

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

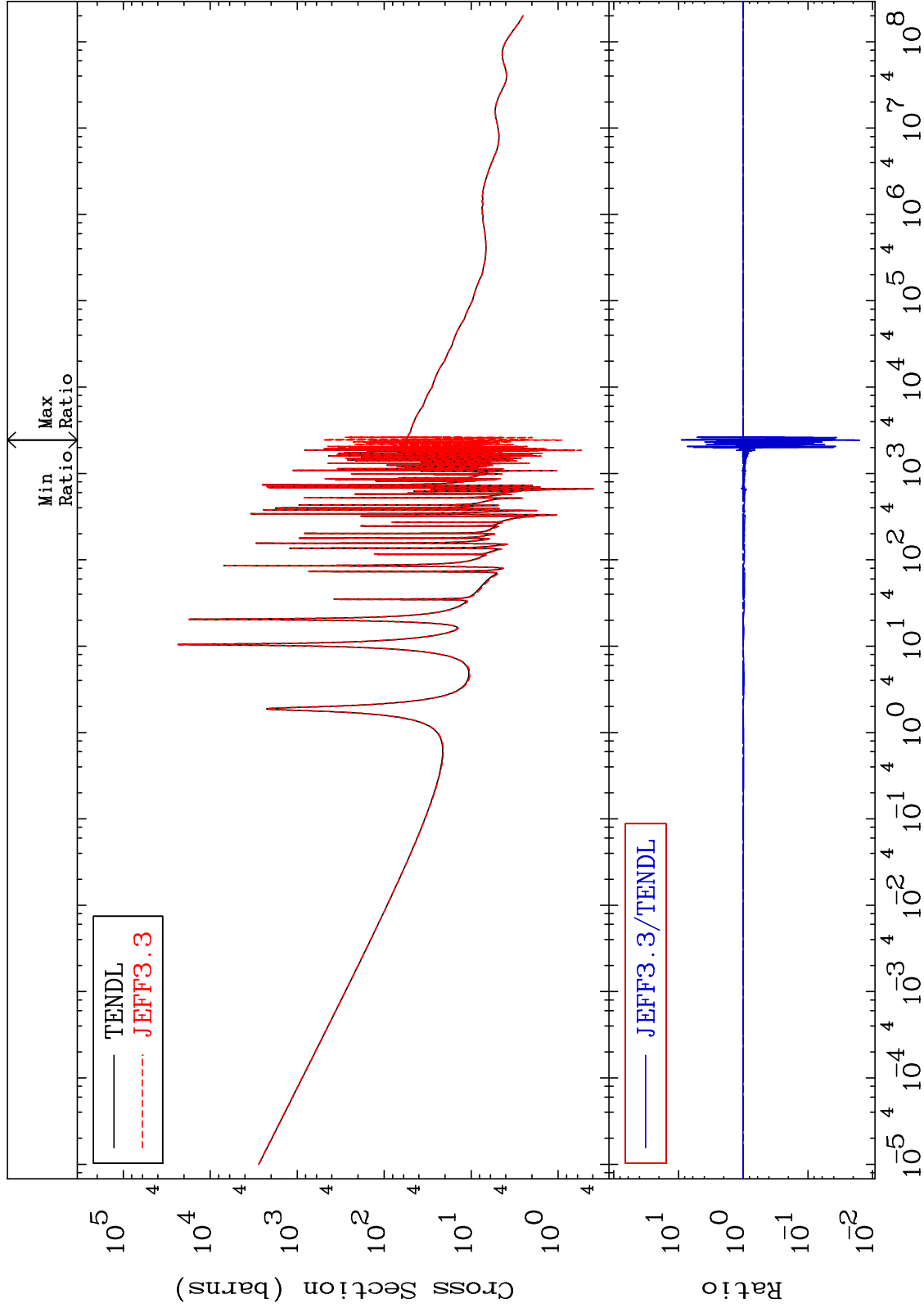
MAT 6637

Total

66-Dy-160

Cross Section

-98.42 To 806.7 %



Incident Energy (eV)

66-Dy-160

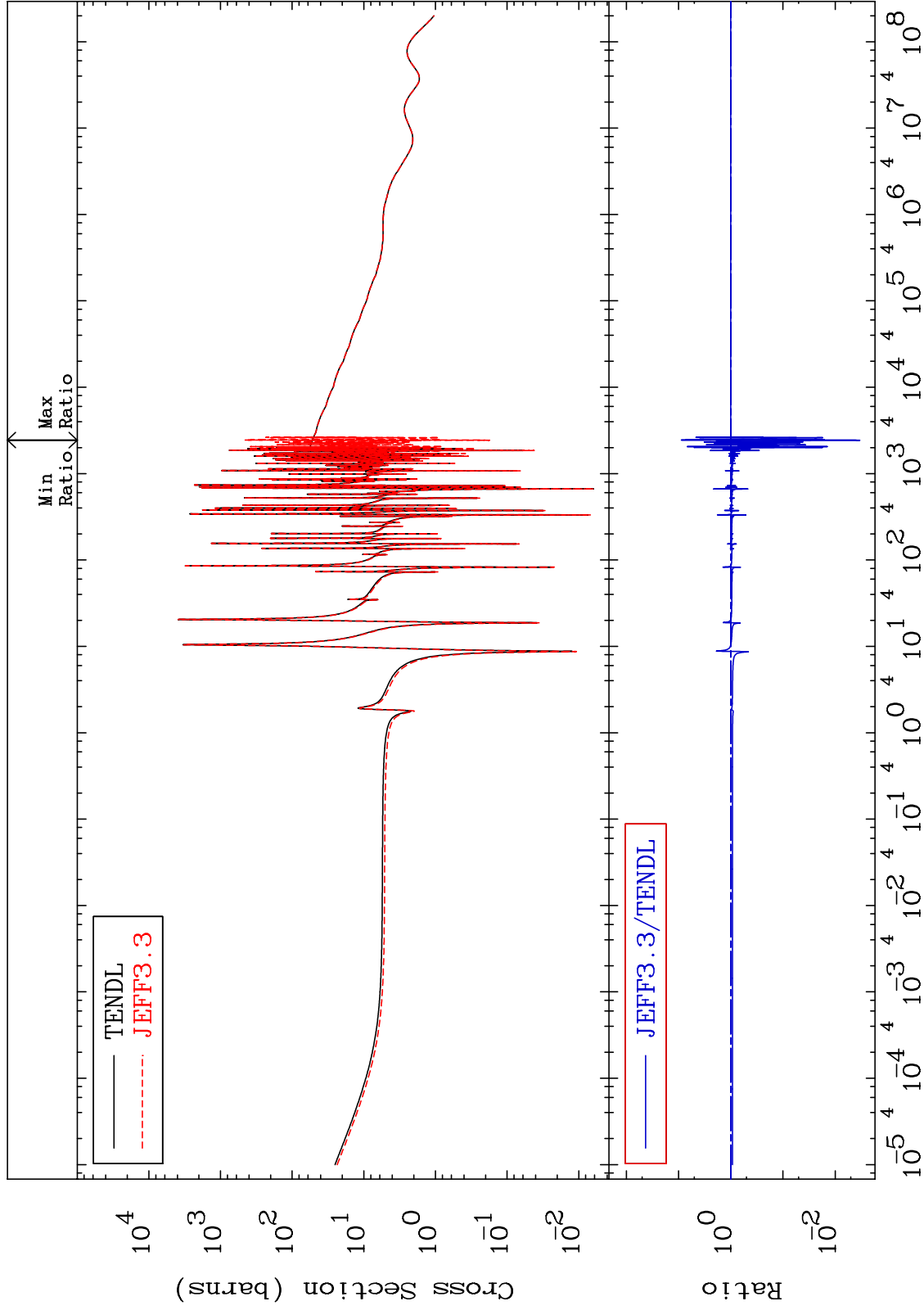
MAT 6637

Elastic

66-Dy-160

Cross Section

-99.66 To 789.4 %



2

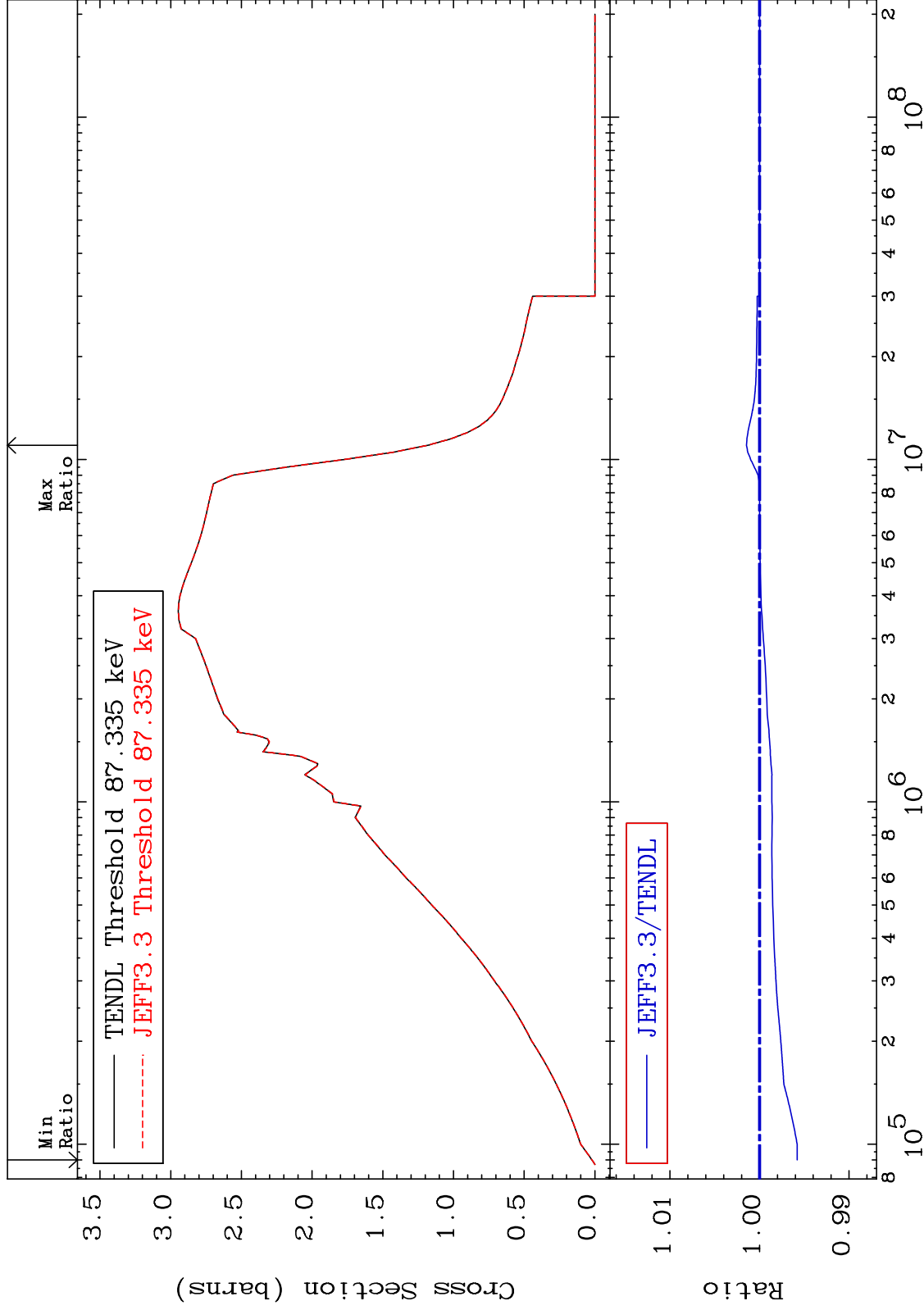
Incident Energy (eV)

66-Dy-160

MAT 6637

Inelastic
Cross Section

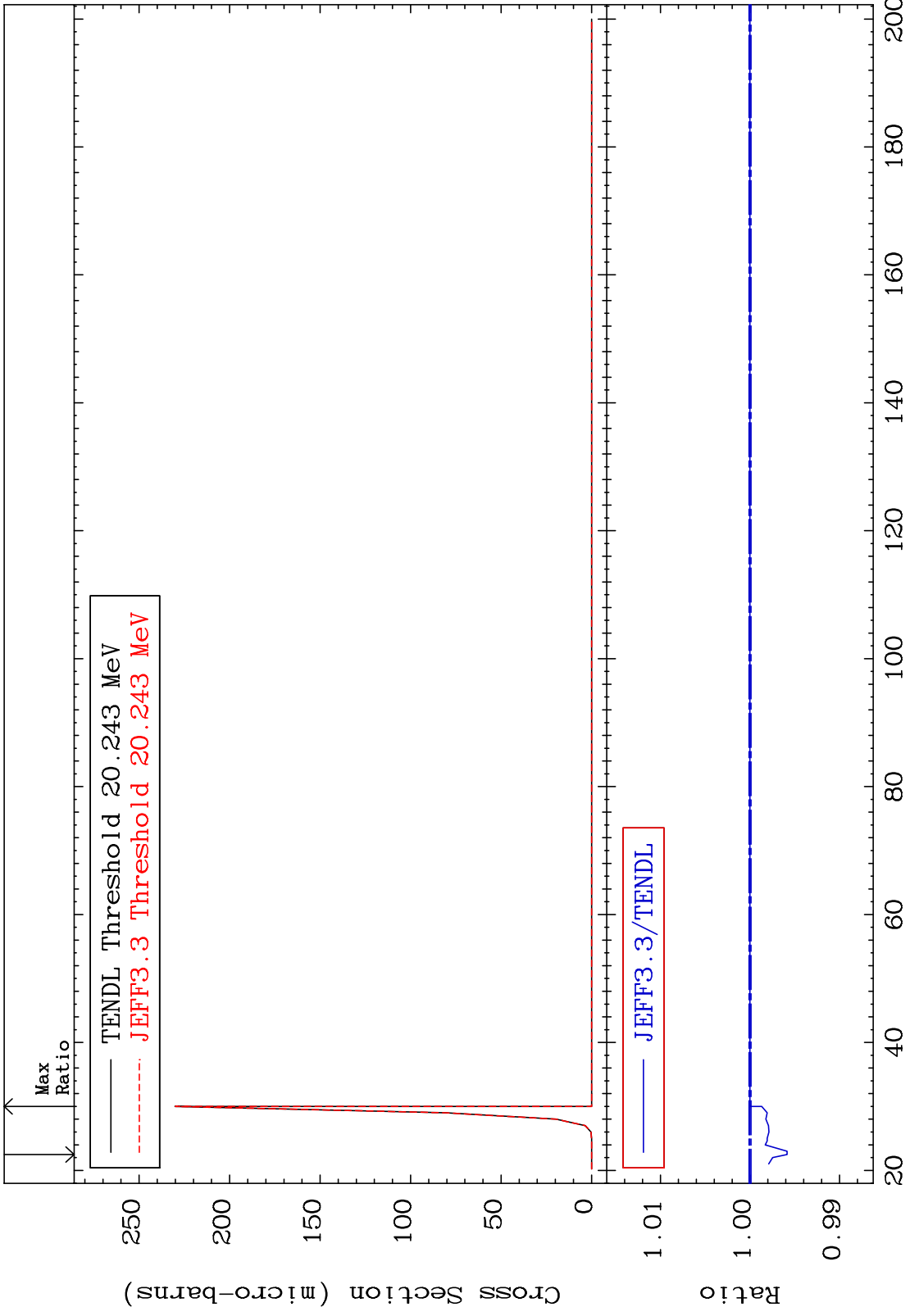
66-Dy-160
-0.421 To 0.145 %



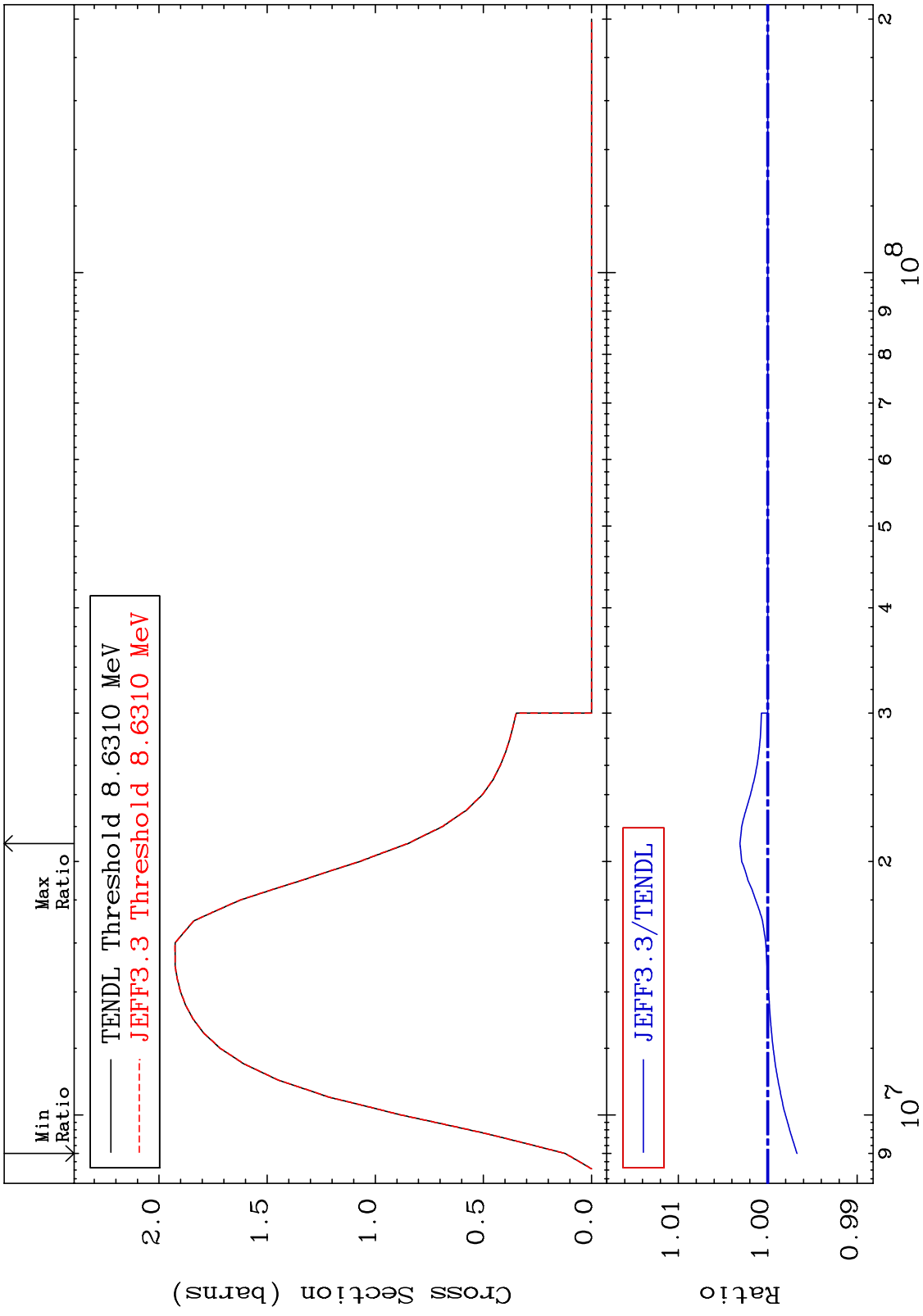
66-Dy-160

3

MAT 6637 (n,2n) d 66-Dy-160
 Cross Section -0.414 To 0.000 %

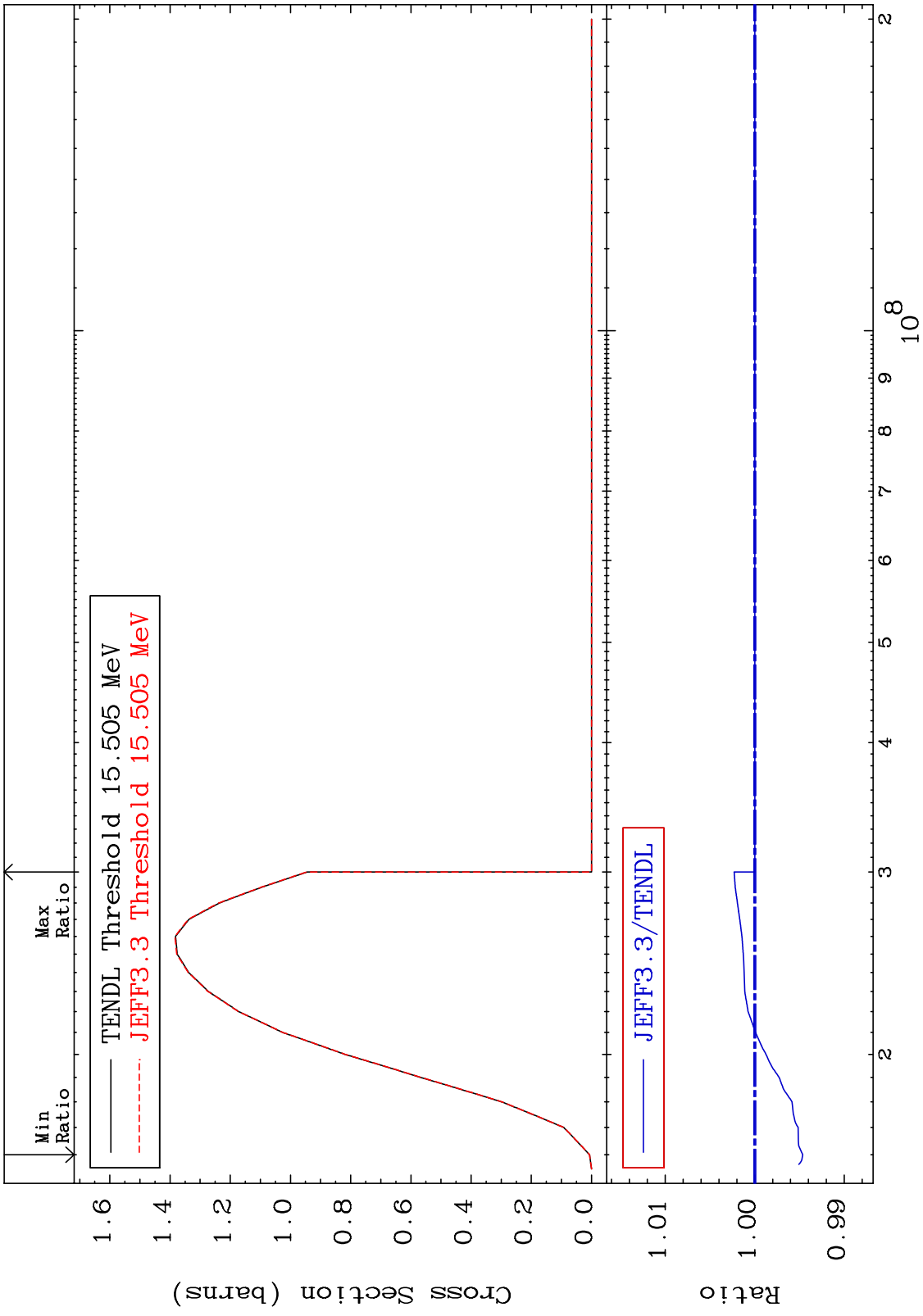


MAT 6637 (n,2n) Cross Section 66-Dy-160 -0.327 To 0.311 %



5 Incident Energy (eV) 66-Dy-160

MAT 6637 (n,3n) Cross Section 66-Dy-160 -0.536 To 0.230 %



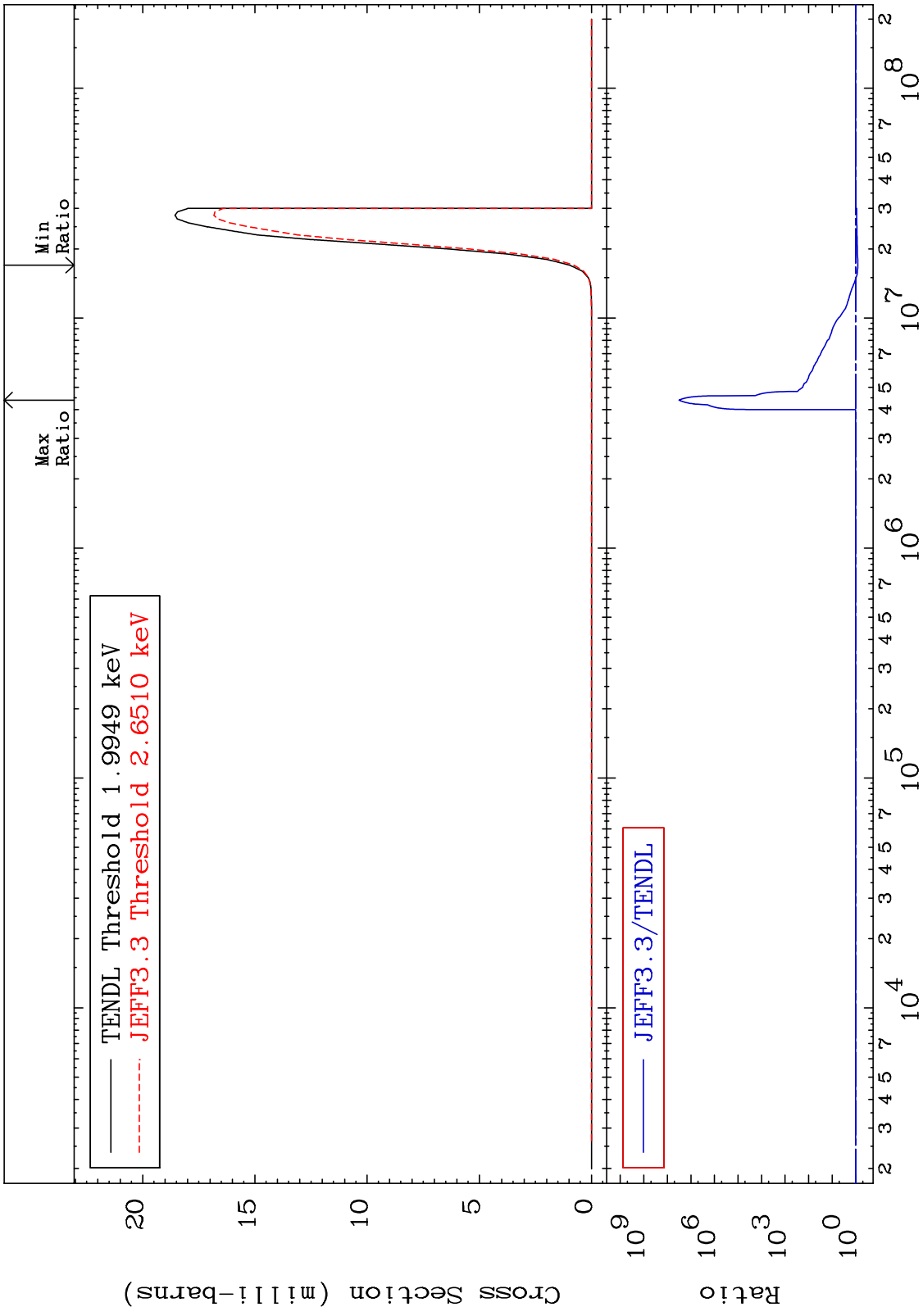
MAT 6637

(n, n') α

66-Dy-160

Cross Section

-18.99 To 9999. %

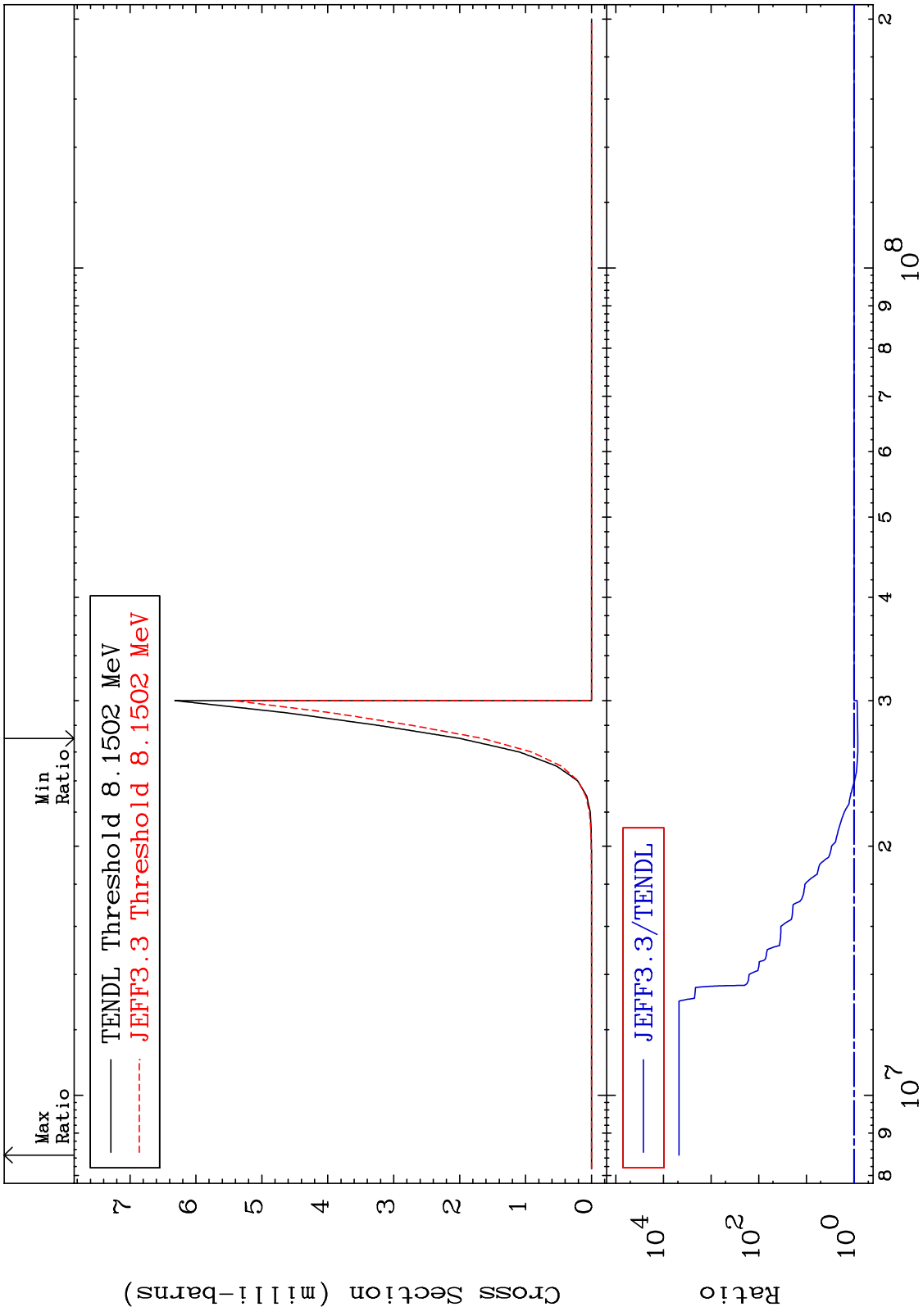


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Incident Energy (eV)

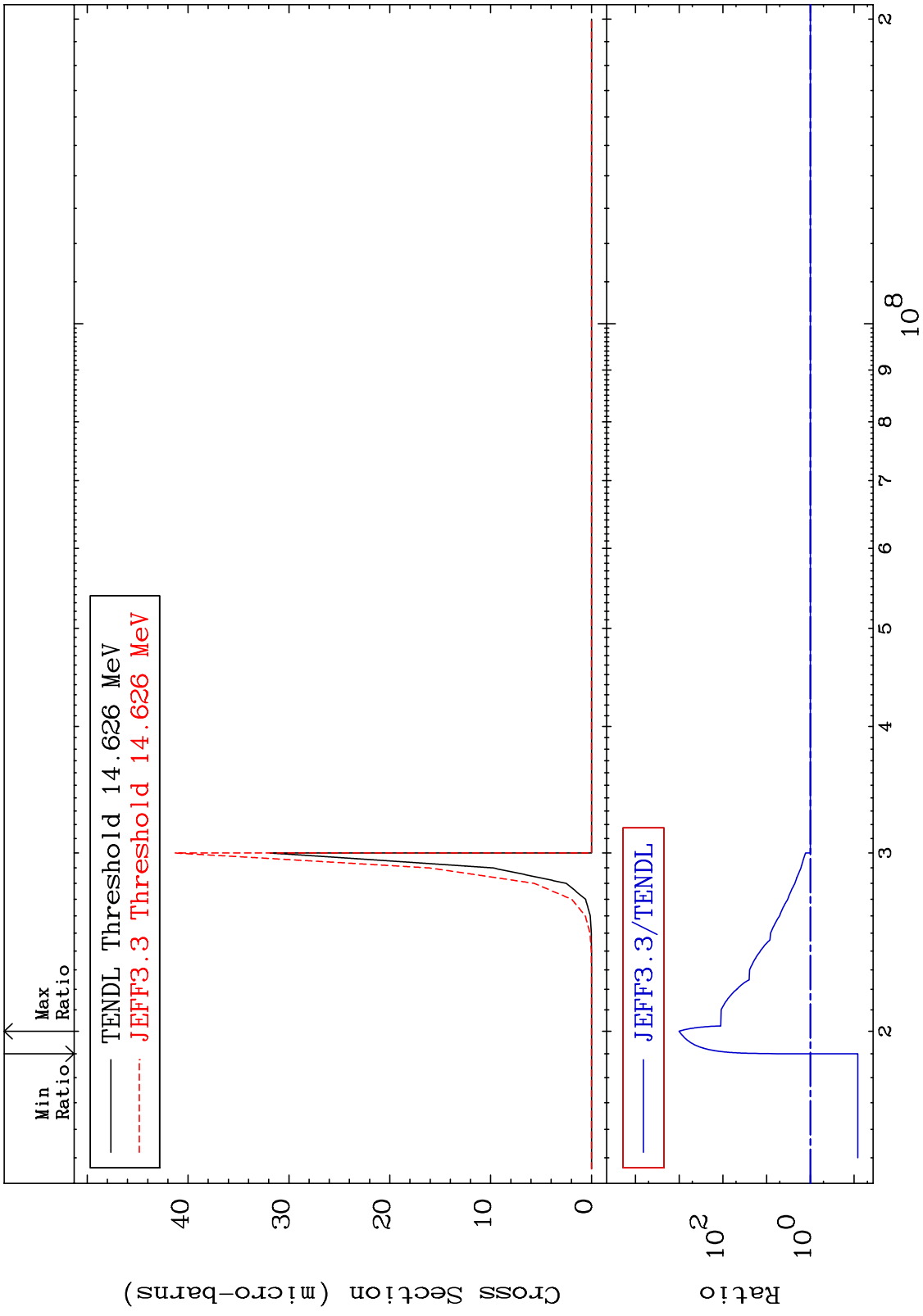
66-Dy-160

MAT 6637 $(n, 2n) \alpha$ 66-Dy-160
 Cross Section -17.07 To 9999. %

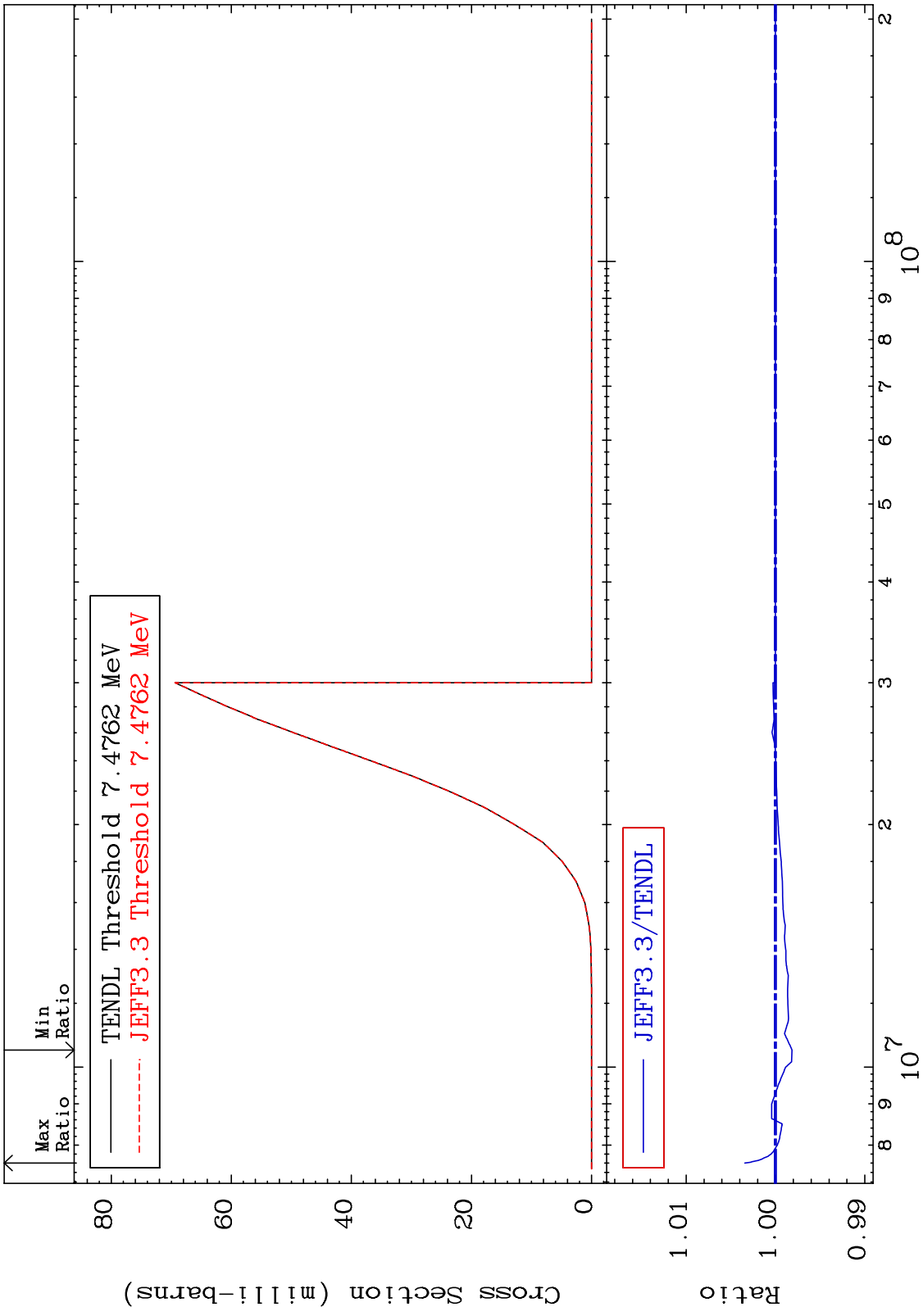


8 Incident Energy (eV) 66-Dy-160

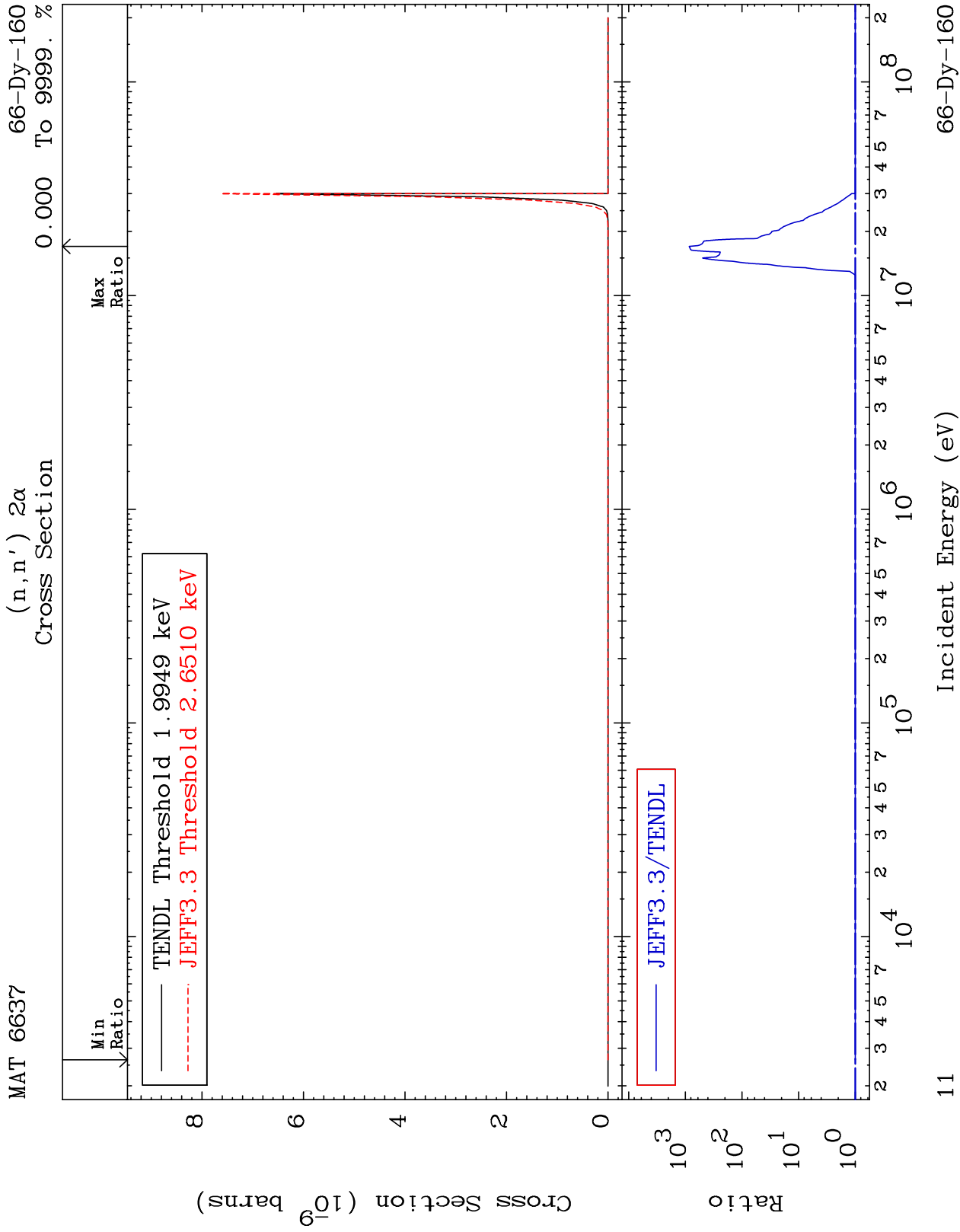
MAT 6637 (n,3n) α 66-Dy-160
 Cross Section -91.77 To 9999. %



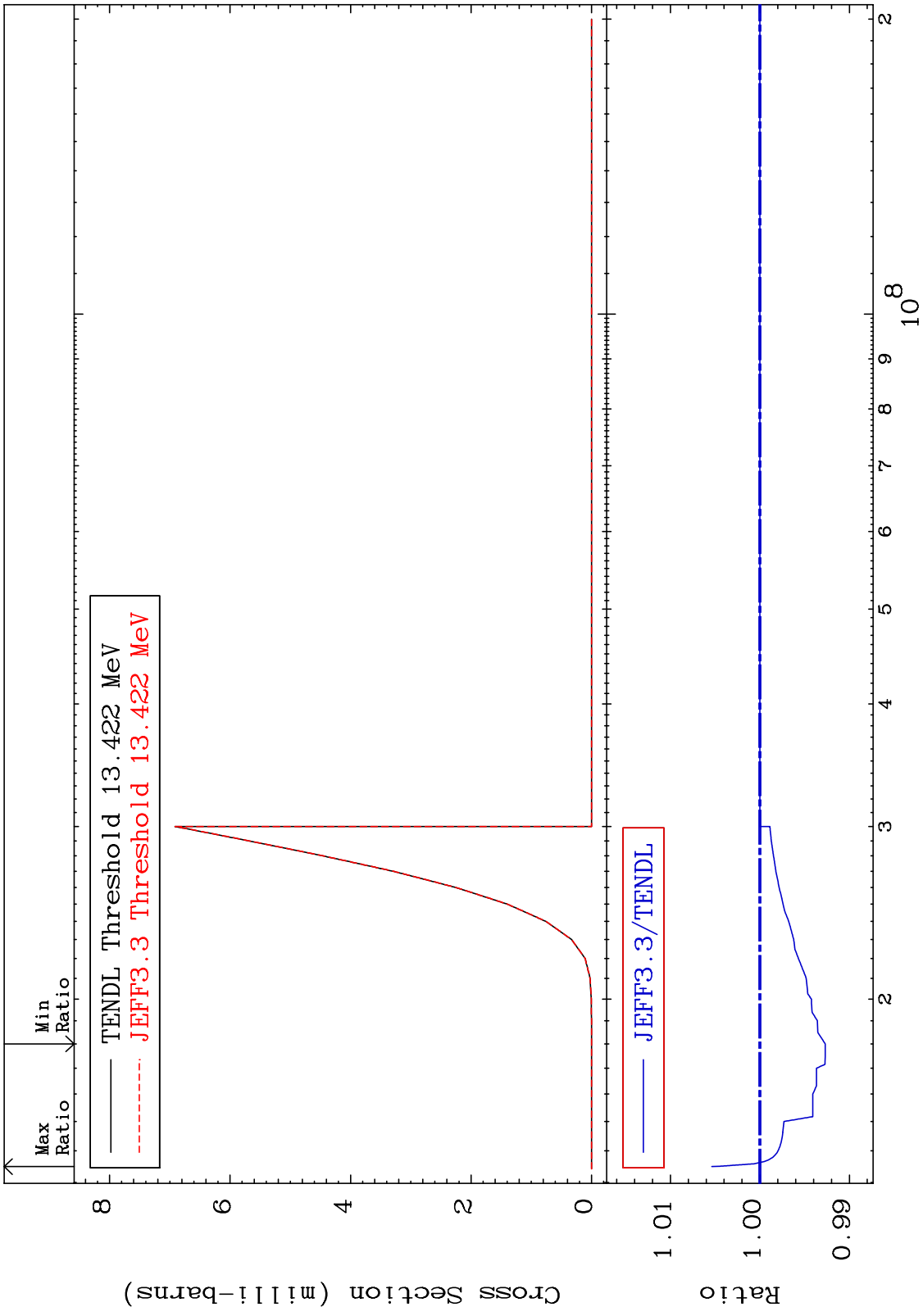
MAT 6637 (n, n') p 66-Dy-160
Cross Section -0.185 To 0.343 %



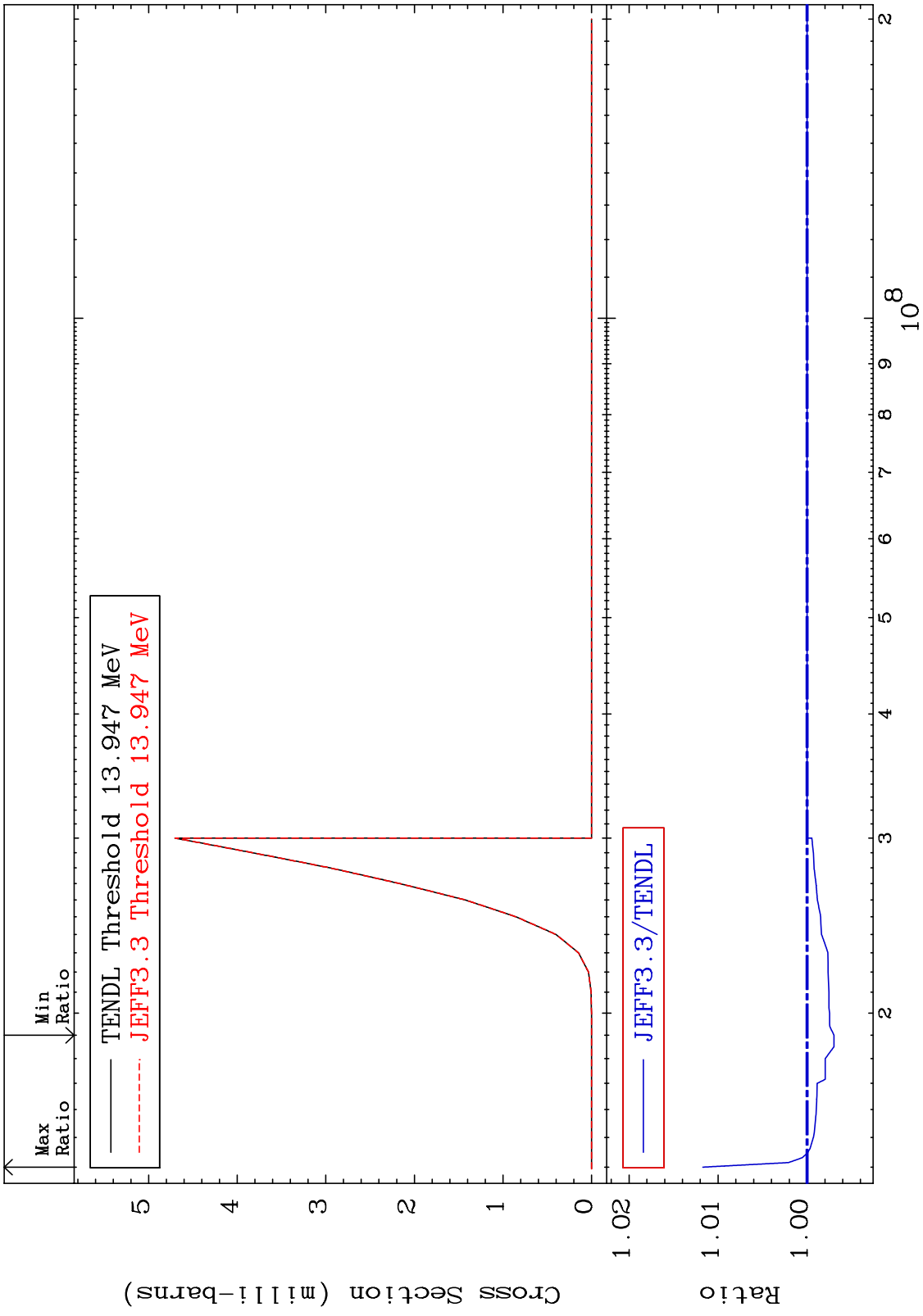
10 8 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 2 66-Dy-160



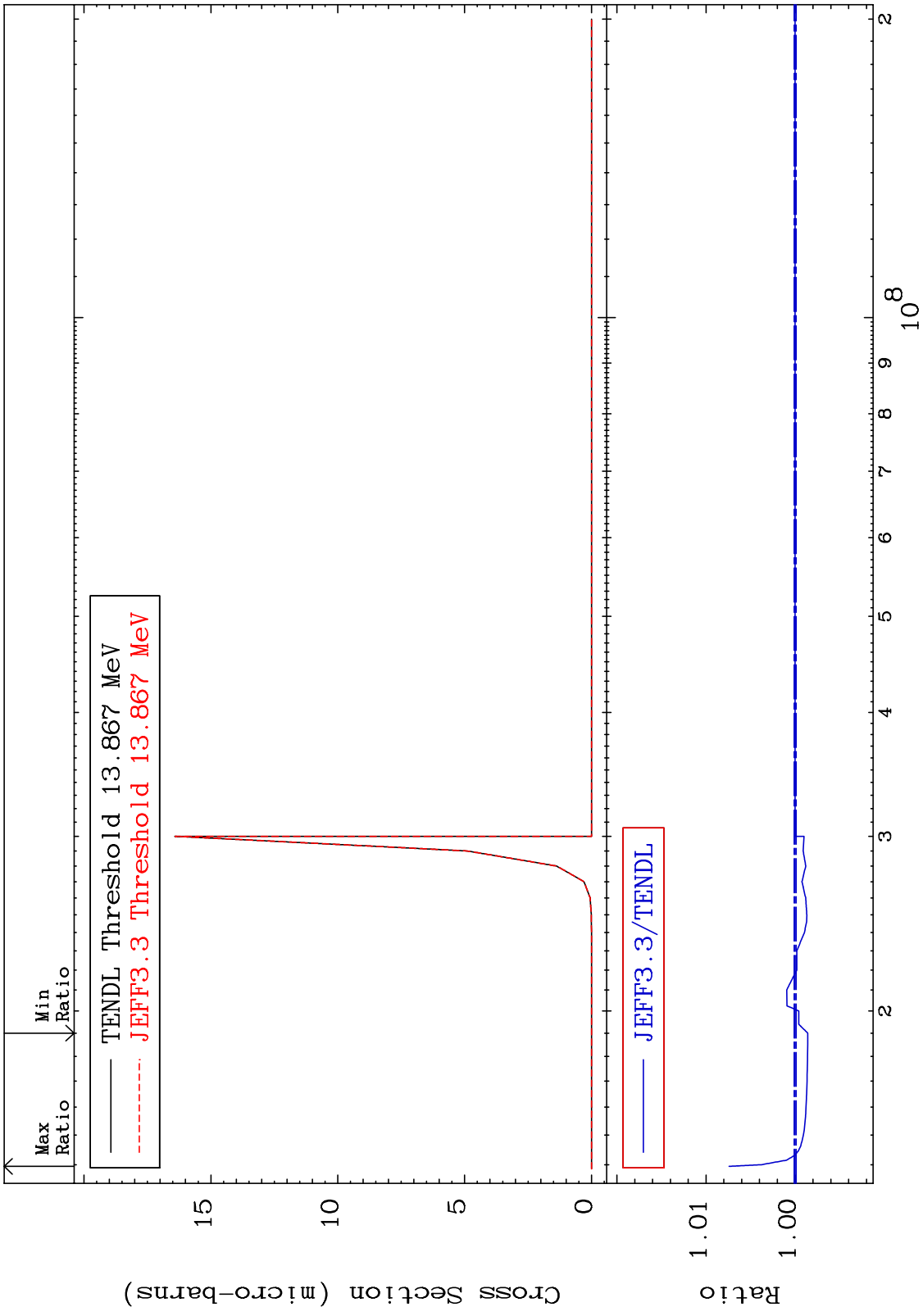
MAT 6637 (n, n') d 66-Dy-160
 Cross Section -0.730 To 0.539 %



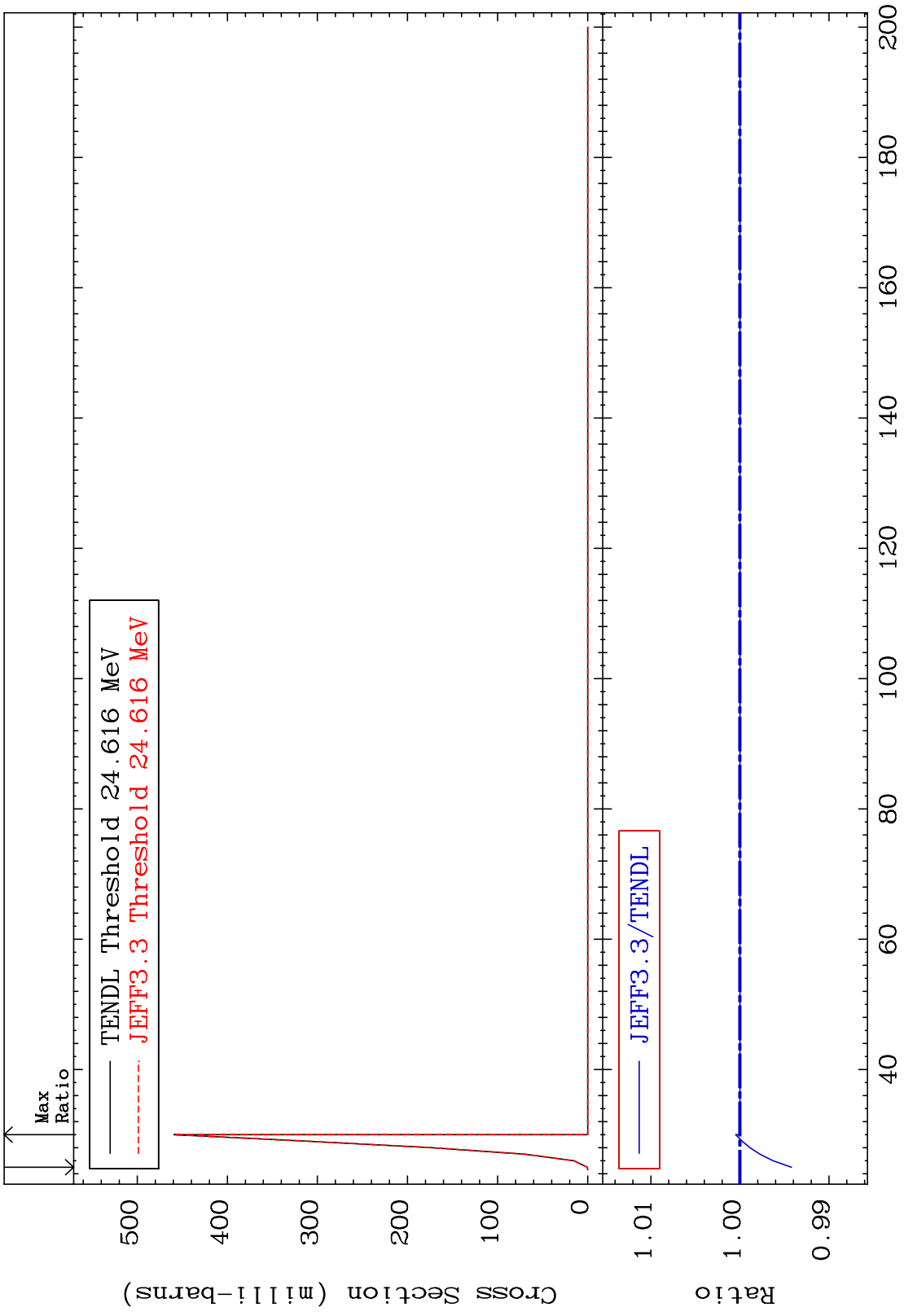
MAT 6637 (n,n') t 66-Dy-160
 Cross Section -0.302 To 1.171 %



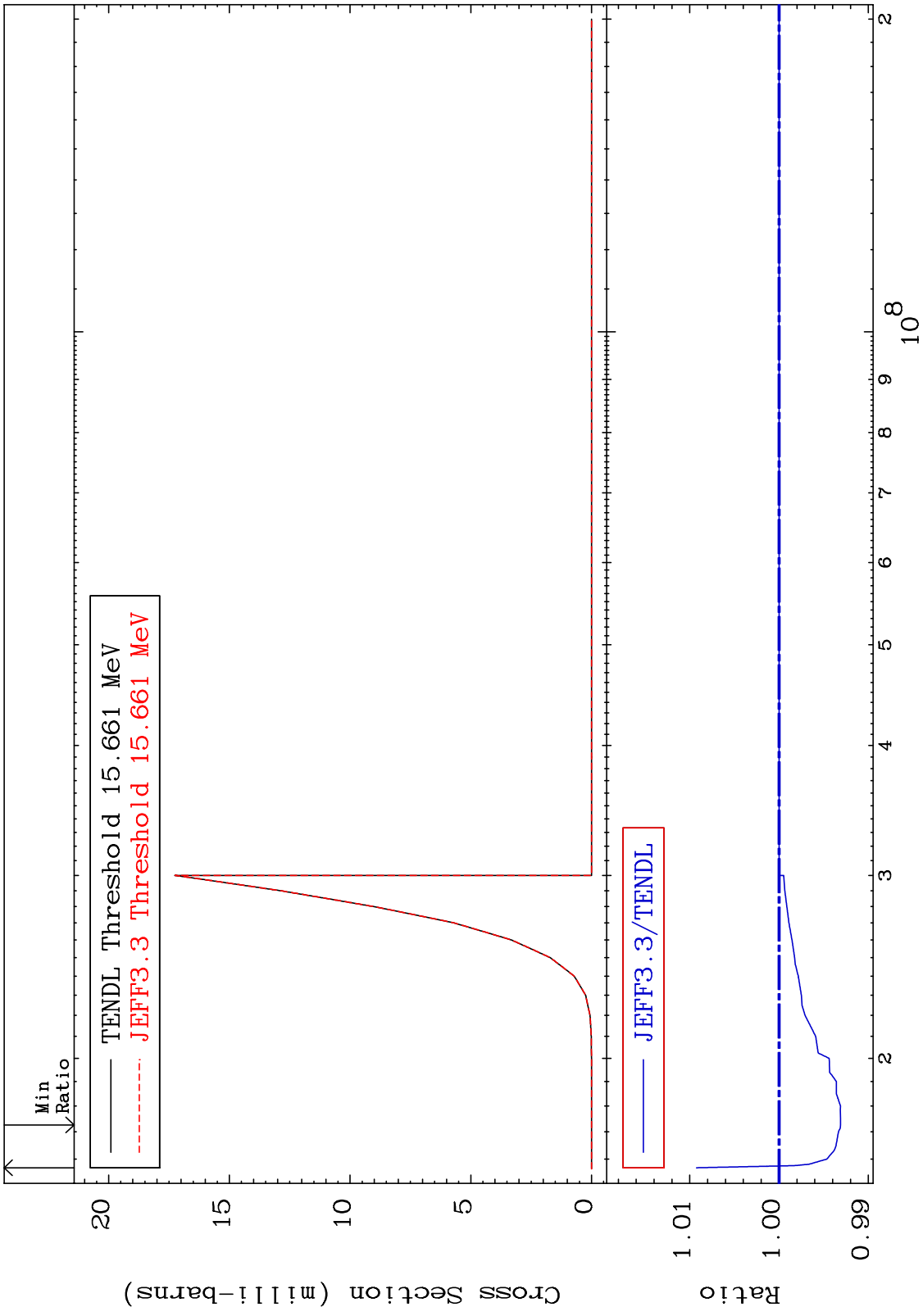
MAT 6637 (n, n') He-3 66-Dy-160
 Cross Section -0.142 To 0.741 %



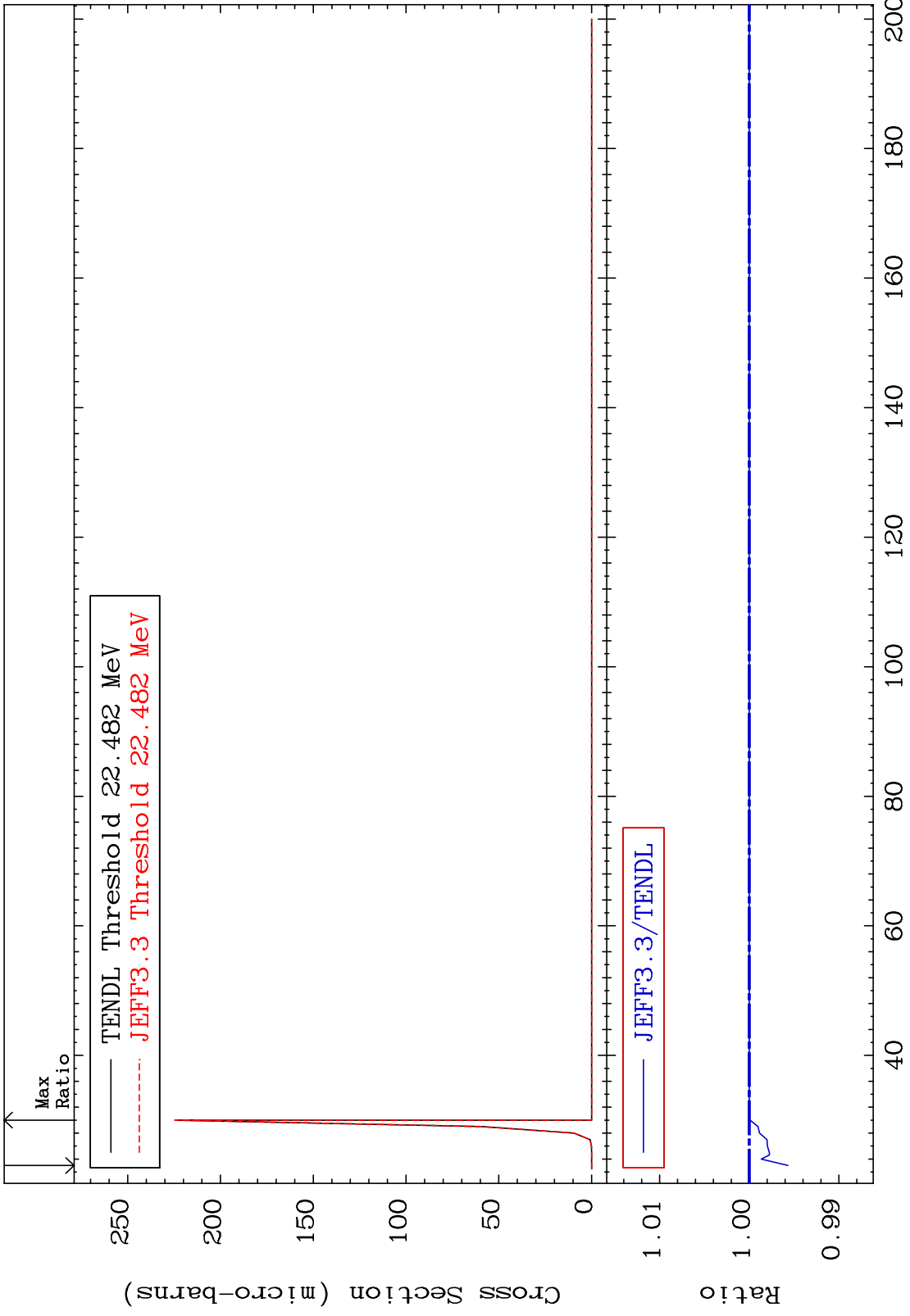
MAT 6637 (n,4n) Cross Section 66-Dy-160 -0.579 To 0.048 %



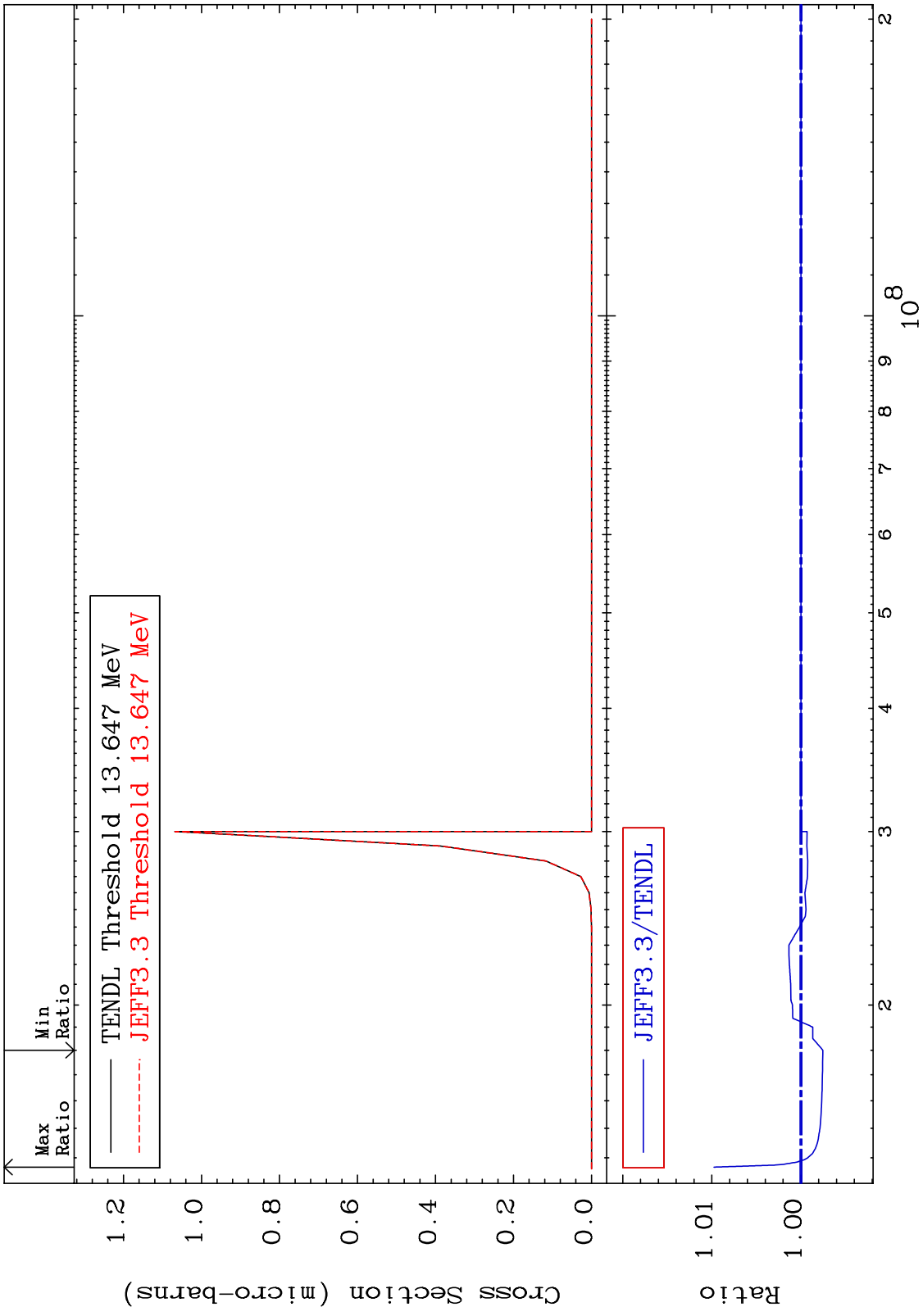
MAT 6637 (n,2n) p 66-Dy-160
 Cross Section -0.687 To 0.925 %



MAT 6637 (n,3n) p 66-Dy-160
Cross Section -0.432 To 0.000 %



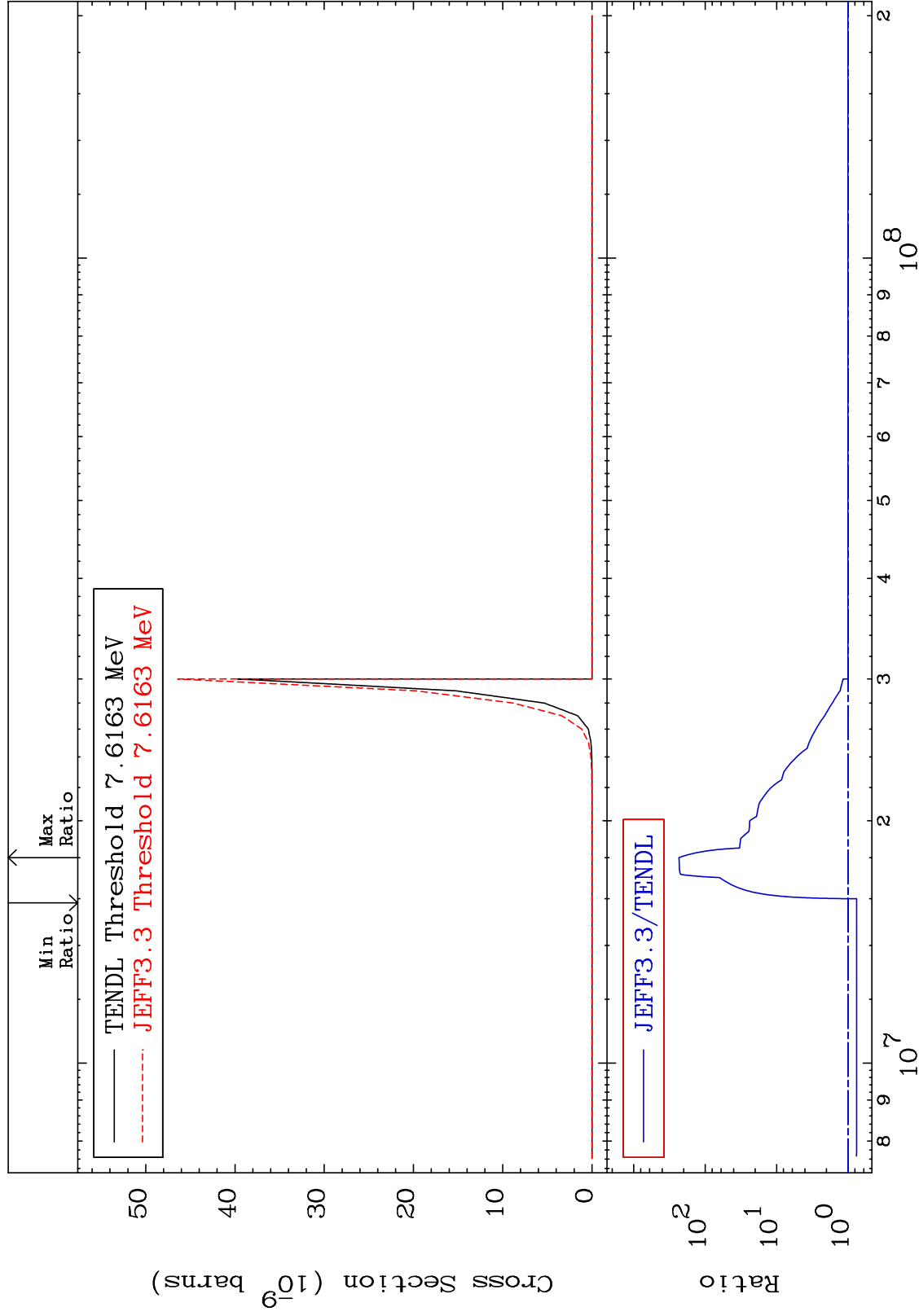
MAT 6637 (n,2n) p 66-Dy-160
 Cross Section -0.247 To 0.976 %



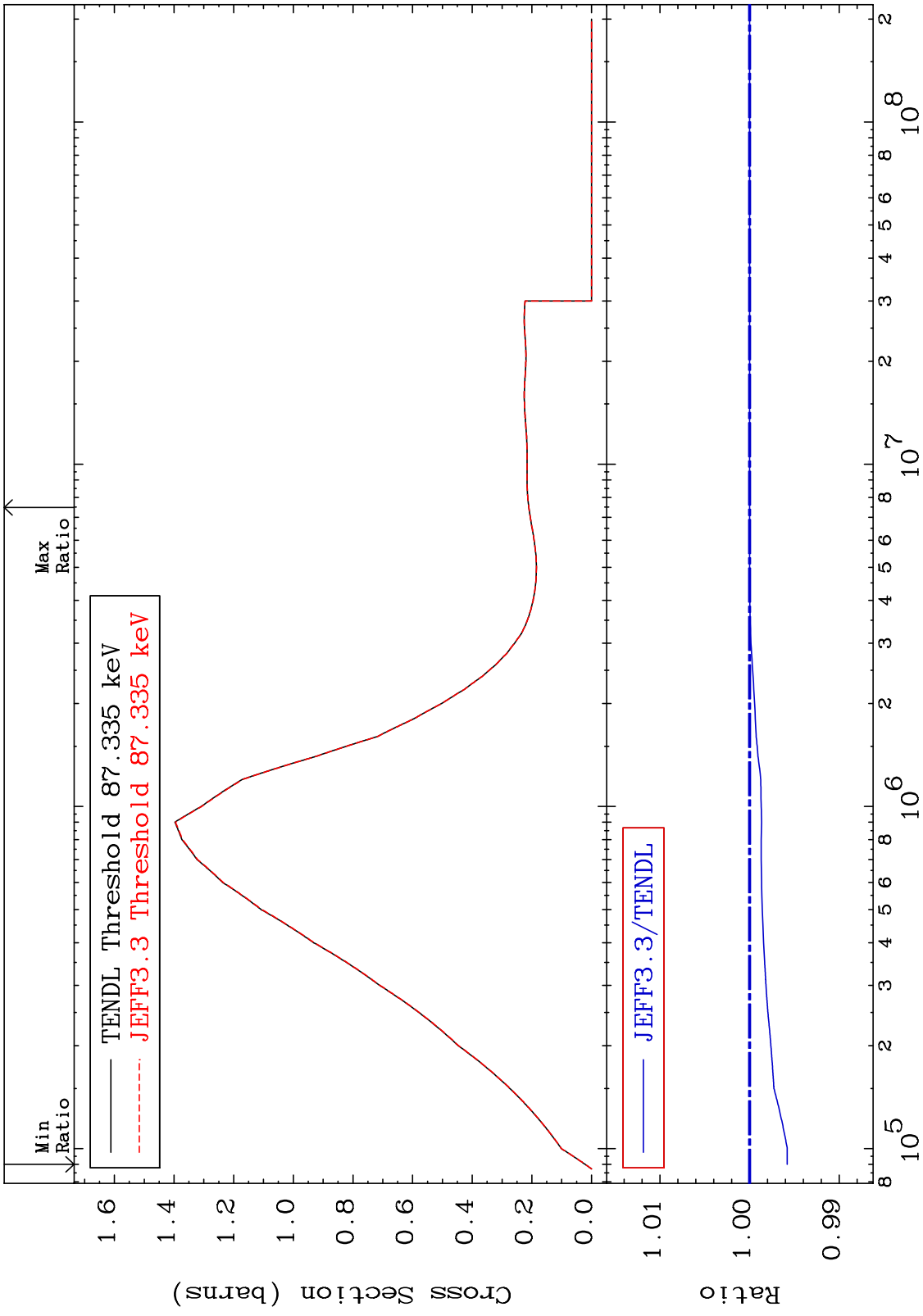
MAT 6637

(n,n') p α
Cross Section

66-Dy-160
-24.44 To 9999. %

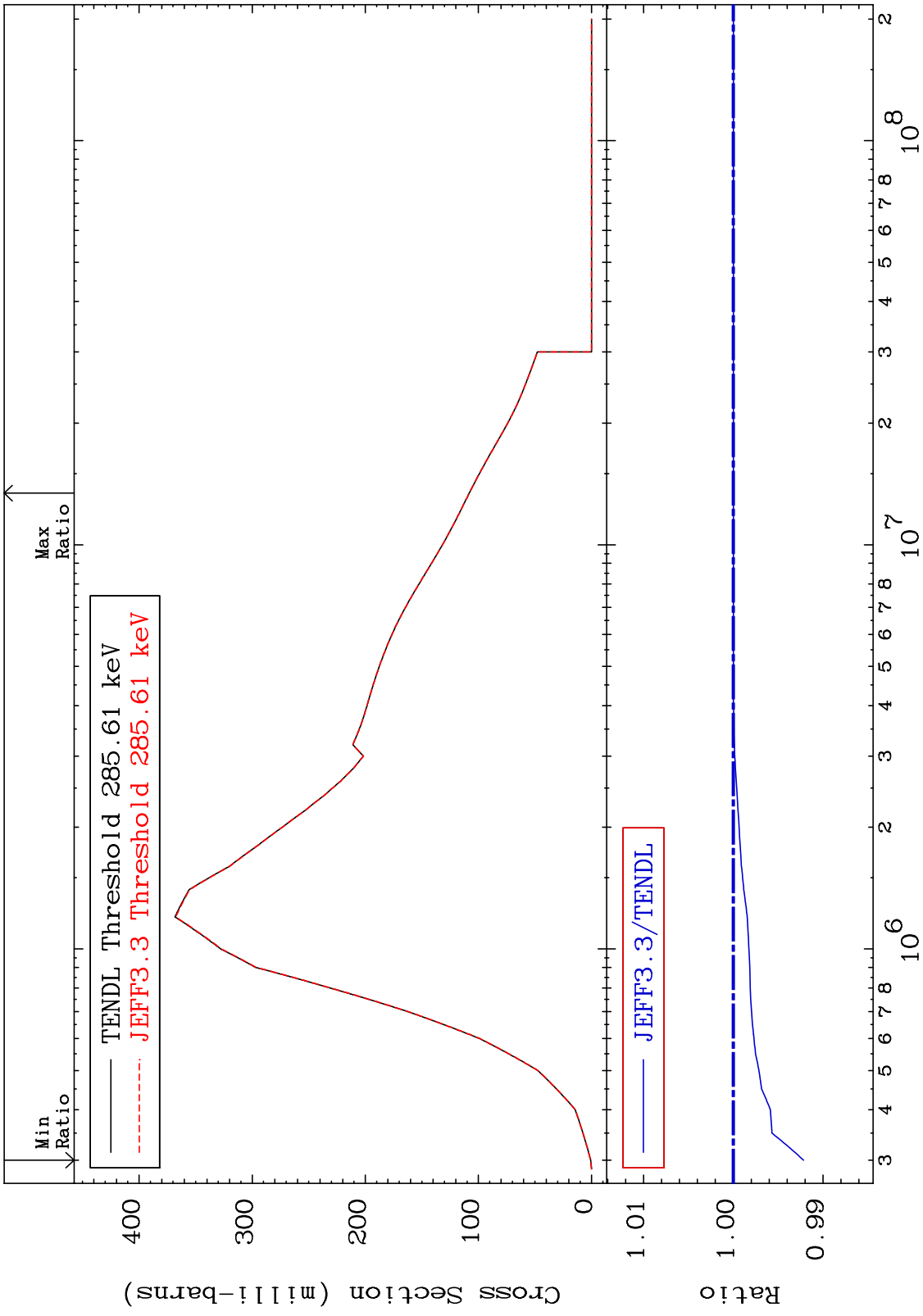


MAT 6637 MT= 51 (n,n') Level Cross Section -0.421 To 0.000 % 66-Dy-160

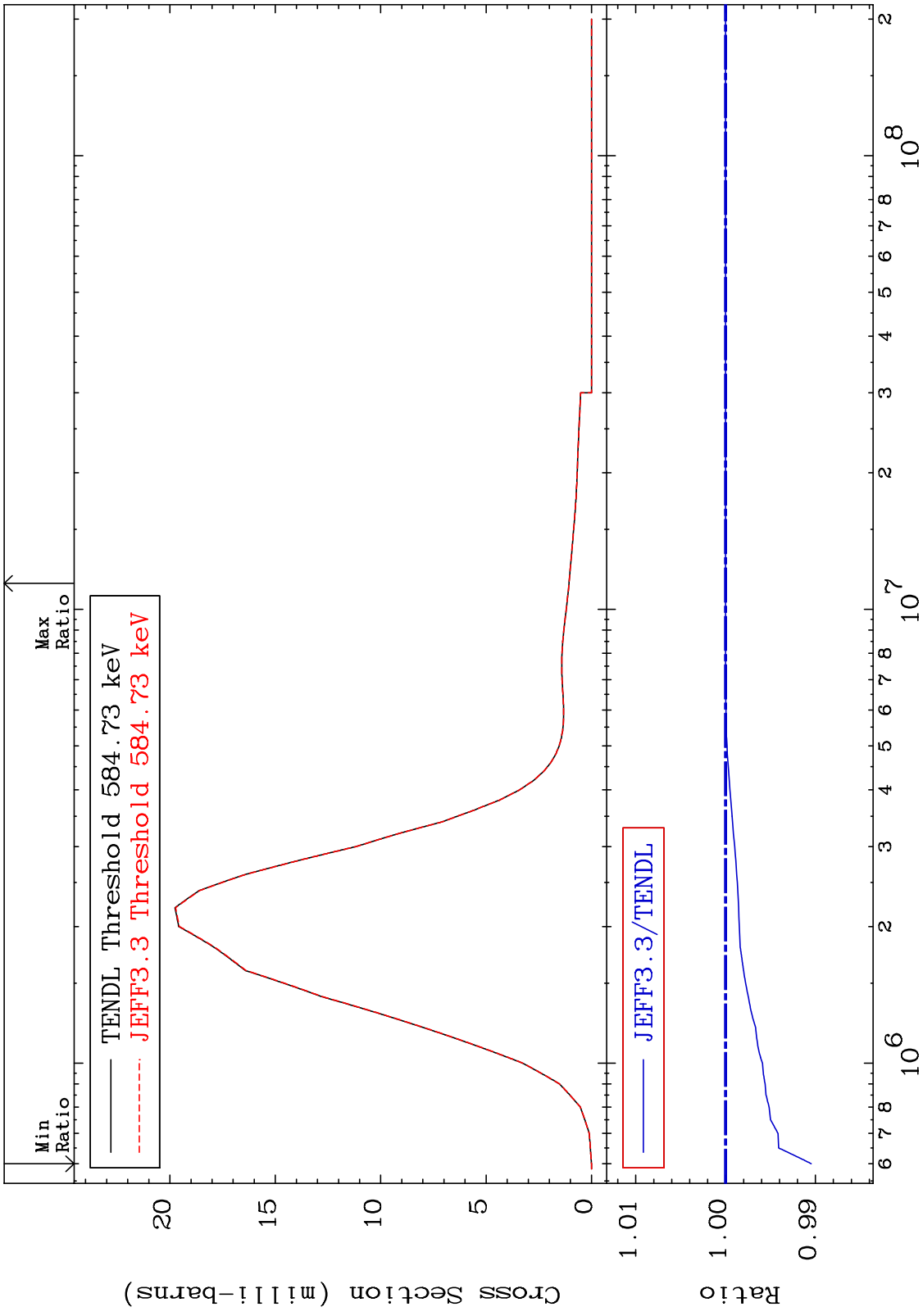


20 Incident Energy (eV) 66-Dy-160

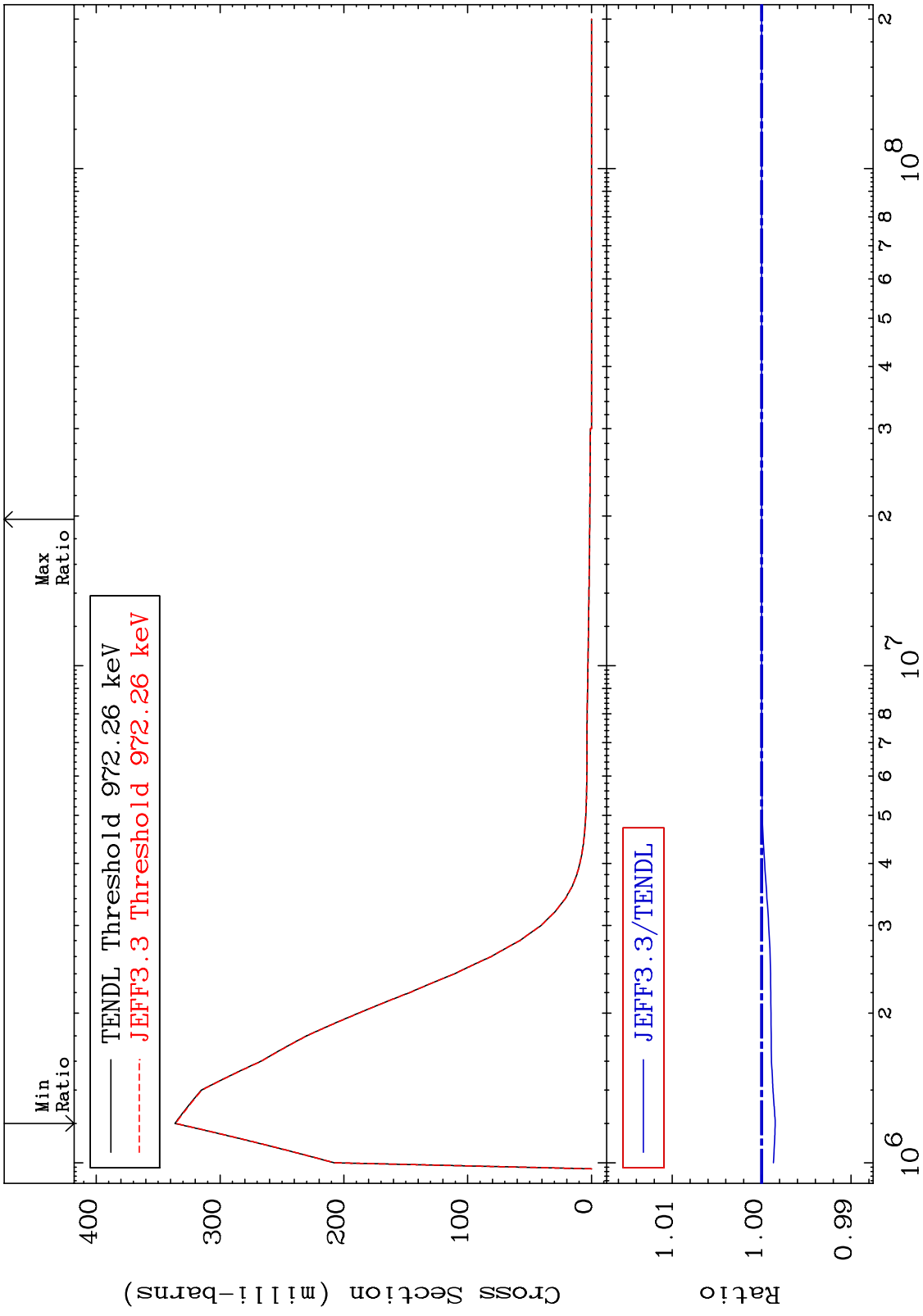
MAT 6637 MT= 52 (n,n') Level Cross Section 66-Dy-160
 -0.783 To 0.000 %



MAT 6637 MT= 53 (n,n') Level Cross Section 66-Dy-160
 -0.954 To 0.000 %

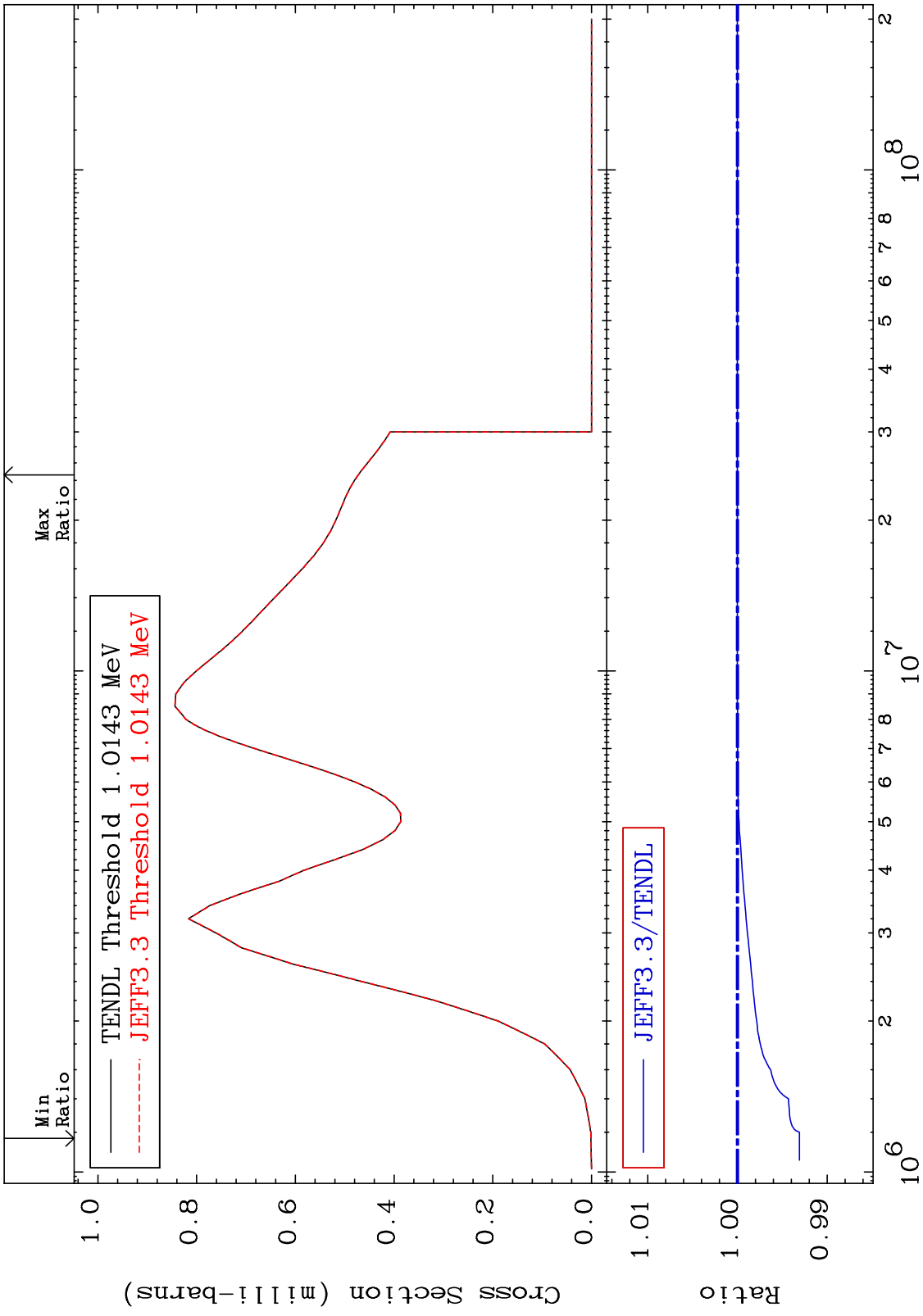


MAT 6637 MT= 54 (n,n') Level Cross Section 66-Dy-160 -0.152 To 0.000 %



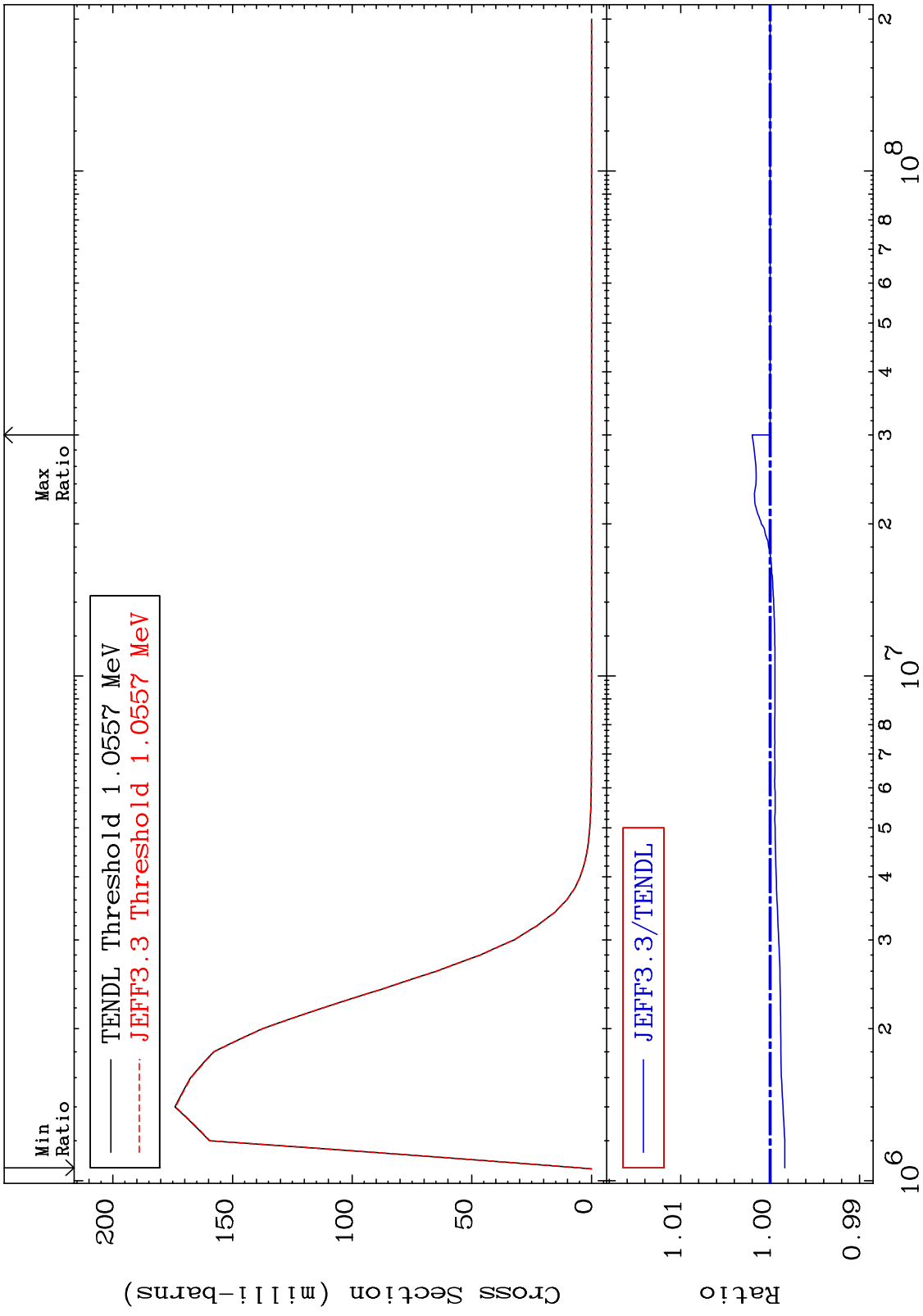
23 Incident Energy (eV) 66-Dy-160

MAT 6637 MT= 55 (n,n') Level Cross Section 66-Dy-160
 -0.691 To 0.000 %

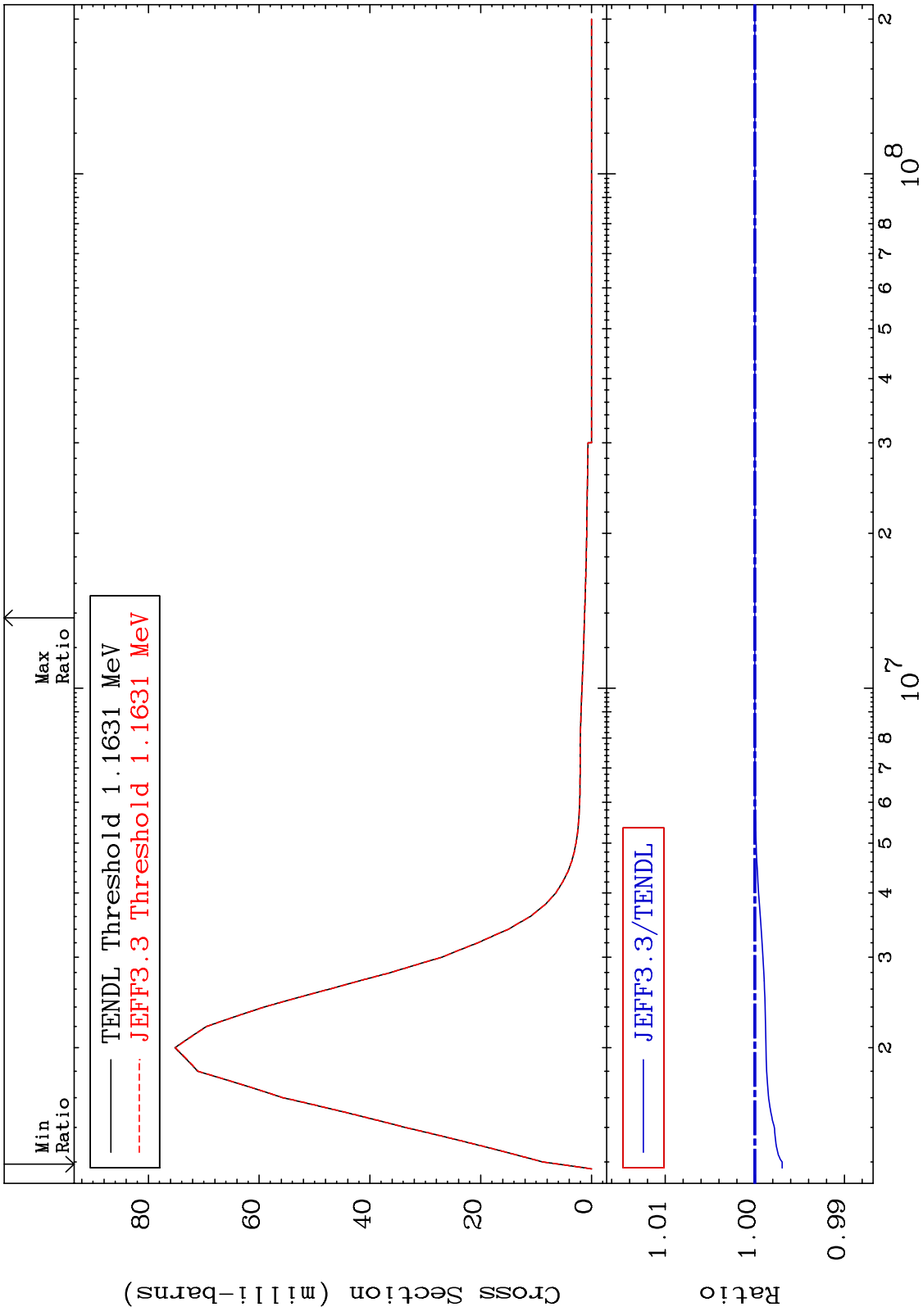


Incident Energy (eV) 66-Dy-160

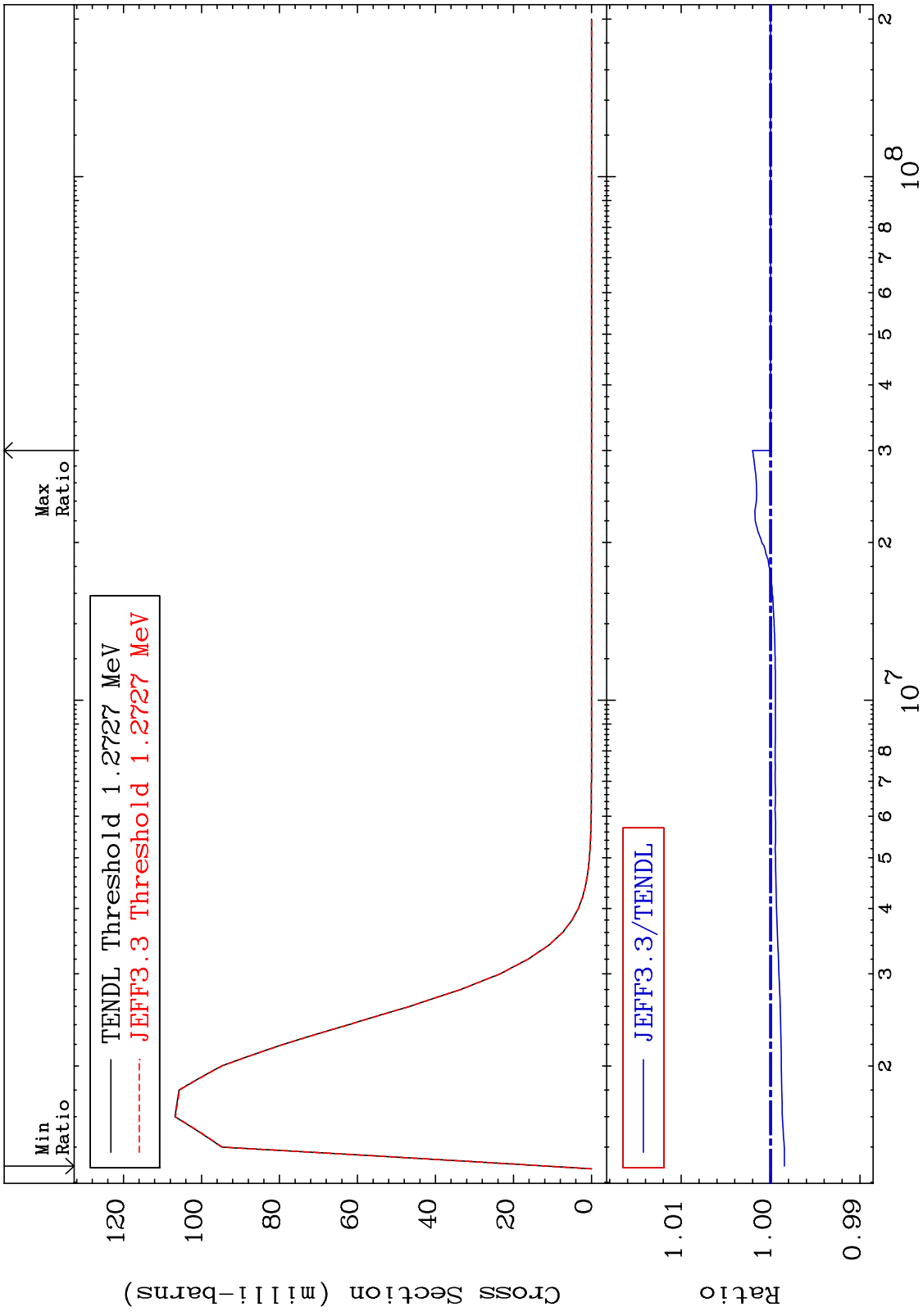
MAT 6637 MT= 56 (n,n') Level Cross Section 66-Dy-160
-0.164 To 0.201 %



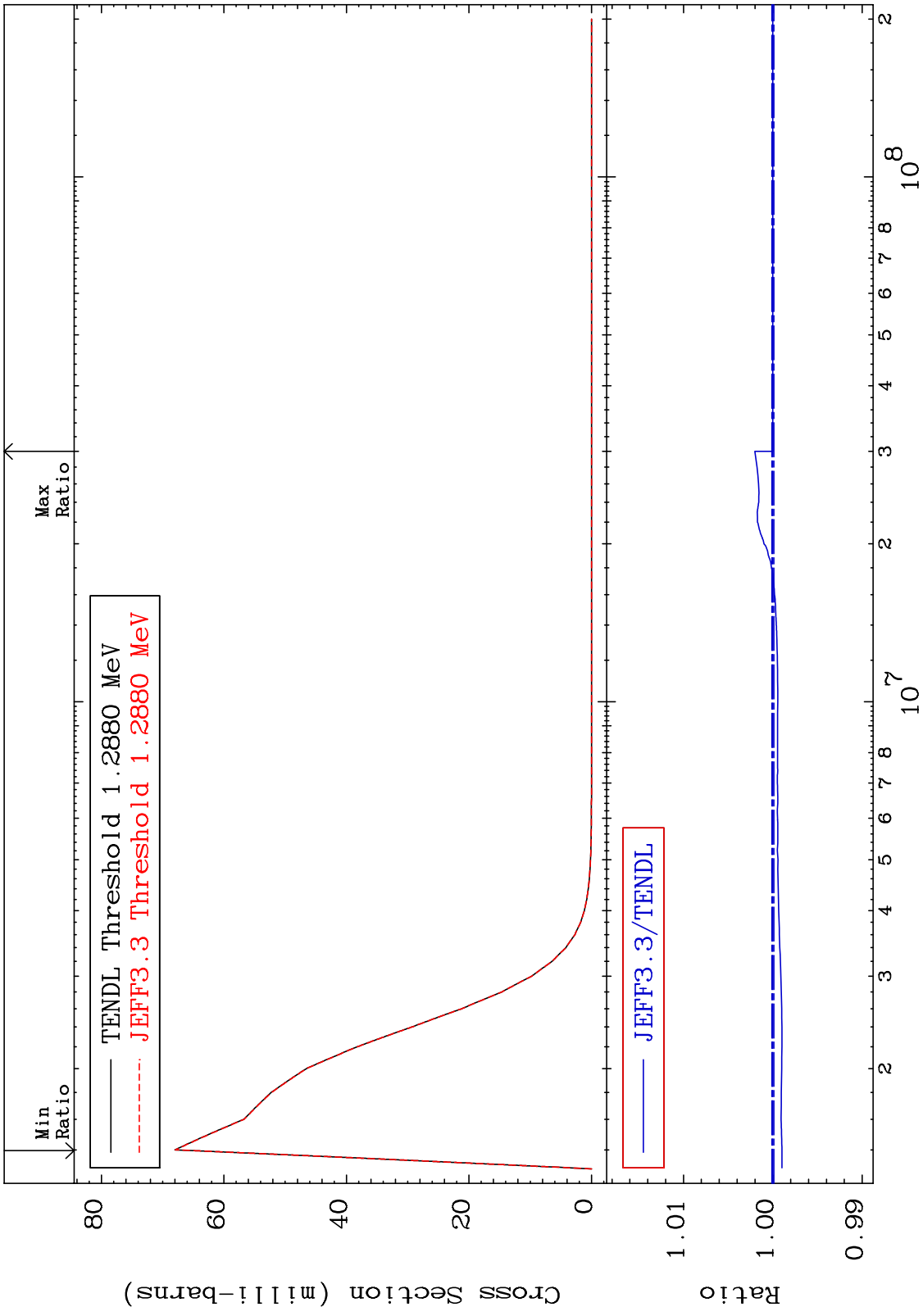
MAT 6637 MT= 57 (n,n') Level Cross Section 66-Dy-160 -0.304 To 0.000 %



MAT 6637 MT= 58 (n,n') Level Cross Section 66-Dy-160
 -0.154 To 0.201 %



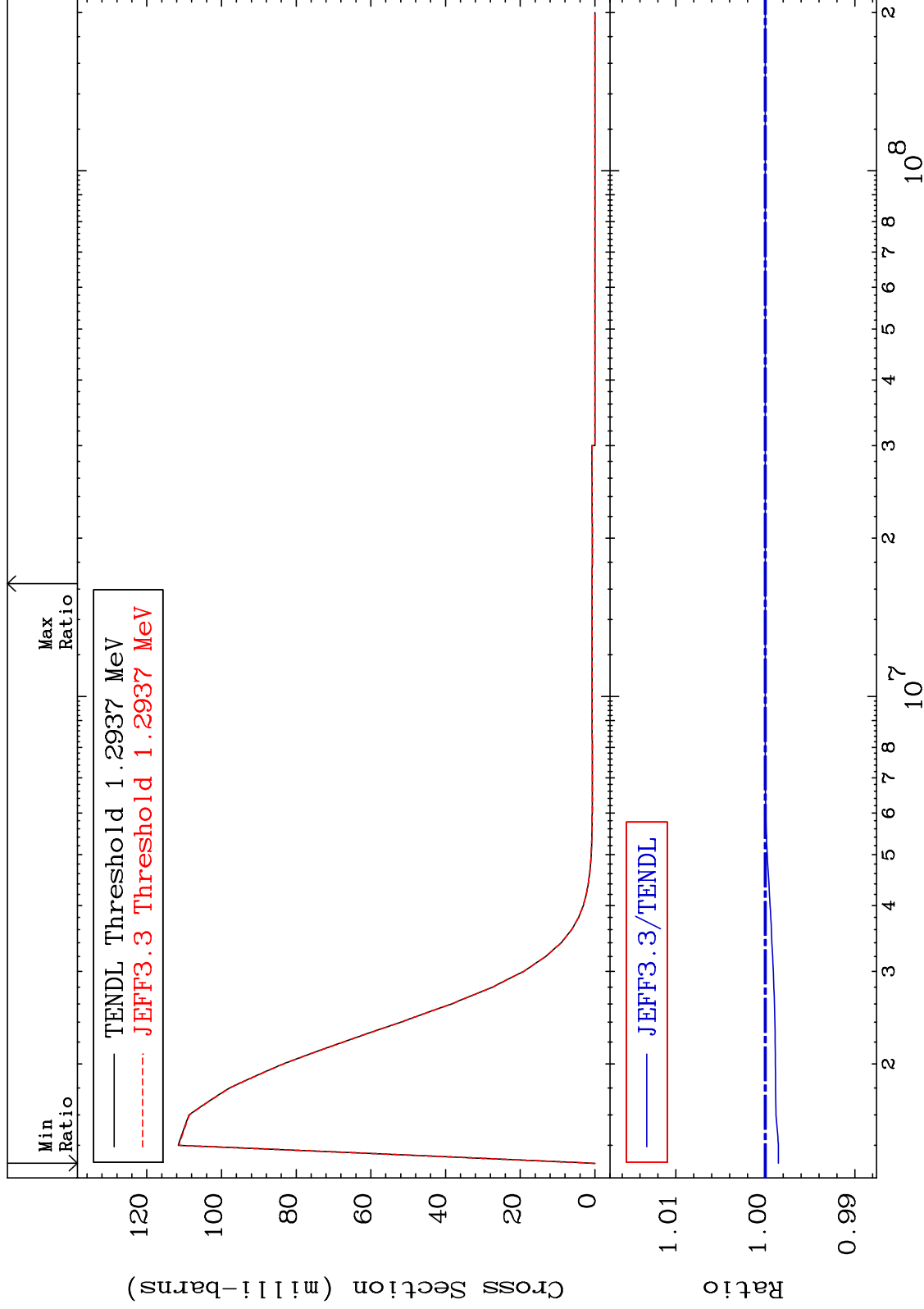
MAT 6637 MT= 59 (n,n') Level Cross Section 66-Dy-160
 -0.102 To 0.201 %



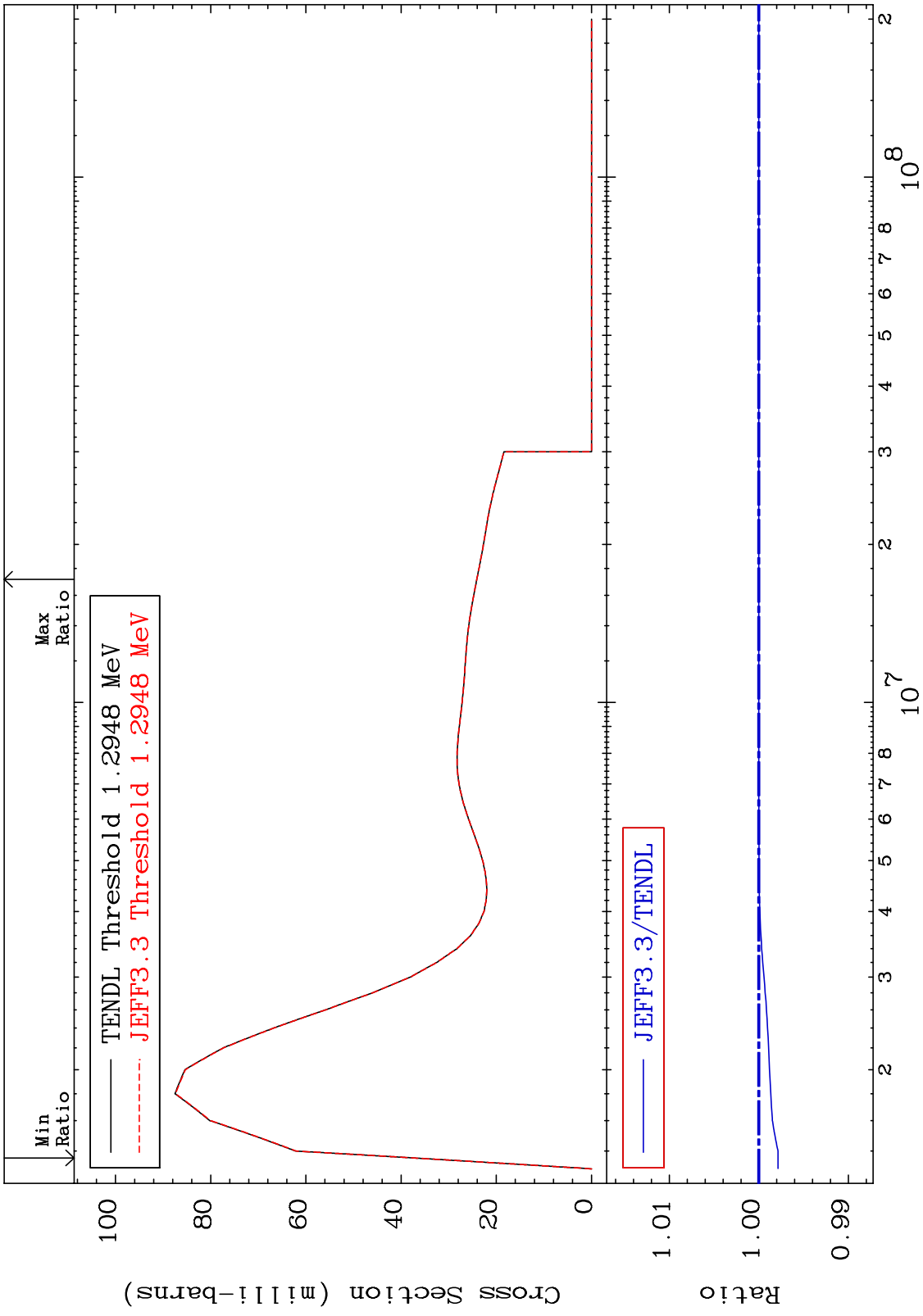
MAT 6637

MT= 60 (n,n') Level
Cross Section

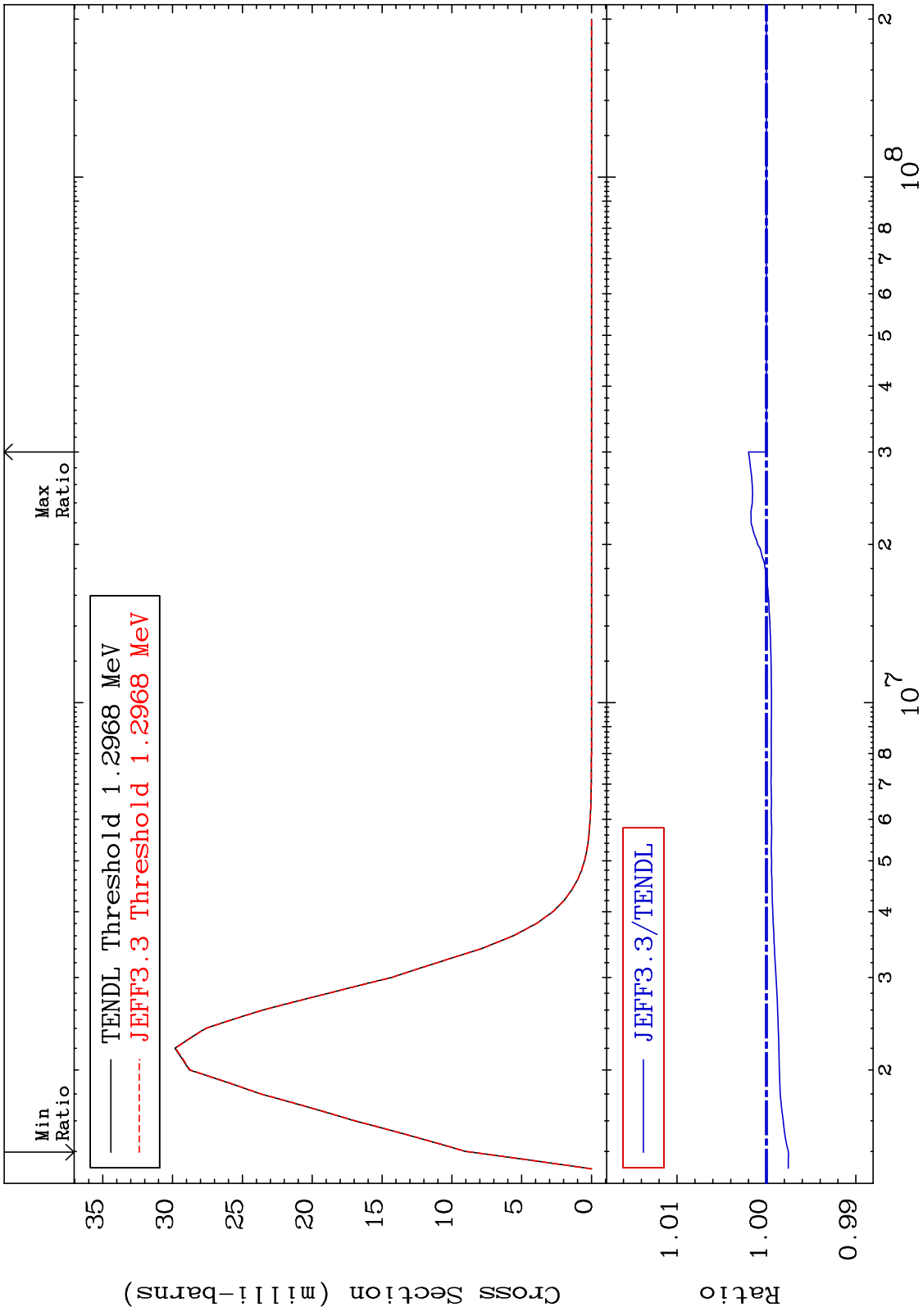
66-Dy-160
-0.146 To 0.000 %



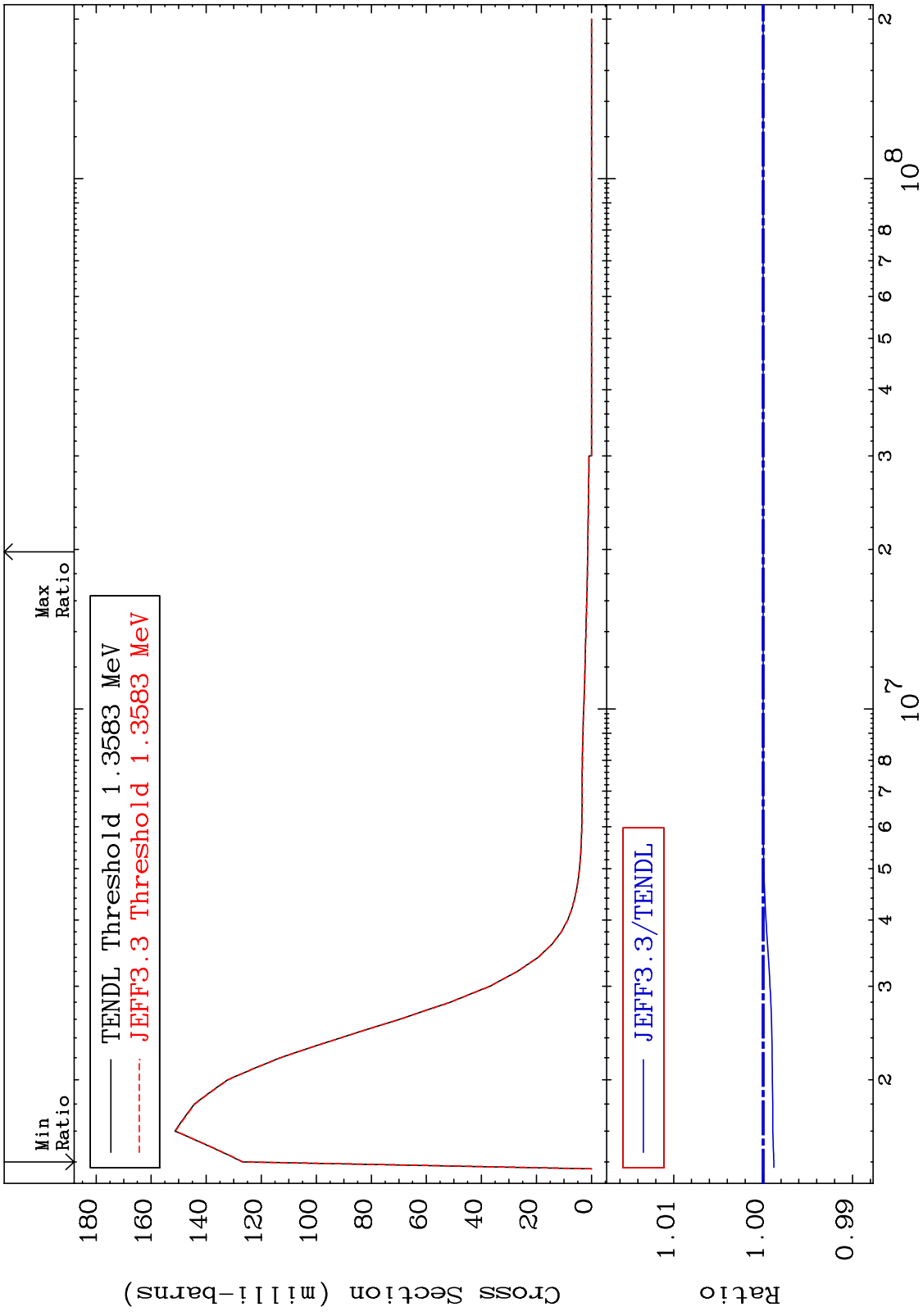
MAT 6637 MT= 61 (n,n') Level Cross Section 66-Dy-160 -0.214 To 0.000 %



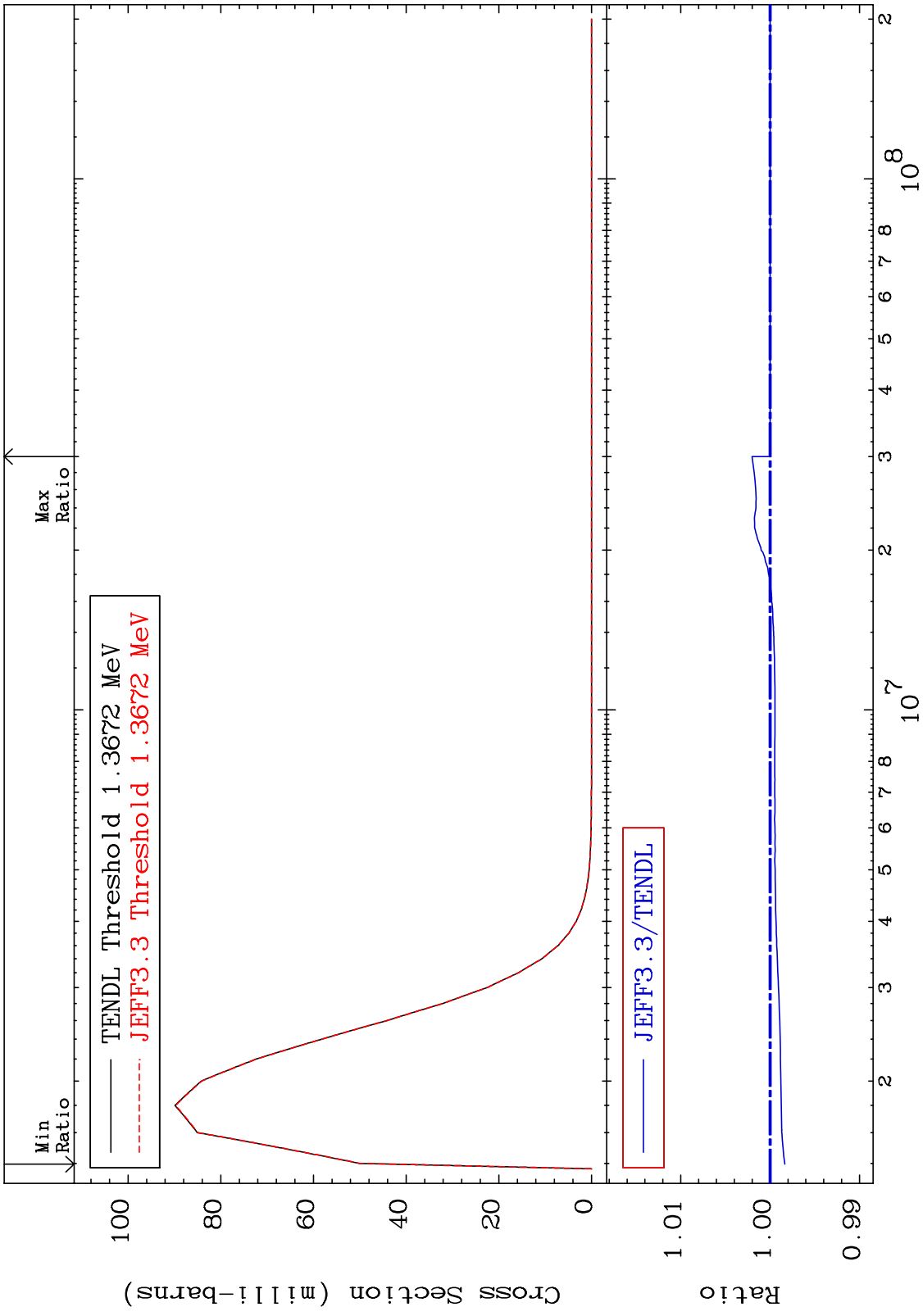
MAT 6637 MT= 62 (n,n') Level Cross Section 66-Dy-160
 -0.245 To 0.201 %



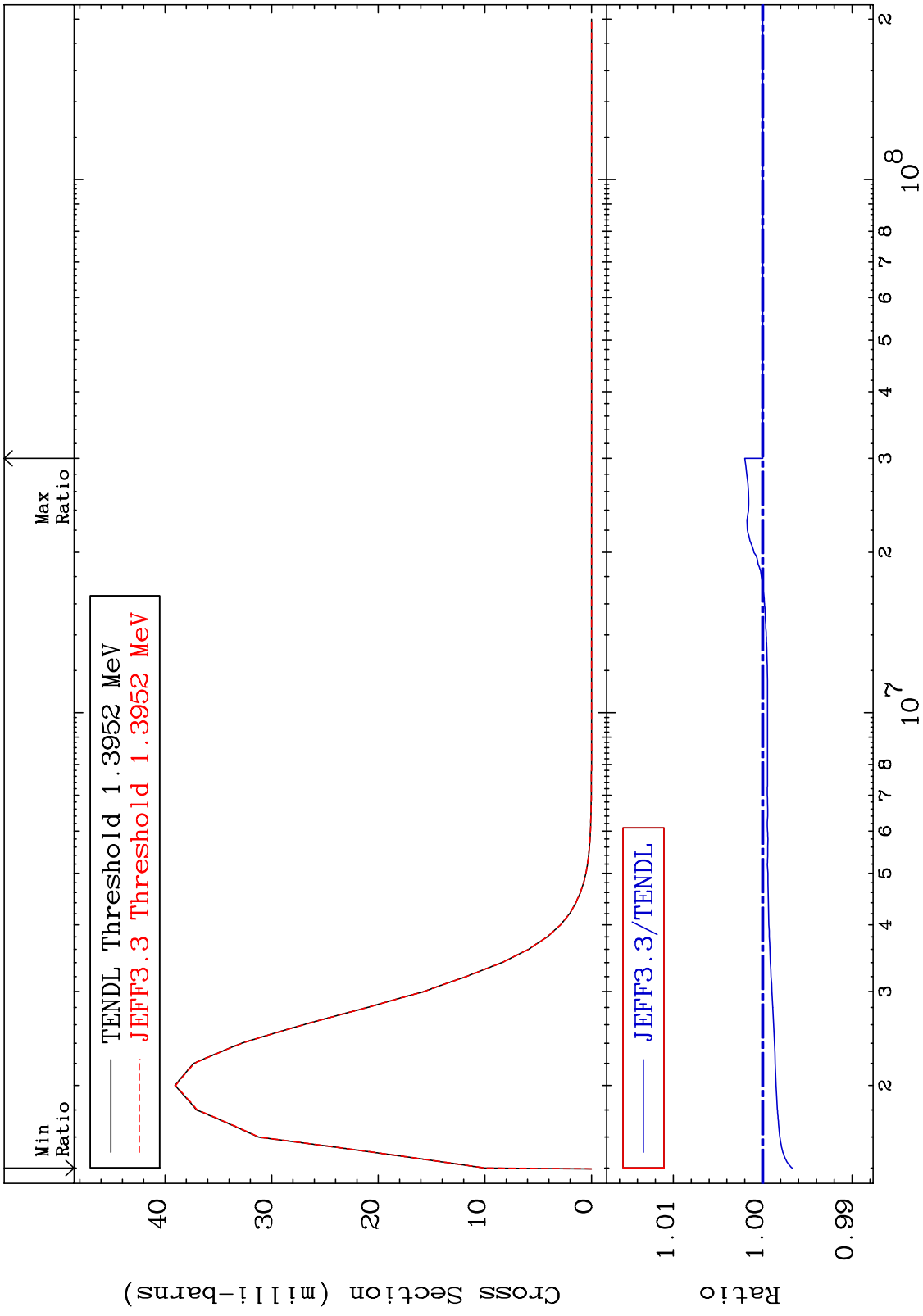
MAT 6637 MT= 63 (n, n') Level Cross Section 66-Dy-160
 -0.120 To 0.000 %



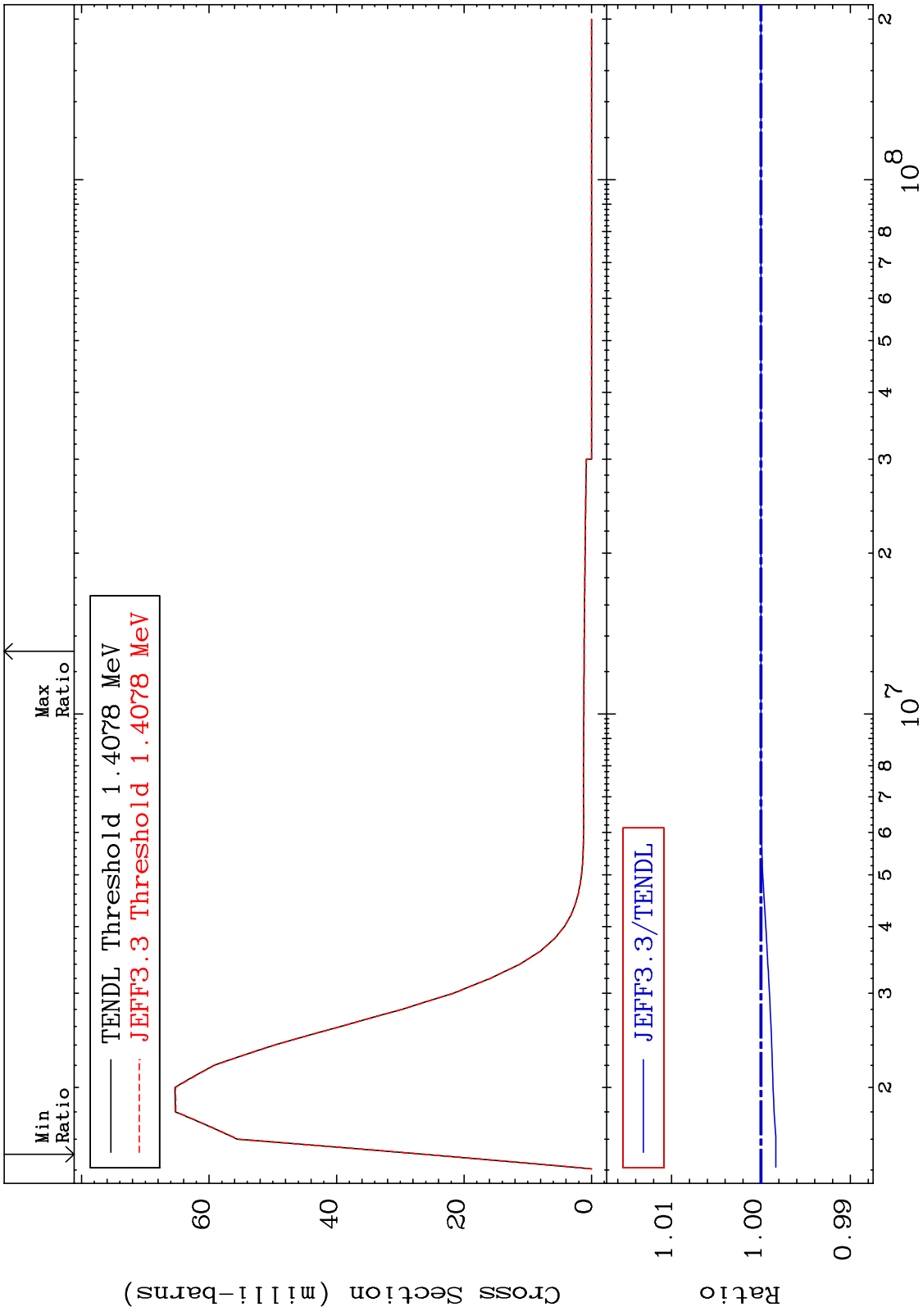
MAT 6637 MT= 64 (n,n') Level Cross Section 66-Dy-160
 -0.165 To 0.201 %



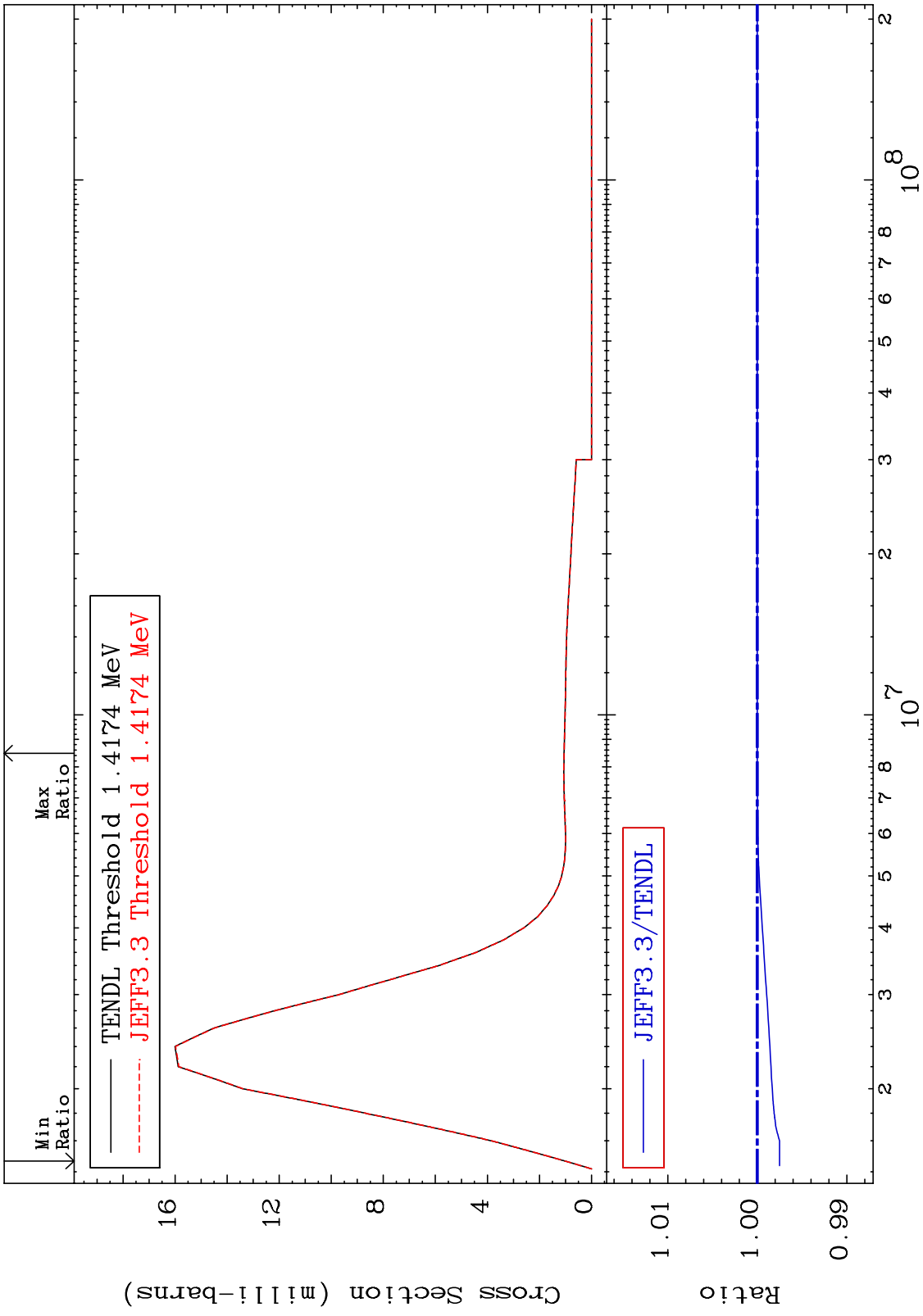
MAT 6637 MT= 65 (n,n') Level Cross Section 66-Dy-160
 -0.329 To 0.201 %



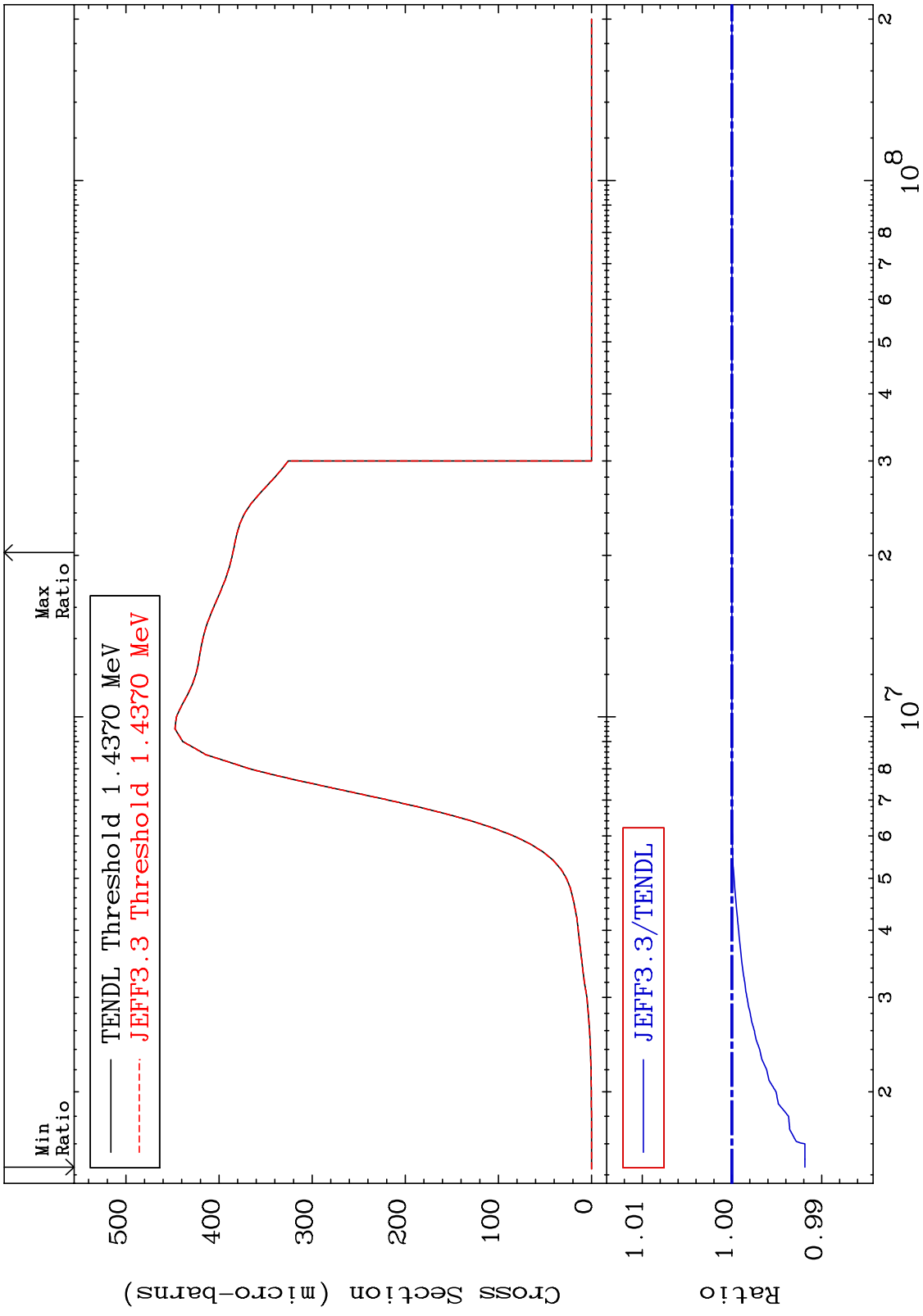
MAT 6637 MT= 66 (n,n') Level Cross Section 66-Dy-160
 -0.167 To 0.000 %



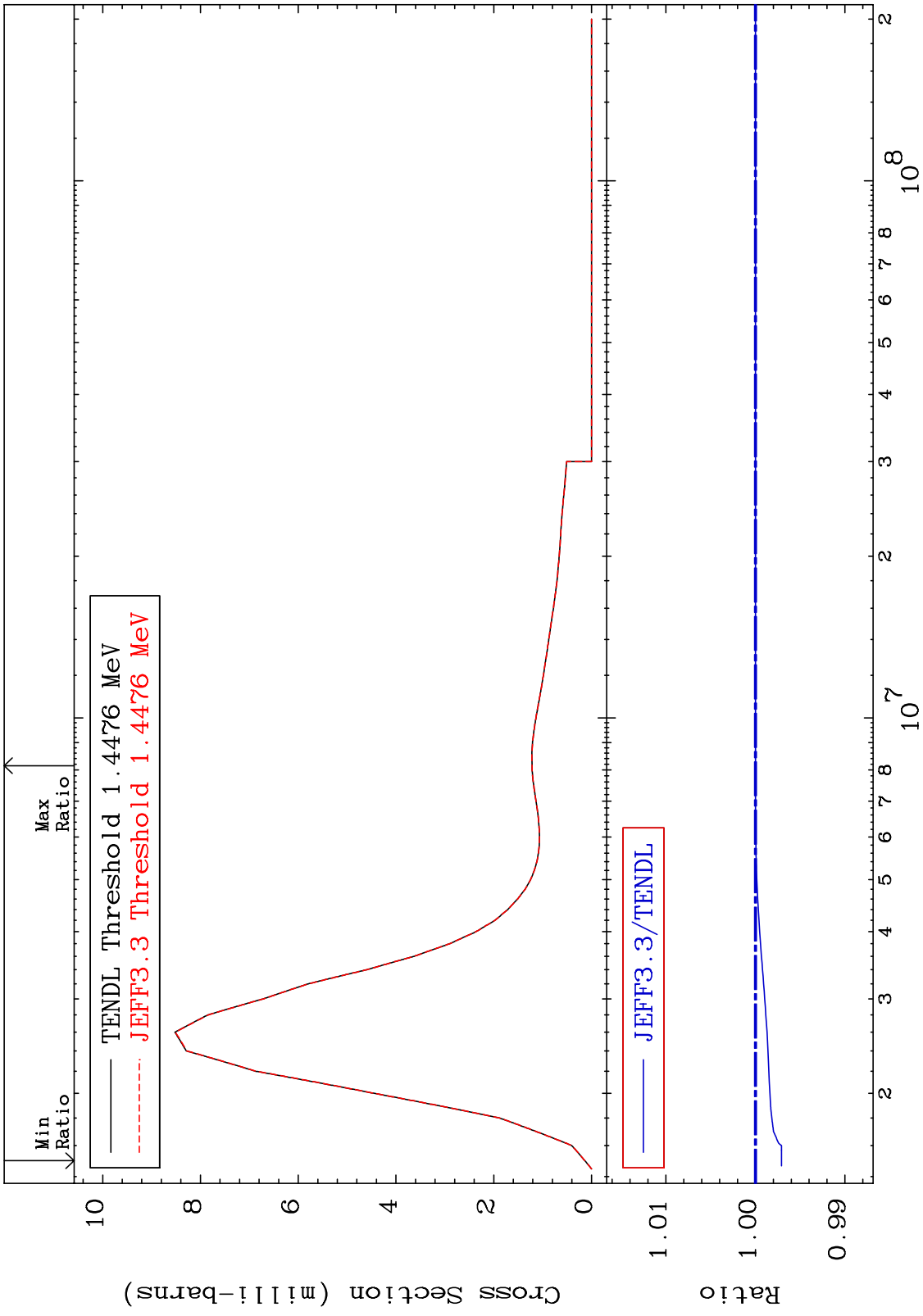
MAT 6637 MT= 67 (n,n') Level Cross Section 66-Dy-160
 -0.249 To 0.000 %



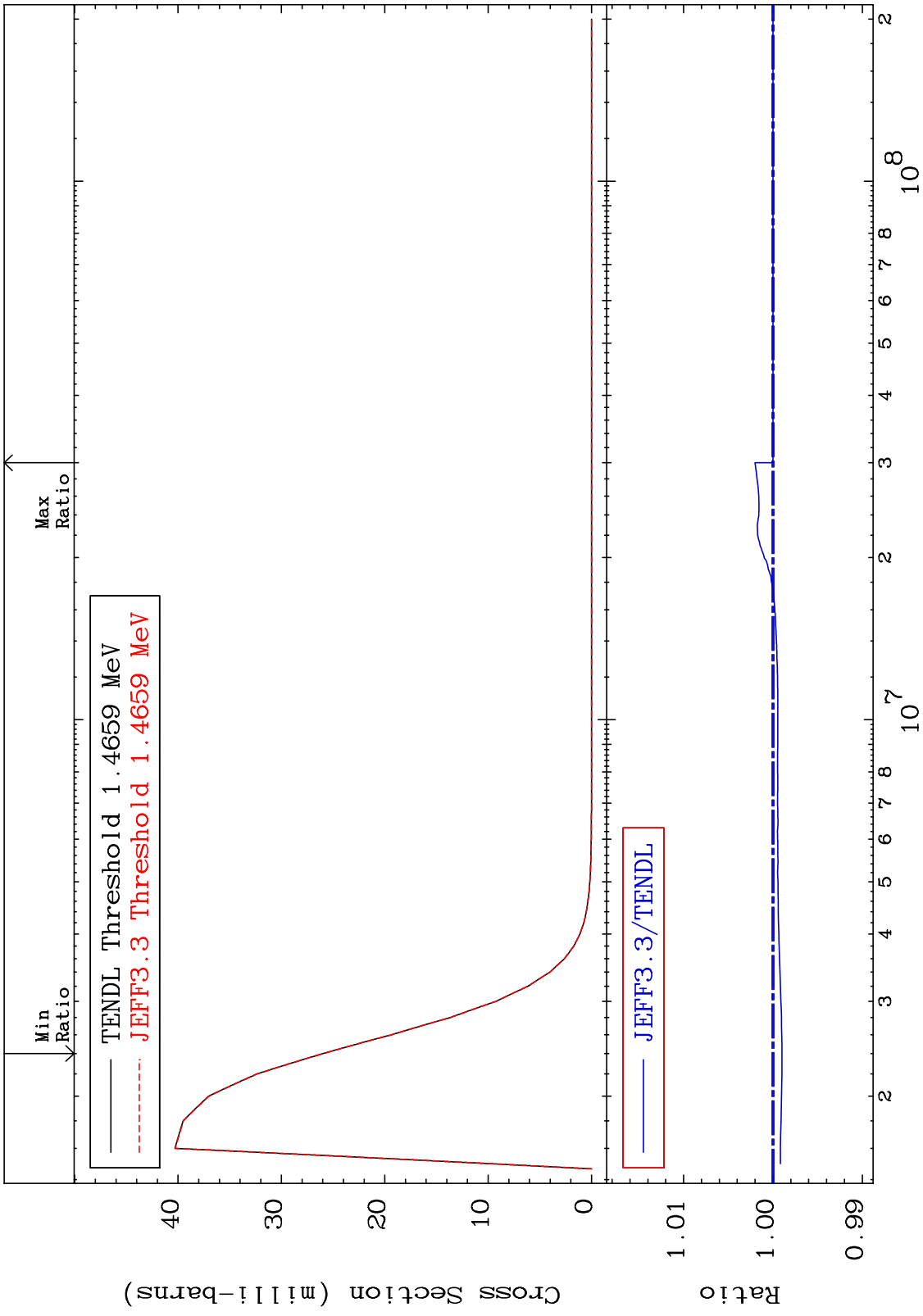
MAT 6637 MT= 68 (n,n') Level Cross Section 66-Dy-160
 -0.813 To 0.000 %



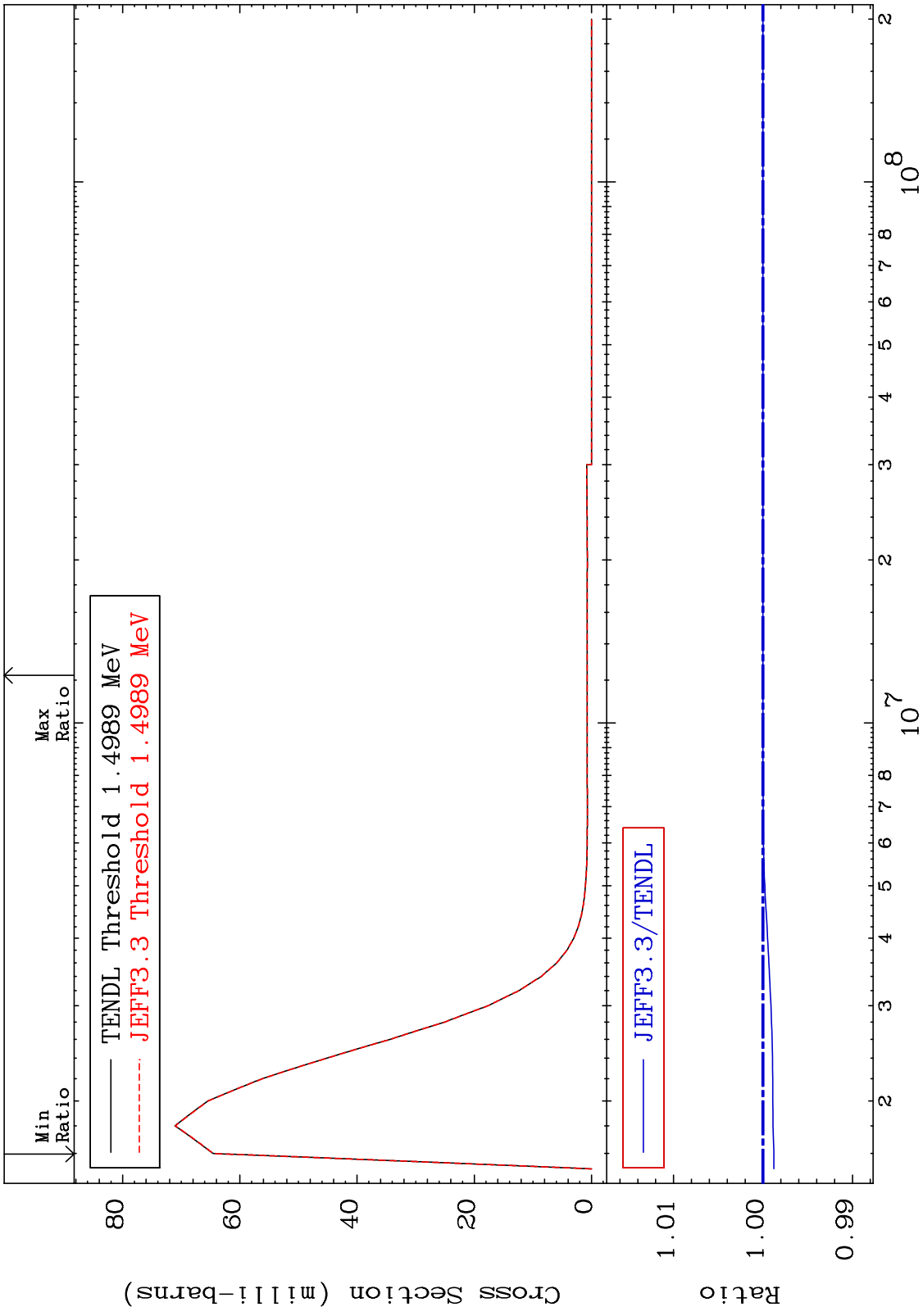
MAT 6637 MT= 69 (n,n') Level Cross Section 66-Dy-160
 -0.291 To 0.000 %



MAT 6637 MT= 70 (n,n') Level Cross Section 66-Dy-160
 -0.100 To 0.201 %

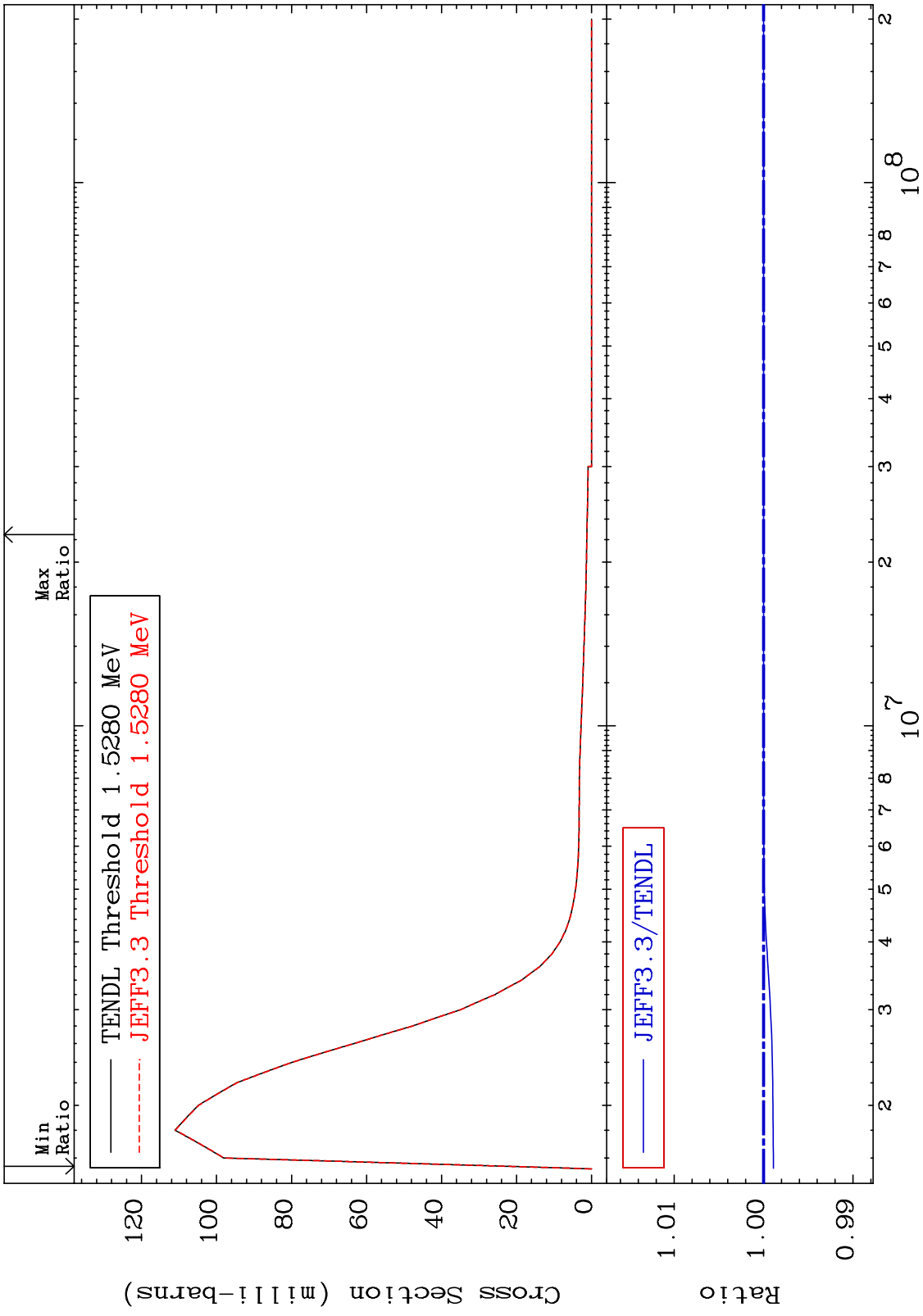


MAT 6637 MT= 71 (n,n') Level Cross Section 66-Dy-160
 -0.122 To 0.000 %

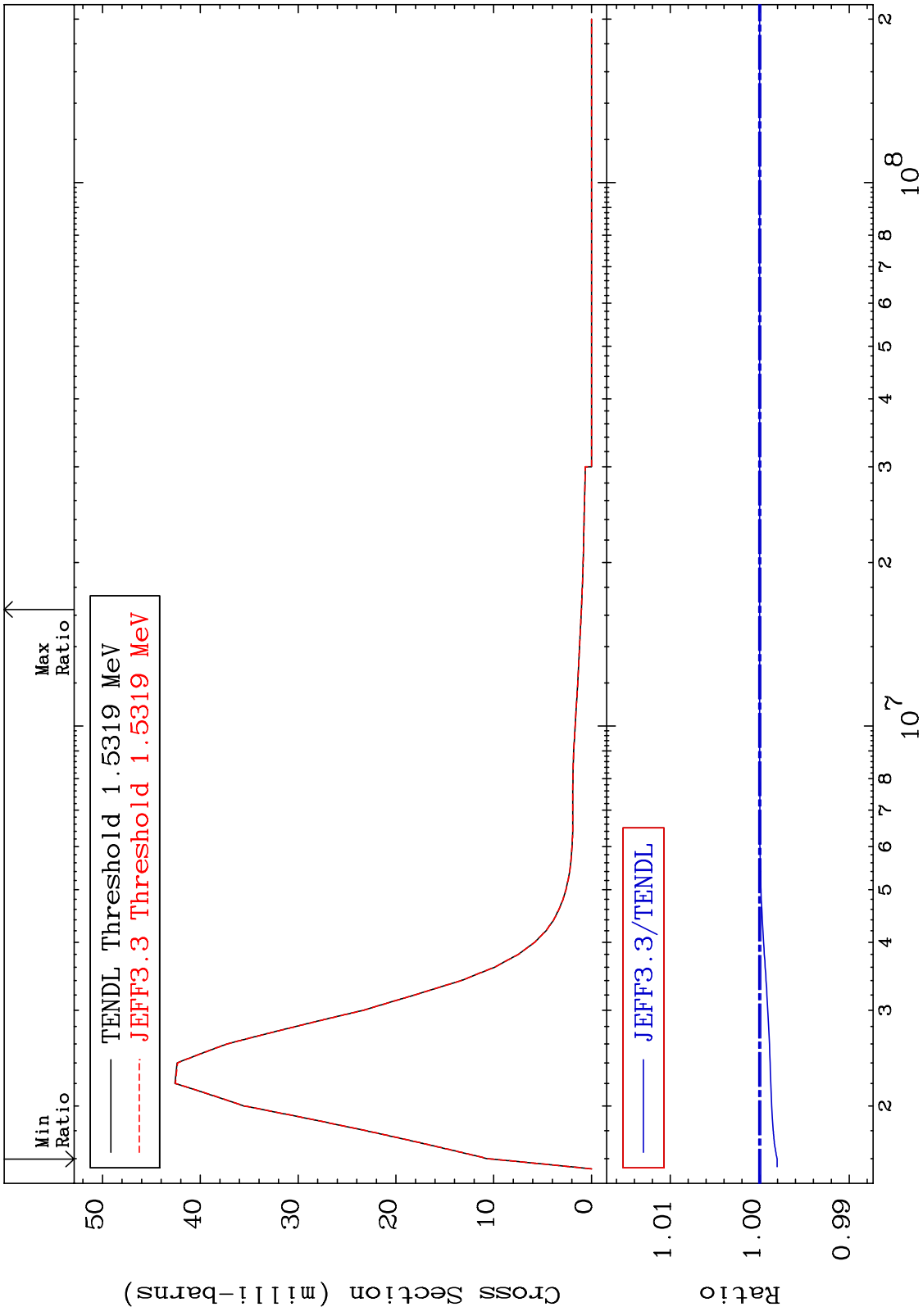


40 Incident Energy (eV) 66-Dy-160

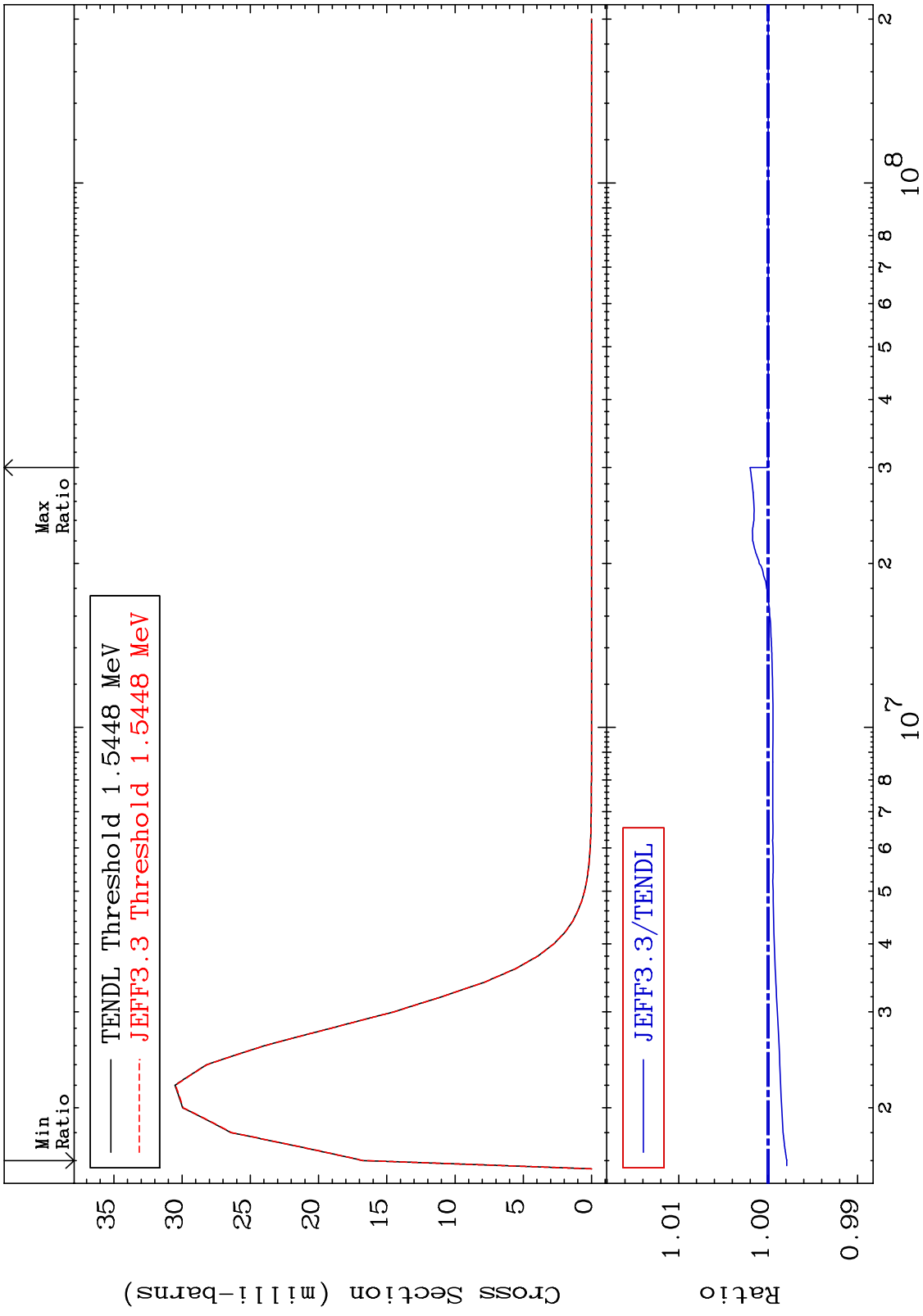
MAT 6637 MT= 72 (n,n') Level Cross Section 66-Dy-160
 -0.109 To 0.000 %



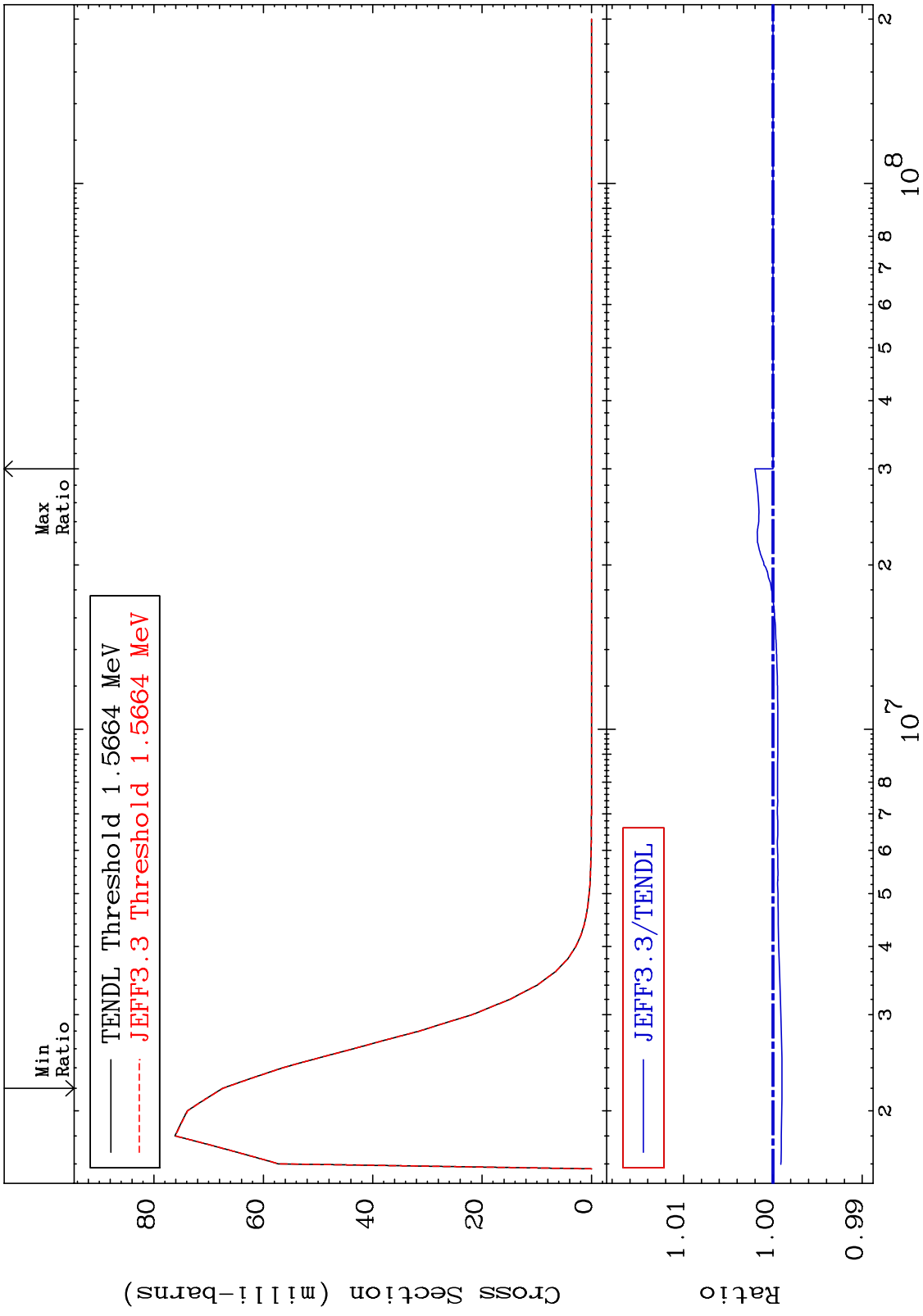
MAT 6637 MT= 73 (n,n') Level Cross Section 66-Dy-160
 -0.195 To 0.000 %



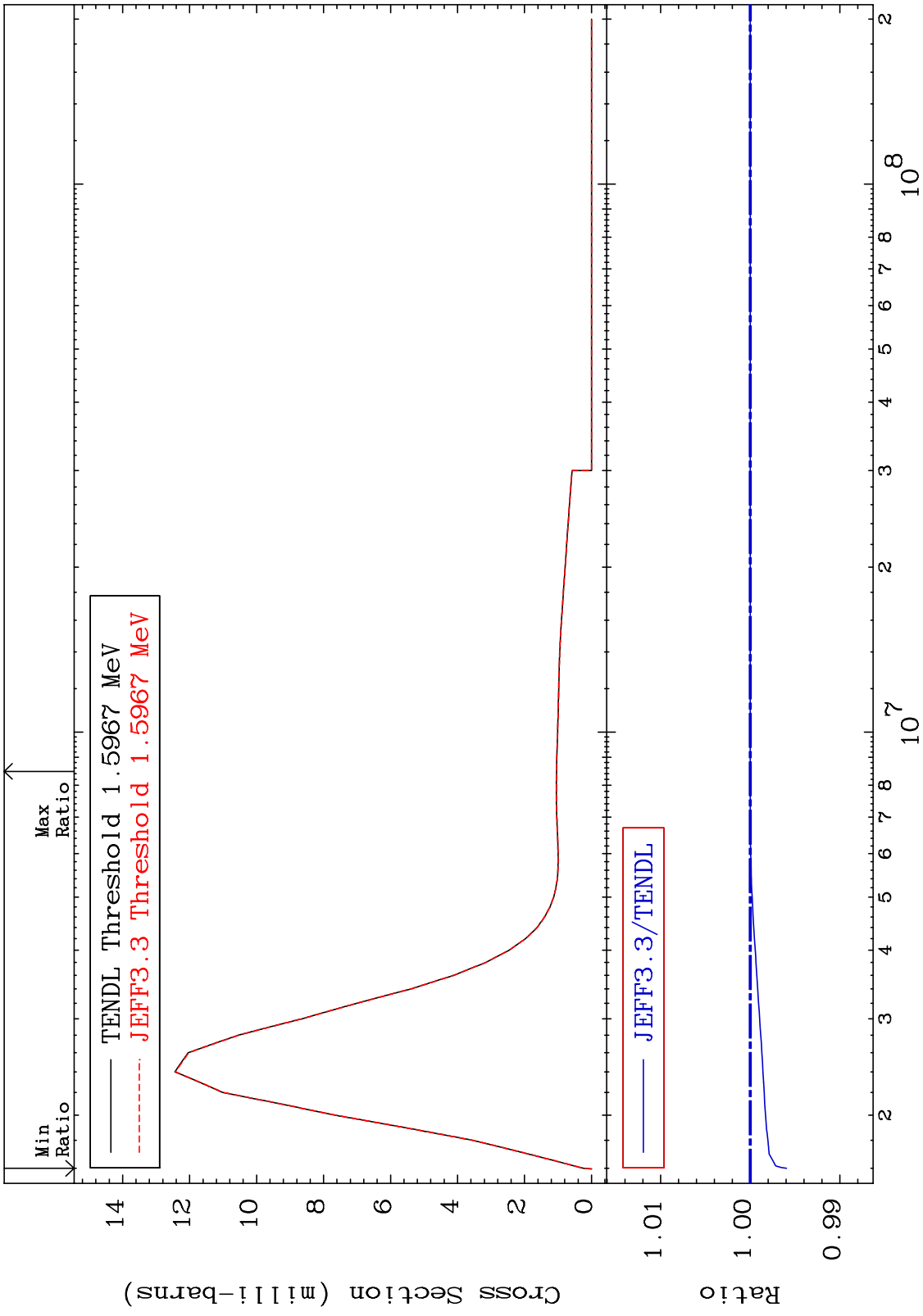
MAT 6637 MT= 74 (n,n') Level Cross Section 66-Dy-160
 -0.209 To 0.201 %



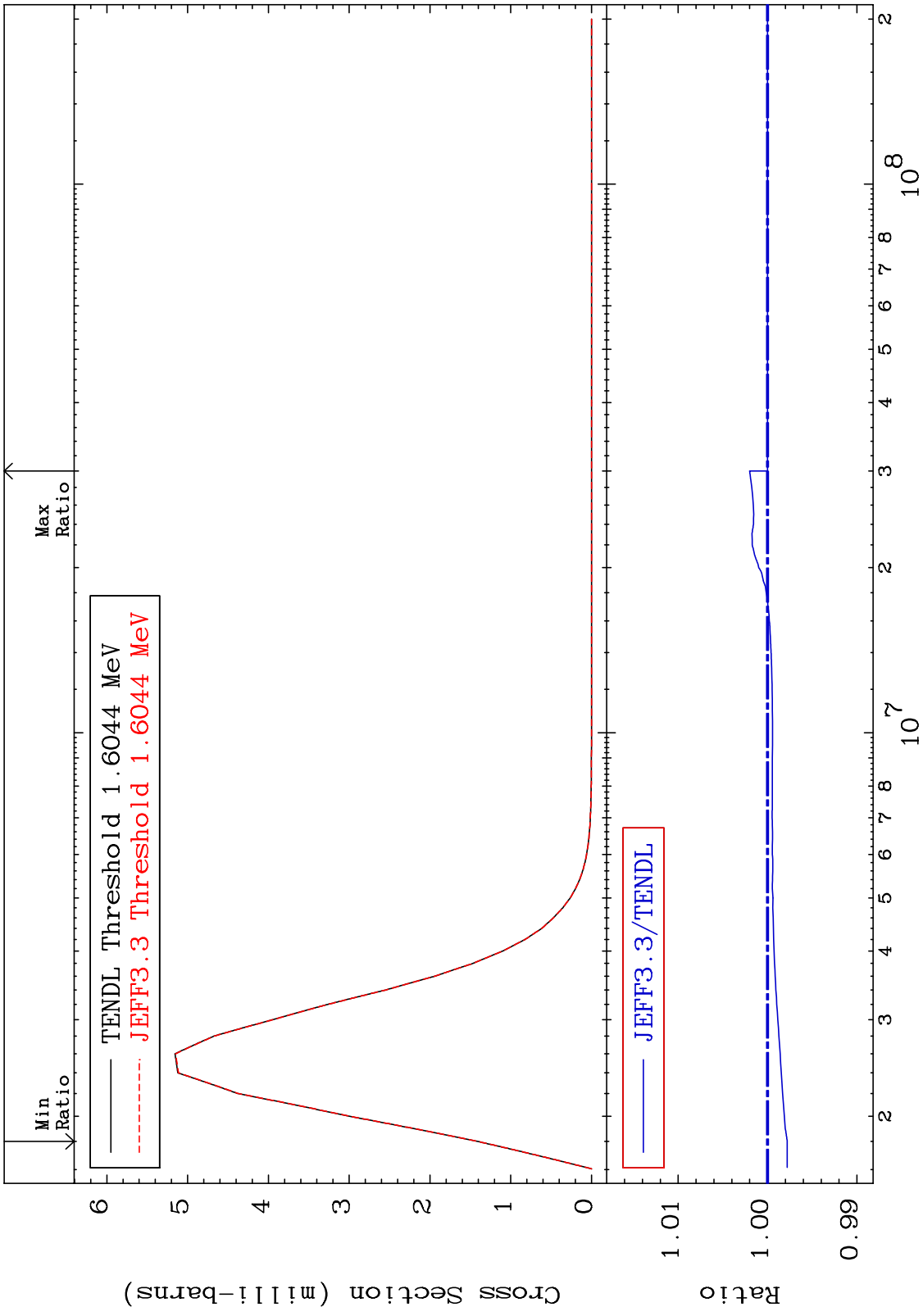
MAT 6637 MT= 75 (n,n') Level Cross Section 66-Dy-160
 -0.101 To 0.201 %



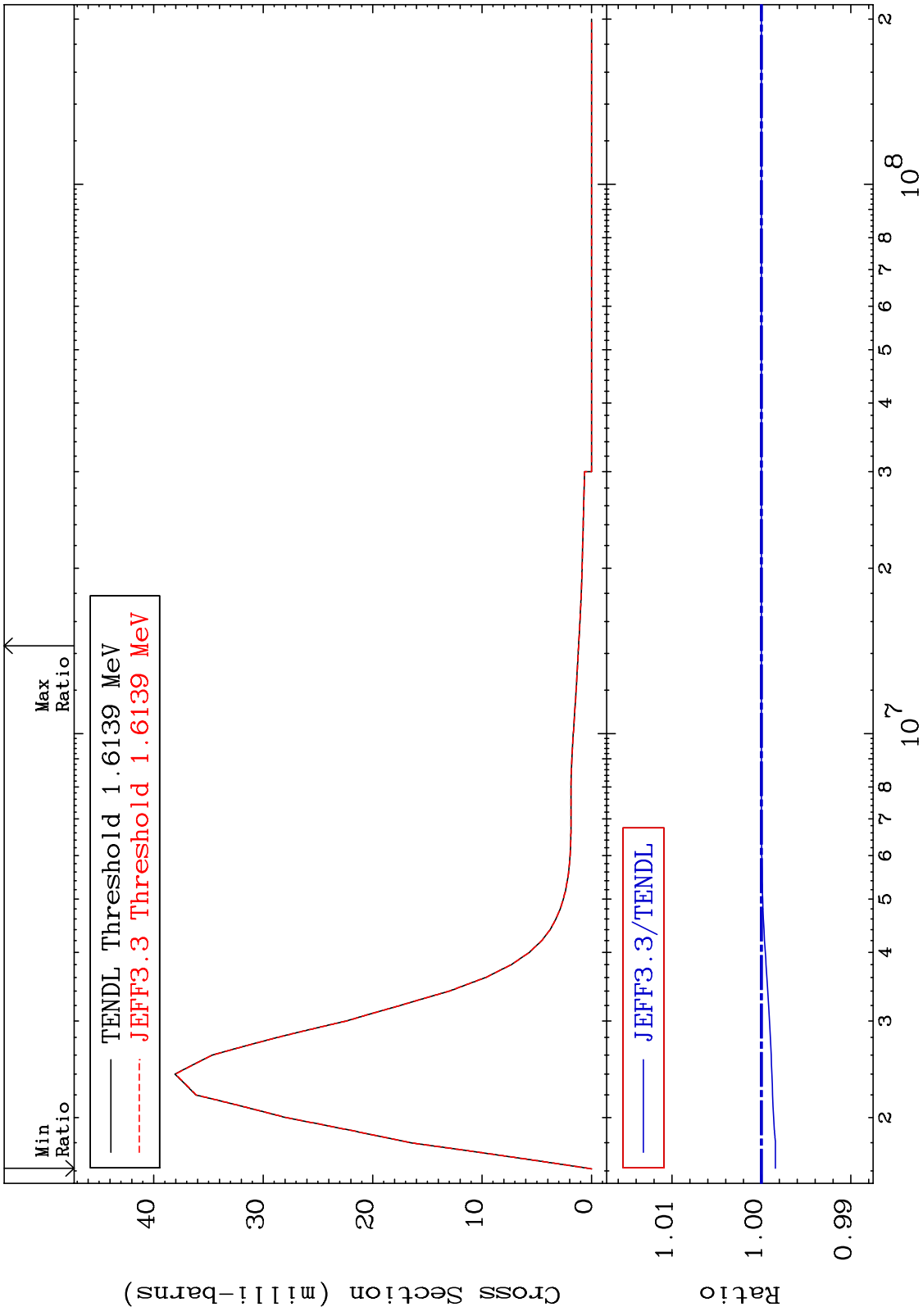
MAT 6637 MT= 76 (n,n') Level Cross Section 66-Dy-160 -0.405 To 0.000 %



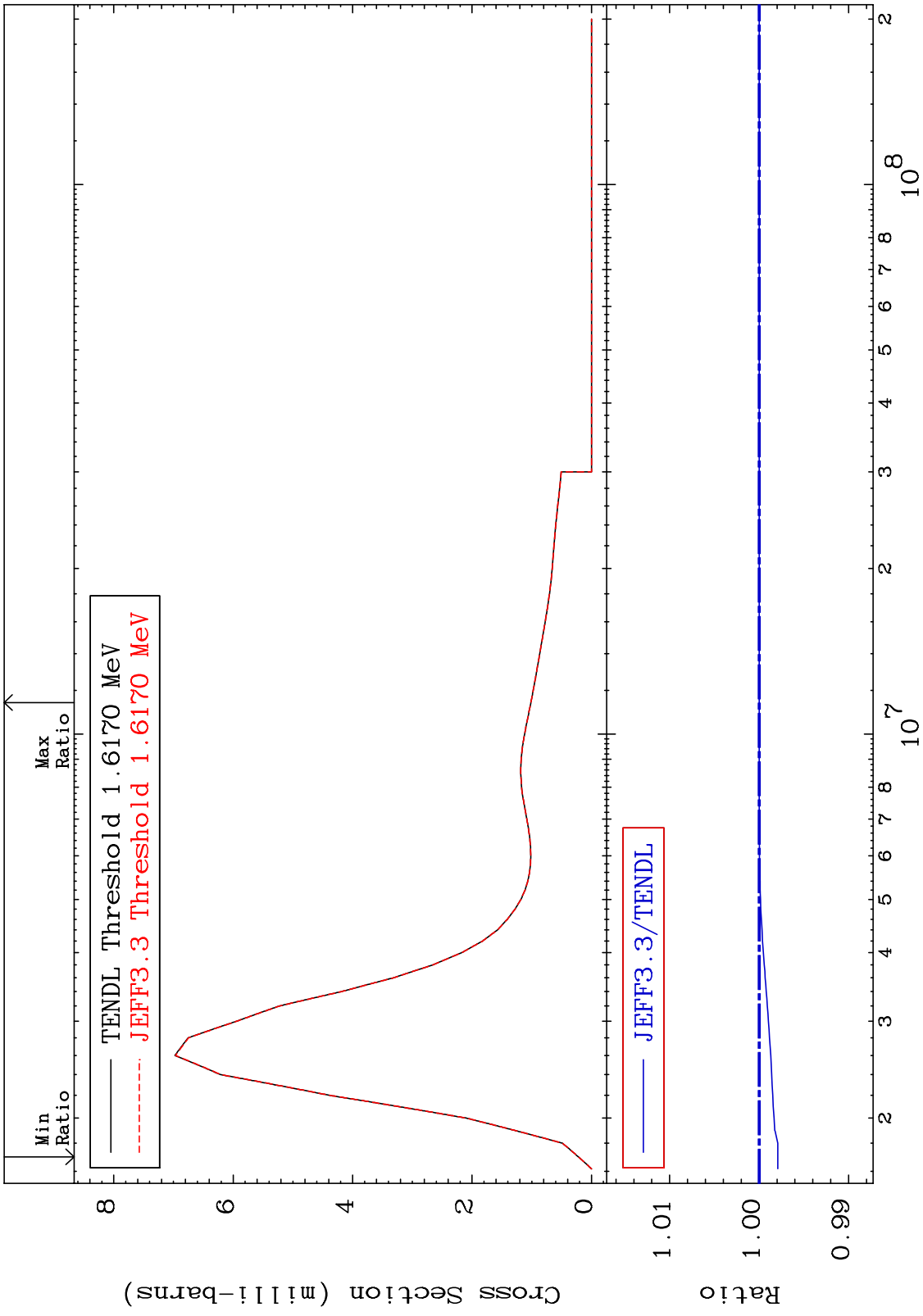
MAT 6637 MT= 77 (n,n') Level Cross Section 66-Dy-160
 -0.221 To 0.201 %



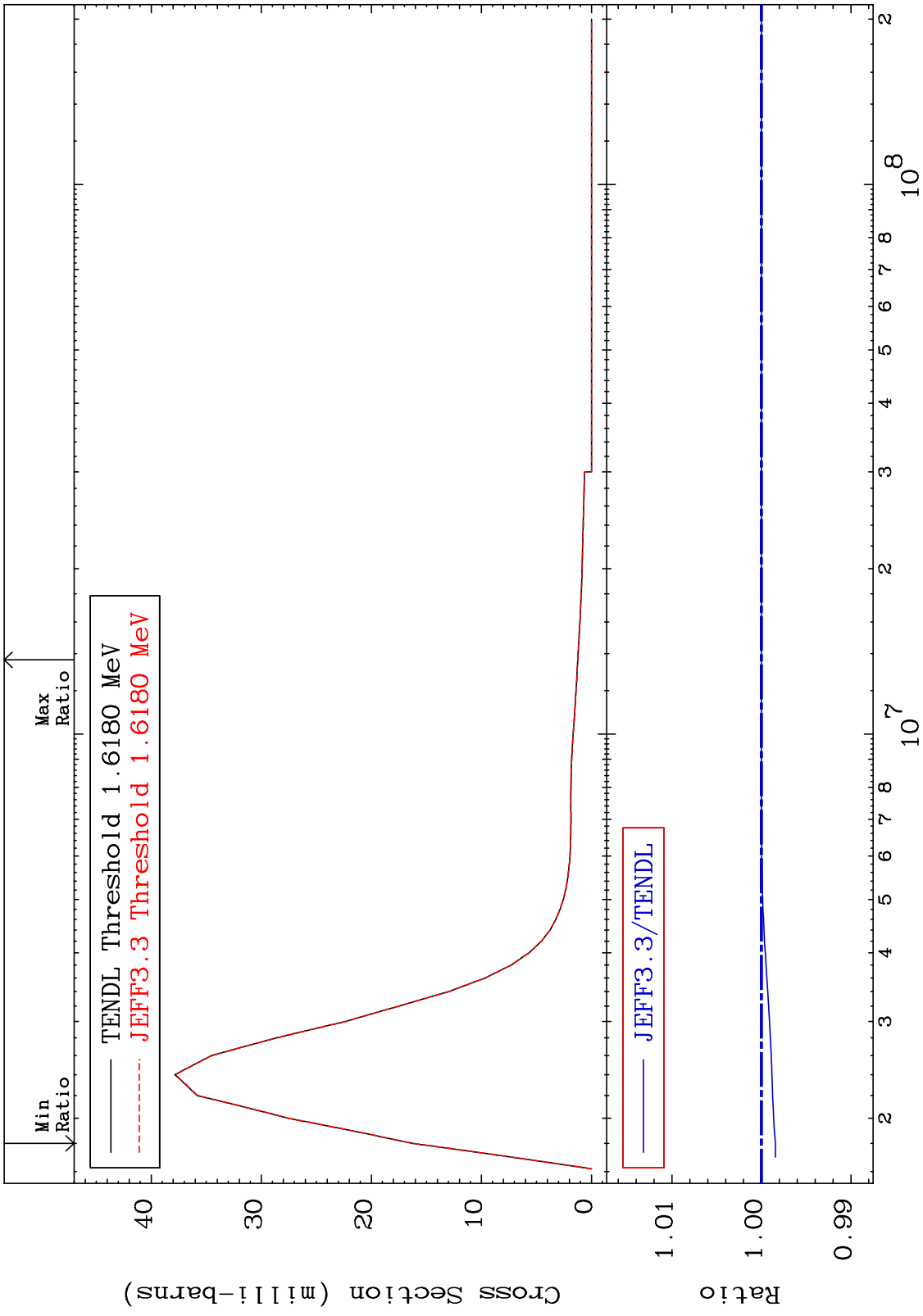
MAT 6637 MT= 78 (n,n') Level Cross Section 66-Dy-160 -0.157 To 0.000 %



MAT 6637 MT= 79 (n,n') Level Cross Section 66-Dy-160
 -0.208 To 0.000 %



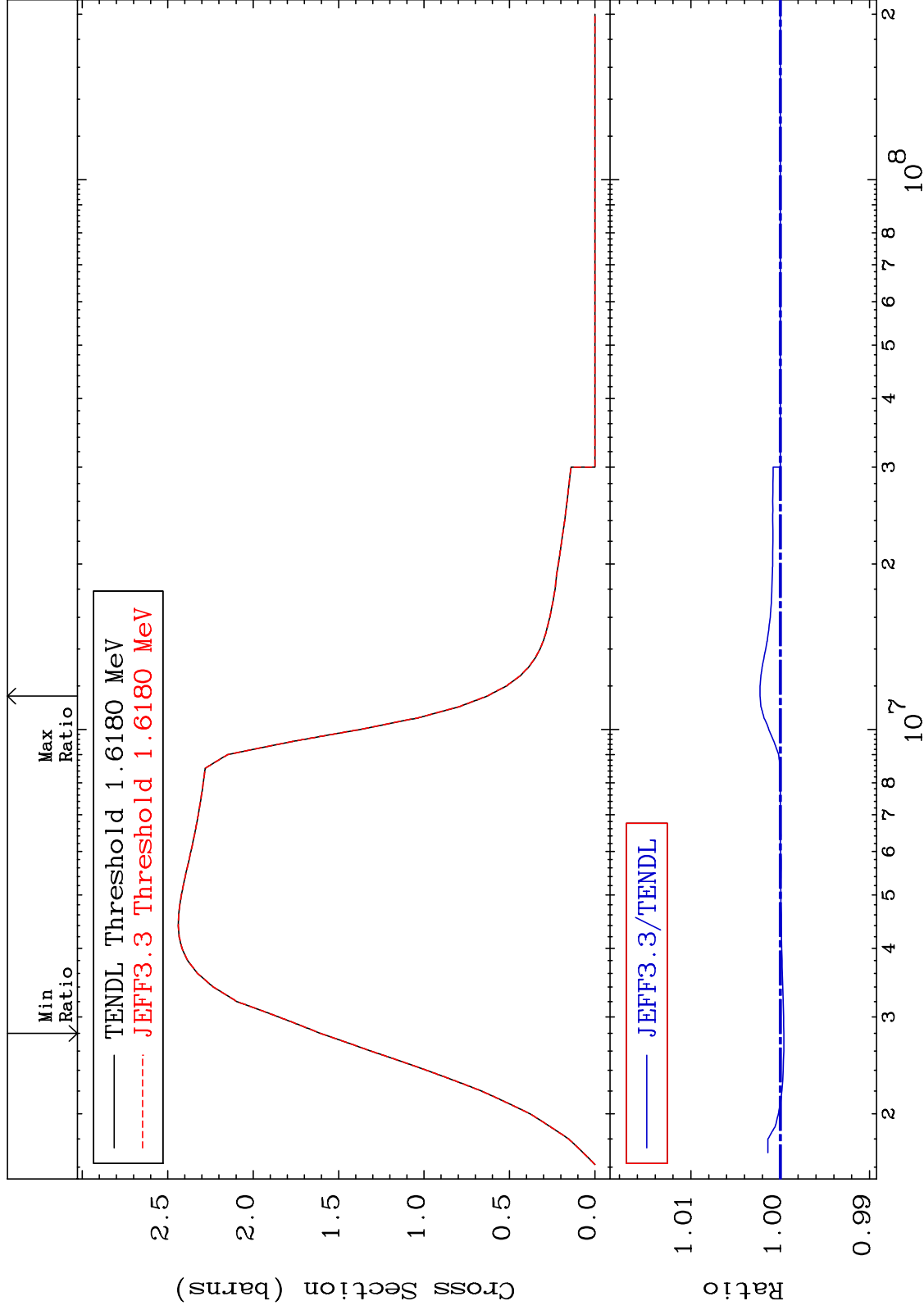
MAT 6637 MT= 80 (n,n') Level Cross Section 66-Dy-160 -0.156 To 0.000 %



MAT 6637

(n, n') Continuum
Cross Section

66-Dy-160
-0.040 To 0.227 %



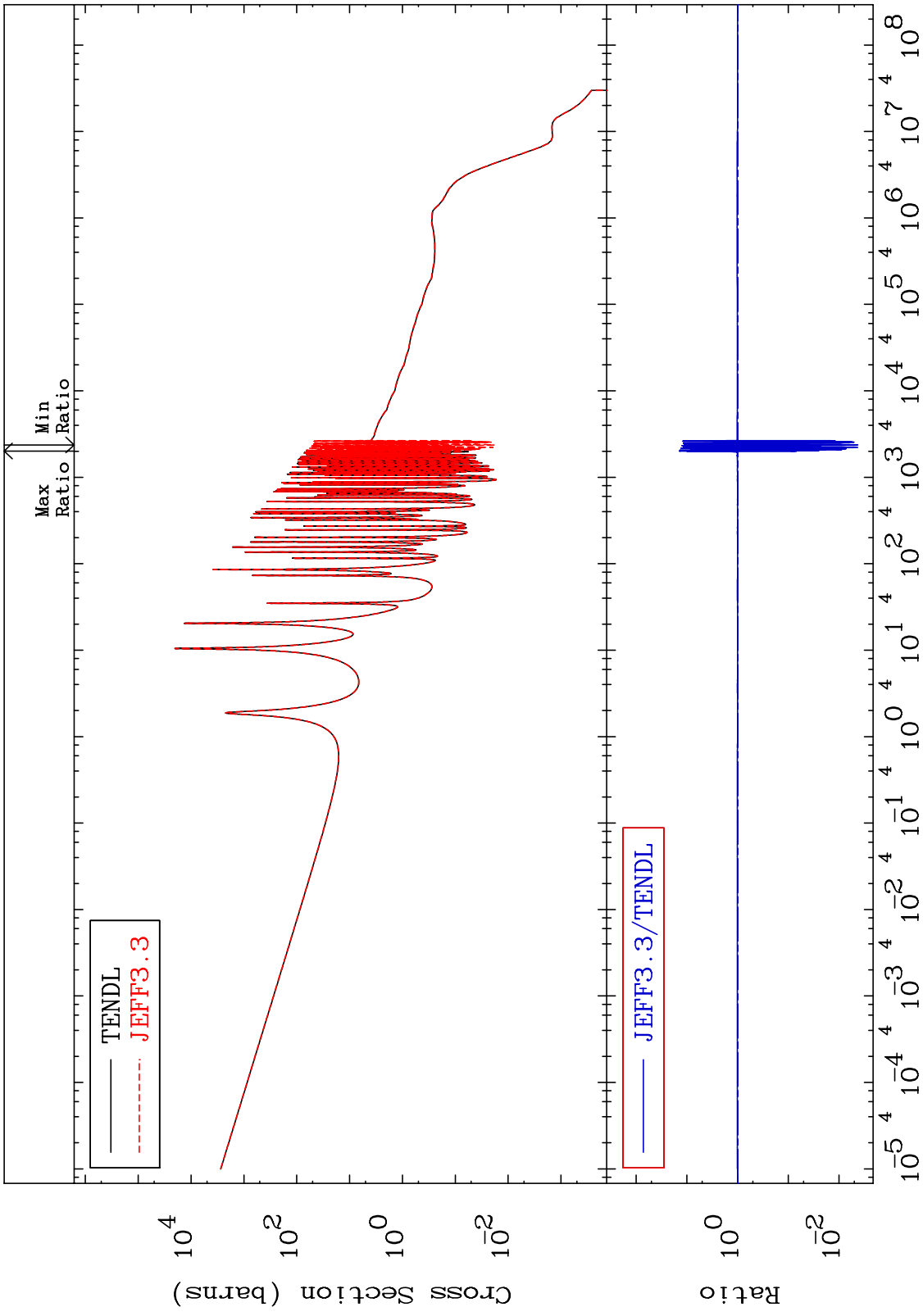
MAT 6637

(n, γ)

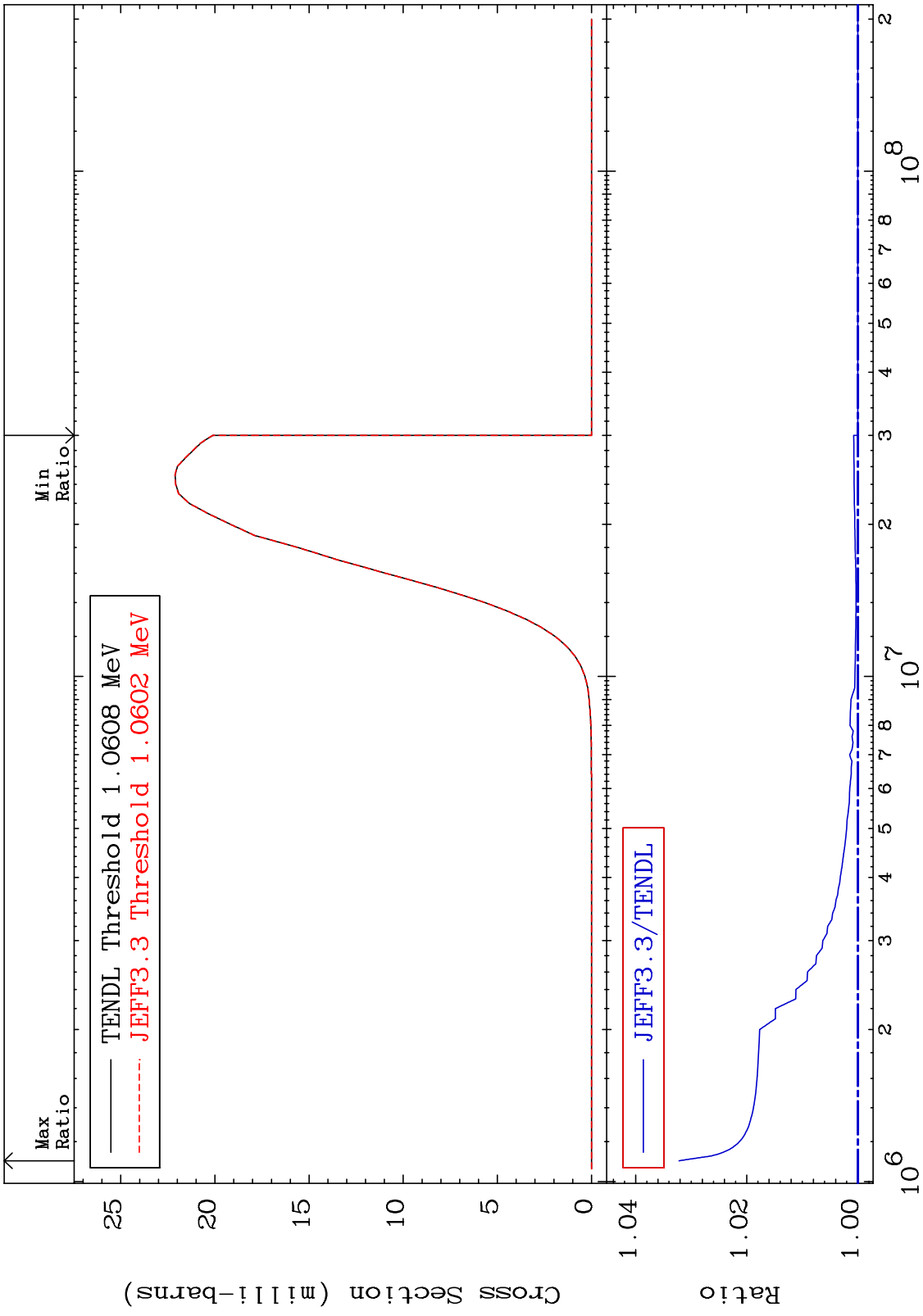
66-Dy-160

Cross Section

-99.58 To 1323. %

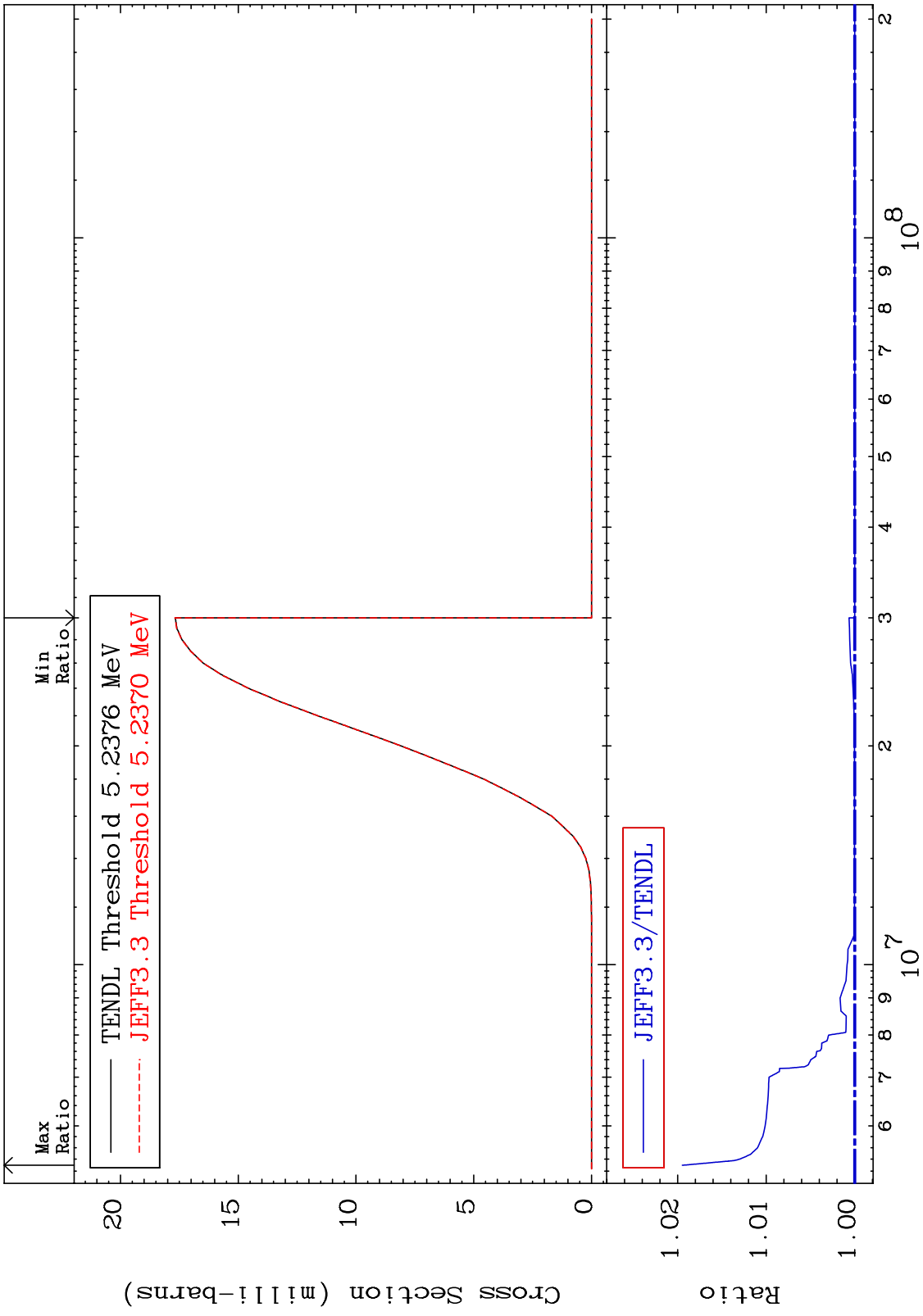


MAT 6637 (n,p) Cross Section 66-Dy-160 To 3.219 %

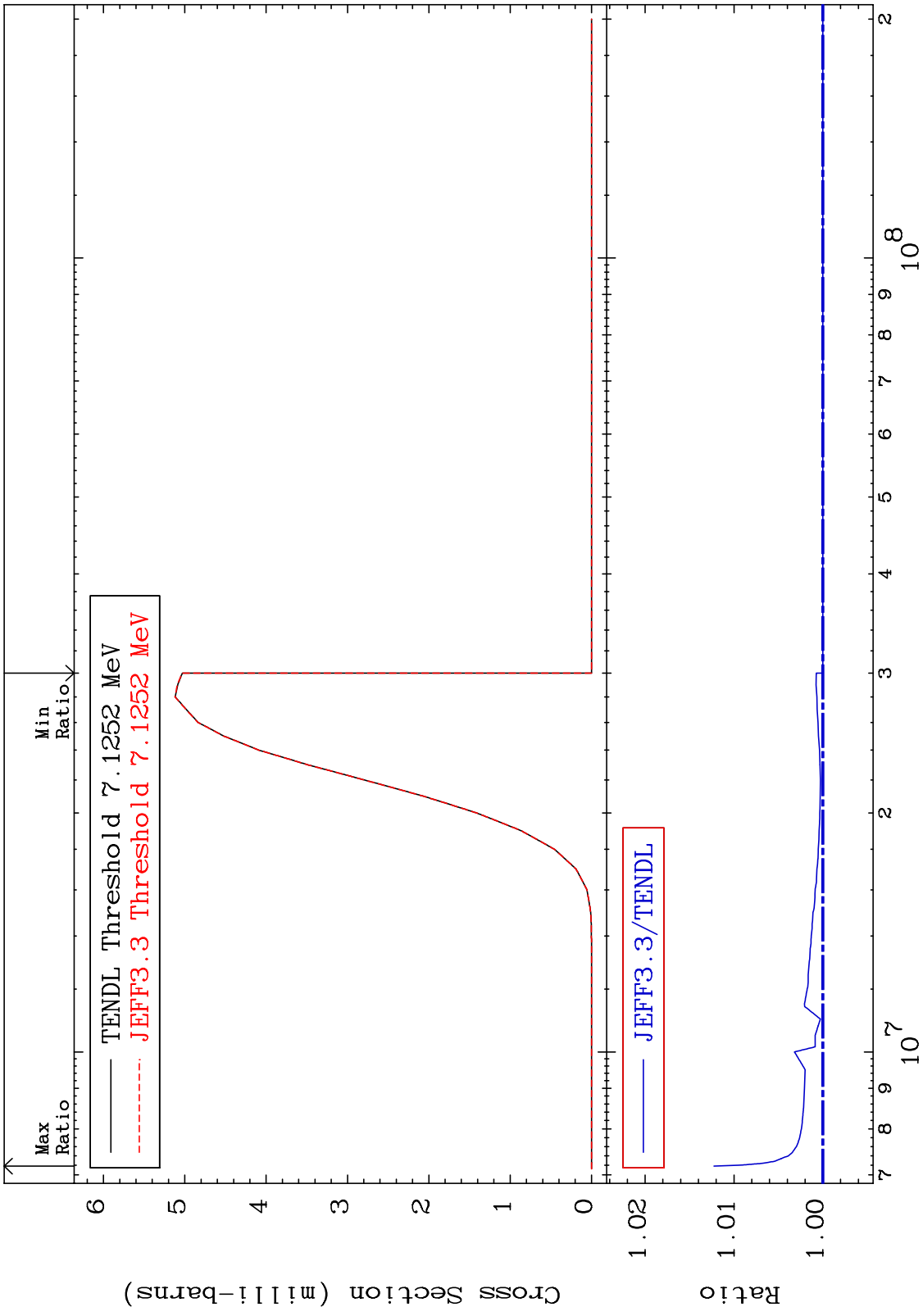


52 66-Dy-160

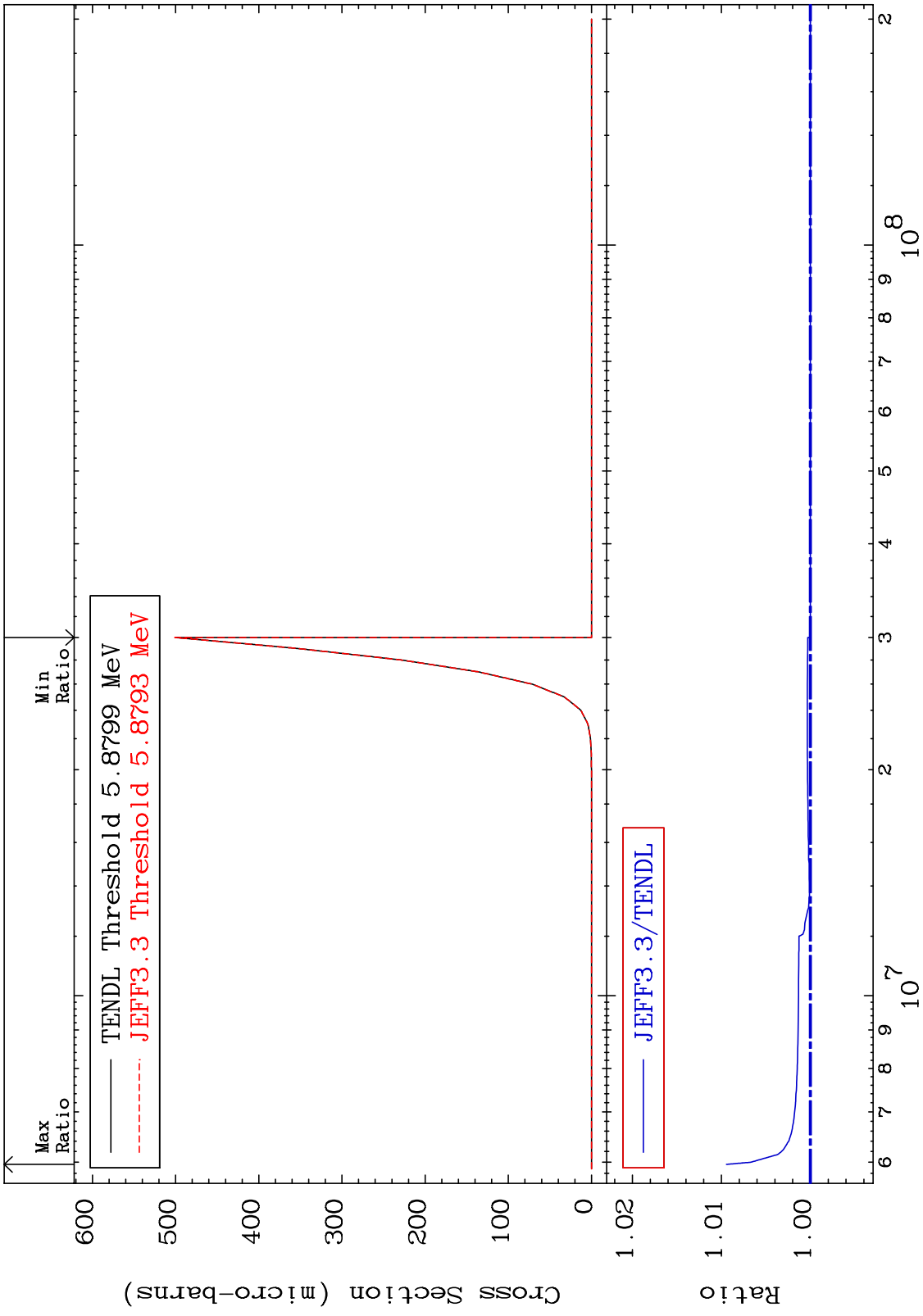
MAT 6637 (n,d) Cross Section 66-Dy-160 To 1.948 %



MAT 6637 (n,t) Cross Section 66-Dy-160 To 1.224 %



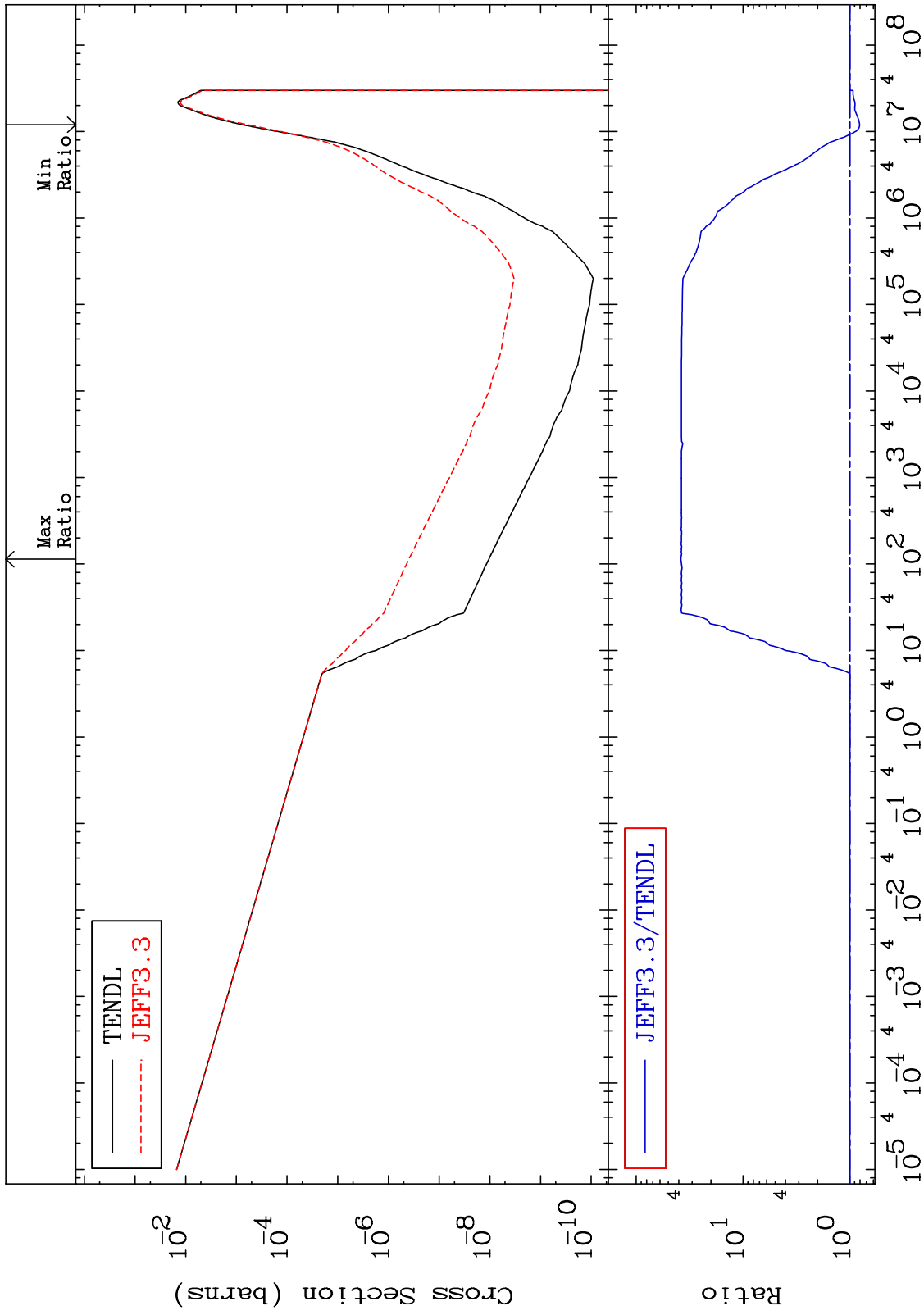
MAT 6637 (n, He-3) Cross Section 66-Dy-160 To 0.944 %

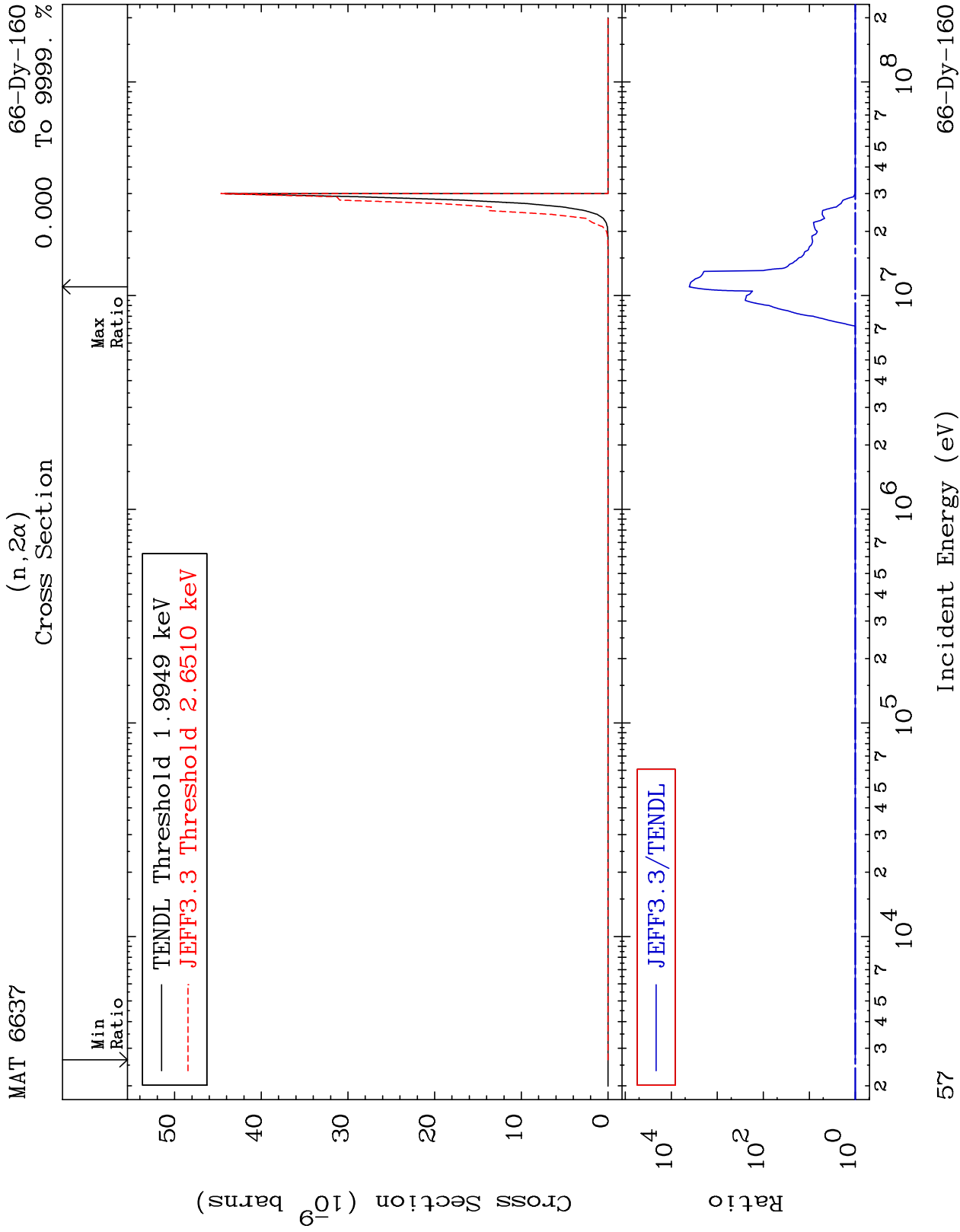


MAT 6637

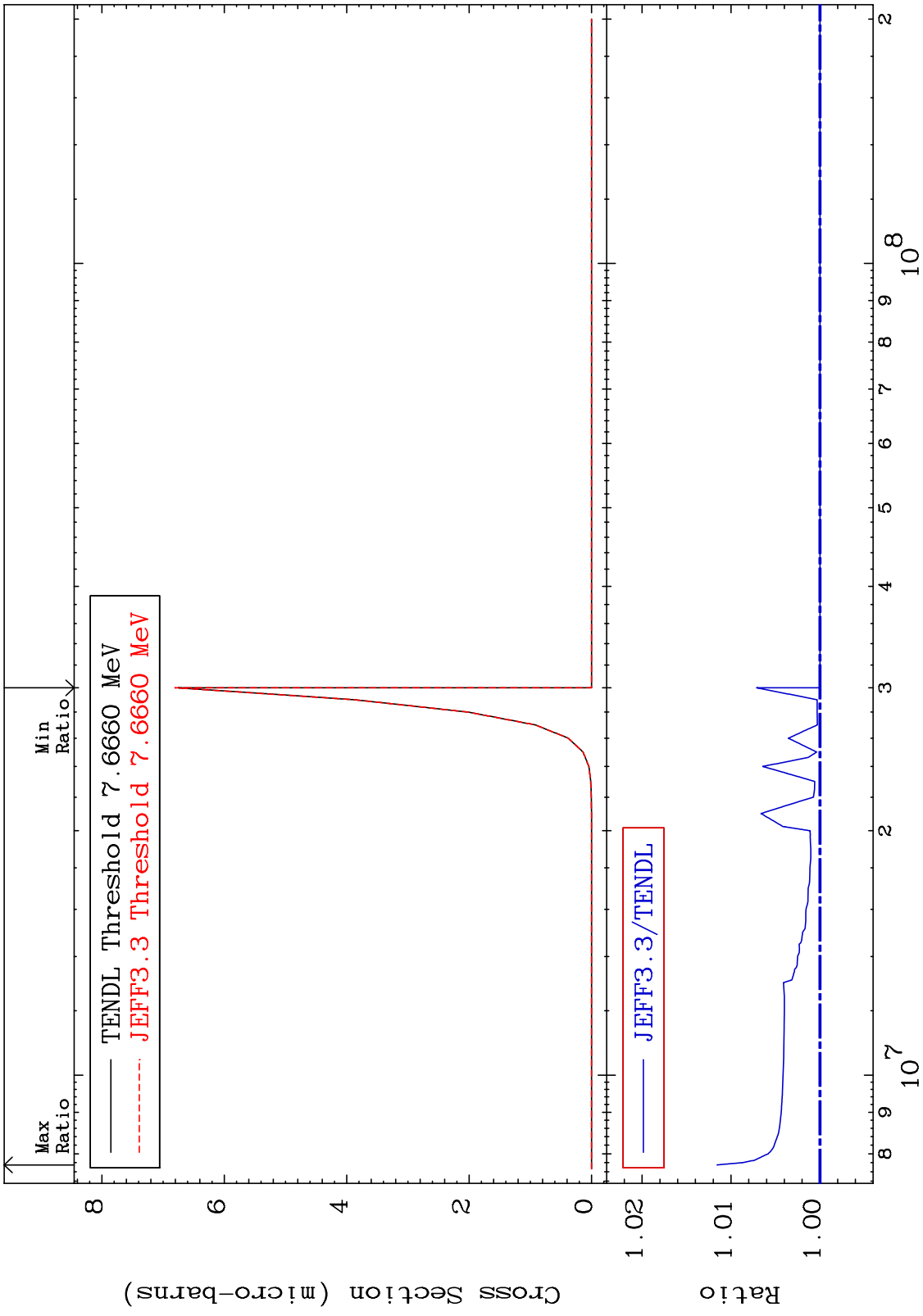
(n, α)
Cross Section

66-Dy-160
-19.21 To 3723. %





MAT 6637 (n,2p) Cross Section 66-Dy-160 To 1.158 %



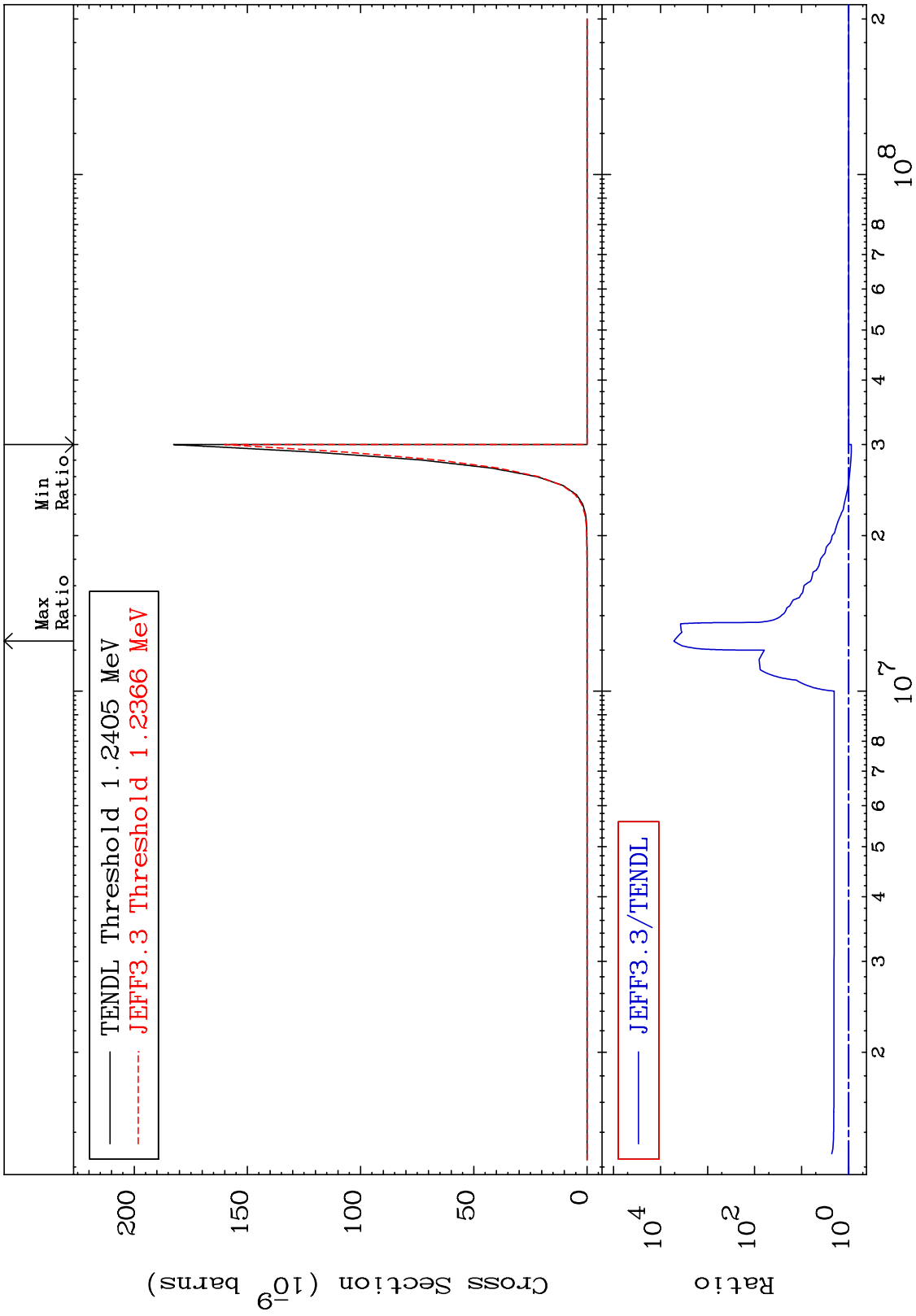
MAT 6637

(n, p) α

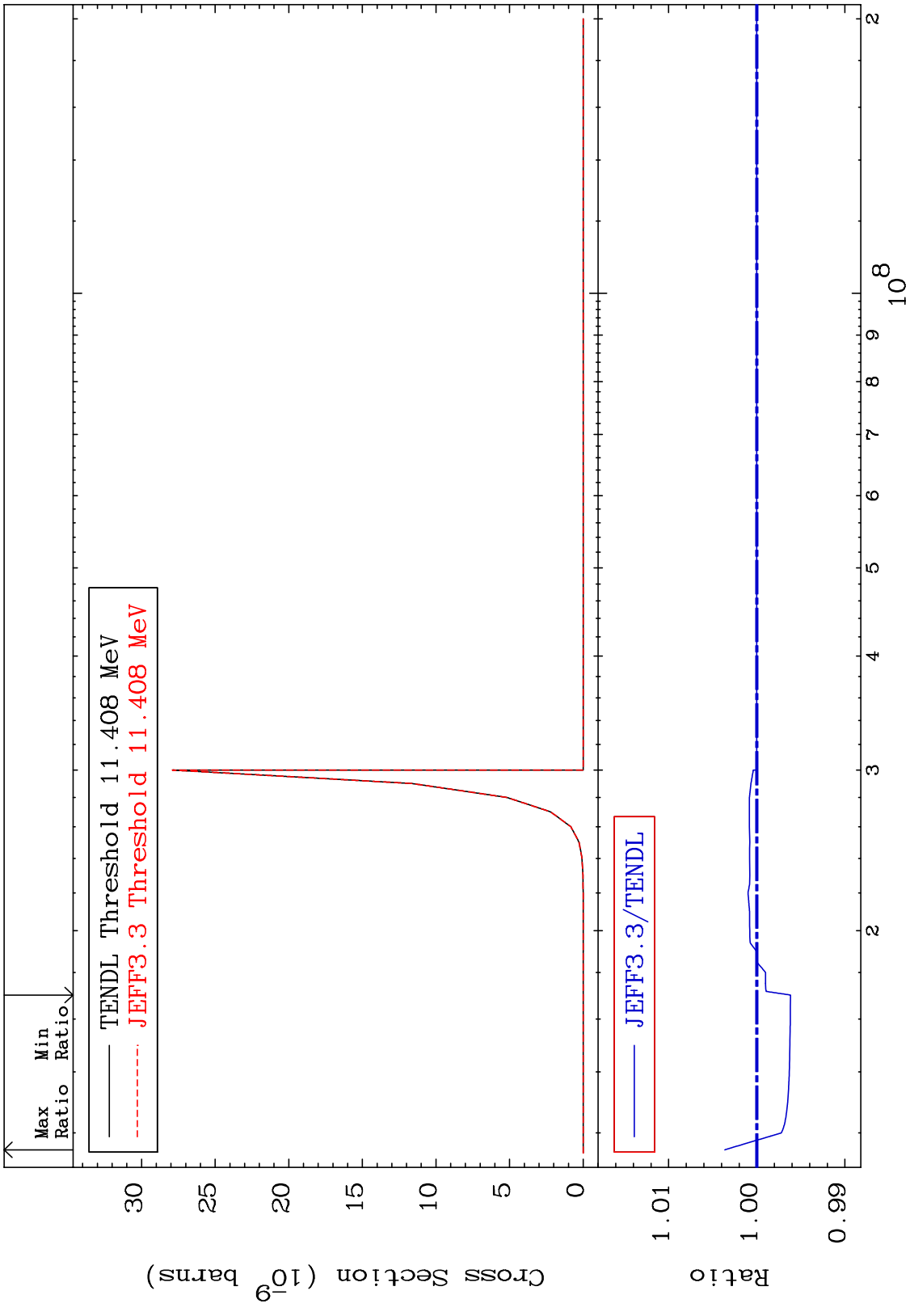
66-Dy-160

-12.37 To 9999. %

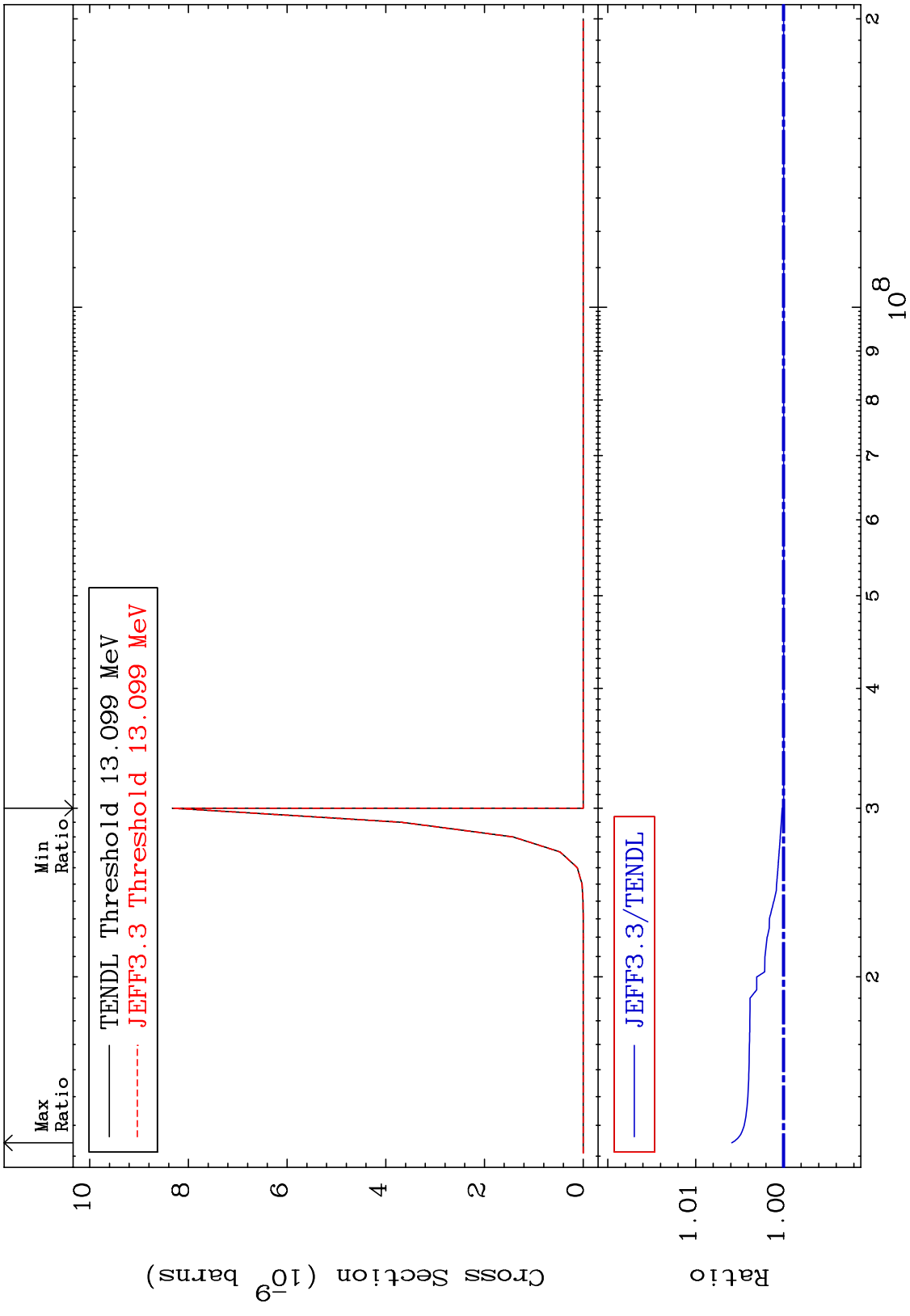
Cross Section



MAT 6637 (n,p) d 66-Dy-160
Cross Section -0.383 To 0.364 %



MAT 6637 (n,p) t 66-Dy-160
 Cross Section 0.000 To 0.590 %



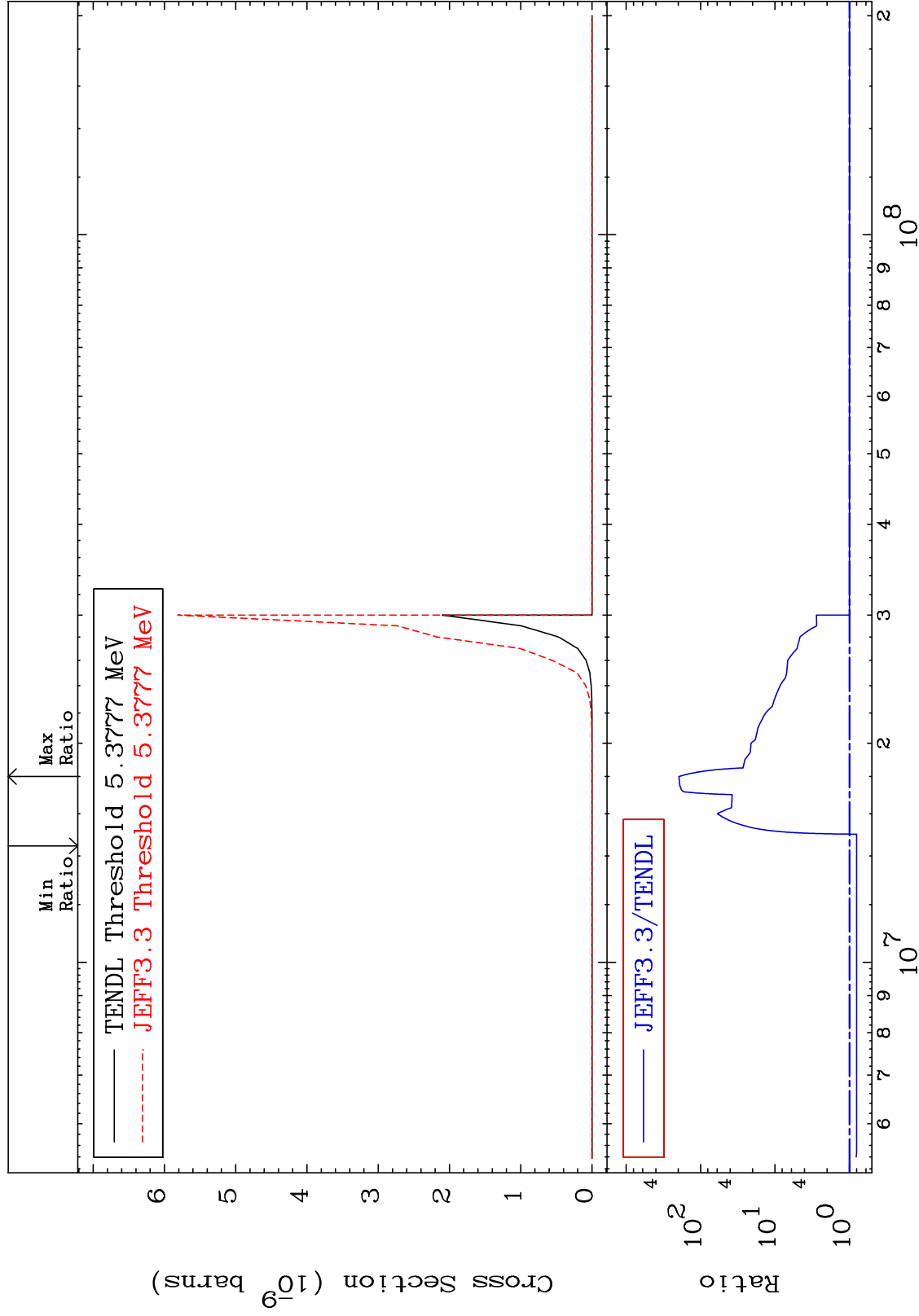
MAT 6637

(n,d) α

66-Dy-160

Cross Section

-20.20 To 9999. %

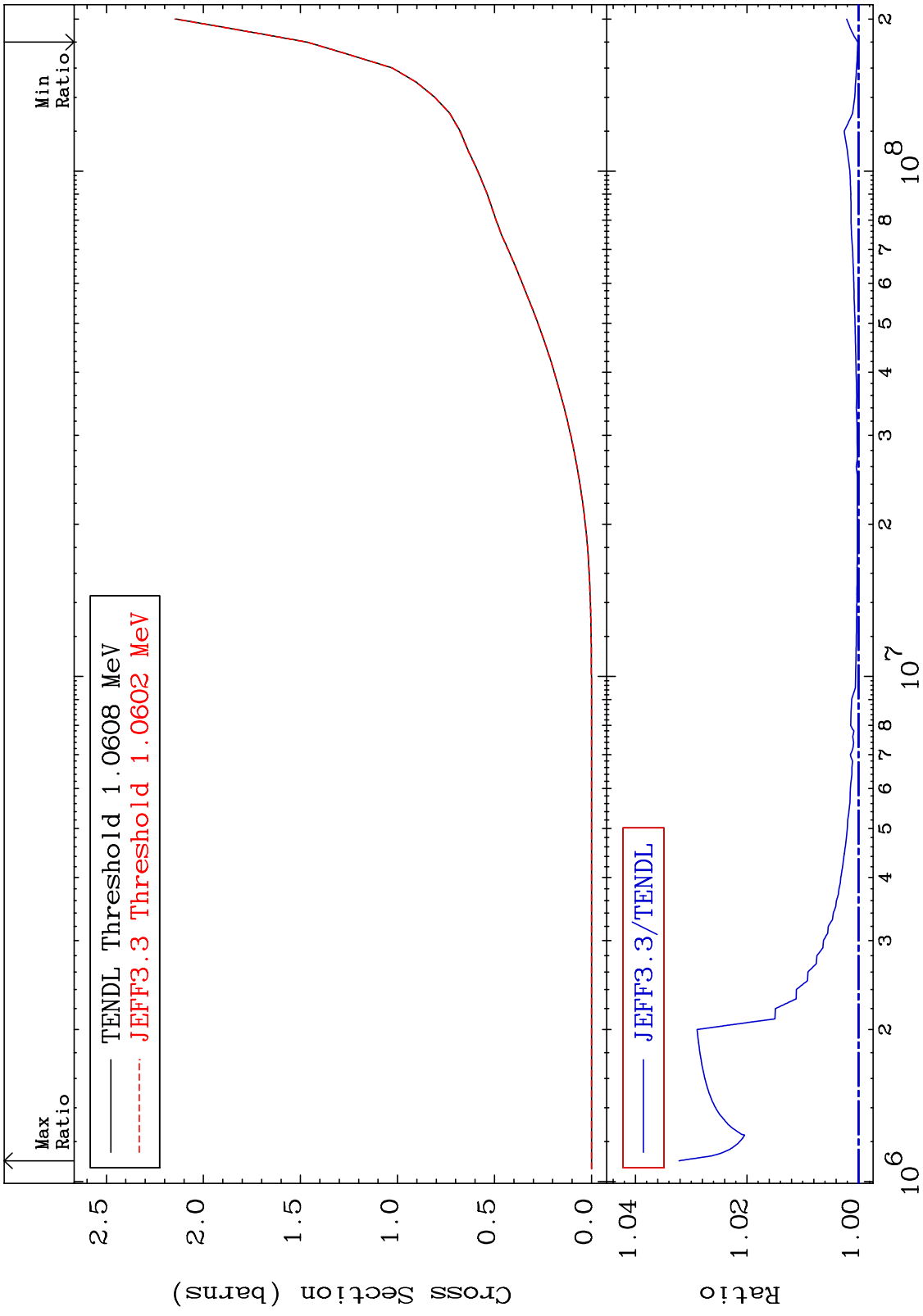


62

Incident Energy (eV)

66-Dy-160

MAT 6637 Hydrogen Production Cross Section 66-Dy-160 To 3.219 %

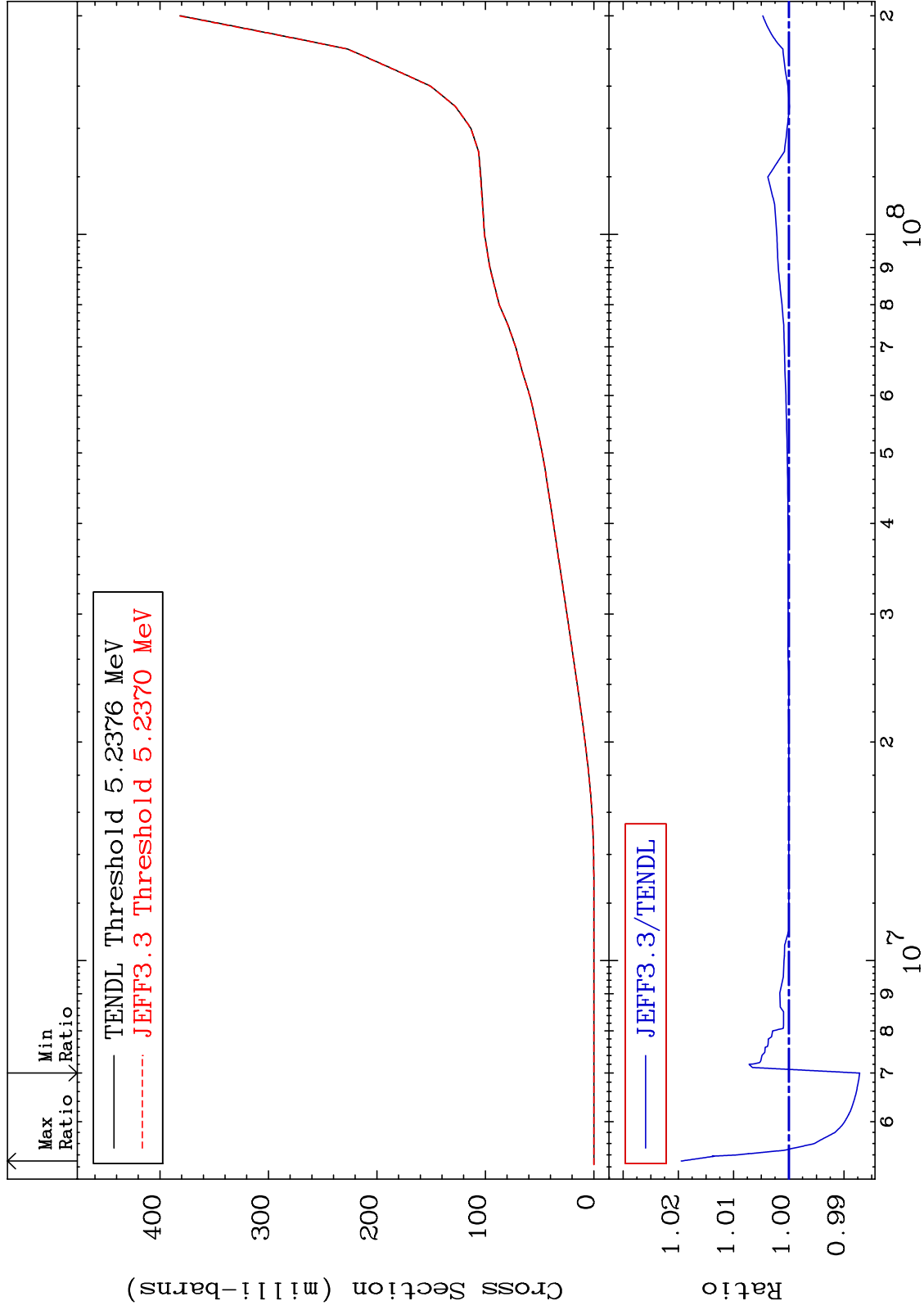


63 66-Dy-160

MAT 6637

Deuterium Production
Cross Section

66-Dy-160
-1.285 To 1.948 %

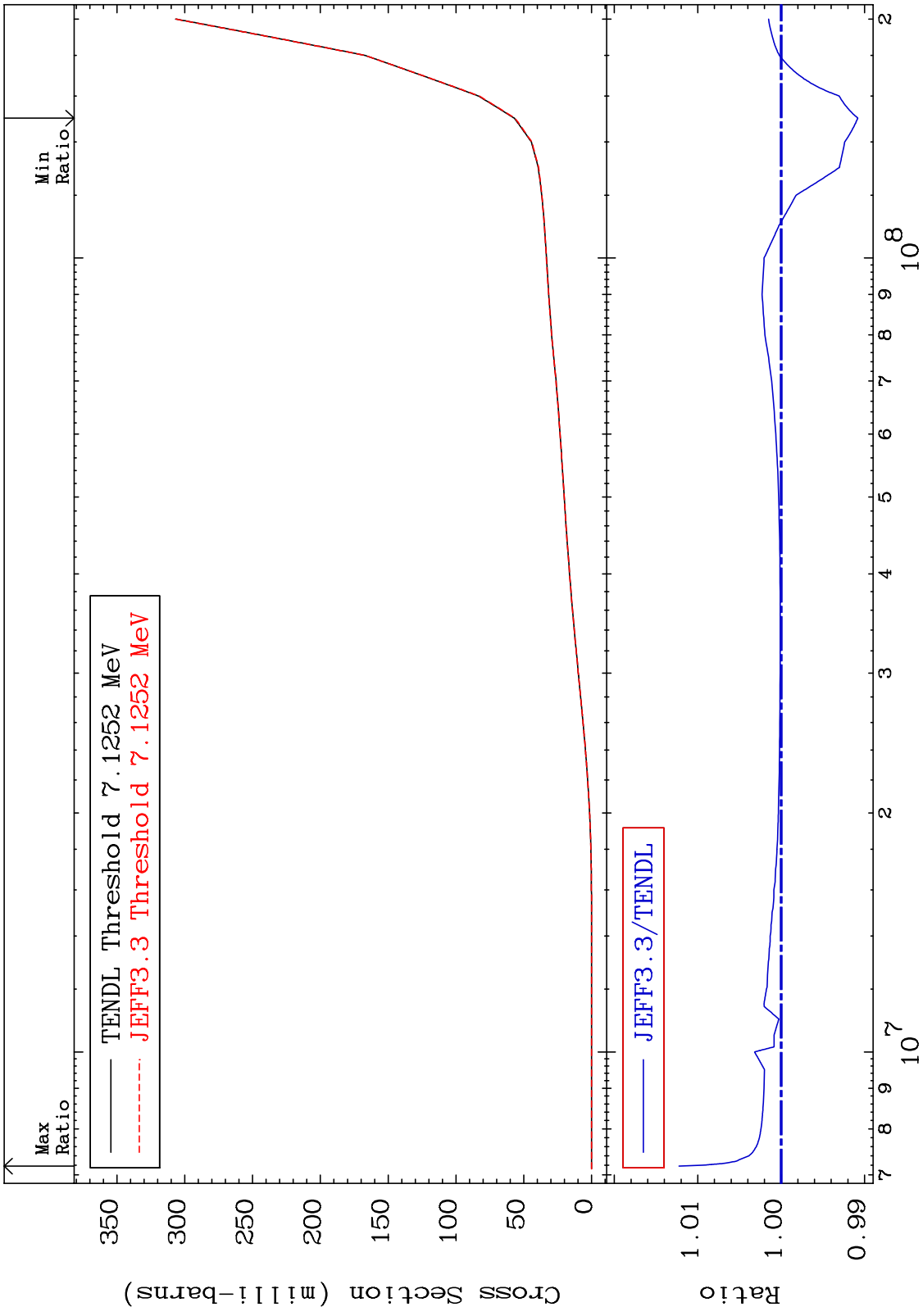


64

Incident Energy (eV)

66-Dy-160

MAT 6637 Tritium Production Cross Section 66-Dy-160
 -0.919 To 1.224 %

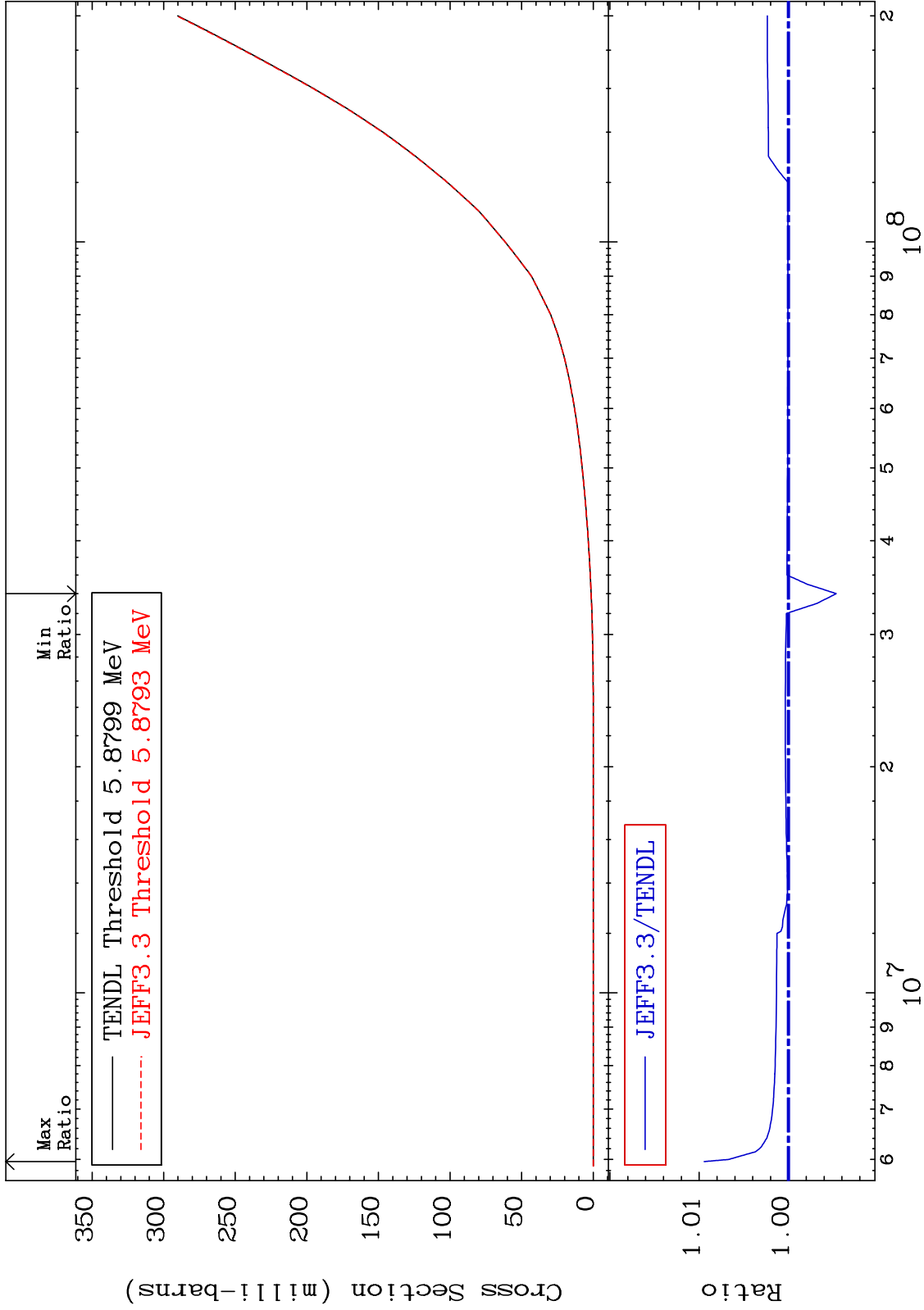


65 66-Dy-160

MAT 6637

He-3 Production
Cross Section

66-Dy-160
-0.536 To 0.944 %



66

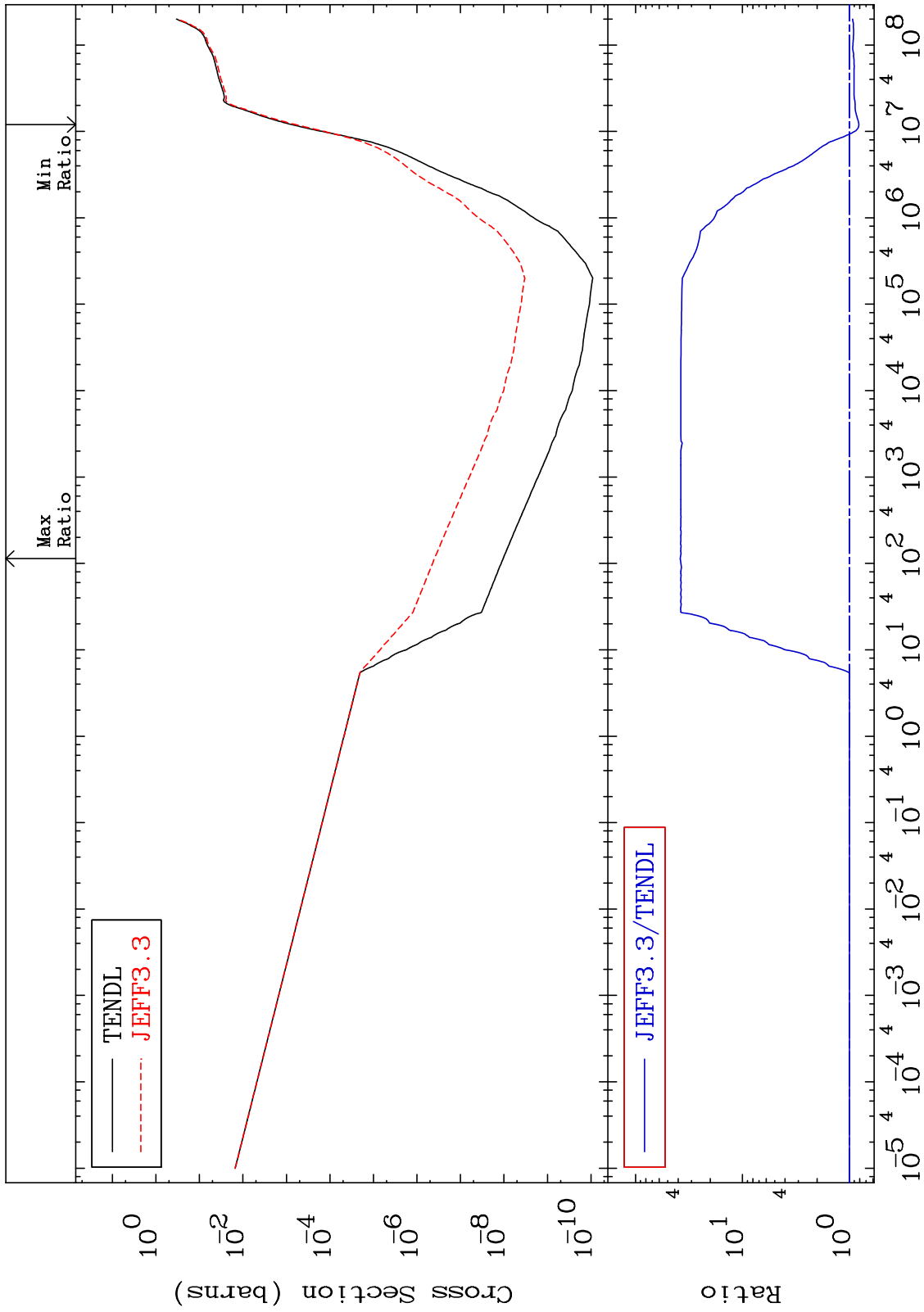
Incident Energy (eV)

66-Dy-160

MAT 6637

He-4 Production
Cross Section

66-Dy-160
-18.50 To 3723. %

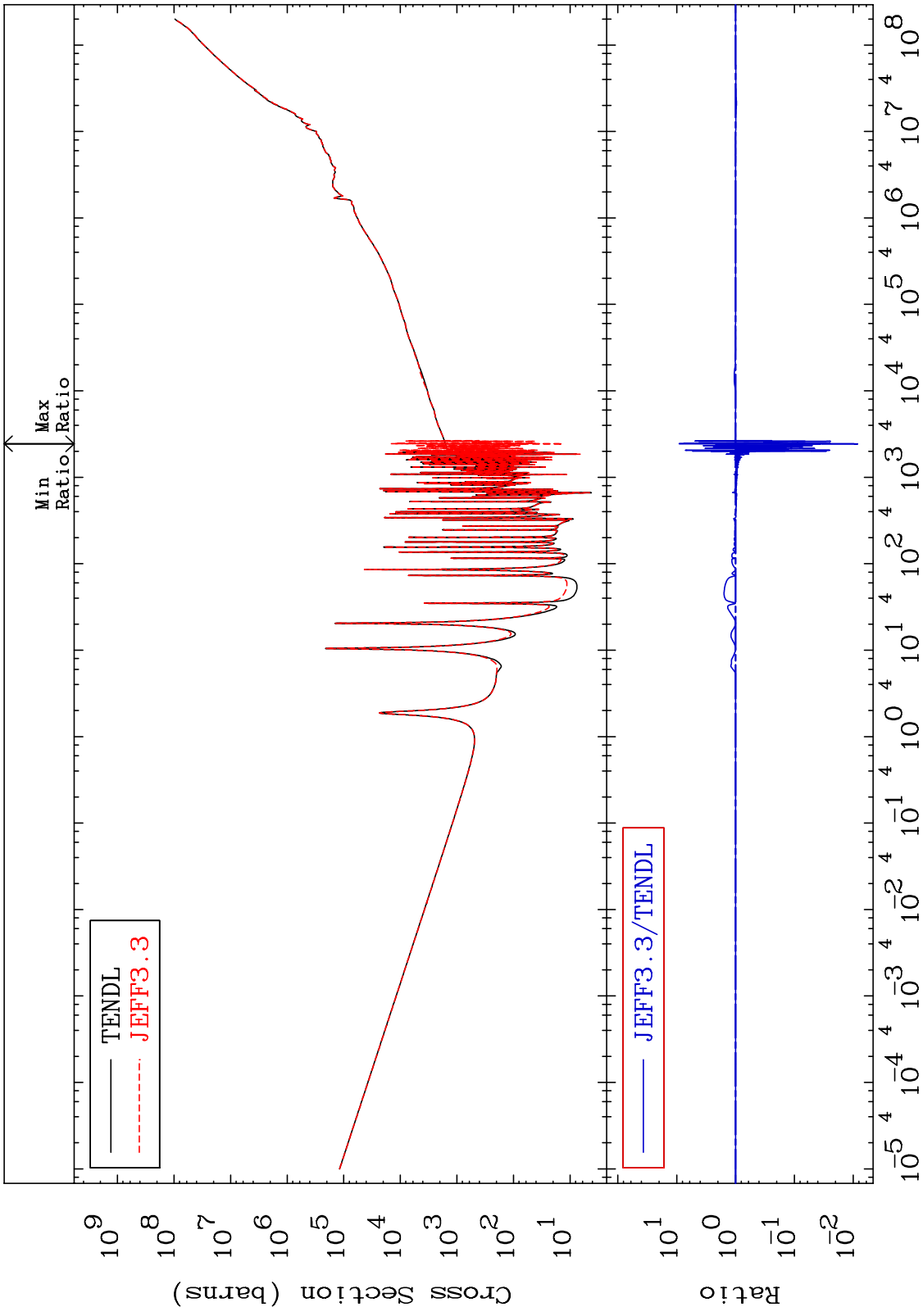


67

Incident Energy (eV)

66-Dy-160

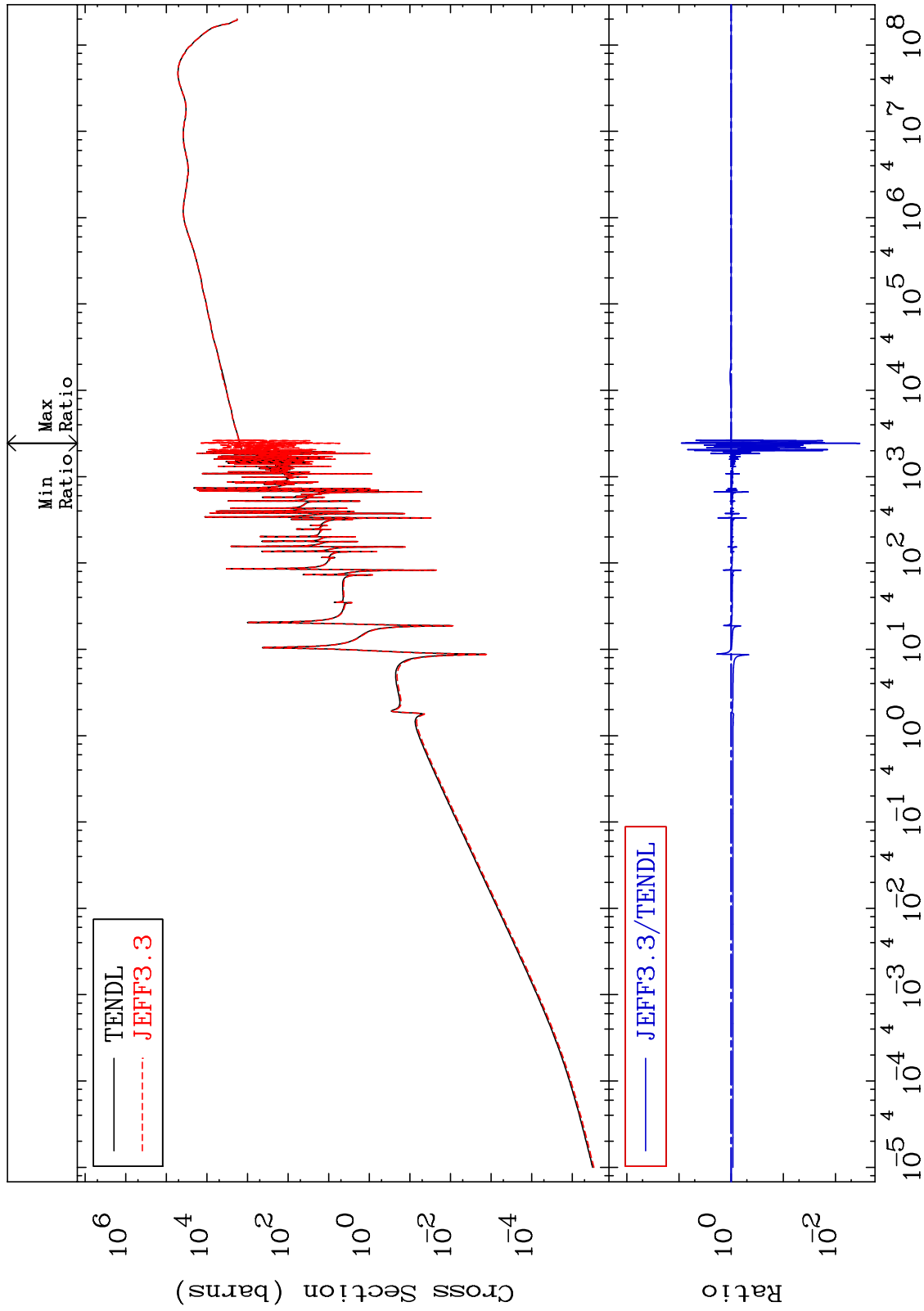
MAT 6637 Kerma total (eV-barns) 66-Dy-160
 Cross Section -99.17 To 812.1 %



MAT 6637

Kerma elastic
Cross Section

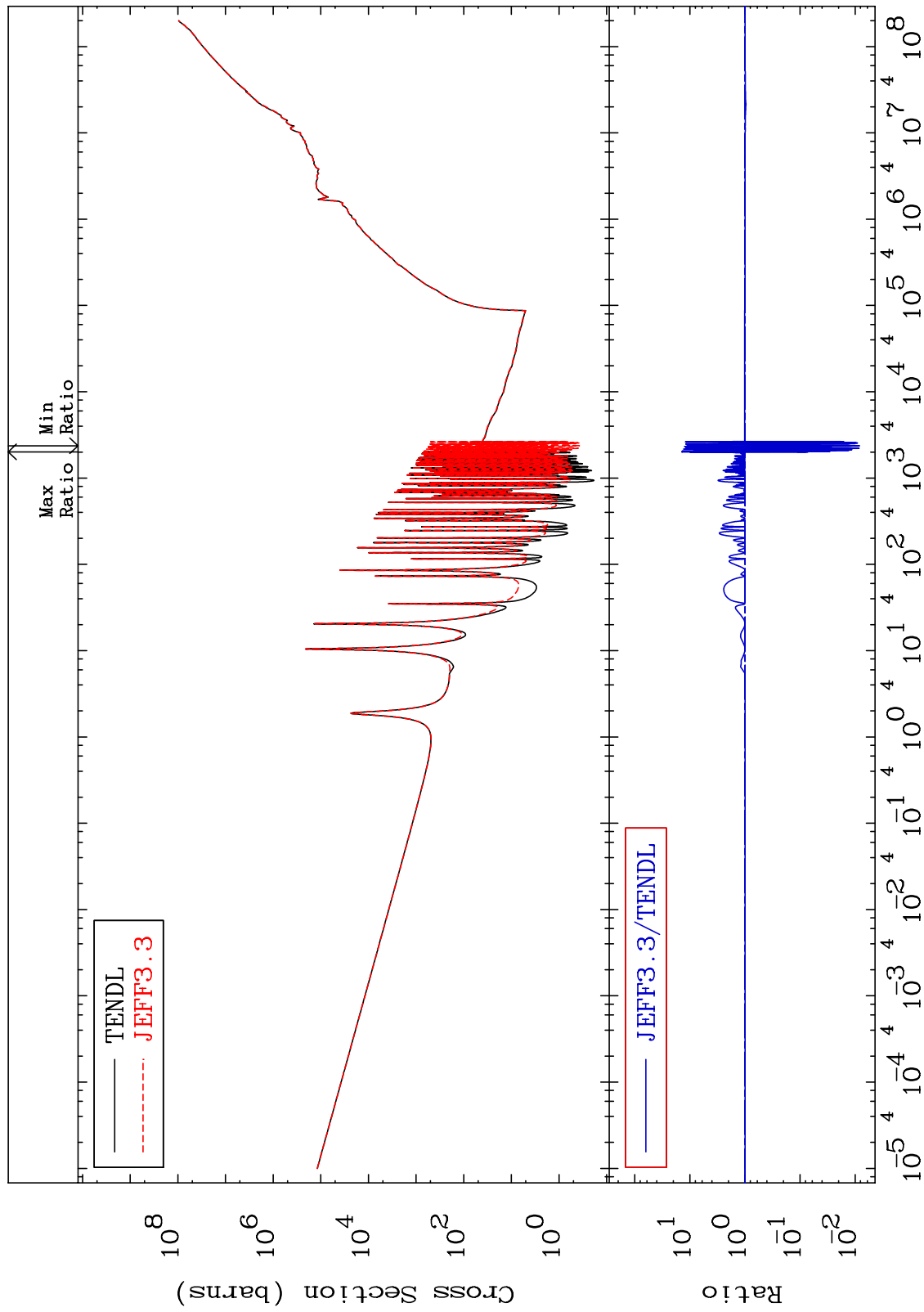
66-Dy-160
-99.66 To 806.3 %



MAT 6637

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-160
-99.18 To 1323. %

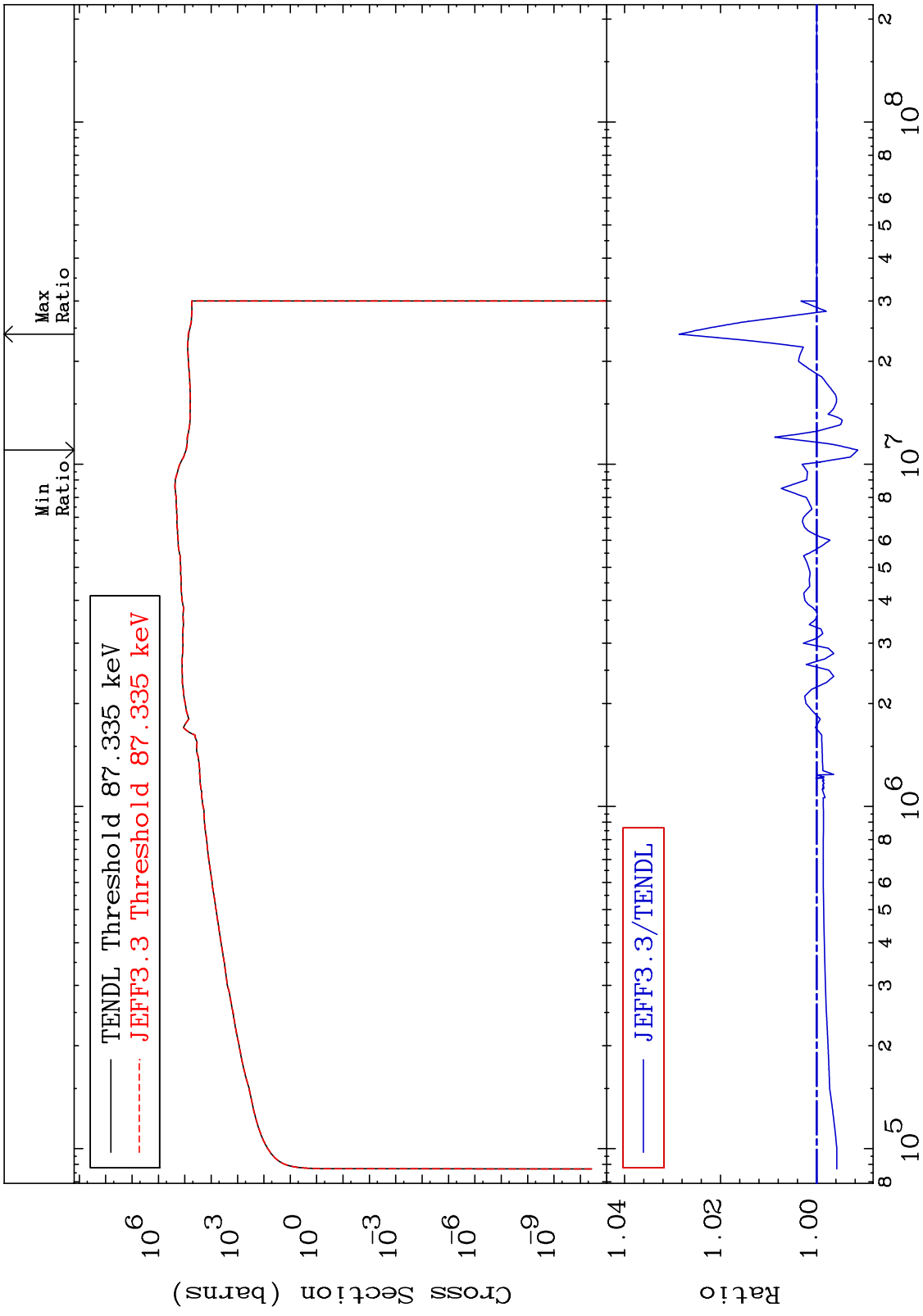


70

Incident Energy (eV)

66-Dy-160

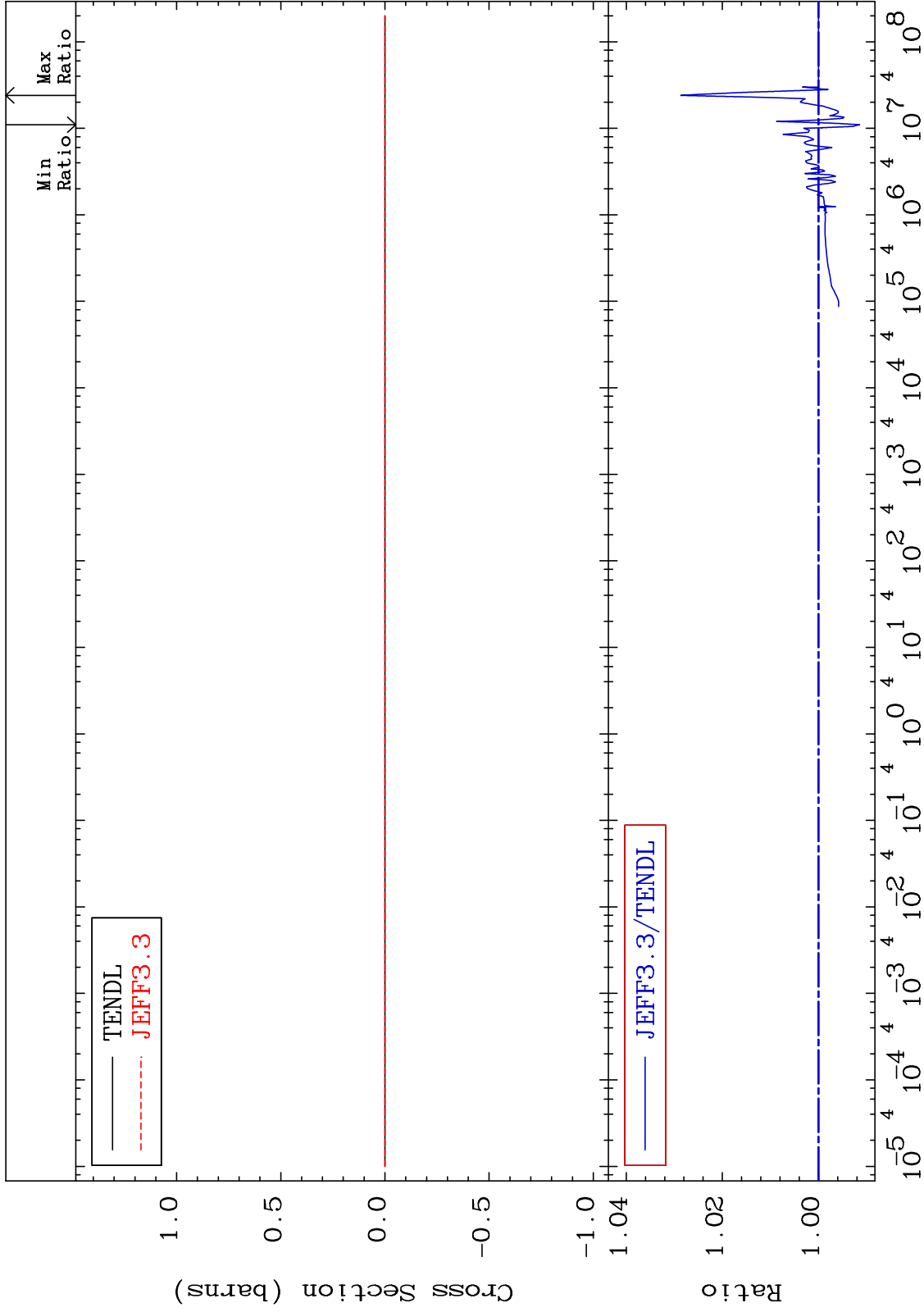
MAT 6637 Kerma inelastic (mt51-91) 66-Dy-160
Cross Section -0.857 To 2.864 %



MAT 6637

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

66-Dy-160
-0.857 To 2.864 %



72

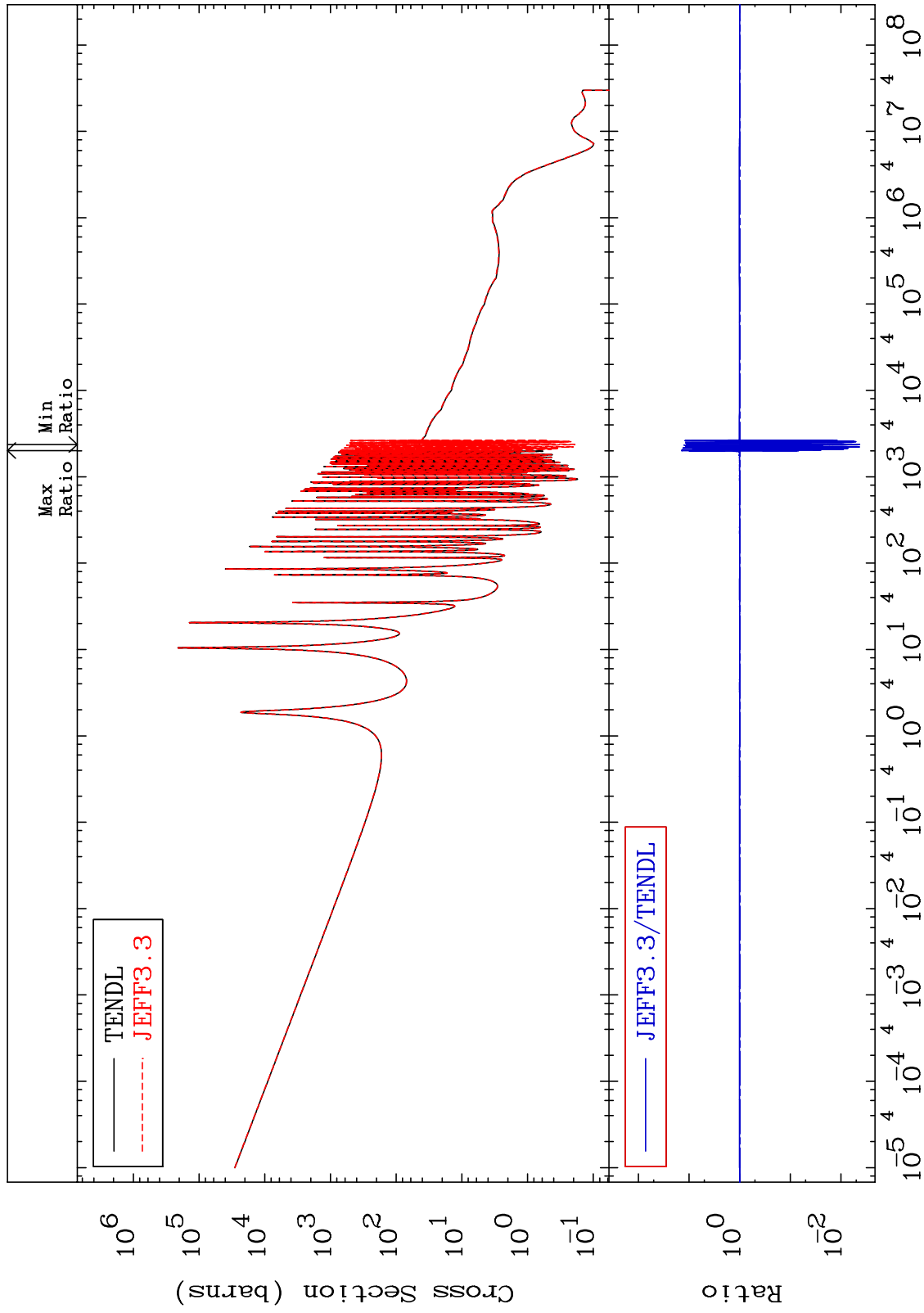
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma capture (mt102)
Cross Section

66-Dy-160
-99.58 To 1323. %



73

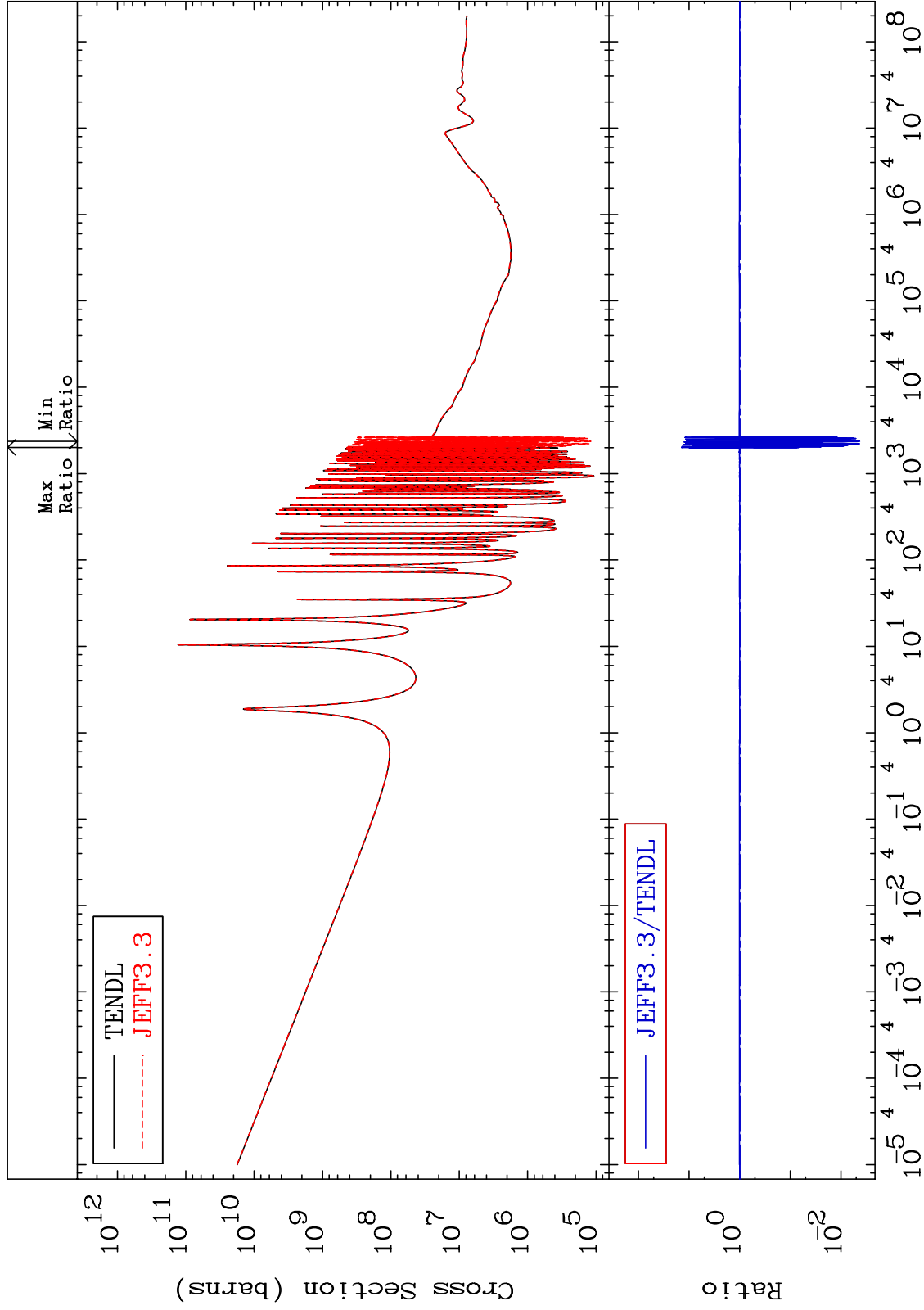
Incident Energy (eV)

66-Dy-160

MAT 6637

Total photon (eV-barns)
Cross Section

66-Dy-160
-99.58 To 1323. %



74

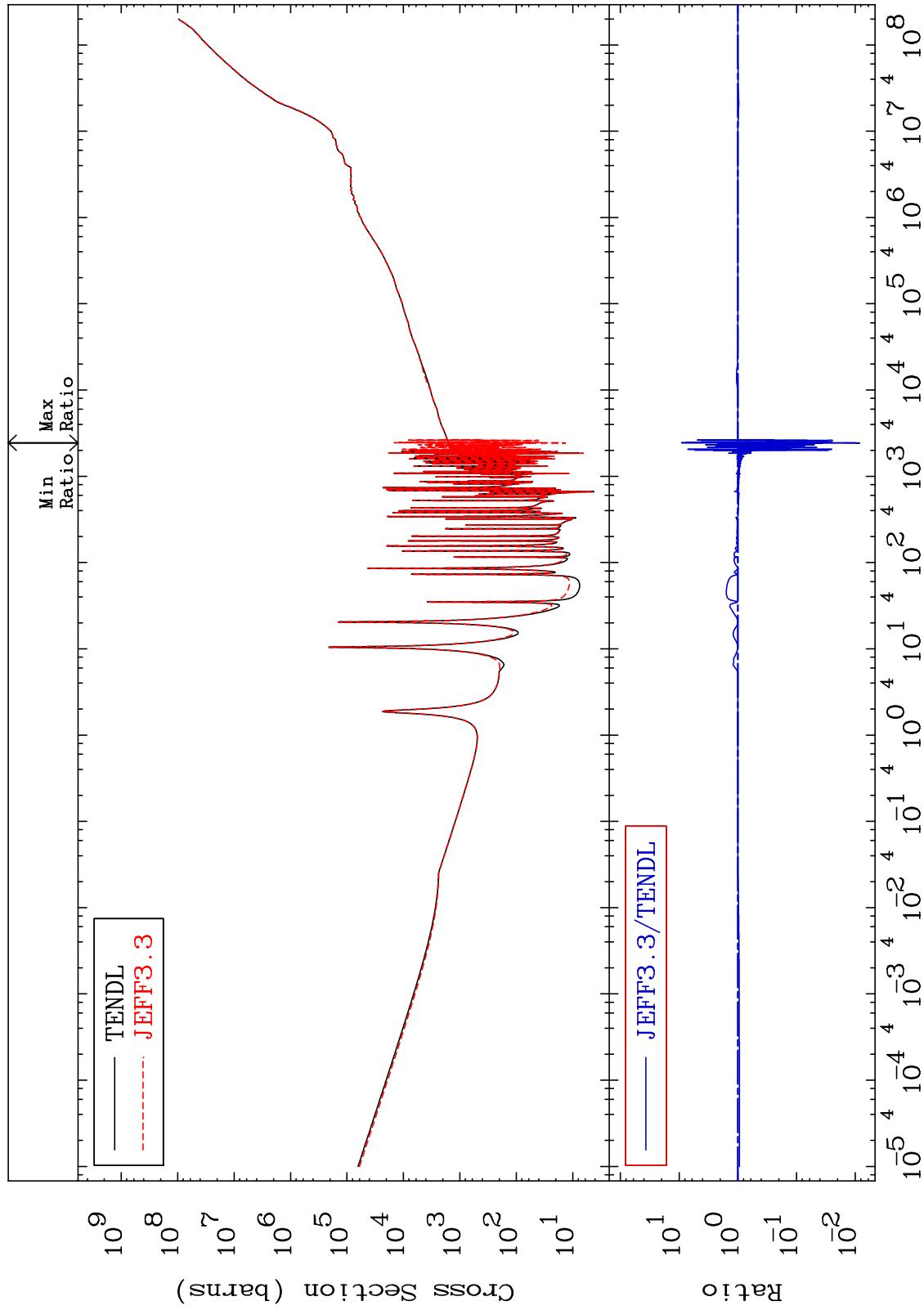
Incident Energy (eV)

66-Dy-160

MAT 6637

Total kinematic kerma (high limit)
Cross Section

66-Dy-160
-99.17 To 812.1 %



75

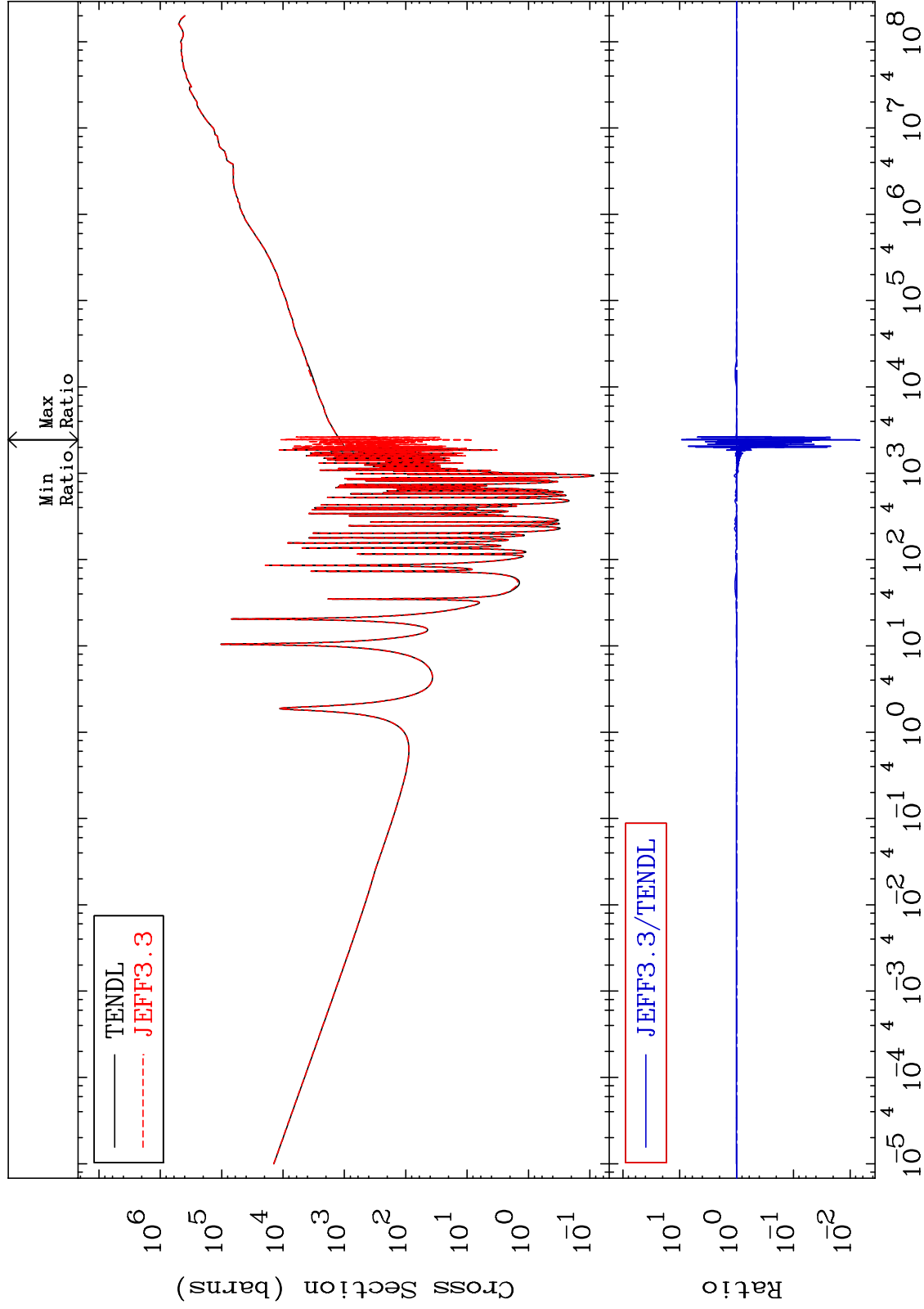
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa total (eV-barns)
Cross Section

66-Dy-160
-99.32 To 832.2 %



76

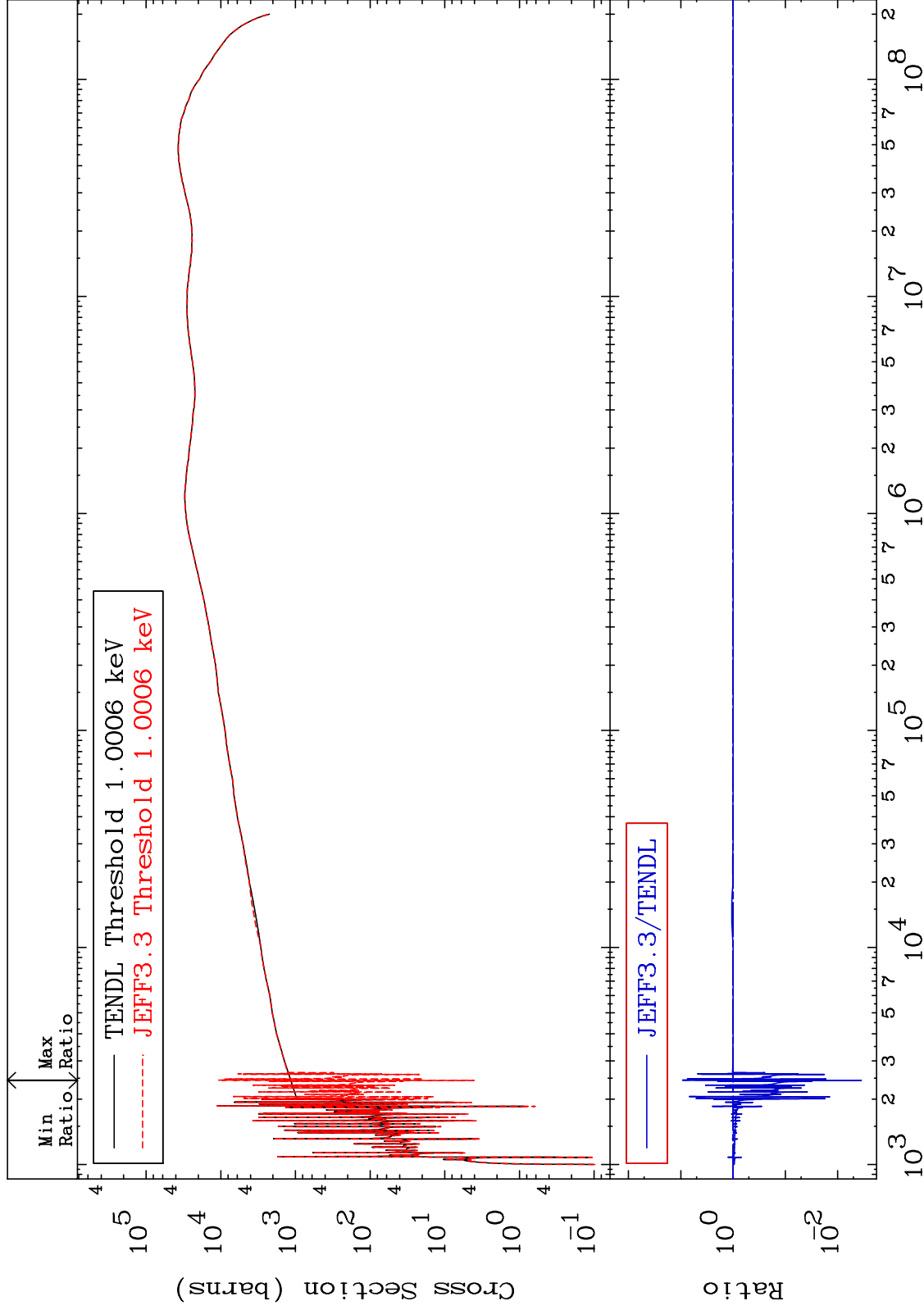
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa elastic (mt2)
Cross Section

66-Dy-160
-99.65 To 828.7 %



77

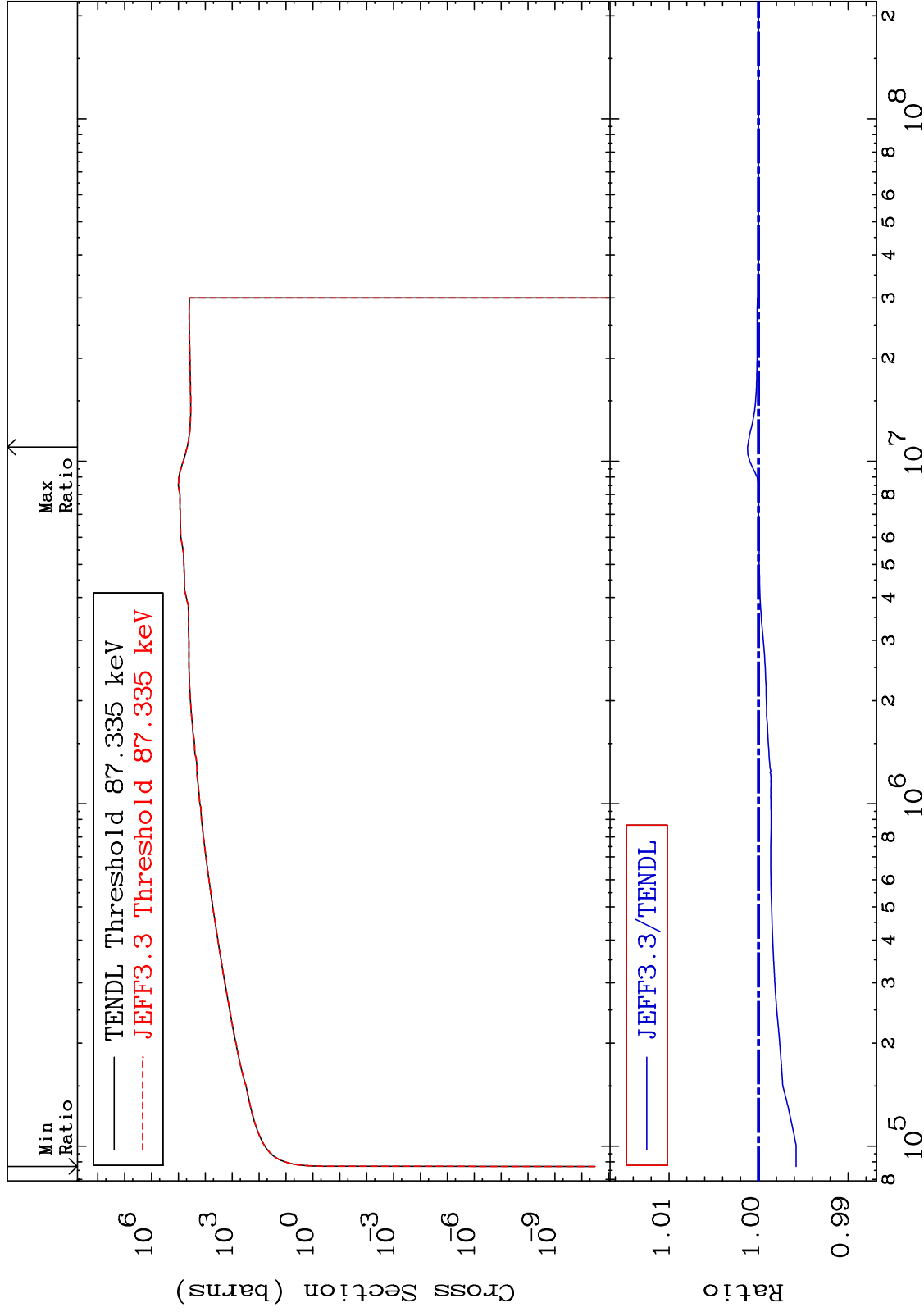
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa inelastic (mt51-91)
Cross Section

66-Dy-160
-0.421 To 0.122 %



78

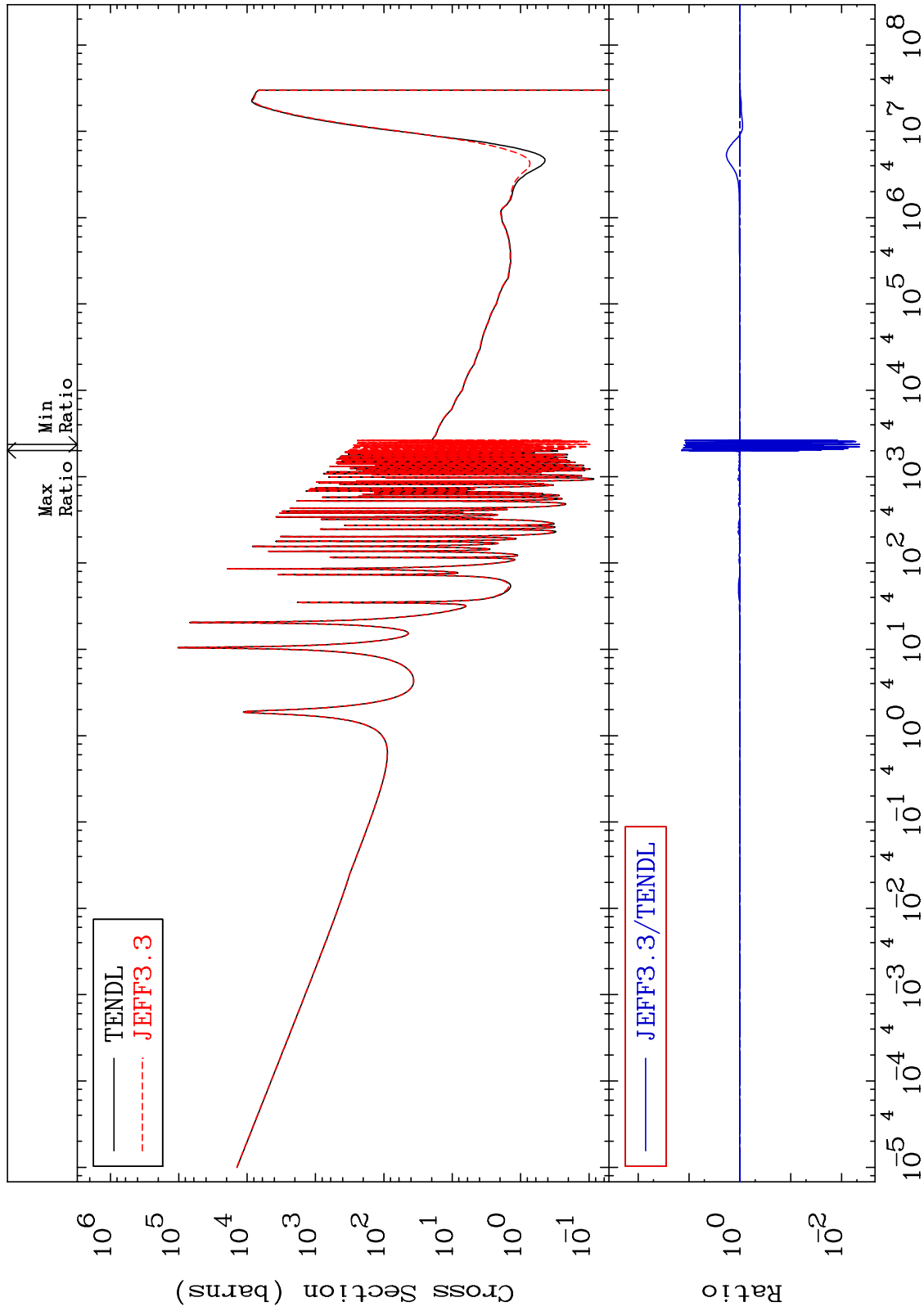
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-160
-99.56 To 1323. %

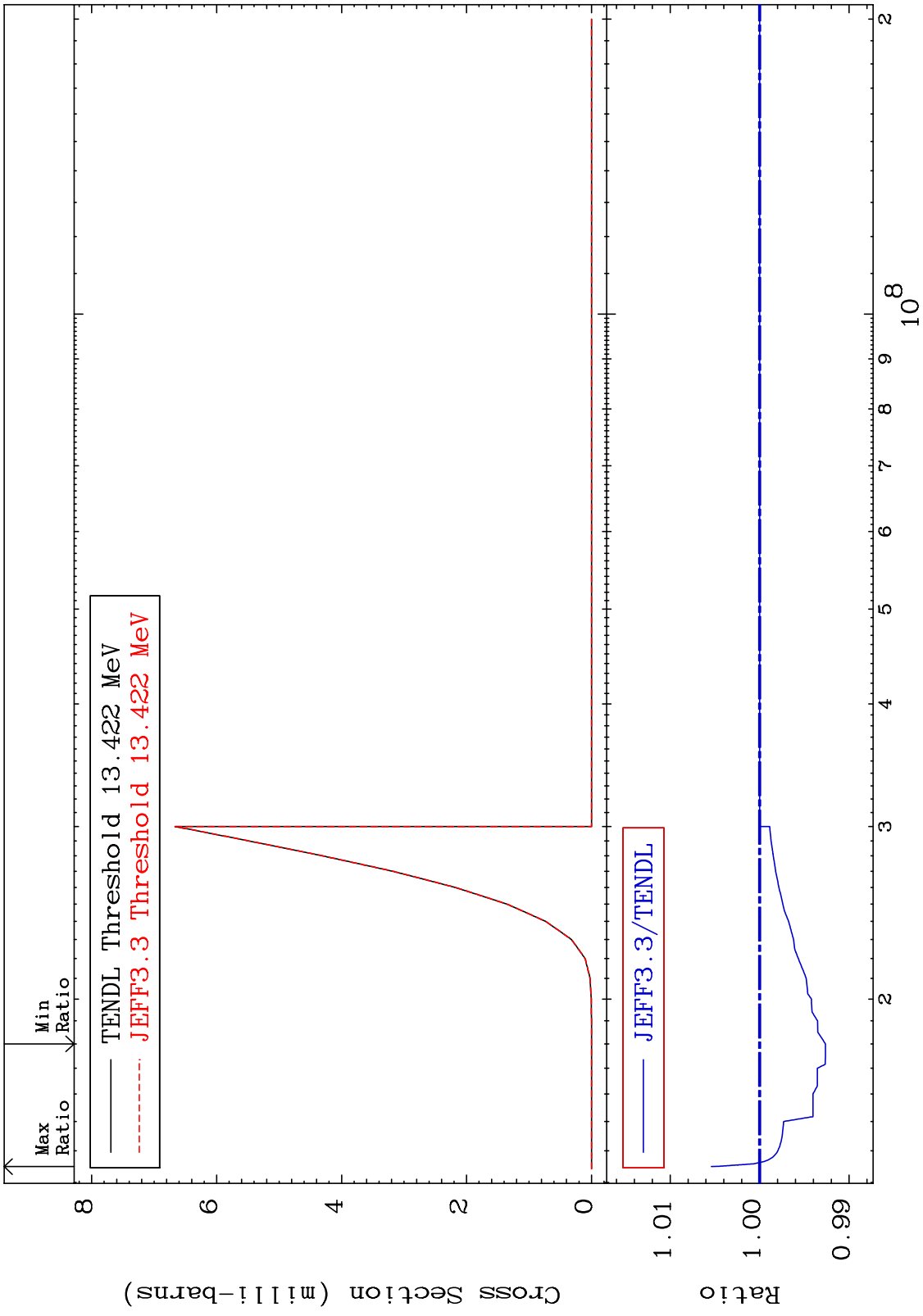


79

Incident Energy (eV)

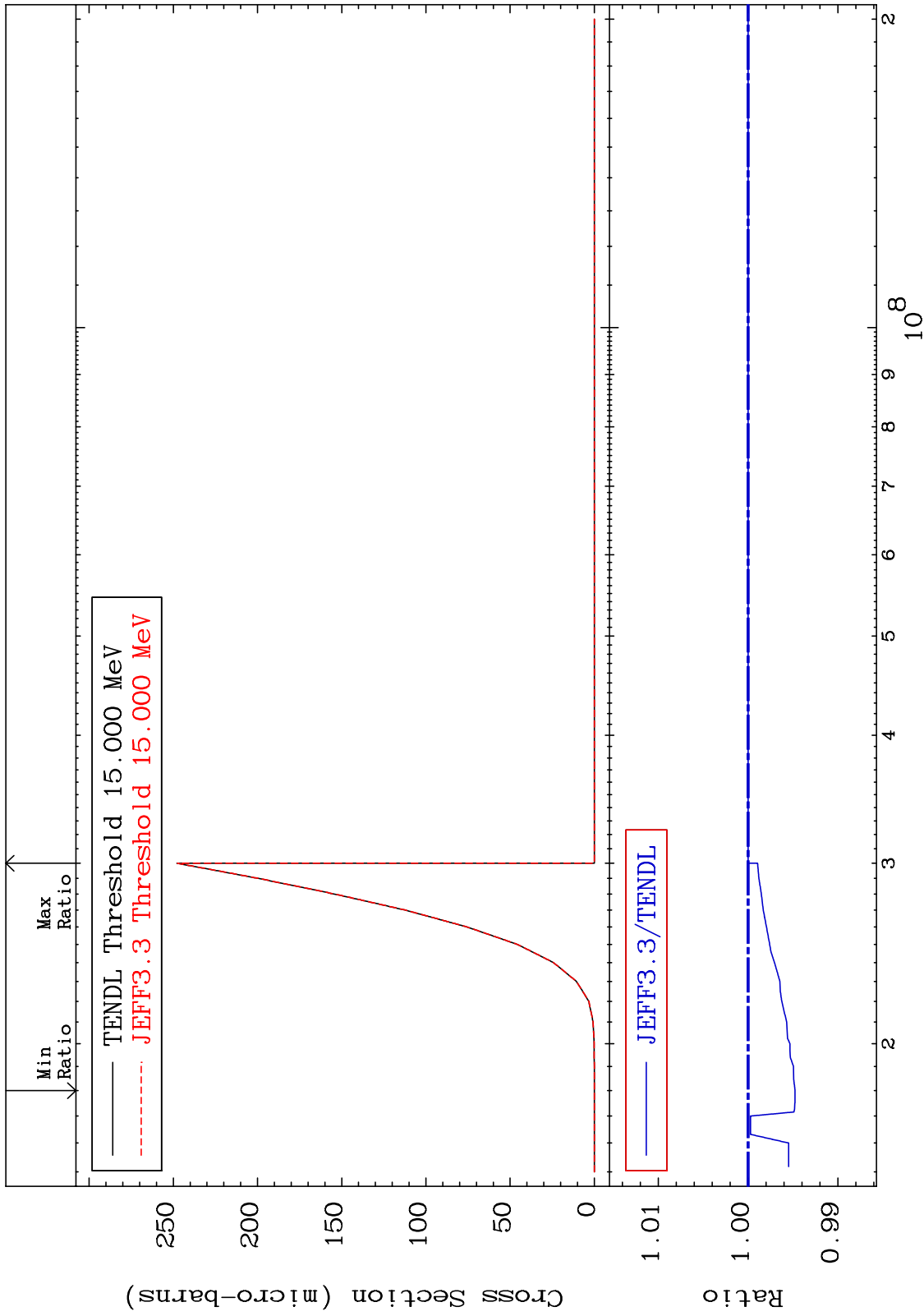
66-Dy-160

MAT 6637 (n, n') d:65-Tb-158g 66-Dy-160
 Radionuclide Production Cross Section -0.735 To 0.539 %

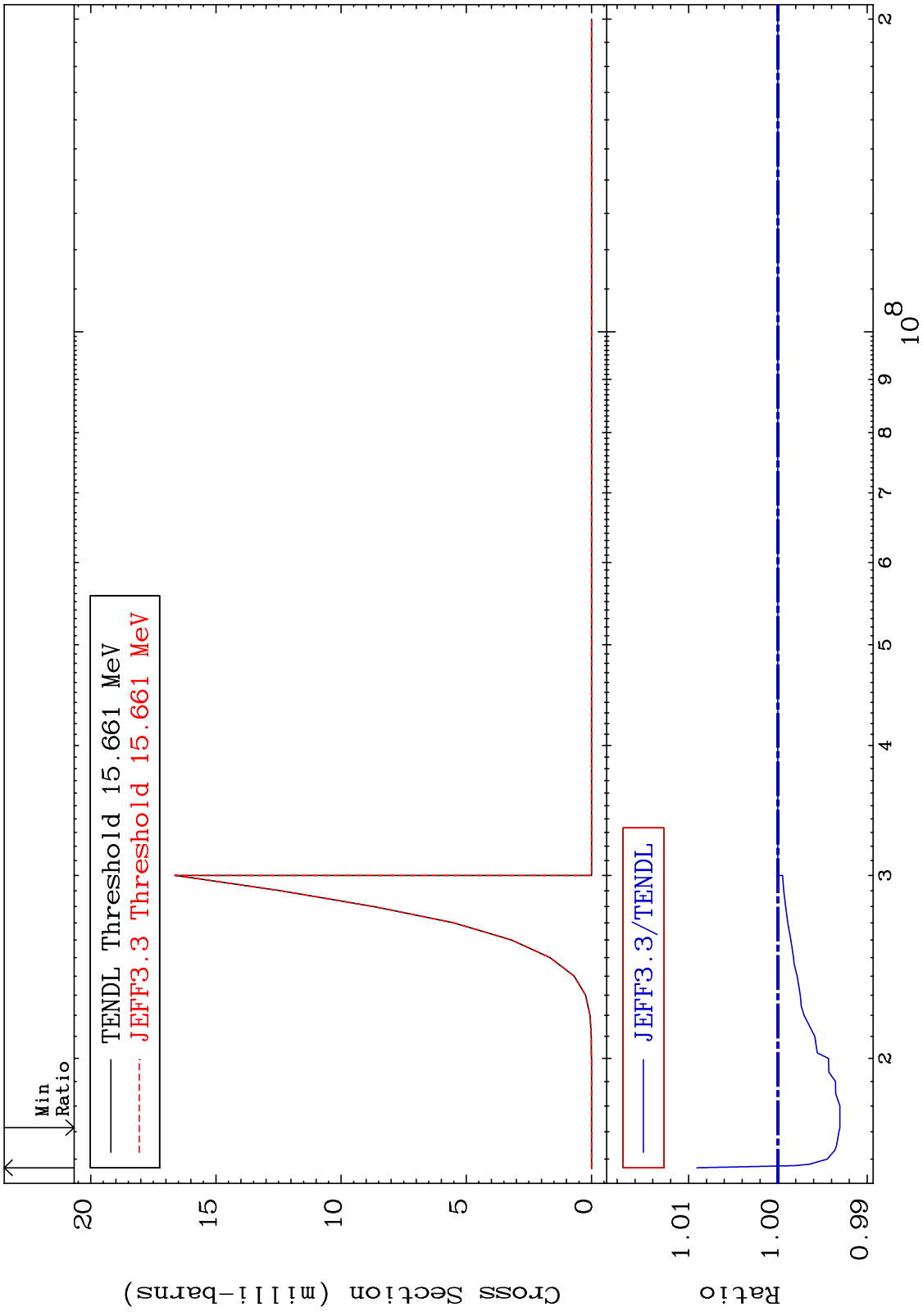


MAT 6637 (n,n') d:65-Tb-158m3 66-Dy-160

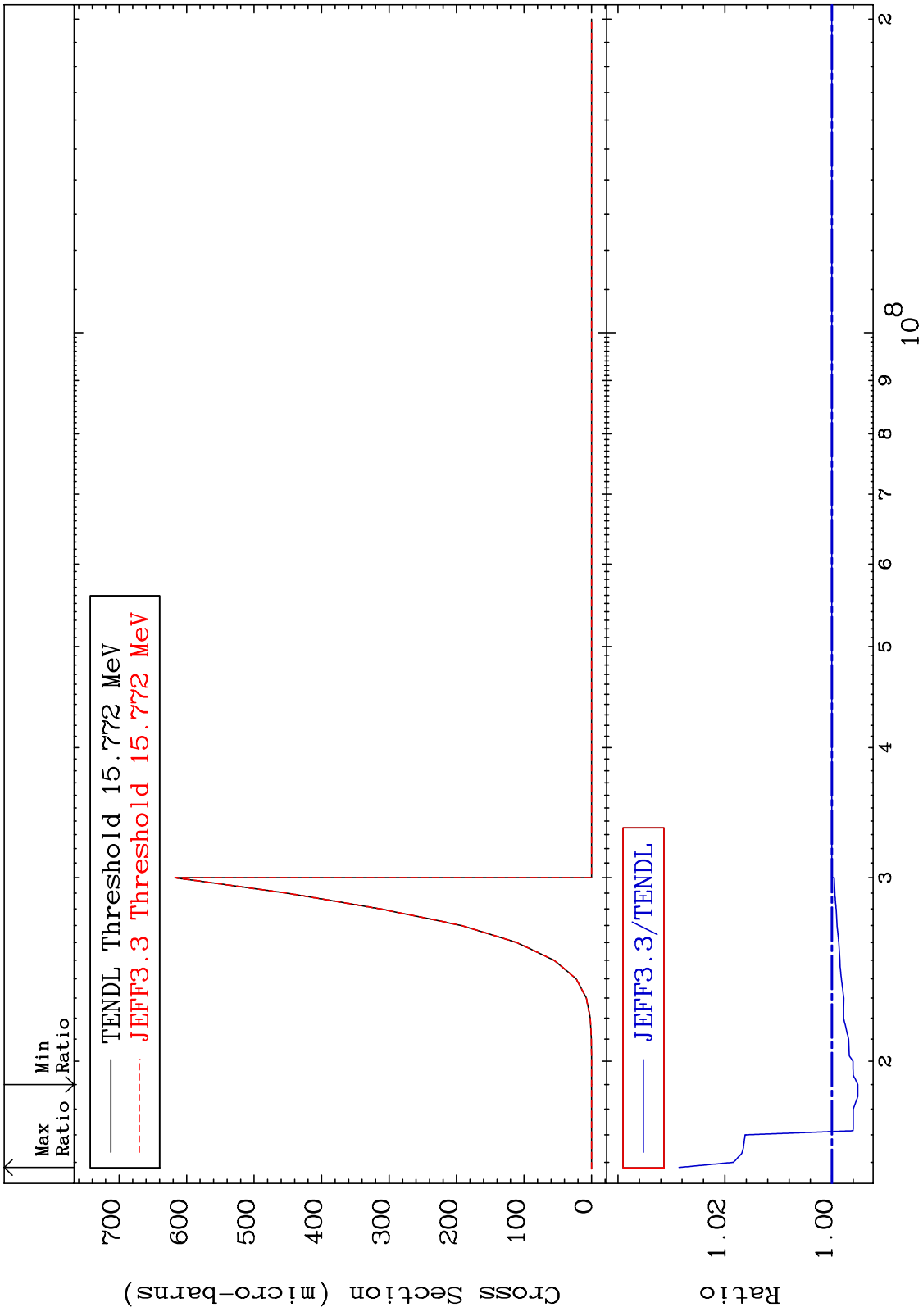
Radionuclide Production Cross Section -0.523 To 0.000 %



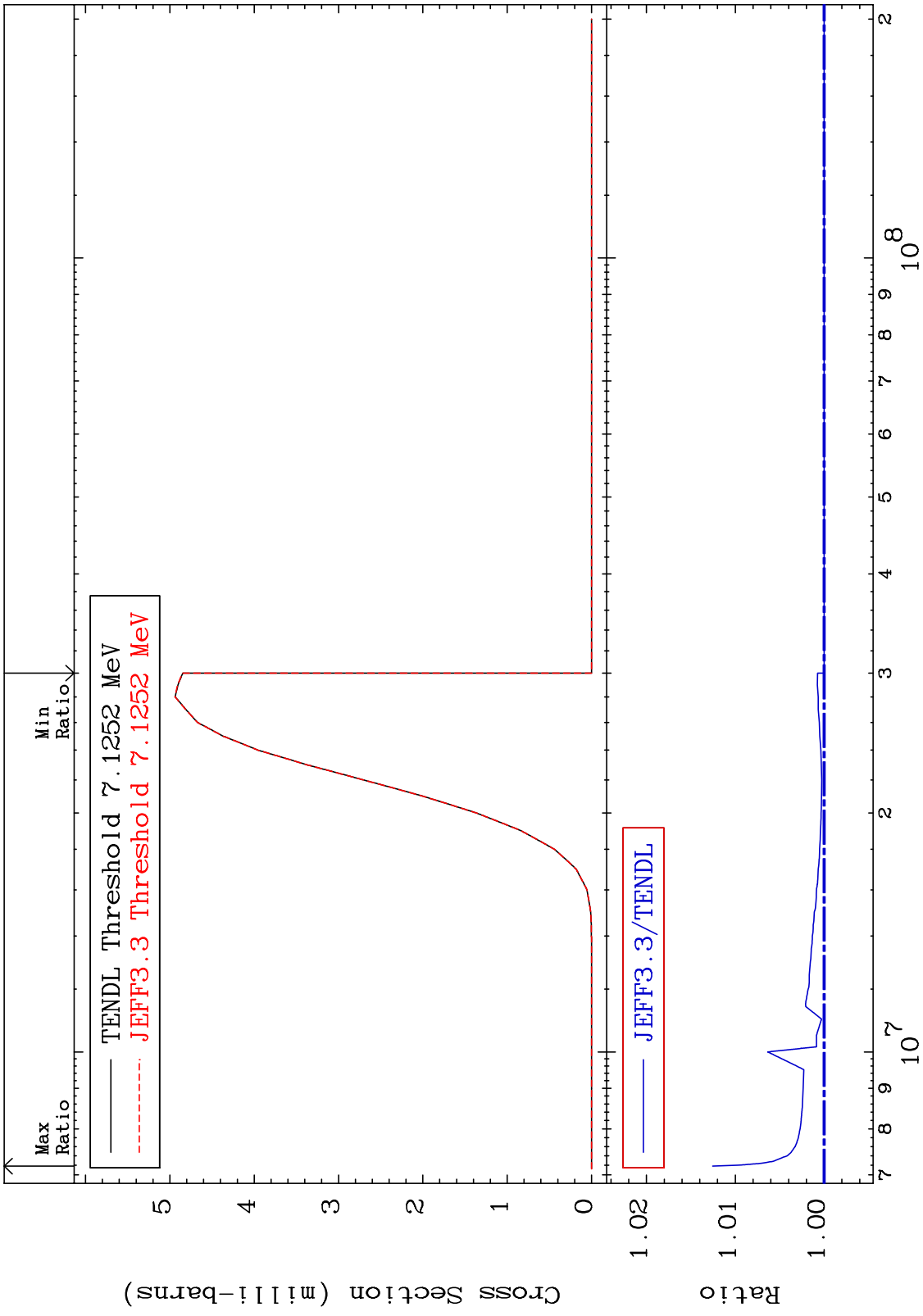
MAT 6637 (n,2n) p:65-Tb-158g 66-Dy-160
 Radionuclide Production Cross Section -0.695 To 0.906 %



MAT 6637 (n,2n) p:65-Tb-158m3 66-Dy-160
 Radionuclide Production Cross Section -0.486 To 2.858 %



MAT 6637 (n,t):65-Tb-158g 66-Dy-160
 Radionuclide Production Cross Section 0.000 To 1.254 %



MAT 6637 (n, t): 65-Tb-158m3 66-Dy-160
 Radionuclide Production Cross Section 0.000 To 11.35 %

