

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

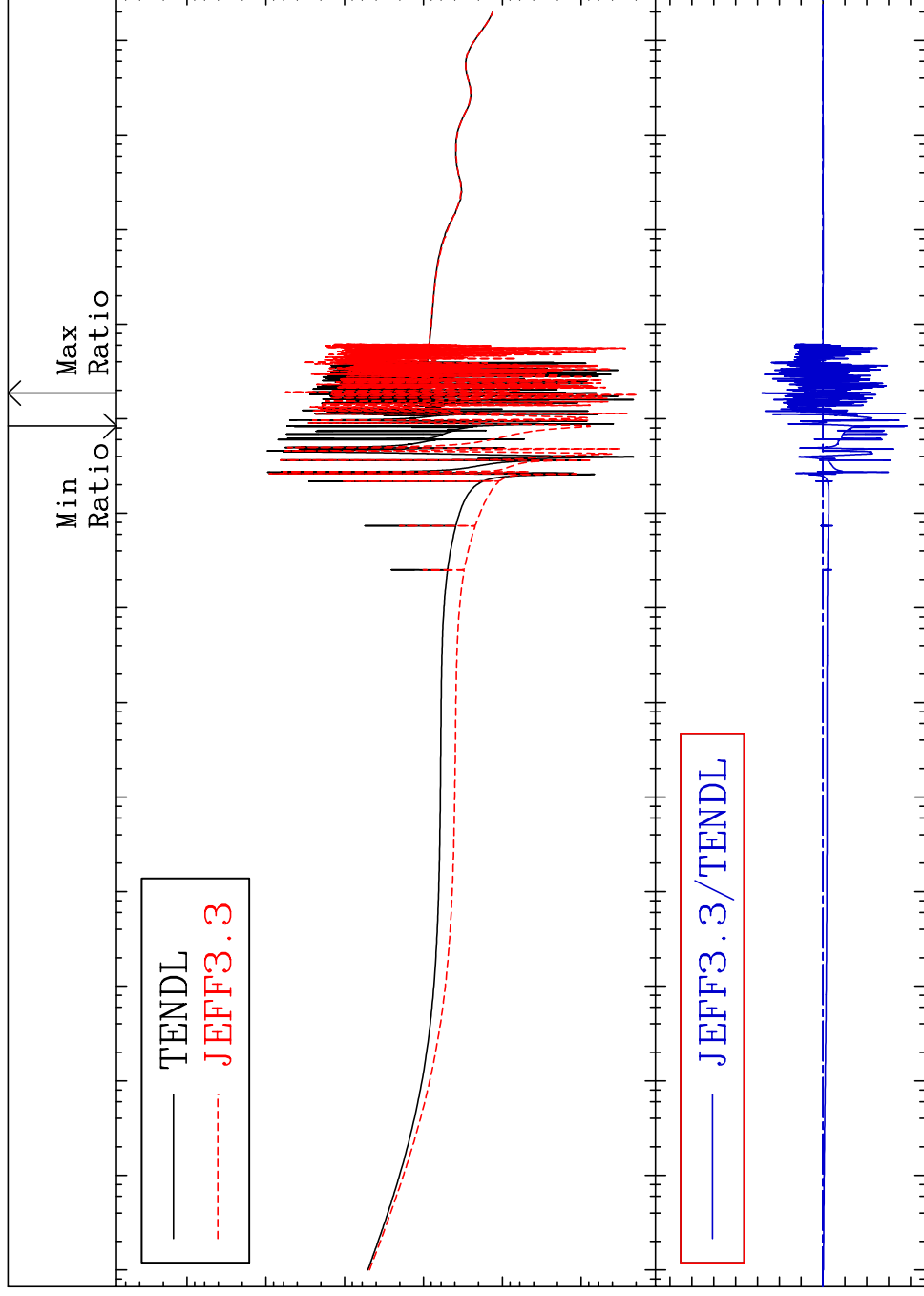
MAT 3231

Total

32-Ge-72

Cross Section

-99.99 To 9999. %



10^4
 10^3
 10^2
 10^1
 10^0
 10^{-1}
Cross Section (barns)

10^3
 10^0
 10^{-3}
Ratio

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
Incident Energy (eV)

1

Incident Energy (eV)

32-Ge-72

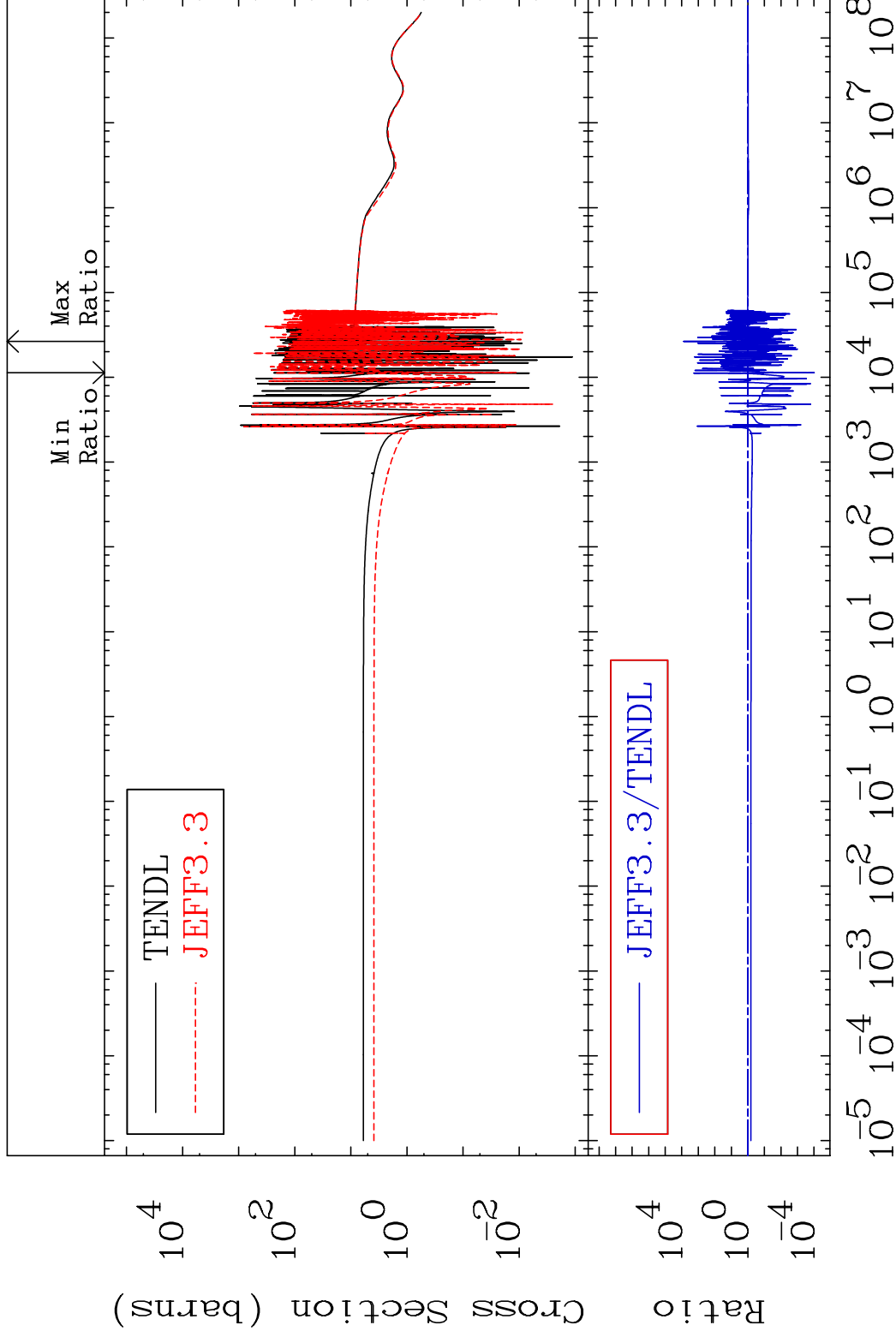
MAT 3231

Elastic

32-Ge-72

Cross Section

-99.99 To 9999. %

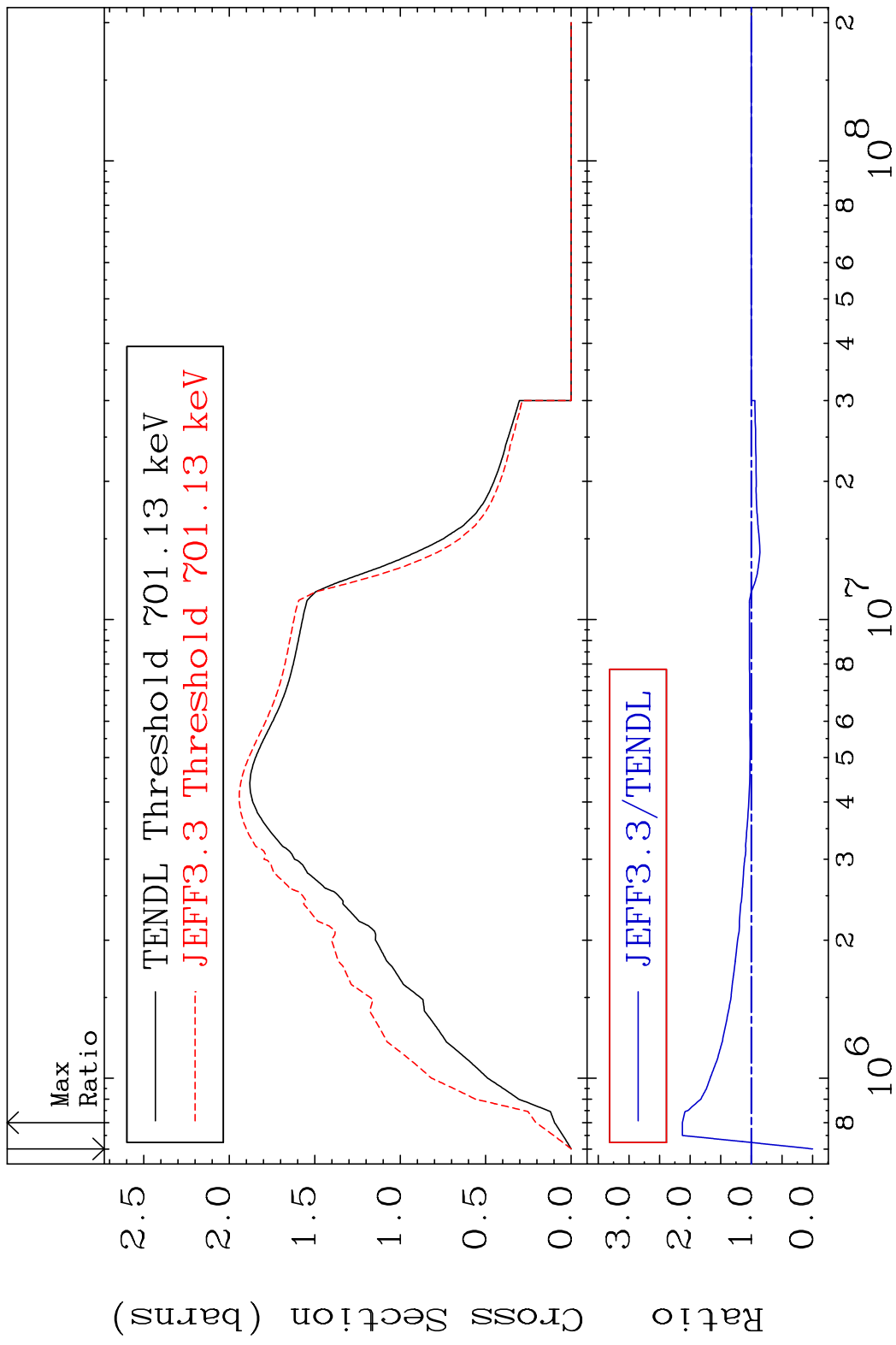


2

Incident Energy (eV)

32-Ge-72

MAT 3231 Inelastic 32-Ge-72
 Cross Section -100.0 To 112.7 %



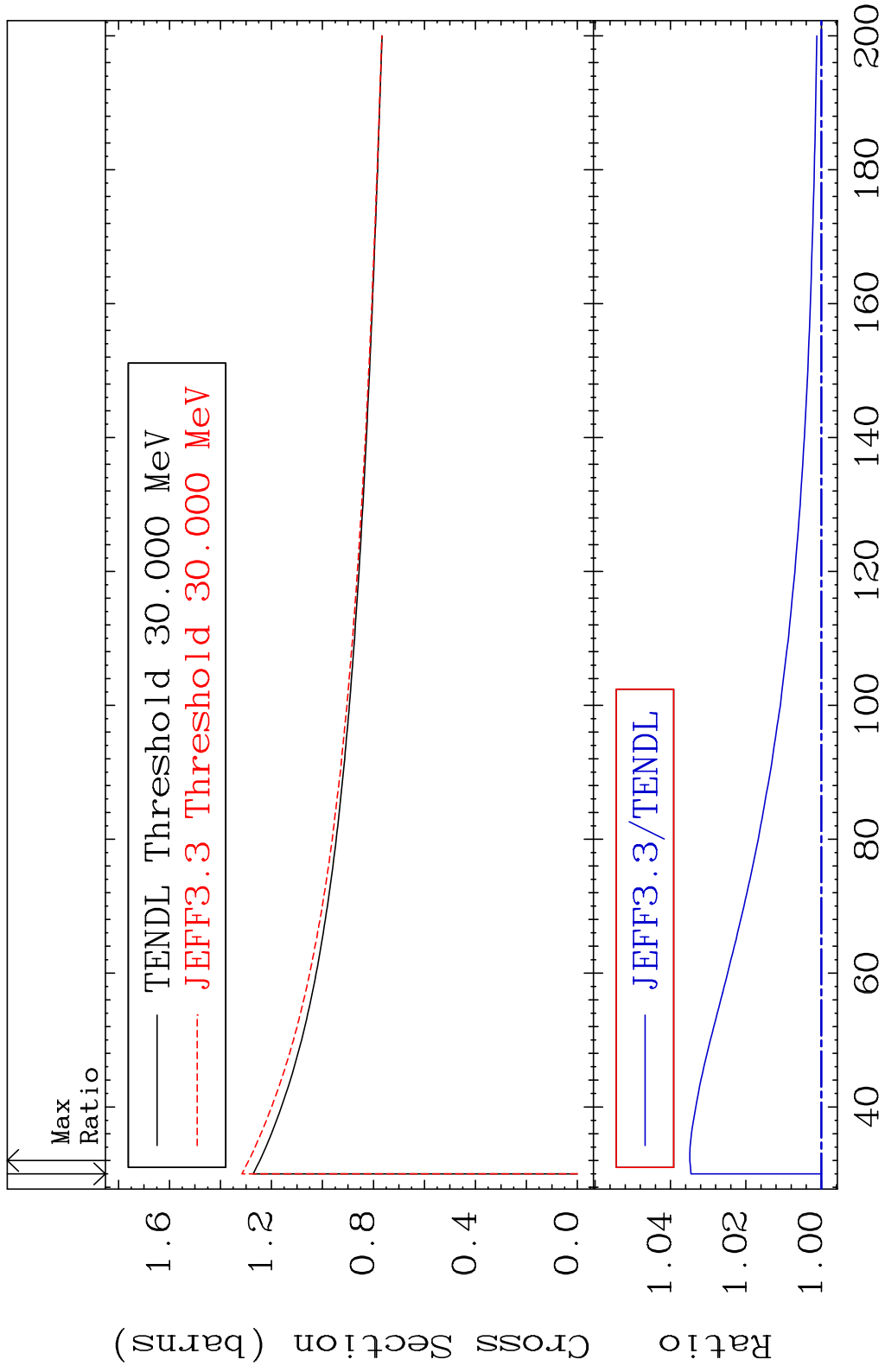
3 Incident Energy (eV) 32-Ge-72

MAT 3231

(n, remainder)

32-Ge-72

Cross Section 0.000 To 3.488 %

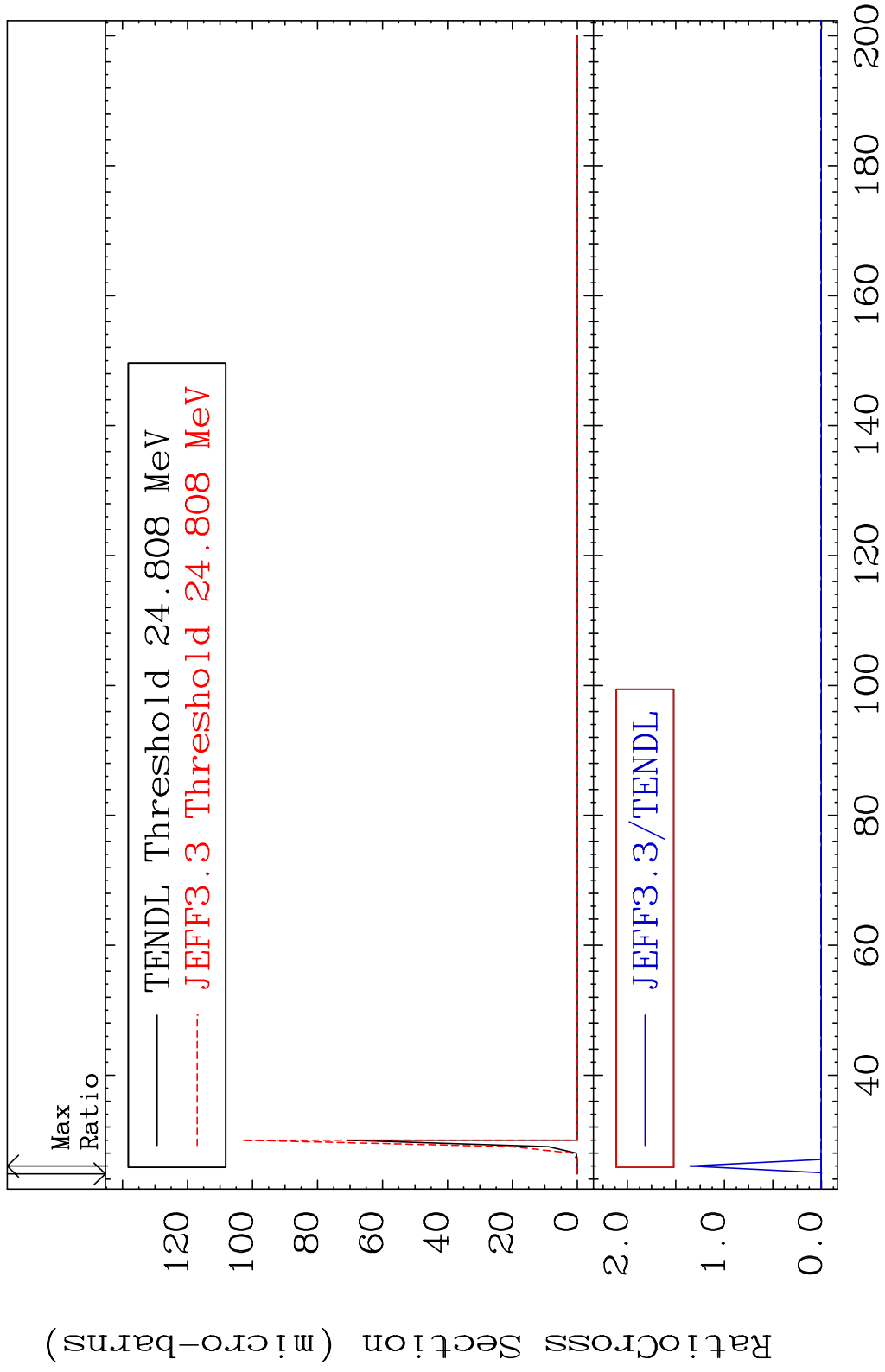


MAT 3231

(n,2n) d

32-Ge-72

Cross Section -100.0 To 9999. %

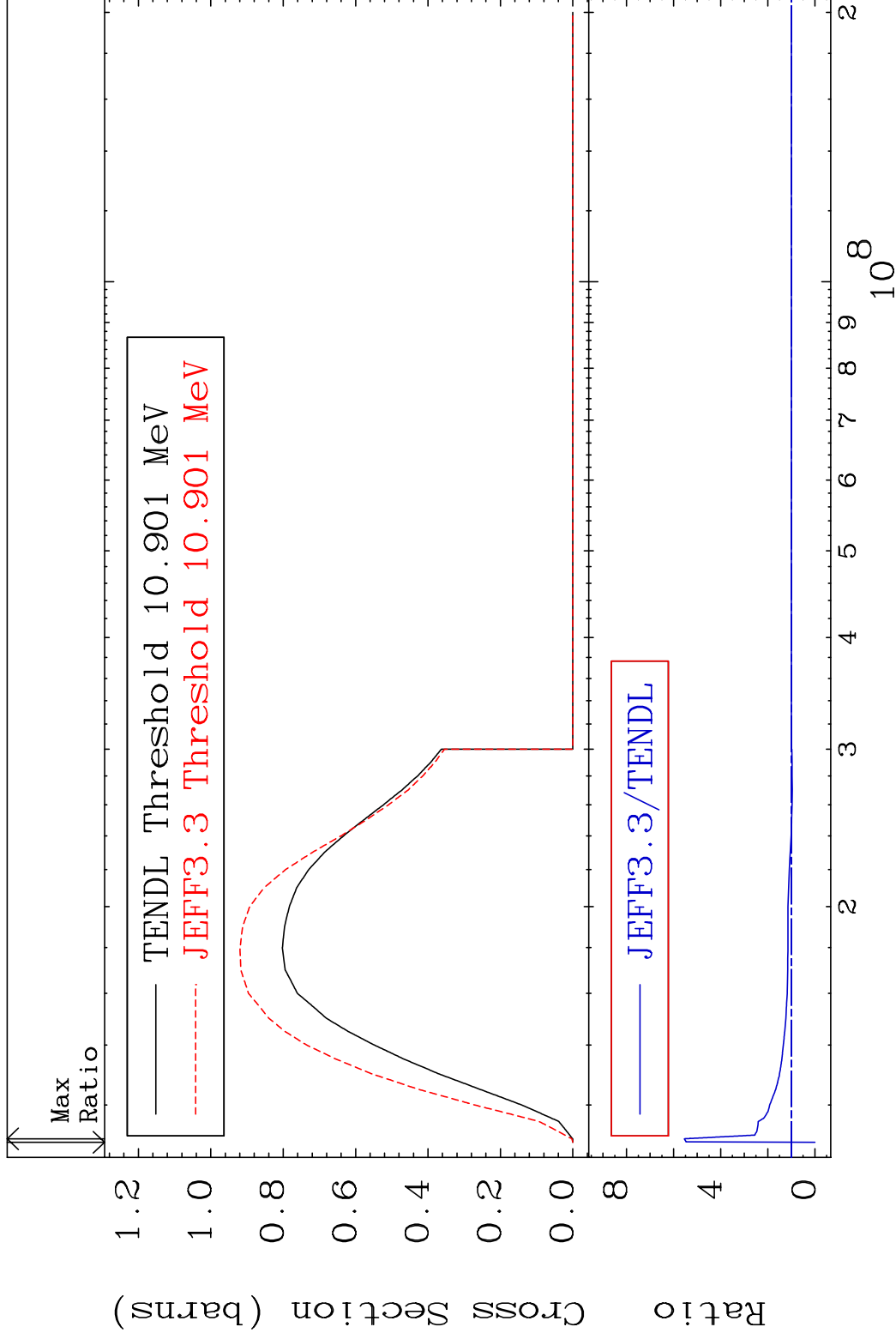


MAT 3231

(n,2n)

32-Ge-72

Cross Section -100.0 To 454.6 %

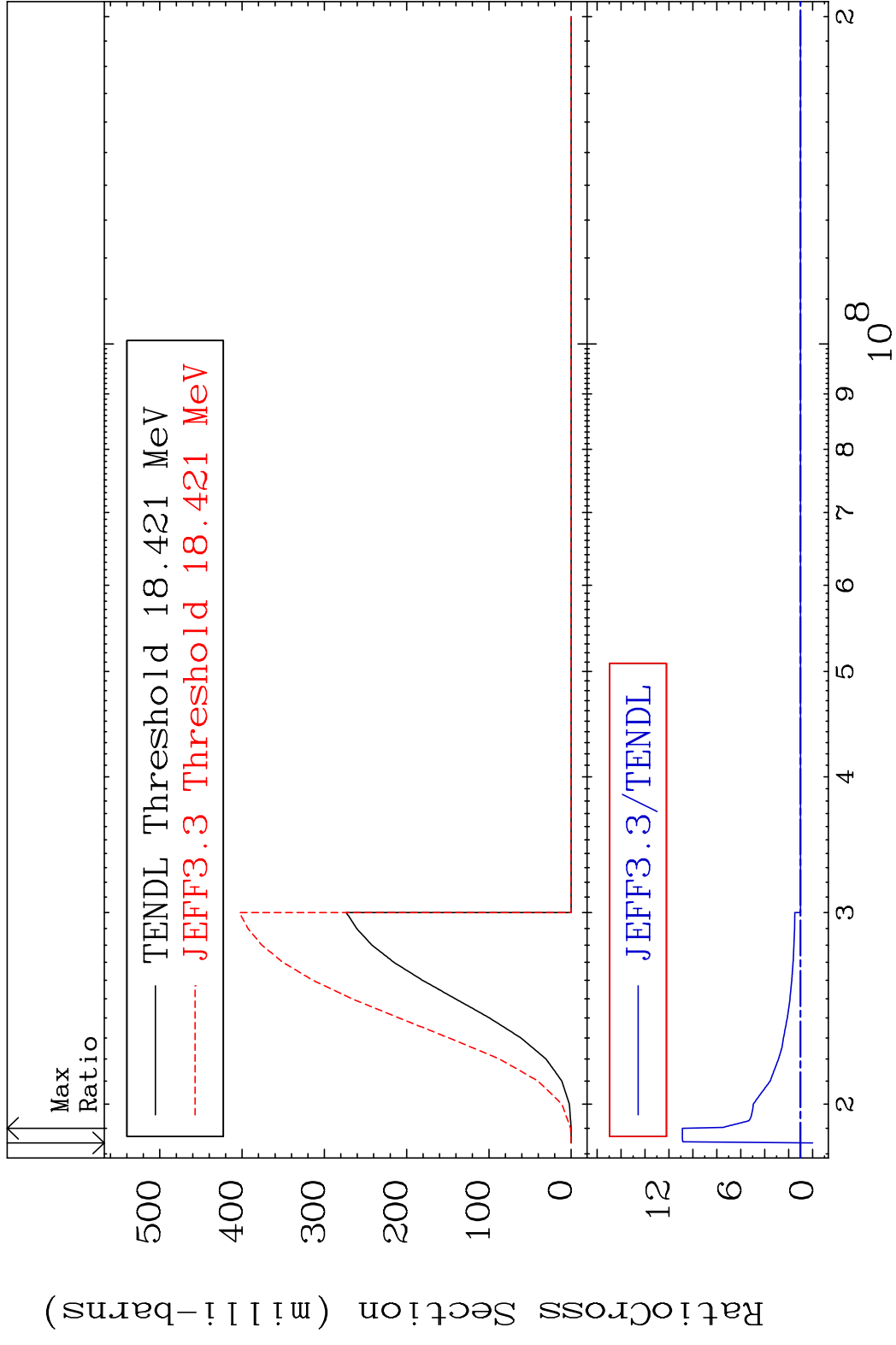


6

Incident Energy (eV)

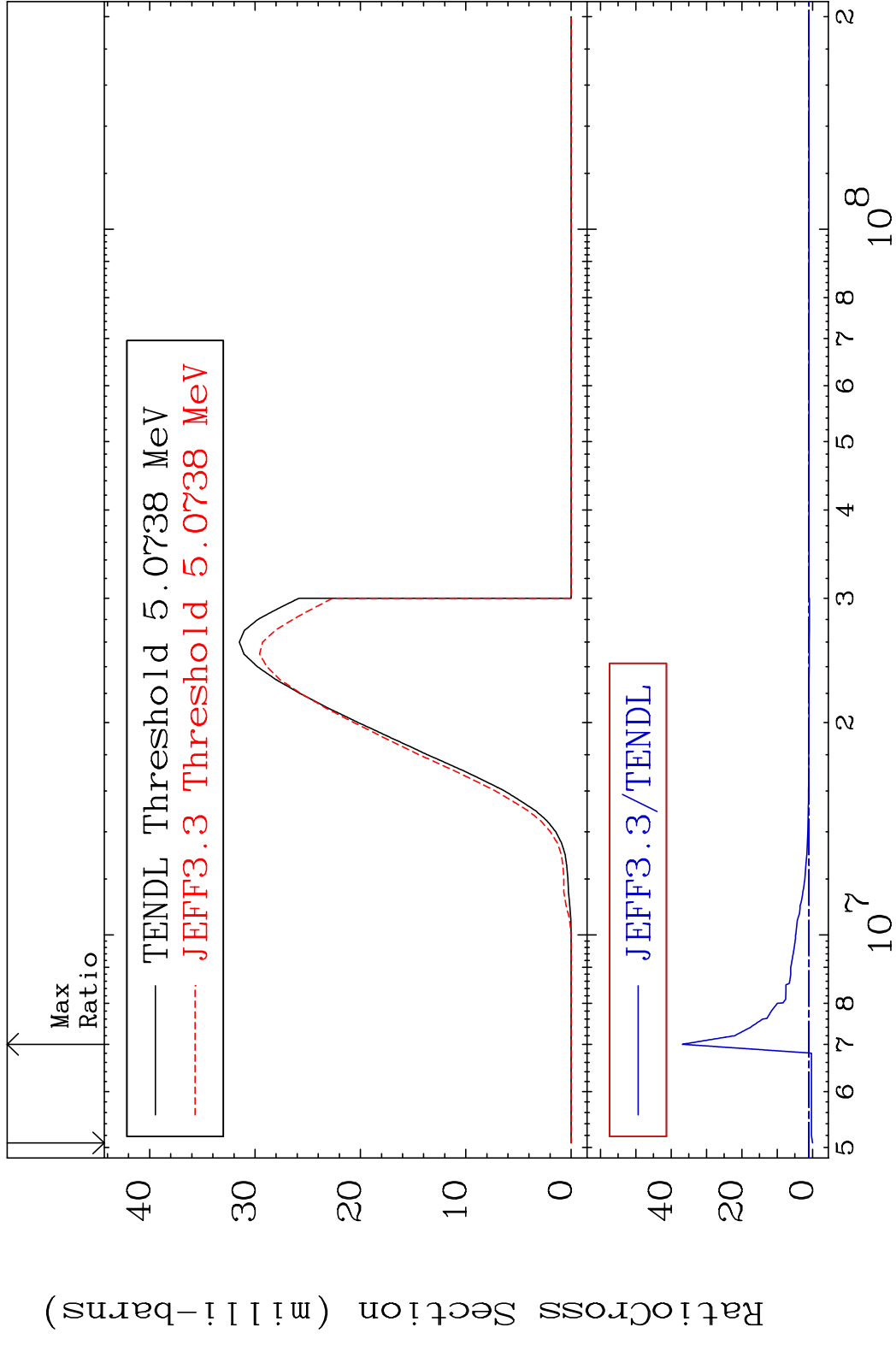
32-Ge-72

MAT 3231 (n,3n) 32-Ge-72
 Cross Section -100.0 To 987.8 %



7 Incident Energy (eV) 32-Ge-72

MAT 3231 (n, n') α 32-Ge-72
 Cross Section -100.0 To 3584. %

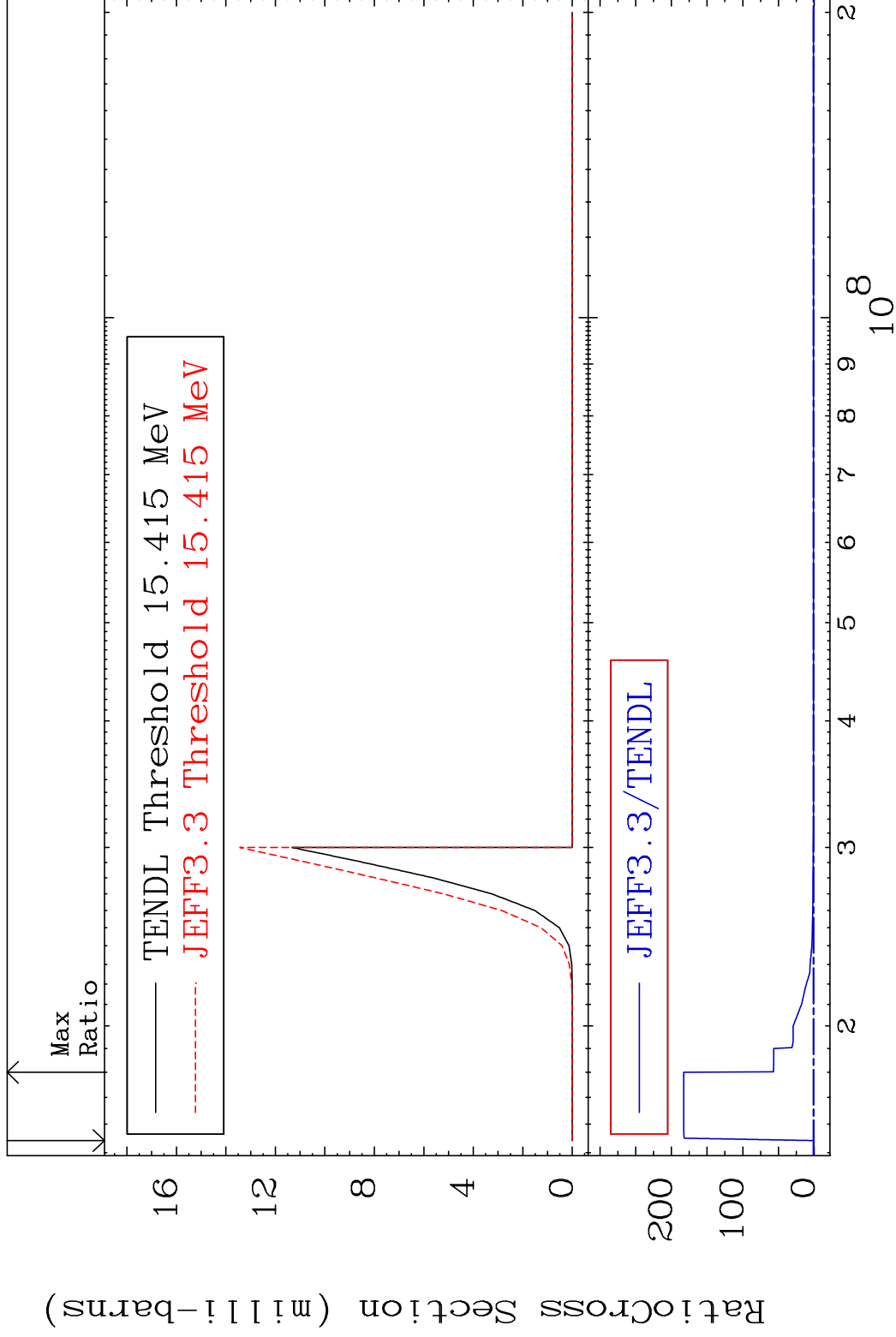


MAT 3231

(n,2n) α

32-Ge-72

Cross Section -100.0 To 9999. %

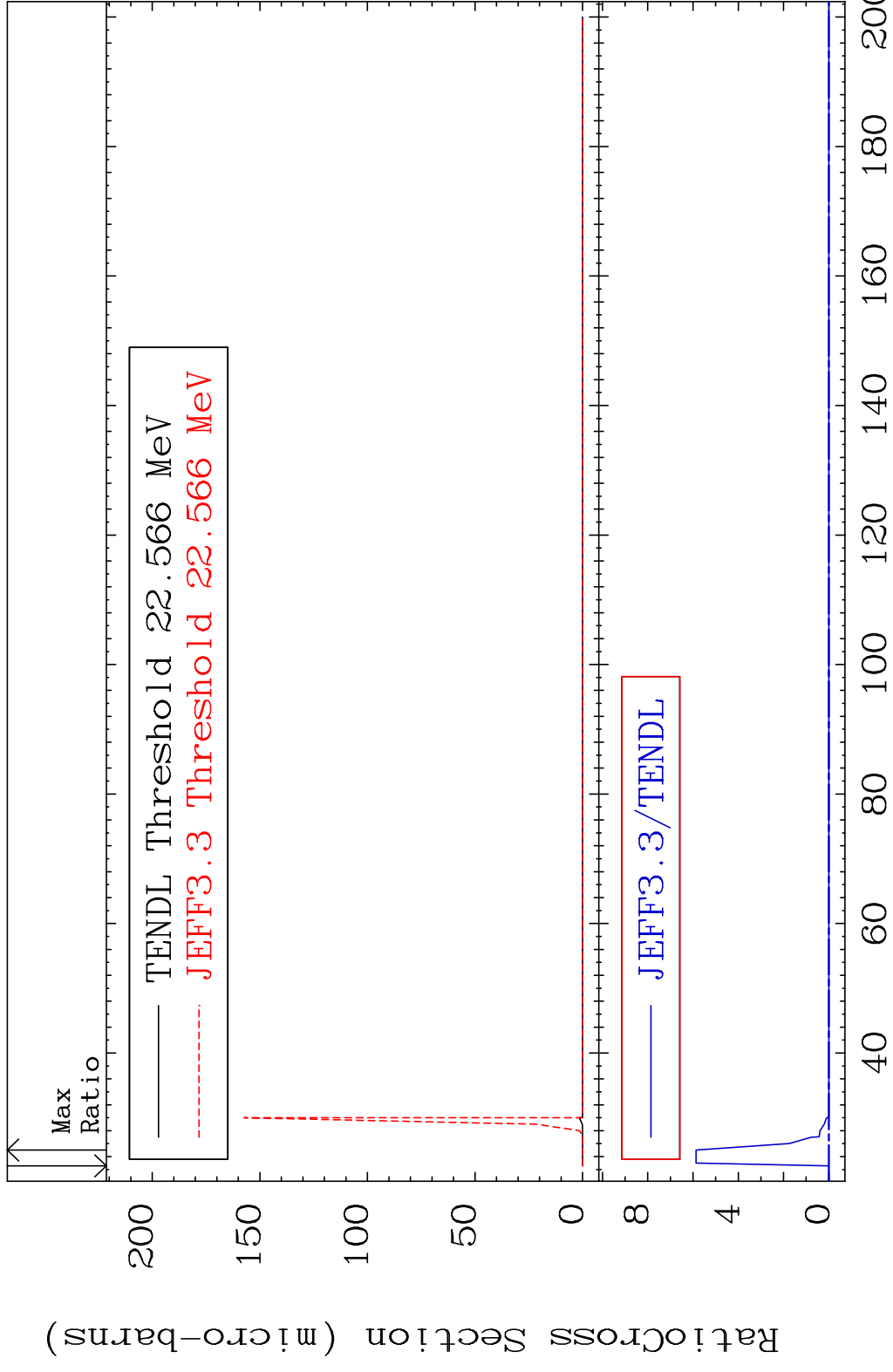


9

Incident Energy (eV)

32-Ge-72

MAT 3231 (n,3n) α 32-Ge-72
Cross Section -100.0 To 9999. %



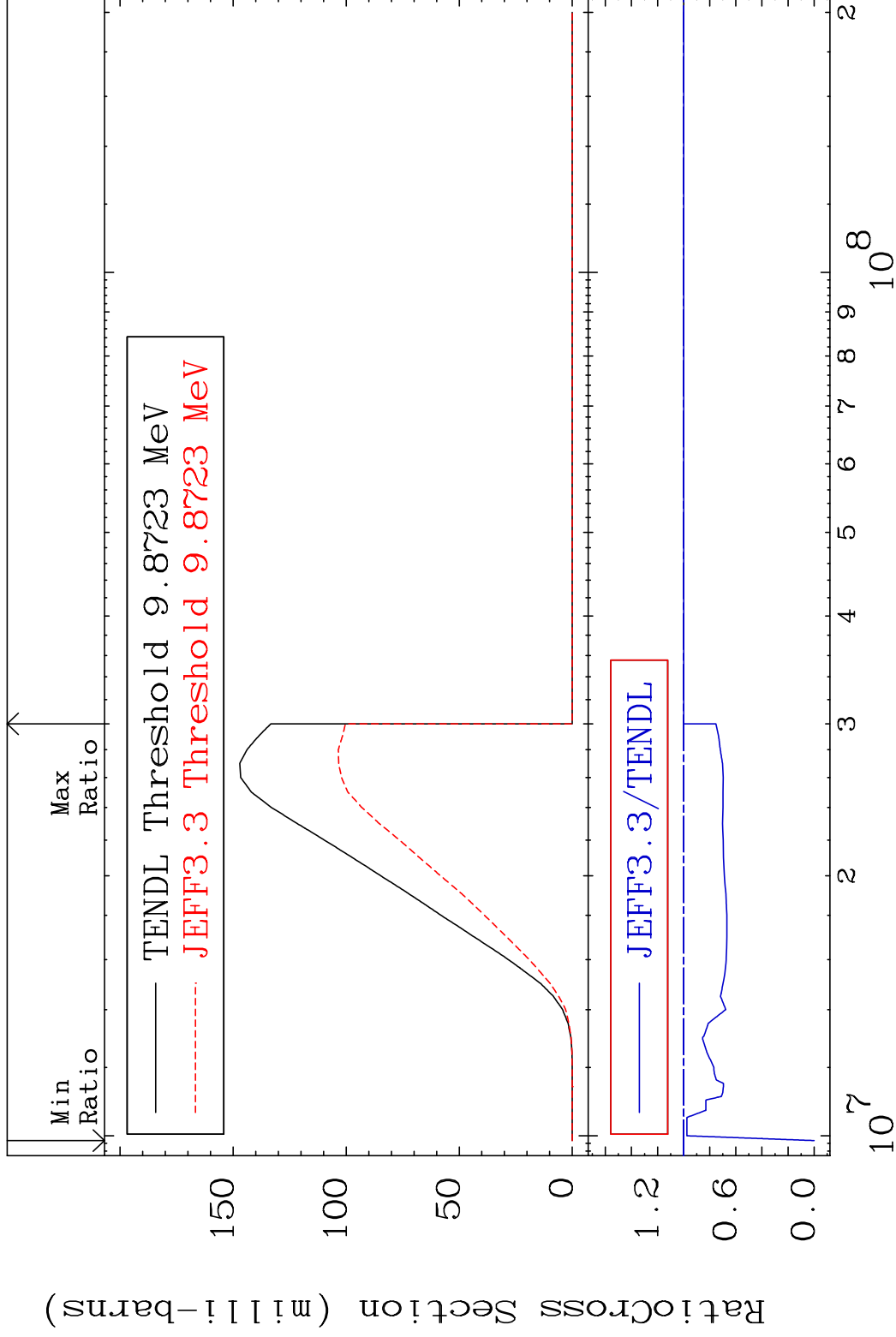
10 Incident Energy (MeV) 32-Ge-72

MAT 3231

(n, n') p

32-Ge-72

Cross Section -100.0 To 0.000 %

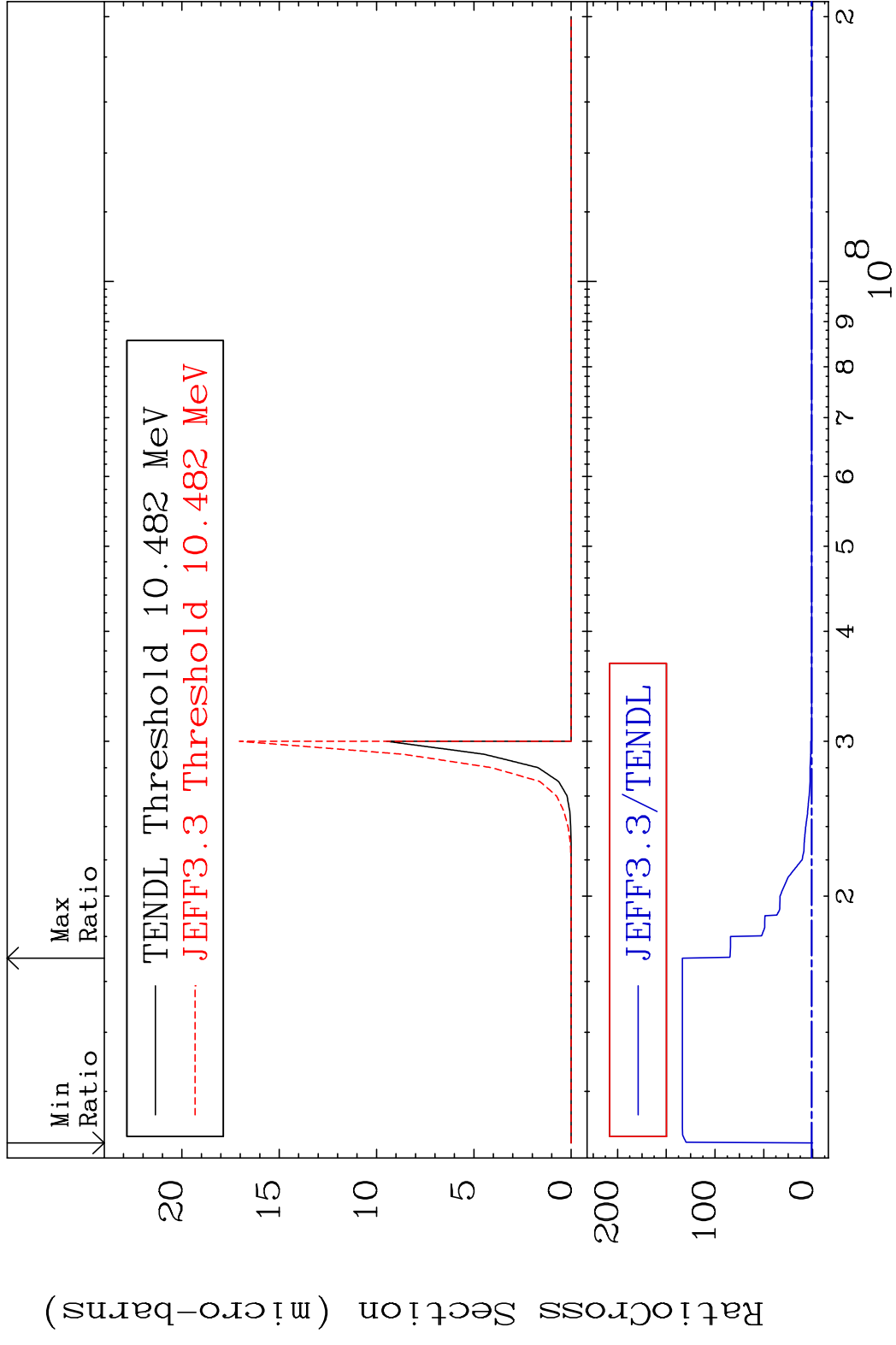


11

Incident Energy (eV)

32-Ge-72

MAT 3231 (n, n') 2α 32-Ge-72
 Cross Section -100.0 To 9999. %

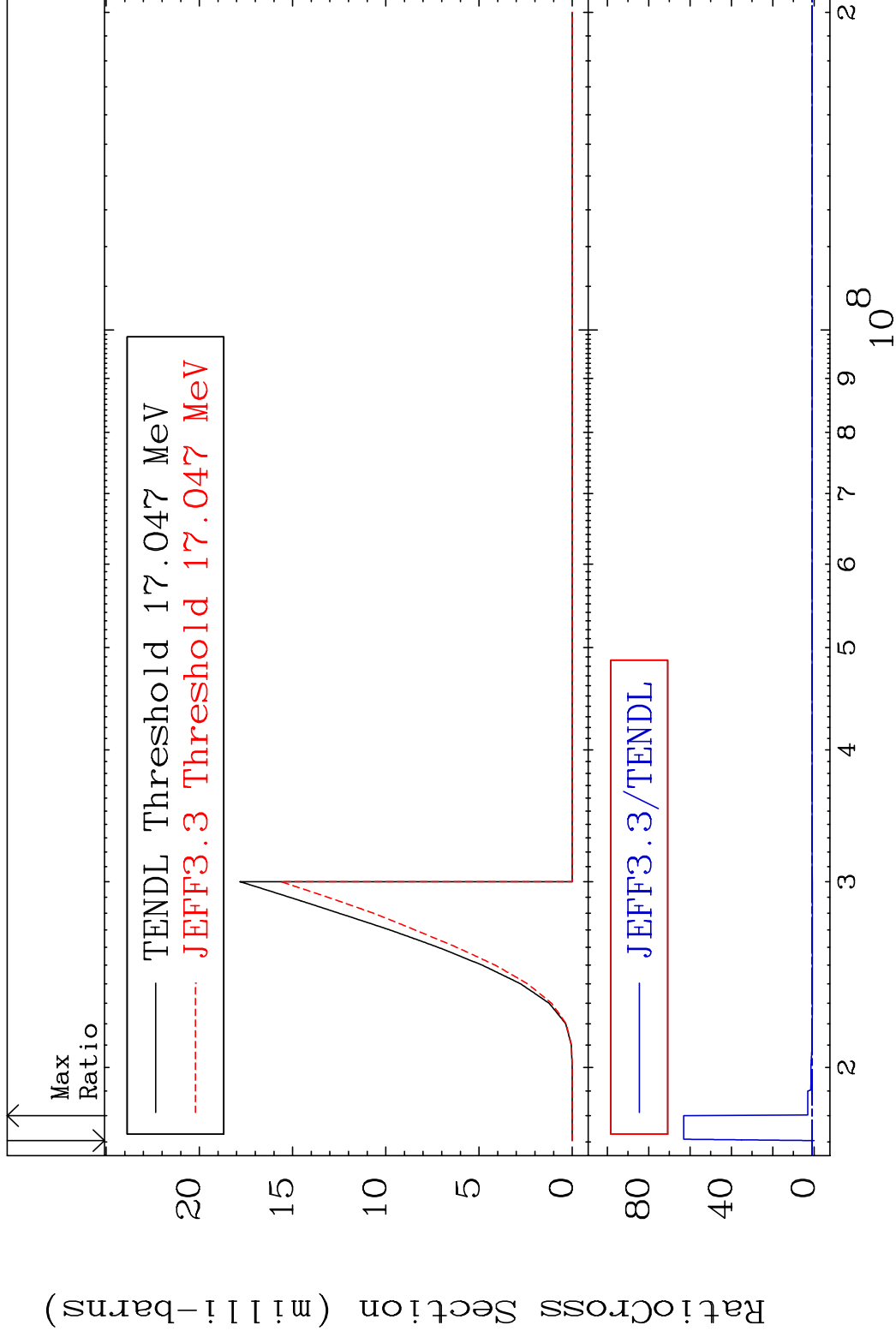


MAT 3231

(n, n') d

32-Ge-72

Cross Section -100.0 To 6209. %



13

Incident Energy (eV)

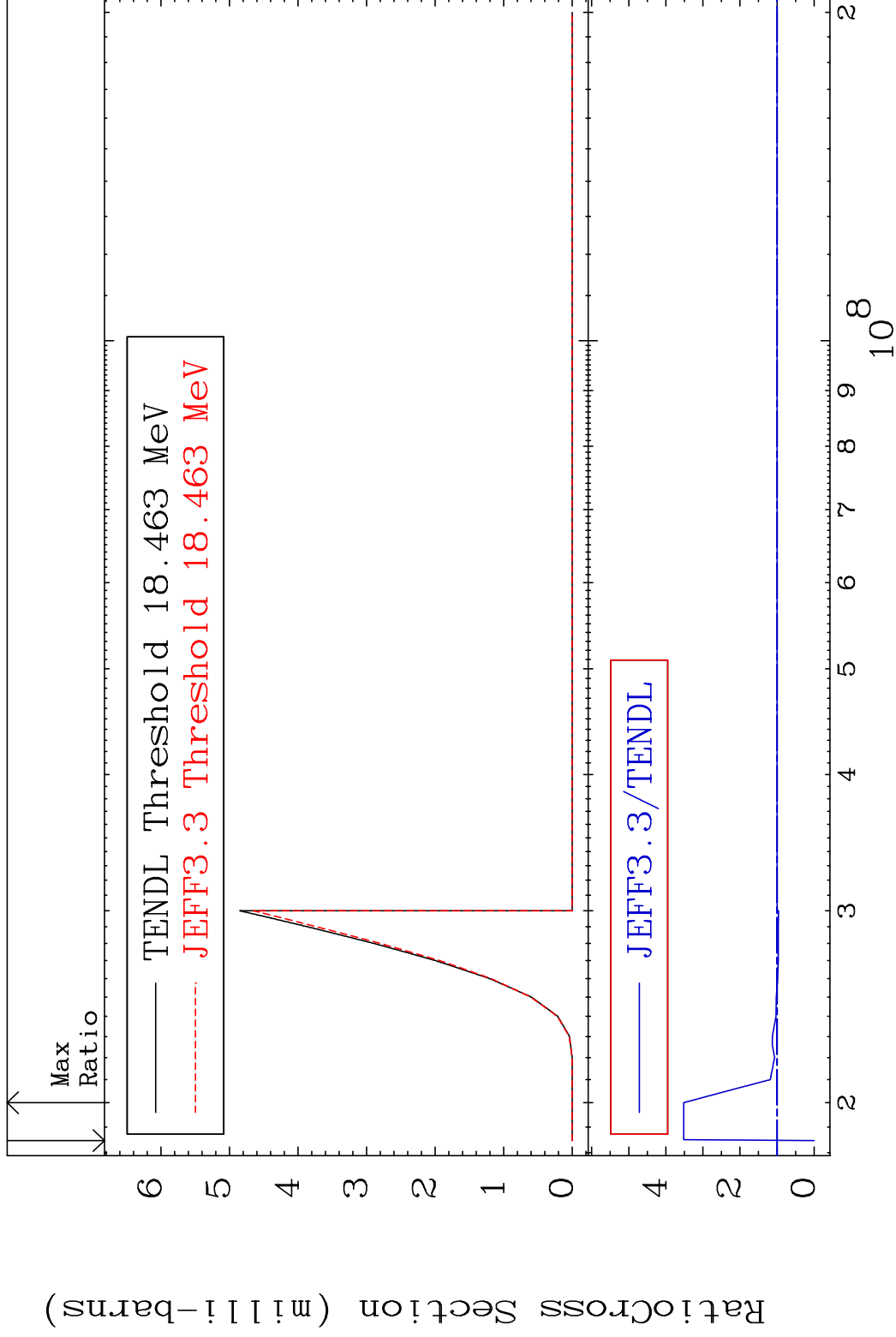
32-Ge-72

MAT 3231

(n, n') t

32-Ge-72

Cross Section -100.0 To 251.9 %

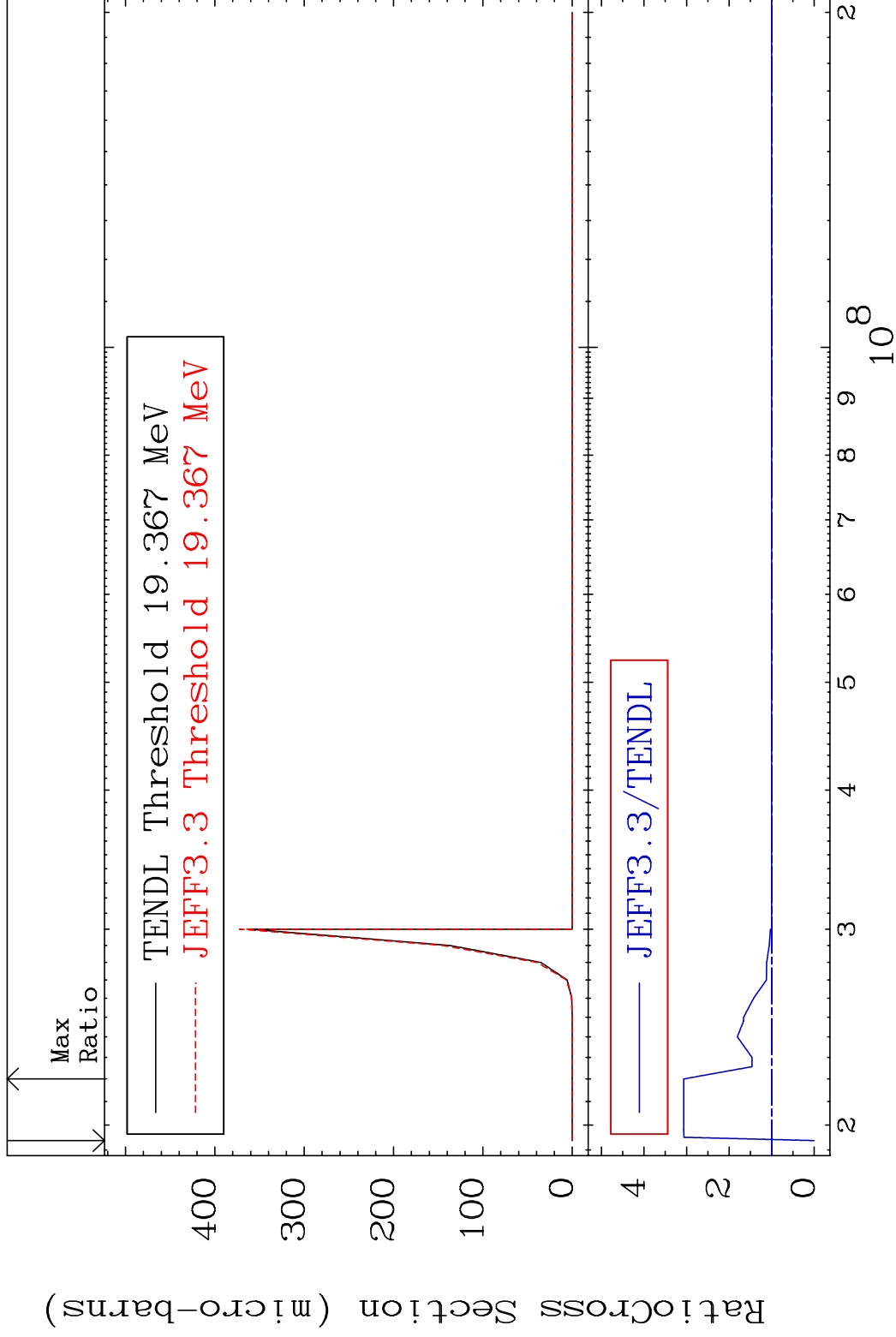


MAT 3231

(n,n') He-3

32-Ge-72

Cross Section -100.0 To 206.8 %



15

Incident Energy (eV)

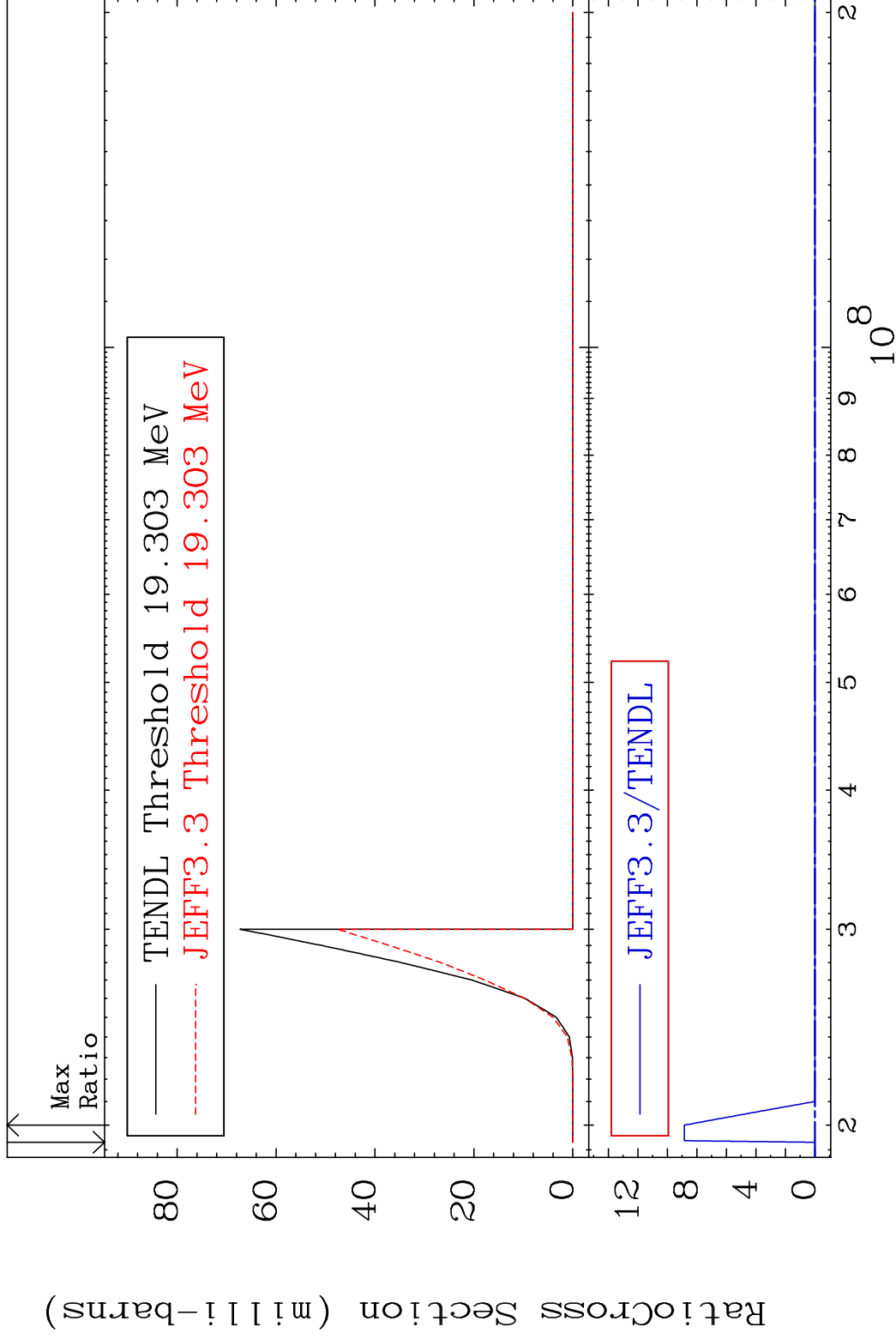
32-Ge-72

MAT 3231

(n,2n) p

32-Ge-72

Cross Section -100.0 To 9999. %

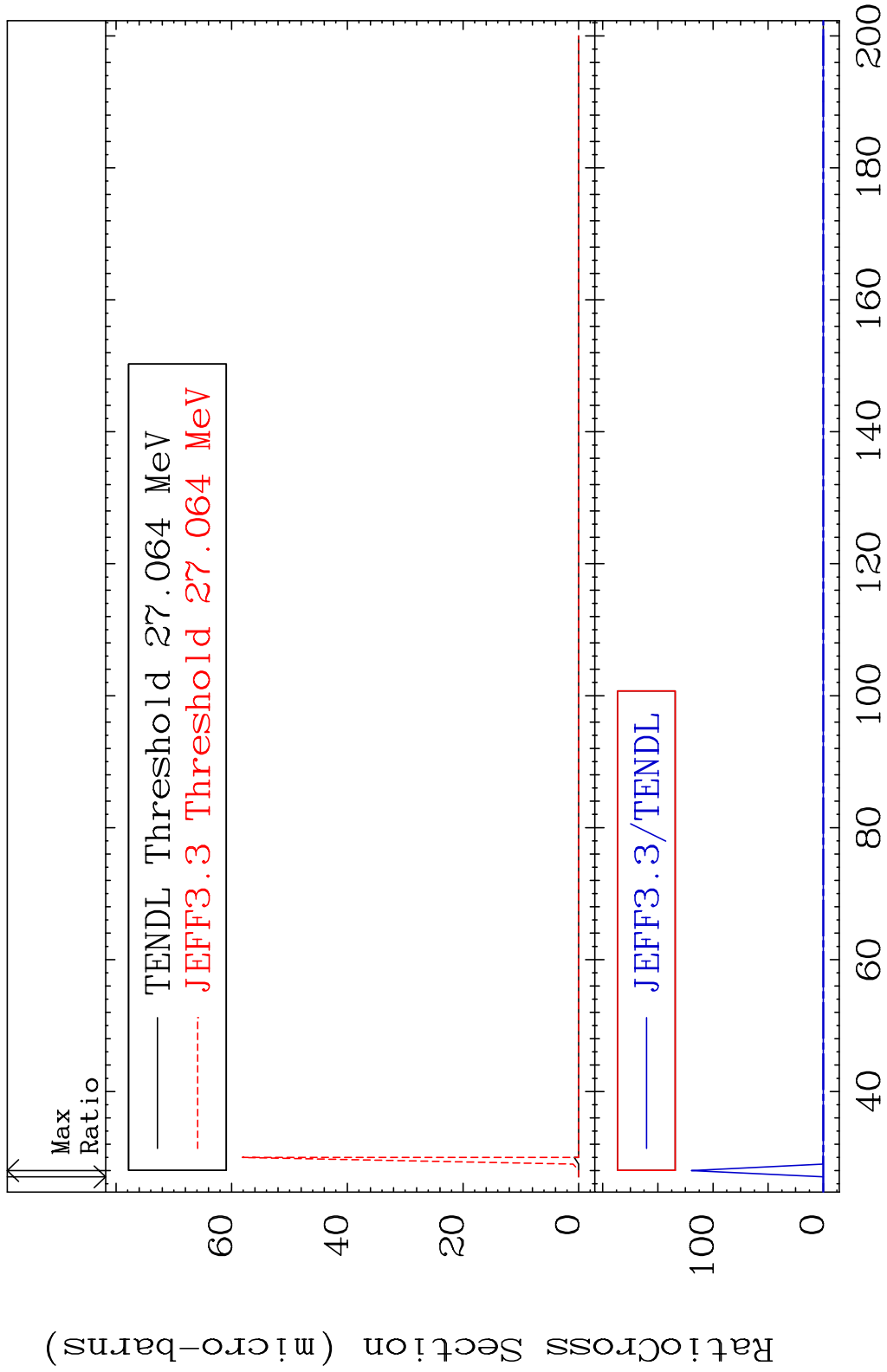


16

Incident Energy (eV)

32-Ge-72

MAT 3231 (n,3n) p 32-Ge-72
 Cross Section -100.0 To 9999. %

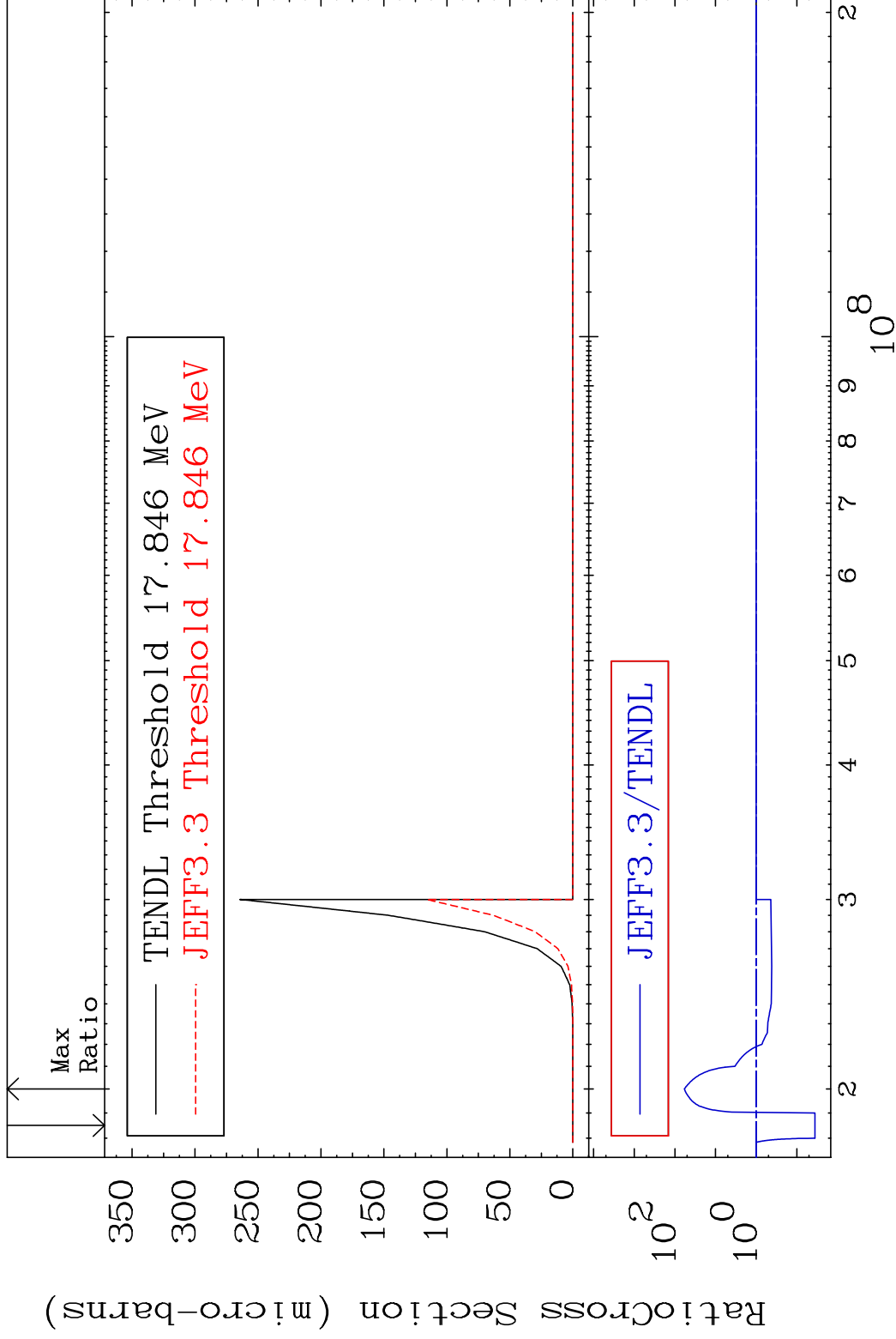


MAT 3231

(n,2n) p

32-Ge-72

Cross Section -96.40 To 5763. %

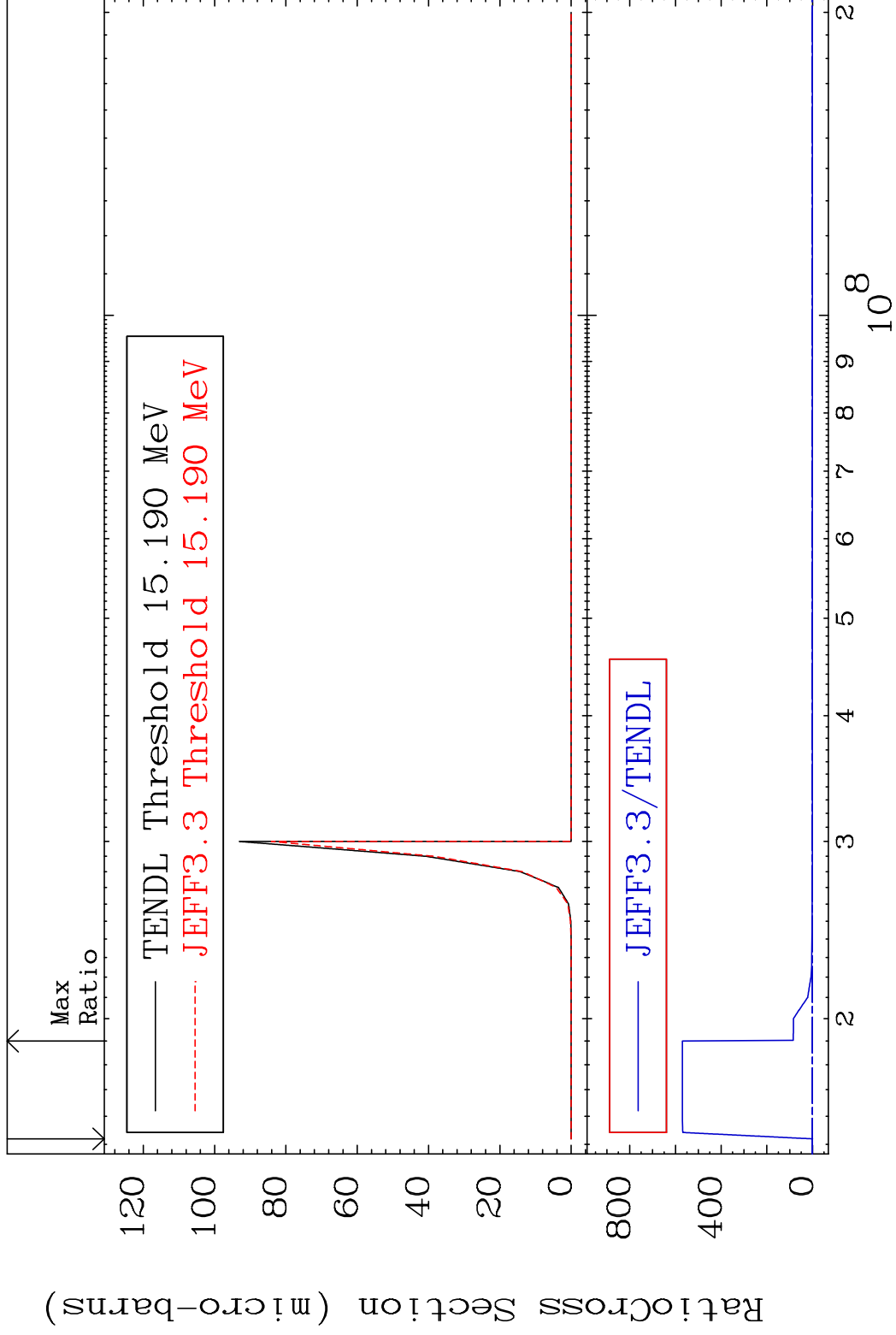


MAT 3231

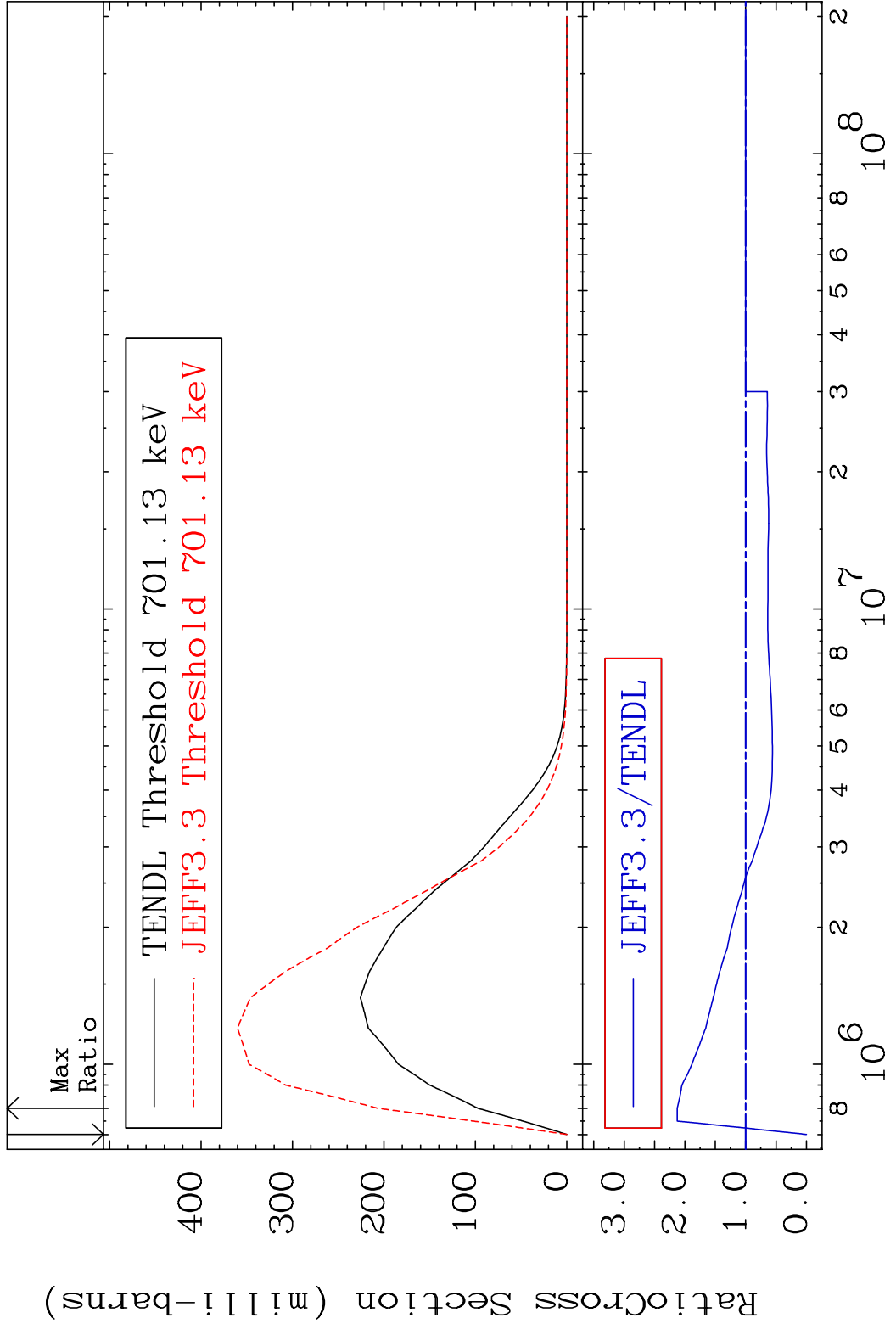
(n,n') p α

32-Ge-72

Cross Section -100.0 To 9999. %

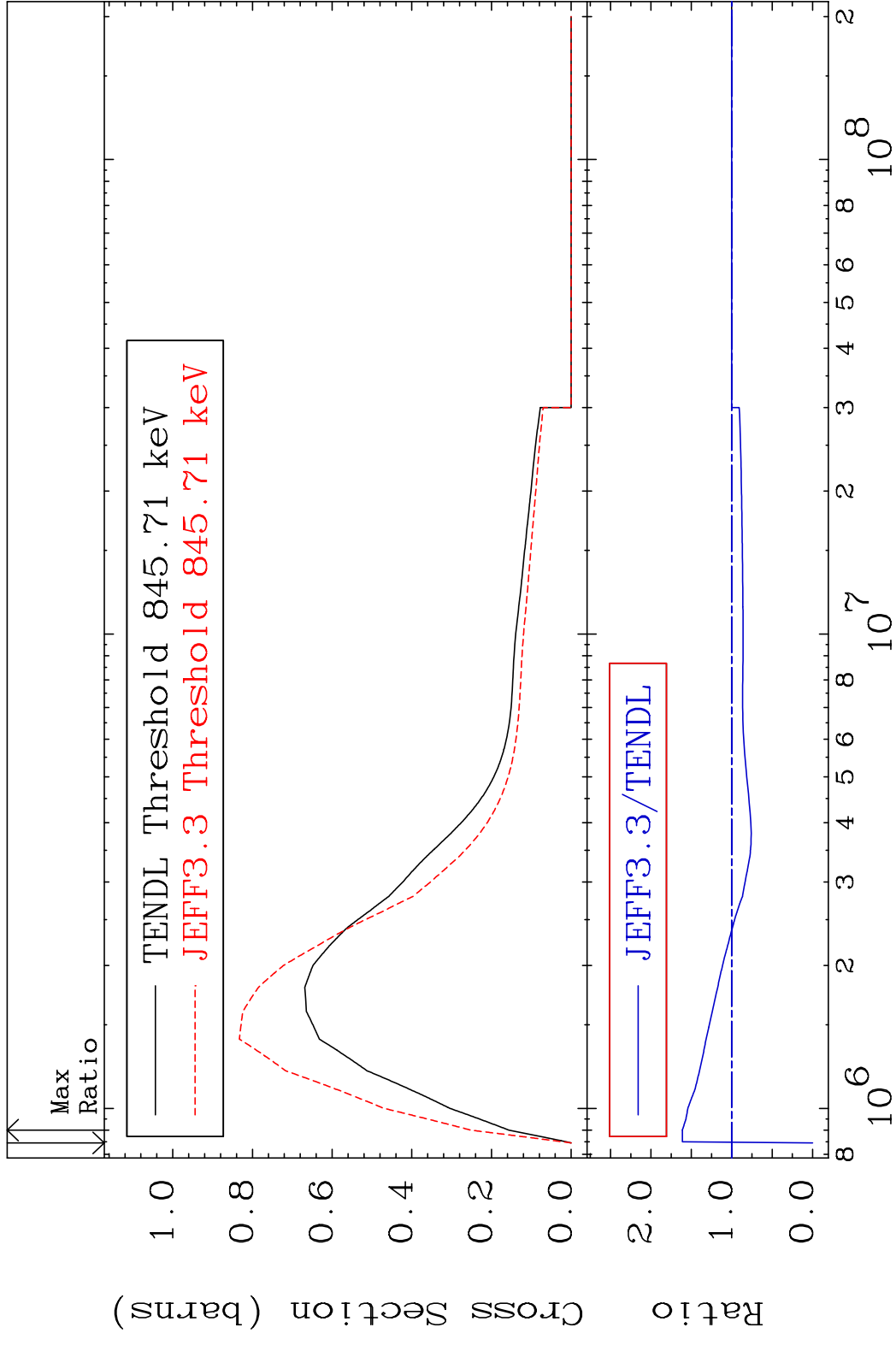


MAT 3231 MT= 51 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 112.7 %

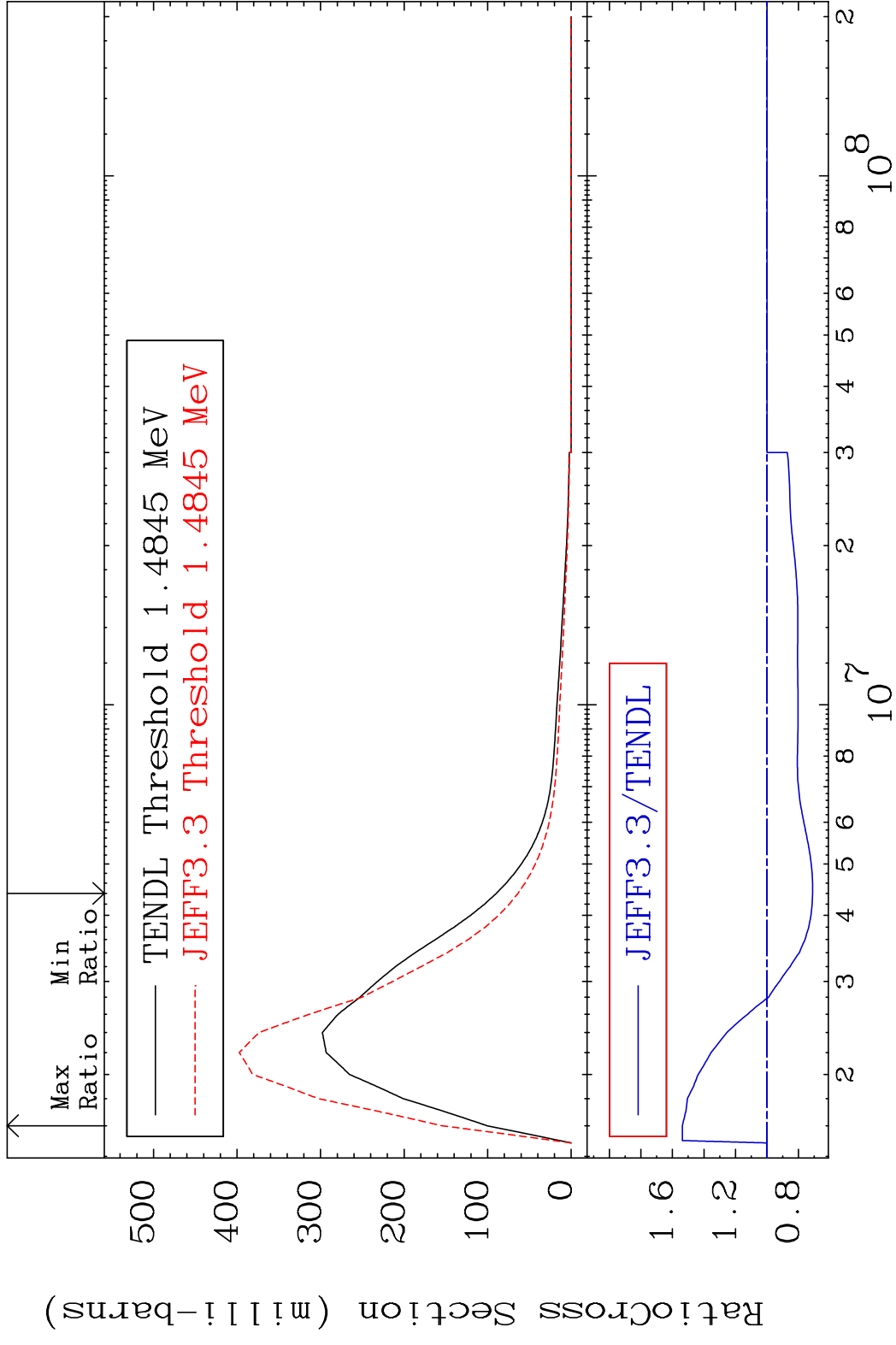


20 32-Ge-72

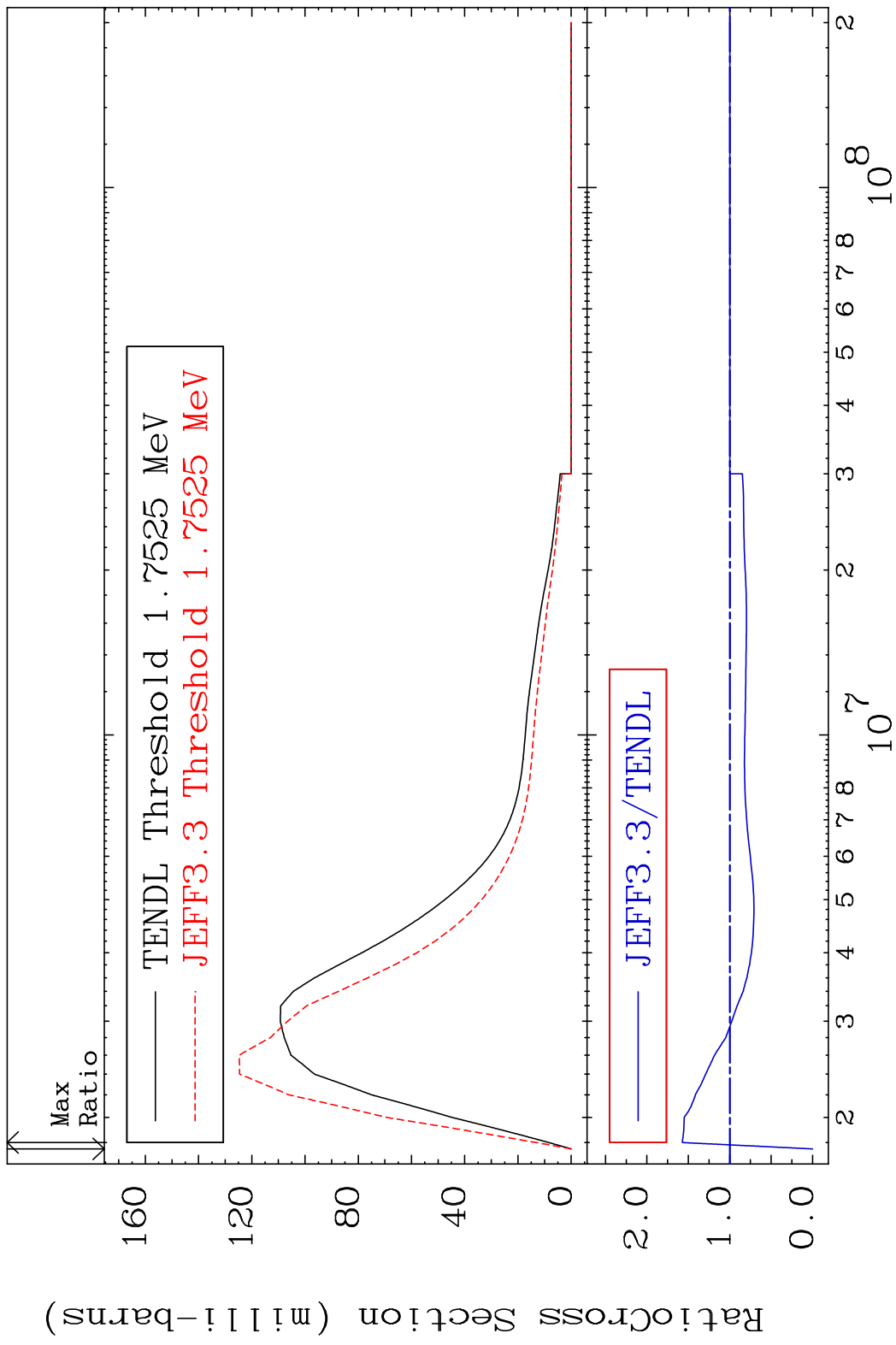
MAT 3231 MT= 52 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 61.13 %



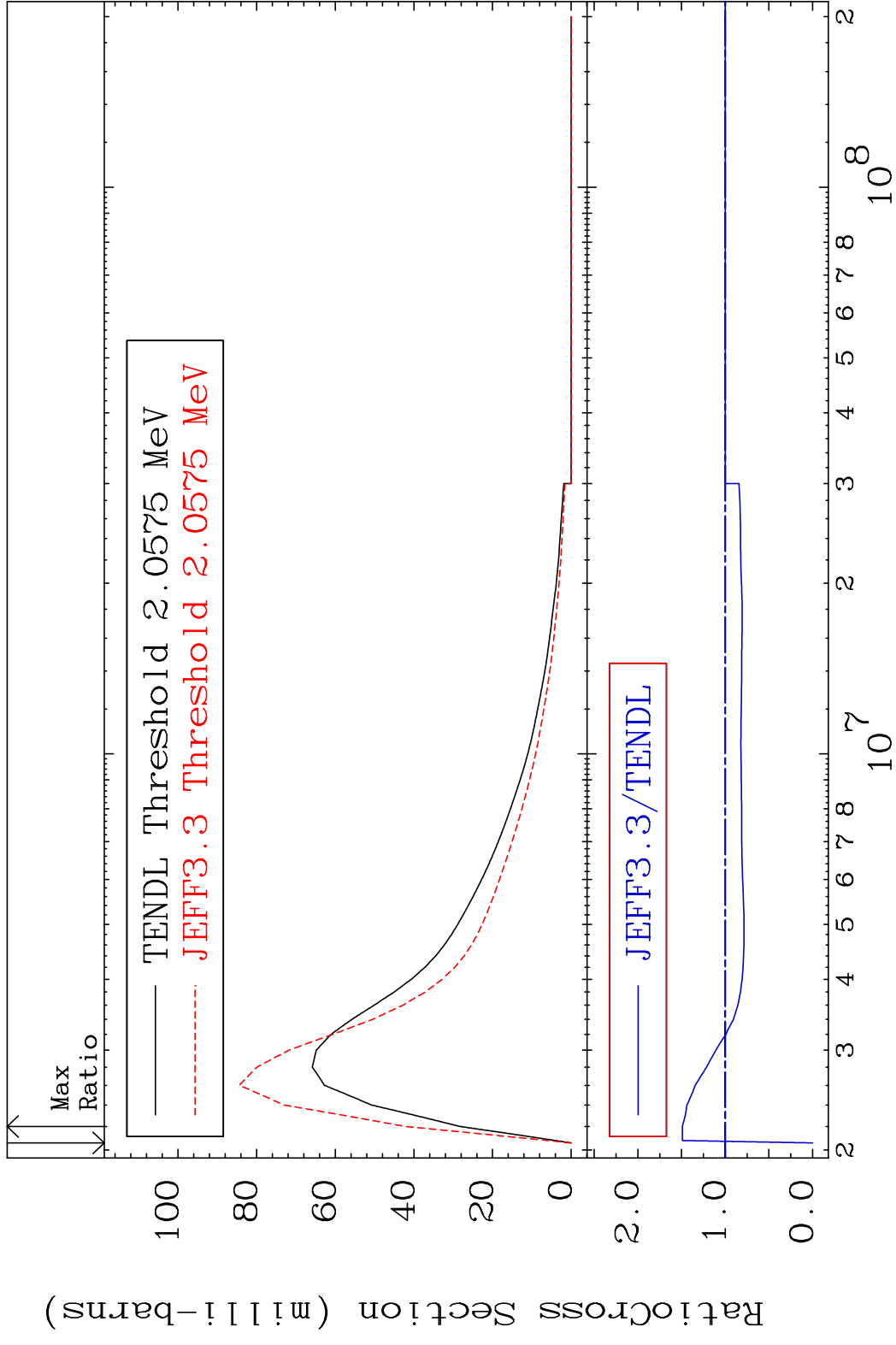
MAT 3231 MT= 53 (n,n') Level 32-Ge-72
 Cross Section -28.88 To 53.69 %



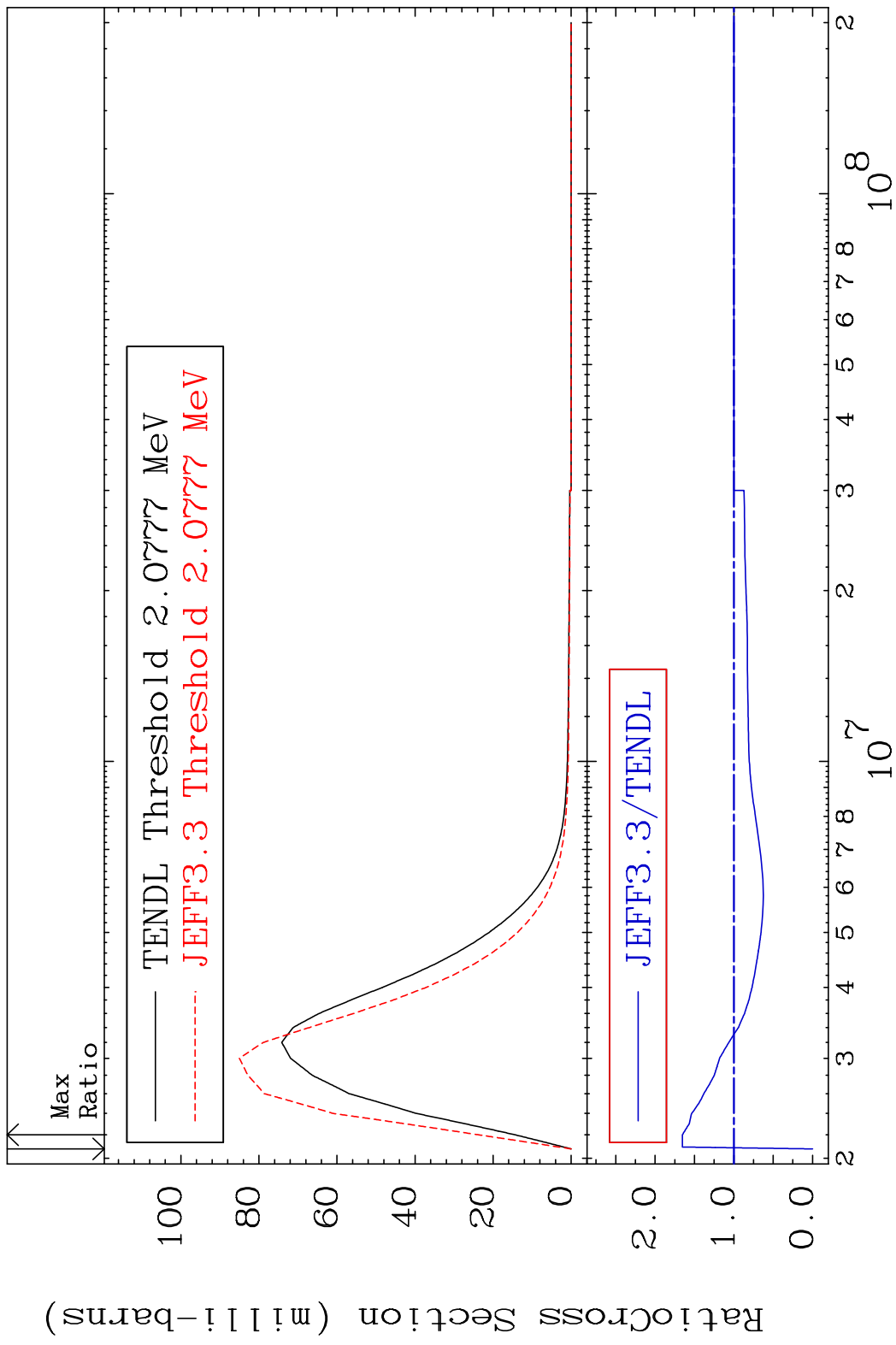
MAT 3231 MT= 54 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 57.19 %



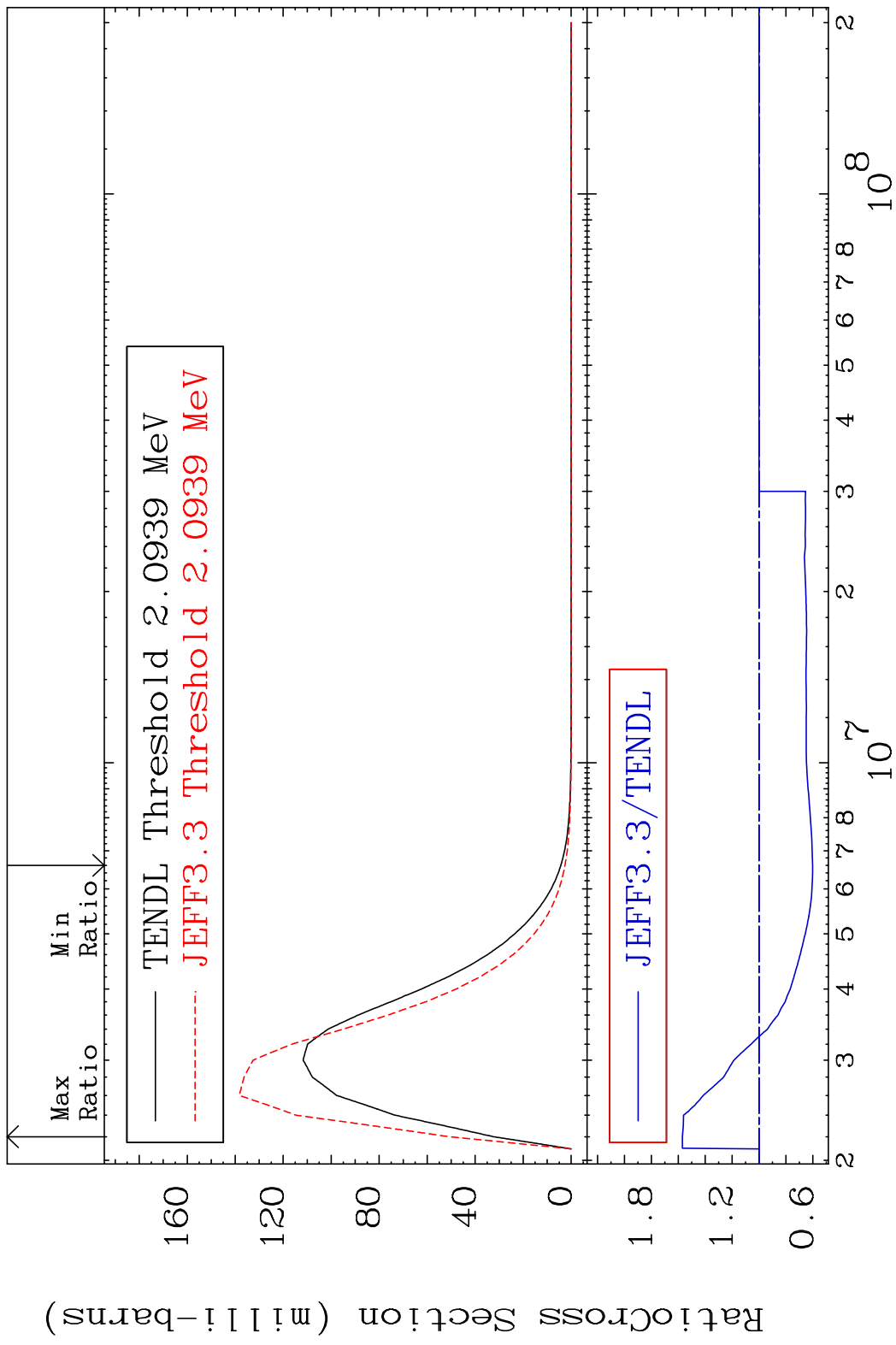
MAT 3231 MT= 55 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 49.06 %



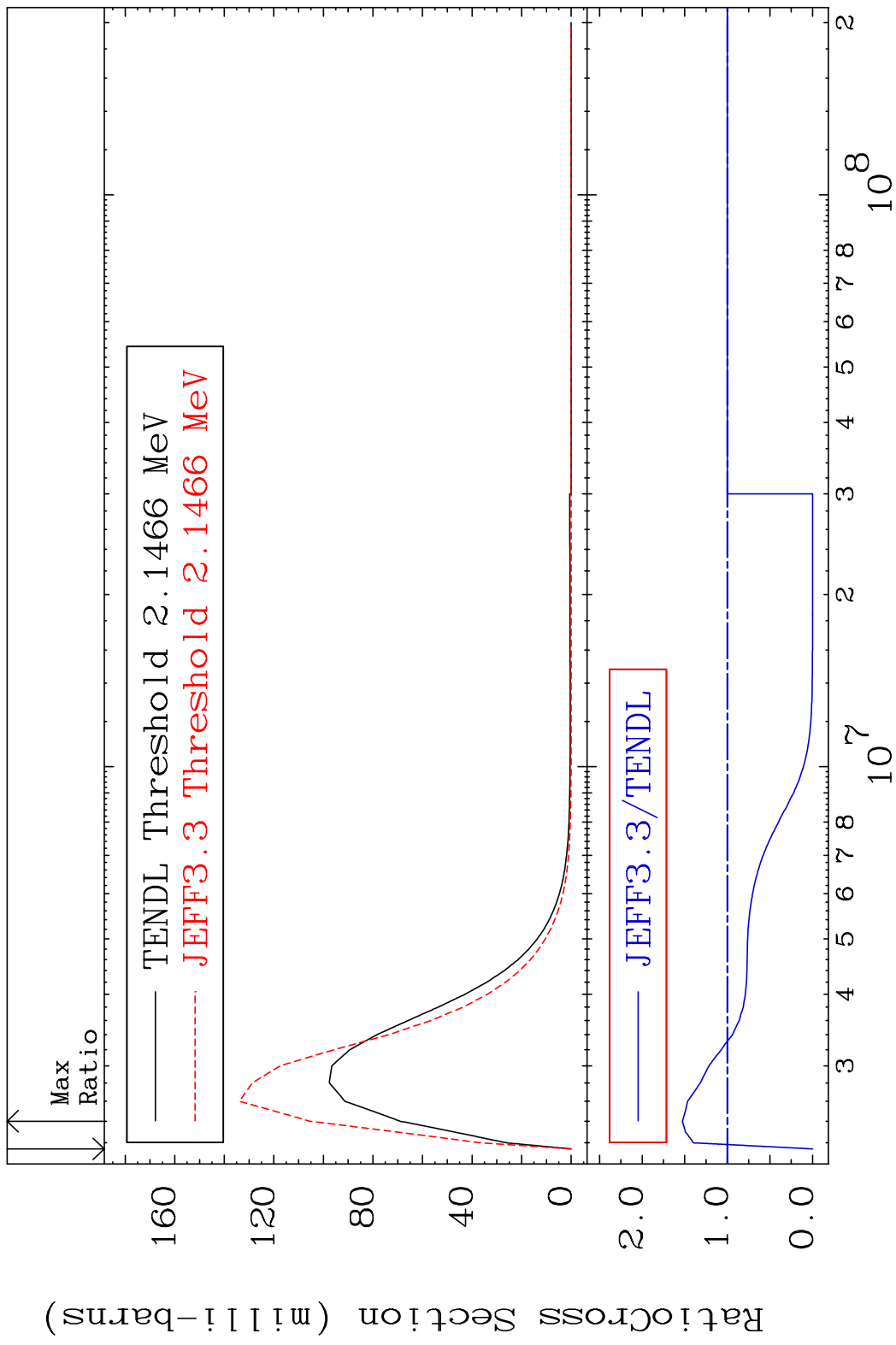
MAT 3231 MT= 56 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 65.37 %



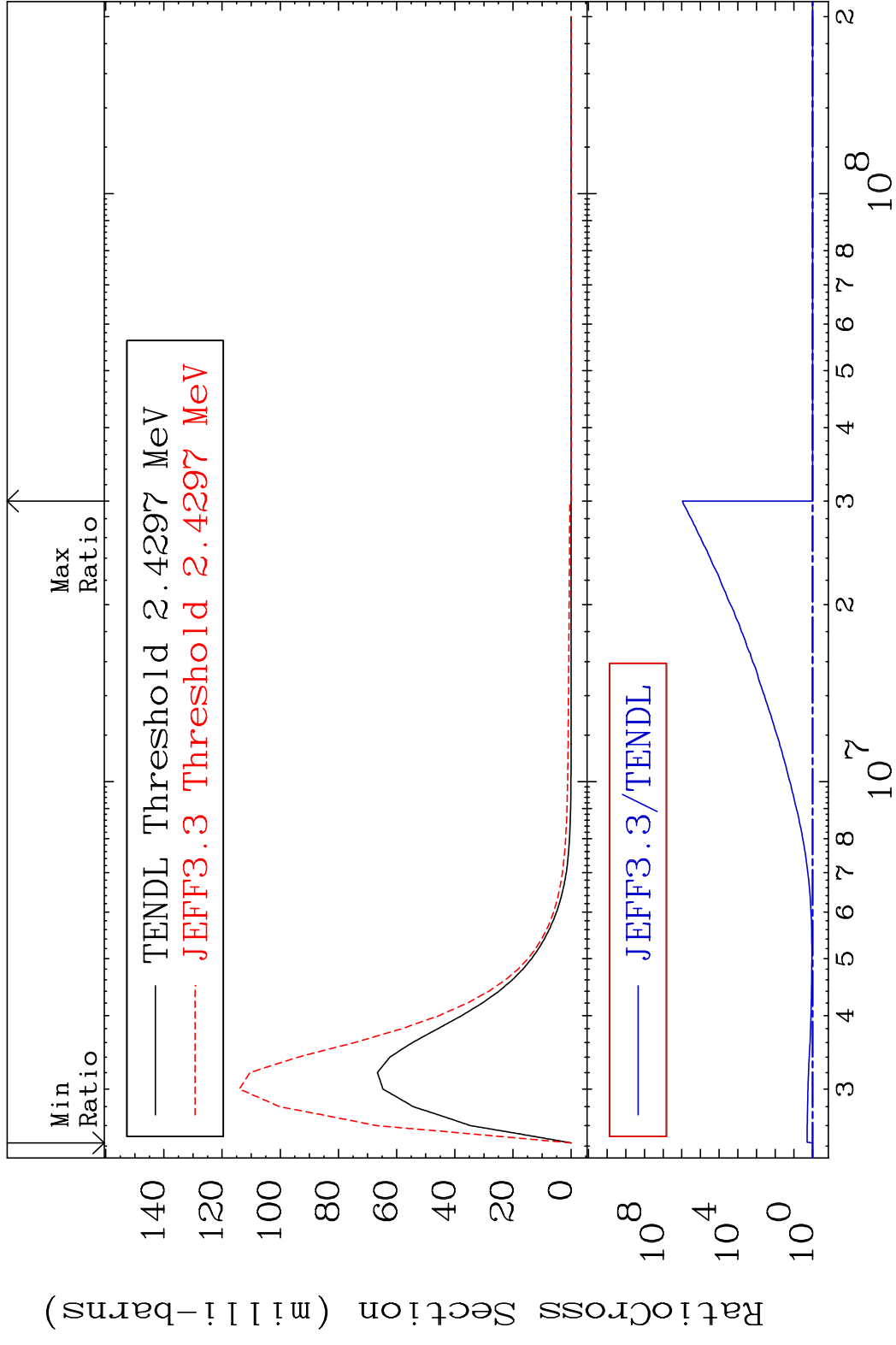
MAT 3231 MT= 57 (n,n') Level 32-Ge-72
 Cross Section -39.81 To 57.01 %



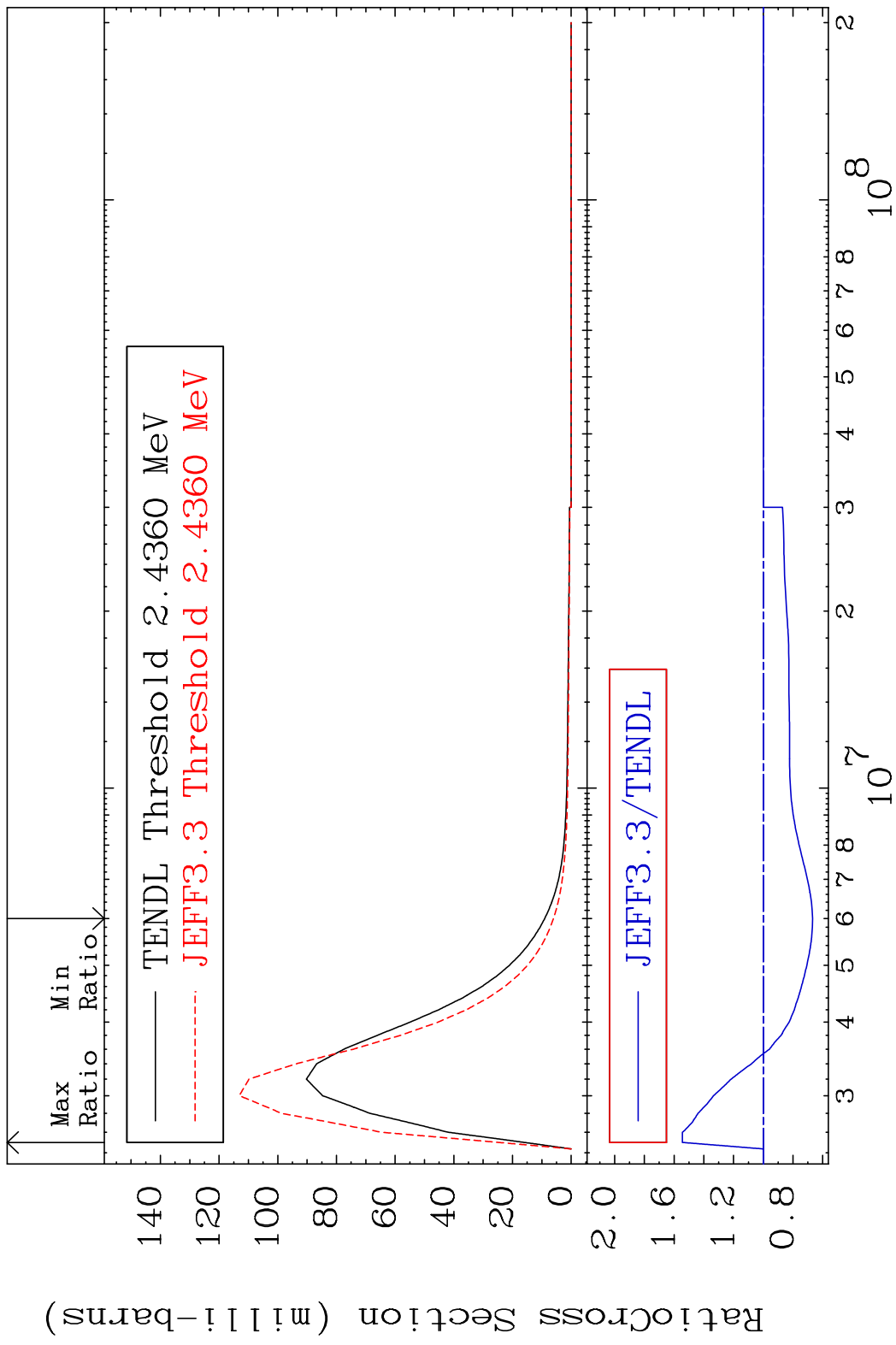
MAT 3231 MT= 58 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 52.82 %



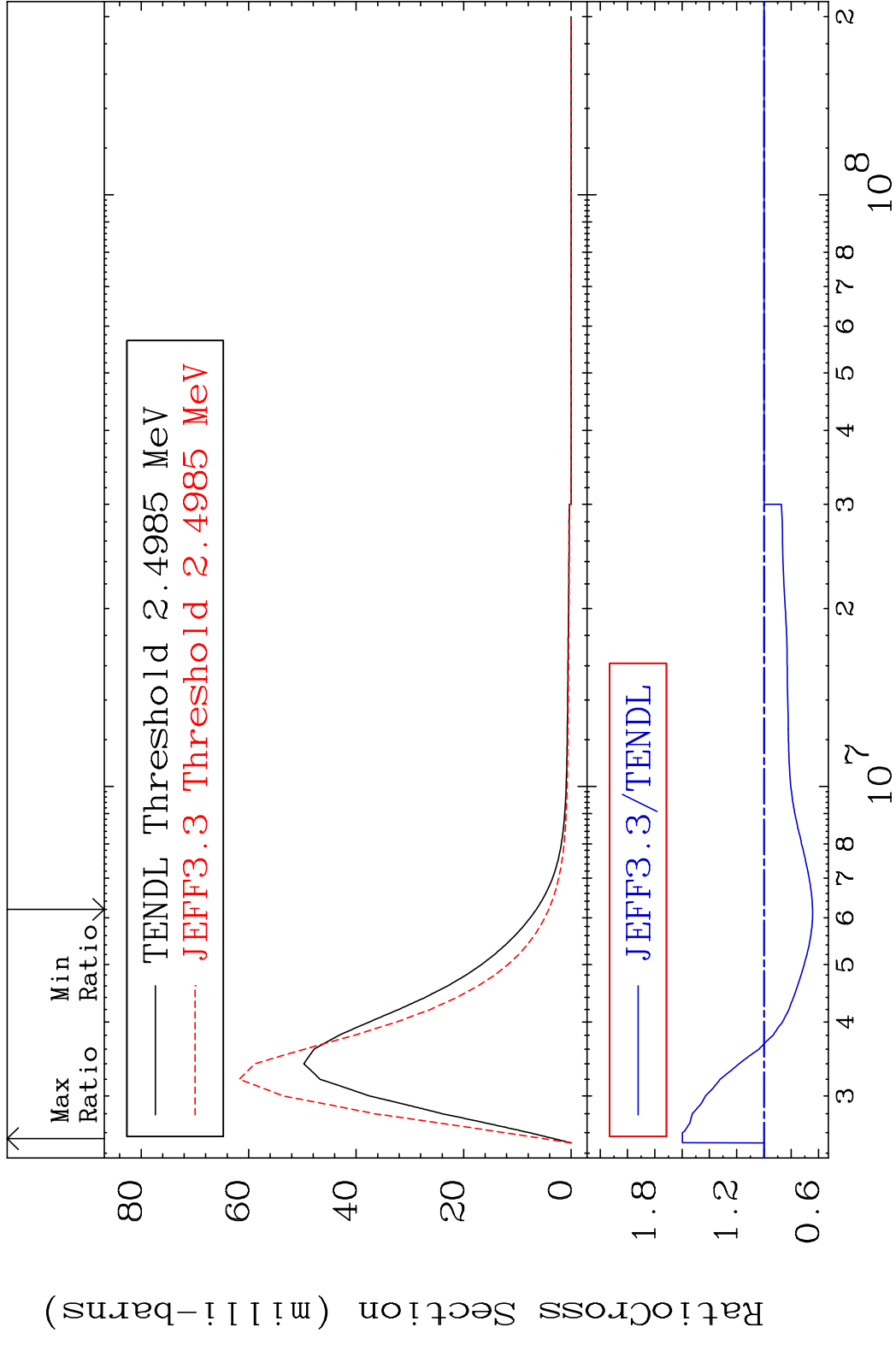
MAT 3231 MT= 59 (n, n') Level 32-Ge-72
 Cross Section 0.000 To 9999. %



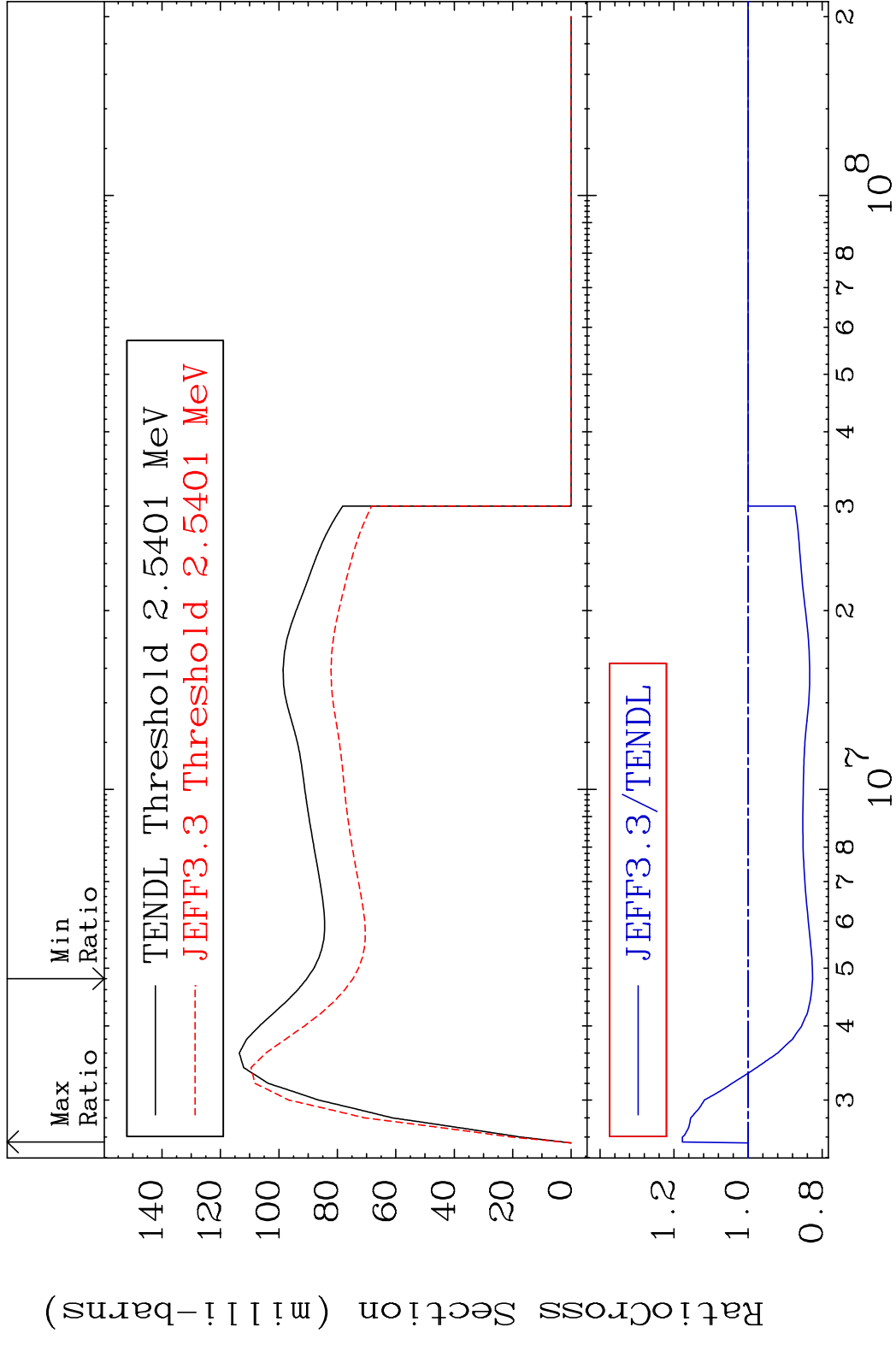
MAT 3231 MT= 60 (n,n') Level 32-Ge-72
 Cross Section -33.15 To 54.44 %



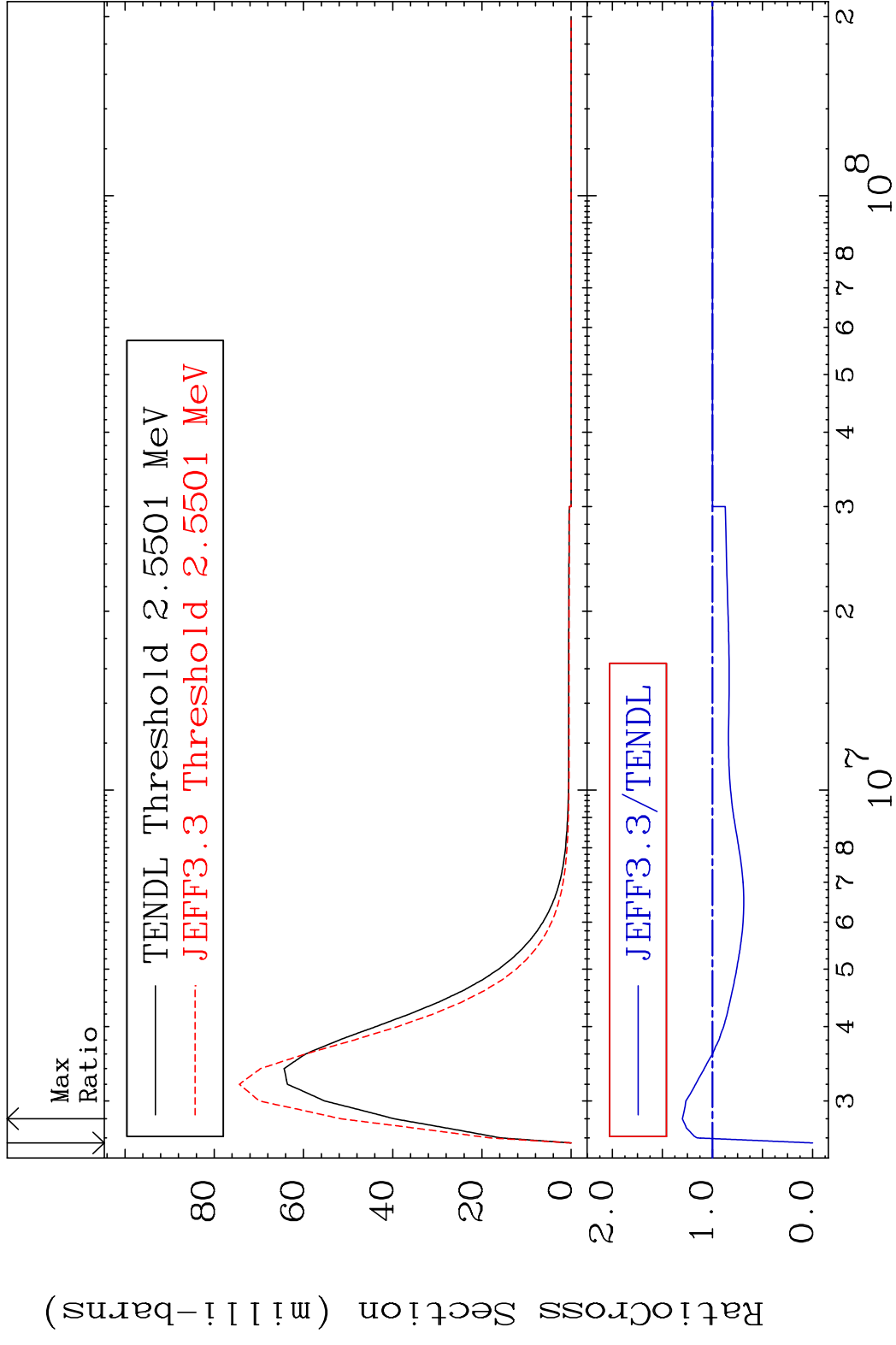
MAT 3231 MT= 61 (n, n') Level 32-Ge-72
 Cross Section -35.62 To 59.81 %



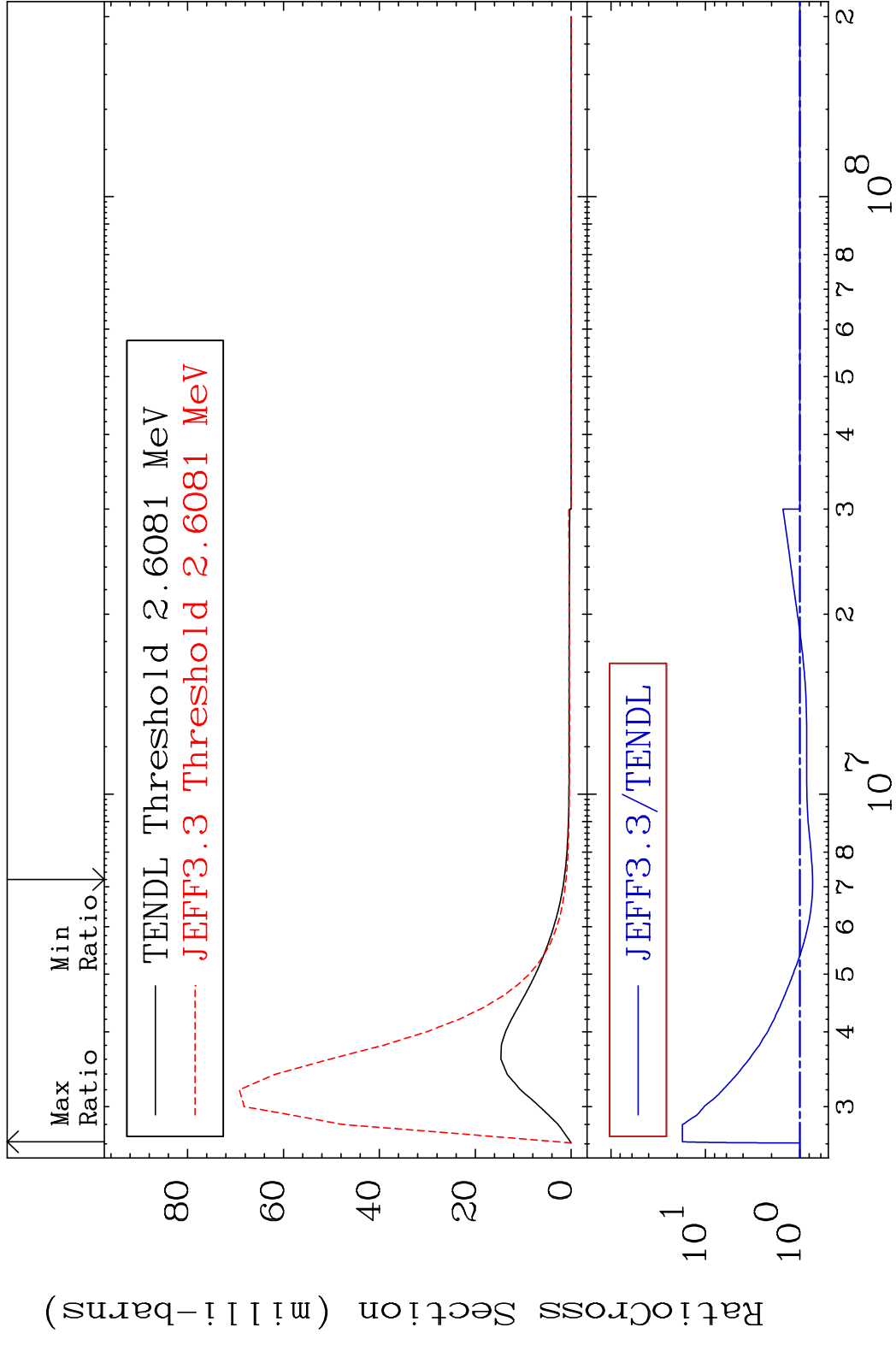
MAT 3231 MT= 62 (n, n') Level 32-Ge-72
 Cross Section -17.40 To 17.75 %



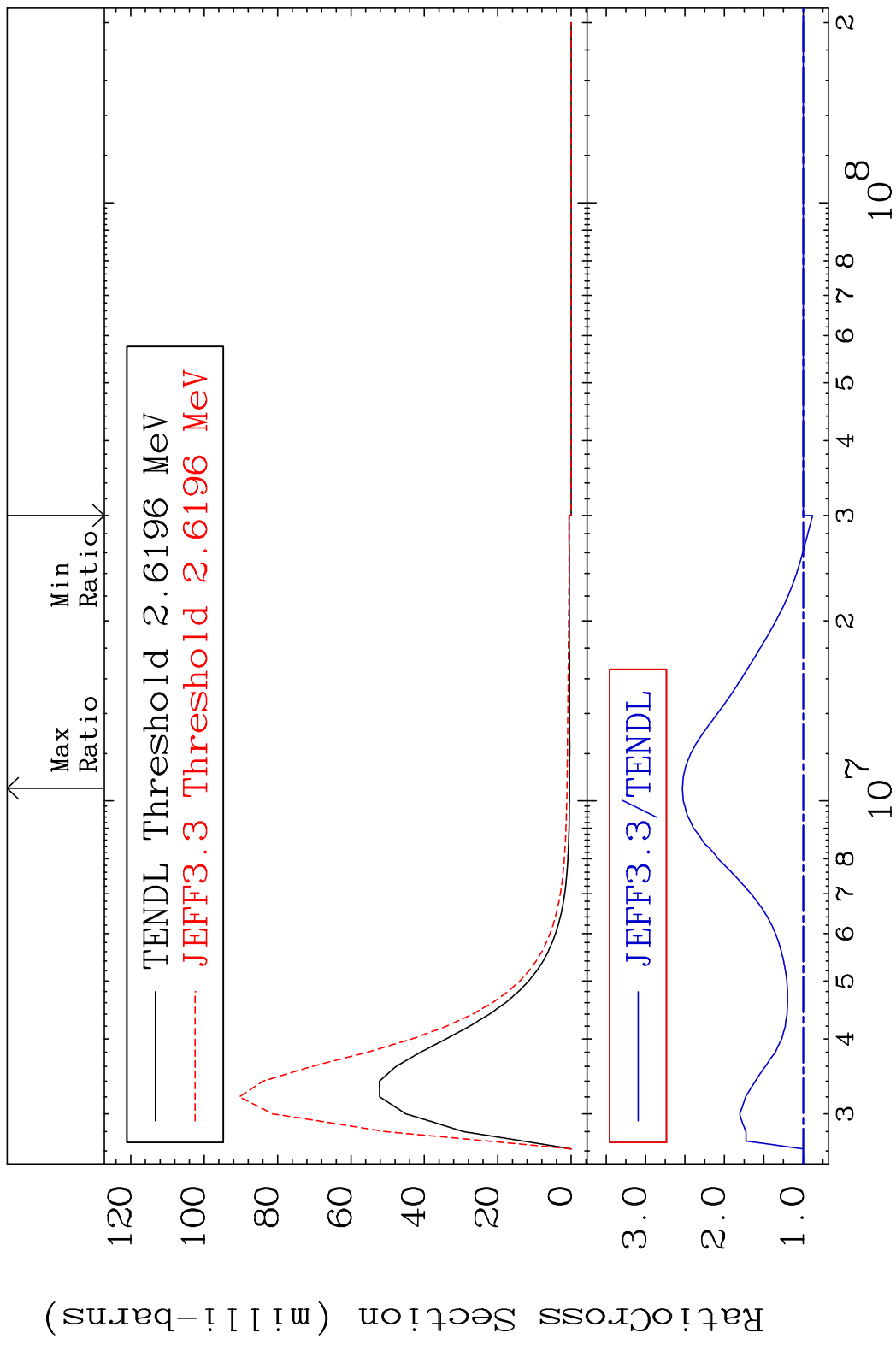
MAT 3231 MT= 63 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 30.09 %



MAT 3231 MT= 64 (n, n') Level 32-Ge-72
 Cross Section -26.50 To 1658. %

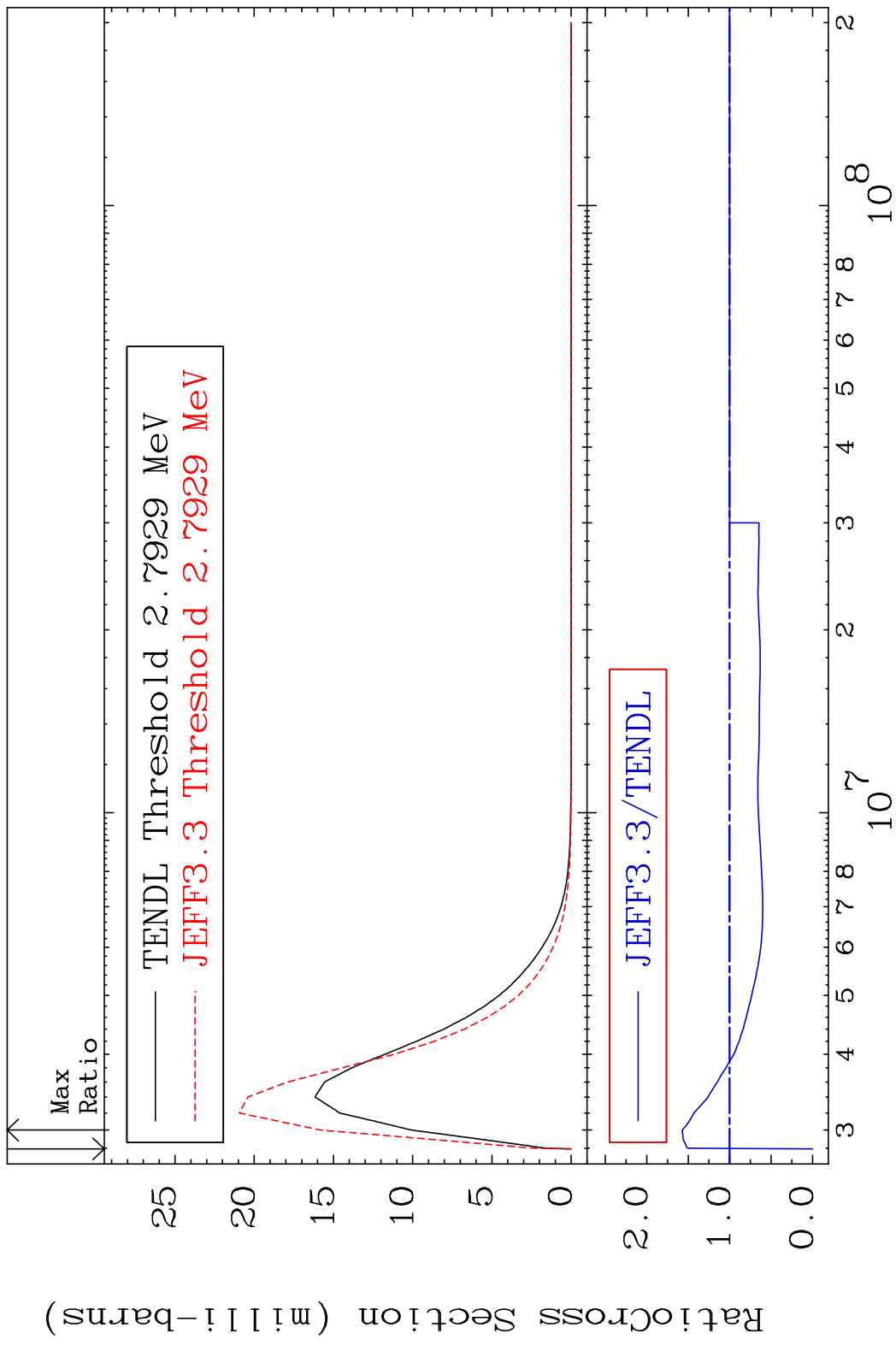


MAT 3231 MT= 65 (n, n') Level 32-Ge-72
 Cross Section -11.91 To 153.4 %

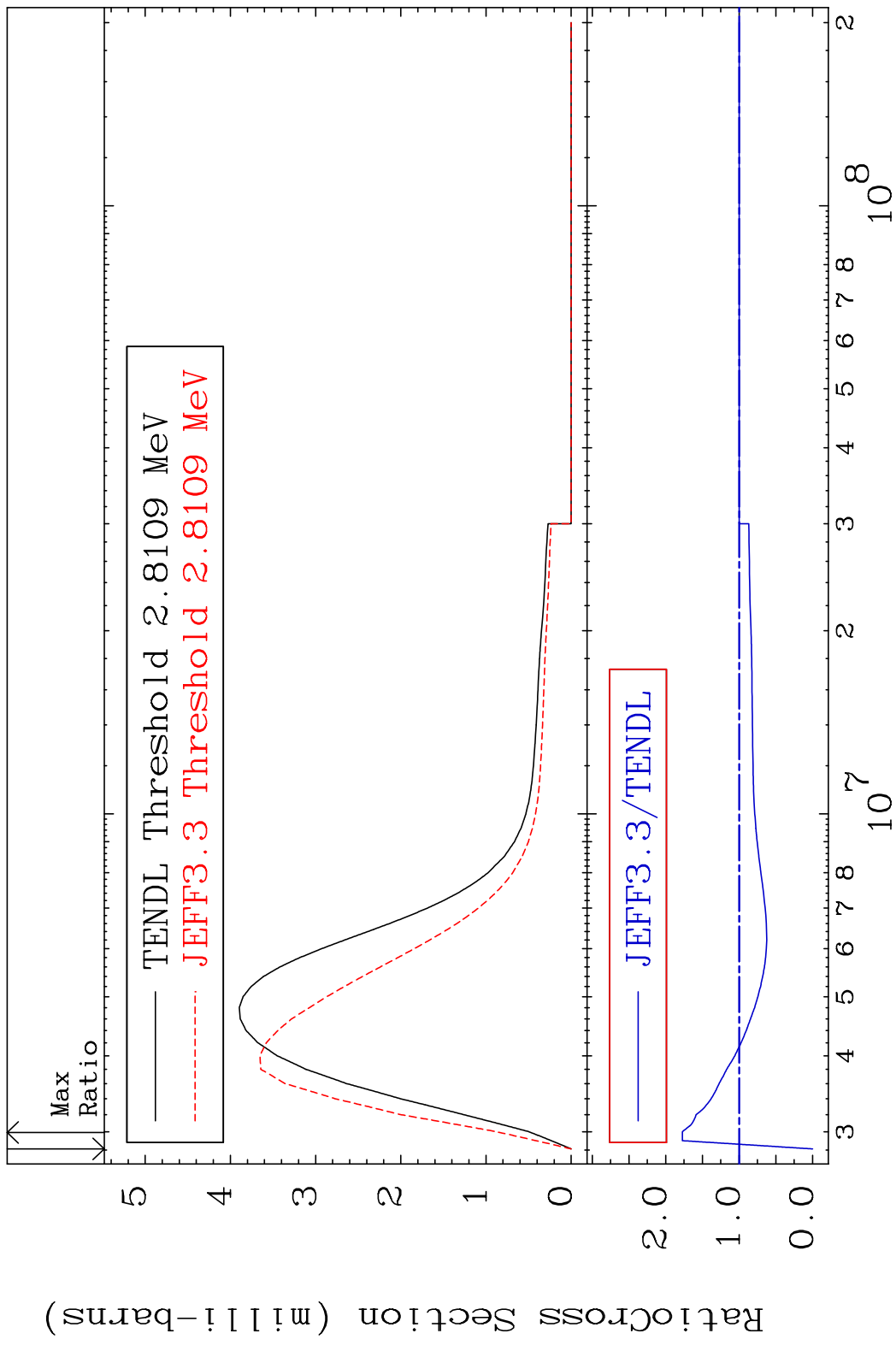


34 Incident Energy (eV) 32-Ge-72

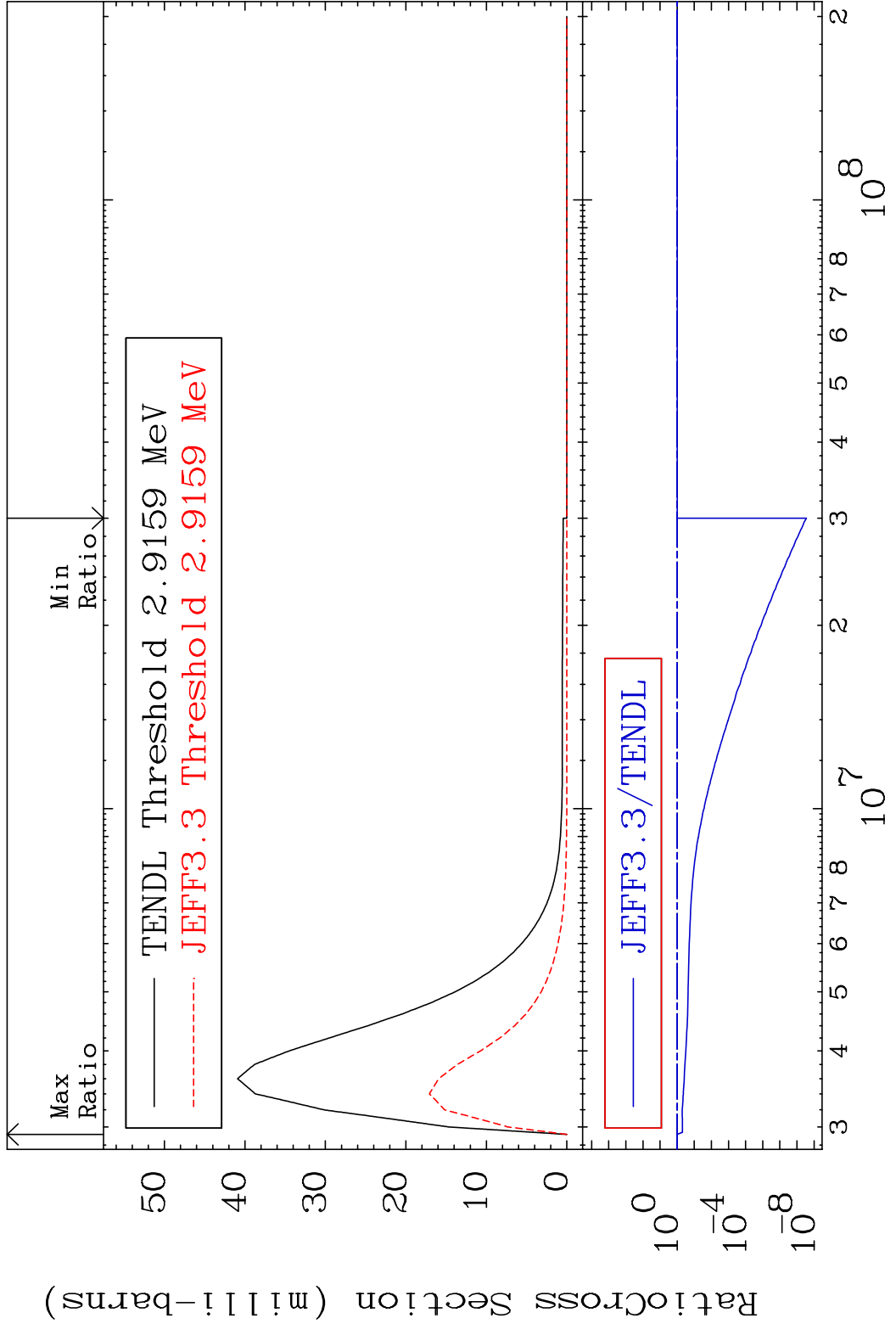
MAT 3231 MT= 66 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 57.07 %



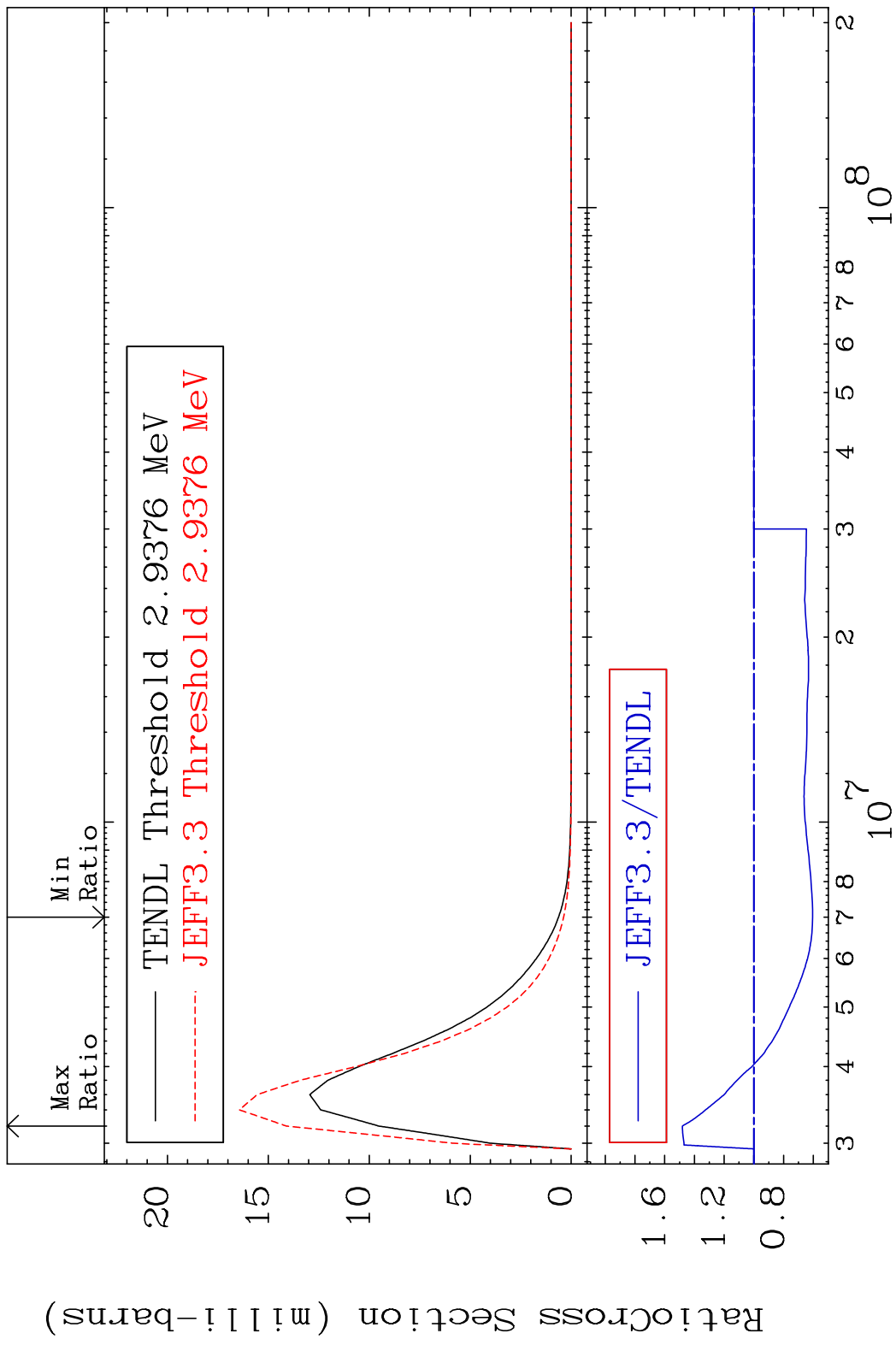
MAT 3231 MT= 67 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 77.27 %



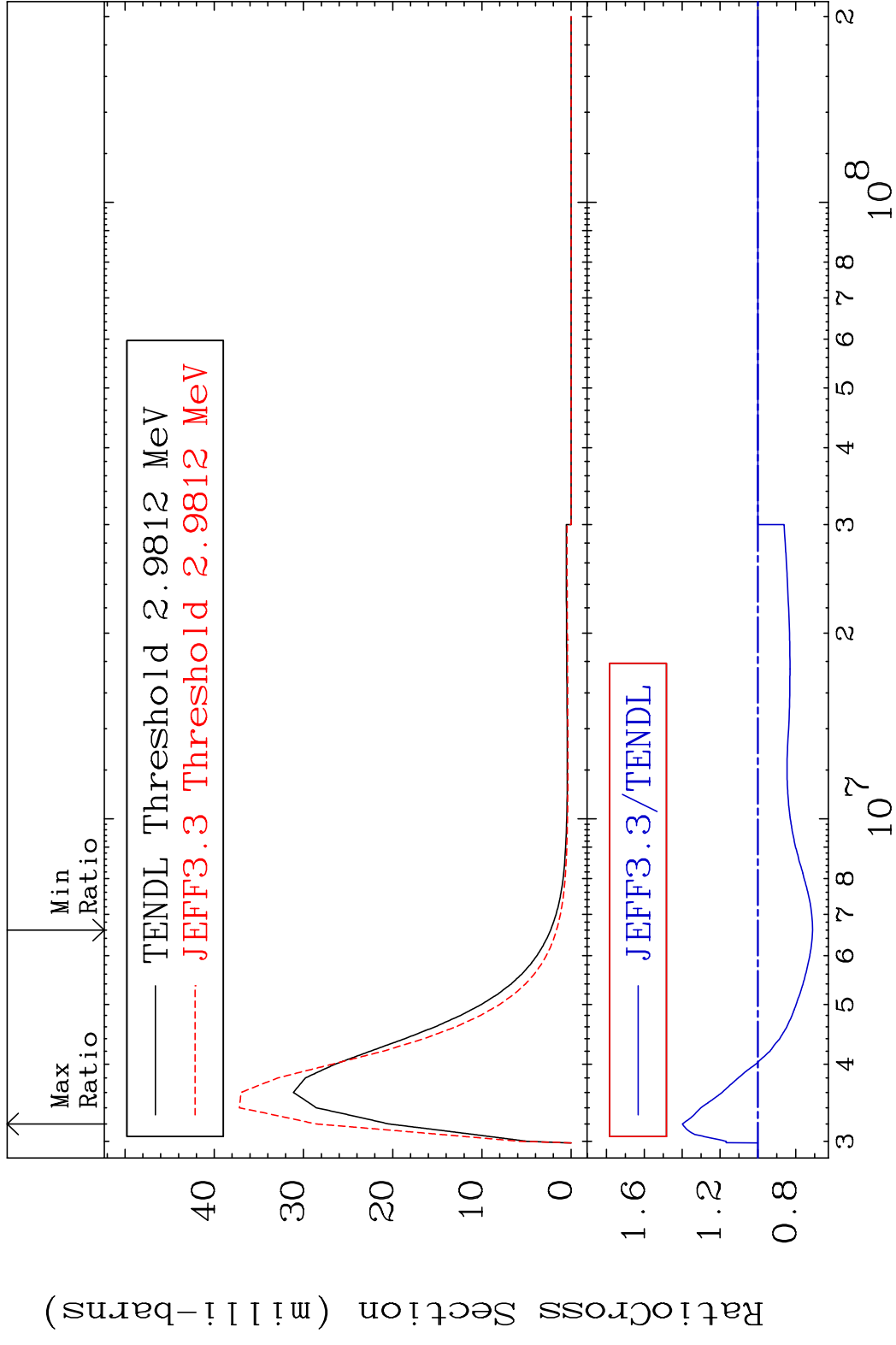
MAT 3231 MT= 68 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 0.000 %



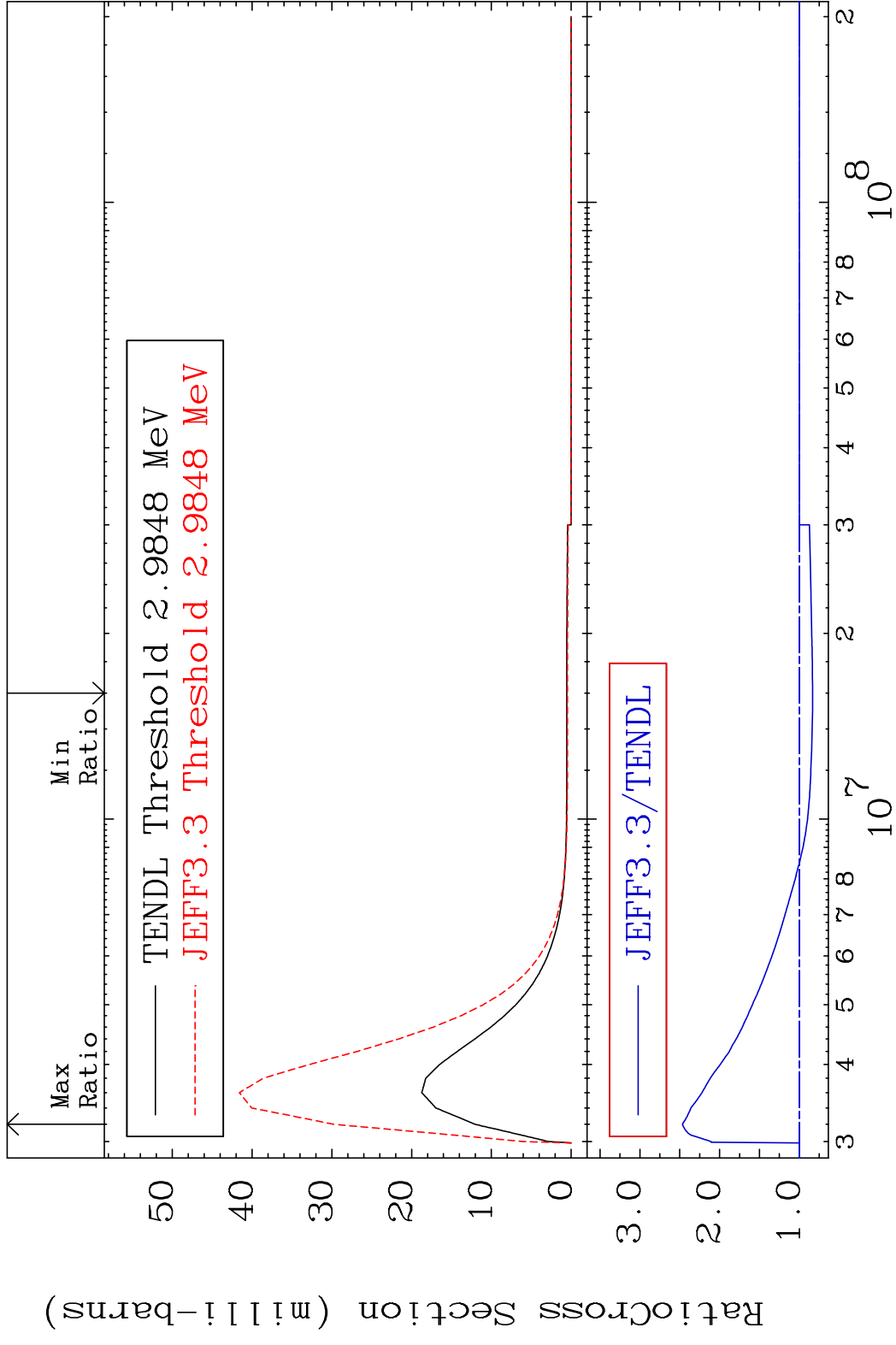
MAT 3231 MT= 69 (n, n') Level 32-Ge-72
 Cross Section -39.49 To 48.13 %



MAT 3231 MT= 70 (n,n') Level 32-Ge-72
 Cross Section -28.93 To 39.87 %

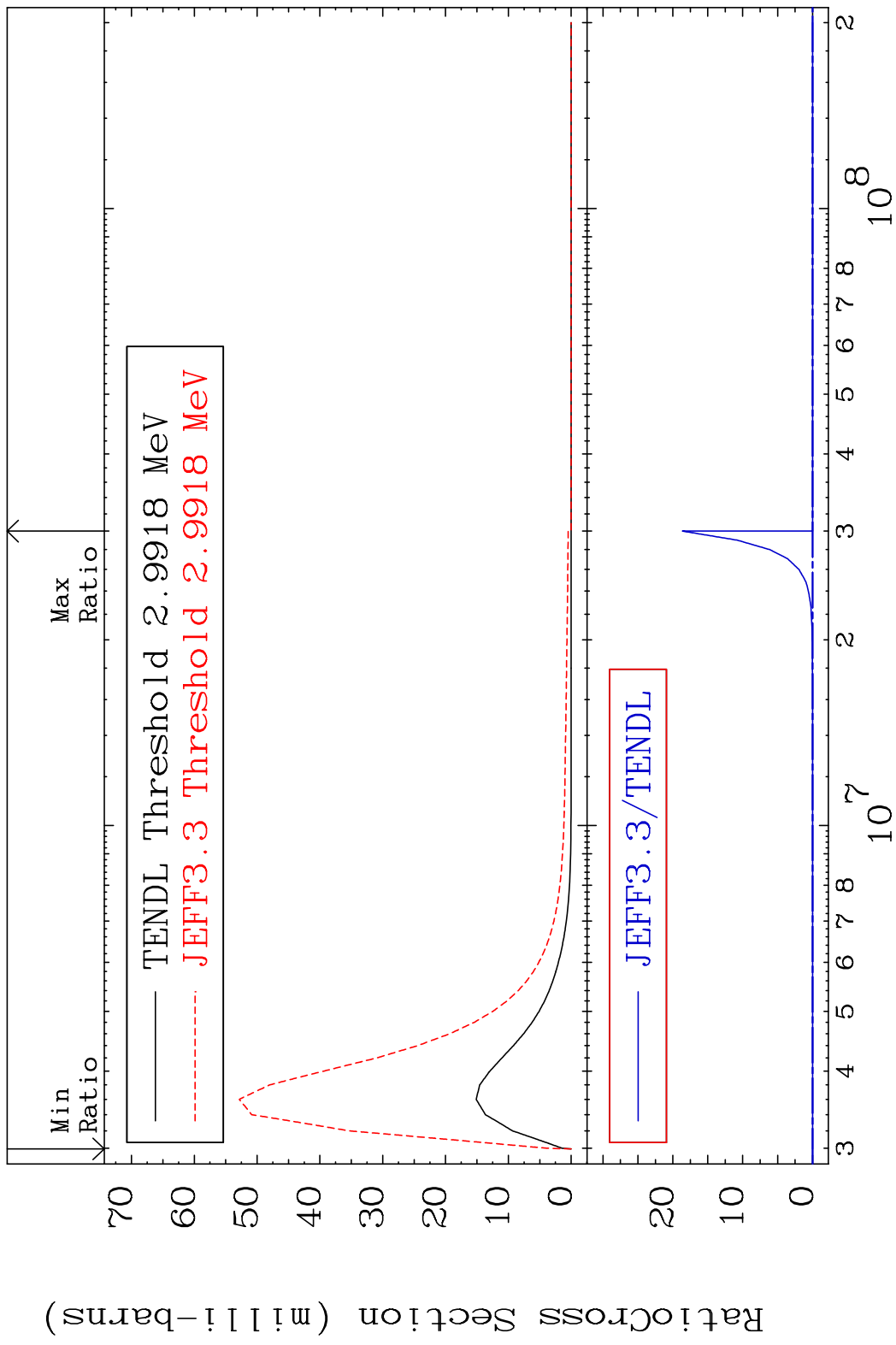


MAT 3231 MT= 71 (n, n') Level 32-Ge-72
 Cross Section -16.63 To 146.7 %

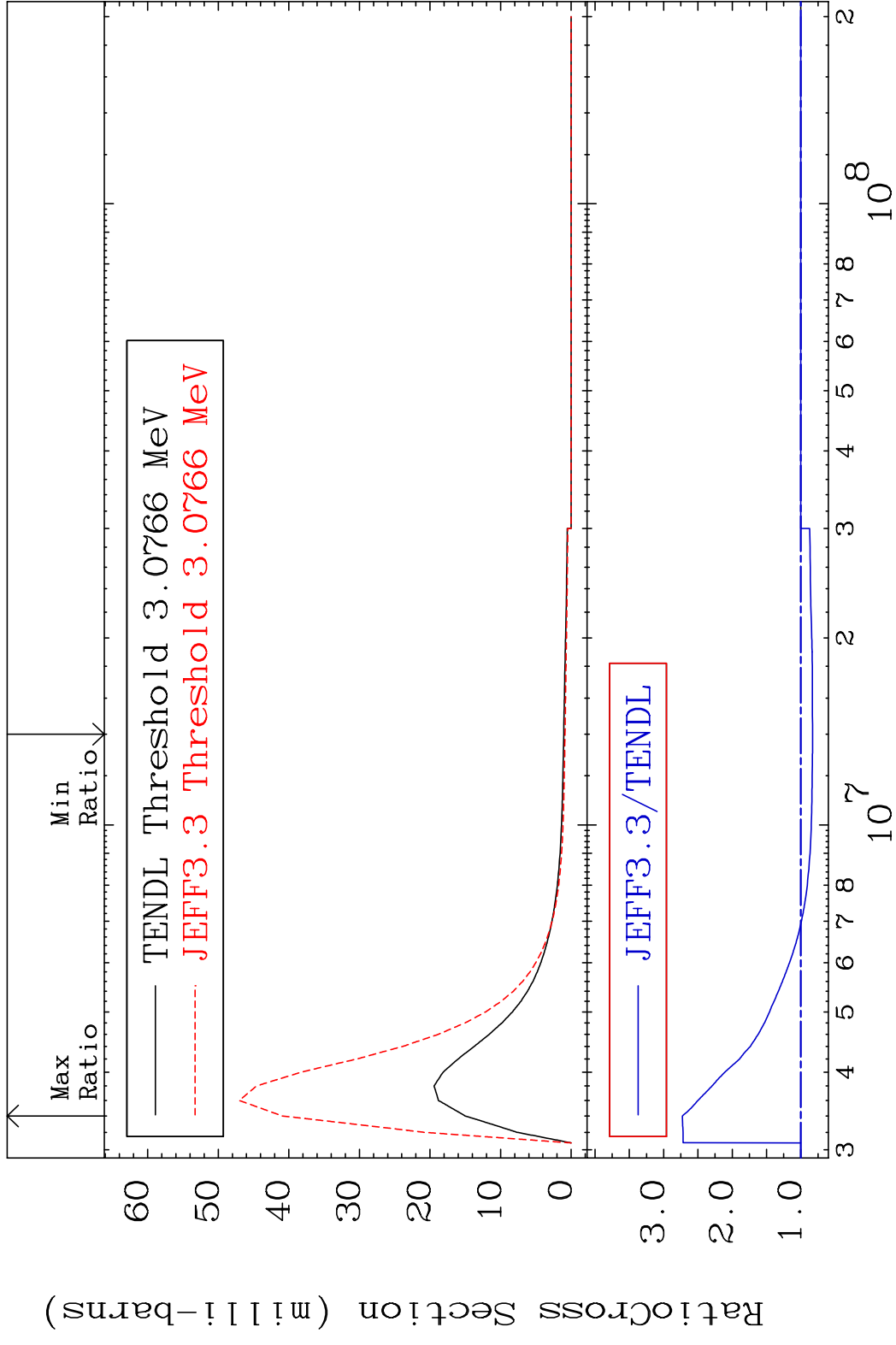


40 Incident Energy (eV) 32-Ge-72

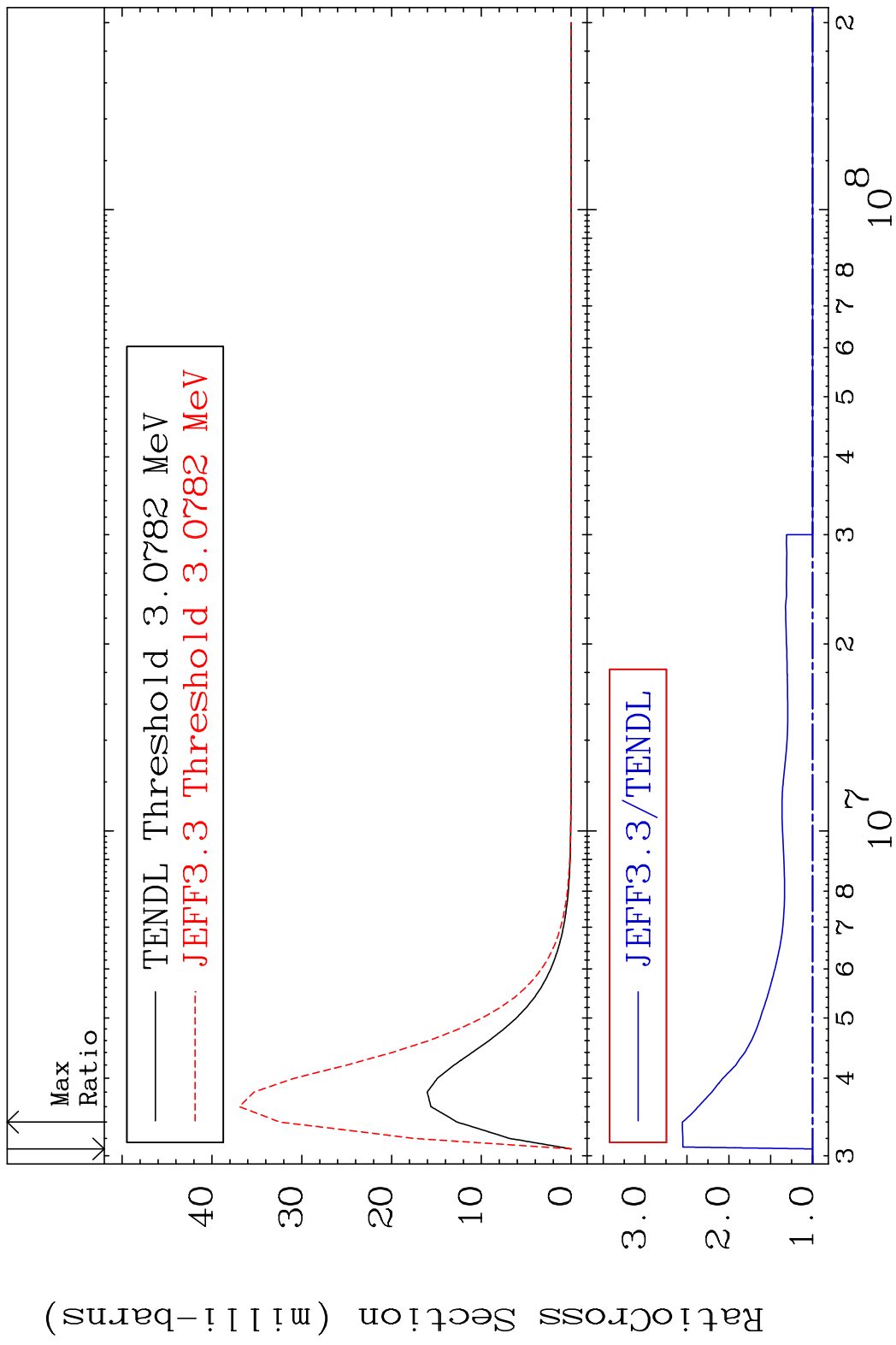
MAT 3231 MT= 72 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 9999. %



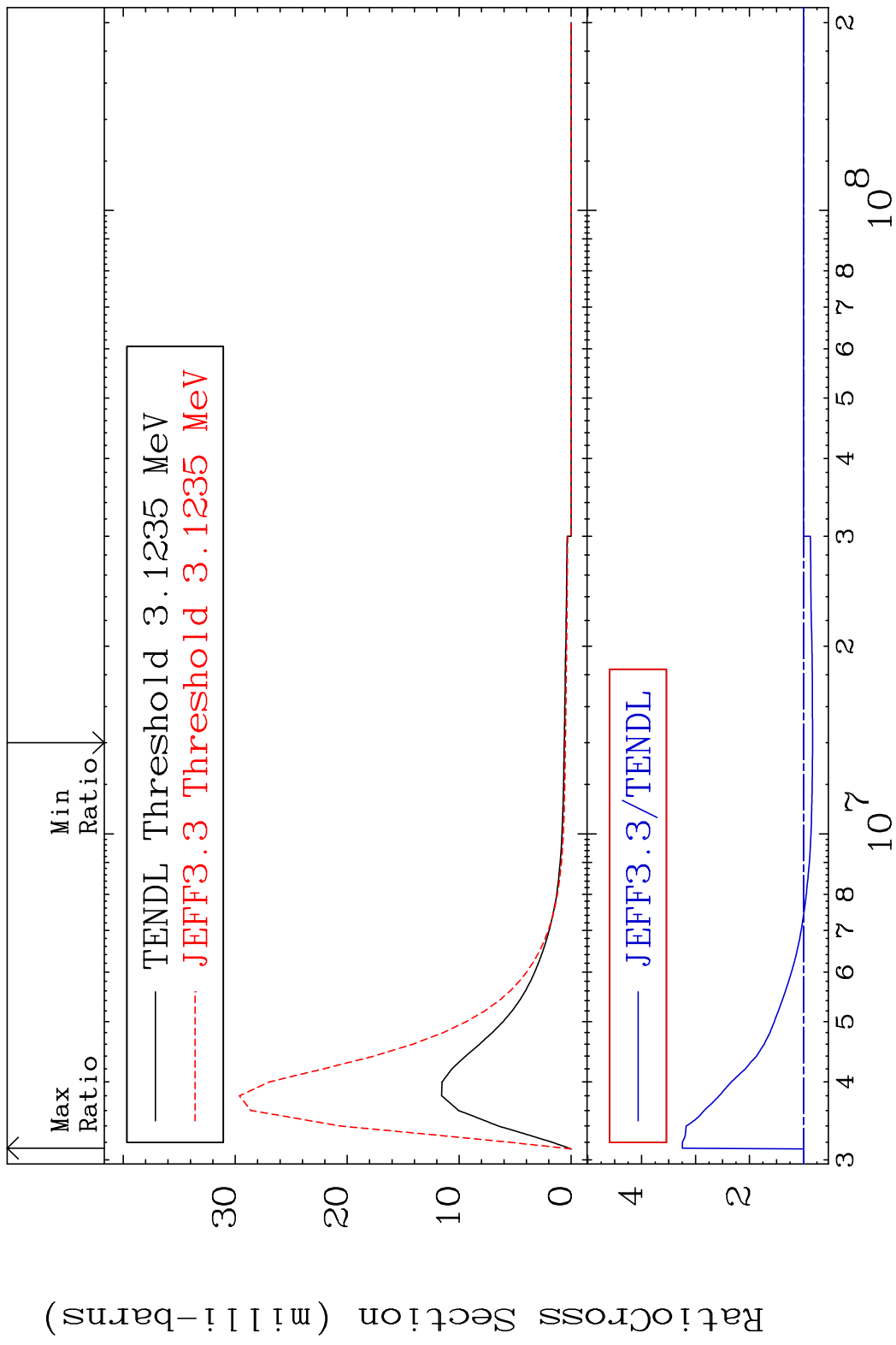
MAT 3231 MT= 73 (n, n') Level 32-Ge-72
 Cross Section -17.08 To 172.7 %



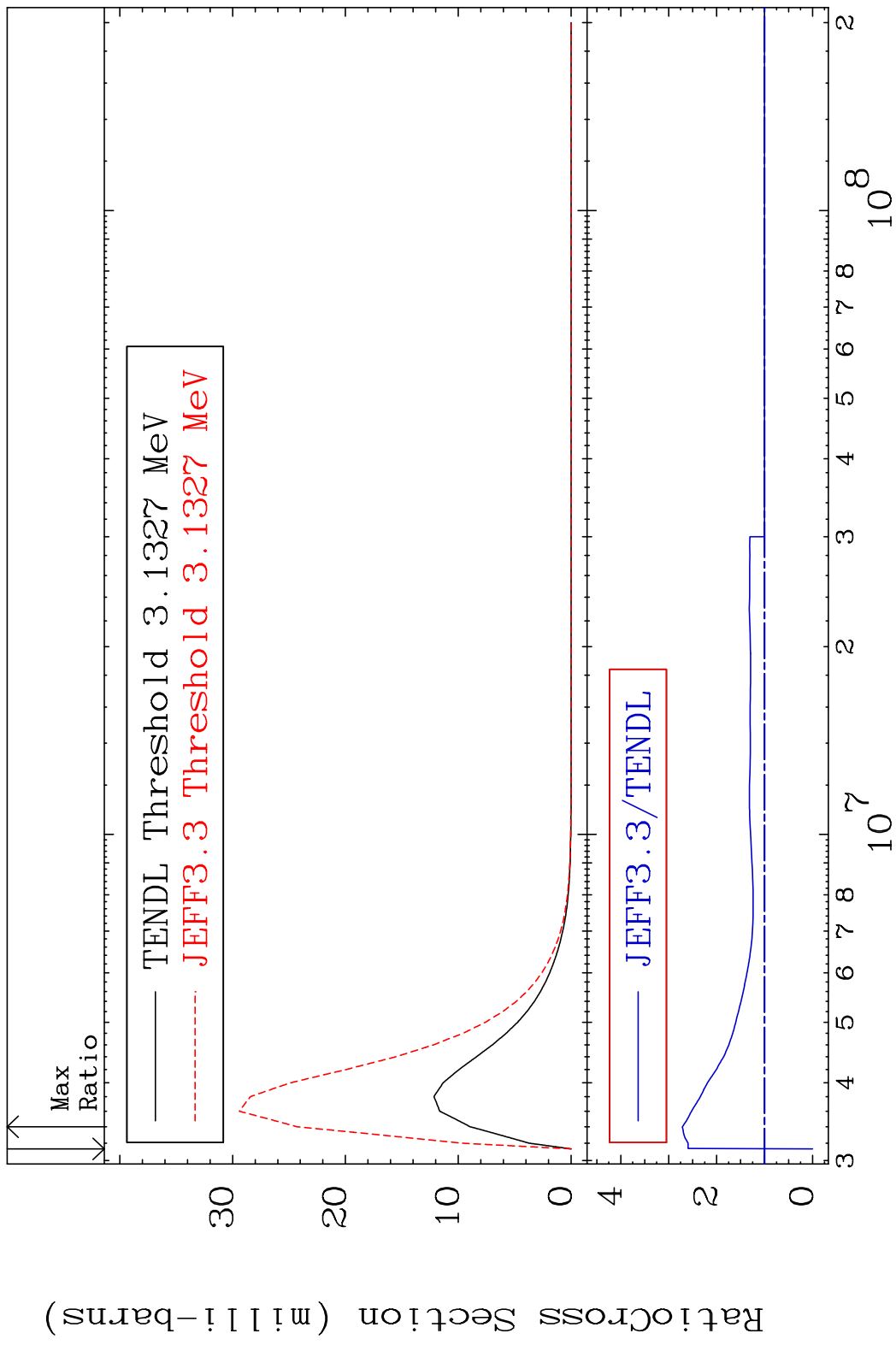
MAT 3231 MT= 74 (n, n') Level 32-Ge-72
 Cross Section 0.000 To 155.5 %



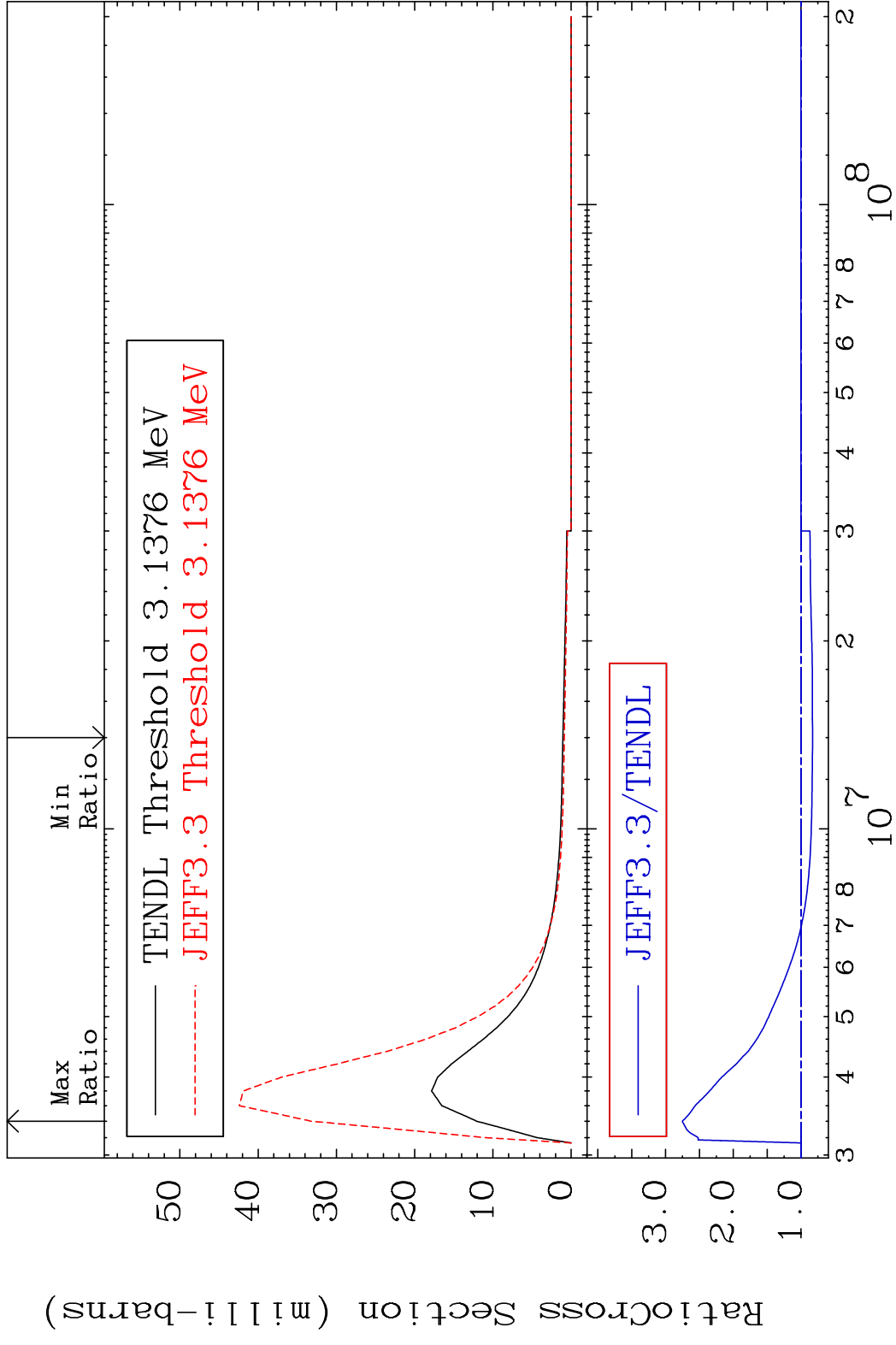
MAT 3231 MT= 75 (n,n') Level 32-Ge-72
 Cross Section -16.94 To 224.5 %



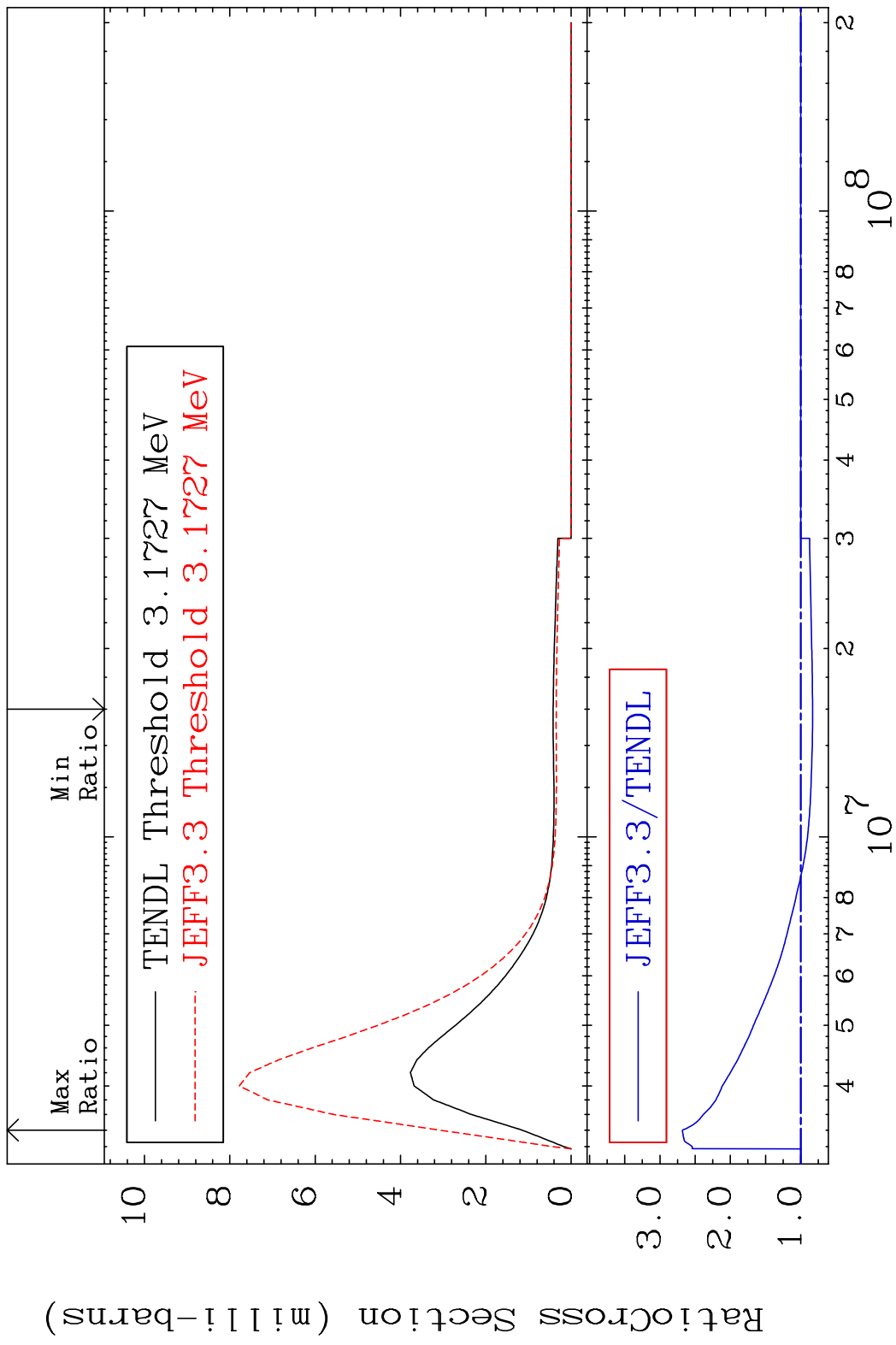
MAT 3231 MT= 76 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 171.5 %



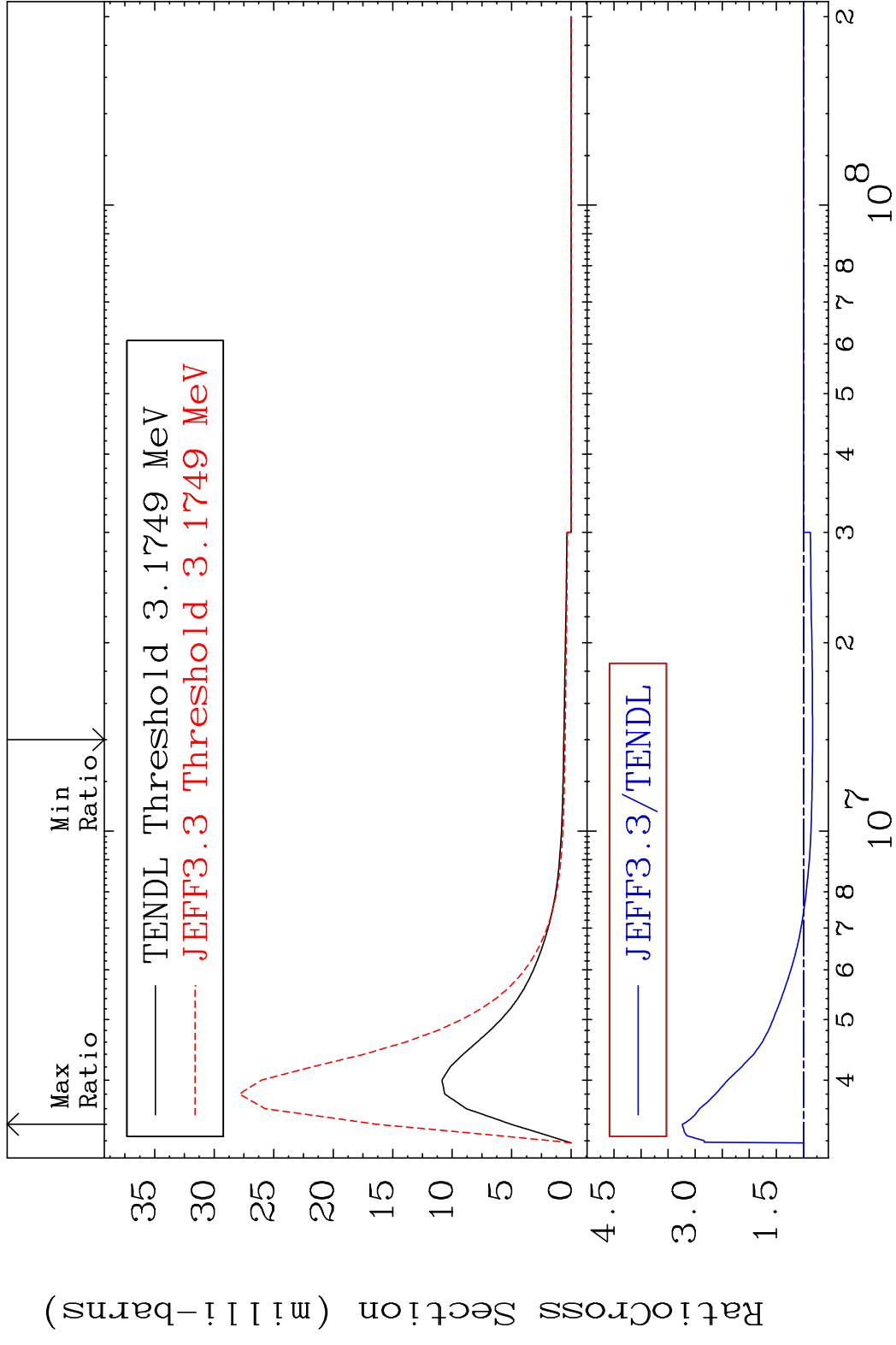
MAT 3231 MT= 77 (n, n') Level 32-Ge-72
 Cross Section -17.05 To 175.2 %



MAT 3231 MT= 78 (n,n') Level 32-Ge-72
 Cross Section -16.80 To 168.1 %



MAT 3231 MT= 79 (n, n') Level 32-Ge-72
 Cross Section -16.93 To 223.6 %

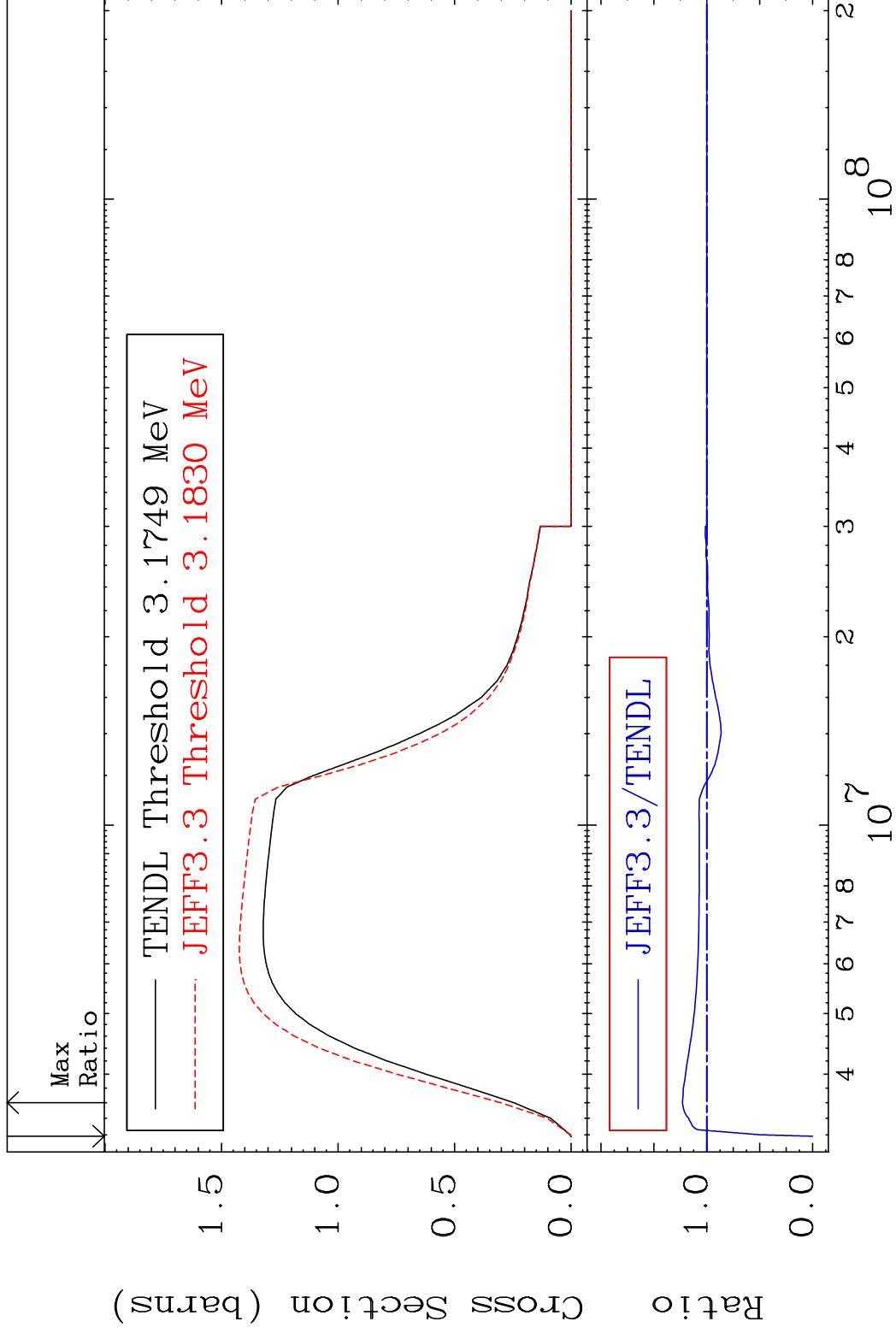


MAT 3231

(n, n') Continuum

³²Ge-72

Cross Section -100.0 To 23.03 %

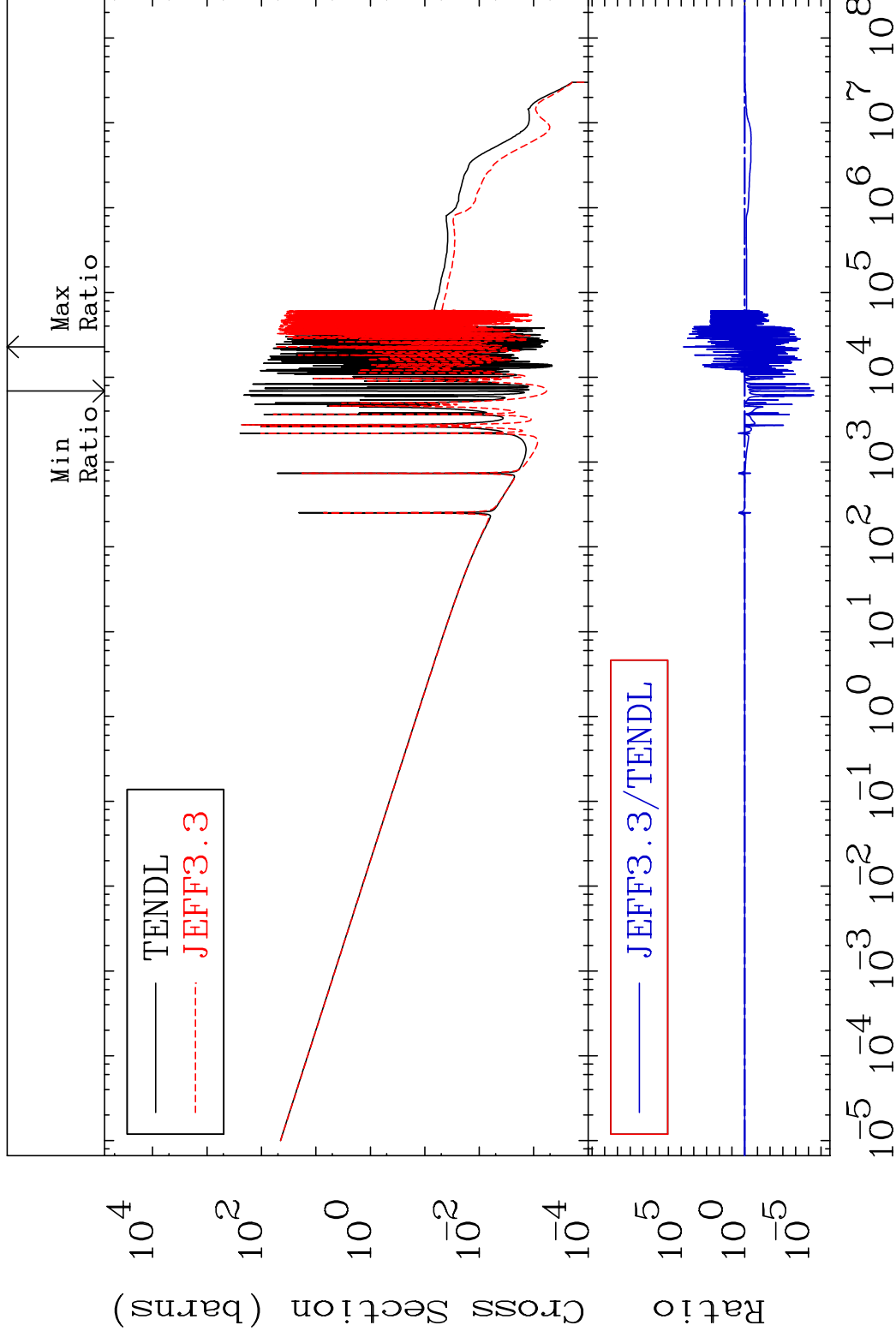


MAT 3231

(n, γ)

32-Ge-72

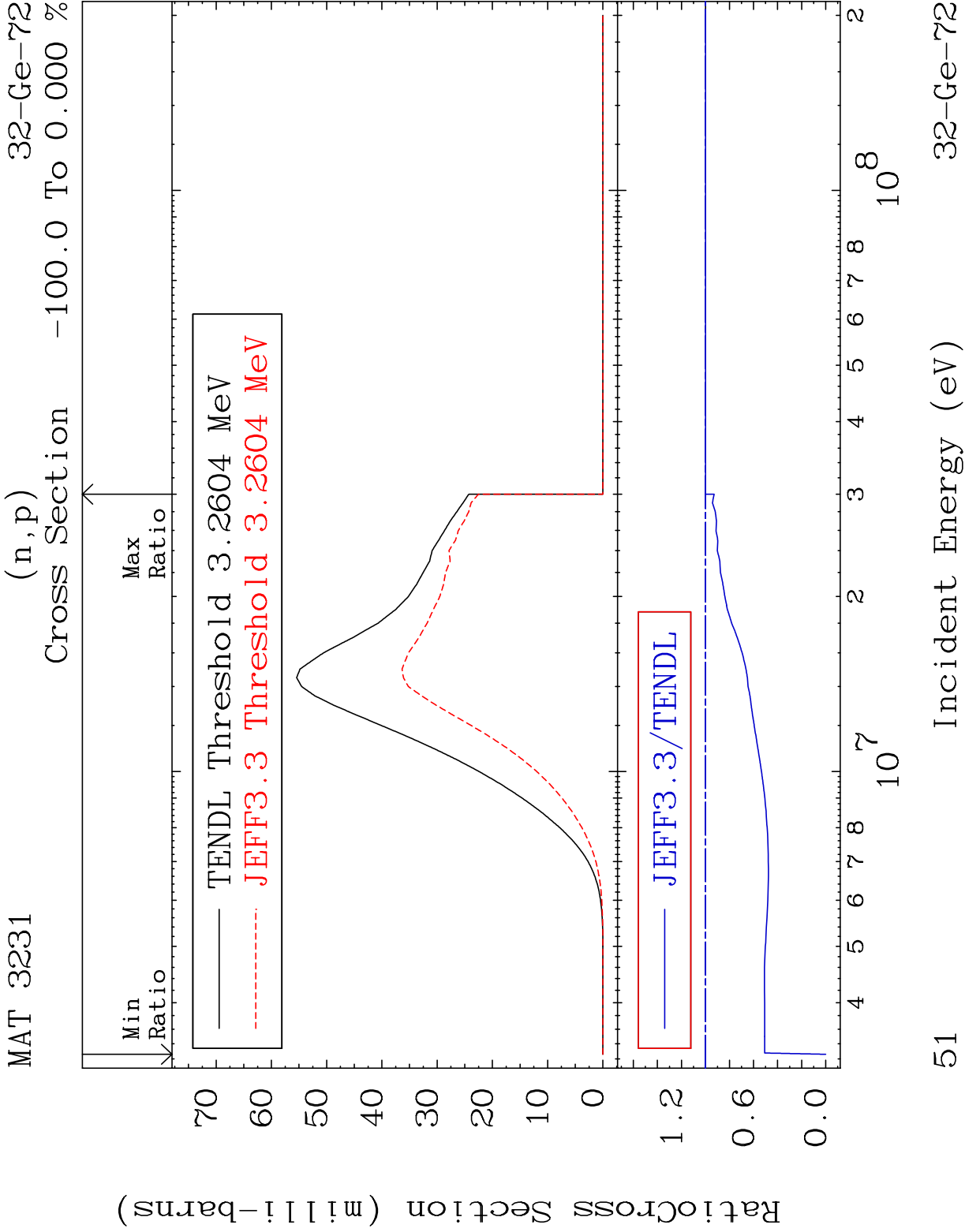
Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

32-Ge-72

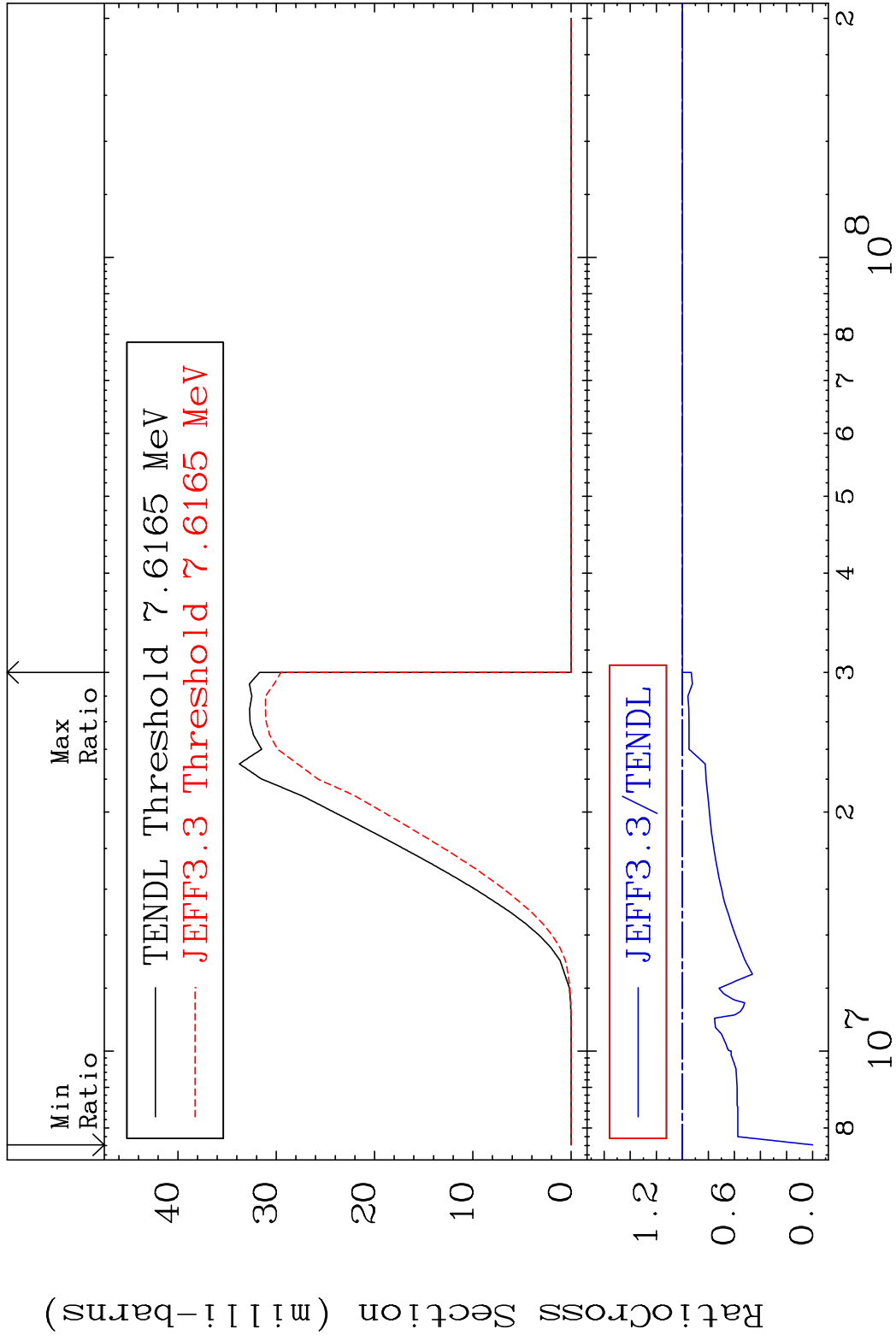


MAT 3231

(n, d)

³²Ge-72

Cross Section -100.0 To 0.000 %



52

Incident Energy (eV)

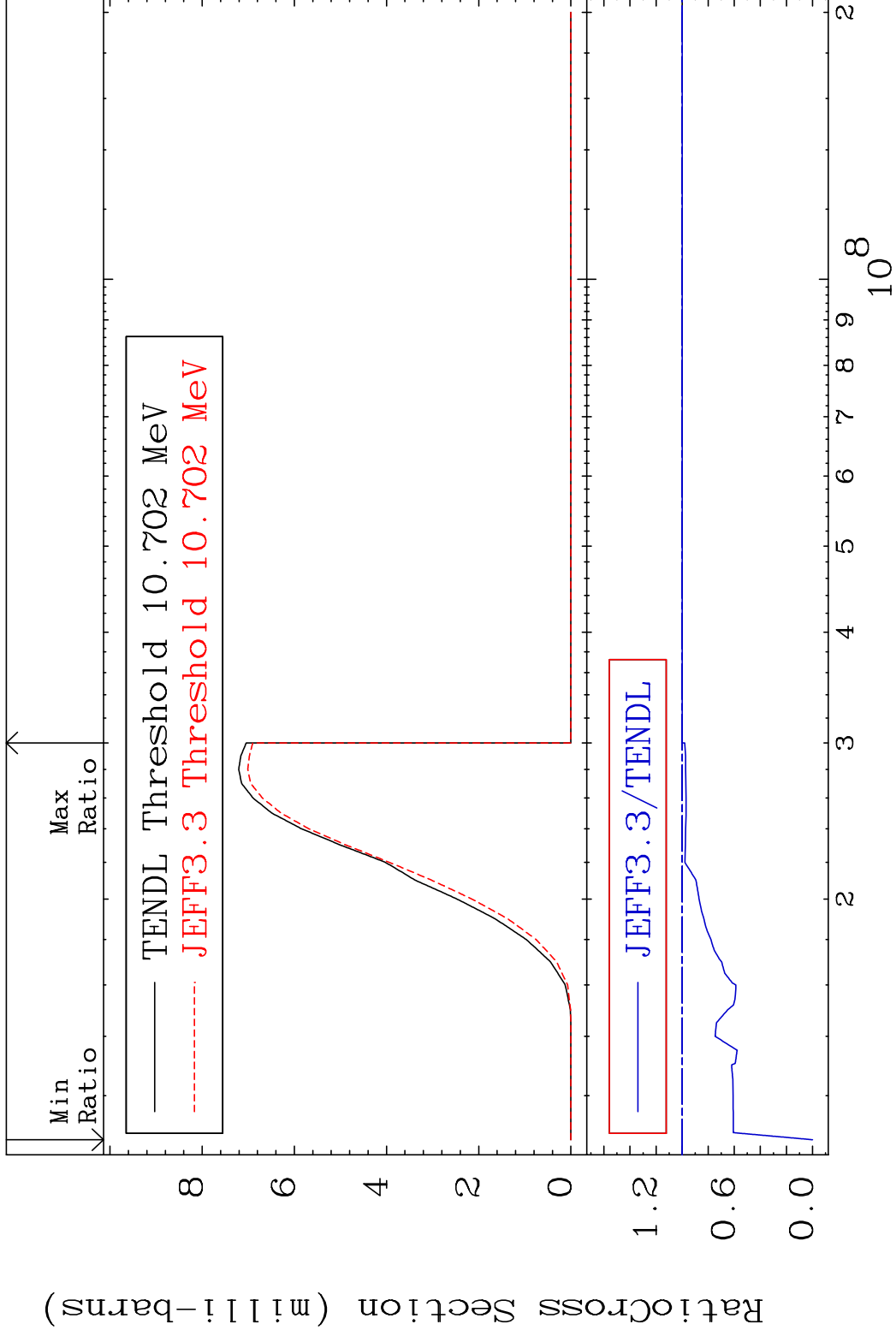
³²Ge-72

MAT 3231

(n, t)

32-Ge-72

Cross Section -100.0 To 0.000 %

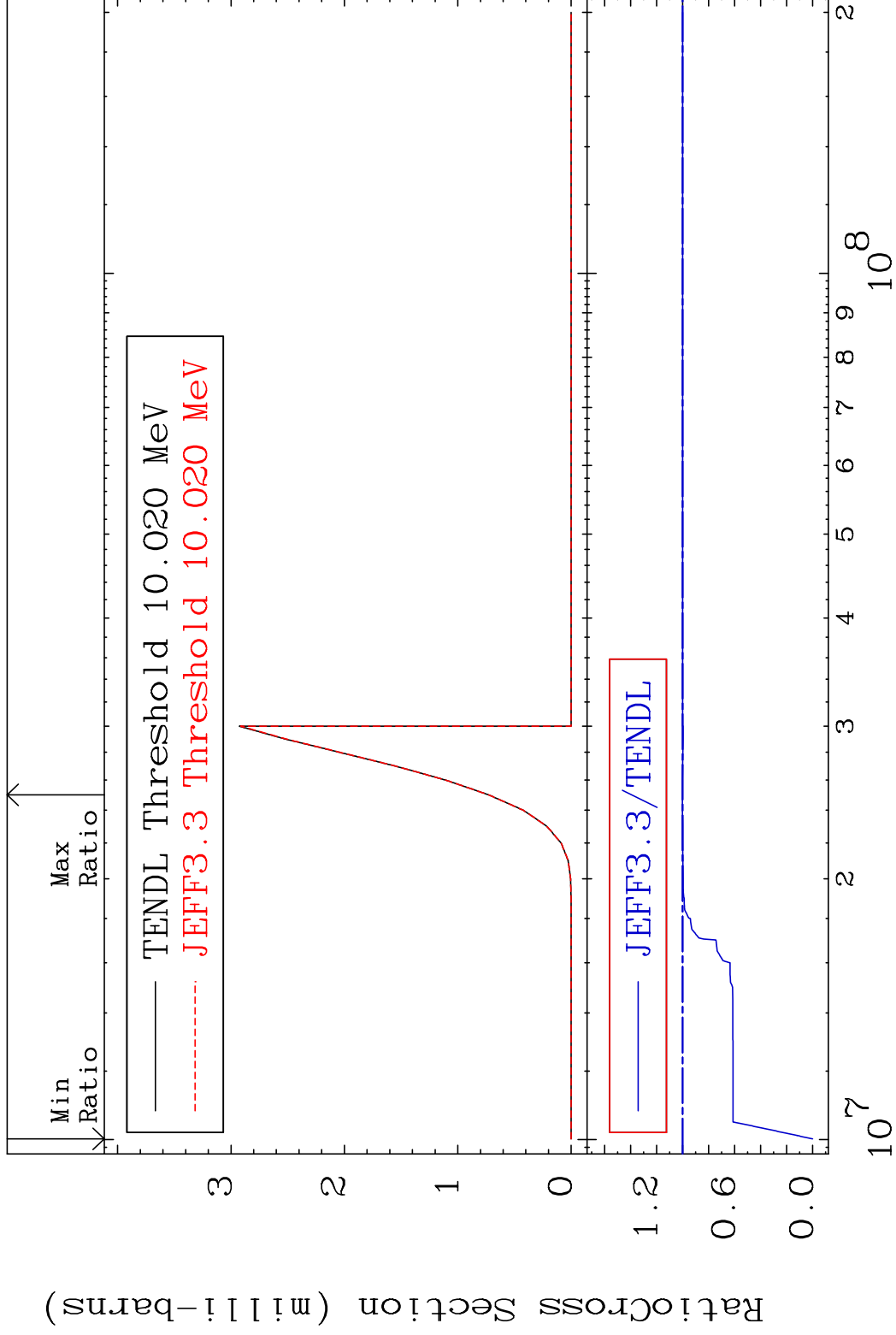


MAT 3231

(n, He-3)

32-Ge-72

Cross Section -100.0 To 0.170 %



54

Incident Energy (eV)

32-Ge-72

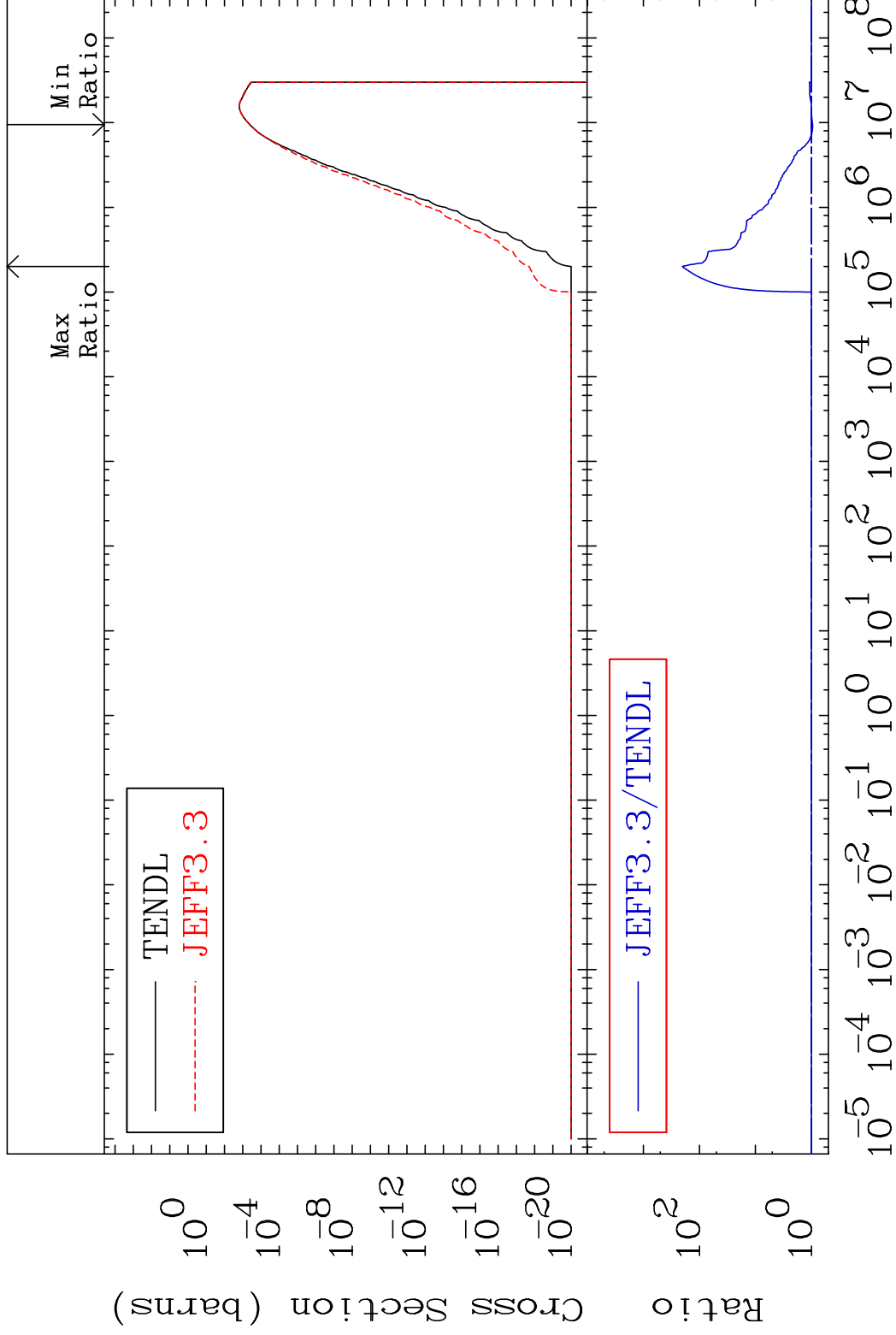
MAT 3231

(n, α)

32-Ge-72

Cross Section

-4.515 To 9999. %



55

Incident Energy (eV)

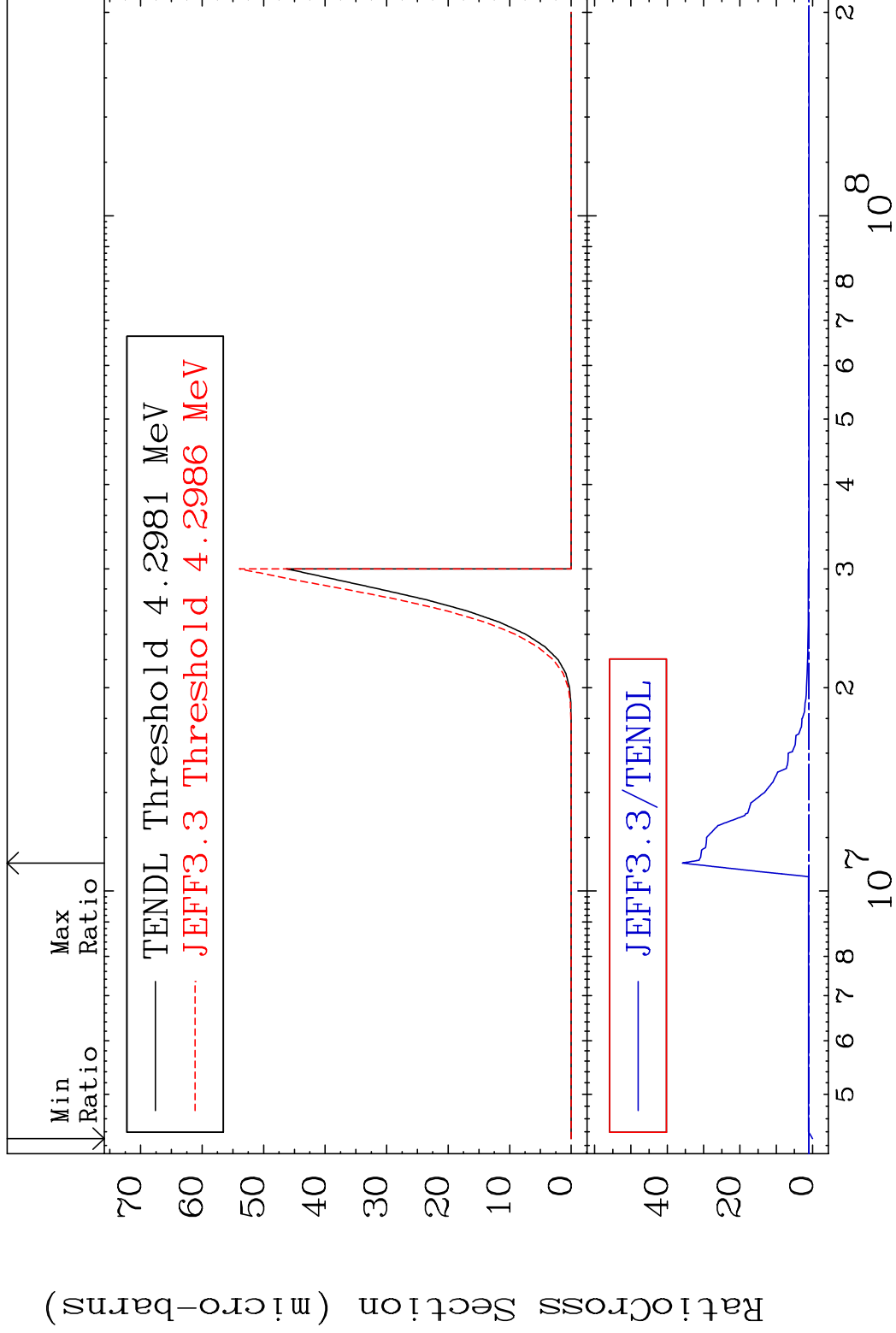
32-Ge-72

MAT 3231

(n,2α)

32-Ge-72

Cross Section -100.0 To 3485. %



56

Incident Energy (eV)

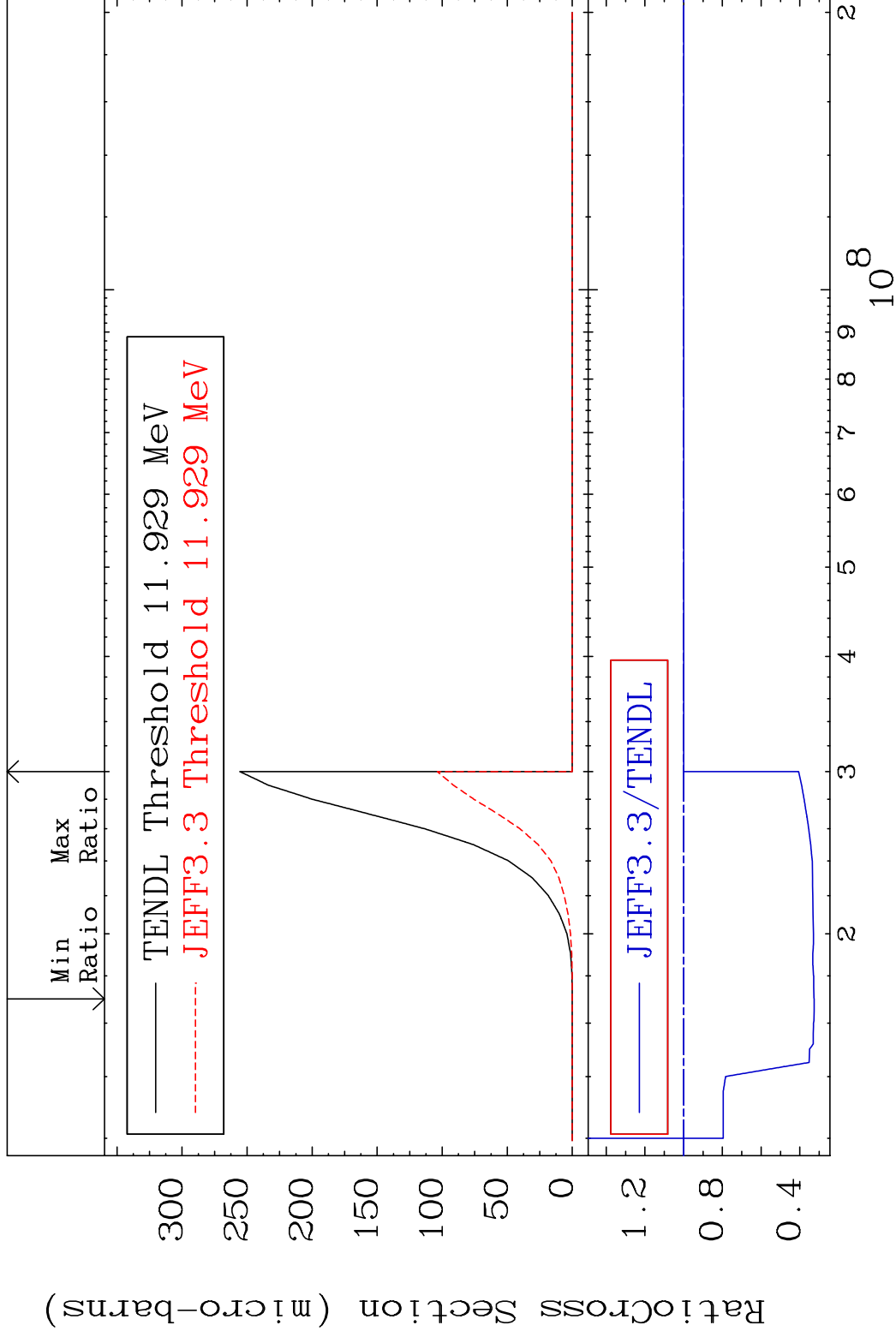
32-Ge-72

MAT 3231

(n,2p)

32-Ge-72

Cross Section -67.35 To 0.000 %

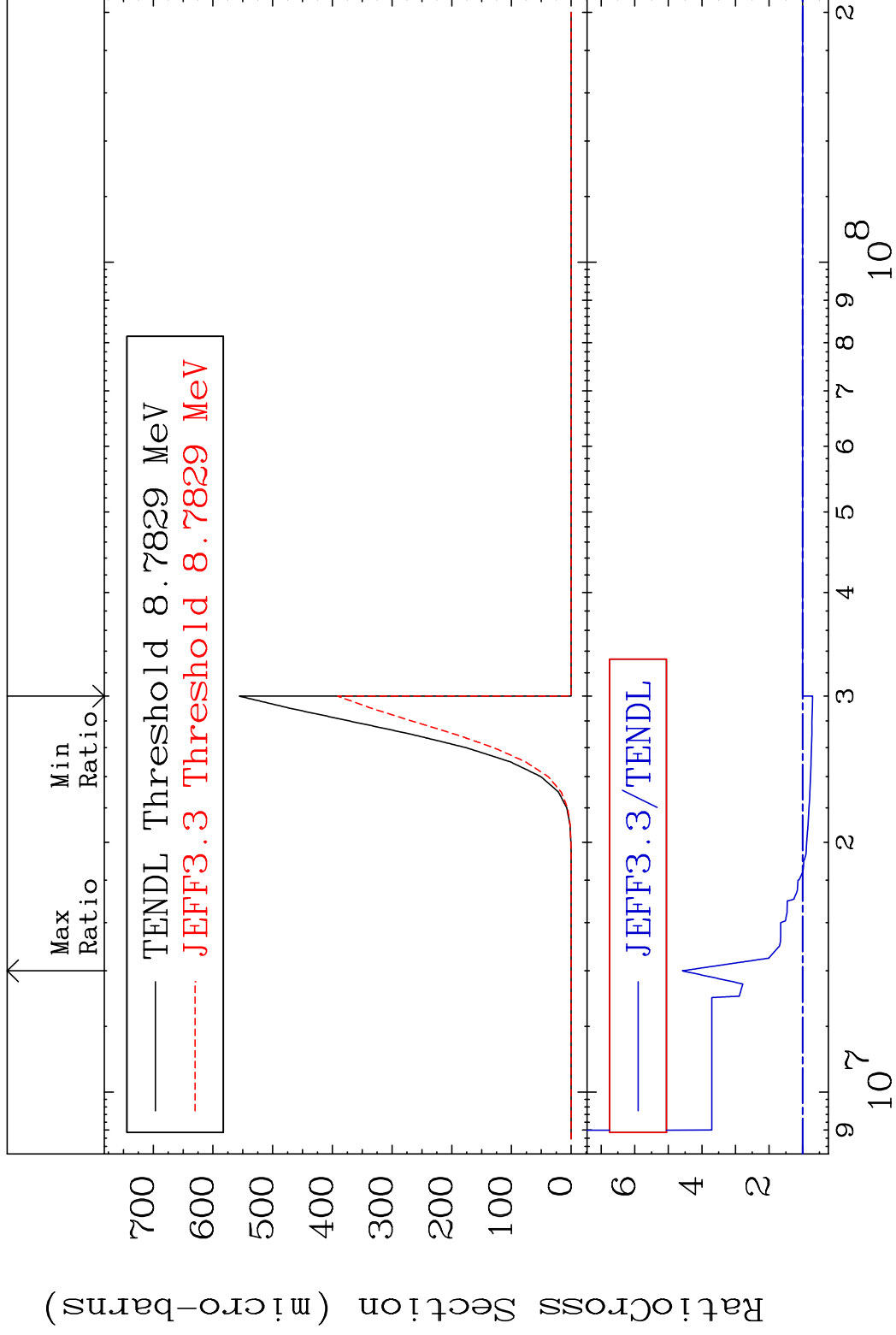


MAT 3231

(n,p) α

32-Ge-72

Cross Section -29.62 To 358.2 %

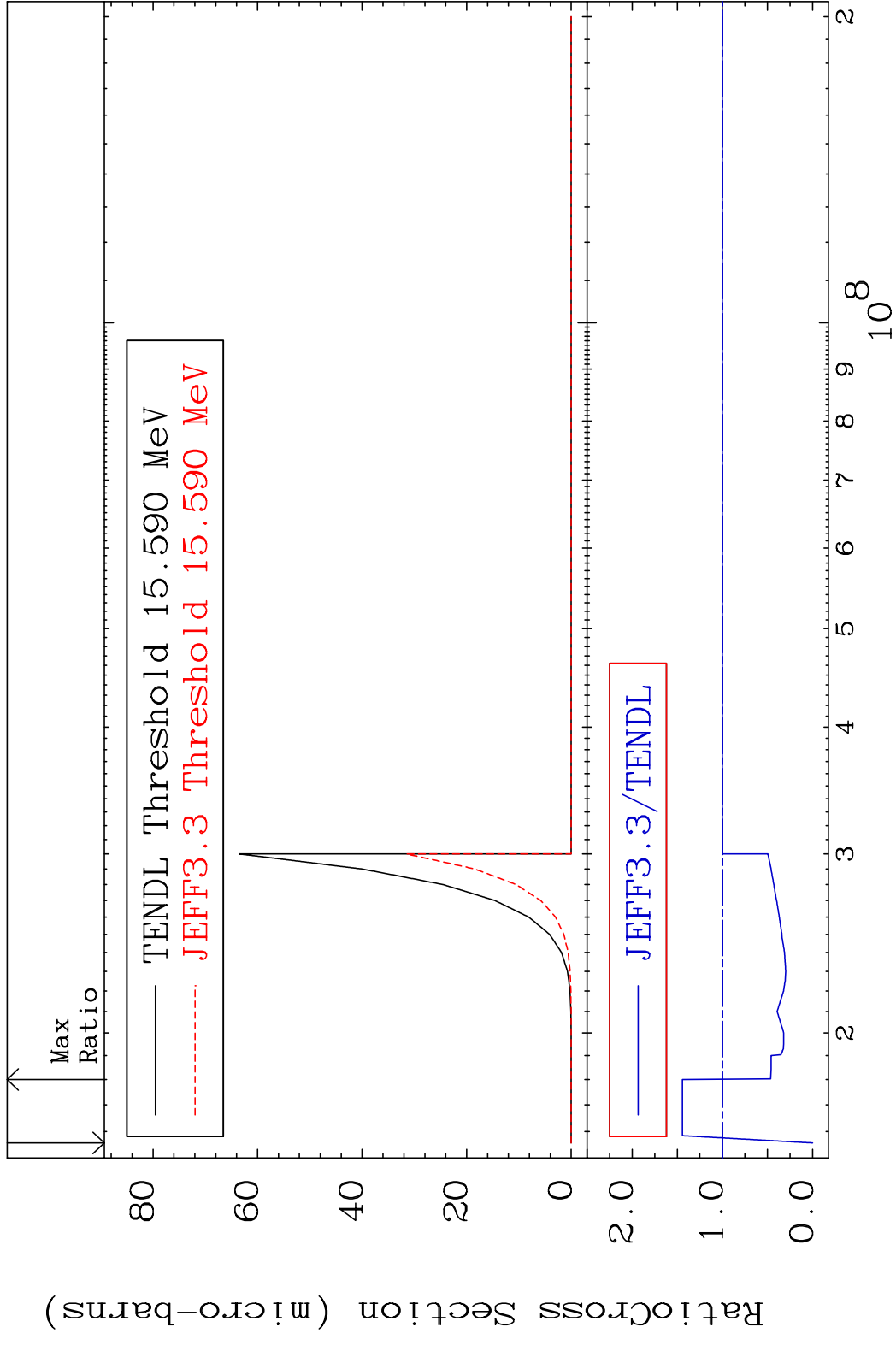


58

Incident Energy (eV)

32-Ge-72

MAT 3231 (n,p) d 32-Ge-72
 Cross Section -100.0 To 44.35 %

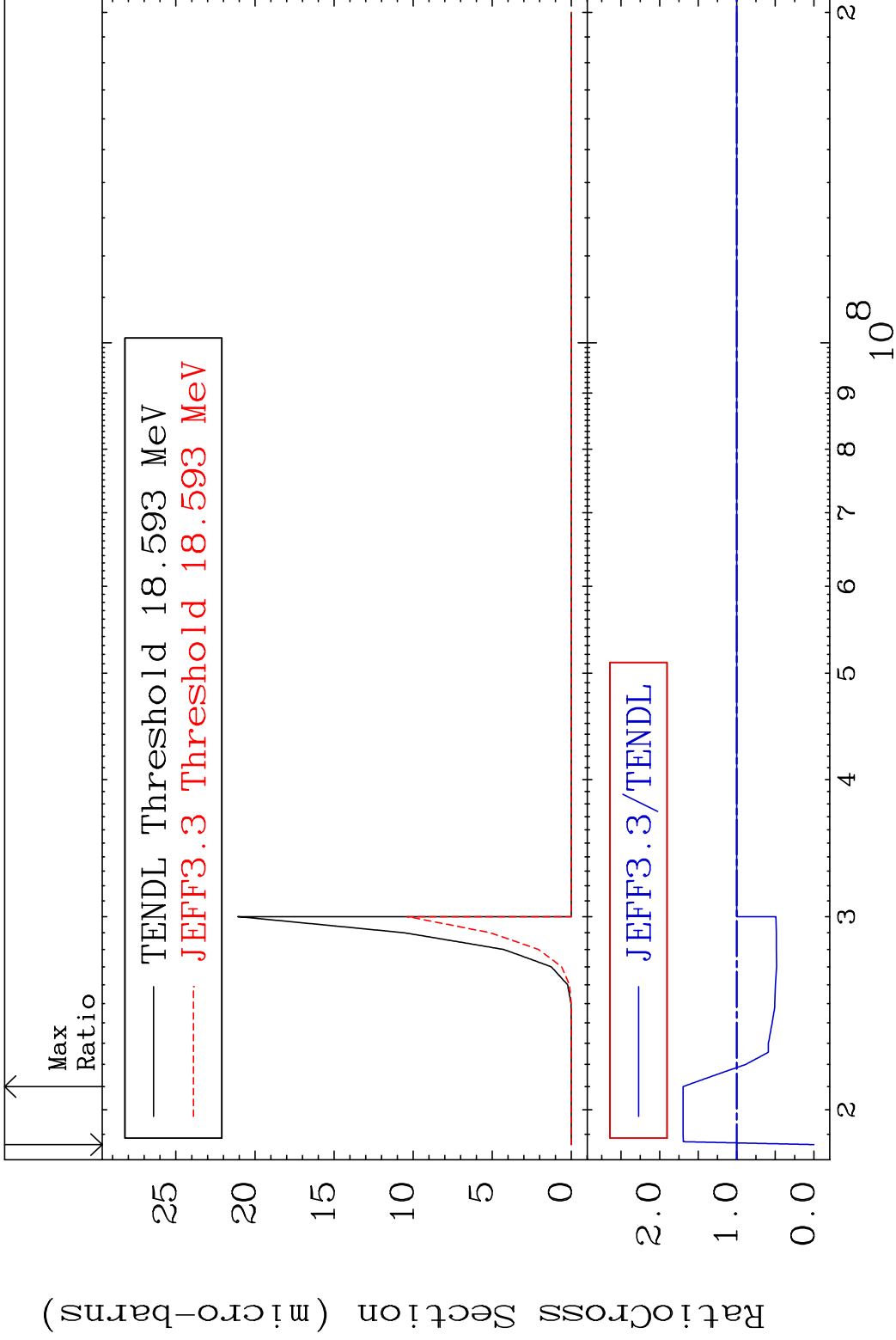


MAT 3231

(n,p) t

32-Ge-72

Cross Section -100.0 To 69.60 %

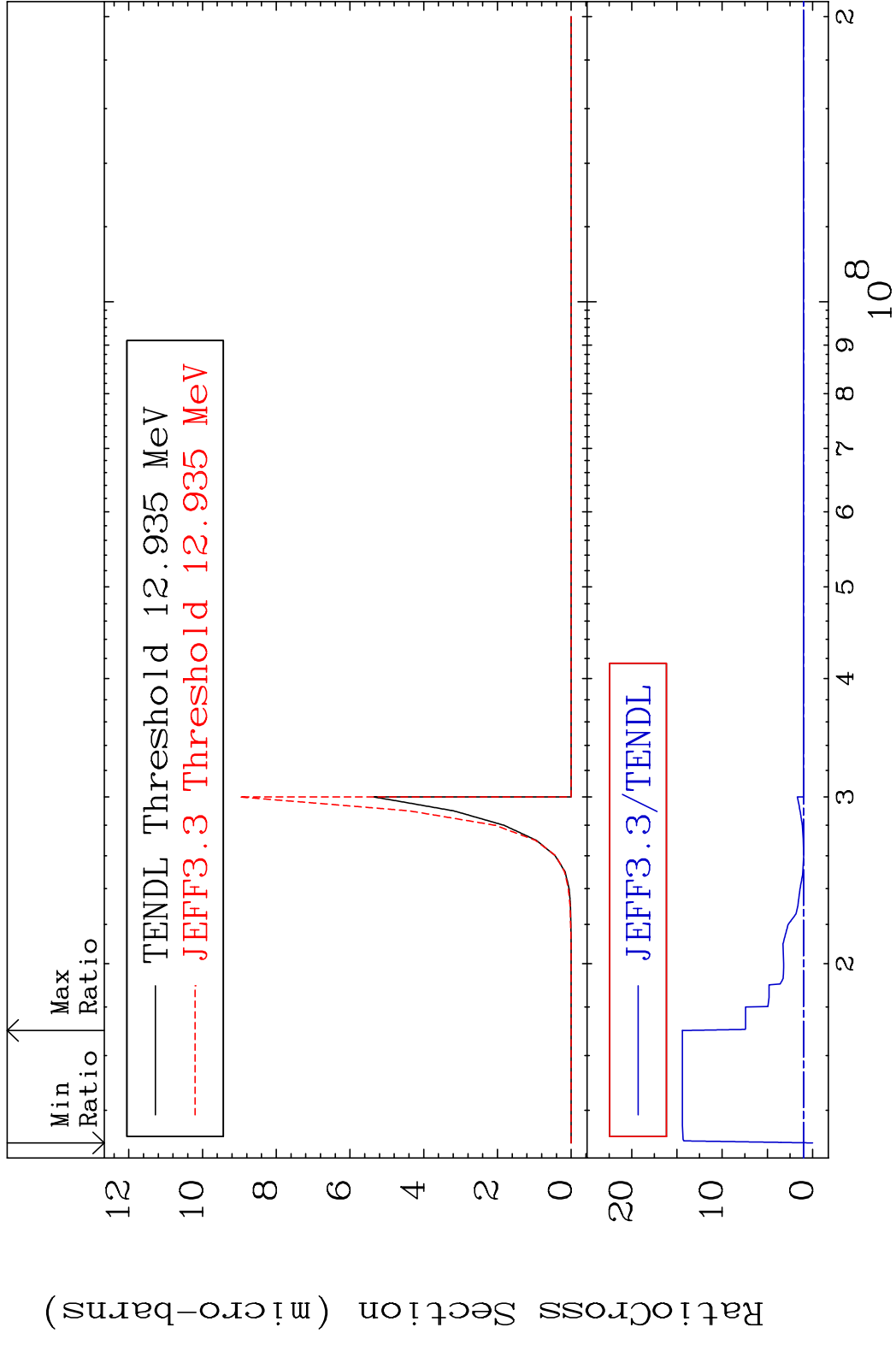


60

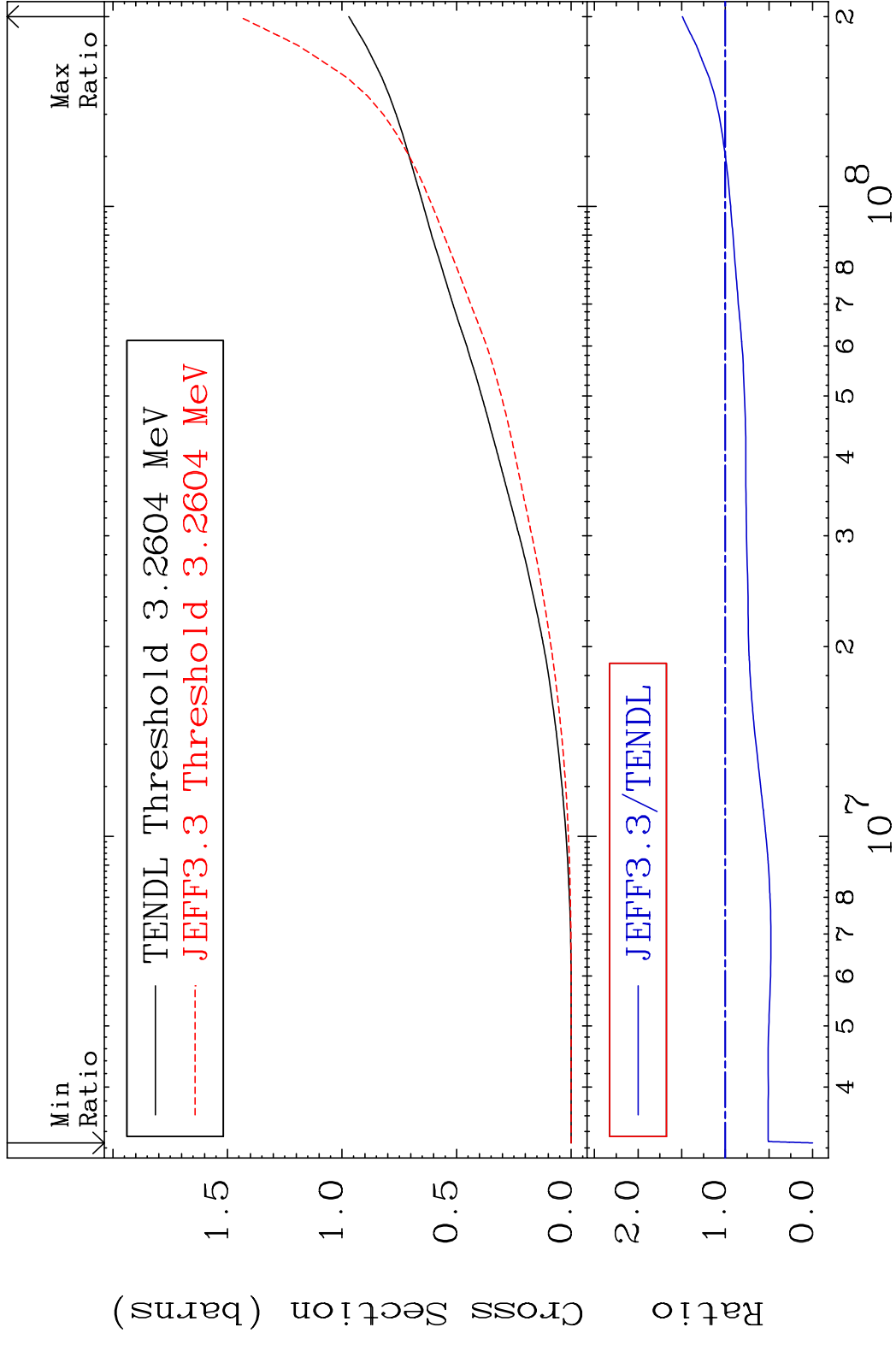
Incident Energy (eV)

32-Ge-72

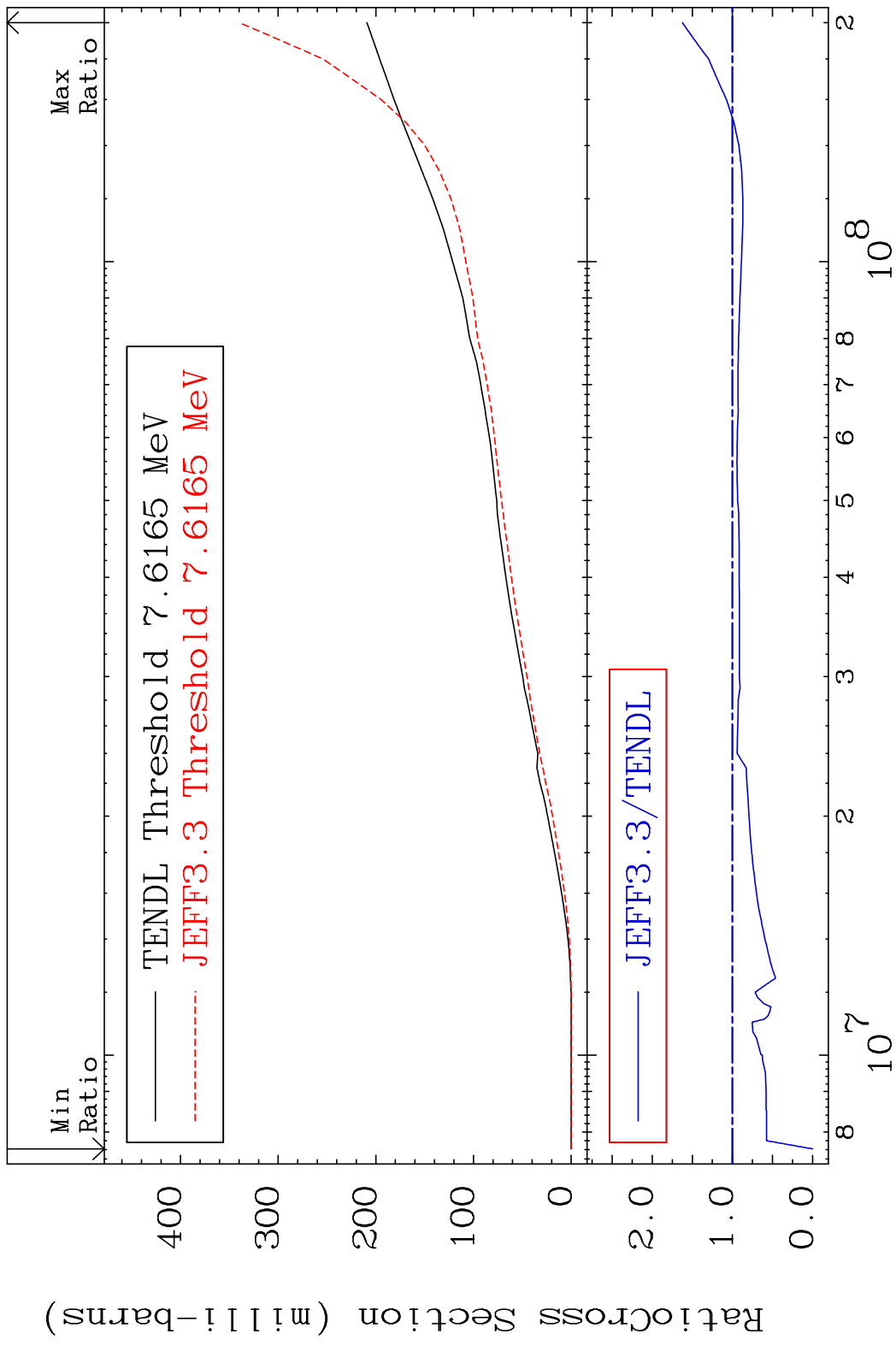
MAT 3231 (n,d) α 32-Ge-72
 Cross Section -100.0 To 1341. %



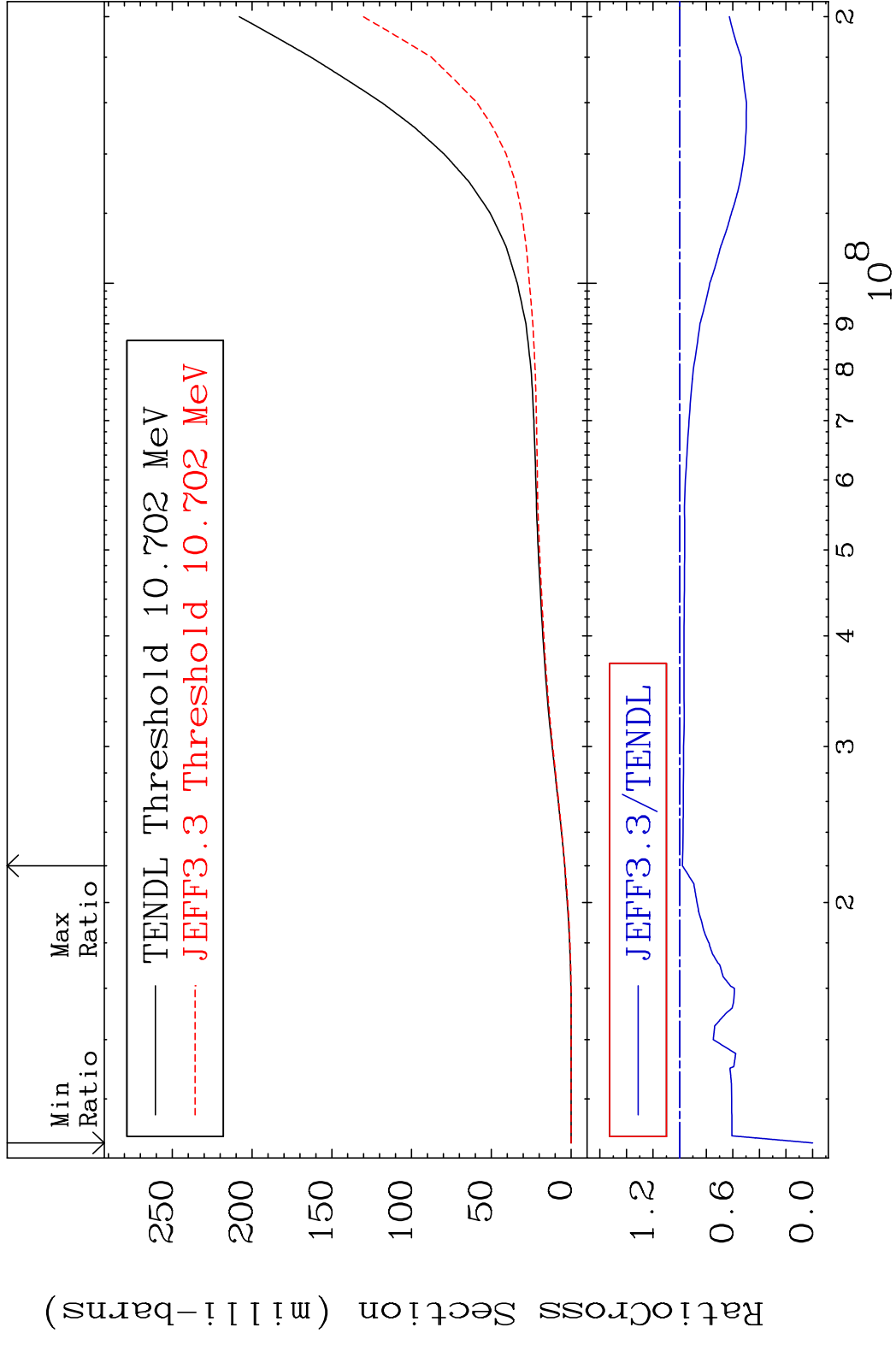
MAT 3231 Hydrogen Production 32-Ge-72
 Cross Section -100.0 To 49.26 %



MAT 3231 Deuterium Production 32-Ge-72
 Cross Section -100.0 To 62.45 %



MAT 3231 Tritium Production 32-Ge-72
 Cross Section -100.0 To -2.037%

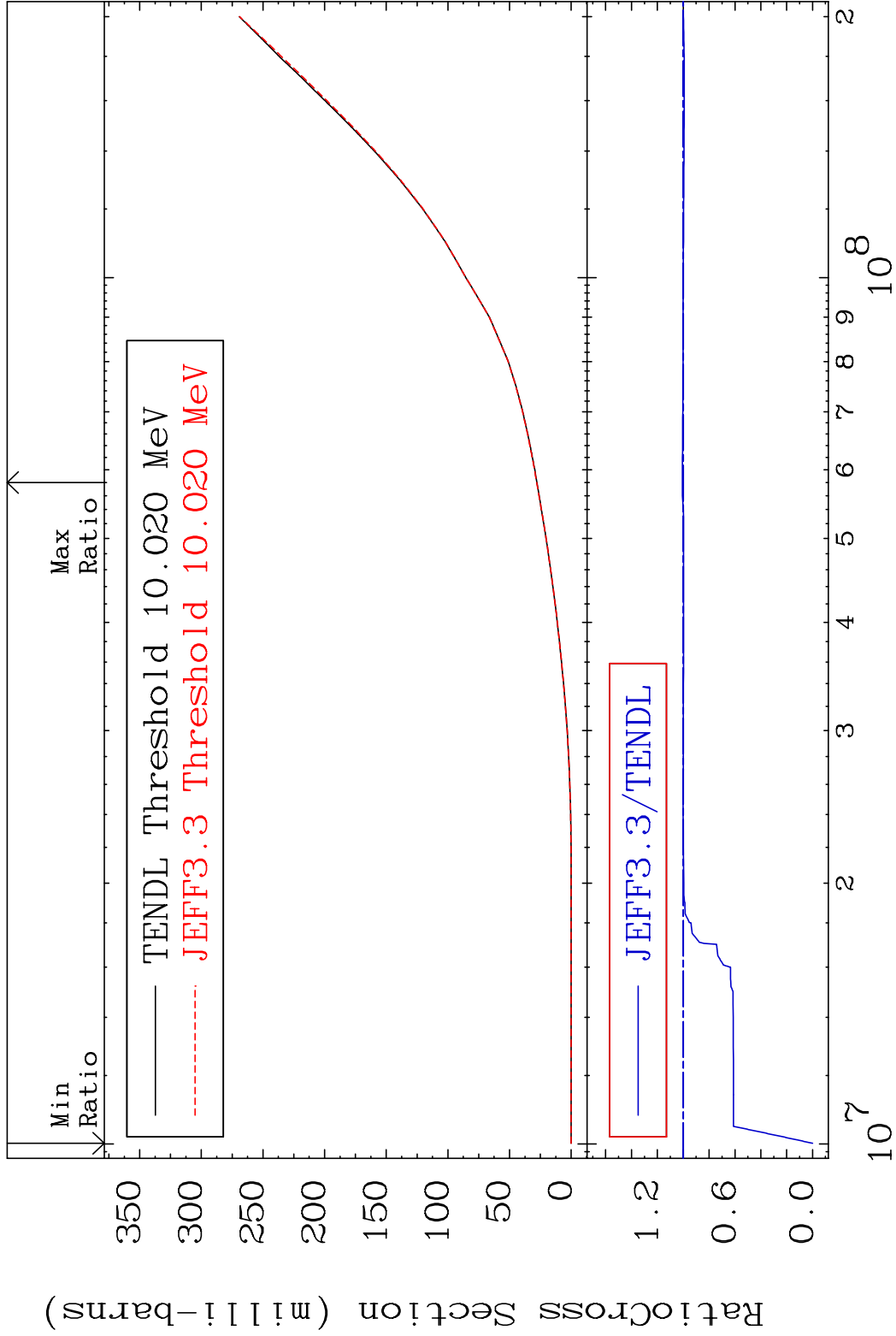


MAT 3231

He-3 Production

32-Ge-72

Cross Section -100.0 To 0.680 %



65

Incident Energy (eV)

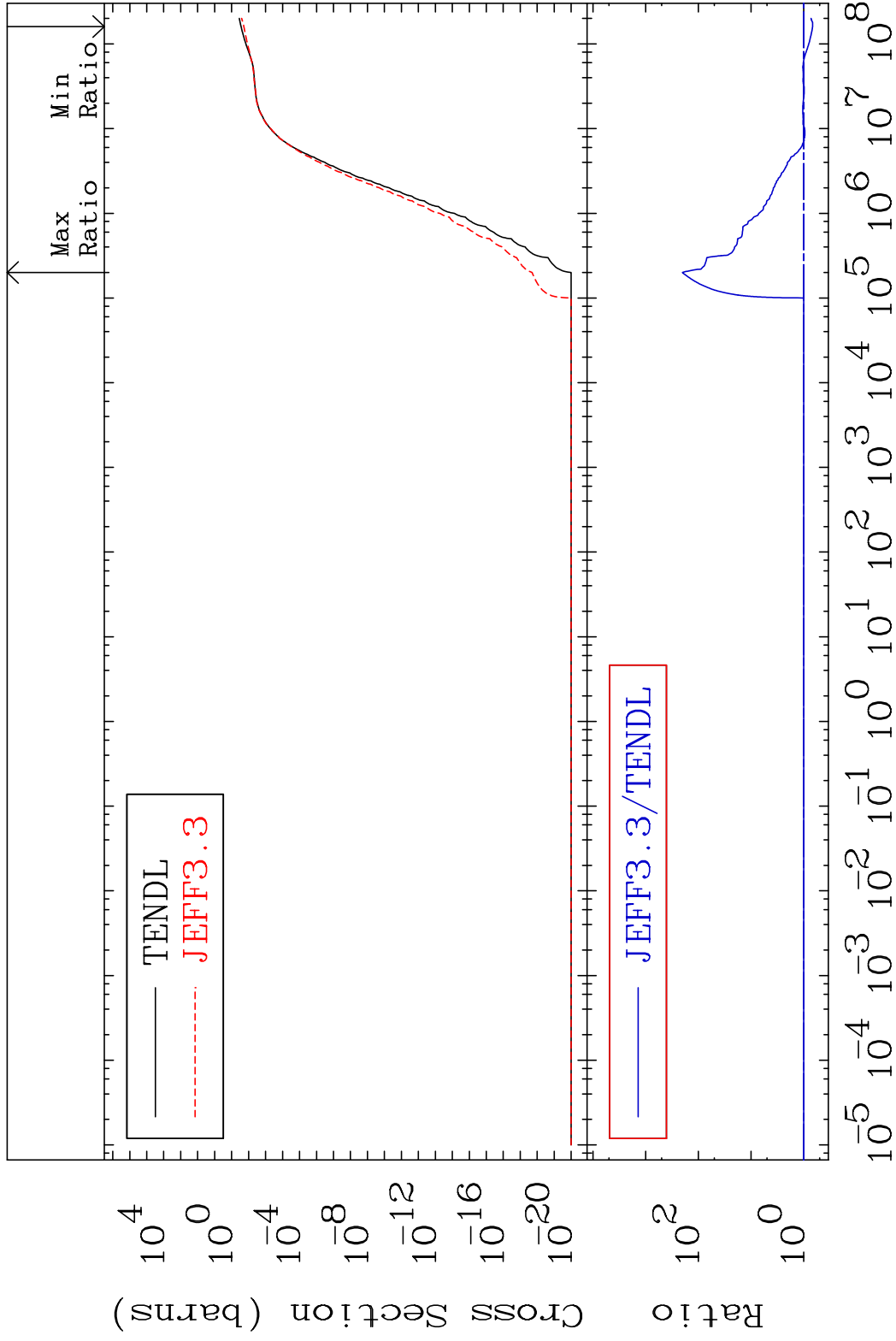
32-Ge-72

MAT 3231

He-4 Production

32-Ge-72

Cross Section -31.74 To 9999. %

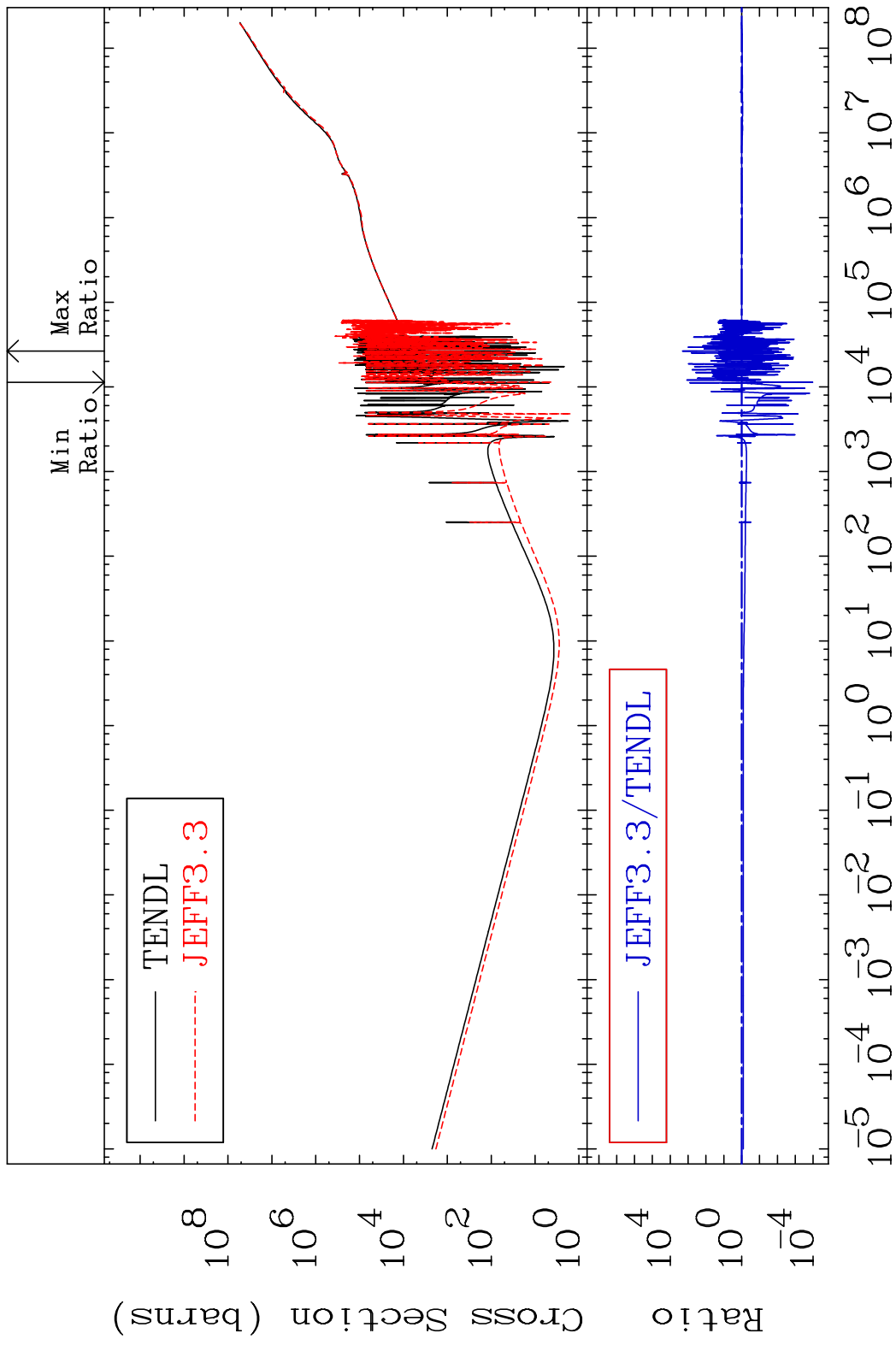


66

Incident Energy (eV)

32-Ge-72

MAT 3231 Kerma total (eV-barns) 32-Ge-72
 Cross Section -99.99 To 9999. %

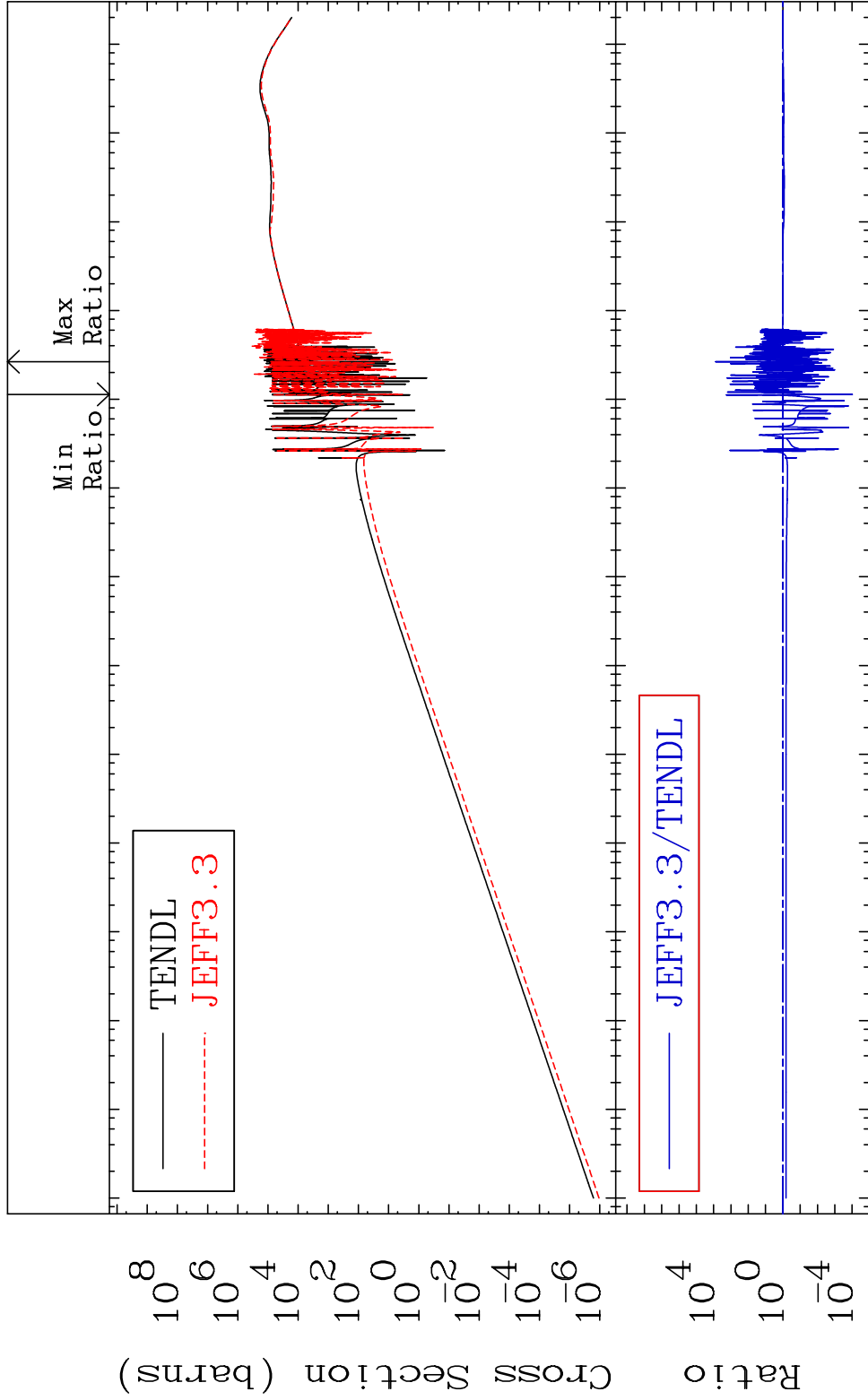


67 Incident Energy (eV) 32-Ge-72

MAT 3231

Kerma elastic
Cross Section

32-Ge-72
-99.99 To 9999. %

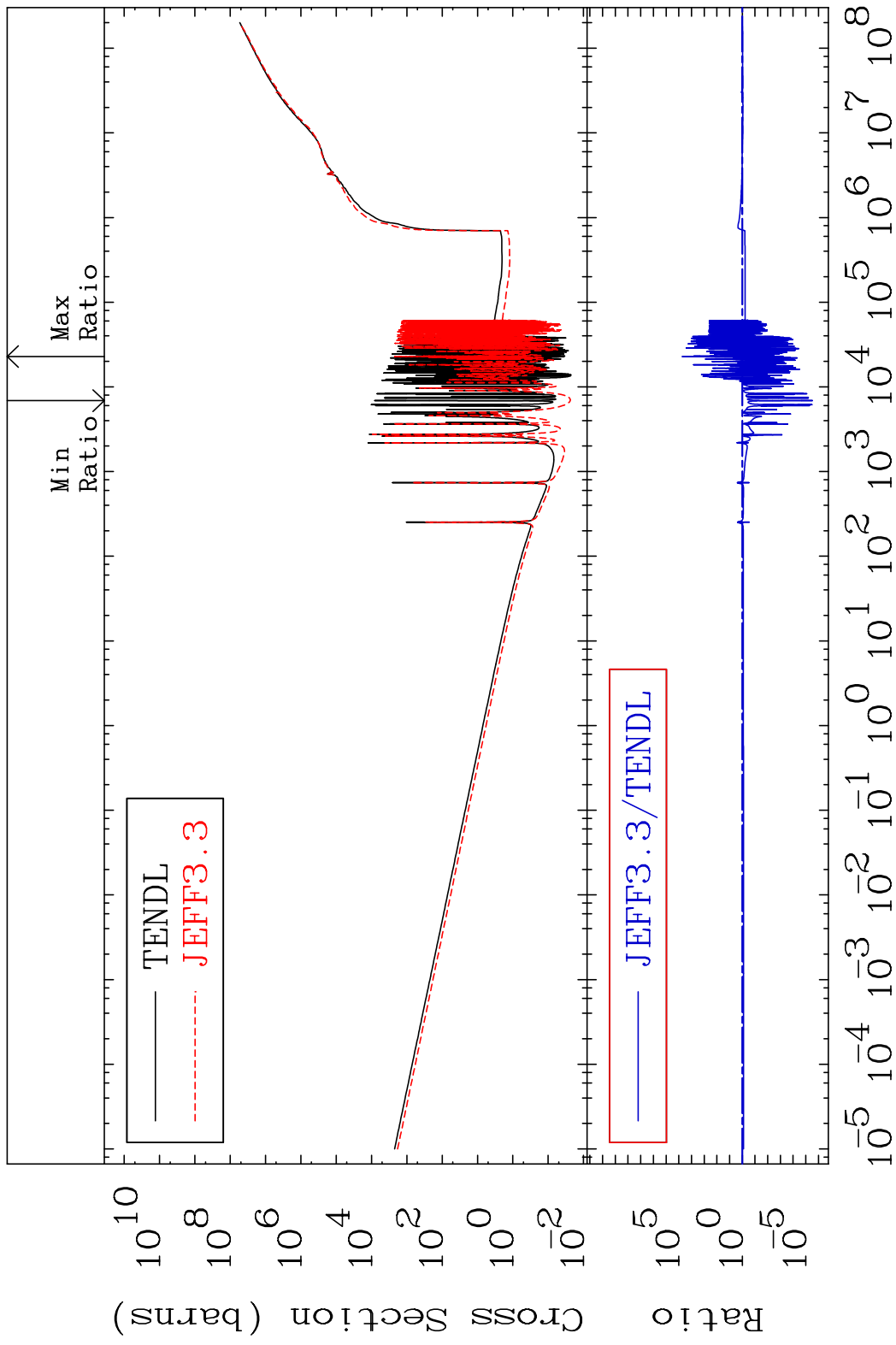


68

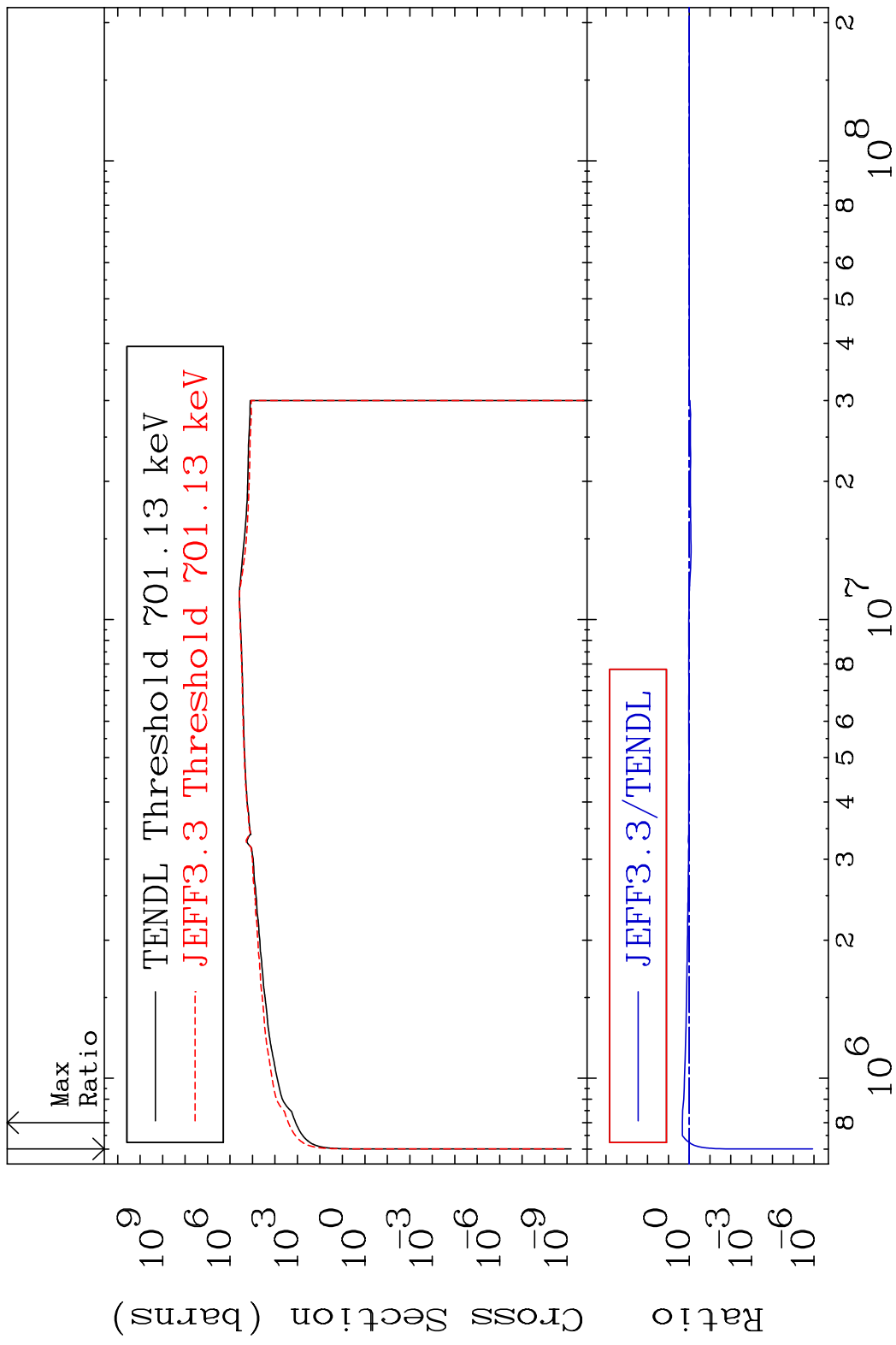
Incident Energy (eV)

32-Ge-72

MAT 3231 Kerma non-elastic (all but mt2) 32-Ge-72
 Cross Section -100.0 To 9999. %

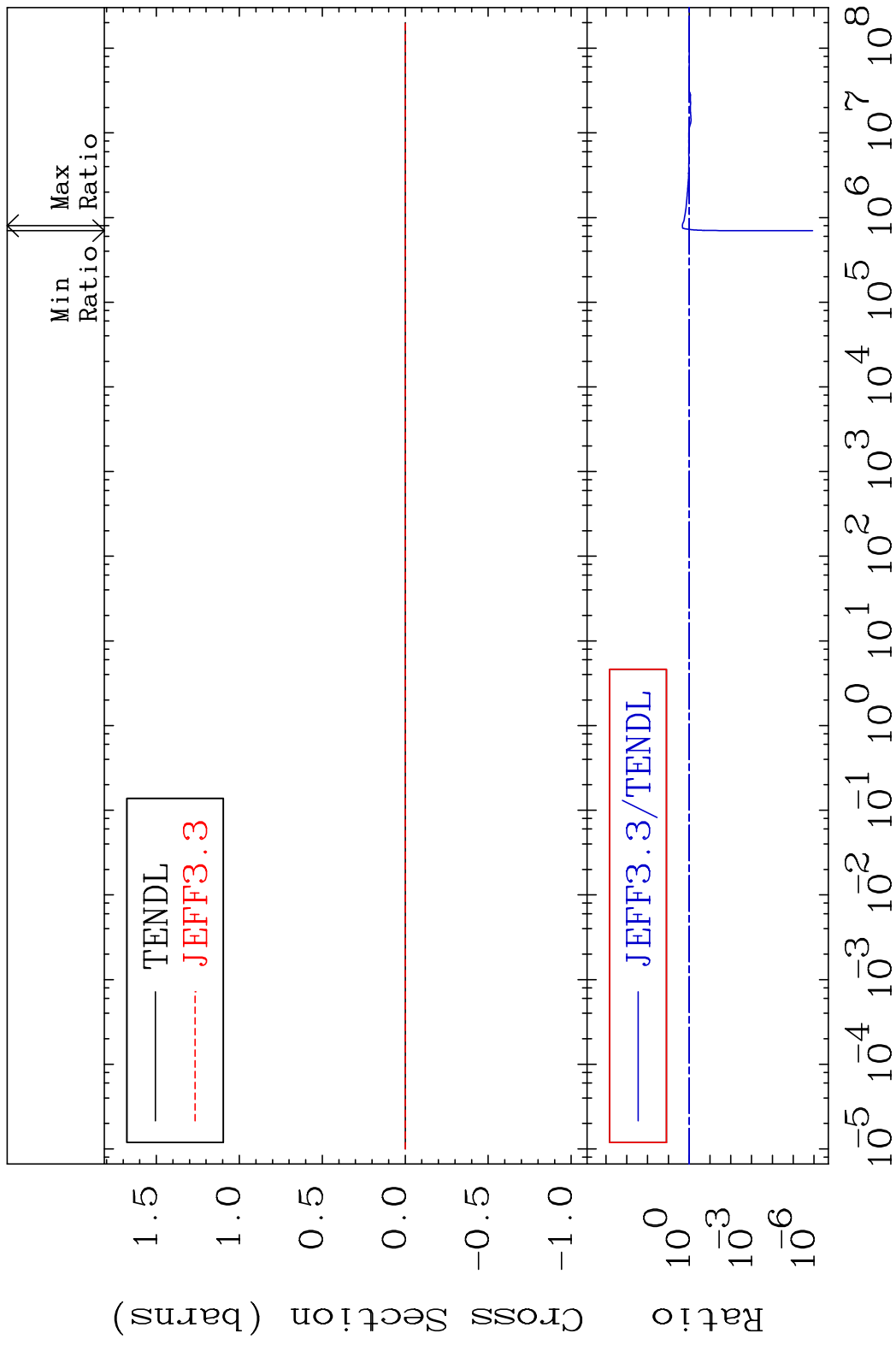


MAT 3231 Kerma inelastic (mt51-91) 32-Ge-72
 Cross Section -100.0 To 112.7 %



70 Incident Energy (eV) 32-Ge-72

MAT 3231 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-72
 Cross Section -100.0 To 112.7 %

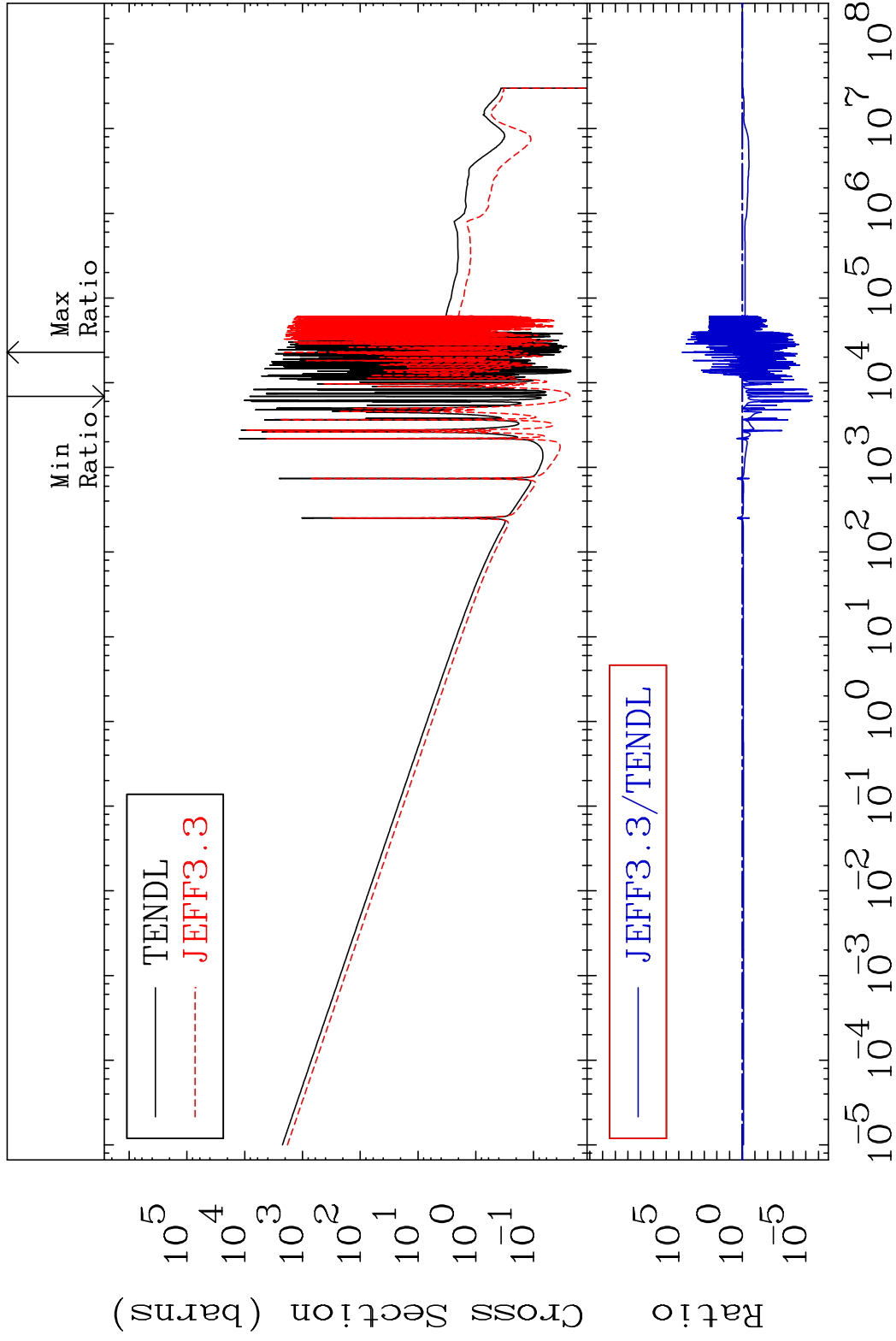


MAT 3231

Kerma capture (mt102)

32-Ge-72

Cross Section -100.0 To 9999. %

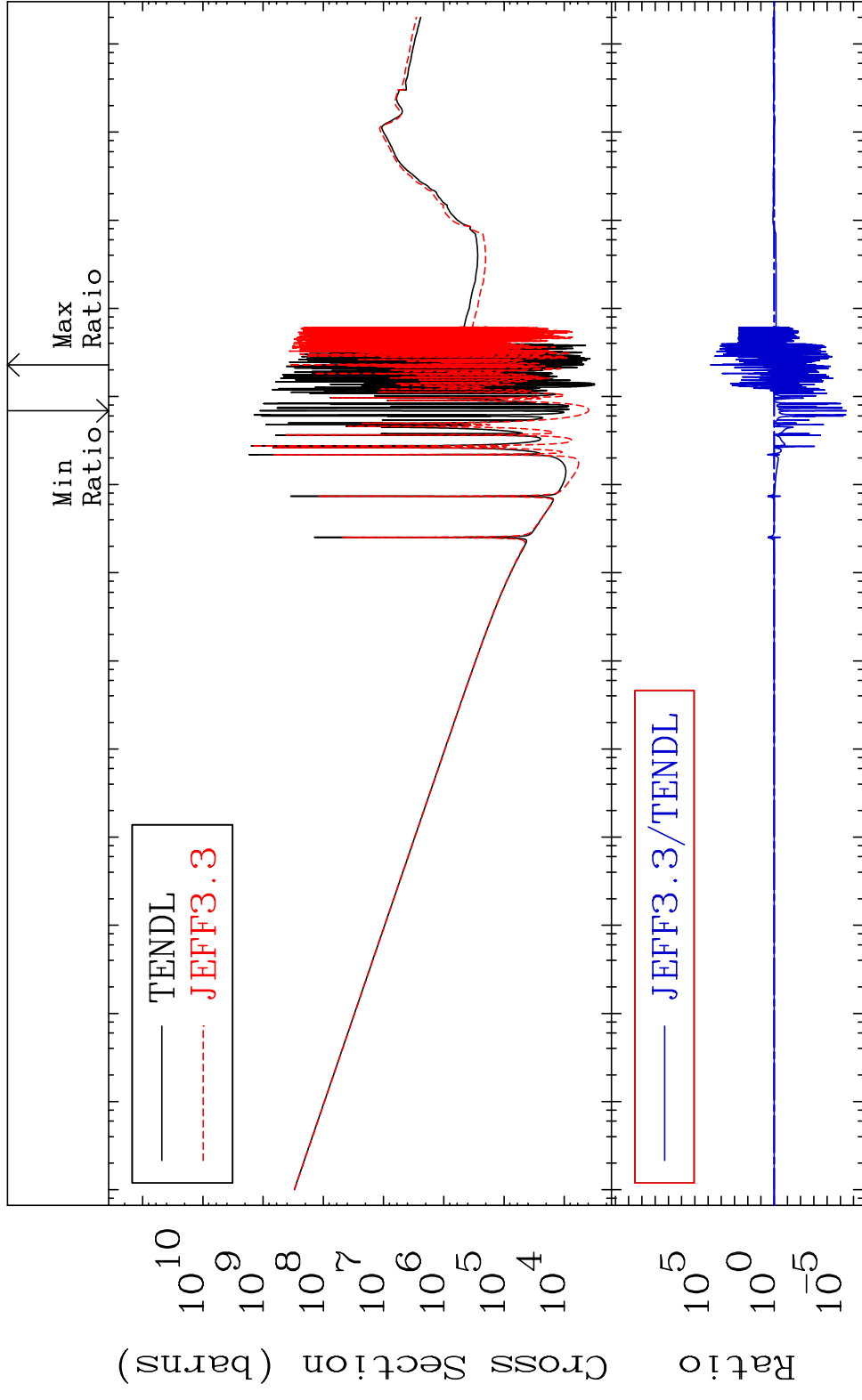


72

Incident Energy (eV)

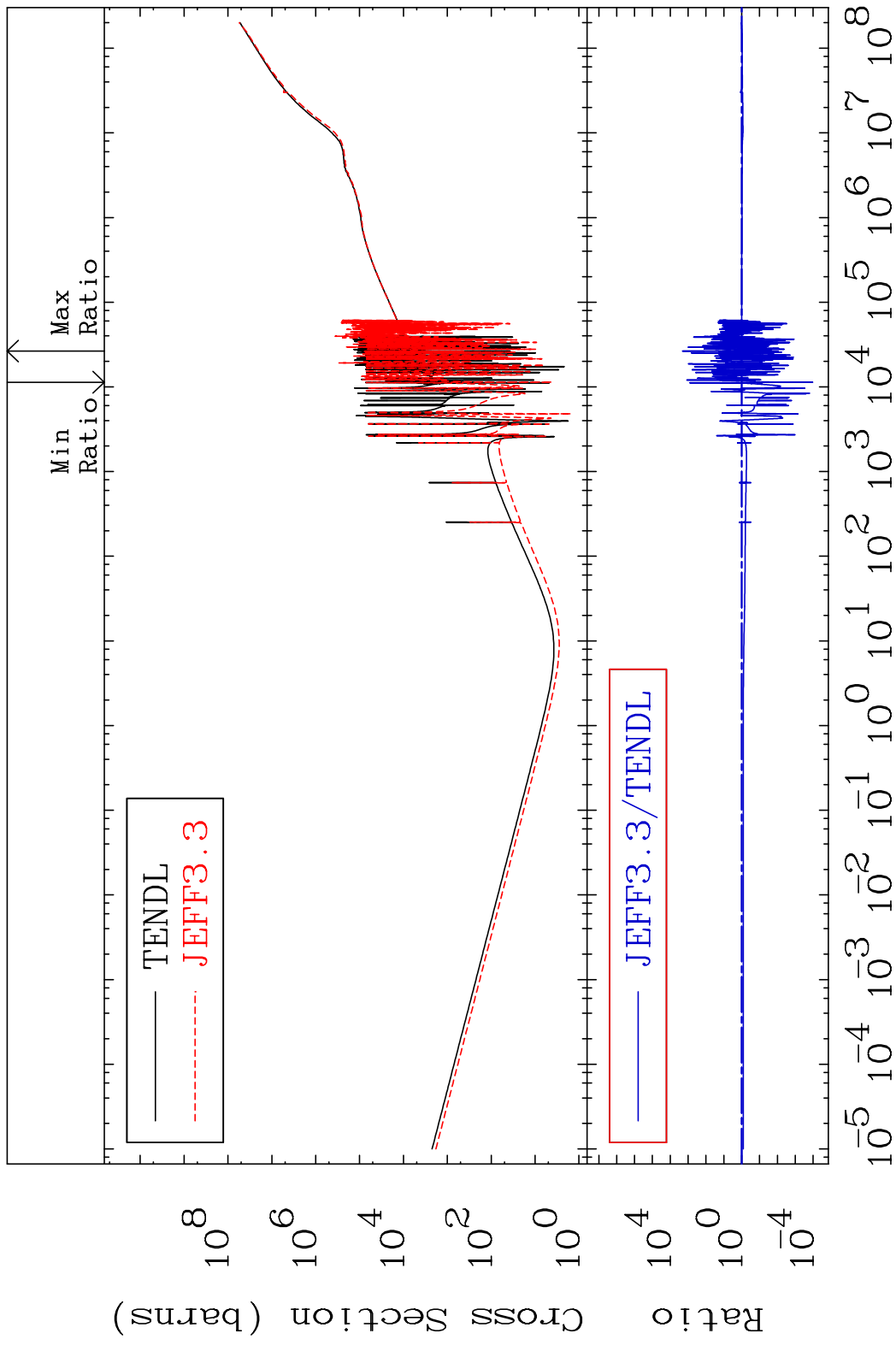
32-Ge-72

MAT 3231 Total photon (eV-barns) 32-Ge-72
 Cross Section -100.0 To 9999. %

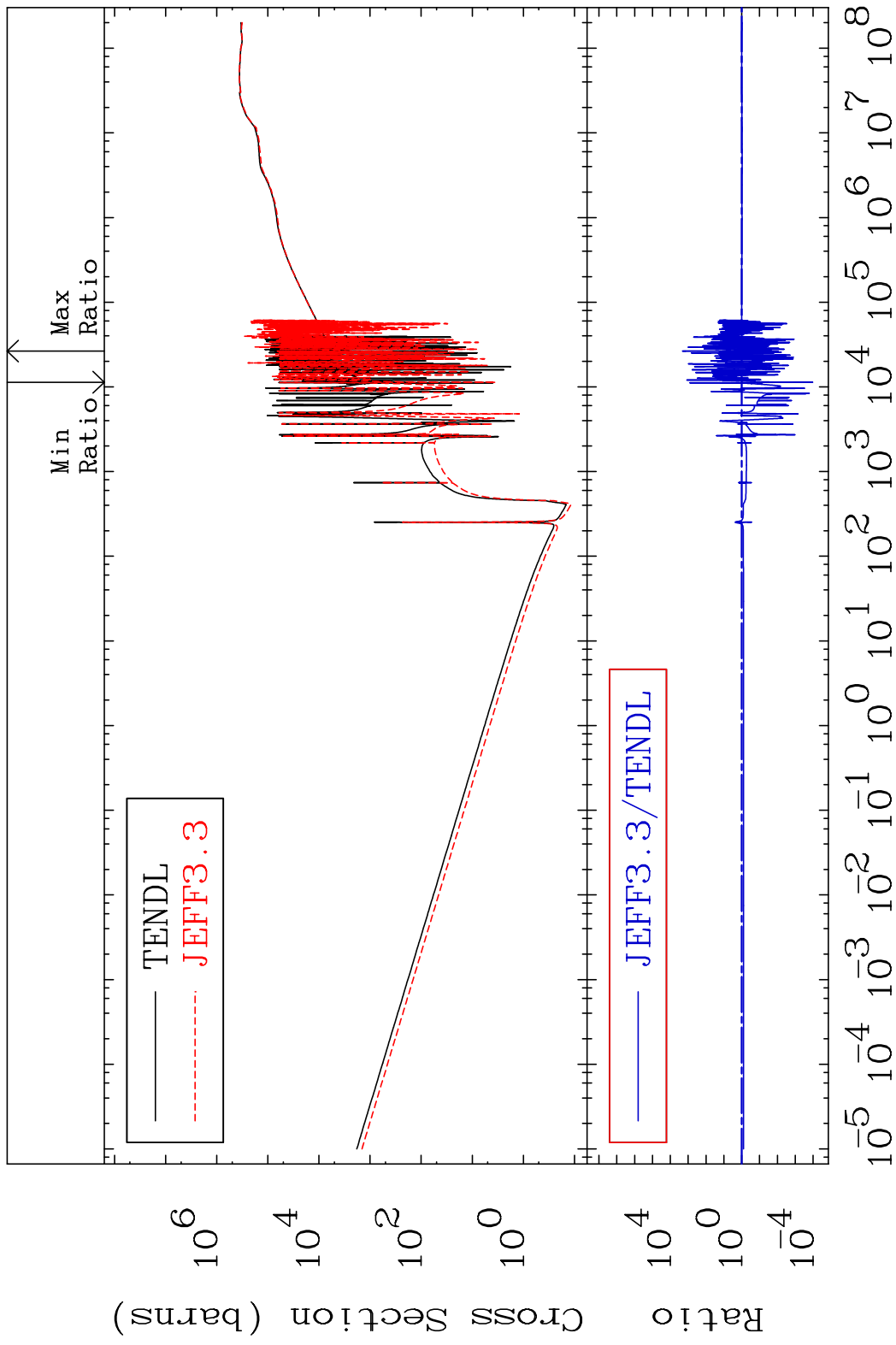


73 Incident Energy (eV) 32-Ge-72

MAT 3231 Total kinematic kerma (high limit) 32-Ge-72
 Cross Section -99.99 To 9999. %



MAT 3231 Dpa total (eV-barns) 32-Ge-72
 Cross Section -99.99 To 9999. %



75 Incident Energy (eV) 32-Ge-72

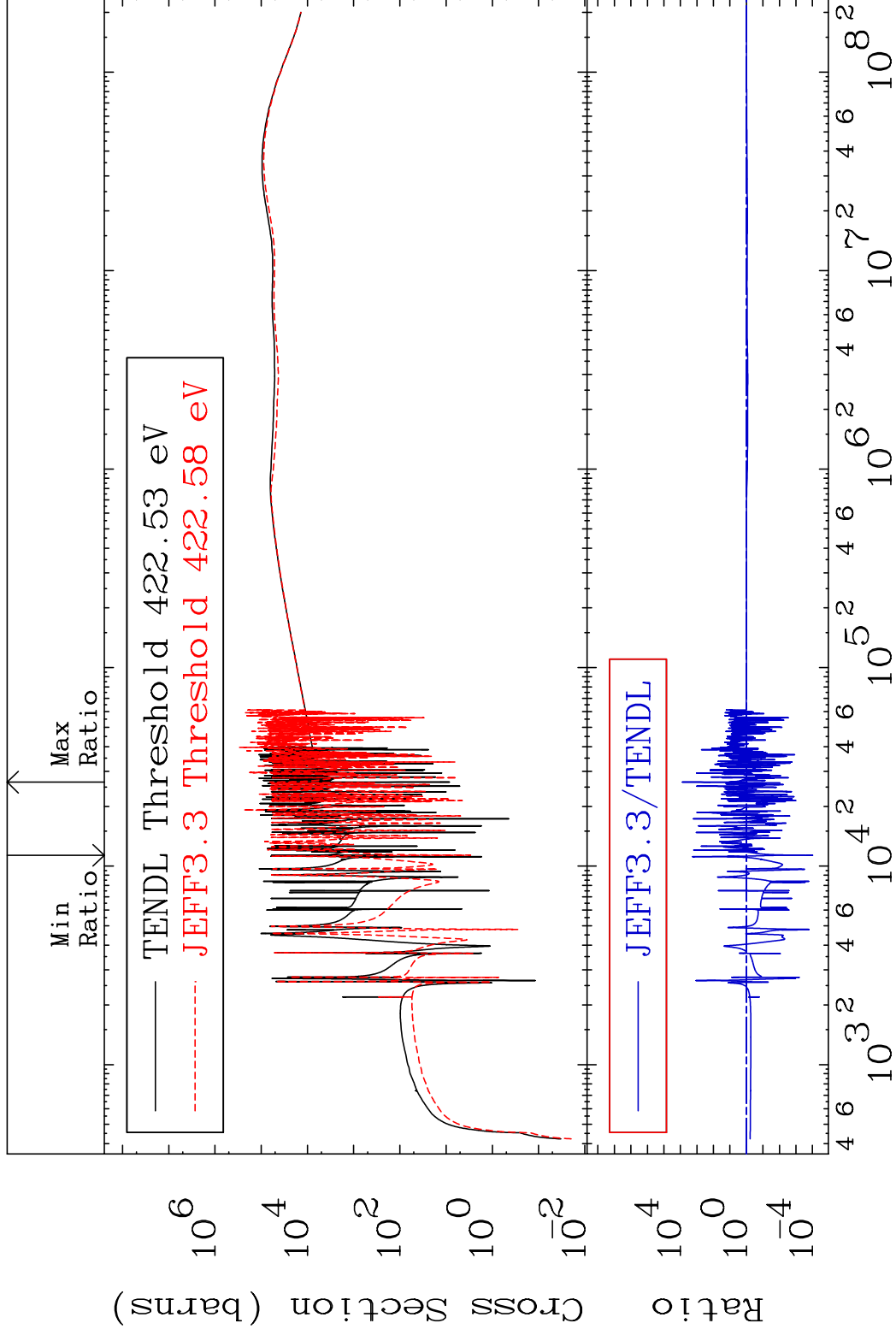
MAT 3231

Dpa elastic (mt2)

32-Ge-72

Cross Section

-99.99 To 9999. %

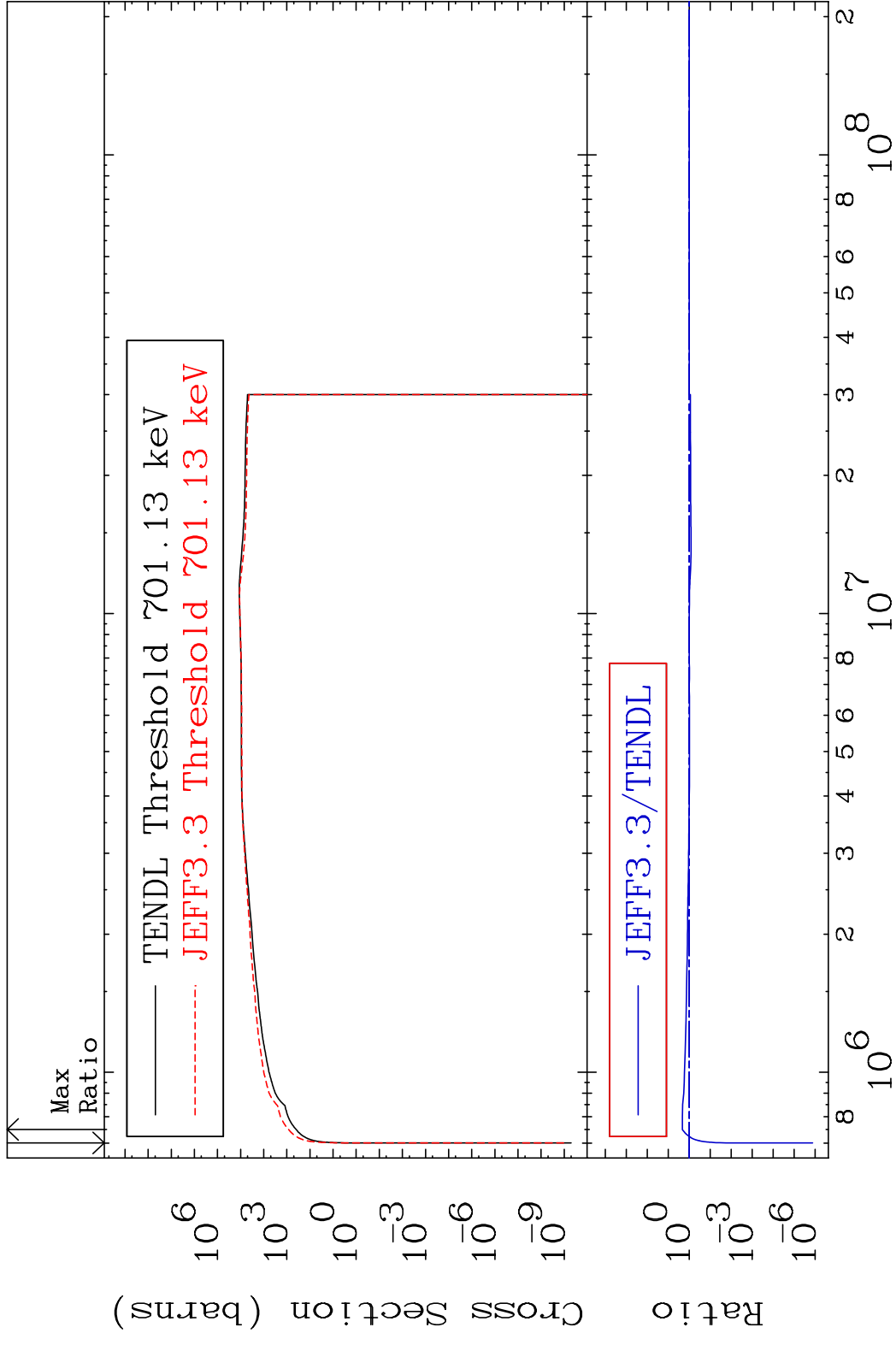


76

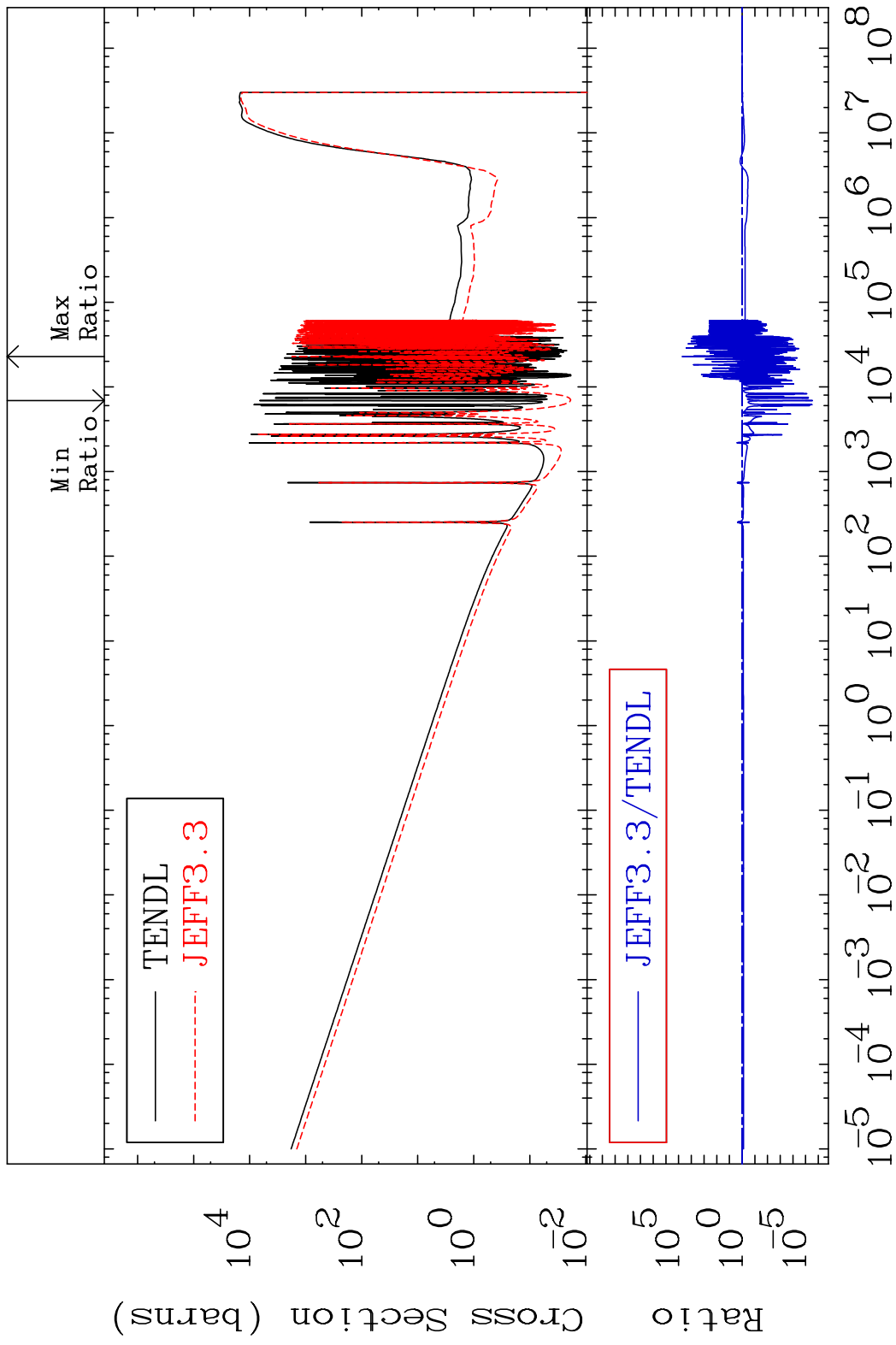
Incident Energy (eV)

32-Ge-72

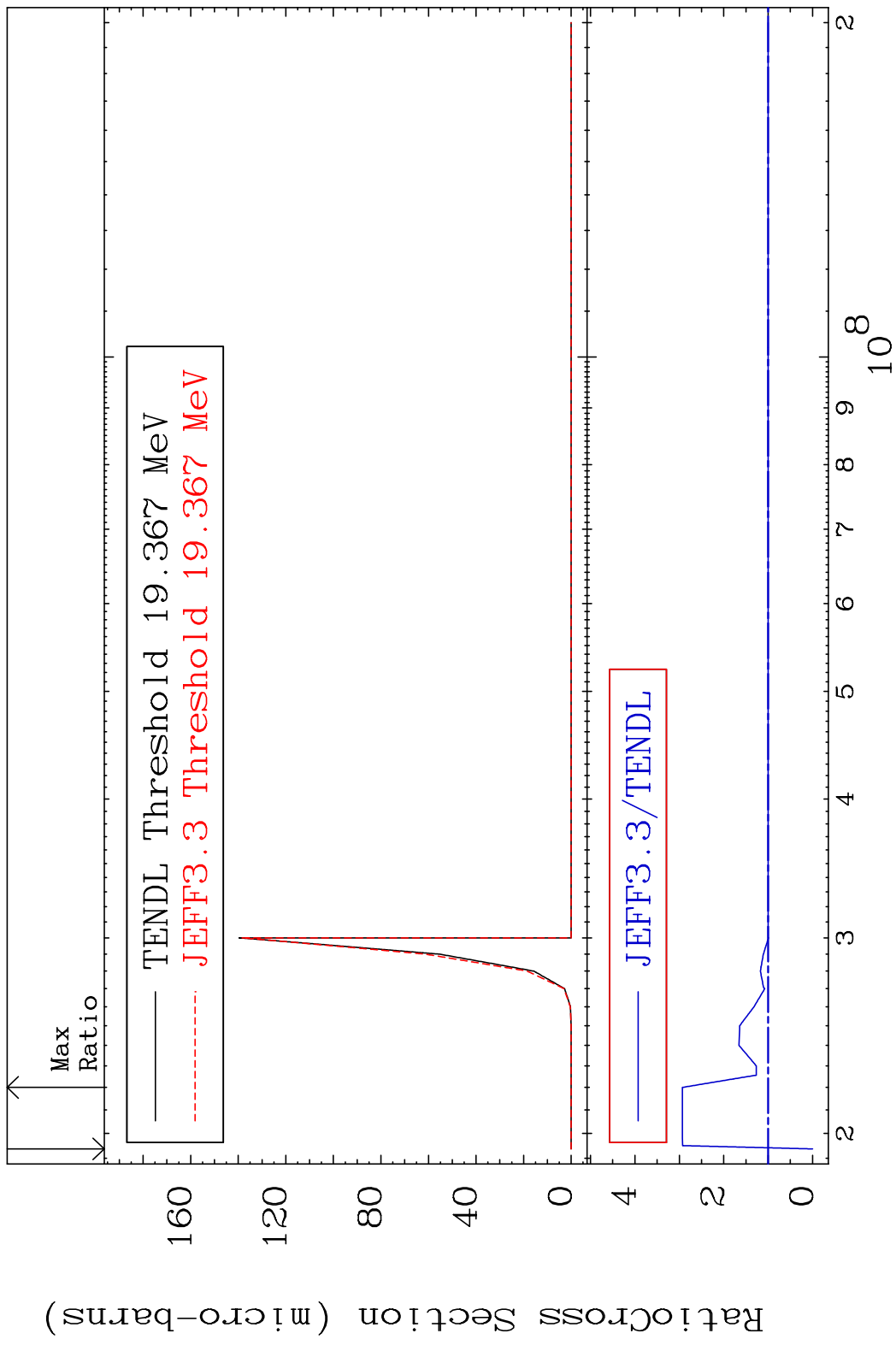
MAT 3231 Dpa inelastic (mt51-91) 32-Ge-72
 Cross Section -100.0 To 112.7 %



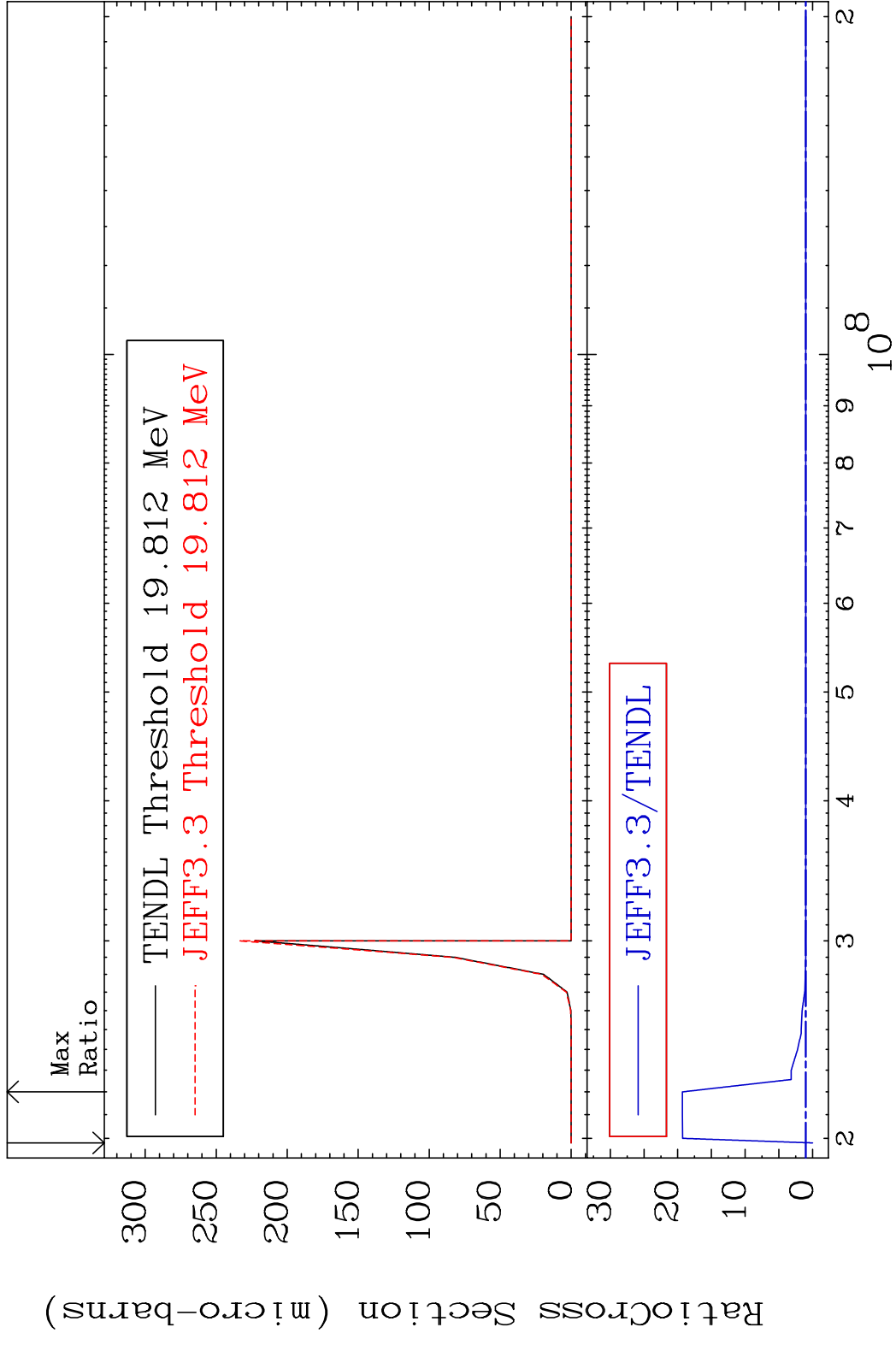
MAT 3231 Dpa disappearance (mt102 -120) 32-Ge-72
 Cross Section -100.0 To 9999. %



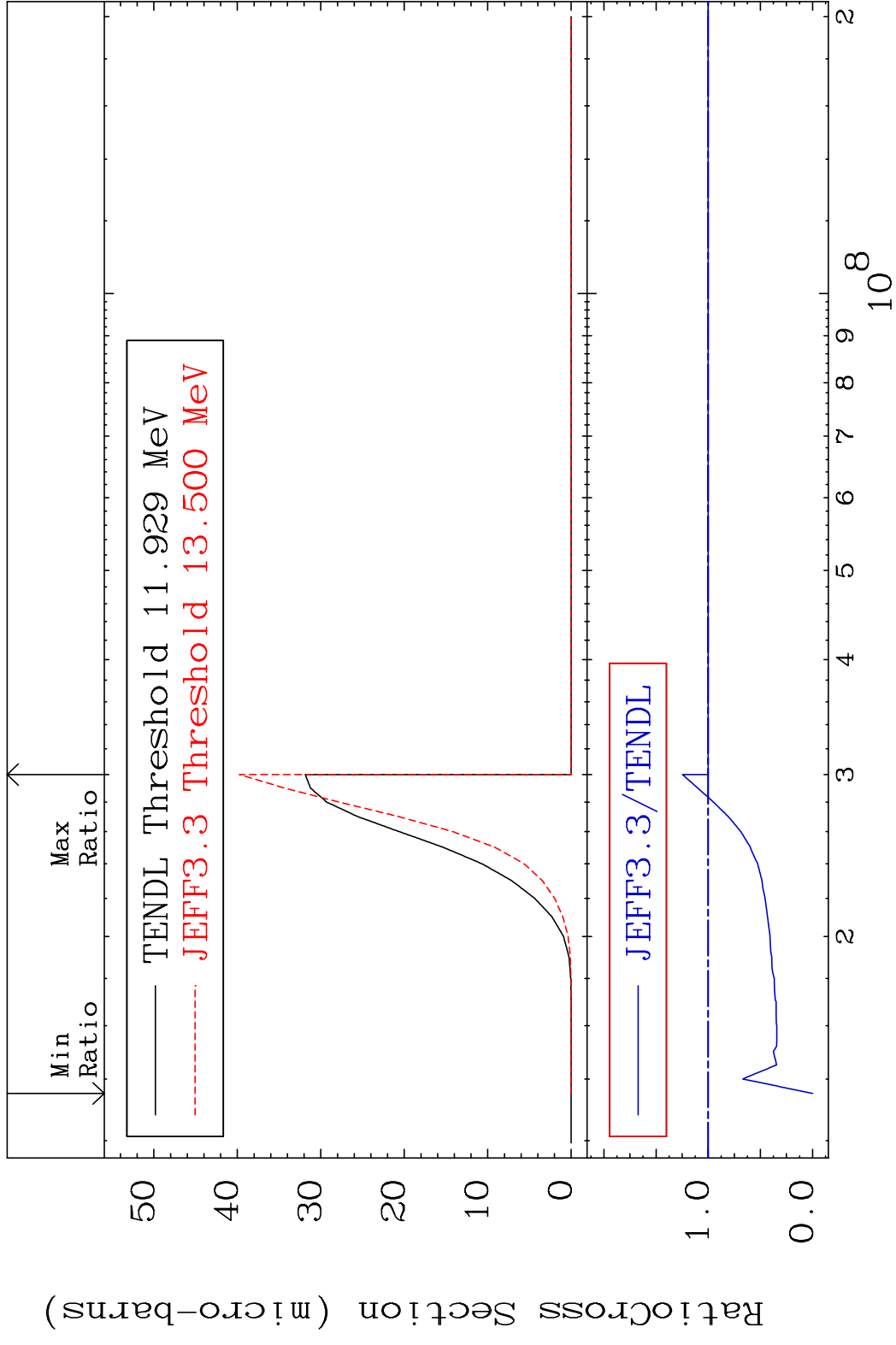
MAT 3231 (n, n') He-3:30-Zn-69g 32-Ge-72
 Radionuclide Production Cross Section Ratio 193.2 %



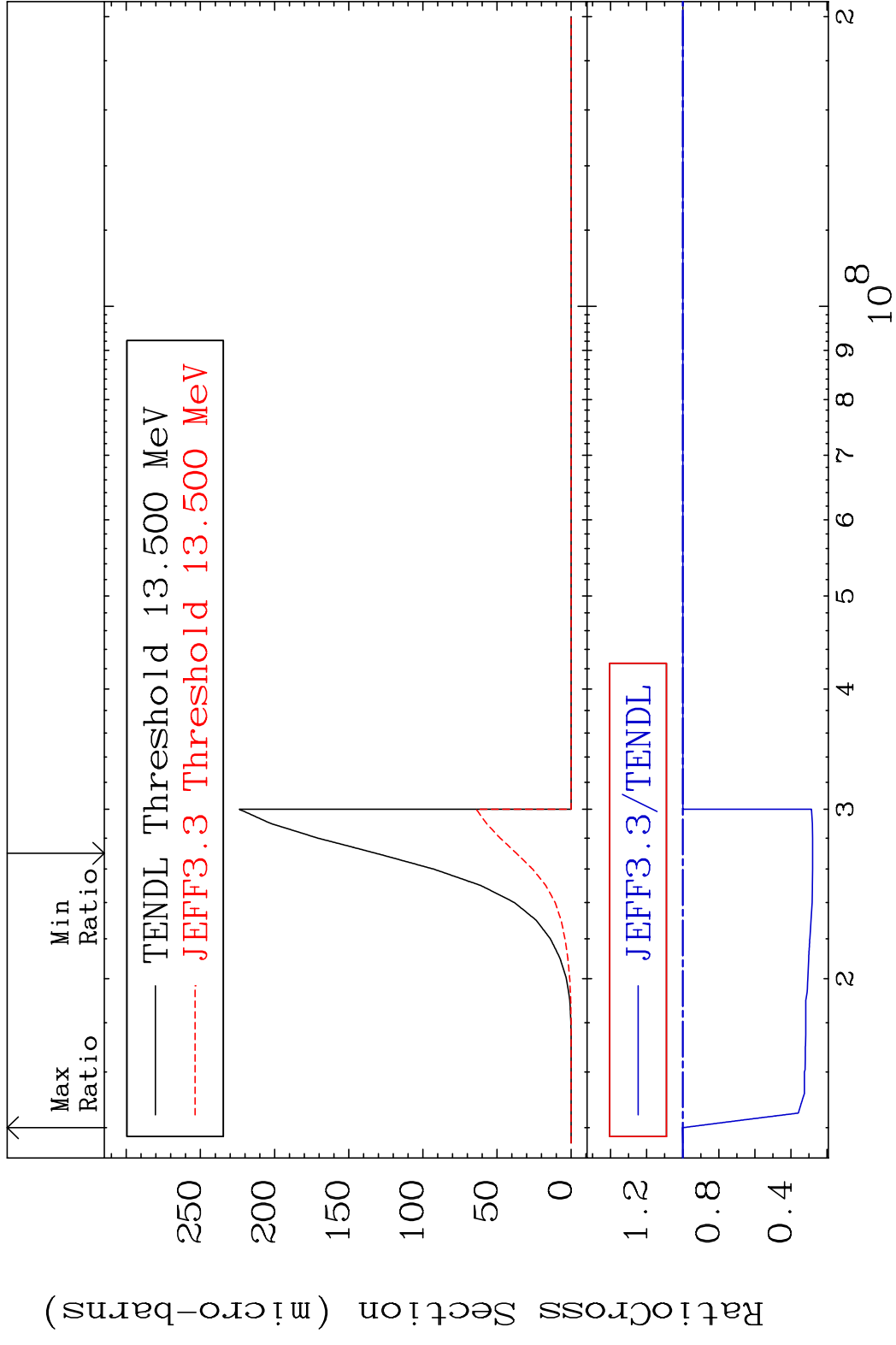
MAT 3231 (n, n') He-3:30-Zn-69m1 32-Ge-72
 Radionuclide Production Cross Section Ratio 1831. %



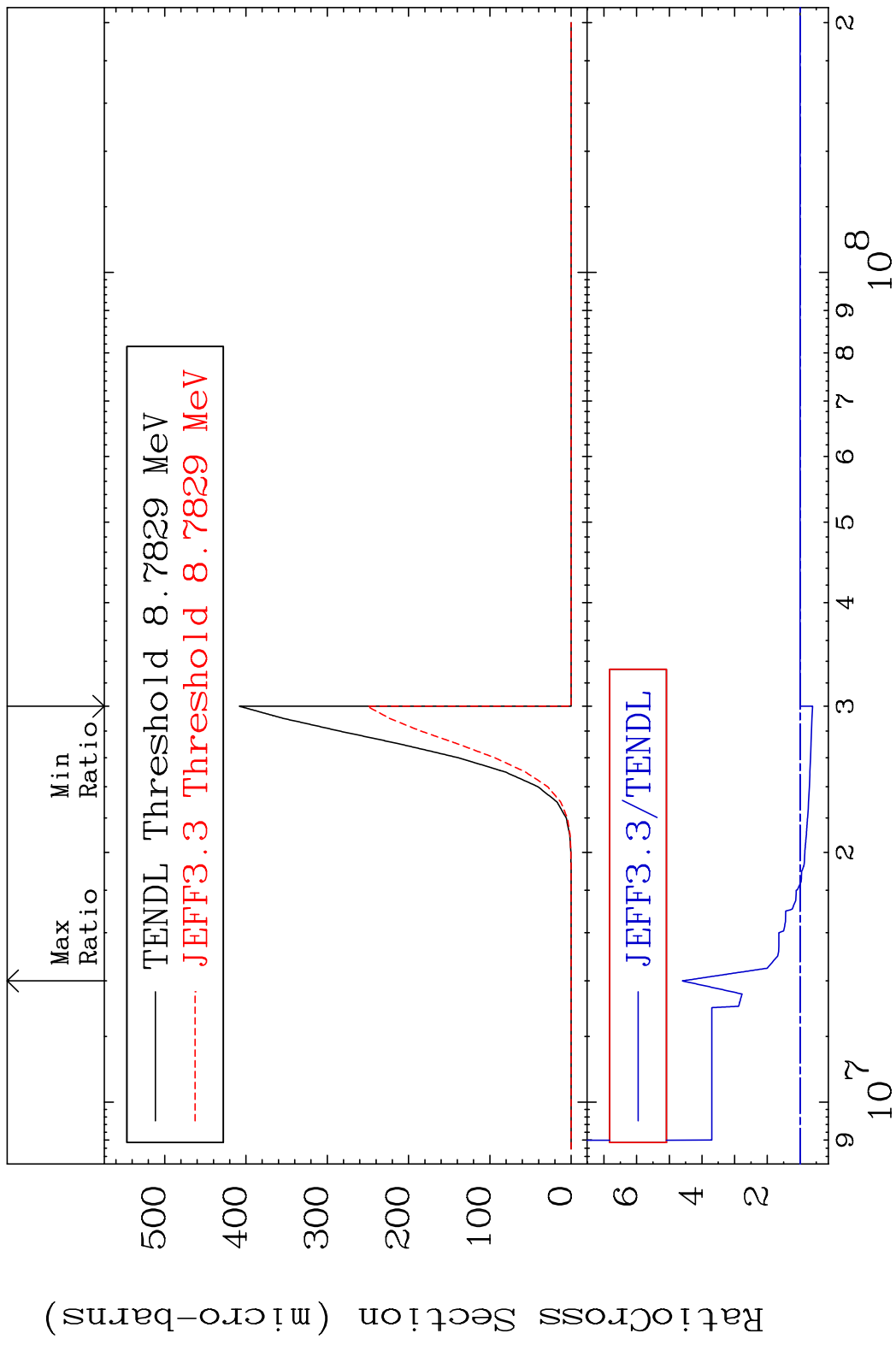
MAT 3231 (n,2p):30-Zn-71g 32-Ge-72
 Radionuclide Production Cross Section Ratio



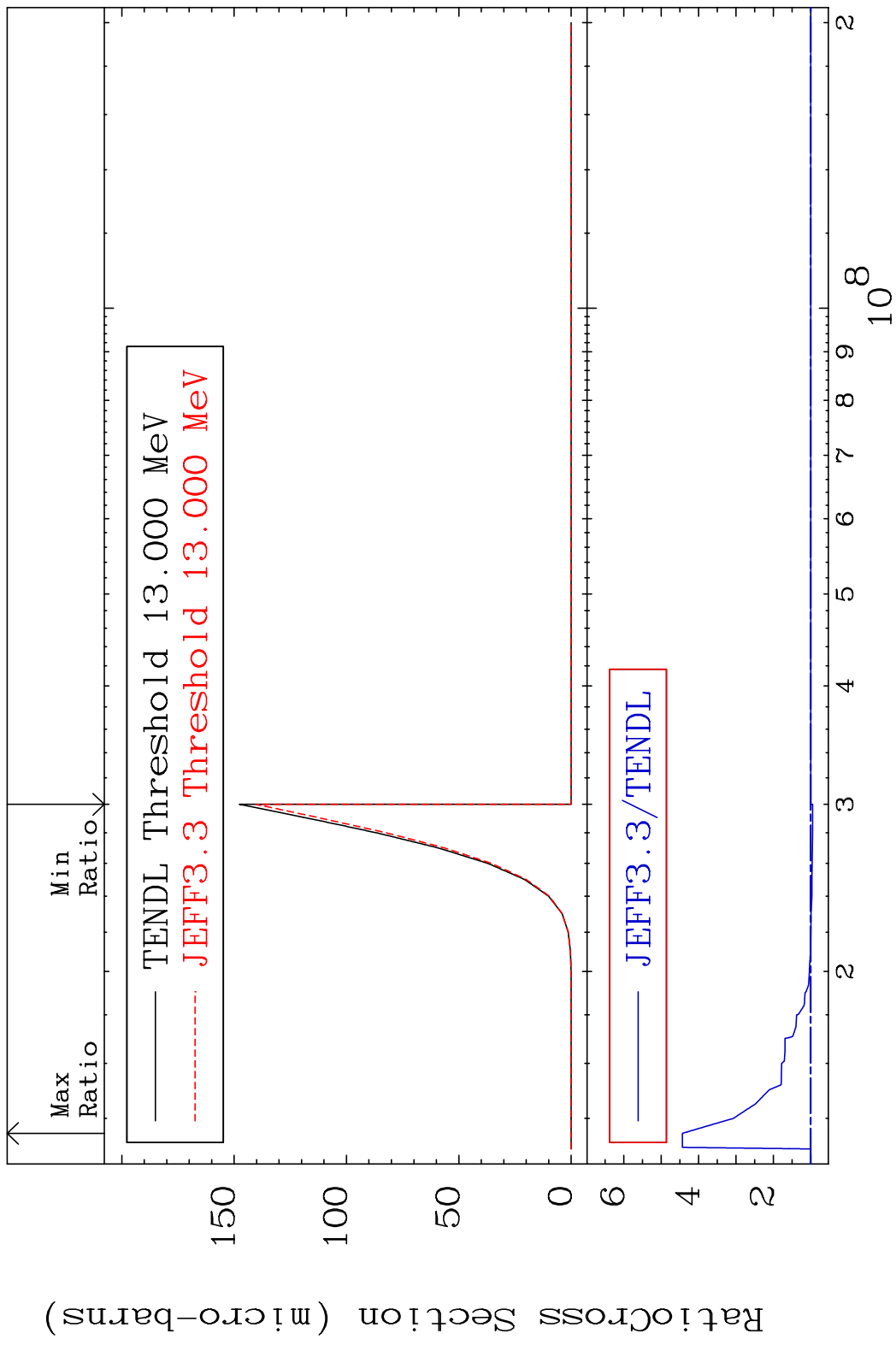
MAT 3231 (n,2p):30-Zn-71m1 32-Ge-72
 Radionuclide Production Cross Section Ratio 0.212 %



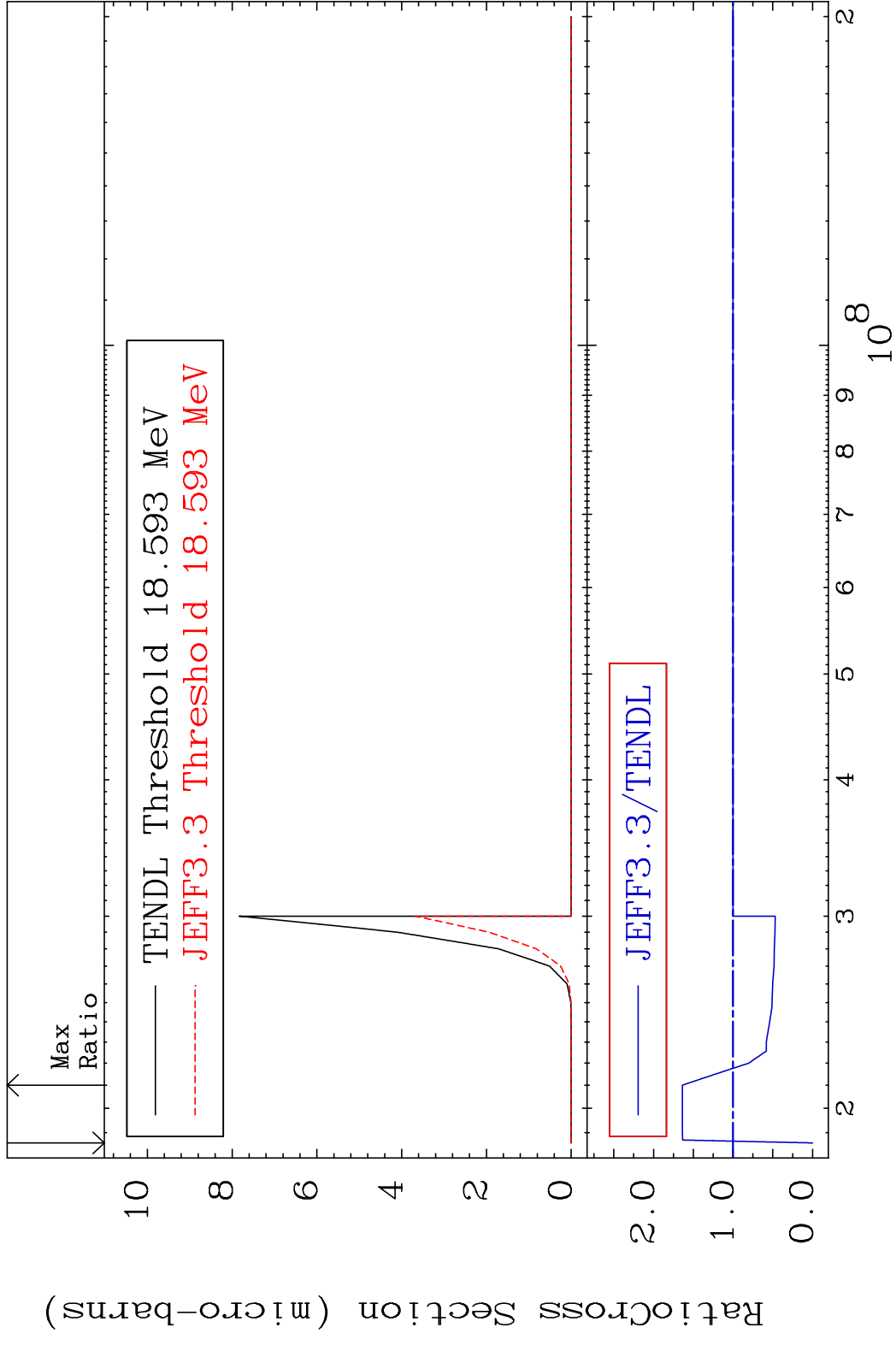
MAT 3231 (n, p) α :29-Cu-68g 32-Ge-72
 Radionuclide Production Cross Section 38.51 d10 360.0 %



83 Incident Energy (eV) 32-Ge-72



MAT 3231 (n, p) t:30-Zn-69g 32-Ge-72
 Radionuclide Production Cross Section Ratio



MAT 3231 (n,p) t:30-Zn-69m1 32-Ge-72
 Radionuclide Production Cross Section 5.161 %

