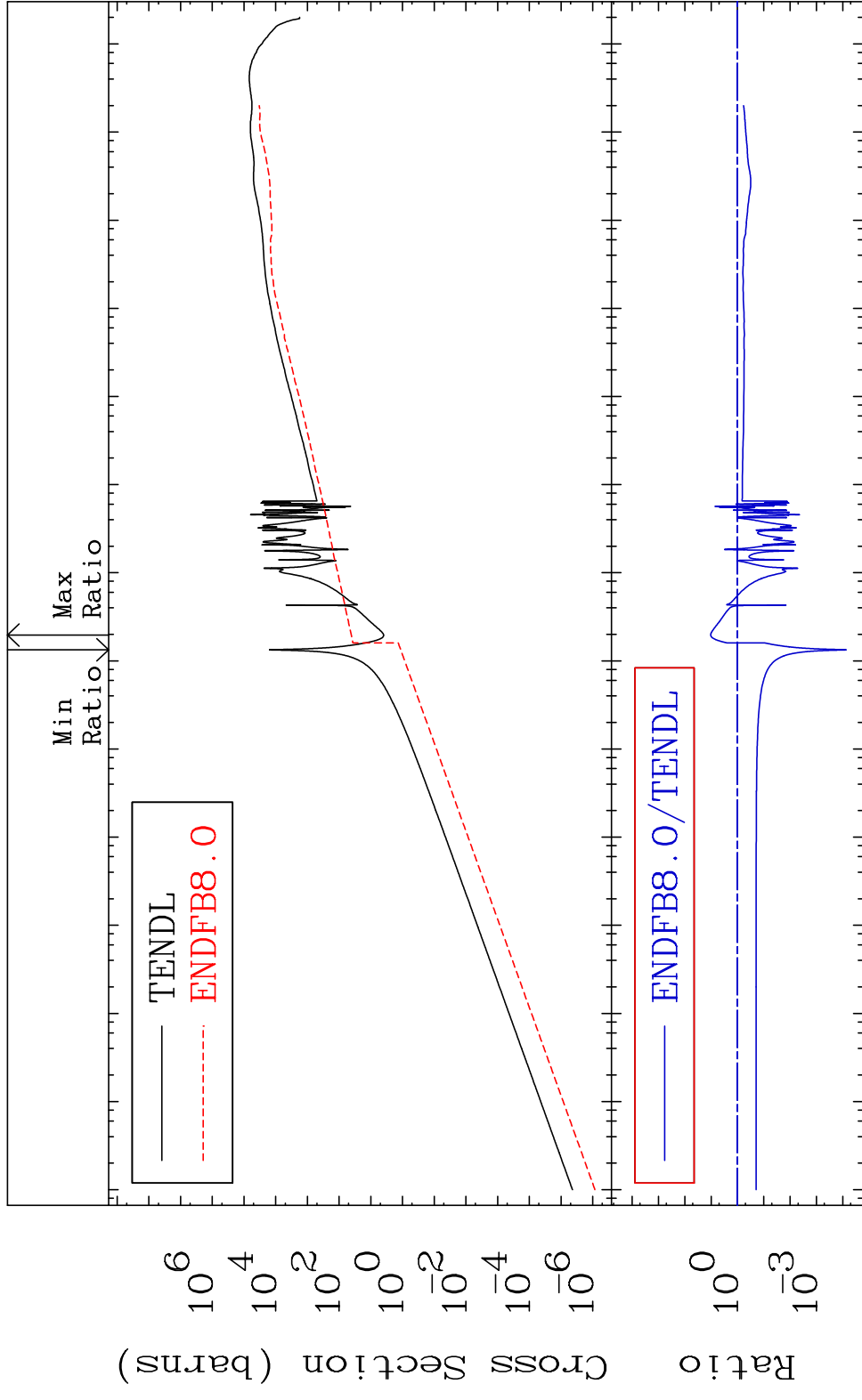
Incident Energy (eV)

72-Hf-181

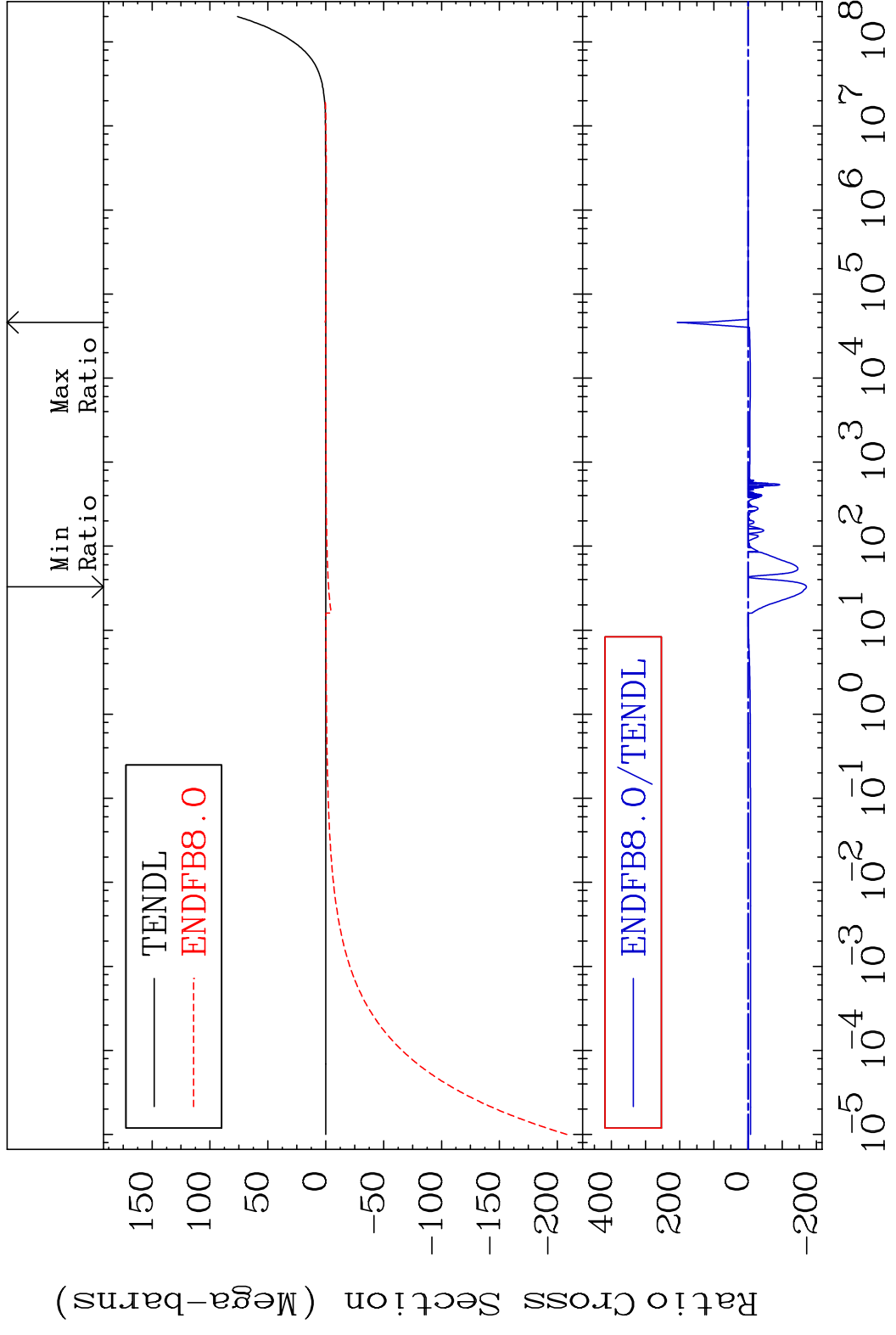
MAT 7246 Kerma total (eV-barns) 72-Hf-181
 Cross Section -9999. To 7109. %



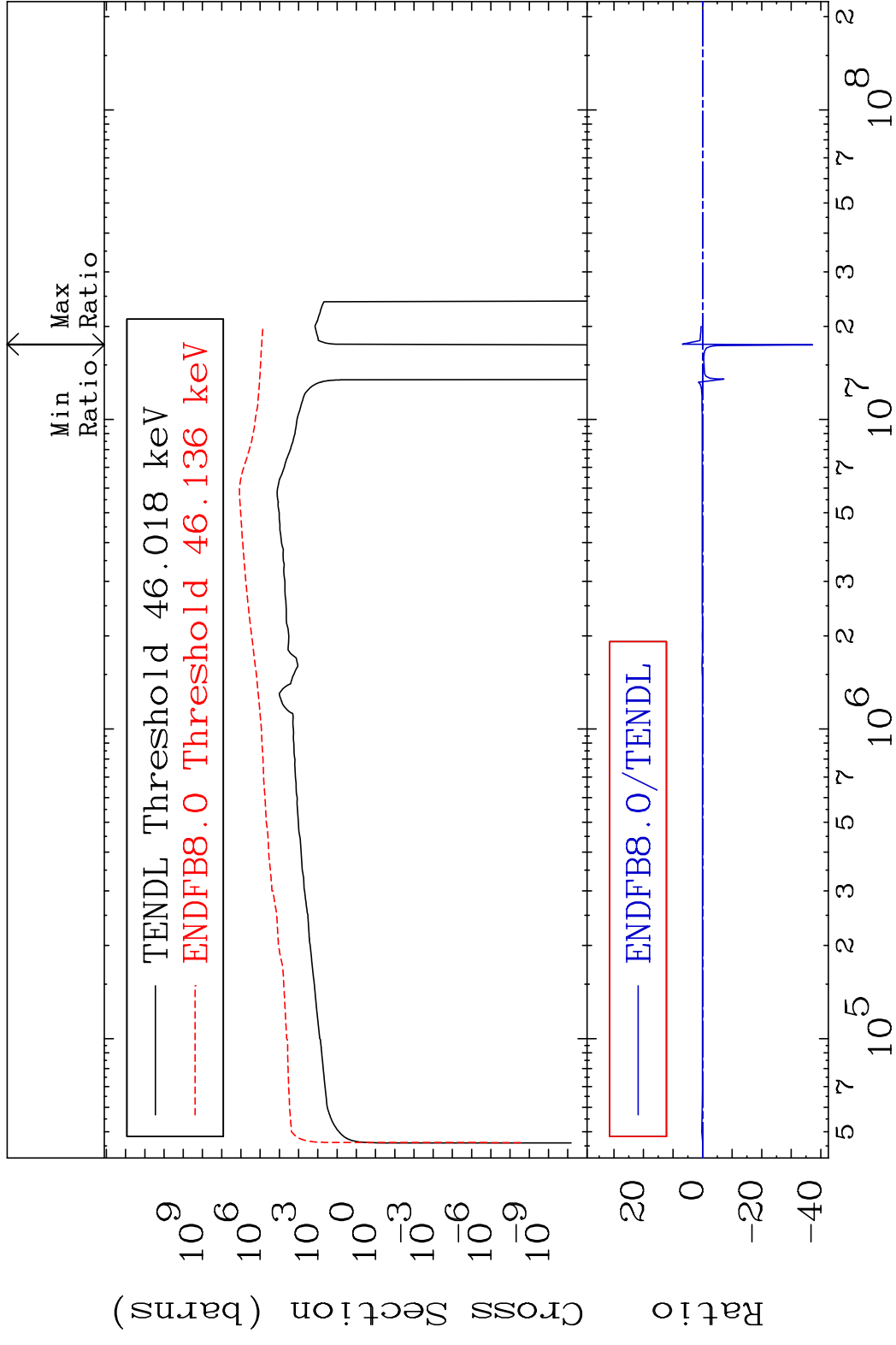
MAT 7246 Kerma elastic 72-Hf-181
 Cross Section -99.99 To 936.6 %



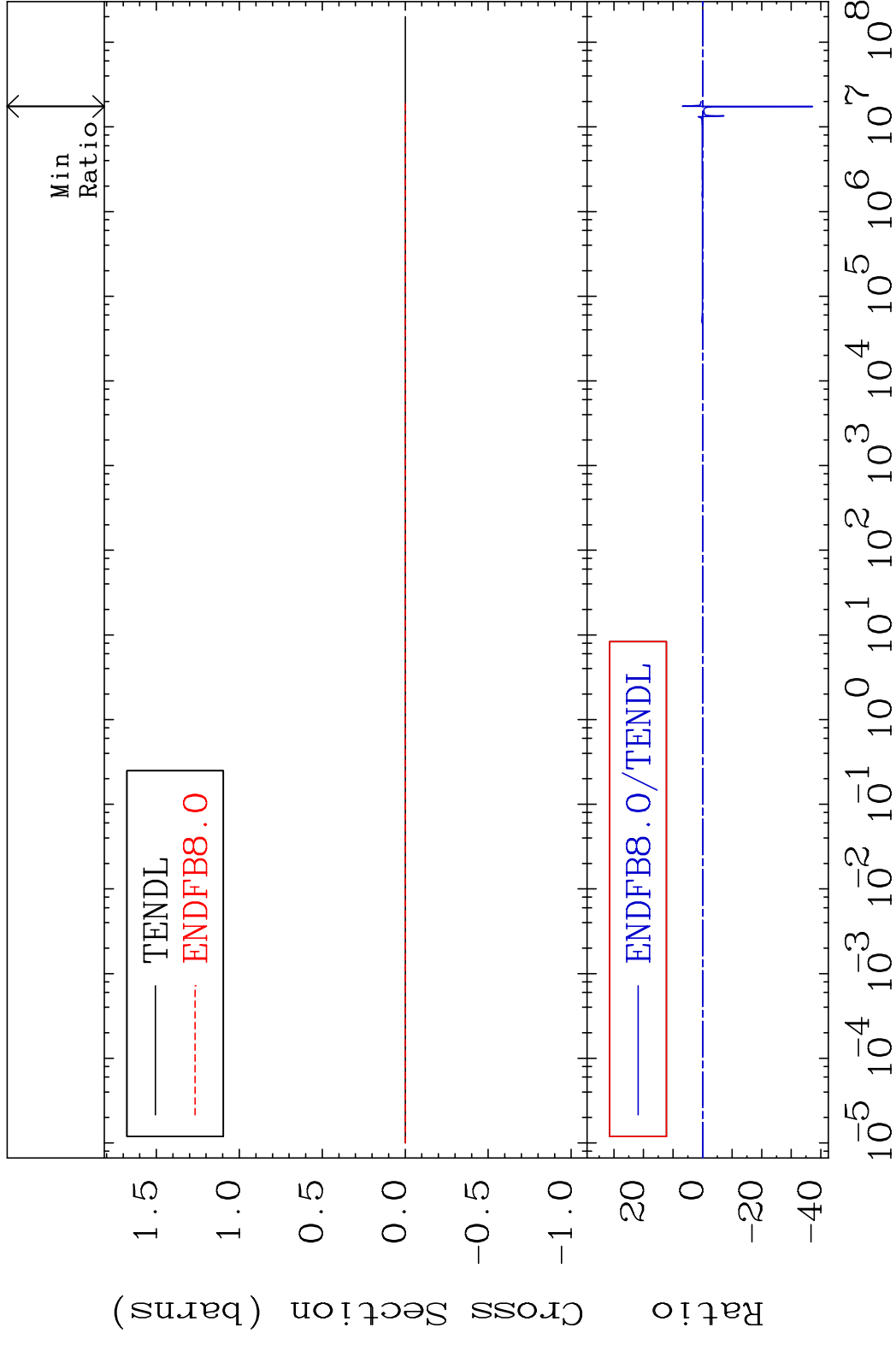
MAT 7246 Kerma non-elastic (all but mt2) 72-Hf-181
 Cross Section -9999. To 9999. %



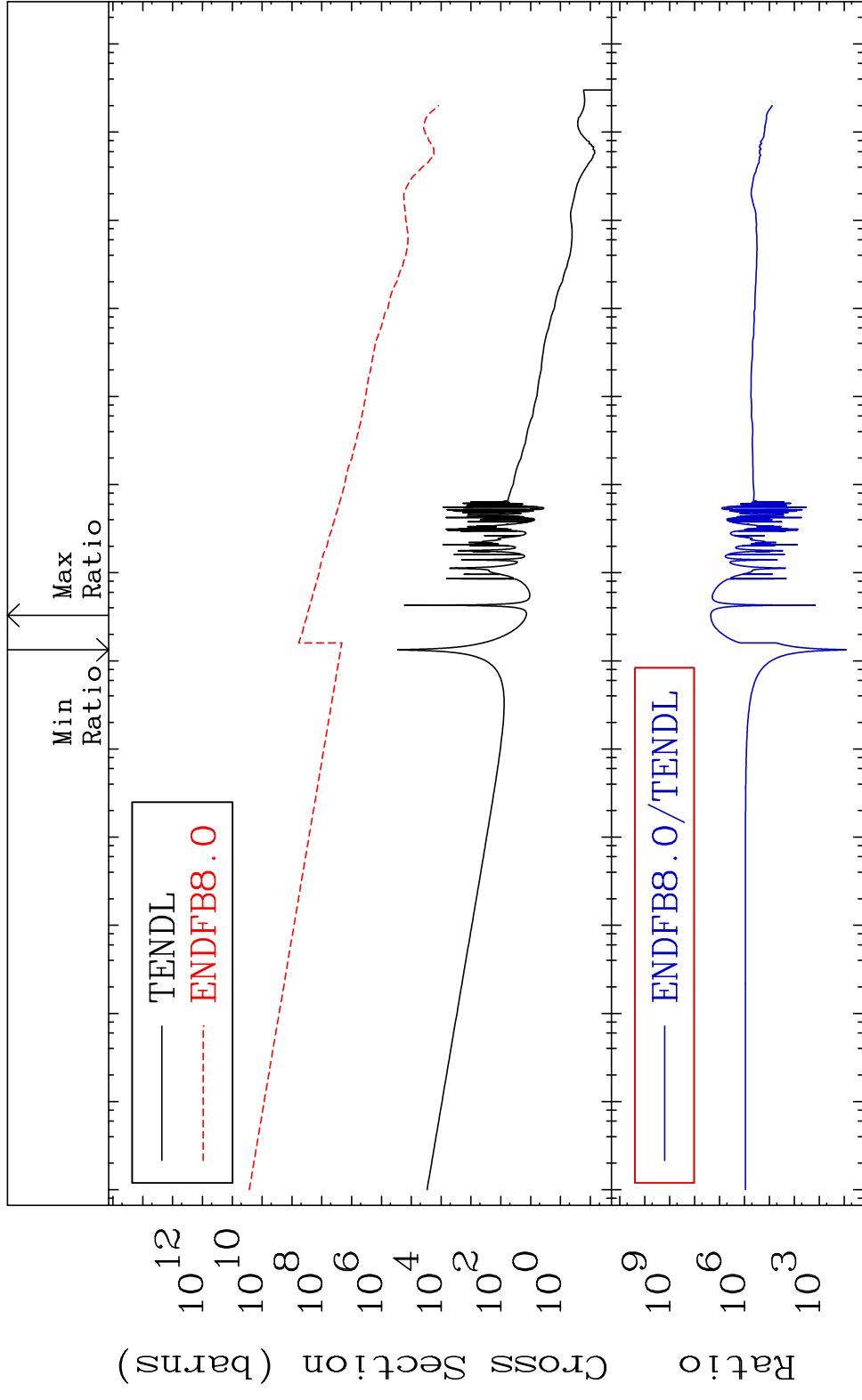
MAT 7246 Kerma inelastic (mt51-91) 72-Hf-181
 Cross Section -9999. To 9999. %



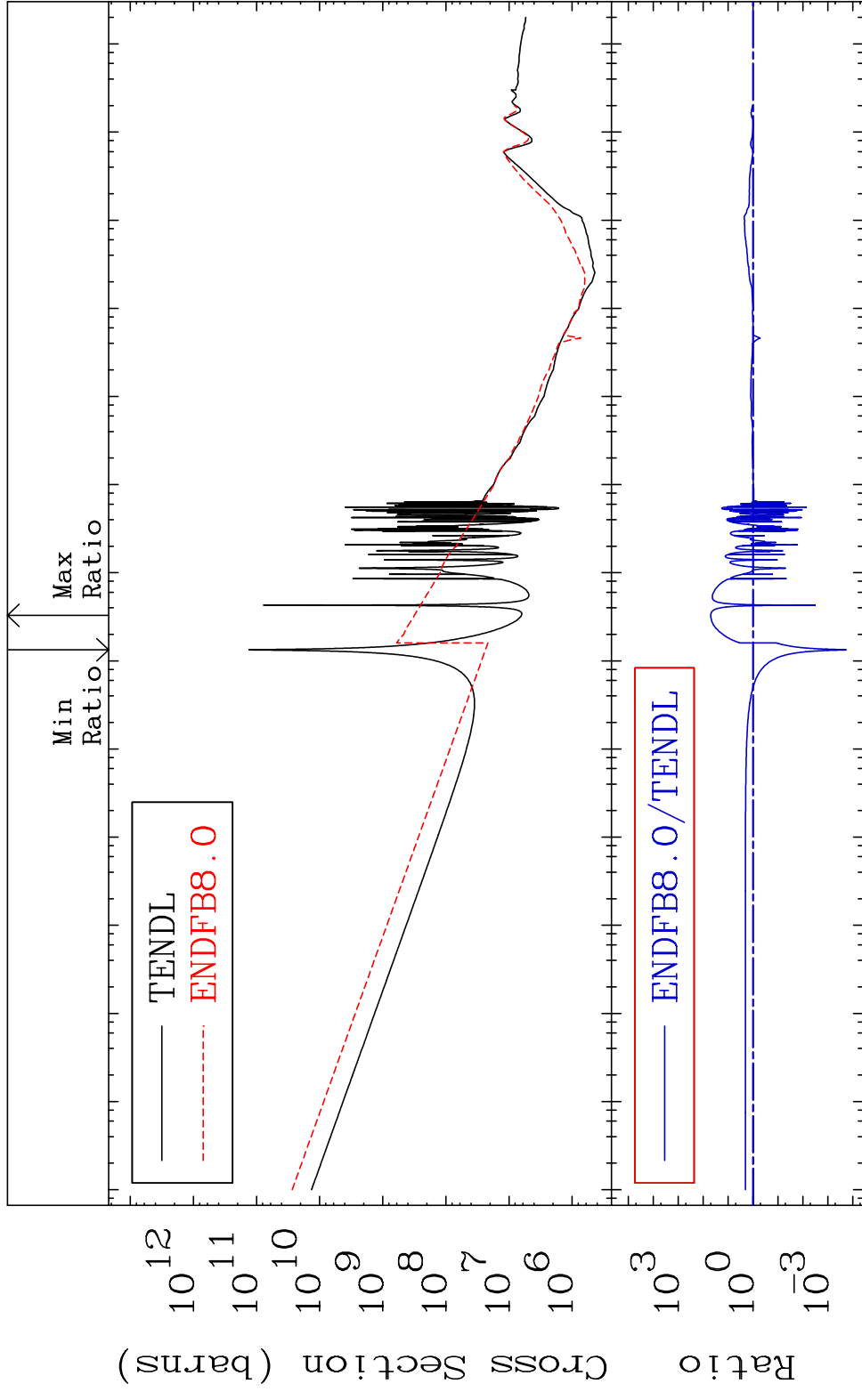
MAT 7246 Kerma fission (mt18 or mt19-20-21-38) 72-Hf-181
 Cross Section -9999. To 9999. %



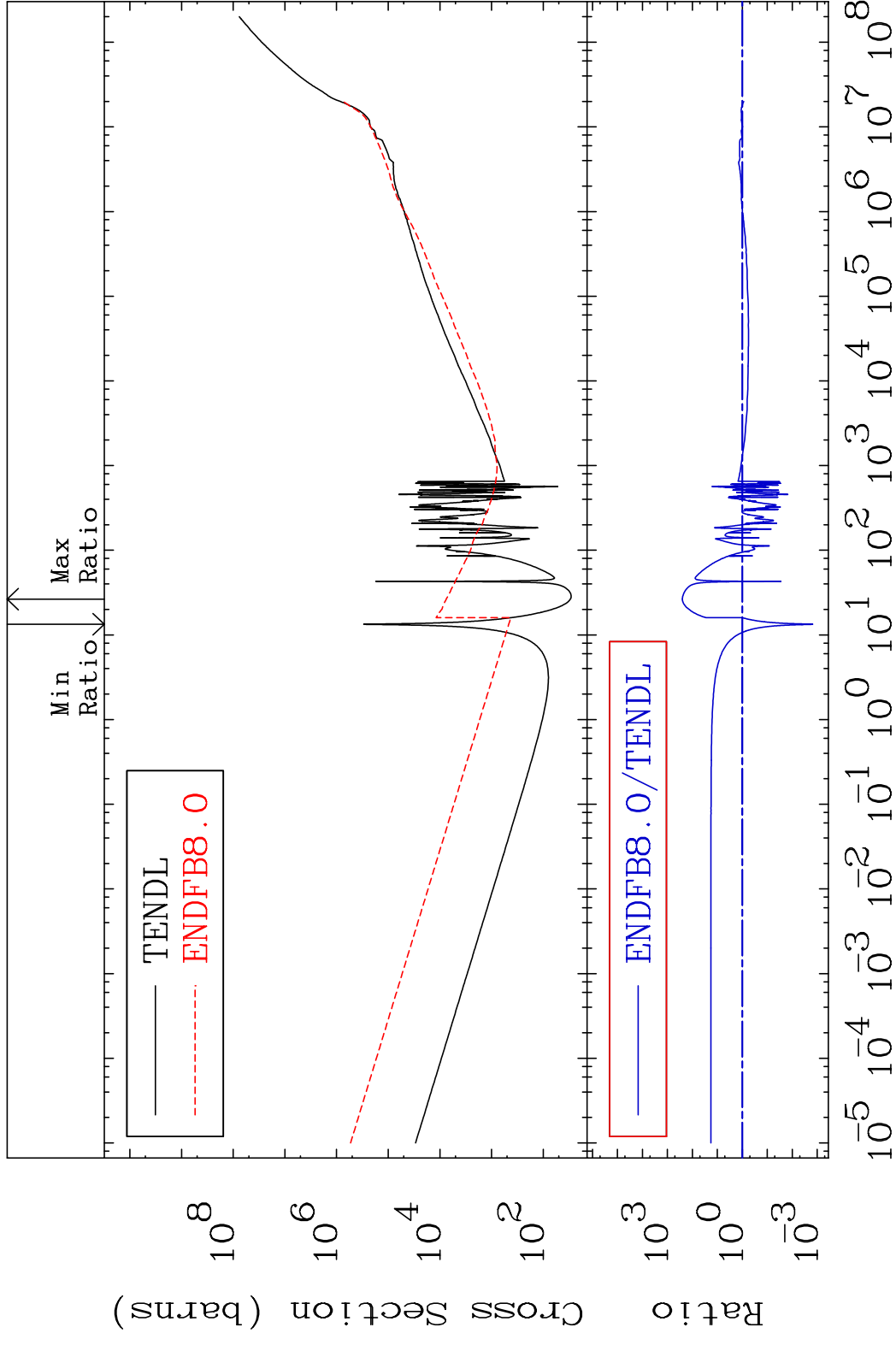
MAT 7246 Kerma capture (mt102) 72-Hf-181
 Cross Section 8063. To 9999. %



MAT 7246 Total photon (eV-barns) 72-Hf-181
 Cross Section -99.98 To 4864. %



MAT 7246 Total kinematic kerma (high limit) 72-Hf-181
 Cross Section -99.85 To 9999. %

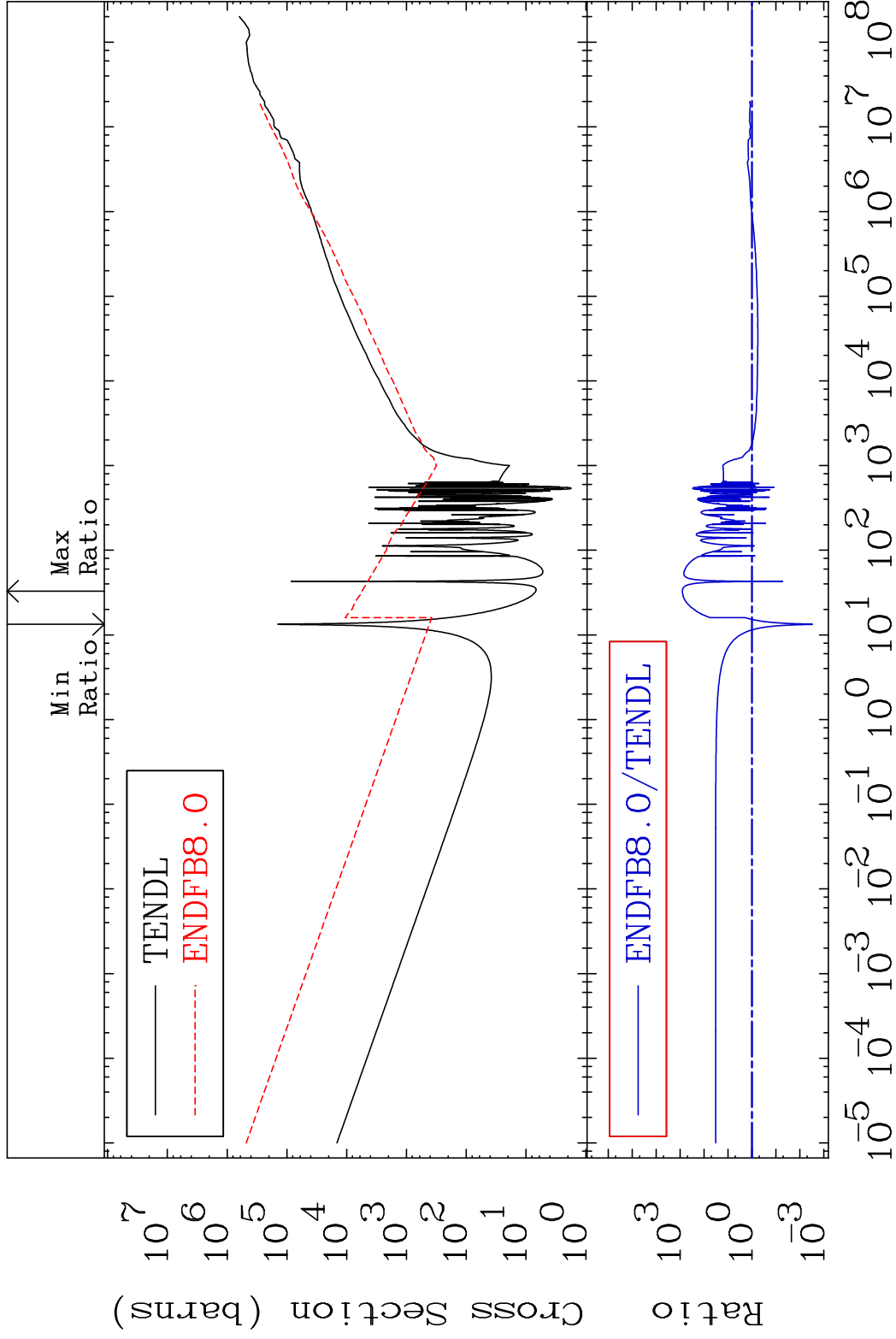


MAT 7246

Dpa total (eV-barns)

72-Hf-181

Cross Section -99.71 To 9999. %



40

Incident Energy (eV)

72-Hf-181

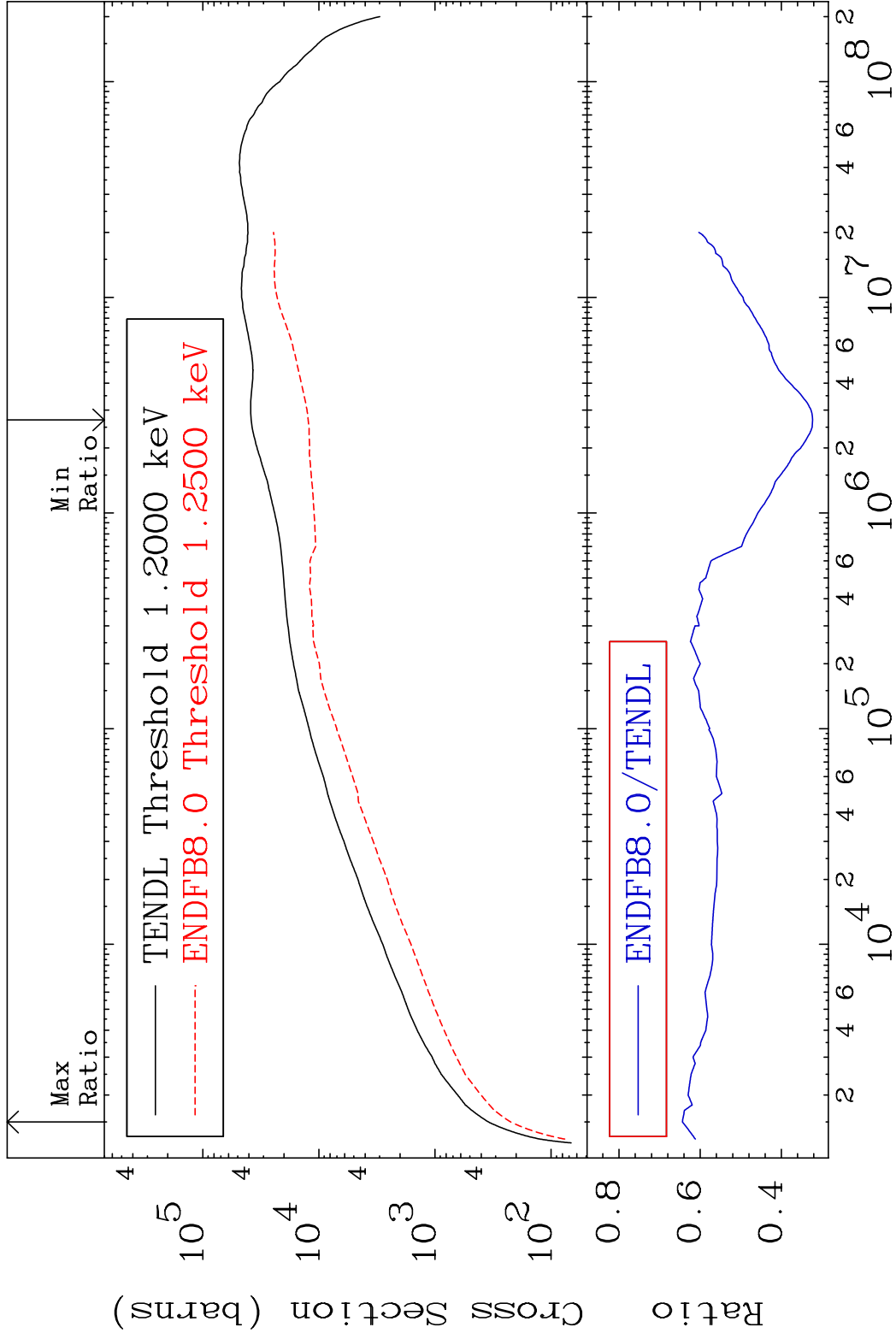
MAT 7246

Dpa elastic (mt2)

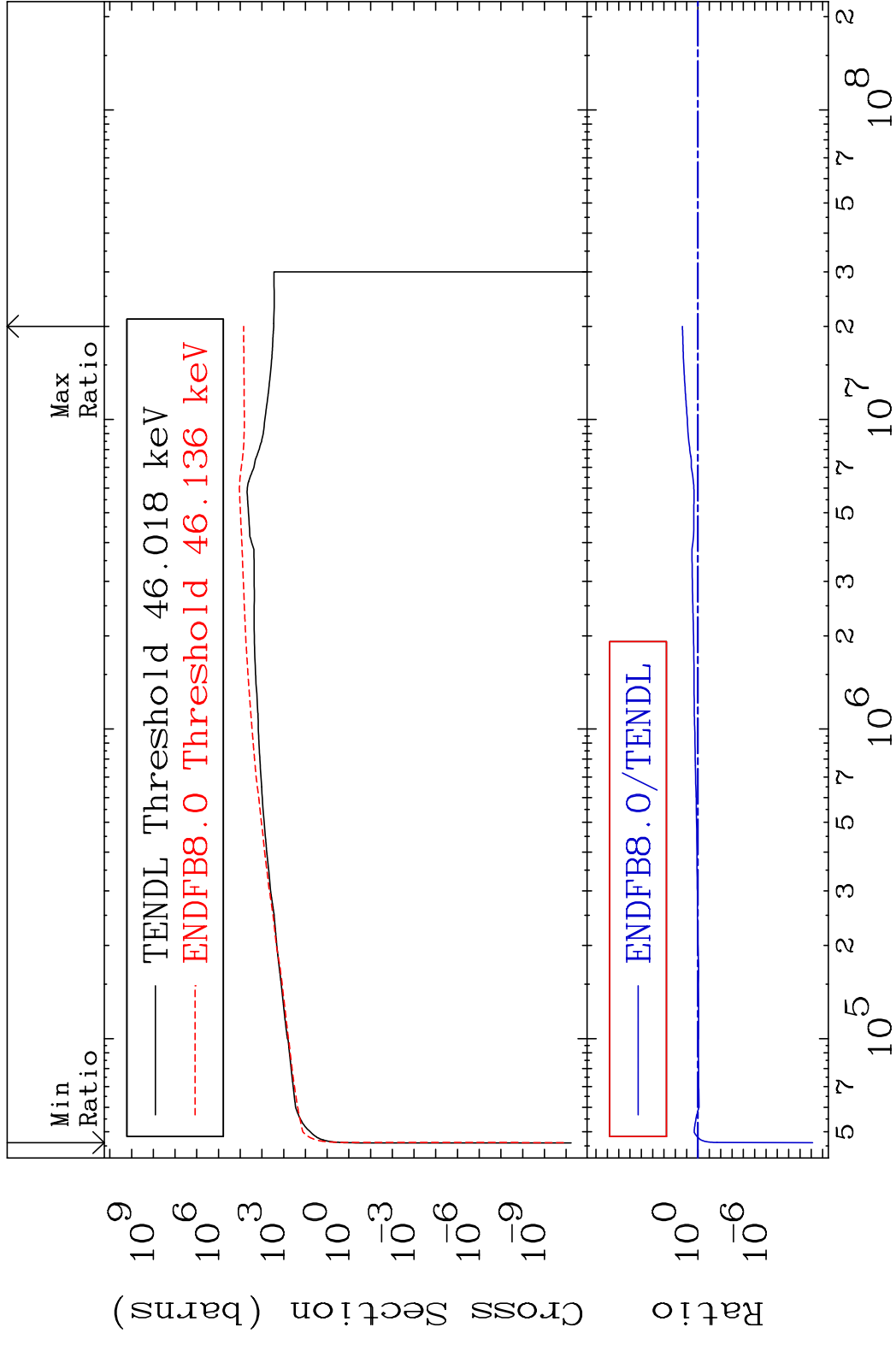
72-Hf-181

Cross Section

-67.68 To -35.60%



MAT 7246 Dpa inelastic (mt51-91) 72-Hf-181
 Cross Section -100.0 To 2304. %



MAT 7246 Dpa disappearance (mt102 -120) 72-Hf-181
 Cross Section -99.71 To 9999. %

