

Program Complot
(Version 2021-1)

by

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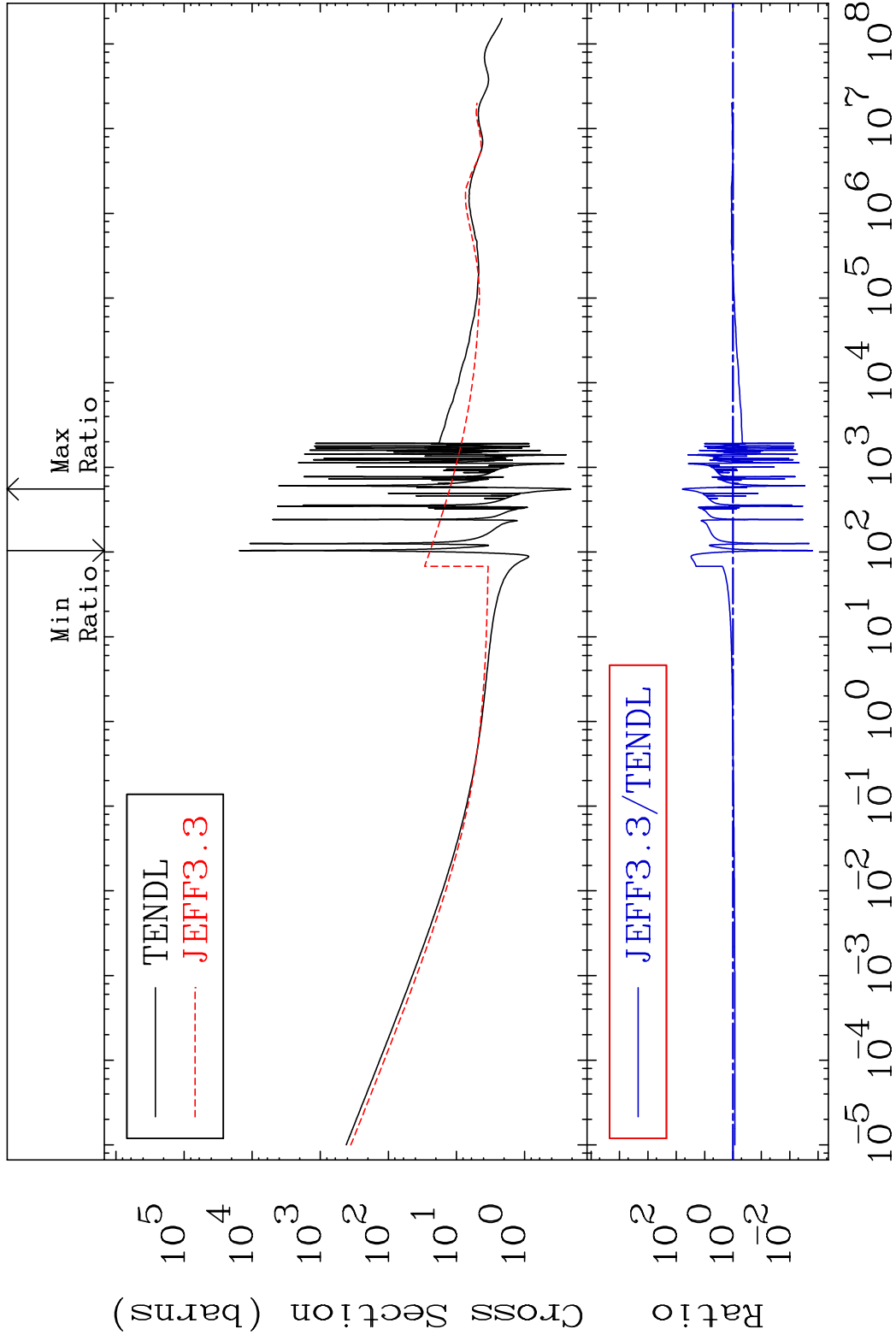
Press Mouse Button to Start

MAT 5631

Total

56-Ba-132

Cross Section -99.84 To 5994. %



1

Incident Energy (eV)

56-Ba-132

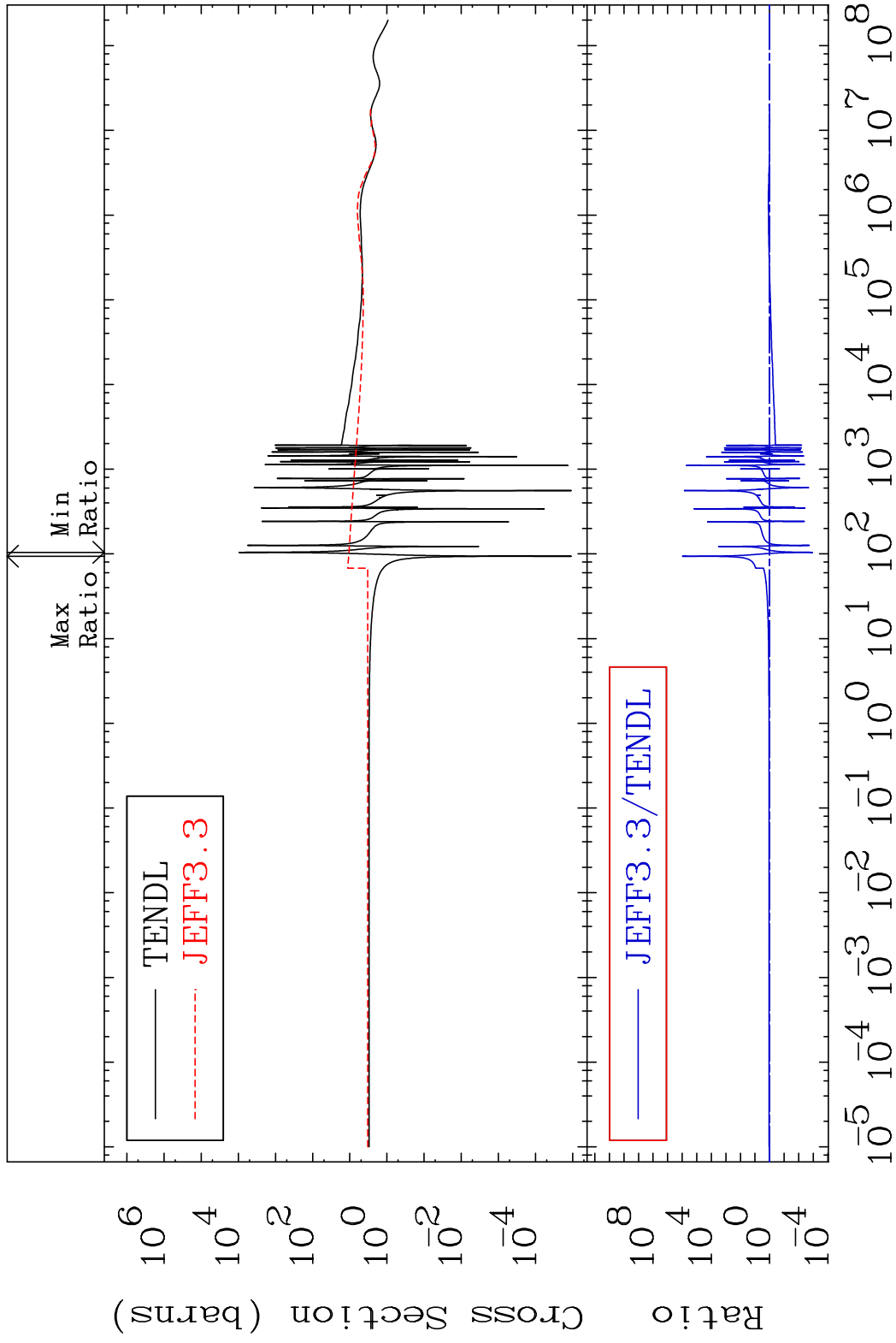
MAT 5631

Elastic

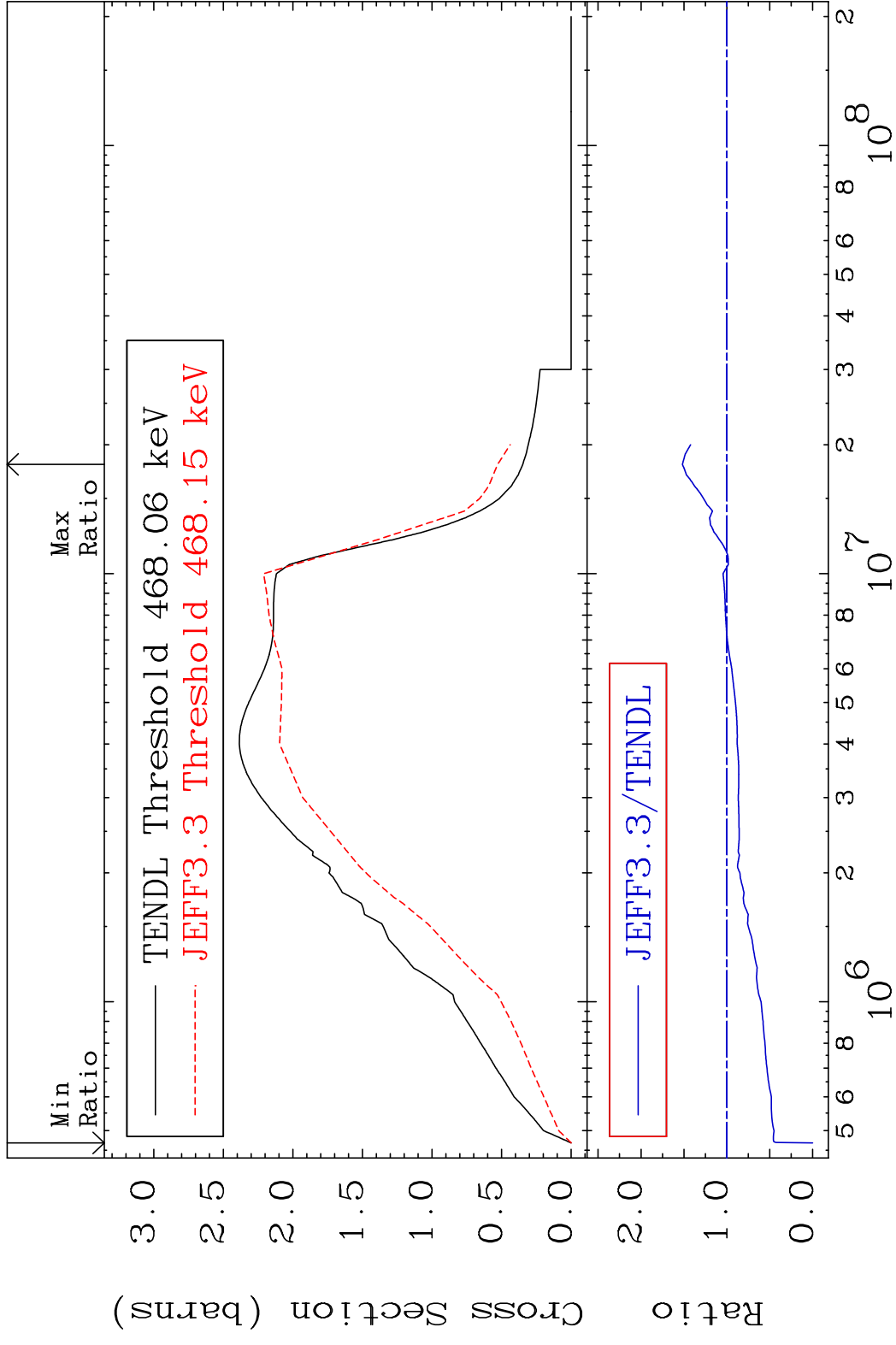
56-Ba-132

Cross Section

-99.89 To 9999. %



MAT 5631 Inelastic 56-Ba-132
 Cross Section -100.0 To 51.79 %



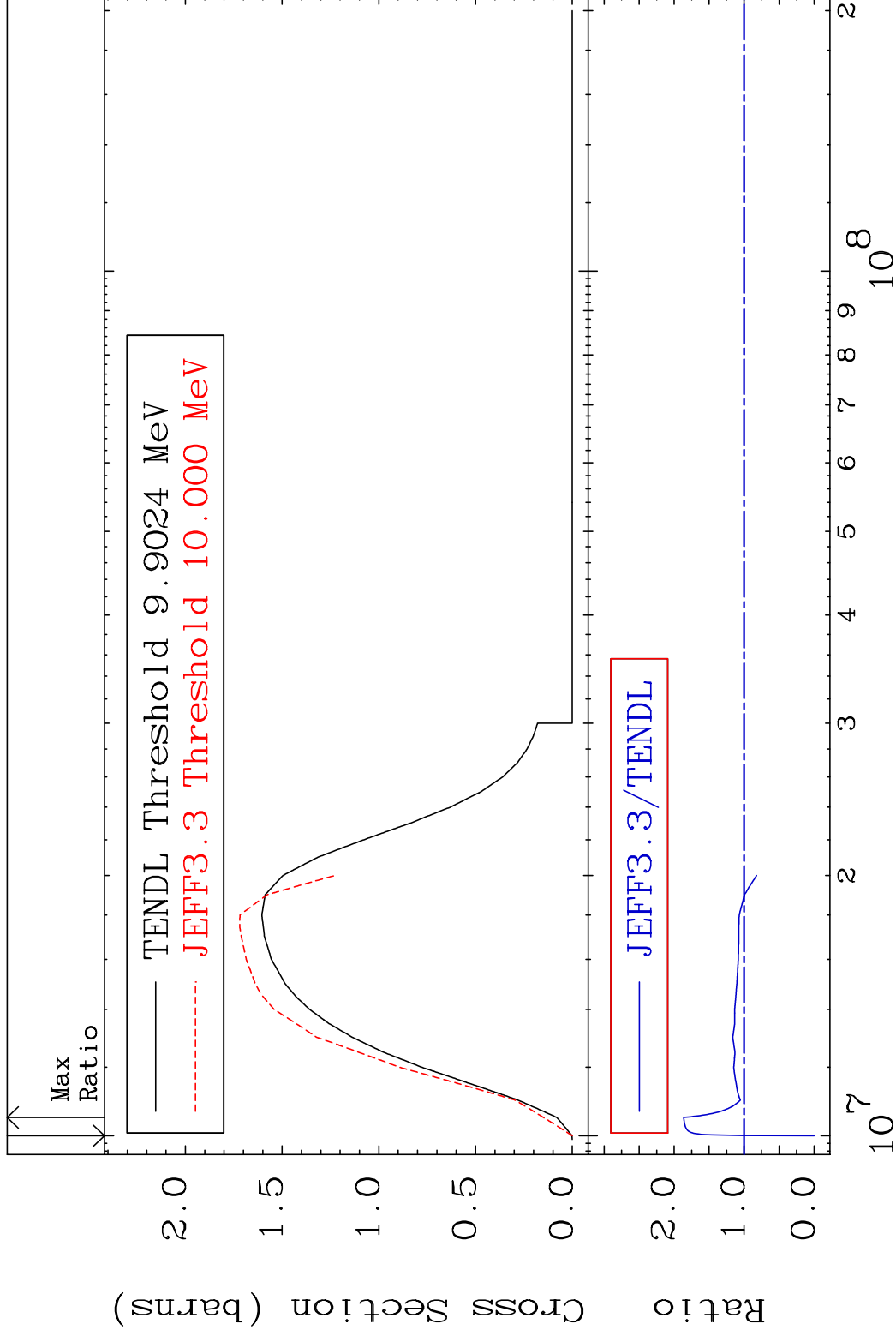
3 Incident Energy (eV) 56-Ba-132

MAT 5631

(n,2n)

56-Ba-132

Cross Section -100.0 To 86.37 %



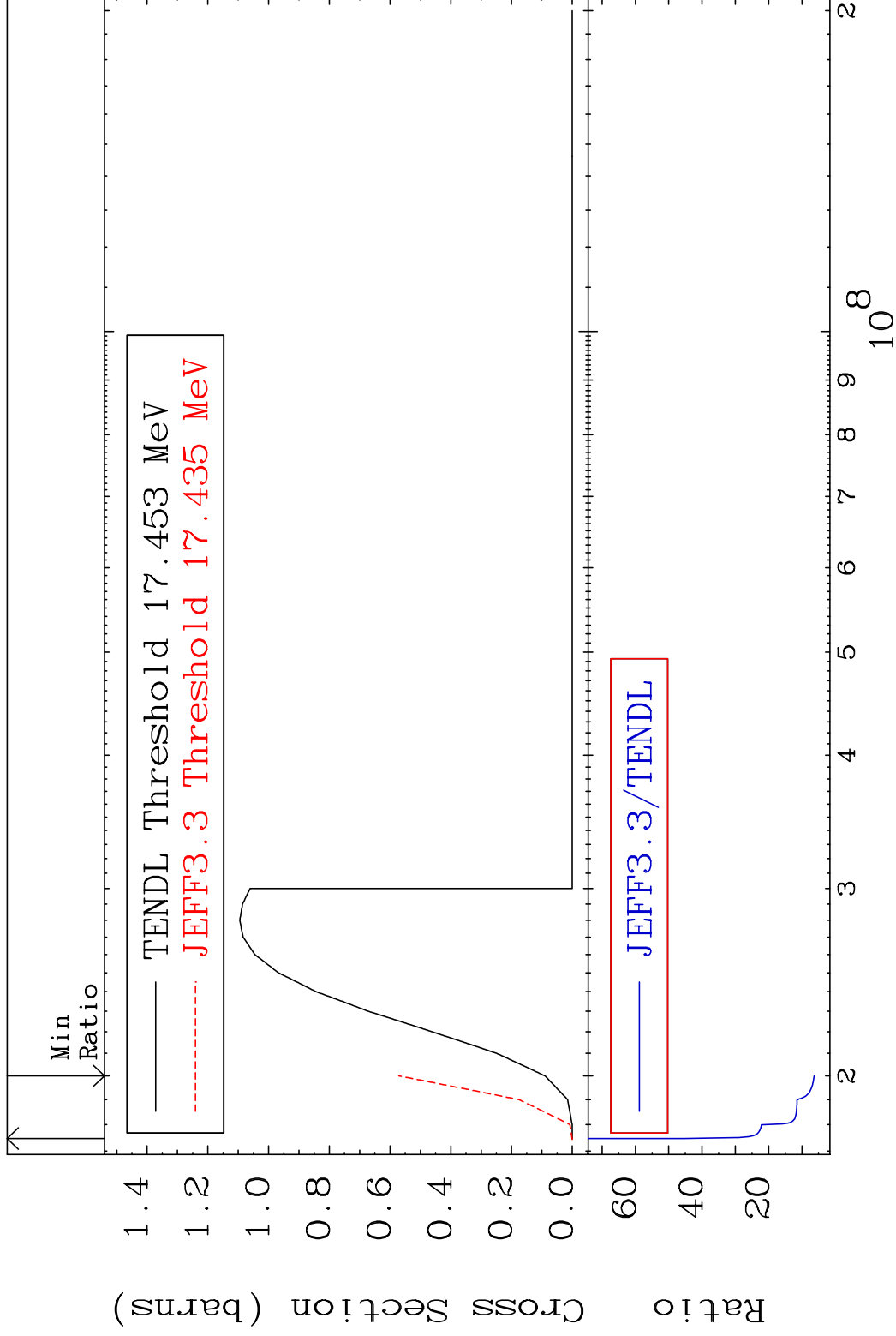
Incident Energy (eV) 56-Ba-132

MAT 5631

(n,3n)

56-Ba-132

Cross Section 534.8 To 4452. %



5

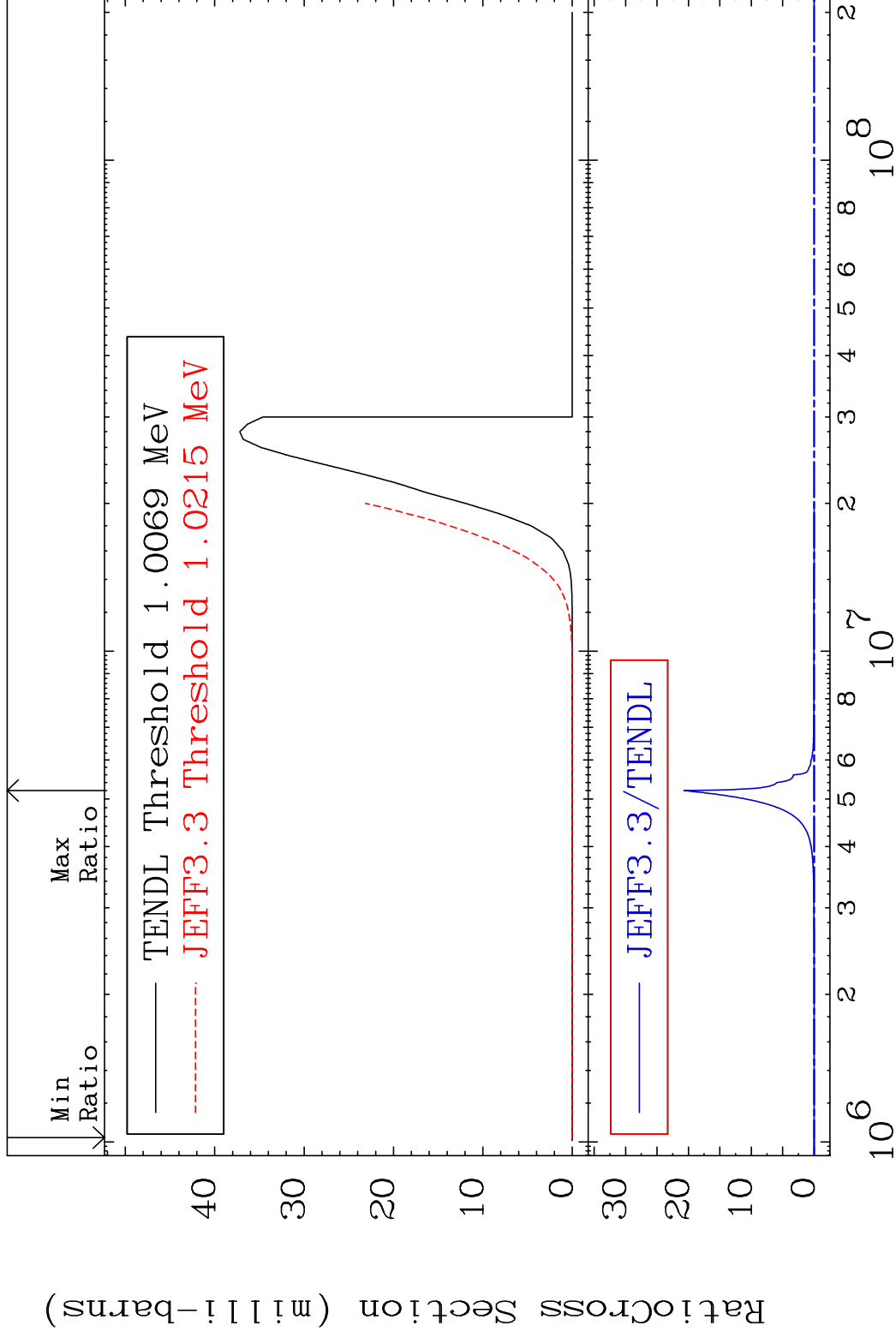
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, n') α 56-Ba-132

Cross Section -100.0 To 9999. %



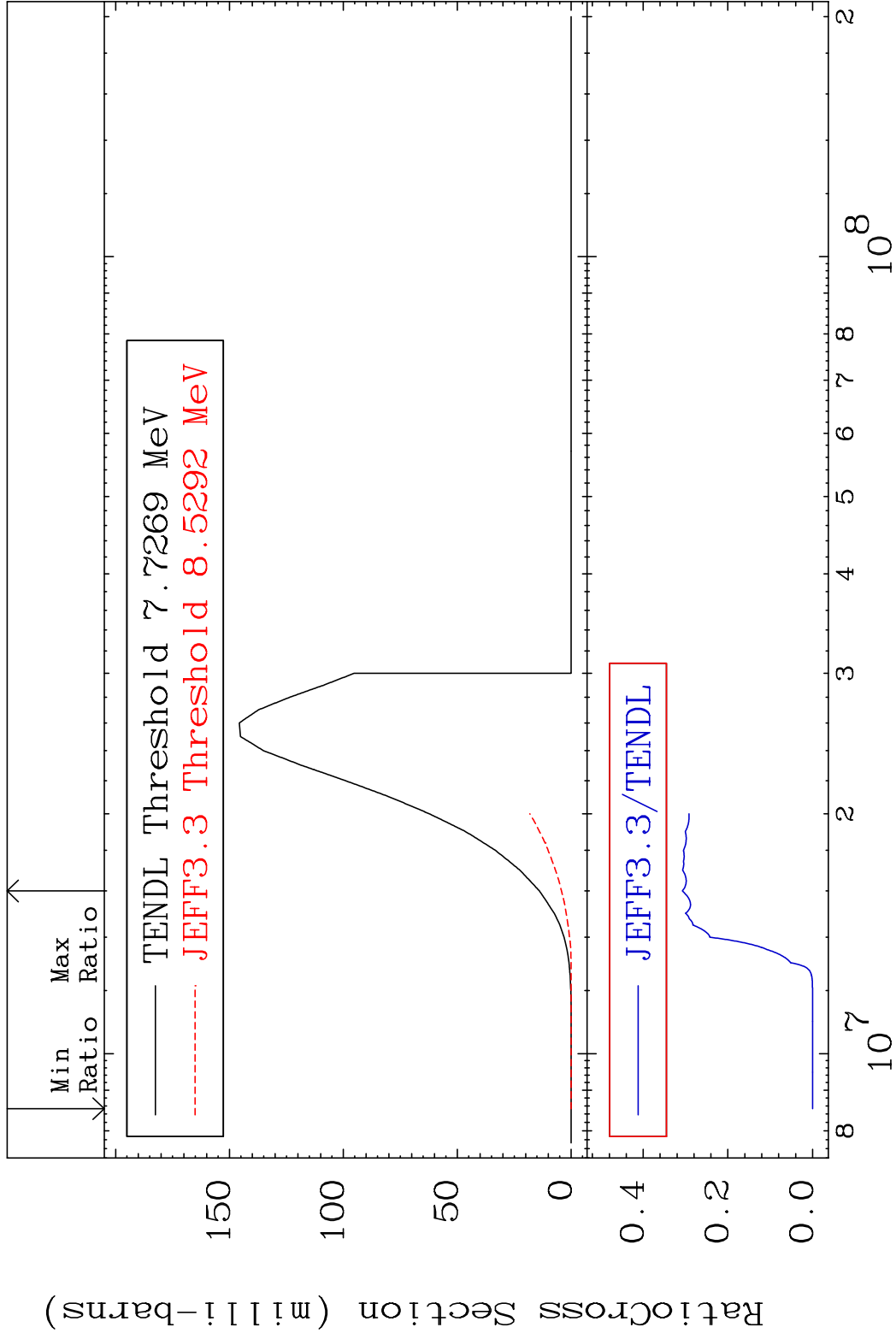
6

Incident Energy (eV)

56-Ba-132

MAT 5631

(n, n') p 56-Ba-132
Cross Section -100.0 To -69.25%

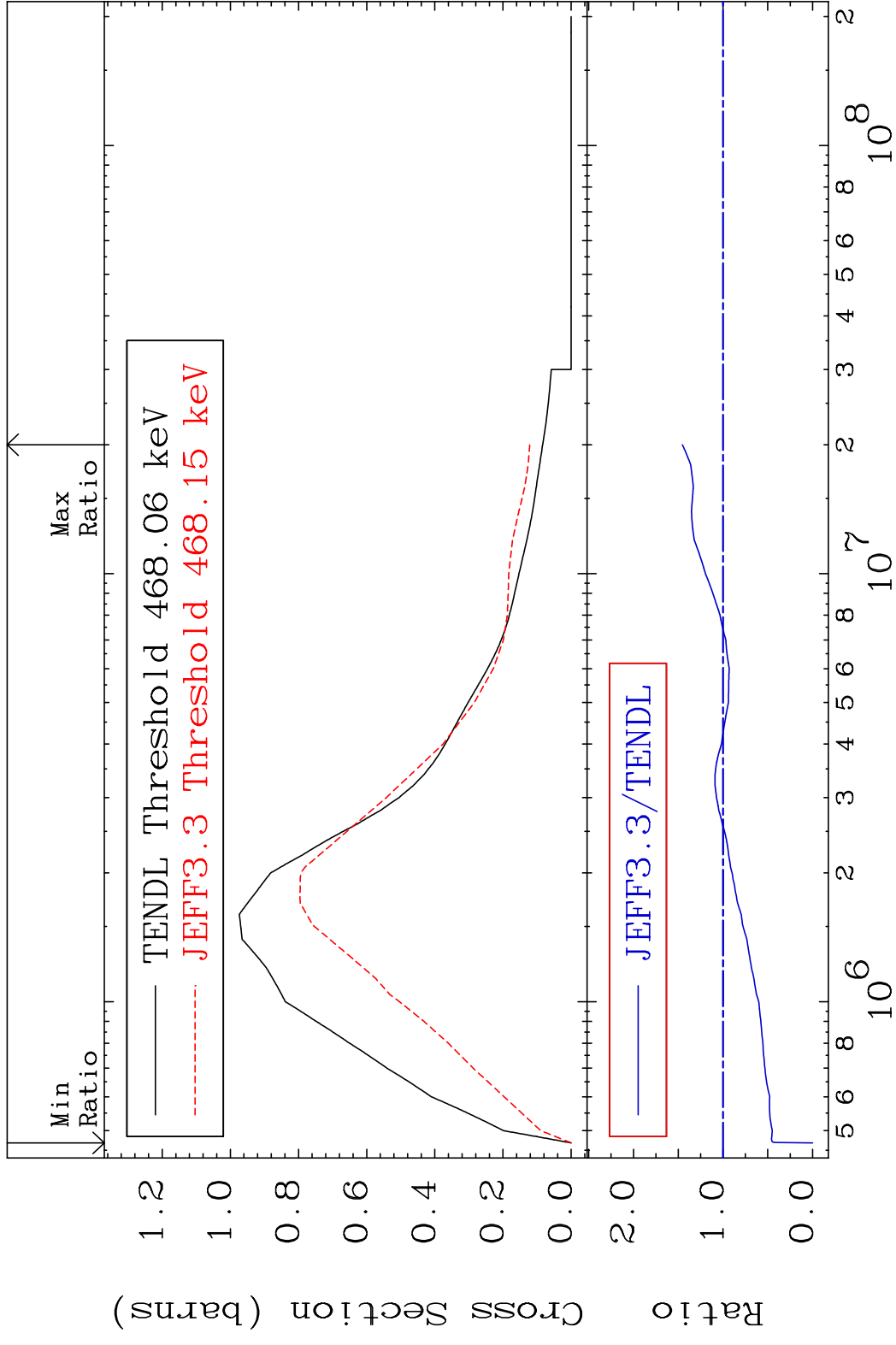


7

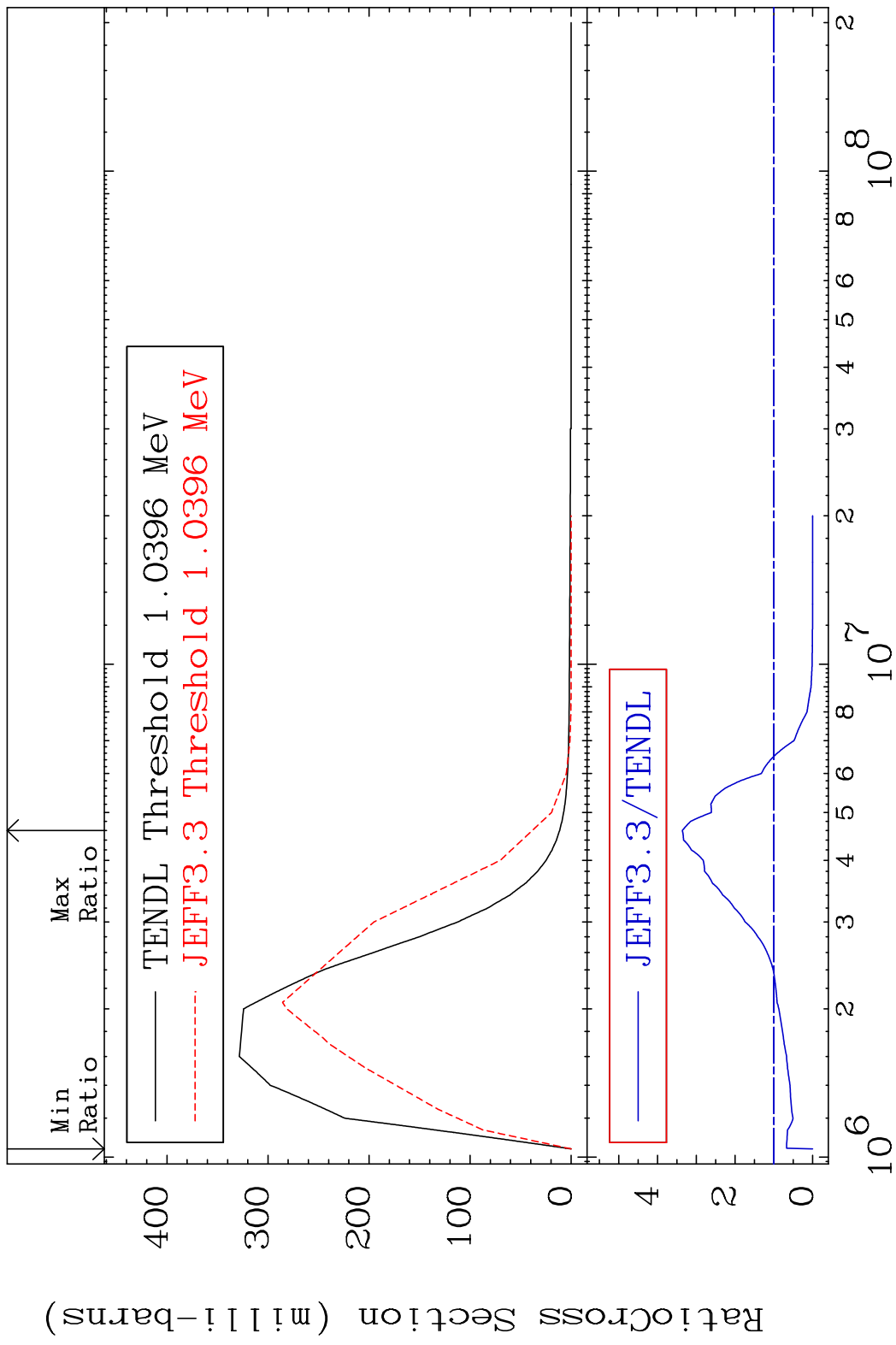
Incident Energy (eV)

56-Ba-132

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

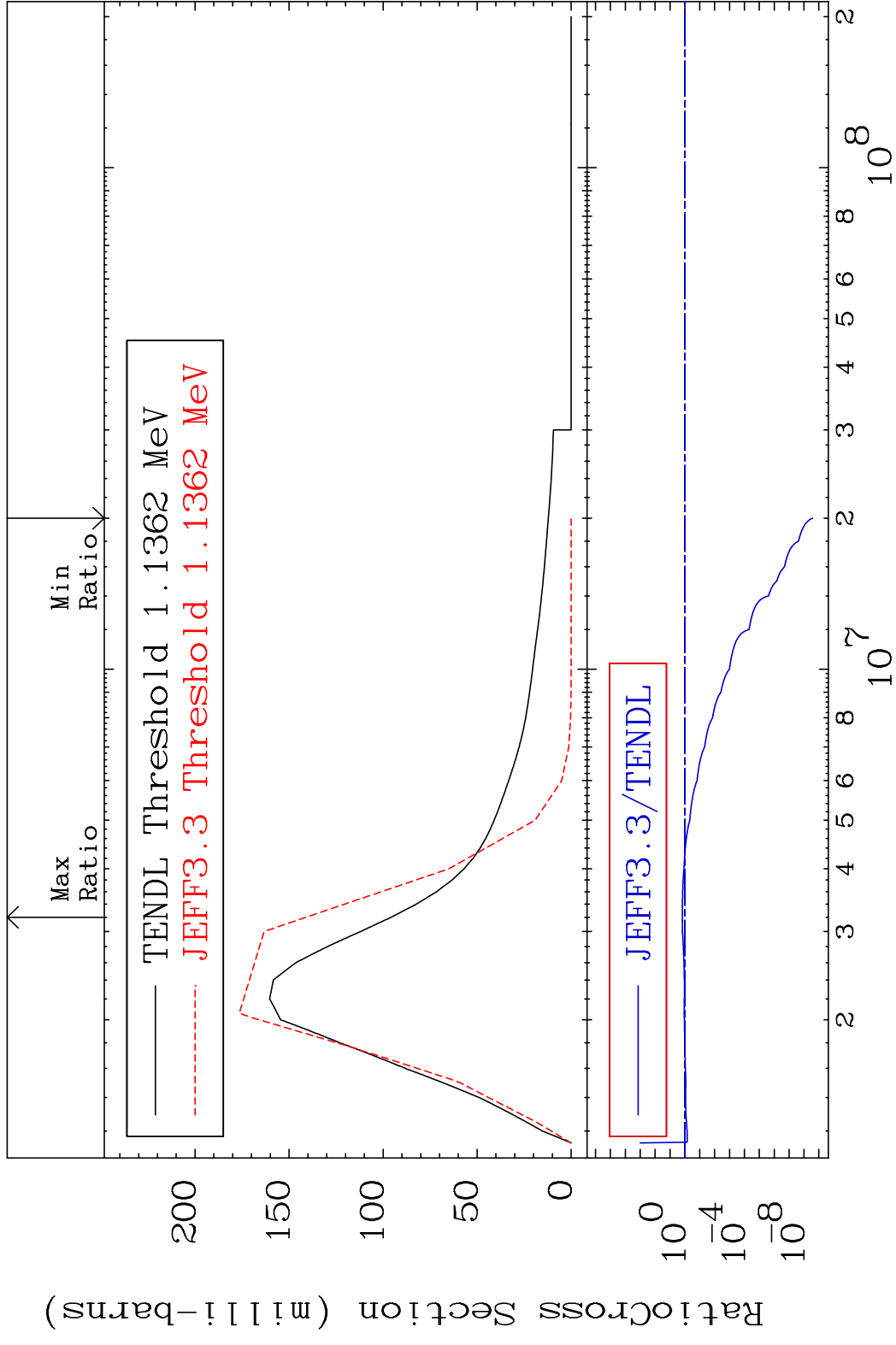


MAT 5631 MT= 52 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 236.0 %



9 Incident Energy (eV) 56-Ba-132

MAT 5631 MT= 53 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 47.40 %



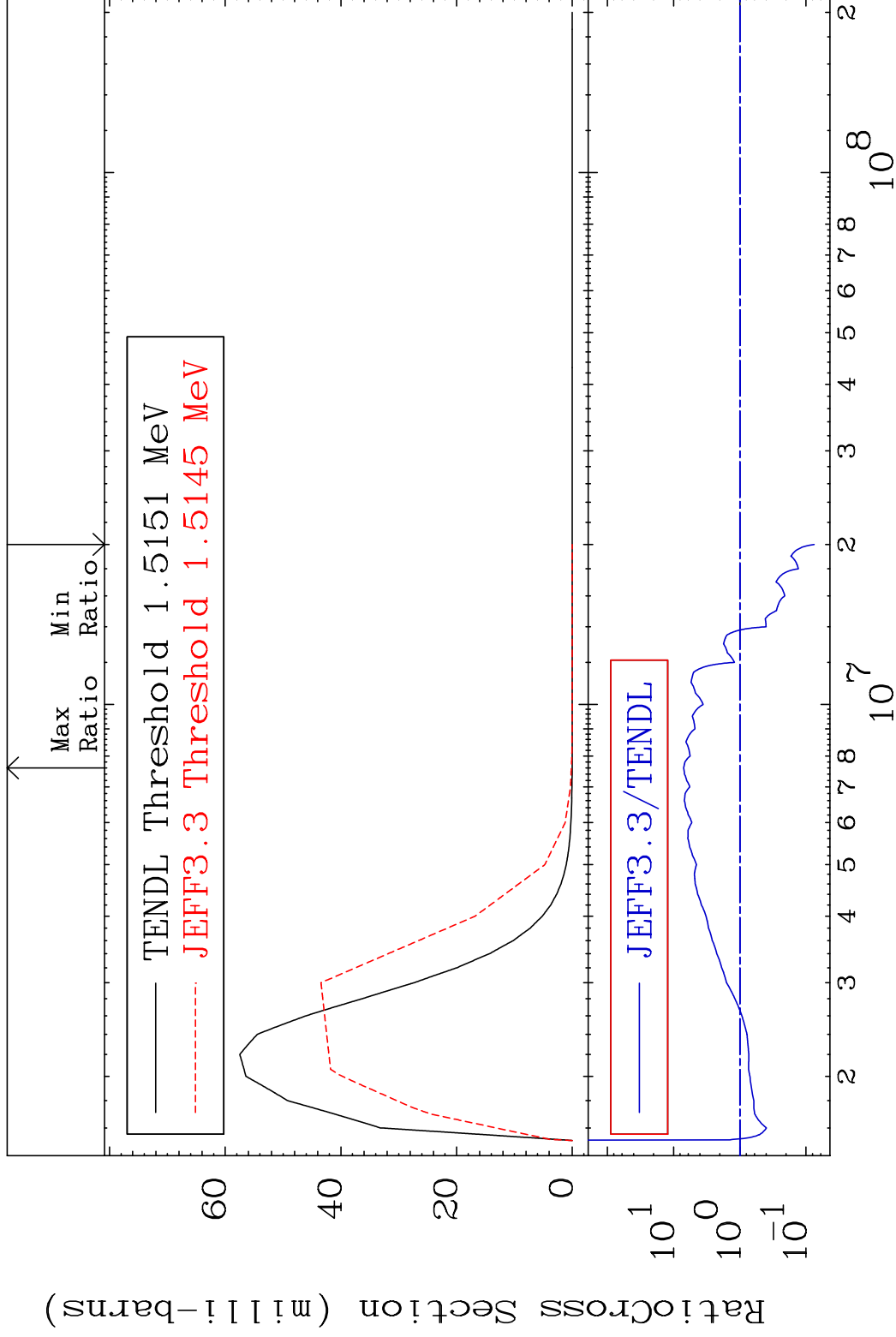
10 Incident Energy (eV) 56-Ba-132

MAT 5631

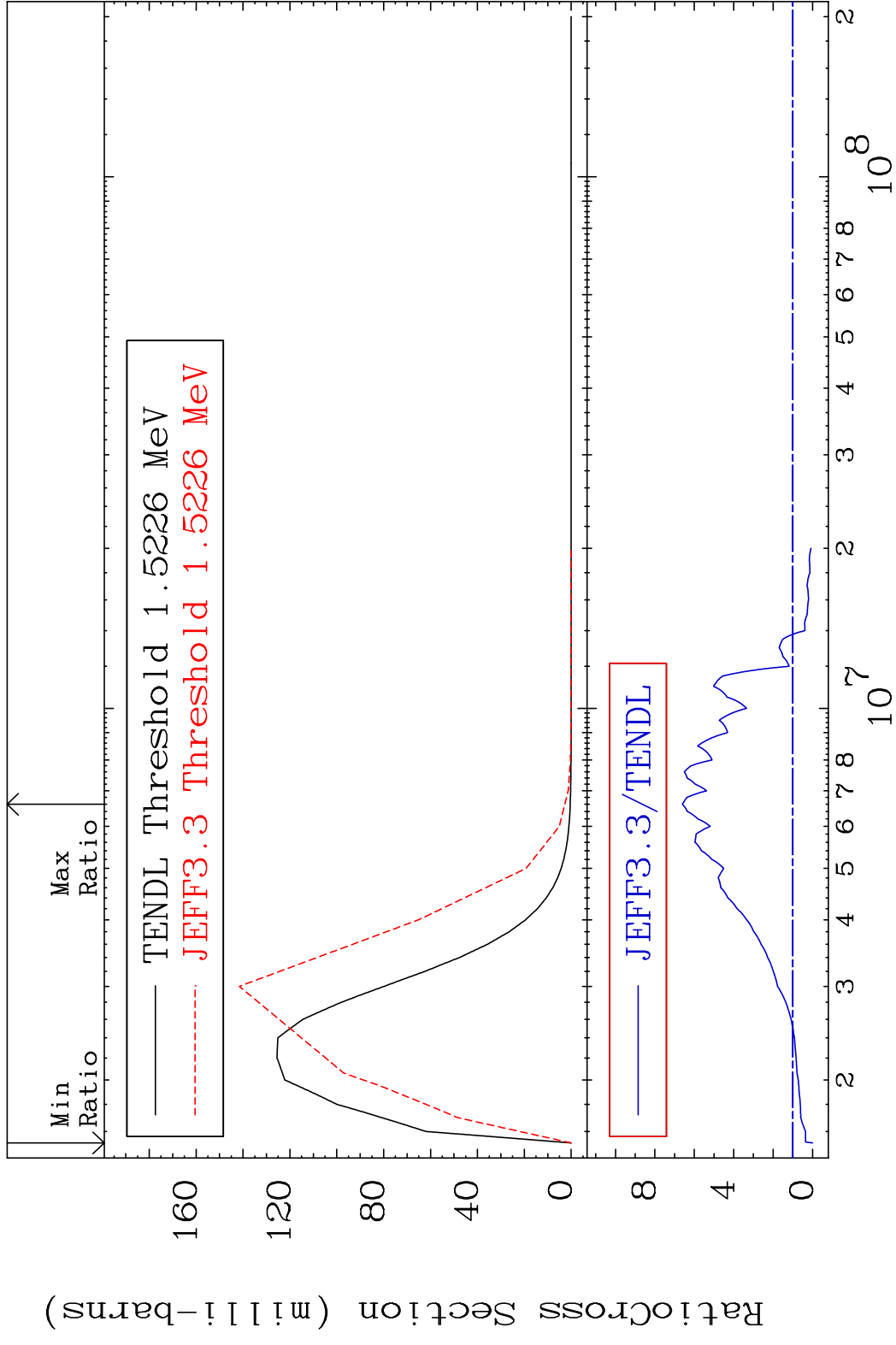
MT= 54 (n,n') Level

56-Ba-132

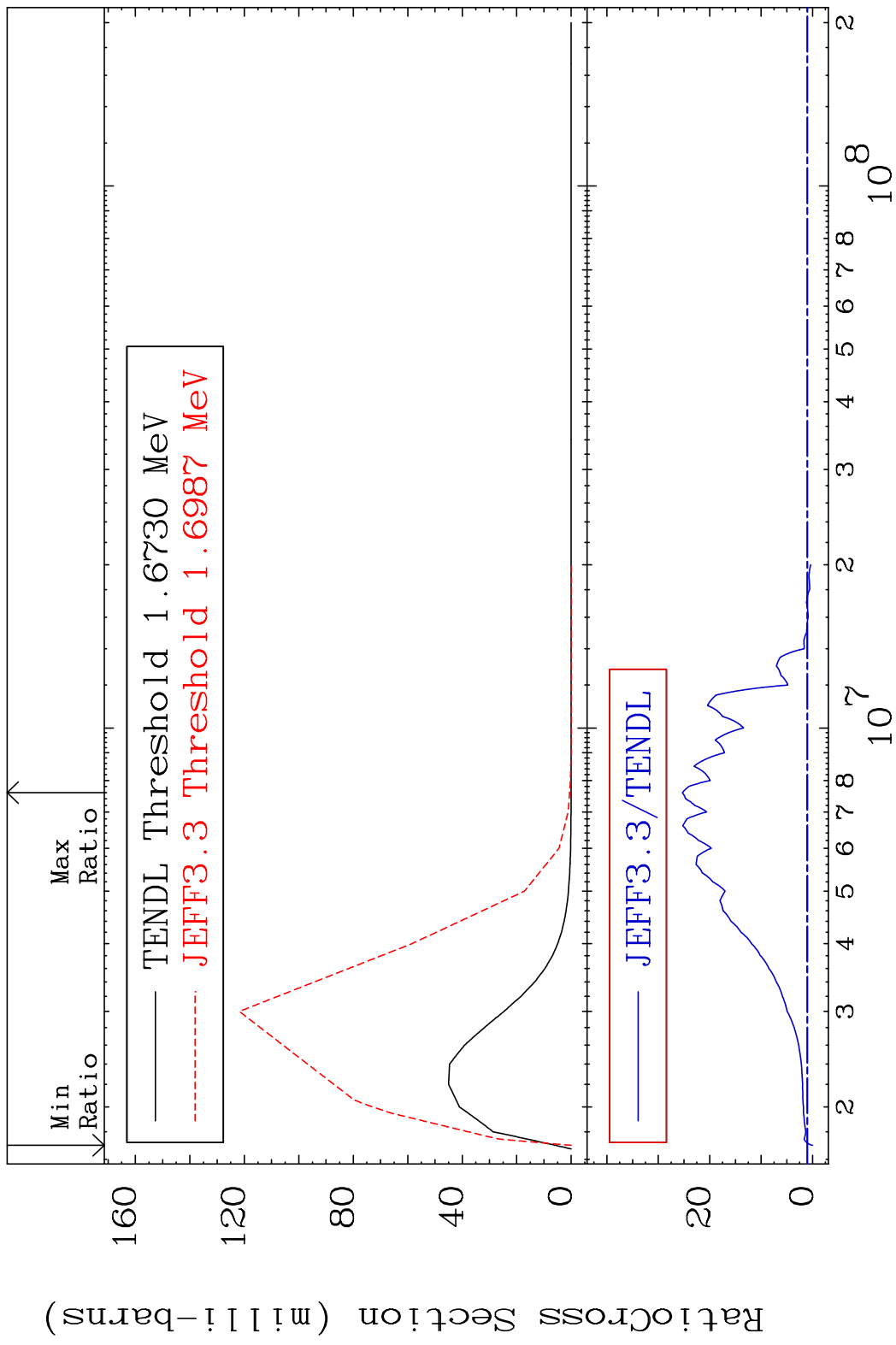
Cross Section -92.44 To 604.4 %



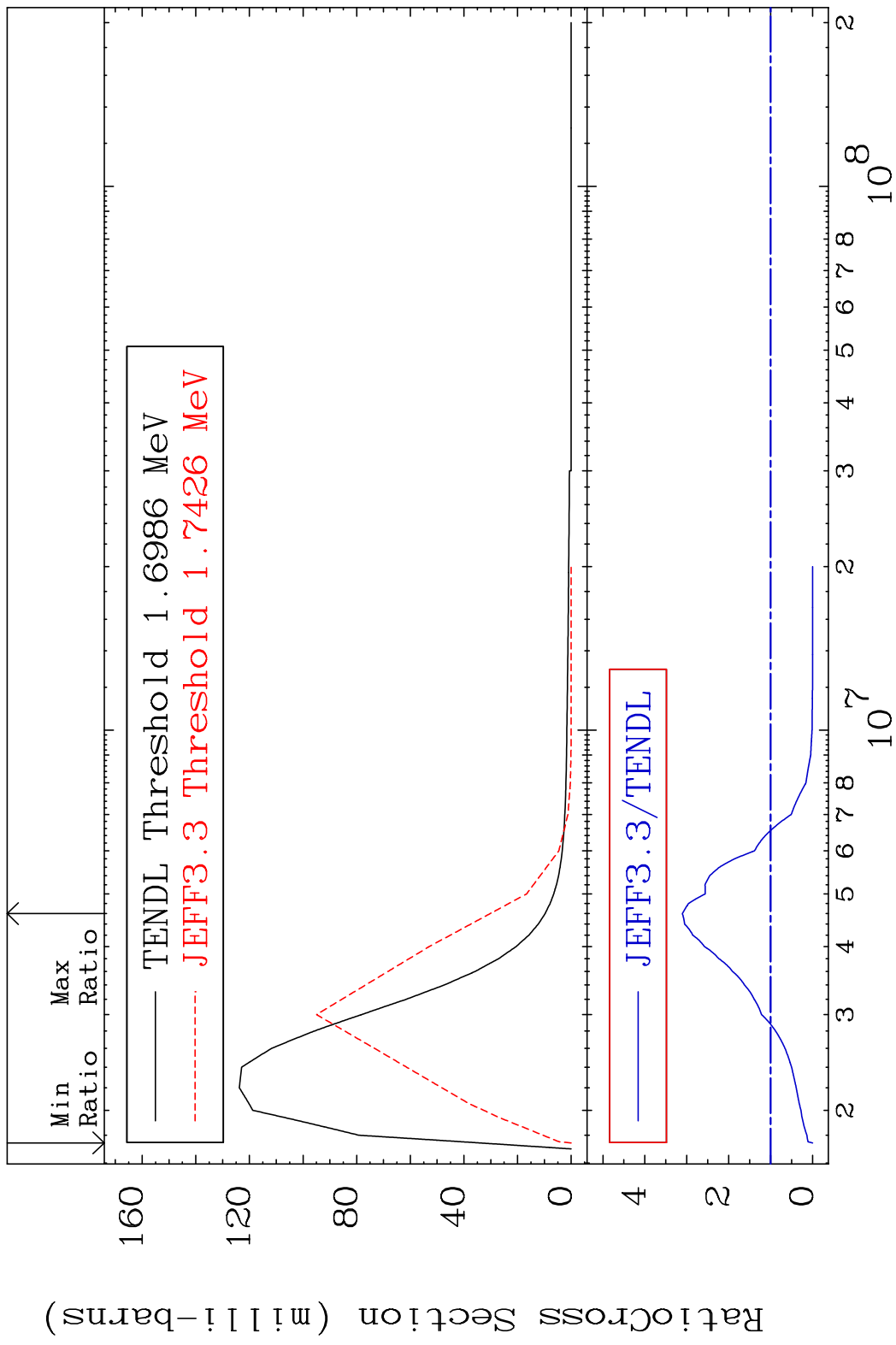
MAT 5631 MT= 55 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 560.6 %



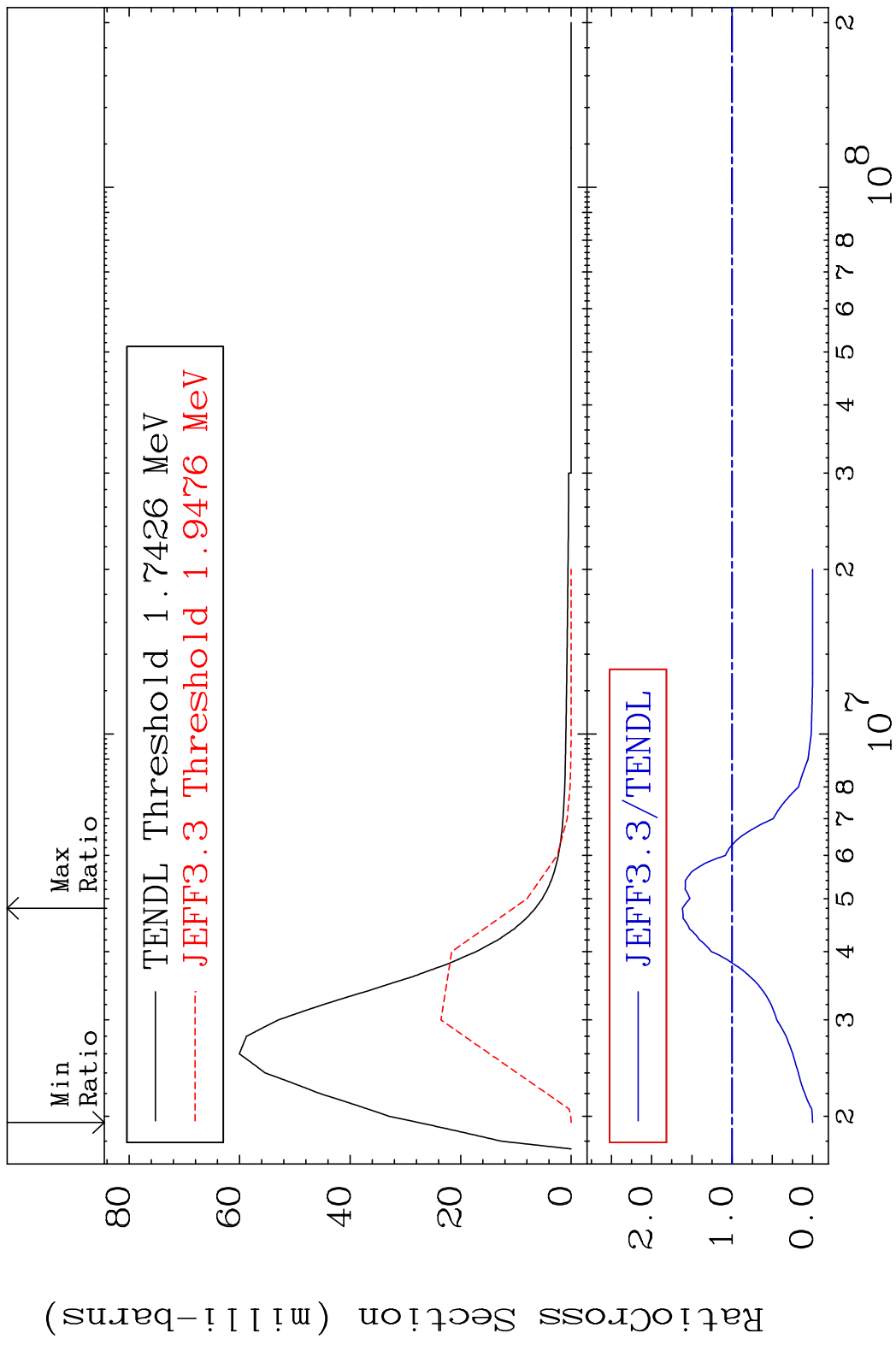
MAT 5631 MT= 56 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 2432. %



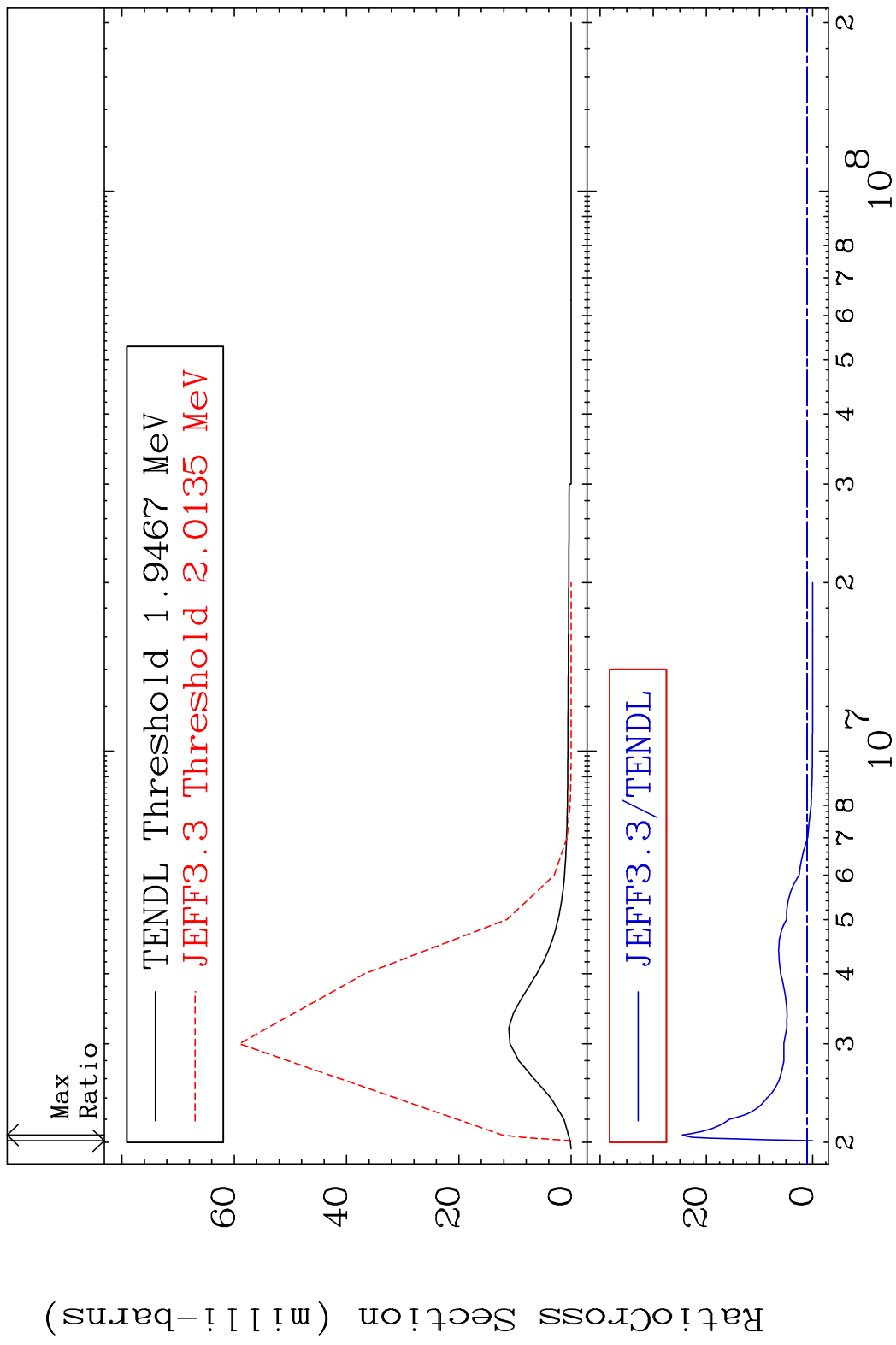
MAT 5631 MT= 57 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 210.5 %



MAT 5631 MT= 58 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 61.84 %

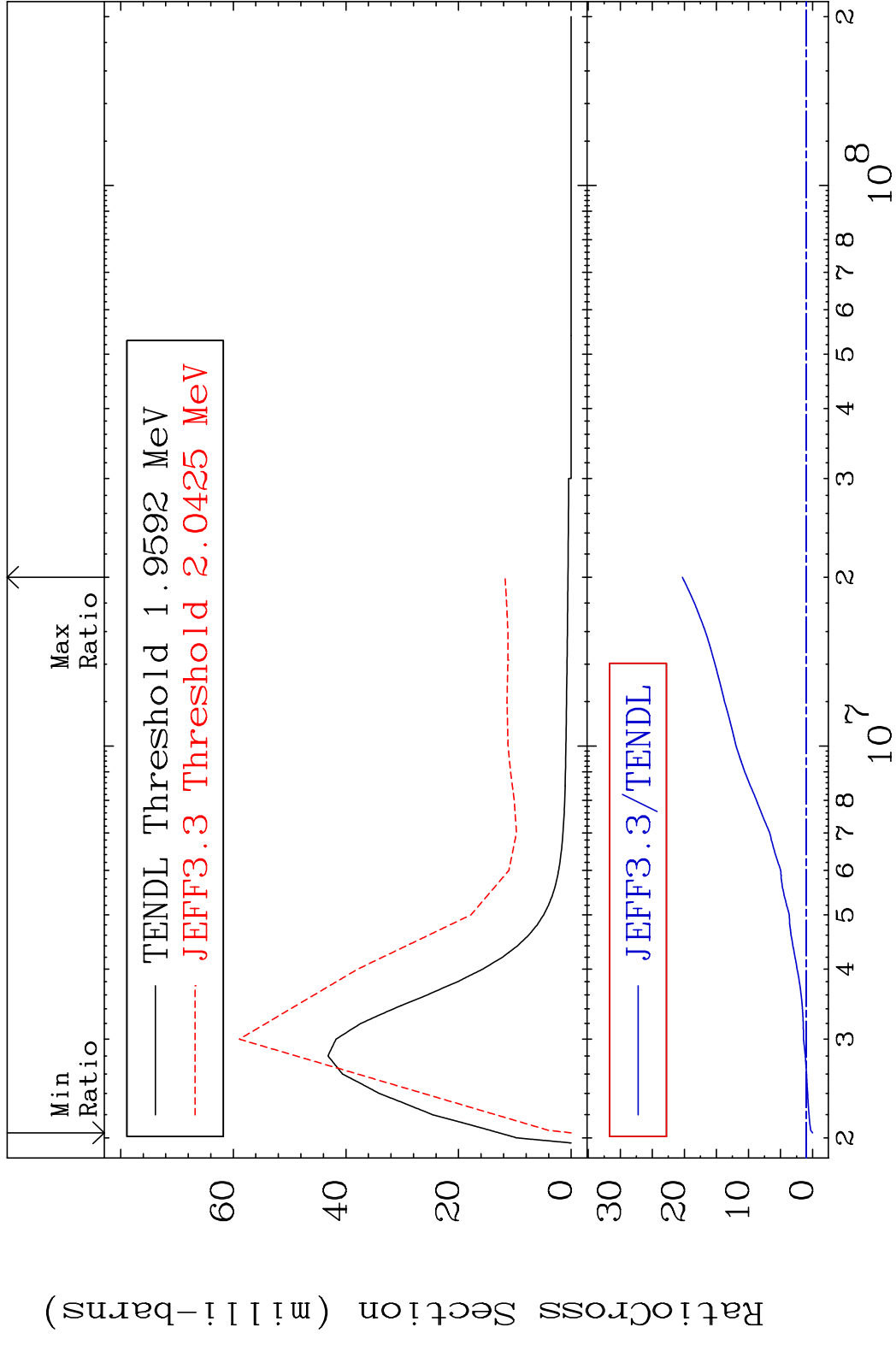


MAT 5631 MT= 59 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 2352. %



16 Incident Energy (eV) 56-Ba-132

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

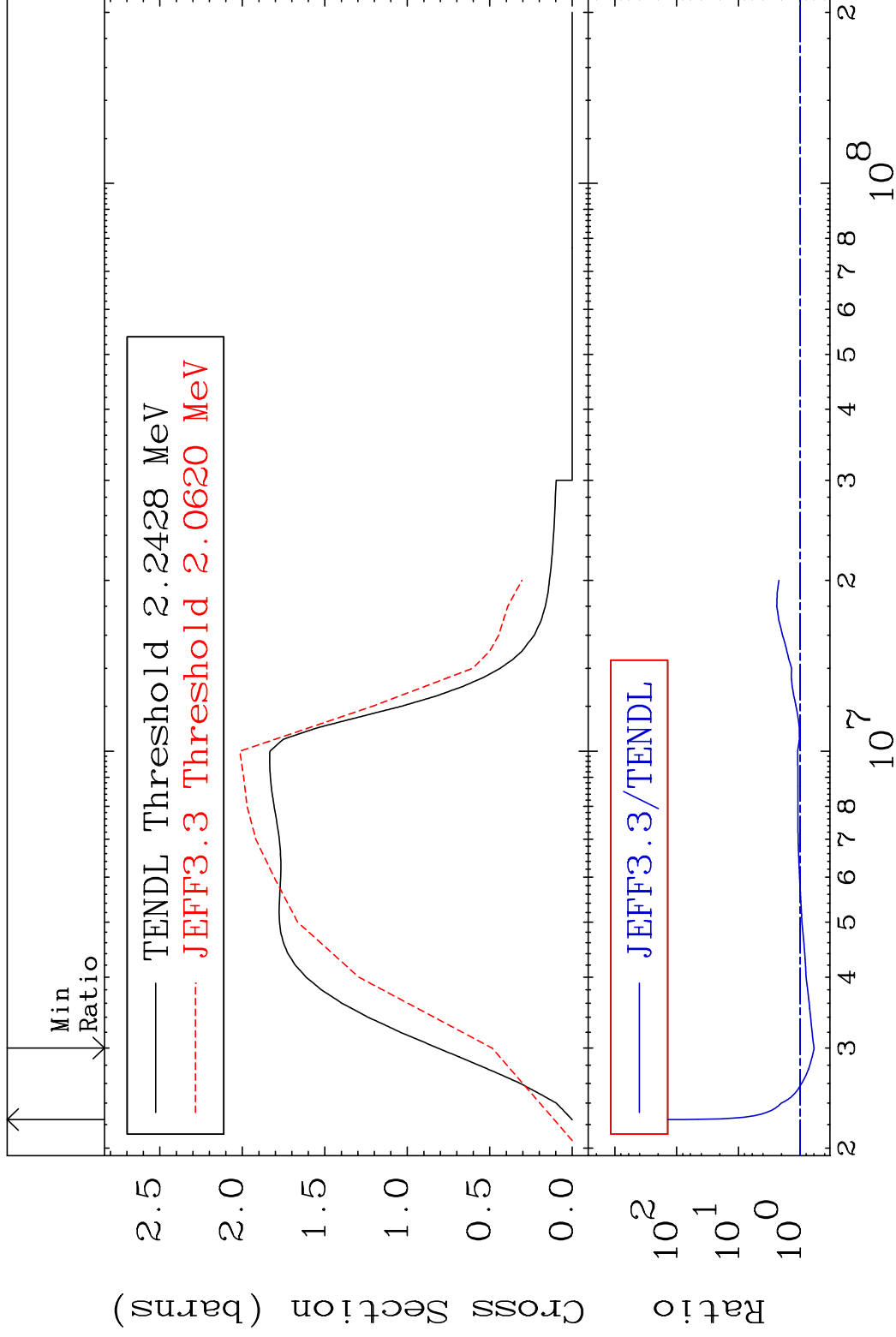


MAT 5631

(n, n') Continuum

56-Ba-132

Cross Section -40.52 To 7613. %



18

Incident Energy (eV)

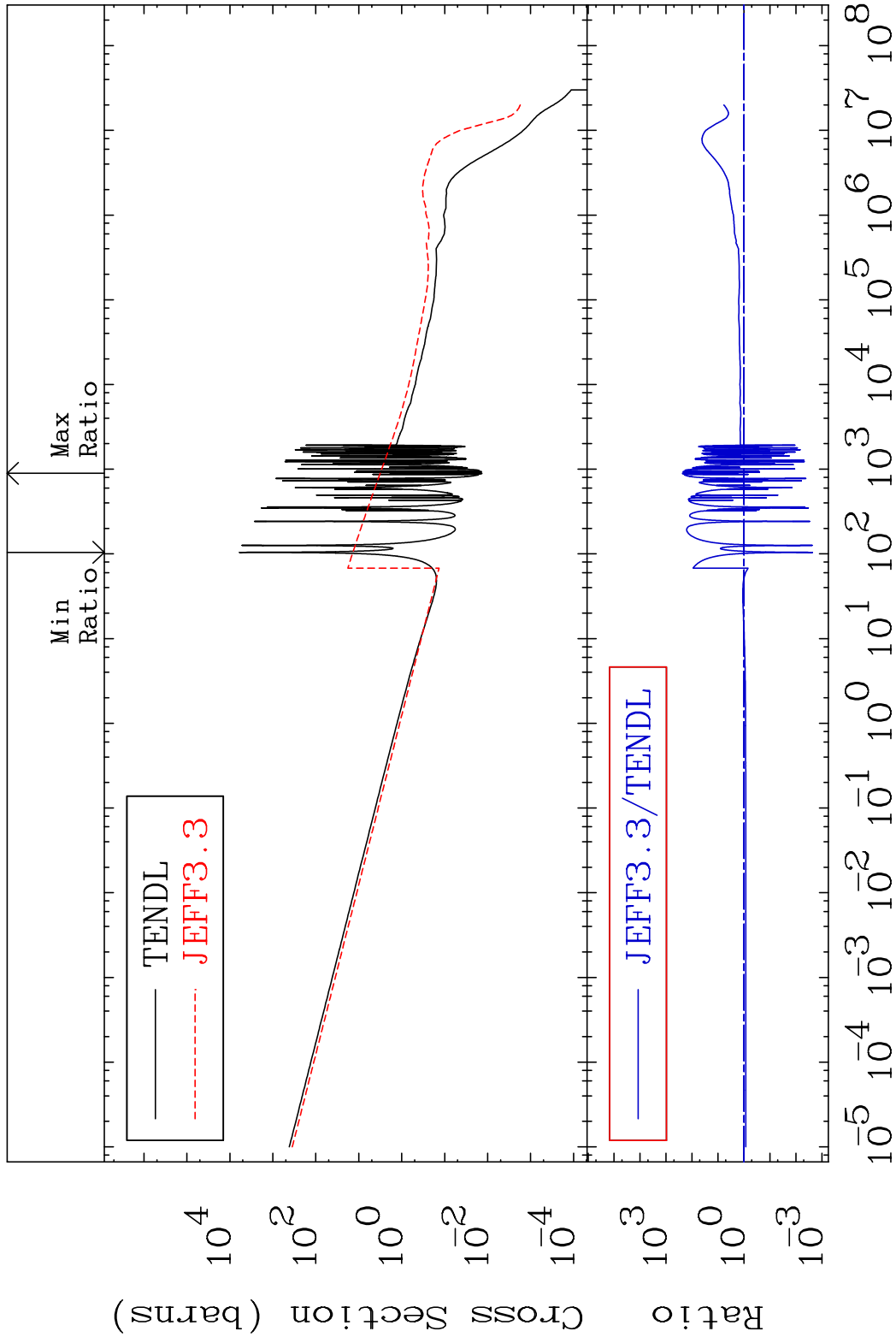
56-Ba-132

MAT 5631

(n, γ)

56-Ba-132

Cross Section -99.777 To 9999. %



19

Incident Energy (eV)

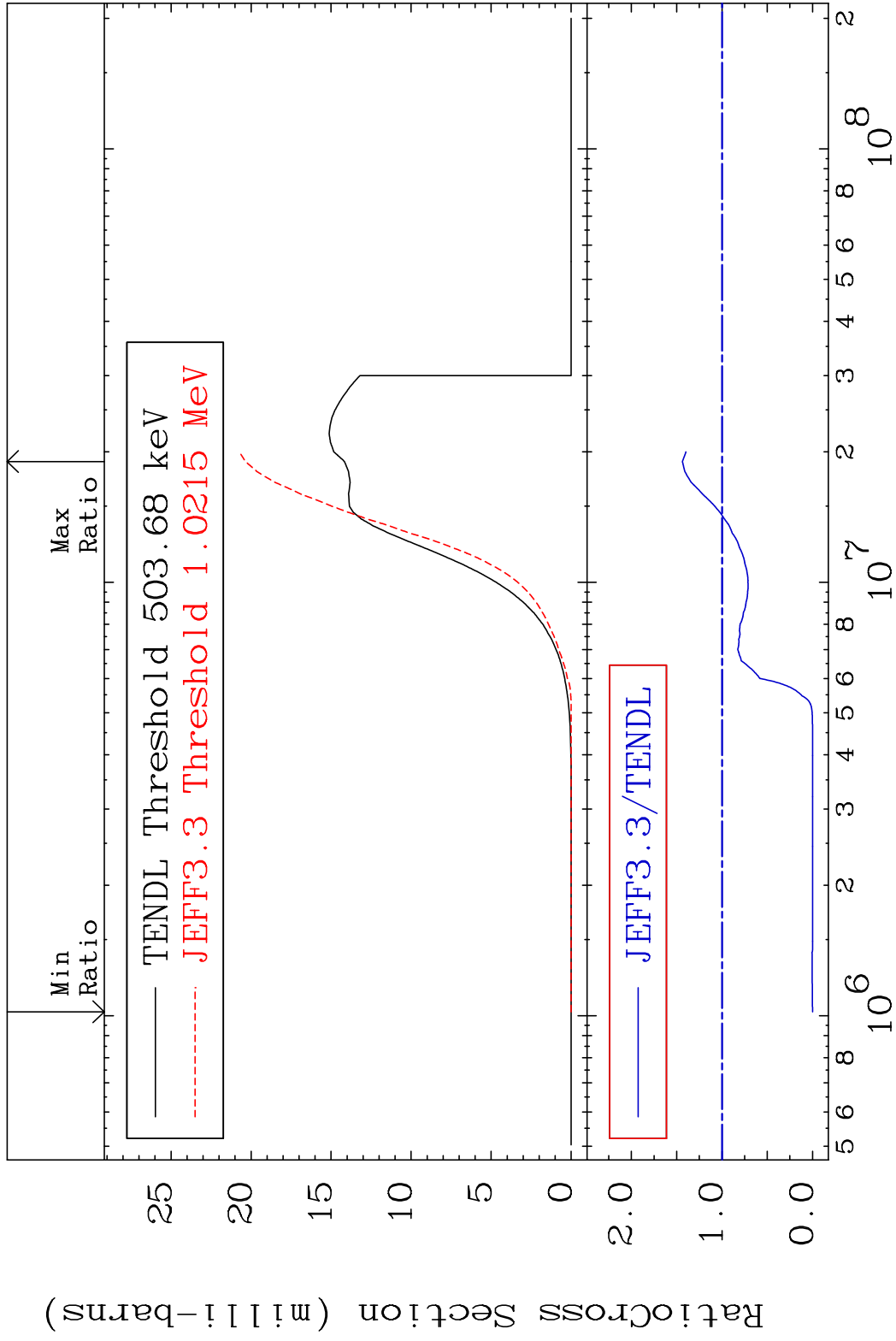
56-Ba-132

MAT 5631

(n,p)

56-Ba-132

Cross Section -100.0 To 43.76 %



20

Incident Energy (eV)

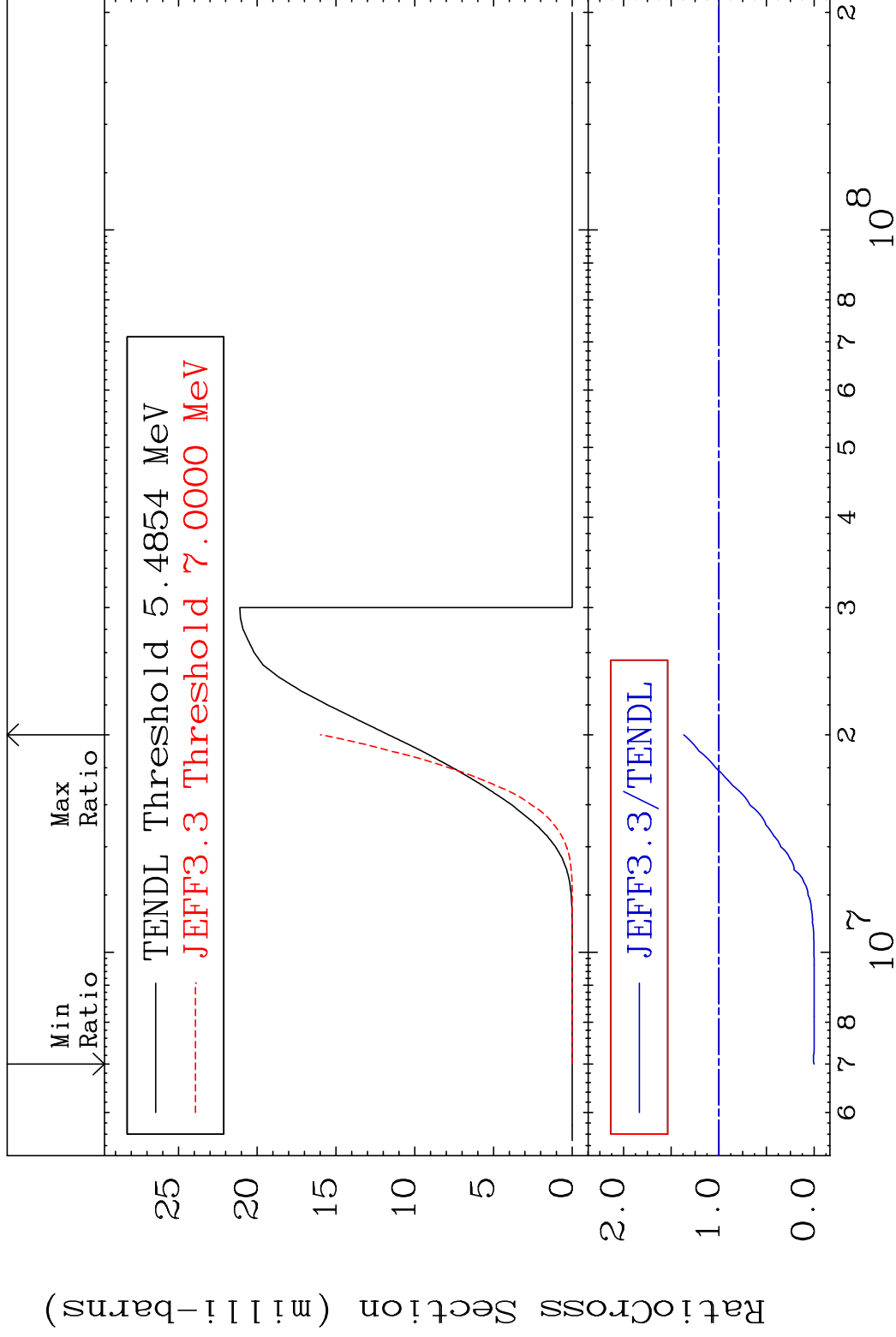
56-Ba-132

MAT 5631

(n, d)

56-Ba-132

Cross Section -100.0 To 36.92 %



21

Incident Energy (eV)

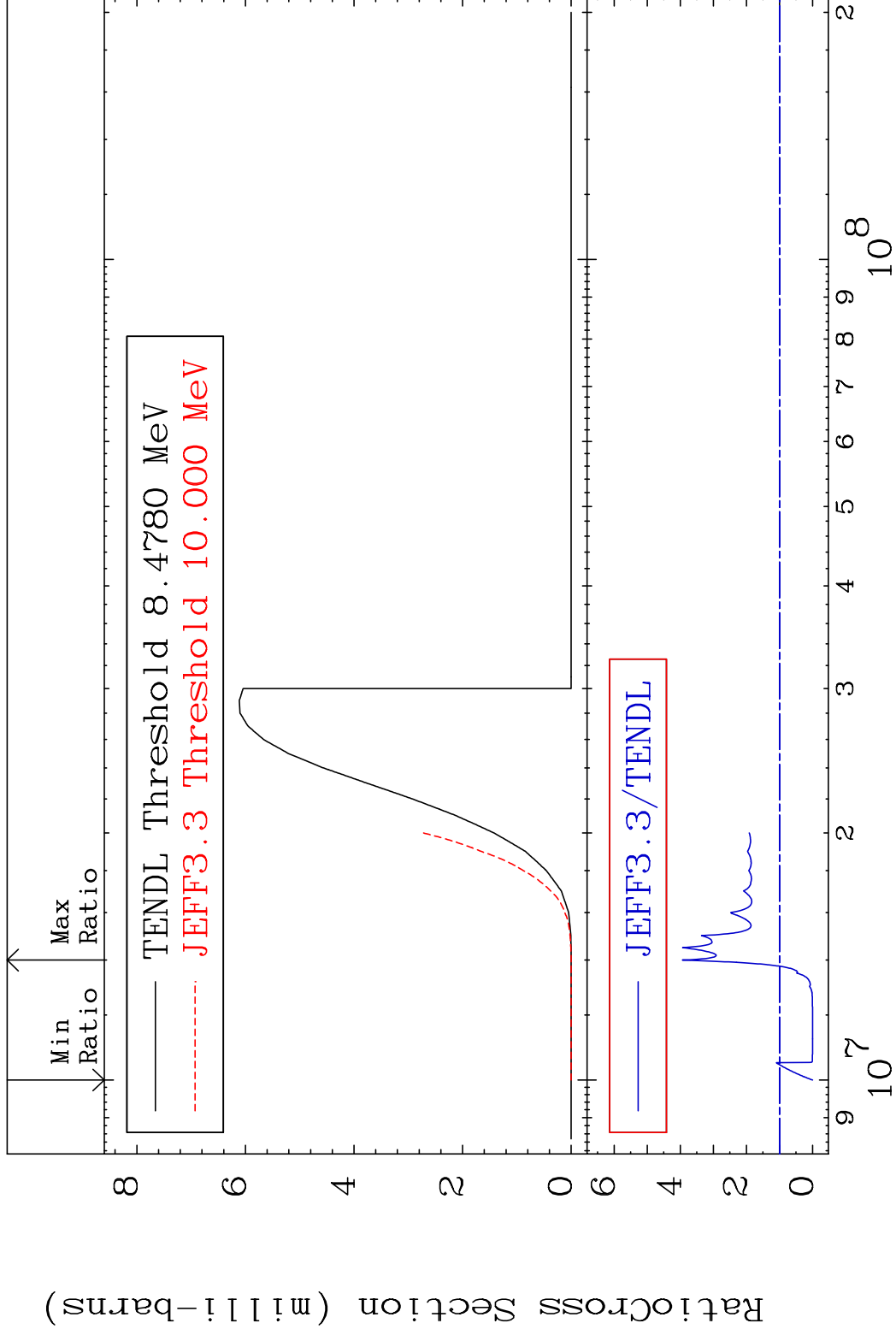
56-Ba-132

MAT 5631

(n, t)

56-Ba-132

Cross Section -100.0 To 293.7 %



22

Incident Energy (eV)

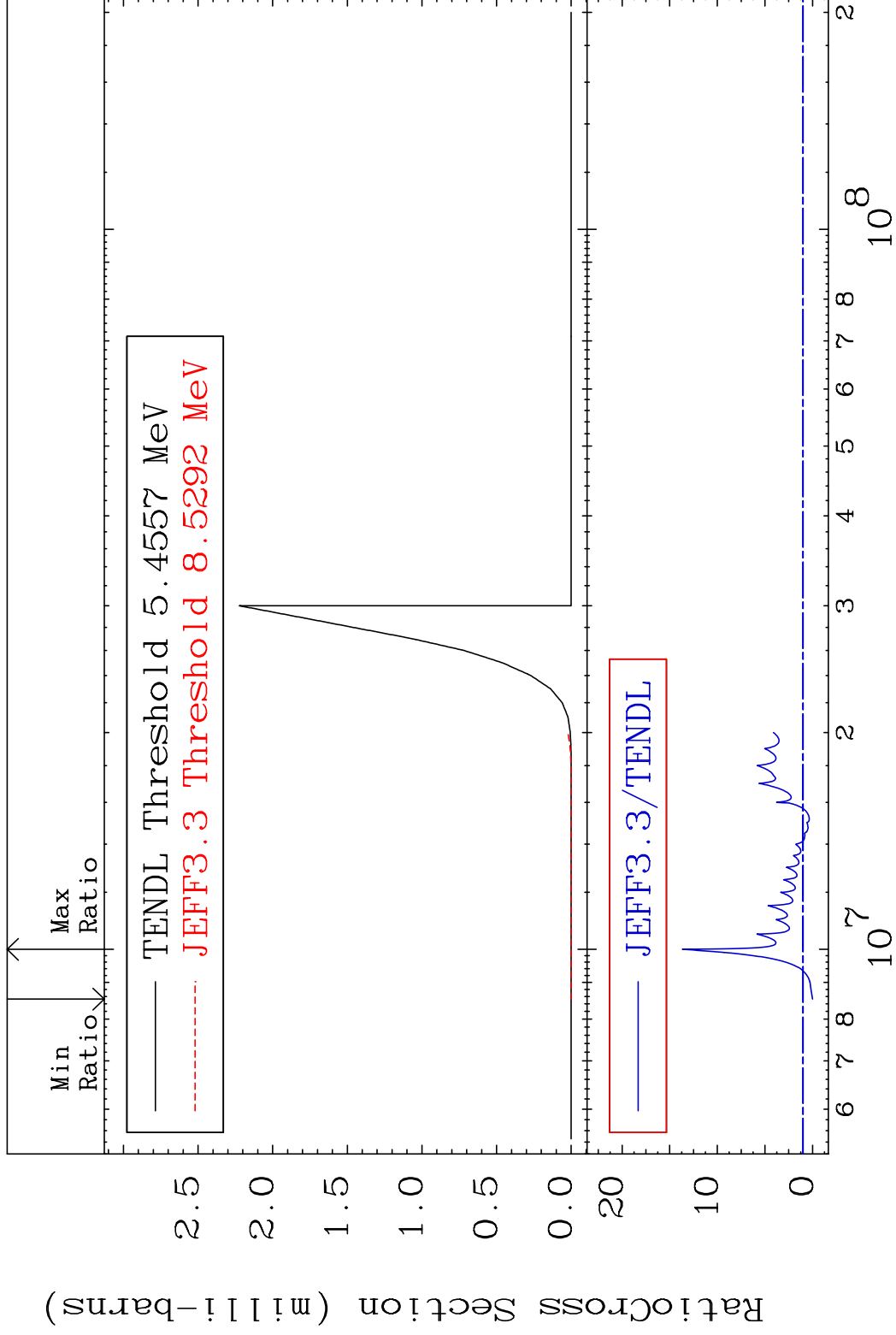
56-Ba-132

MAT 5631

(n, He-3)

56-Ba-132

Cross Section -100.0 To 1267. %

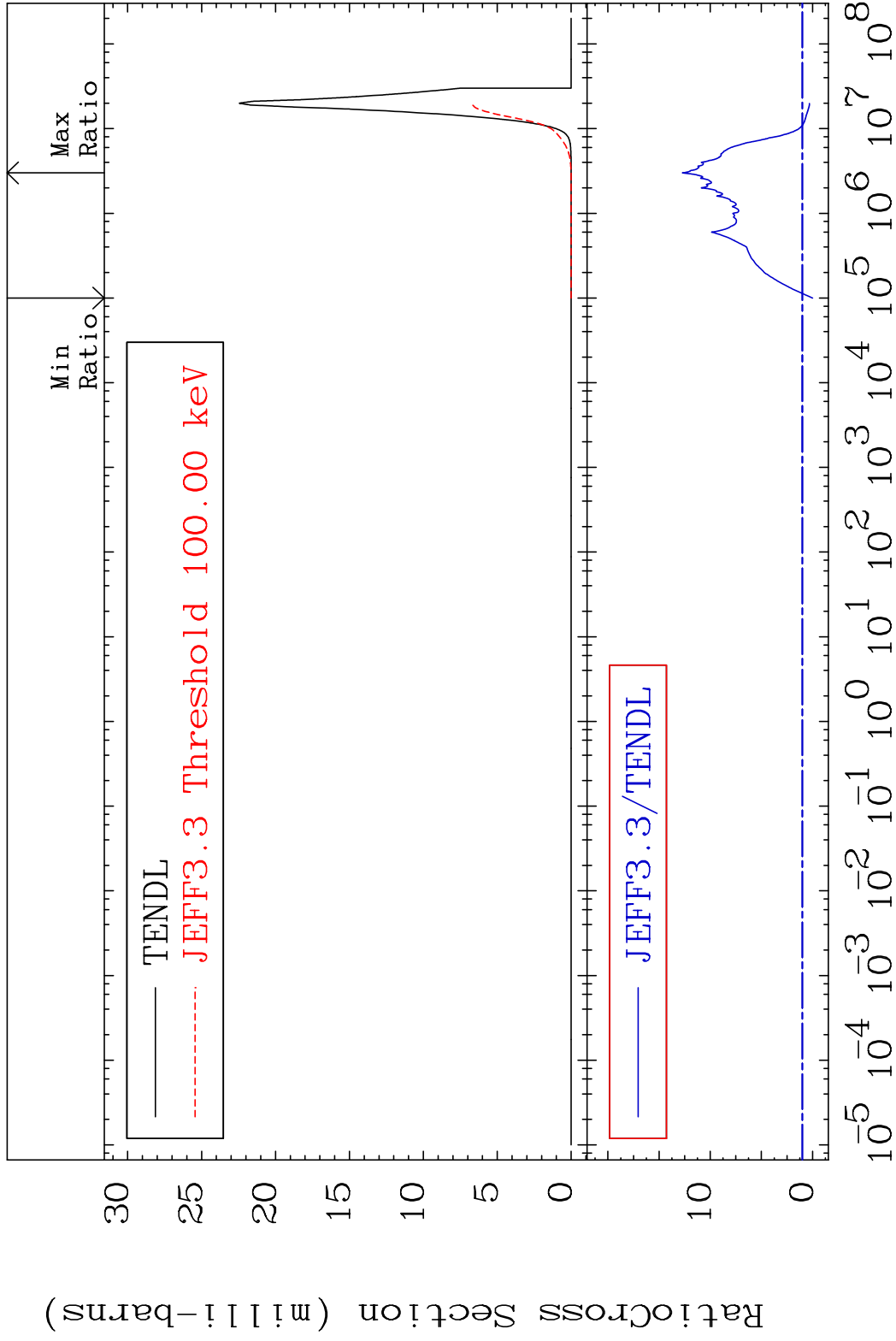


MAT 5631

(n, α)

56-Ba-132

Cross Section -100.0 To 1173. %



24

Incident Energy (eV)

56-Ba-132

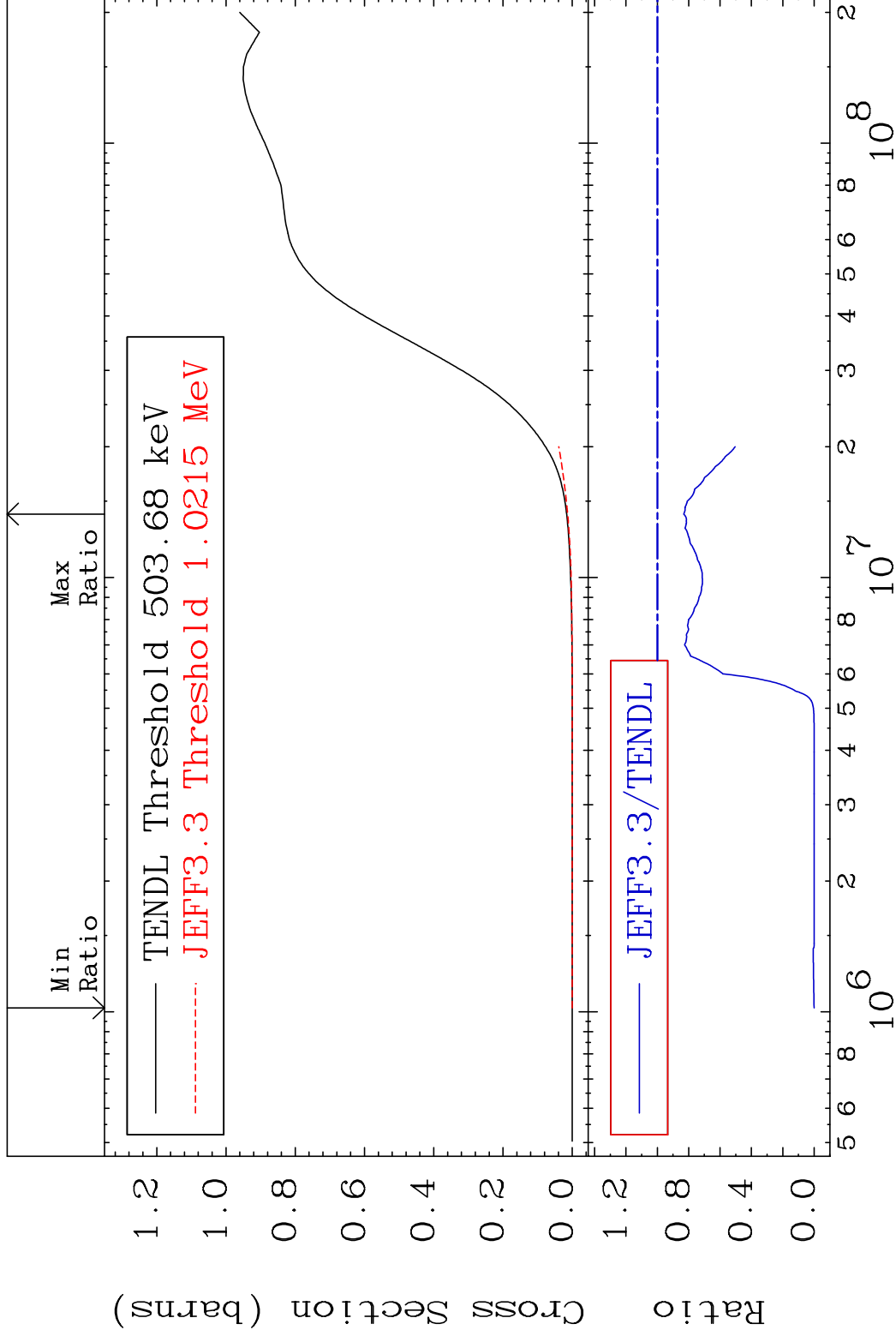
MAT 5631

Hydrogen Production

56-Ba-132

Cross Section

-100.0 To -16.80%



25

Incident Energy (eV)

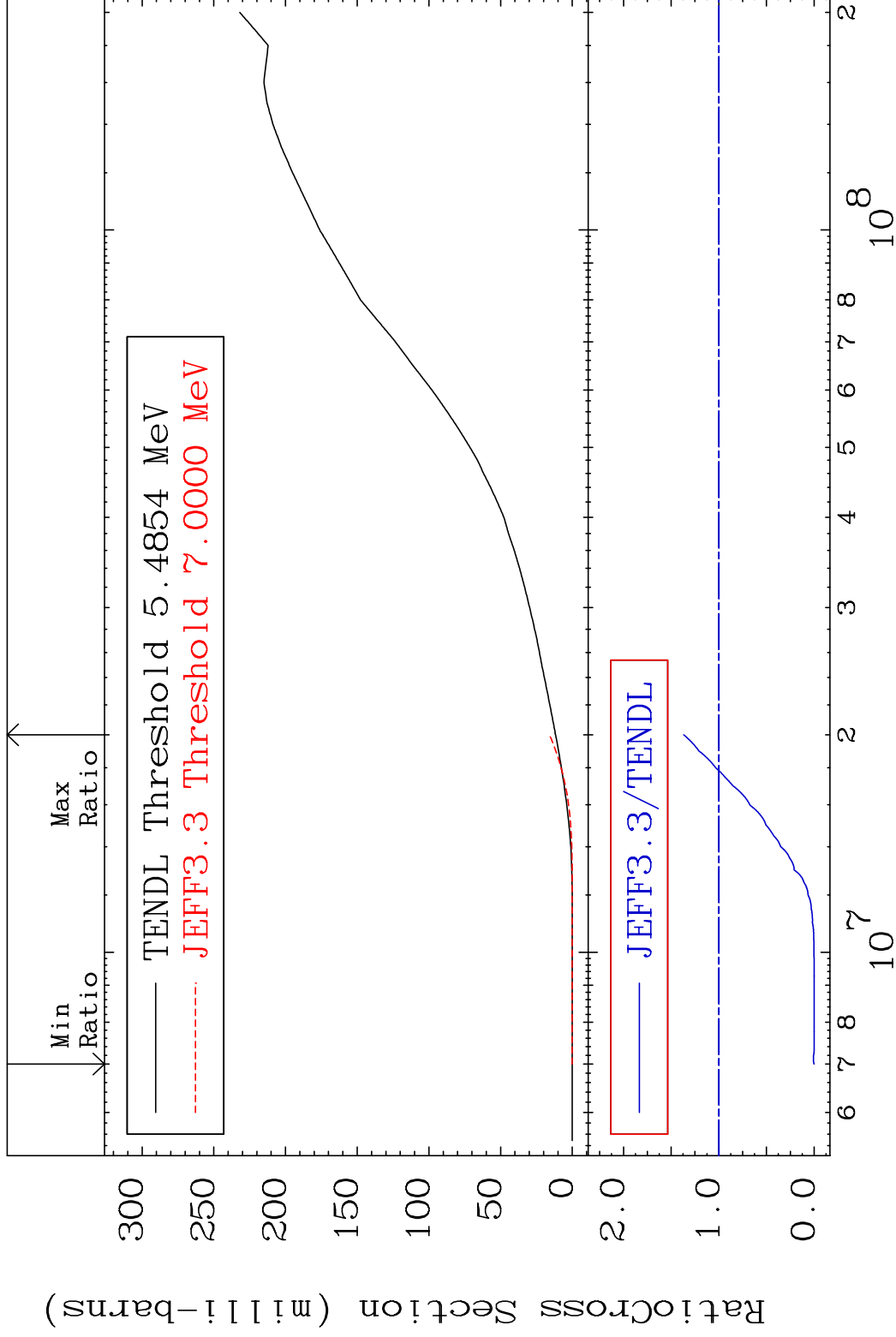
56-Ba-132

MAT 5631

Deuterium Production

56-Ba-132

Cross Section -100.0 To 36.89 %



26

Incident Energy (eV)

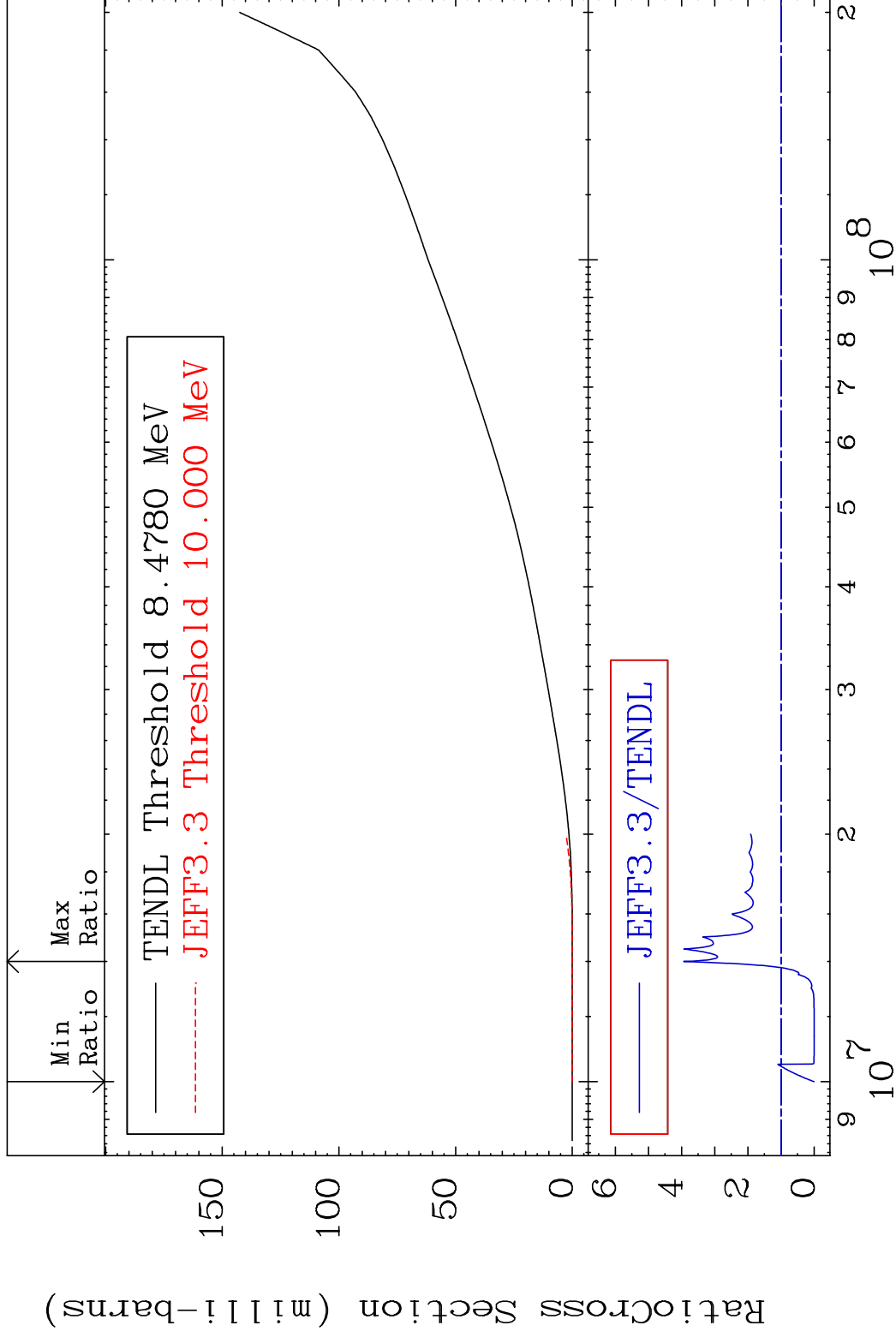
56-Ba-132

MAT 5631

Tritium Production

56-Ba-132

Cross Section -100.0 To 293.7 %



27

Incident Energy (eV)

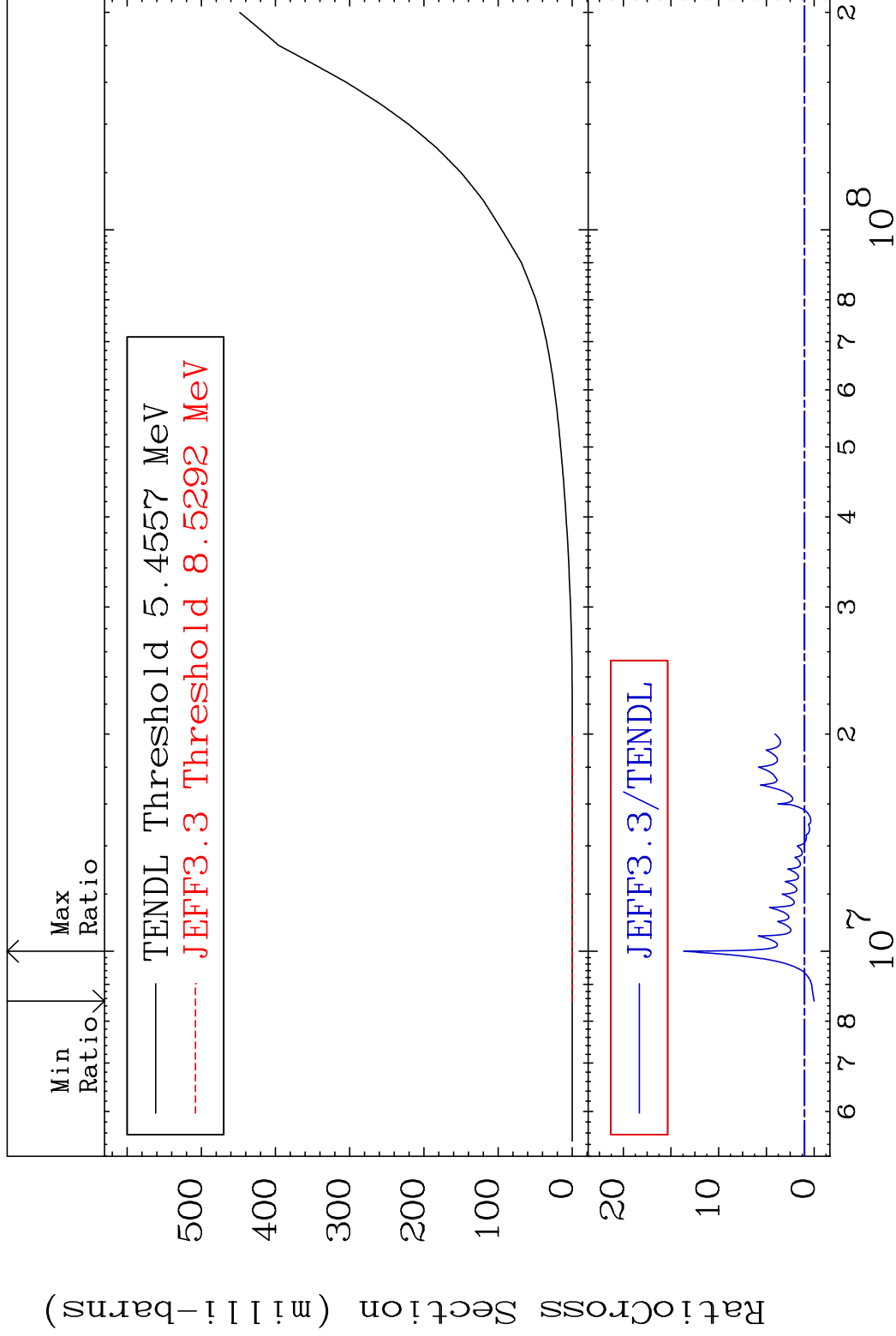
56-Ba-132

MAT 5631

He-3 Production

56-Ba-132

Cross Section -100.0 To 1267. %



28

Incident Energy (eV)

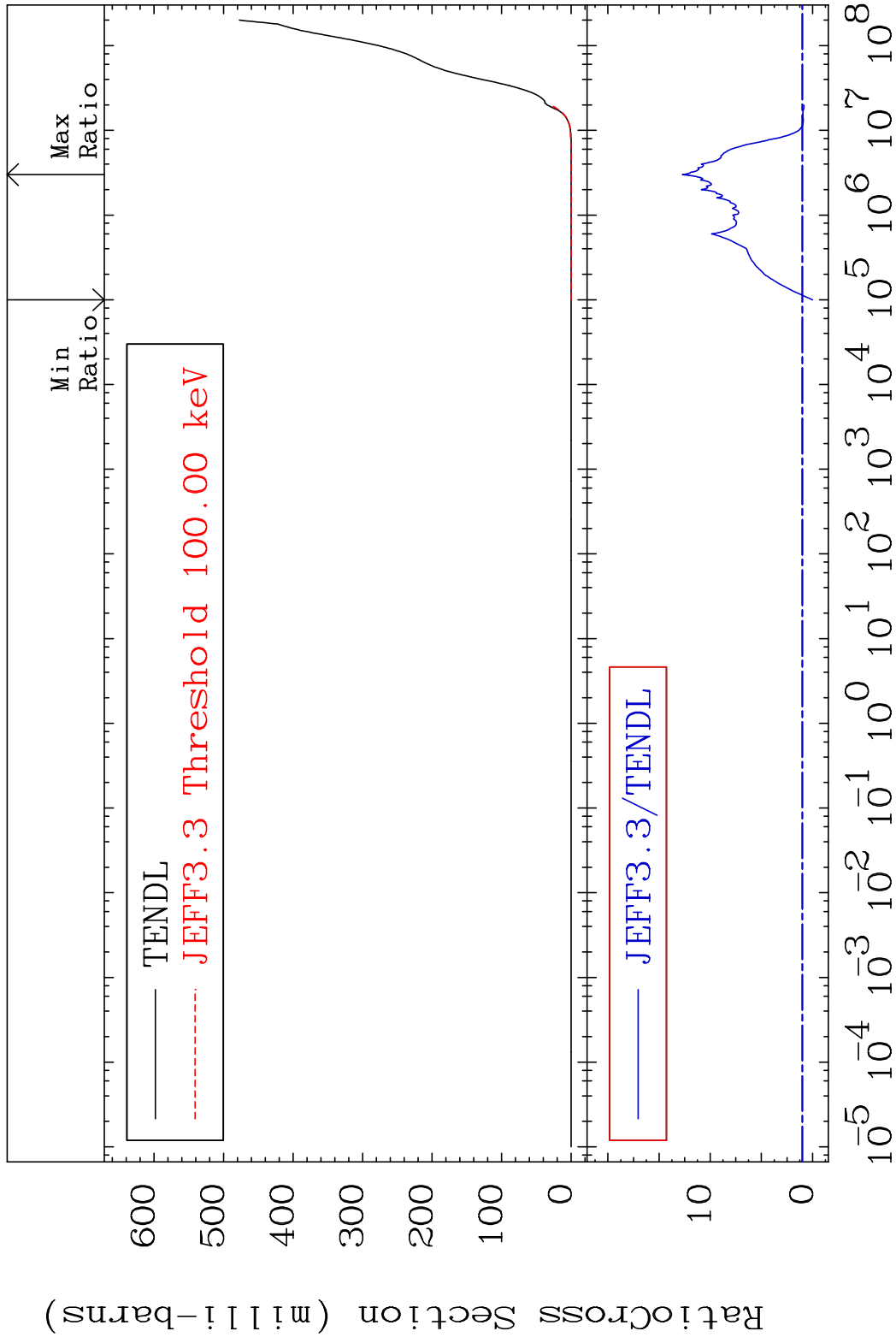
56-Ba-132

MAT 5631

He-4 Production

56-Ba-132

Cross Section -100.0 To 1173. %

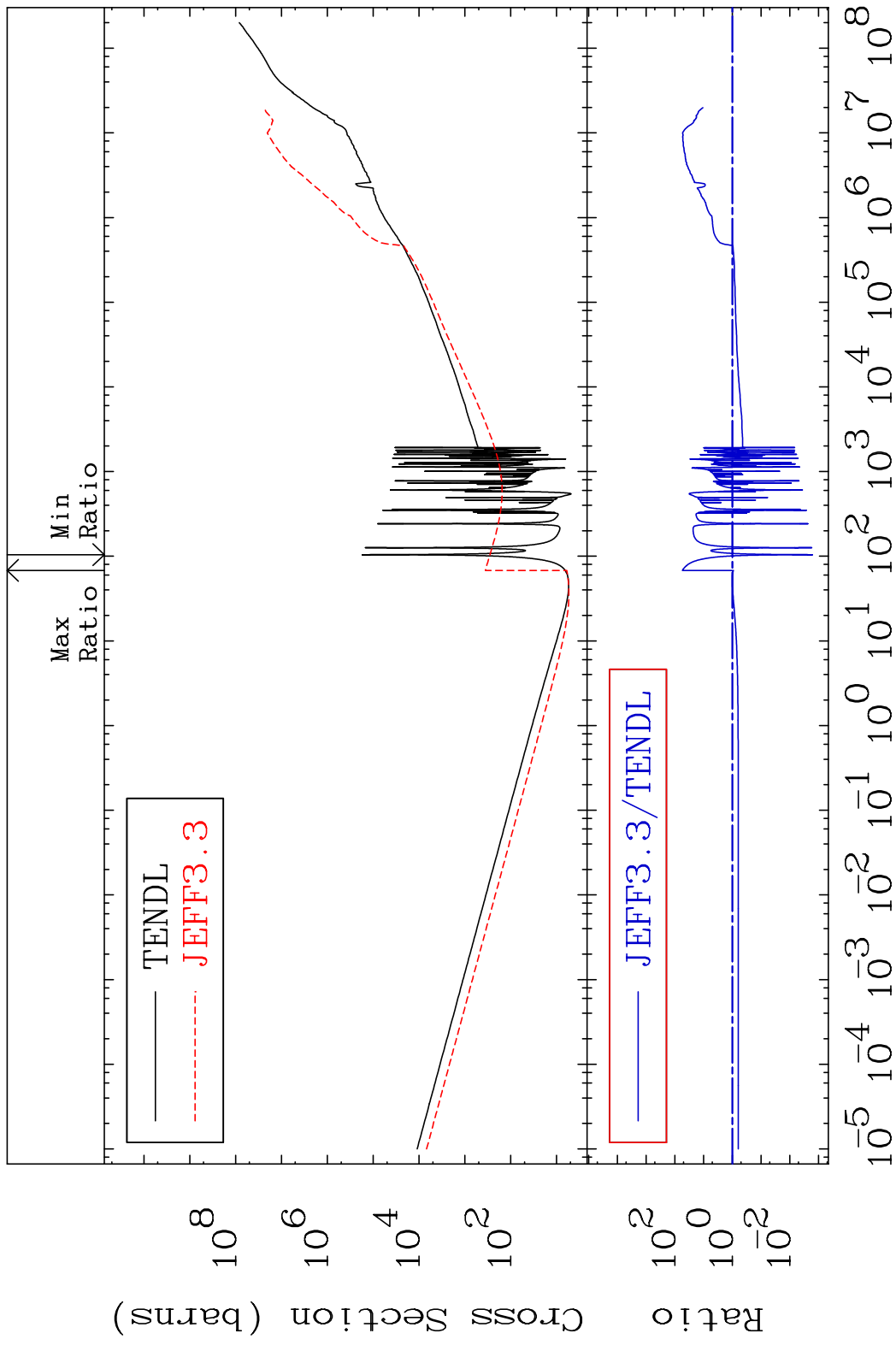


29

Incident Energy (eV)

56-Ba-132

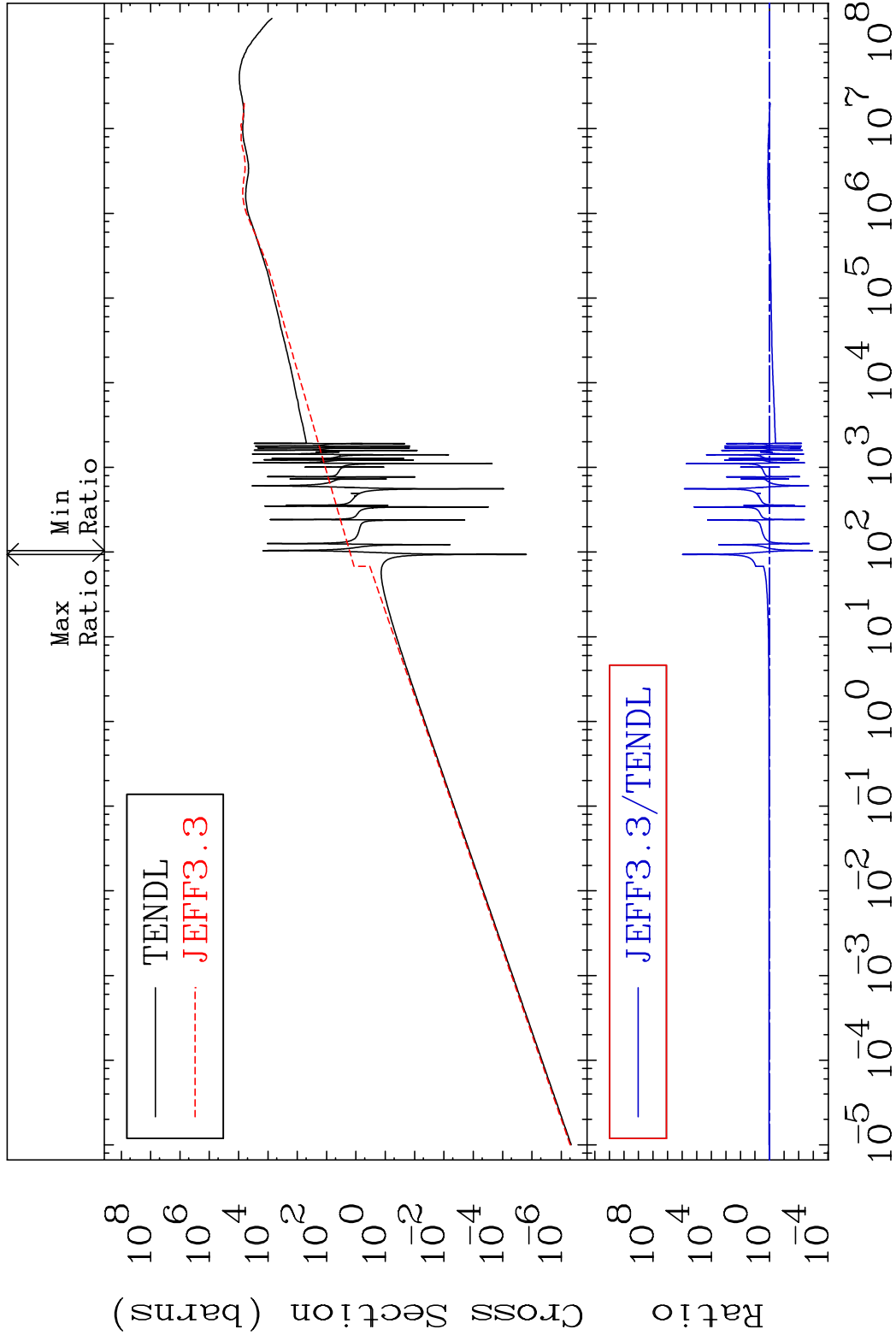
MAT 5631 Kerma total (eV-barns) 56-Ba-132
 Cross Section -99.84 To 5417. %



MAT 5631

Kerma elastic
Cross Section

56-Ba-132
-99.89 To 9999. %

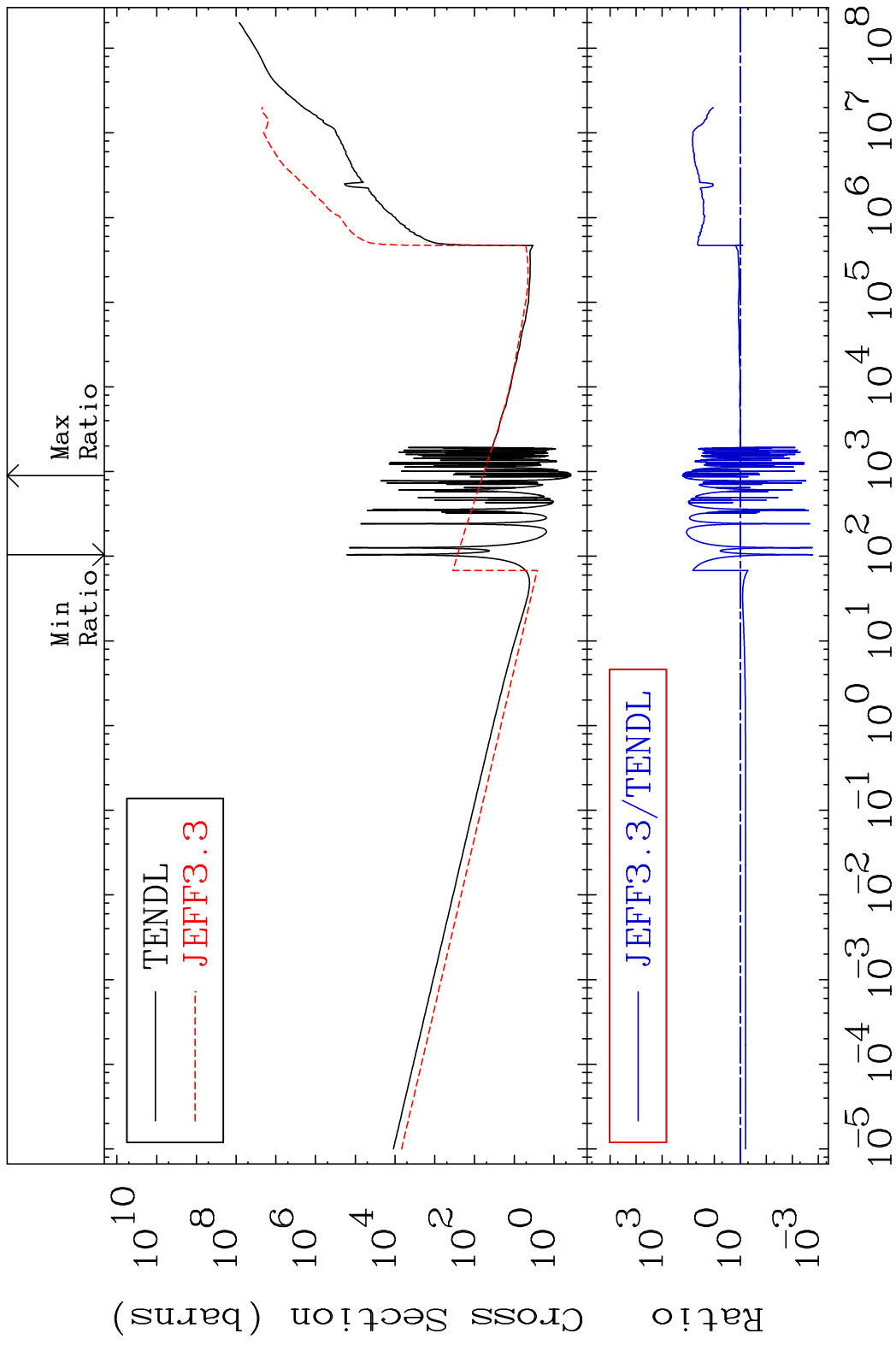


31

Incident Energy (eV)

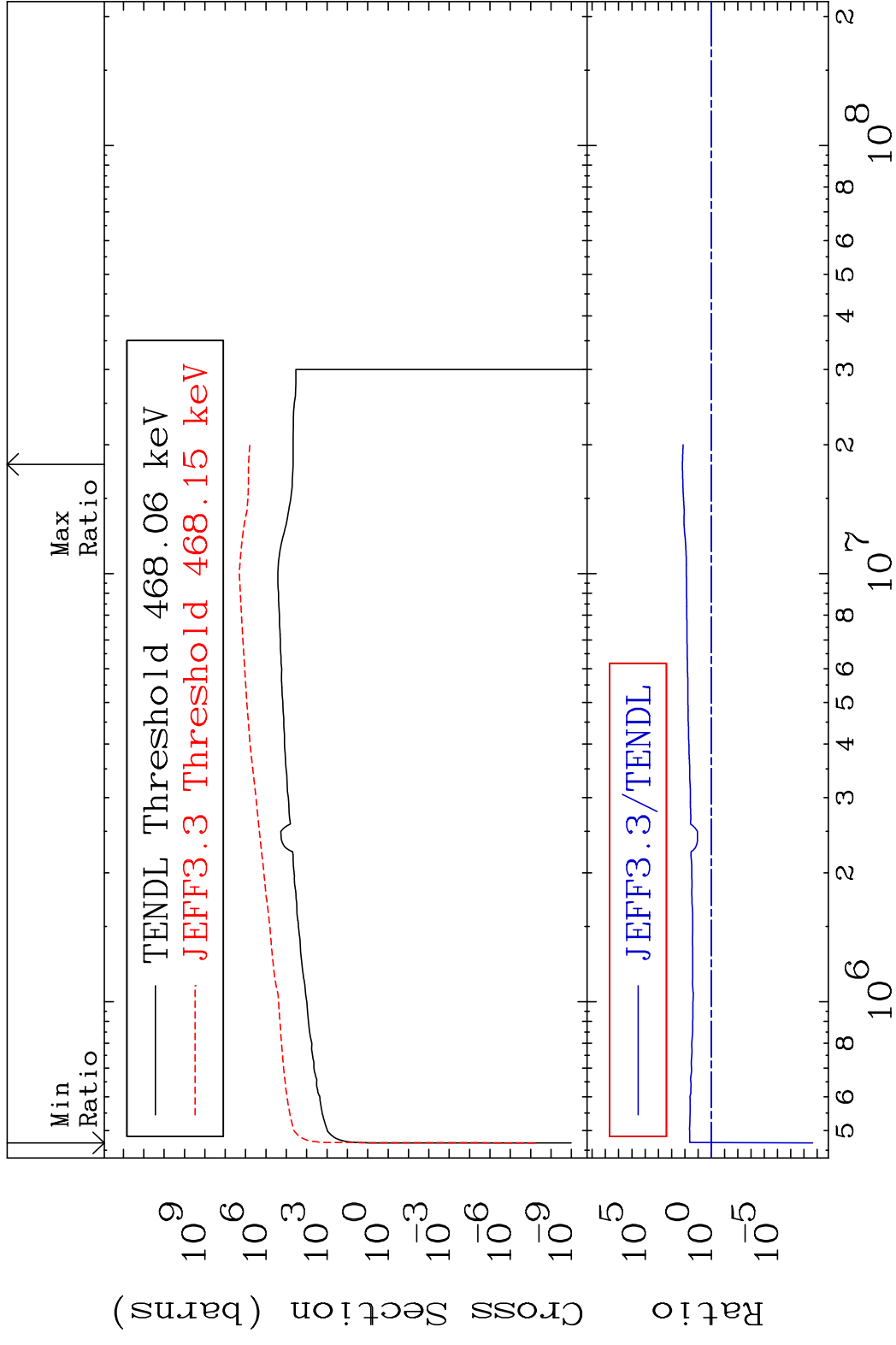
56-Ba-132

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

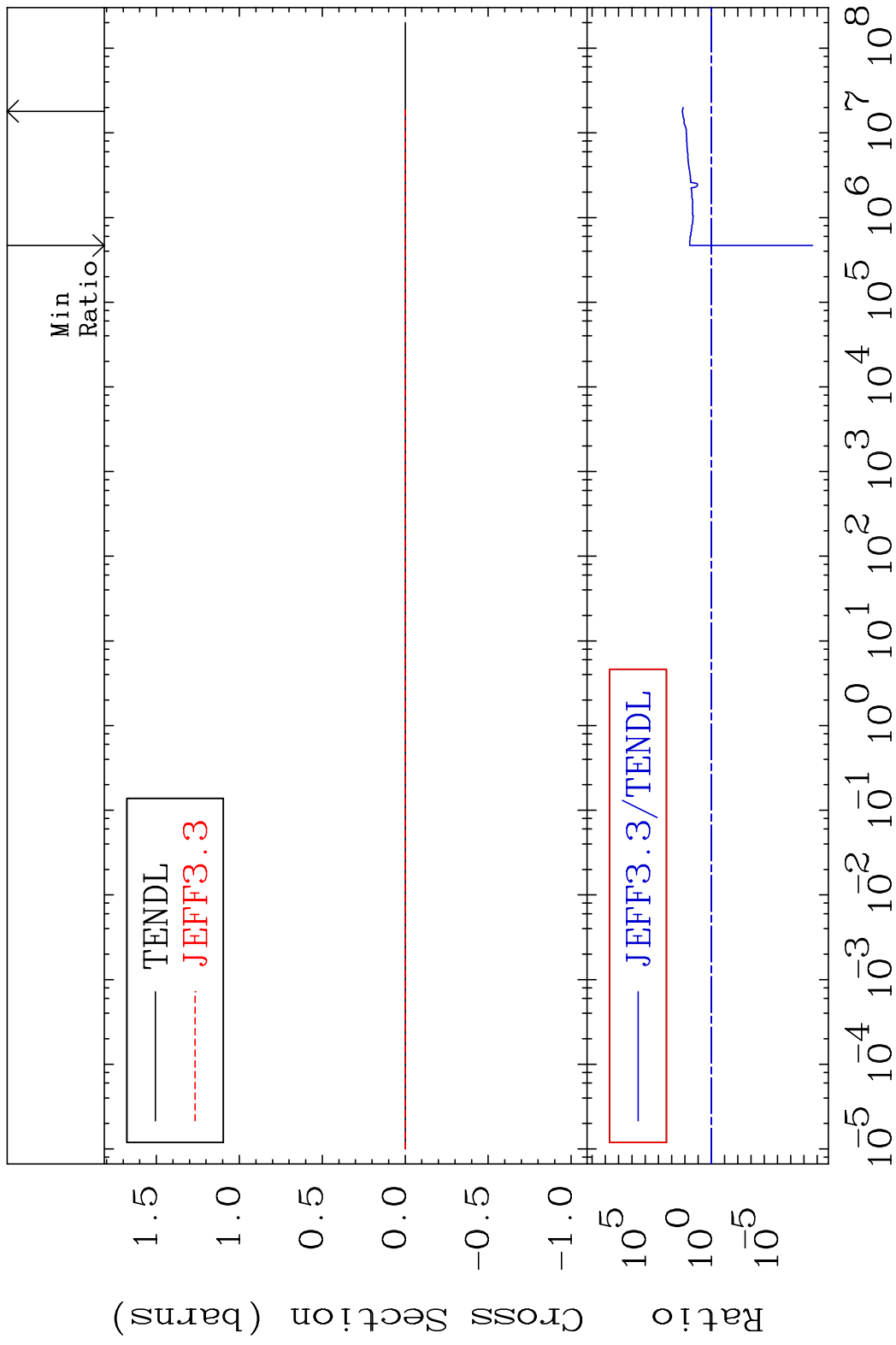


32 Incident Energy (eV) 56-Ba-132

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

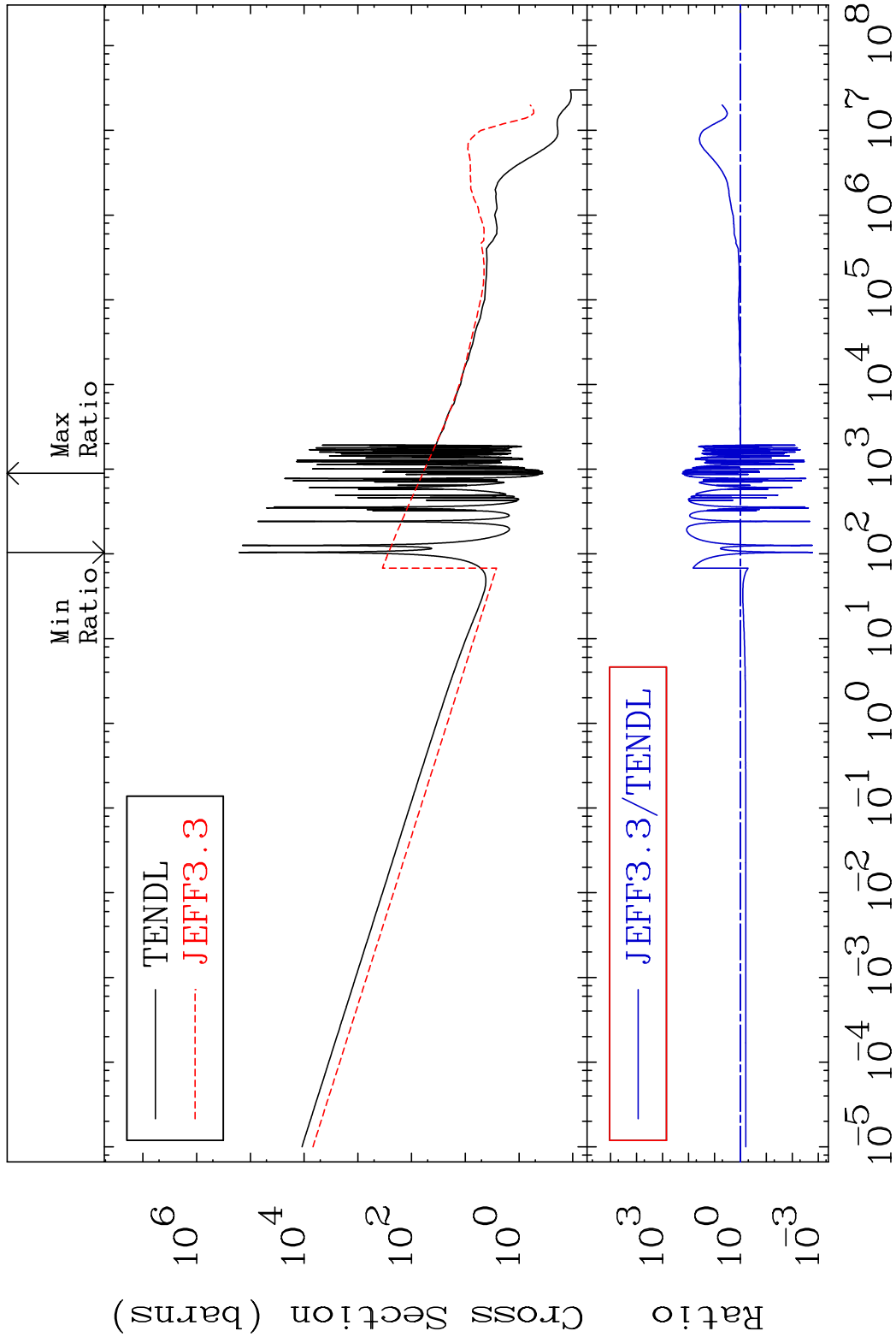


MAT 5631 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-132
 Cross Section -100.0 To 9999. %



MAT 5631

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

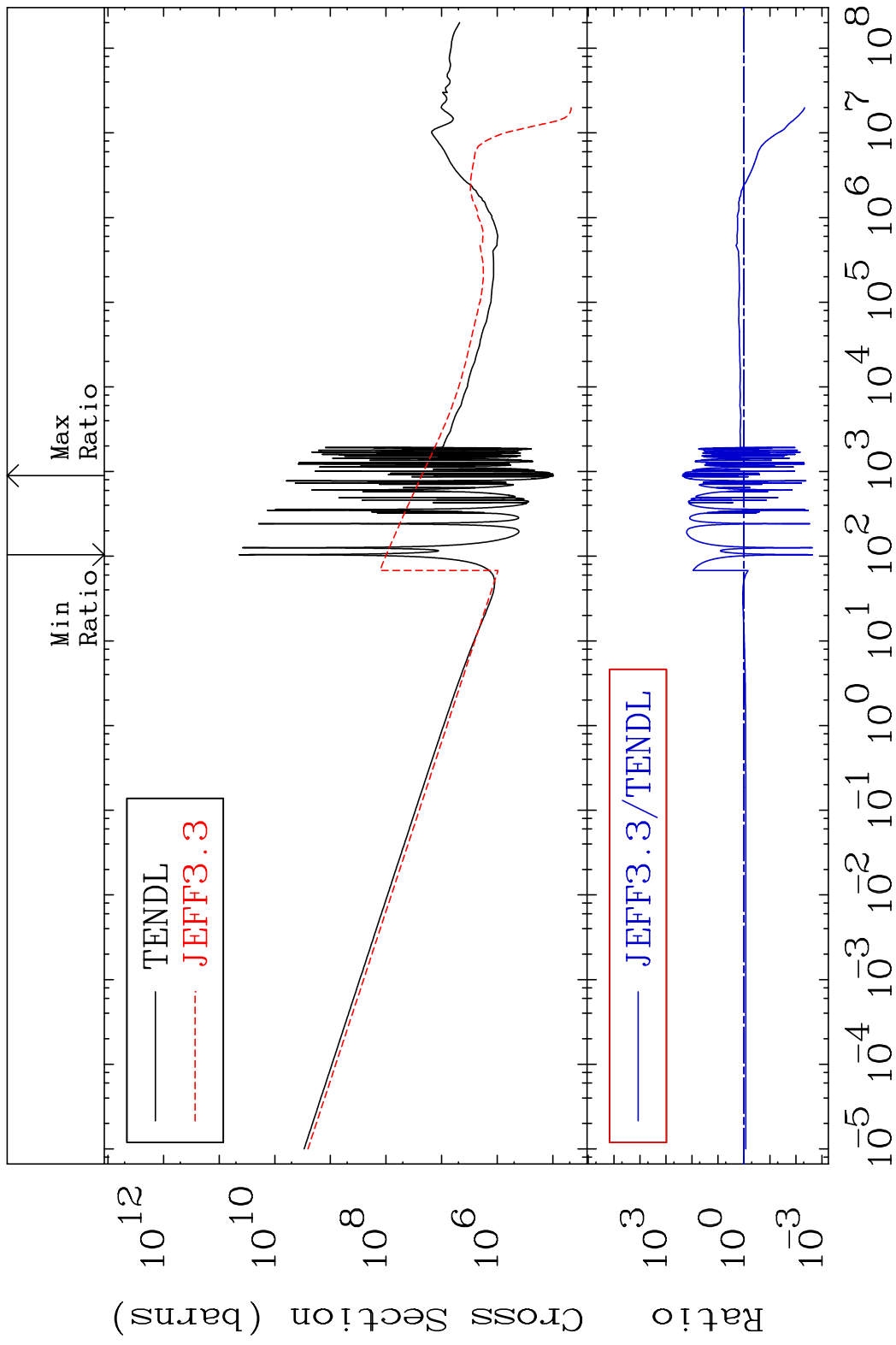


35

Incident Energy (eV)

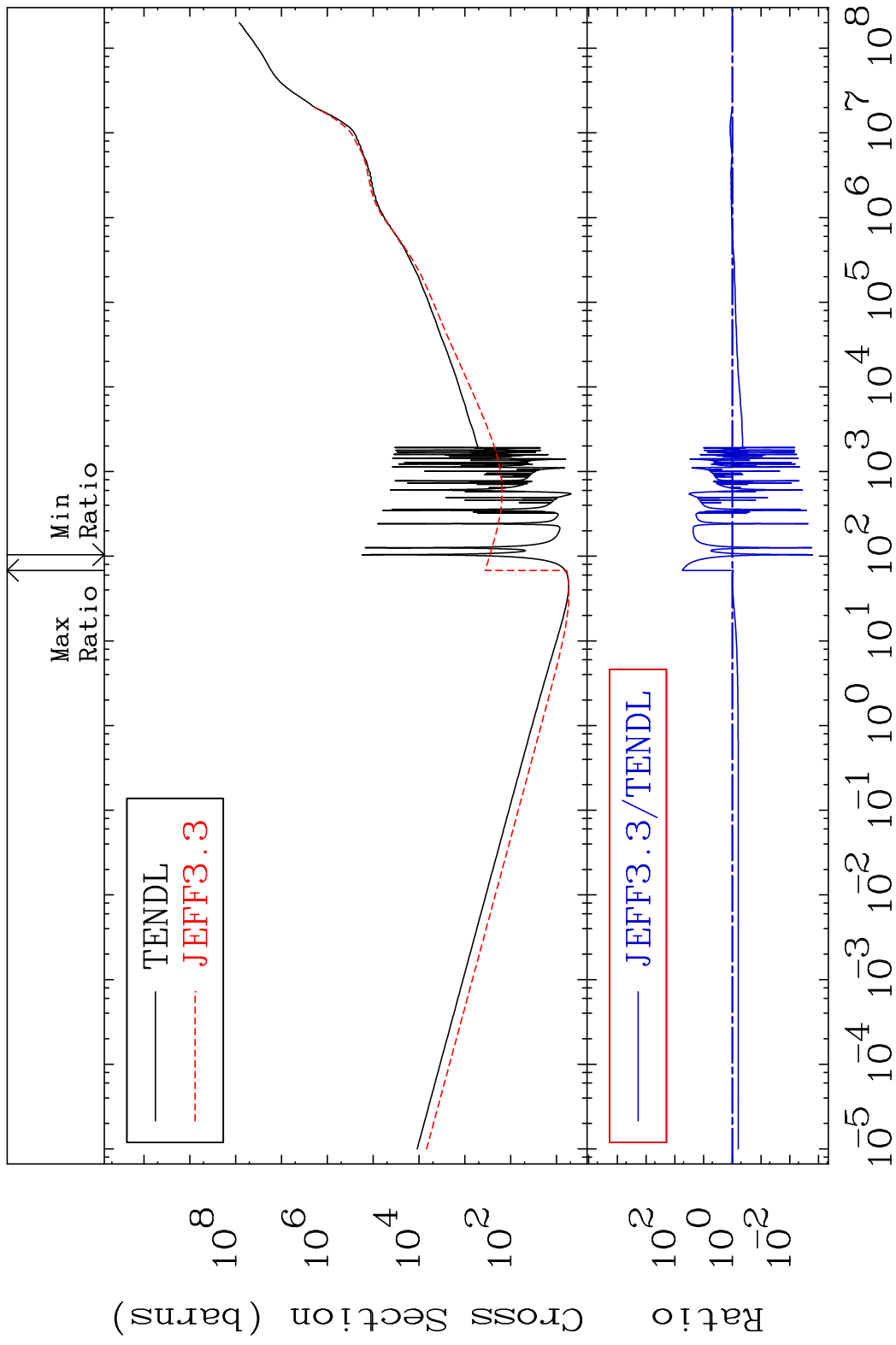
56-Ba-132

MAT 5631 Total photon (eV-barns) 56-Ba-132
 Cross Section -99.777 To 9999. %



36 Incident Energy (eV) 56-Ba-132

MAT 5631 Total kinematic kerma (high limit) 56-Ba-132
 Cross Section -99.84 To 5413. %

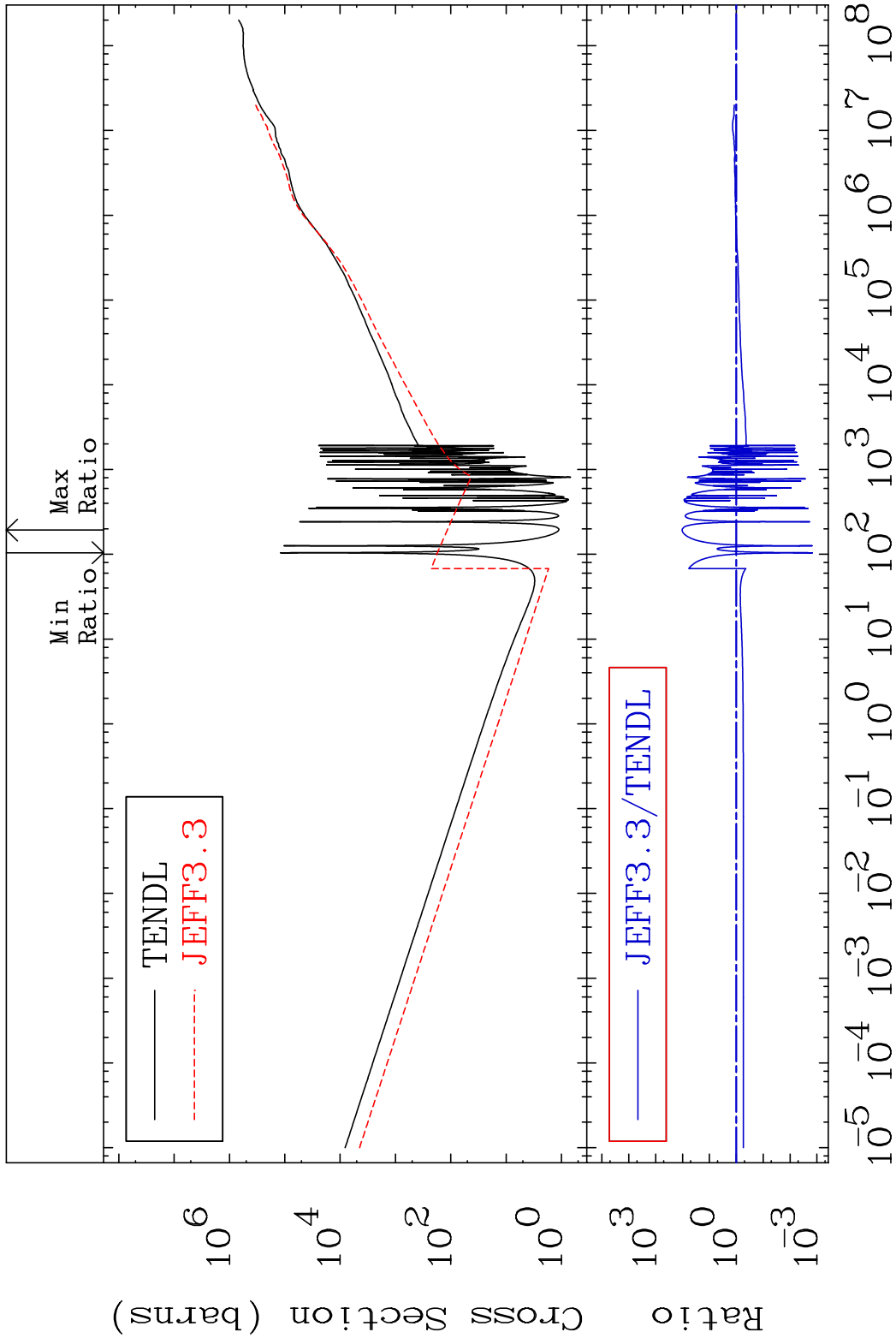


MAT 5631

Dpa total (eV-barns)

56-Ba-132

Cross Section -99.85 To 9999. %



38

Incident Energy (eV)

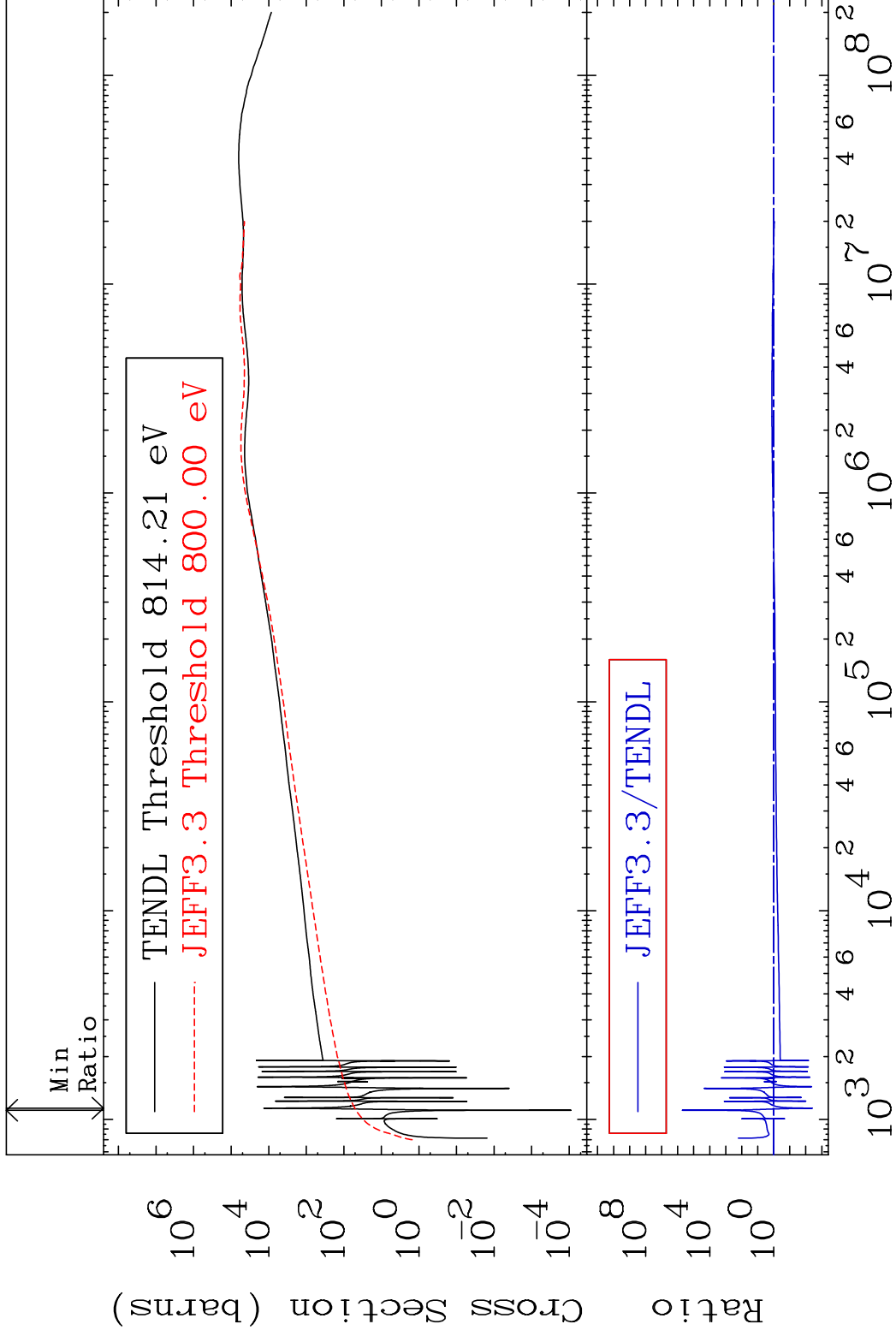
56-Ba-132

MAT 5631

Dpa elastic (mt2)

56-Ba-132

Cross Section -99.62 To 9999. %

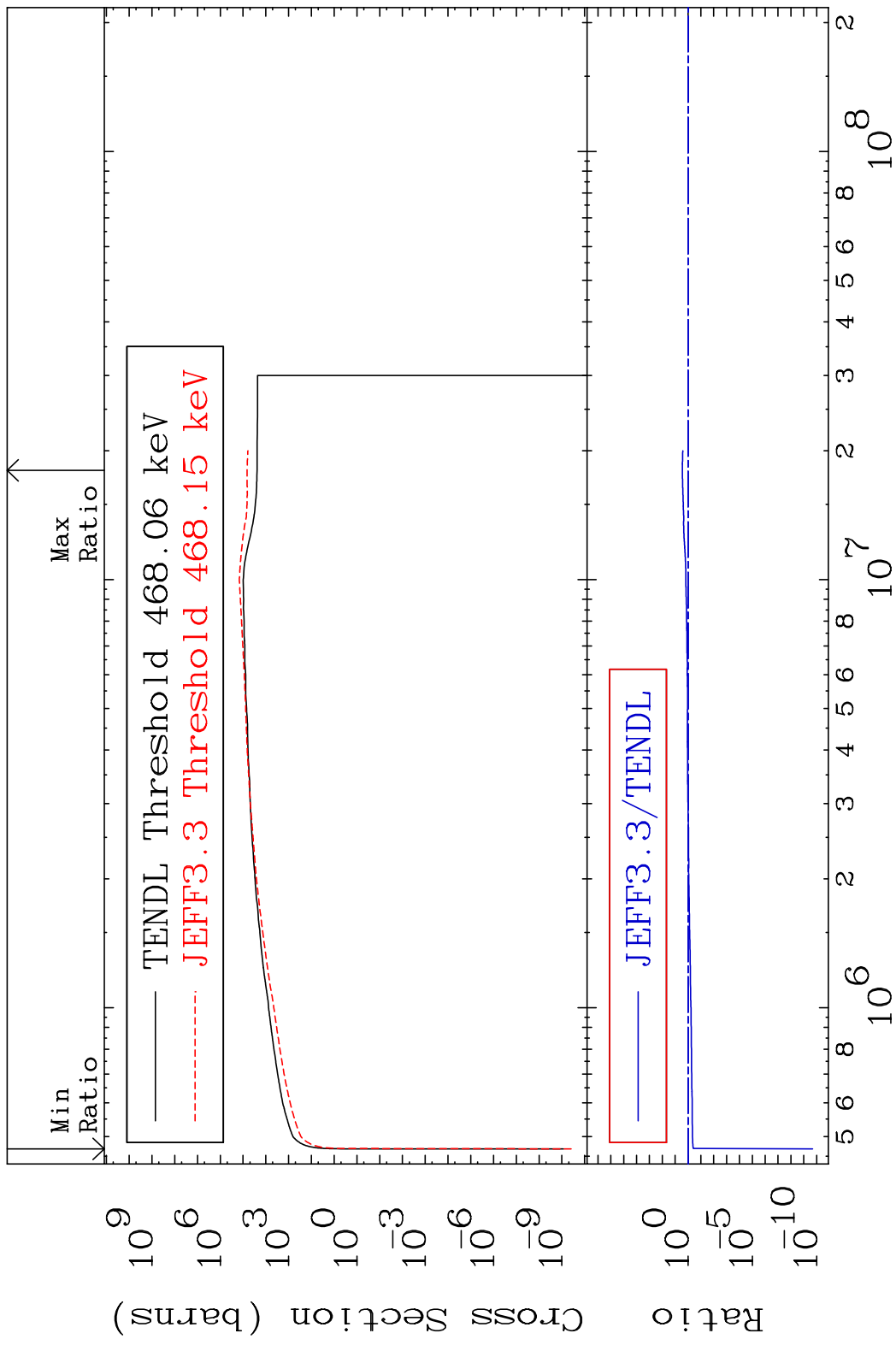


39

Incident Energy (eV)

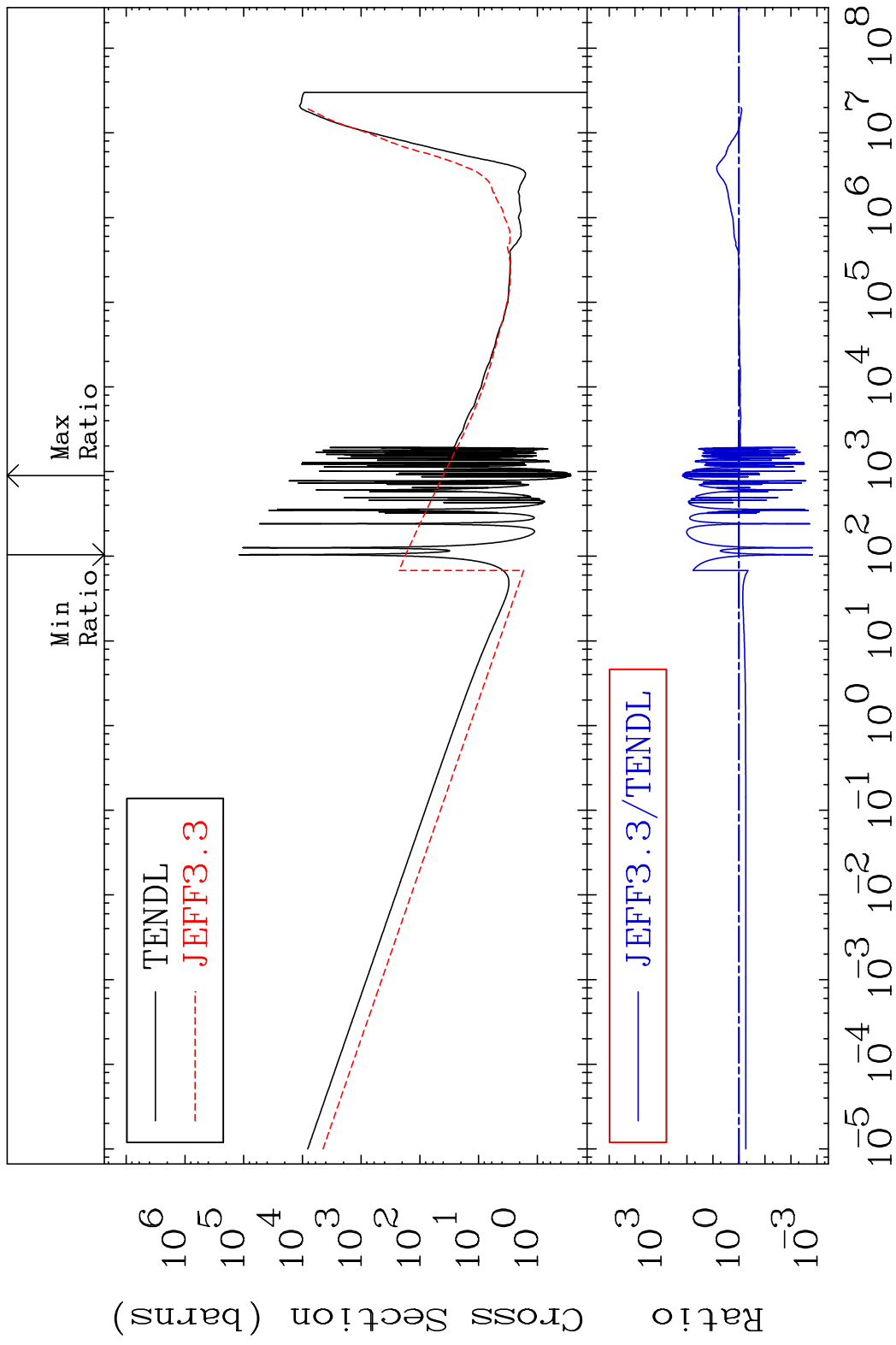
56-Ba-132

MAT 5631 Dpa inelastic (mt51-91) 56-Ba-132
 Cross Section -100.0 To 174.5 %



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