

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

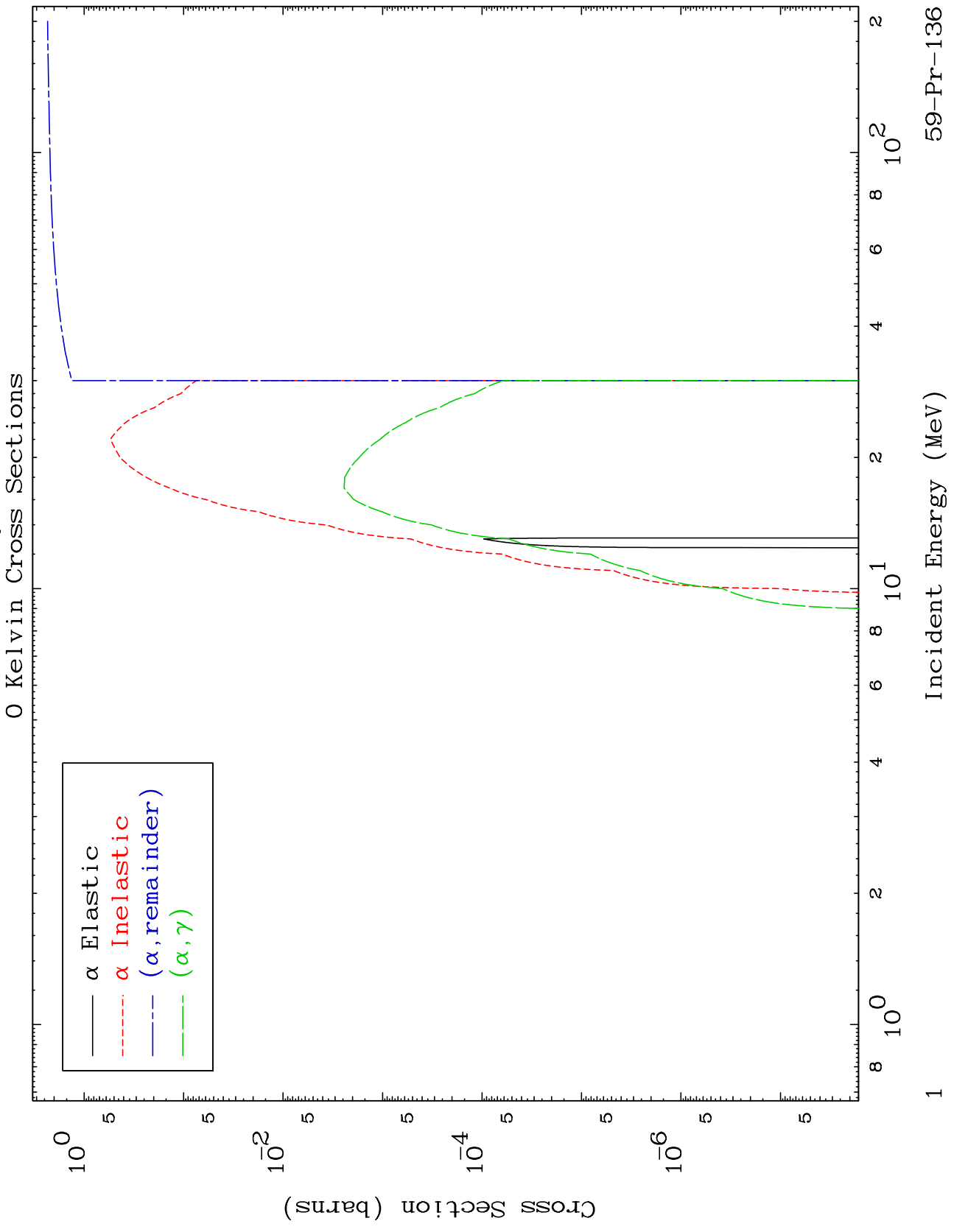
Press Mouse Button to Start

MAT 5910

0 Kelvin

α Major

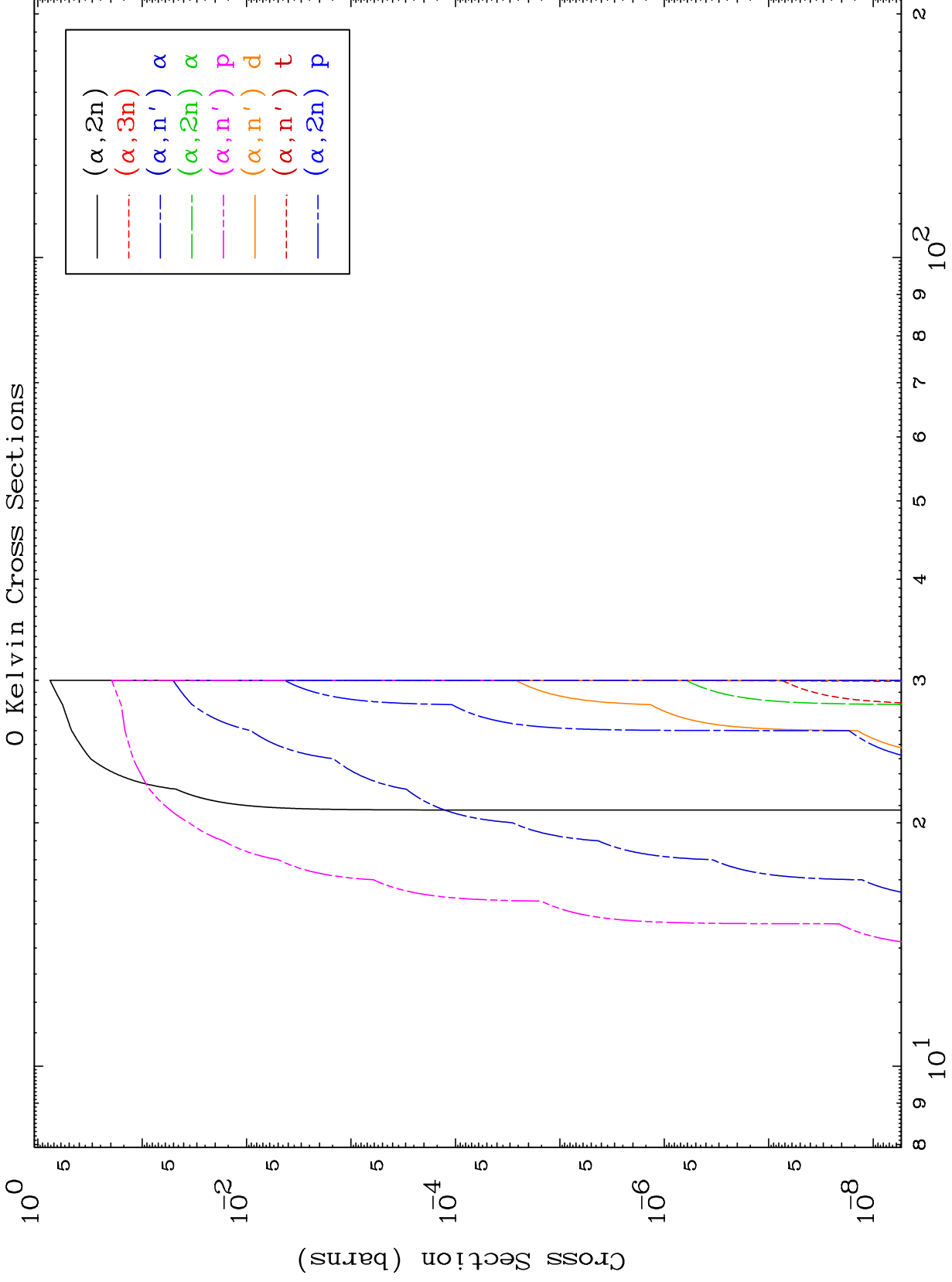
59-Pr-136

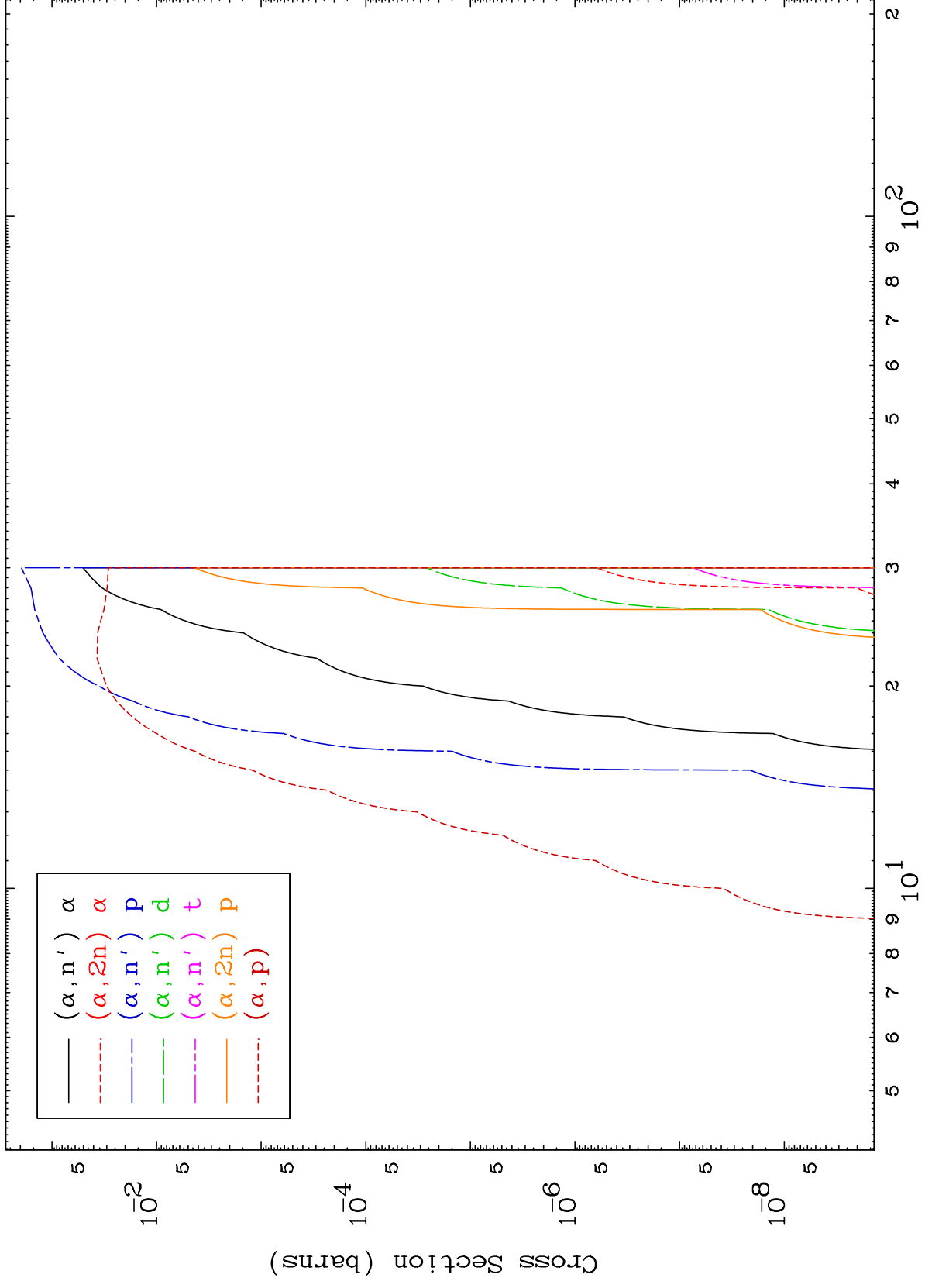


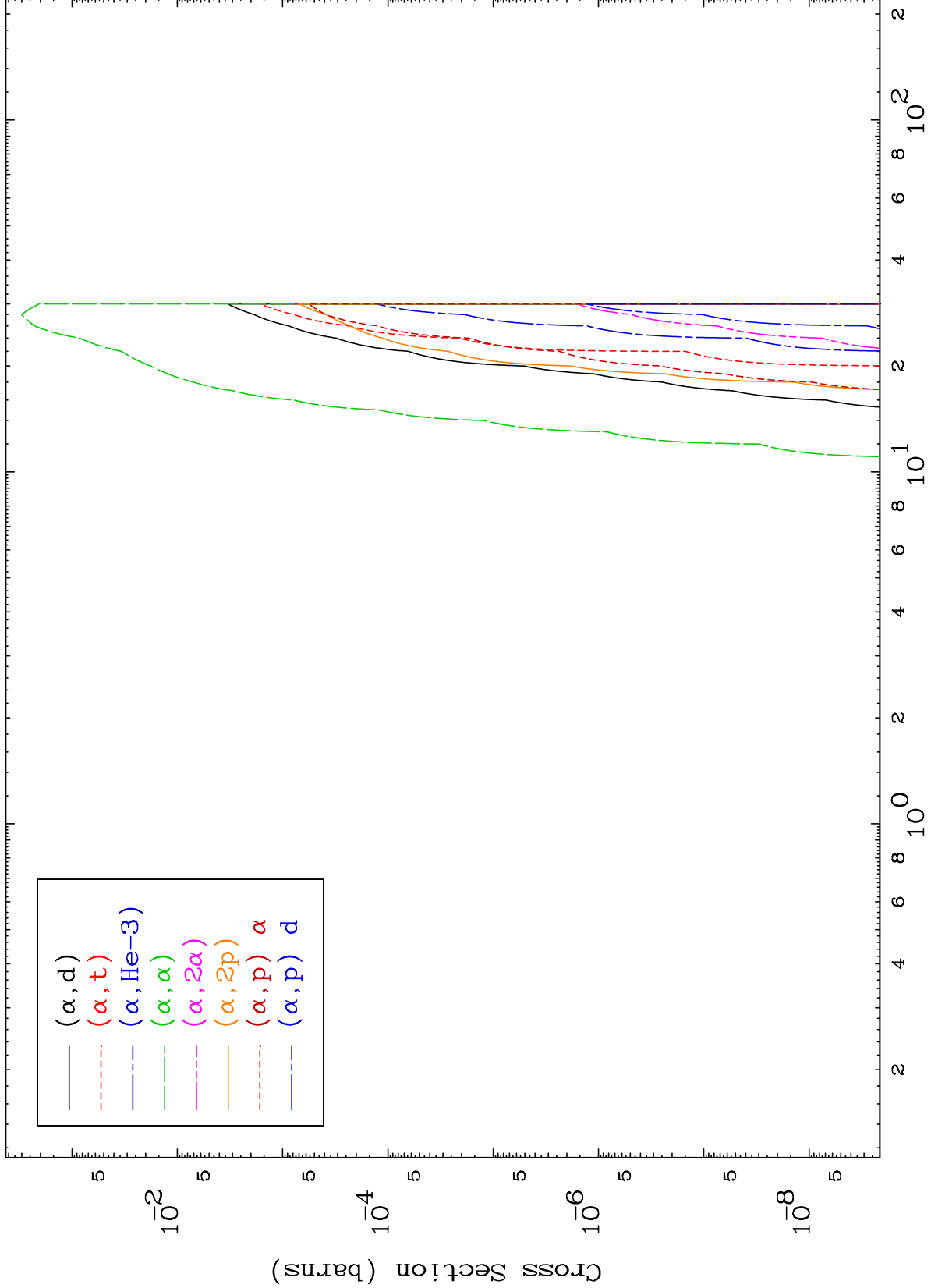
59-Pr-136

Incident Energy (MeV)

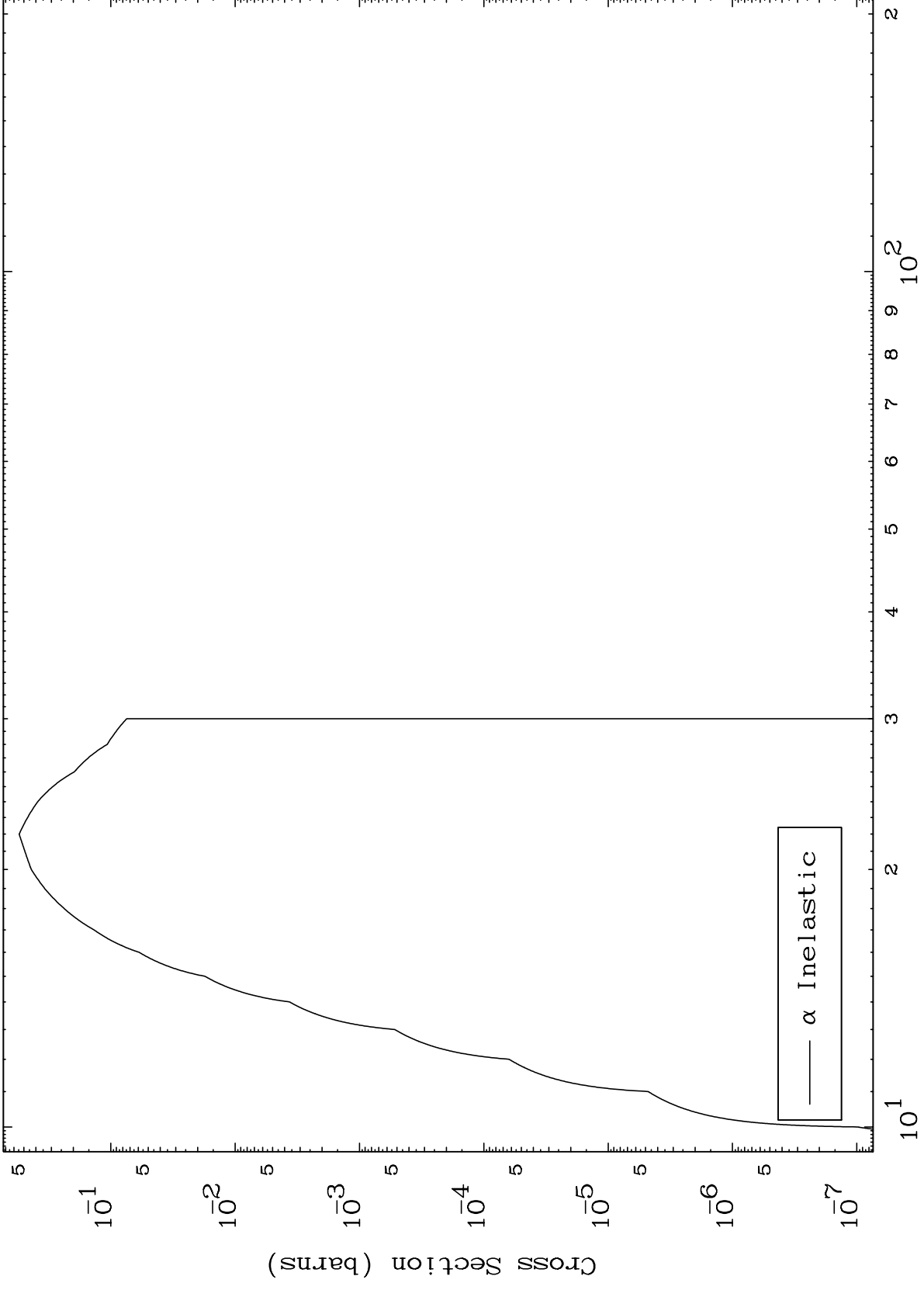
1





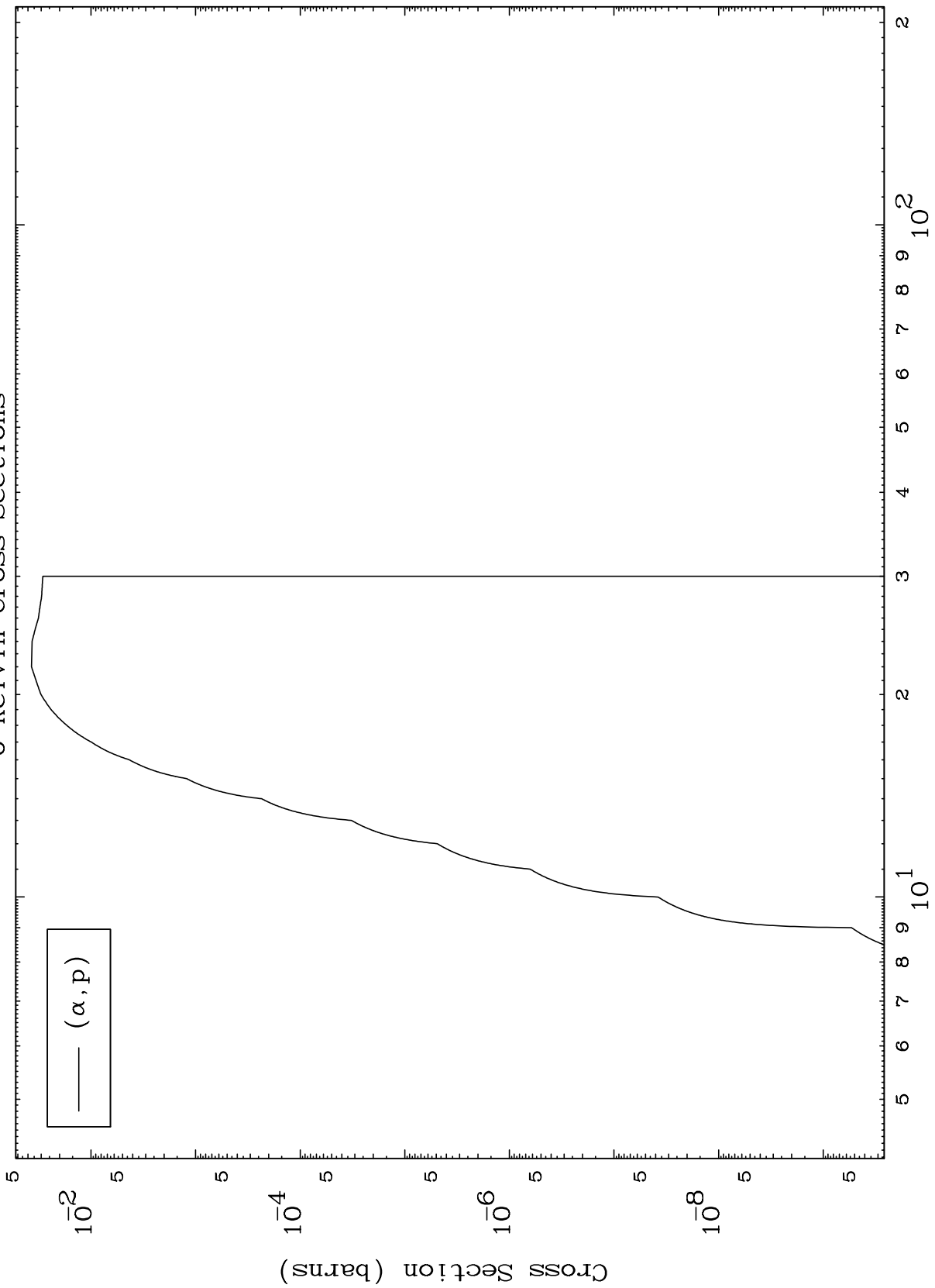


0 Kelvin Cross Sections



— α Inelastic

(α, p) Levels
0 Kelvin Cross Sections

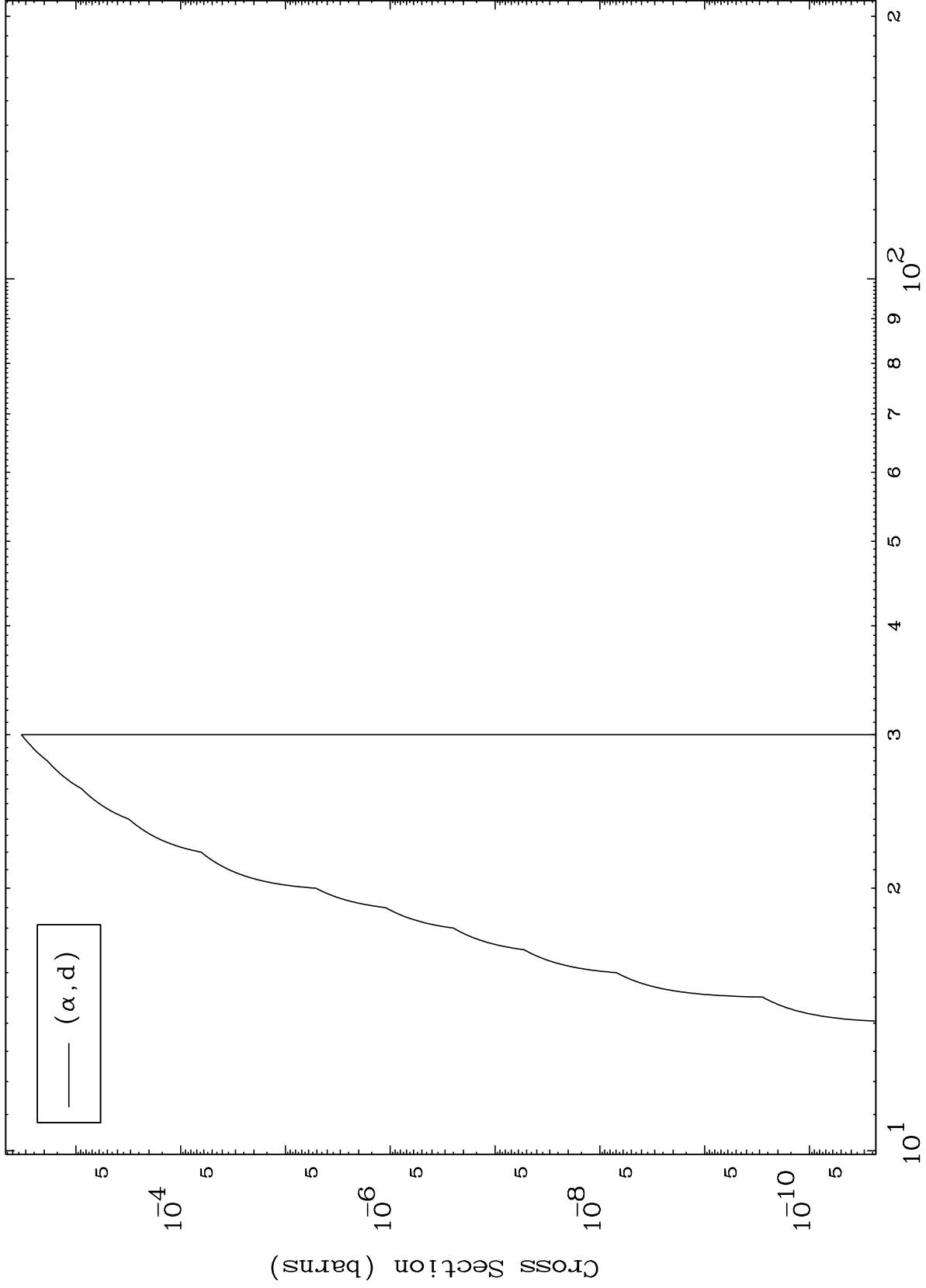


MAT 5910

(α, d) Levels

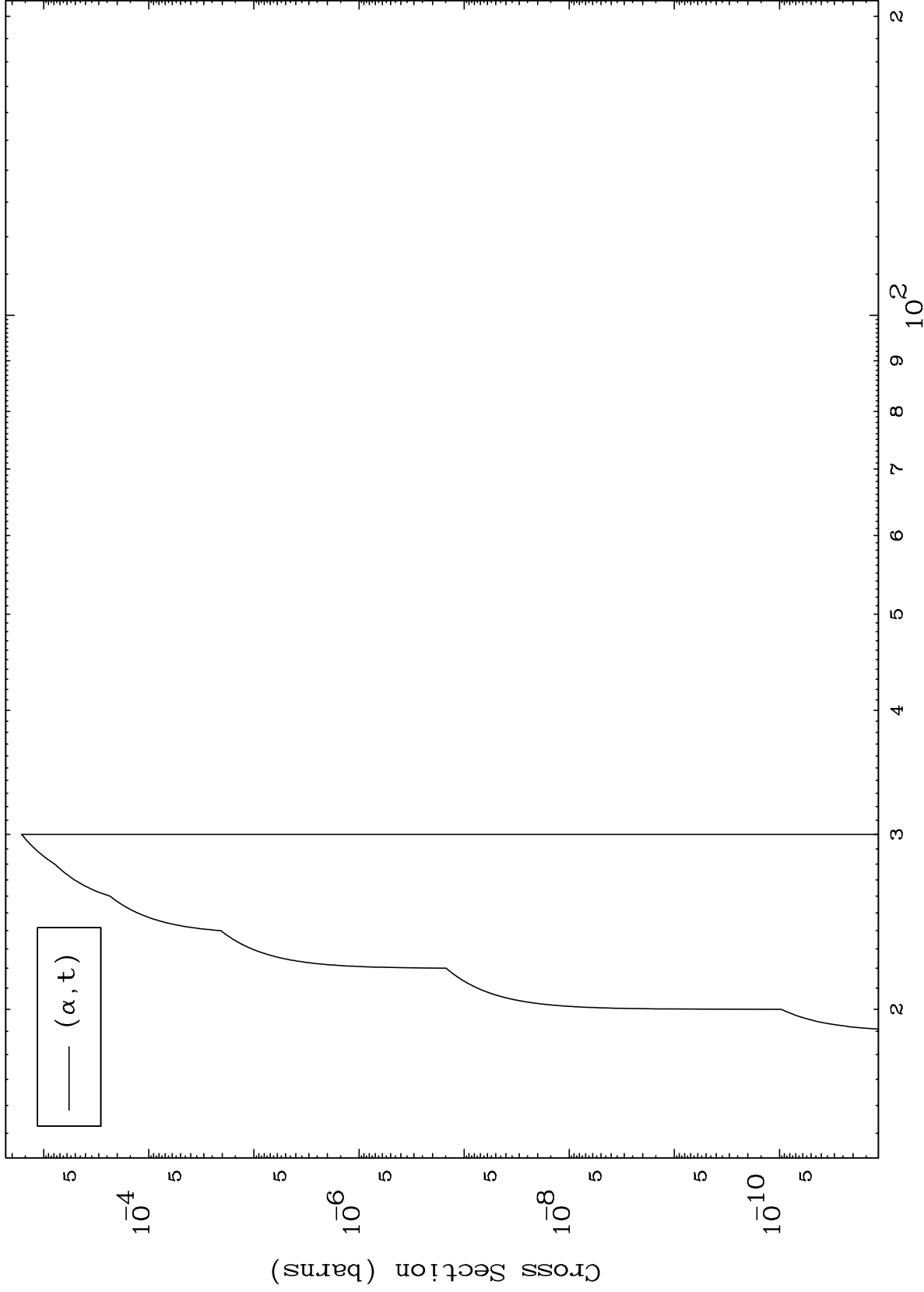
59-Pr-136

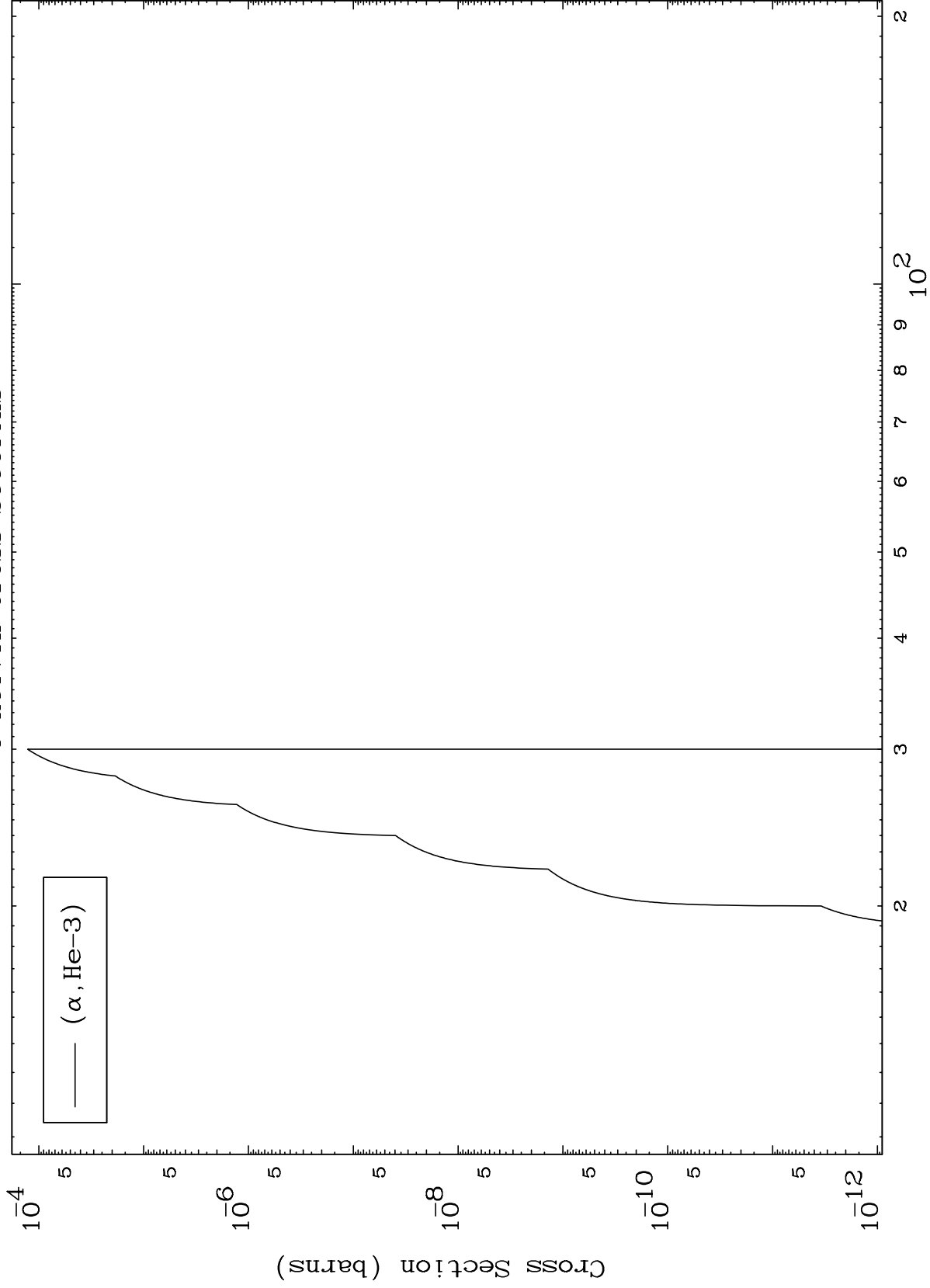
0 Kelvin Cross Sections



Incident Energy (MeV)

59-Pr-136



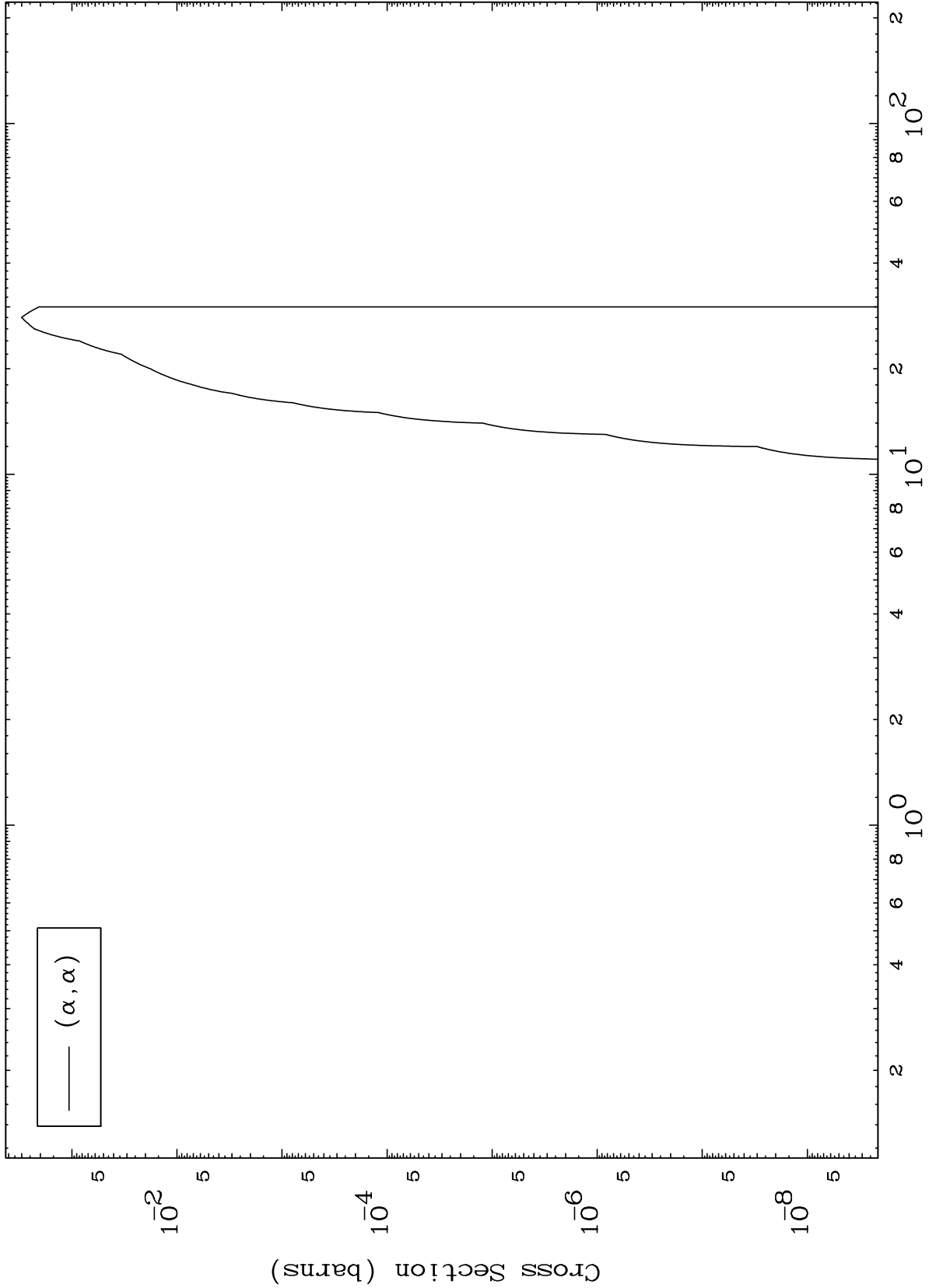


MAT 5910

(α, α) Levels

59-Pr-136

0 Kelvin Cross Sections



(α, α)

10

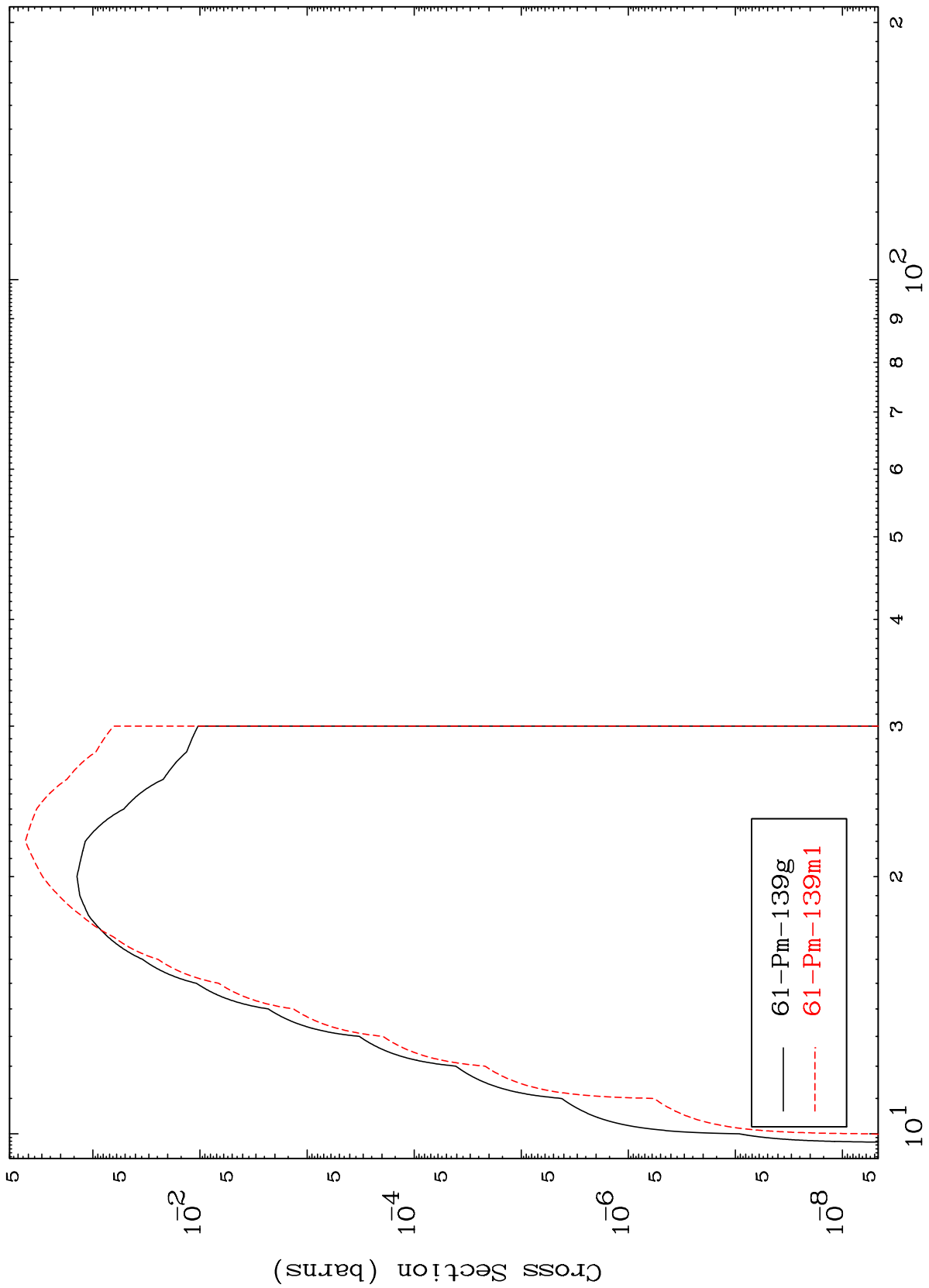
Incident Energy (MeV)

59-Pr-136

MAT 5910

59-Pr-136

Radionuclide Production Cross Section



59-Pr-136

Incident Energy (MeV)

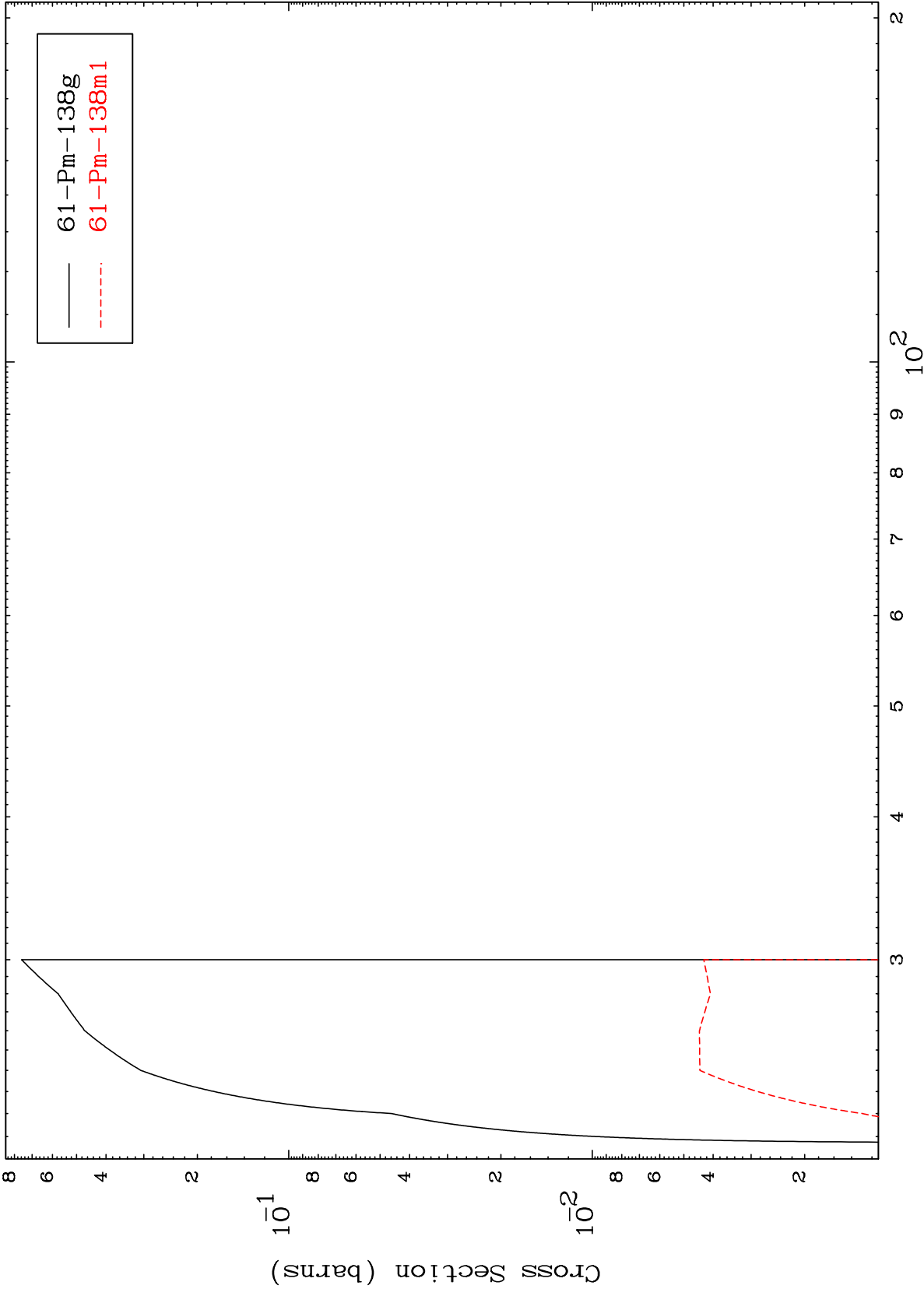
11

MAT 5910

($\alpha, 2n$)

59-Pr-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

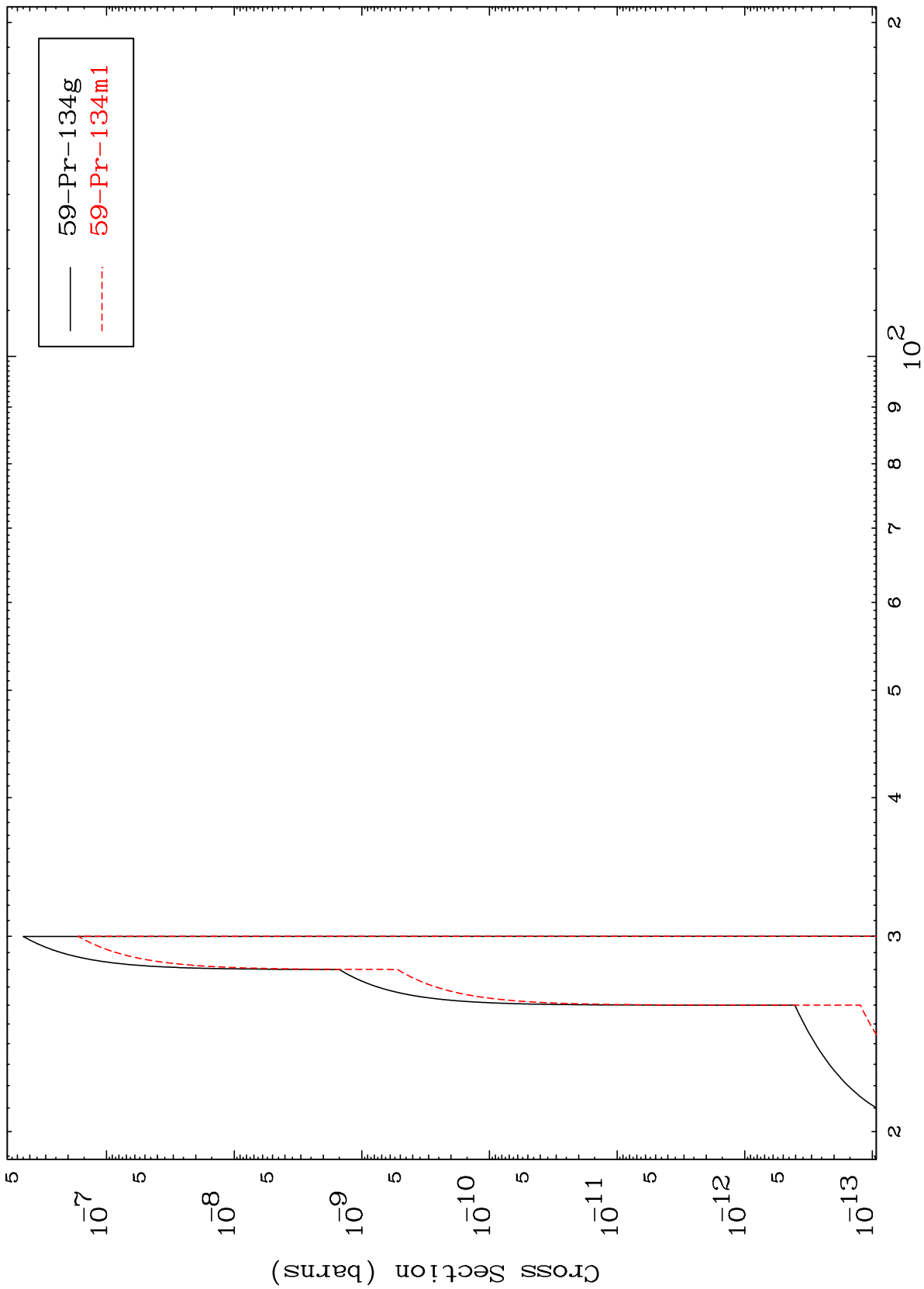
59-Pr-136

MAT 5910

$(\alpha, 2n) \alpha$

59-Pr-136

Radionuclide Production Cross Section

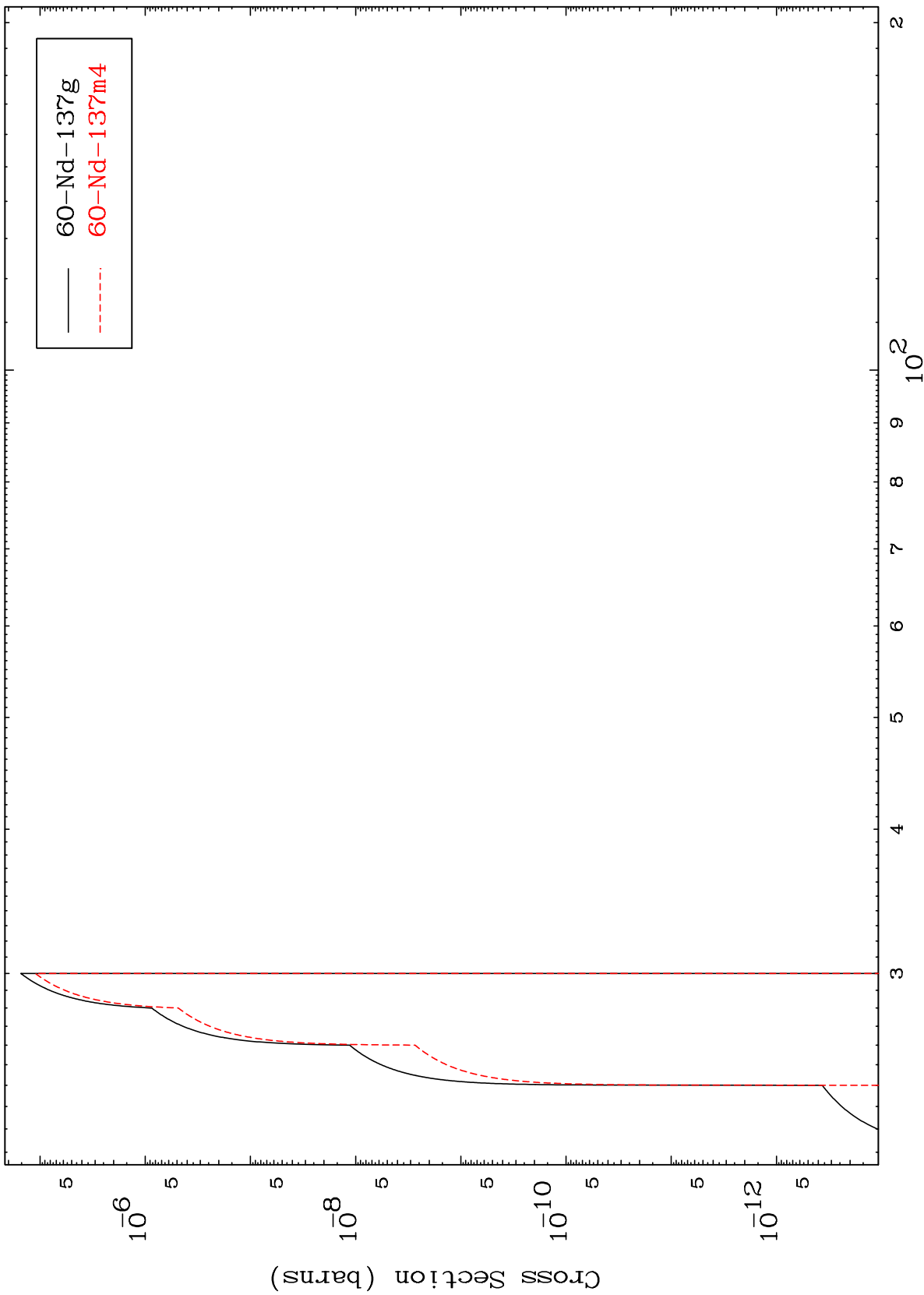


13

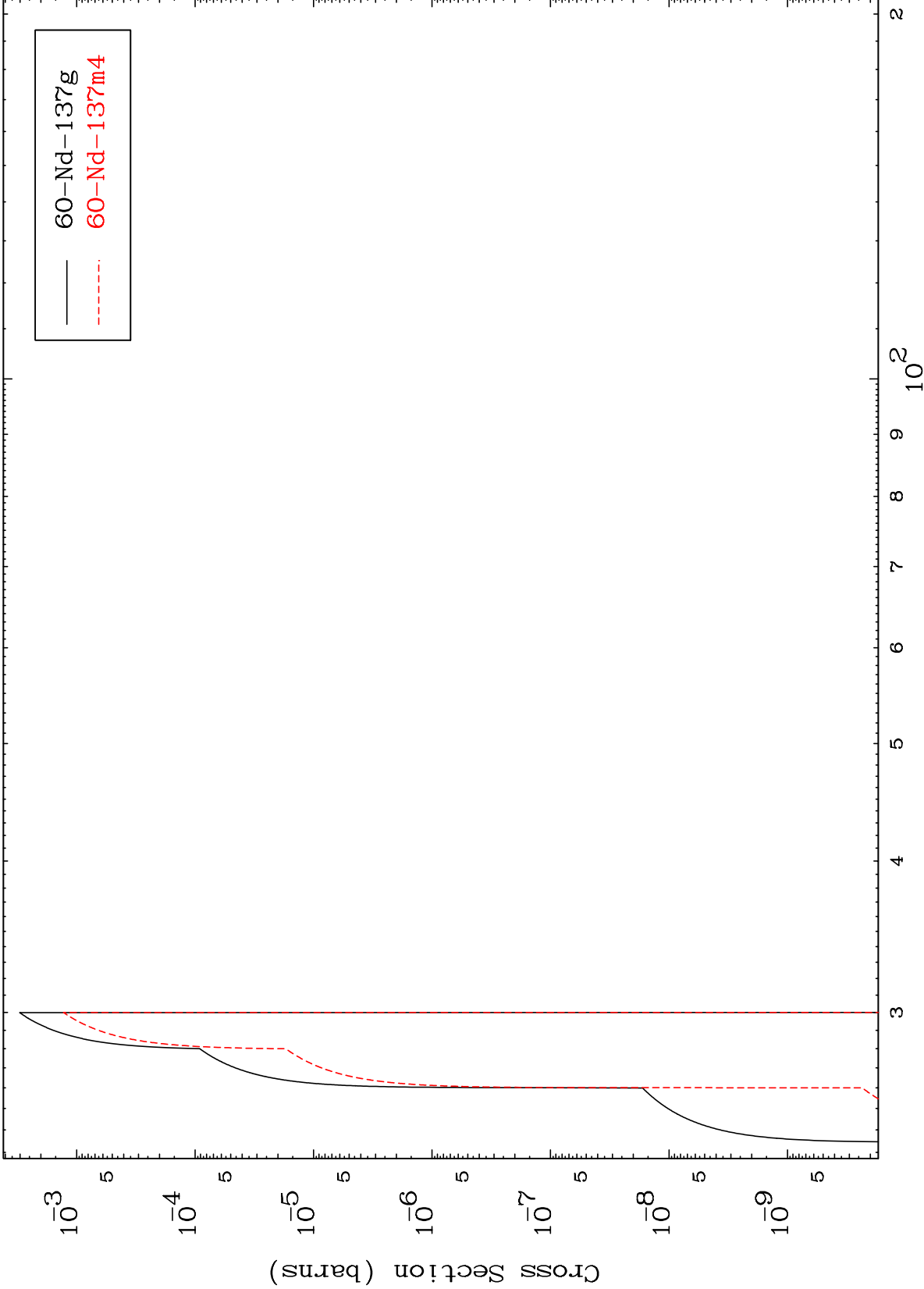
Incident Energy (MeV)

59-Pr-136

Radionuclide Production Cross Section



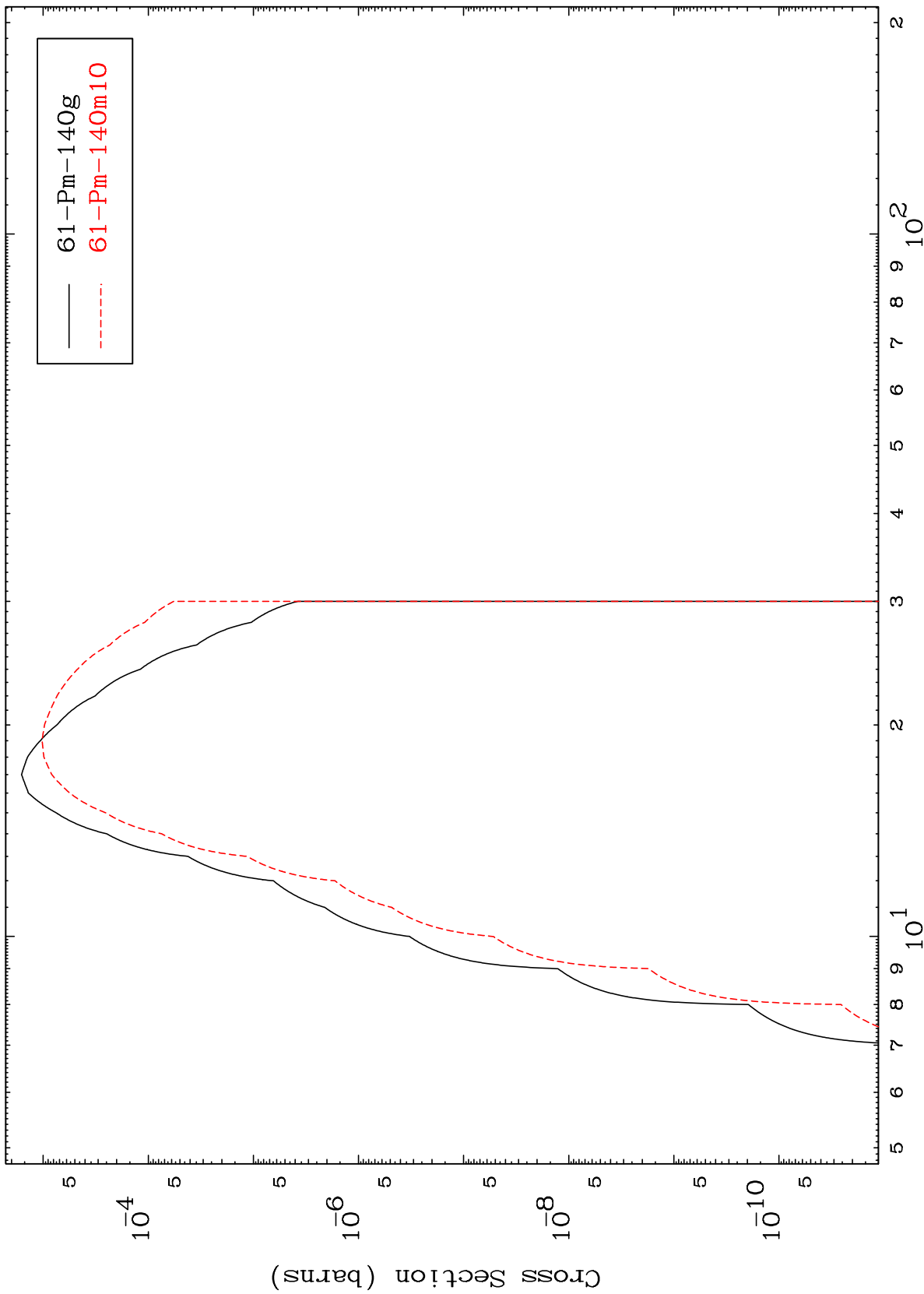
Radionuclide Production Cross Section



MAT 5910

59-Pr-136

(α, γ)
Radionuclide Production Cross Section



59-Pr-136

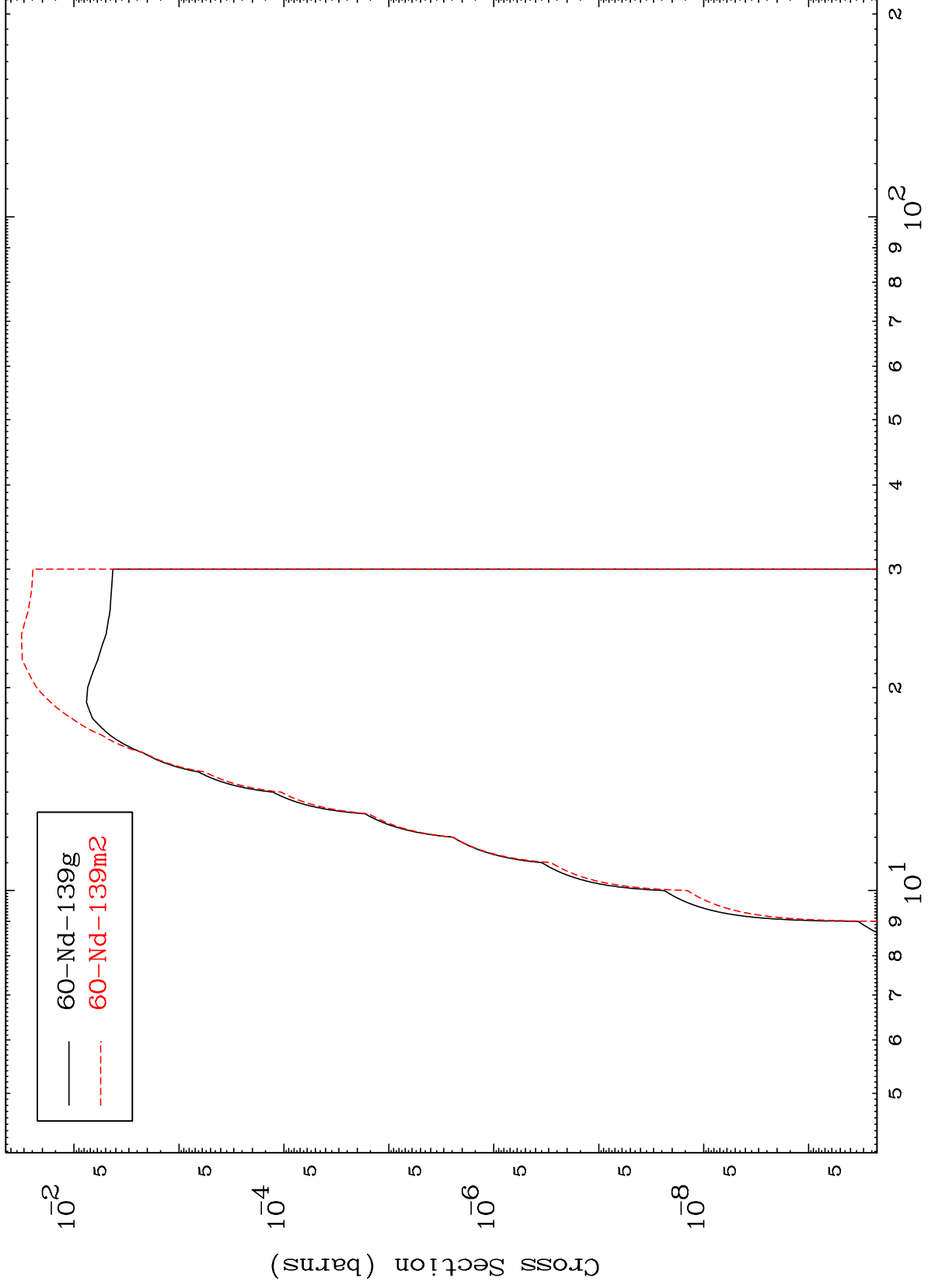
Incident Energy (MeV)

16

MAT 5910

59-Pr-136

(α, p)
Radionuclide Production Cross Section

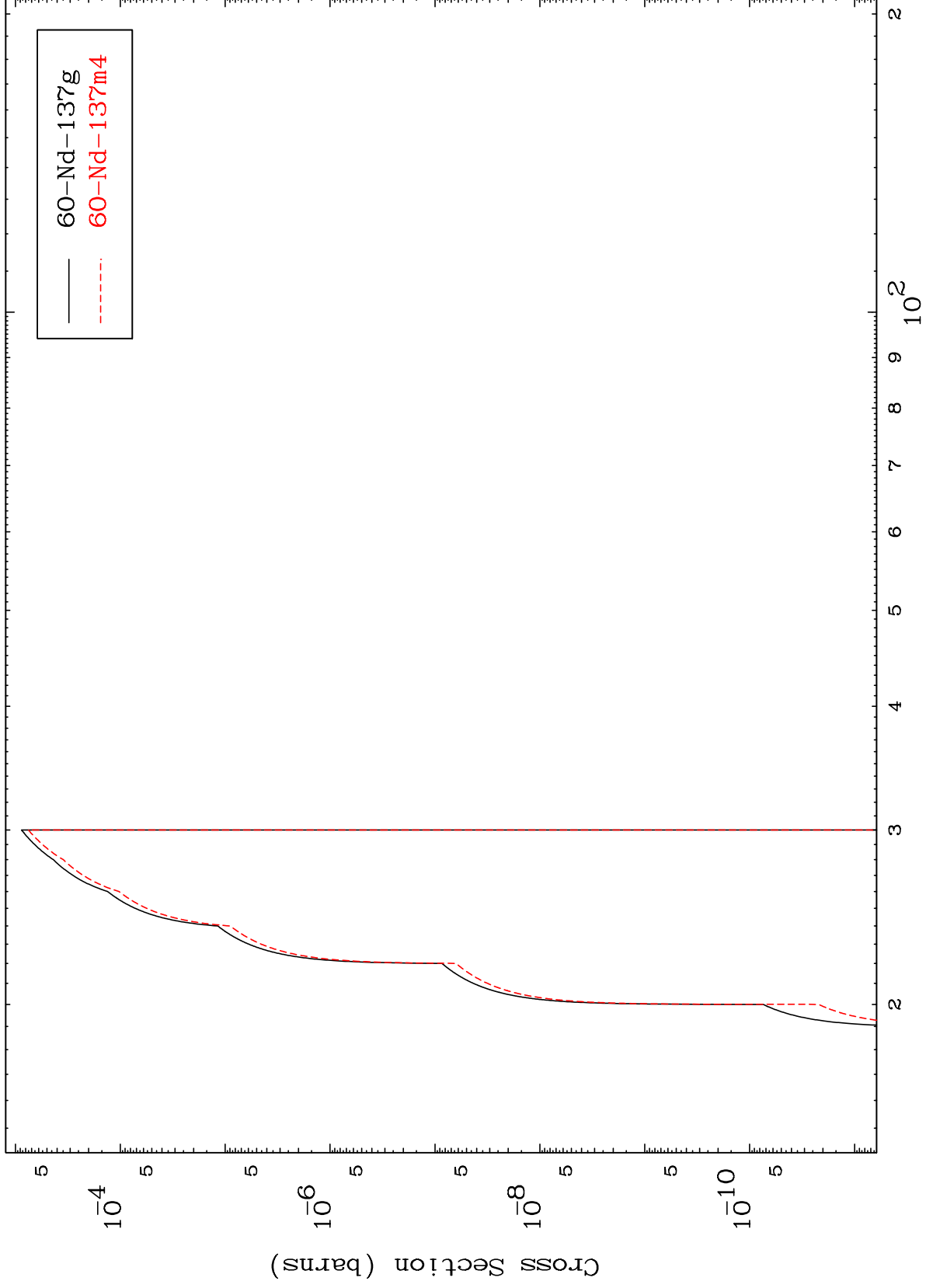


17

Incident Energy (MeV)

59-Pr-136

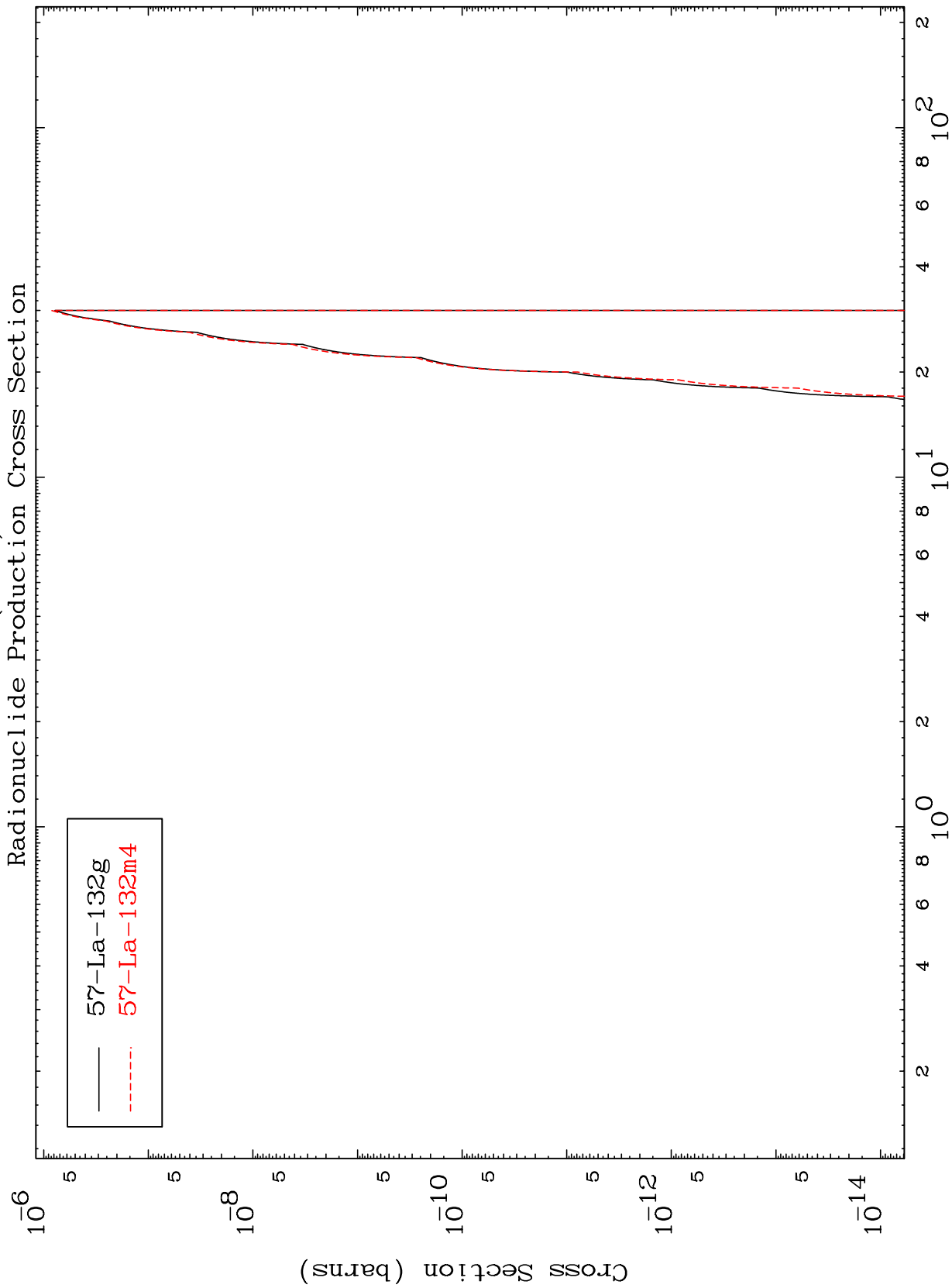
(α, t)
Radionuclide Production Cross Section



MAT 5910

59-Pr-136

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



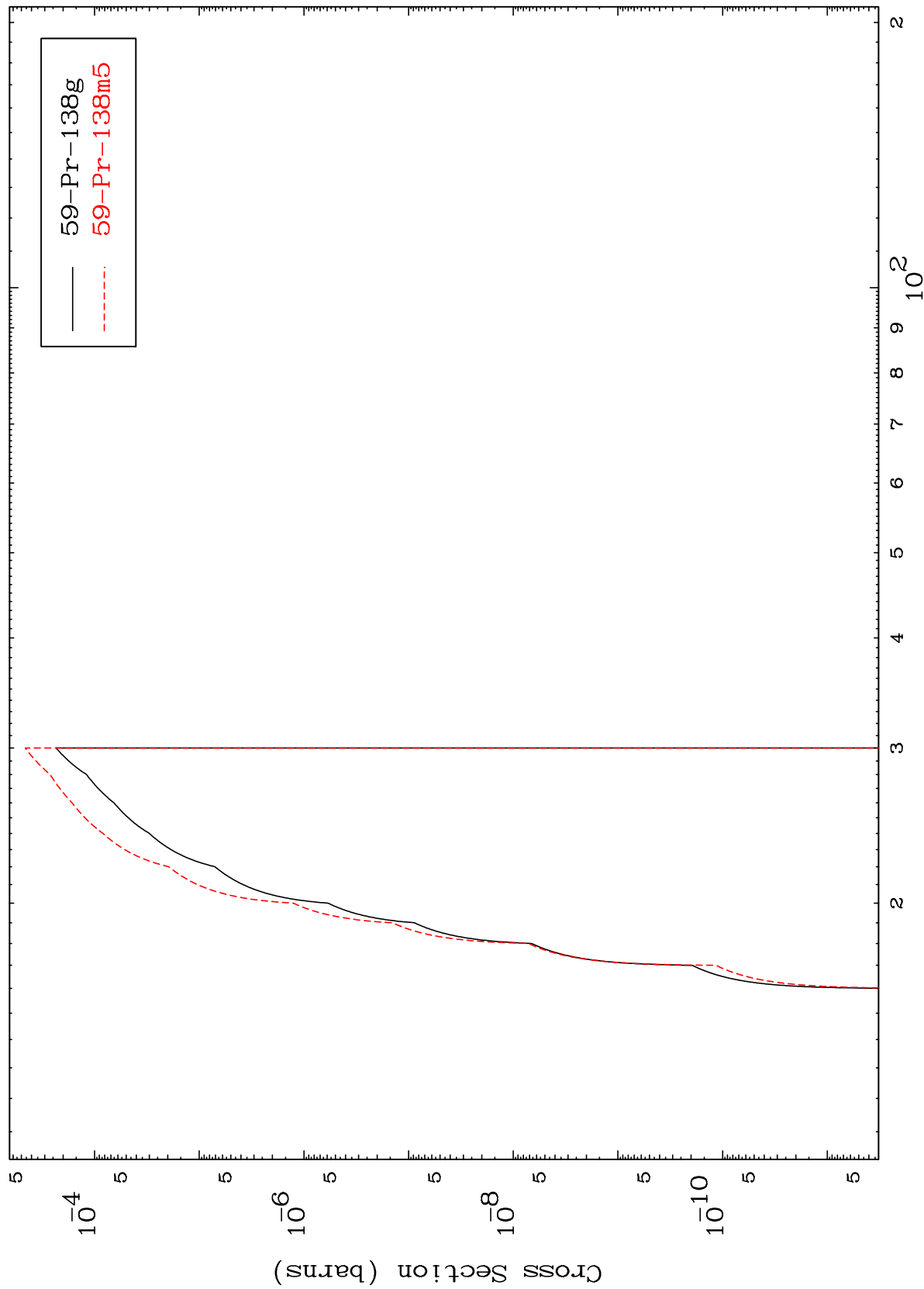
19

59-Pr-136

MAT 5910

59-Pr-136

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



59-Pr-136

Incident Energy (MeV)

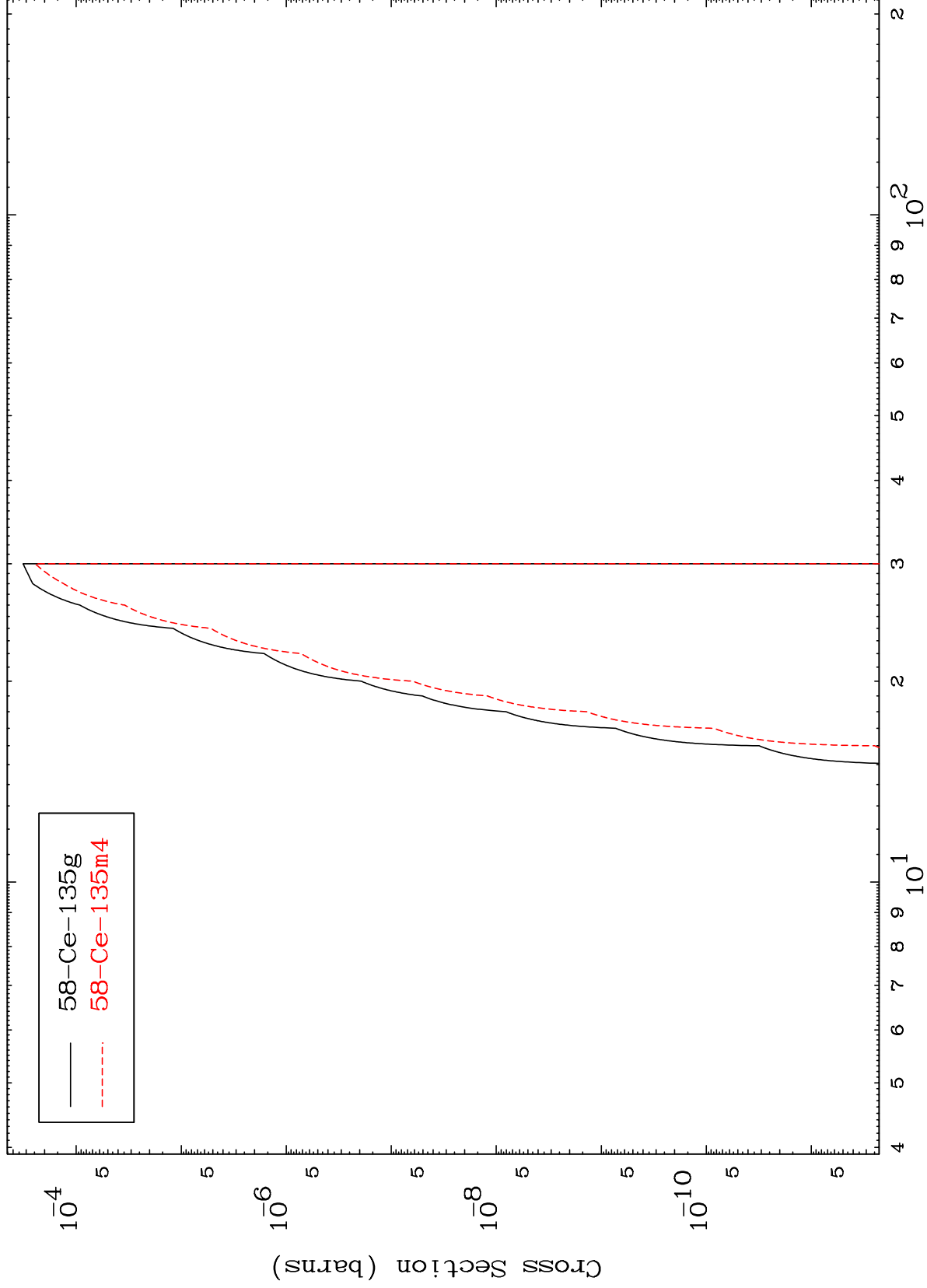
20

MAT 5910

(α, p) α

59-Pr-136

Radionuclide Production Cross Section



21

Incident Energy (MeV)

59-Pr-136