

Program Complot
(Version 2021-1)

by

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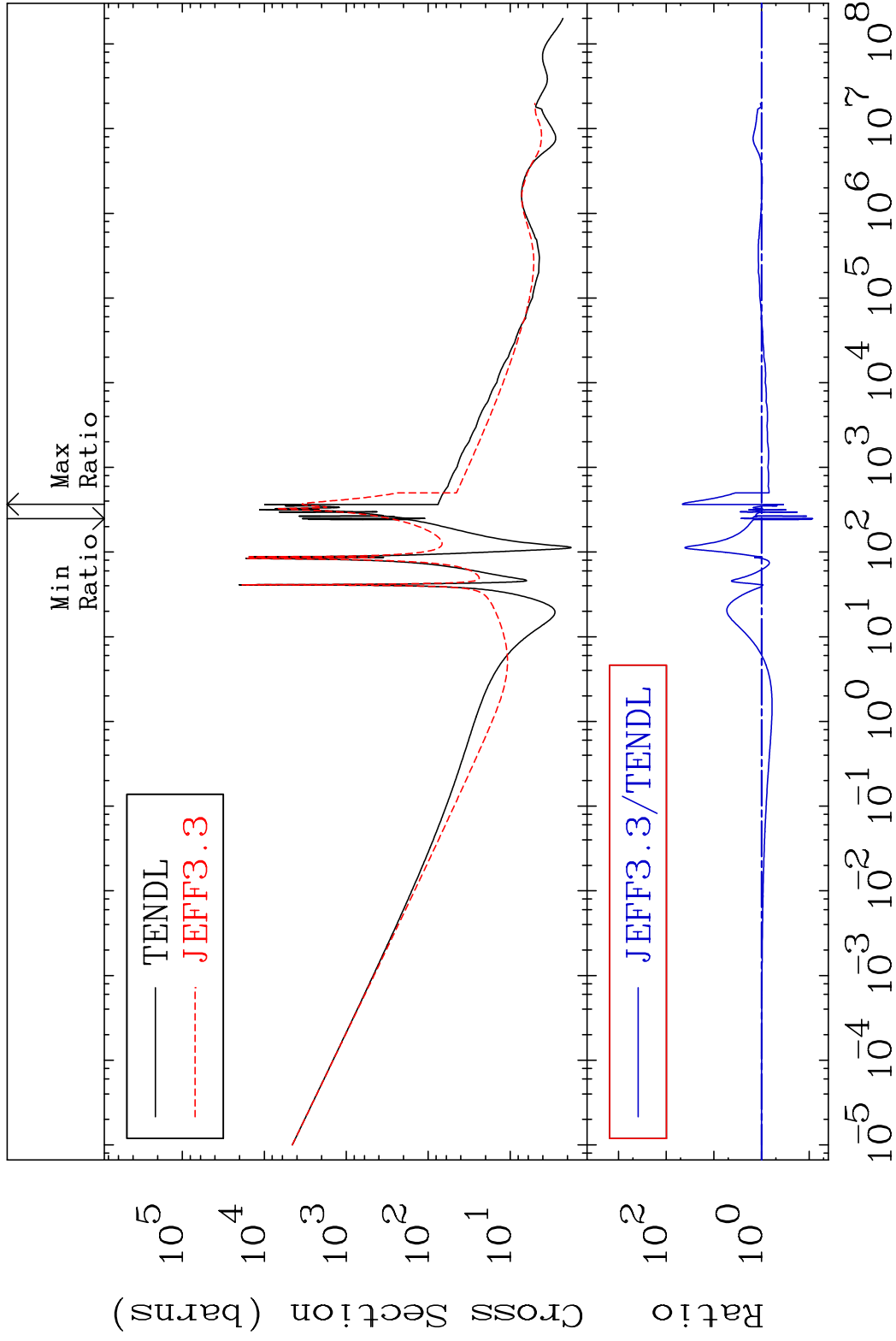
Press Mouse Button to Start

MAT 5931

Total

59-Pr-143

Cross Section -91.50 To 4484. %



1

Incident Energy (eV)

59-Pr-143

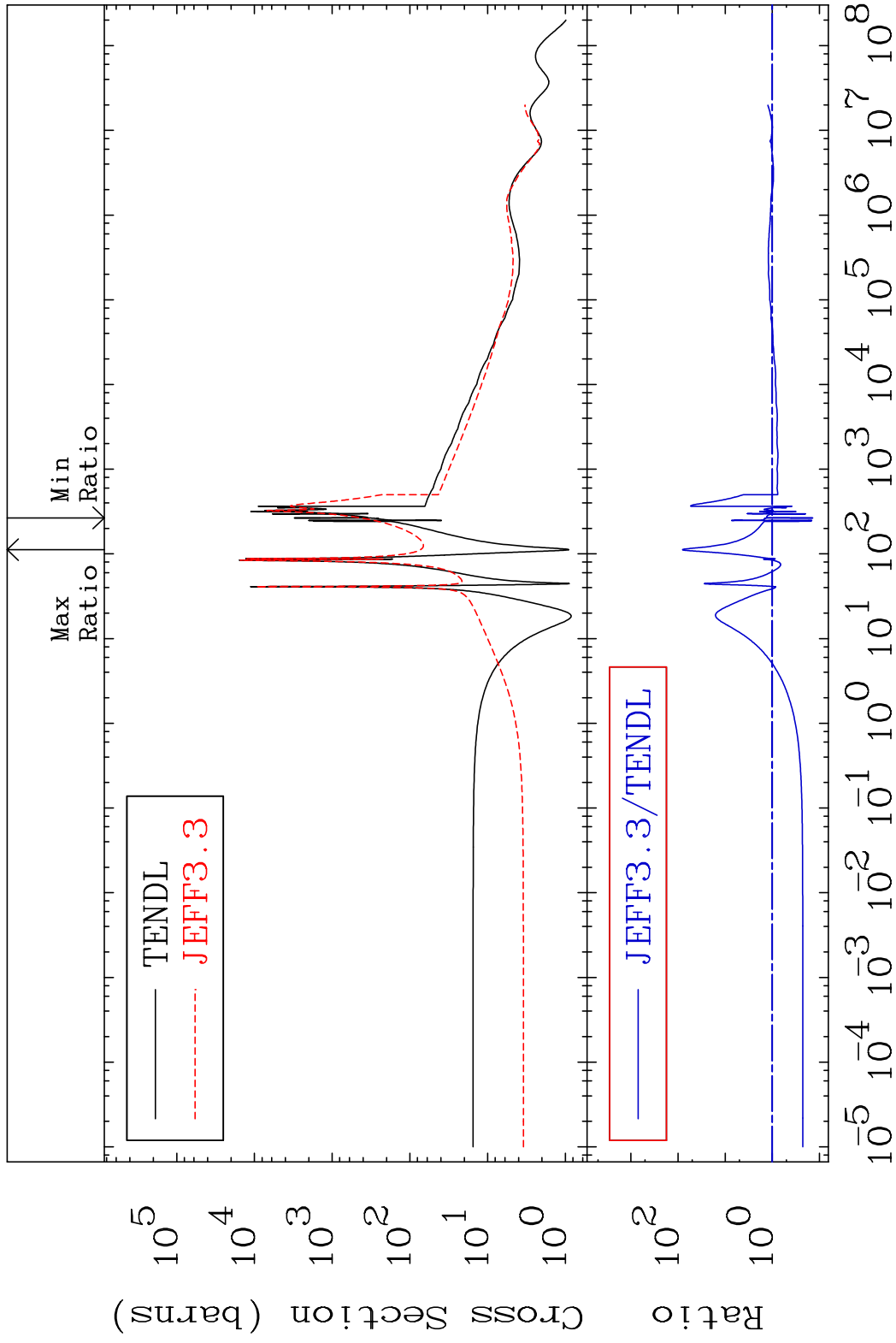
MAT 5931

Elastic

59-Pr-143

Cross Section

-86.01 To 7991. %



2

Incident Energy (eV)

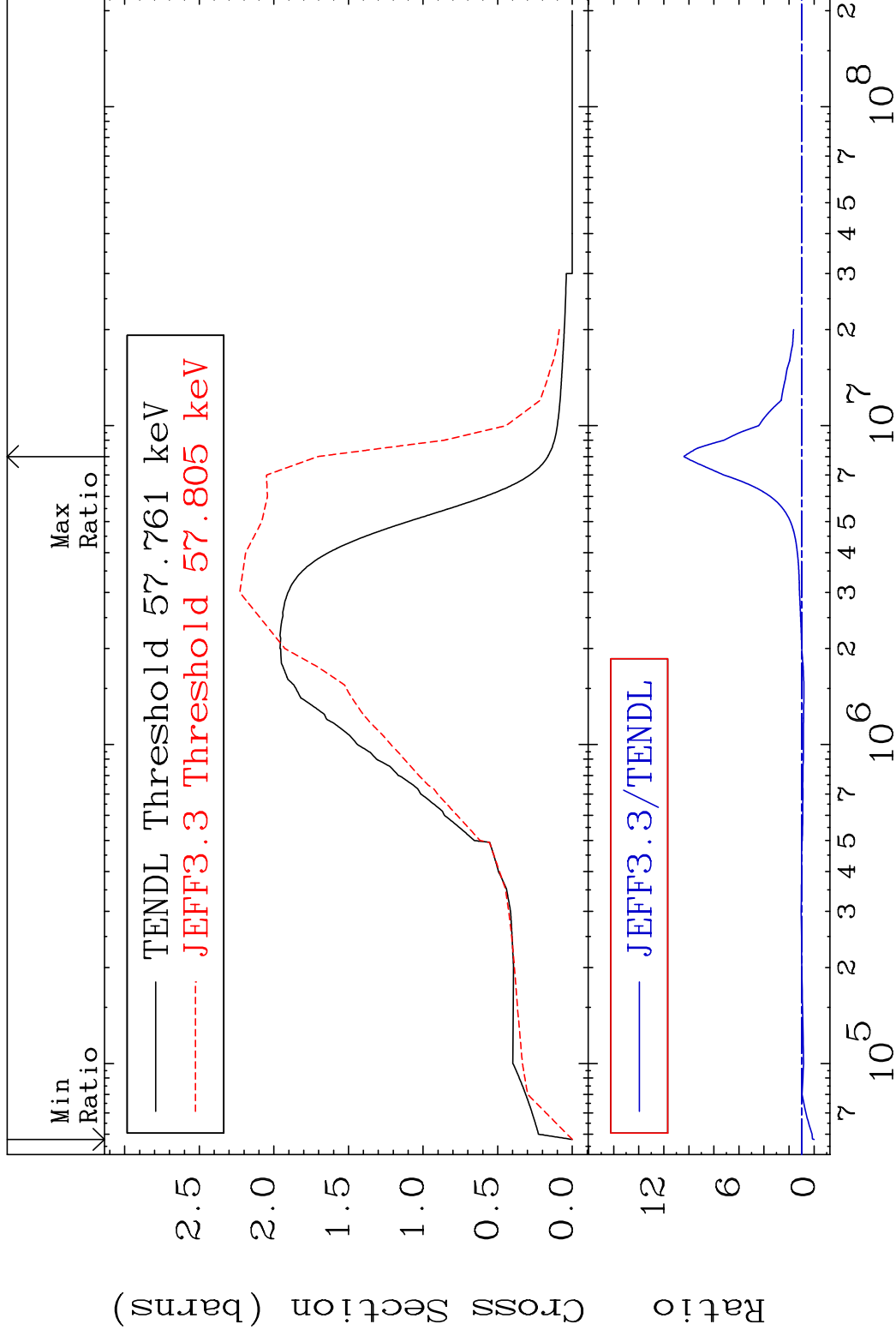
59-Pr-143

MAT 5931

Inelastic

59-Pr-143

Cross Section -100.0 To 941.3 %



3

Incident Energy (eV)

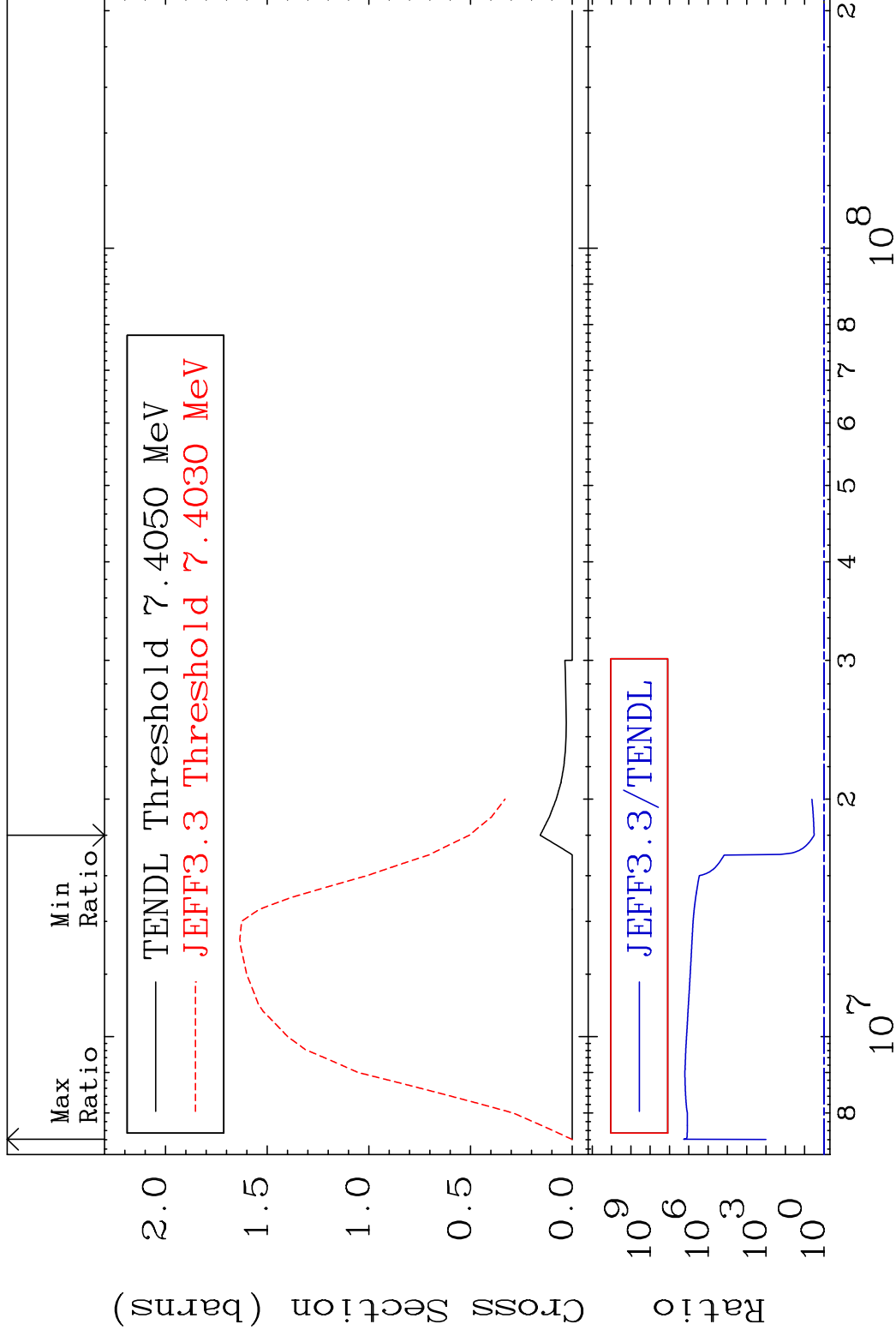
59-Pr-143

MAT 5931

(n,2n)

59-Pr-143

Cross Section 221.6 To 9999. %



4

Incident Energy (eV)

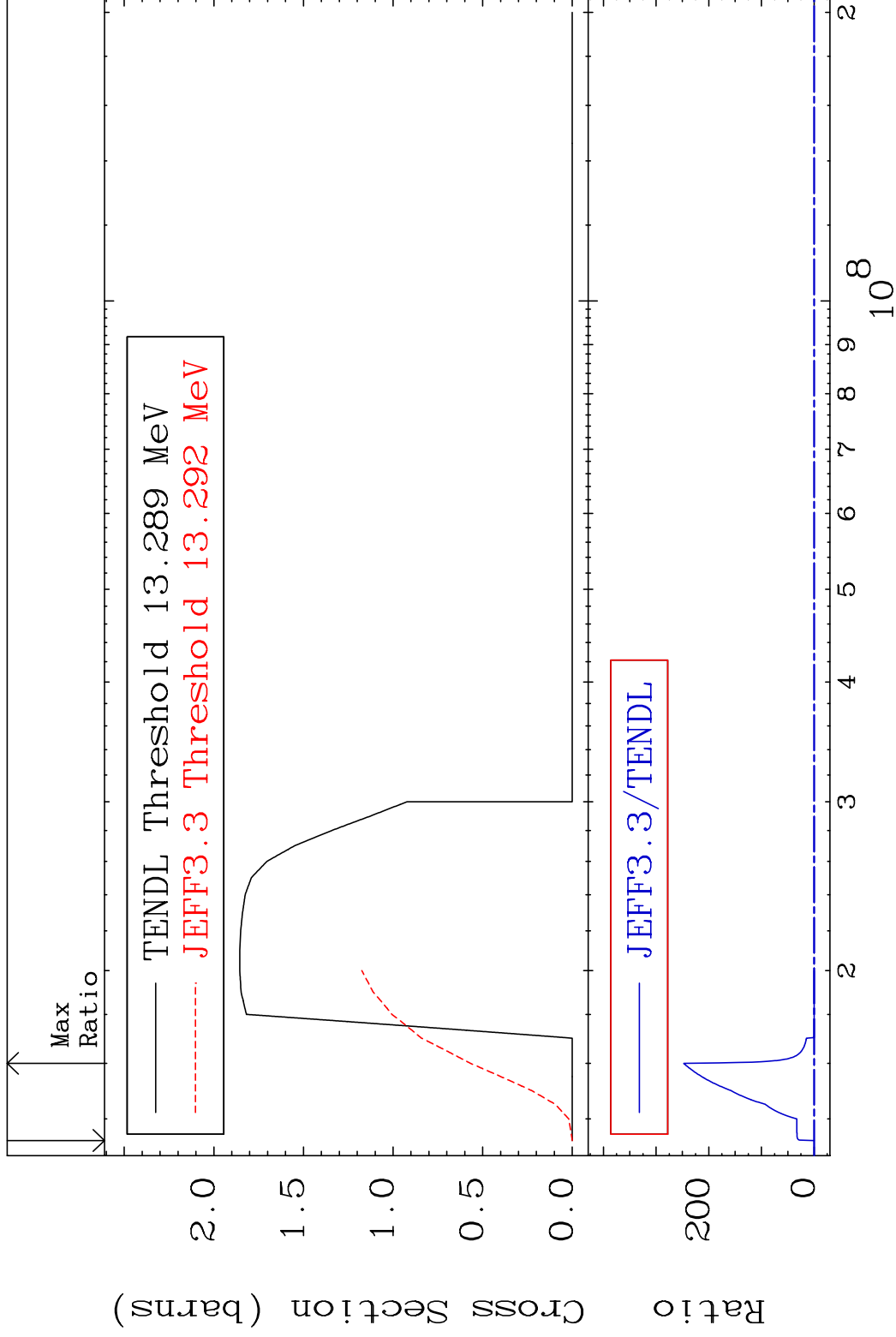
59-Pr-143

MAT 5931

(n,3n)

59-Pr-143

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

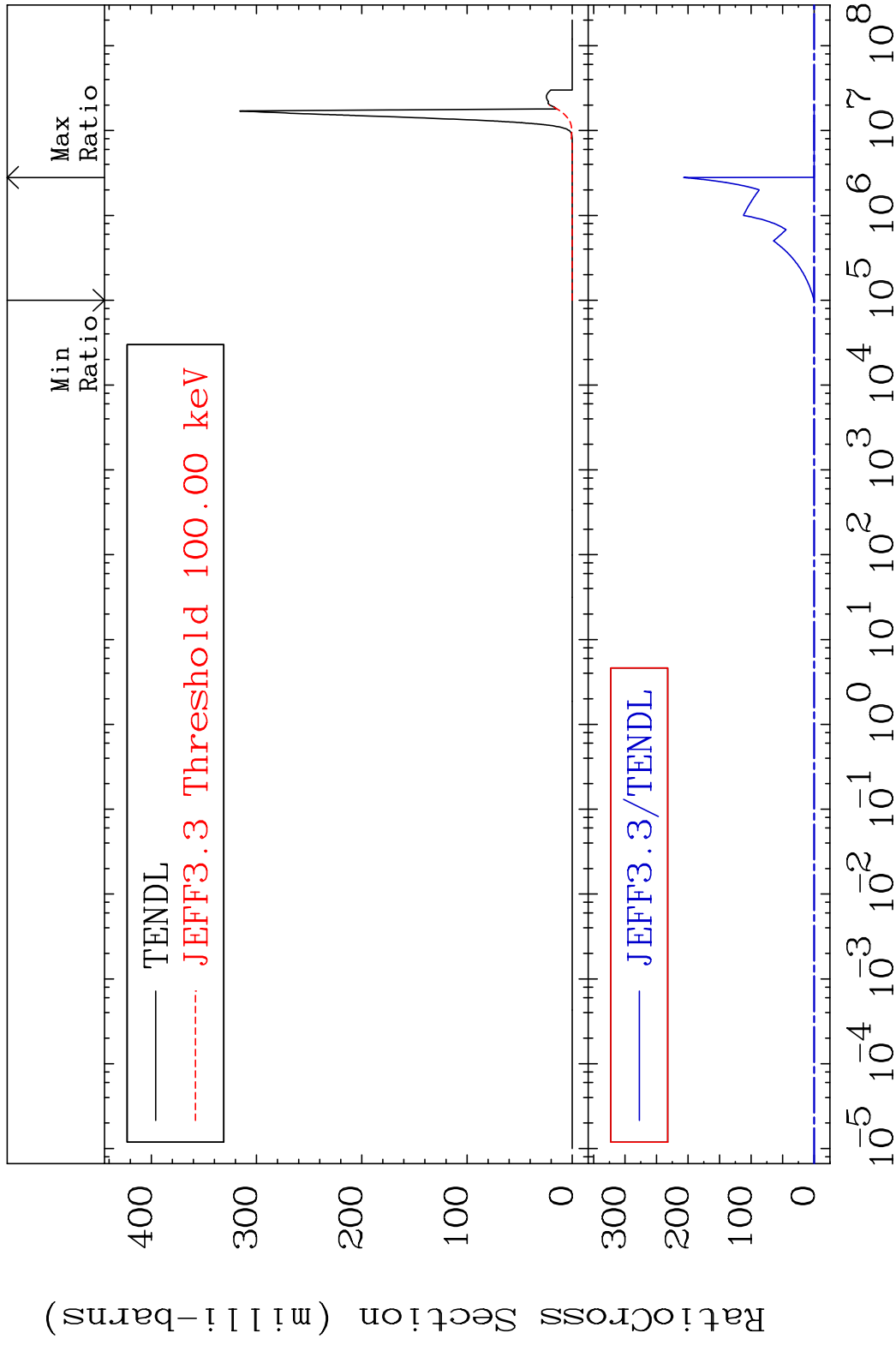
59-Pr-143

MAT 5931

(n, n') α

59-Pr-143

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

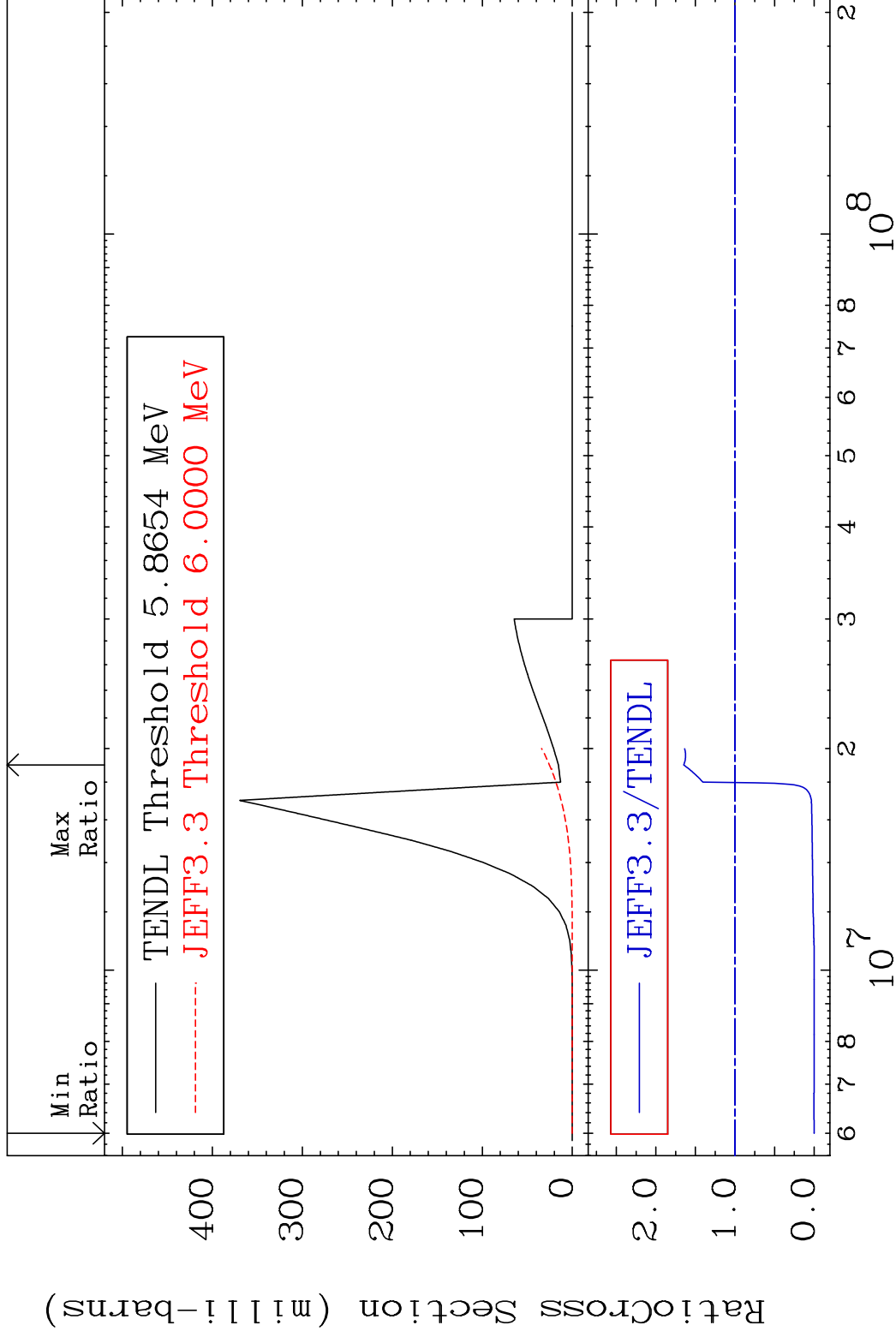
59-Pr-143

MAT 5931

(n, n') p

59-Pr-143

Cross Section -100.0 To 64.86 %



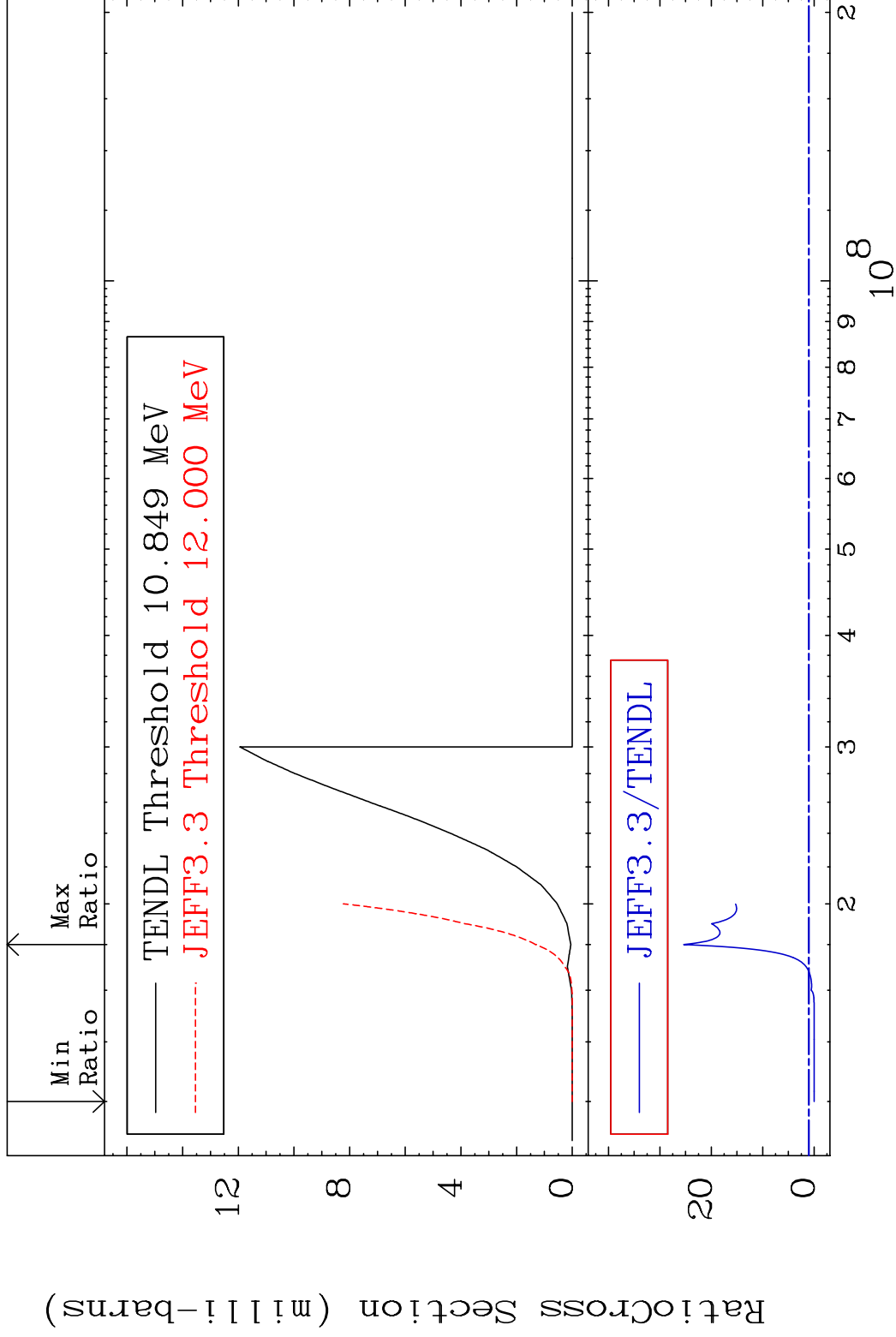
7 Incident Energy (eV) 59-Pr-143

MAT 5931

(n, n') d

59-Pr-143

Cross Section -100.0 To 2438. %



8

Incident Energy (eV)

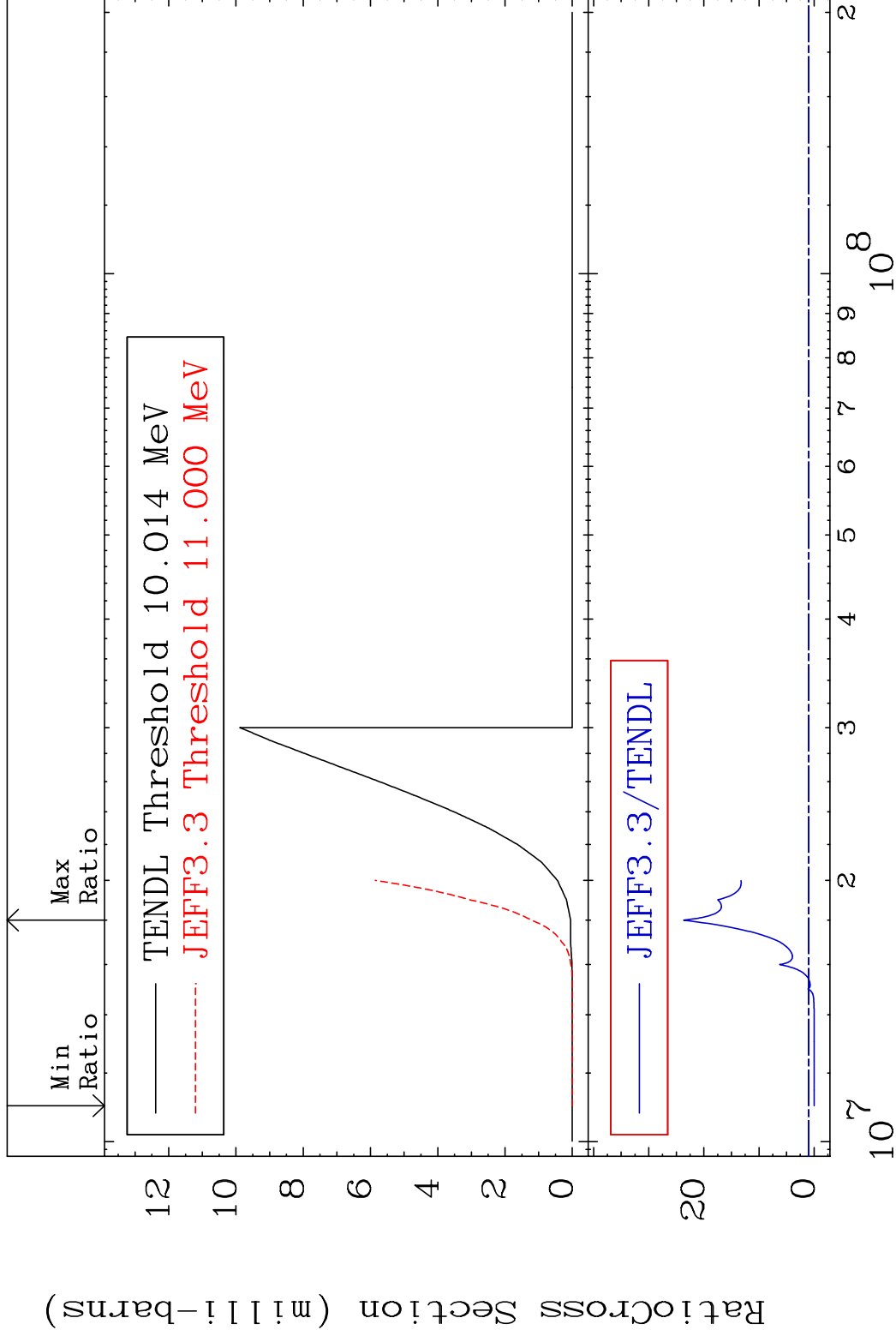
59-Pr-143

MAT 5931

(n, n') t

59-Pr-143

Cross Section -100.0 To 2267. %



9

Incident Energy (eV)

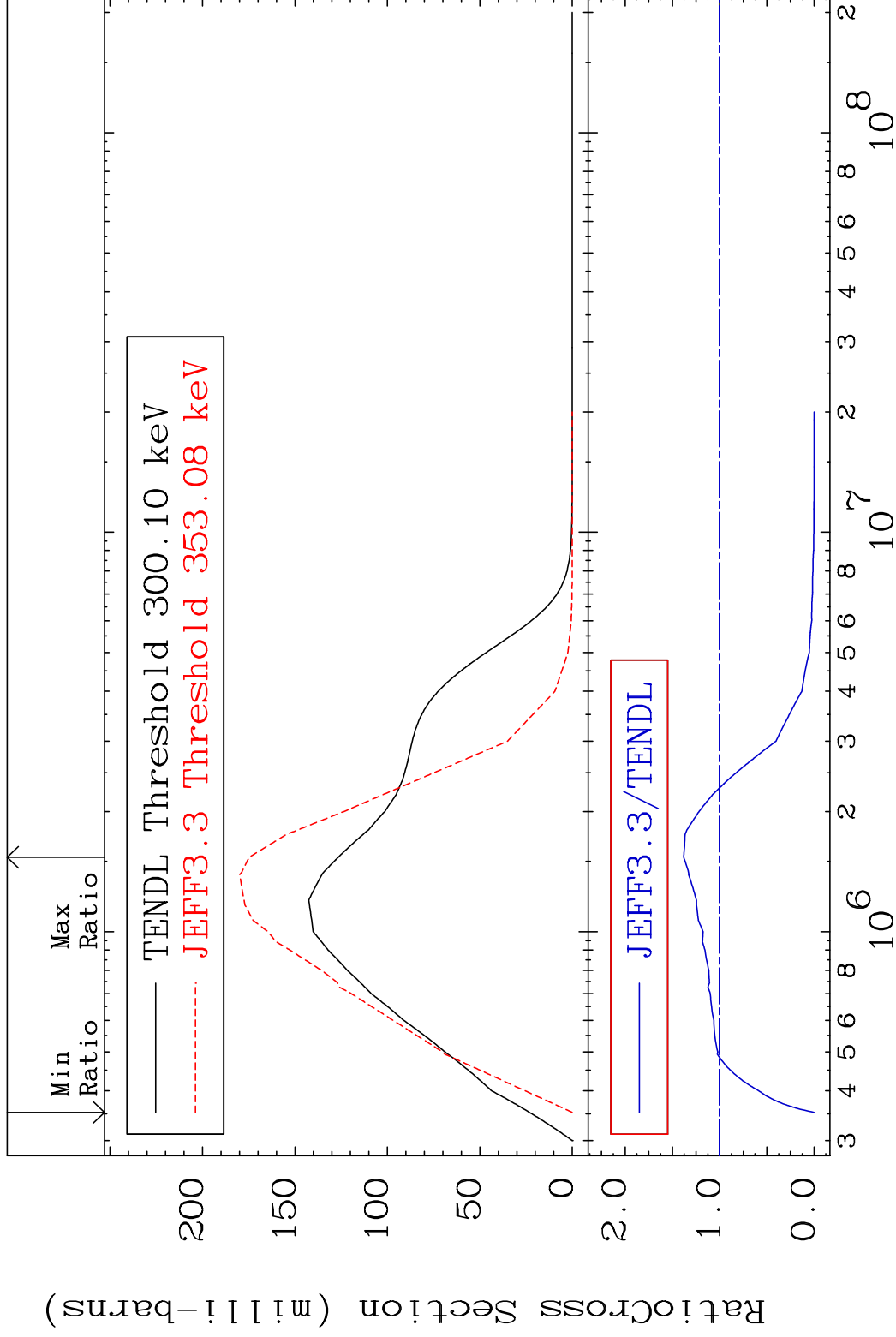
59-Pr-143

MAT 5931

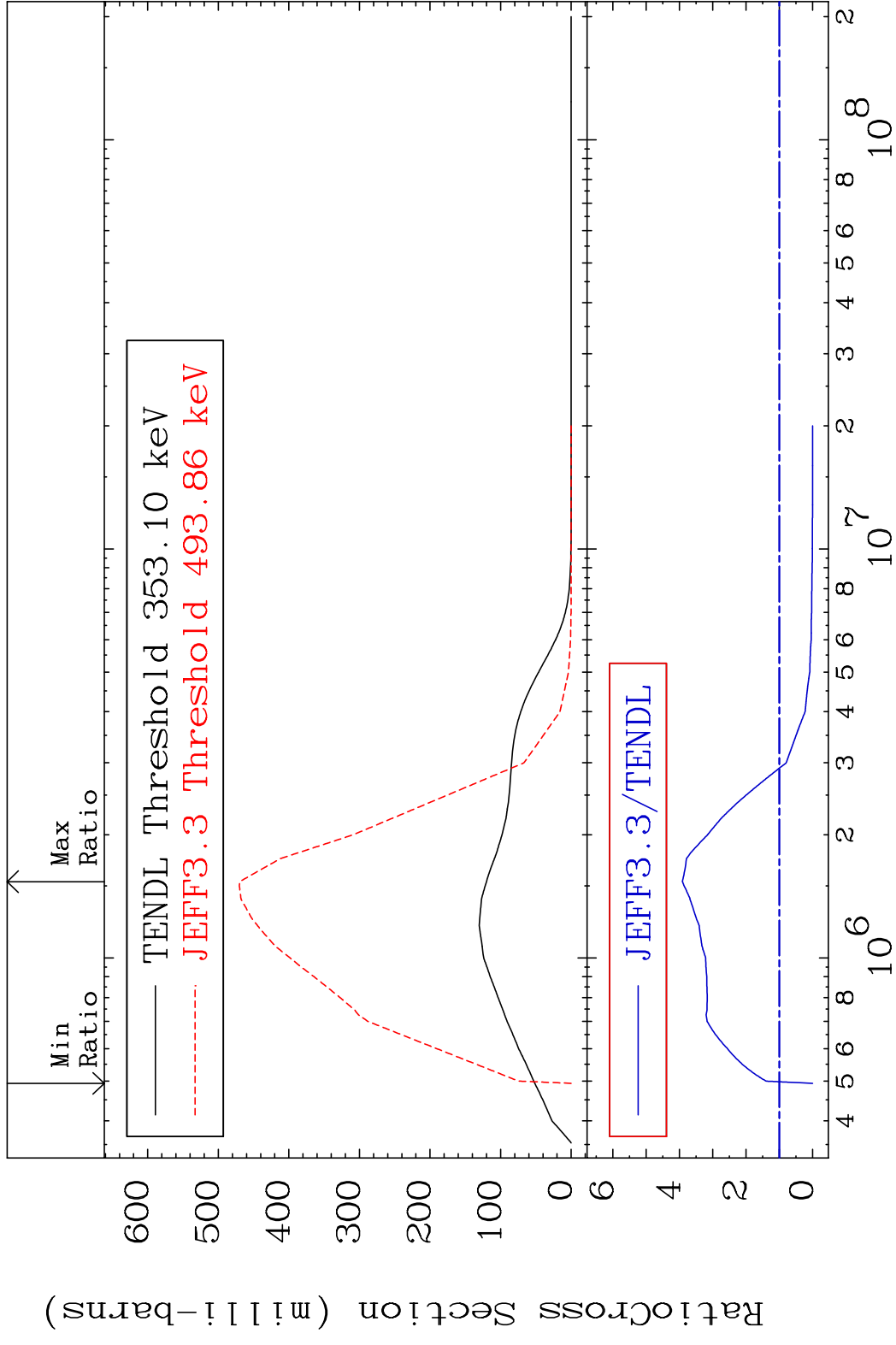
MT= 52 (n, n') Level

59-Pr-143

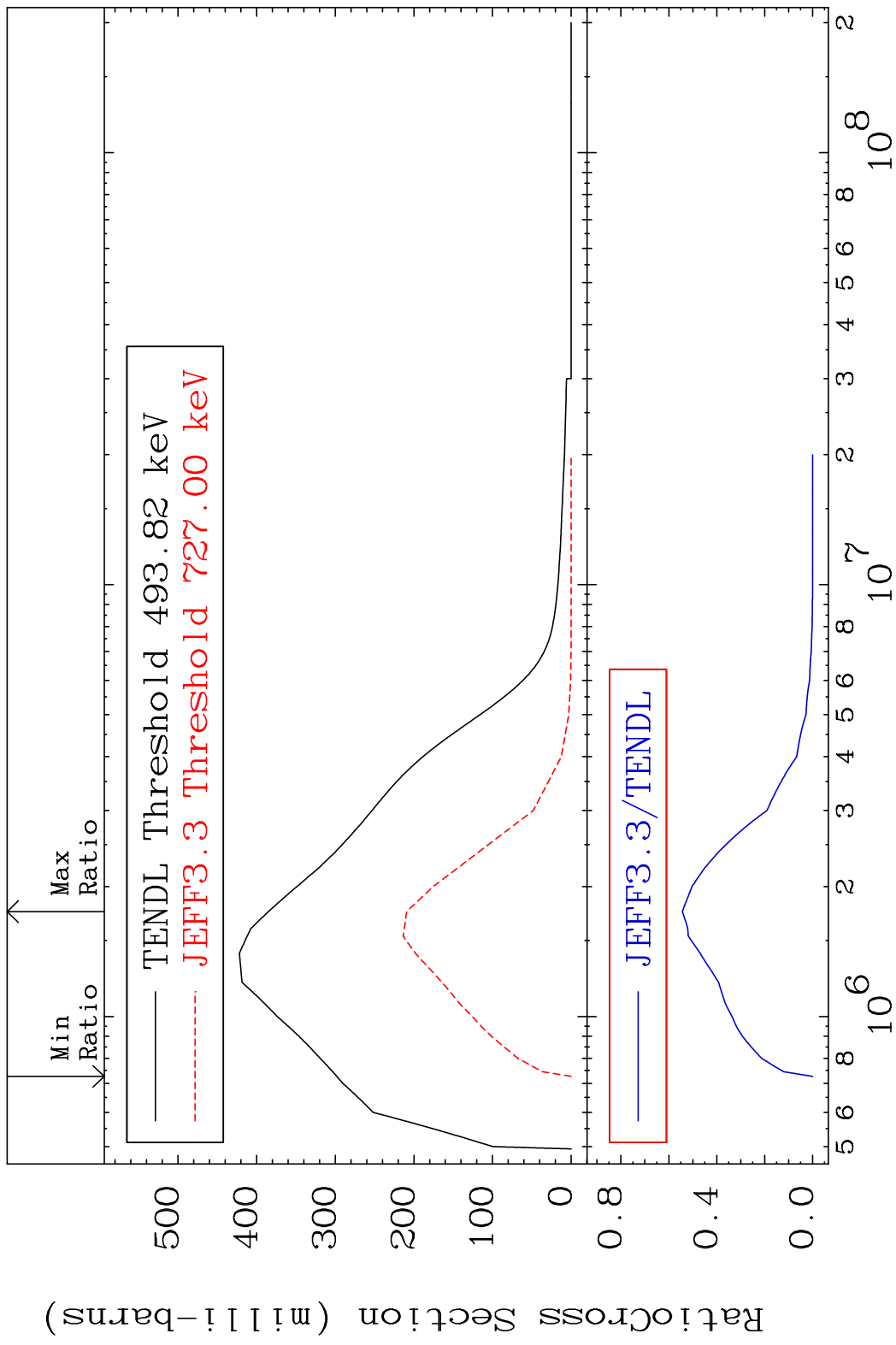
Cross Section -100.0 To 38.07 %



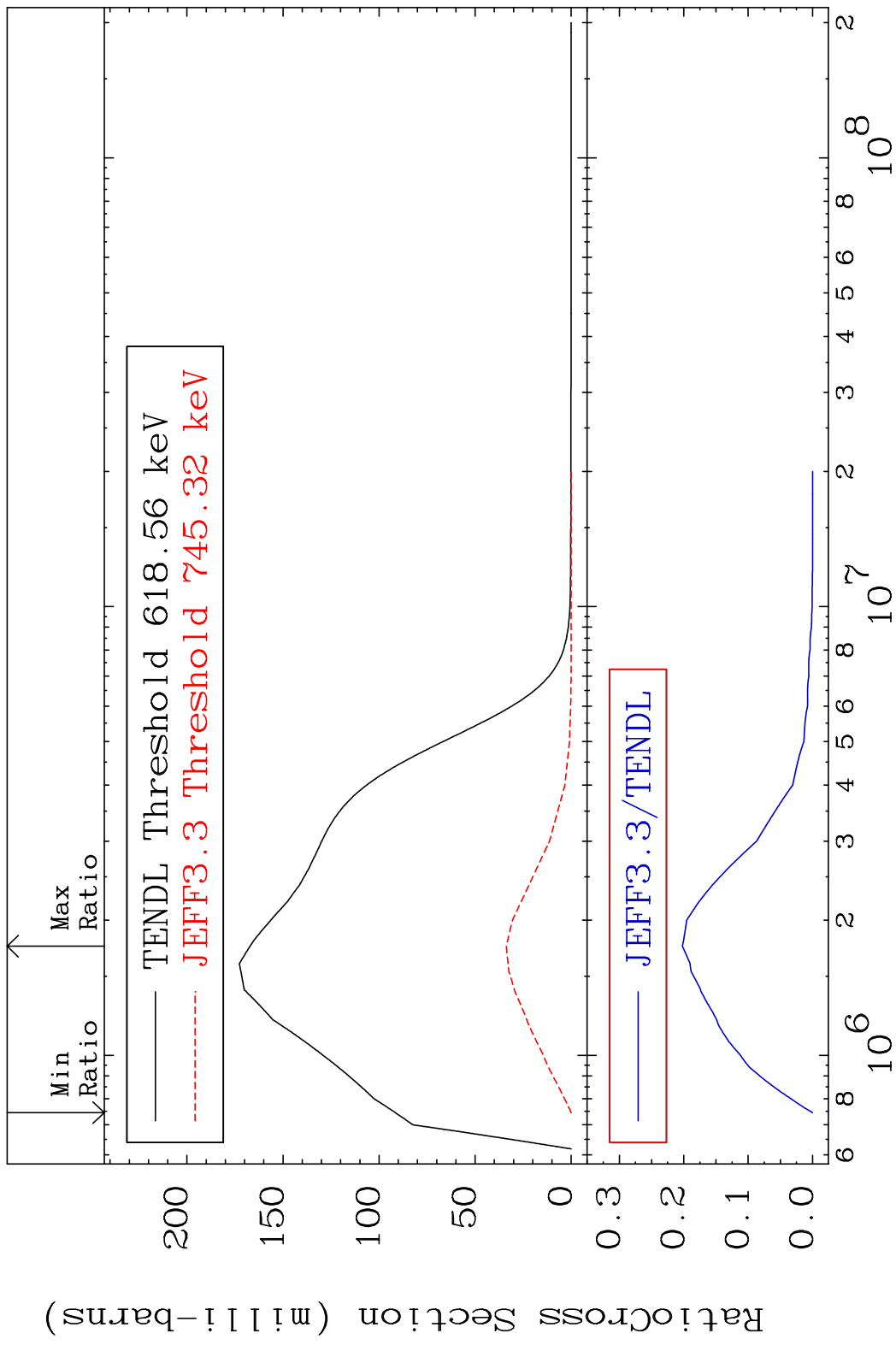
MAT 5931 MT= 53 (n, n') Level 59-Pr-143
 Cross Section -100.0 To 291.3 %



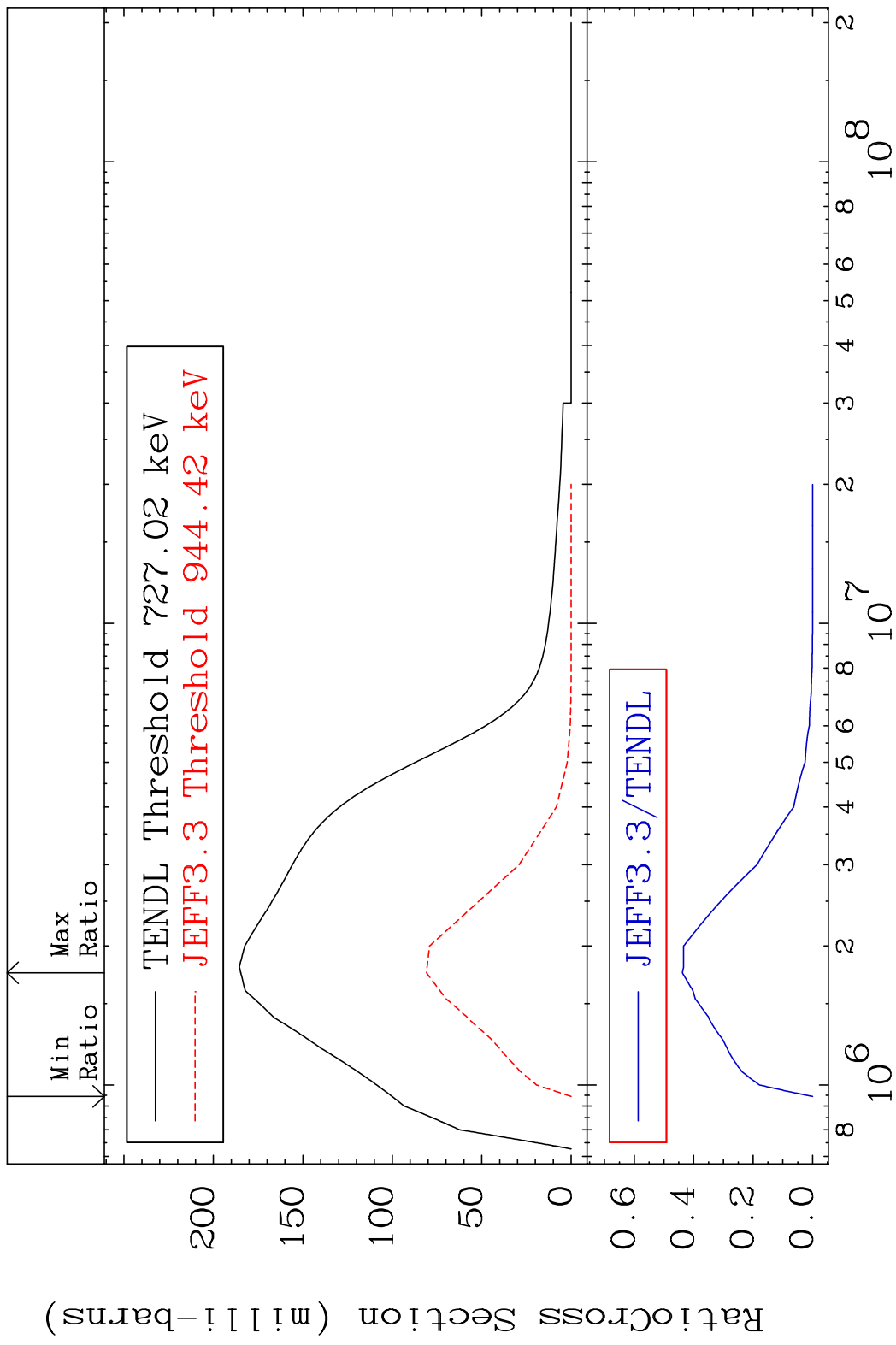
MAT 5931 MT= 54 (n,n') Level 59-Pr-143
 Cross Section -100.0 To -45.65%



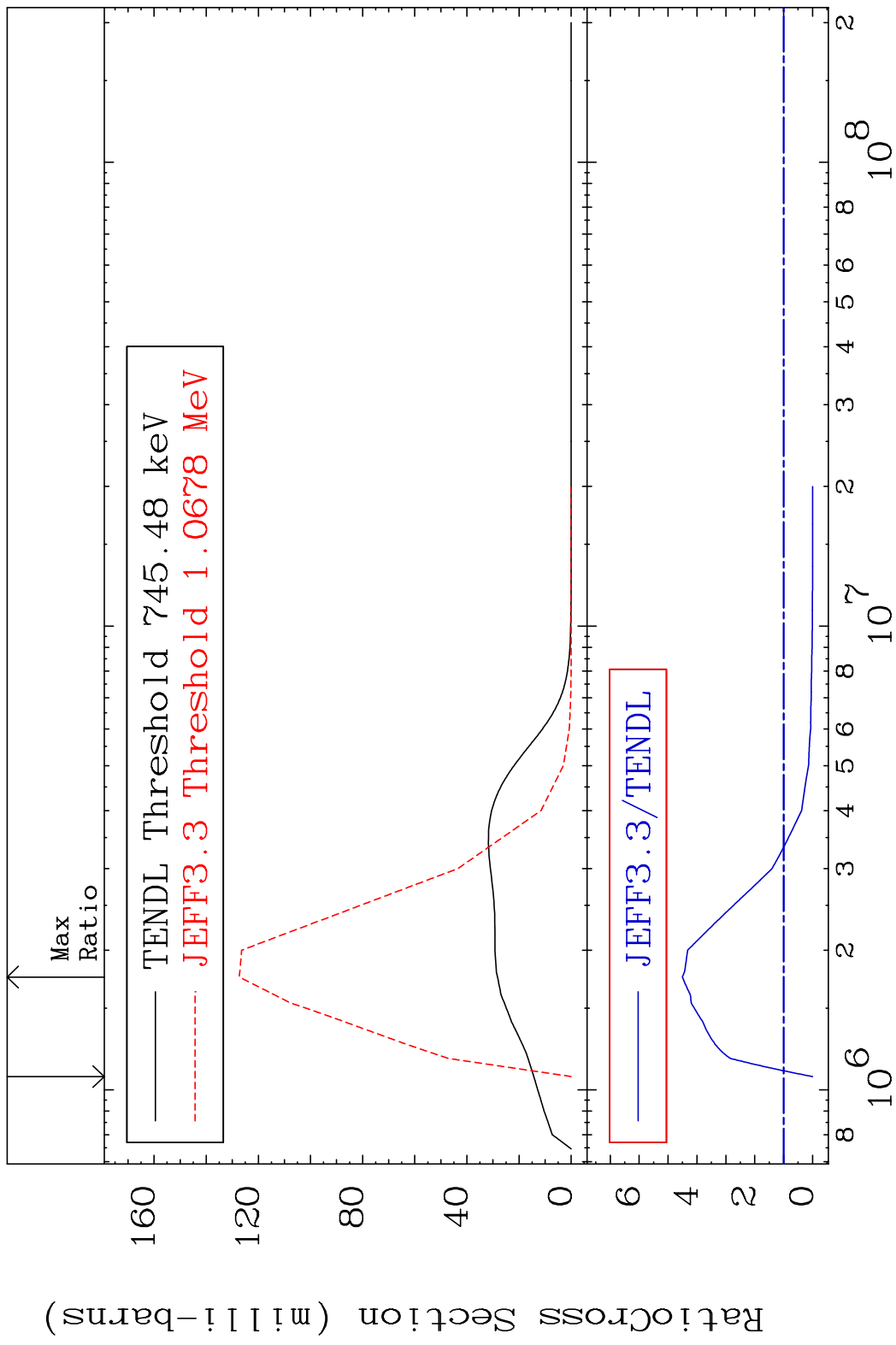
MAT 5931 MT= 55 (n,n') Level 59-Pr-143
 Cross Section -100.0 To -79.78%



MAT 5931 MT= 56 (n,n') Level 59-Pr-143
 Cross Section -100.0 To -56.19%

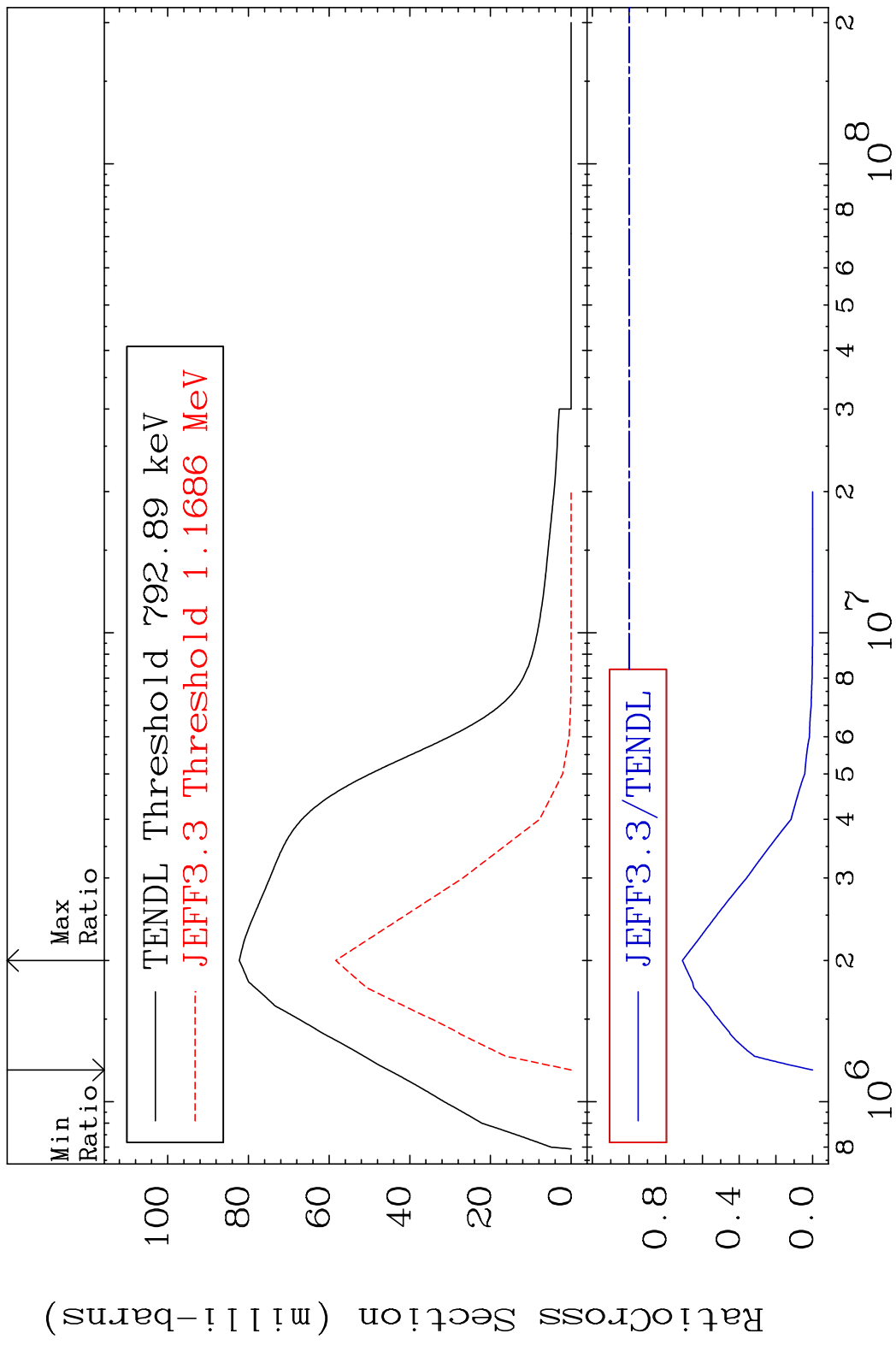


MAT 5931 MT= 57 (n,n') Level 59-Pr-143
 Cross Section -100.0 To 350.5 %



16 Incident Energy (eV) 59-Pr-143

MAT 5931 MT= 58 (n,n') Level 59-Pr-143
 Cross Section -100.0 To -29.04%



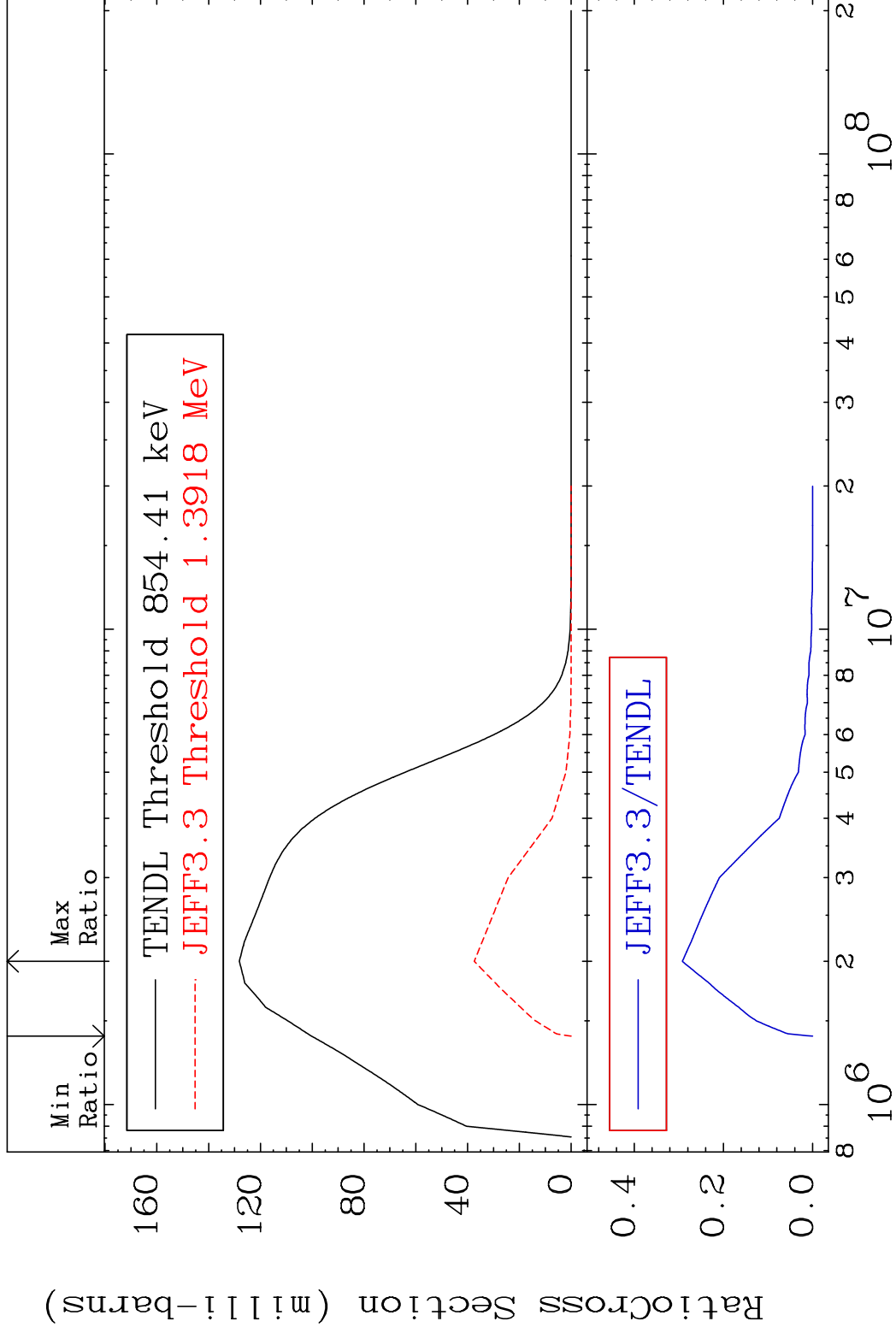
17 17 Incident Energy (eV) 59-Pr-143

MAT 5931

MT= 59 (n,n') Level

59-Pr-143

Cross Section -100.0 To -70.79%



18

Incident Energy (eV)

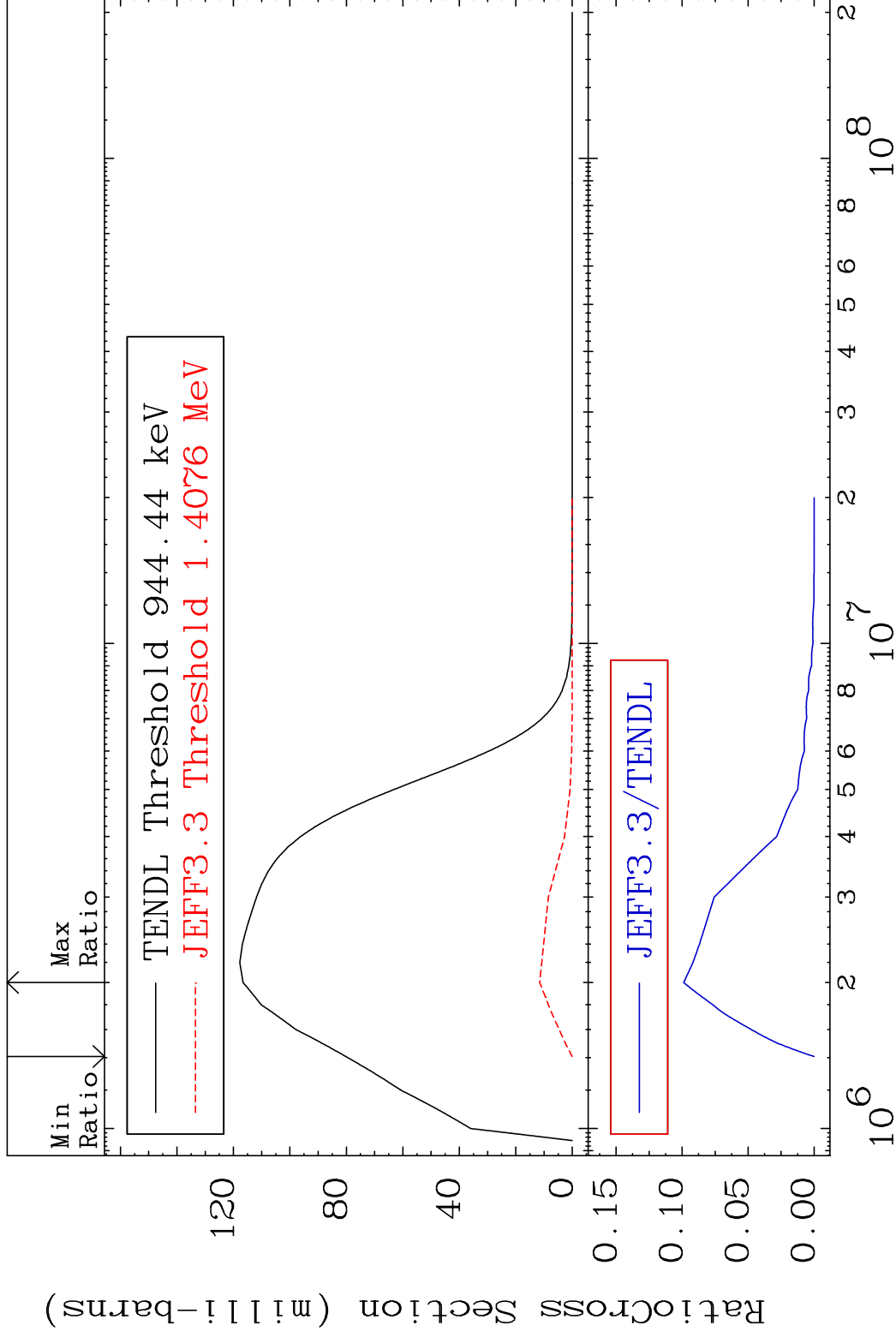
59-Pr-143

MAT 5931

MT= 60 (n,n') Level

59-Pr-143

Cross Section -100.0 To -90.12%



19

Incident Energy (eV)

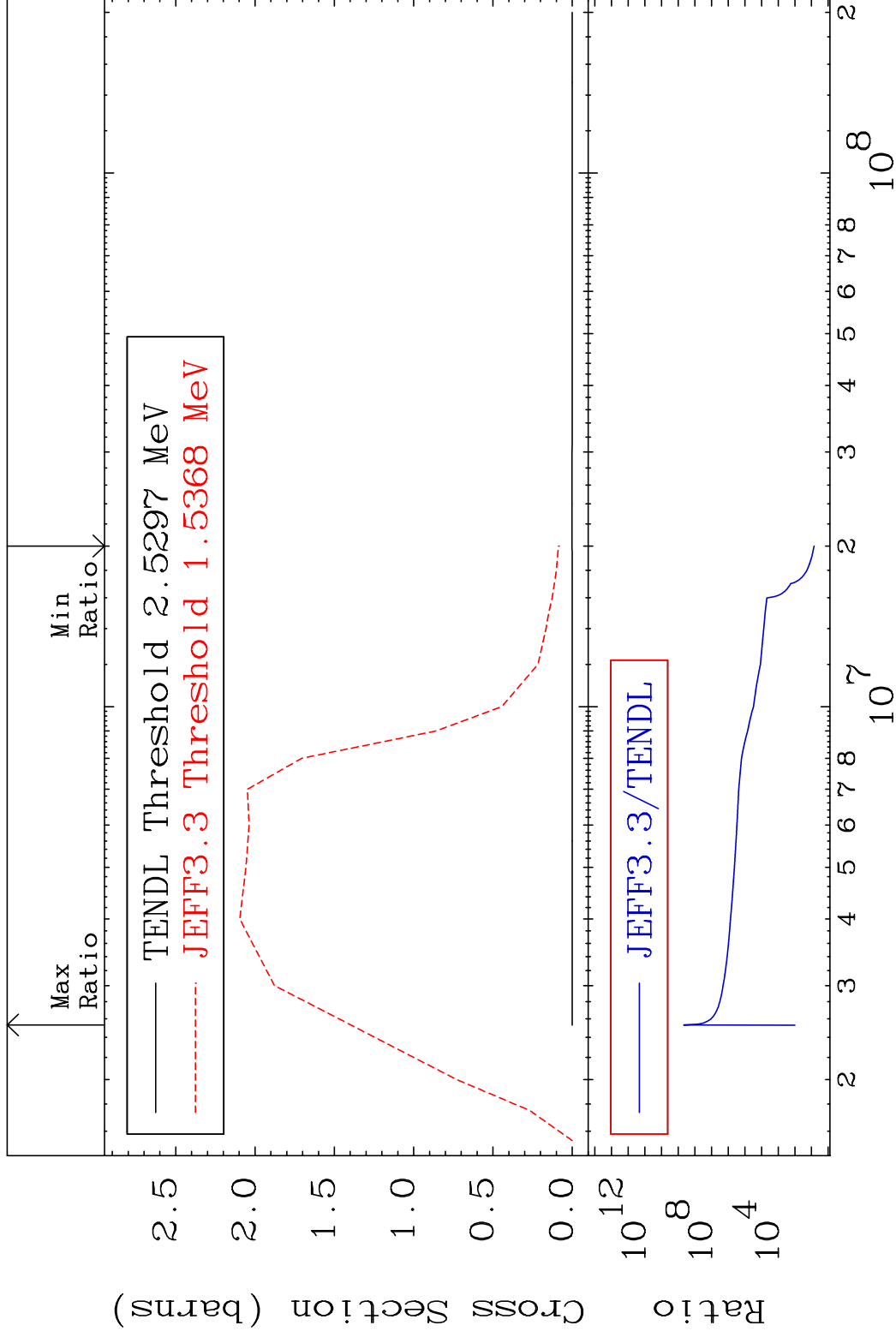
59-Pr-143

MAT 5931

(n,n') Continuum

59-Pr-143

Cross Section 6901. To 9999. %



20

Incident Energy (eV)

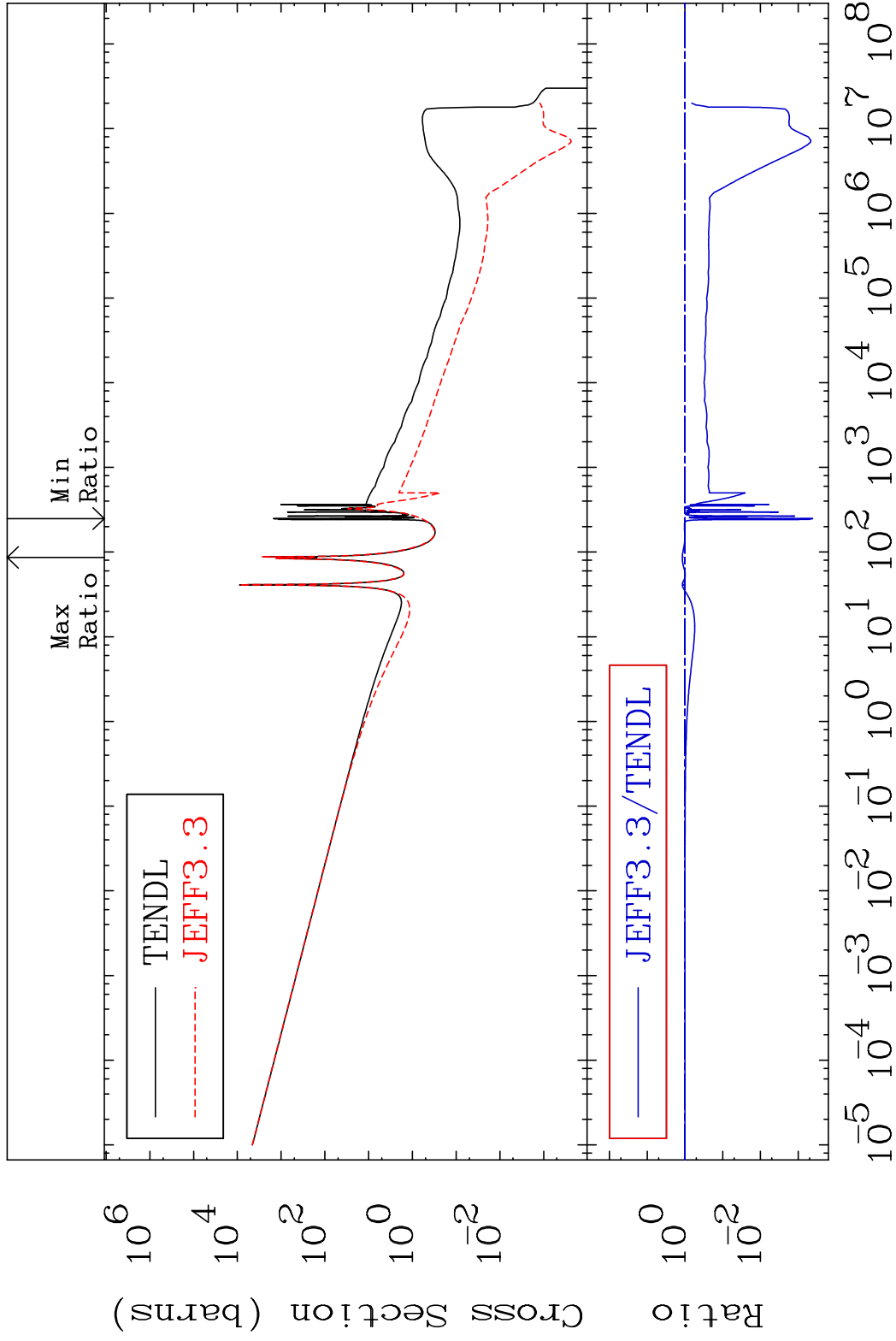
59-Pr-143

MAT 5931

(n, γ)

59-Pr-143

Cross Section -99.96 To 17.41 %



21

Incident Energy (eV)

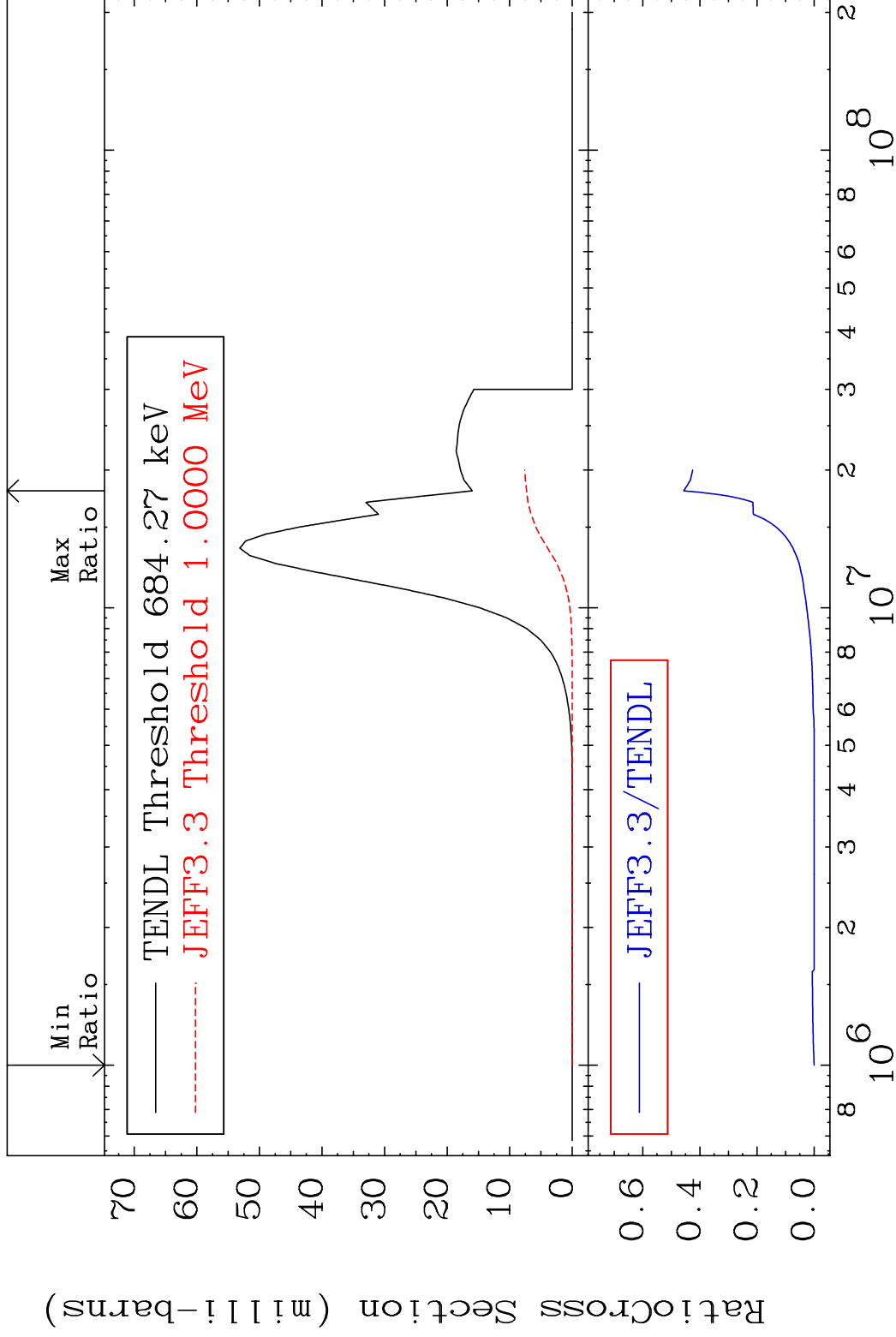
59-Pr-143

MAT 5931

(n,p)

59-Pr-143

Cross Section -100.0 To -54.32%



22

Incident Energy (eV)

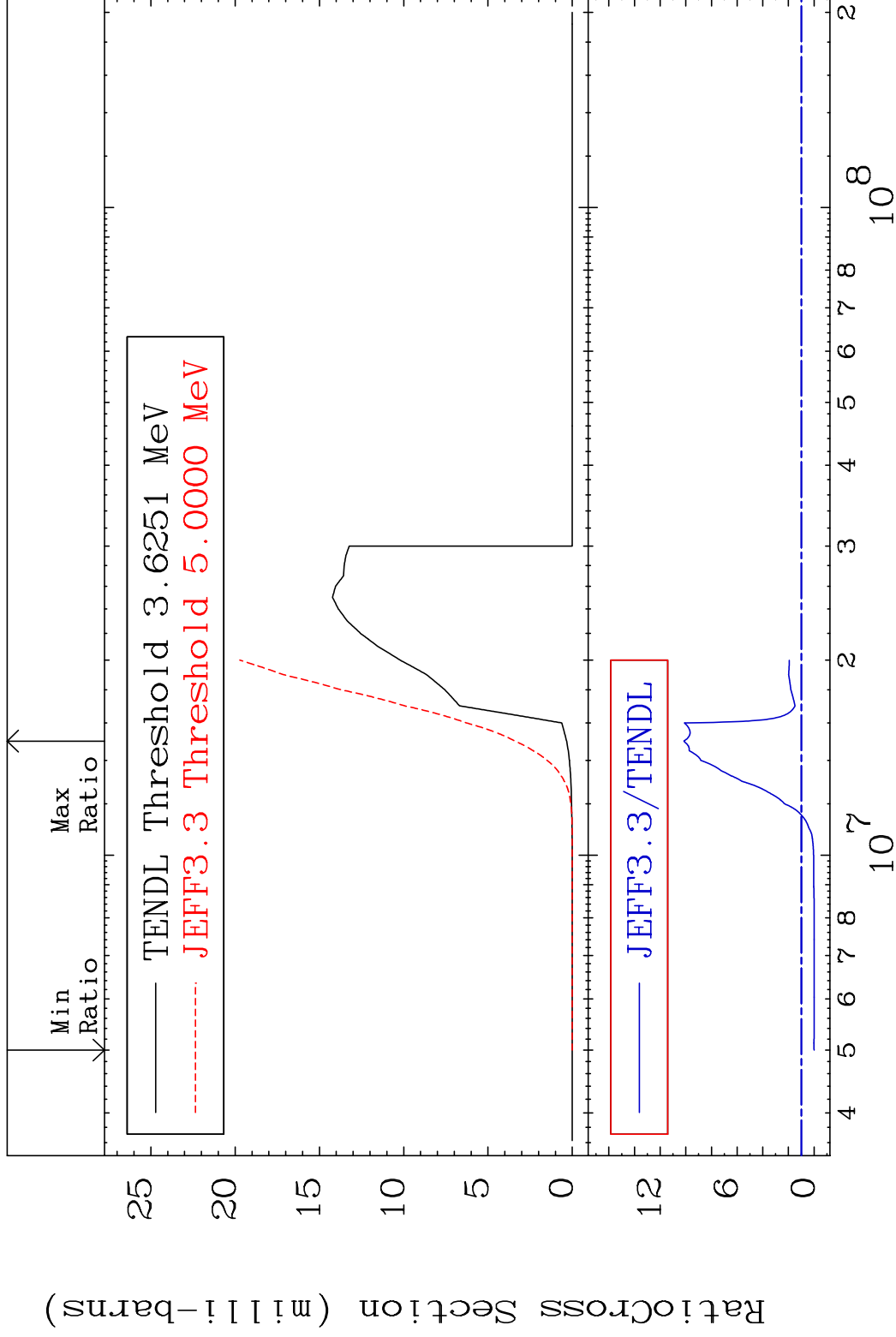
59-Pr-143

MAT 5931

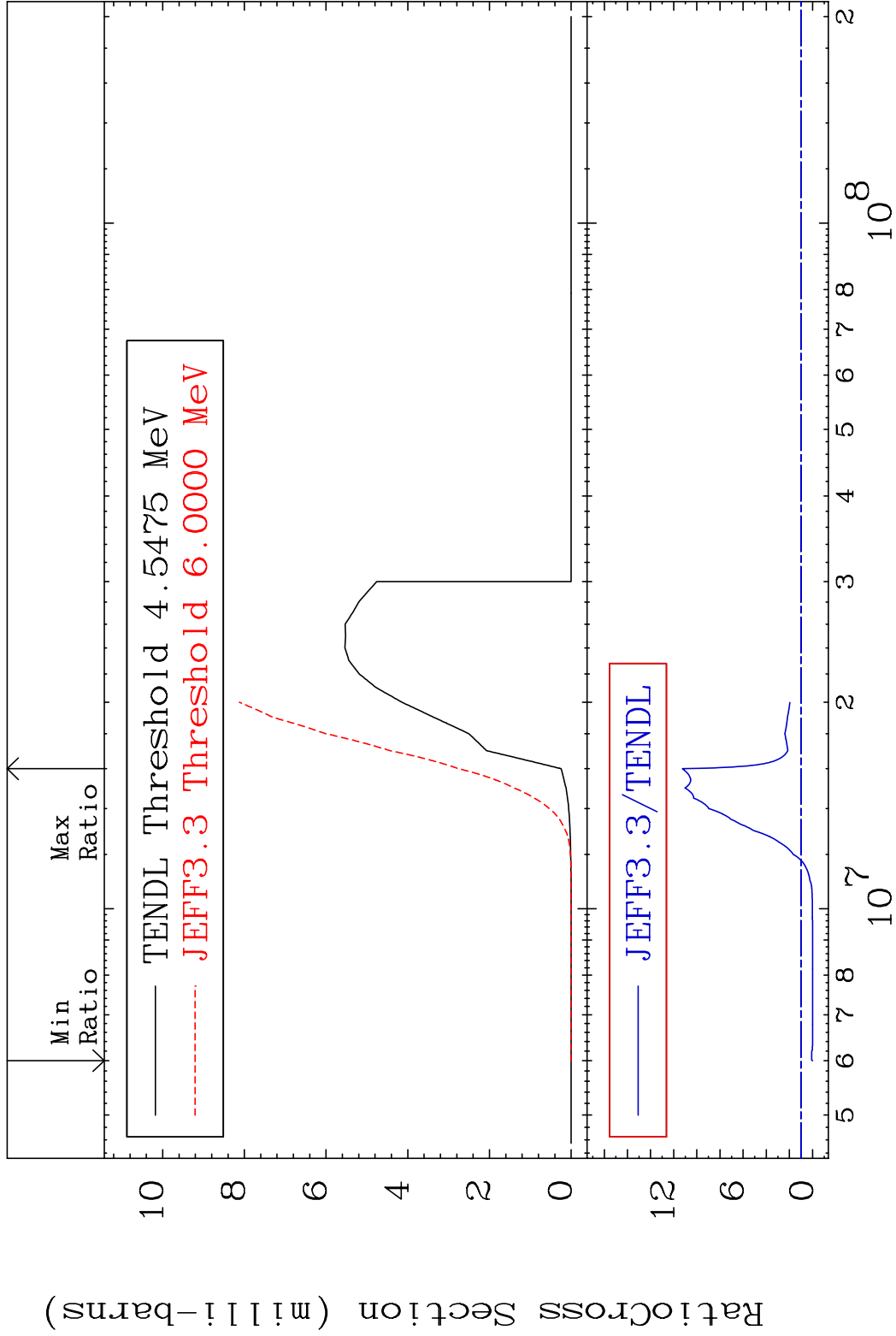
(n, d)

59-Pr-143

Cross Section -100.0 To 916.9 %



Cross Section -100.0 To 1025. %

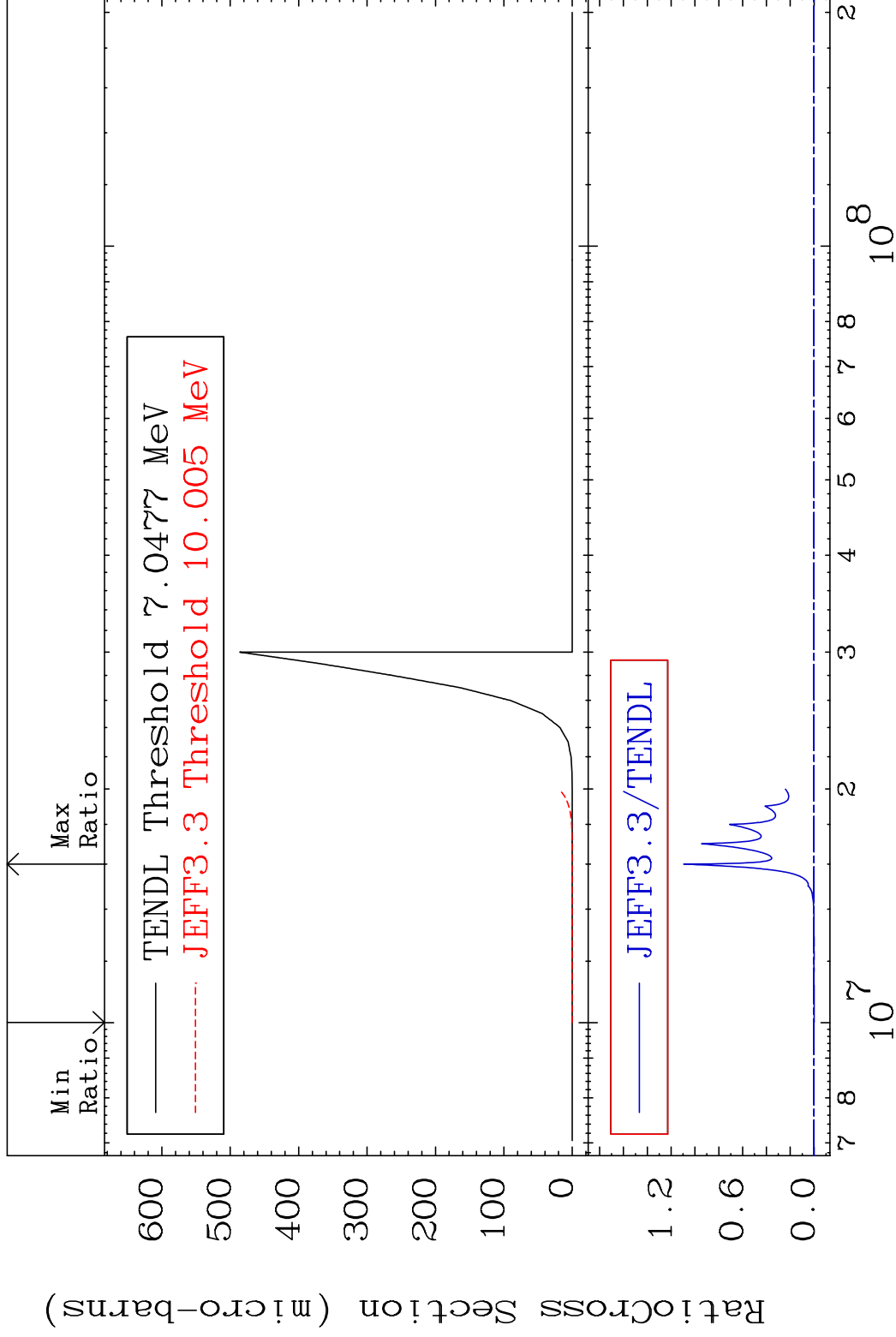


MAT 5931

(n, He-3)

59-Pr-143

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

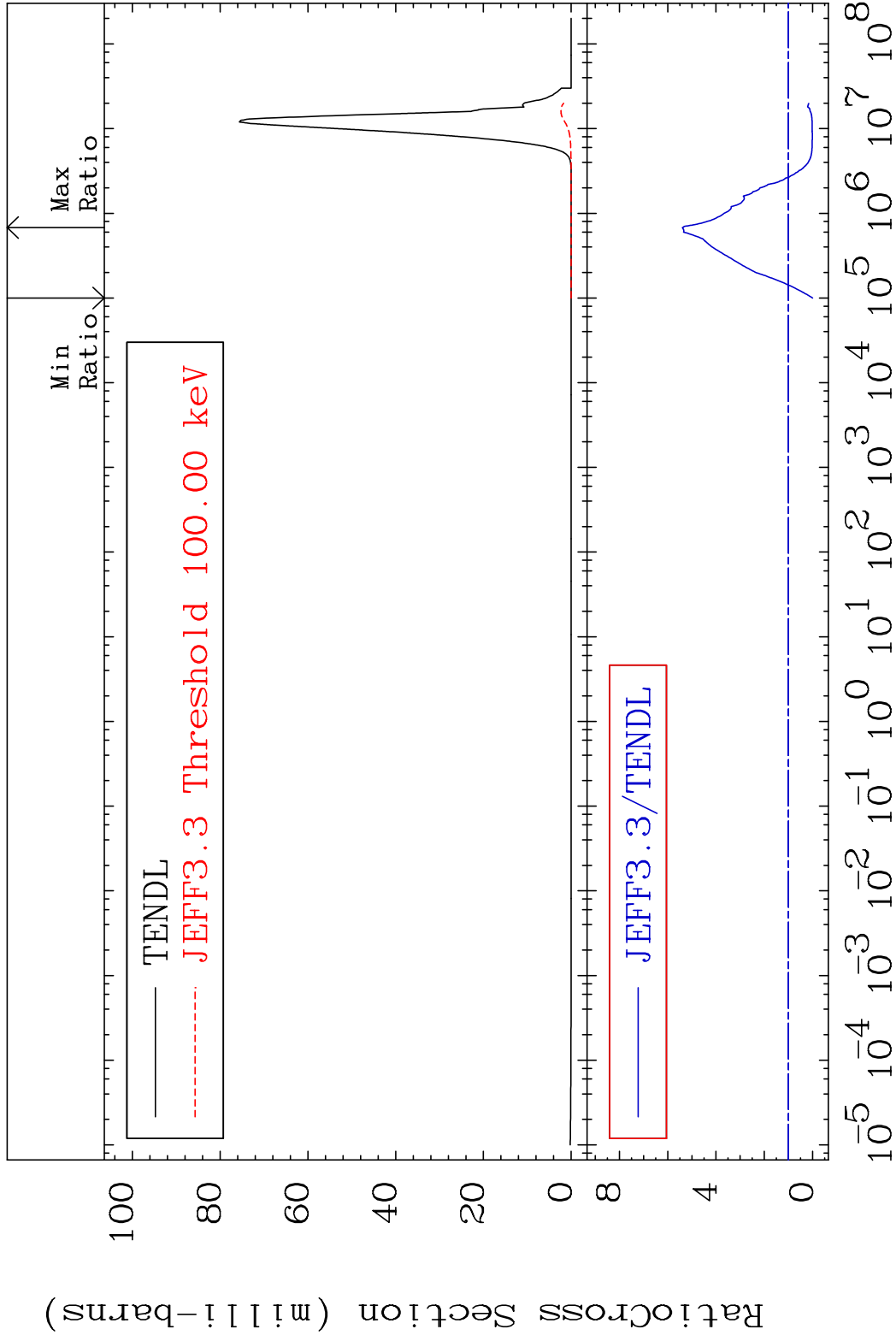
59-Pr-143

MAT 5931

(n, α)

59-Pr-143

Cross Section -100.0 To 439.5 %



26

Incident Energy (eV)

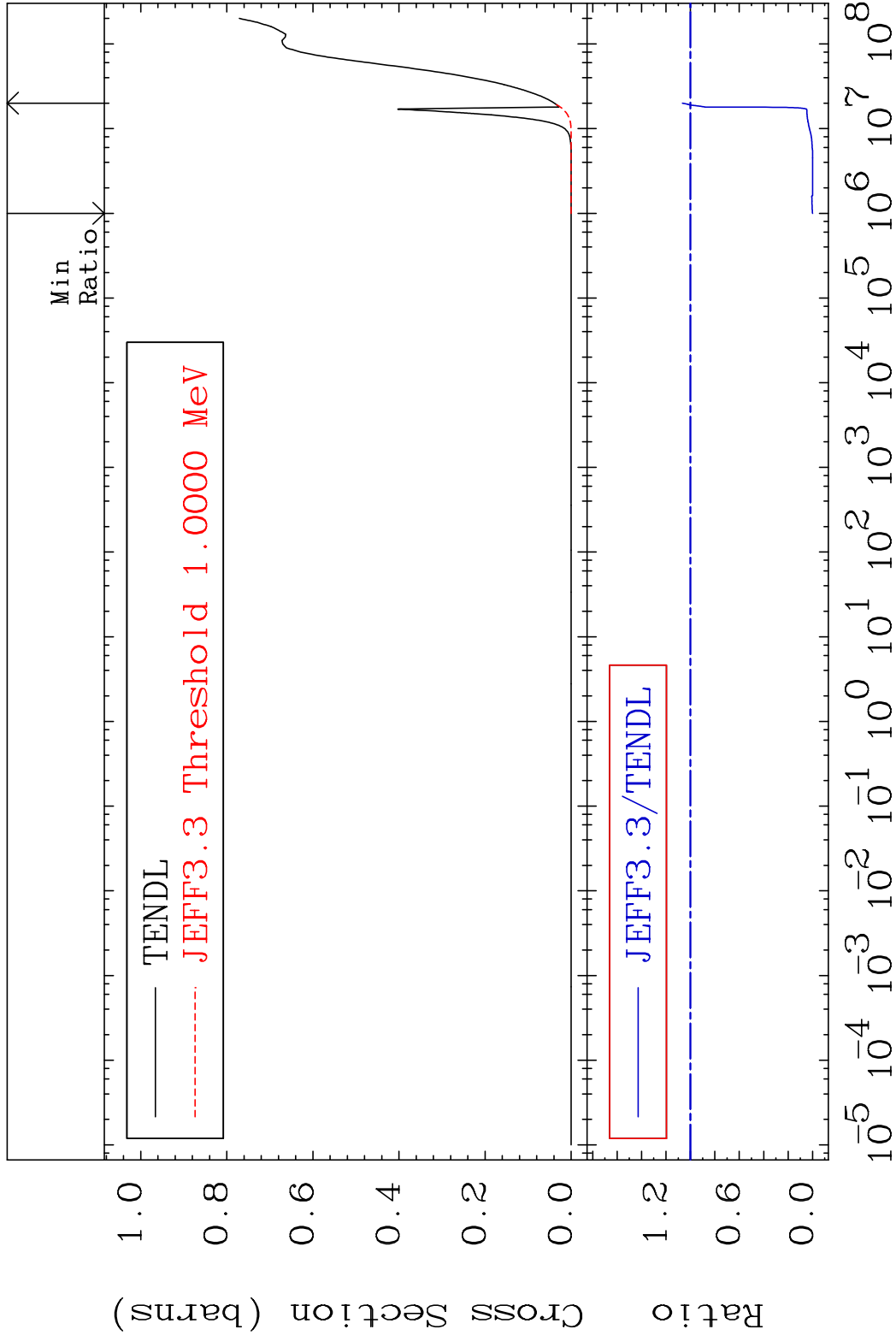
59-Pr-143

MAT 5931

Hydrogen Production

59-Pr-143

Cross Section -100.0 To 6.596 %

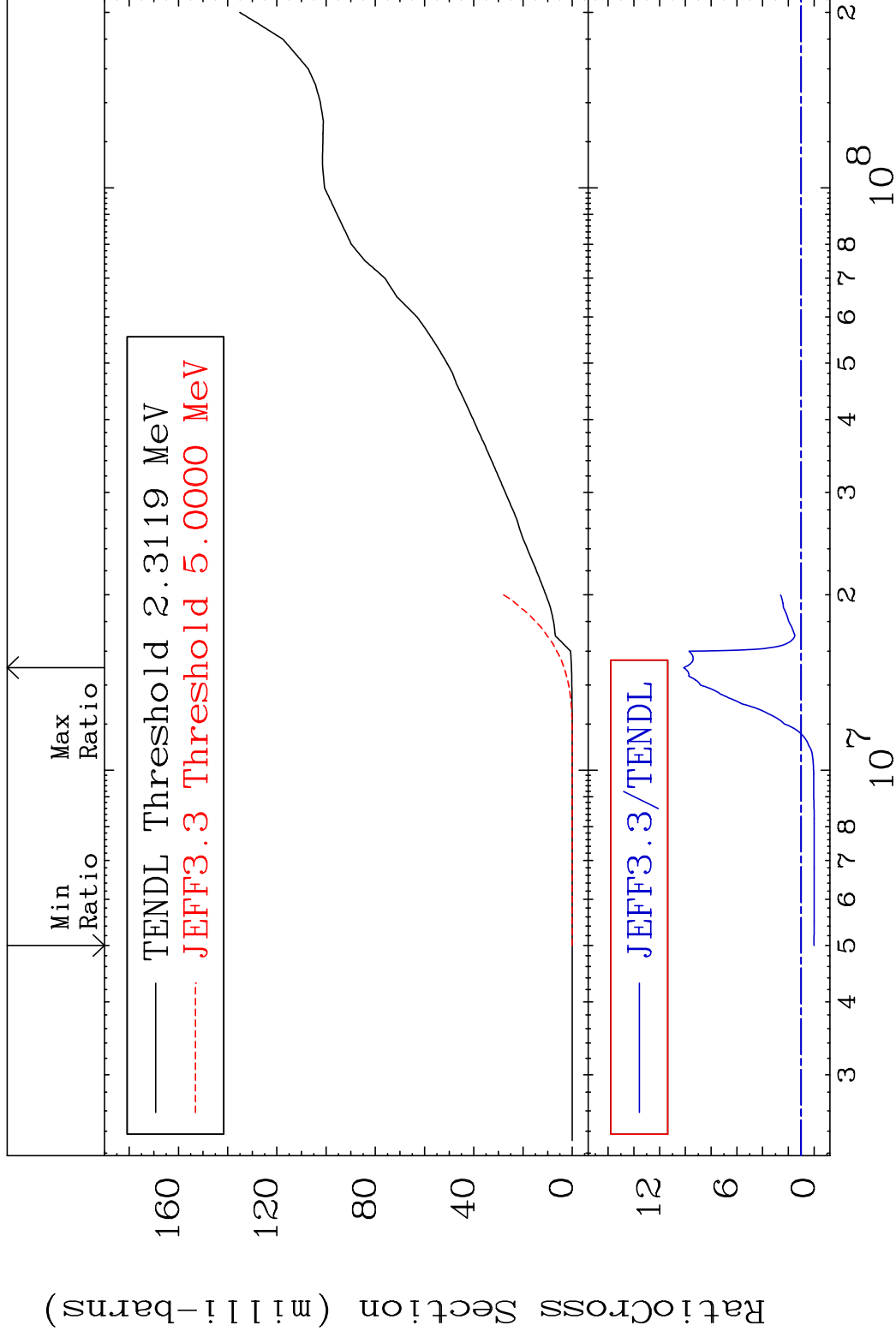


MAT 5931

Deuterium Production

59-Pr-143

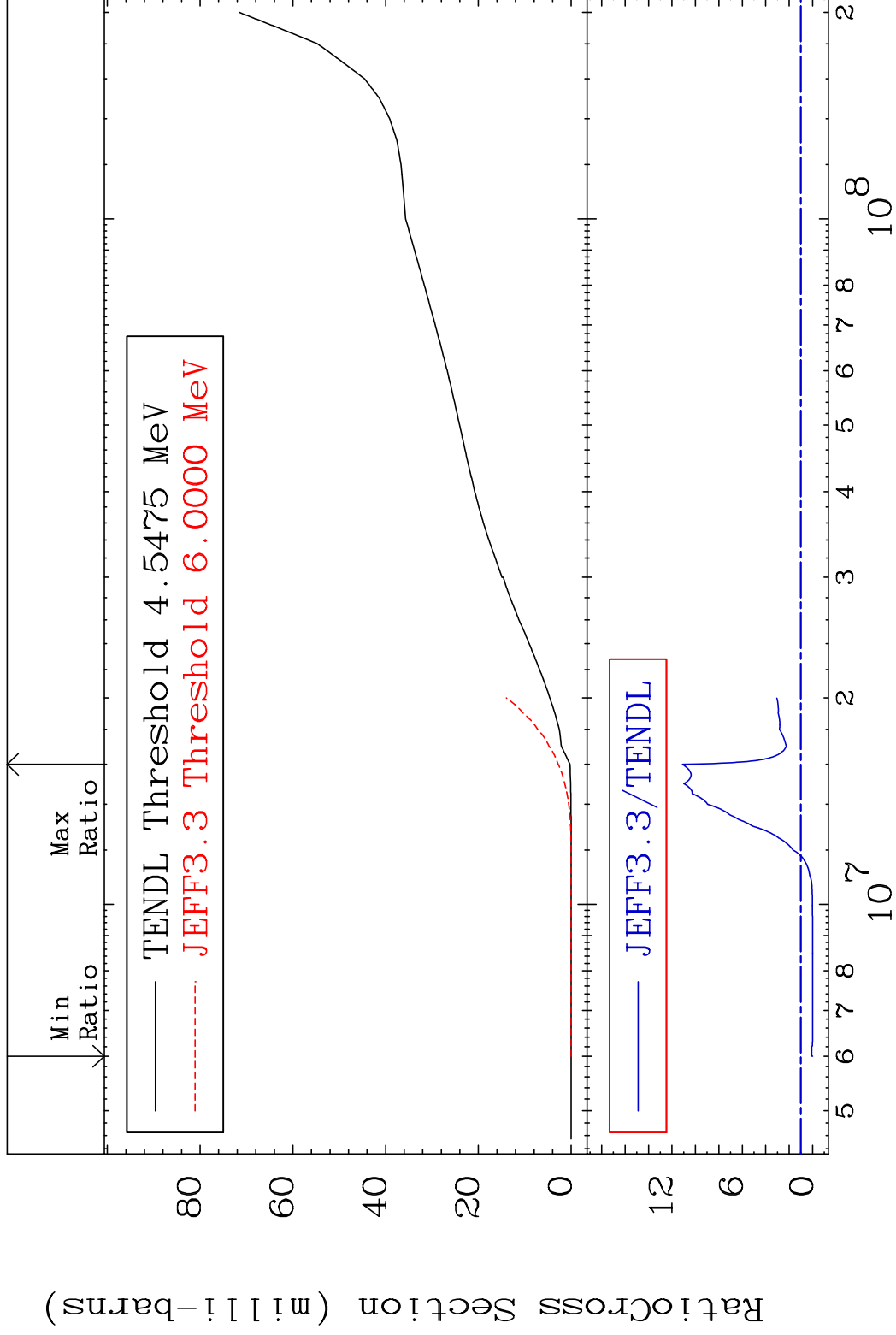
Cross Section -100.0 To 913.1 %



28

Incident Energy (eV)

59-Pr-143

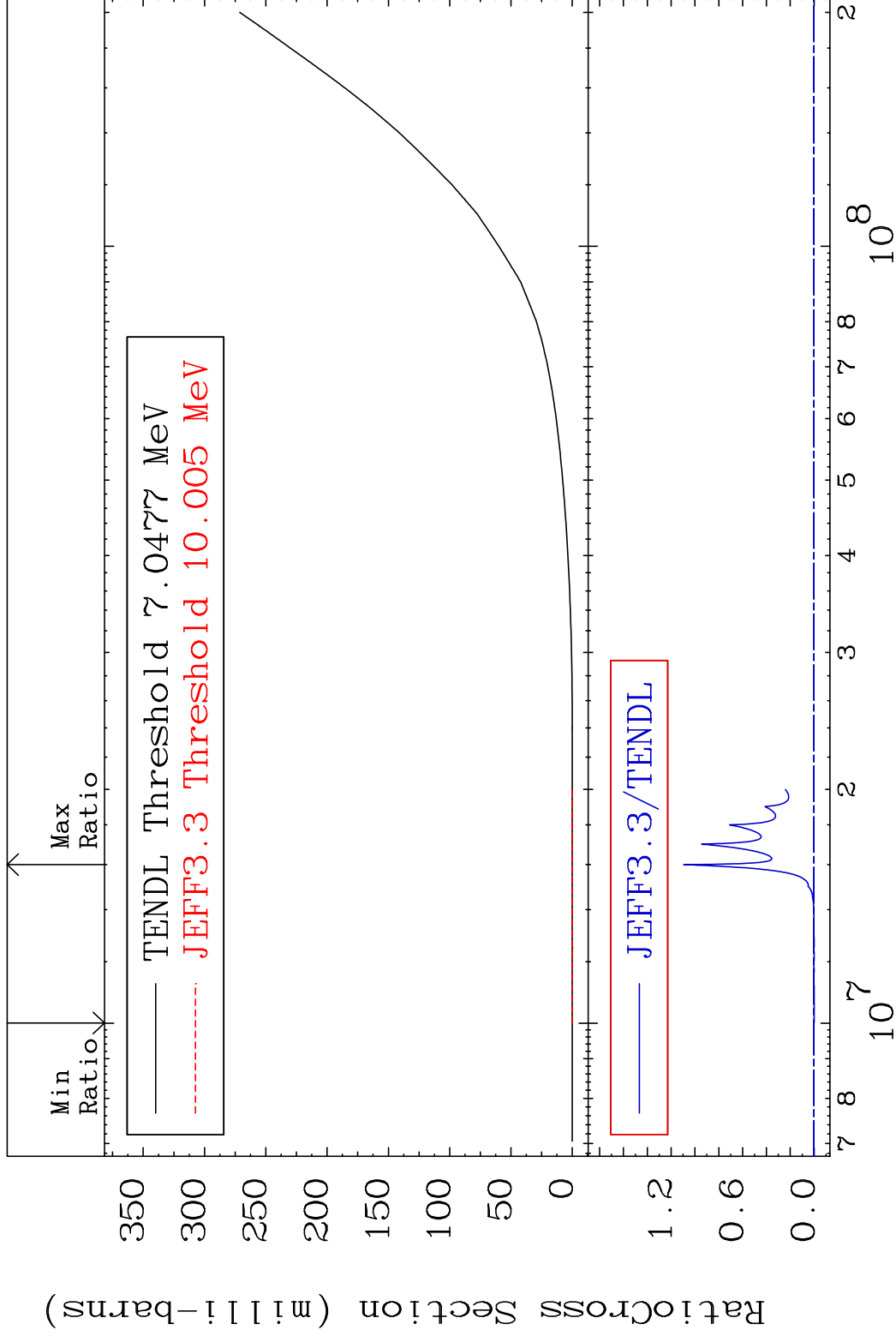


MAT 5931

He-3 Production

59-Pr-143

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

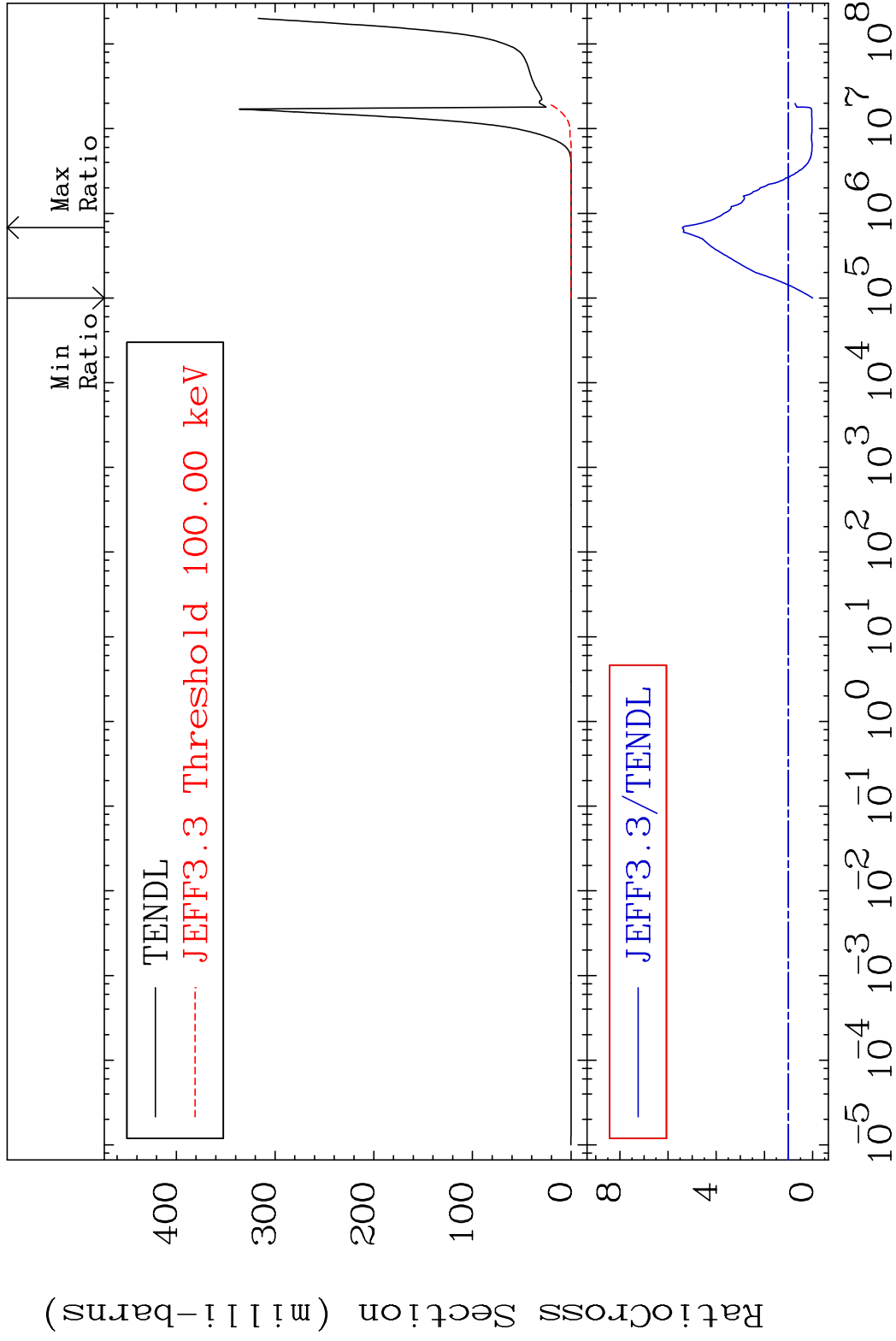
59-Pr-143

MAT 5931

He-4 Production

59-Pr-143

Cross Section -100.0 To 440.6 %

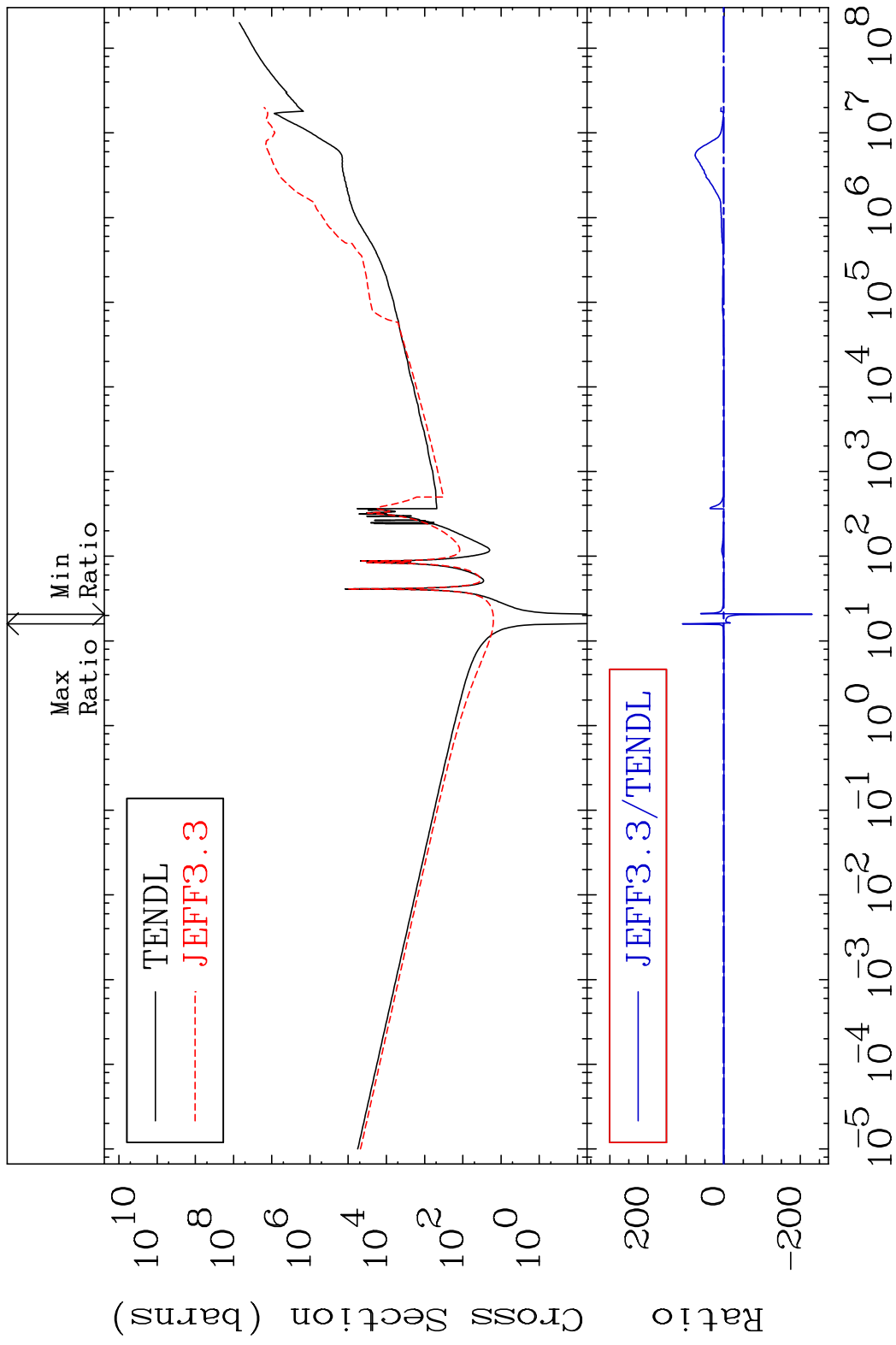


31

Incident Energy (eV)

59-Pr-143

MAT 5931 Kerma total (eV-barns) 59-Pr-143
 Cross Section -9999. To 9999. %

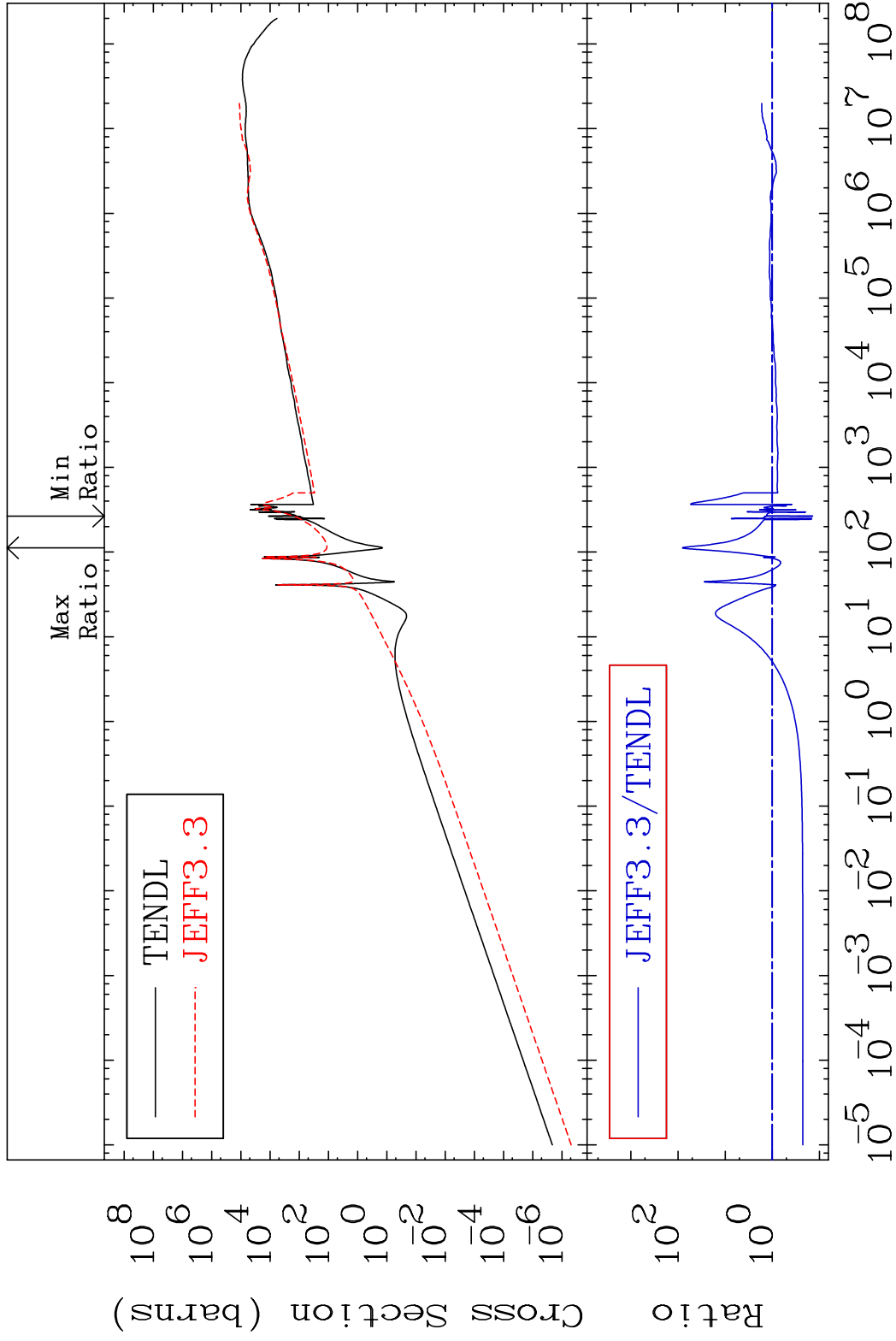


MAT 5931

Kerma elastic

59-Pr-143

Cross Section -86.01 To 7990. %

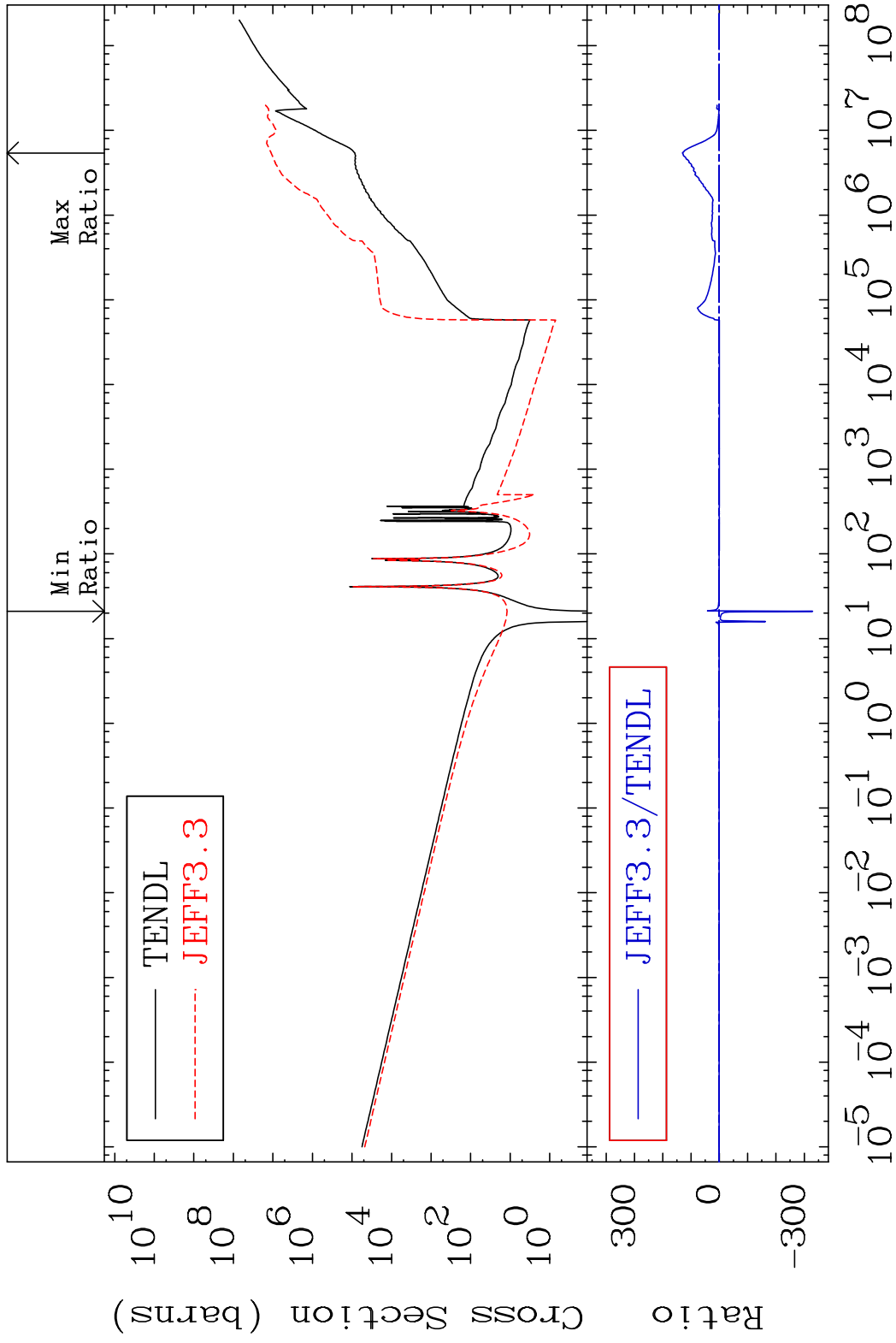


33

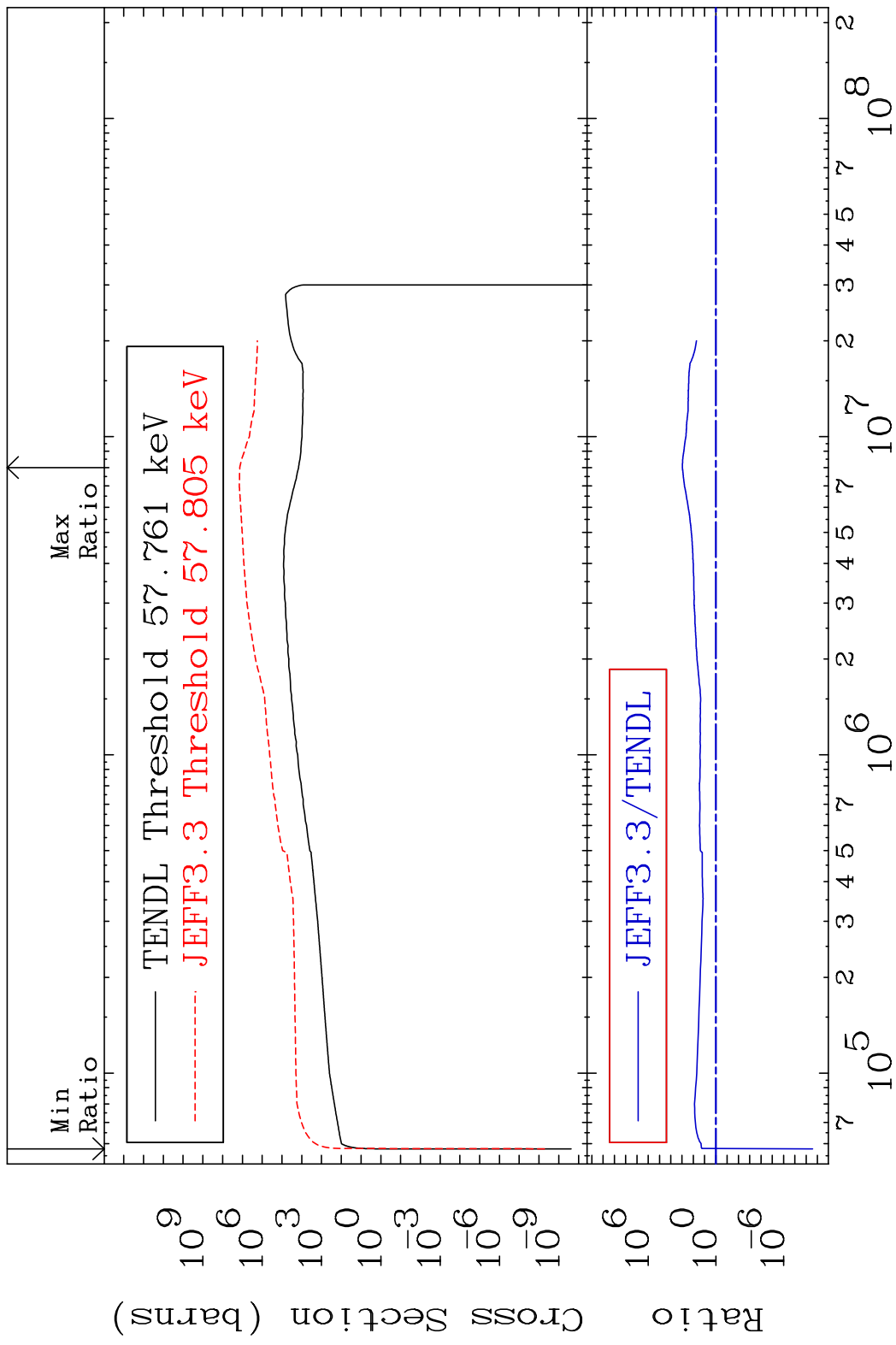
Incident Energy (eV)

59-Pr-143

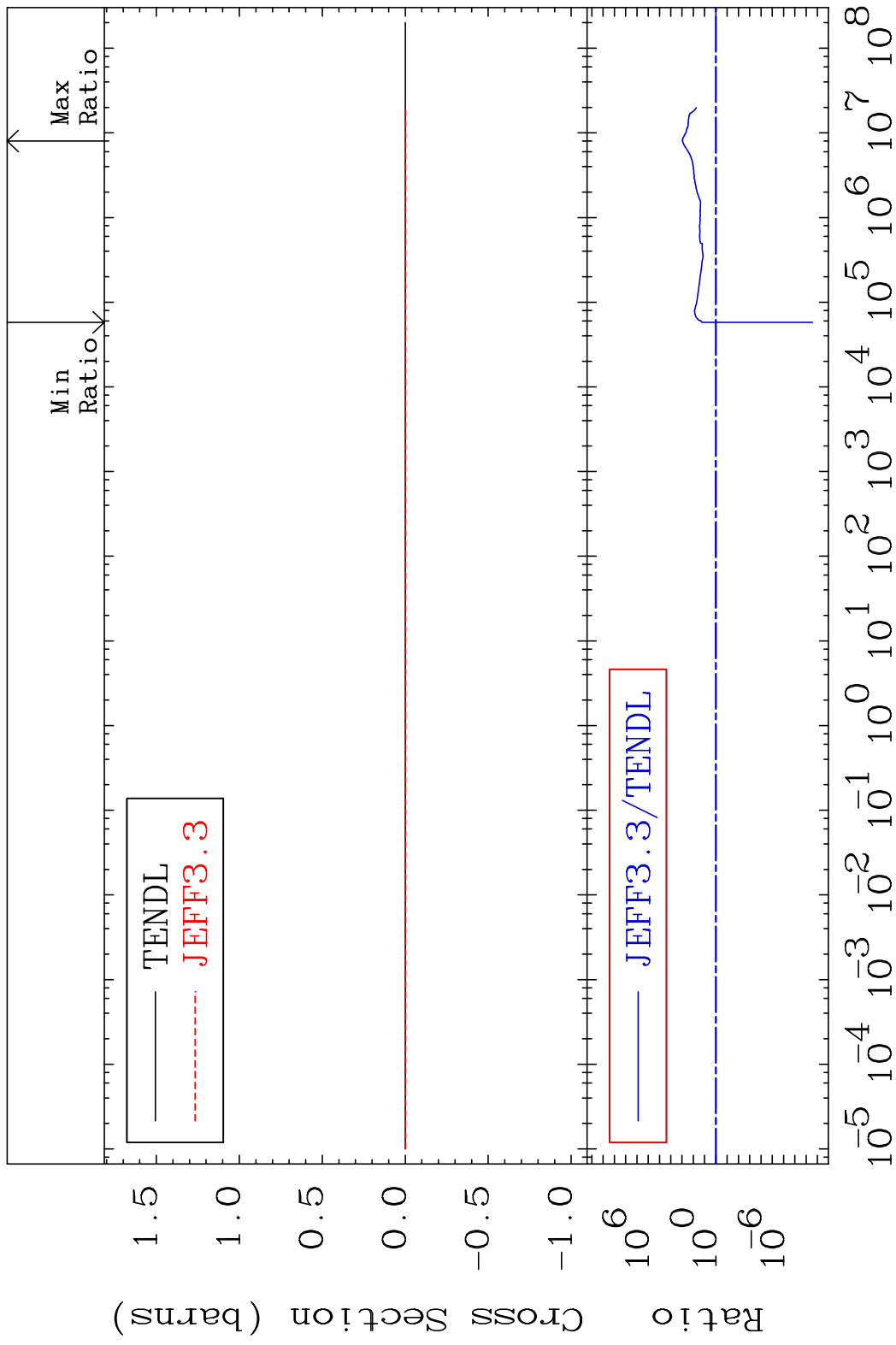
MAT 5931 Kerma non-elastic (all but mt2) 59-Pr-143
 Cross Section -9999. To 9999. %



MAT 5931 Kerma inelastic (mt51-91) 59-Pr-143
 Cross Section -100.0 To 9999. %



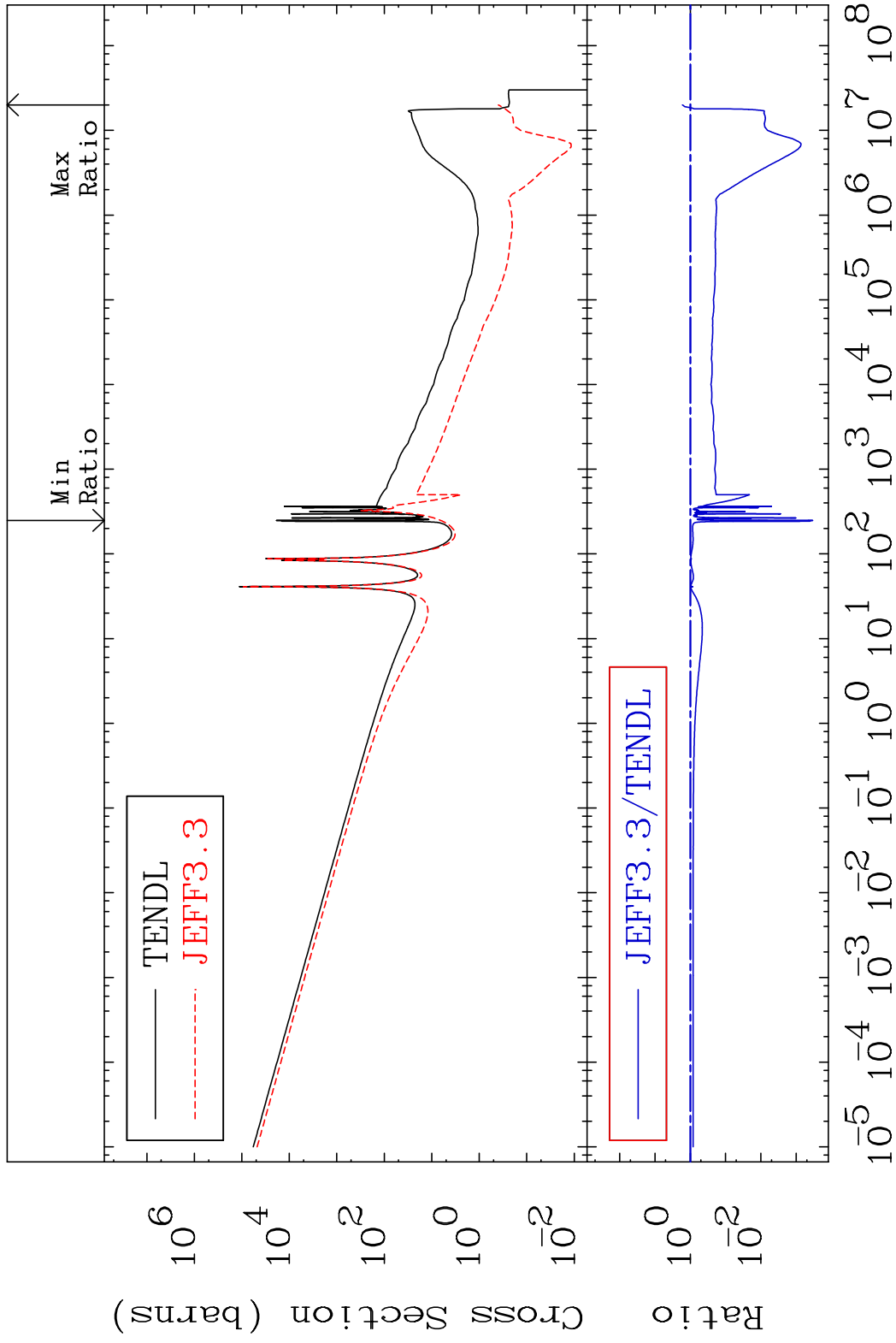
MAT 5931 Kerma fission (mt18 or mt19-20-21-38)59-Pr-143
 Cross Section -100.0 To 9999. %



MAT 5931

Kerma capture (mt102) 59-Pr-143

Cross Section -99.97 To 67.72 %



37

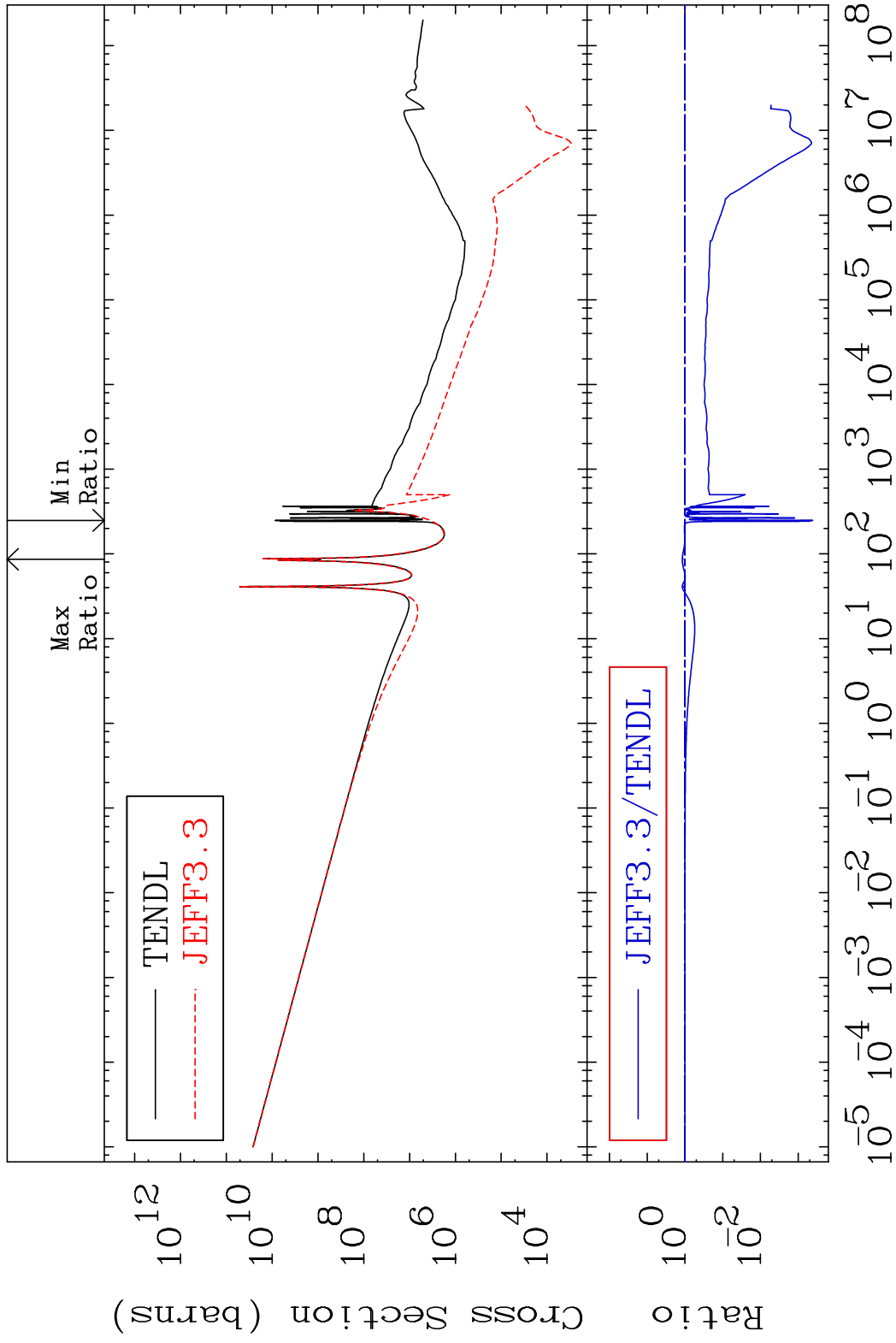
Incident Energy (eV)

59-Pr-143

MAT 5931

Total photon (eV-barns) 59-Pr-143

Cross Section -99.96 To 17.42 %

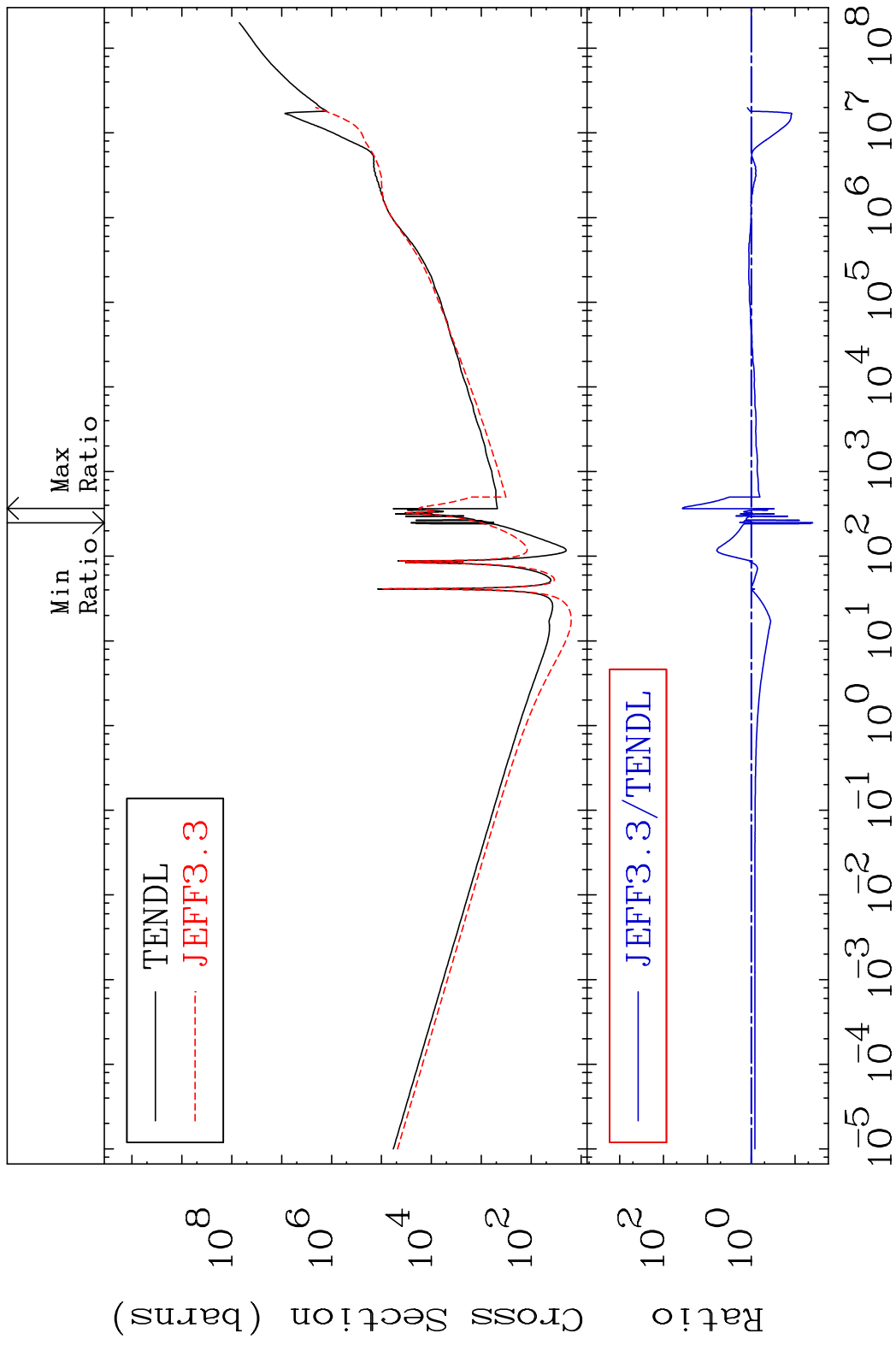


38

Incident Energy (eV)

59-Pr-143

MAT 5931 Total kinematic kerma (high limit) 59-Pr-143
 Cross Section -96.02 To 3622. %

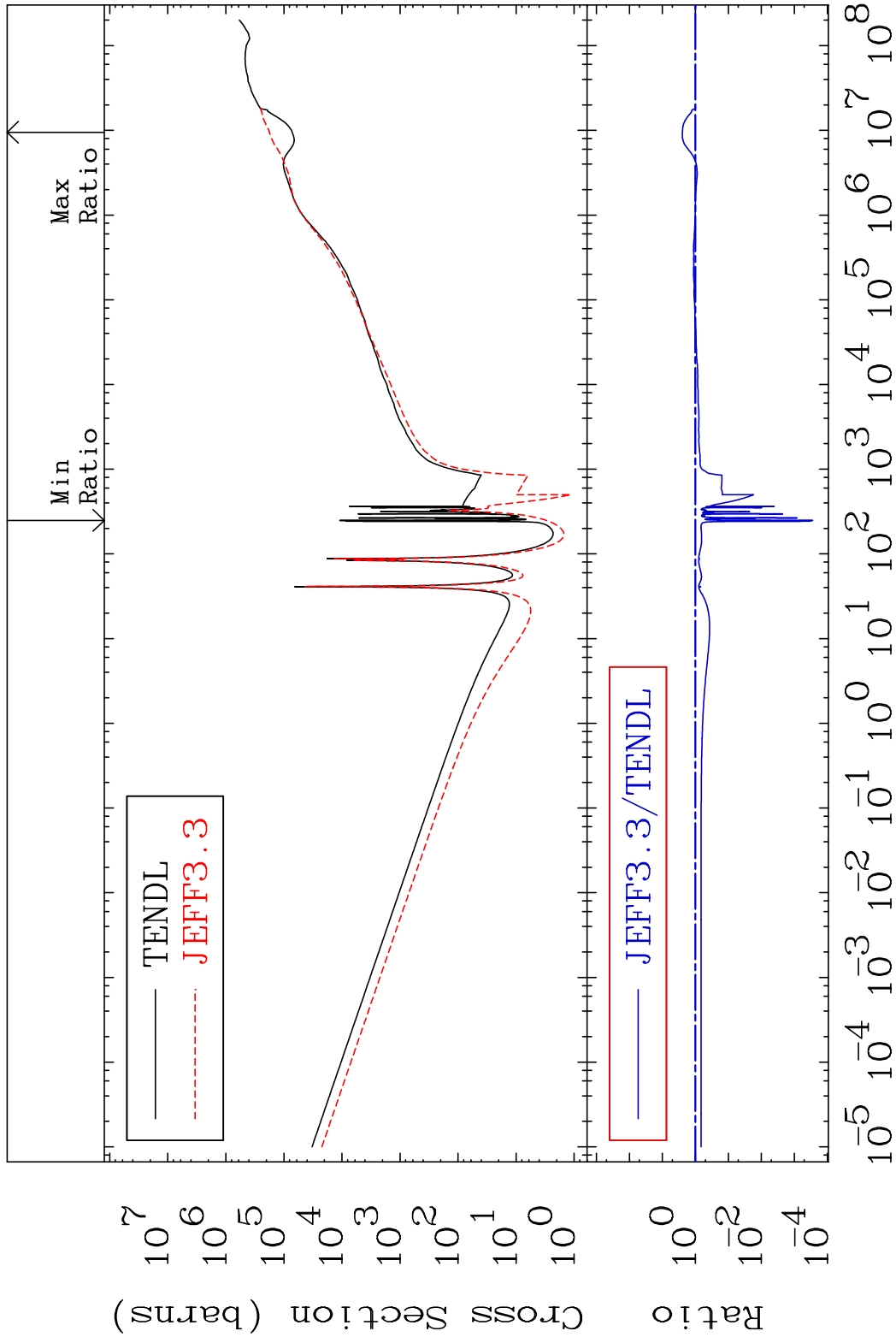


MAT 5931

Dpa total (eV-barns)

59-Pr-143

Cross Section -99.97 To 148.4 %



40

Incident Energy (eV)

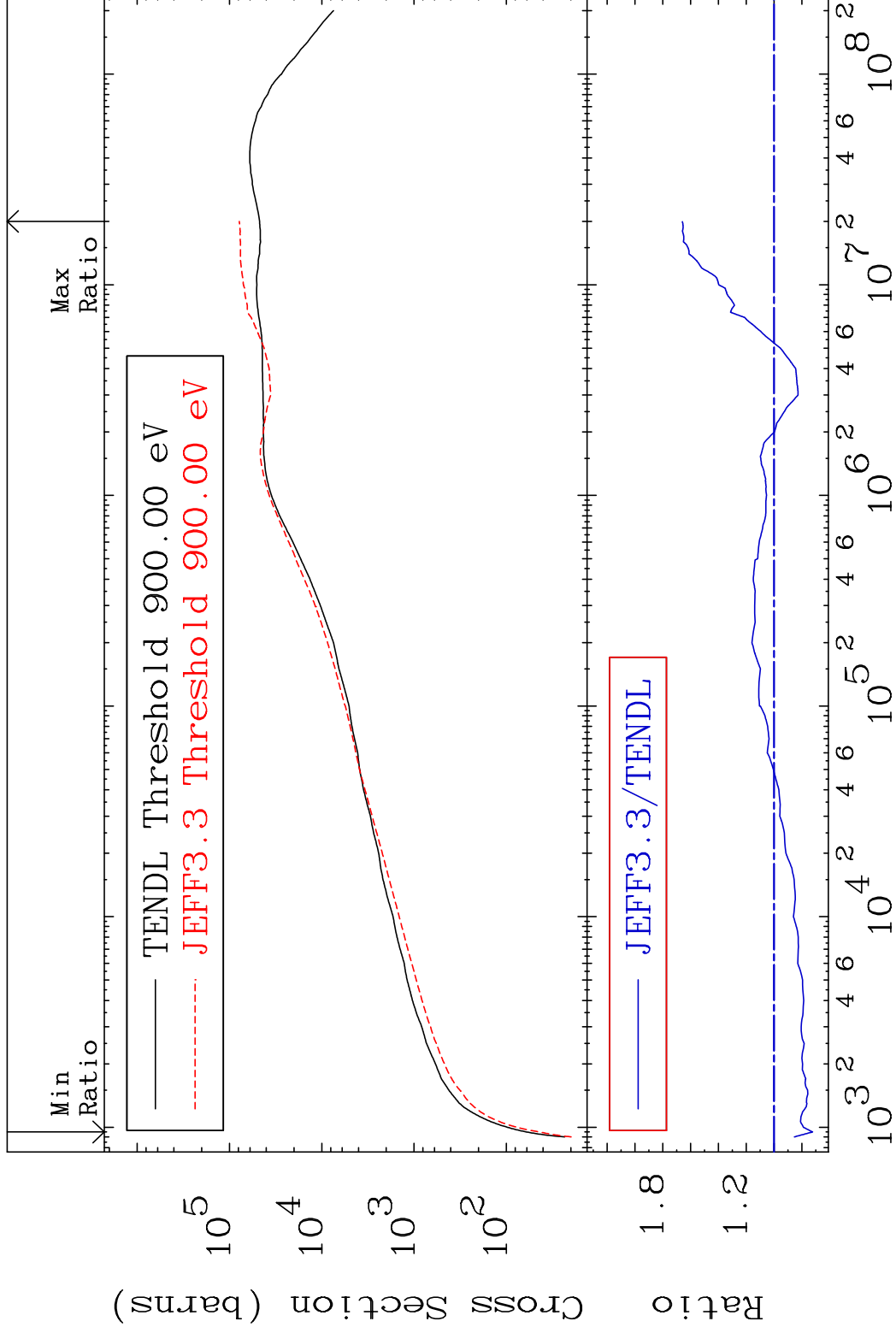
59-Pr-143

MAT 5931

Dpa elastic (mt2)

59-Pr-143

Cross Section -27.71 To 65.93 %



41

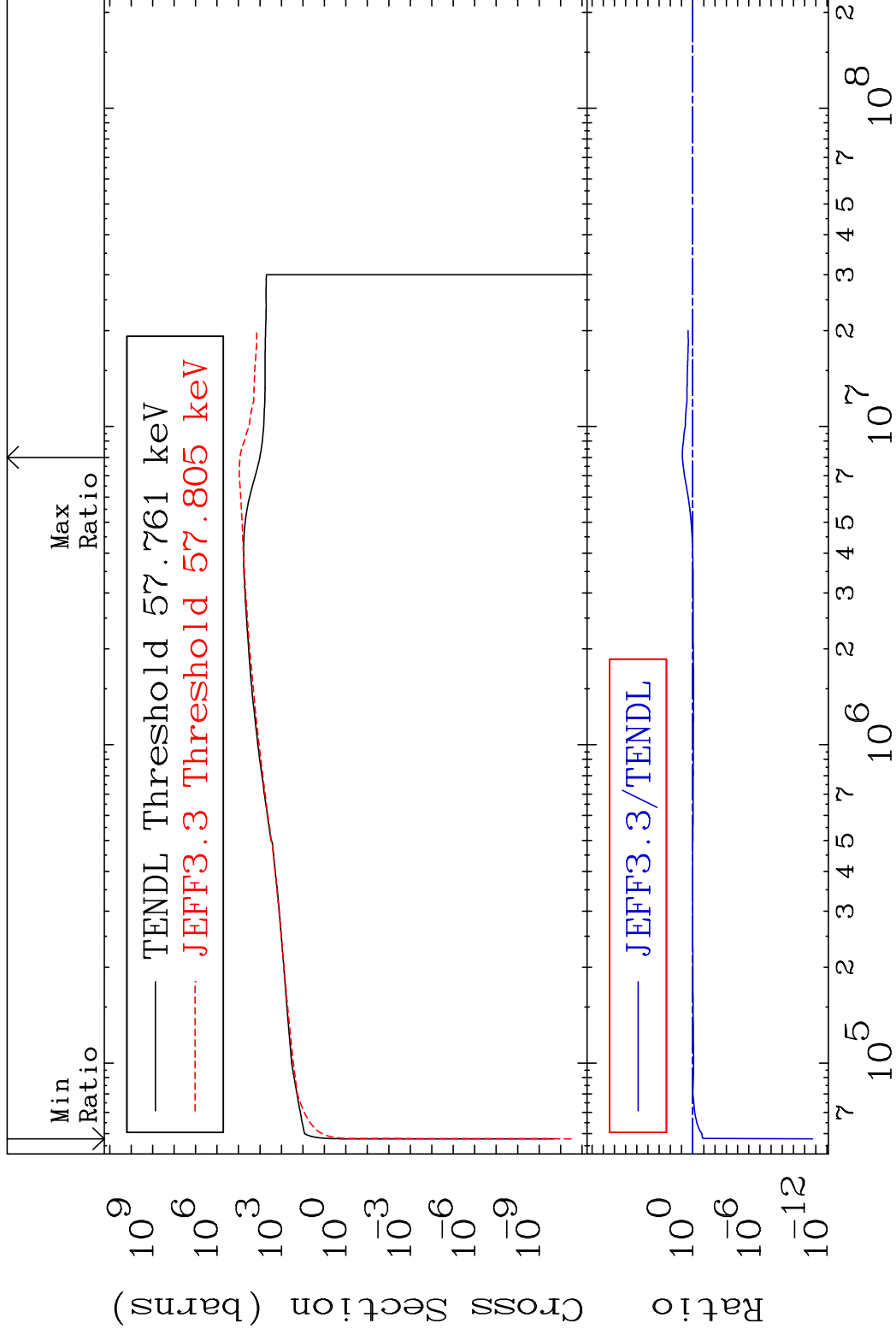
Incident Energy (eV)

59-Pr-143

MAT 5931

Dpa inelastic (mt51-91) 59-Pr-143

Cross Section -100.0 To 752.8 %



42

Incident Energy (eV)

59-Pr-143

MAT 5931 Dpa disappearance (mt102 -120) 59-Pr-143
 Cross Section -99.97 To -4.049%

