

Program Complot  
(Version 2017-1)

by

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Press Mouse Button to Start

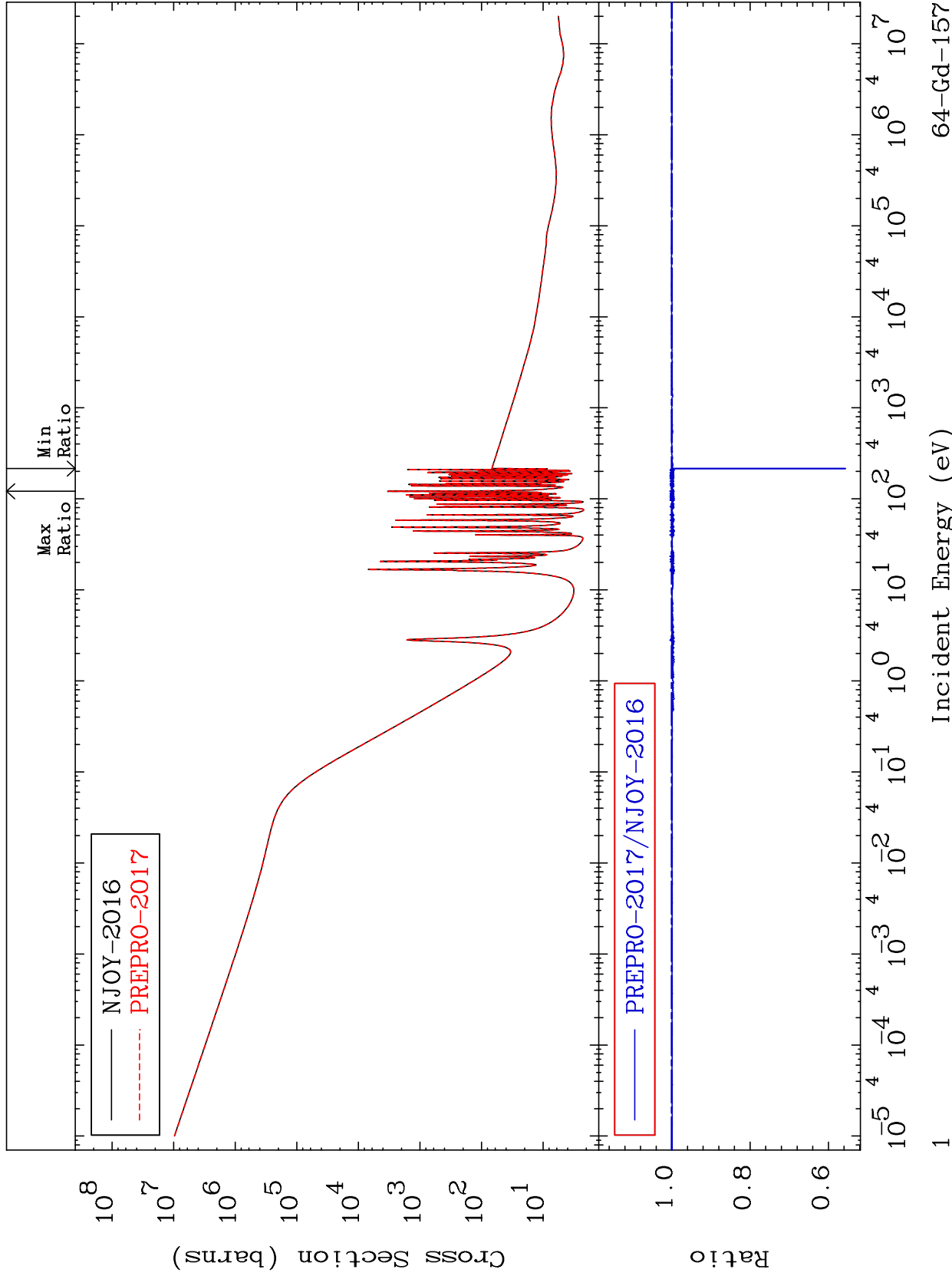
MAT 6440

Total

64-Gd-157

Cross Section

-44.36 To 0.520 %



64-Gd-157

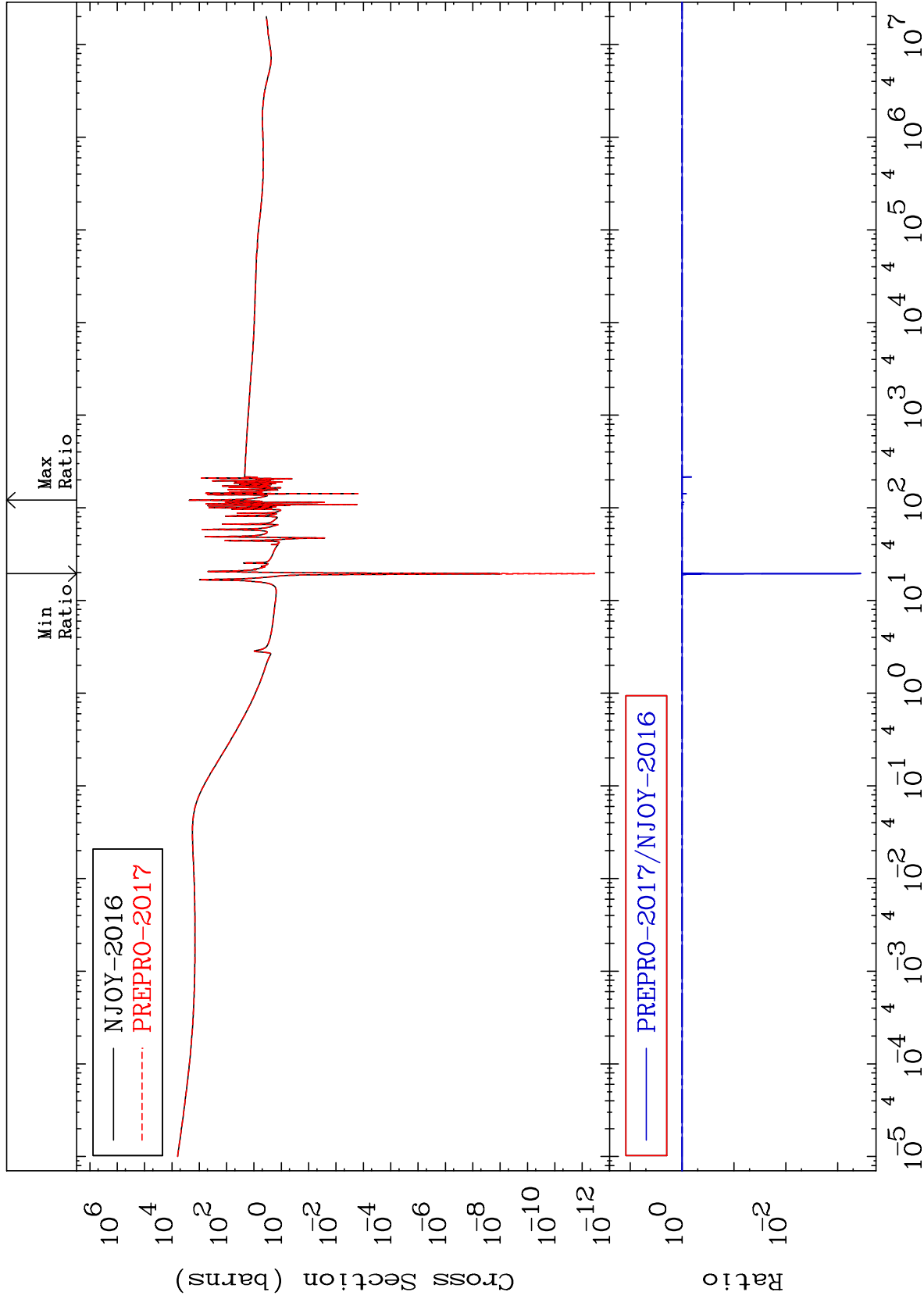
MAT 6440

Elastic

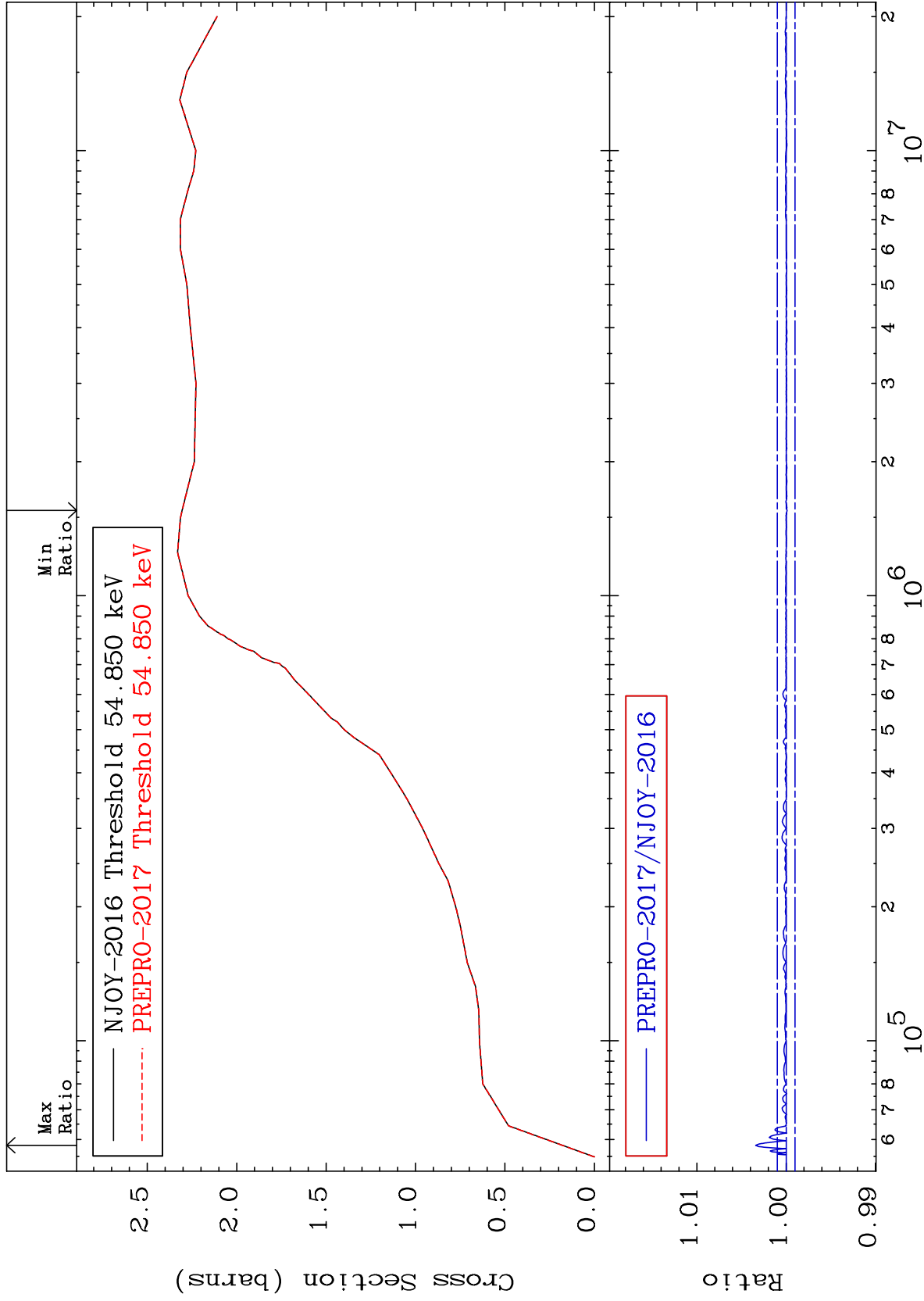
64-Gd-157

Cross Section

-99.96 To 0.525 %



MAT 6440 Inelastic Cross Section 64-Gd-157 -0.011 To 0.342 %

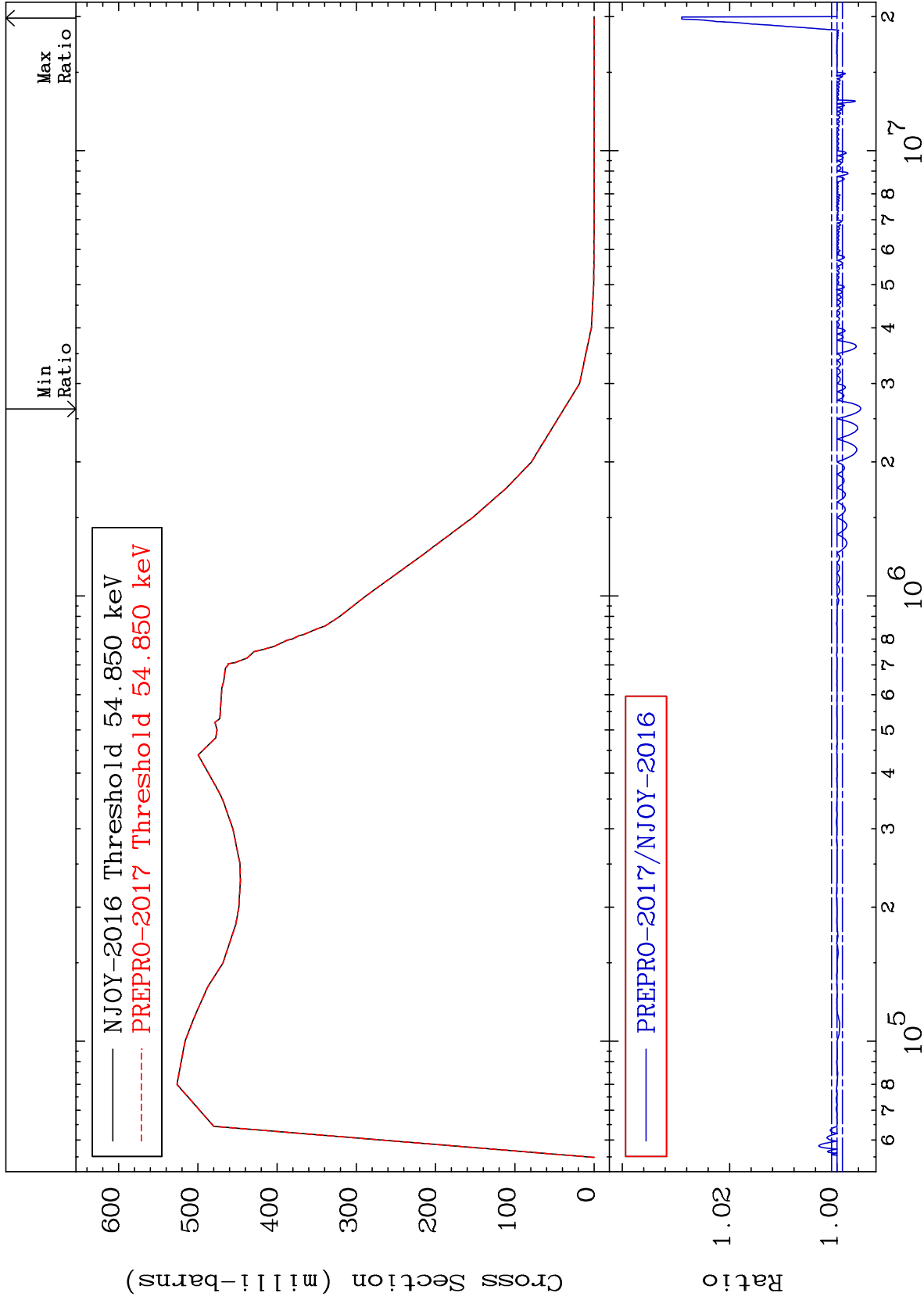


3 64-Gd-157

MAT 6440

MT= 51 (n,n') Level  
Cross Section

64-Gd-157  
-0.444 To 2.892 %



4

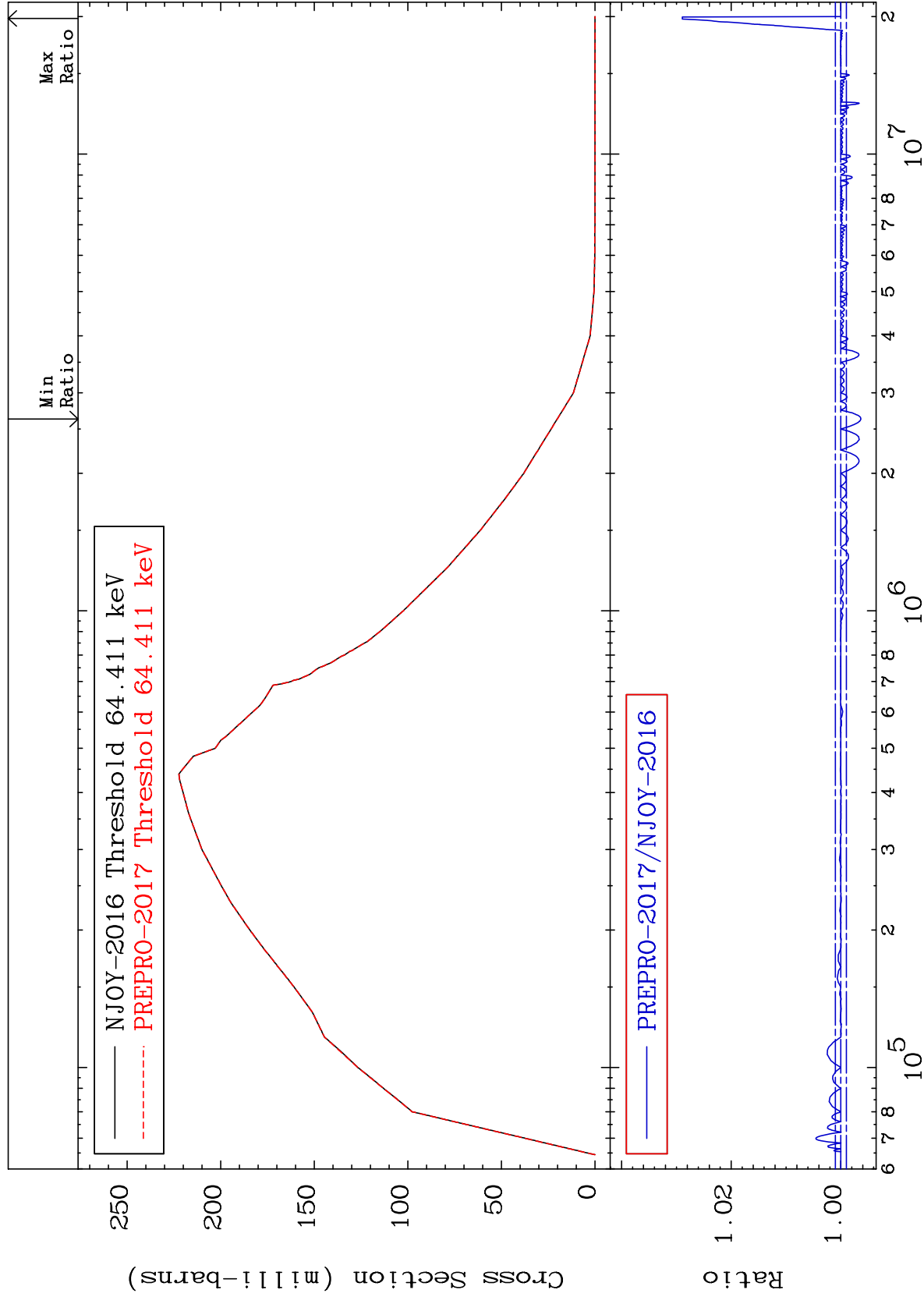
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 52 (n,n') Level  
Cross Section

64-Gd-157  
-0.367 To 2.892 %



5

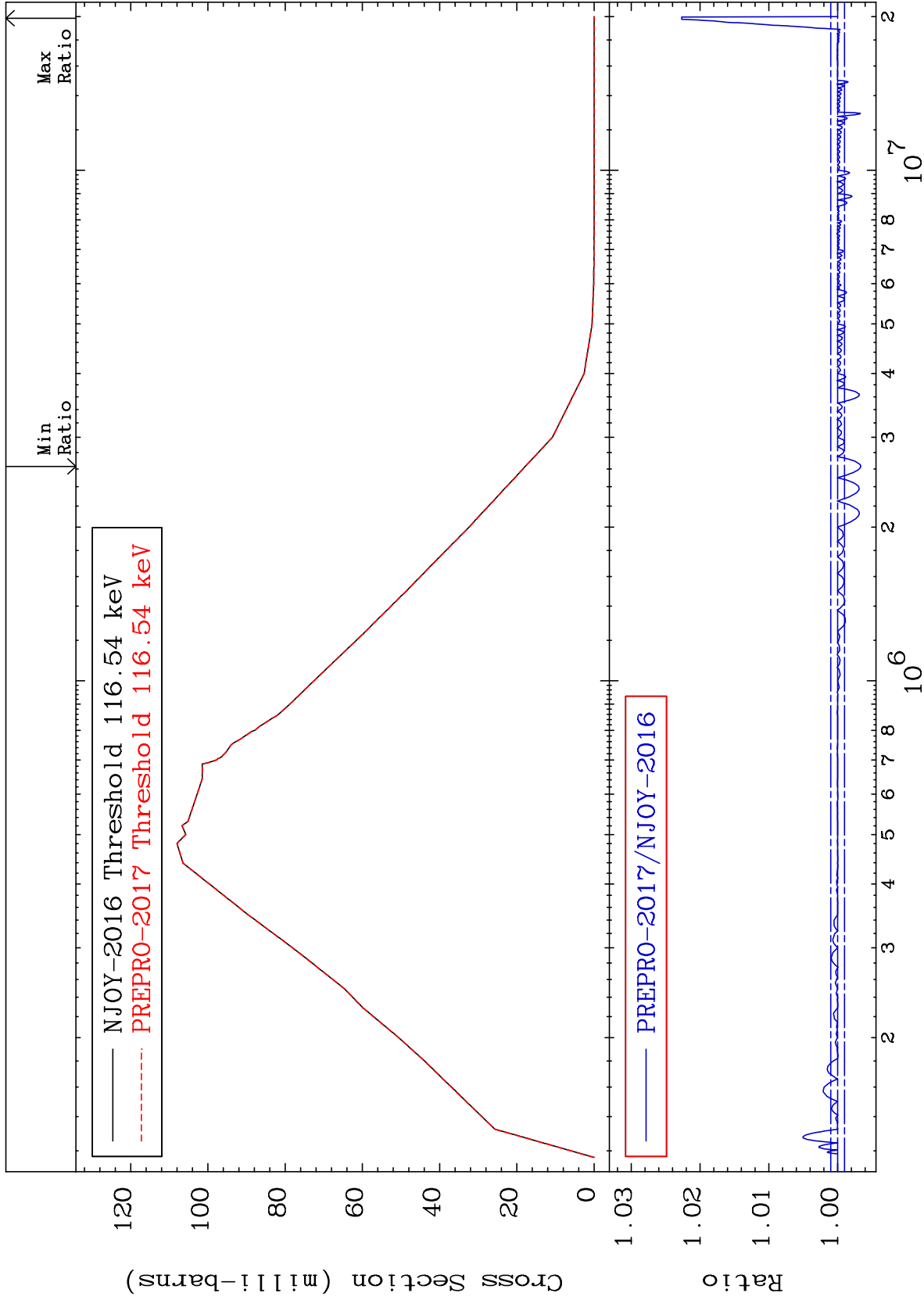
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 53 (n,n') Level  
Cross Section

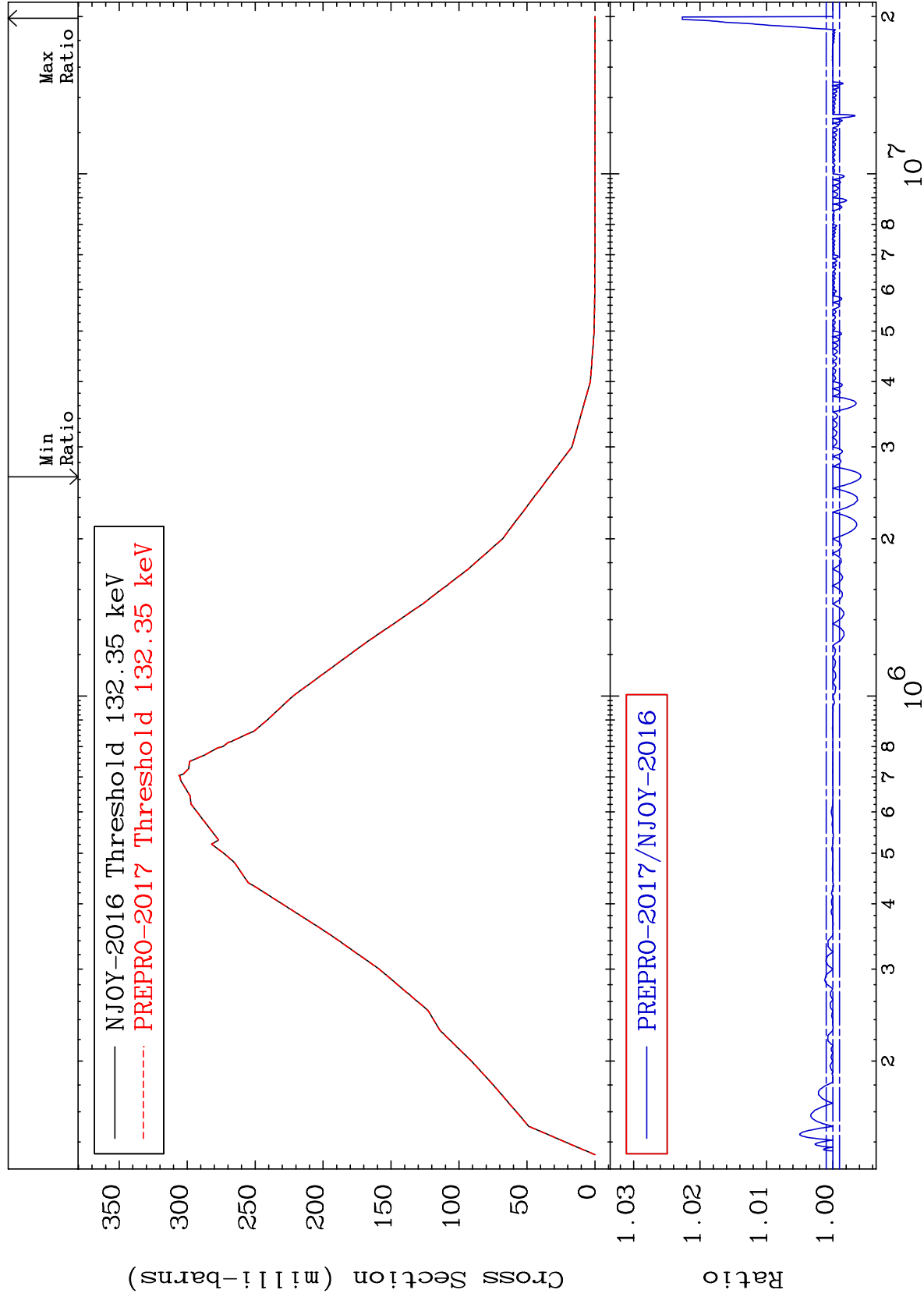
64-Gd-157  
-0.338 To 2.267 %



MAT 6440

MT= 54 (n,n') Level  
Cross Section

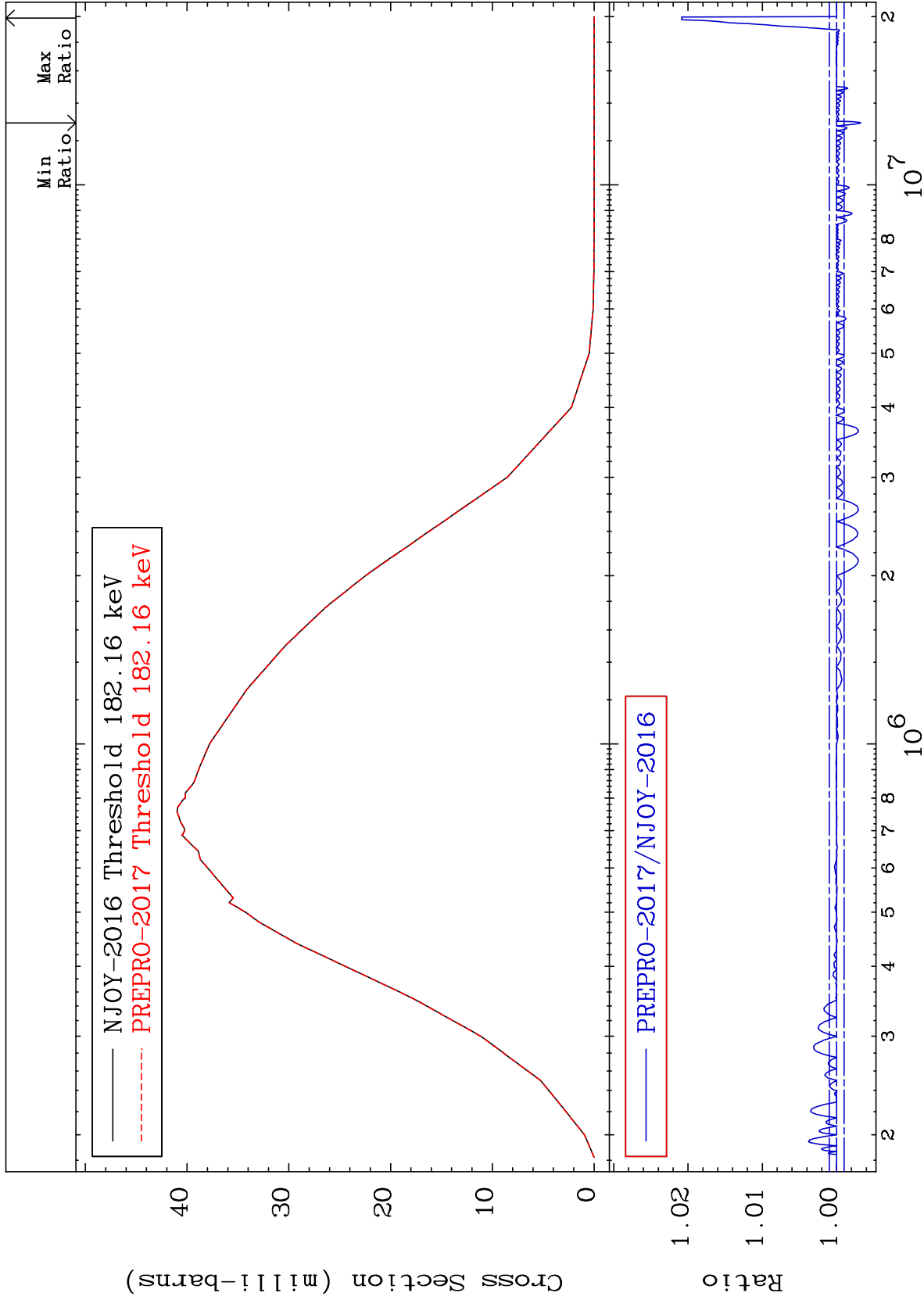
64-Gd-157  
-0.424 To 2.266 %



MAT 6440

MT= 55 (n,n') Level  
Cross Section

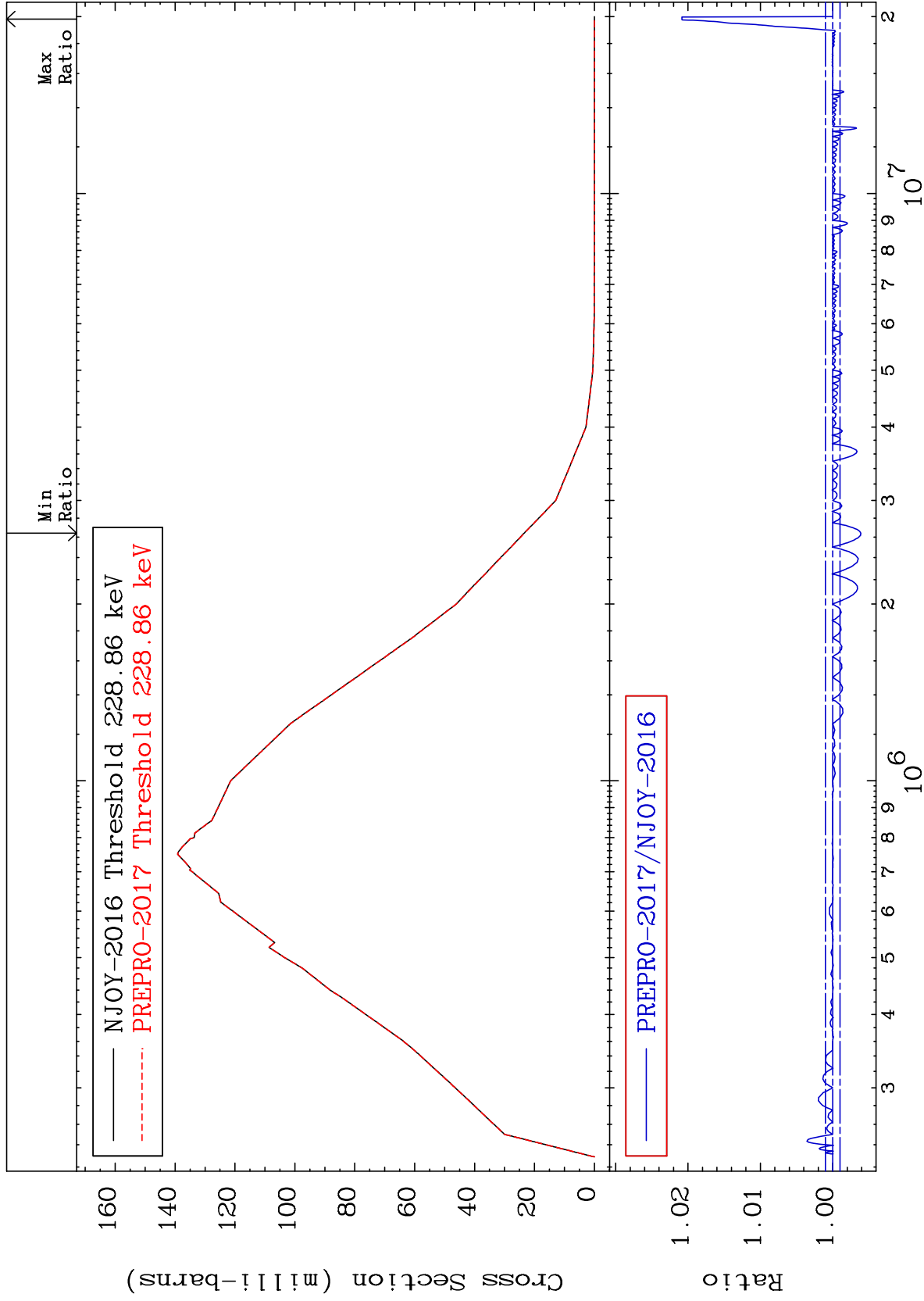
64-Gd-157  
-0.325 To 2.084 %



MAT 6440

MT= 56 (n,n') Level  
Cross Section

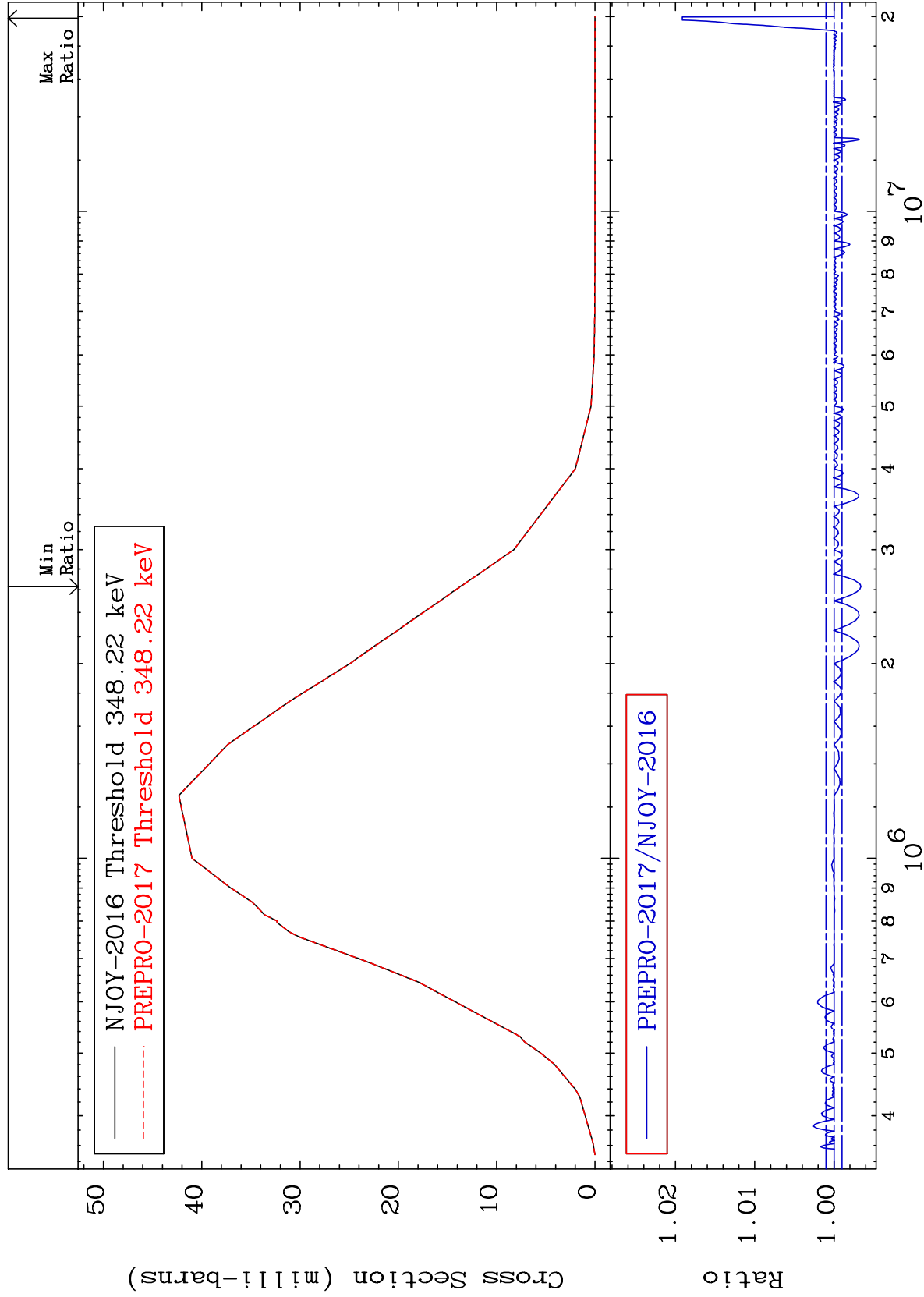
64-Gd-157  
-0.388 To 2.084 %



MAT 6440

MT= 57 (n, n') Level  
Cross Section

64-Gd-157  
-0.340 To 1.914 %



10

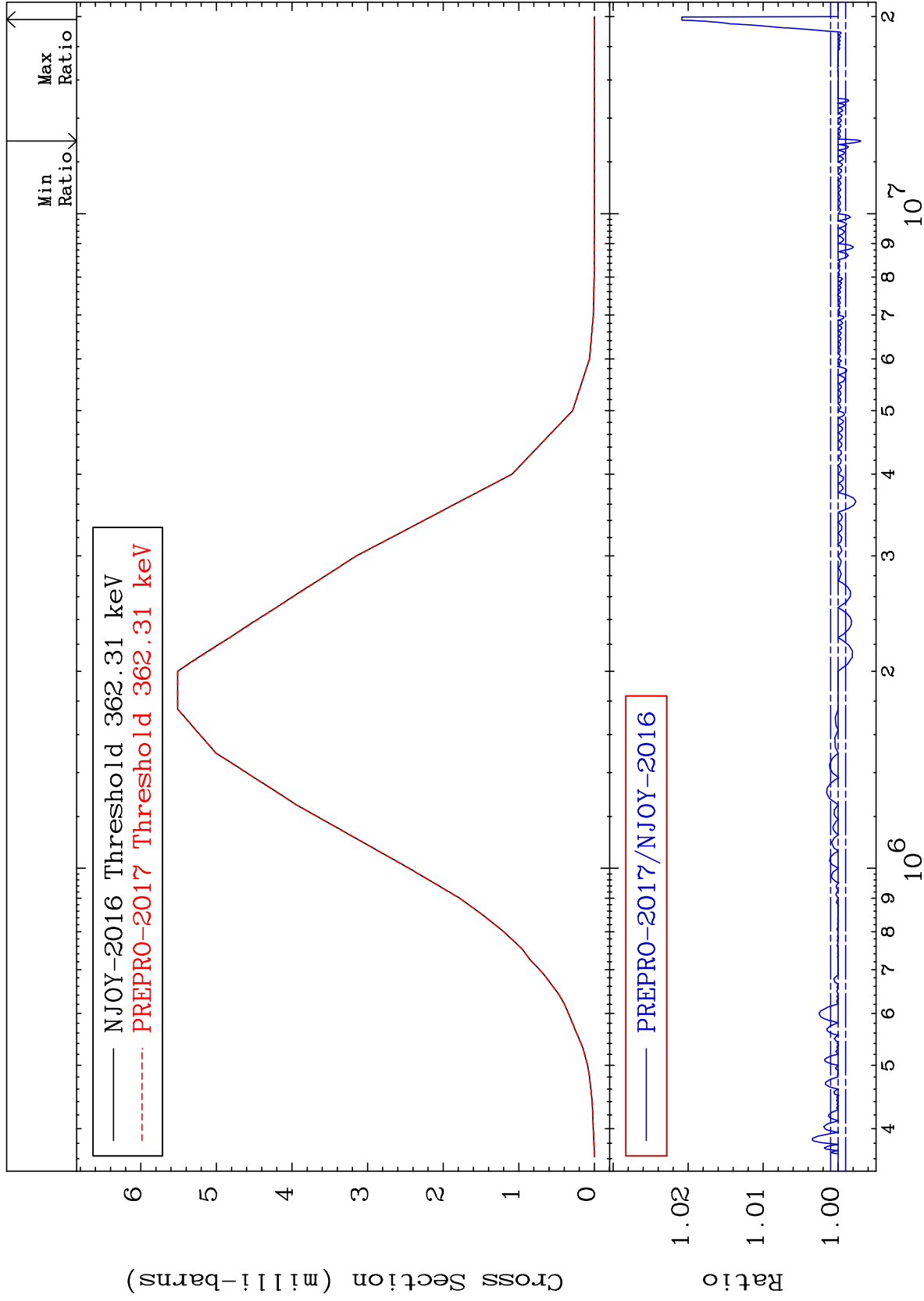
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 58 (n,n') Level  
Cross Section

64-Gd-157  
-0.302 To 2.084 %



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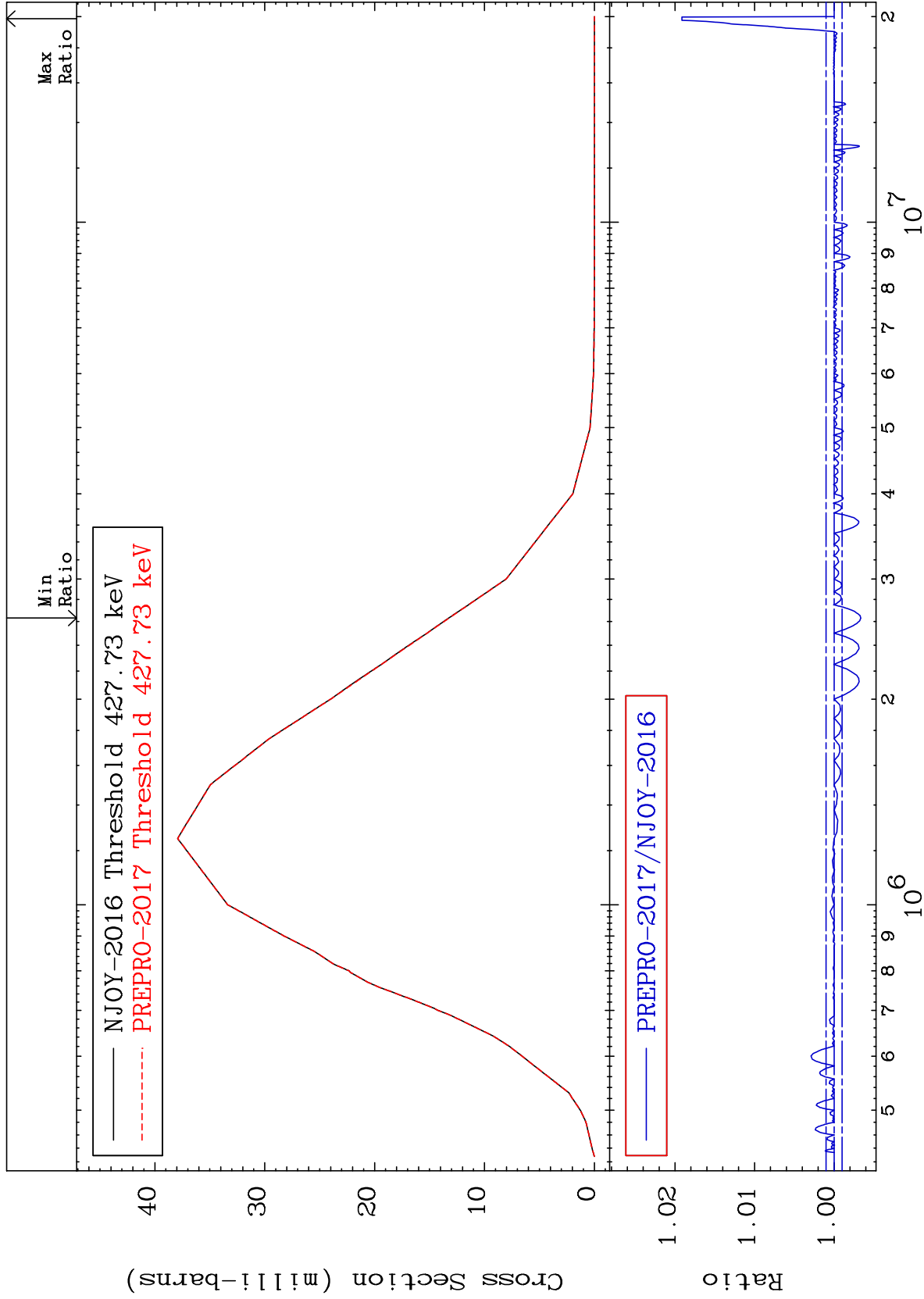
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 59 (n,n') Level  
Cross Section

64-Gd-157  
-0.337 To 1.913 %



12

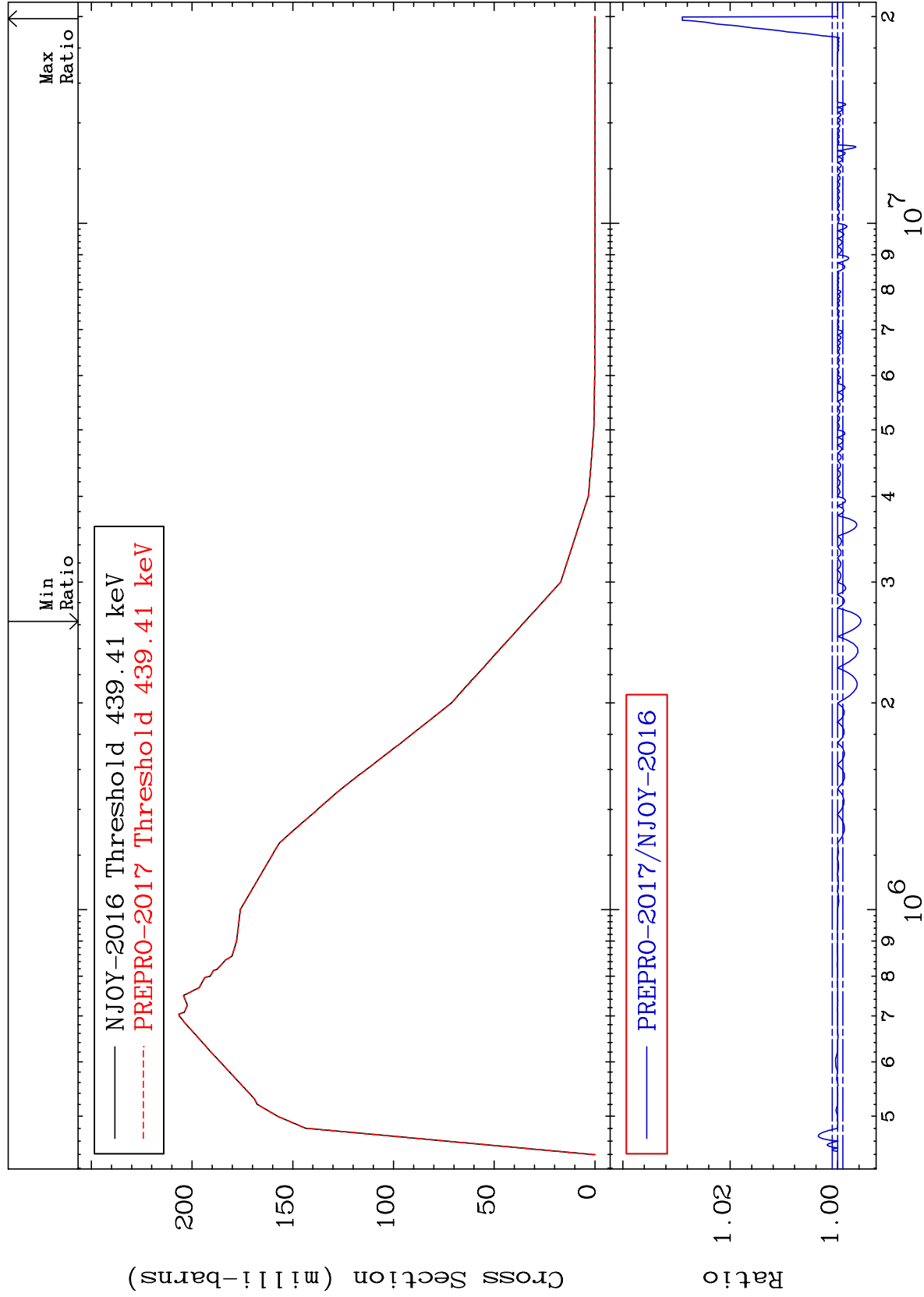
Incident Energy (eV)

64-Gd-157

MAT 6440

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

64-Gd-157  
-0.435 To 2.892 %



13

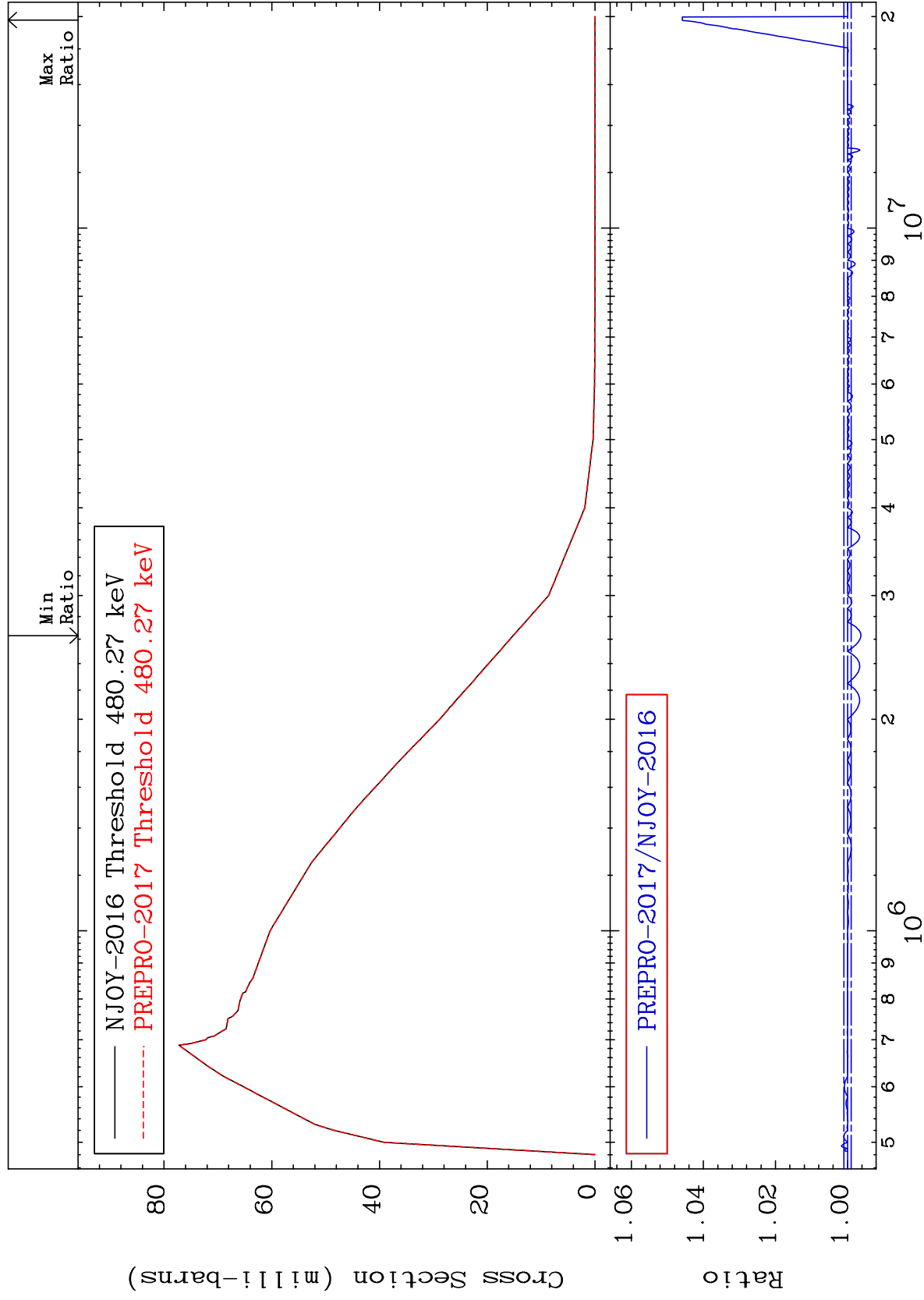
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 61 (n,n') Level  
Cross Section

64-Gd-157  
-0.371 To 4.583 %



14

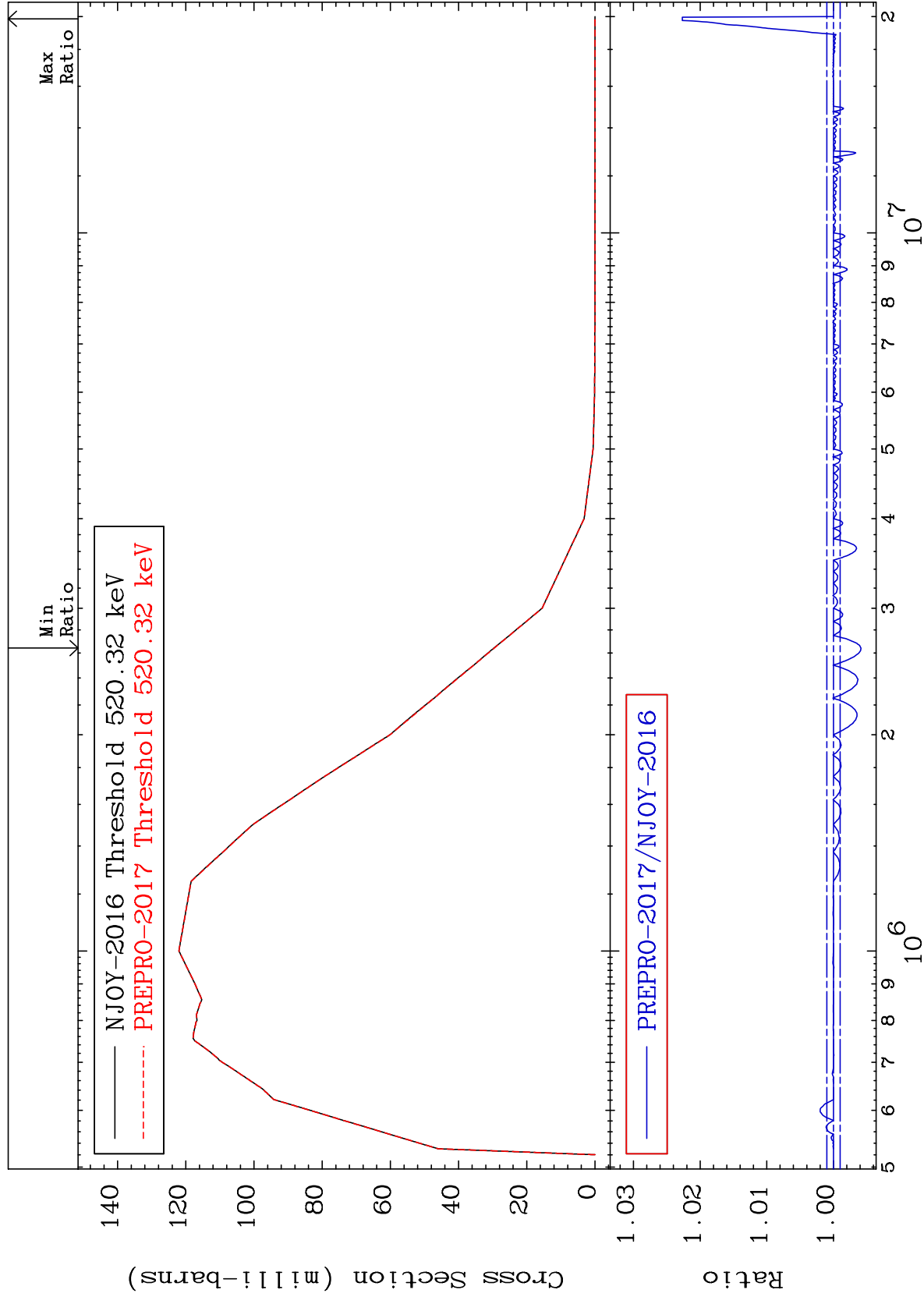
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 62 (n,n') Level  
Cross Section

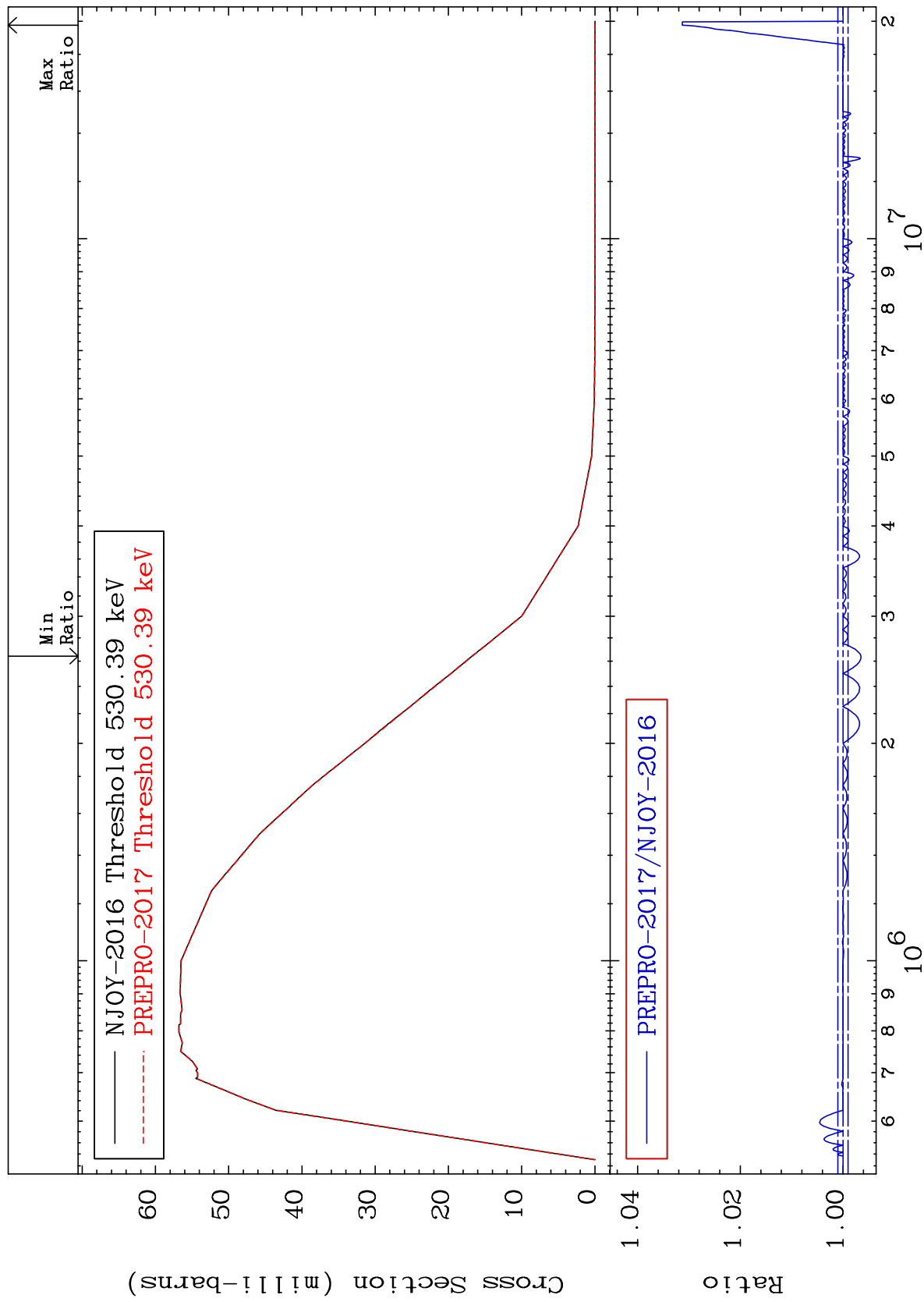
64-Gd-157  
-0.413 To 2.267 %



MAT 6440

MT= 63 (n,n') Level  
Cross Section

64-Gd-157  
-0.350 To 3.129 %



16

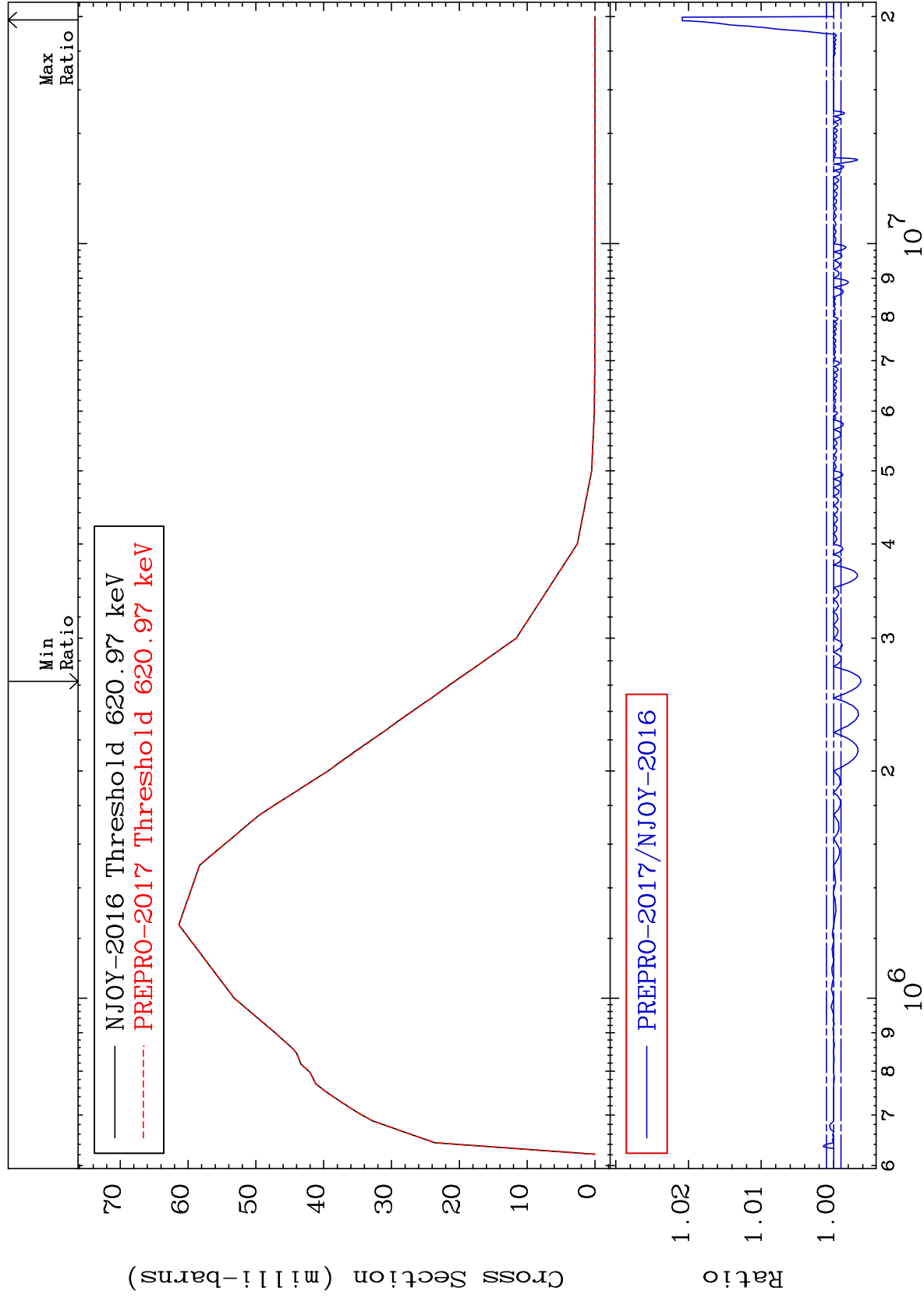
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 64 (n,n') Level  
Cross Section

64-Gd-157  
-0.375 To 2.084 %



17

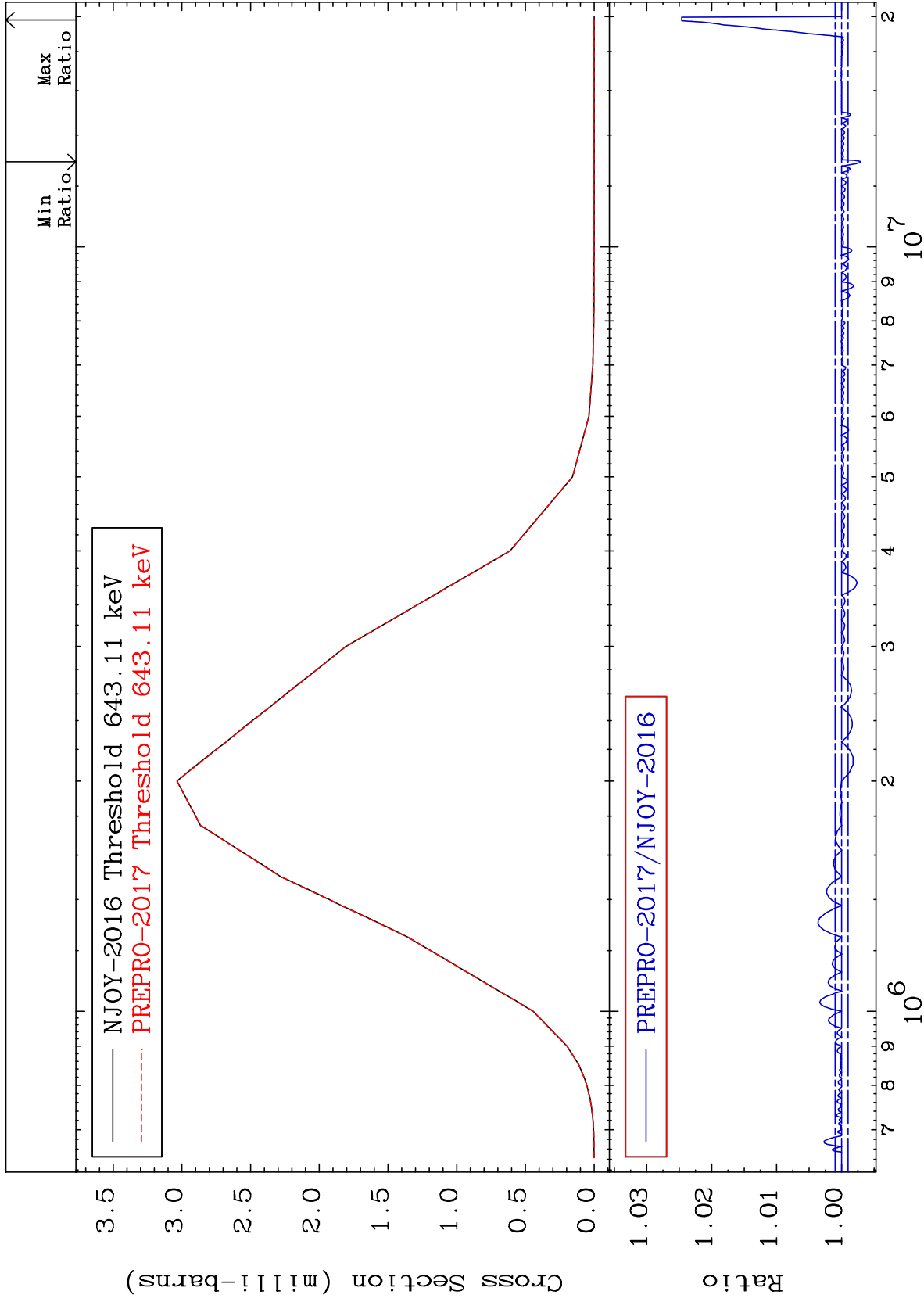
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 65 (n,n') Level  
Cross Section

64-Gd-157  
-0.296 To 2.461 %



18

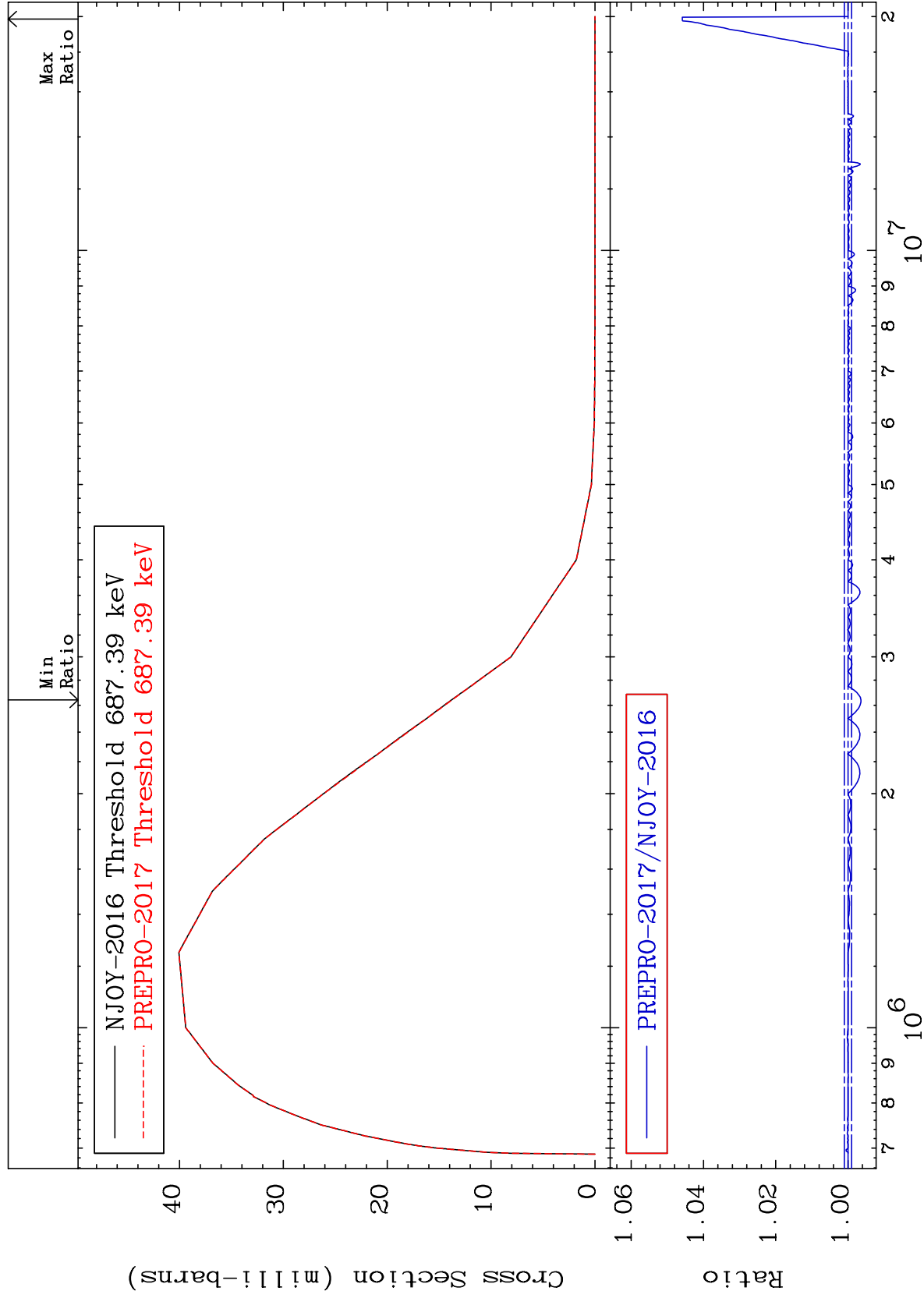
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 66 (n,n') Level  
Cross Section

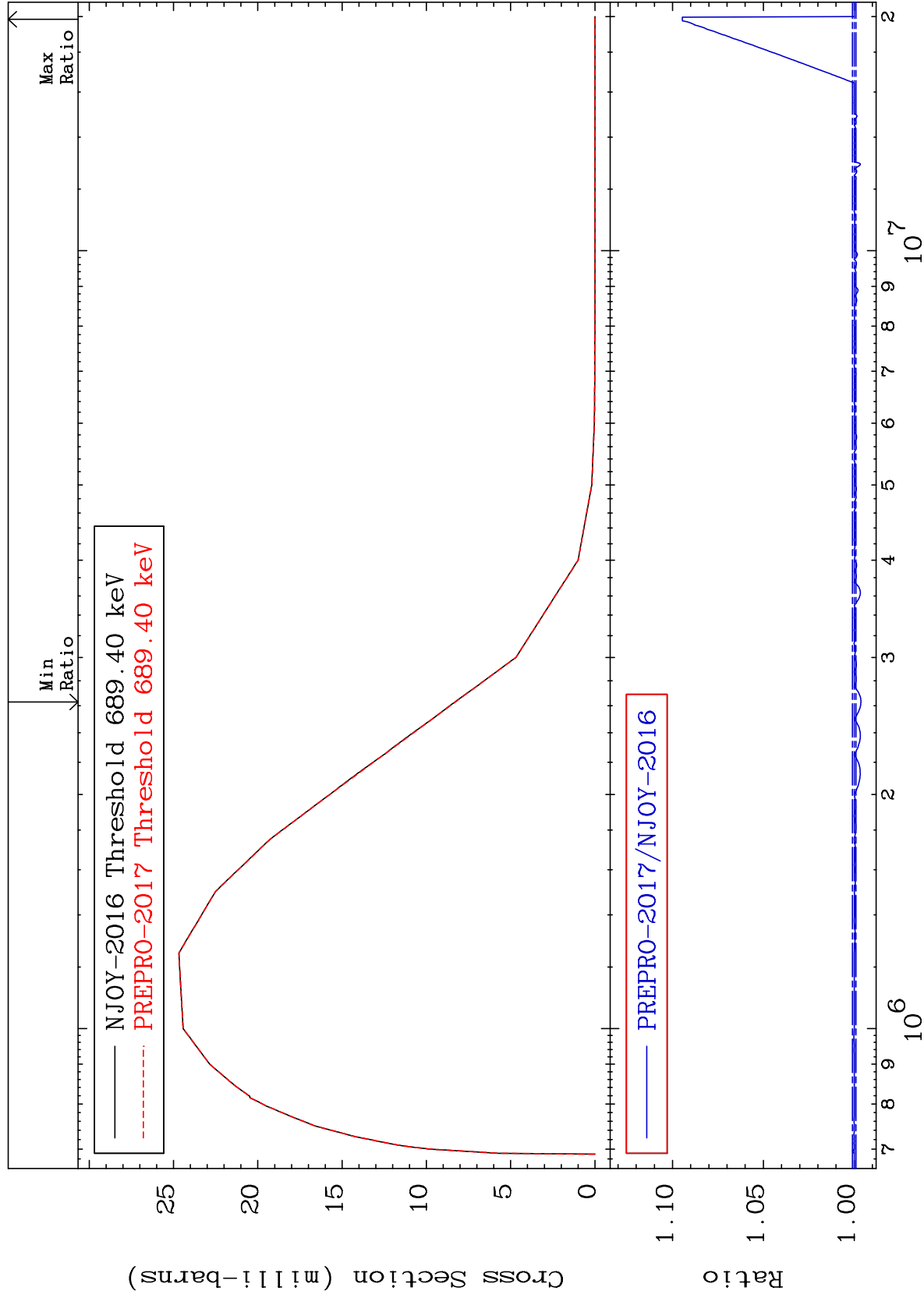
64-Gd-157  
-0.358 To 4.584 %



MAT 6440

MT= 67 (n,n') Level  
Cross Section

64-Gd-157  
-0.371 To 9.459 %



20

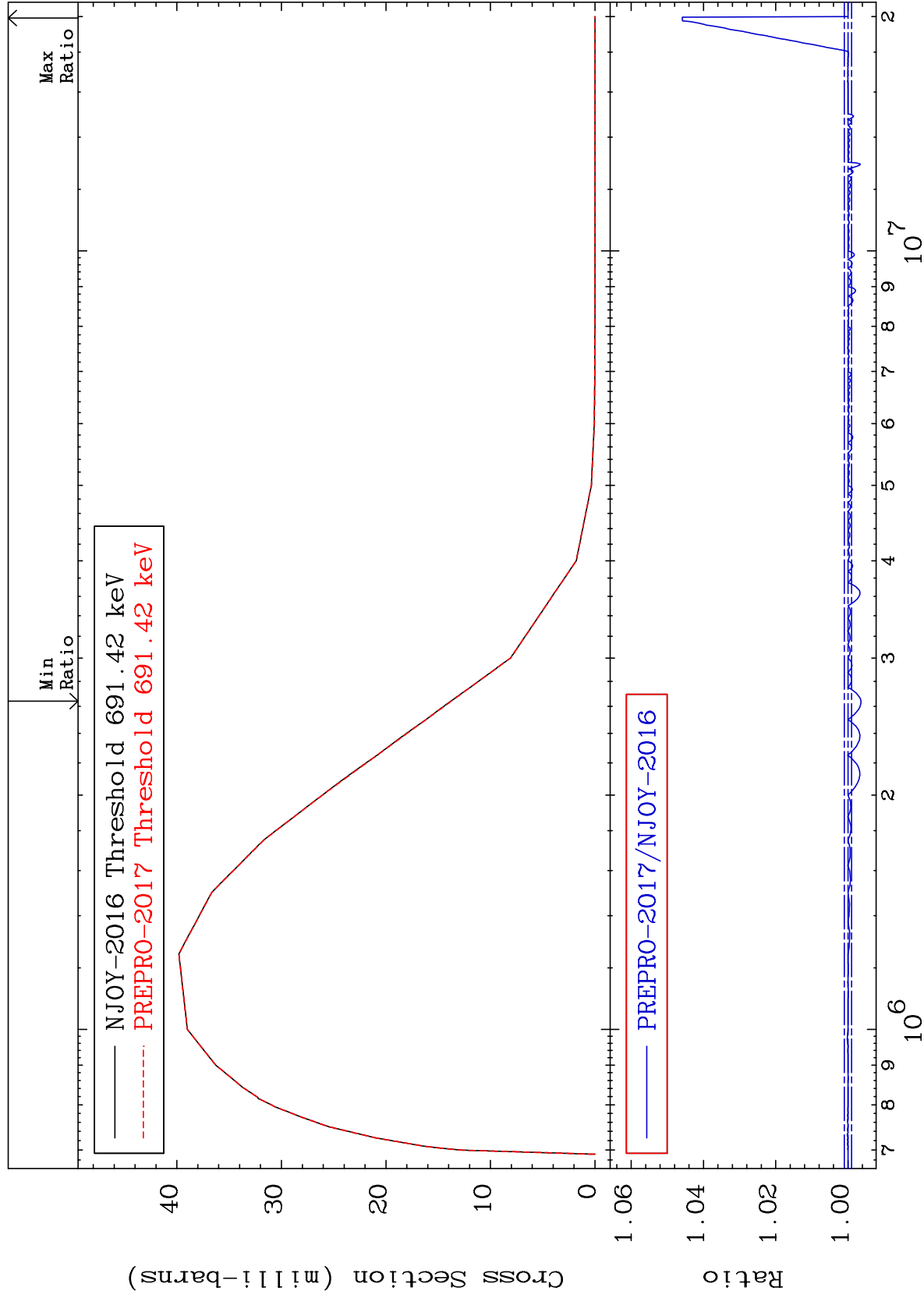
Incident Energy (eV)

64-Gd-157

MAT 6440

MT= 68 (n,n') Level  
Cross Section

64-Gd-157  
-0.358 To 4.583 %



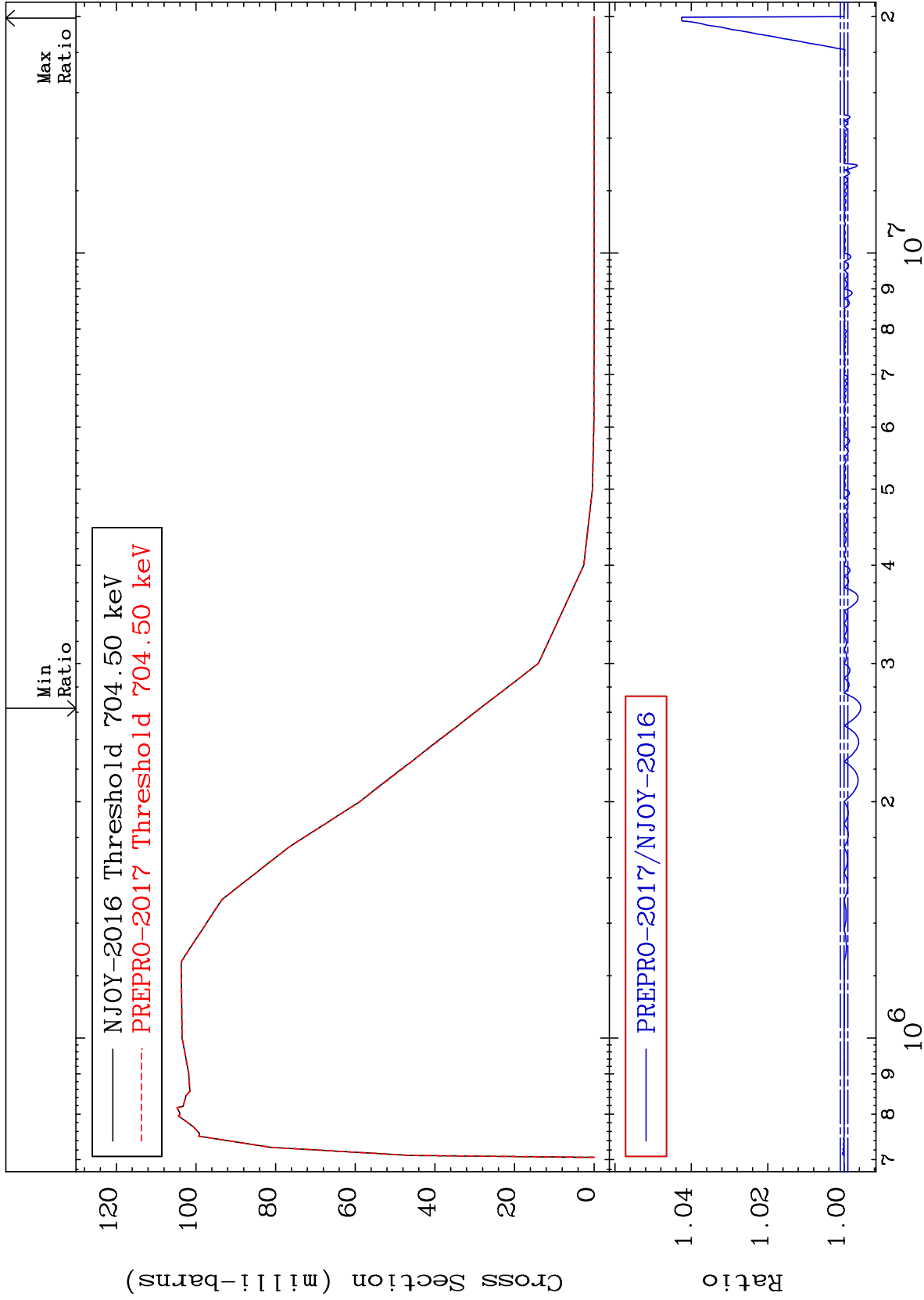
21

64-Gd-157

MAT 6440

MT= 69 (n,n') Level  
Cross Section

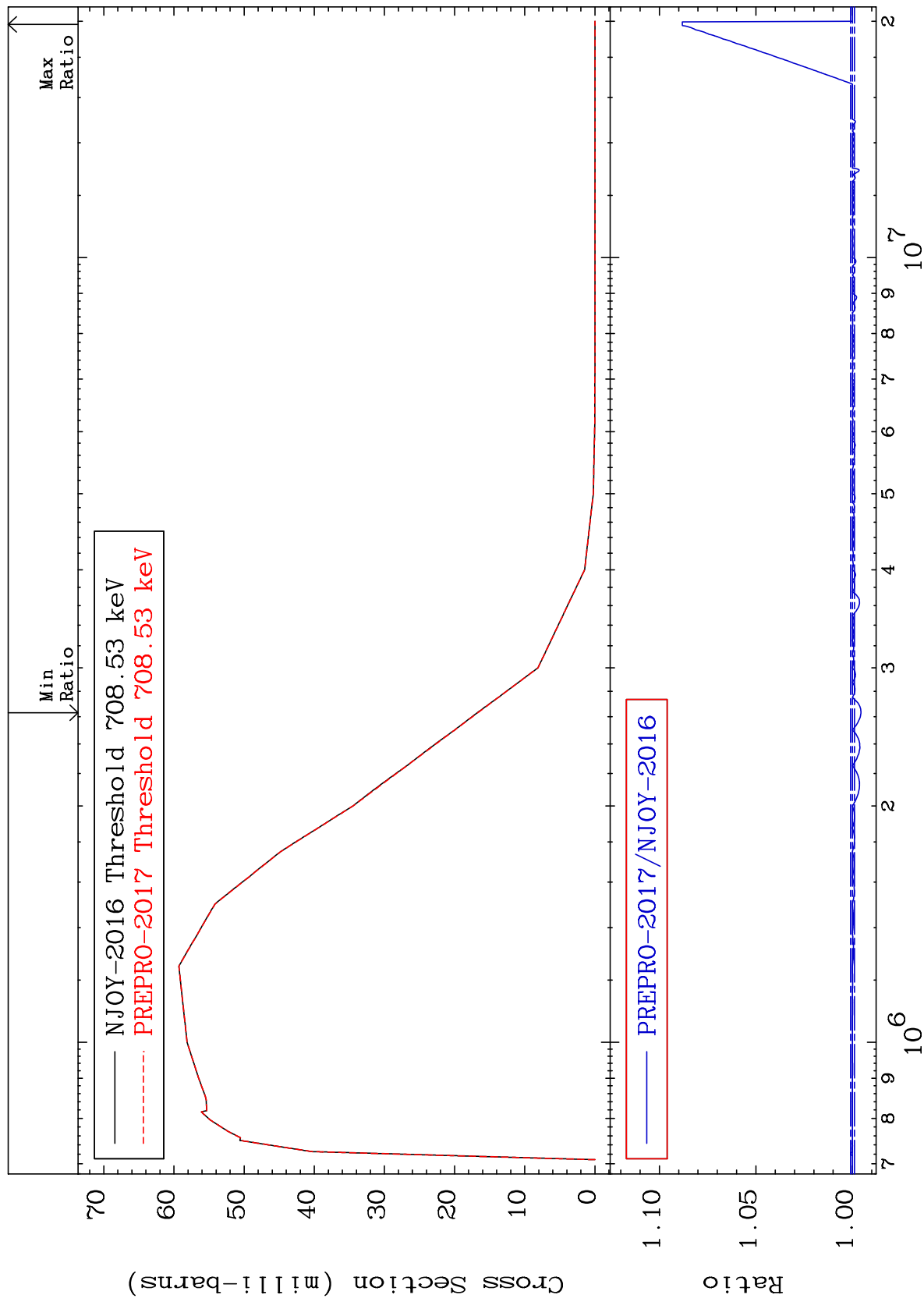
64-Gd-157  
-0.436 To 4.252 %



MAT 6440

MT= 70 (n,n') Level  
Cross Section

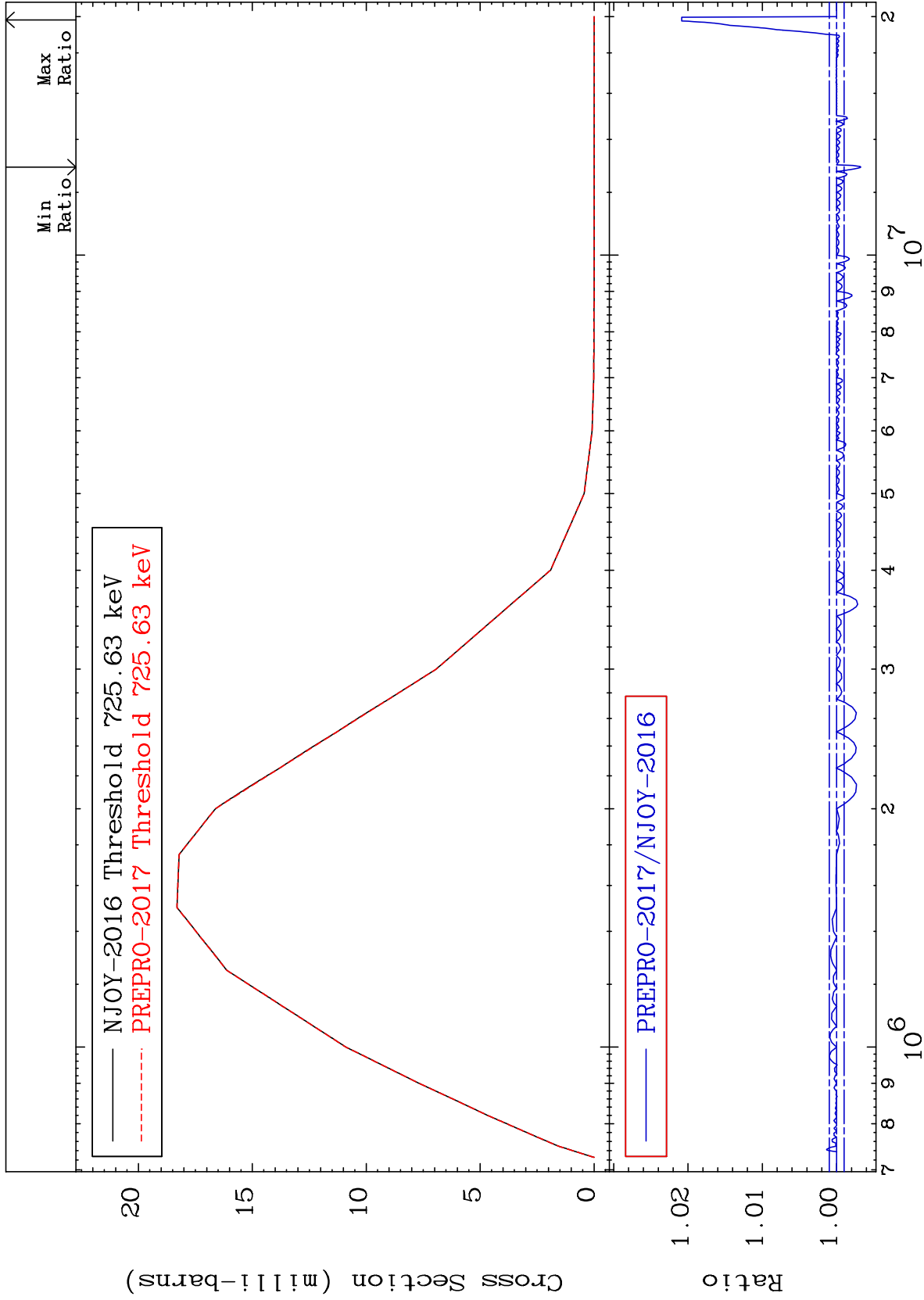
64-Gd-157  
-0.439 To 8.810 %



MAT 6440

MT= 71 (n,n') Level  
Cross Section

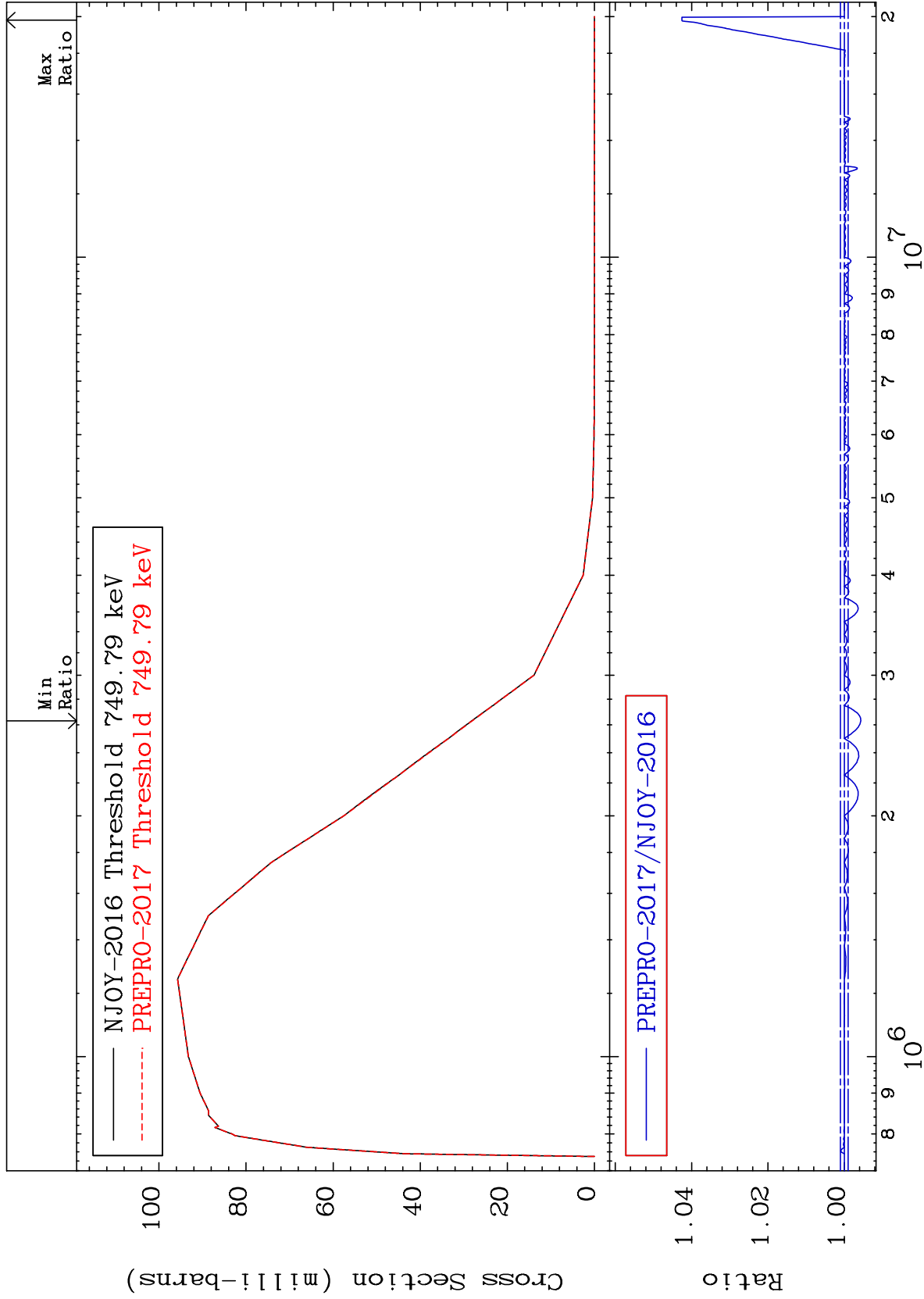
64-Gd-157  
-0.325 To 2.084 %



MAT 6440

MT= 72 (n,n') Level  
Cross Section

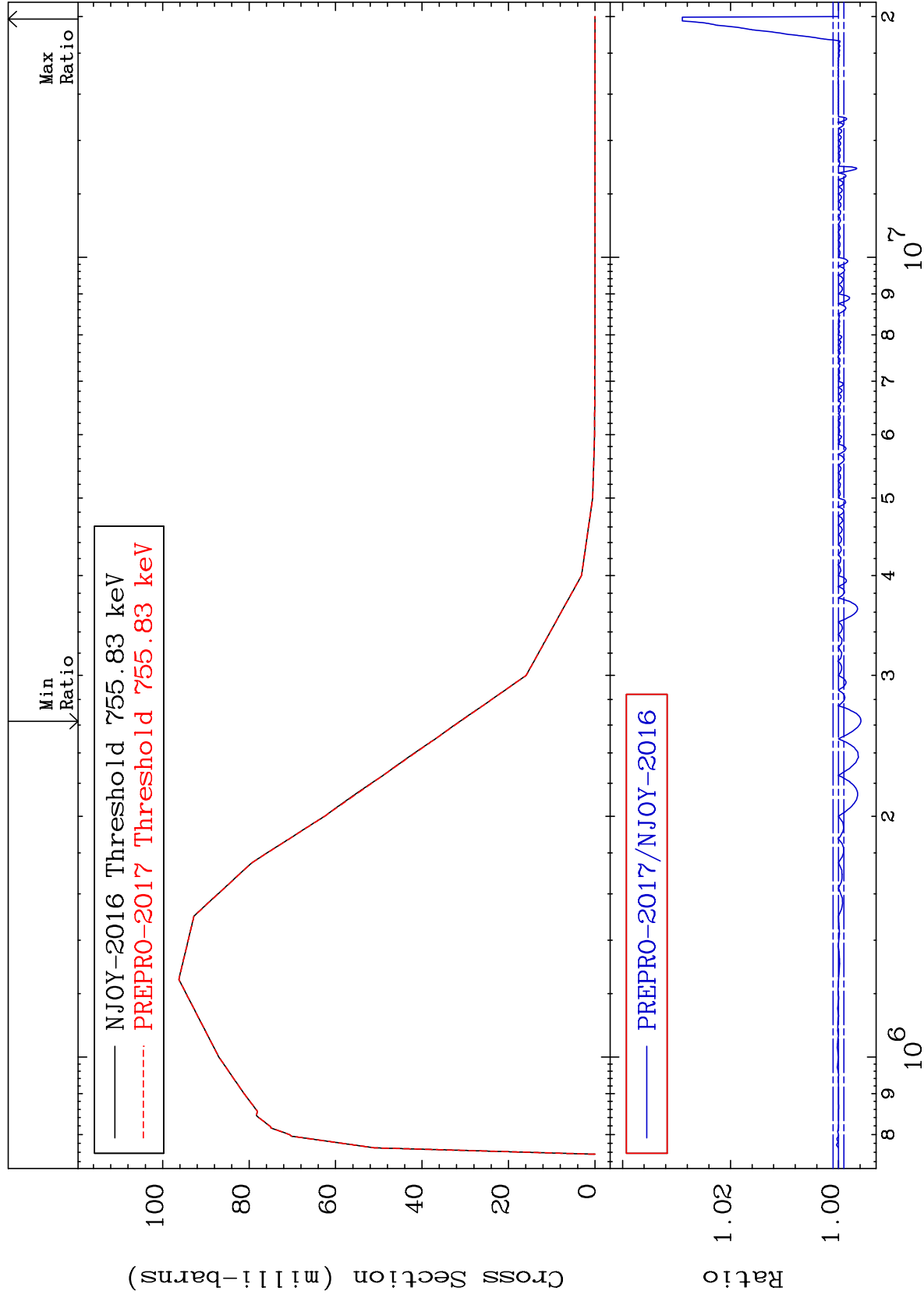
64-Gd-157  
-0.433 To 4.253 %



MAT 6440

MT= 73 (n,n') Level  
Cross Section

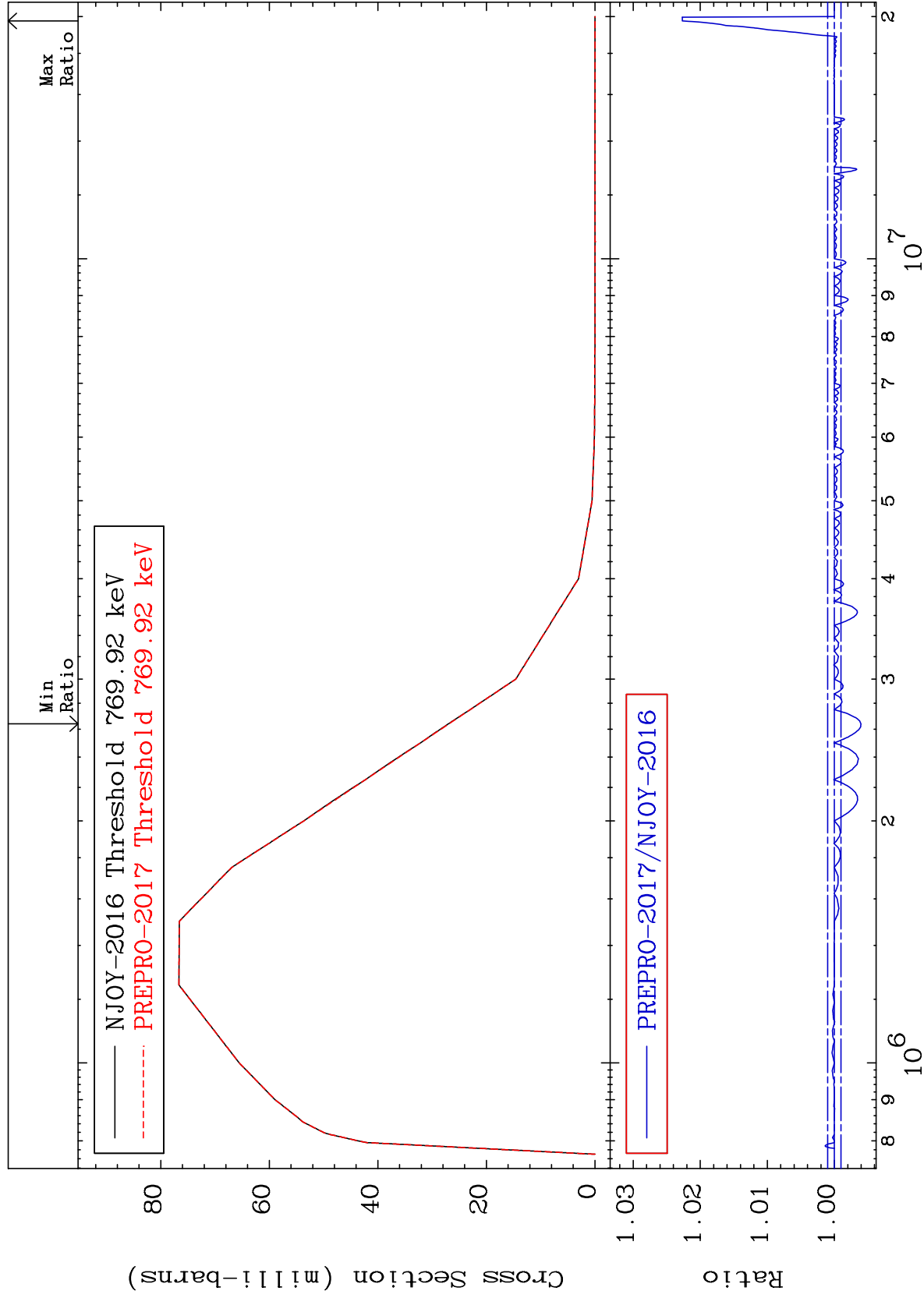
64-Gd-157  
-0.417 To 2.892 %



MAT 6440

MT= 74 (n,n') Level  
Cross Section

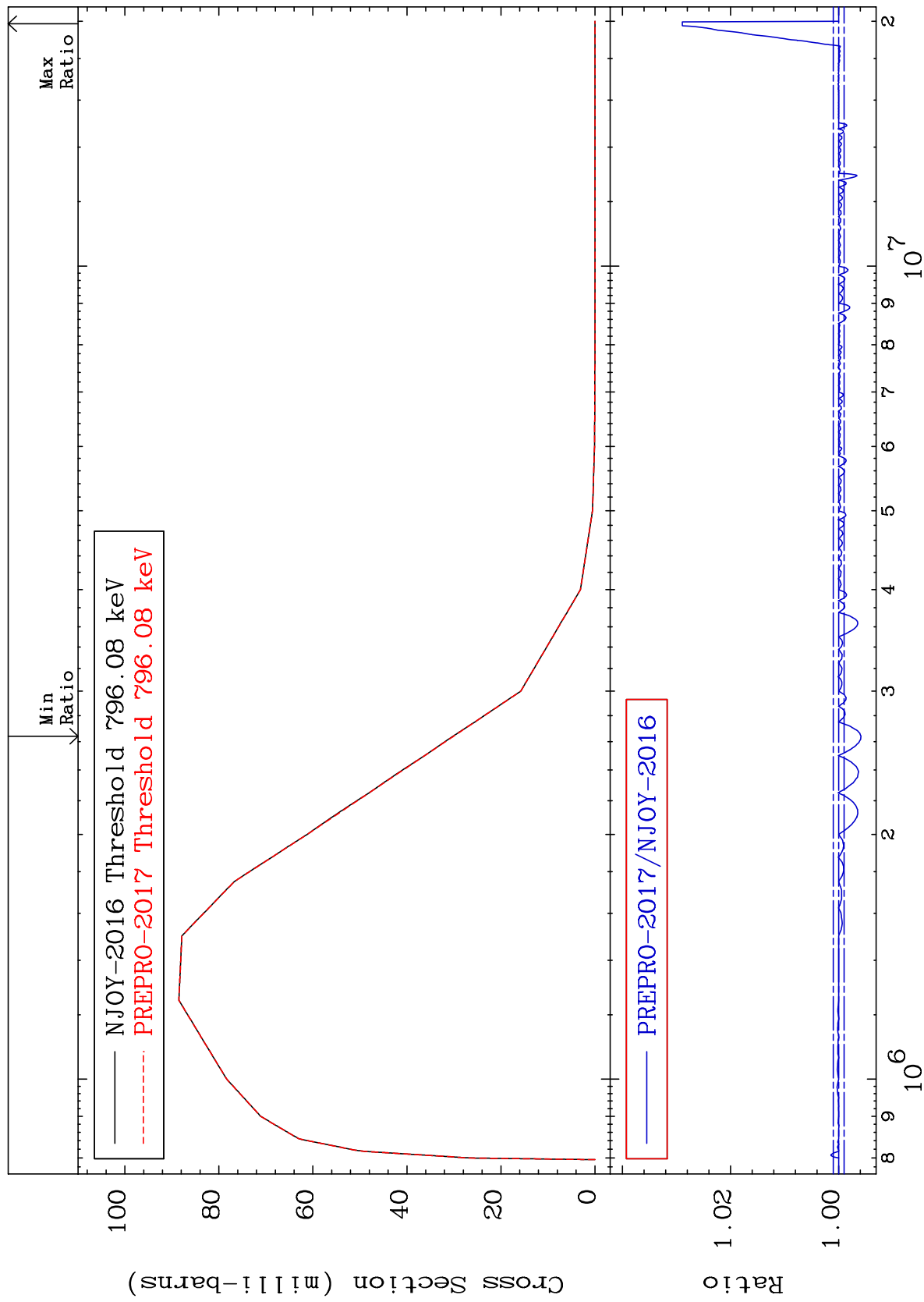
64-Gd-157  
-0.397 To 2.267 %



MAT 6440

MT= 75 (n,n') Level  
Cross Section

64-Gd-157  
-0.413 To 2.892 %



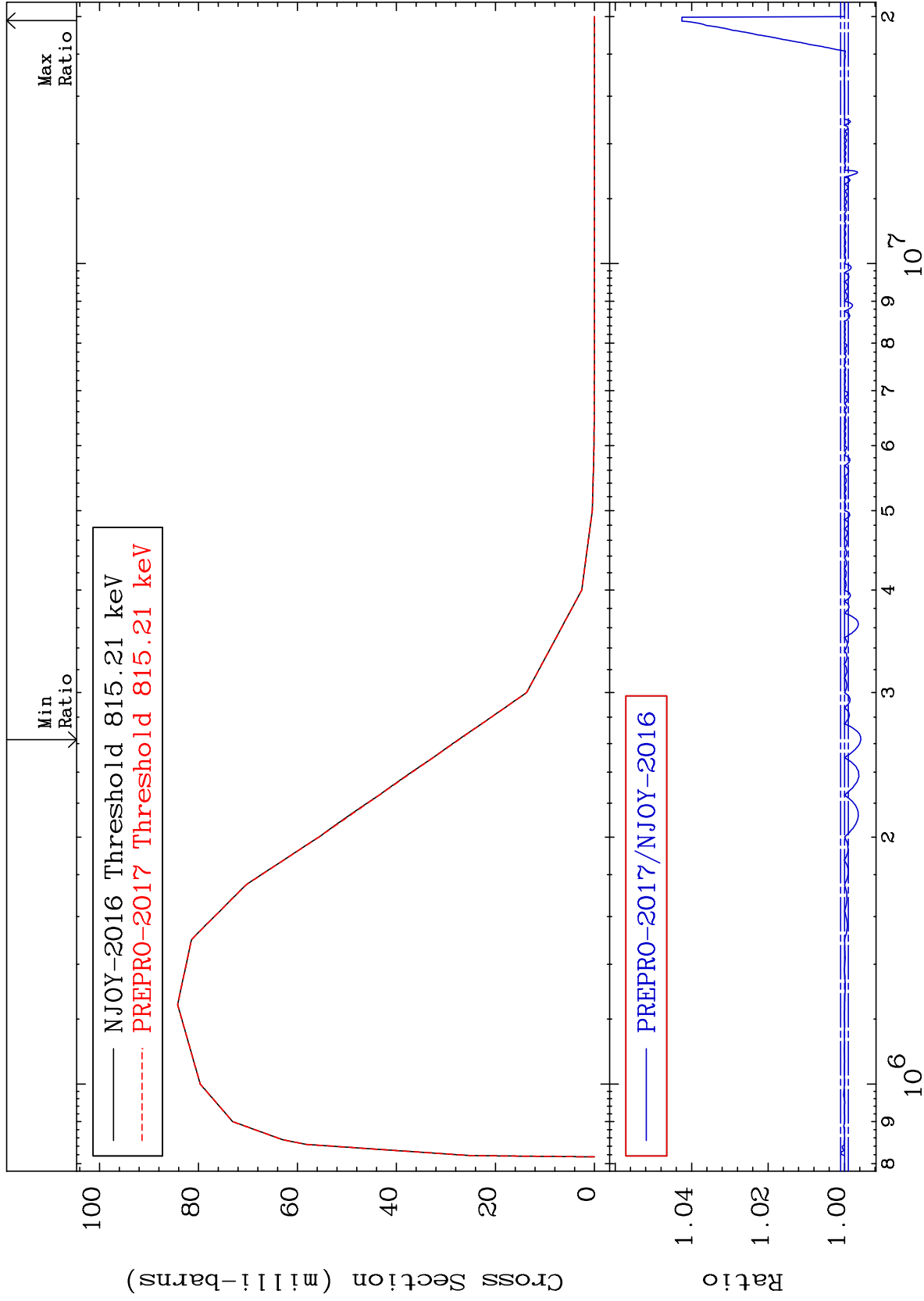
28

64-Gd-157

MAT 6440

MT= 76 (n,n') Level  
Cross Section

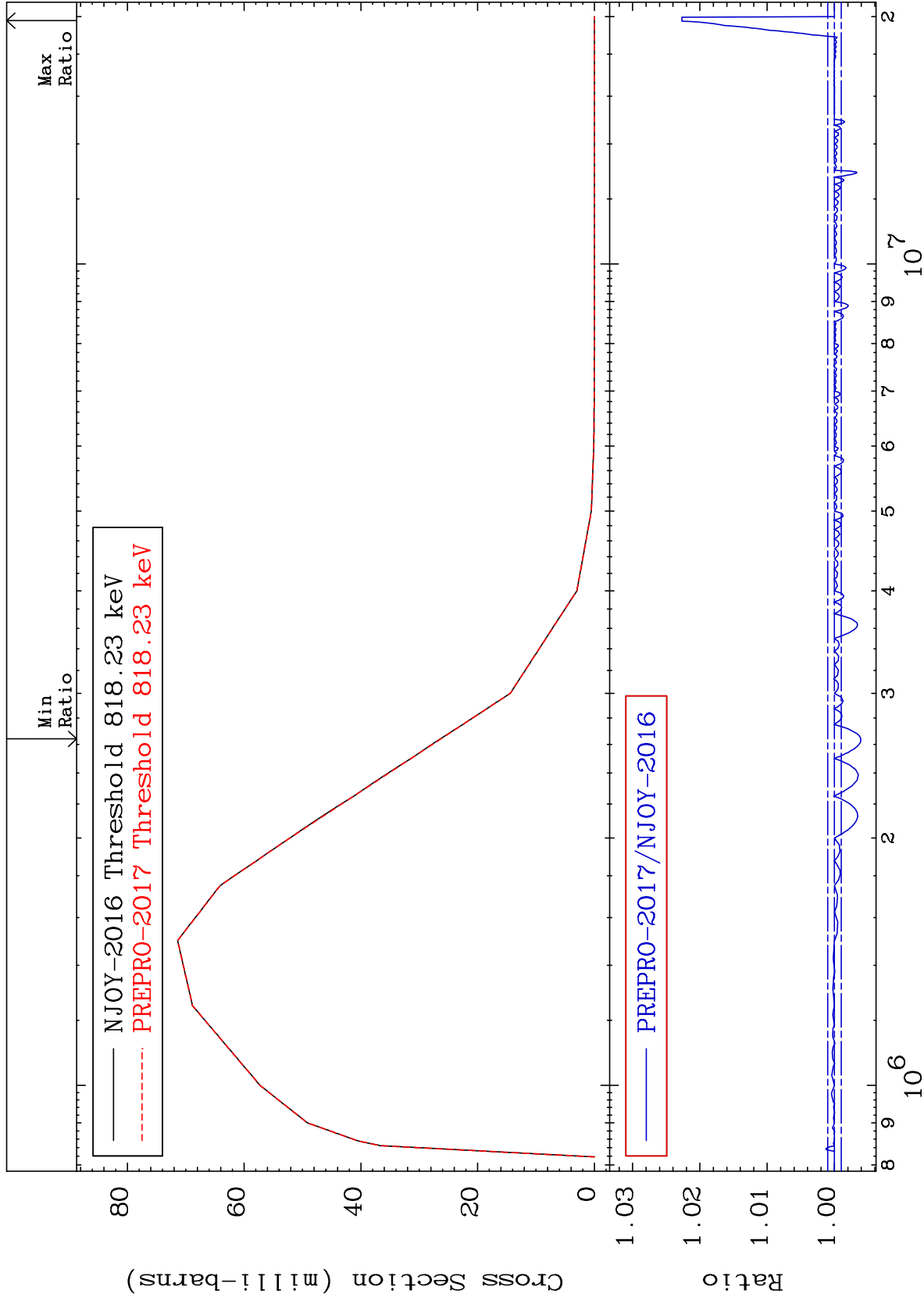
64-Gd-157  
-0.427 To 4.253 %



MAT 6440

MT= 77 (n,n') Level  
Cross Section

64-Gd-157  
-0.392 To 2.267 %



30

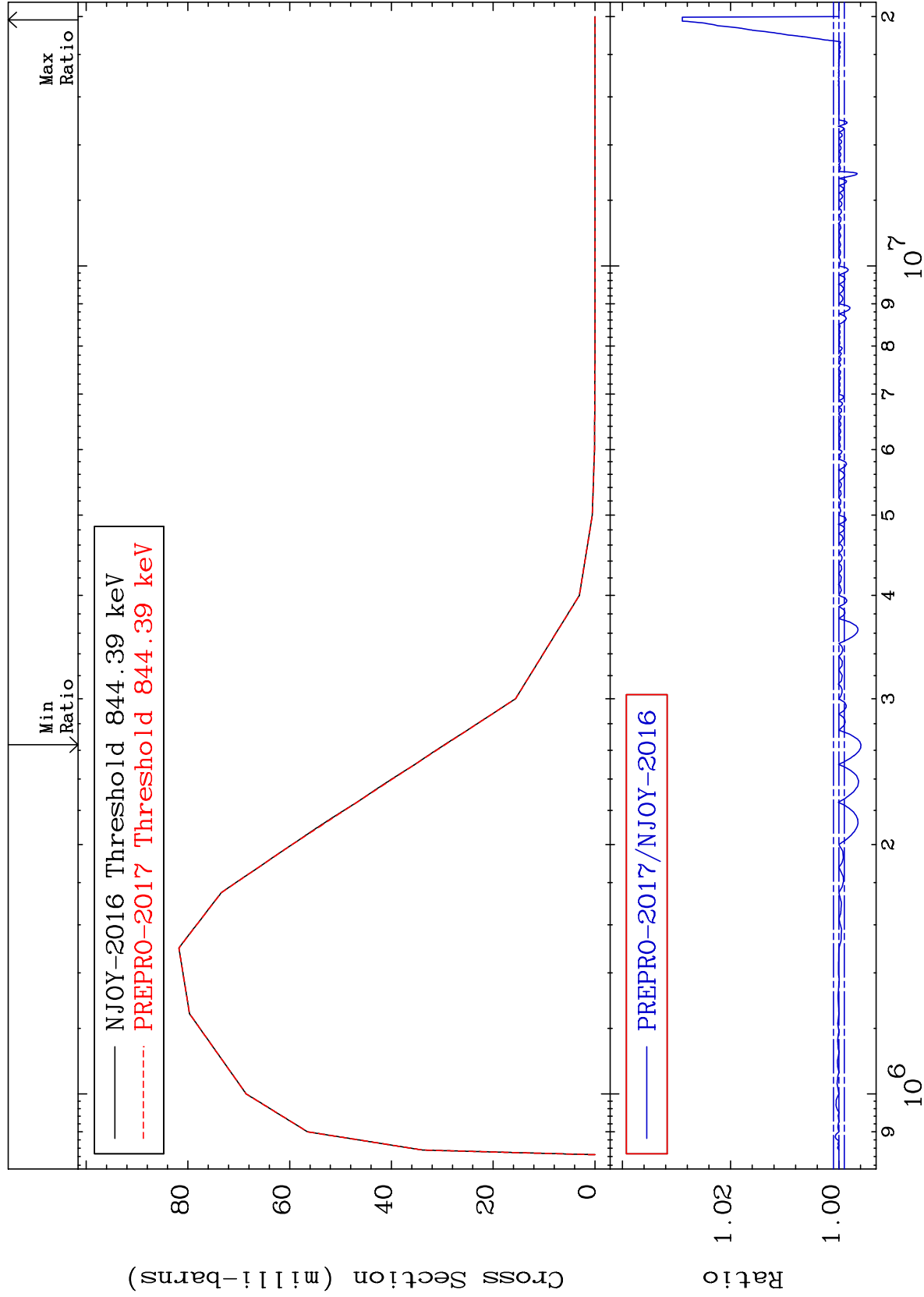
Incident Energy (eV)

64-Gd-157

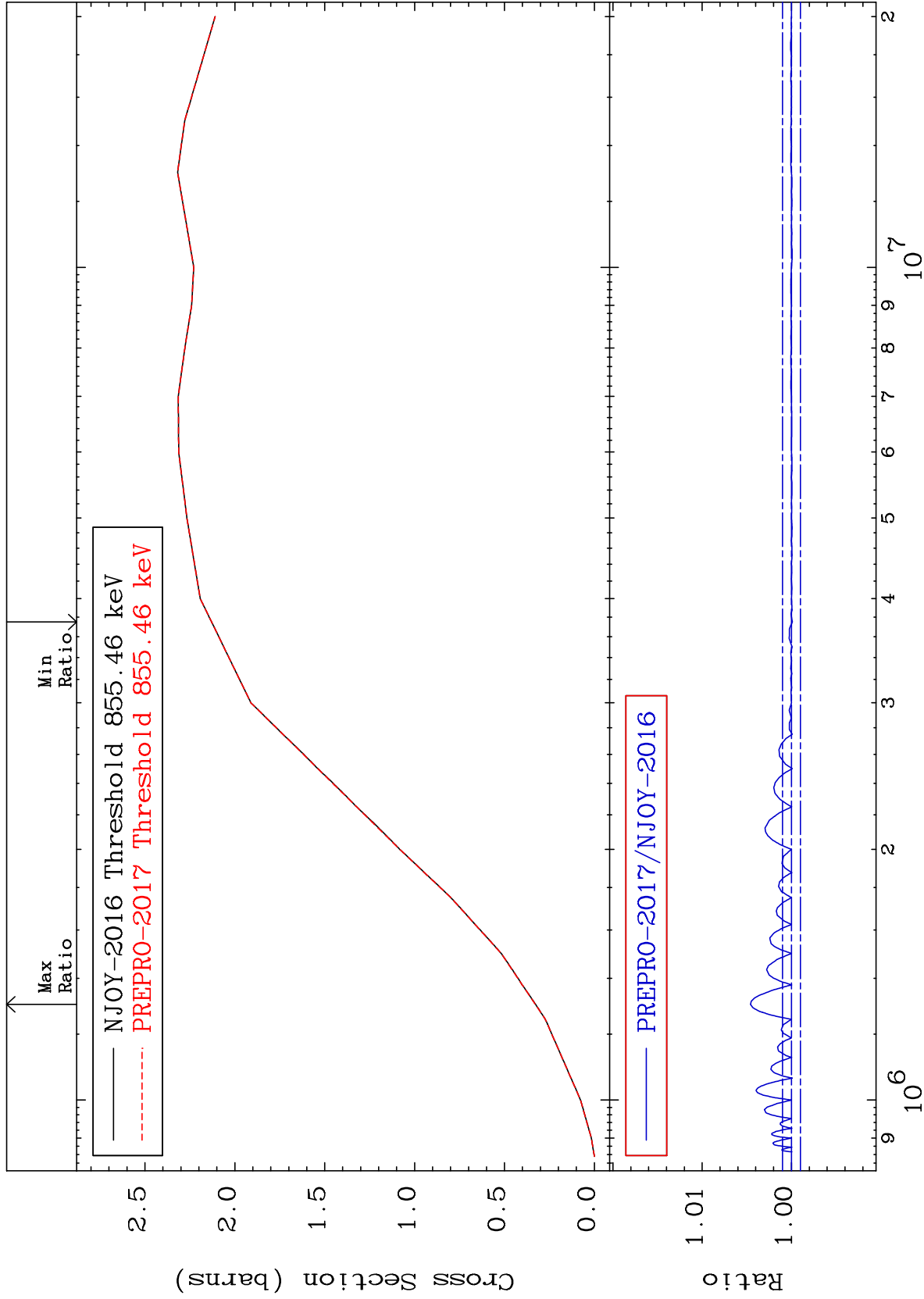
MAT 6440

MT= 78 (n,n') Level  
Cross Section

64-Gd-157  
-0.408 To 2.892 %

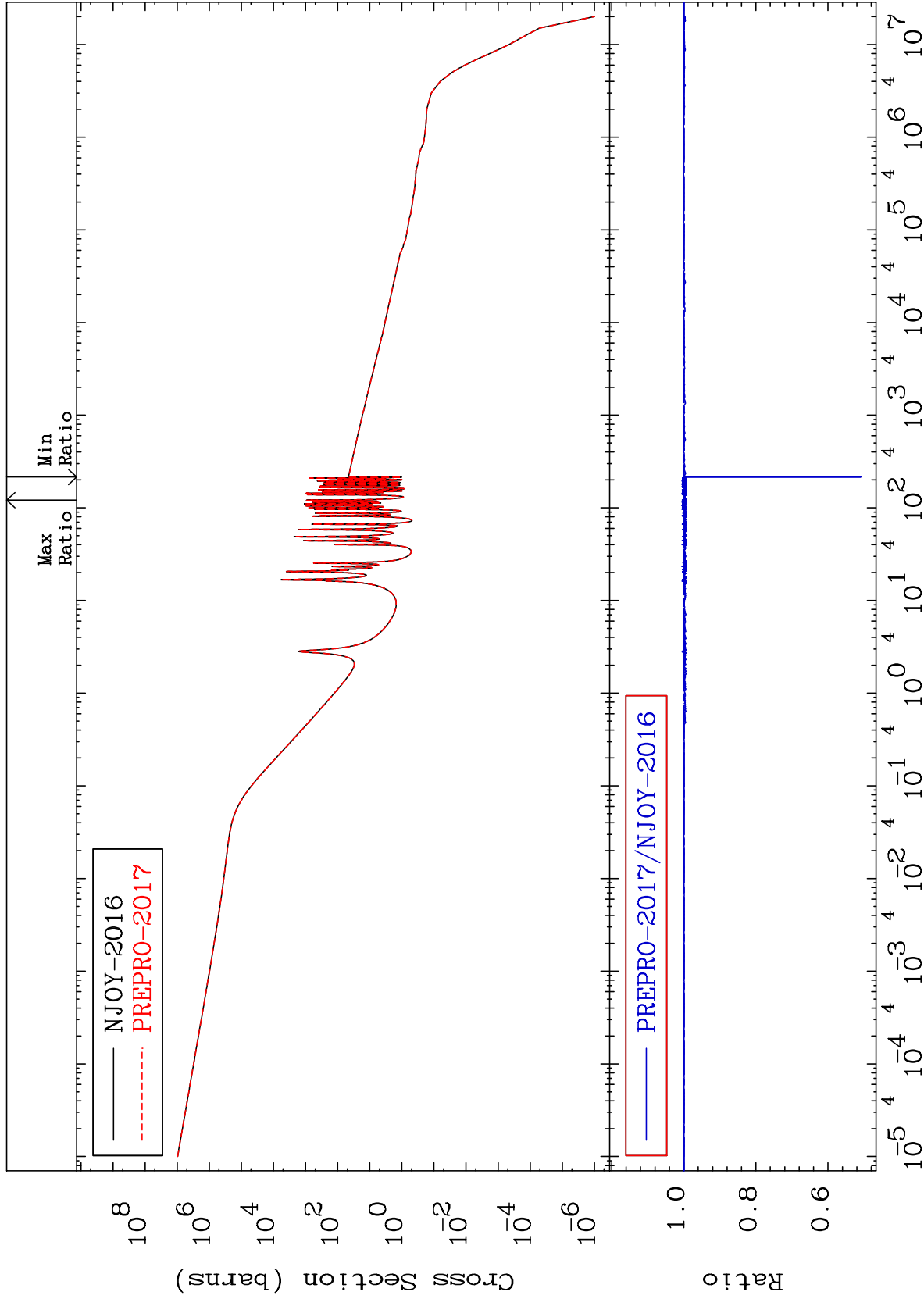


MAT 6440 (n,n') Continuum Cross Section 64-Gd-157 -0.010 To 0.459 %



MAT 6440

(n,  $\gamma$ )  
Cross Section  
64-Gd-157  
-49.10 To 0.512 %



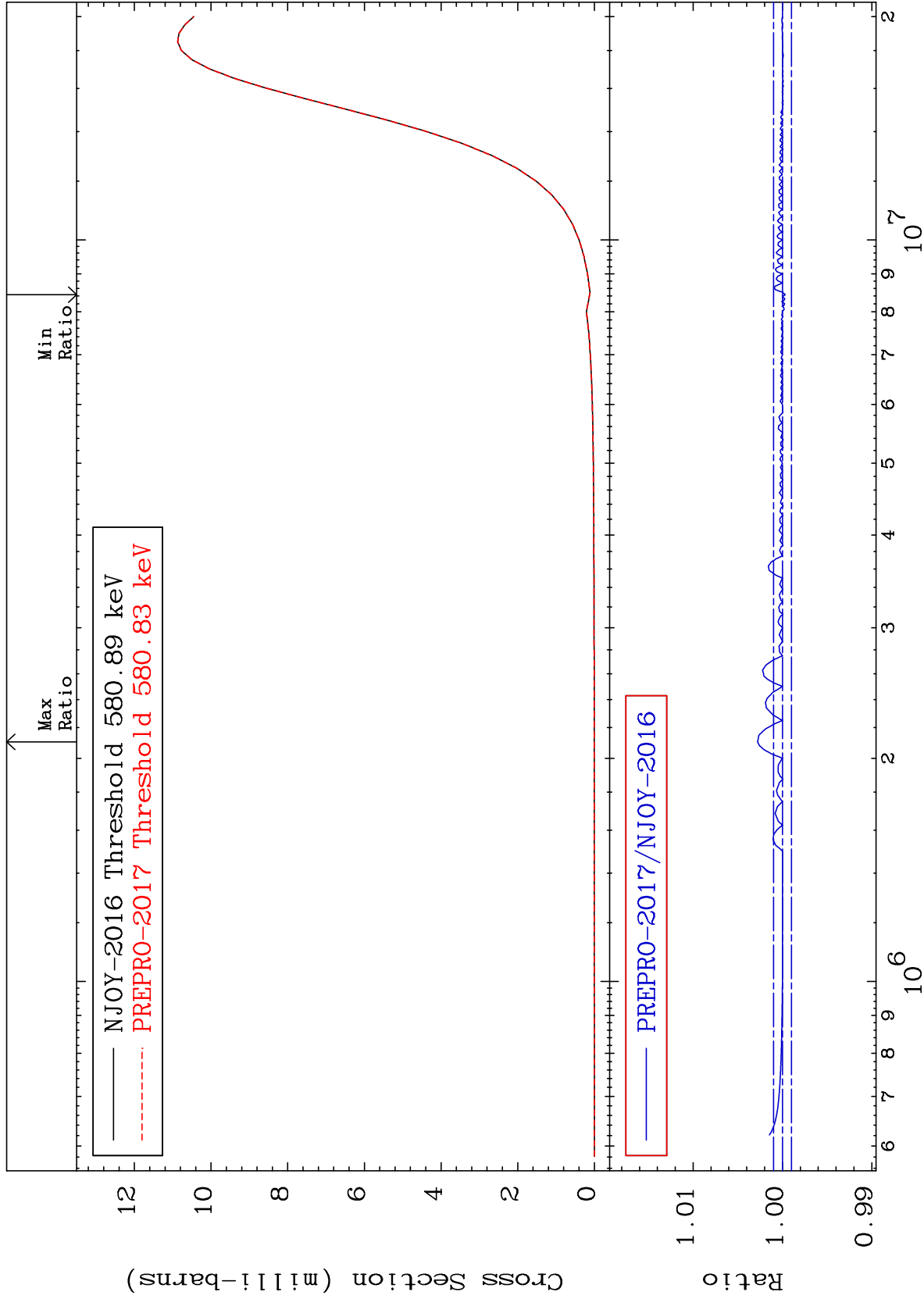
MAT 6440

(n,p)

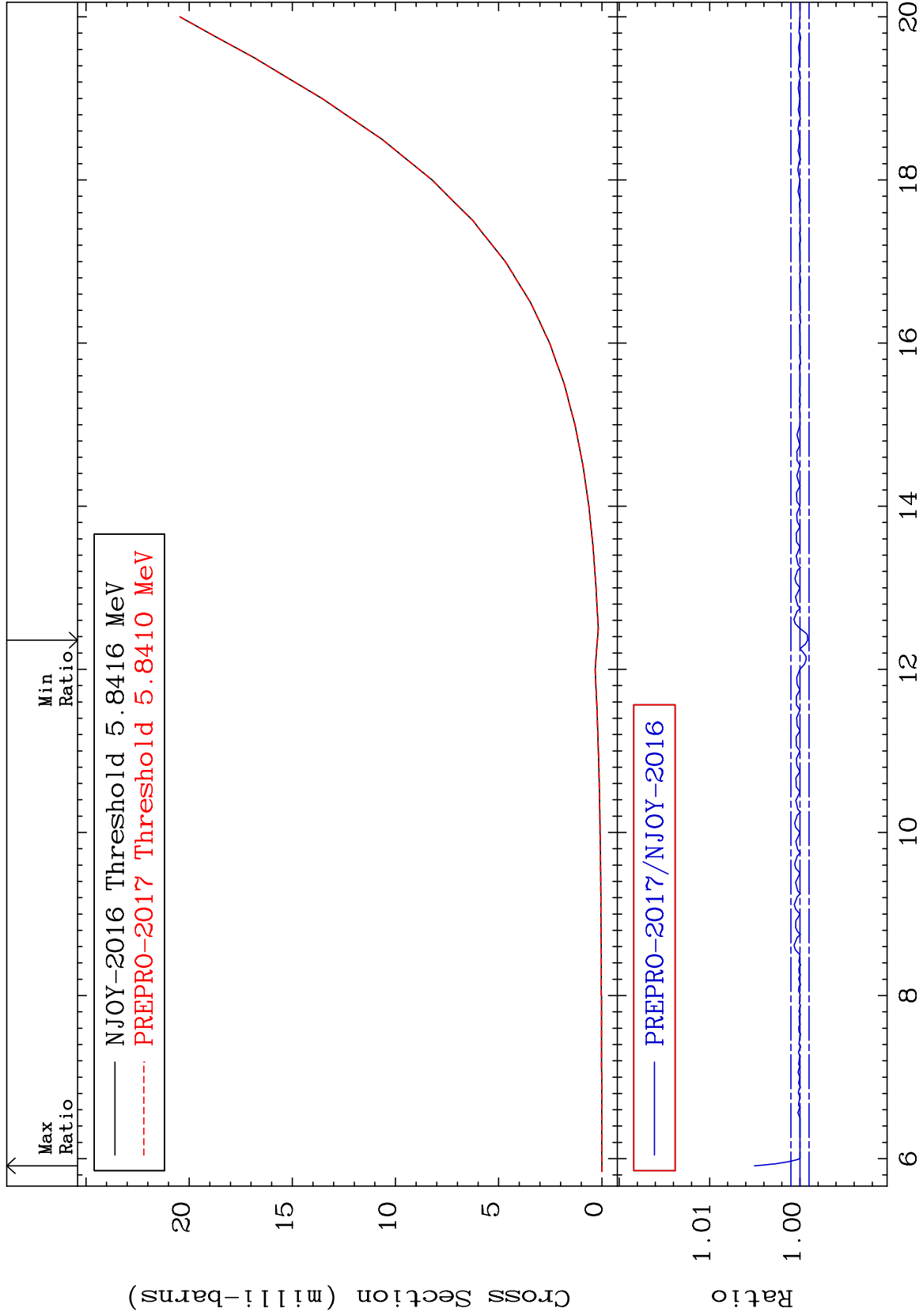
64-Gd-157

Cross Section

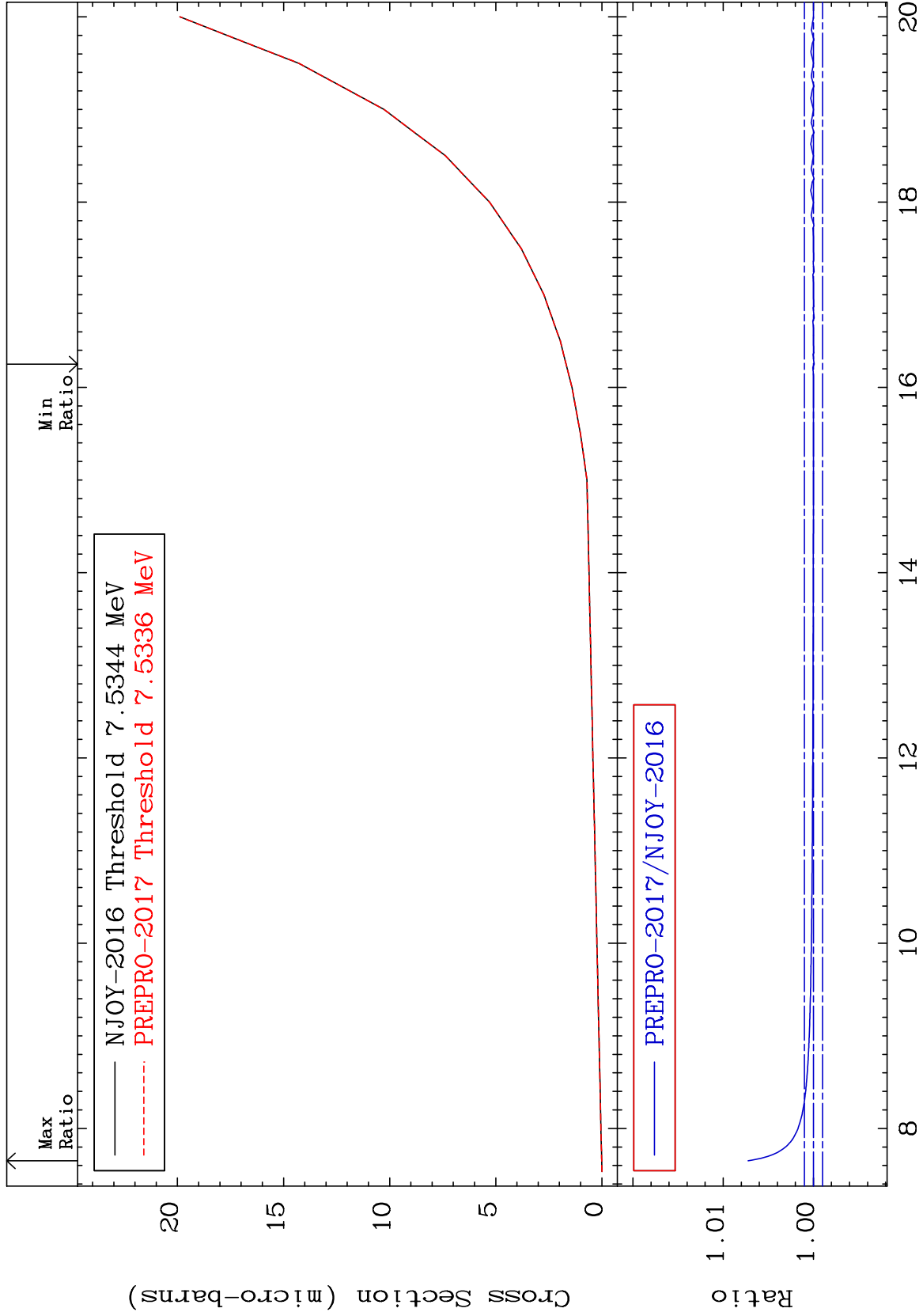
-0.032 To 0.280 %



MAT 6440 (n,d) Cross Section 64-Gd-157 -0.086 To 0.503 %



MAT 6440 (n, He-3) Cross Section 64-Gd-157 -0.007 To 0.724 %



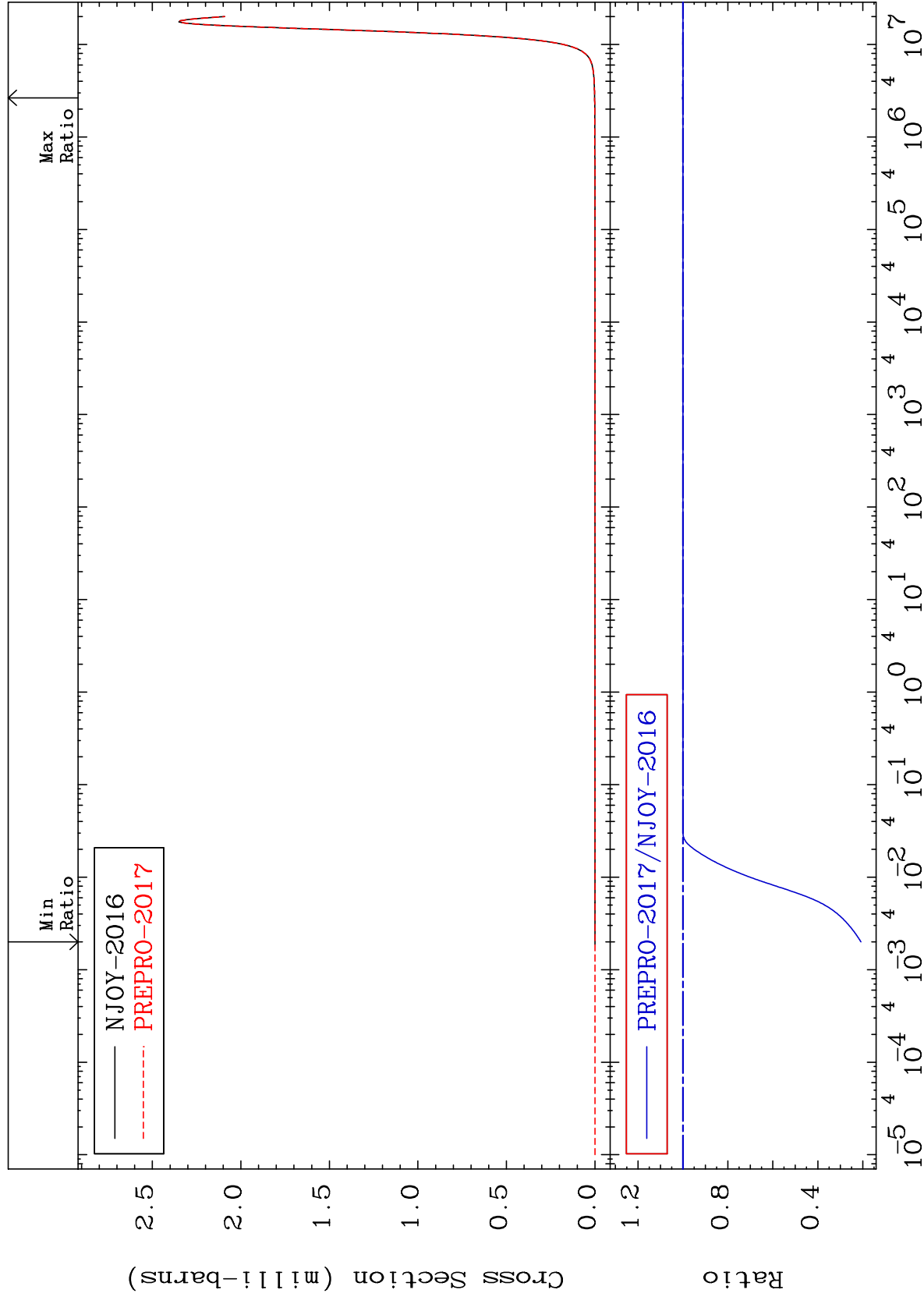
MAT 6440

(n,  $\alpha$ )

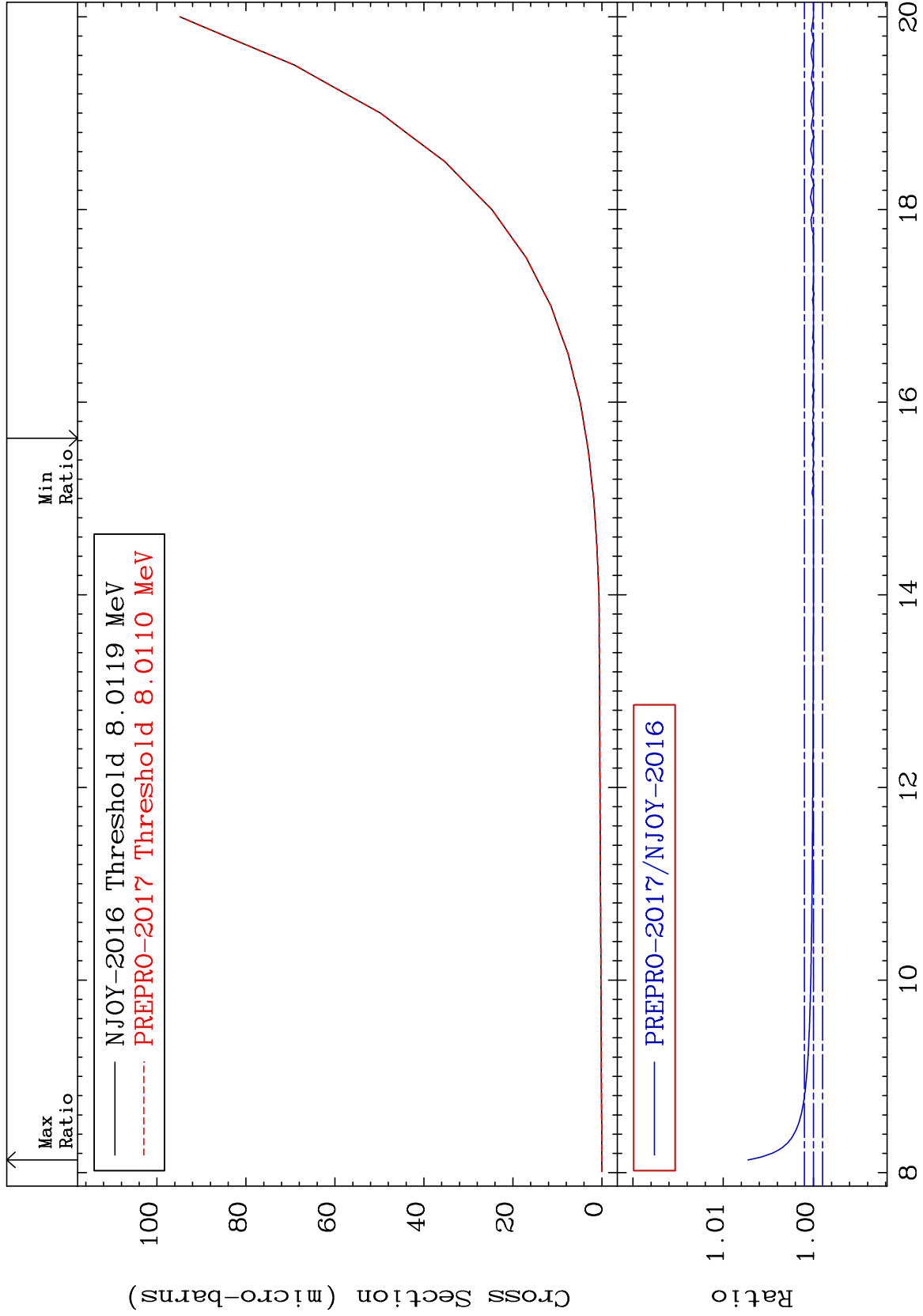
64-Gd-157

Cross Section

-79.19 To 0.241 %



MAT 6440 (n,2p) Cross Section 64-Gd-157 -0.010 To 0.726 %



38 64-Gd-157