

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

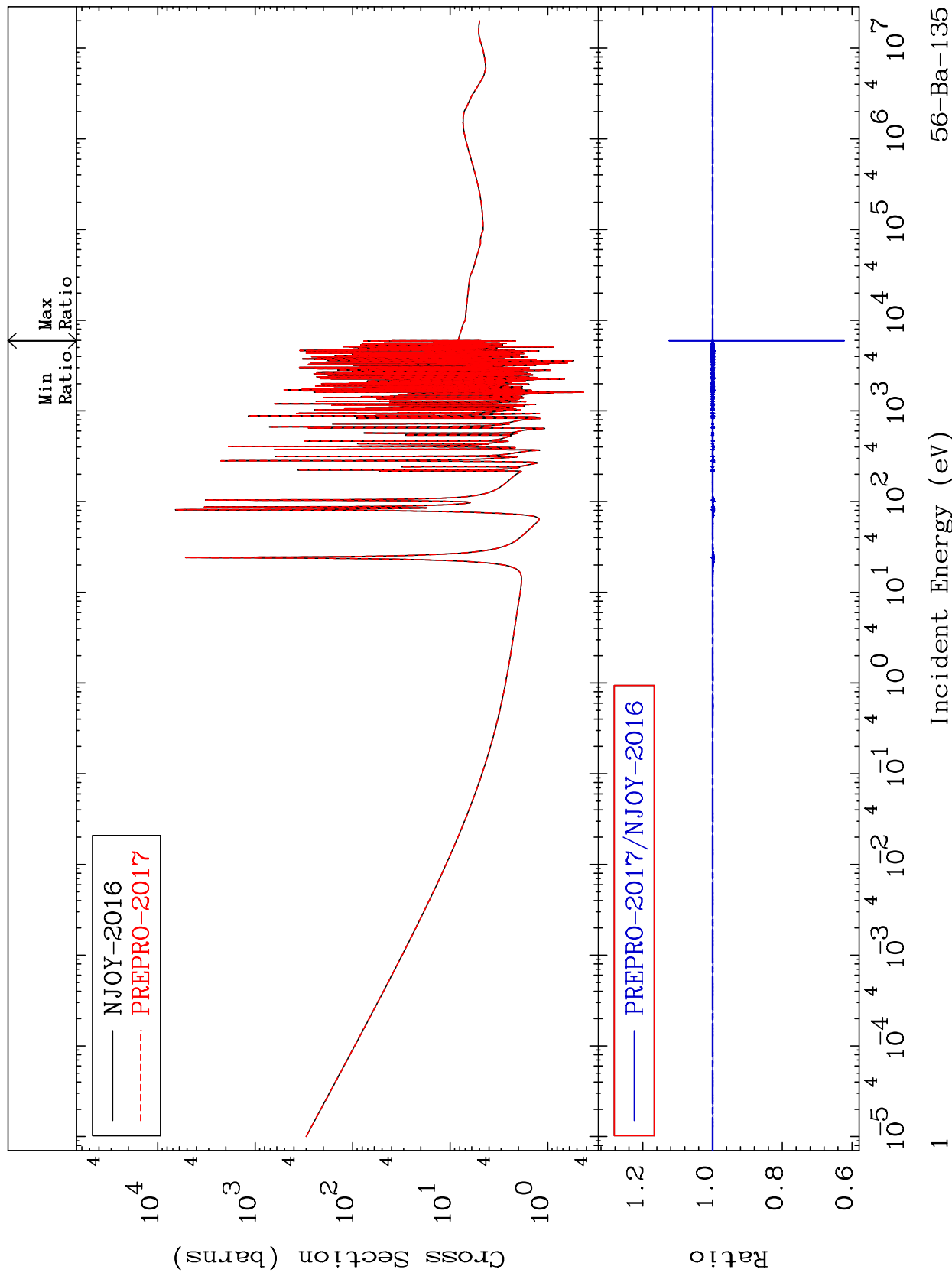
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5640

Total
Cross Section

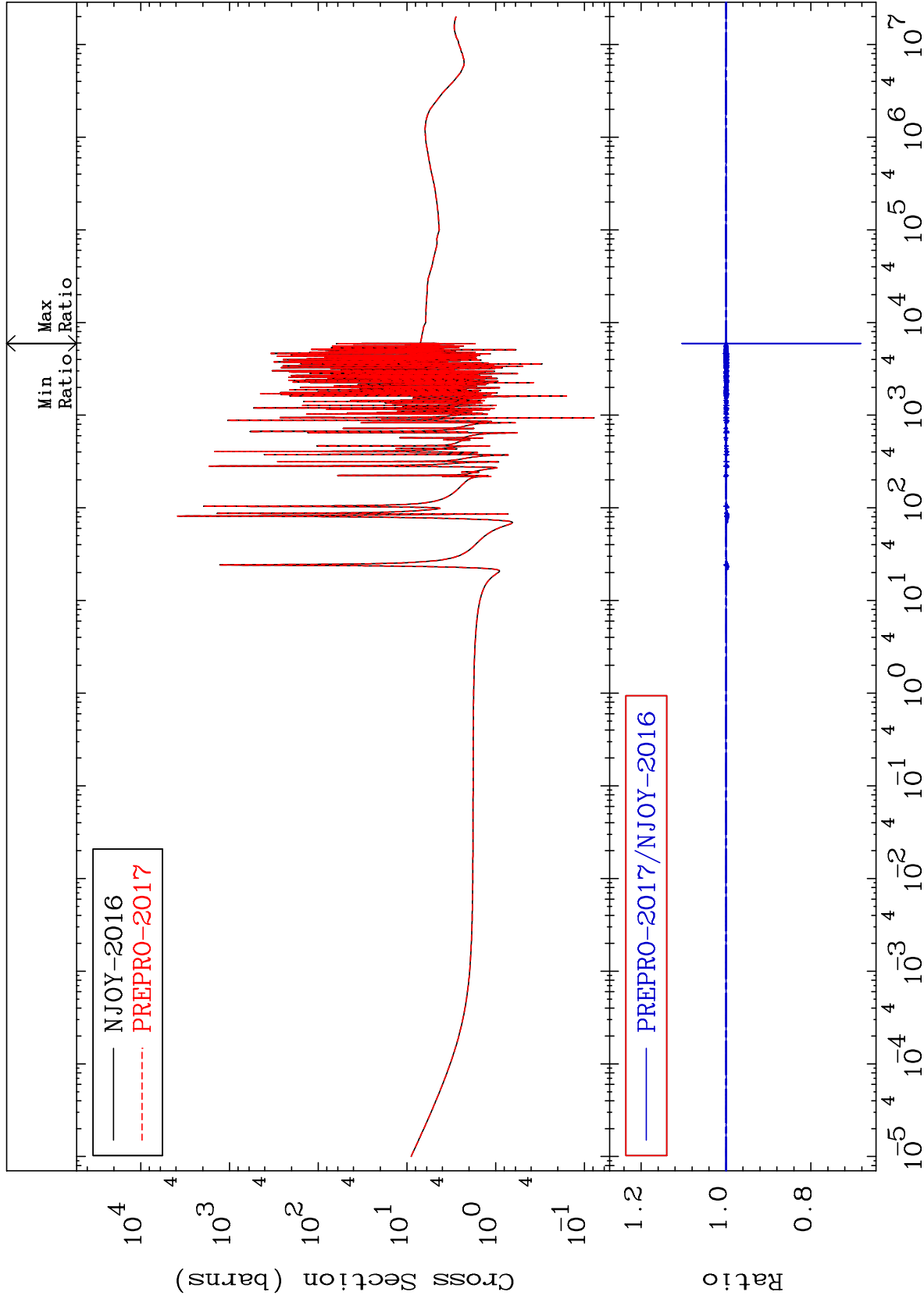
56-Ba-135
-37.79 To 12.47 %



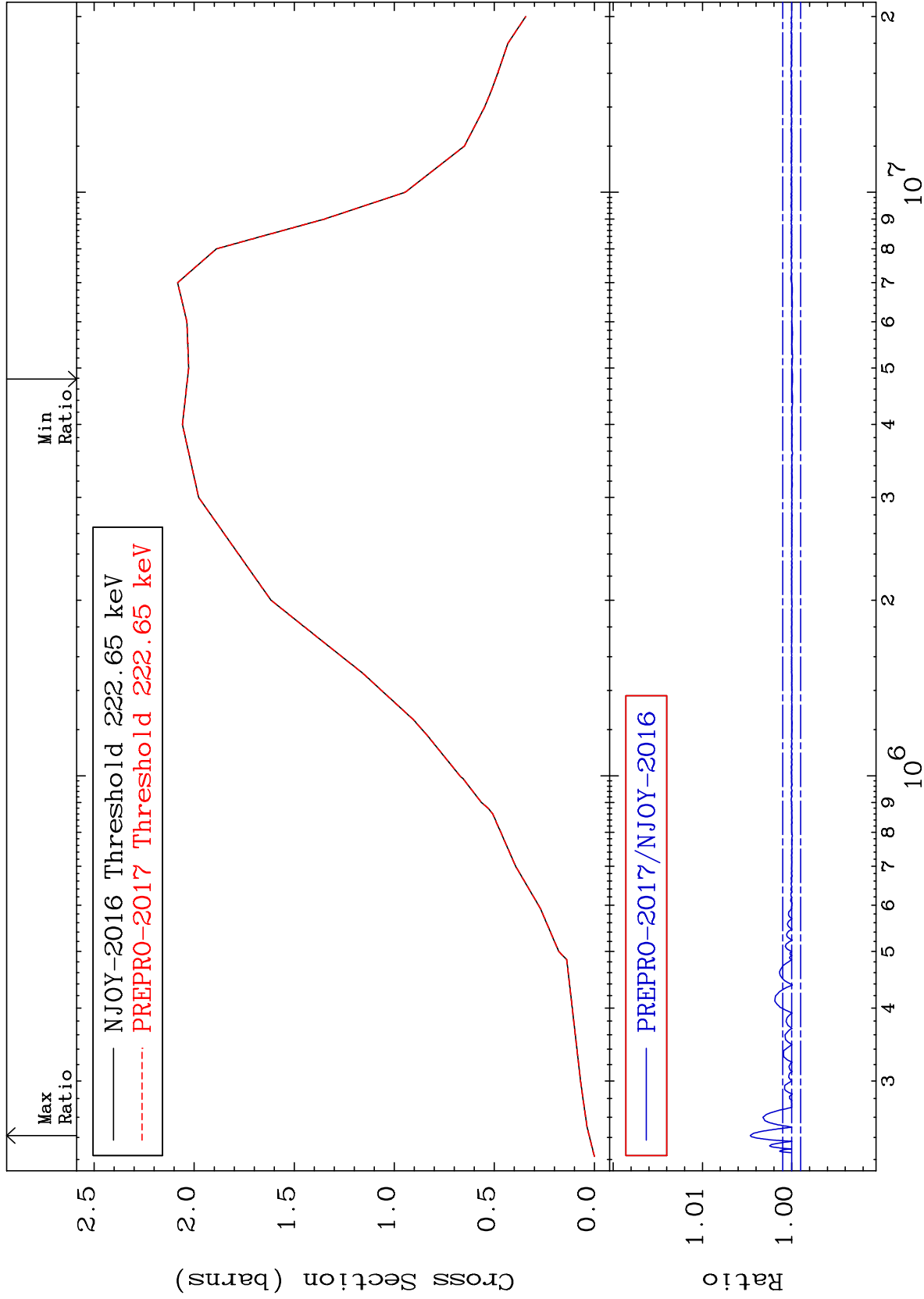
MAT 5640

Elastic
Cross Section

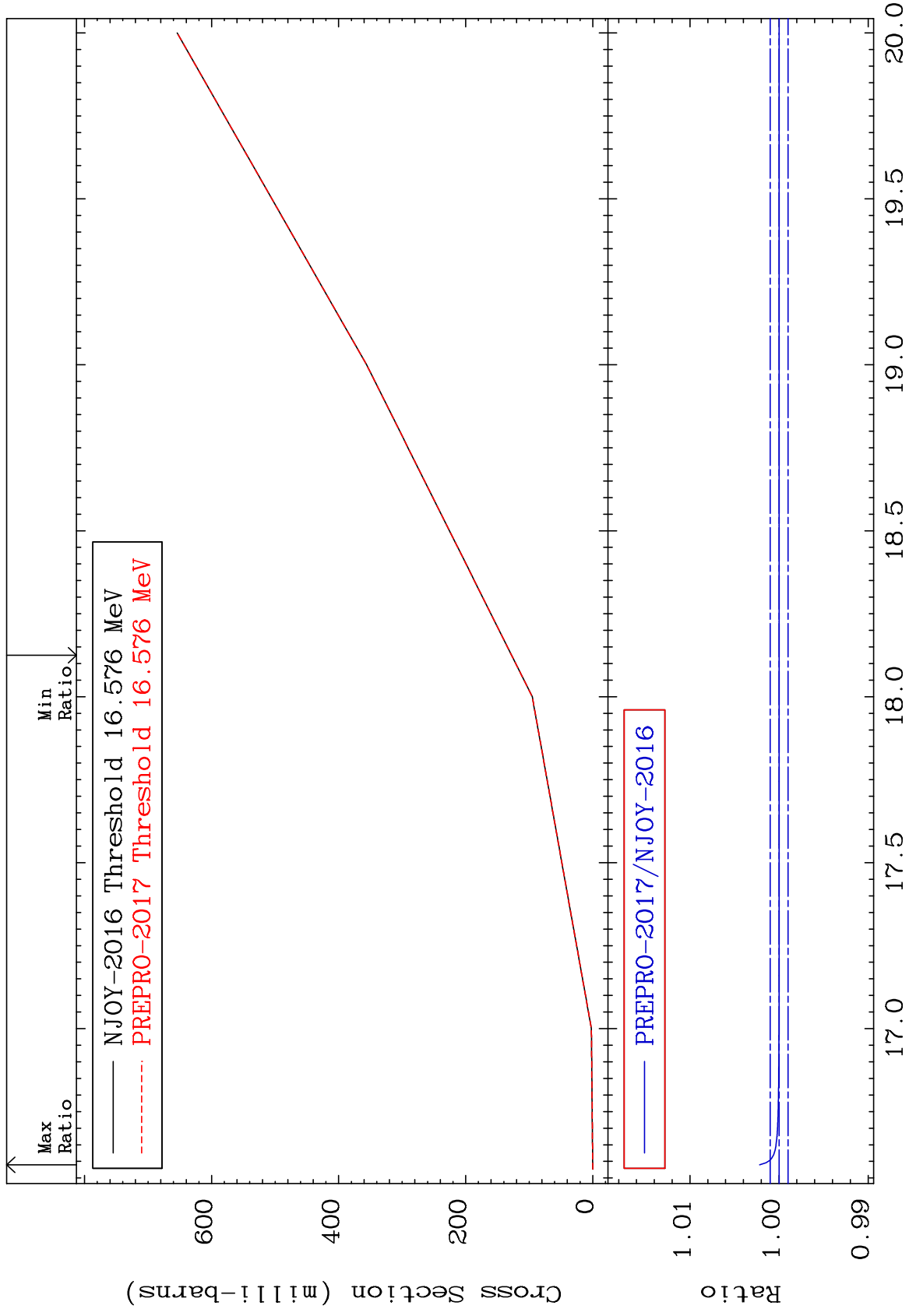
56-Ba-135
-31.76 To 10.37 %



MAT 5640 Inelastic Cross Section 56-Ba-135 -0.009 To 0.465 %



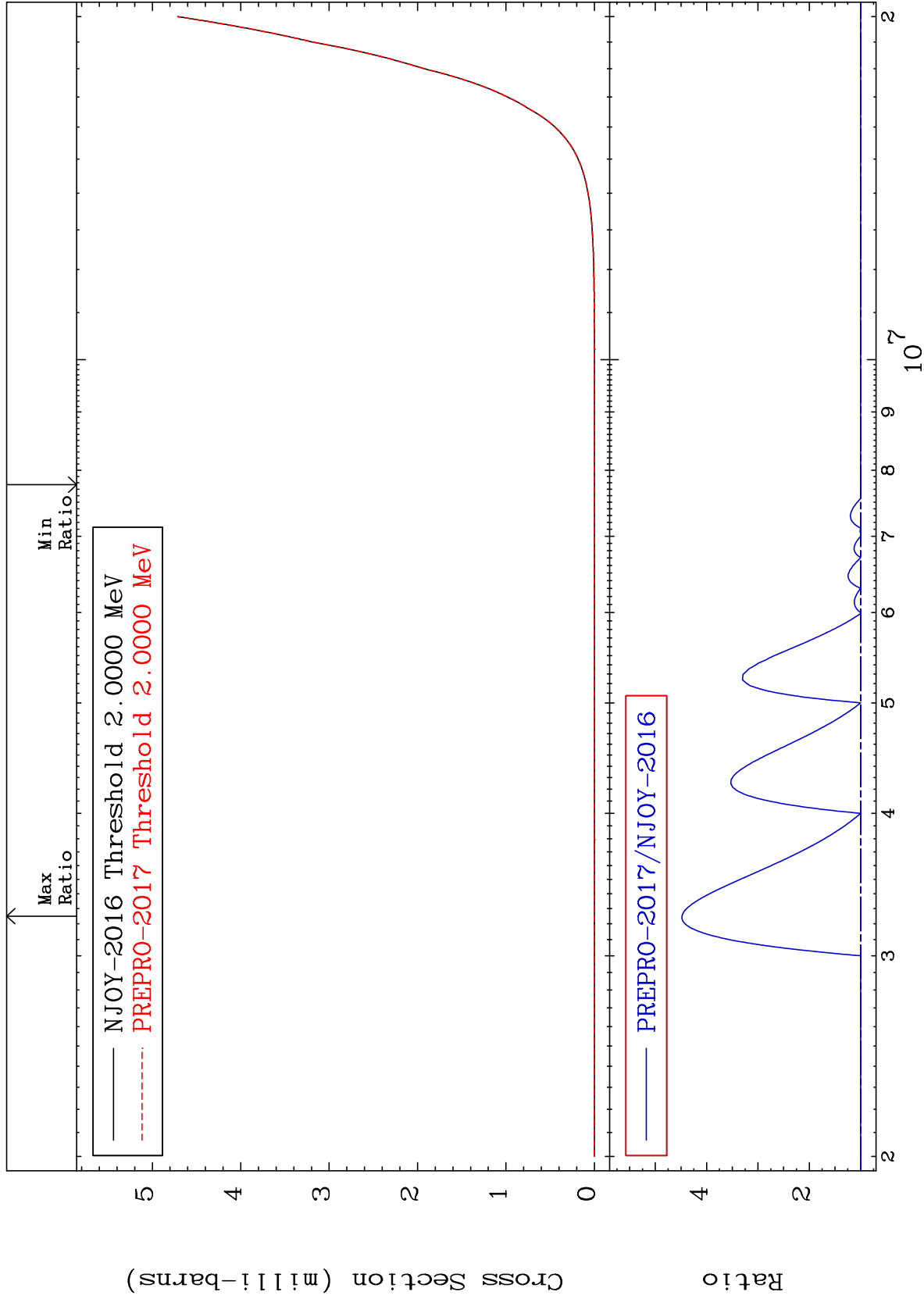
MAT 5640 (n,3n) Cross Section 56-Ba-135 To 0.219 %



MAT 5640

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

56-Ba-135
-0.412 To 348.1 %



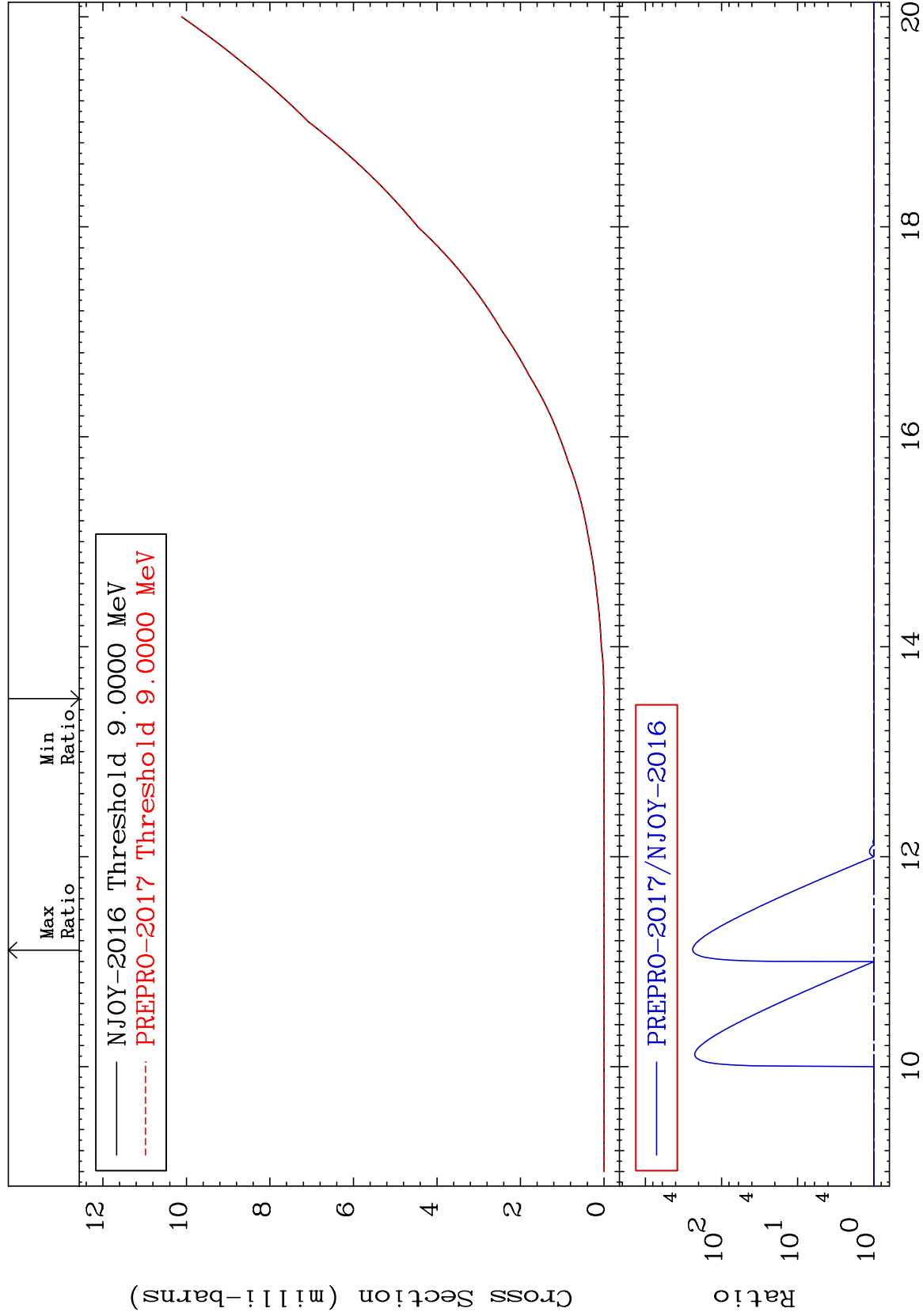
5

56-Ba-135

MAT 5640

(n, n') p
Cross Section

56-Ba-135
-0.470 To 9999. %



6

Incident Energy (MeV)

56-Ba-135

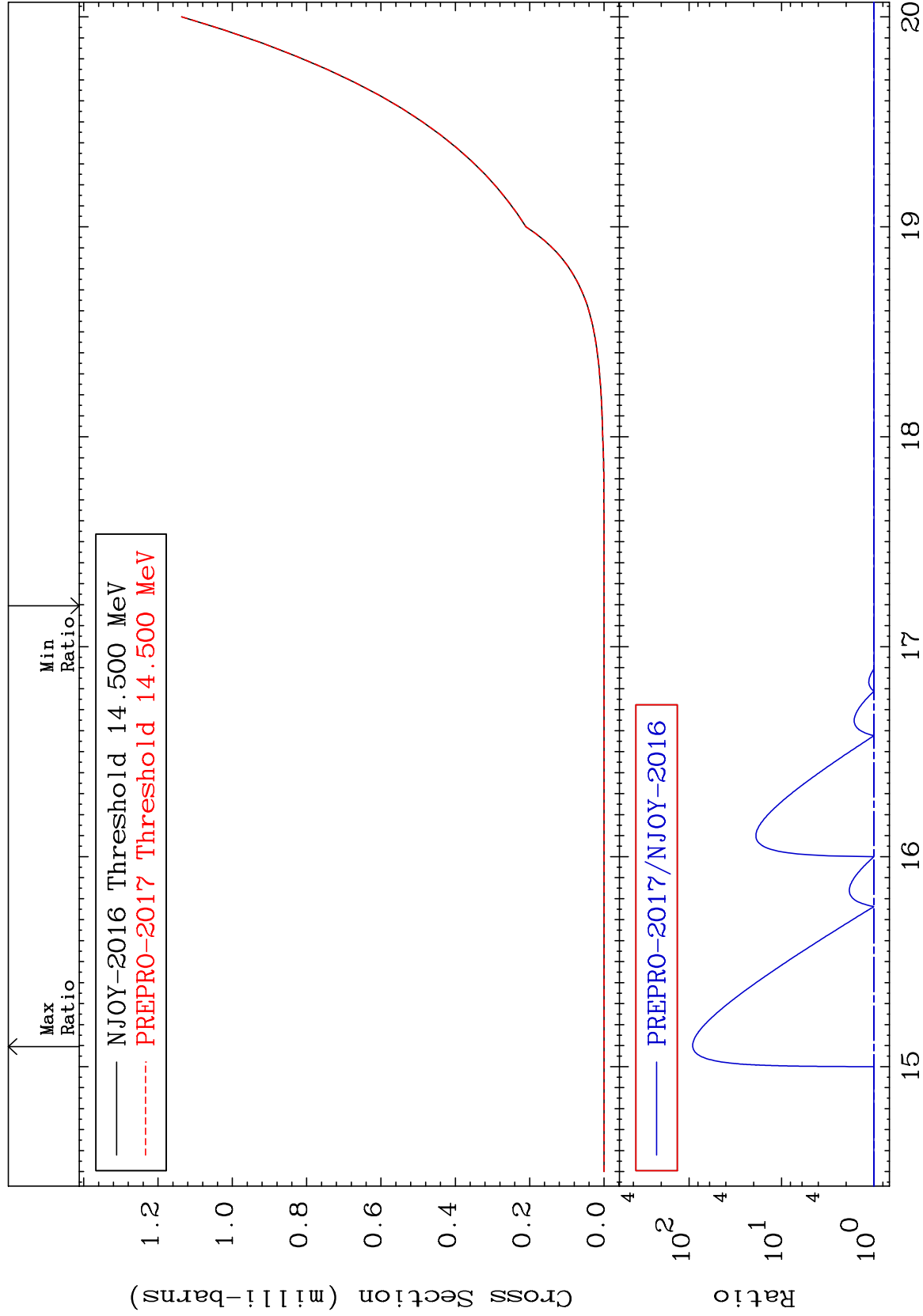
MAT 5640

(n, n') d

56-Ba-135

Cross Section

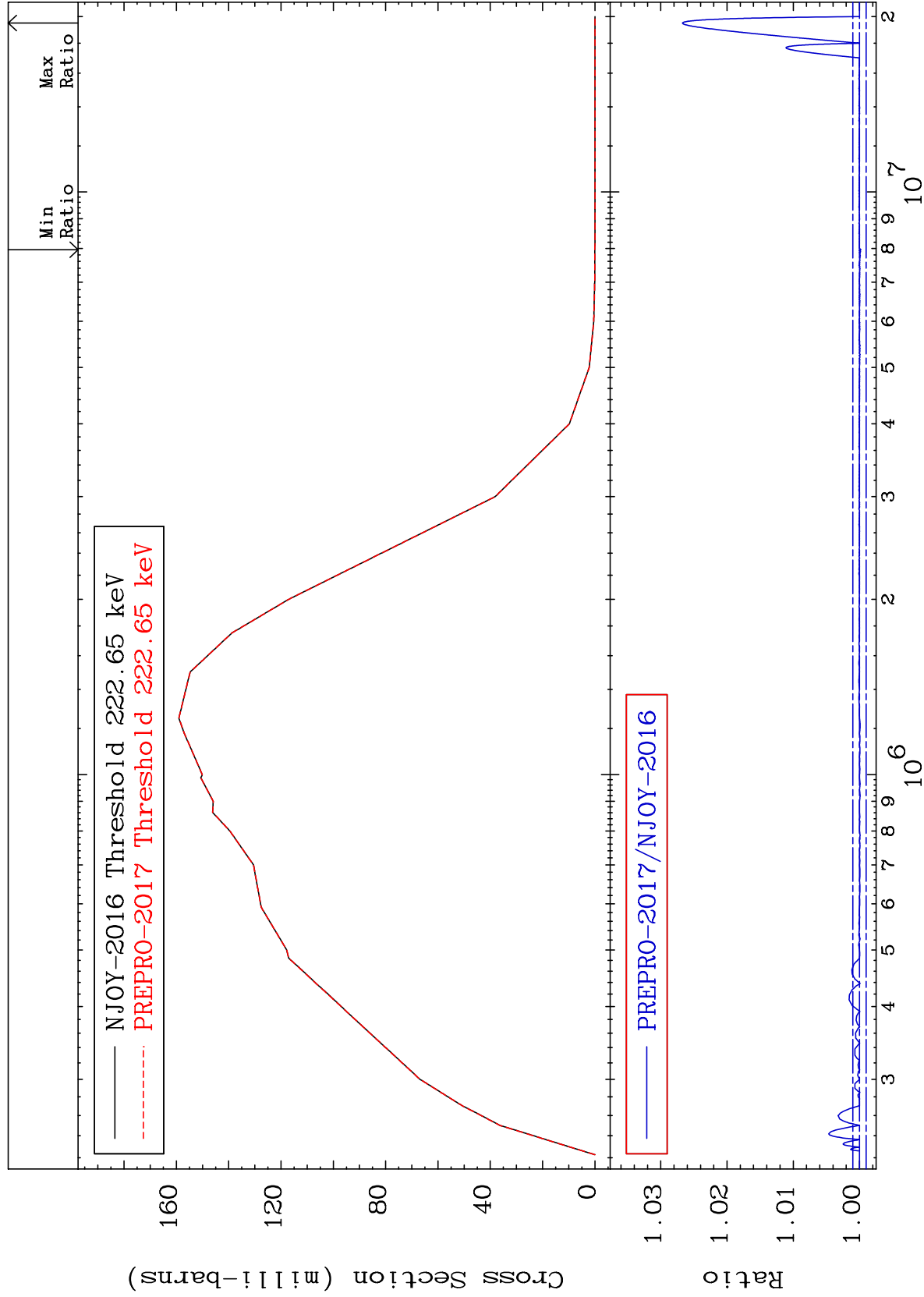
-0.286 To 9032. %



MAT 5640

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

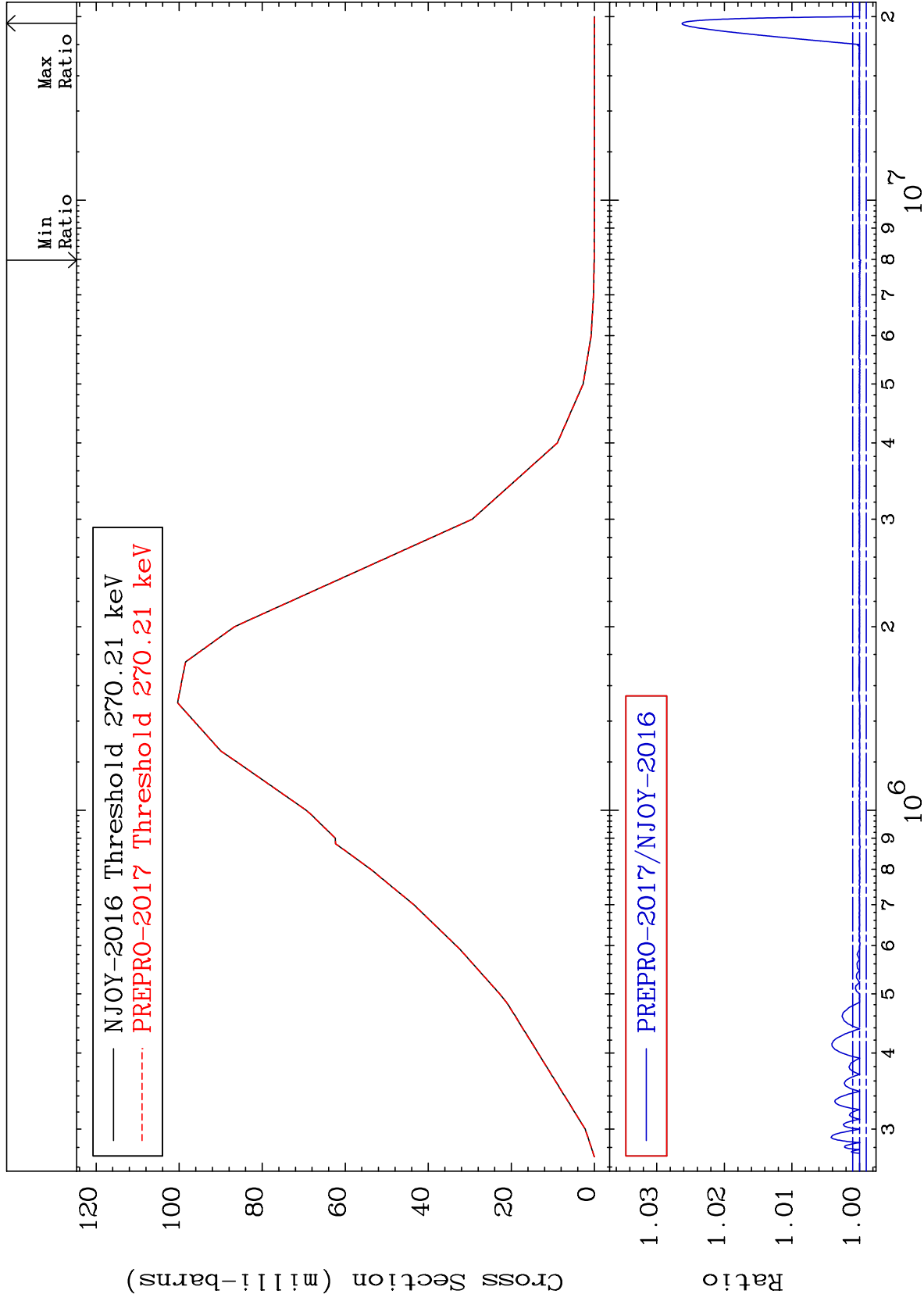
56-Ba-135
-0.022 To 2.674 %



MAT 5640

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

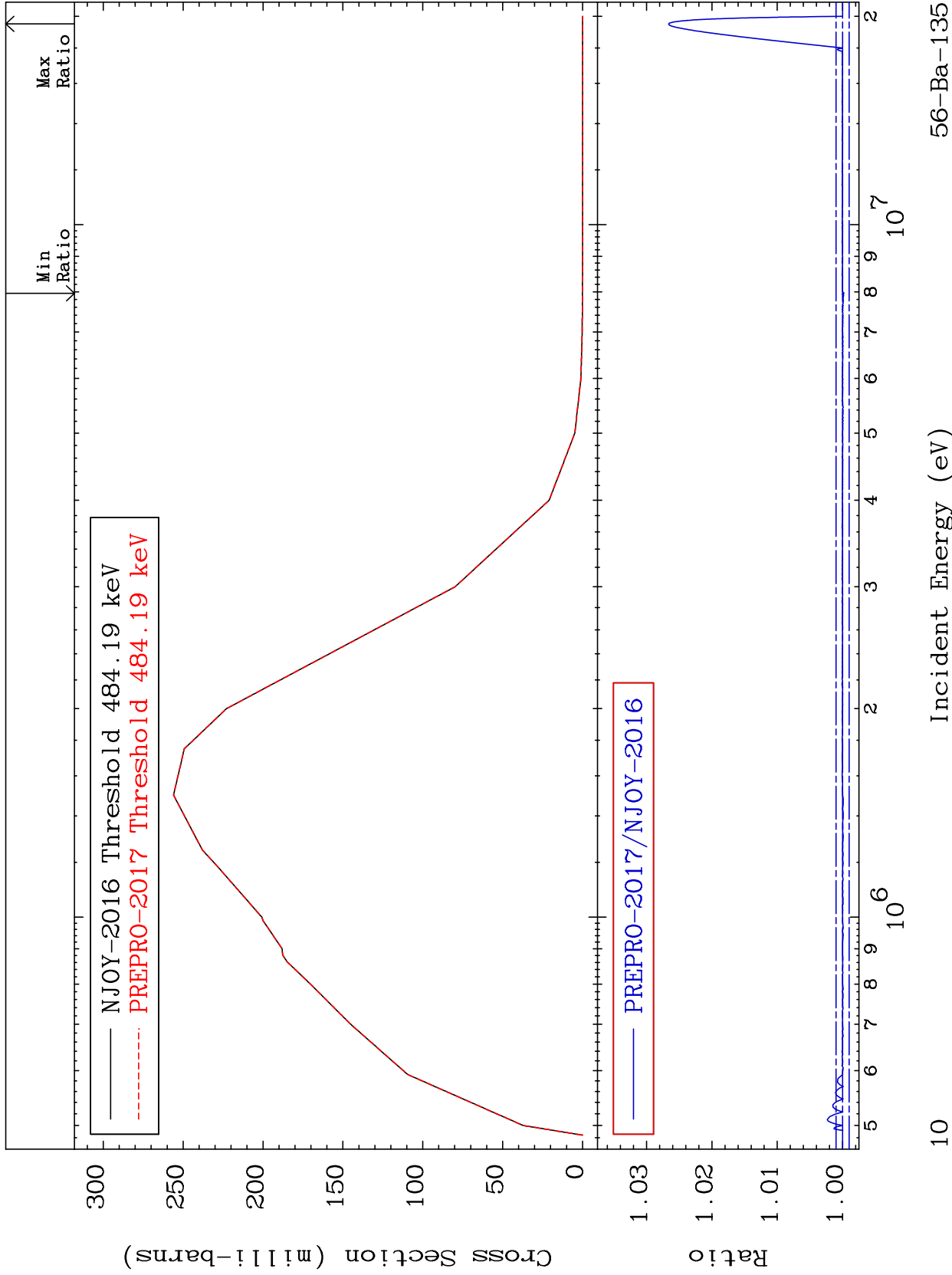
56-Ba-135
-0.020 To 2.628 %



MAT 5640

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

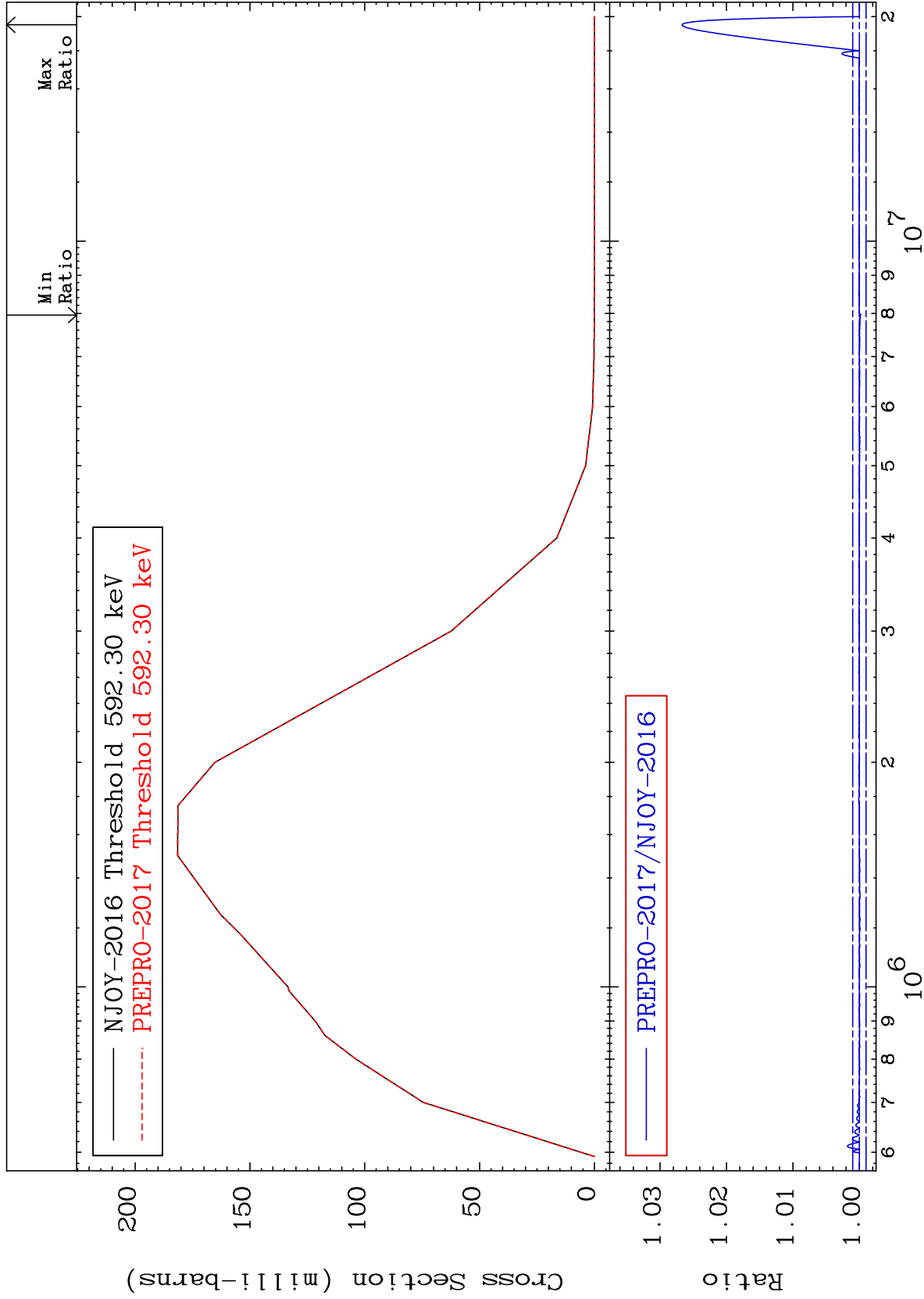
56-Ba-135
-0.021 To 2.664 %



MAT 5640

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

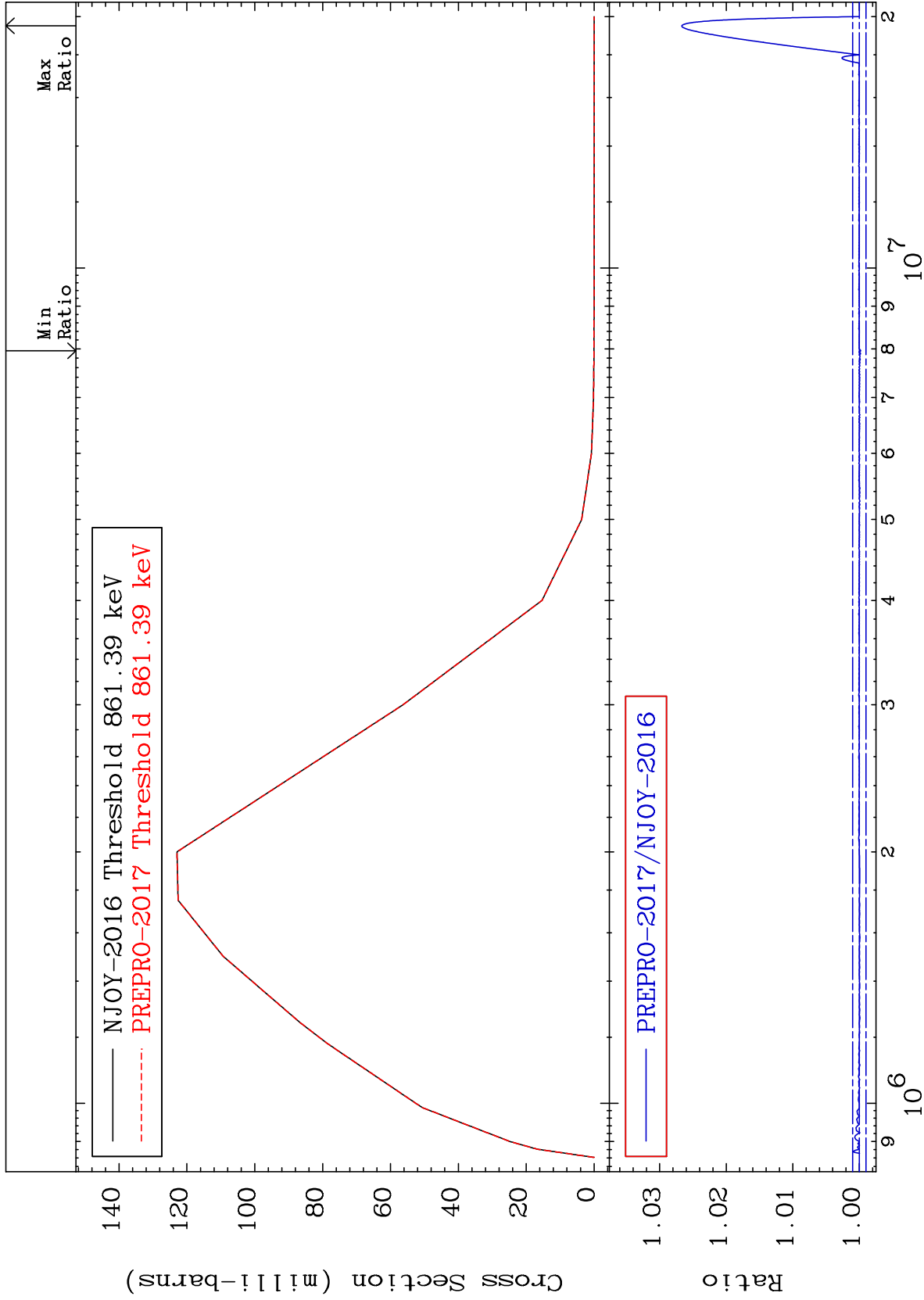
56-Ba-135
-0.021 To 2.670 %



MAT 5640

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

56-Ba-135
-0.021 To 2.669 %



12

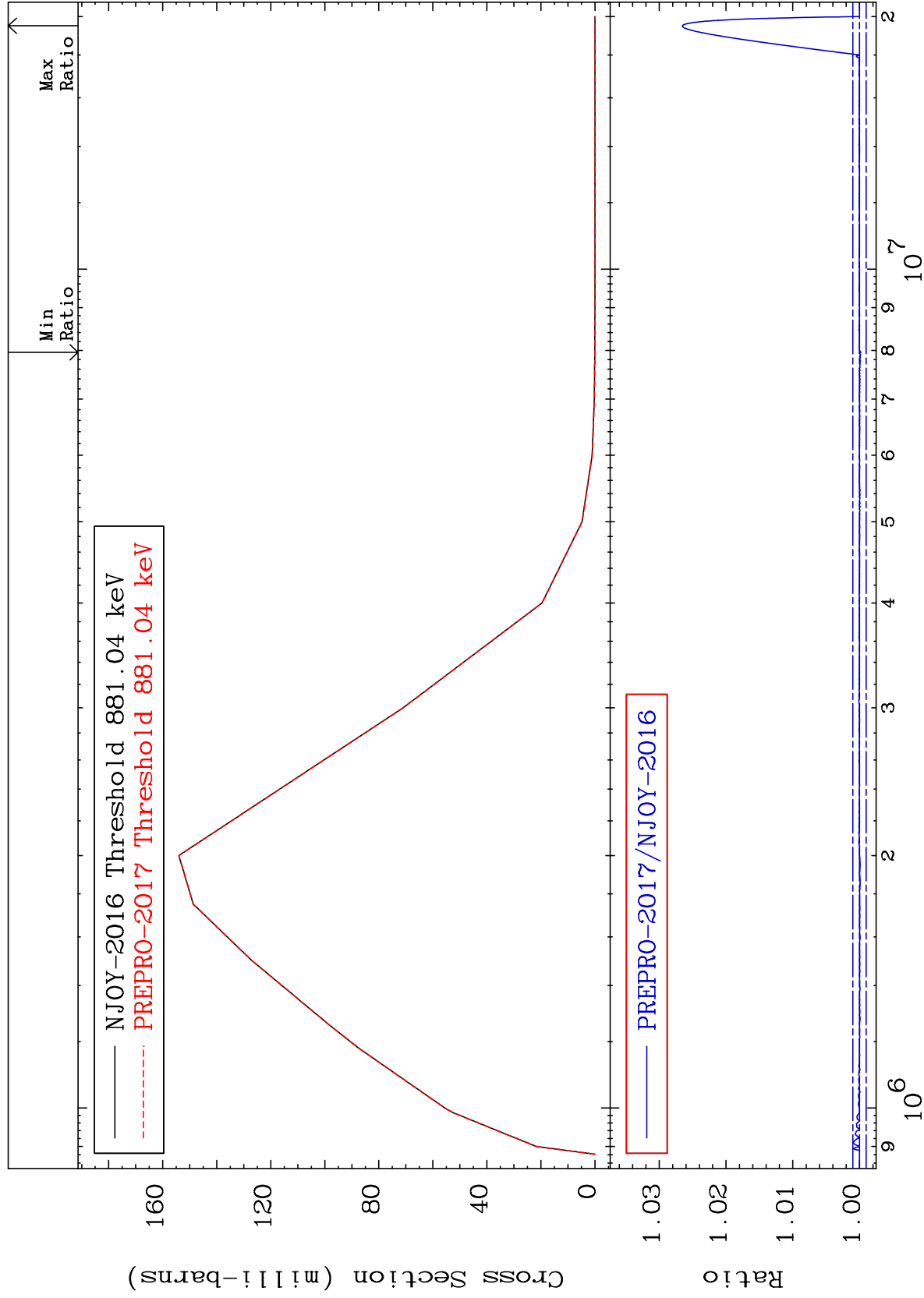
Incident Energy (eV)

56-Ba-135

MAT 5640

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

56-Ba-135
-0.021 To 2.655 %



13

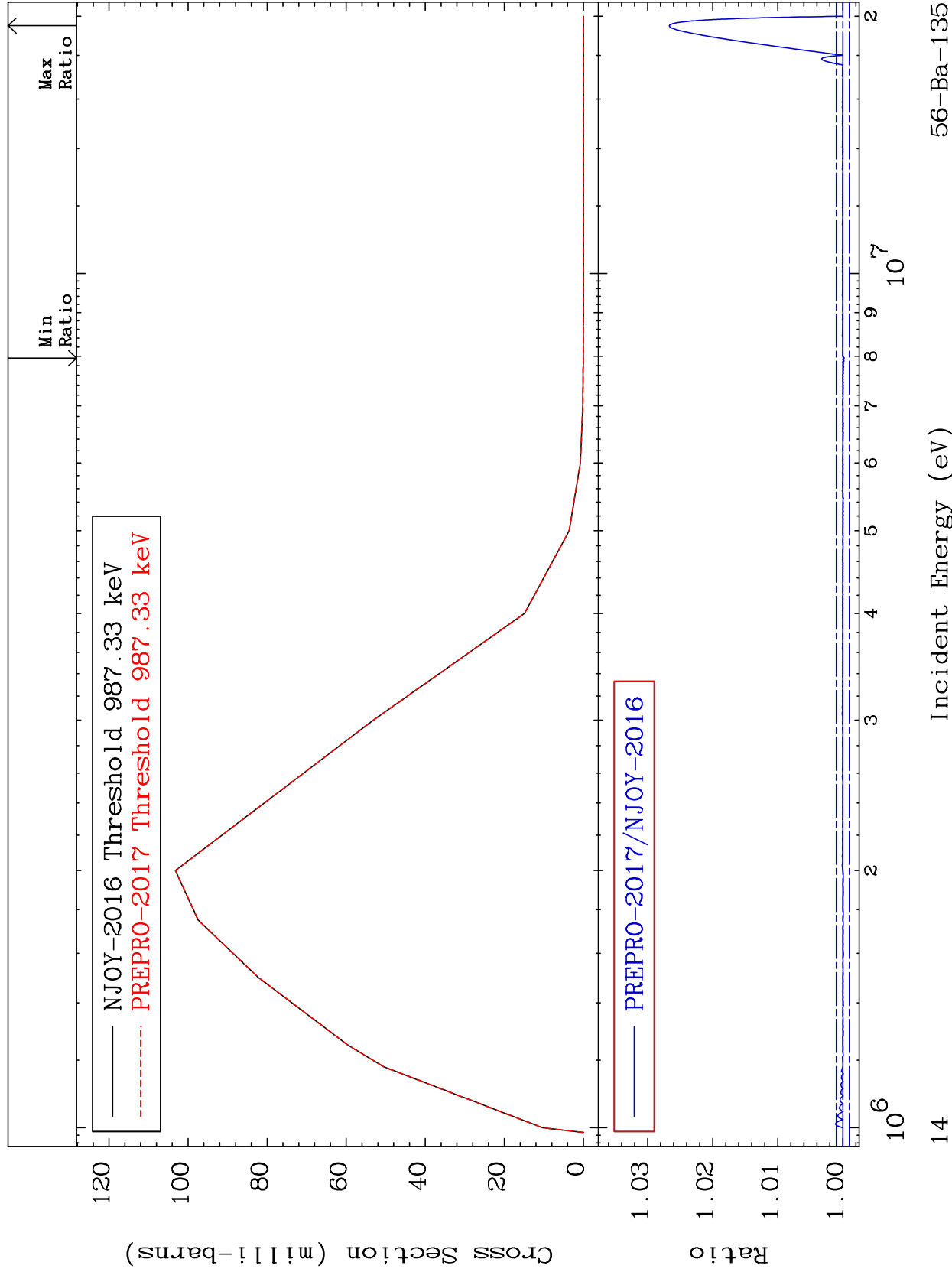
Incident Energy (eV)

56-Ba-135

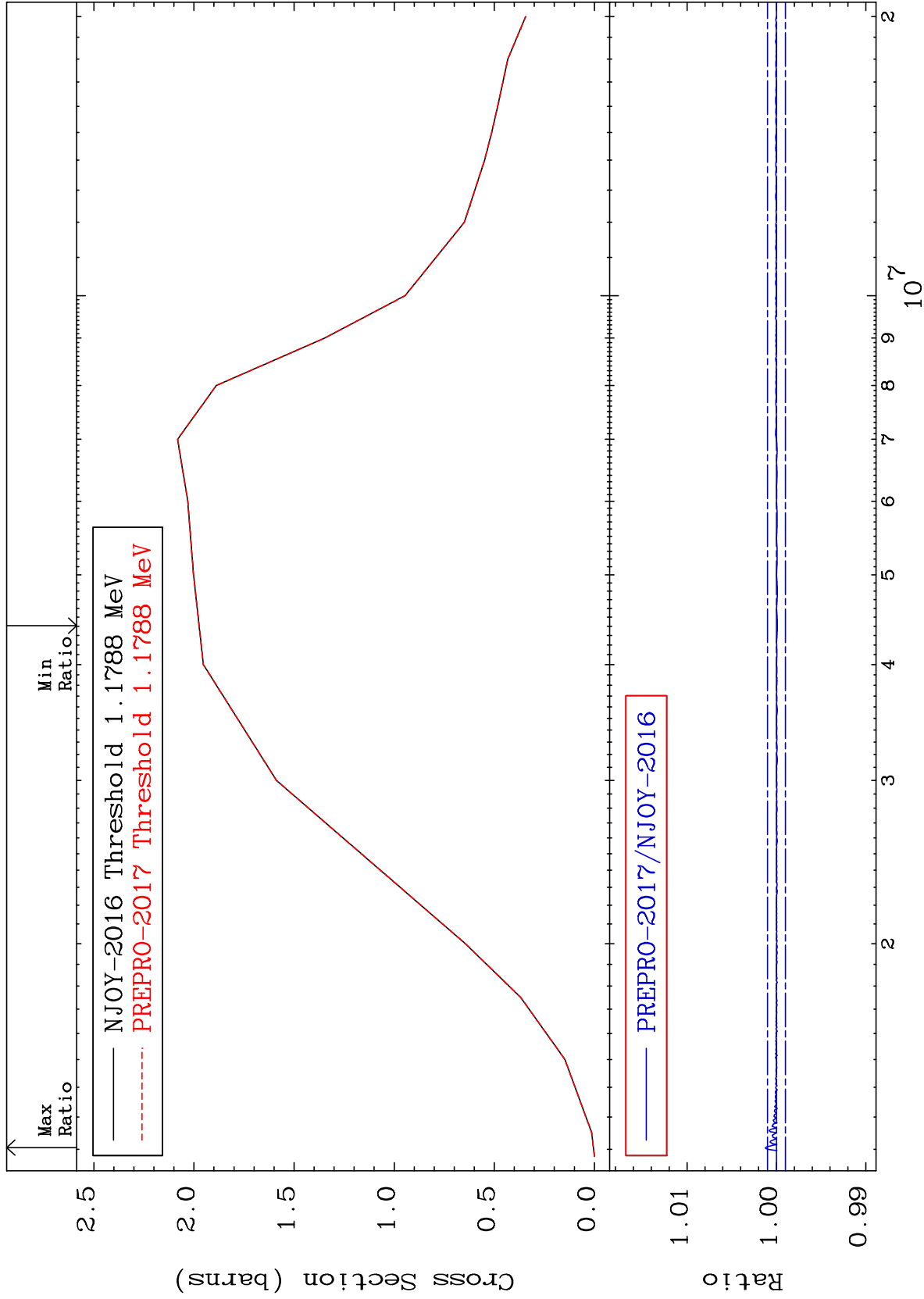
MAT 5640

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

56-Ba-135
-0.021 To 2.669 %



MAT 5640 (n, n') Continuum Cross Section 56-Ba-135 -0.010 To 0.123 %



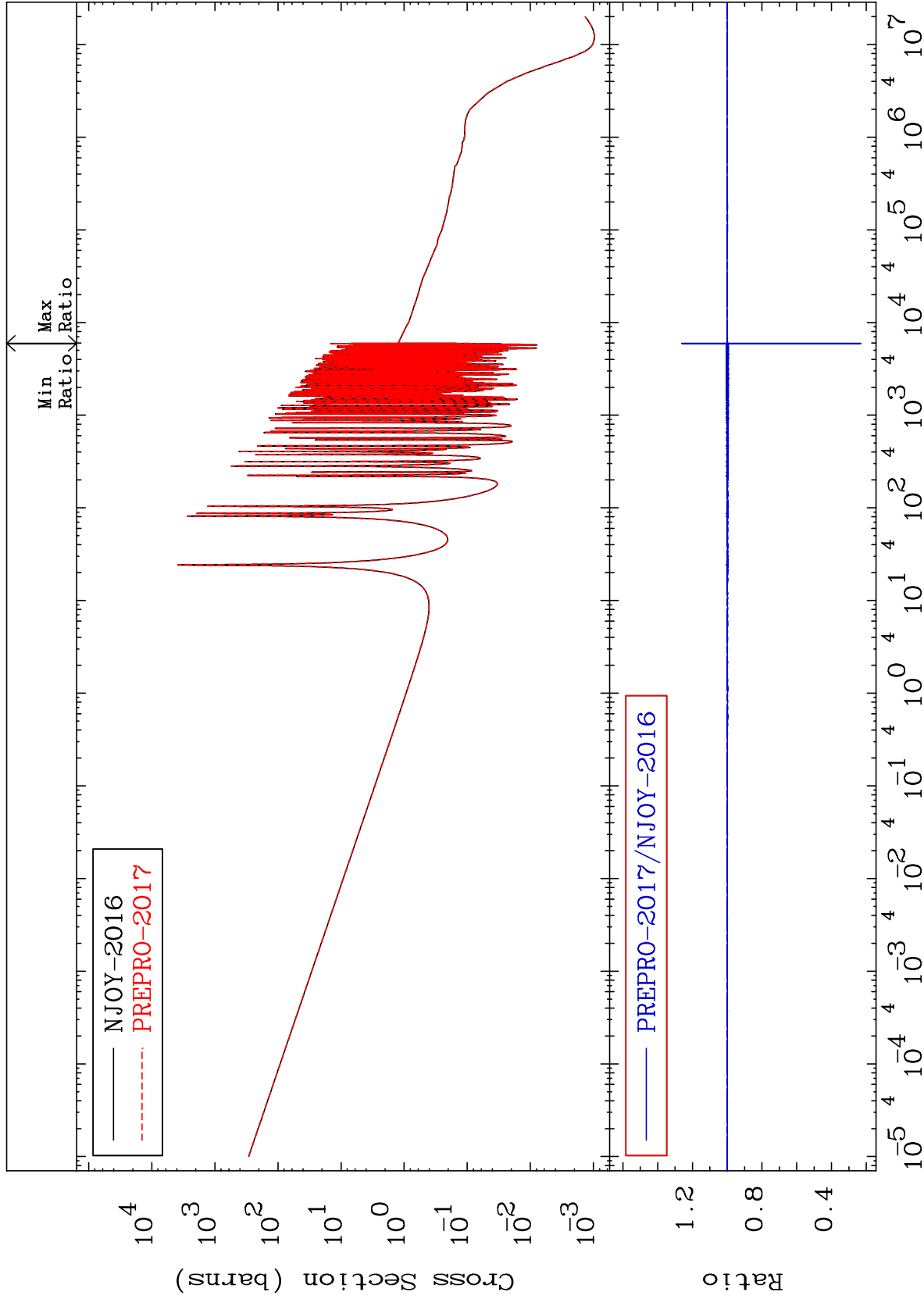
MAT 5640

(n, γ)

56-Ba-135

Cross Section

-76.86 To 26.03 %



16

Incident Energy (eV)

56-Ba-135

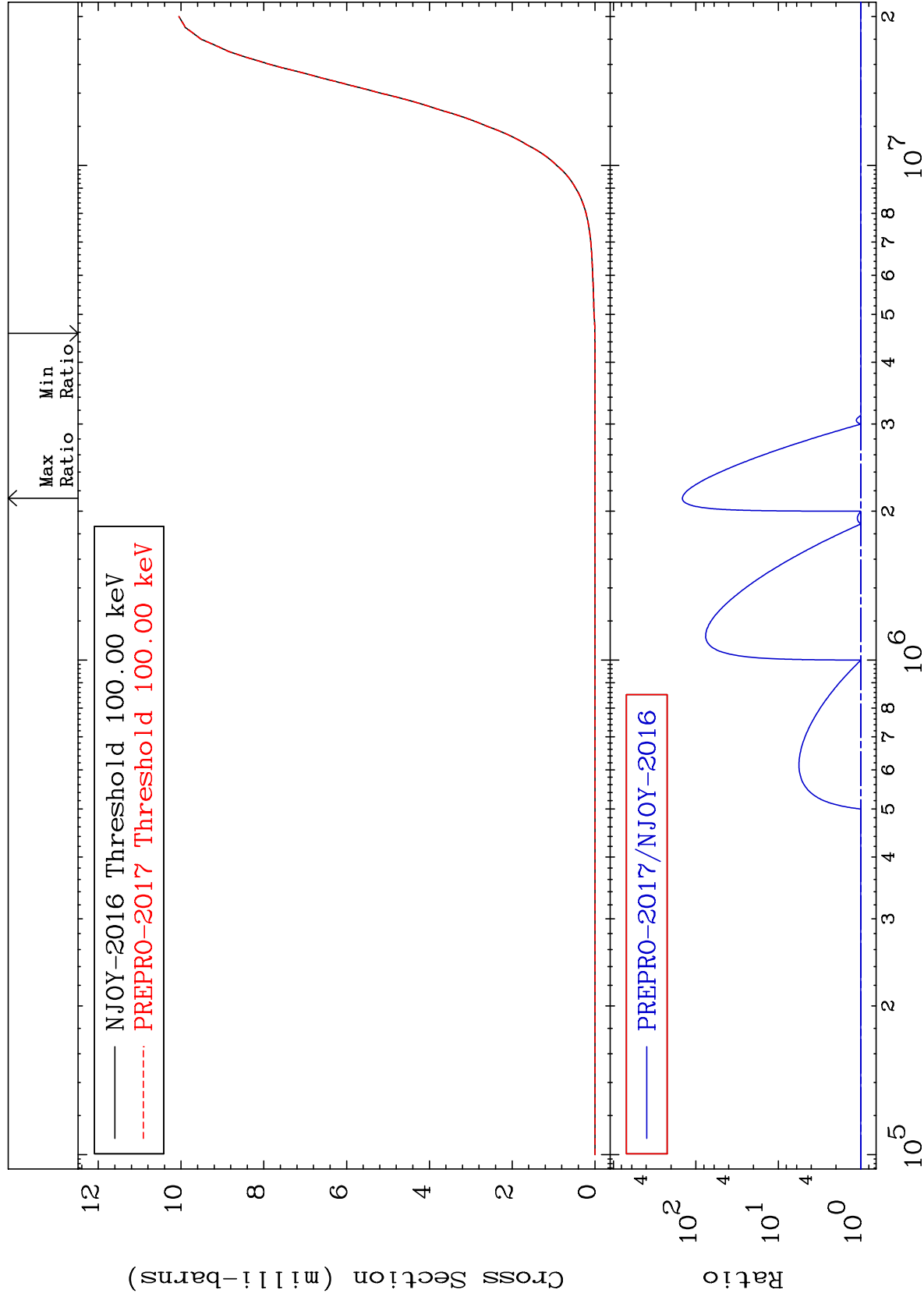
MAT 5640

(n,p)

56-Ba-135

Cross Section

-0.343 To 9999. %



17

Incident Energy (eV)

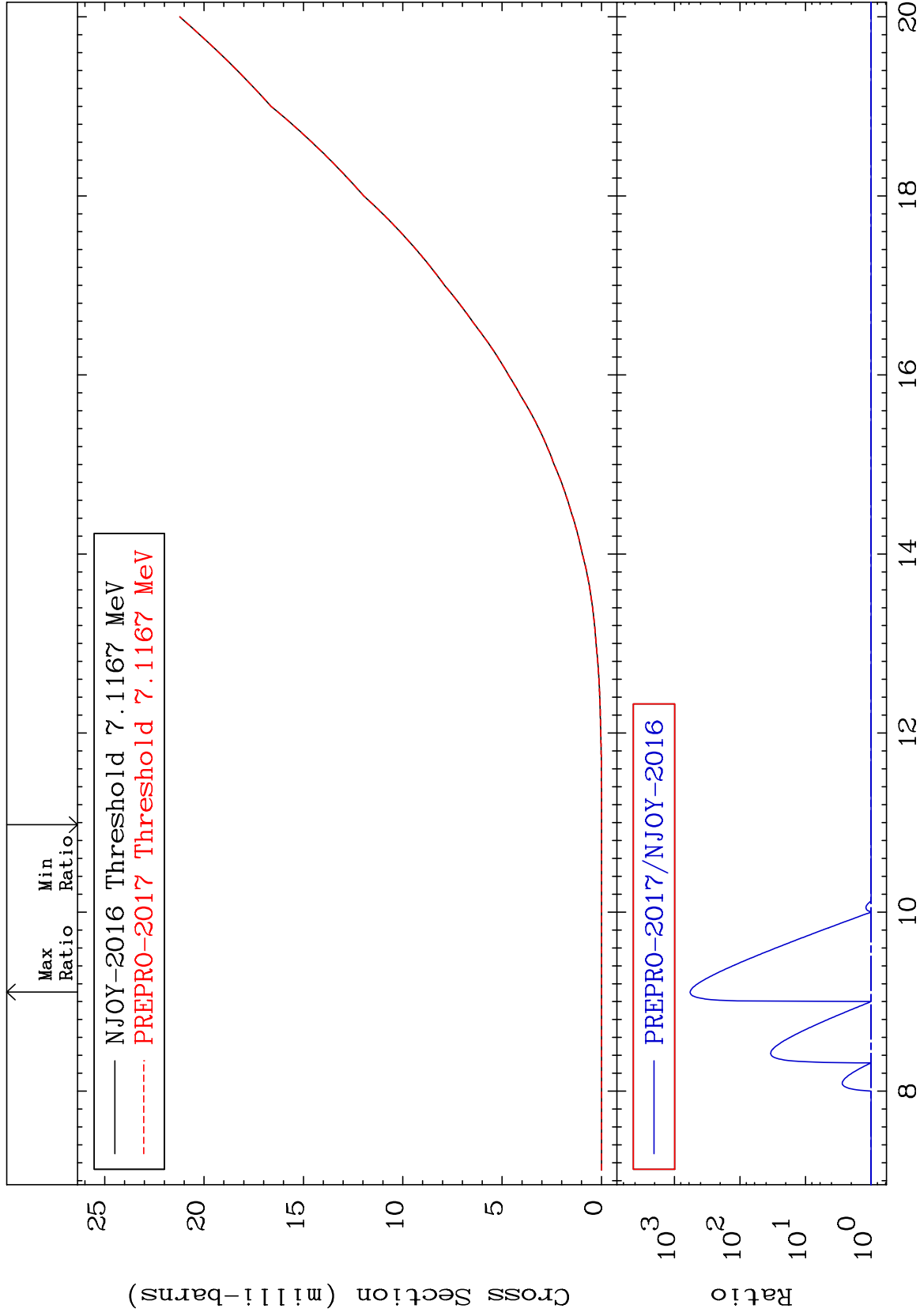
56-Ba-135

MAT 5640

(n, d)

56-Ba-135
-0.301 To 9999. %

Cross Section



18

Incident Energy (MeV)

56-Ba-135

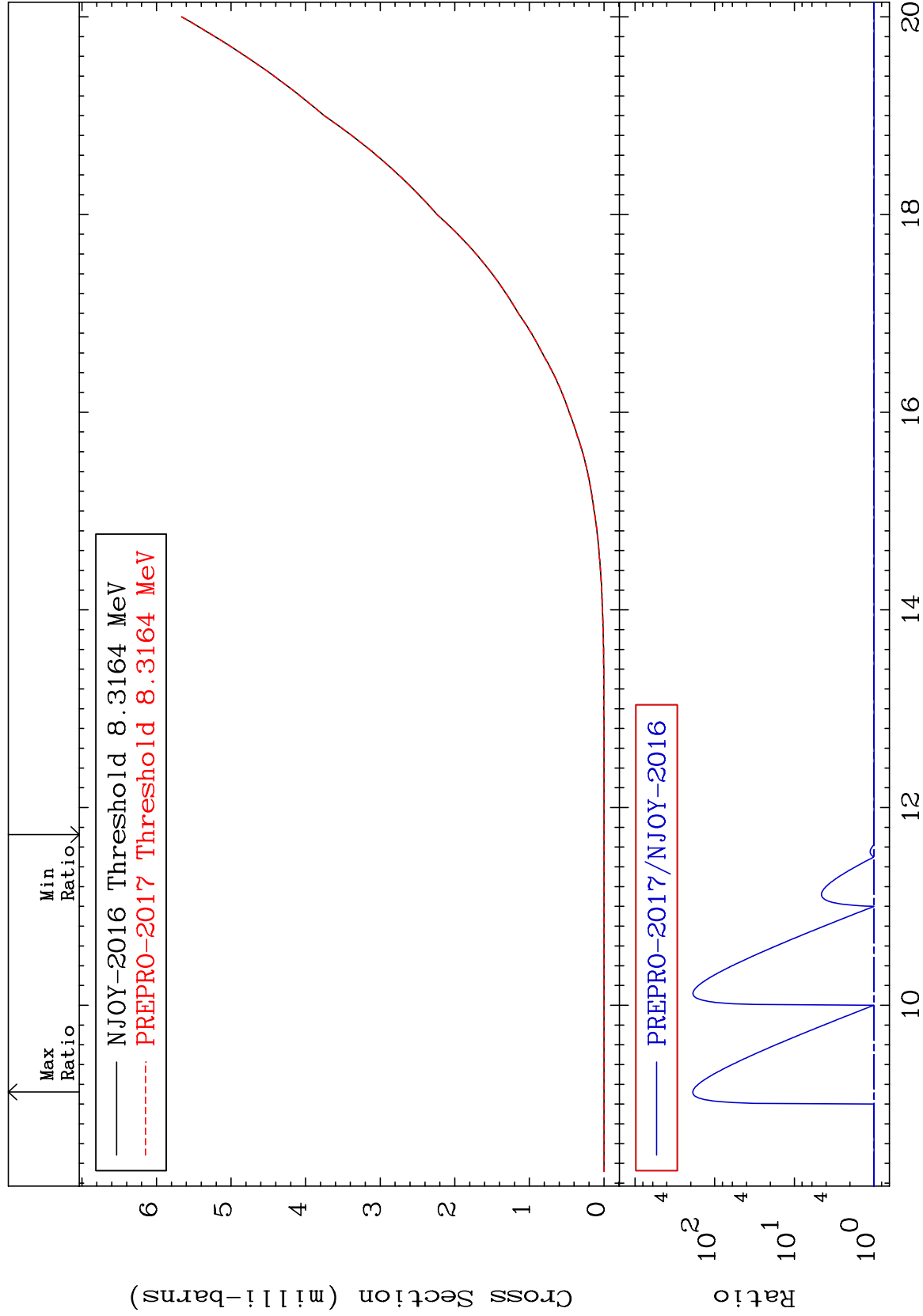
MAT 5640

(n, t)

56-Ba-135

Cross Section

-0.175 To 9999. %



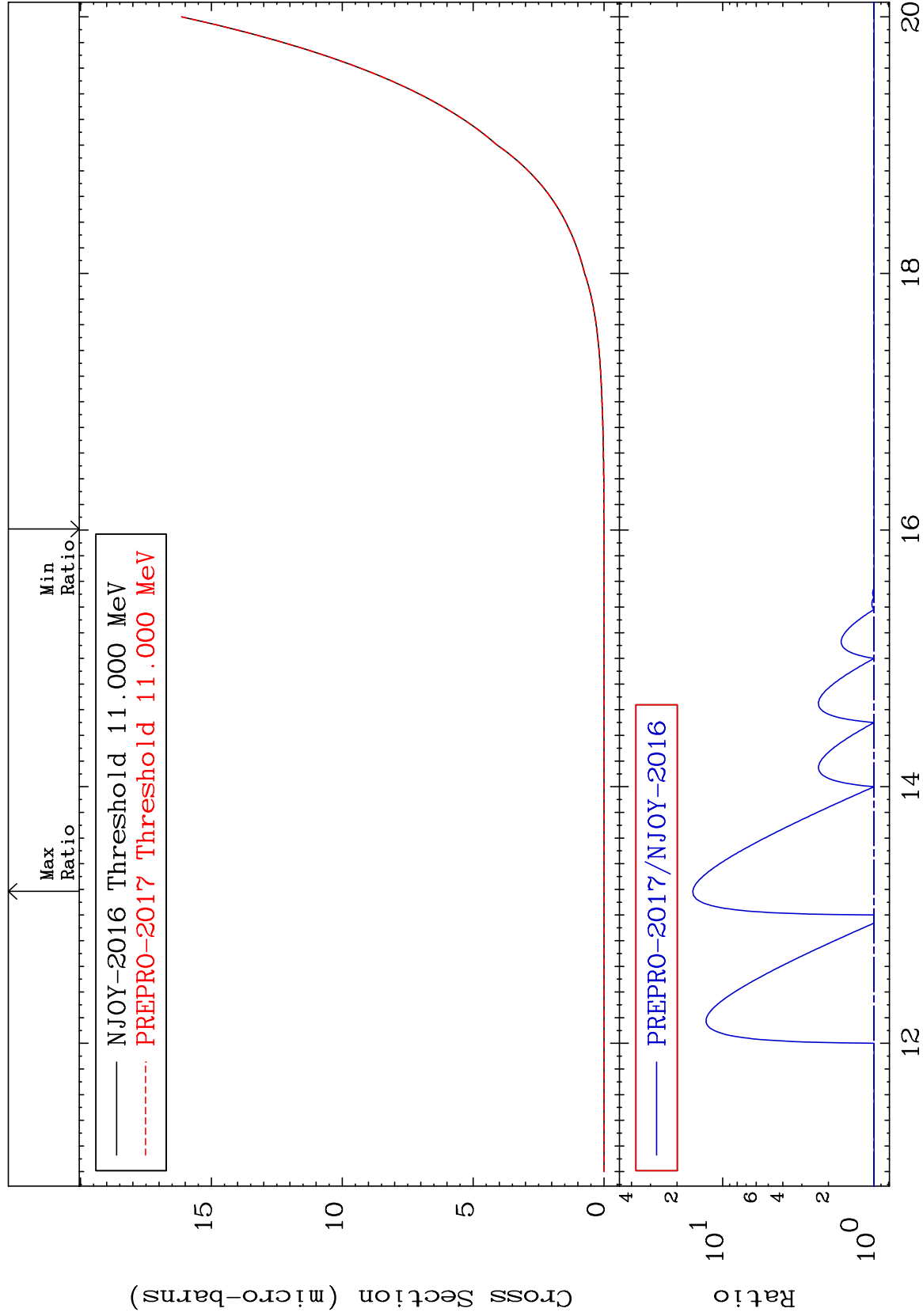
MAT 5640

(n, He-3)

56-Ba-135

Cross Section

-0.100 To 1476. %



20

Incident Energy (MeV)

56-Ba-135