

Program Complot  
(Version 2017-1)

by

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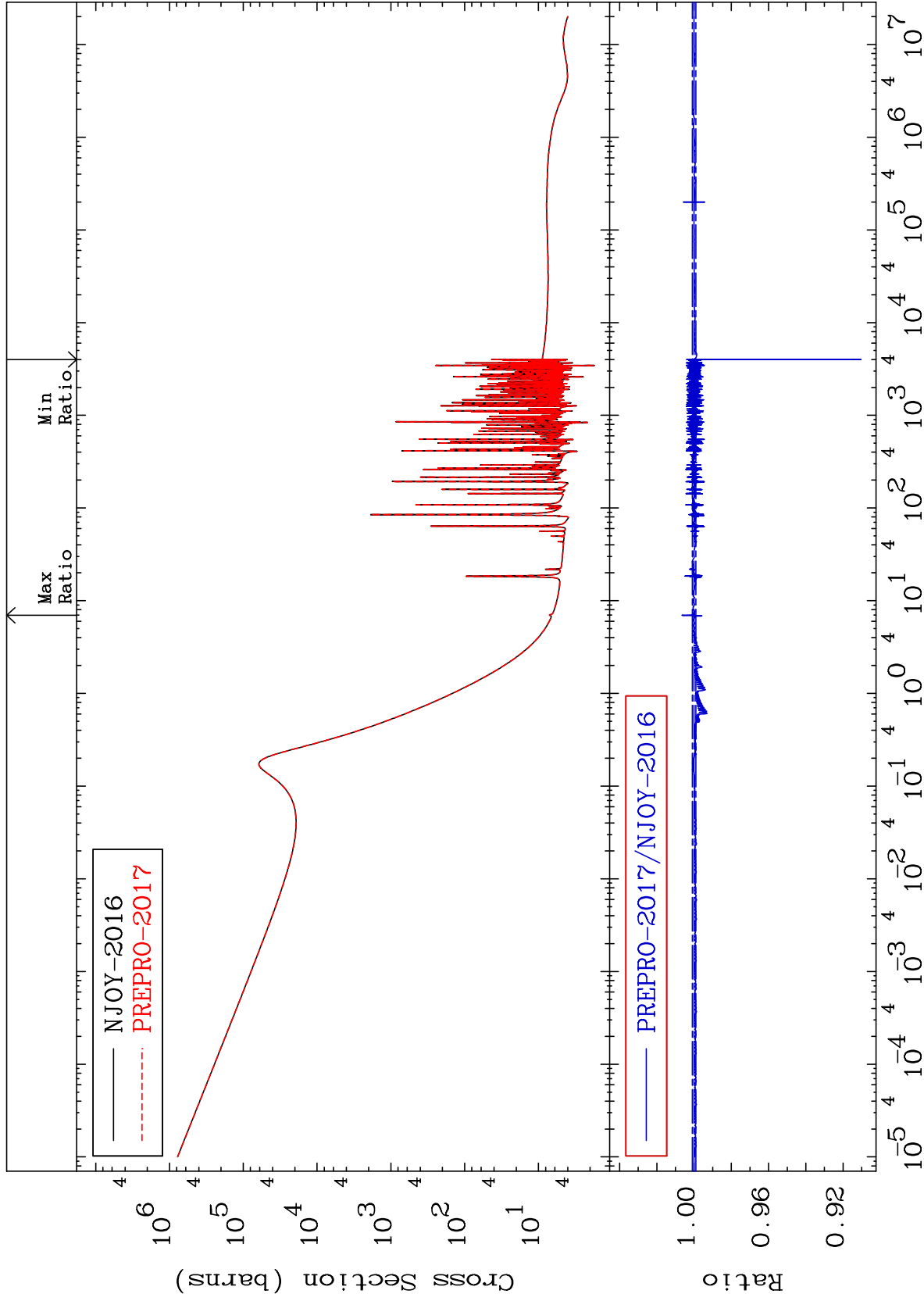
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4846

Total Cross Section  
48-Cd-113  
-8.953 To 0.652 %



48-Cd-113

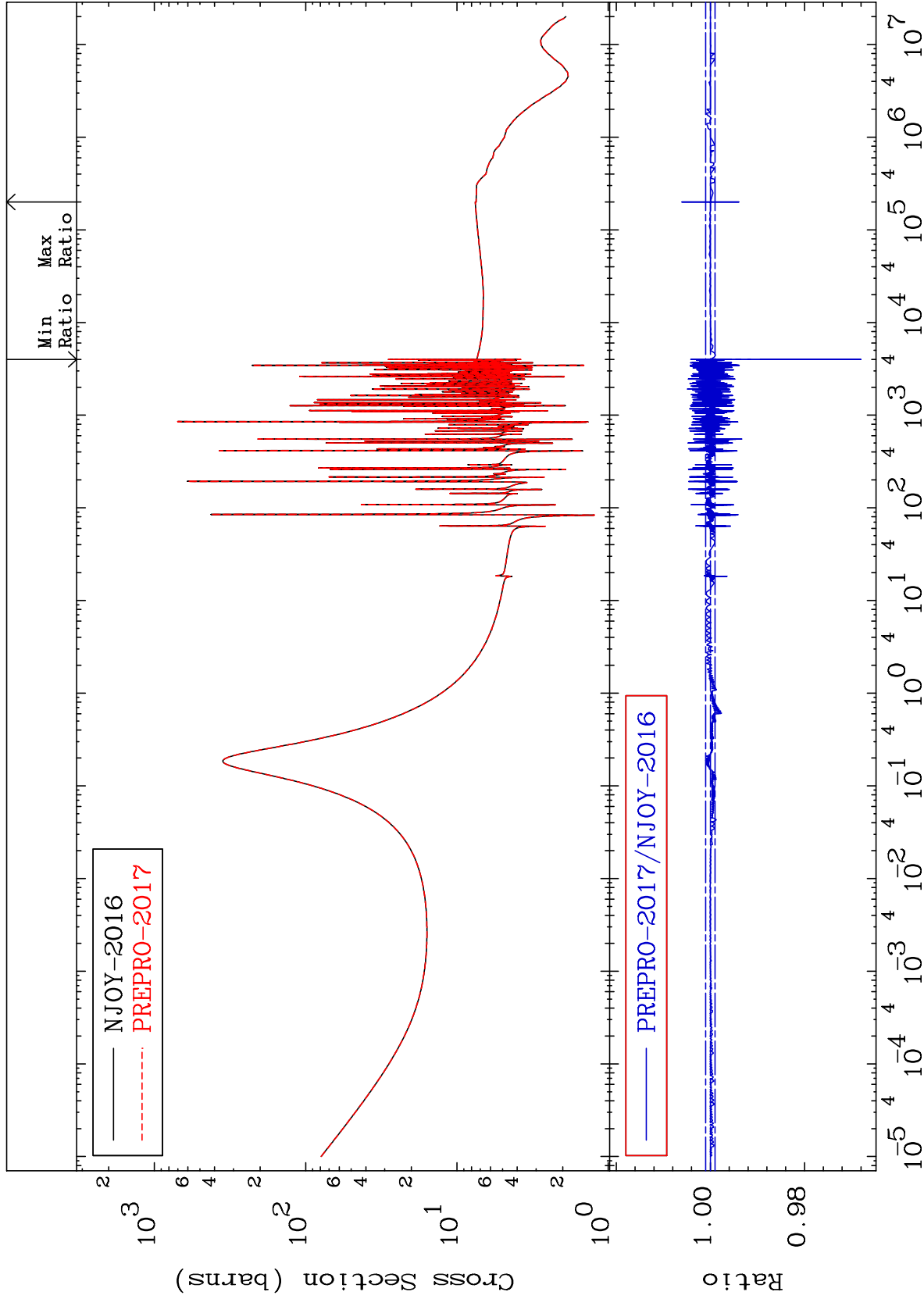
Incident Energy (eV)

1

MAT 4846

Elastic  
Cross Section

48-Cd-113  
-3.197 To 0.605 %

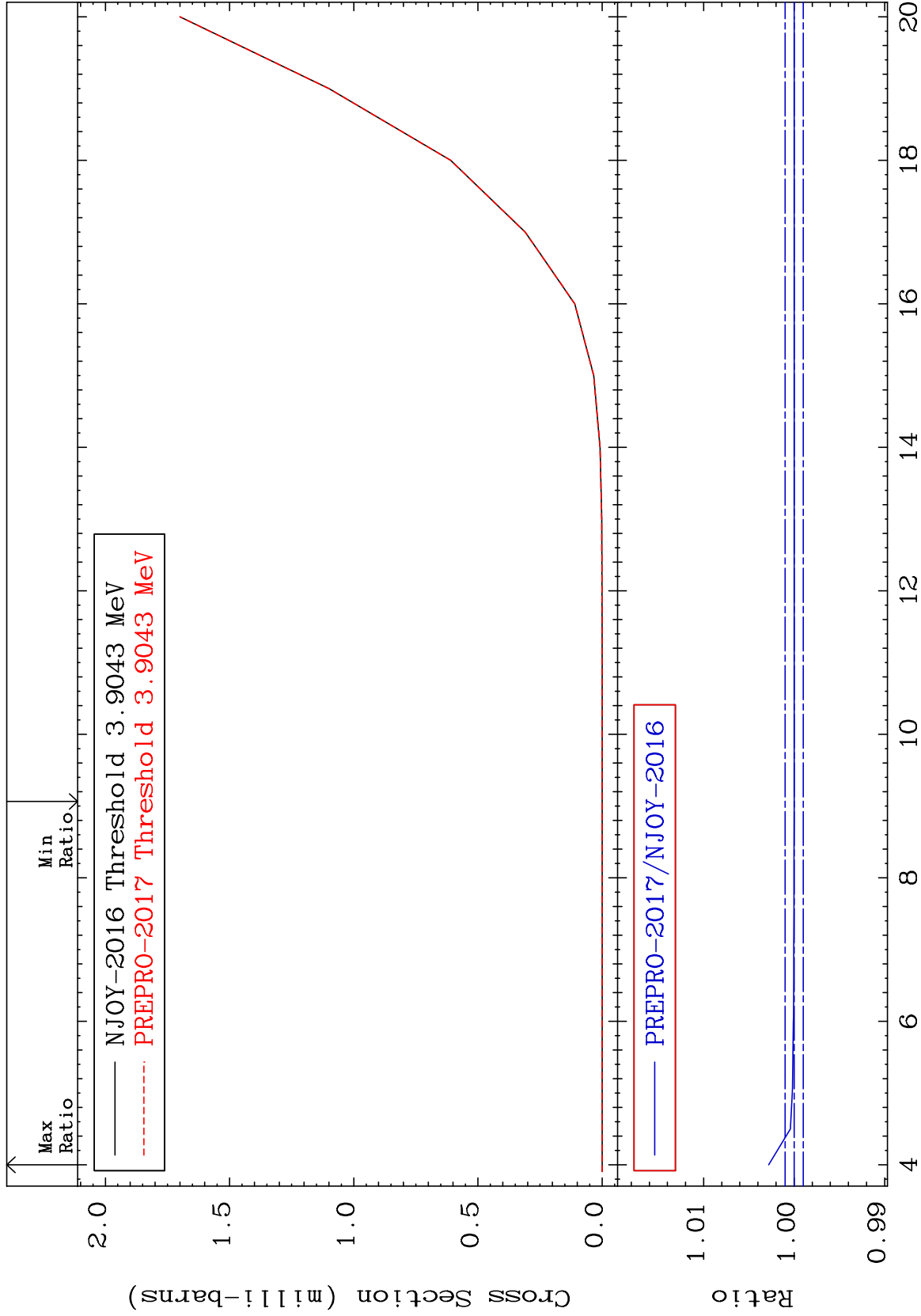


MAT 4846

(n, n')  $\alpha$

48-Cd-113  
0.000 To 0.281 %

Cross Section



3

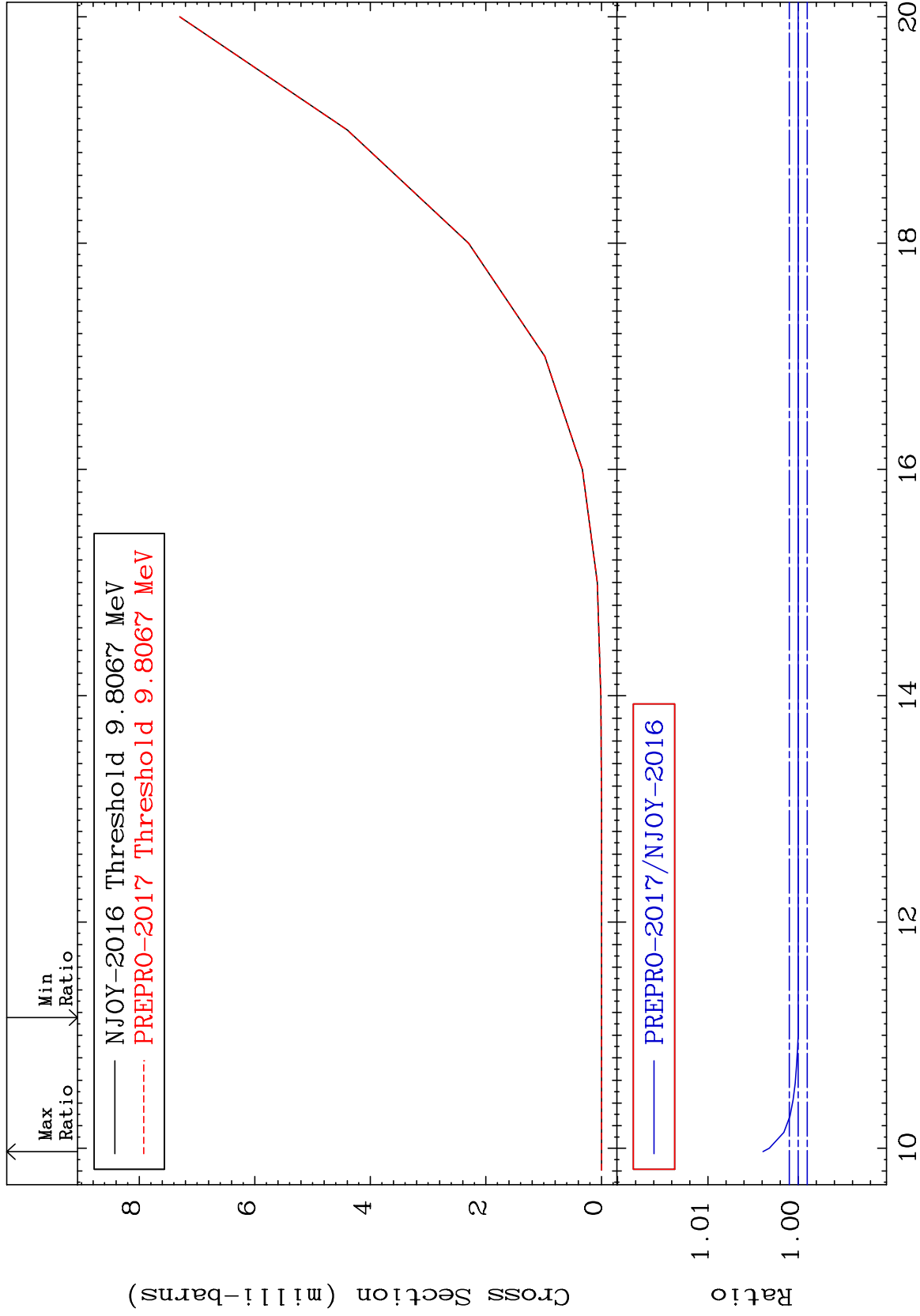
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n, n') p  
Cross Section

48-Cd-113  
0.000 To 0.391 %

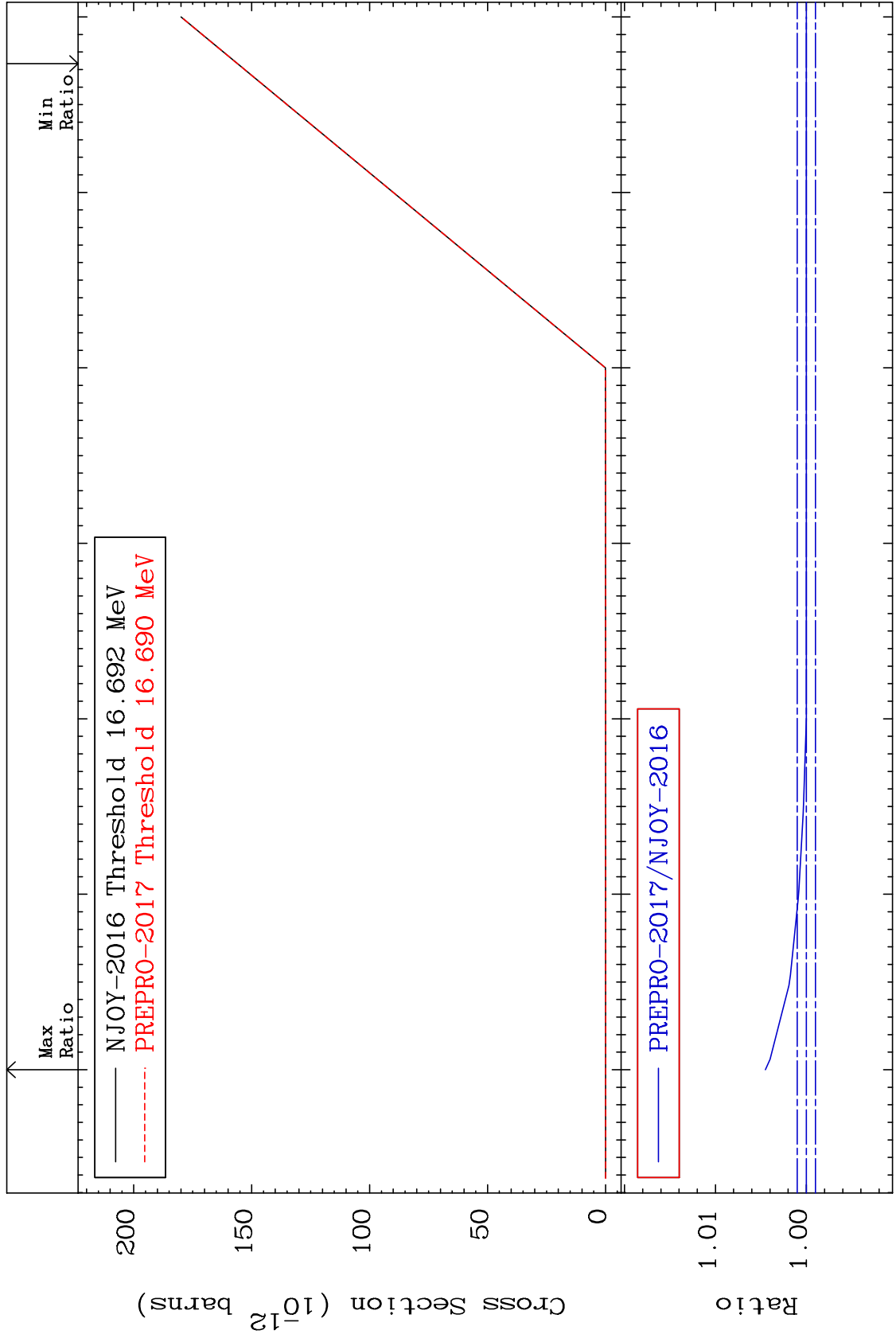


4

Incident Energy (MeV)

48-Cd-113

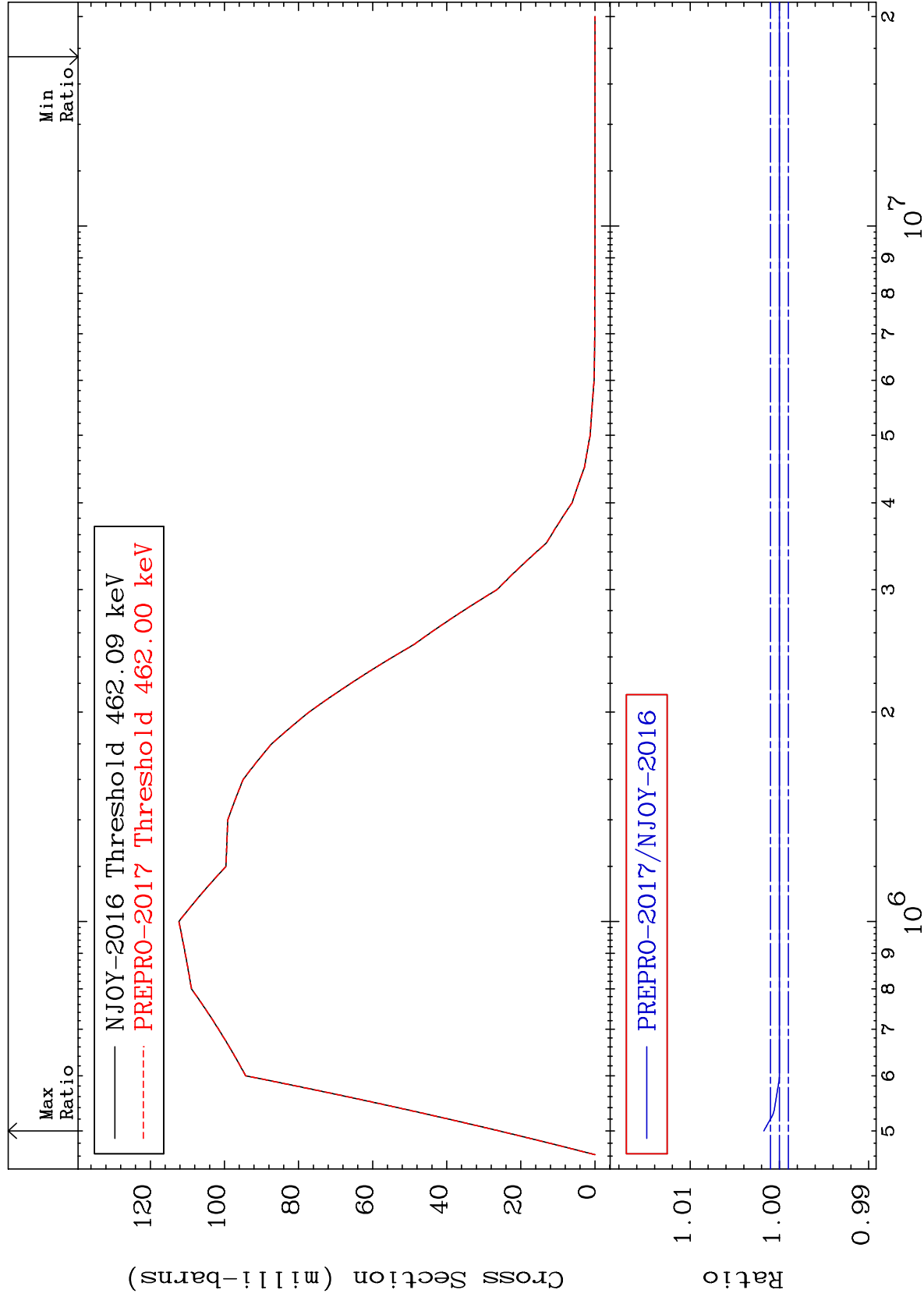
MAT 4846 (n, n') t Cross Section 48-Cd-113 To 0.451 %



MAT 4846

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

48-Cd-113  
0.000 To 0.176 %



6

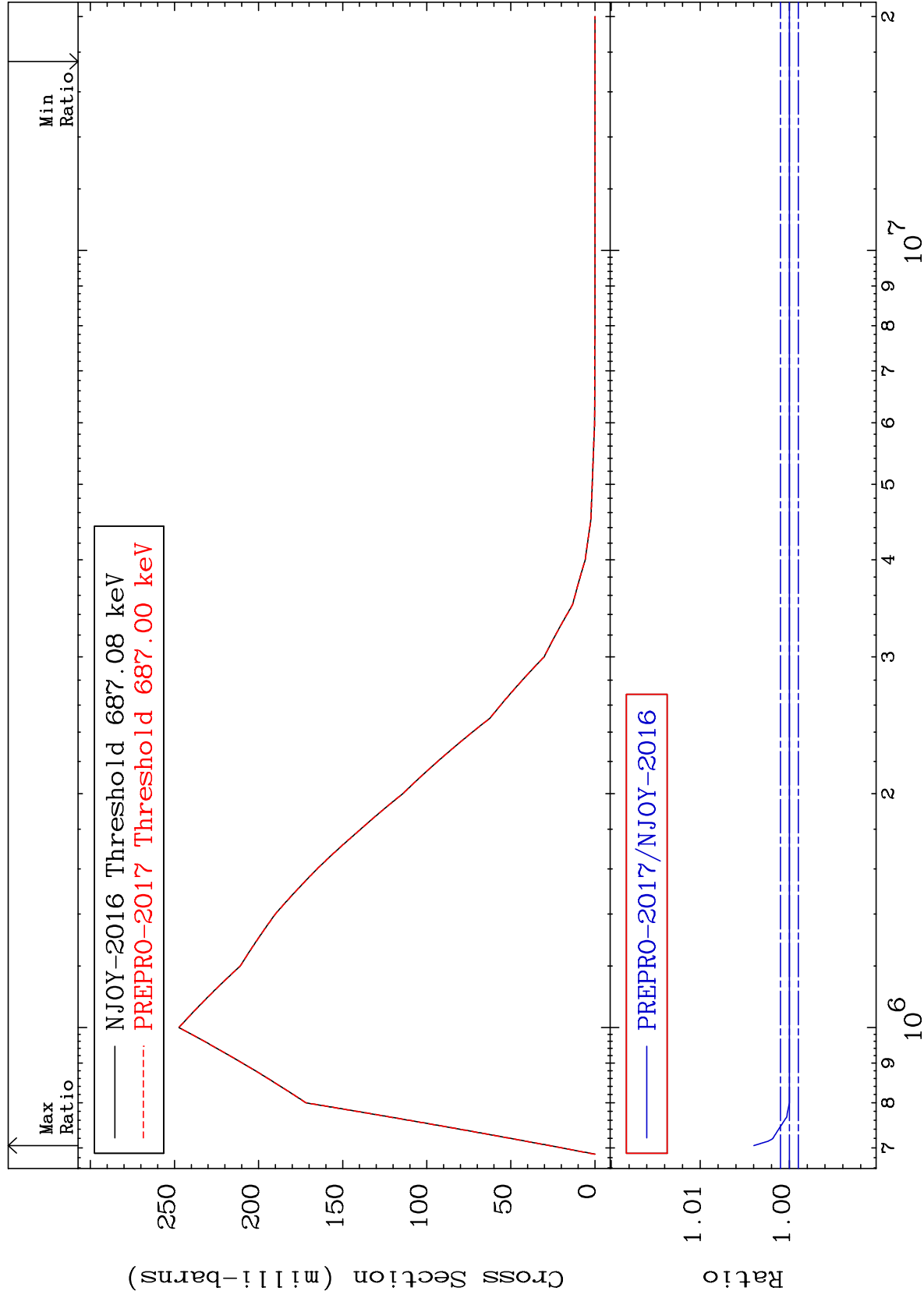
Incident Energy (eV)

48-Cd-113

MAT 4846

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

48-Cd-113  
0.000 To 0.398 %



7

Incident Energy (eV)

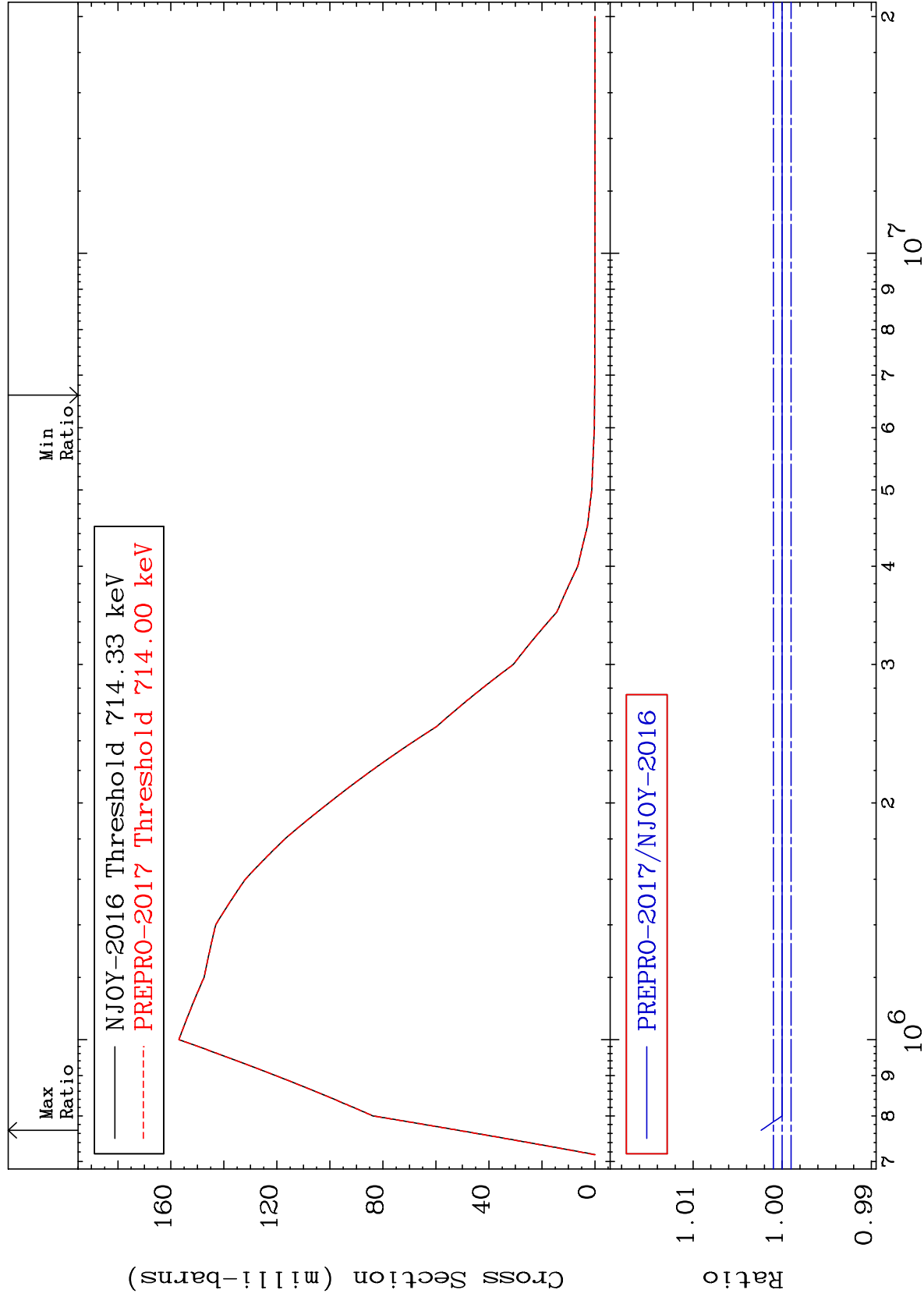
48-Cd-113



MAT 4846

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

48-Cd-113  
0.000 To 0.237 %



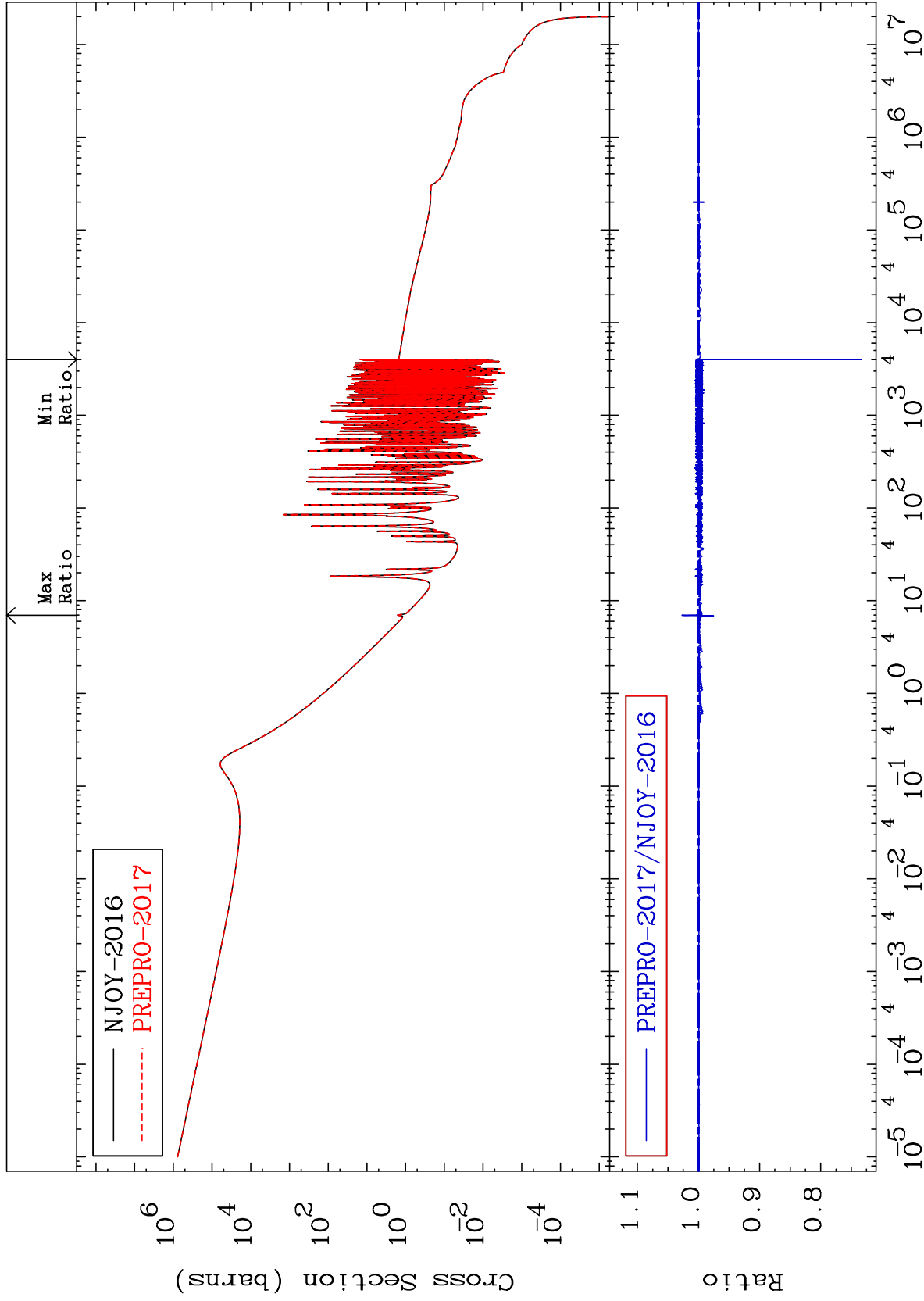
8

Incident Energy (eV)

48-Cd-113

MAT 4846

(n,  $\gamma$ ) Cross Section  
48-Cd-113  
-26.57 To 2.708 %

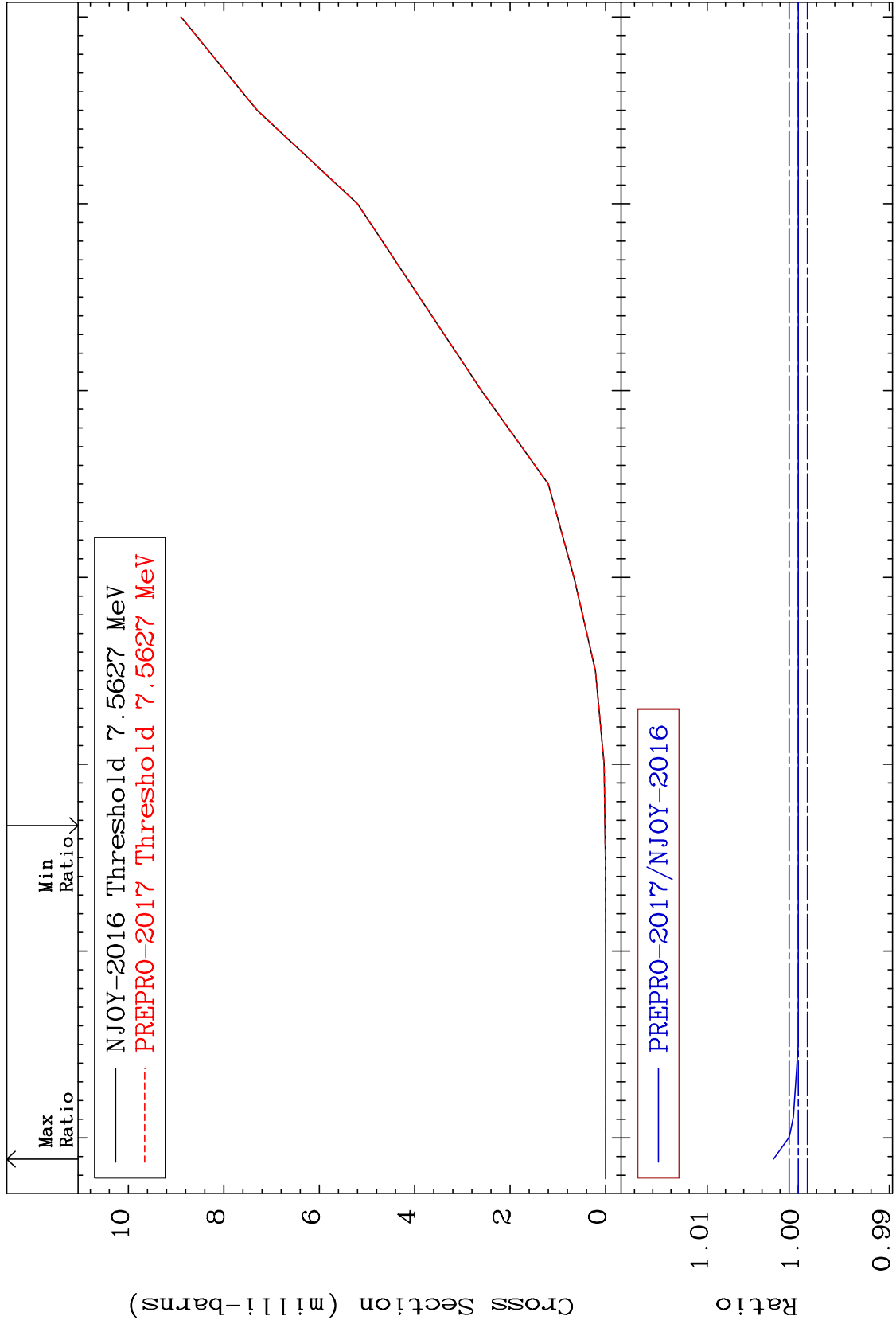


MAT 4846

(n, d)

48-Cd-113  
0.000 To 0.273 %

Cross Section



10

Incident Energy (MeV)

48-Cd-113

MAT 4846

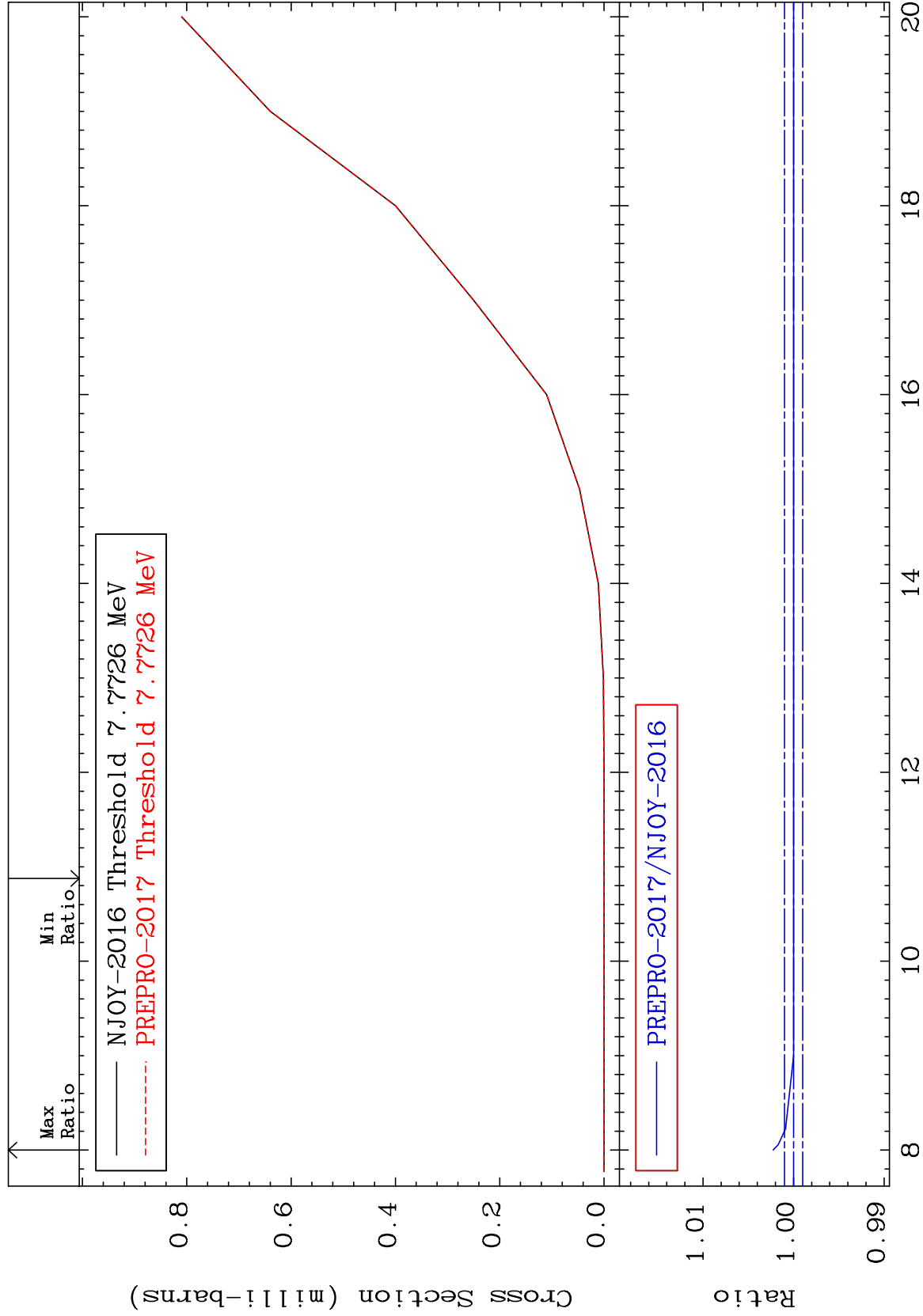
(n, t)

48-Cd-113

Cross Section

0.000

To 0.225 %



Max Ratio

Min Ratio

NJOY-2016 Threshold 7.7726 MeV  
PREPRO-2017 Threshold 7.7726 MeV

PREPRO-2017/NJOY-2016

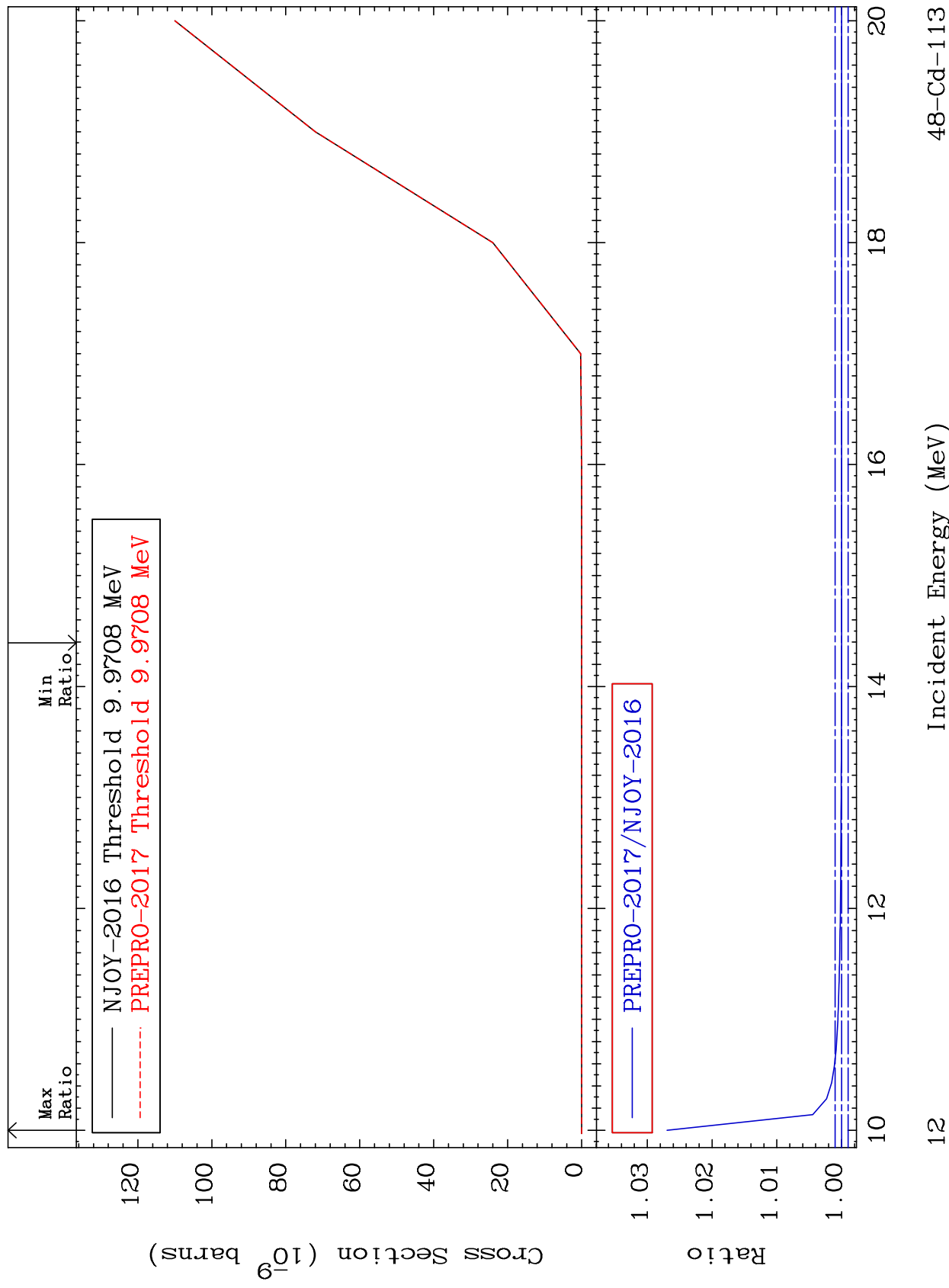
MAT 4846

(n, He-3)

48-Cd-113

Cross Section

0.000 To 2.695 %



12

Incident Energy (MeV)

48-Cd-113