

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

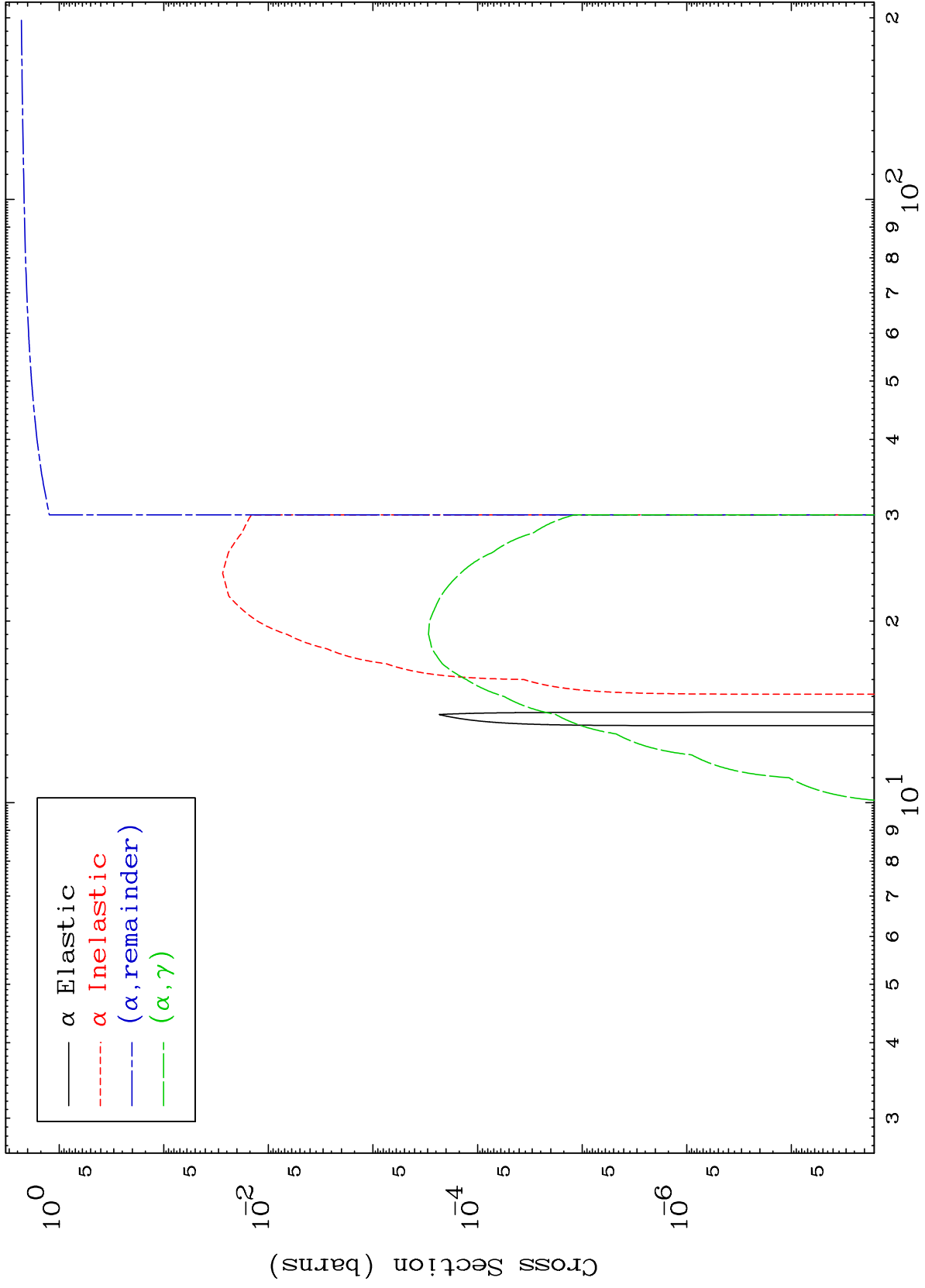
Dermott E. Cullen
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Livermore, CA 94550
U.S.A.

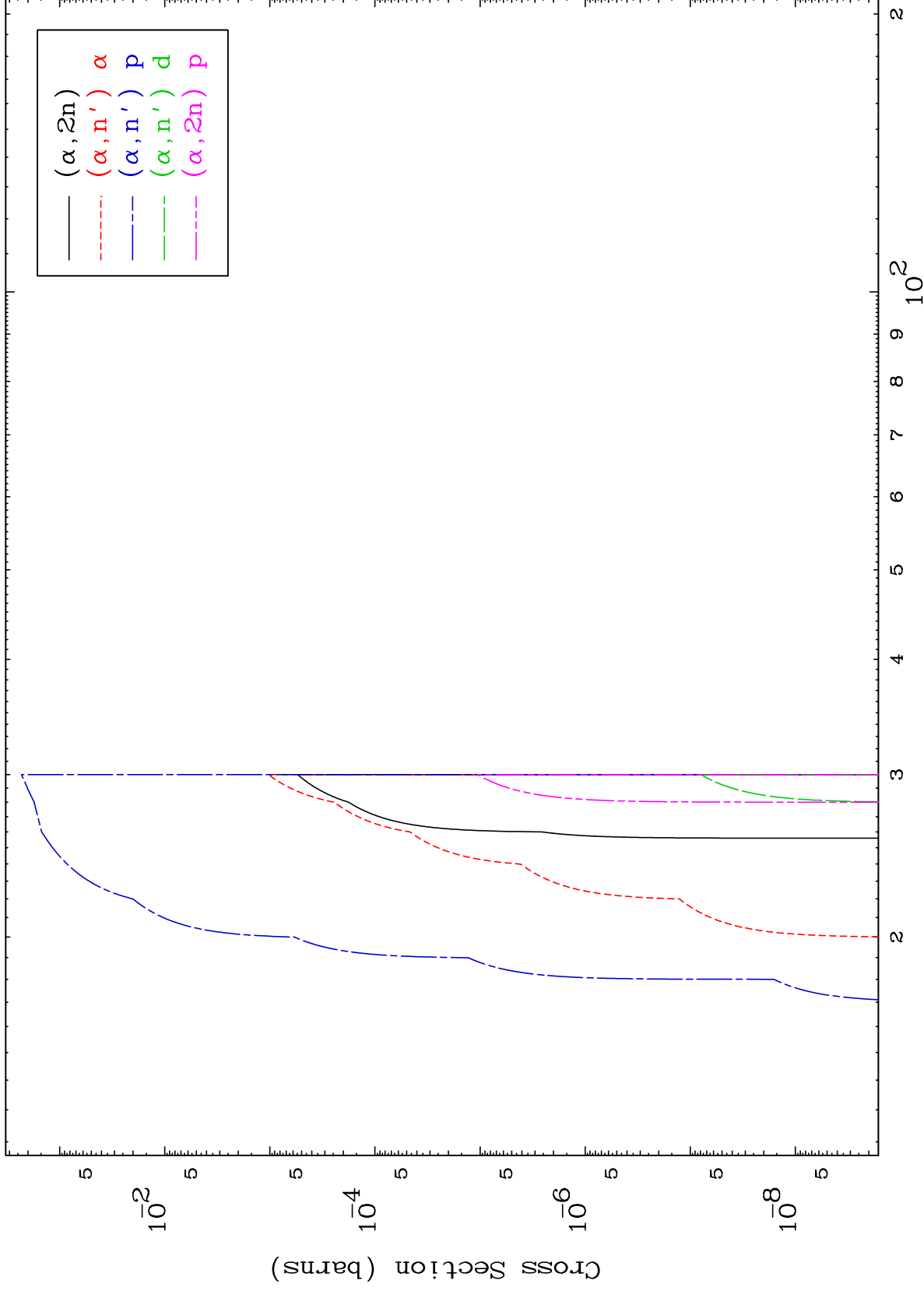
Tele: 925-443-1911

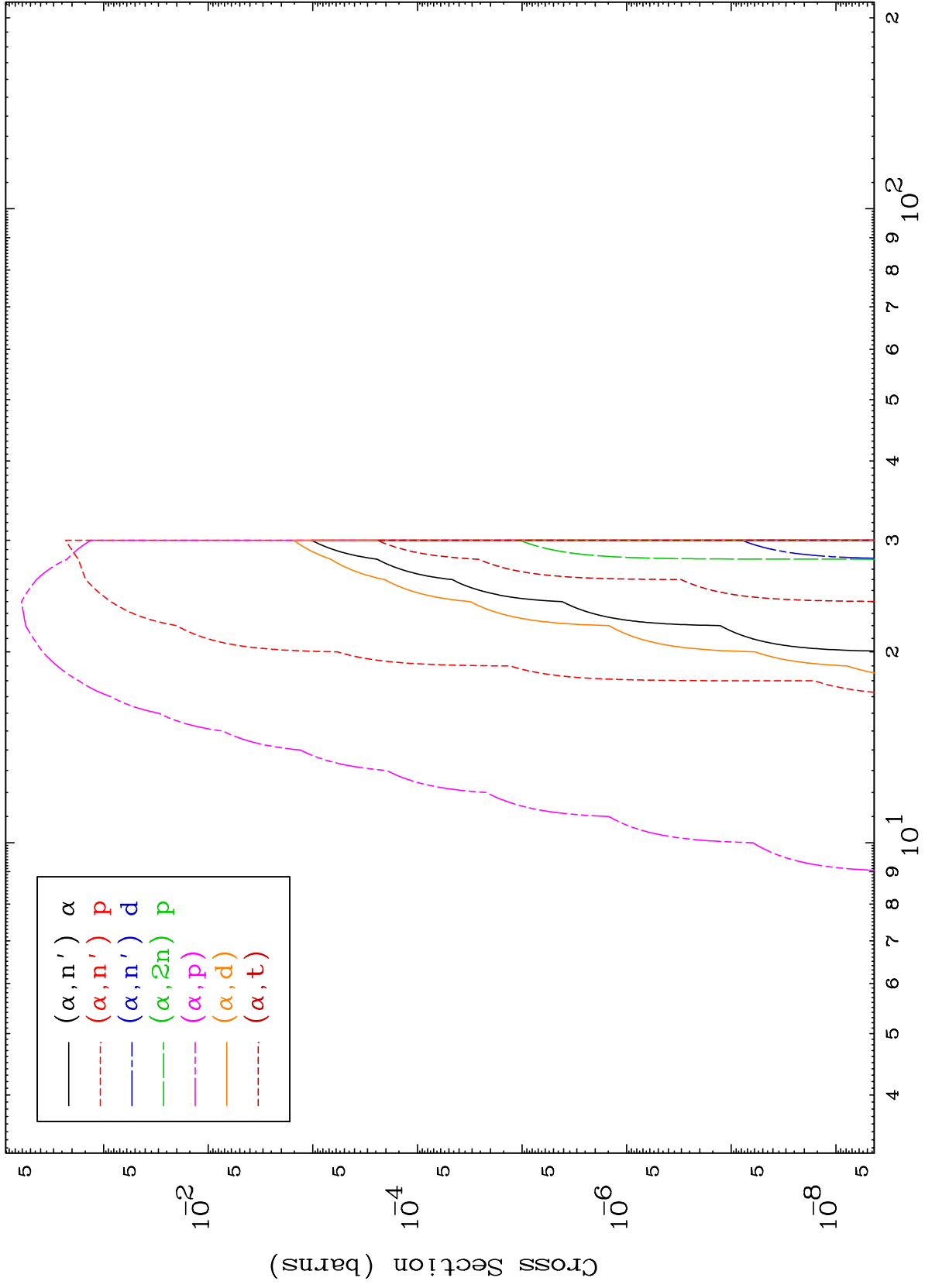
E.Mail:redcullen1@comcast.net

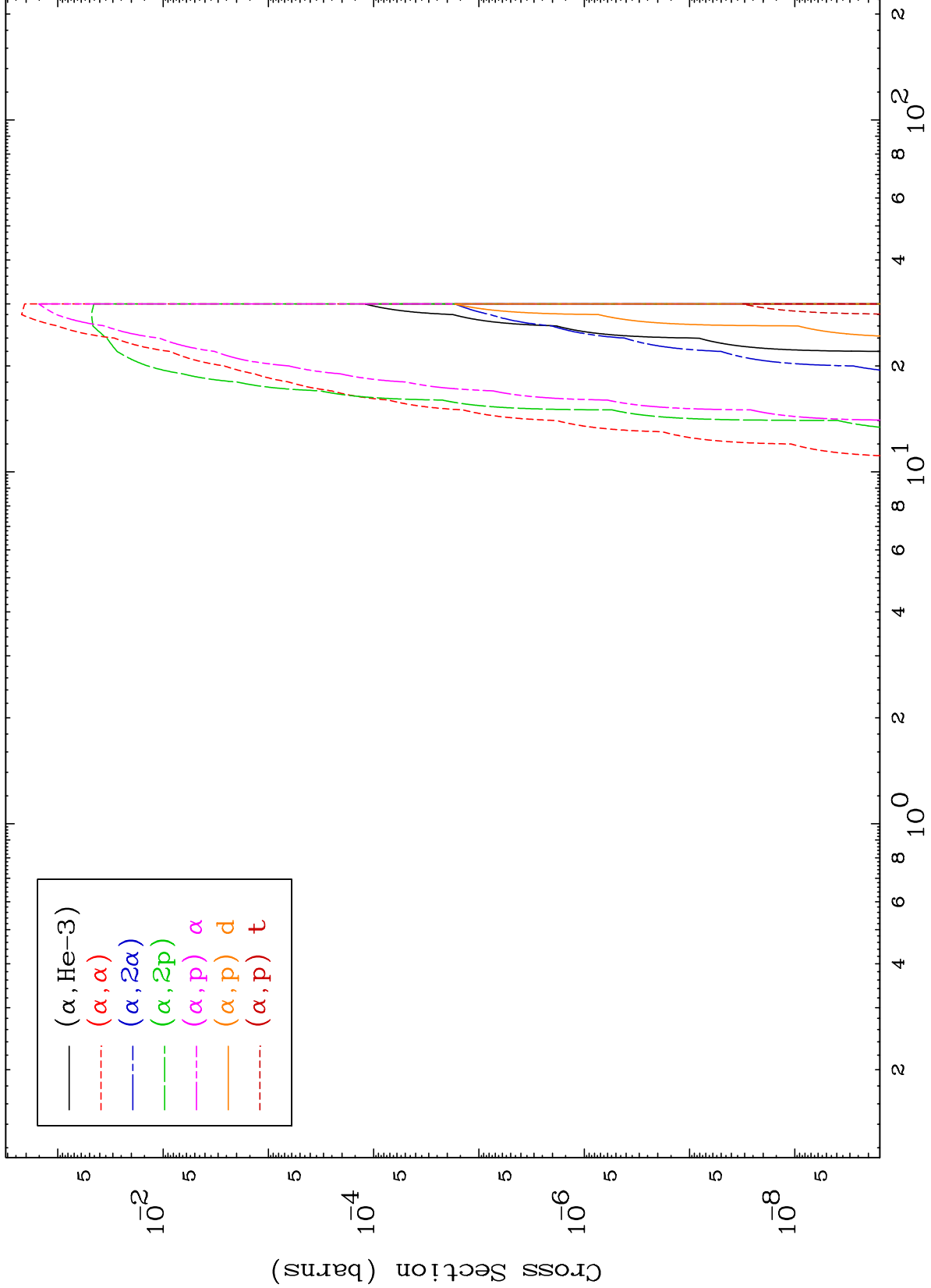
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Press Mouse Button to Start







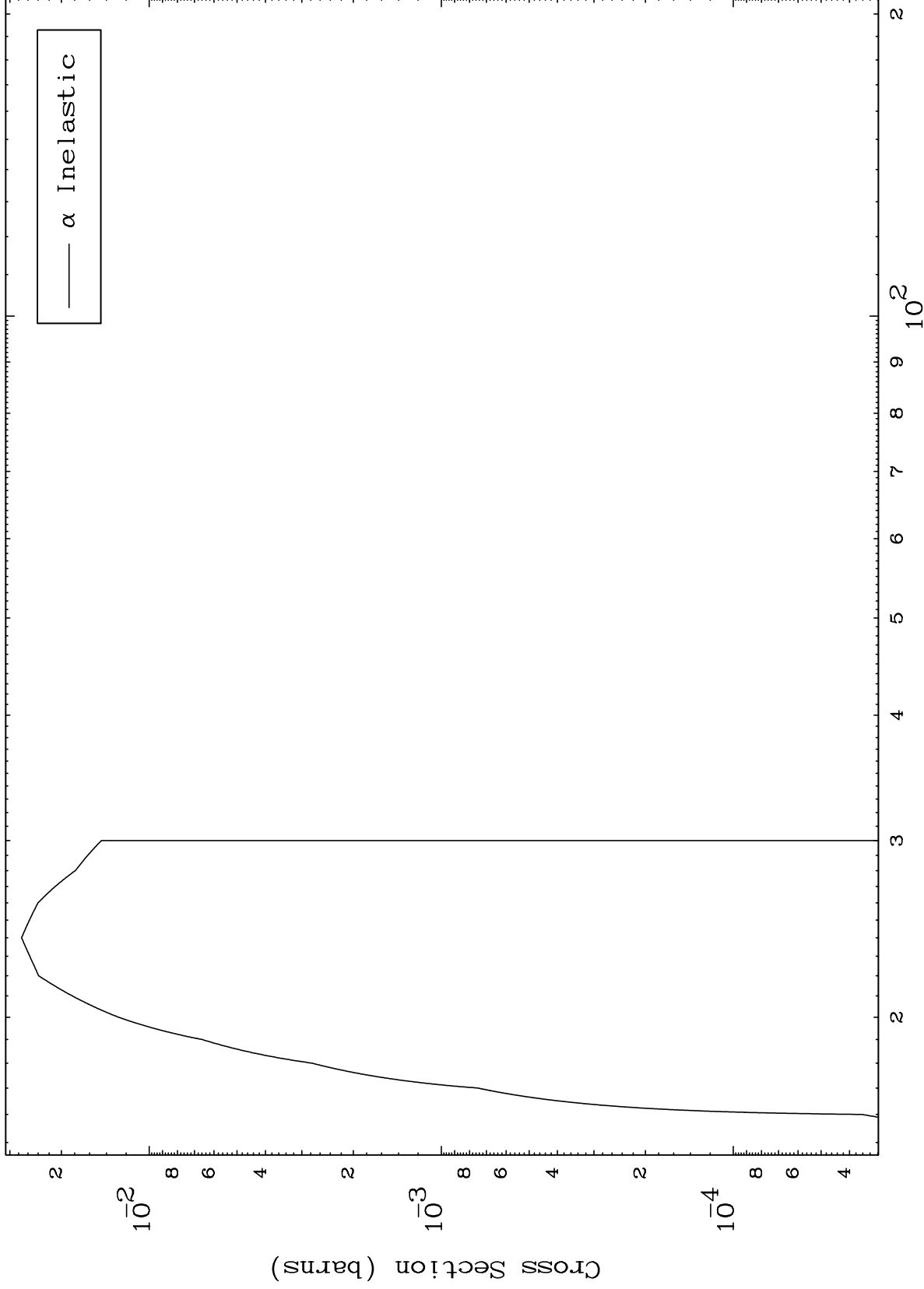


MAT 6108

(α, n') Level

61-Pm-133

0 Kelvin Cross Sections



5

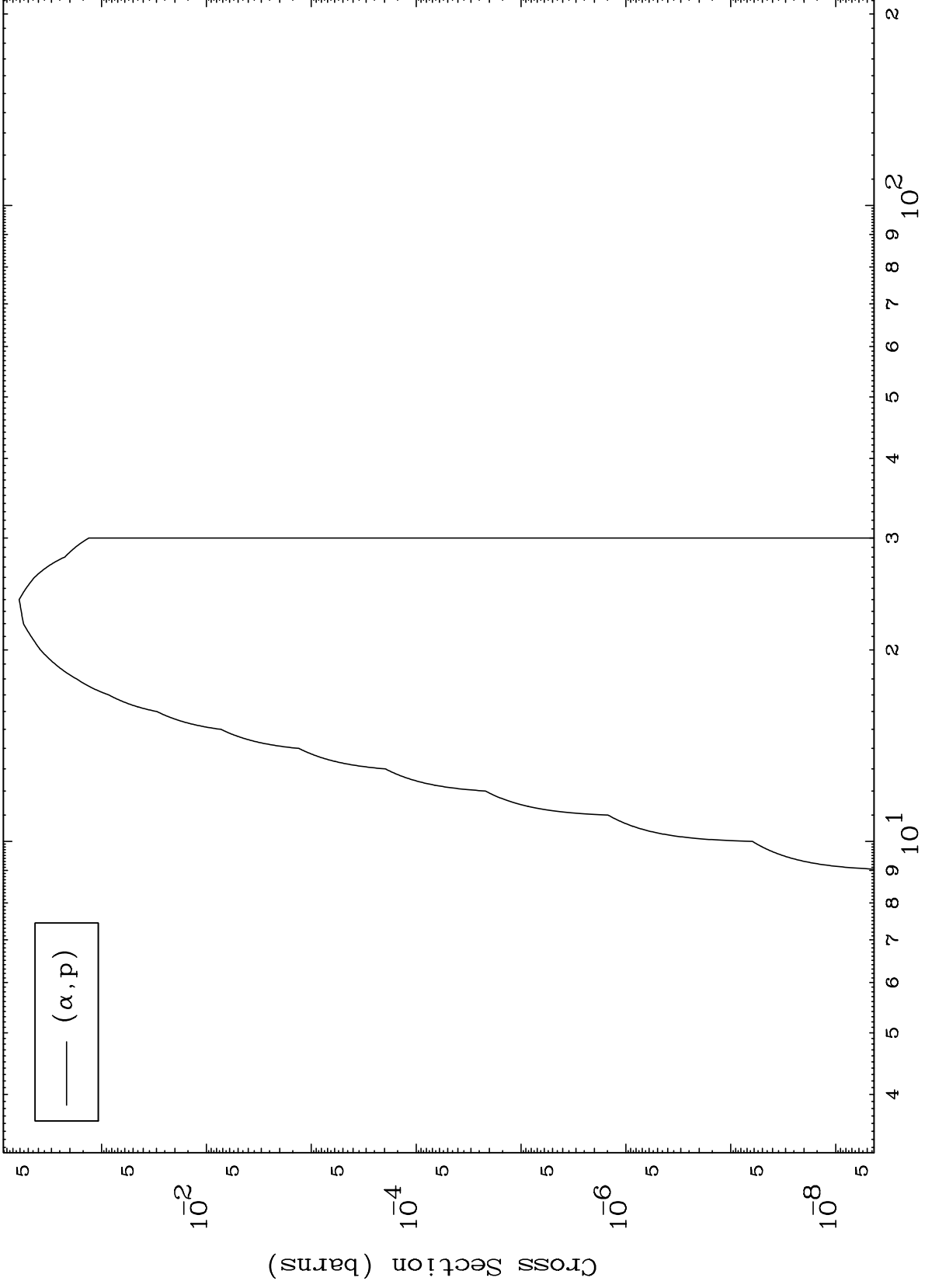
Incident Energy (MeV)

61-Pm-133

MAT 6108

61-Pm-133

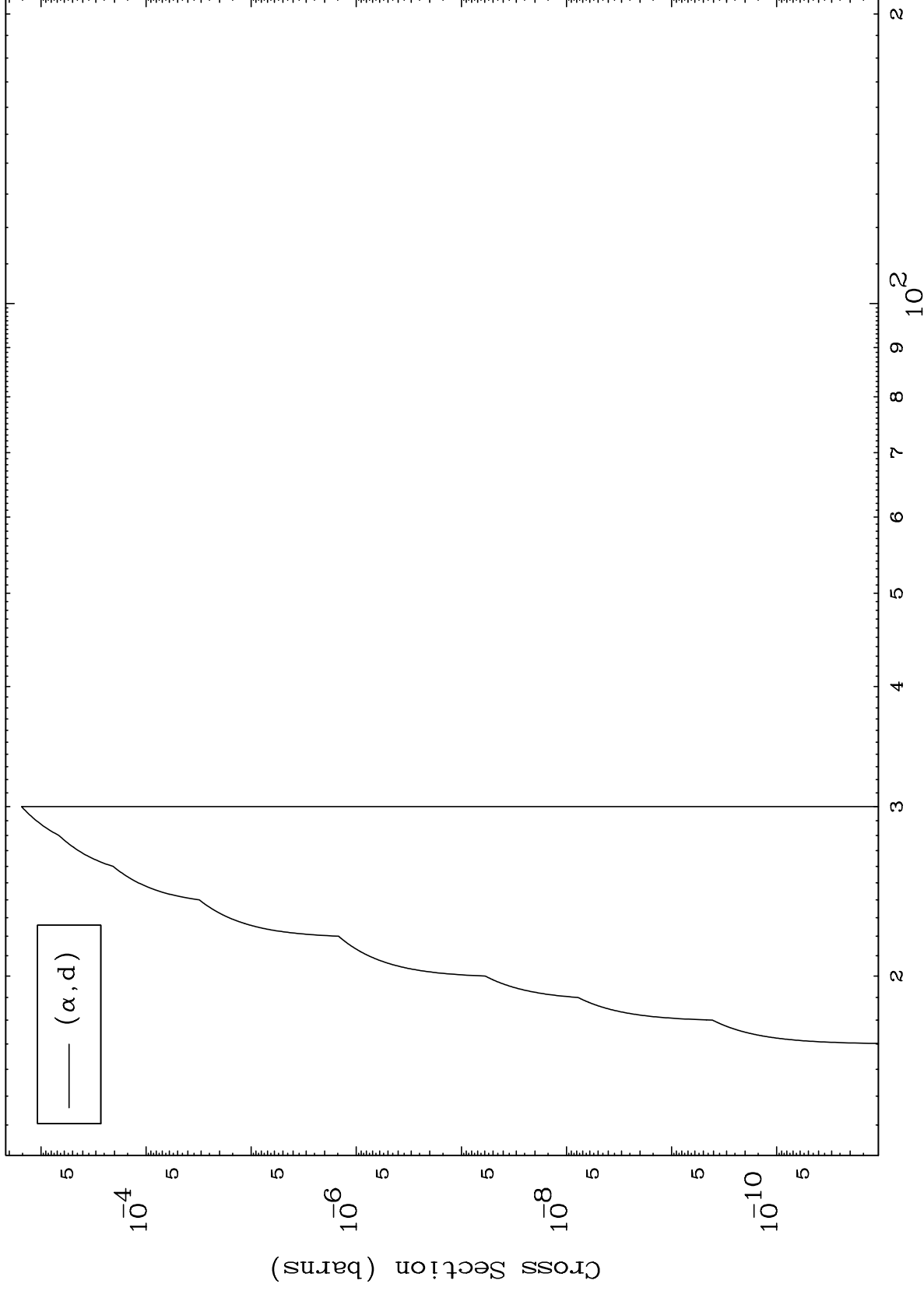
(α, p) Levels
0 Kelvin Cross Sections

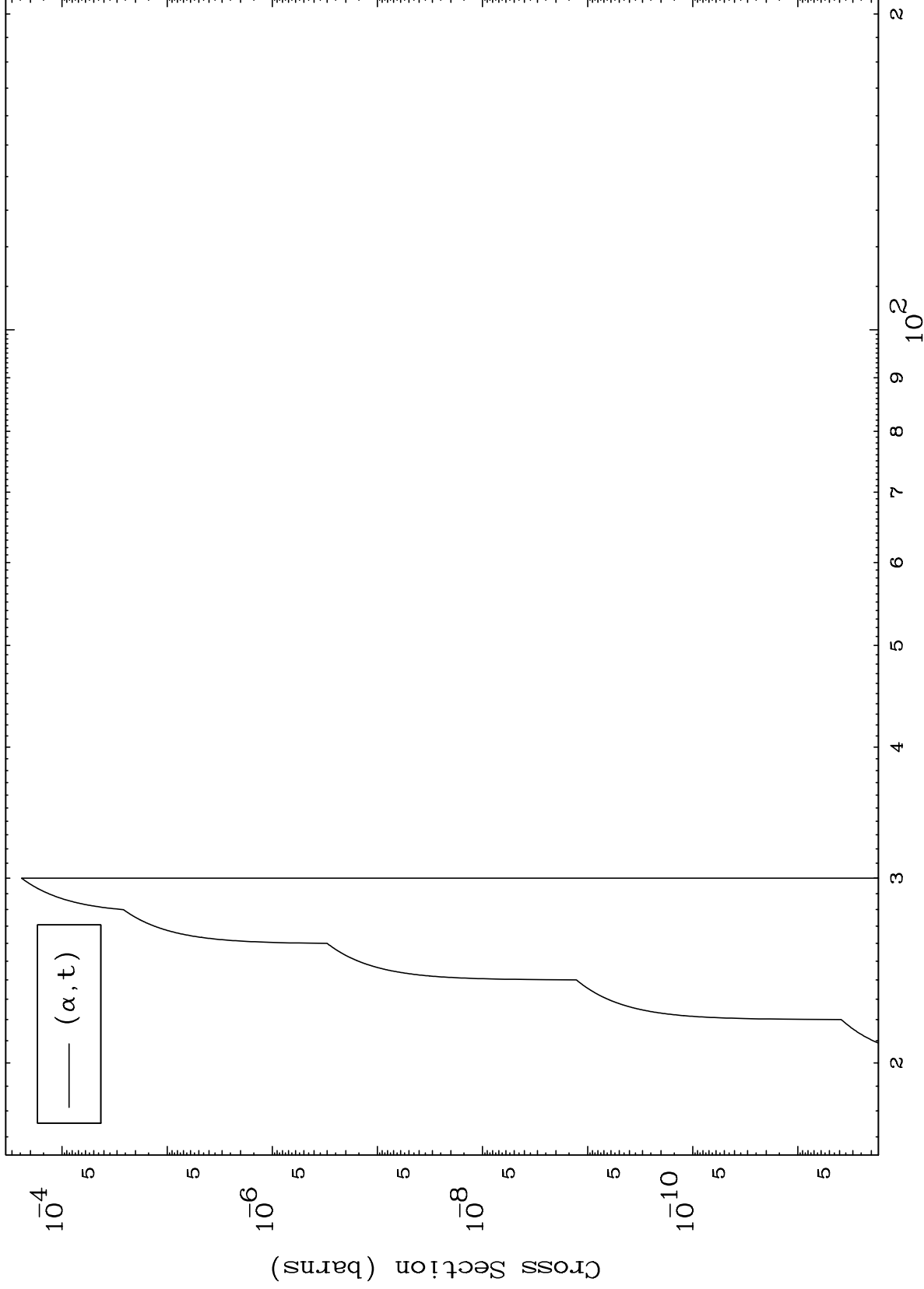


61-Pm-133

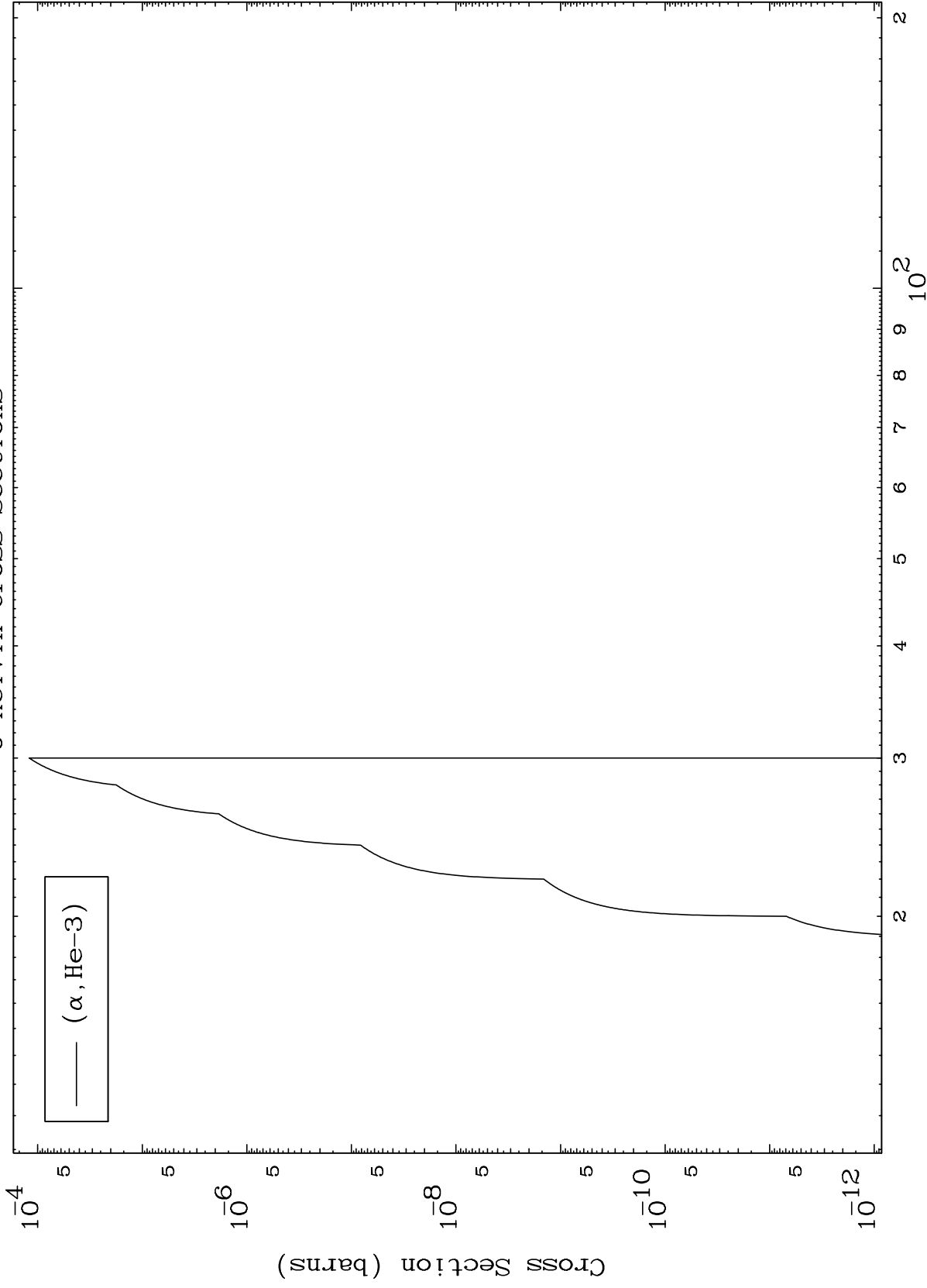
Incident Energy (MeV)

6





($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

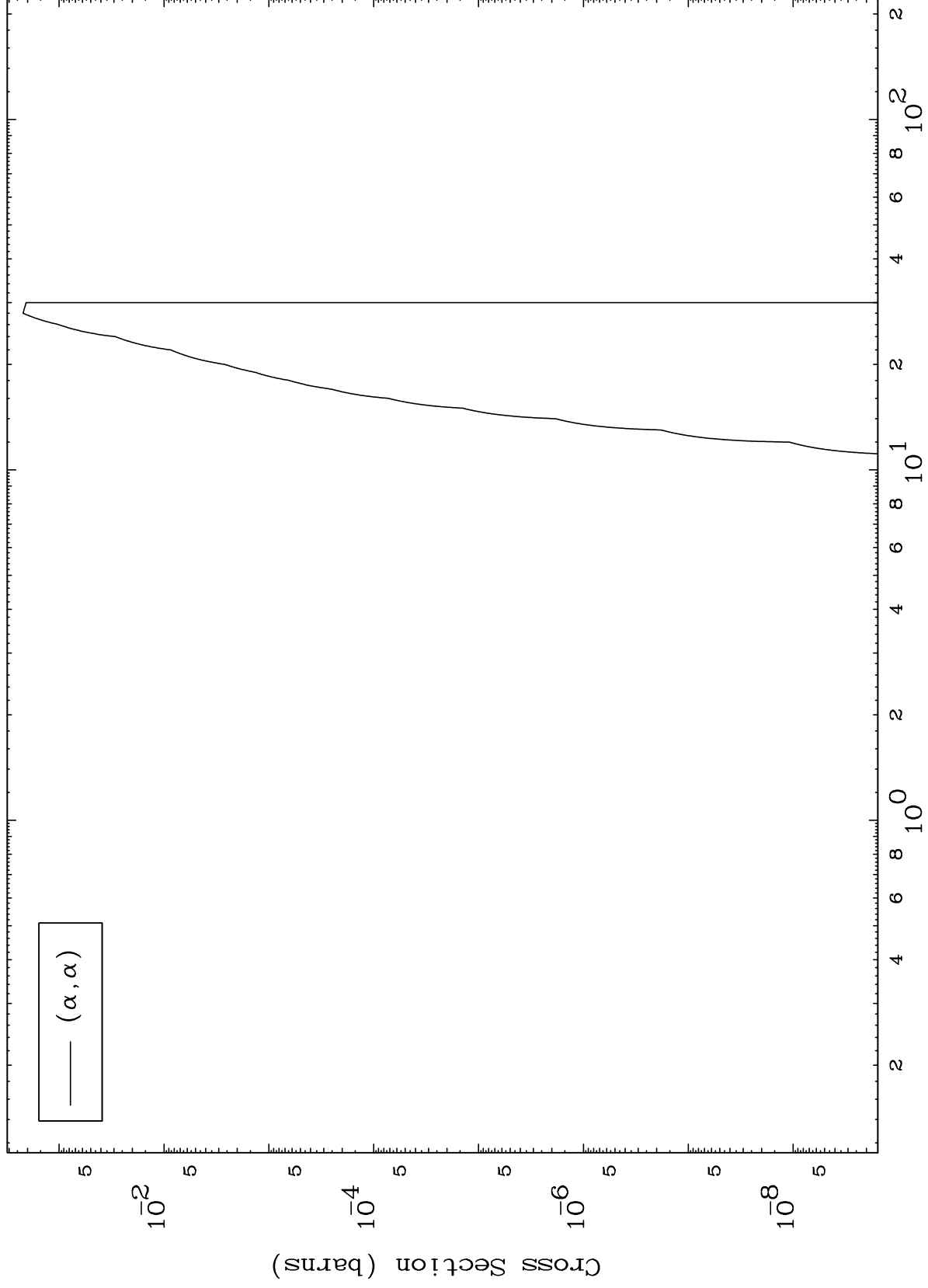


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(α, α) Levels

61-Pm-133

0 Kelvin Cross Sections



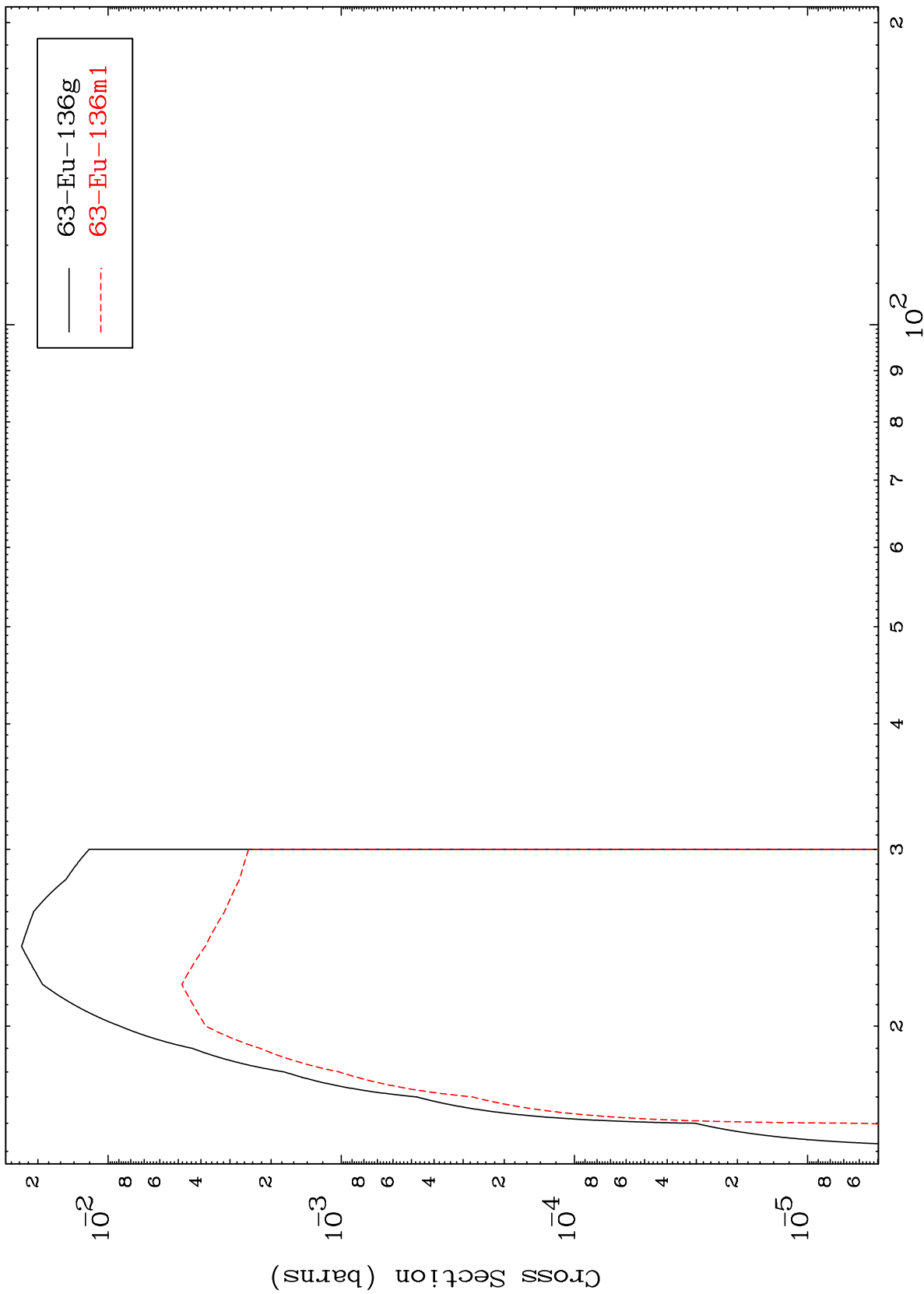
10

Incident Energy (MeV)

61-Pm-133

Radionuclide Production Cross Section

α Inelastic

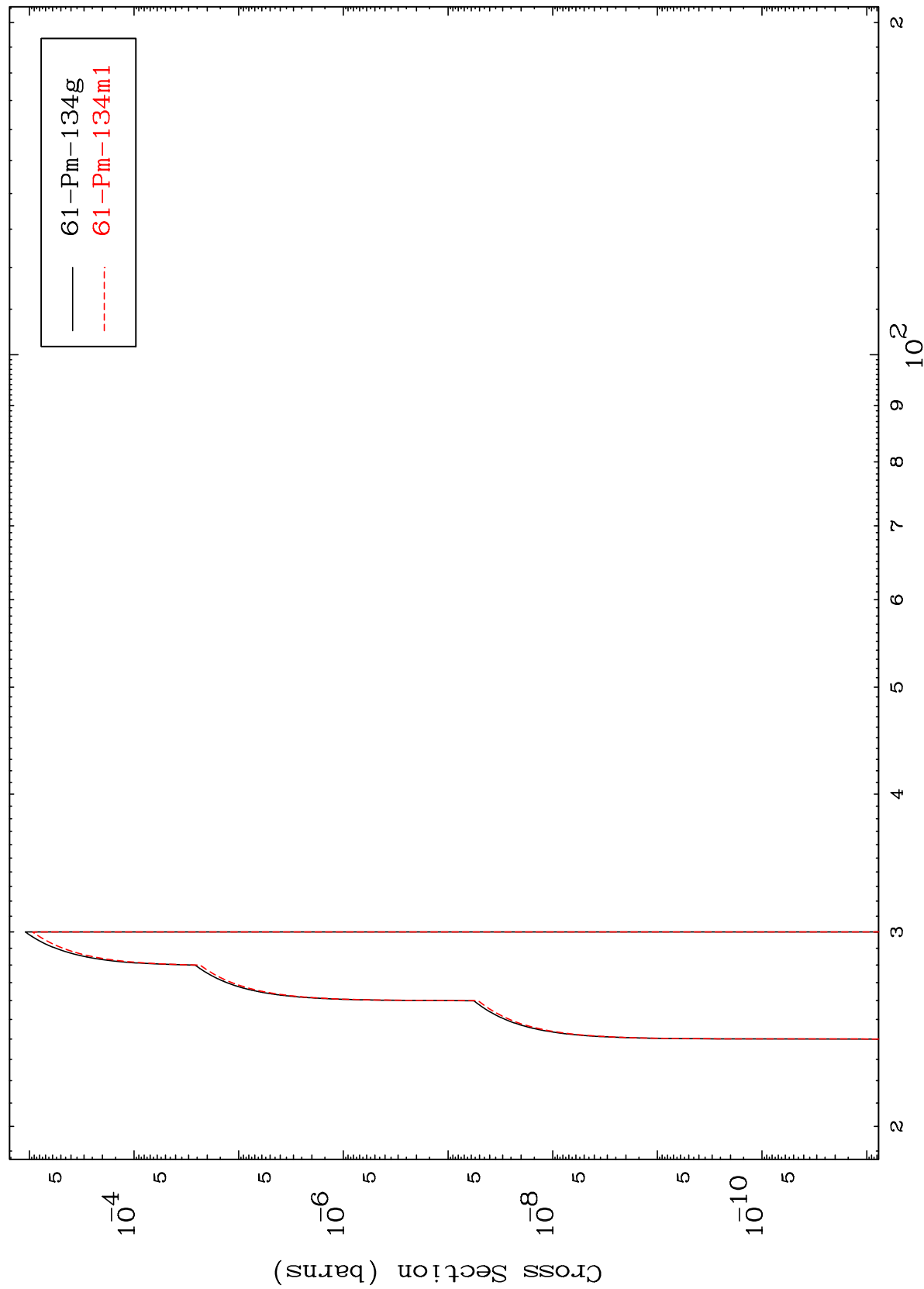


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$(\alpha, 2n)$ p

61-Pm-133

Radionuclide Production Cross Section



12

Incident Energy (MeV)

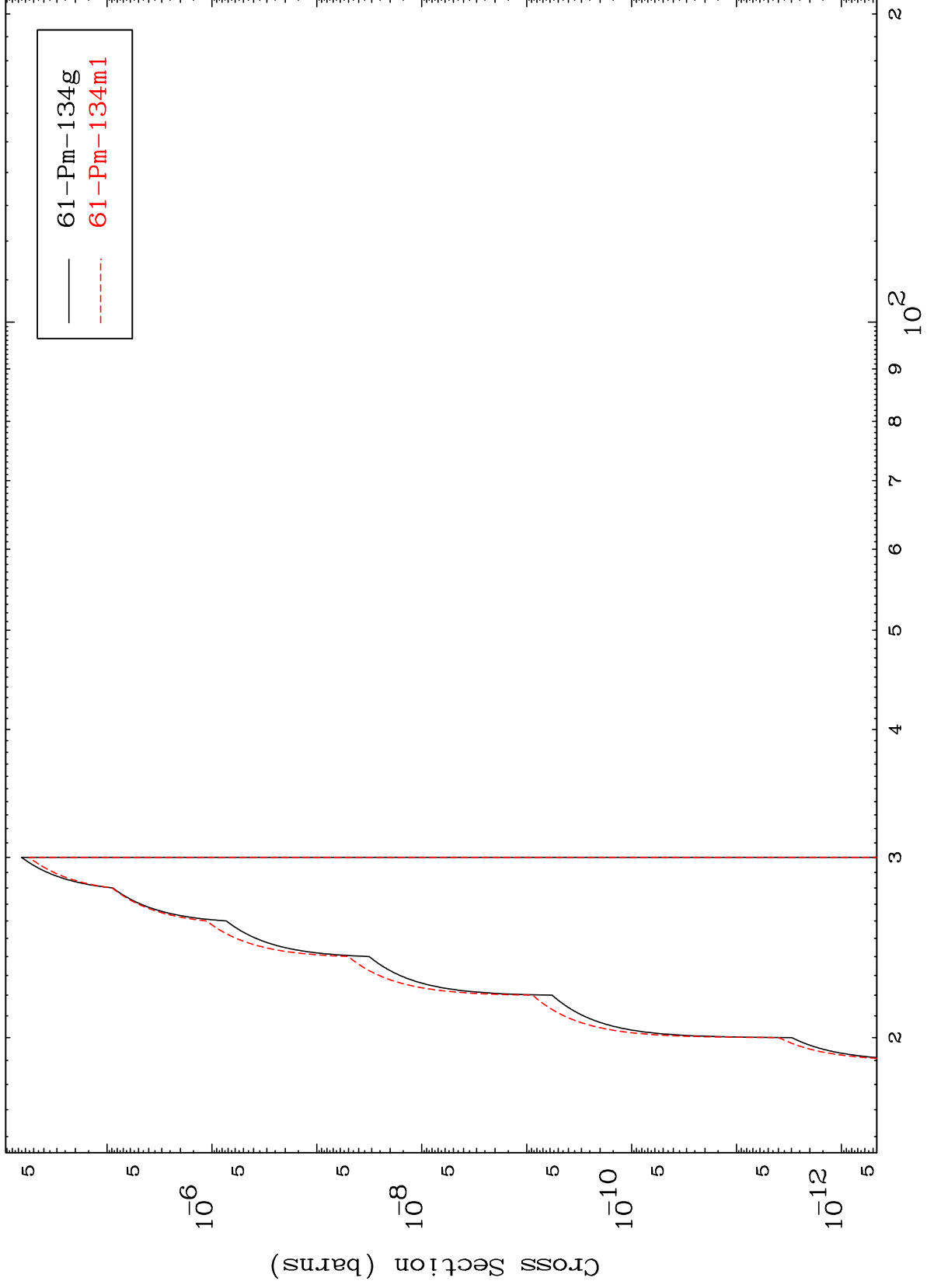
61-Pm-133

MAT 6108

($\alpha, \text{He-3}$)

61-Pm-133

Radionuclide Production Cross Section



13

Incident Energy (MeV)

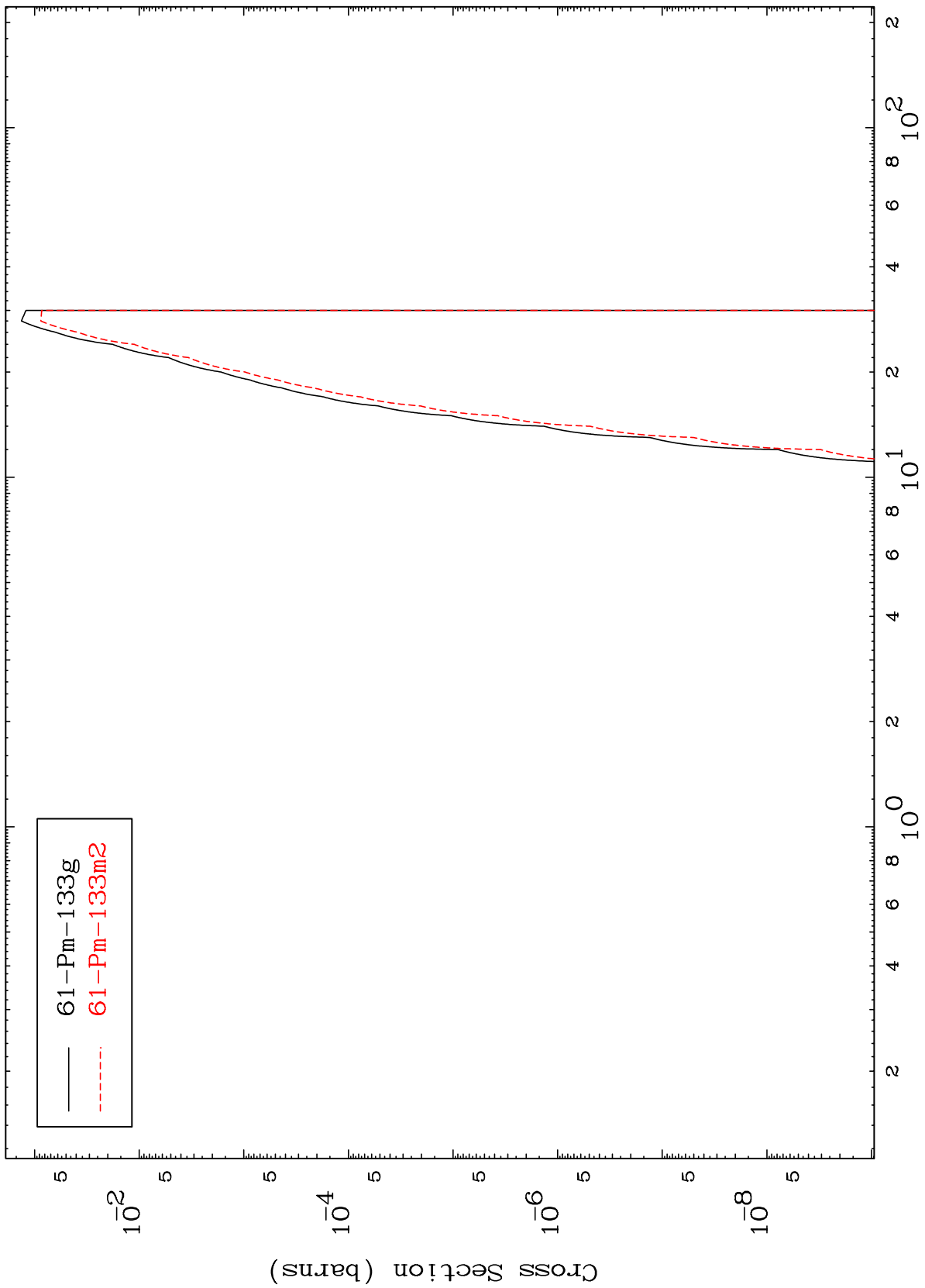
61-Pm-133

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(α, α)

61-Pm-133

Radionuclide Production Cross Section

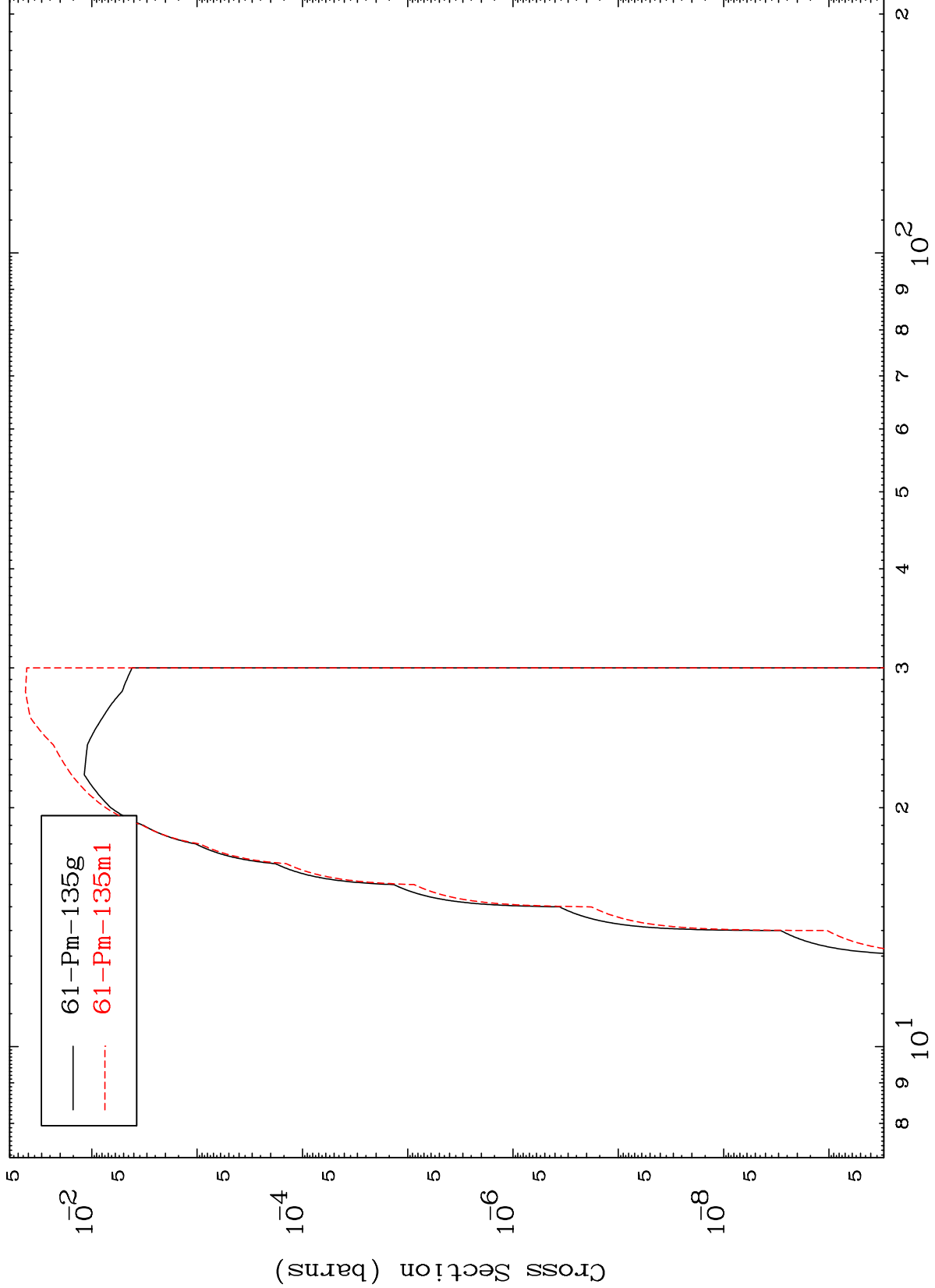


61-Pm-133g
61-Pm-133m2

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61-Pm-133

($\alpha, 2p$)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

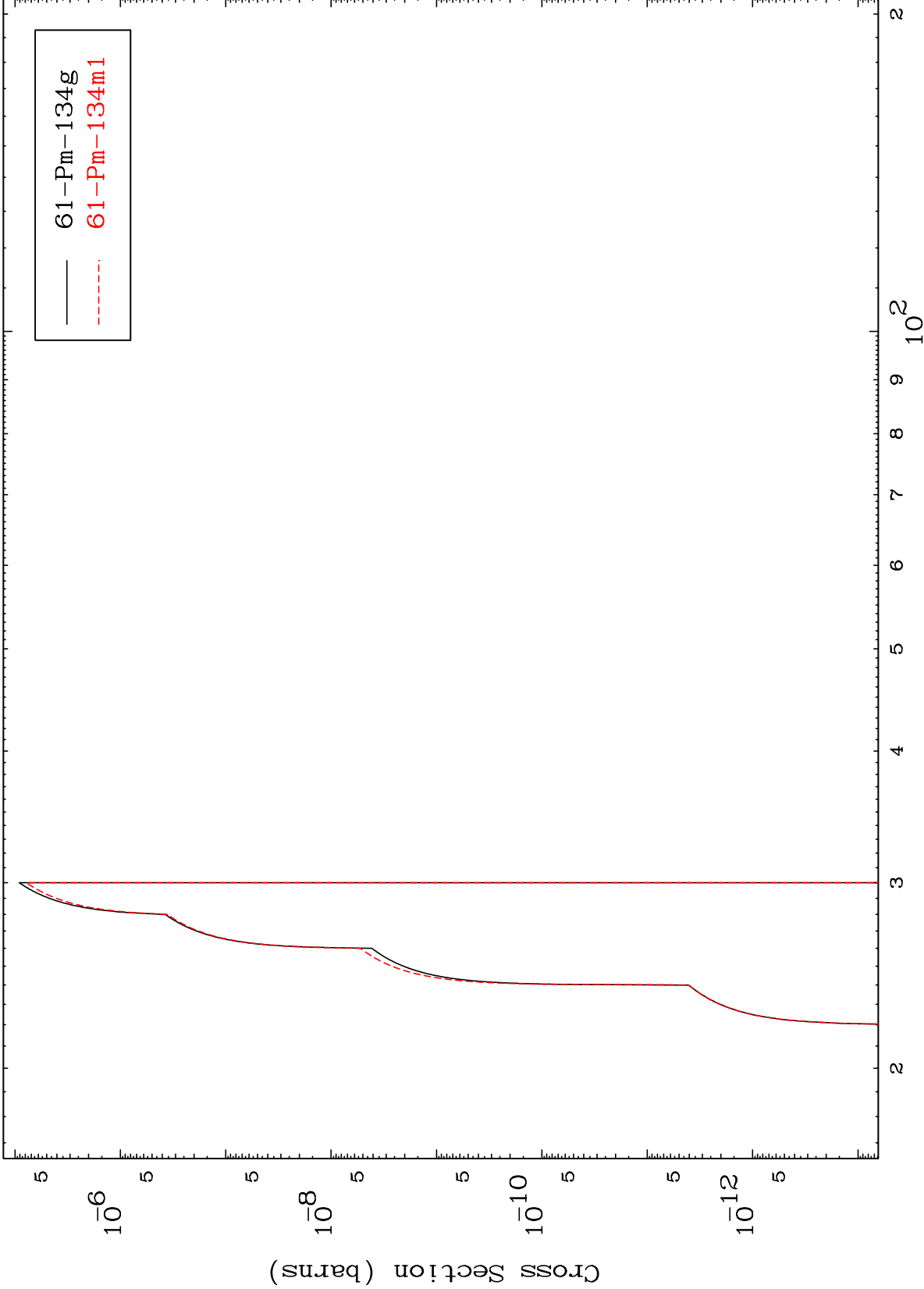
61-Pm-133

MAT 6108

(α, p) d

61-Pm-133

Radionuclide Production Cross Section



16

Incident Energy (MeV)

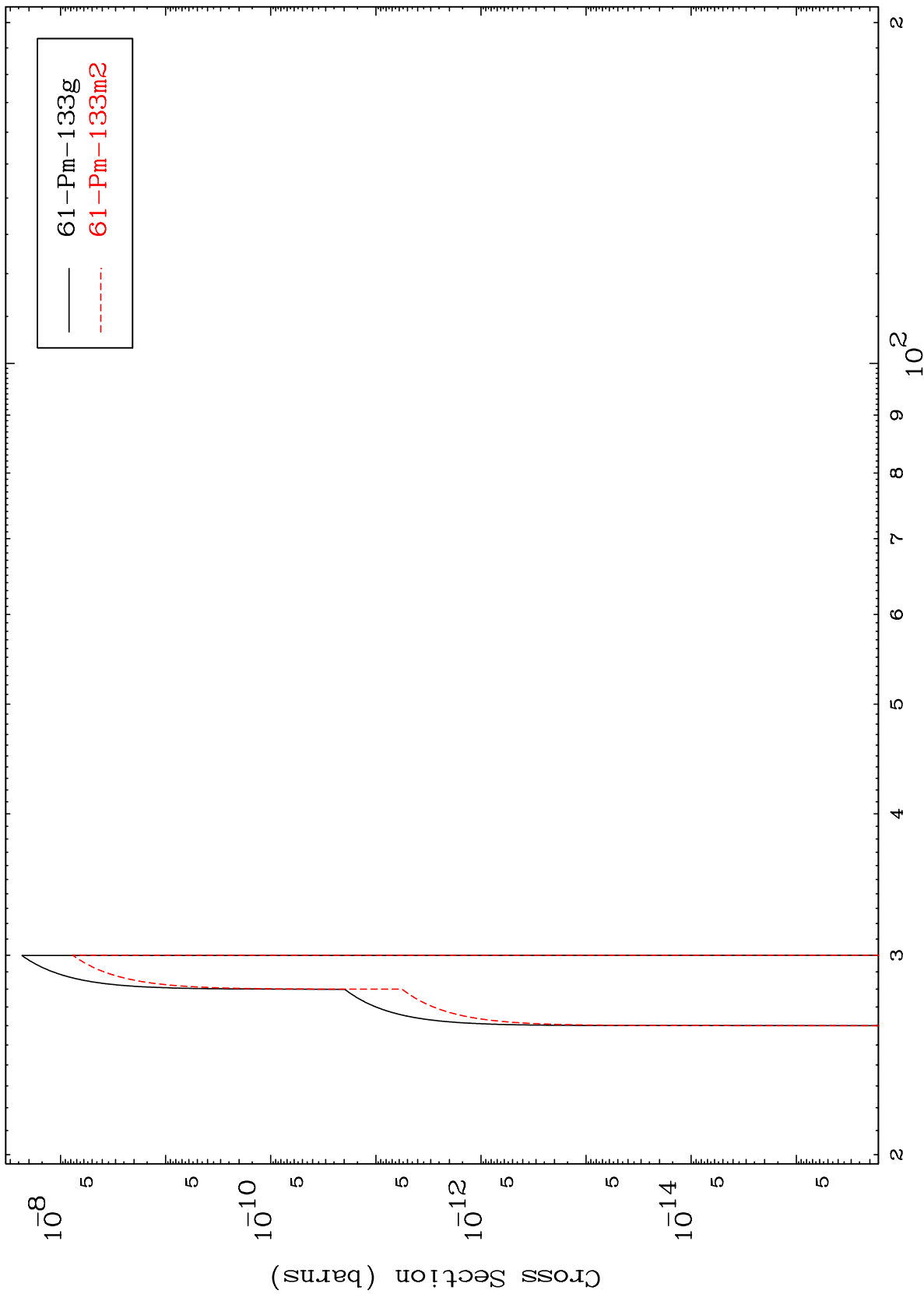
61-Pm-133

MAT 6108

(α, p) t

61-Pm-133

Radionuclide Production Cross Section



17

Incident Energy (MeV)

61-Pm-133