

Program EVALPLOT
(Version 2018-1)

by

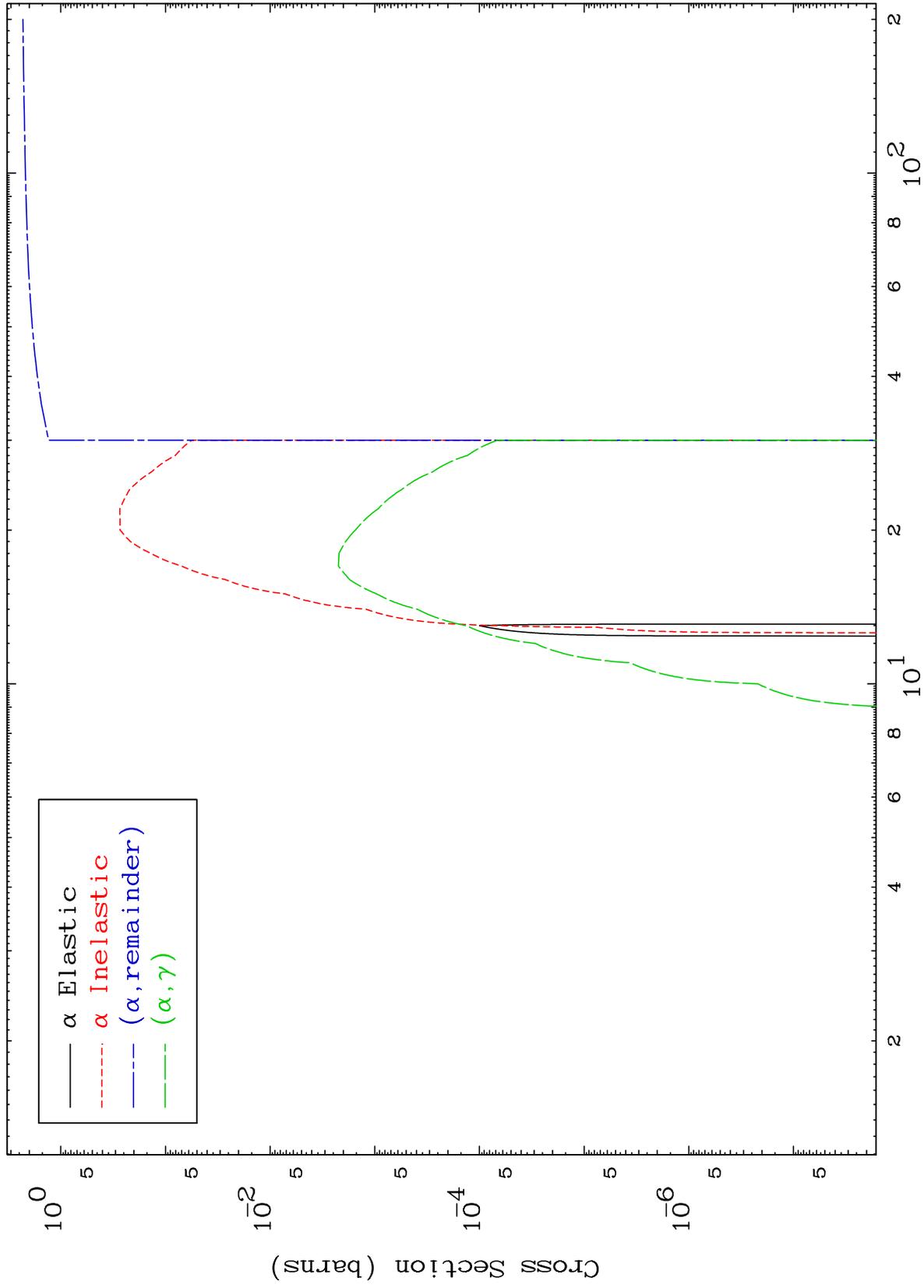
Dermott E. Cullen
(Present Contact Information)

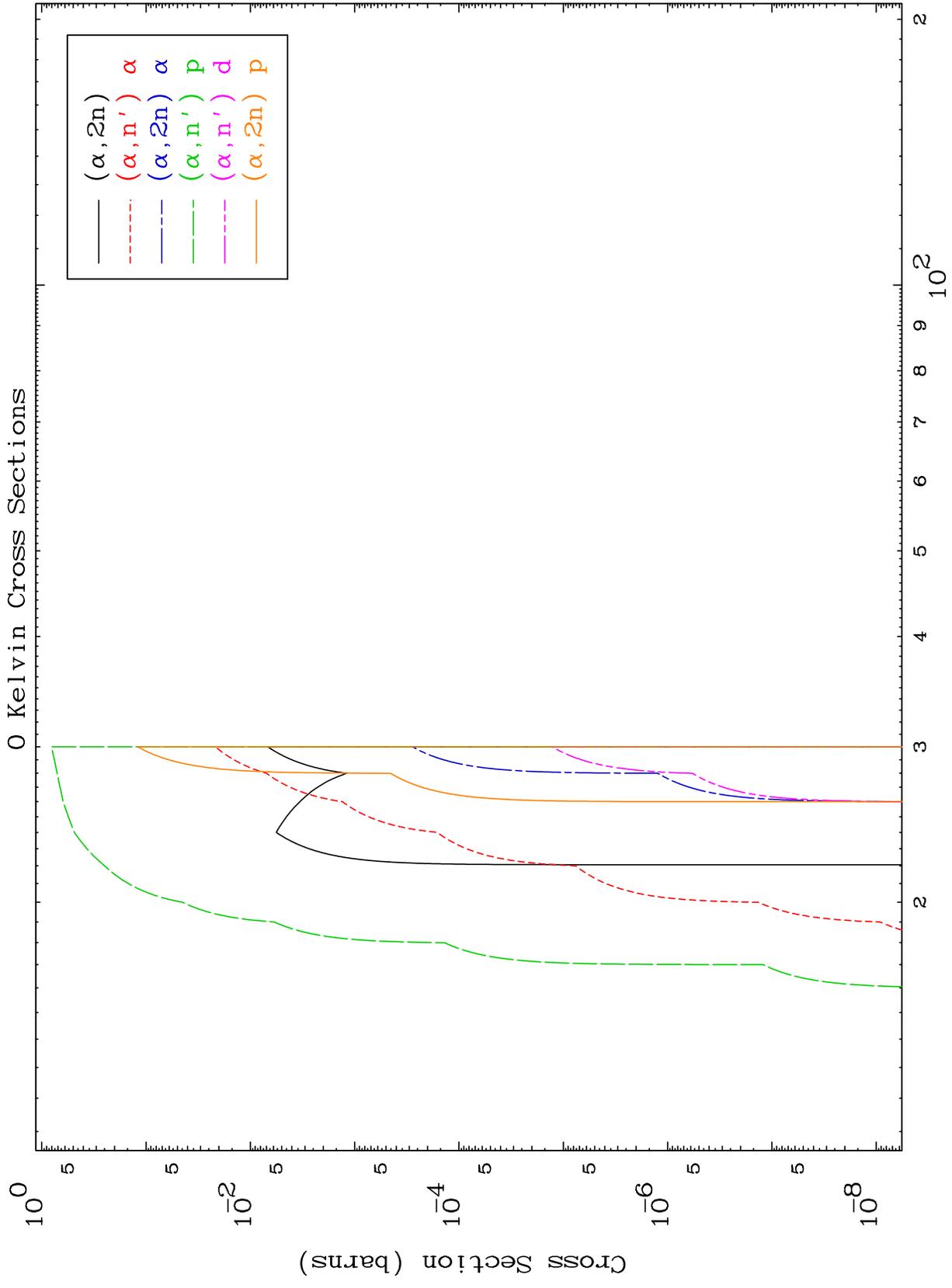
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

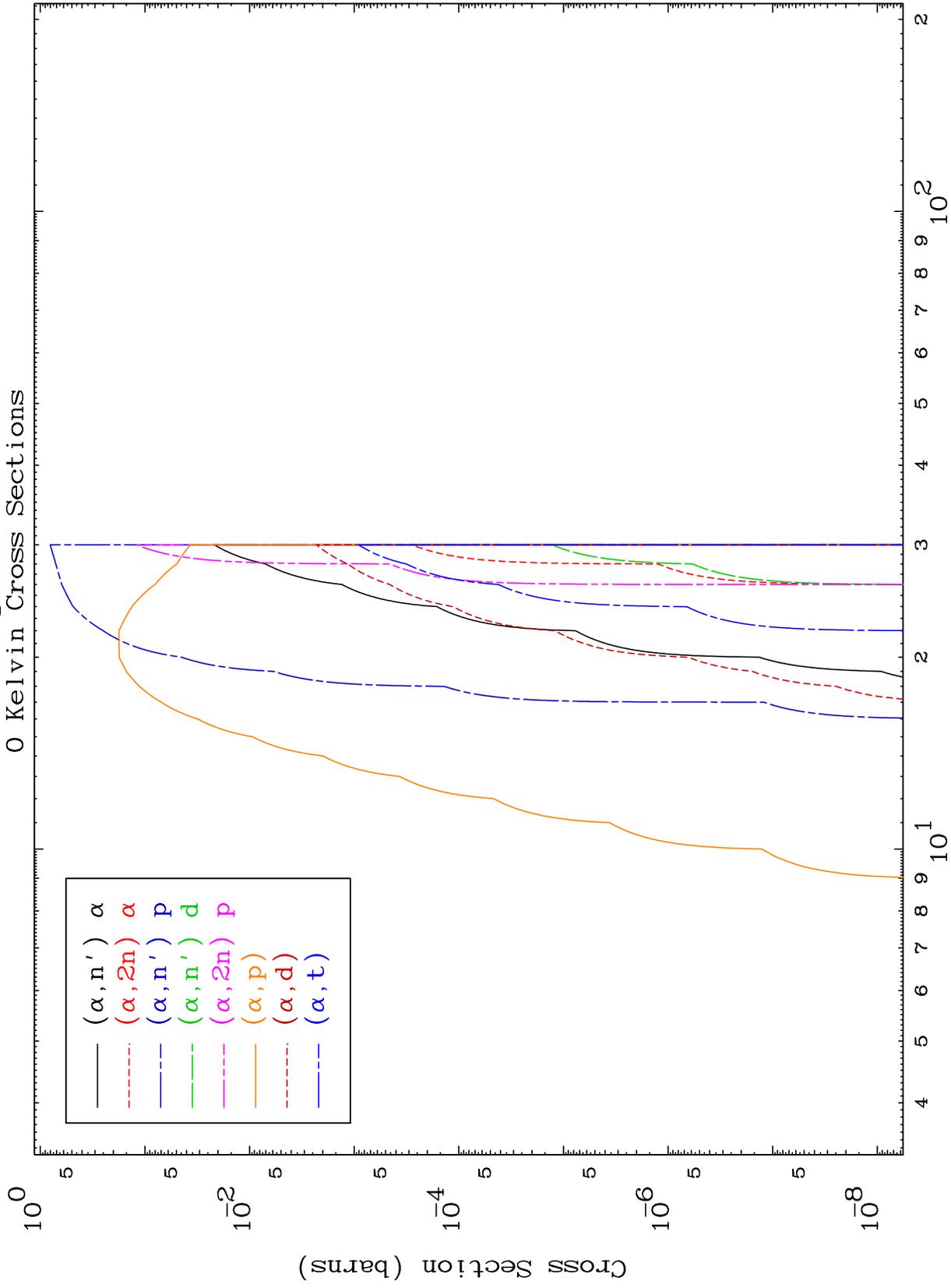
Tele: 925-443-1911

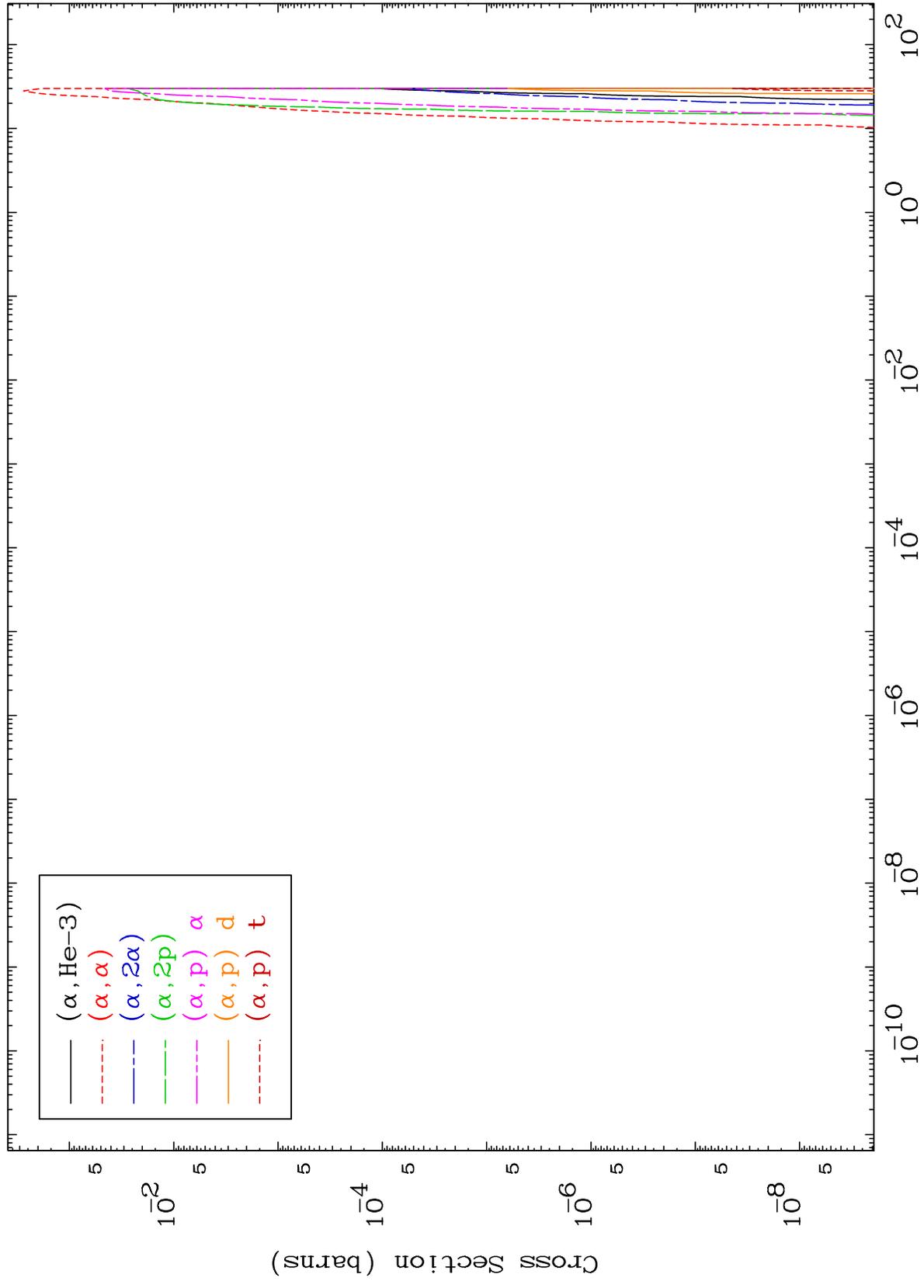
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Web:redcullen1.net/HOMEPAGE.NEW

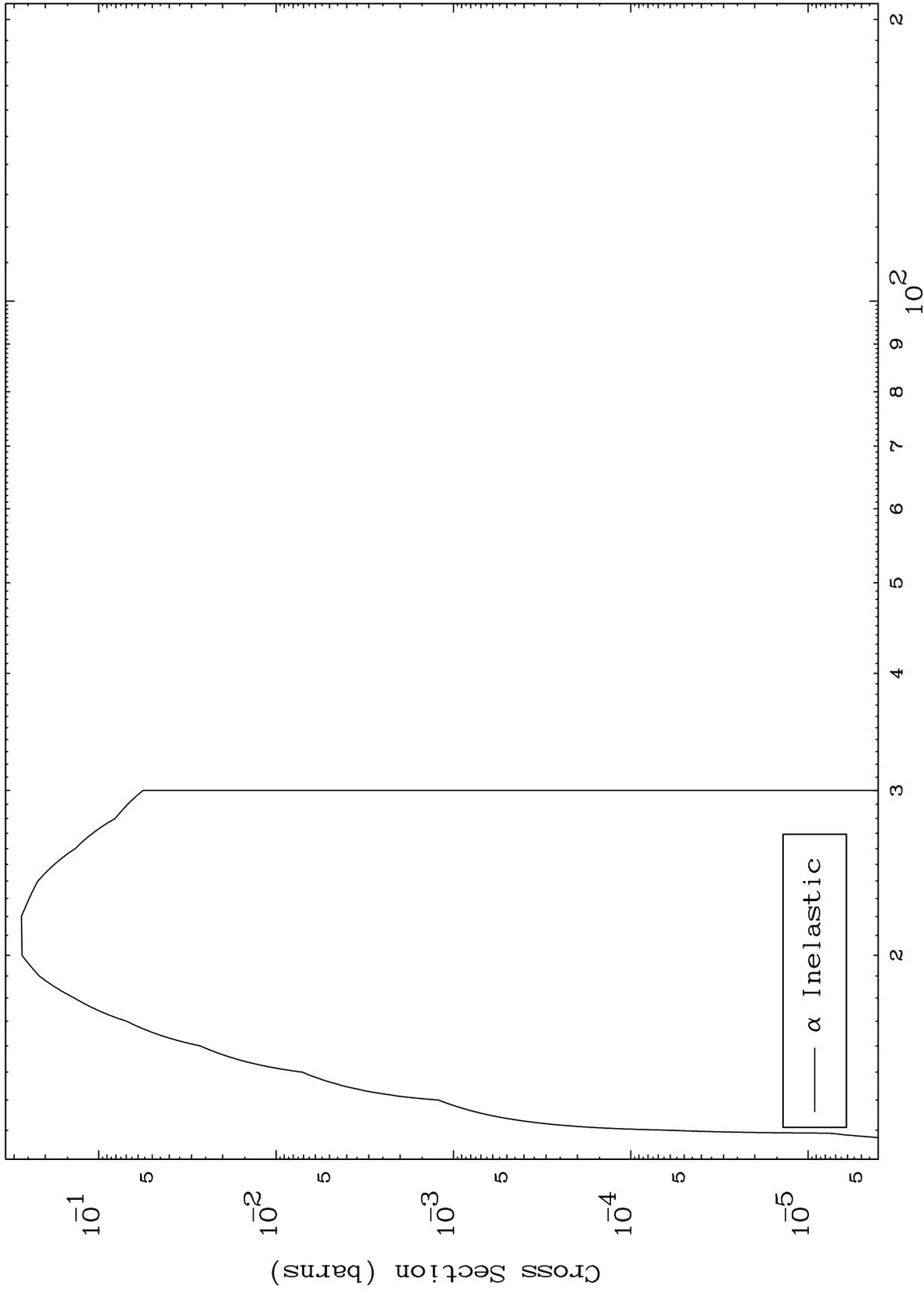
Press Mouse Button to Start

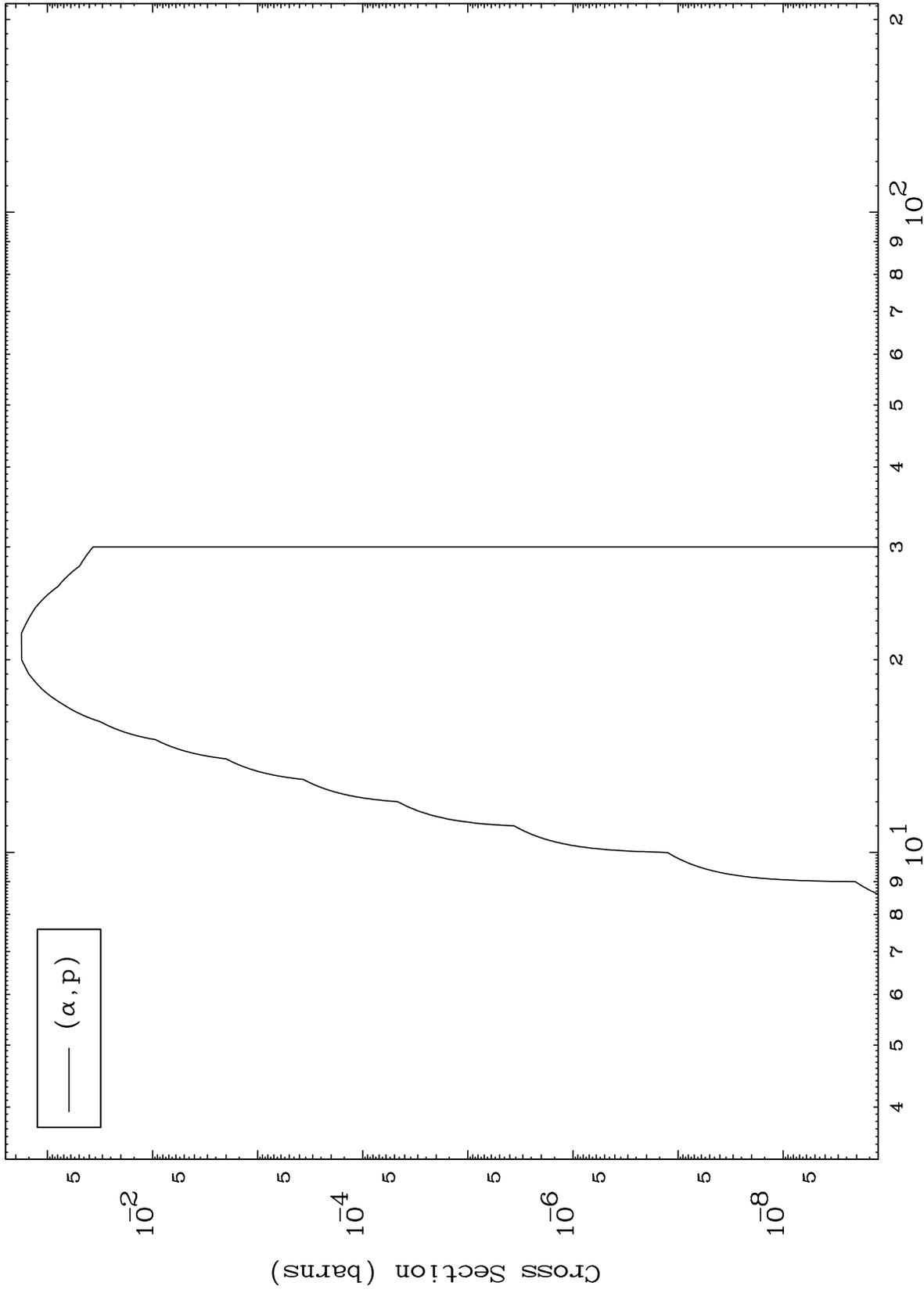


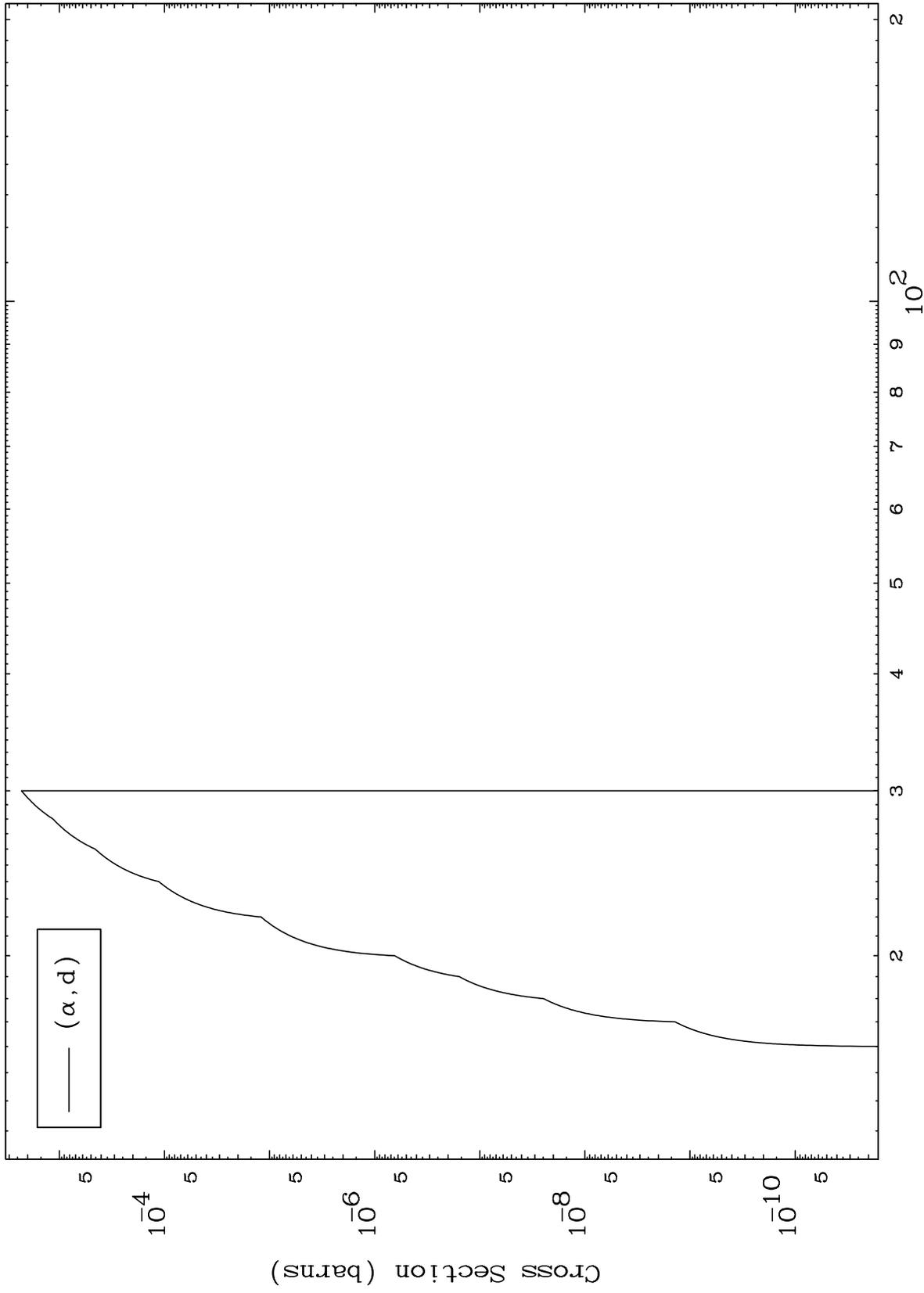


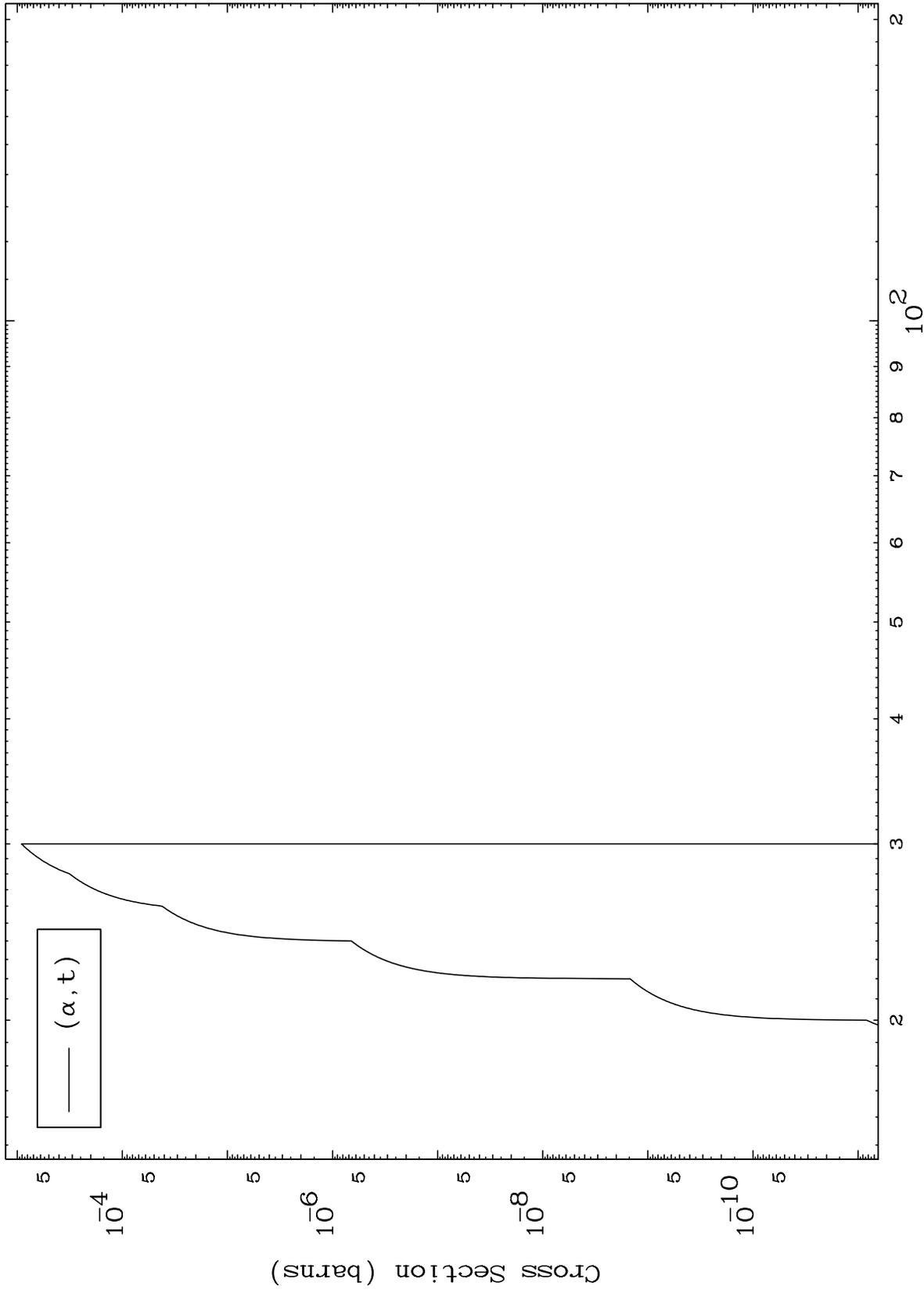


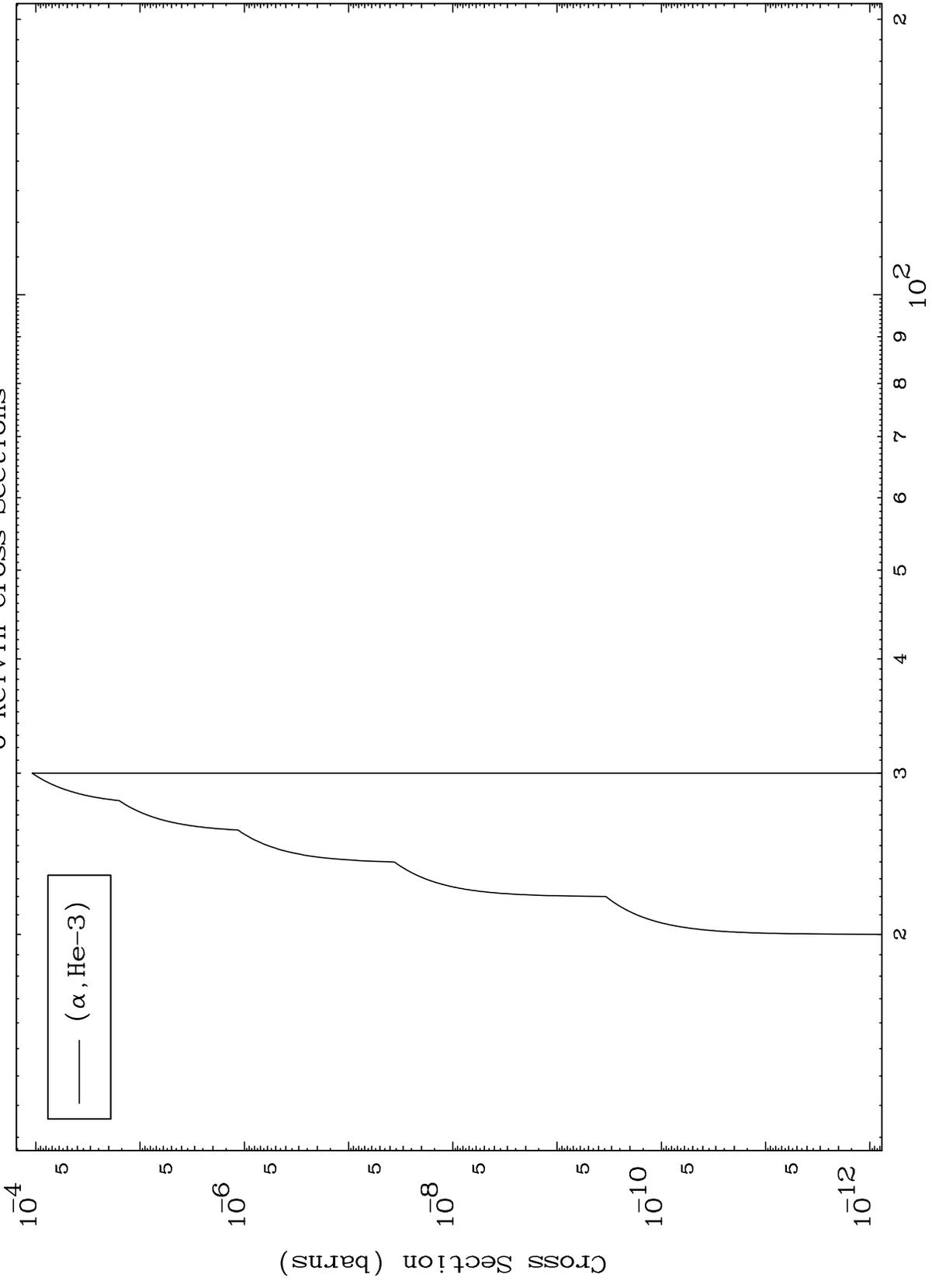








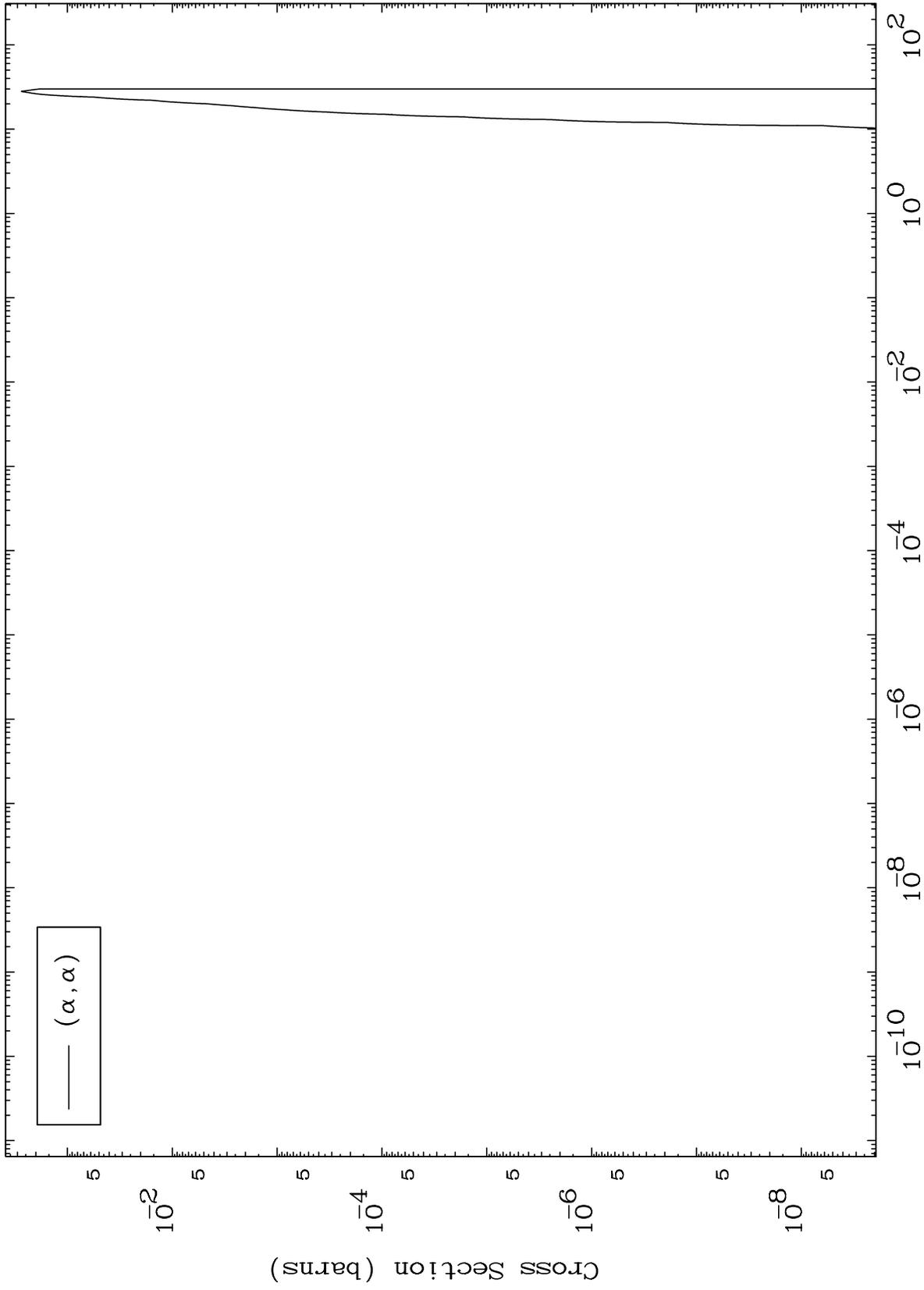




MAT 5902

(α, α) Levels
0 Kelvin Cross Sections

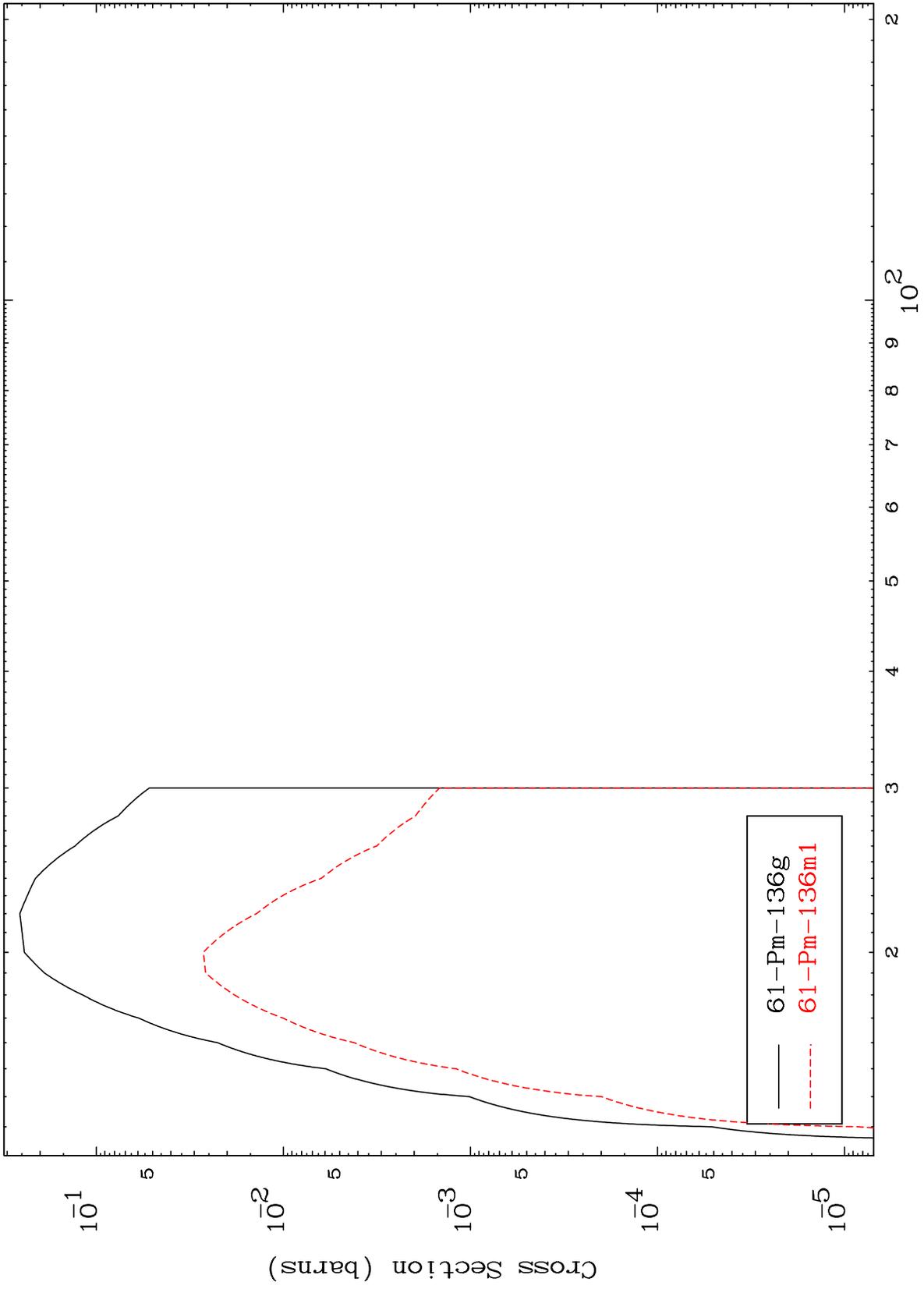
59-Pr-133



10

Incident Energy (MeV)

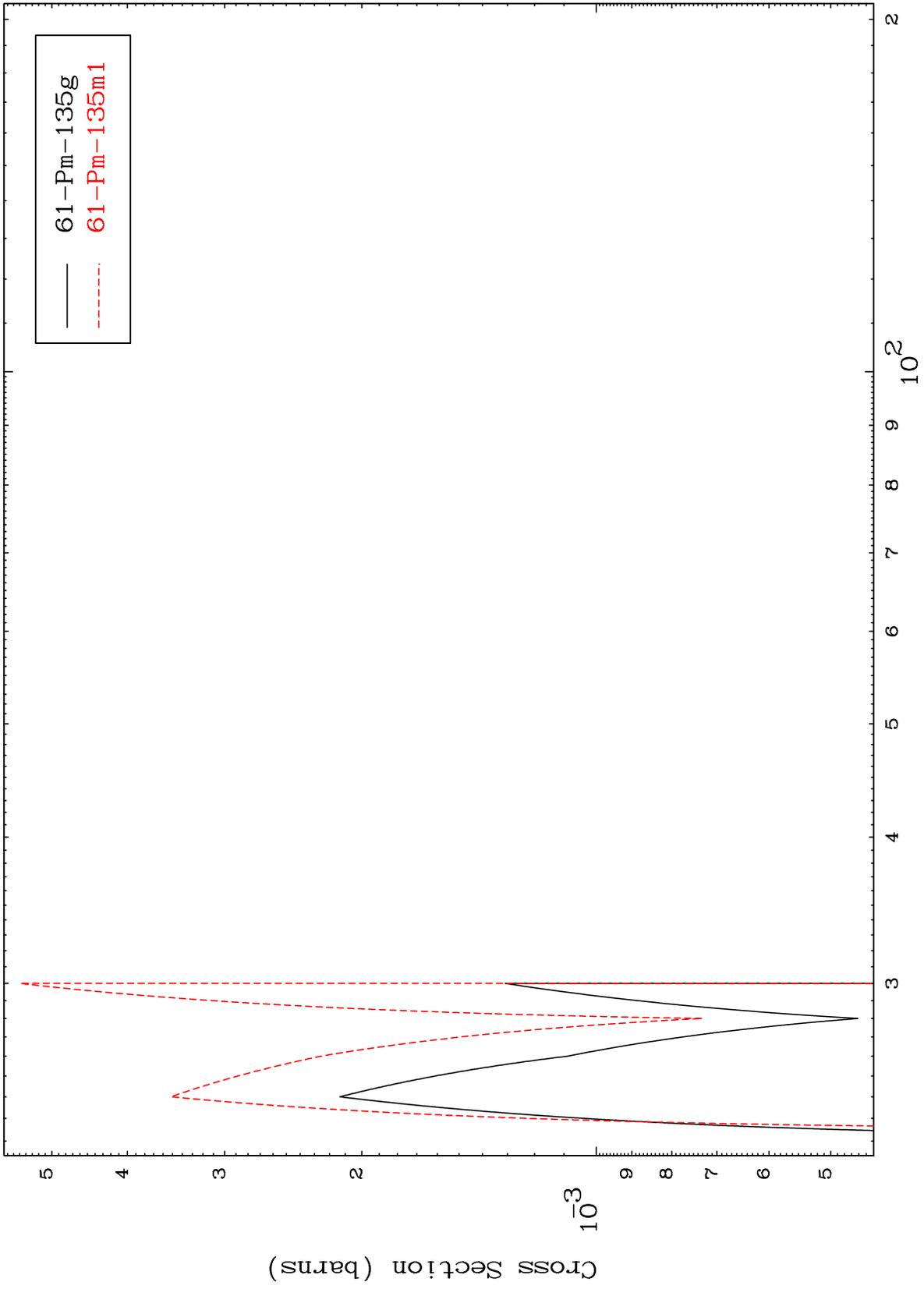
59-Pr-133



MAT 5902

59-Pr-133

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



12

Incident Energy (MeV)

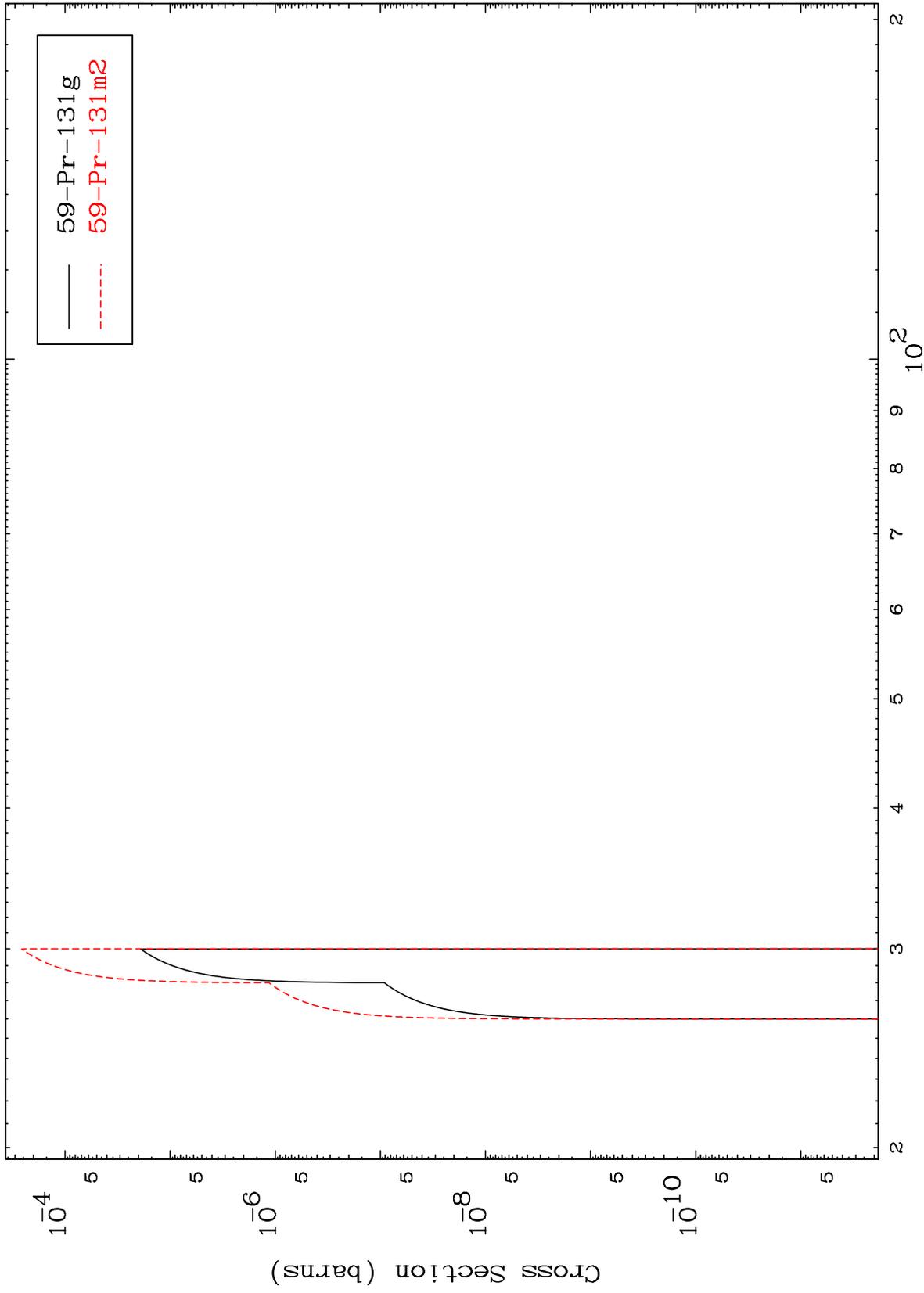
59-Pr-133

MAT 5902

$(\alpha, 2n) \alpha$

59-Pr-133

Radionuclide Production Cross Section



13

Incident Energy (MeV)

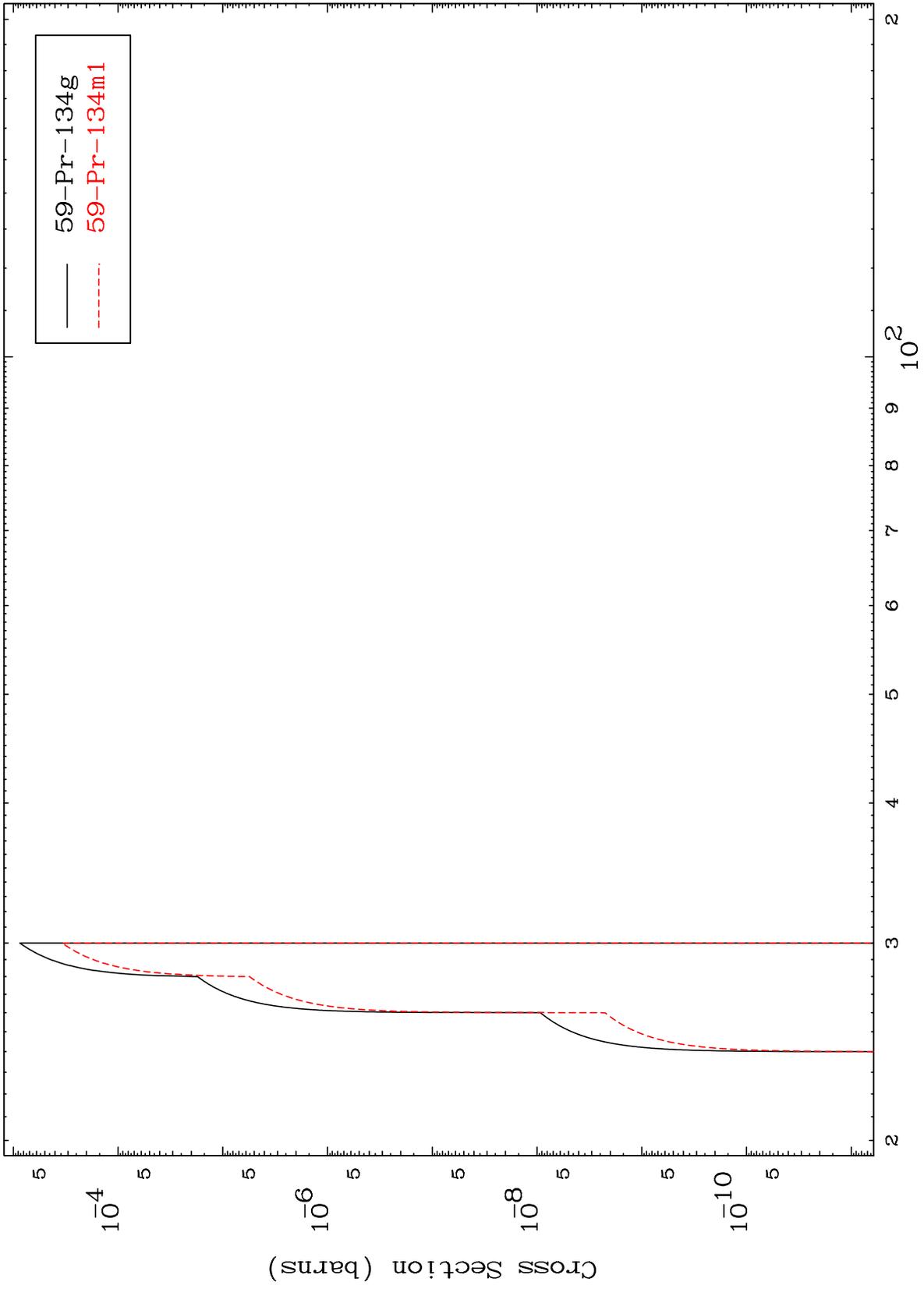
59-Pr-133

MAT 5902

($\alpha, 2n$) p

59-Pr-133

Radionuclide Production Cross Section

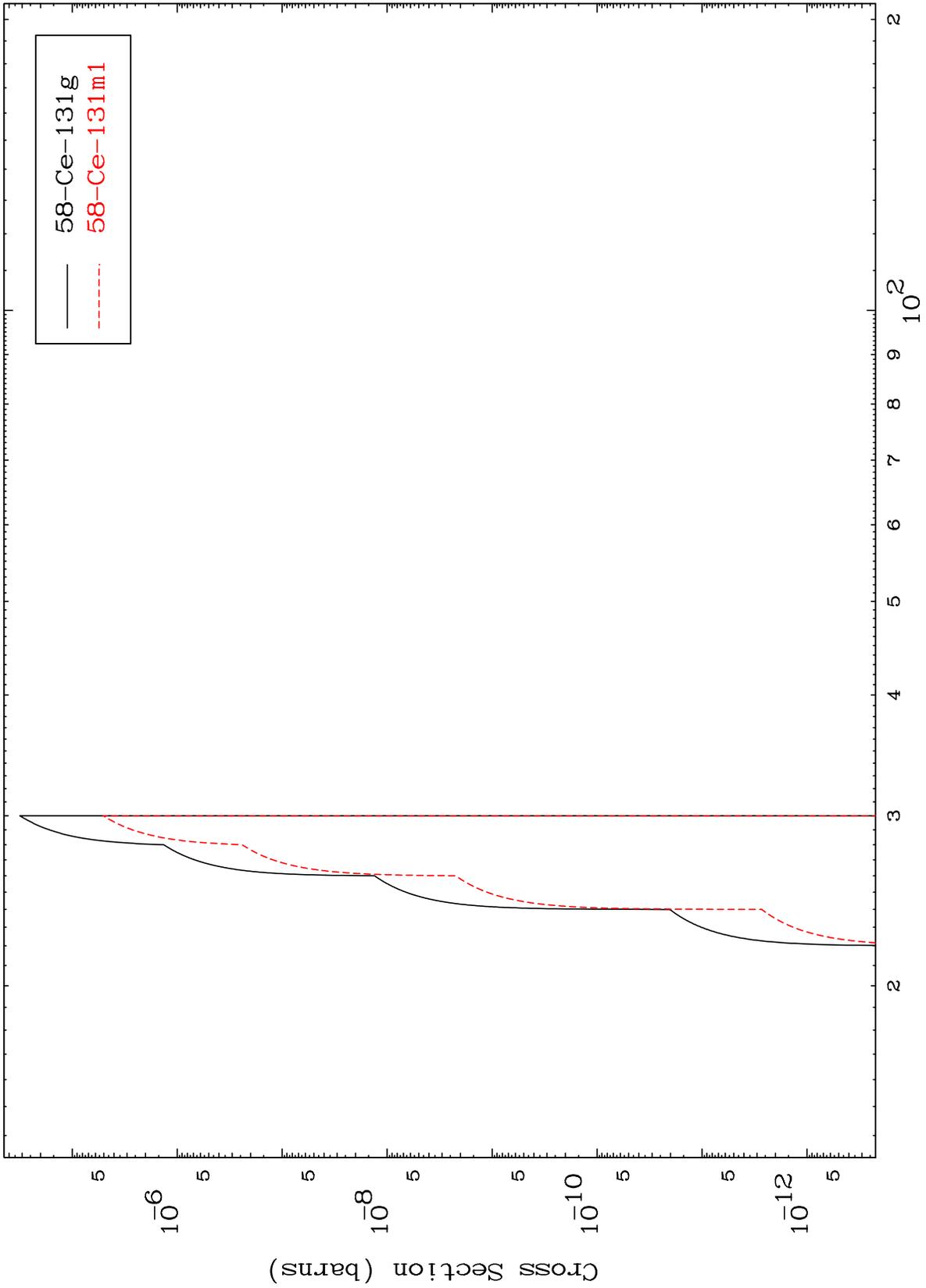


14

Incident Energy (MeV)

59-Pr-133

(α, n') p α
Radionuclide Production Cross Section

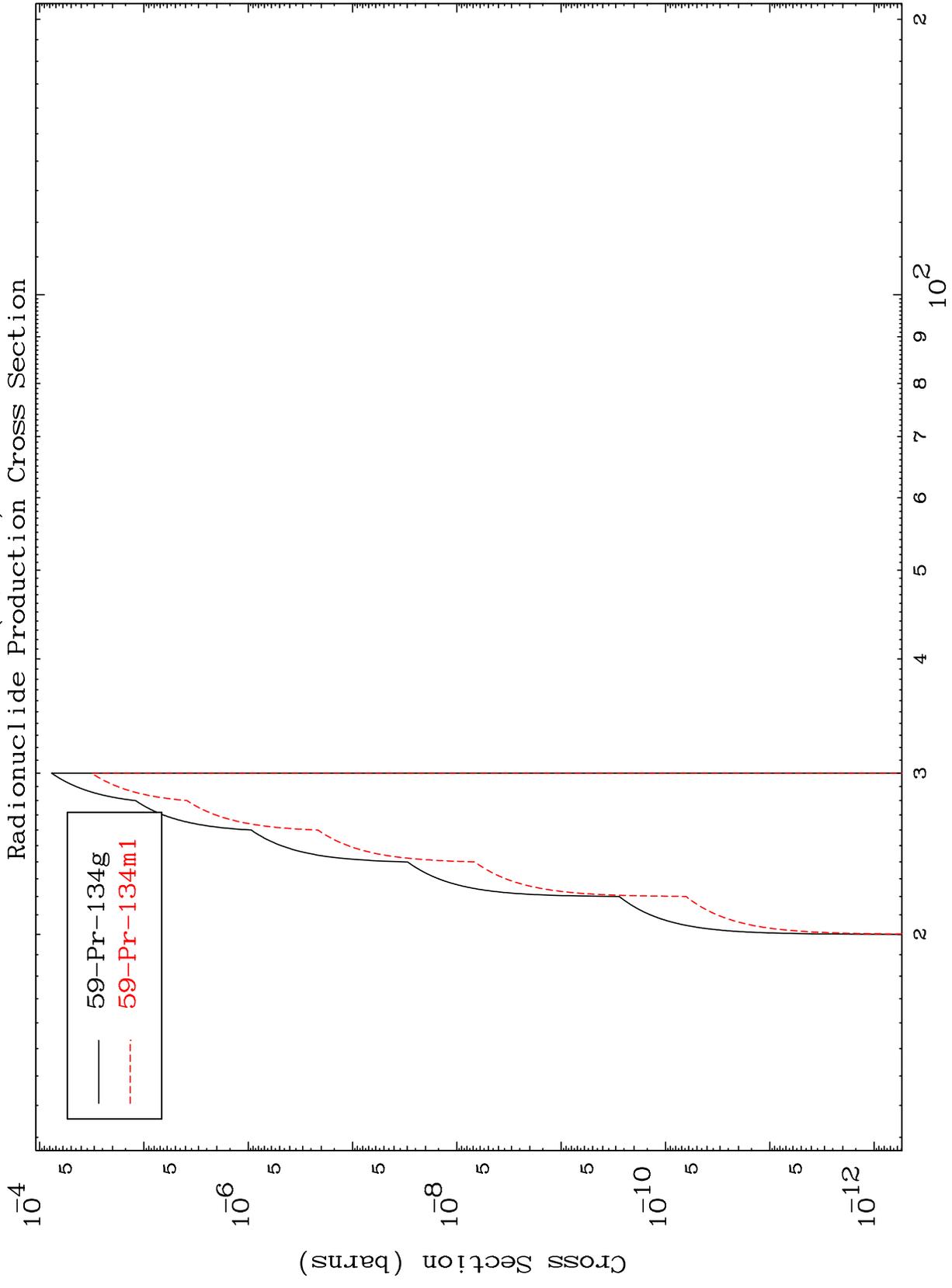


MAT 5902

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

59-Pr-133

Radionuclide Production Cross Section



59-Pr-134g
59-Pr-134m1

16

Incident Energy (MeV)

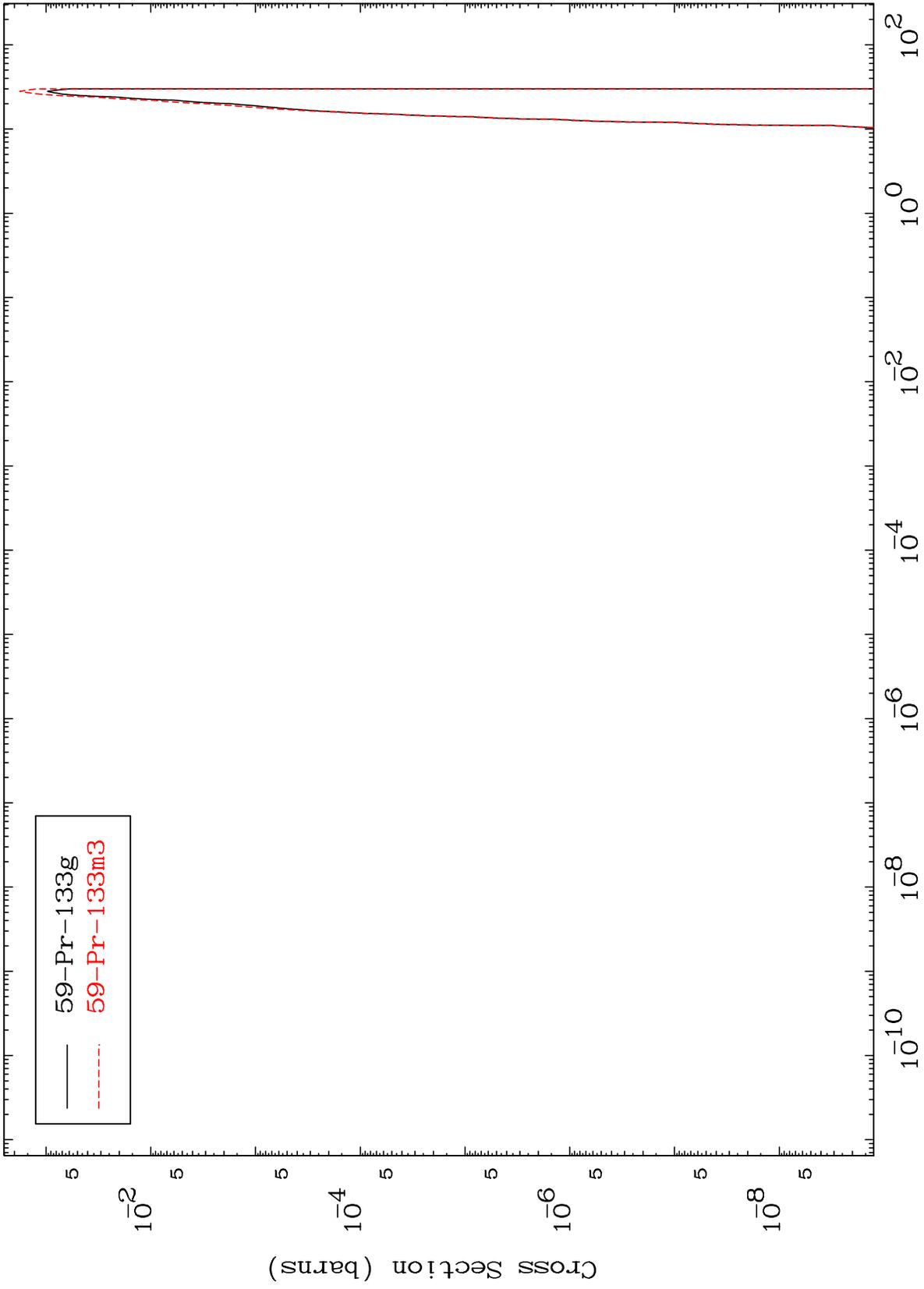
59-Pr-133

MAT 5902

(α, α)

59-Pr-133

Radionuclide Production Cross Section

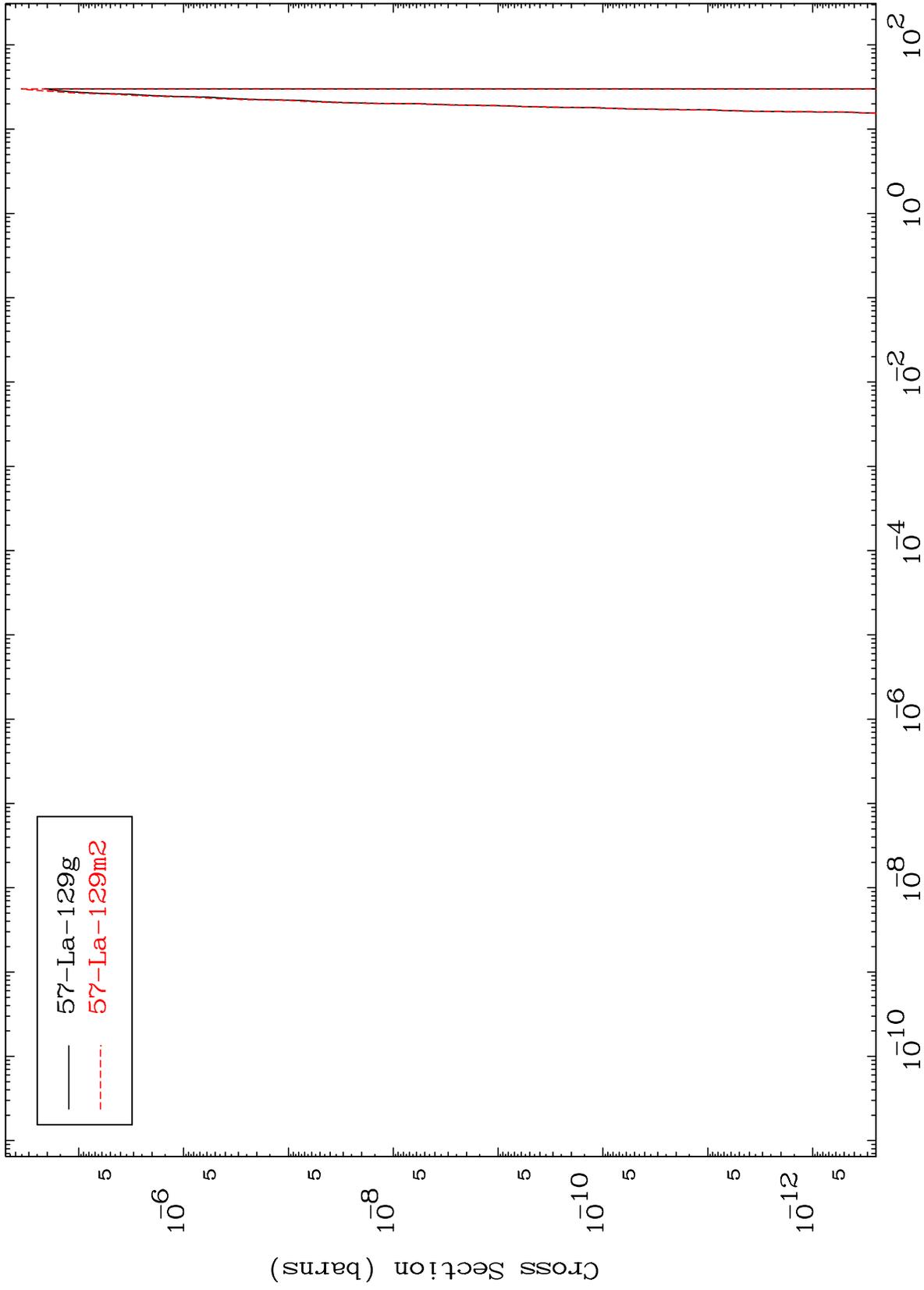


MAT 5902

($\alpha, 2\alpha$)

59-Pr-133

Radionuclide Production Cross Section



18

Incident Energy (MeV)

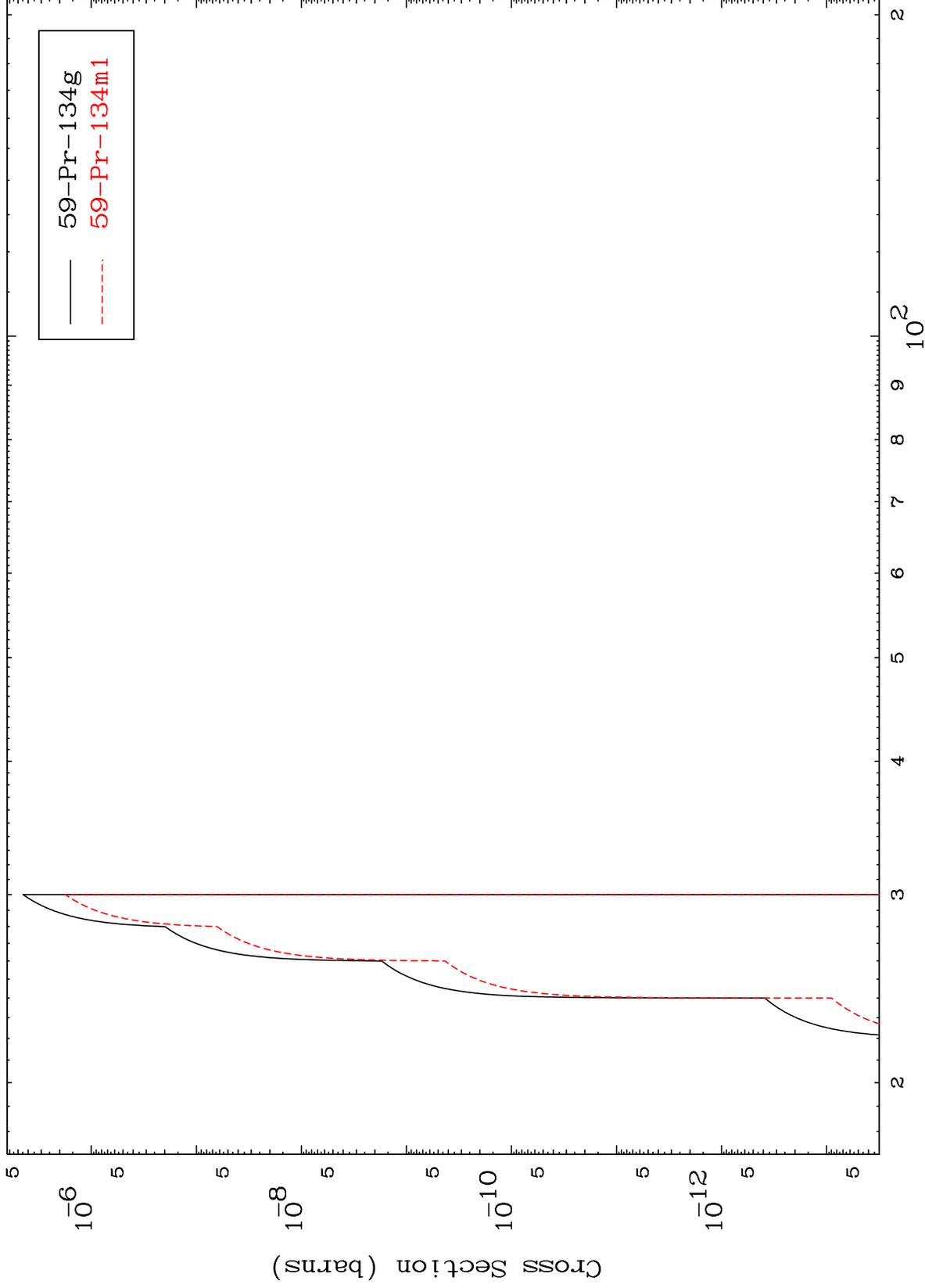
59-Pr-133

MAT 5902

(α, p) d

59-Pr-133

Radionuclide Production Cross Section



19

Incident Energy (MeV)

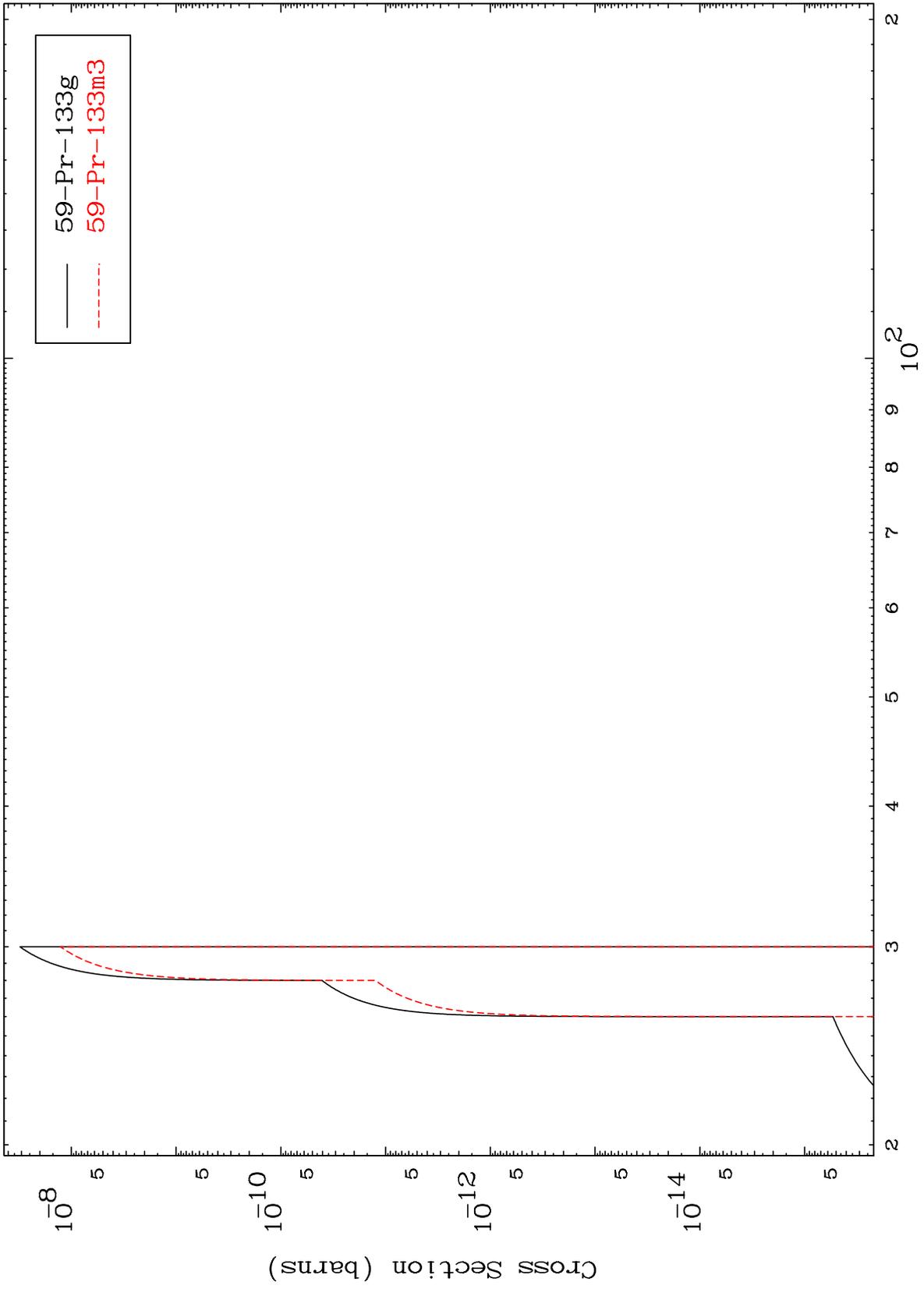
59-Pr-133

MAT 5902

(α, p) t

59-Pr-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-133

Radionuclide Production Cross Section

