

Program Complot
(Version 2017-1)

by

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Press Mouse Button to Start

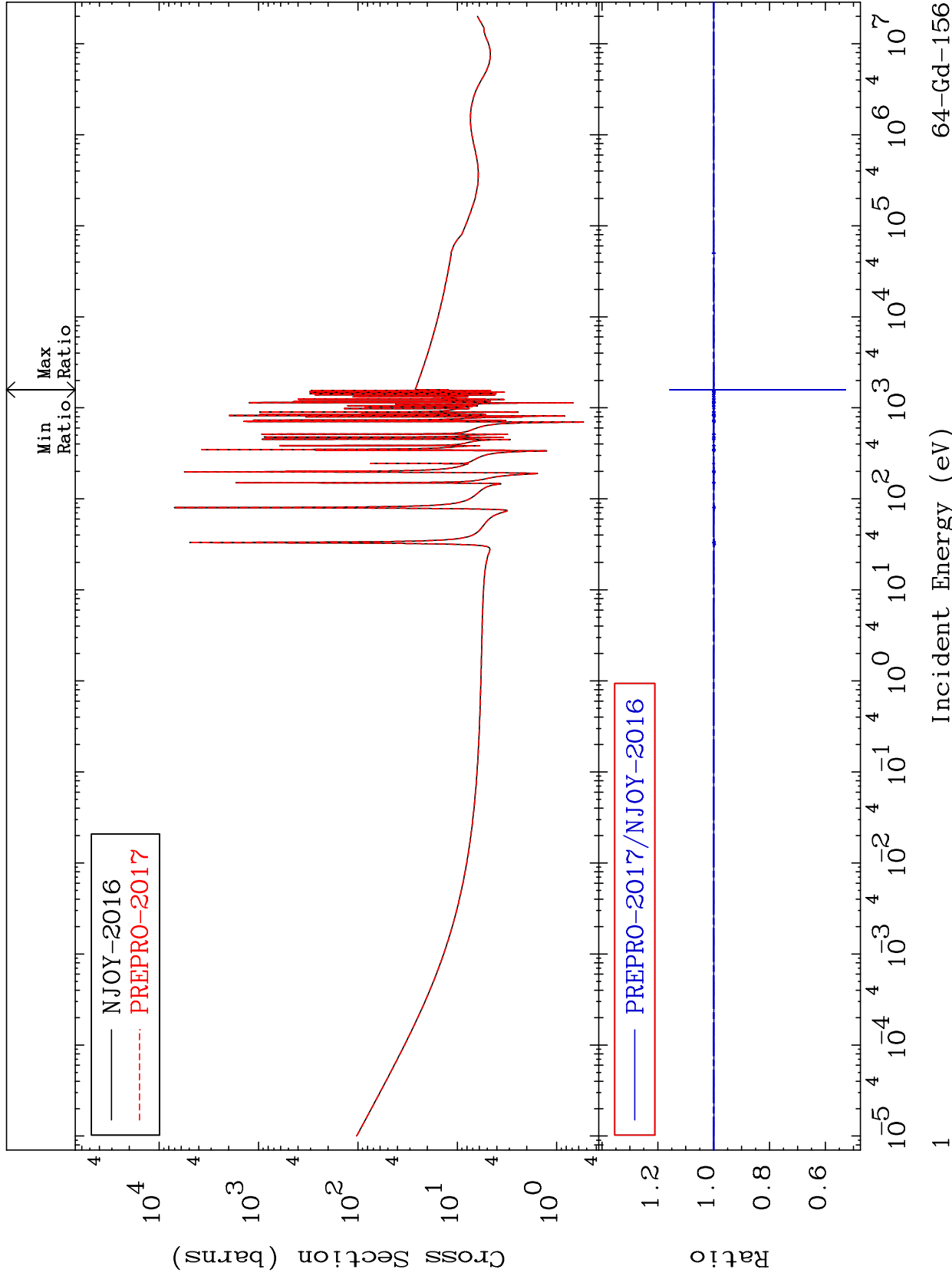
MAT 6437

Total

Cross Section

64-Gd-156

-47.16 To 15.72 %



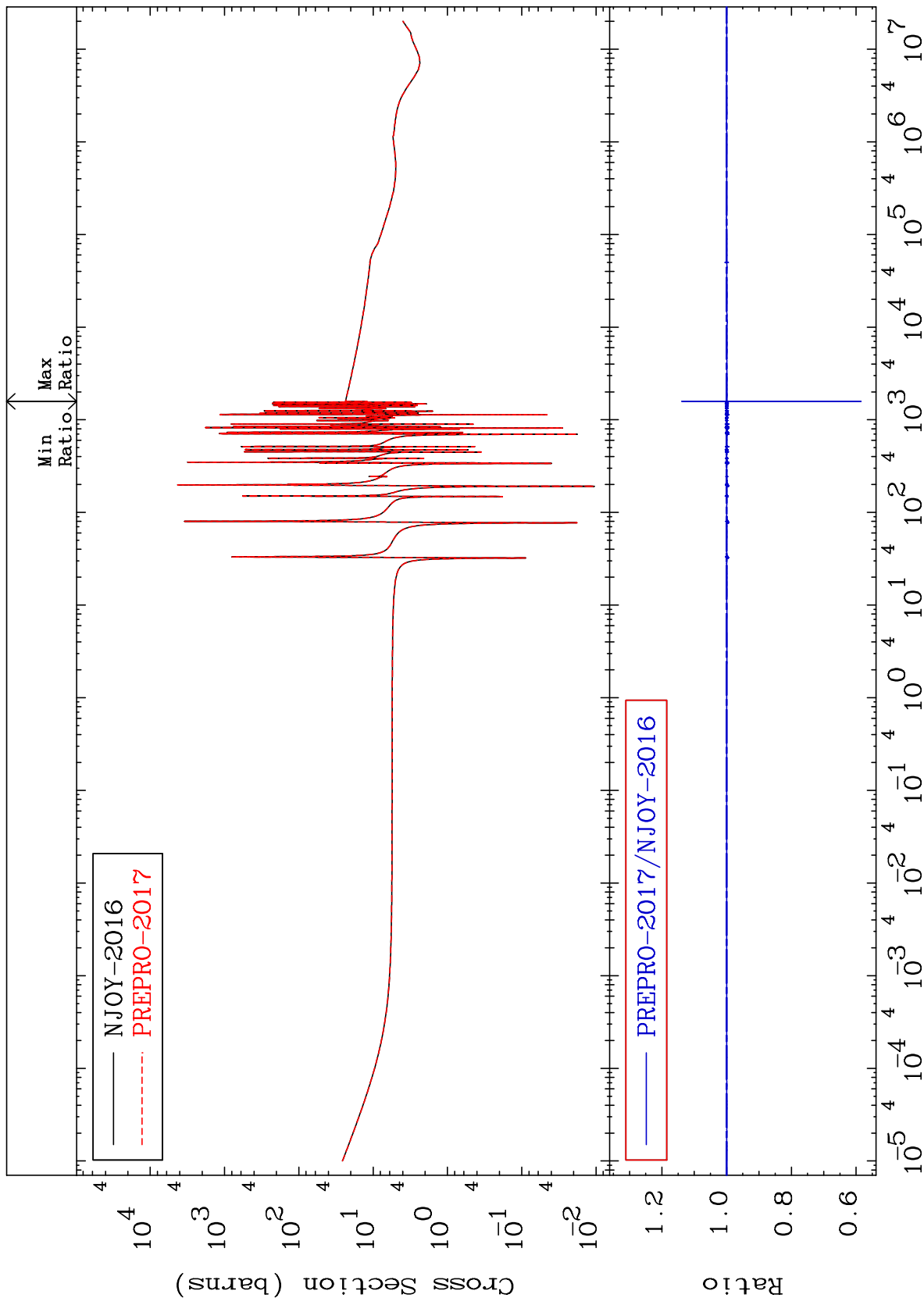
64-Gd-156

Incident Energy (eV)

MAT 6437

Elastic
Cross Section

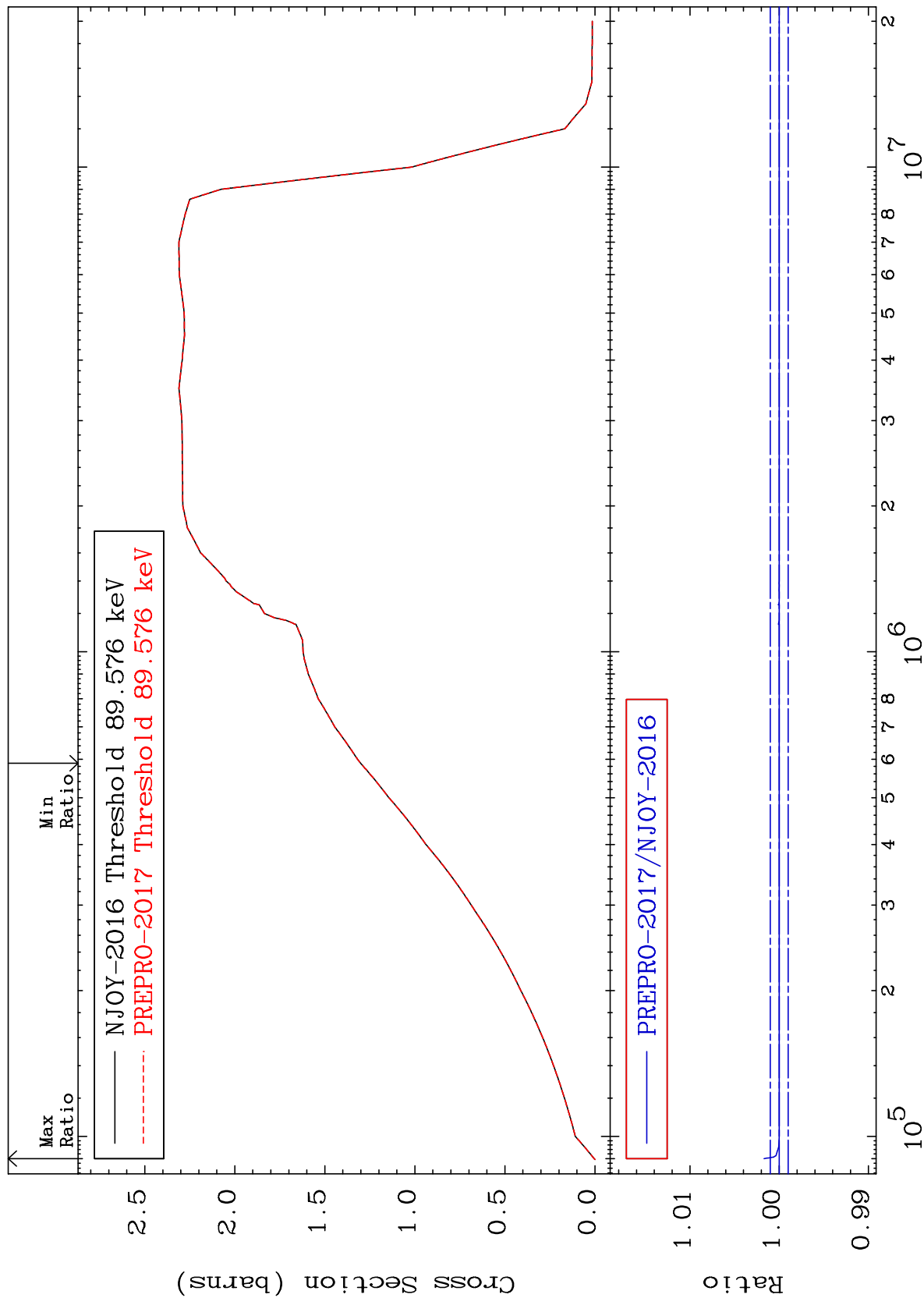
64-Gd-156
-41.47 To 13.81 %



MAT 6437

Inelastic
Cross Section

64-Gd-156
To 0.170 %



3

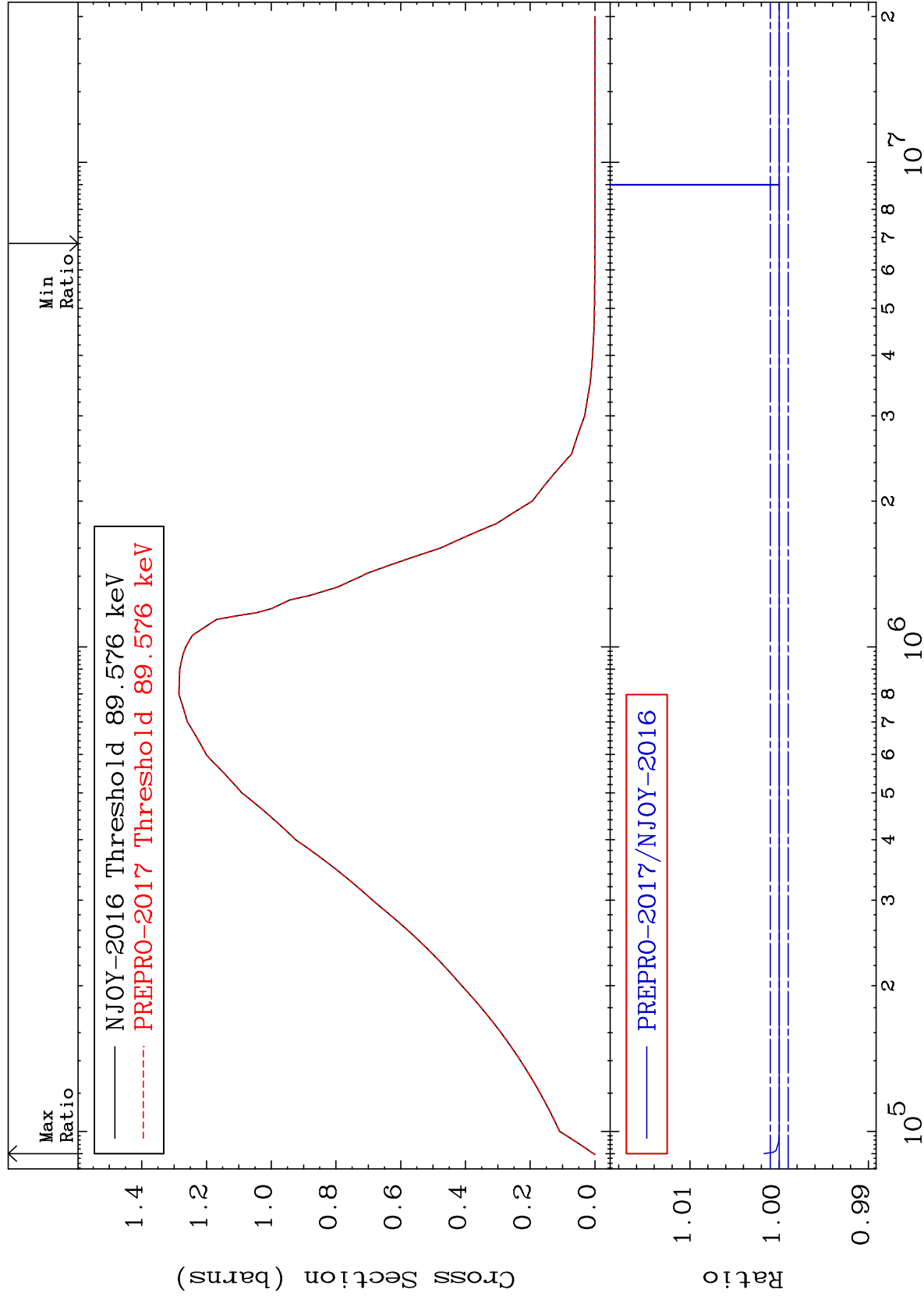
Incident Energy (eV)

64-Gd-156

MAT 6437

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

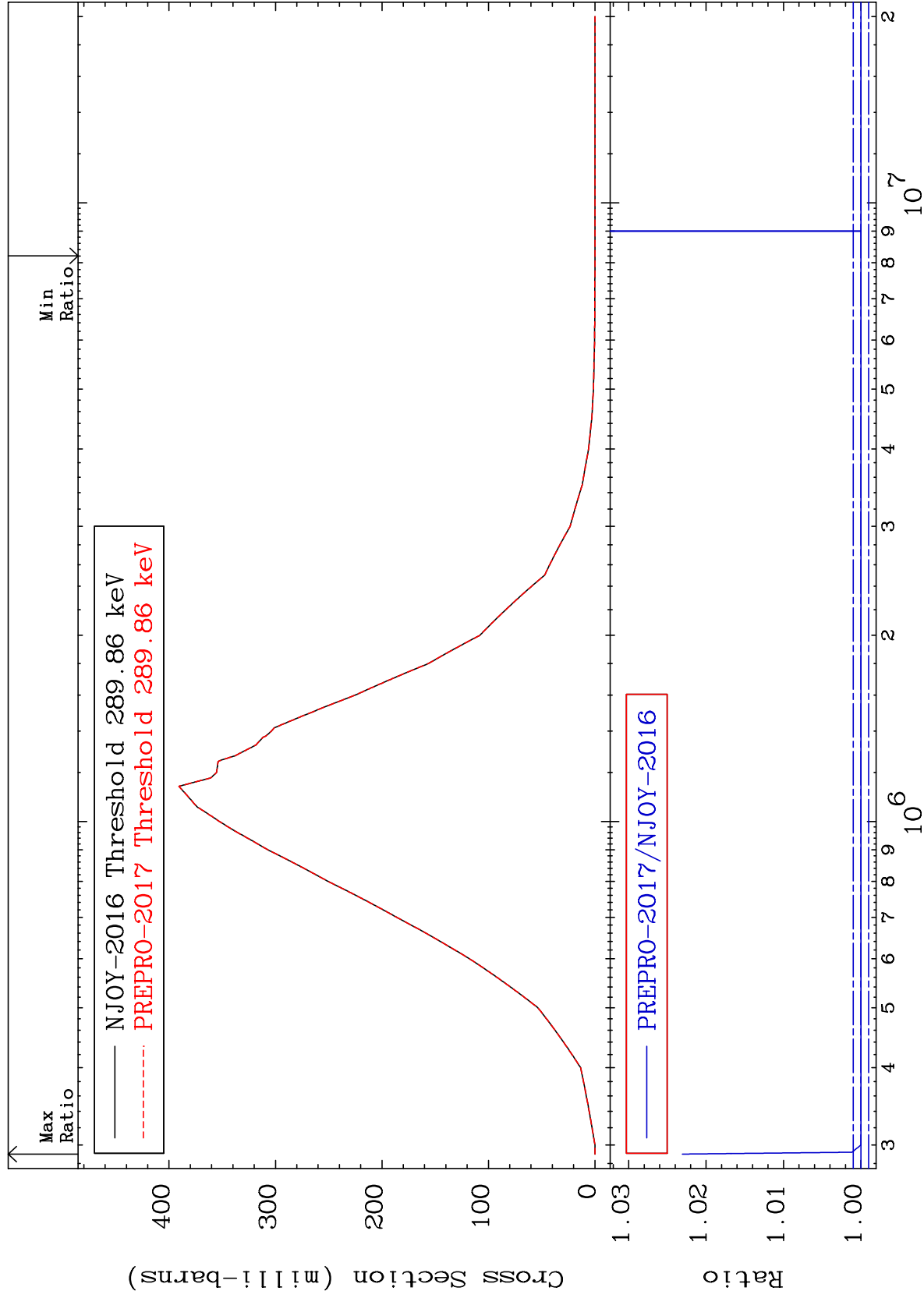
64-Gd-156
0.000 To 0.170 %



MAT 6437

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

64-Gd-156
0.000 To 2.307 %



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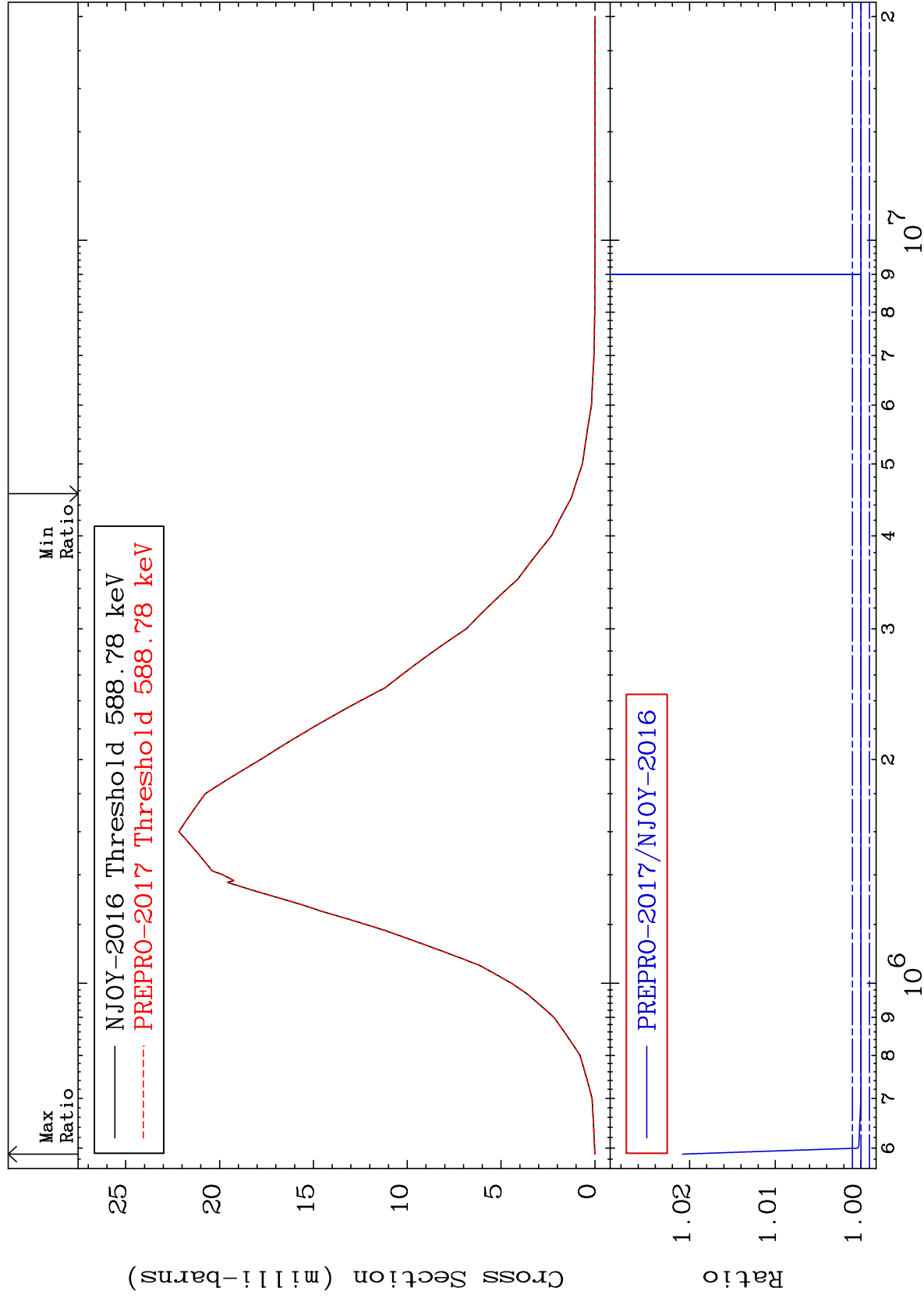
Incident Energy (eV)

64-Gd-156

MAT 6437

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

64-Gd-156
0.000 To 2.084 %



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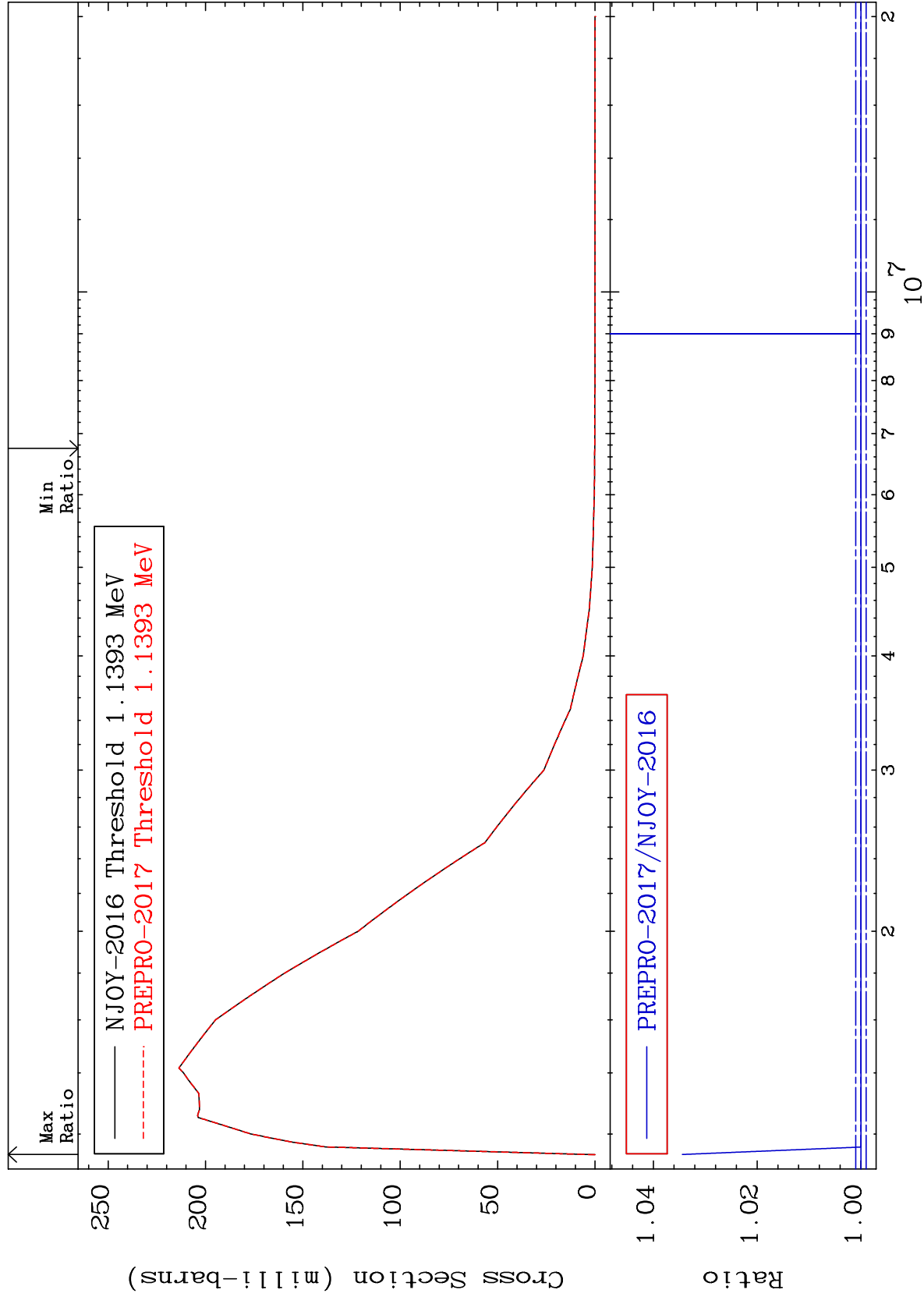
Incident Energy (eV)

64-Gd-156

MAT 6437

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

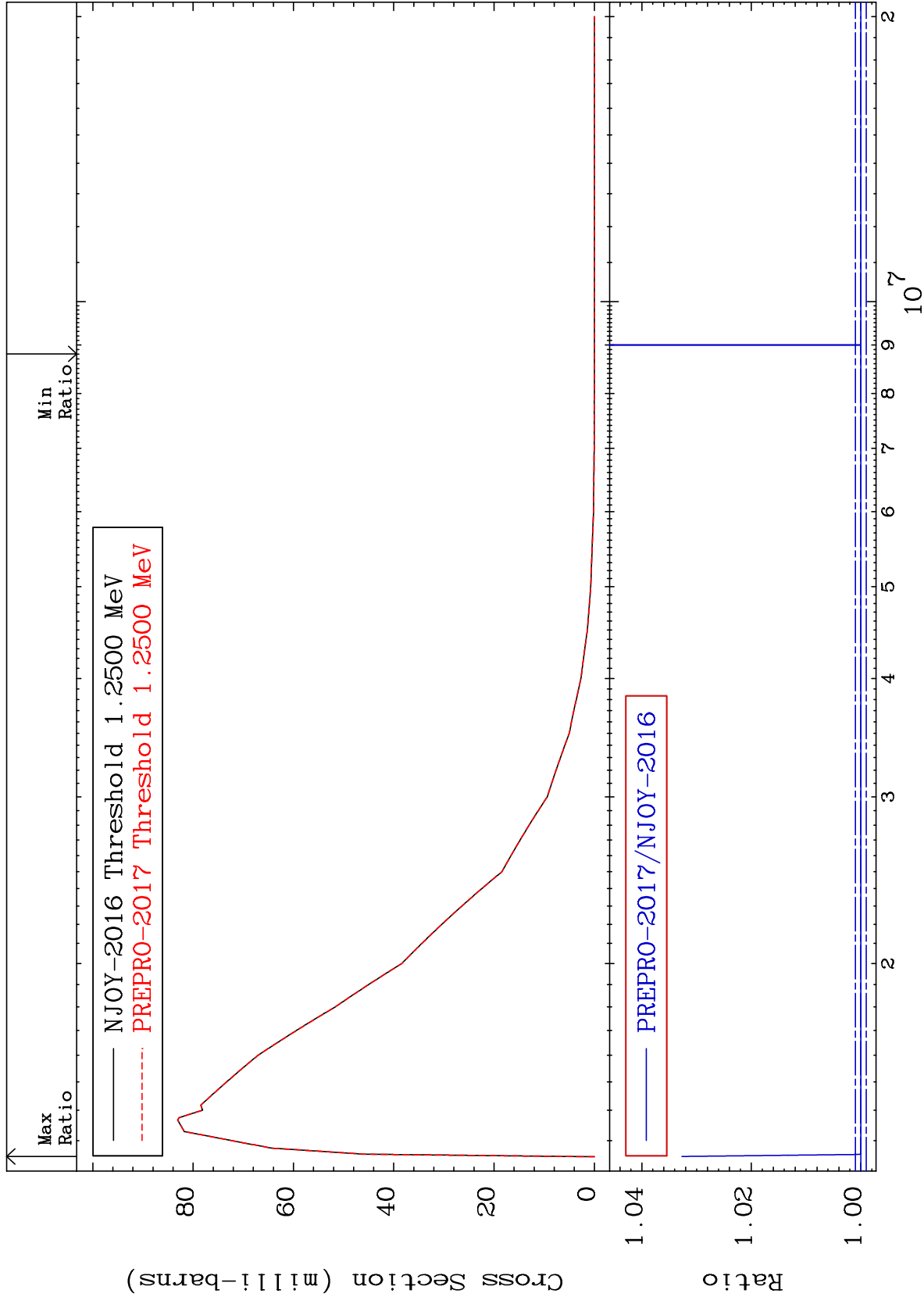
64-Gd-156
0.000 To 3.441 %



MAT 6437

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

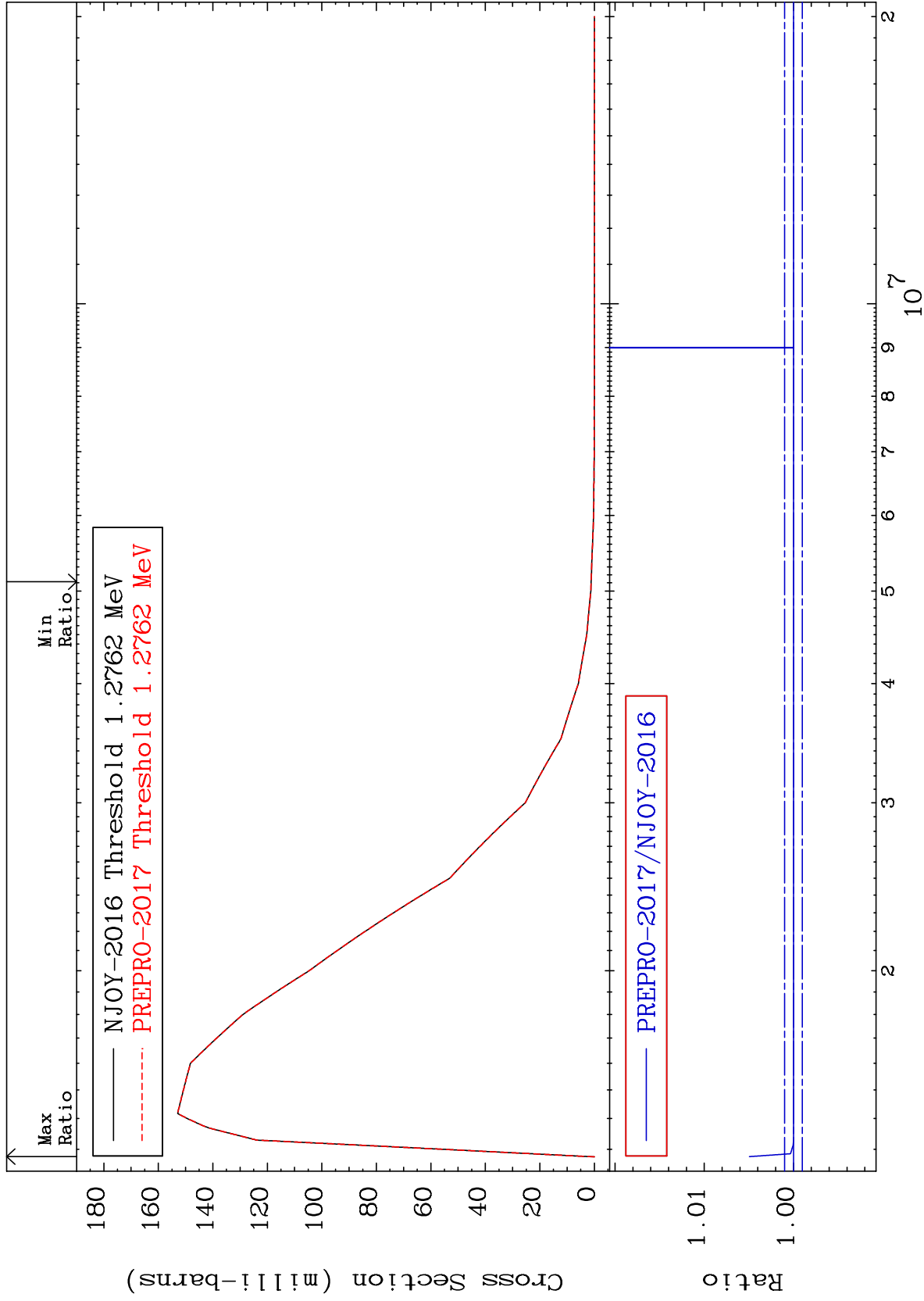
64-Gd-156
0.000 To 3.268 %



MAT 6437

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

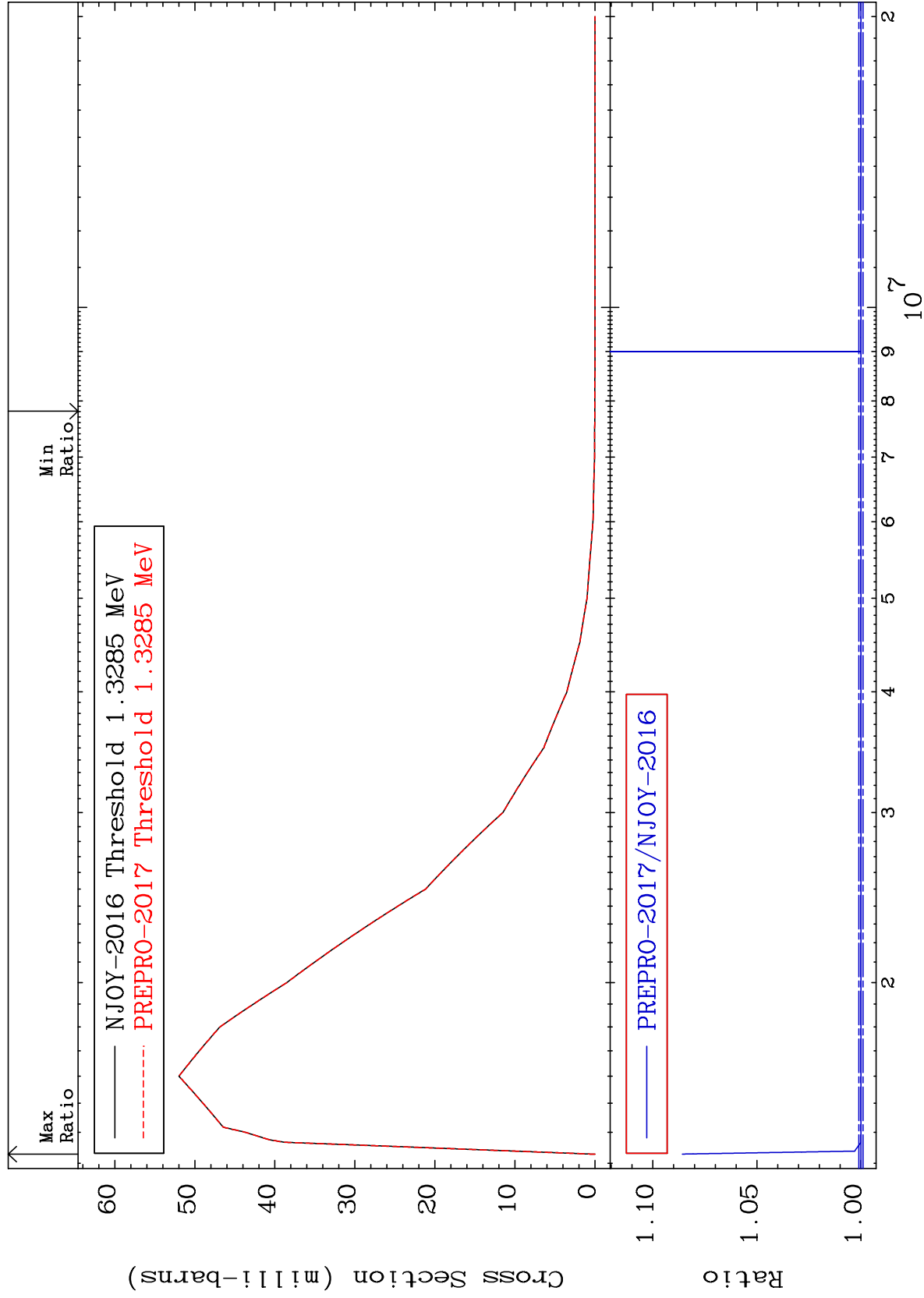
64-Gd-156
0.000 To 0.495 %



MAT 6437

MT= 62 (n,n') Level
Cross Section

64-Gd-156
0.000 To 8.583 %



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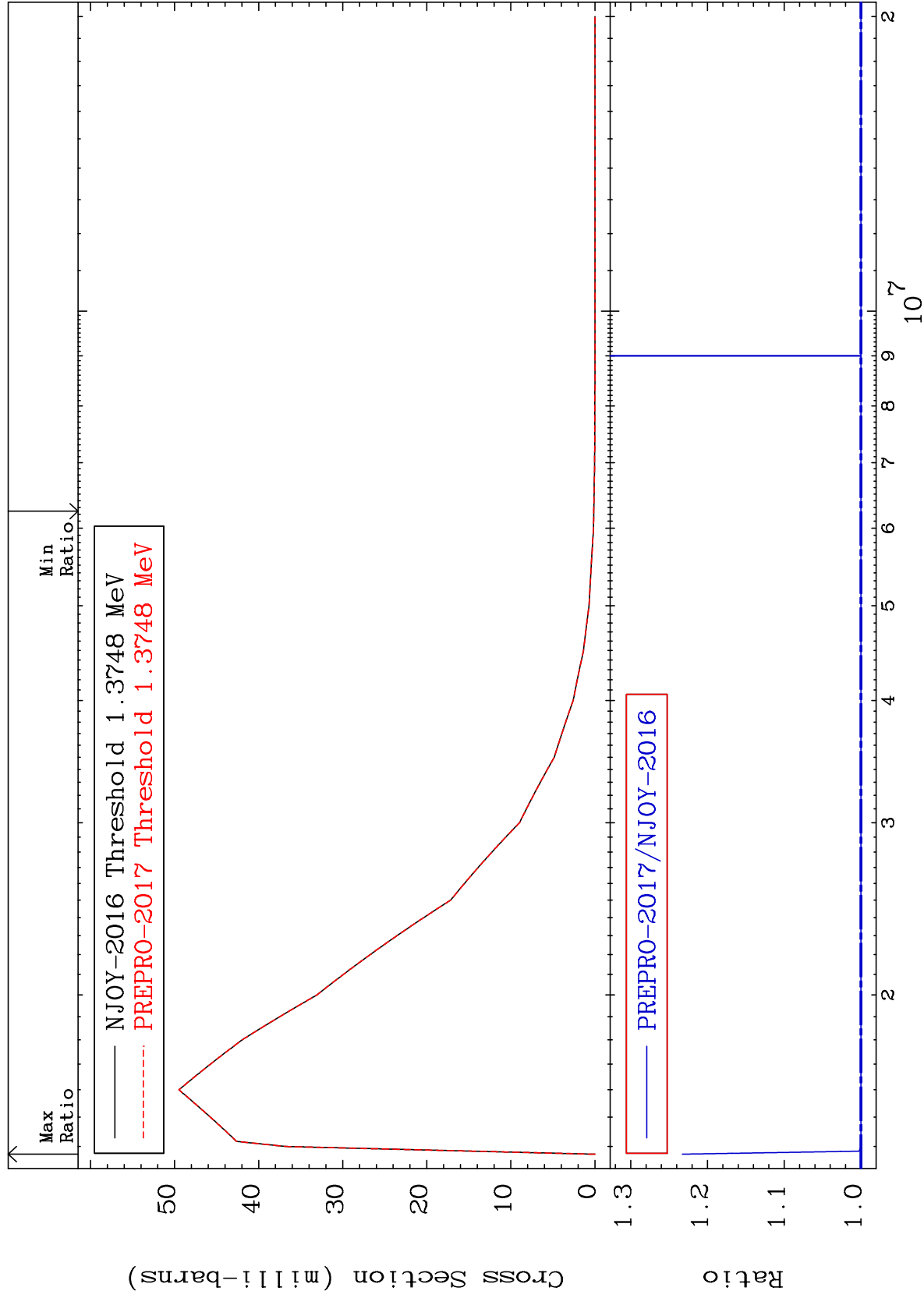
Incident Energy (eV)

64-Gd-156

MAT 6437

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

64-Gd-156
0.000 To 23.27 %

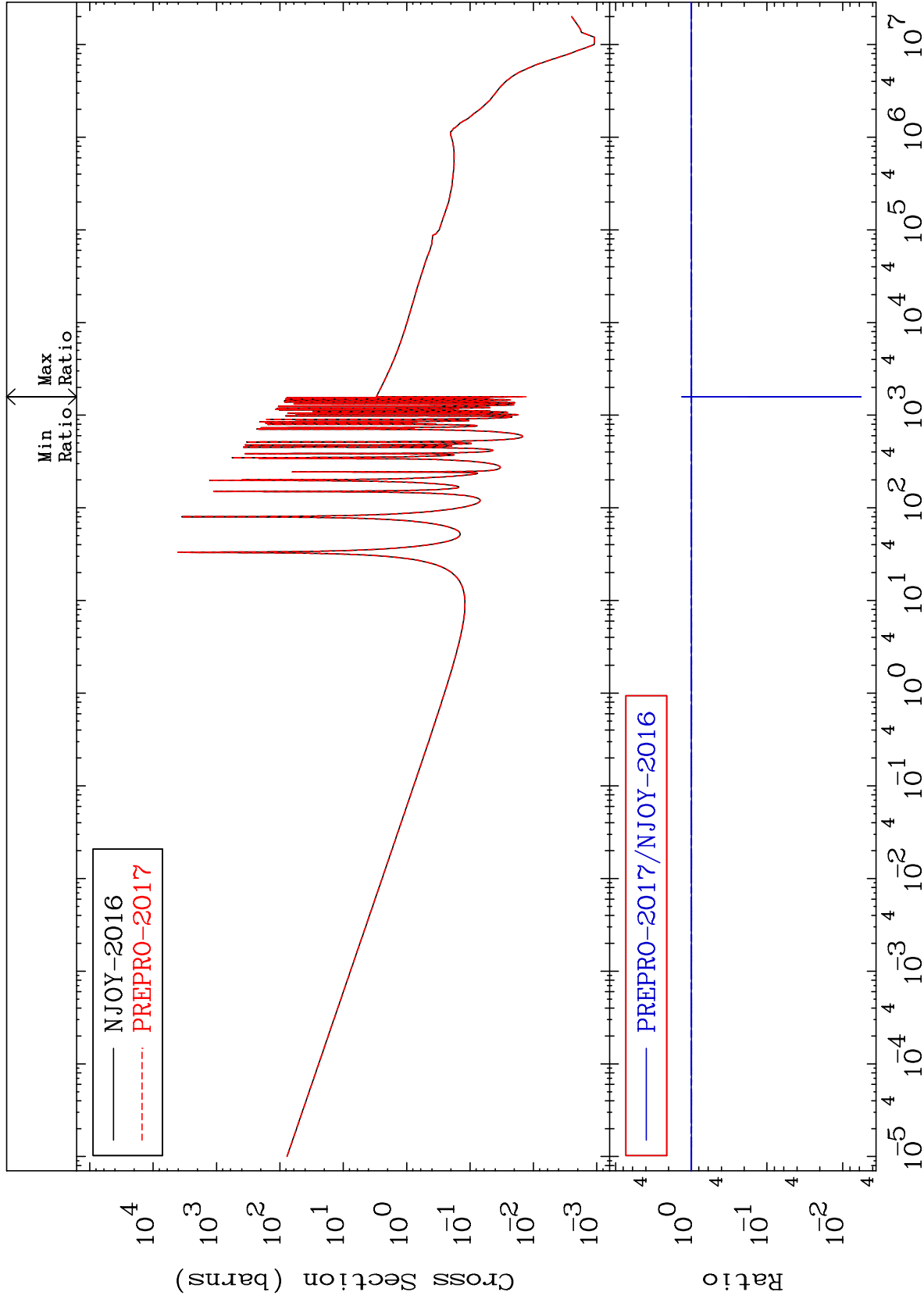


MAT 6437

(n, γ)

64-Gd-156
-99.43 To 33.18 %

Cross Section



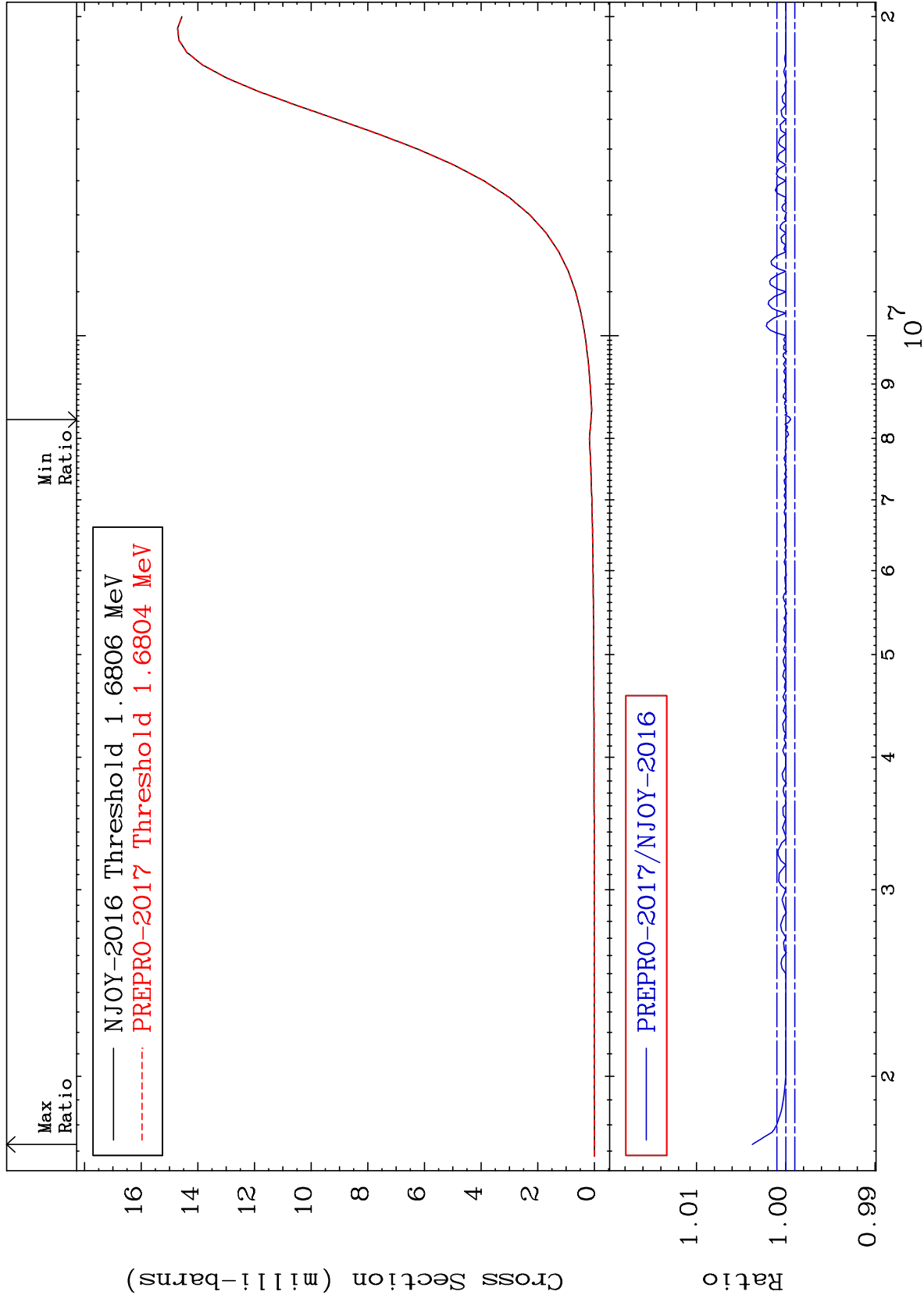
MAT 6437

(n,p)

64-Gd-156

Cross Section

-0.054 To 0.376 %



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64-Gd-156

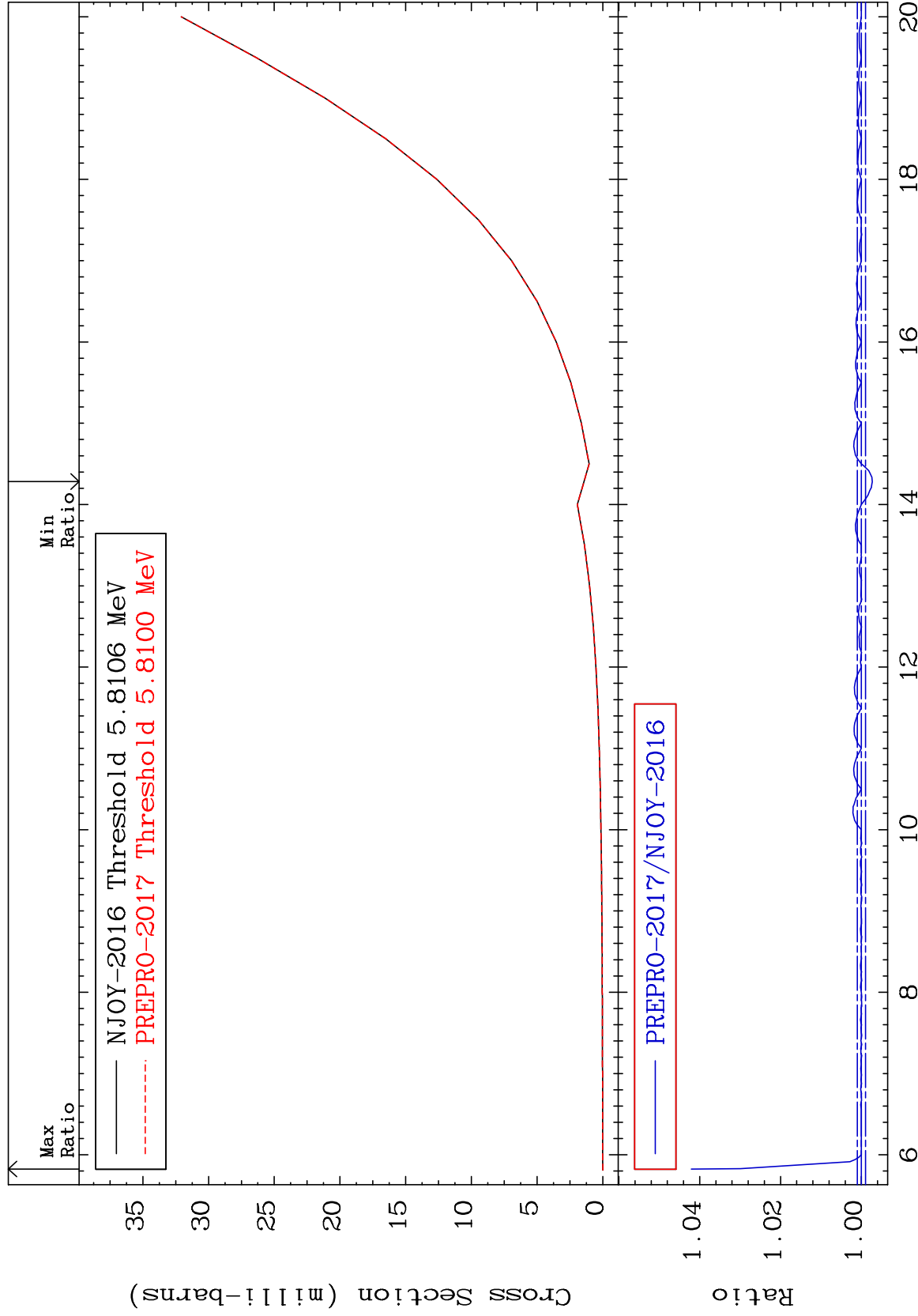
MAT 6437

(n, d)

64-Gd-156

Cross Section

-0.269 To 4.207 %



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Incident Energy (MeV)

64-Gd-156

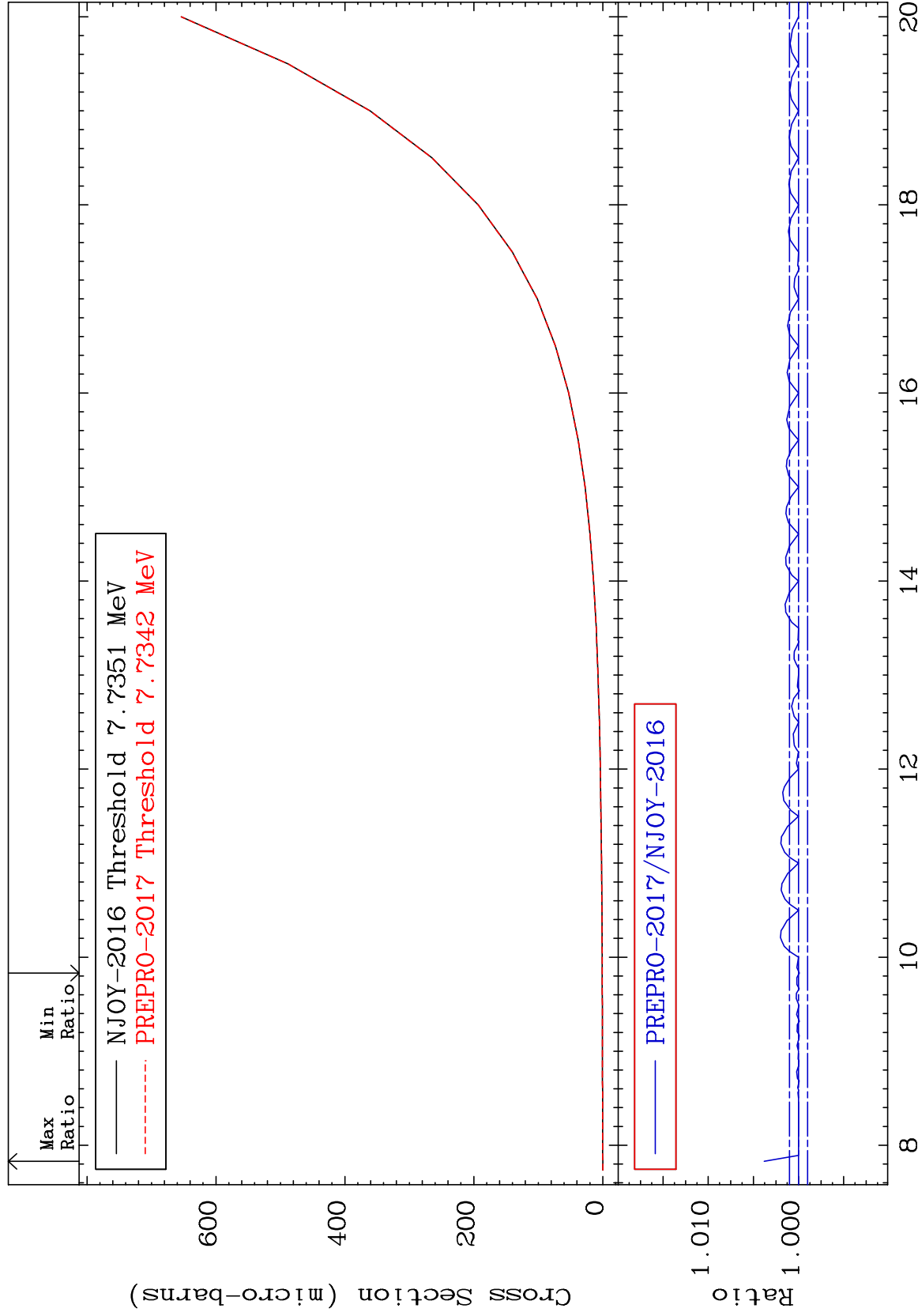
MAT 6437

(n, t)

64-Gd-156

Cross Section

-0.009 To 0.379 %



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Incident Energy (MeV)

64-Gd-156

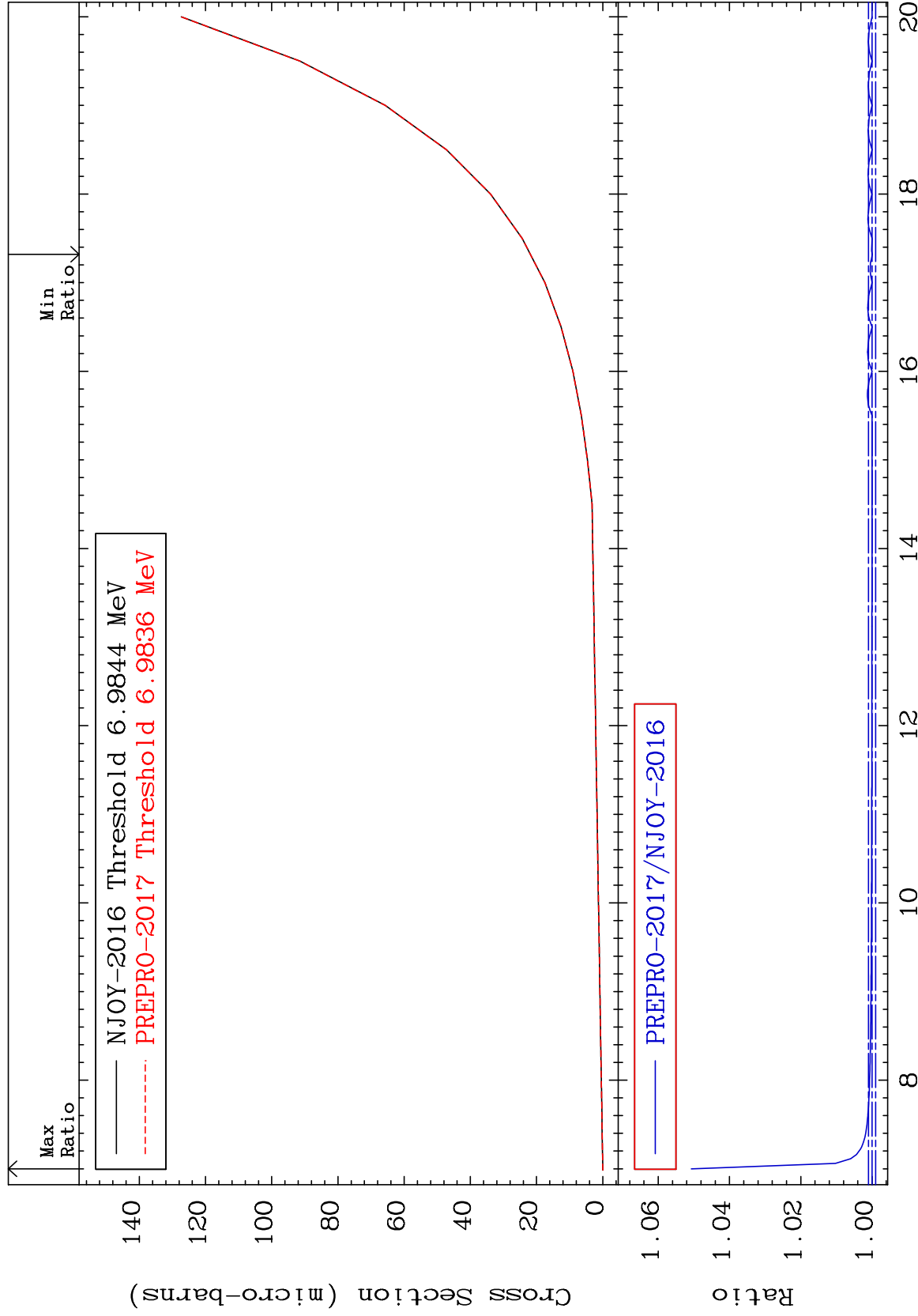
MAT 6437

(n, He-3)

Cross Section

64-Gd-156

-0.007 To 5.070 %



16

Incident Energy (MeV)

64-Gd-156

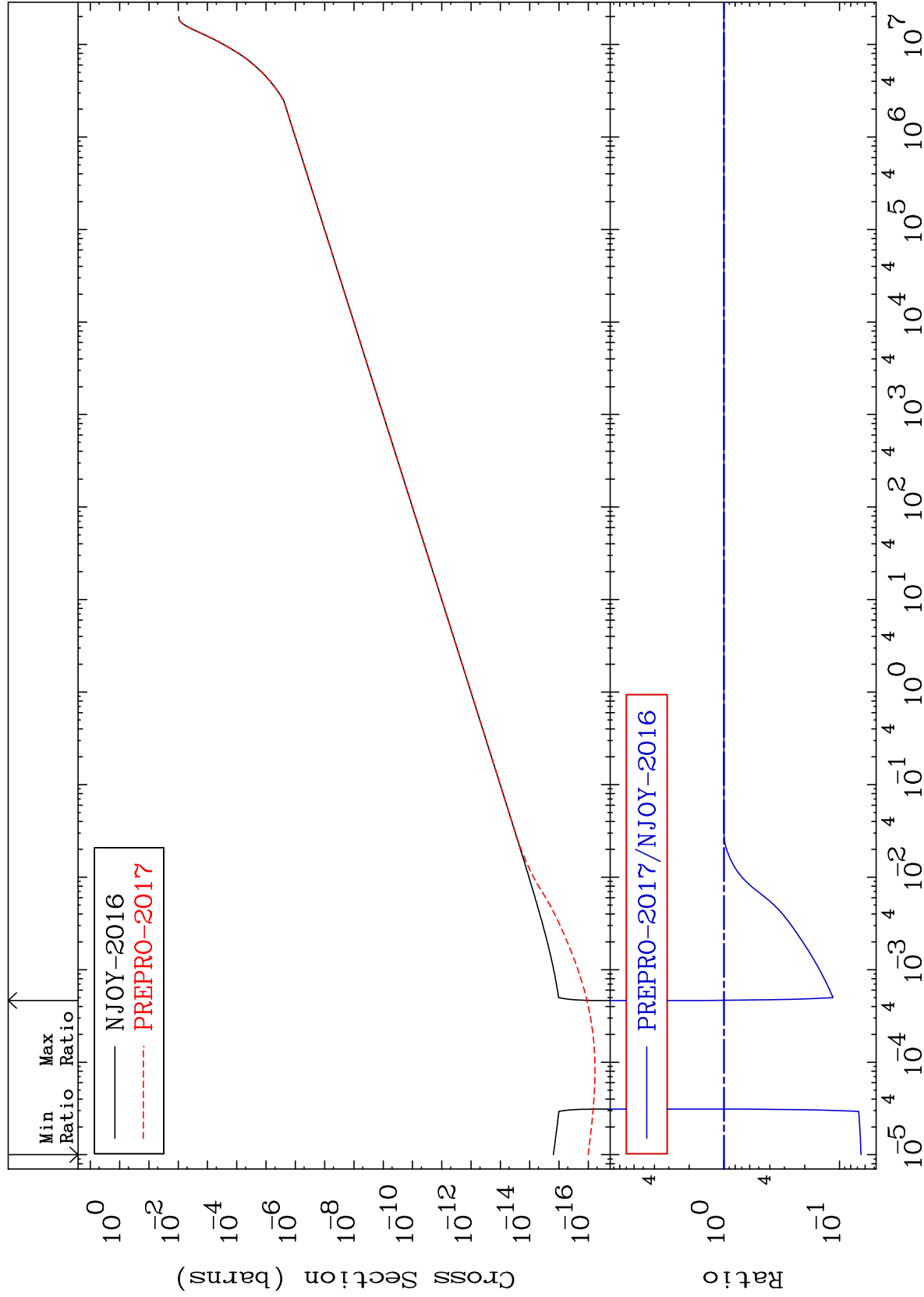
MAT 6437

(n, α)

64-Gd-156

Cross Section

-93.48 To 129.2 %



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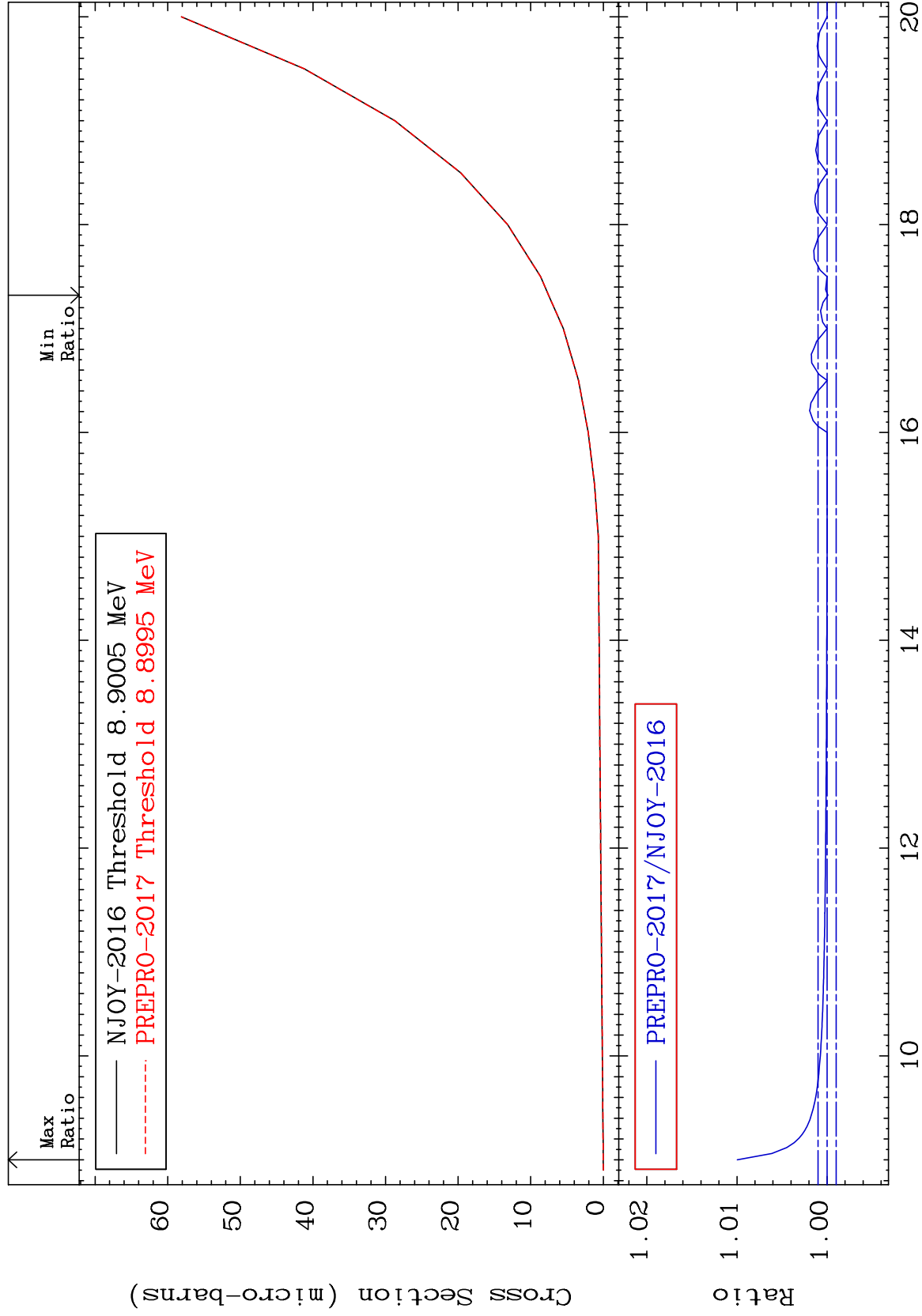
Incident Energy (eV)

64-Gd-156

MAT 6437

(n,2p)
Cross Section

64-Gd-156
-0.009 To 0.997 %



18

Incident Energy (MeV)

64-Gd-156