

Program Complot
(Version 2017-1)

by

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U.S.A.

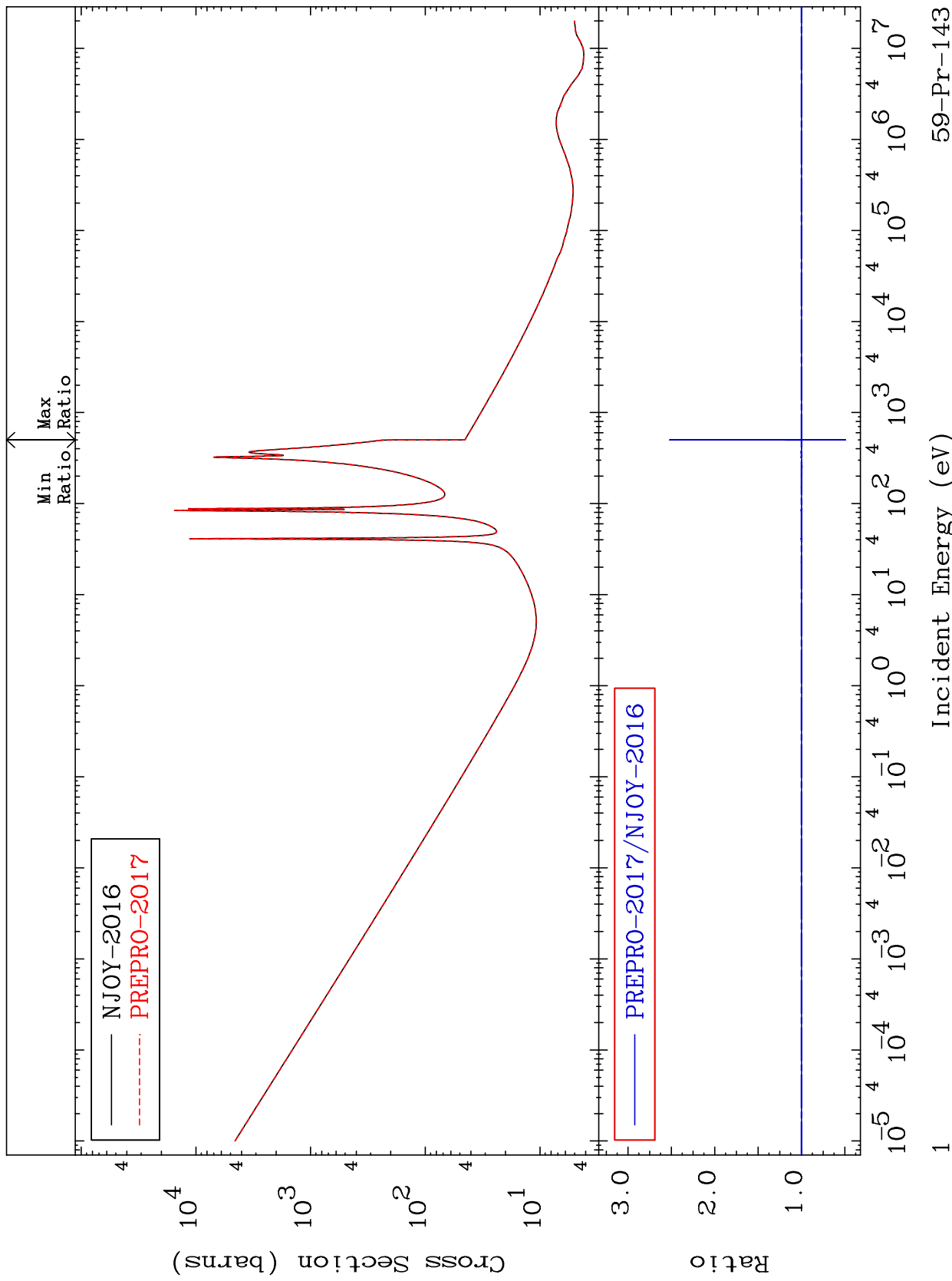
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 5931

Total Cross Section
59-Pr-143
-50.78 To 151.9 %

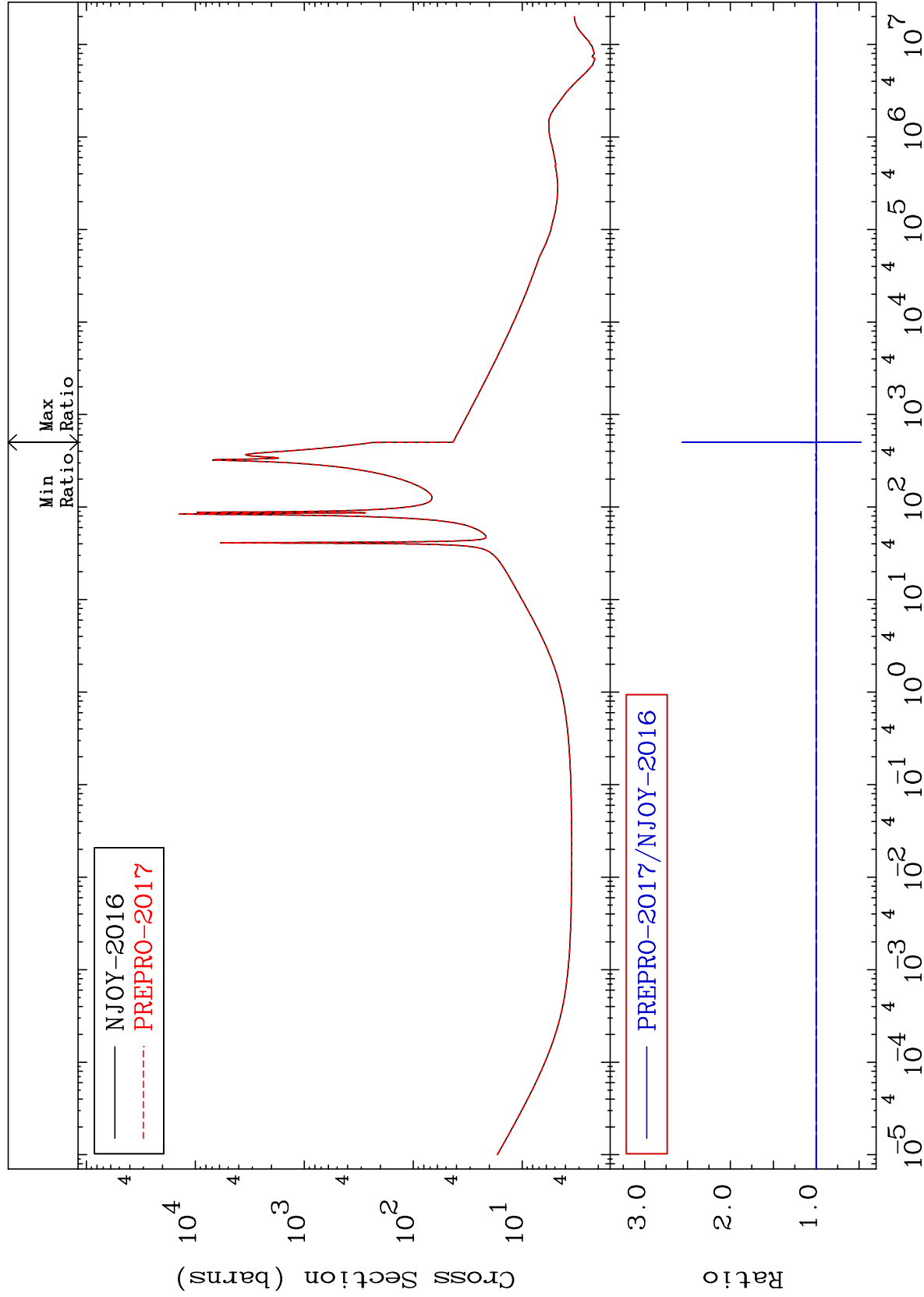


59-Pr-143

MAT 5931

Elastic
Cross Section

59-Pr-143
-52.16 To 156.0 %



2

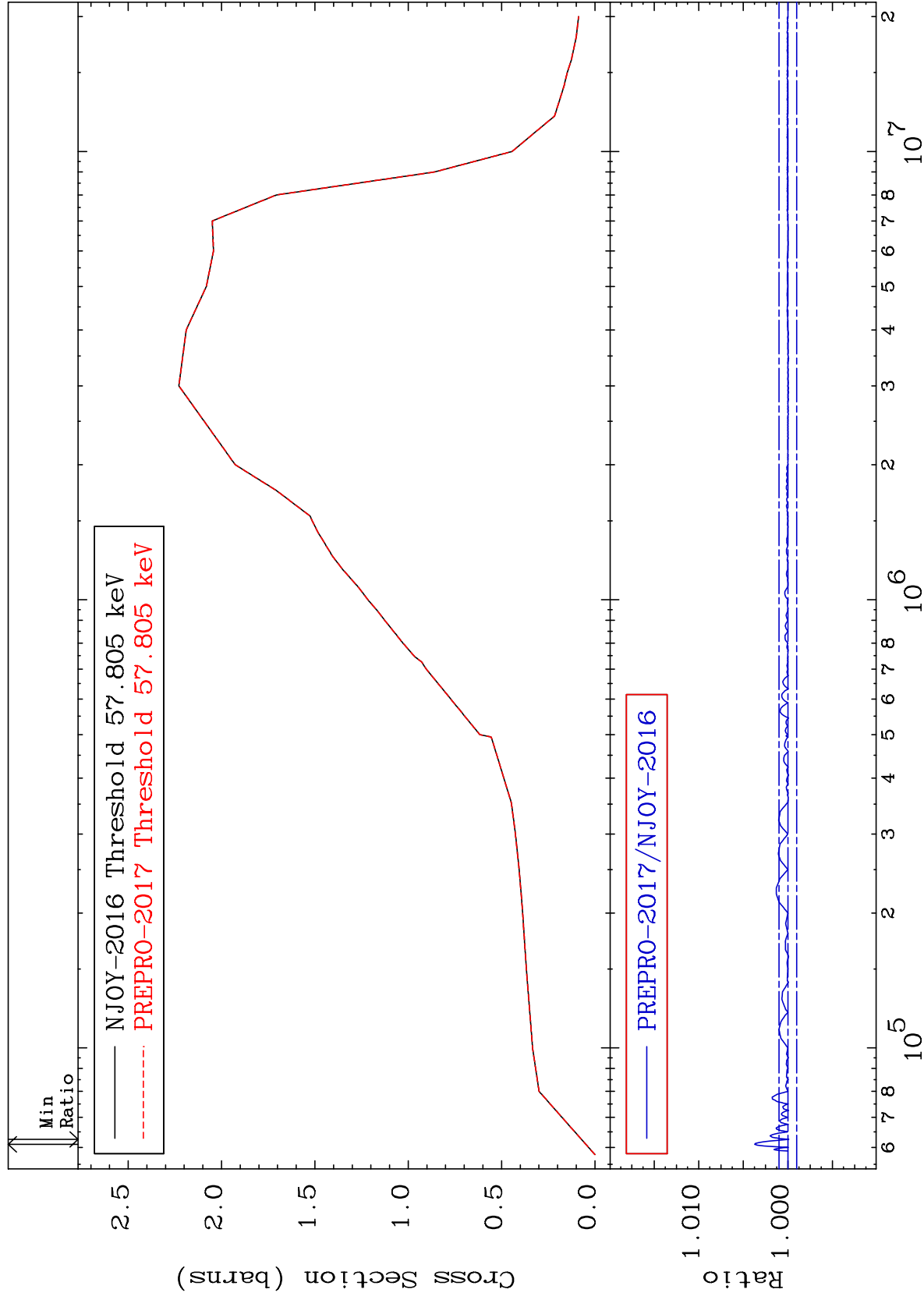
Incident Energy (eV)

59-Pr-143

MAT 5931

Inelastic
Cross Section

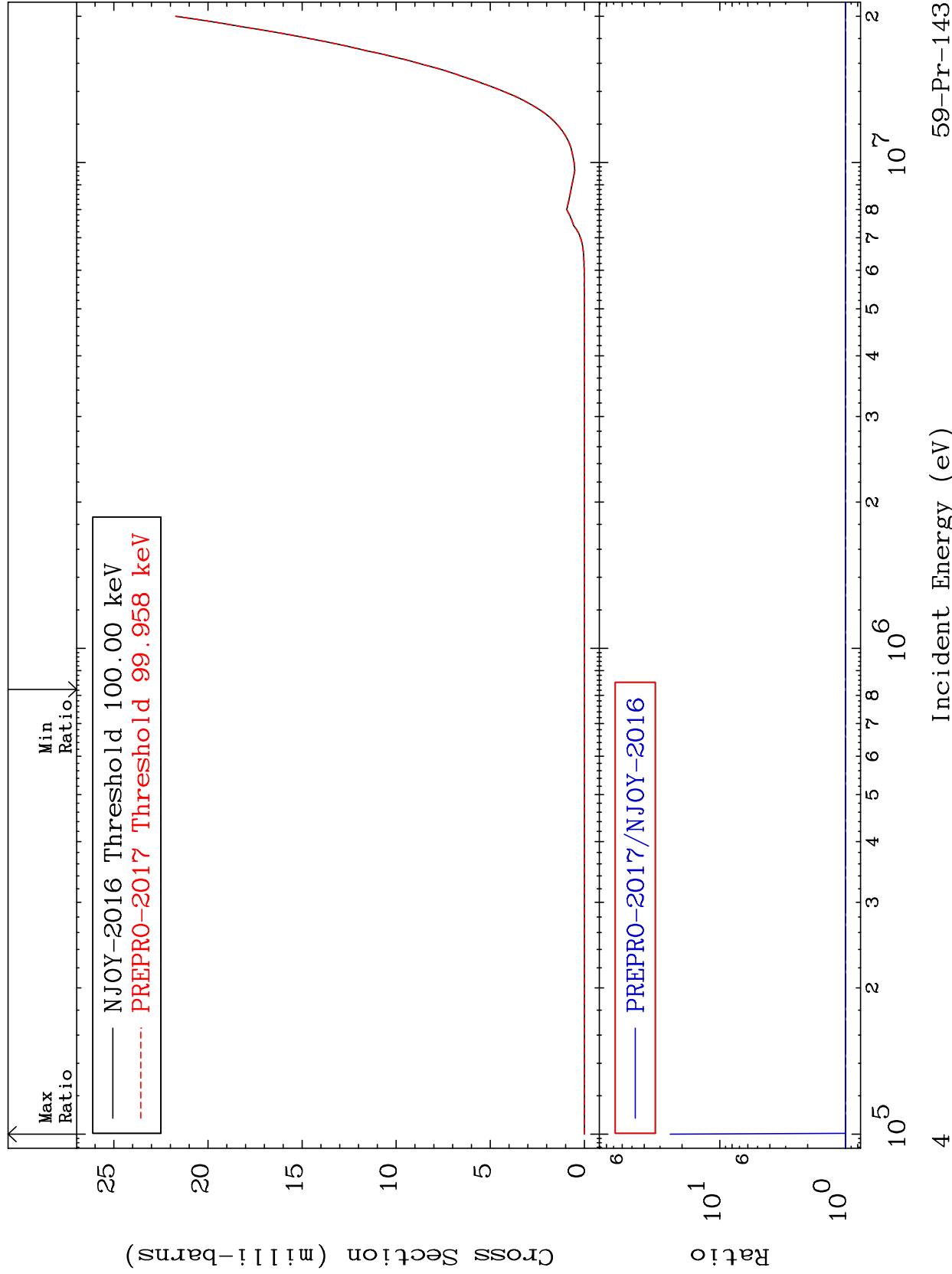
59-Pr-143
-0.010 To 0.373 %



MAT 5931

(n, n') α
Cross Section

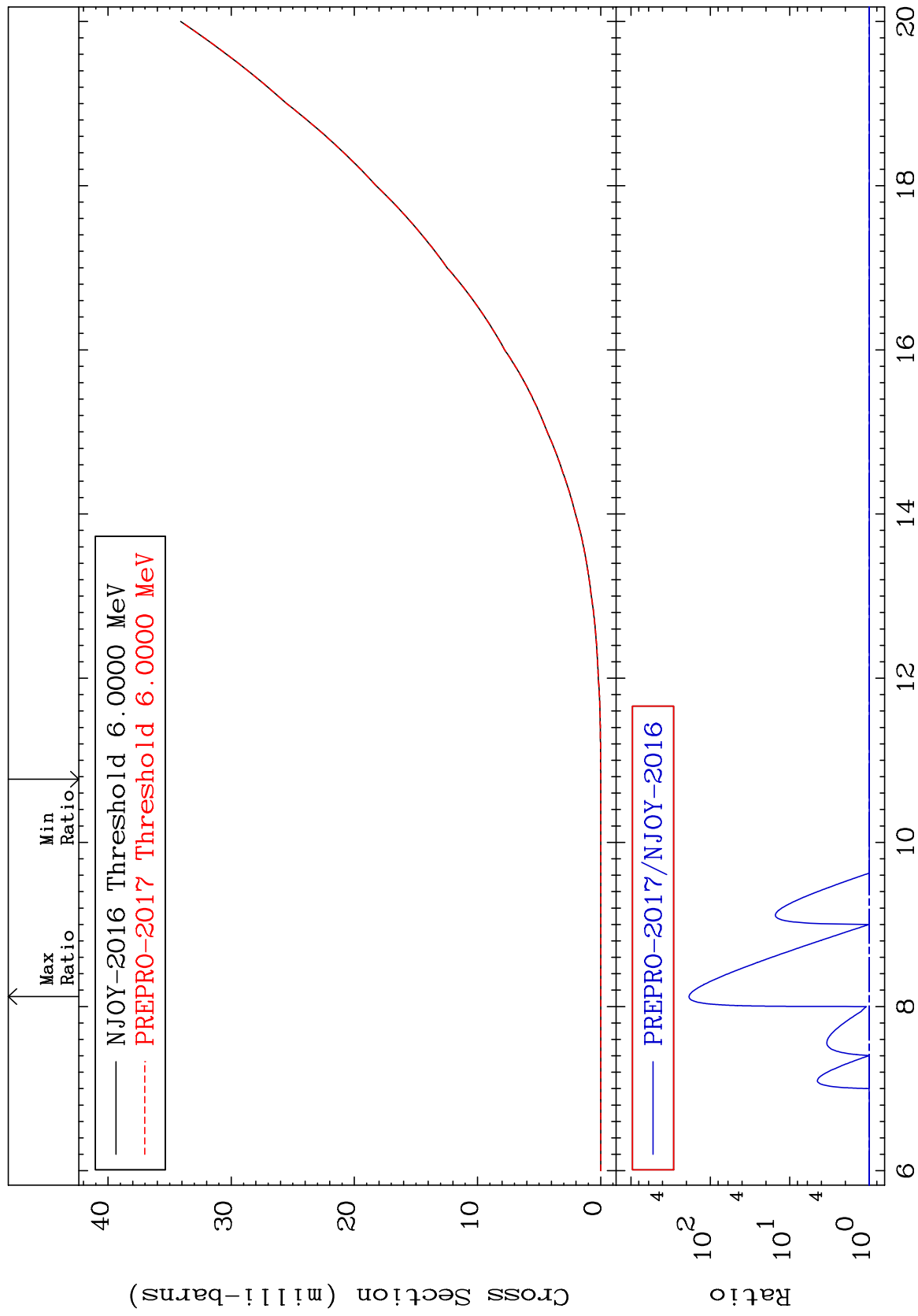
59-Pr-143
-0.256 To 2384. %



MAT 5931

(n, n') p
Cross Section

59-Pr-143
-0.225 To 9999. %



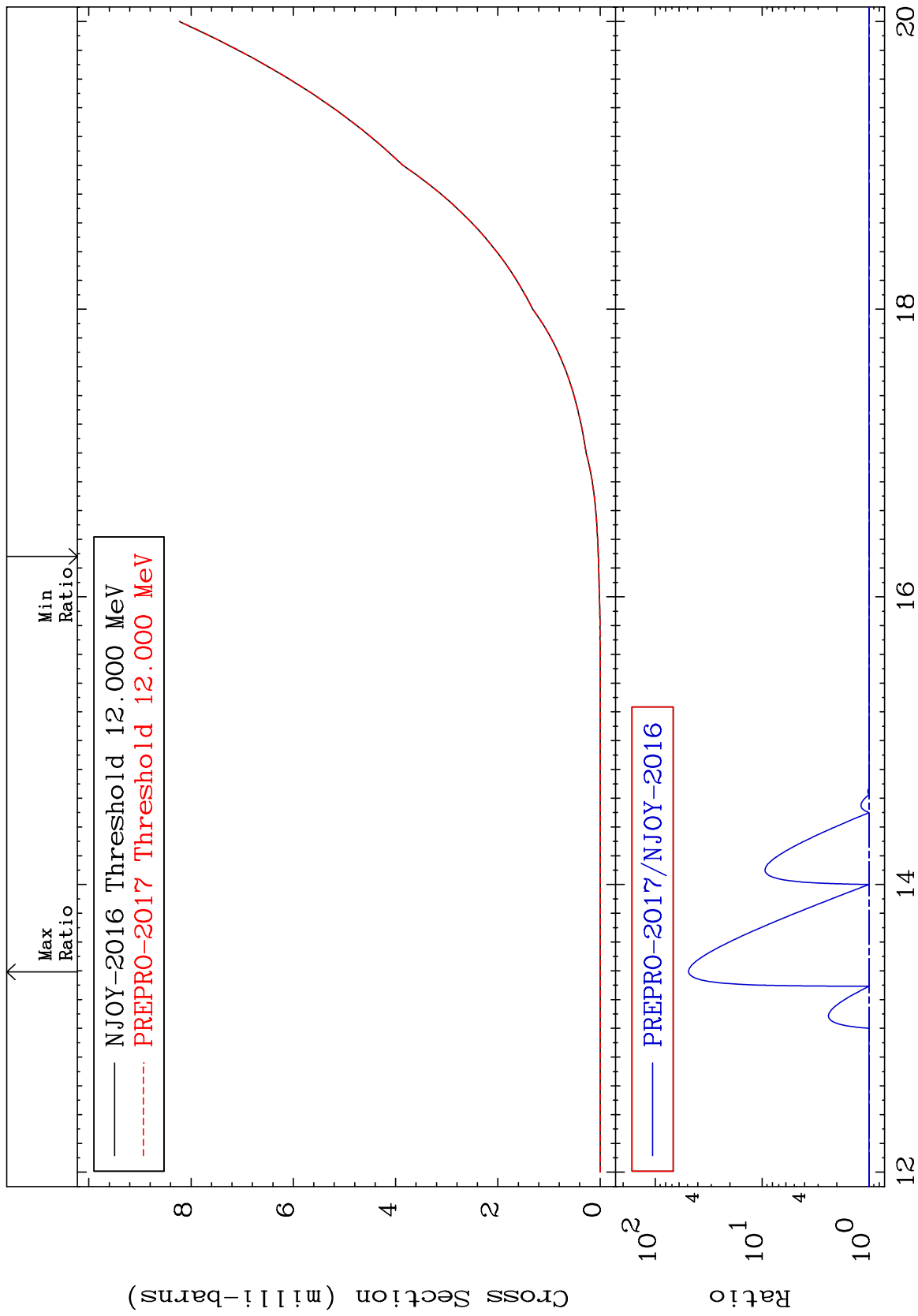
5

59-Pr-143

MAT 5931

(n, n') d
Cross Section

59-Pr-143
-0.398 To 4781. %



6

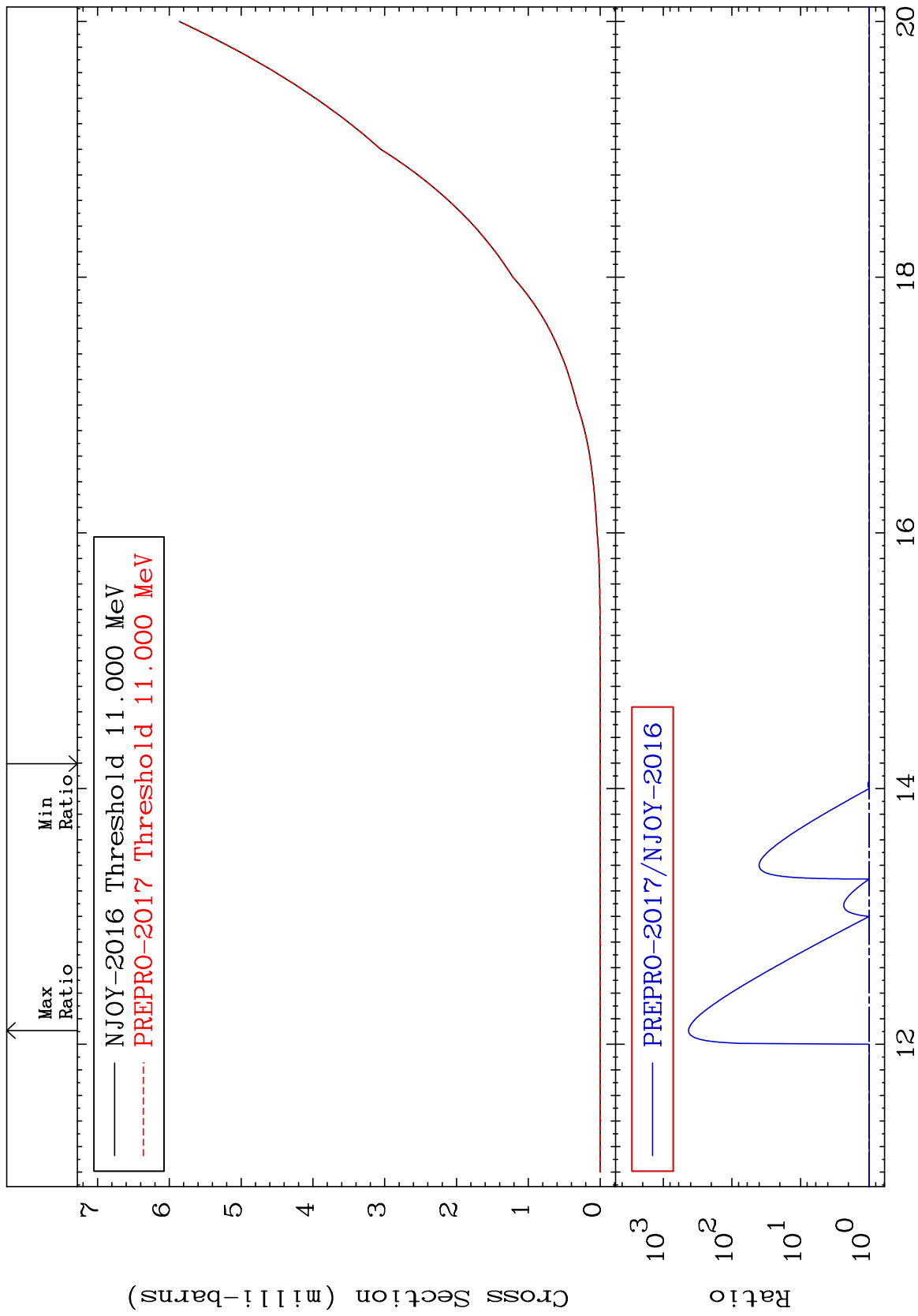
Incident Energy (MeV)

59-Pr-143

MAT 5931

(n, n') t
Cross Section

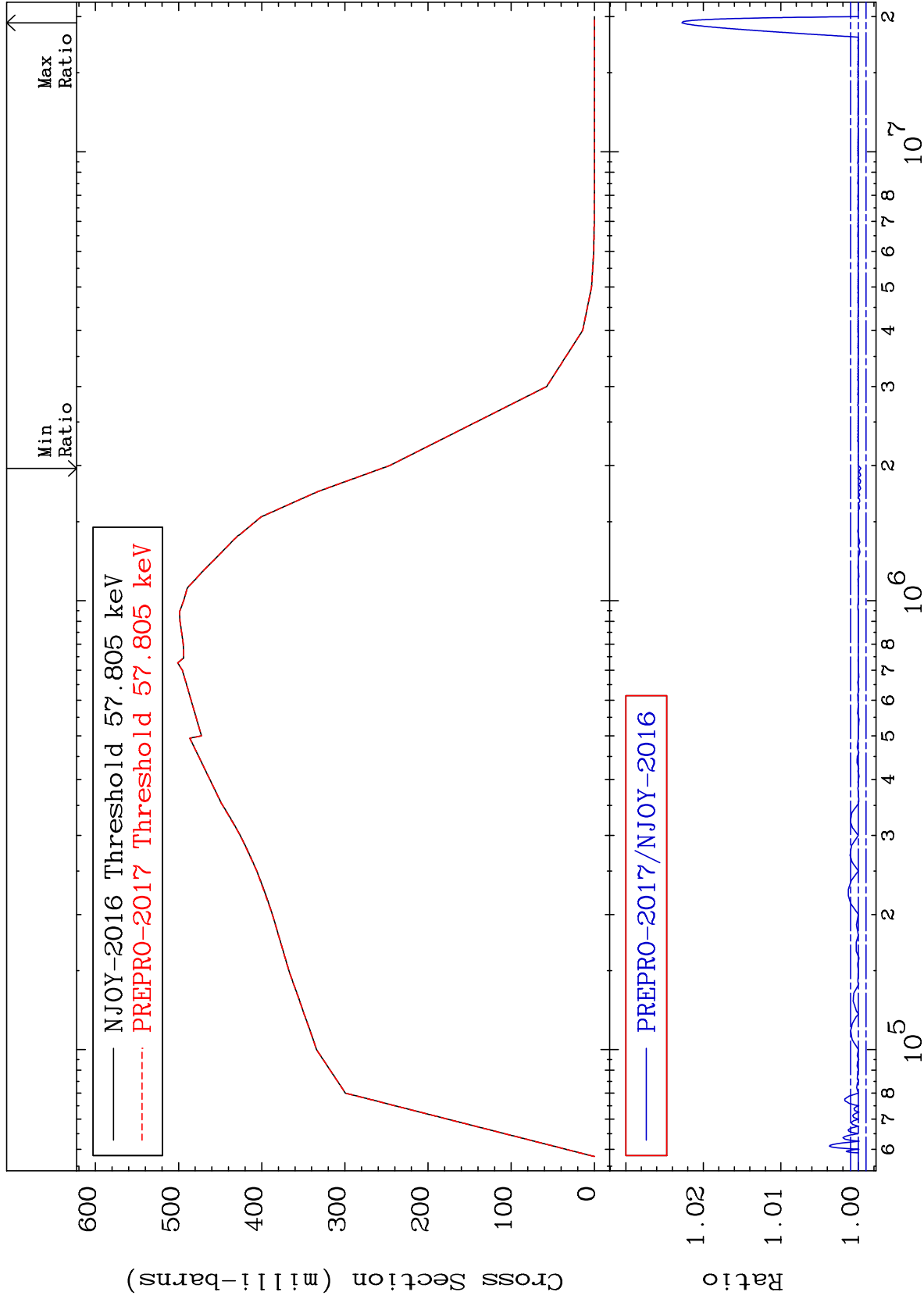
59-Pr-143
-0.264 To 9999. %



MAT 5931

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

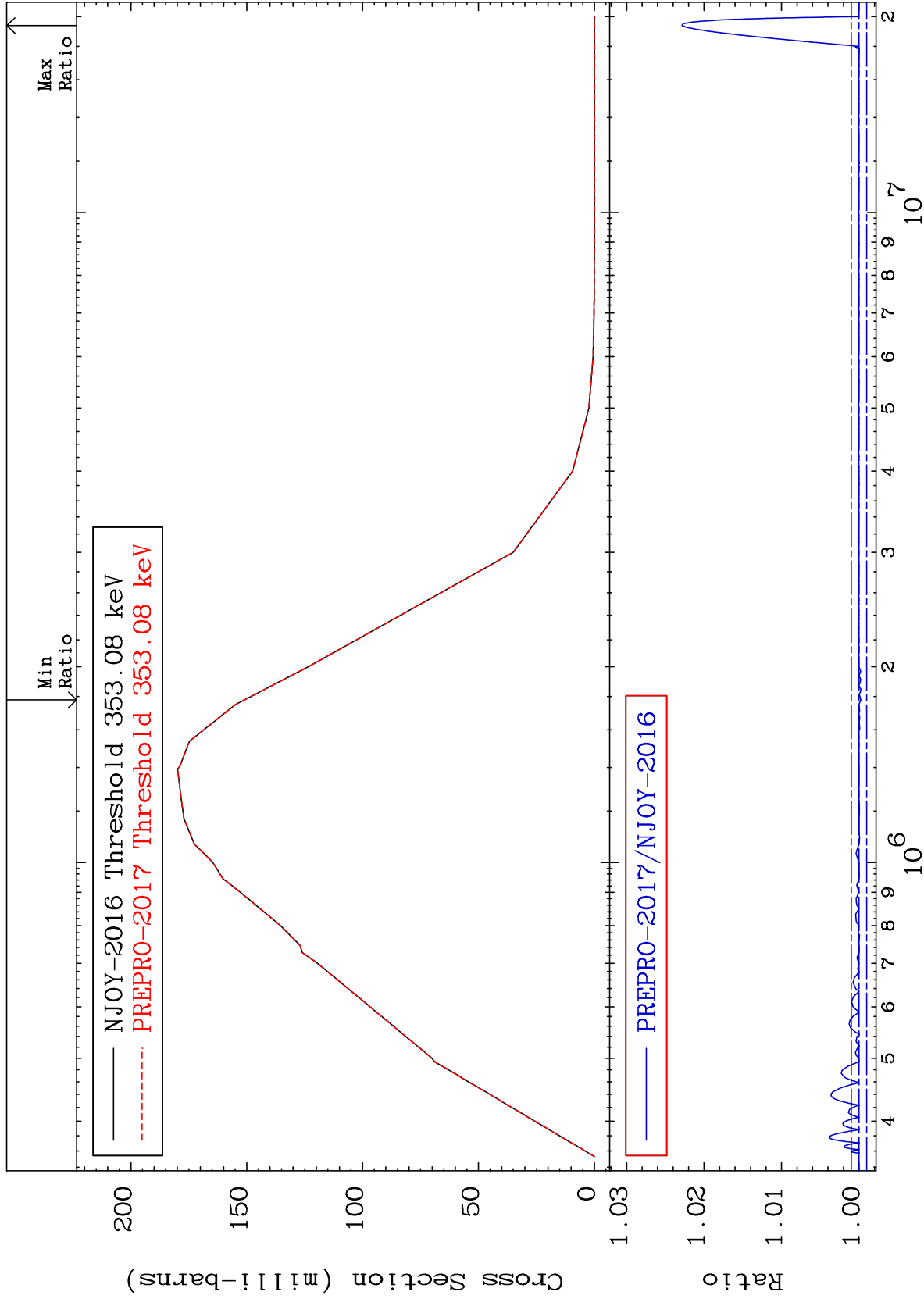
59-Pr-143
-0.032 To 2.275 %



MAT 5931

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

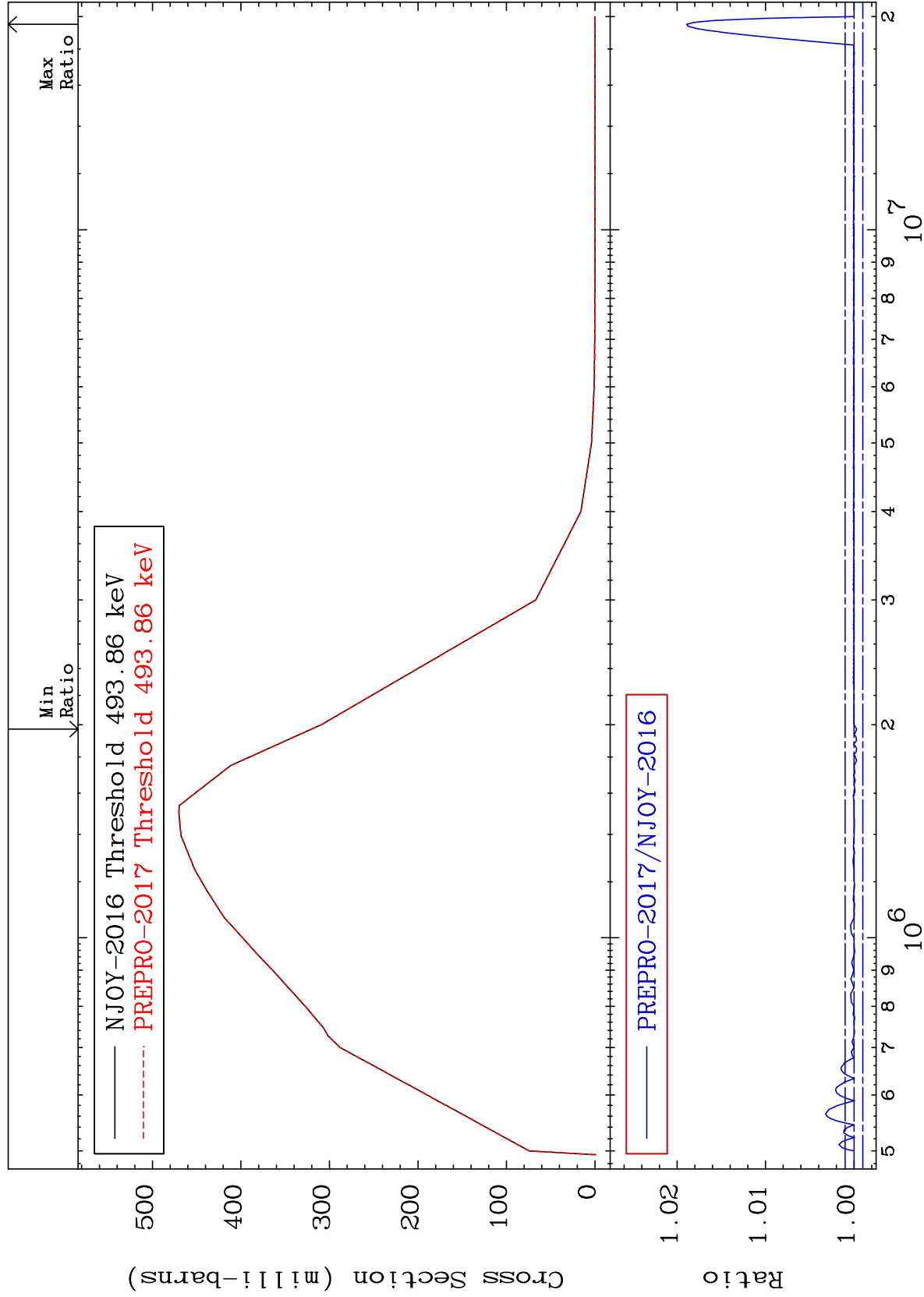
59-Pr-143
-0.024 To 2.286 %



MAT 5931

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

59-Pr-143
-0.030 To 1.892 %



10

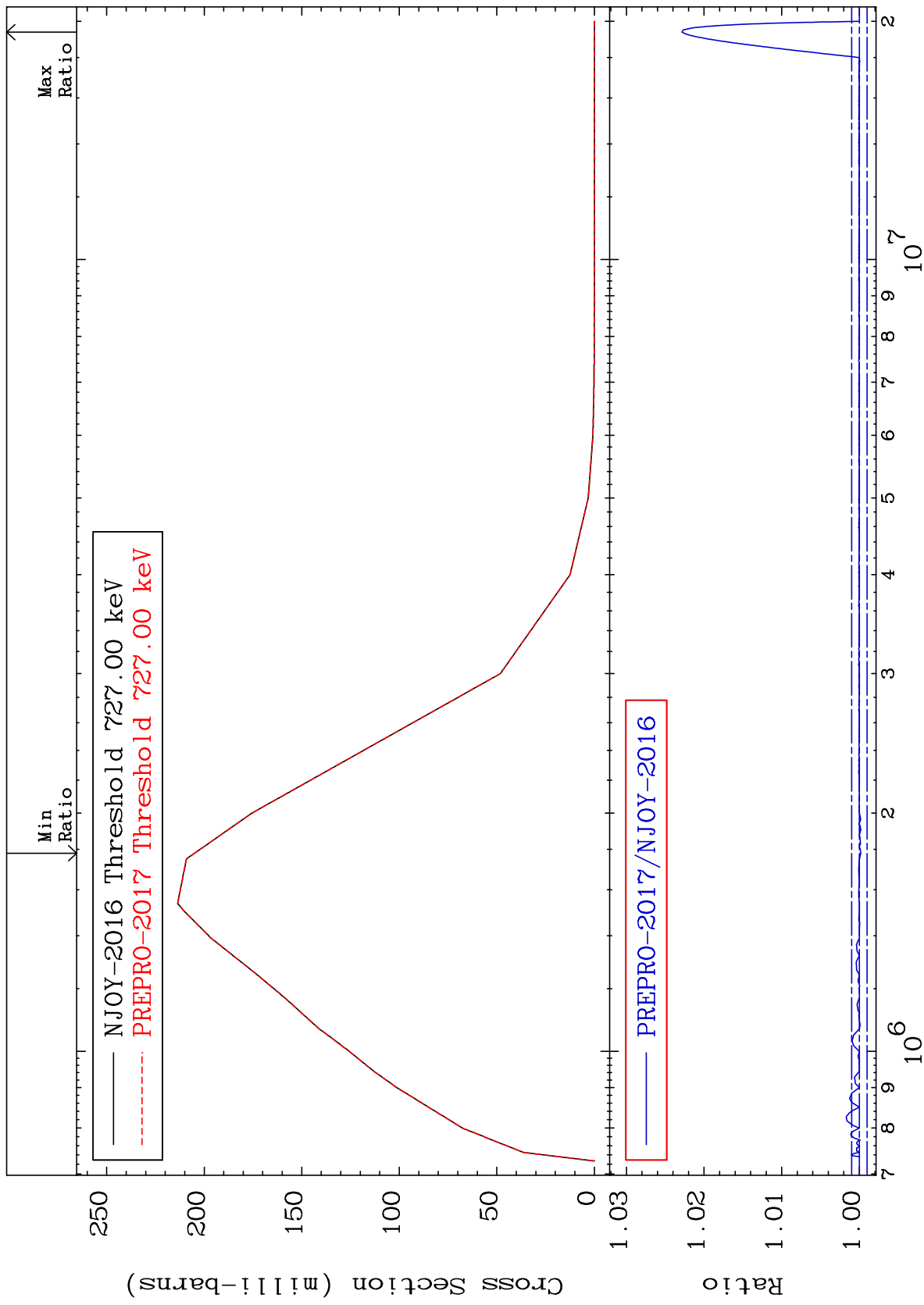
Incident Energy (eV)

59-Pr-143

MAT 5931

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

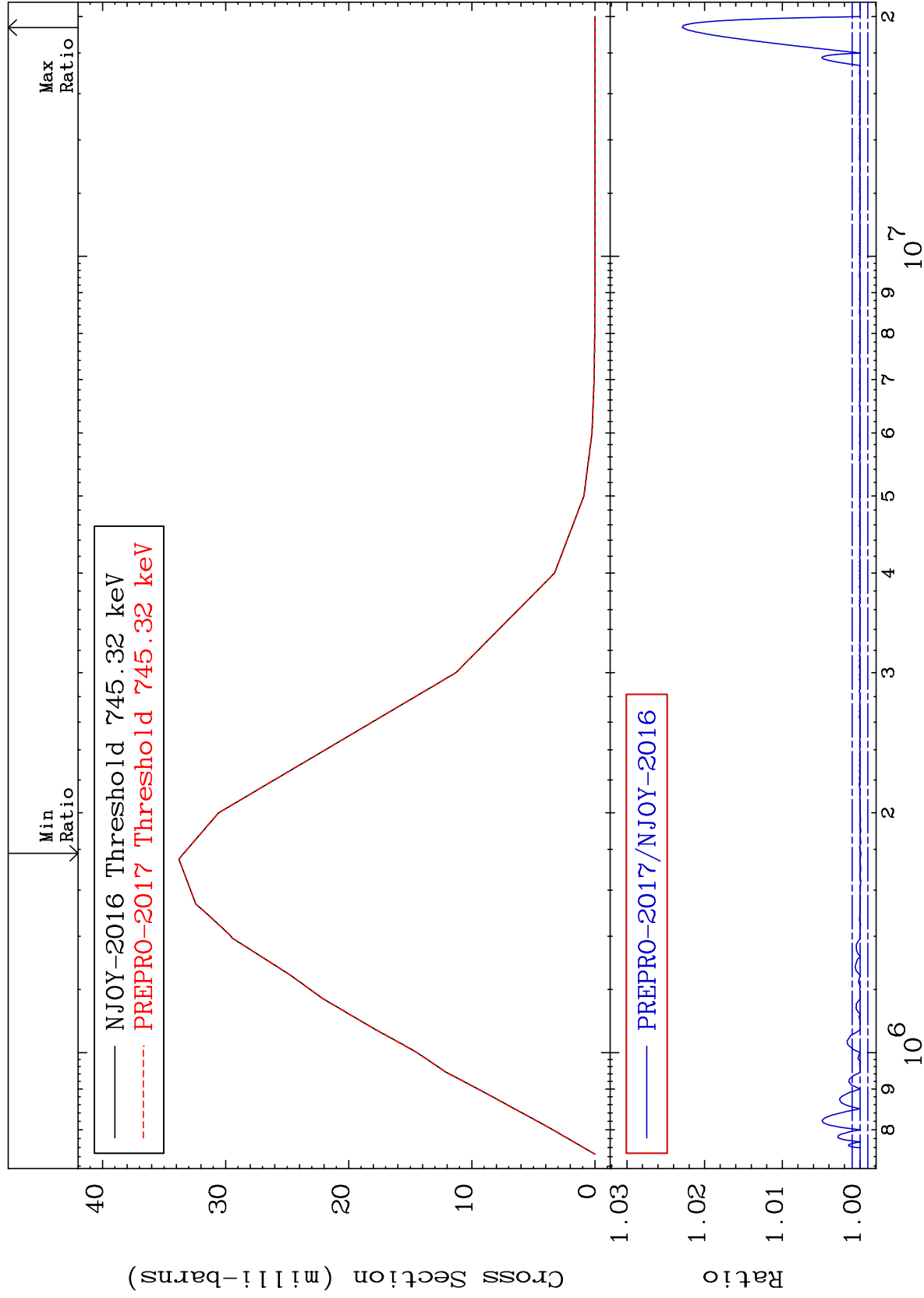
59-Pr-143
-0.019 To 2.285 %



MAT 5931

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

59-Pr-143
-0.011 To 2.287 %



12

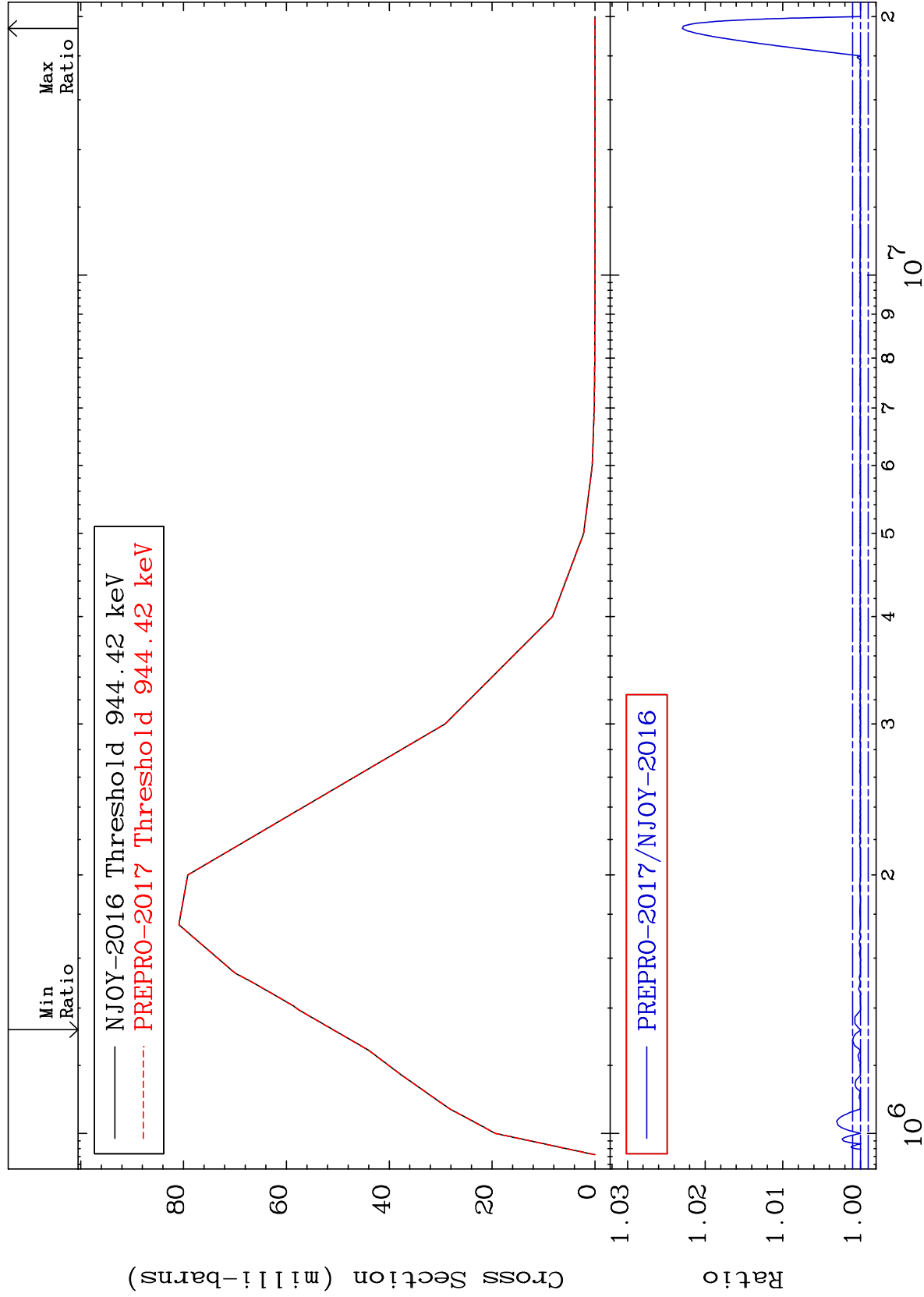
Incident Energy (eV)

59-Pr-143

MAT 5931

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

59-Pr-143
-0.007 To 2.294 %



13

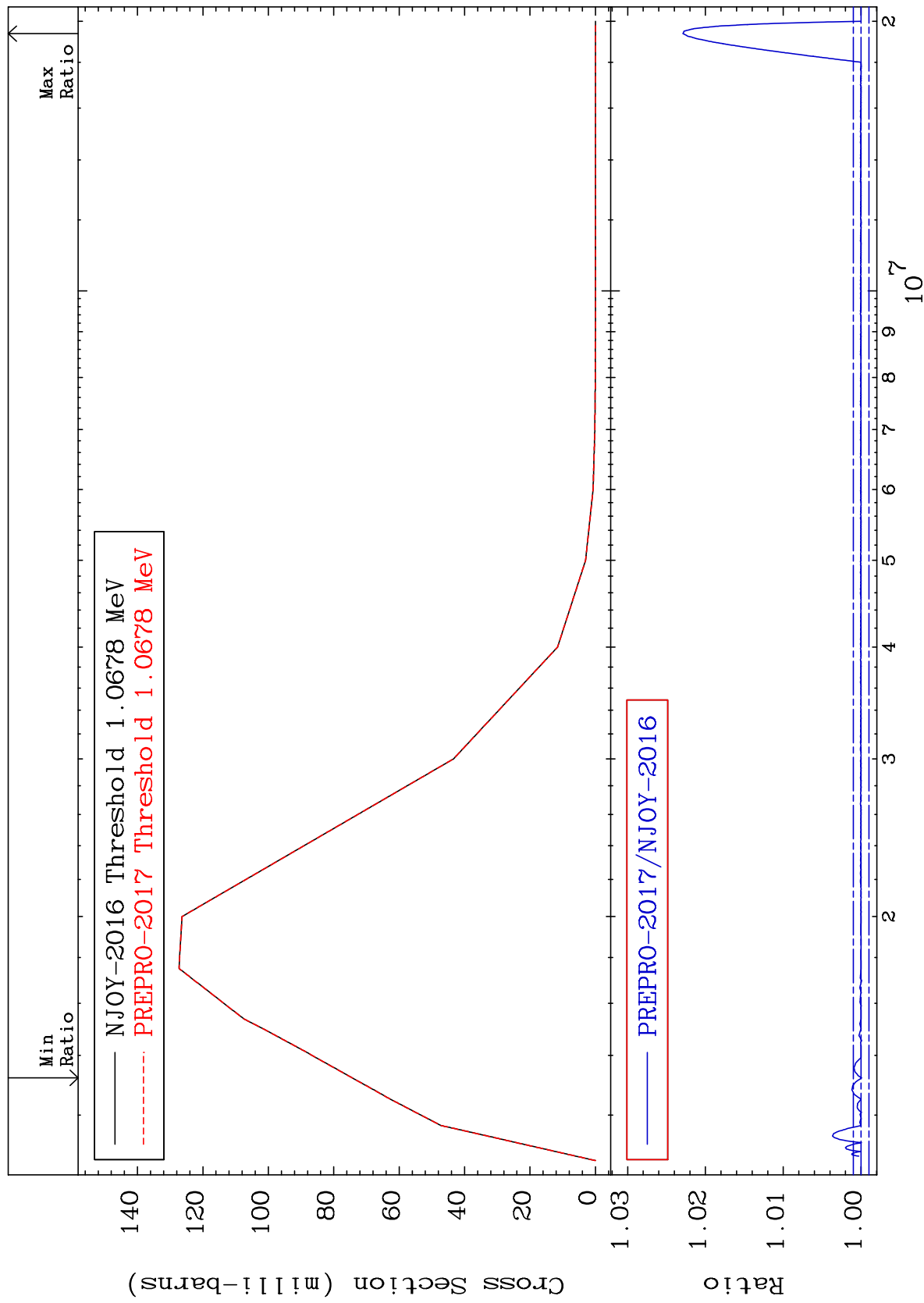
Incident Energy (eV)

59-Pr-143

MAT 5931

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

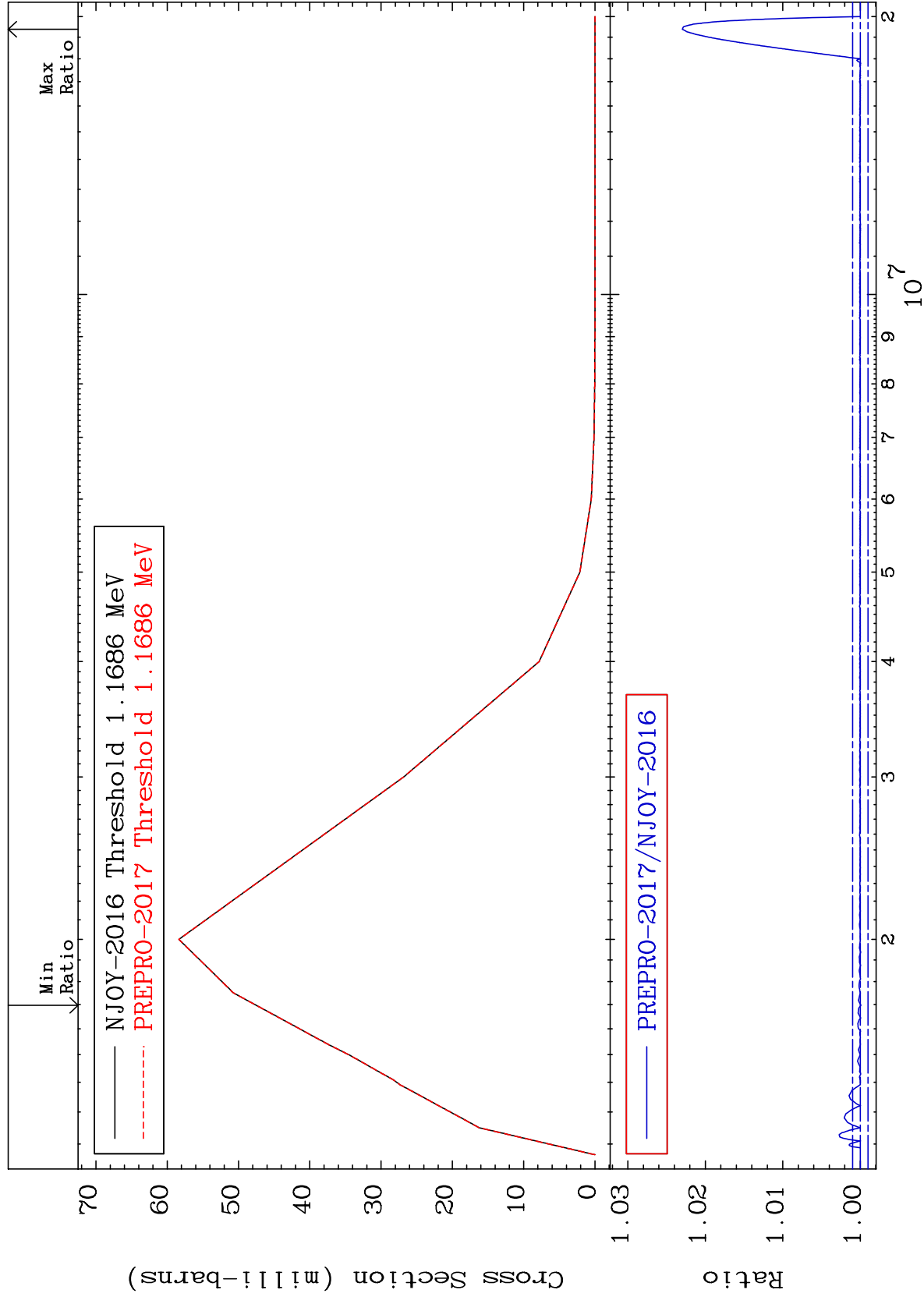
59-Pr-143
-0.008 To 2.290 %



MAT 5931

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

59-Pr-143
-0.009 To 2.297 %



15

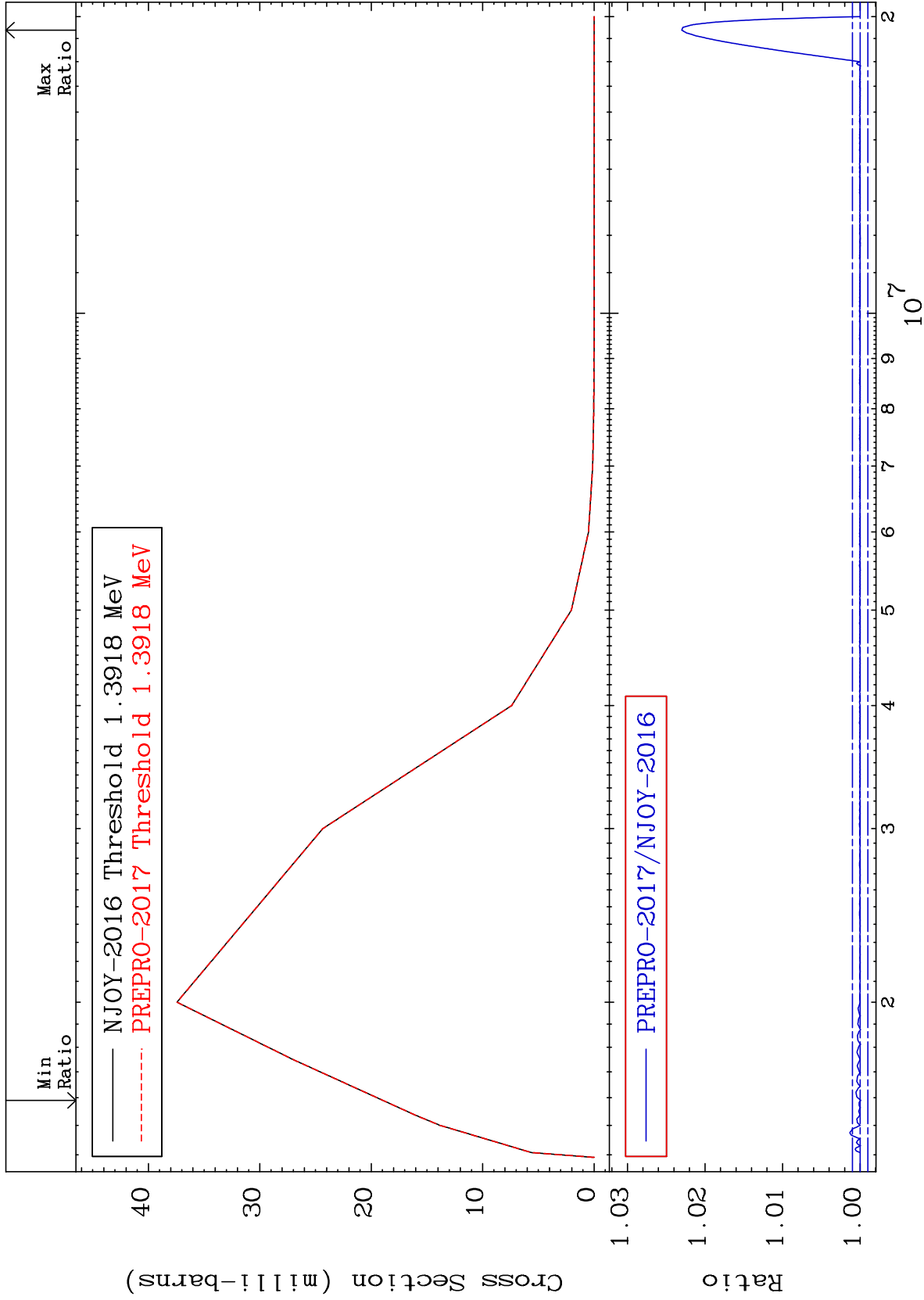
Incident Energy (eV)

59-Pr-143

MAT 5931

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

59-Pr-143
-0.008 To 2.300 %



16

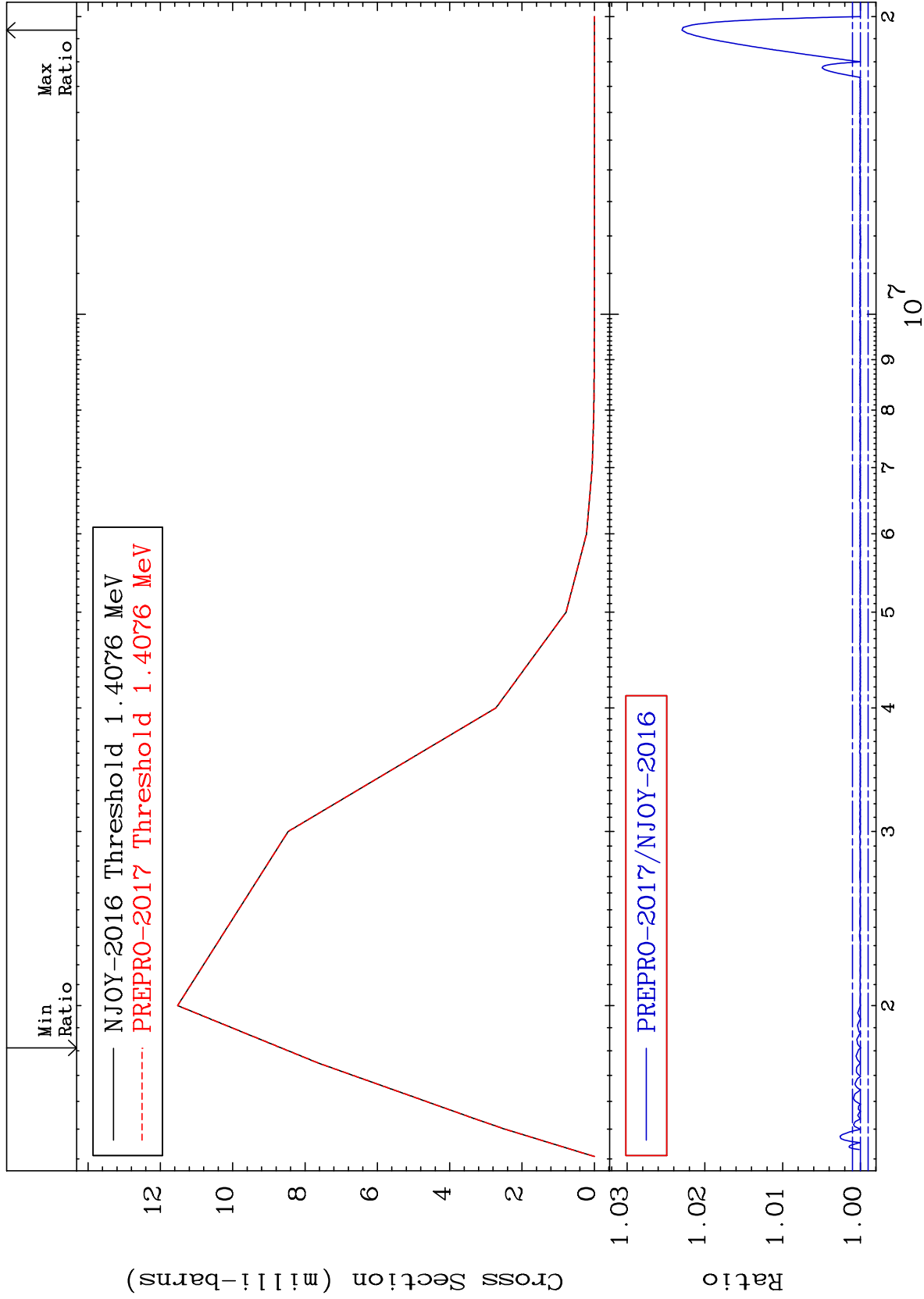
Incident Energy (eV)

59-Pr-143

MAT 5931

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

59-Pr-143
-0.006 To 2.295 %



17

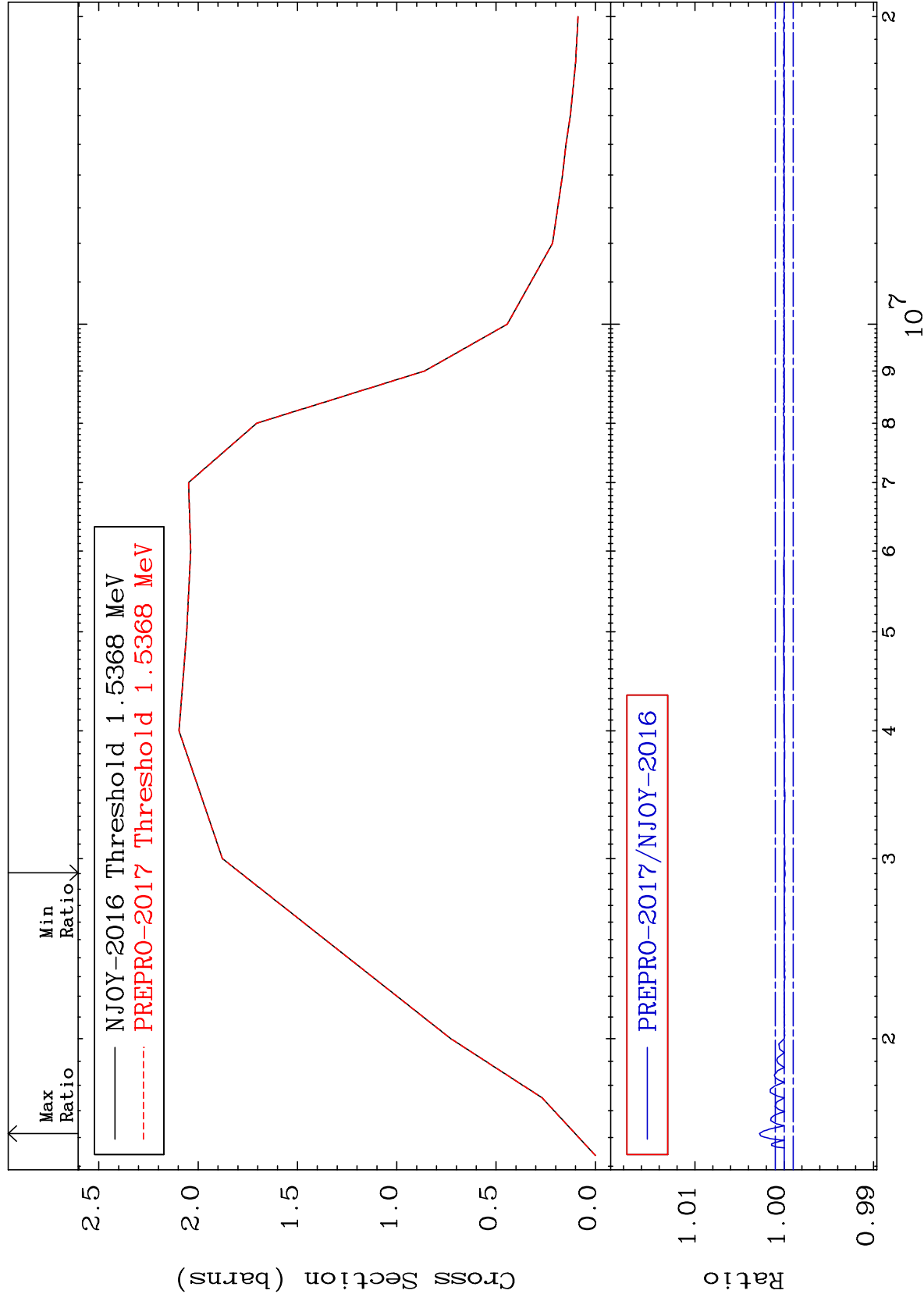
Incident Energy (eV)

59-Pr-143

MAT 5931

(n,n') Continuum
Cross Section

59-Pr-143
-0.010 To 0.276 %



18

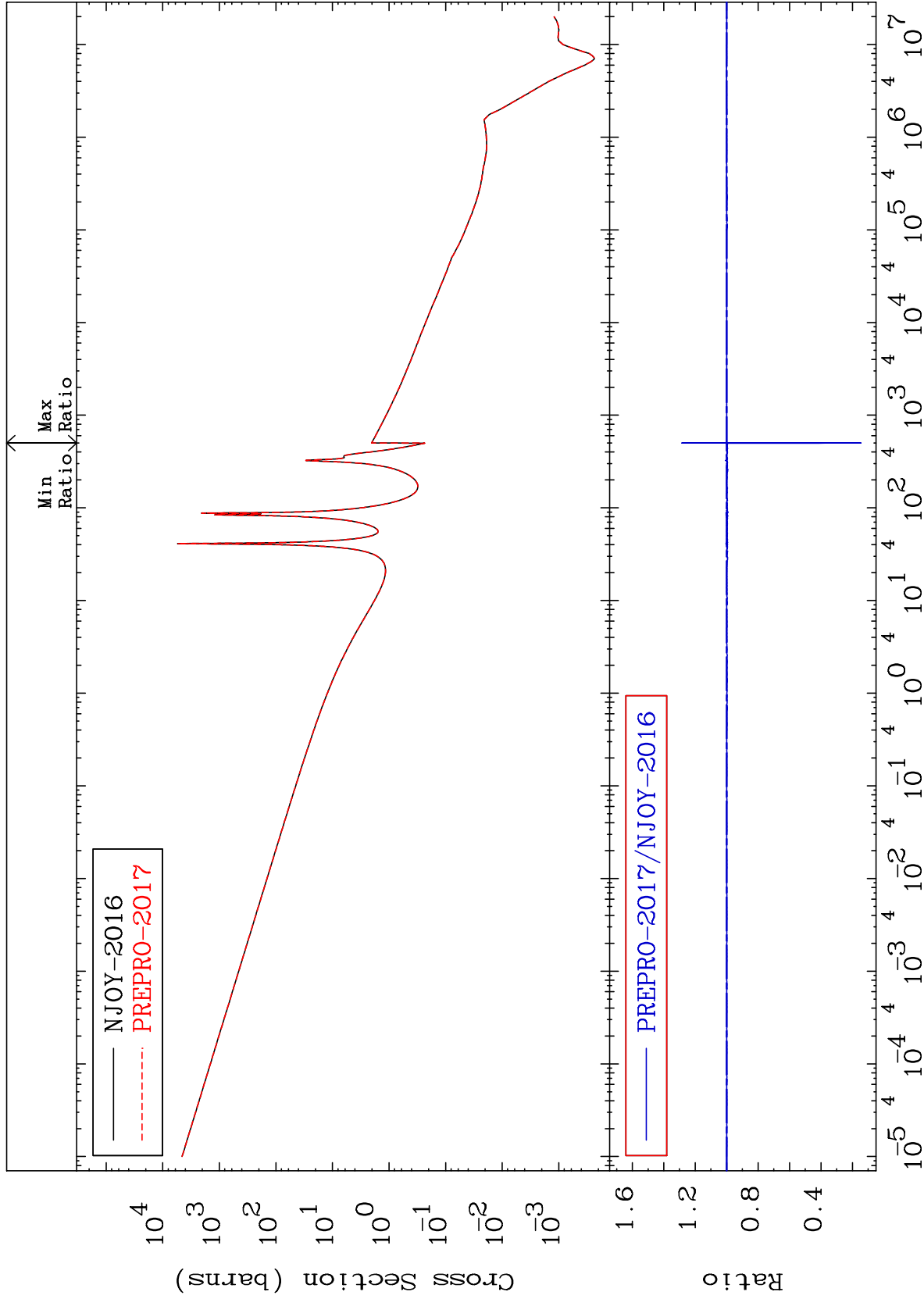
Incident Energy (eV)

59-Pr-143

MAT 5931

(n, γ)
Cross Section

59-Pr-143
-85.35 To 28.44 %



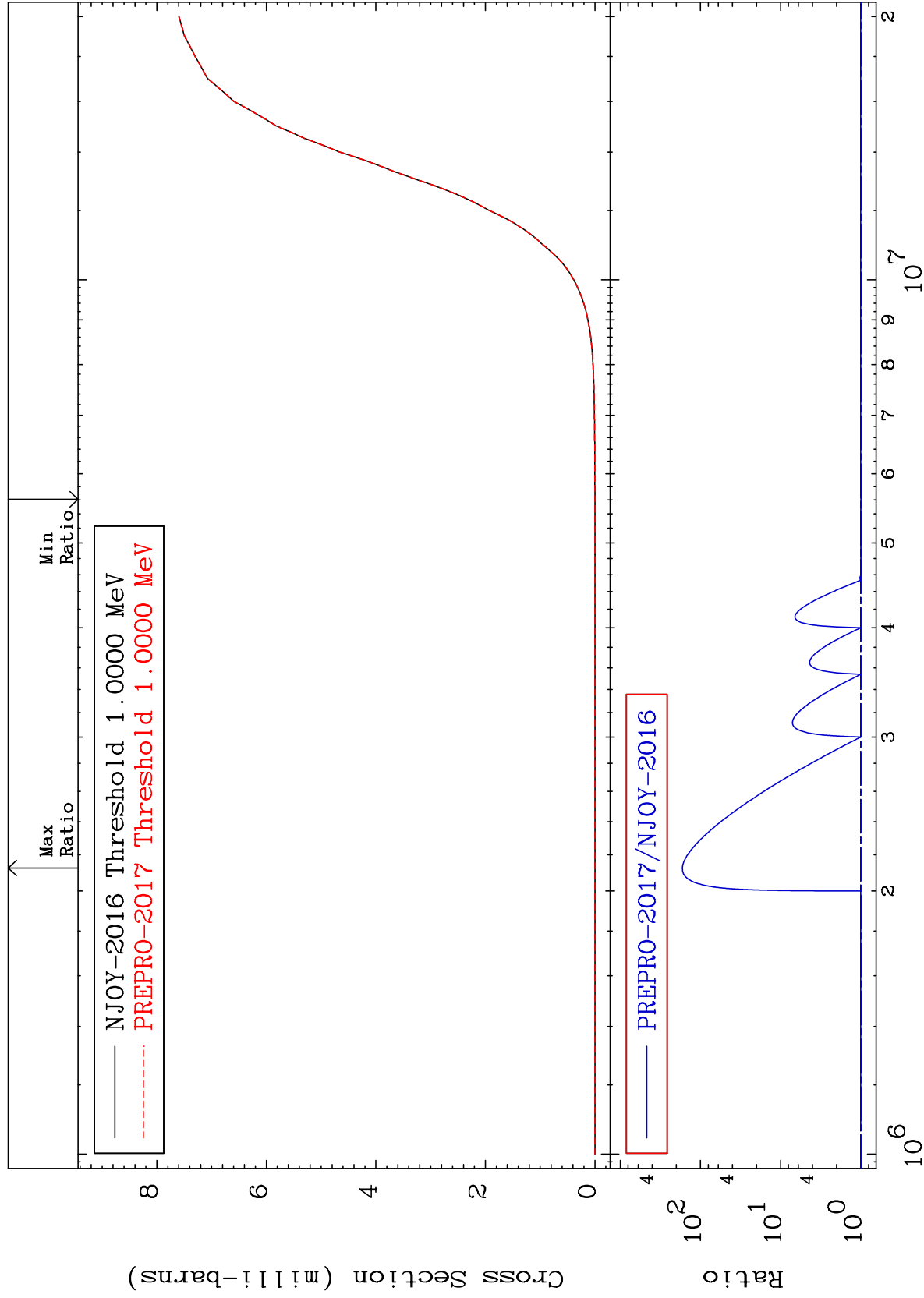
MAT 5931

(n,p)

59-Pr-143

Cross Section

-0.421 To 9999. %



20

Incident Energy (eV)

59-Pr-143

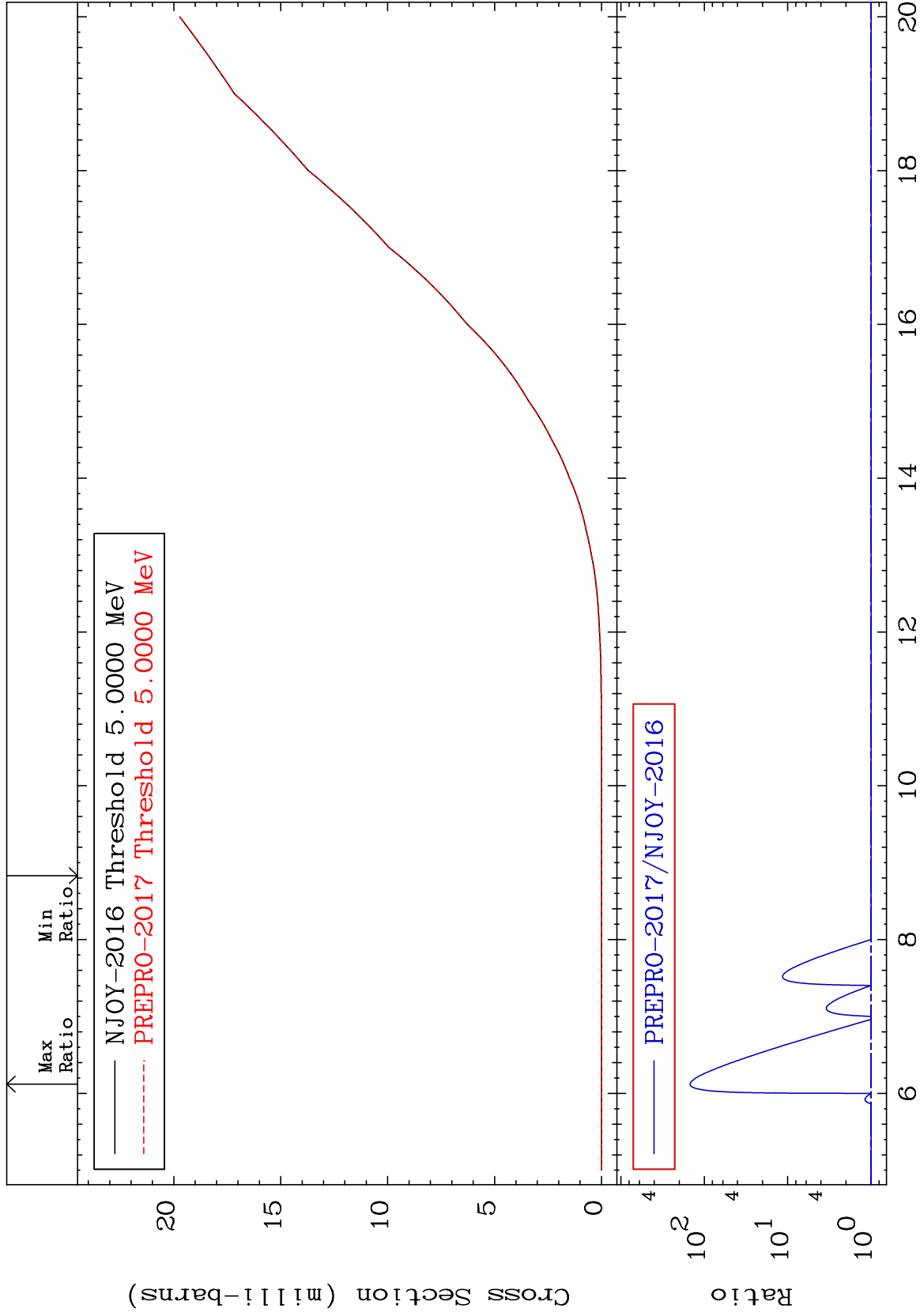
MAT 5931

(n, d)

59-Pr-143

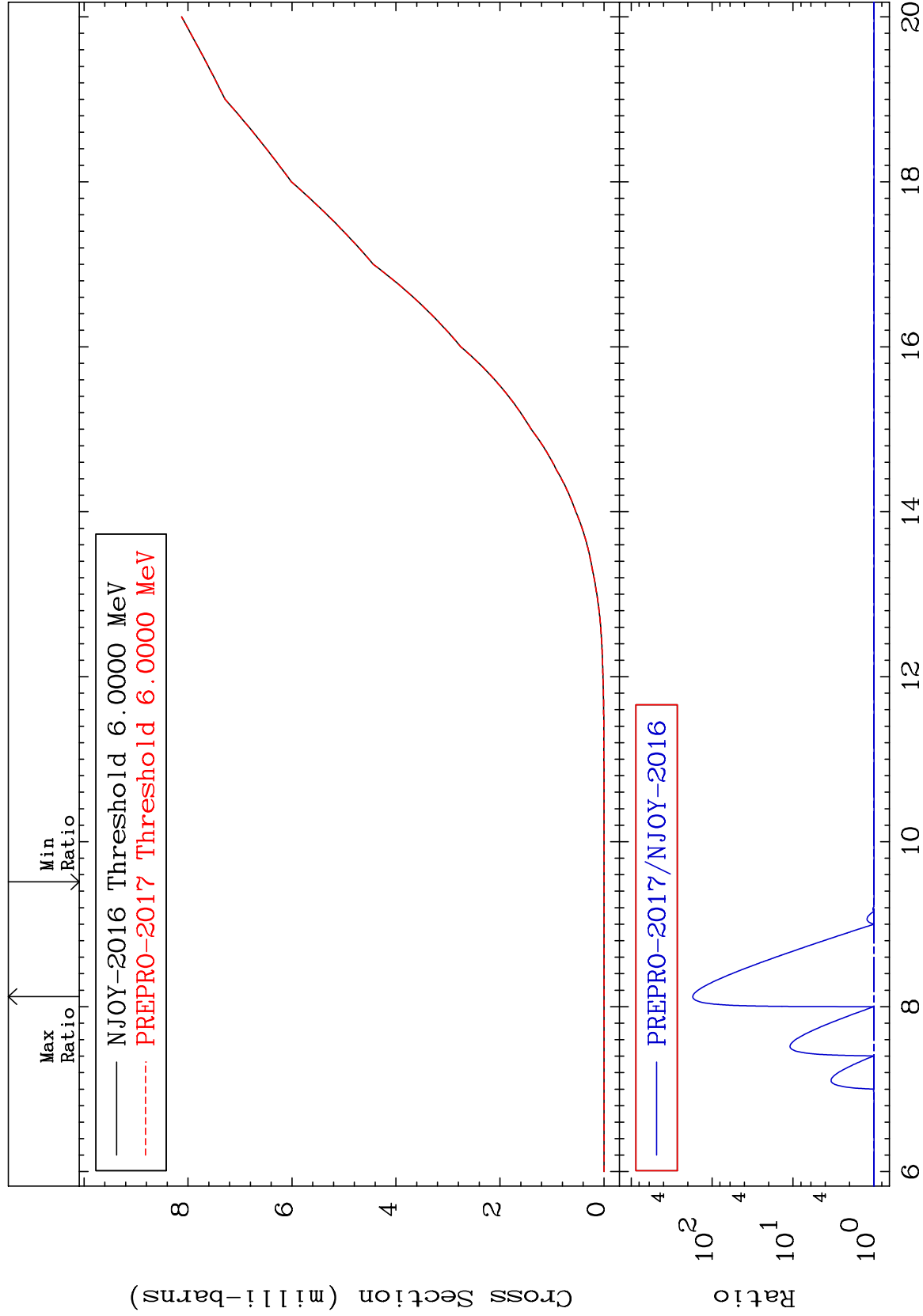
Cross Section

-0.138 To 9999. %



Cross Section

-0.248 To 9999. %



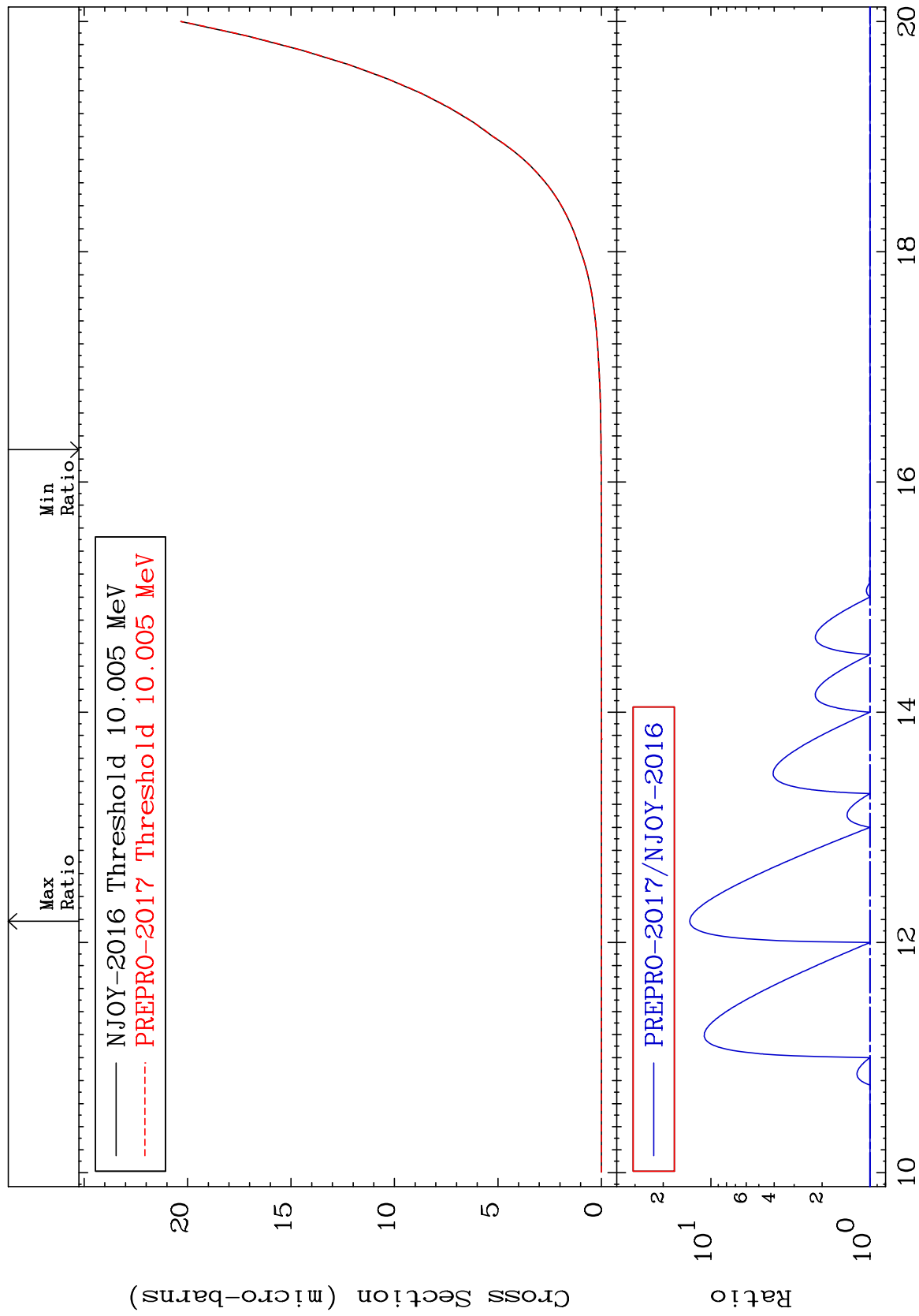
MAT 5931

(n, He-3)

59-Pr-143

Cross Section

-0.431 To 1260. %

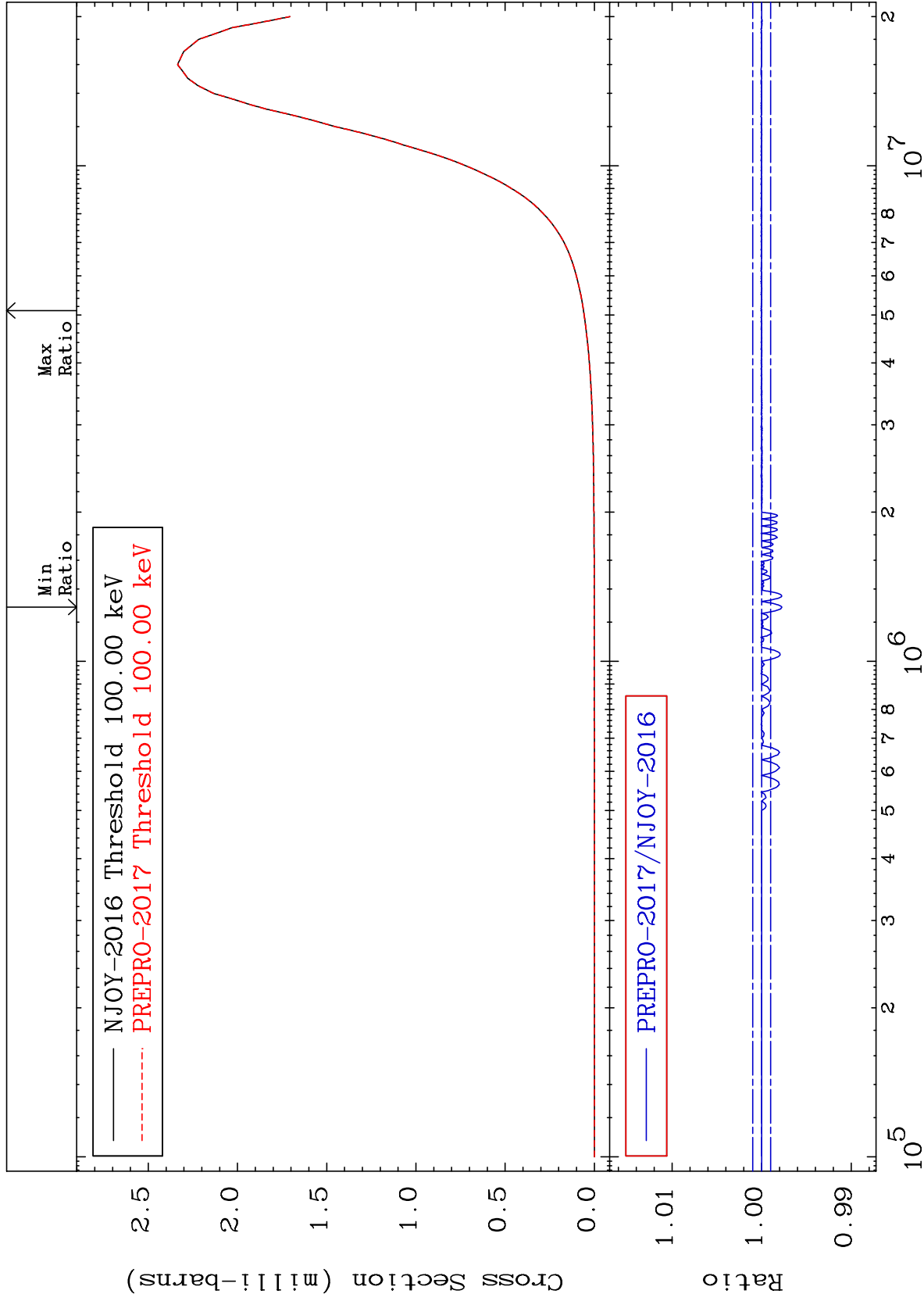


23

59-Pr-143

MAT 5931

(n, α)
Cross Section
59-Pr-143
-0.226 To 0.010 %



24

Incident Energy (eV)

59-Pr-143