

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

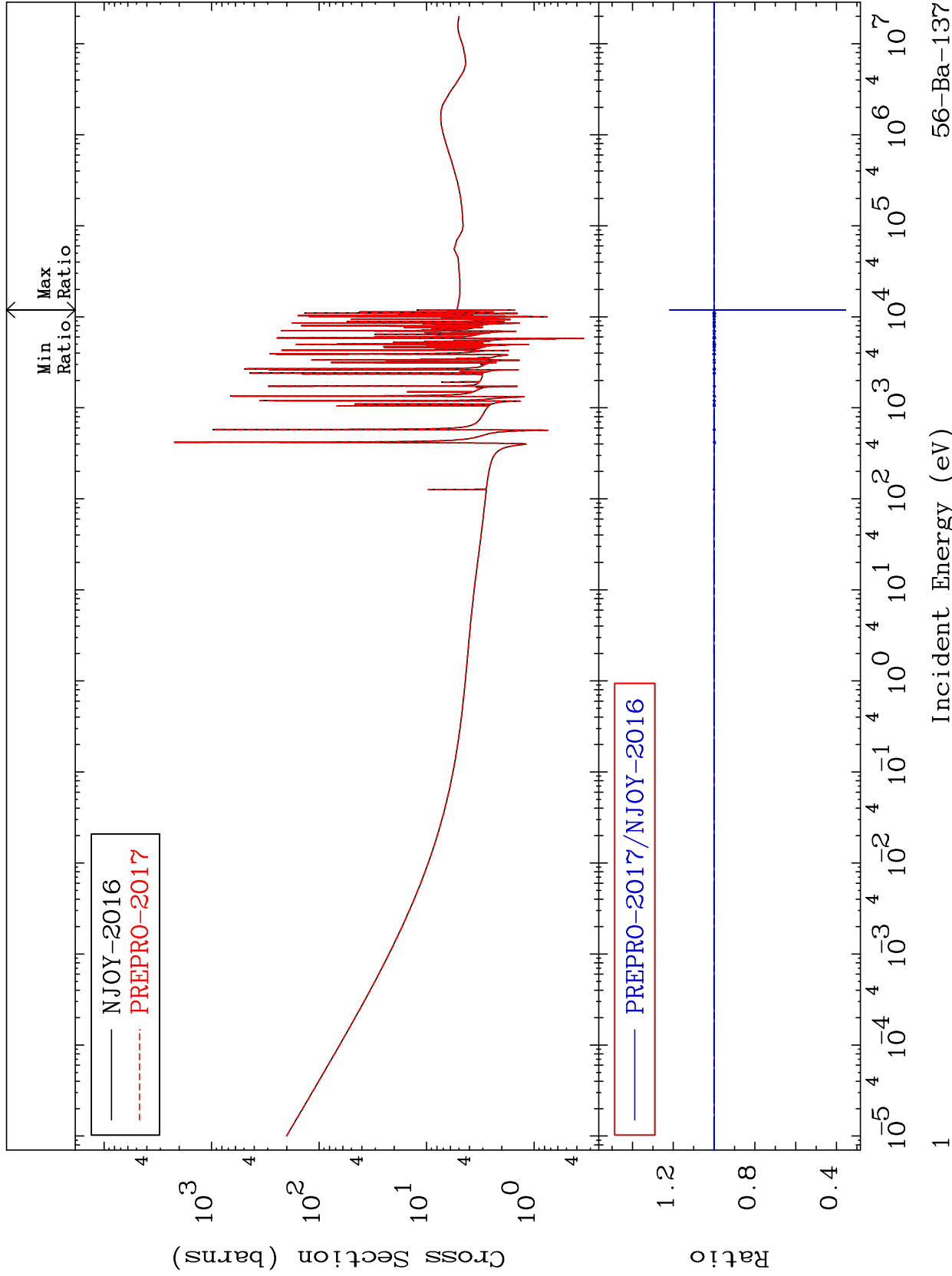
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5646

Total
Cross Section

56-Ba-137
-64.37 To 21.72 %

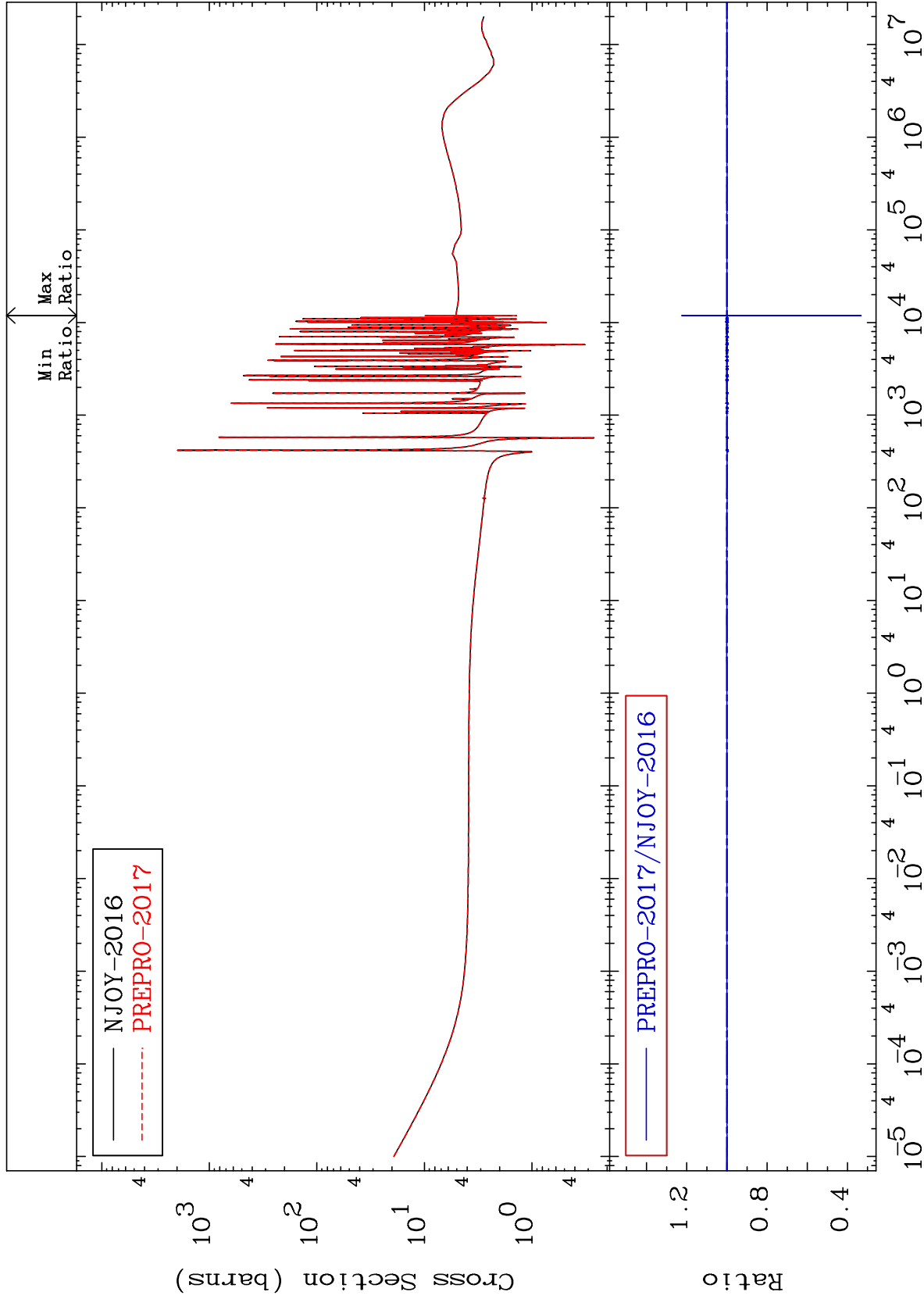


56-Ba-137

MAT 5646

Elastic
Cross Section

56-Ba-137
-66.63 To 22.39 %



2

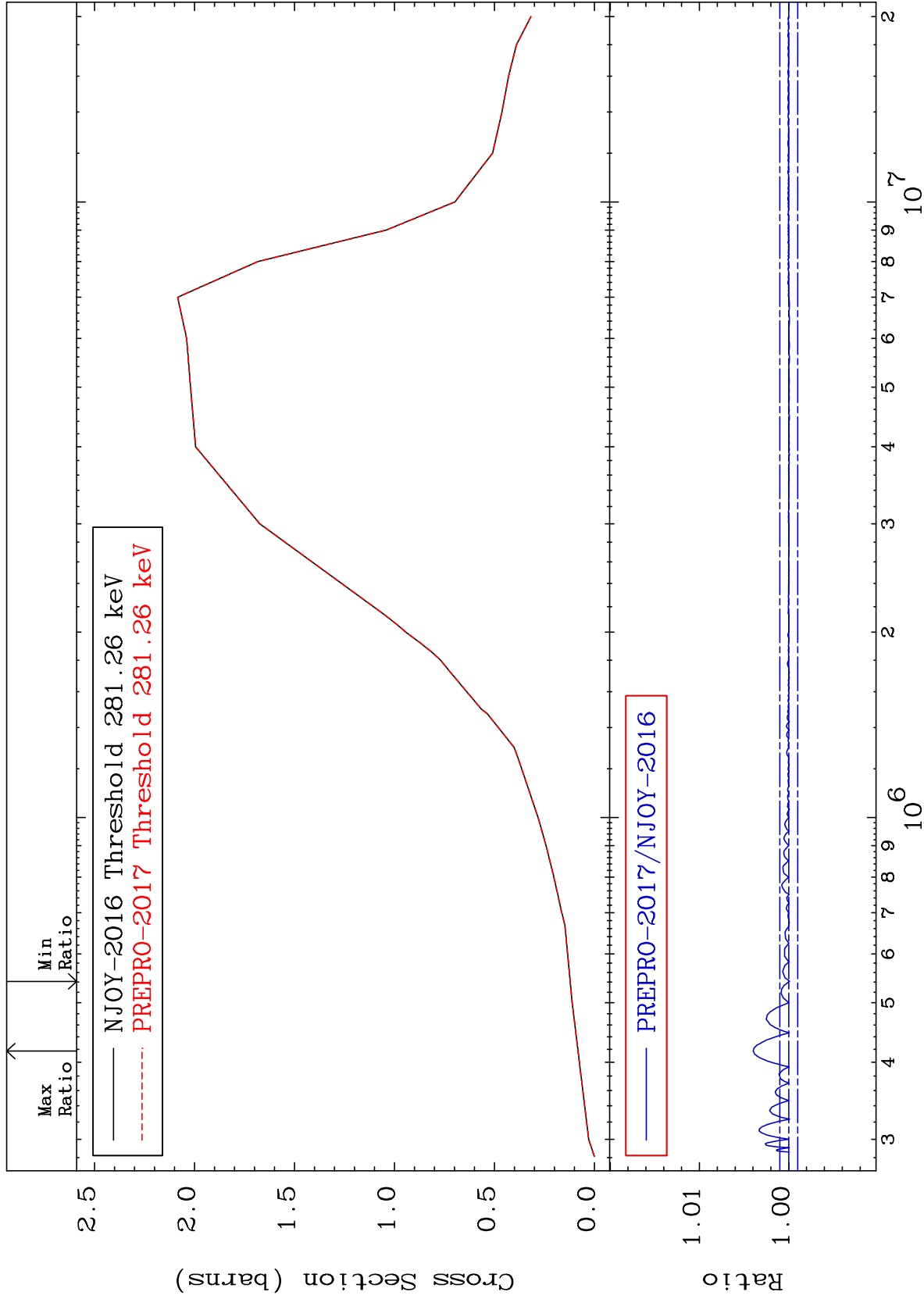
Incident Energy (eV)

56-Ba-137

MAT 5646

Inelastic
Cross Section

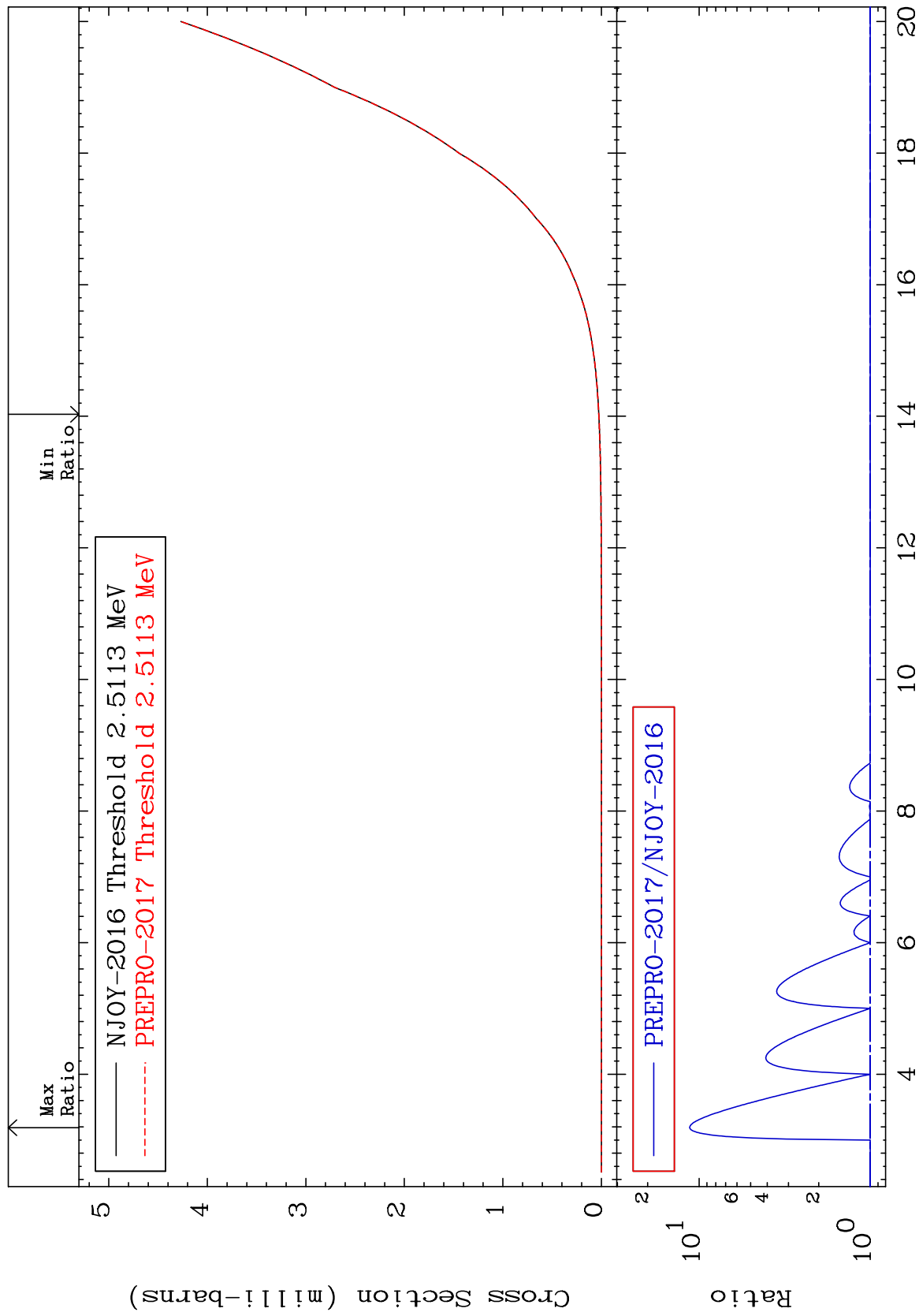
56-Ba-137
-0.010 To 0.398 %



MAT 5646

(n, n') α
Cross Section

56-Ba-137
-0.072 To 1034. %



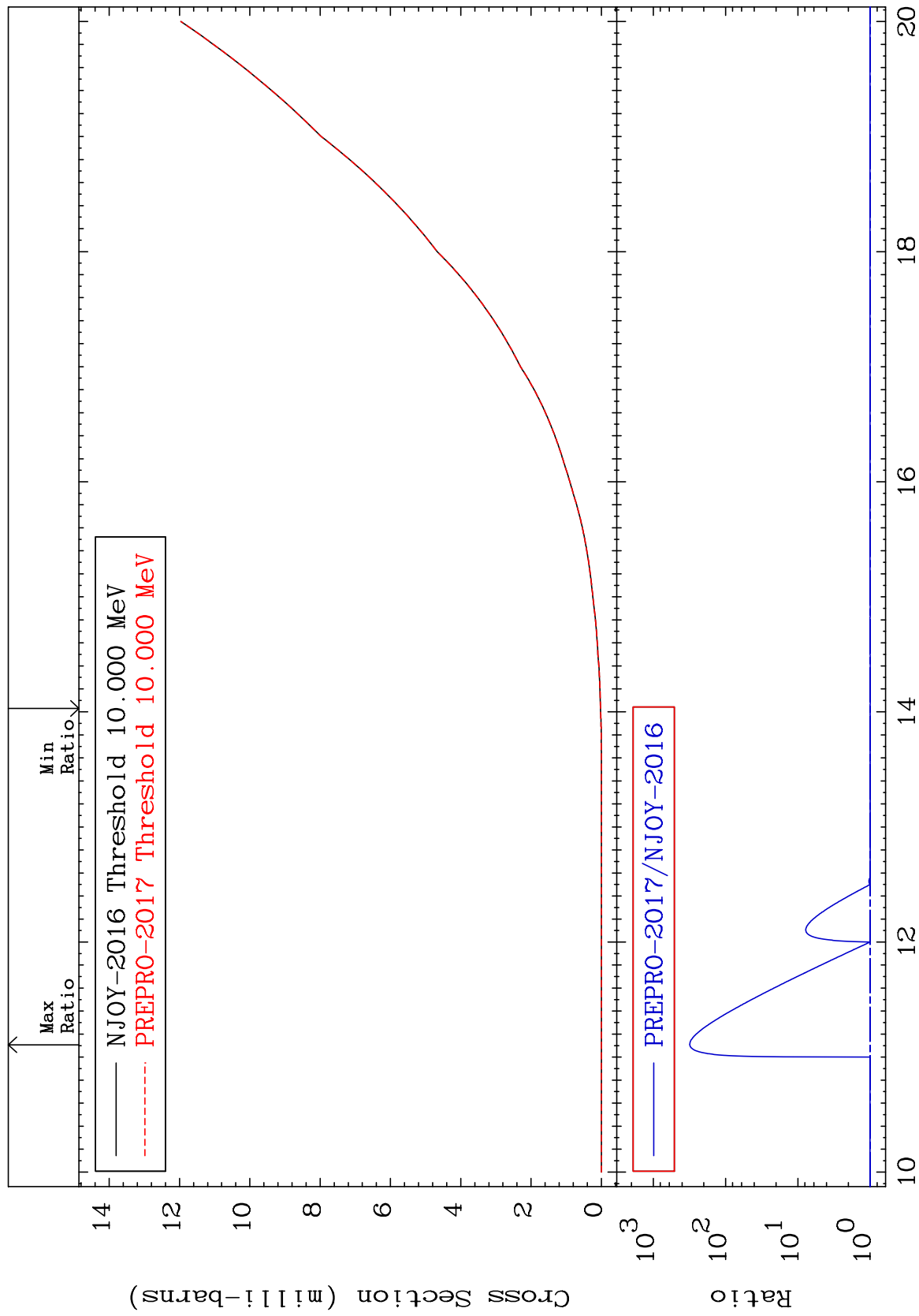
4

56-Ba-137

MAT 5646

(n, n') p
Cross Section

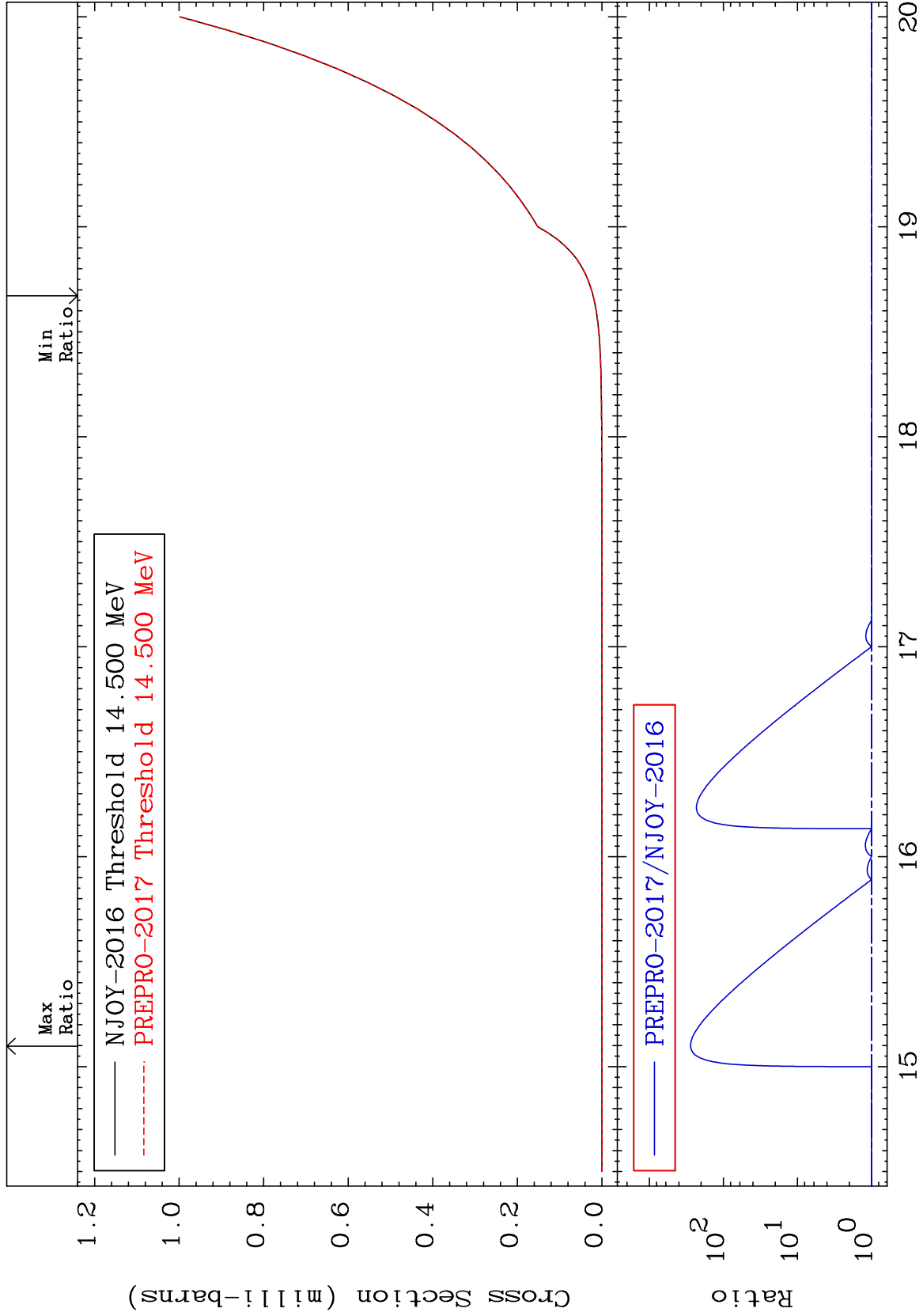
56-Ba-137
-0.439 To 9999. %



5

Incident Energy (MeV)

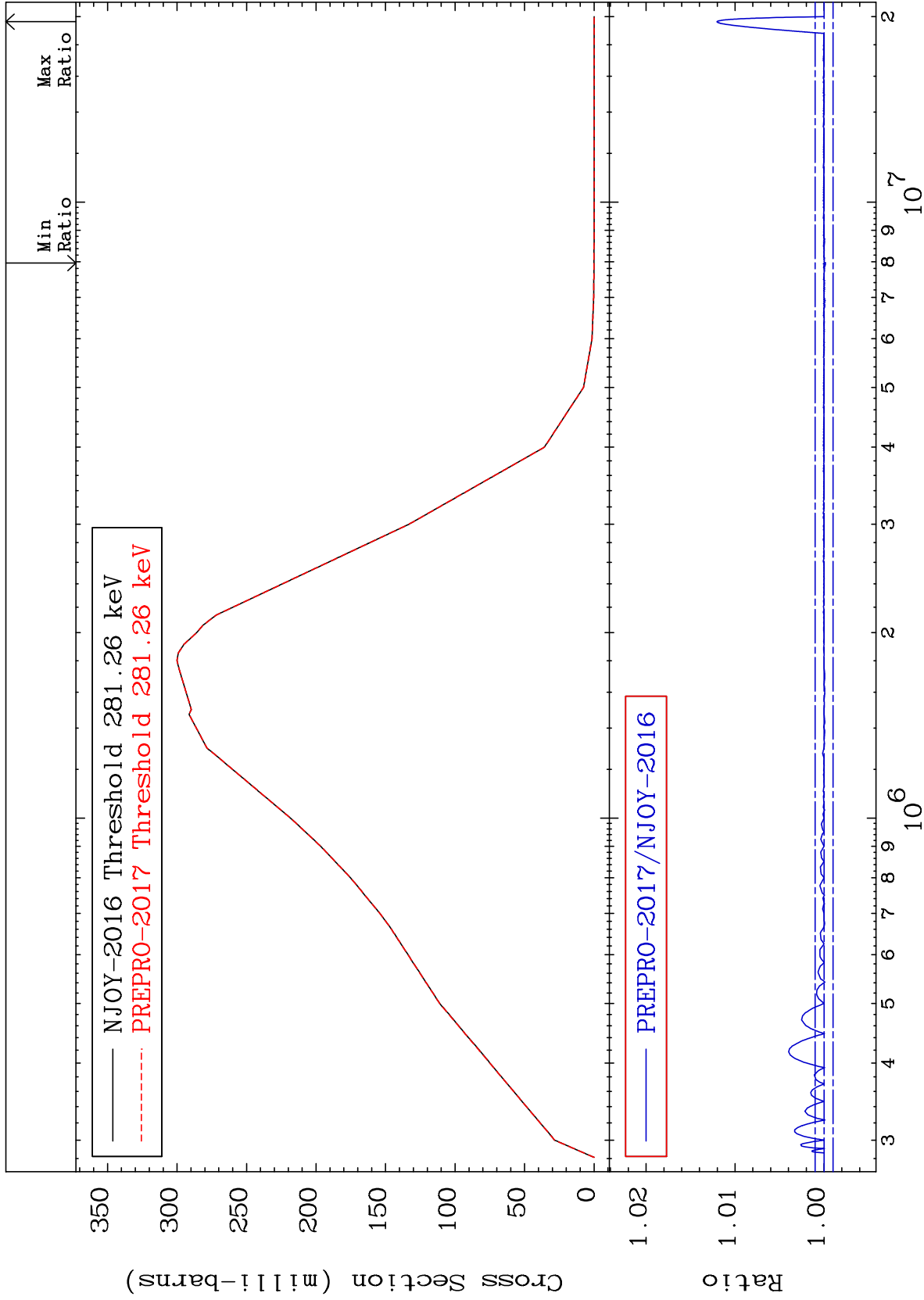
56-Ba-137



MAT 5646

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

56-Ba-137
-0.019 To 1.206 %



7

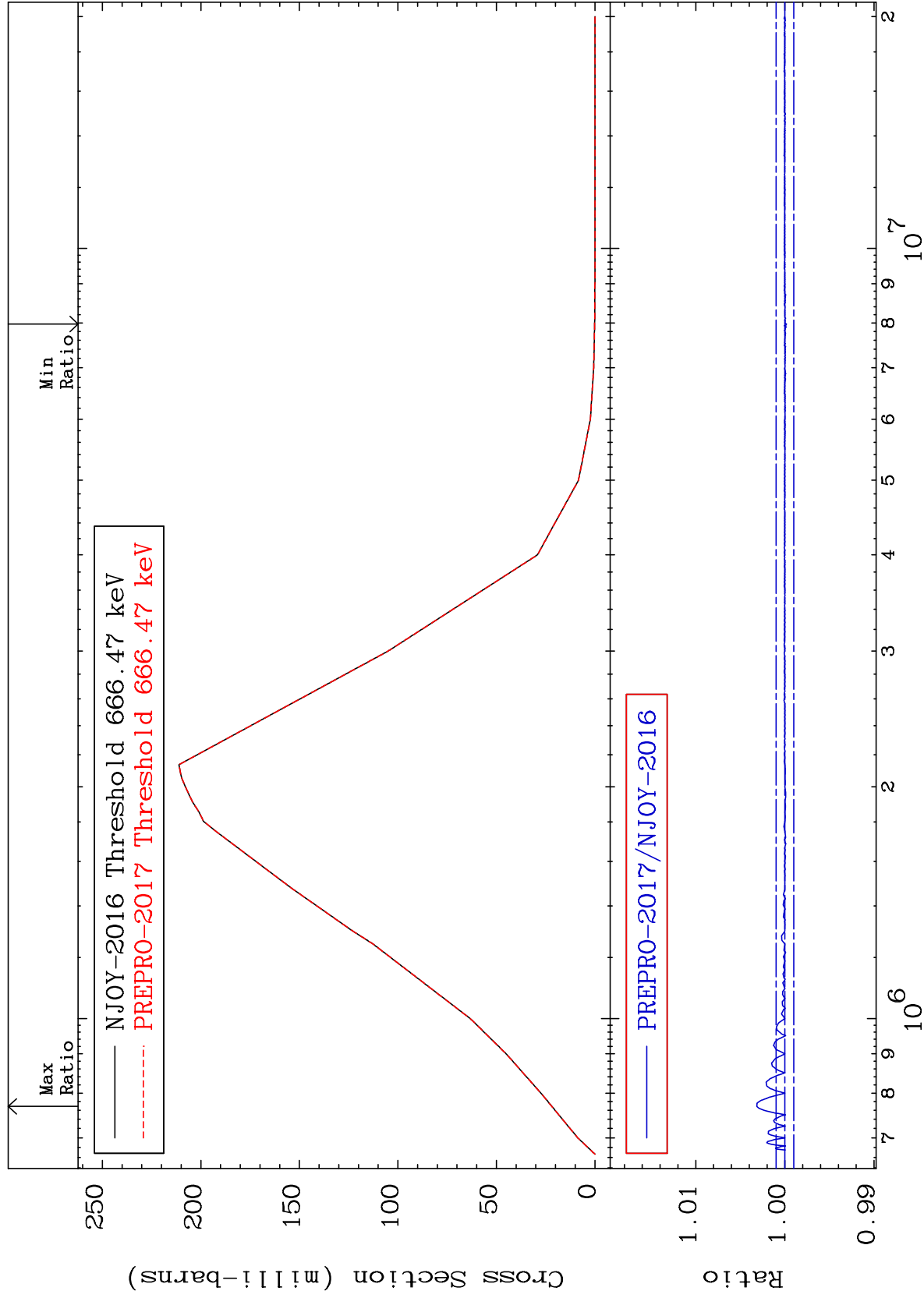
Incident Energy (eV)

56-Ba-137

MAT 5646

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

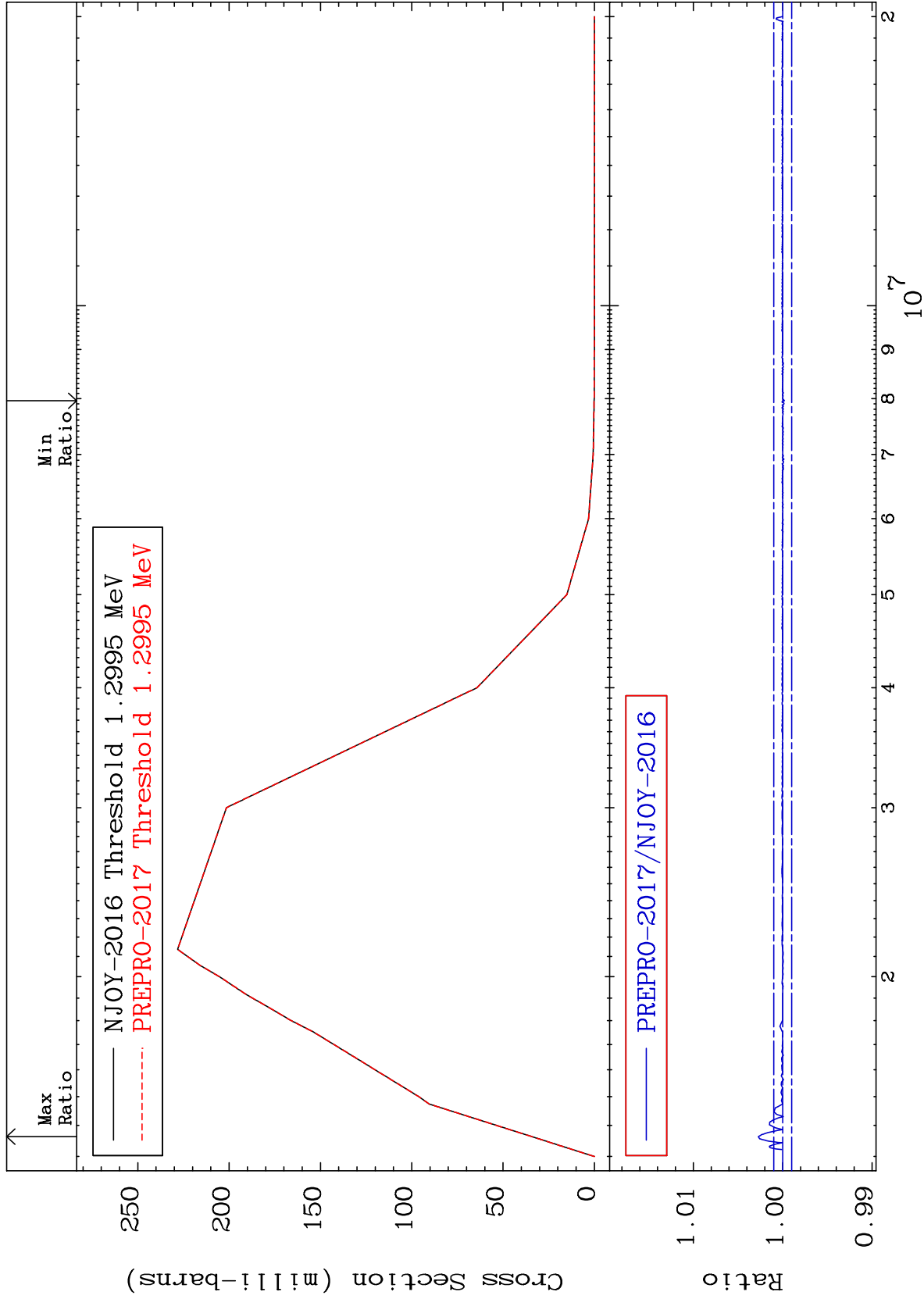
56-Ba-137
-0.018 To 0.316 %



MAT 5646

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

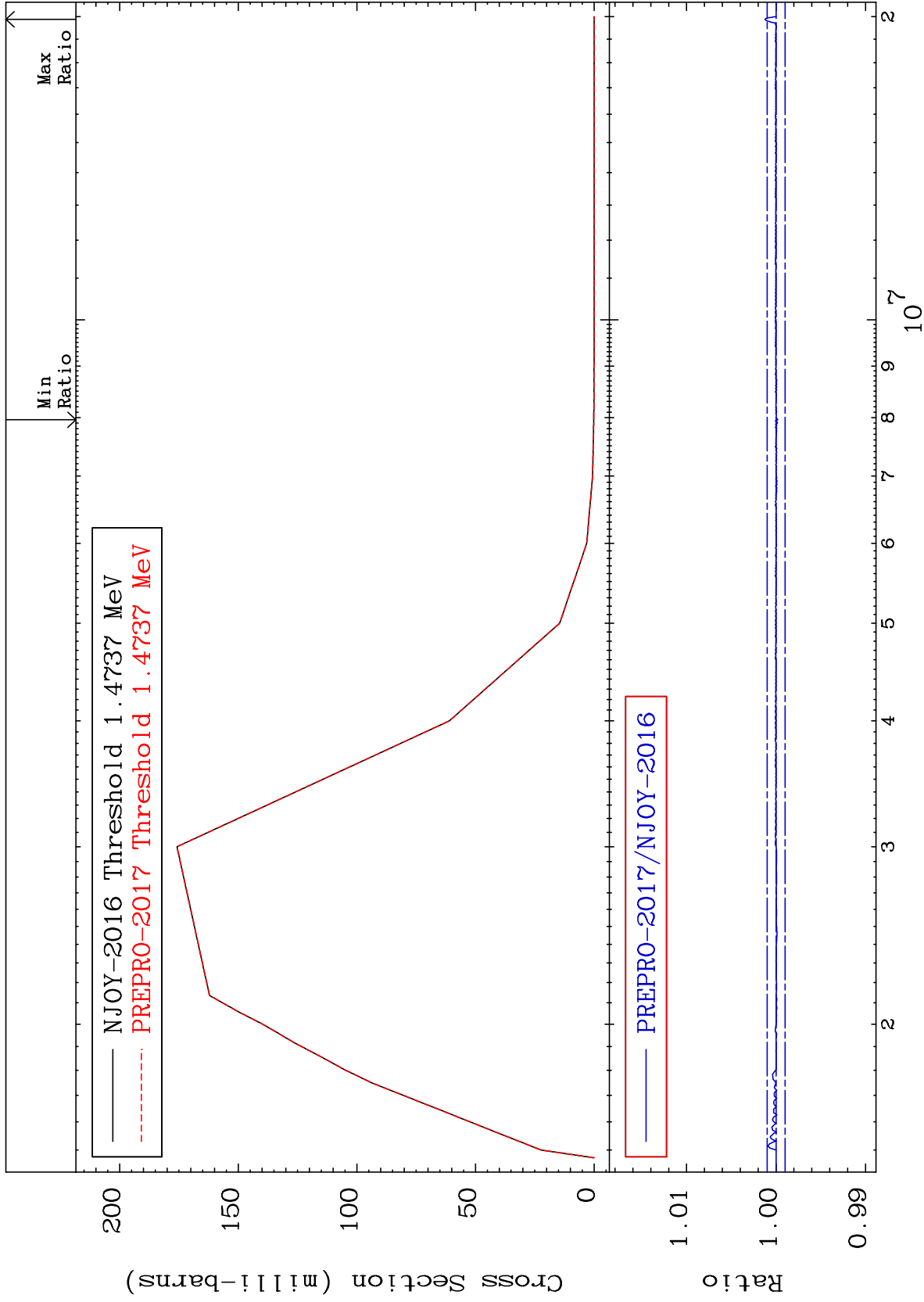
56-Ba-137
-0.019 To 0.271 %



MAT 5646

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

56-Ba-137
-0.019 To 0.126 %



10

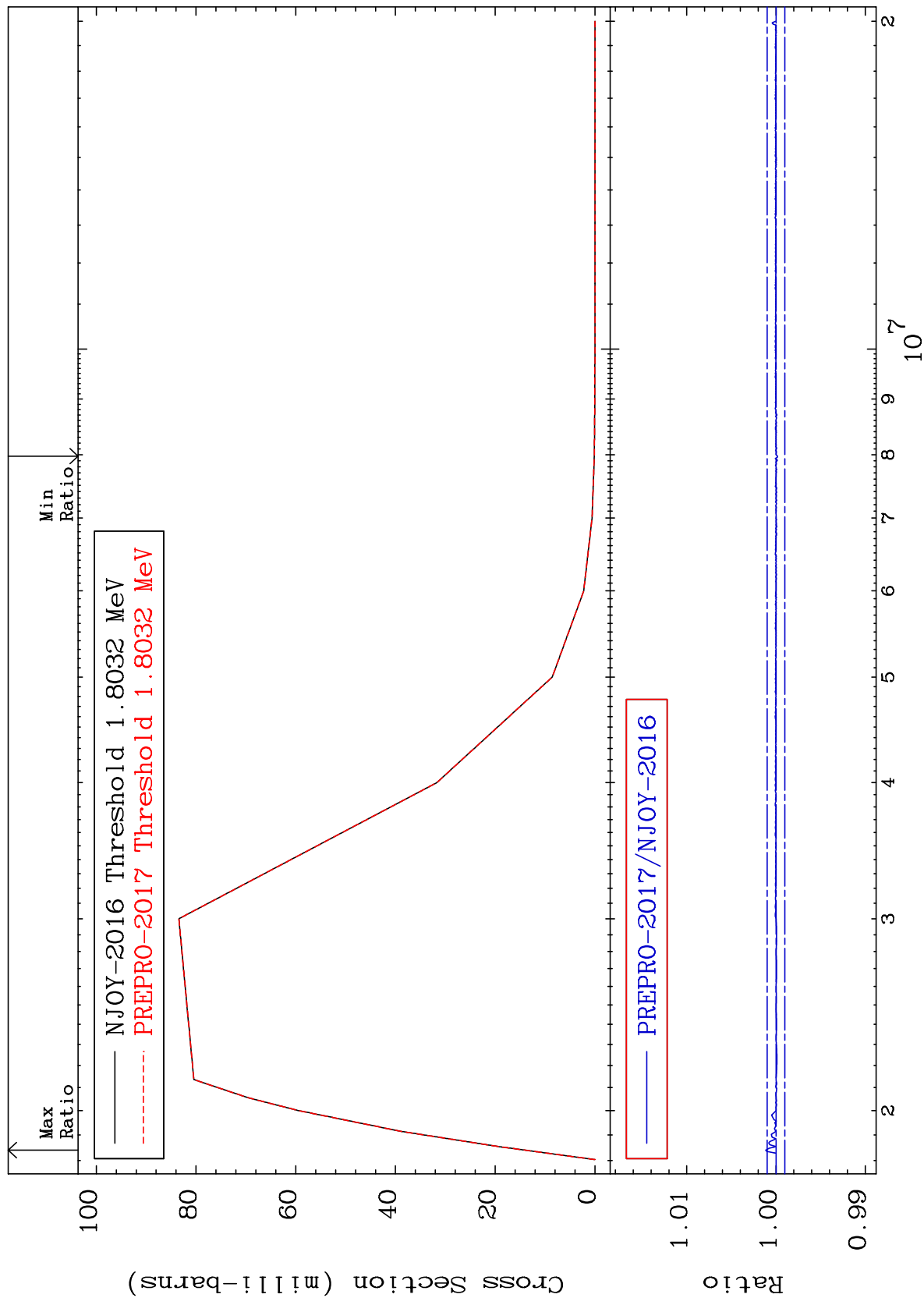
Incident Energy (eV)

56-Ba-137

MAT 5646

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

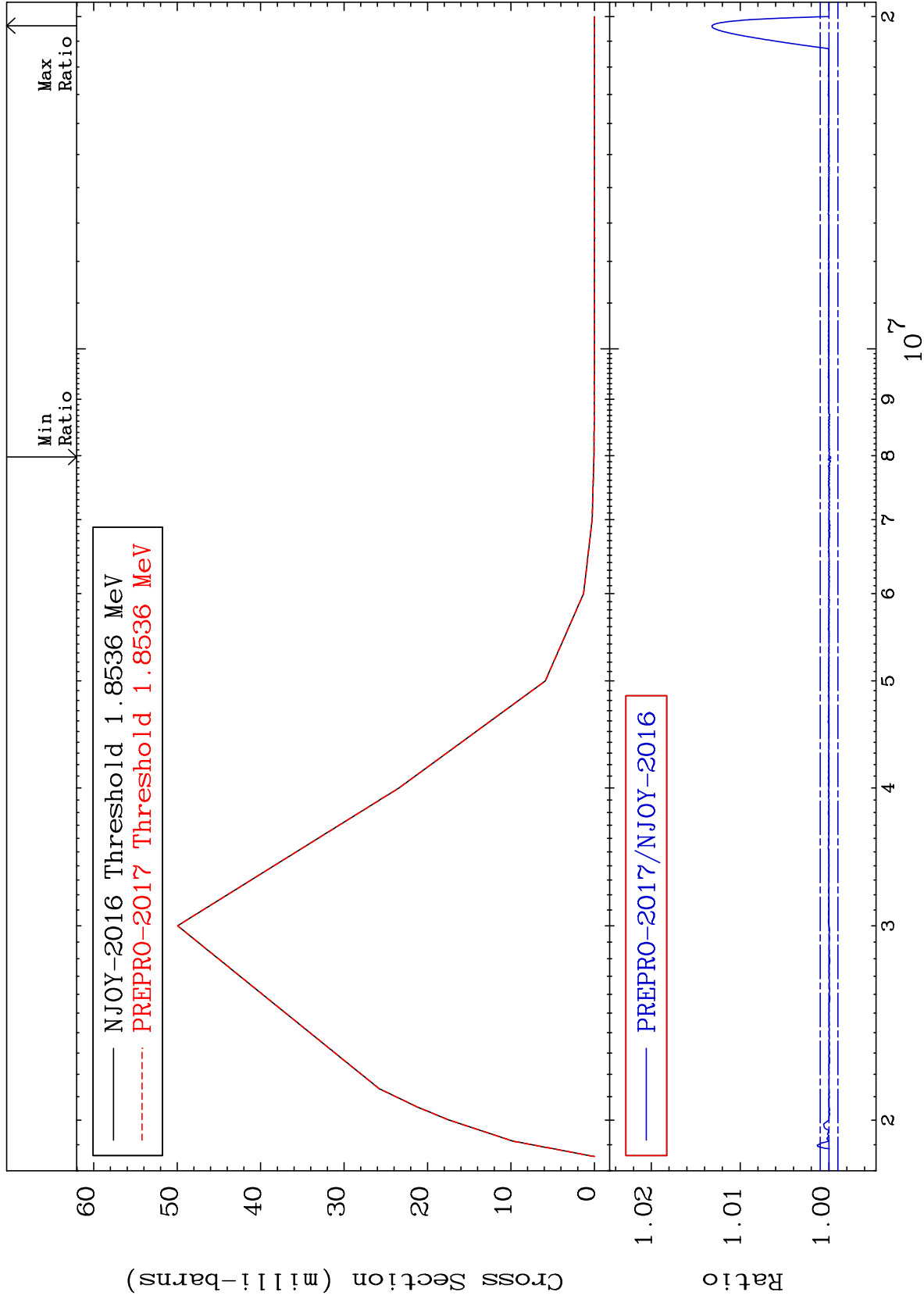
56-Ba-137
-0.018 To 0.116 %



MAT 5646

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

56-Ba-137
-0.021 To 1.318 %



12

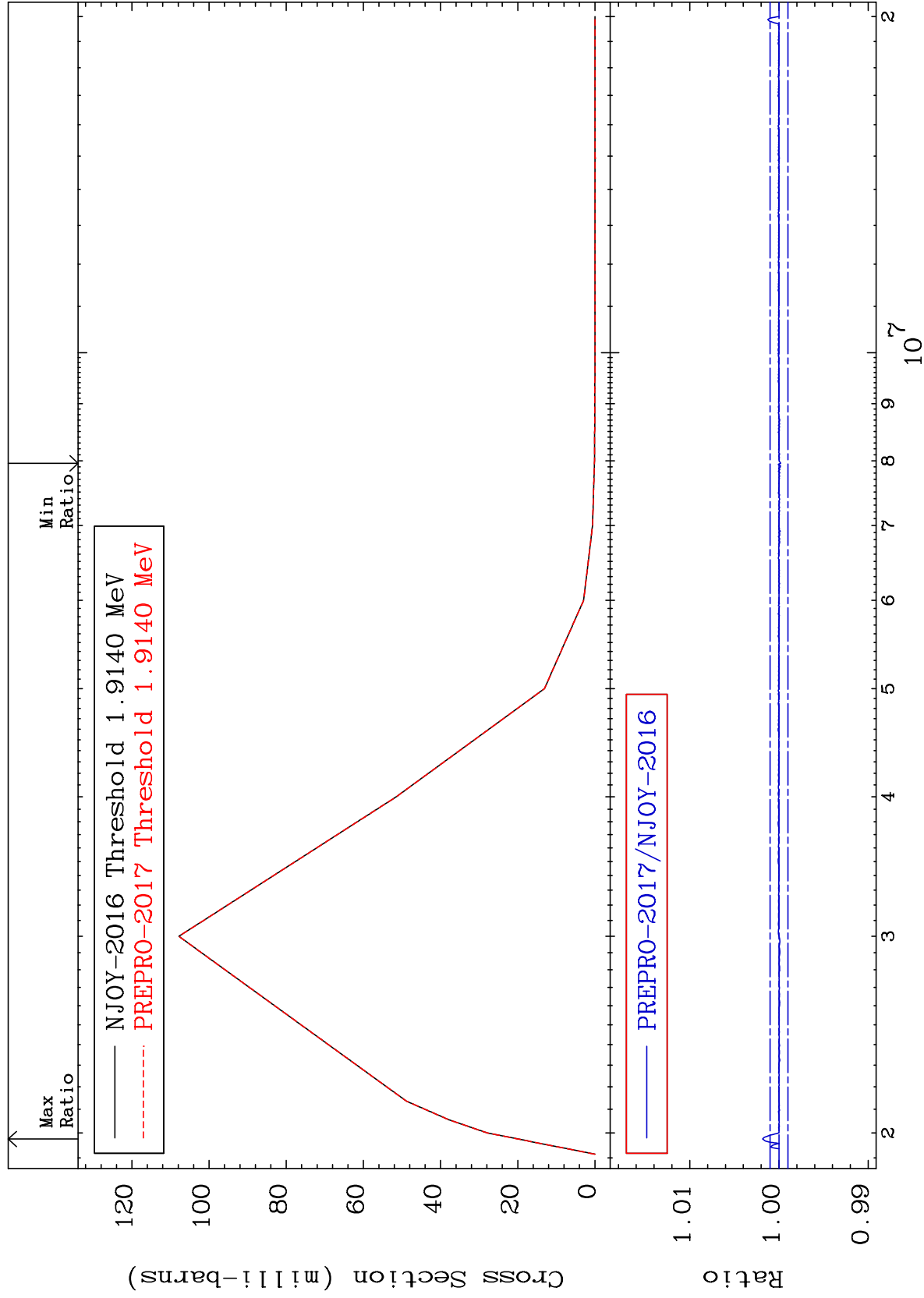
Incident Energy (eV)

56-Ba-137

MAT 5646

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

56-Ba-137
-0.019 To 0.184 %



13

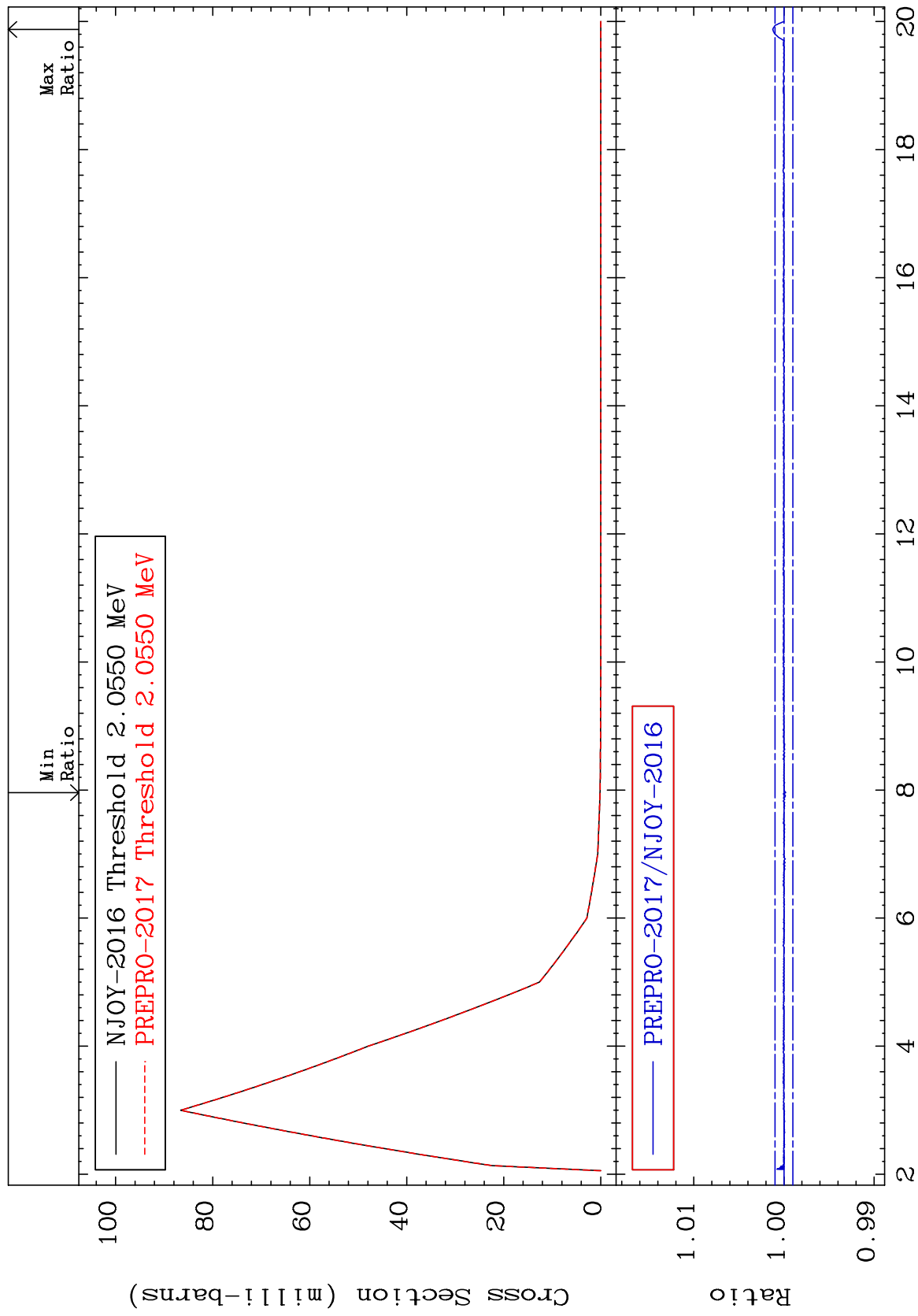
Incident Energy (eV)

56-Ba-137

MAT 5646

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

56-Ba-137
-0.019 To 0.126 %



14

Incident Energy (MeV)

56-Ba-137

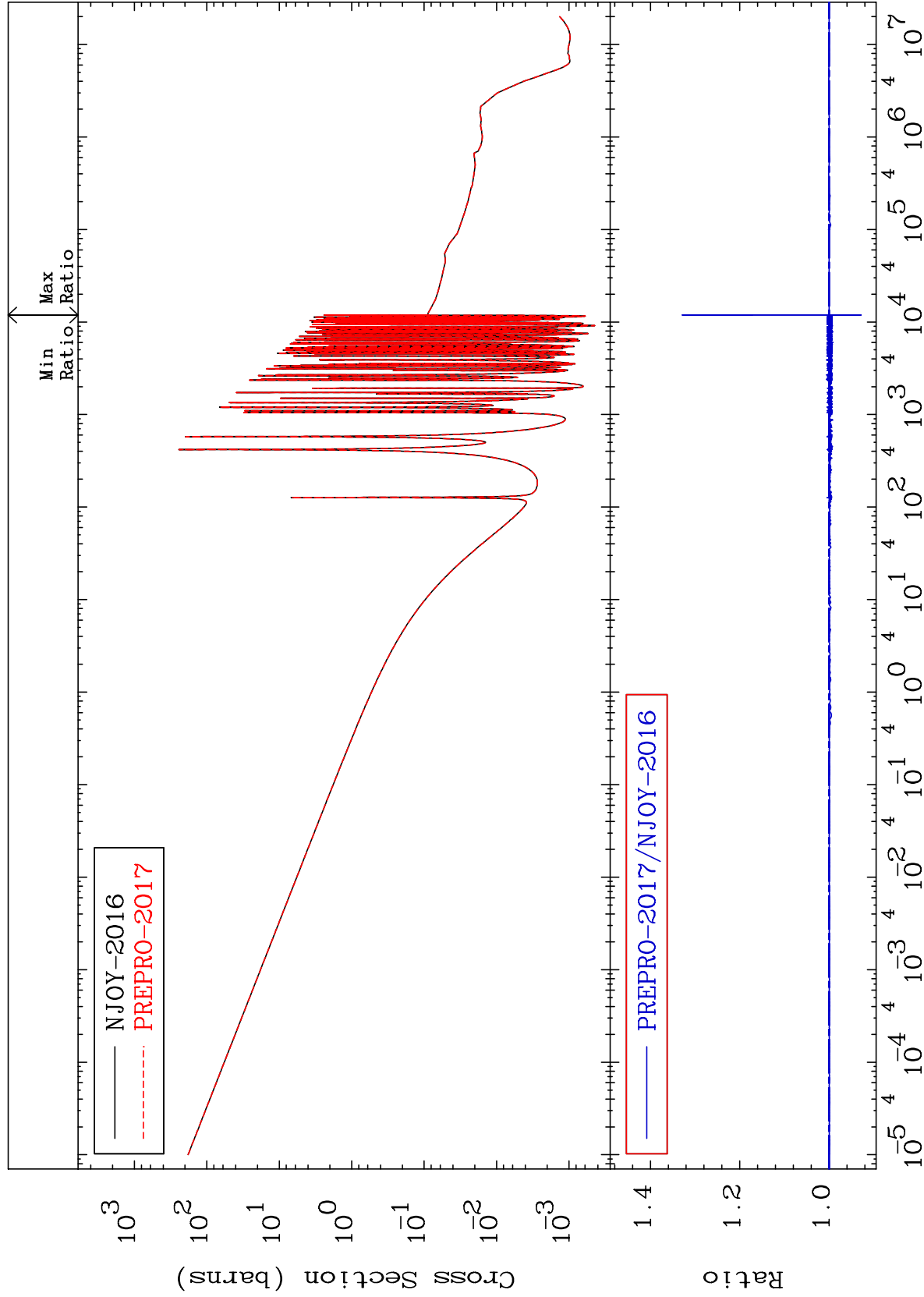
MAT 5646

(n, γ)

56-Ba-137

Cross Section

-7.139 To 32.85 %



15

Incident Energy (eV)

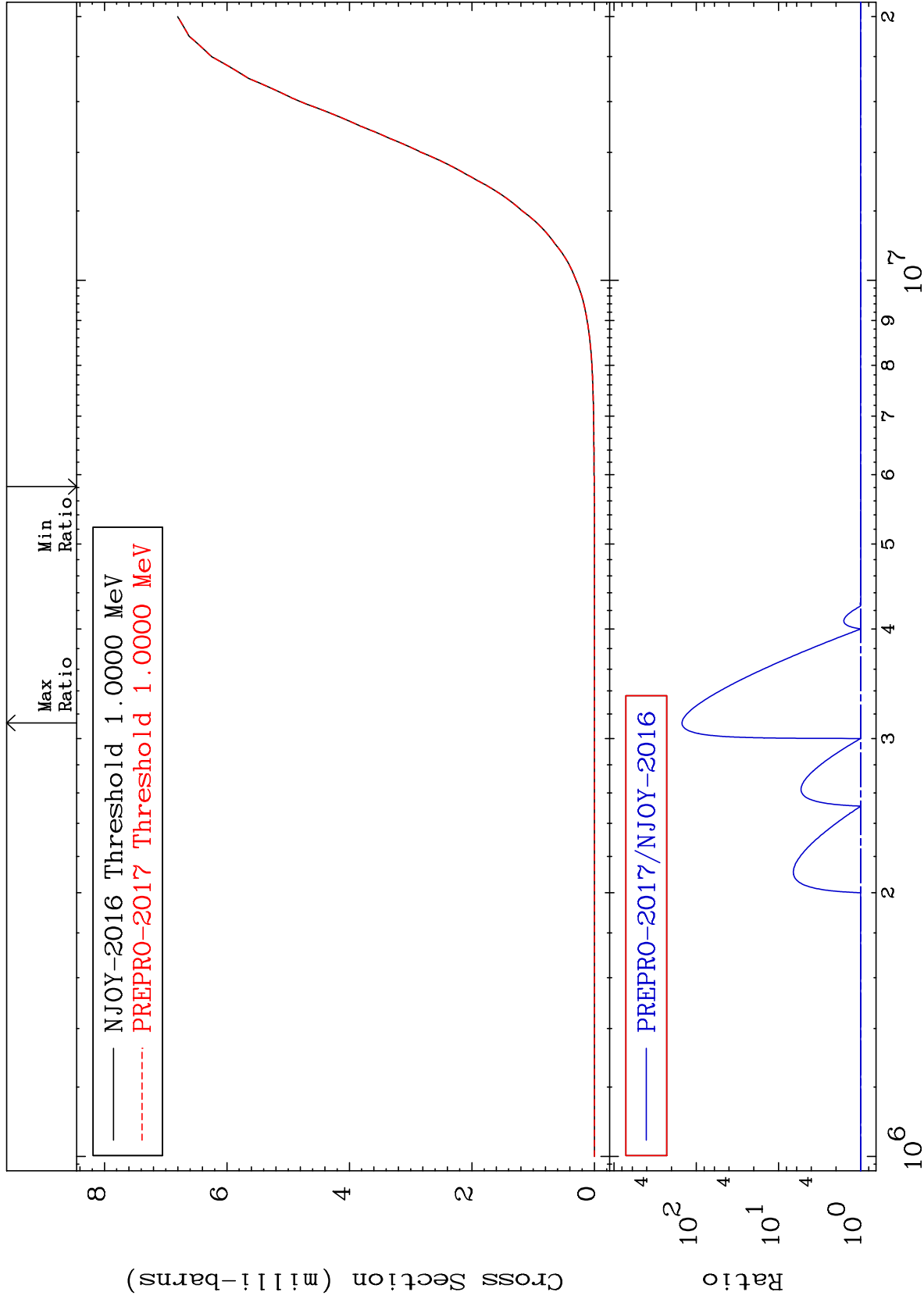
56-Ba-137

MAT 5646

(n,p)

56-Ba-137
-0.366 To 9999. %

Cross Section



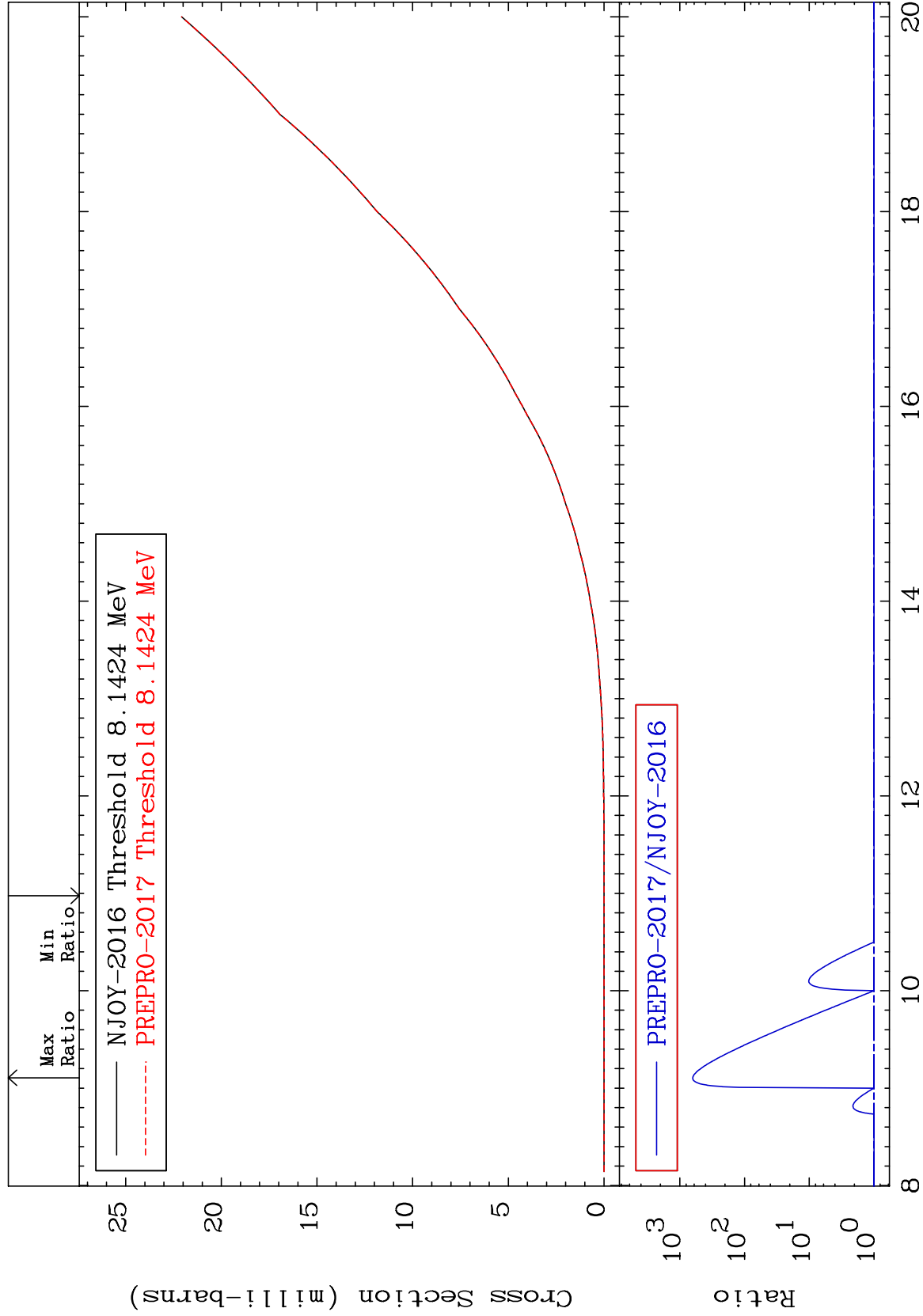
MAT 5646

(n, d)

56-Ba-137

Cross Section

-0.303 To 9999. %



17

Incident Energy (MeV)

56-Ba-137

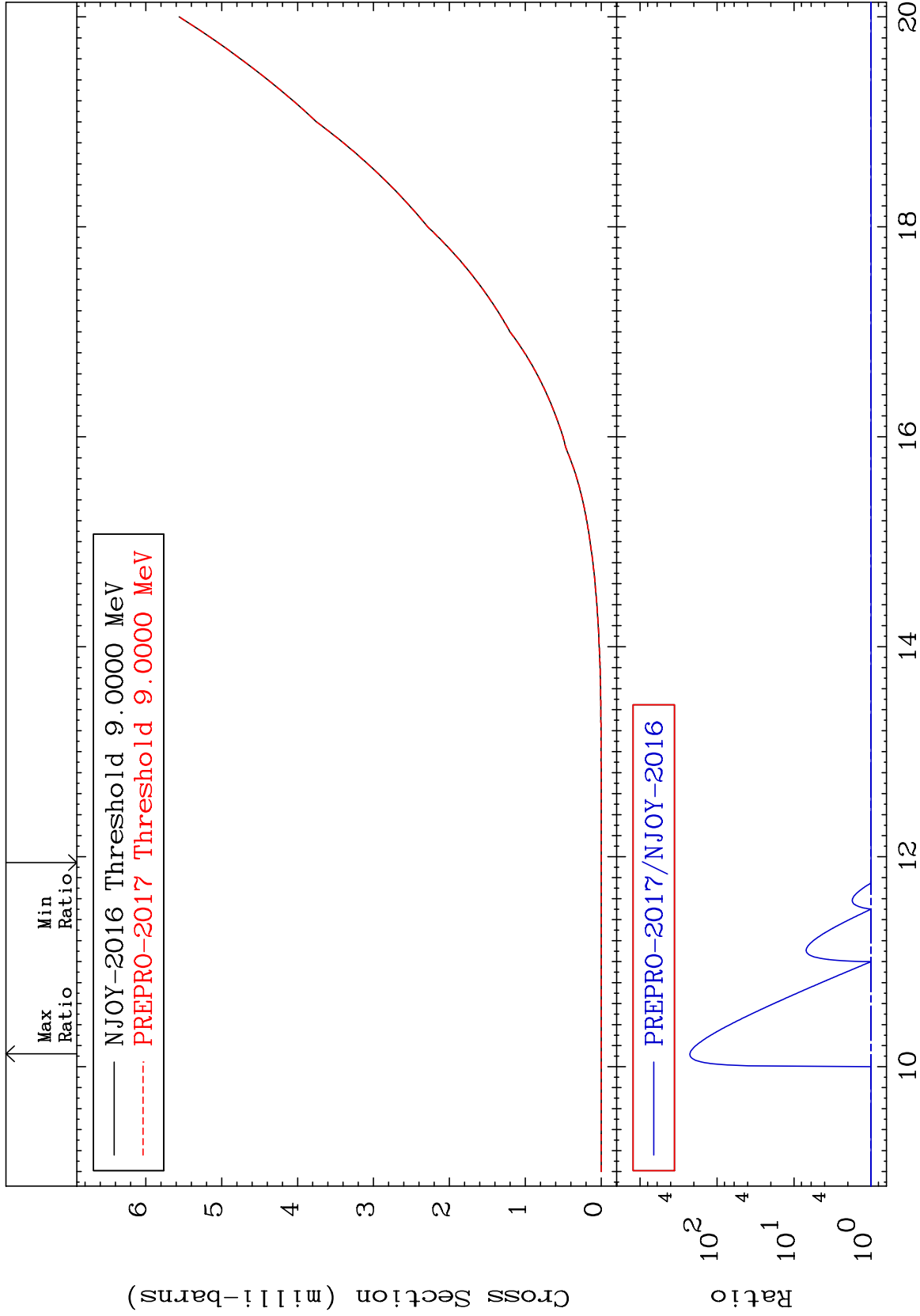
MAT 5646

(n, t)

56-Ba-137

Cross Section

-0.243 To 9999. %



18

Incident Energy (MeV)

56-Ba-137

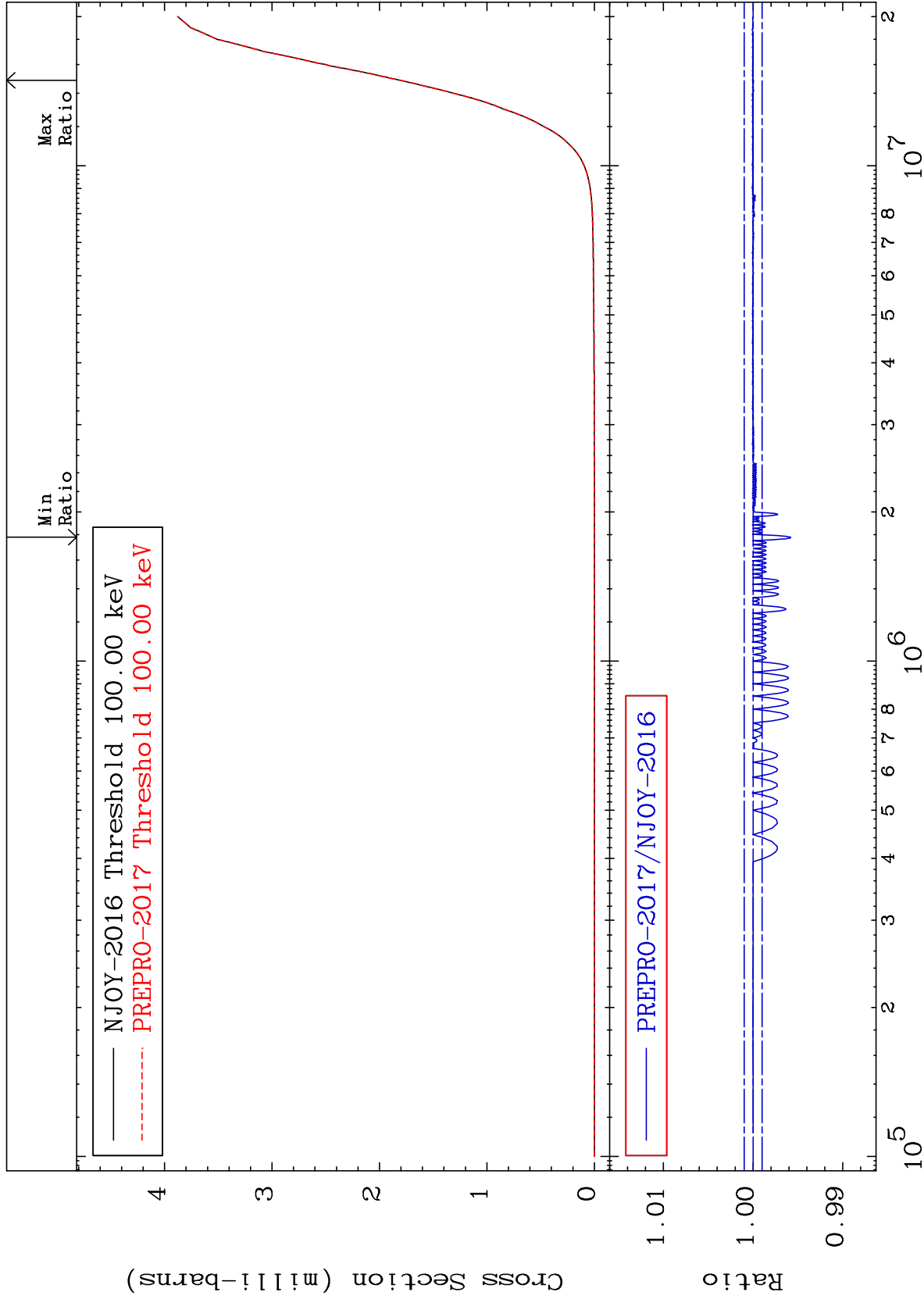
MAT 5646

(n, α)

56-Ba-137

Cross Section

-0.419 To 0.010 %



Incident Energy (eV)

56-Ba-137

19