

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

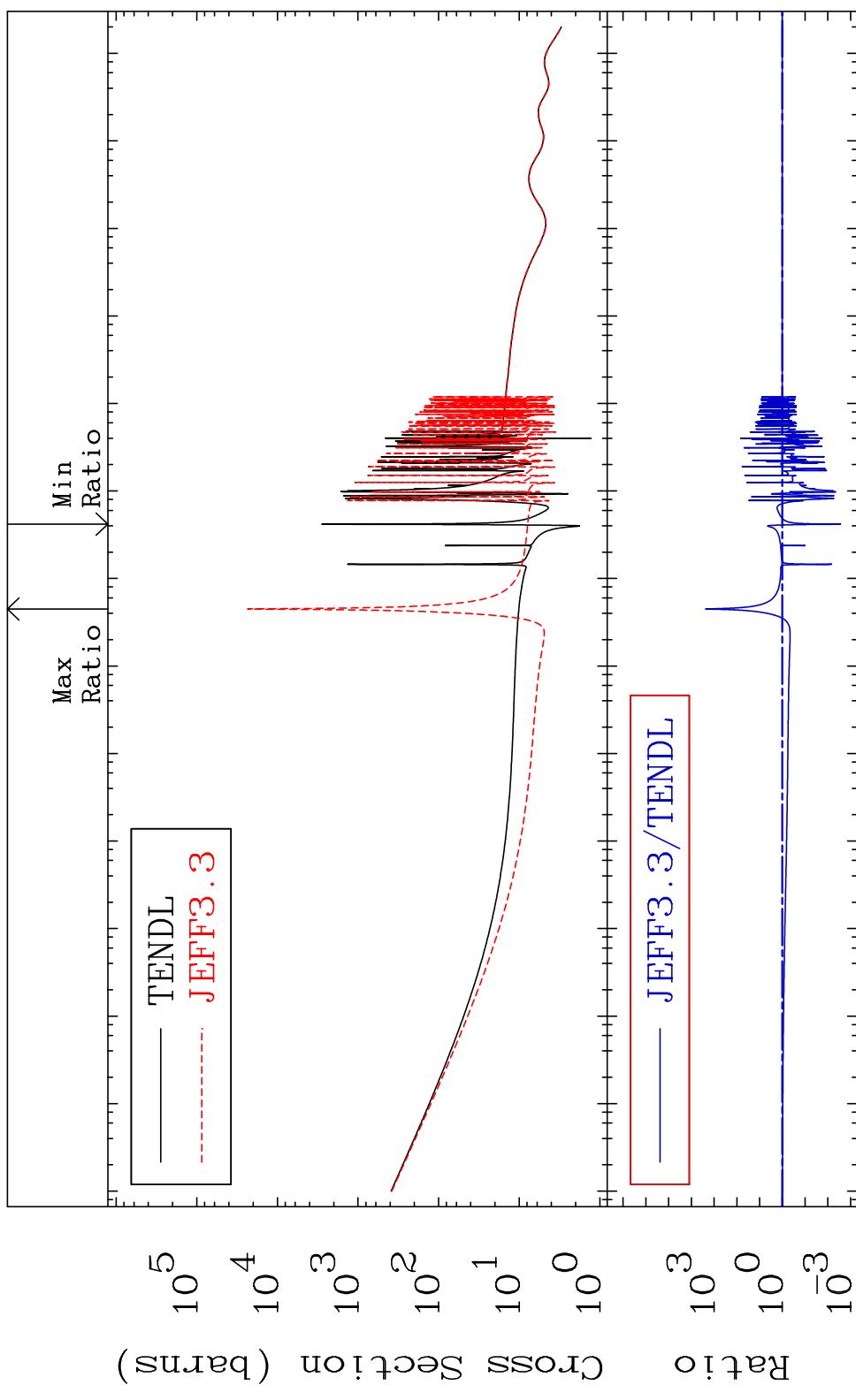
MAT 8322

Total

83-Bi-208

Cross Section

-99.72 To 9999. %



1

Incident Energy (eV)

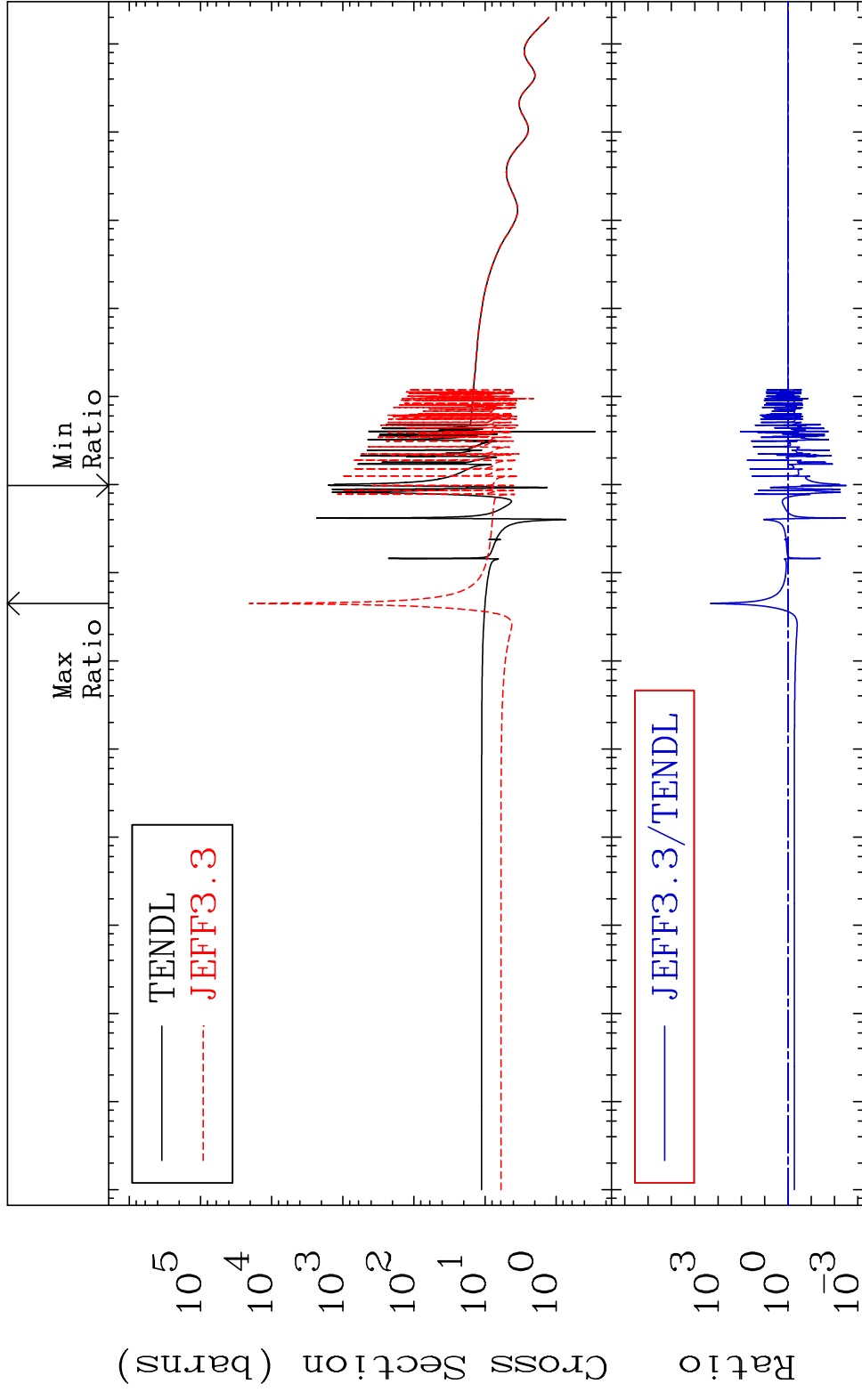
83-Bi-208

MAT 8322

Elastic

83-Bi-208

Cross Section -99.69 To 9999. %

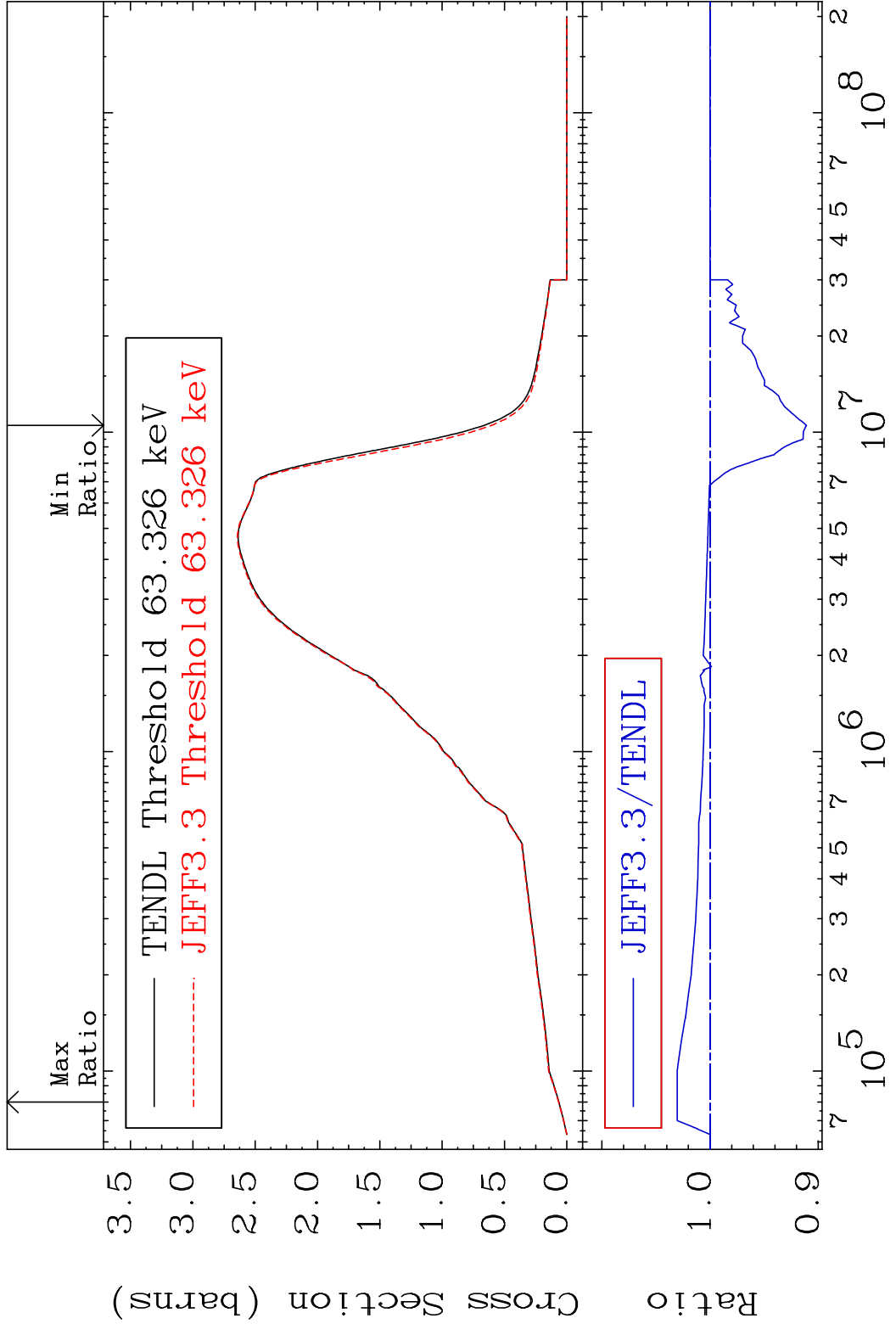


2

Incident Energy (eV)

83-Bi-208

MAT 8322 Inelastic 83-Bi-208
 Cross Section -8.911 To 3.038 %



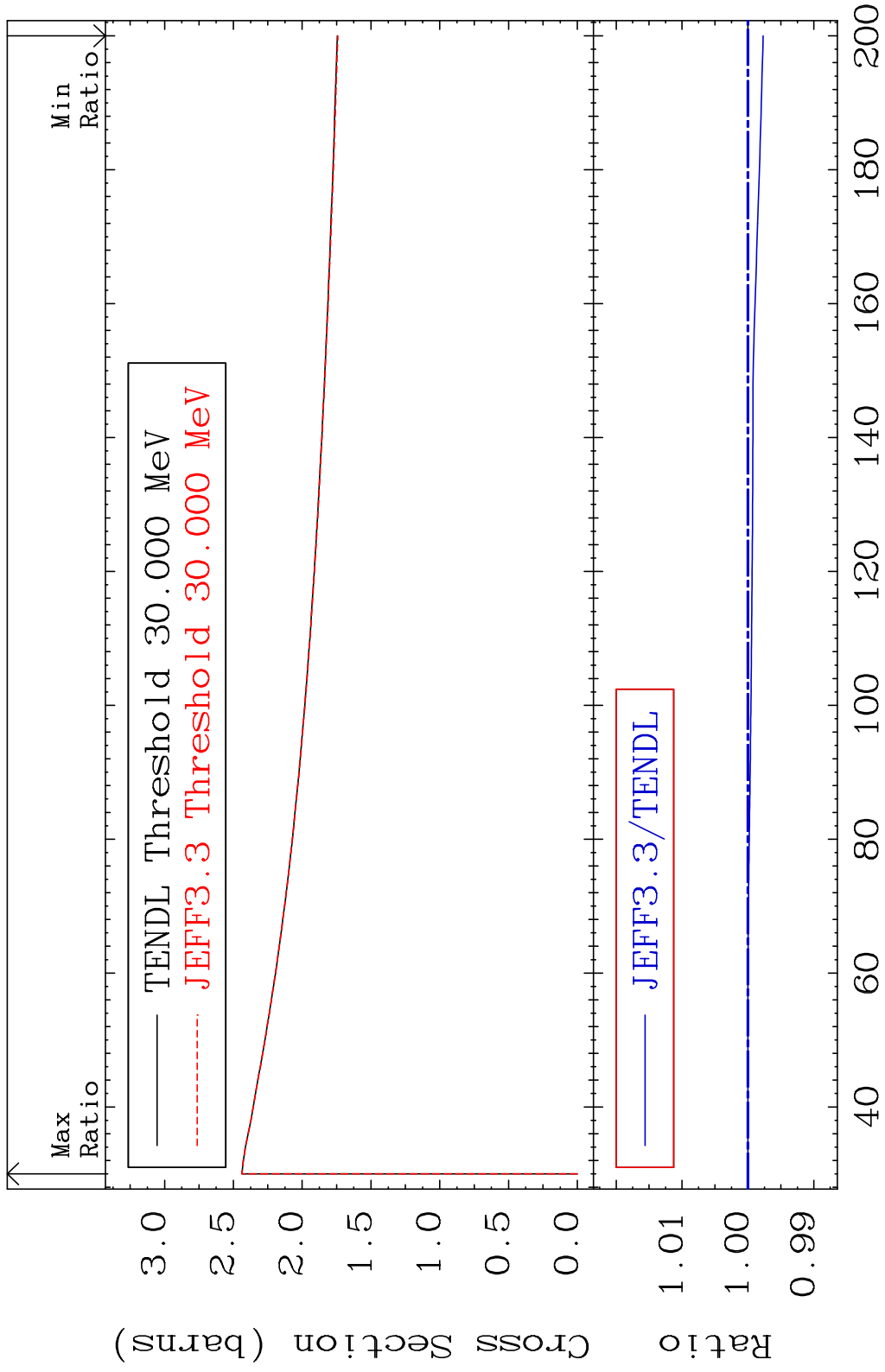
3 Incident Energy (eV) 83-Bi-208

MAT 8322

(n, remainder)

83-Bi-208

Cross Section -0.232 To 0.000 %

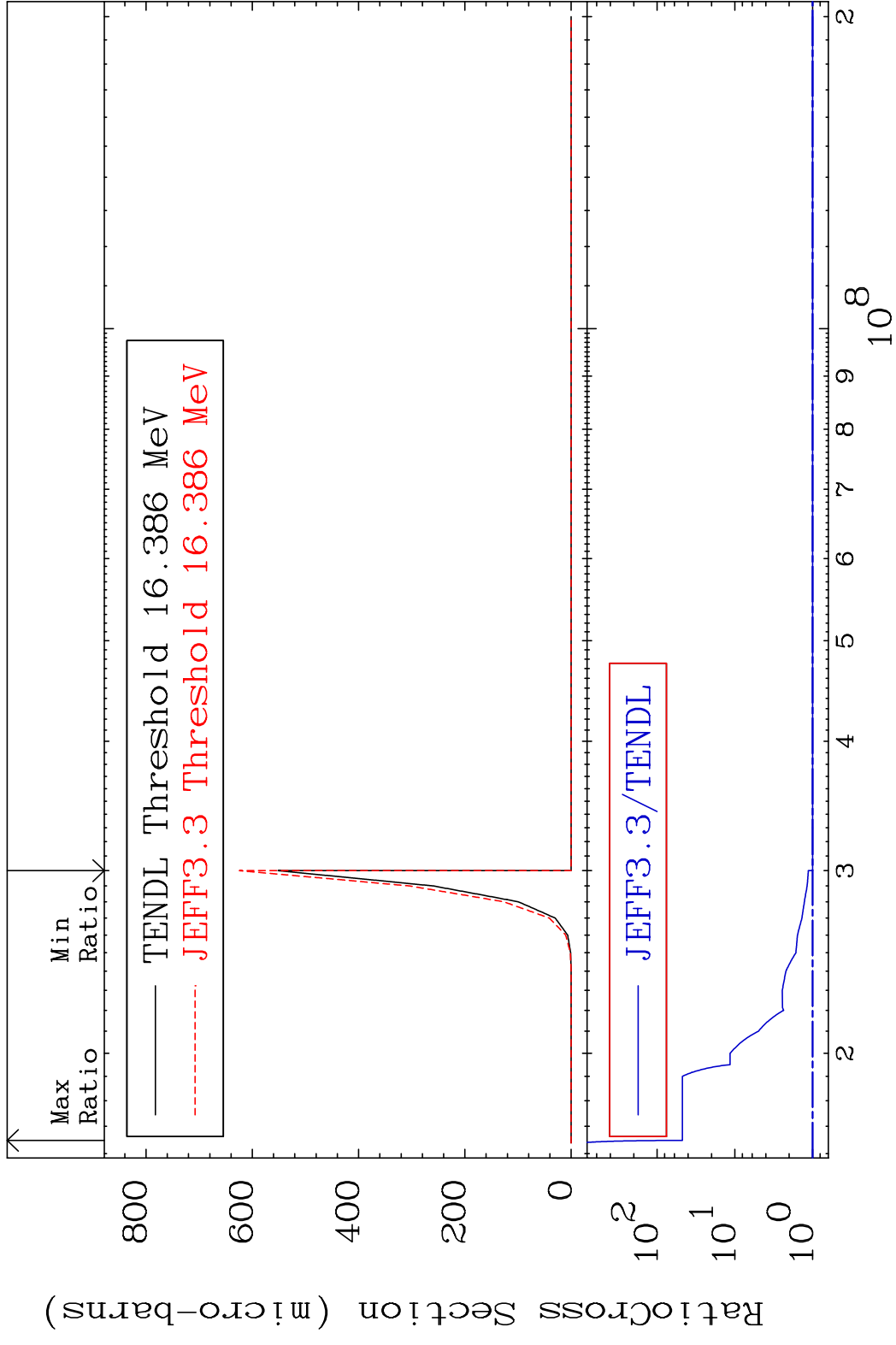


MAT 8322

(n,2n) d

83-Bi-208

Cross Section 0.000 To 4639. %

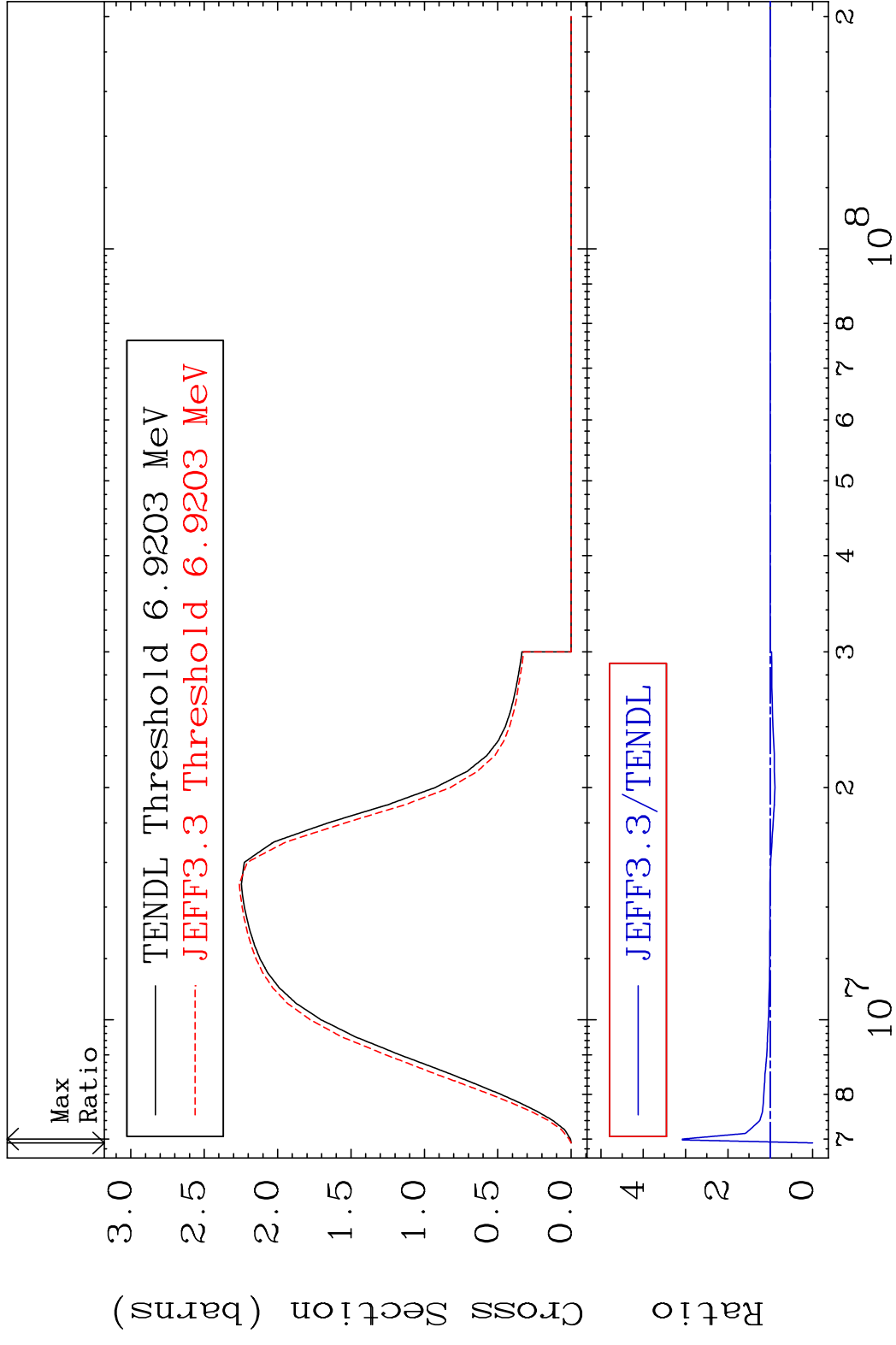


MAT 8322

(n,2n)

83-Bi-208

Cross Section -100.0 To 207.6 %



6

Incident Energy (eV)

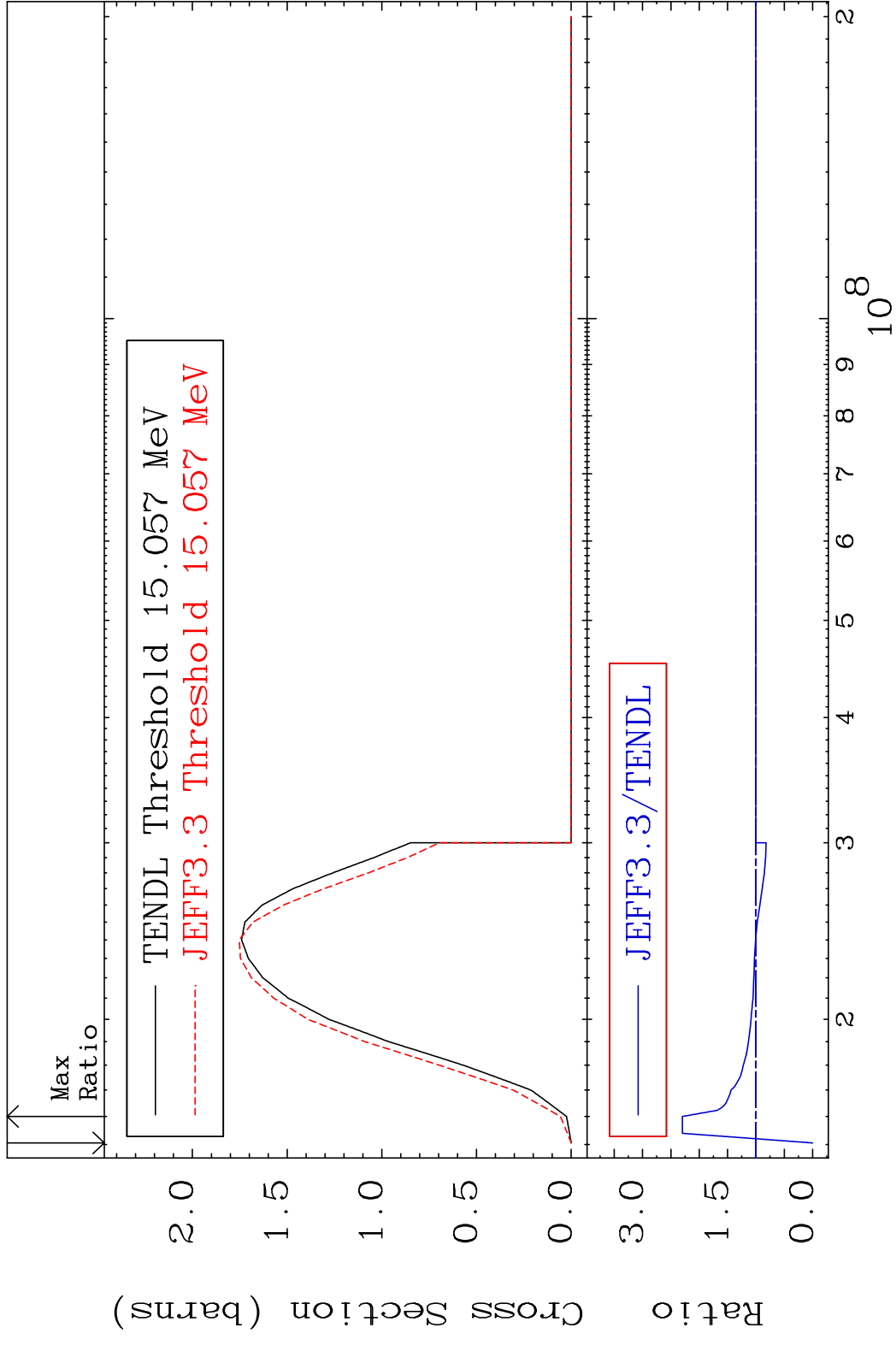
83-Bi-208

MAT 8322

(n,3n)

83-Bi-208

Cross Section -100.0 To 129.7 %

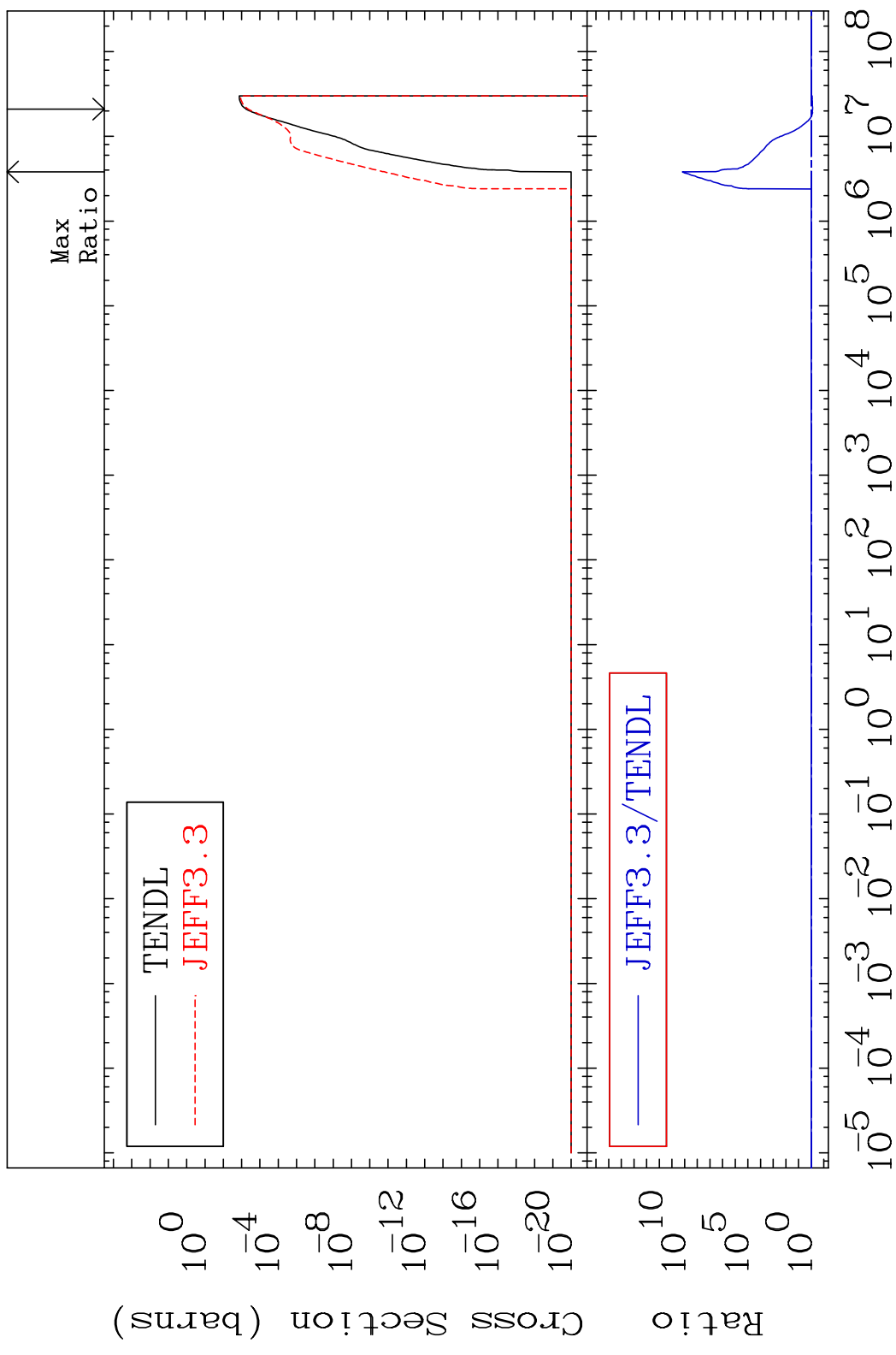


MAT 8322

(n, n') α

83-Bi-208

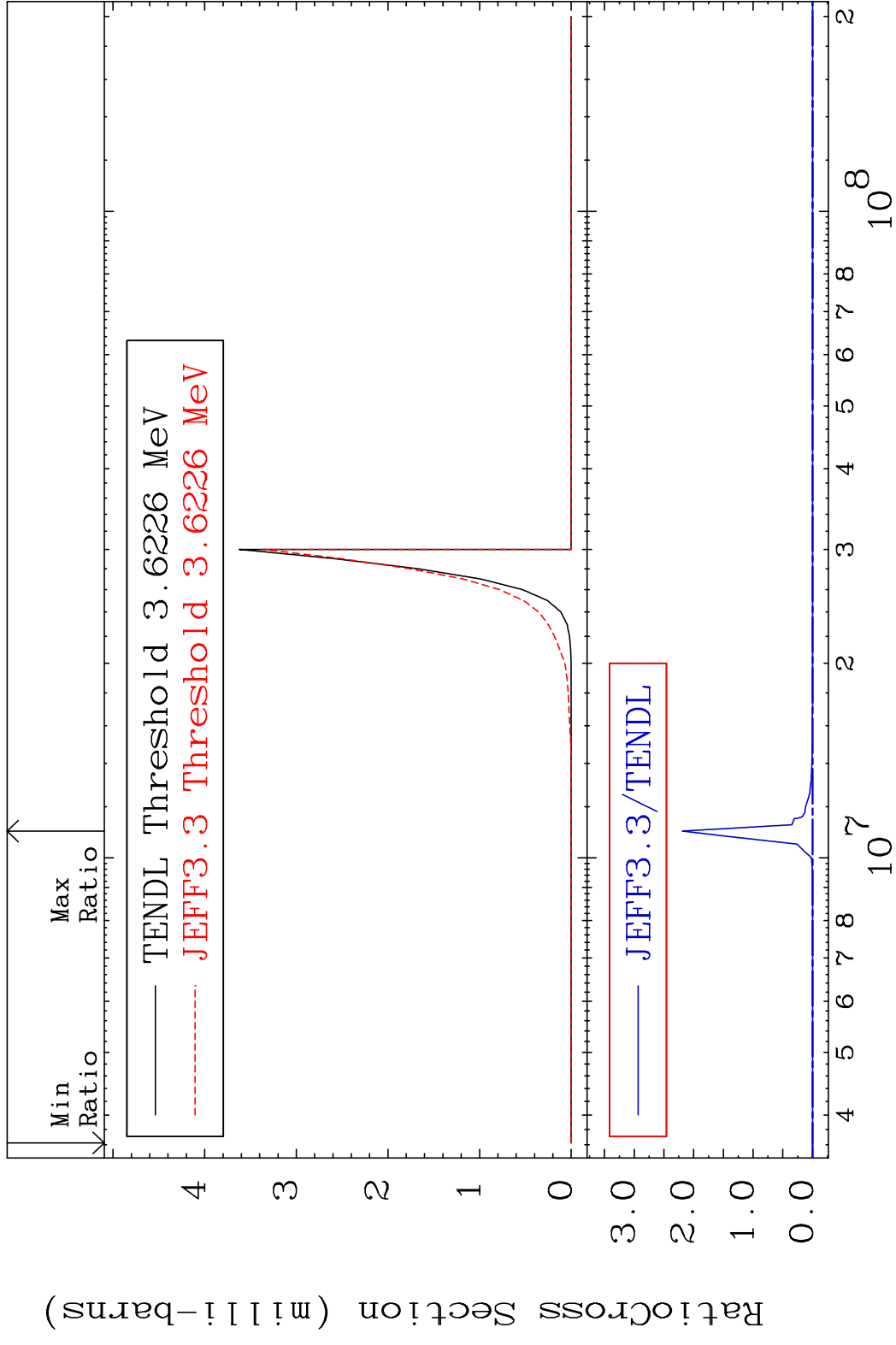
Cross Section -21.76 To 9999. %



MAT 8322

(n,2n) α 83-Bi-208

Cross Section -100.0 To 9999. %

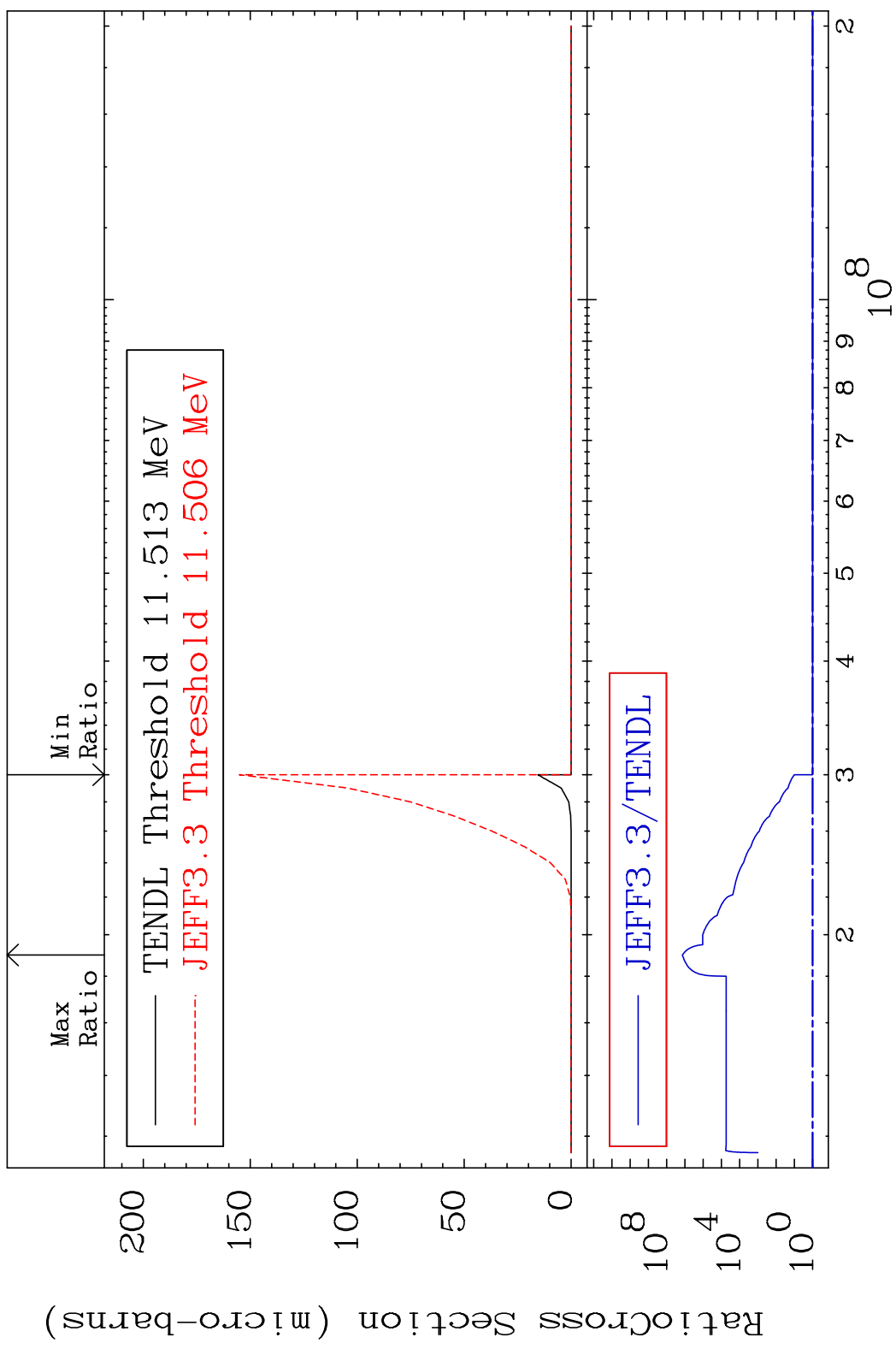


MAT 8322

(n,3n) α

83-Bi-208

Cross Section 0.000 To 9999. %

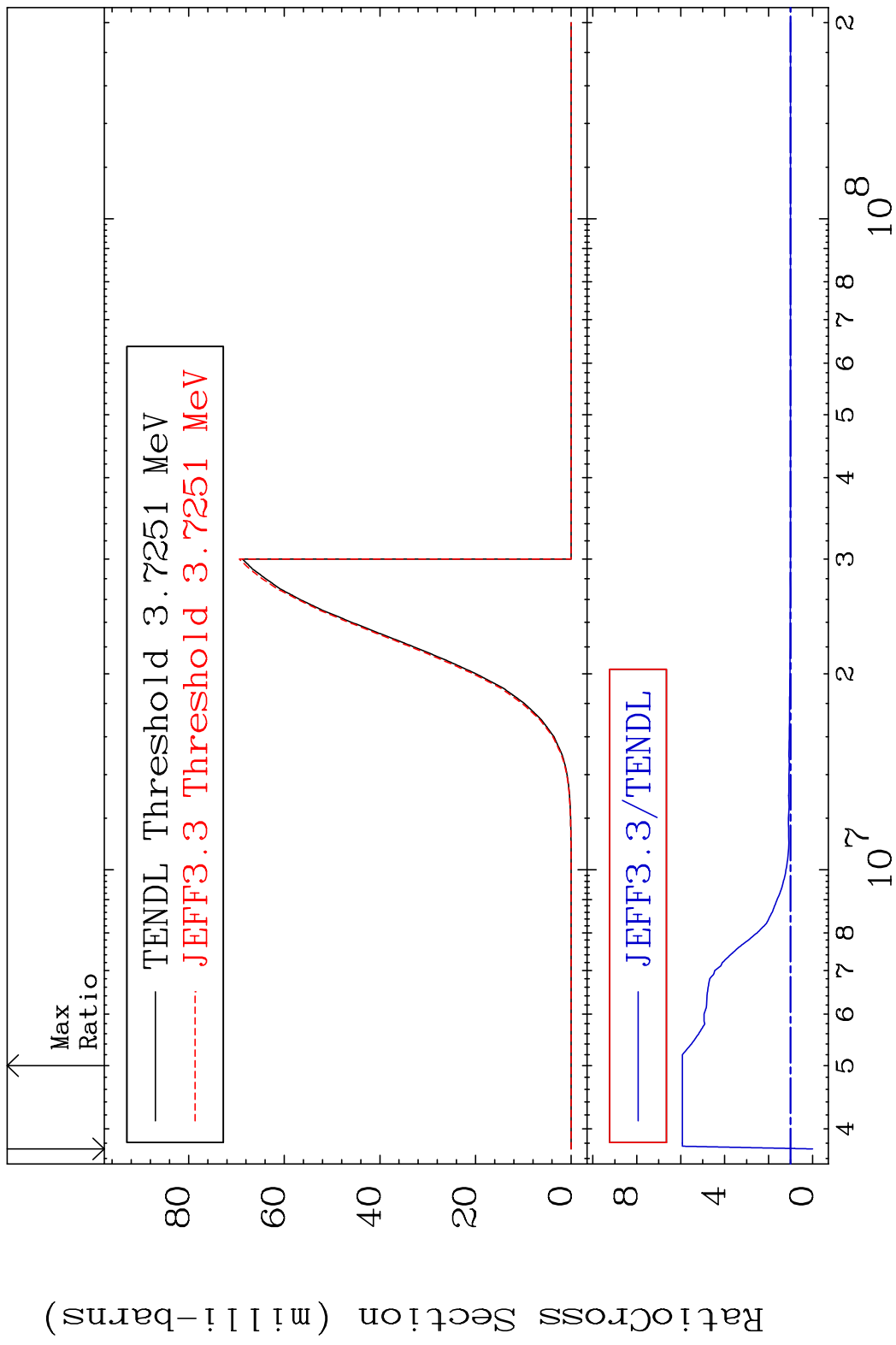


10

Incident Energy (eV)

83-Bi-208

MAT 8322 (n, n') p 83-Bi-208
 Cross Section -100.0 To 492.6 %

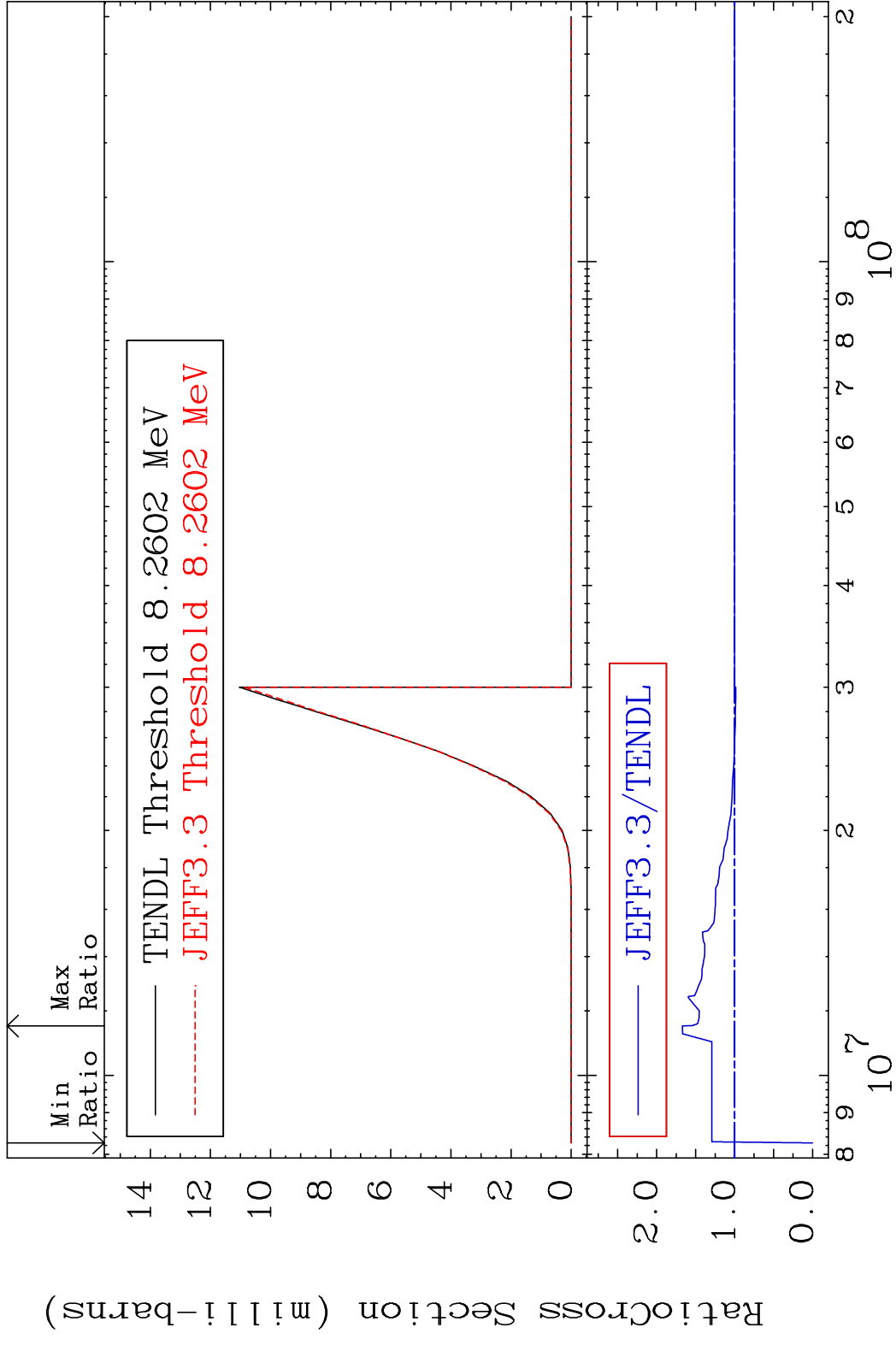


MAT 8322

(n, n') d

83-Bi-208

Cross Section -100.0 To 67.03 %



12

Incident Energy (eV)

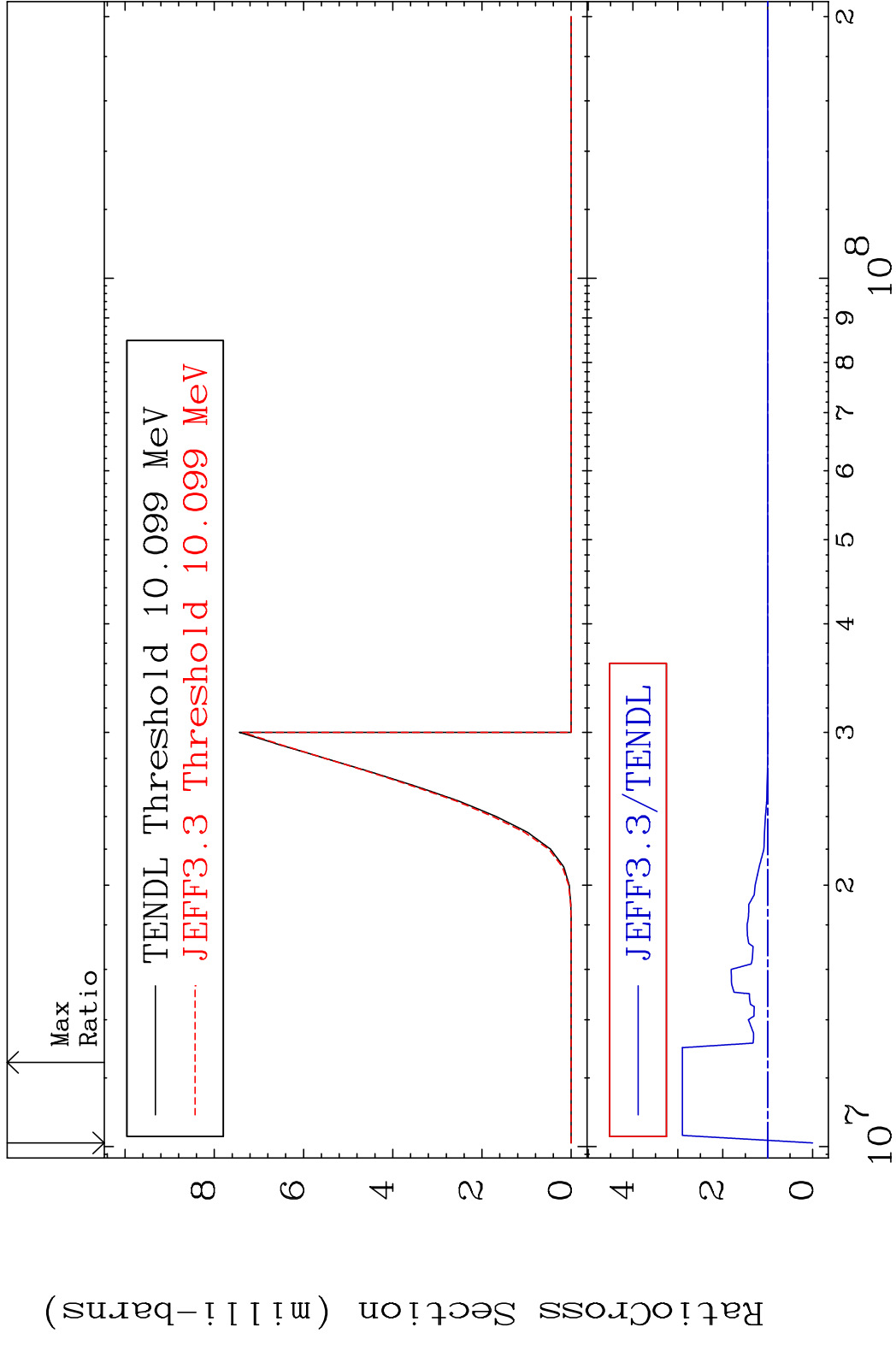
83-Bi-208

MAT 8322

(n, n') t

83-Bi-208

Cross Section -100.0 To 190.1 %



13

Incident Energy (eV)

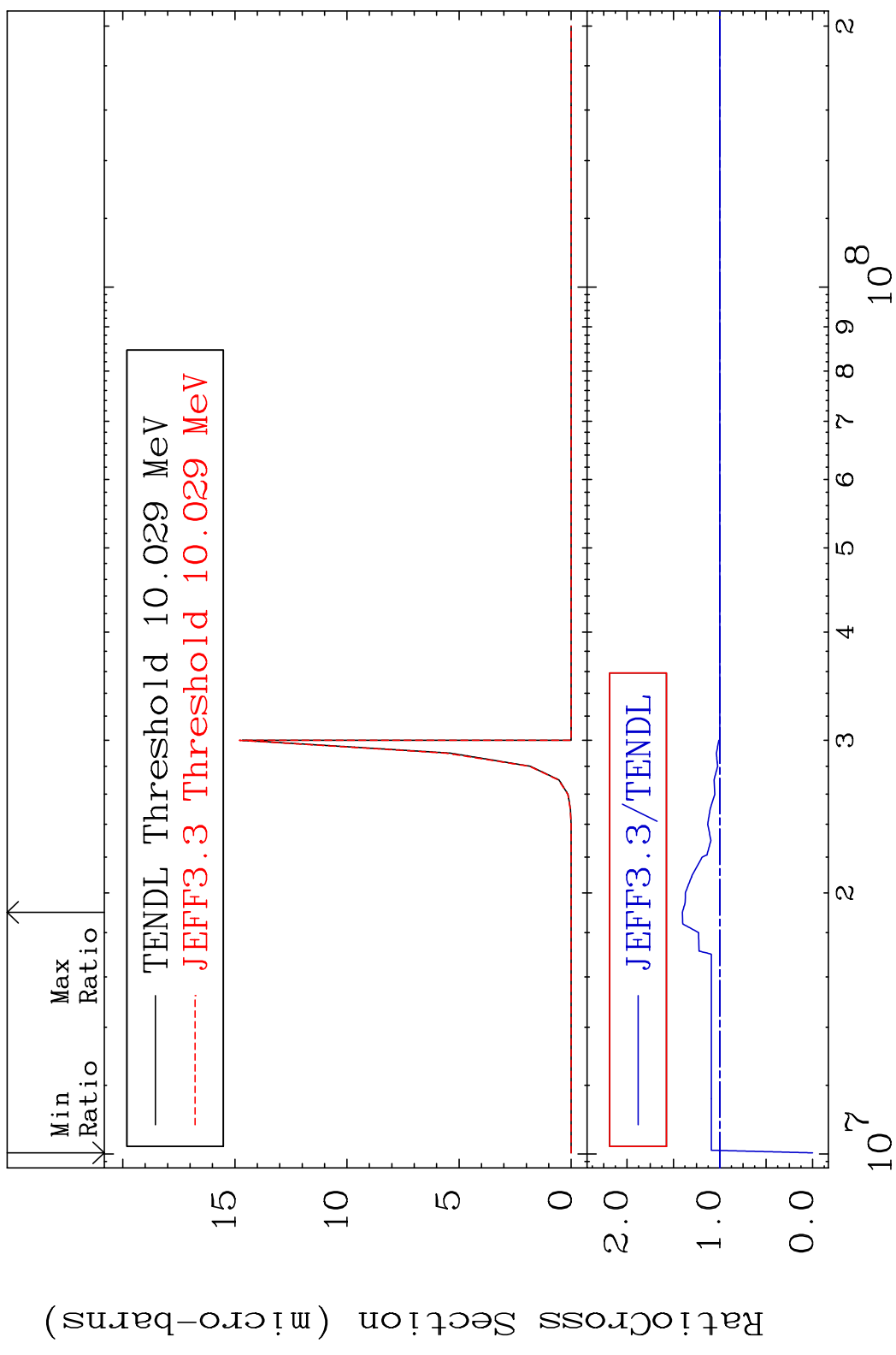
83-Bi-208

MAT 8322

(n,n') He-3

83-Bi-208

Cross Section -100.0 To 40.35 %



14

Incident Energy (eV)

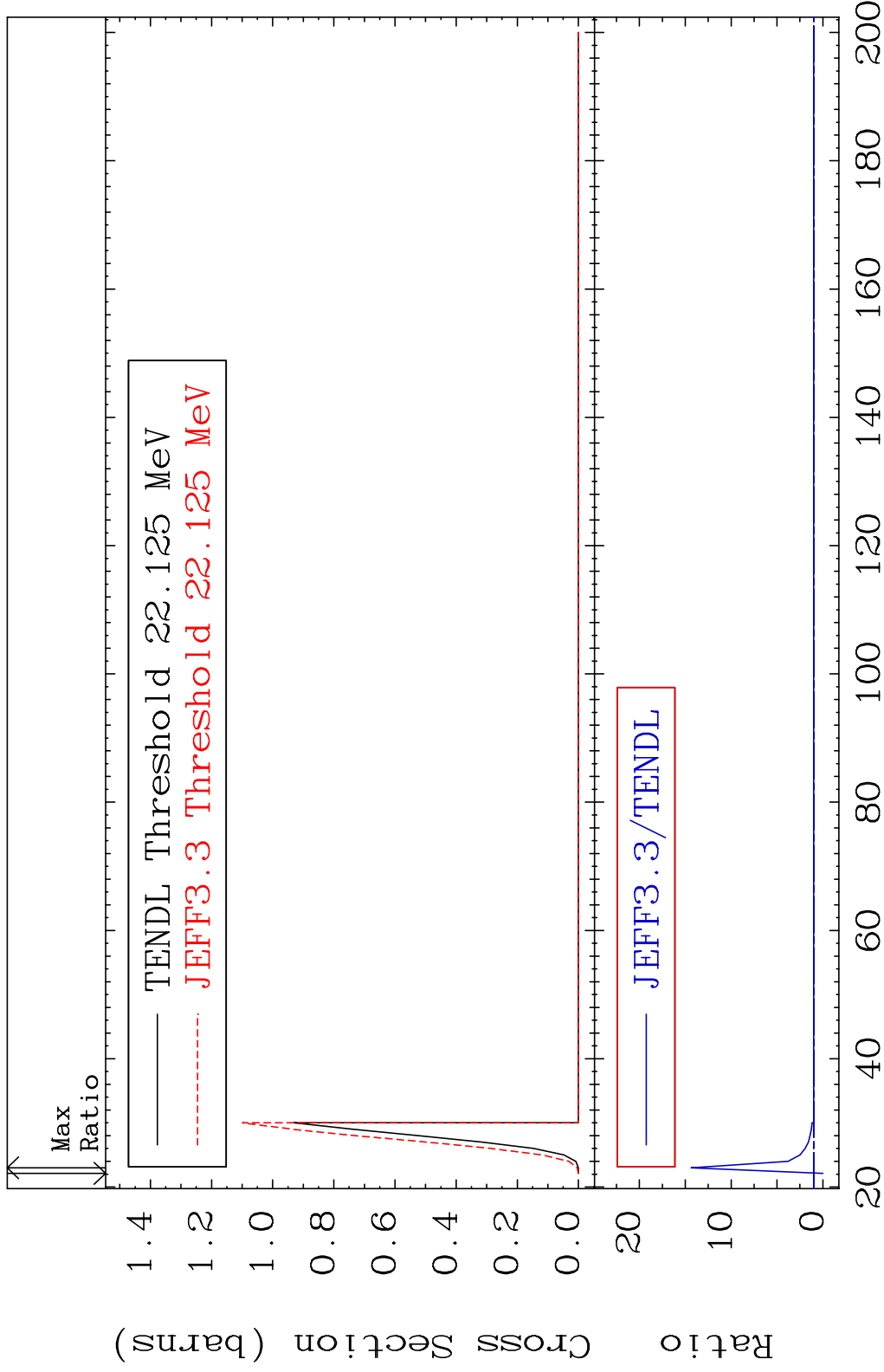
83-Bi-208

MAT 8322

(n,4n)

83-Bi-208

Cross Section -100.0 To 1337. %



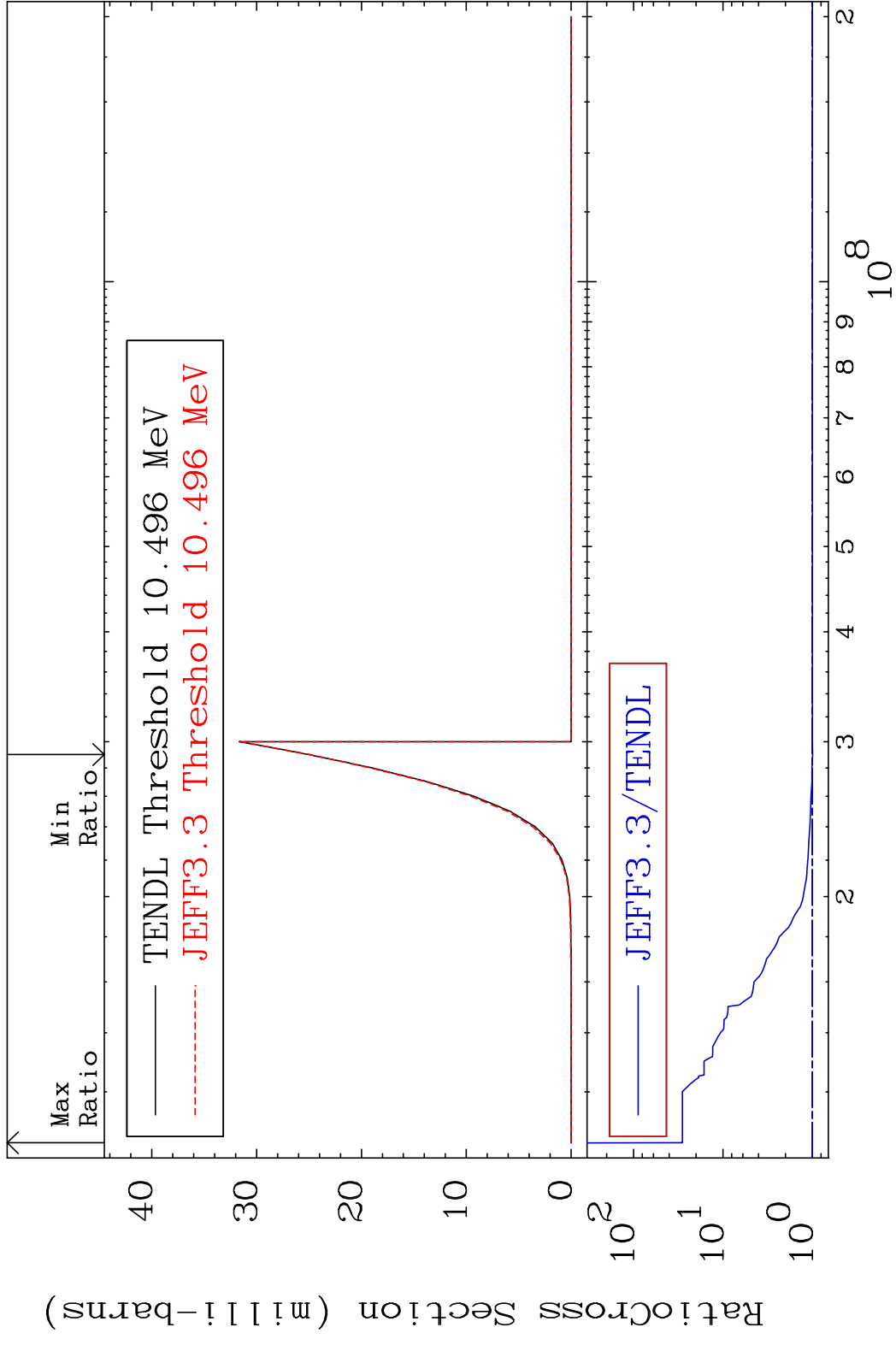
15

Incident Energy (MeV)

83-Bi-208

MAT 8322

(n,2n) p 83-Bi-208
Cross Section -0.469 To 2743. %

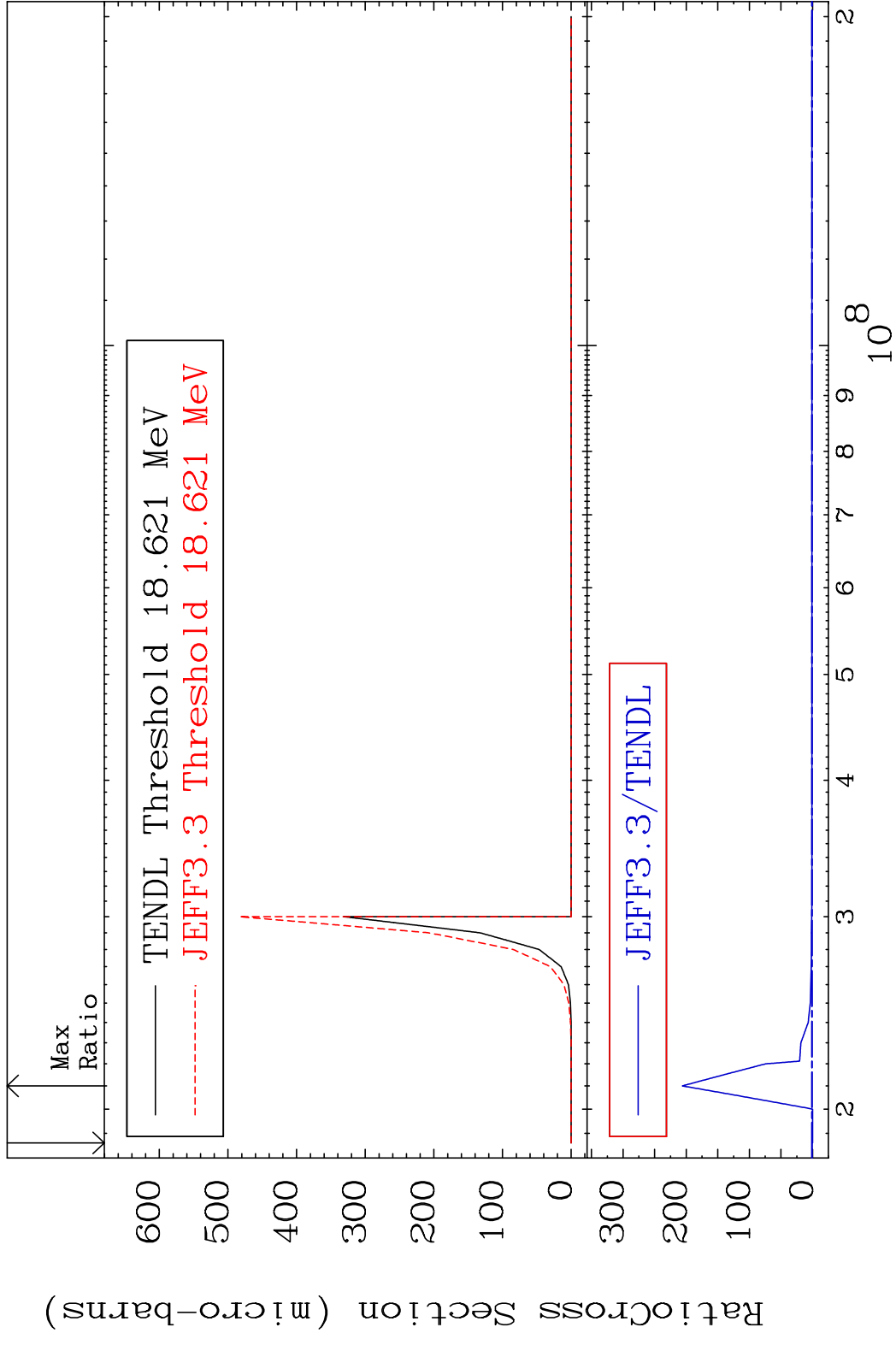


MAT 8322

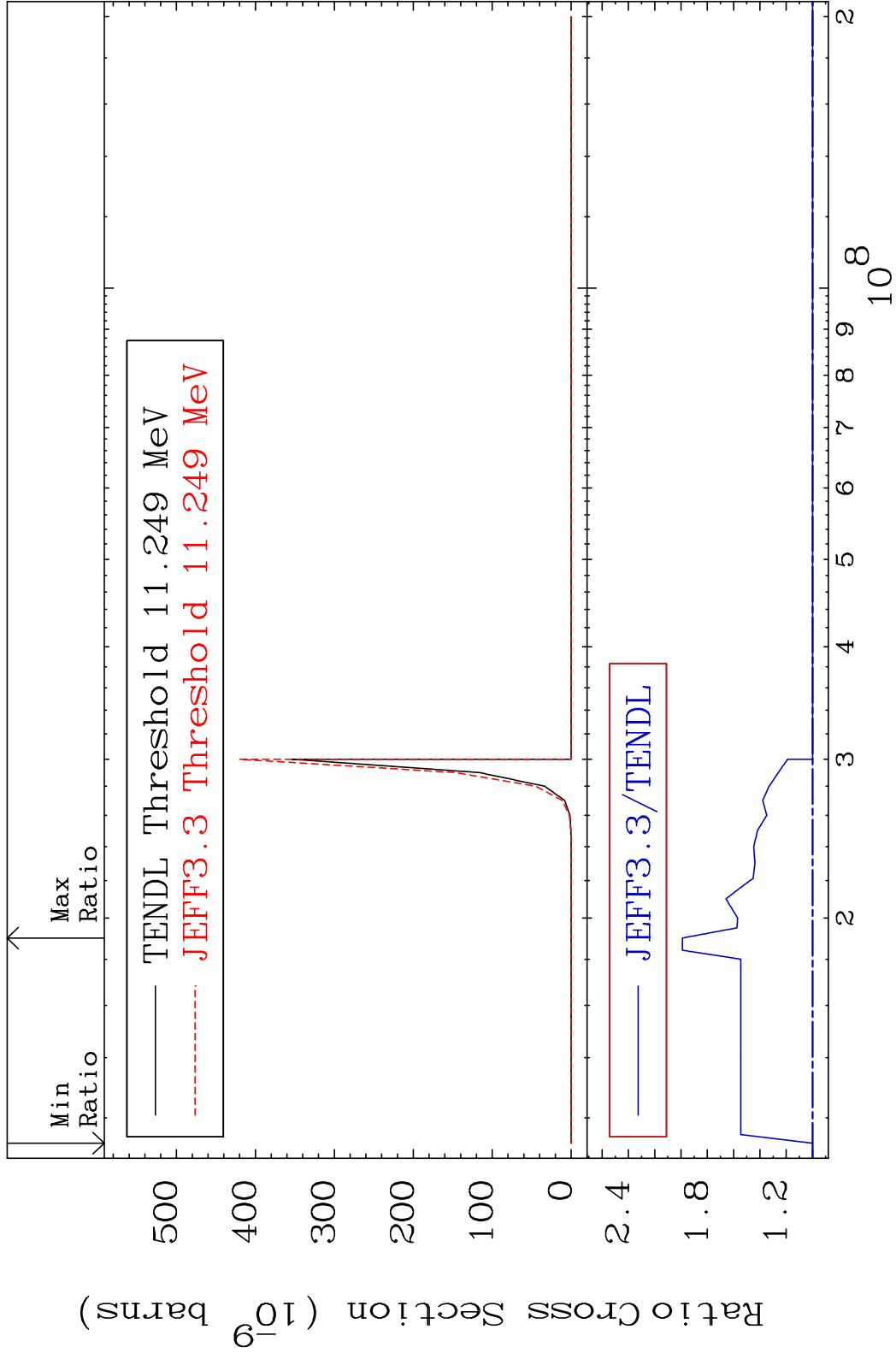
(n,3n) p

83-Bi-208

Cross Section -100.0 To 9999. %

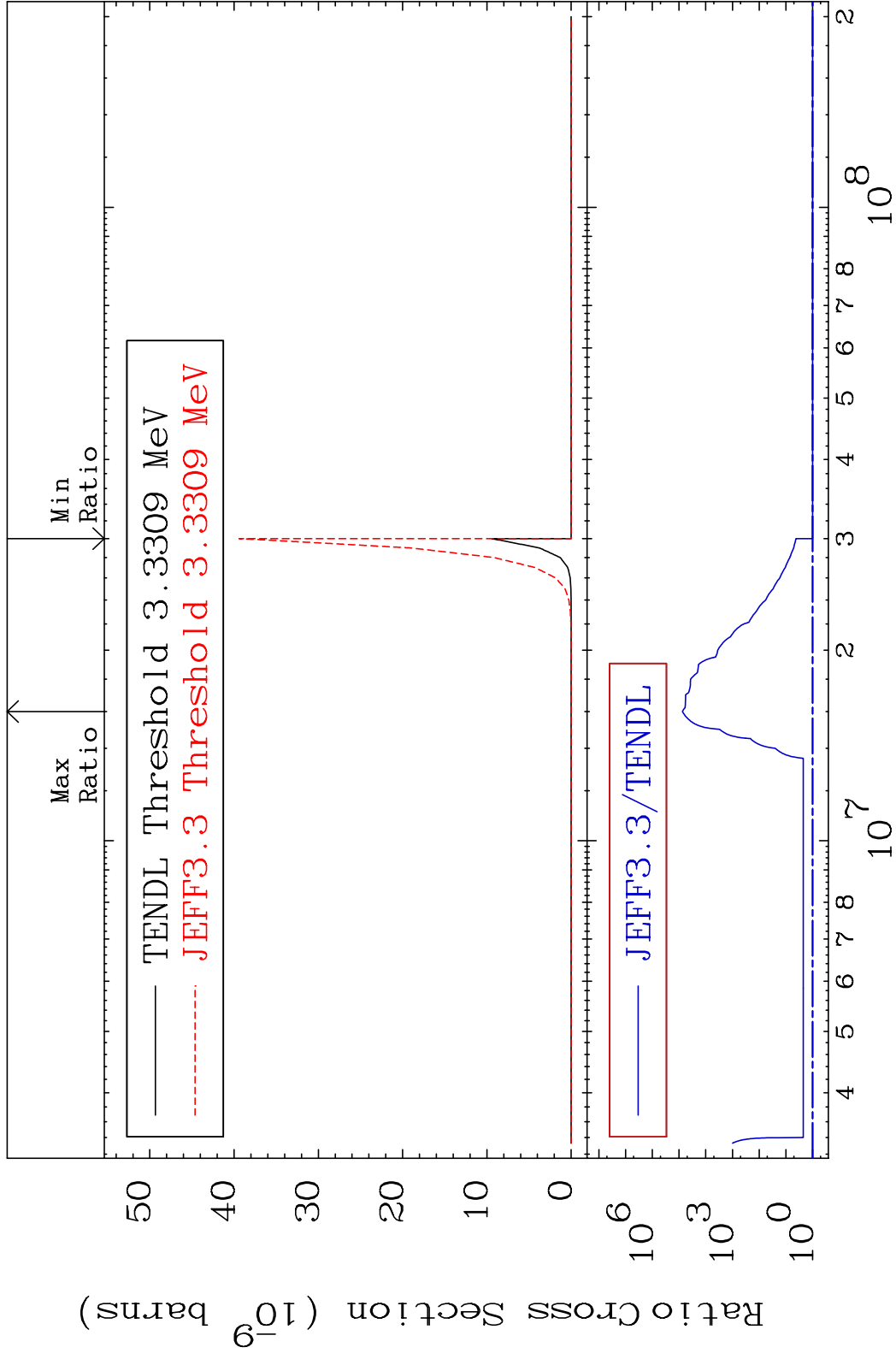


MAT 8322 (n,2n) p 83-Bi-208
 Cross Section 0.000 To 98.99 %

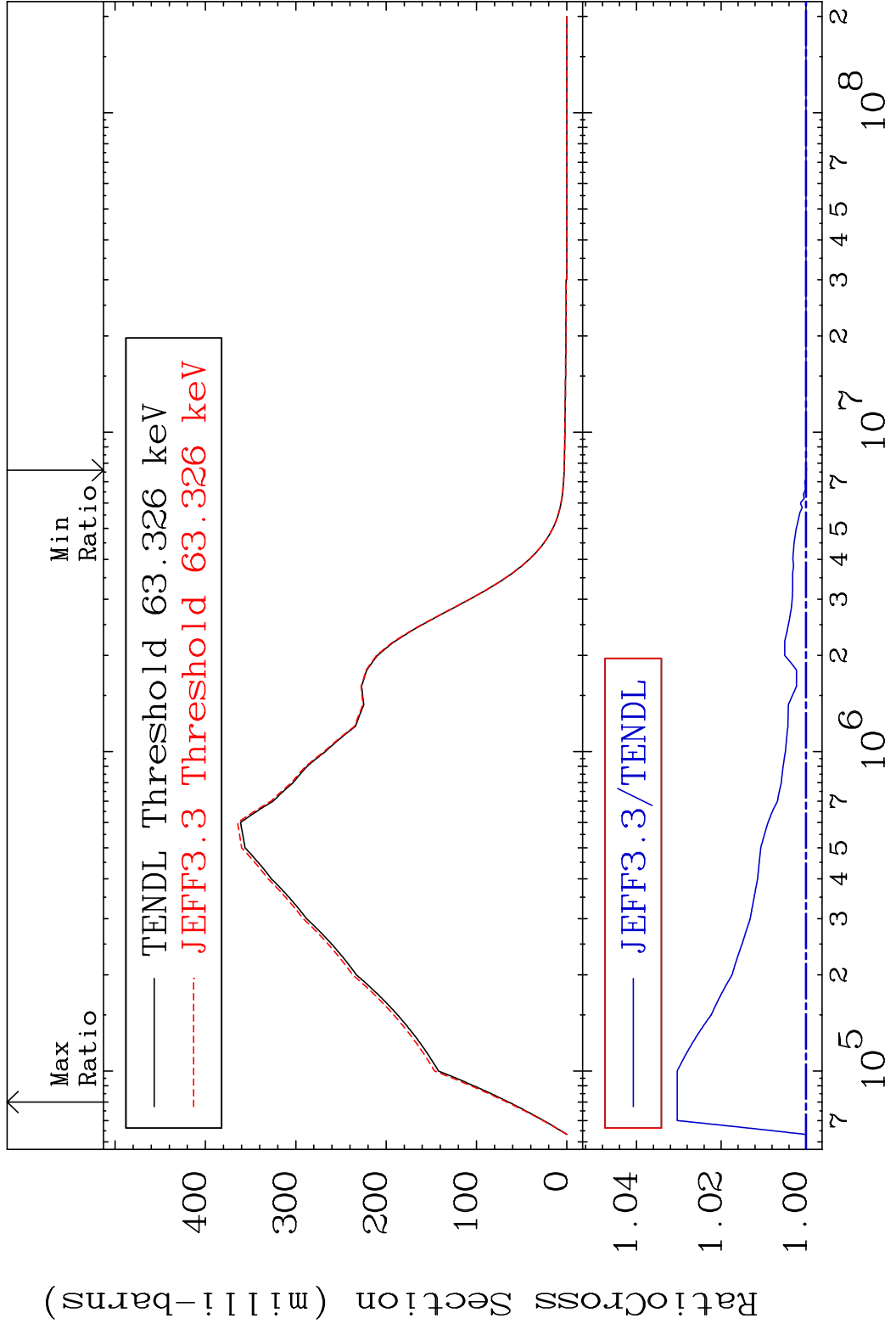


MAT 8322

(n,n') p α 83-Bi-208
Cross Section 0.000 To 9999. %

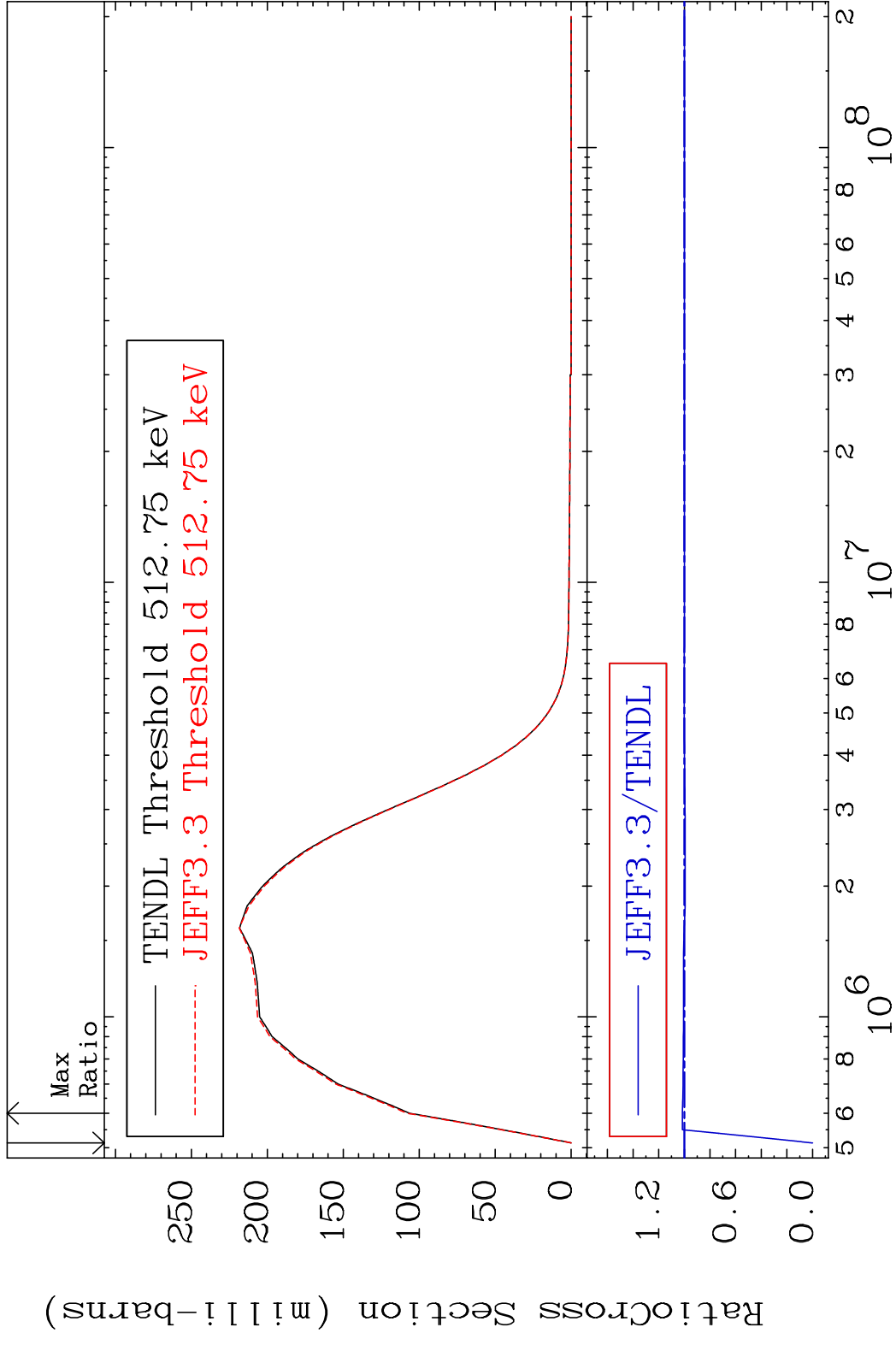


MAT 8322 MT= 51 (n, n') Level 83-Bi-208
 Cross Section -0.011 To 3.038 %

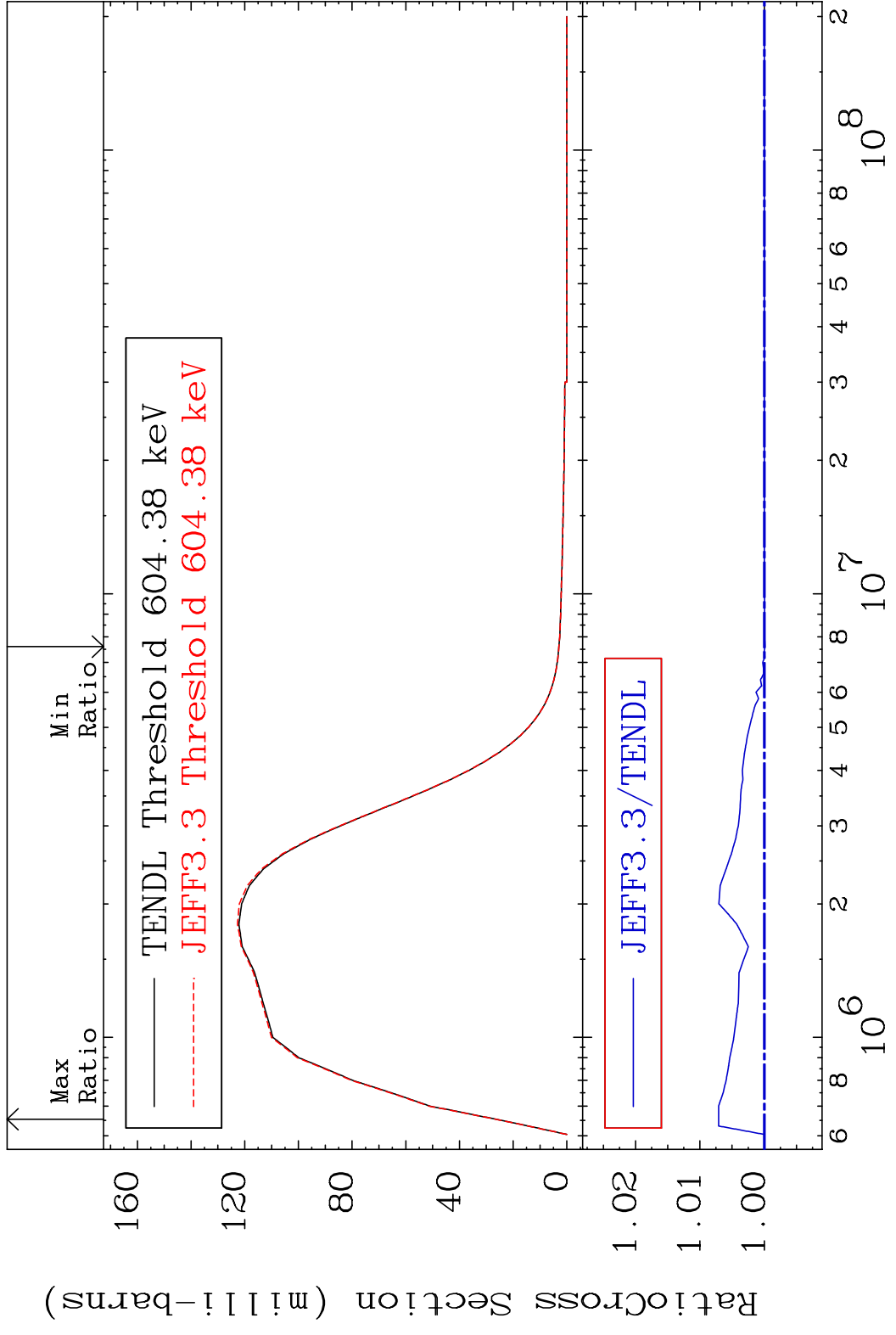


20 Incident Energy (eV) 83-Bi-208

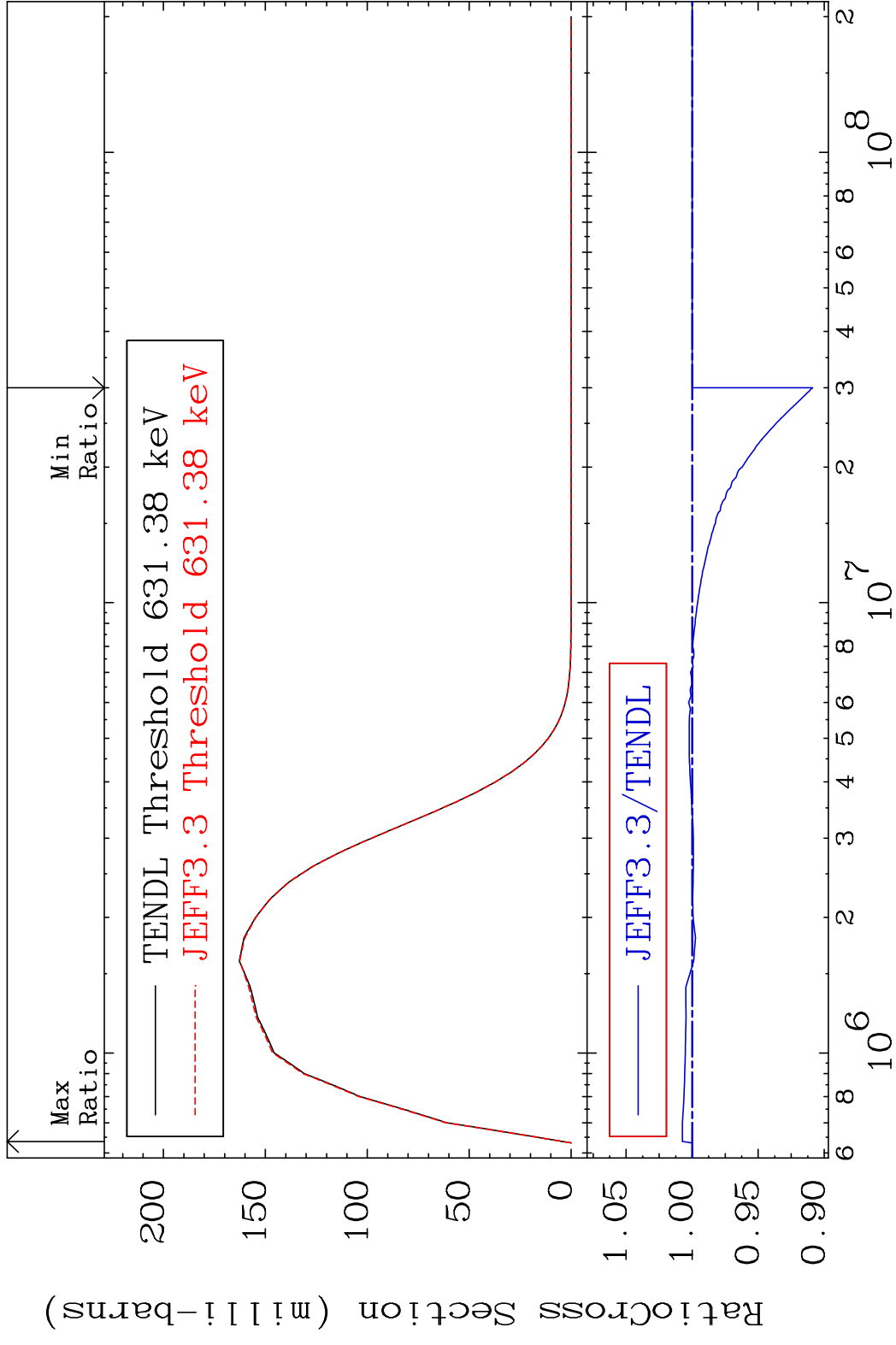
MAT 8322 MT= 52 (n,n') Level 83-Bi-208
 Cross Section -100.0 To 1.544 %



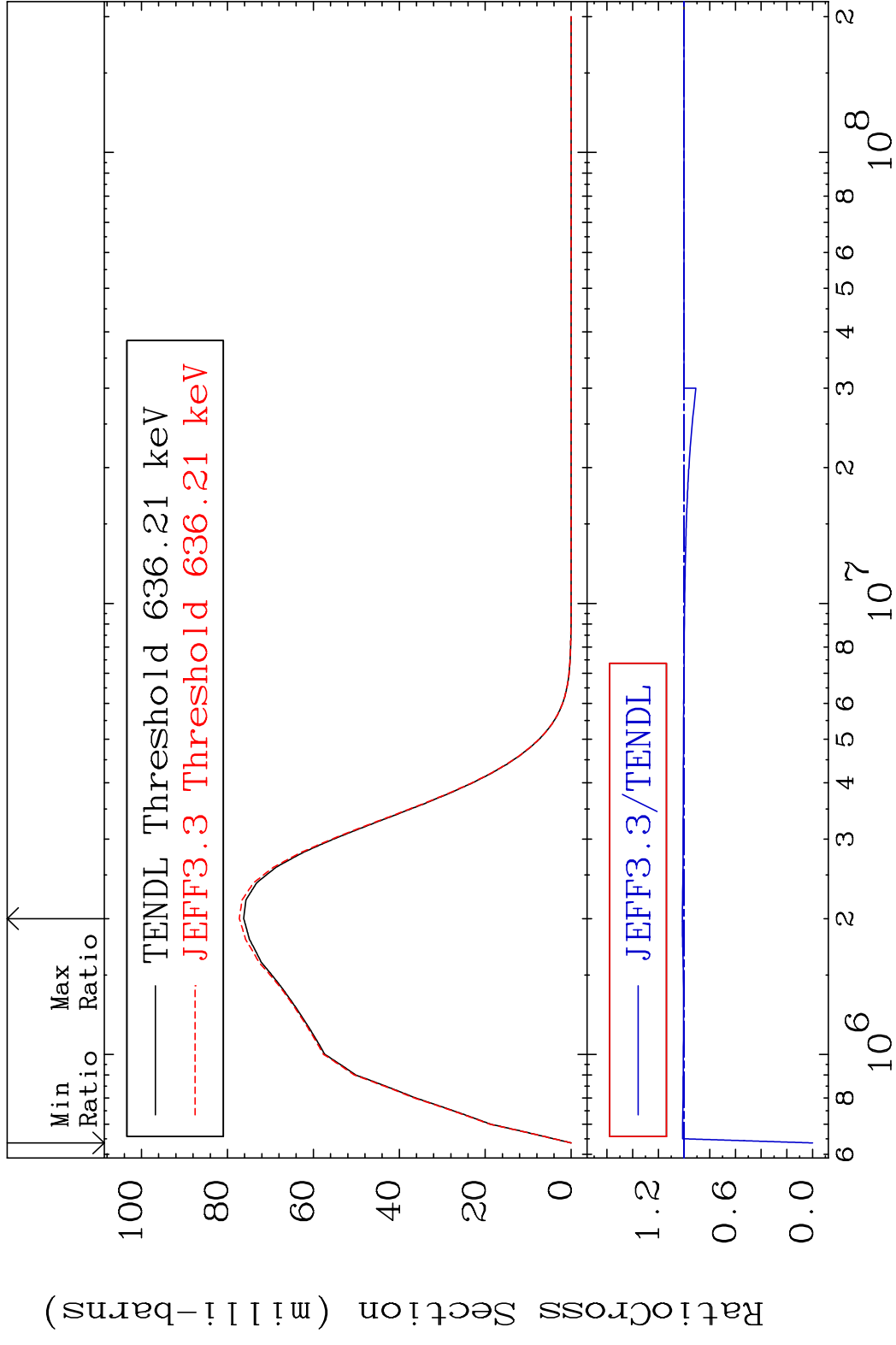
MAT 8322 MT= 53 (n, n') Level 83-Bi-208
 Cross Section -0.011 To 0.709 %



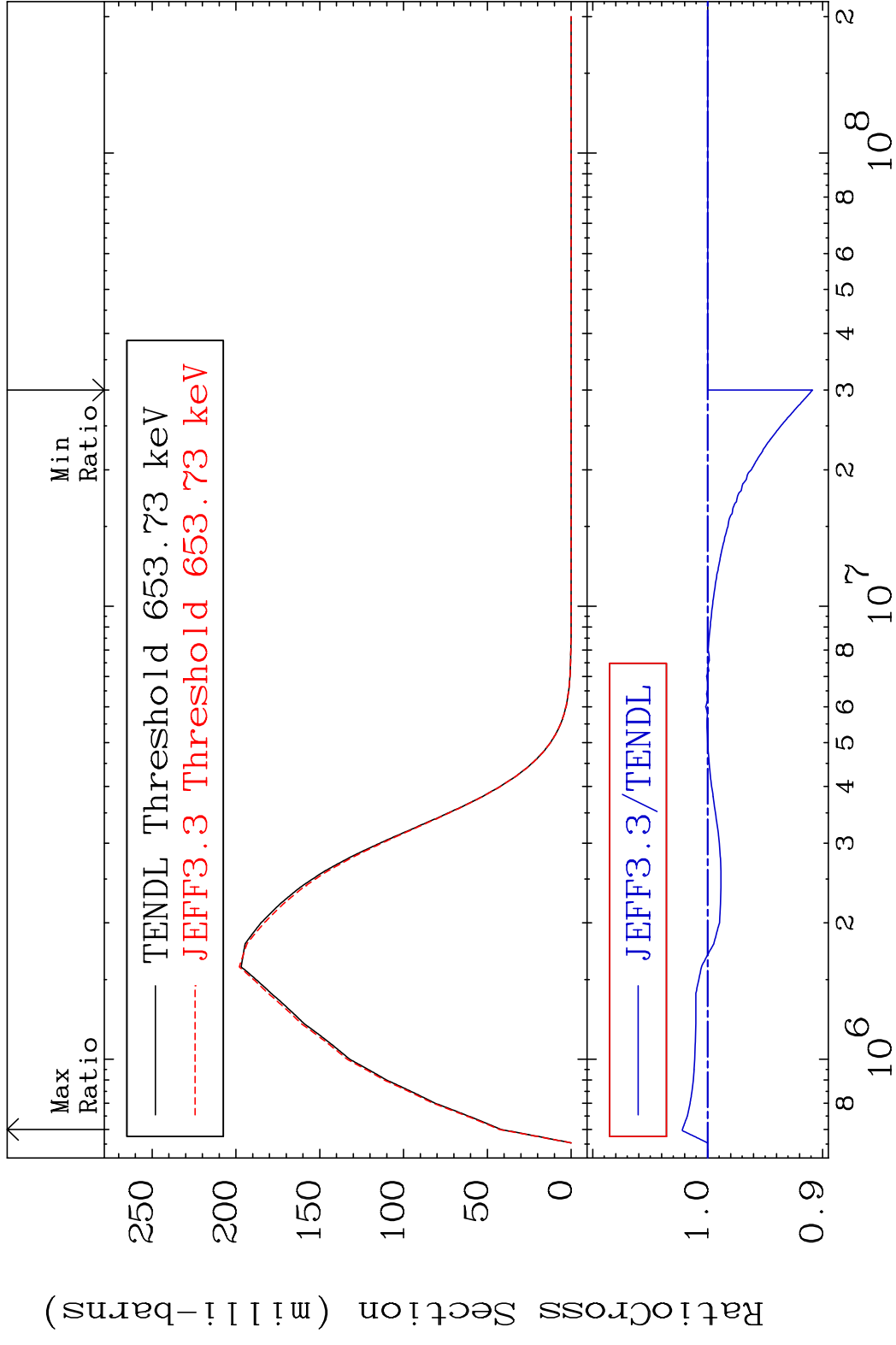
MAT 8322 MT= 54 (n,n') Level 83-Bi-208
 Cross Section -9.115 To 0.744 %



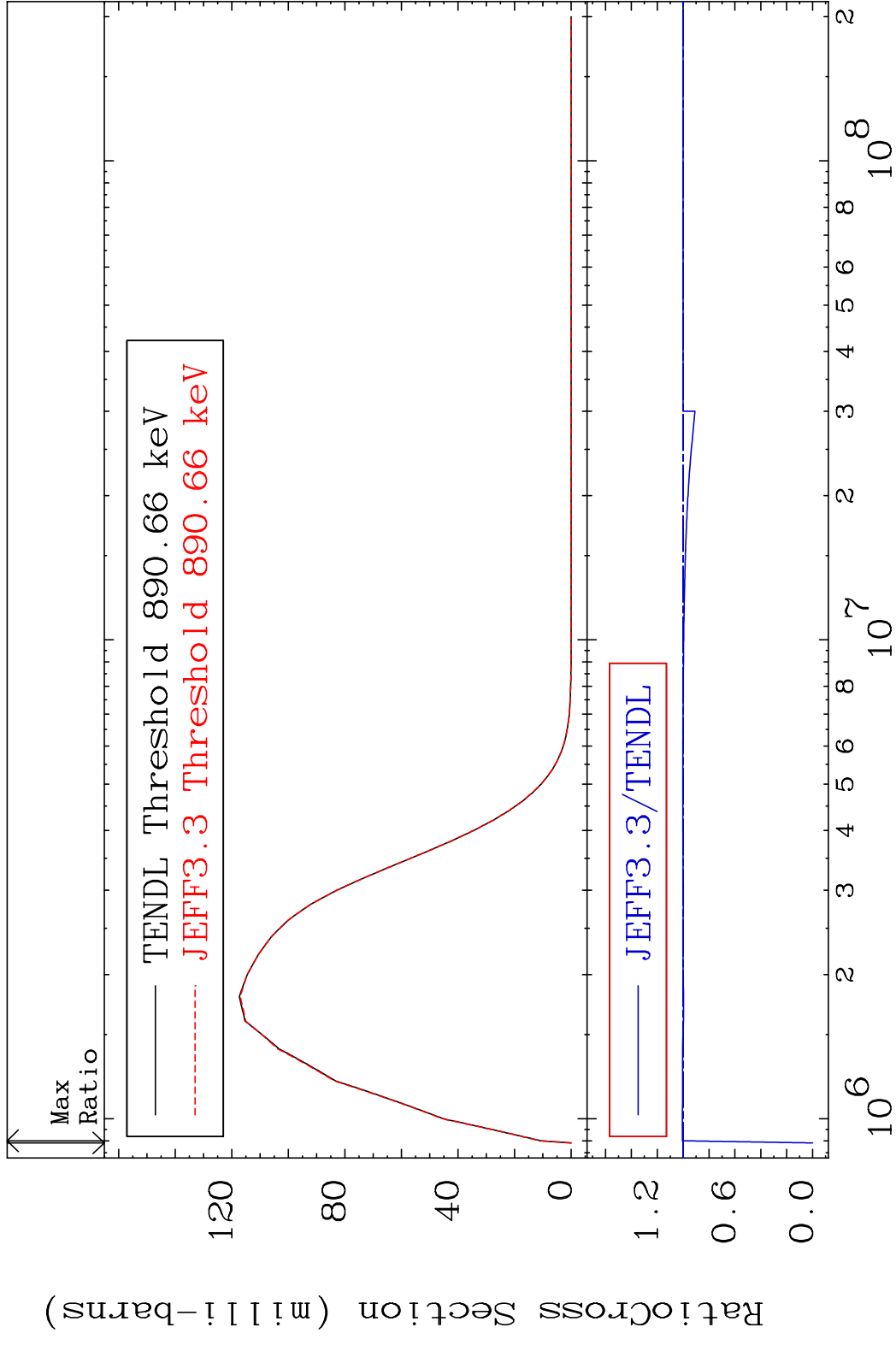
MAT 8322 MT= 55 (n,n') Level 83-Bi-208
 Cross Section -100.0 To 1.345 %



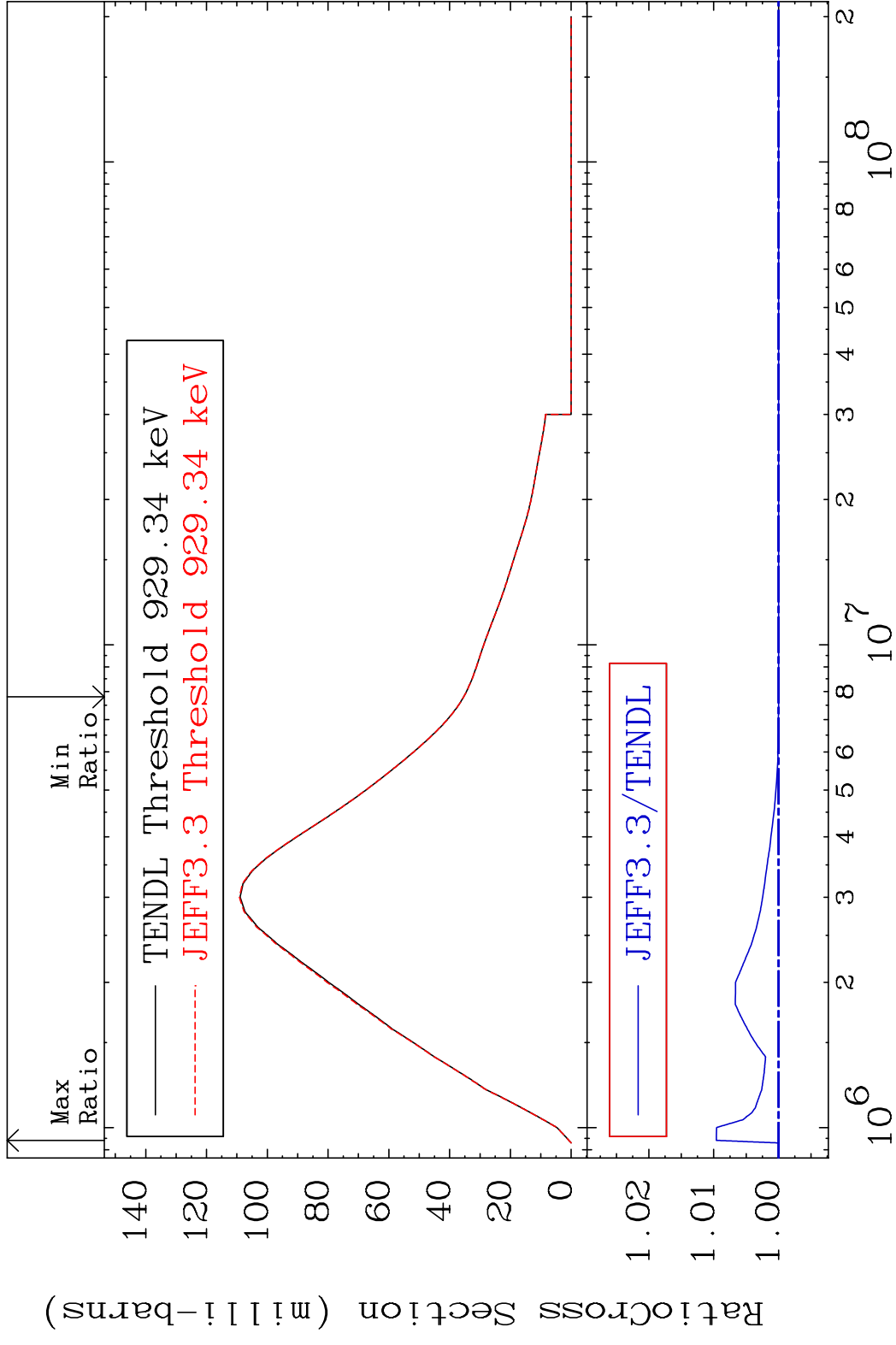
MAT 8322 MT= 56 (n,n') Level 83-Bi-208
 Cross Section -9.132 To 2.202 %



MAT 8322 MT= 57 (n,n') Level 83-Bi-208
 Cross Section -100.0 To 0.605 %

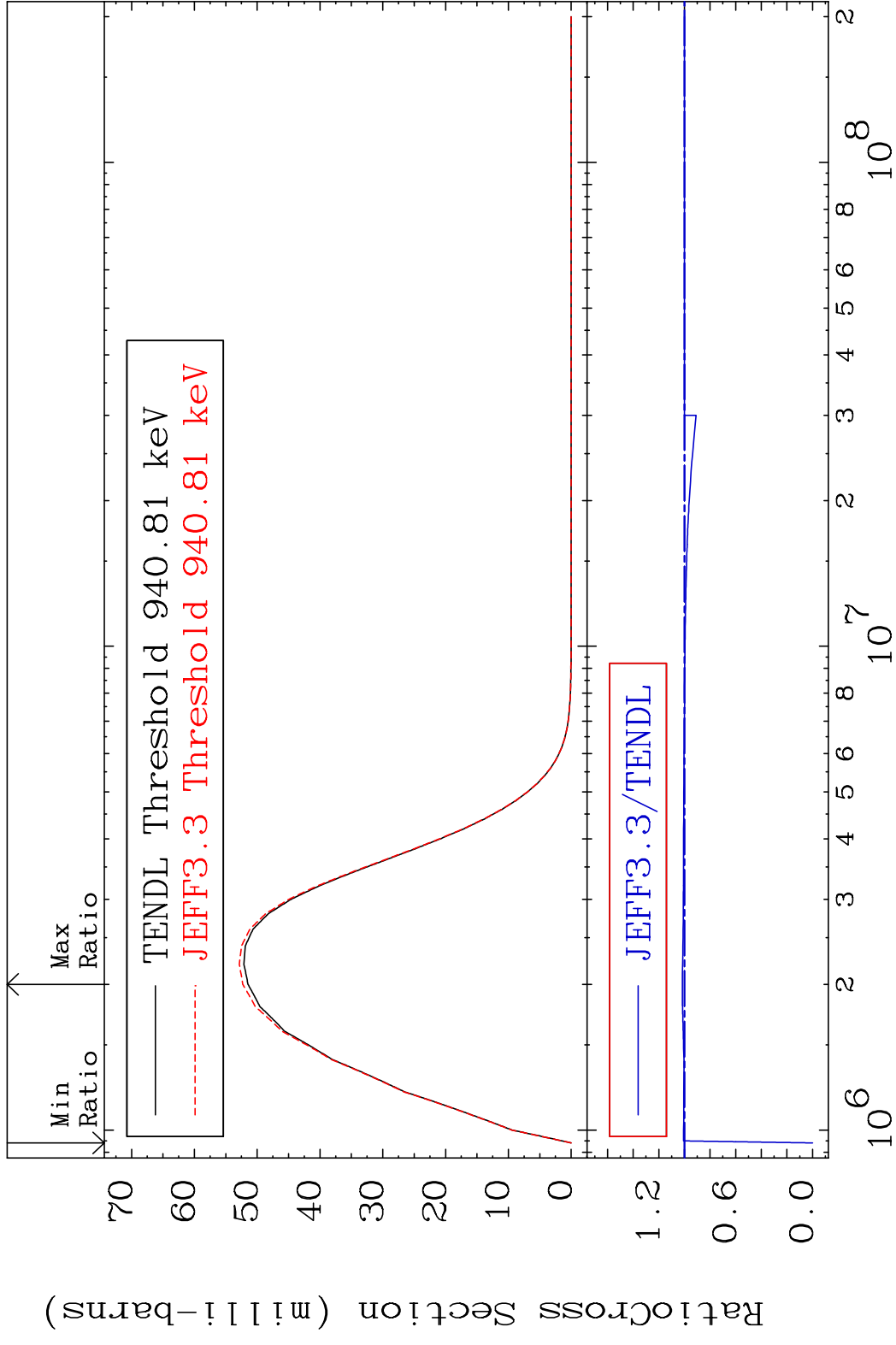


MAT 8322 MT= 58 (n,n') Level 83-Bi-208
 Cross Section 0.000 To 0.960 %



27 Incident Energy (eV) 83-Bi-208

MAT 8322 MT= 59 (n,n') Level 83-Bi-208
 Cross Section -100.0 To 1.611 %



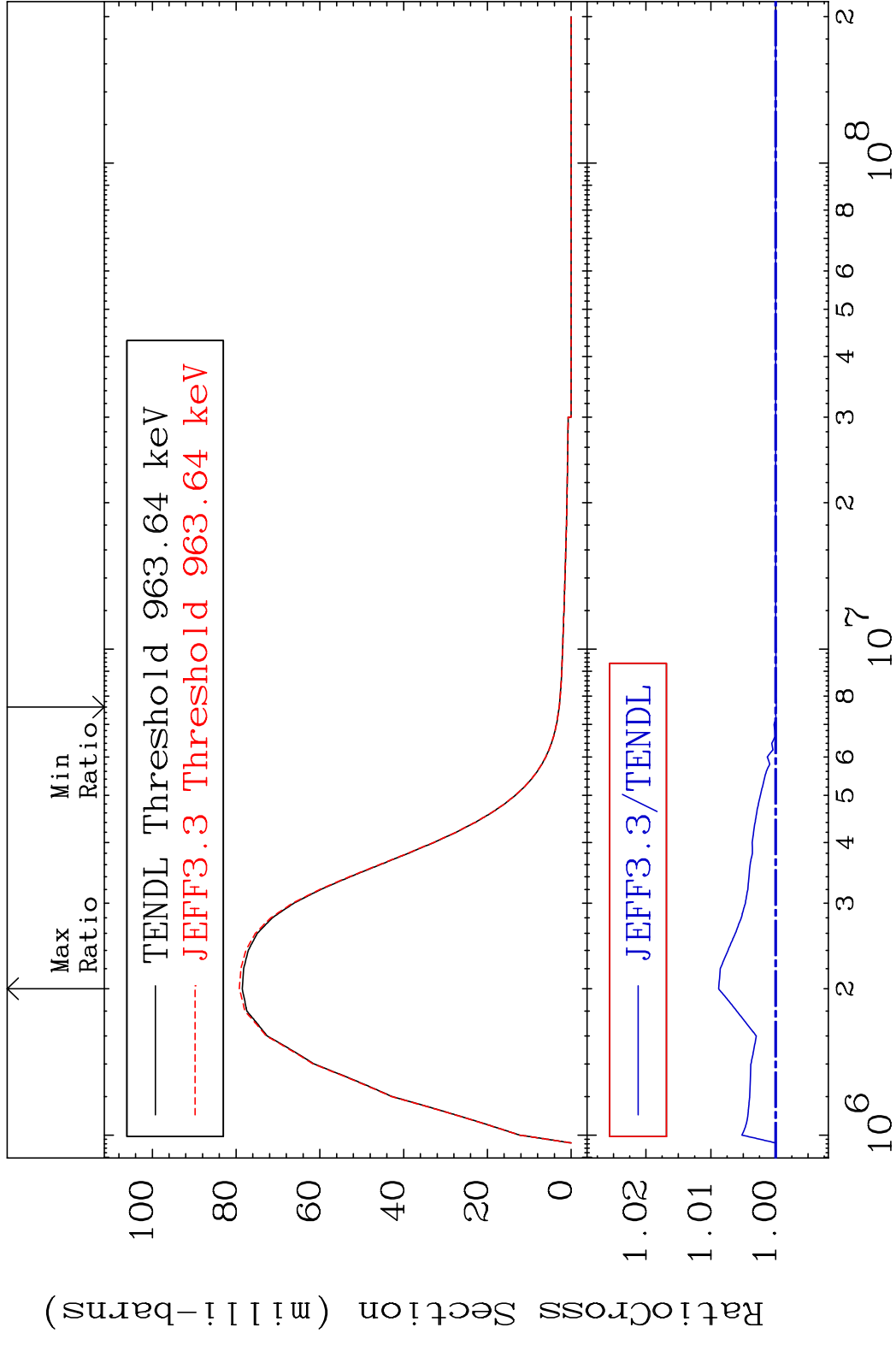
28 Incident Energy (eV) 83-Bi-208

MAT 8322

MT= 60 (n, n') Level

83-Bi-208

Cross Section -0.011 To 0.880 %



29

Incident Energy (eV)

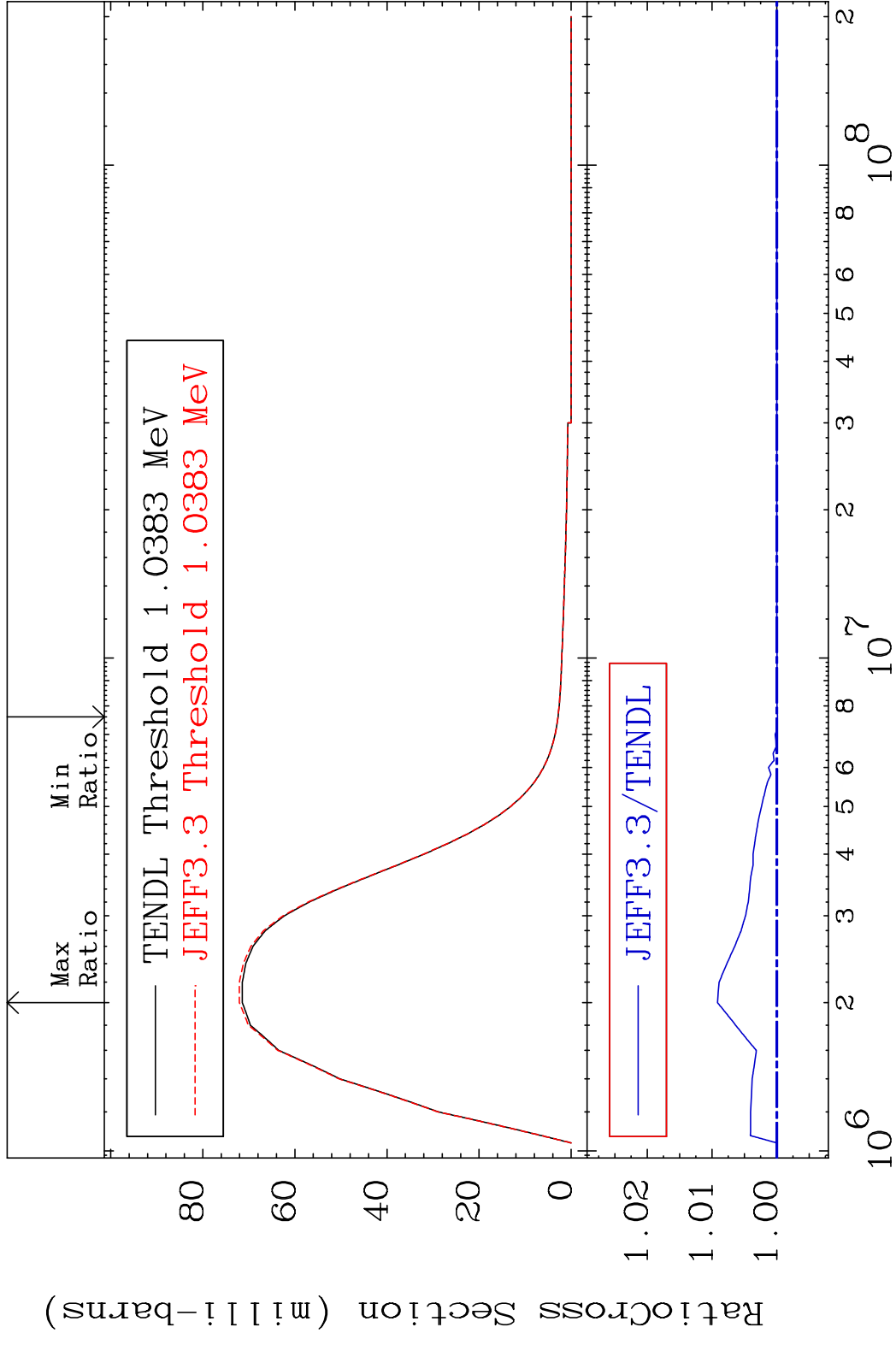
83-Bi-208

MAT 8322

MT= 61 (n, n') Level

83-Bi-208

Cross Section -0.010 To 0.916 %

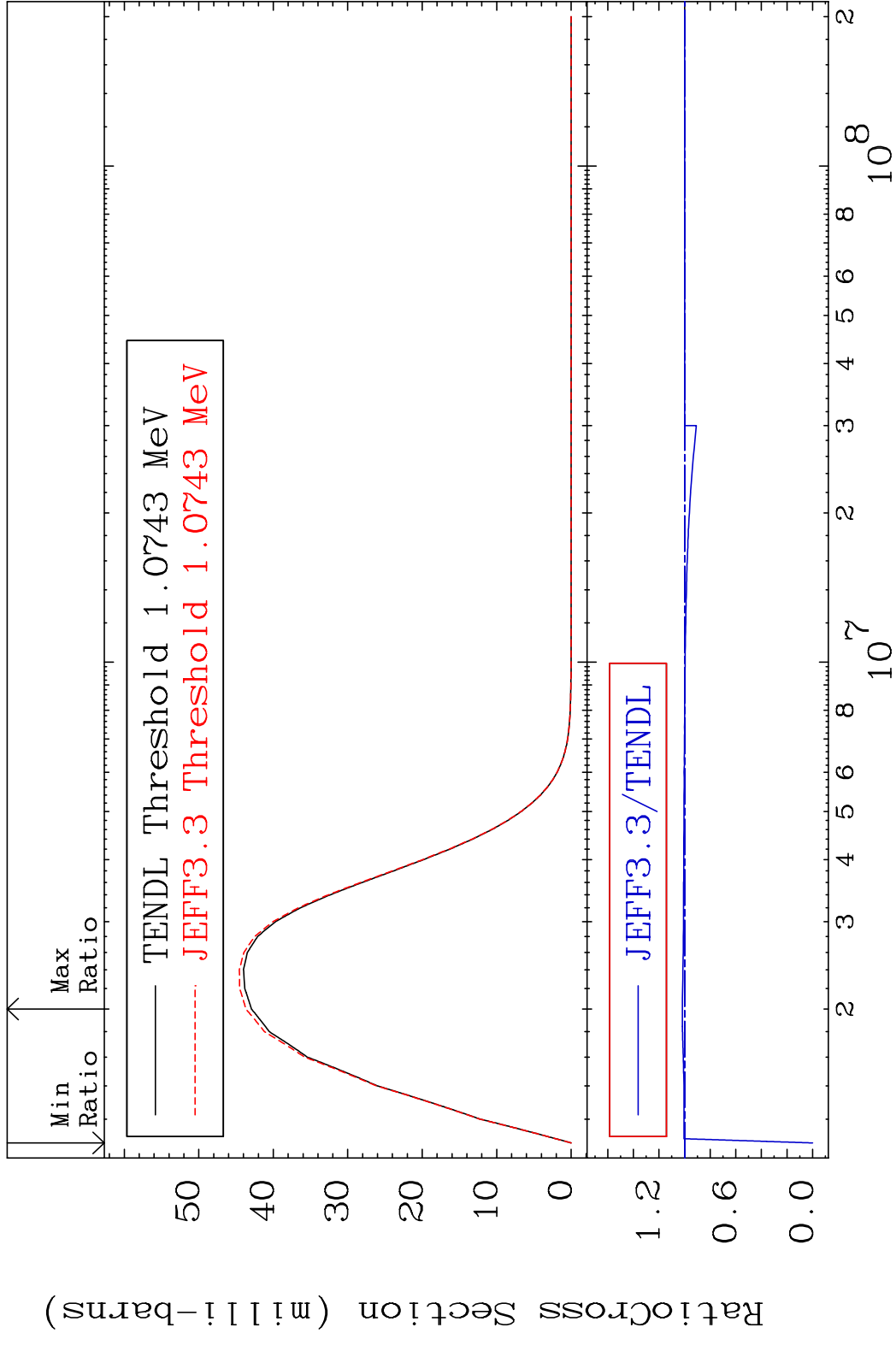


30

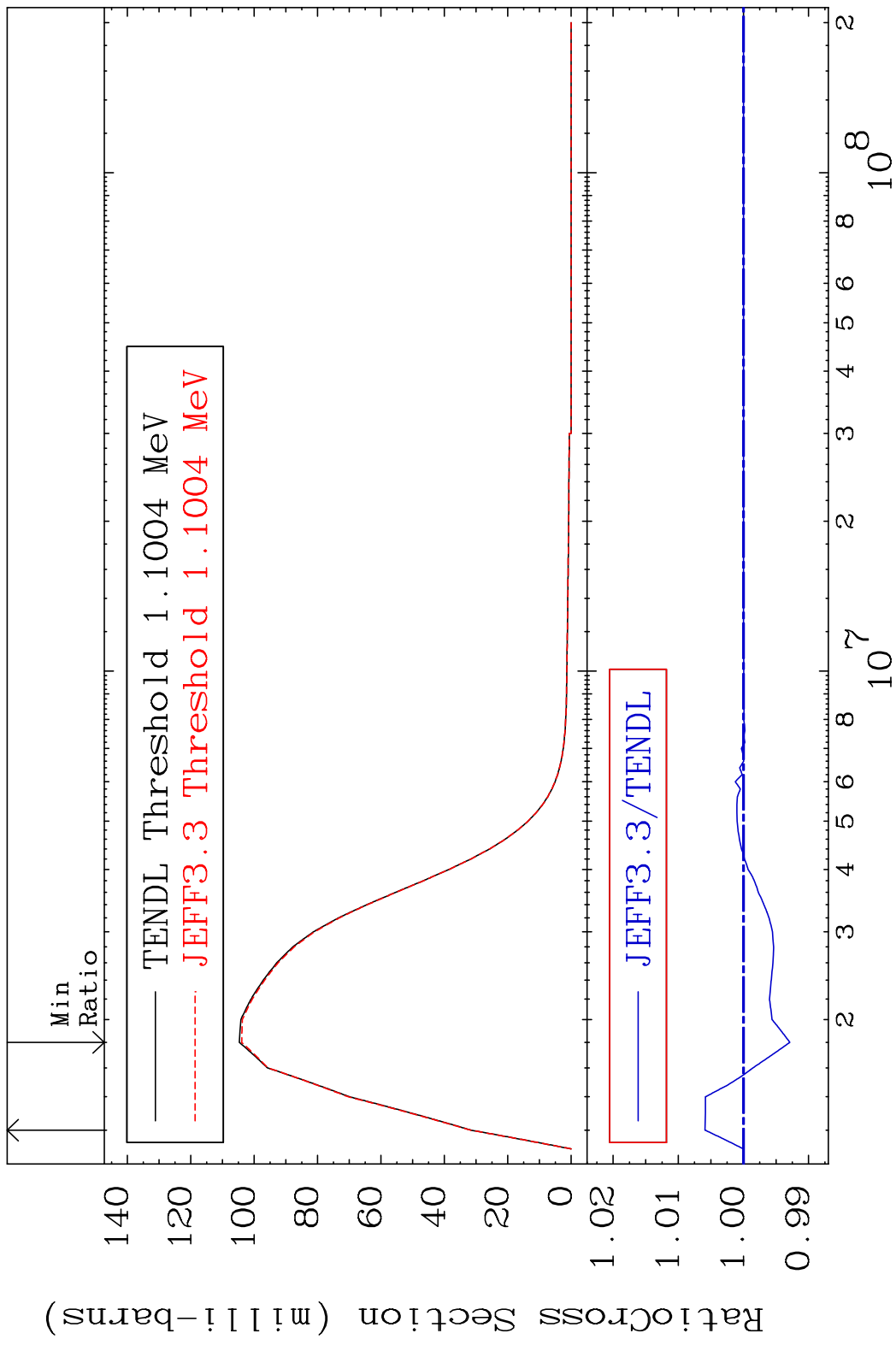
Incident Energy (eV)

83-Bi-208

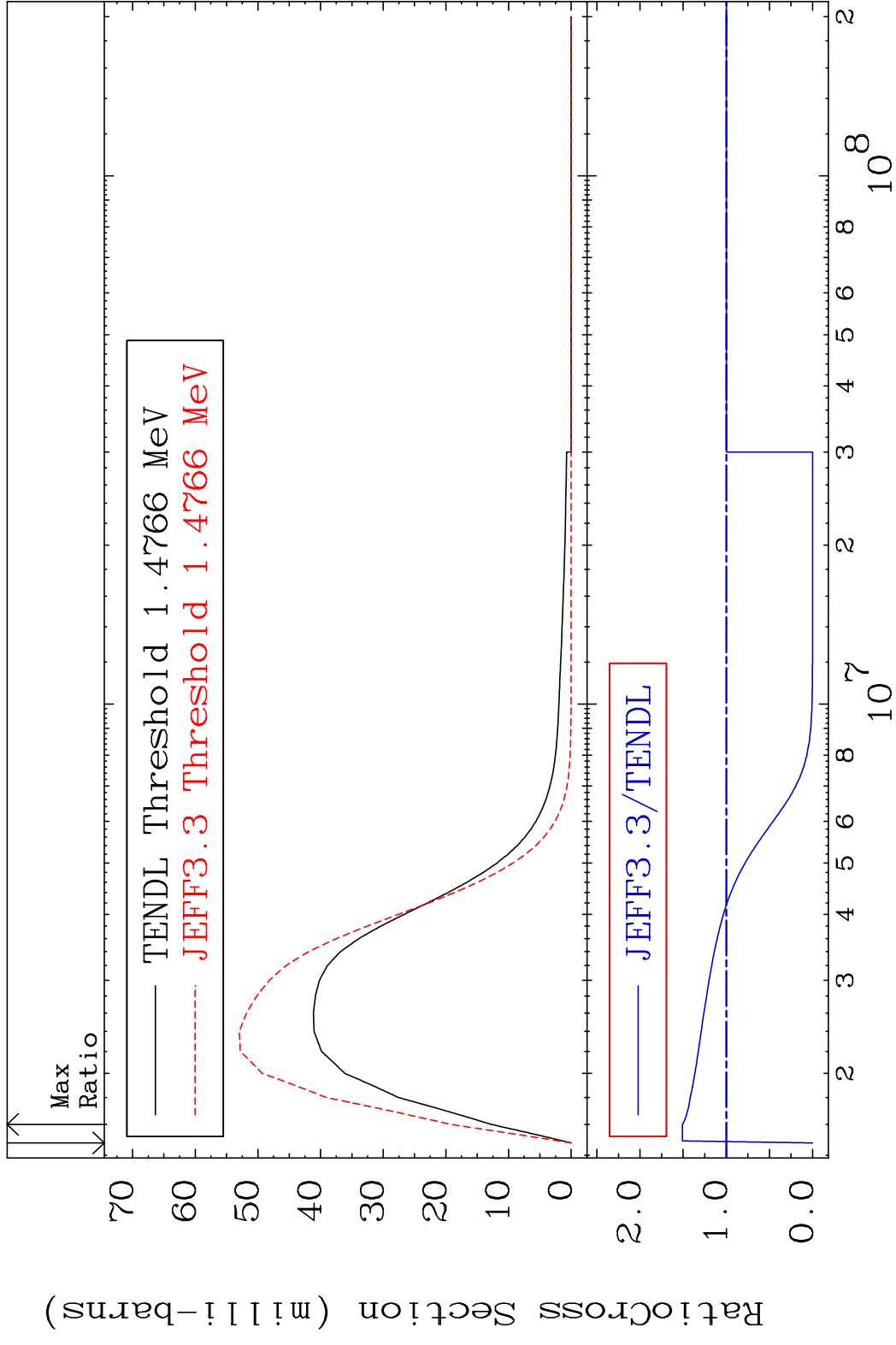
MAT 8322 MT= 62 (n, n') Level 83-Bi-208
 Cross Section -100.0 To 1.735 %



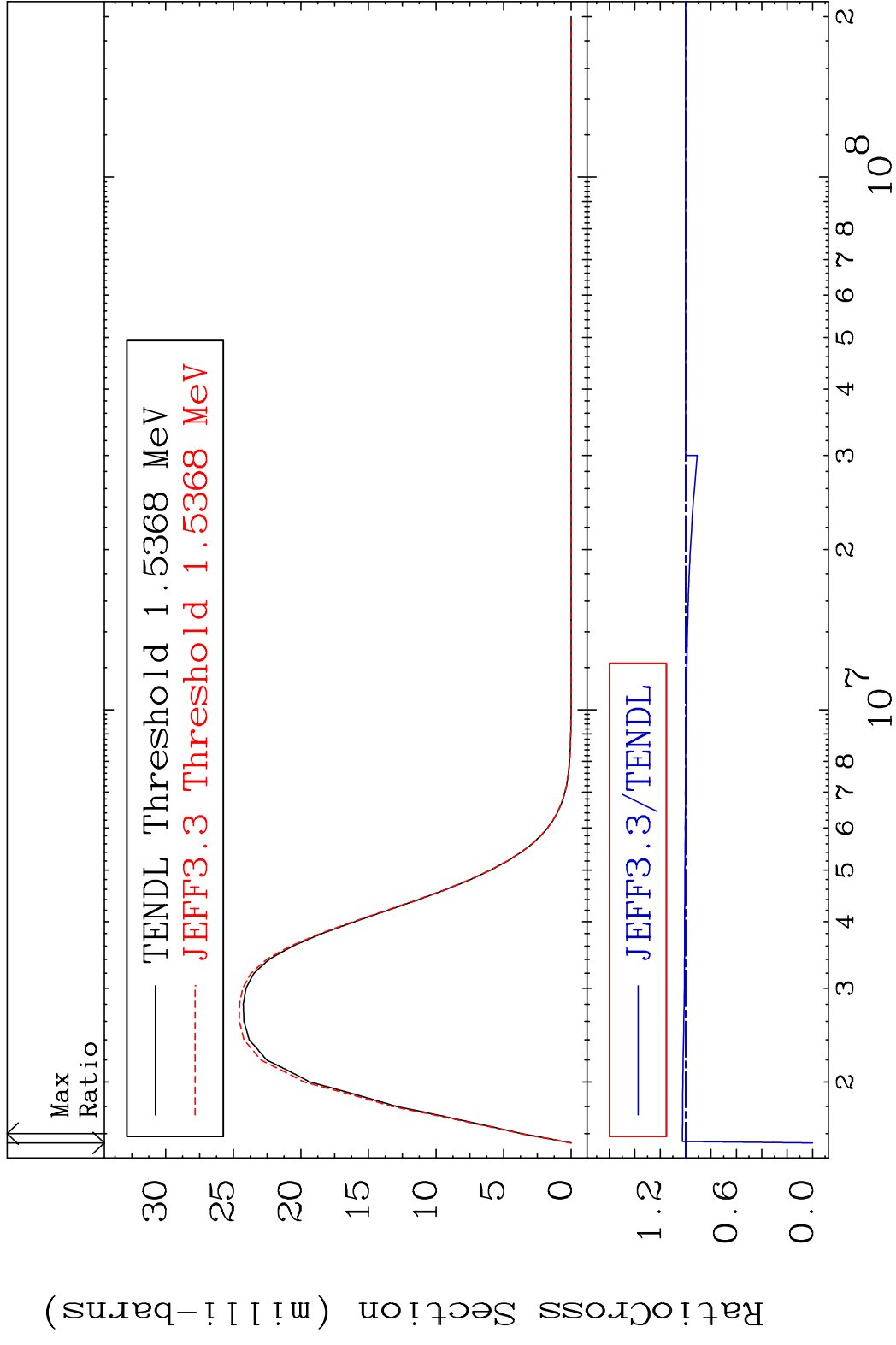
MAT 8322 MT= 63 (n, n') Level 83-Bi-208
 Cross Section -0.712 To 0.589 %



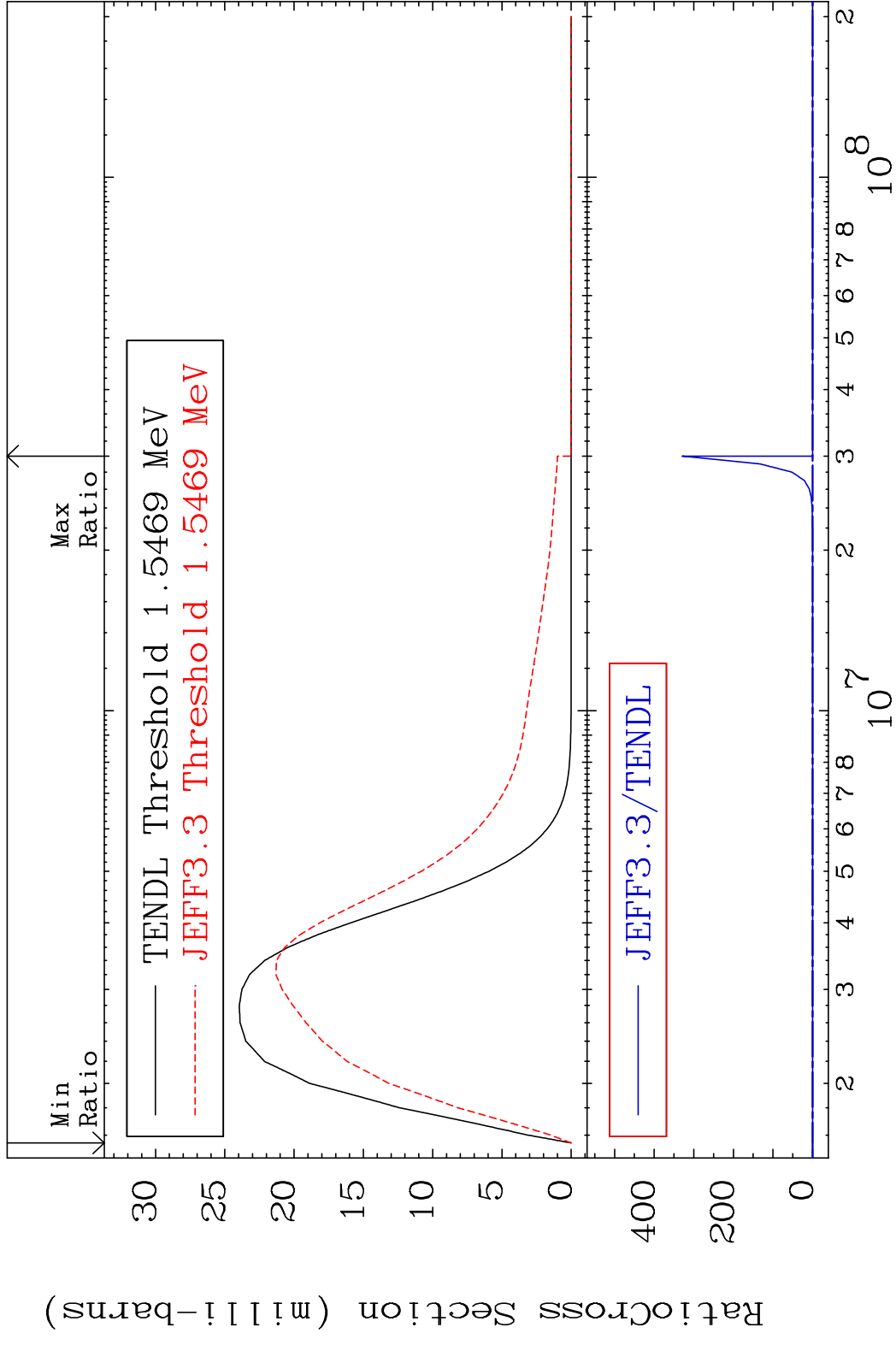
MAT 8322 MT= 64 (n, n') Level 83-Bi-208
 Cross Section -100.0 To 50.94 %



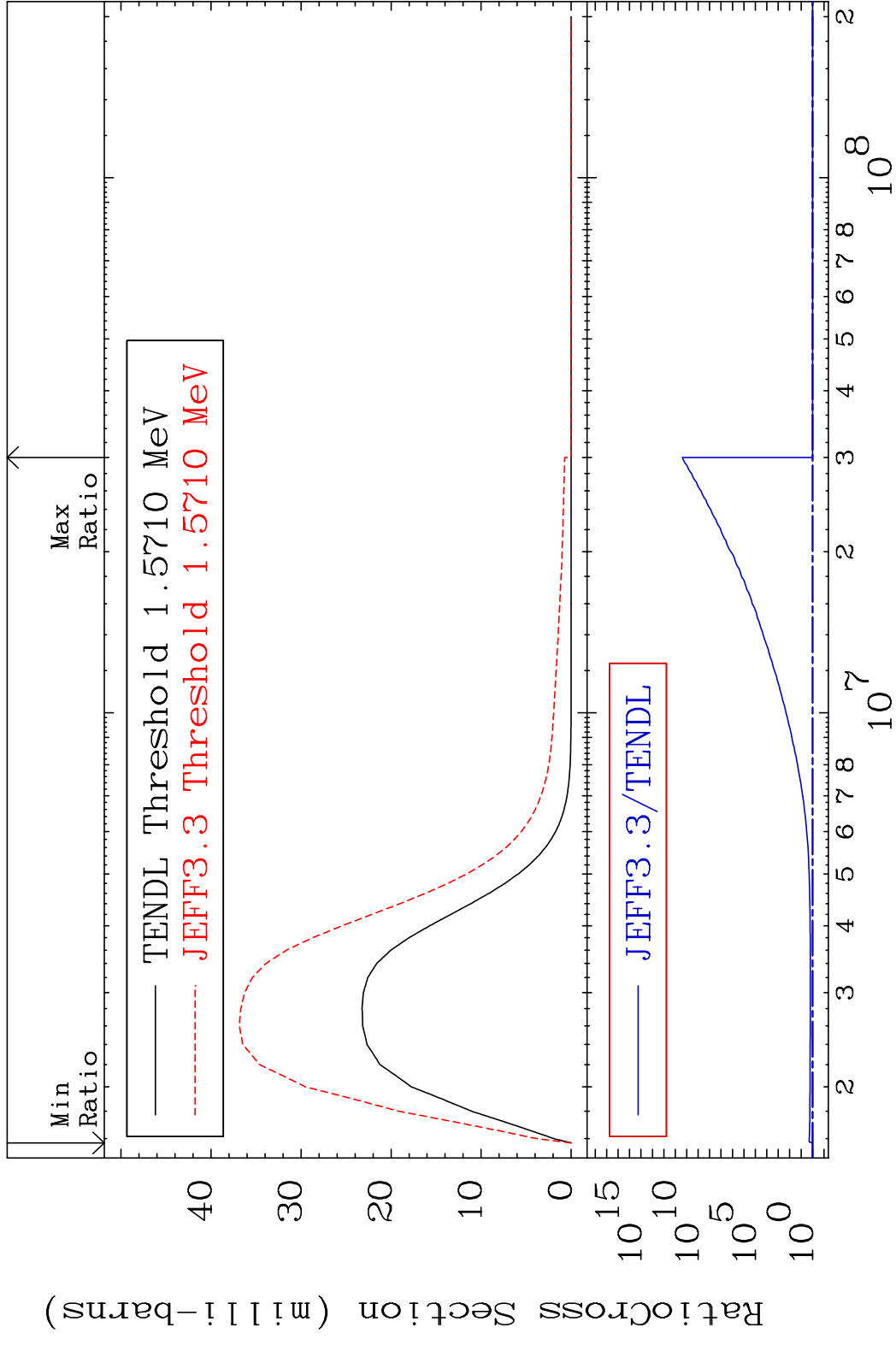
MAT 8322 MT= 65 (n,n') Level 83-Bi-208
 Cross Section -100.0 To 2.567 %



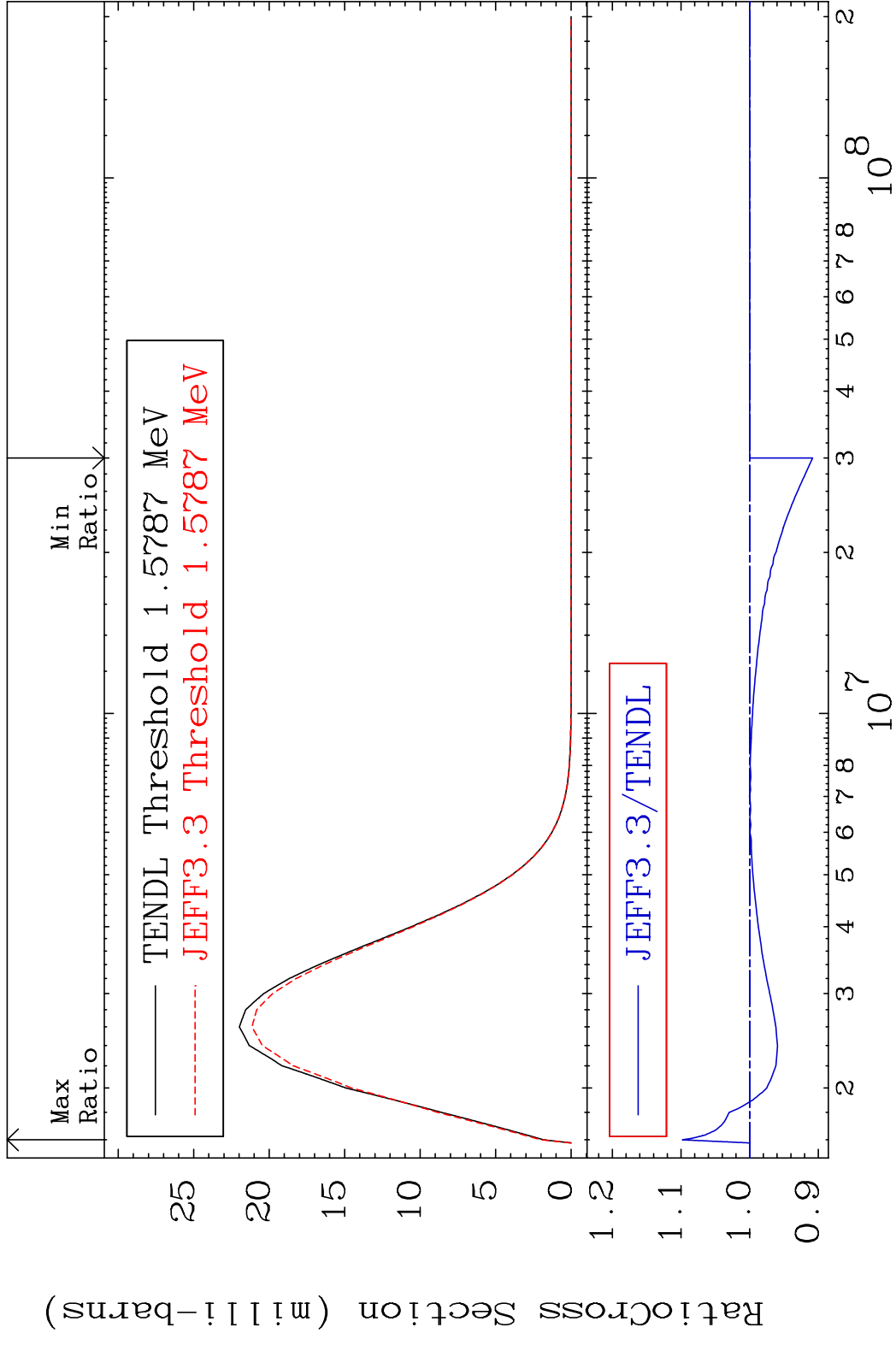
MAT 8322 MT= 66 (n, n') Level 83-Bi-208
 Cross Section -100.0 To 9999. %



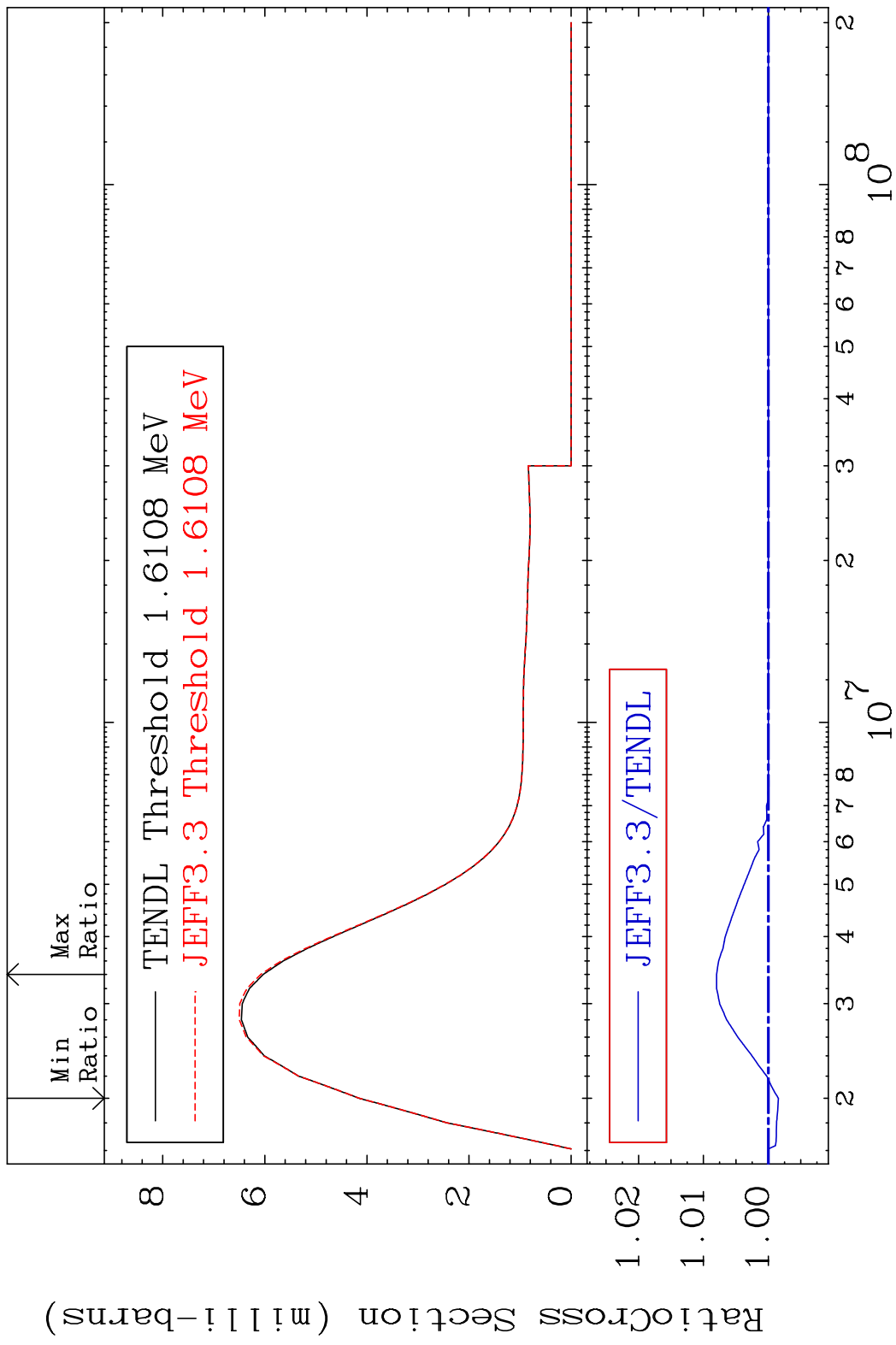
MAT 8322 MT= 67 (n, n') Level 83-Bi-208
 Cross Section 0.000 To 9999. %



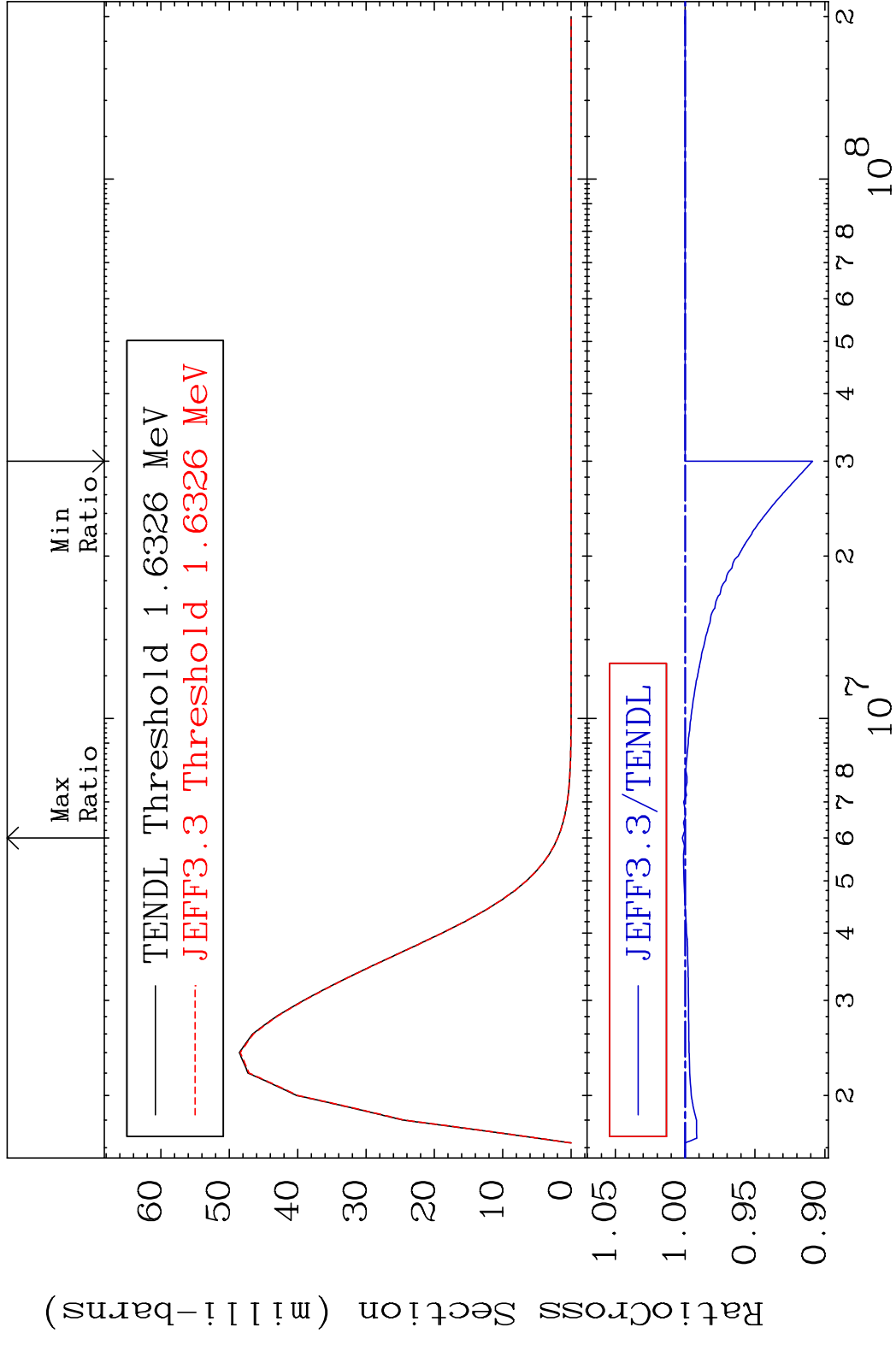
MAT 8322 MT= 68 (n,n') Level 83-Bi-208
 Cross Section -9.165 To 9.807 %



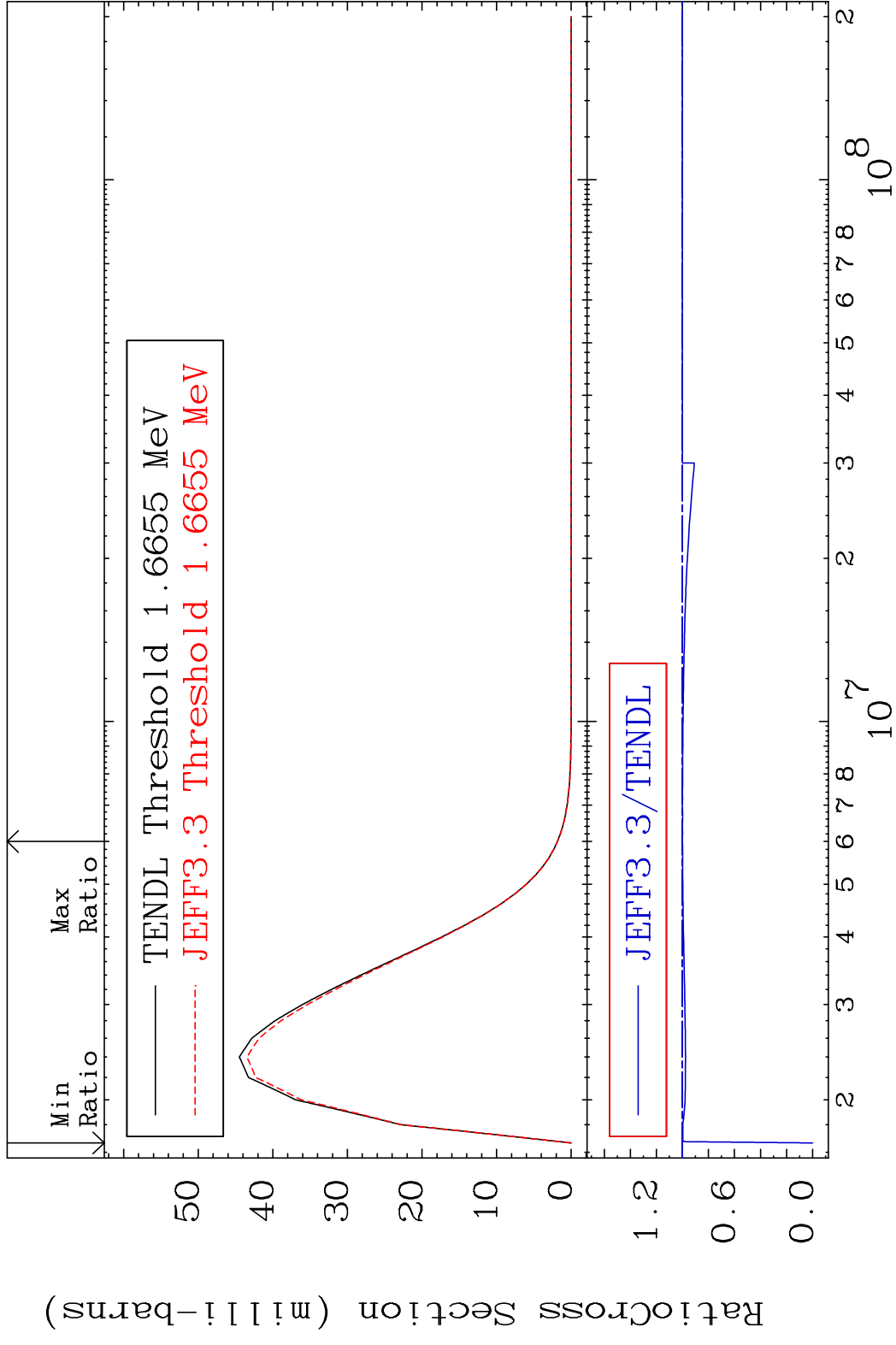
MAT 8322 MT= 69 (n, n') Level 83-Bi-208
 Cross Section -0.155 To 0.798 %



MAT 8322 MT= 70 (n, n') Level 83-Bi-208
 Cross Section -9.122 To 0.201 %

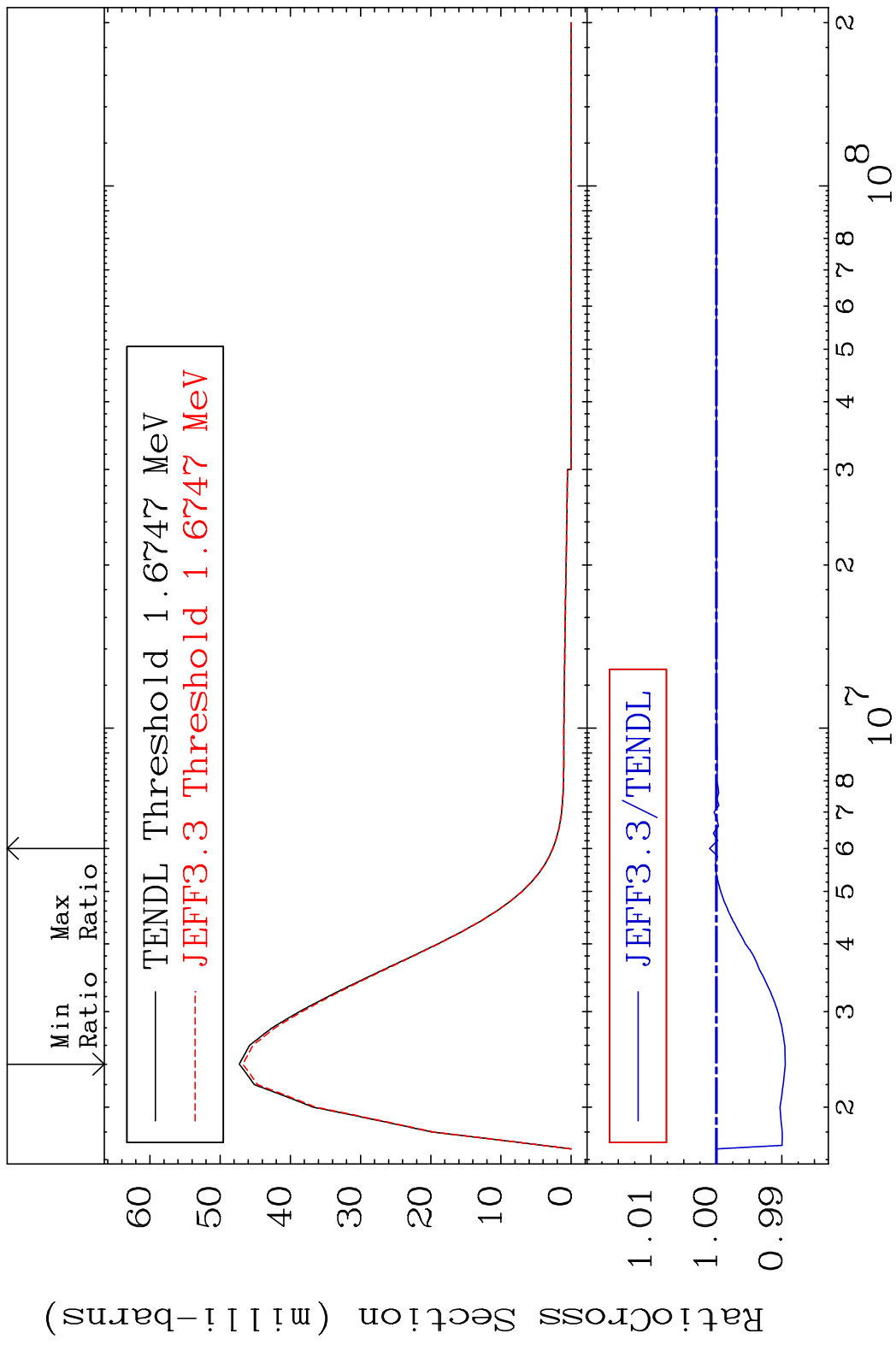


MAT 8322 MT= 71 (n,n') Level 83-Bi-208
 Cross Section -100.0 To 0.075 %

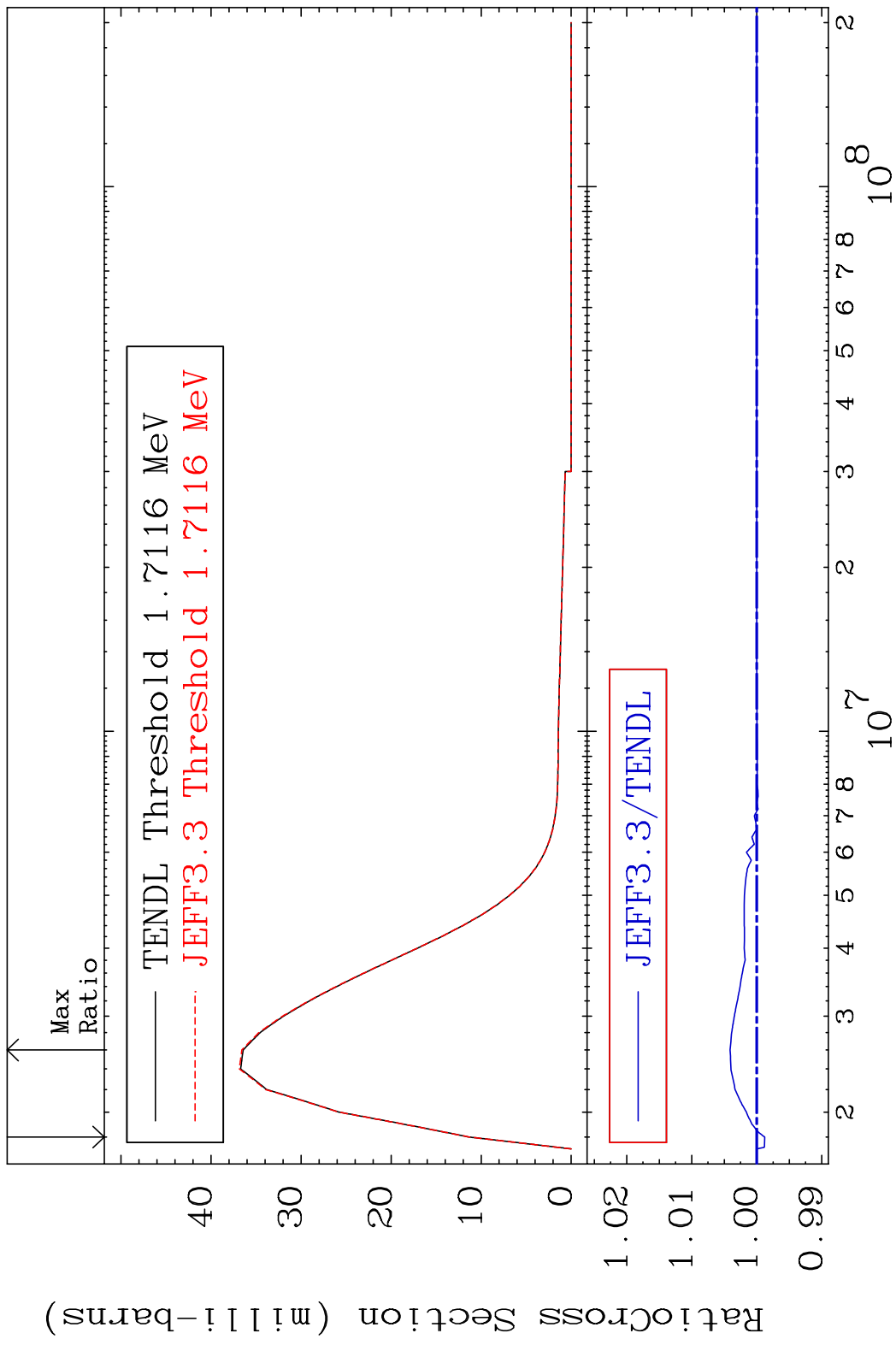


40 Incident Energy (eV) 83-Bi-208

MAT 8322 MT= 72 (n,n') Level 83-Bi-208
 Cross Section -1.053 To 0.104 %

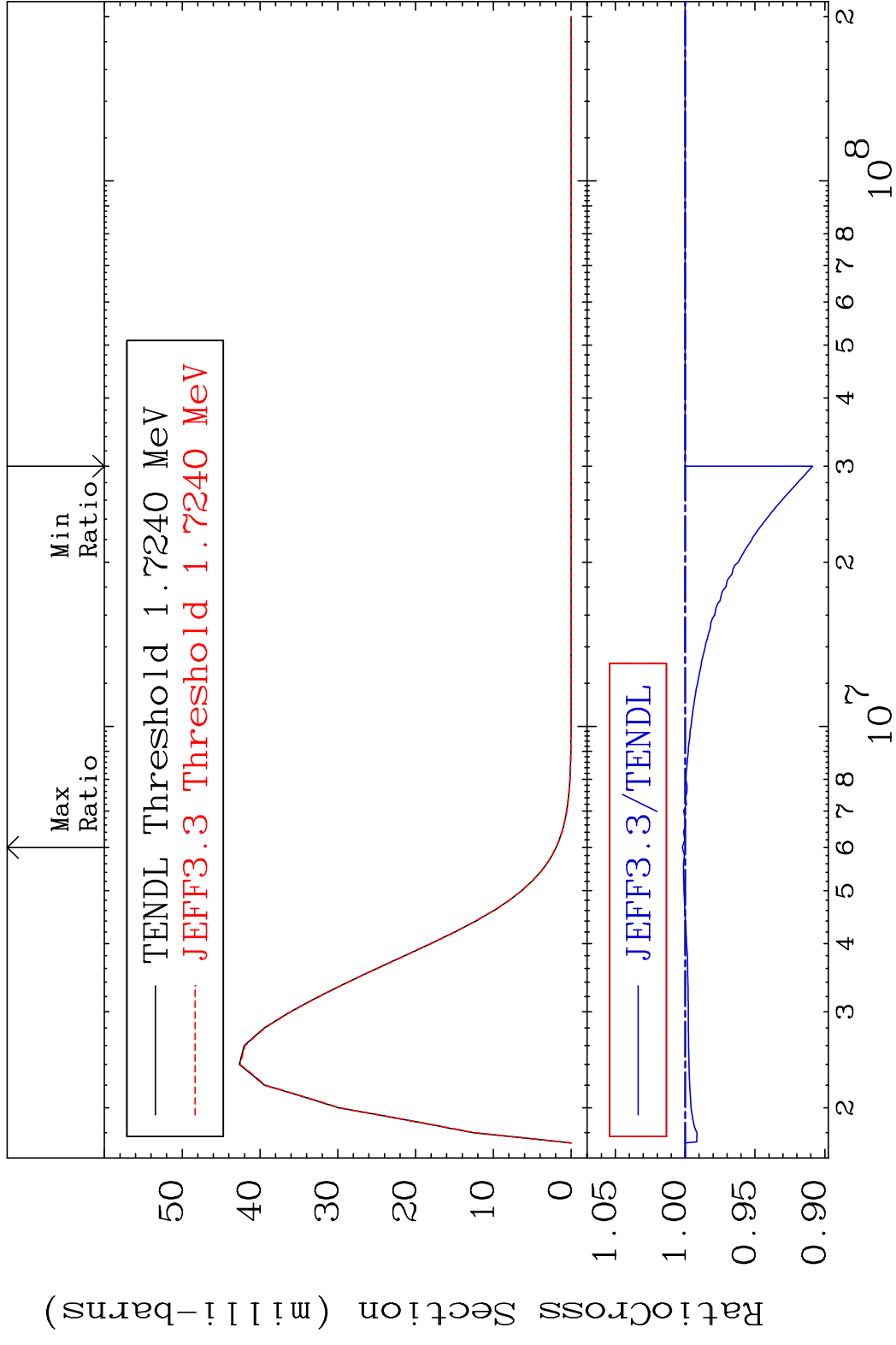


MAT 8322 MT= 73 (n, n') Level 83-Bi-208
 Cross Section -0.123 To 0.410 %



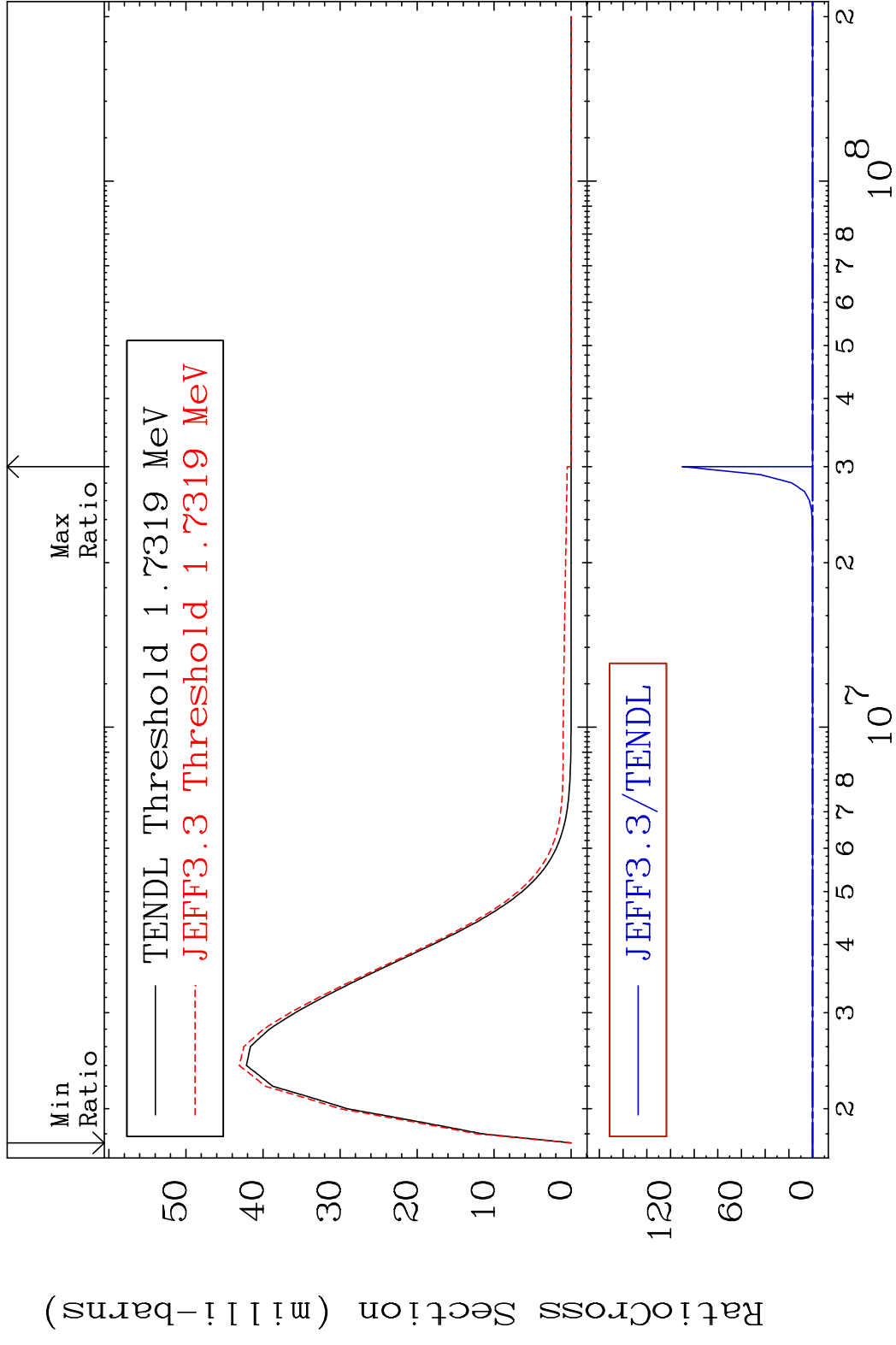
42 Incident Energy (eV) 83-Bi-208

MAT 8322 MT= 74 (n, n') Level 83-Bi-208
 Cross Section -9.121 To 0.201 %



43 Incident Energy (eV) 83-Bi-208

MAT 8322 MT= 75 (n, n') Level 83-Bi-208
 Cross Section -100.0 To 9999. %

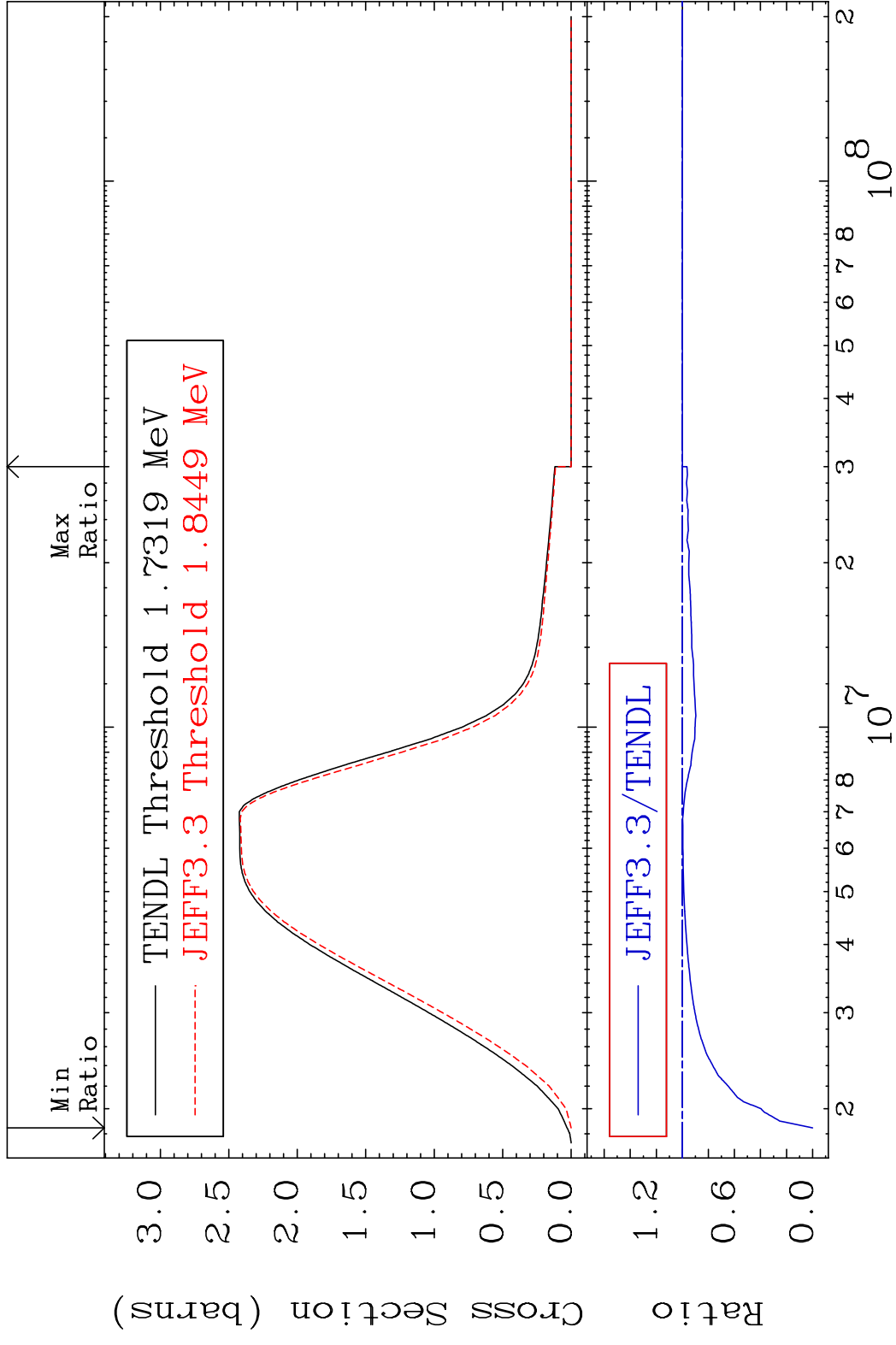


MAT 8322

(n,n') Continuum

83-Bi-208

Cross Section -100.0 To 0.000 %

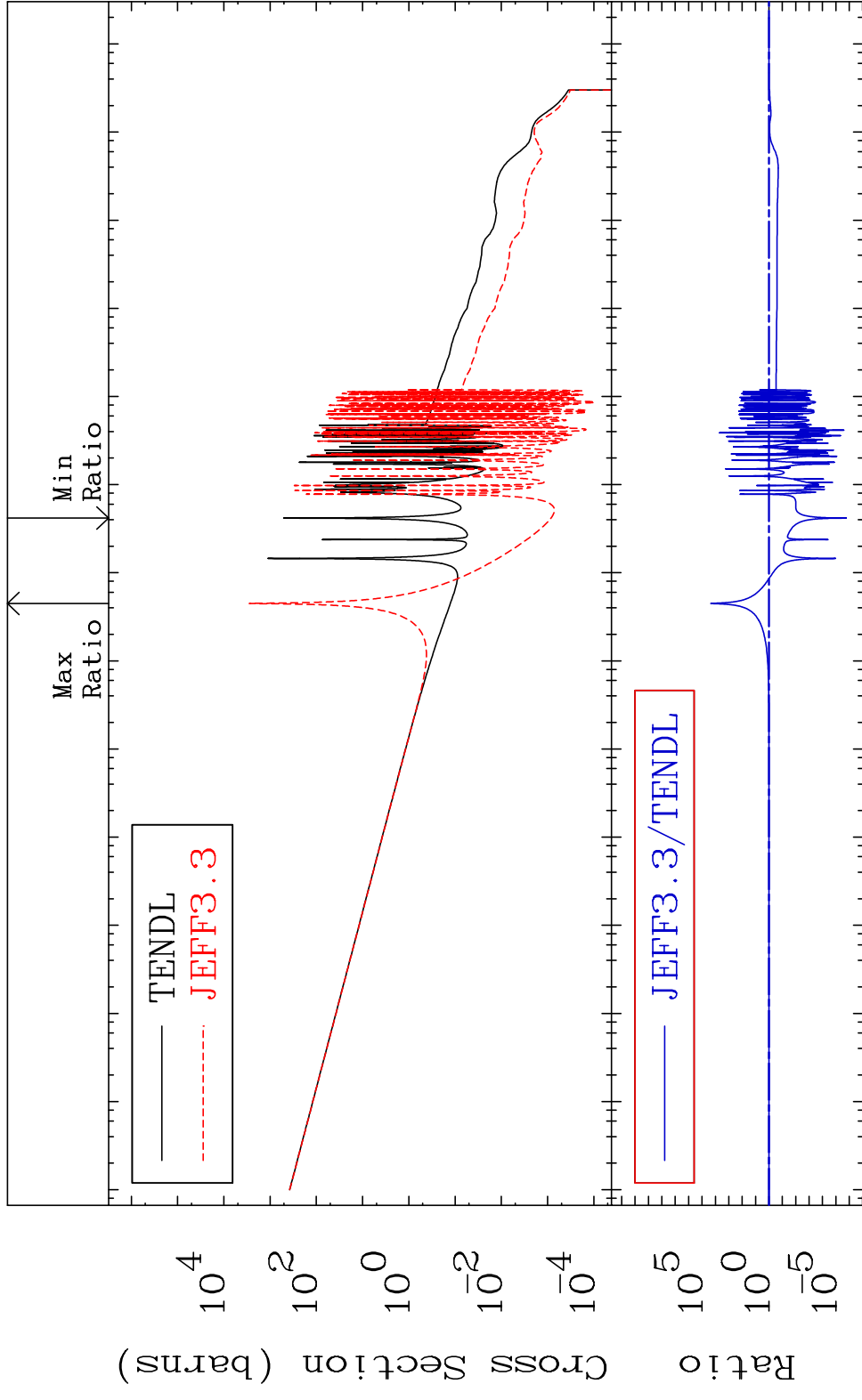


MAT 8322

83-Bi-208

(n, γ)

Cross Section -100.0 To 9999. %

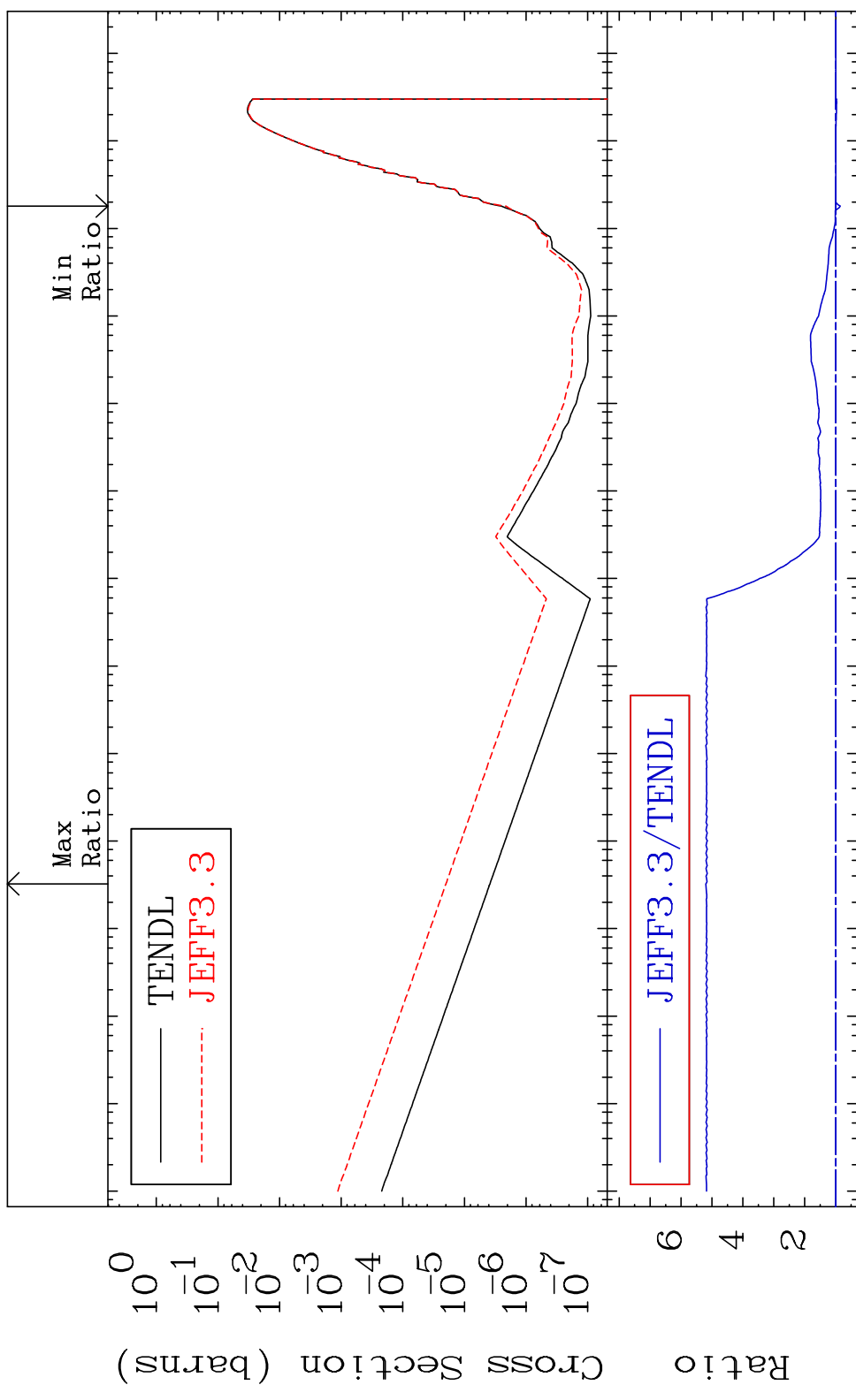


MAT 8322

(n, p)

83-Bi-208

Cross Section -15.39 To 420.1 %

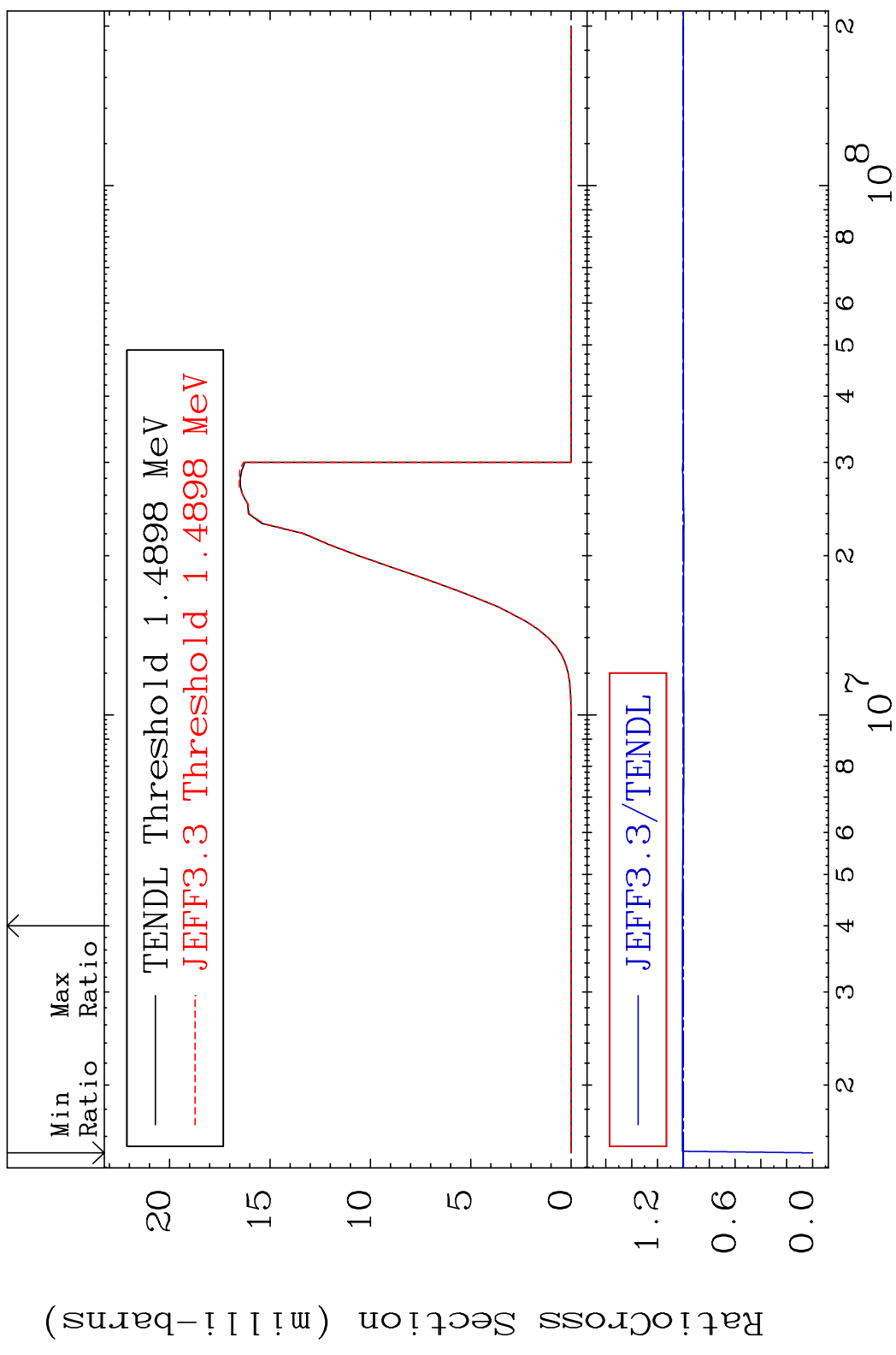


MAT 8322

(n, d)

83-Bi-208

Cross Section -100.0 To 0.776 %



48

Incident Energy (eV)

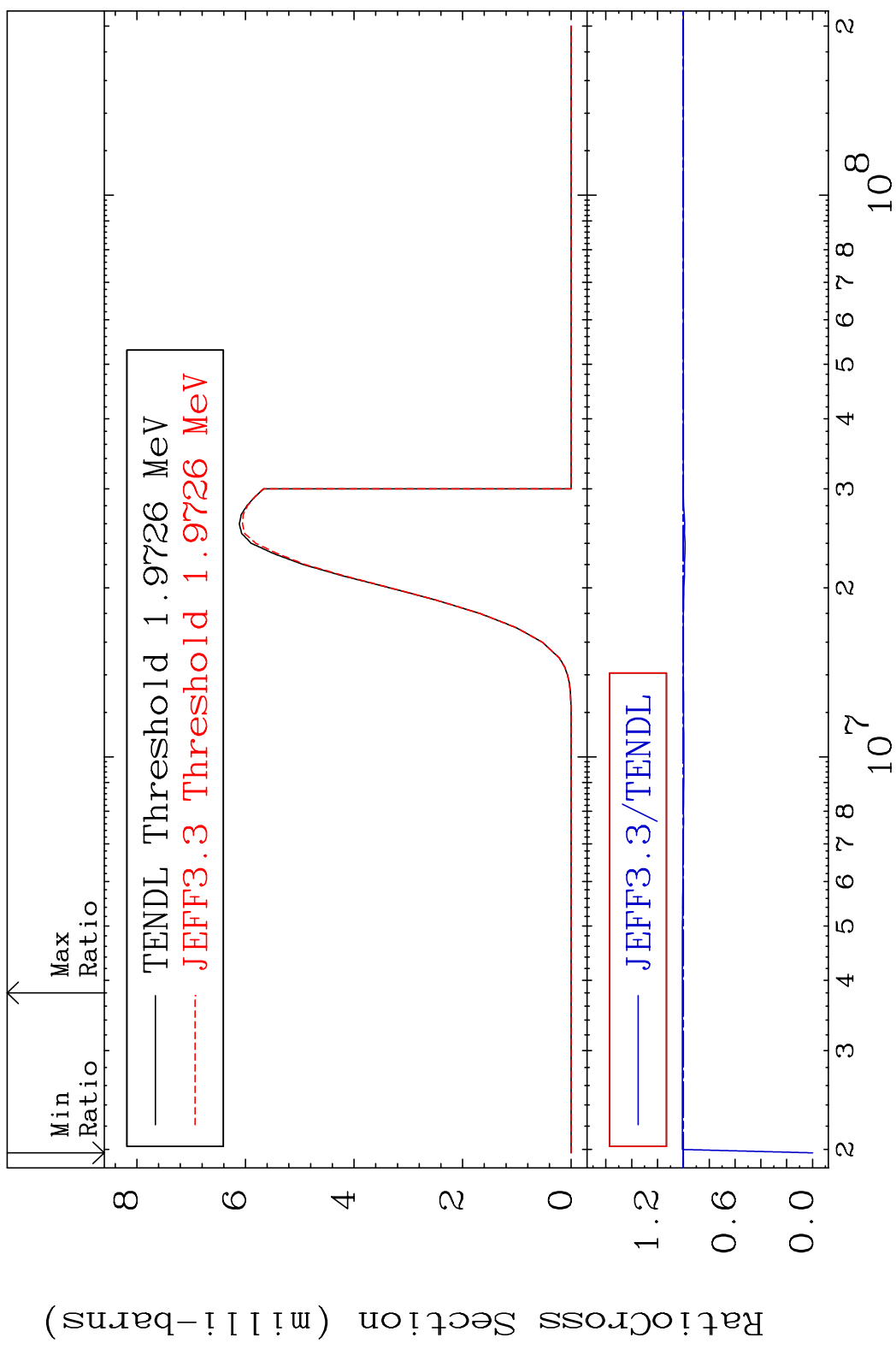
83-Bi-208

MAT 8322

(n, t)

83-Bi-208

Cross Section -100.0 To 0.783 %



49

Incident Energy (eV)

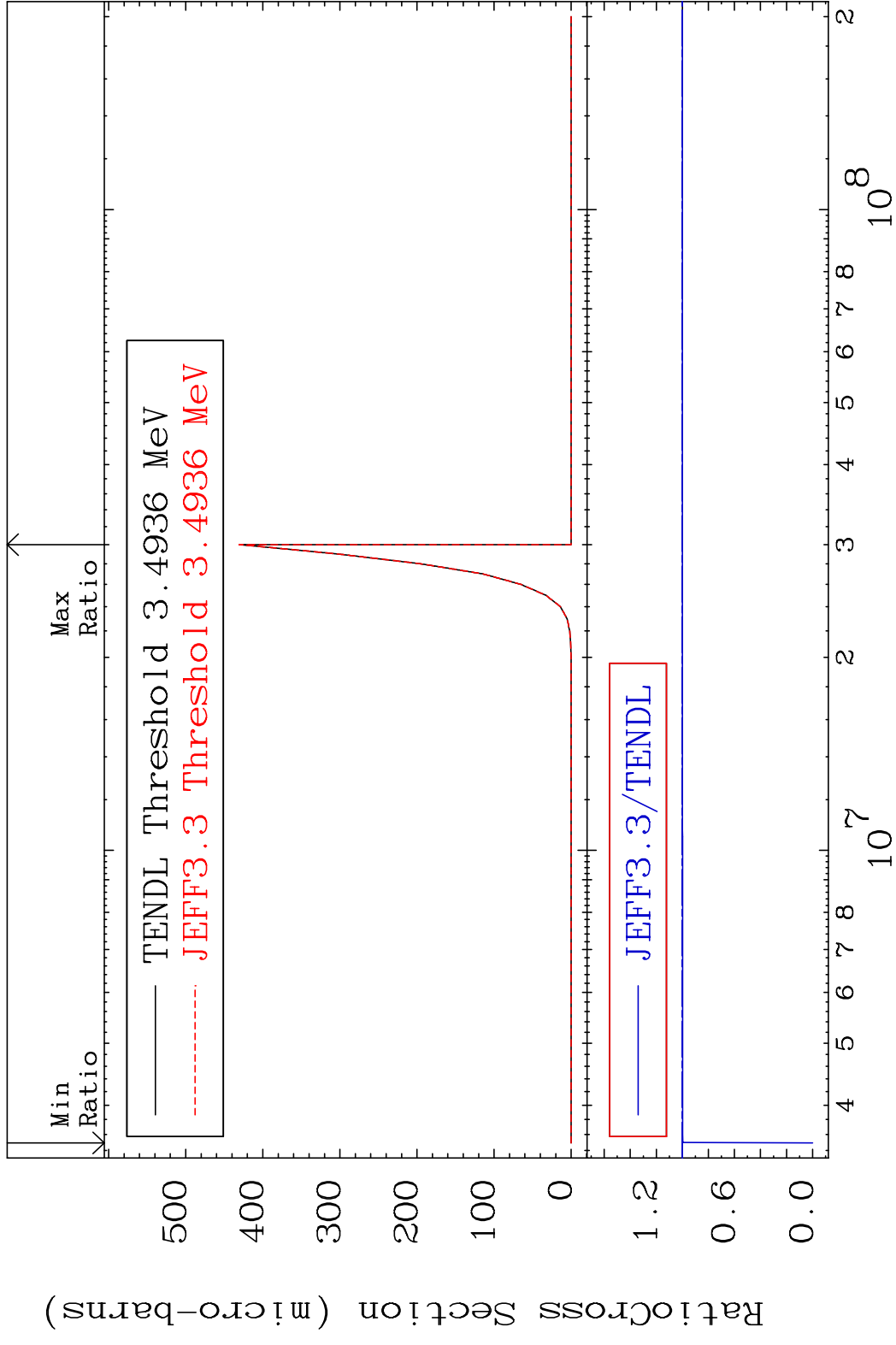
83-Bi-208

MAT 8322

(n, He-3)

83-Bi-208

Cross Section -100.0 To 0.000 %

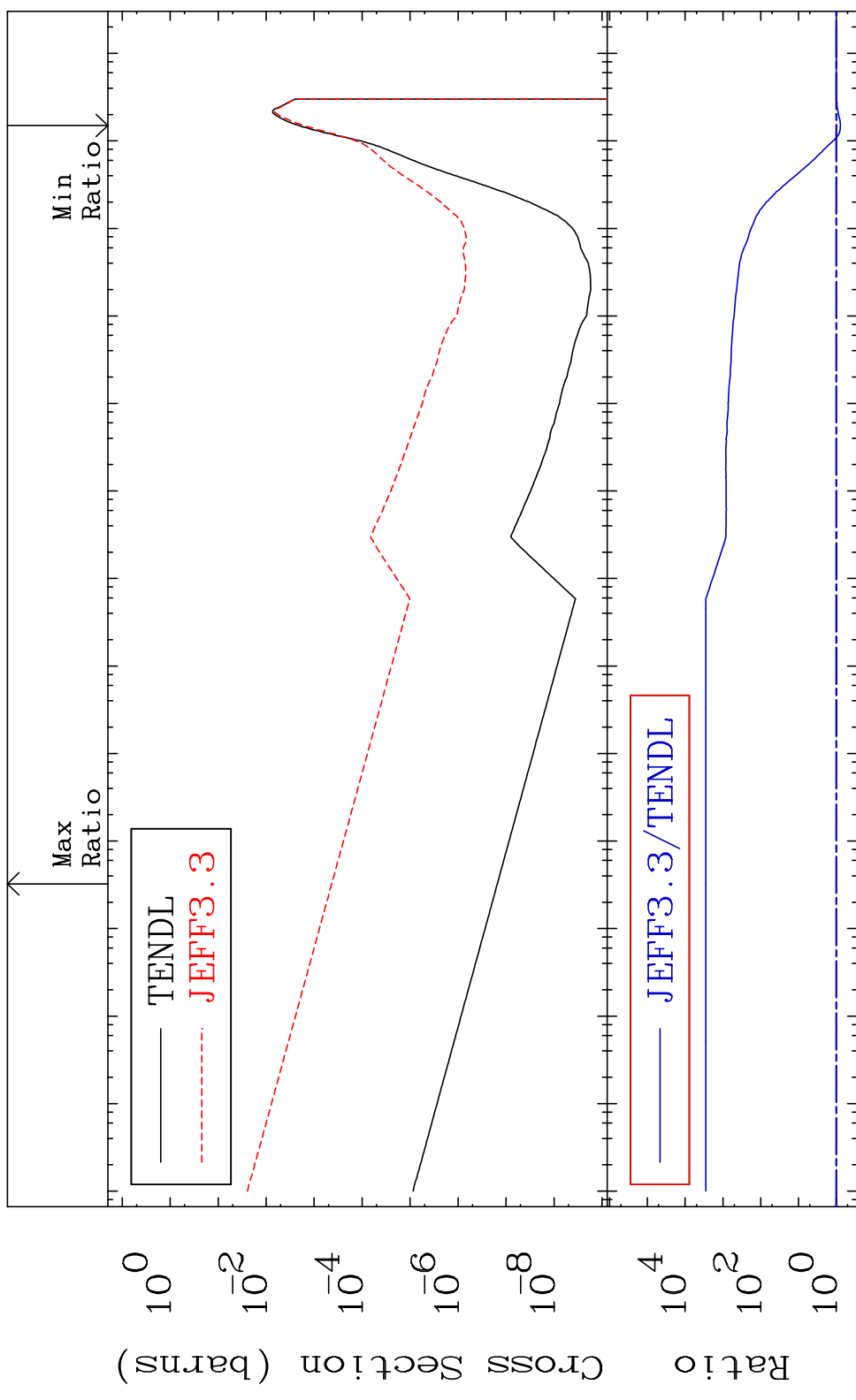


MAT 8322

(n, α)

83-Bi-208

Cross Section -22.31 To 9999. %

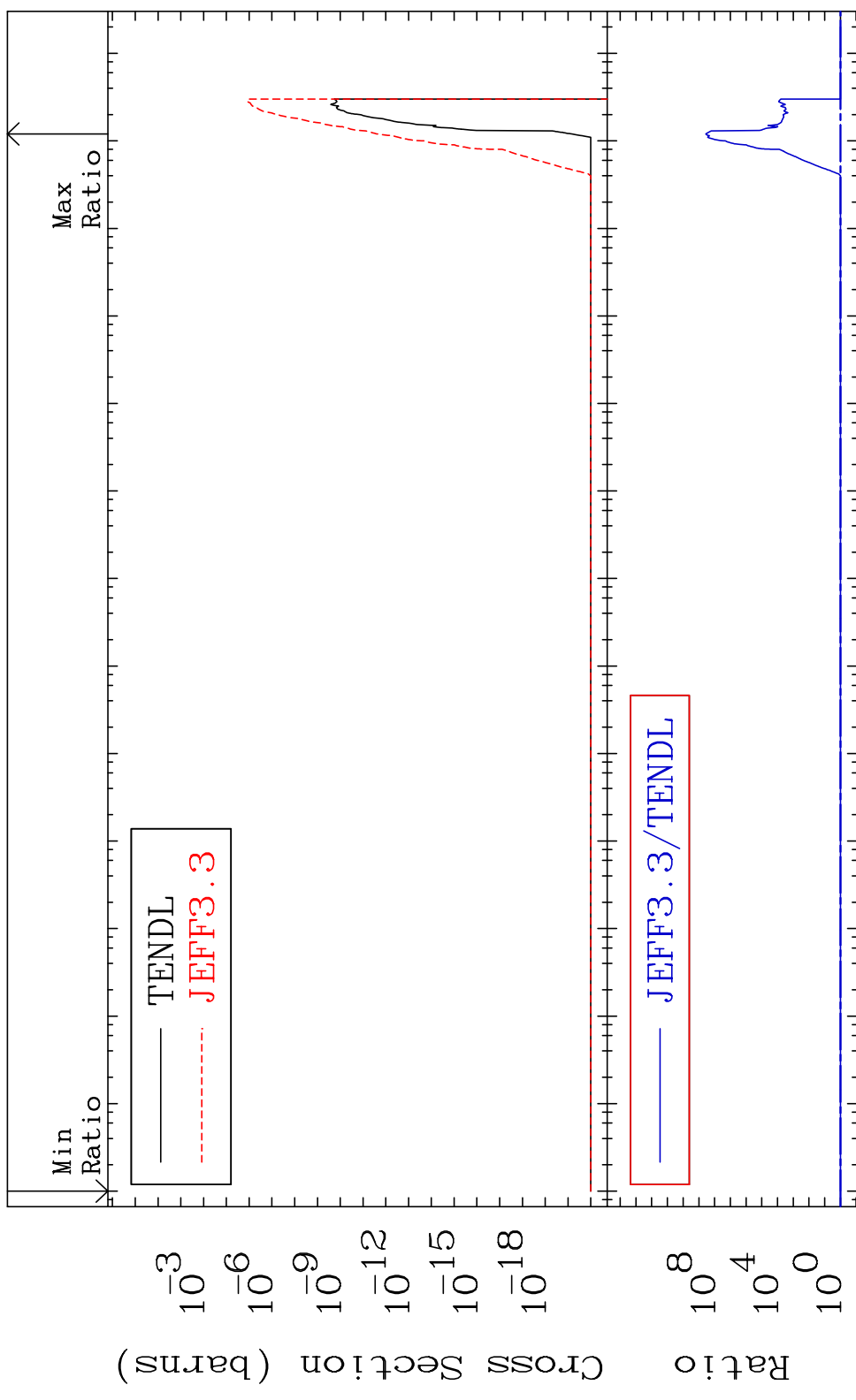


MAT 8322

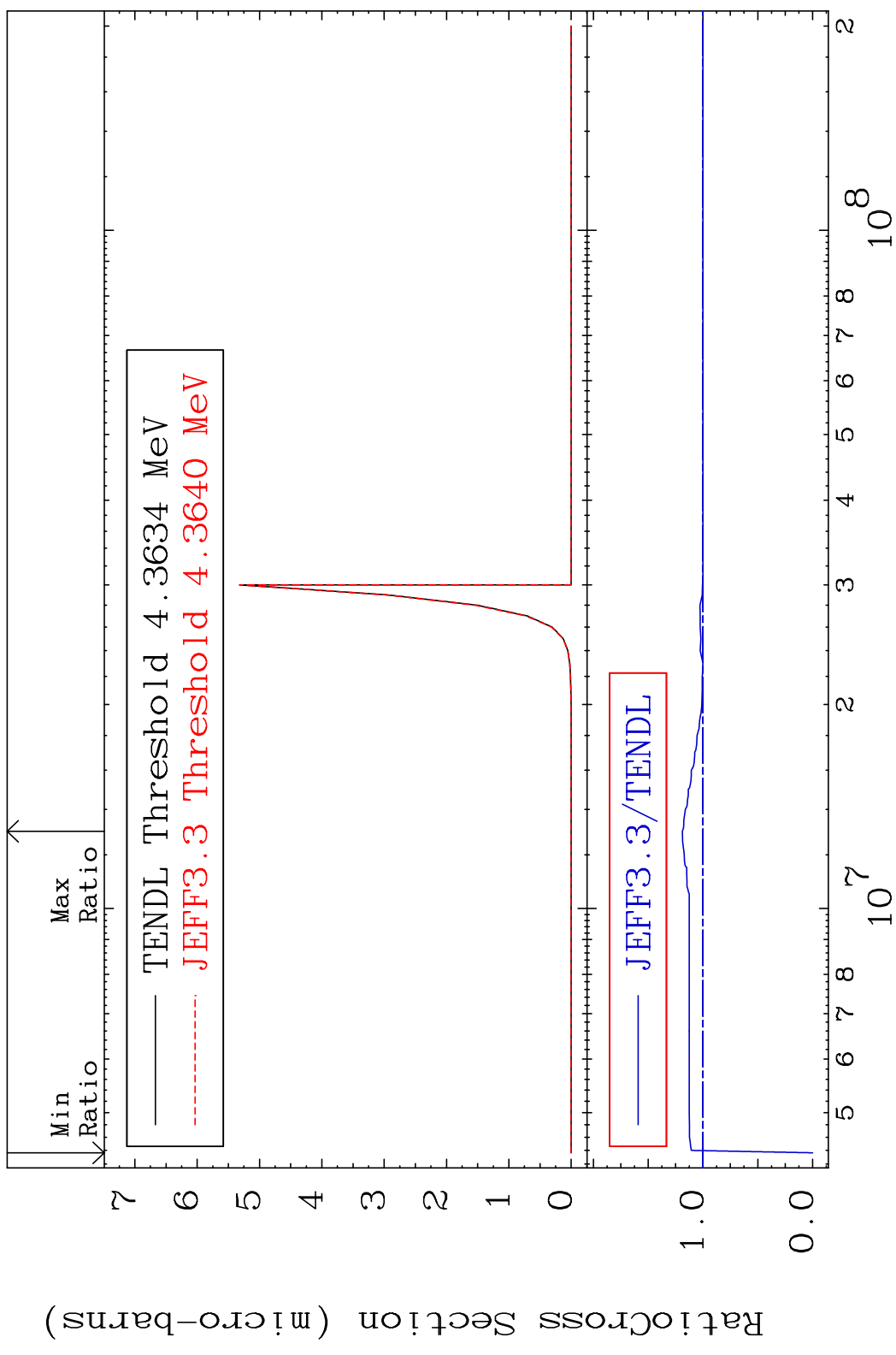
(n, 2α)

83-Bi-208

Cross Section 0.000 To 9999. %



Cross Section -100.0 To 18.81 %

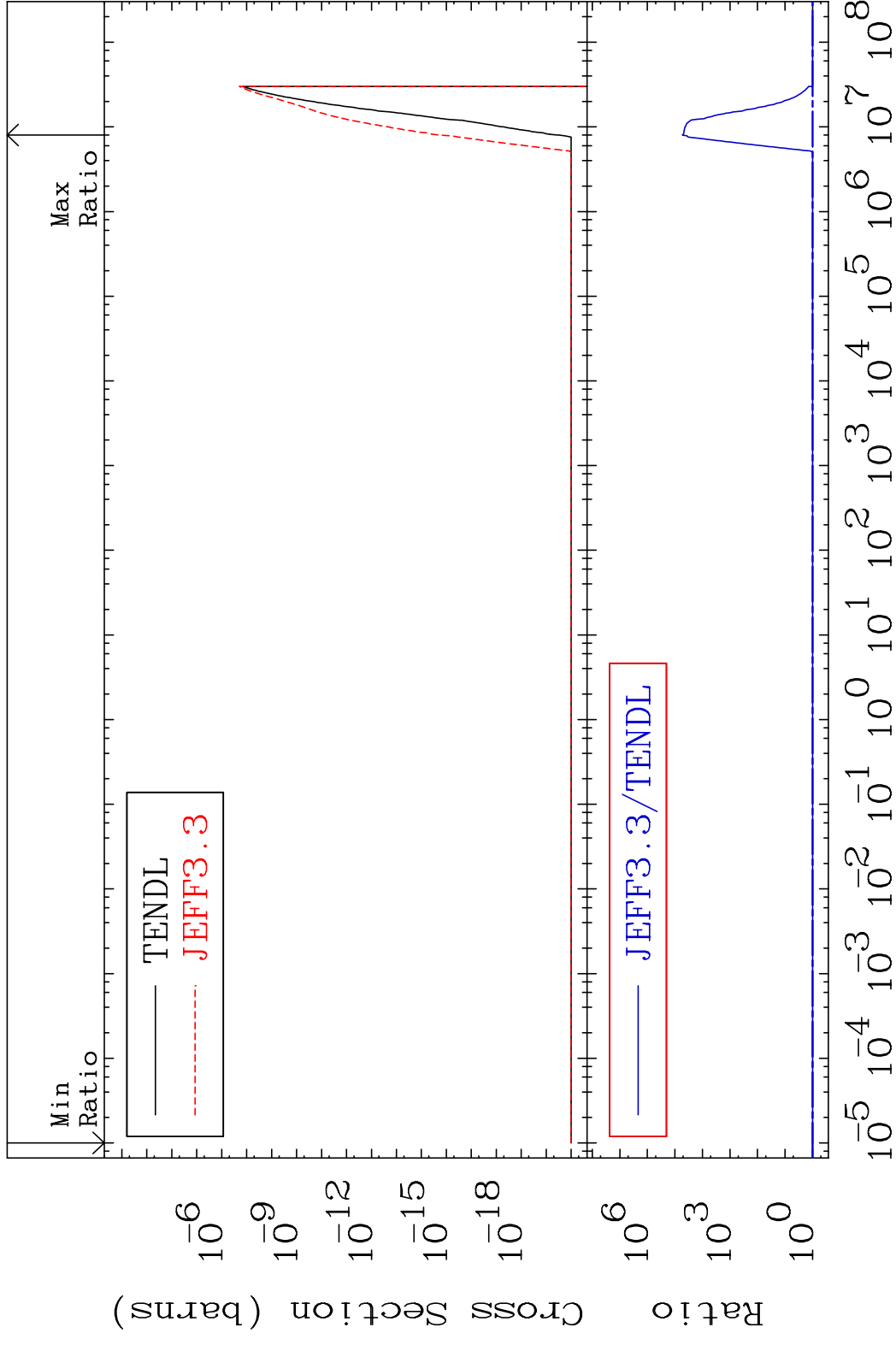


MAT 8322

(n,p) α

83-Bi-208

Cross Section 0.000 To 9999. %

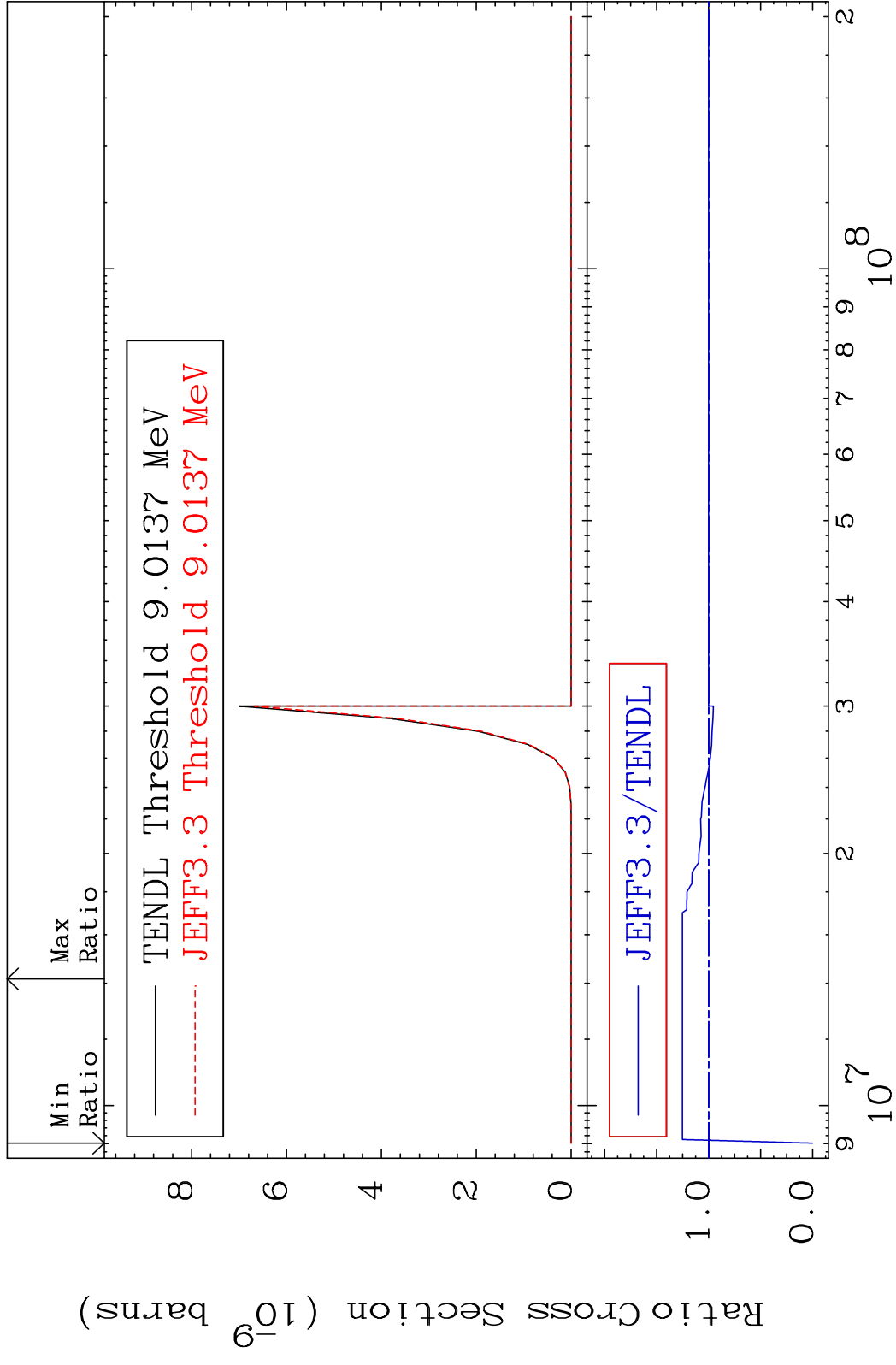


MAT 8322

(n,p) d

83-Bi-208

Cross Section -100.0 To 25.25 %



55

Incident Energy (eV)

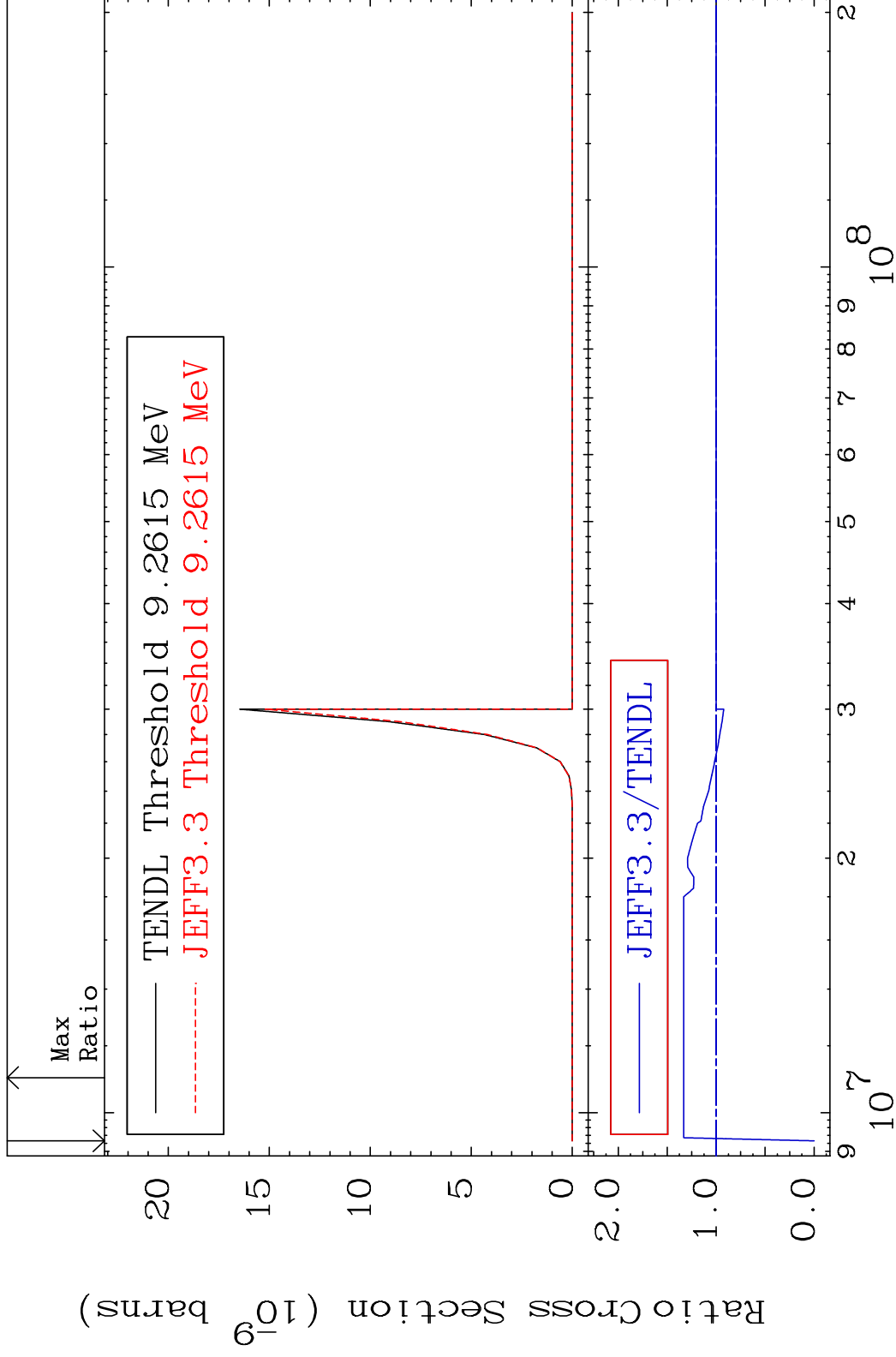
83-Bi-208

MAT 8322

(n,p) t

83-Bi-208

Cross Section -100.0 To 33.21 %



56

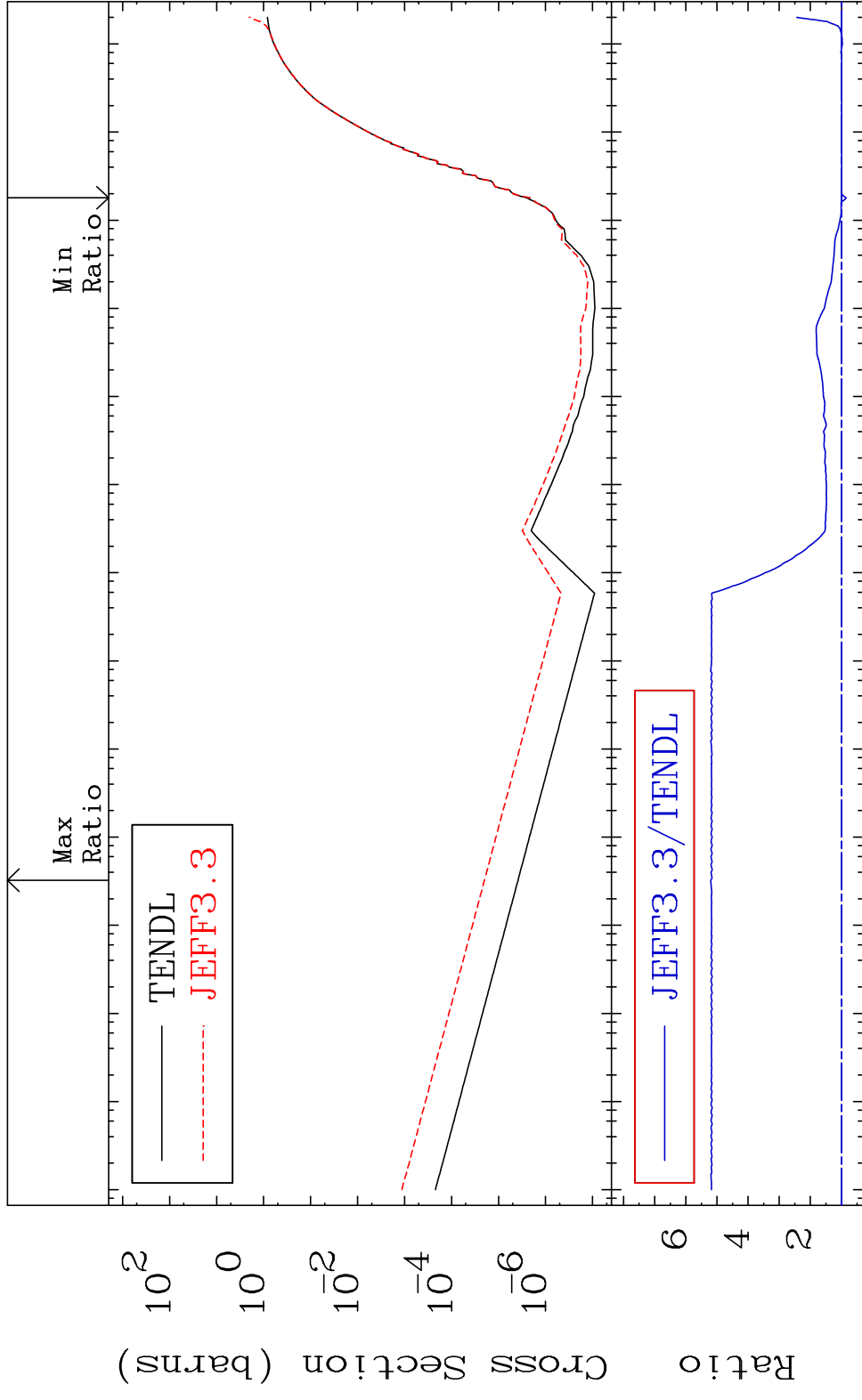
Incident Energy (eV)

83-Bi-208

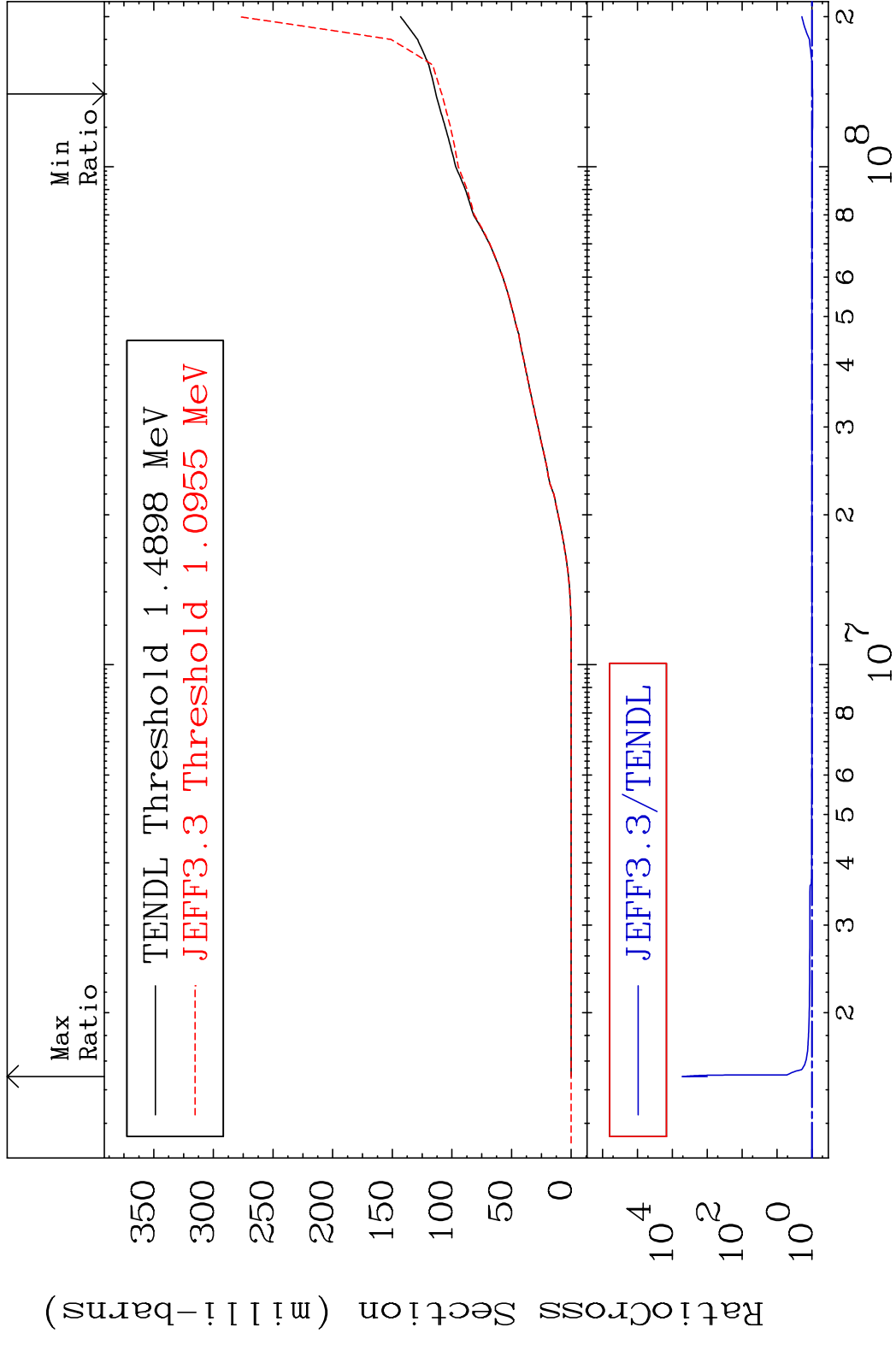
MAT 8322

Hydrogen Production
Cross Section -15.39 To 420.1 %

83-Bi-208



Cross Section -4.417 To 9999. %

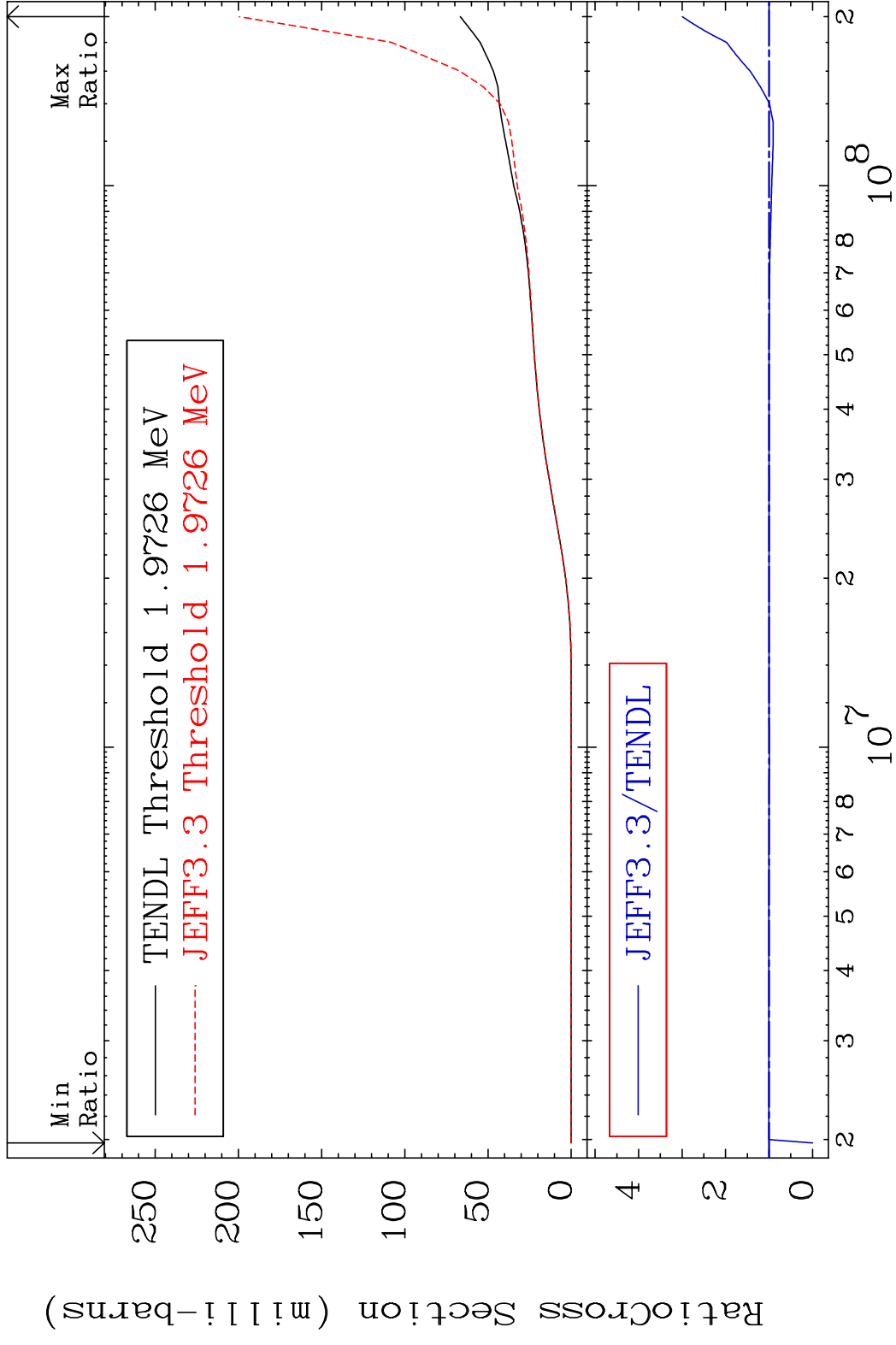


MAT 8322

Tritium Production

83-Bi-208

Cross Section -100.0 To 199.4 %



59

Incident Energy (eV)

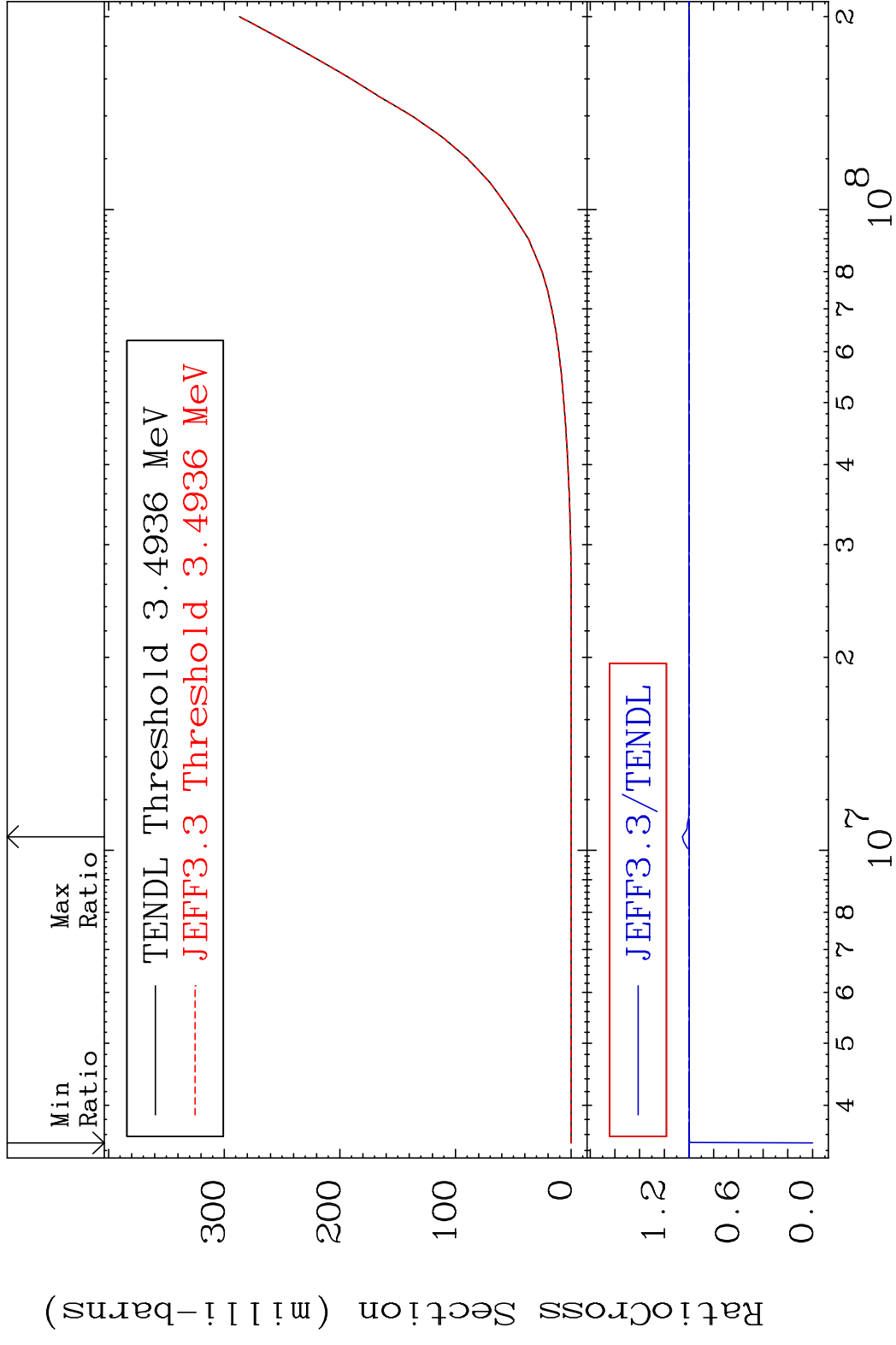
83-Bi-208

MAT 8322

He-3 Production

83-Bi-208

Cross Section -100.0 To 5.376 %



60

Incident Energy (eV)

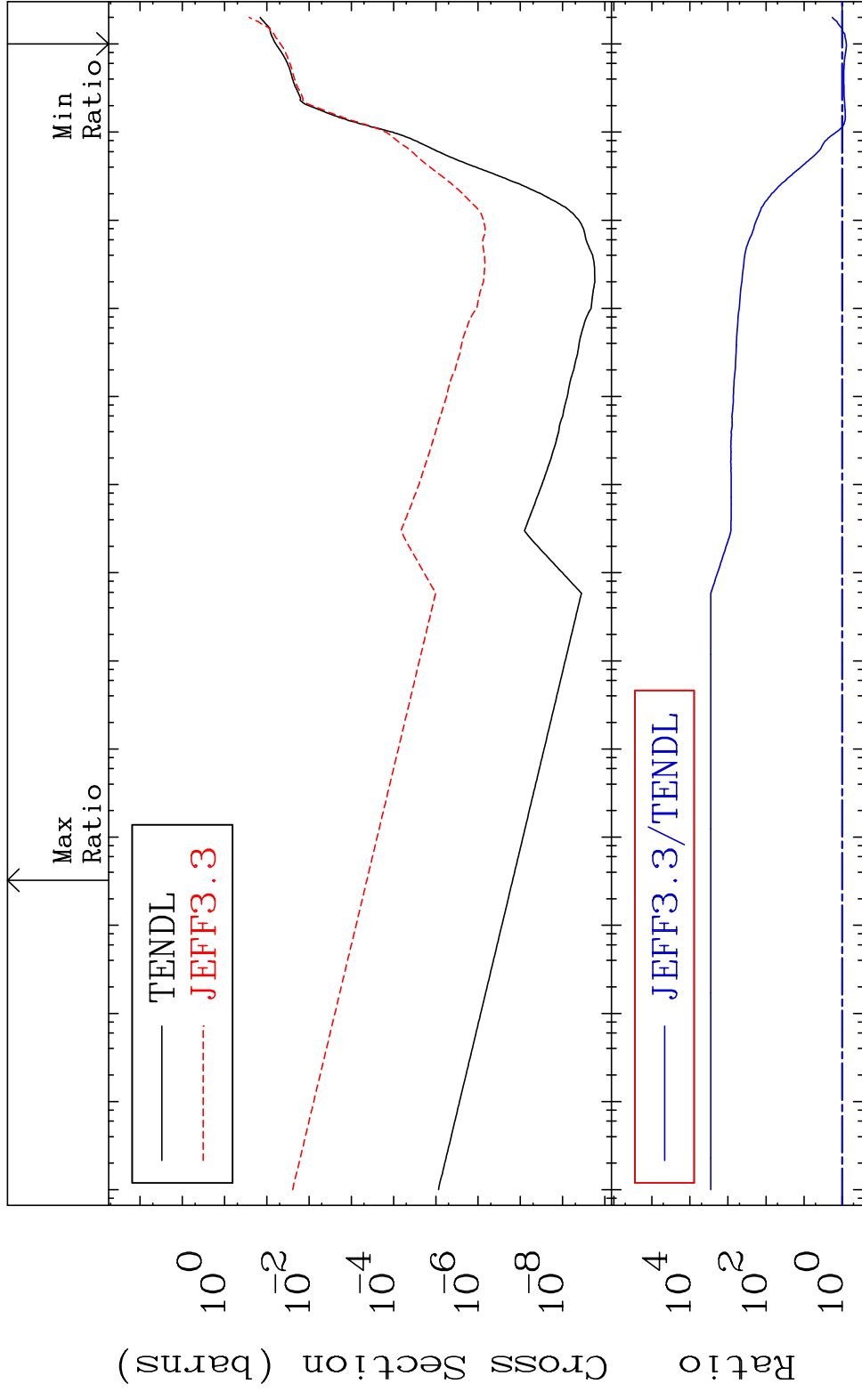
83-Bi-208

MAT 8322

He-4 Production

83-Bi-208

Cross Section -22.78 To 9999. %

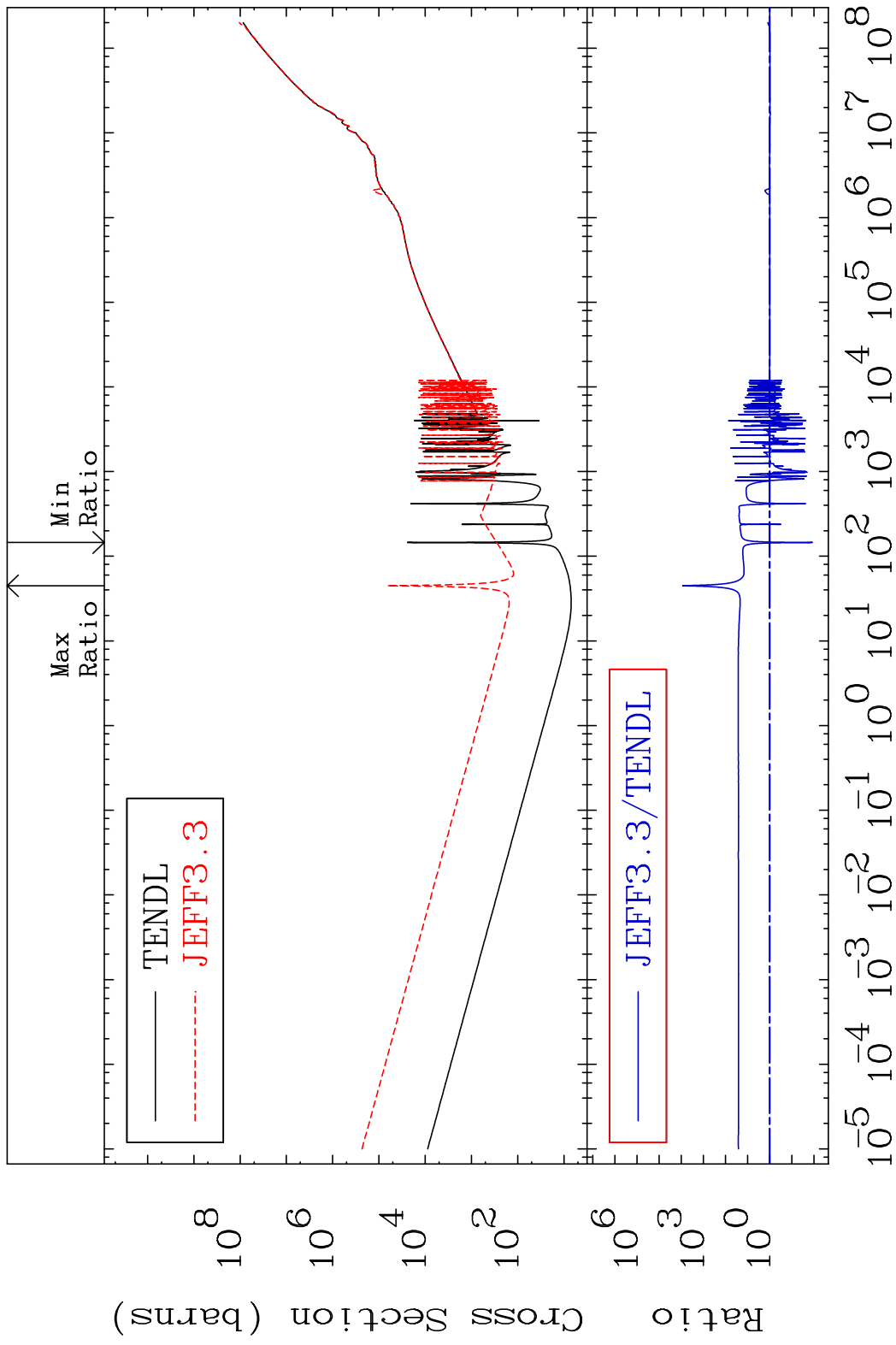


61

Incident Energy (eV)

83-Bi-208

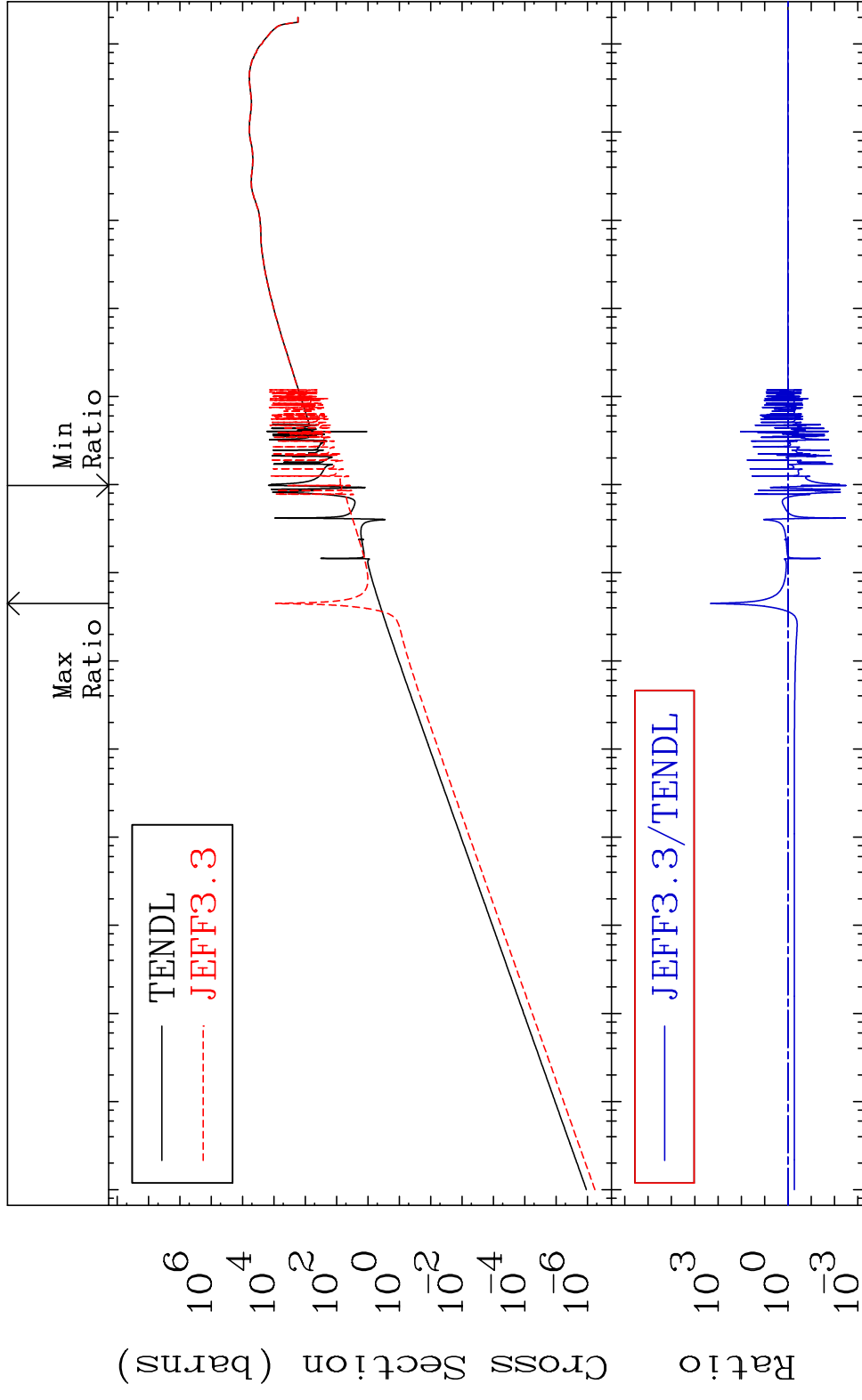
MAT 8322 Kerma total (eV-barns) 83-Bi-208
 Cross Section -98.83 To 9999. %



MAT 8322

Kerma elastic Cross Section -99.69 To 9999. %

83-Bi-208

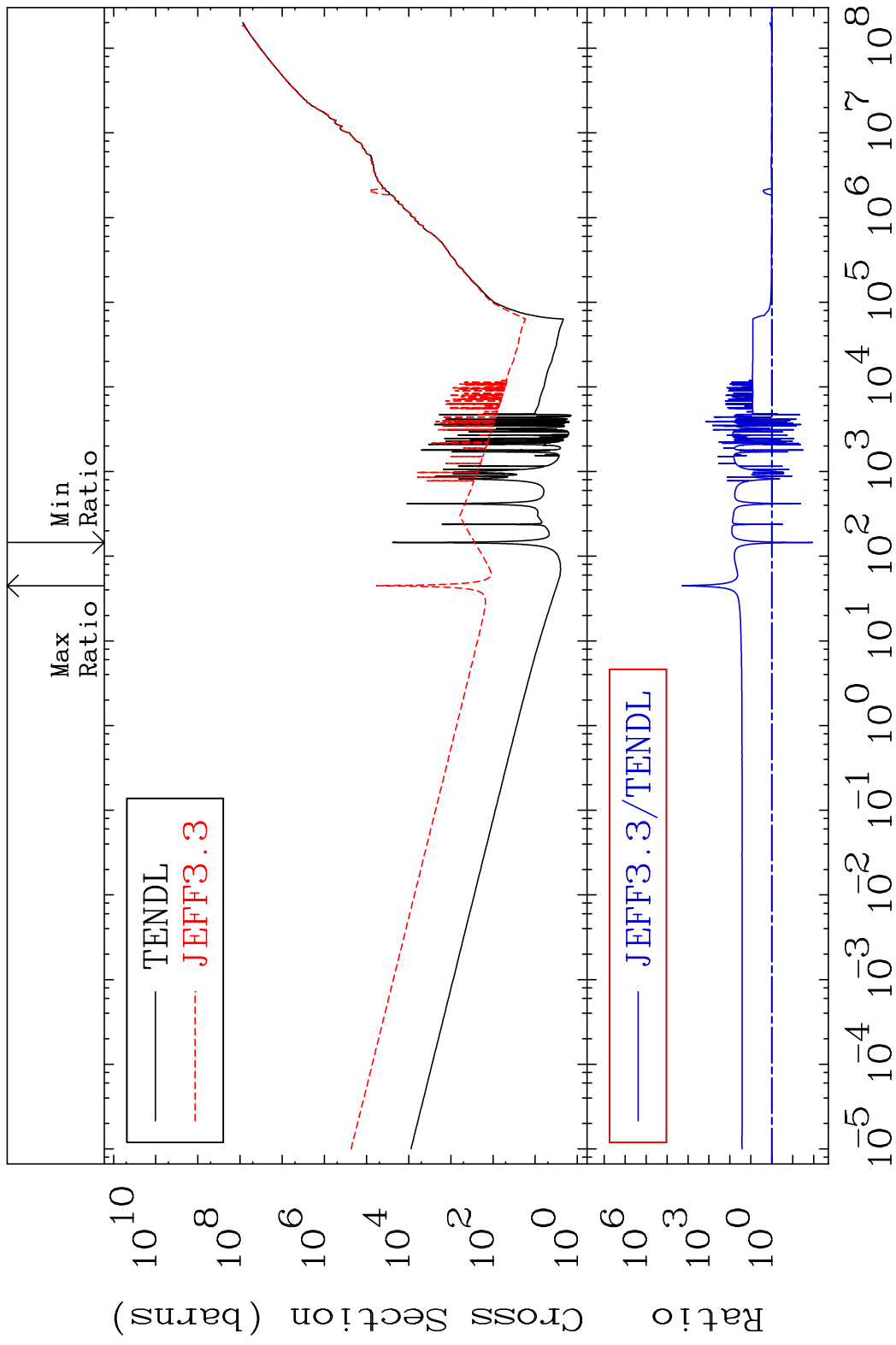


63

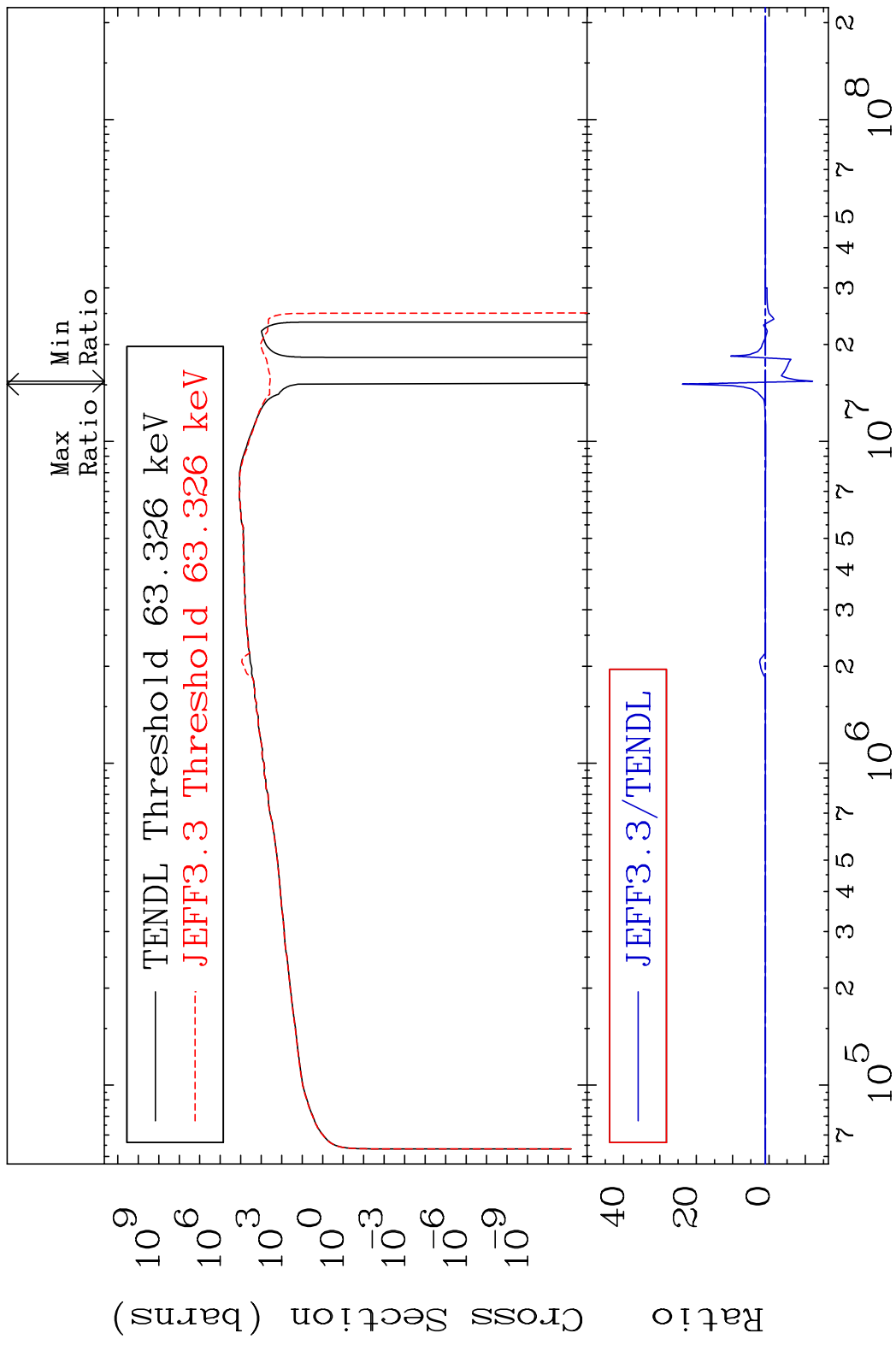
Incident Energy (eV)

83-Bi-208

MAT 8322 Kerma non-elastic (all but mt2) 83-Bi-208
 Cross Section -98.87 To 9999. %

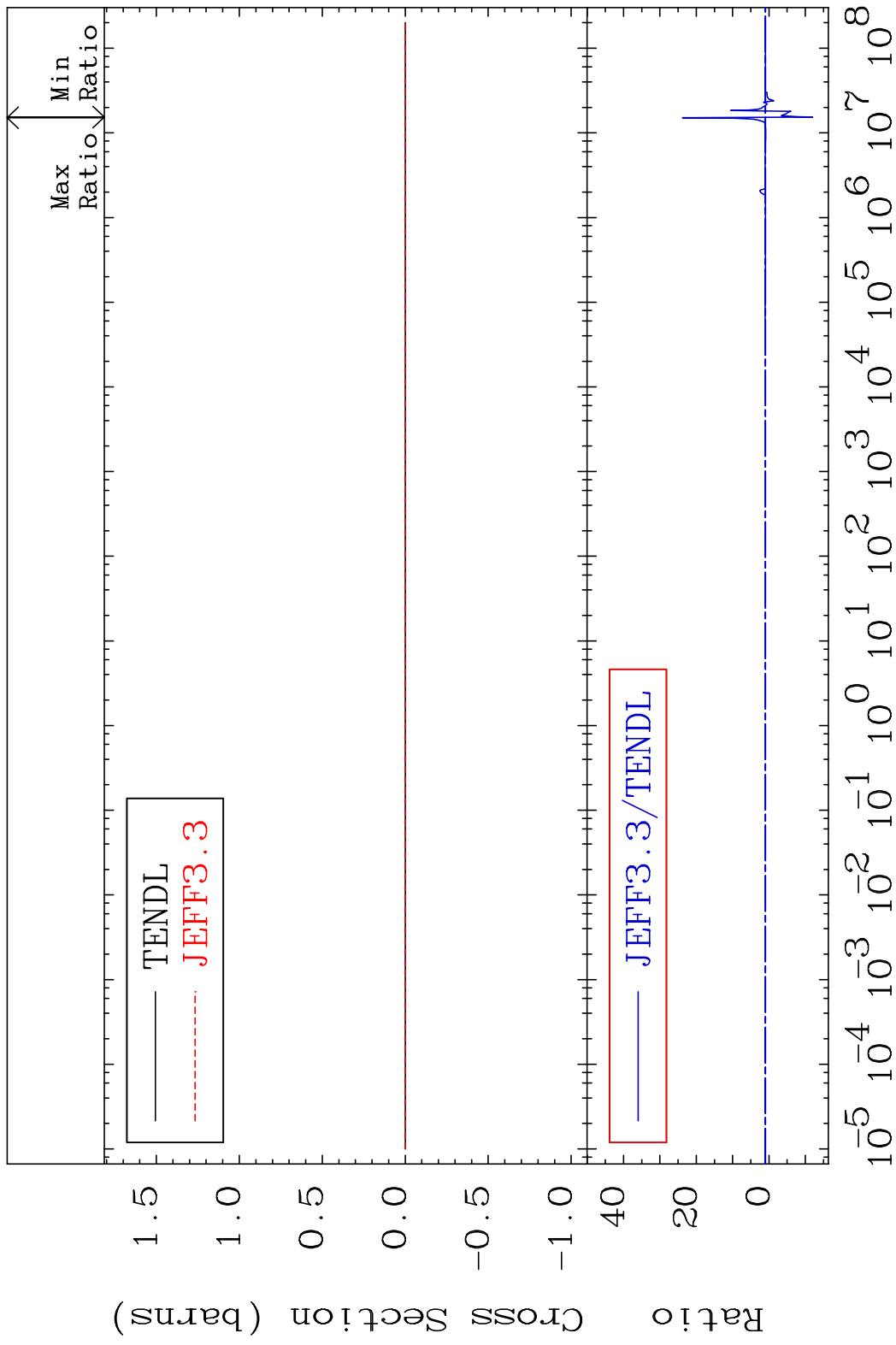


MAT 8322 Kerma inelastic (mt51-91) 83-Bi-208
 Cross Section -1298. To 2283. %



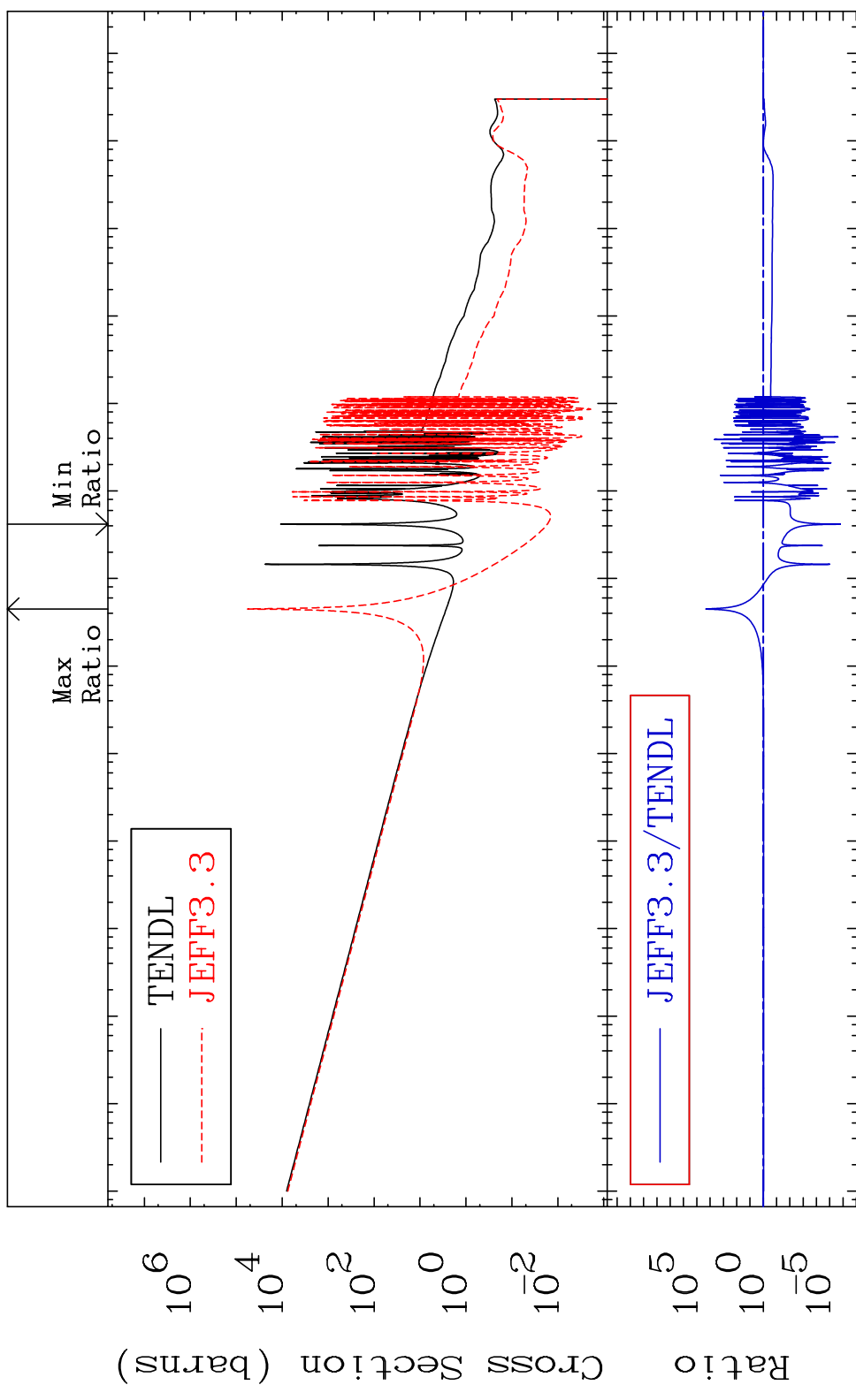
65 Incident Energy (eV) 83-Bi-208

MAT 8322 Kerma fission (mt18 or mt19-20-21-38) β 3-Bi-208
 Cross Section -1298. To 2283. %



MAT 8322

Kerma capture (mt102) 83-Bi-208
Cross Section -100.0 To 9999. %

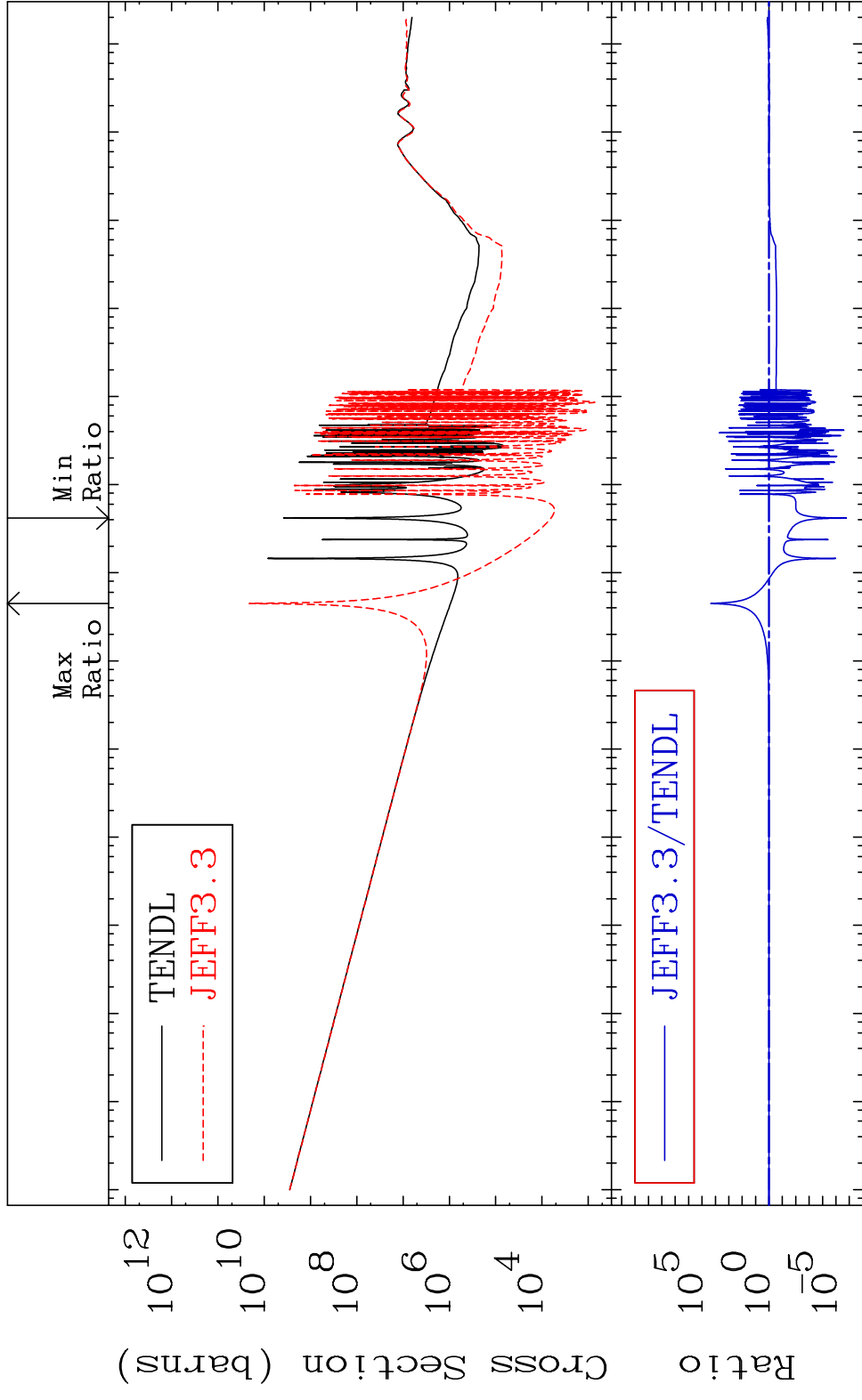


67

Incident Energy (eV) 83-Bi-208

MAT 8322

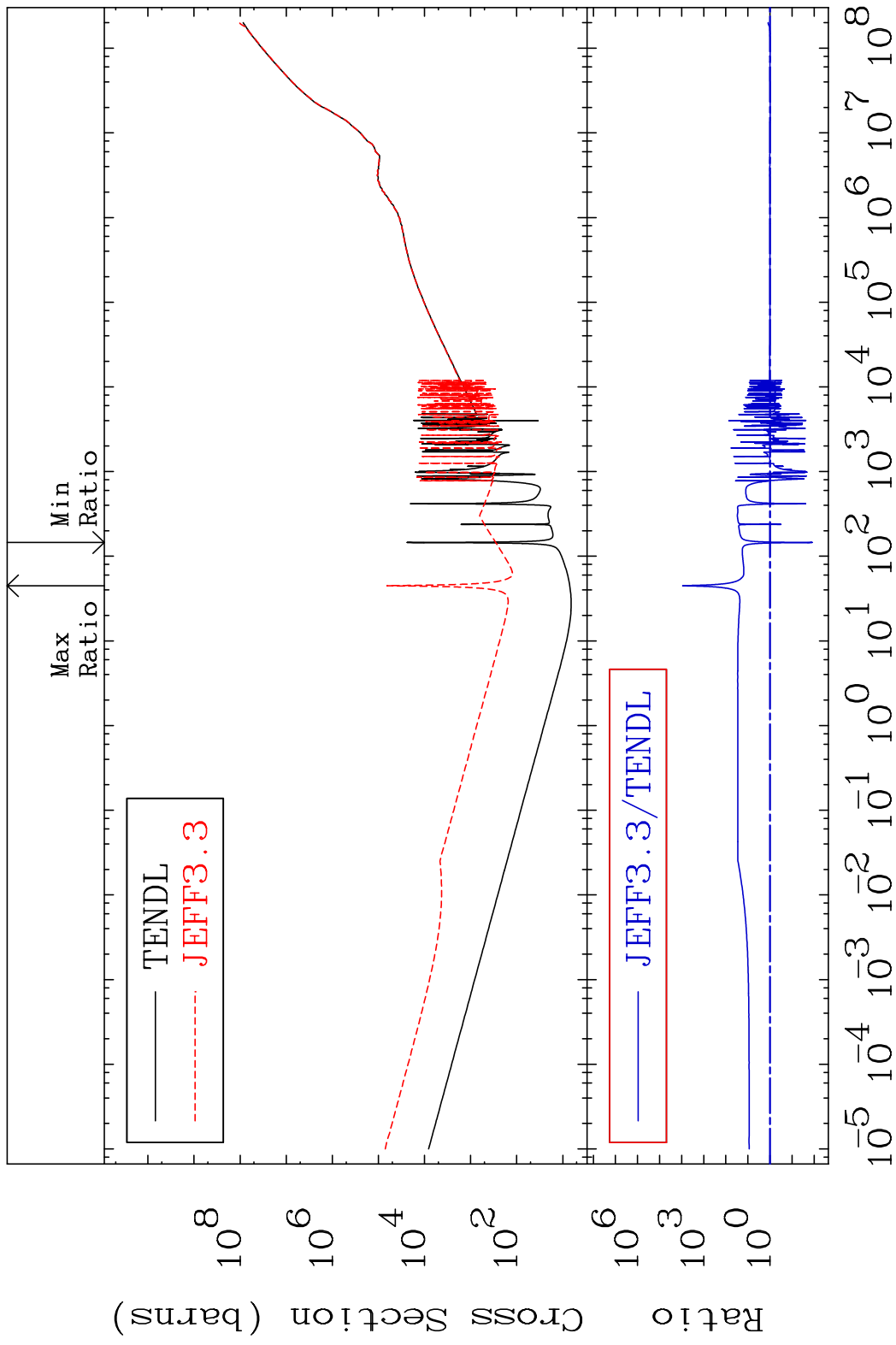
Total photon (eV-barns) 83-Bi-208
Cross Section -100.0 To 9999. %



68

Incident Energy (eV) 83-Bi-208

MAT 8322 Total kinematic kerma (high limit) 83-Bi-208
 Cross Section -98.82 To 9999. %

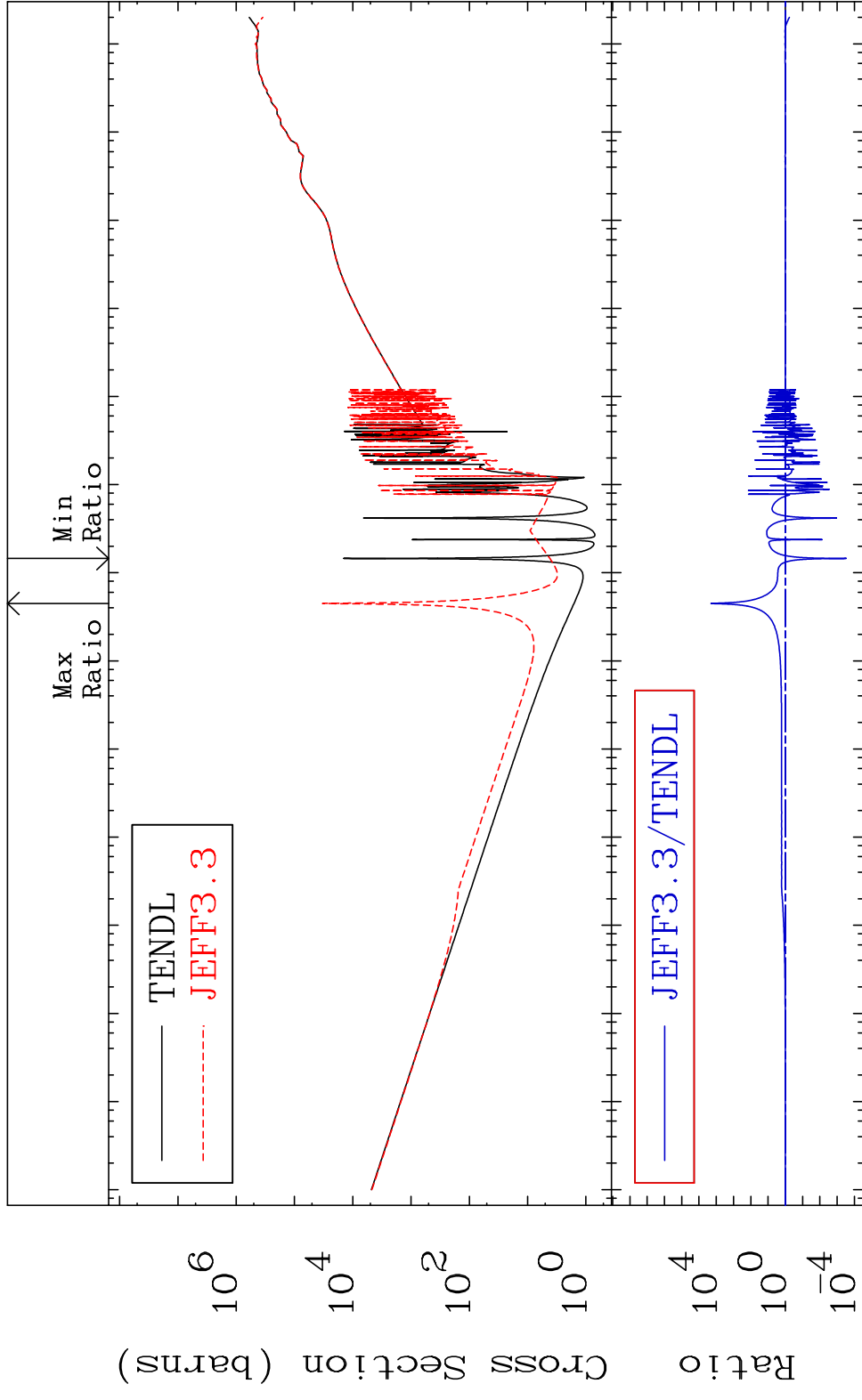


MAT 8322

Dpa total (eV-barns)

83-Bi-208

Cross Section -99.97 To 9999. %



70

Incident Energy (eV)

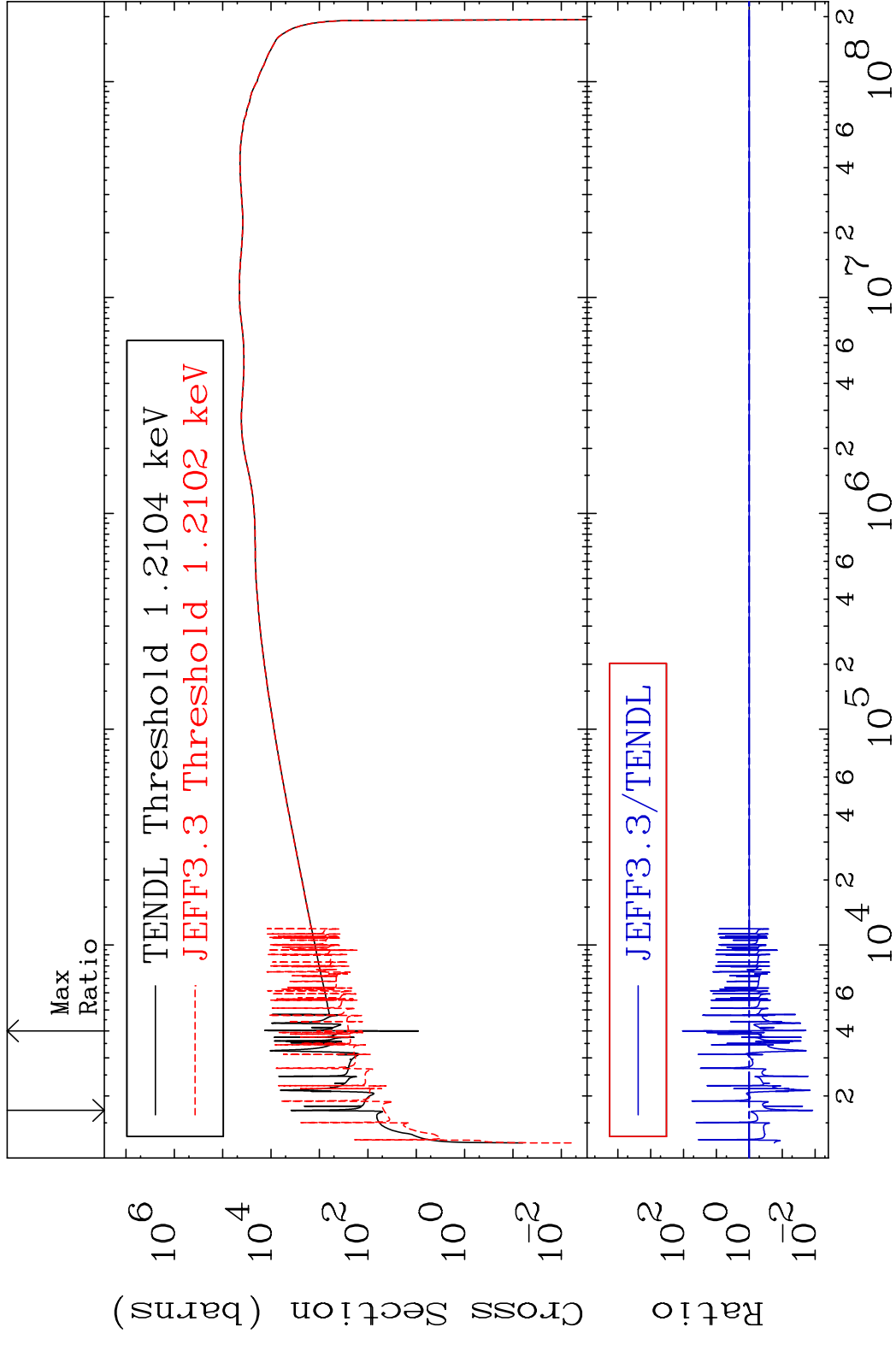
83-Bi-208

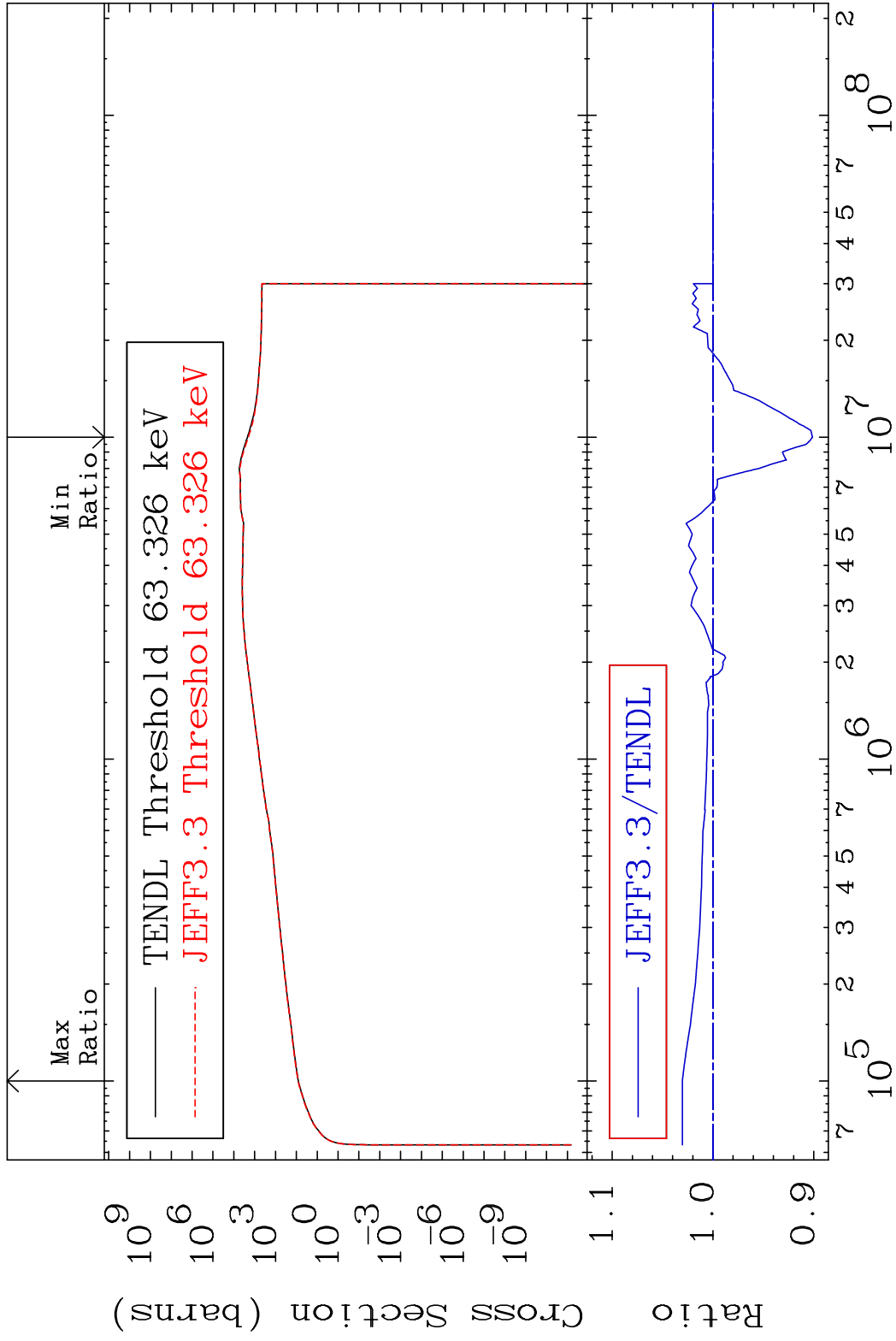
MAT 8322

Dpa elastic (mt2)

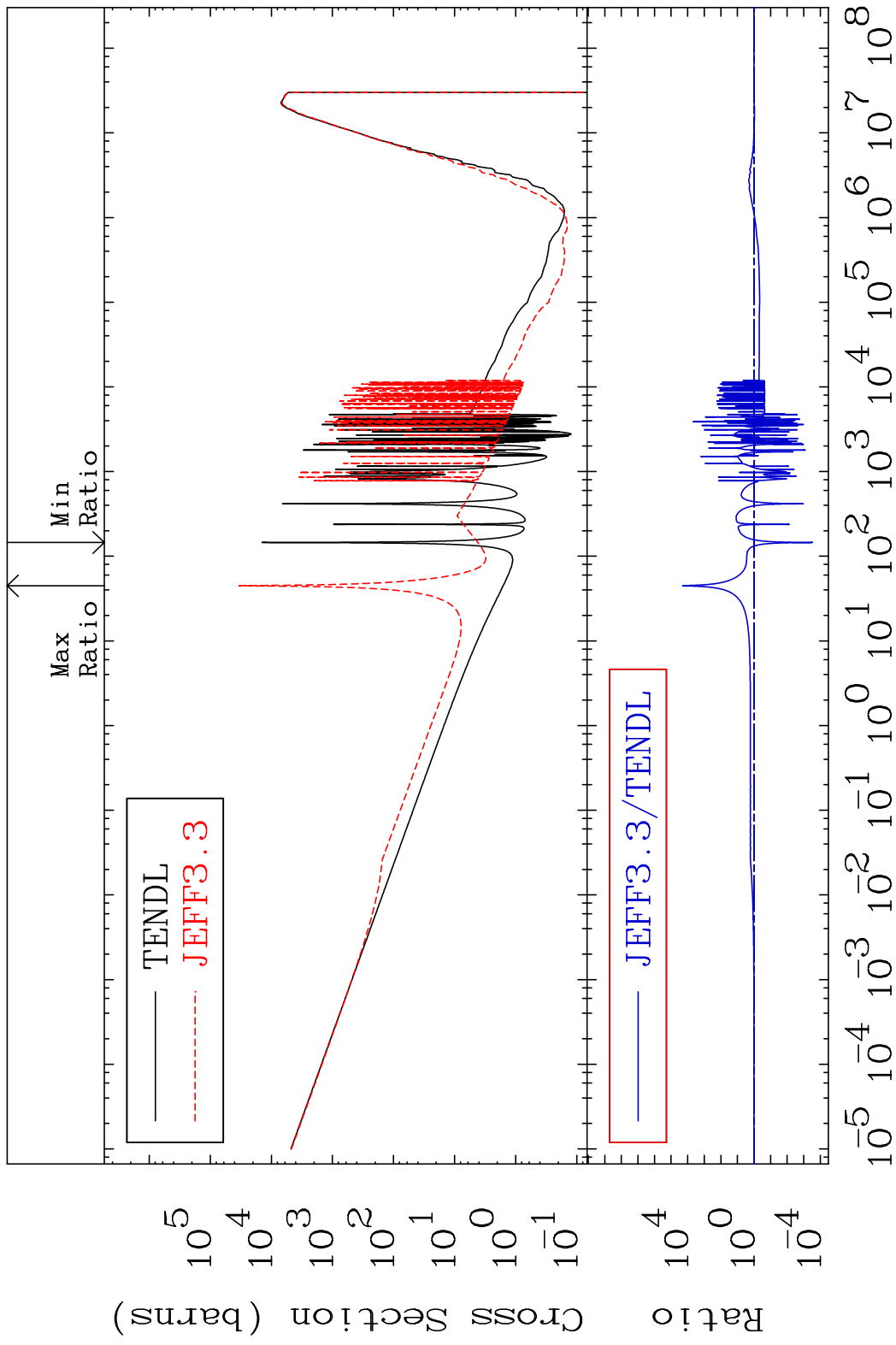
83-Bi-208

Cross Section -98.81 To 9999. %

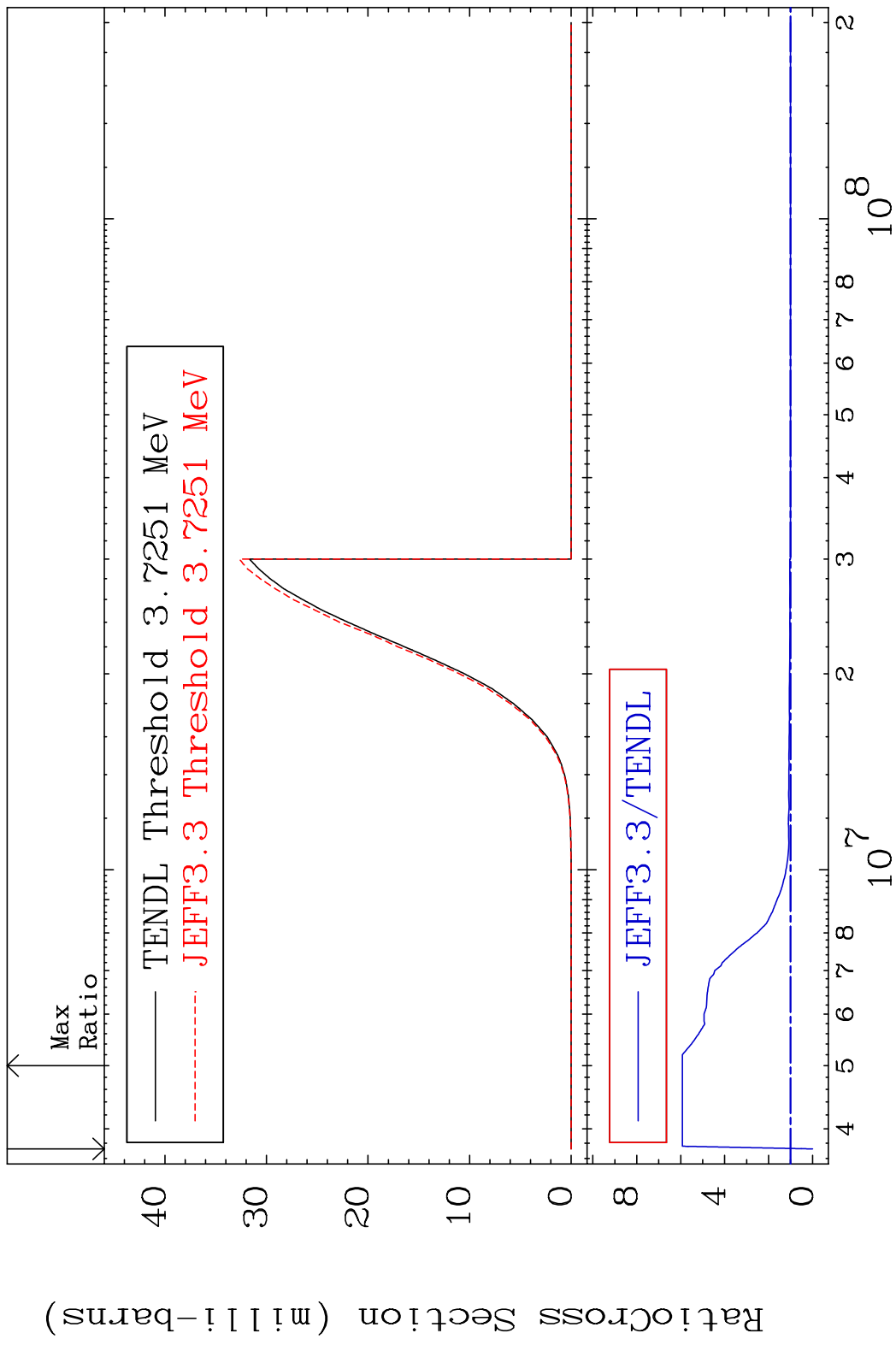


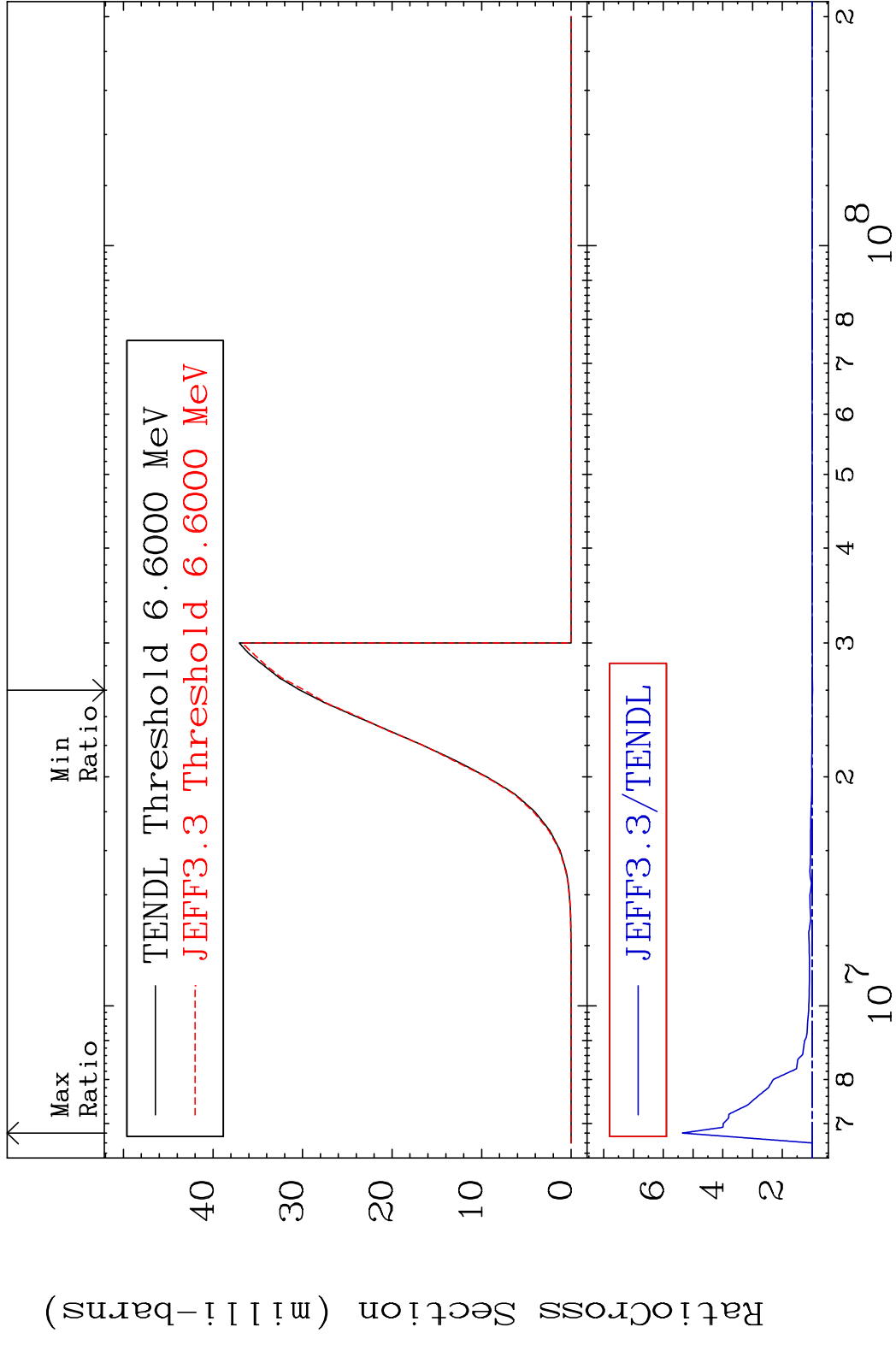


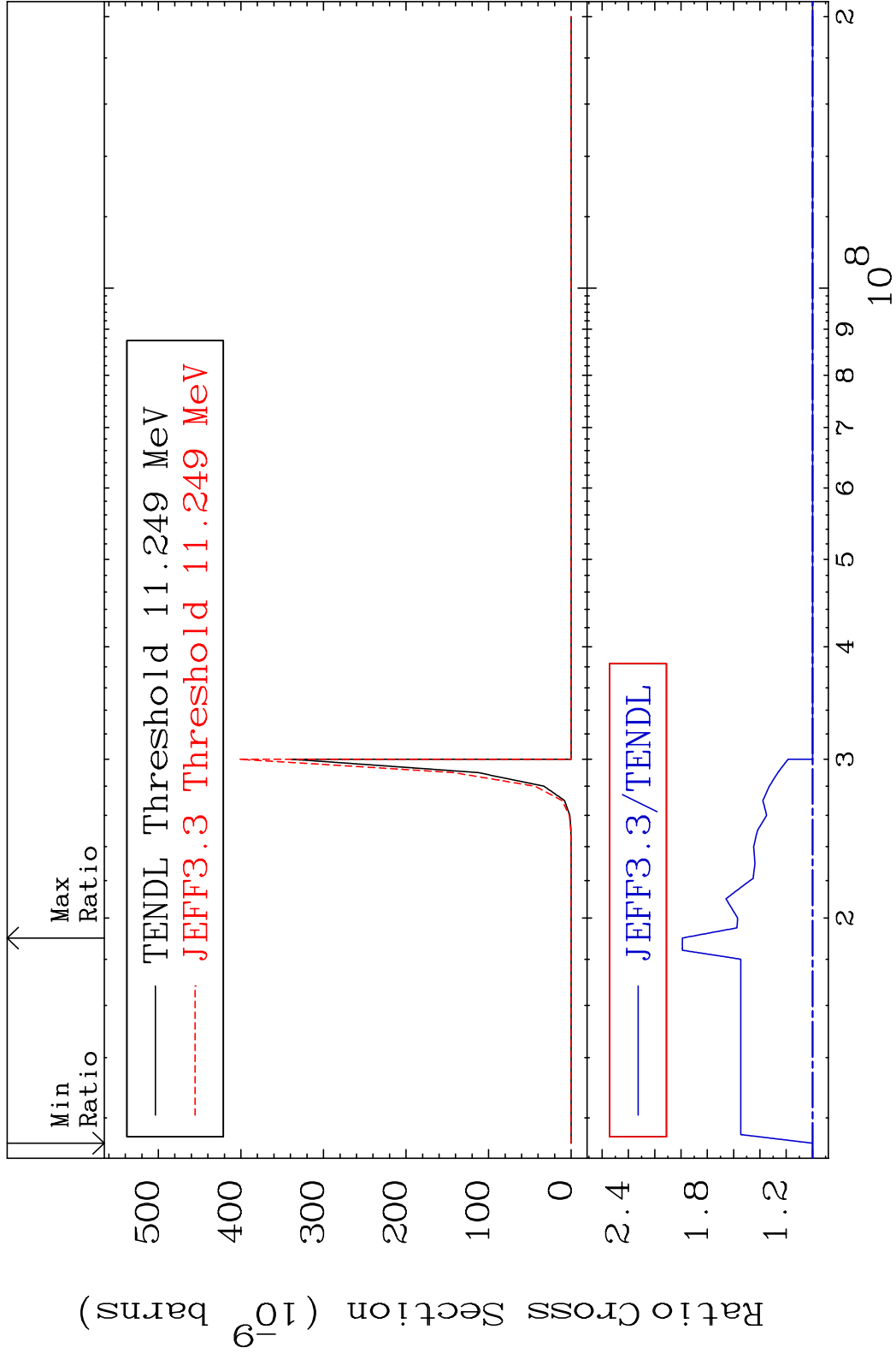
MAT 8322 Dpa disappearance (mt102 -120) 83-Bi-208
 Cross Section -99.97 To 9999. %



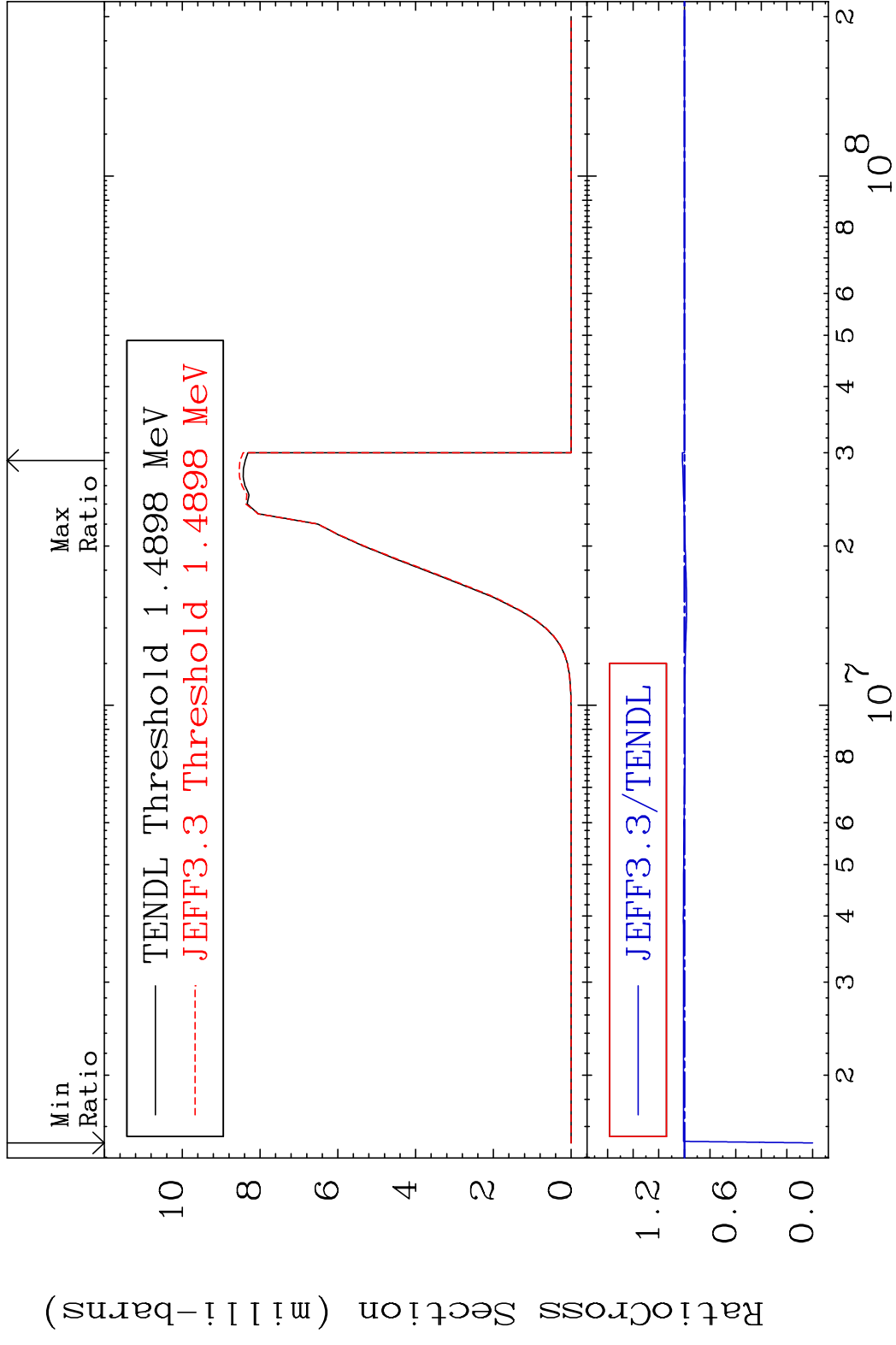
73 83-Bi-208

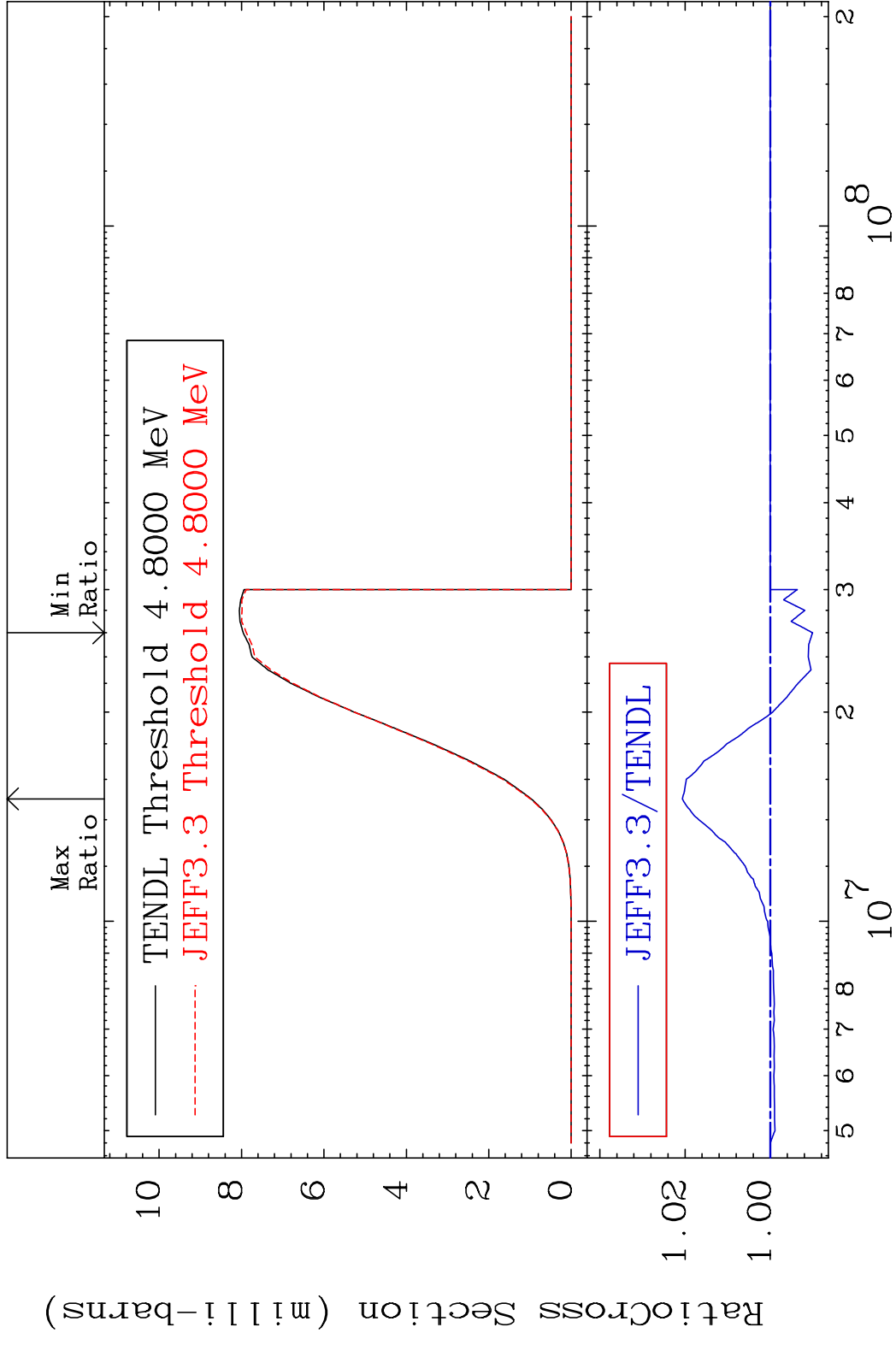


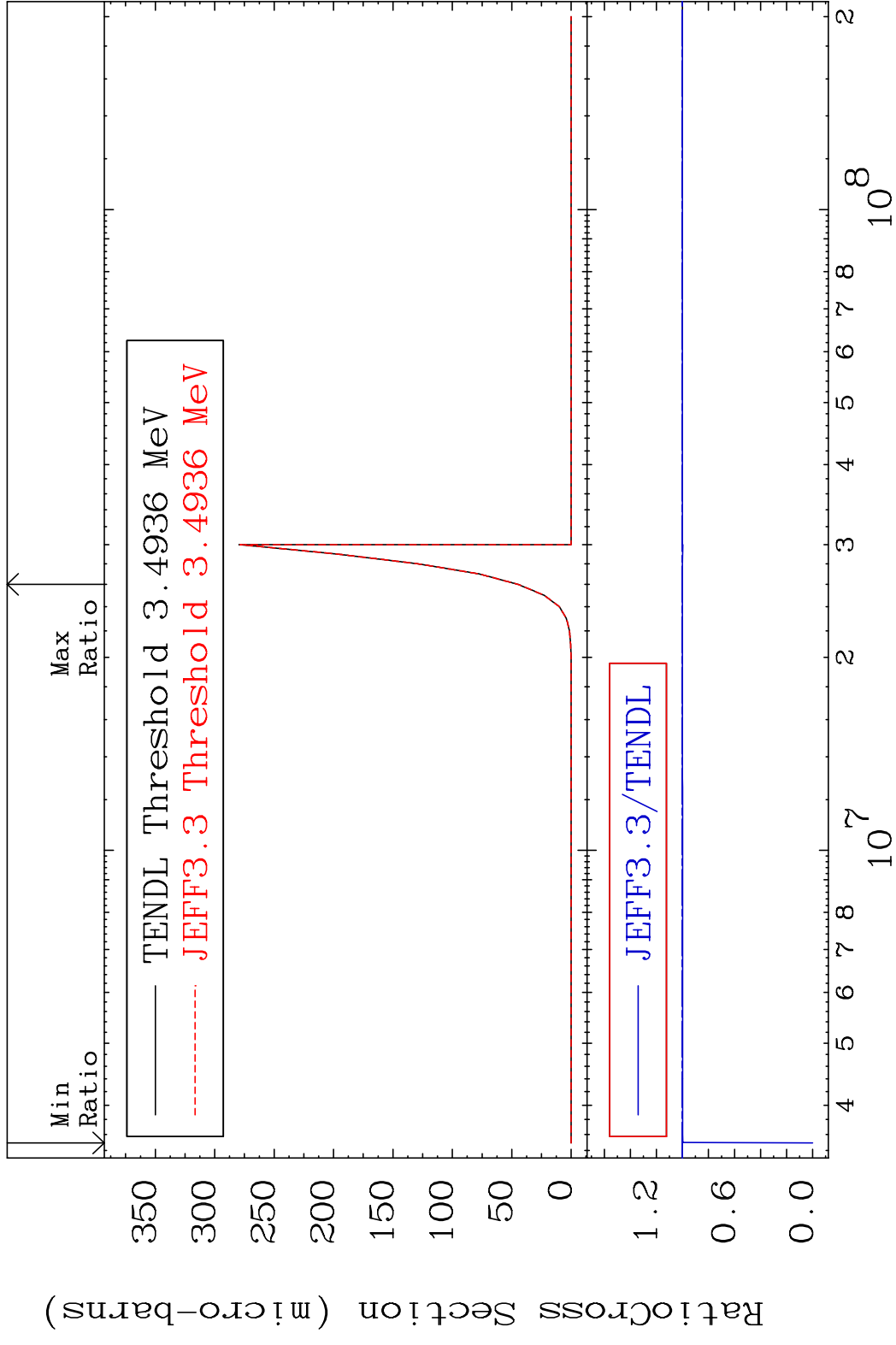


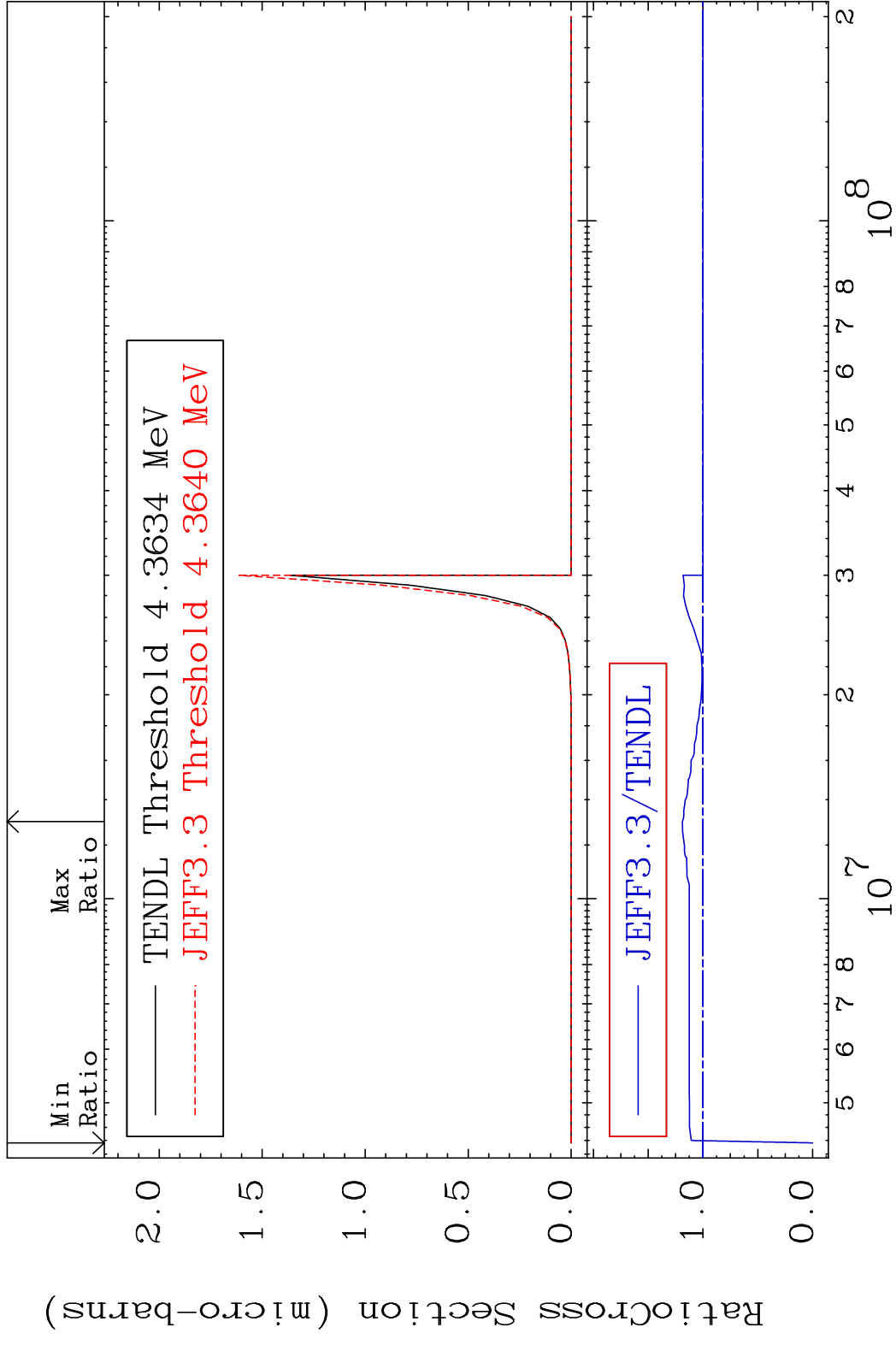


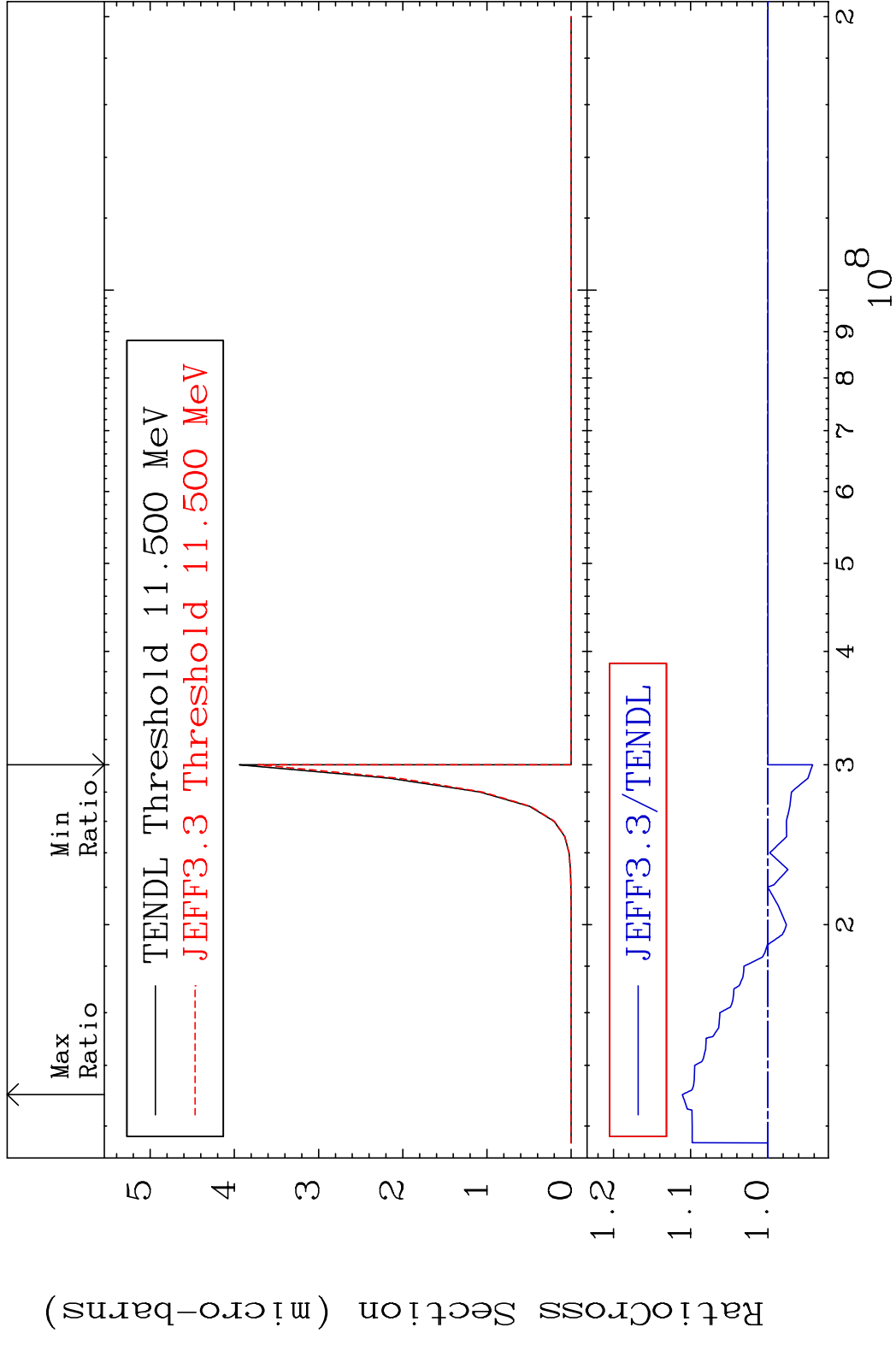
MAT 8322 (n,d):82-Pb-207g 83-Bi-208
 Radionuclide Production Cross Section 1.600 %











MAT 8322 (n,p) d:81-T1-206g 83-Bi-208
 Radionuclide Production Cross Section 180.01 dth 25.25 %

