

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

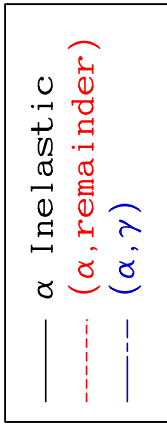
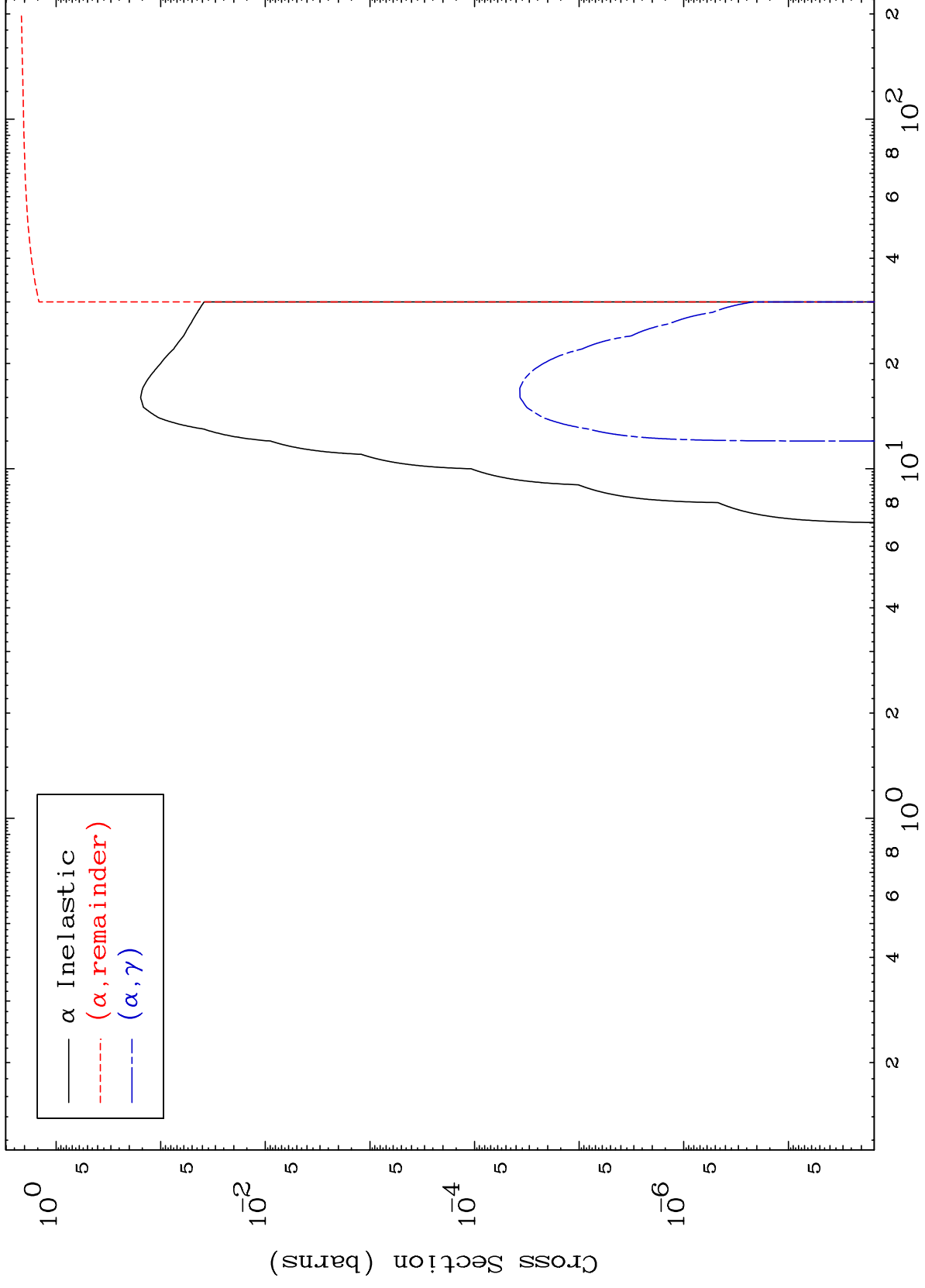
Press Mouse Button to Start

MAT 4846

α Major

48-Cd-113

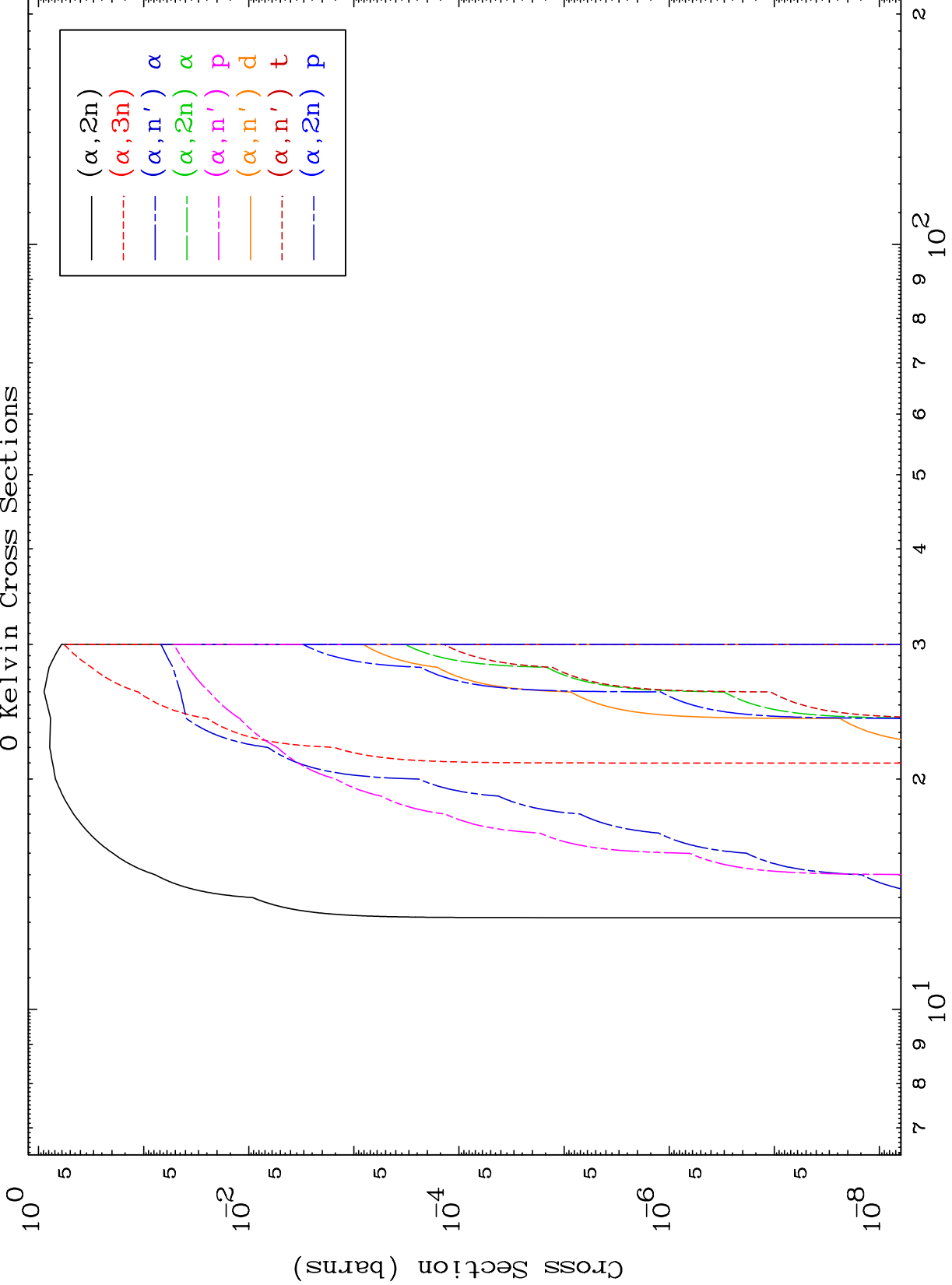
0 Kelvin Cross Sections



MAT 4846

α Neutron Production
0 Kelvin Cross Sections

48-Cd-113



2

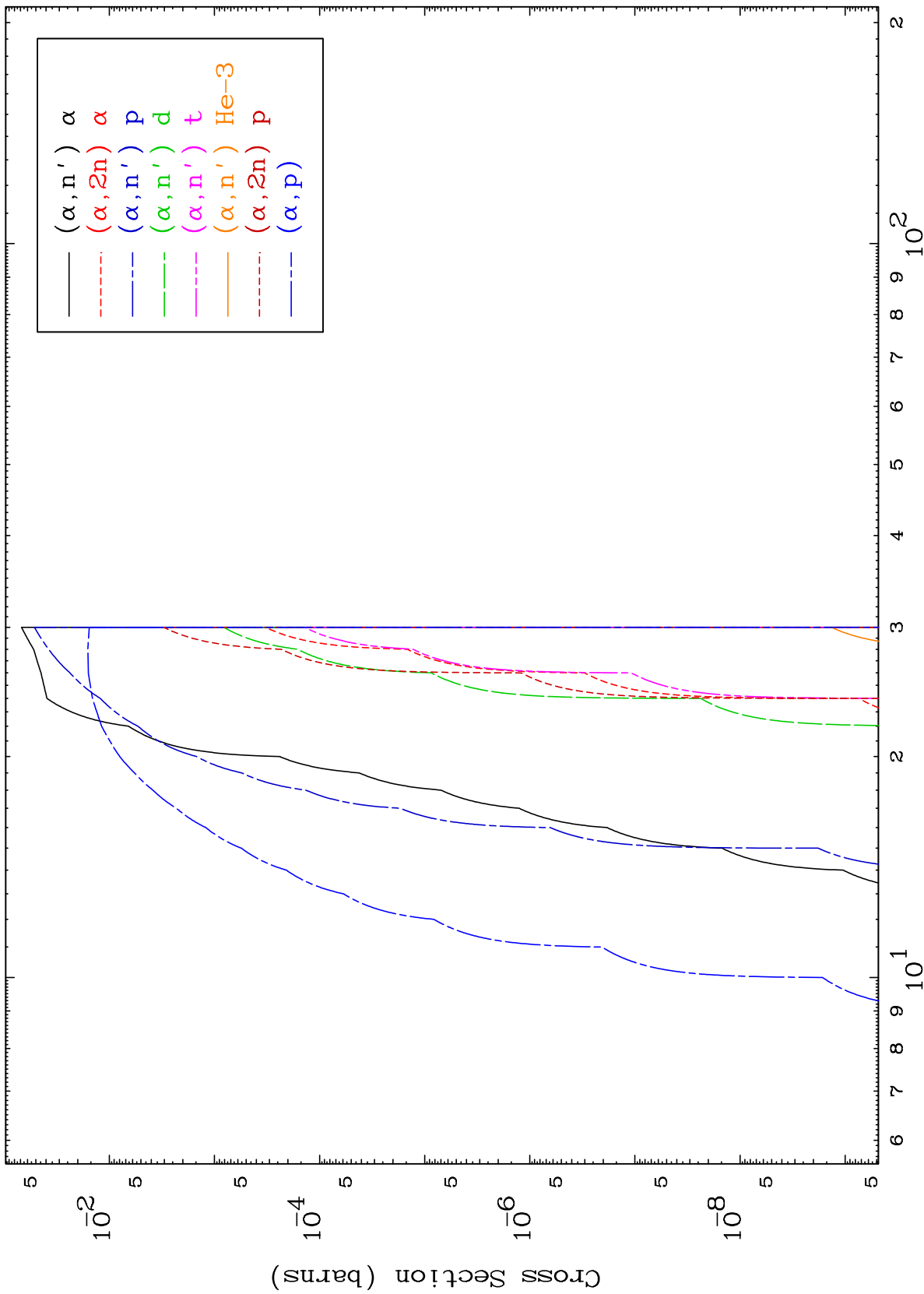
Incident Energy (MeV)

48-Cd-113

MAT 4846

α Charged Particle
0 Kelvin Cross Sections

48-Cd-113



3

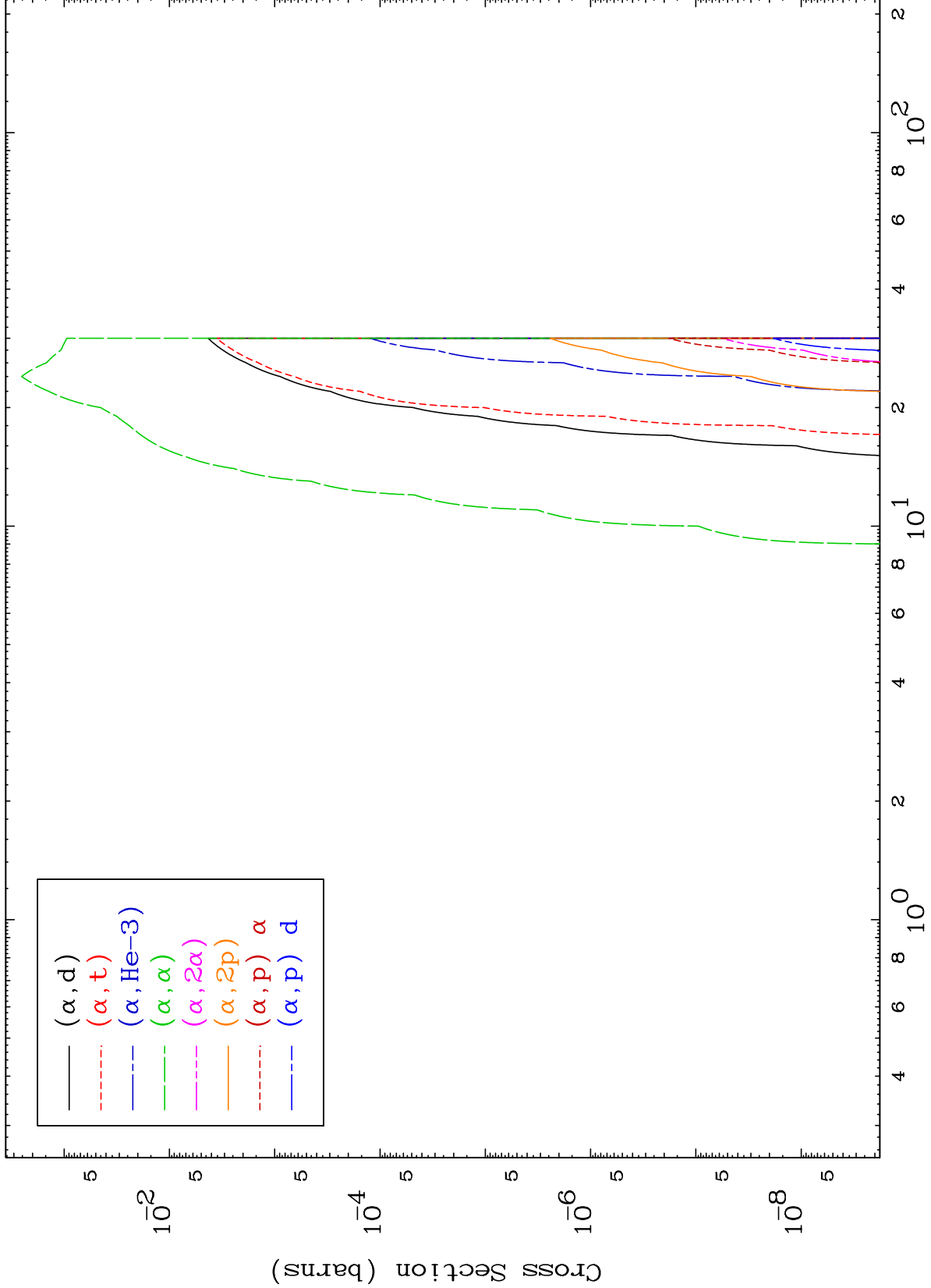
Incident Energy (MeV)

48-Cd-113

MAT 4846

α Charged Particle
0 Kelvin Cross Sections

48-Cd-113



Incident Energy (MeV)

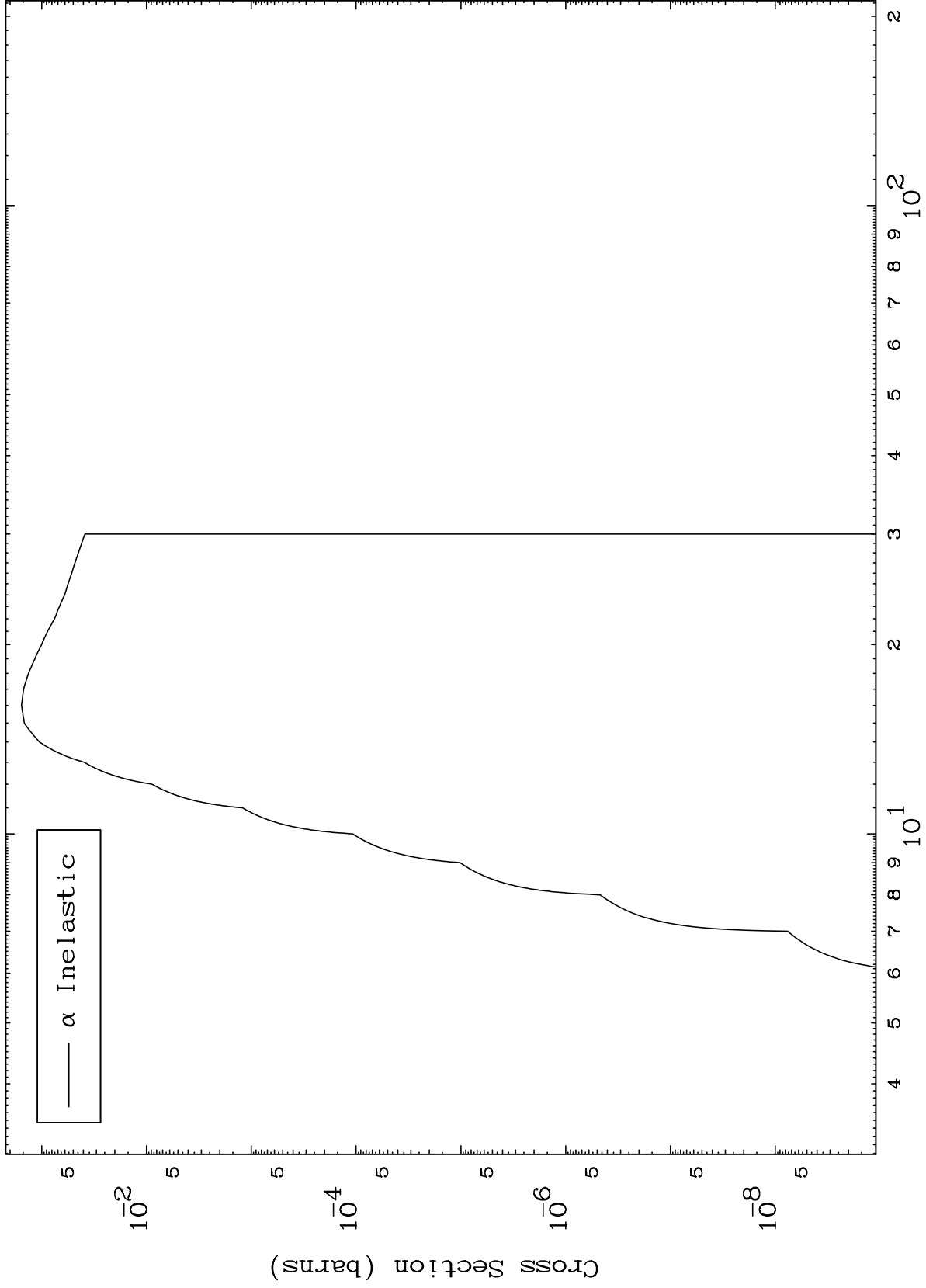
48-Cd-113

MAT 4846

(α, n') Level

48-Cd-113

0 Kelvin Cross Sections



5

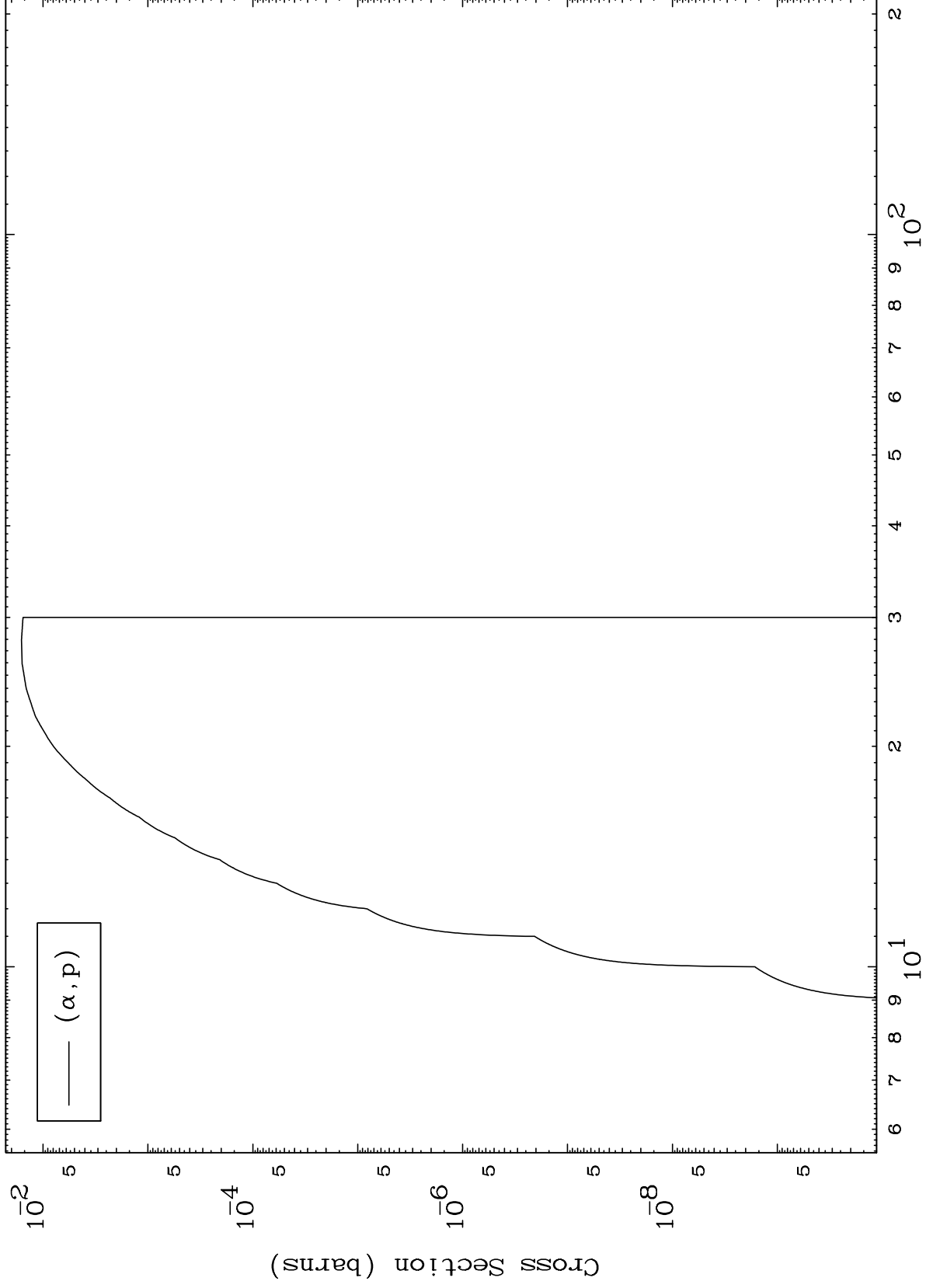
Incident Energy (MeV)

48-Cd-113

MAT 4846

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-113



6

Incident Energy (MeV)

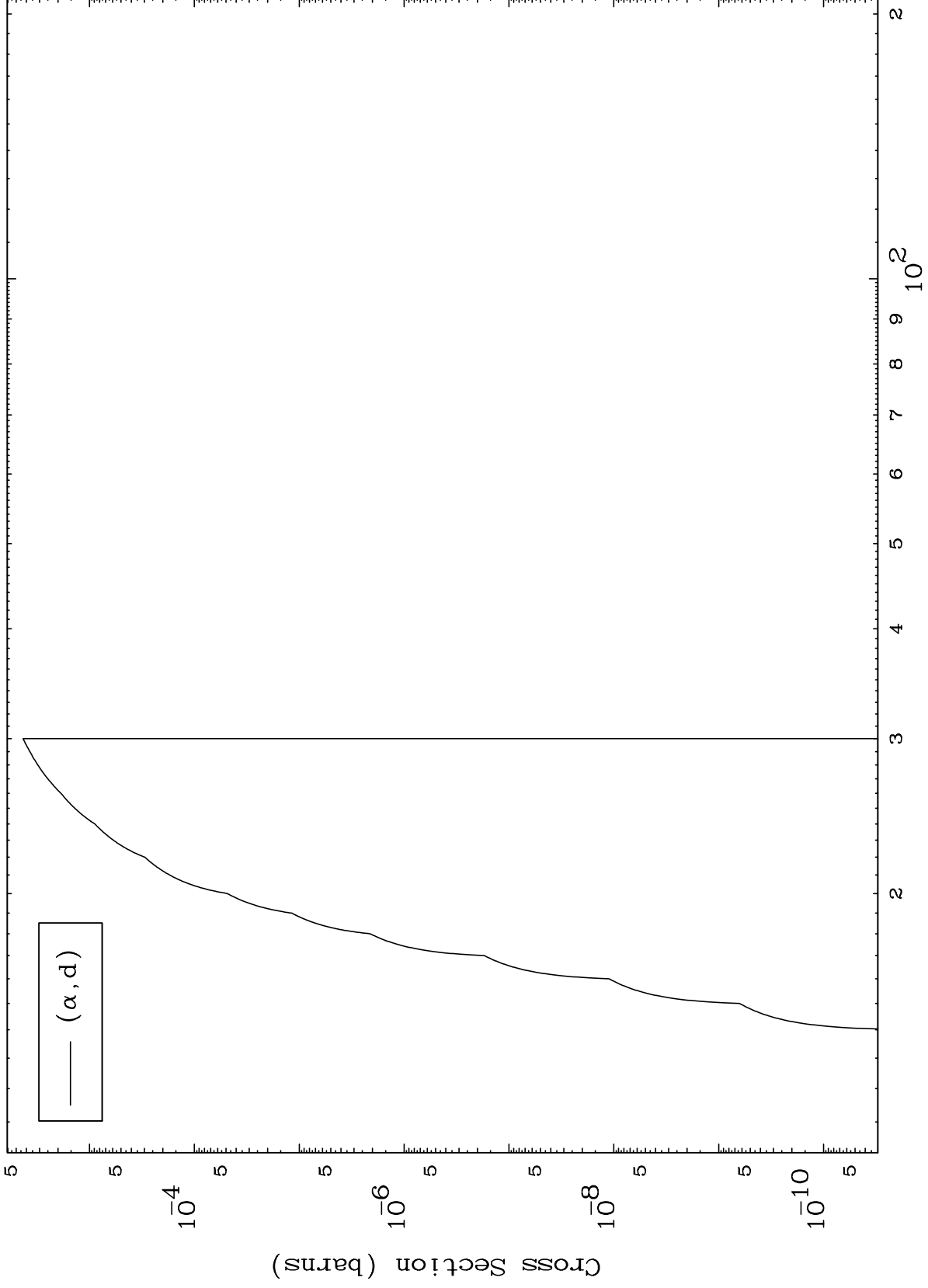
48-Cd-113

MAT 4846

(α, d) Levels

48-Cd-113

0 Kelvin Cross Sections



7

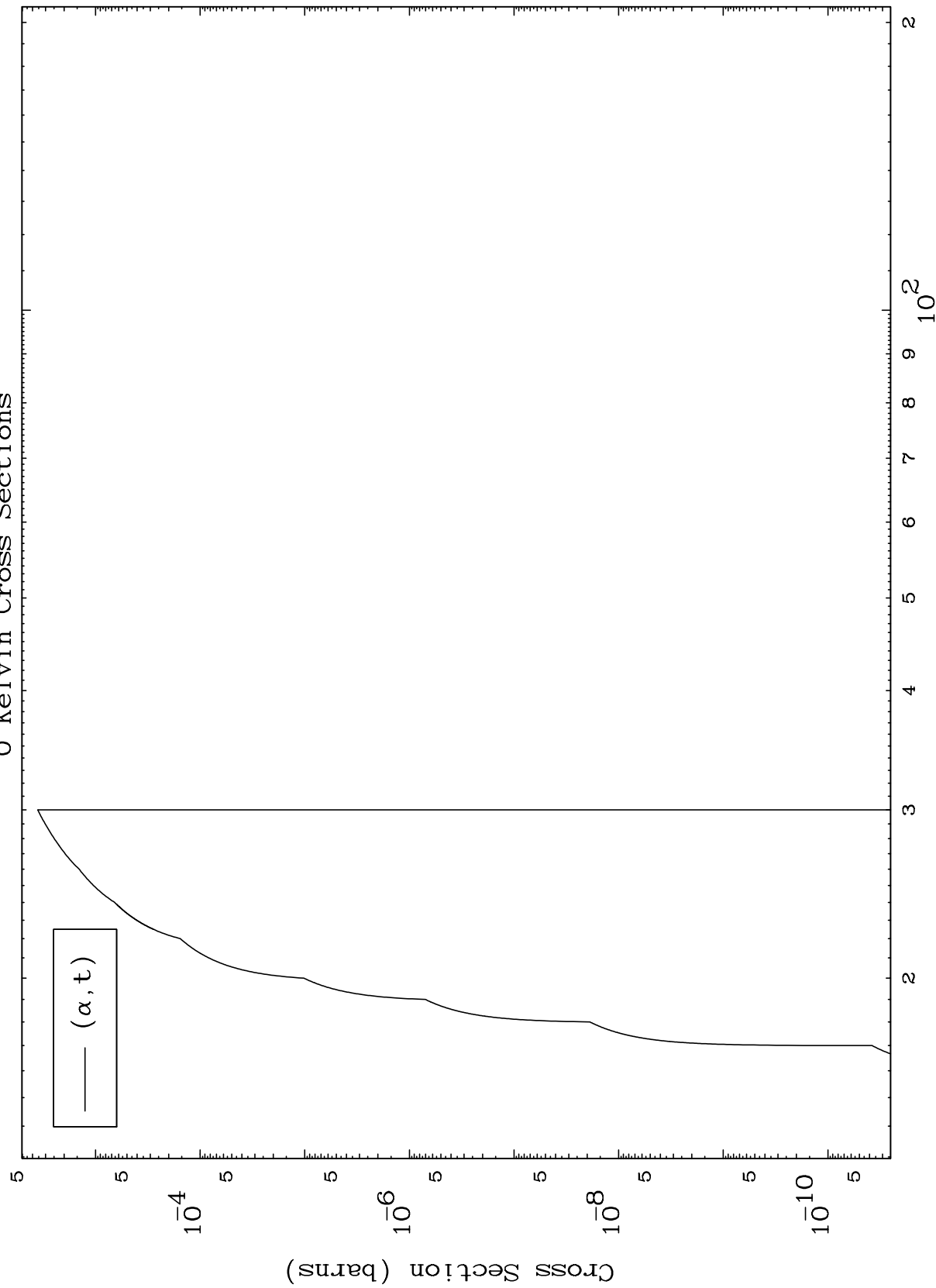
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(α, t) Levels
0 Kelvin Cross Sections



48-Cd-113

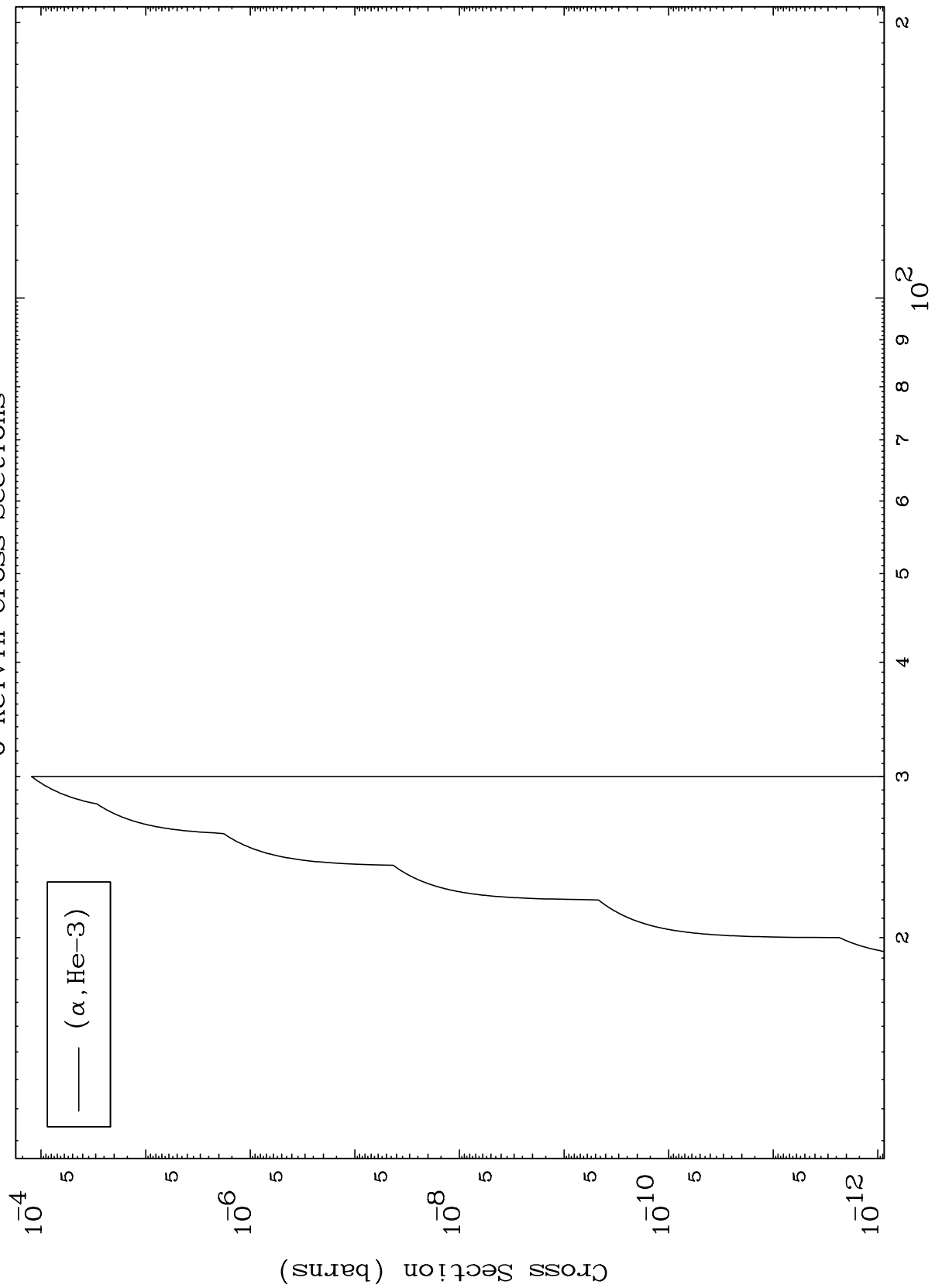
Incident Energy (MeV)

8

MAT 4846

48-Cd-113

(α , He3) Levels
0 Kelvin Cross Sections

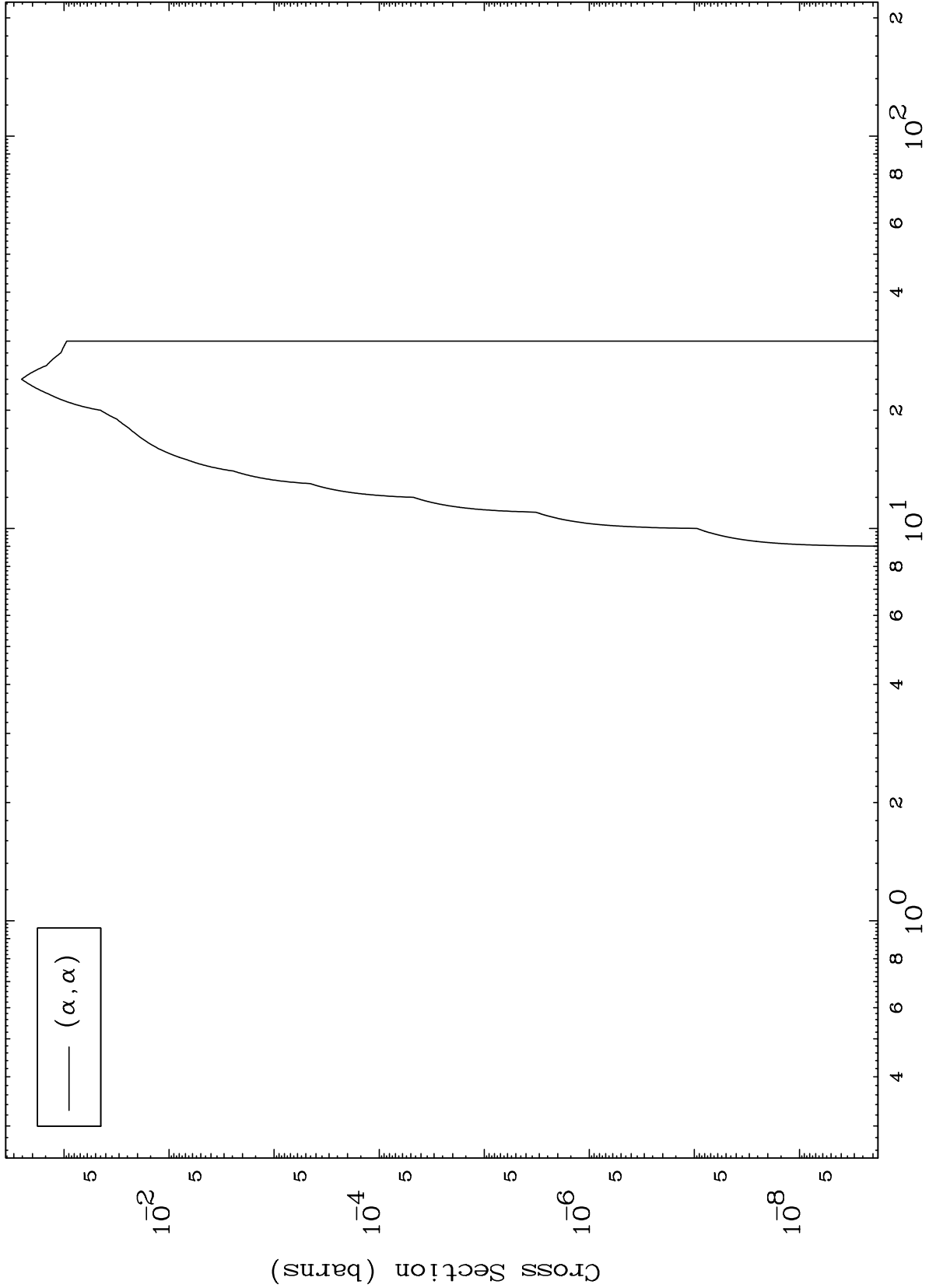


MAT 4846

(α, α) Levels

48-Cd-113

0 Kelvin Cross Sections



10

Incident Energy (MeV)

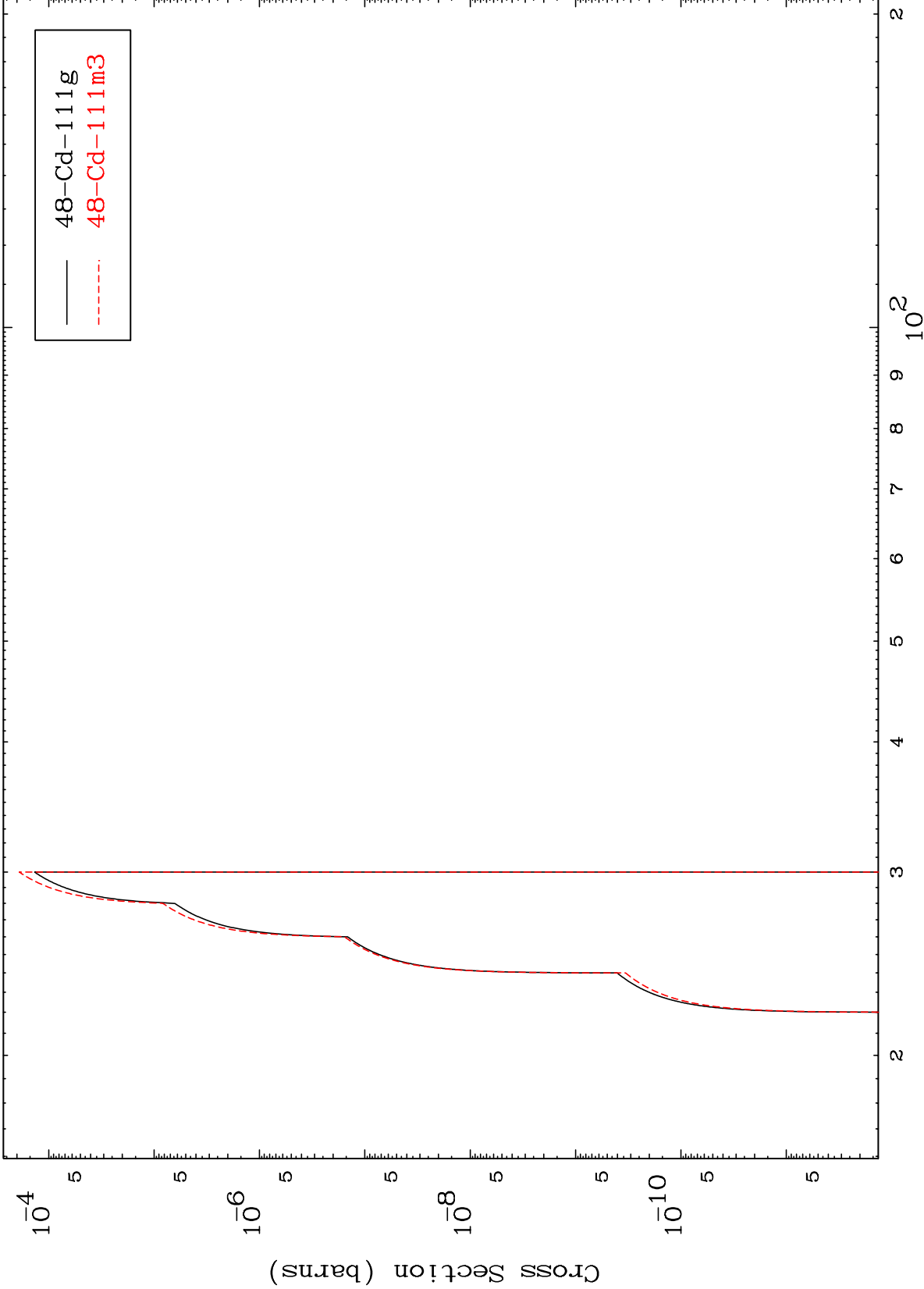
48-Cd-113

MAT 4846

$(\alpha, 2n)$ α

48-Cd-113

Radionuclide Production Cross Section



11

Incident Energy (MeV)

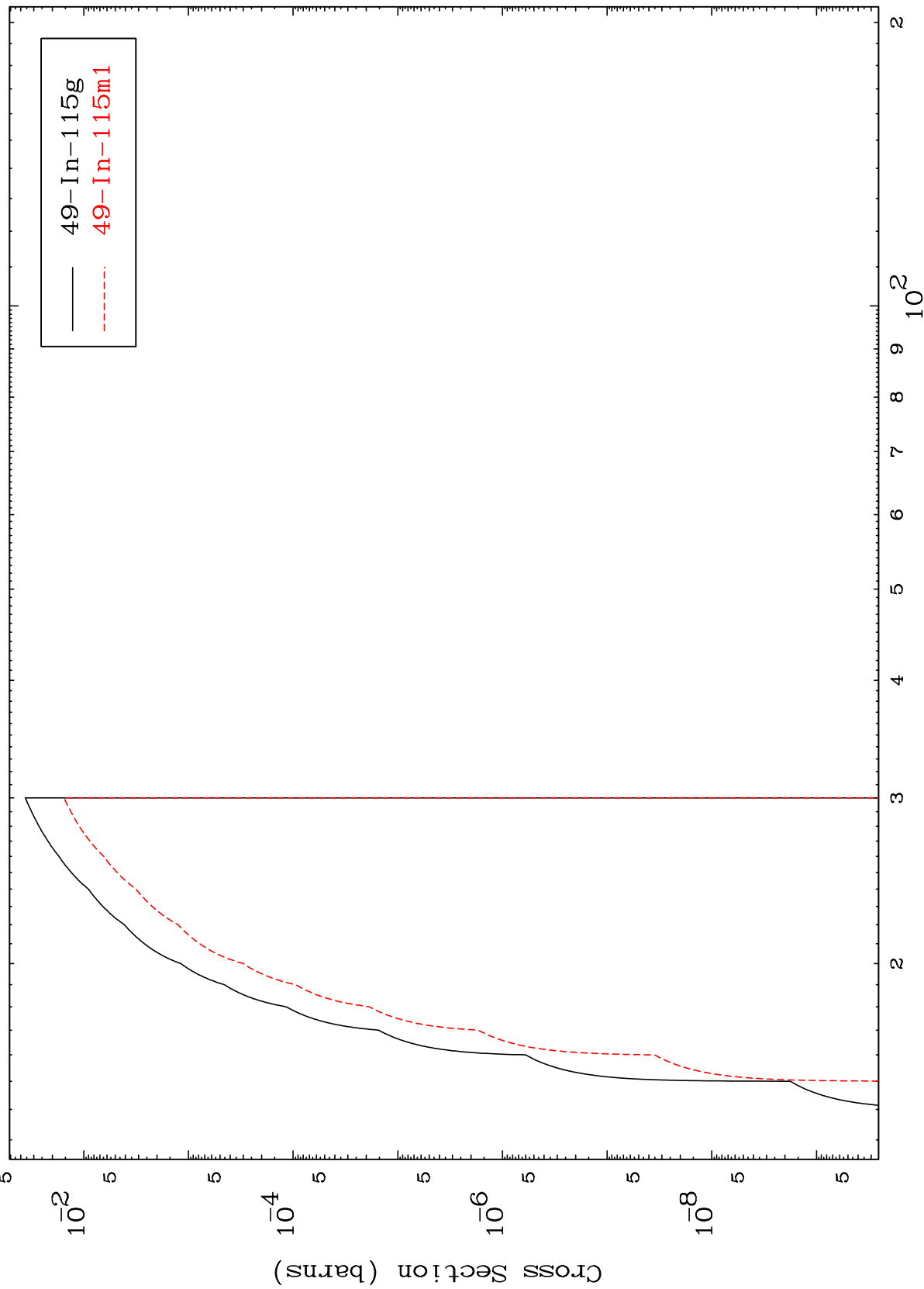
48-Cd-113

MAT 4846

(α, n') p

48-Cd-113

Radionuclide Production Cross Section



49-In-115g
49-In-115m1

12

Incident Energy (MeV)

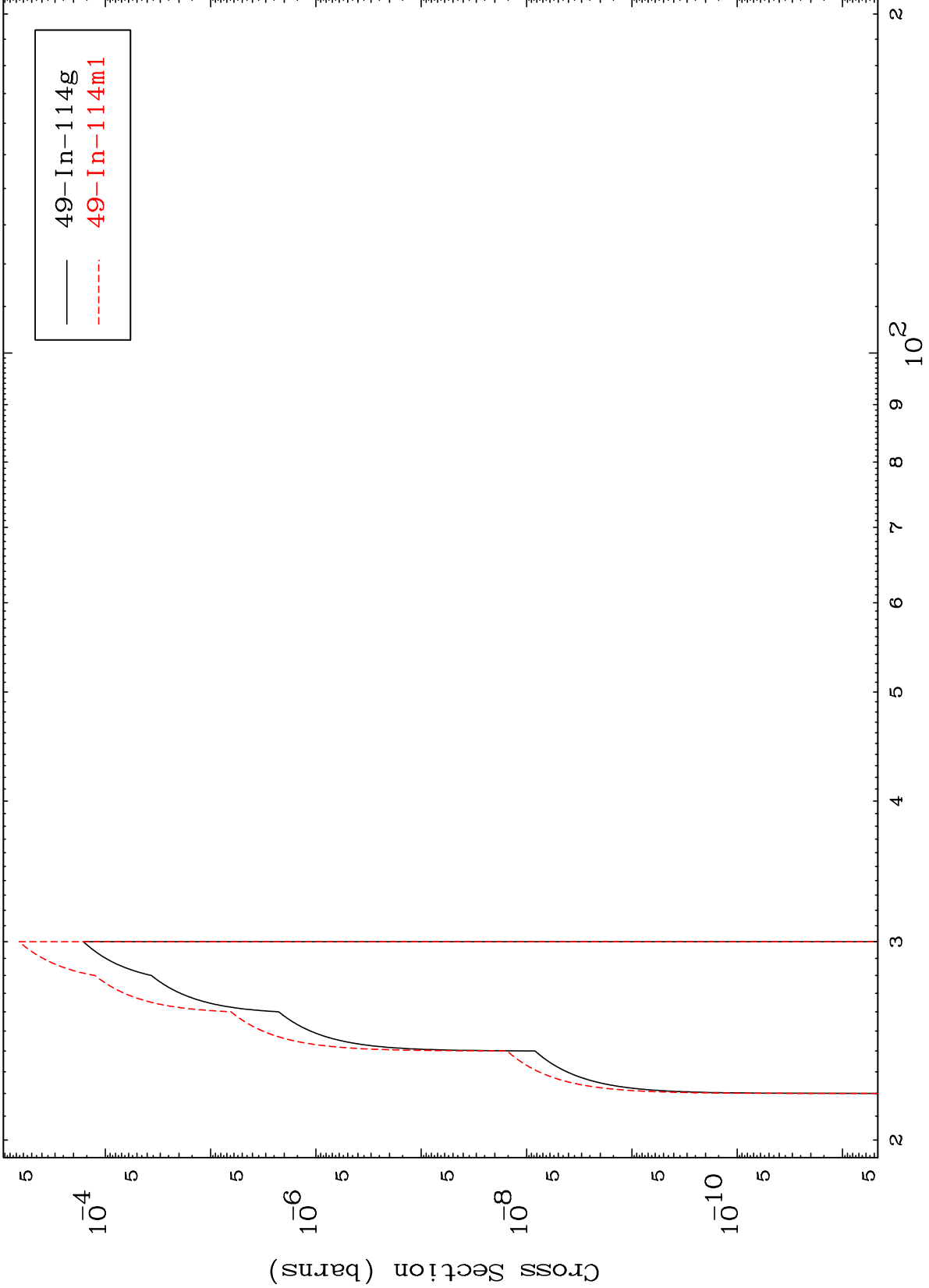
48-Cd-113

MAT 4846

(α, n') d

48-Cd-113

Radionuclide Production Cross Section



13

Incident Energy (MeV)

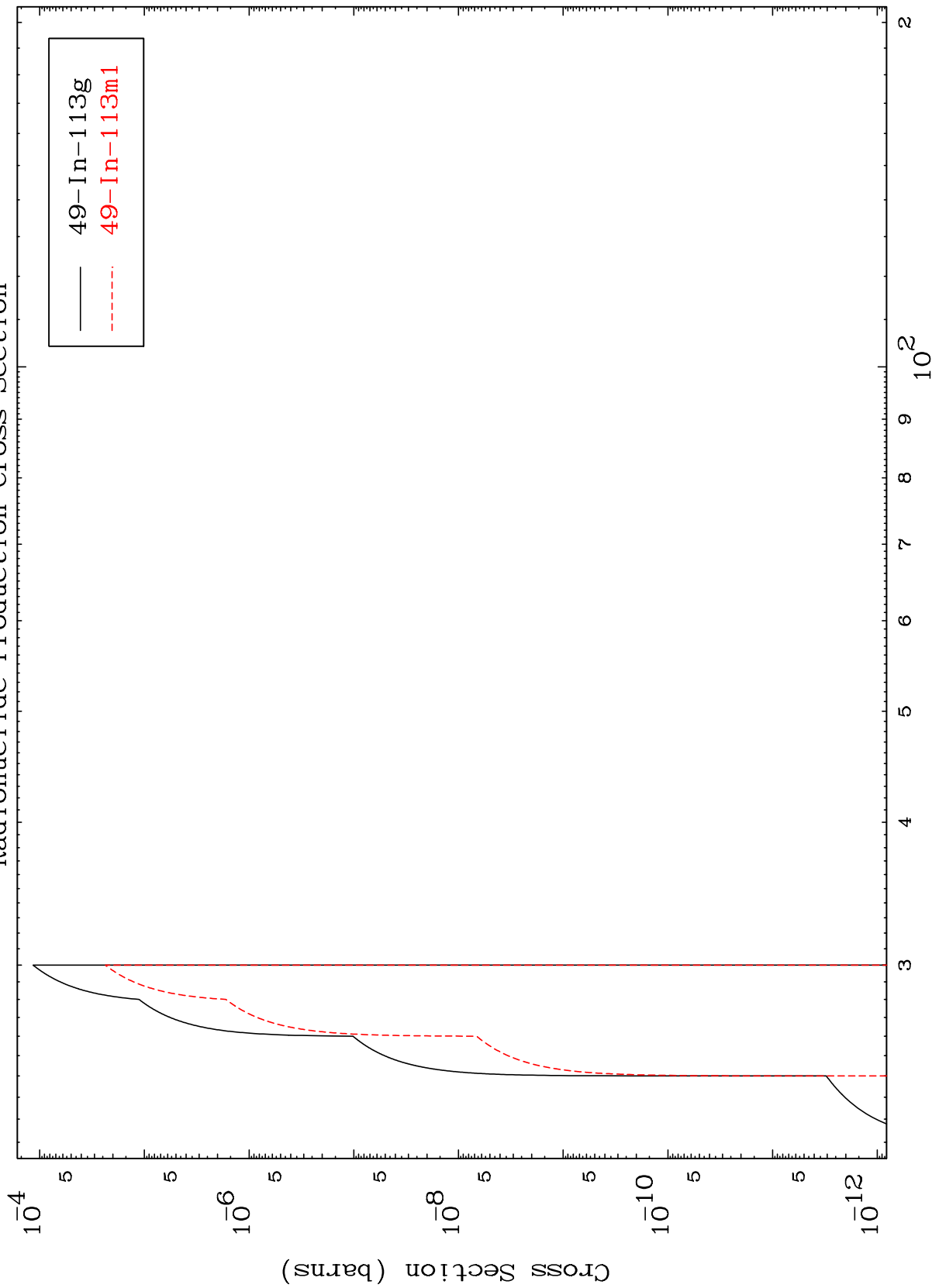
48-Cd-113

MAT 4846

(α, n') t

48-Cd-113

Radionuclide Production Cross Section



14

Incident Energy (MeV)

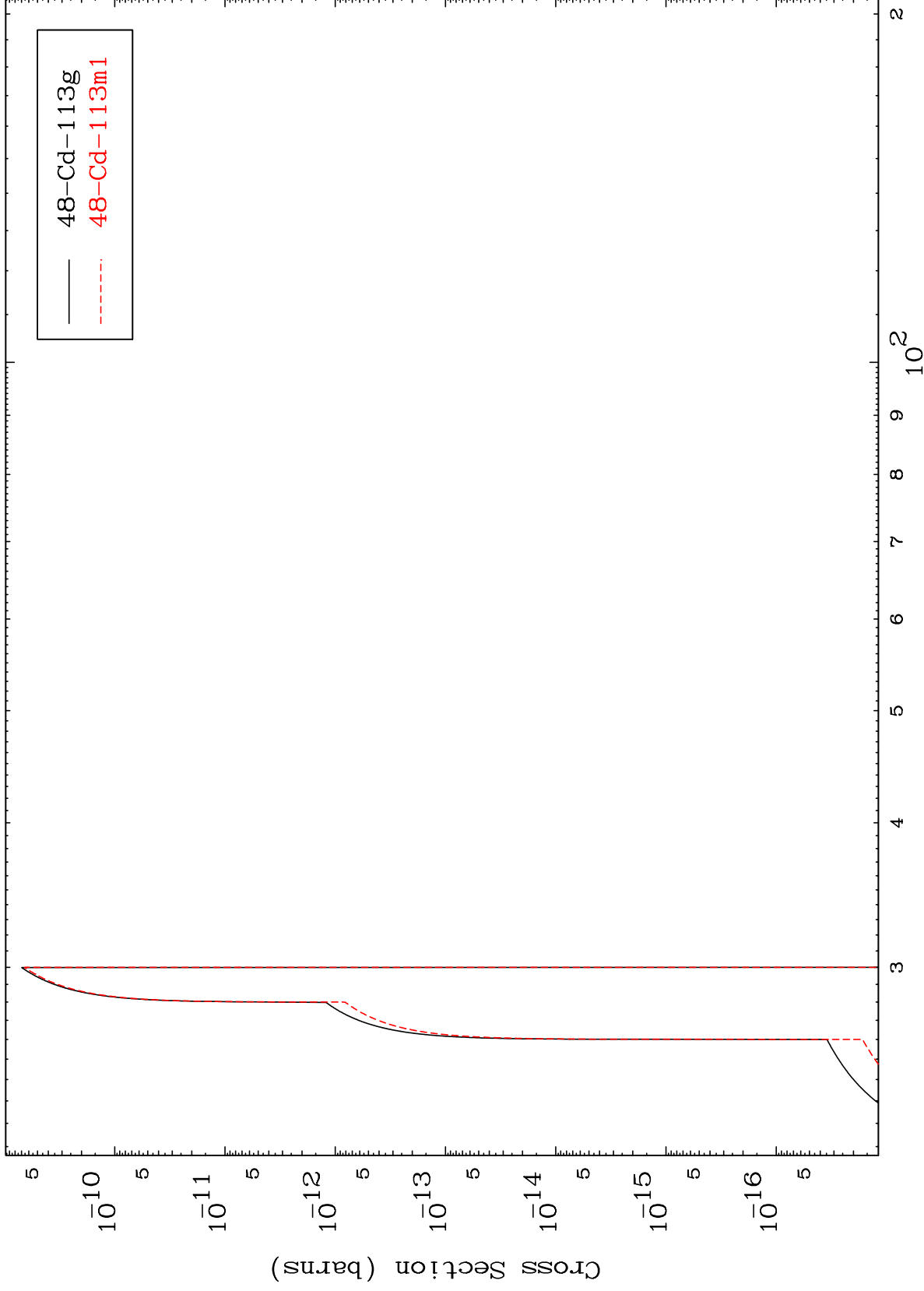
48-Cd-113

MAT 4846

(α, n') He-3

48-Cd-113

Radionuclide Production Cross Section



15

Incident Energy (MeV)

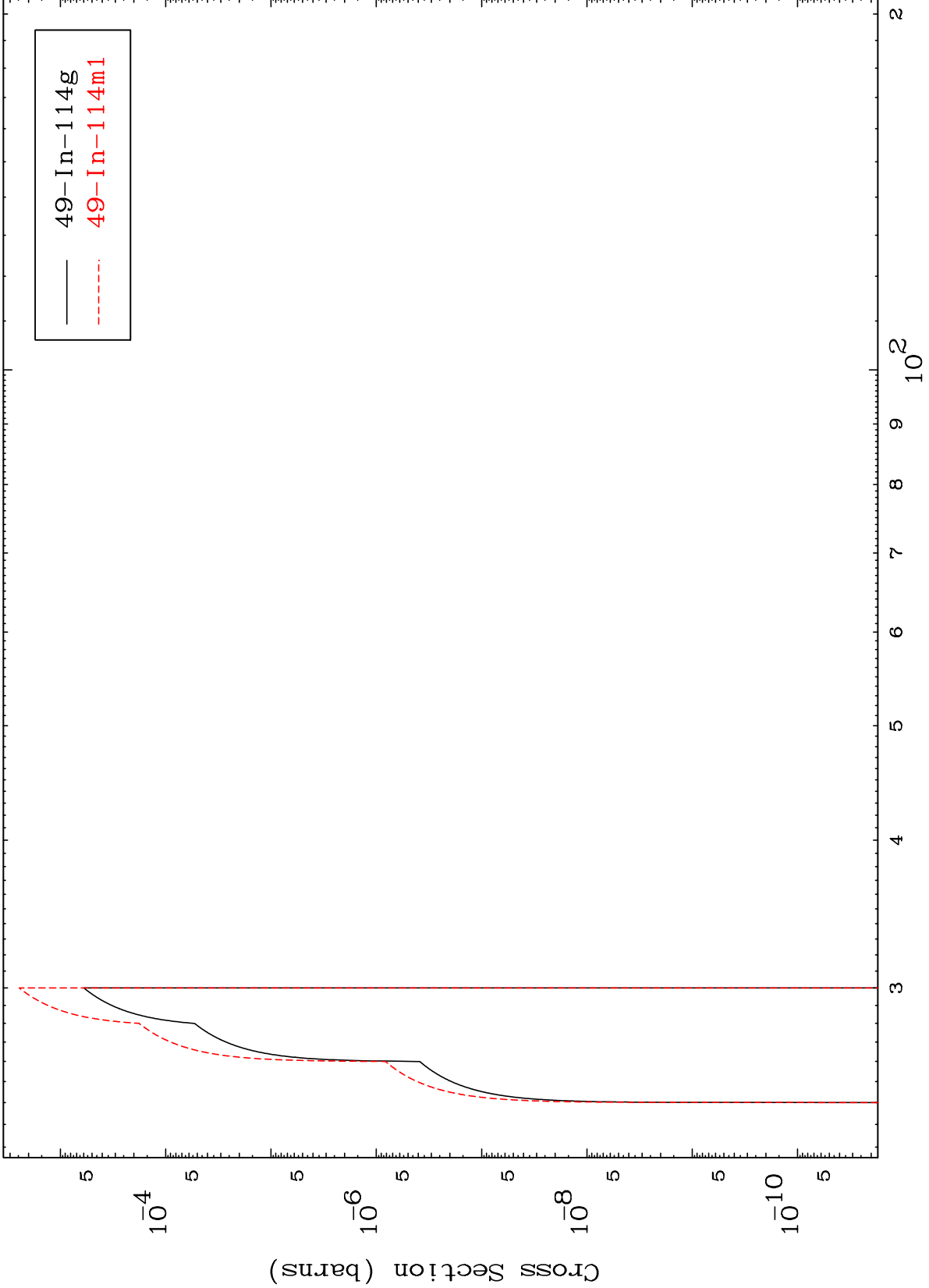
48-Cd-113

MAT 4846

($\alpha, 2n$) p

48-Cd-113

Radionuclide Production Cross Section



16

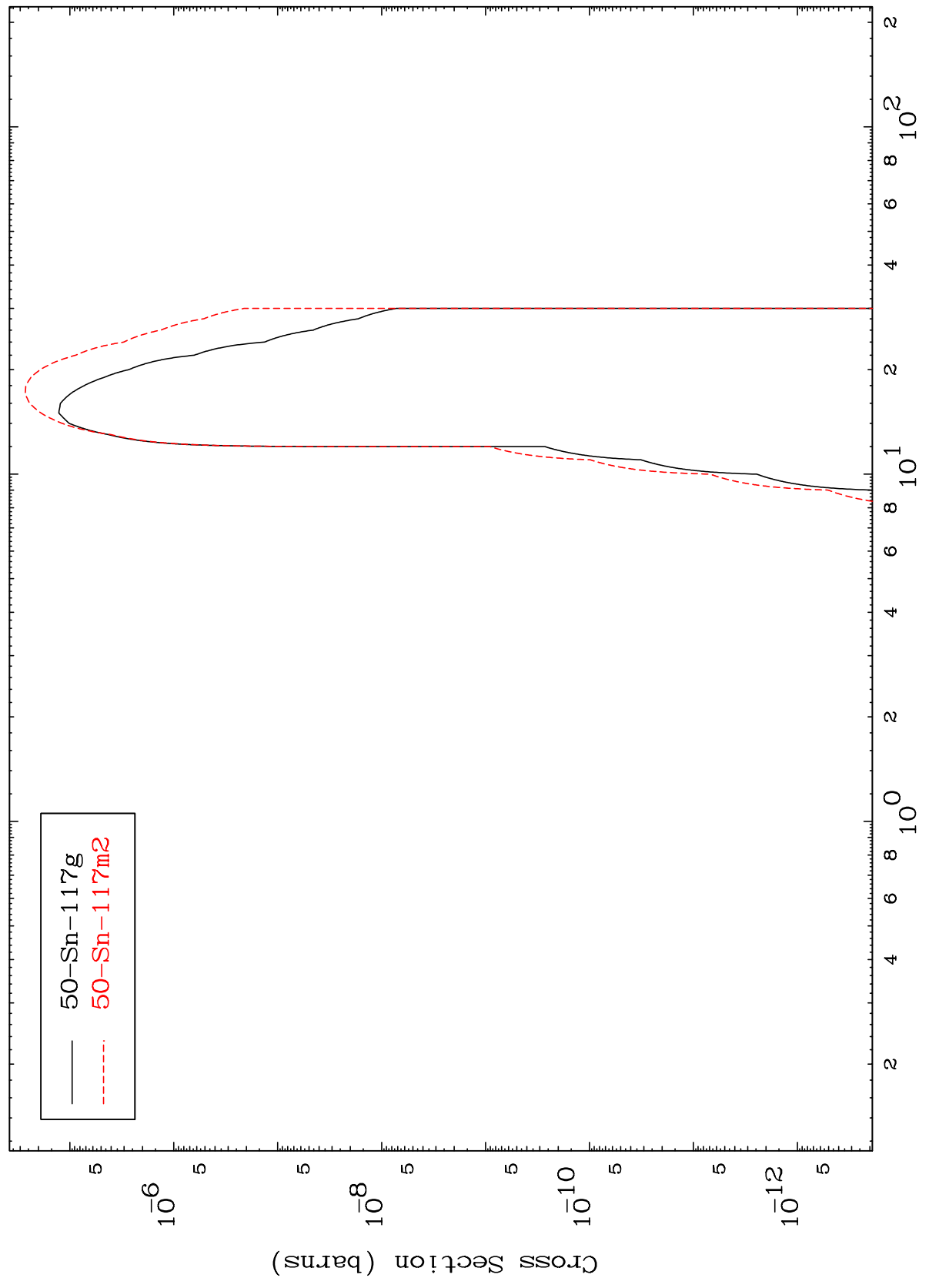
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(α, γ)
Radionuclide Production Cross Section



— 50-Sn-117g
- - - 50-Sn-117m2

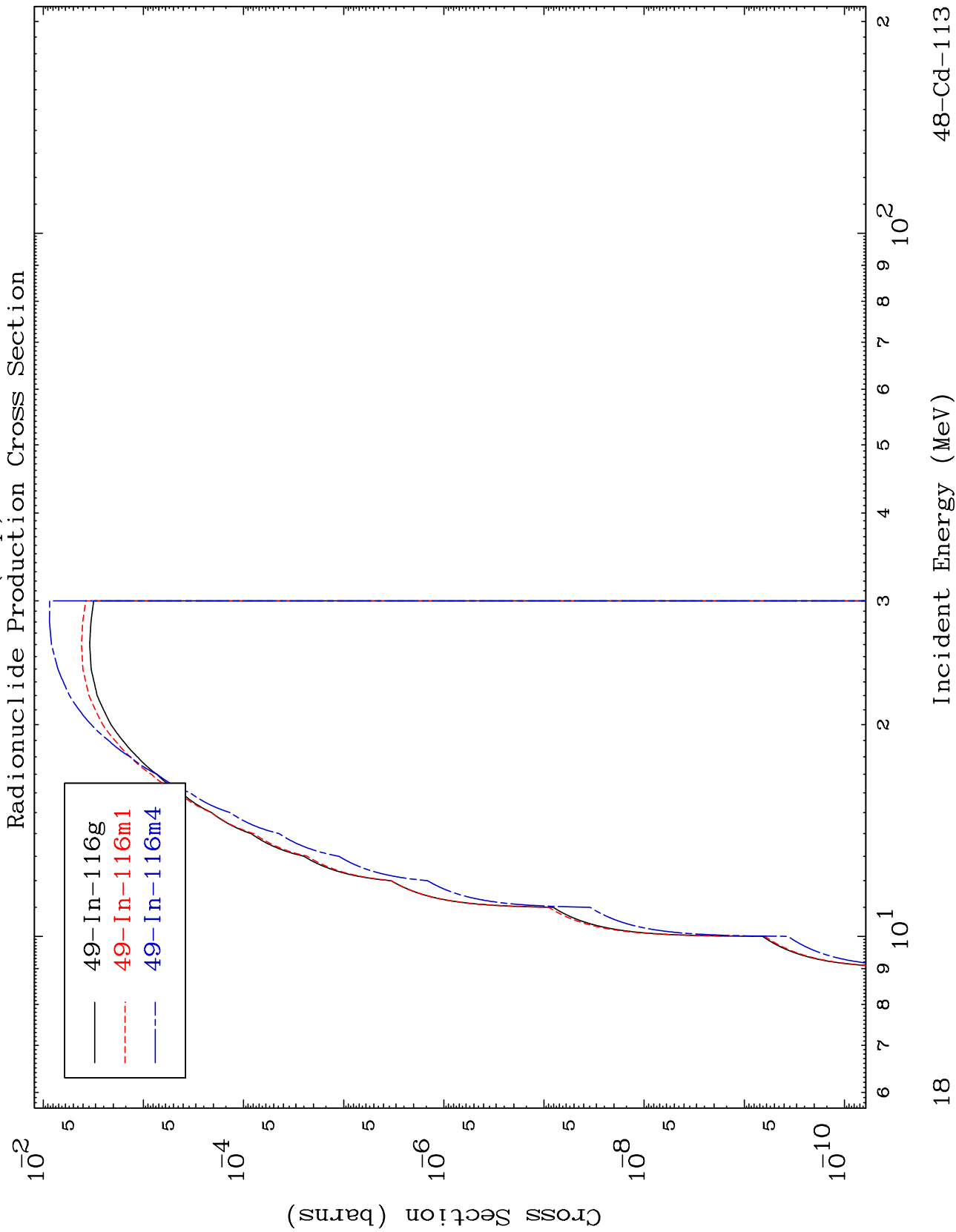
48-Cd-113

Incident Energy (MeV)

17

MAT 4846

48-Cd-113



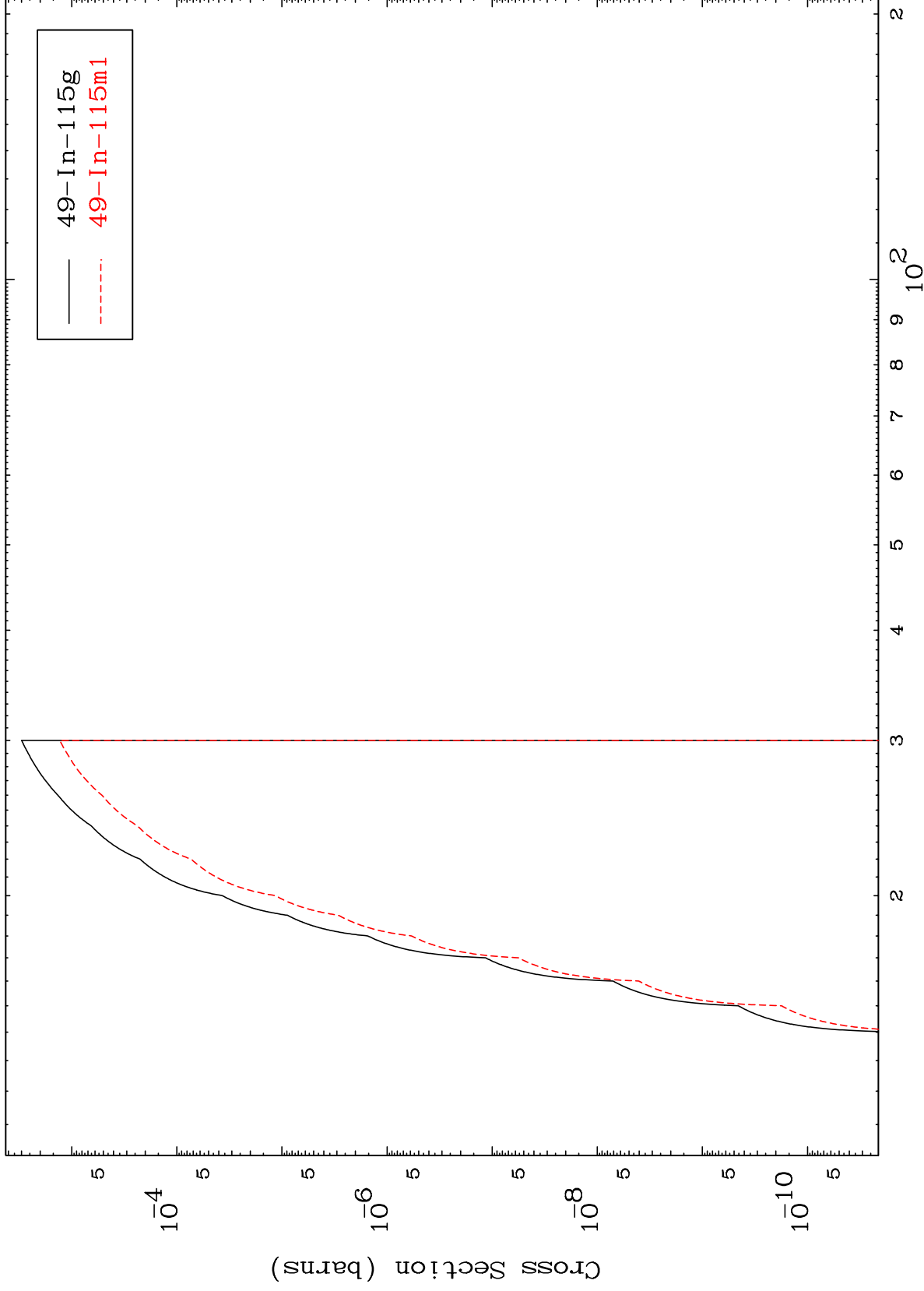
18

MAT 4846

(α, d)

48-Cd-113

Radionuclide Production Cross Section

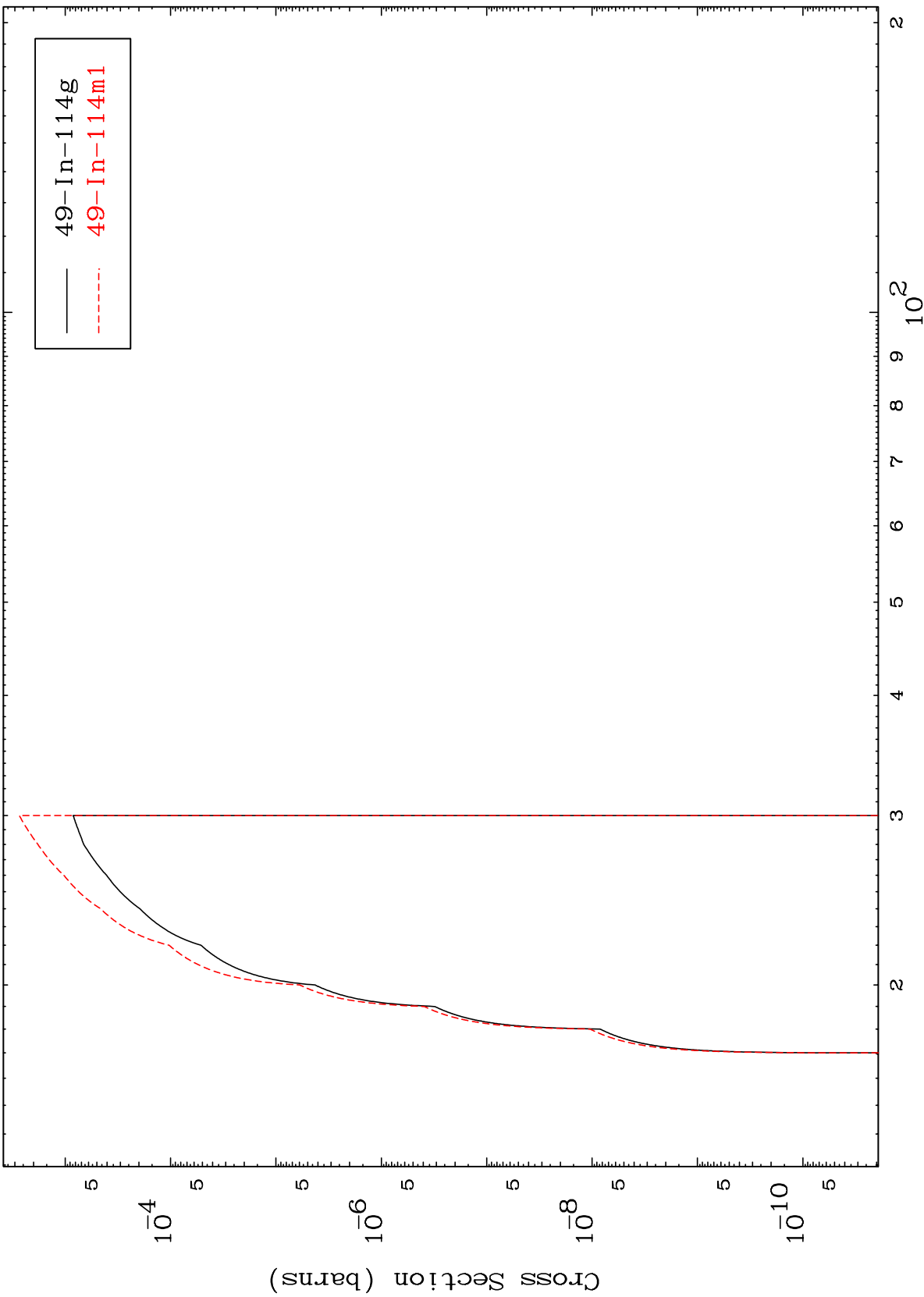


19

Incident Energy (MeV)

48-Cd-113

Radionuclide Production Cross Section

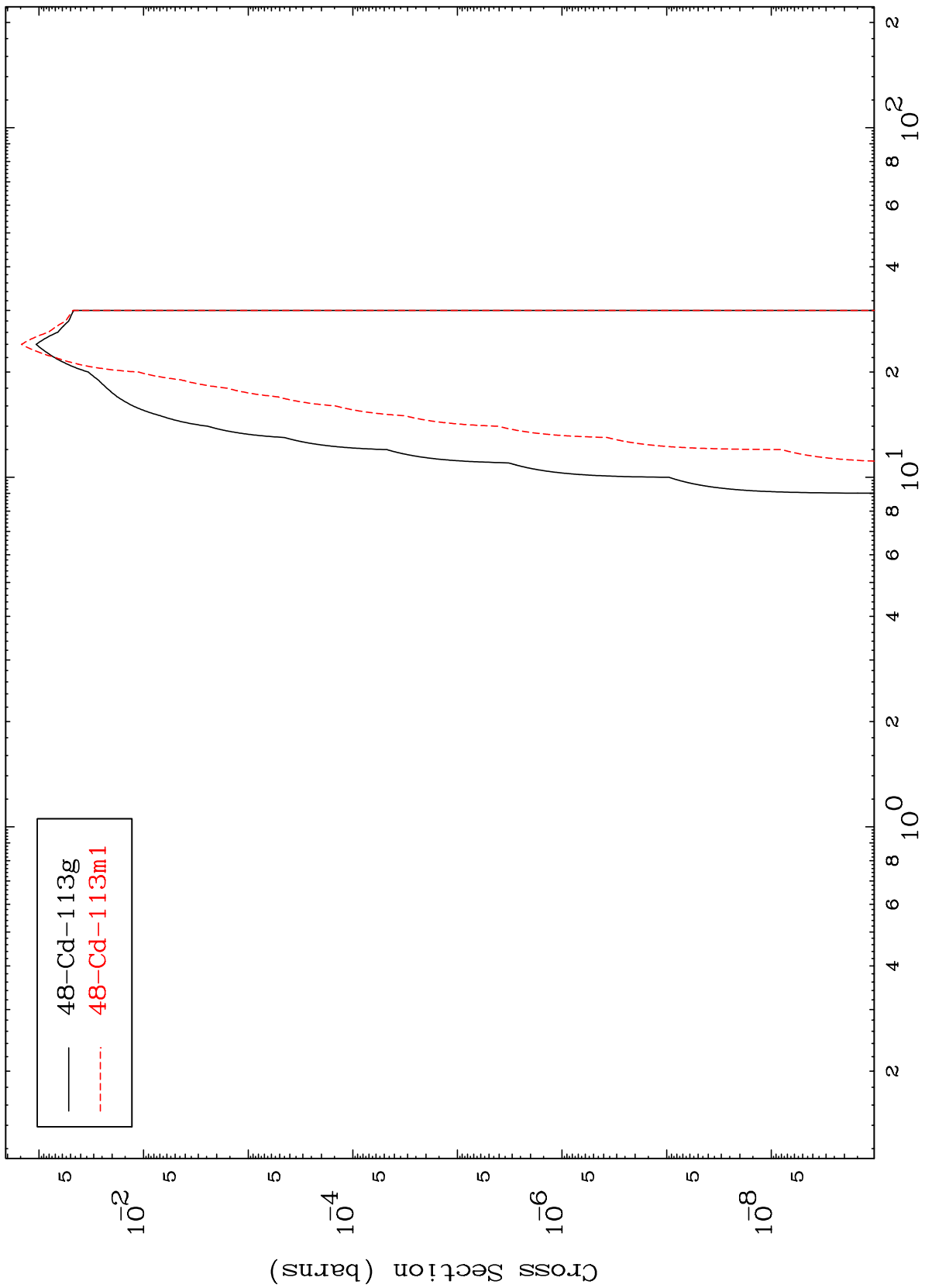


MAT 4846

48-Cd-113

(α, α)

Radionuclide Production Cross Section

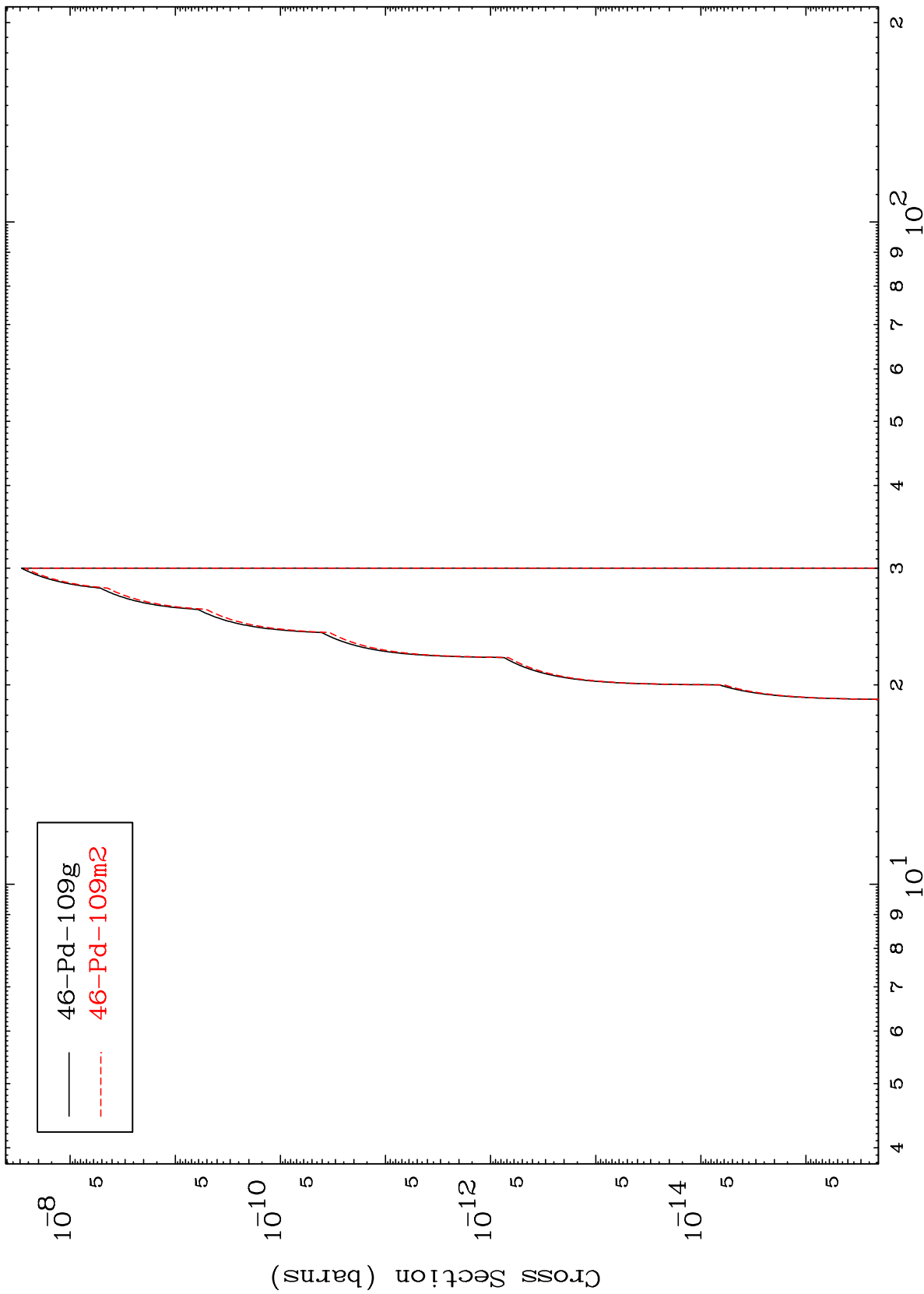


— 48-Cd-113g
- - - 48-Cd-113m1

MAT 4846

48-Cd-113

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



22

Incident Energy (MeV)

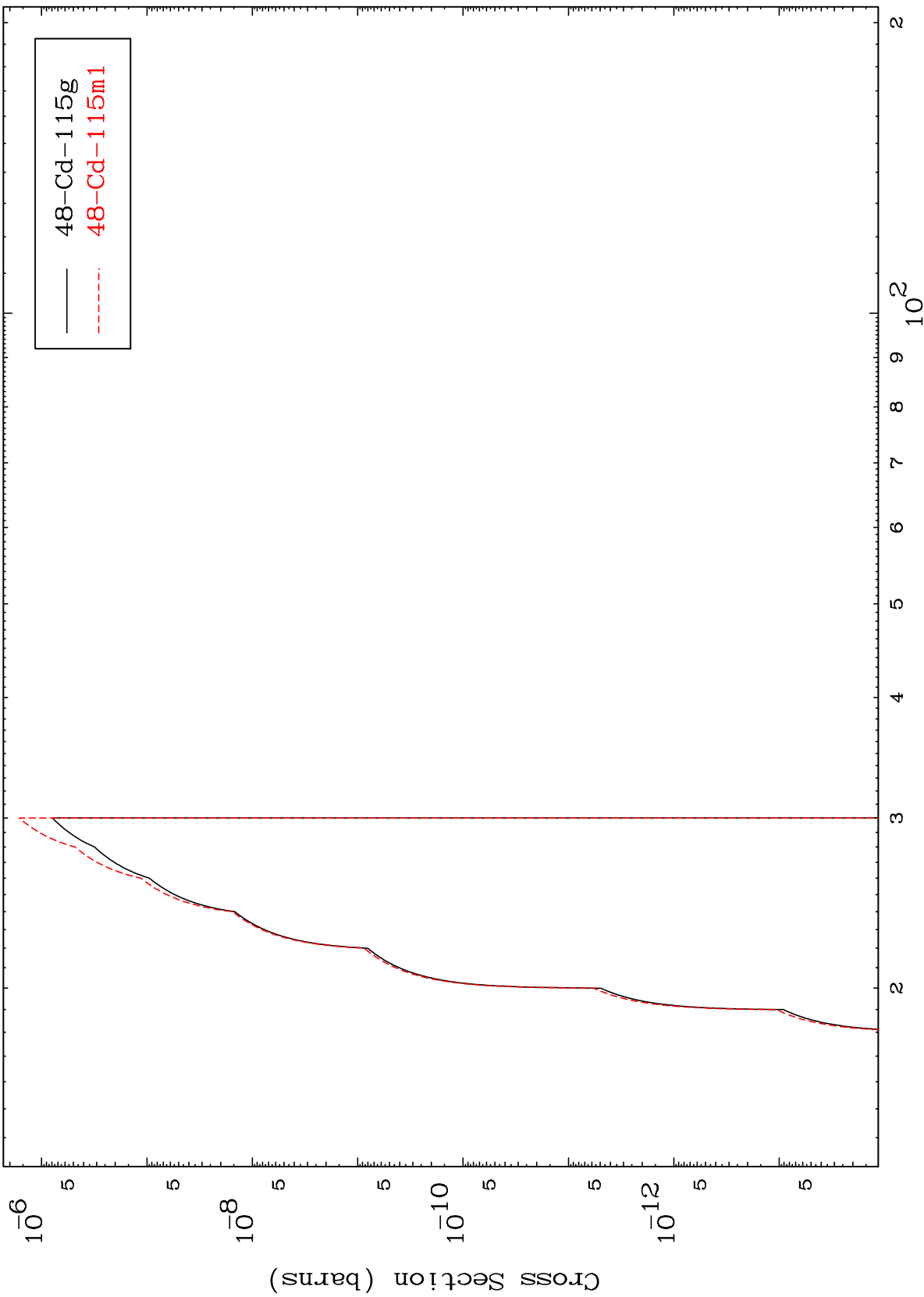
48-Cd-113

MAT 4846

48-Cd-113

($\alpha, 2p$)

Radionuclide Production Cross Section



23

48-Cd-113

Incident Energy (MeV)