

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

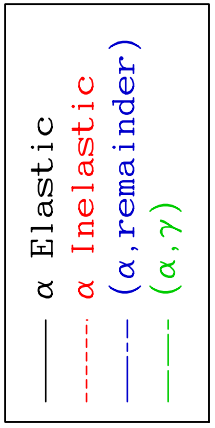
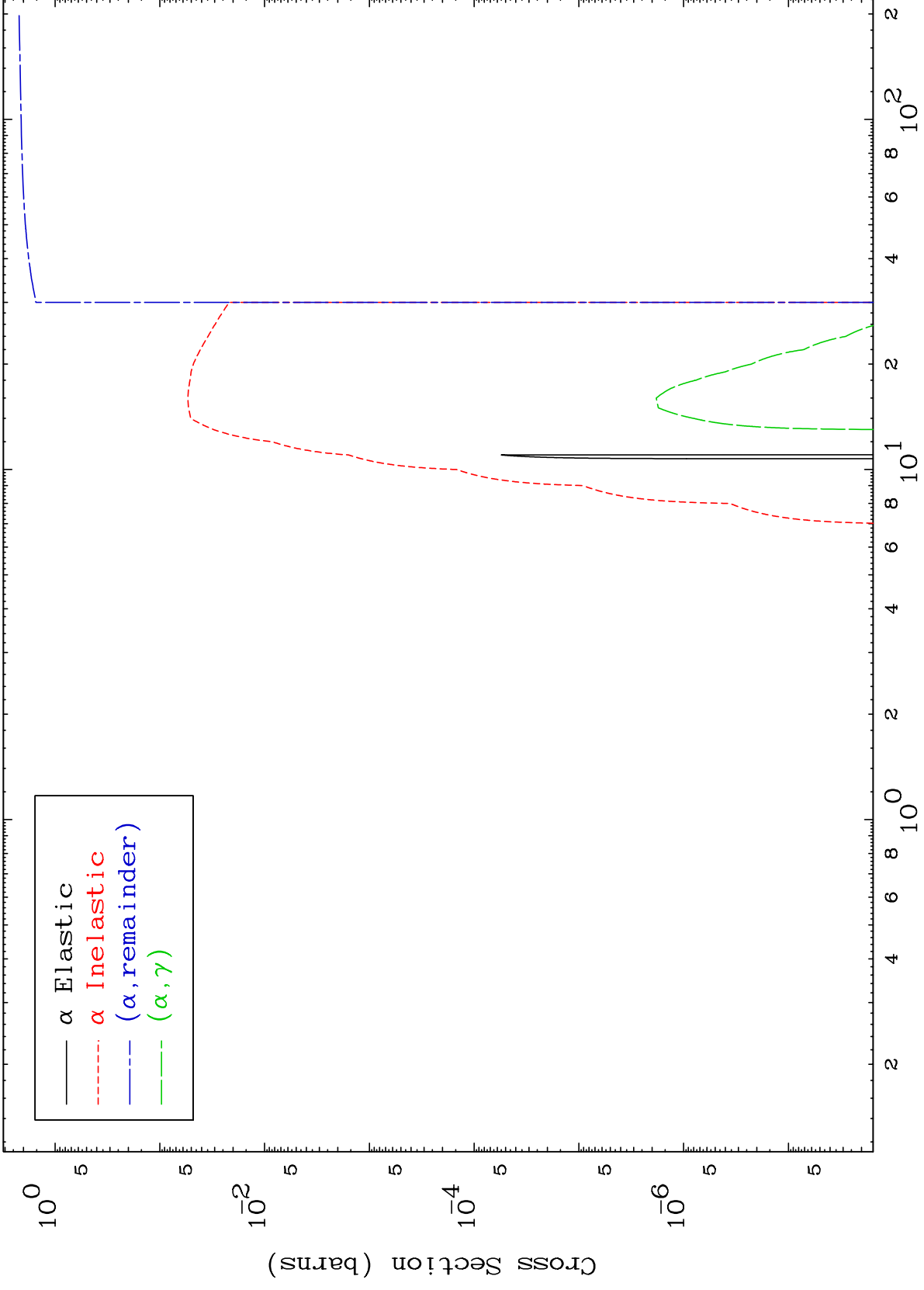
Press Mouse Button to Start

MAT 4865

α Major

48-Cd-119

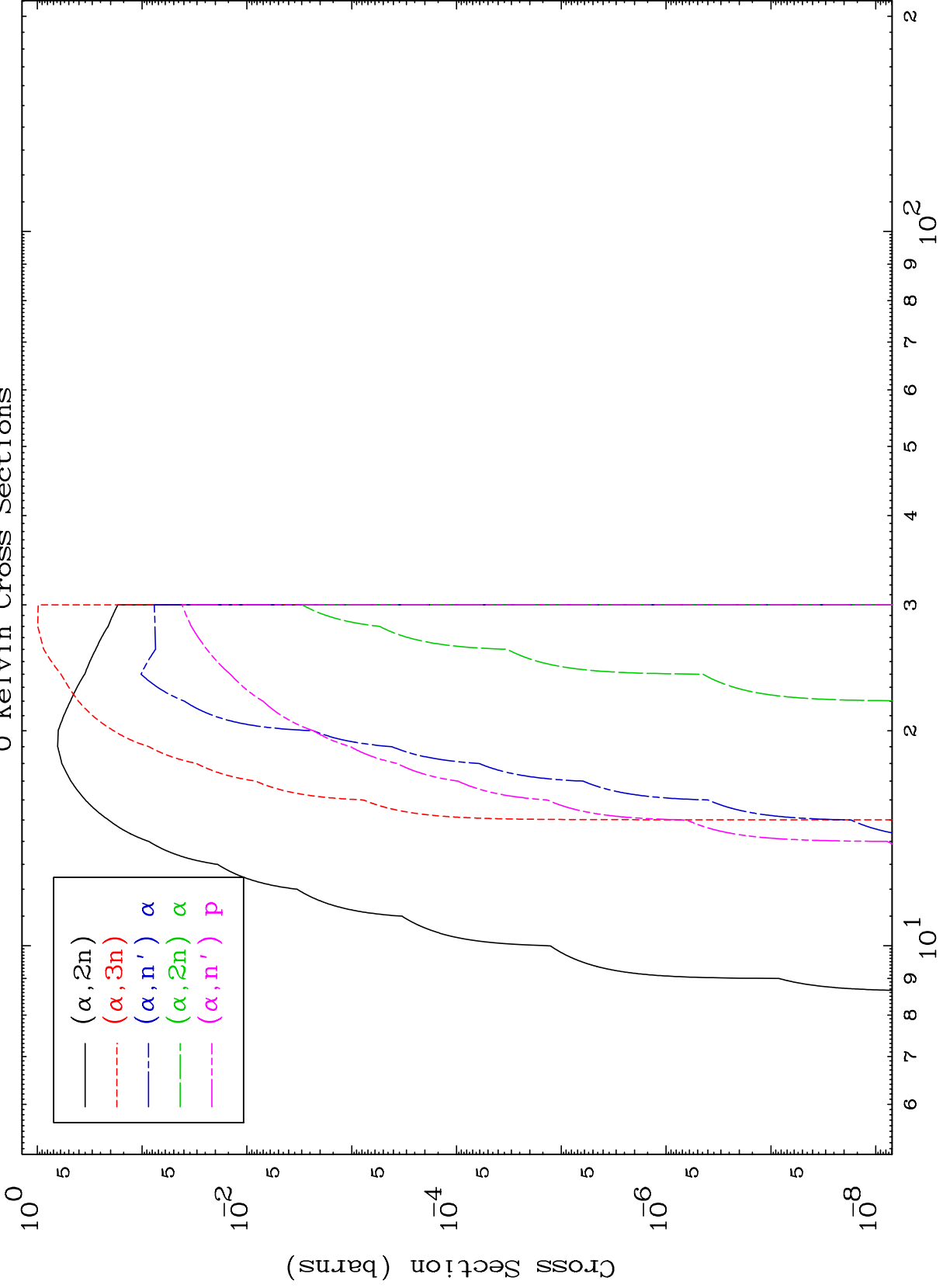
0 Kelvin Cross Sections

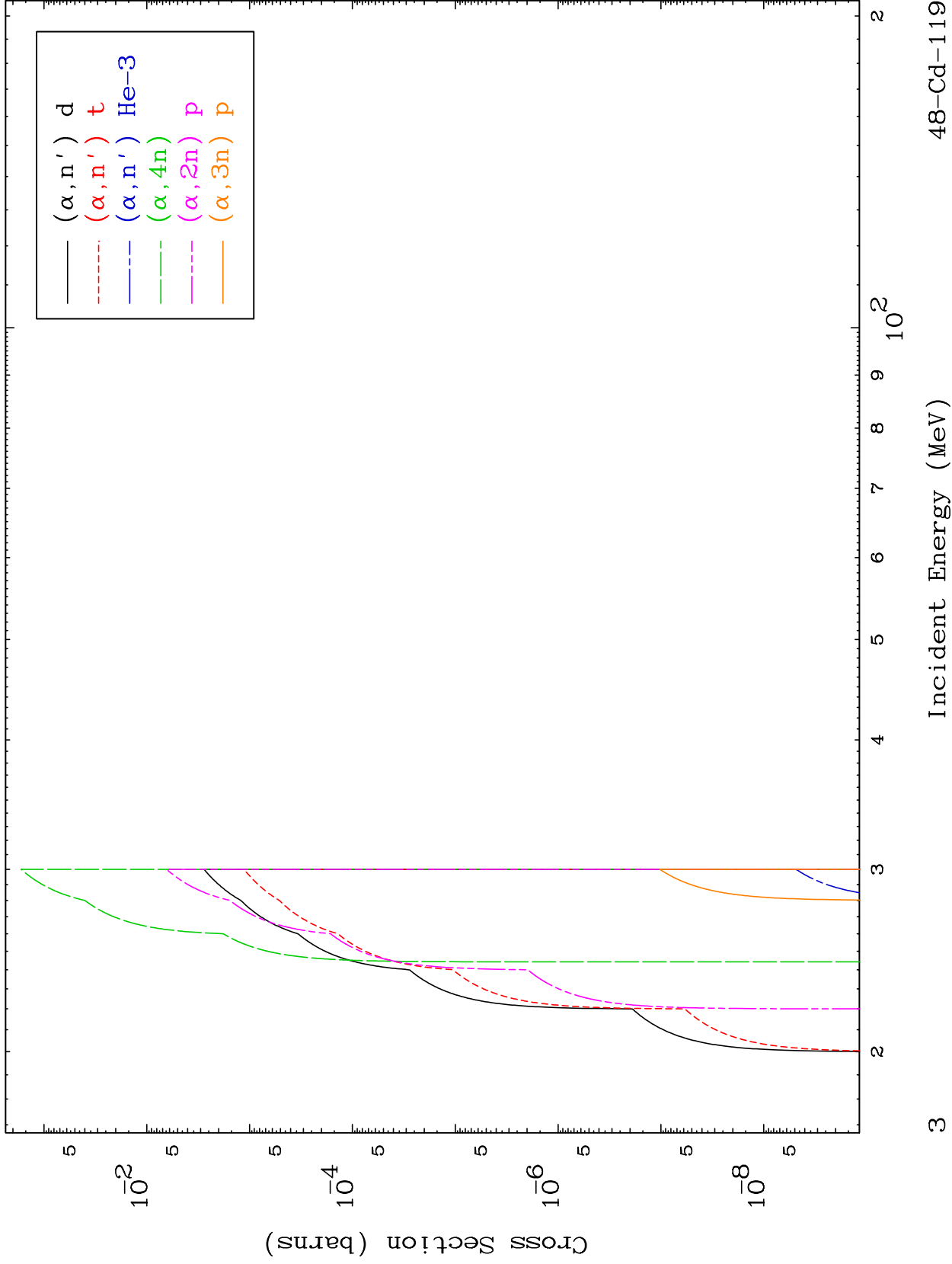


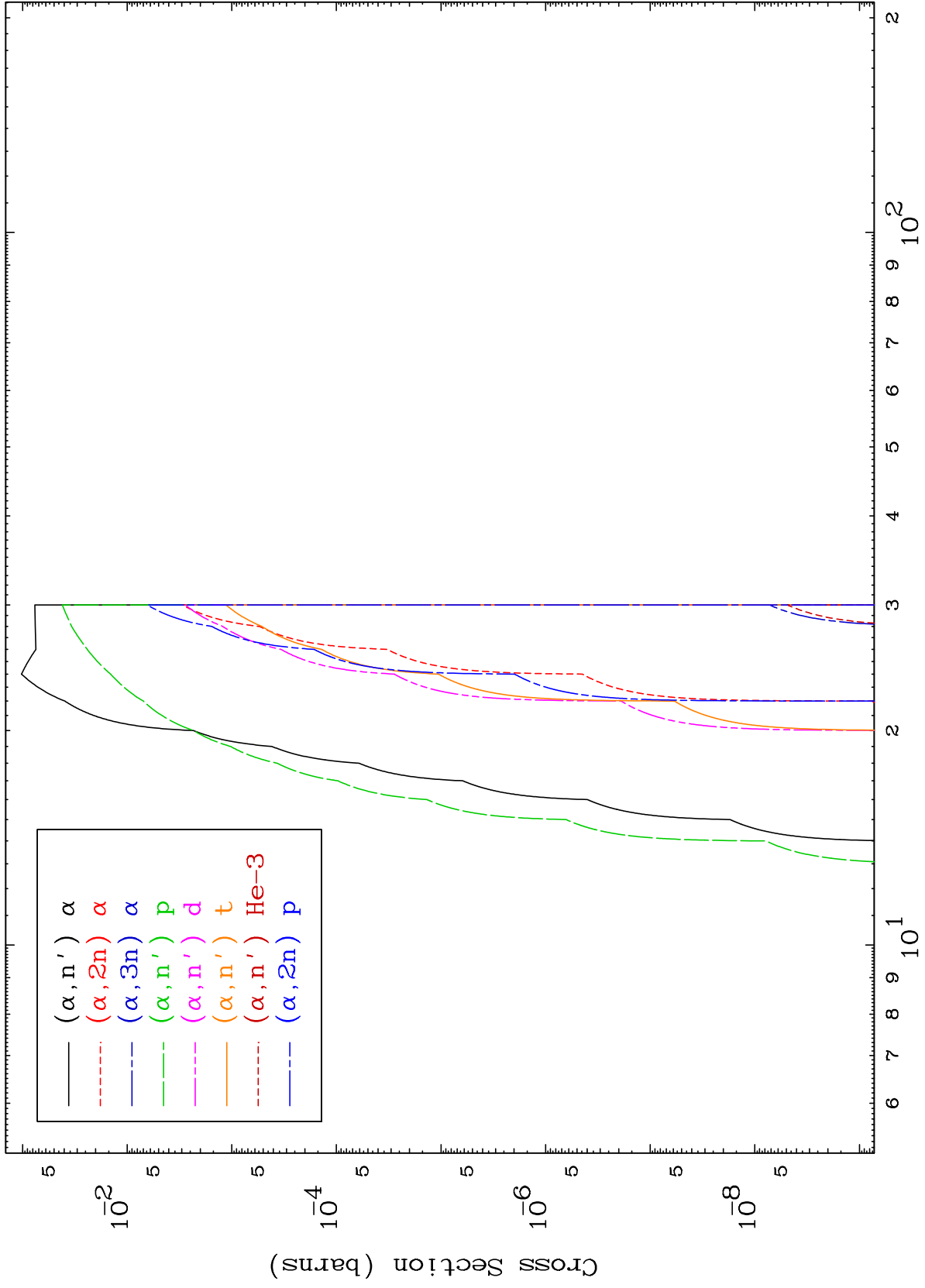
MAT 4865

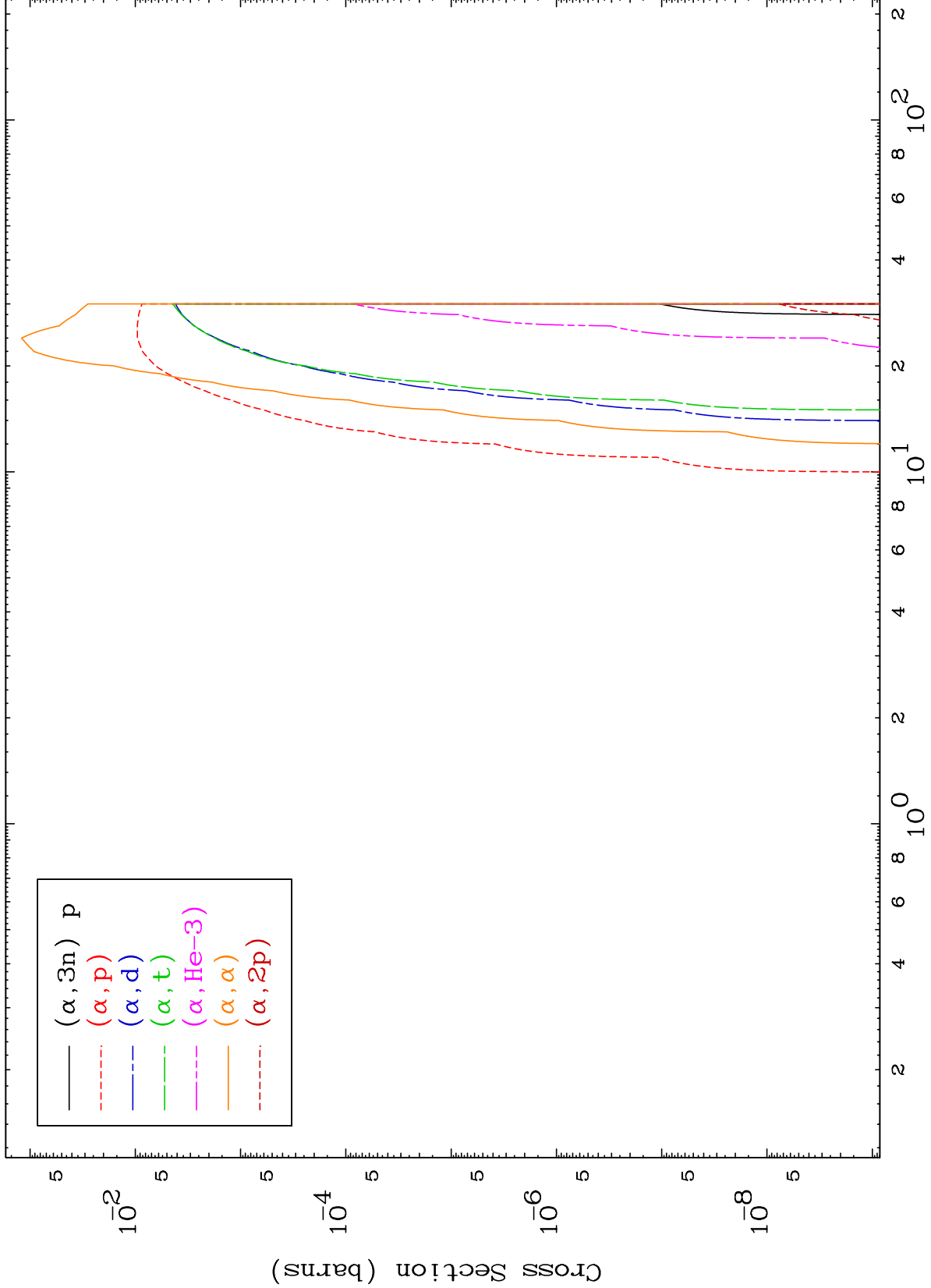
α Neutron Production
0 Kelvin Cross Sections

48-Cd-119







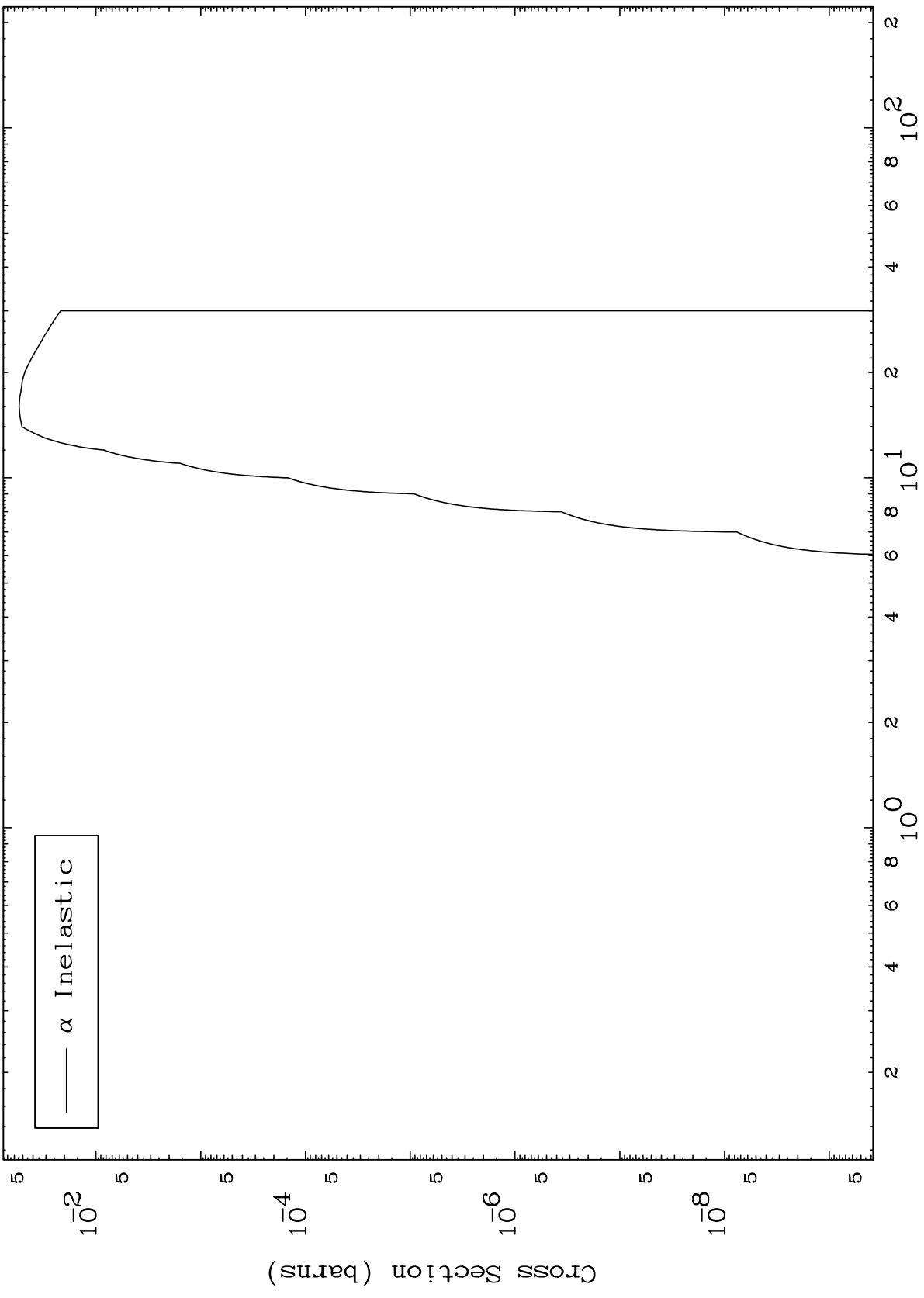


MAT 4865

(α, n') Level

48-Cd-119

0 Kelvin Cross Sections

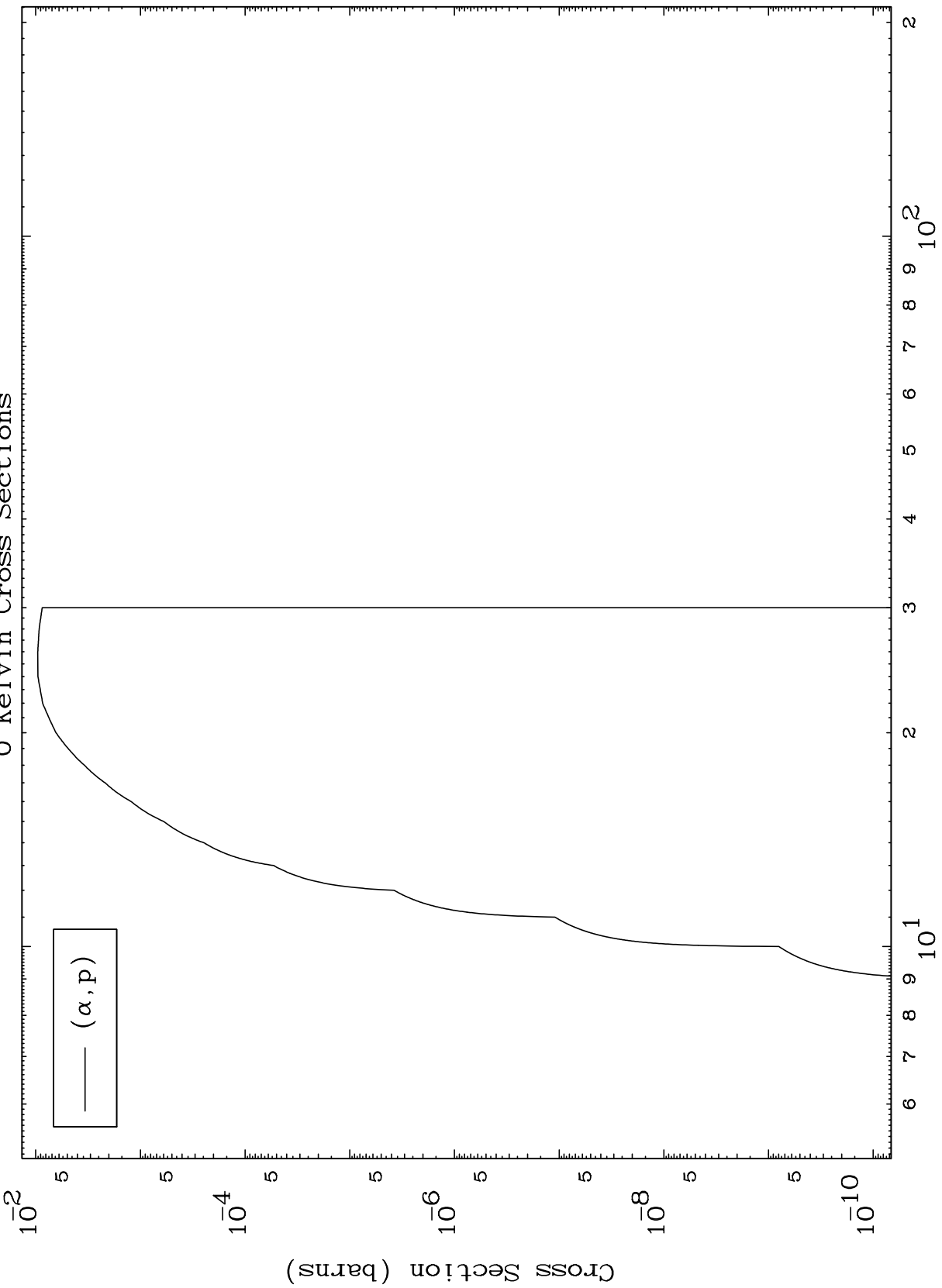


MAT 4865

(α, p) Levels

48-Cd-119

0 Kelvin Cross Sections



7

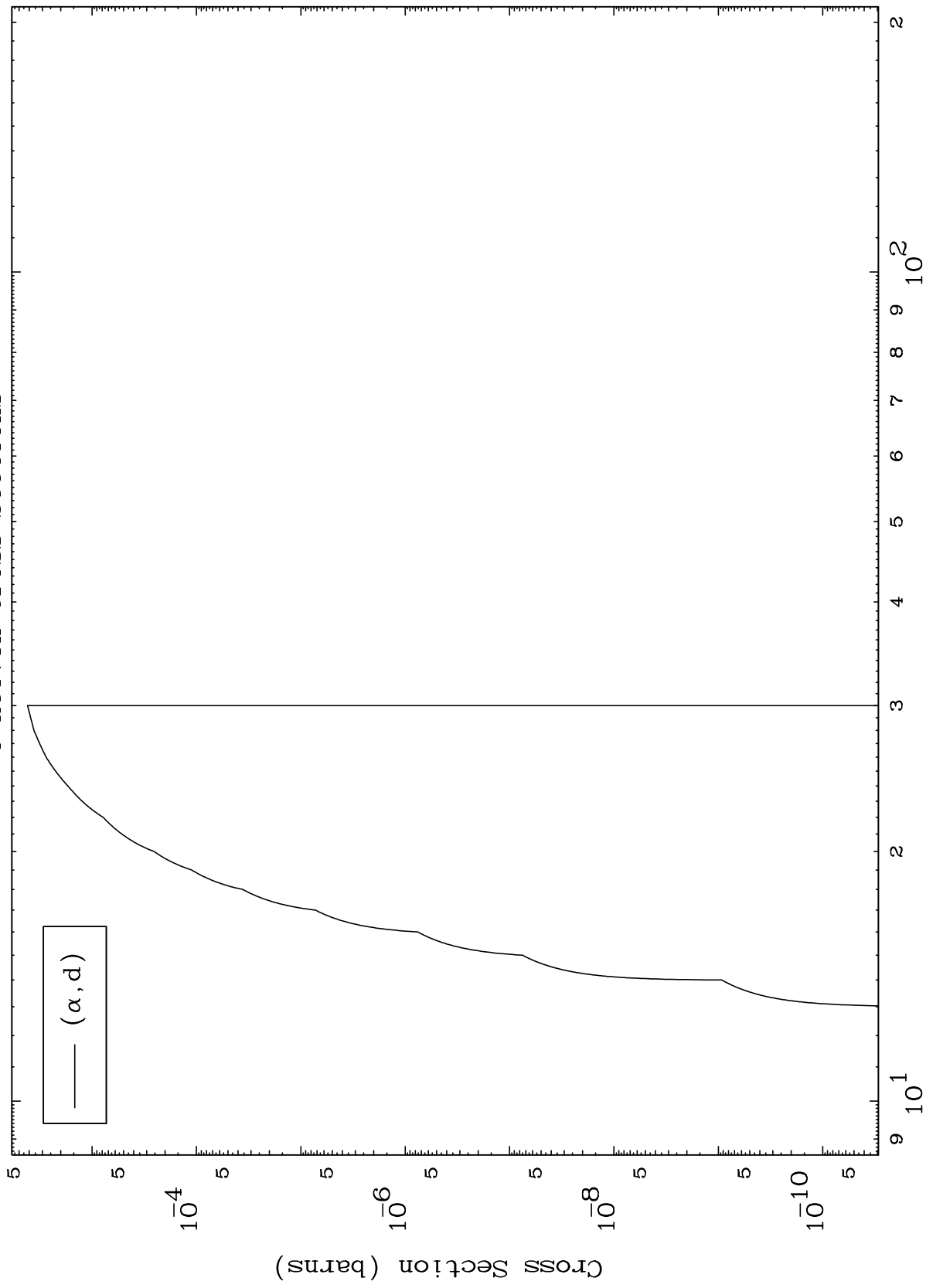
Incident Energy (MeV)

48-Cd-119

MAT 4865

48-Cd-119

(α, d) Levels
0 Kelvin Cross Sections



48-Cd-119

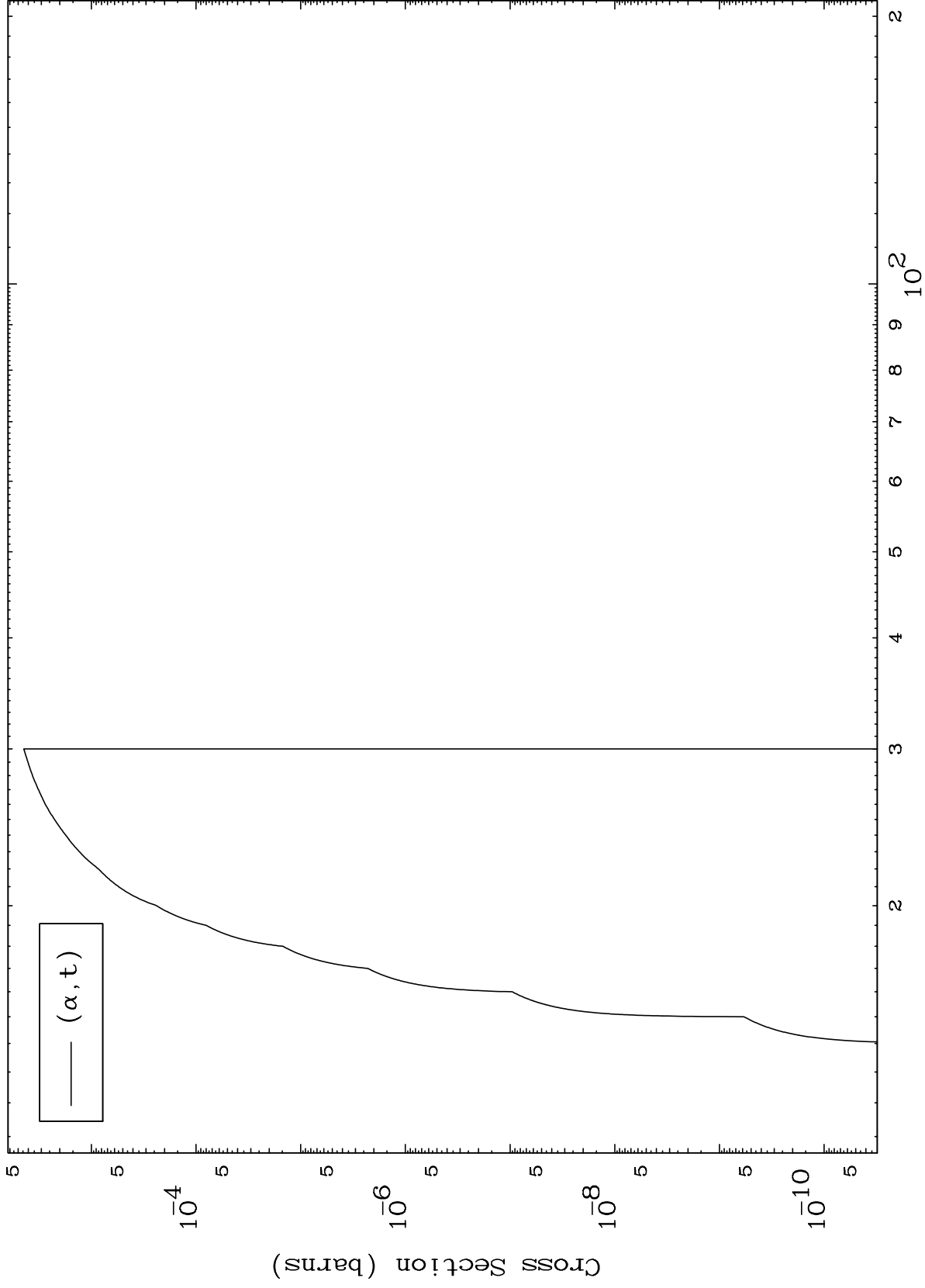
Incident Energy (MeV)

8

MAT 4865

(α, t) Levels
0 Kelvin Cross Sections

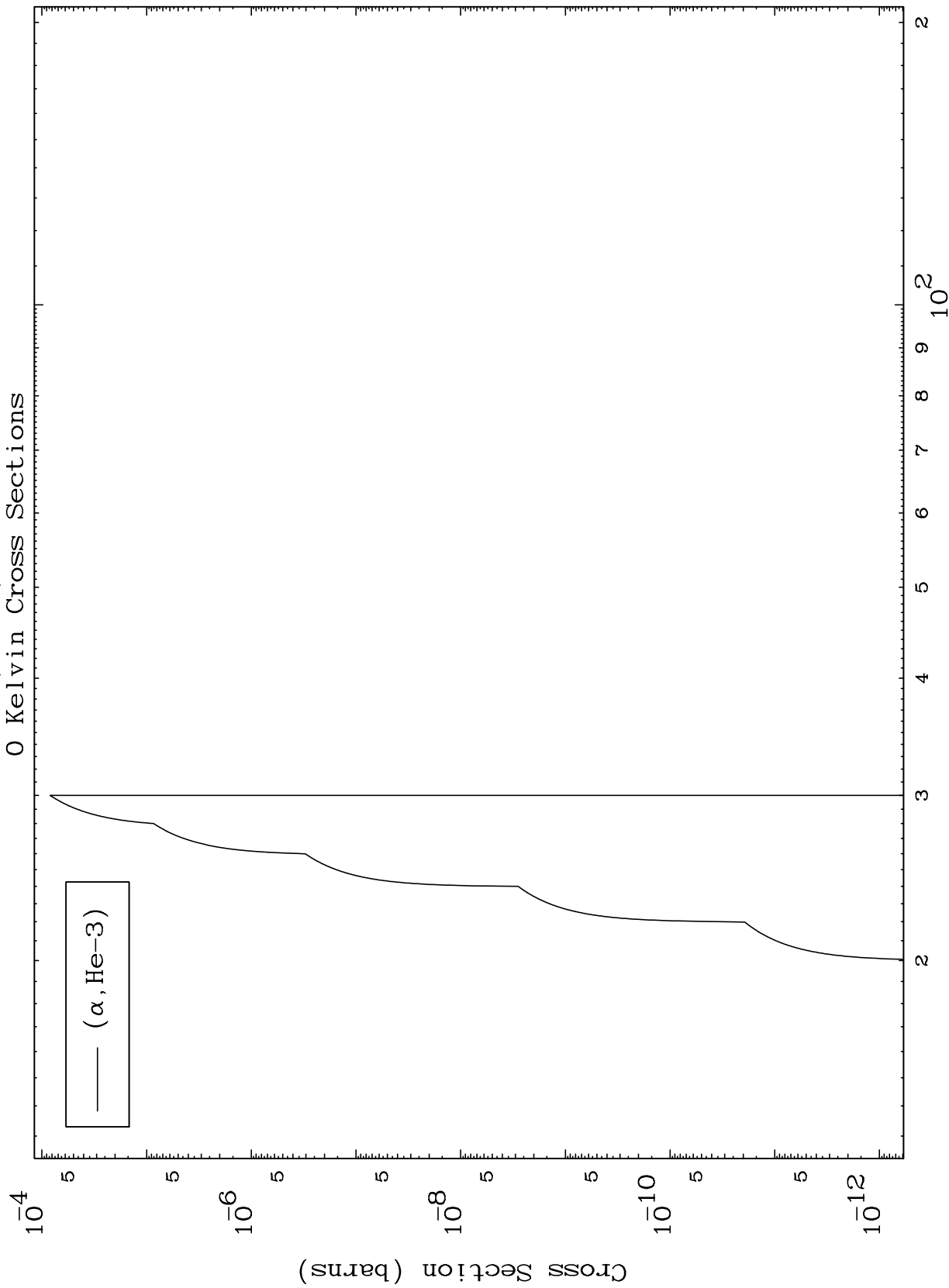
48-Cd-119



MAT 4865

48-Cd-119

(α ,He3) Levels
0 Kelvin Cross Sections



48-Cd-119

Incident Energy (MeV)

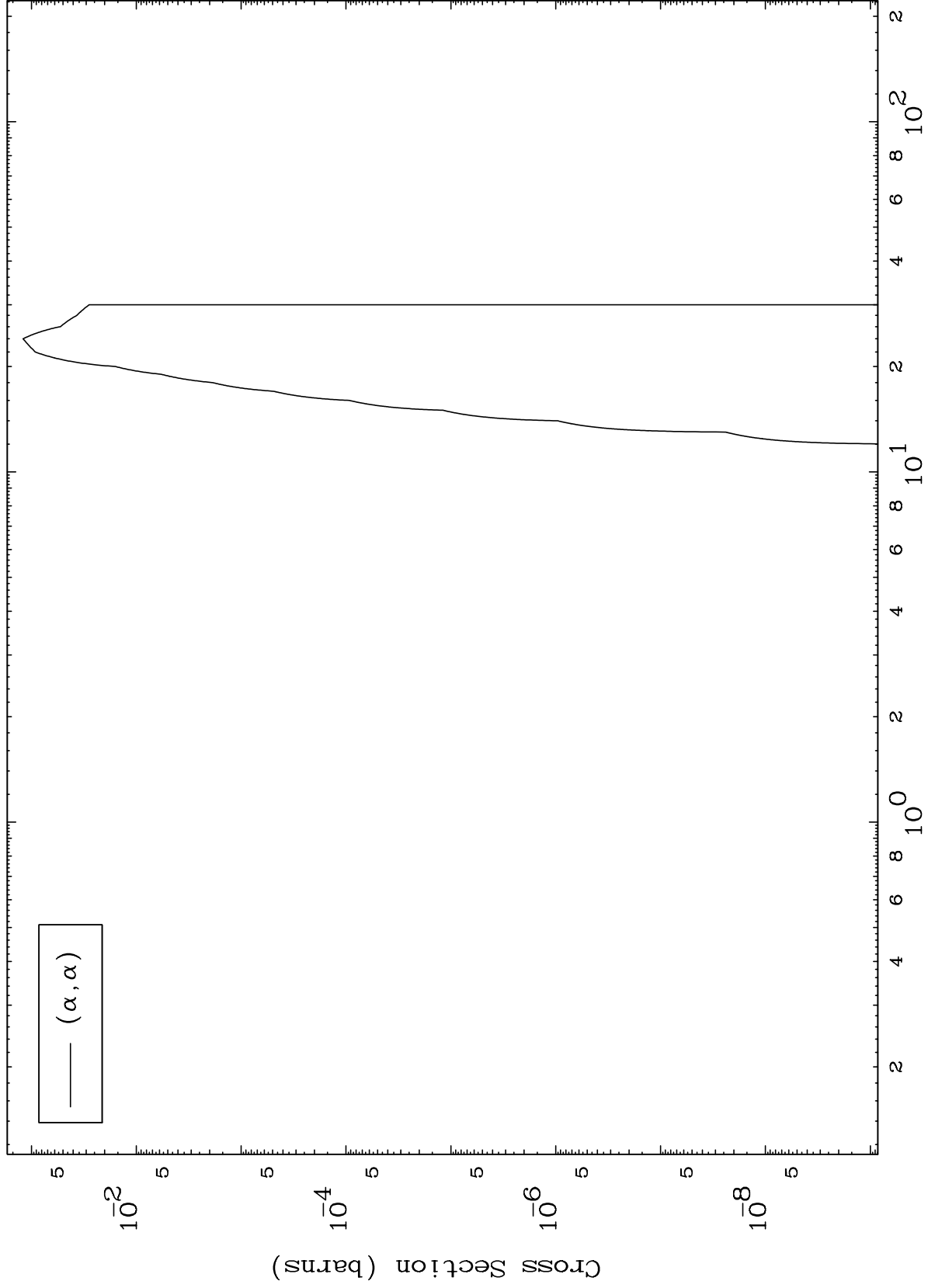
10

MAT 4865

(α, α) Levels

48-Cd-119

0 Kelvin Cross Sections



11

Incident Energy (MeV)

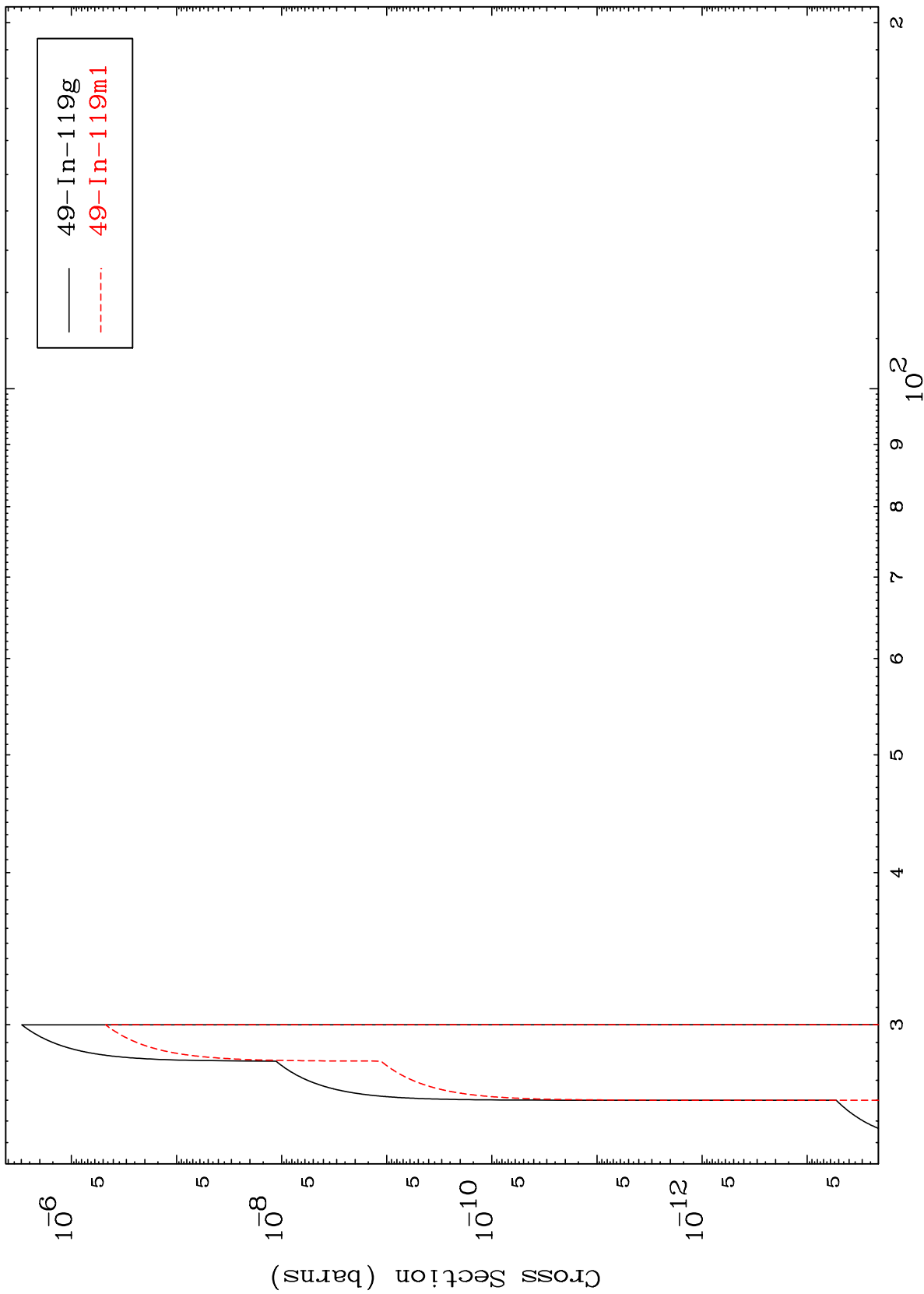
48-Cd-119

MAT 4865

($\alpha, 2n$) d

48-Cd-119

Radionuclide Production Cross Section



12

Incident Energy (MeV)

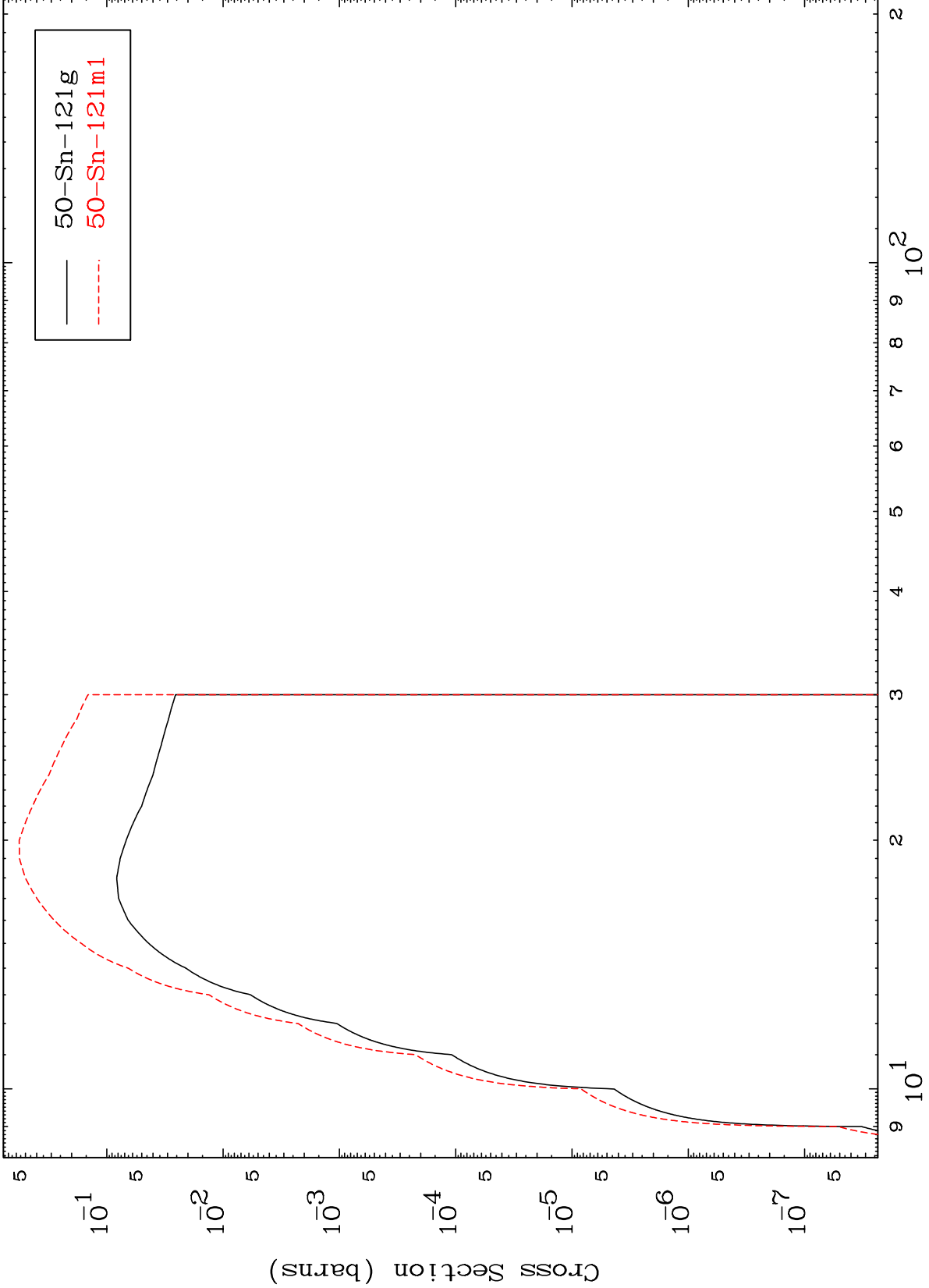
48-Cd-119

MAT 4865

($\alpha, 2n$)

48-Cd-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

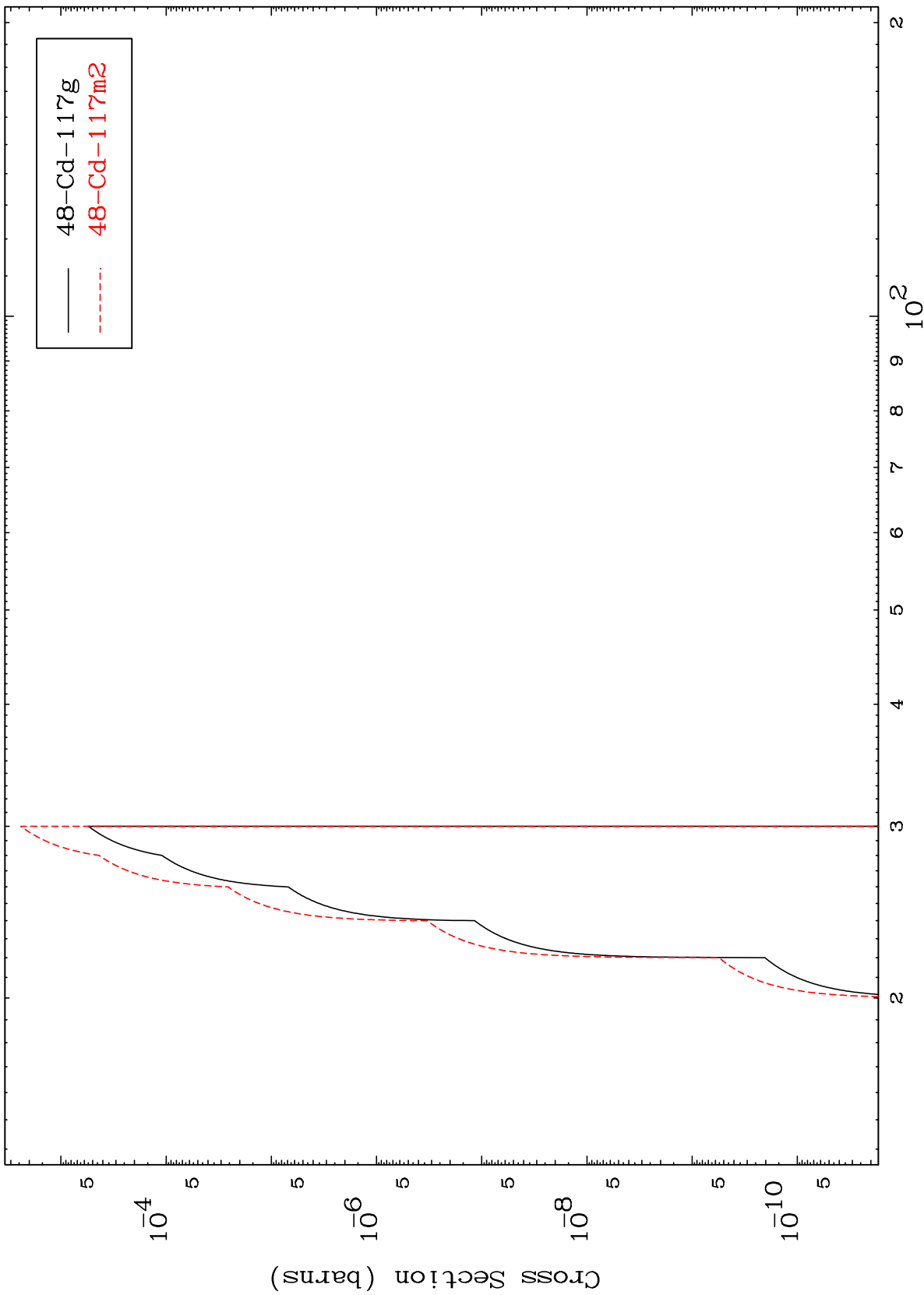
48-Cd-119

MAT 4865

$(\alpha, 2n)$ α

48-Cd-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

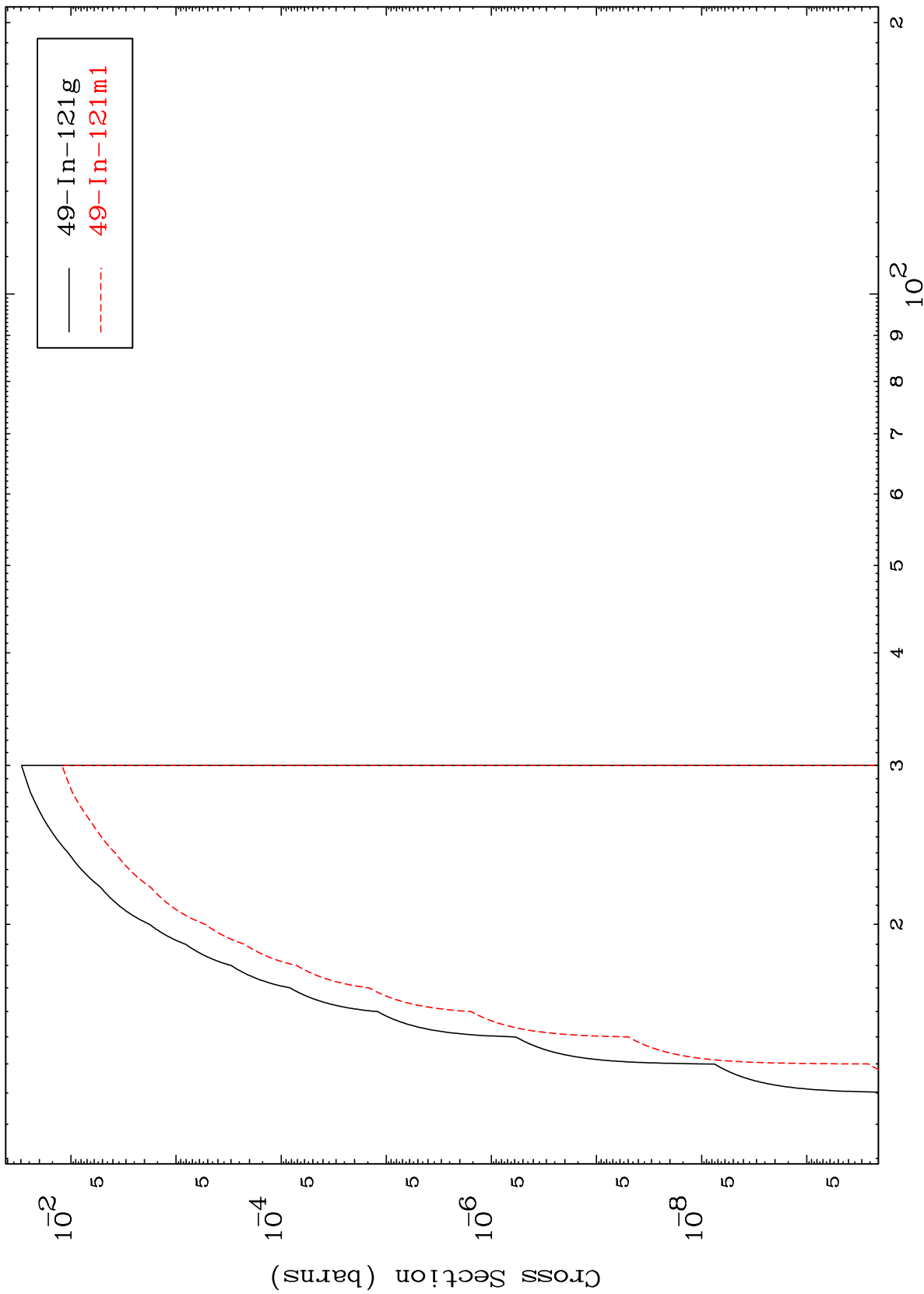
48-Cd-119

MAT 4865

(α, n') p

48-Cd-119

Radionuclide Production Cross Section

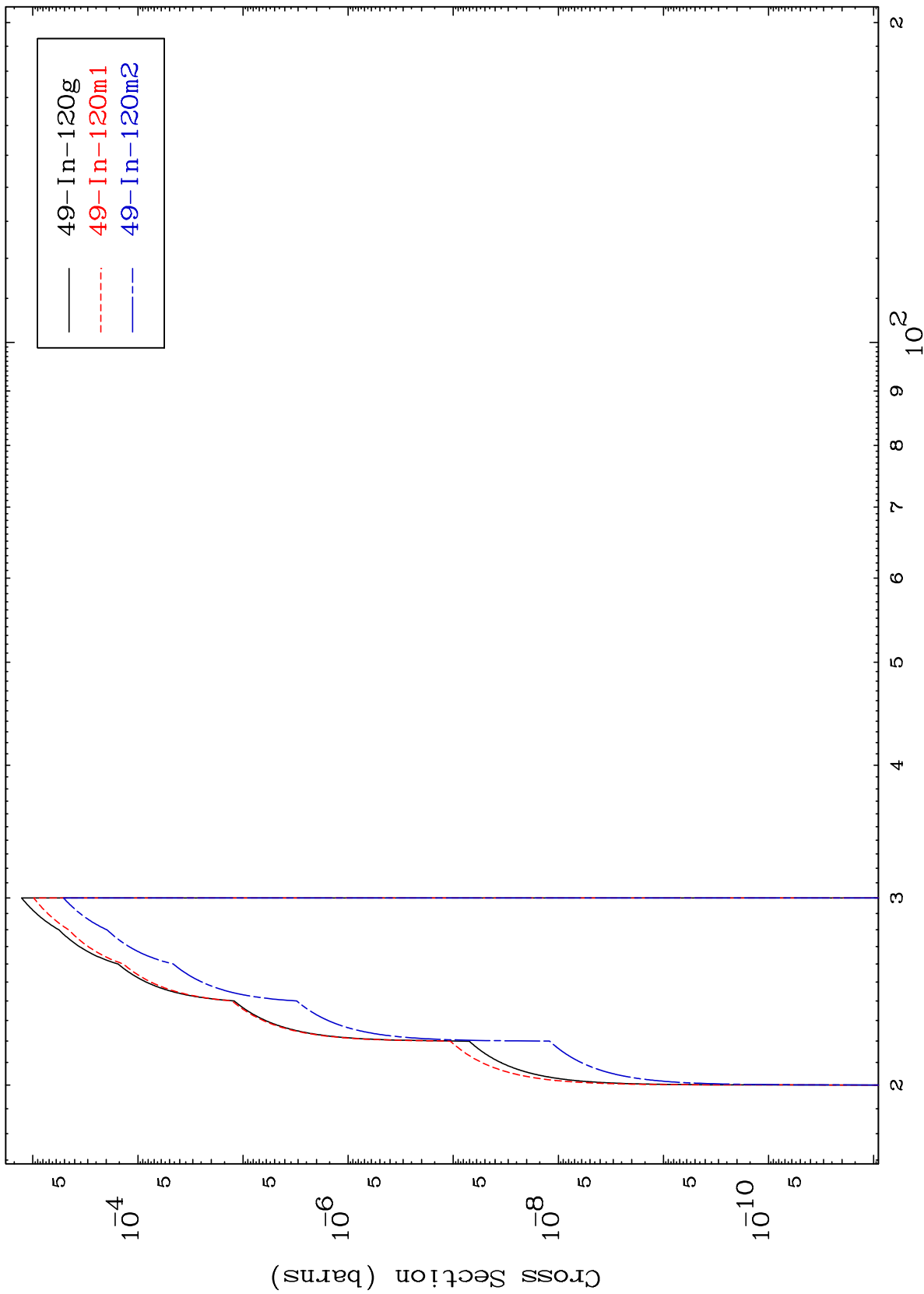


15

Incident Energy (MeV)

48-Cd-119

Radionuclide Production Cross Section

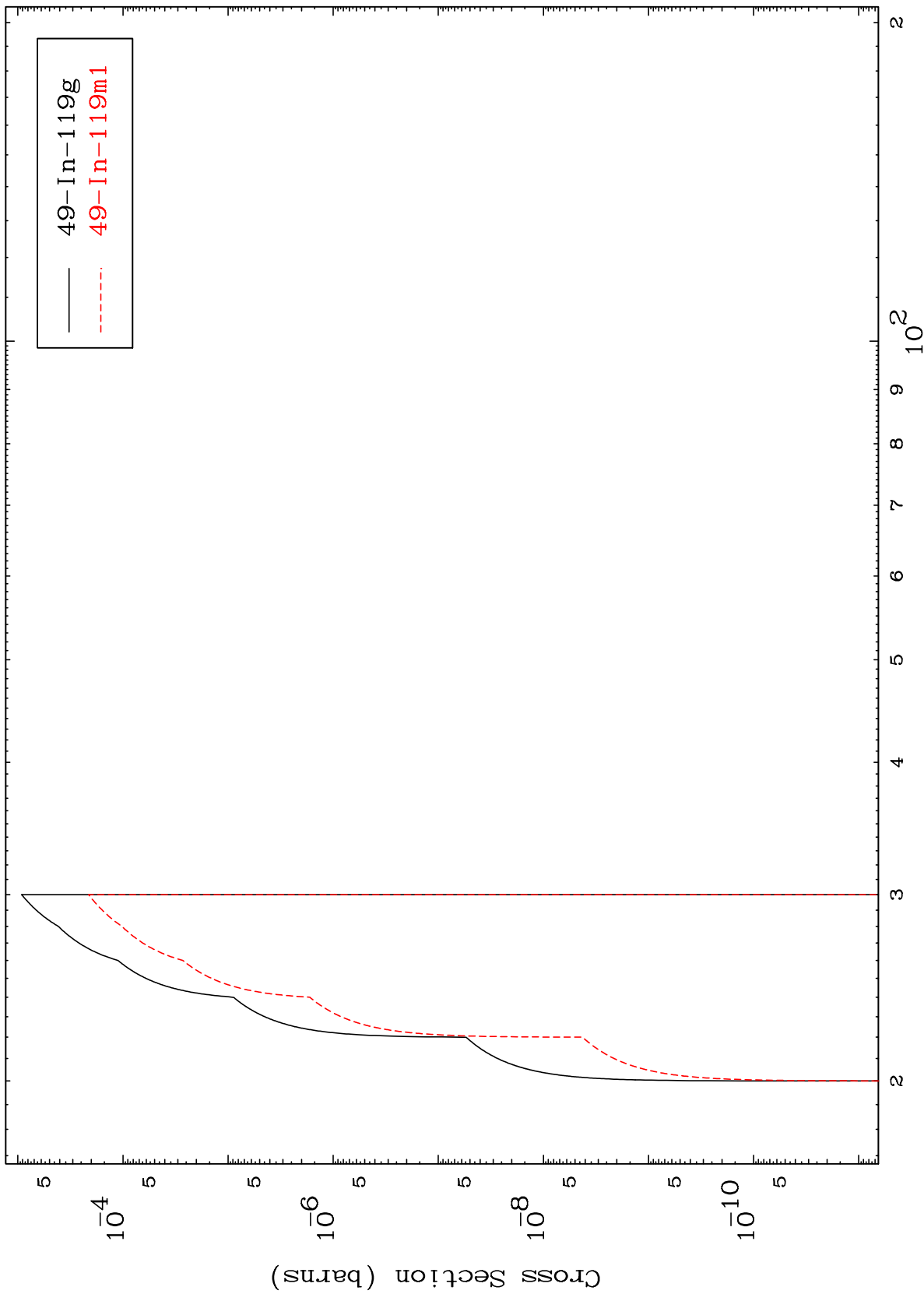


MAT 4865

(α, n') t

48-Cd-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

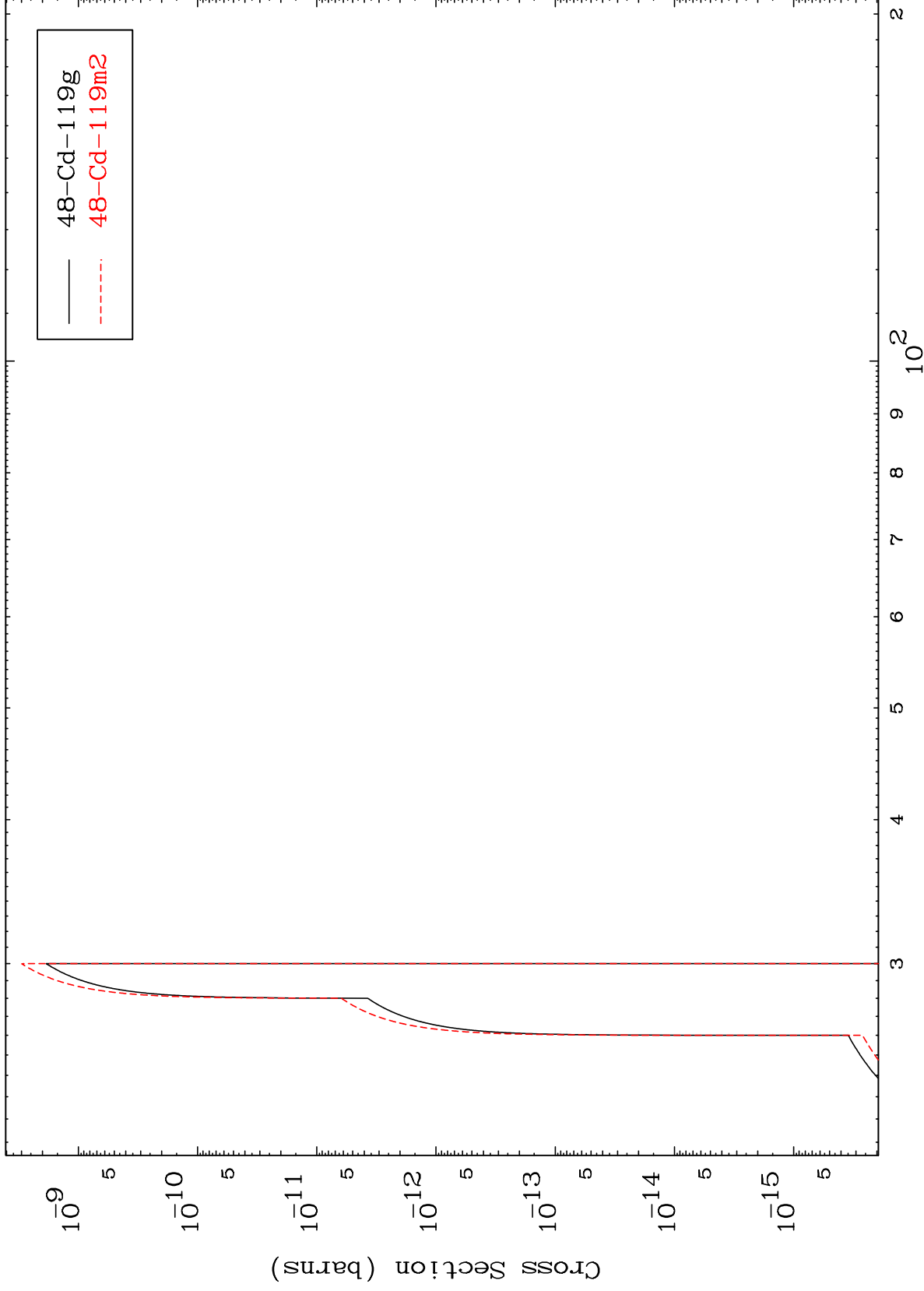
48-Cd-119

MAT 4865

(α, n') He-3

48-Cd-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

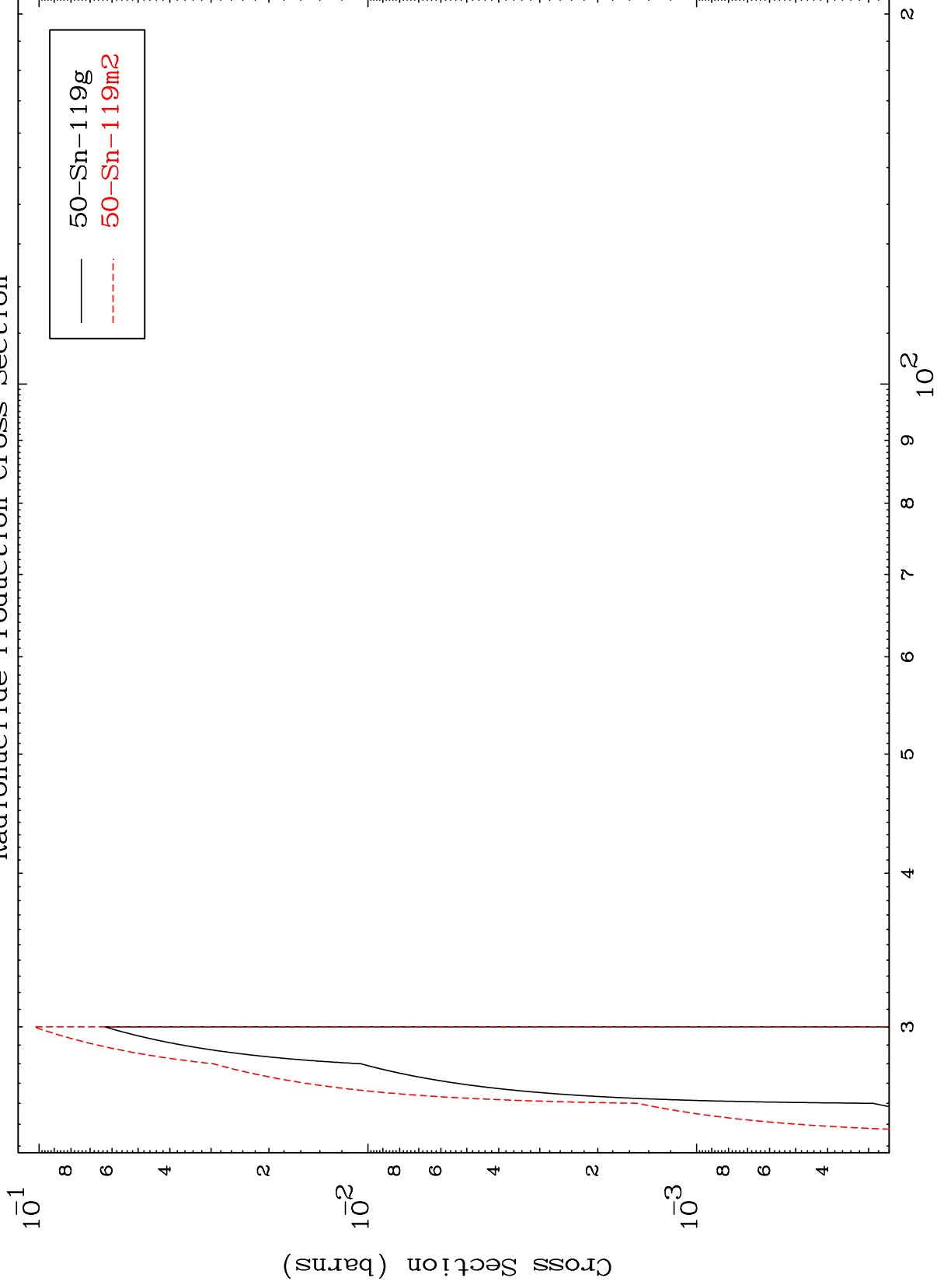
48-Cd-119

MAT 4865

($\alpha, 4n$)

48-Cd-119

Radionuclide Production Cross Section



19

Incident Energy (MeV)

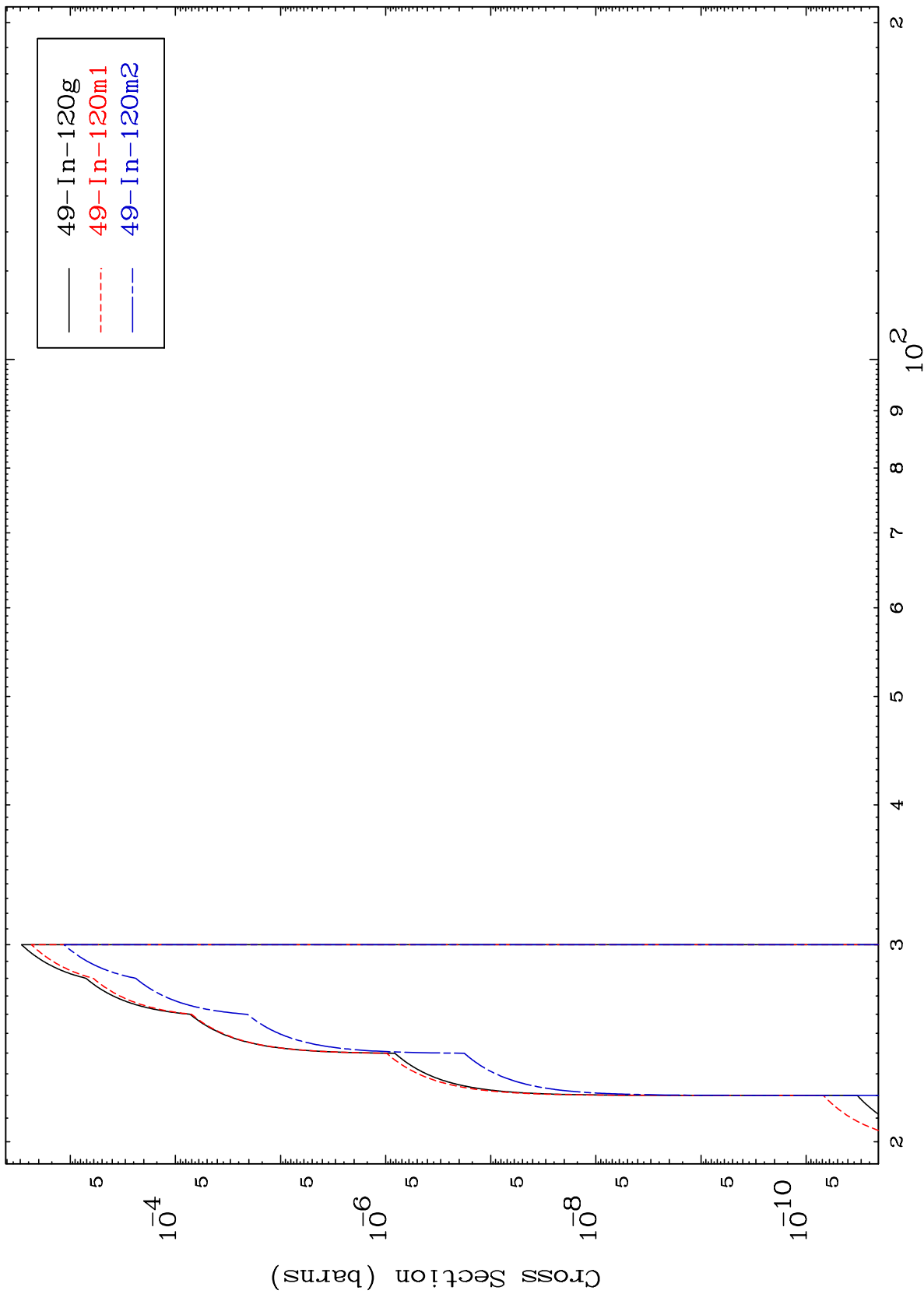
48-Cd-119

MAT 4865

$(\alpha, 2n)$ p

48-Cd-119

Radionuclide Production Cross Section



20

Incident Energy (MeV)

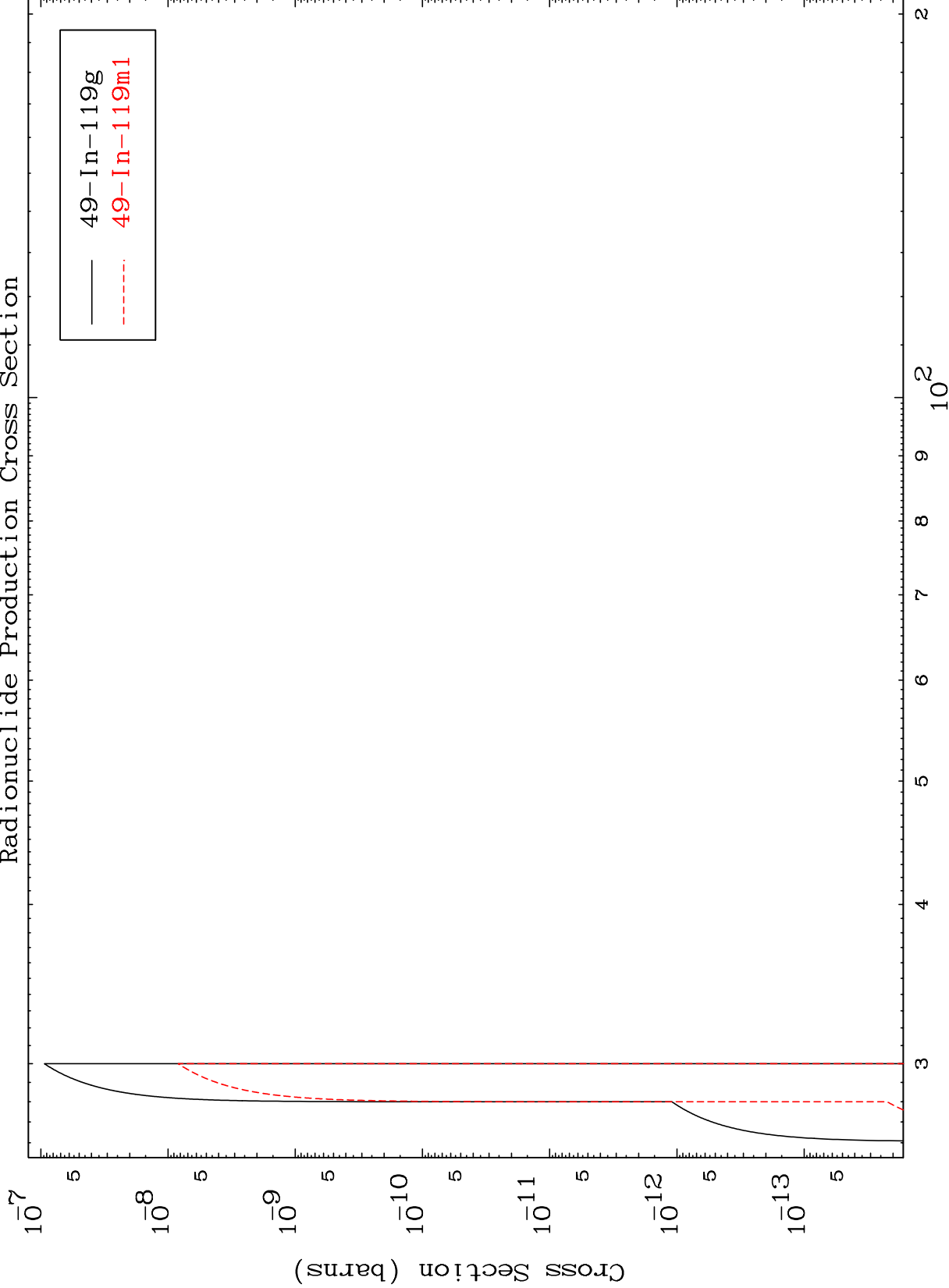
48-Cd-119

MAT 4865

($\alpha, 3n$) p

48-Cd-119

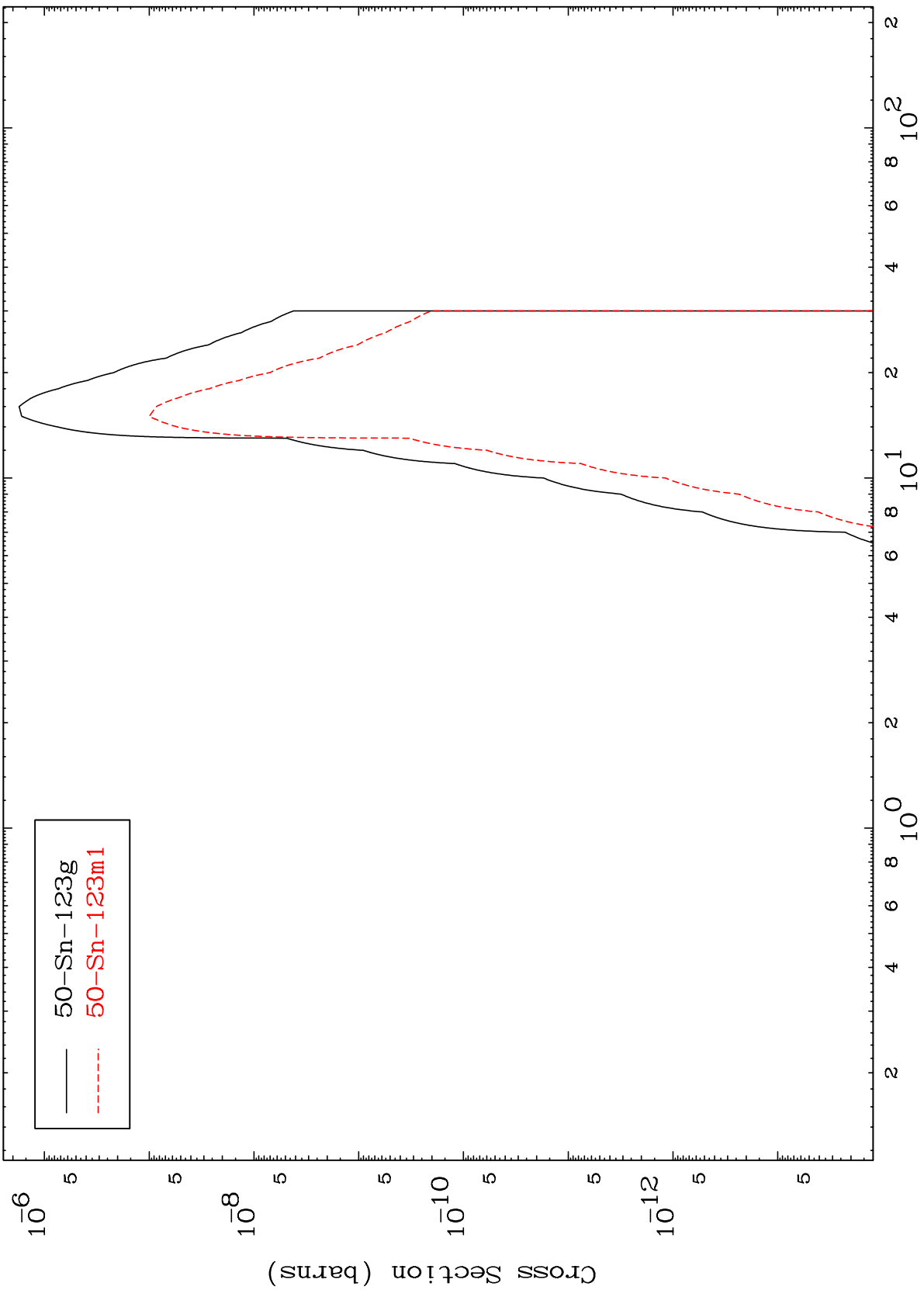
Radionuclide Production Cross Section



MAT 4865

48-Cd-119

(α, γ)
Radionuclide Production Cross Section



48-Cd-119

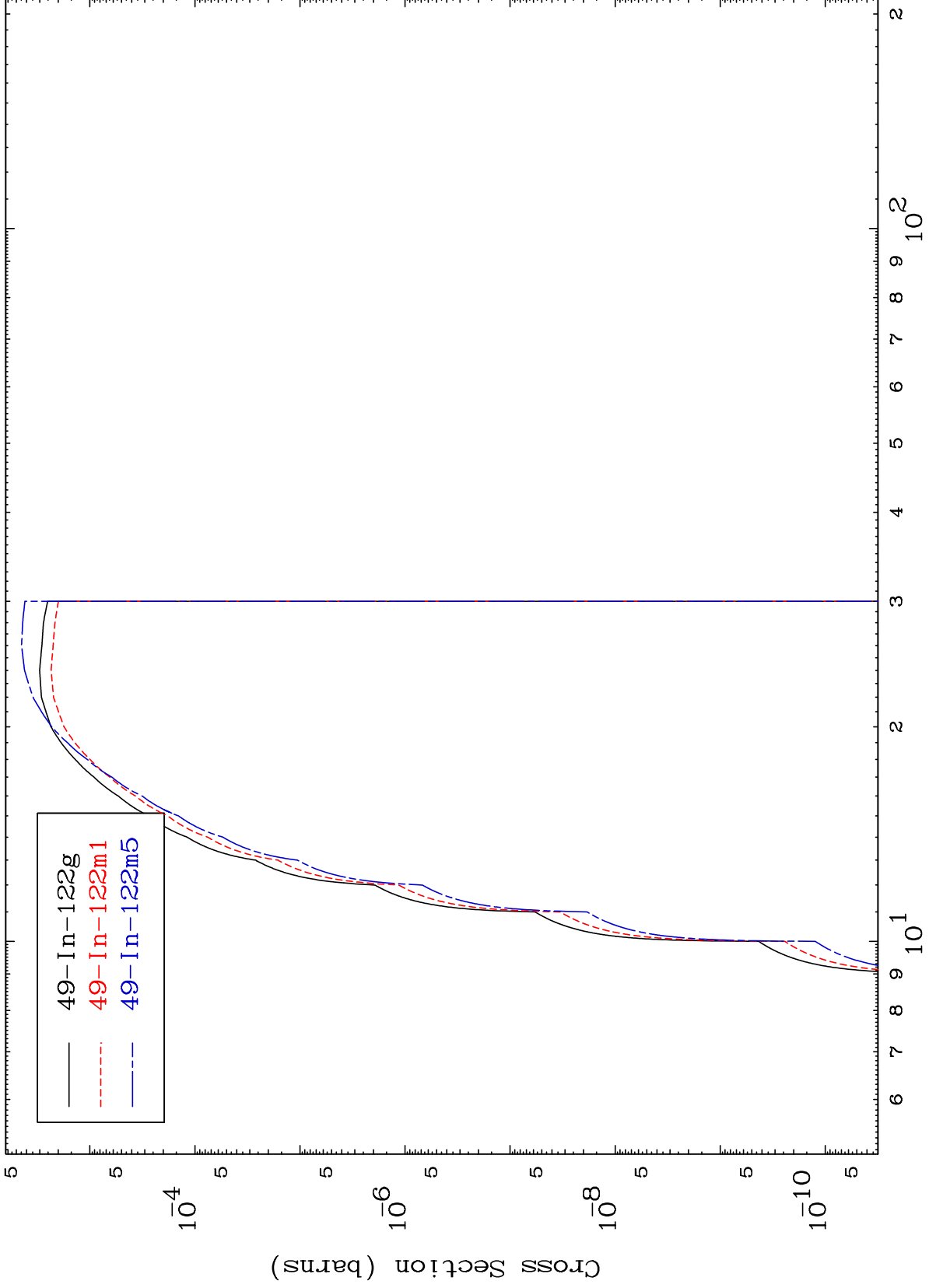
Incident Energy (MeV)

22

MAT 4865

48-Cd-119

(α, p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

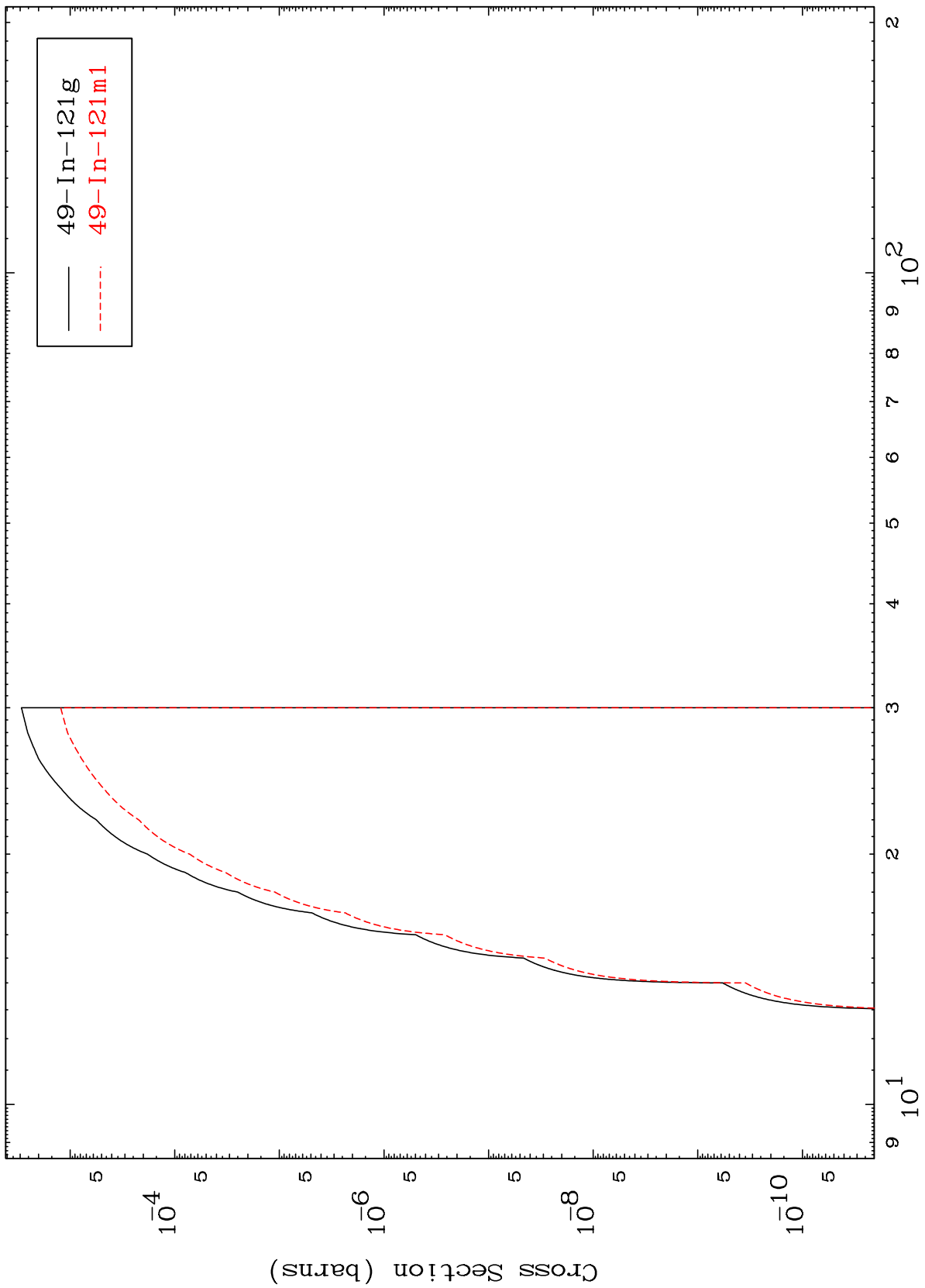
48-Cd-119

MAT 4865

(α, d)

48-Cd-119

Radionuclide Production Cross Section



24

Incident Energy (MeV)

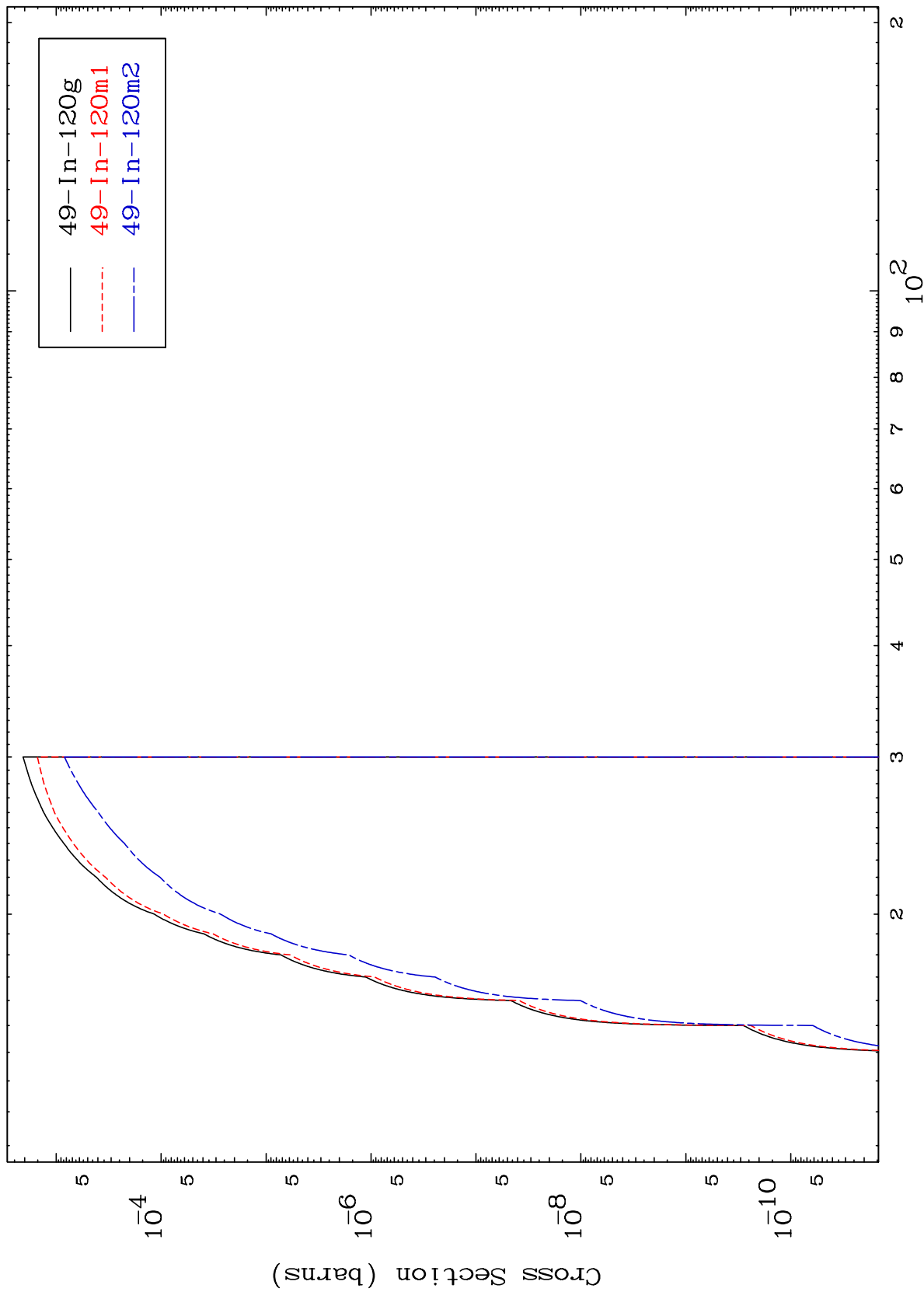
48-Cd-119

MAT 4865

(α, t)

48-Cd-119

Radionuclide Production Cross Section



25

Incident Energy (MeV)

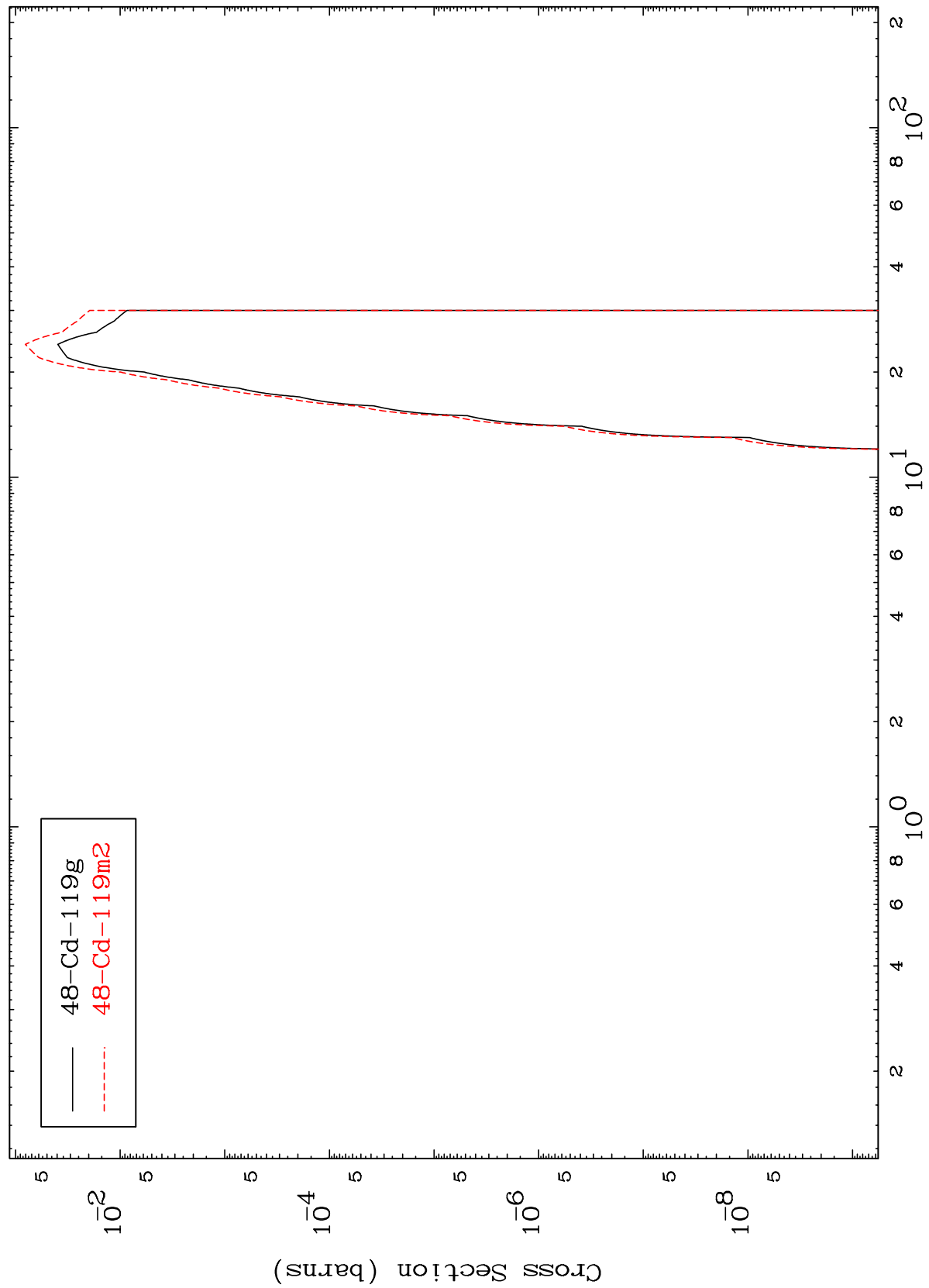
48-Cd-119

MAT 4865

48-Cd-119

(α, α)

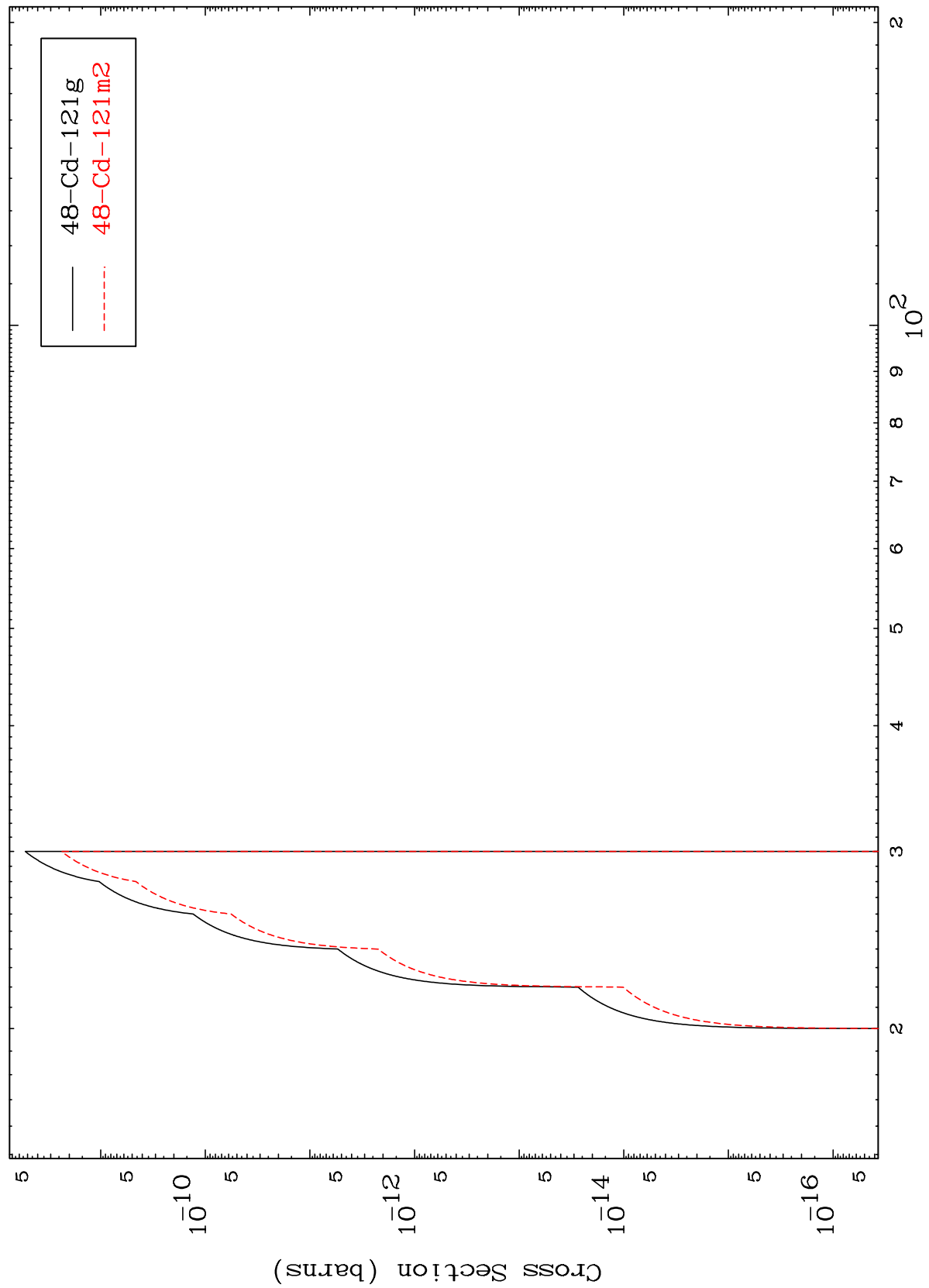
Radionuclide Production Cross Section



MAT 4865

48-Cd-119

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



27

48-Cd-119

Incident Energy (MeV)