

Program Complot  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

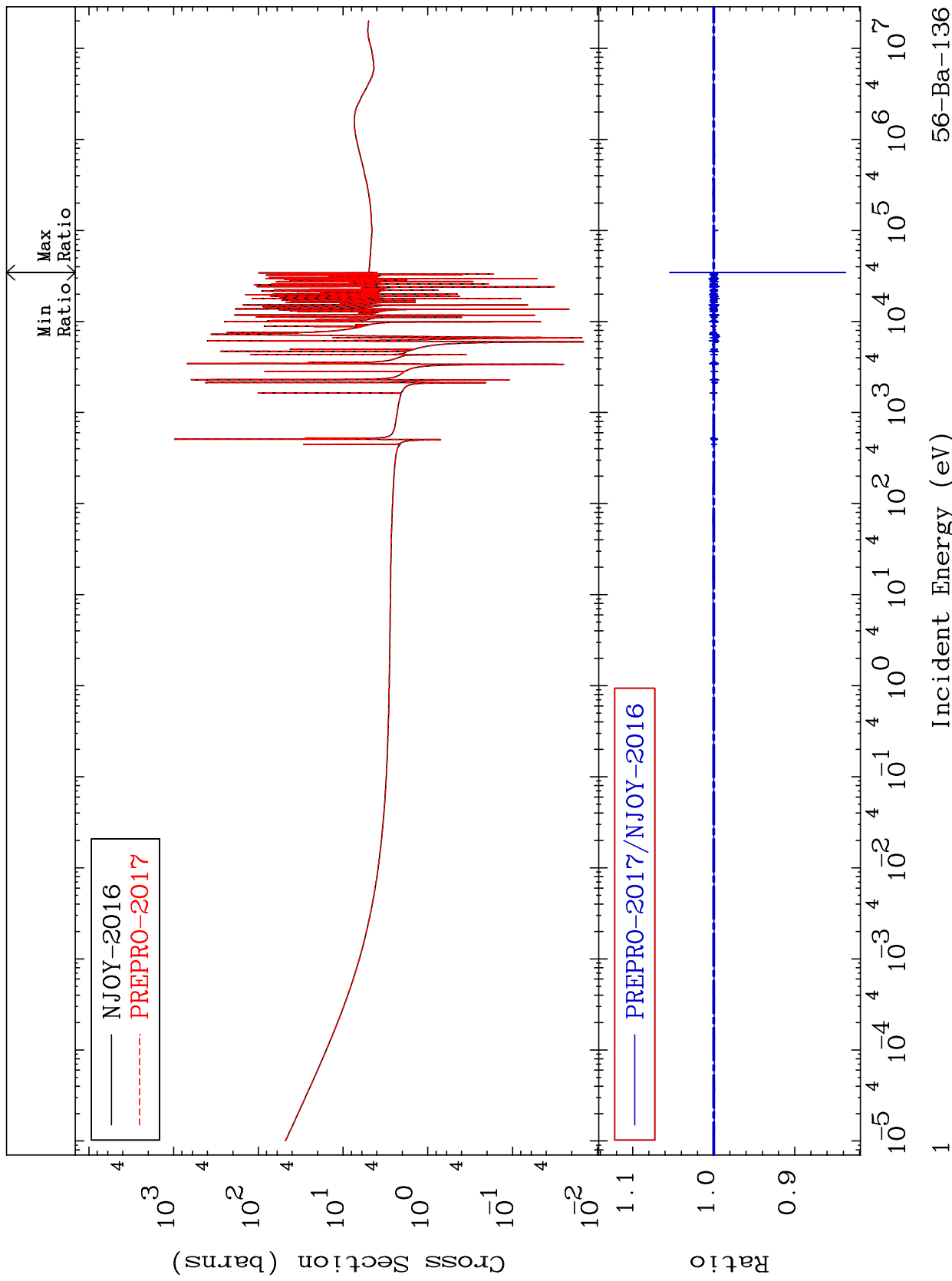
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5643

Total  
Cross Section

56-Ba-136  
-16.26 To 5.426 %



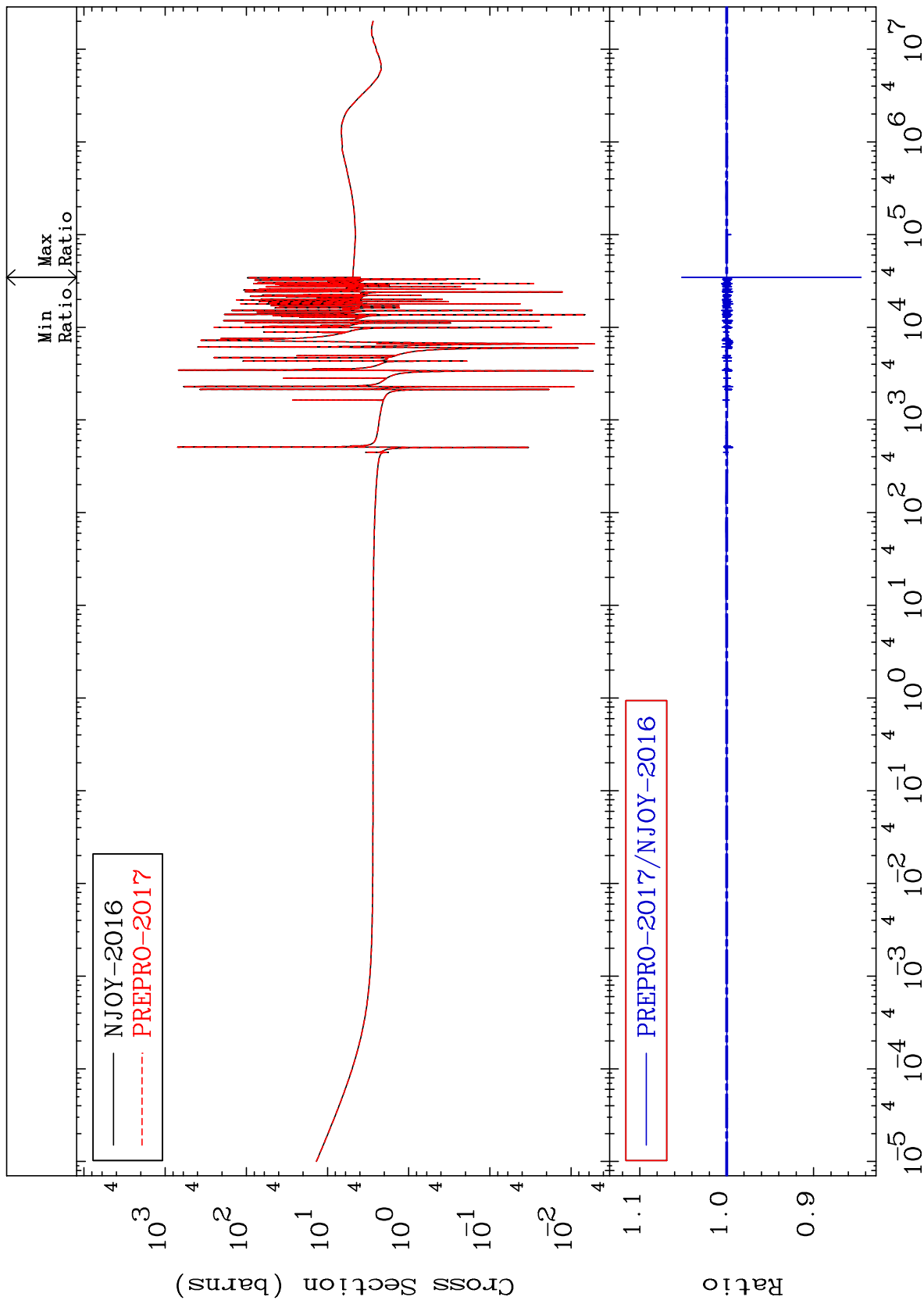
56-Ba-136

Incident Energy (eV)

MAT 5643

Elastic  
Cross Section

56-Ba-136  
-15.44 To 5.151 %



2

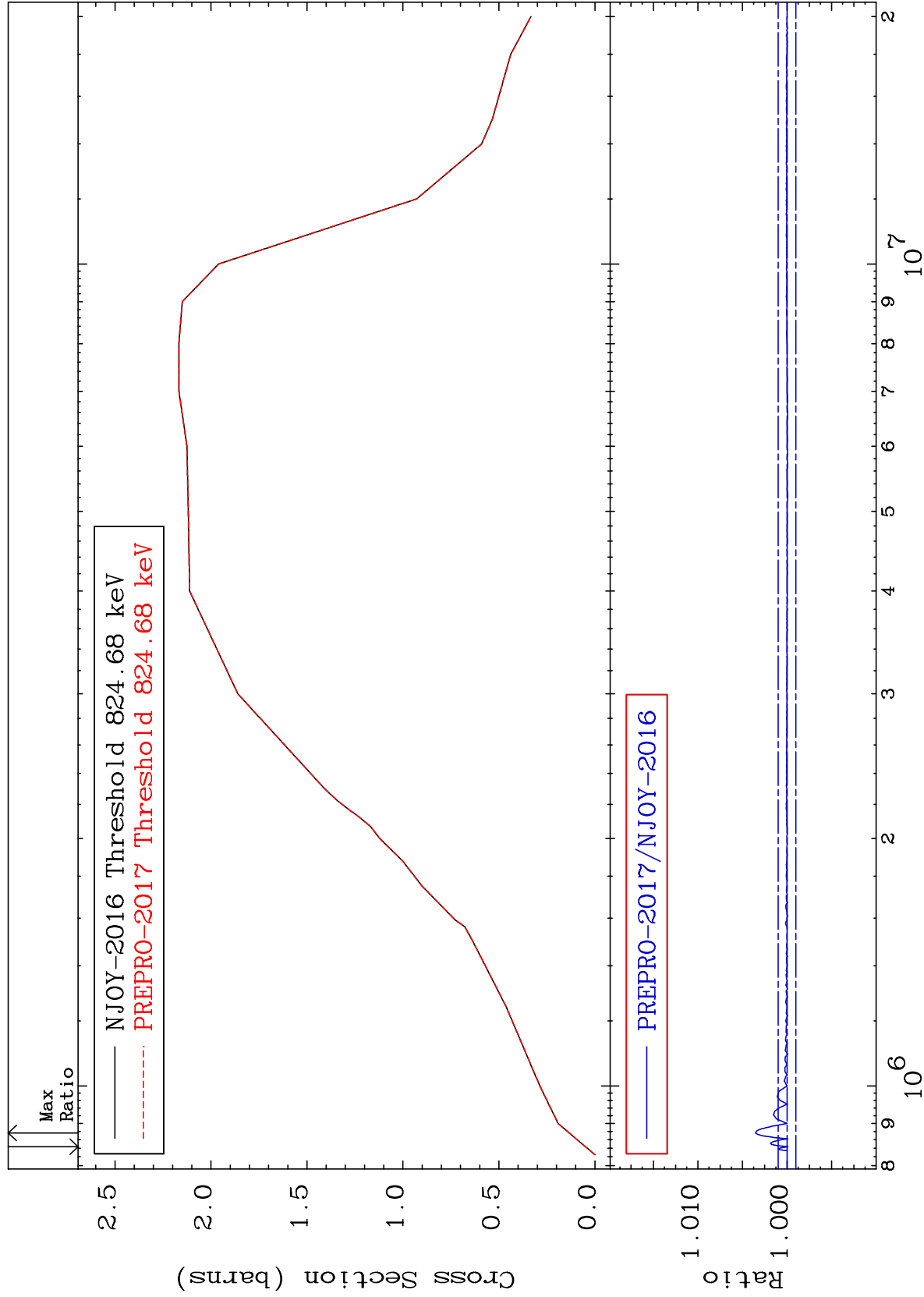
Incident Energy (eV)

56-Ba-136

MAT 5643

Inelastic  
Cross Section

56-Ba-136  
-0.009 To 0.354 %



3

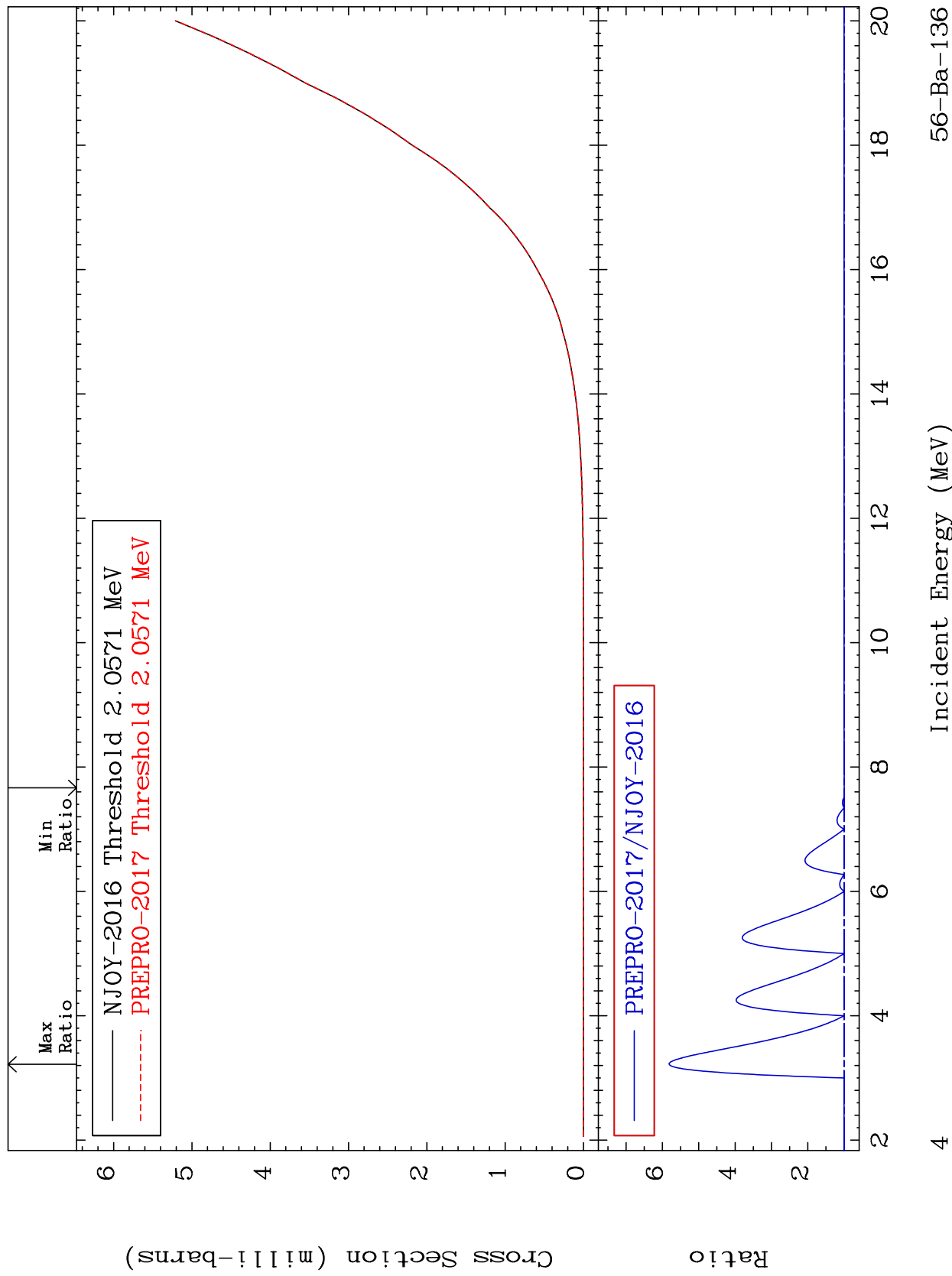
Incident Energy (eV)

56-Ba-136

MAT 5643

$(n, n') \alpha$   
Cross Section

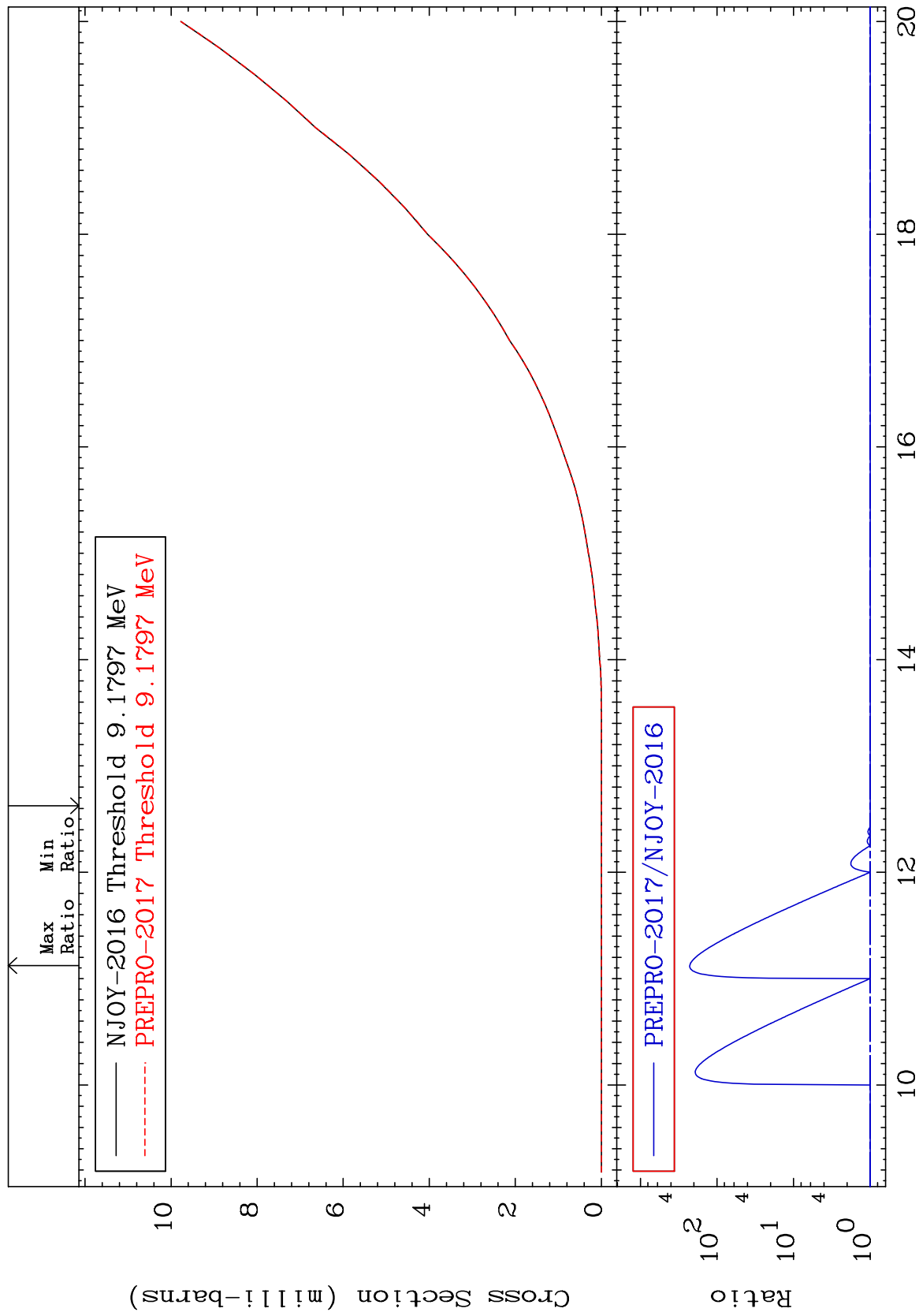
56-Ba-136  
-0.418 To 481.4 %



MAT 5643

(n, n') p  
Cross Section

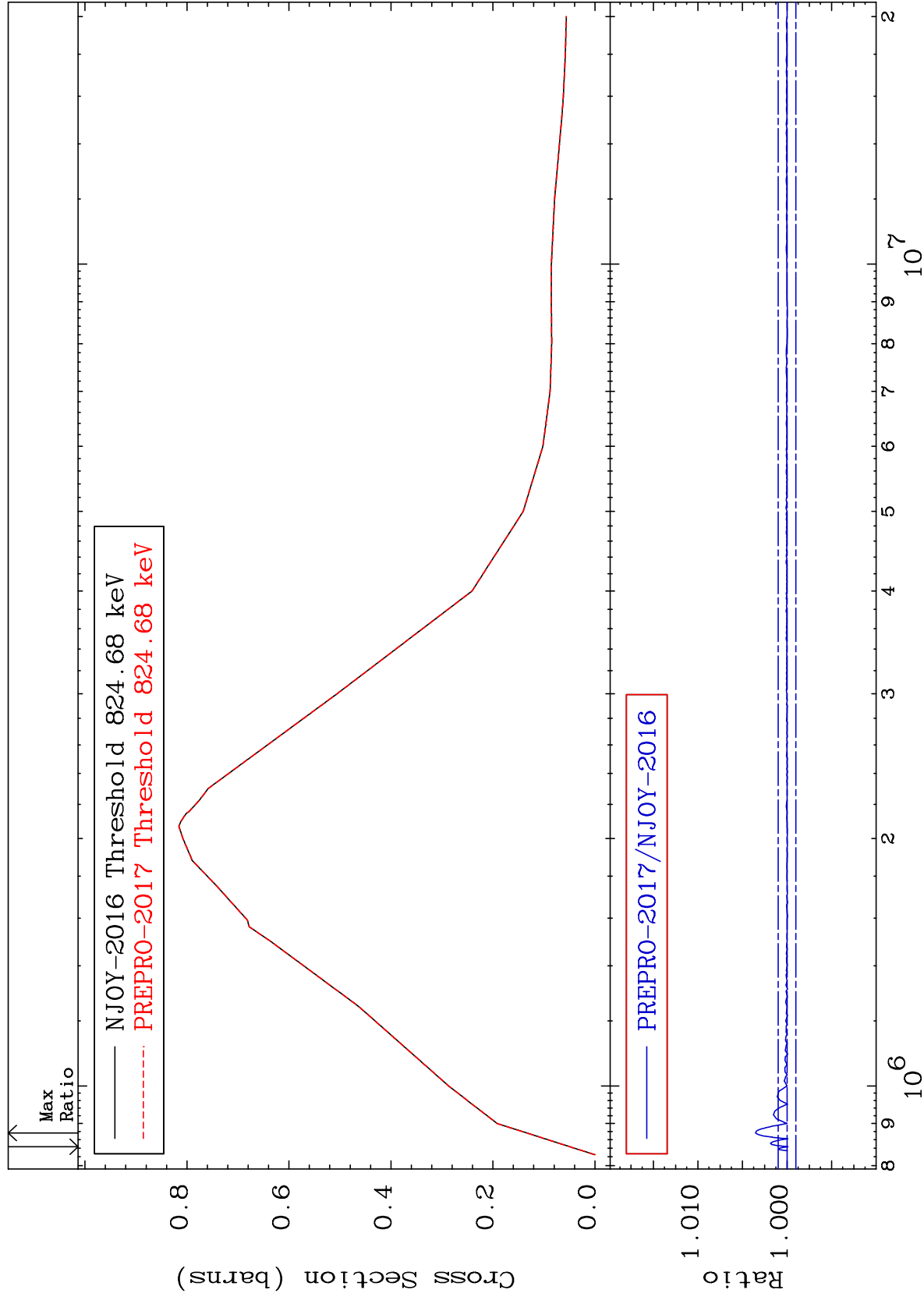
56-Ba-136  
-0.253 To 9999. %



MAT 5643

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

56-Ba-136  
-0.009 To 0.354 %



6

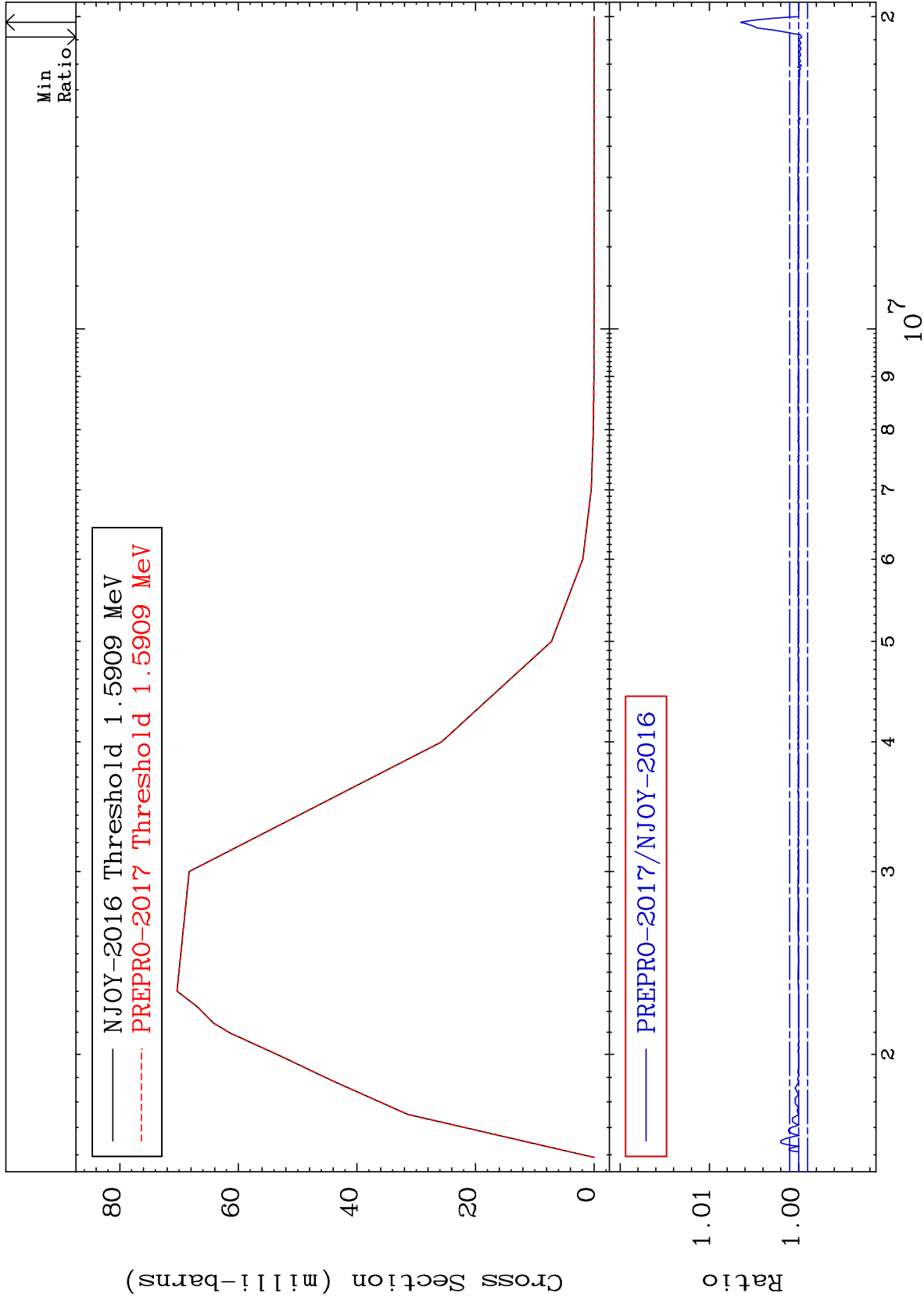
Incident Energy (eV)

56-Ba-136

MAT 5643

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

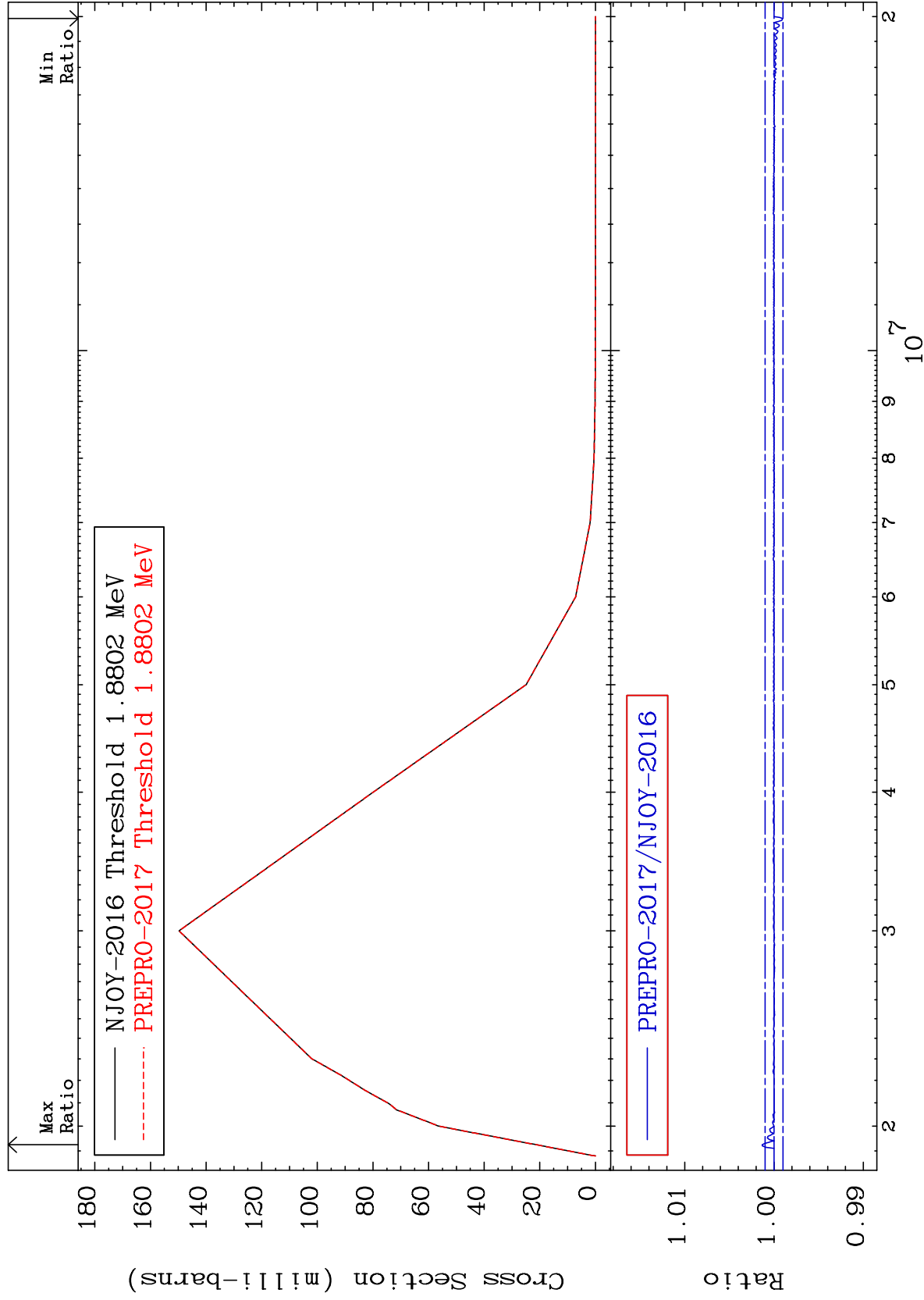
56-Ba-136  
-0.036 To 0.649 %



MAT 5643

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

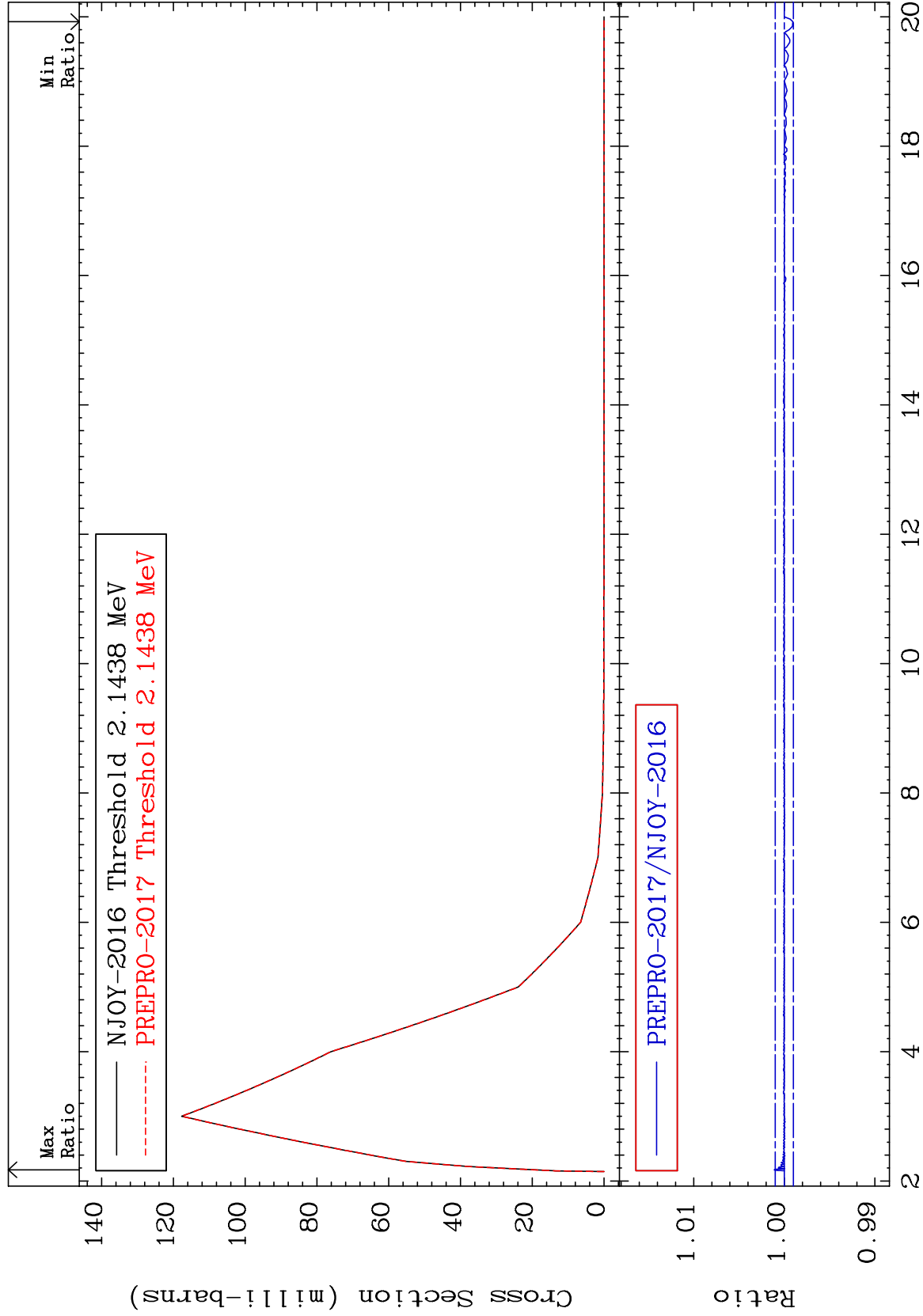
56-Ba-136  
-0.093 To 0.132 %



MAT 5643

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

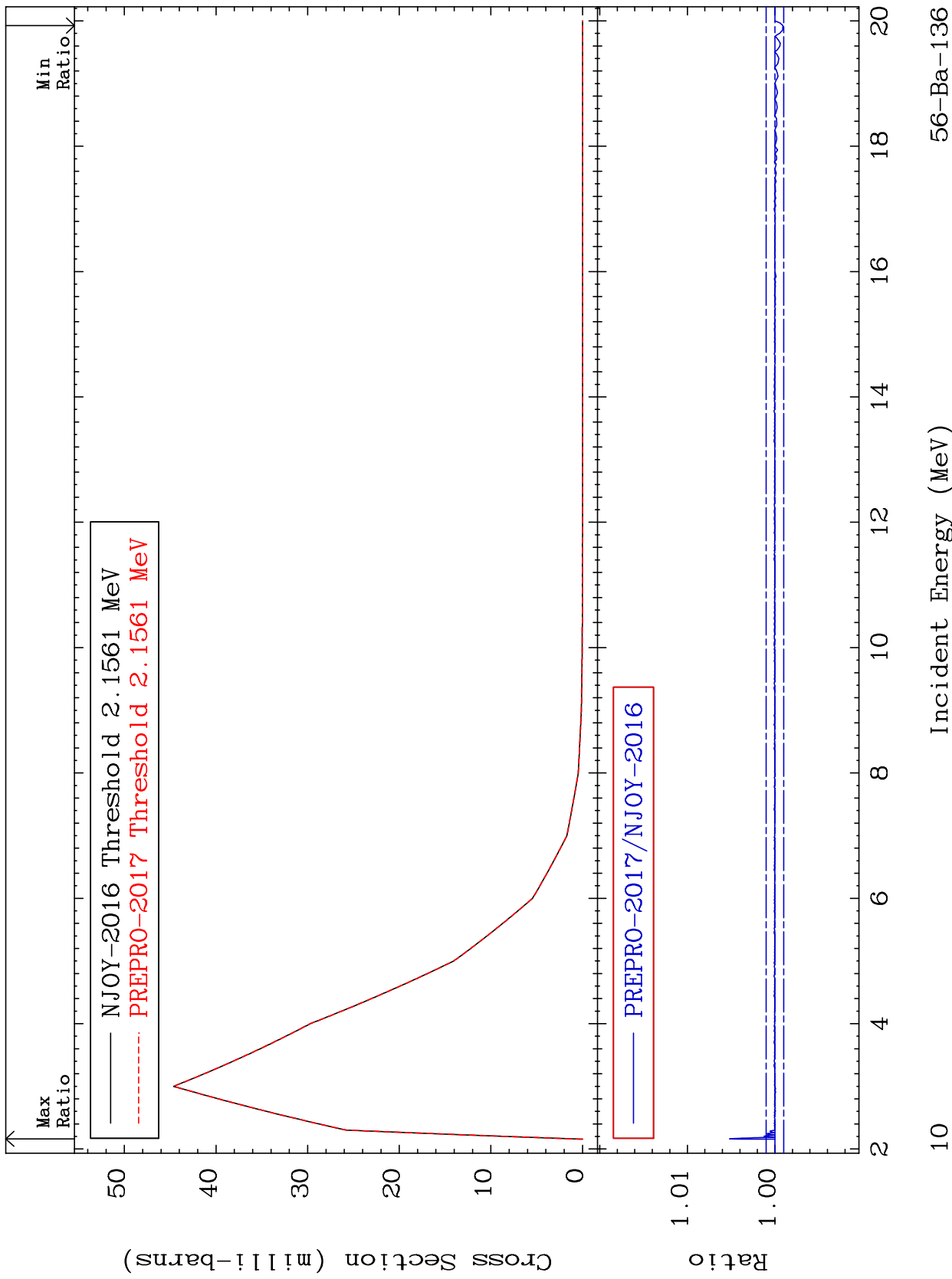
56-Ba-136  
-0.094 To 0.115 %



MAT 5643

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

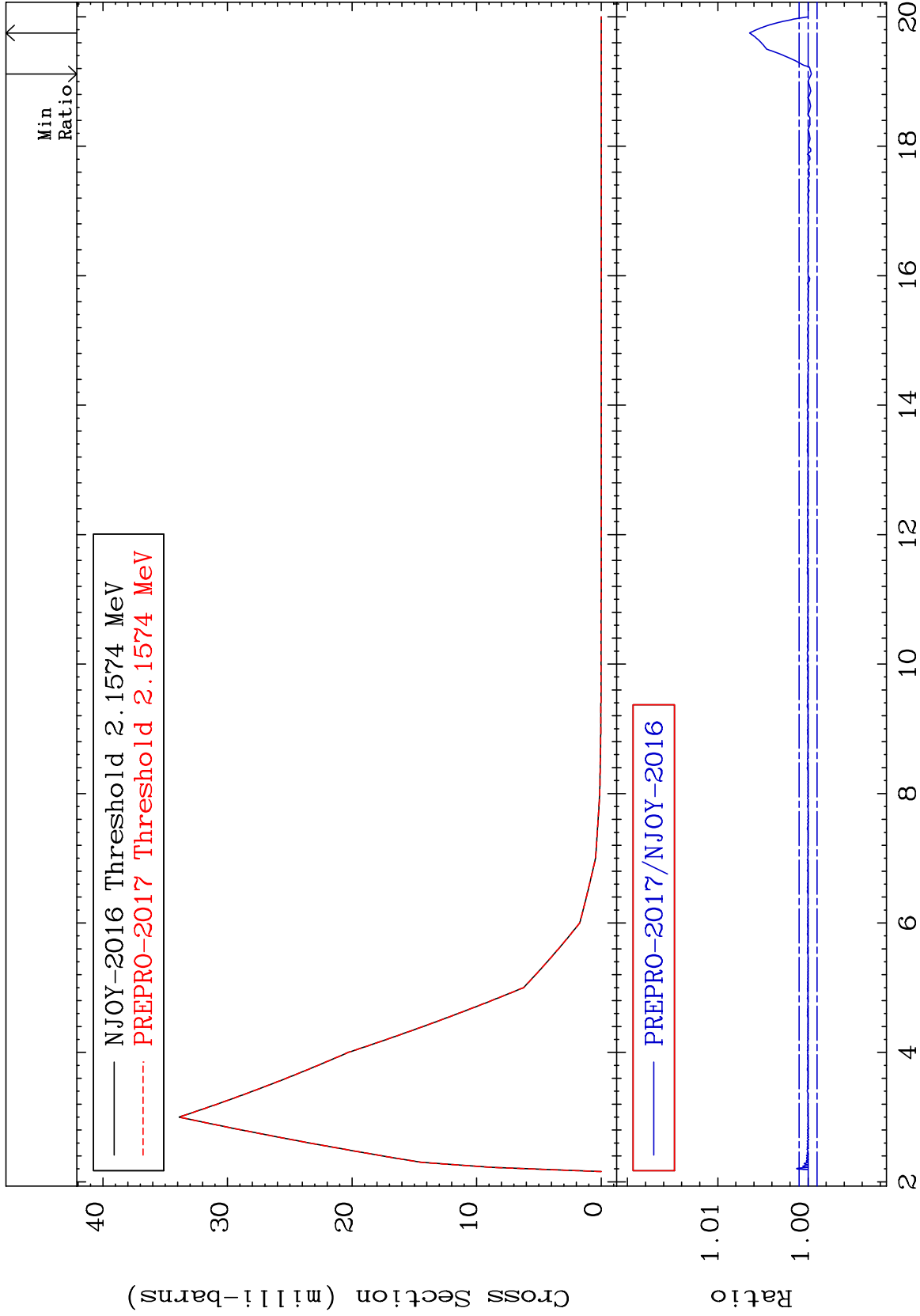
56-Ba-136  
-0.091 To 0.518 %



MAT 5643

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

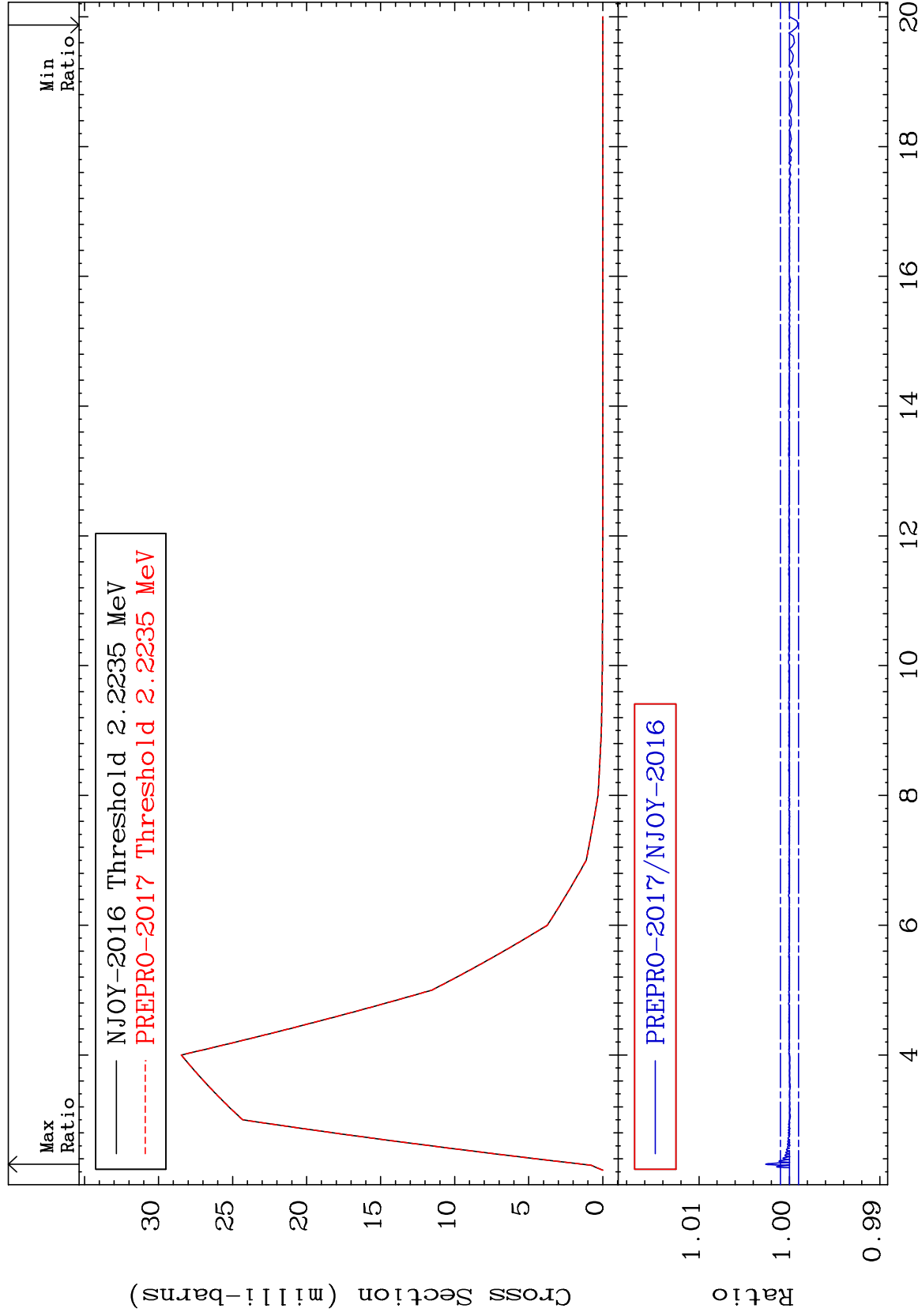
56-Ba-136  
-0.036 To 0.648 %



MAT 5643

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

56-Ba-136  
-0.094 To 0.262 %



12

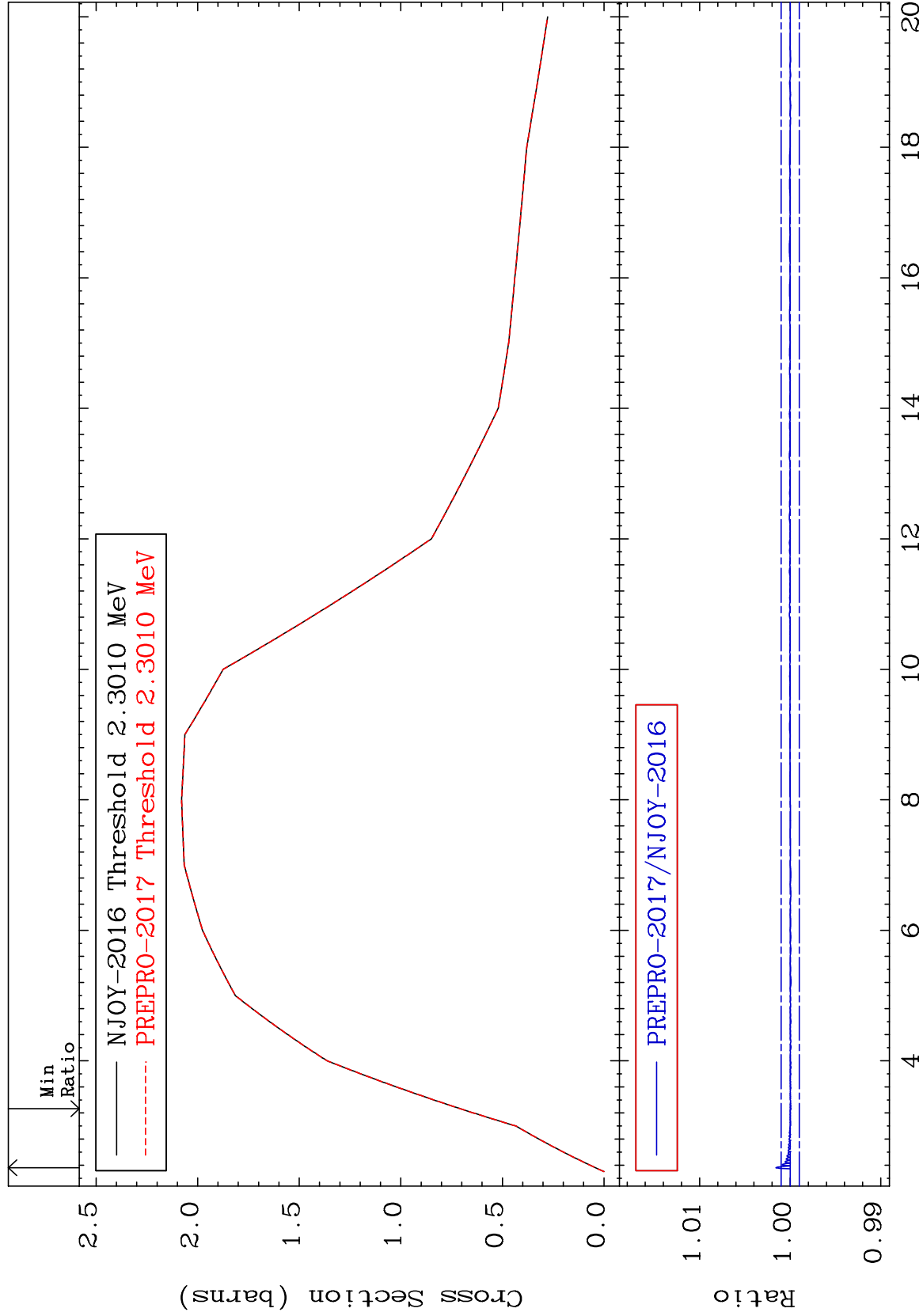
Incident Energy (MeV)

56-Ba-136

MAT 5643

(n, n') Continuum  
Cross Section

56-Ba-136  
-0.010 To 0.160 %



13

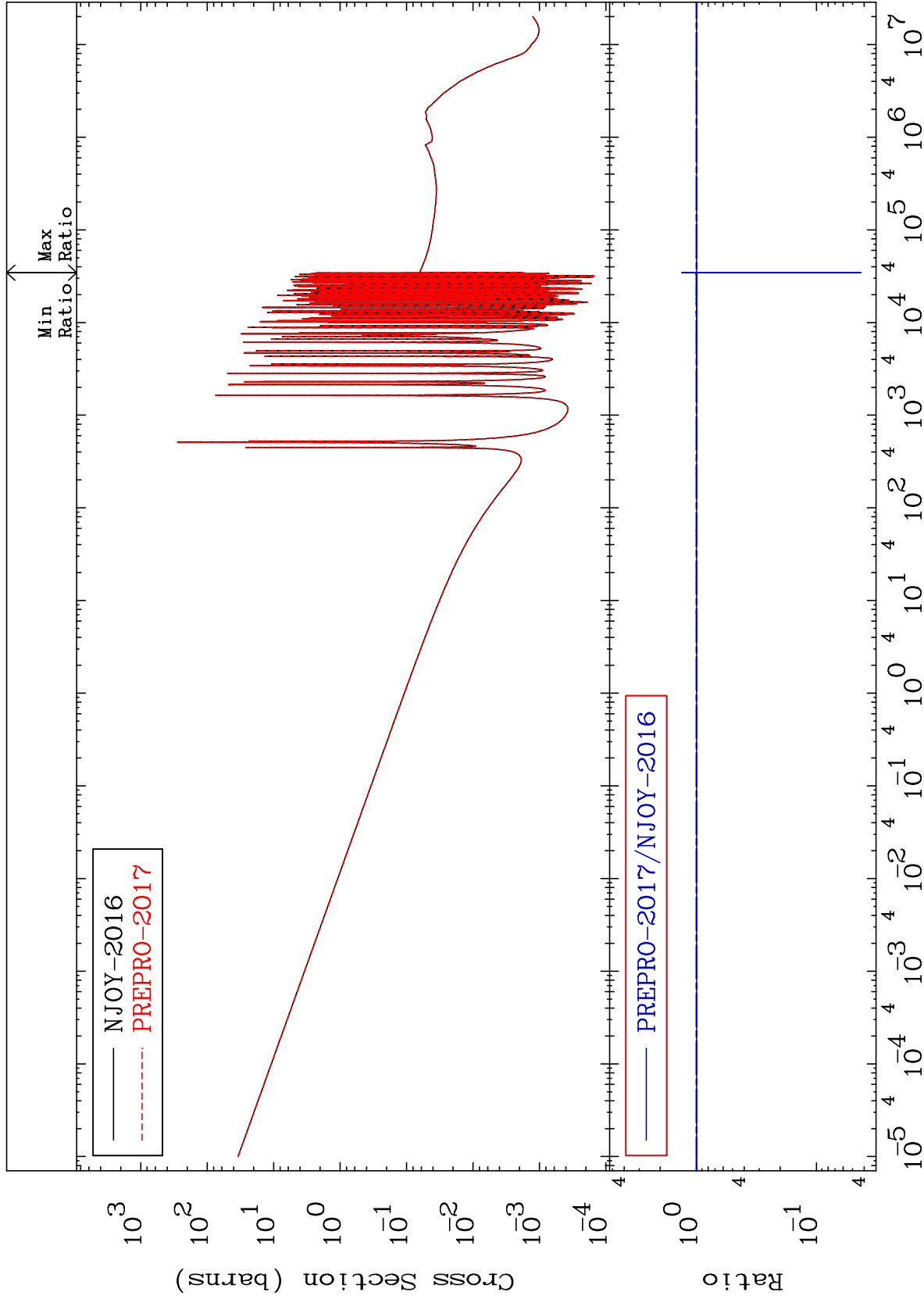
Incident Energy (MeV)

56-Ba-136

MAT 5643

(n,  $\gamma$ )  
Cross Section

56-Ba-136  
-95.74 To 32.03 %



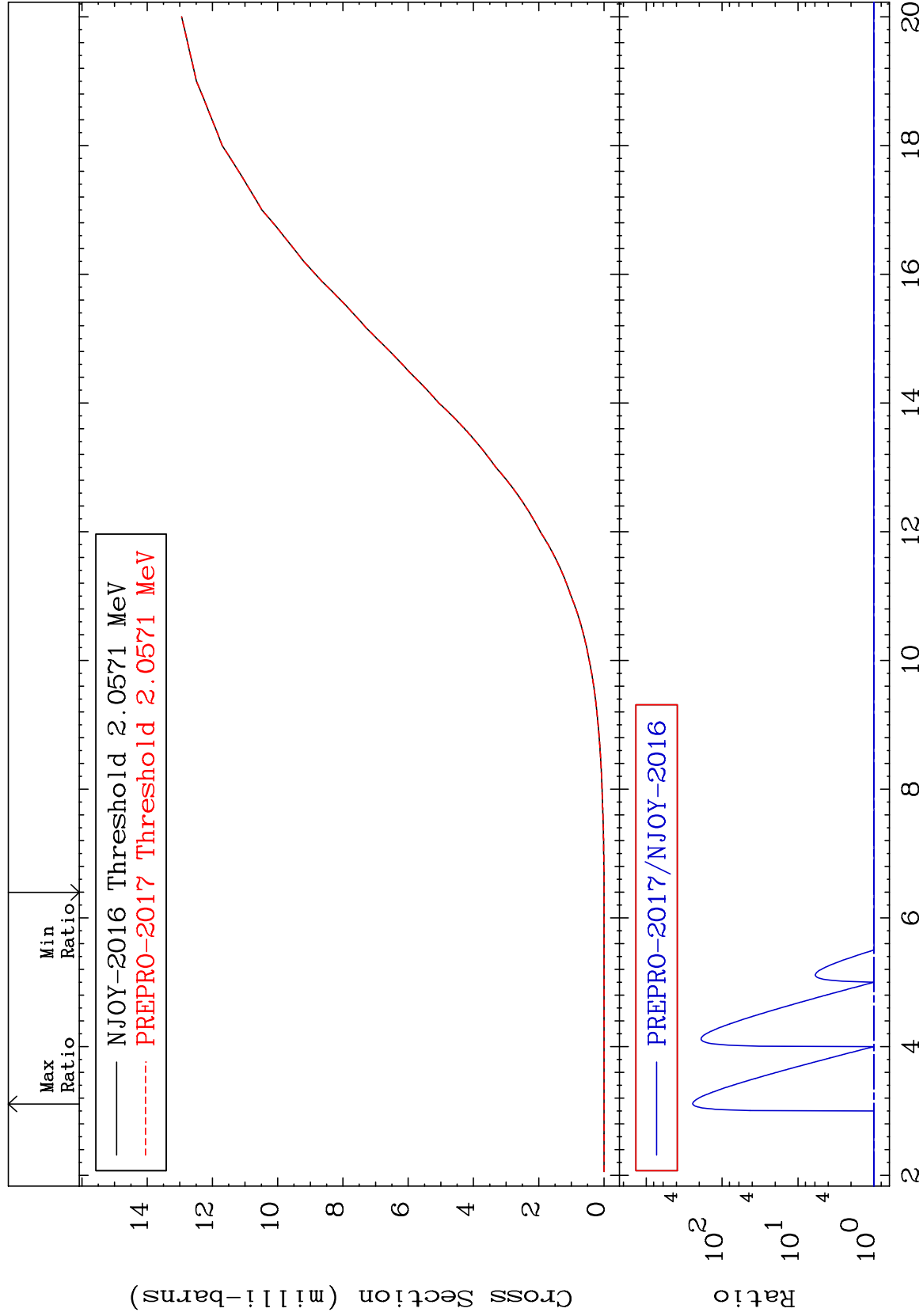
14

56-Ba-136

MAT 5643

(n,p)  
Cross Section

56-Ba-136  
-0.363 To 9999. %



15

Incident Energy (MeV)

56-Ba-136

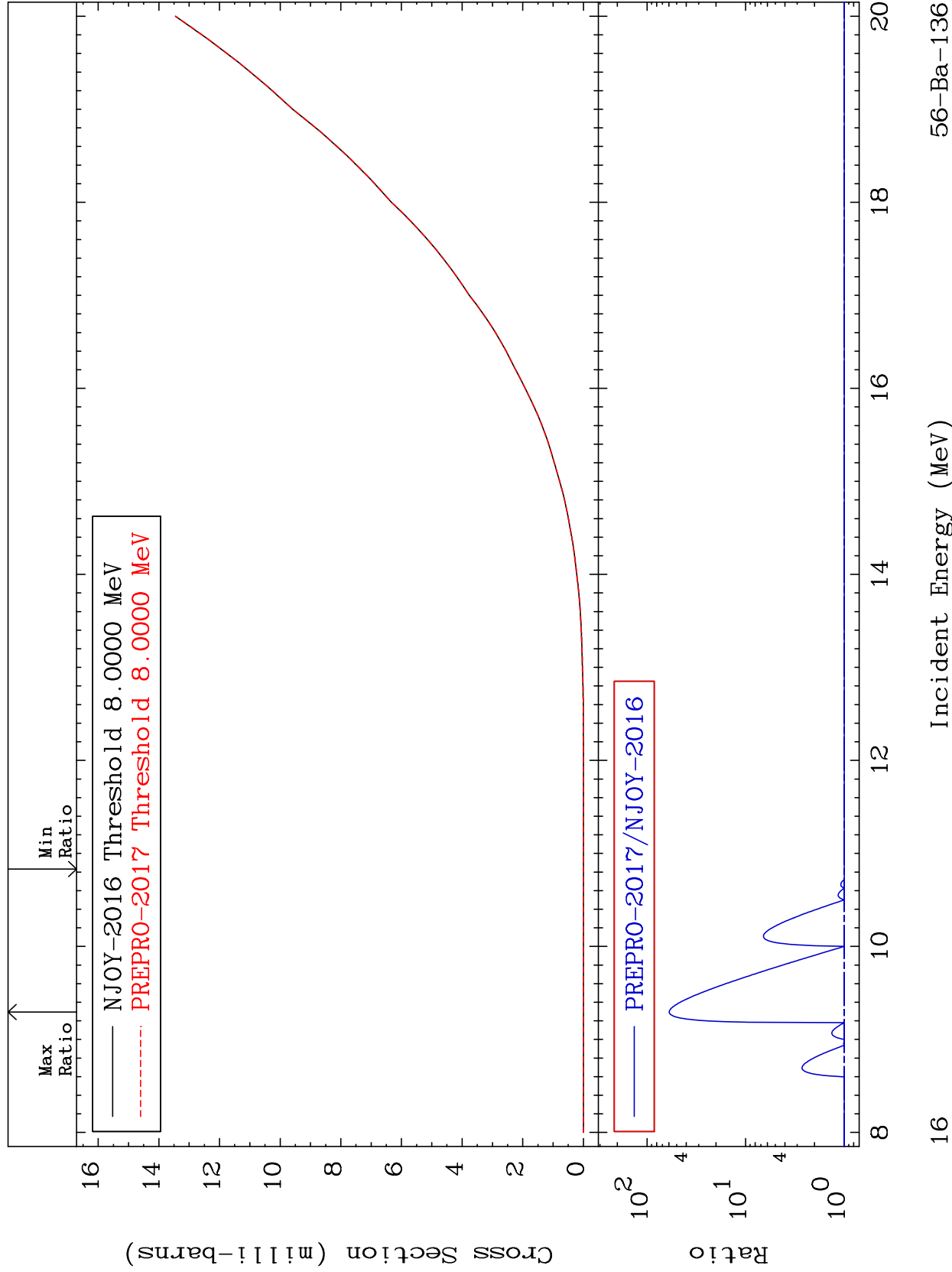
MAT 5643

(n, d)

56-Ba-136

Cross Section

-0.236 To 5868. %



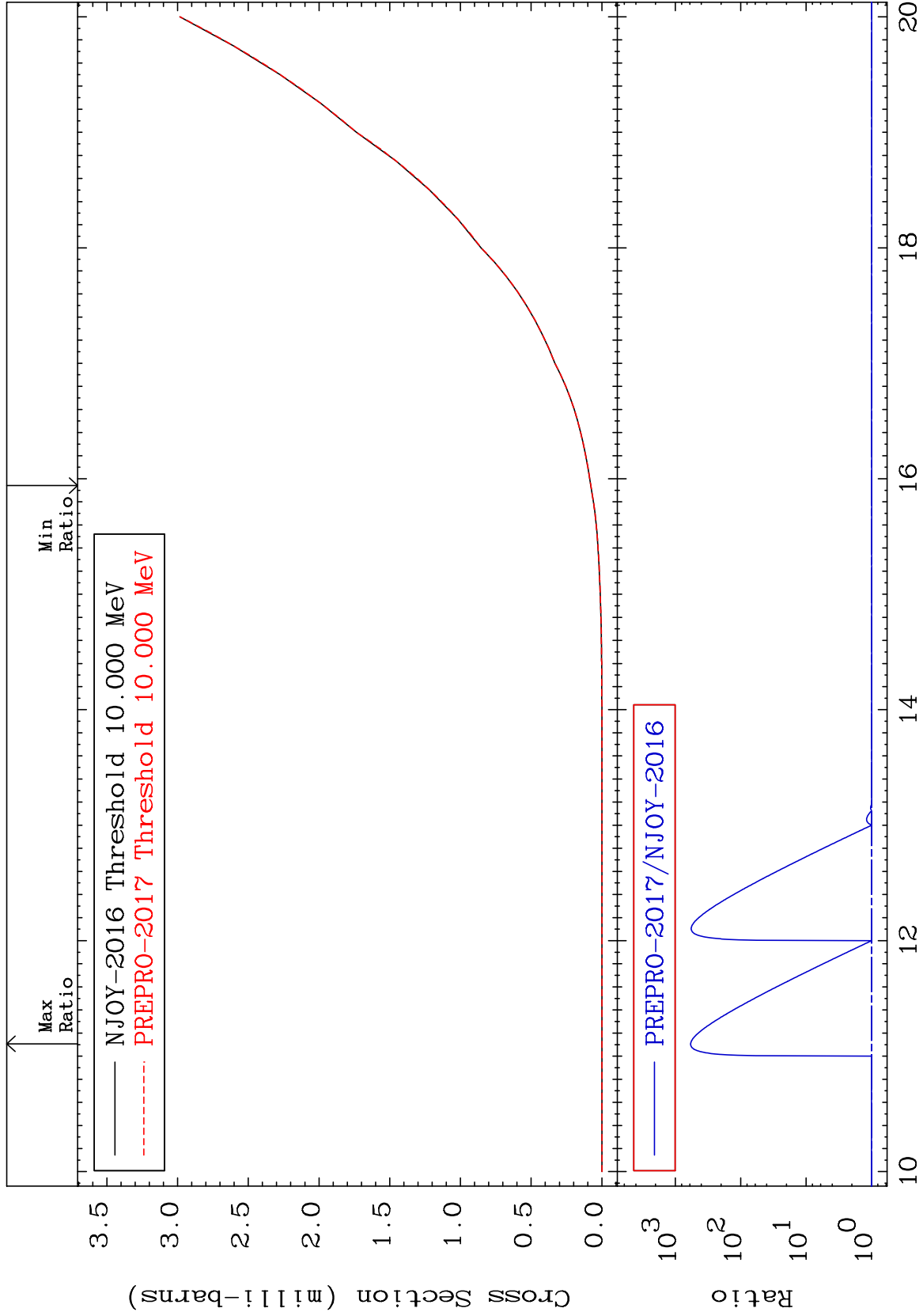
MAT 5643

(n, t)

56-Ba-136

Cross Section

-0.475 To 9999. %



17

Incident Energy (MeV)

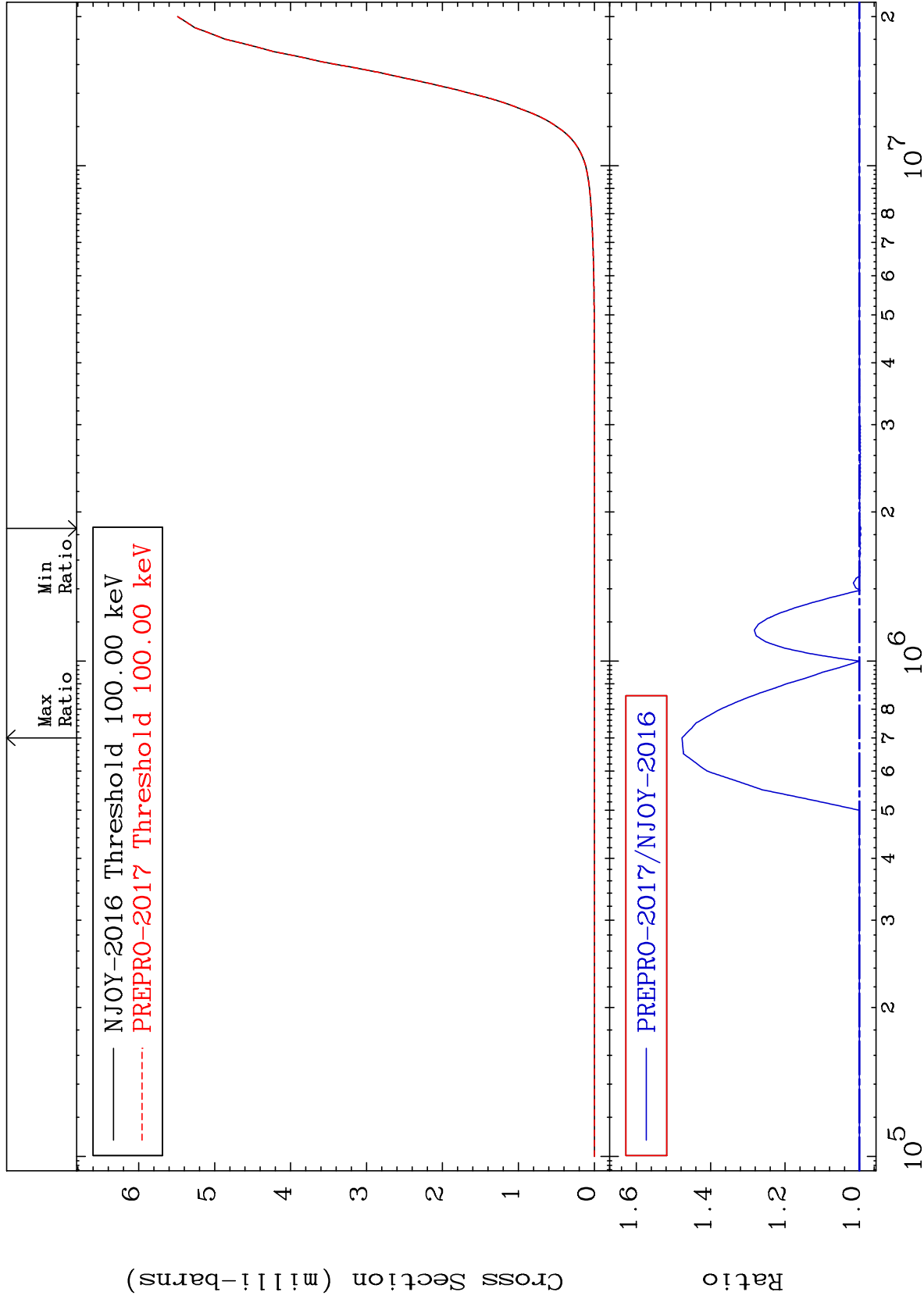
56-Ba-136

MAT 5643

(n,  $\alpha$ )

56-Ba-136  
-0.390 To 47.74 %

Cross Section



18

Incident Energy (eV)

56-Ba-136