

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

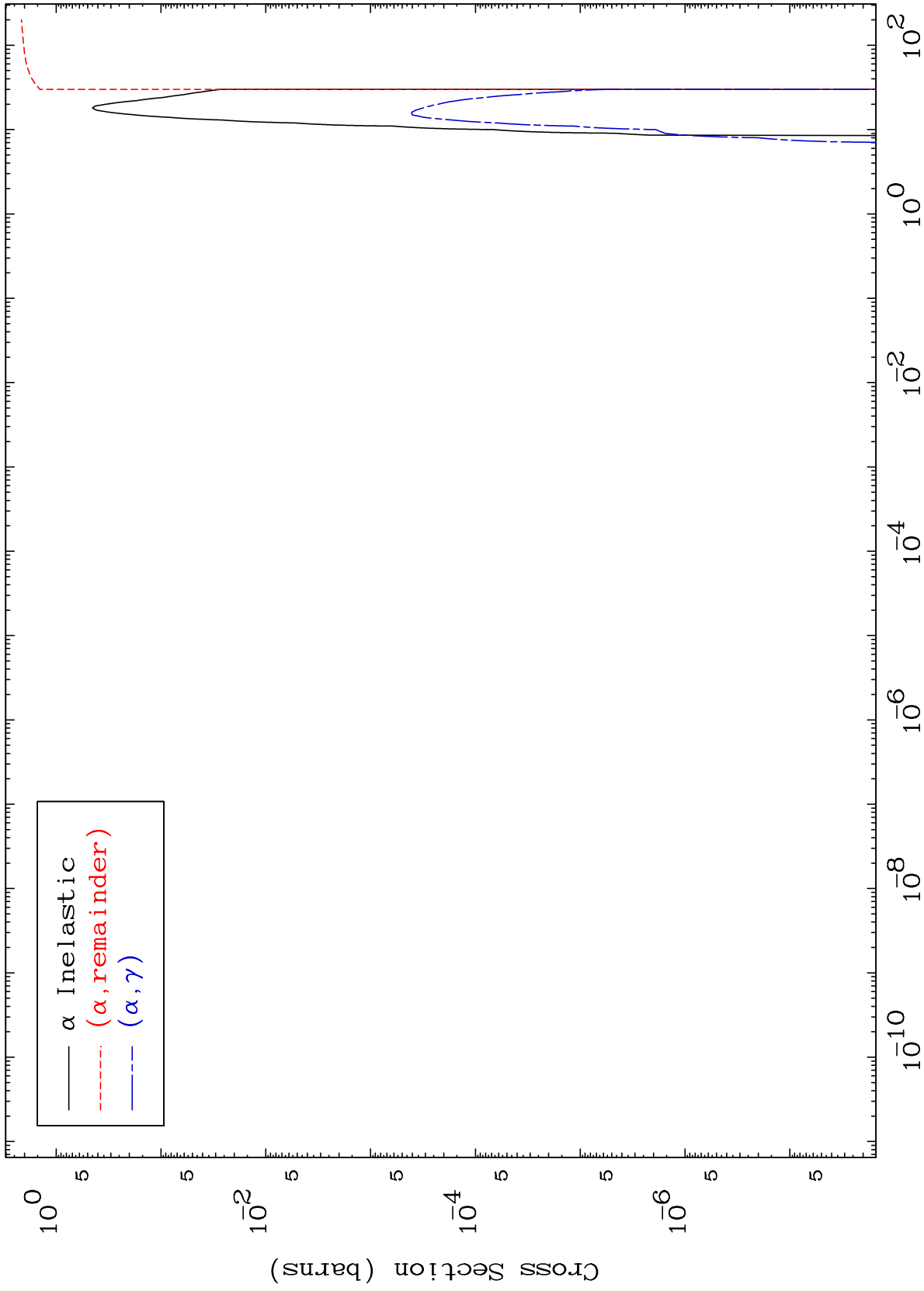
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4925

0 Kelvin α Major
Cross Sections

49-In-113



1

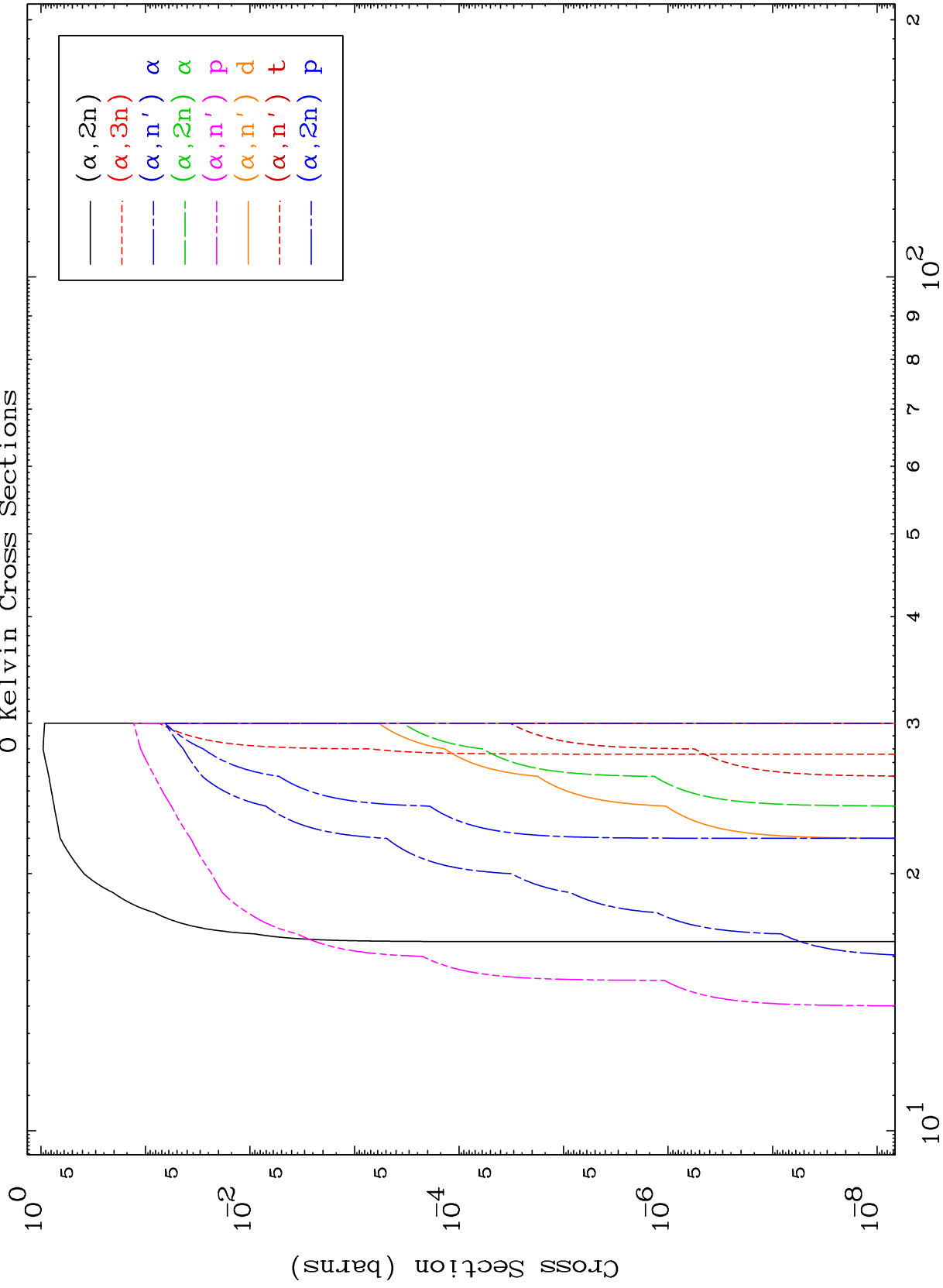
Incident Energy (MeV)

49-In-113

MAT 4925

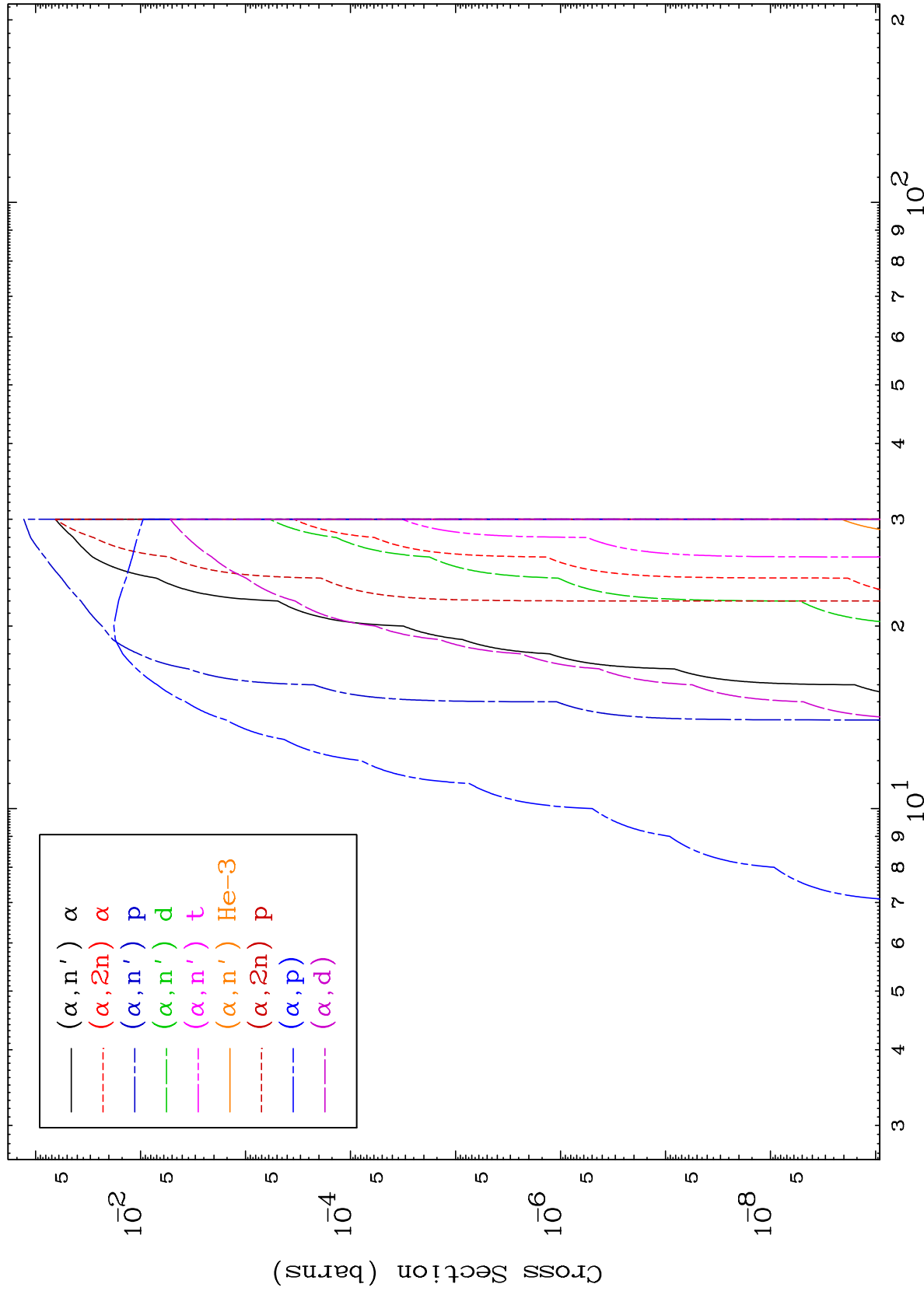
α Neutron Production
0 Kelvin Cross Sections

49-In-113



Incident Energy (MeV)

49-In-113

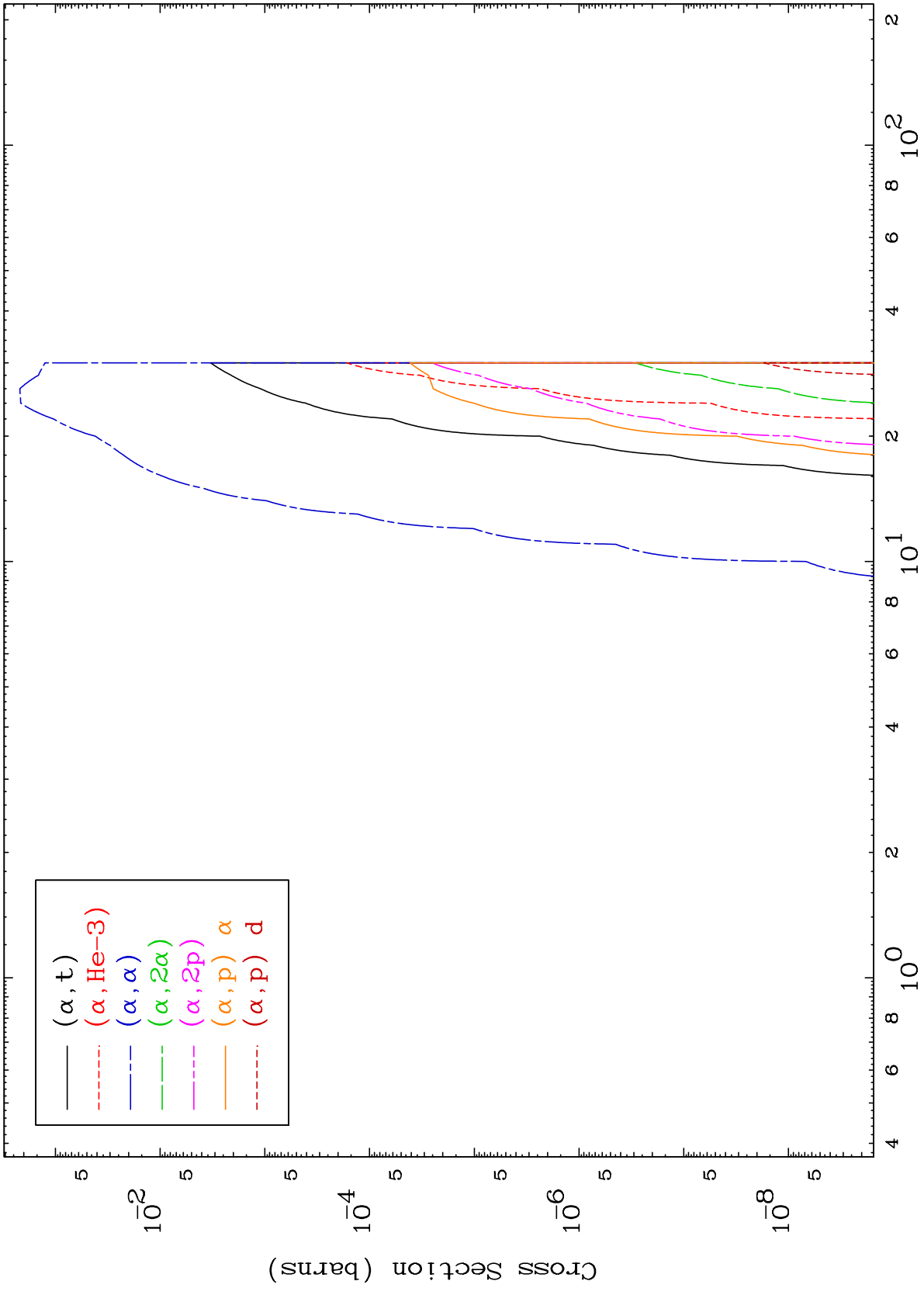


MAT 4925

α Charged Particle

49-In-113

0 Kelvin Cross Sections

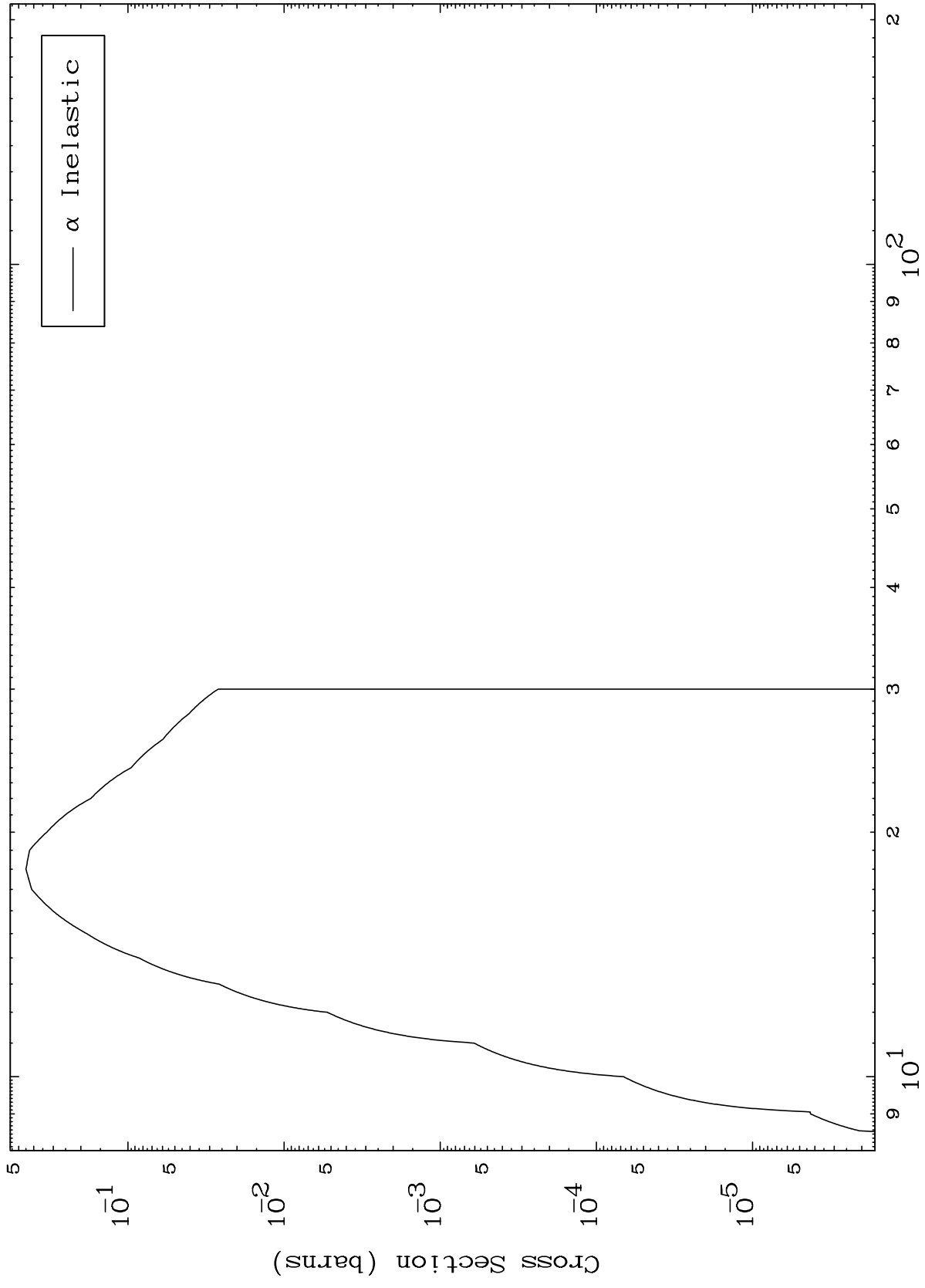


4

MAT 4925

(α, n') Level
0 Kelvin Cross Sections

49-In-113



5

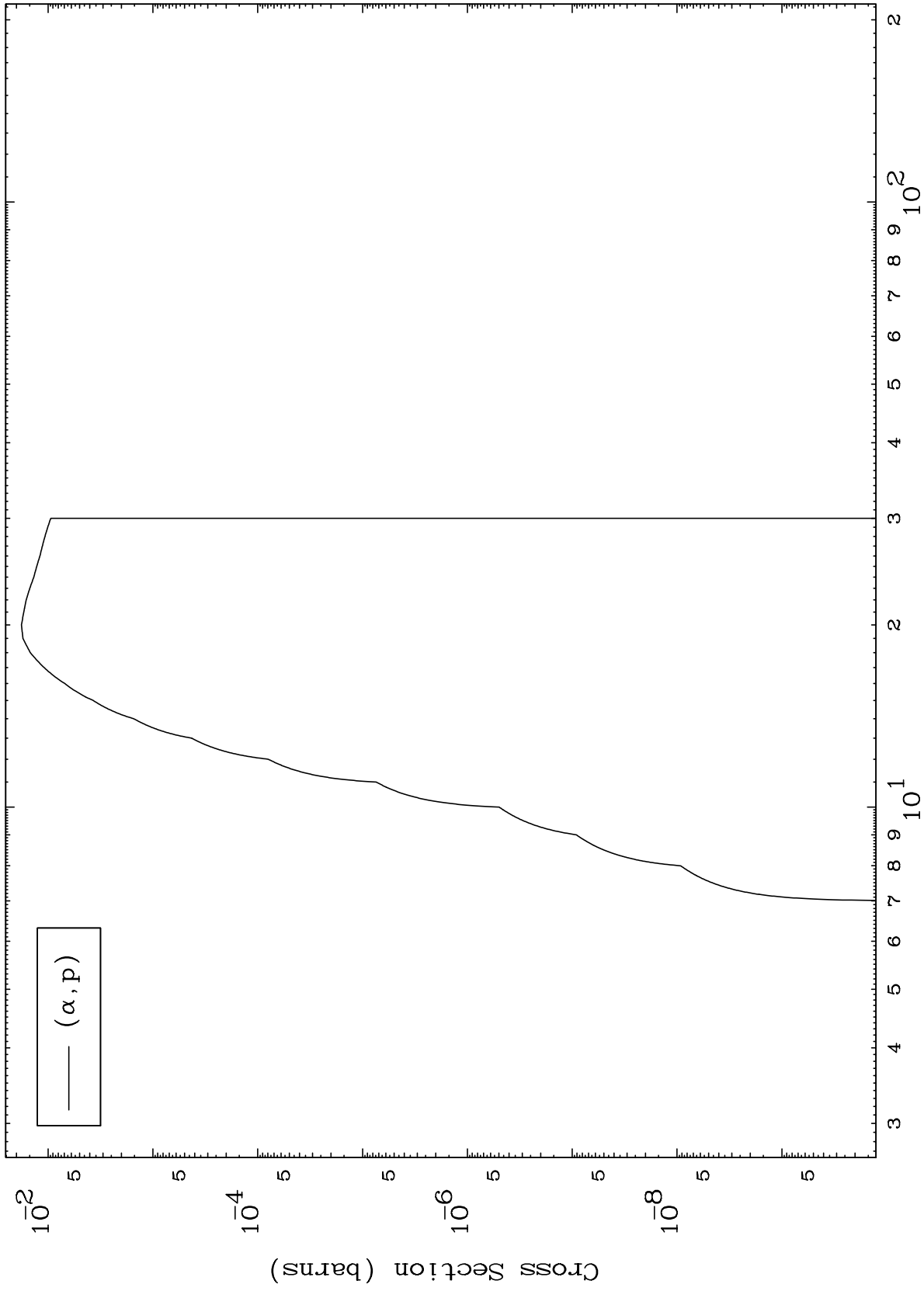
Incident Energy (MeV)

49-In-113

MAT 4925

(α, p) Levels
0 Kelvin Cross Sections

49-In-113



6

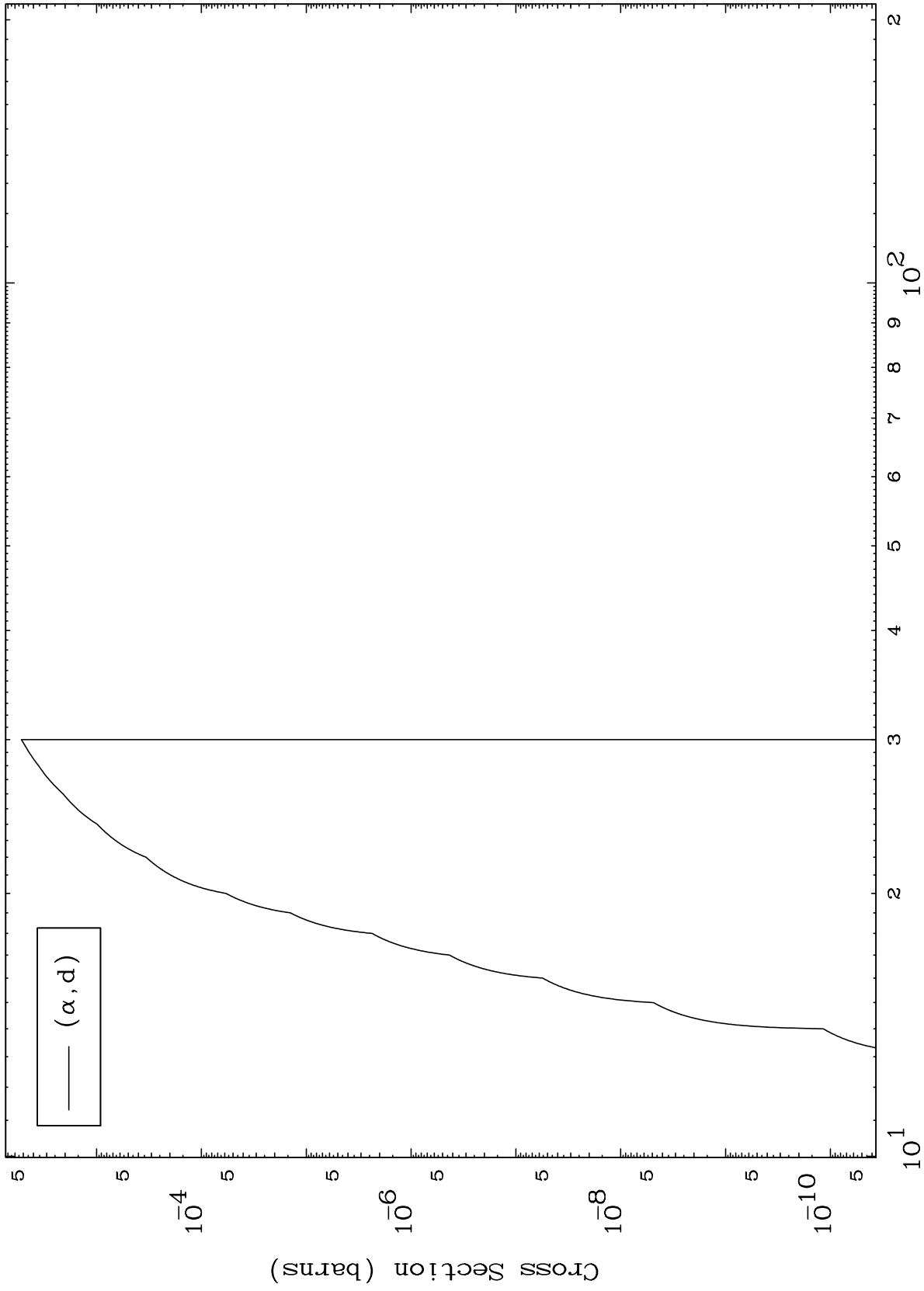
Incident Energy (MeV)

49-In-113

MAT 4925

(α, d) Levels
0 Kelvin Cross Sections

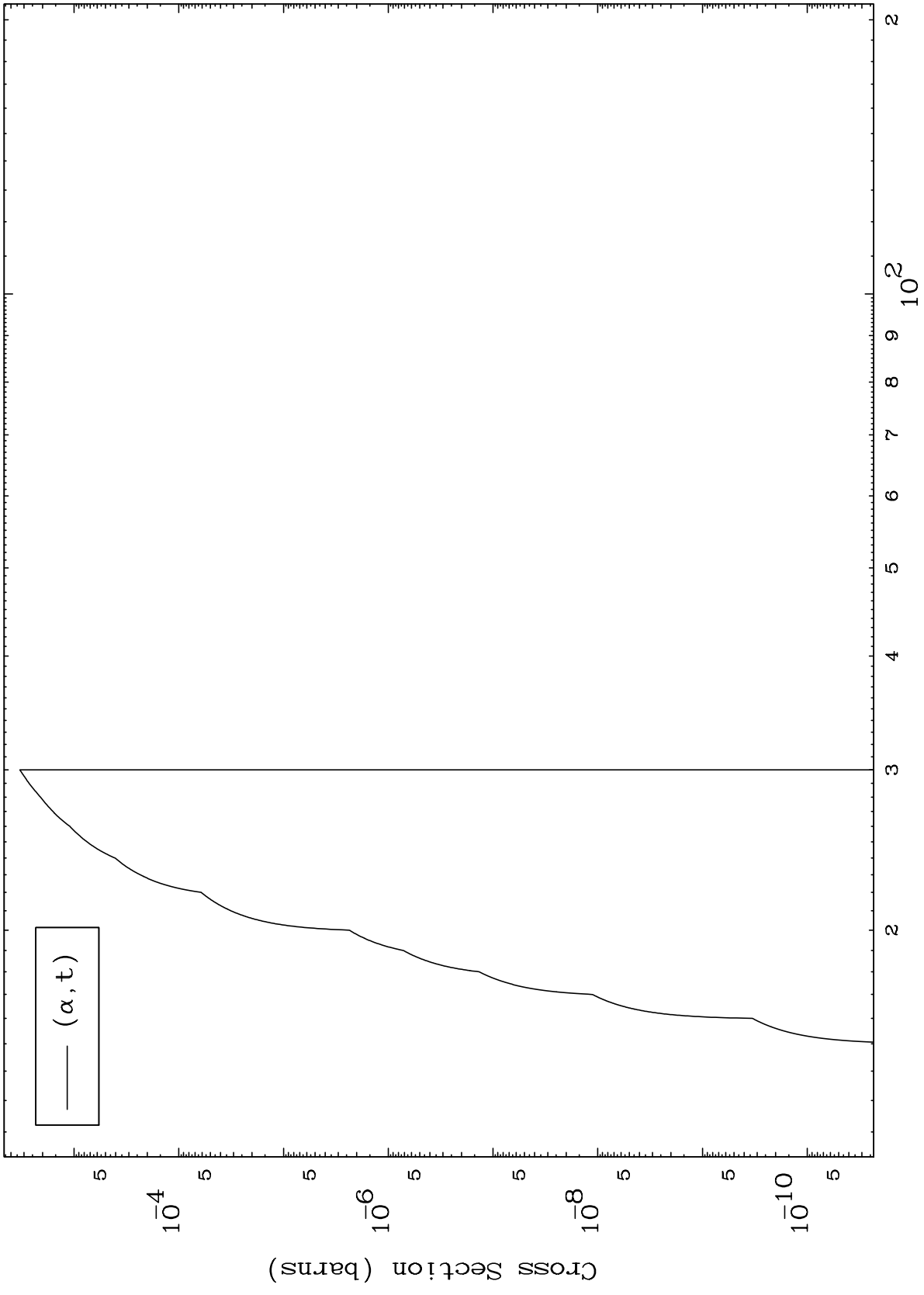
49-In-113

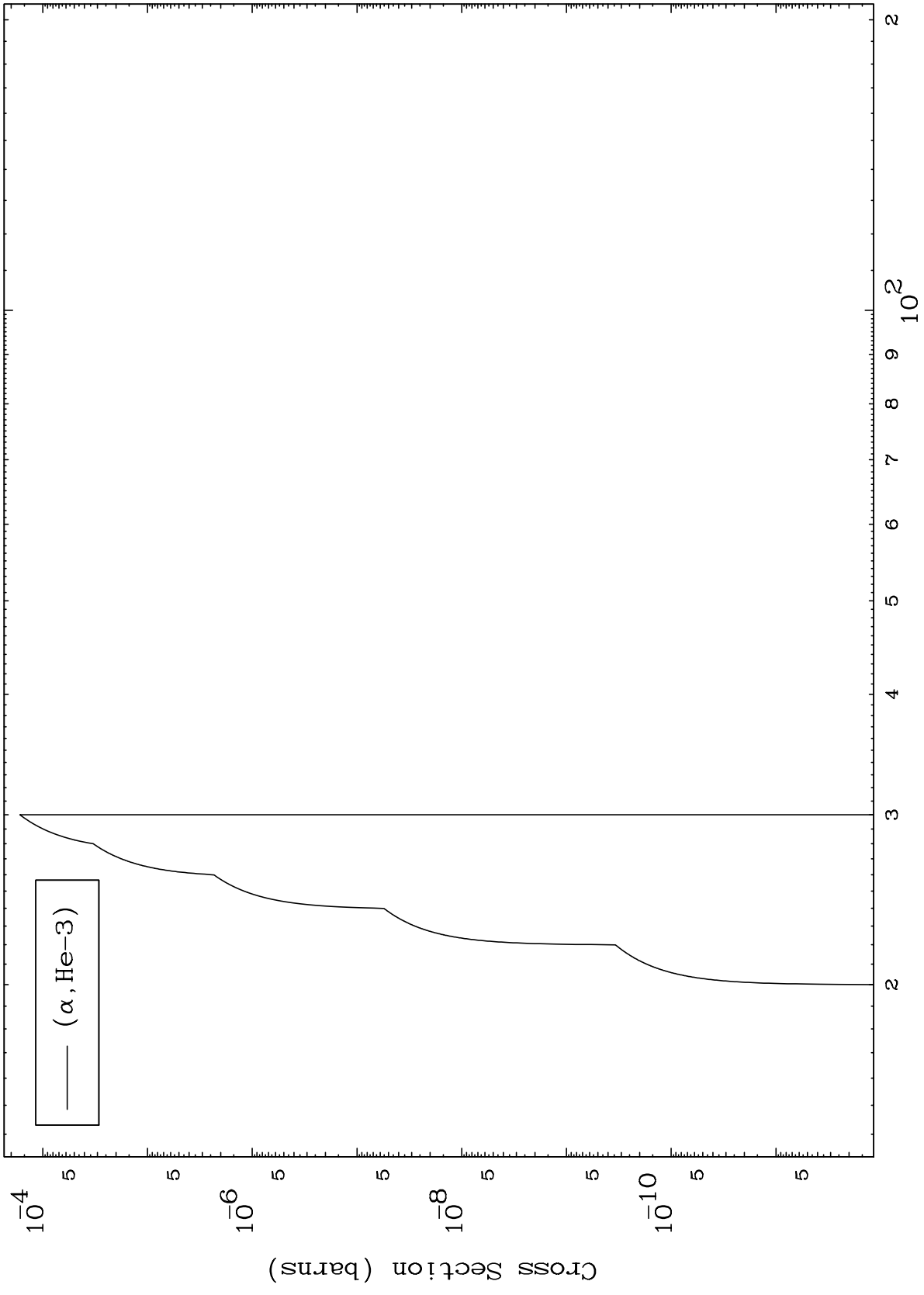


7

Incident Energy (MeV)

49-In-113



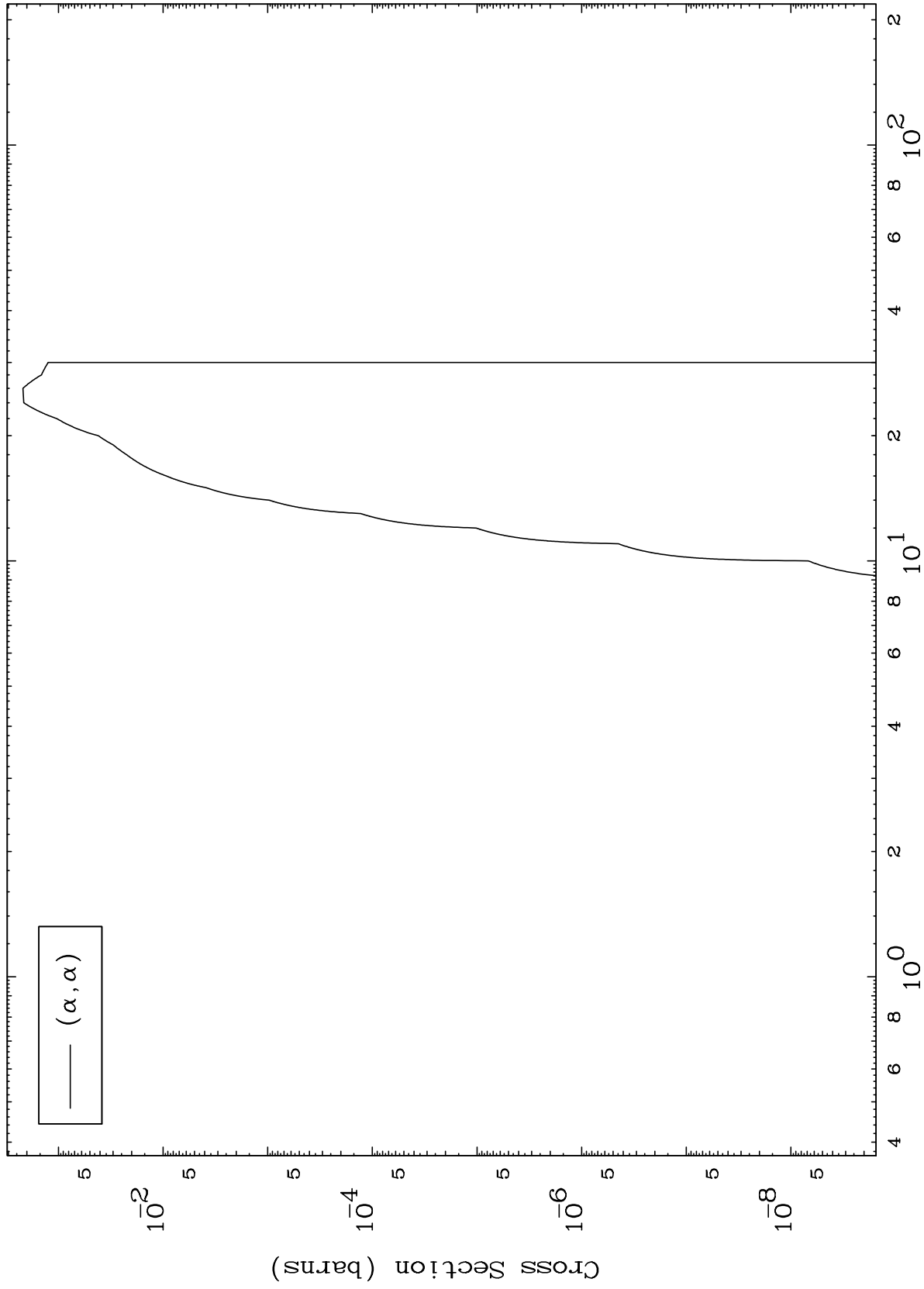


MAT 4925

(α, α) Levels

49-In-113

0 Kelvin Cross Sections



10

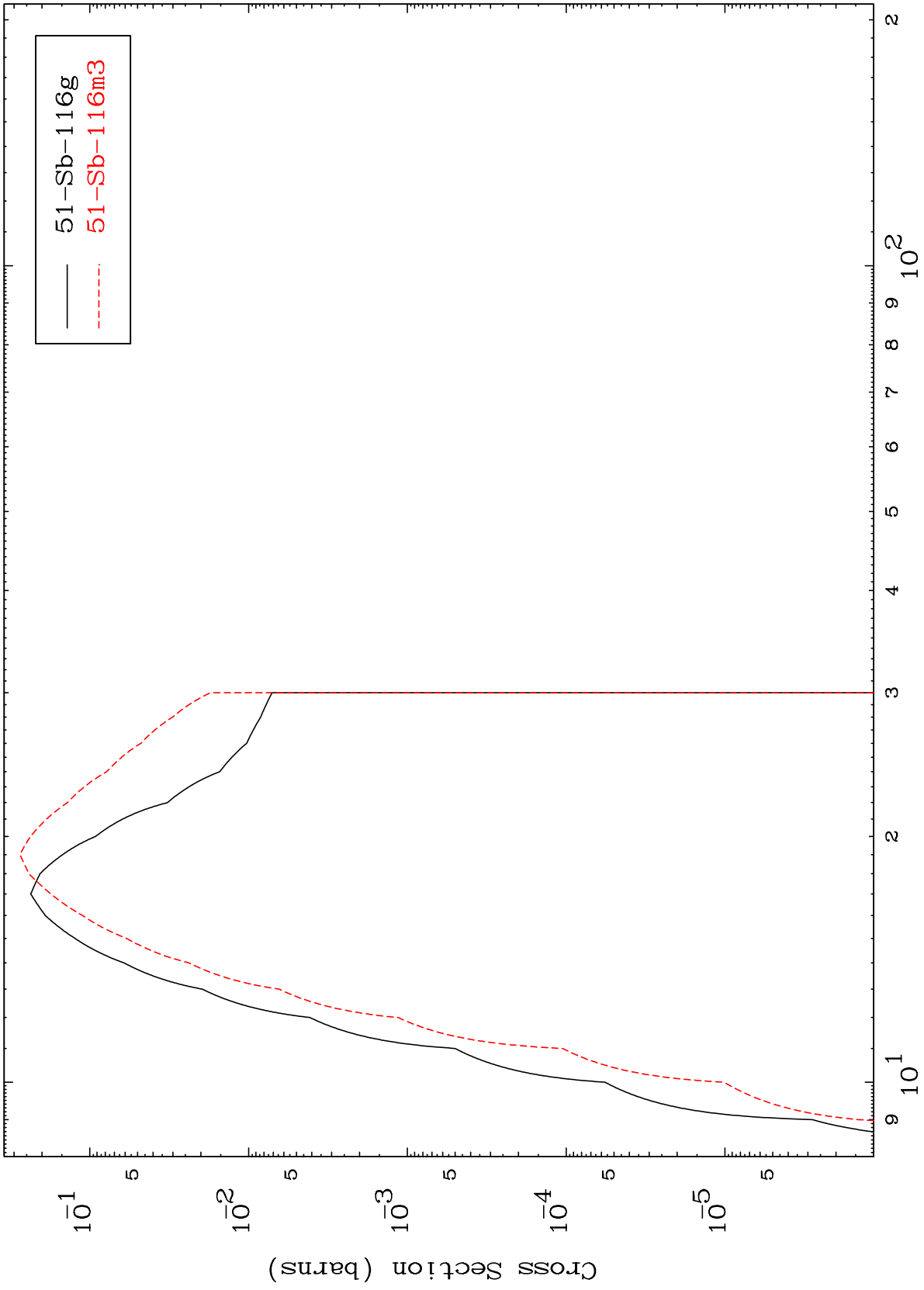
Incident Energy (MeV)

49-In-113

MAT 4925

49-In-113

α Inelastic
Radionuclide Production Cross Section



51-Sb-116g
51-Sb-116m3

11

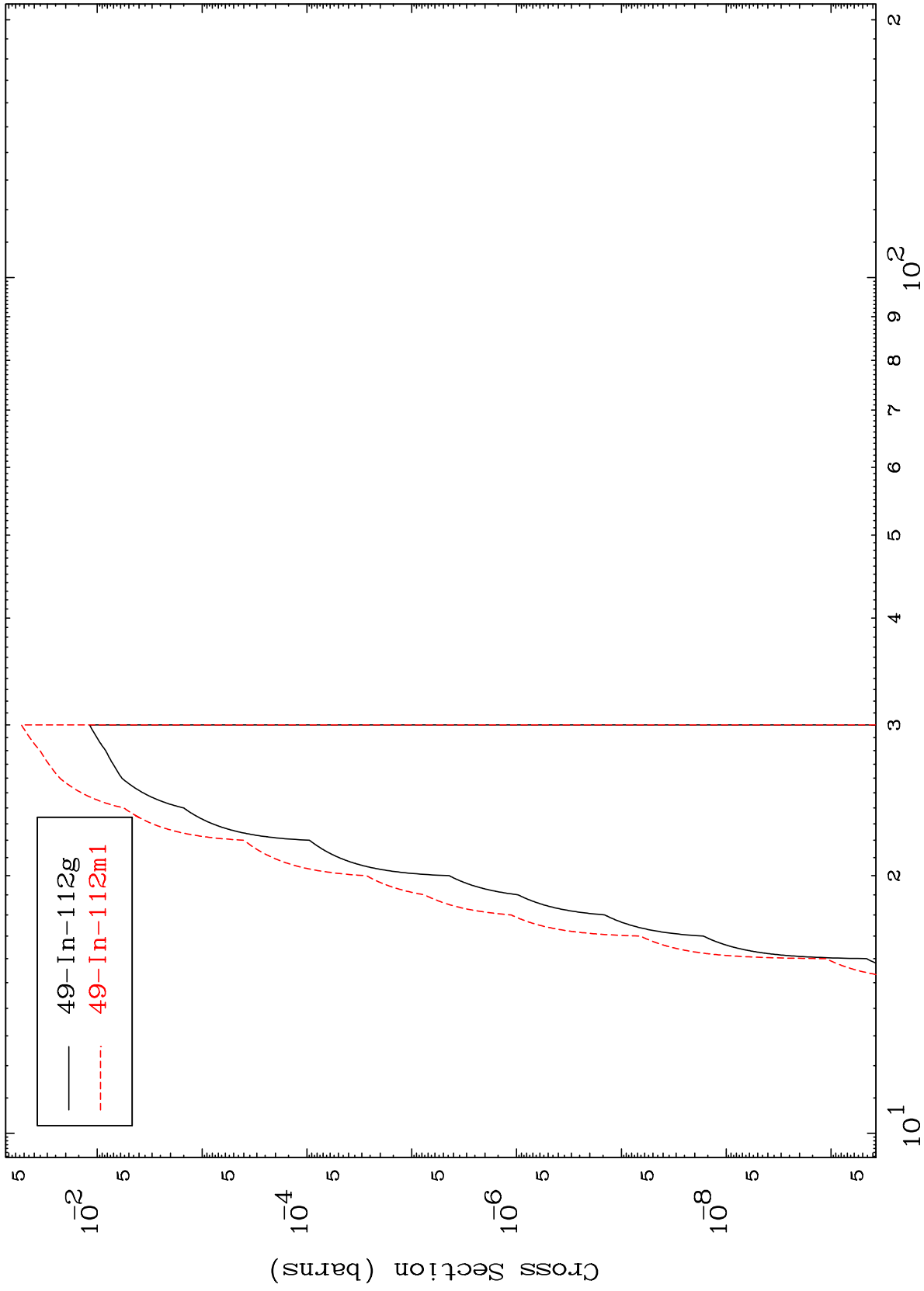
49-In-113

MAT 4925

(α, n') α

49-In-113

Radionuclide Production Cross Section



12

Incident Energy (MeV)

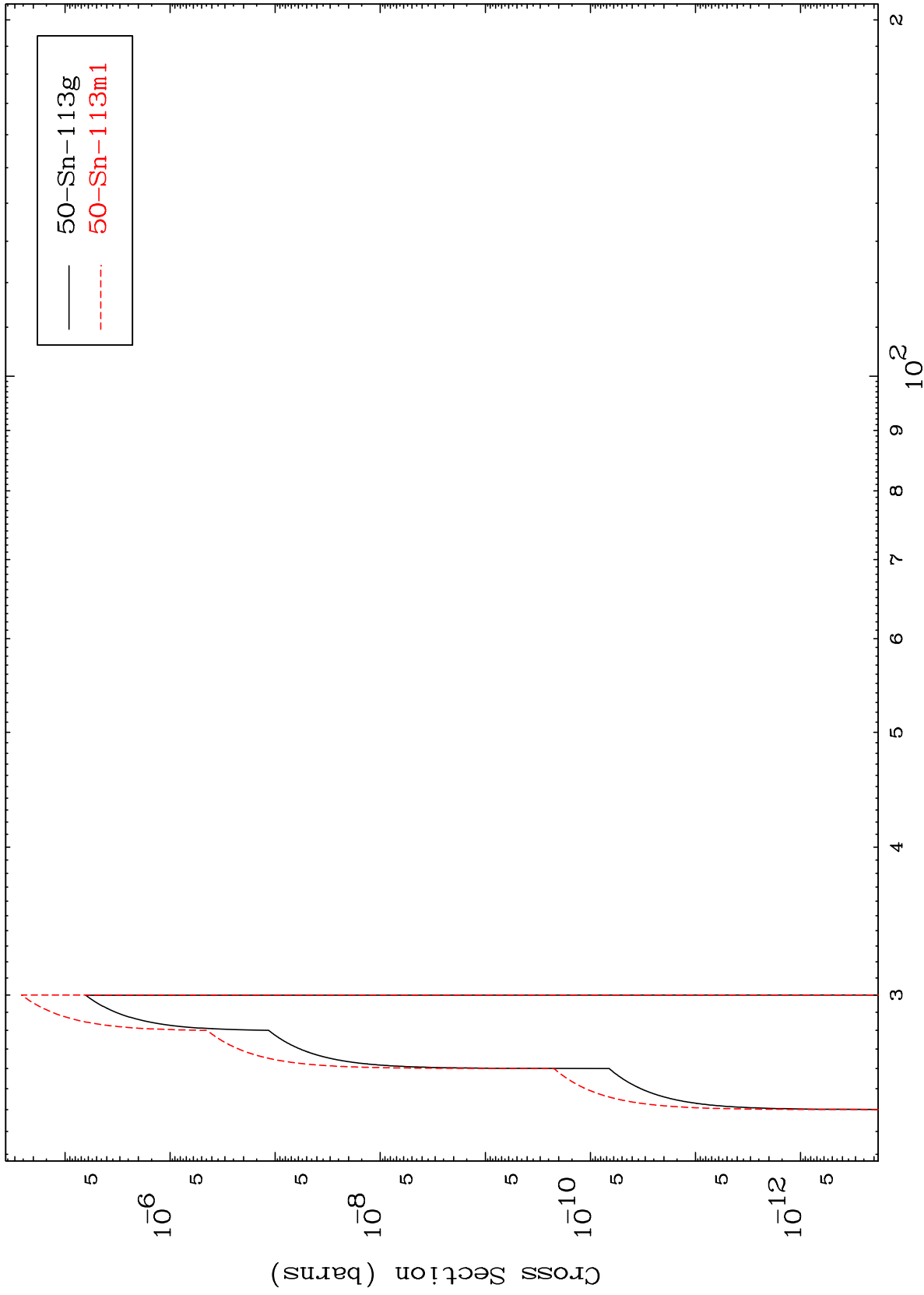
49-In-113

MAT 4925

(α, n') t

49-In-113

Radionuclide Production Cross Section

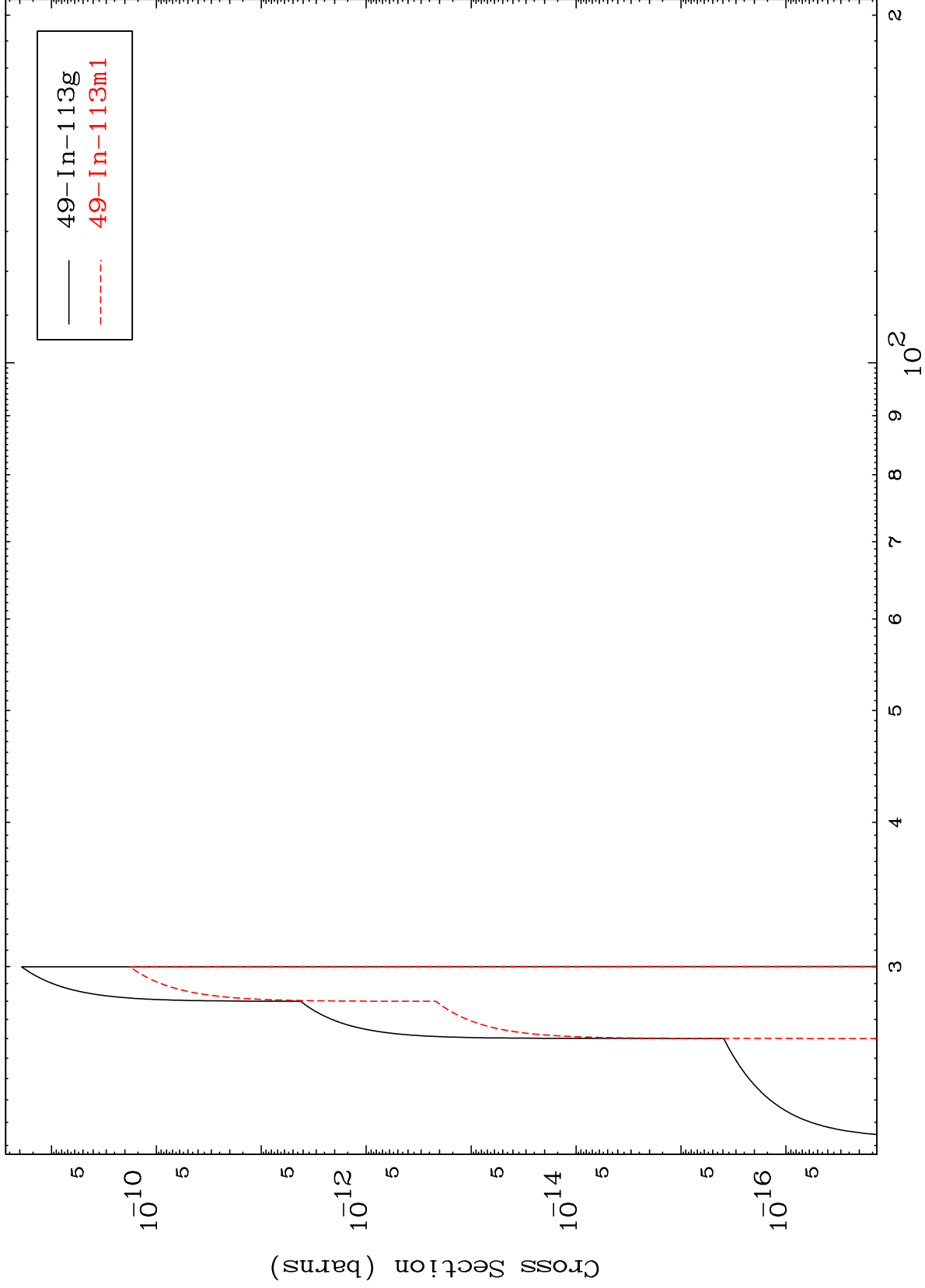


14

Incident Energy (MeV)

49-In-113

Radionuclide Production Cross Section

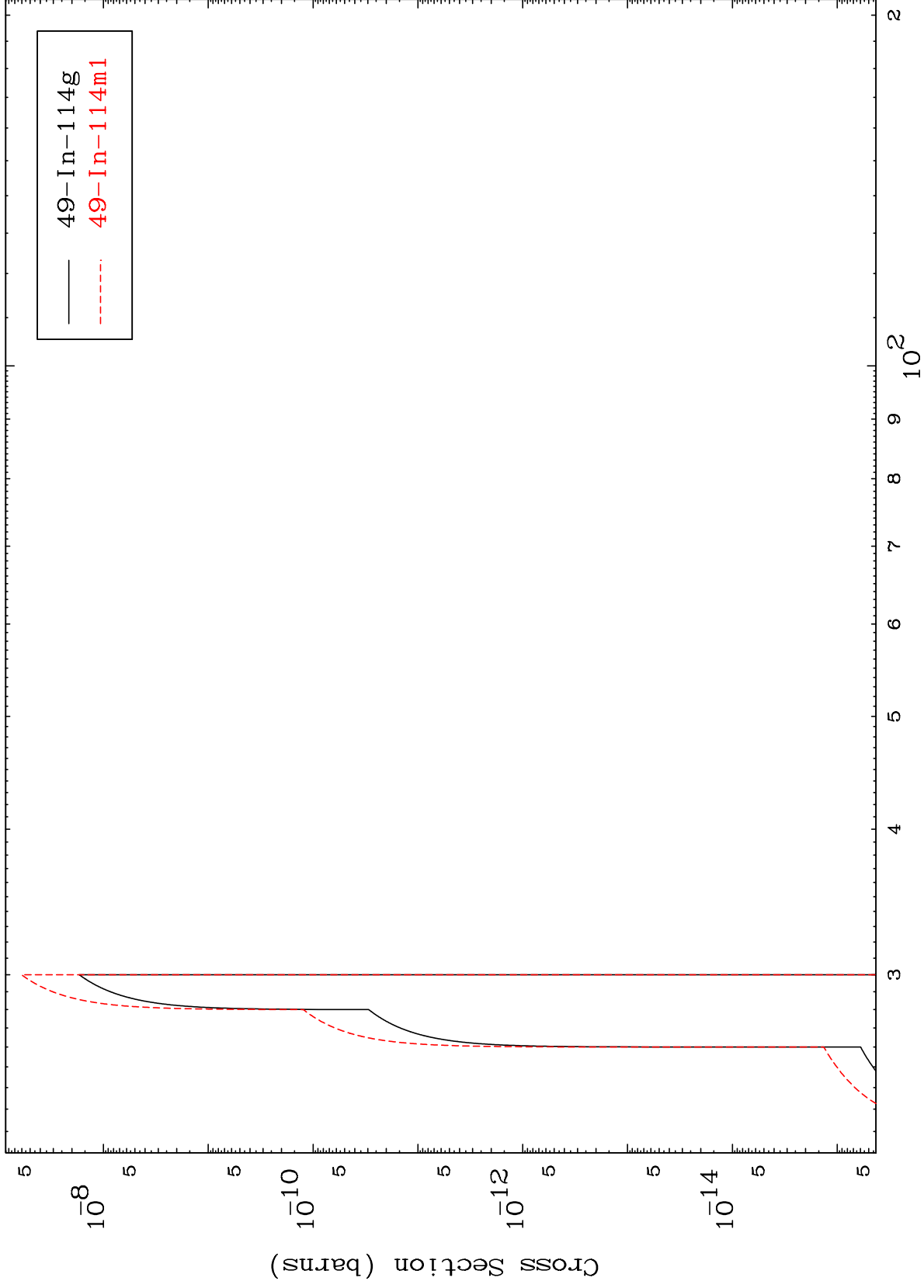


MAT 4925

($\alpha, 2n$) p

49-In-113

Radionuclide Production Cross Section



16

Incident Energy (MeV)

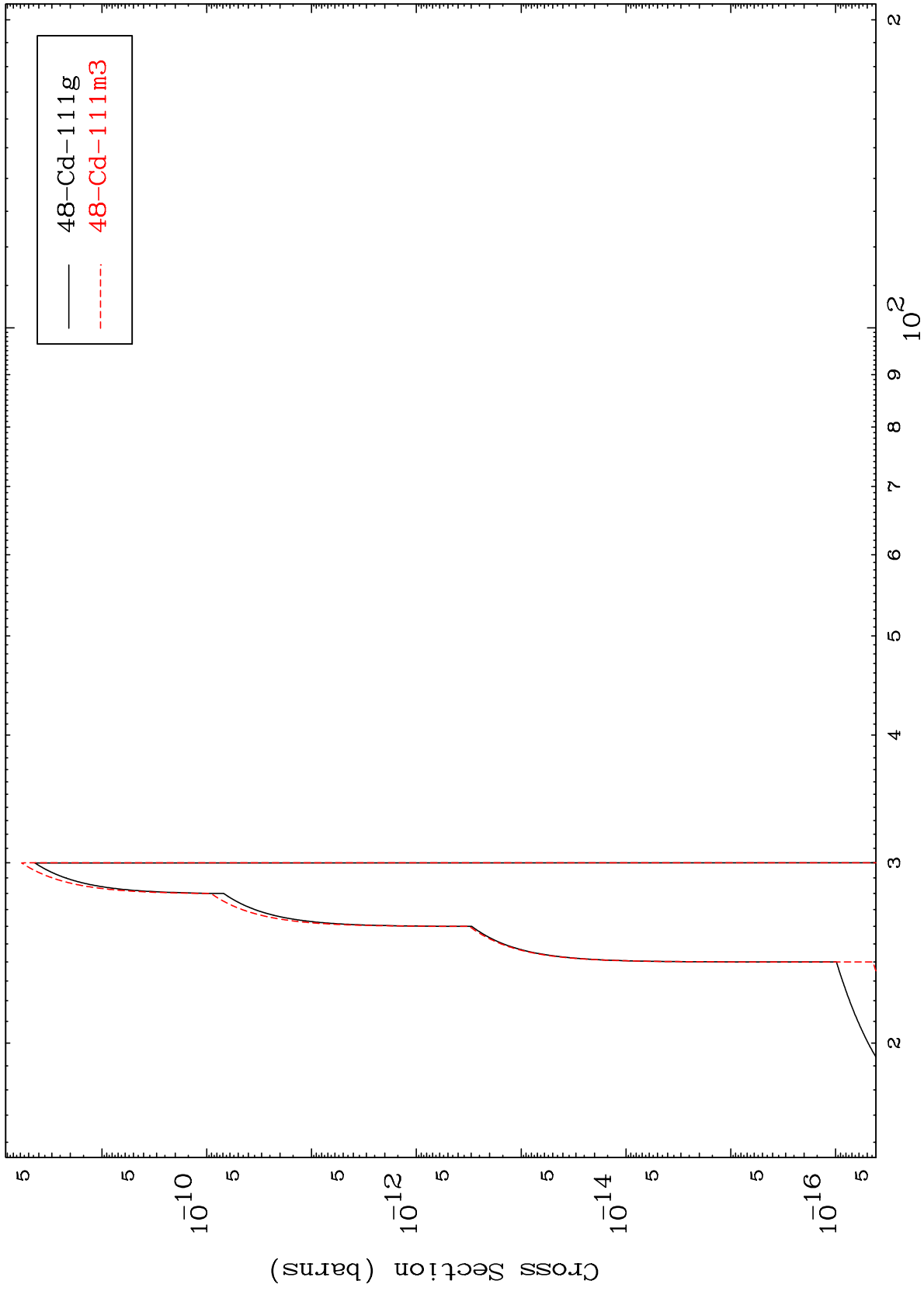
49-In-113

MAT 4925

(α, n') p α

49-In-113

Radionuclide Production Cross Section



17

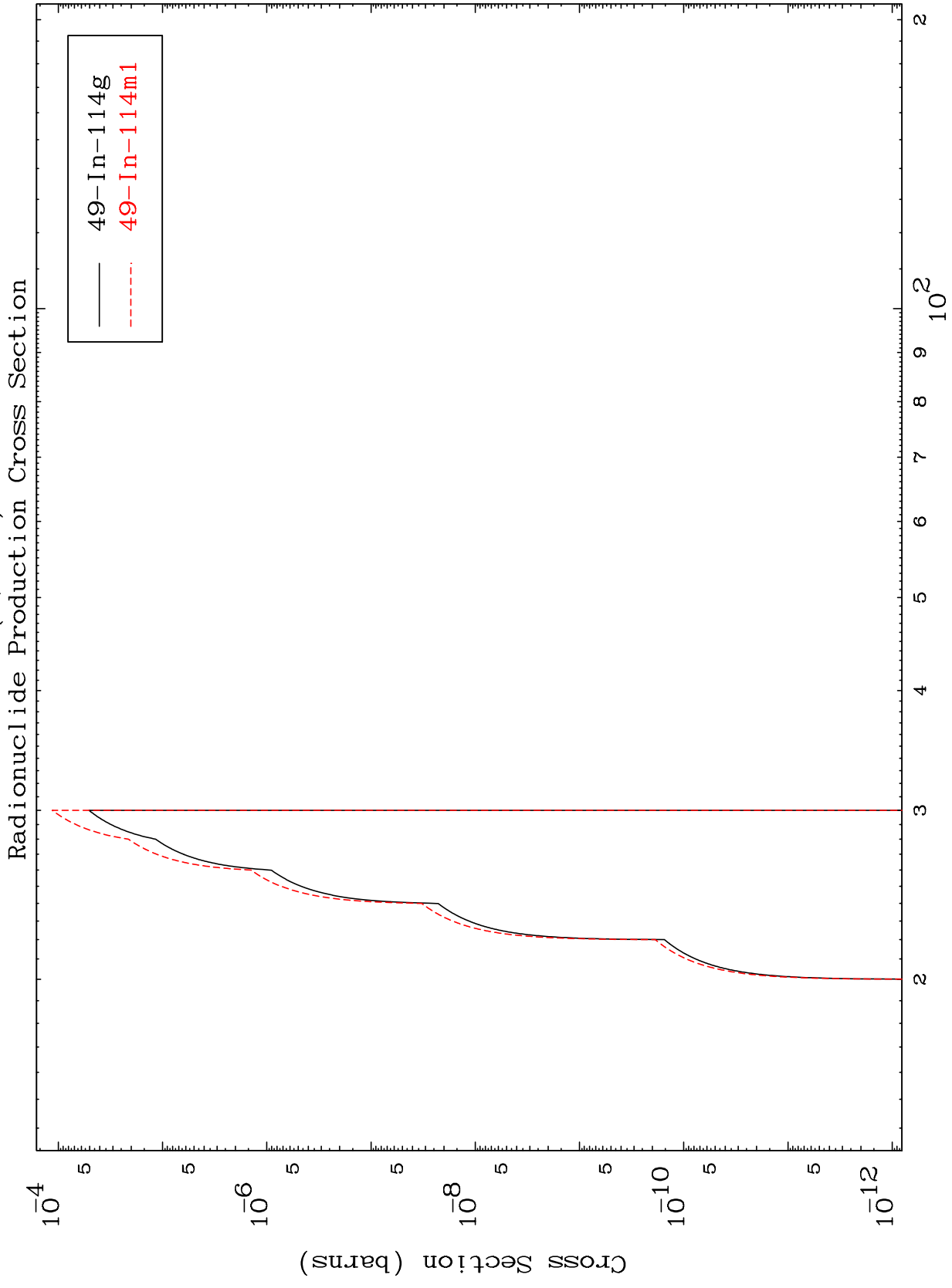
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



18

Incident Energy (MeV)

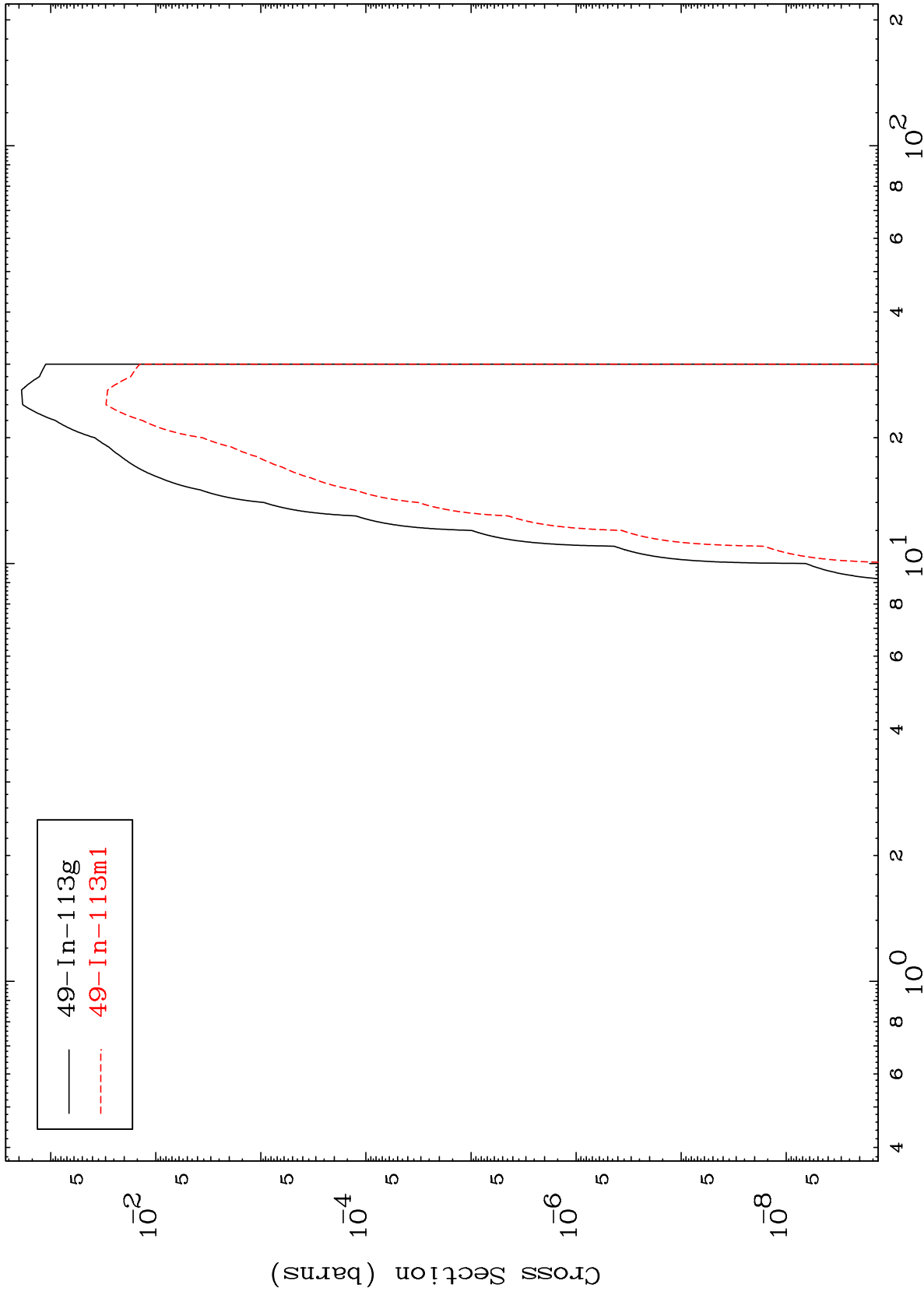
49-In-113

MAT 4925

(α, α)

49-In-113

Radionuclide Production Cross Section



— 49-In-113g
- - - 49-In-113m1

19

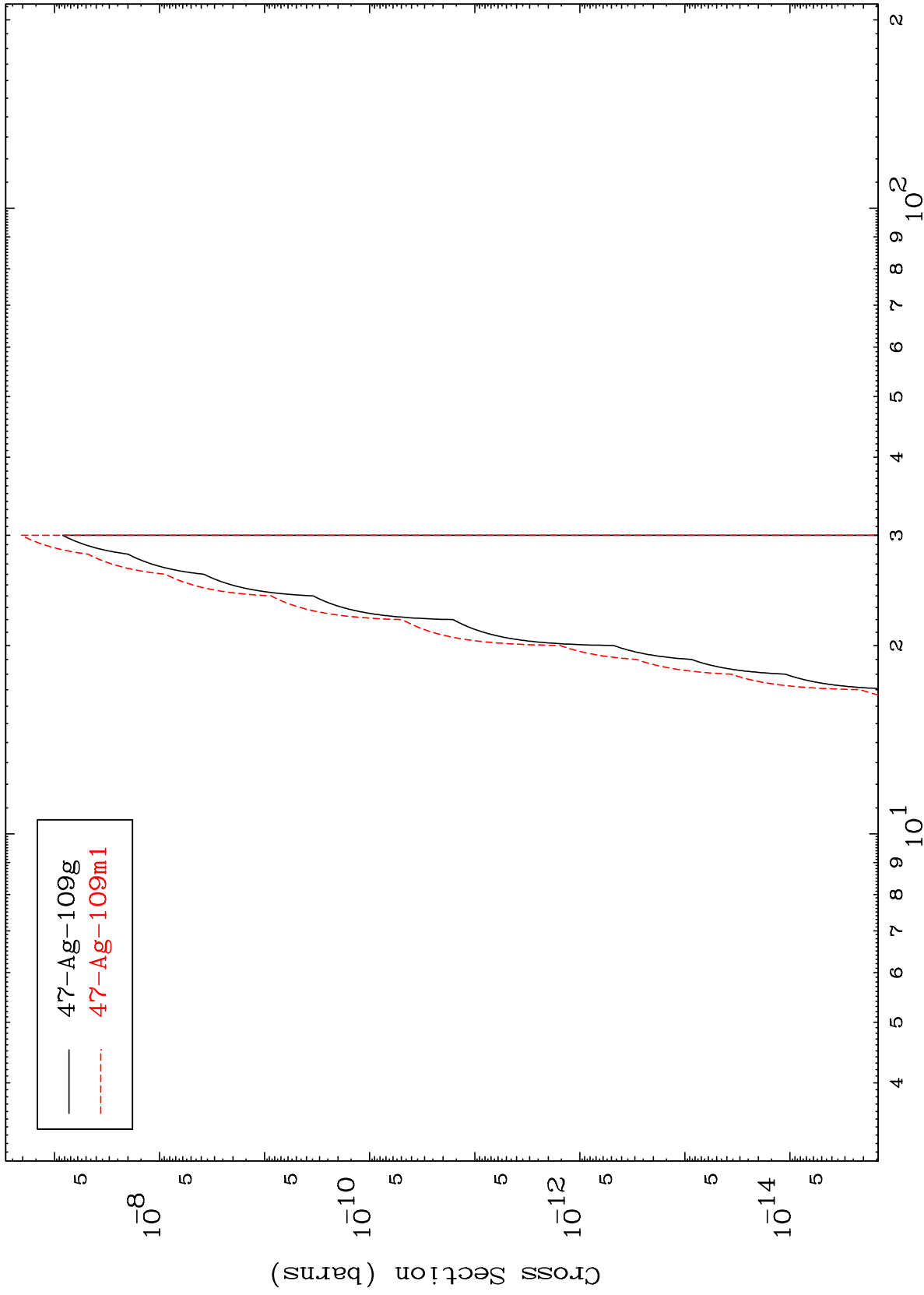
Incident Energy (MeV)

49-In-113

MAT 4925

49-In-113

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



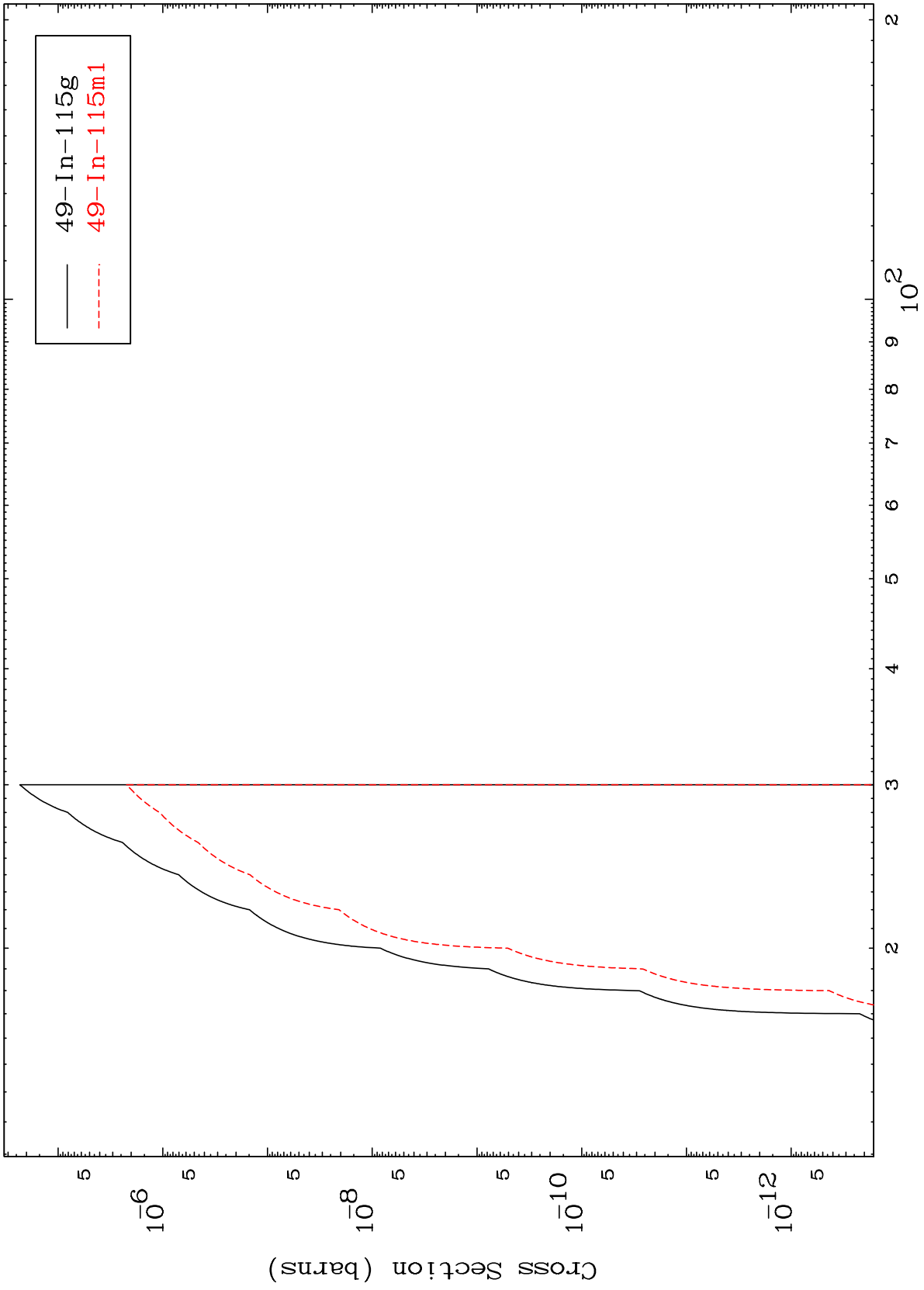
20

49-In-113

MAT 4925

49-In-113

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



21

49-In-113

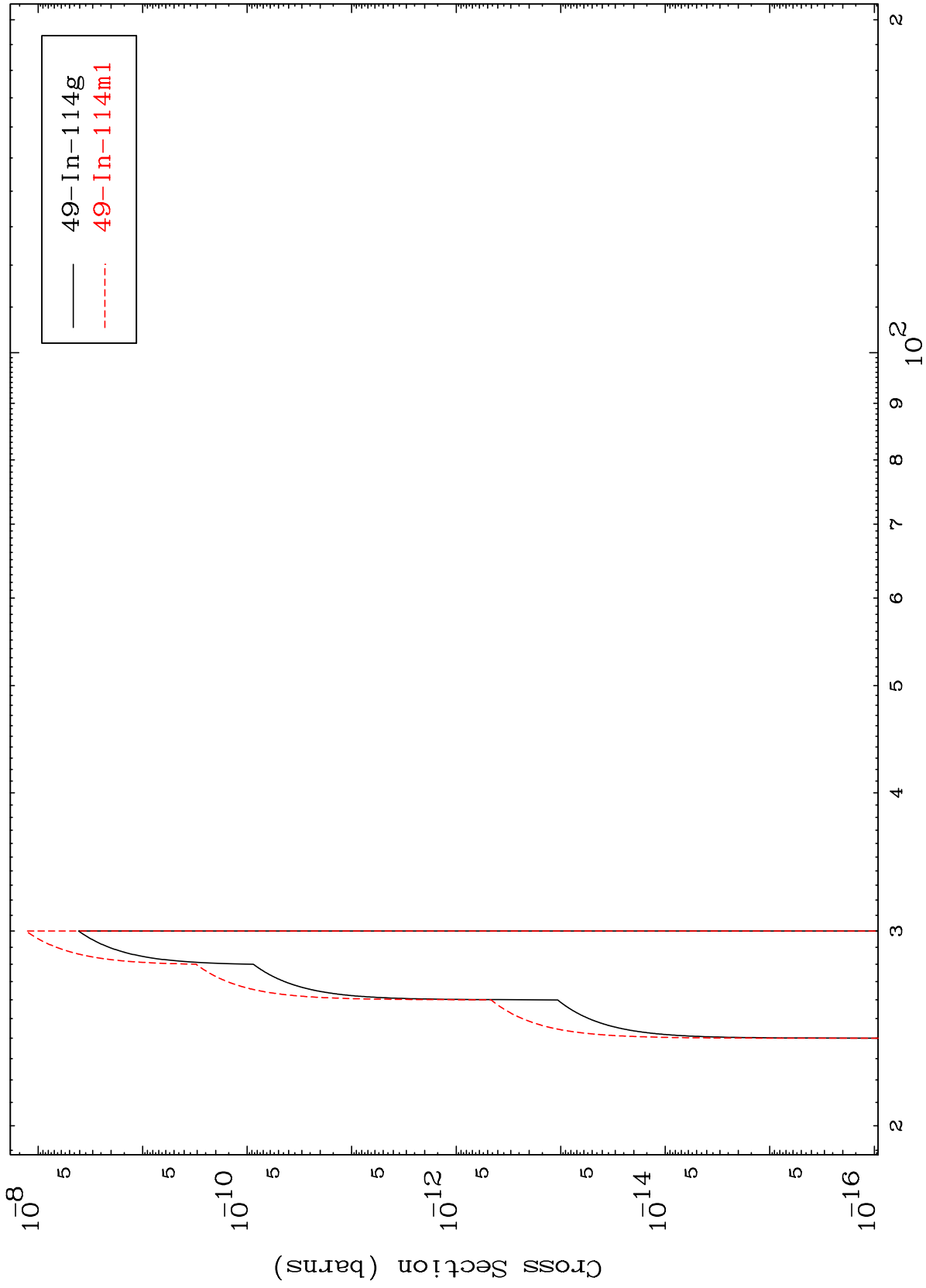
Incident Energy (MeV)

MAT 4925

(α, p) d

49-In-113

Radionuclide Production Cross Section



22

Incident Energy (MeV)

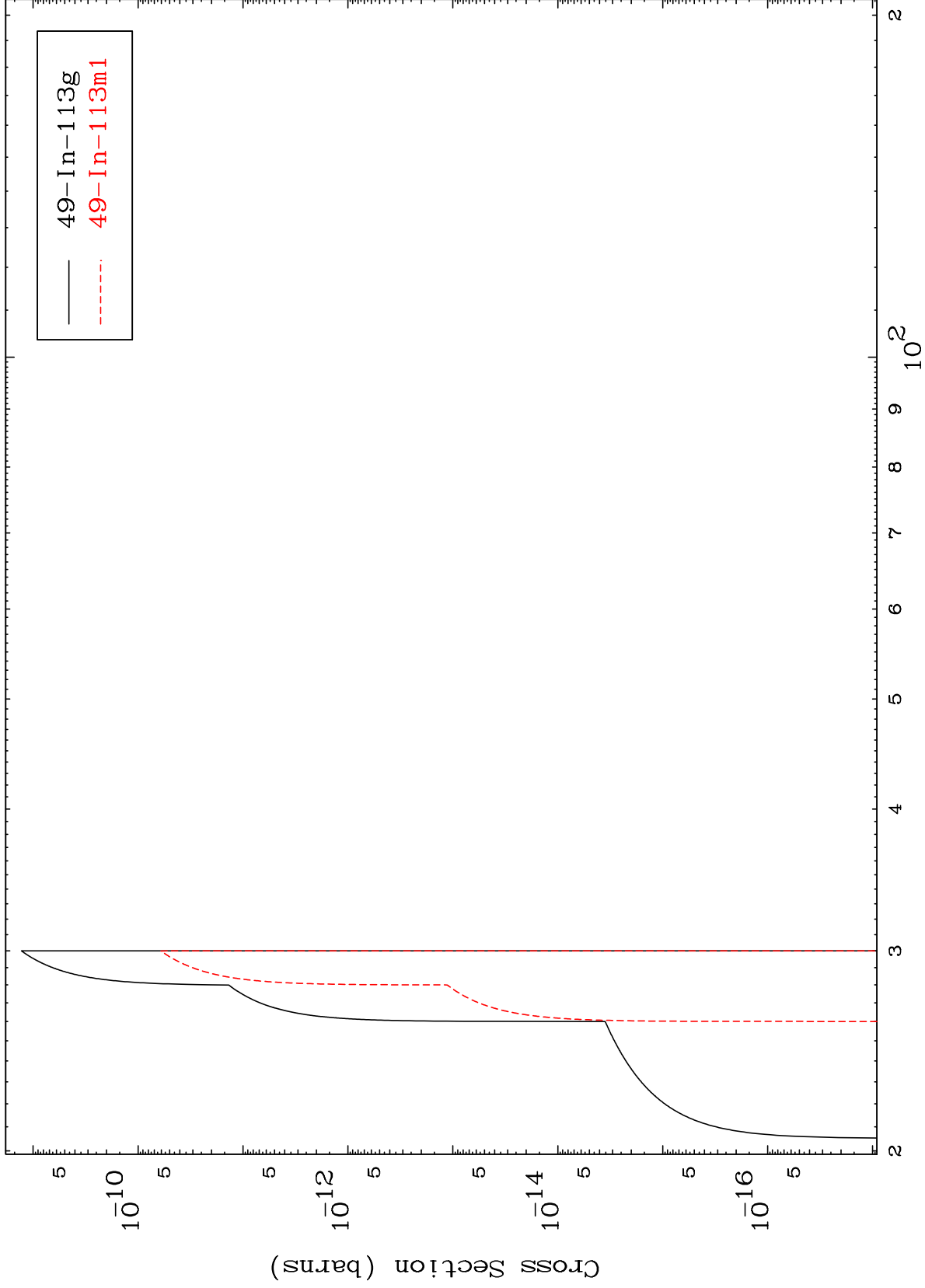
49-In-113

MAT 4925

(α, p) t

49-In-113

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-113