

Program Complot
(Version 2021-1)

by

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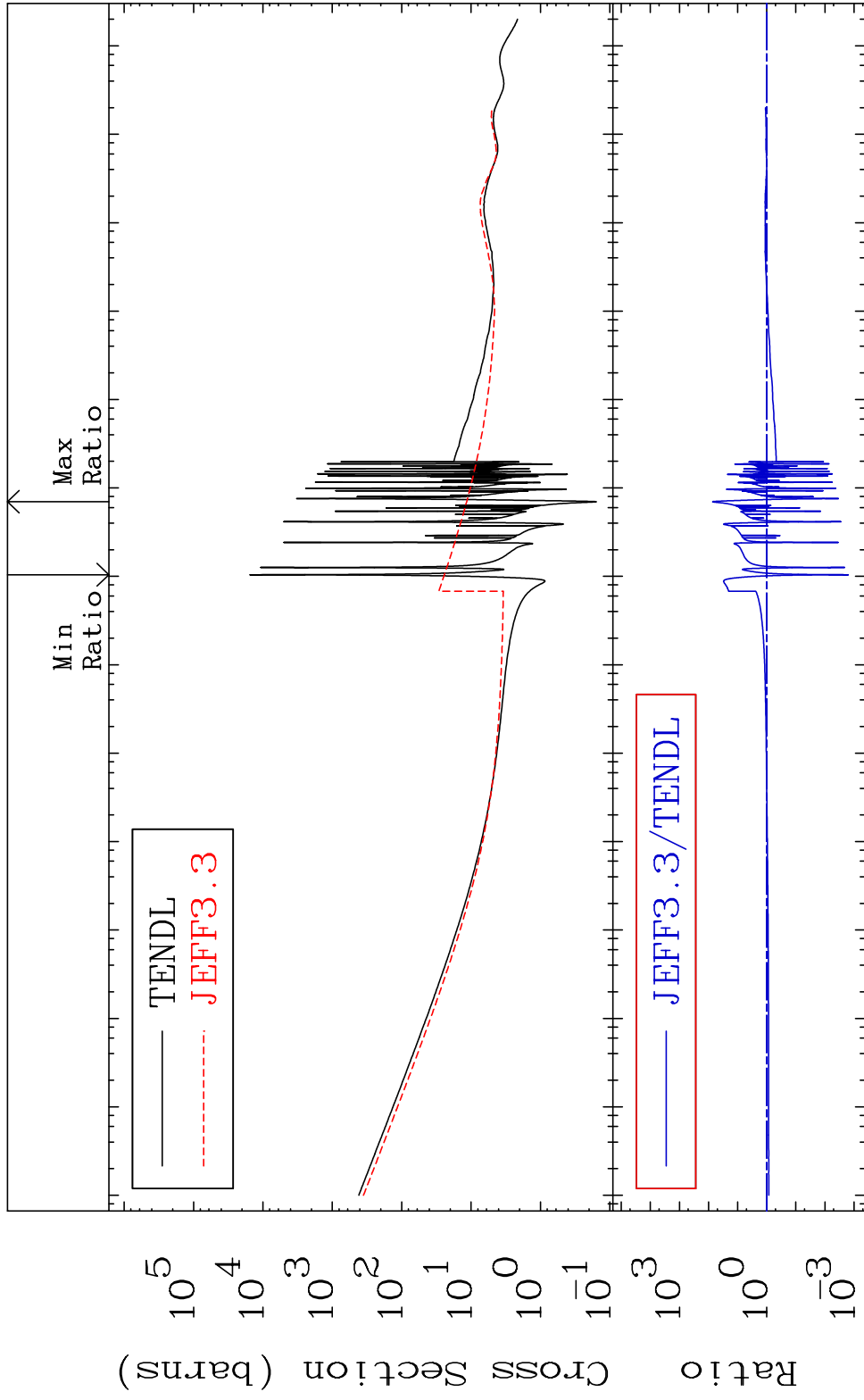
Press Mouse Button to Start

MAT 5631

Total

56-Ba-132

Cross Section -99.84 To 7297. %



1

Incident Energy (eV)

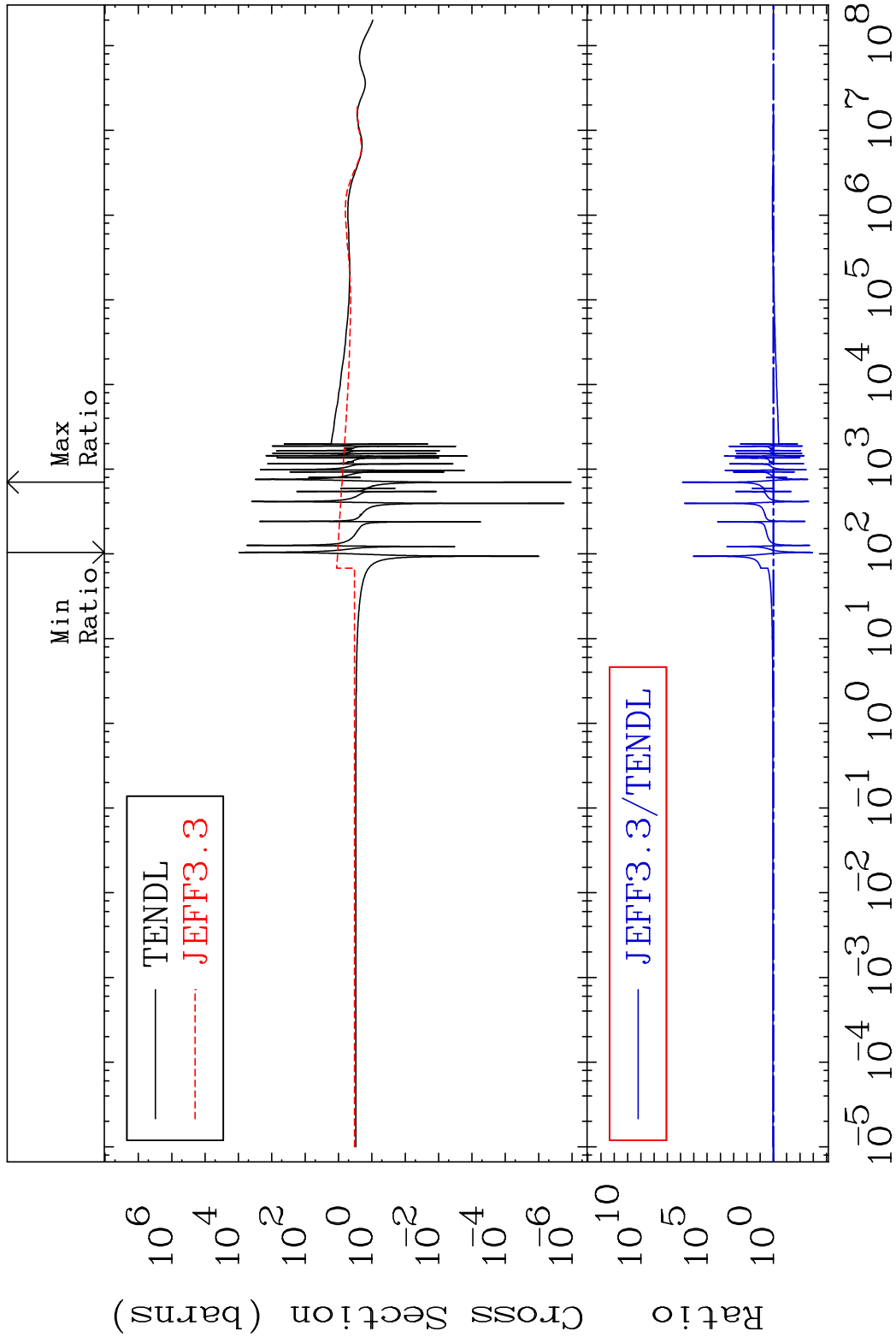
56-Ba-132

MAT 5631

Elastic

56-Ba-132

Cross Section -99.89 To 9999. %

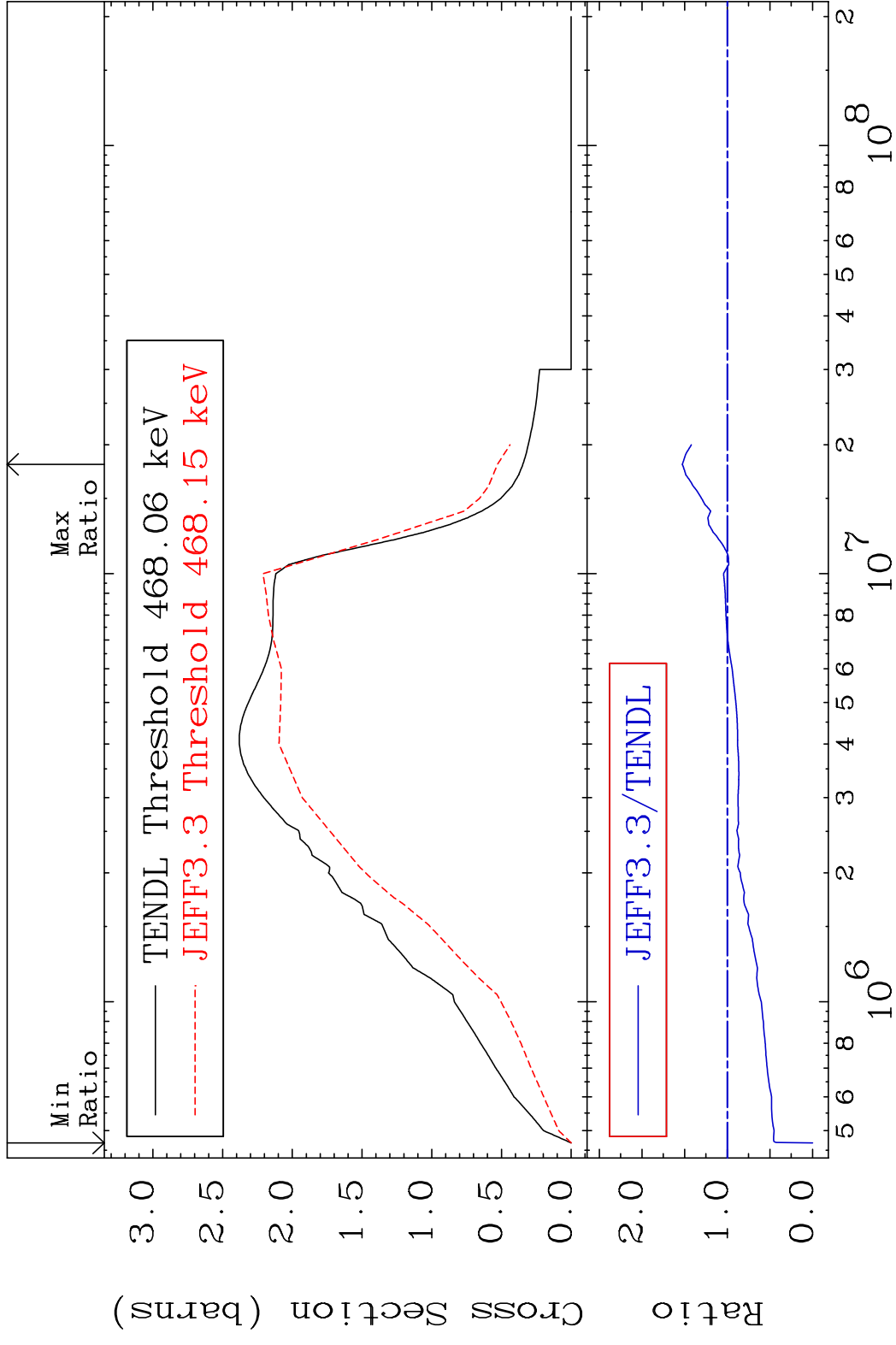


2

Incident Energy (eV)

56-Ba-132

MAT 5631 Inelastic 56-Ba-132
 Cross Section -100.0 To 52.67 %

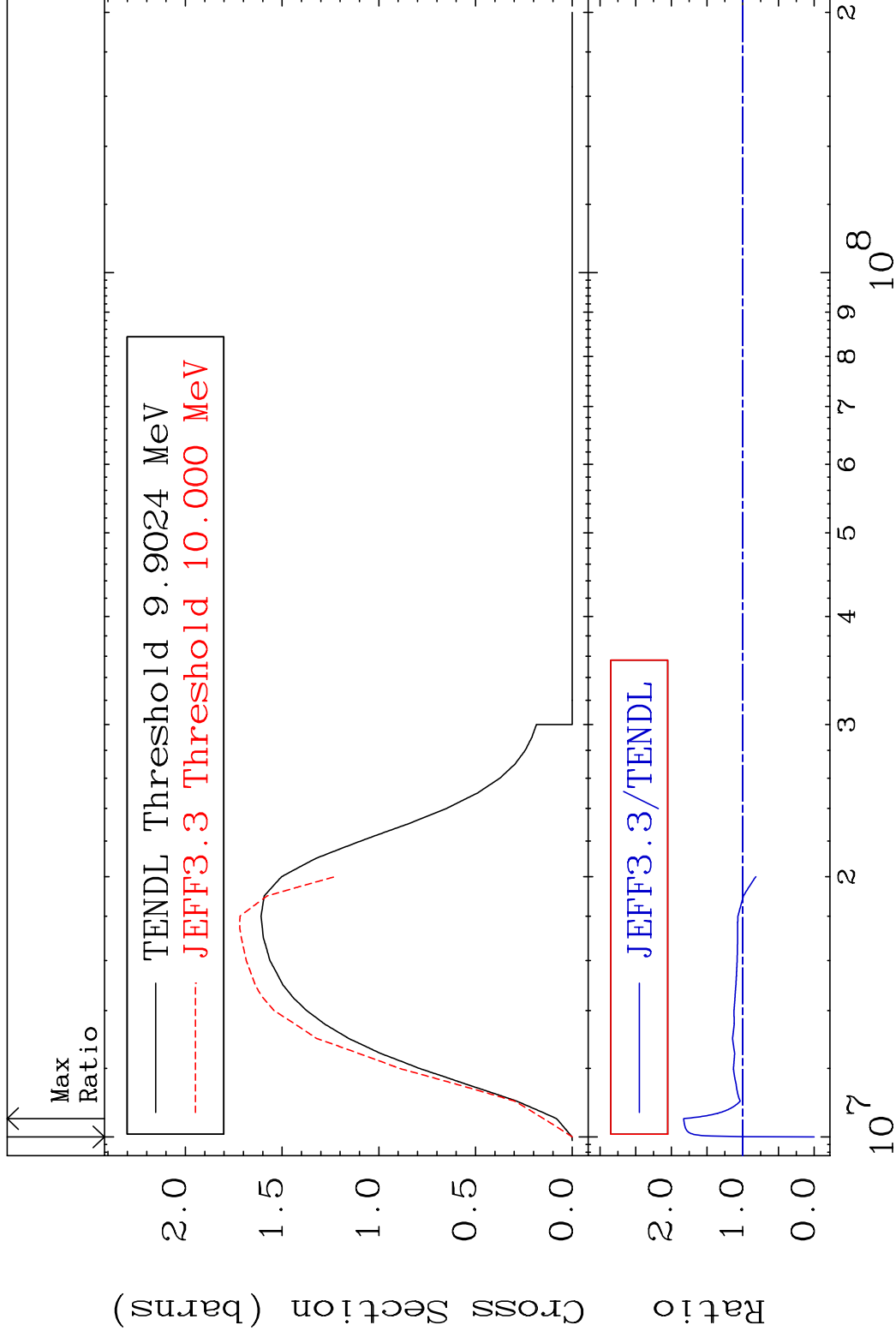


MAT 5631

(n,2n)

56-Ba-132

Cross Section -100.0 To 82.80 %



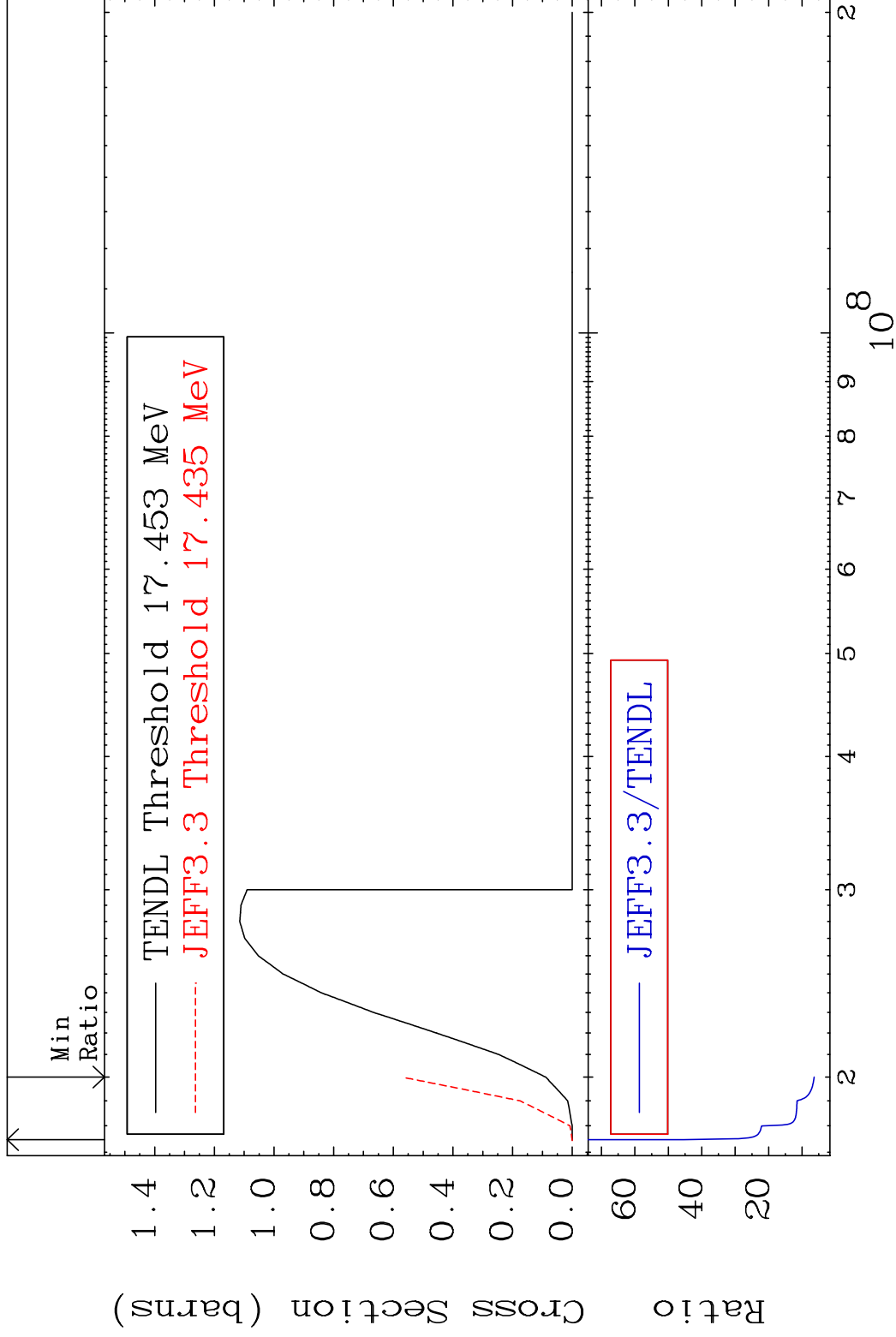
4 Incident Energy (eV) 56-Ba-132

MAT 5631

(n,3n)

56-Ba-132

Cross Section 540.5 To 4441. %



5

Incident Energy (eV)

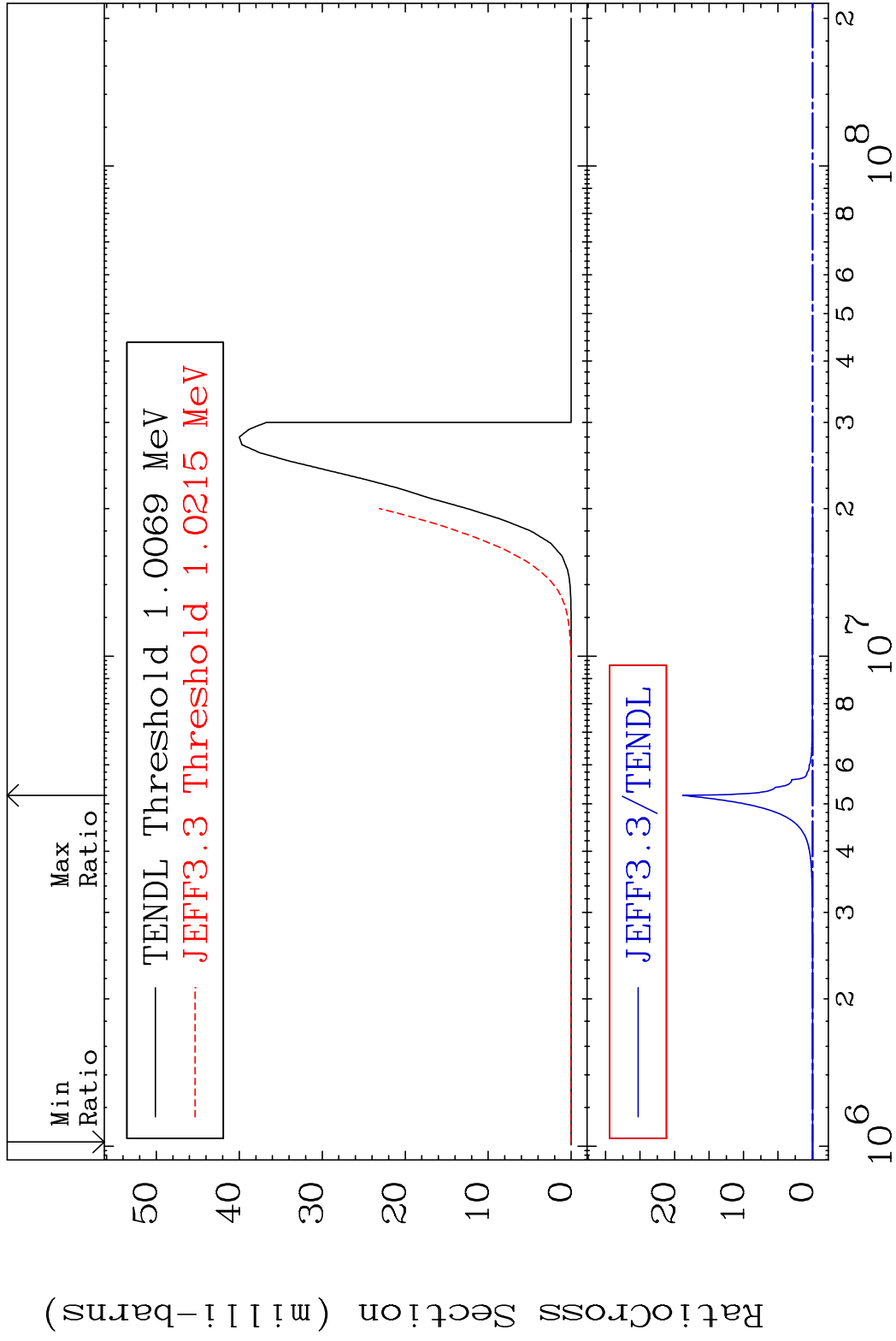
56-Ba-132

MAT 5631

(n, n') α

56-Ba-132

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

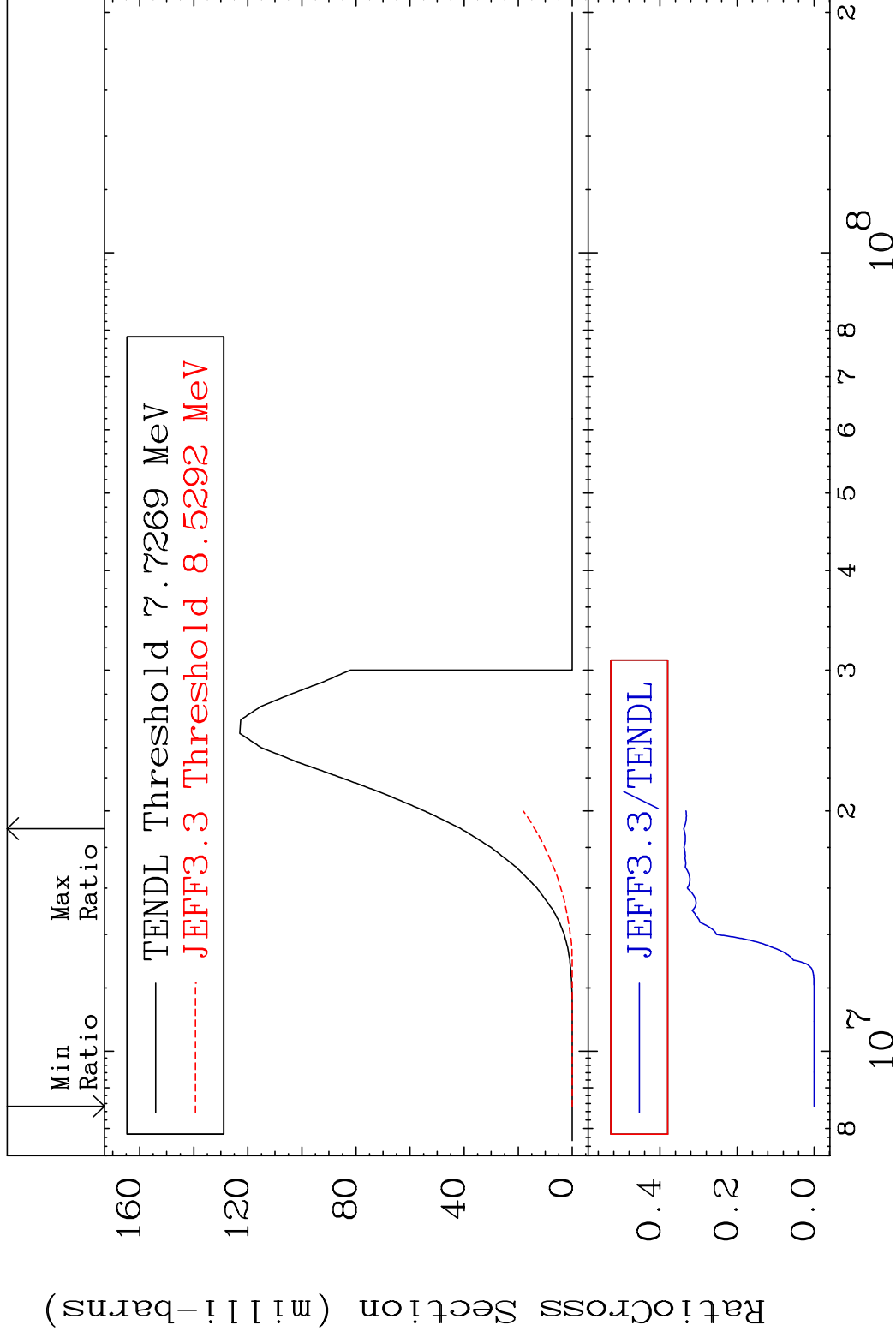
56-Ba-132

MAT 5631

(n, n') p

56-Ba-132

Cross Section -100.0 To -66.14%

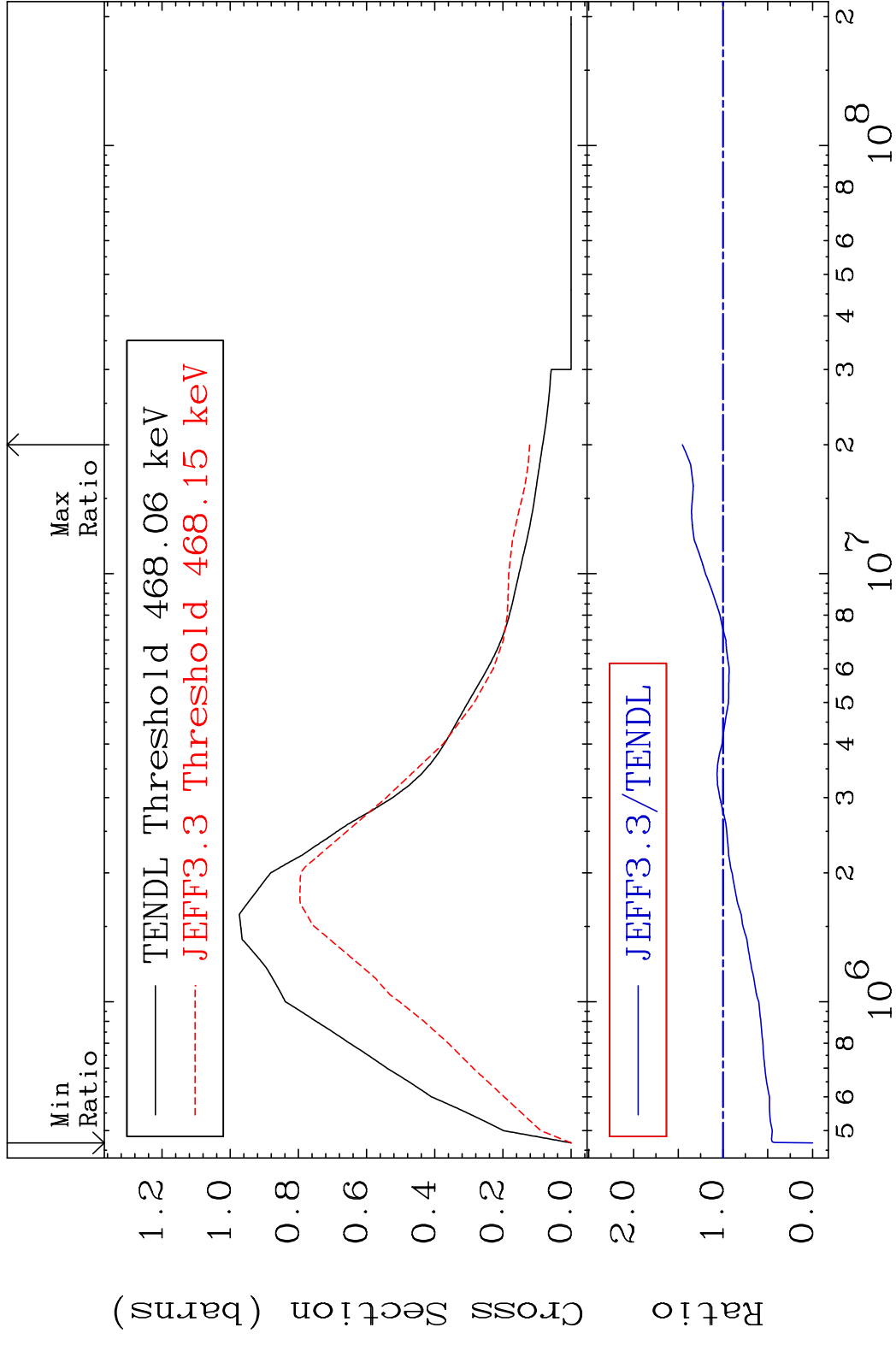


7

Incident Energy (eV)

56-Ba-132

MAT 5631 MT= 51 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 45.43 %

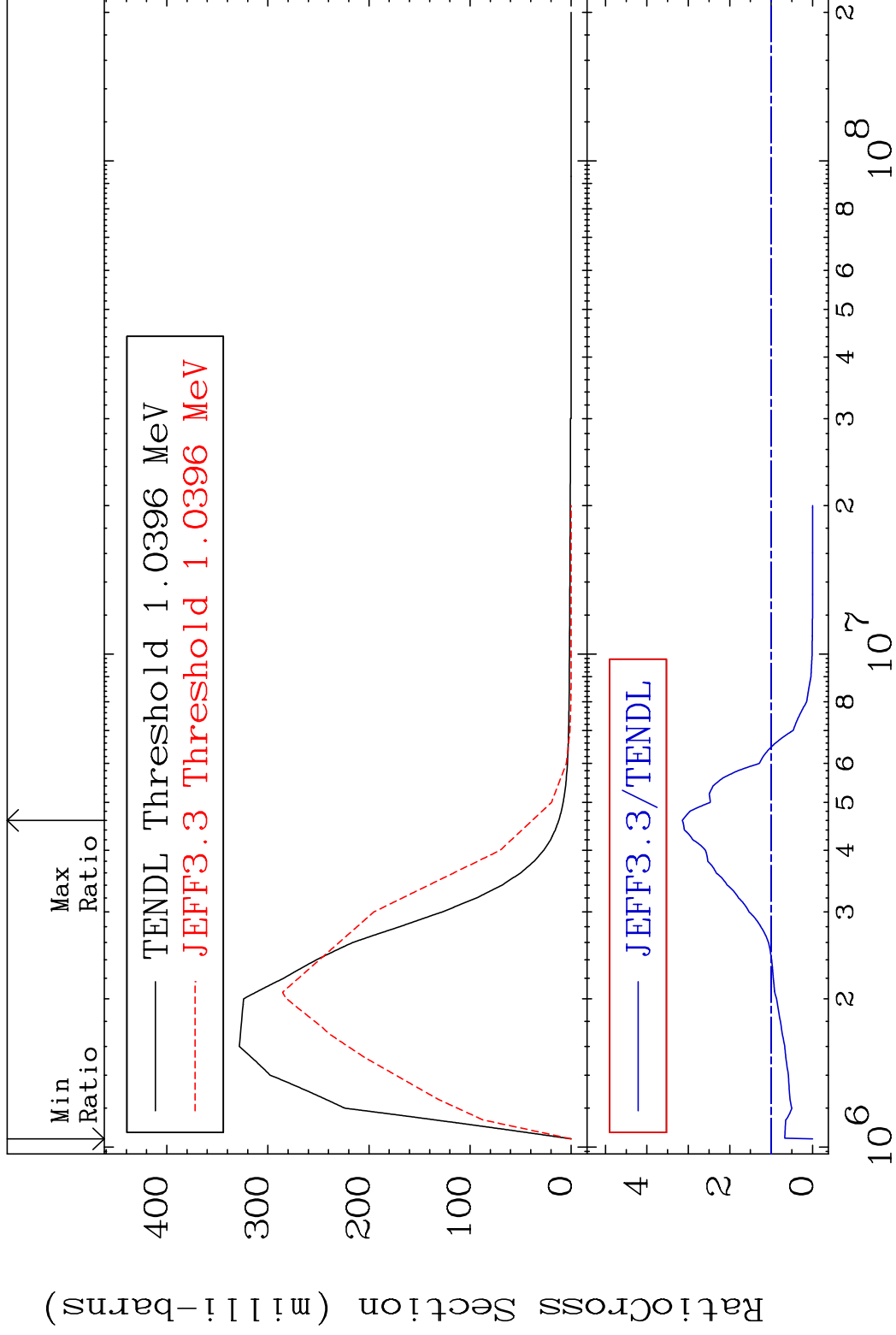


MAT 5631

MT= 52 (n, n') Level

56-Ba-132

Cross Section -100.0 To 214.4 %

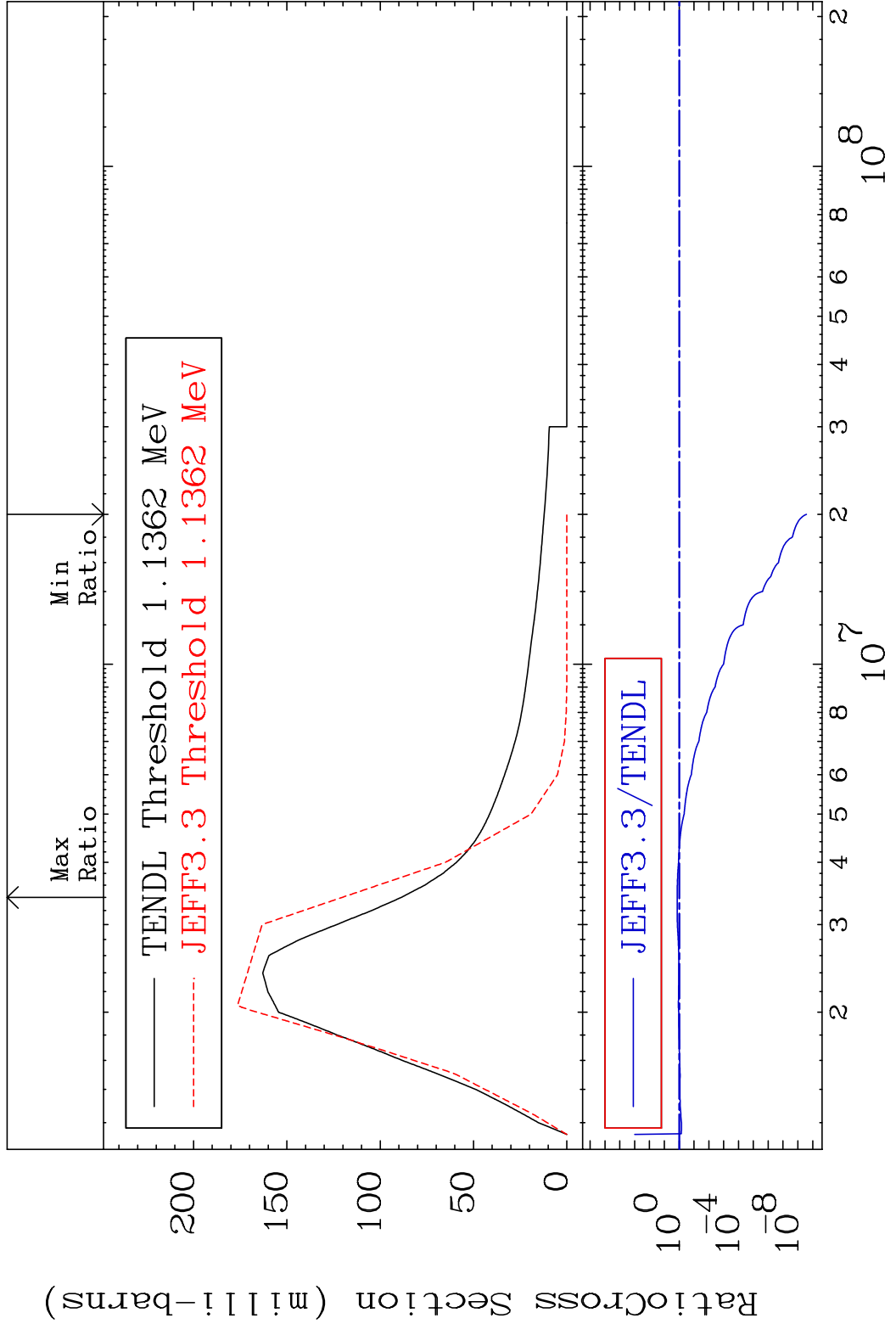


9

Incident Energy (eV)

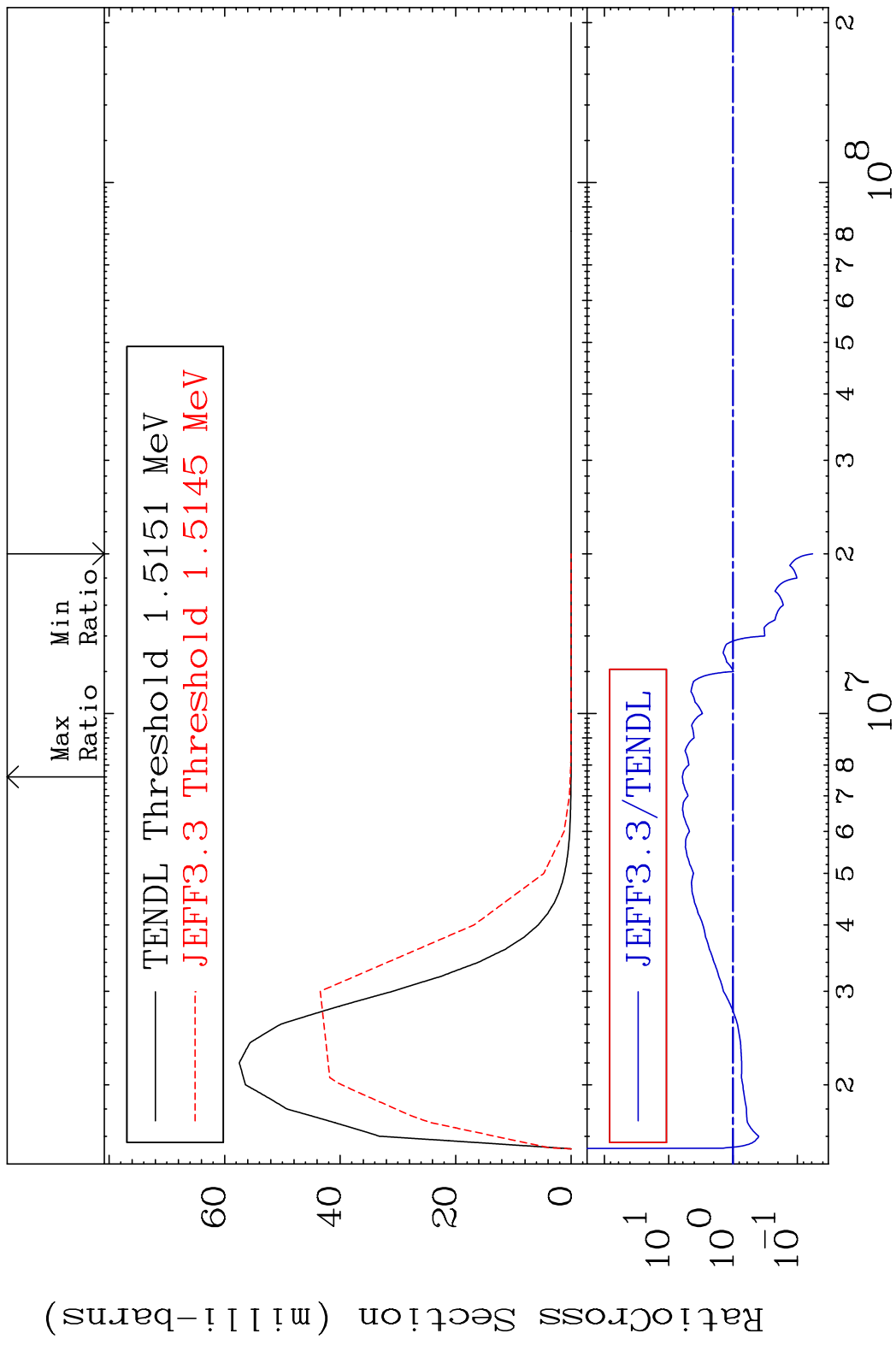
56-Ba-132

MAT 5631 MT= 53 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 35.88 %

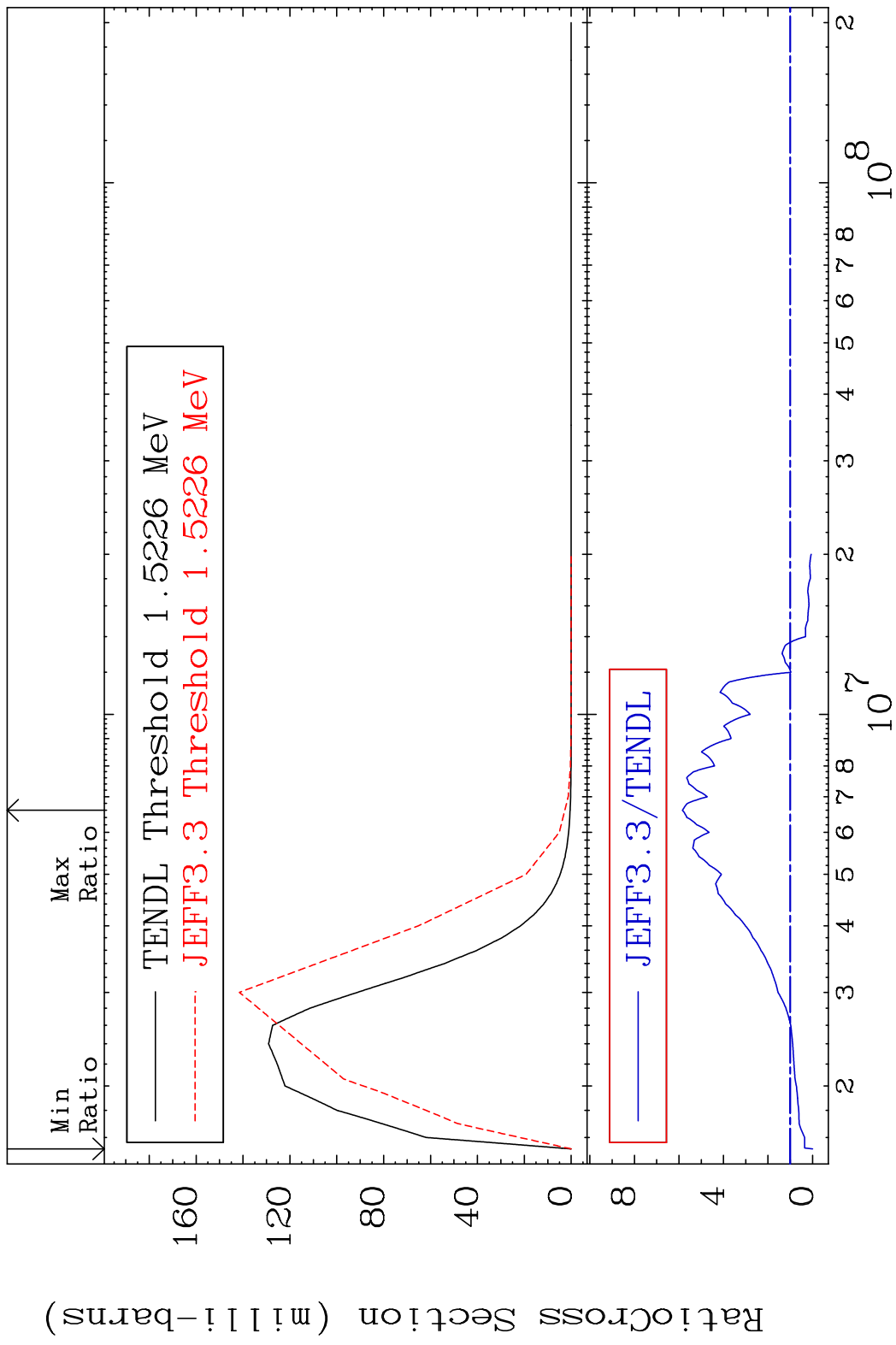


10 Incident Energy (eV) 56-Ba-132

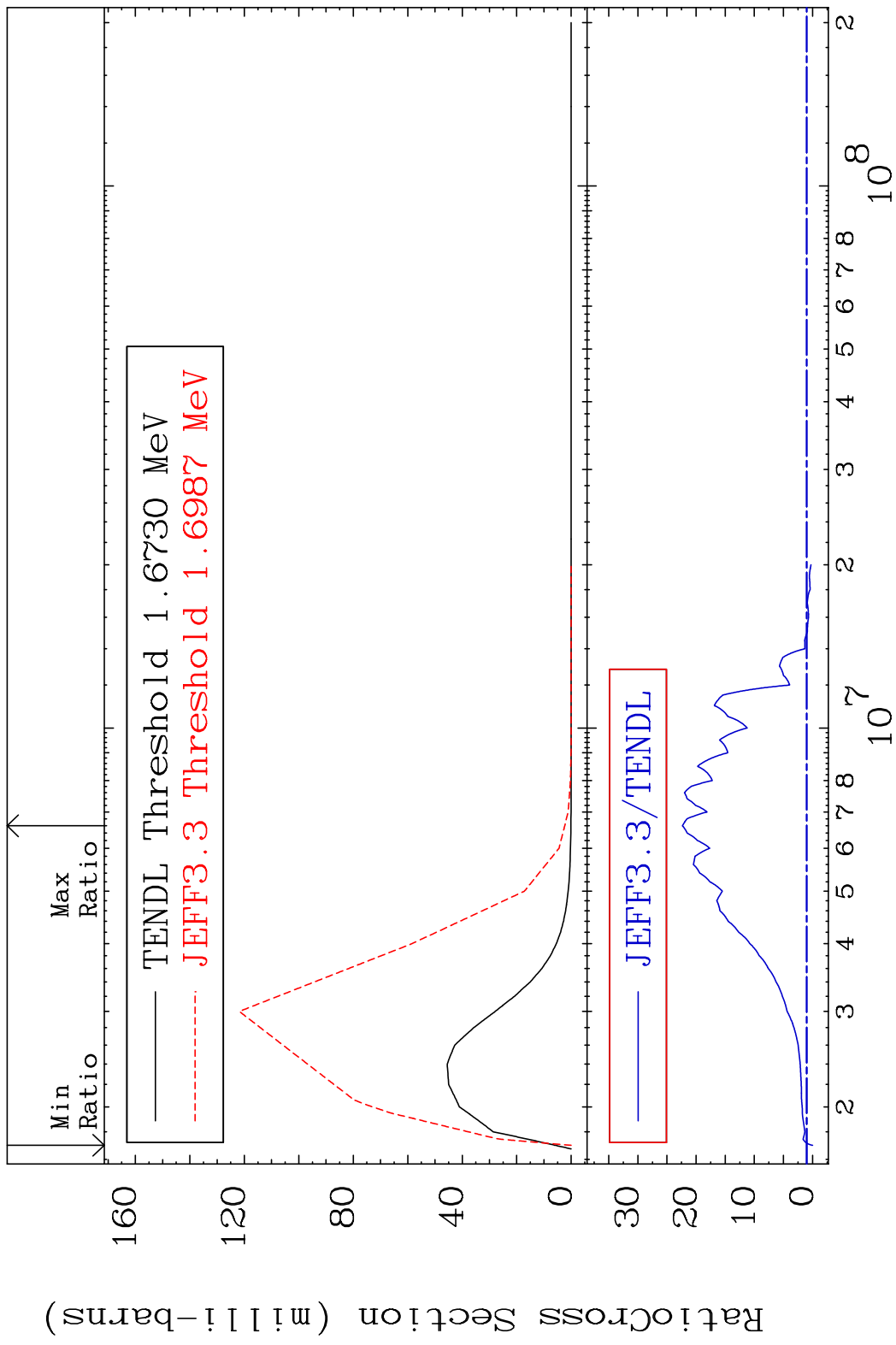
MAT 5631 MT= 54 (n,n') Level 56-Ba-132
 Cross Section -94.20 To 512.6 %



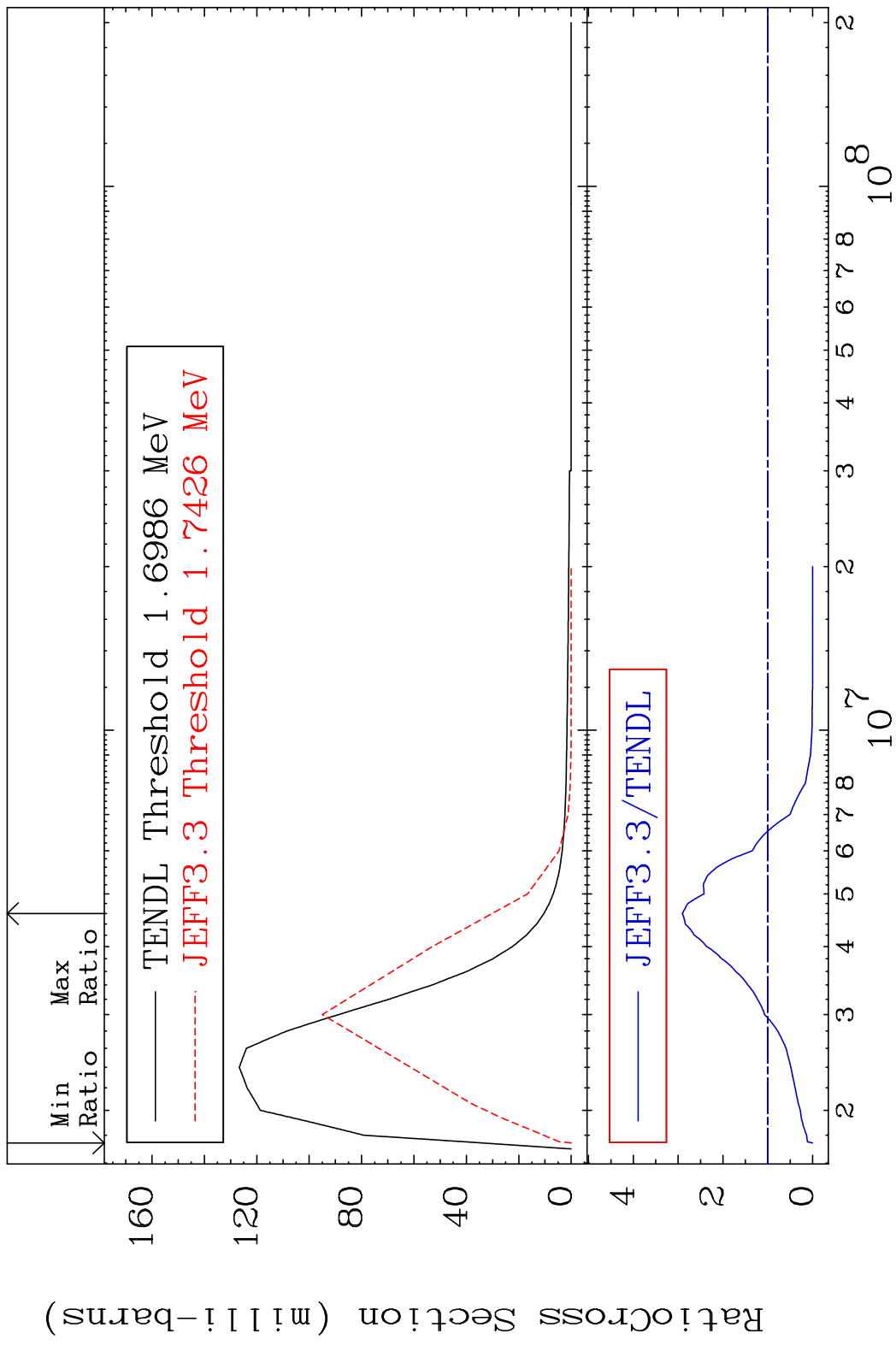
MAT 5631 MT= 55 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 484.7 %



MAT 5631 MT= 56 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 2136. %



MAT 5631 MT= 57 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 190.5 %

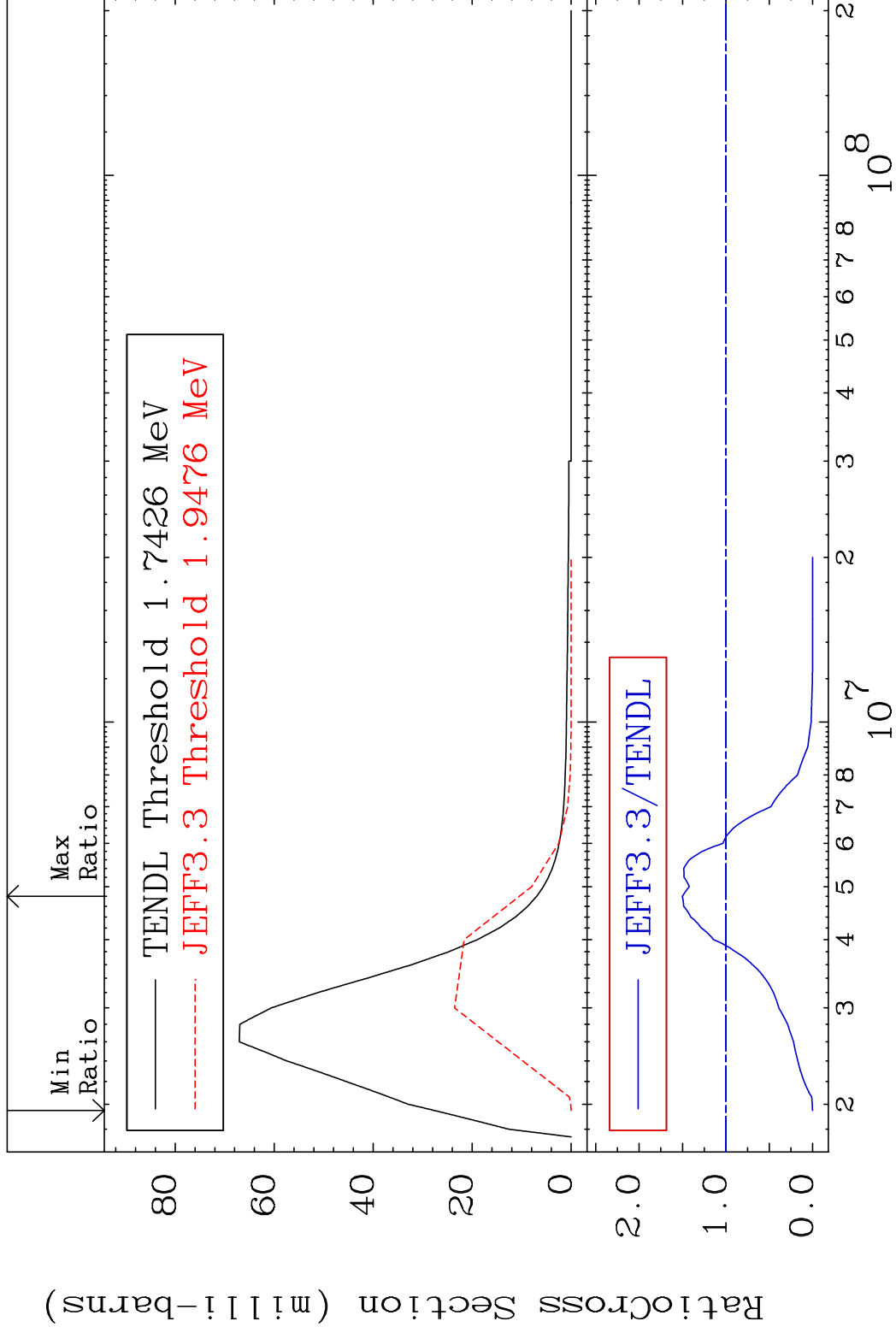


MAT 5631

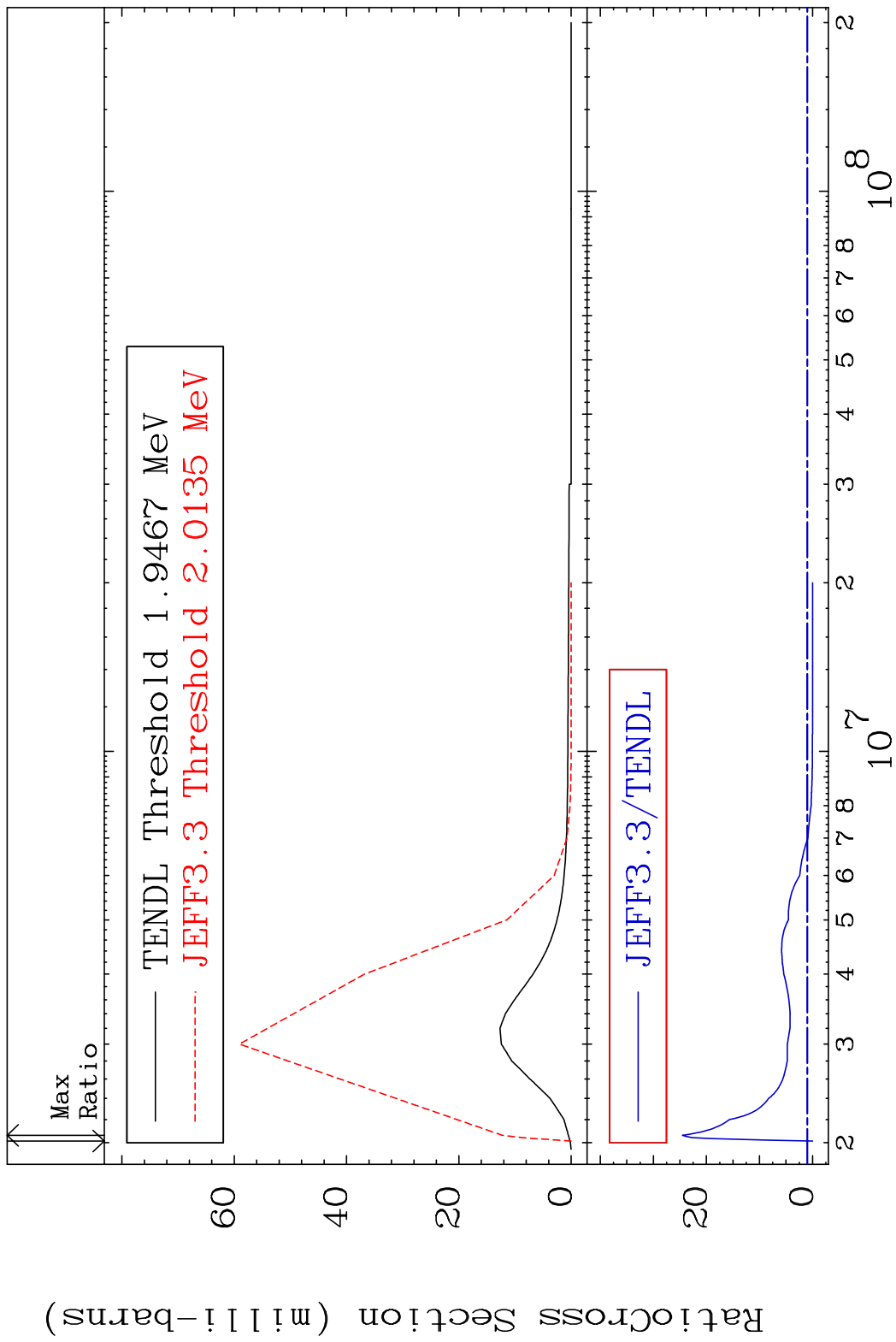
MT= 58 (n,n') Level

56-Ba-132

Cross Section -100.0 To 50.18 %

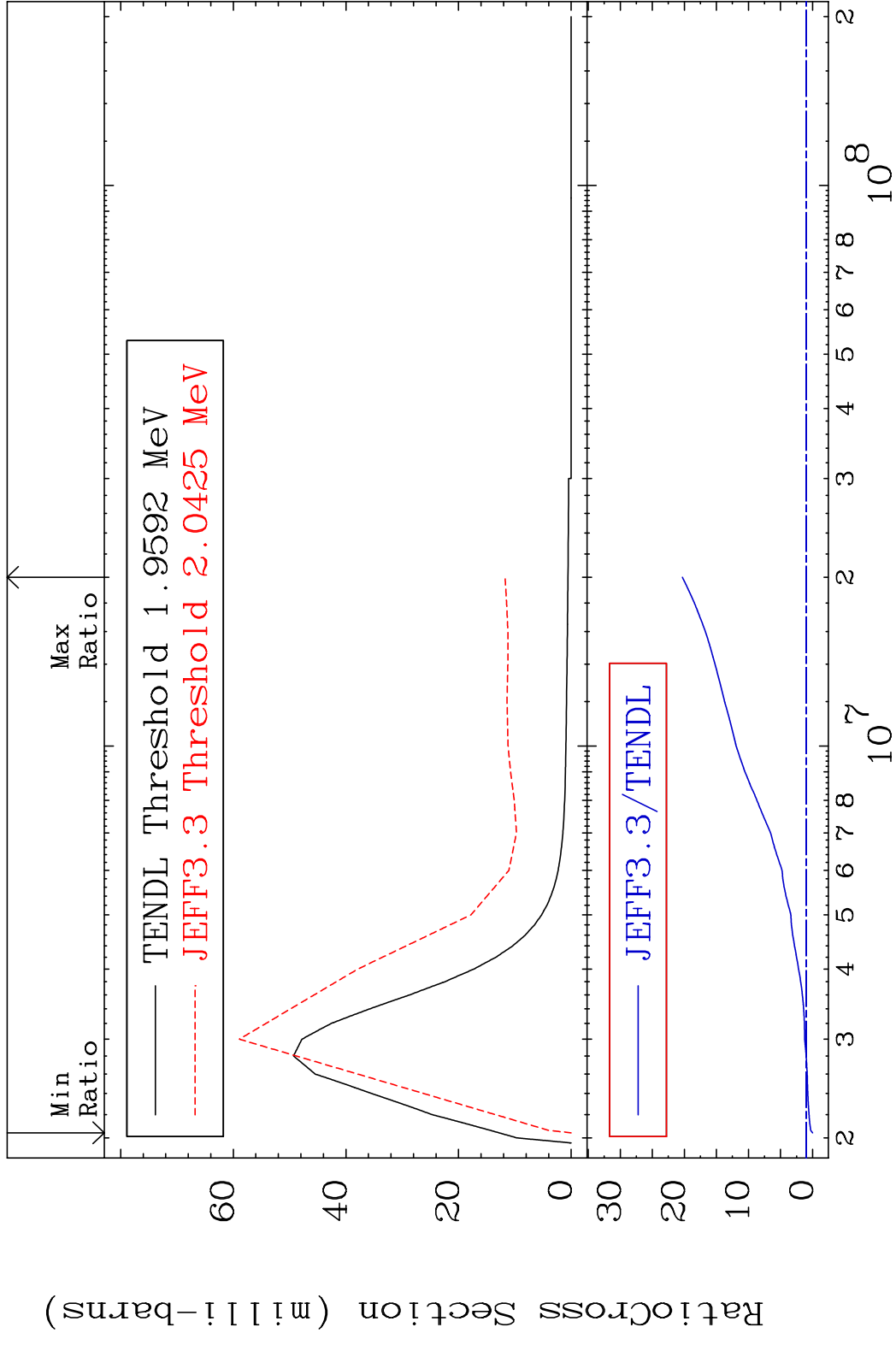


MAT 5631 MT= 59 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 2354. %



16 Incident Energy (eV) 56-Ba-132

MAT 5631 MT= 60 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 1931. %

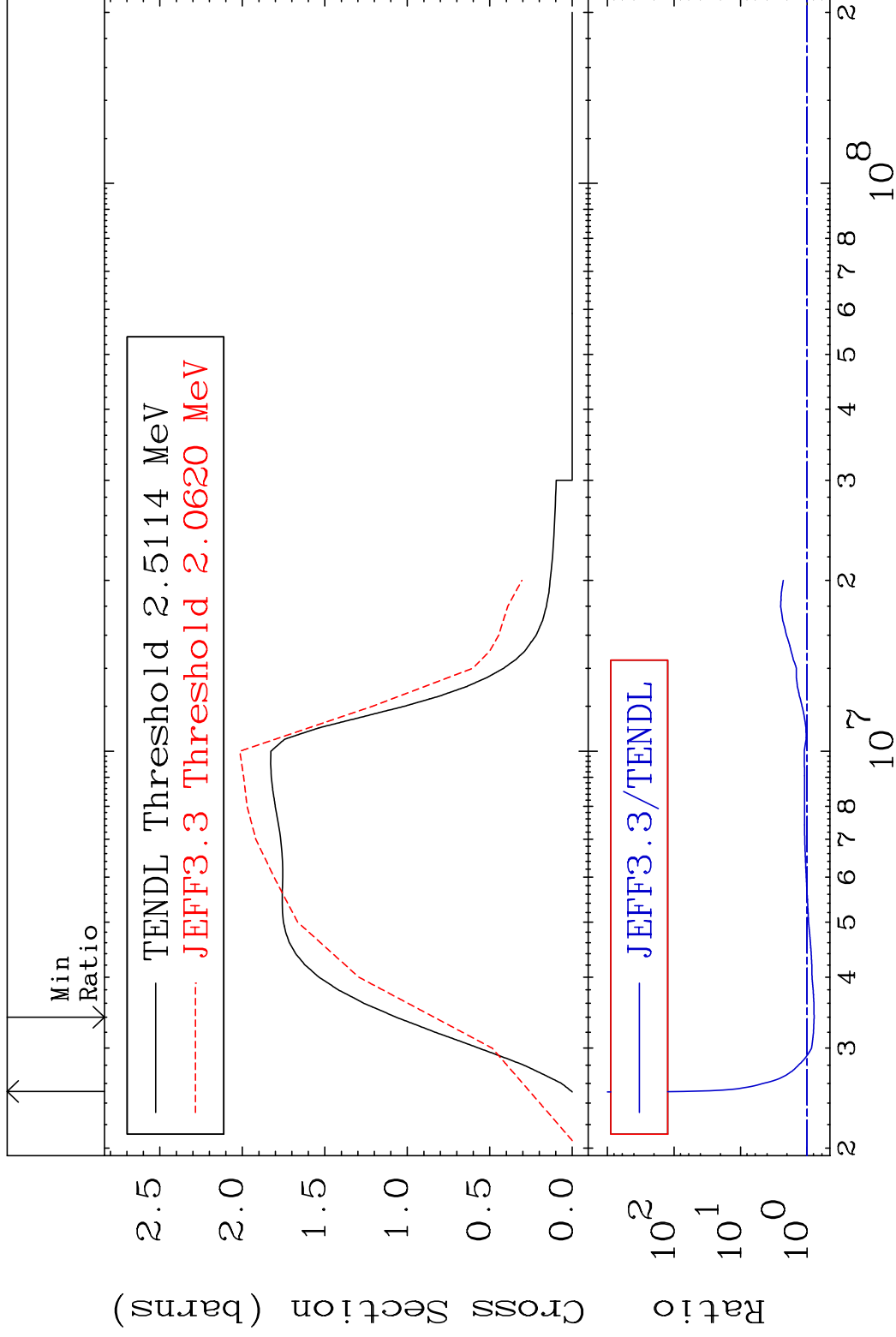


MAT 5631

(n, n') Continuum

56-Ba-132

Cross Section -21.60 To 7057. %

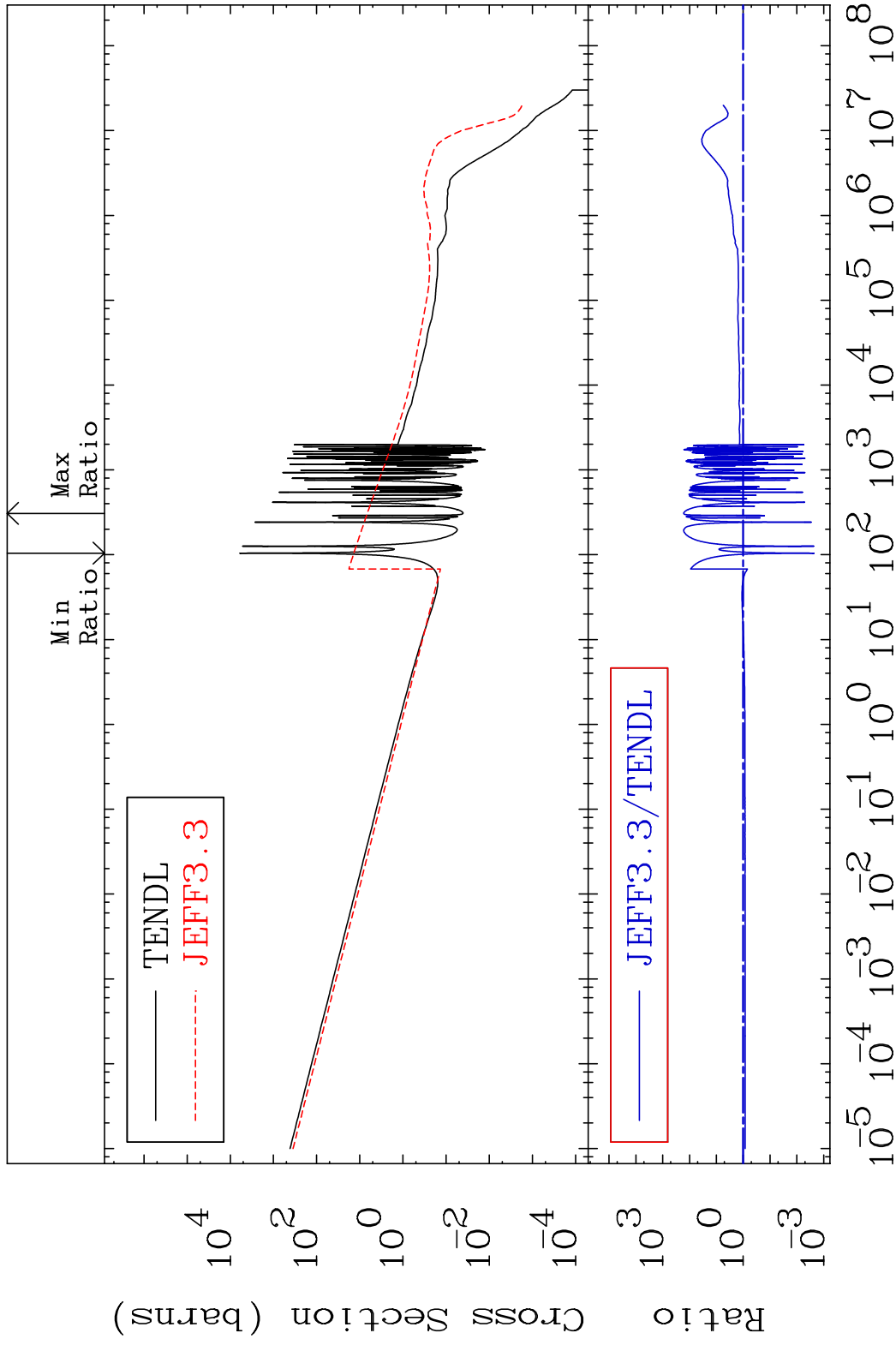


MAT 5631

(n, γ)

56-Ba-132

Cross Section -99.777 To 9999. %

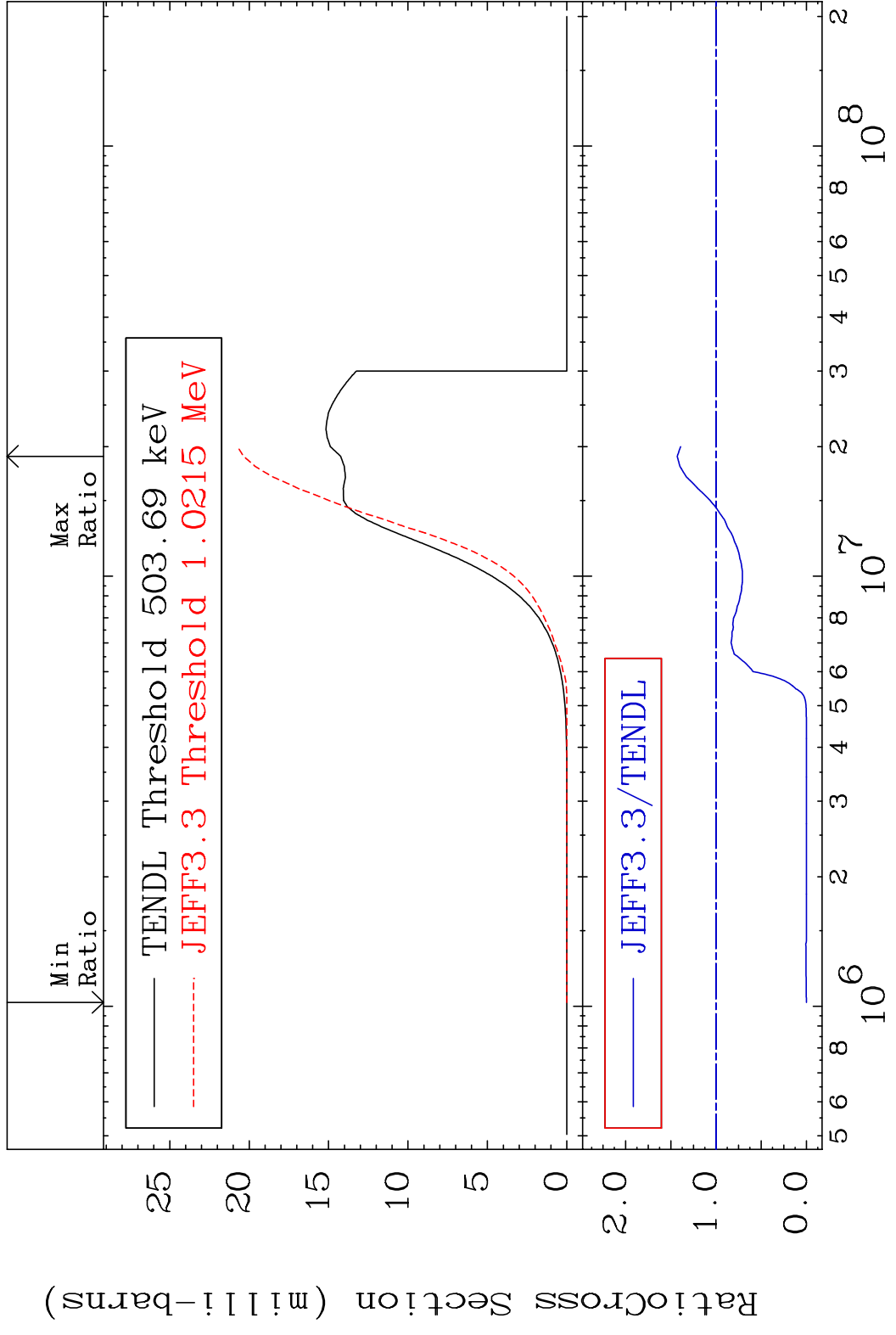


19

Incident Energy (eV)

56-Ba-132

MAT 5631 (n,p) 56-Ba-132
 Cross Section -100.0 To 42.98 %



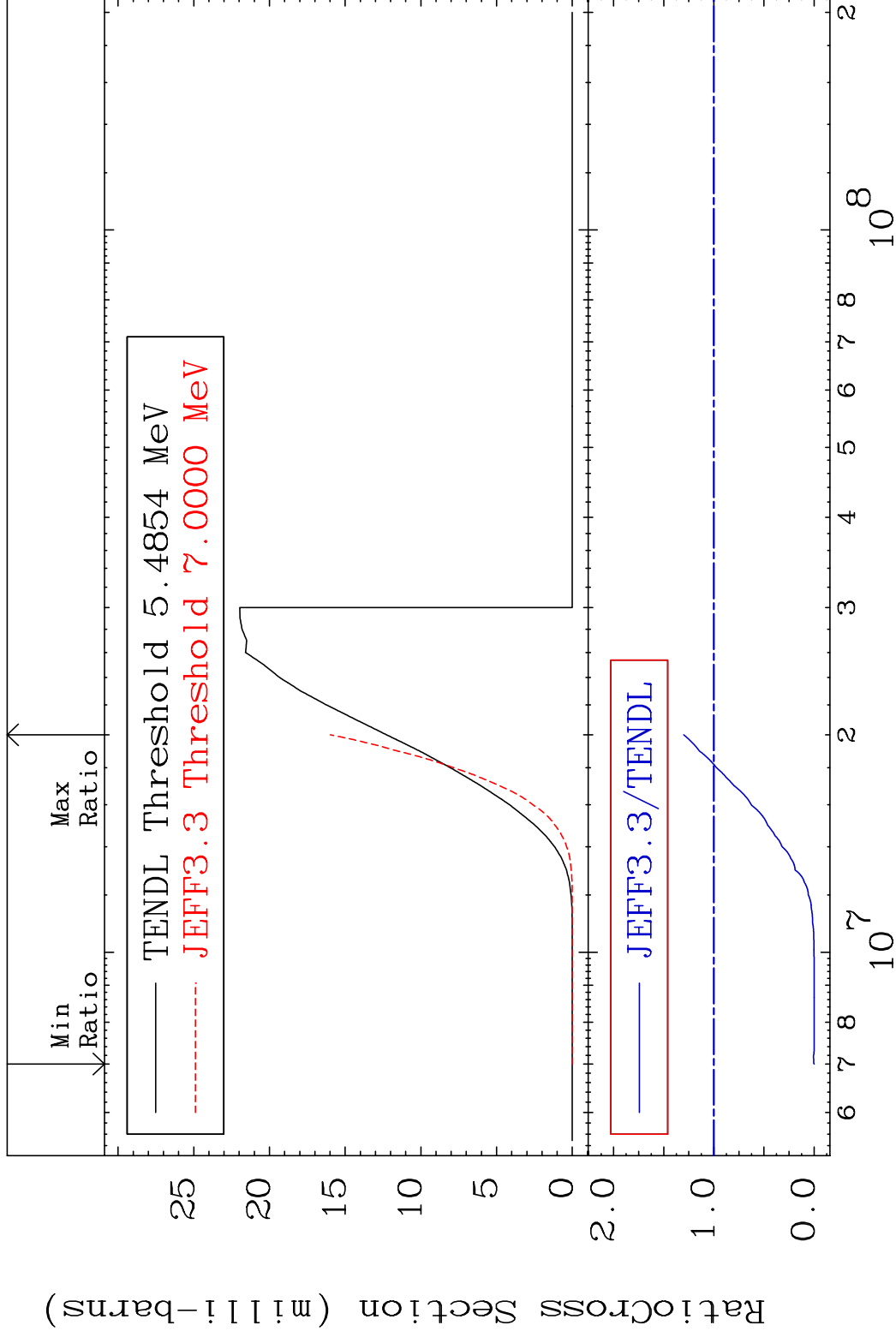
20 56-Ba-132

MAT 5631

(n, d)

56-Ba-132

Cross Section -100.0 To 30.16 %



21

Incident Energy (eV)

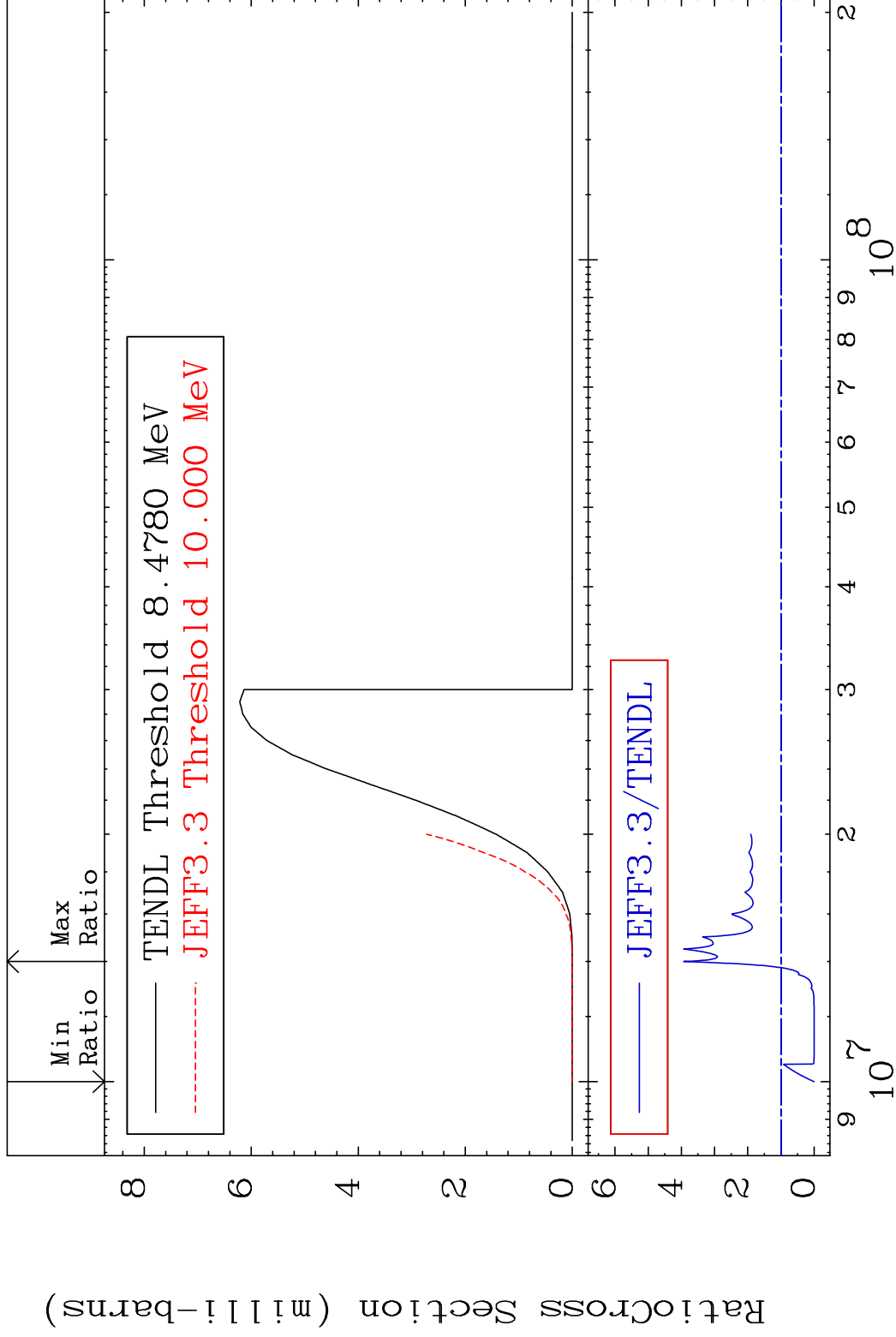
56-Ba-132

MAT 5631

(n, t)

56-Ba-132

Cross Section -100.0 To 293.1 %



22

Incident Energy (eV)

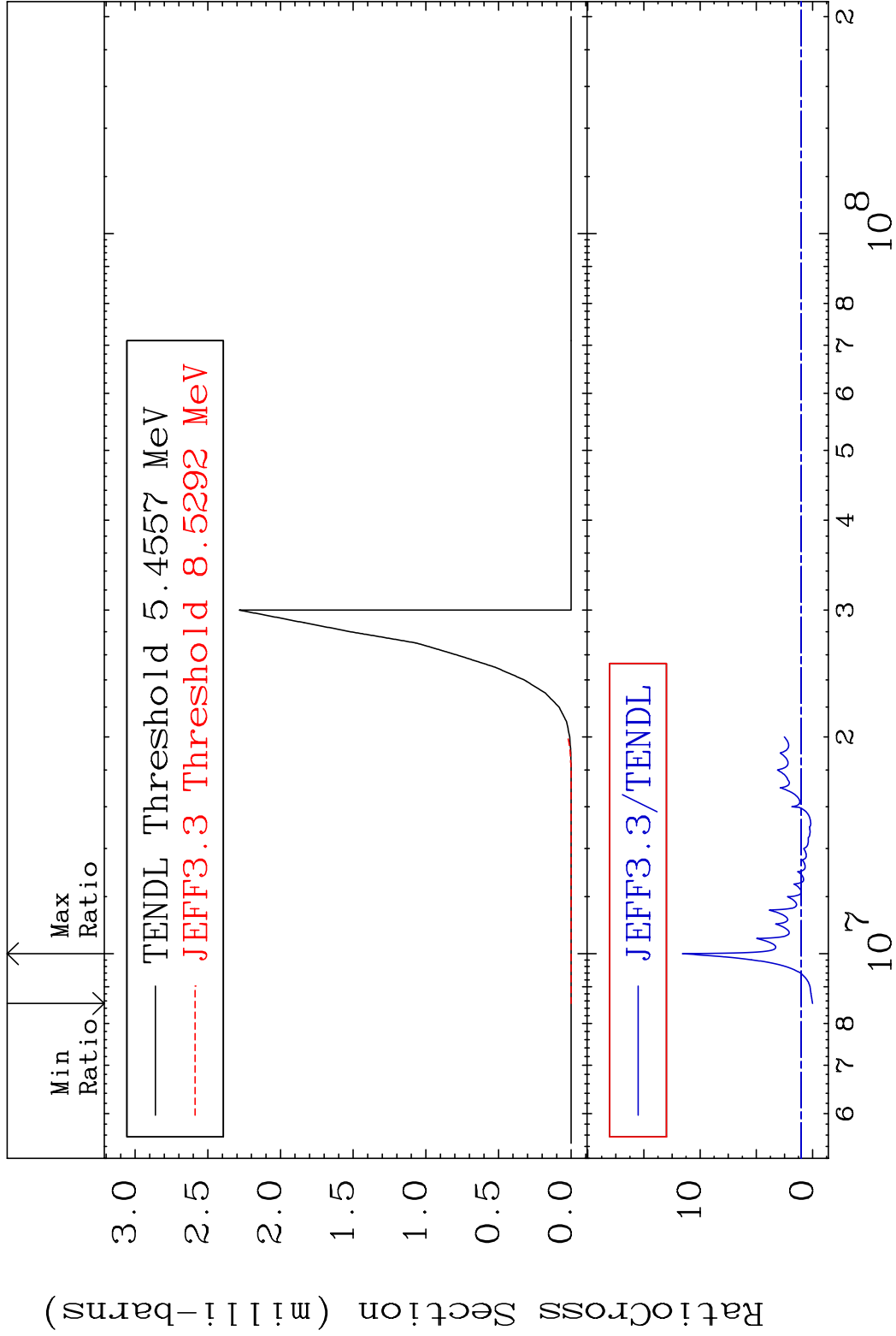
56-Ba-132

MAT 5631

(n, He-3)

56-Ba-132

Cross Section -100.0 To 1058. %

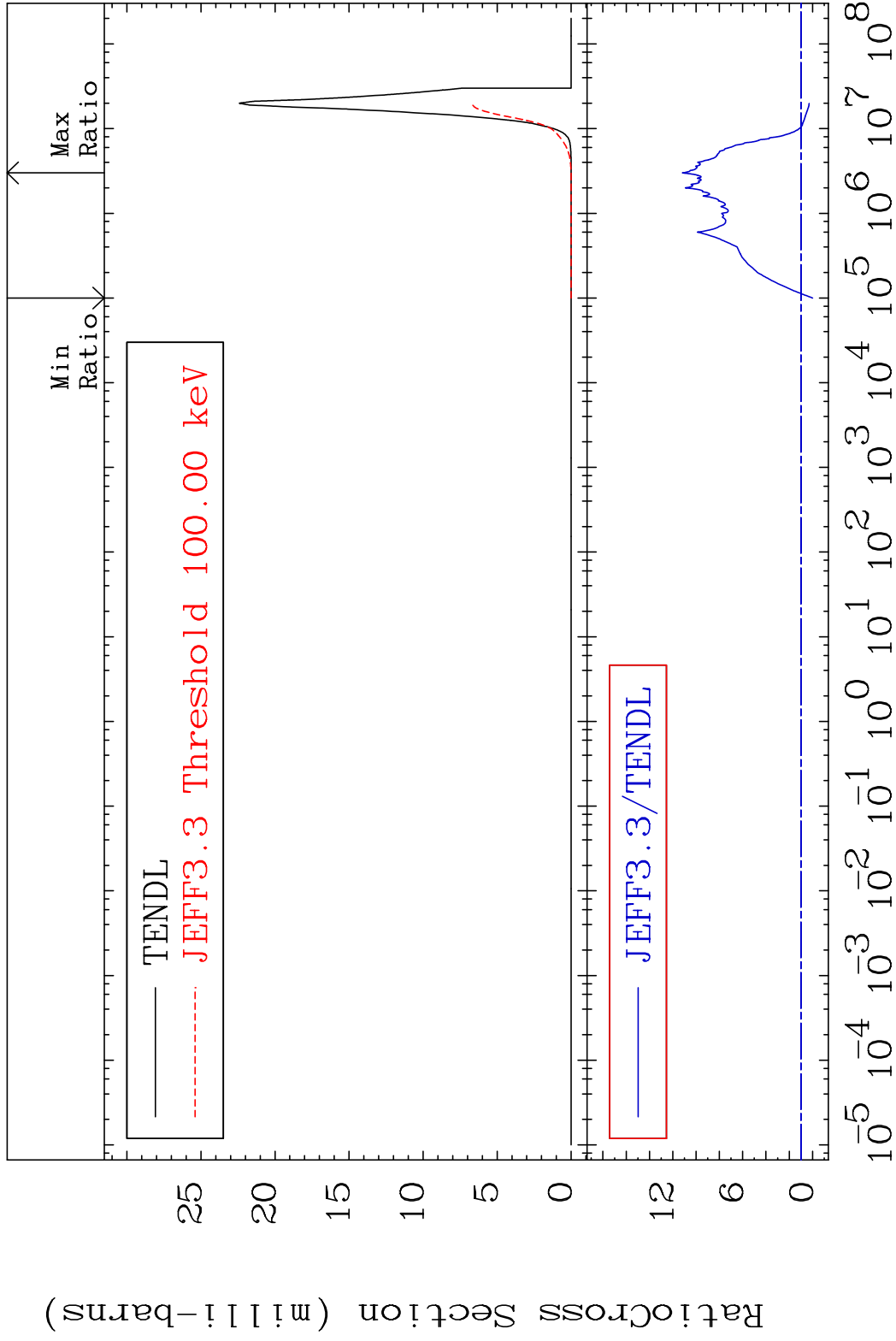


MAT 5631

(n, α)

56-Ba-132

Cross Section -100.0 To 1018. %



24

Incident Energy (eV)

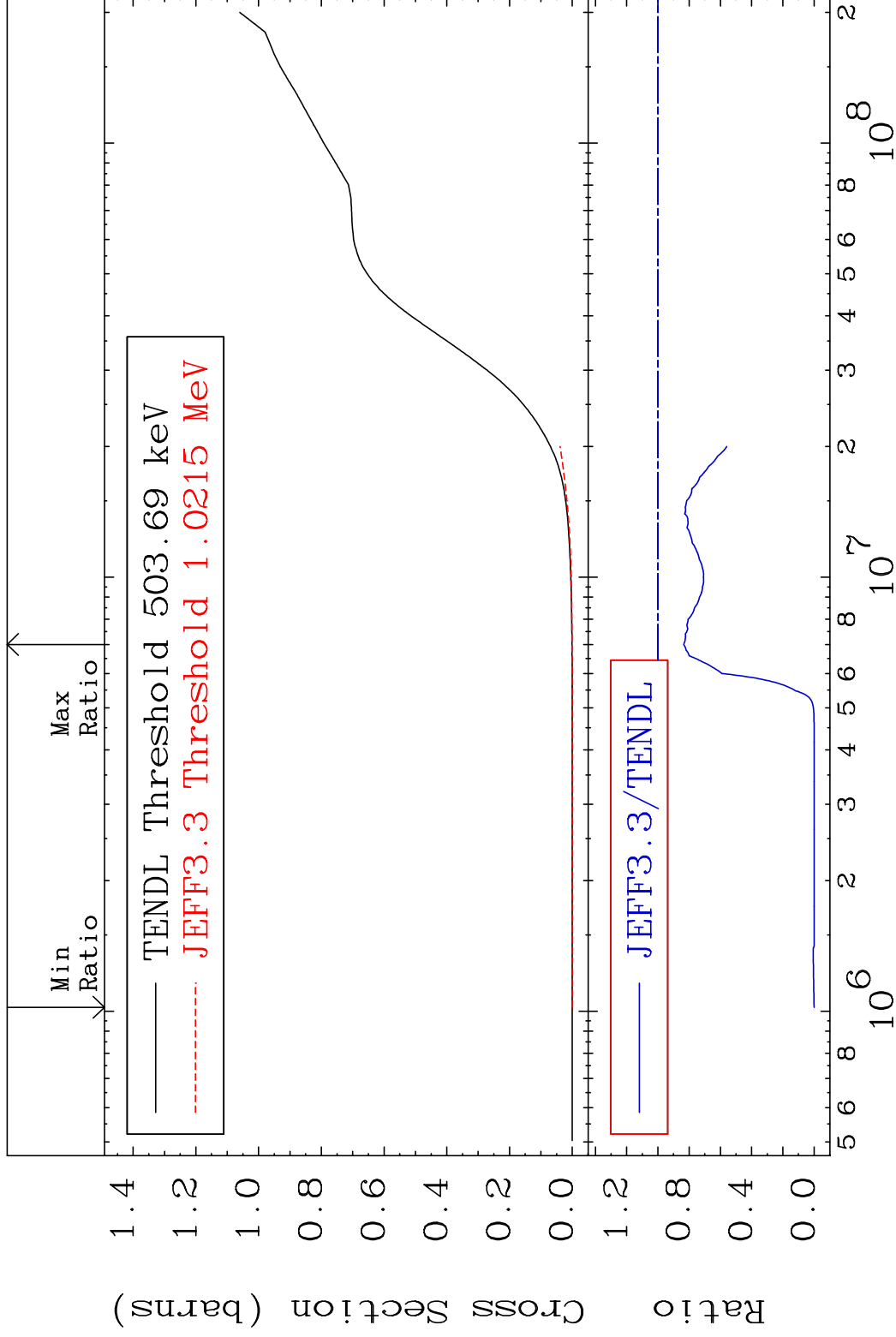
56-Ba-132

MAT 5631

Hydrogen Production

56-Ba-132

Cross Section -100.0 To -16.49%



25

Incident Energy (eV)

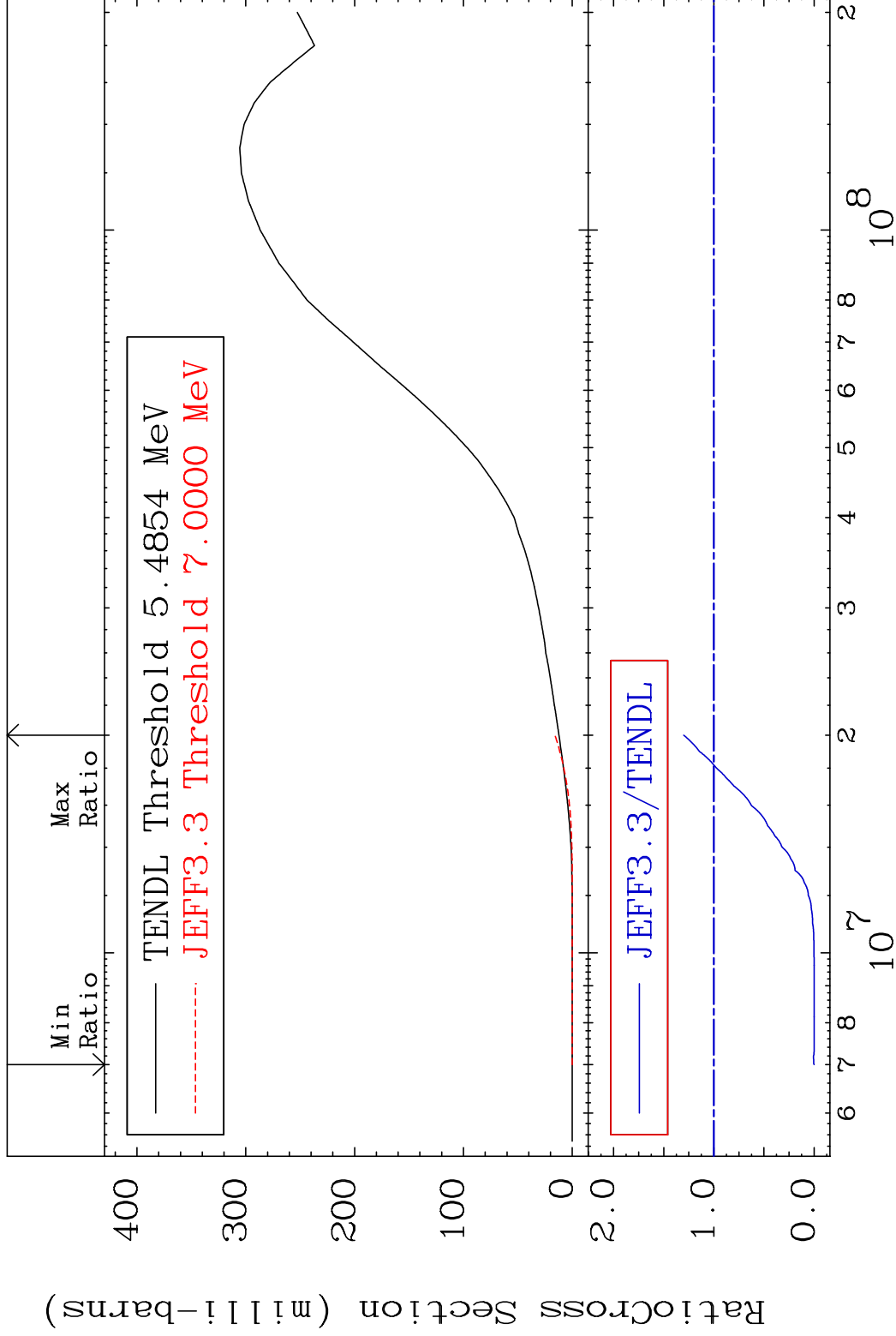
56-Ba-132

MAT 5631

Deuterium Production

56-Ba-132

Cross Section -100.0 To 30.14 %



26

Incident Energy (eV)

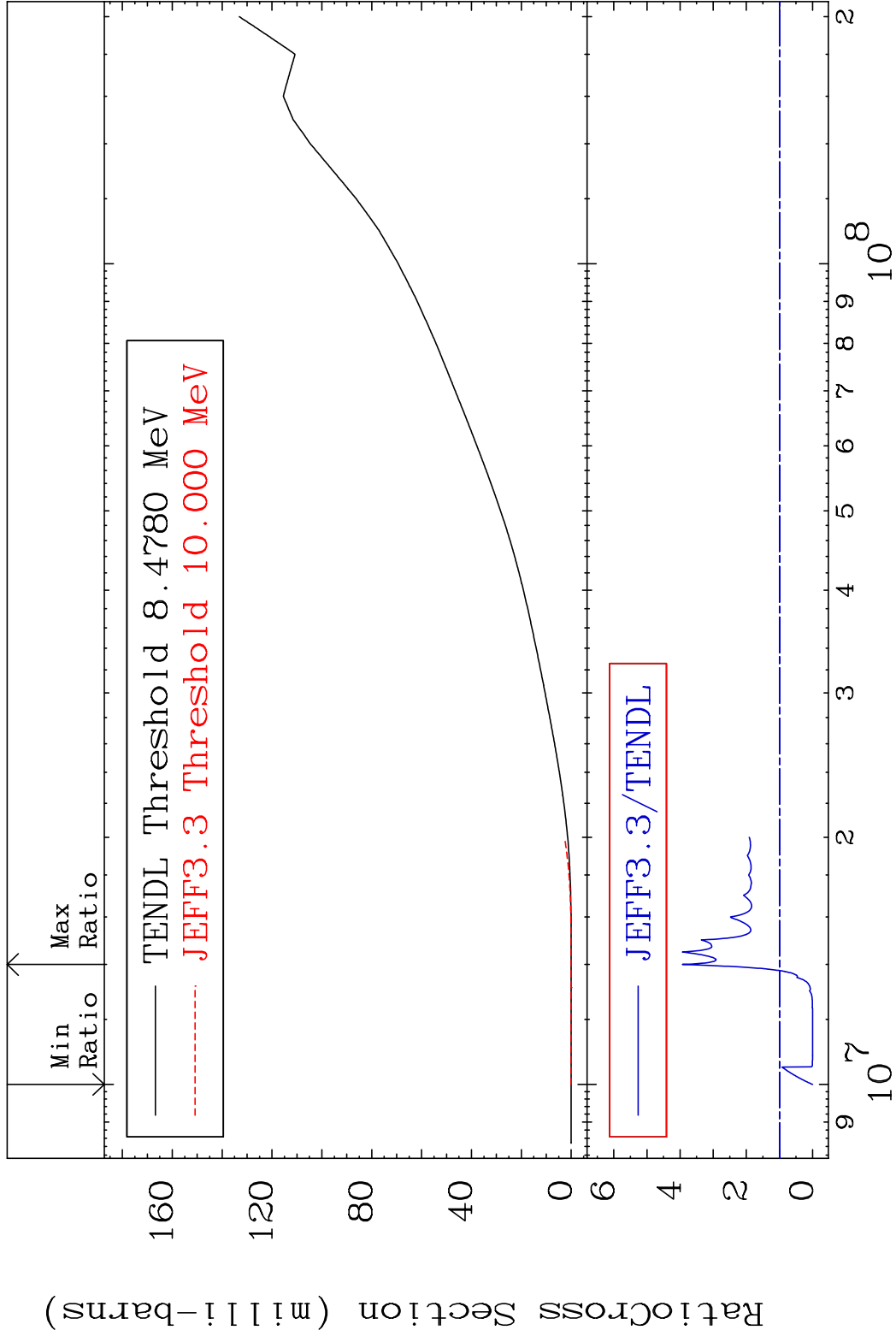
56-Ba-132

MAT 5631

Tritium Production

56-Ba-132

Cross Section -100.0 To 293.1 %

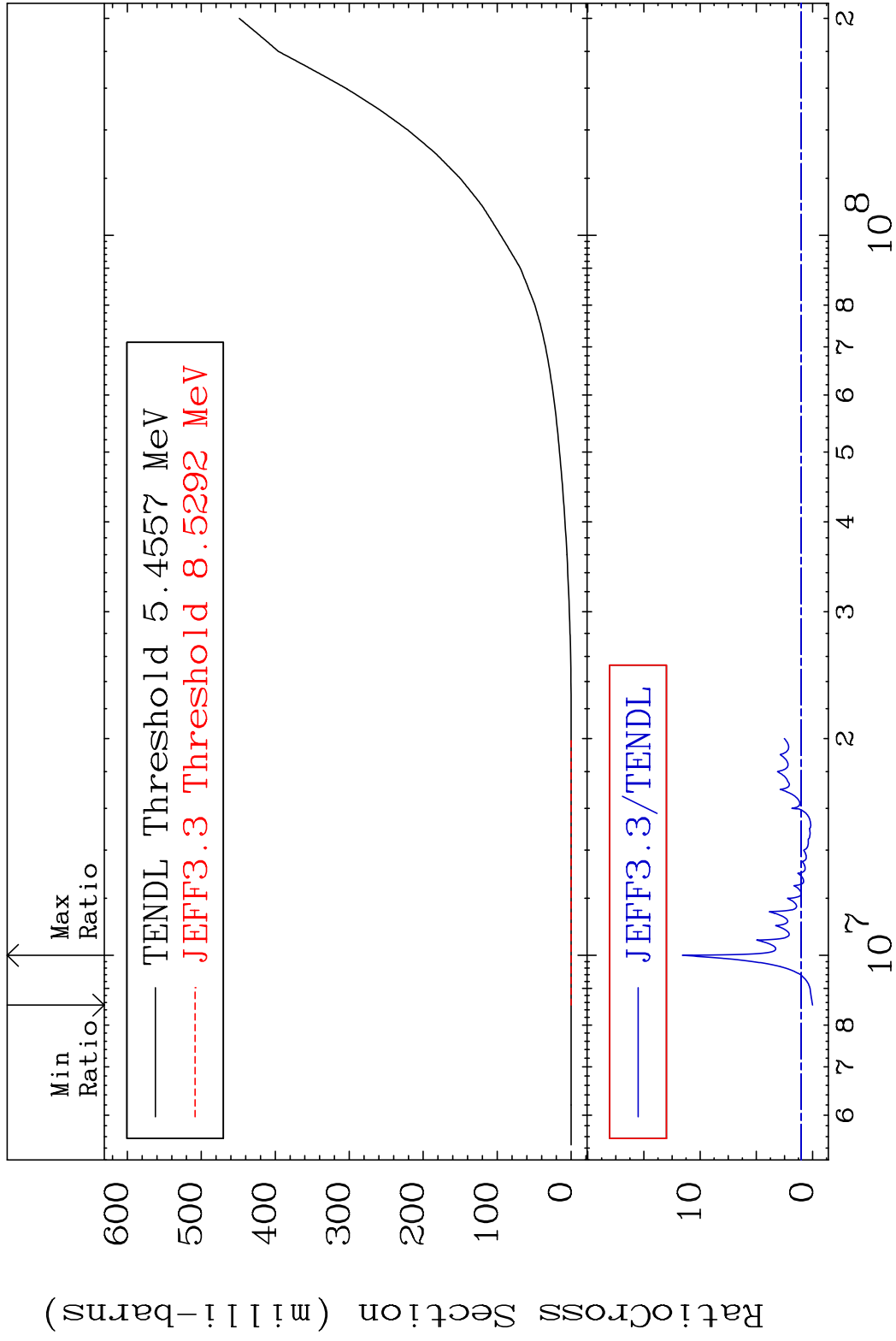


MAT 5631

He-3 Production

56-Ba-132

Cross Section -100.0 To 1058. %



28

Incident Energy (eV)

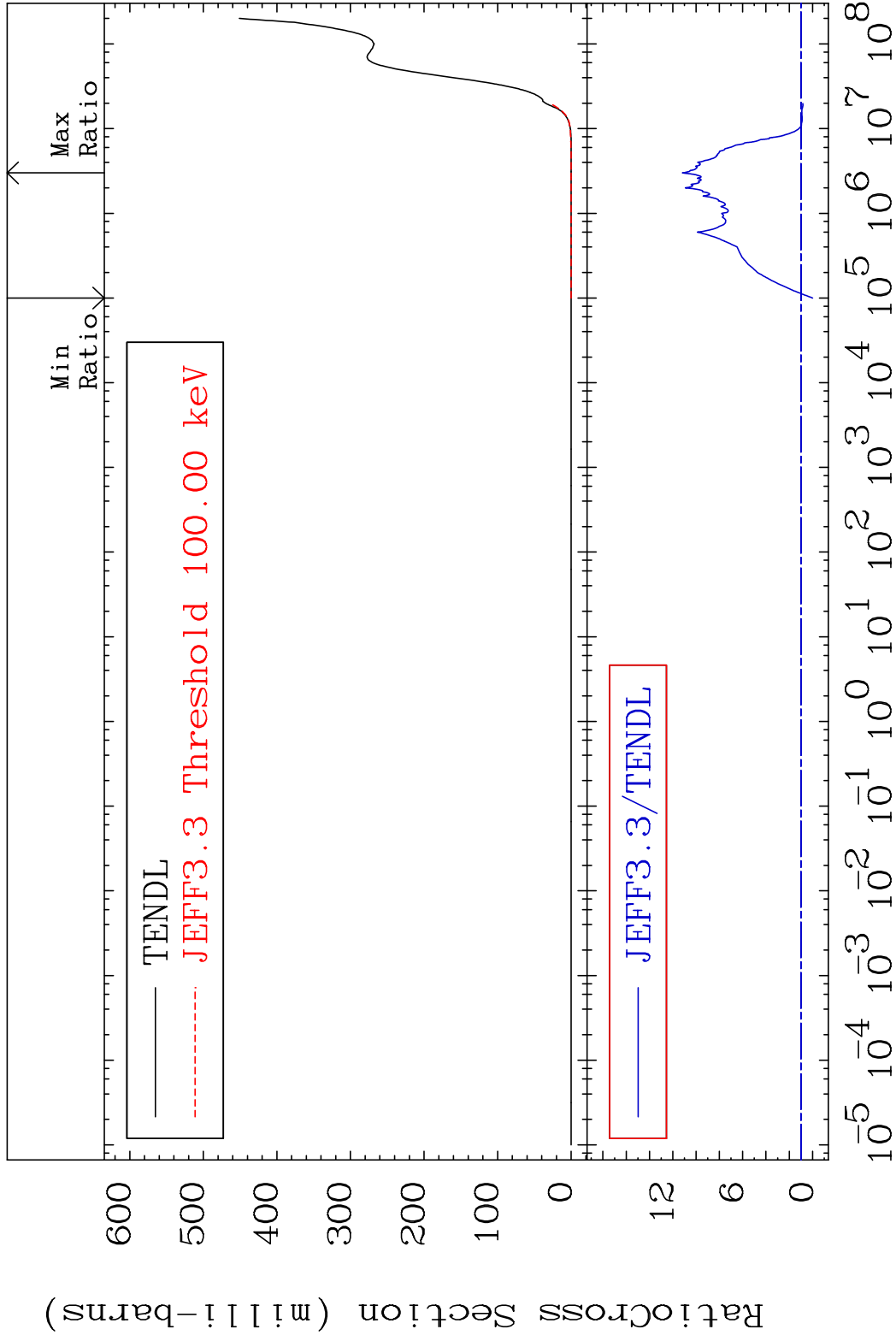
56-Ba-132

MAT 5631

He-4 Production

56-Ba-132

Cross Section -100.0 To 1018. %

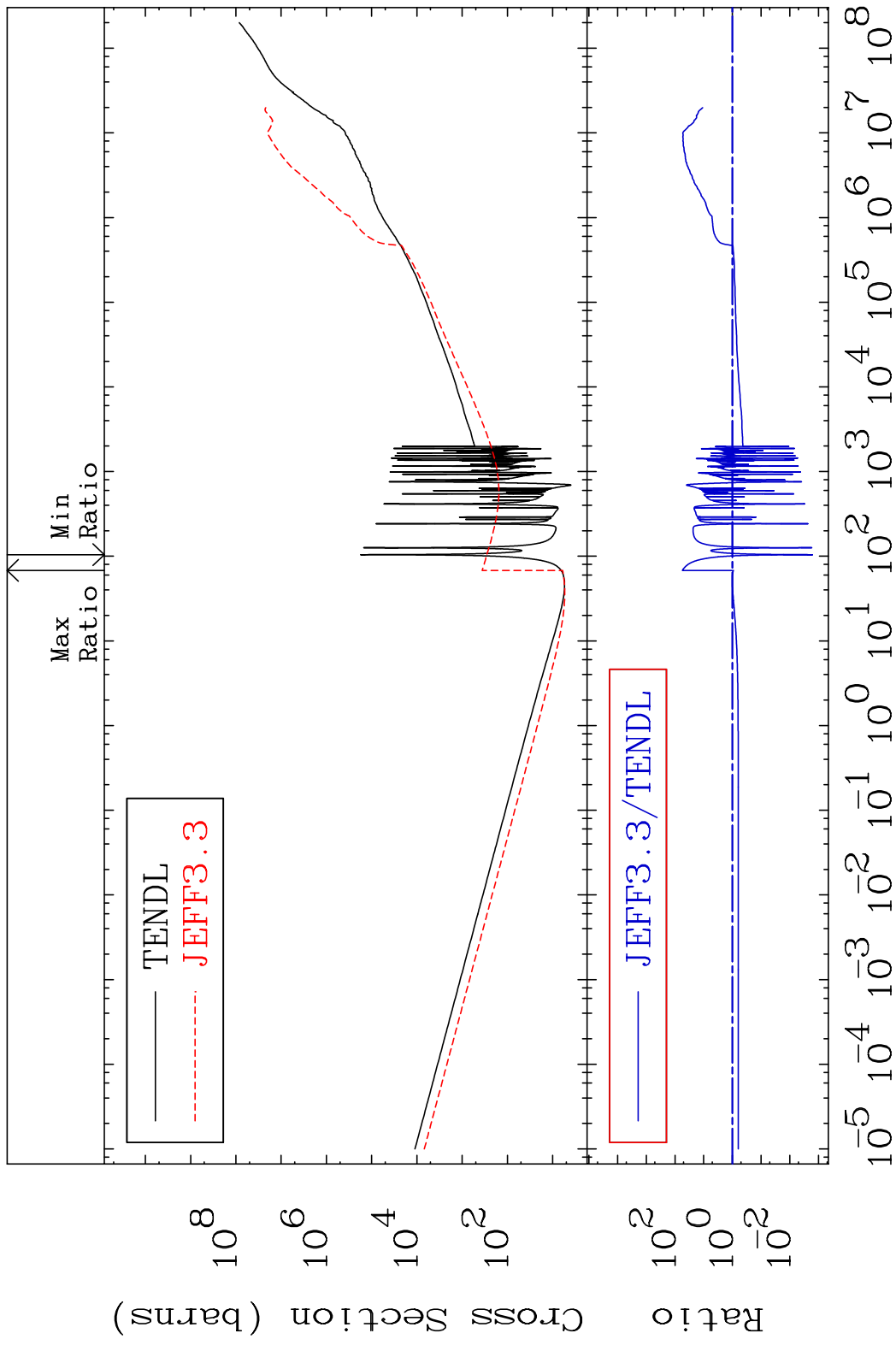


29

Incident Energy (eV)

56-Ba-132

MAT 5631 Kerma total (eV-barns) 56-Ba-132
 Cross Section -99.84 To 5437. %



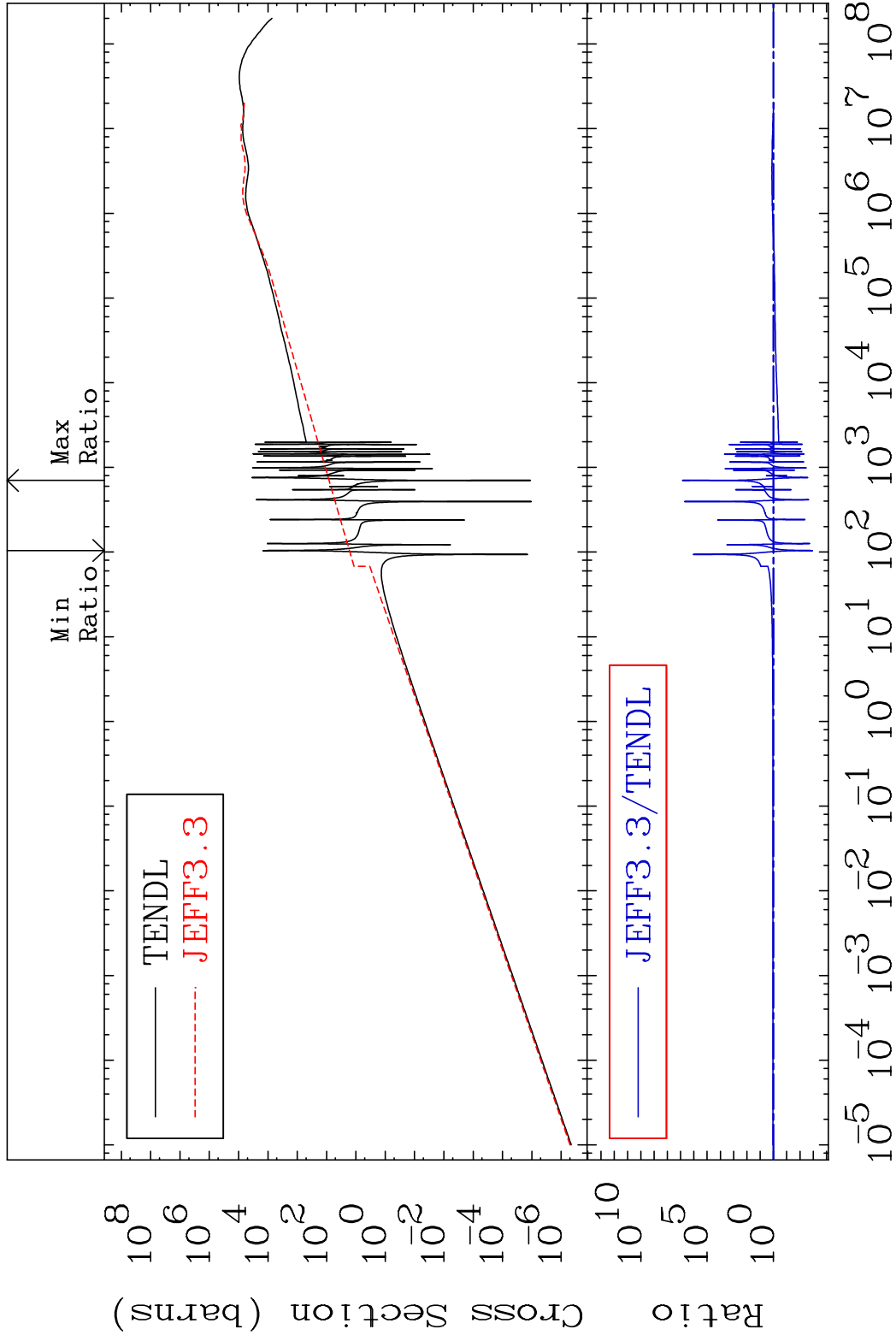
MAT 5631

Kerma elastic

56-Ba-132

Cross Section

-99.89 To 9999. %

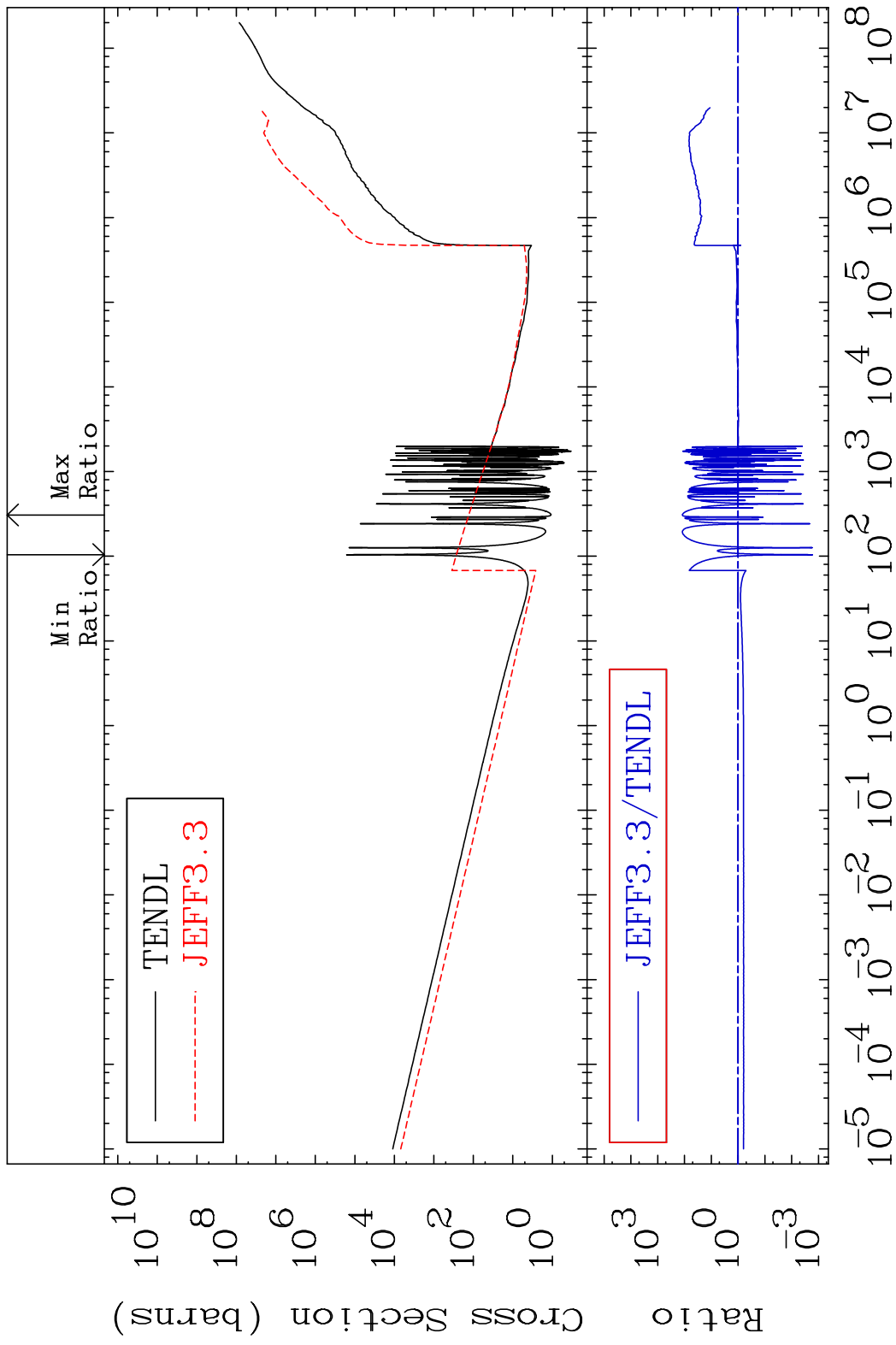


31

Incident Energy (eV)

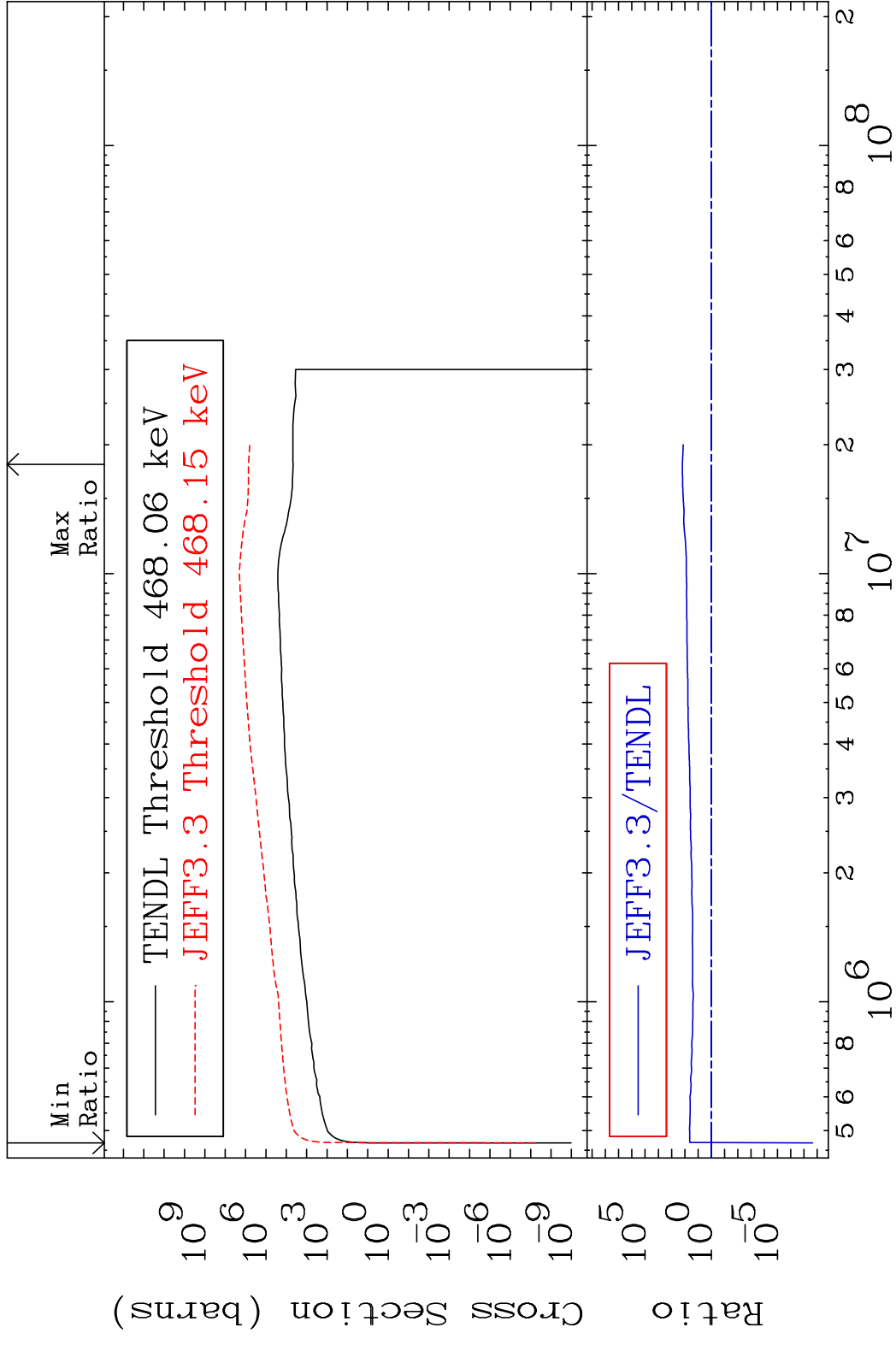
56-Ba-132

MAT 5631 Kerma non-elastic (all but mt2) 56-Ba-132
 Cross Section -99.83 To 9999. %

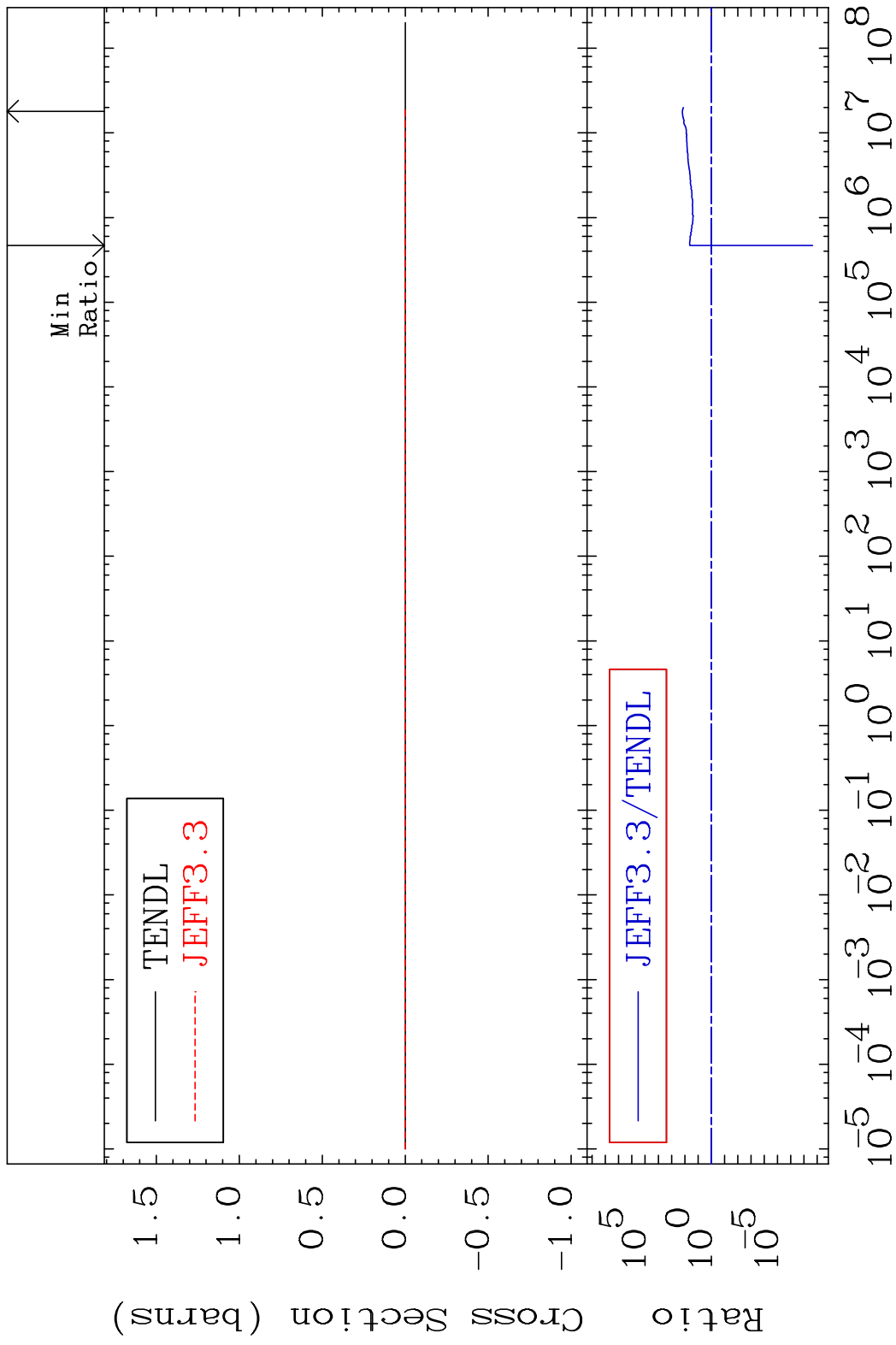


32 Incident Energy (eV) 56-Ba-132

MAT 5631 Kerma inelastic (mt51-91) 56-Ba-132
 Cross Section -100.0 To 9999. %

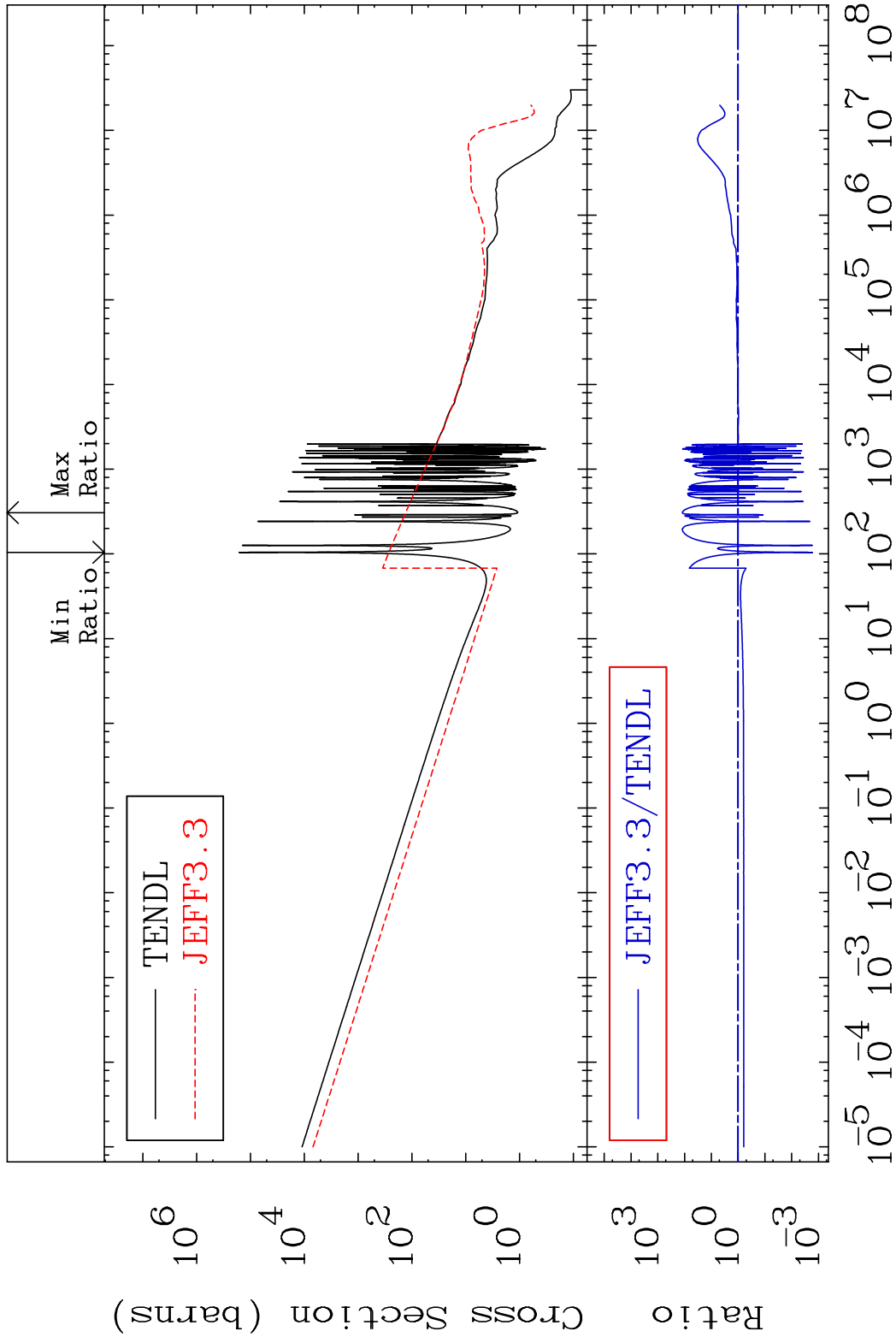


MAT 5631 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-132
 Cross Section -100.0 To 9999. %



MAT 5631

Kerma capture (mt102) 56-Ba-132
Cross Section -99.83 To 9999. %

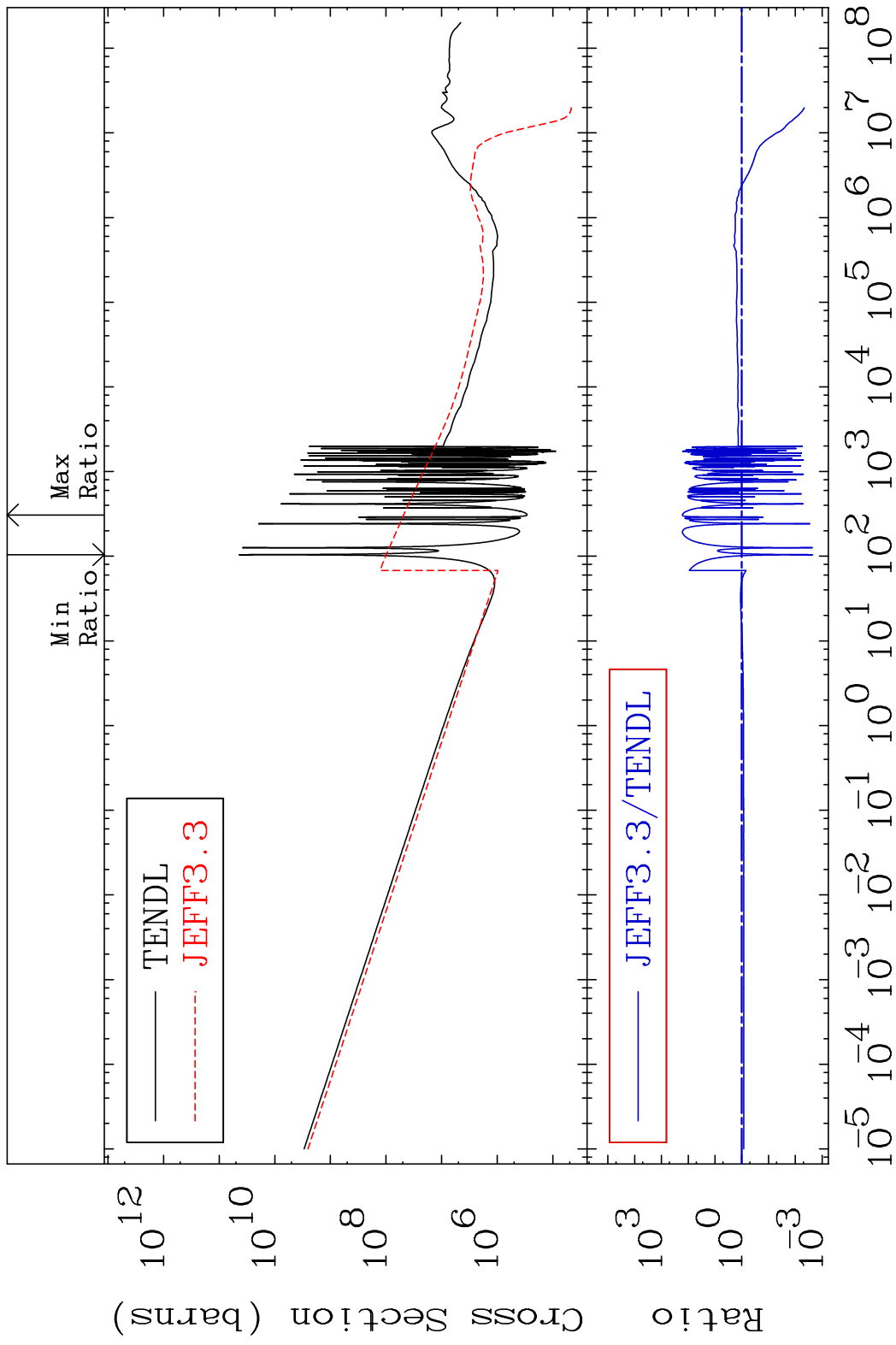


35

Incident Energy (eV)

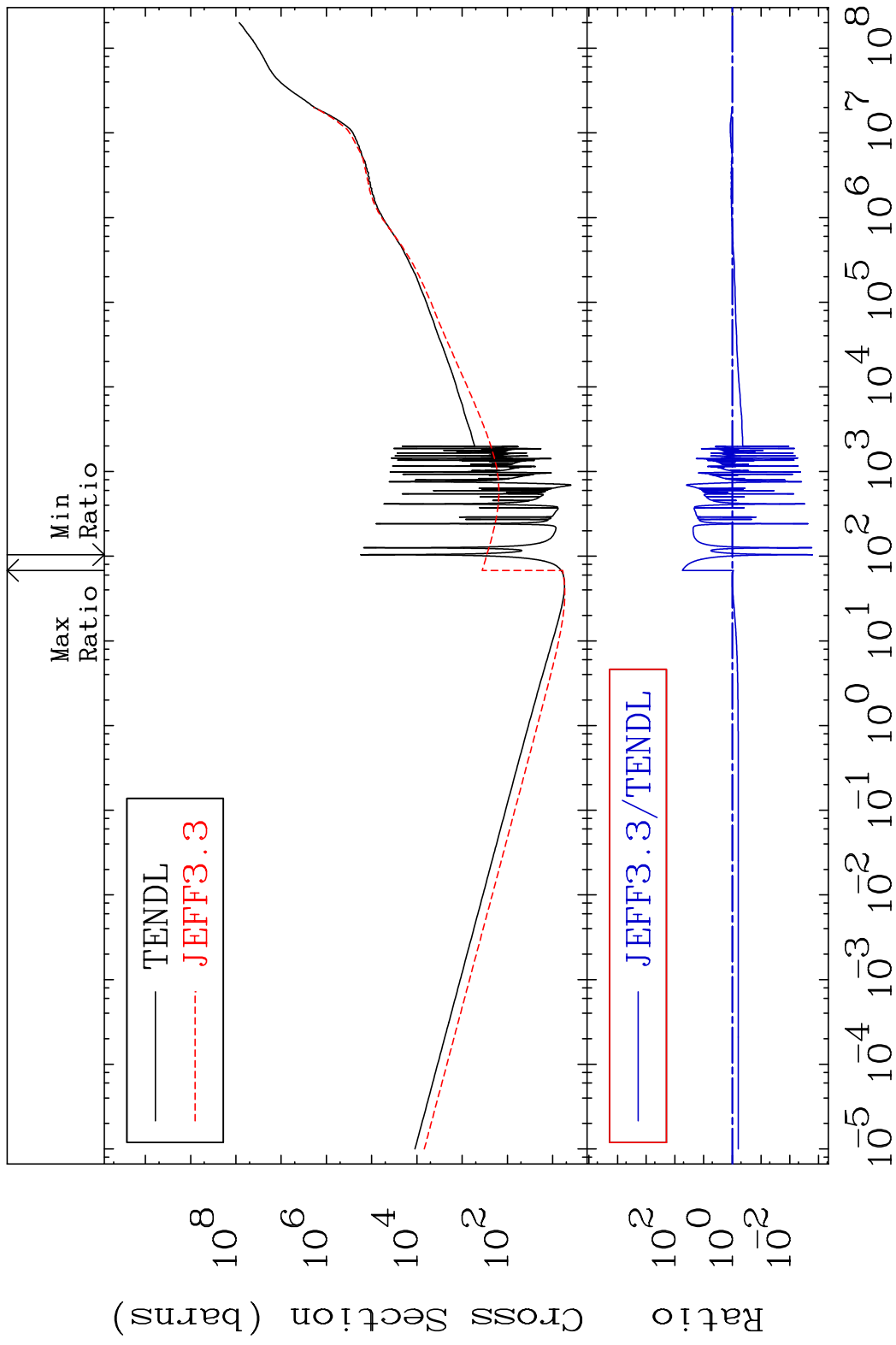
56-Ba-132

MAT 5631 Total photon (eV-barns) 56-Ba-132
 Cross Section -99.77 To 9999. %

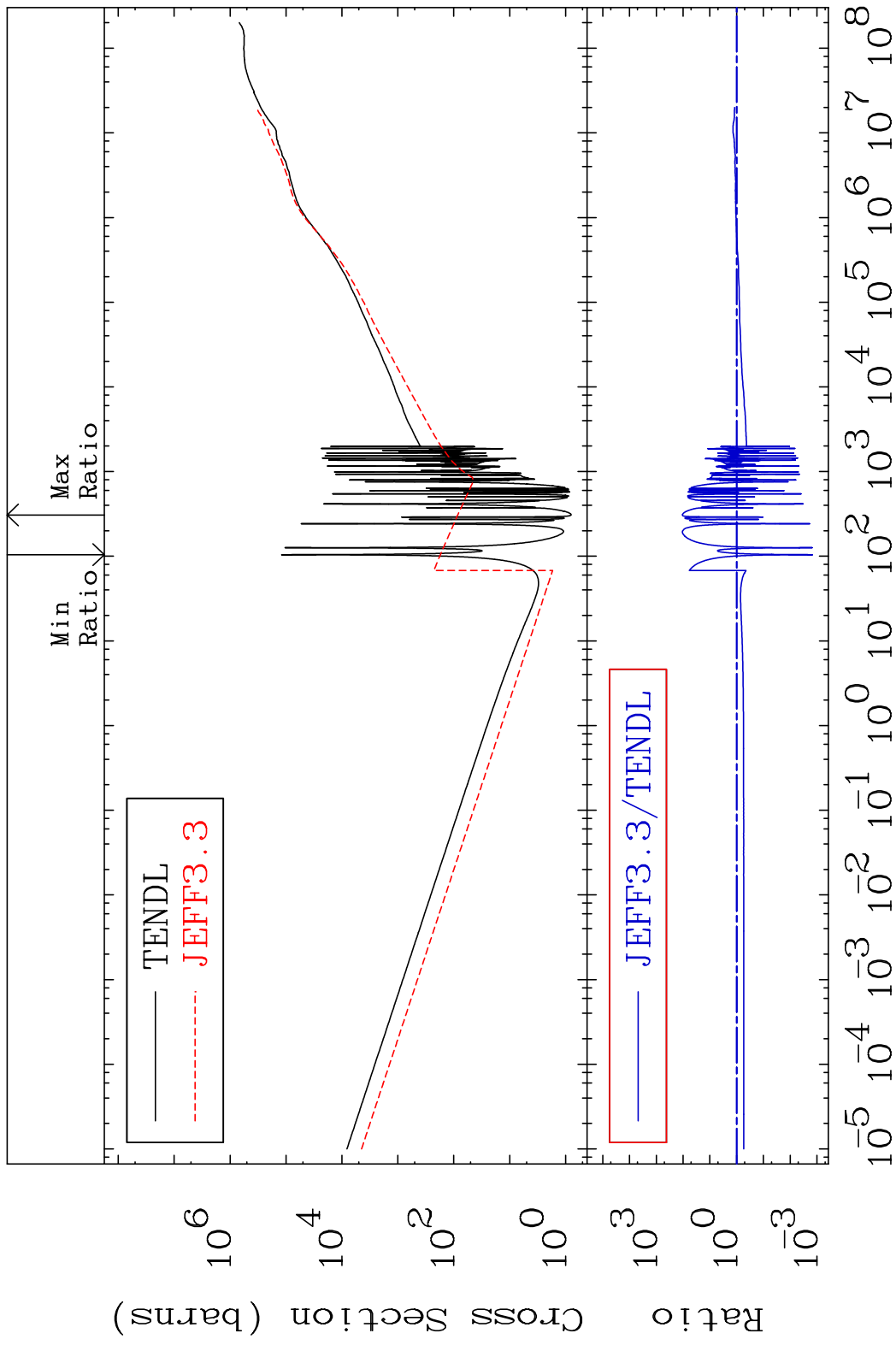


36 Incident Energy (eV) 56-Ba-132

MAT 5631 Total kinematic kerma (high limit) 56-Ba-132
 Cross Section -99.84 To 5428. %



MAT 5631 Dpa total (eV-barns) 56-Ba-132
 Cross Section -99.85 To 9999. %



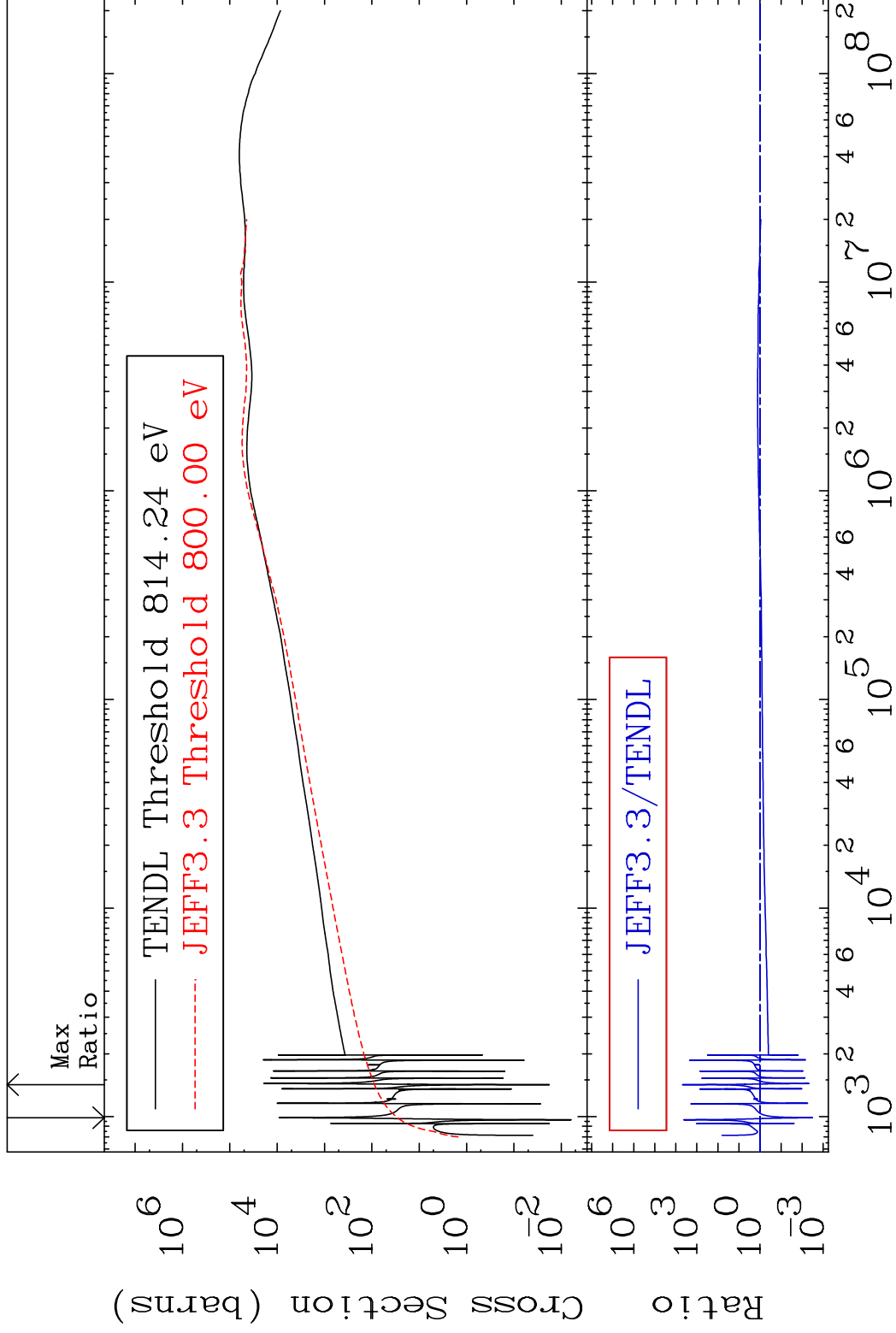
38 Incident Energy (eV) 56-Ba-132

MAT 5631

Dpa elastic (mt2)

56-Ba-132

Cross Section -99.68 To 9999. %

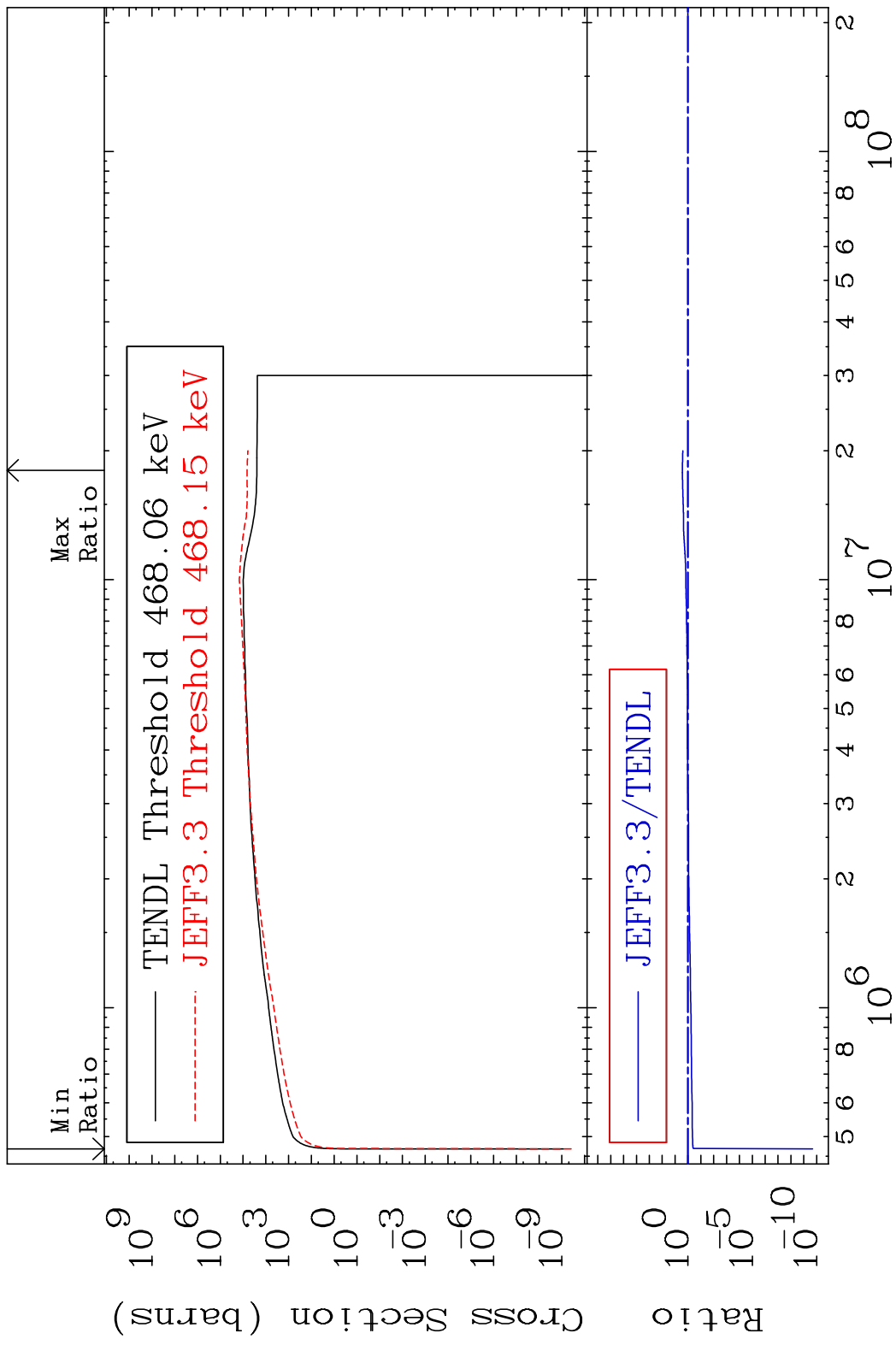


39

Incident Energy (eV)

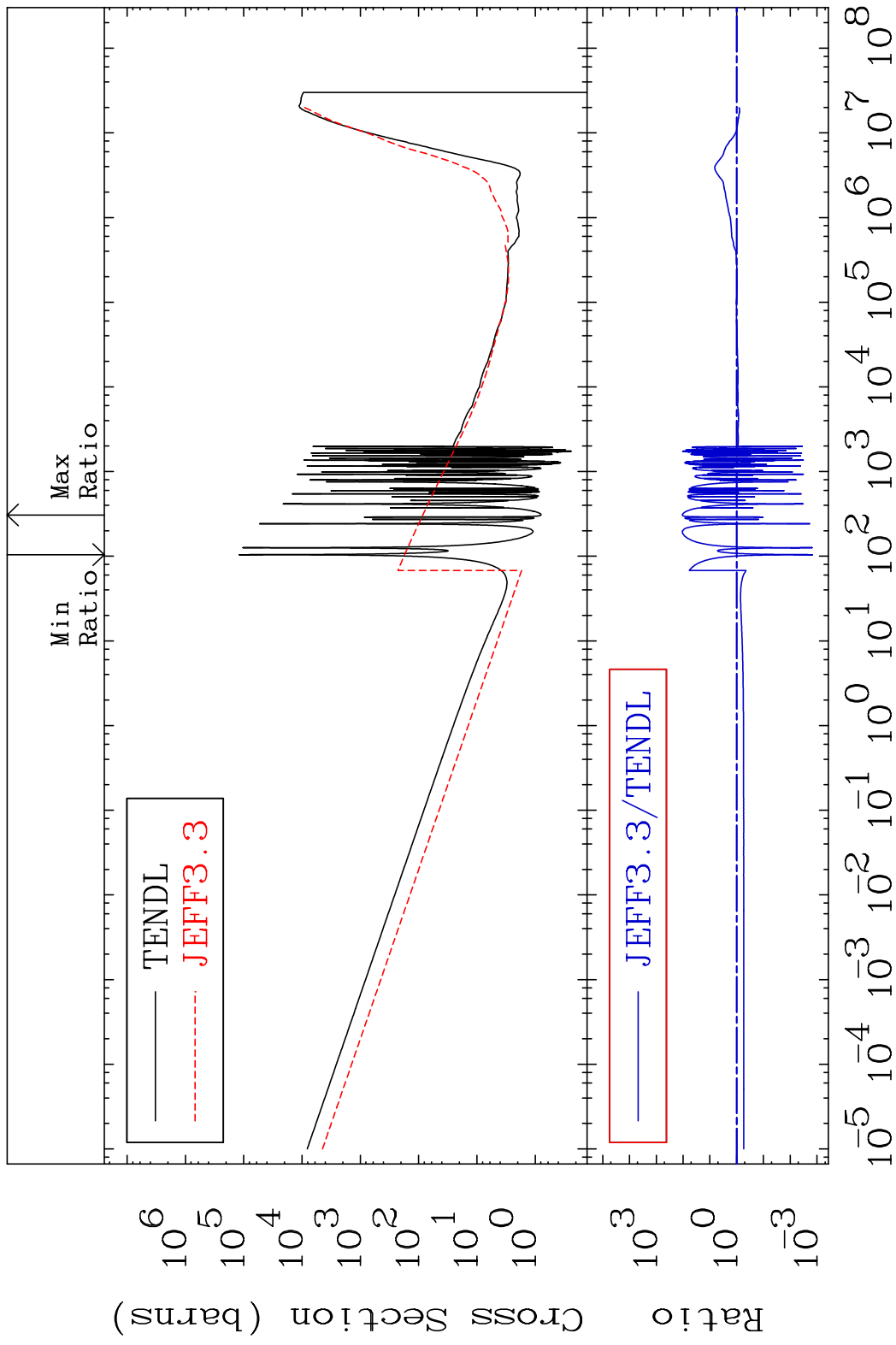
56-Ba-132

MAT 5631 Dpa inelastic (mt51-91) 56-Ba-132
 Cross Section -100.0 To 171.3 %



40 Incident Energy (eV) 56-Ba-132

MAT 5631 Dpa disappearance (mt102 -120) 56-Ba-132
 Cross Section -99.85 To 9999. %



41 Incident Energy (eV) 56-Ba-132