

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

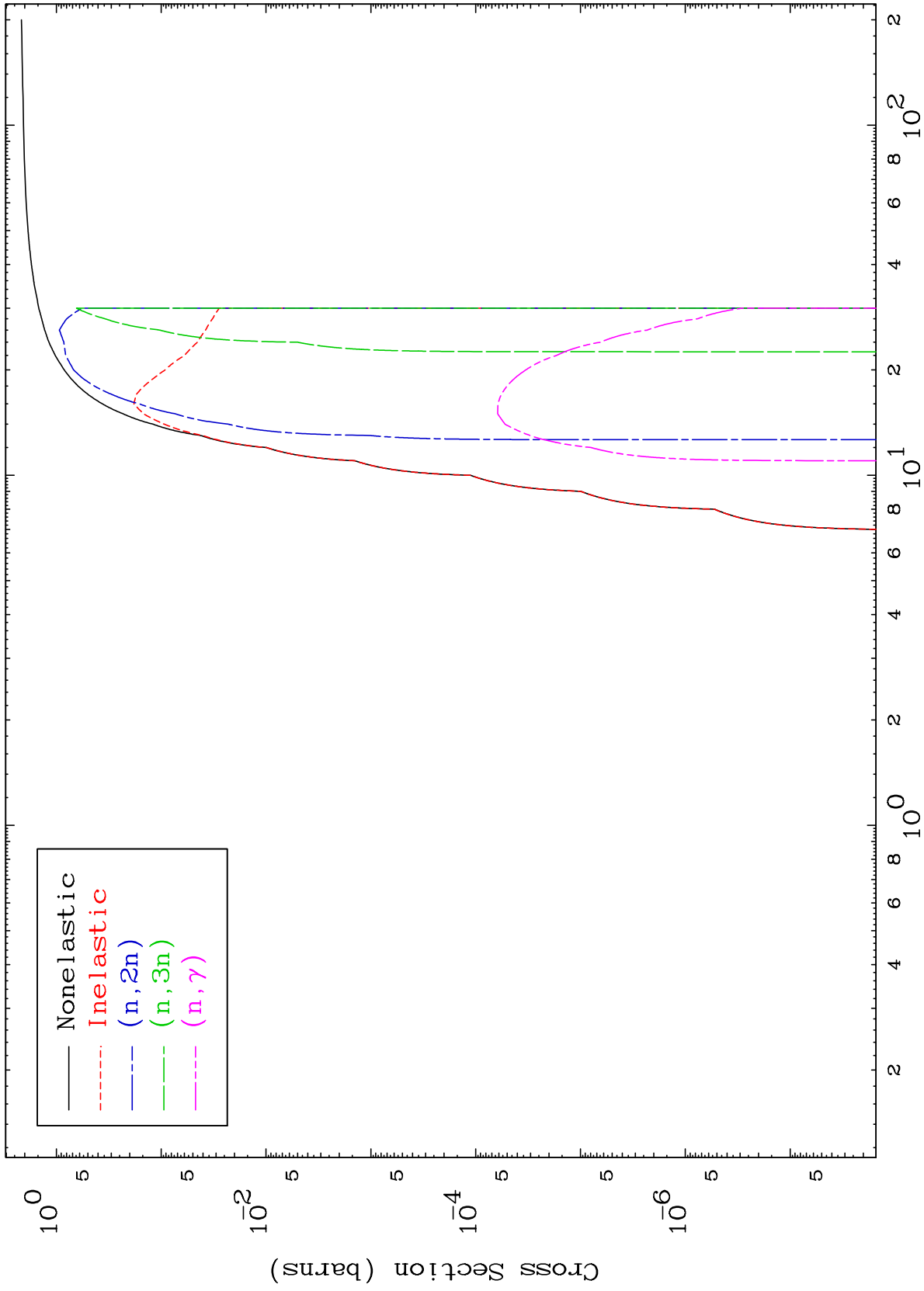
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4849

0 Kelvin α Major
Cross Sections

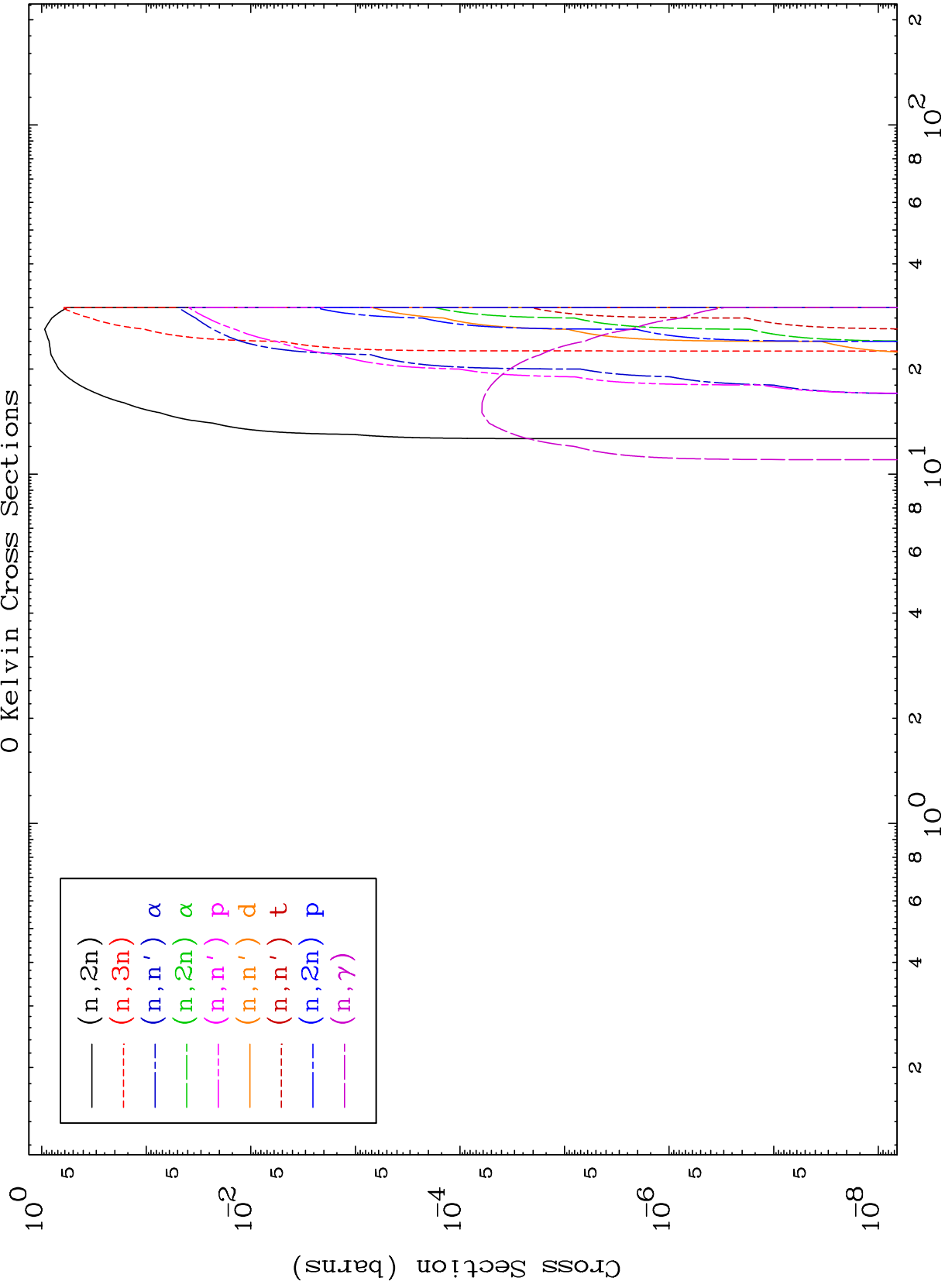
48-Cd-114



MAT 4849

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-114



2

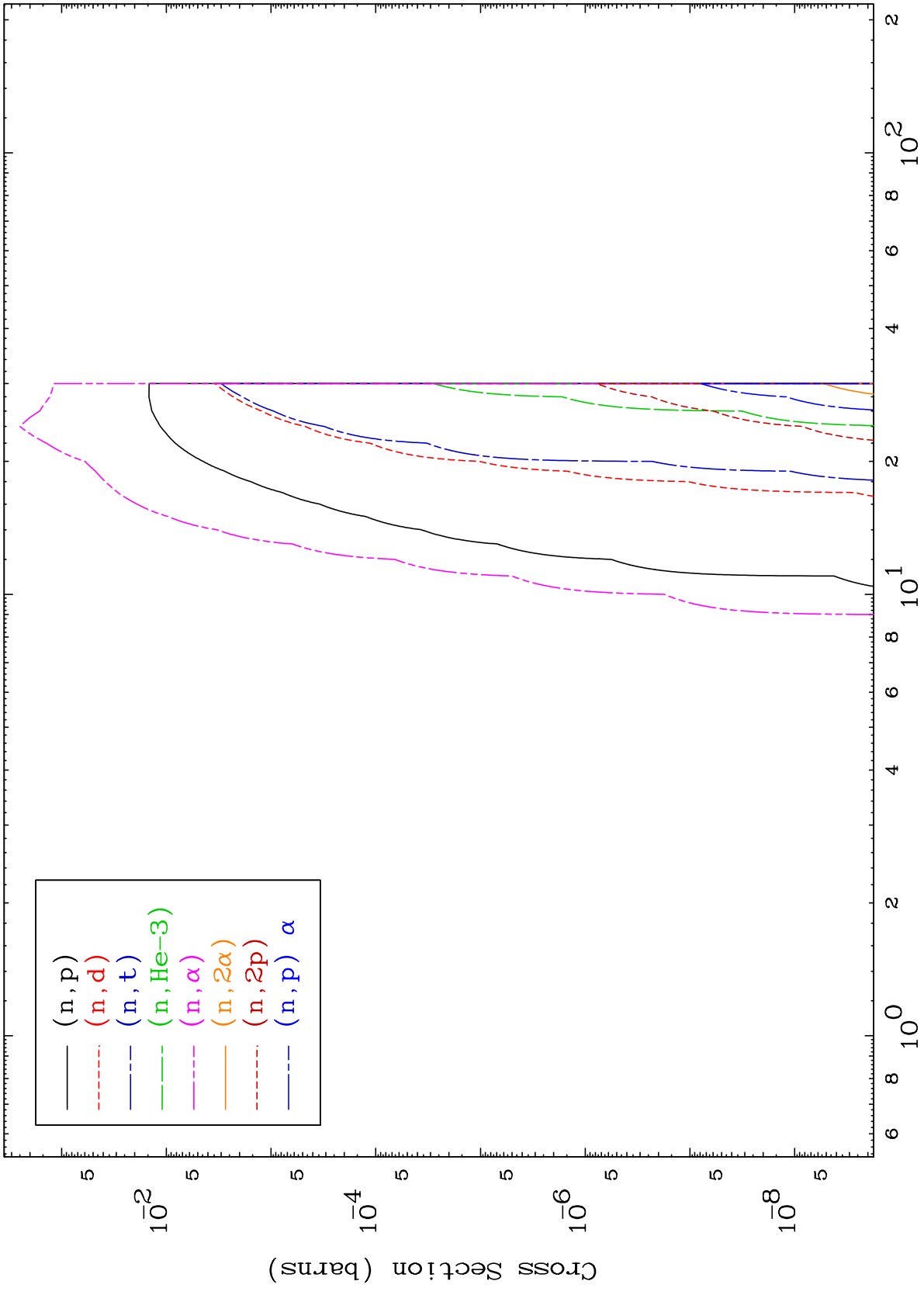
Incident Energy (MeV)

48-Cd-114

MAT 4849

α Neutron Absorption
0 Kelvin Cross Sections

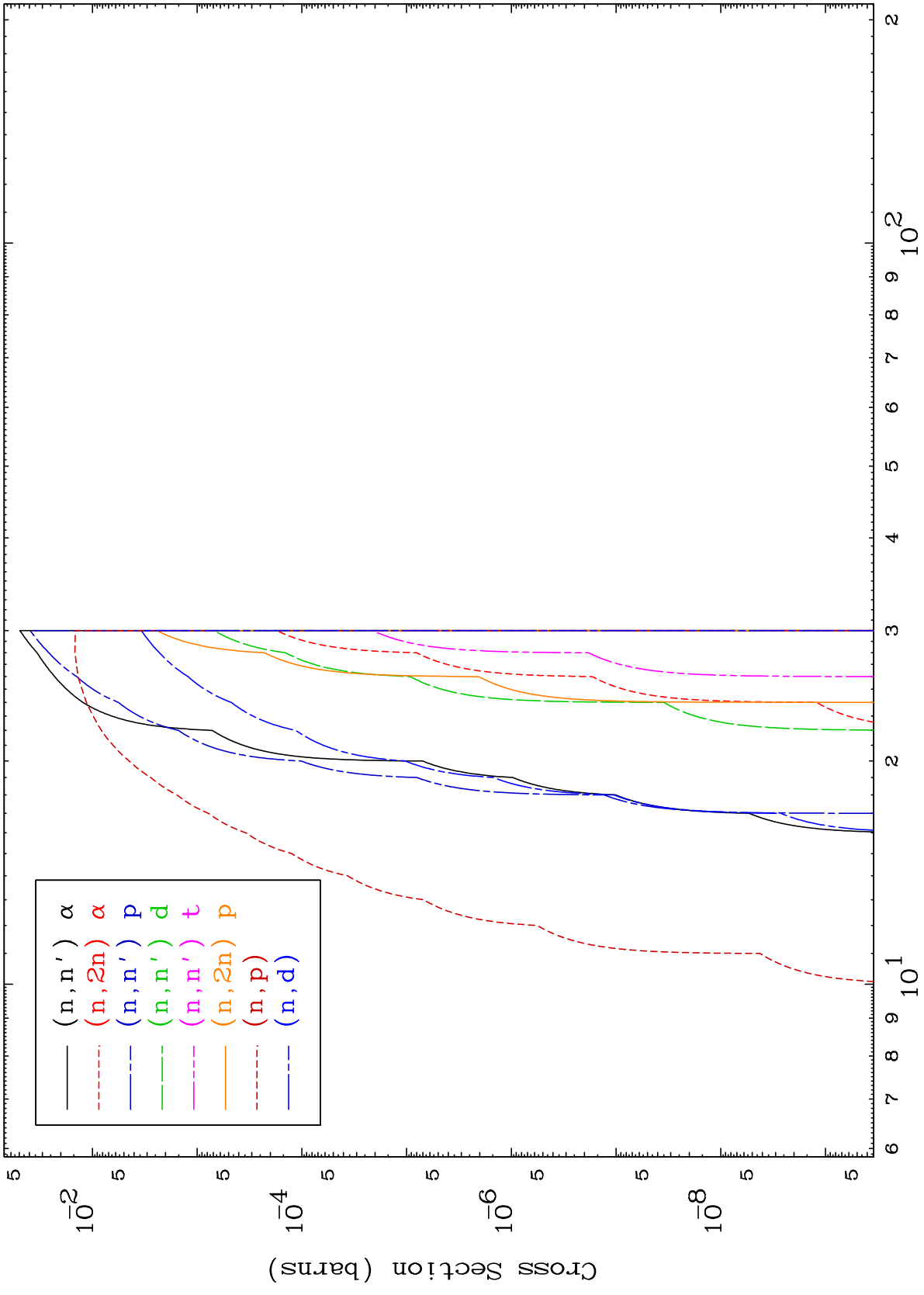
48-Cd-114



3

Incident Energy (MeV)

48-Cd-114

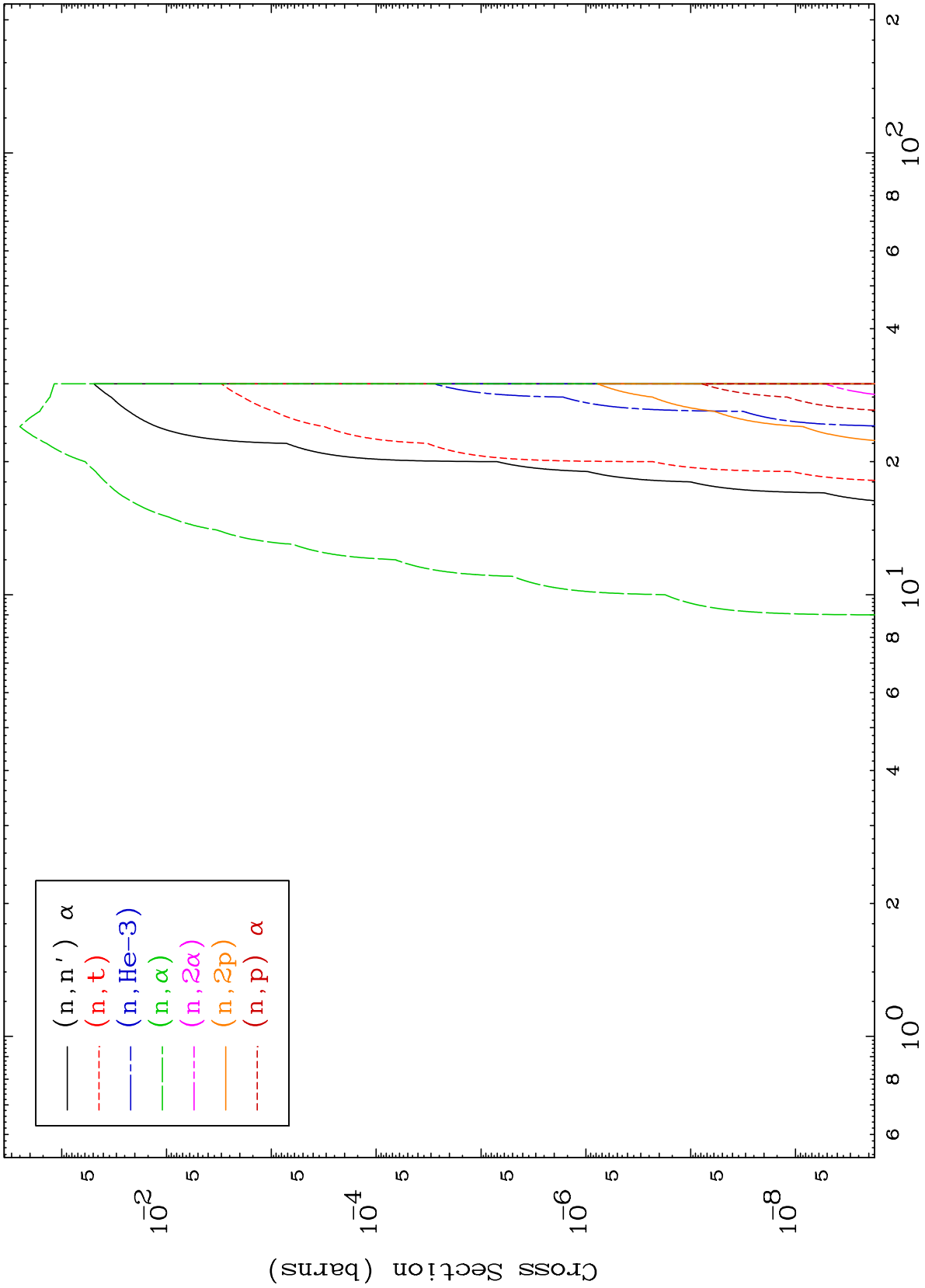


MAT 4849

α Charged Particle

48-Cd-114

0 Kelvin Cross Sections



5

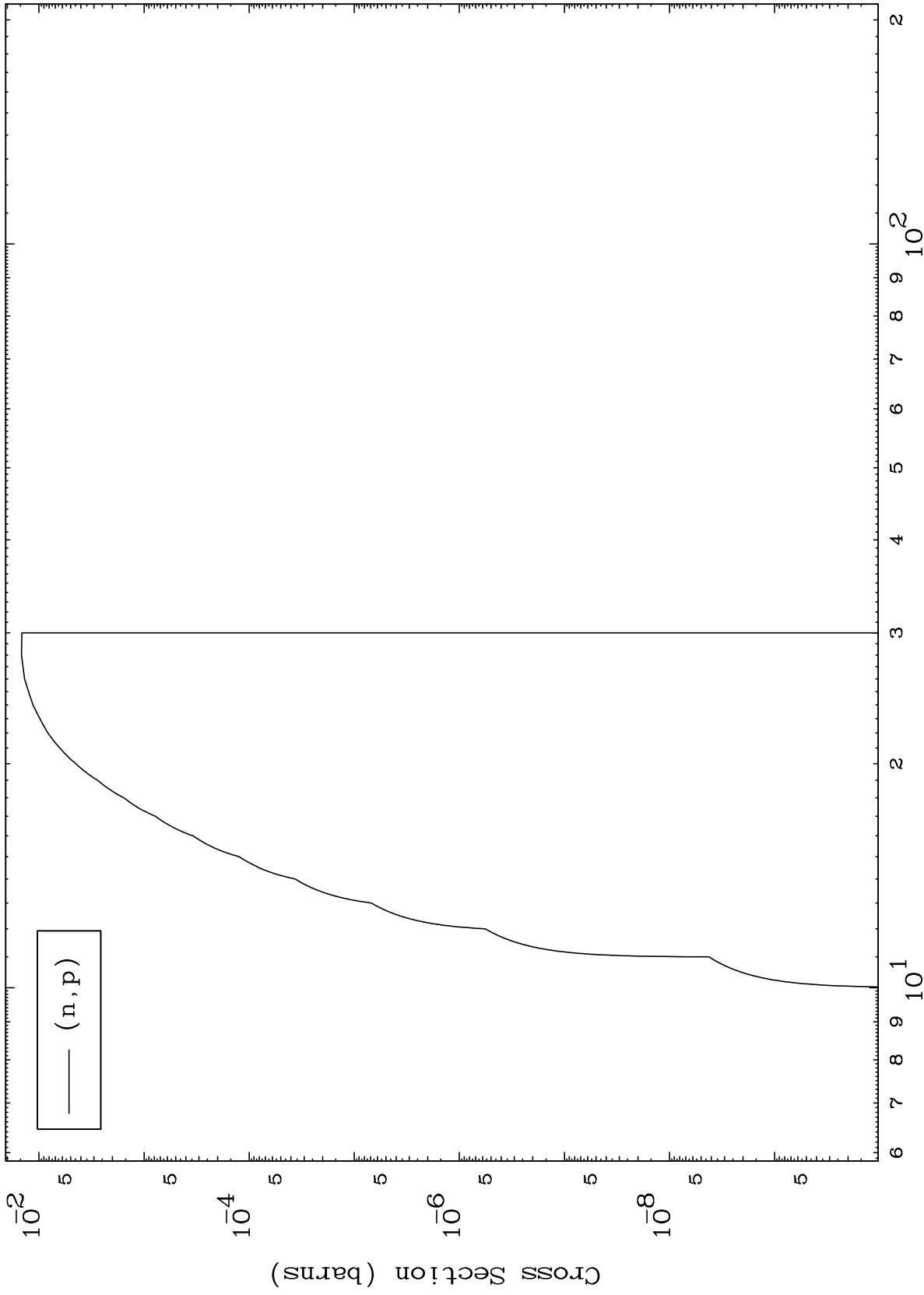
Incident Energy (MeV)

48-Cd-114

MAT 4849

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-114



6

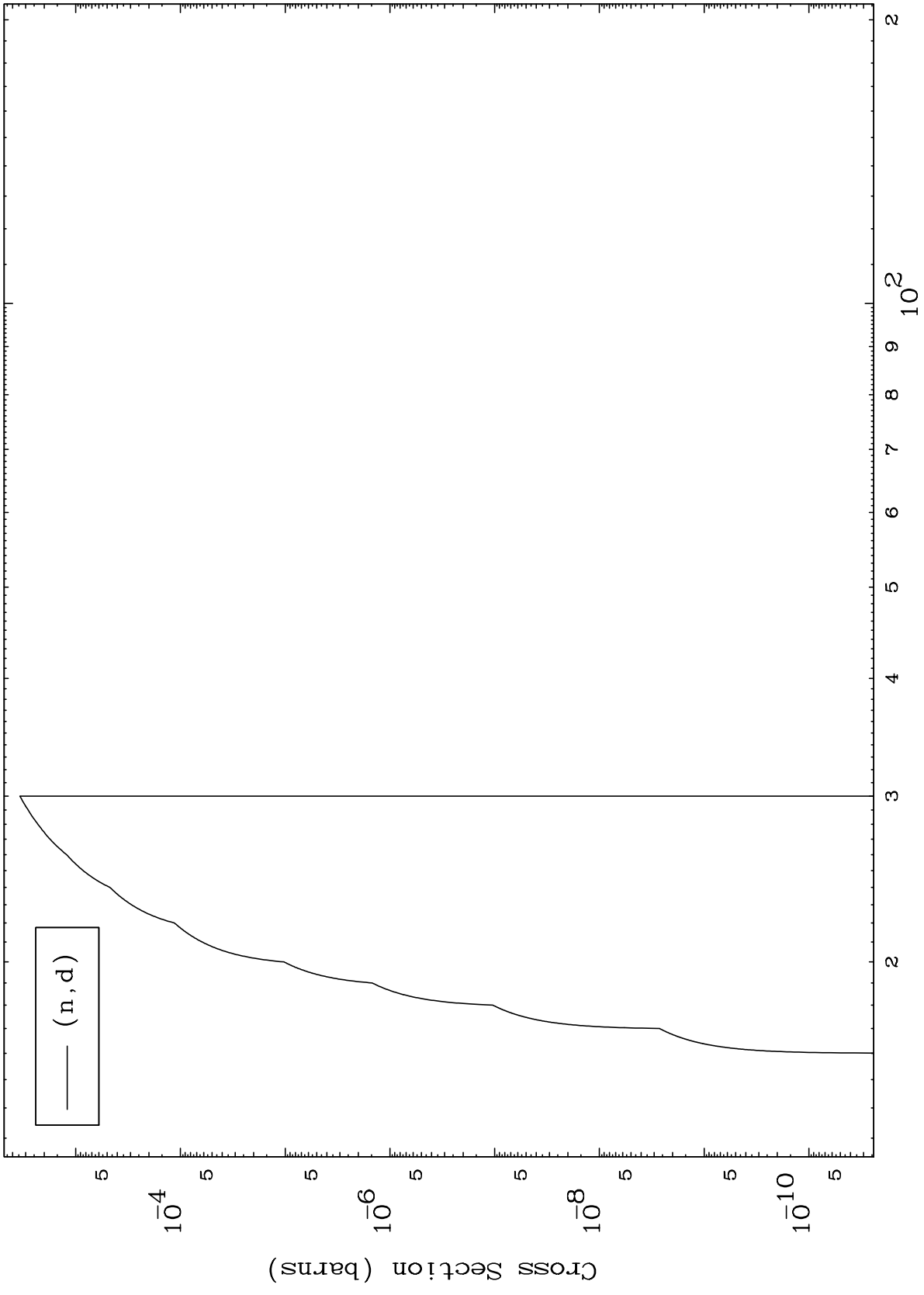
Incident Energy (MeV)

48-Cd-114

MAT 4849

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-114



7

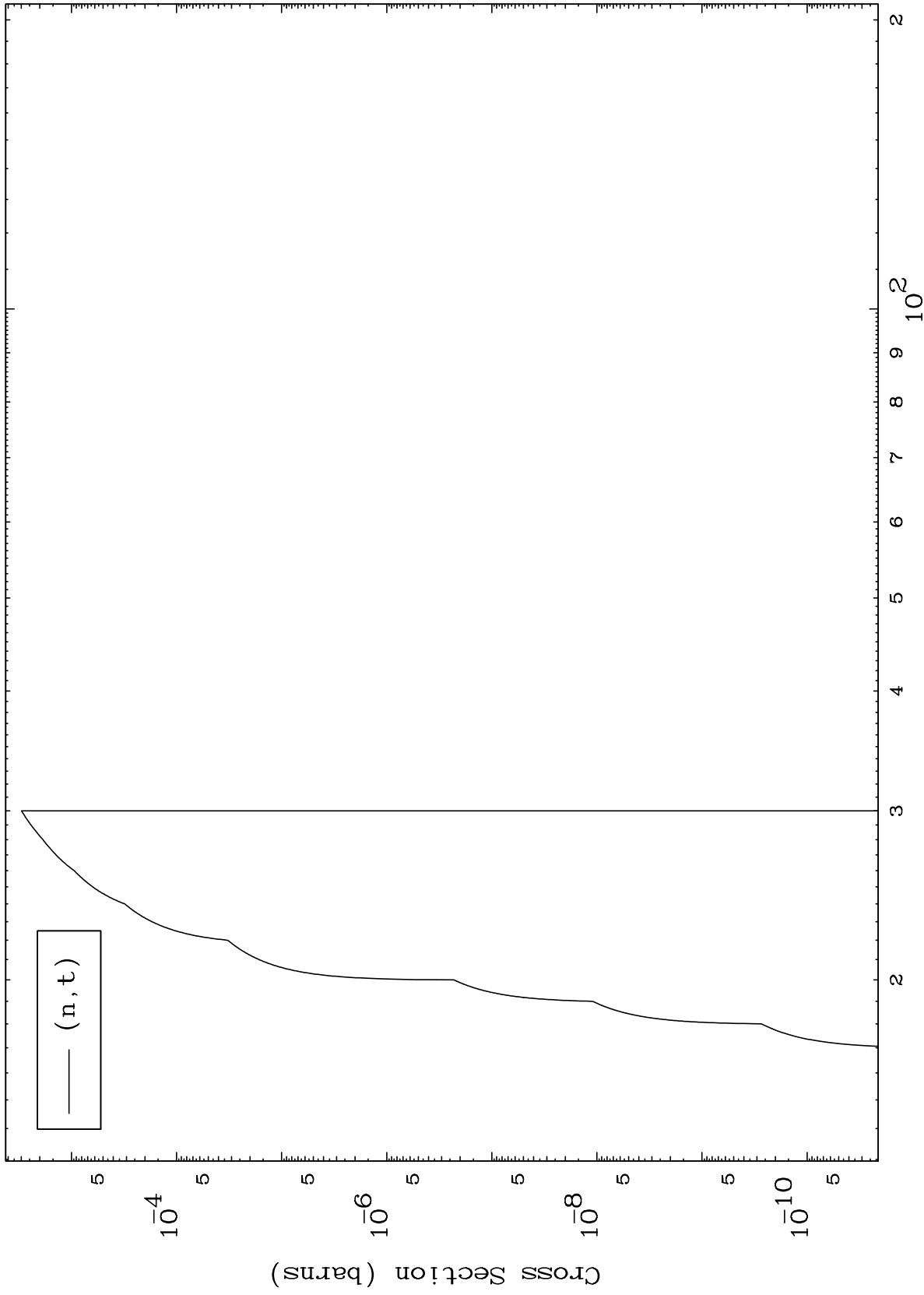
Incident Energy (MeV)

48-Cd-114

MAT 4849

(α, t) Levels
0 Kelvin Cross Sections

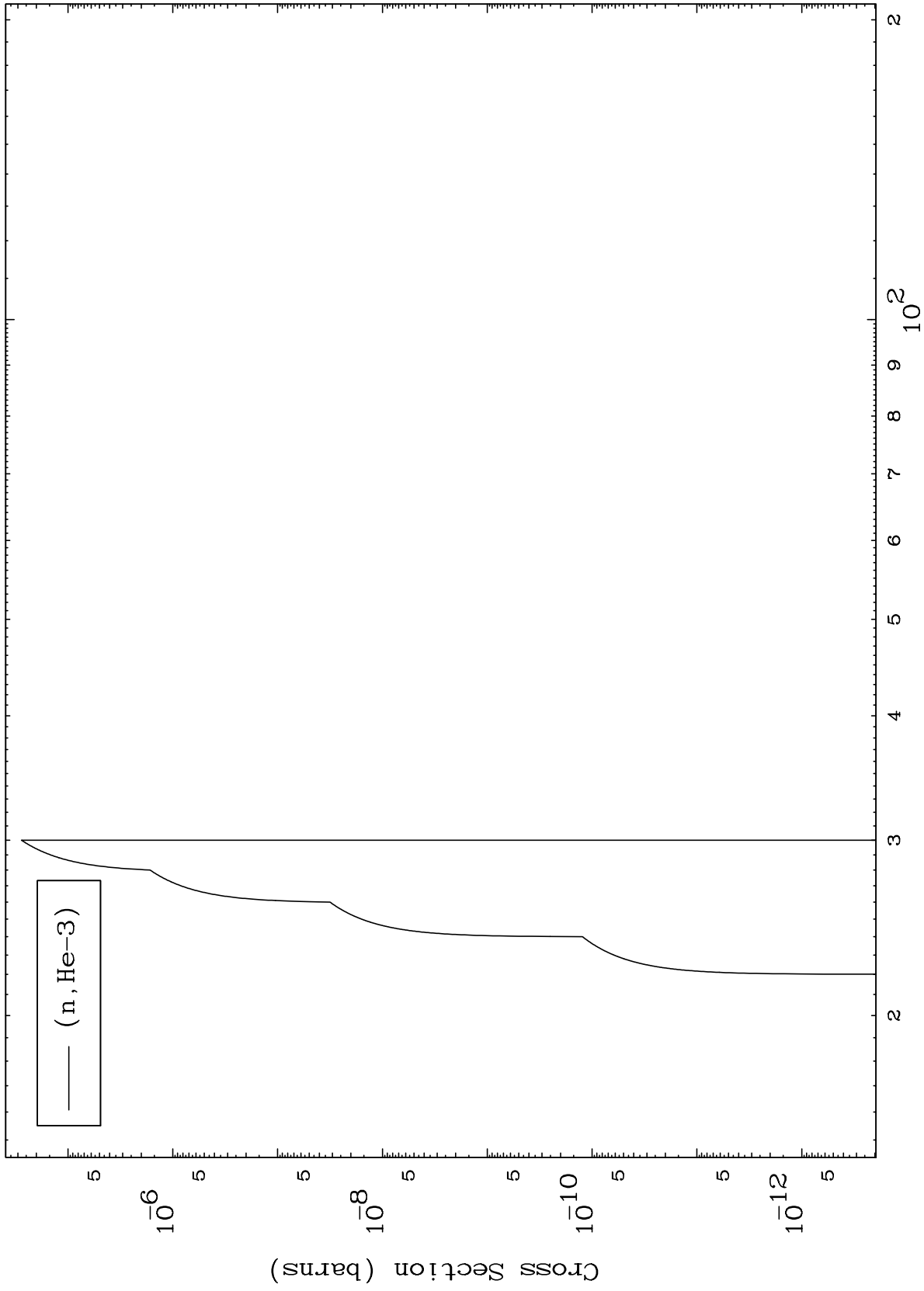
48-Cd-114



8

Incident Energy (MeV)

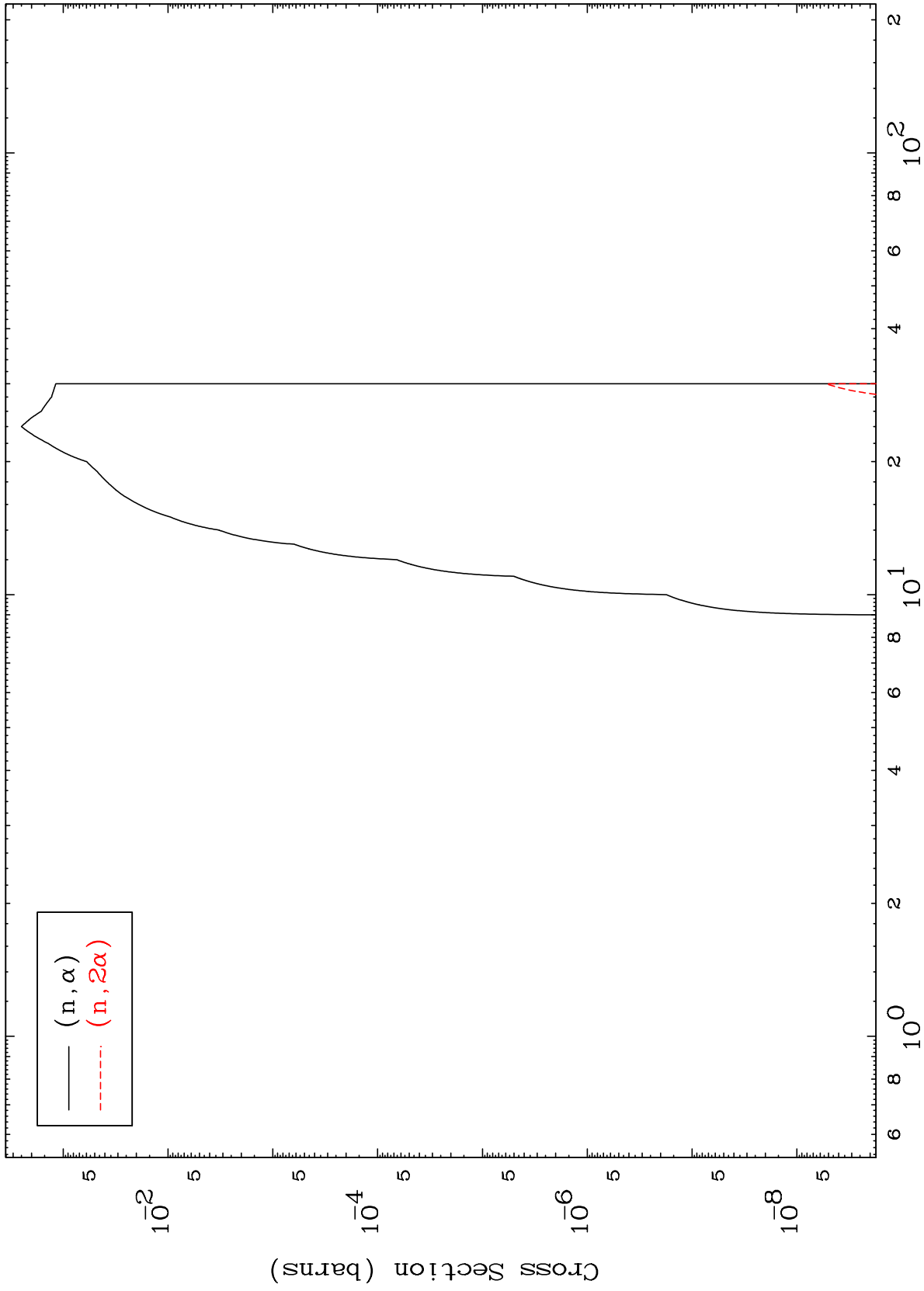
48-Cd-114



MAT 4849

0 Kelvin Cross Sections
(α, α) Levels

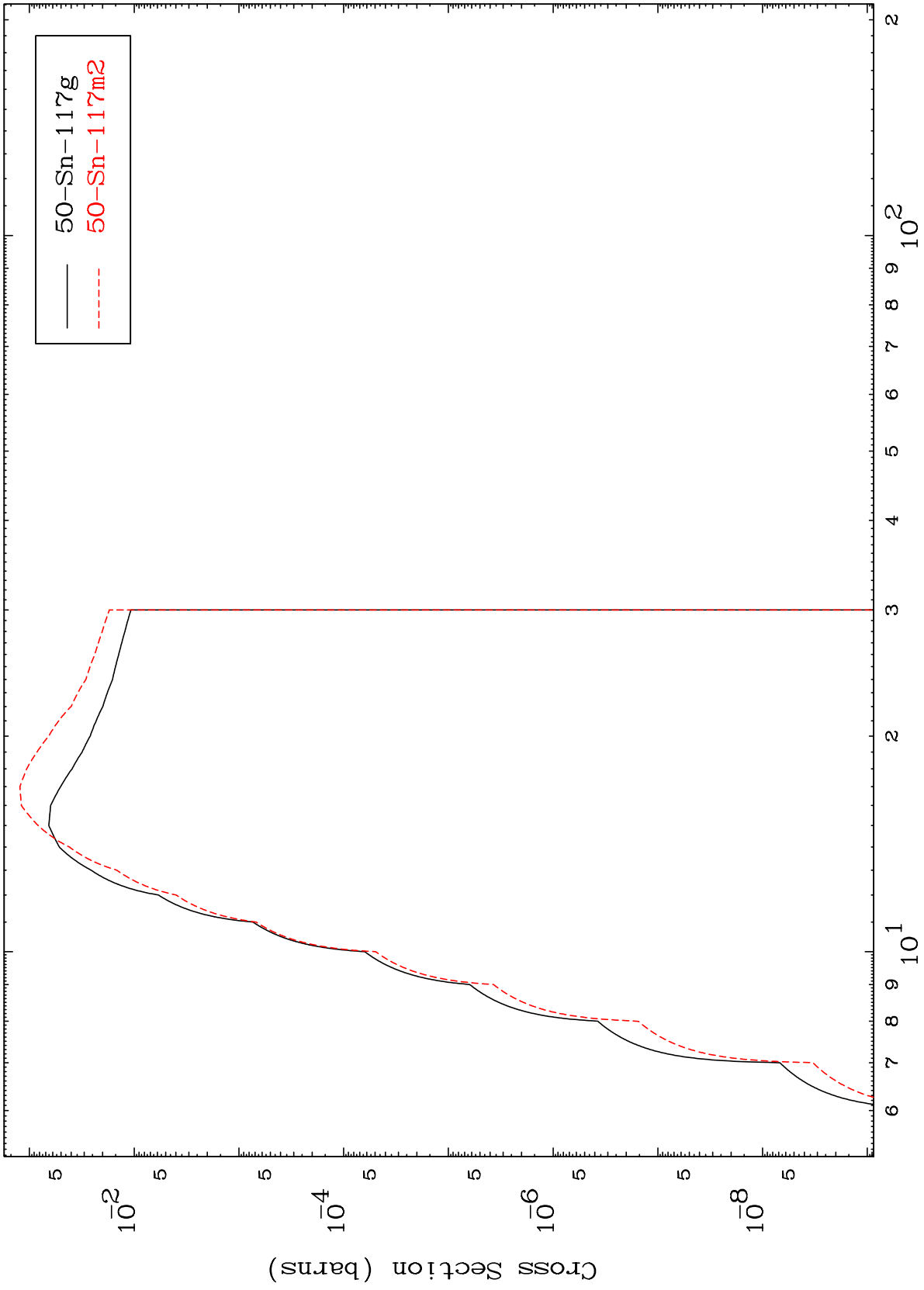
48-Cd-114



MAT 4849

48-Cd-114

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

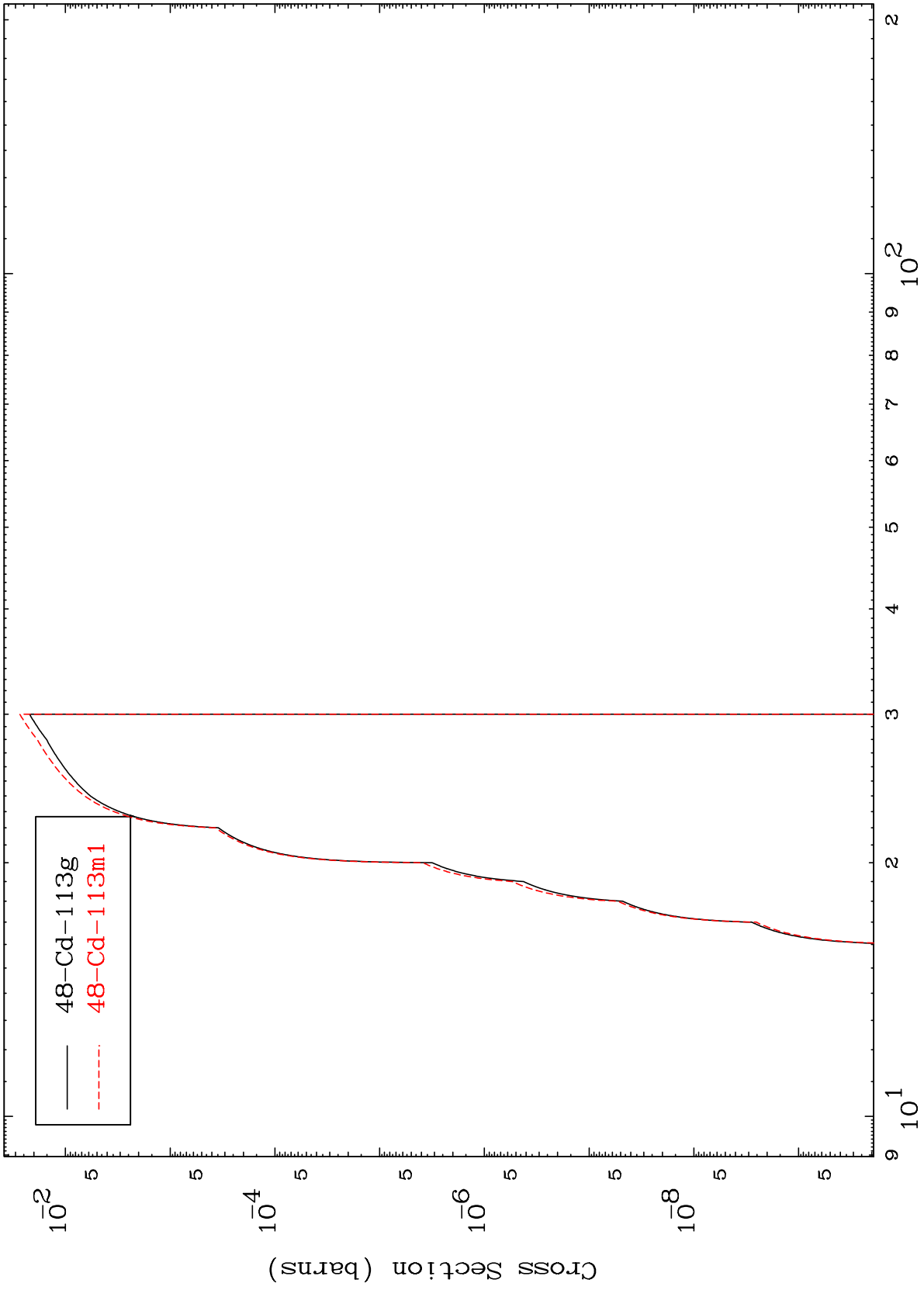
48-Cd-114

MAT 4849

(n,n') α

48-Cd-114

Radionuclide Production Cross Section



48-Cd-113g
48-Cd-113m1

12

Incident Energy (MeV)

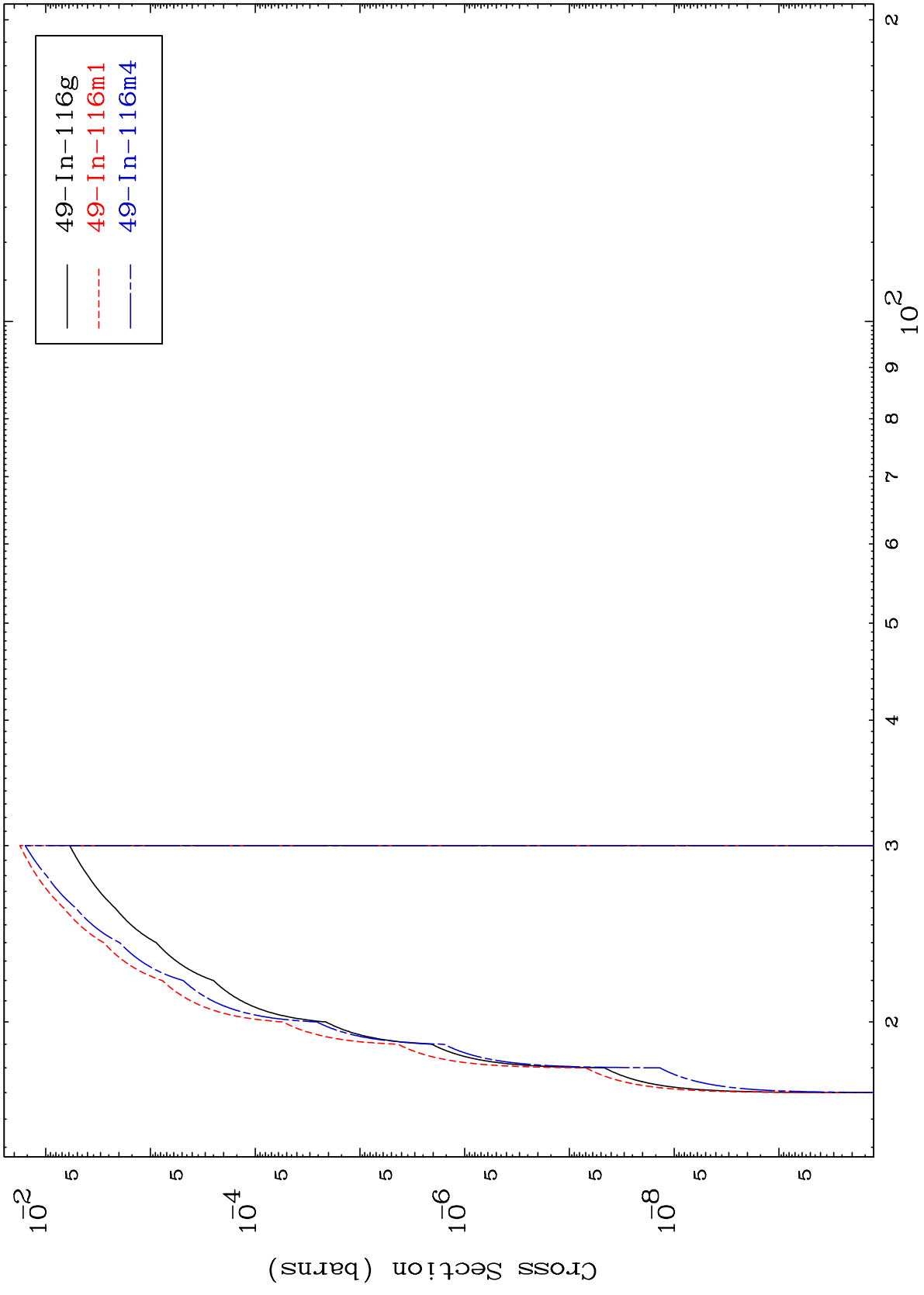
48-Cd-114

MAT 4849

(n,n') p

48-Cd-114

Radionuclide Production Cross Section



13

Incident Energy (MeV)

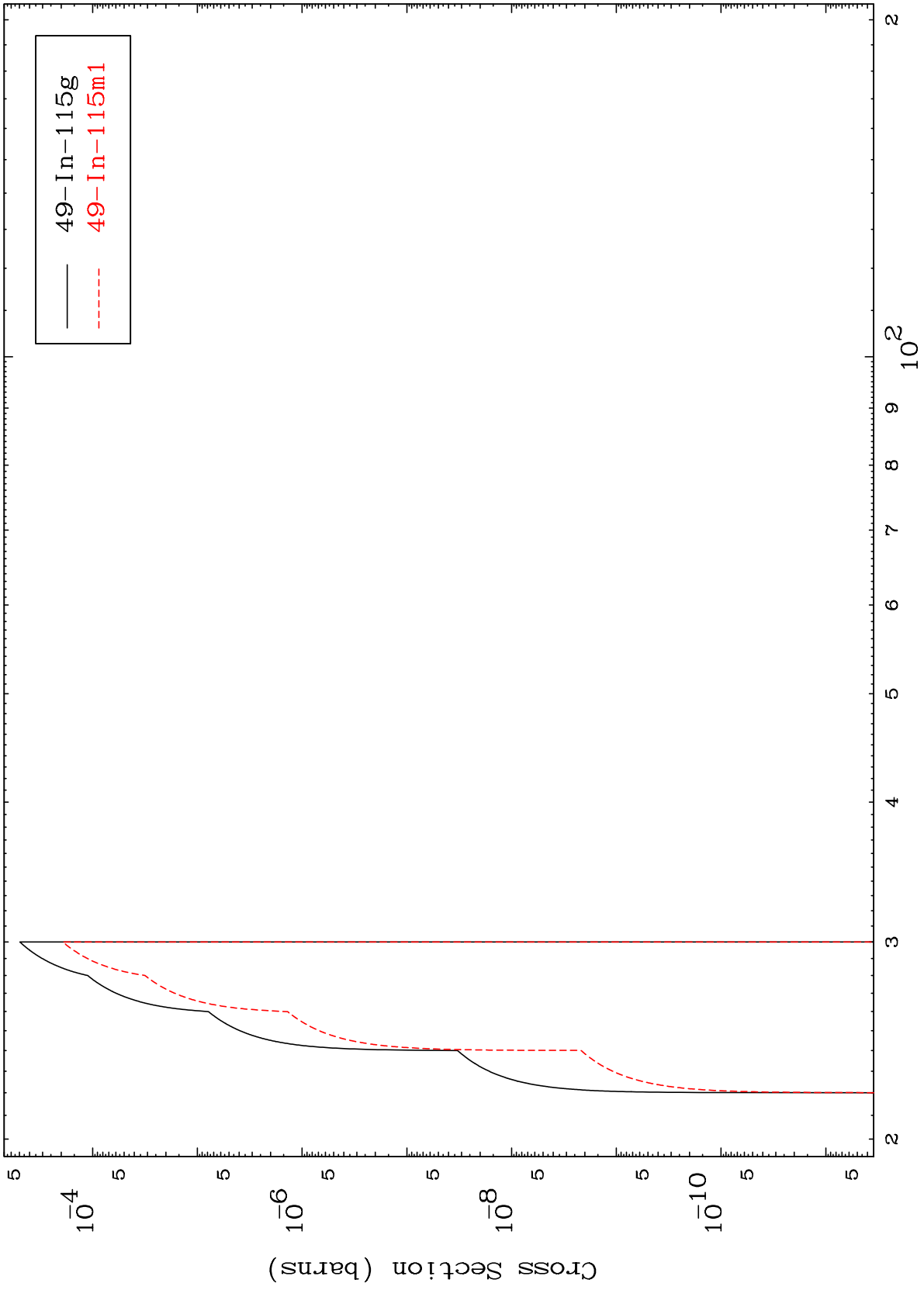
48-Cd-114

MAT 4849

(n,n') d

48-Cd-114

Radionuclide Production Cross Section



14

Incident Energy (MeV)

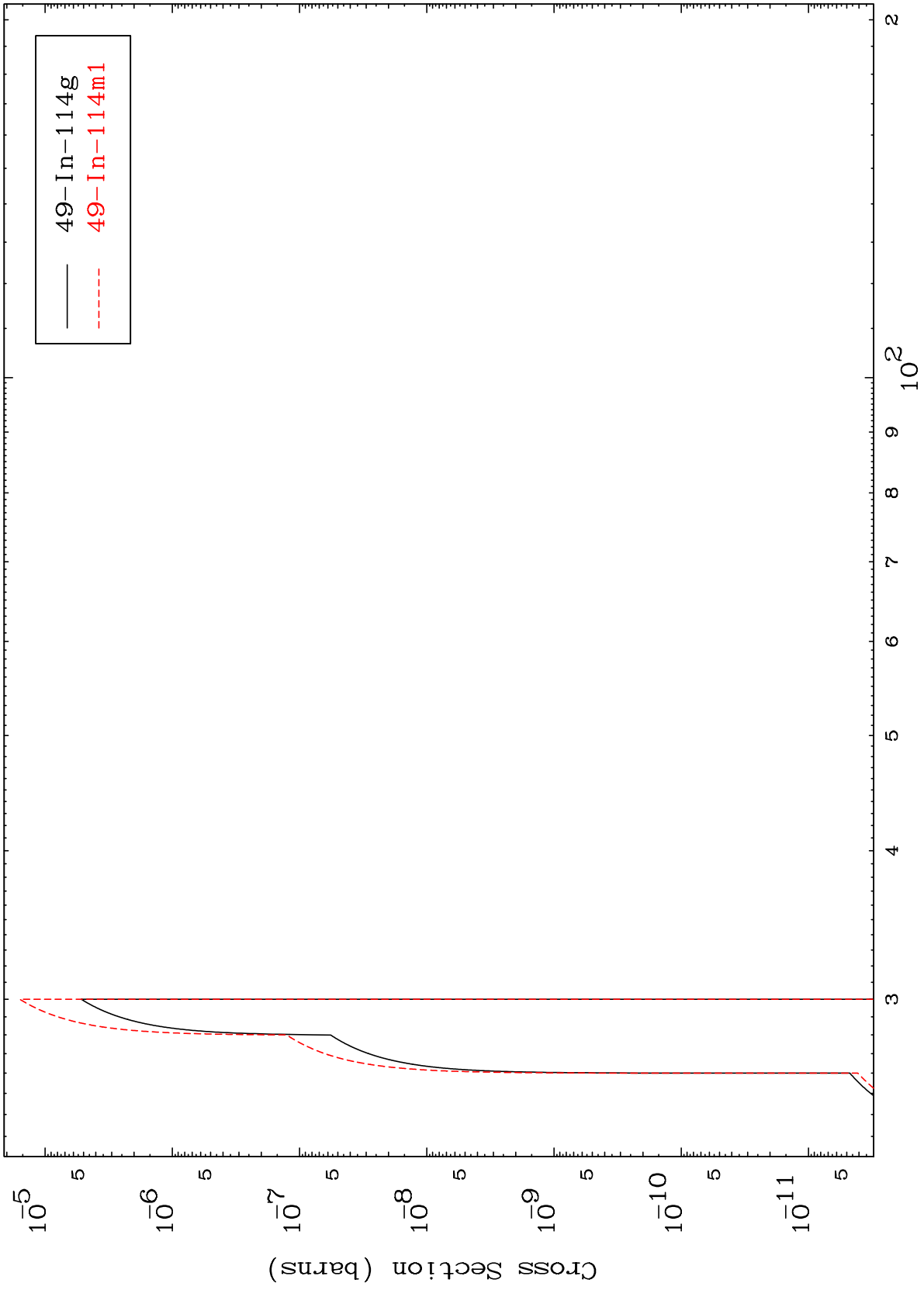
48-Cd-114

MAT 4849

(n,n') t

48-Cd-114

Radionuclide Production Cross Section



15

Incident Energy (MeV)

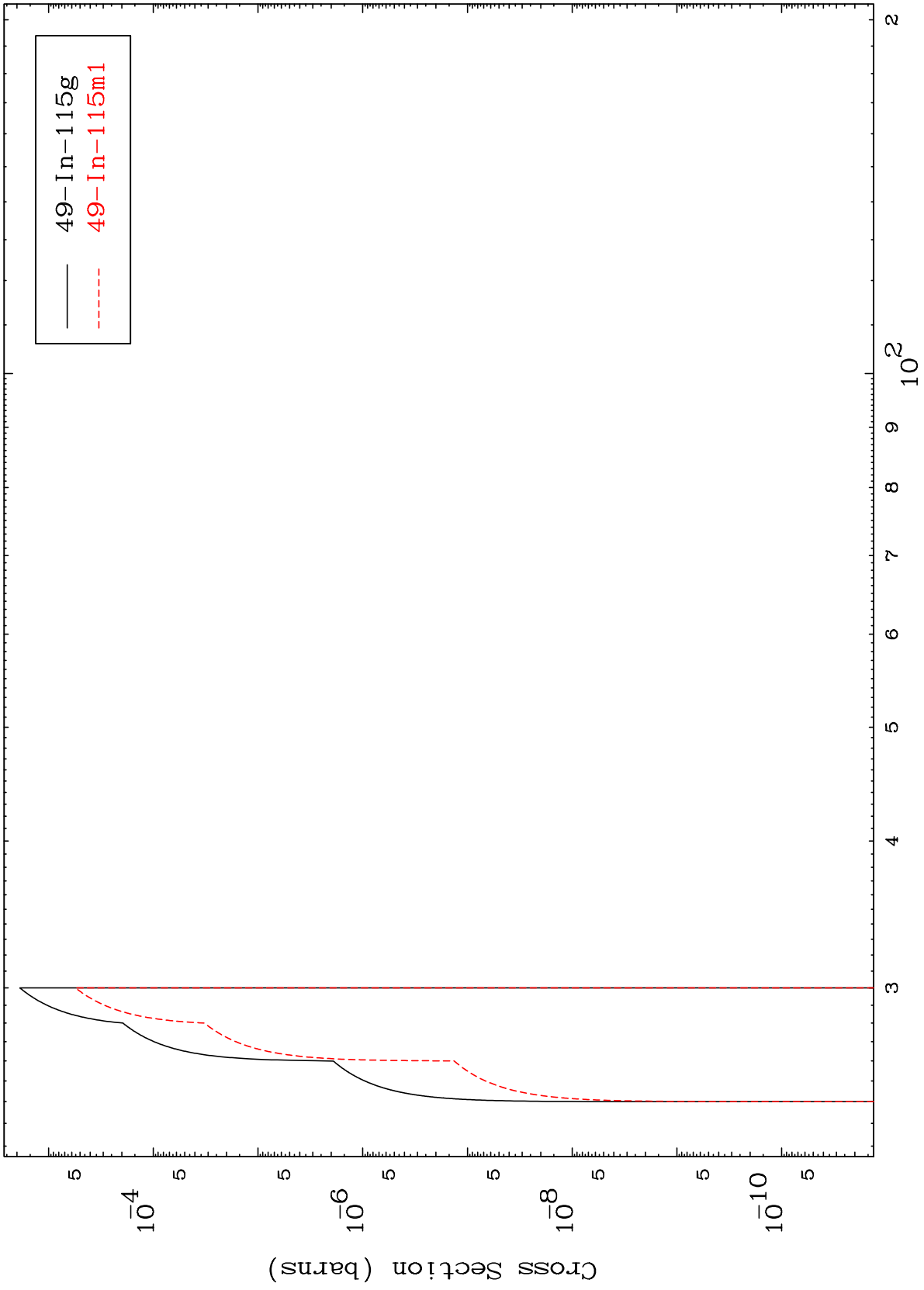
48-Cd-114

MAT 4849

(n,2n) p

48-Cd-114

Radionuclide Production Cross Section



16

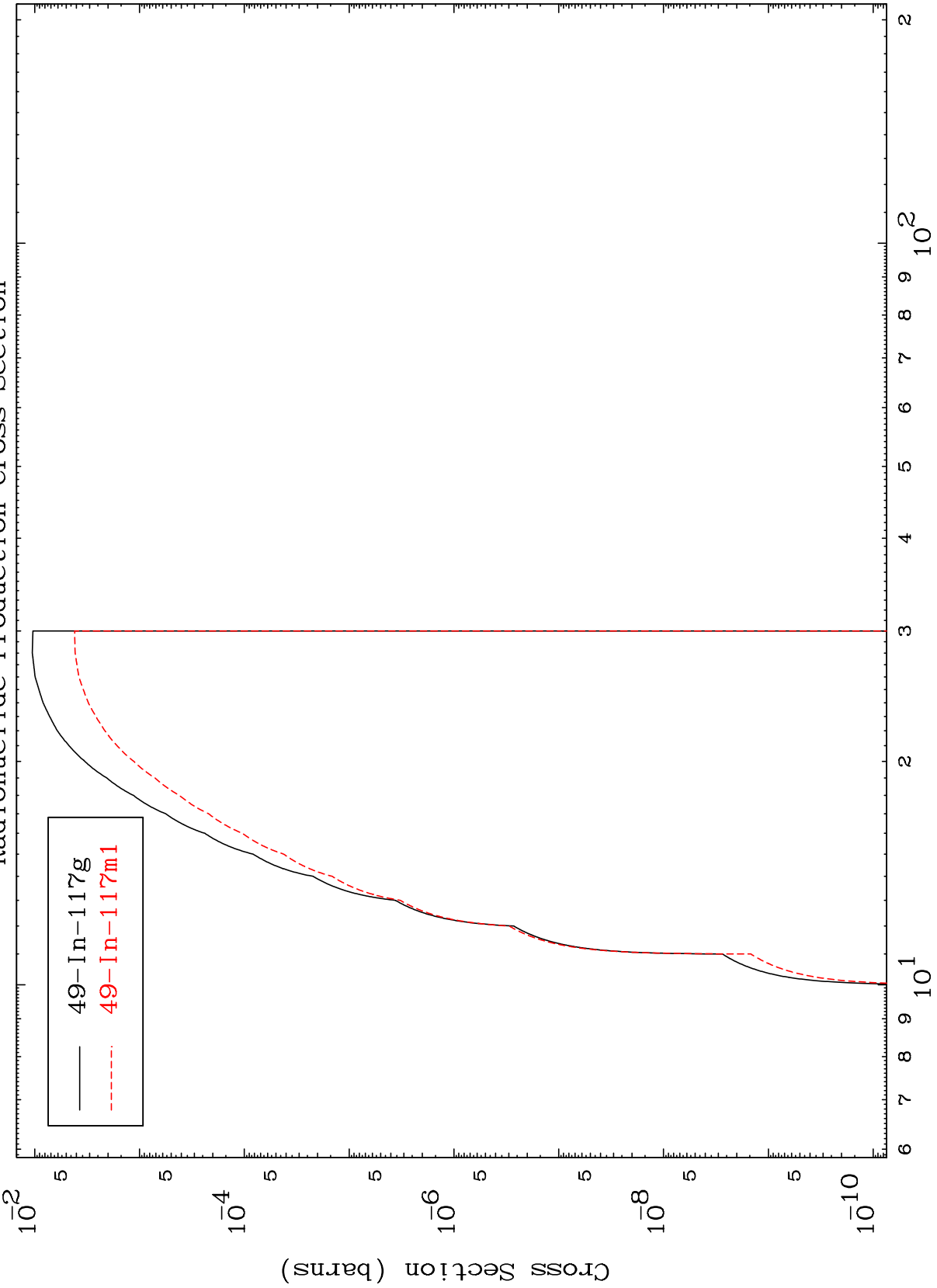
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

Radionuclide Production Cross Section (n,p)



17

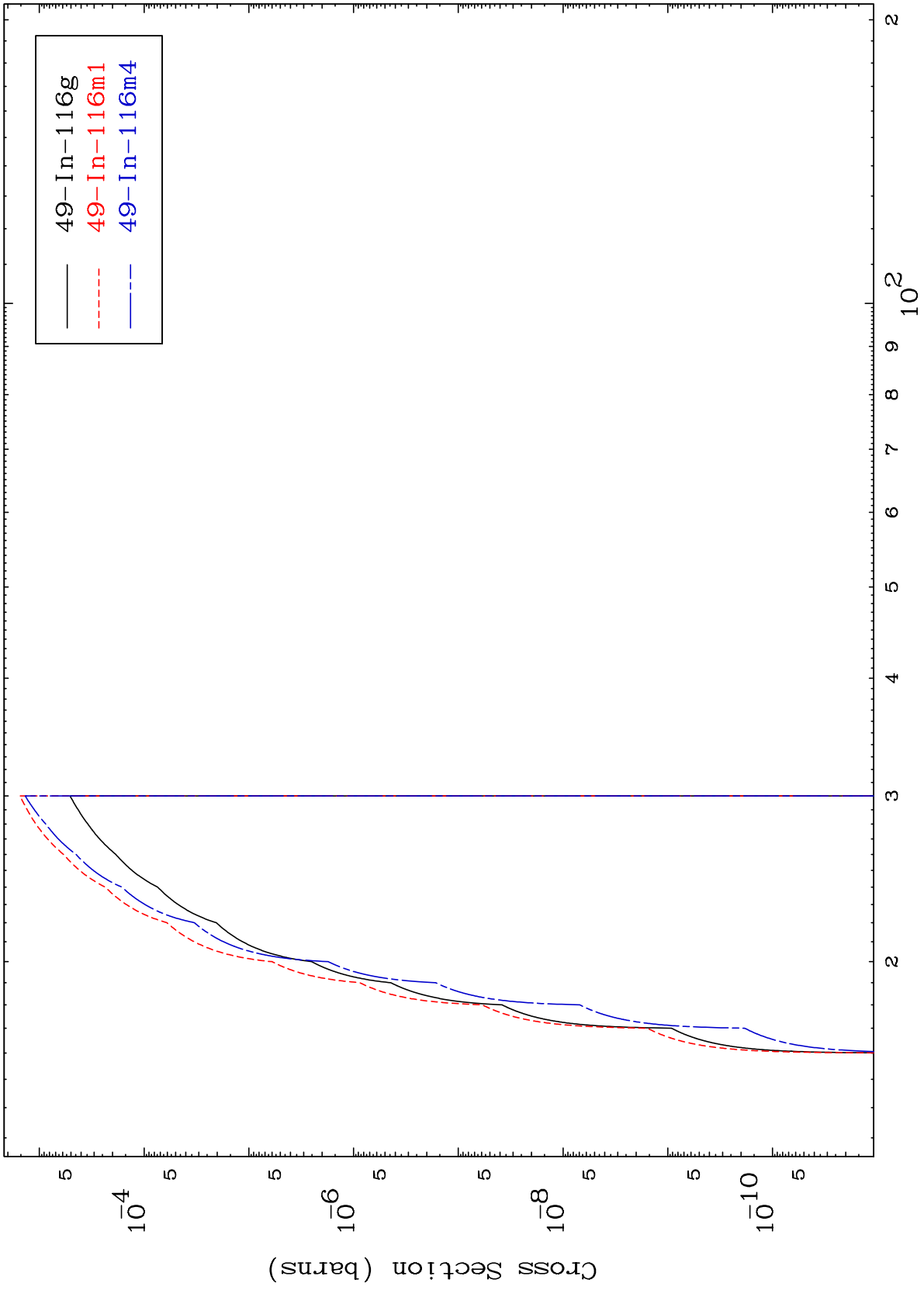
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(n,d)
Radionuclide Production Cross Section



18

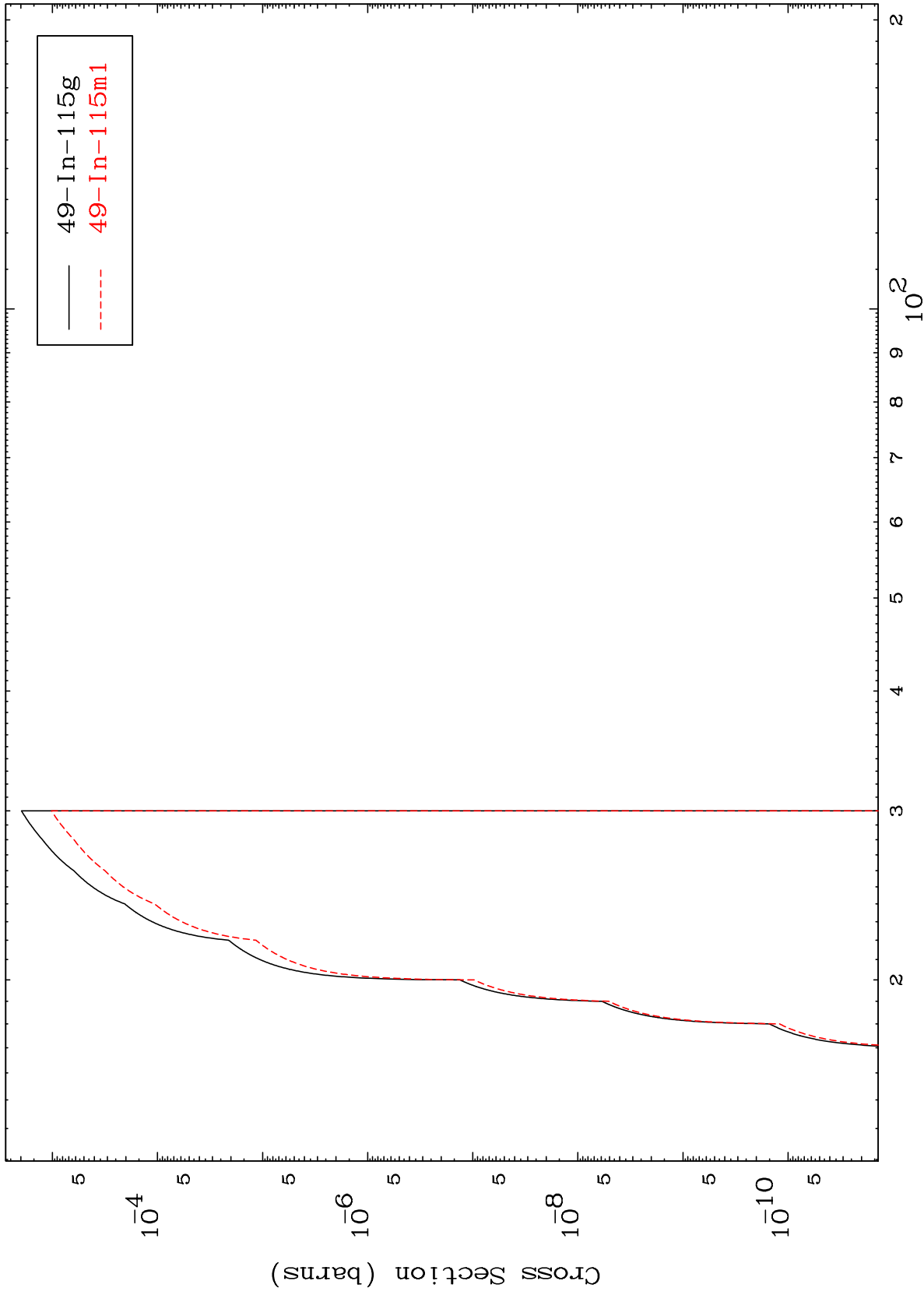
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(n, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

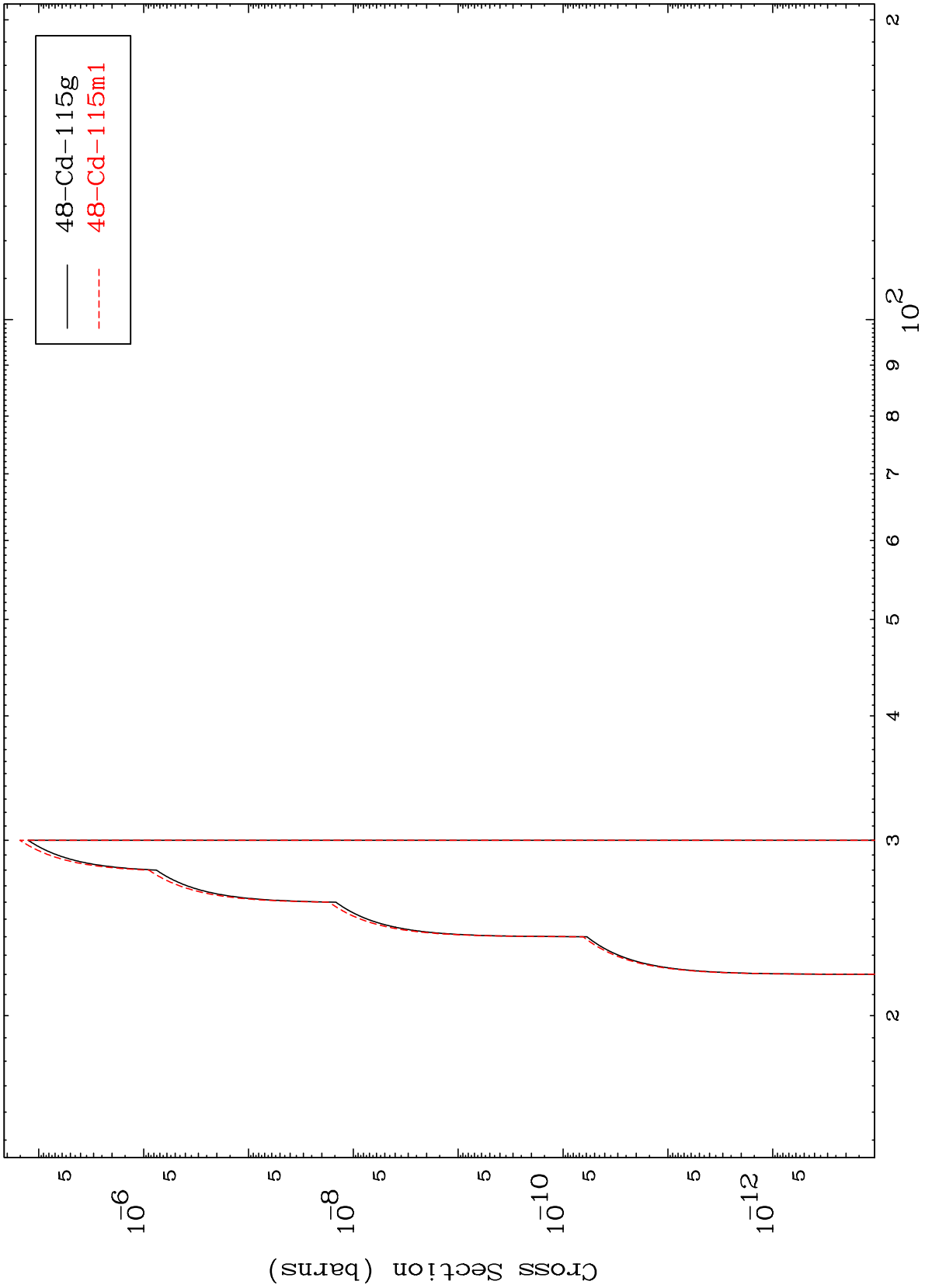
48-Cd-114

MAT 4849

(n,He-3)

48-Cd-114

Radionuclide Production Cross Section



20

Incident Energy (MeV)

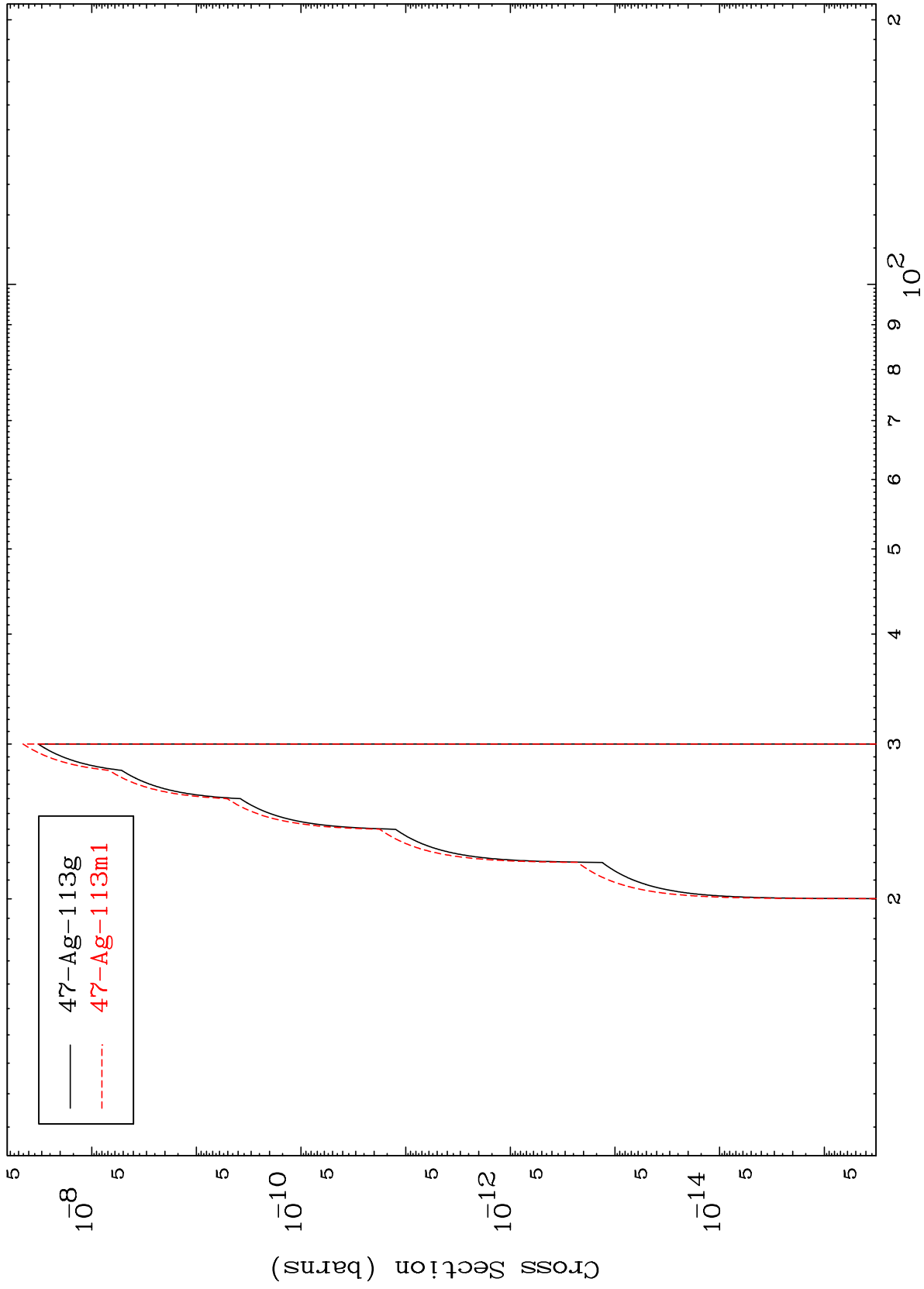
48-Cd-114

MAT 4849

(n,p) α

48-Cd-114

Radionuclide Production Cross Section



21

Incident Energy (MeV)

48-Cd-114