

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

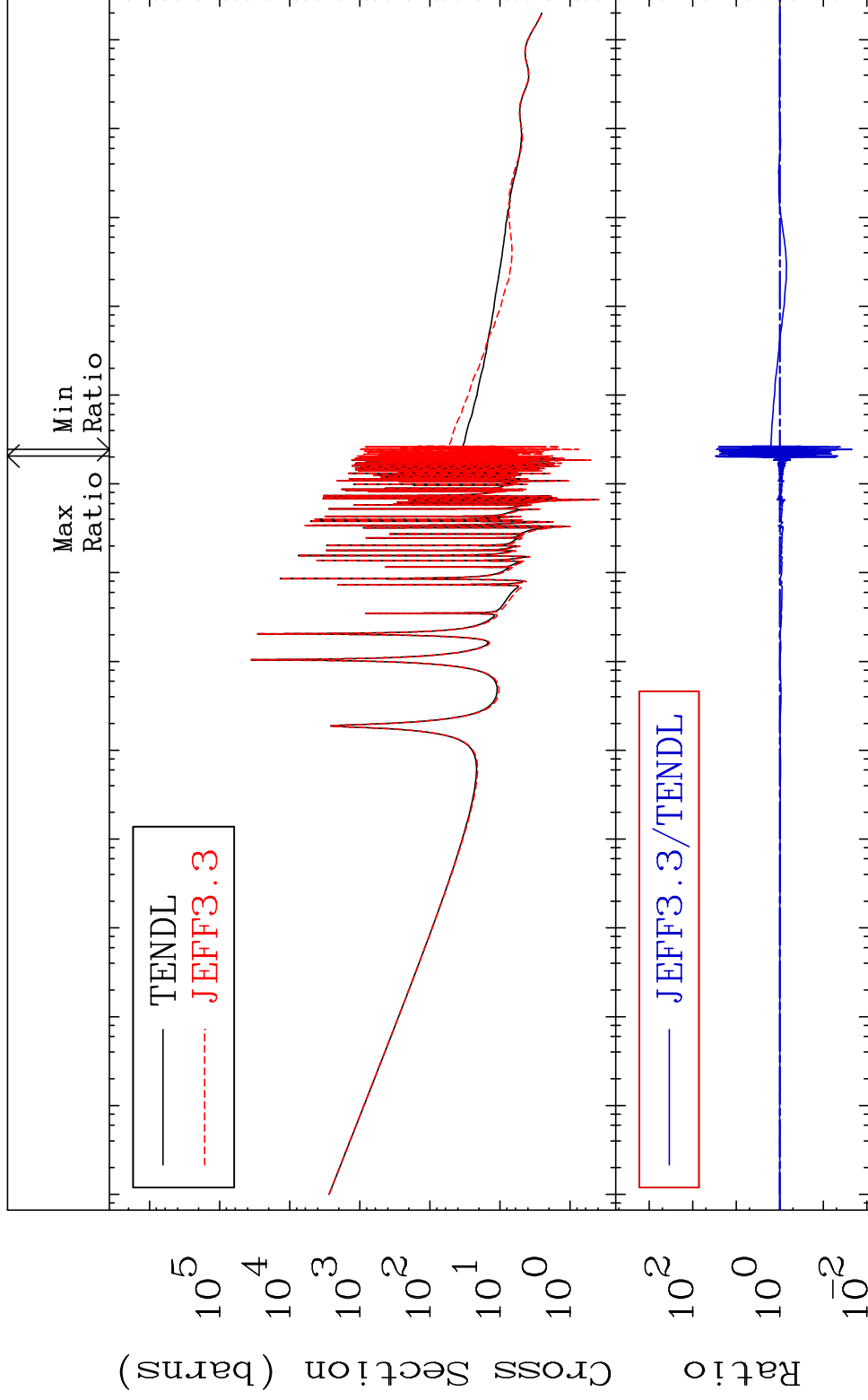
MAT 6637

Total

66-Dy-160

Cross Section

-97.84 To 2877. %



1

Incident Energy (eV)

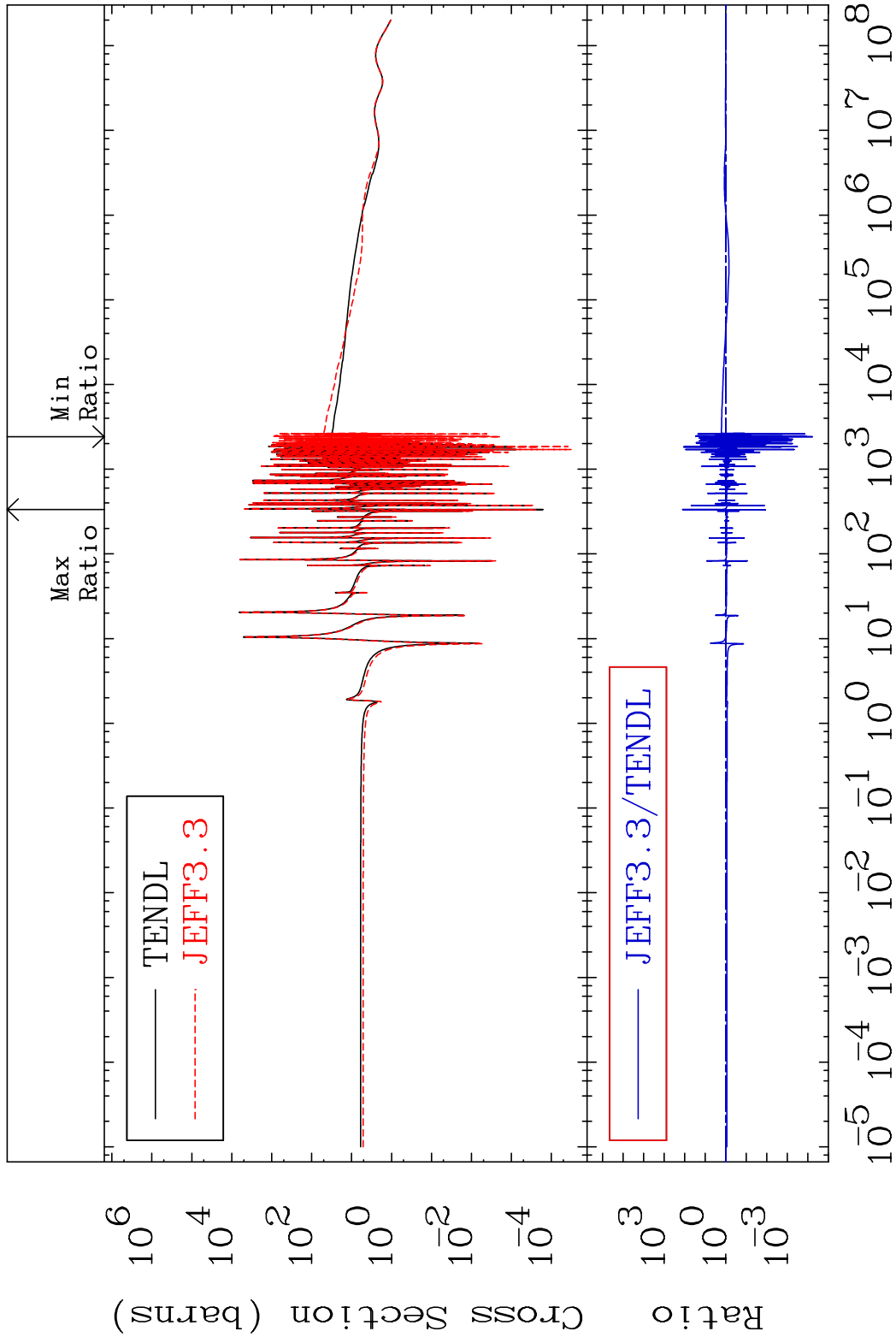
66-Dy-160

MAT 6637

Elastic

66-Dy-160

Cross Section -99.99 To 9999. %



2

Incident Energy (eV)

66-Dy-160

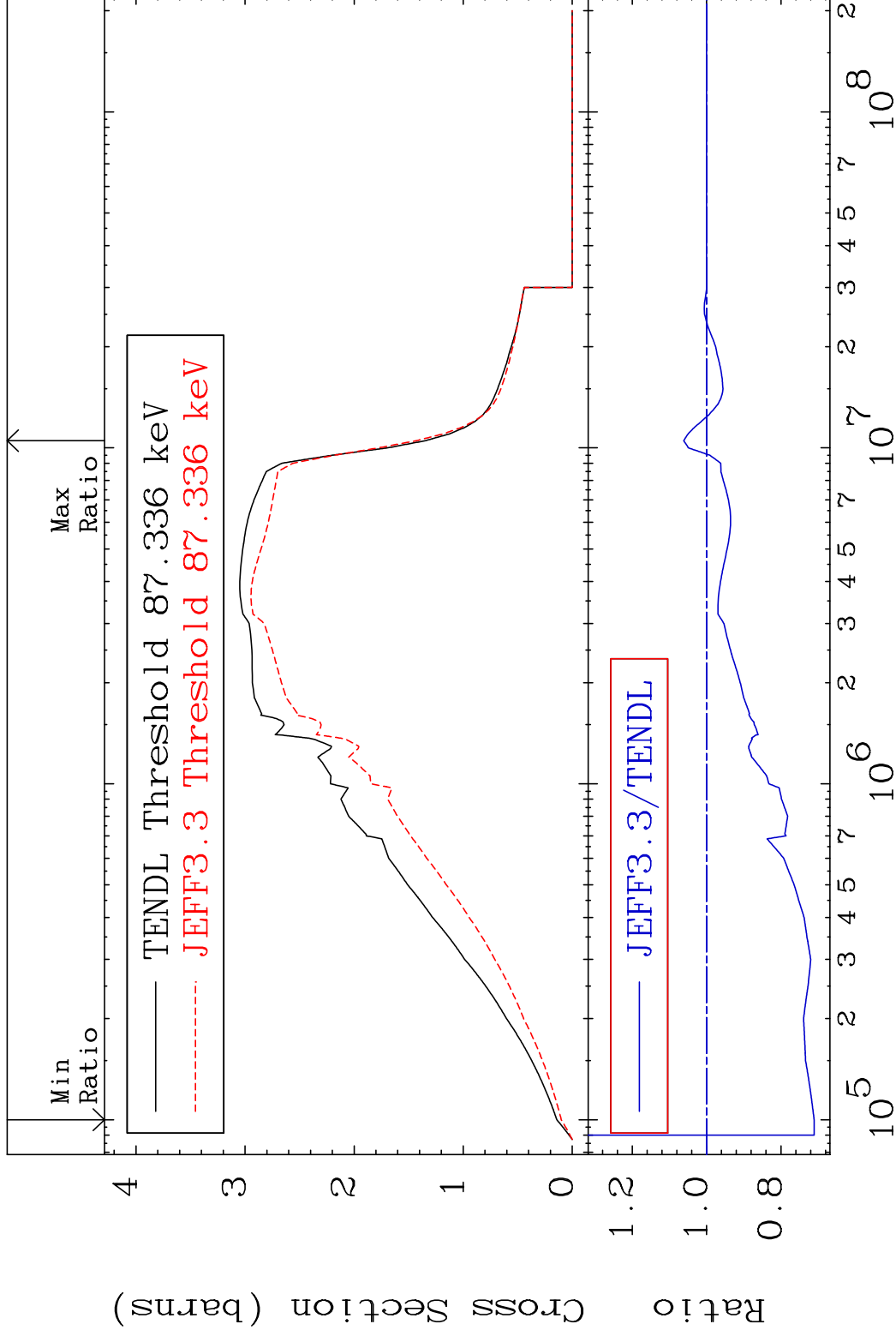
MAT 6637

Inelastic

66-Dy-160

Cross Section

-28.93 To 6.174 %



3

Incident Energy (eV)

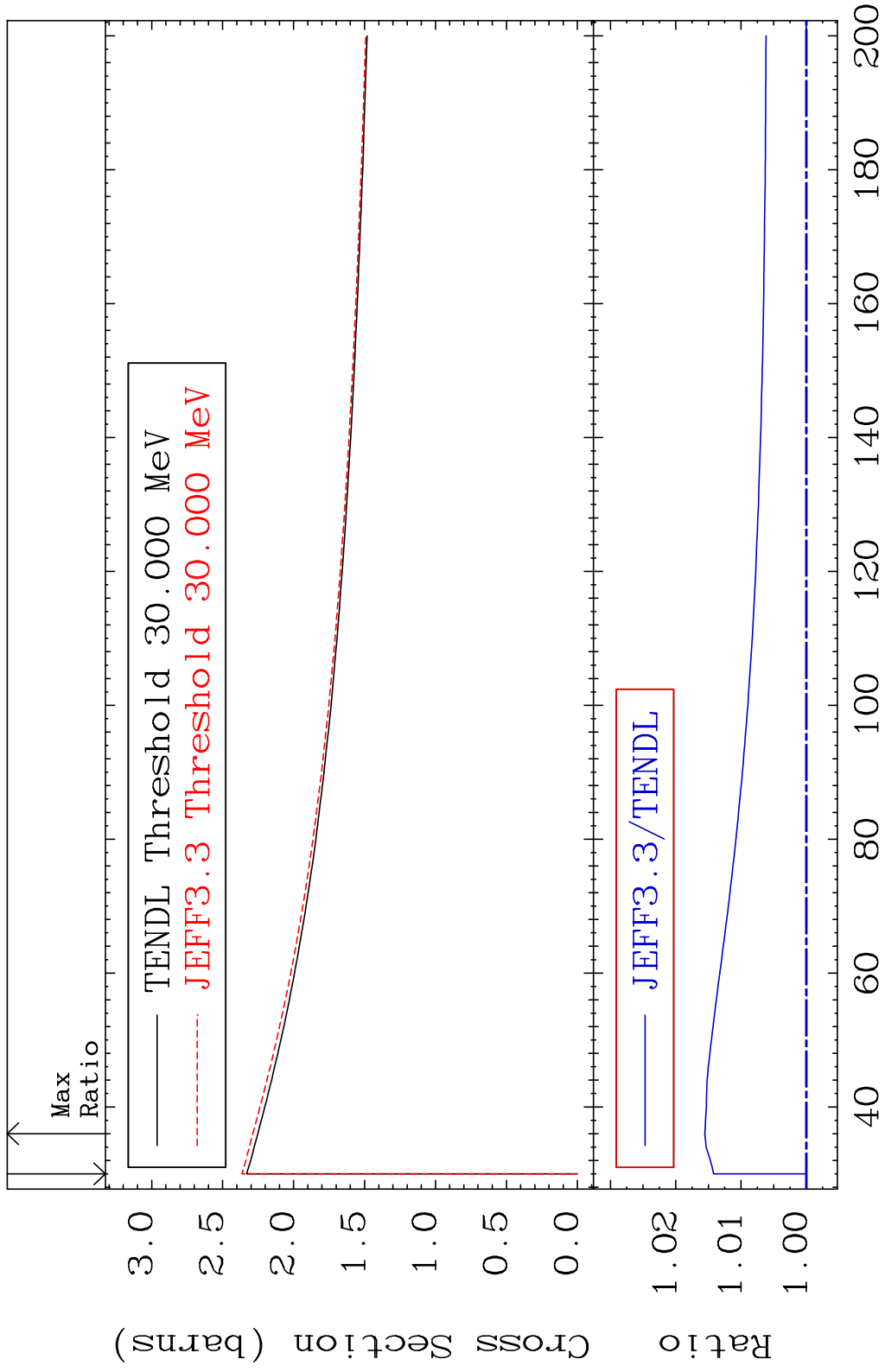
66-Dy-160

MAT 6637

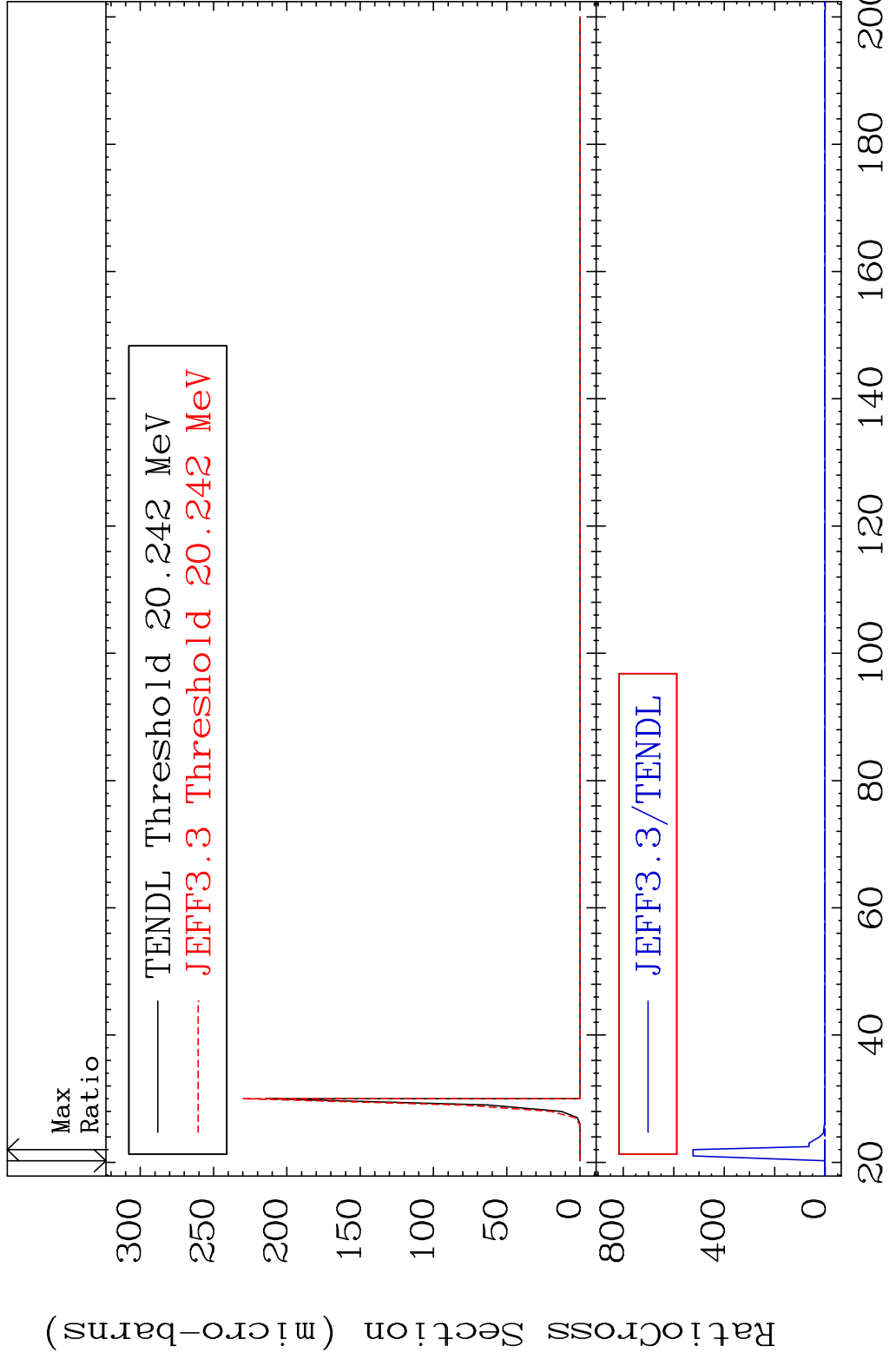
(n, remainder)

66-Dy-160

Cross Section 0.000 To 1.554 %



MAT 6637 (n,2n) d 66-Dy-160
Cross Section -100.0 To 9999. %

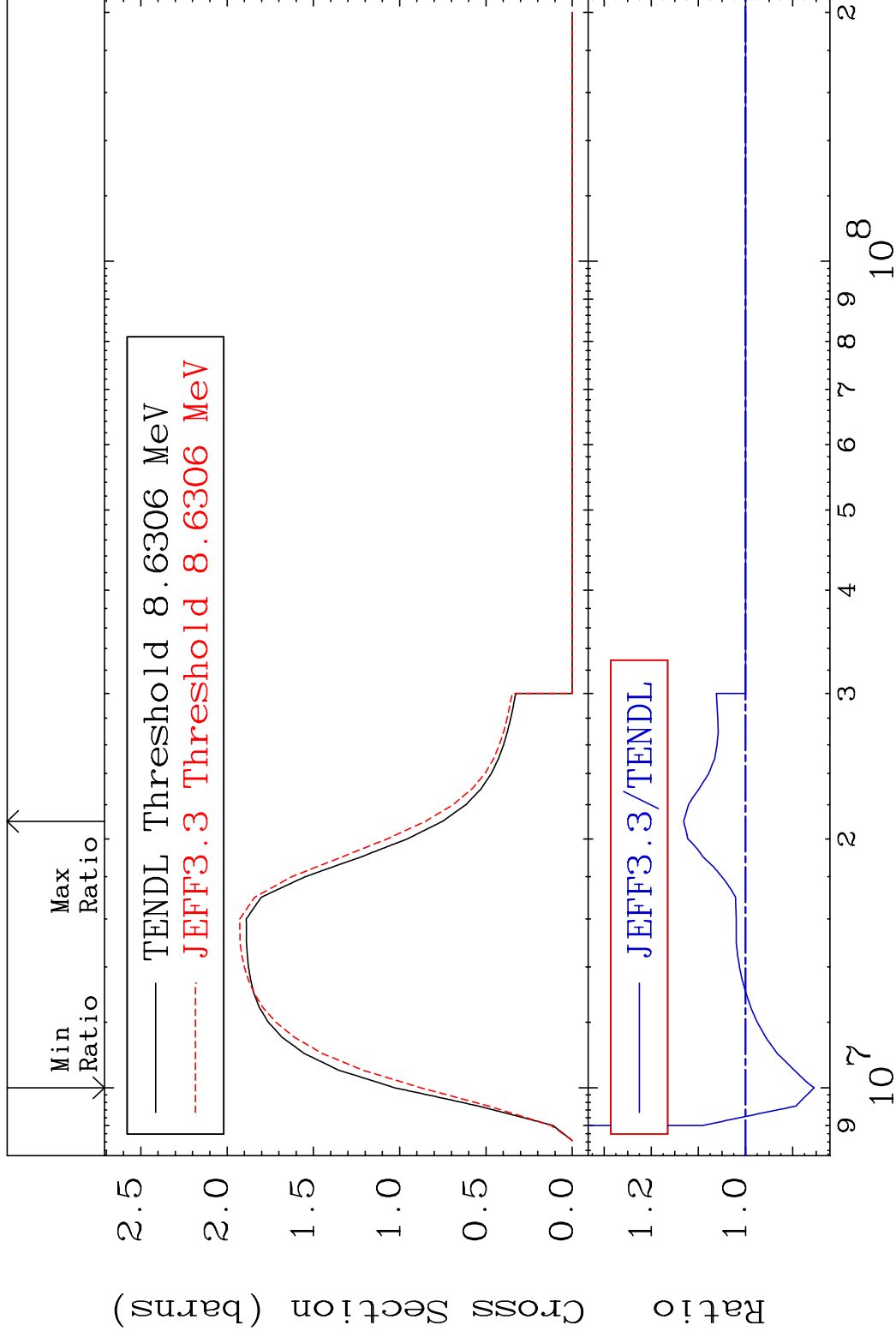


MAT 6637

(n,2n)

66-Dy-160

Cross Section -14.54 To 13.13 %



6

Incident Energy (eV)

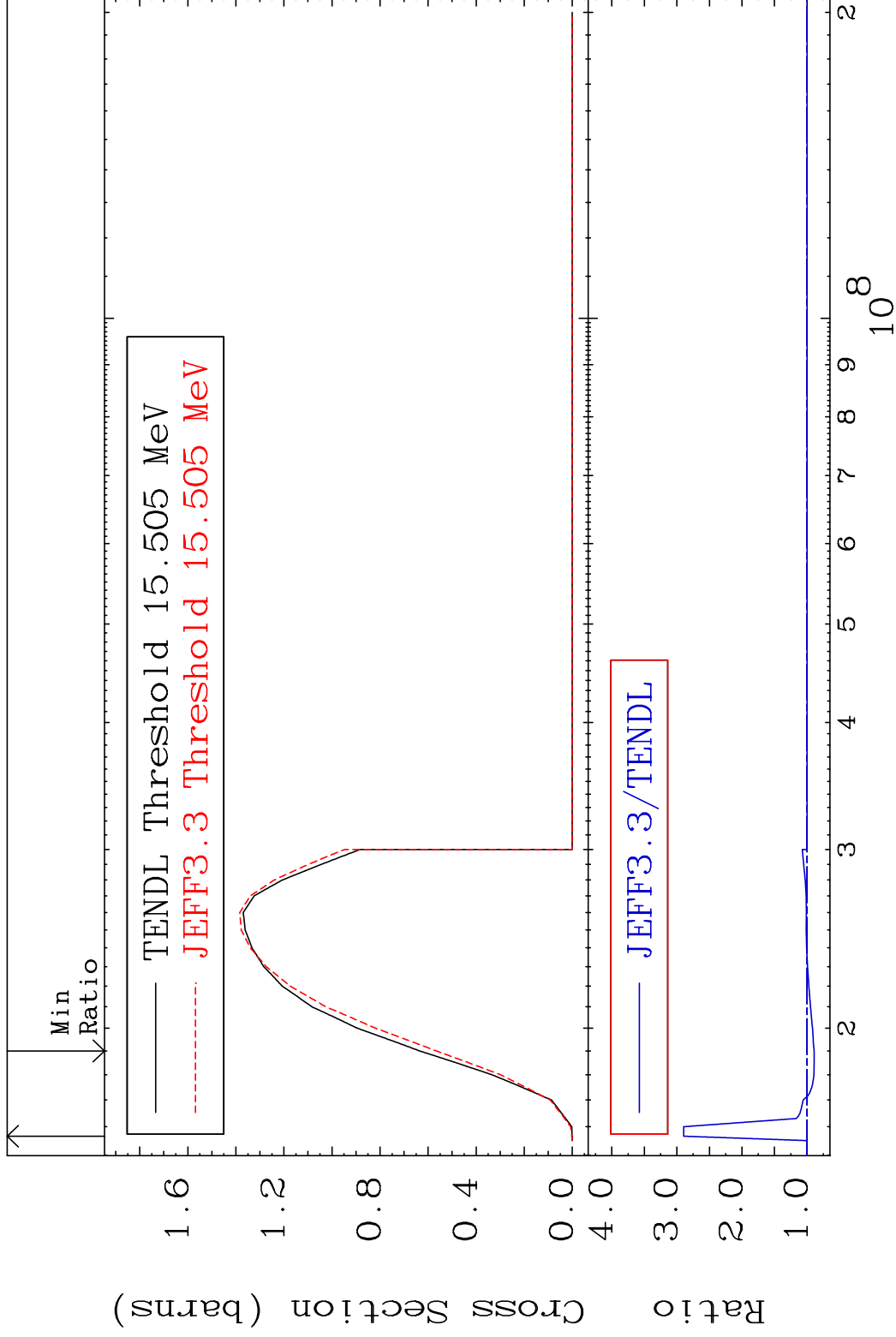
66-Dy-160

MAT 6637

(n,3n)

66-Dy-160

Cross Section -10.88 To 189.6 %

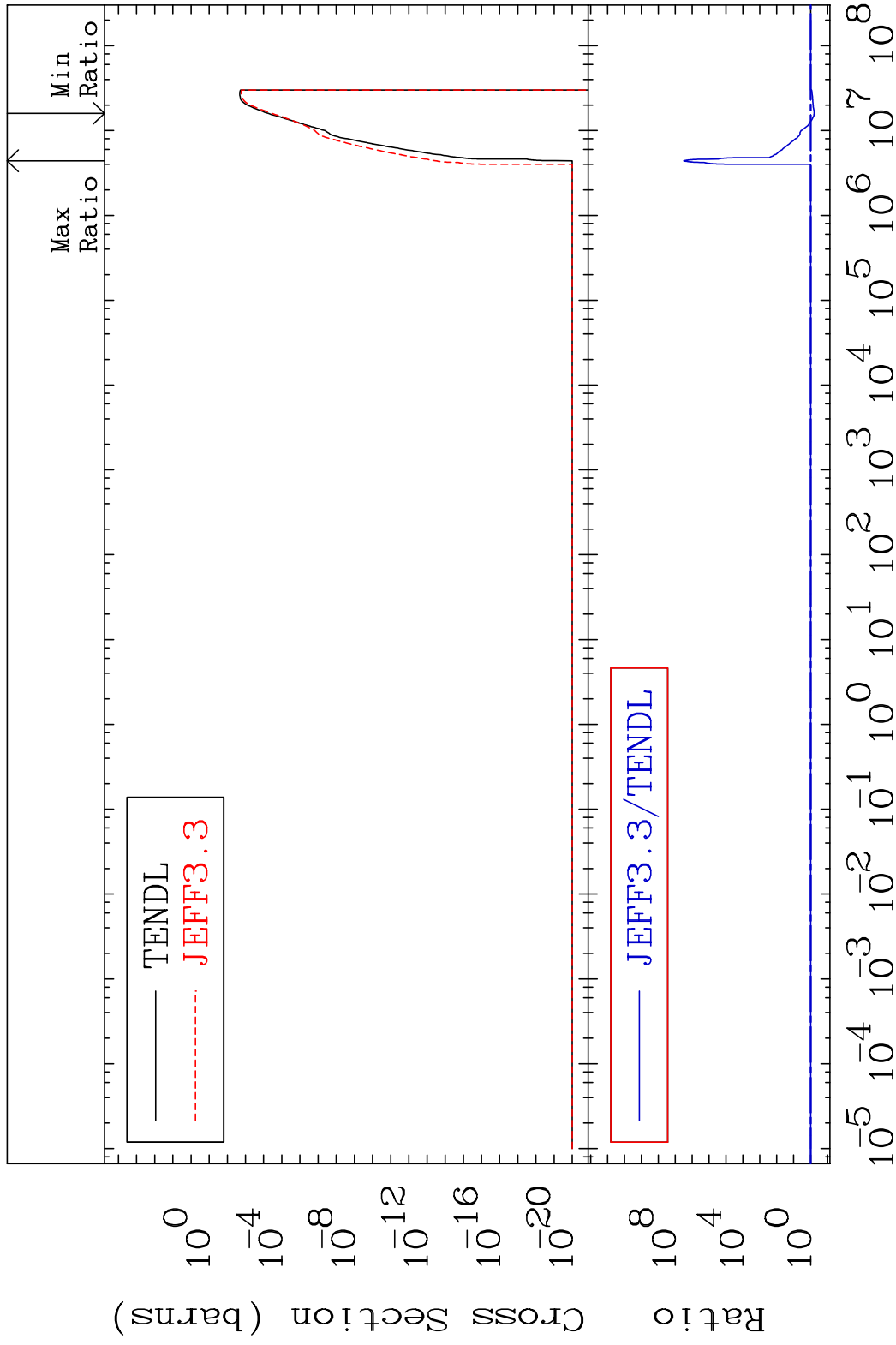


MAT 6637

(n, n') α

66-Dy-160

Cross Section -37.72 To 9999. %

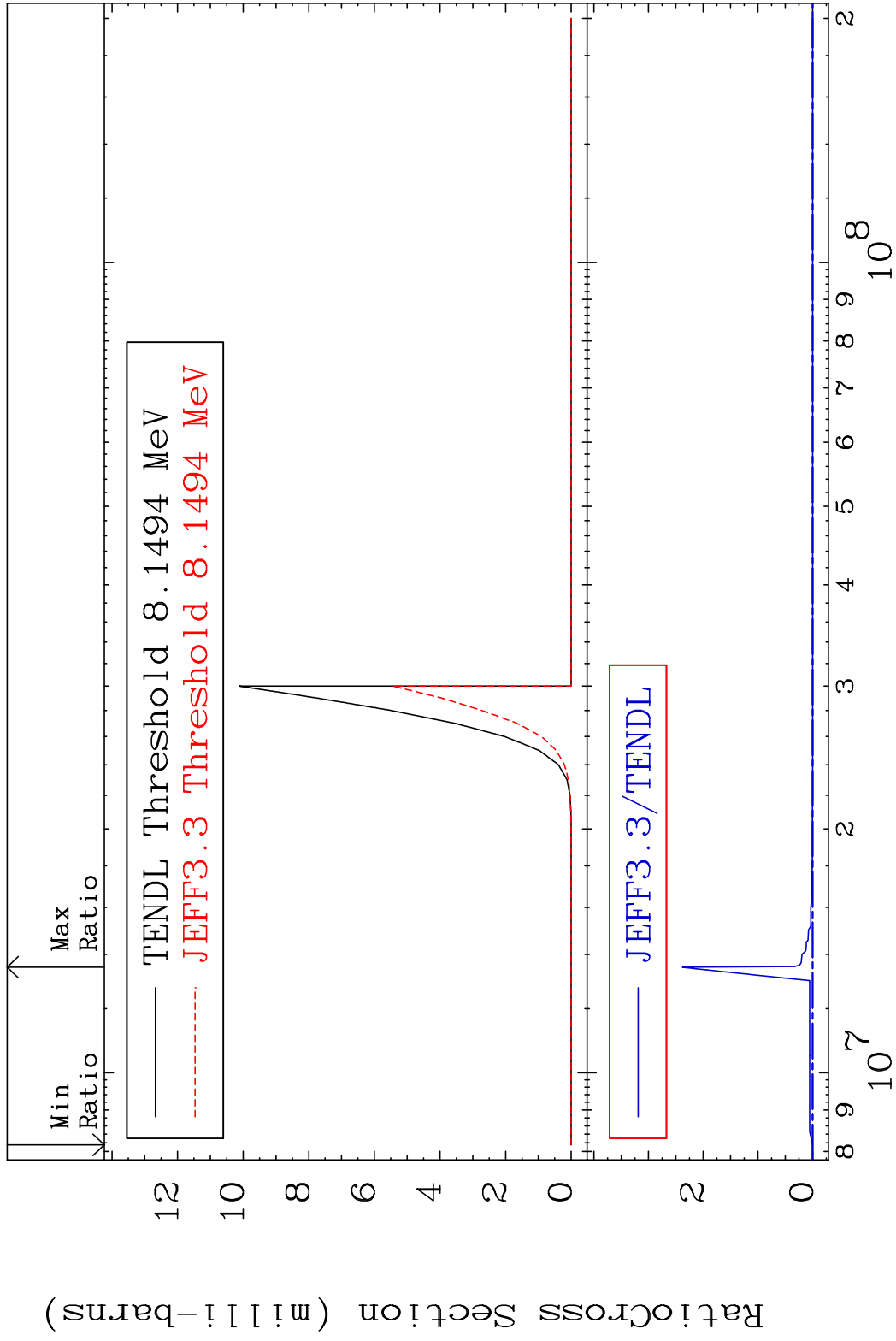


8

Incident Energy (eV)

66-Dy-160

MAT 6637 (n,2n) α 66-Dy-160
Cross Section -100.0 To 9999. %



9 8 7 6 5 4 3 2 1 0 0 2 4 6 8 10 12

10⁹ 10⁸

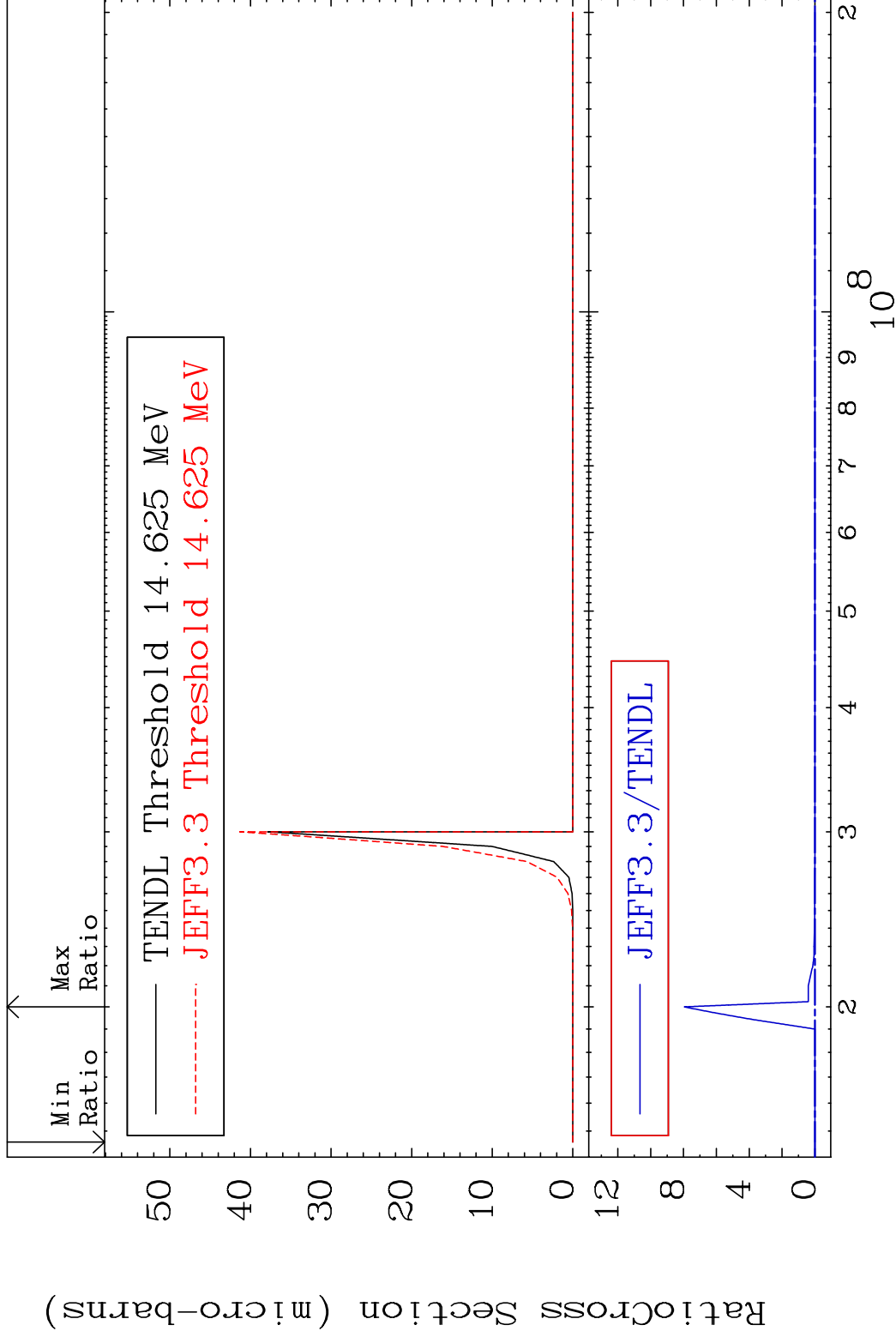
66-Dy-160

MAT 6637

(n,3n) α

66-Dy-160

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

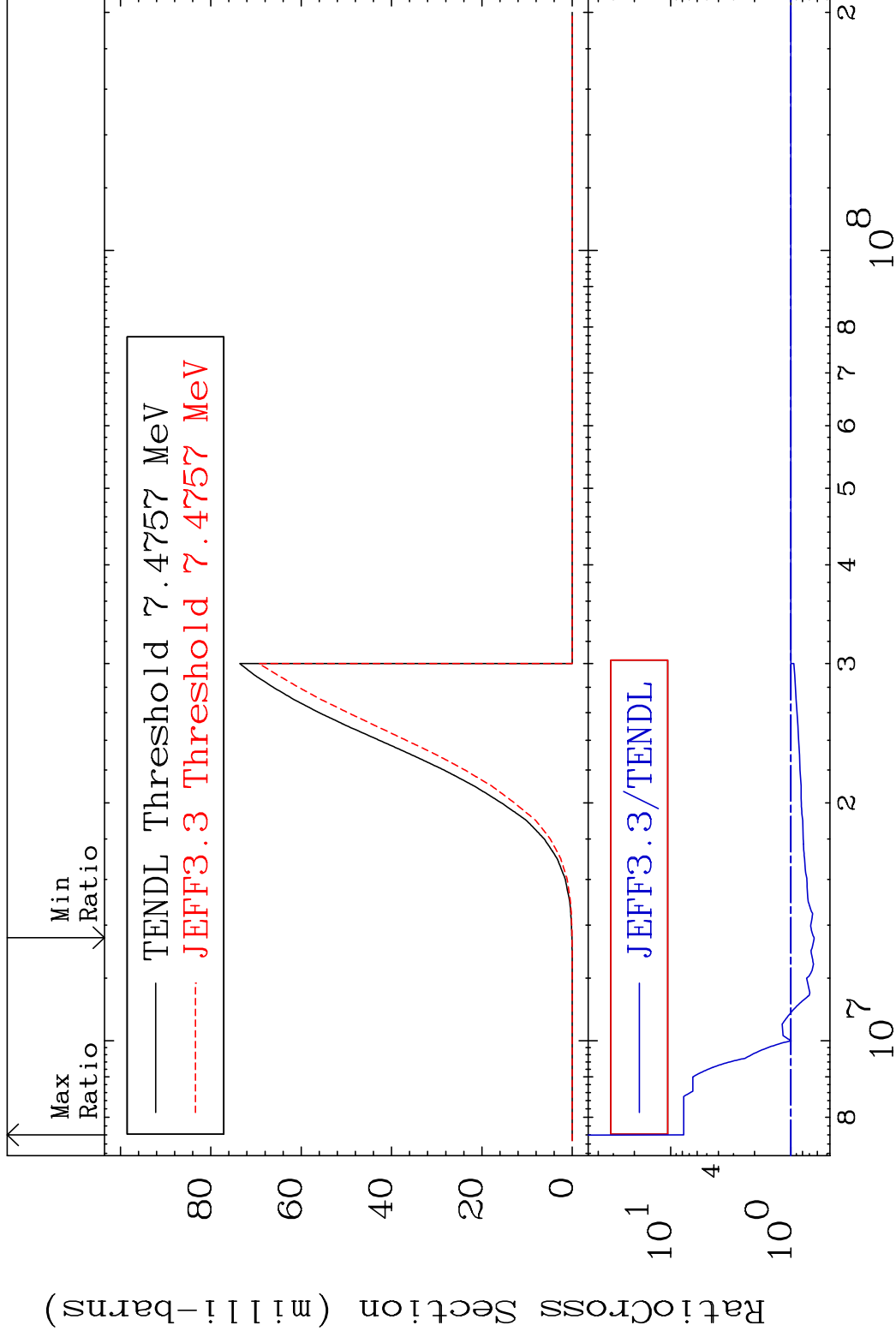
66-Dy-160

MAT 6637

(n, n') p

66-Dy-160

Cross Section -36.07 To 678.1 %



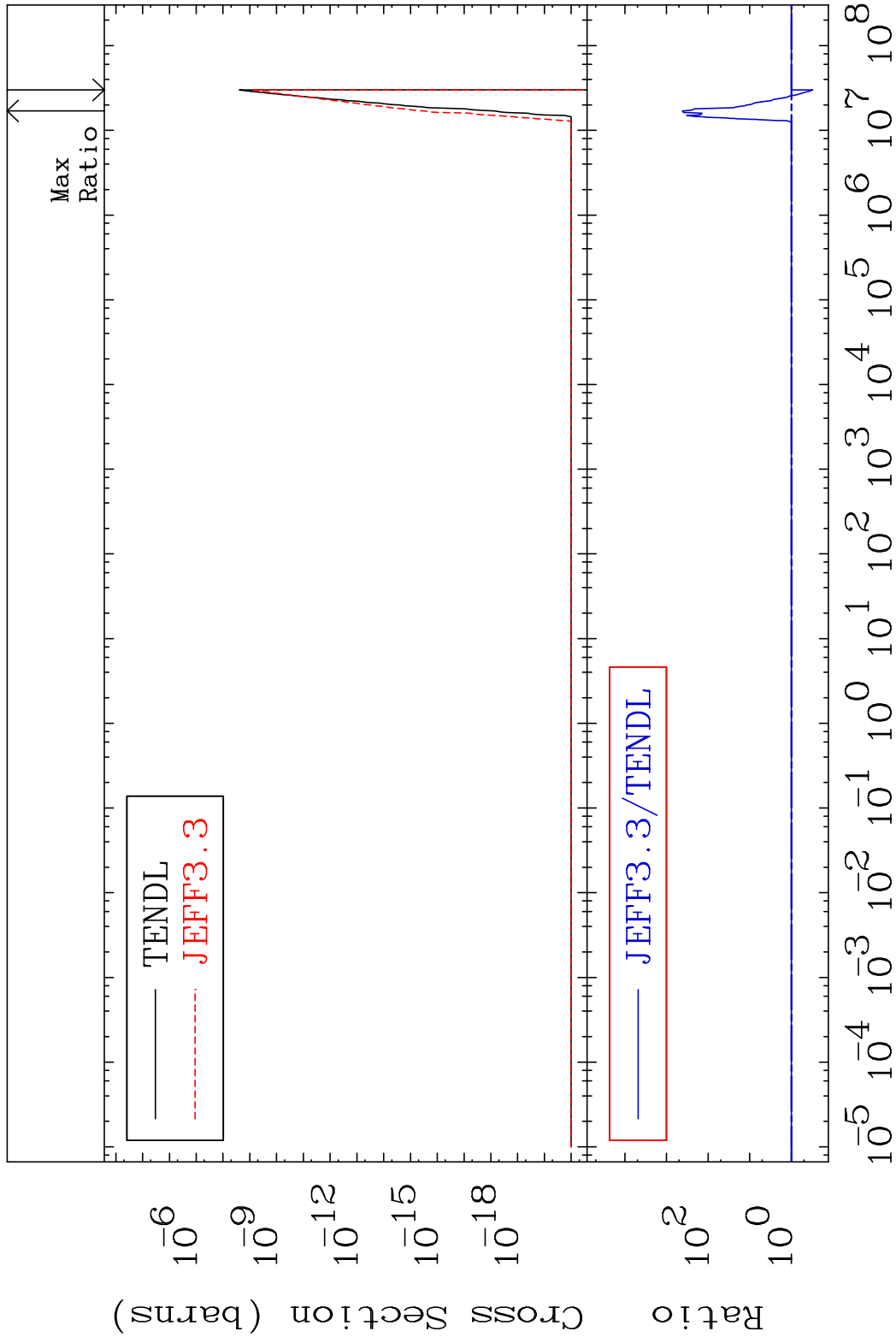
MAT 6637

(n, n') 2α

66-Dy-160

Cross Section

-69.00 To 9999. %



12

Incident Energy (eV)

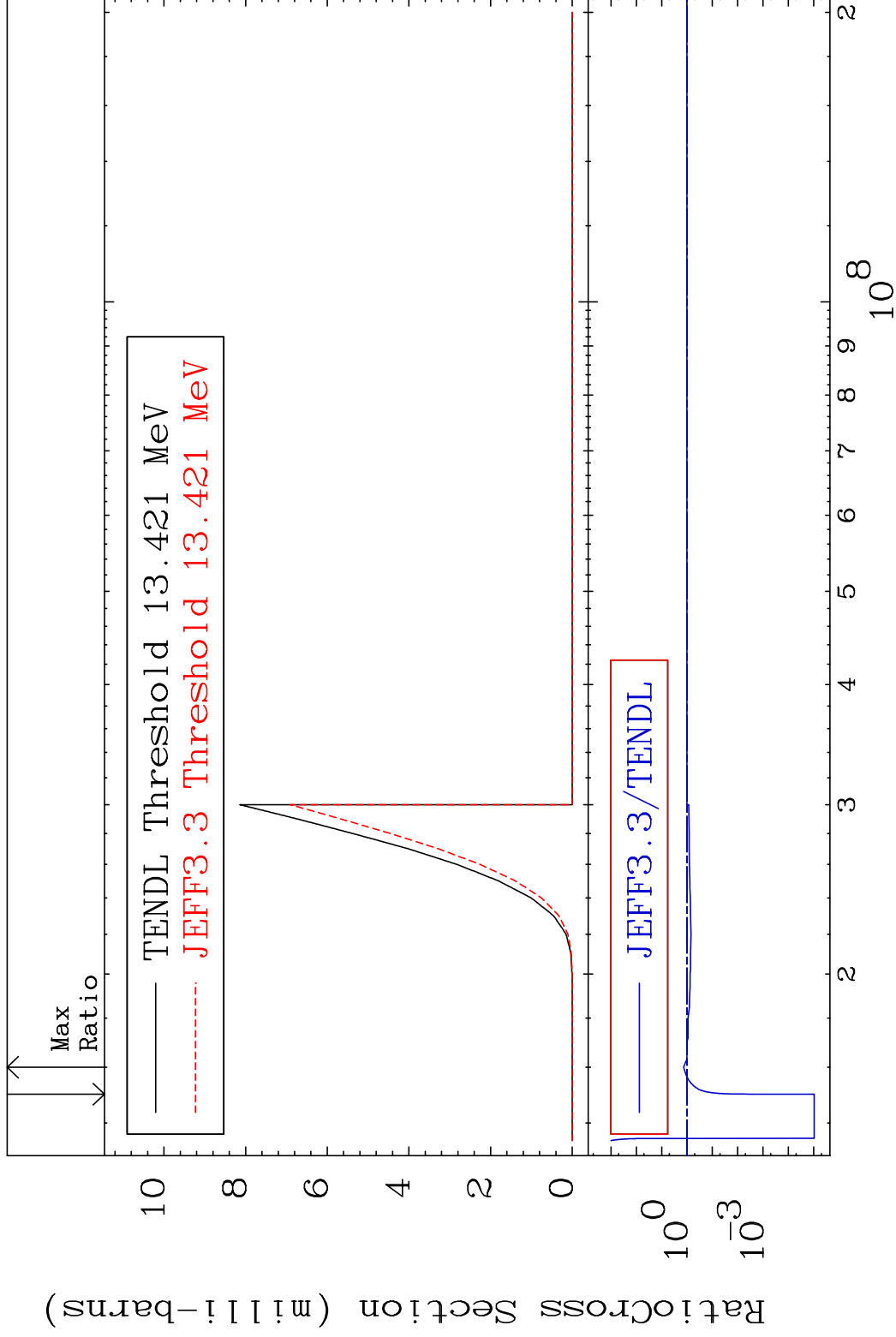
66-Dy-160

MAT 6637

(n, n') d

66-Dy-160

Cross Section -100.0 To 35.54 %



13

Incident Energy (eV)

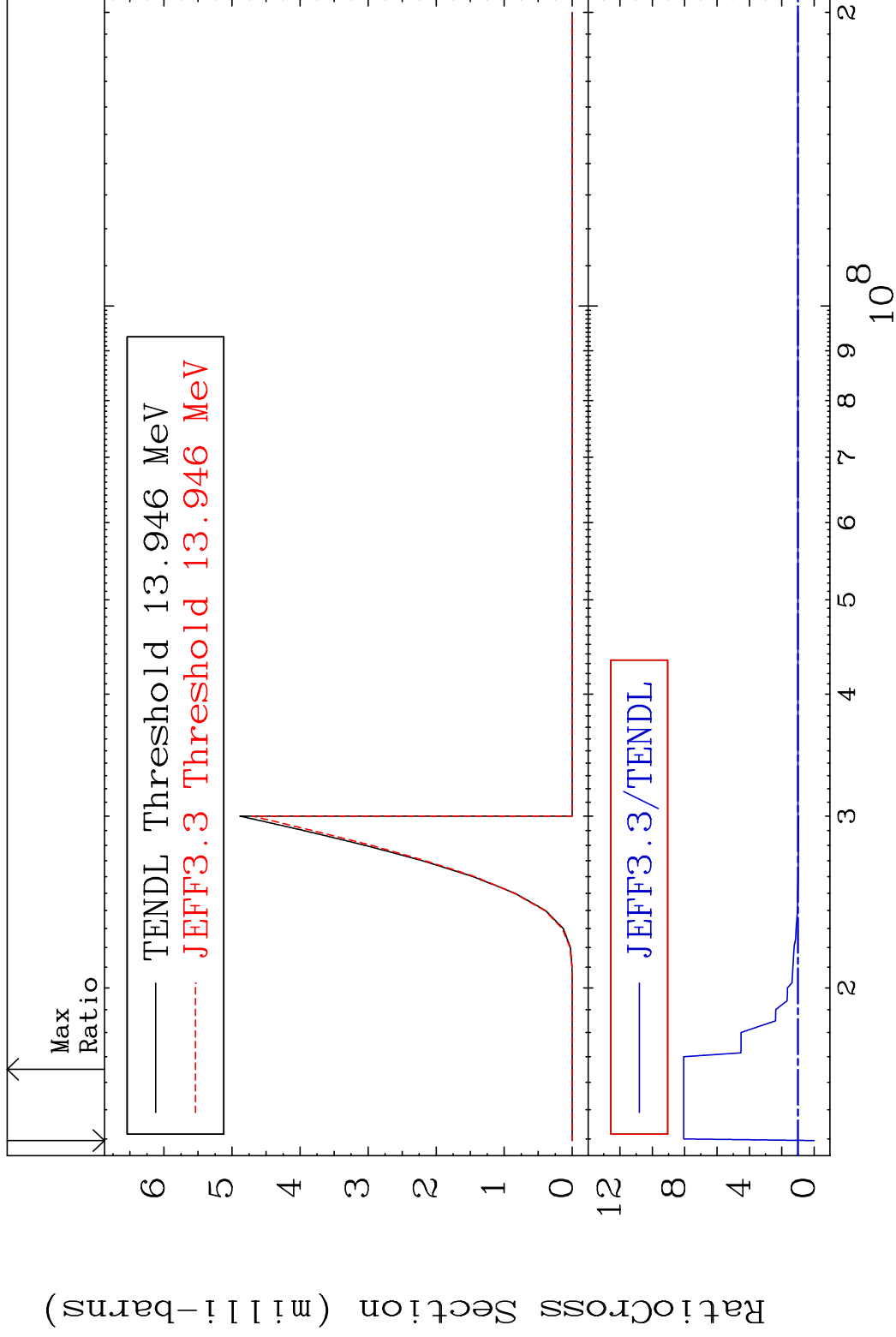
66-Dy-160

MAT 6637

(n, n') t

66-Dy-160

Cross Section -100.0 To 706.4 %

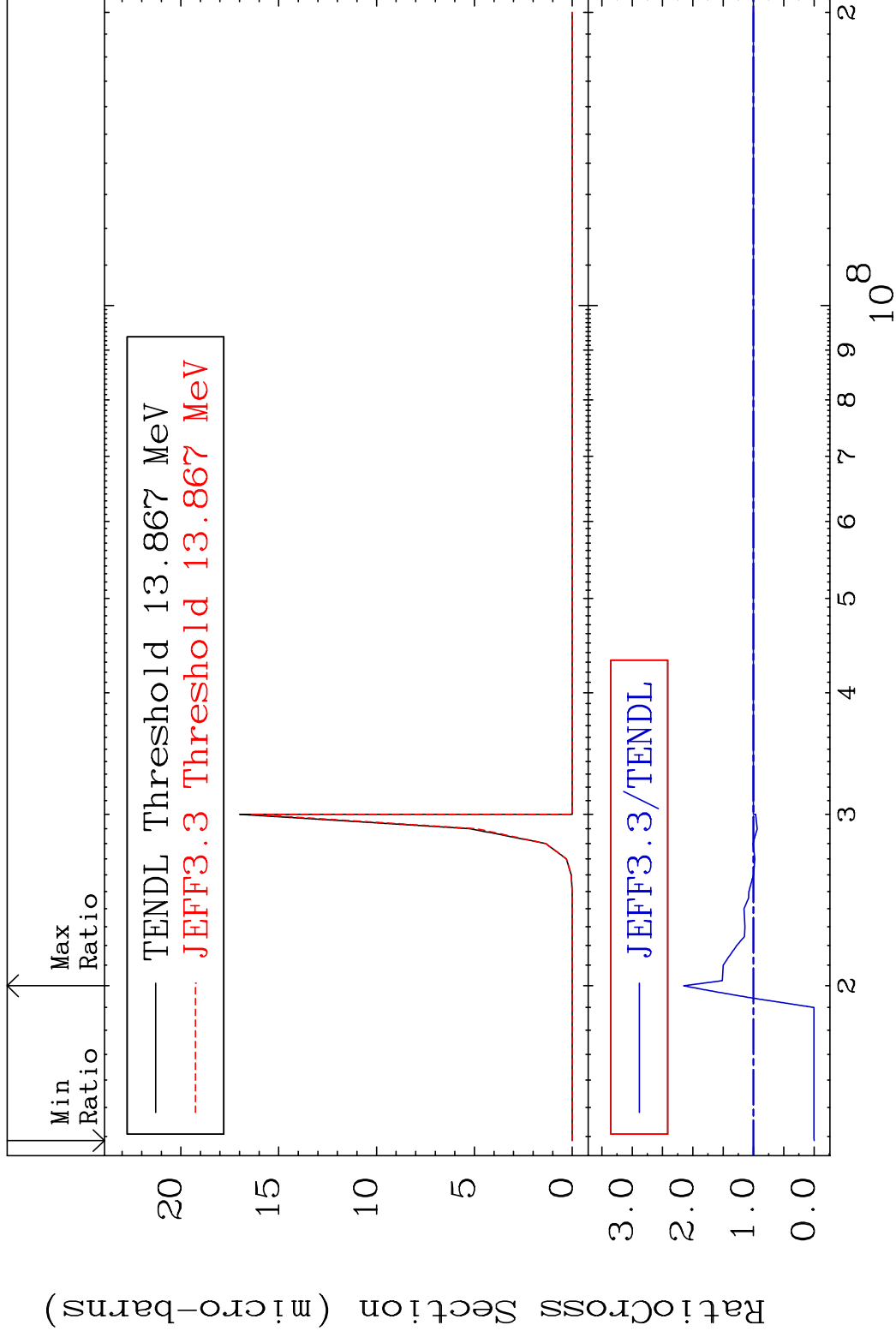


MAT 6637

(n,n') He-3

66-Dy-160

Cross Section -100.0 To 115.2 %



15

Incident Energy (eV)

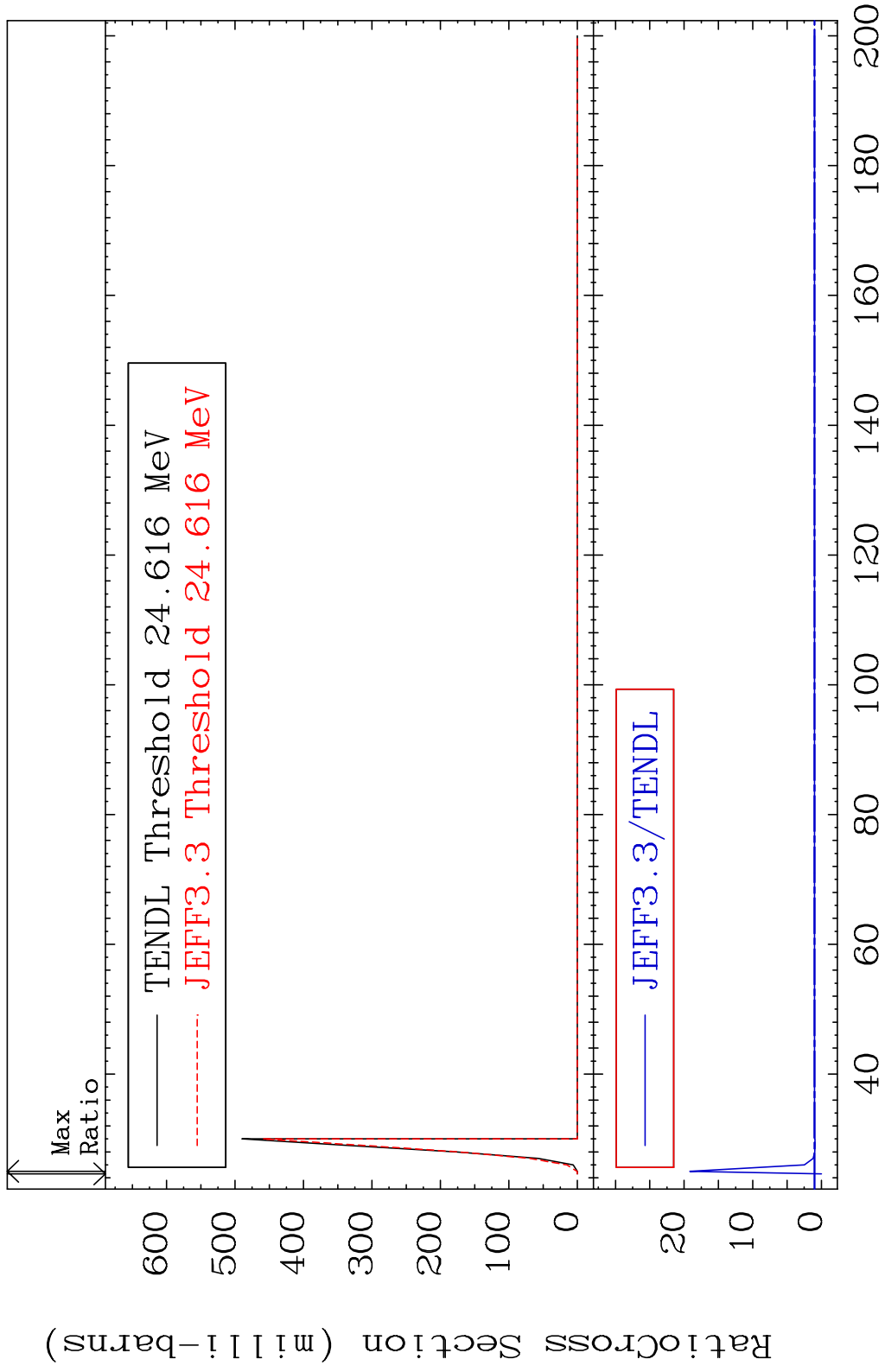
66-Dy-160

MAT 6637

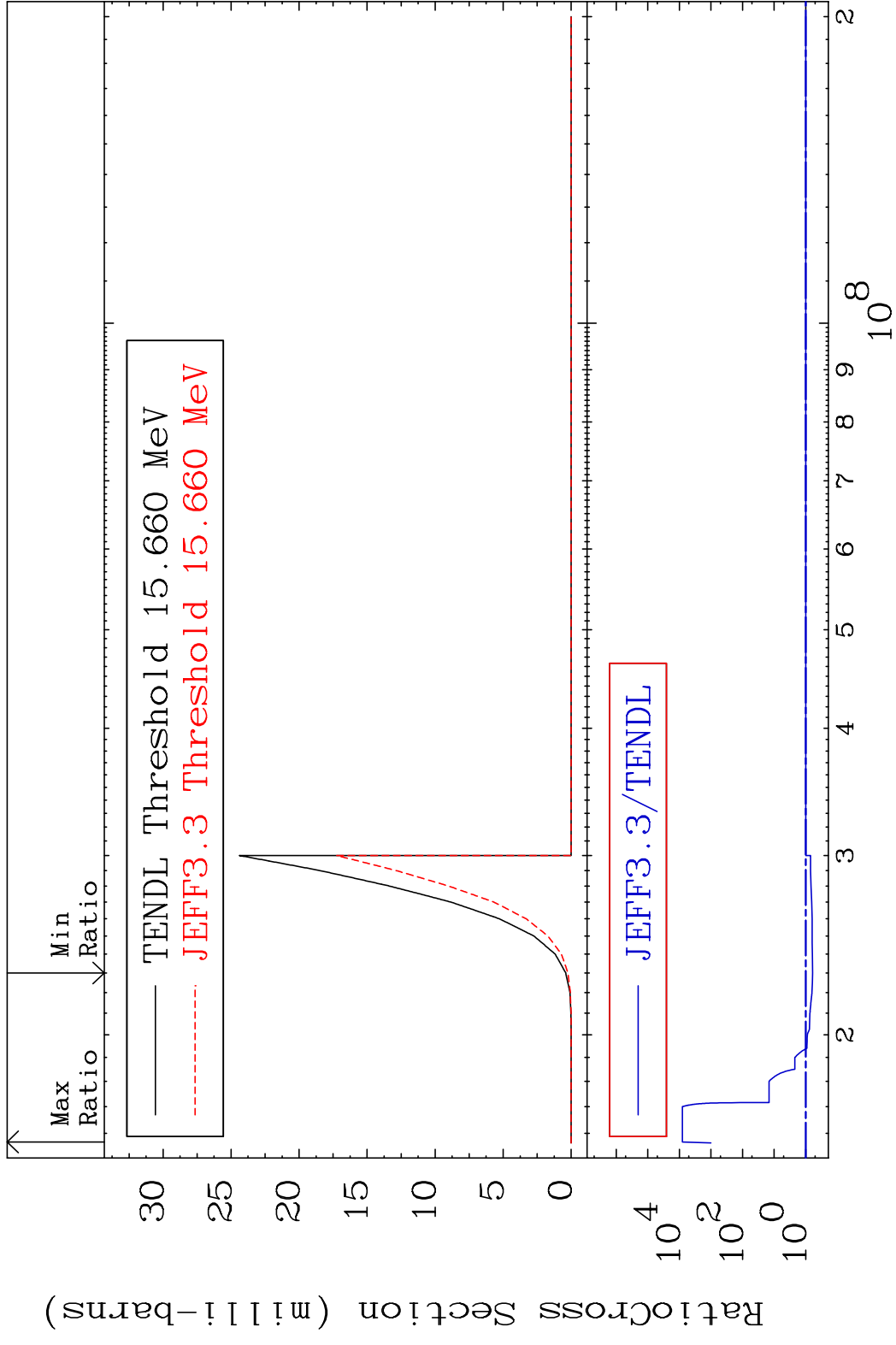
(n,4n)

66-Dy-160

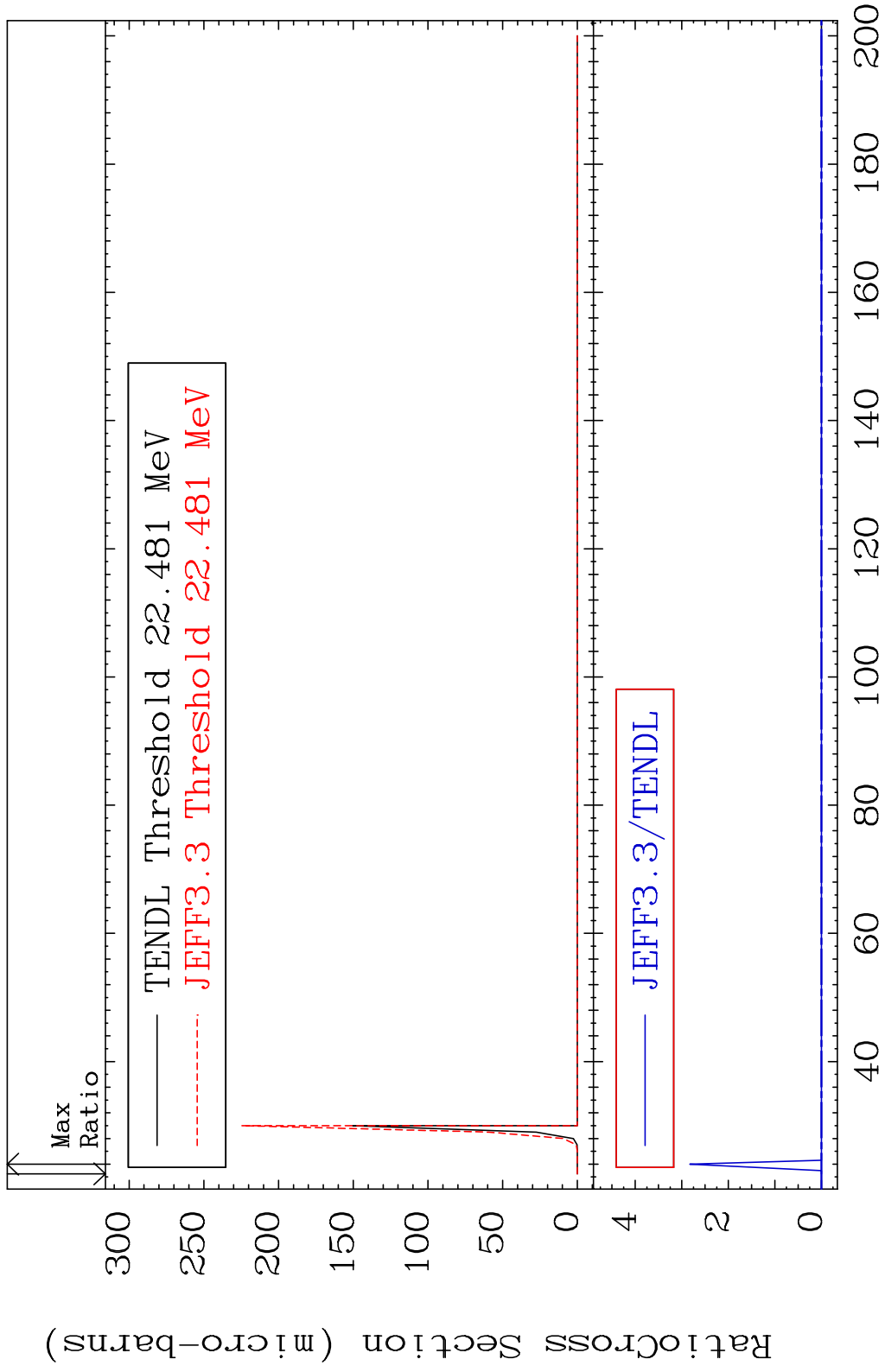
Cross Section -100.0 To 1818. %



MAT 6637 (n,2n) p 66-Dy-160
 Cross Section -39.38 To 9999. %



MAT 6637 (n,3n) p 66-Dy-160
 Cross Section -100.0 To 9999. %

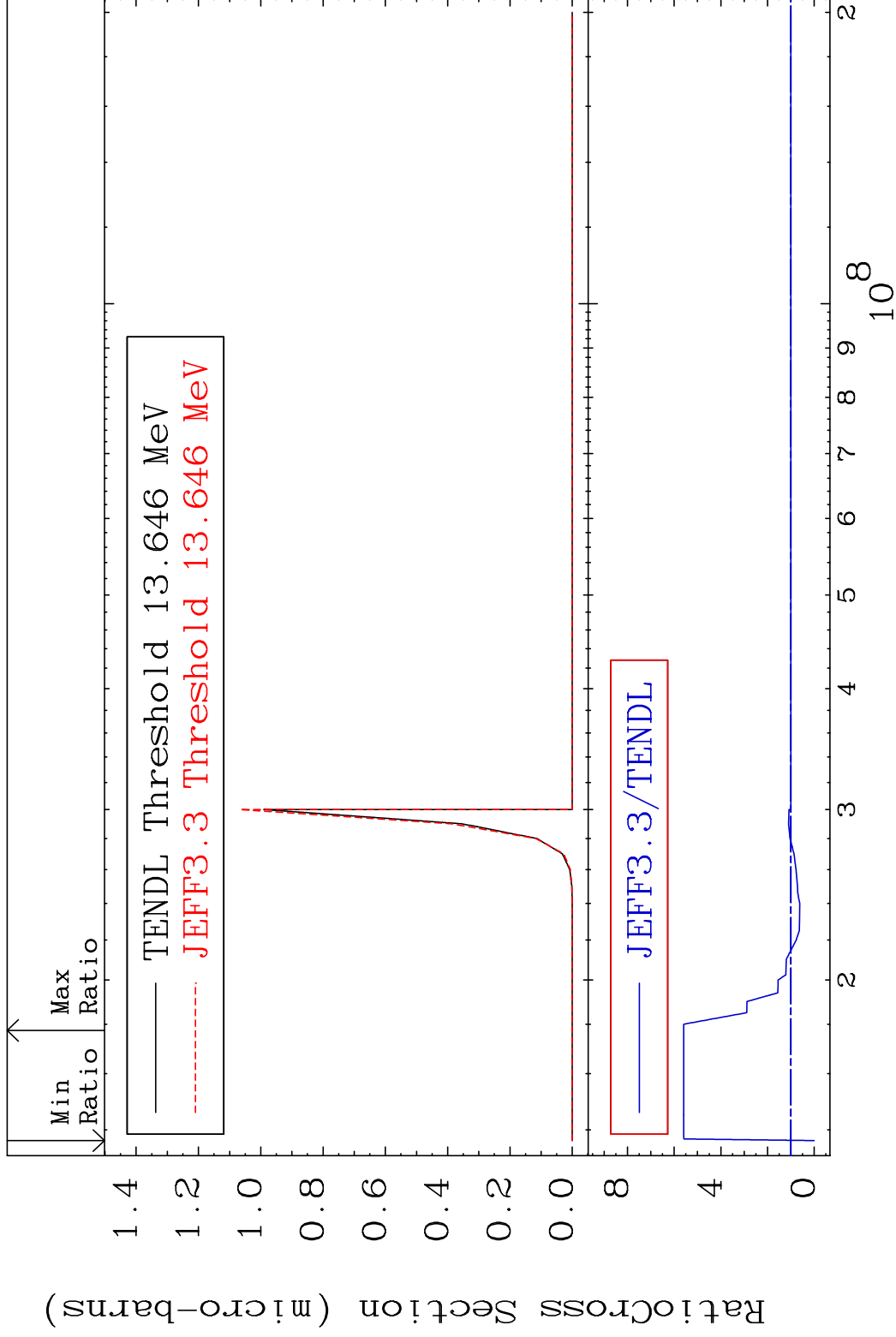


MAT 6637

(n,2n) p

66-Dy-160

Cross Section -100.0 To 459.4 %

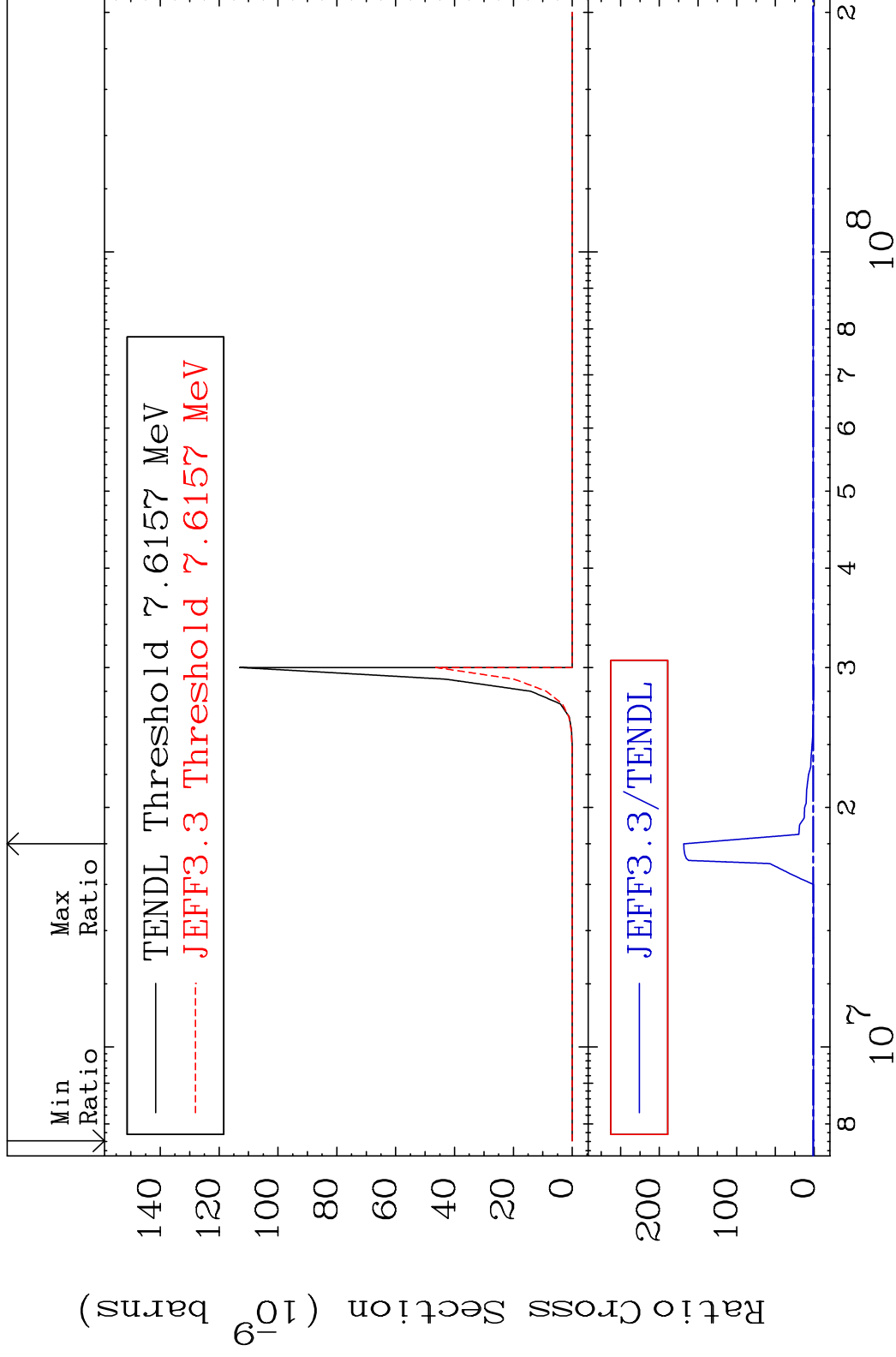


MAT 6637

(n,n') p α

66-Dy-160

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

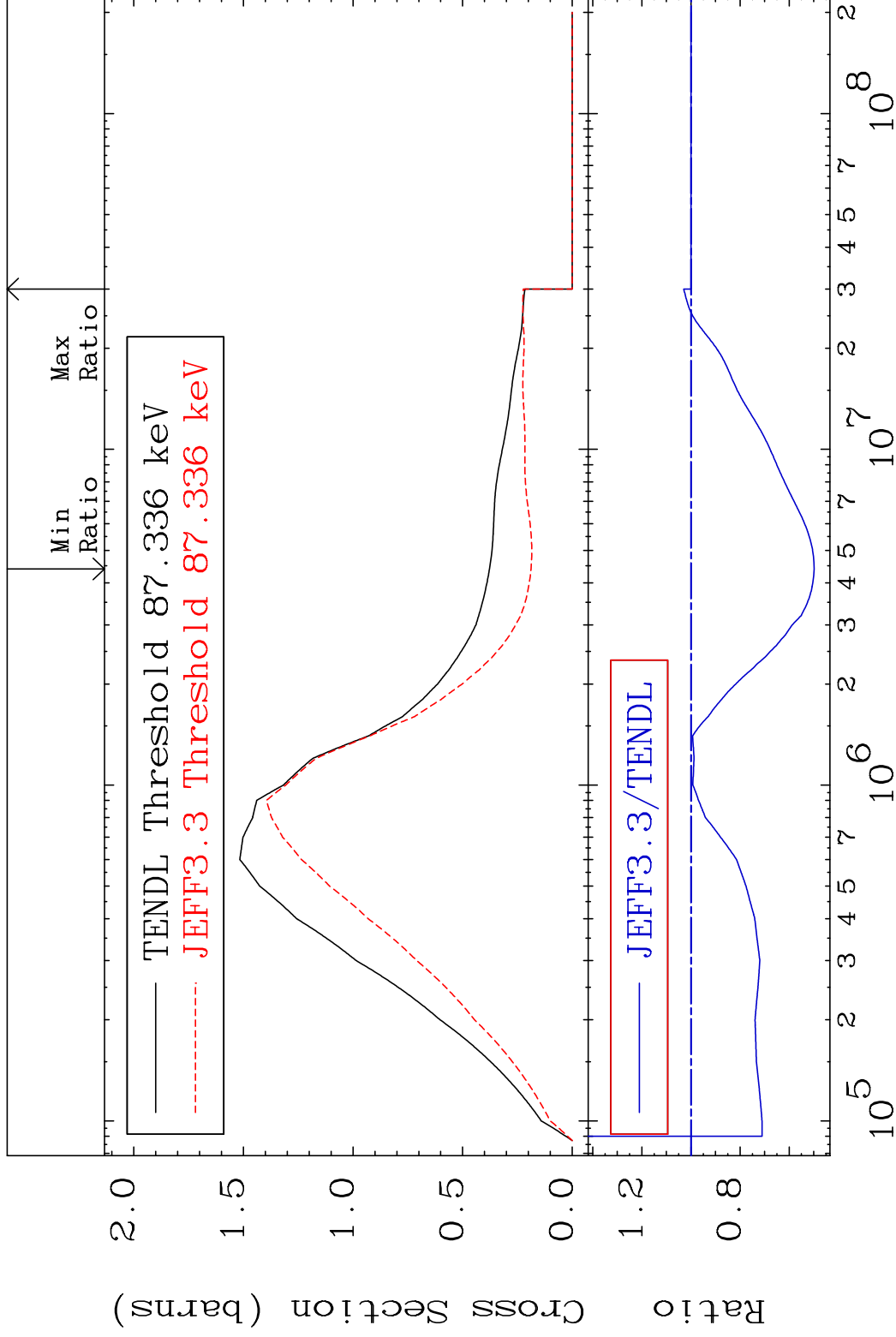
66-Dy-160

MAT 6637

MT= 51 (n, n') Level

66-Dy-160

Cross Section -50.15 To 2.979 %

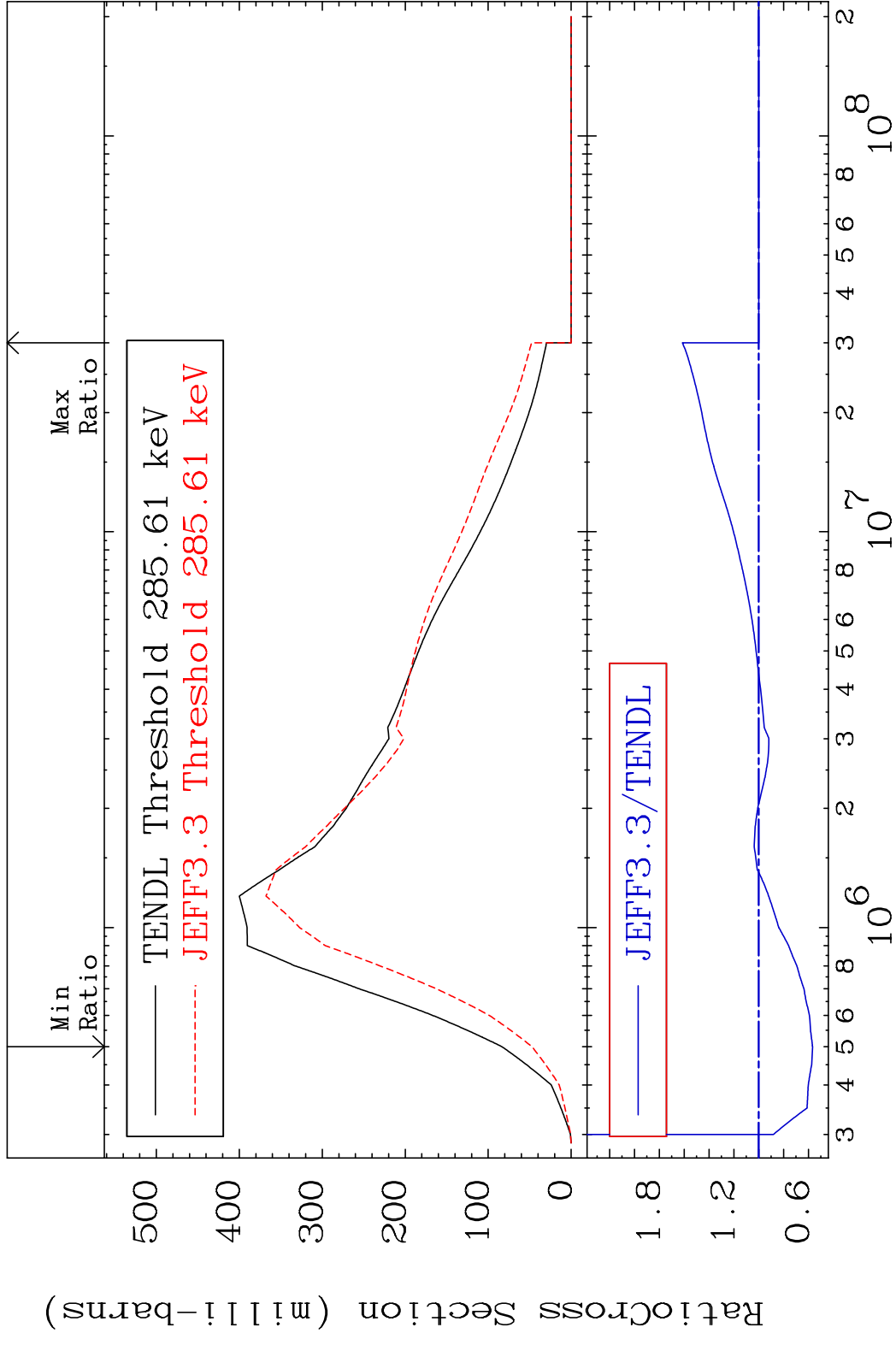


21

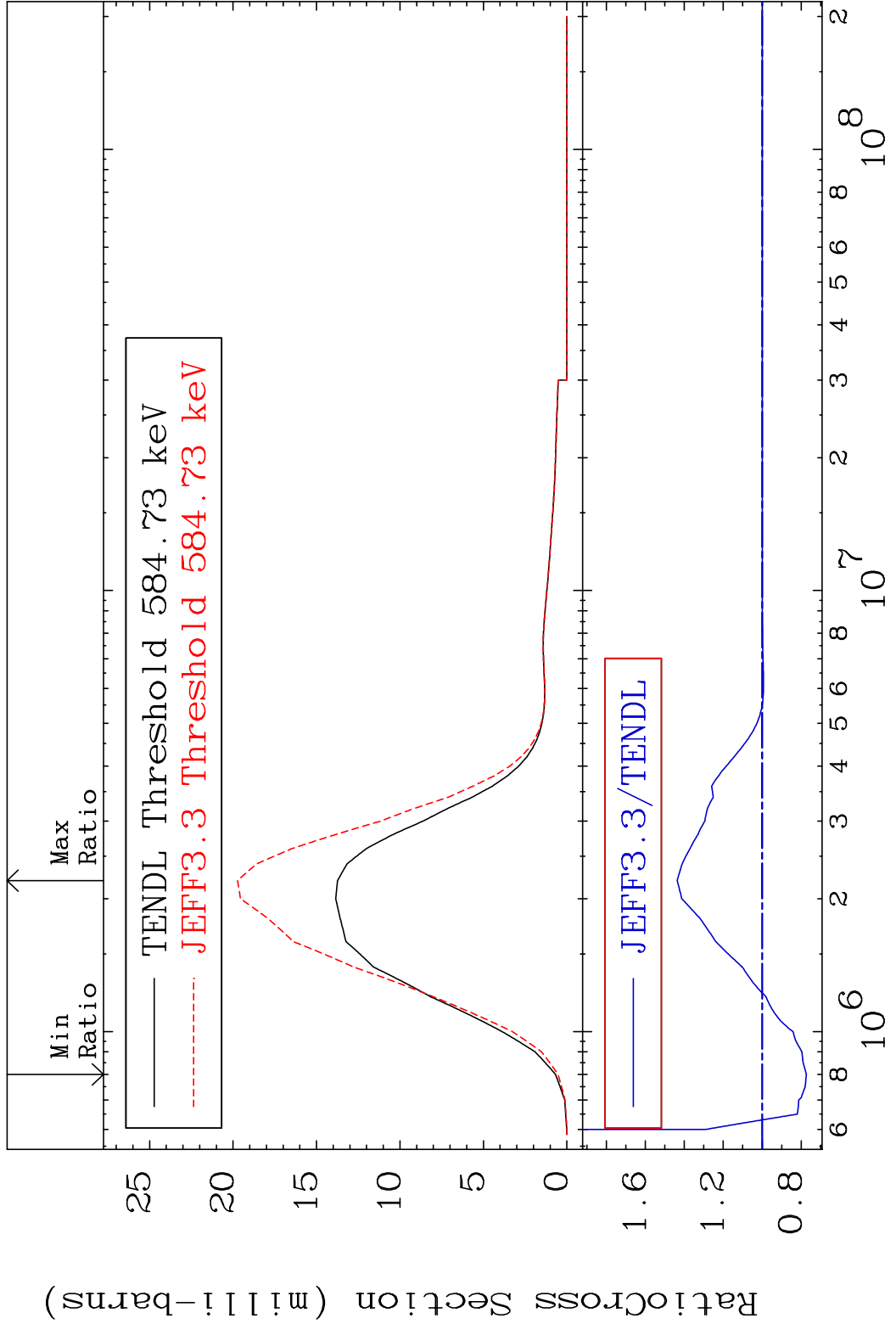
Incident Energy (eV)

66-Dy-160

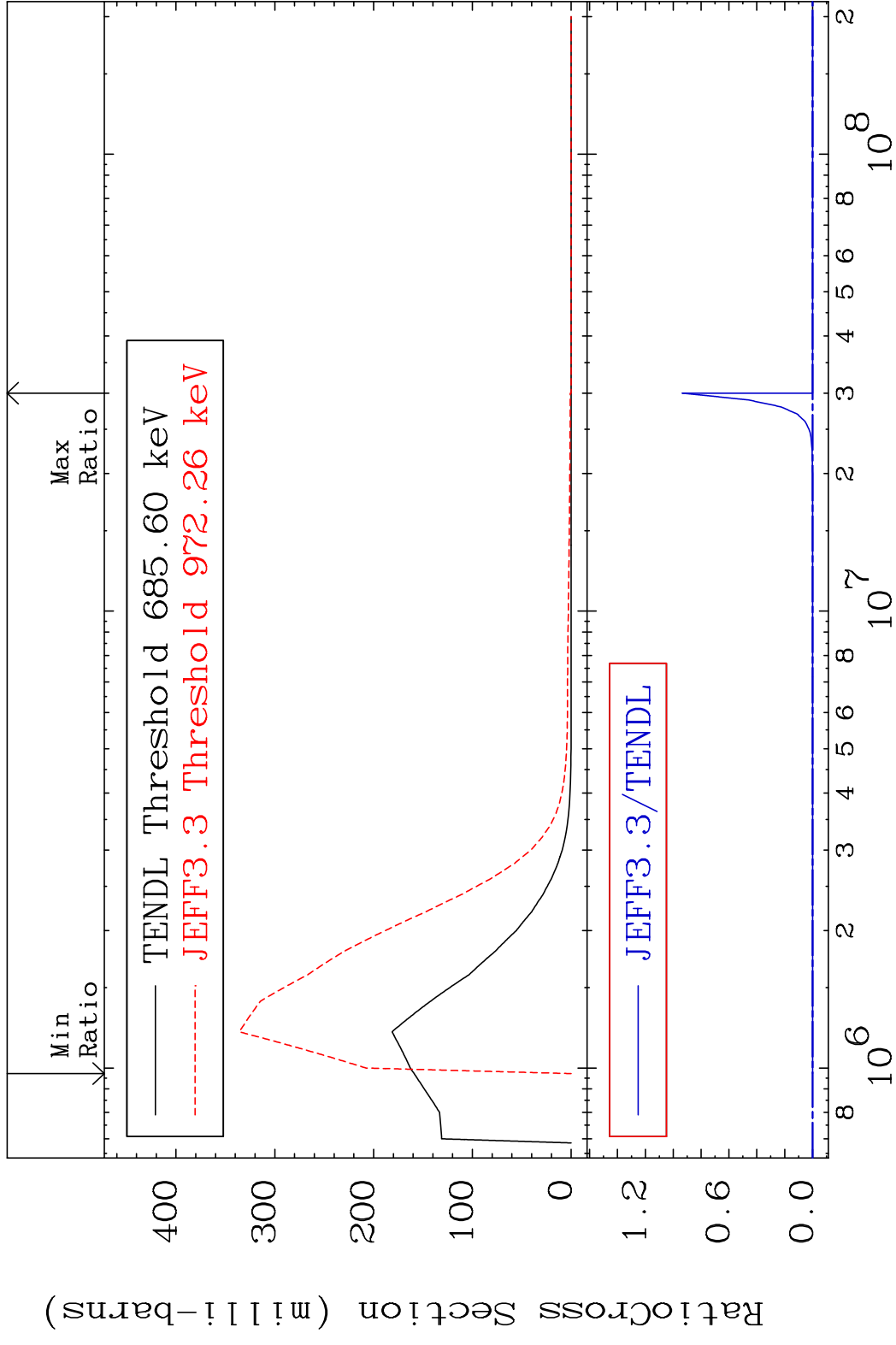
MAT 6637 MT= 52 (n, n') Level 66-Dy-160
 Cross Section -43.35 To 61.41 %



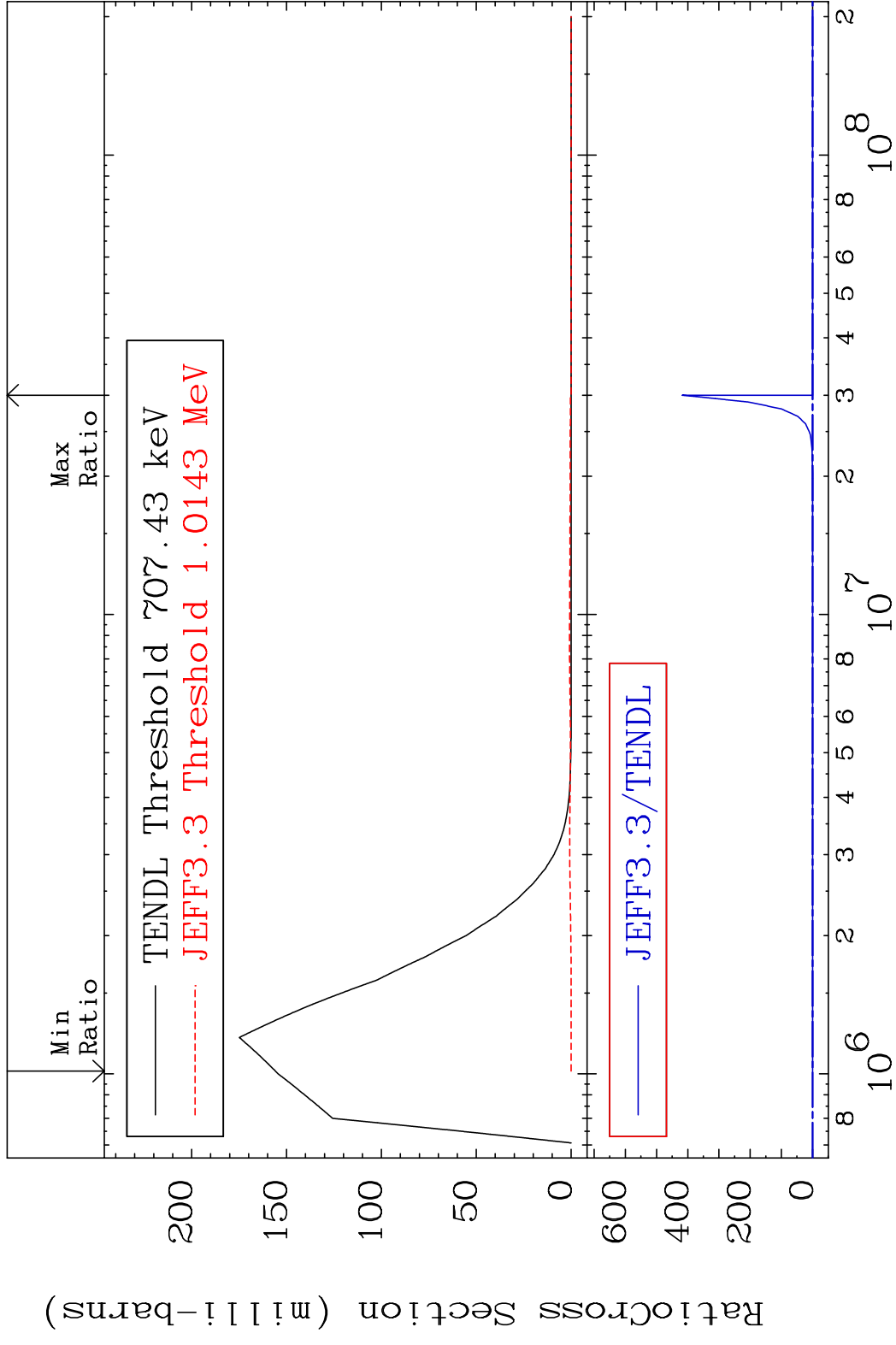
MAT 6637 MT= 53 (n, n') Level 66-Dy-160
 Cross Section -22.69 To 43.65 %



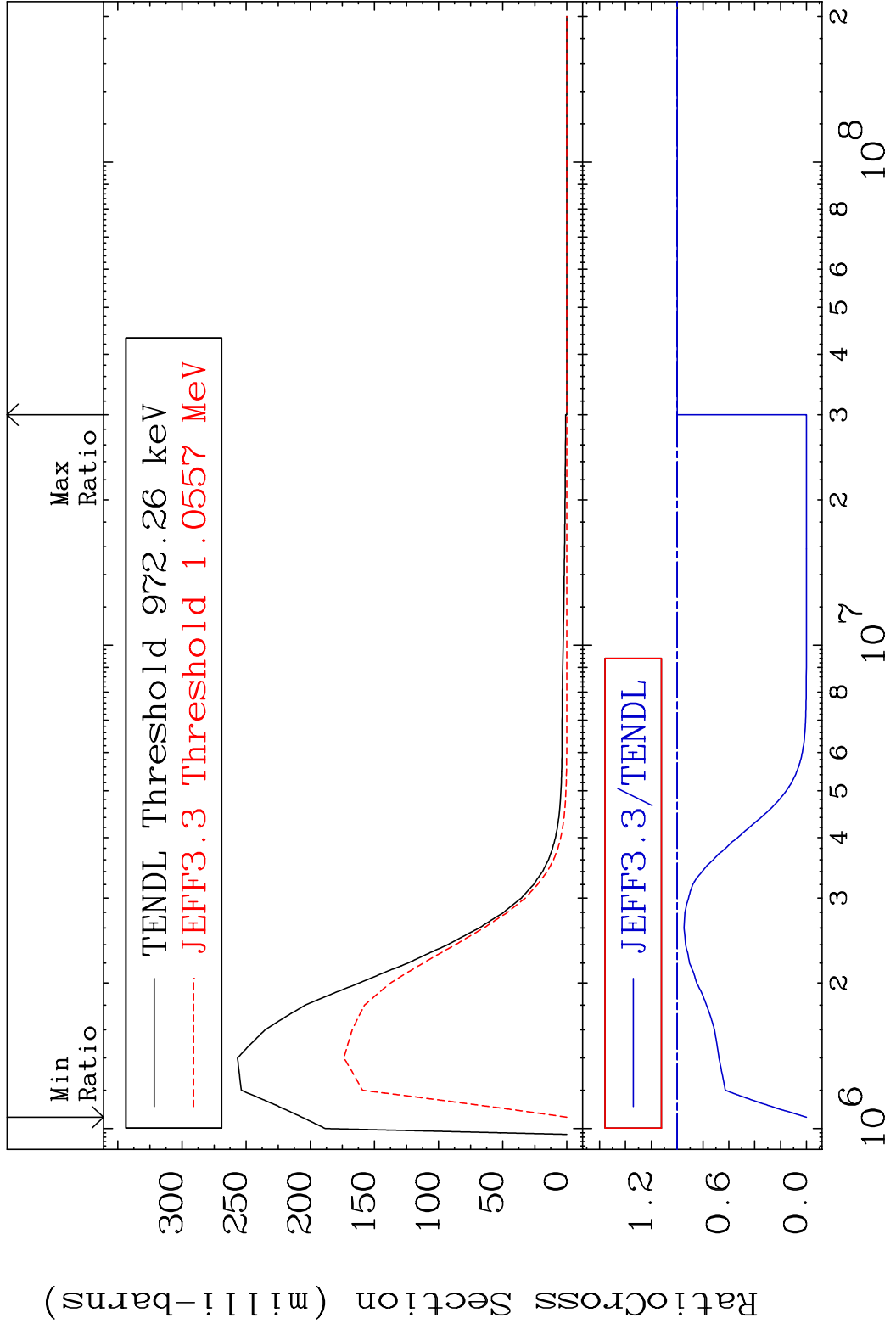
MAT 6637 MT= 54 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %



MAT 6637 MT= 55 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %

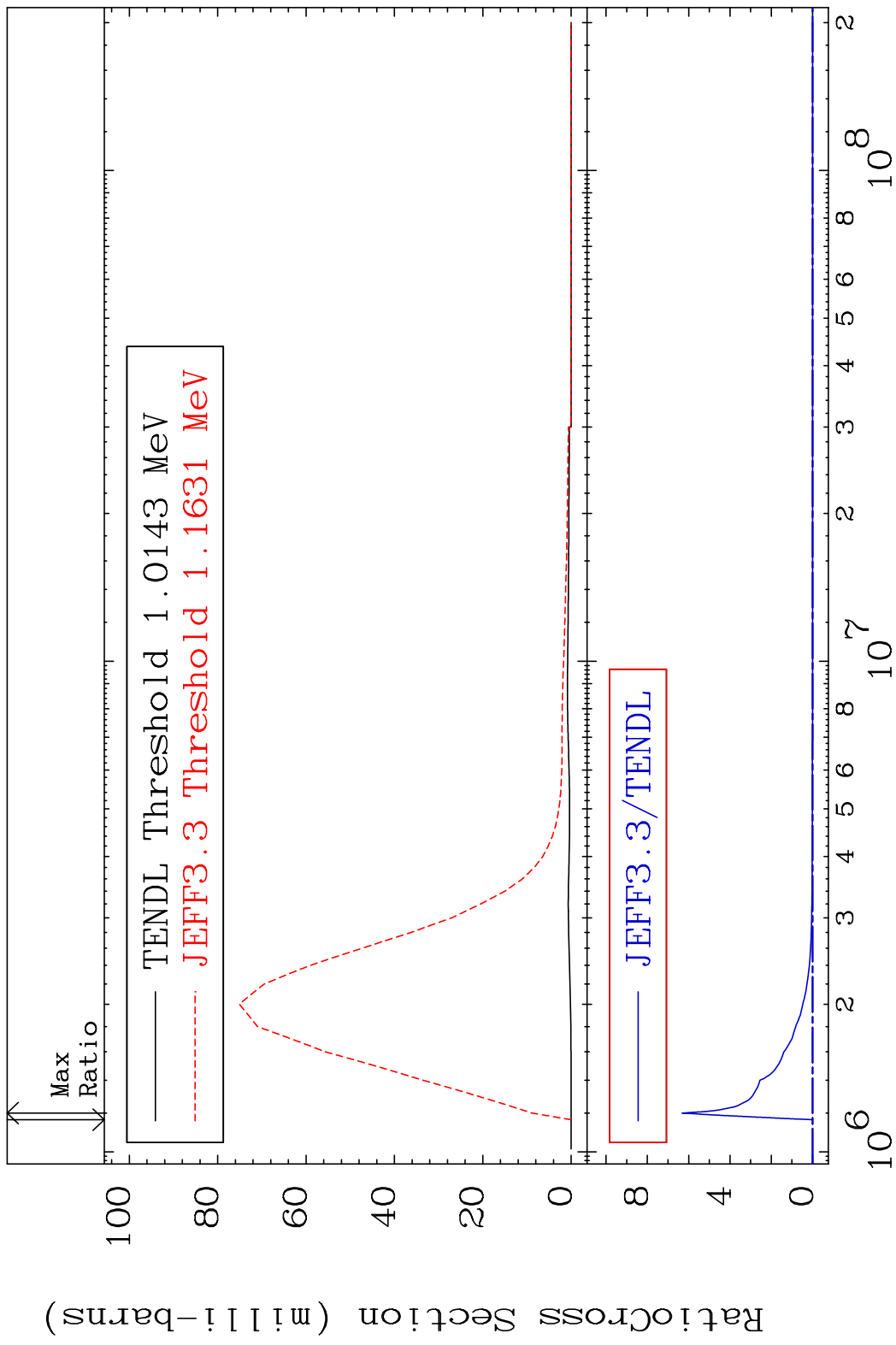


MAT 6637 MT= 56 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 0.000 %

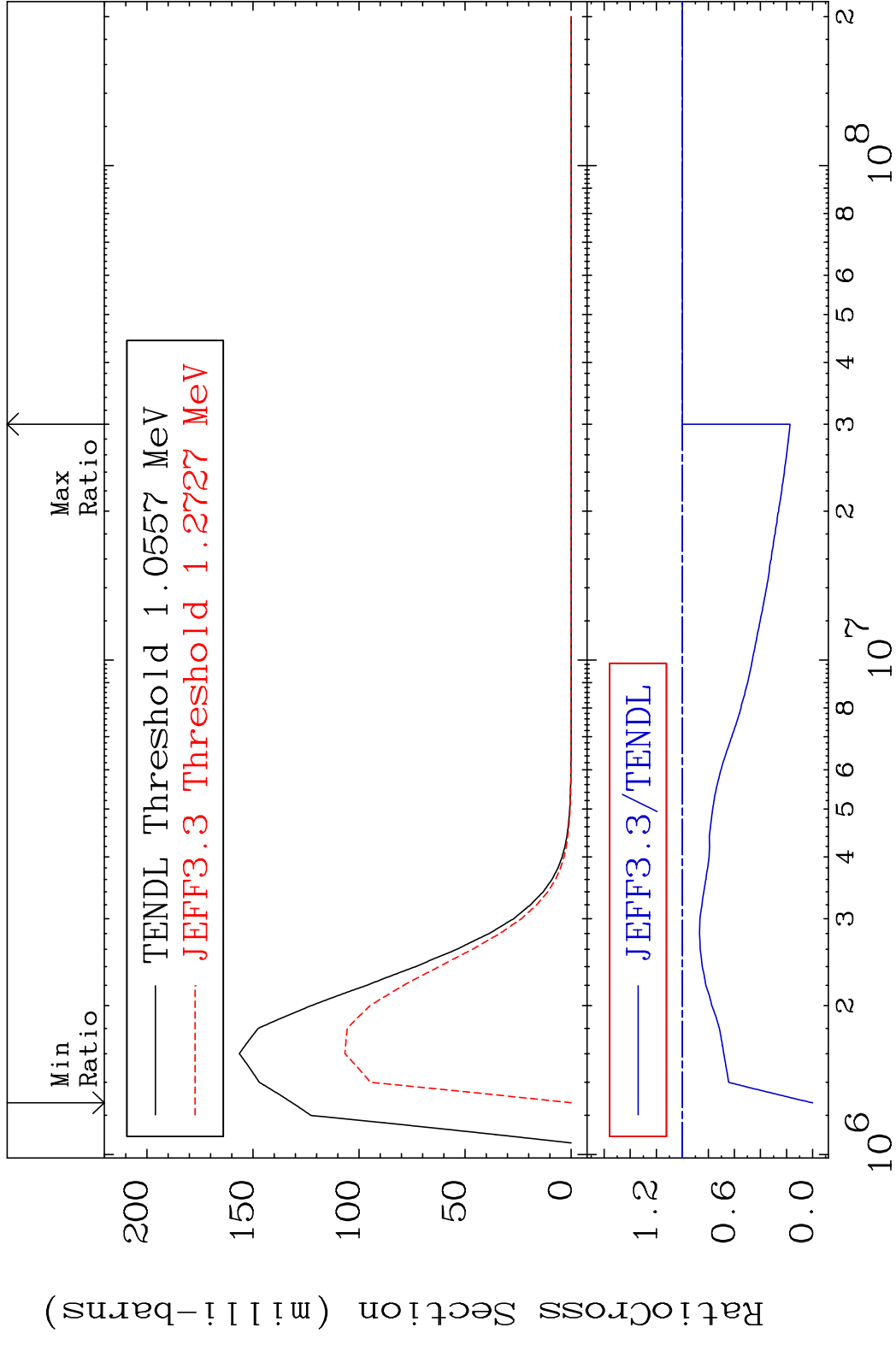


26 Incident Energy (eV) 66-Dy-160

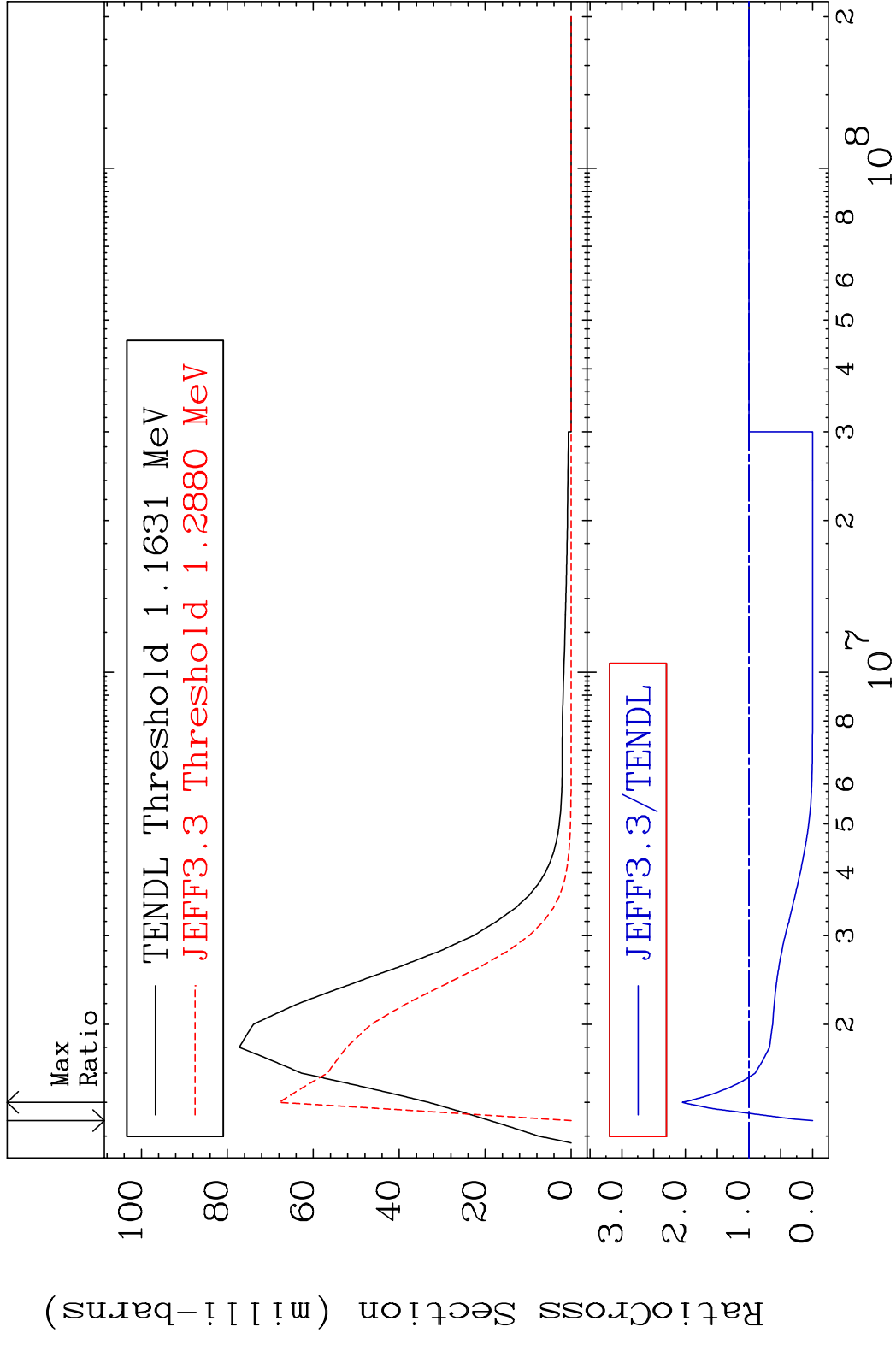
MAT 6637 MT= 57 (n,n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %



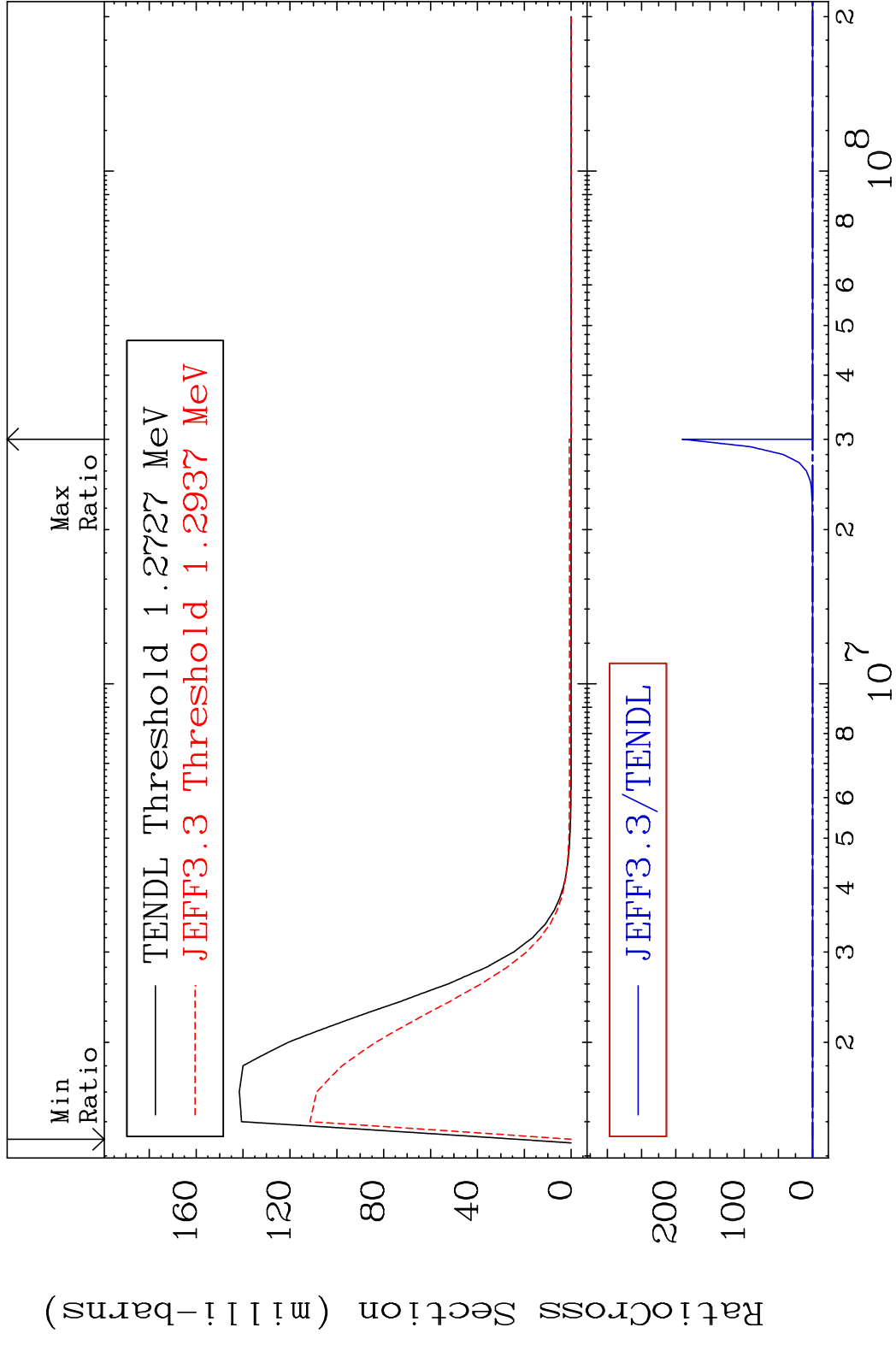
MAT 6637 MT= 58 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 0.000 %



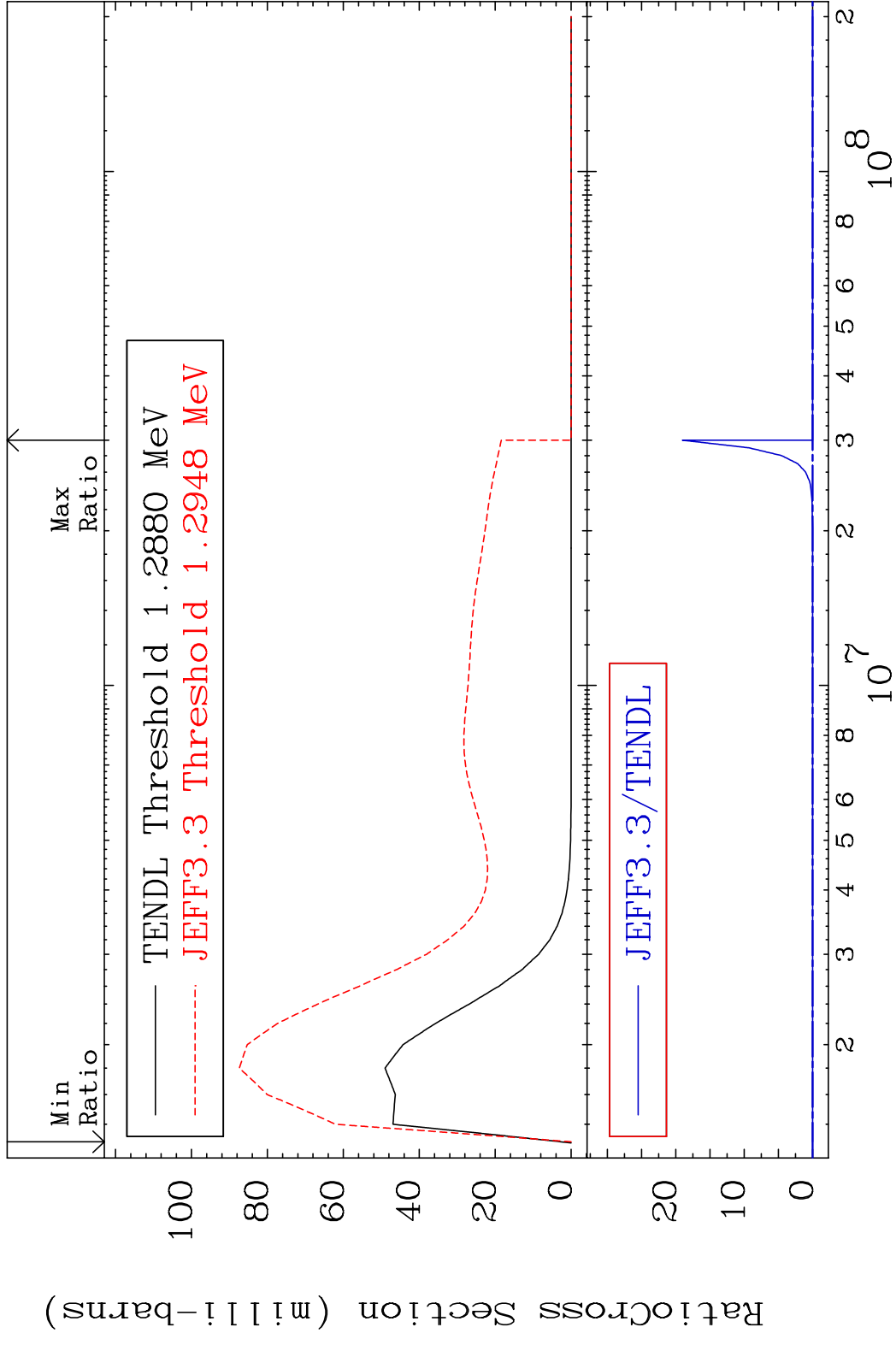
MAT 6637 MT= 59 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 104.9 %



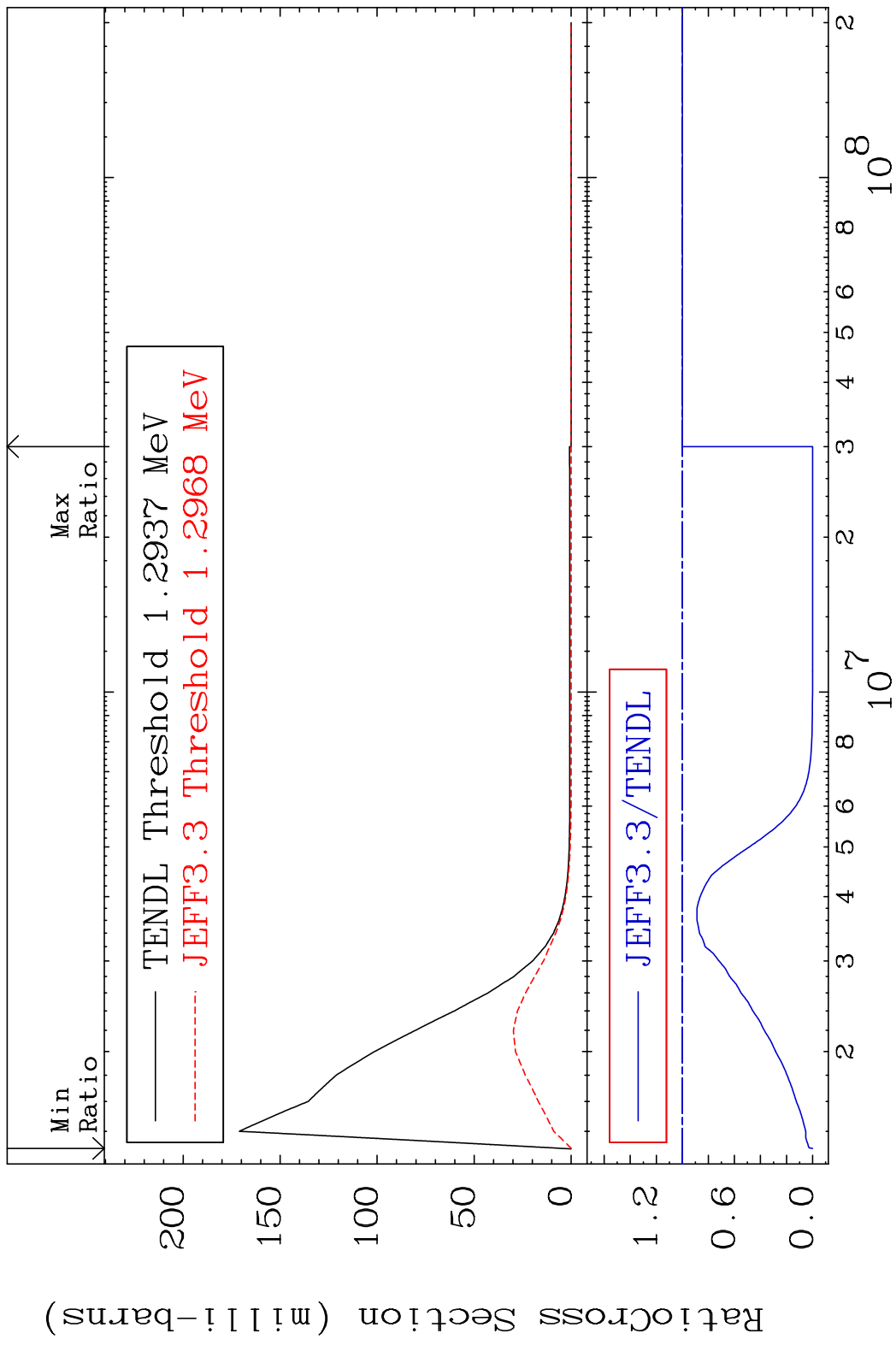
MAT 6637 MT= 60 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %



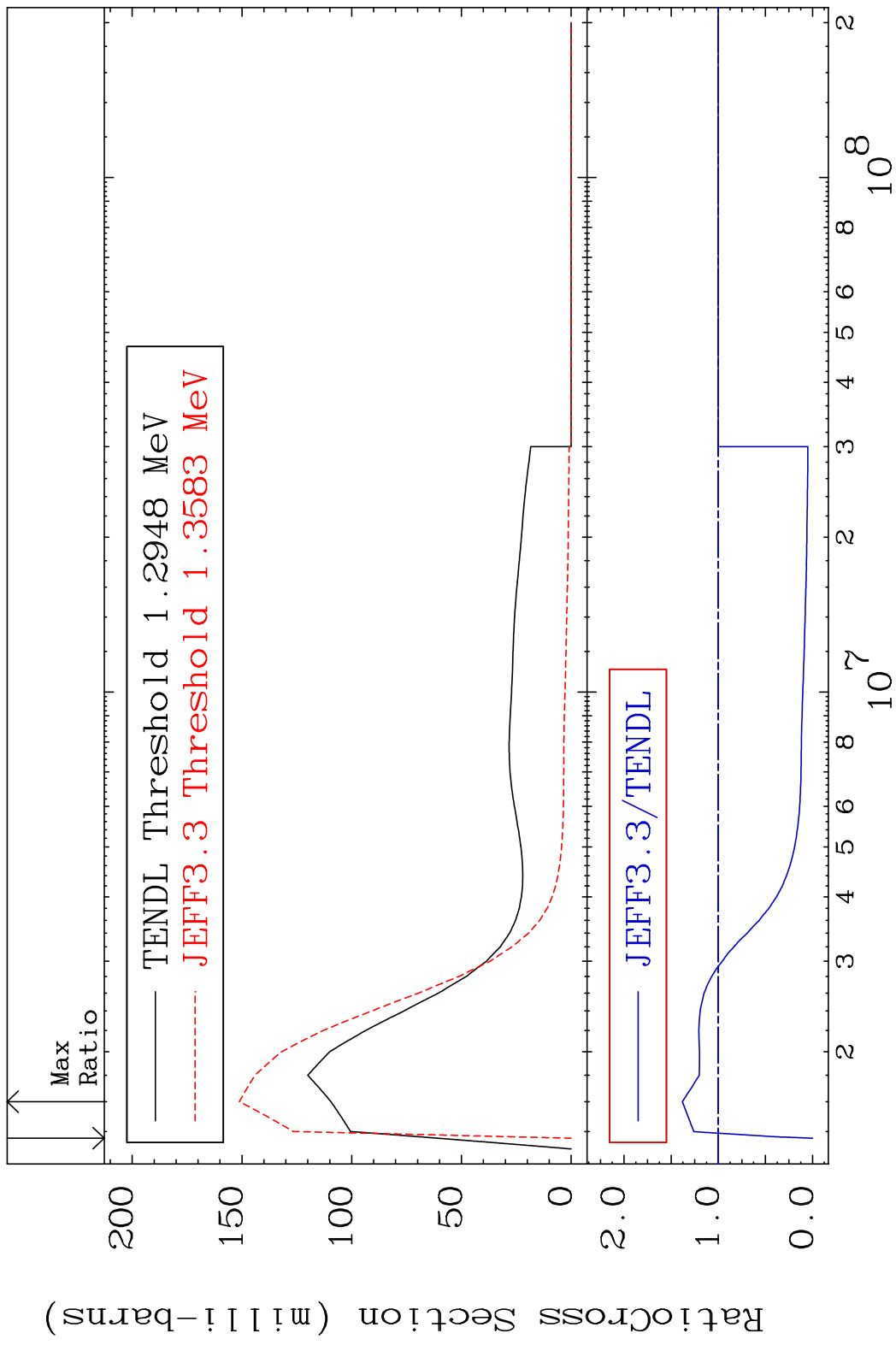
MAT 6637 MT= 61 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %



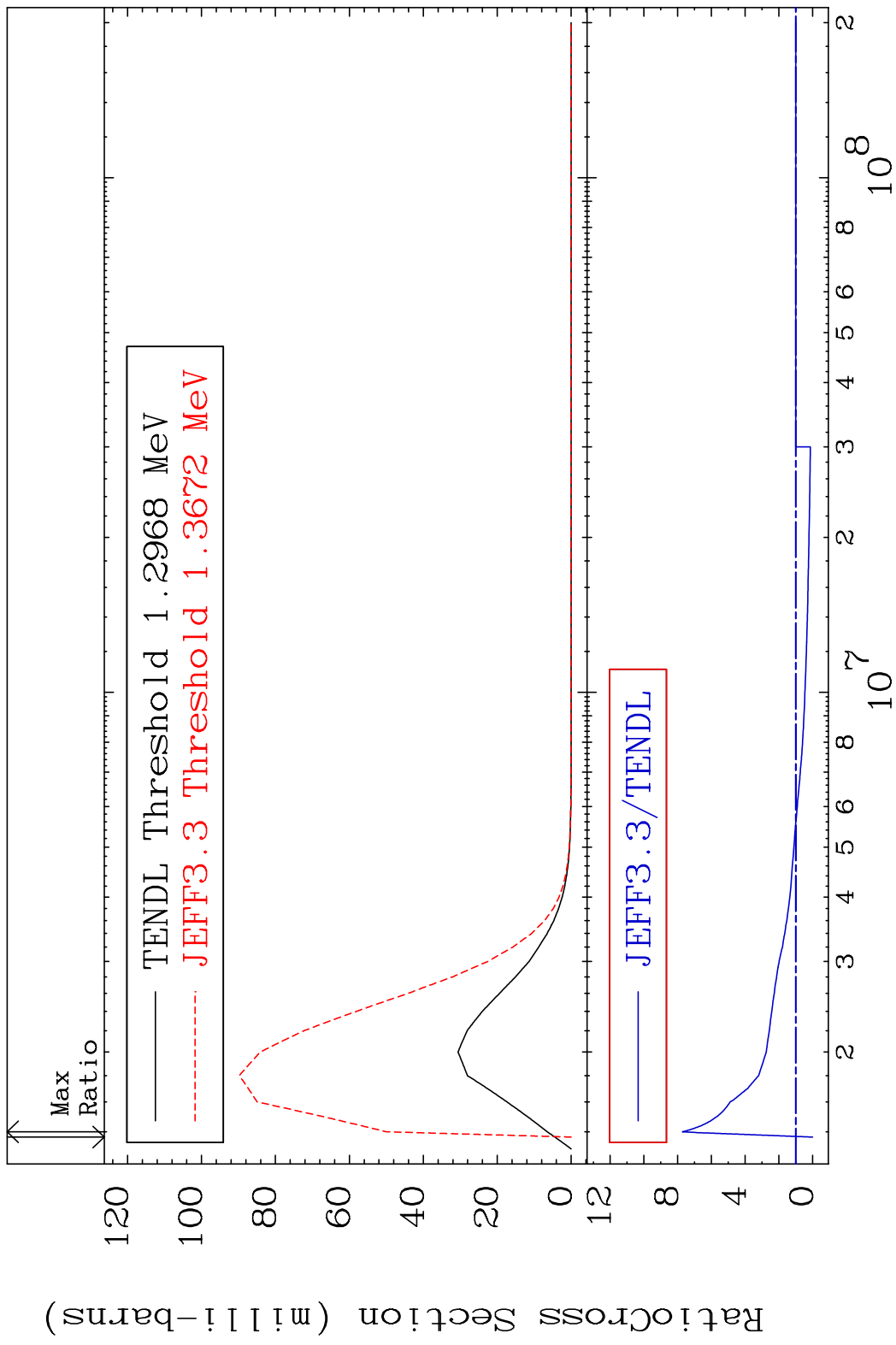
MAT 6637 MT= 62 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 0.000 %



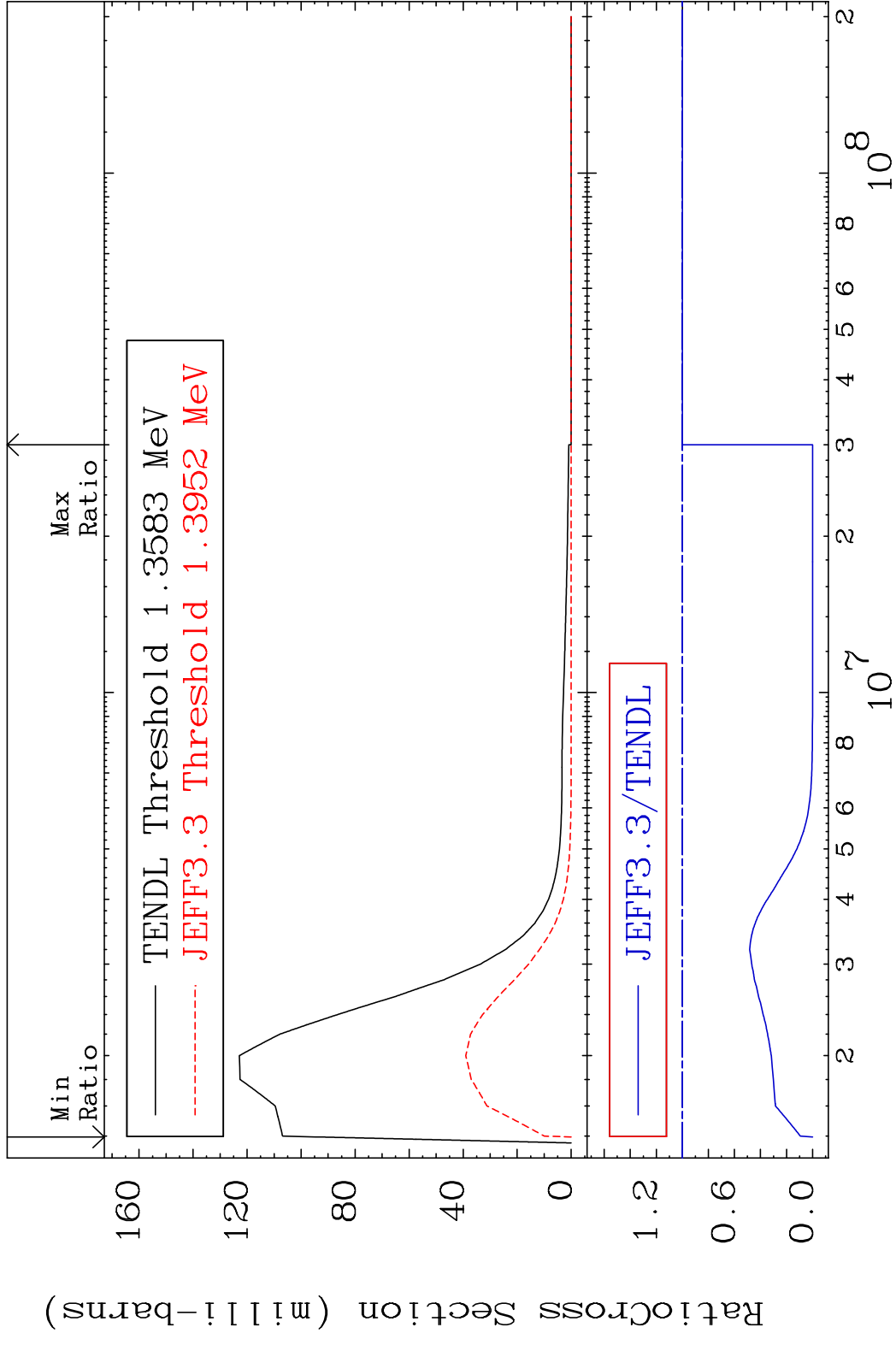
MAT 6637 MT= 63 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 38.10 %



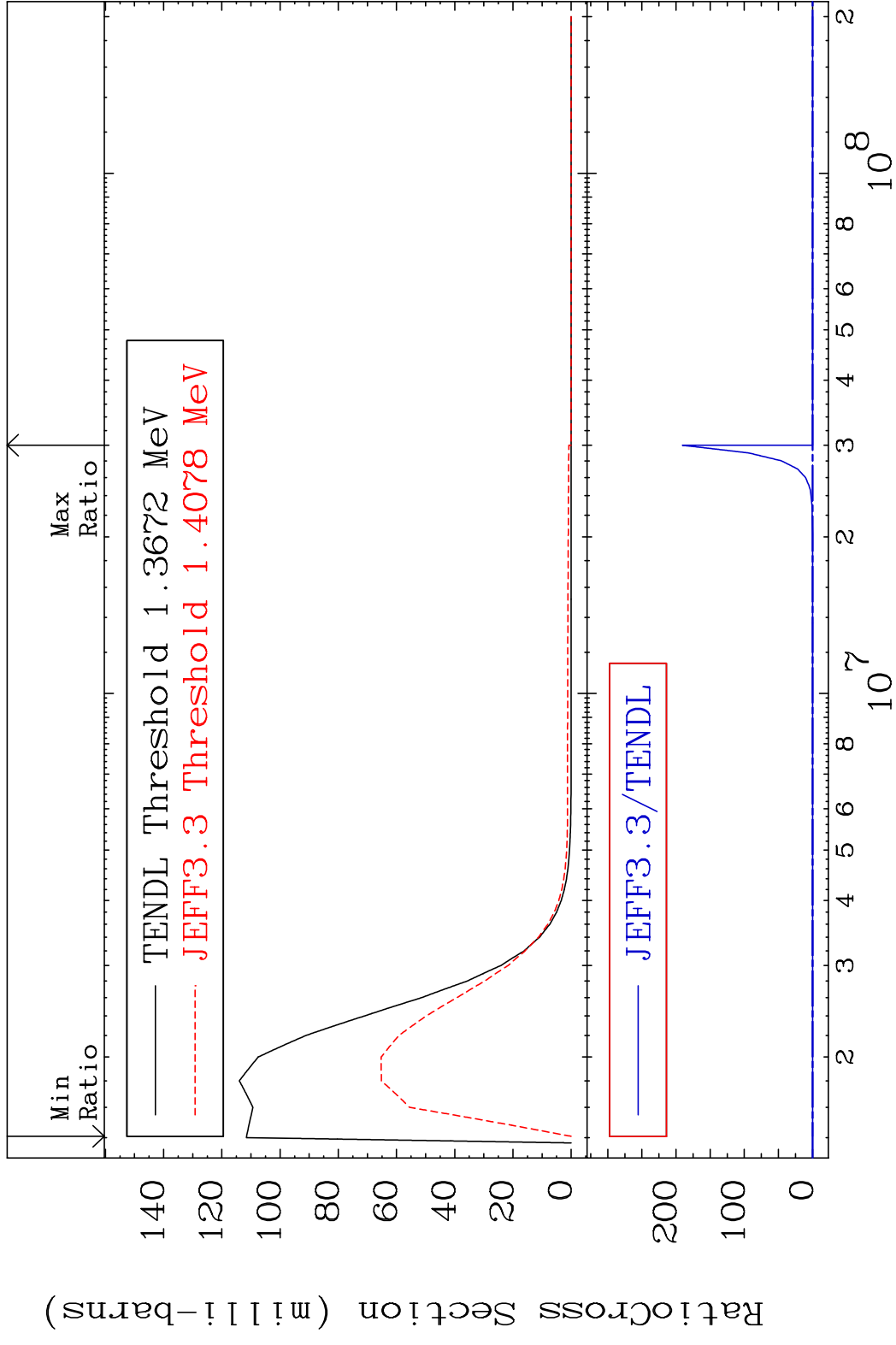
MAT 6637 MT= 64 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 672.1 %



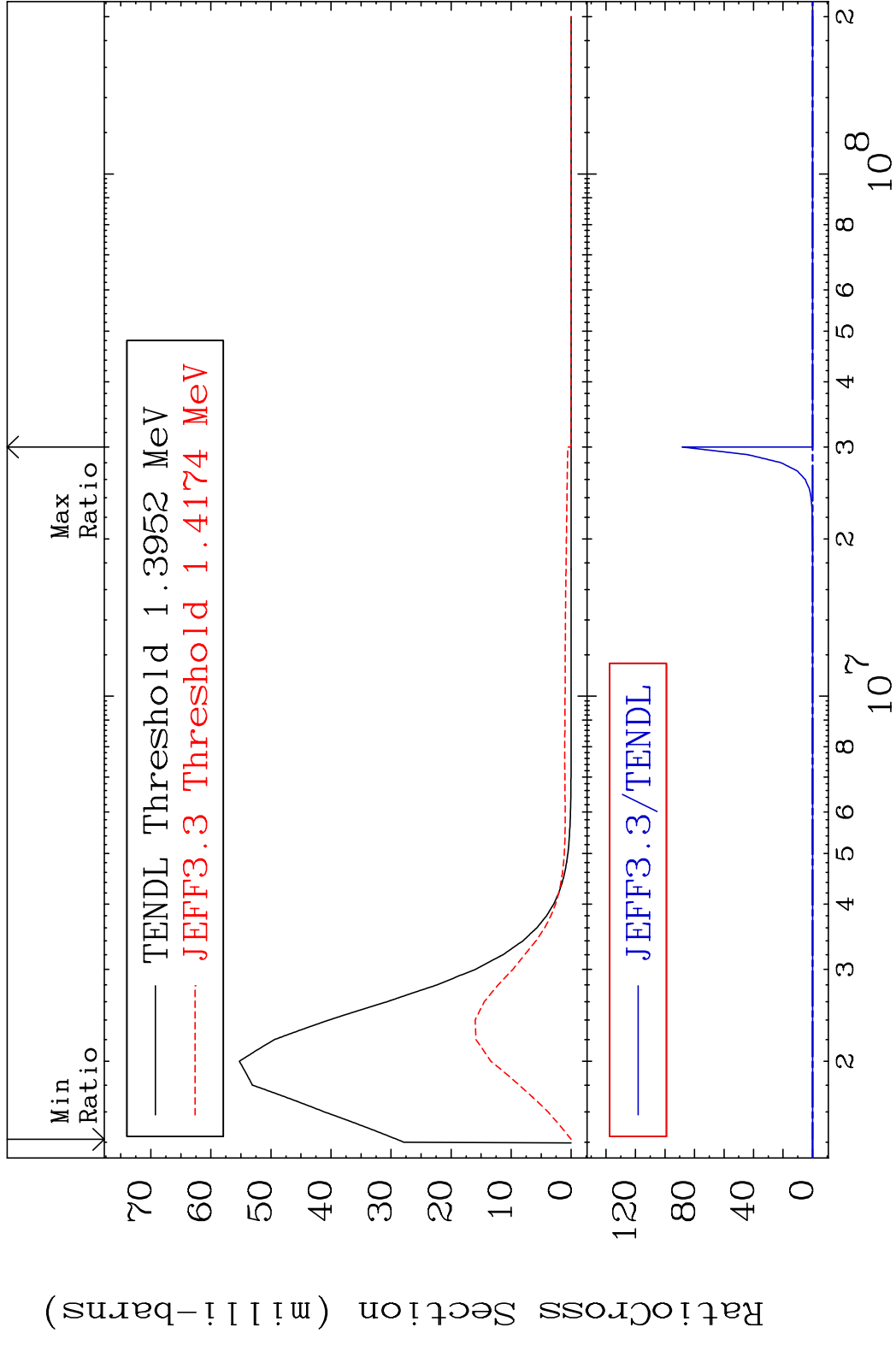
MAT 6637 MT= 65 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 0.000 %



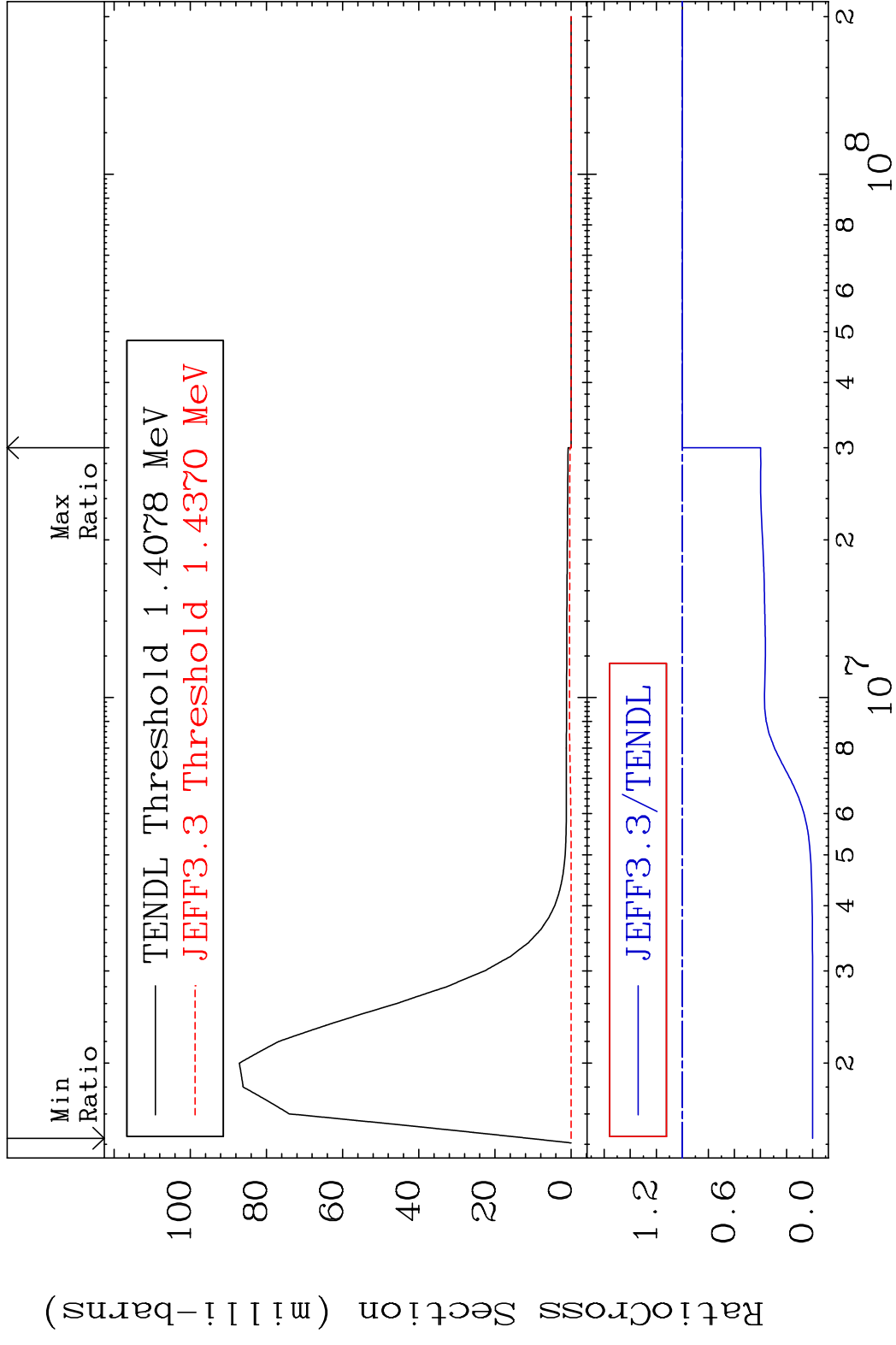
MAT 6637 MT= 66 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %



MAT 6637 MT= 67 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %

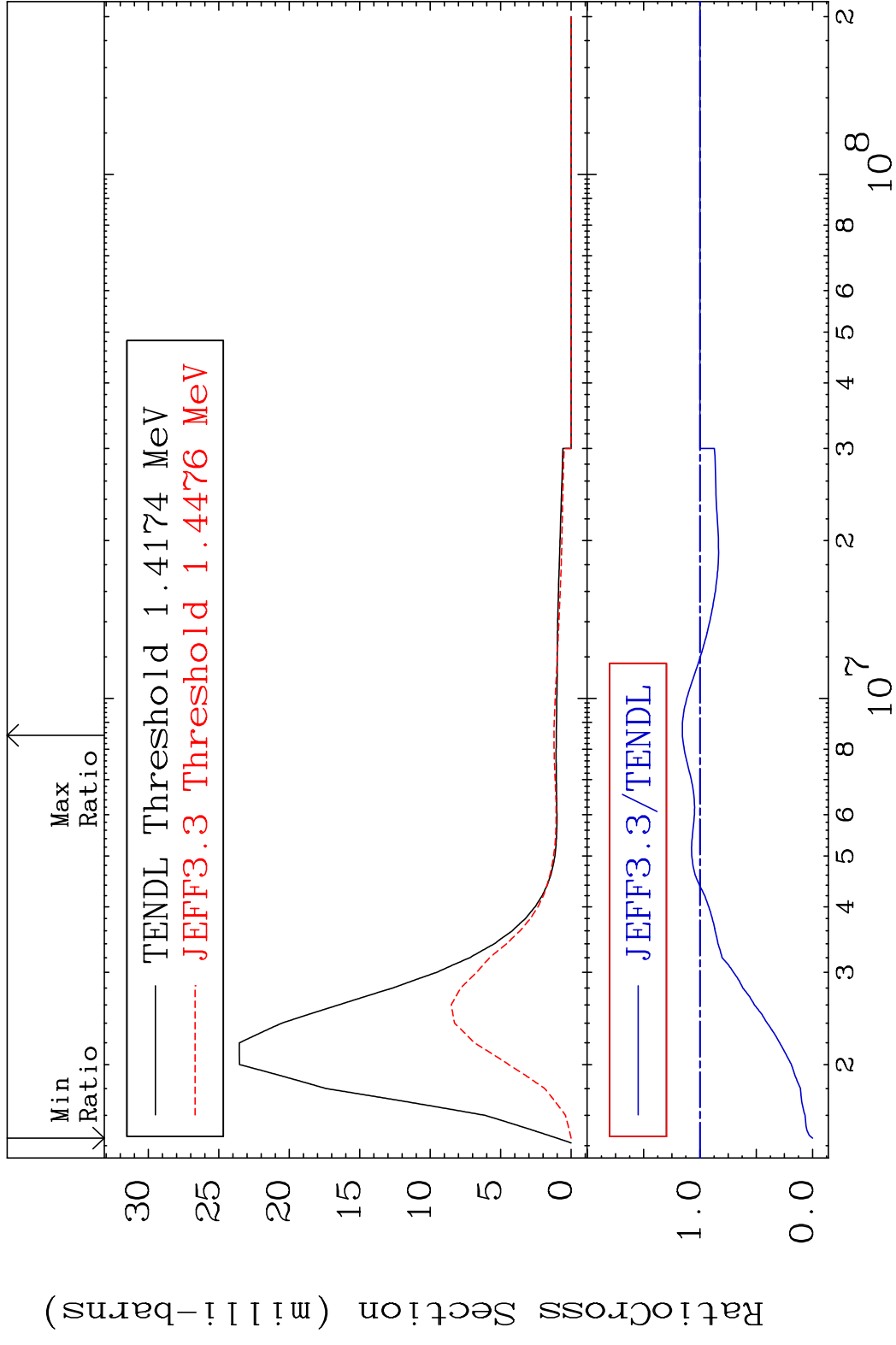


MAT 6637 MT= 68 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 0.000 %

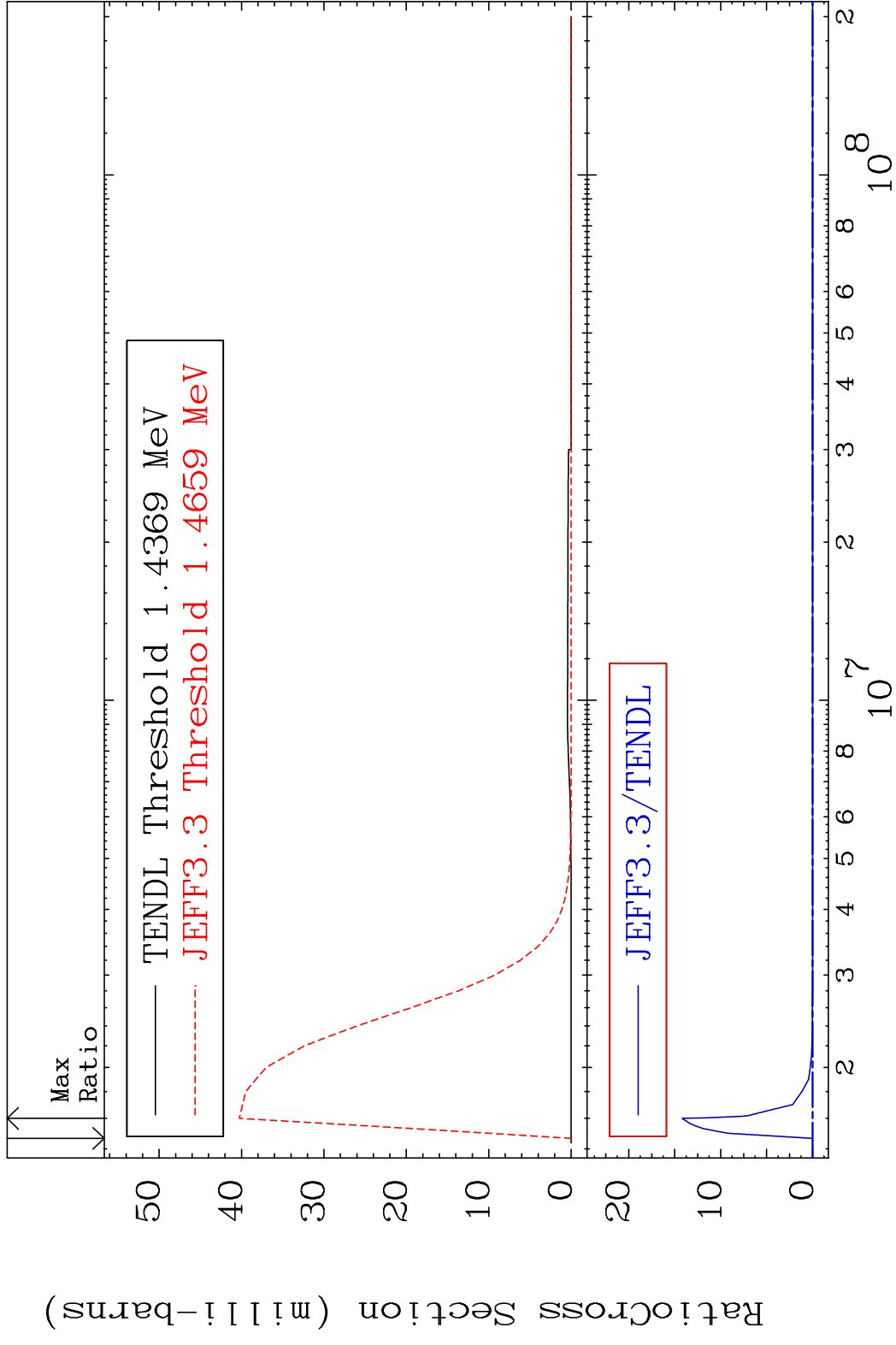


38 Incident Energy (eV) 66-Dy-160

MAT 6637 MT= 69 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 15.65 %

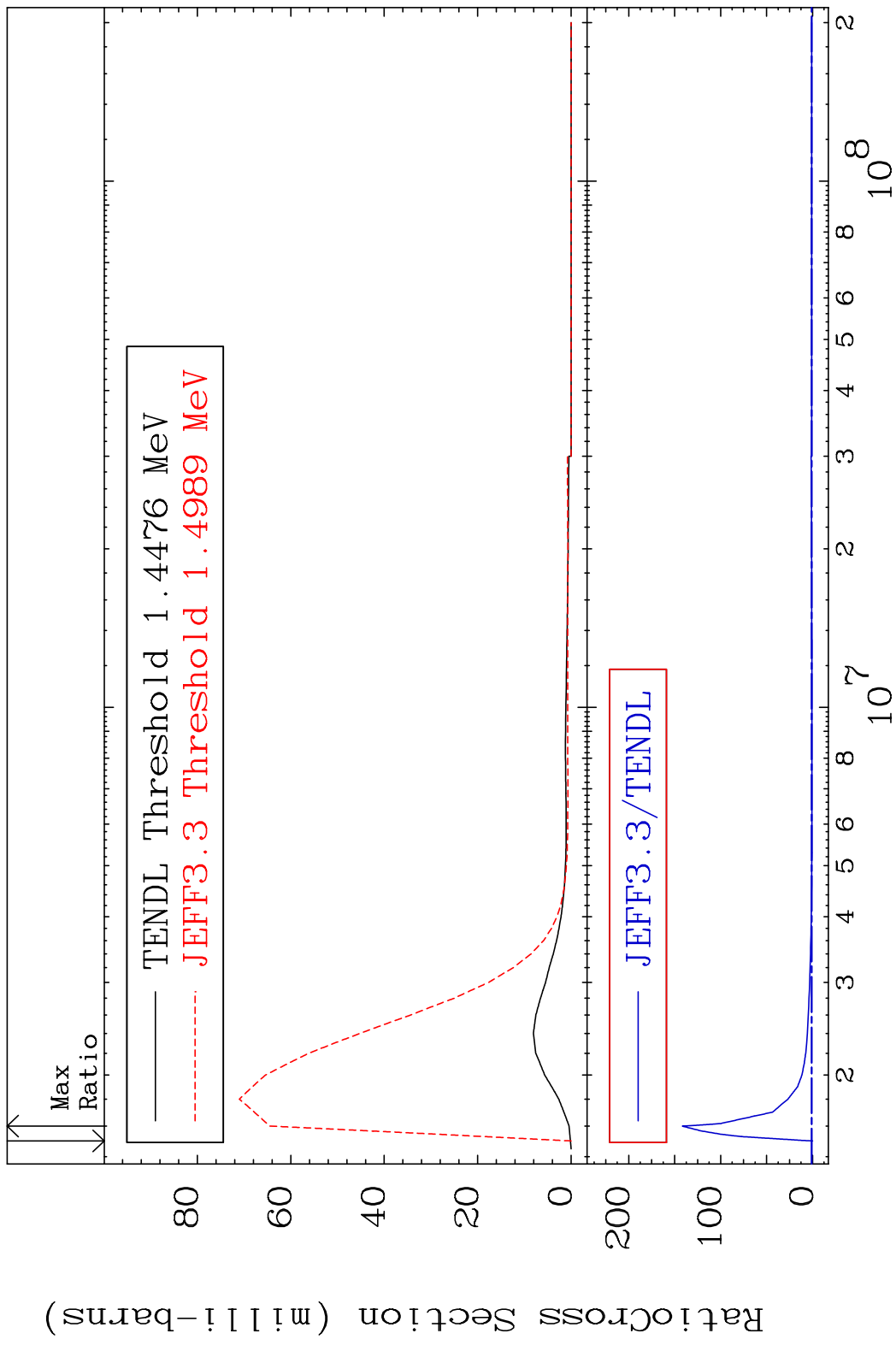


MAT 6637 MT= 70 (n,n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %

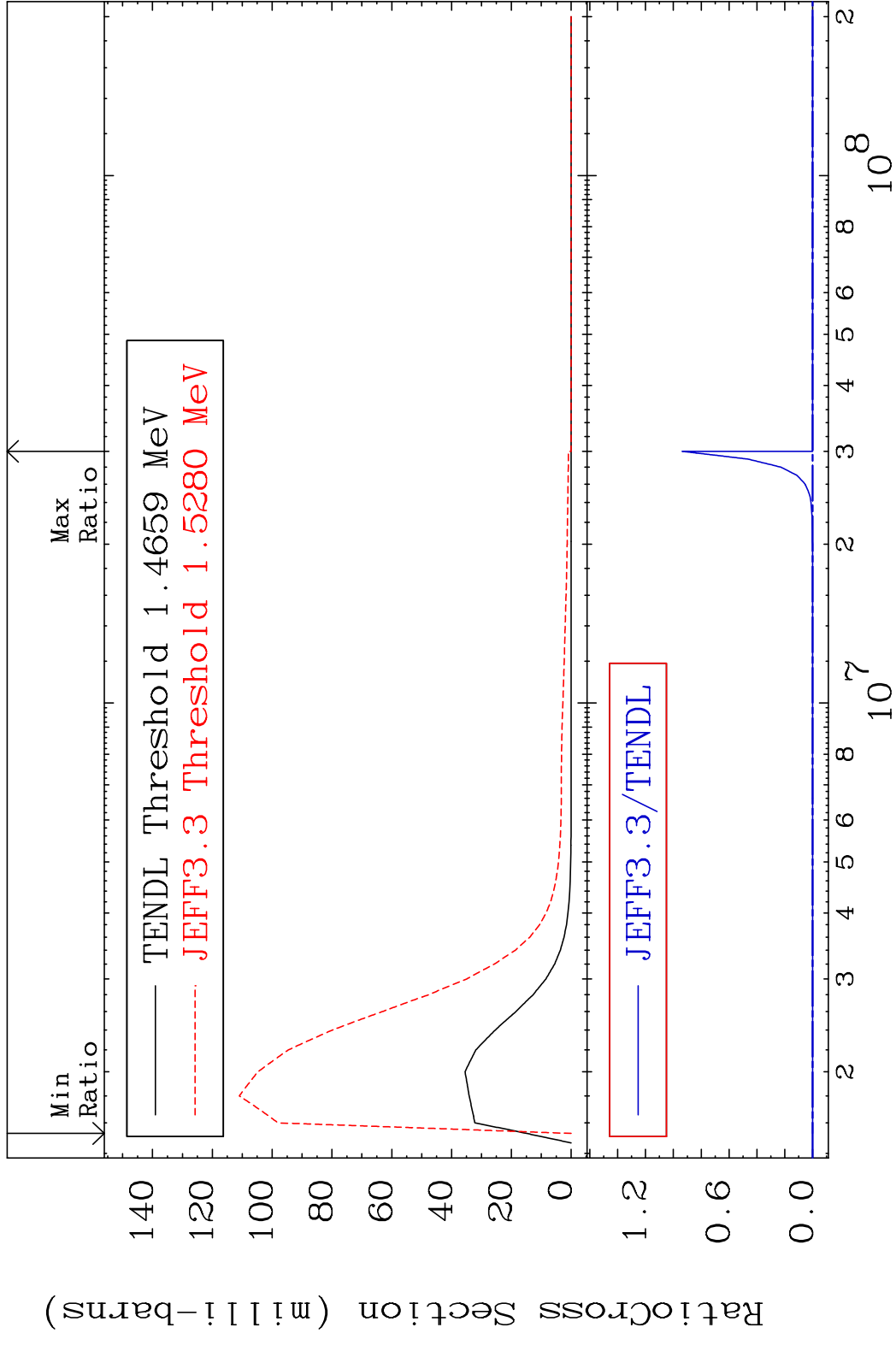


40 Incident Energy (eV) 66-Dy-160

MAT 6637 MT= 71 (n,n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %

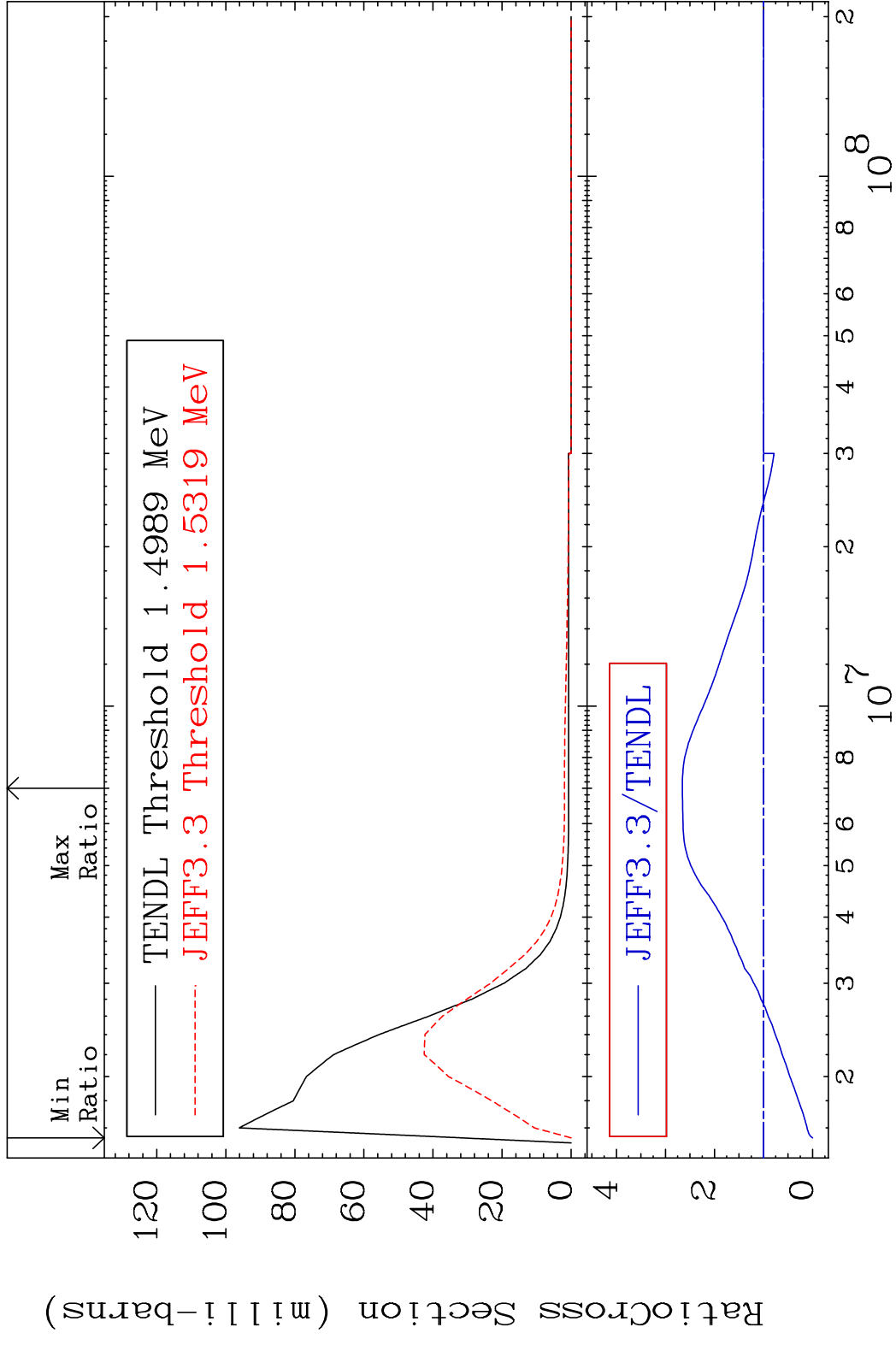


MAT 6637 MT= 72 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %

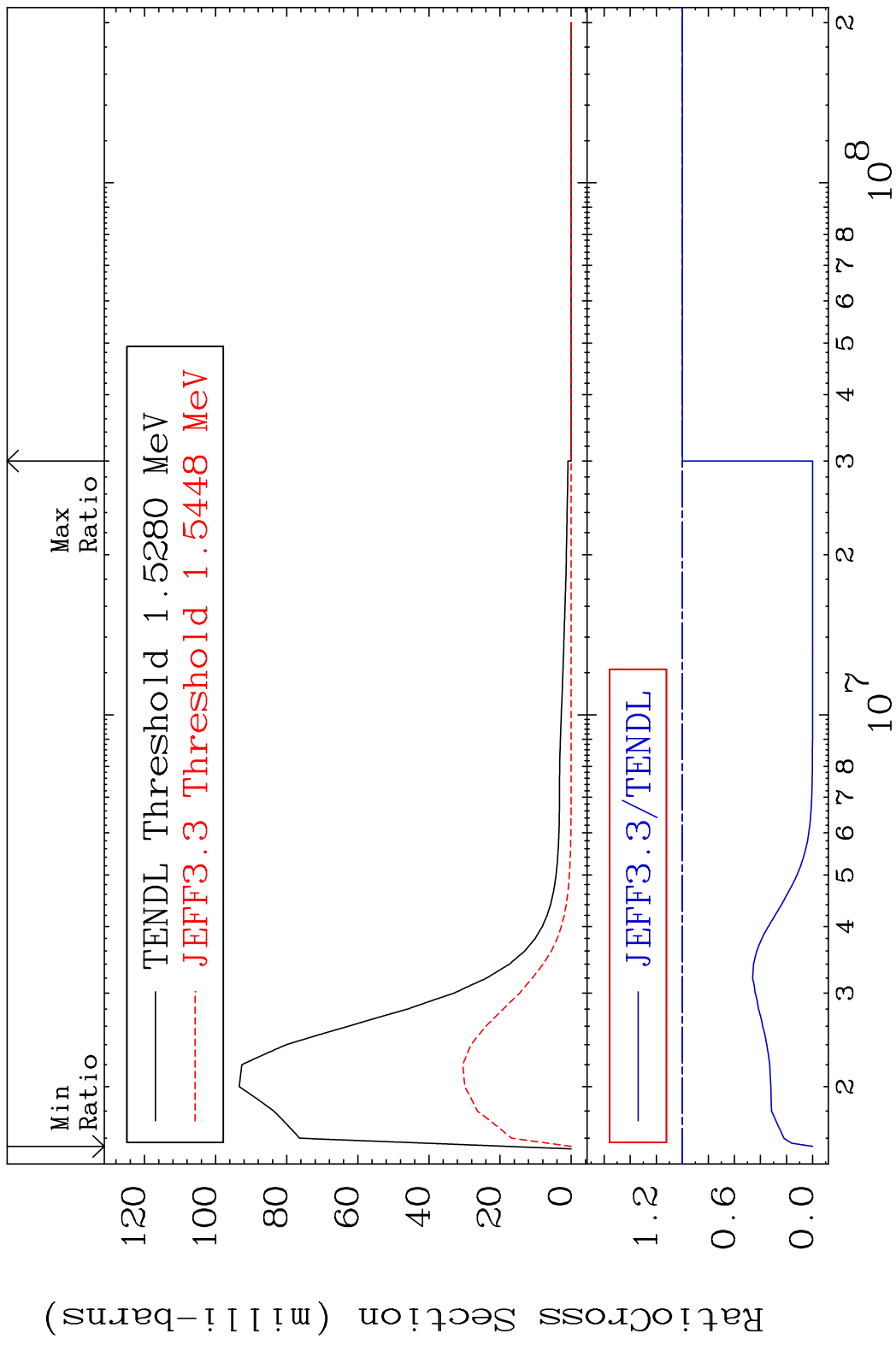


42 Incident Energy (eV) 66-Dy-160

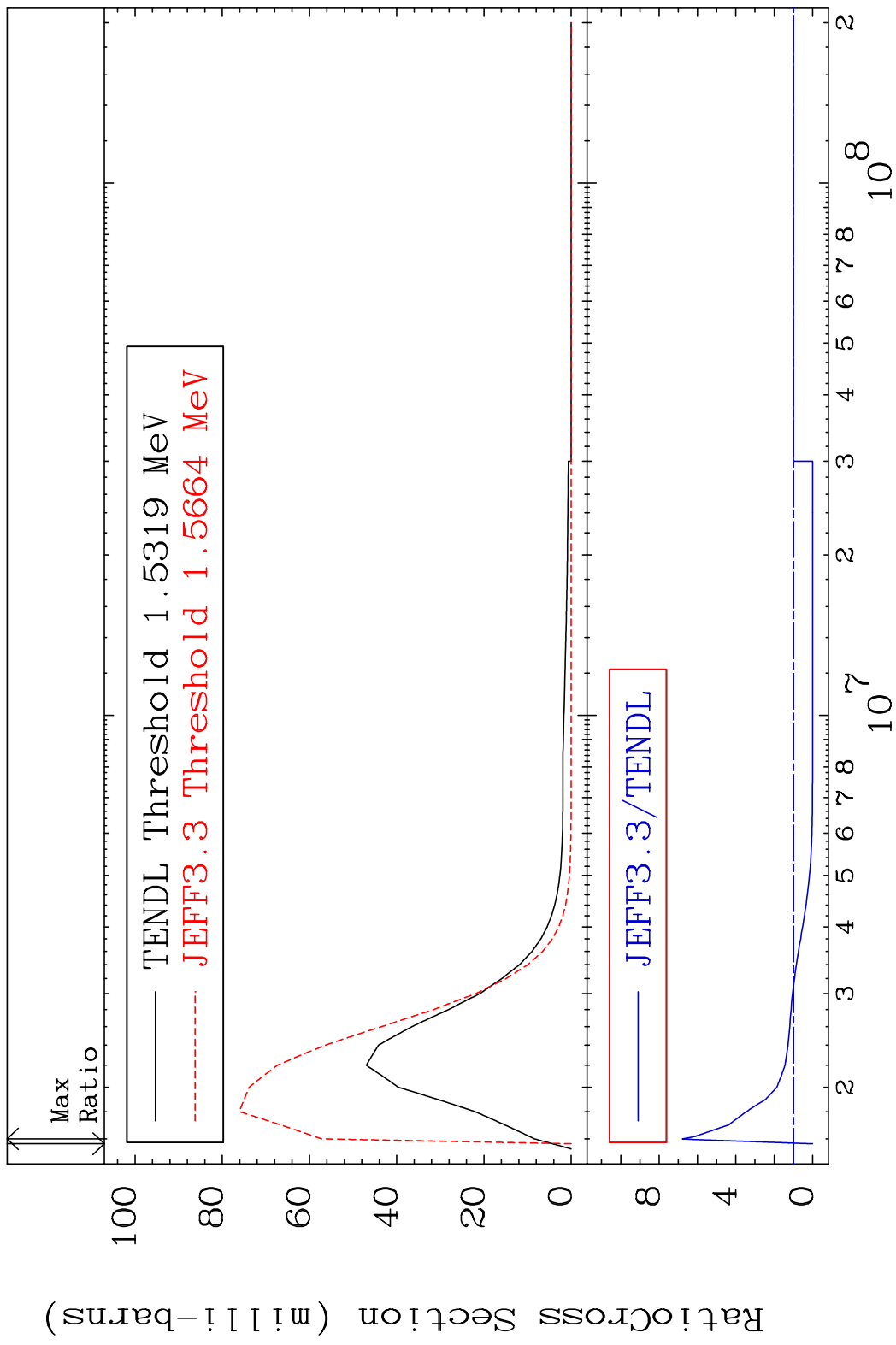
MAT 6637 MT= 73 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 165.5 %



MAT 6637 MT= 74 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 0.000 %

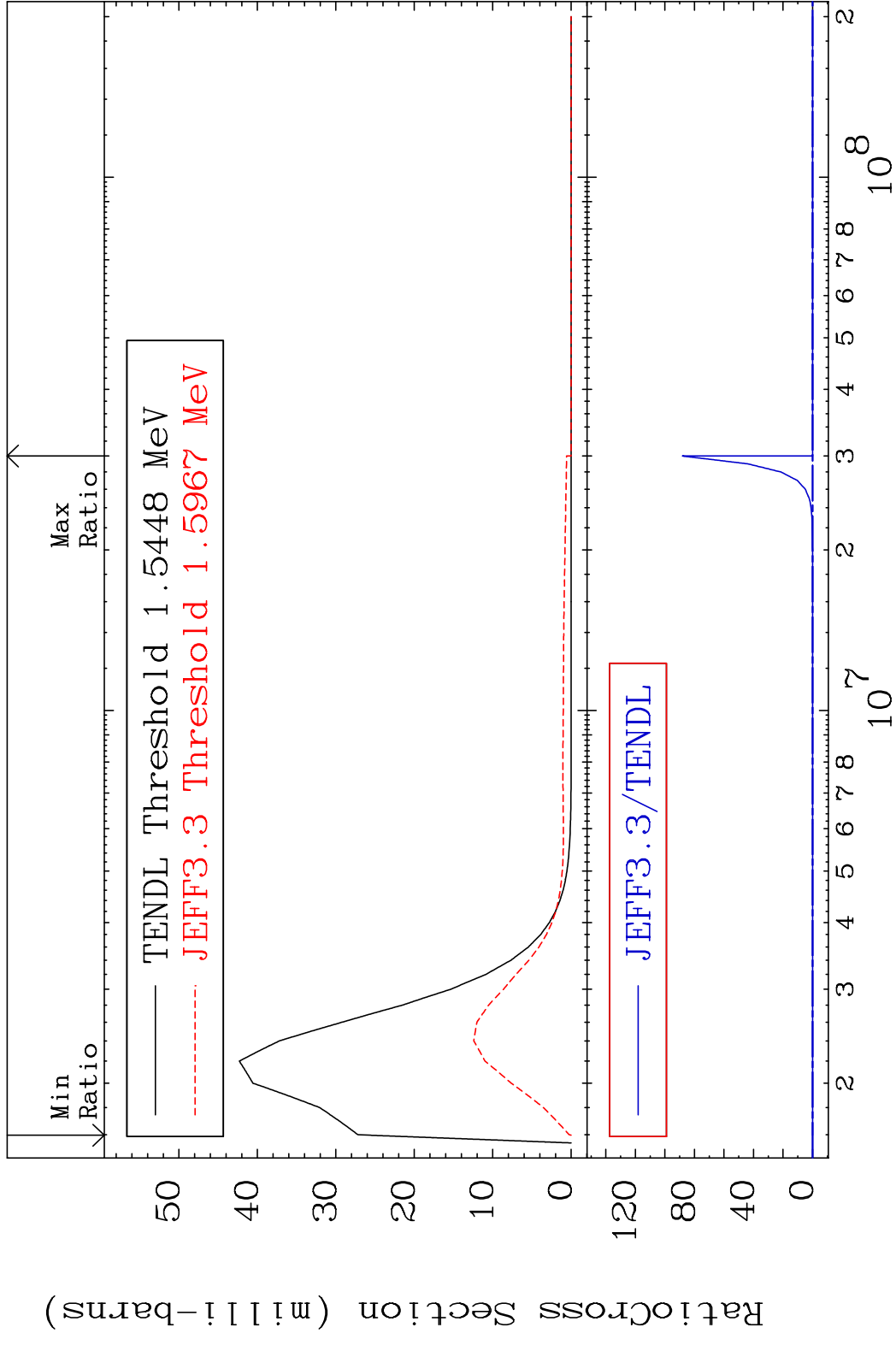


MAT 6637 MT= 75 (n,n') Level 66-Dy-160
 Cross Section -100.0 To 578.7 %

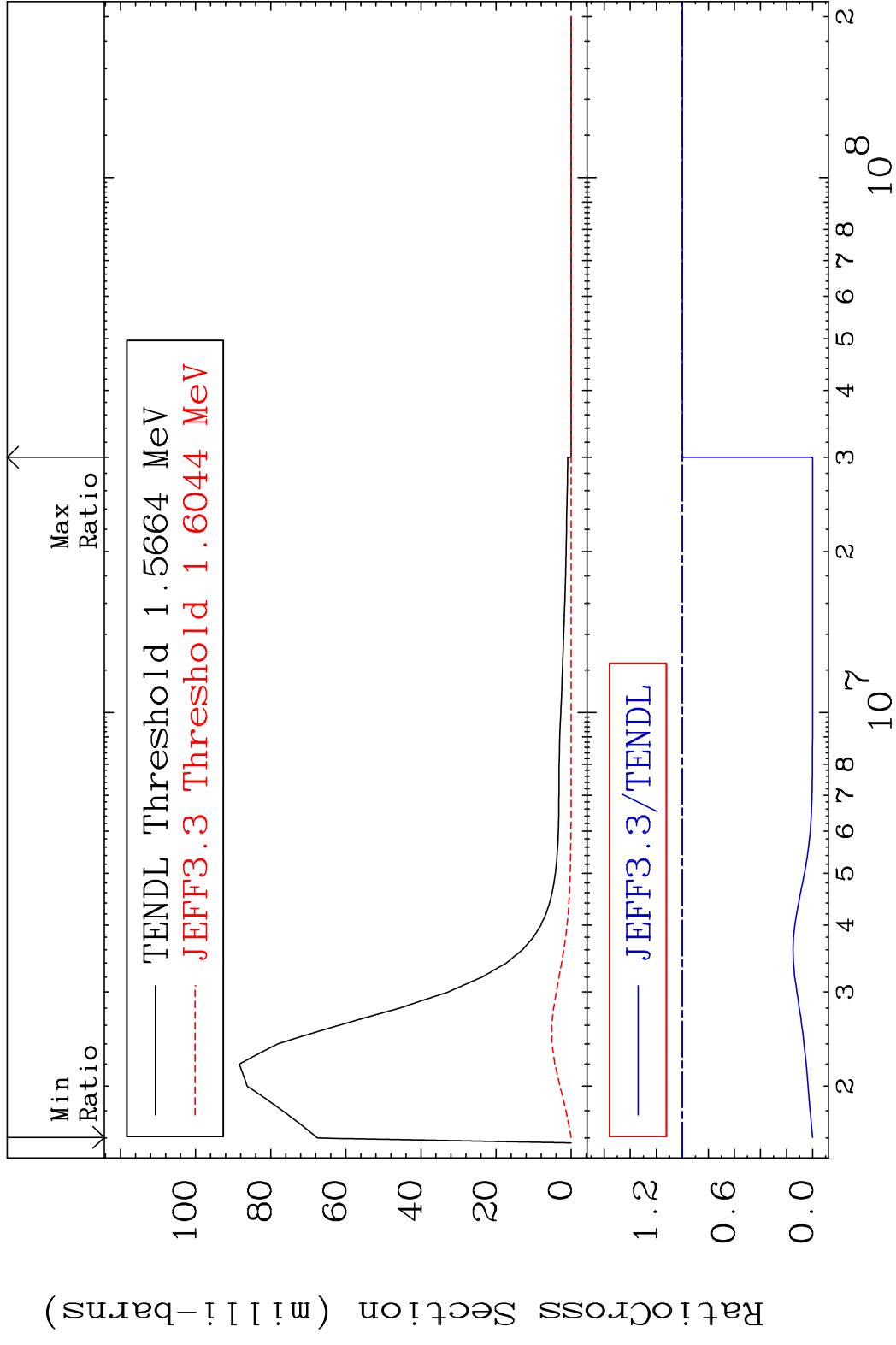


45 66-Dy-160

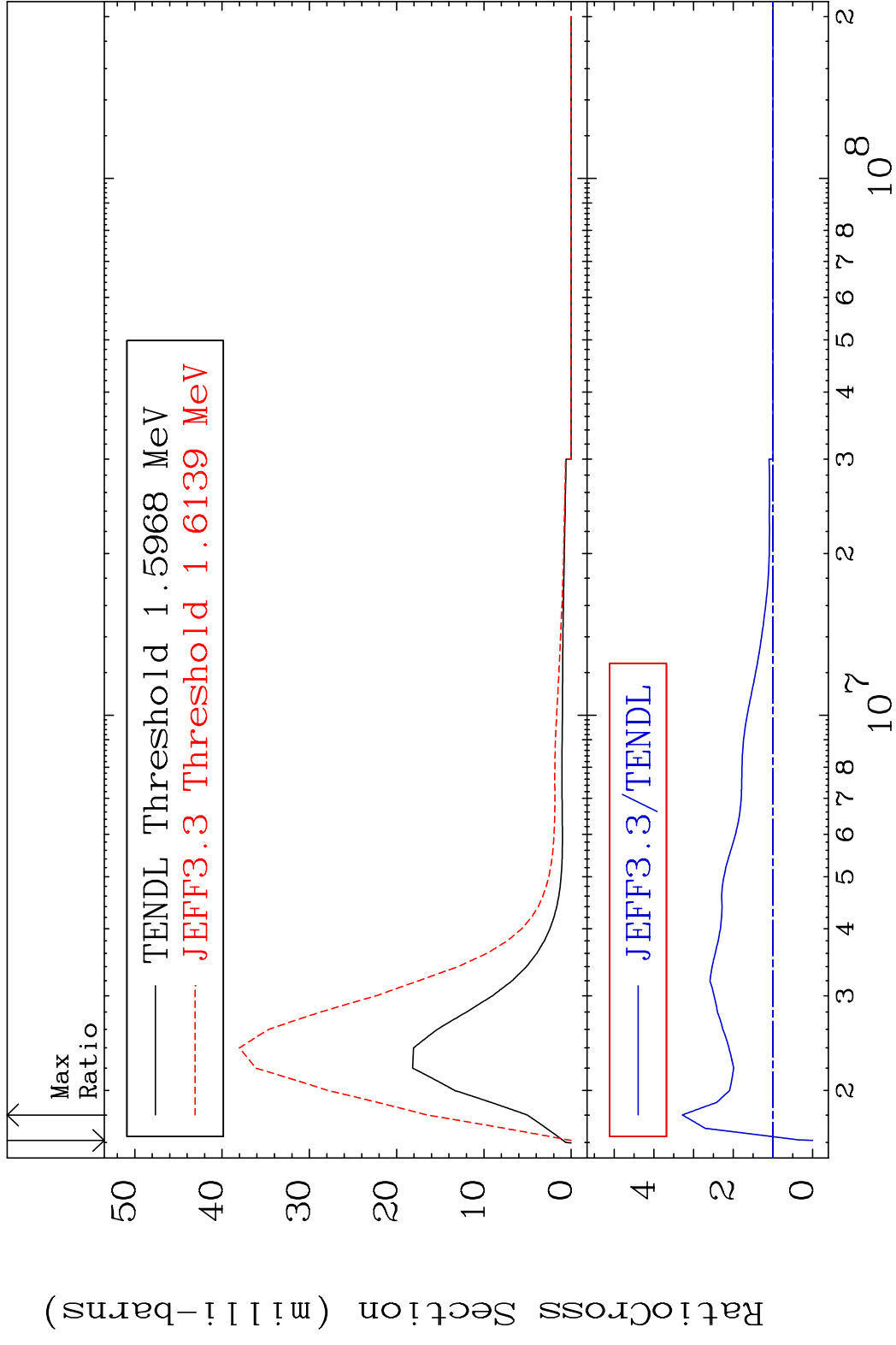
MAT 6637 MT= 76 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %



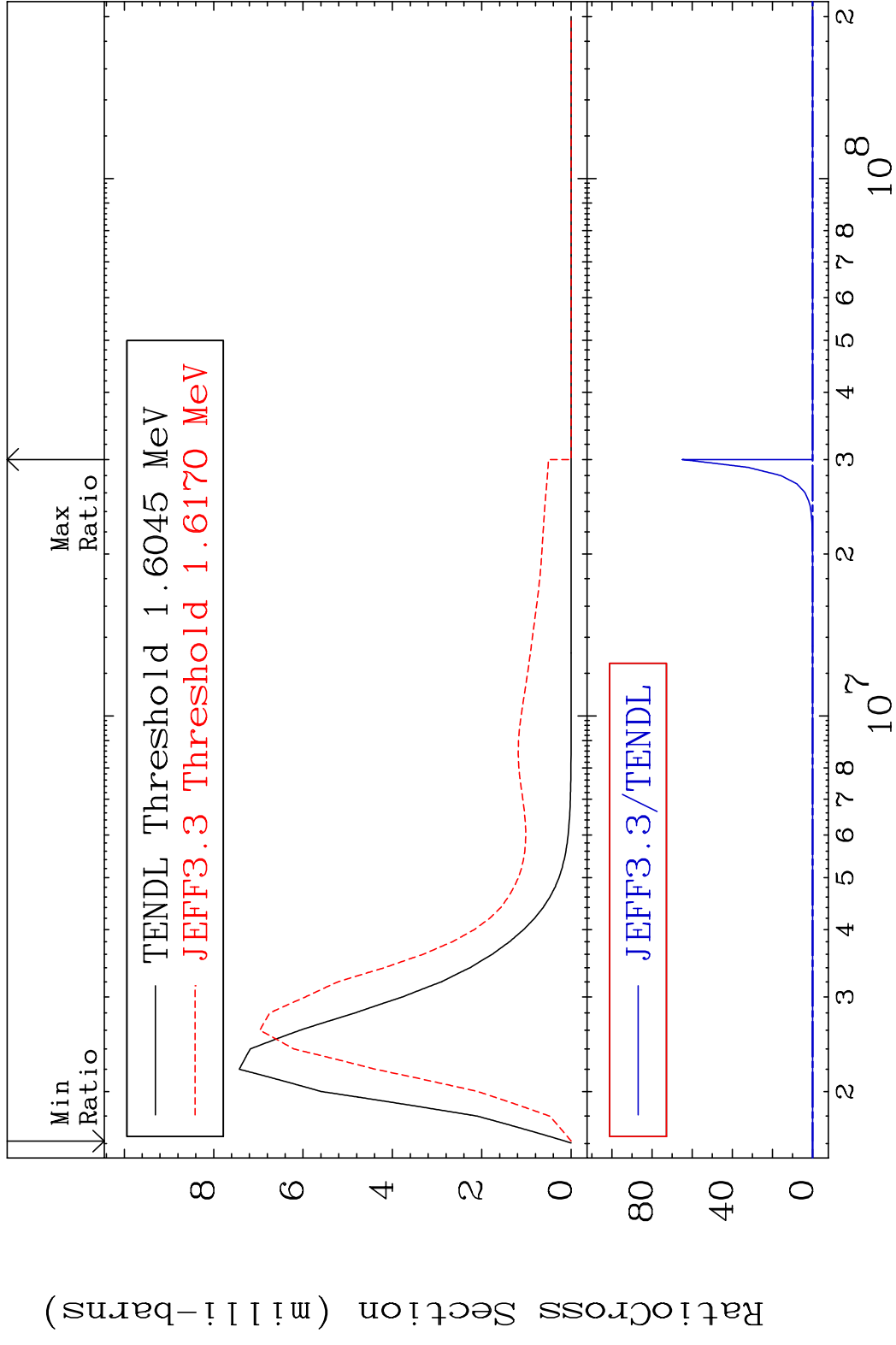
MAT 6637 MT= 77 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 0.000 %



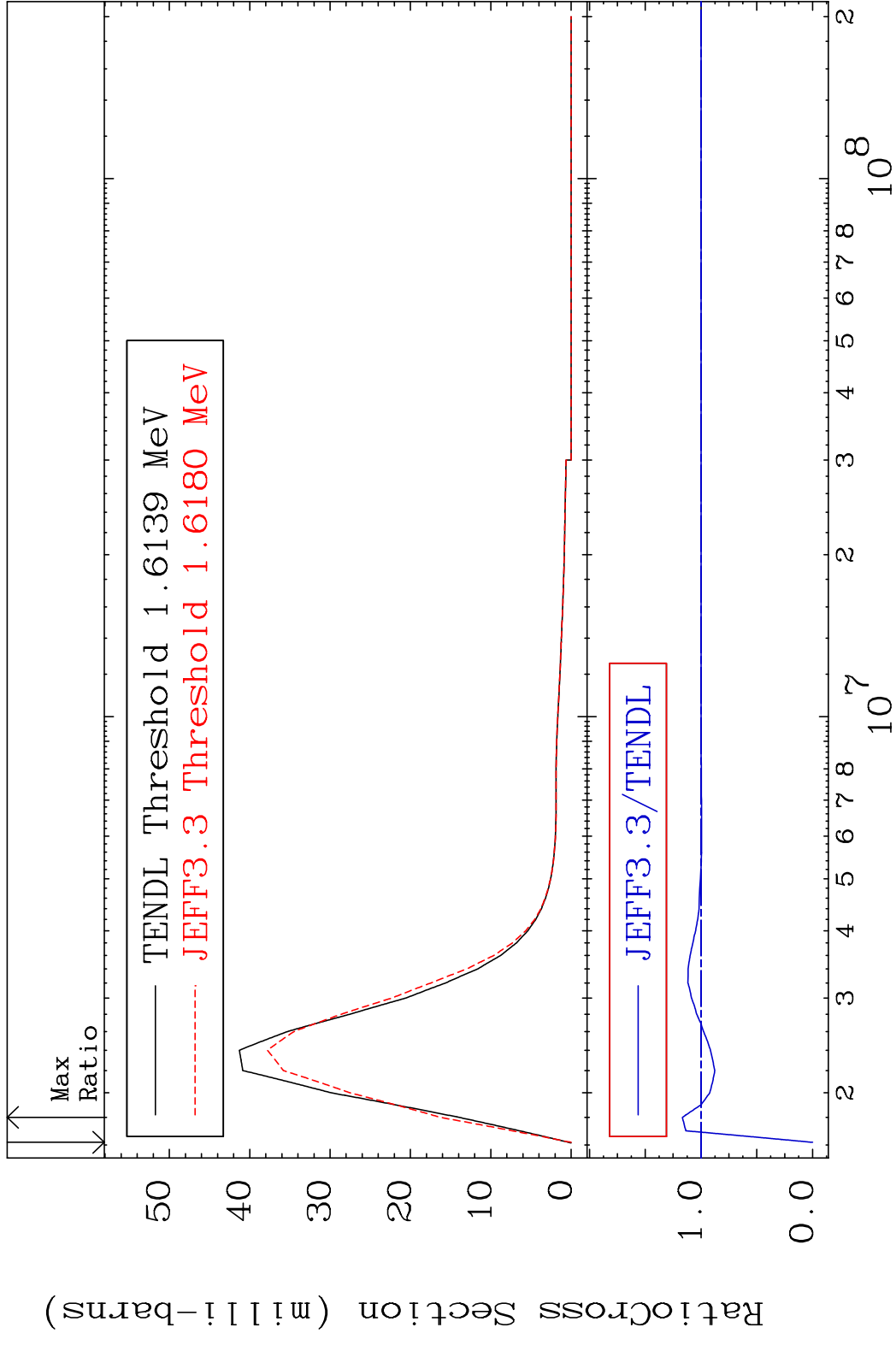
MAT 6637 MT= 78 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 228.0 %



MAT 6637 MT= 79 (n, n') Level 66-Dy-160
 Cross Section -100.0 To 9999. %

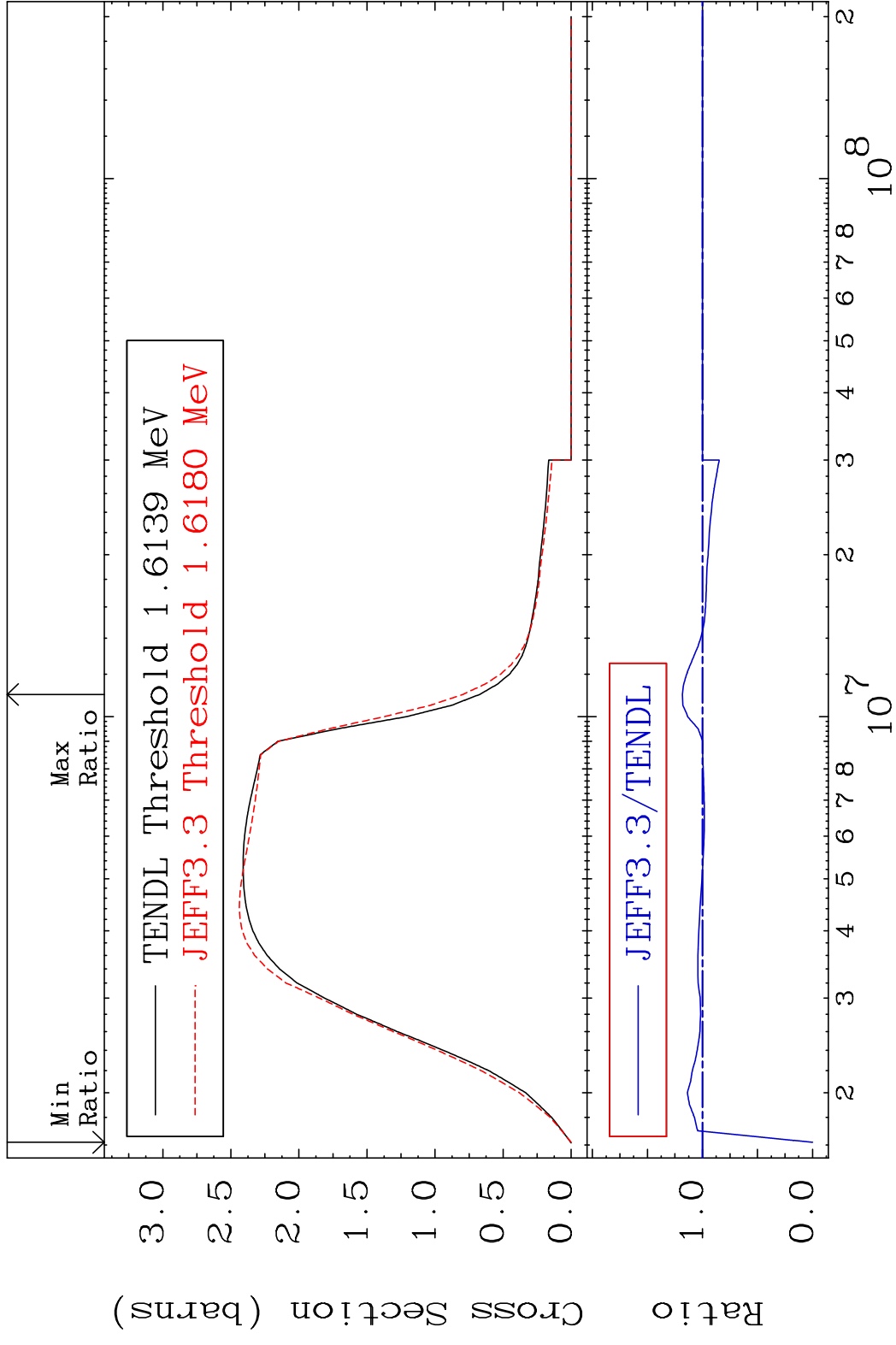


MAT 6637 MT= 80 (n,n') Level 66-Dy-160
 Cross Section -100.0 To 16.73 %



50 Incident Energy (eV) 66-Dy-160

MAT 6637 (n, n') Continuum 66-Dy-160
 Cross Section -100.0 To 18.27 %

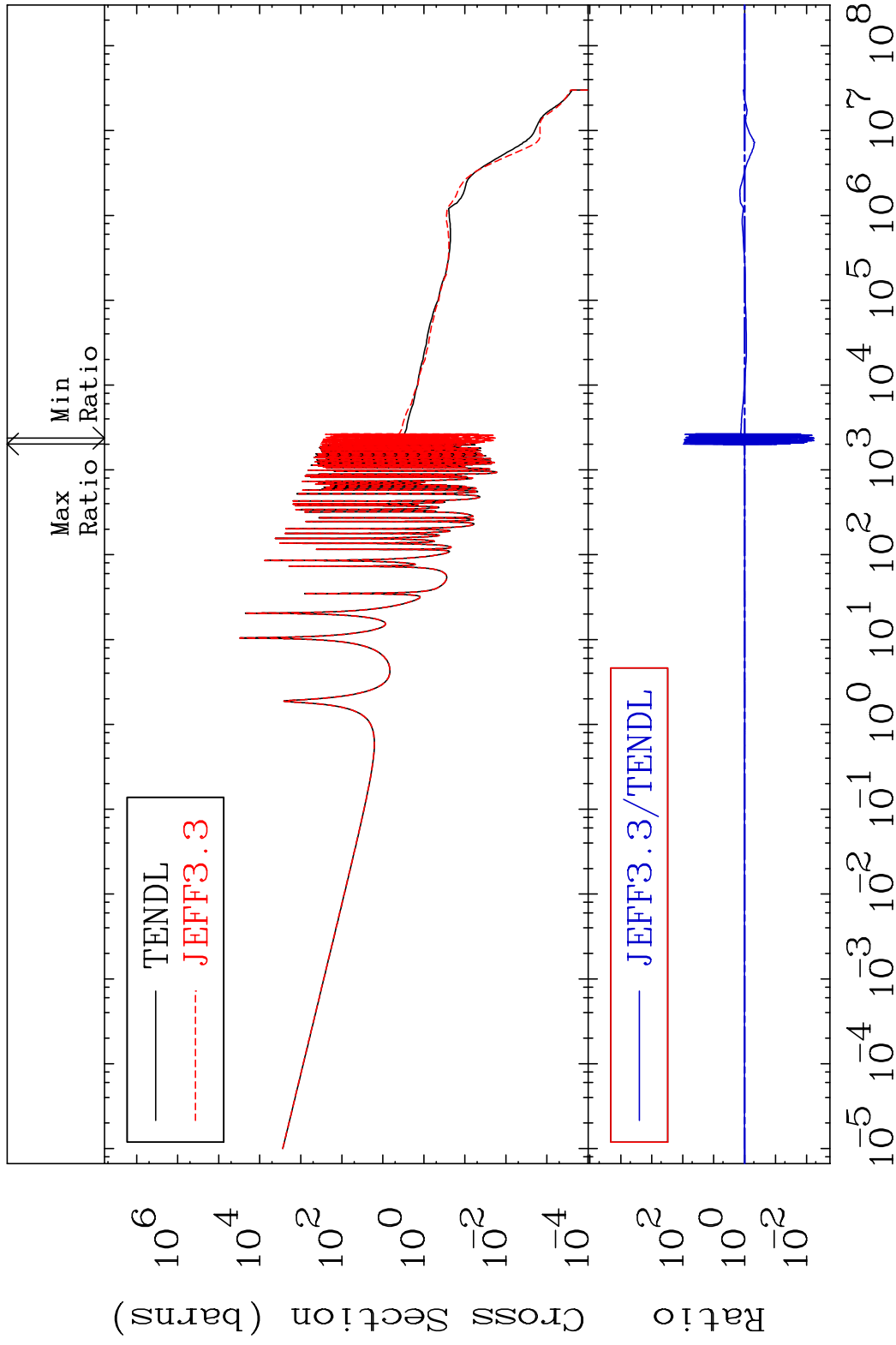


MAT 6637

(n, γ)

66-Dy-160

Cross Section -99.43 To 9232. %



52

Incident Energy (eV)

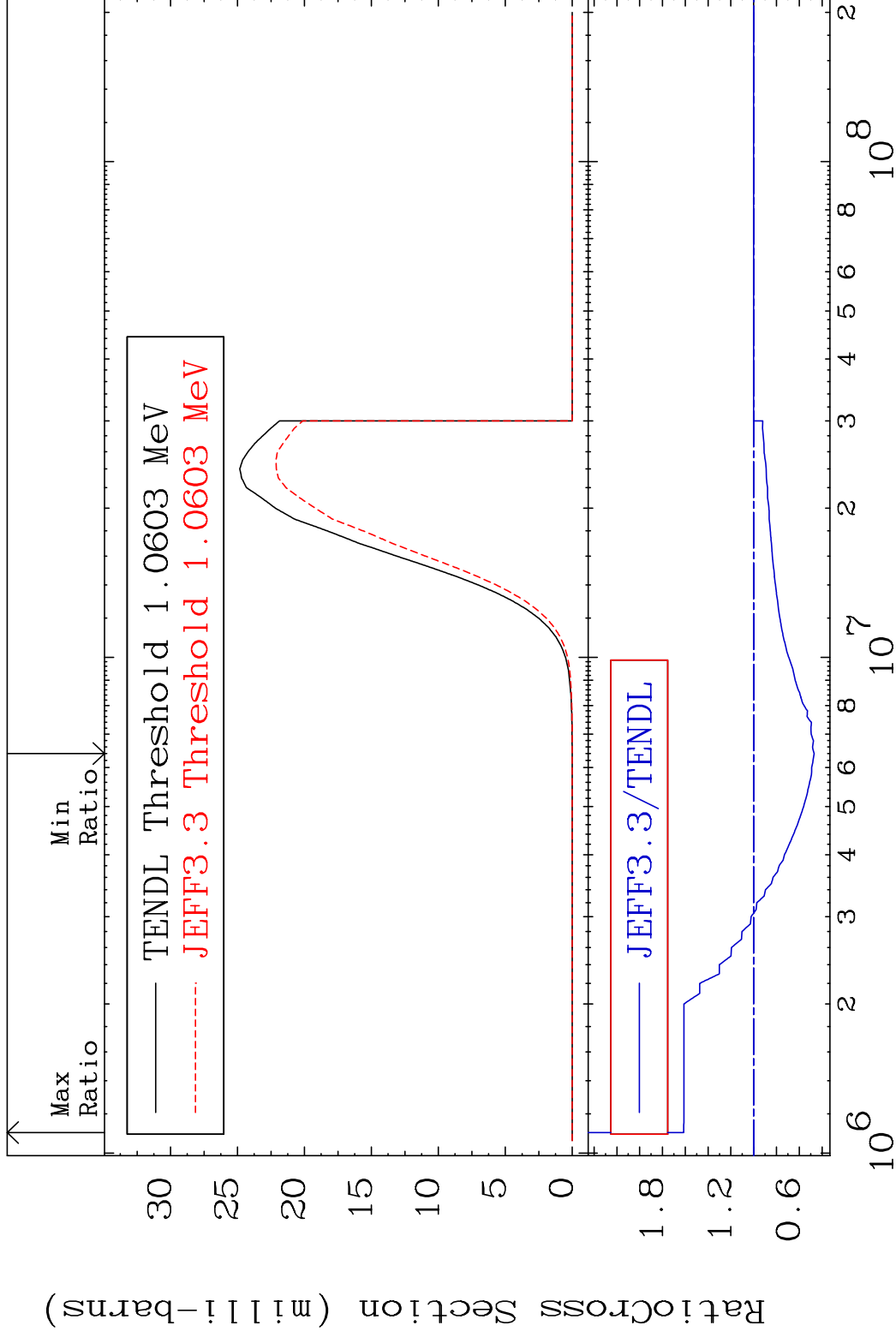
66-Dy-160

MAT 6637

(n, p)

66-Dy-160

Cross Section -53.02 To 61.42 %



53

Incident Energy (eV)

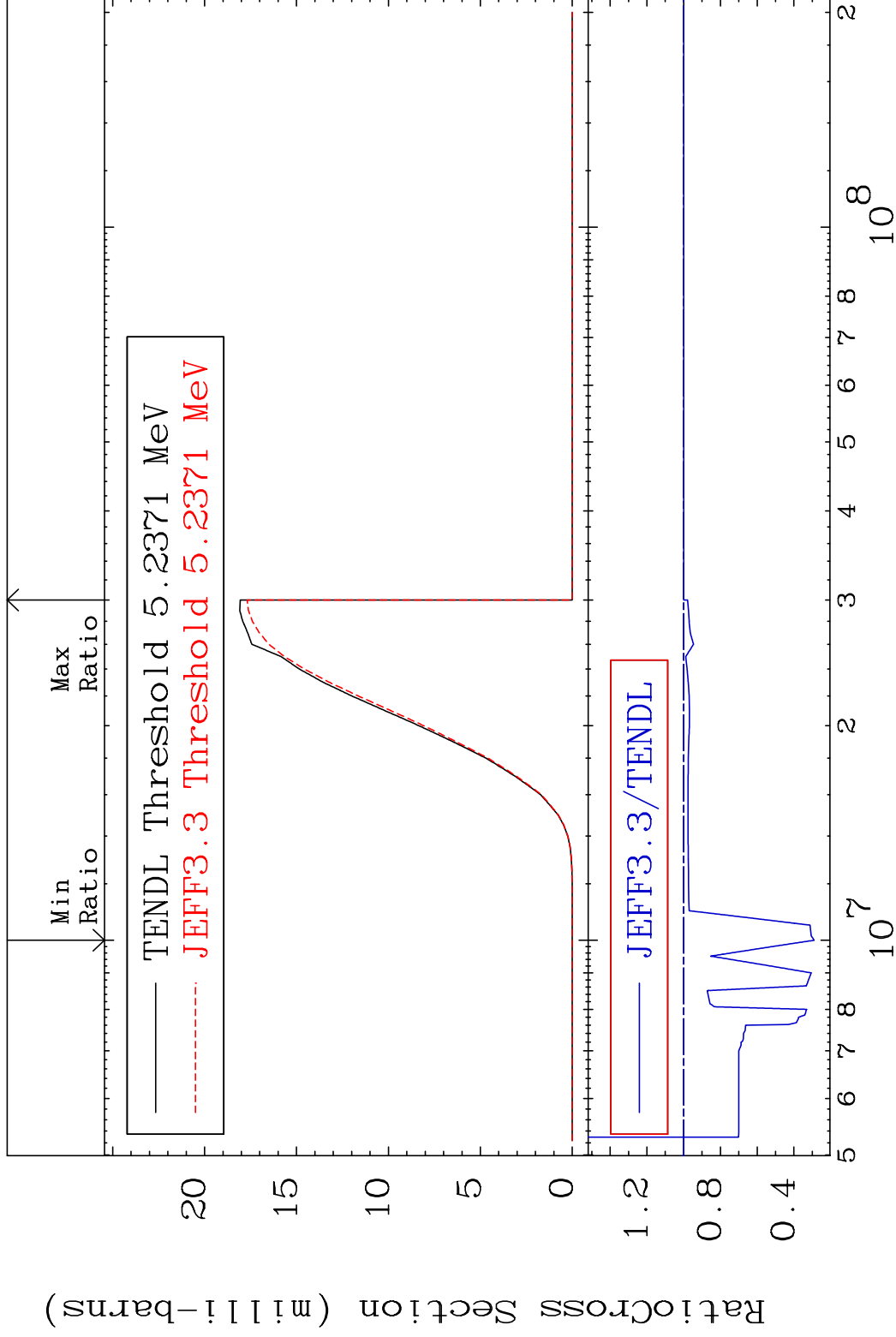
66-Dy-160

MAT 6637

(n, d)

66-Dy-160

Cross Section -70.99 To 0.000 %



54

Incident Energy (eV)

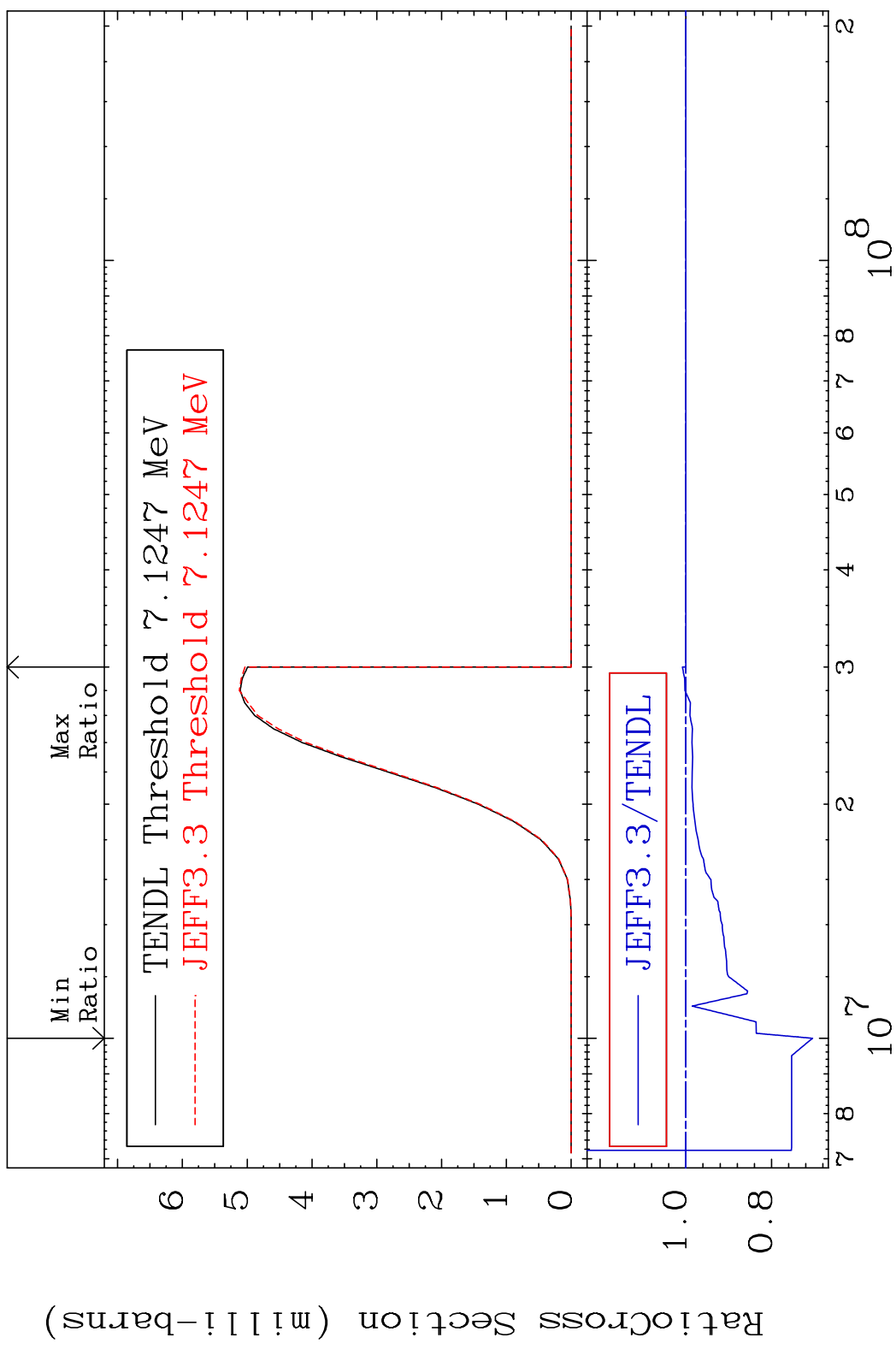
66-Dy-160

MAT 6637

(n, t)

66-Dy-160

Cross Section -29.57 To 0.816 %



55

Incident Energy (eV)

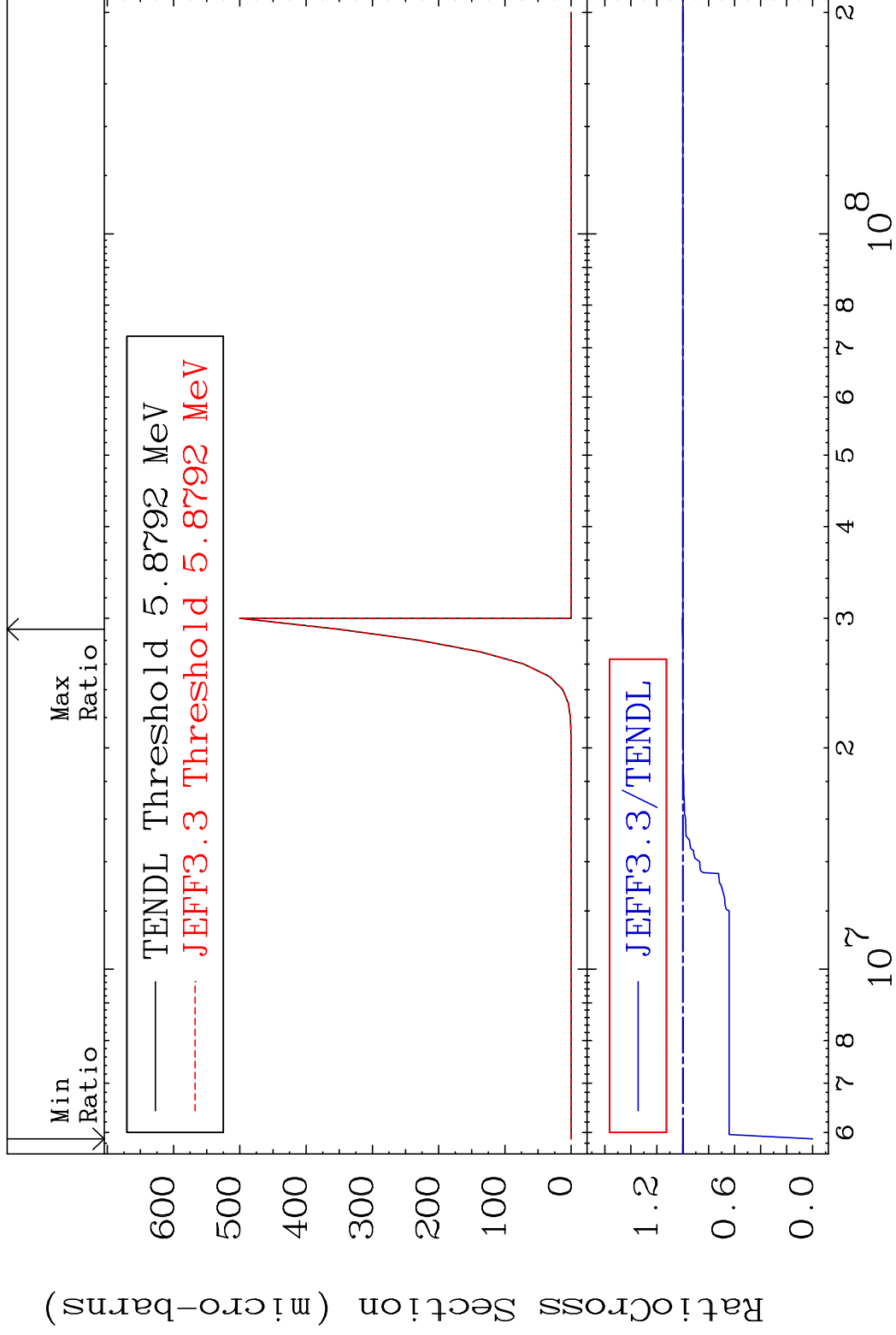
66-Dy-160

MAT 6637

(n, He-3)

66-Dy-160

Cross Section -100.0 To 0.318 %



56

Incident Energy (eV)

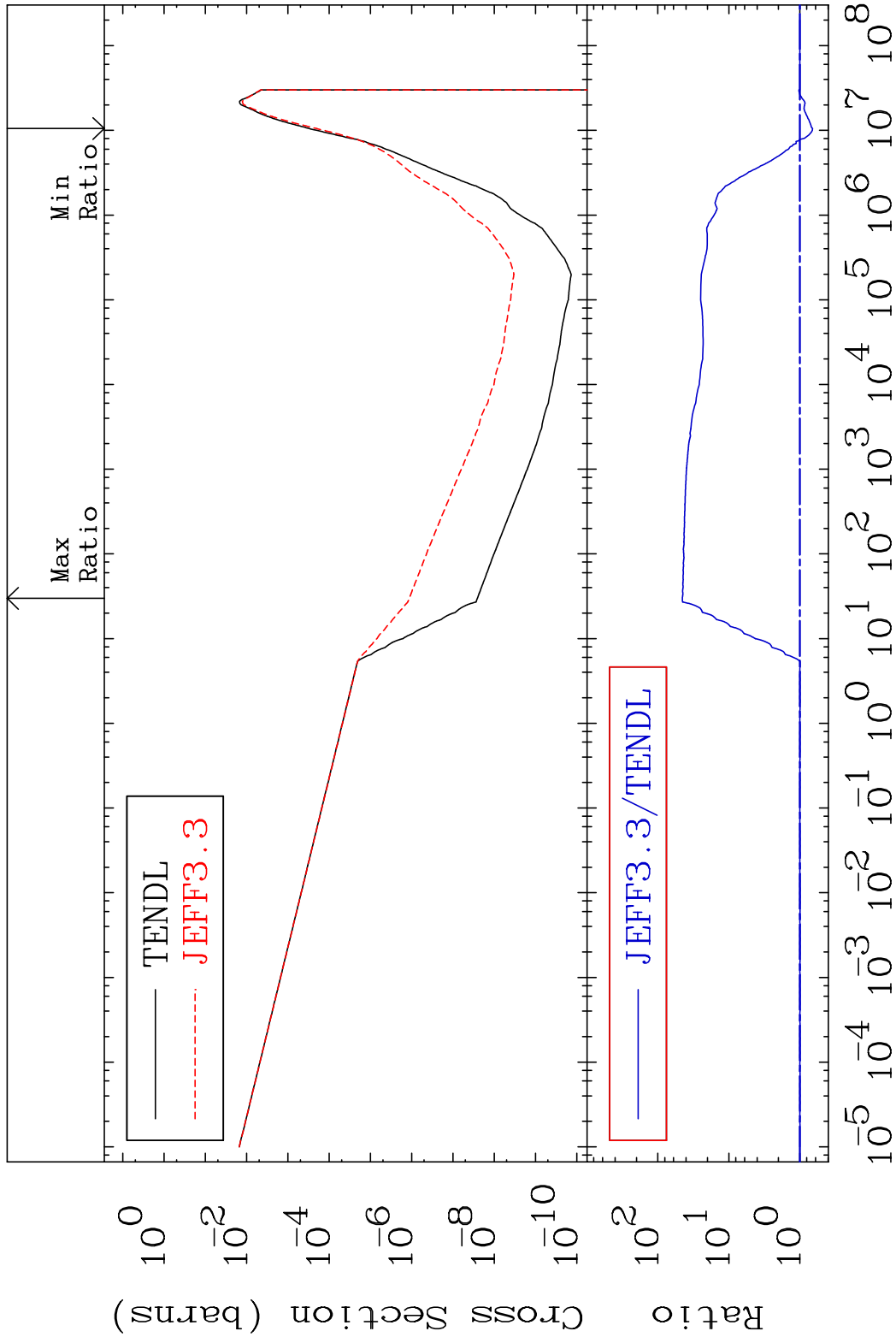
66-Dy-160

MAT 6637

(n, α)

66-Dy-160

Cross Section -33.76 To 4418. %



57

Incident Energy (eV)

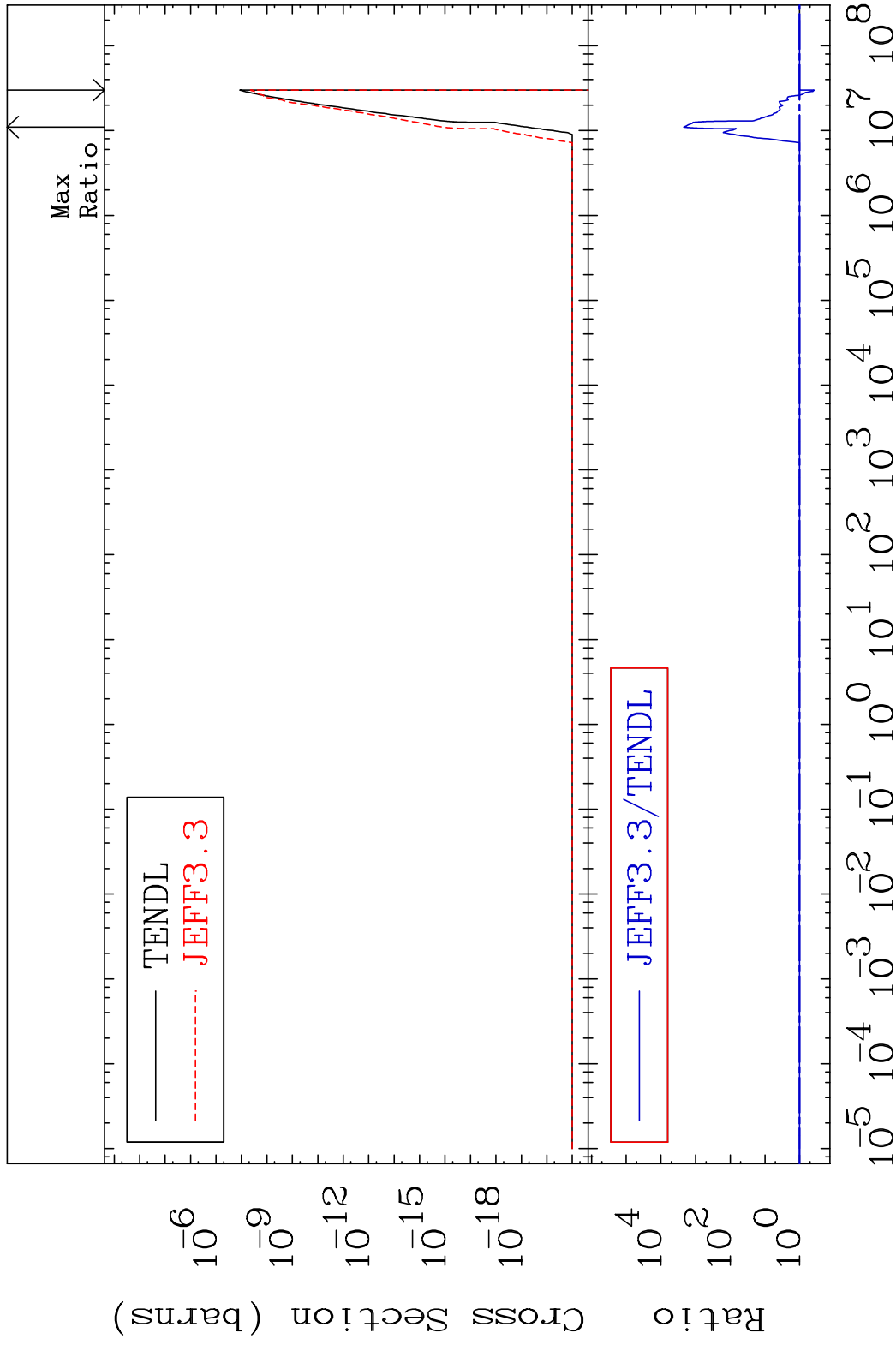
66-Dy-160

MAT 6637

(n,2α)

66-Dy-160

Cross Section -61.75 To 9999. %



58

Incident Energy (eV)

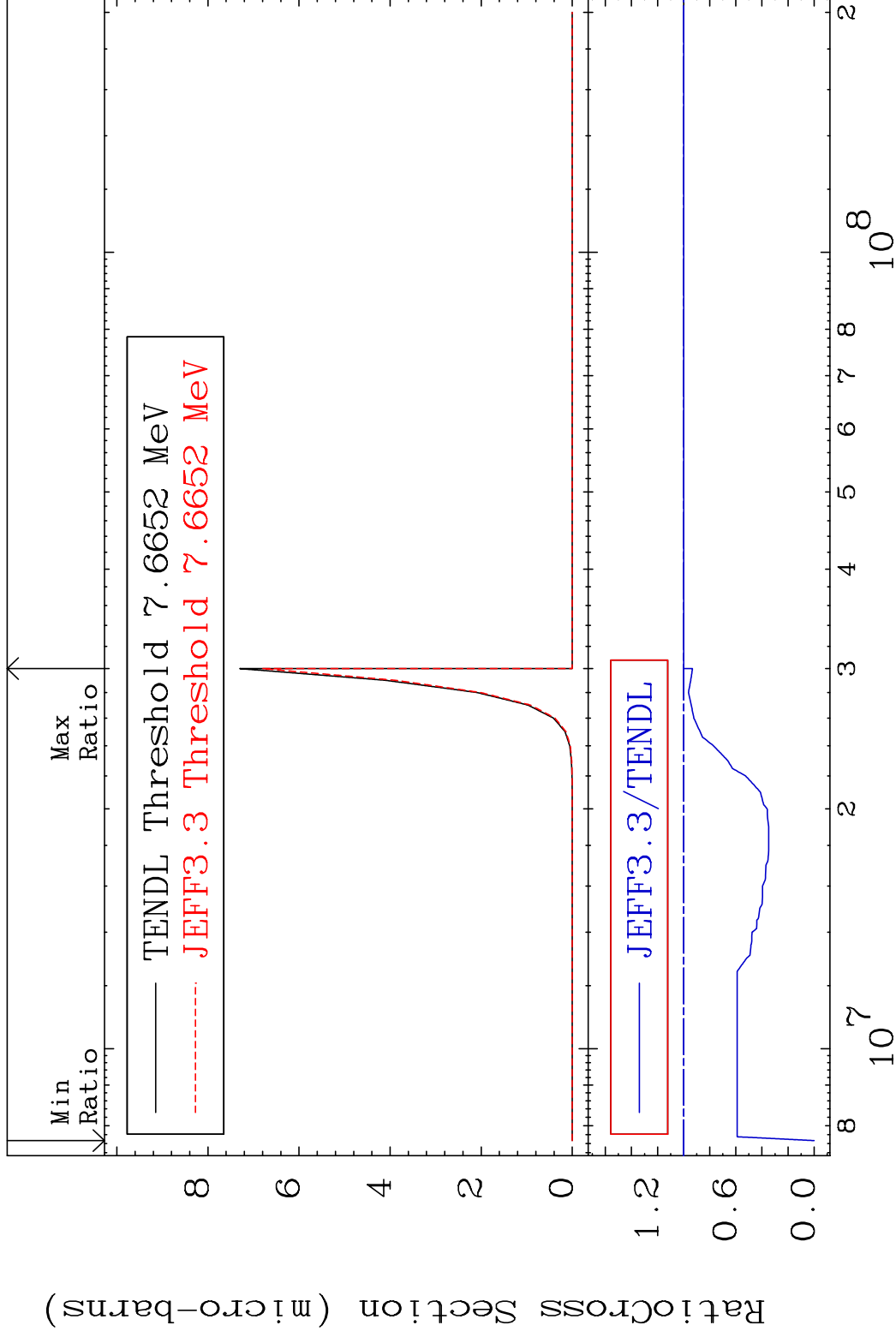
66-Dy-160

MAT 6637

(n,2p)

66-Dy-160

Cross Section -100.0 To 0.000 %



59

Incident Energy (eV)

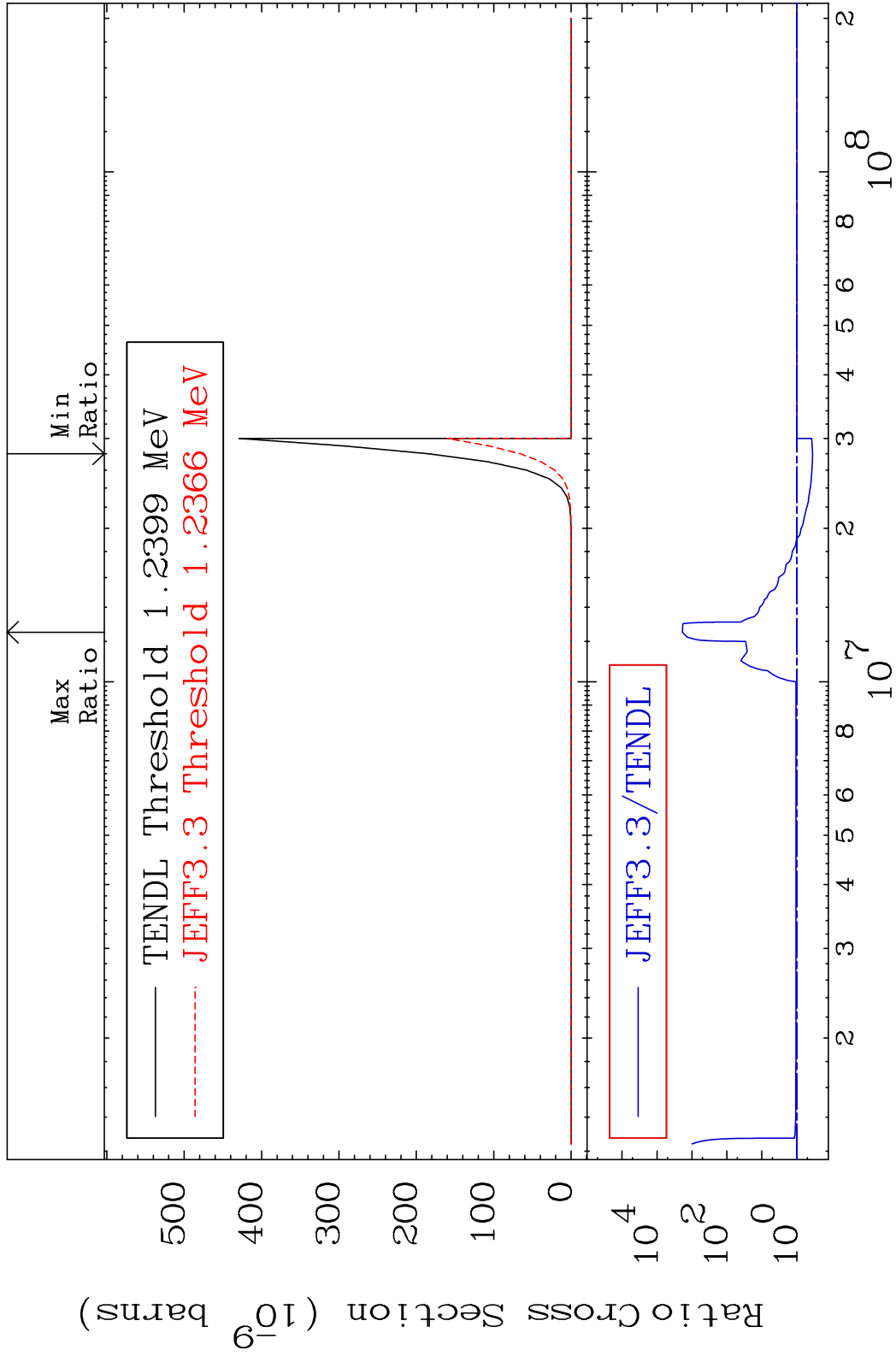
66-Dy-160

MAT 6637

(n,p) α

66-Dy-160

Cross Section -64.51 To 9999. %

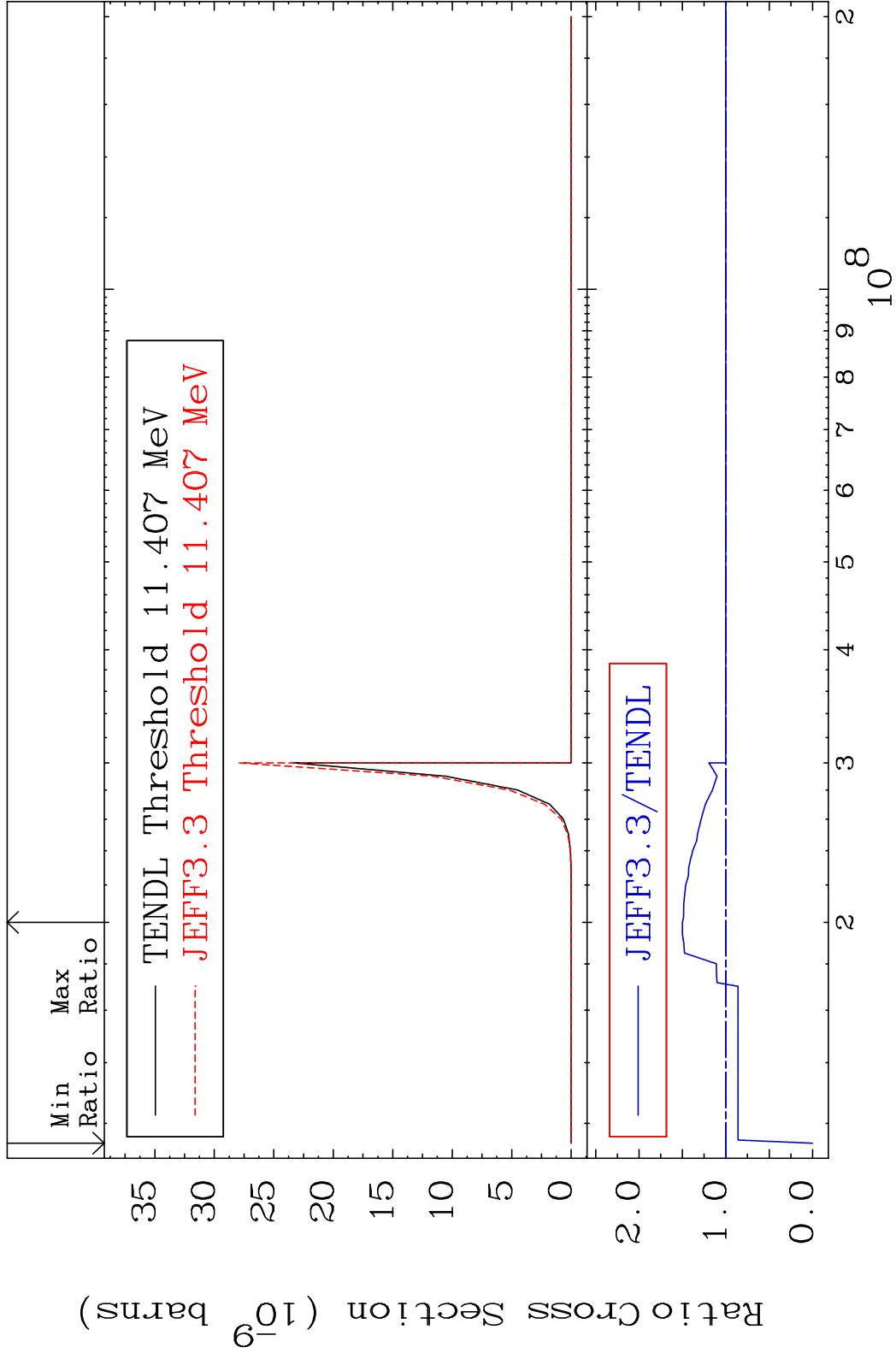


60

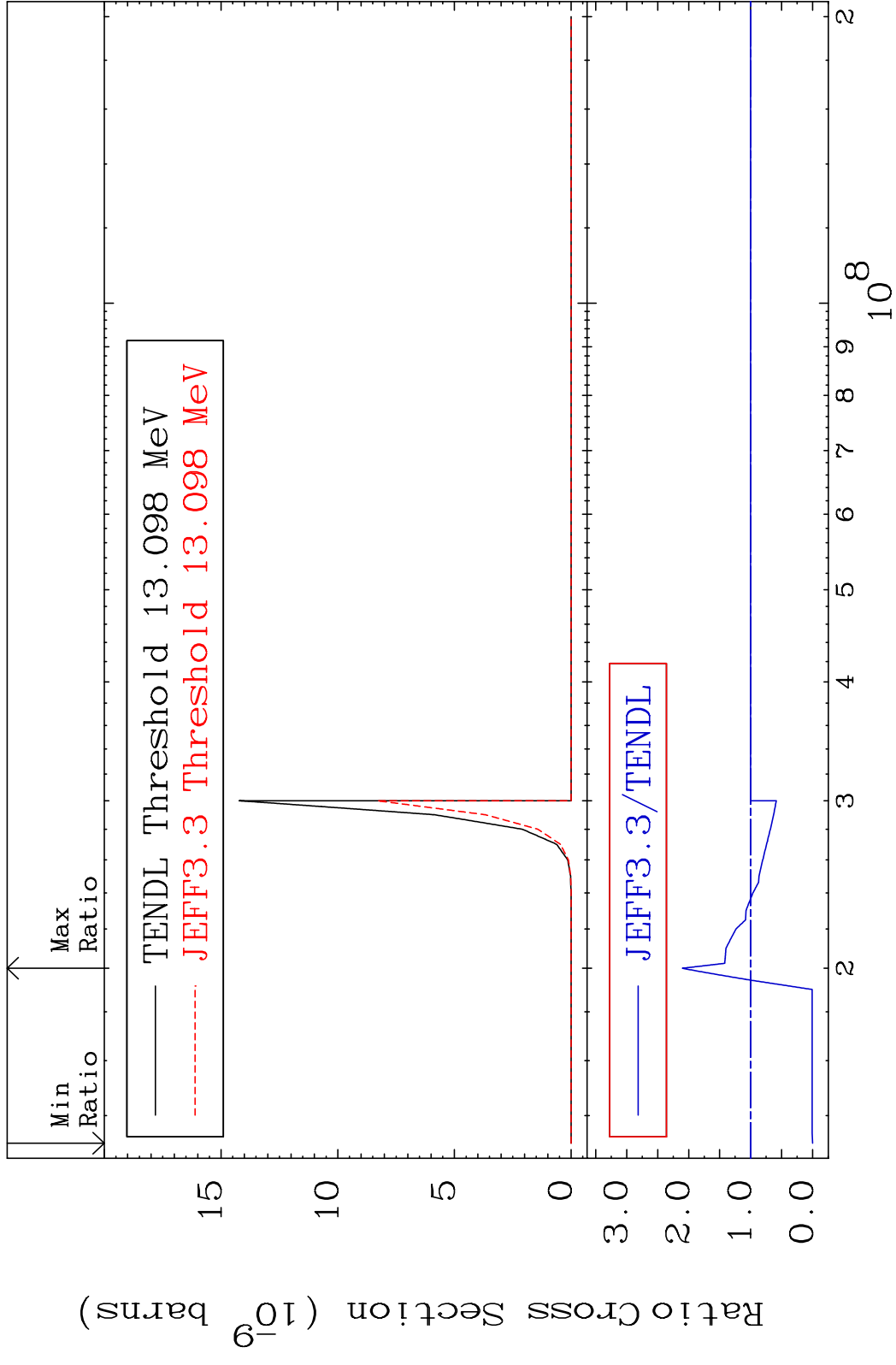
Incident Energy (eV)

66-Dy-160

MAT 6637 (n,p) d 66-Dy-160
 Cross Section -100.0 To 50.06 %



MAT 6637 (n,p) t 66-Dy-160
 Cross Section -100.0 To 110.3 %

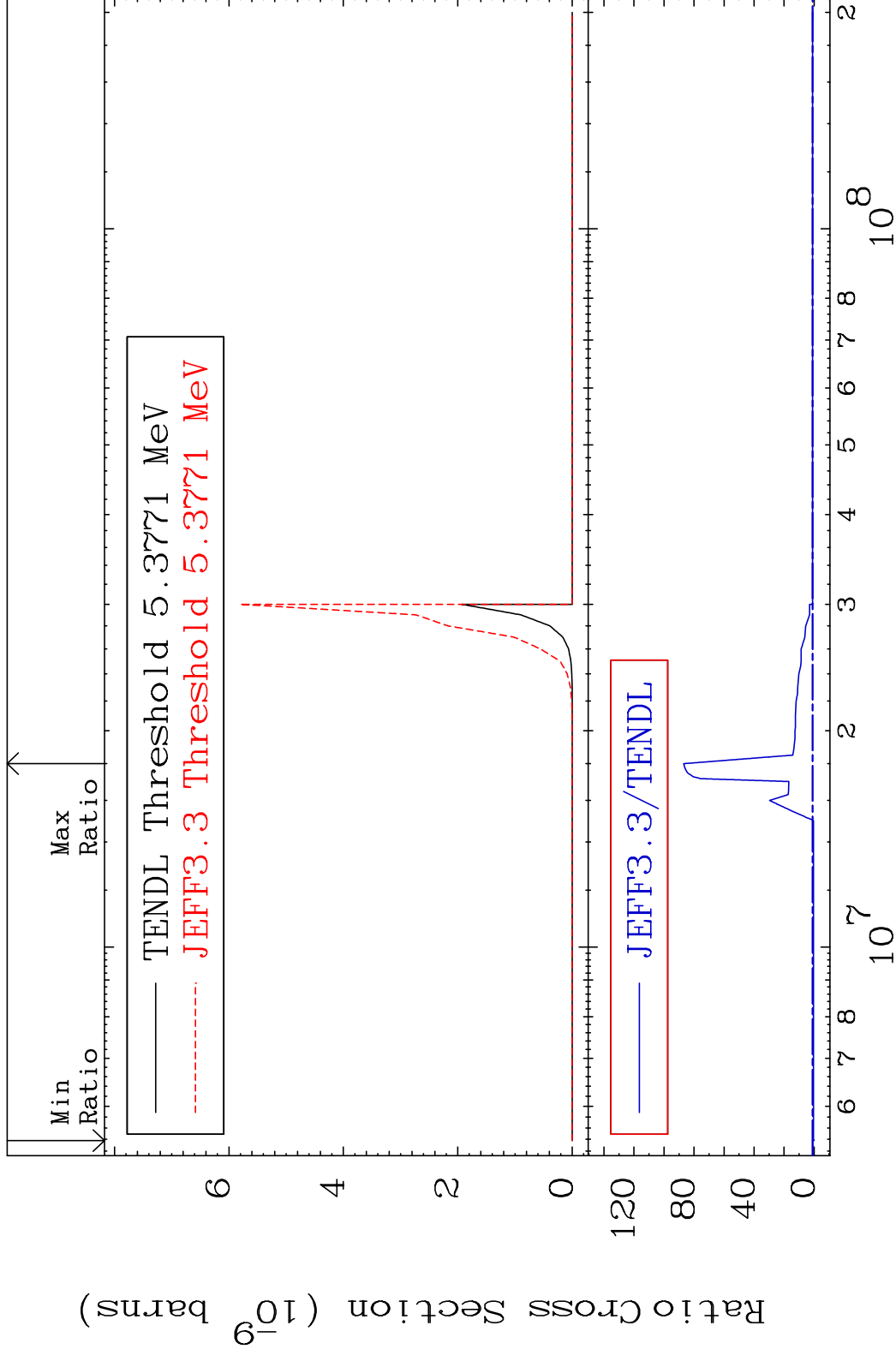


MAT 6637

(n, d) α

66-Dy-160

Cross Section -100.0 To 8591. %



63

Incident Energy (eV)

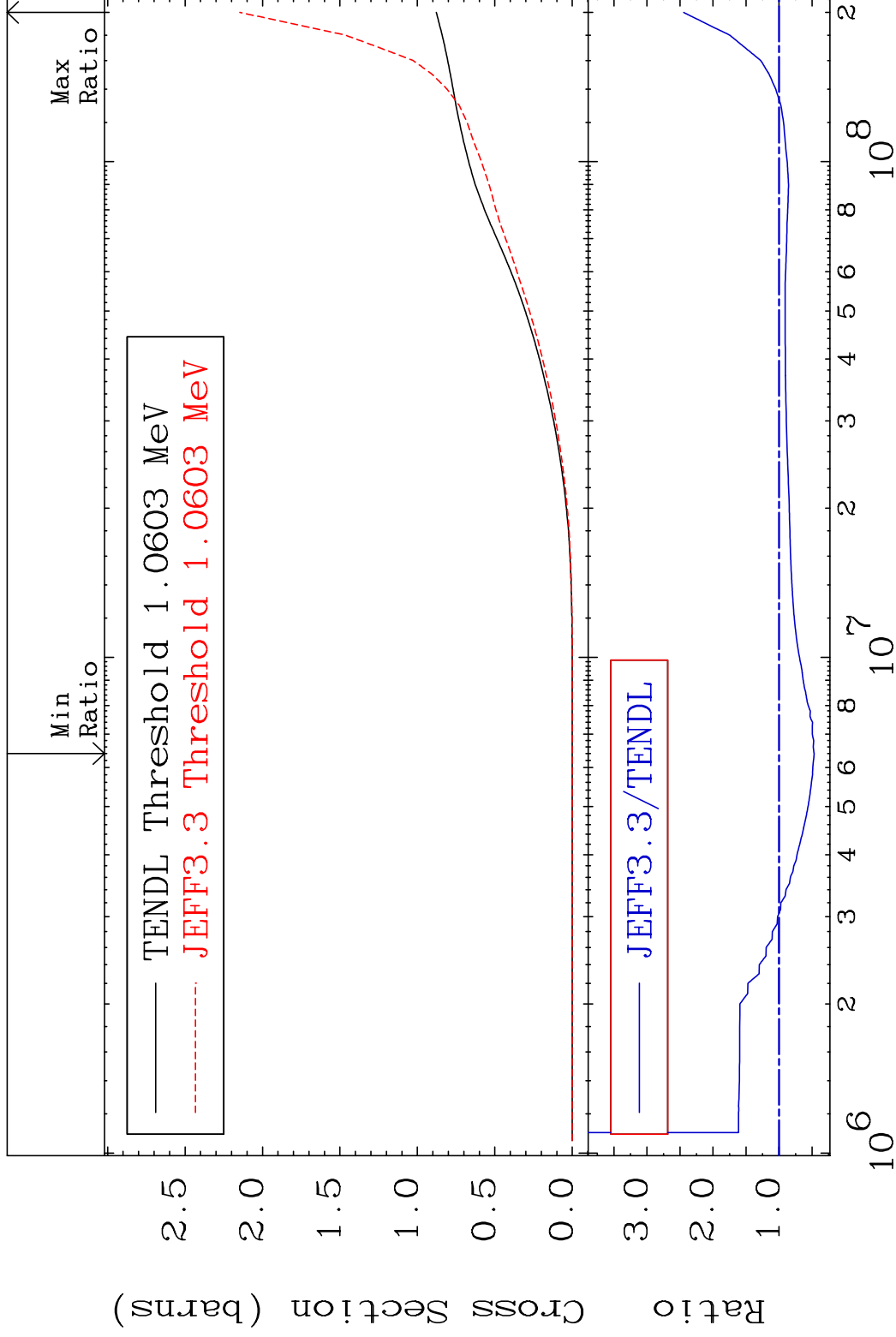
66-Dy-160

MAT 6637

Hydrogen Production

66-Dy-160

Cross Section -53.02 To 144.5 %



64

Incident Energy (eV)

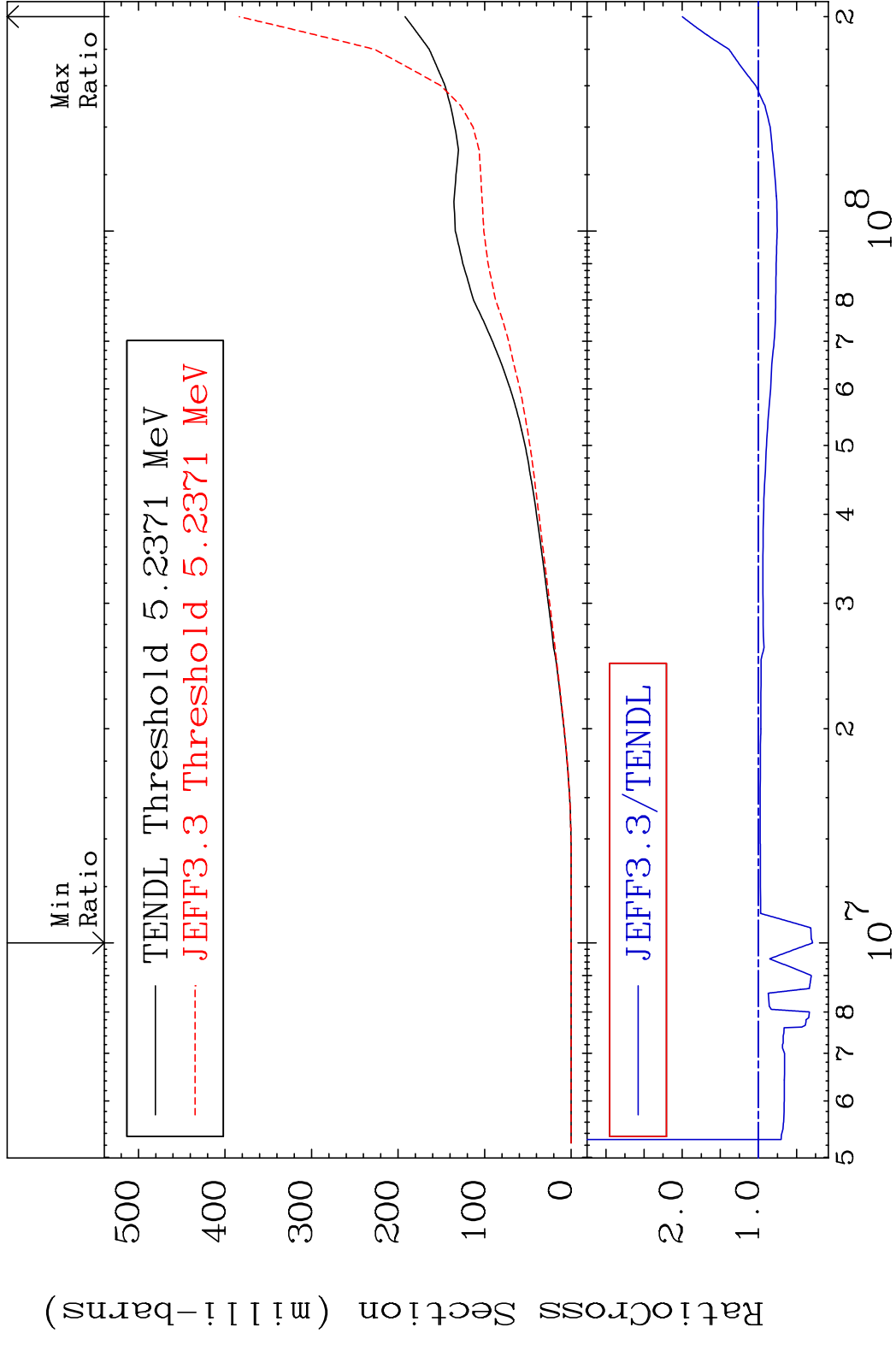
66-Dy-160

MAT 6637

Deuterium Production

66-Dy-160

Cross Section -70.99 To 99.75 %



65

Incident Energy (eV)

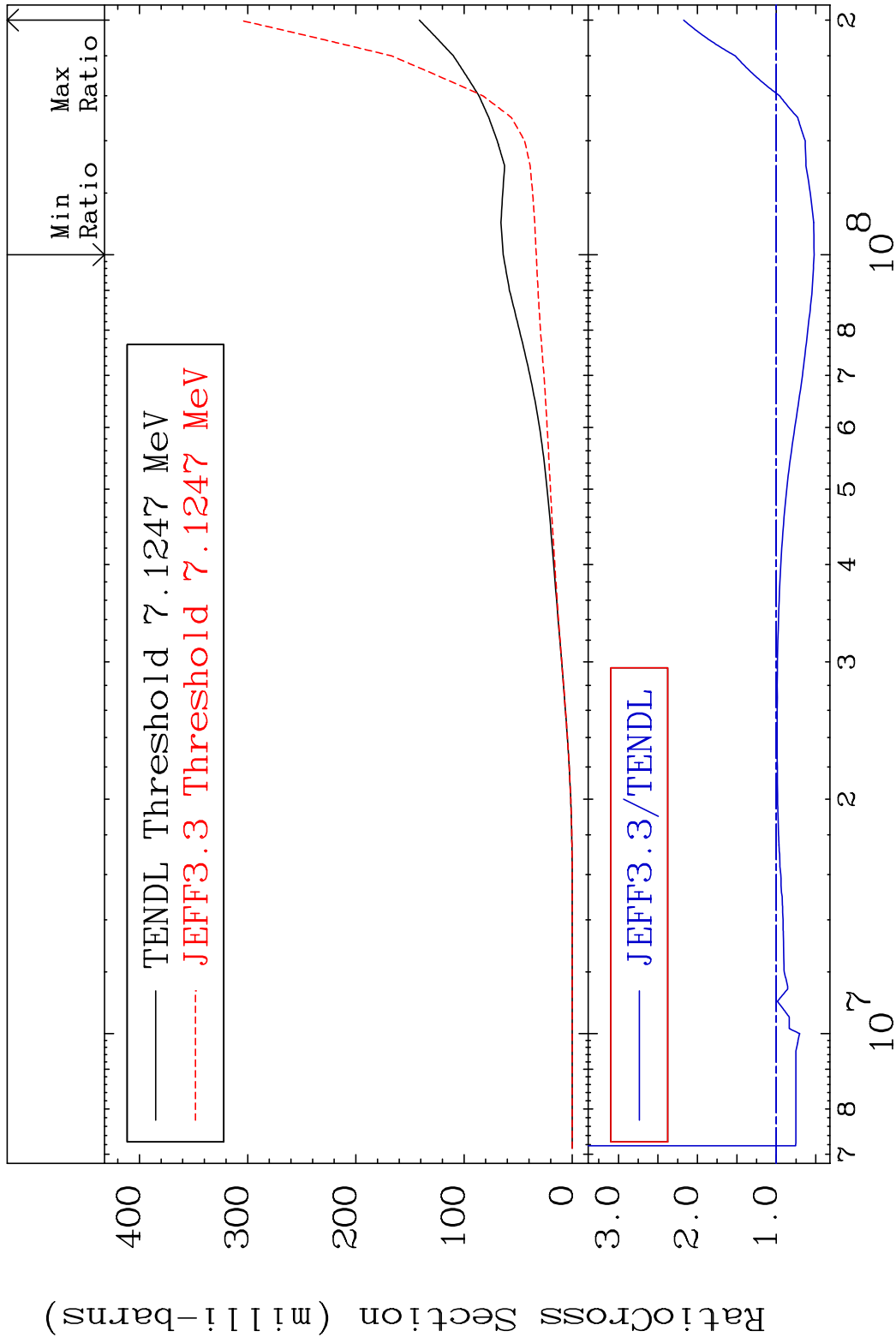
66-Dy-160

MAT 6637

Tritium Production

66-Dy-160

Cross Section -47.89 To 117.4 %



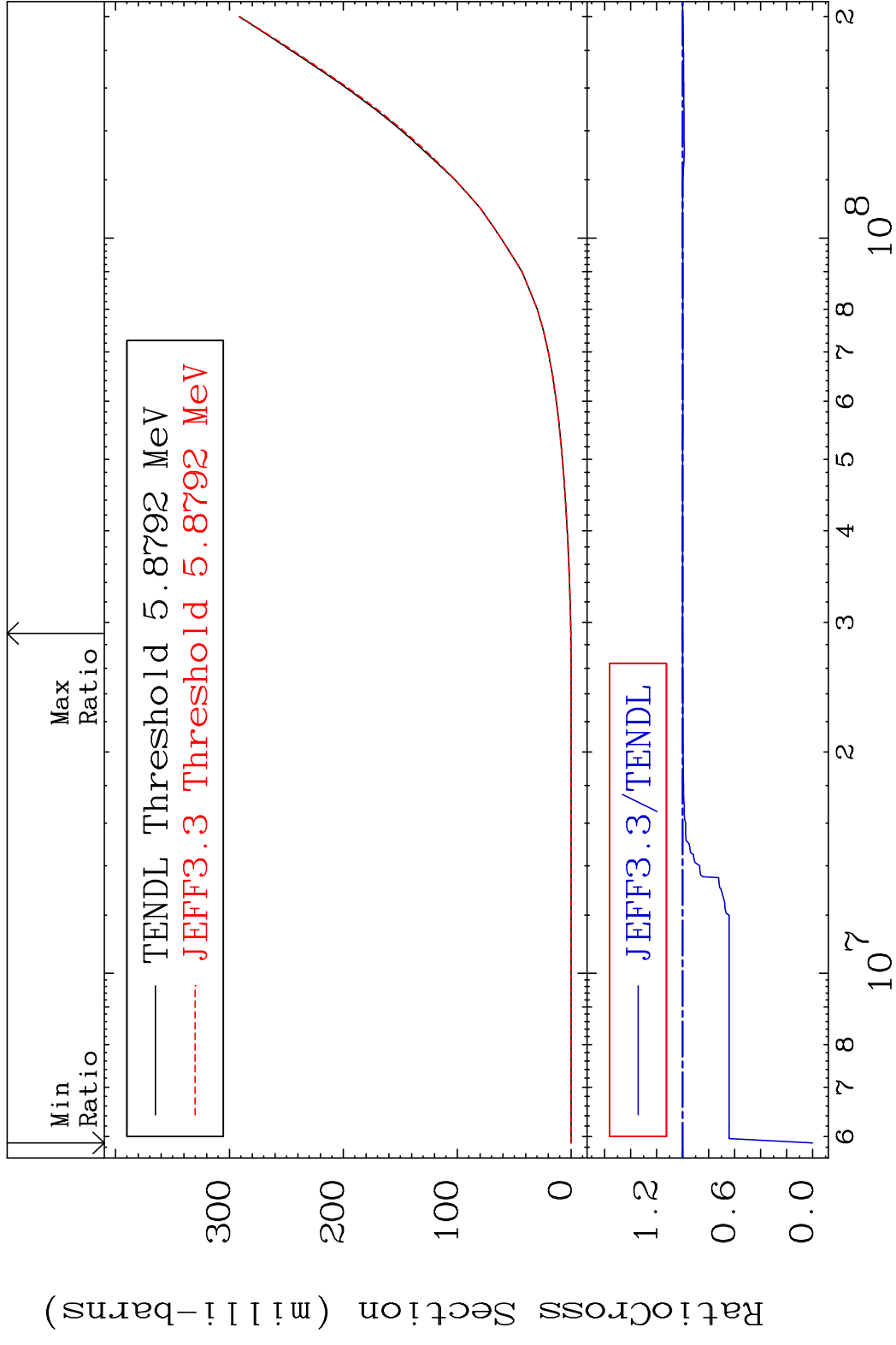
66

Incident Energy (eV)

66-Dy-160

MAT 6637

He-3 Production 66-Dy-160
Cross Section -100.0 To 0.223 %



67

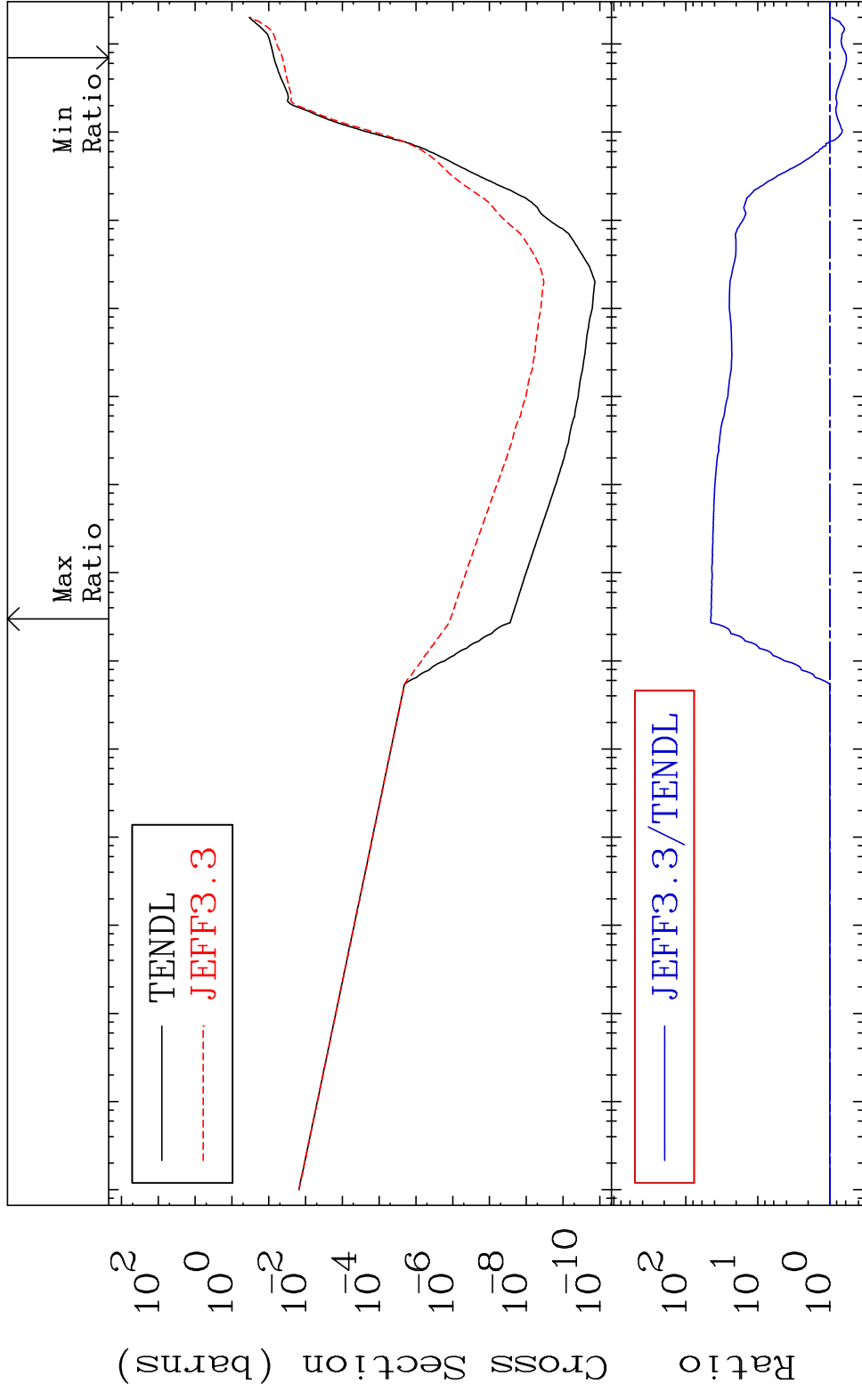
Incident Energy (eV) 66-Dy-160

MAT 6637

He-4 Production

66-Dy-160

Cross Section -41.14 To 4418. %



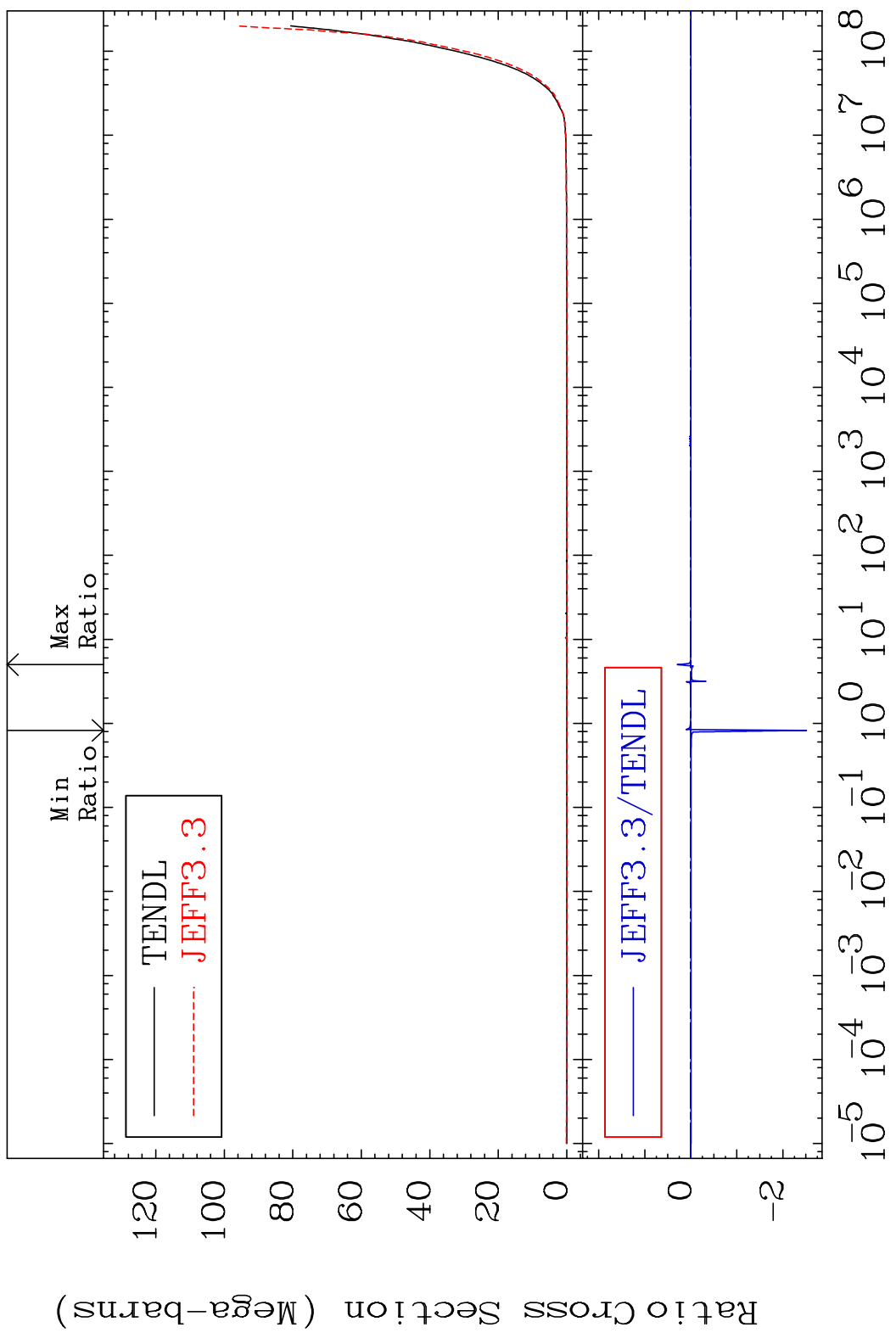
68

Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma total (eV-barns) 66-Dy-160
Cross Section -9999. To 9999. %



69

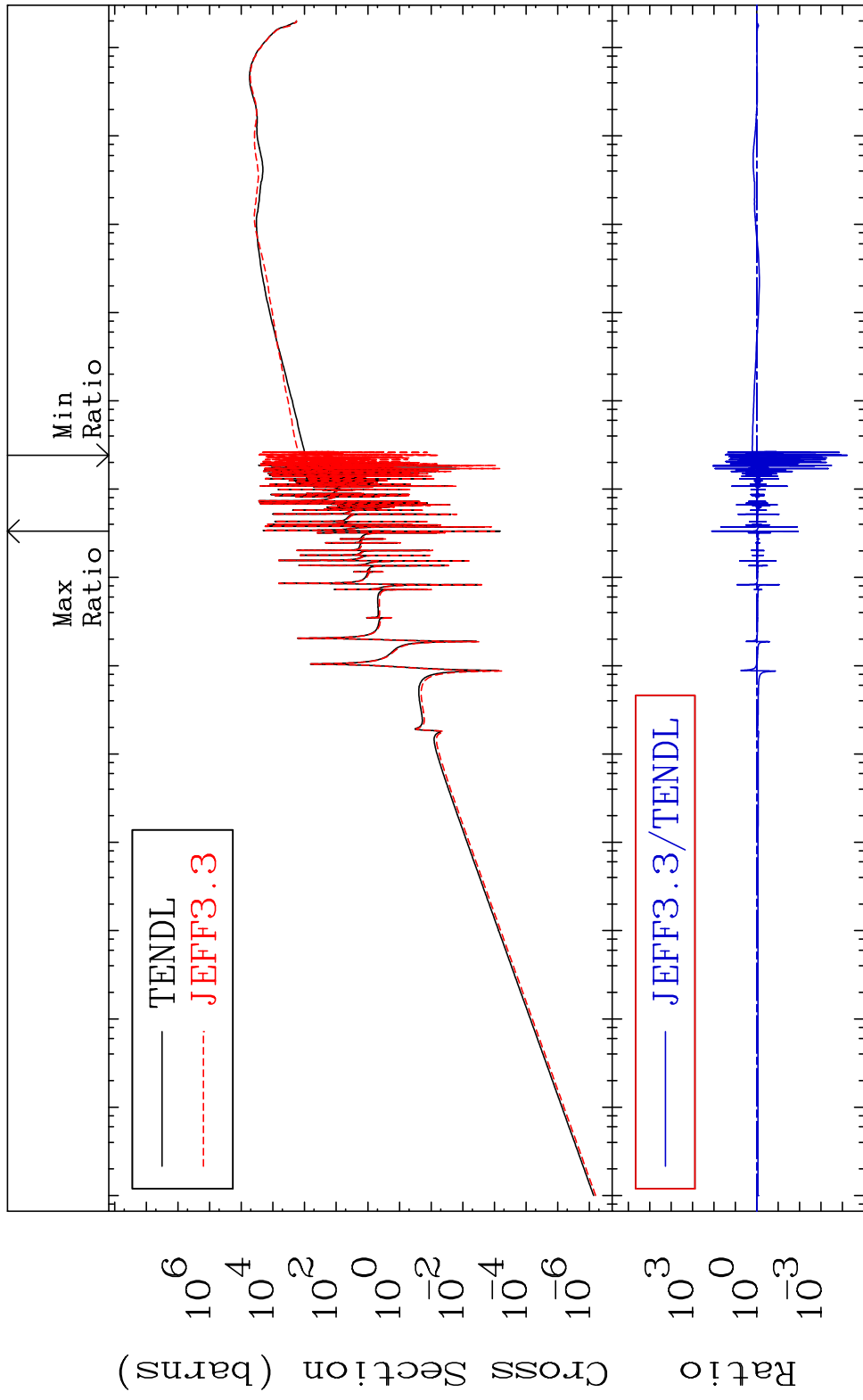
Incident Energy (eV) 66-Dy-160

MAT 6637

Kerma elastic

66-Dy-160

Cross Section -99.99 To 9999. %

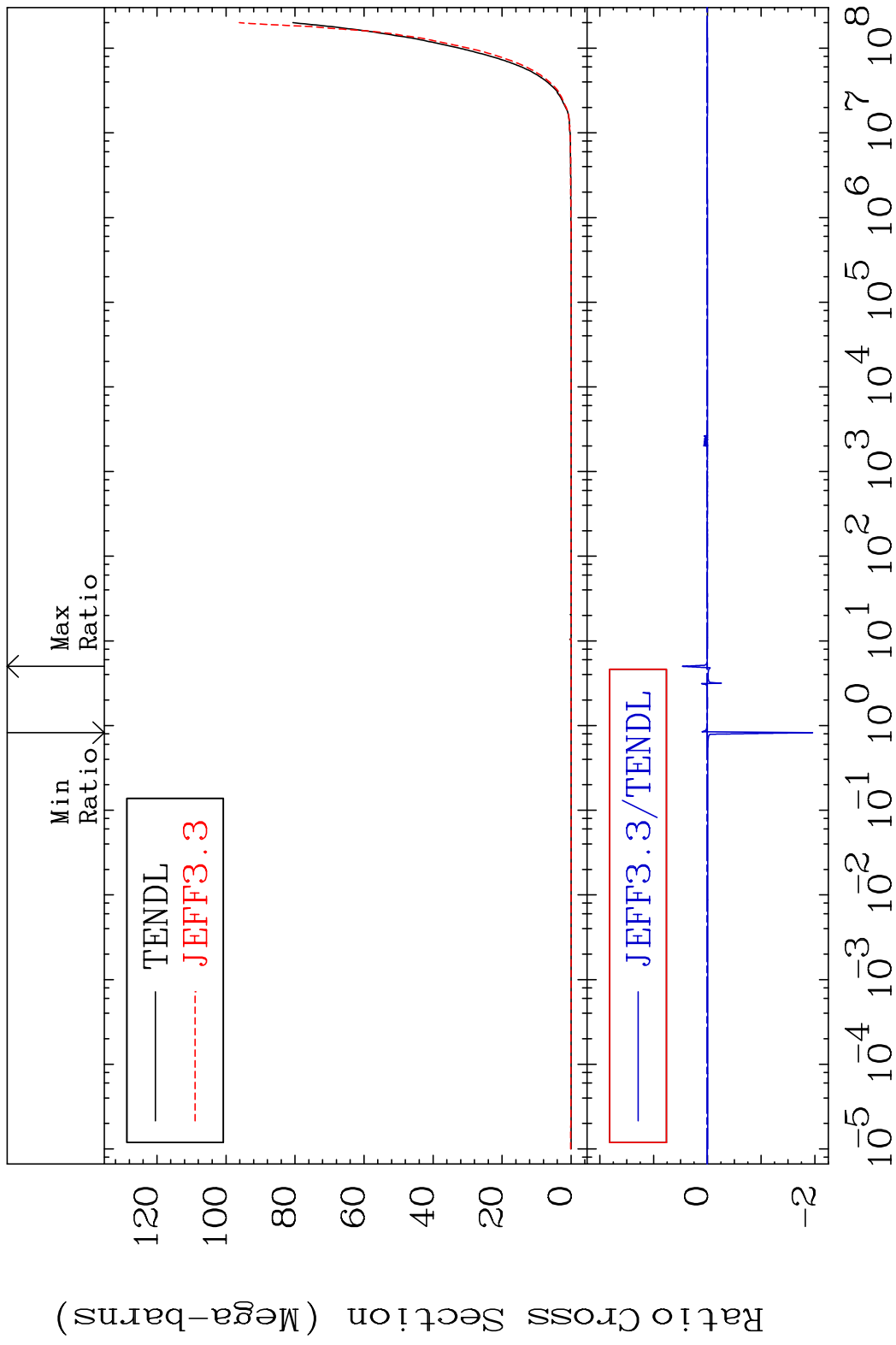


70

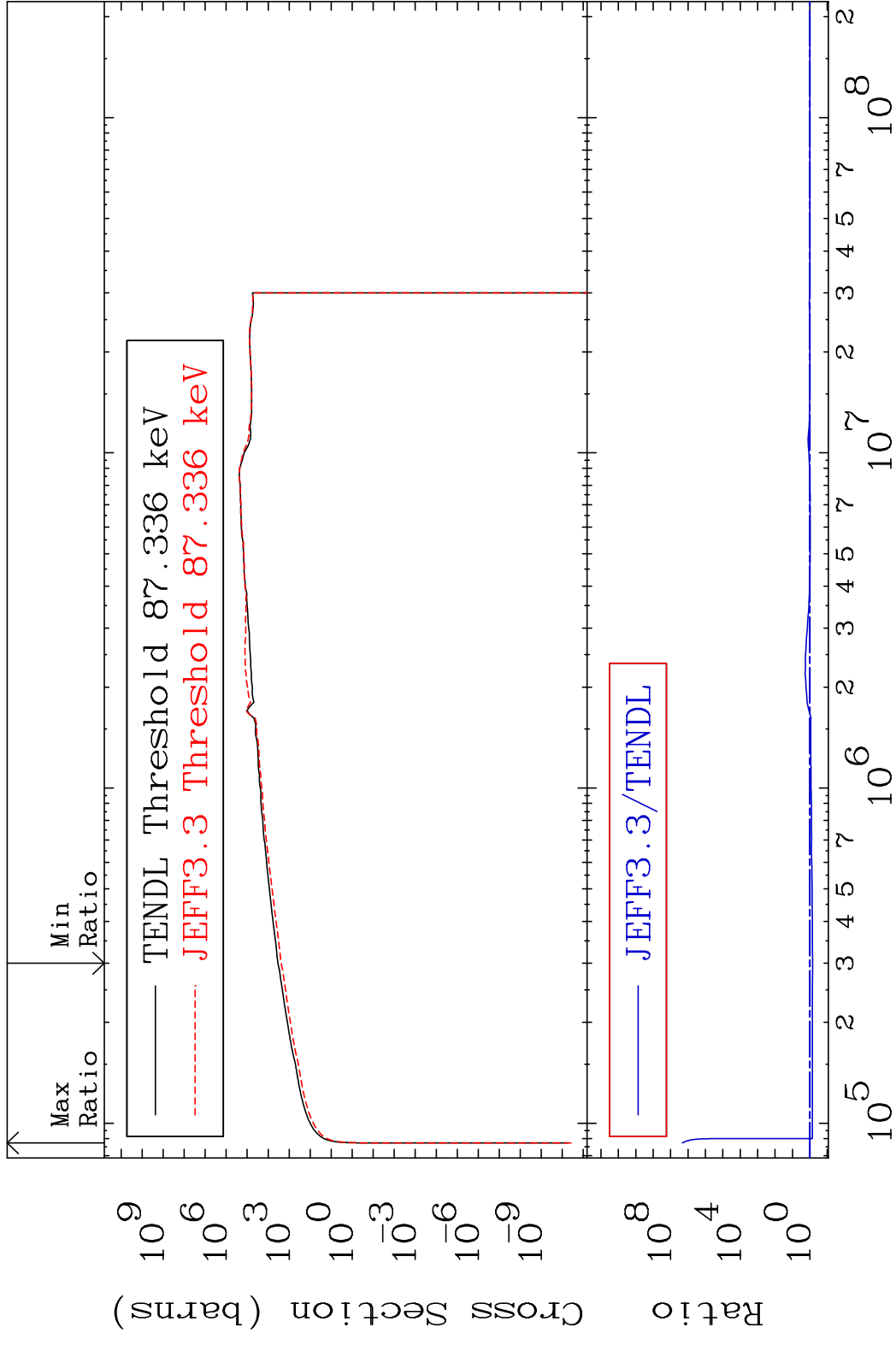
Incident Energy (eV)

66-Dy-160

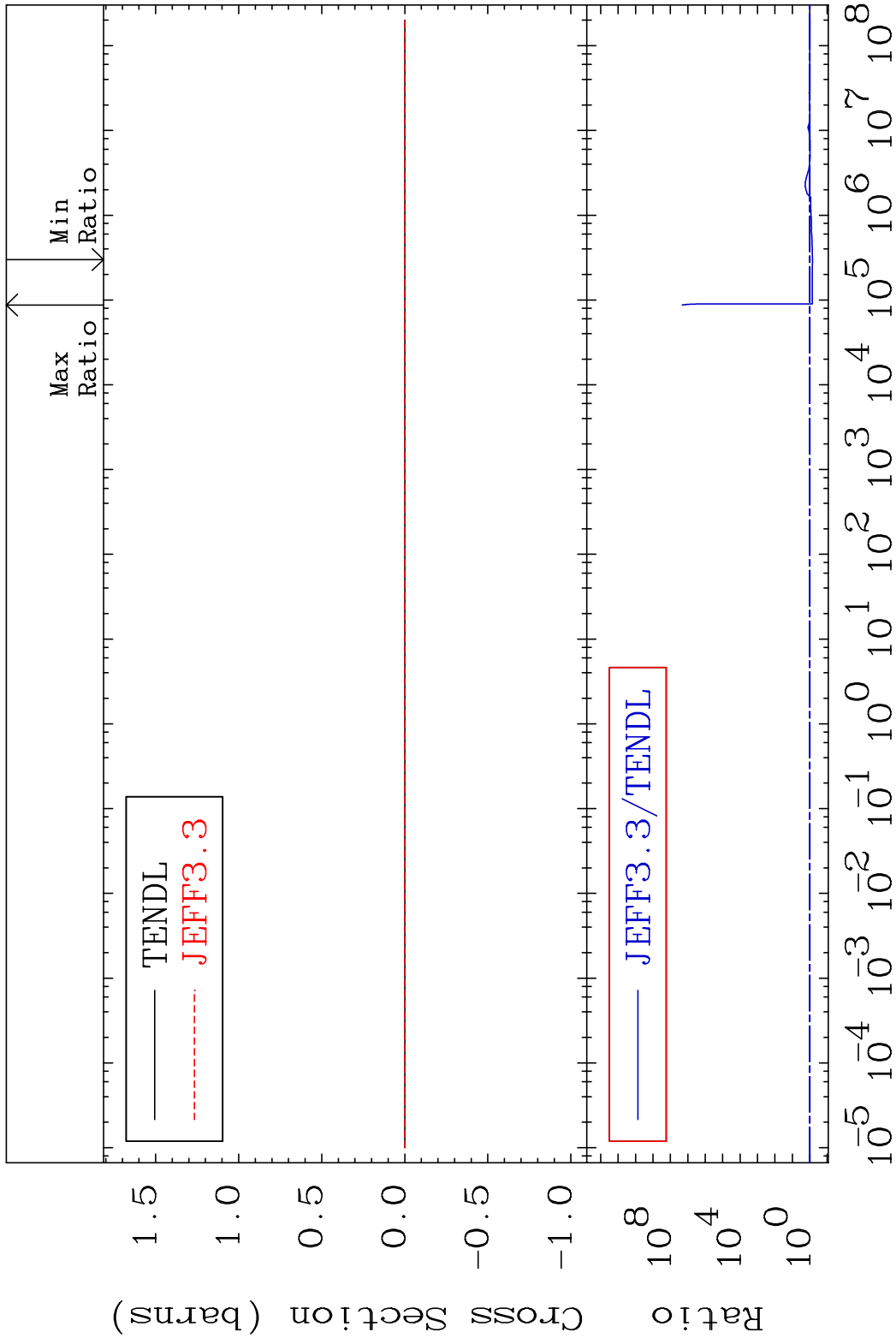
MAT 6637 Kerma non-elastic (all but mt2) 66-Dy-160
 Cross Section -9999. To 9999. %



MAT 6637 Kerma inelastic (mt51-91) 66-Dy-160
 Cross Section -30.02 To 9999. %

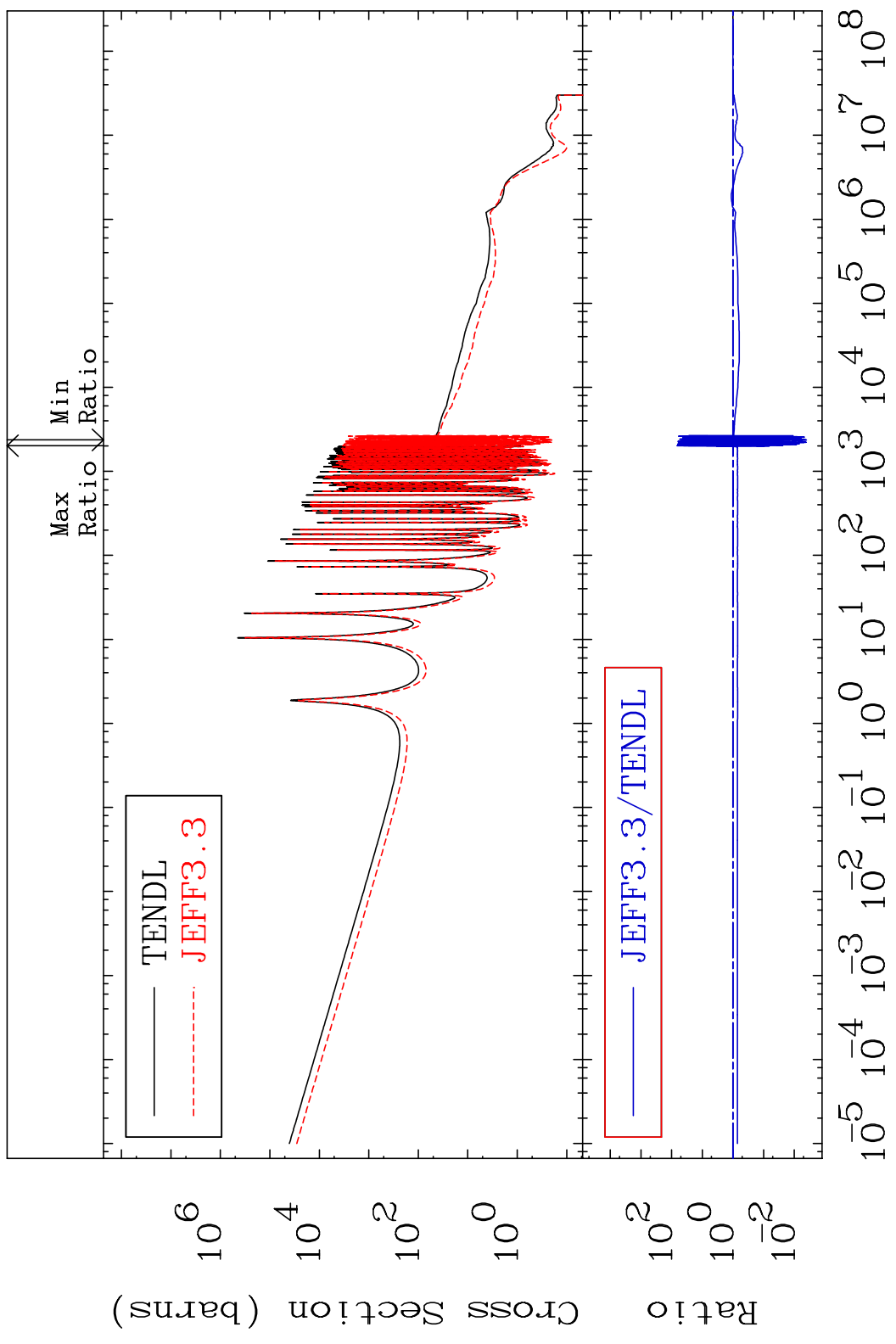


MAT 6637 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-160
 Cross Section -30.02 To 9999. %



MAT 6637

Kerma capture (mt102) 66-Dy-160
Cross Section -99.60 To 6481. %



74

Incident Energy (eV)

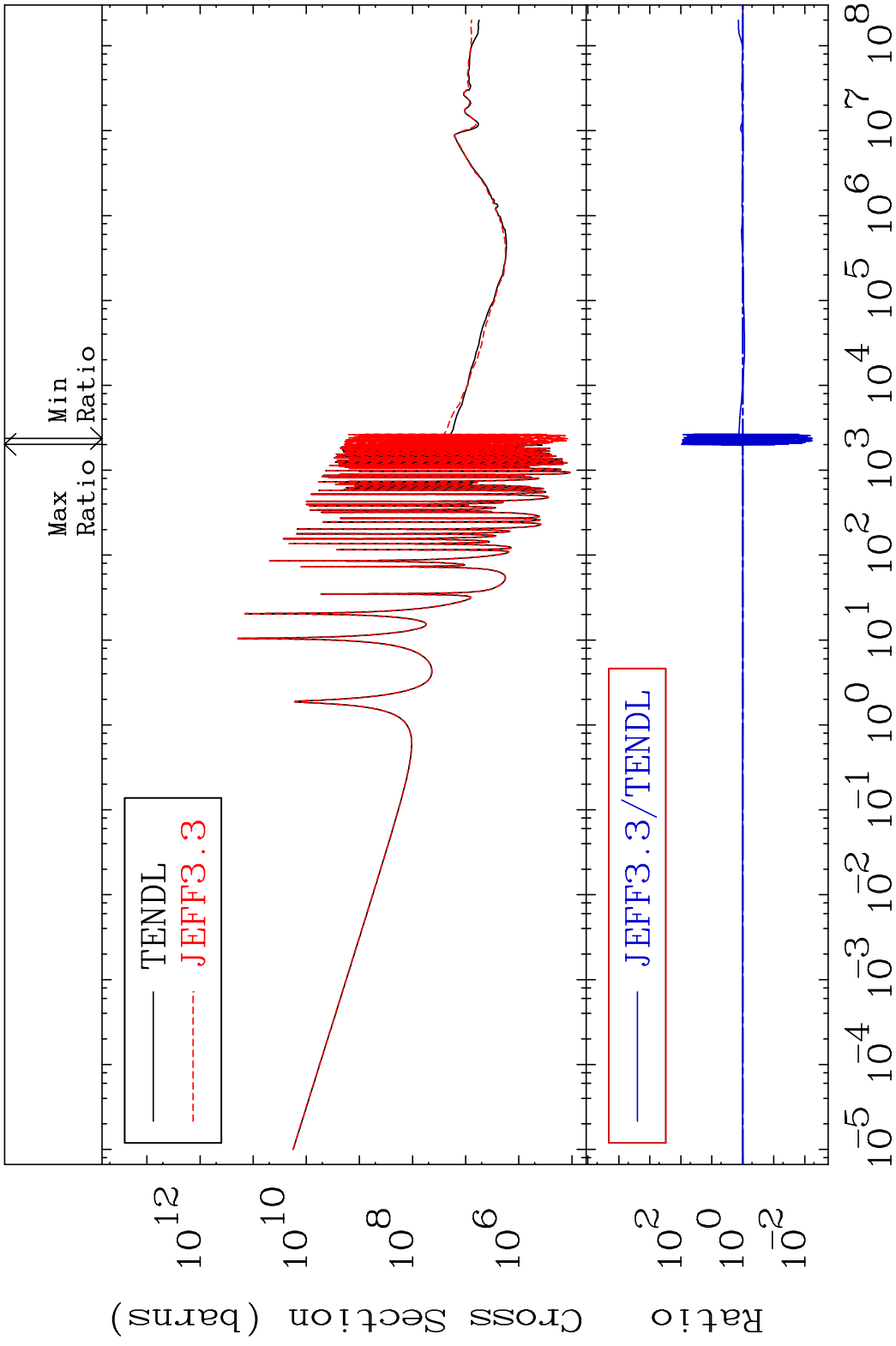
66-Dy-160

MAT 6637

Total photon (eV-barns)

66-Dy-160

Cross Section -99.43 To 9232. %

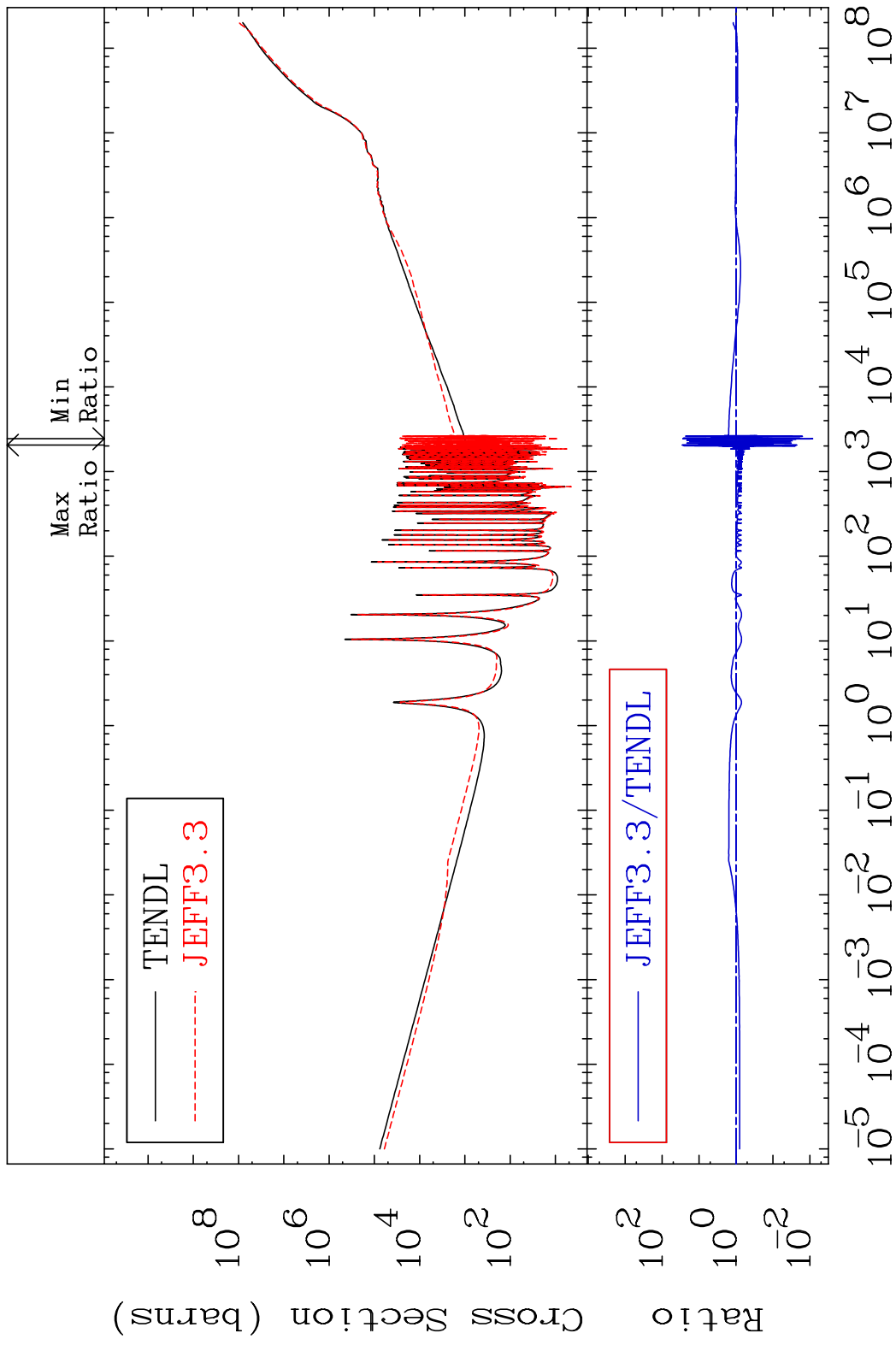


75

Incident Energy (eV)

66-Dy-160

MAT 6637 Total kinematic kerma (high limit) 66-Dy-160
 Cross Section -99.15 To 2733. %

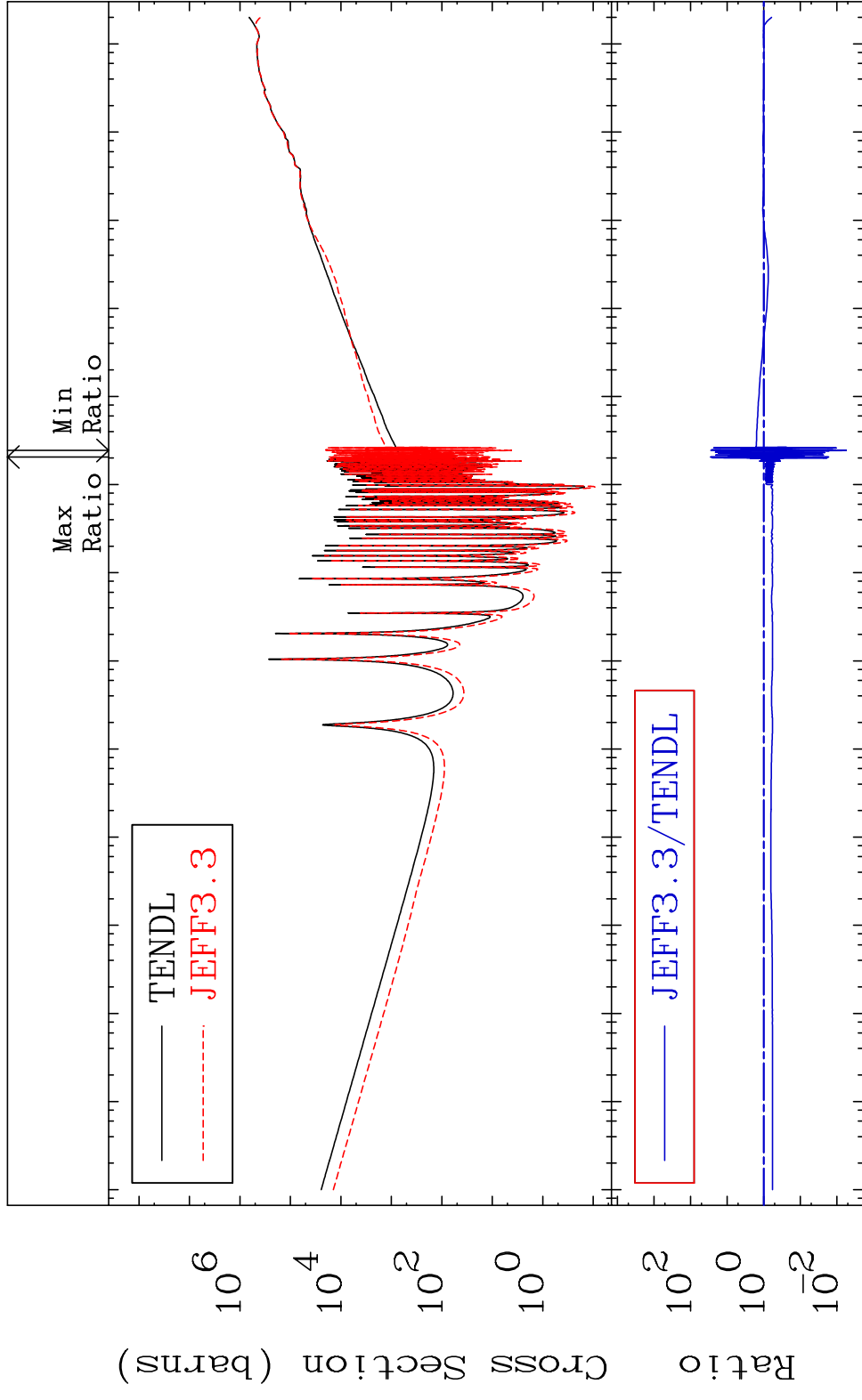


MAT 6637

Dpa total (eV-barns)

66-Dy-160

Cross Section -99.45 To 2701. %



77

Incident Energy (eV)

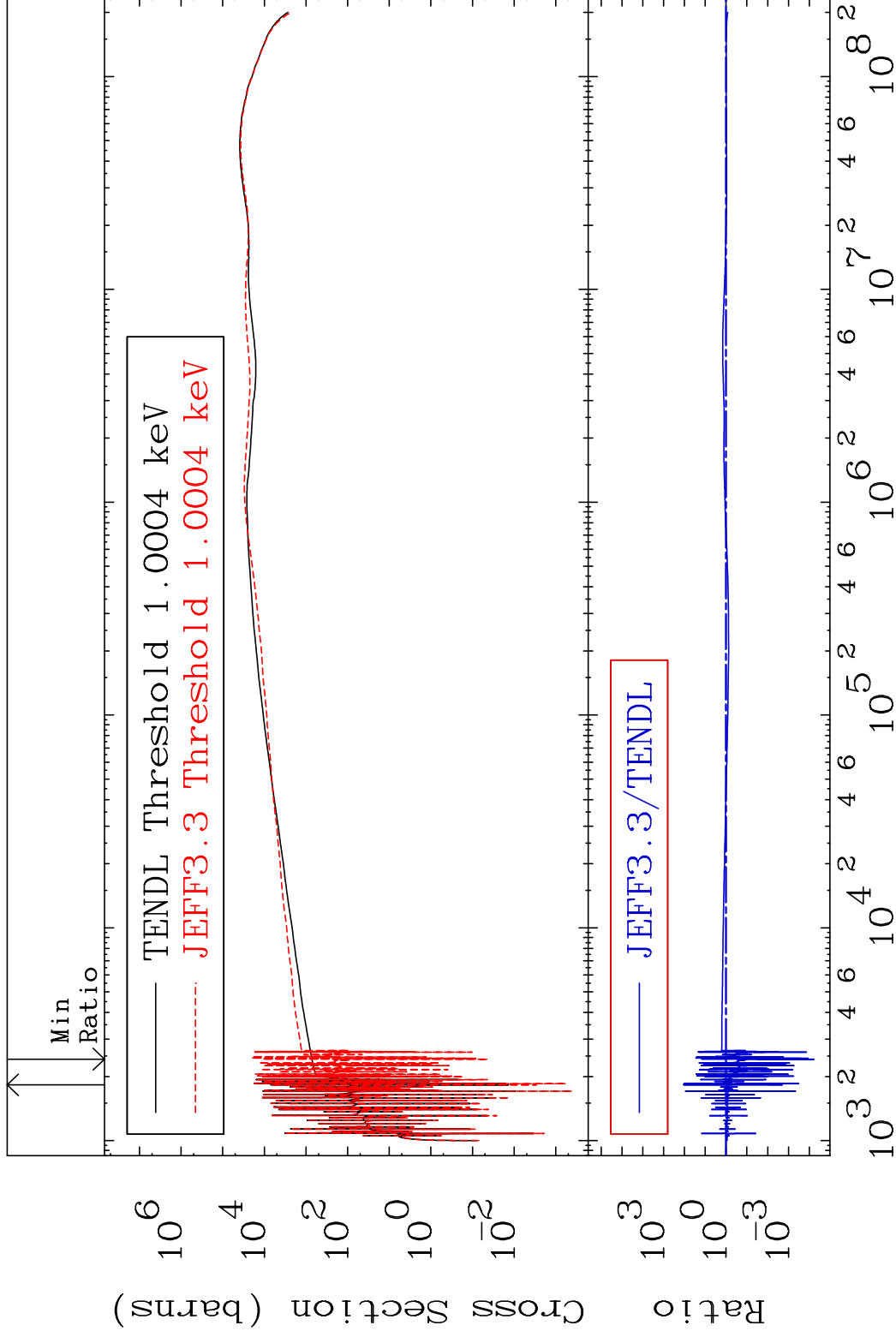
66-Dy-160

MAT 6637

Dpa elastic (mt2)

66-Dy-160

Cross Section -99.99 To 9999. %

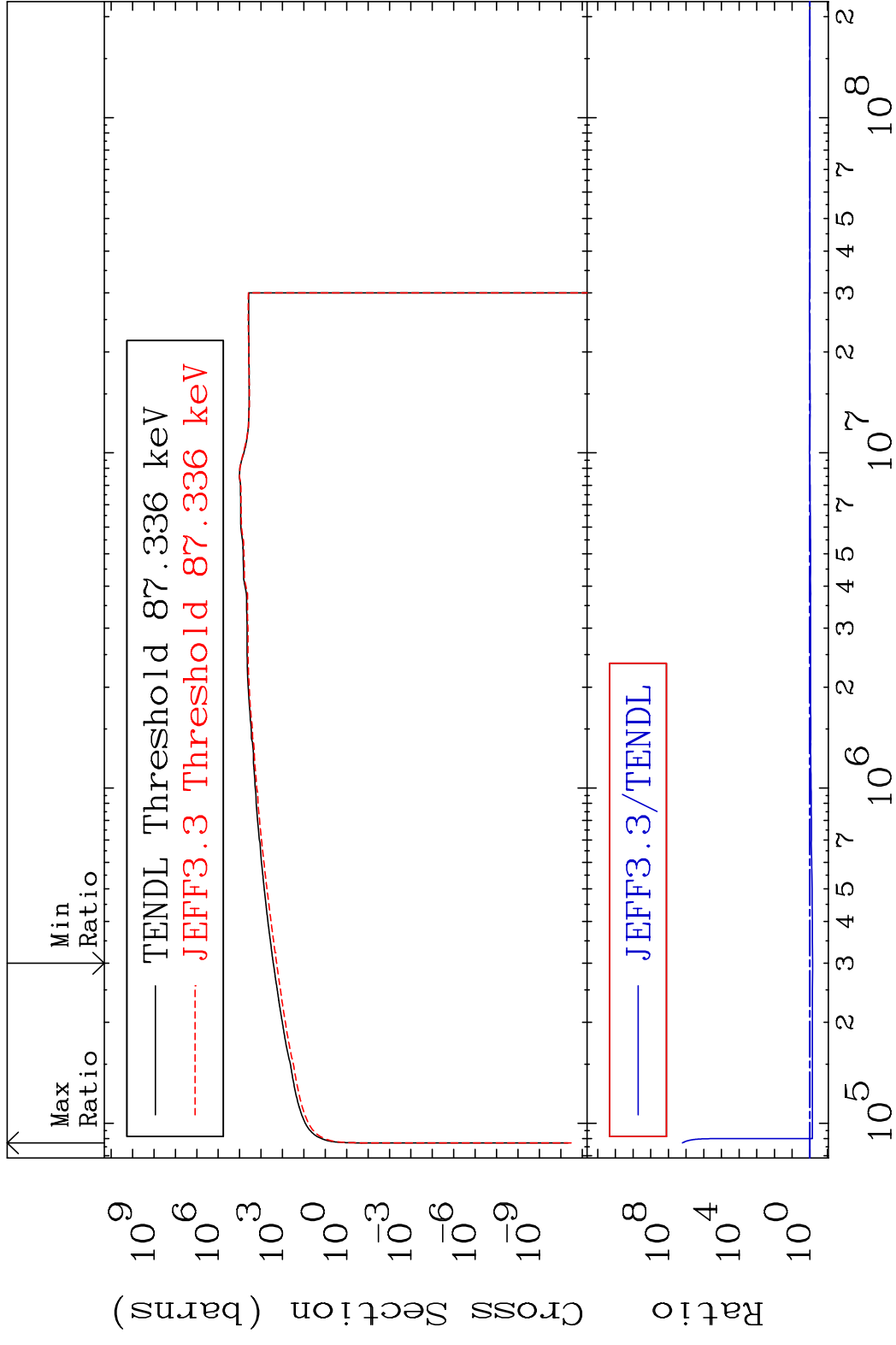


78

Incident Energy (eV)

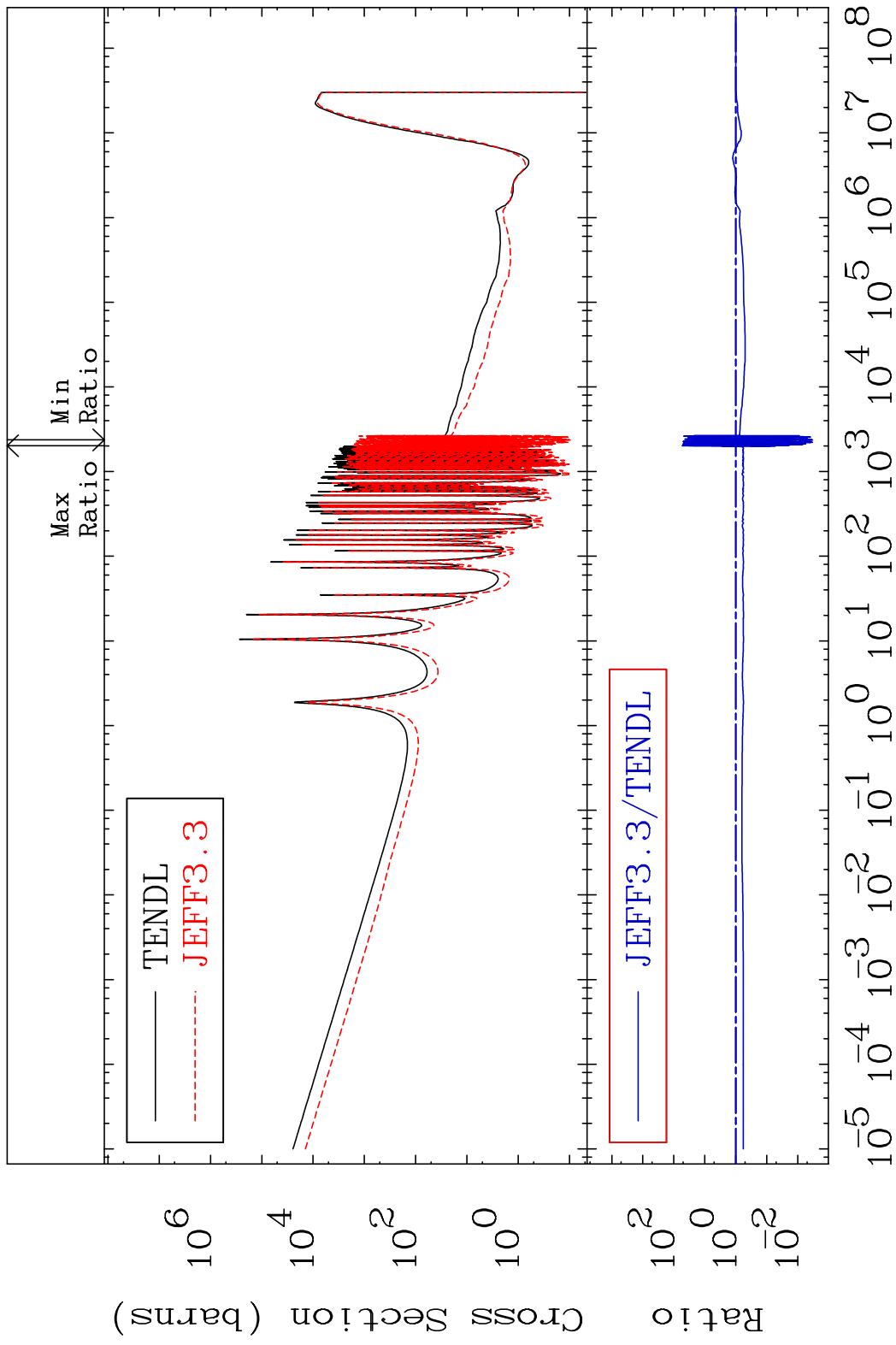
66-Dy-160

MAT 6637 Dpa inelastic (mt51-91) 66-Dy-160
 Cross Section -30.10 To 9999. %



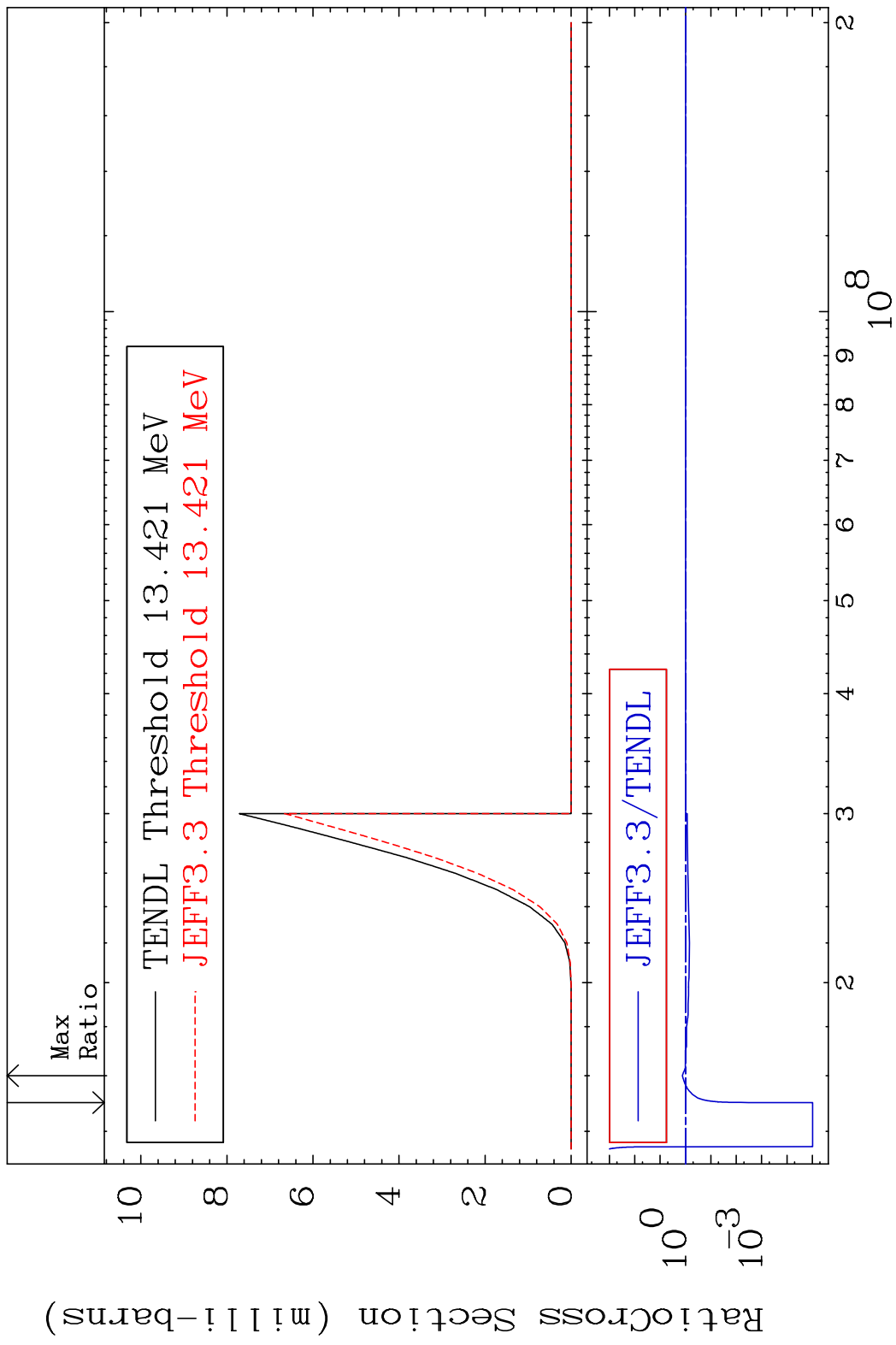
79 Incident Energy (eV) 66-Dy-160

MAT 6637 Dpa disappearance (mt102 -120) 66-Dy-160
 Cross Section -99.66 To 5205. %

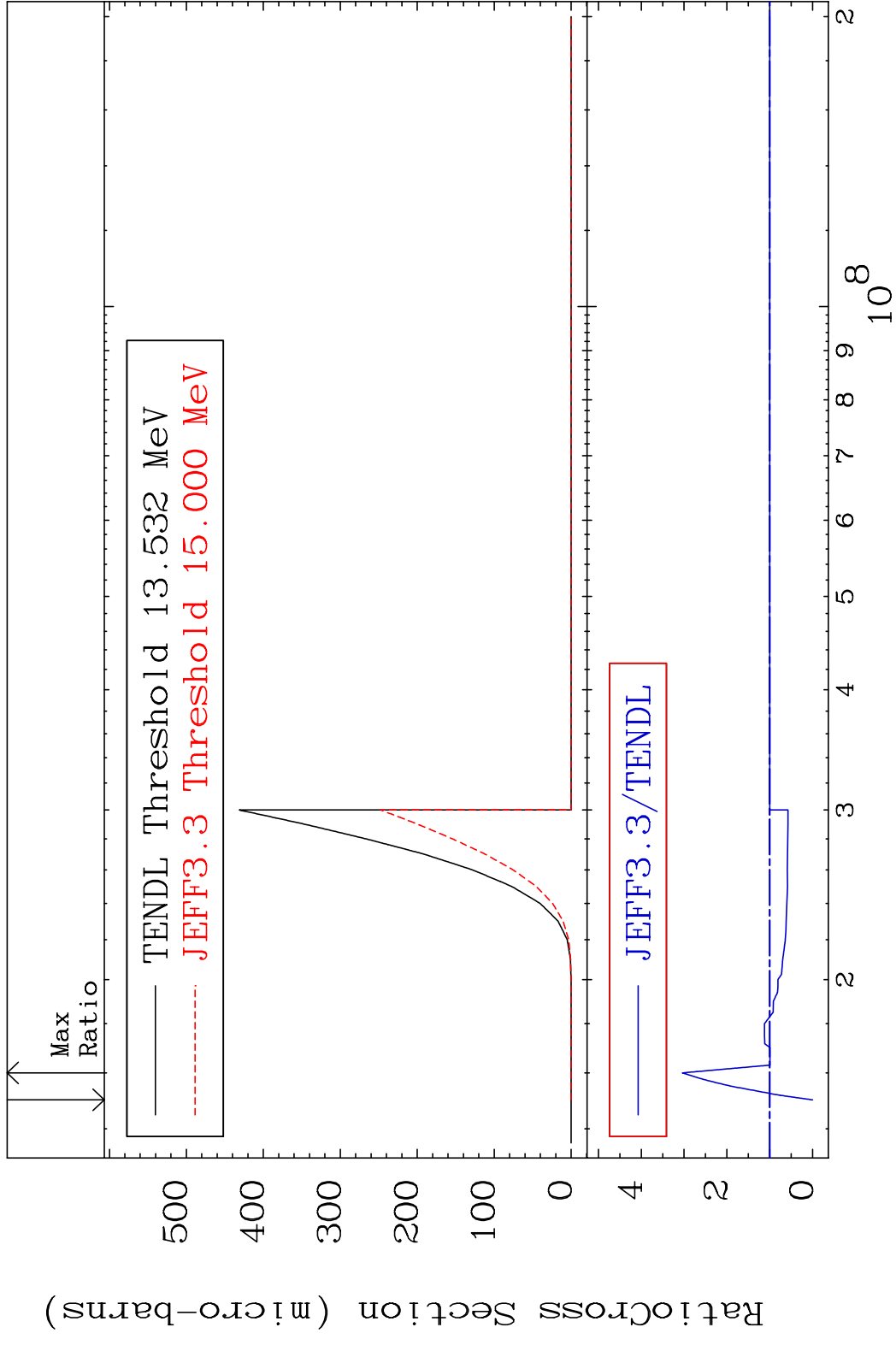


80 Incident Energy (eV) 66-Dy-160

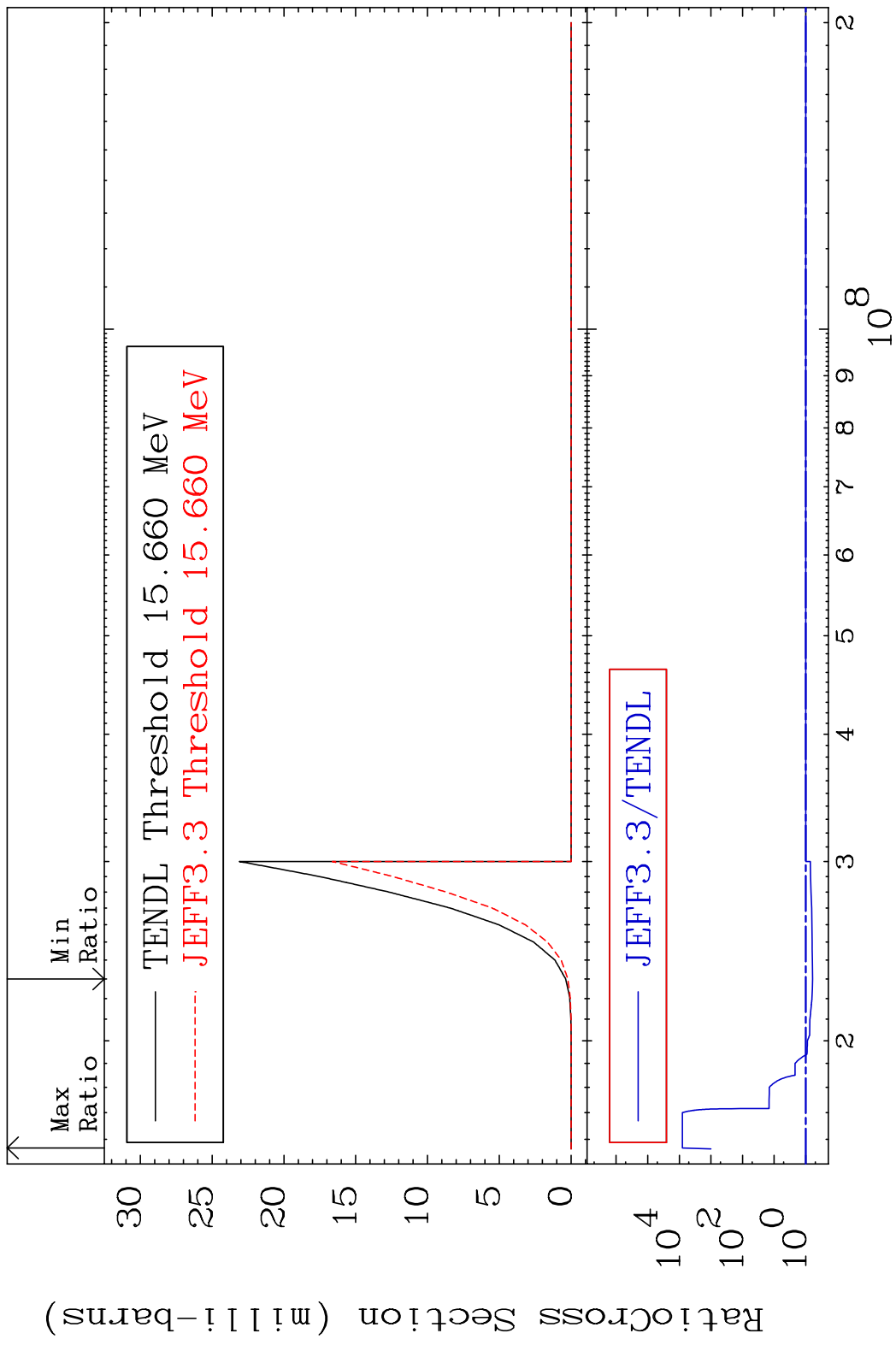
MAT 6637 (n, n') d:65-Tb-158g 66-Dy-160
 Radionuclide Production Cross Section Ratio 33.13 %

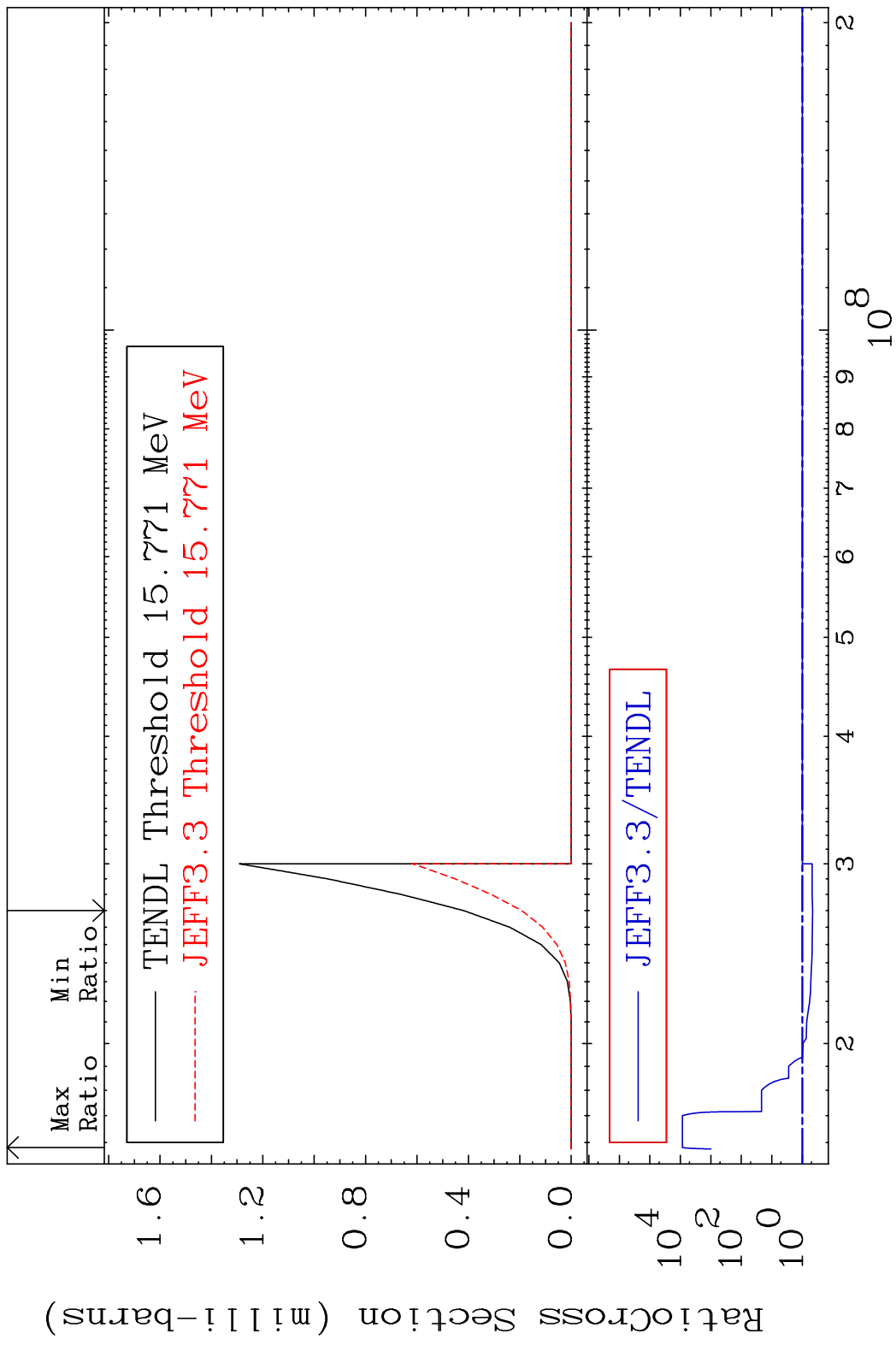


MAT 6637 (n, n') d:65-Tb-158m3 66-Dy-160
 Radionuclide Production Cross Section Ratio 204.0 %

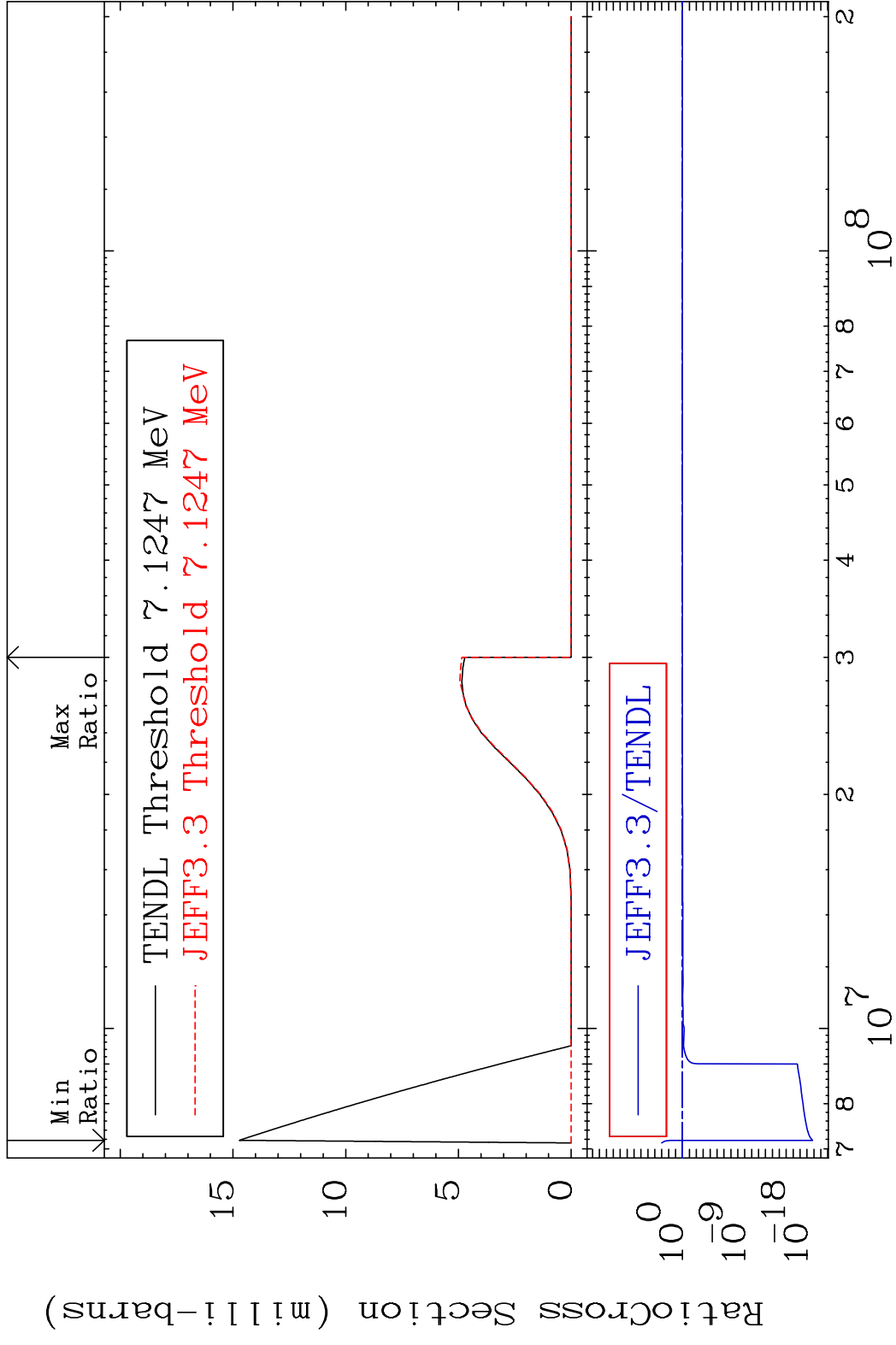


MAT 6637 (n,2n) p:65-Tb-158g 66-Dy-160
 Radionuclide Production Cross Section (%)





MAT 6637 (n, t):65-Tb-158g 66-Dy-160
 Radionuclide Production Cross Section Ratio 2.631 %



MAT 6637 (n, t): 65-Tb-158m3 66-Dy-160
 Radionuclide Production Cross Section 36.17 %

