

Program EVALPLOT
(Version 2018-1)

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

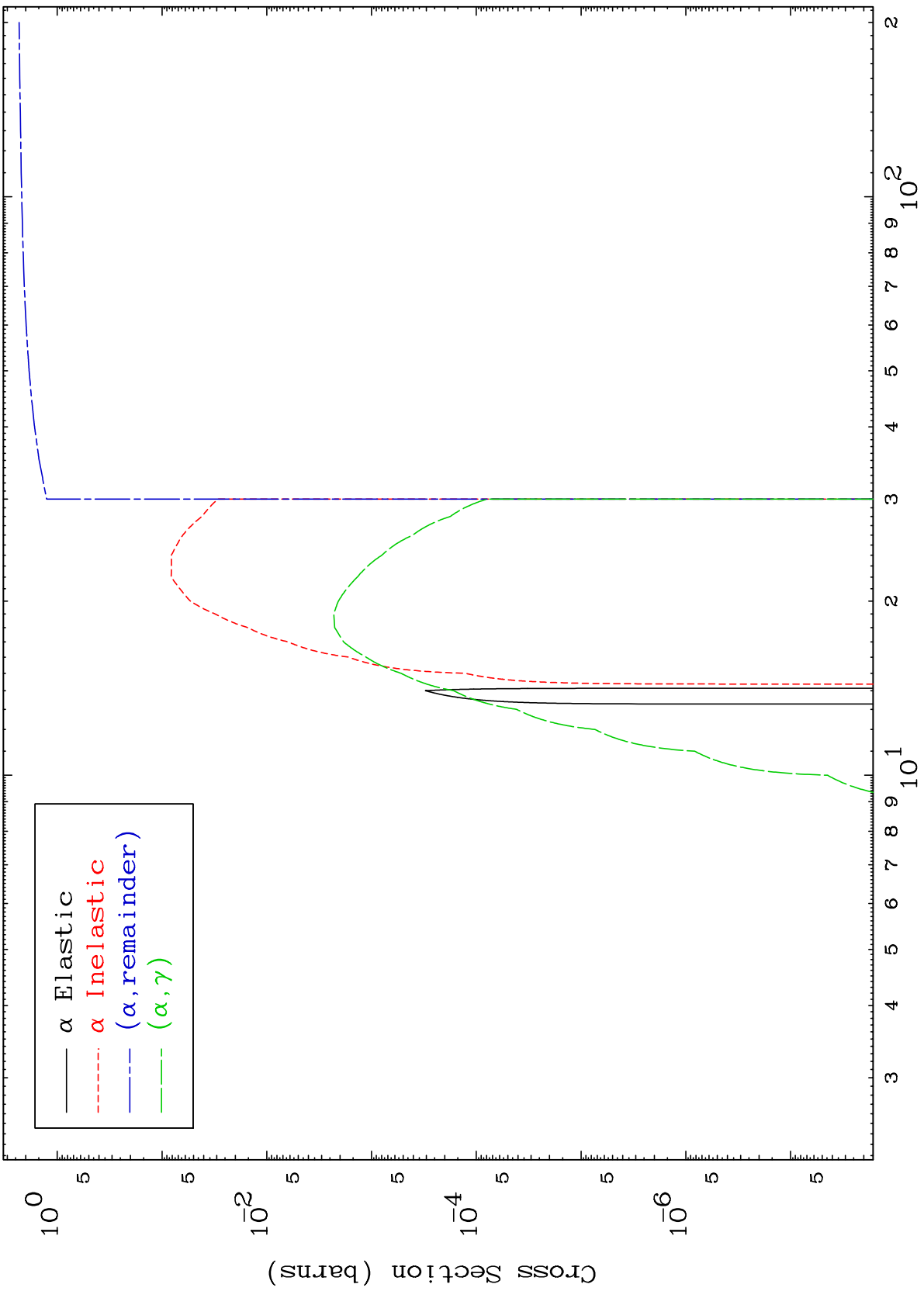
Press Mouse Button to Start

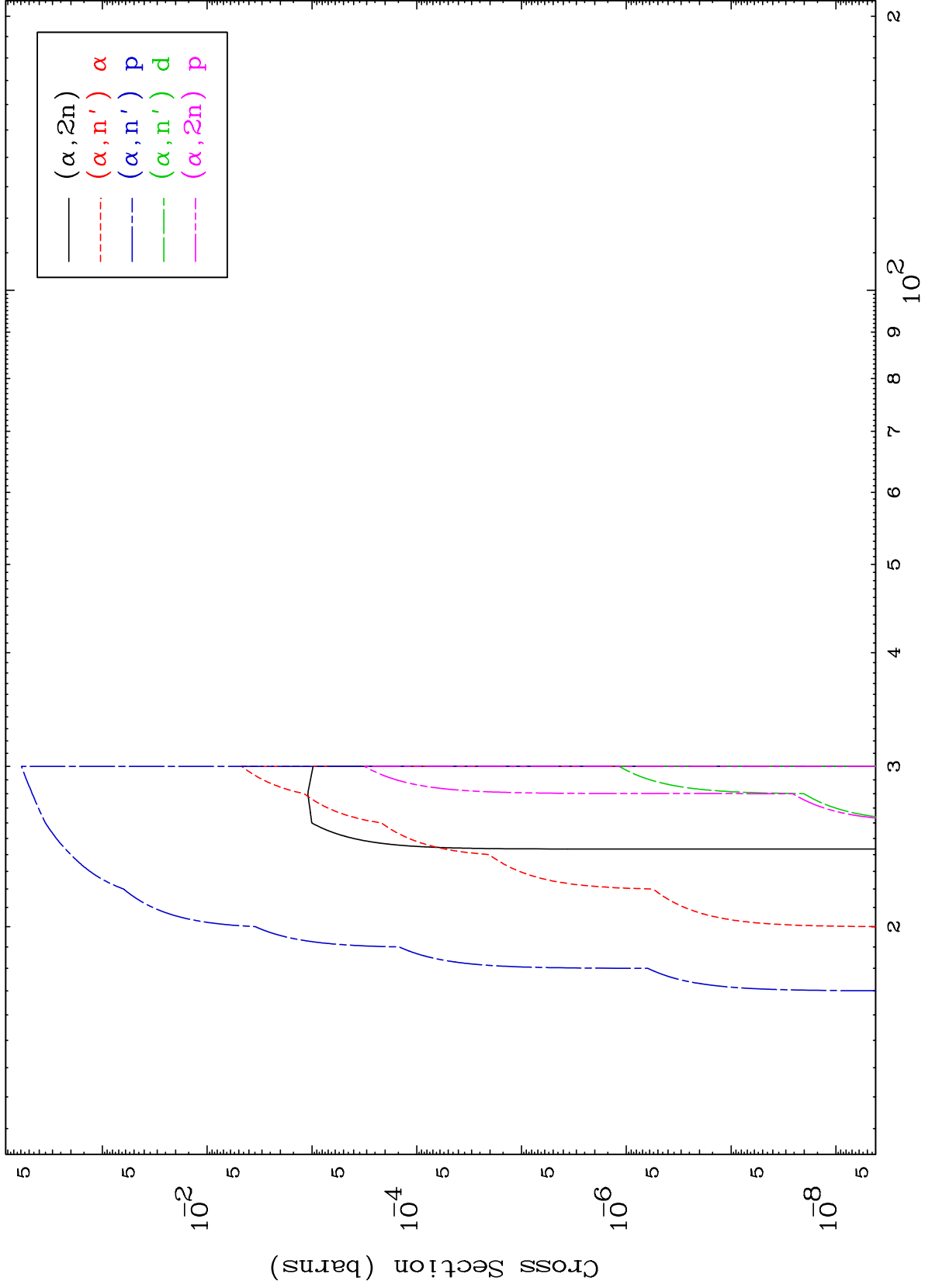
MAT 6113

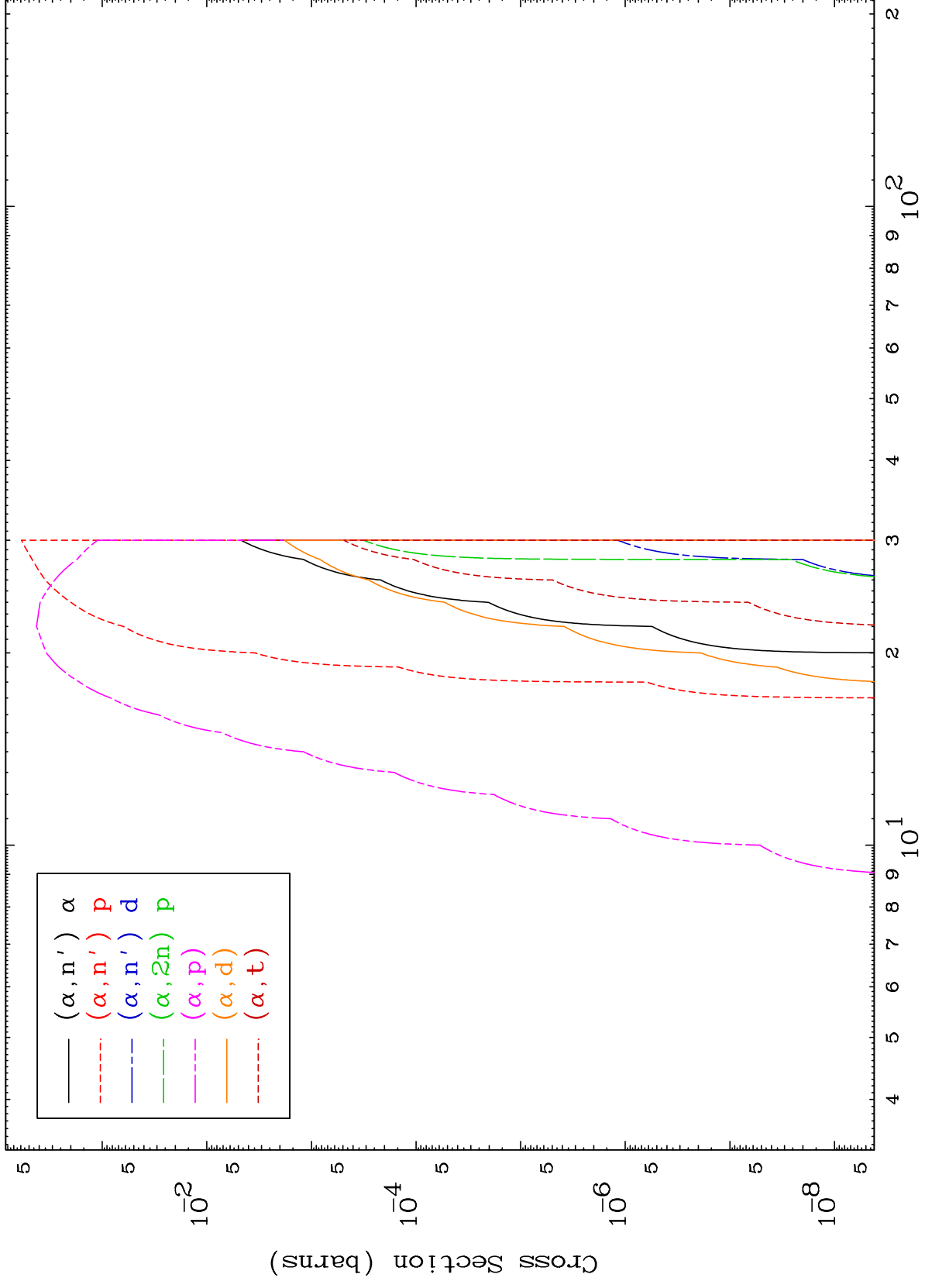
α Major

61-Pm-135

0 Kelvin Cross Sections



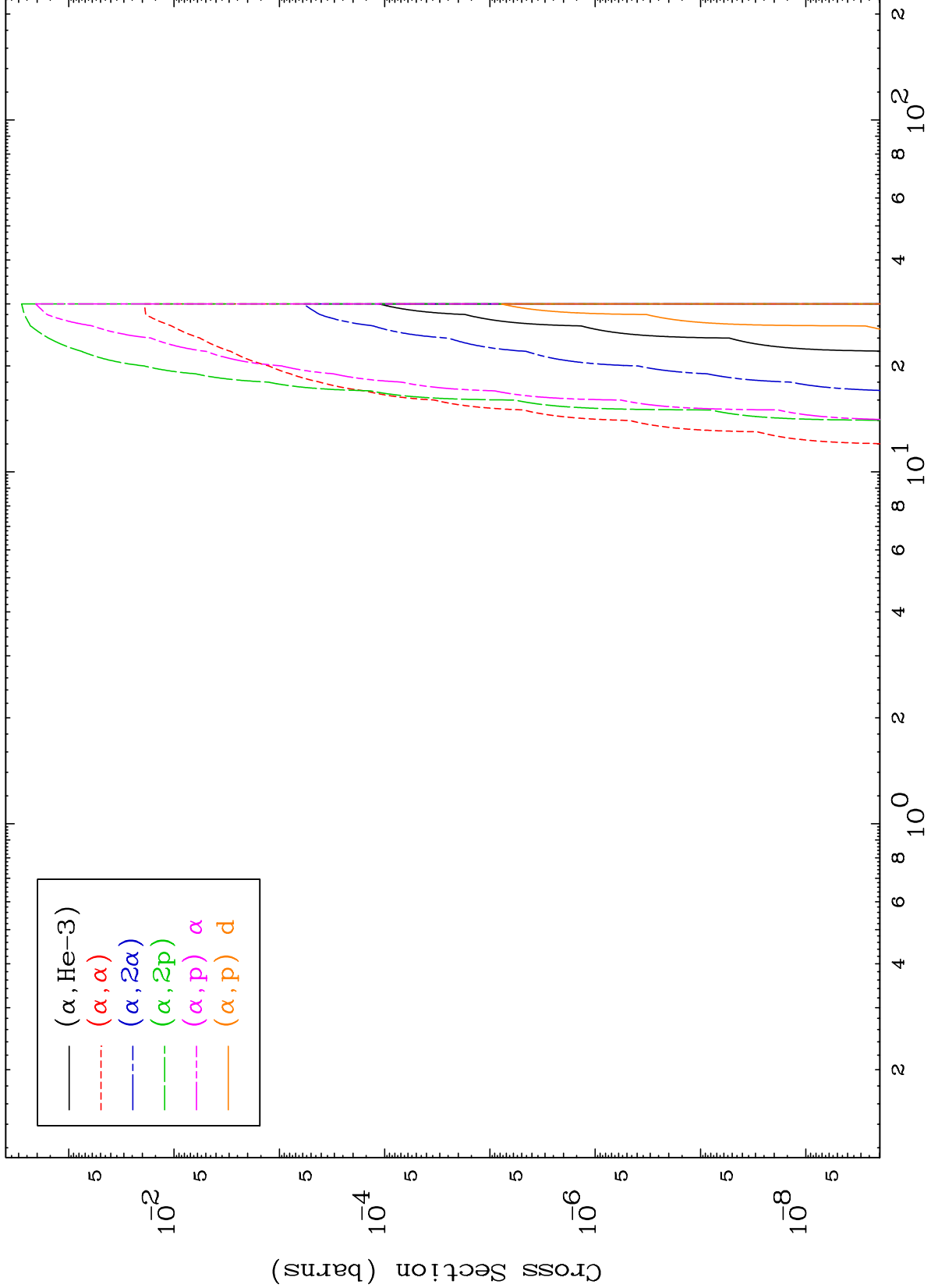




MAT 6113

α Charged Particle
0 Kelvin Cross Sections

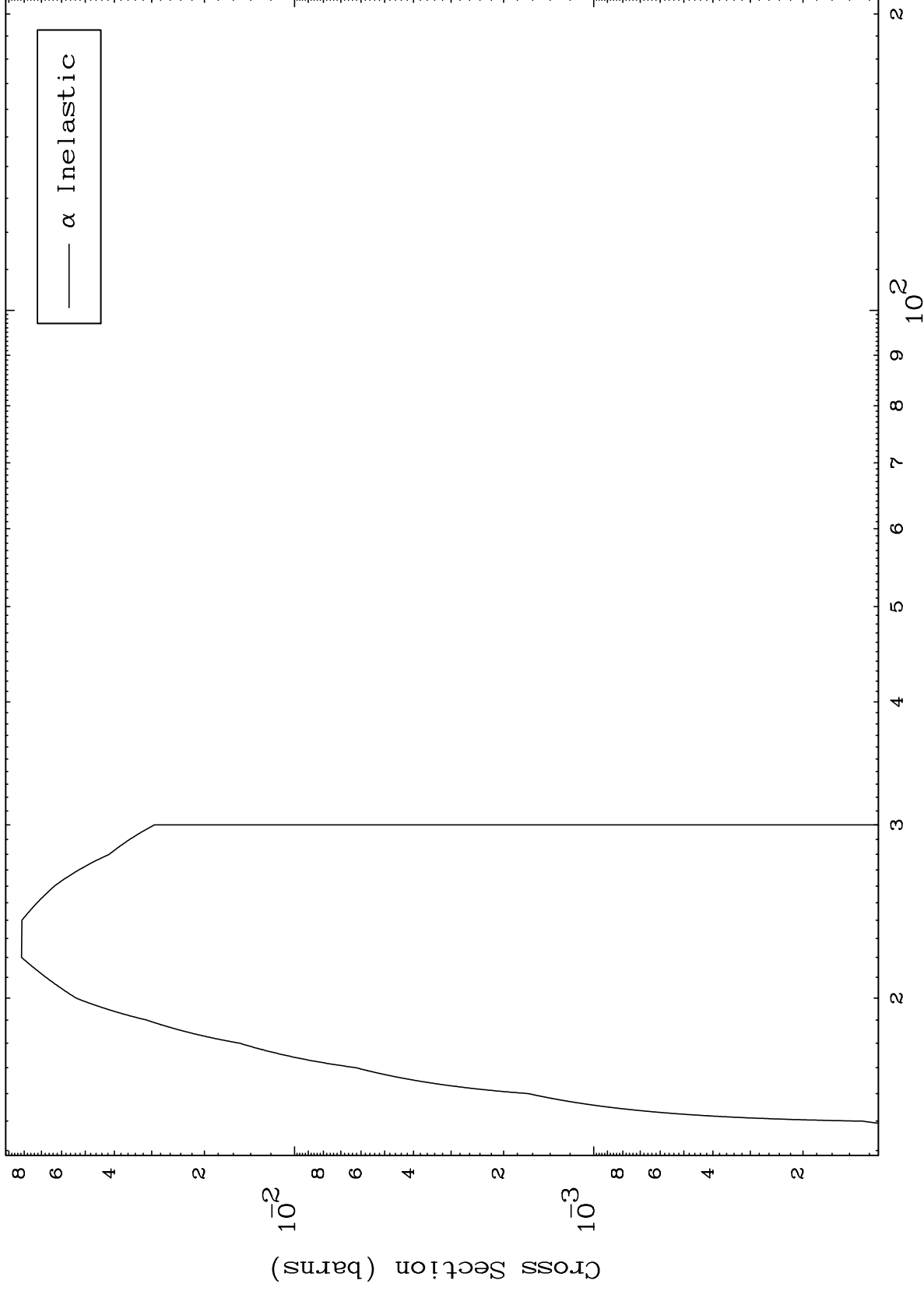
61-Pm-135



MAT 6113

(α, n') Level
0 Kelvin Cross Sections

61-Pm-135



5

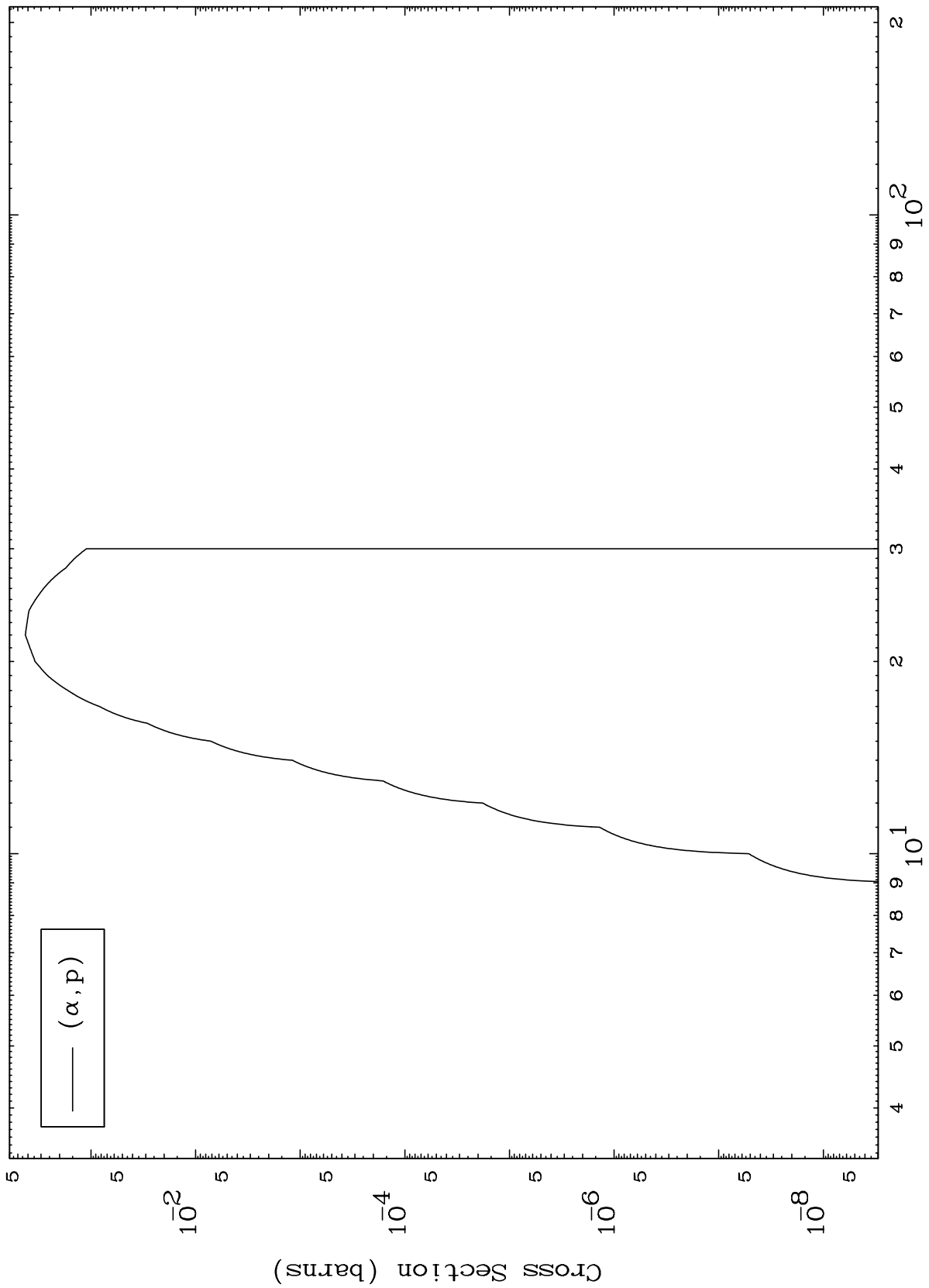
Incident Energy (MeV)

61-Pm-135

MAT 6113

61-Pm-135

(α, p) Levels
0 Kelvin Cross Sections



61-Pm-135

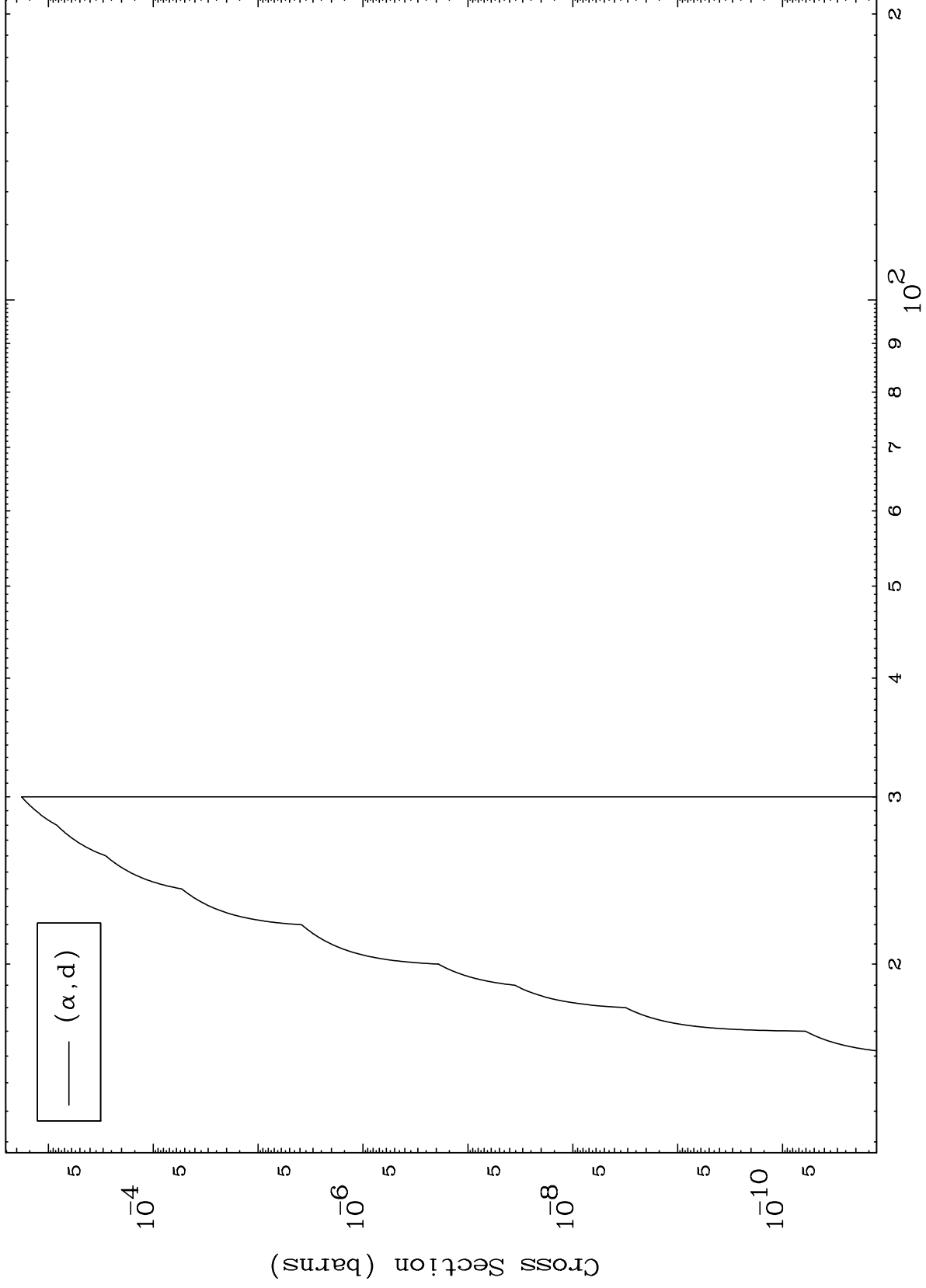
Incident Energy (MeV)

6

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(α, d) Levels
0 Kelvin Cross Sections

61-Pm-135



Incident Energy (MeV)

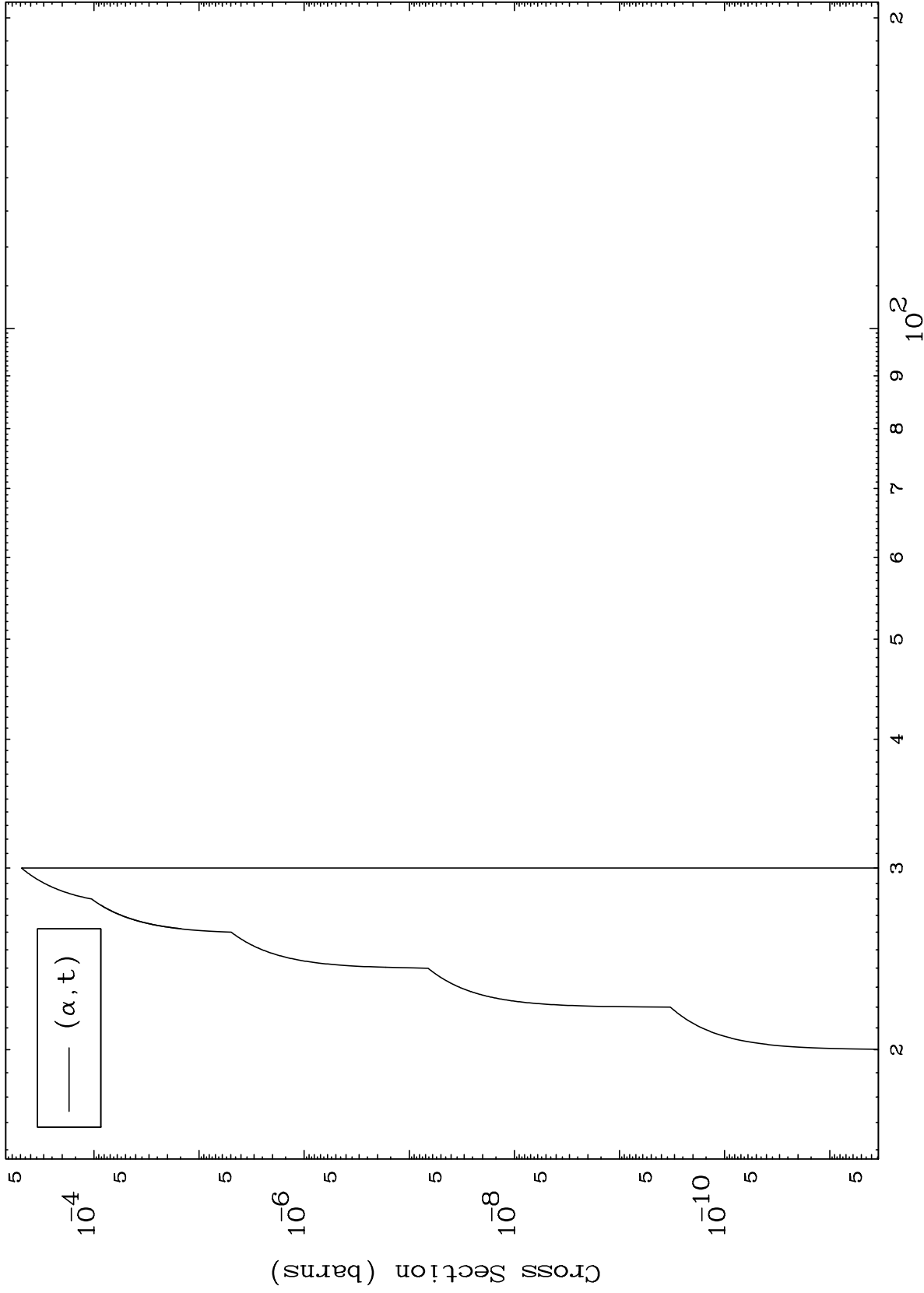
61-Pm-135

7

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(α, t) Levels
0 Kelvin Cross Sections

61-Pm-135



8

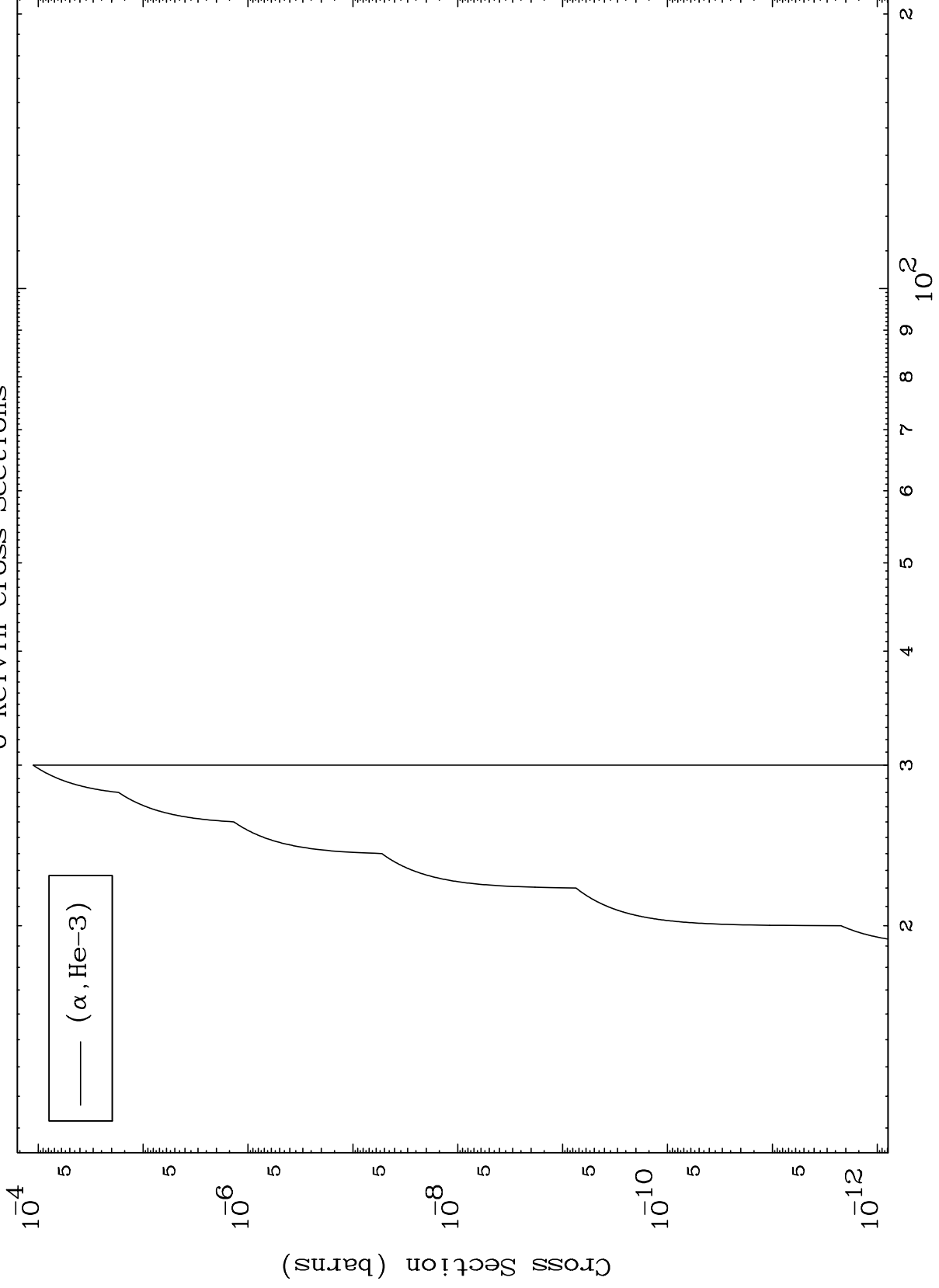
Incident Energy (MeV)

61-Pm-135

MAT 6113

61-Pm-135

(α ,He3) Levels
0 Kelvin Cross Sections

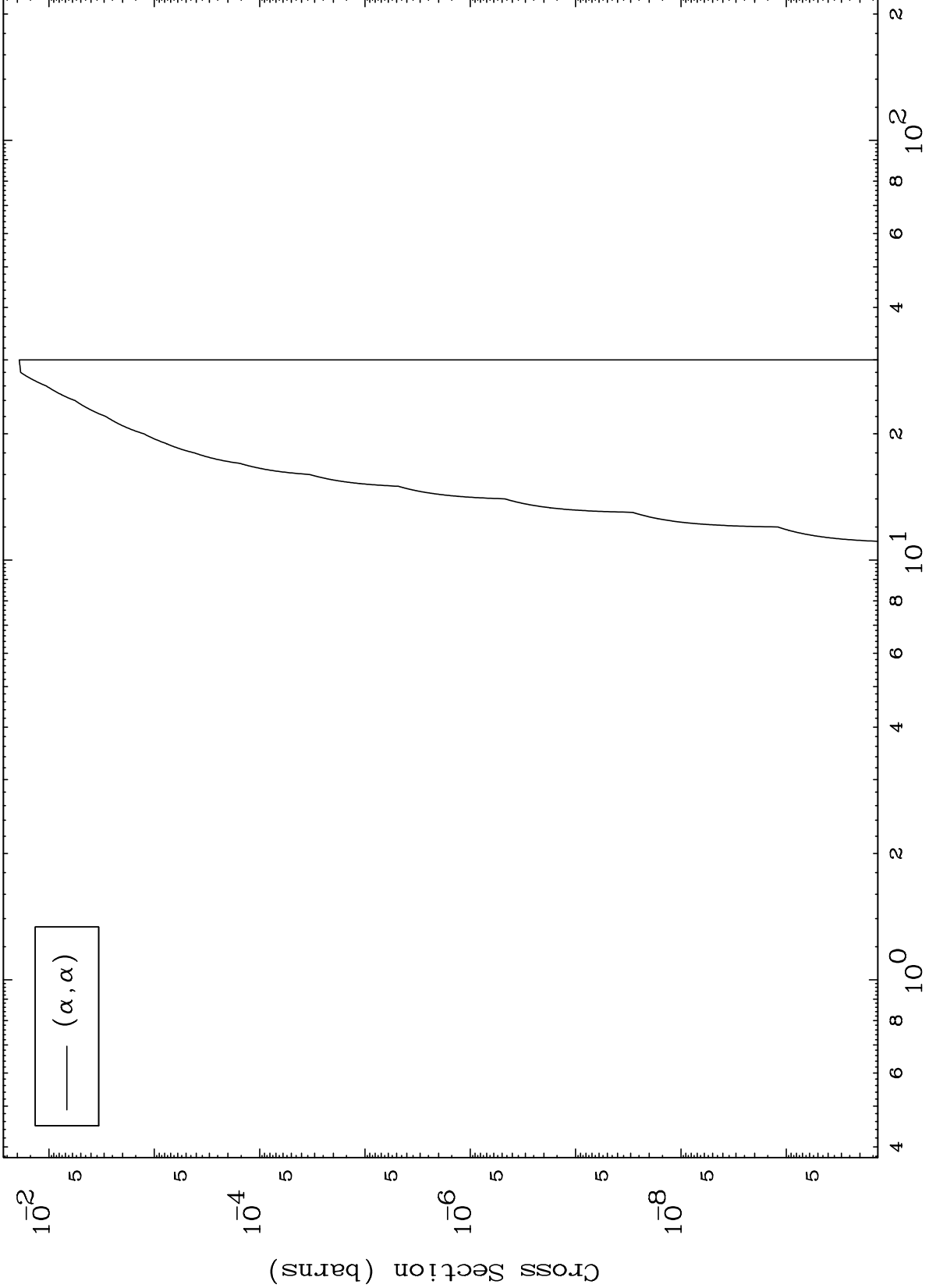


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(α, α) Levels

61-Pm-135

0 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-135

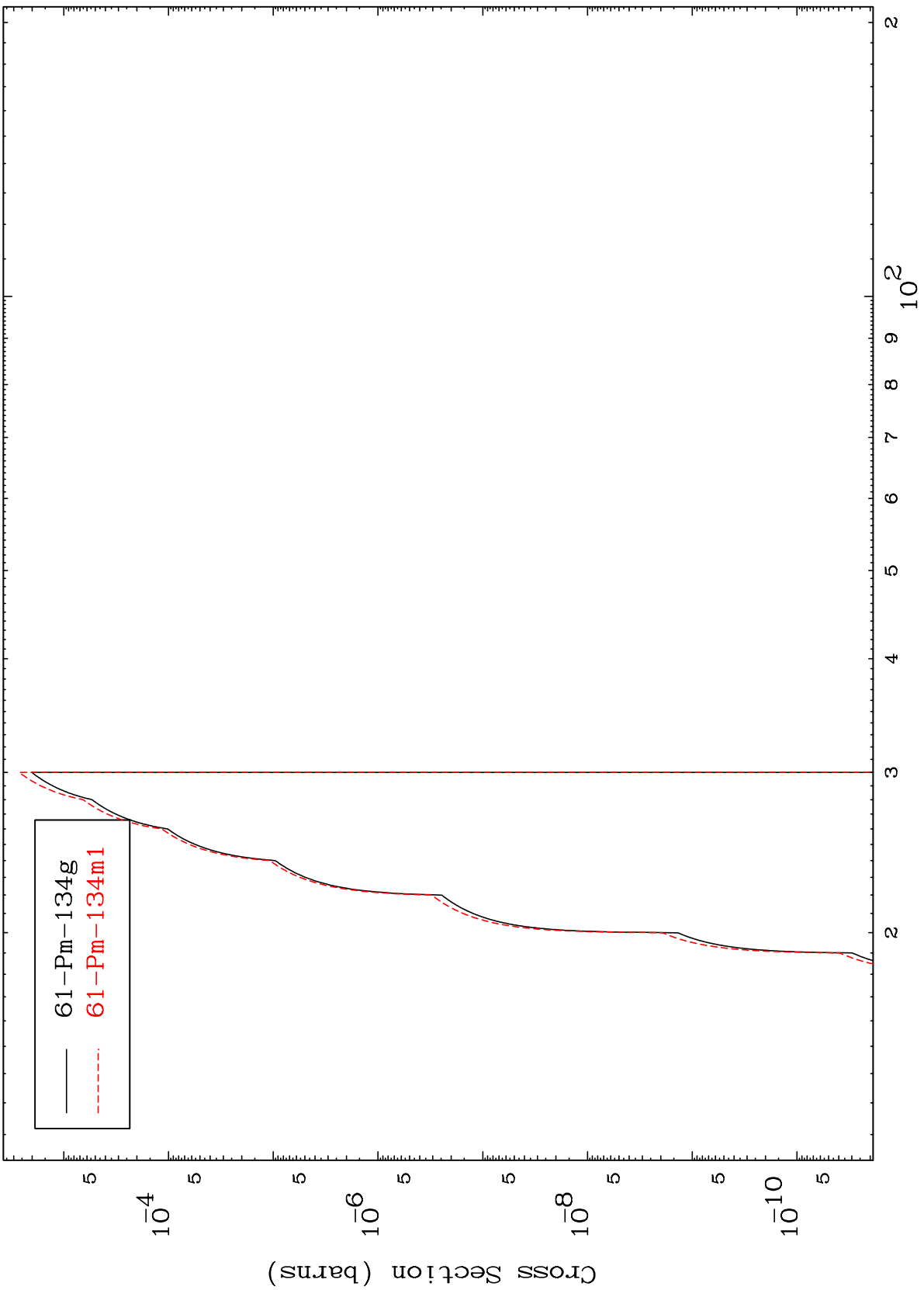
10

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(α, n') α

61-Pm-135

Radionuclide Production Cross Section

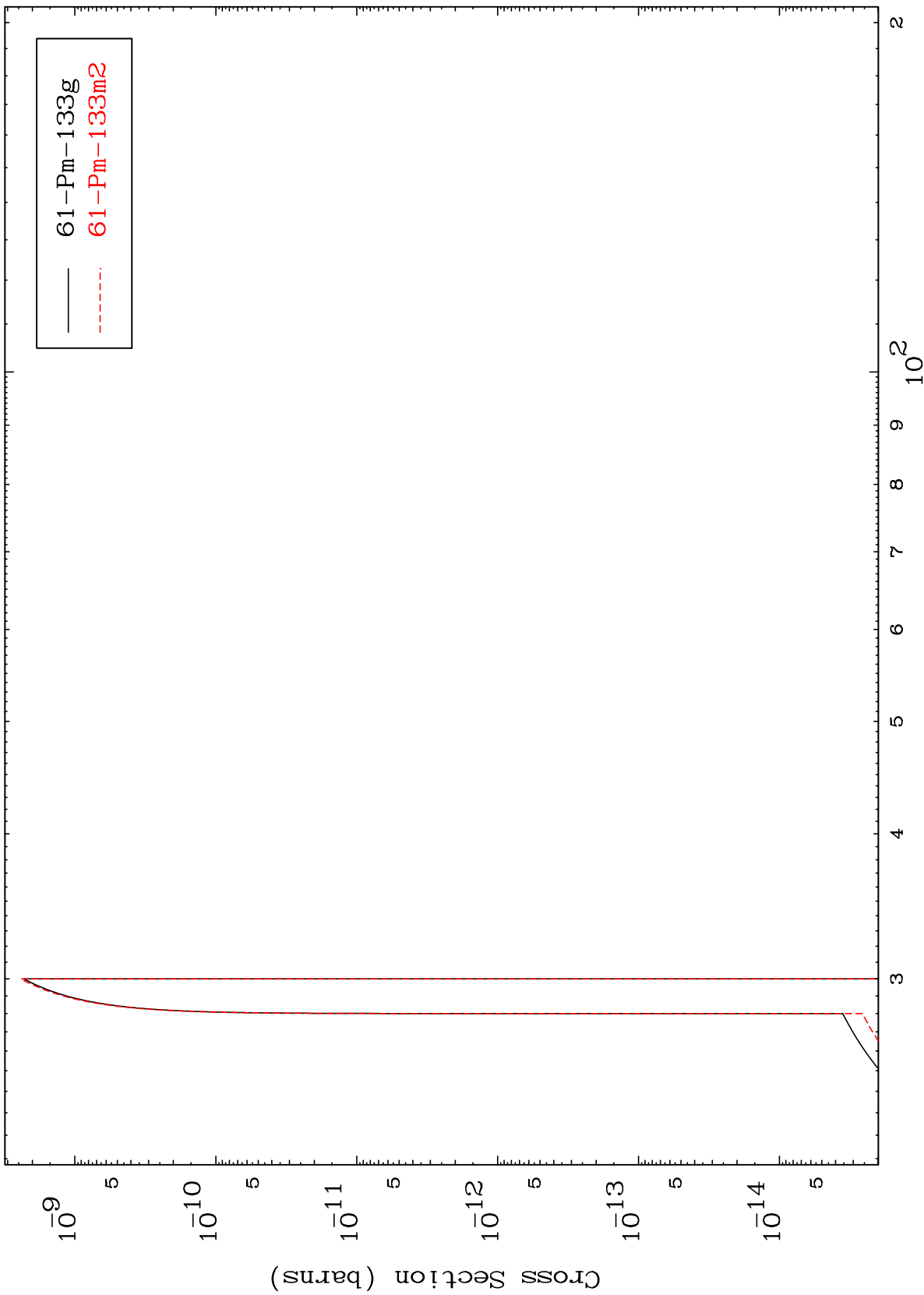


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$(\alpha, 2n) \alpha$

61-Pm-135

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2

12

Incident Energy (MeV)

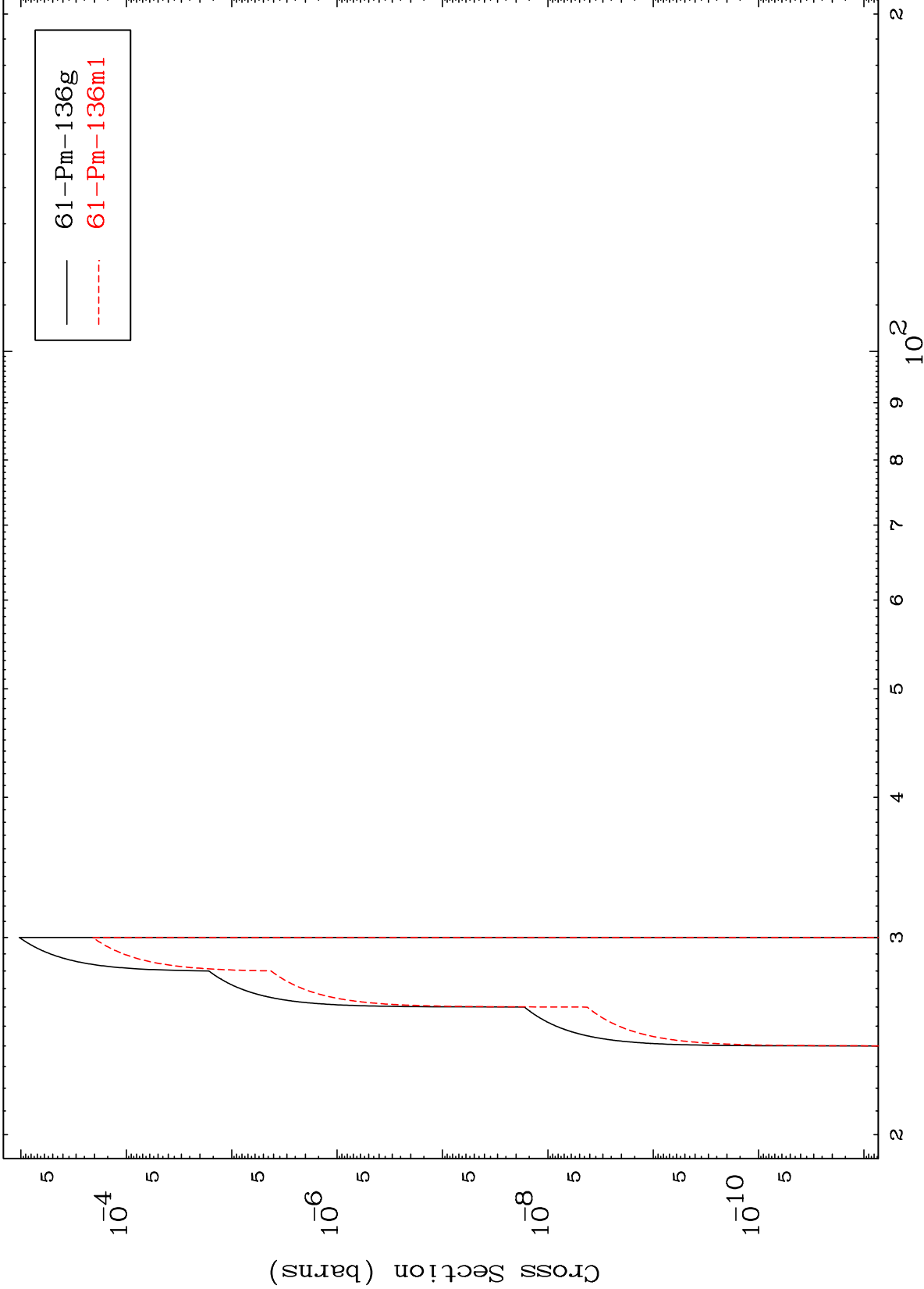
61-Pm-135

MAT 6113

($\alpha, 2n$) p

61-Pm-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

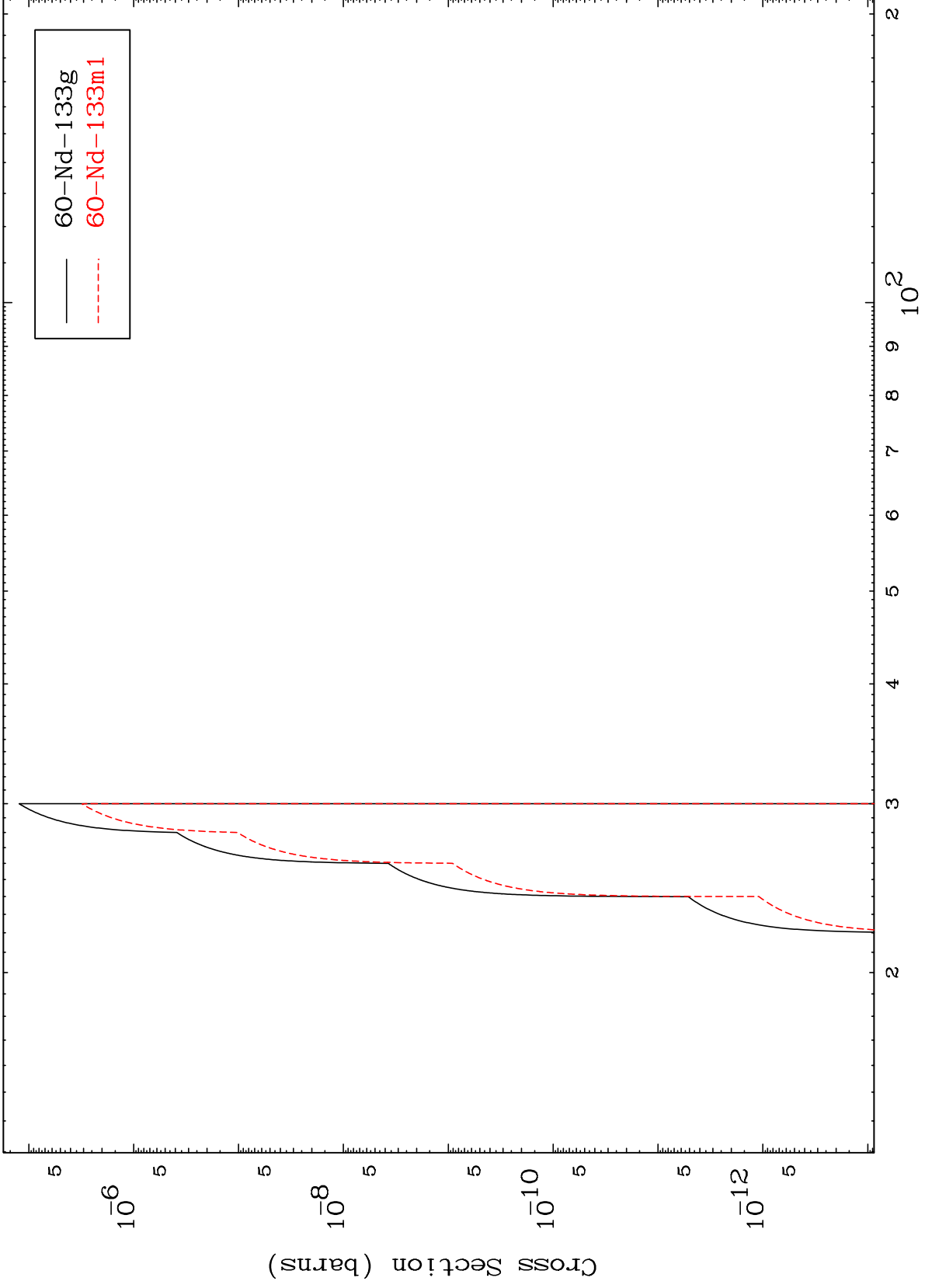
61-Pm-135

MAT 6113

(α, n') p α

61-Pm-135

Radionuclide Production Cross Section



14

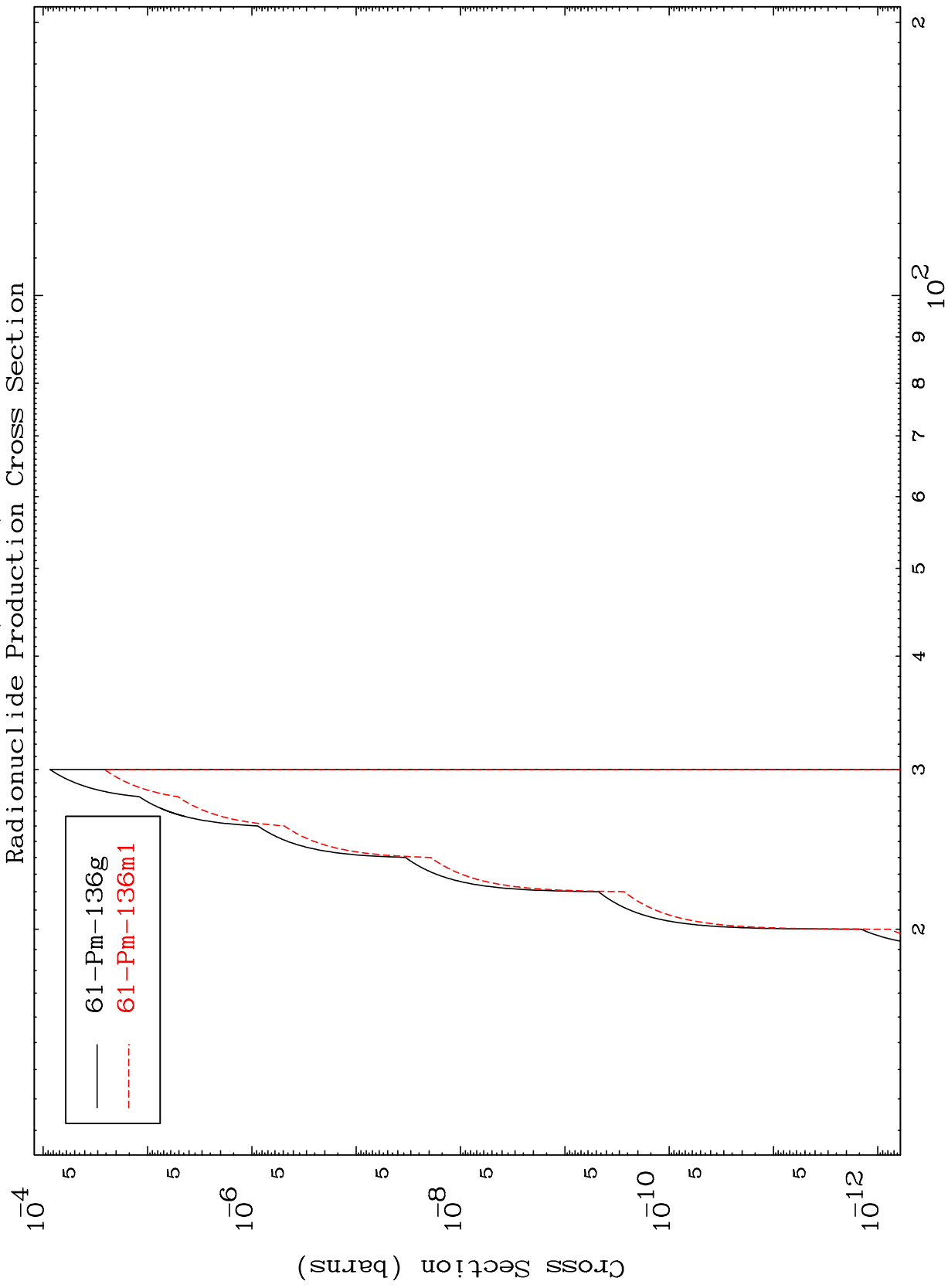
Incident Energy (MeV)

61-Pm-135

MAT 6113

61-Pm-135

($\alpha, \text{He-3}$)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

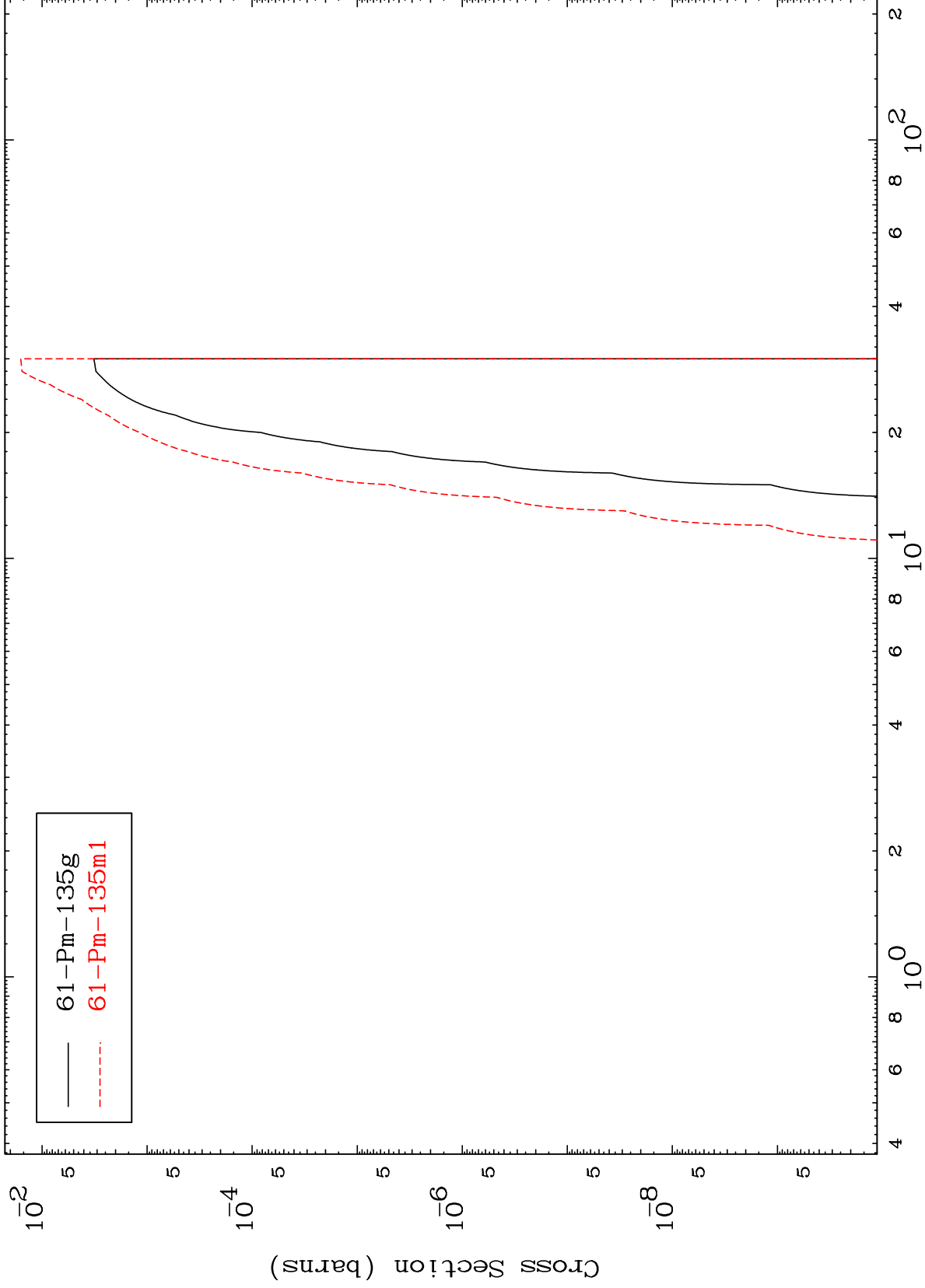
61-Pm-135

MAT 6113

(α, α)

61-Pm-135

Radionuclide Production Cross Section



16

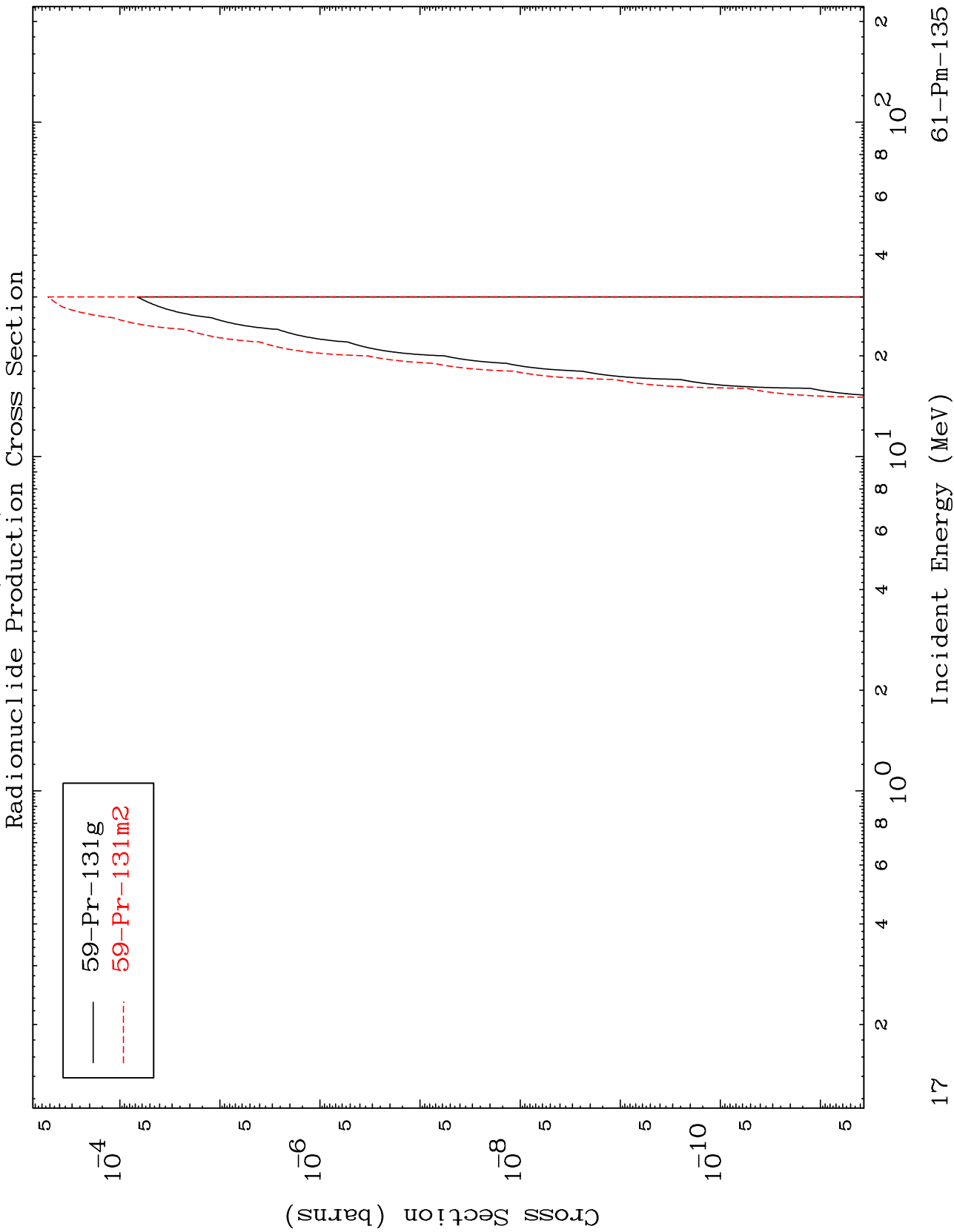
Incident Energy (MeV)

61-Pm-135

MAT 6113

61-Pm-135

($\alpha, 2\alpha$)



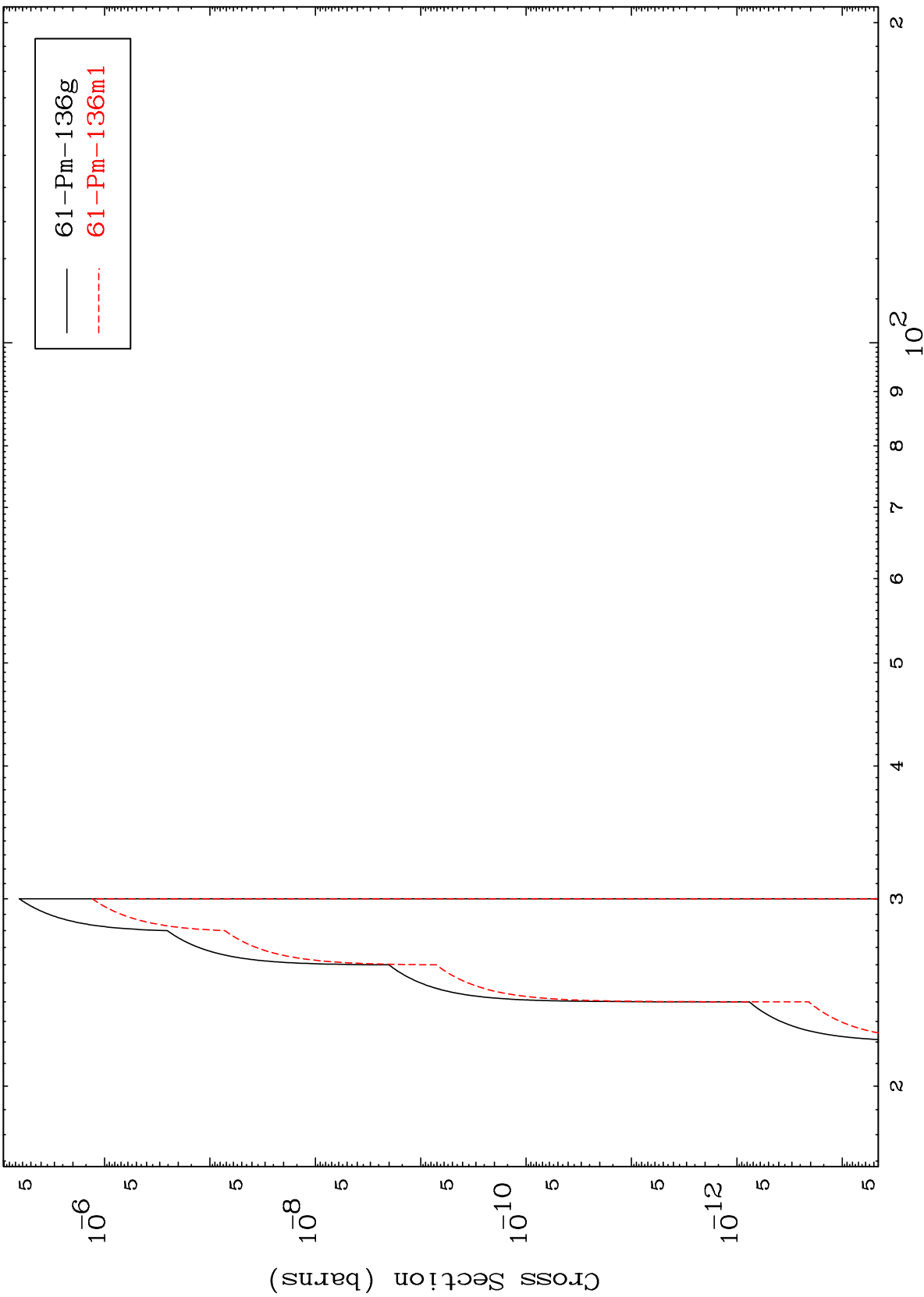
59-Pr-131g
59-Pr-131m2

MAT 6113

(α, p) d

61-Pm-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

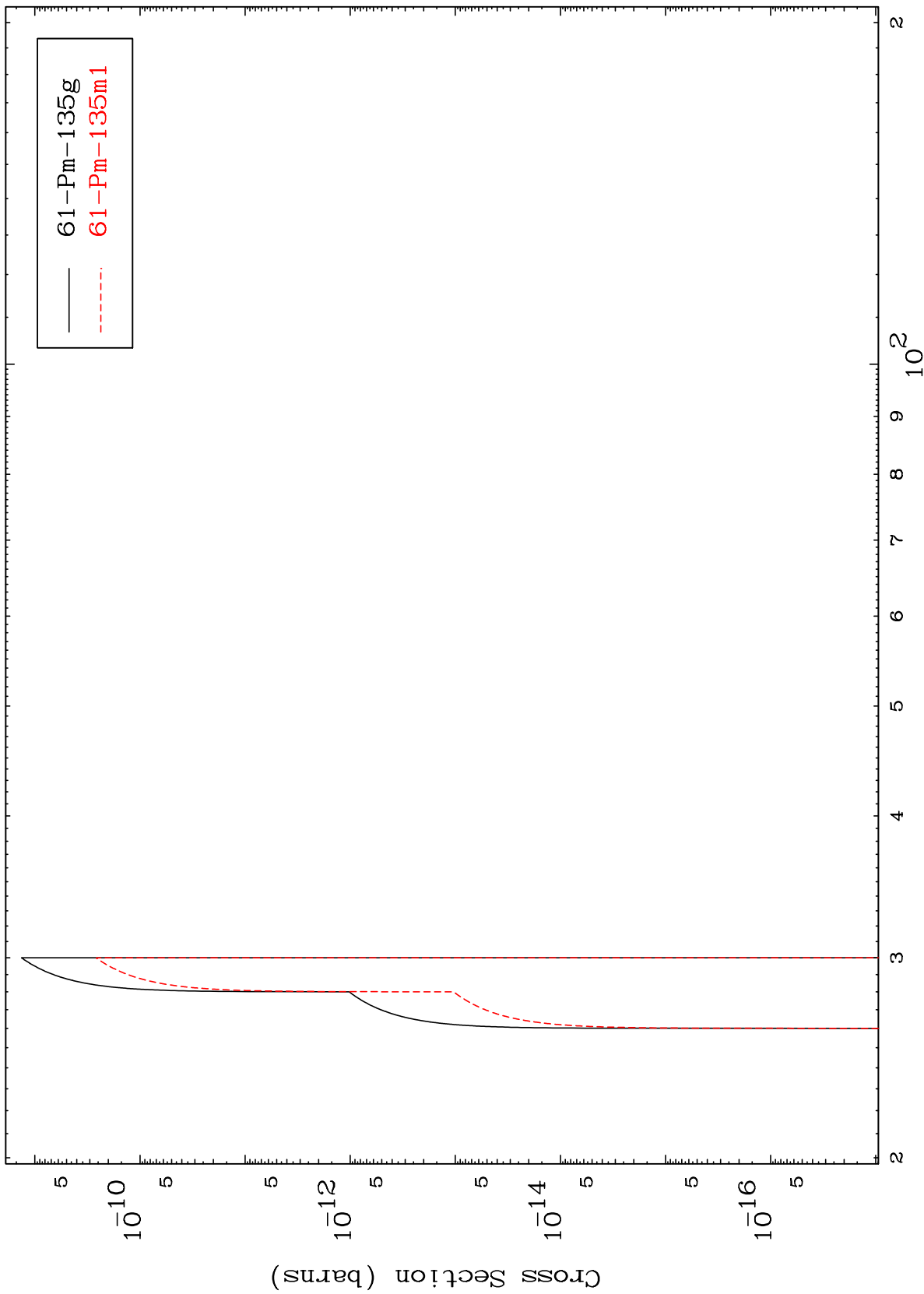
61-Pm-135

MAT 6113

(α, p) t

61-Pm-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

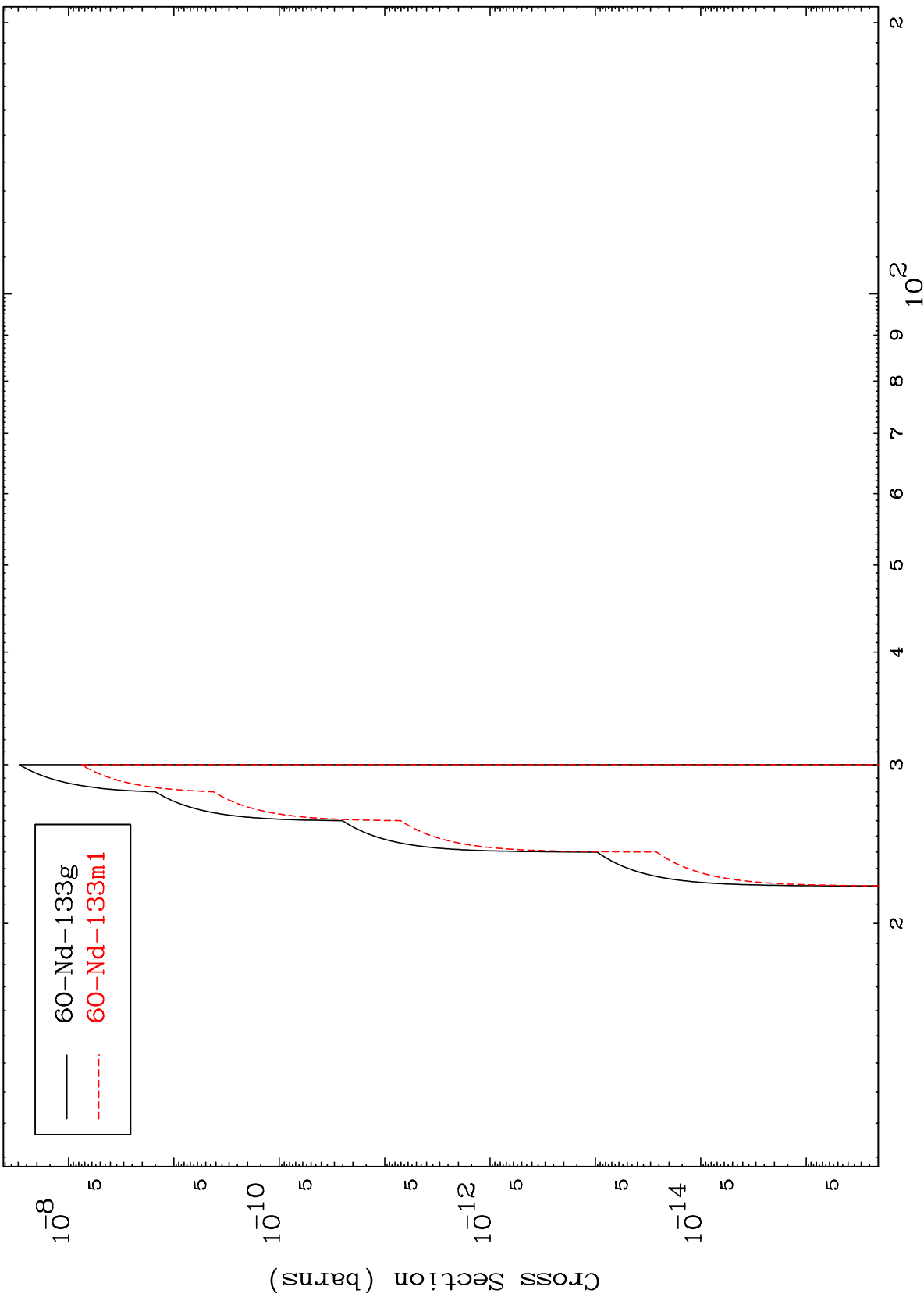
61-Pm-135

MAT 6113

(α, d) α

61-Pm-135

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-135

20