

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

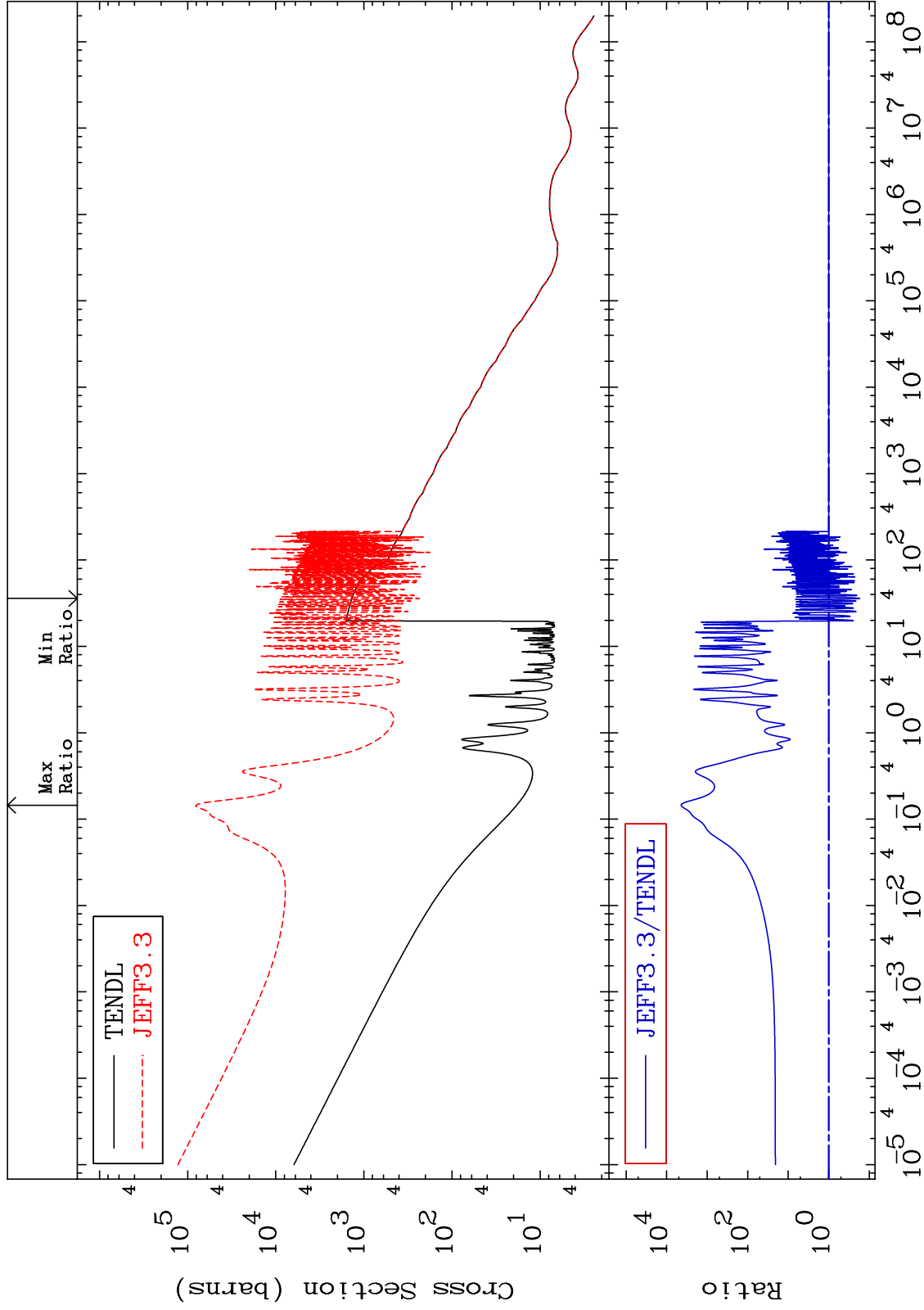
MAT 6522

Total

65-Tb-158

-82.86 To 9999. %

Cross Section



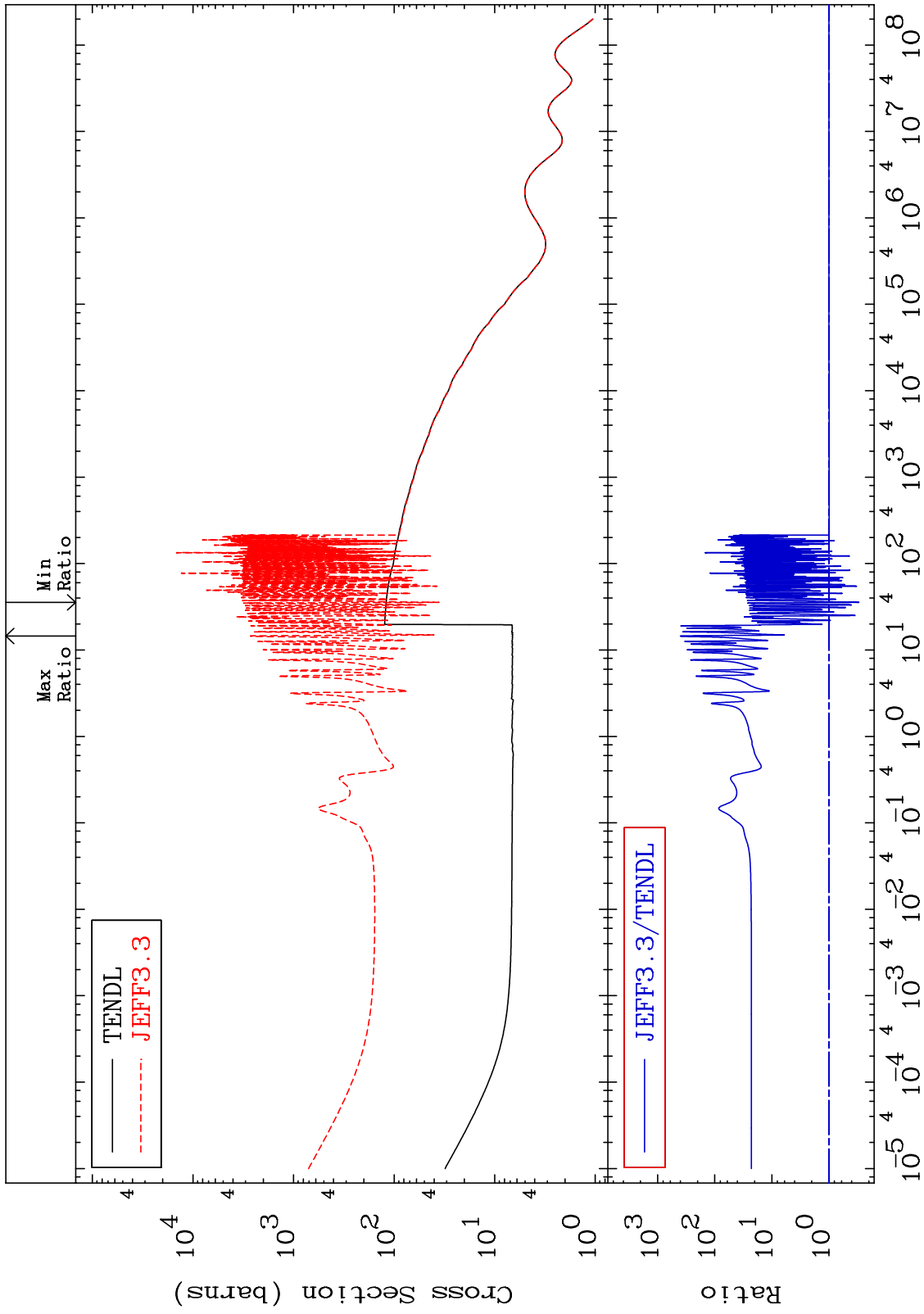
Incident Energy (eV)

65-Tb-158

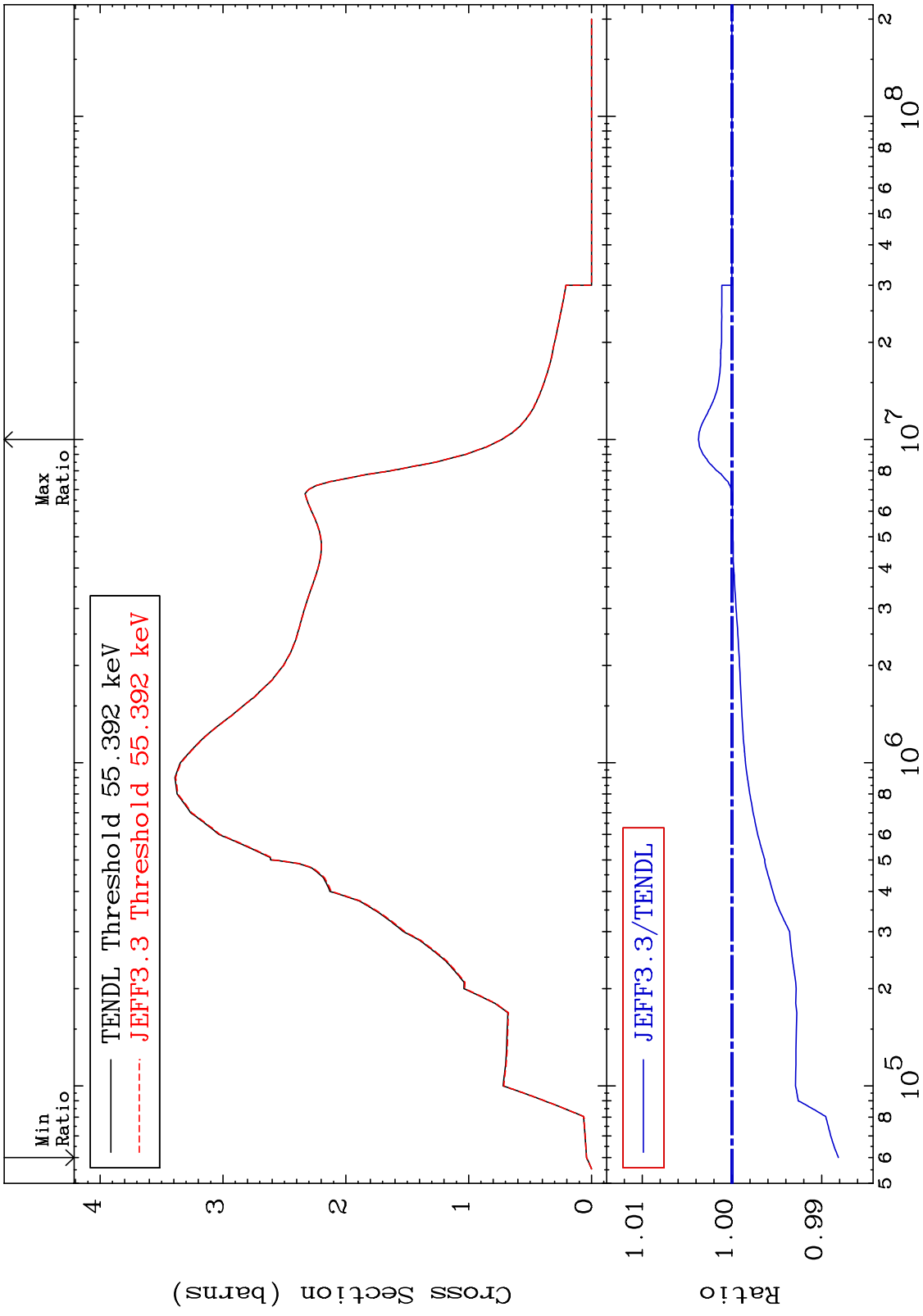
MAT 6522

Elastic  
Cross Section

65-Tb-158  
-70.16 To 9999. %

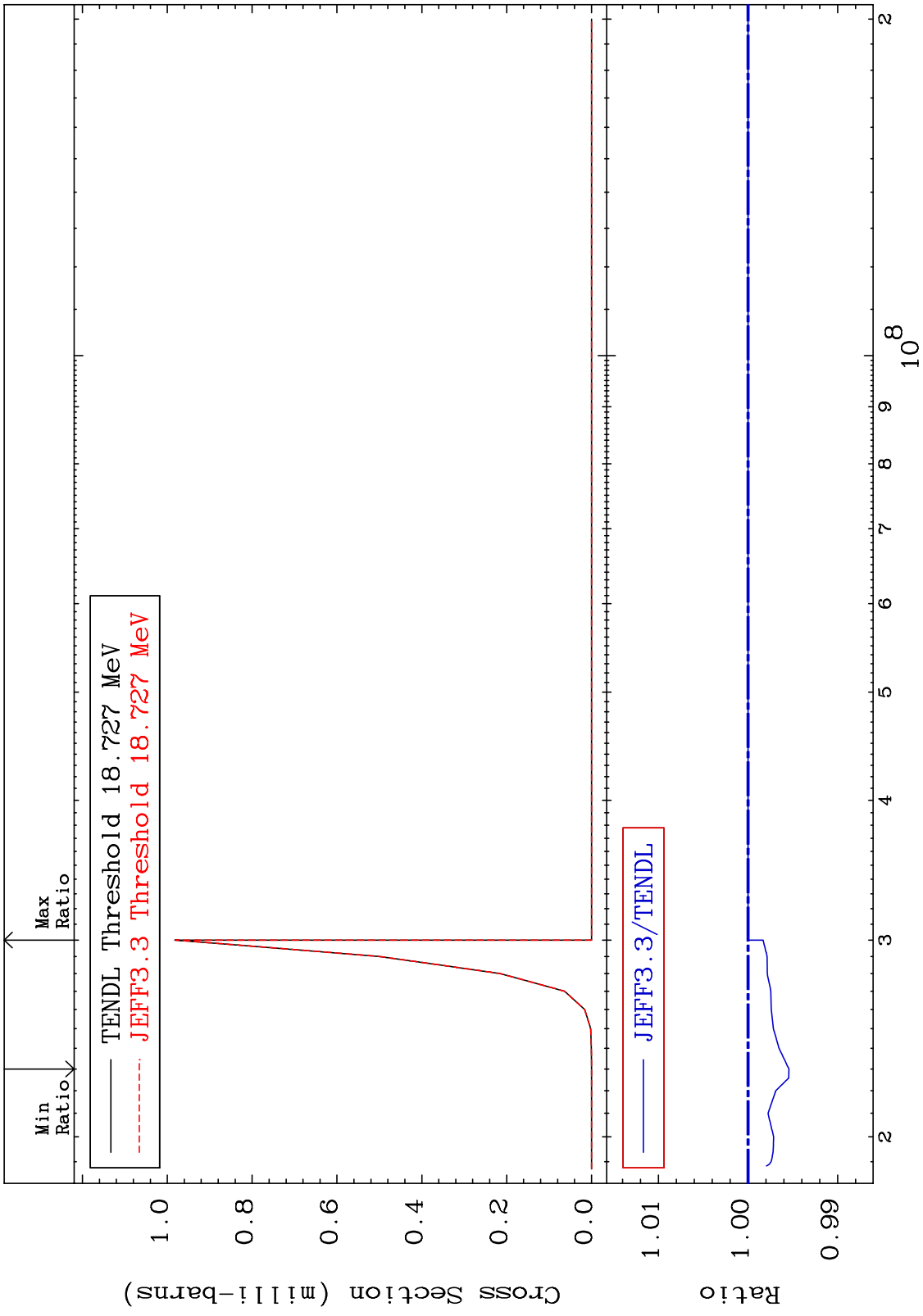


MAT 6522 Inelastic Cross Section 65-Tb-158 -1.186 To 0.373 %

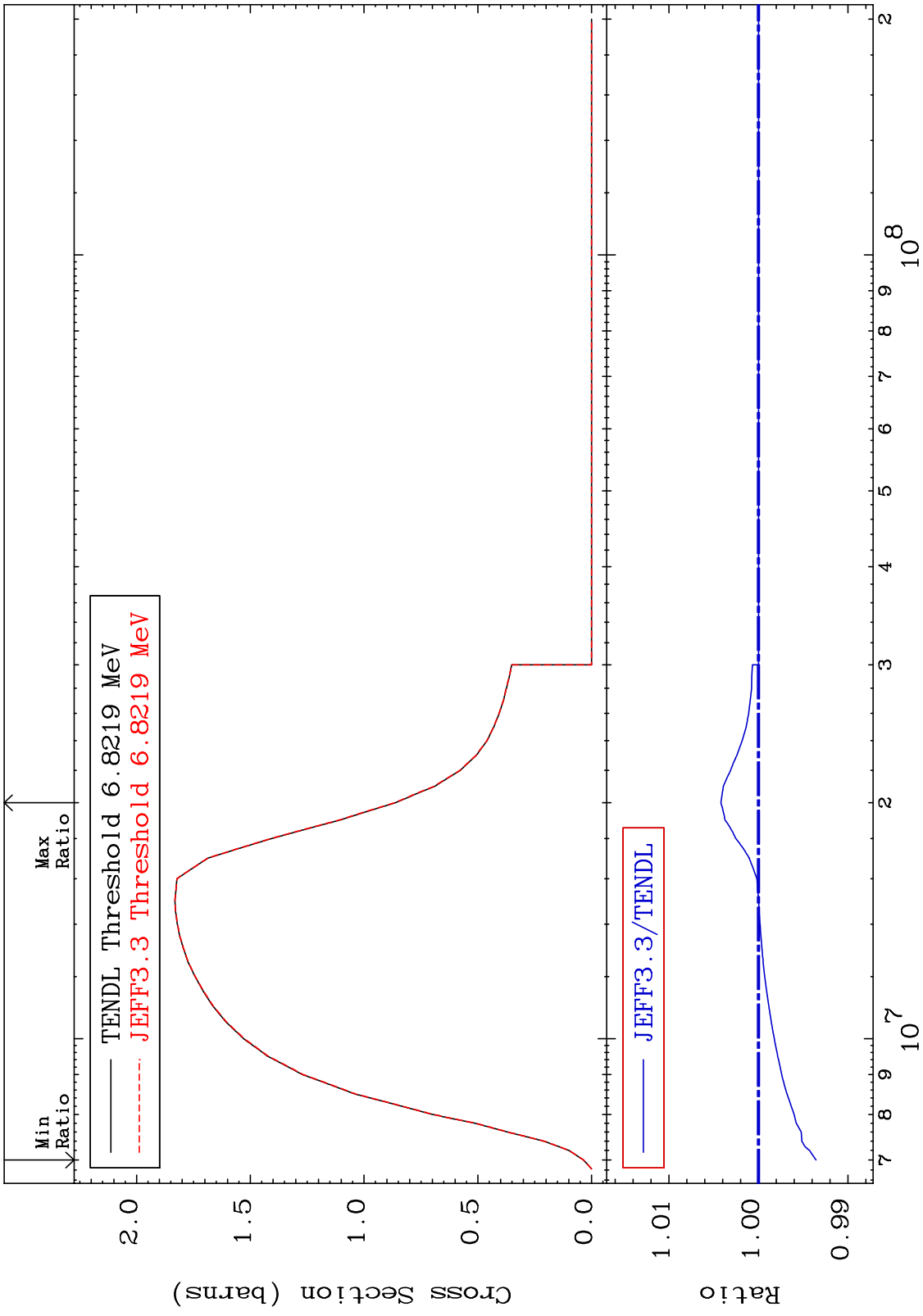


3 Incident Energy (eV) 65-Tb-158

MAT 6522 (n,2n) d 65-Tb-158  
 Cross Section -0.456 To 0.000 %

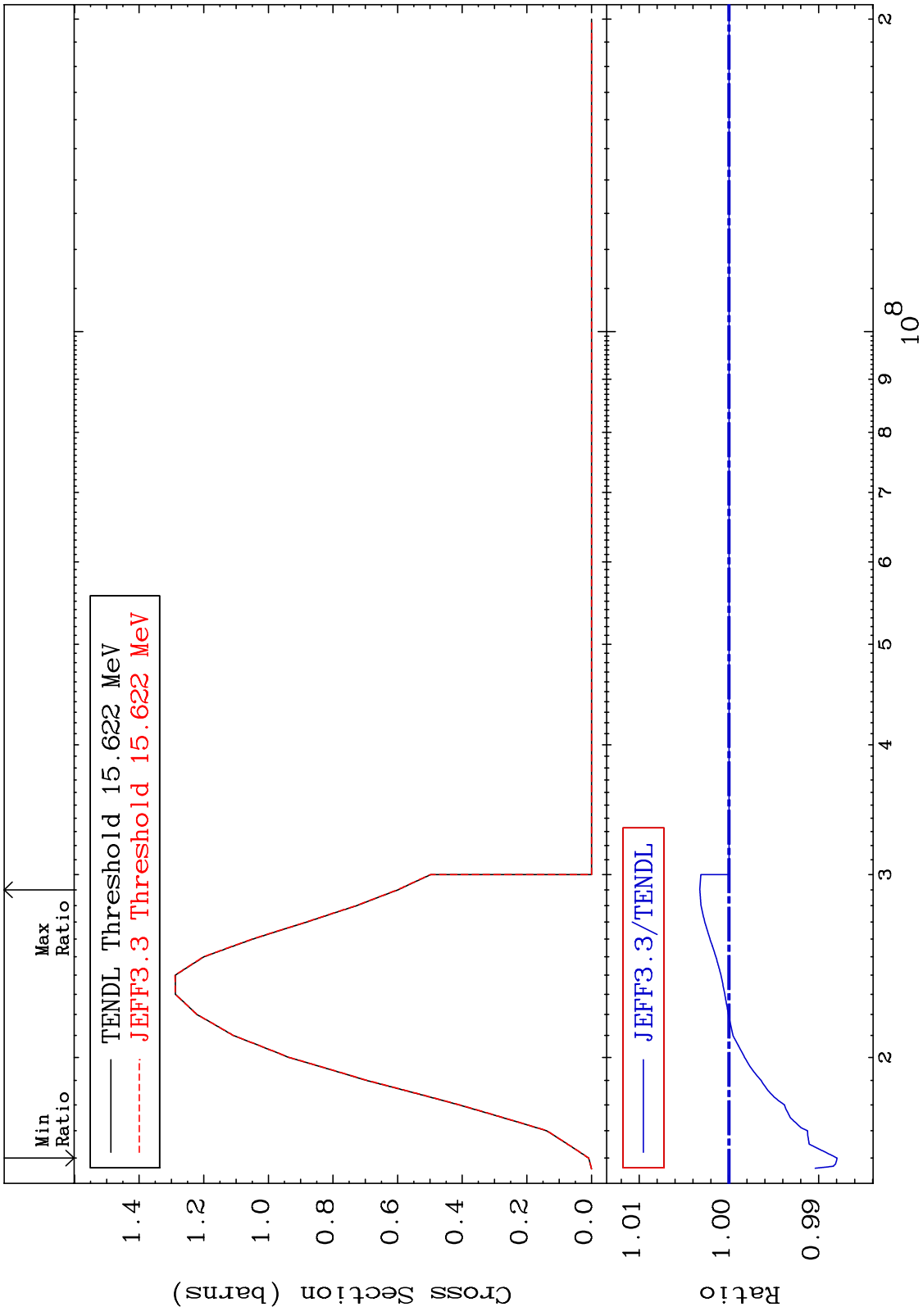


MAT 6522  $(n,2n)$  Cross Section  $^{65}\text{Tb-158}$  -0.643 To 0.420 %

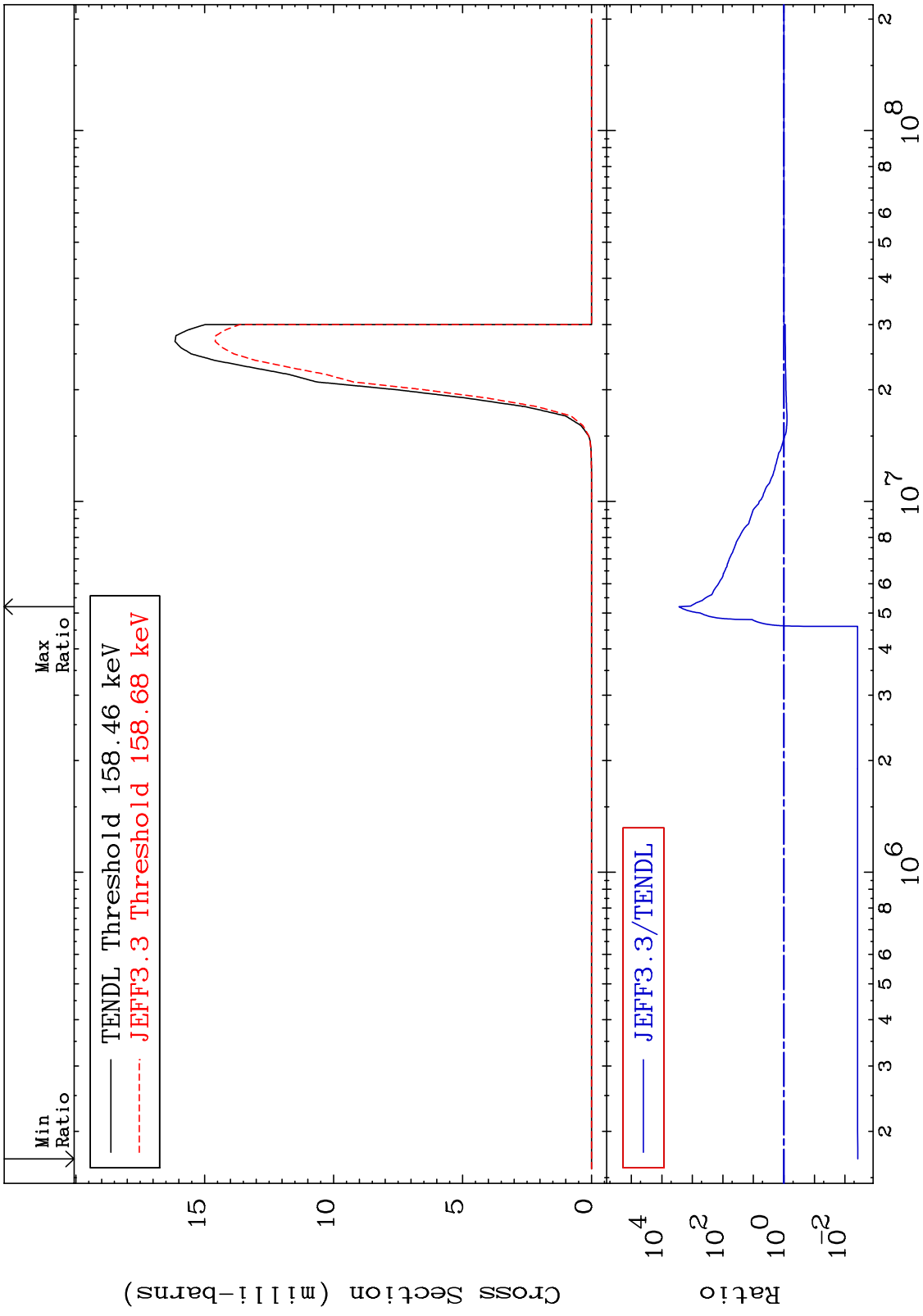


5  $^{65}\text{Tb-158}$

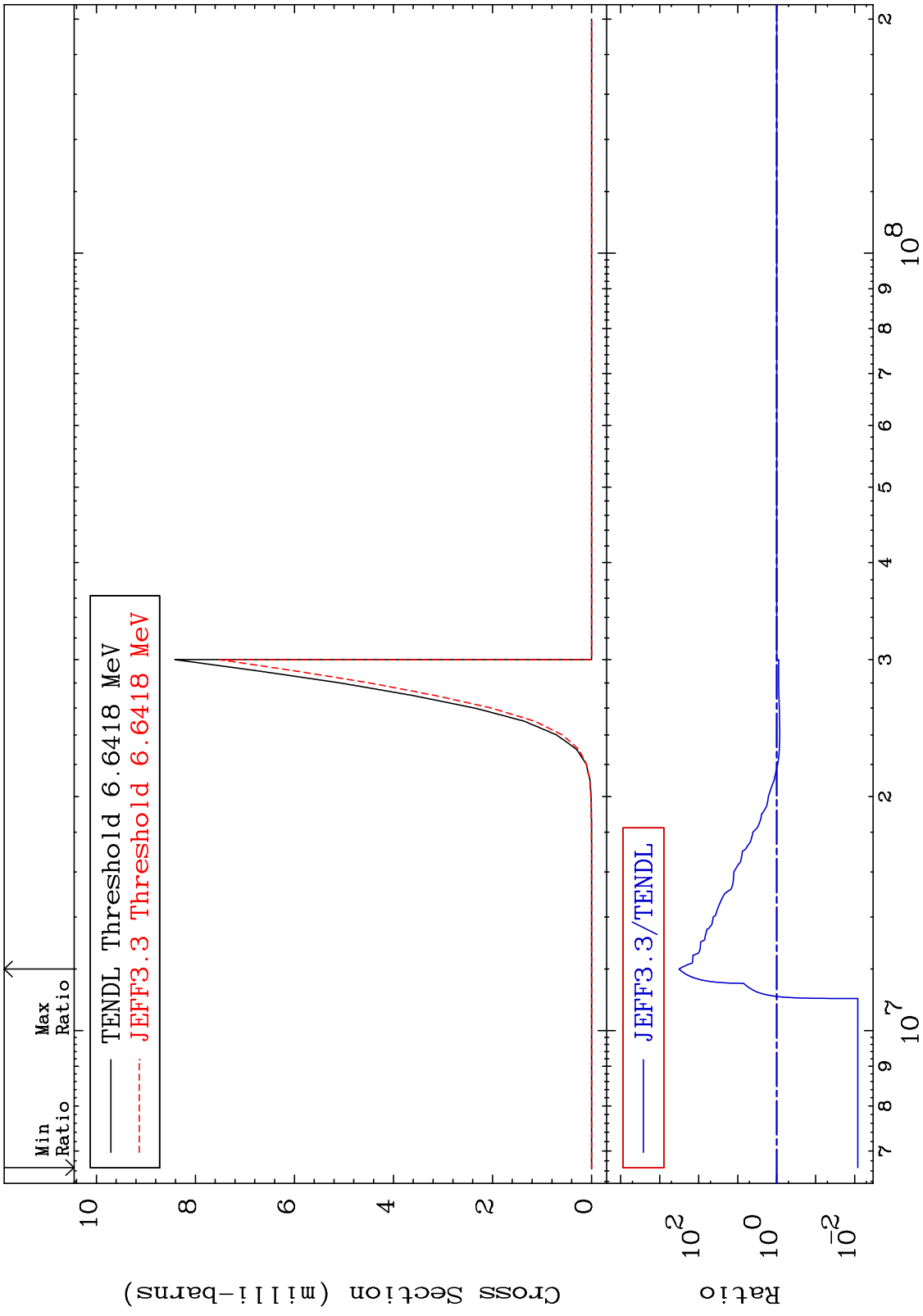
MAT 6522 (n,3n) Cross Section 65-Tb-158 -1.204 To 0.324 %



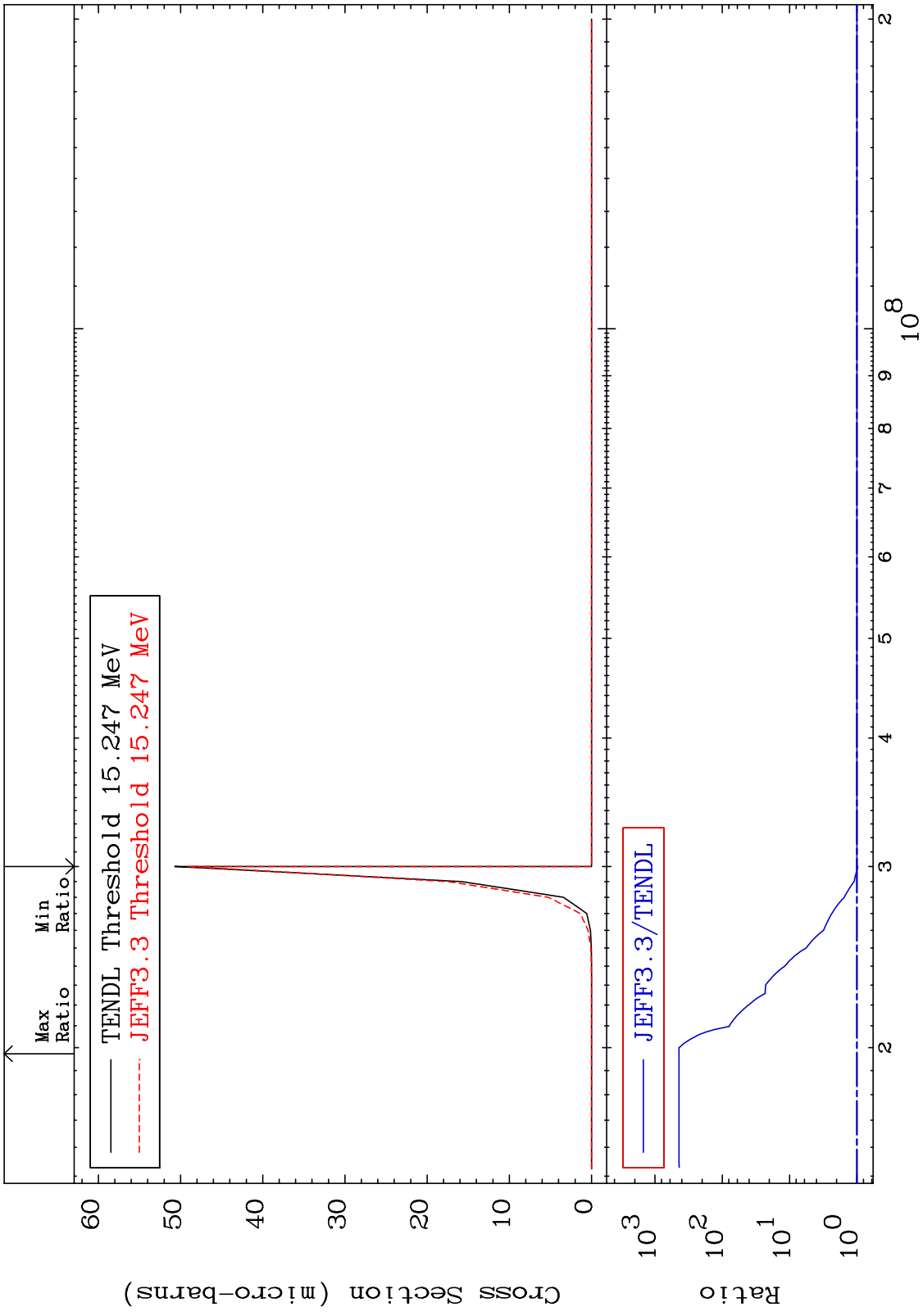
MAT 6522  $(n, n') \alpha$  65-Tb-158  
 -99.62 To 9999. %  
 Cross Section



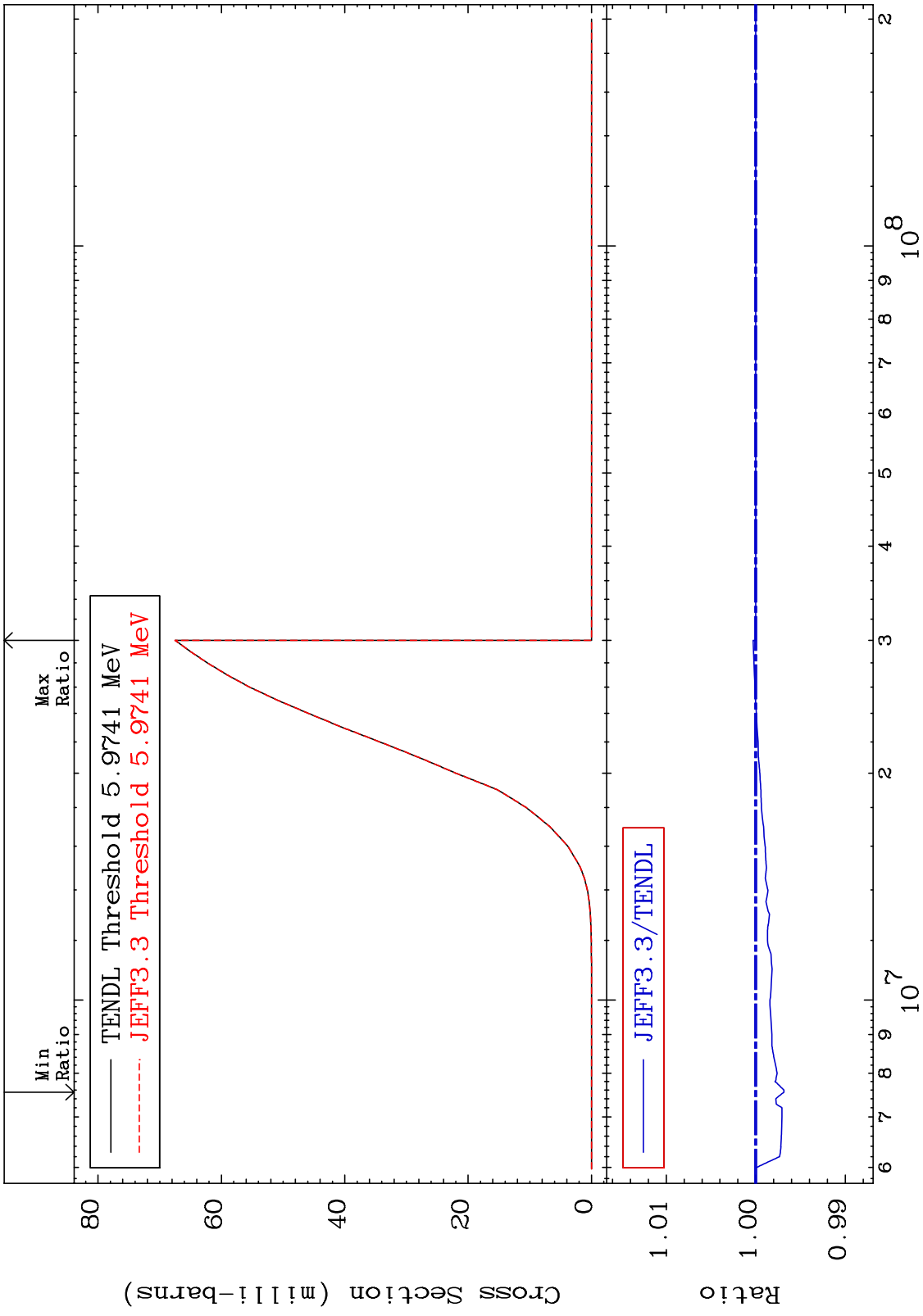
MAT 6522  $(n, 2n) \alpha$  65-Tb-158  
 Cross Section -99.17 To 9999. %



MAT 6522  $(n, 3n) \alpha$   $^{65}\text{Tb-158}$   
 Cross Section -3.119 To 9999. %

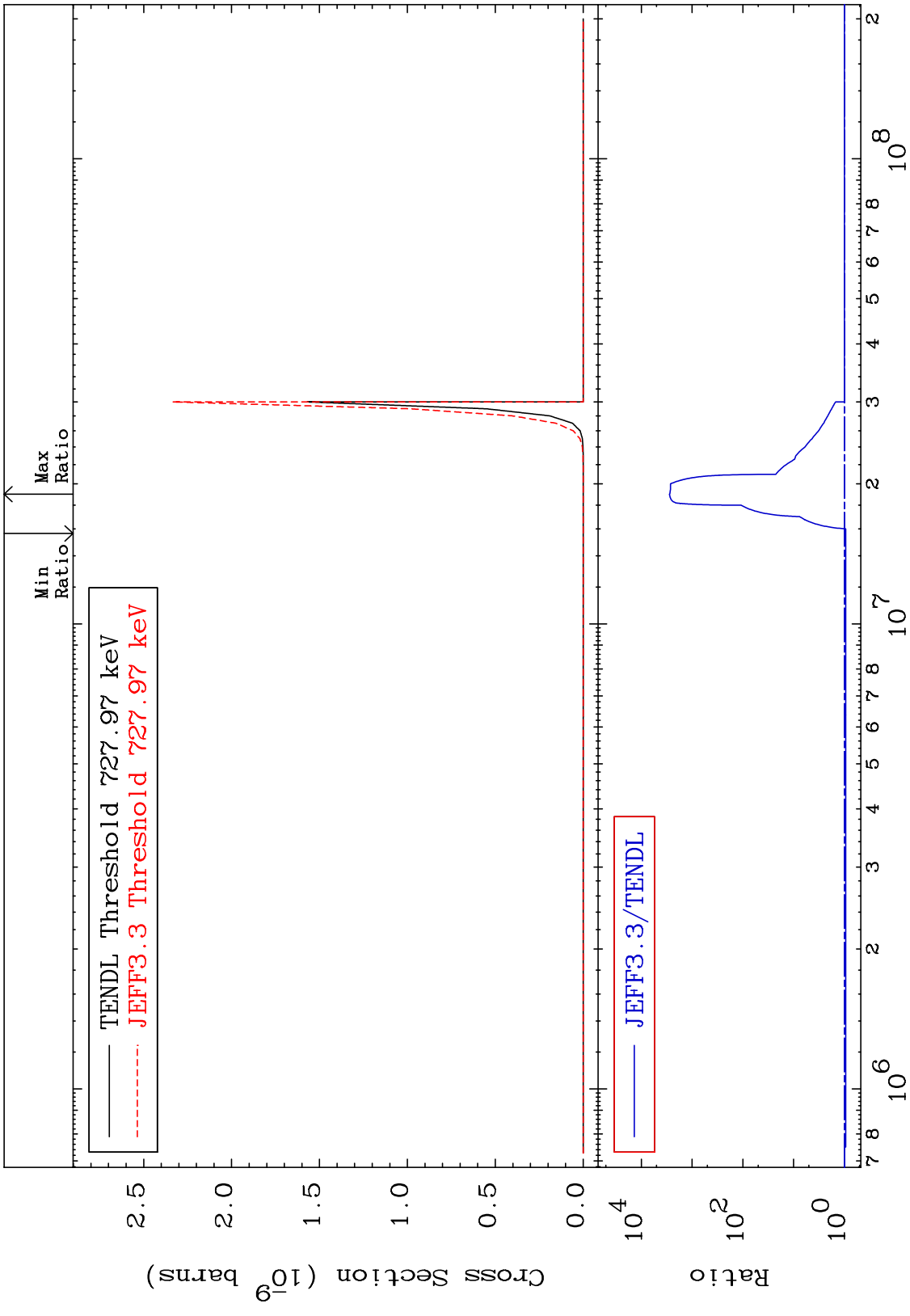


MAT 6522  $(n, n')$  p  $^{65}\text{Tb-158}$   
Cross Section -0.314 To 0.031 %

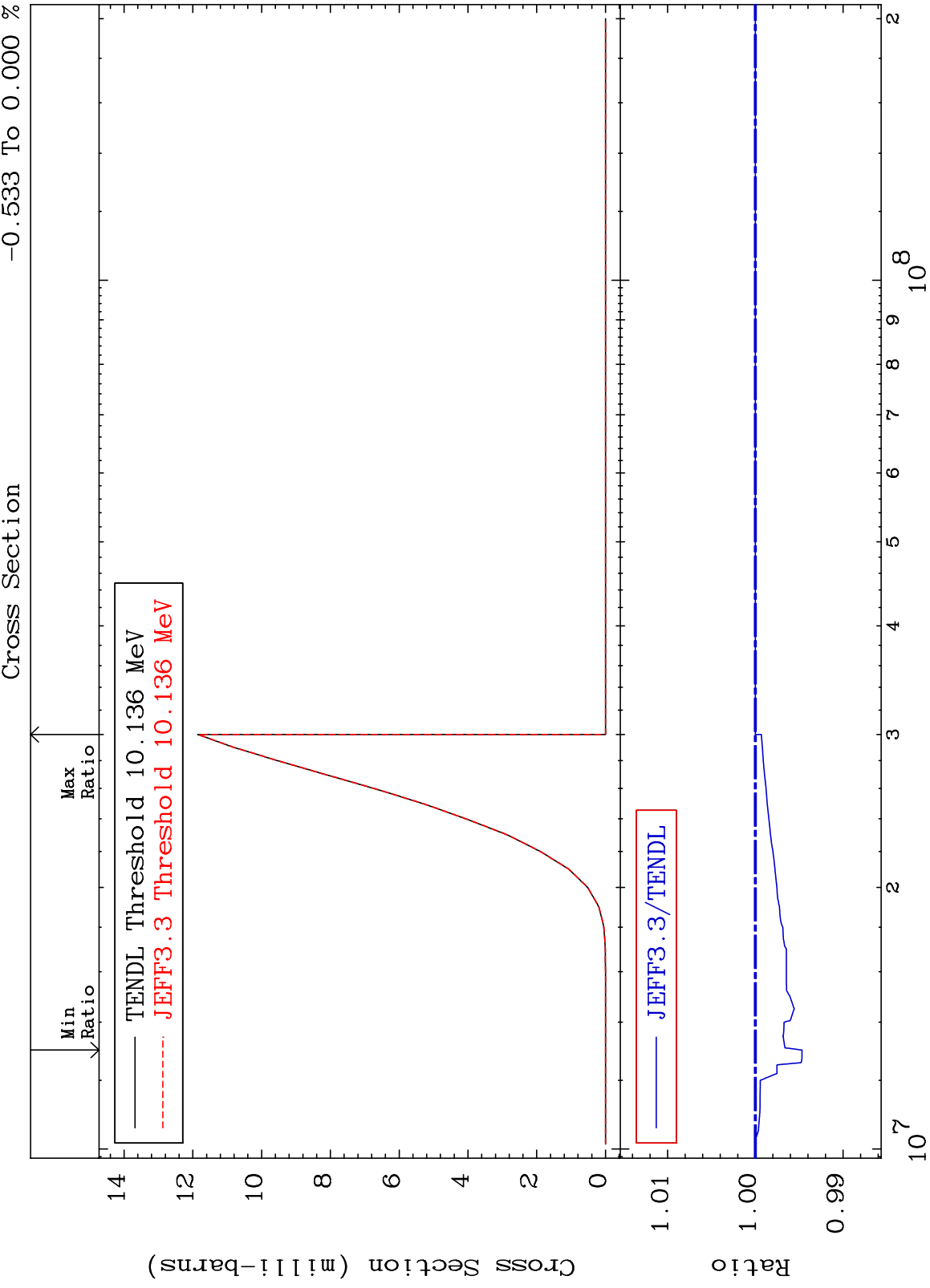


10 6 7 8 9 10<sup>7</sup> 10<sup>8</sup> 2 65-Tb-158

MAT 6522  $(n, n') 2\alpha$   $^{65}\text{Tb-158}$   
 Cross Section -6.084 To 9999. %

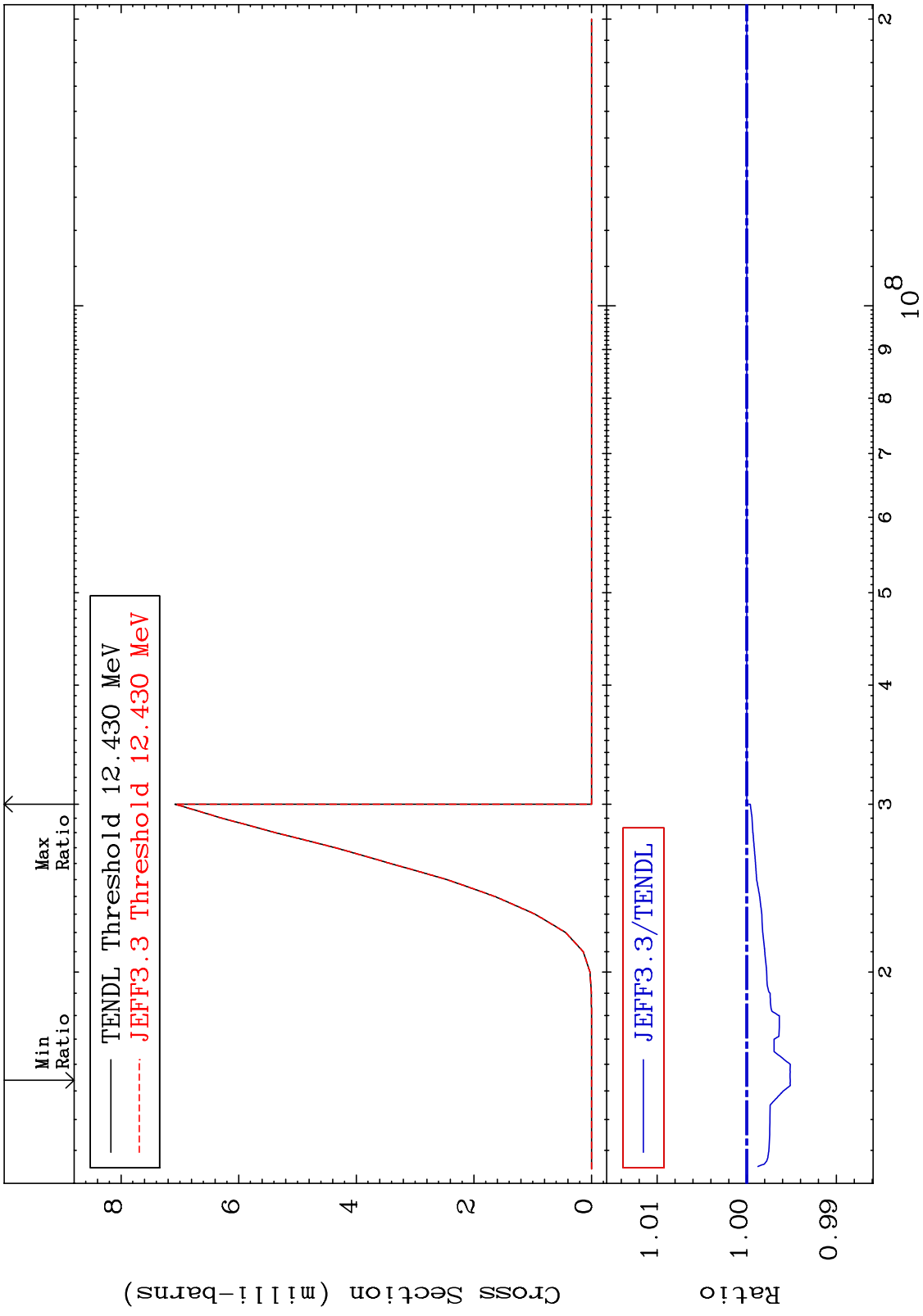


MAT 6522  $(n, n')$  d  $^{65}\text{Tb-158}$  -0.533 To 0.000 %

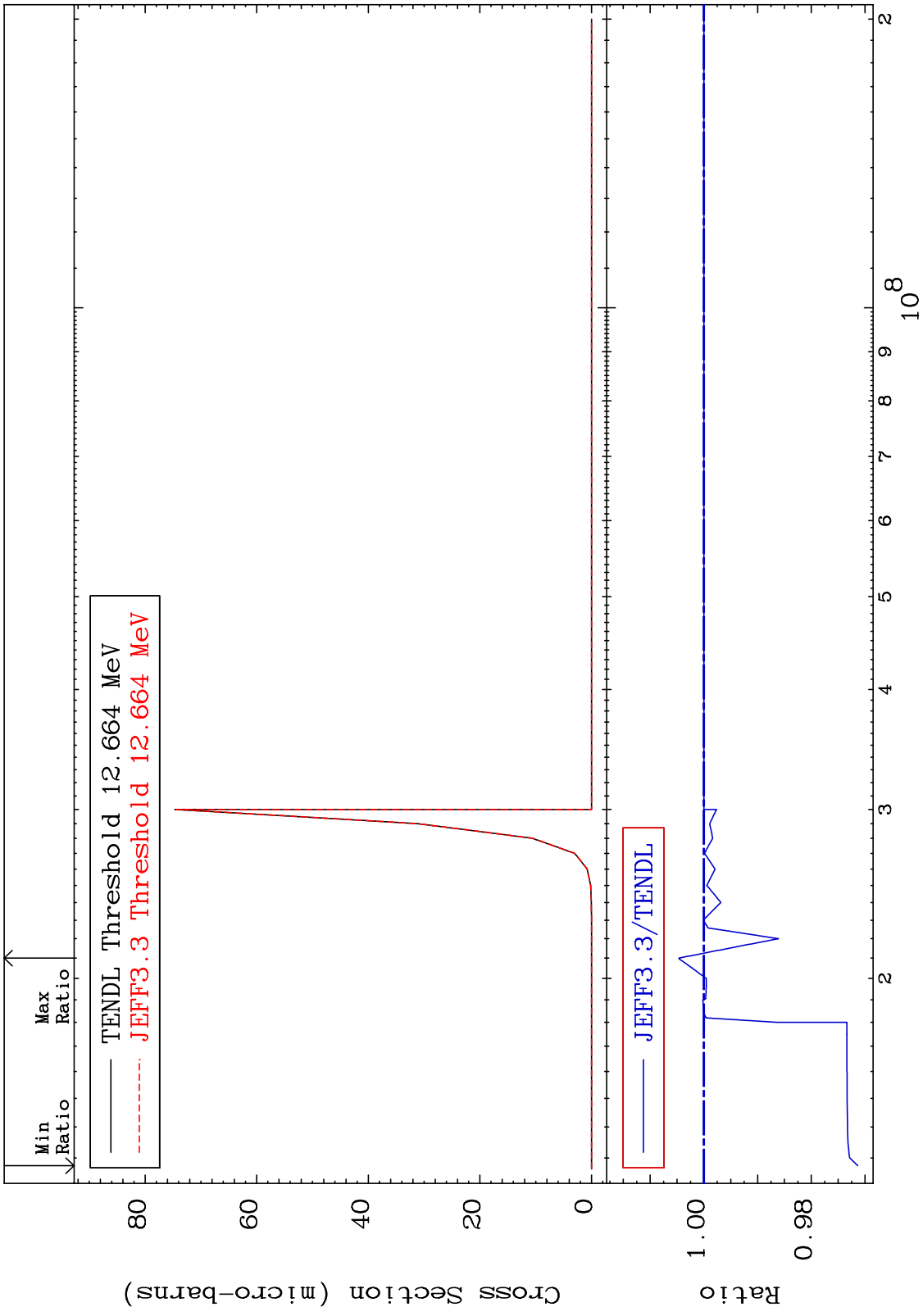


Incident Energy (eV)  $^{65}\text{Tb-158}$

MAT 6522  $(n, n')$  t  $^{65}\text{Tb-158}$   
 Cross Section -0.484 To 0.000 %

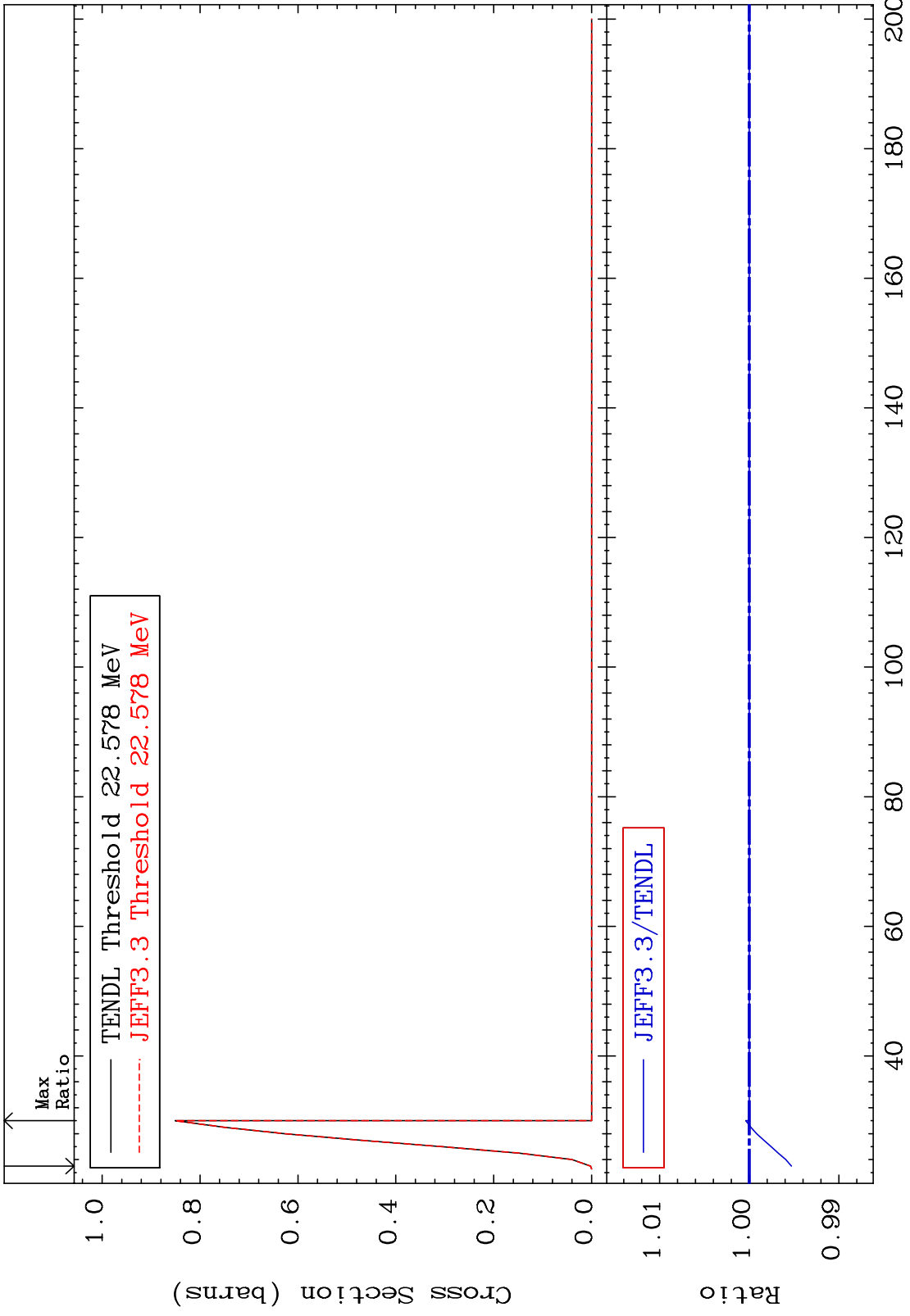


MAT 6522 (n, n') He-3 65-Tb-158  
Cross Section -2.867 To 0.462 %

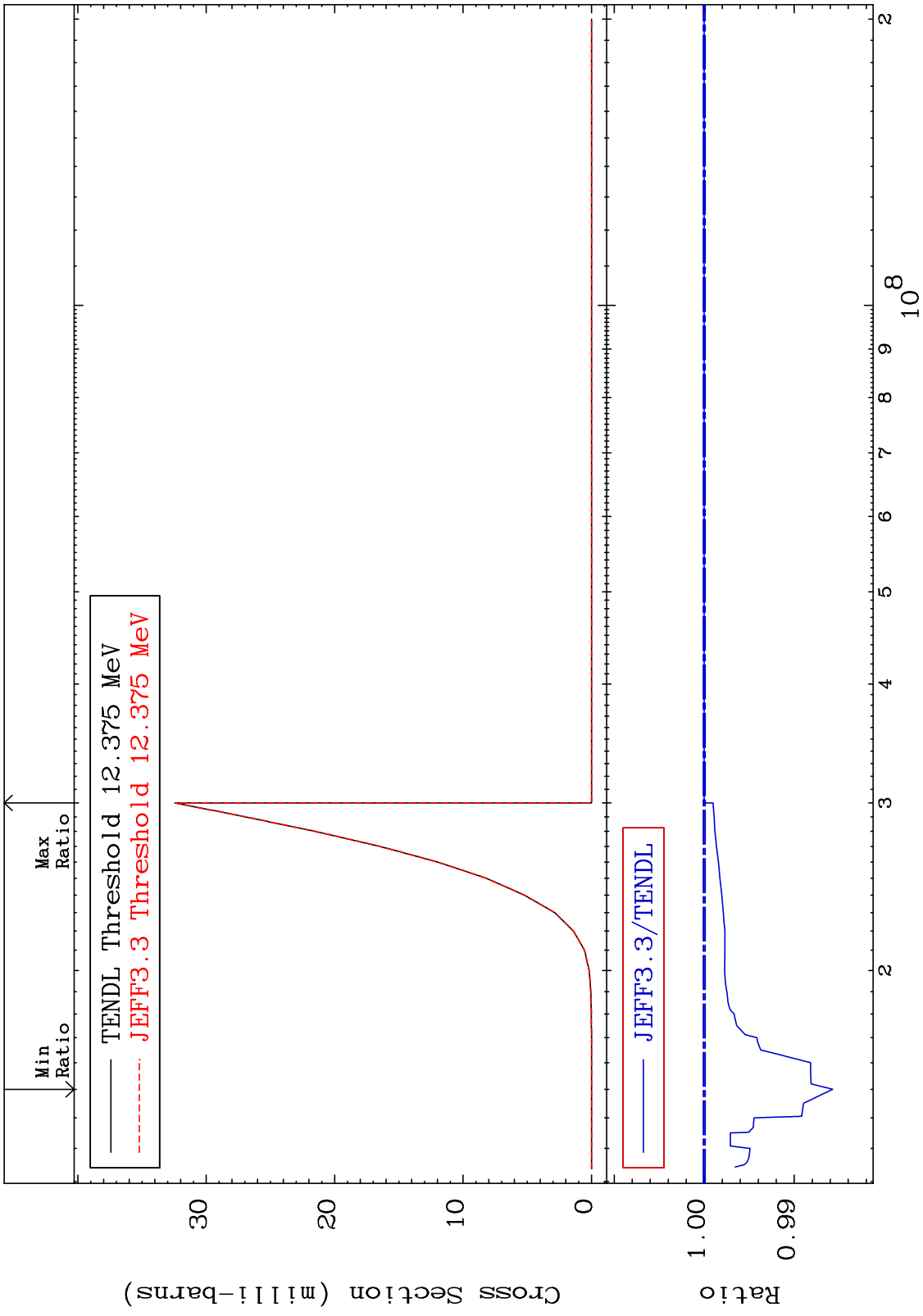


65-Tb-158

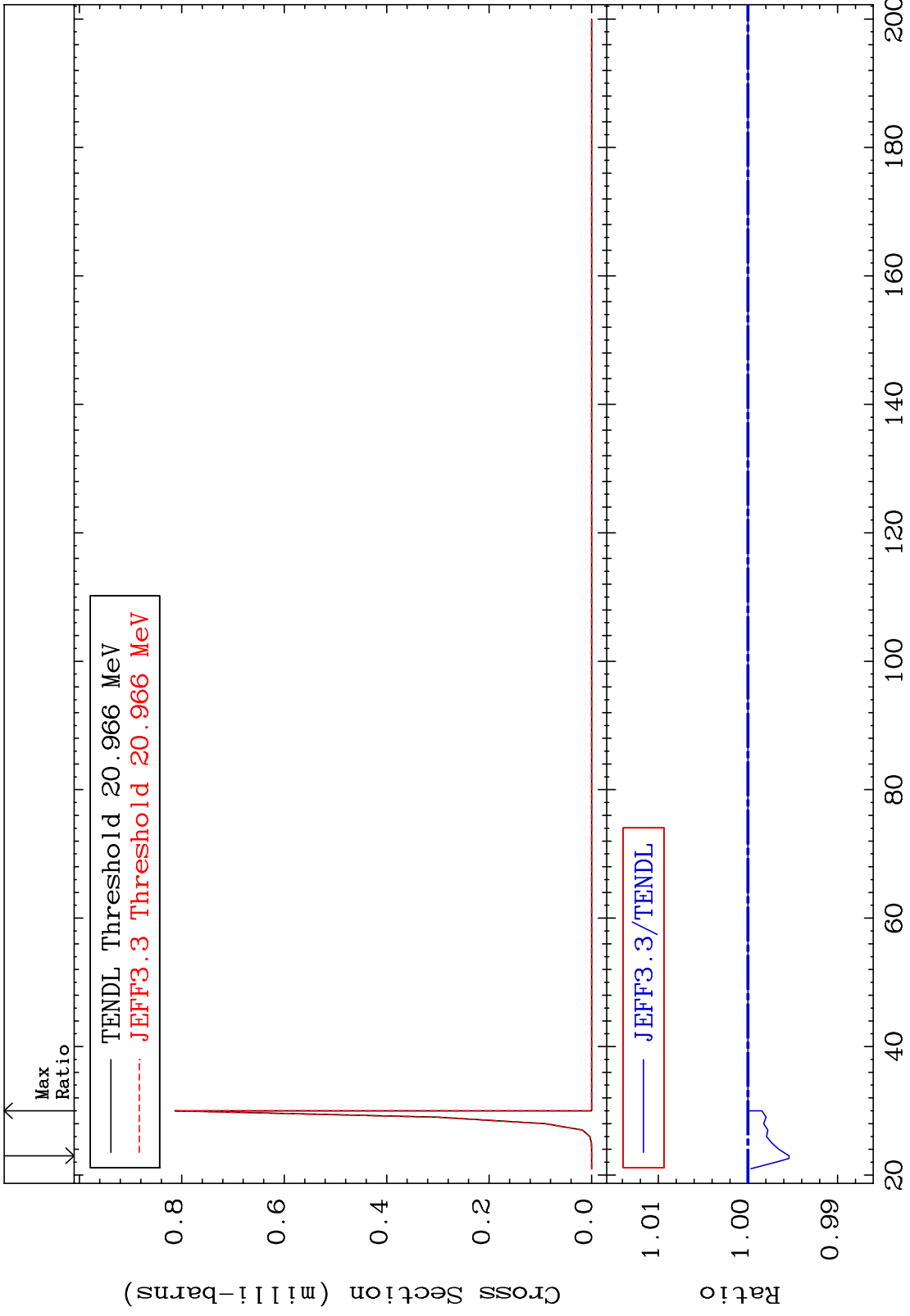
MAT 6522 (n,4n) Cross Section 65-Tb-158 -0.470 To 0.041 %



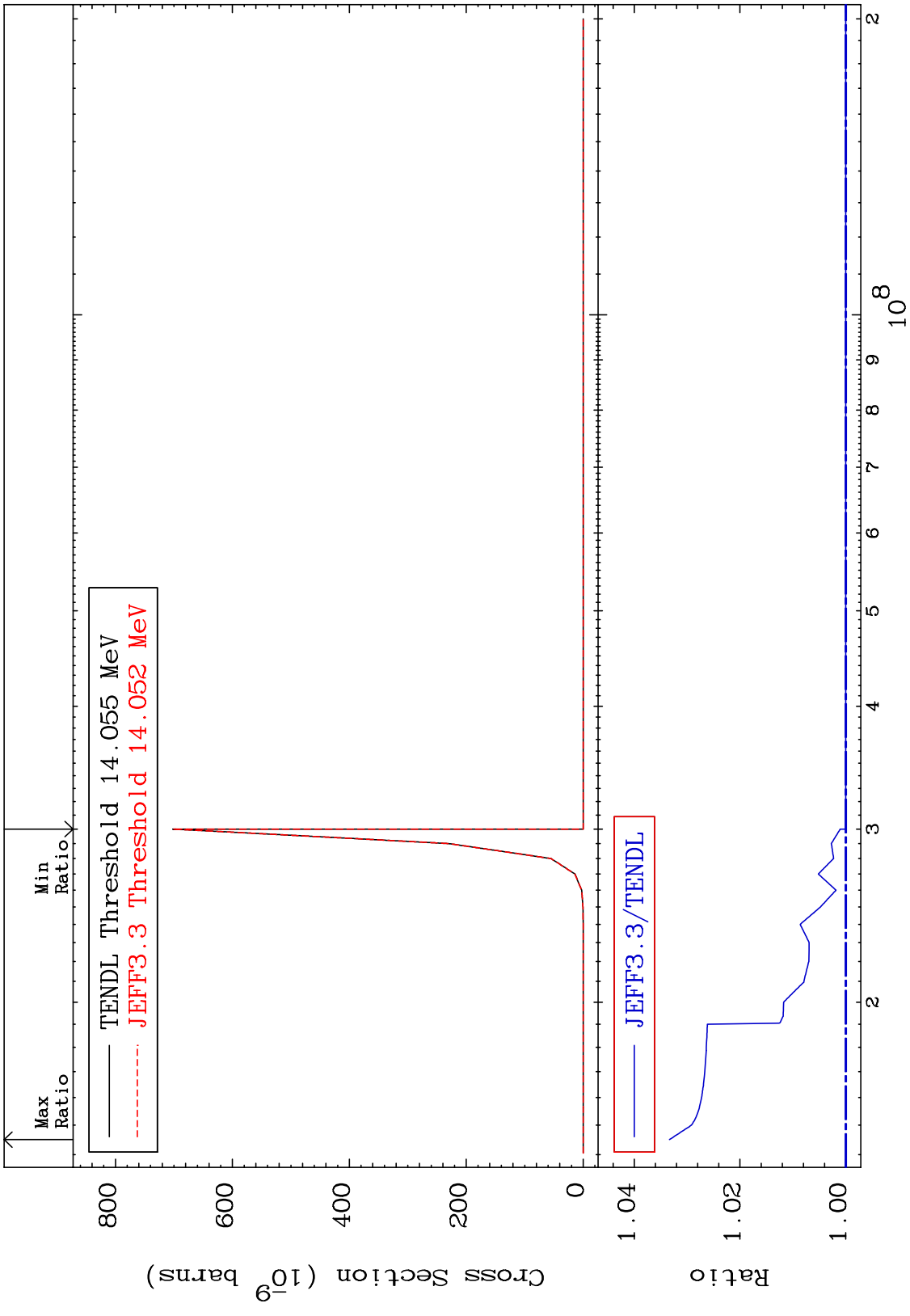
MAT 6522 (n,2n) p 65-Tb-158  
 Cross Section -1.427 To 0.000 %



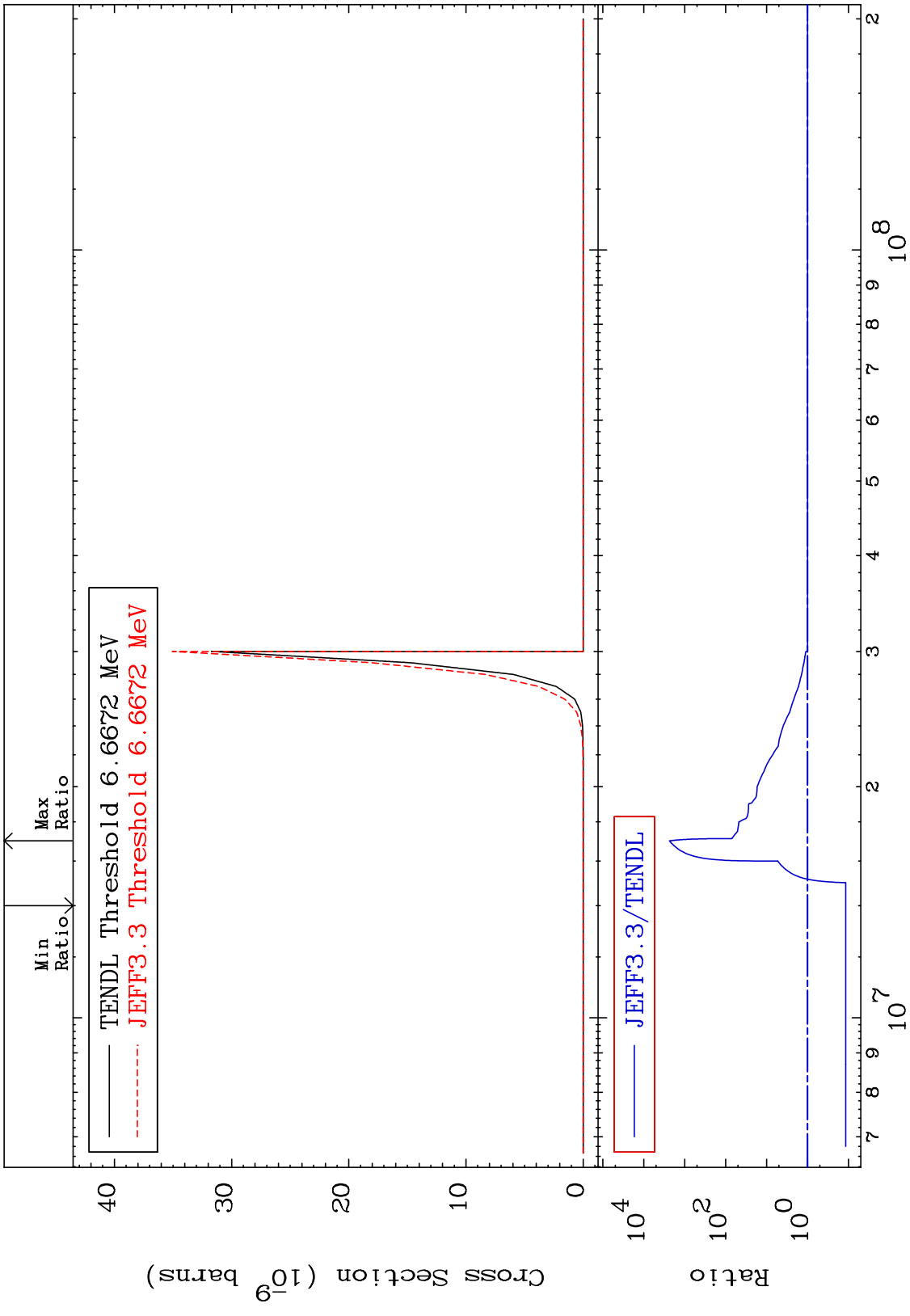
MAT 6522 (n,3n) p 65-Tb-158  
Cross Section -0.459 To 0.000 %



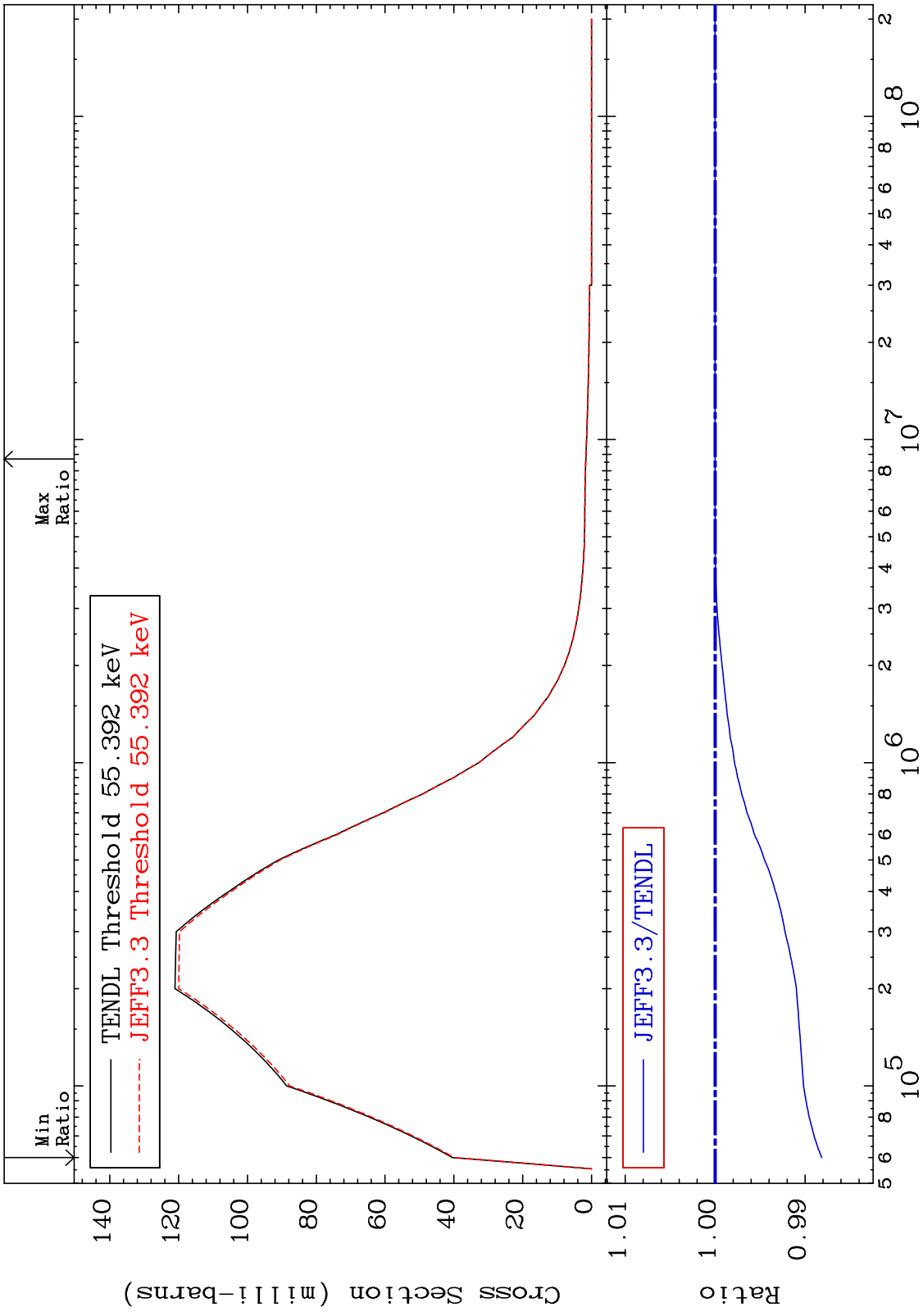
MAT 6522 (n,2n) p 65-Tb-158  
 Cross Section 0.000 To 3.333 %



MAT 6522  $(n, n')$  p  $\alpha$  65-Tb-158  
 Cross Section -88.32 To 9999. %

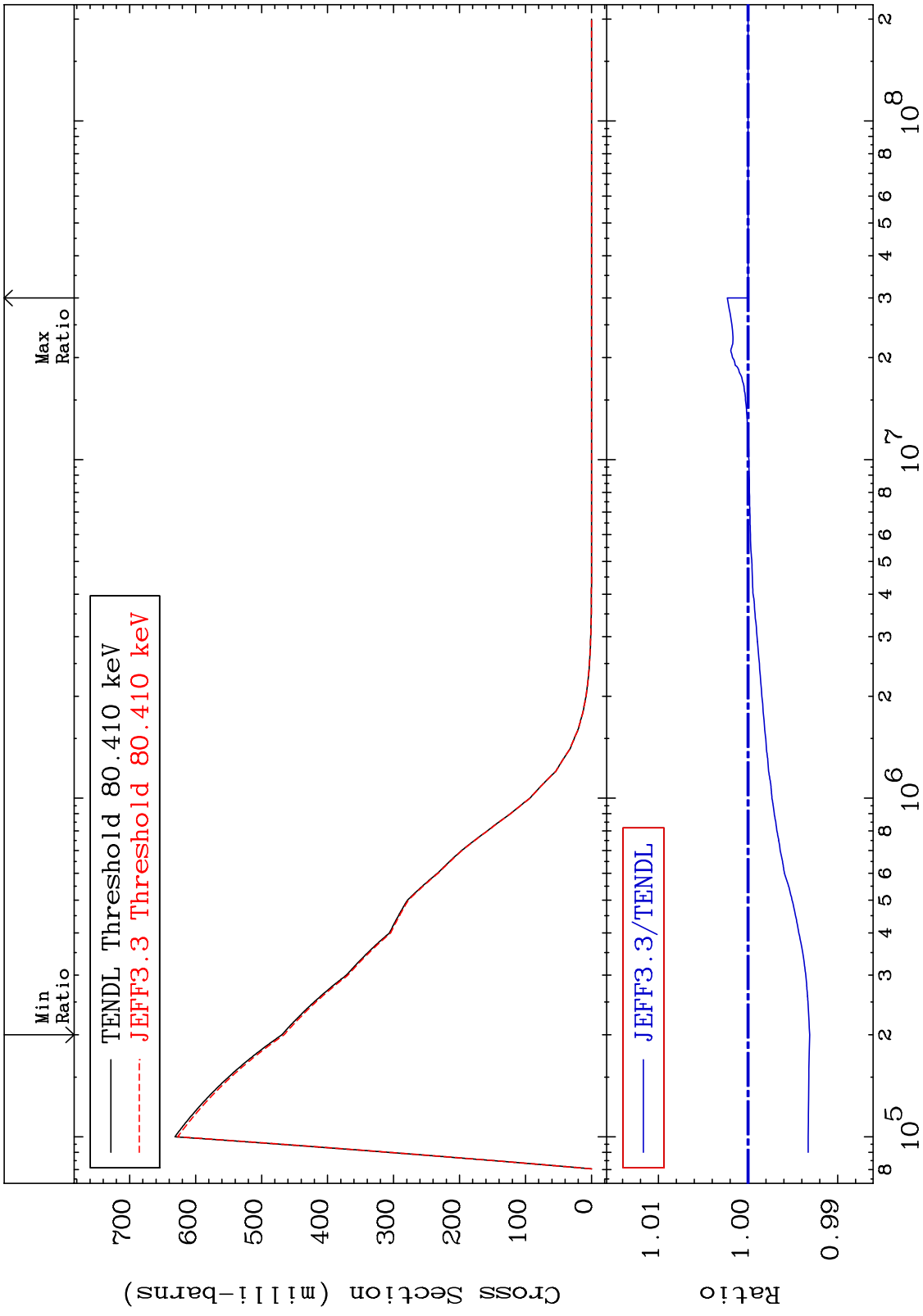


MAT 6522 MT= 51 (n,n') Level Cross Section 65-Tb-158  
 -1.186 To 0.000 %

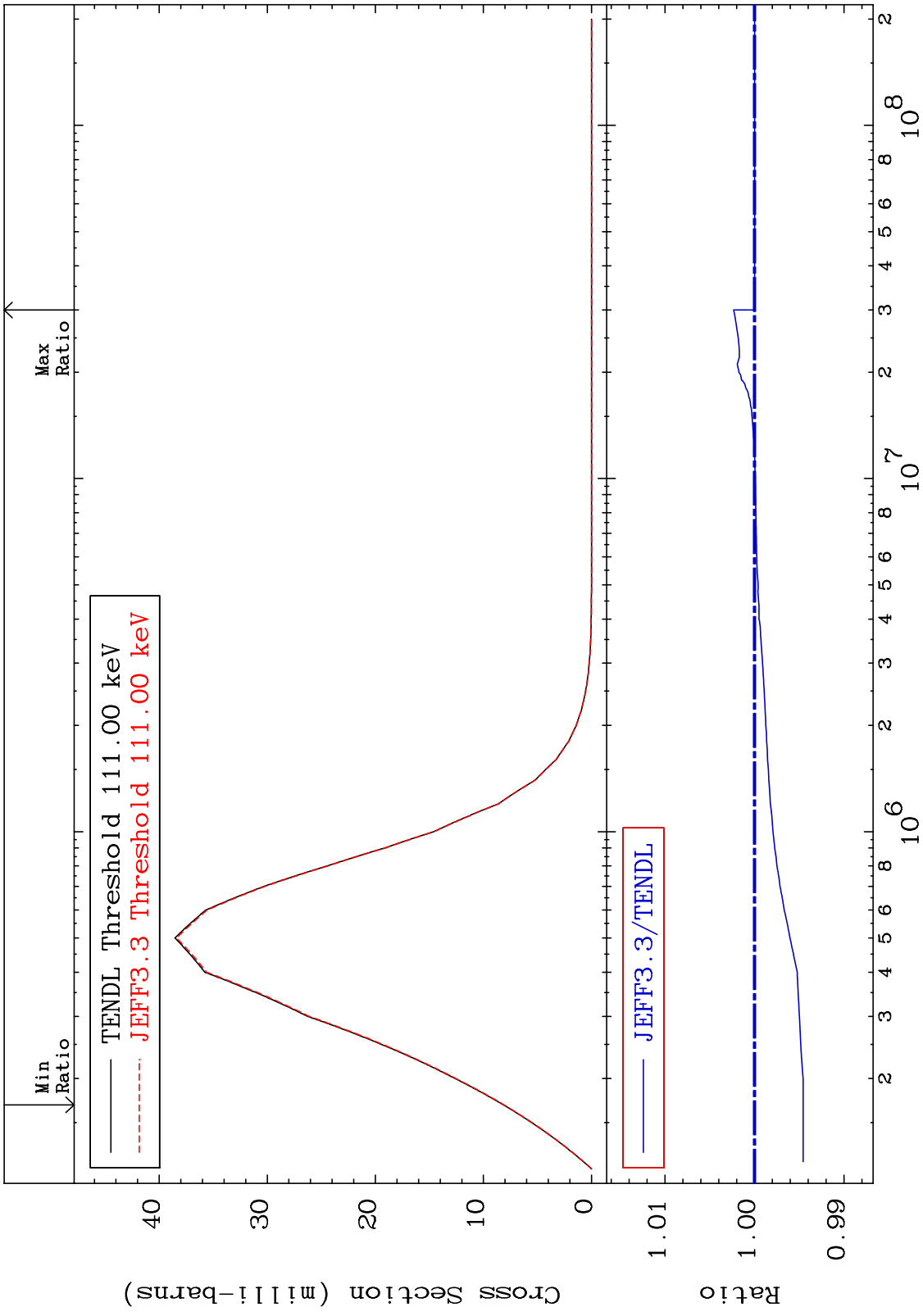


20 Incident Energy (eV) 65-Tb-158

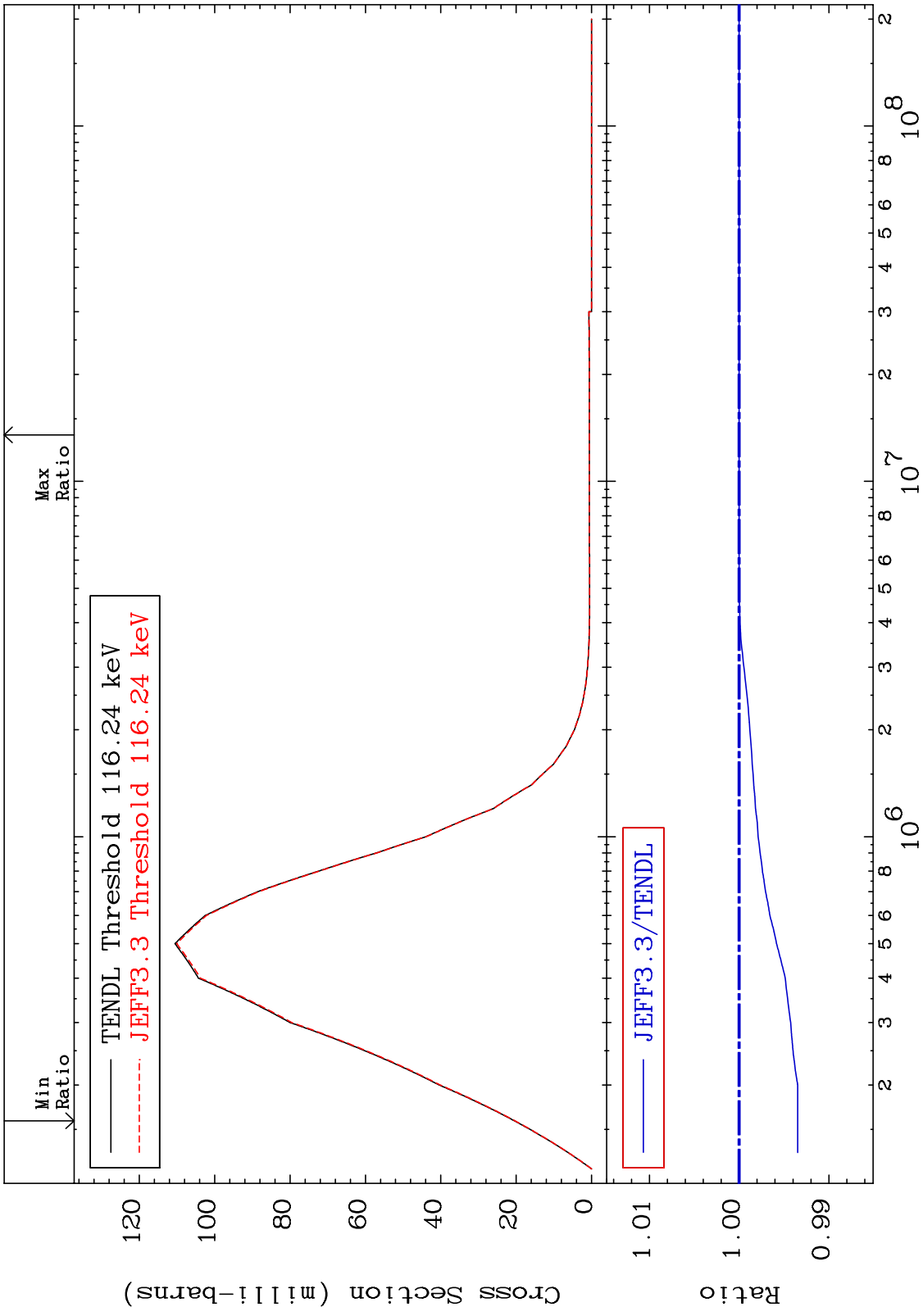
MAT 6522 MT= 52 (n,n') Level Cross Section 65-Tb-158 -0.687 To 0.233 %



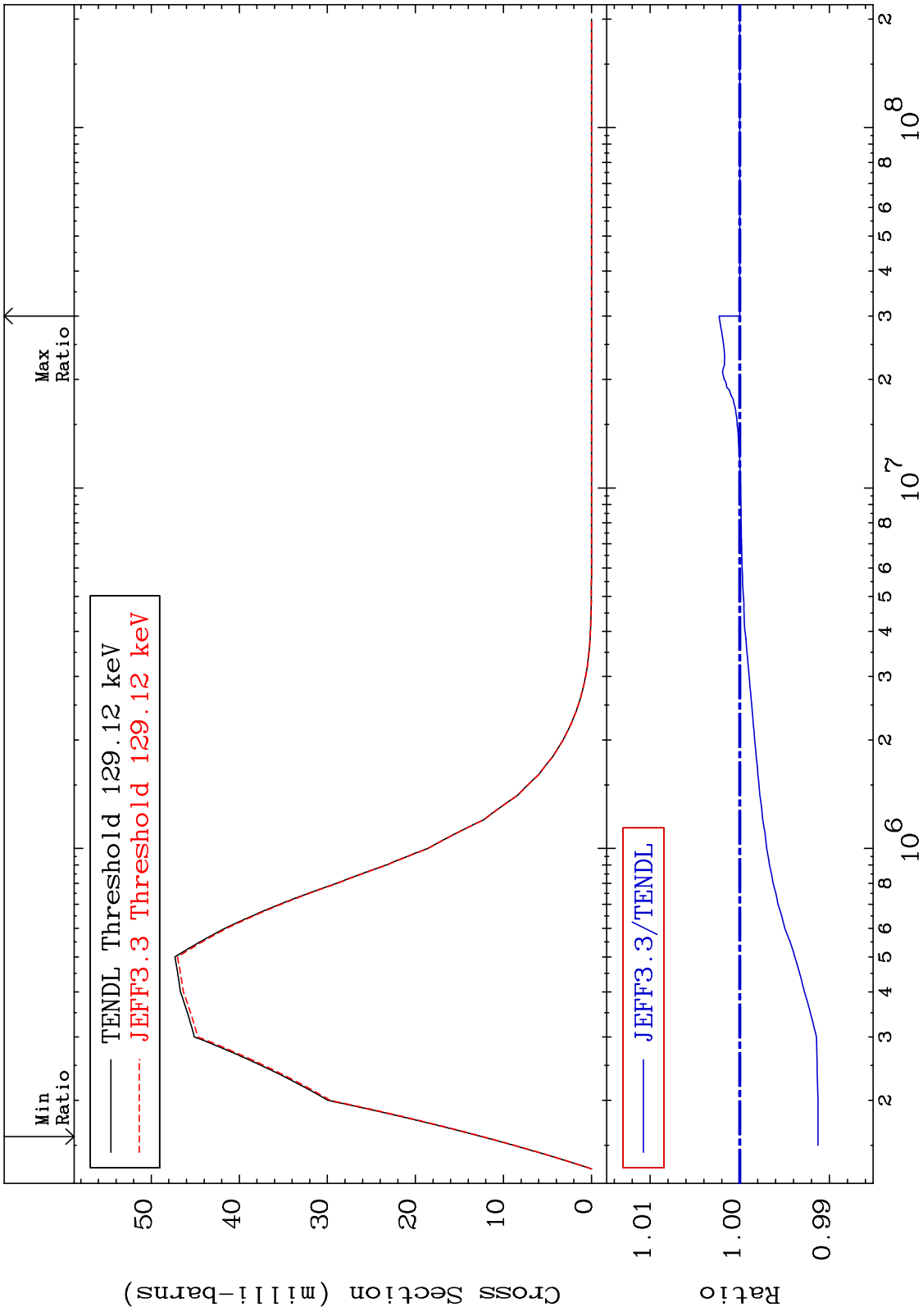
MAT 6522 MT= 53 (n,n') Level Cross Section 65-Tb-158  
 -0.544 To 0.233 %



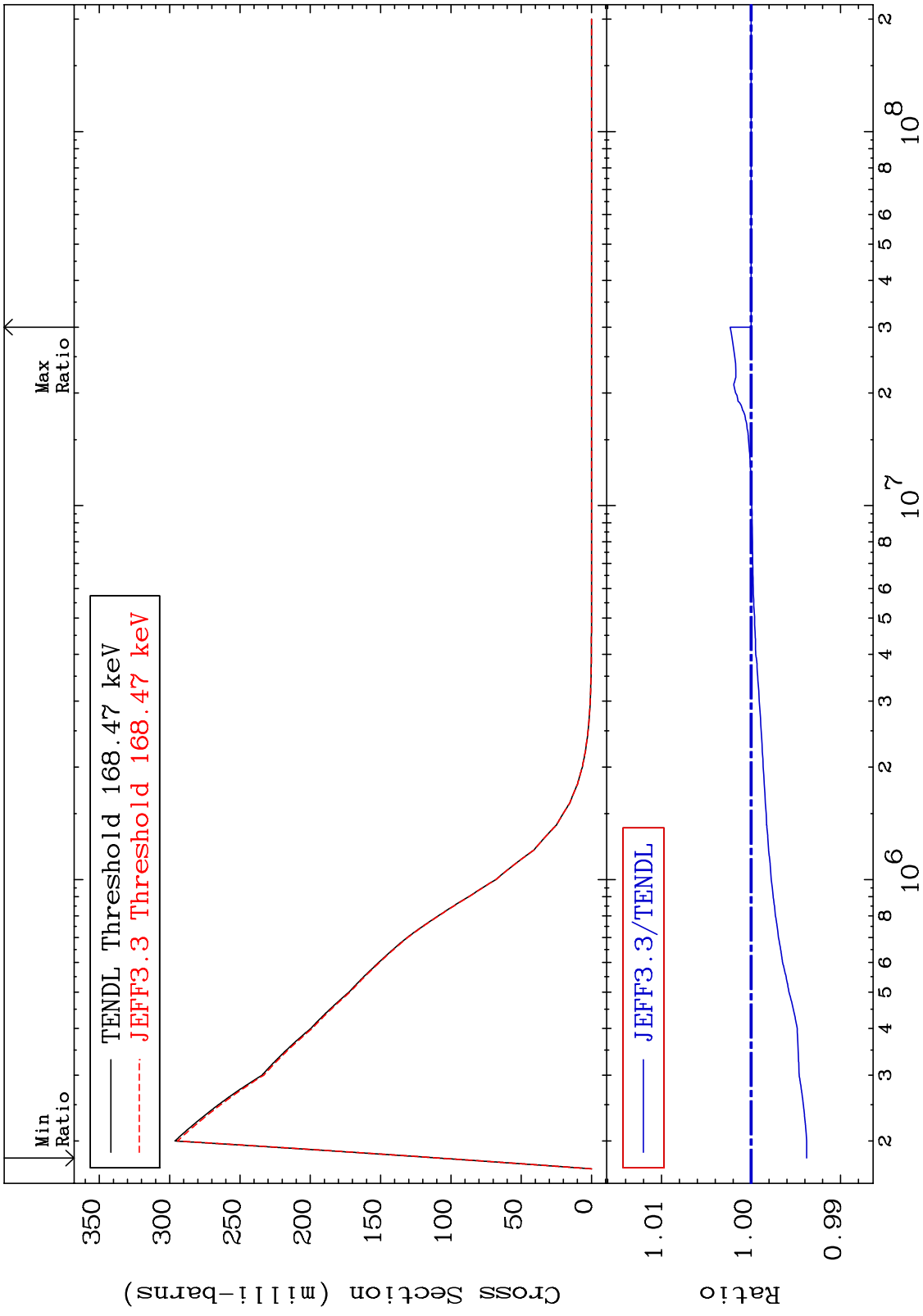
MAT 6522 MT= 54 (n,n') Level Cross Section 65-Tb-158 -0.653 To 0.000 %



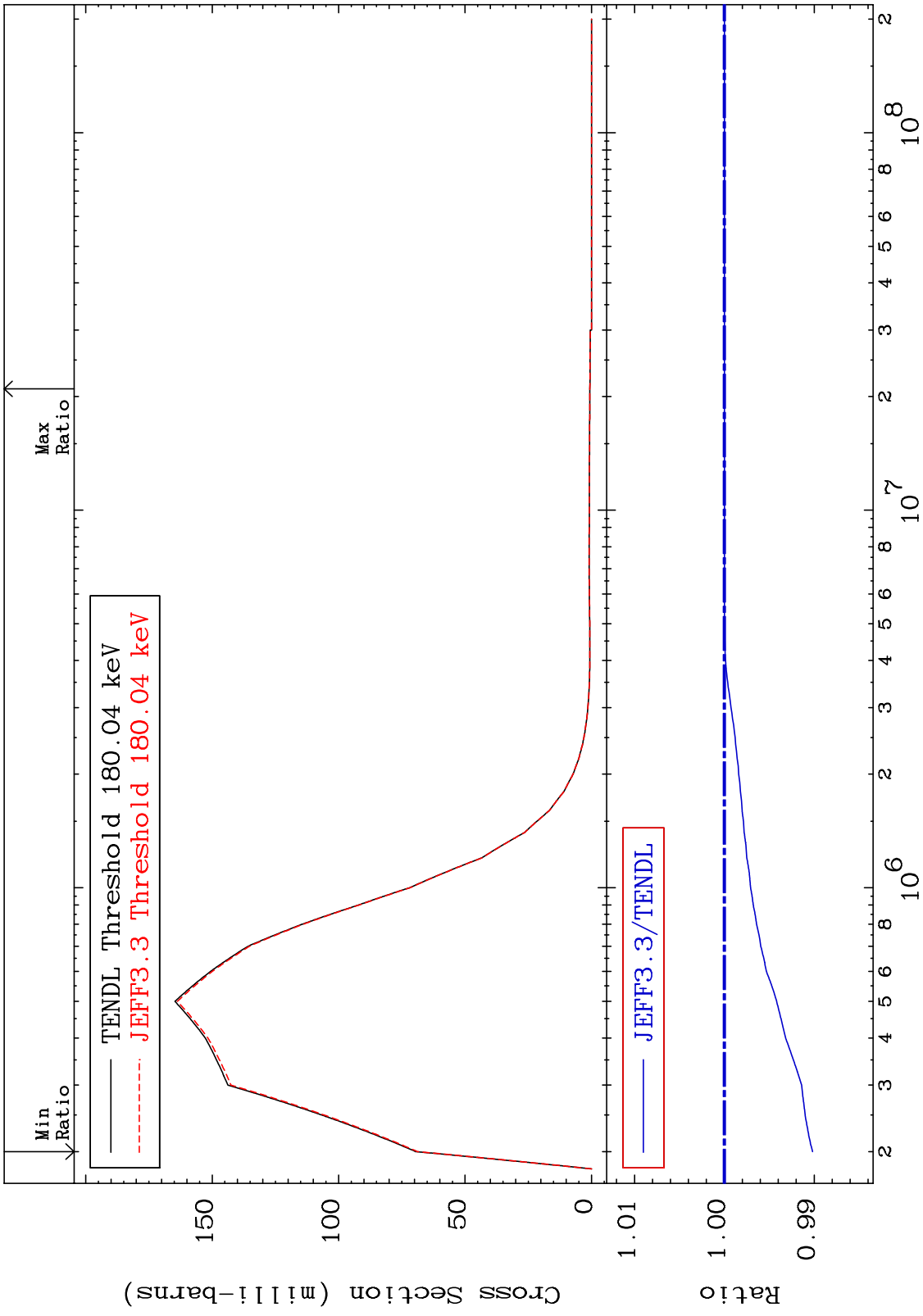
MAT 6522 MT= 55 (n,n') Level Cross Section 65-Tb-158 -0.872 To 0.233 %



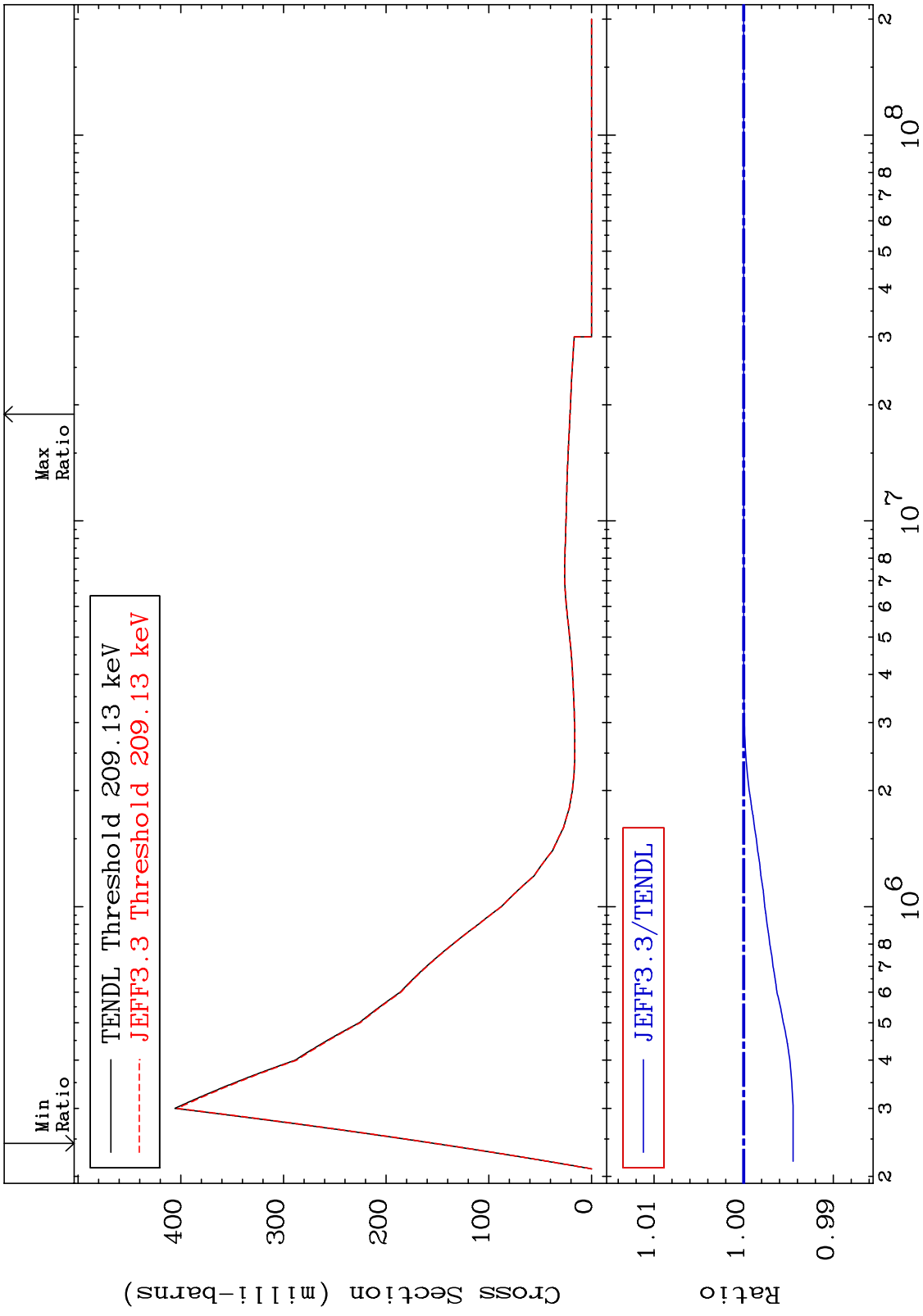
MAT 6522 MT= 56 (n,n') Level Cross Section 65-Tb-158 -0.621 To 0.233 %



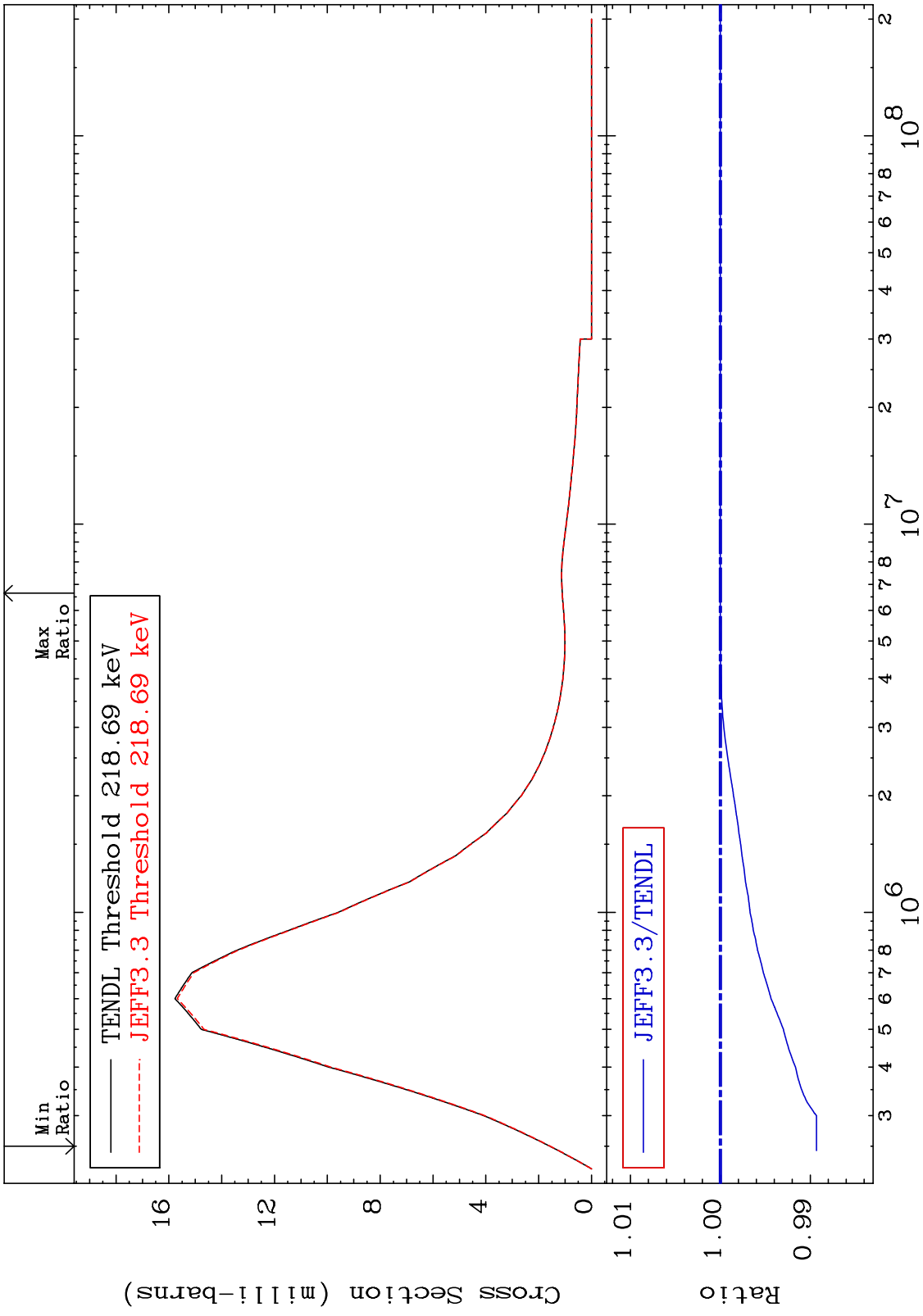
MAT 6522 MT= 57 (n,n') Level Cross Section 65-Tb-158 -0.982 To 0.000 %



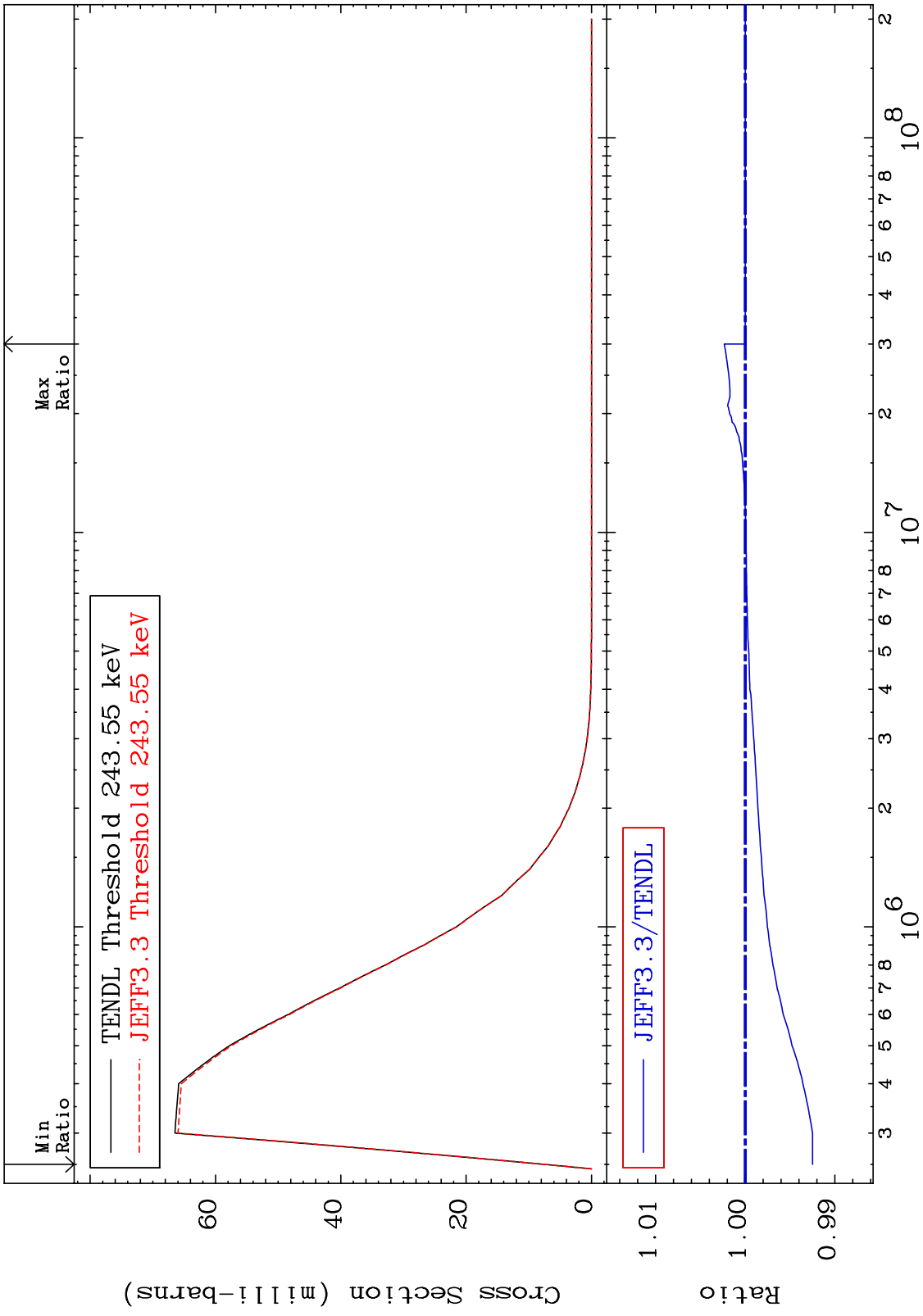
MAT 6522 MT= 58 (n,n') Level Cross Section 65-Tb-158 -0.552 To 0.000 %



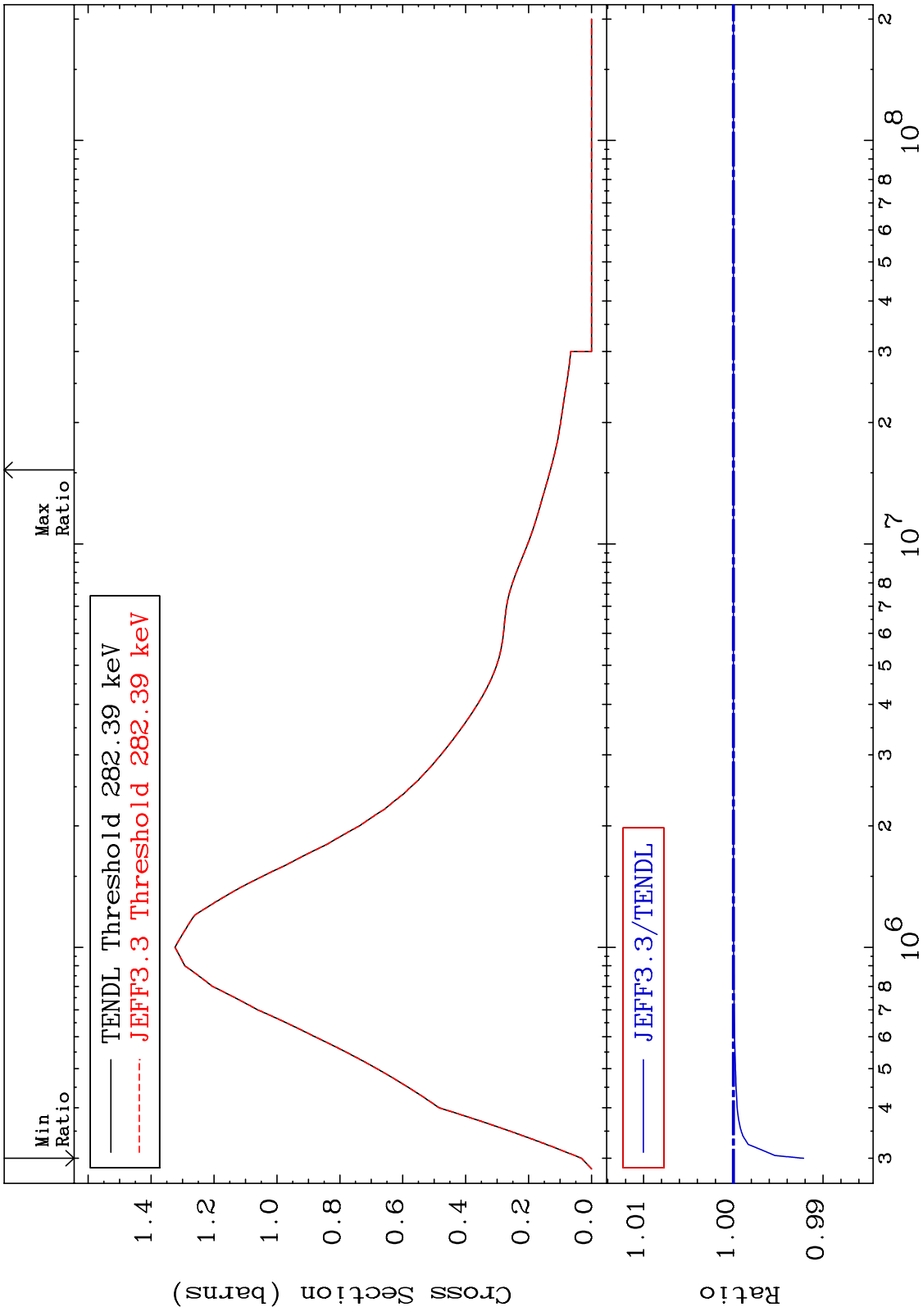
MAT 6522 MT= 59 (n,n') Level Cross Section -1.070 To 0.000 % 65-Tb-158



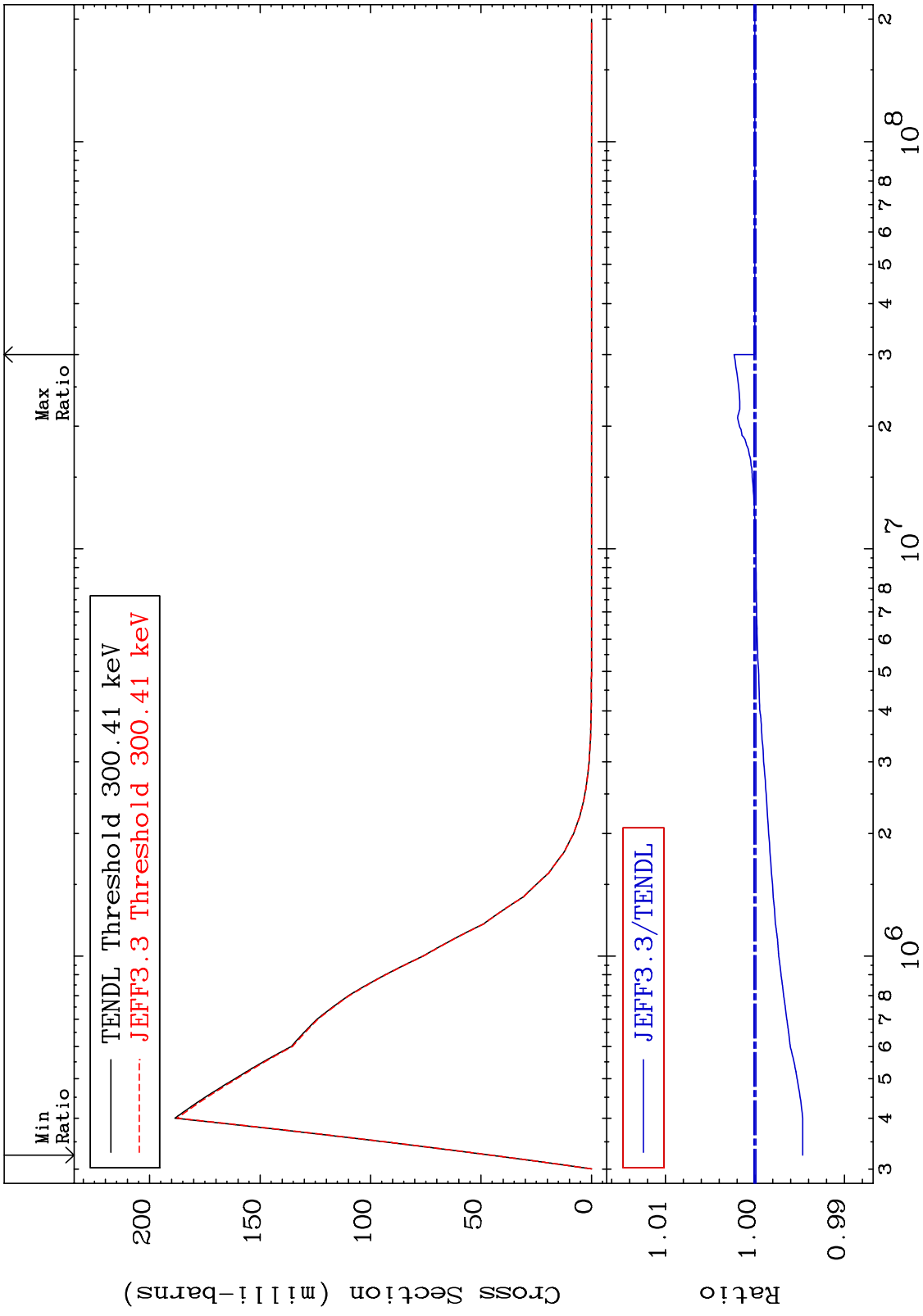
MAT 6522 MT= 60 (n,n') Level Cross Section 65-Tb-158 -0.753 To 0.233 %



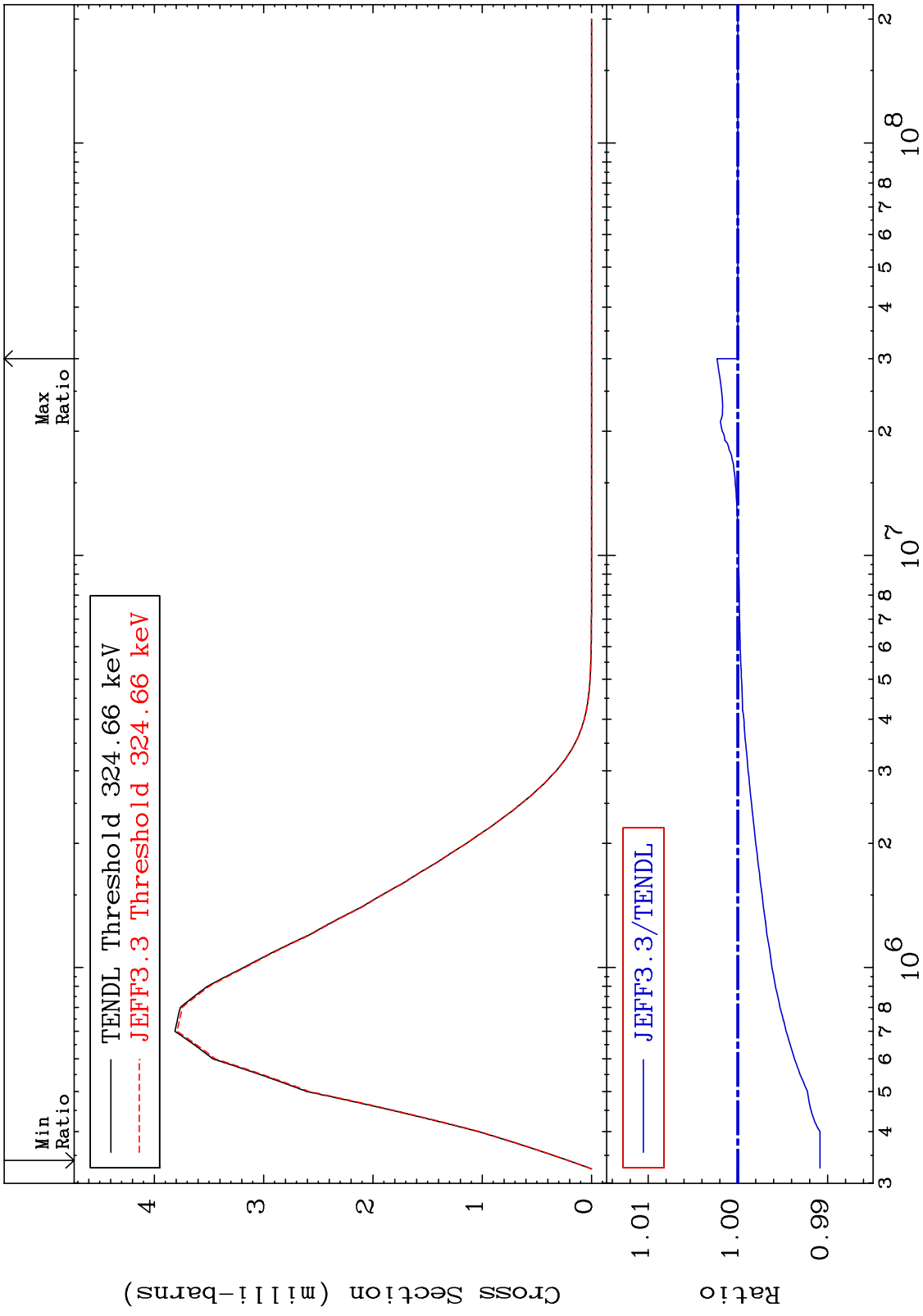
MAT 6522 MT= 61 (n,n') Level Cross Section 65-Tb-158 -0.783 To 0.000 %



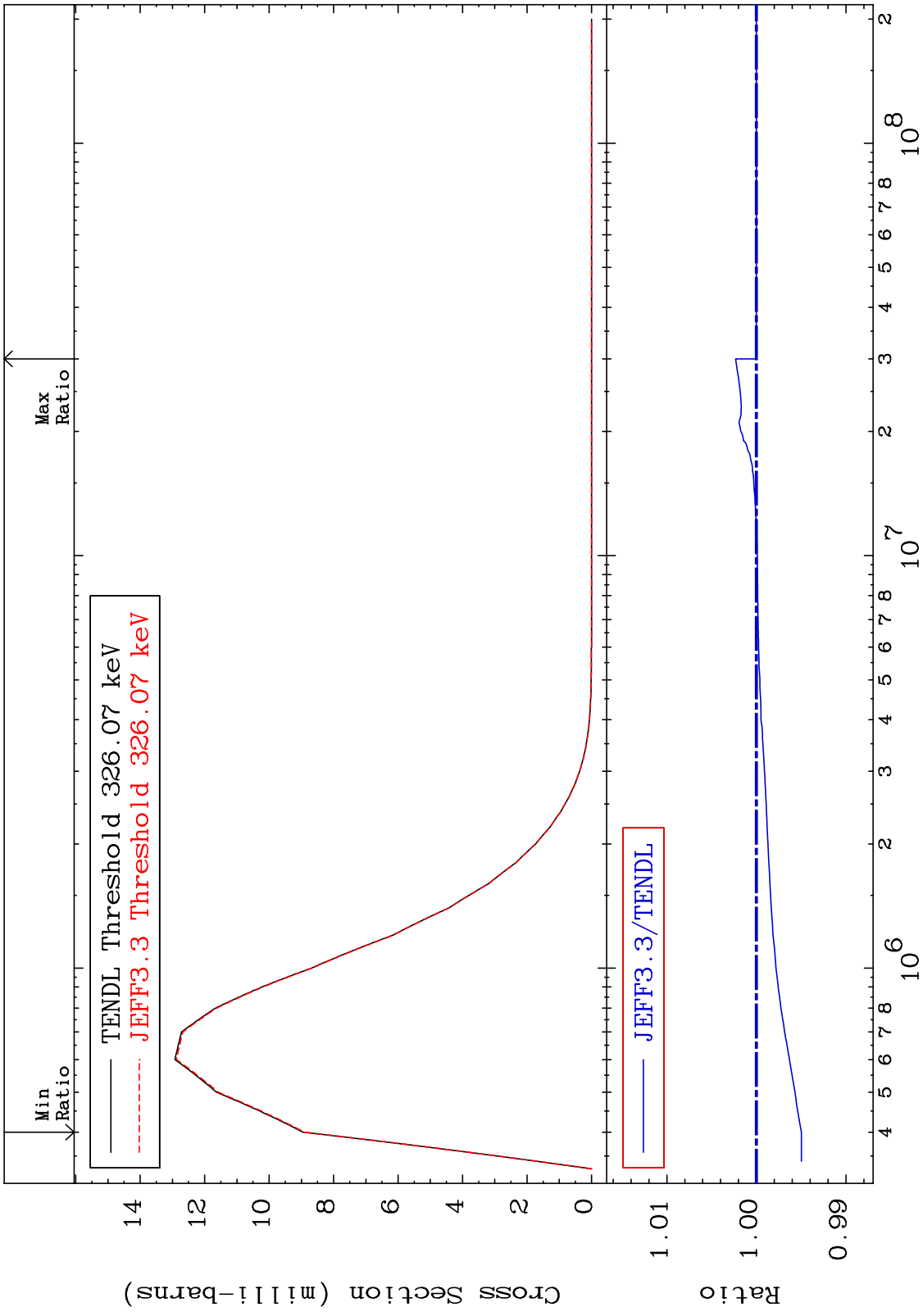
MAT 6522 MT= 62 (n,n') Level Cross Section 65-Tb-158 -0.535 To 0.233 %



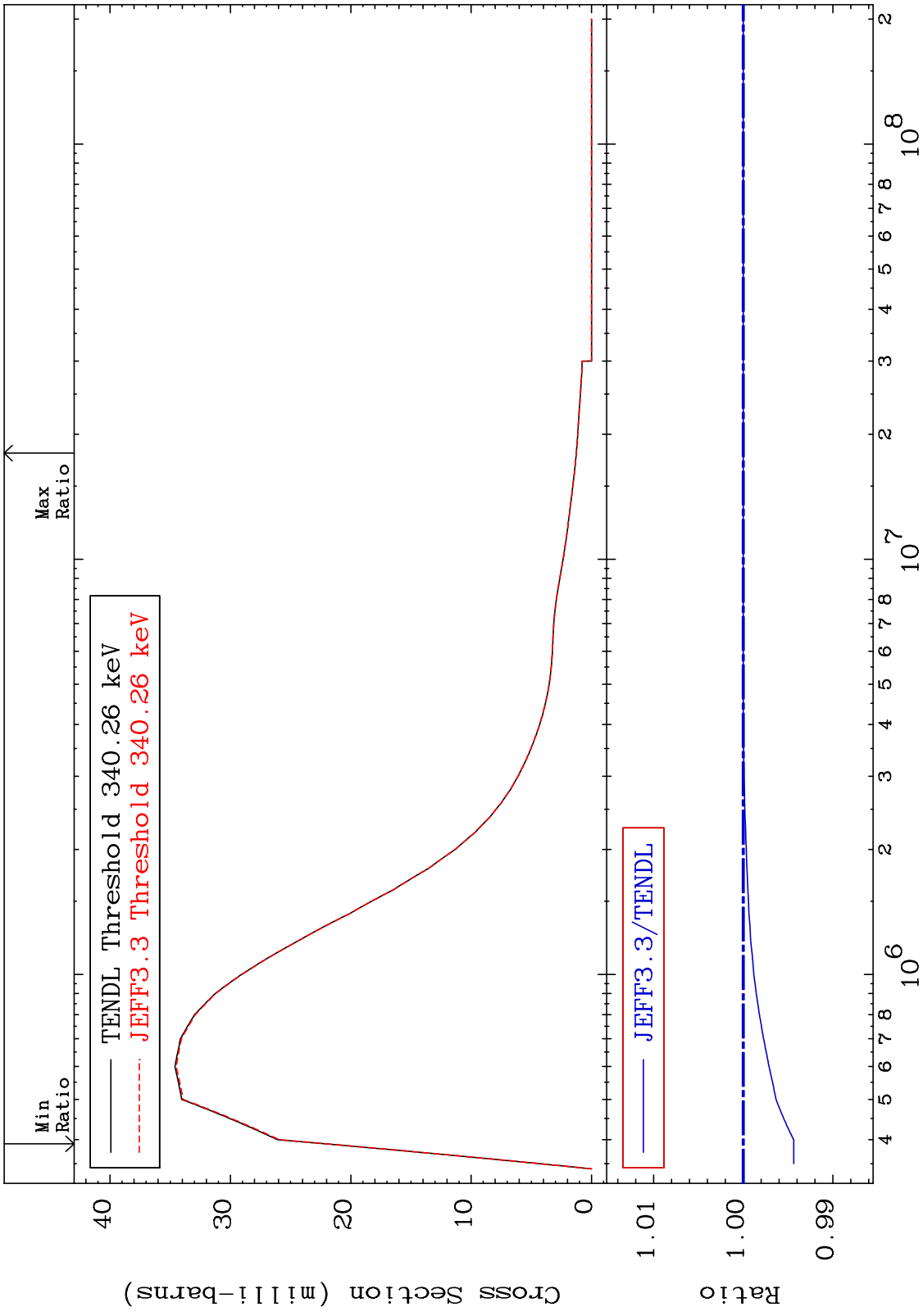
MAT 6522 MT= 63 (n,n') Level Cross Section 65-Tb-158 -0.915 To 0.233 %



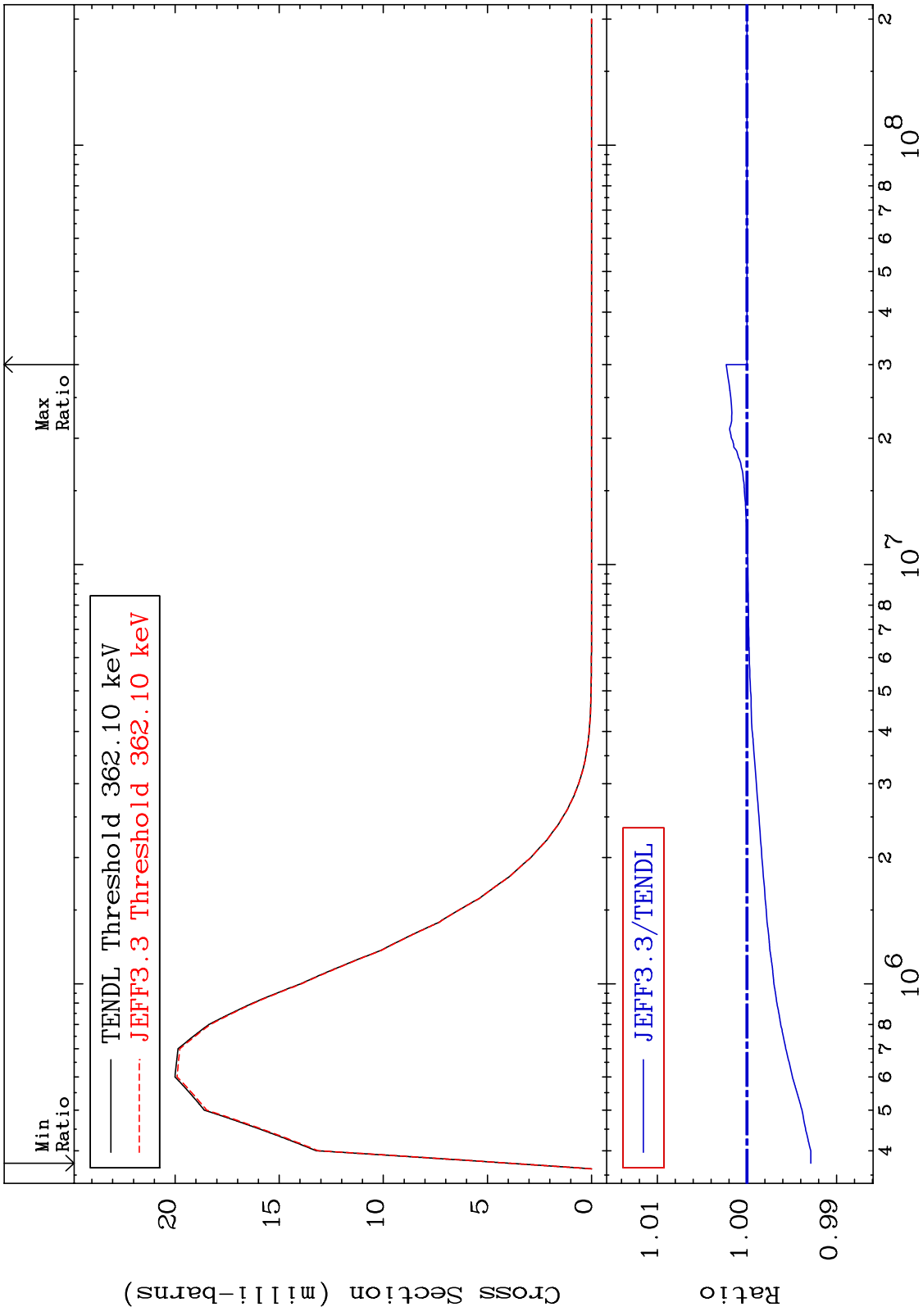
MAT 6522 MT= 64 (n,n') Level Cross Section 65-Tb-158  
 -0.502 To 0.233 %



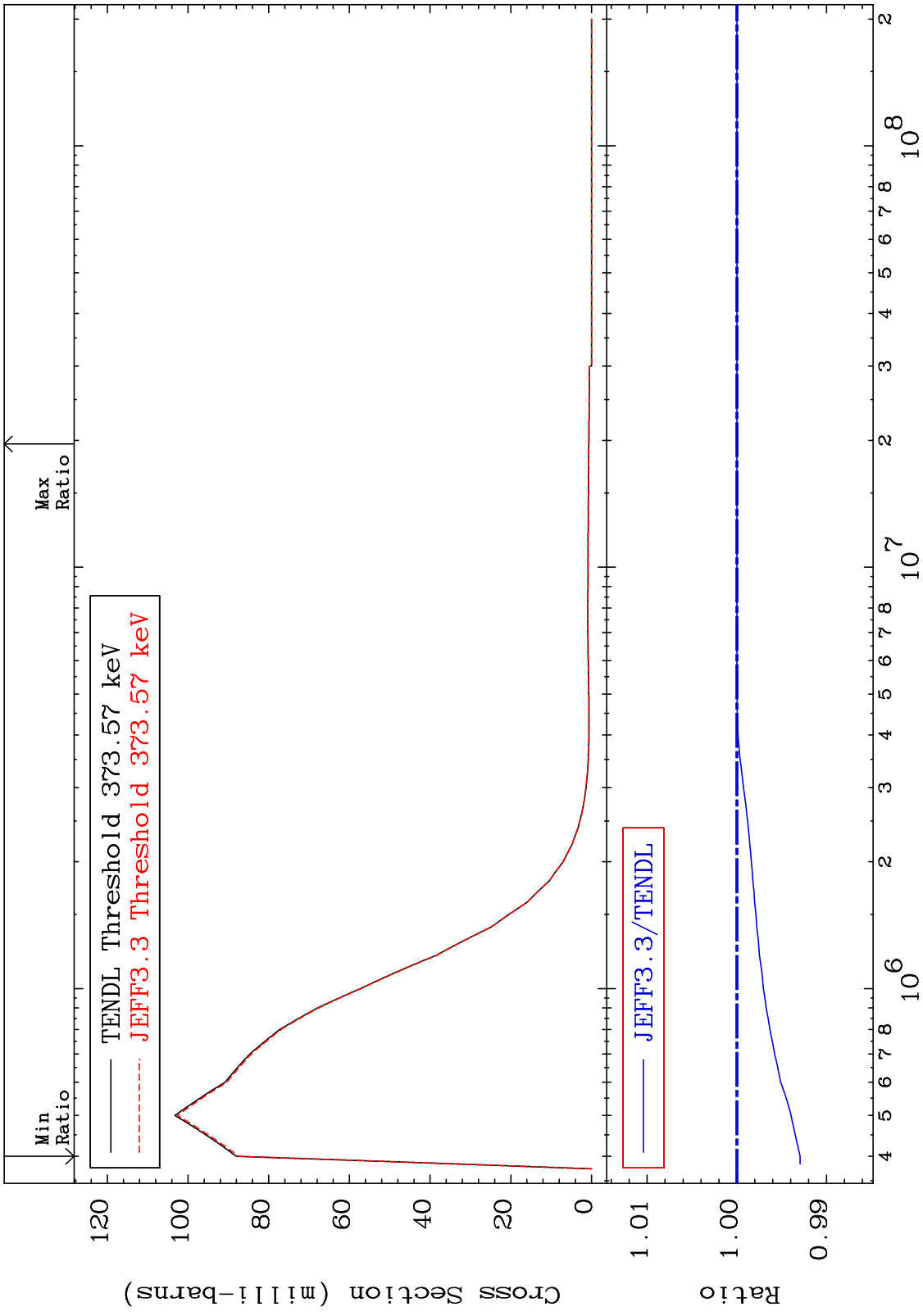
MAT 6522 MT= 65 (n,n') Level Cross Section 65-Tb-158 -0.563 To 0.000 %



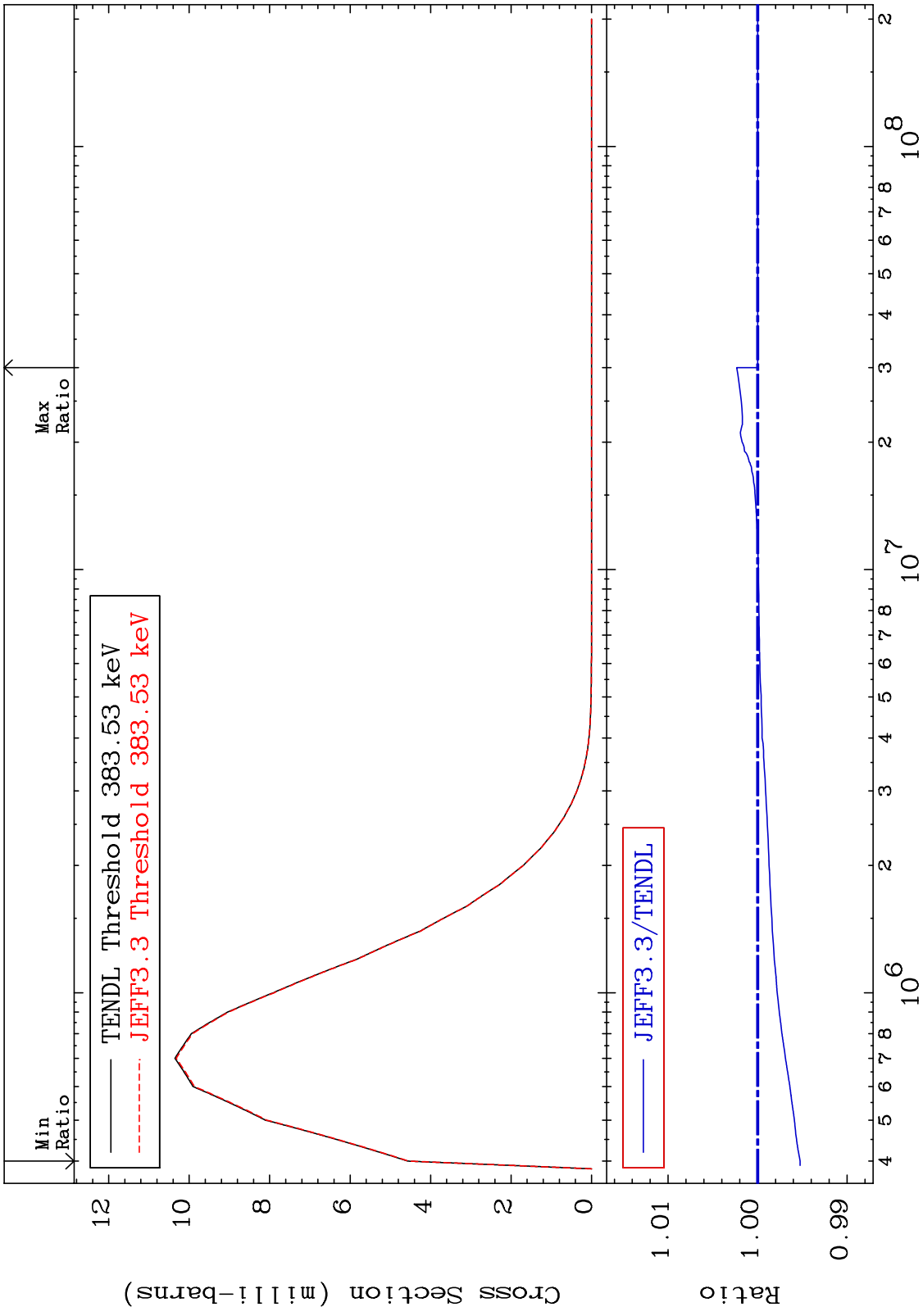
MAT 6522 MT= 66 (n,n') Level Cross Section 65-Tb-158 -0.712 To 0.233 %



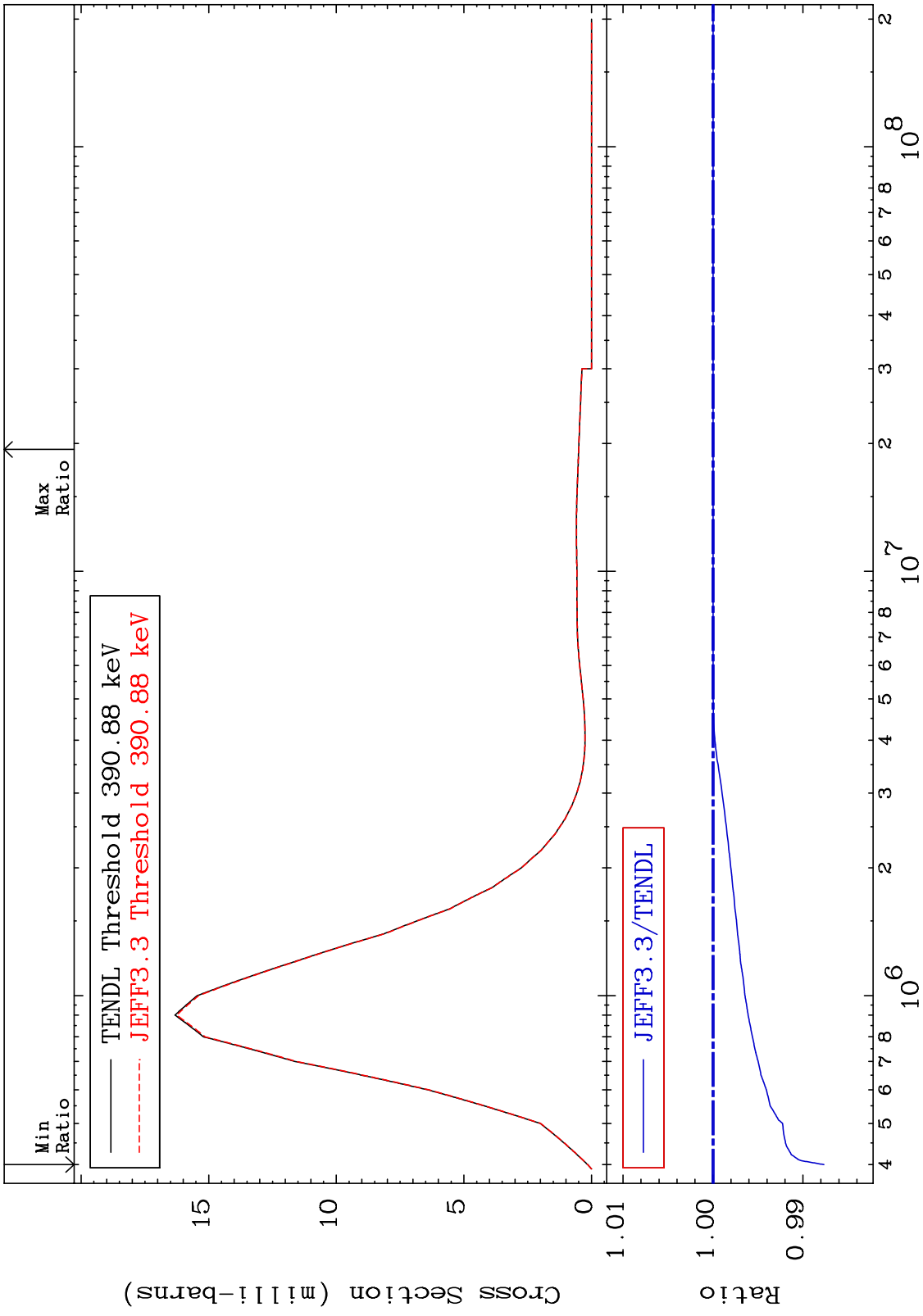
MAT 6522 MT= 67 (n,n') Level Cross Section 65-Tb-158 -0.704 To 0.000 %



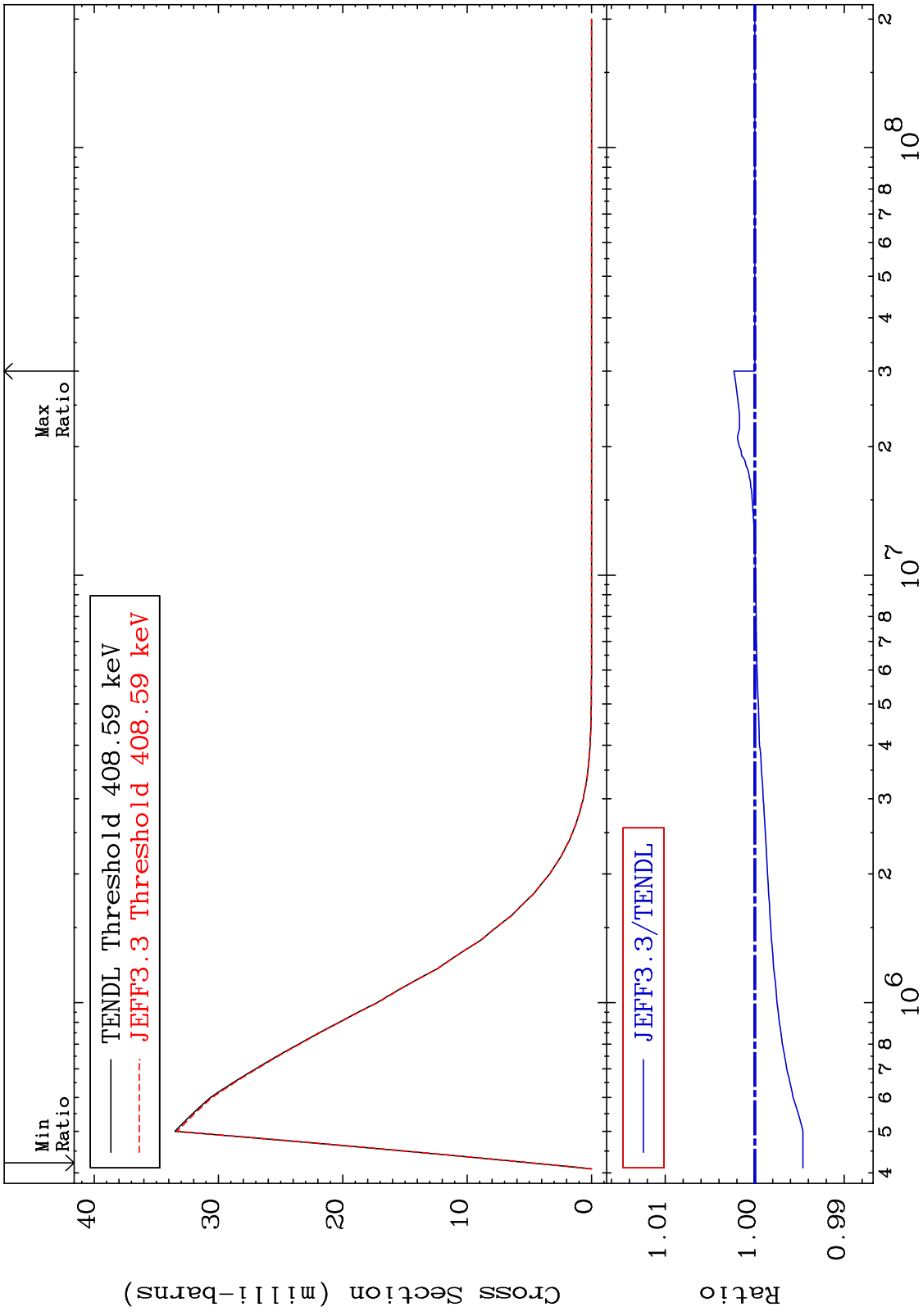
MAT 6522 MT= 68 (n,n') Level Cross Section 65-Tb-158 -0.476 To 0.233 %



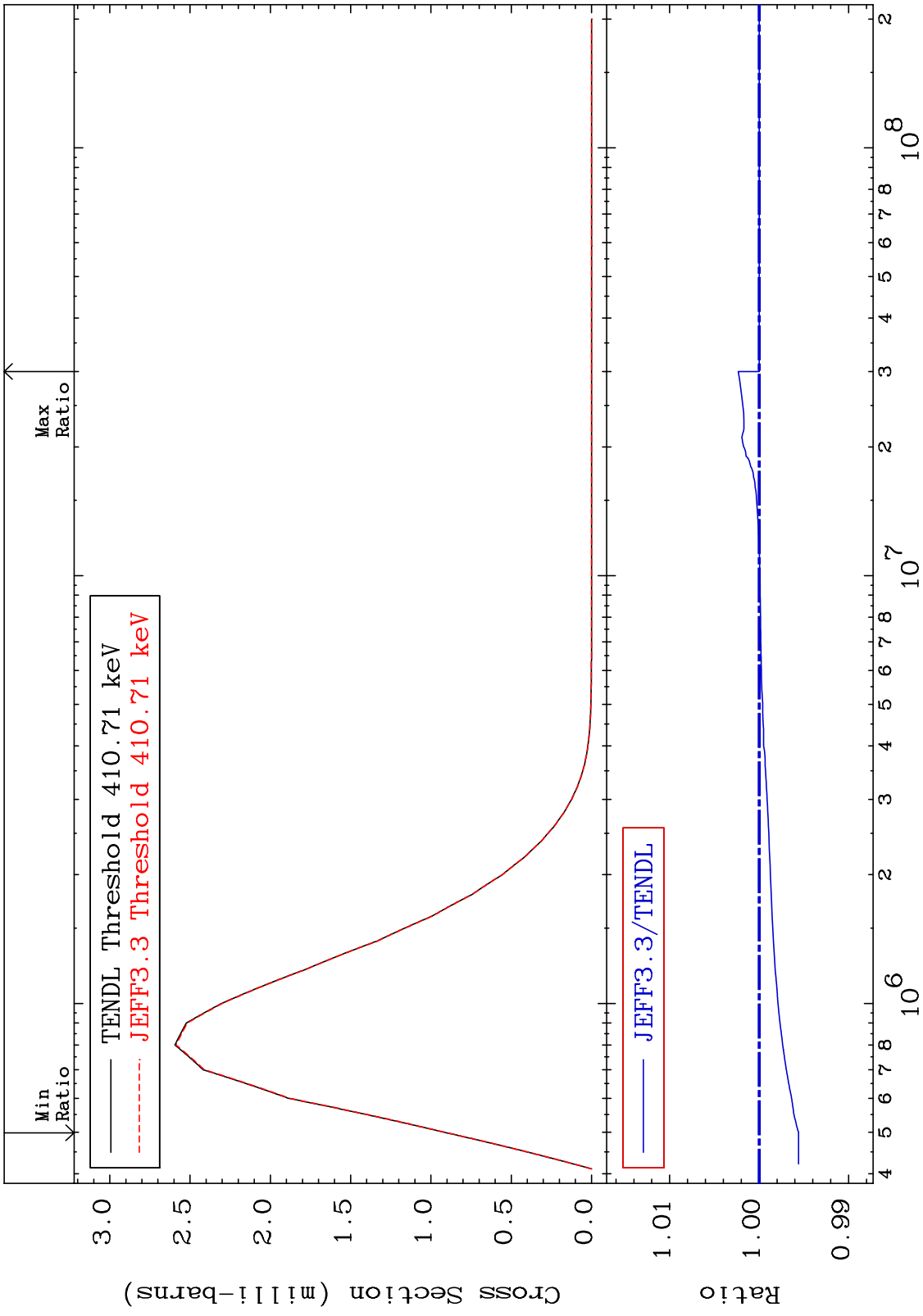
MAT 6522 MT= 69 (n,n') Level Cross Section 65-Tb-158 -1.233 To 0.000 %



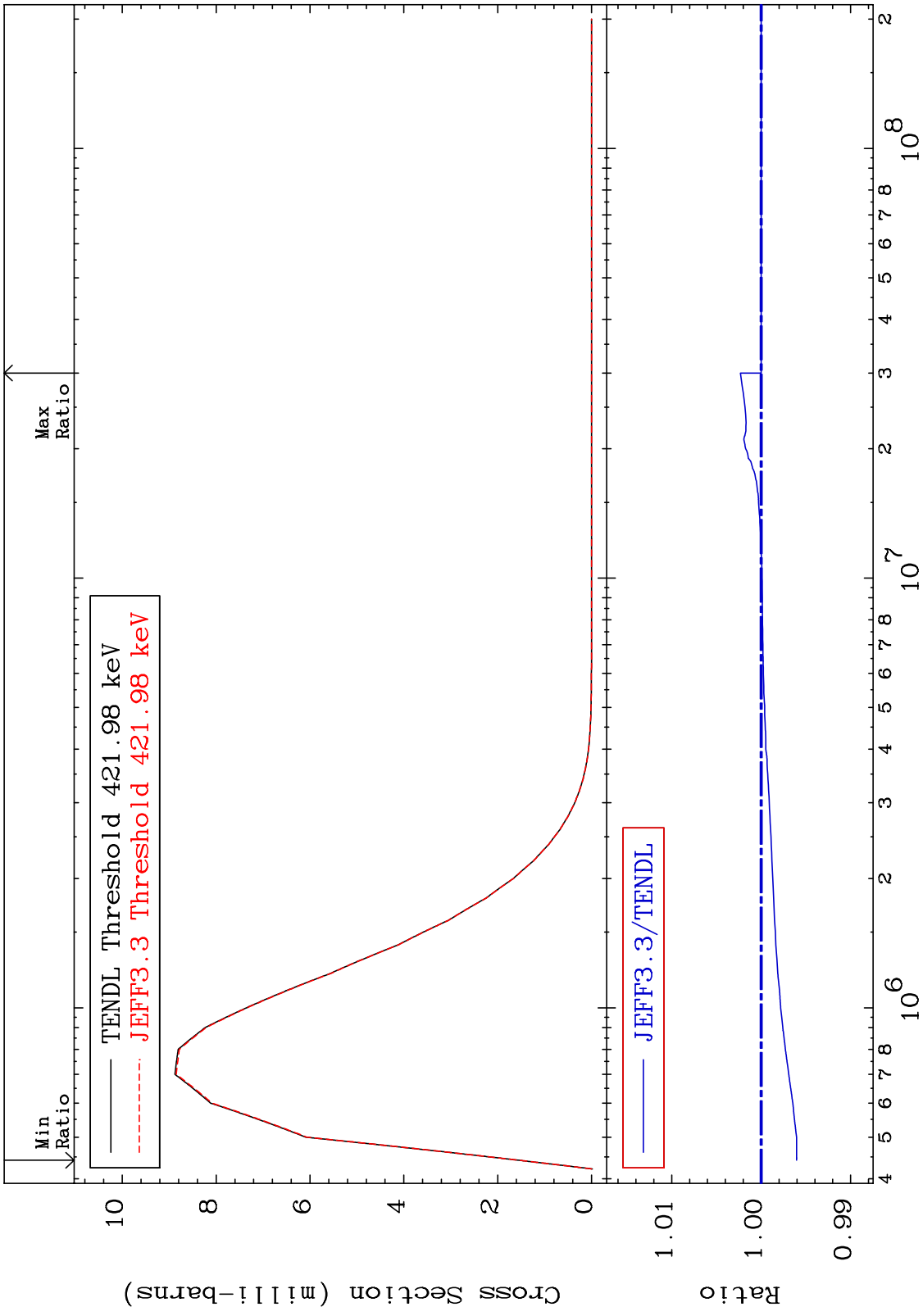
MAT 6522 MT= 70 (n,n') Level Cross Section 65-Tb-158  
 -0.539 To 0.233 %



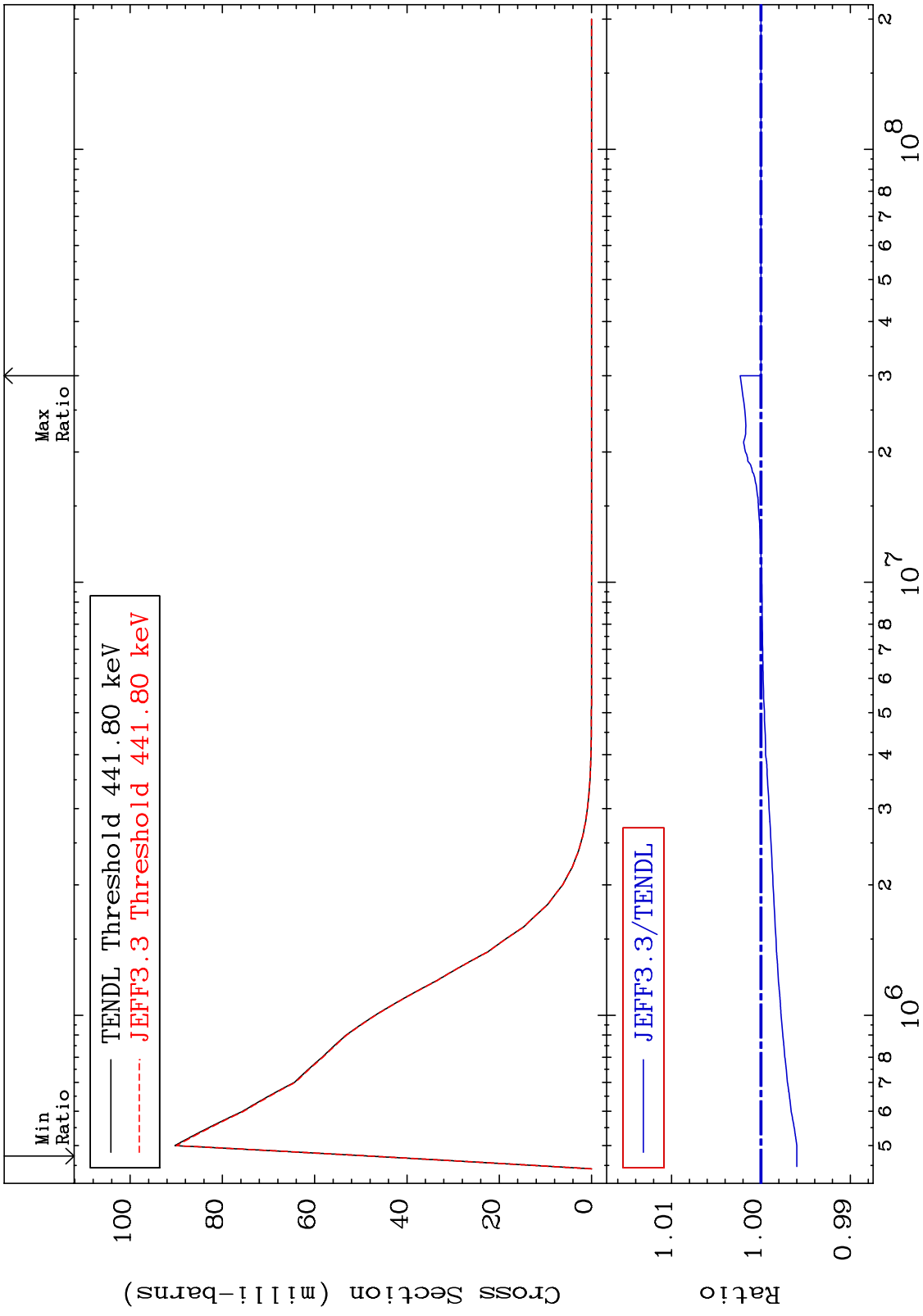
MAT 6522 MT= 71 (n,n') Level Cross Section 65-Tb-158  
 -0.441 To 0.233 %



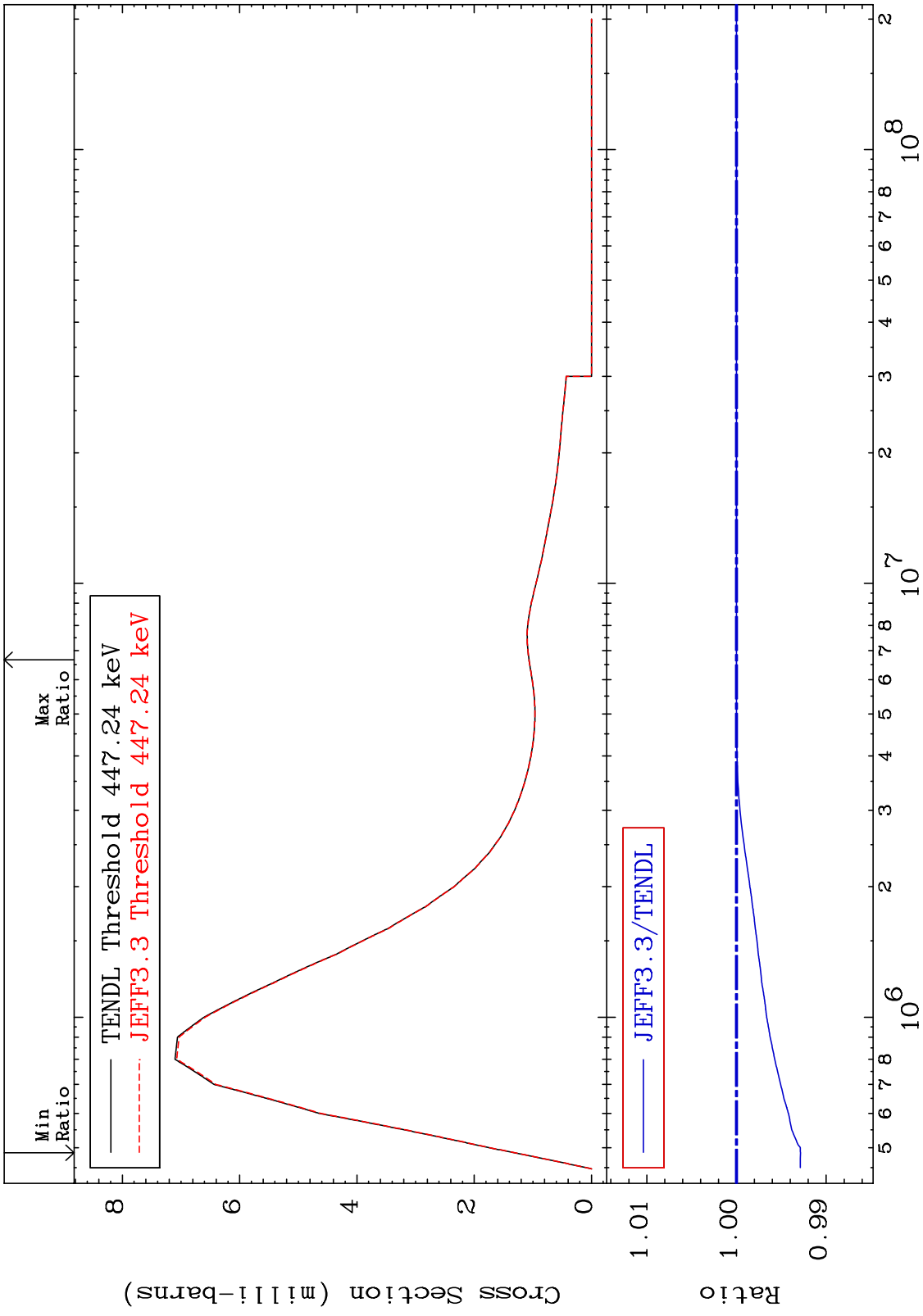
MAT 6522 MT= 72 (n,n') Level Cross Section 65-Tb-158  
 -0.396 To 0.233 %



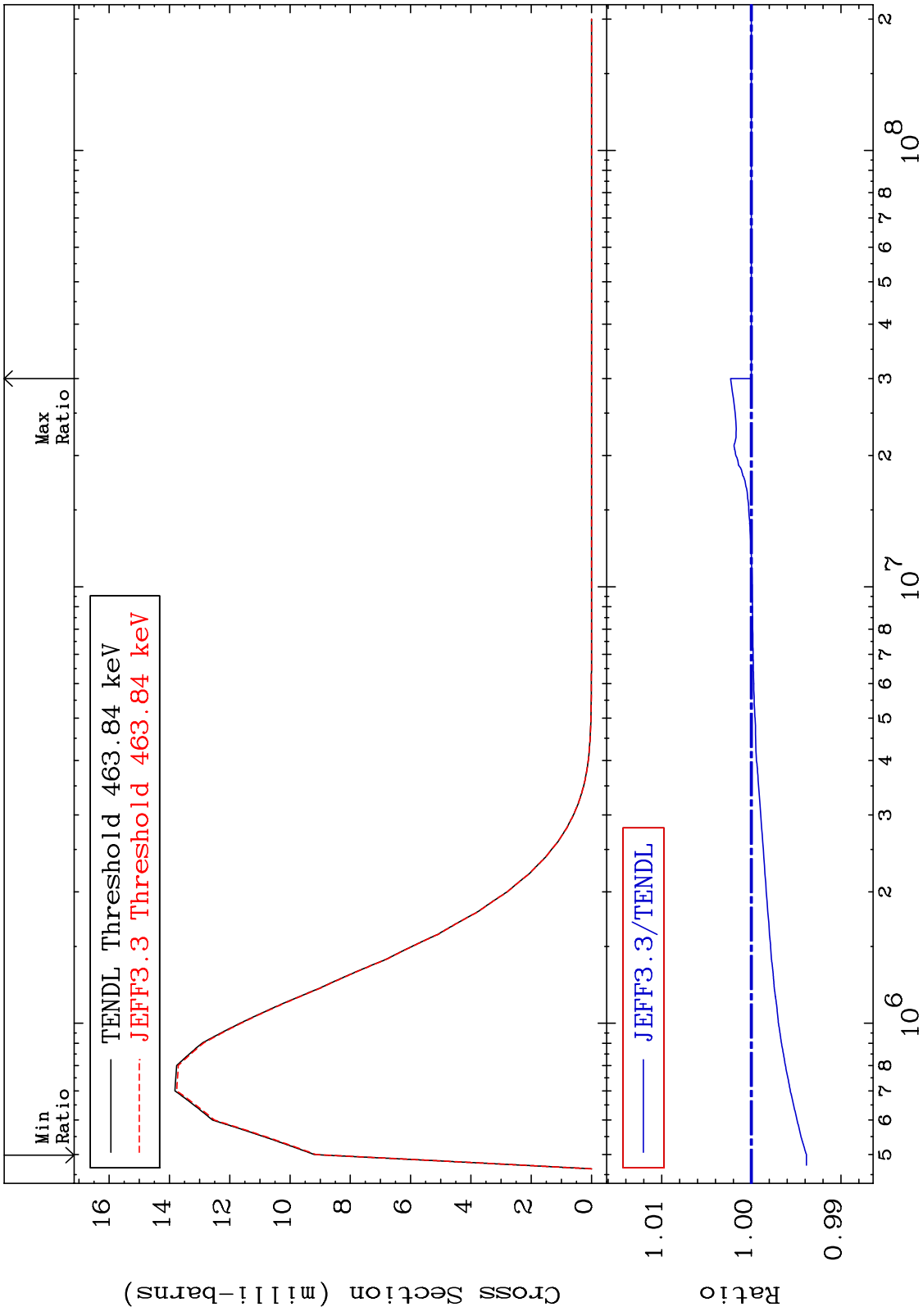
MAT 6522 MT= 73 (n,n') Level Cross Section 65-Tb-158  
 -0.401 To 0.233 %



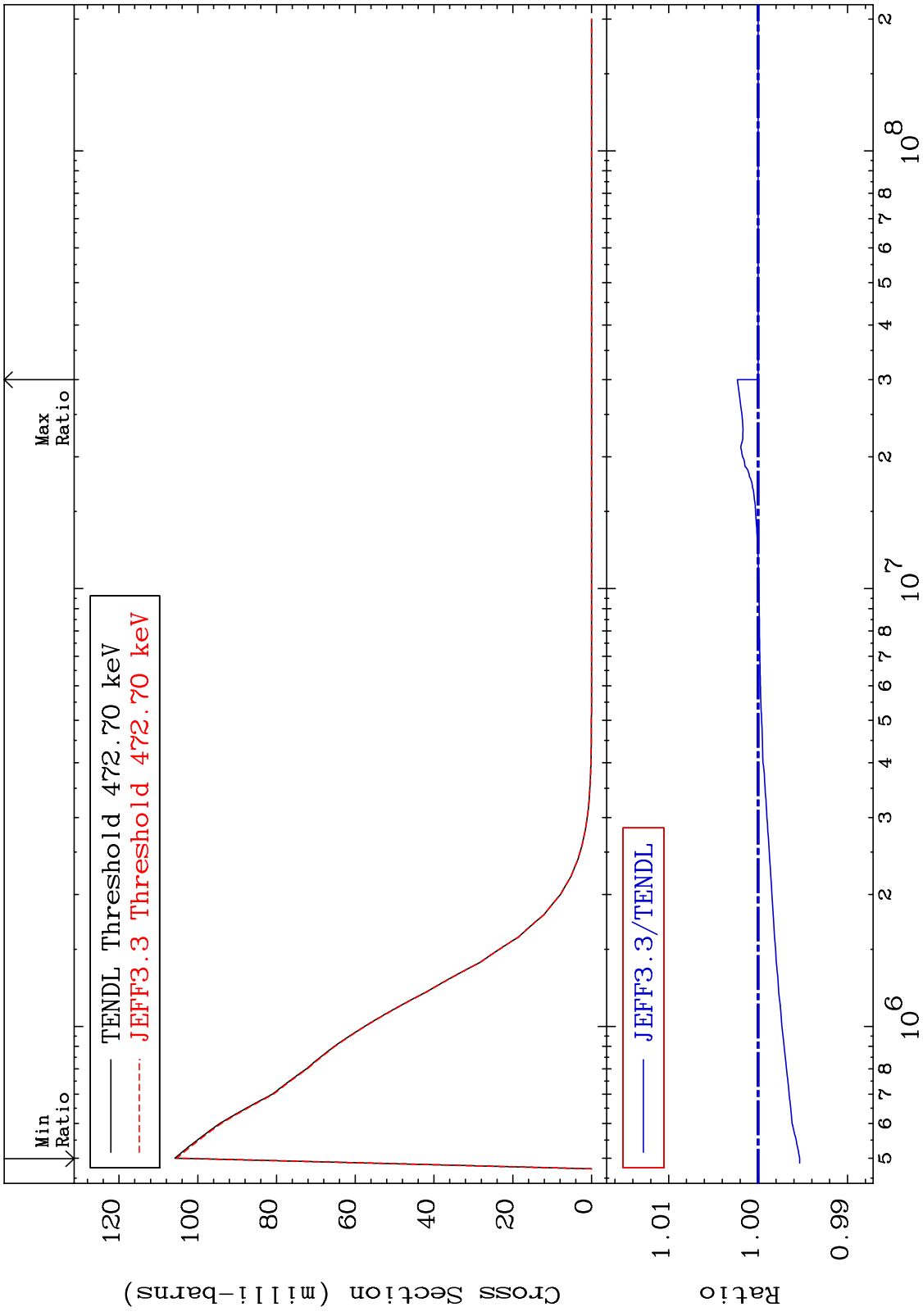
MAT 6522 MT= 74 (n,n') Level Cross Section 65-Tb-158 -0.713 To 0.000 %



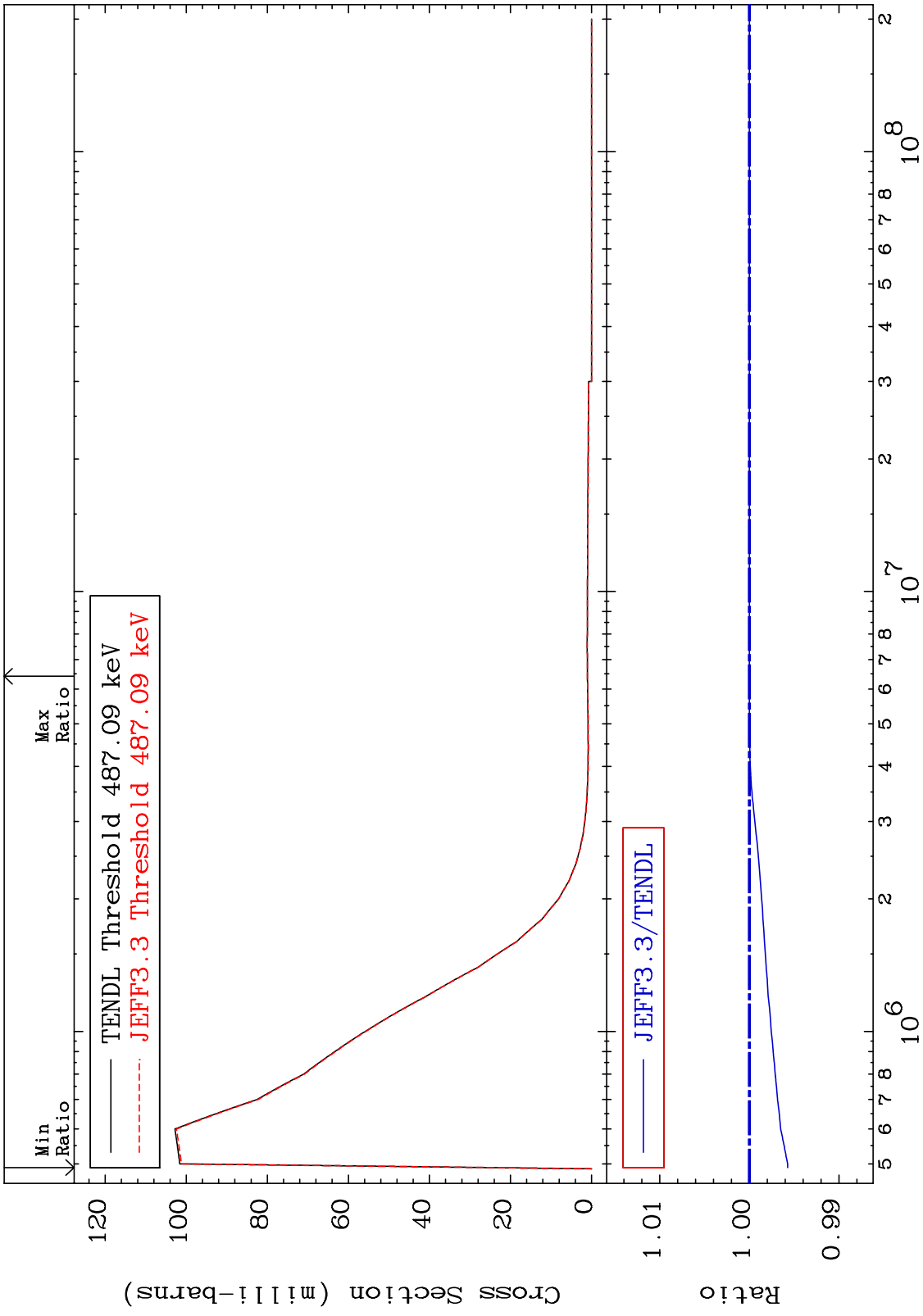
MAT 6522 MT= 75 (n,n') Level Cross Section 65-Tb-158  
 -0.614 To 0.233 %



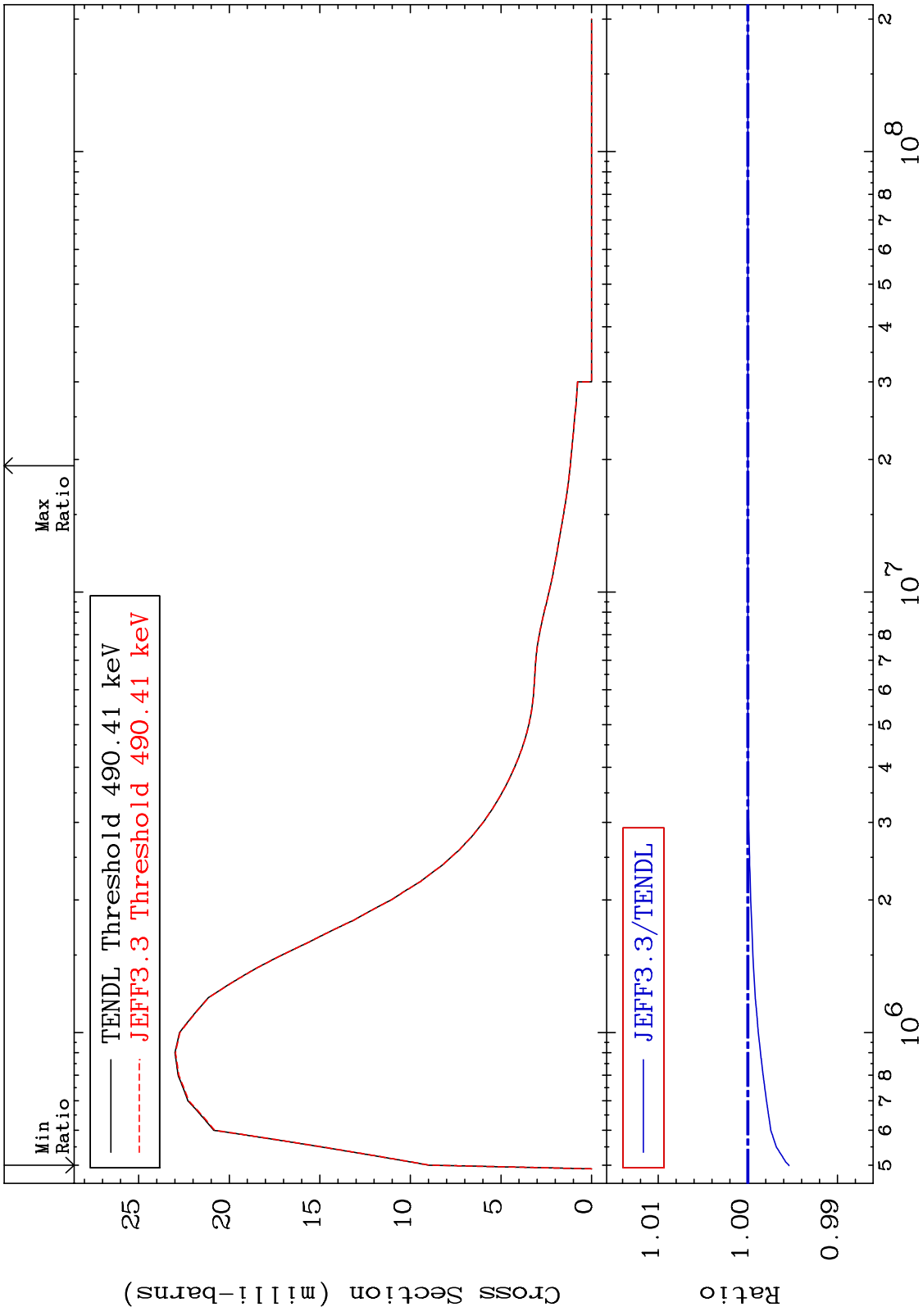
MAT 6522 MT= 76 (n,n') Level Cross Section 65-Tb-158  
 -0.464 To 0.233 %



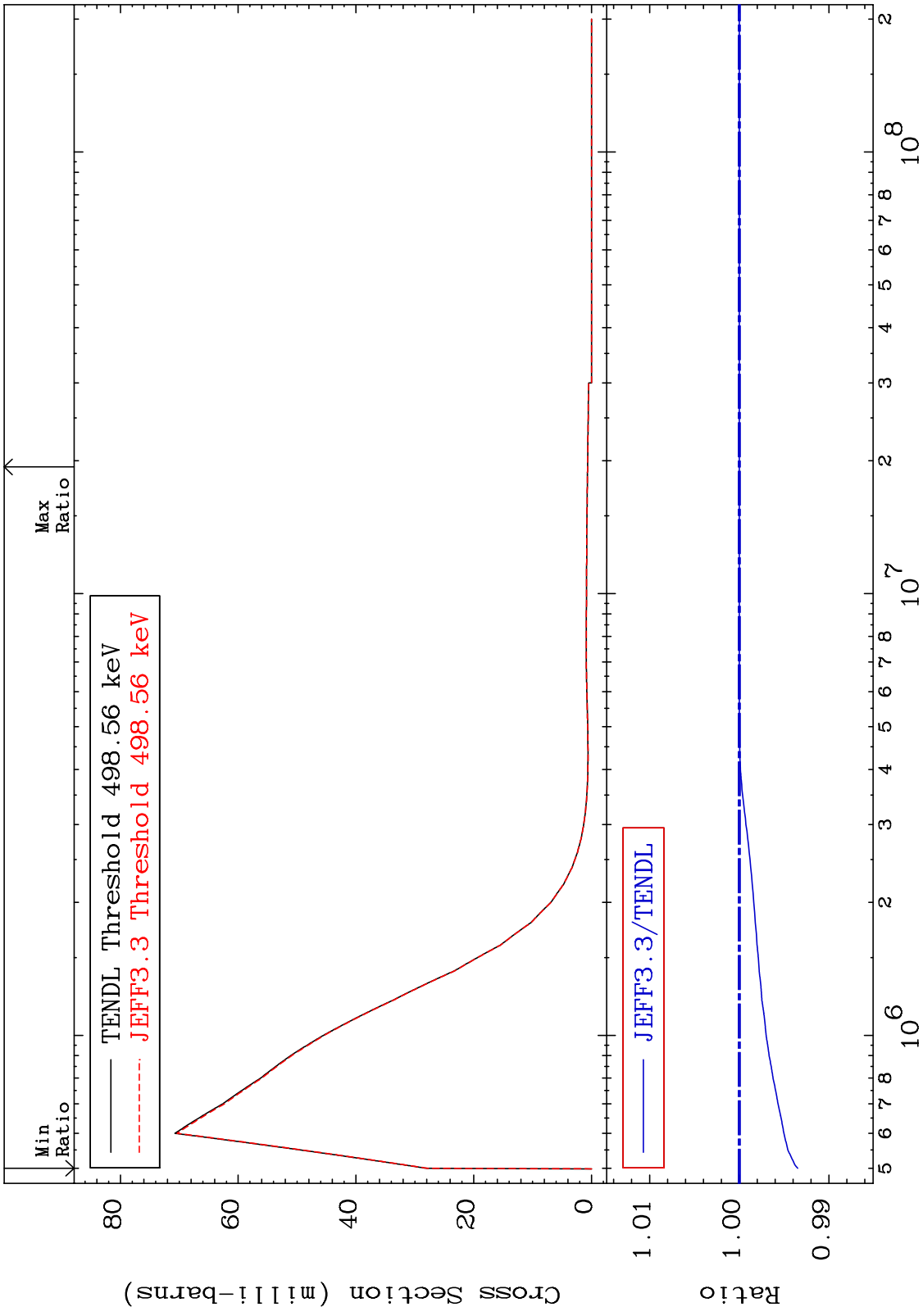
MAT 6522 MT= 77 (n,n') Level Cross Section 65-Tb-158 -0.426 To 0.000 %



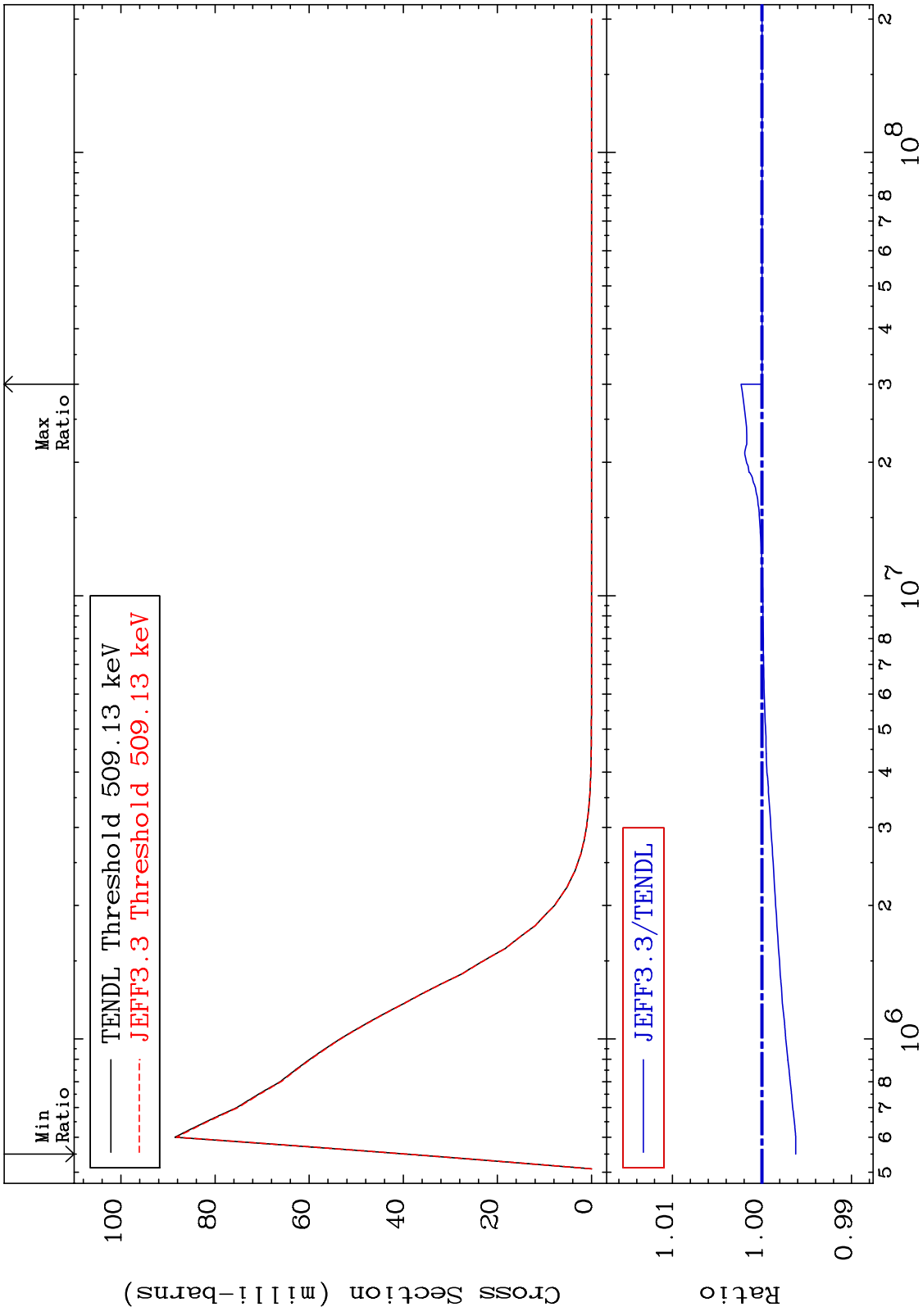
MAT 6522 MT= 78 (n,n') Level Cross Section 65-Tb-158  
 -0.458 To 0.000 %



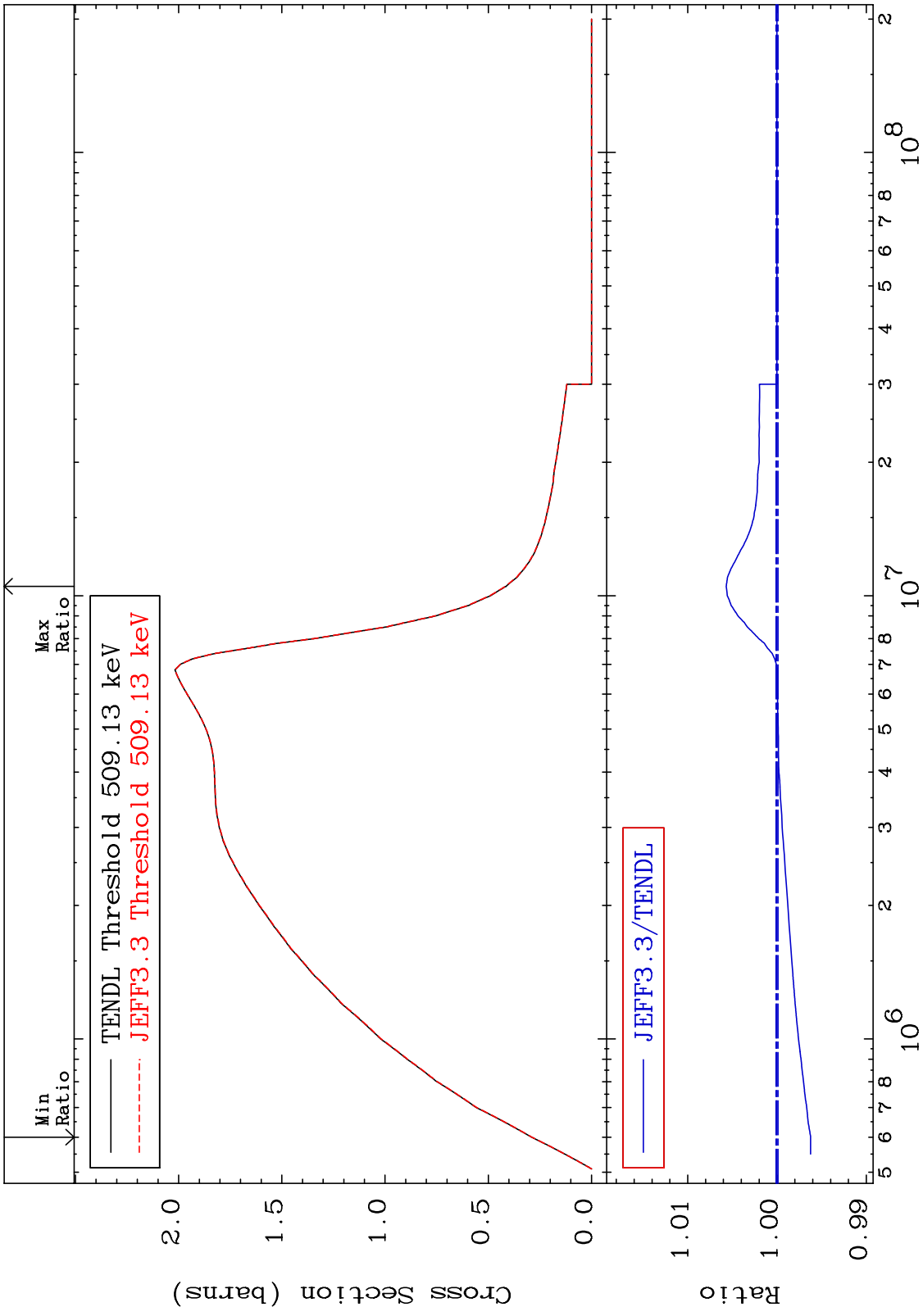
MAT 6522 MT= 79 (n,n') Level Cross Section 65-Tb-158 -0.650 To 0.000 %



MAT 6522 MT= 80 (n,n') Level Cross Section 65-Tb-158  
 -0.378 To 0.233 %



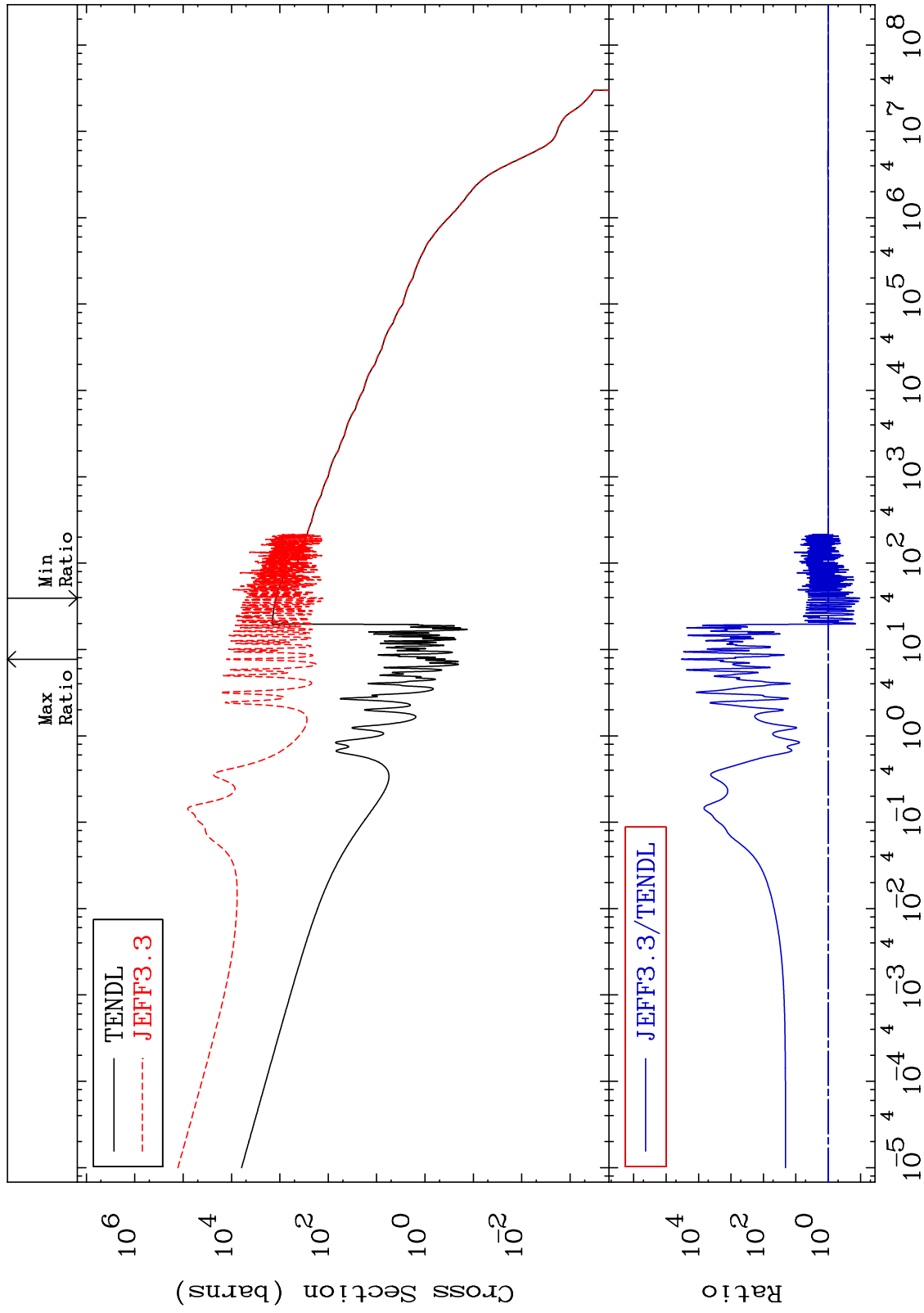
MAT 6522 65-Tb-158  
(n,n') Continuum  
Cross Section  
-0.377 To 0.569 %



MAT 6522

(n,  $\gamma$ )  
Cross Section

65-Tb-158  
-89.33 To 9999. %

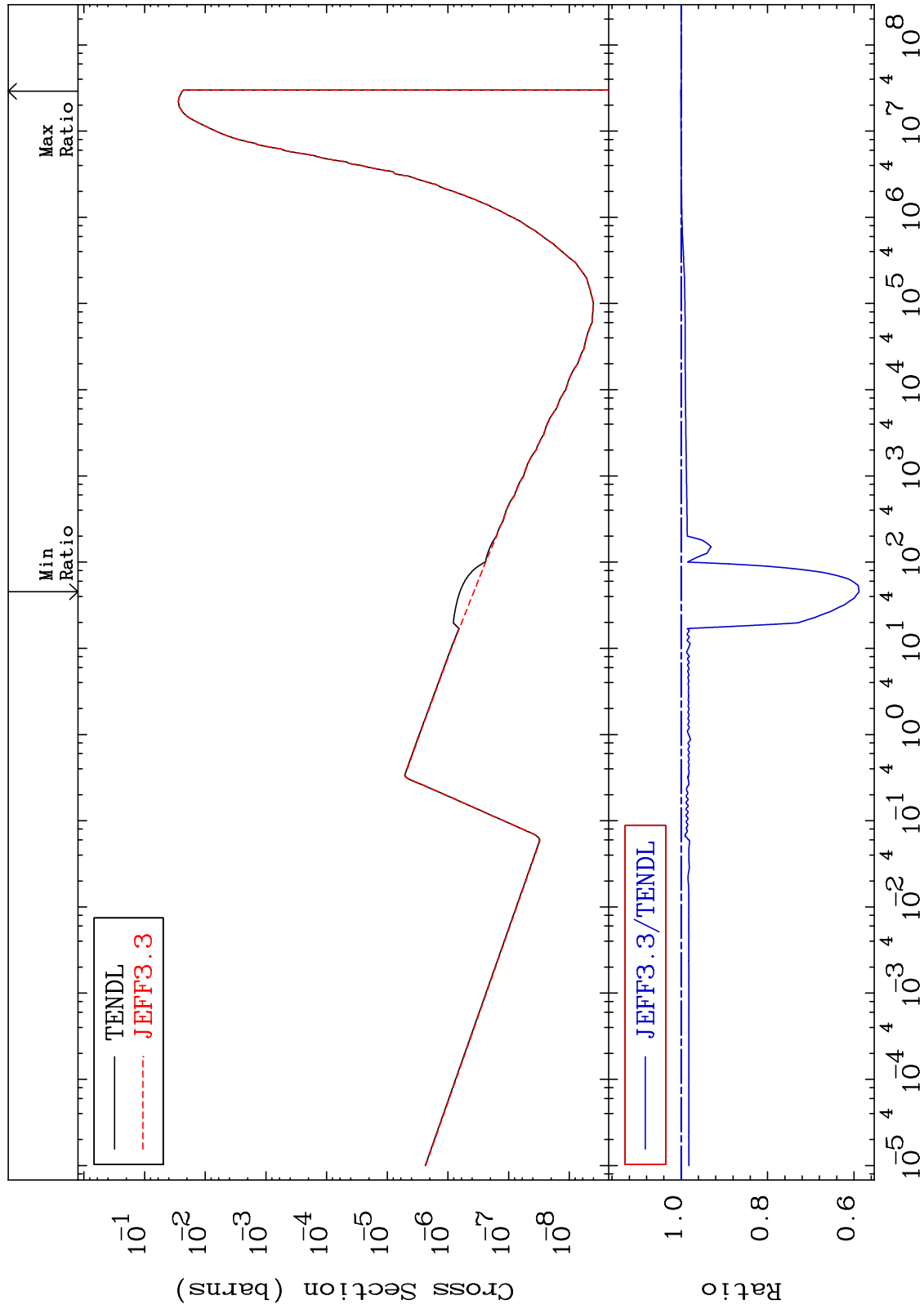


MAT 6522

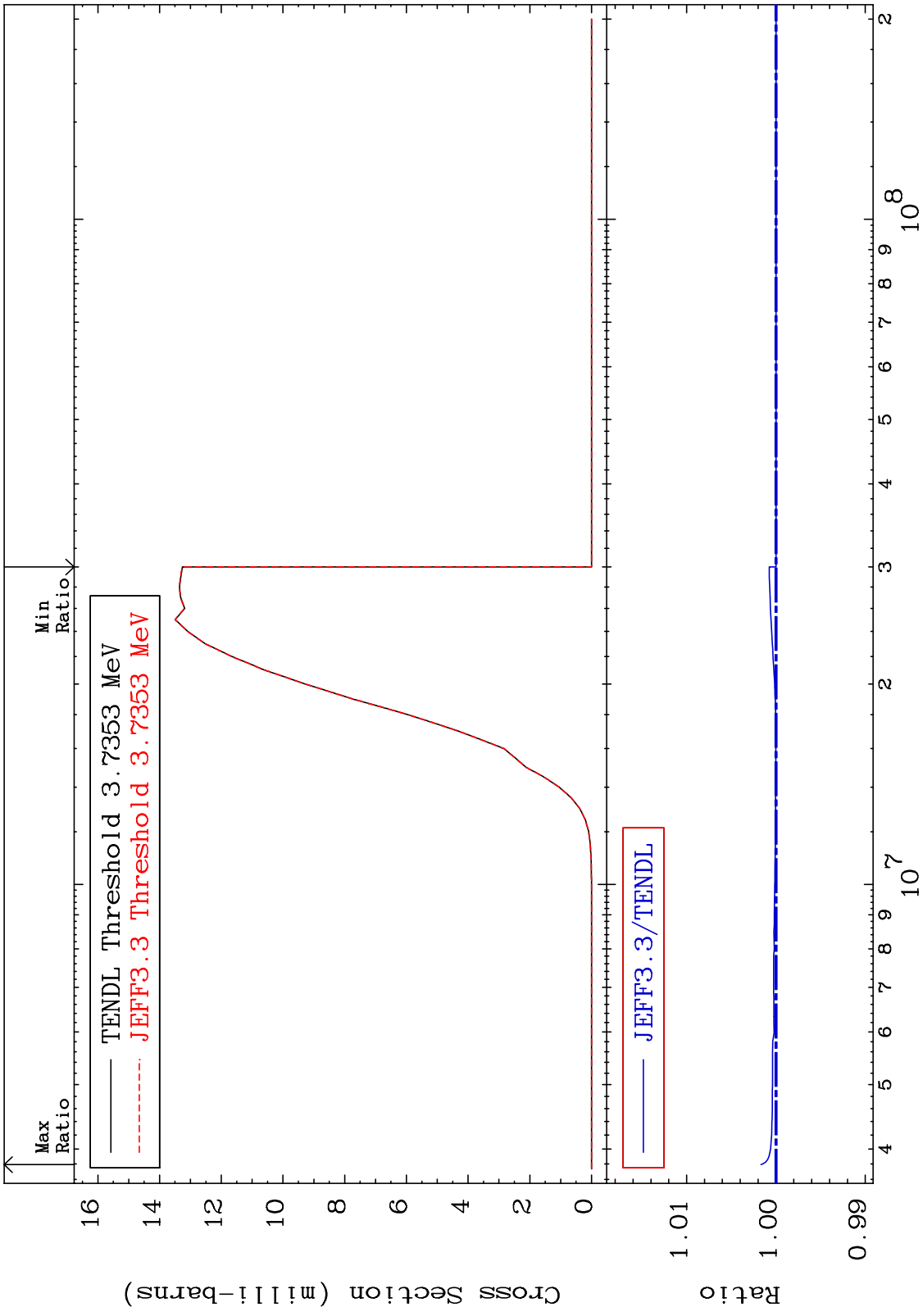
(n,p)

Cross Section

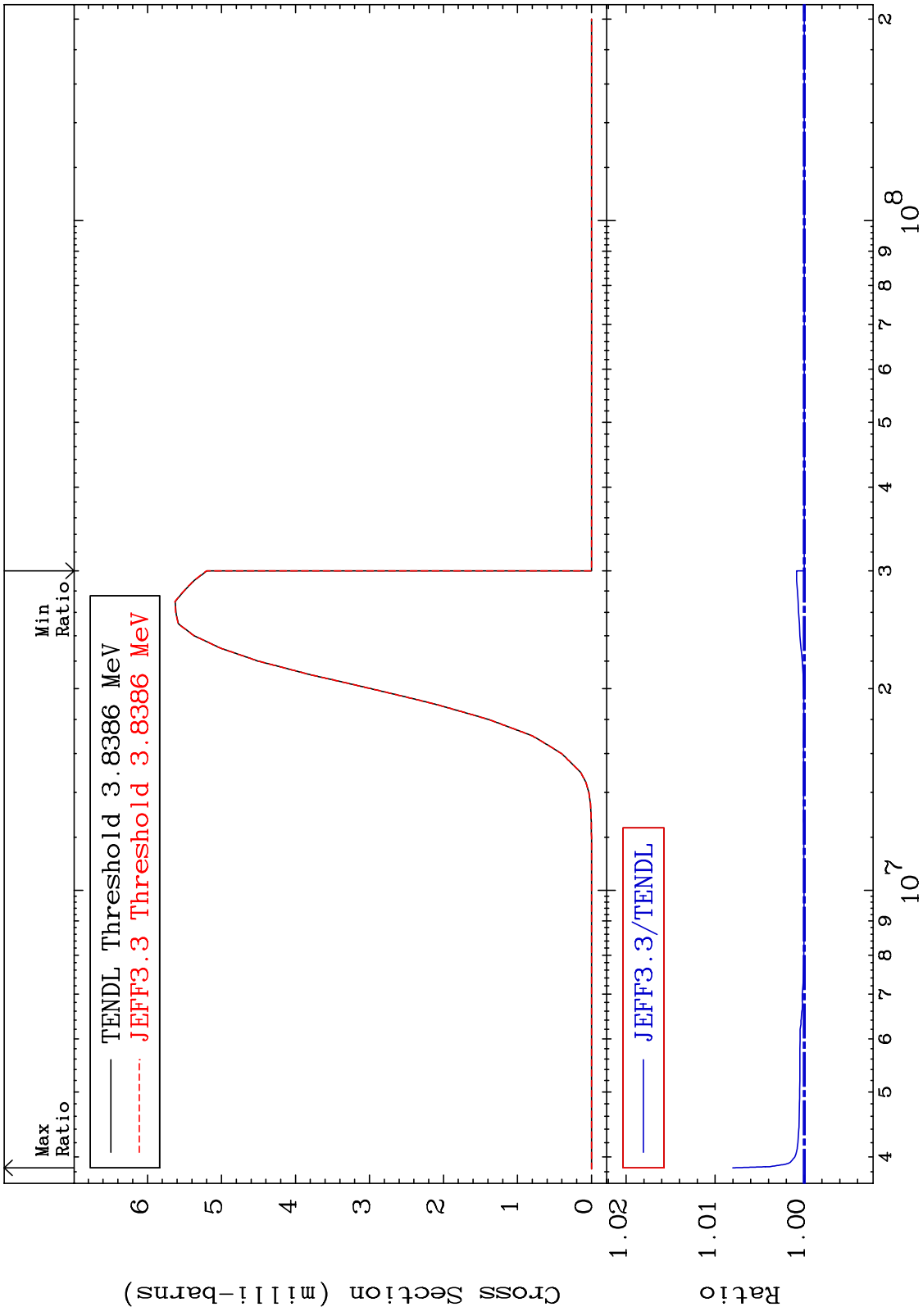
65-Tb-158  
-41.18 To 0.063 %



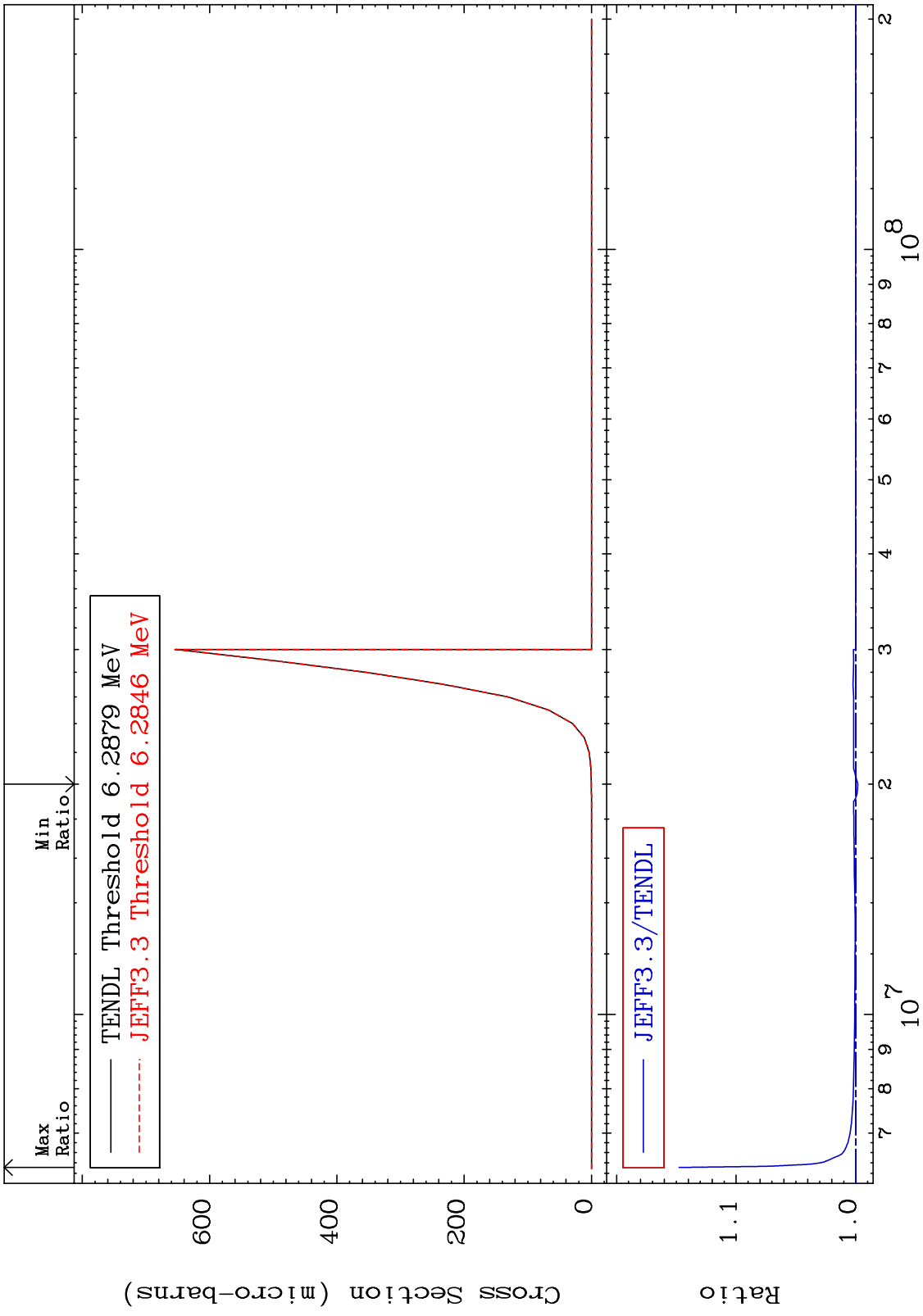
MAT 6522 (n,d) Cross Section 65-Tb-158 To 0.168 %



MAT 6522 (n,t) Cross Section 65-Tb-158 To 0.802 %



MAT 6522 (n, He-3) 65-Tb-158  
 Cross Section -0.183 To 14.77 %

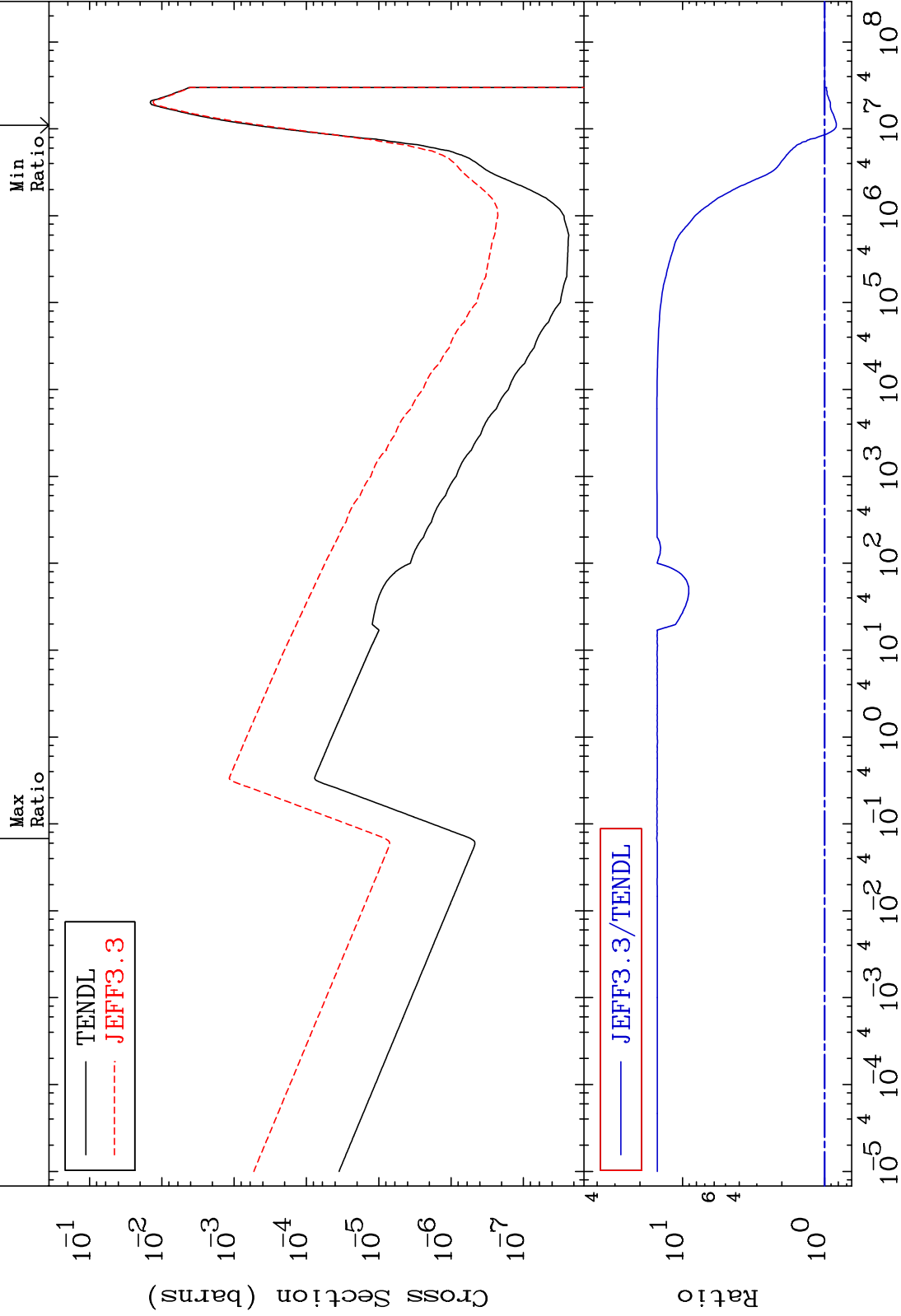


MAT 6522

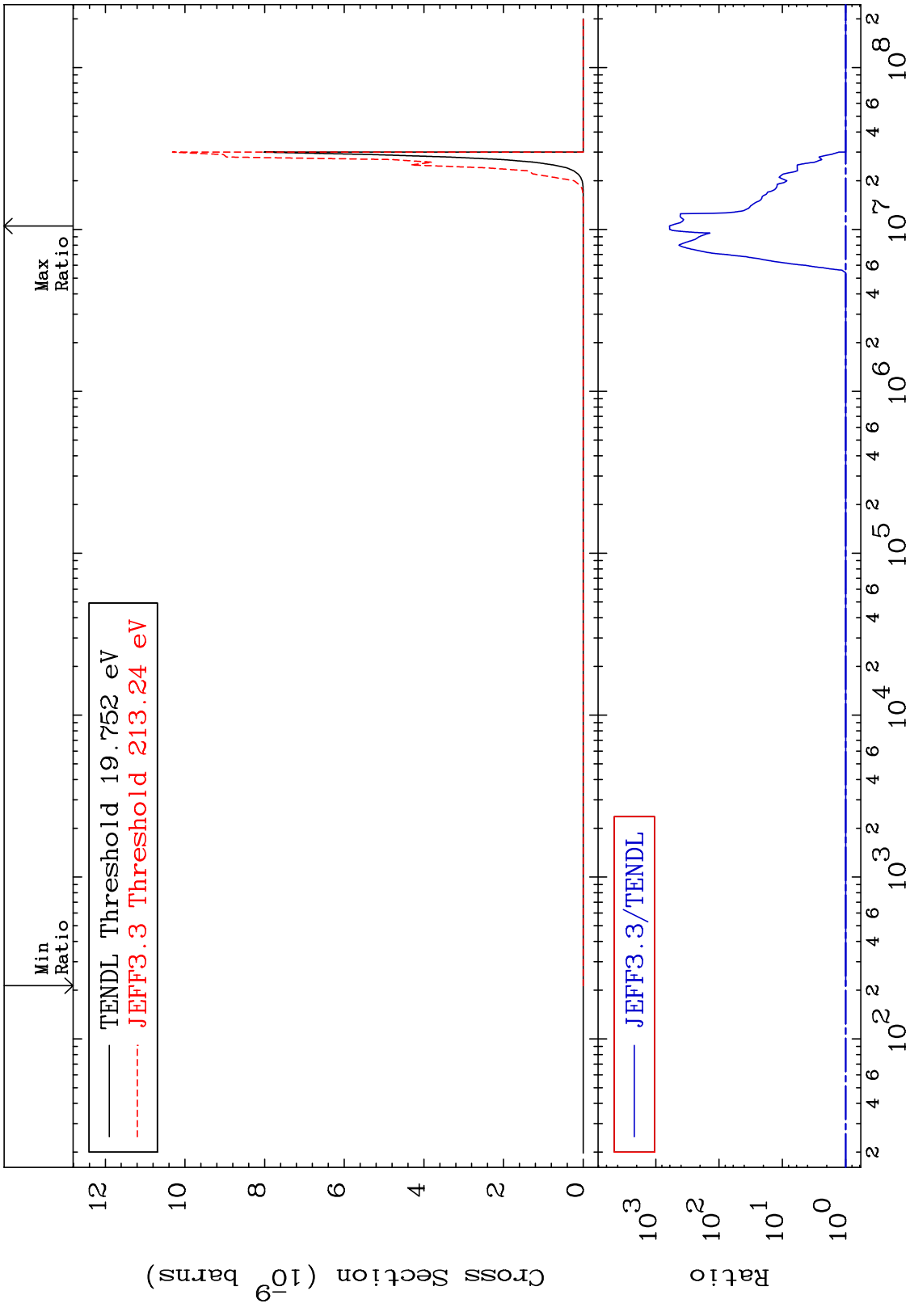
(n,  $\alpha$ )

65-Tb-158  
-17.39 To 1423. %

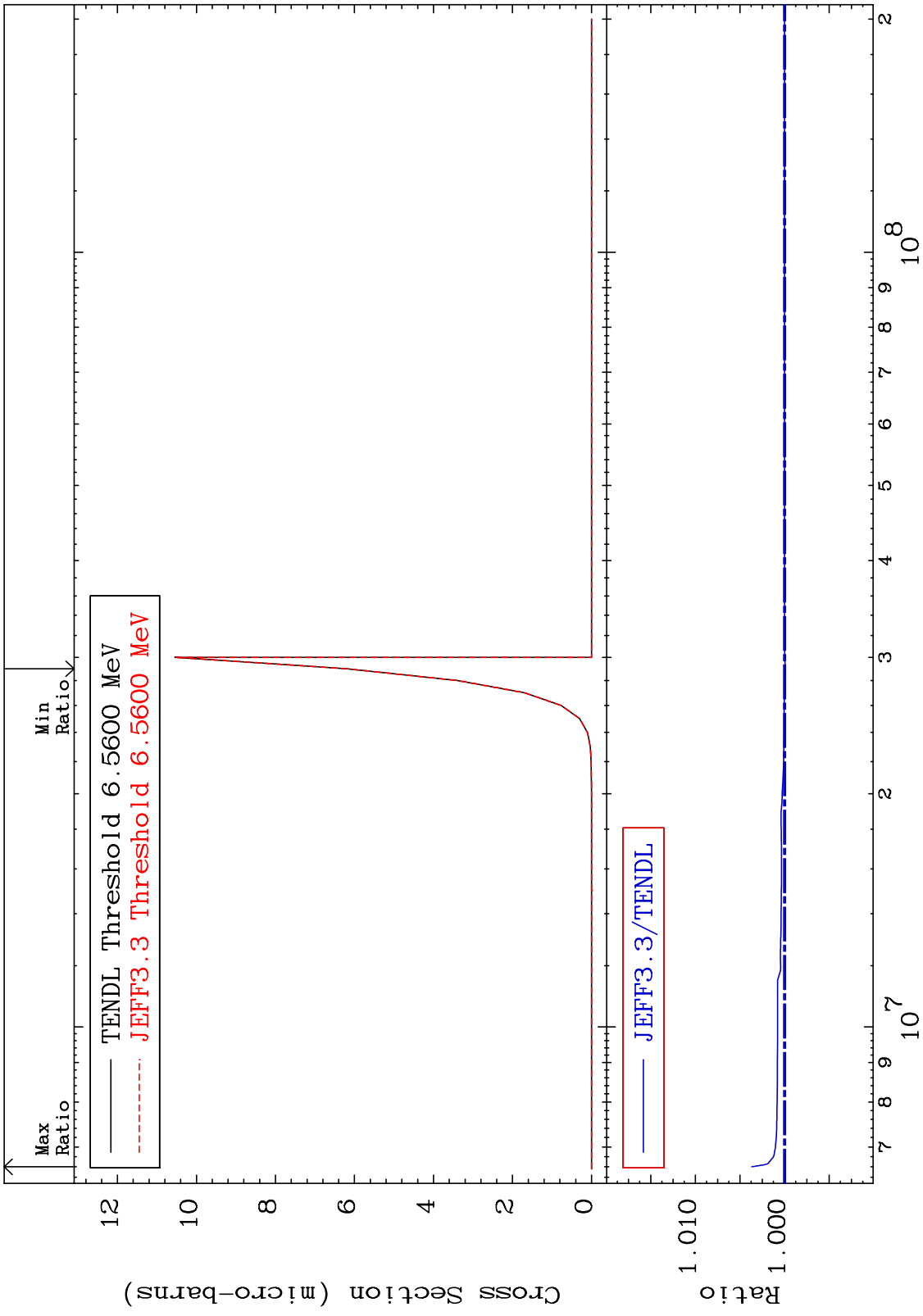
Cross Section



MAT 6522 (n,2α) Cross Section 65-Tb-158 To 9999. %



MAT 6522 (n,2p) Cross Section 65-Tb-158 -0.006 To 0.369 %



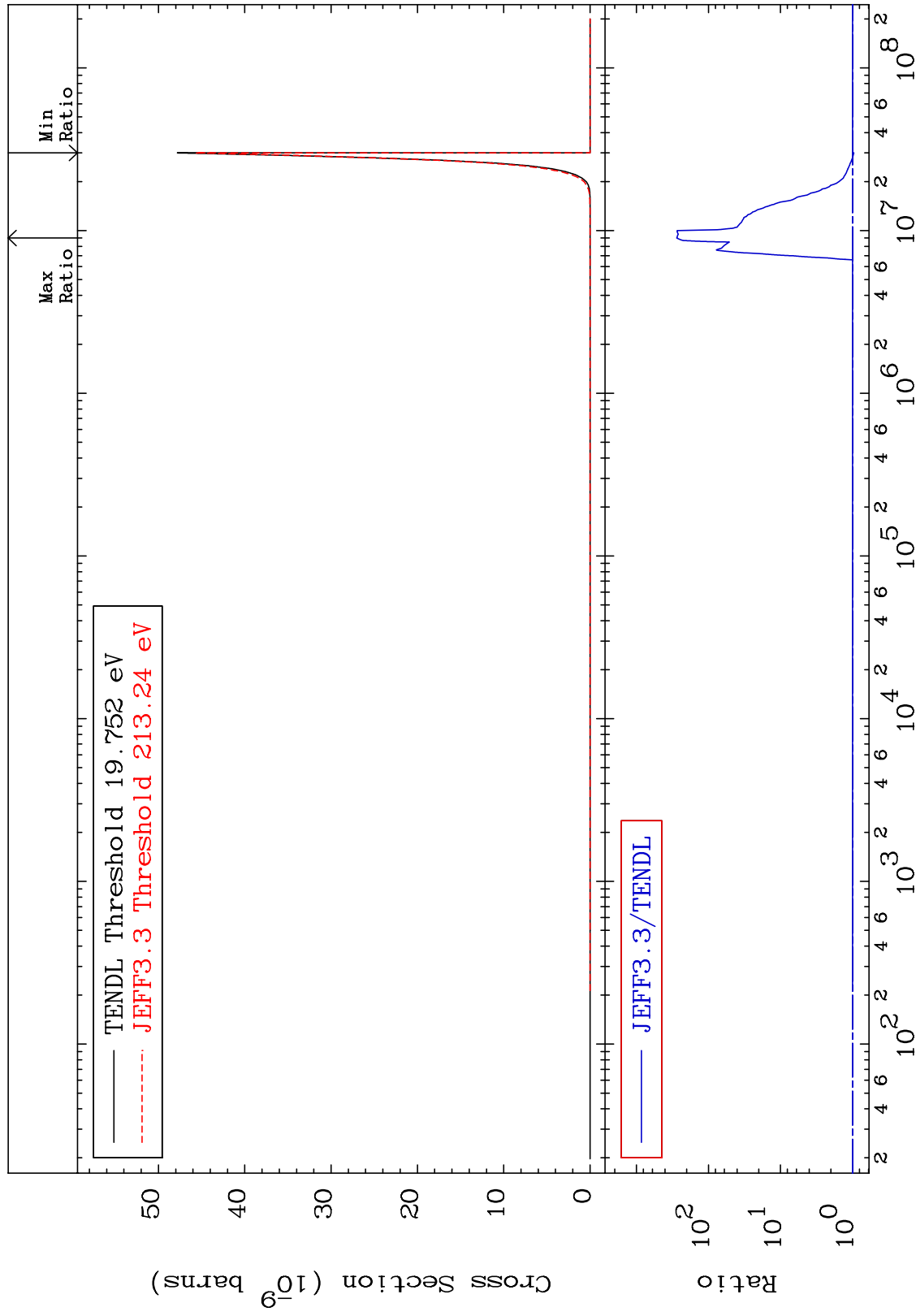
MAT 6522

(n,p)  $\alpha$

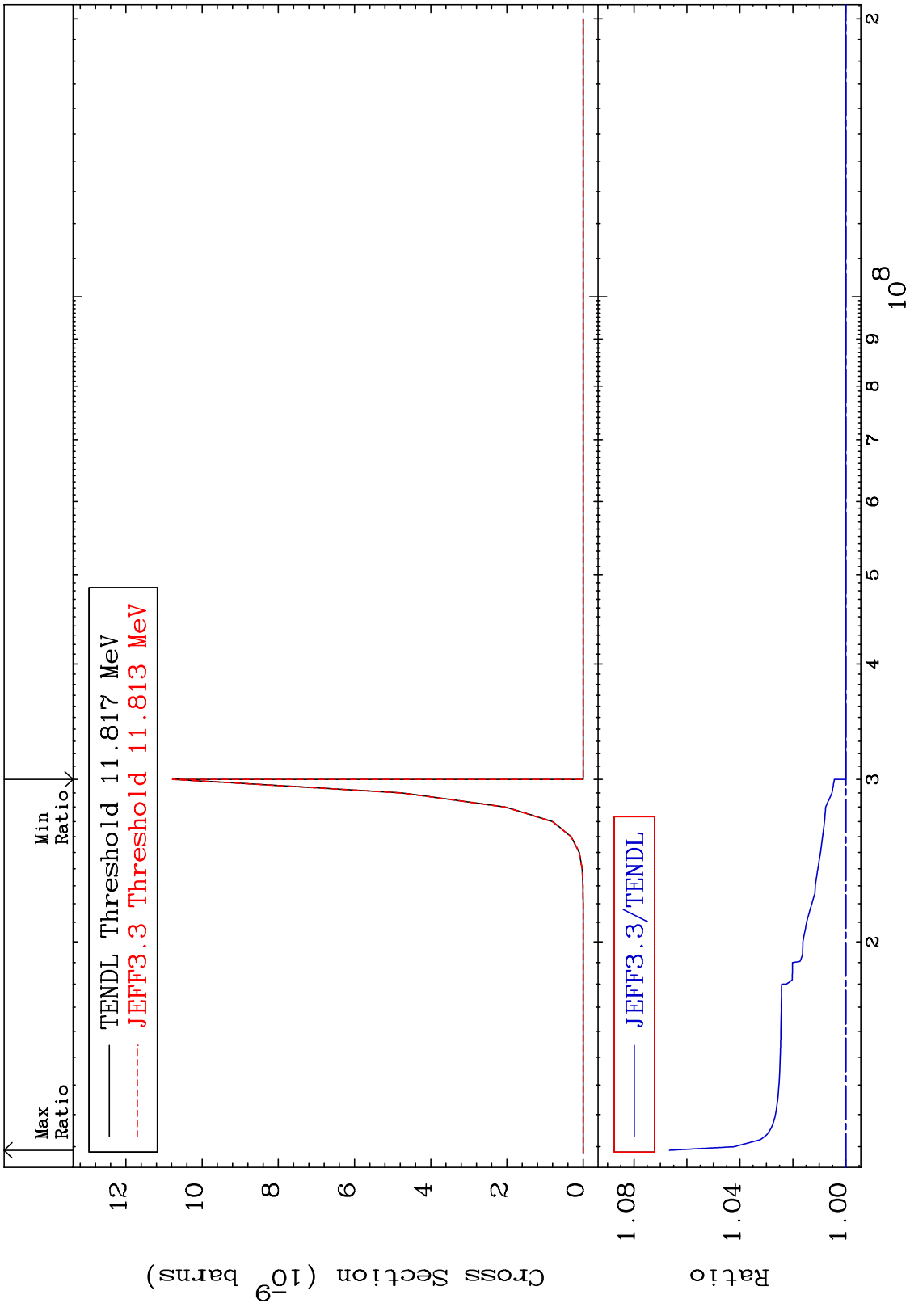
65-Tb-158

Cross Section

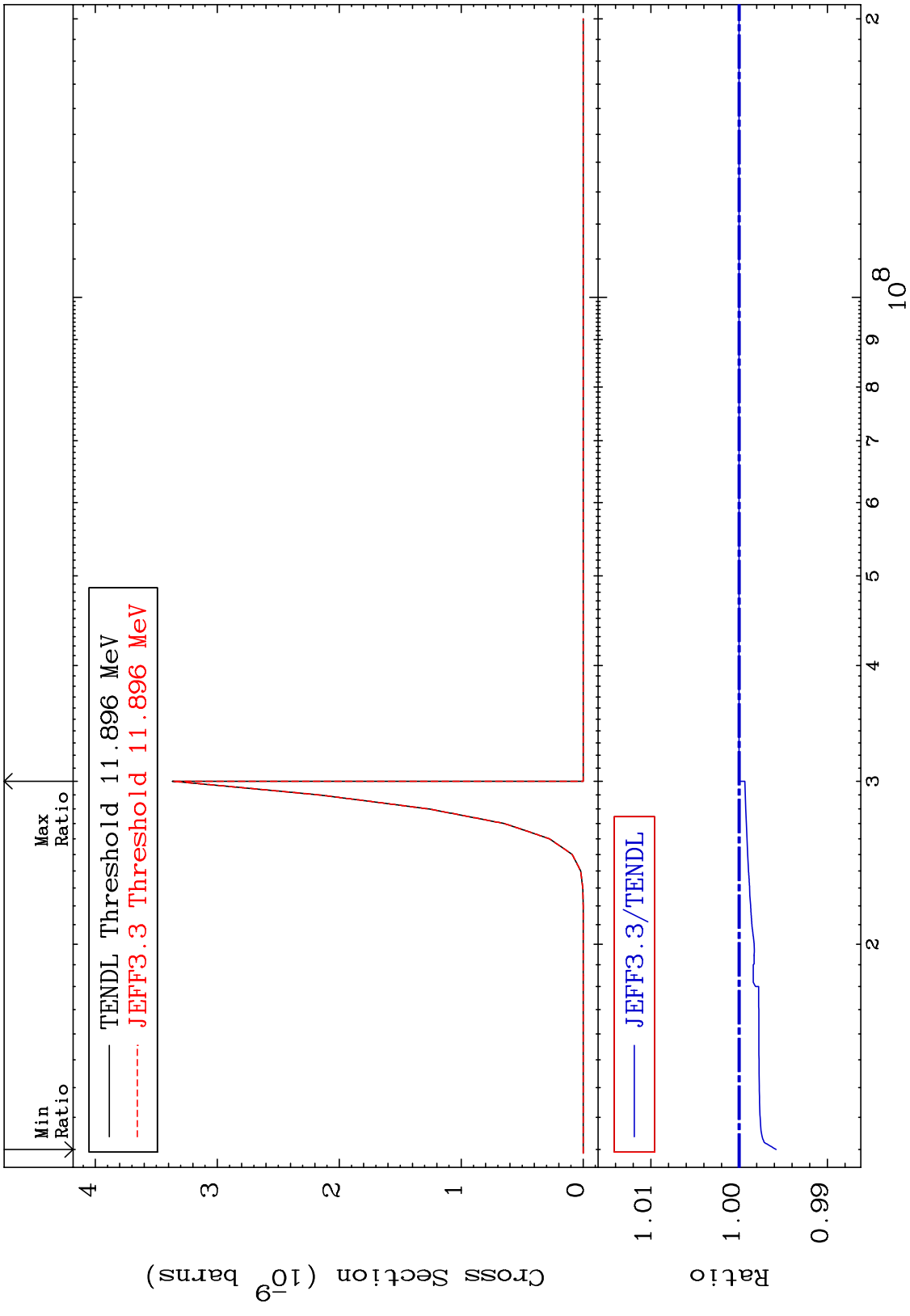
-4.366 To 9999. %



MAT 6522 (n,p) d 65-Tb-158  
 Cross Section 0.000 To 6.659 %



MAT 6522 (n,p) t 65-Tb-158  
 Cross Section -0.419 To 0.000 %



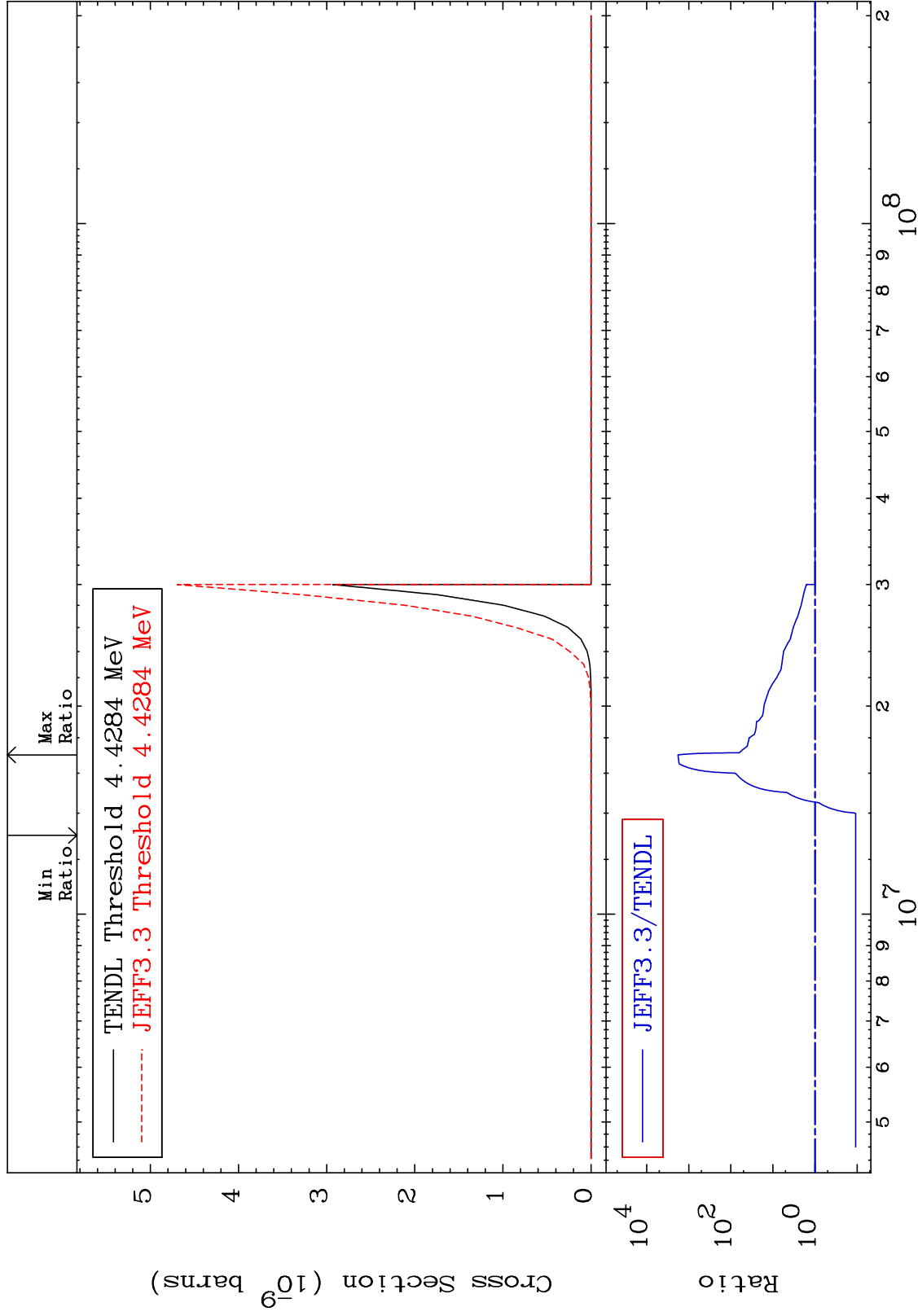
MAT 6522

(n,d)  $\alpha$

65-Tb-158

-89.21 To 9999. %

Cross Section



62

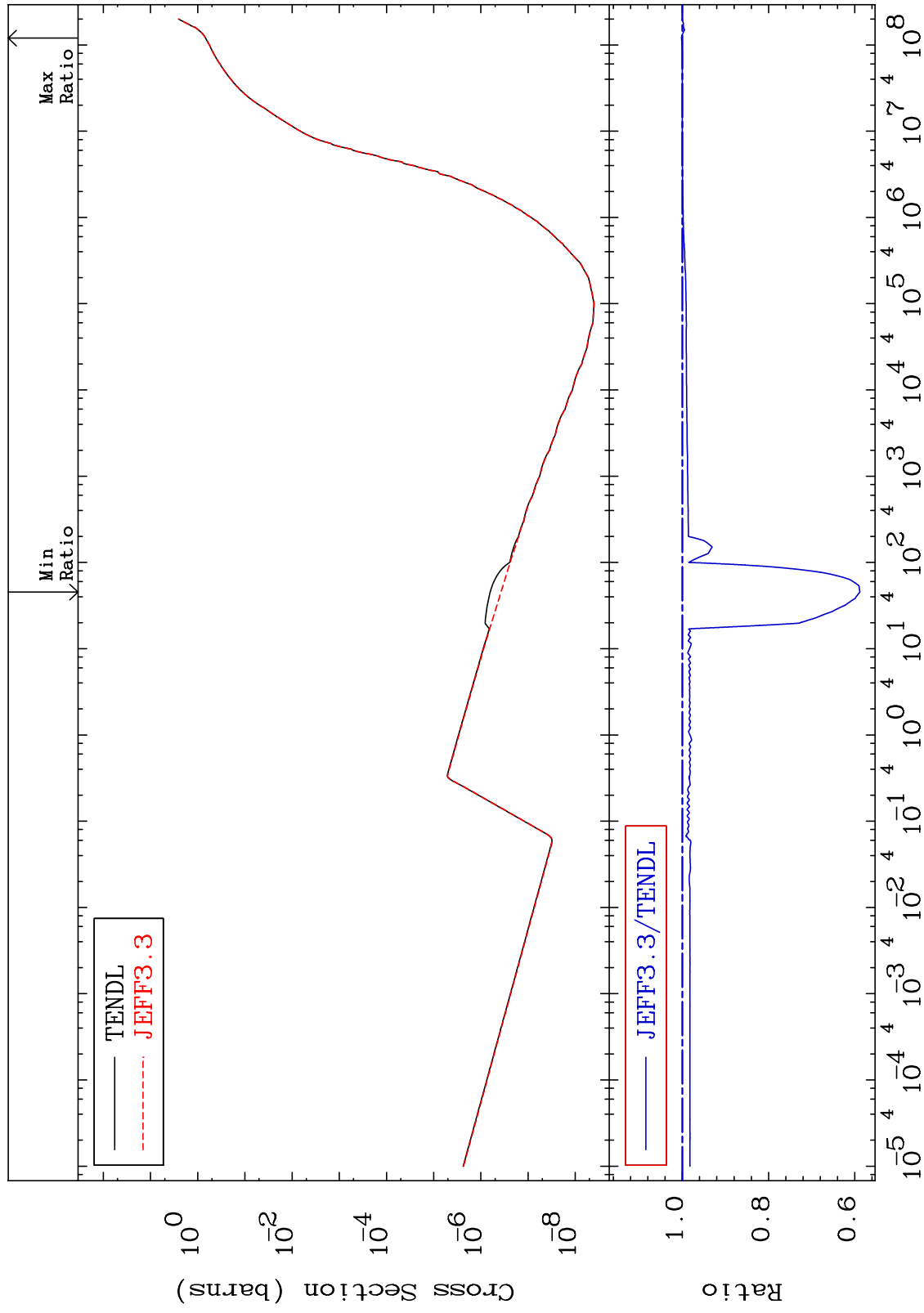
Incident Energy (eV)

65-Tb-158

MAT 6522

Hydrogen Production  
Cross Section

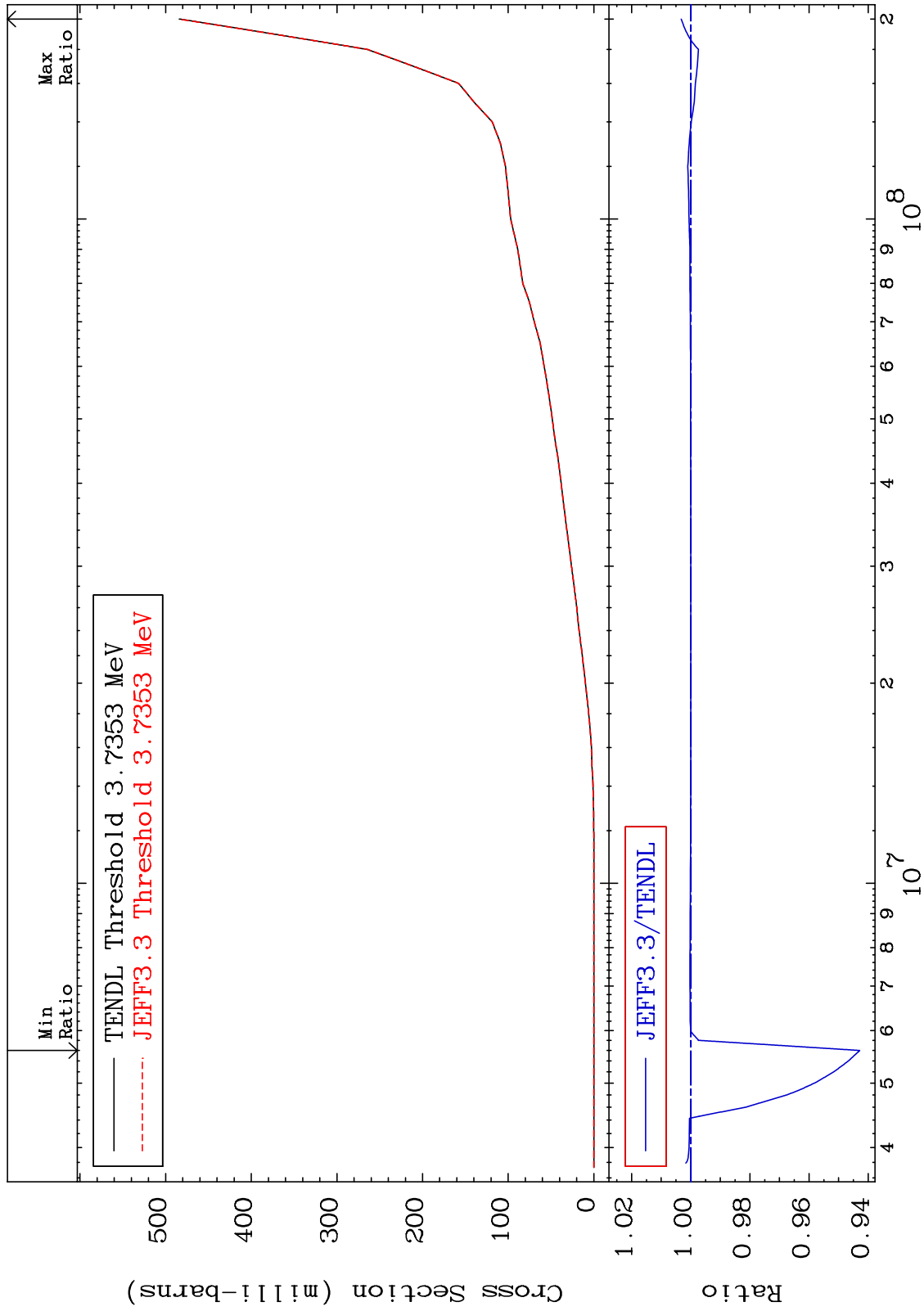
65-Tb-158  
-41.18 To 0.206 %



MAT 6522

Deuterium Production  
Cross Section

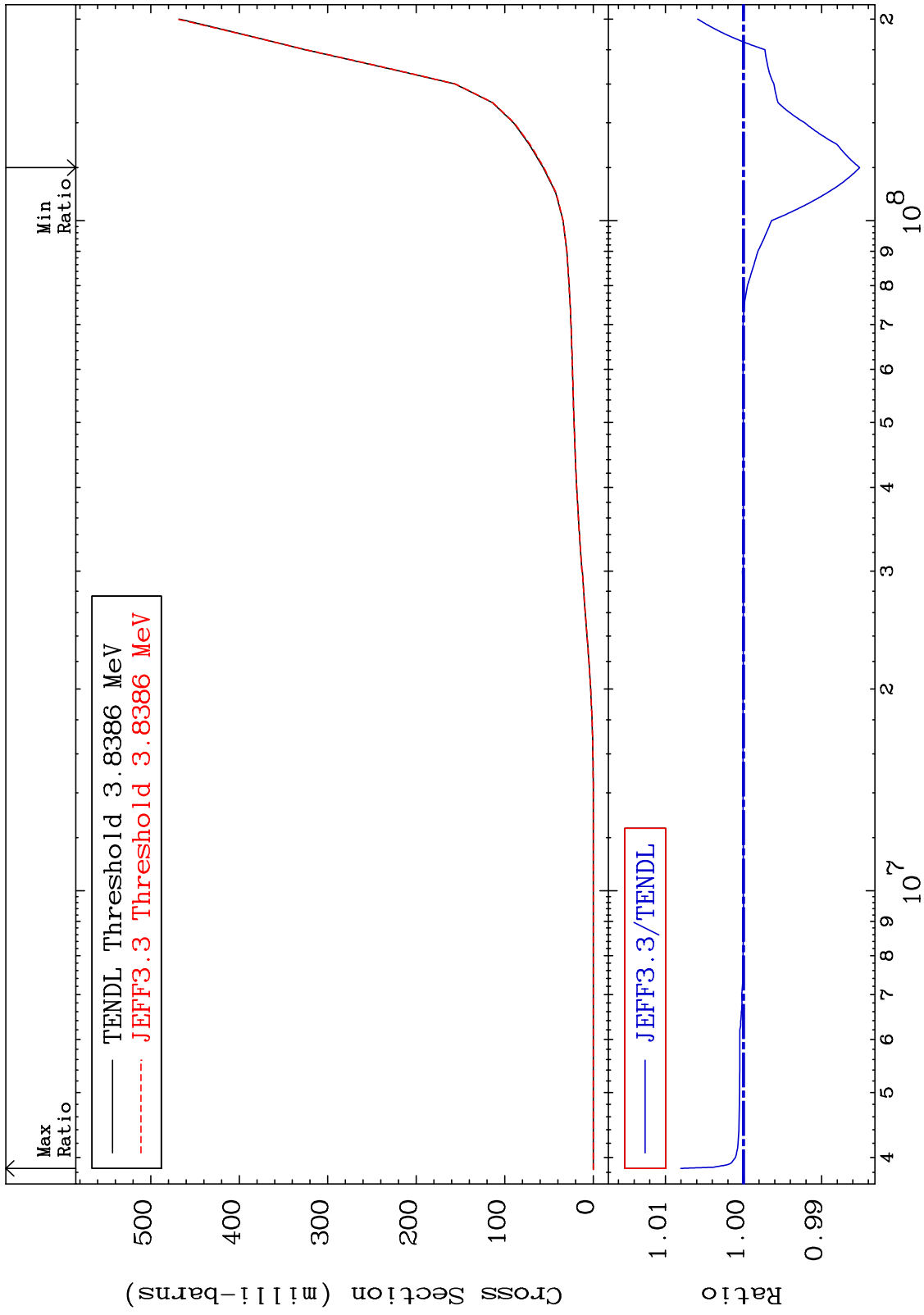
65-Tb-158  
-5.716 To 0.322 %



MAT 6522

Tritium Production  
Cross Section

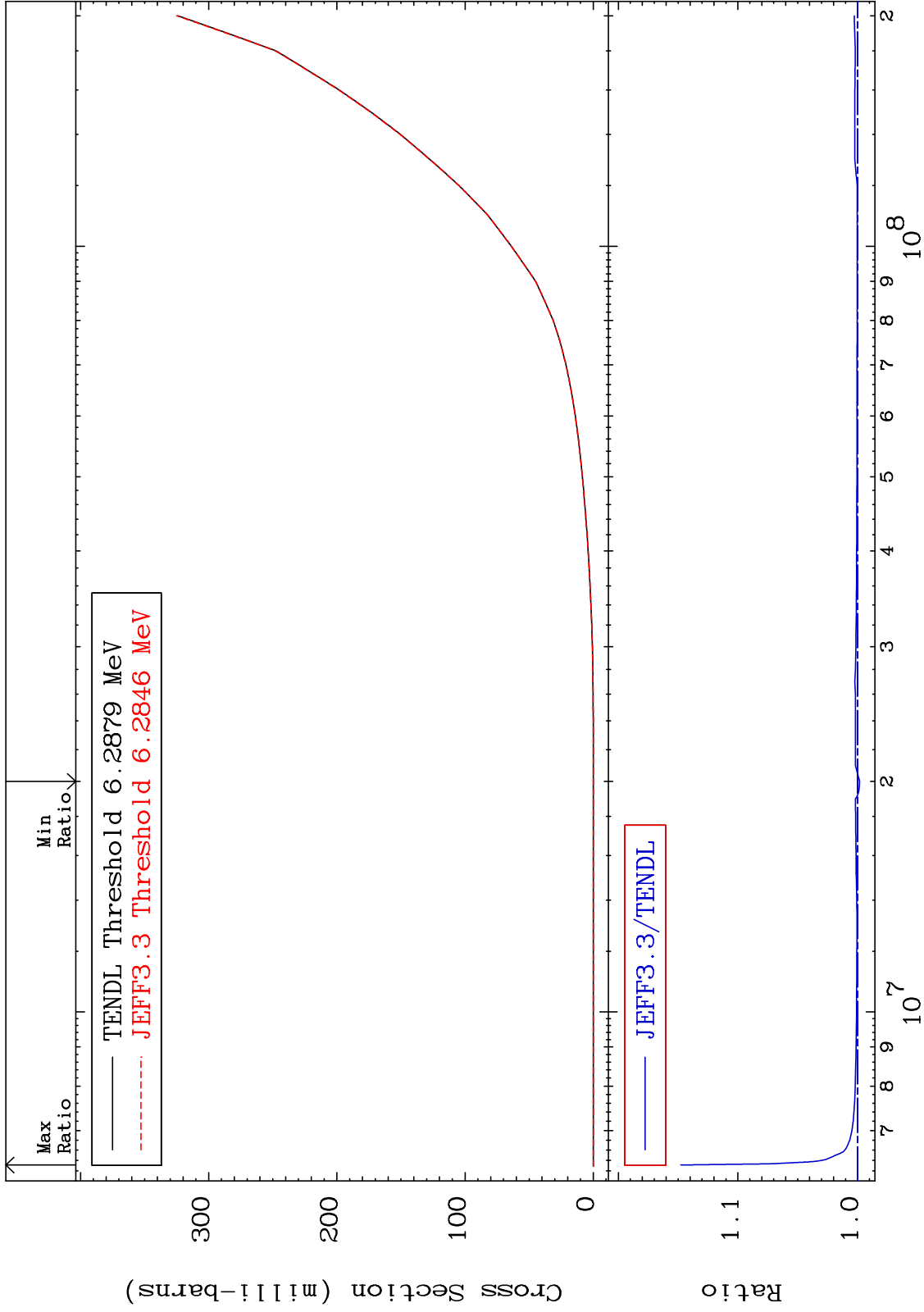
65-Tb-158  
-1.487 To 0.802 %



MAT 6522

He-3 Production  
Cross Section

65-Tb-158  
-0.183 To 14.77 %



66

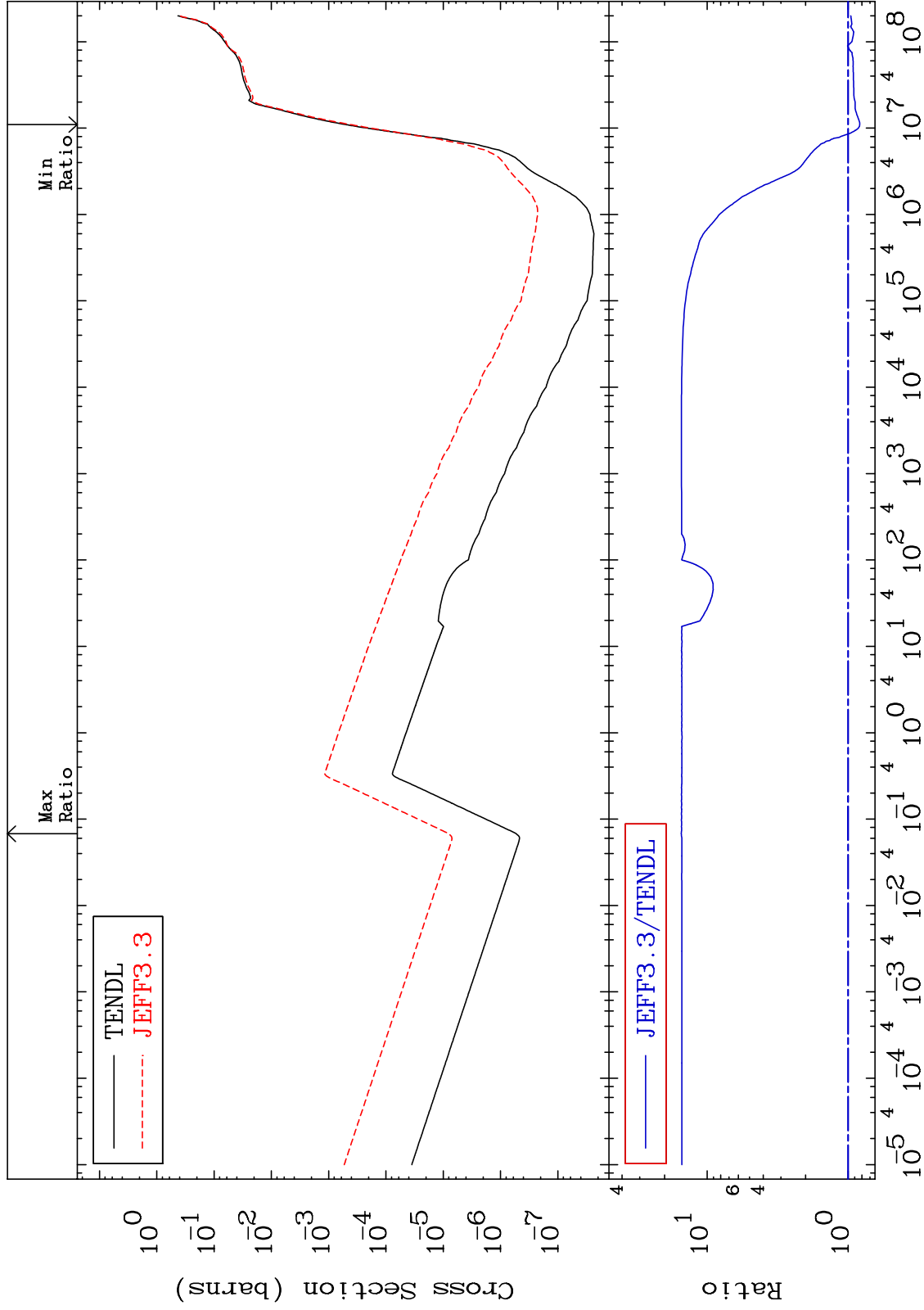
Incident Energy (eV)

65-Tb-158

MAT 6522

He-4 Production  
Cross Section

65-Tb-158  
-17.27 To 1423. %

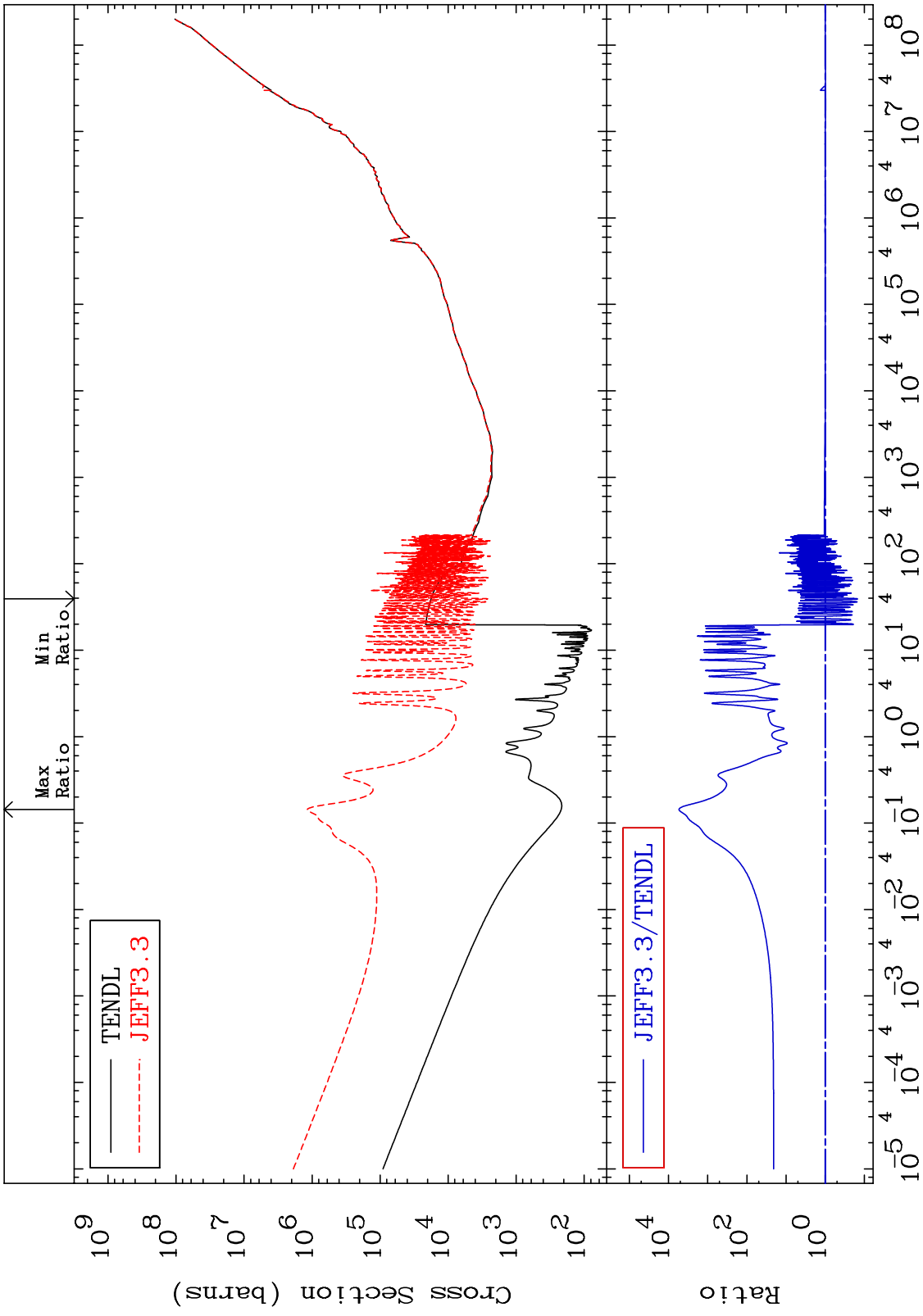


67

Incident Energy (eV)

65-Tb-158

MAT 6522 65-Tb-158  
 Kerma total (eV-barns) -85.29 To 9999. %  
 Cross Section

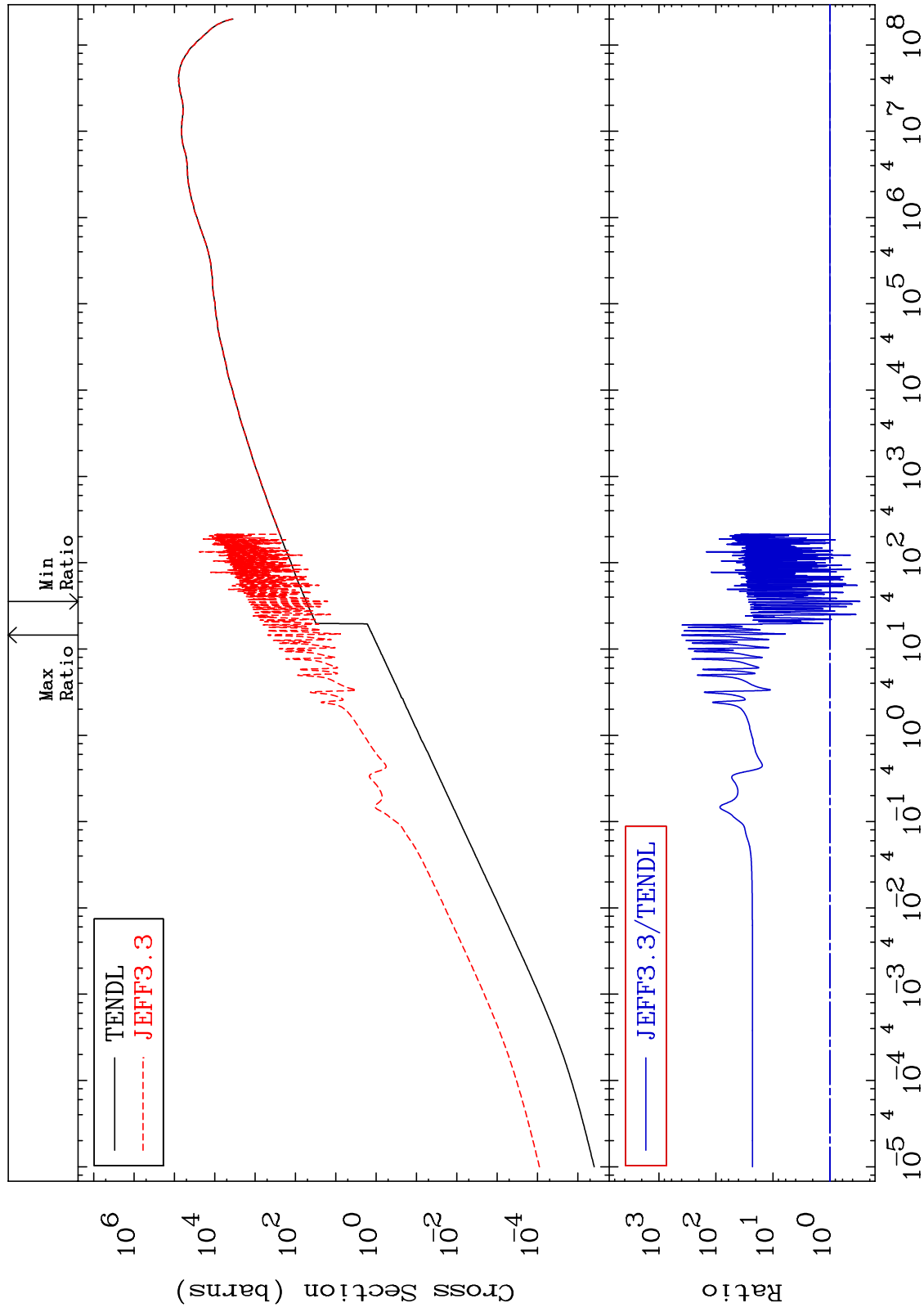


68 Incident Energy (eV) 65-Tb-158

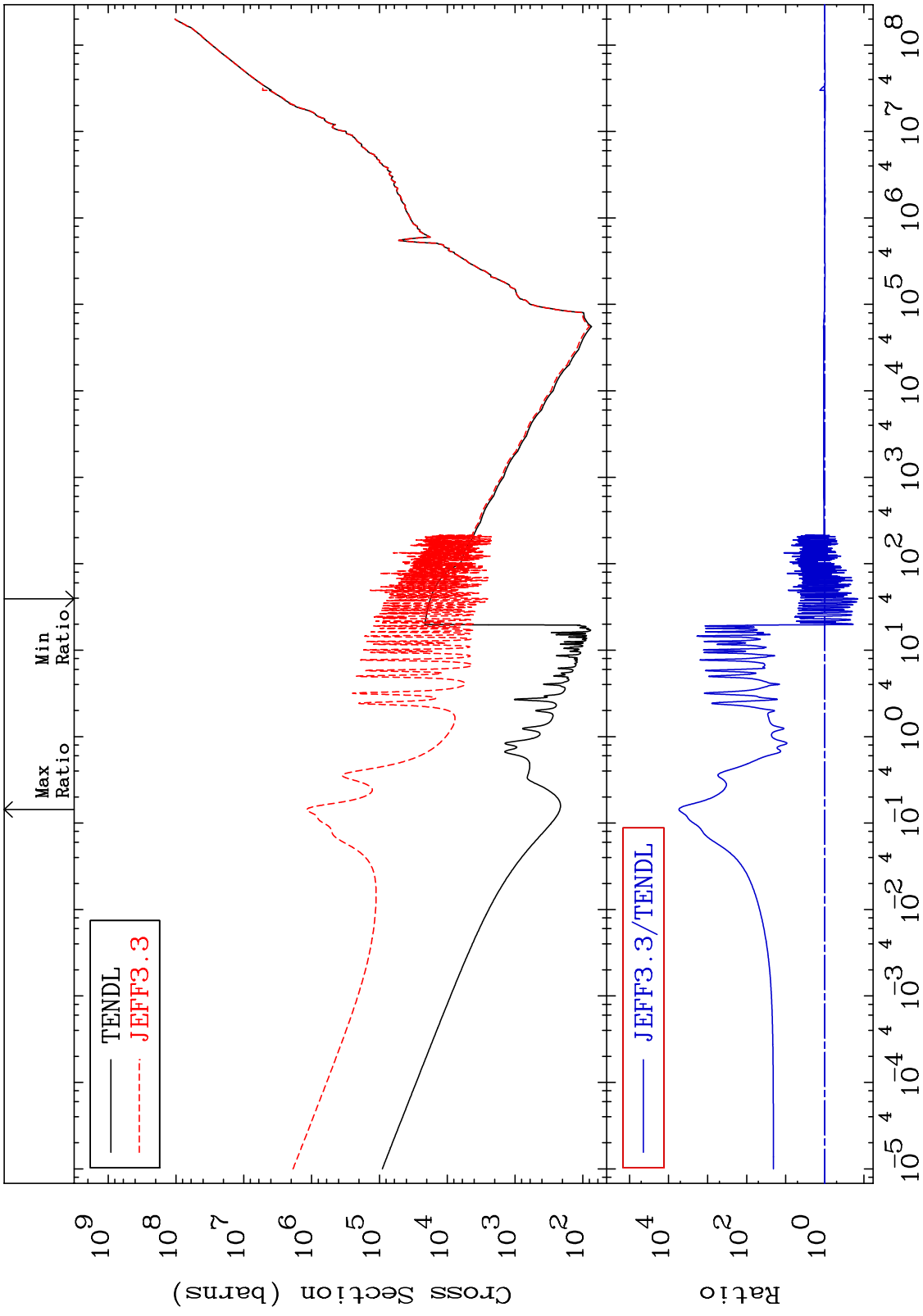
MAT 6522

Kerma elastic  
Cross Section

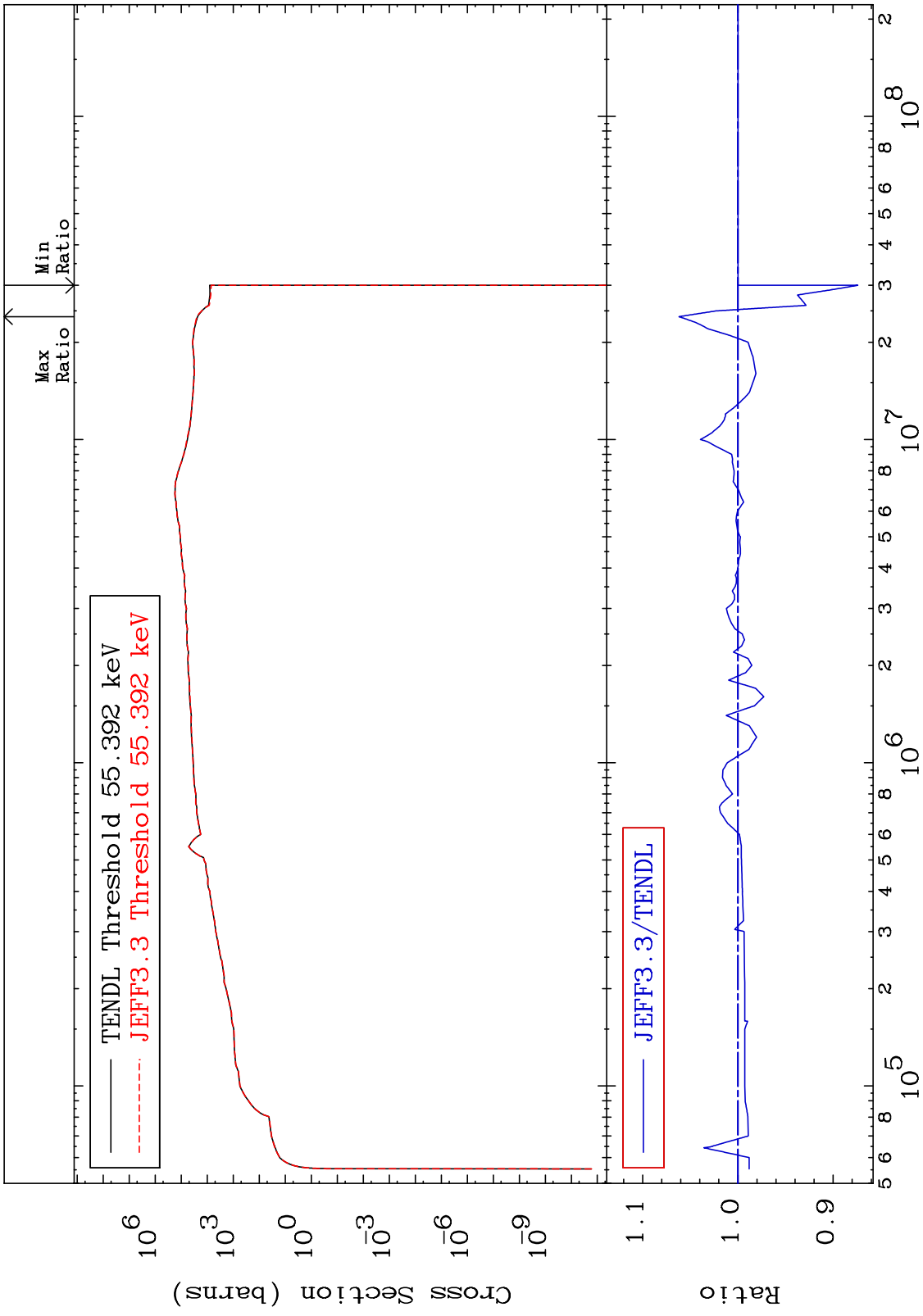
65-Tb-158  
-70.16 To 9999. %



MAT 6522      Kerma non-elastic (all but mt2)      65-Tb-158  
 -85.74 To 9999. %  
 Cross Section



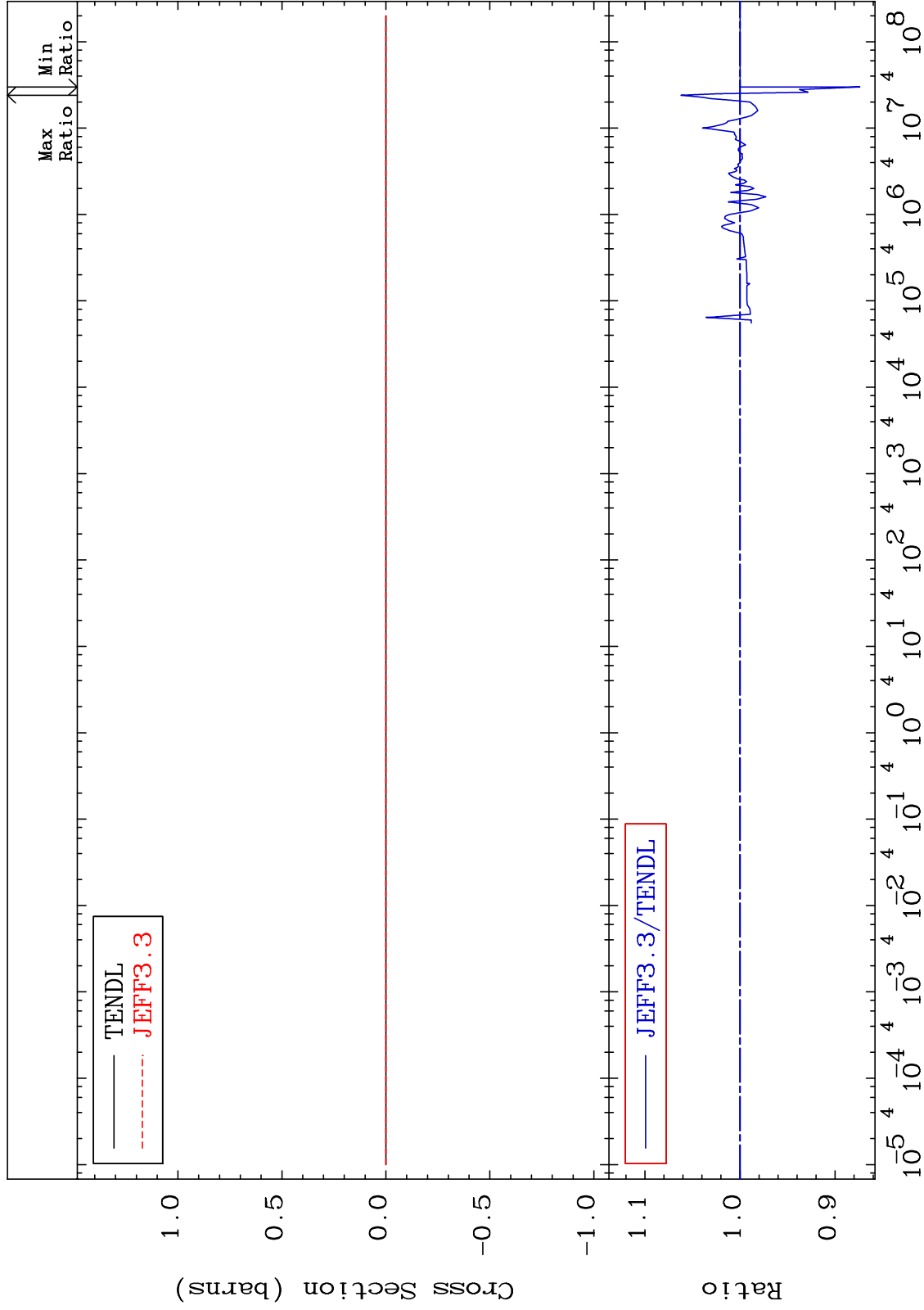
MAT 6522      Kerma inelastic (mt51-91)      65-Tb-158  
 -12.59 To 6.179 %



MAT 6522

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

65-Tb-158  
-12.59 To 6.179 %



72

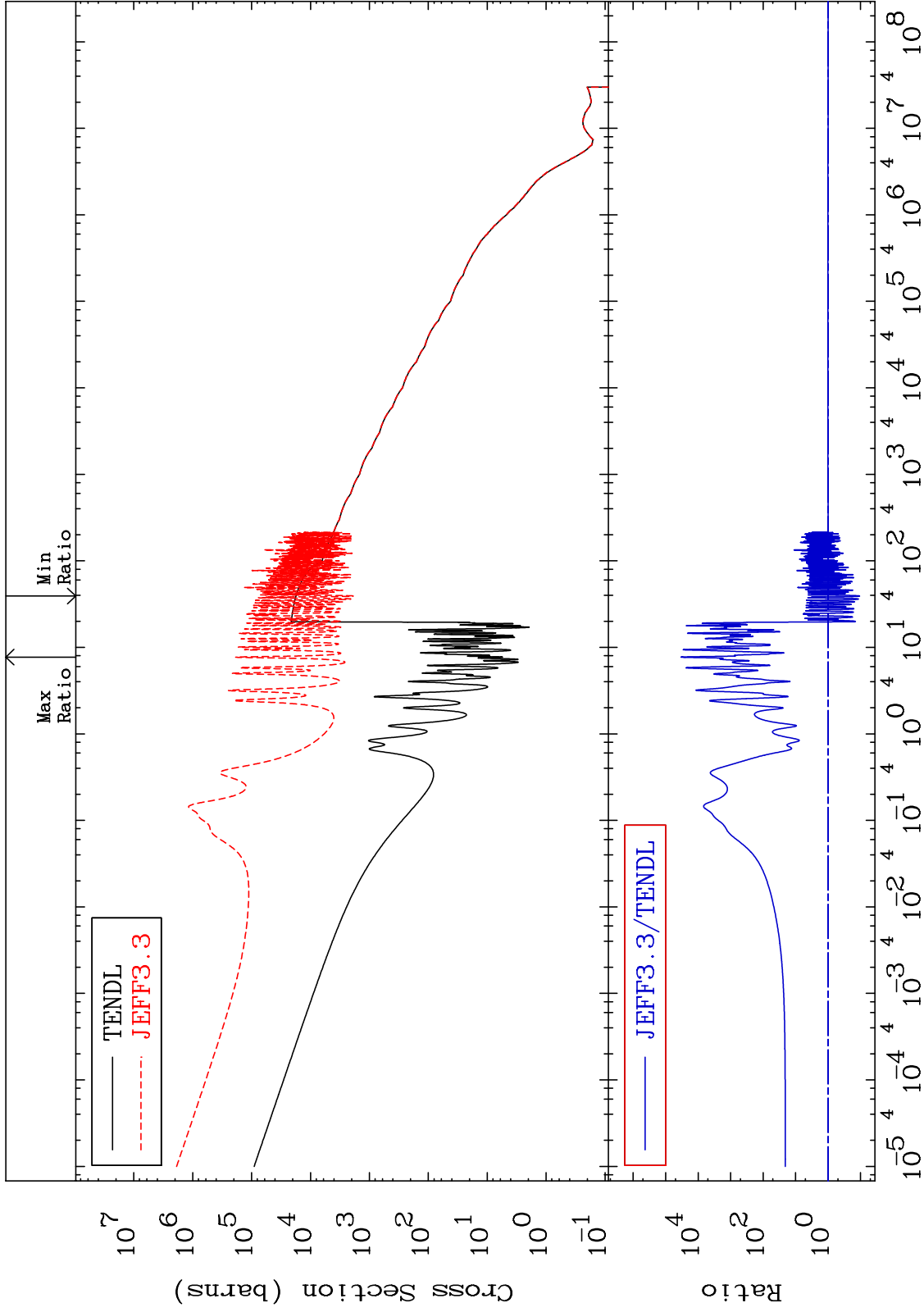
Incident Energy (eV)

65-Tb-158

MAT 6522

Kerma capture (mt102)  
Cross Section

65-Tb-158  
-89.33 To 9999. %



73

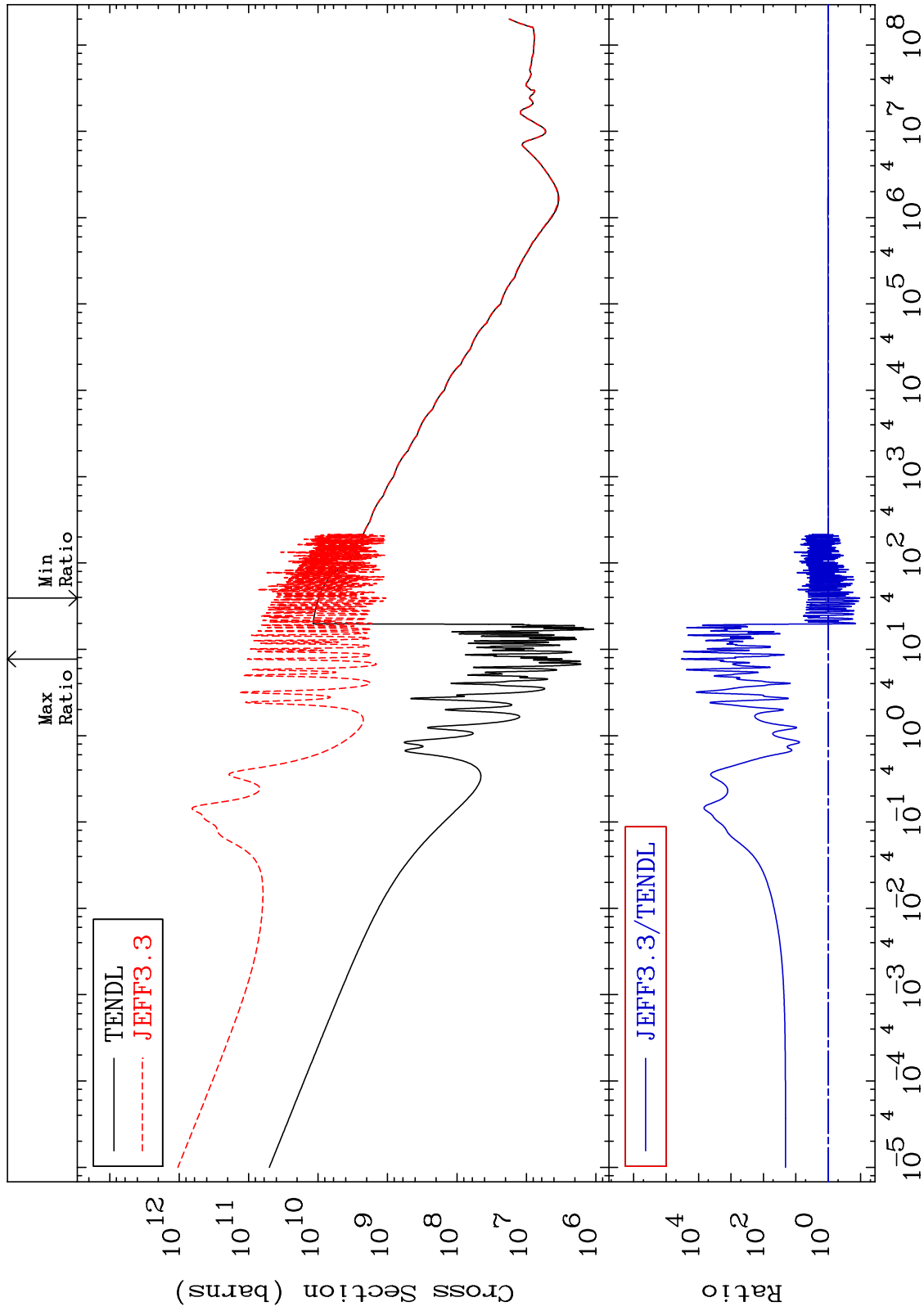
Incident Energy (eV)

65-Tb-158

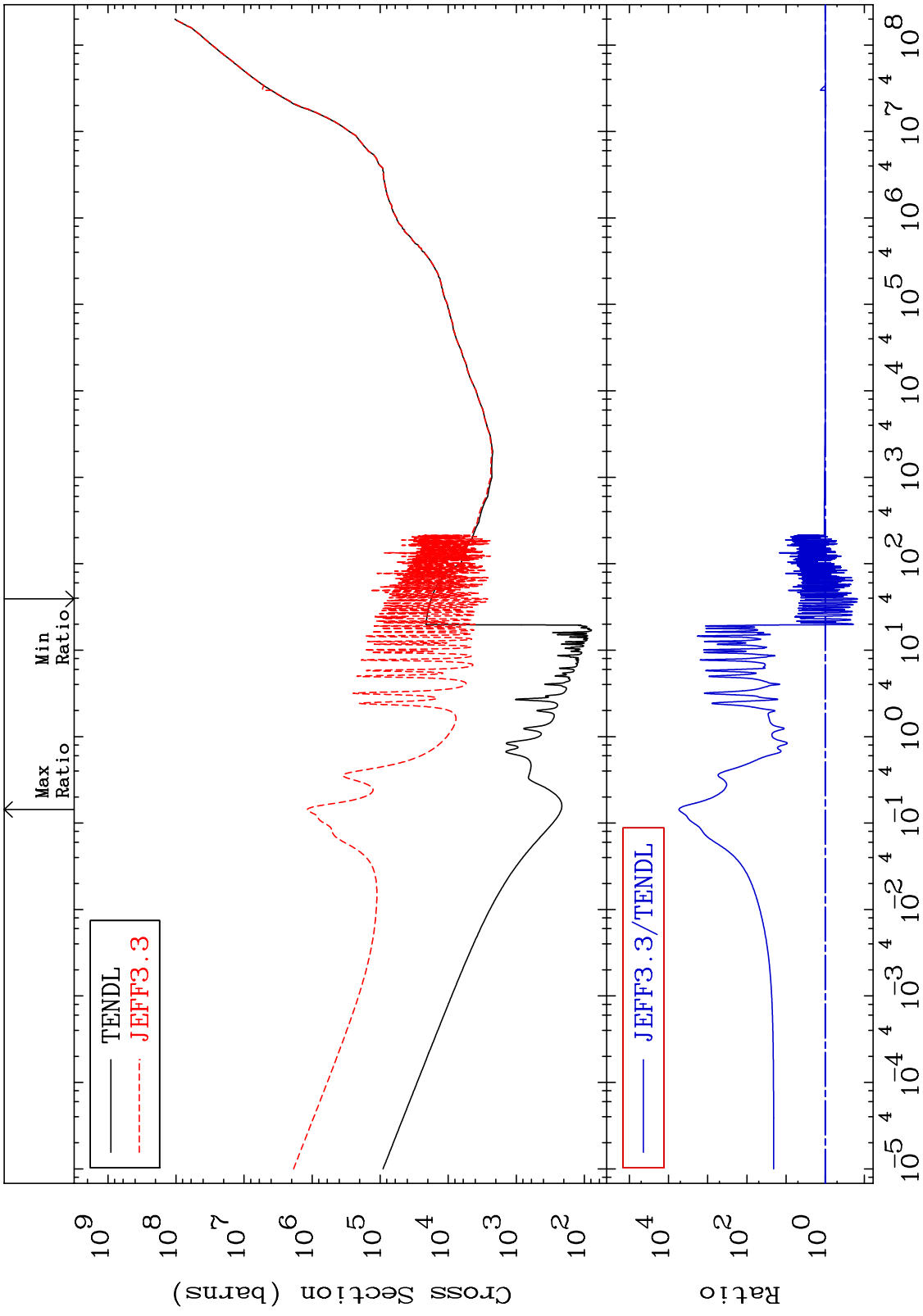
MAT 6522

Total photon (eV-barns)  
Cross Section

65-Tb-158  
-89.33 To 9999. %



MAT 6522 Total kinematic kerma (high limit) 65-Tb-158  
Cross Section -85.28 To 9999. %



75 Incident Energy (eV) 65-Tb-158

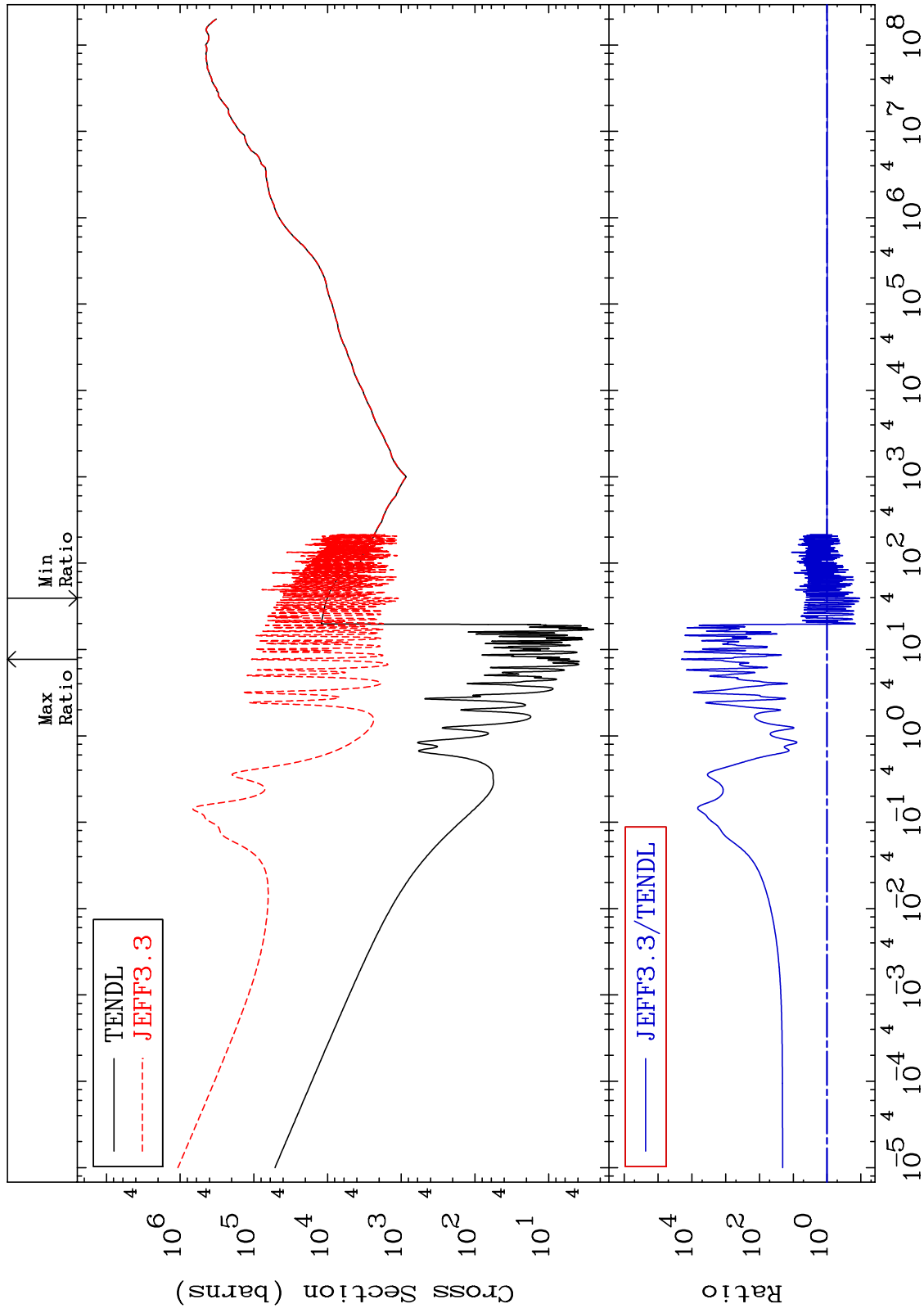
MAT 6522

Dpa total (eV-barns)

65-Tb-158

-89.21 To 9999. %

Cross Section

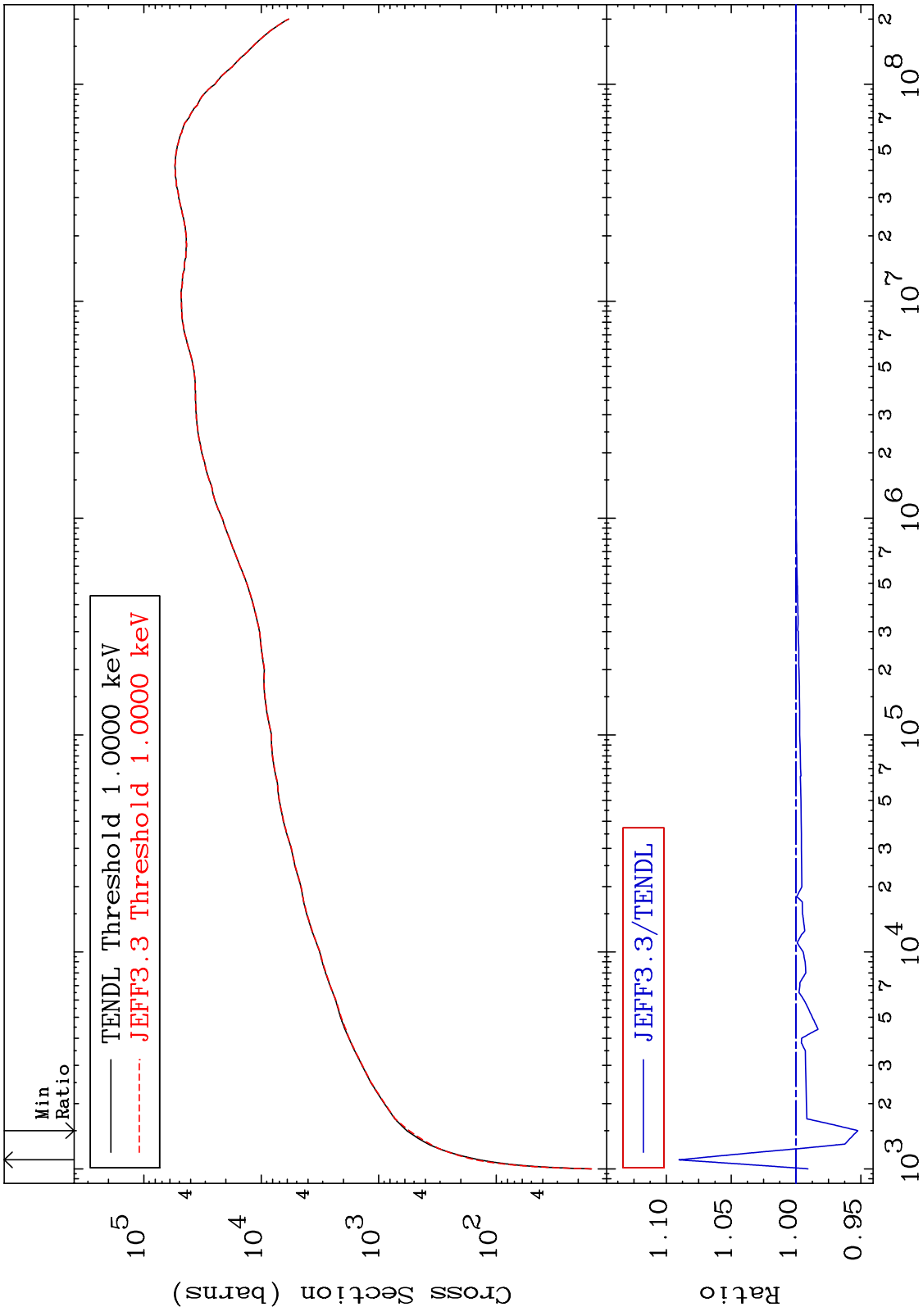


76

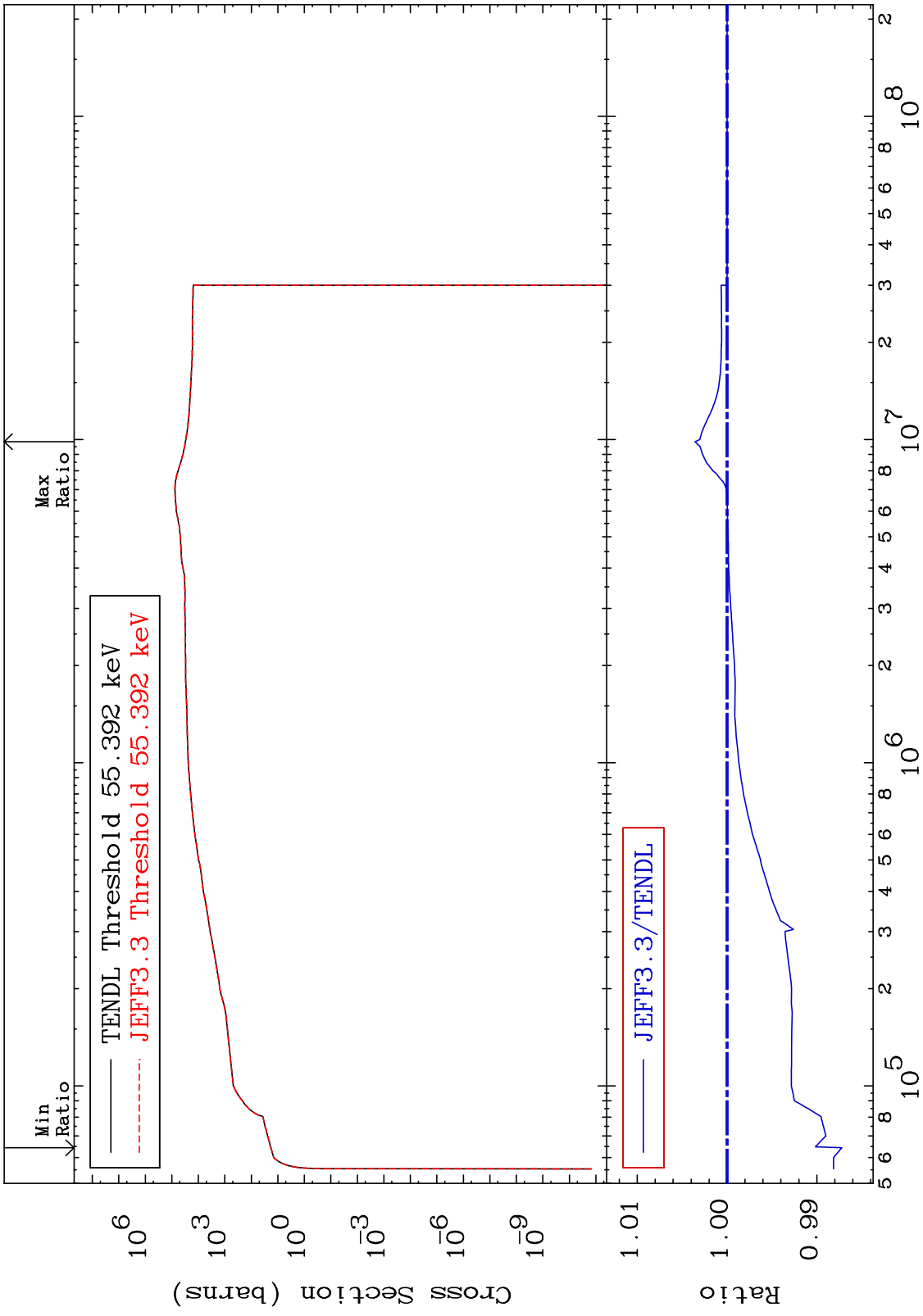
Incident Energy (eV)

65-Tb-158

MAT 6522      Dpa elastic (mt2)      65-Tb-158  
Cross Section      -4.768 To 9.018 %



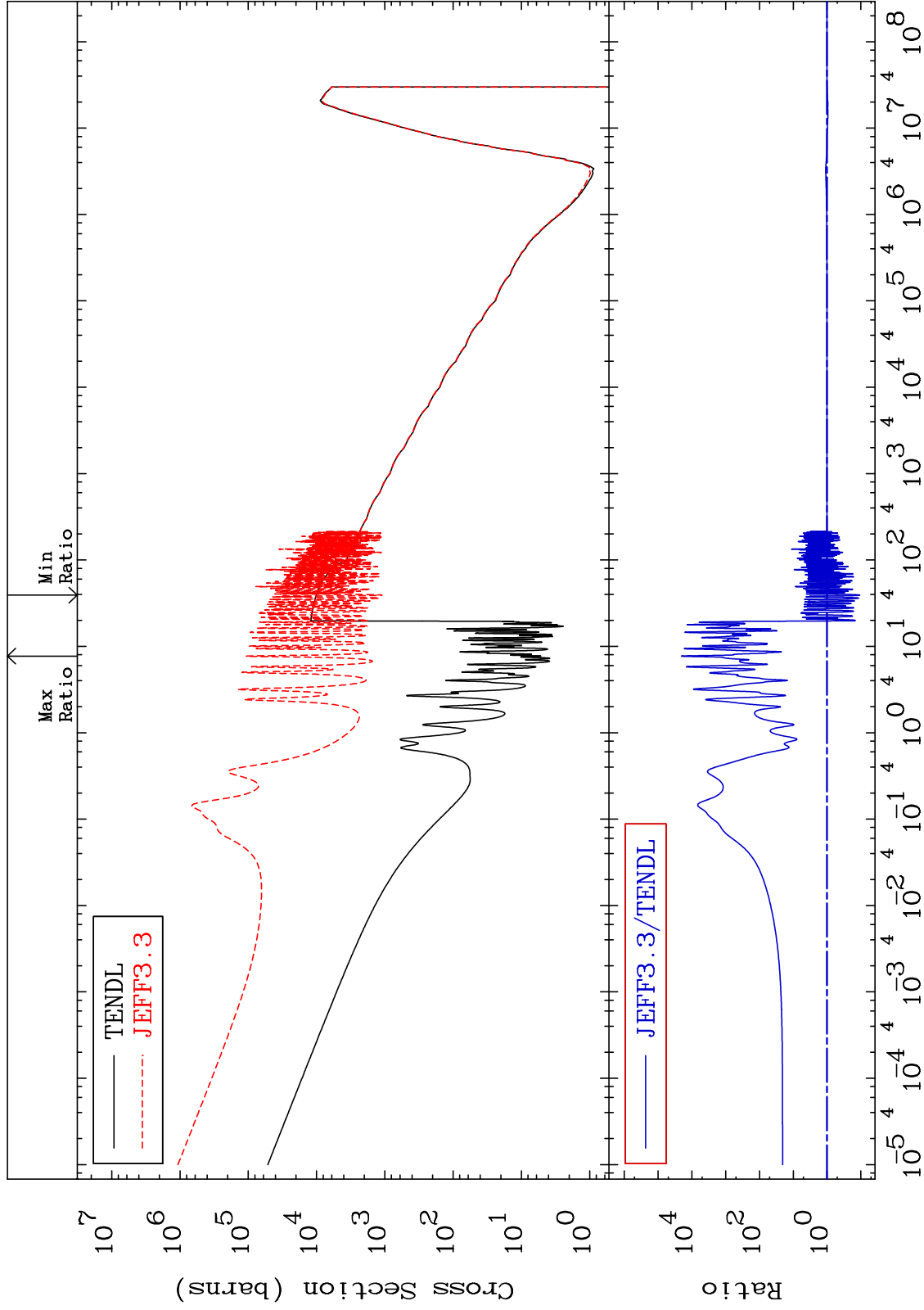
MAT 6522      Dpa inelastic (mt51-91)      65-Tb-158  
 Cross Section      -1.279 To 0.357 %



MAT 6522

Dpa disappearance (mt102 -120)  
Cross Section

65-Tb-158  
-89.21 To 9999. %

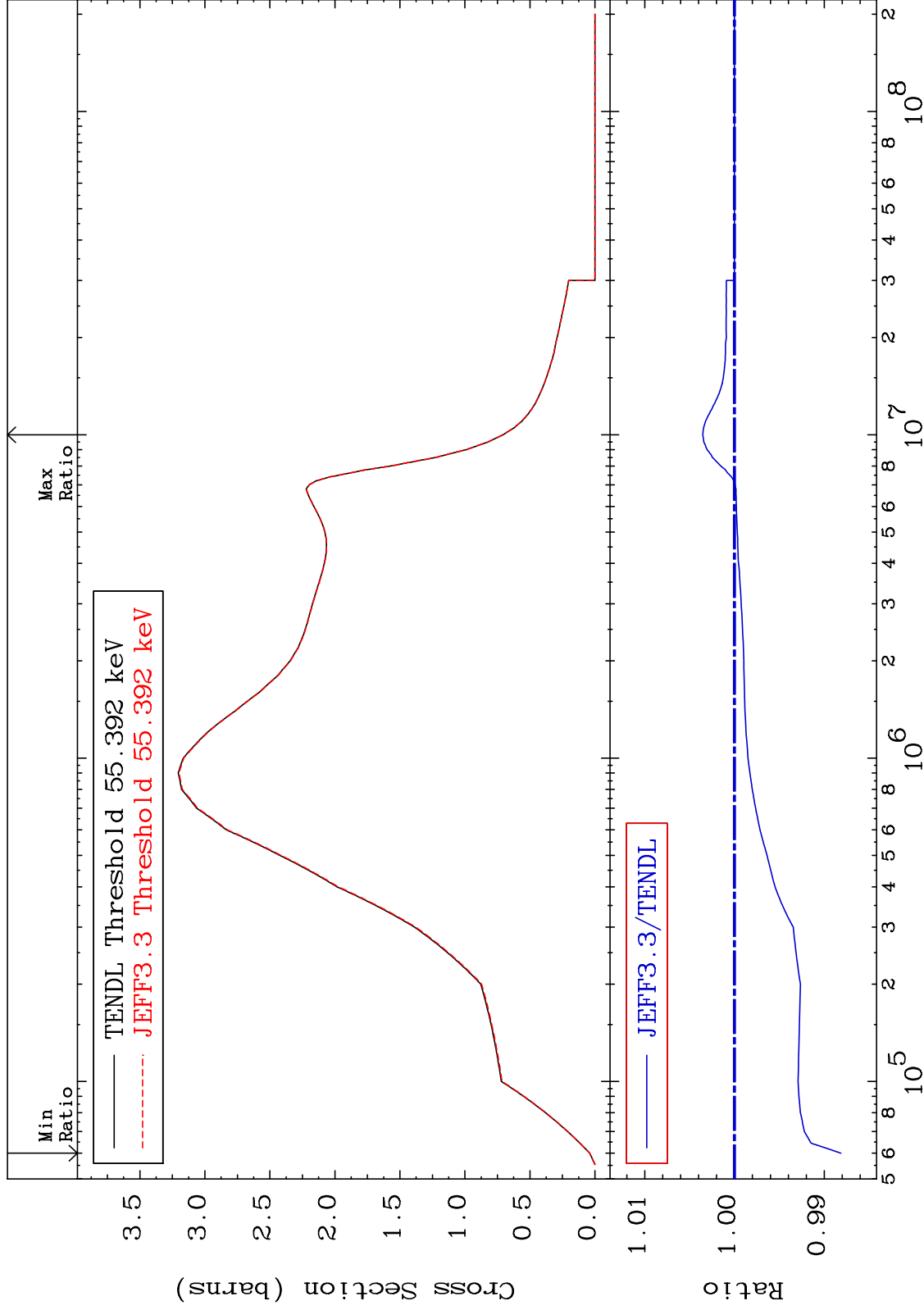


MAT 6522

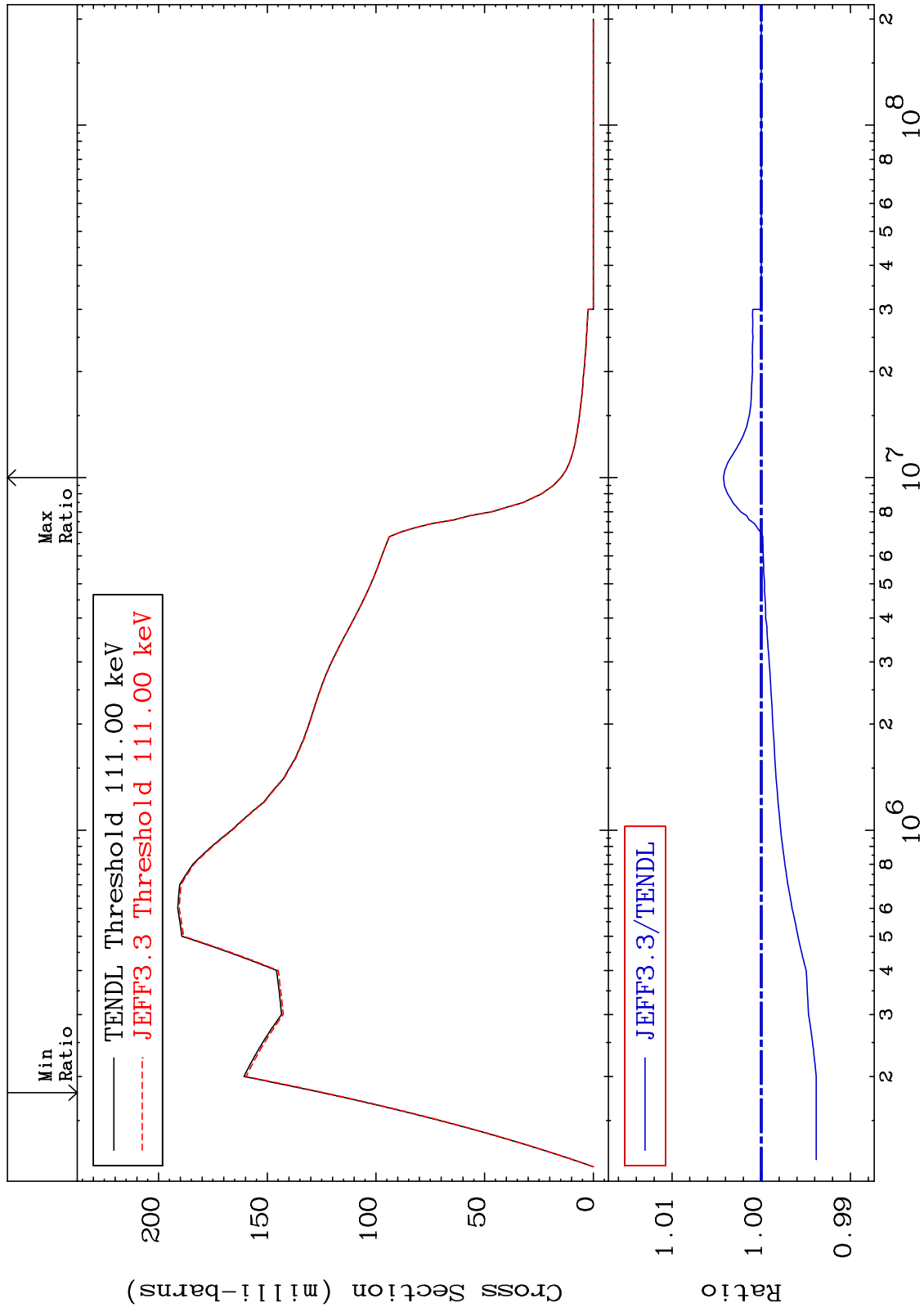
Inelastic:65-Tb-158g

65-Tb-158

Radionuclide Production Cross Section -1.186 To 0.353 %



MAT 6522 Inelastic:65-Tb-158m3 65-Tb-158  
Radionuclide Production Cross Section -0.615 To 0.423 %

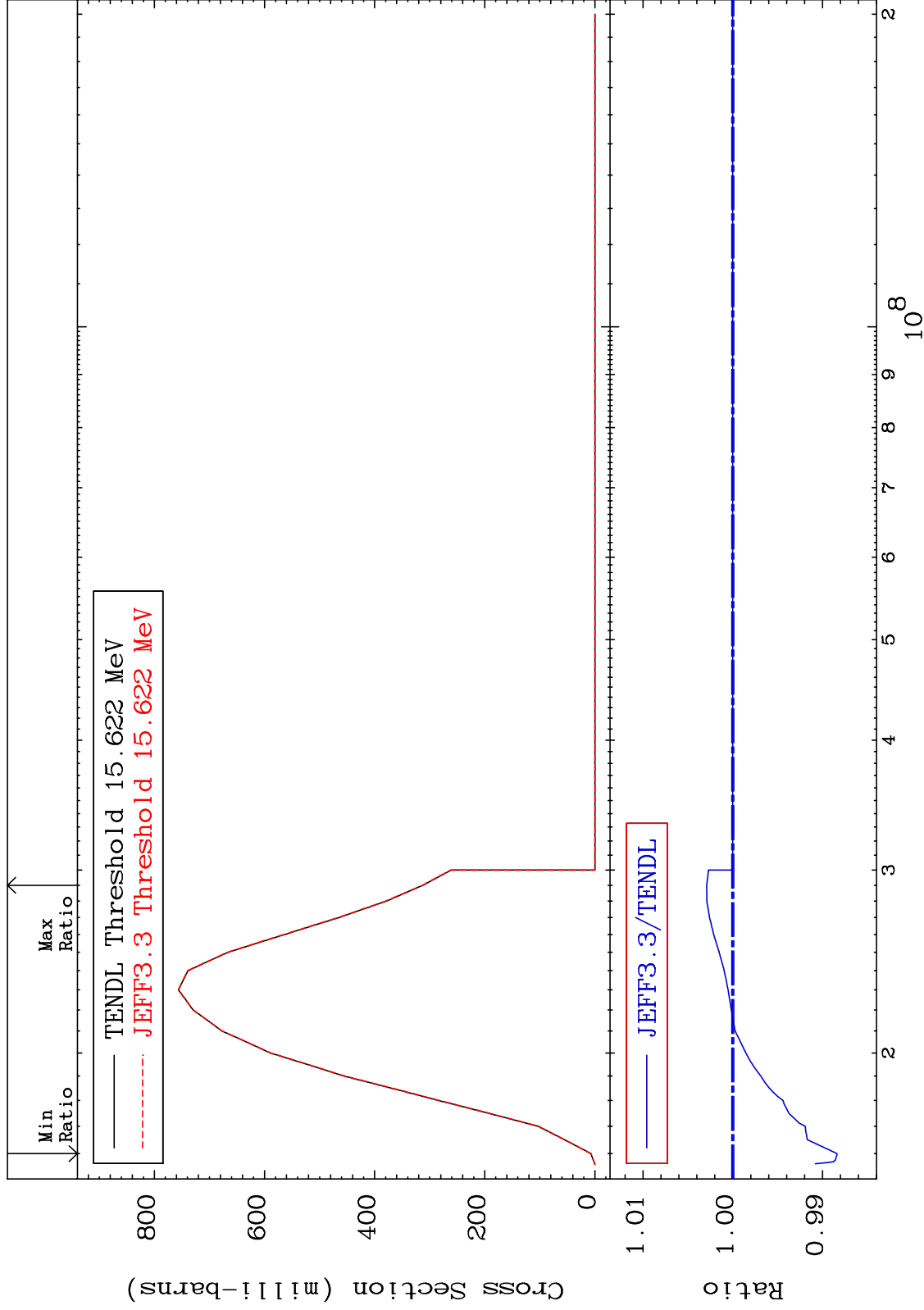


MAT 6522

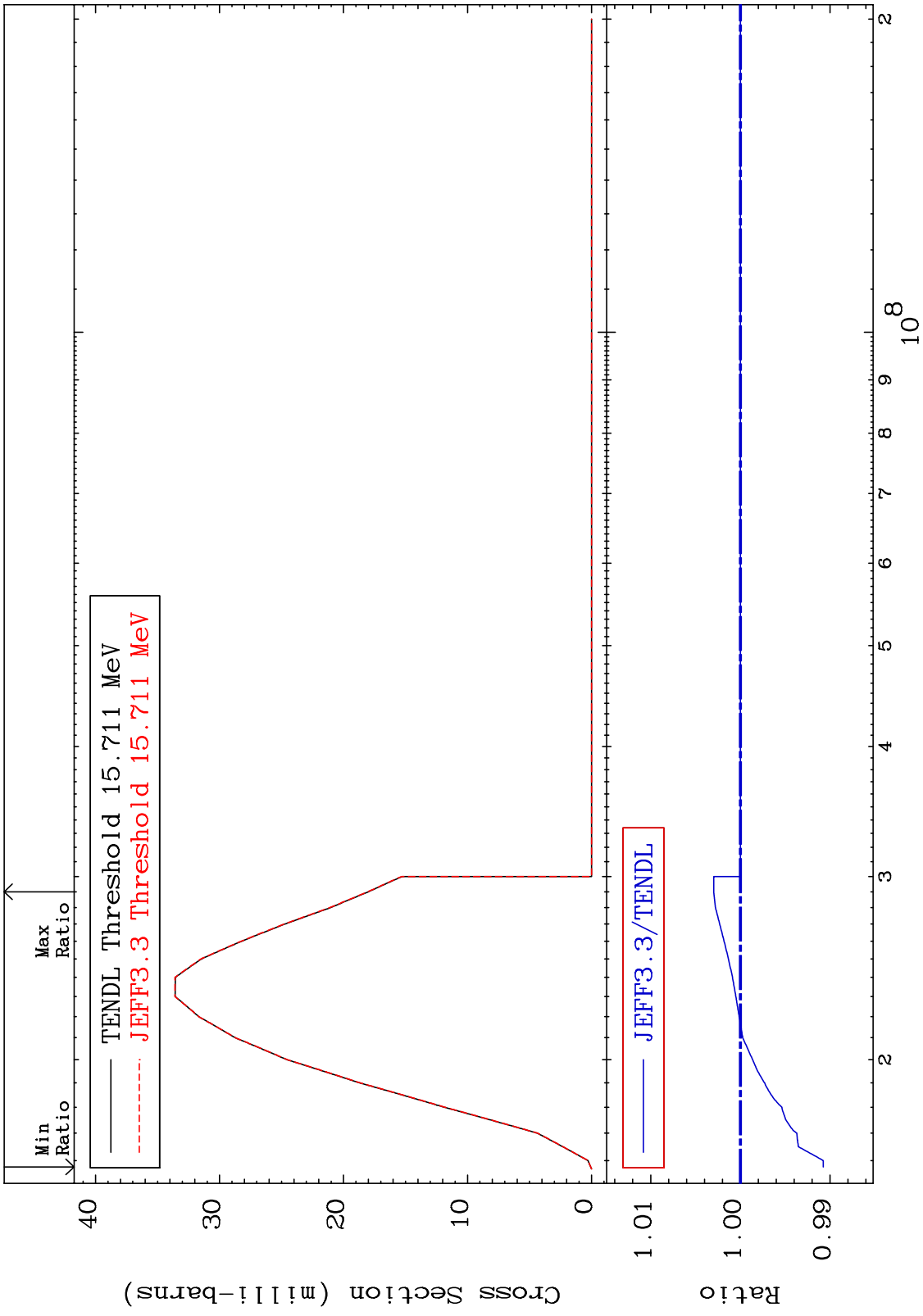
(n,3n):65-Tb-156g

65-Tb-158

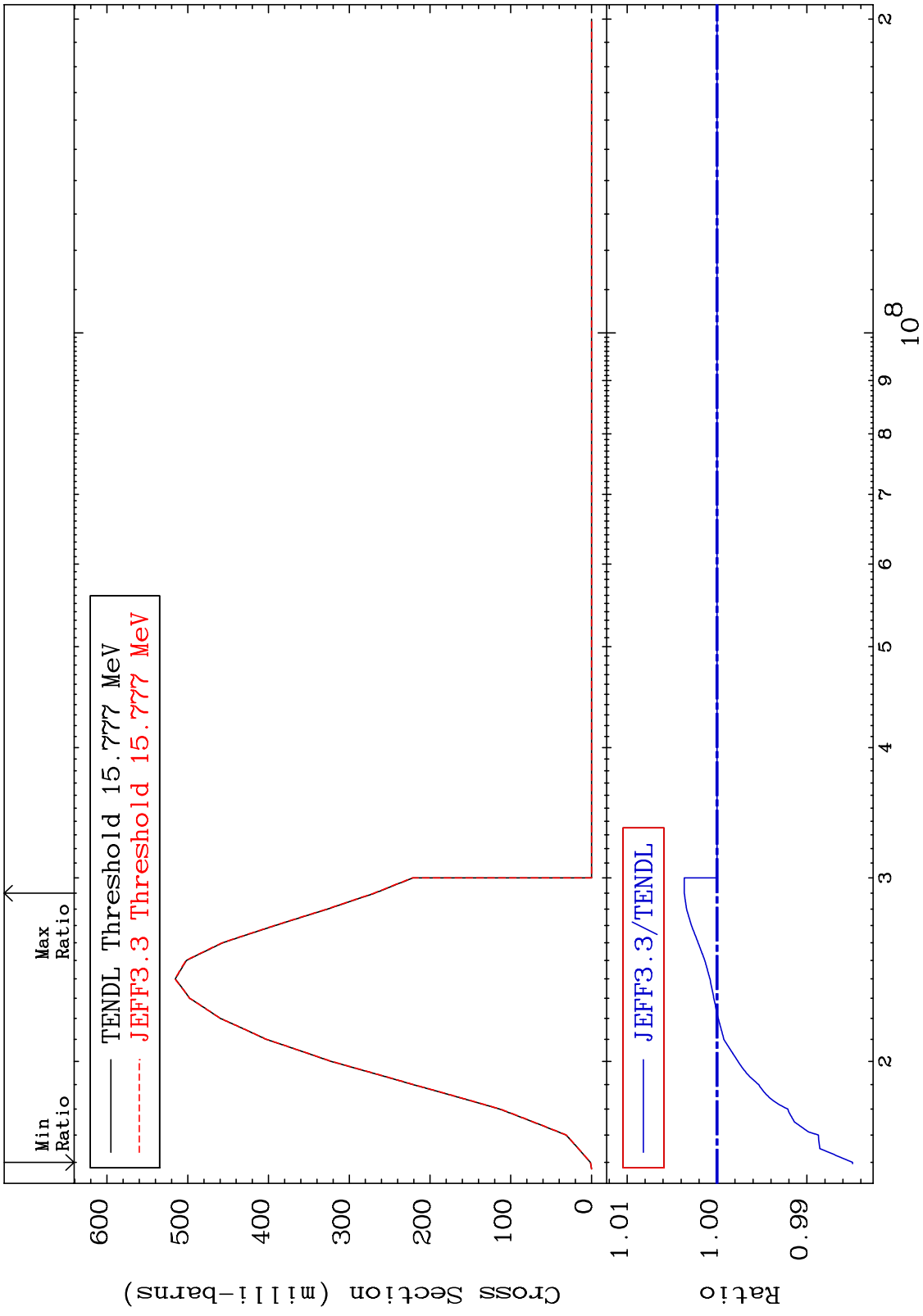
Radionuclide Production Cross Section -1.161 To 0.290 %



MAT 6522 (n,3n):65-Tb-156m3 65-Tb-158  
 Radionuclide Production Cross Section -0.924 To 0.298 %

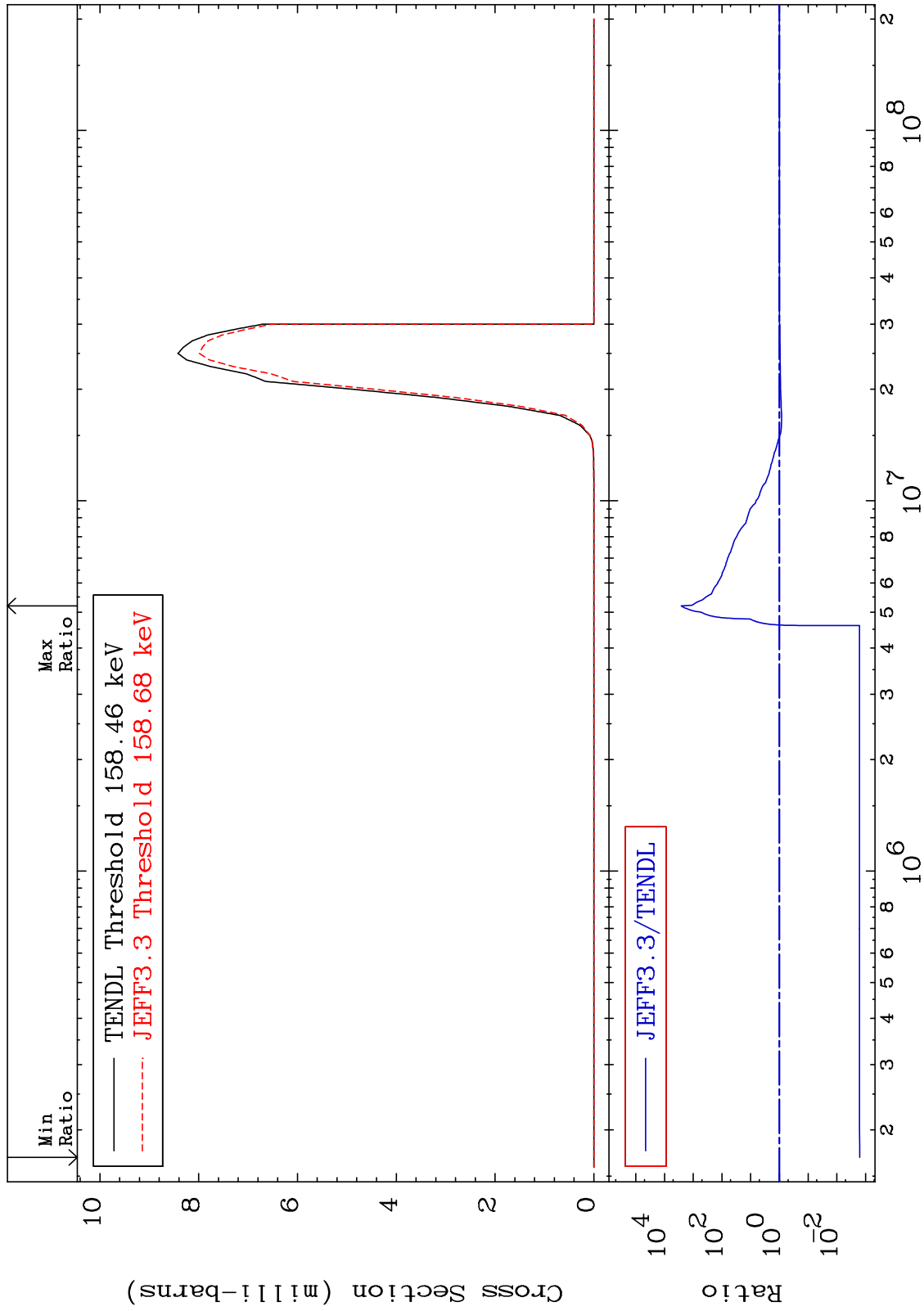


MAT 6522 (n,3n):65-Tb-156m6 65-Tb-158  
 Radionuclide Production Cross Section -1.508 To 0.365 %



MAT 6522

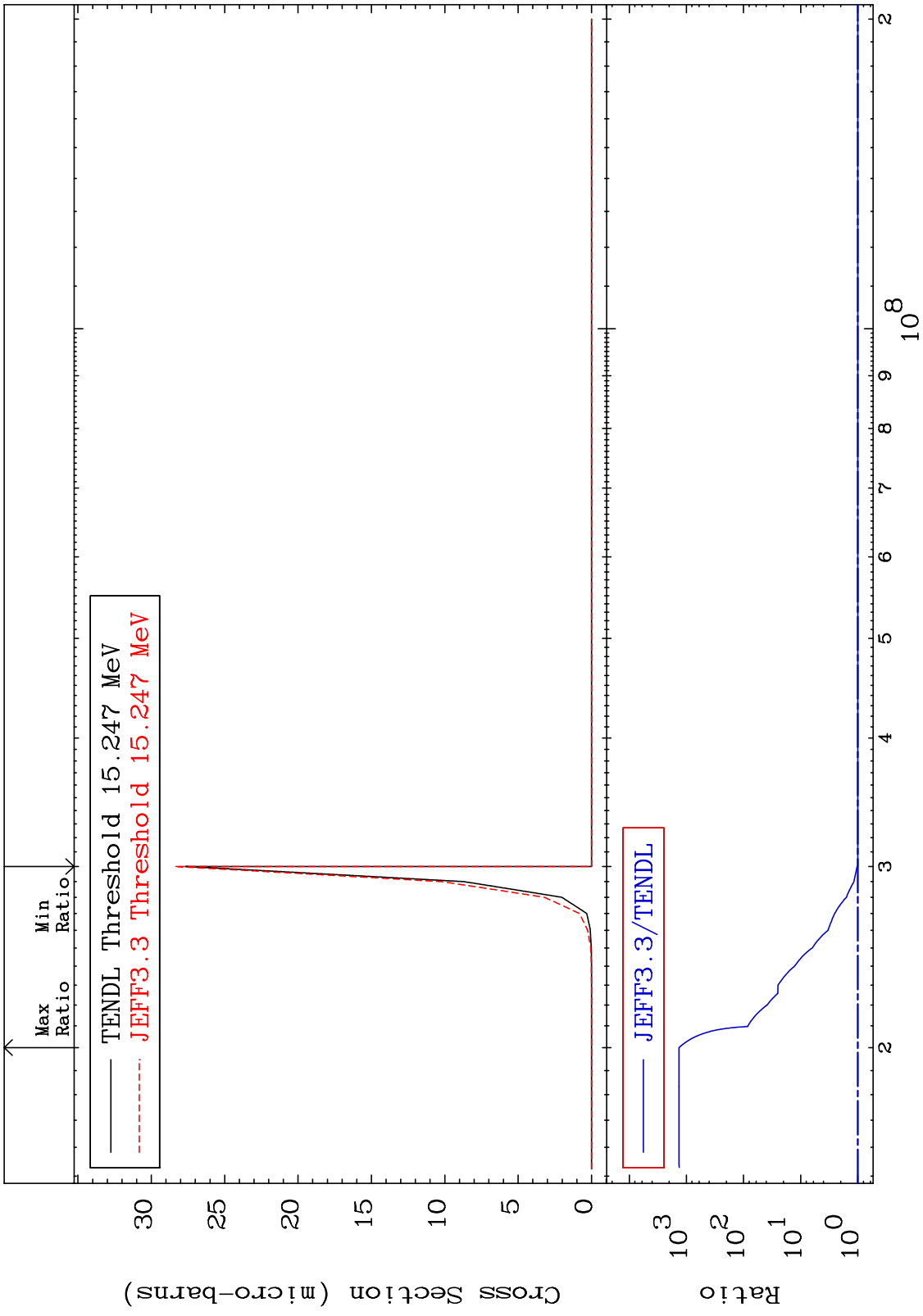
(n, n')  $\alpha$ : 63-Eu-154g 65-Tb-158  
Radionuclide Production Cross Section -99.84 To 9999. %



85

65-Tb-158

MAT 6522 (n,3n)  $\alpha$ :63-Eu-152g 65-Tb-158  
 Radionuclide Production Cross Section 0.000 To 9999. %



MAT 6522 (n,3n)  $\alpha$ : 63-Eu-152m1 65-Tb-158  
 Radionuclide Production Cross Section 0.000 To 9999. %

