

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

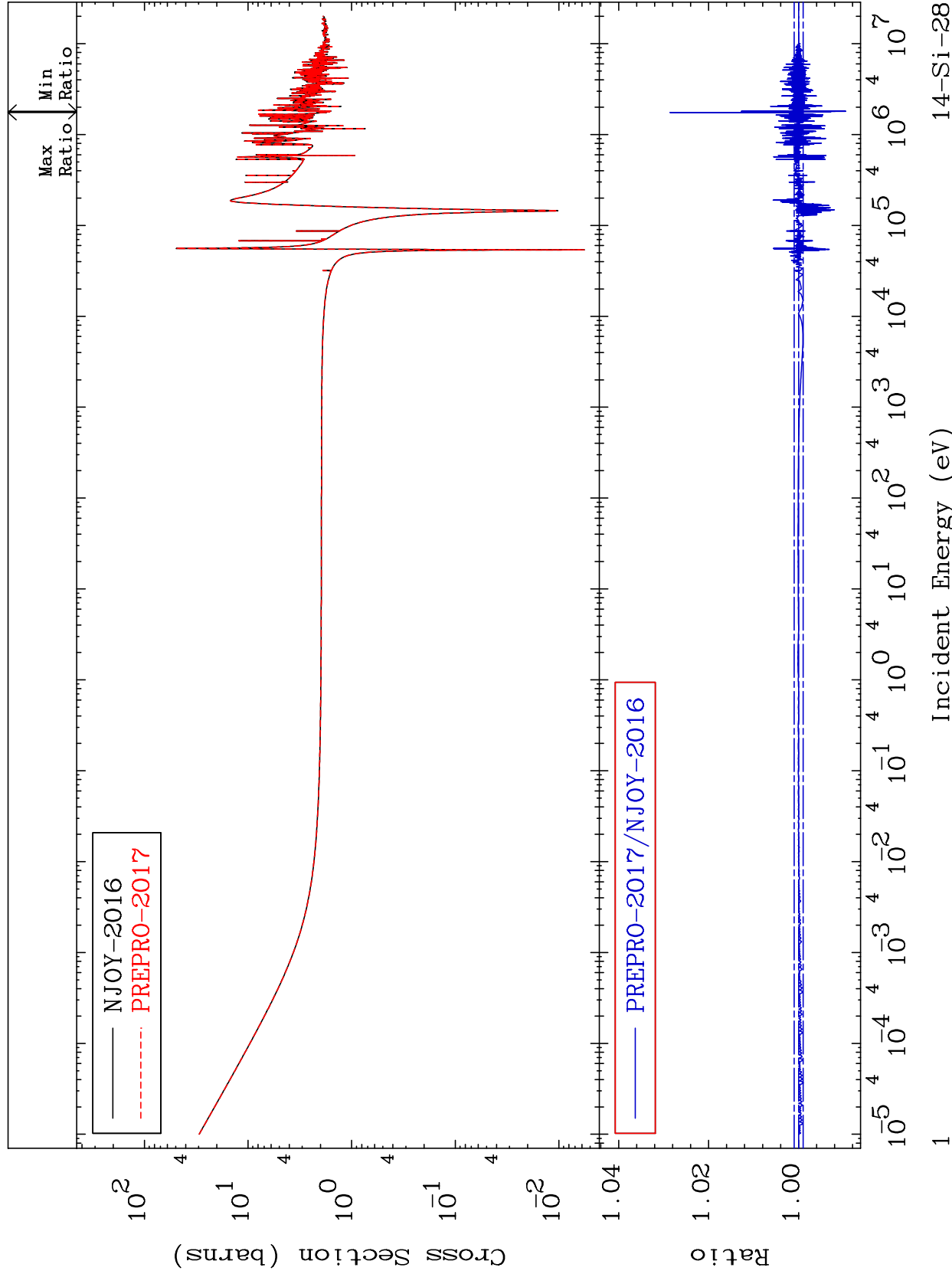
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1425

Total
Cross Section

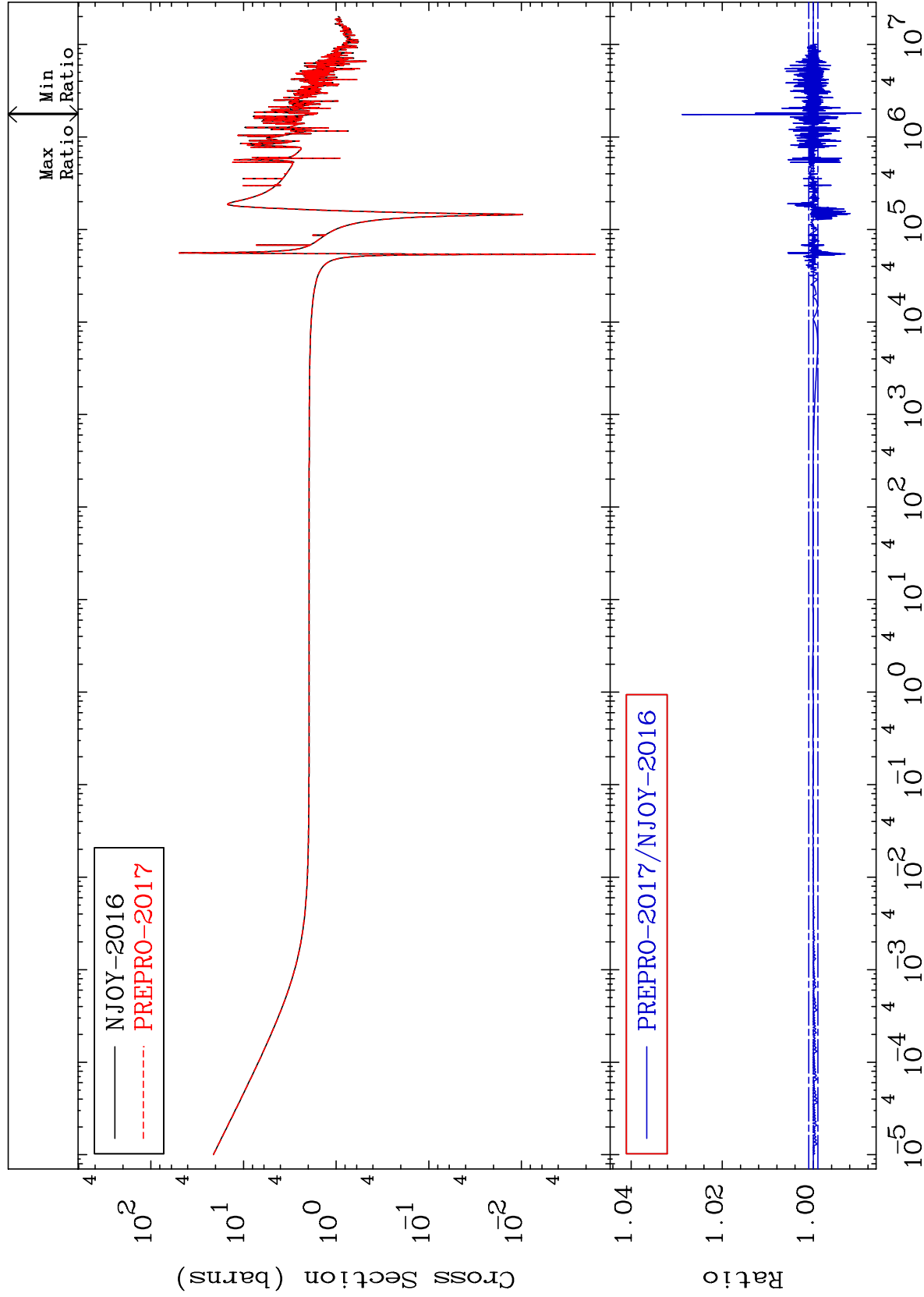
14-Si-28
-1.046 To 2.854 %



MAT 1425

Elastic
Cross Section

14-Si-28
-1.046 To 2.876 %



2

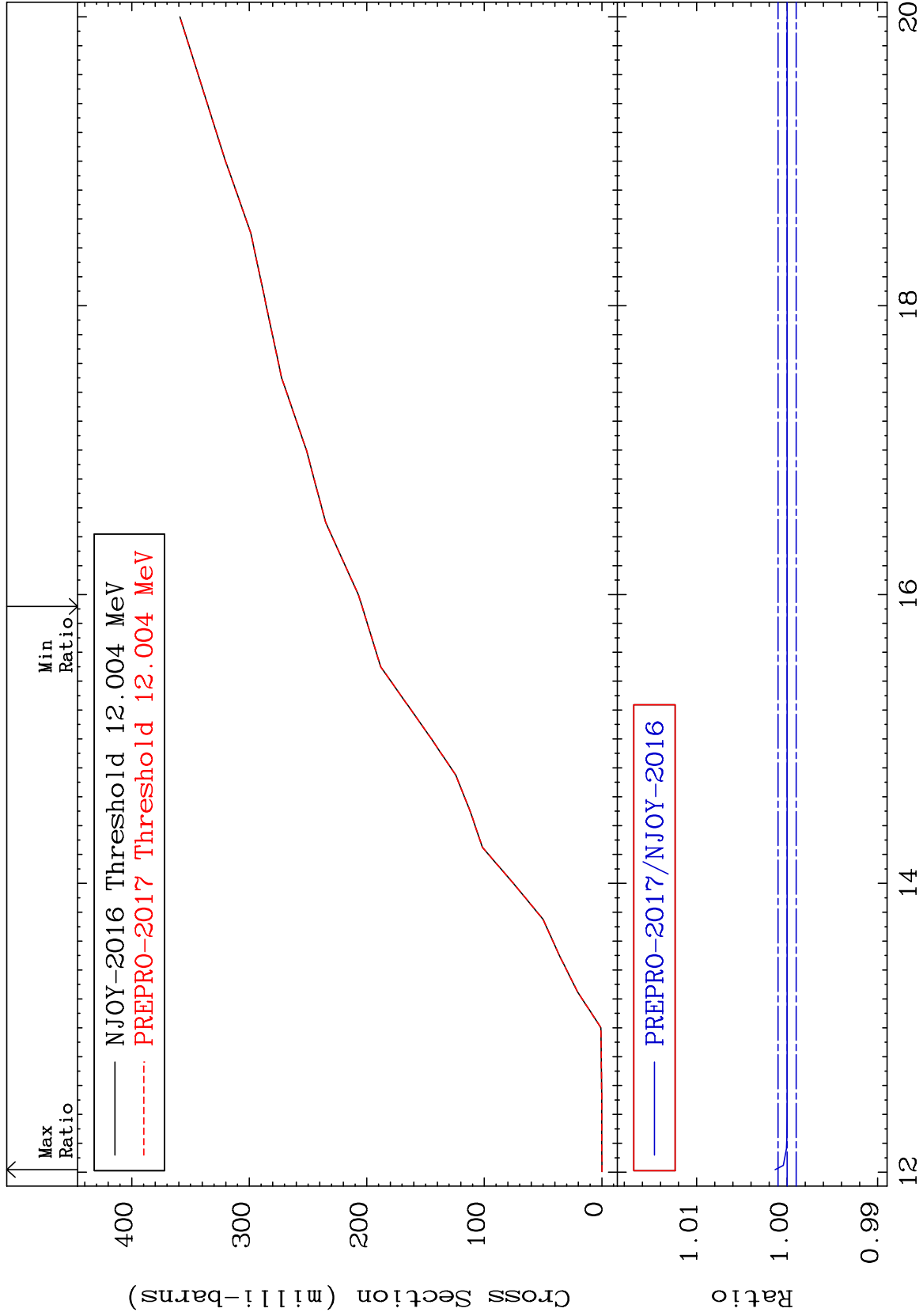
Incident Energy (eV)

14-Si-28

MAT 1425

(n, n') p
Cross Section

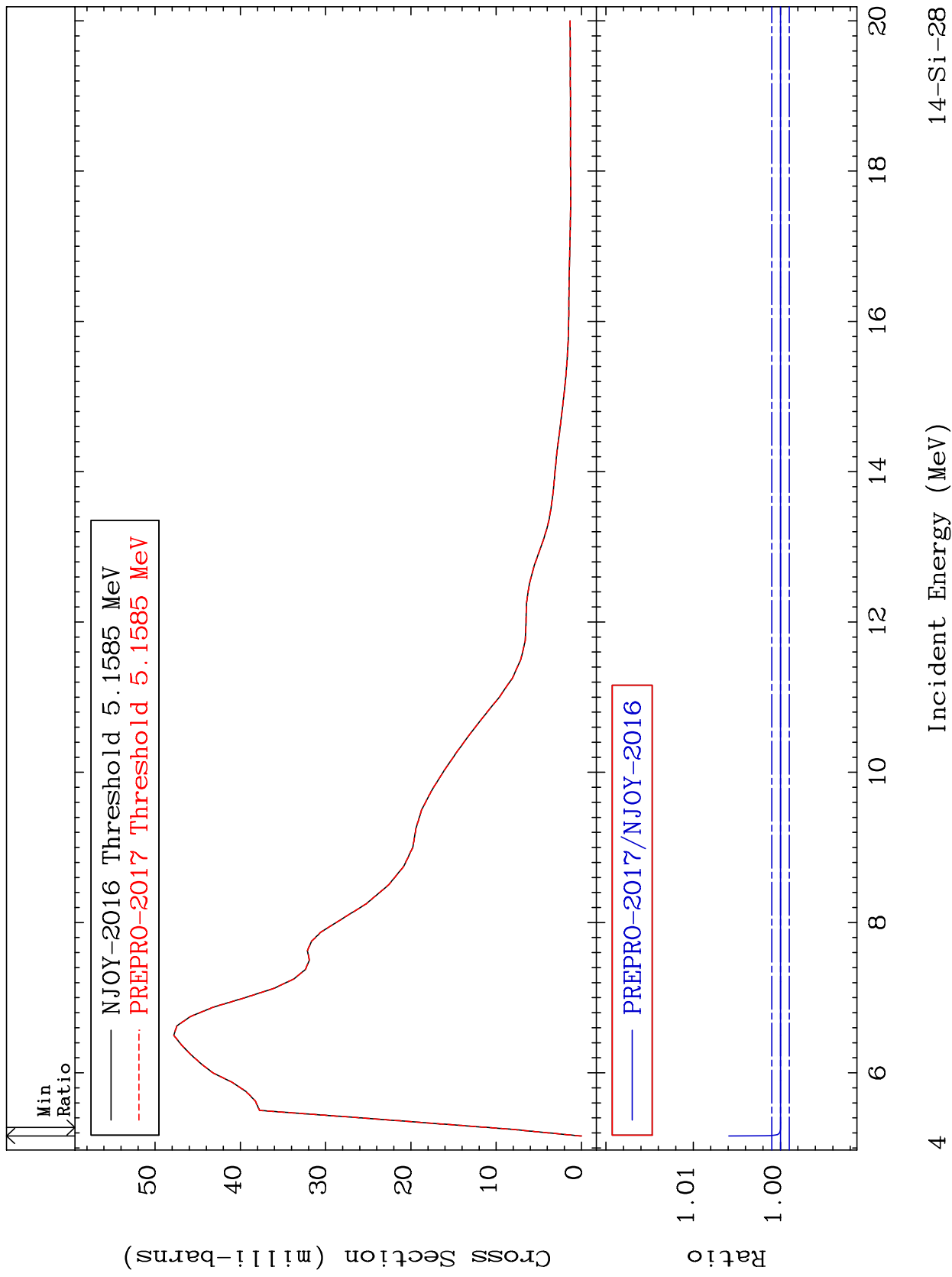
14-Si-28
To 0.134 %



MAT 1425

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

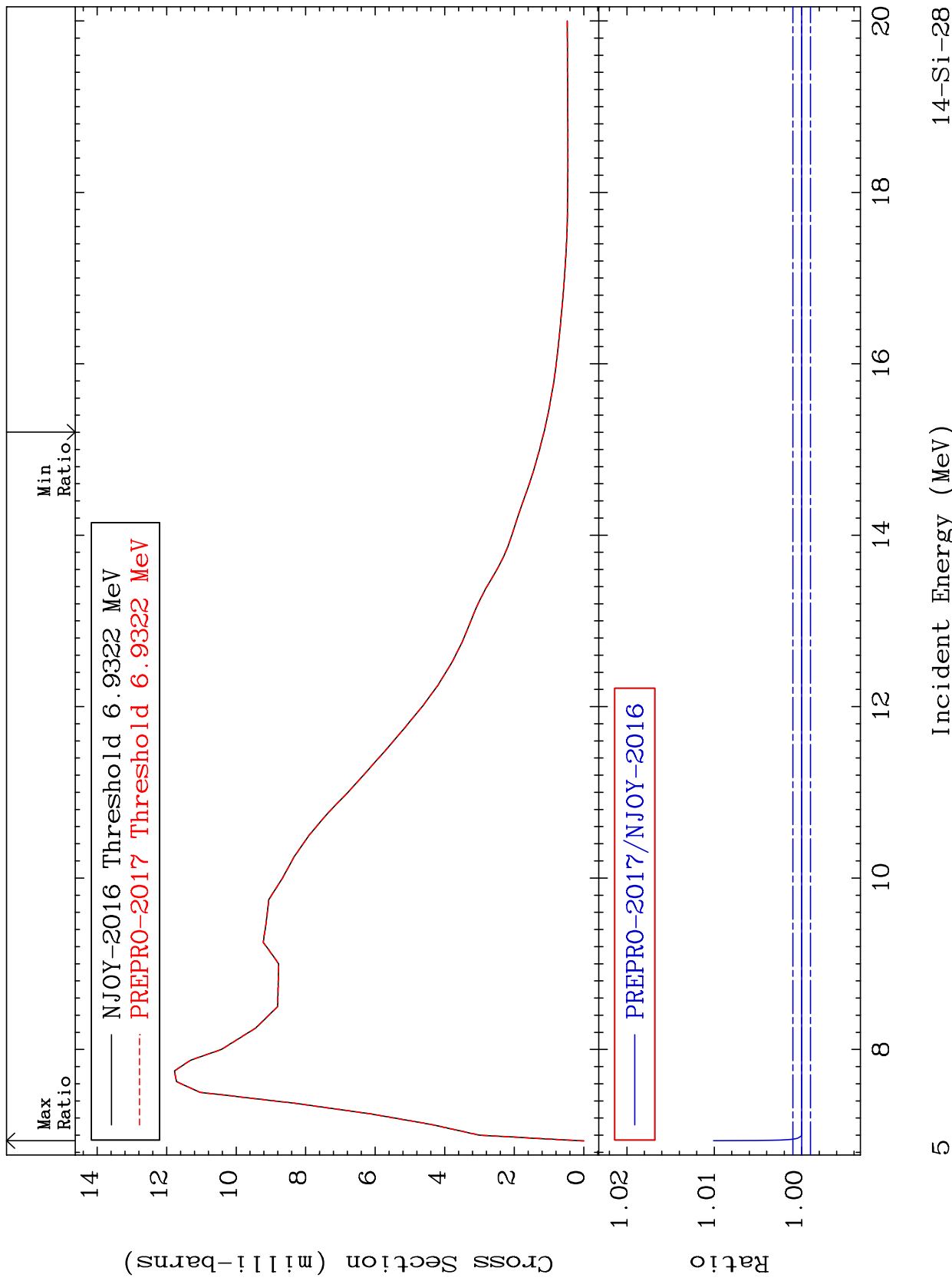
14-Si-28
0.000 To 0.594 %



MAT 1425

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

14-Si-28
0.000 To 1.009 %

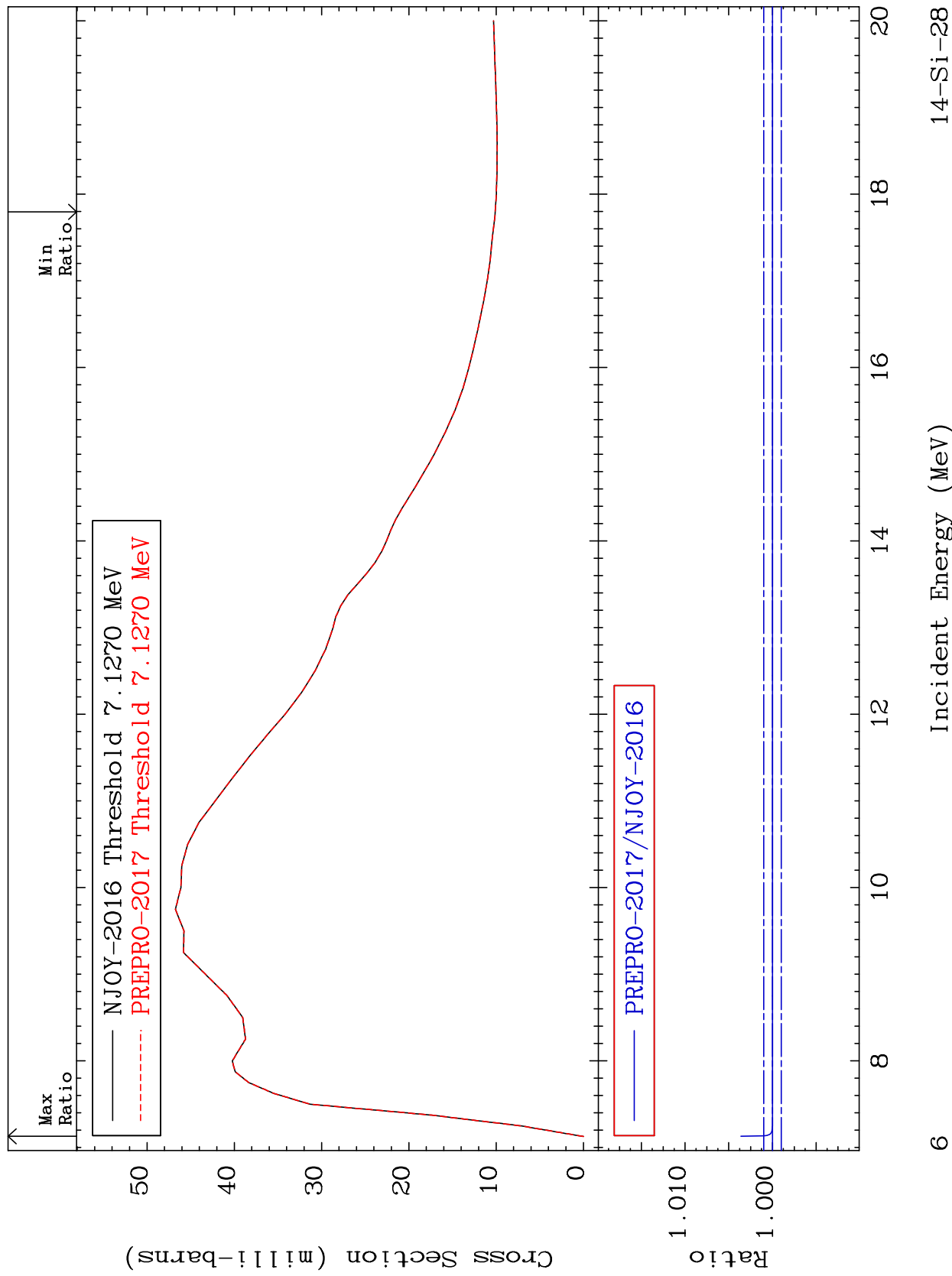


5

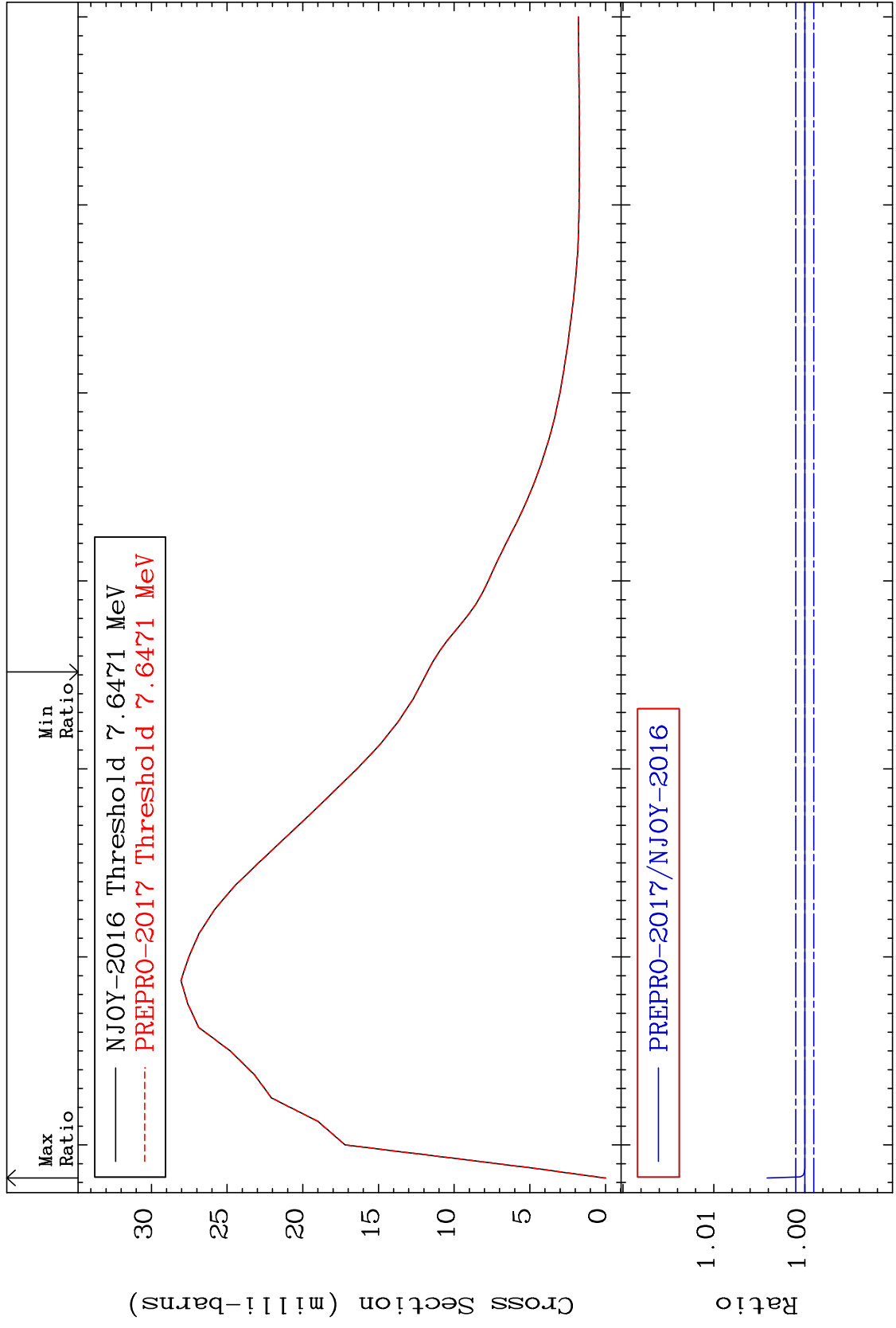
MAT 1425

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

14-Si-28
0.000 To 0.360 %



MAT 1425 MT= 58 (n,n') Level Cross Section 14-Si-28 To 0.415 %

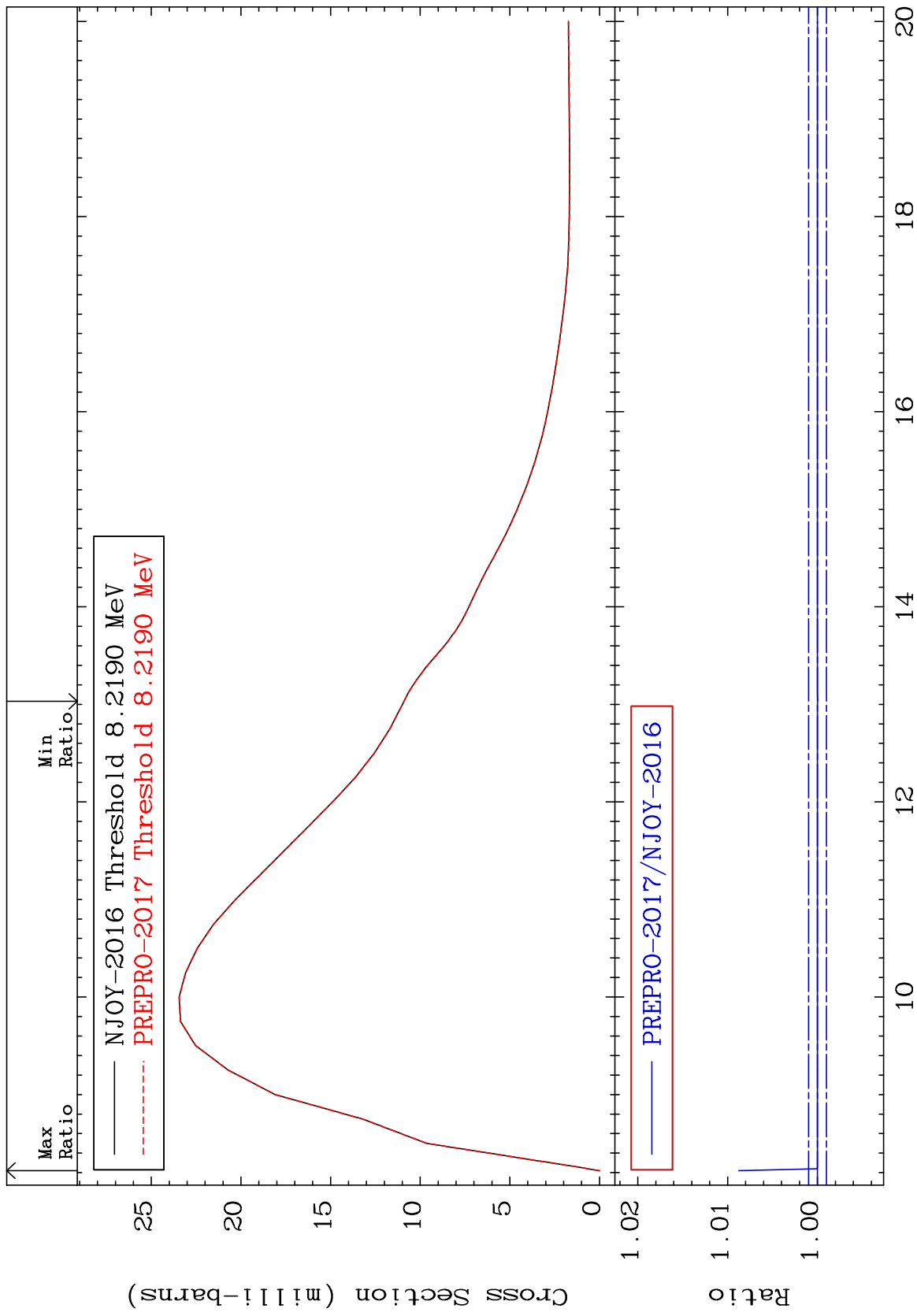


7 14-Si-28

MAT 1425

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

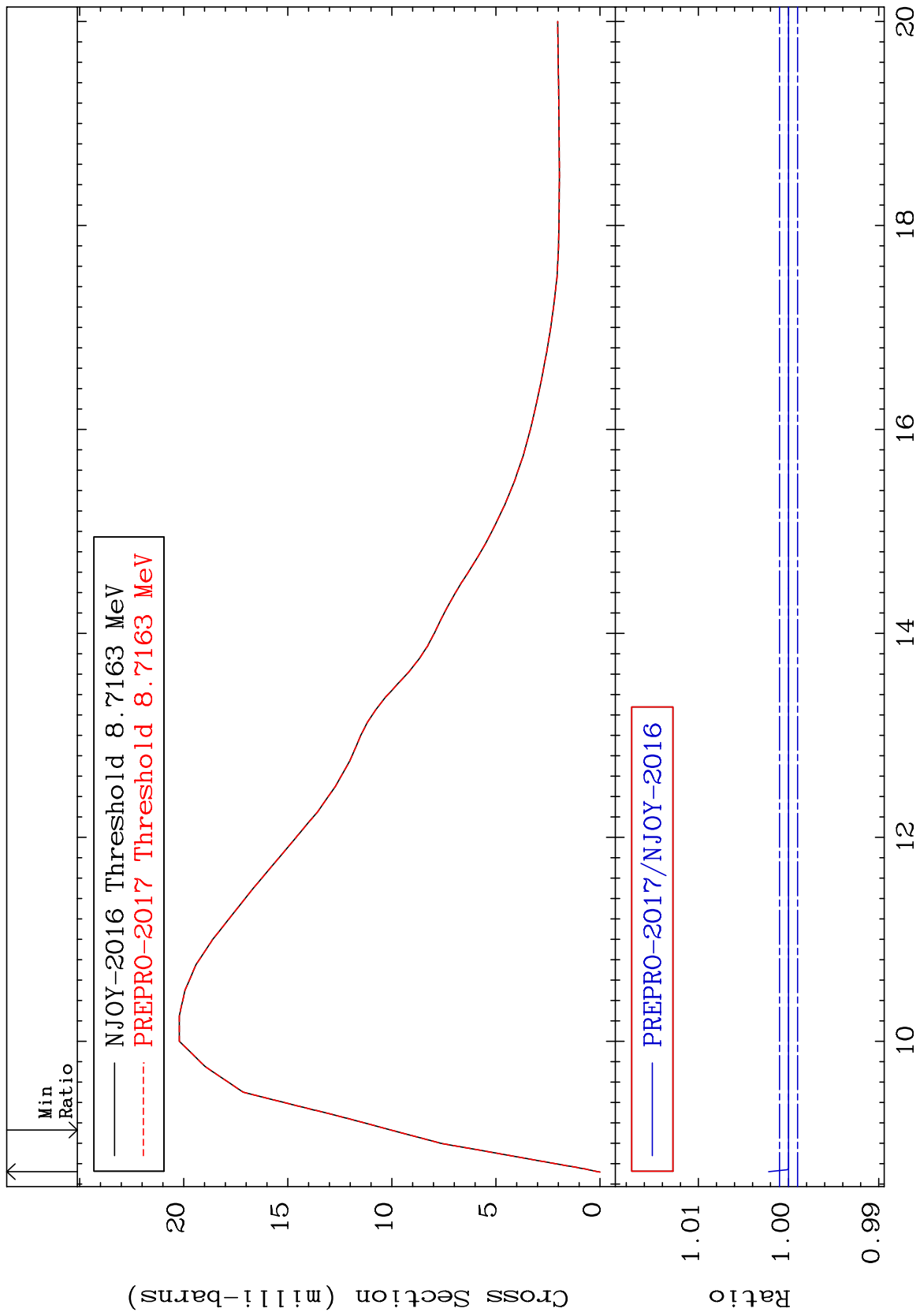
14-Si-28
0.000 To 0.879 %



MAT 1425

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

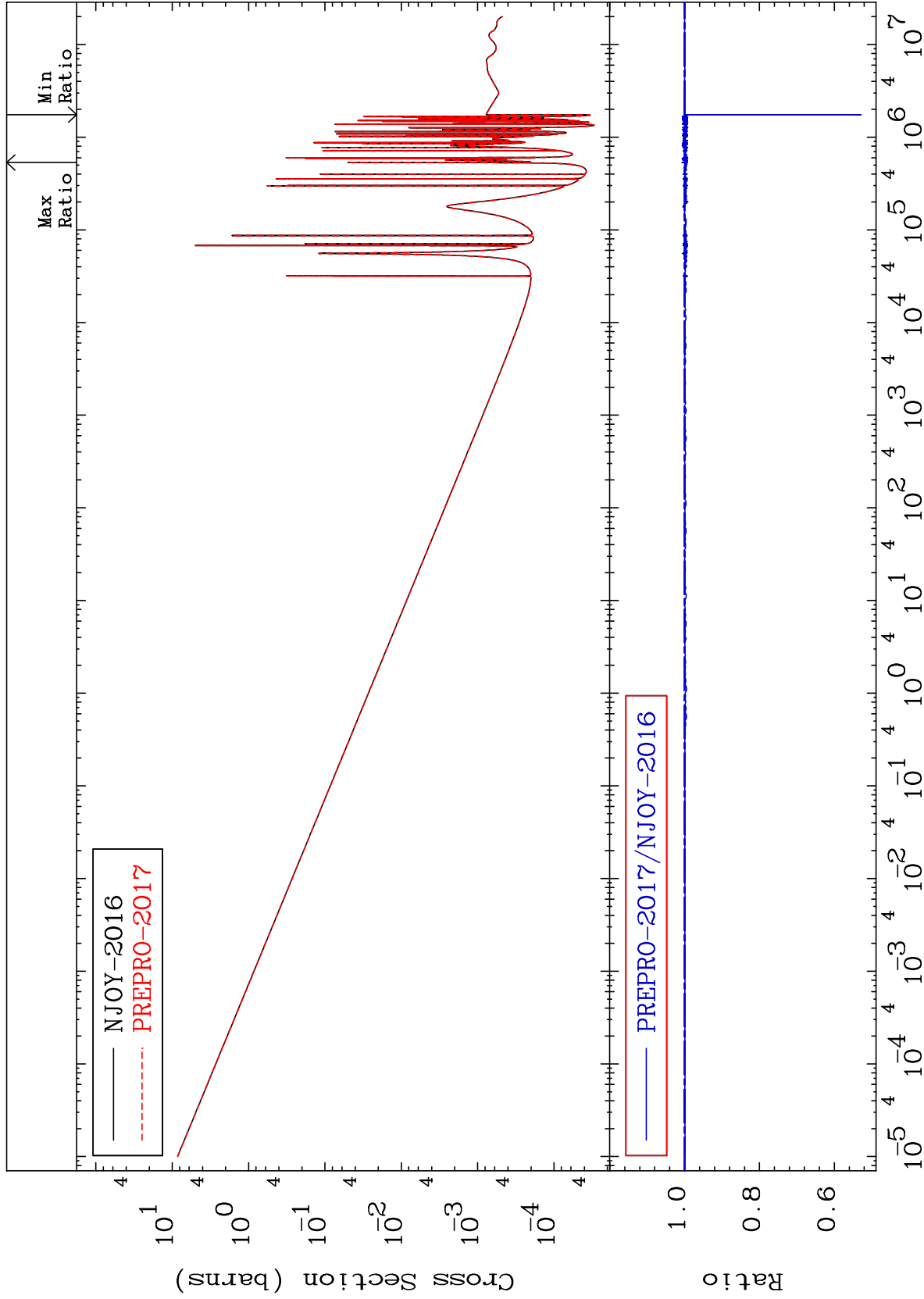
14-Si-28
0.000 To 0.222 %



MAT 1425

(n, γ)
Cross Section

14-Si-28
-47.09 To 0.719 %

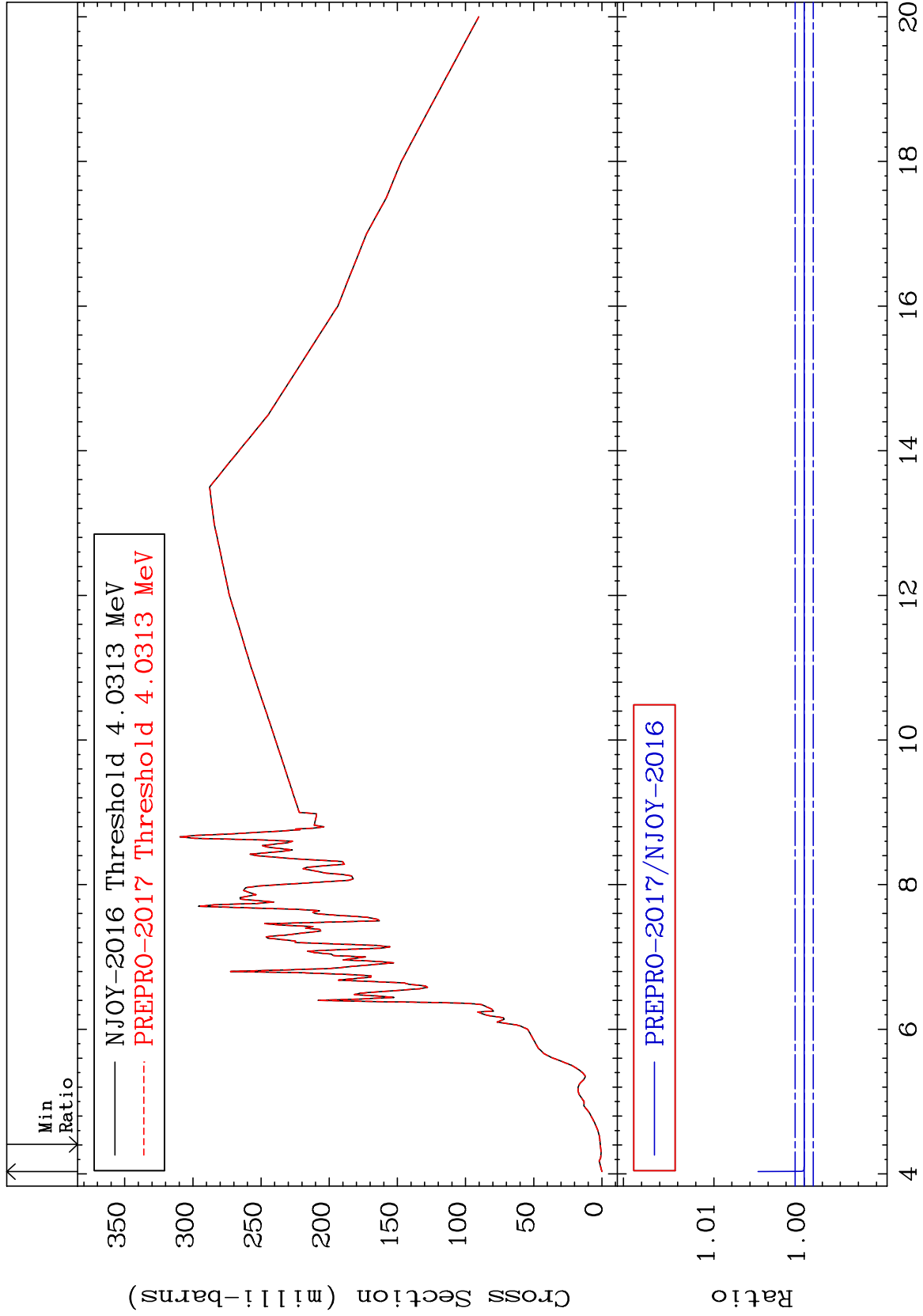


10

Incident Energy (eV)

14-Si-28

MAT 1425 (n,p) Cross Section 14-Si-28 To 0.511 %

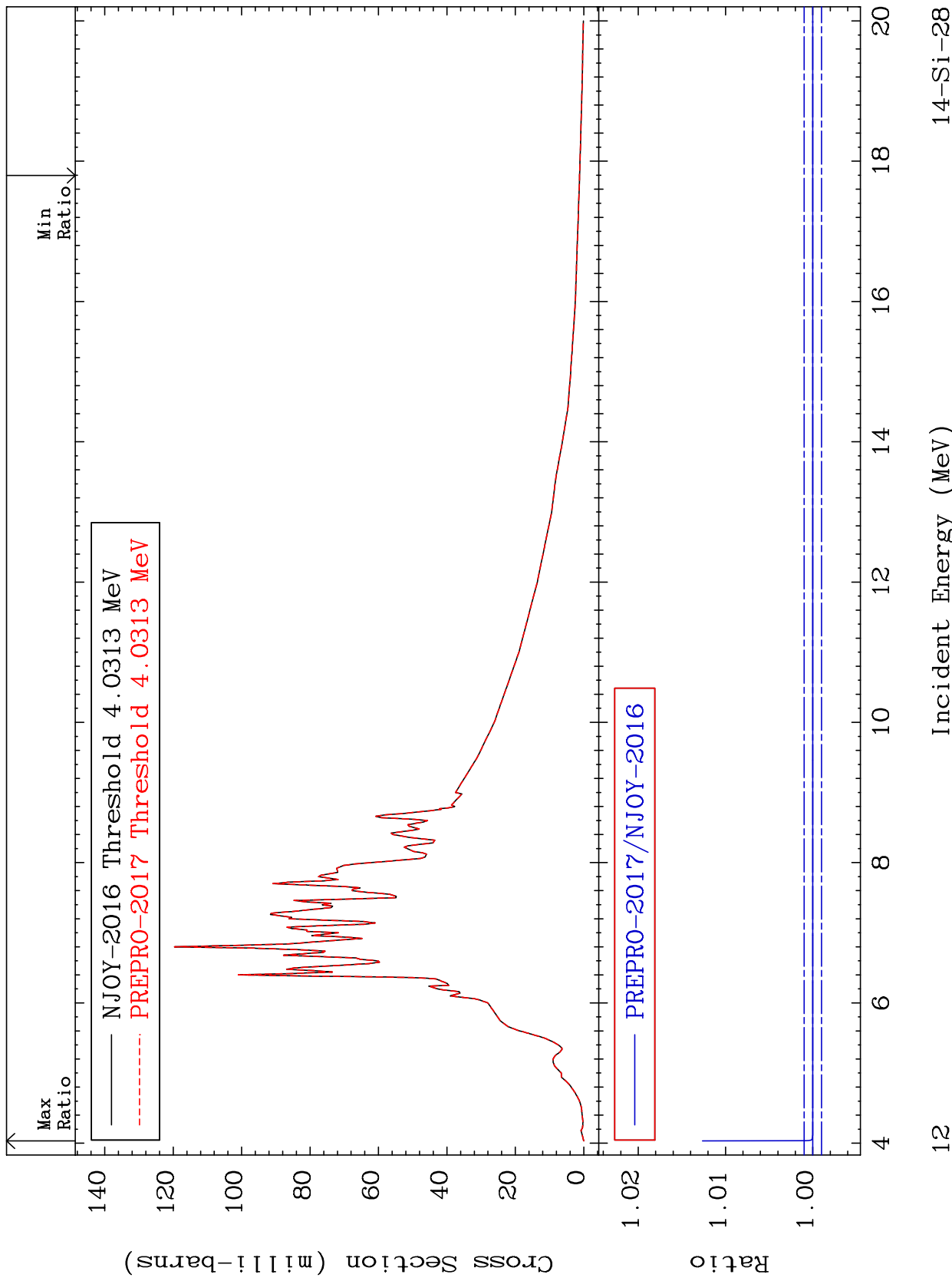


11 14-Si-28

MAT 1425

MT=601 (n,p') Level
Cross Section

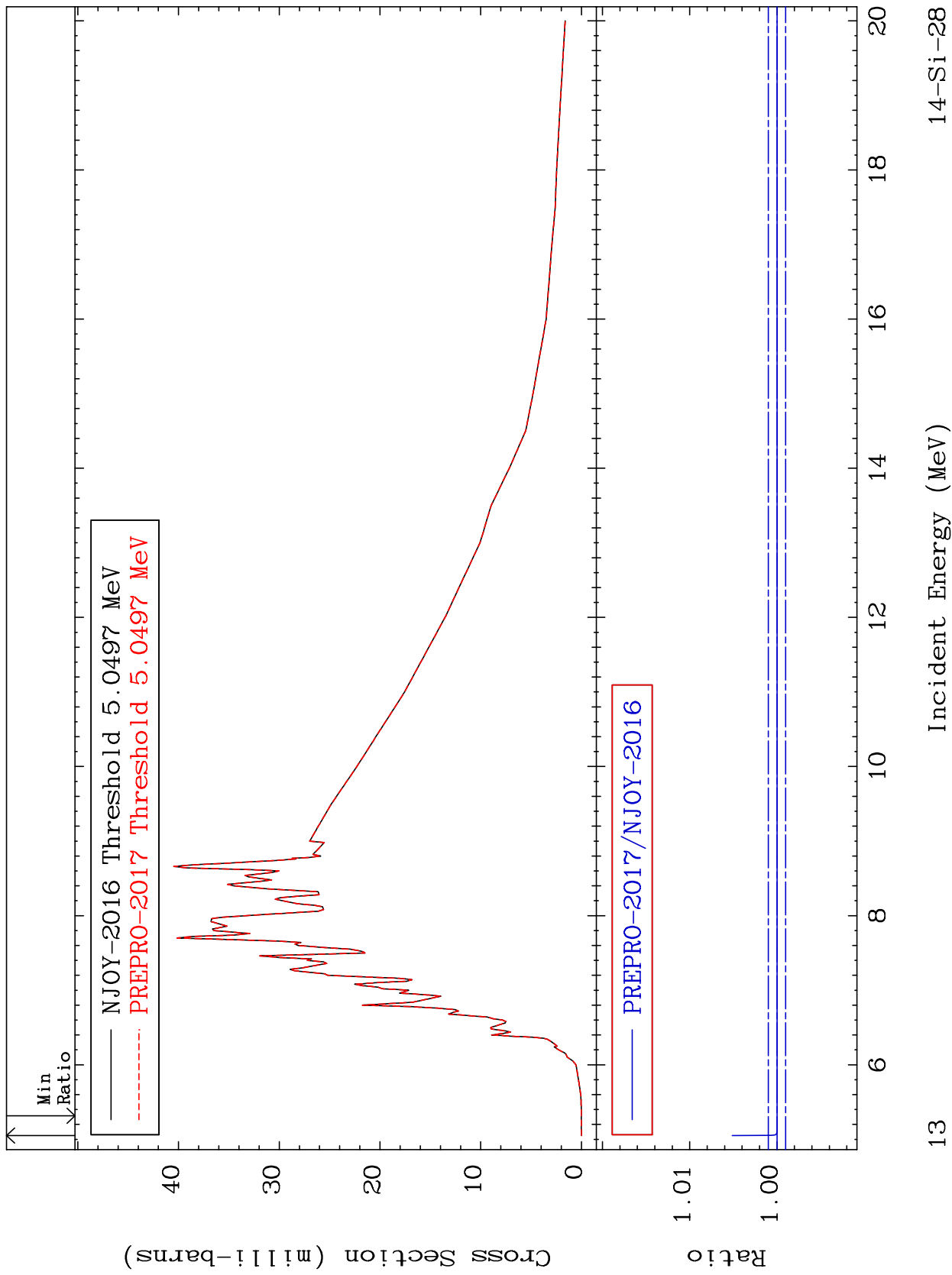
14-Si-28
0.000 To 1.264 %



MAT 1425

MT=603 (n,p') Level
Cross Section

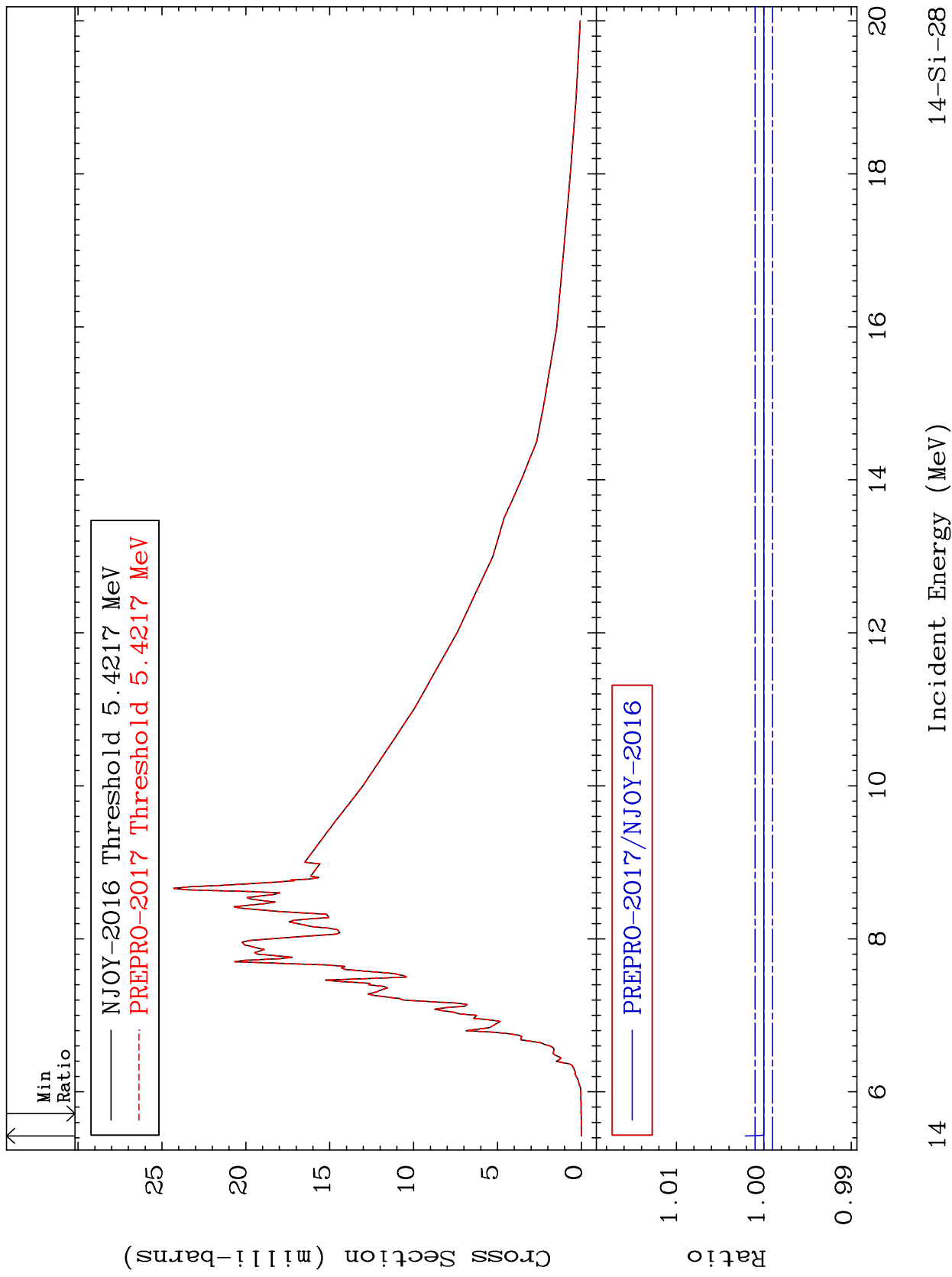
14-Si-28
0.000 To 0.514 %



MAT 1425

MT=604 (n,p') Level
Cross Section

14-Si-28
0.000 To 0.213 %



14

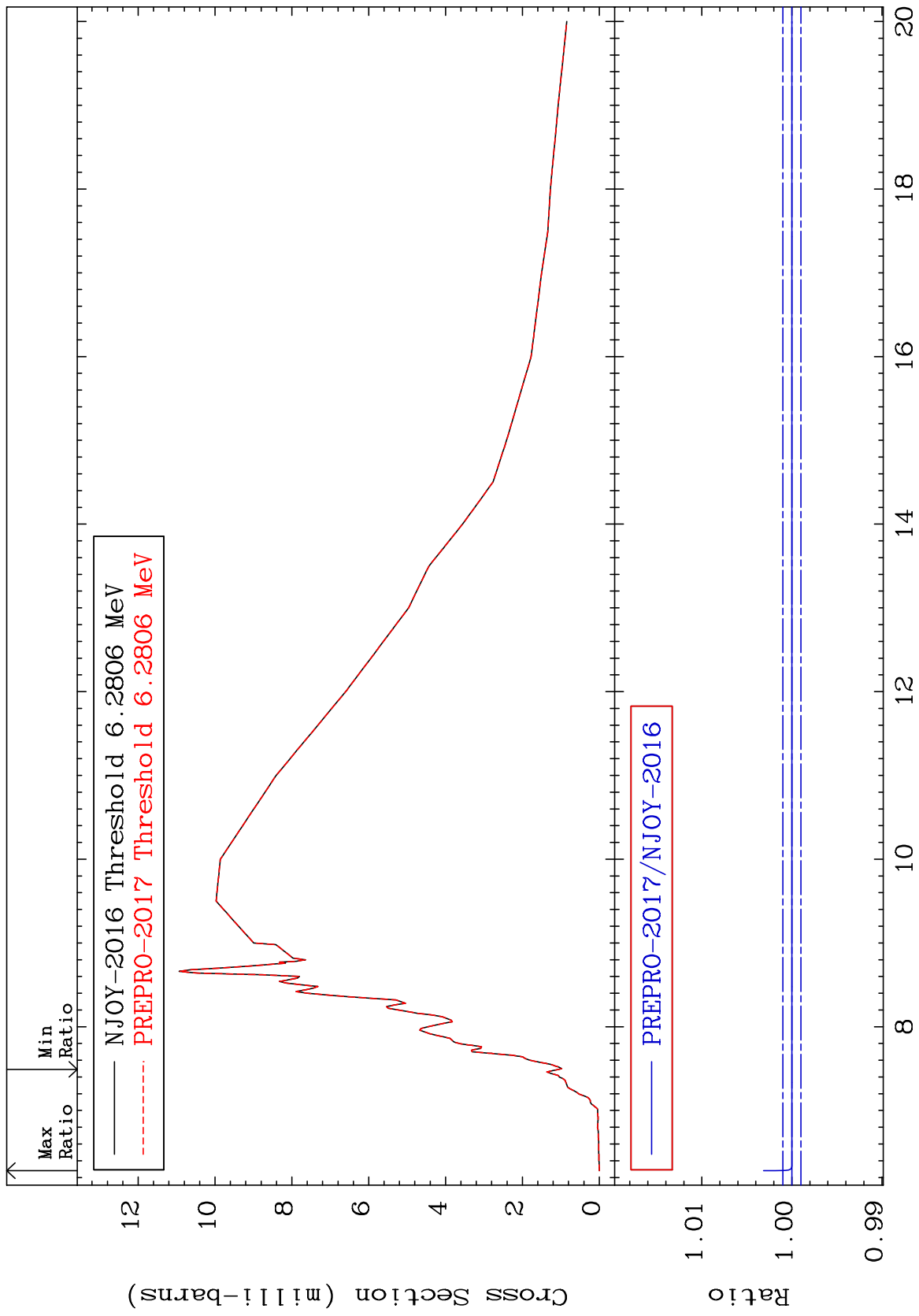
Incident Energy (MeV)

14-Si-28

MAT 1425

MT=608 (n,p') Level
Cross Section

14-Si-28
0.000 To 0.314 %



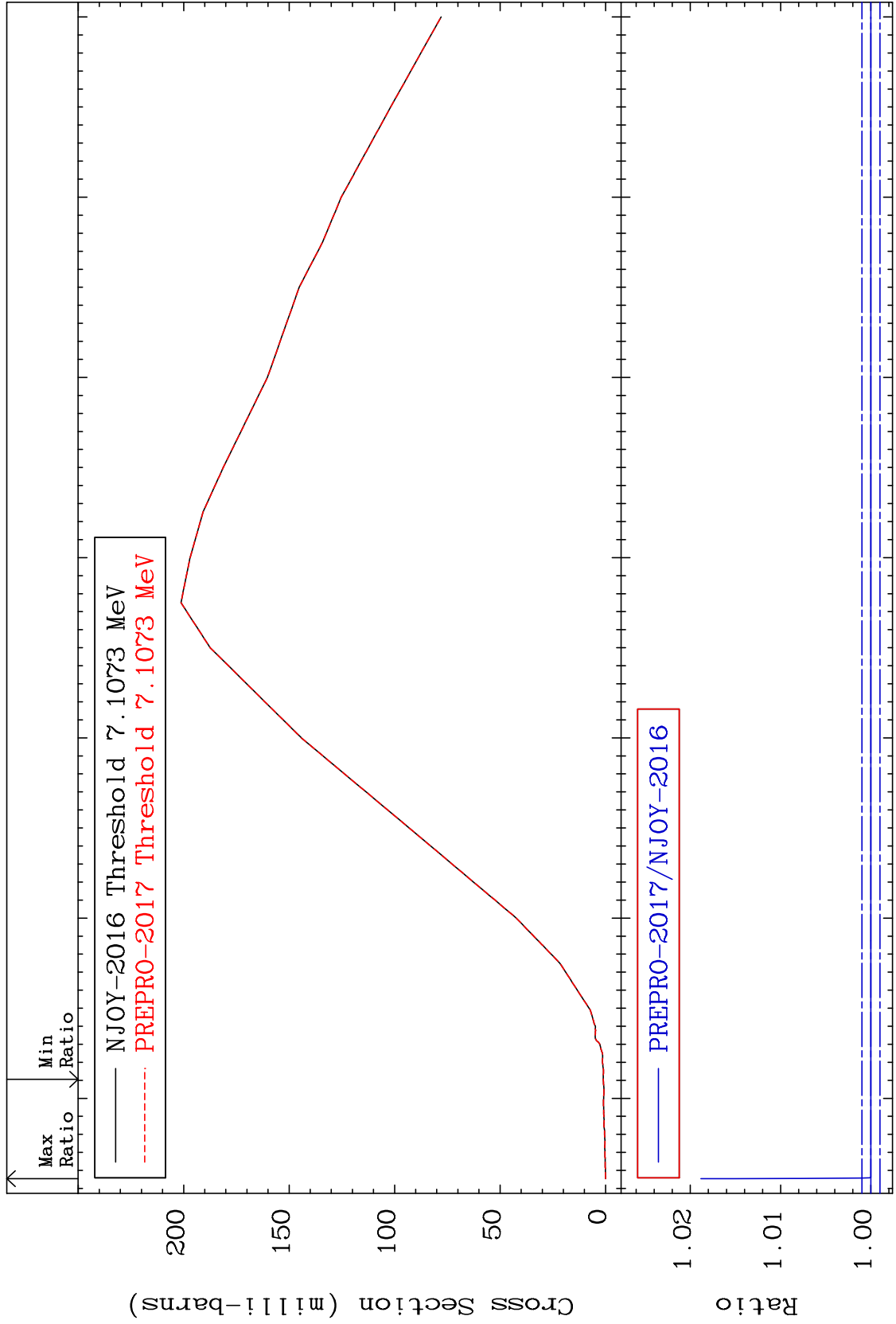
15

14-Si-28

MAT 1425

MT=649 (n,p') Level
Cross Section

14-Si-28
0.000 To 1.883 %

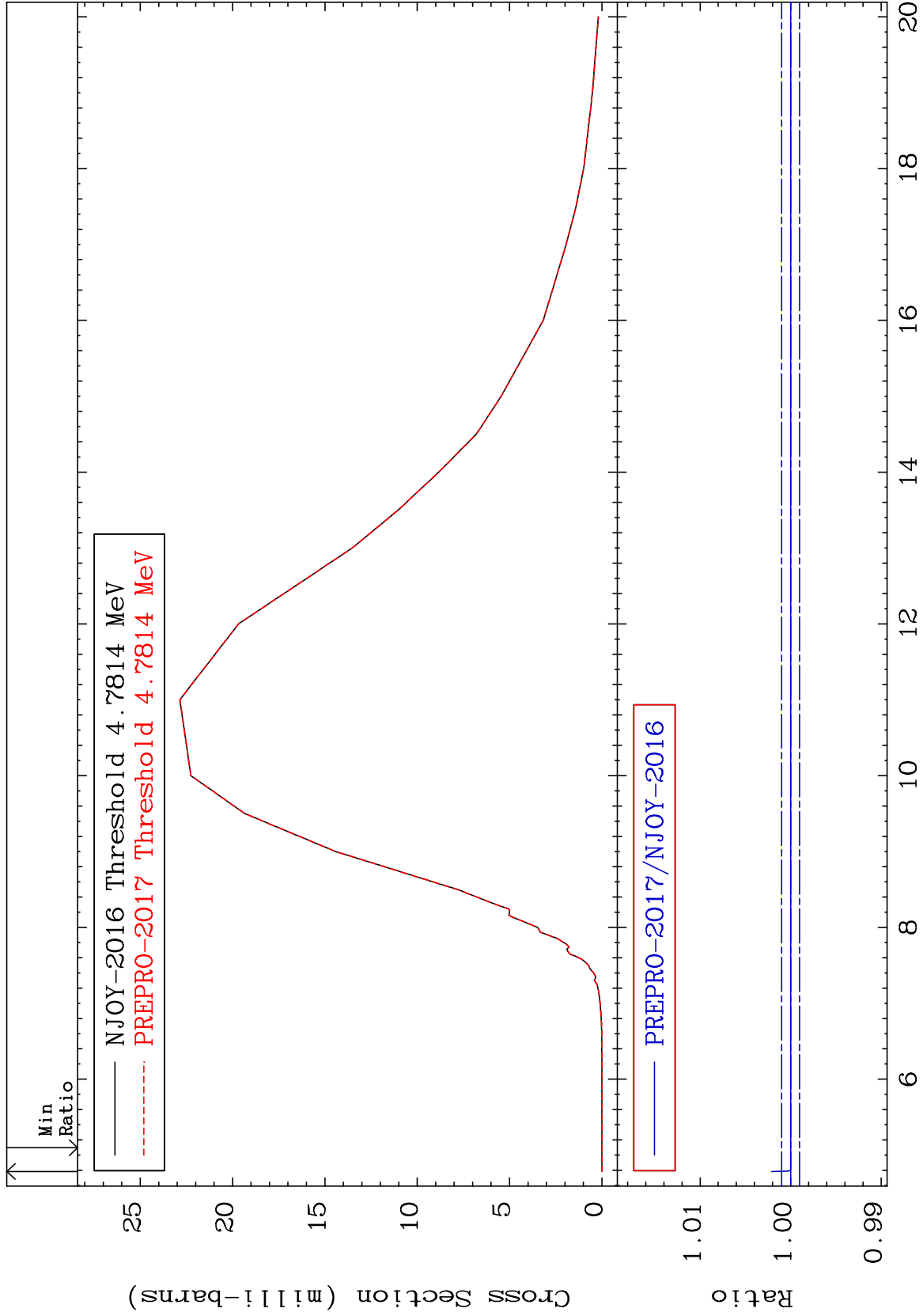


16

Incident Energy (MeV)

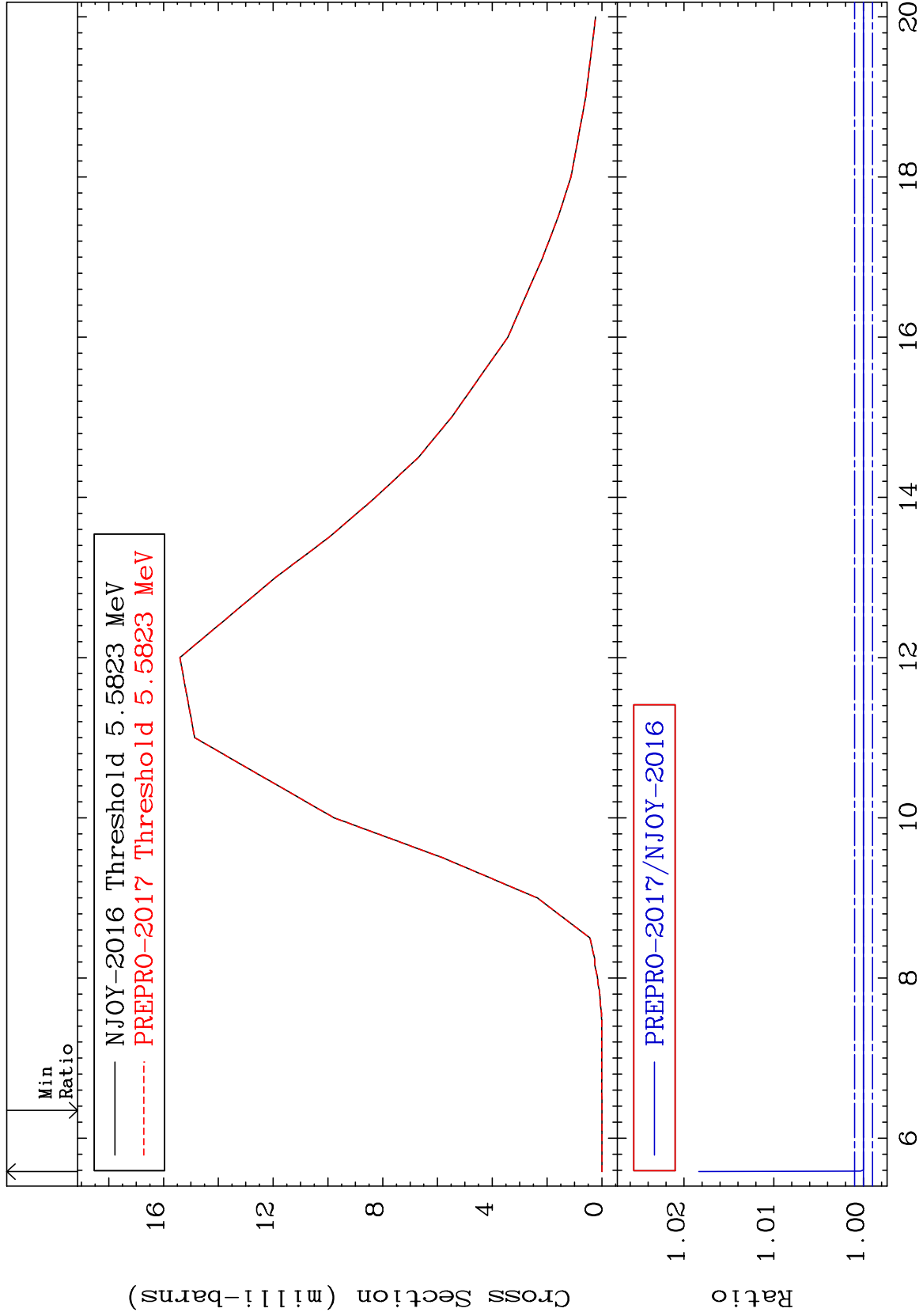
14-Si-28

MAT 1425 MT=804 (n,α') Level Cross Section 14-Si-28
 0.000 To 0.210 %



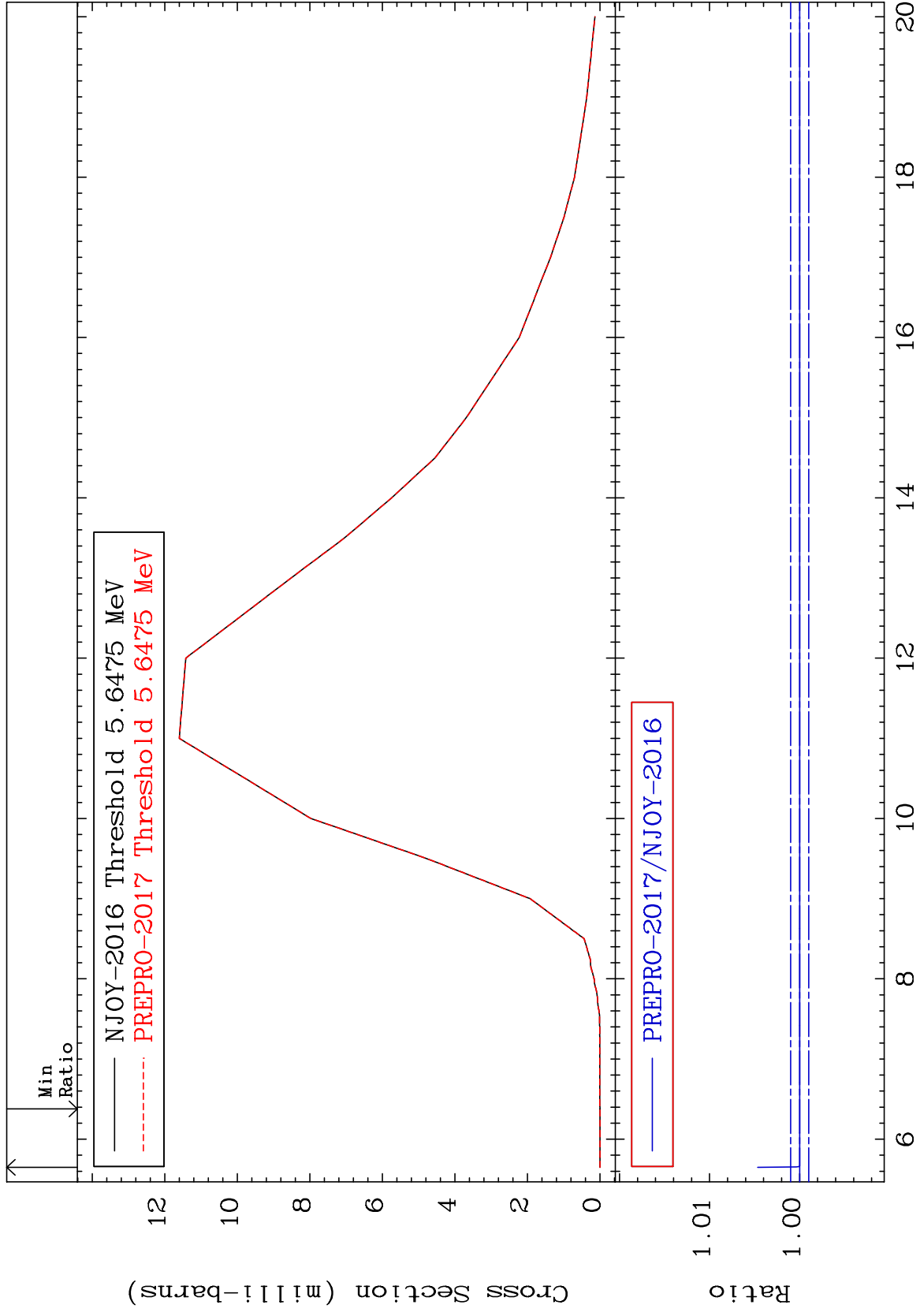
17 14-Si-28 Incident Energy (MeV)

MAT 1425 MT=806 (n,α') Level Cross Section 14-Si-28 To 1.837 %



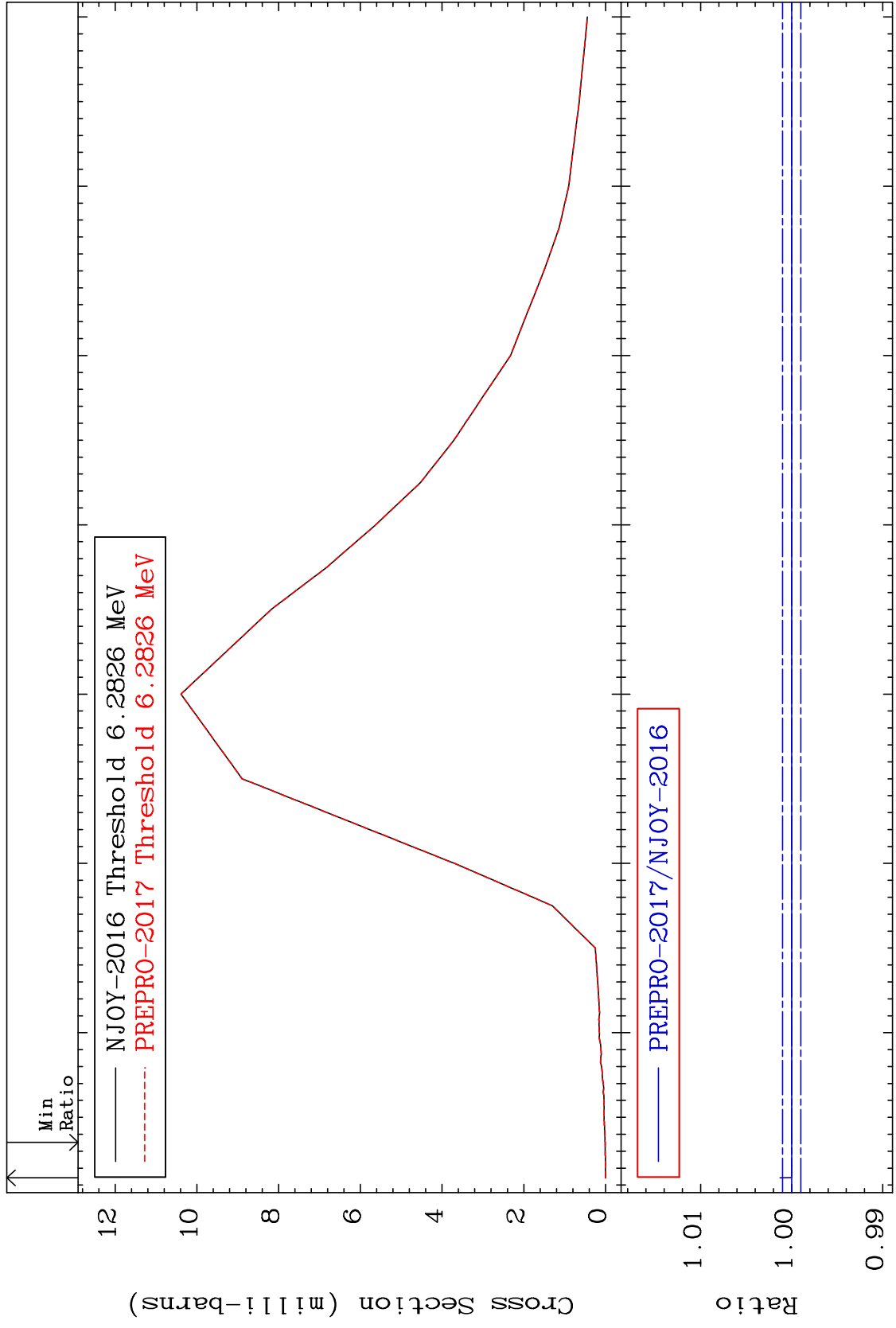
18 18 Incident Energy (MeV) 14-Si-28

MAT 1425 MT=807 (n,α') Level Cross Section 14-Si-28
 0.000 To 0.467 %



19 14-Si-28

MAT 1425 MT=809 (n, α') Level Cross Section 14-Si-28 To 0.127 %

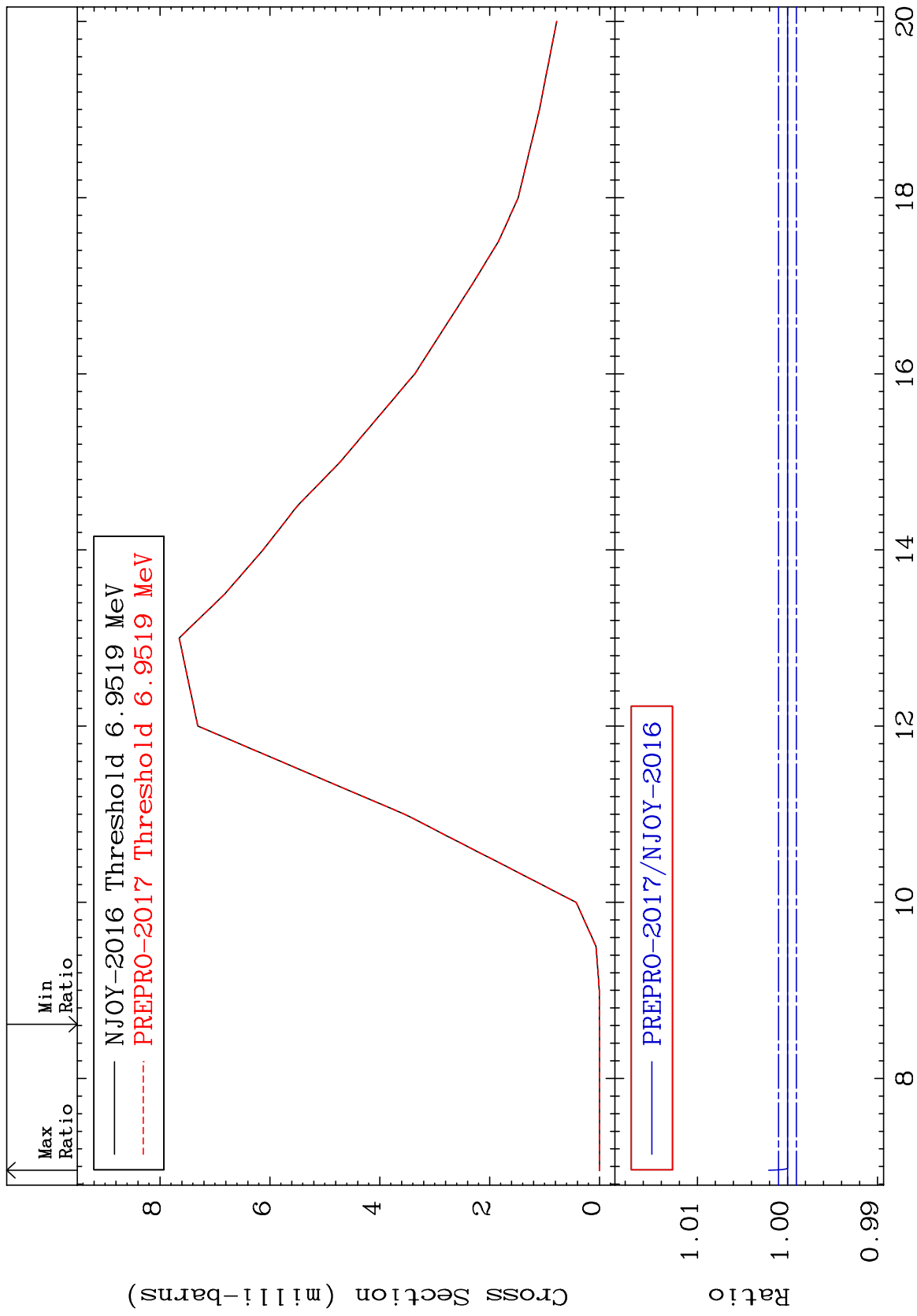


20 Incident Energy (MeV) 14-Si-28

MAT 1425

MT=812 (n, α') Level
Cross Section

14-Si-28
0.000 To 0.210 %



21

Incident Energy (MeV)

14-Si-28

MAT 1425 MT=813 (n,α') Level Cross Section 14-Si-28 To 0.626 %

