

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

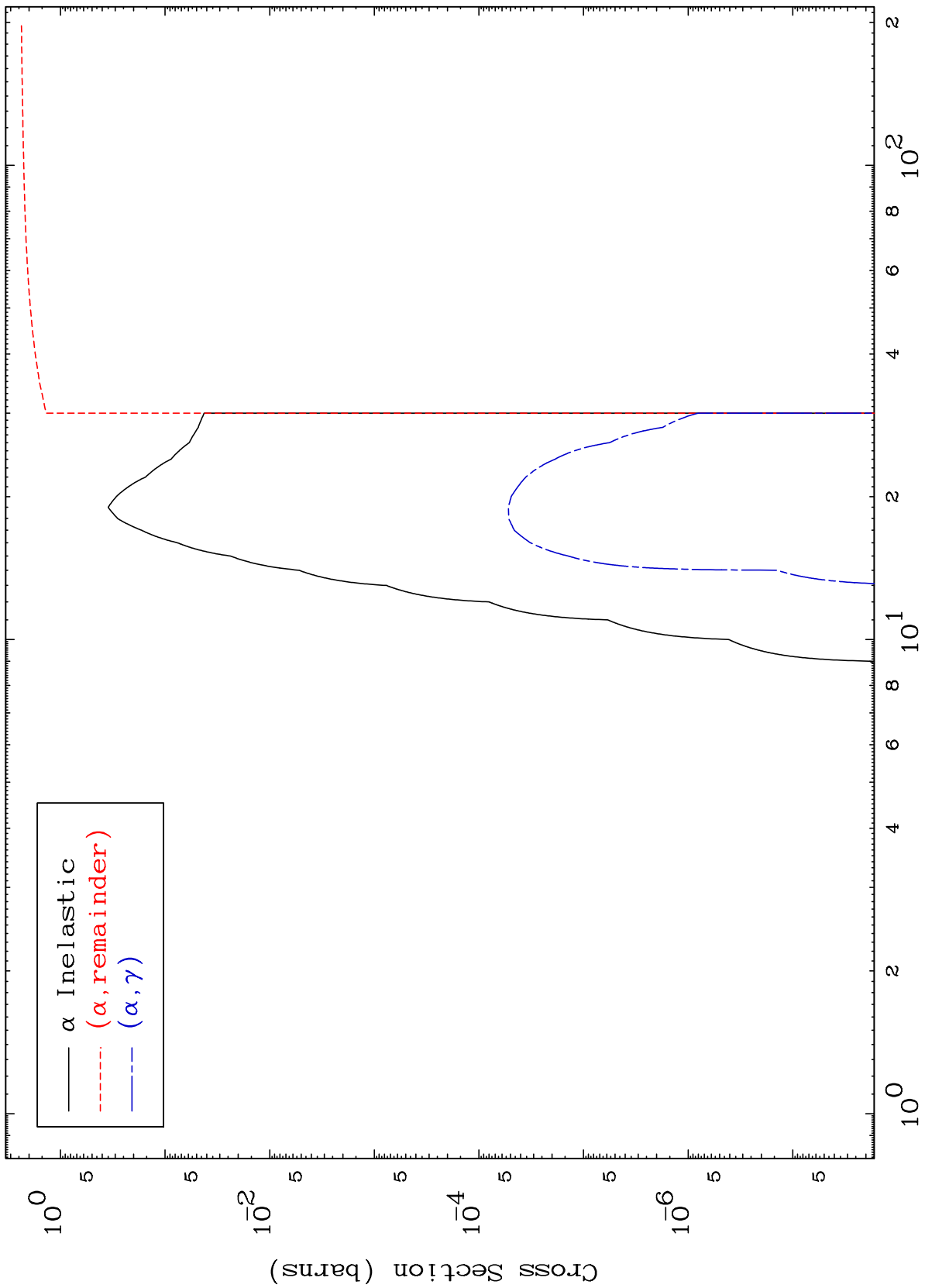
Press Mouse Button to Start

MAT 5922

α Major

59-Pr-140

0 Kelvin Cross Sections



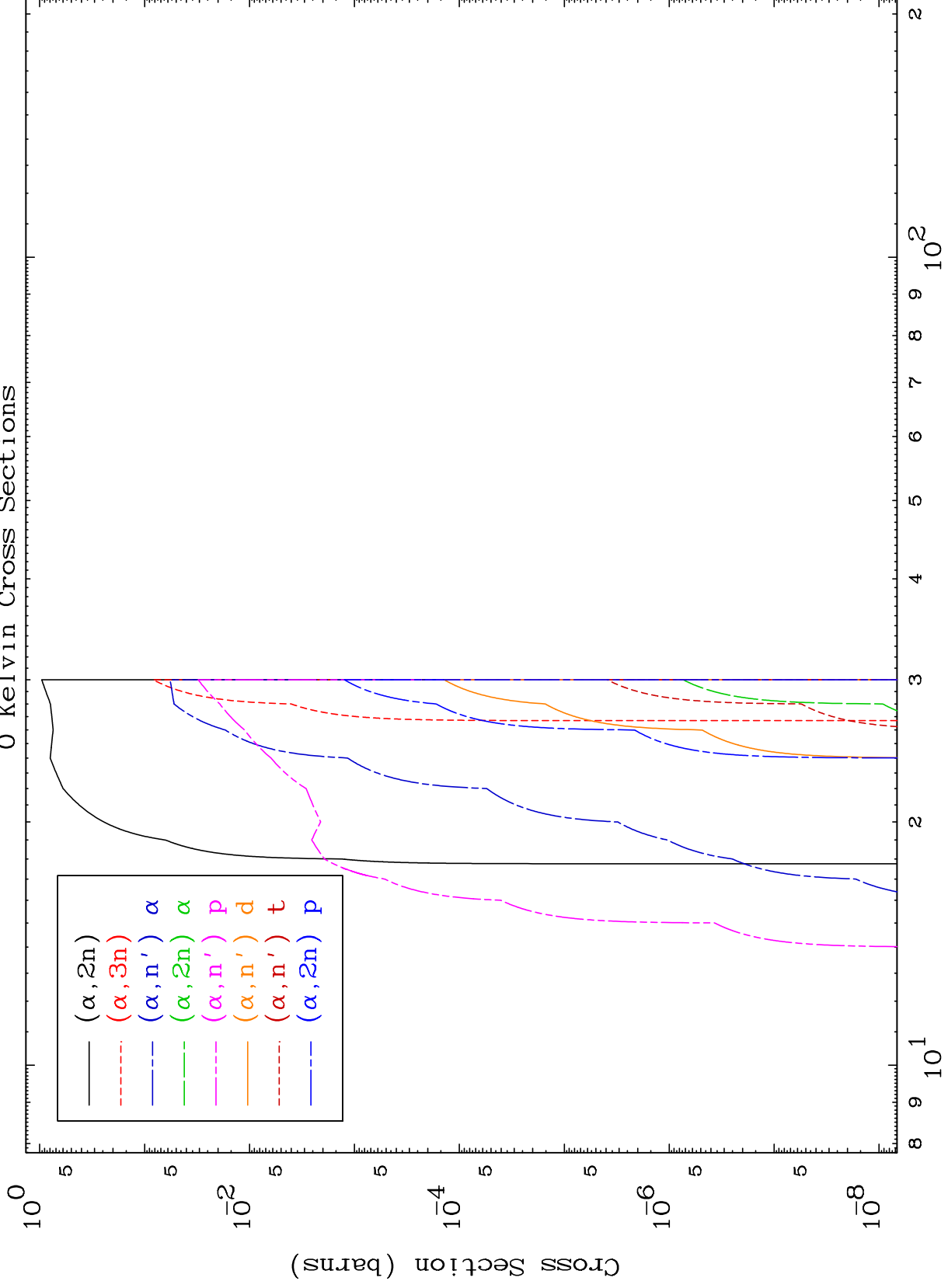
Incident Energy (MeV)

59-Pr-140

MAT 5922

α Neutron Production
0 Kelvin Cross Sections

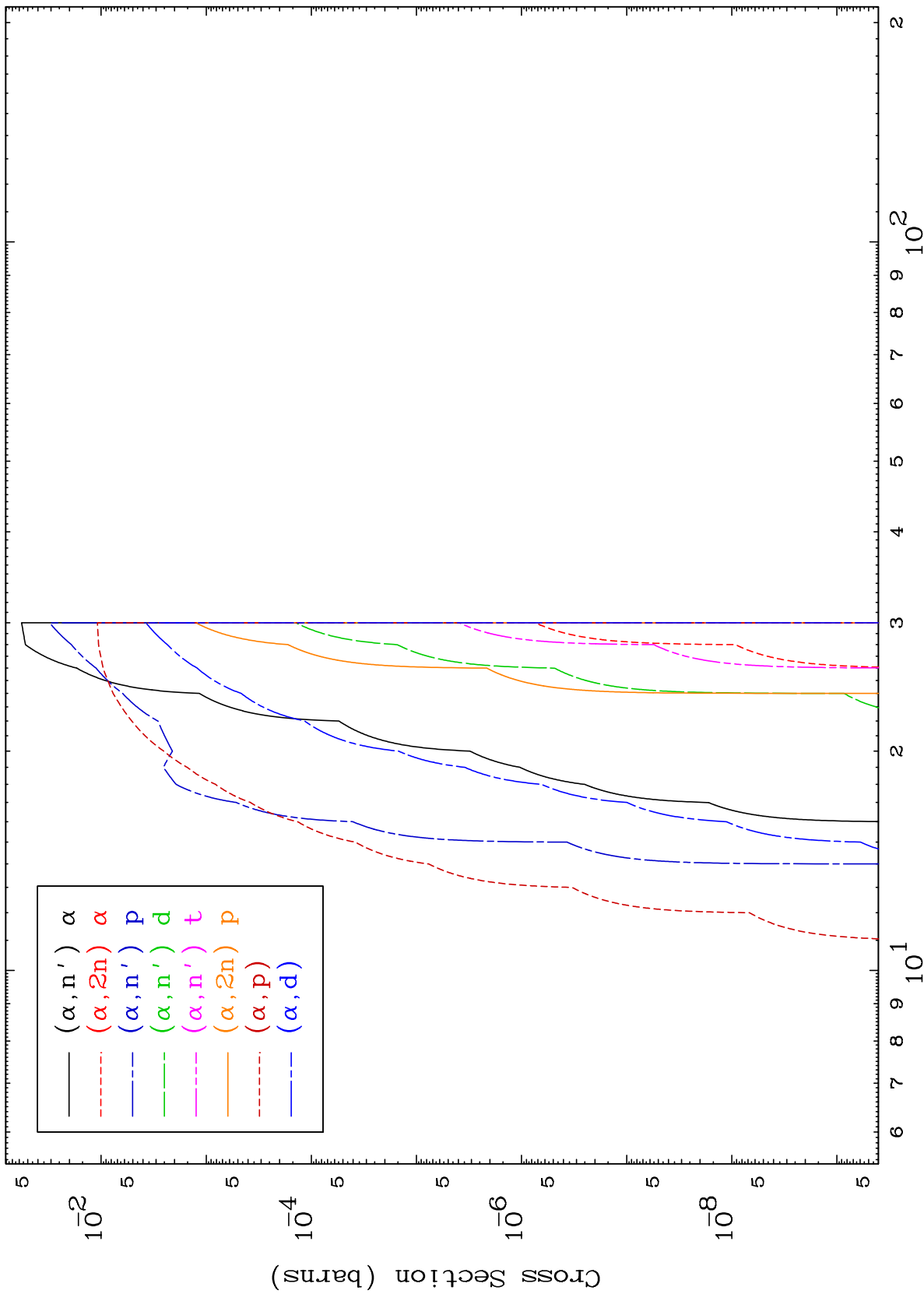
59-Pr-140

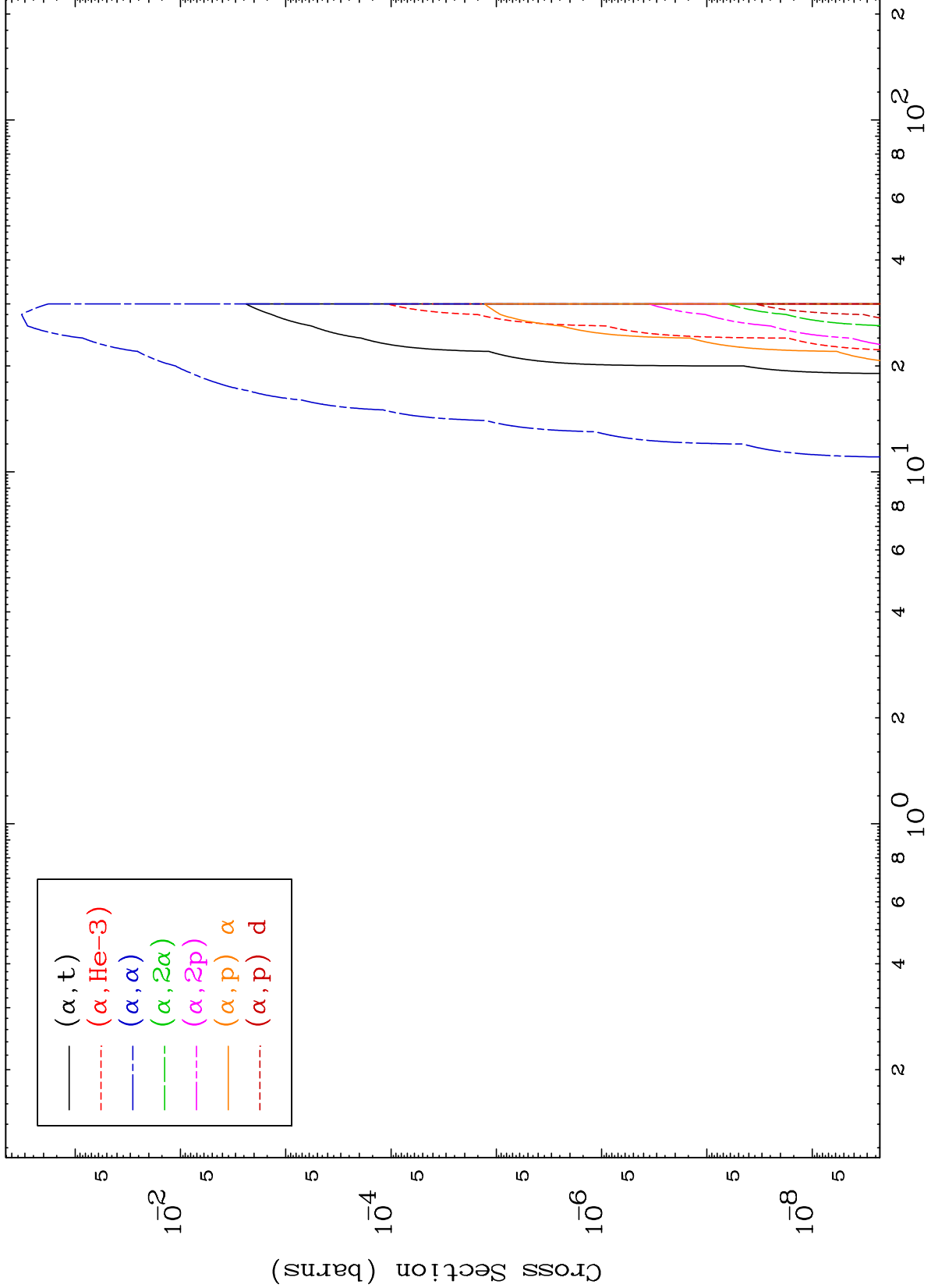


Incident Energy (MeV)

59-Pr-140

2



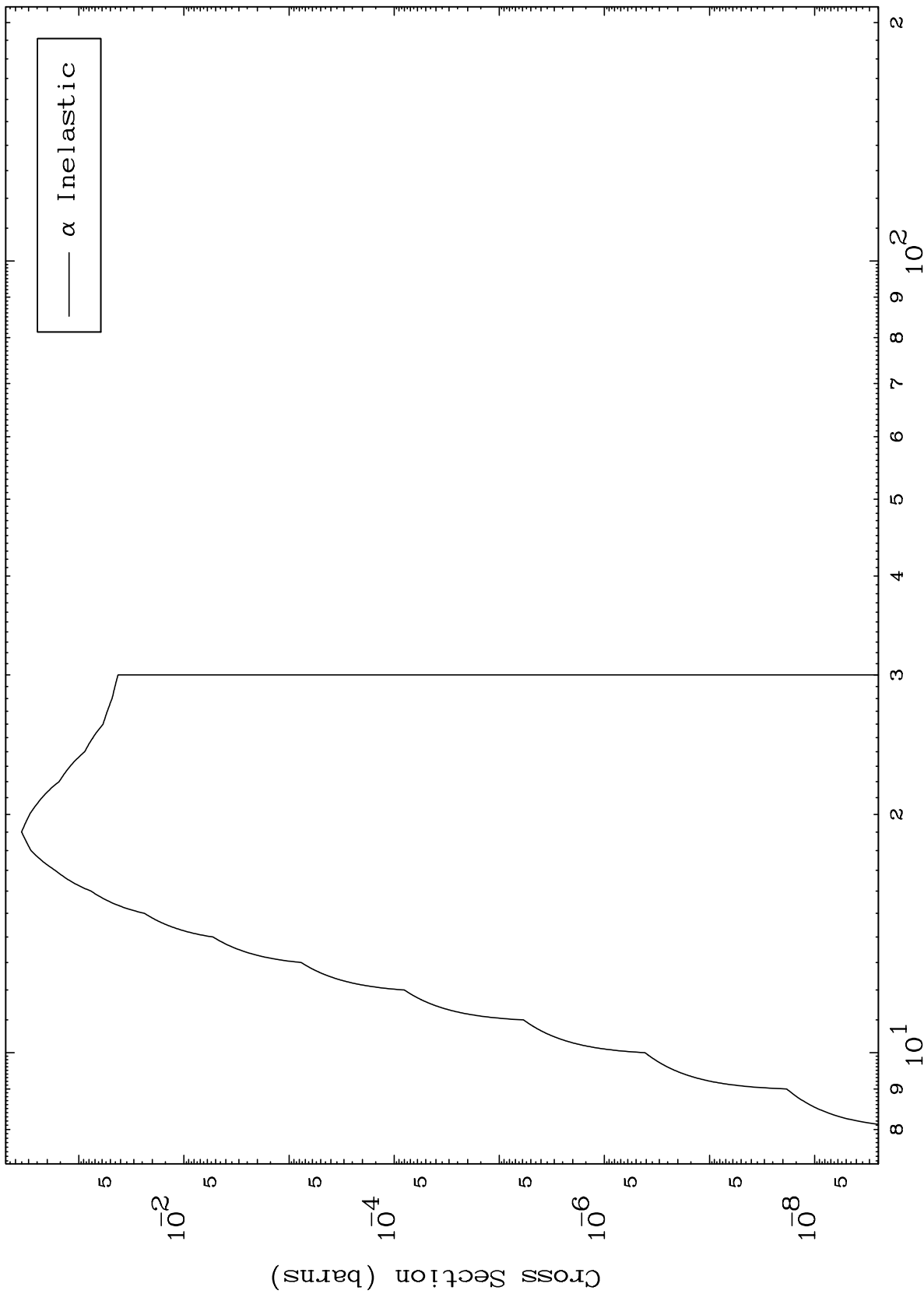


MAT 5922

(α, n') Level

59-Pr-140

0 Kelvin Cross Sections



5

Incident Energy (MeV)

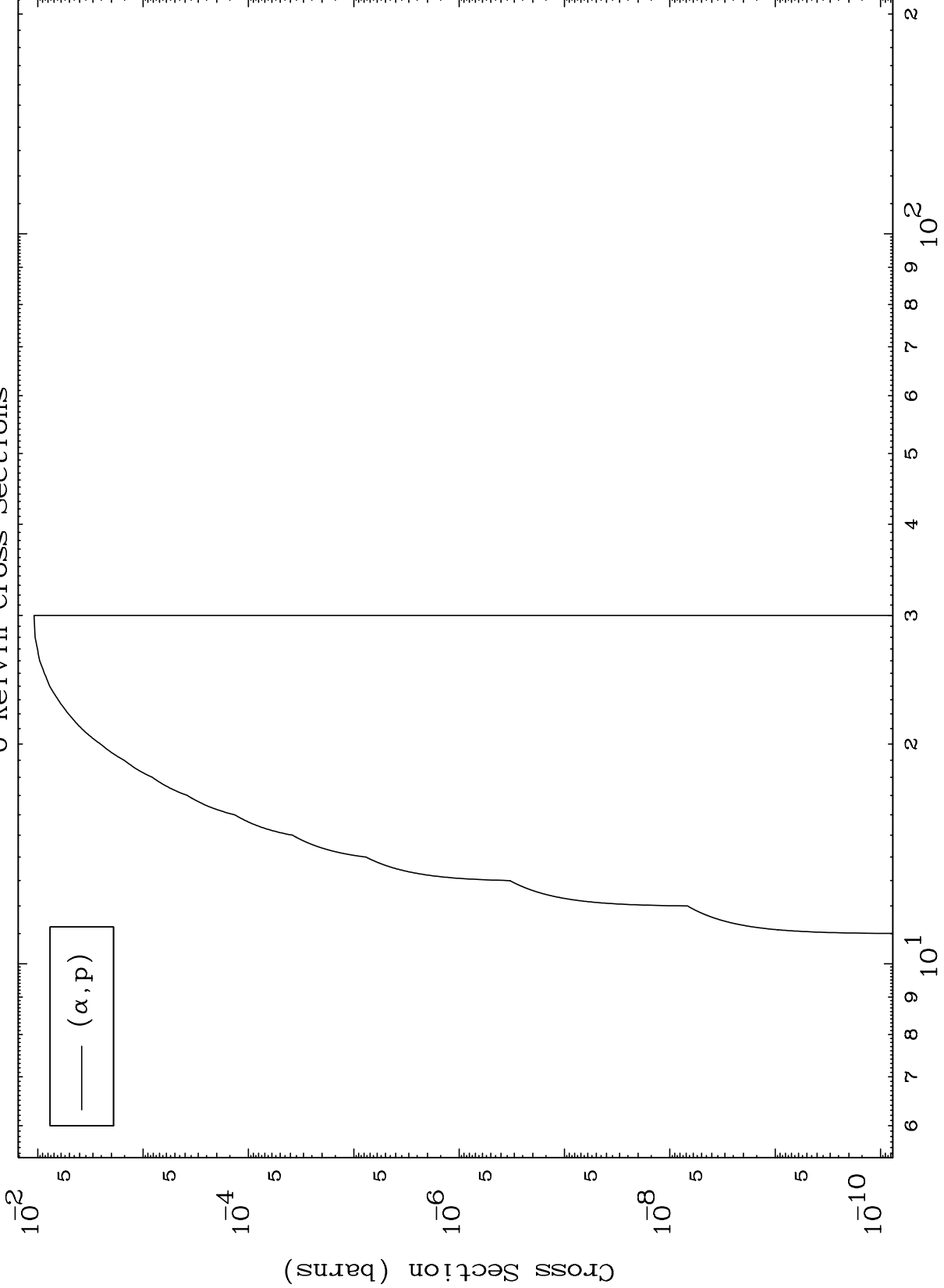
59-Pr-140

MAT 5922

(α, p) Levels

59-Pr-140

0 Kelvin Cross Sections



6

Incident Energy (MeV)

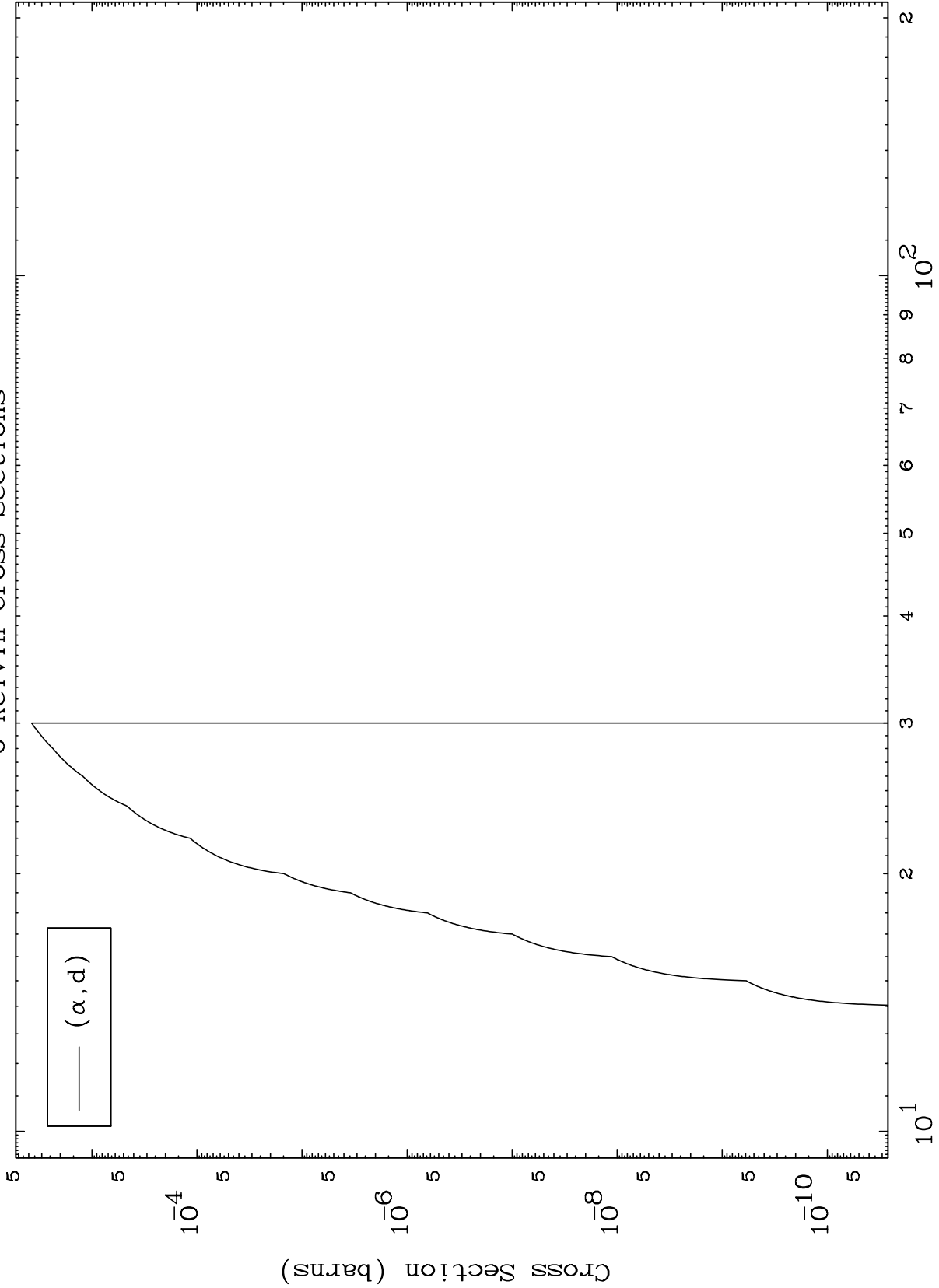
59-Pr-140

MAT 5922

(α, d) Levels

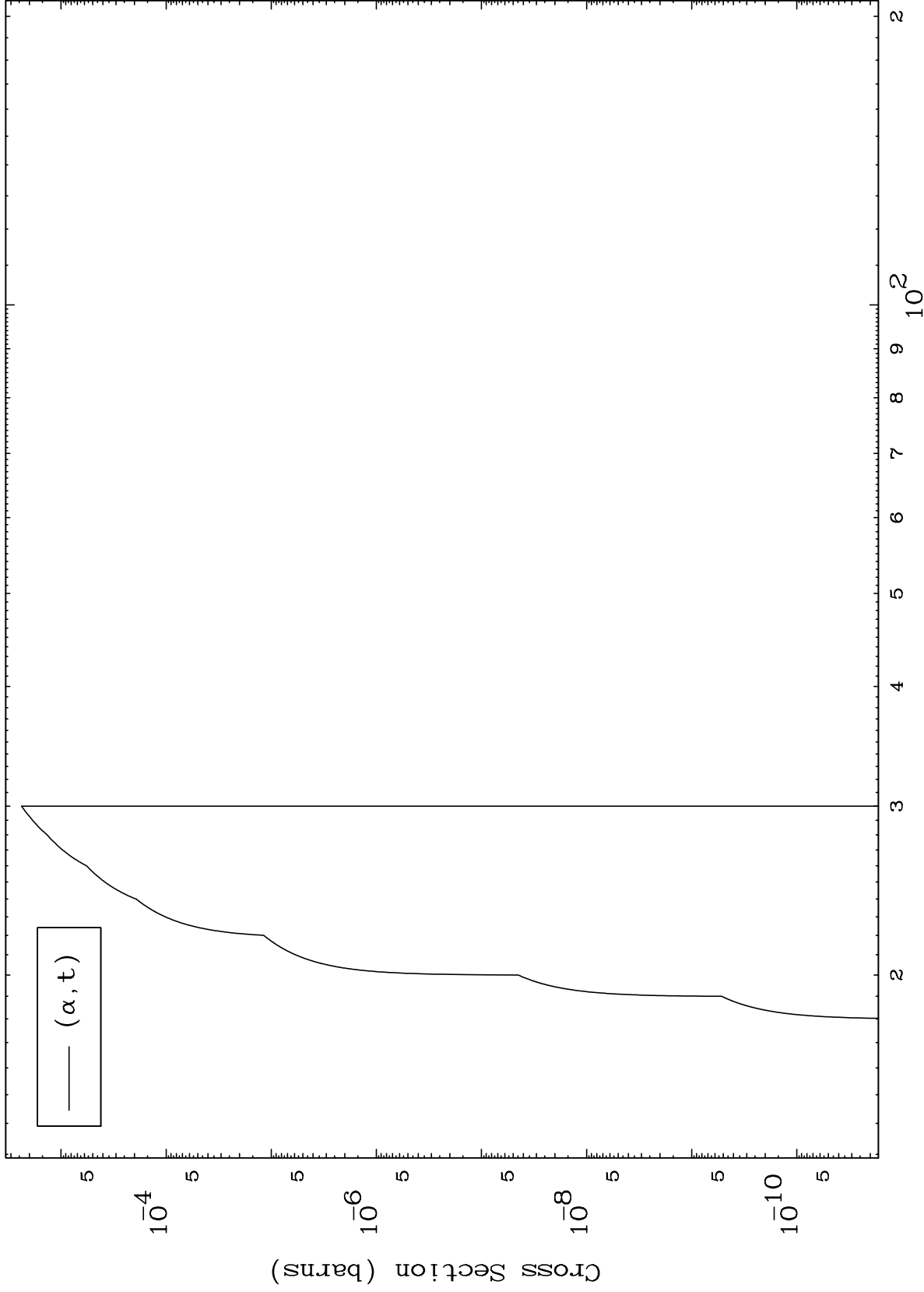
59-Pr-140

0 Kelvin Cross Sections

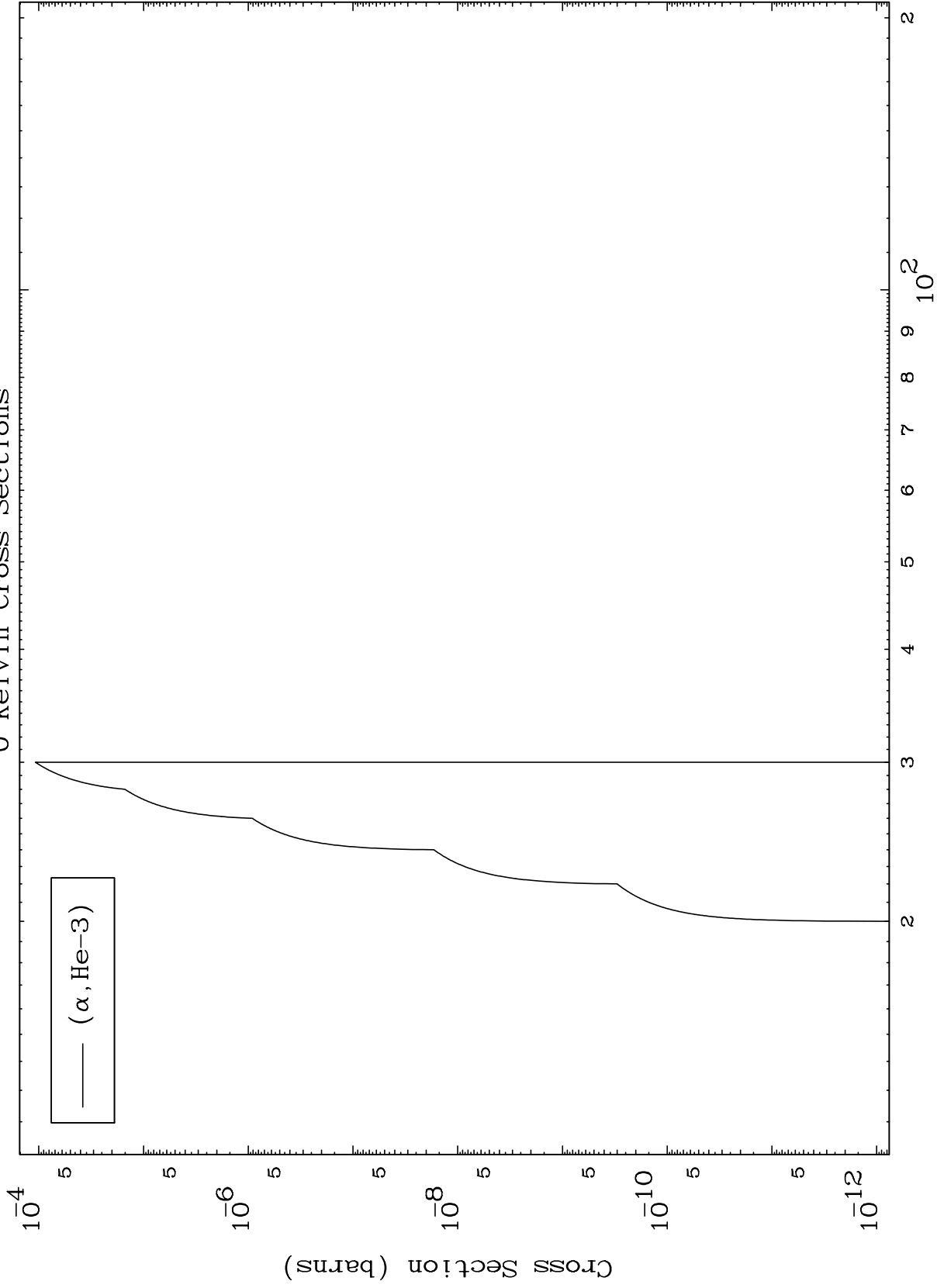


Incident Energy (MeV)

59-Pr-140



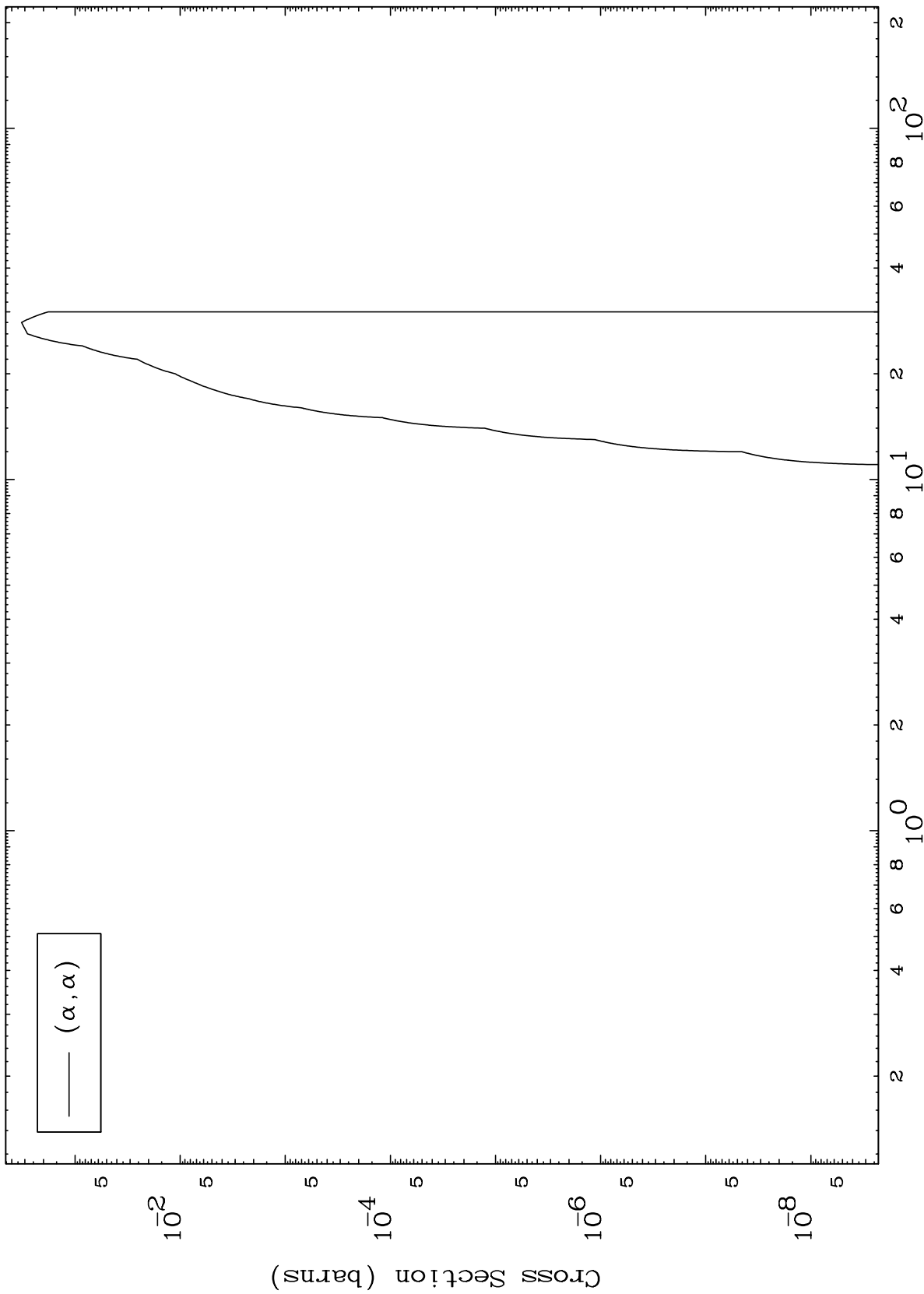
($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 5922

59-Pr-140

(α, α) Levels
0 Kelvin Cross Sections

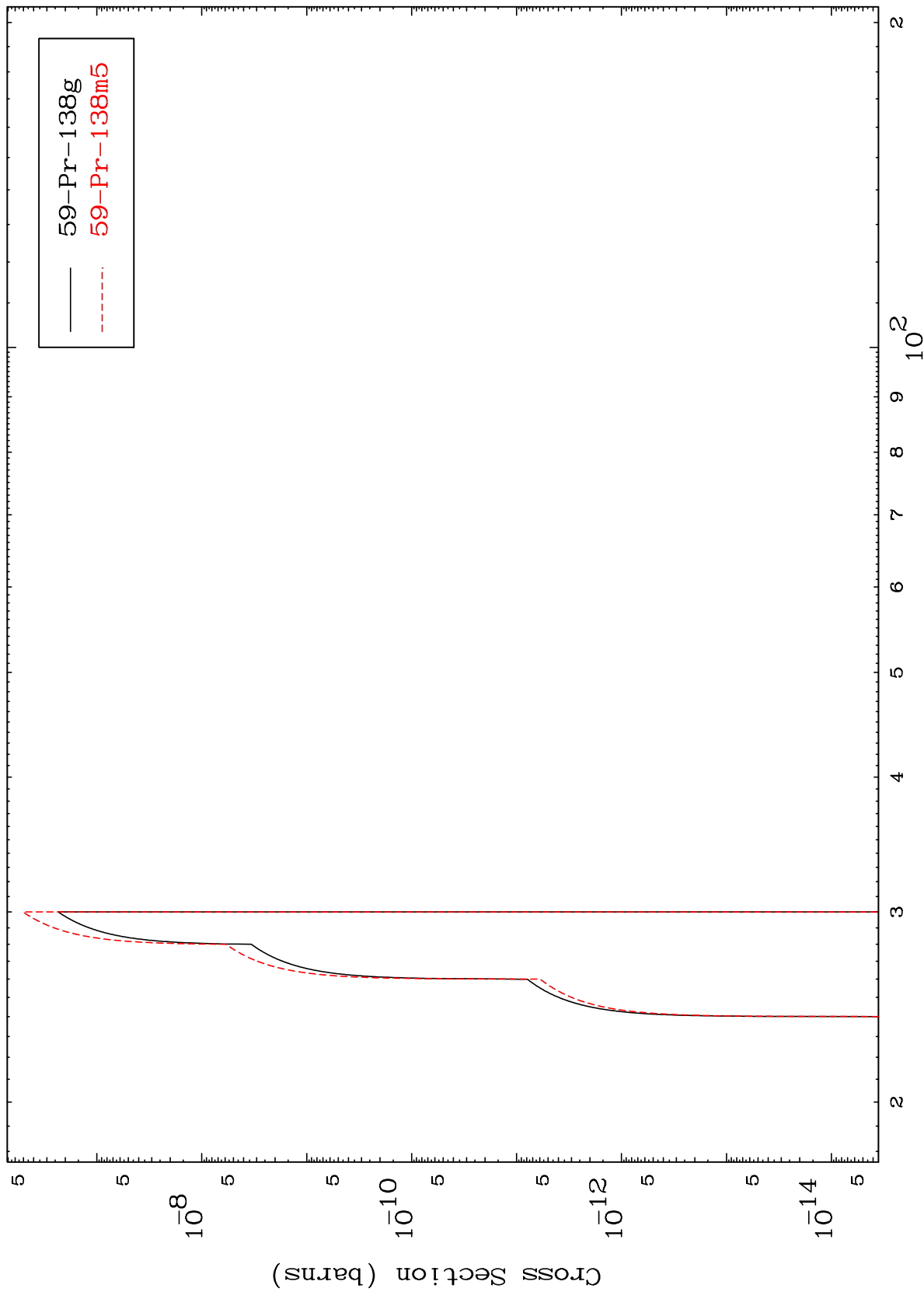


59-Pr-140

Incident Energy (MeV)

10

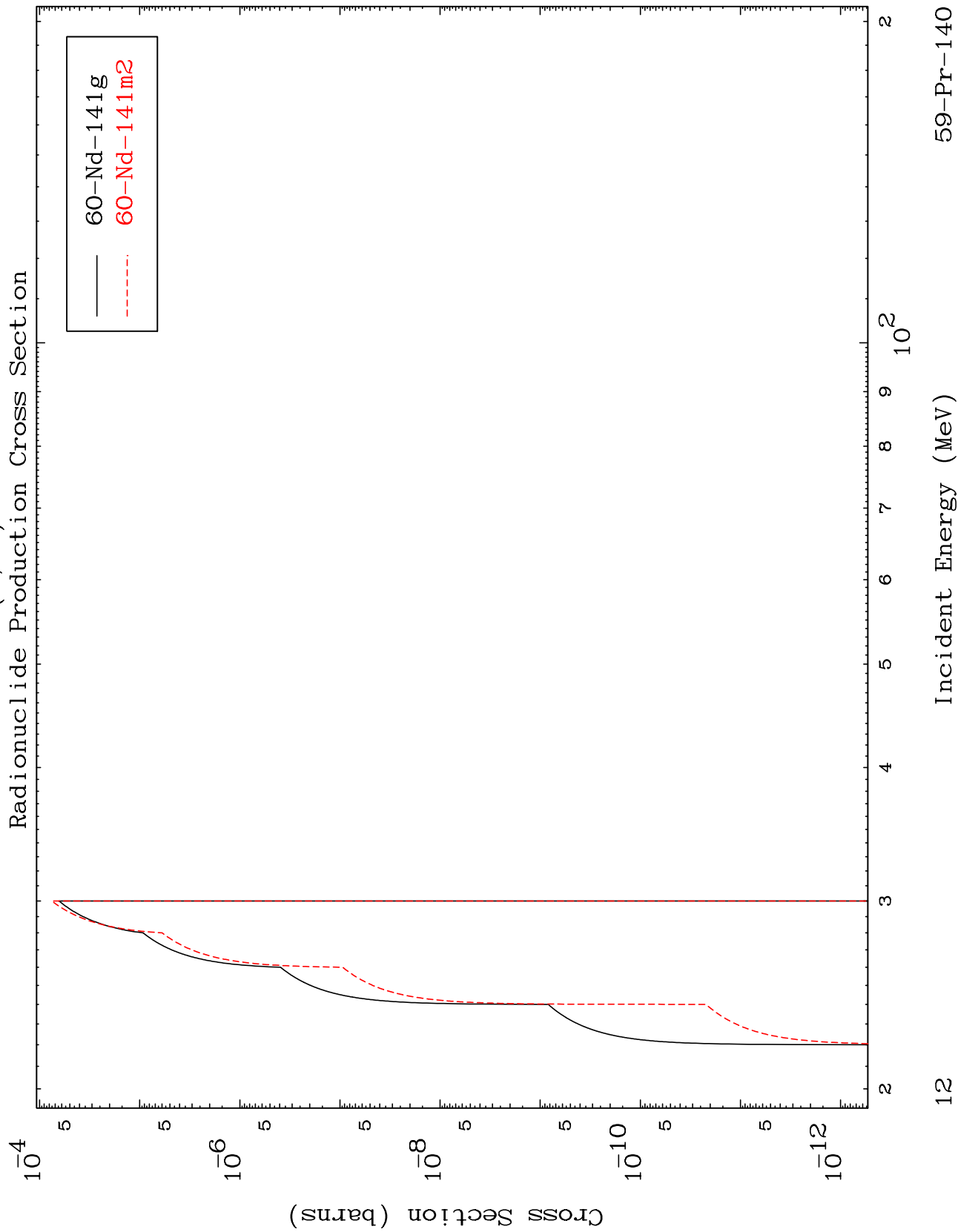
Radionuclide Production Cross Section



MAT 5922

(α, n') d

59-Pr-140

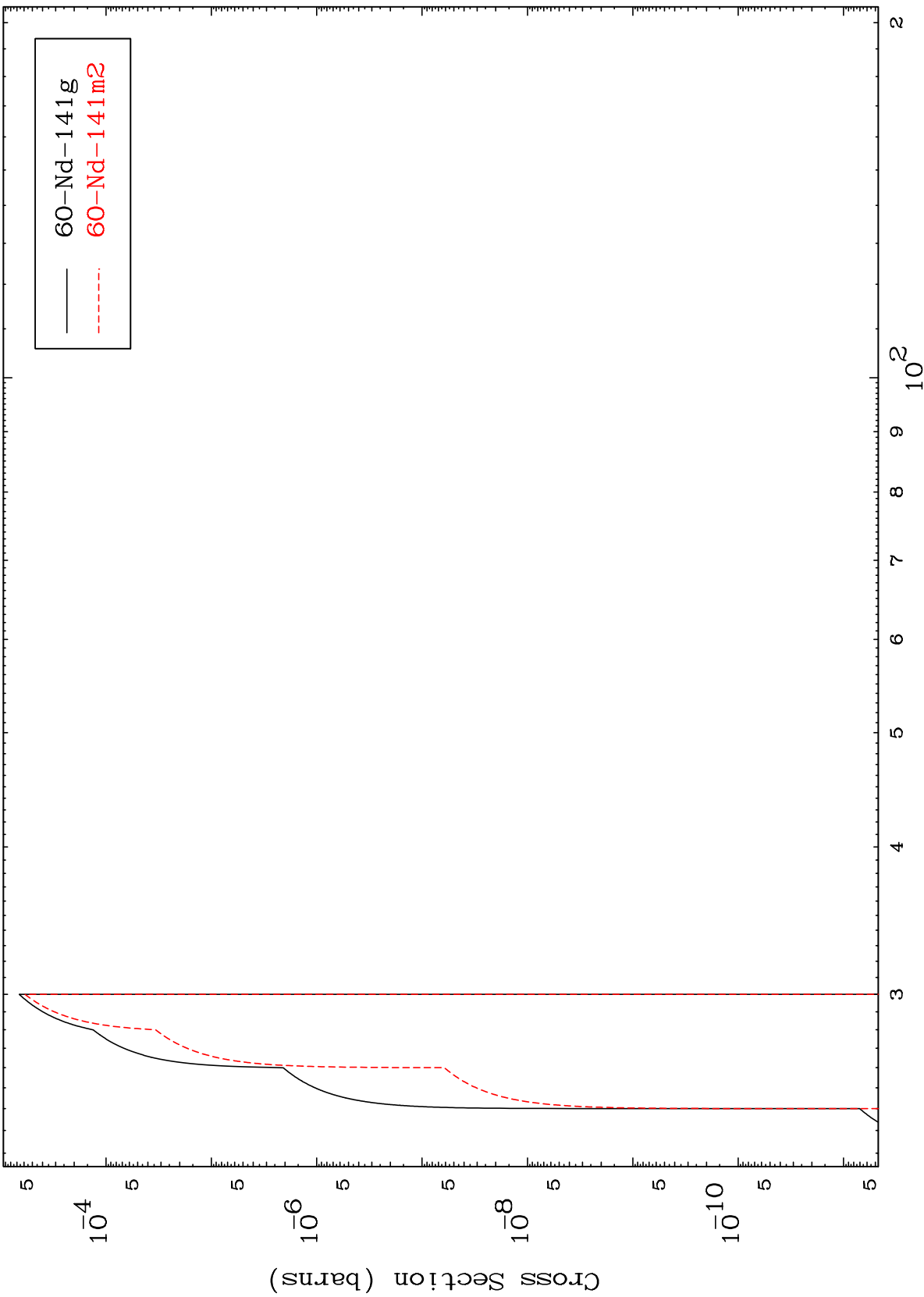


12

Incident Energy (MeV)

59-Pr-140

Radionuclide Production Cross Section

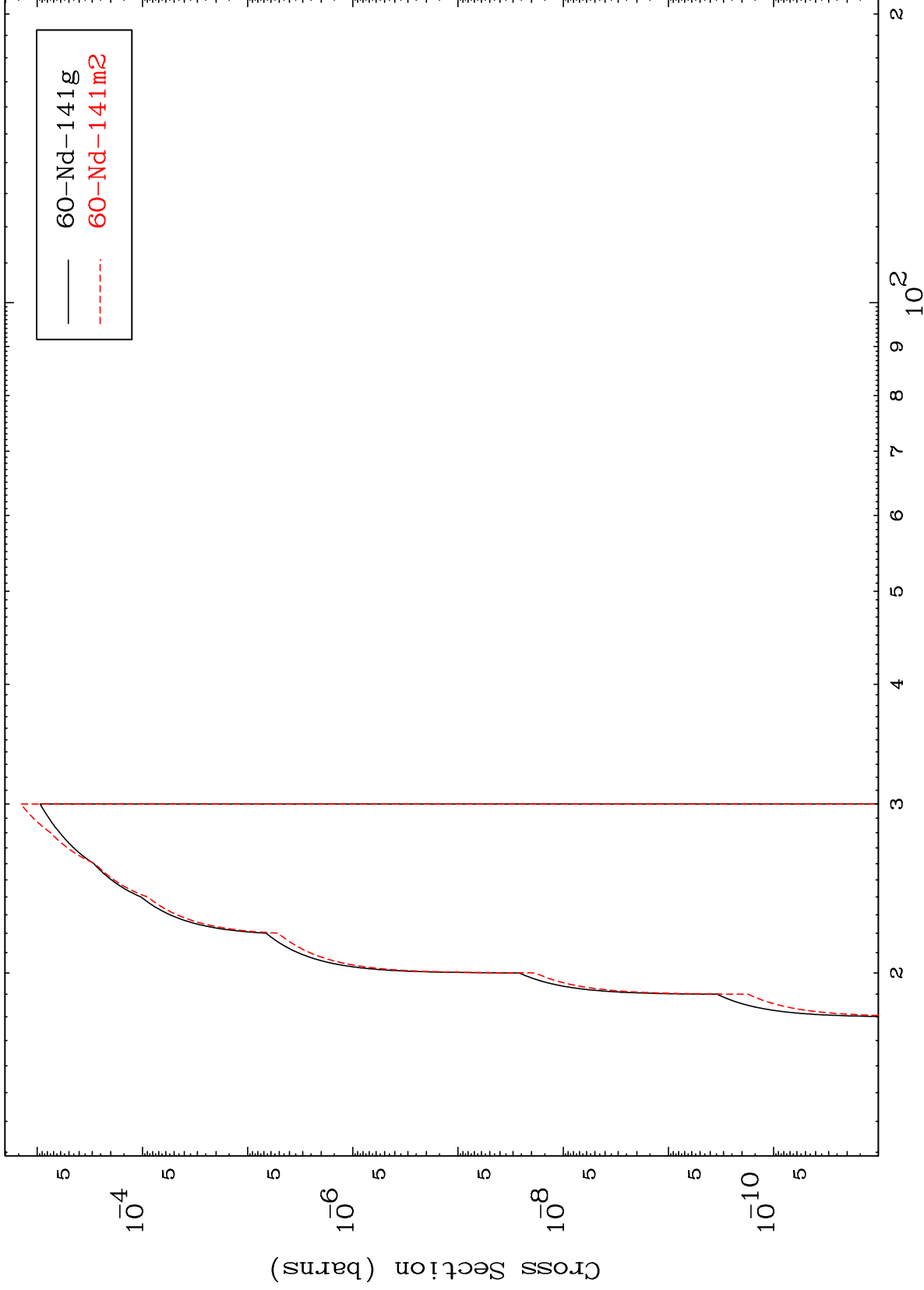


MAT 5922

(α, t)

59-Pr-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

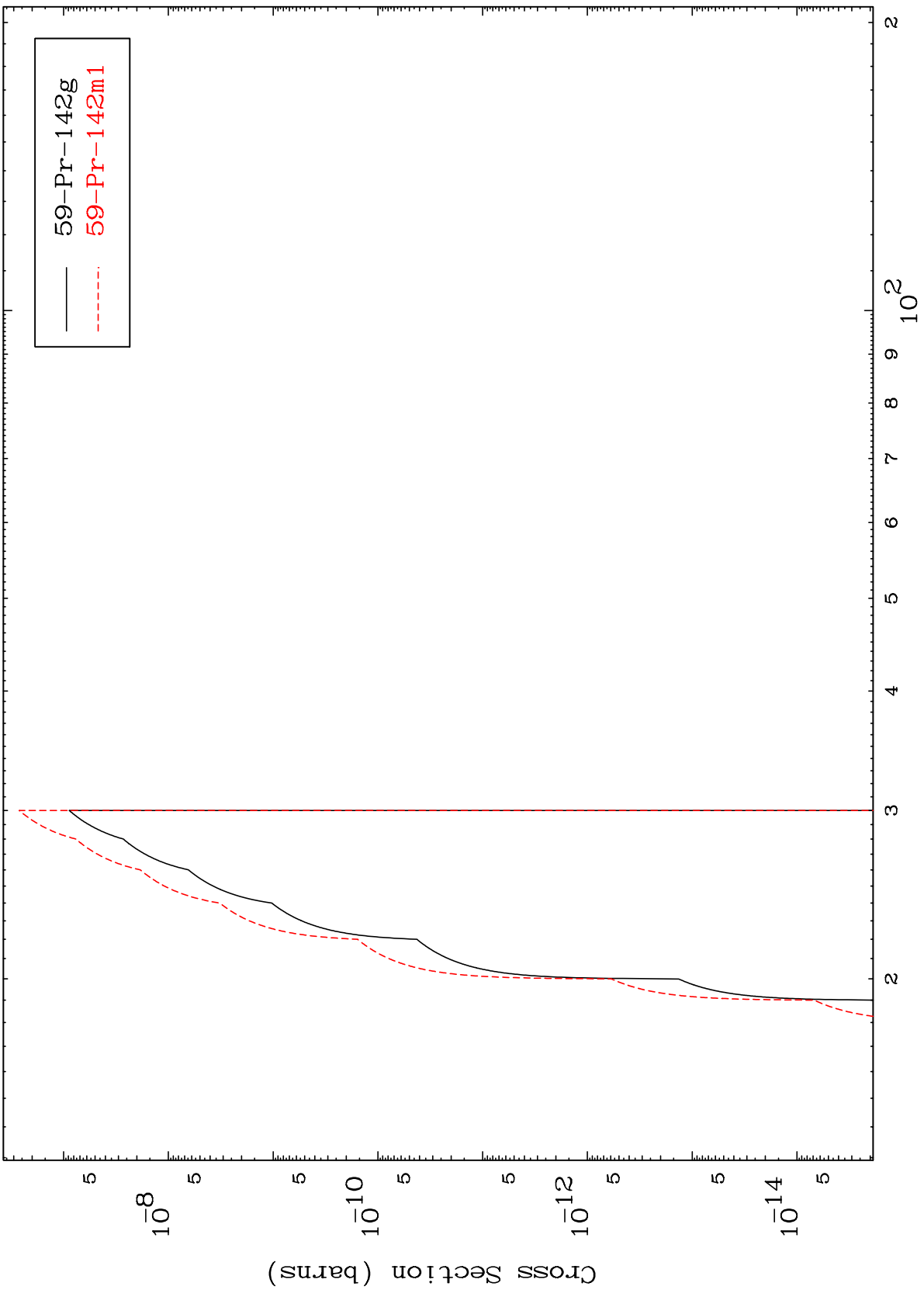
59-Pr-140

MAT 5922

59-Pr-140

($\alpha, 2p$)

Radionuclide Production Cross Section



15

59-Pr-140

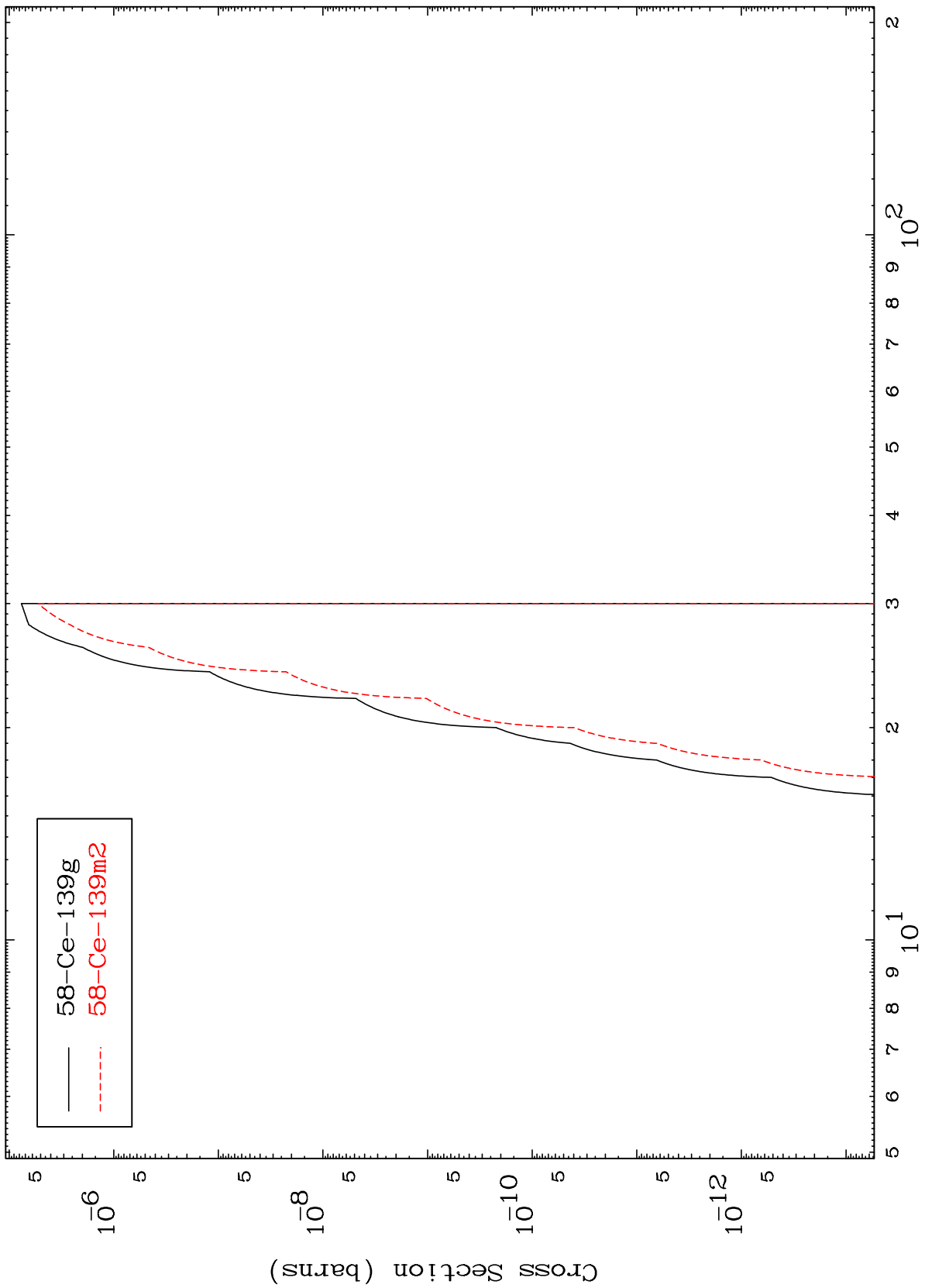
Incident Energy (MeV)

MAT 5922

(α, p) α

59-Pr-140

Radionuclide Production Cross Section



16

Incident Energy (MeV)

59-Pr-140