

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

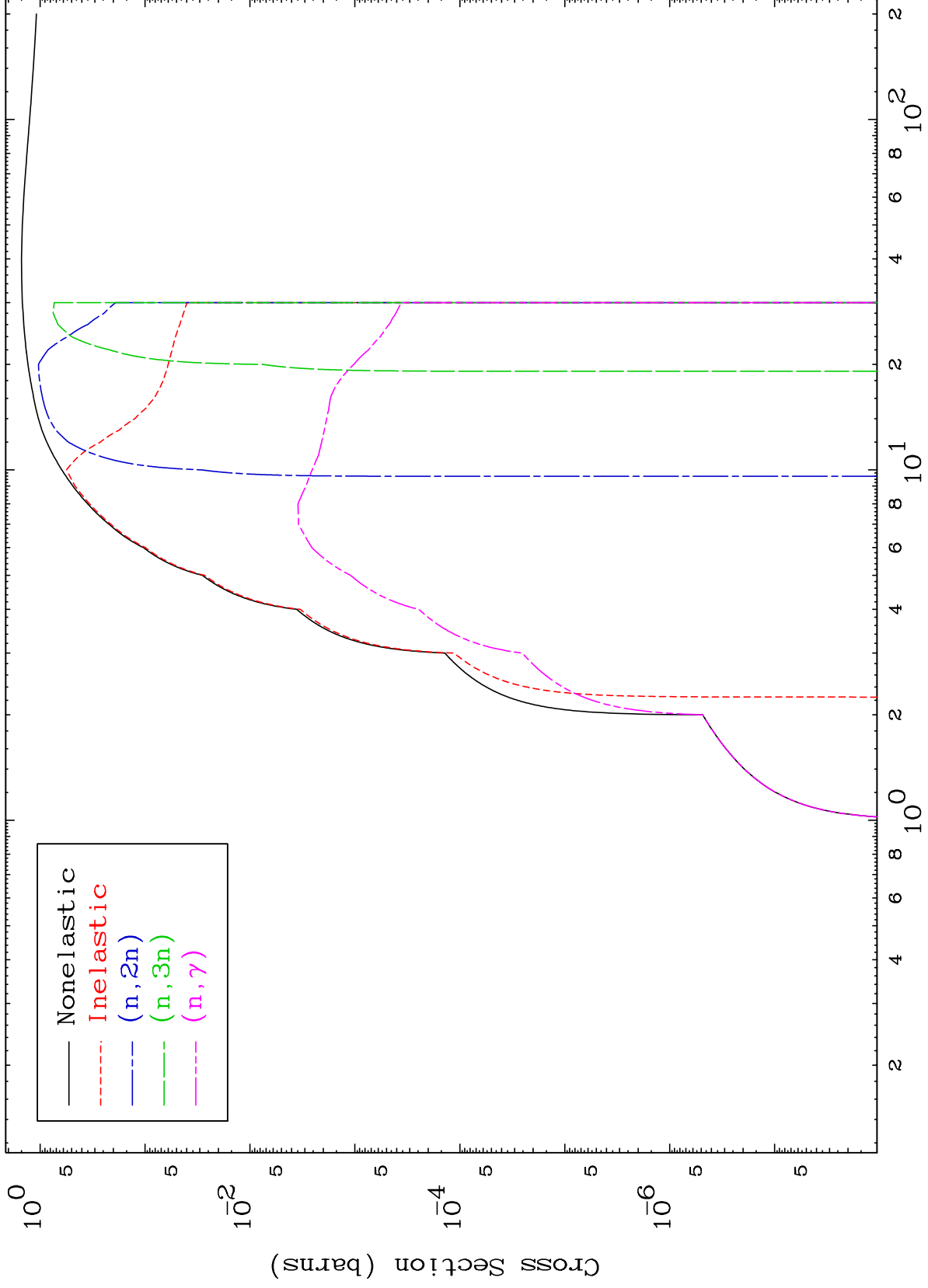
Press Mouse Button to Start

MAT 4849

Proton Major

48-Cd-114

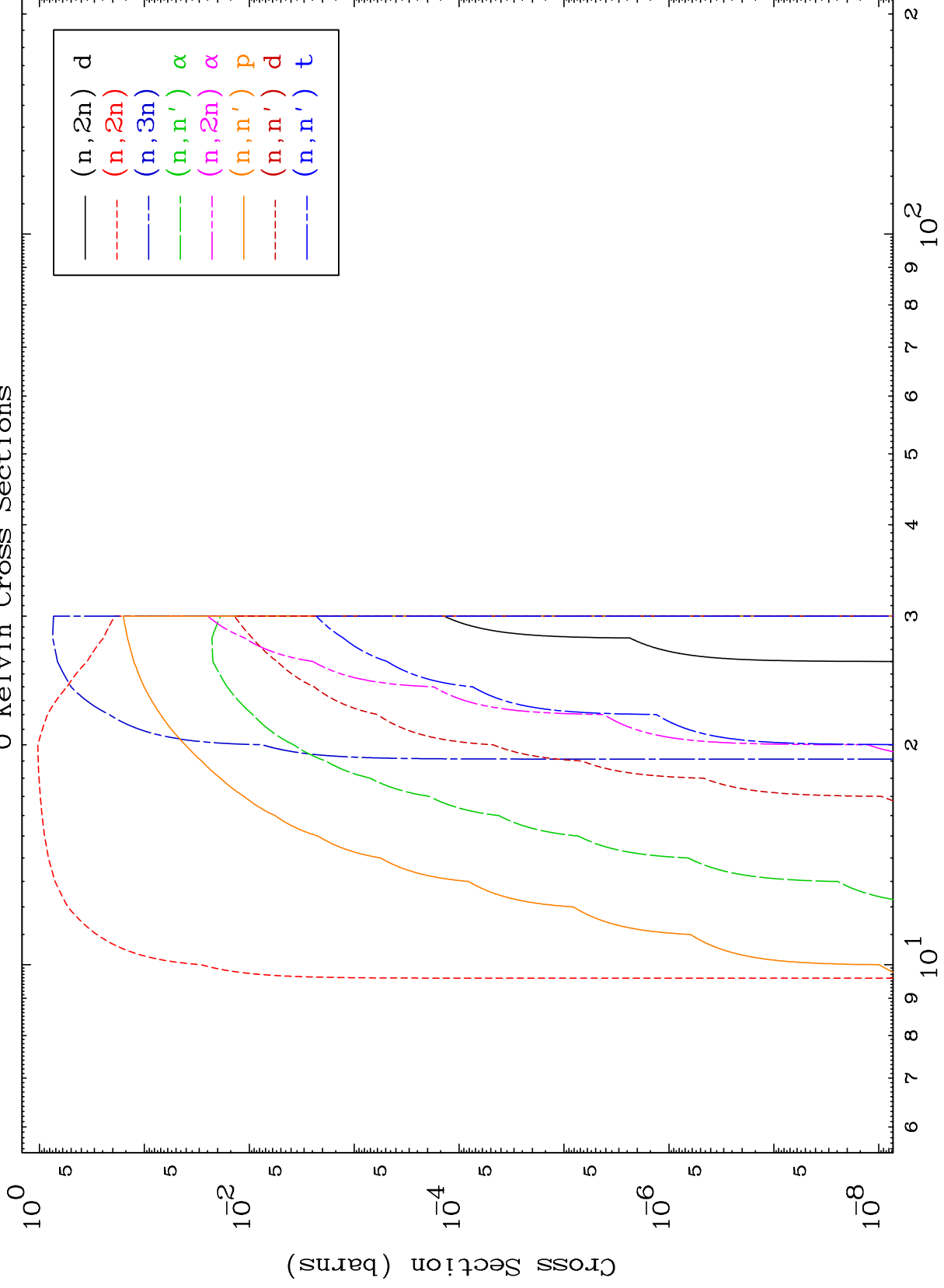
0 Kelvin Cross Sections



MAT 4849

Proton Neutron Absorption
0 Kelvin Cross Sections

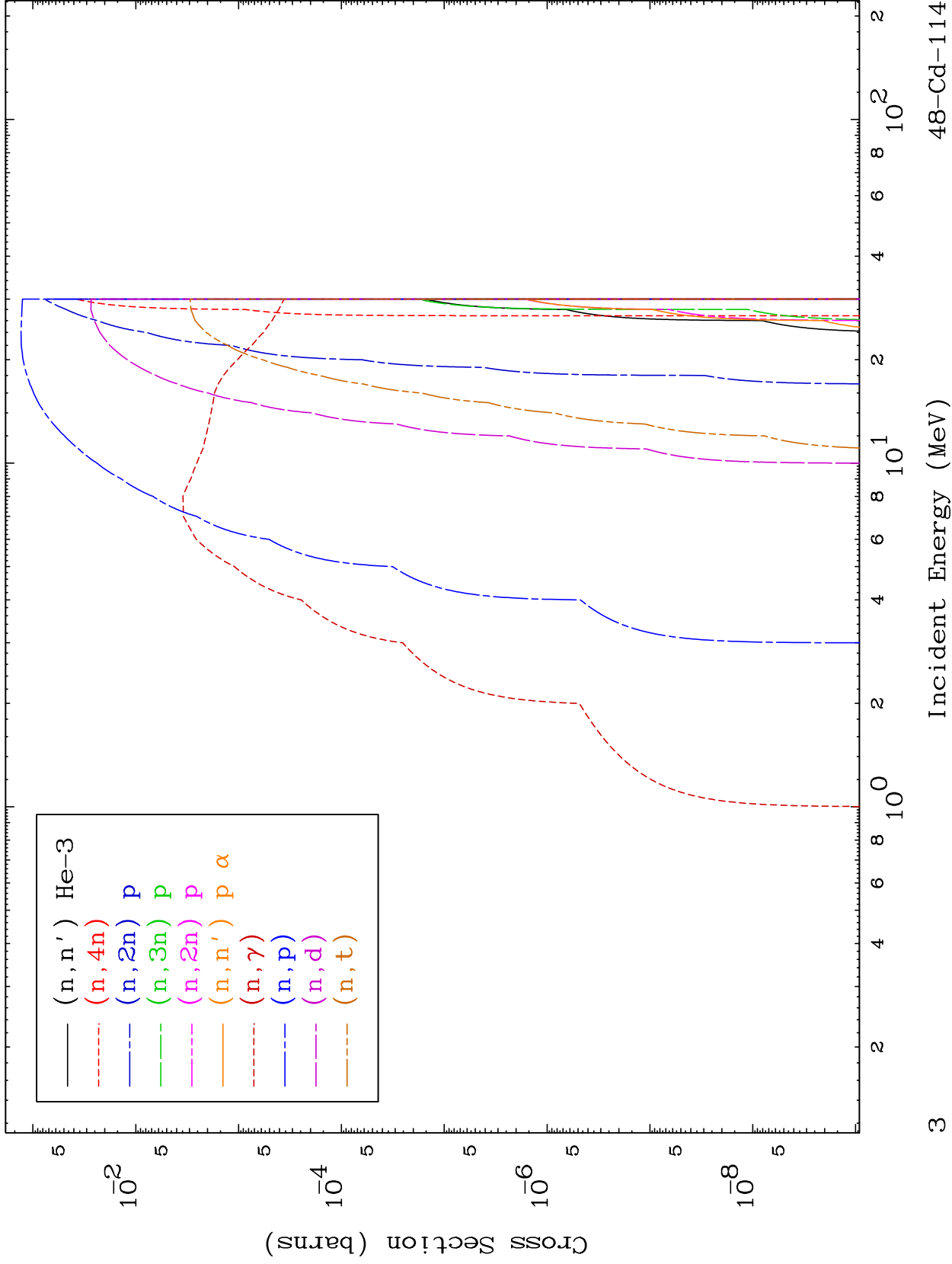
48-Cd-114



2

Incident Energy (MeV)

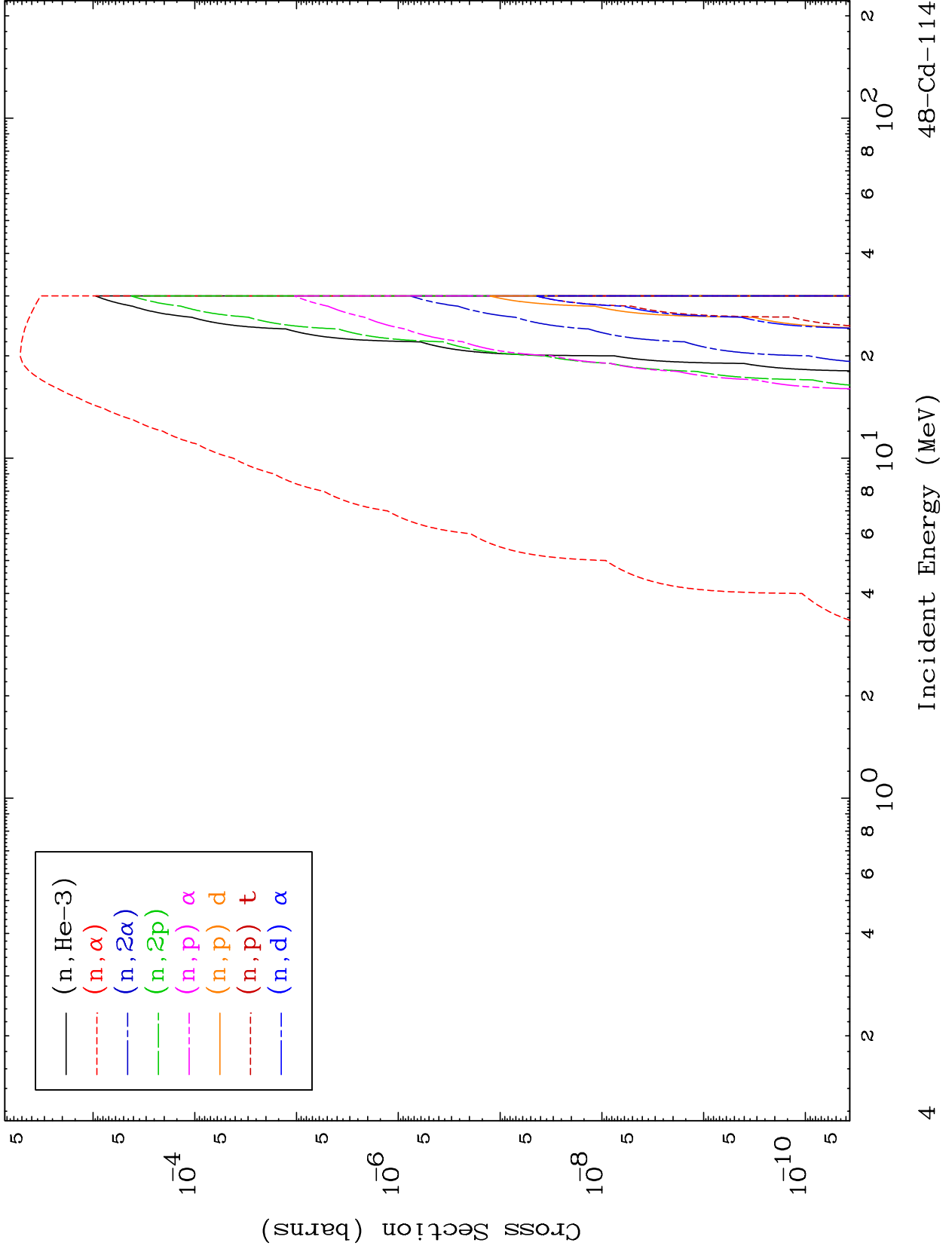
48-Cd-114



MAT 4849

Proton Neutron Absorption
0 Kelvin Cross Sections

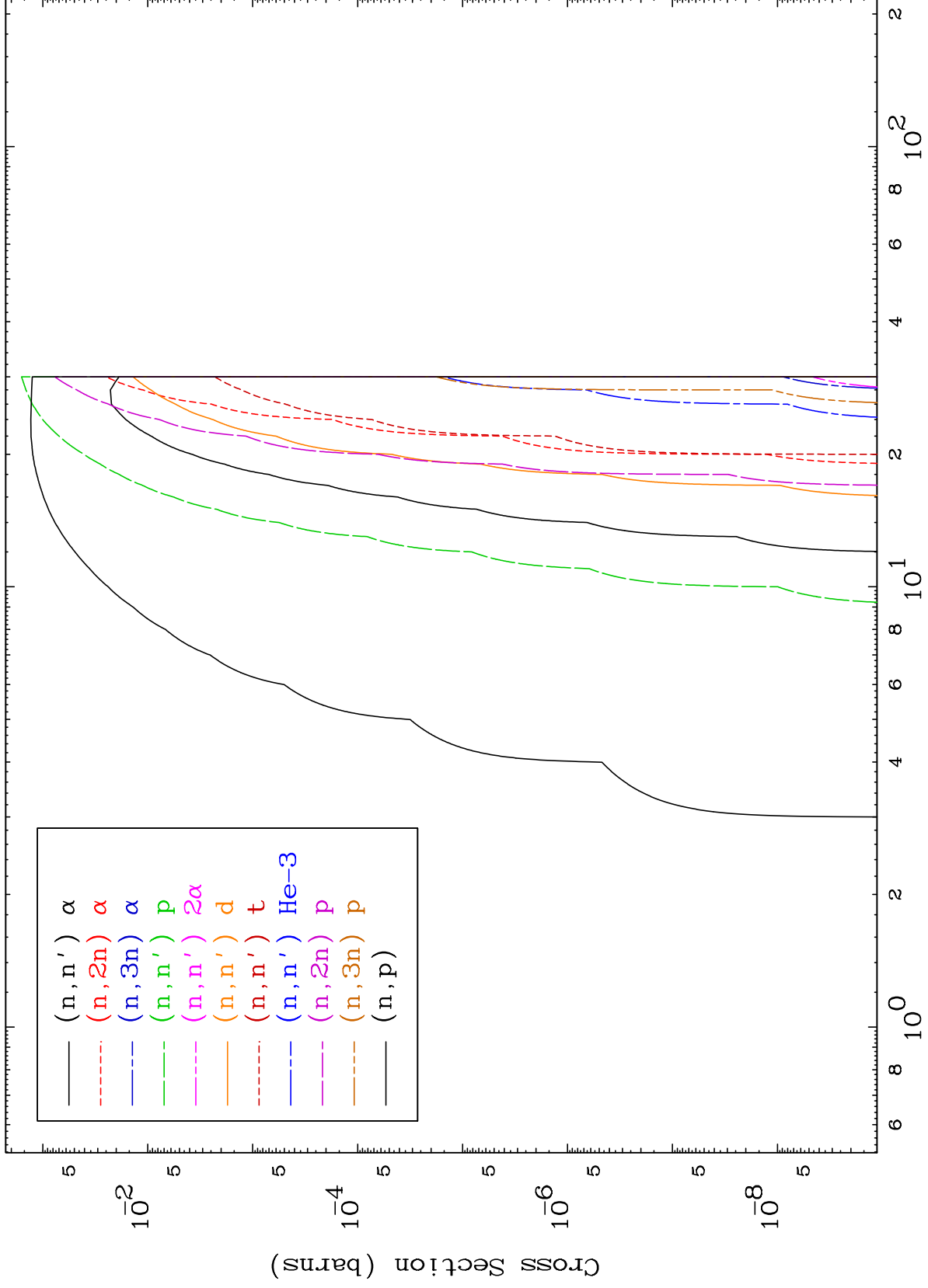
48-Cd-114



MAT 4849

Proton Charged Particle
0 Kelvin Cross Sections

48-Cd-114



5

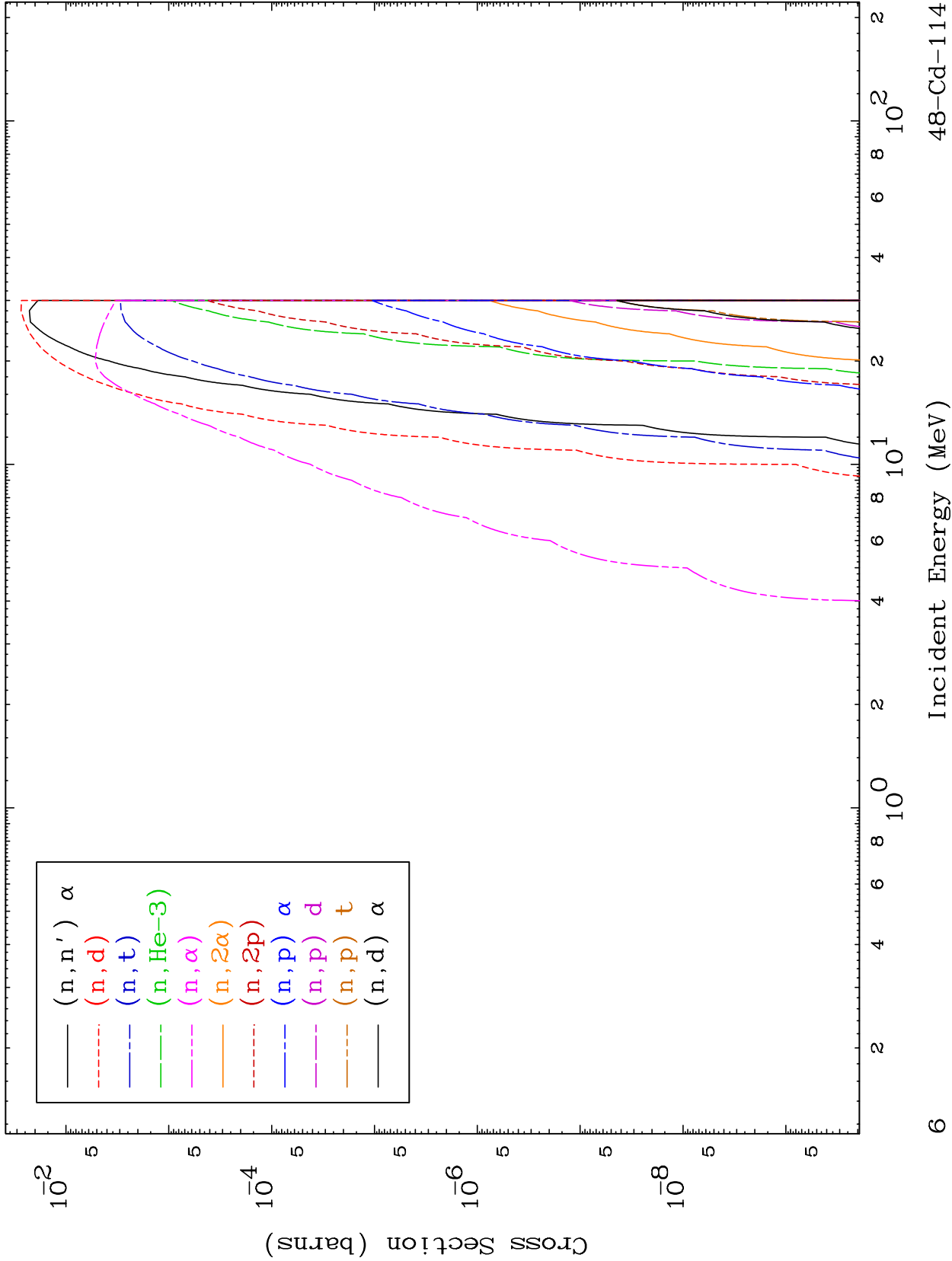
Incident Energy (MeV)

48-Cd-114

MAT 4849

Proton Charged Particle
0 Kelvin Cross Sections

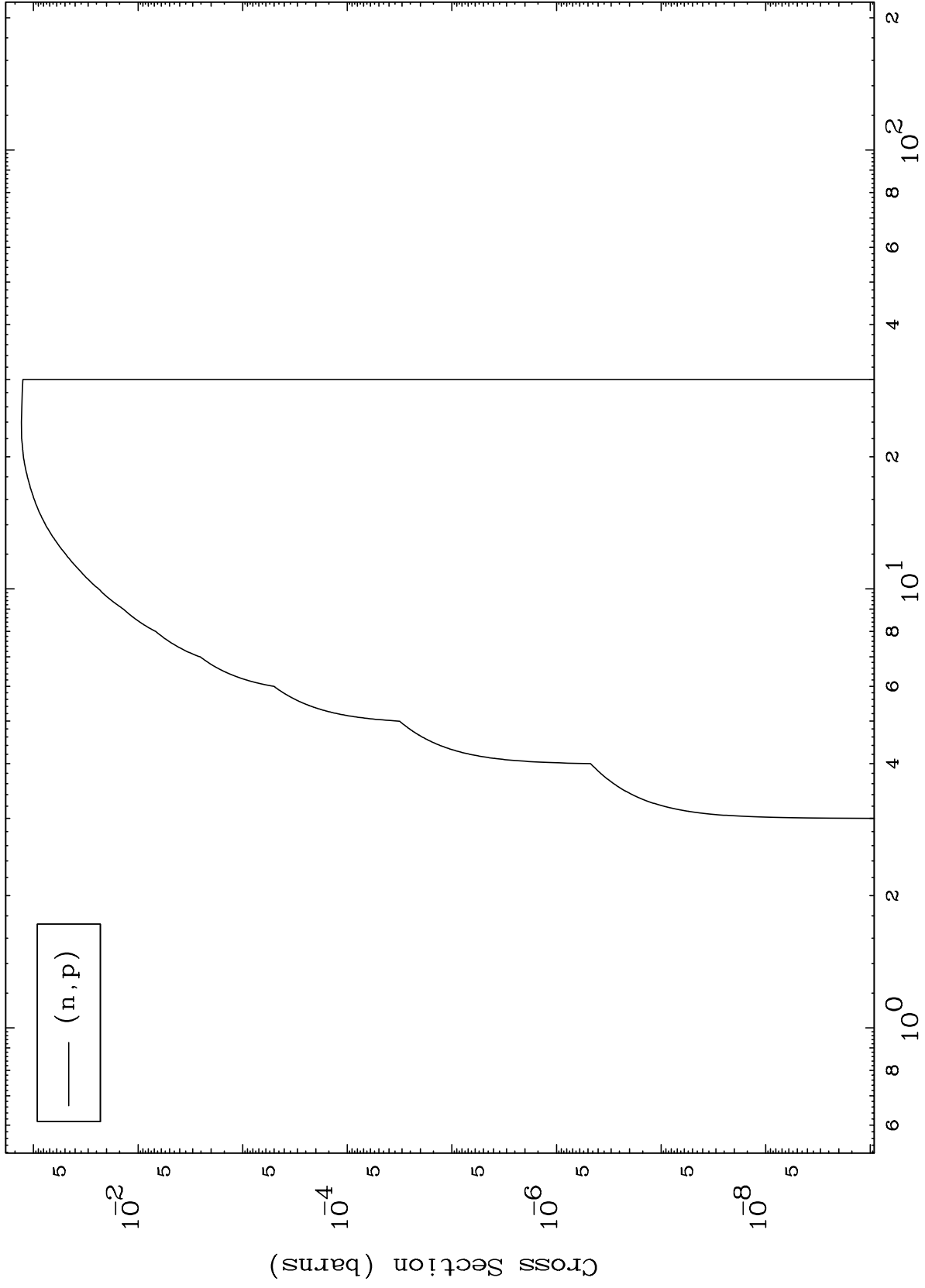
48-Cd-114



MAT 4849

48-Cd-114

(p,p) Levels
0 Kelvin Cross Sections



48-Cd-114

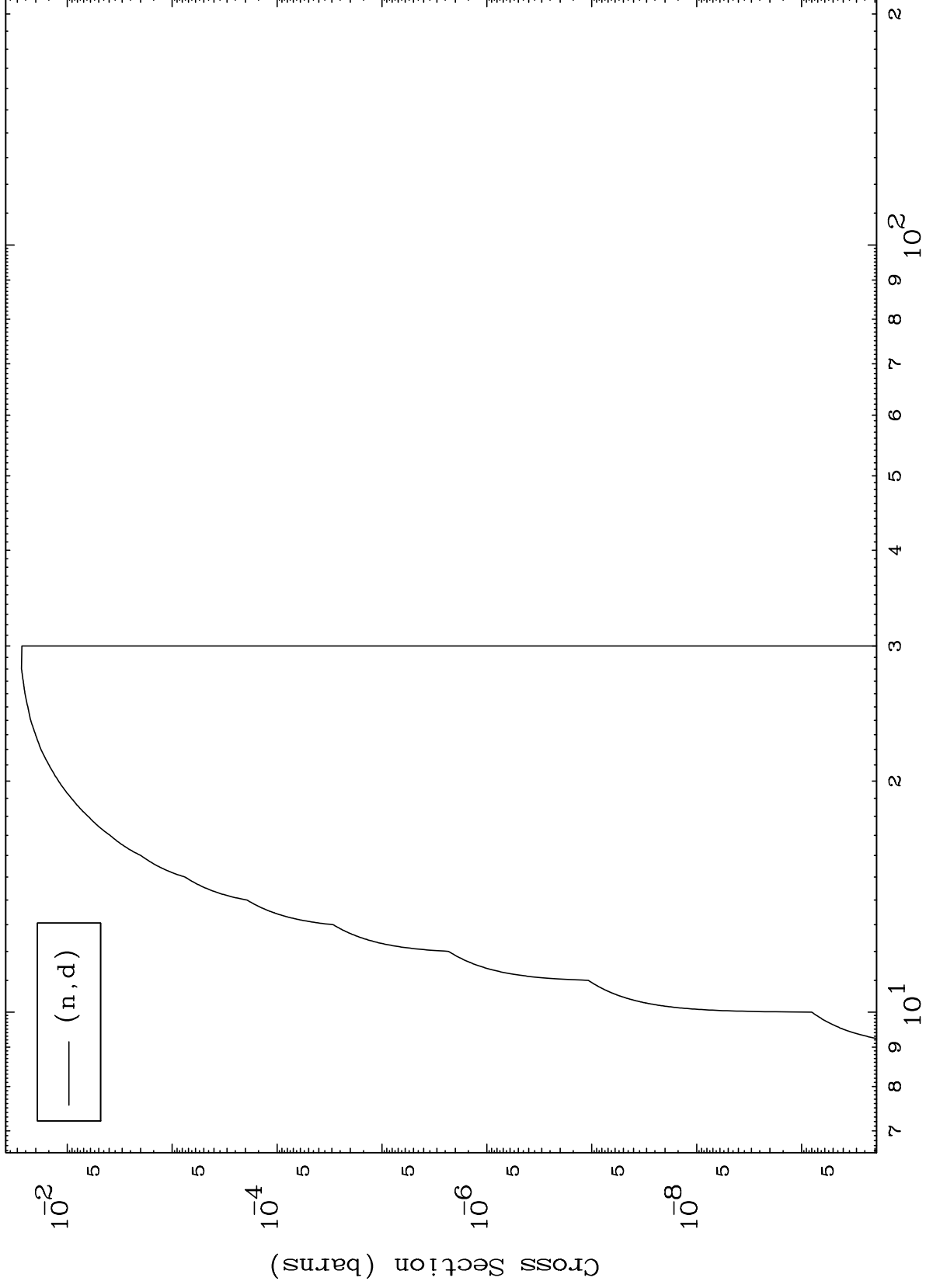
Incident Energy (MeV)

7

MAT 4849

(p,d) Levels
0 Kelvin Cross Sections

48-Cd-114



8

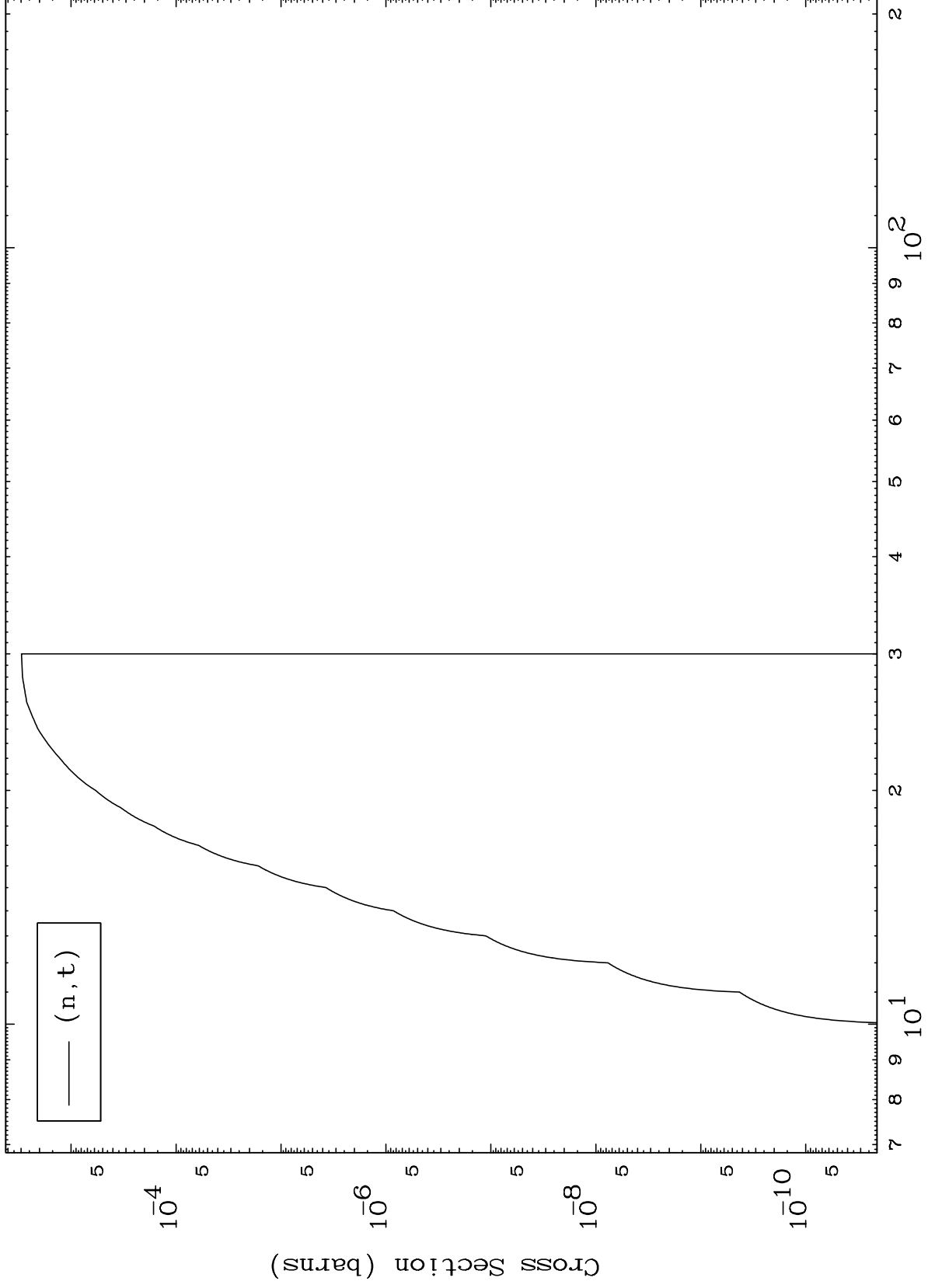
Incident Energy (MeV)

48-Cd-114

MAT 4849

(p, t) Levels
0 Kelvin Cross Sections

48-Cd-114



9

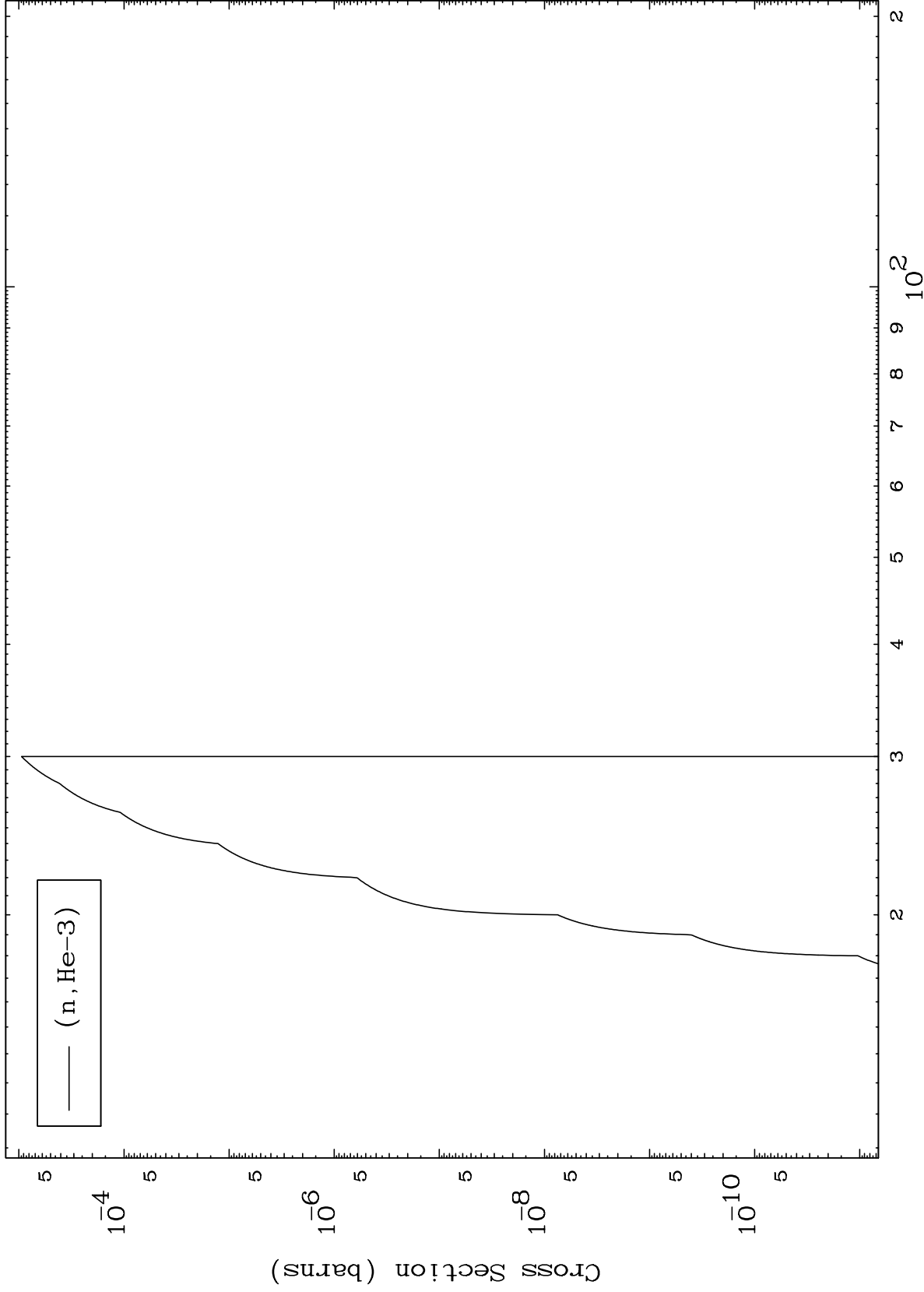
Incident Energy (MeV)

48-Cd-114

MAT 4849

(p,He3) Levels
0 Kelvin Cross Sections

48-Cd-114



10

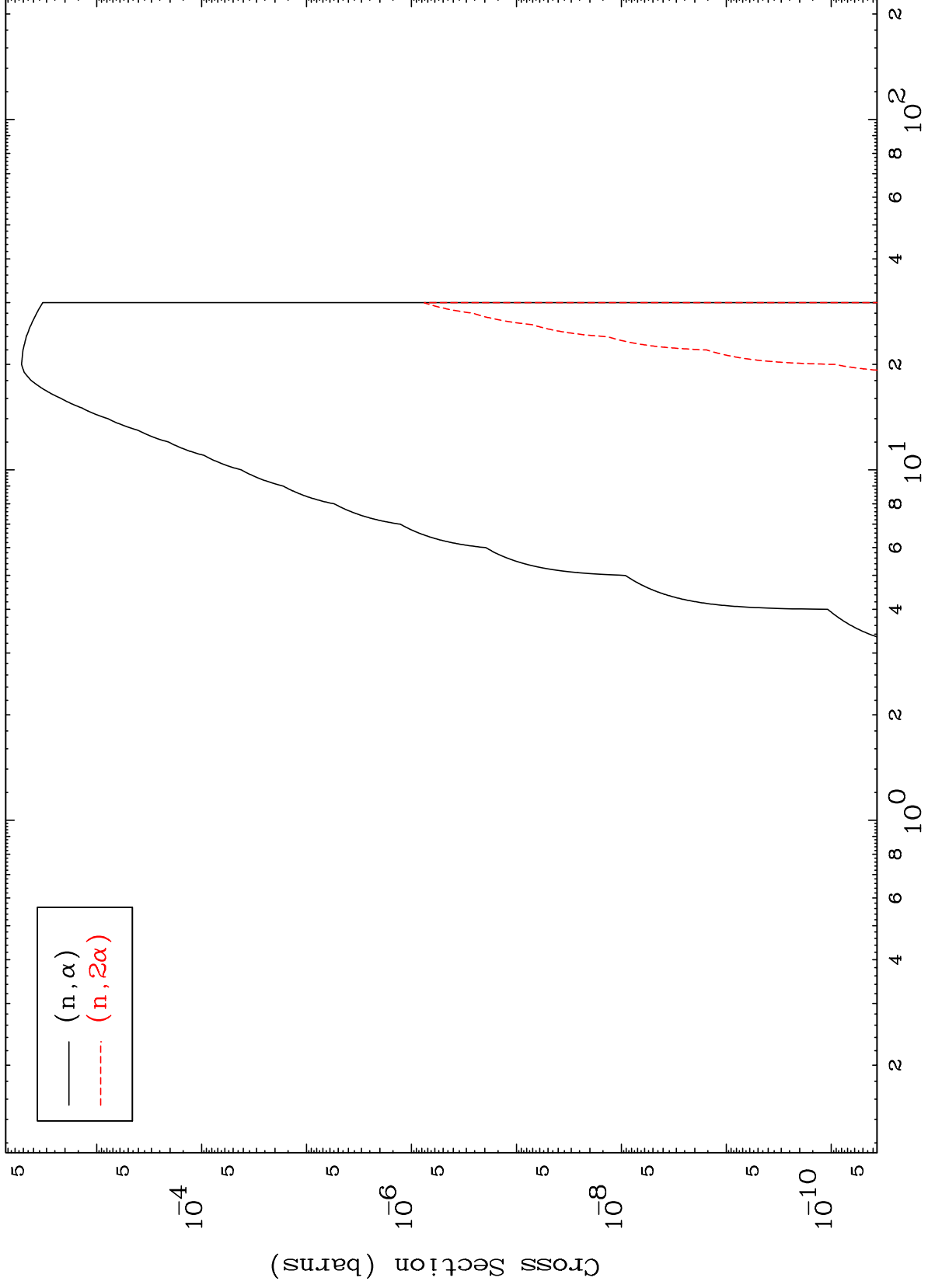
Incident Energy (MeV)

48-Cd-114

MAT 4849

(p, α) Levels
0 Kelvin Cross Sections

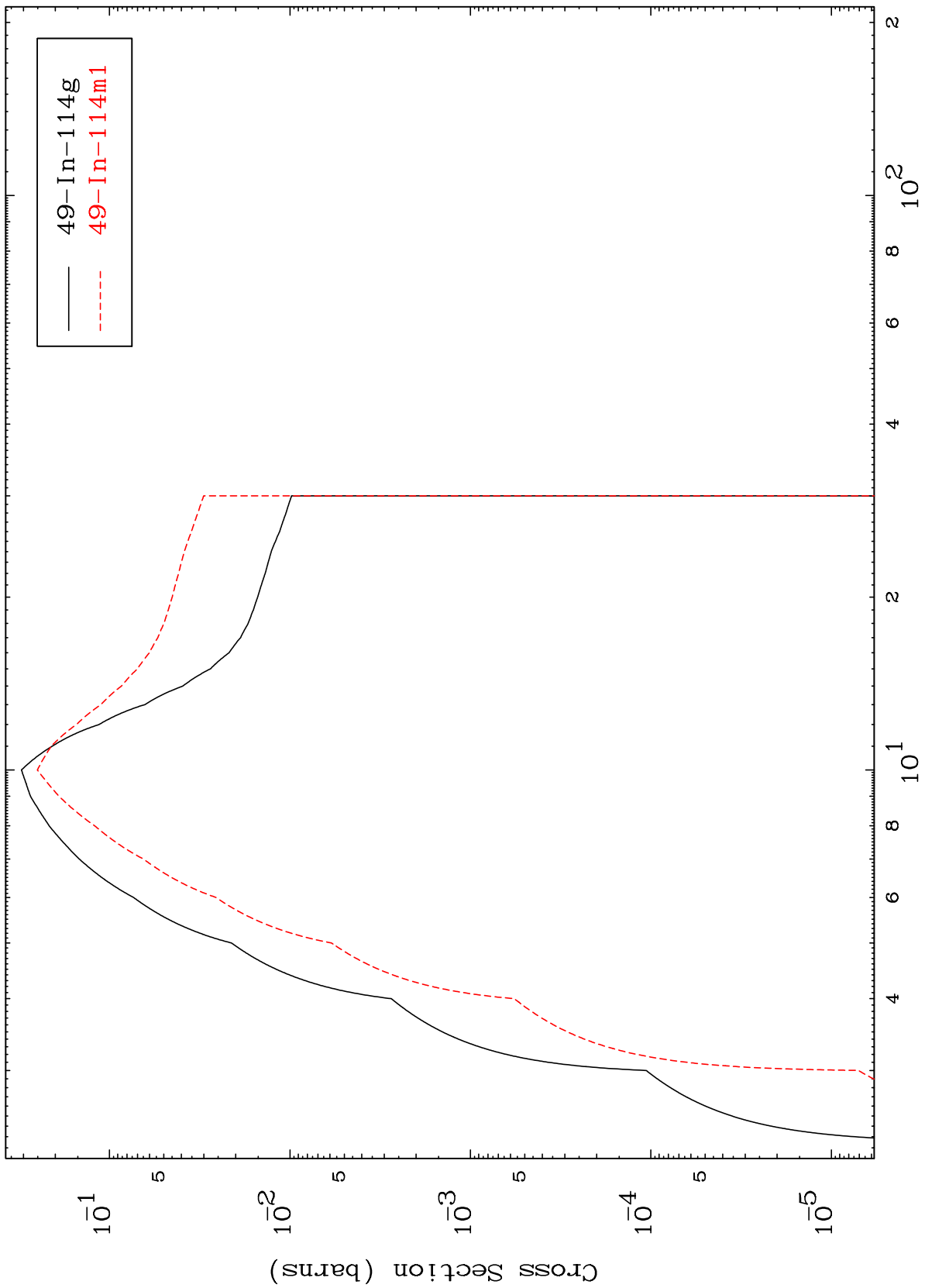
48-Cd-114



MAT 4849

48-Cd-114

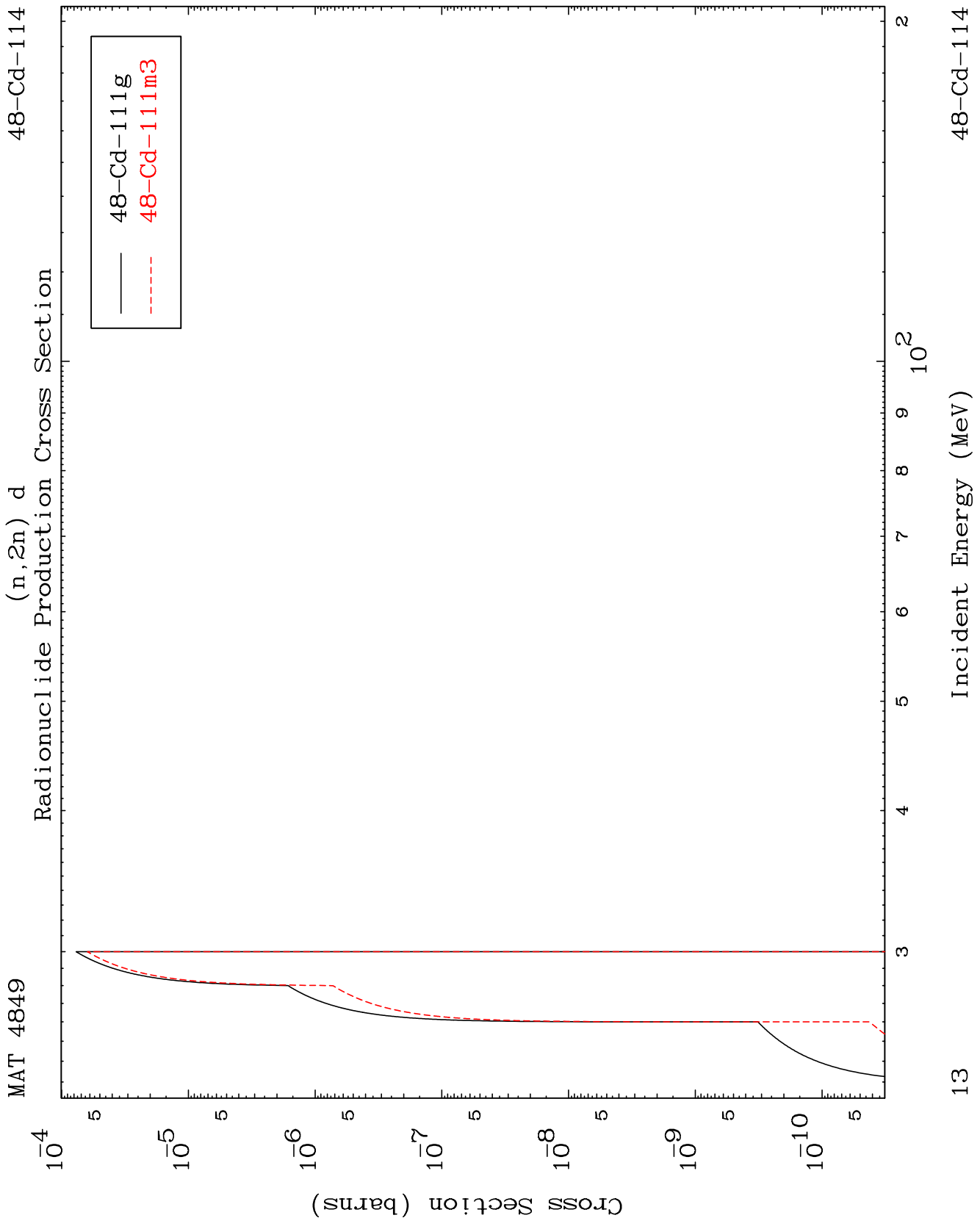
Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

48-Cd-114

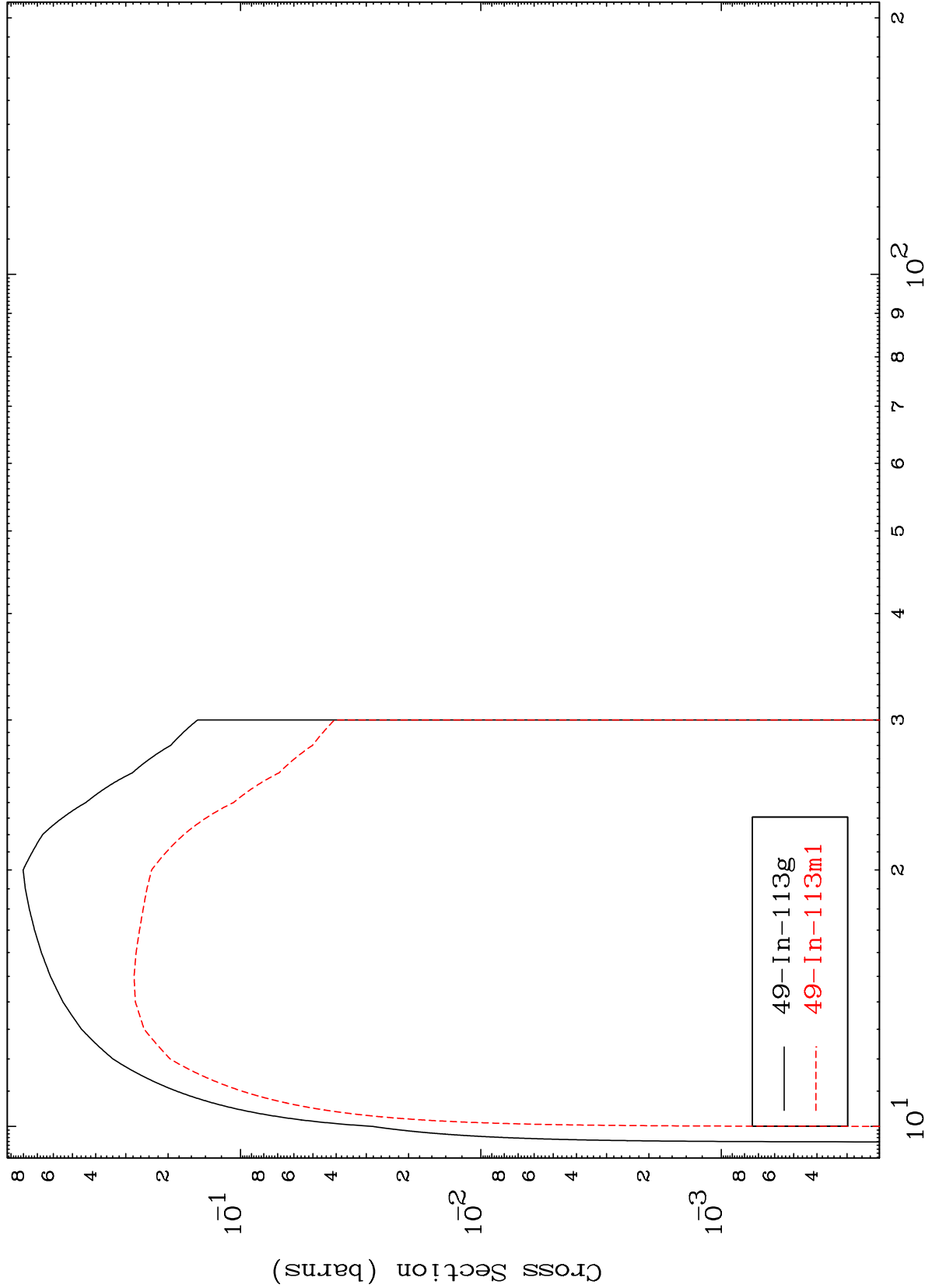


MAT 4849

(n,2n)

48-Cd-114

Radionuclide Production Cross Section



14

Incident Energy (MeV)

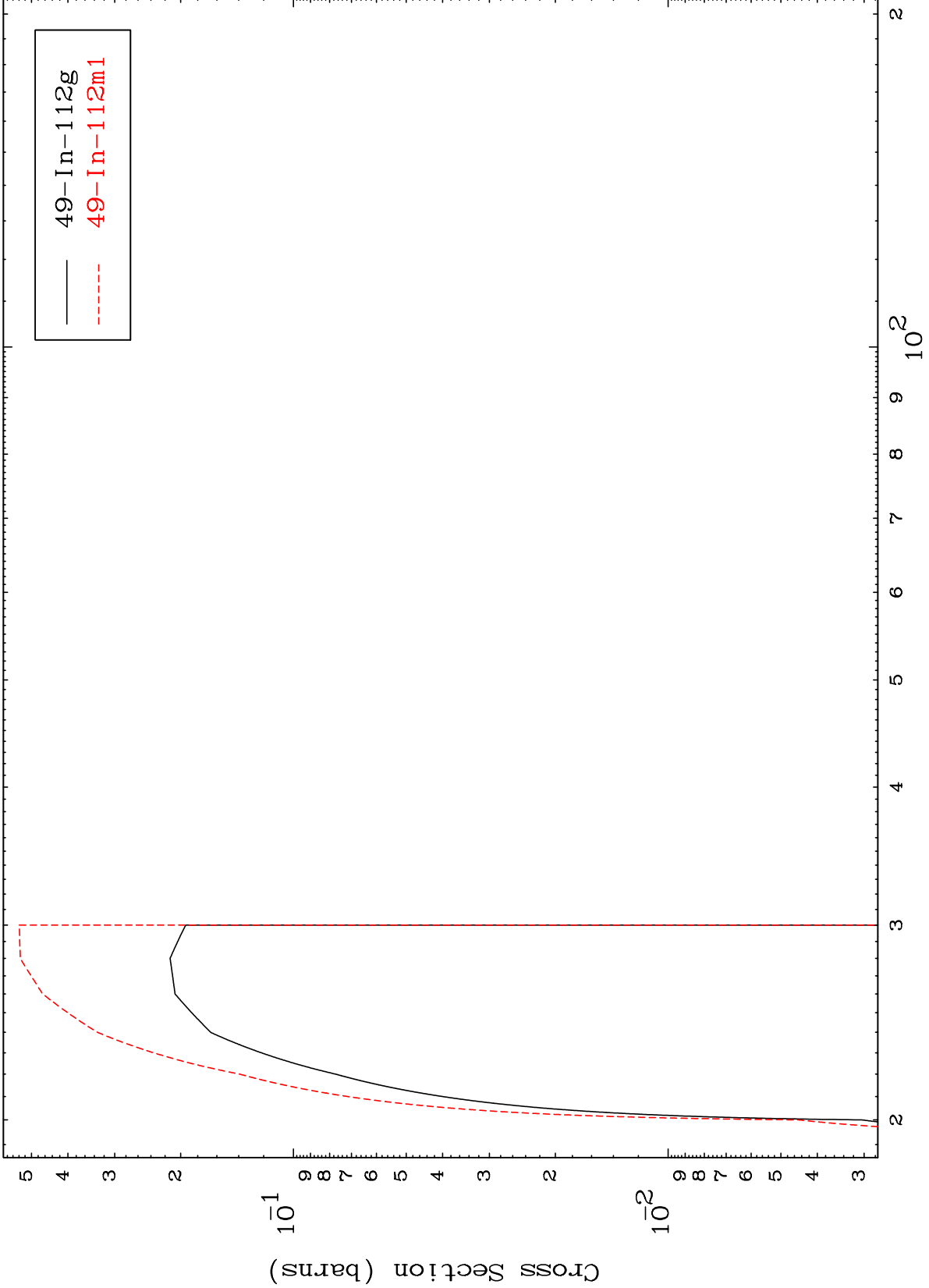
48-Cd-114

MAT 4849

(n,3n)

48-Cd-114

Radionuclide Production Cross Section



15

Incident Energy (MeV)

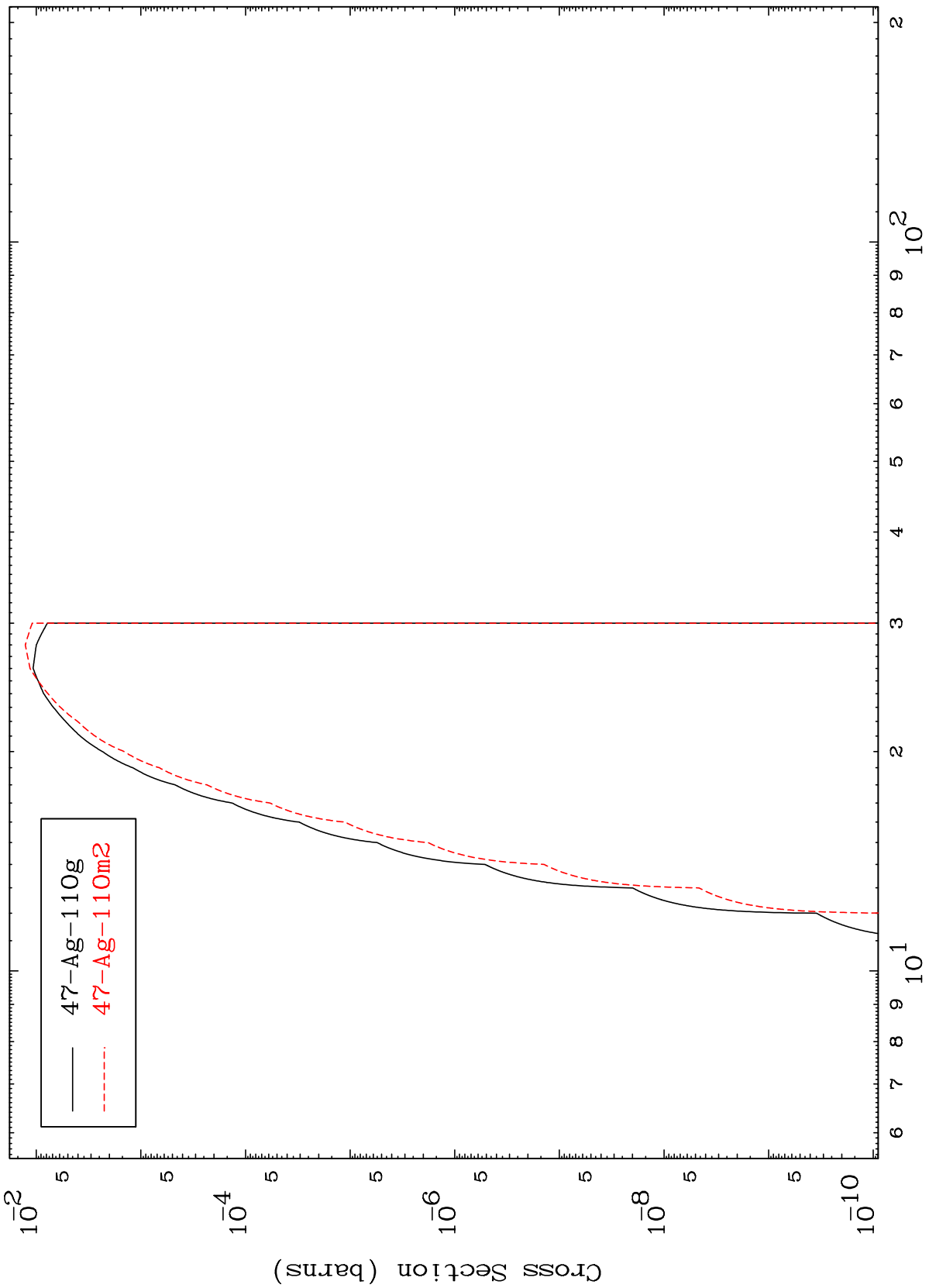
48-Cd-114

MAT 4849

48-Cd-114

(n,n') α

Radionuclide Production Cross Section



— 47-Ag-110g
- - - 47-Ag-110m2

16

Incident Energy (MeV)

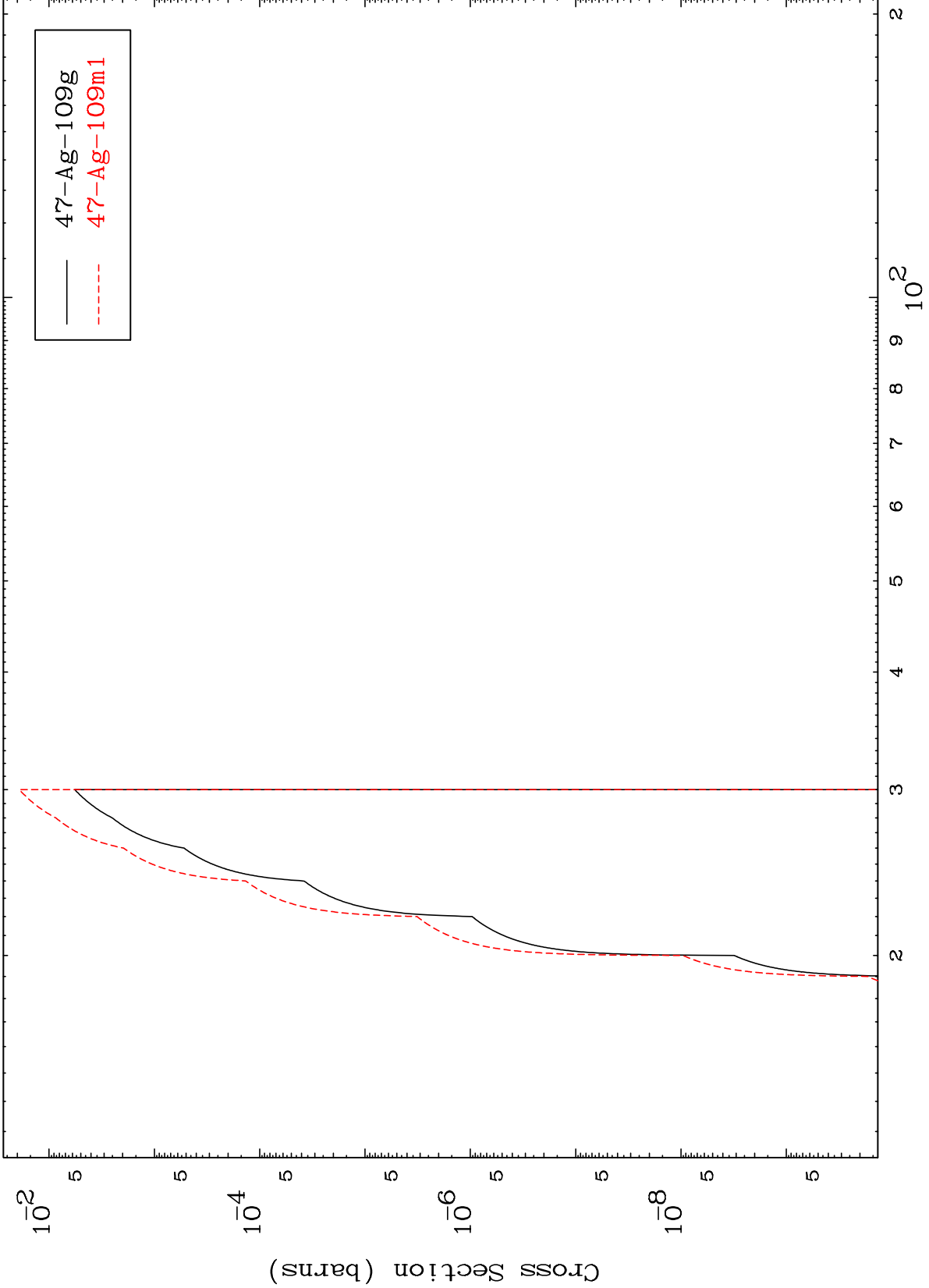
48-Cd-114

MAT 4849

(n,2n) α

48-Cd-114

Radionuclide Production Cross Section



17

Incident Energy (MeV)

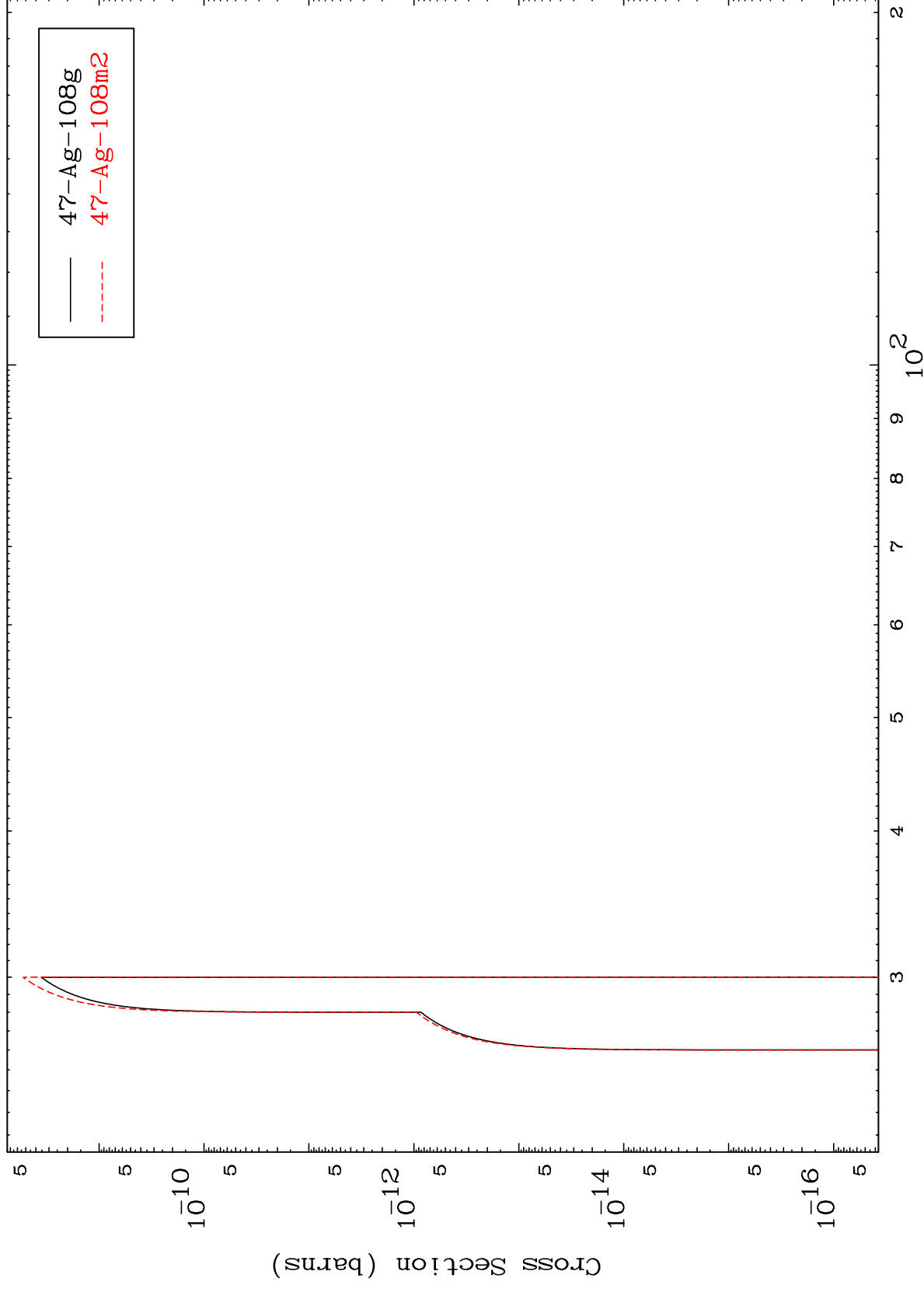
48-Cd-114

MAT 4849

(n,3n) α

48-Cd-114

Radionuclide Production Cross Section



18

Incident Energy (MeV)

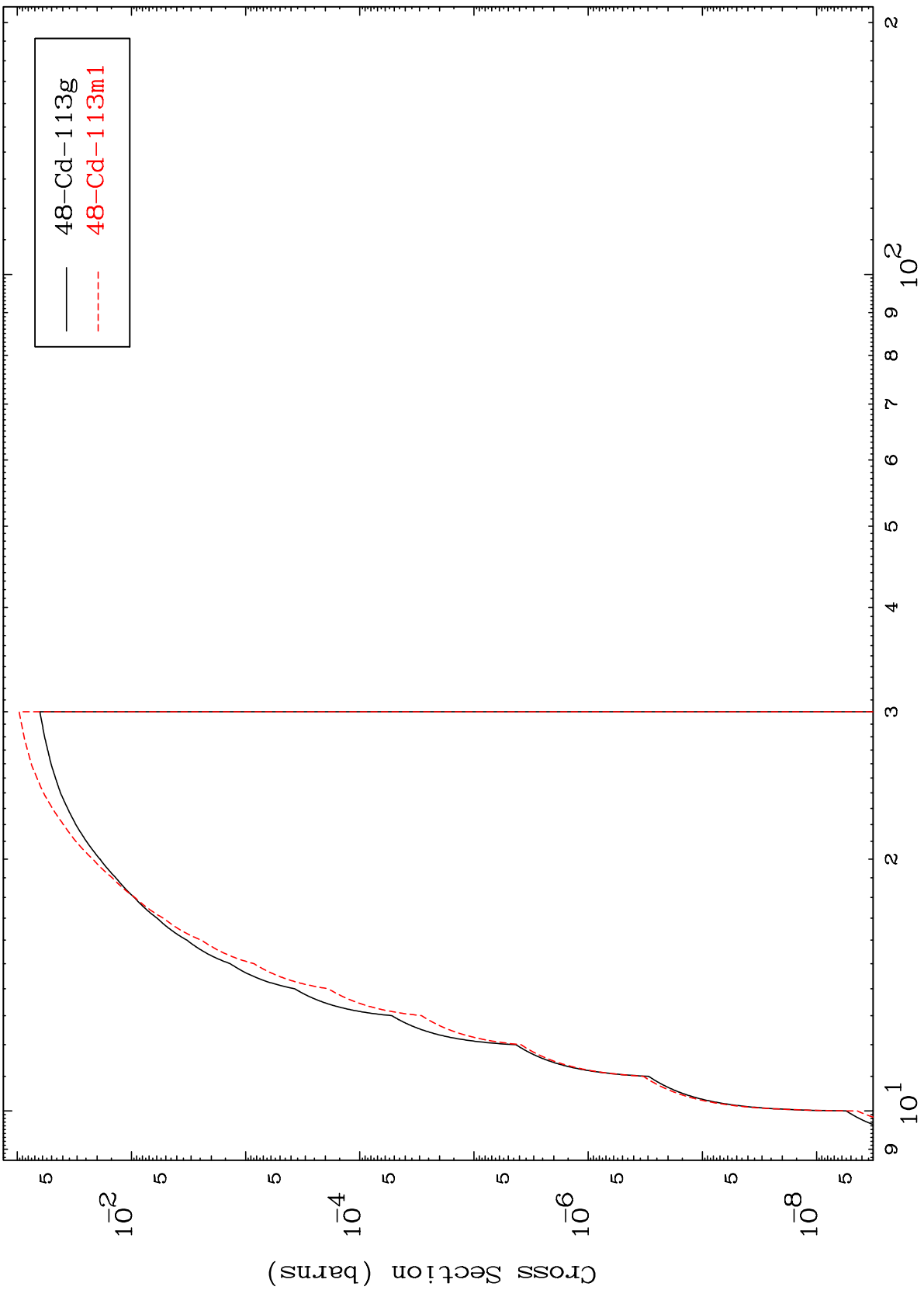
48-Cd-114

MAT 4849

(n,n') p

48-Cd-114

Radionuclide Production Cross Section



Incident Energy (MeV)

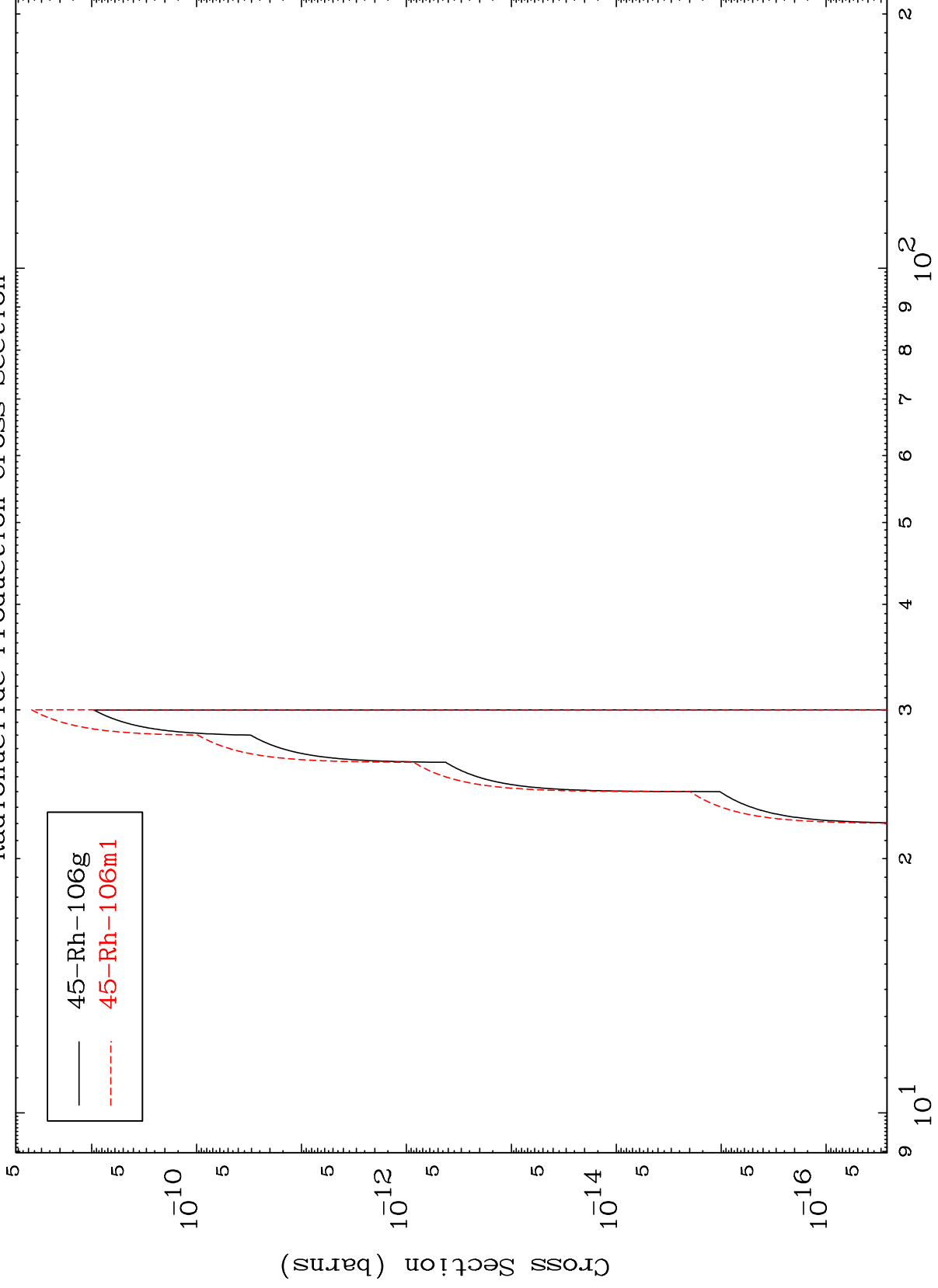
48-Cd-114

MAT 4849

(n,n') 2α

48-Cd-114

Radionuclide Production Cross Section



20

Incident Energy (MeV)

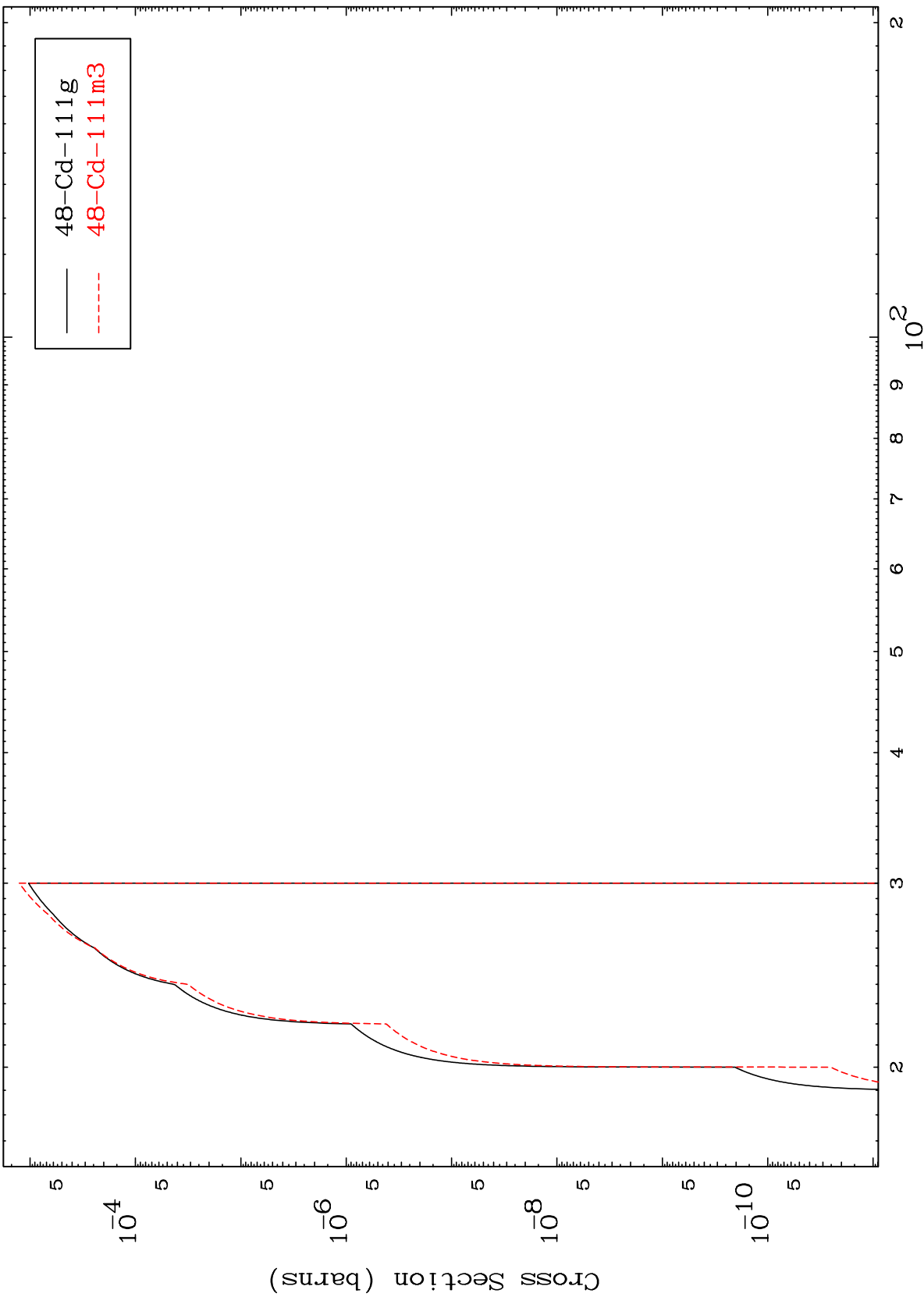
48-Cd-114

MAT 4849

(n,n') t

48-Cd-114

Radionuclide Production Cross Section

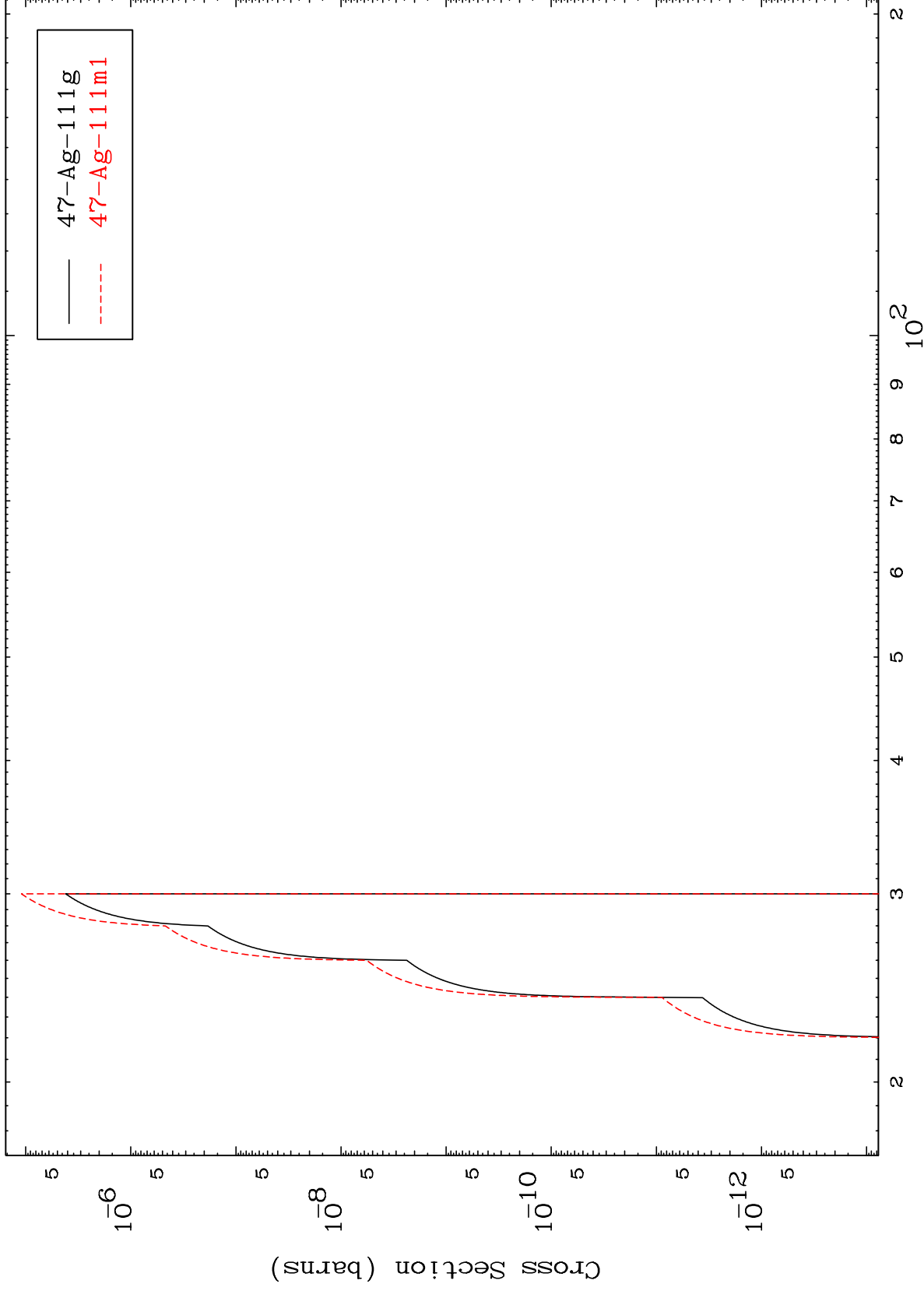


MAT 4849

(n,n') He-3

48-Cd-114

Radionuclide Production Cross Section



22

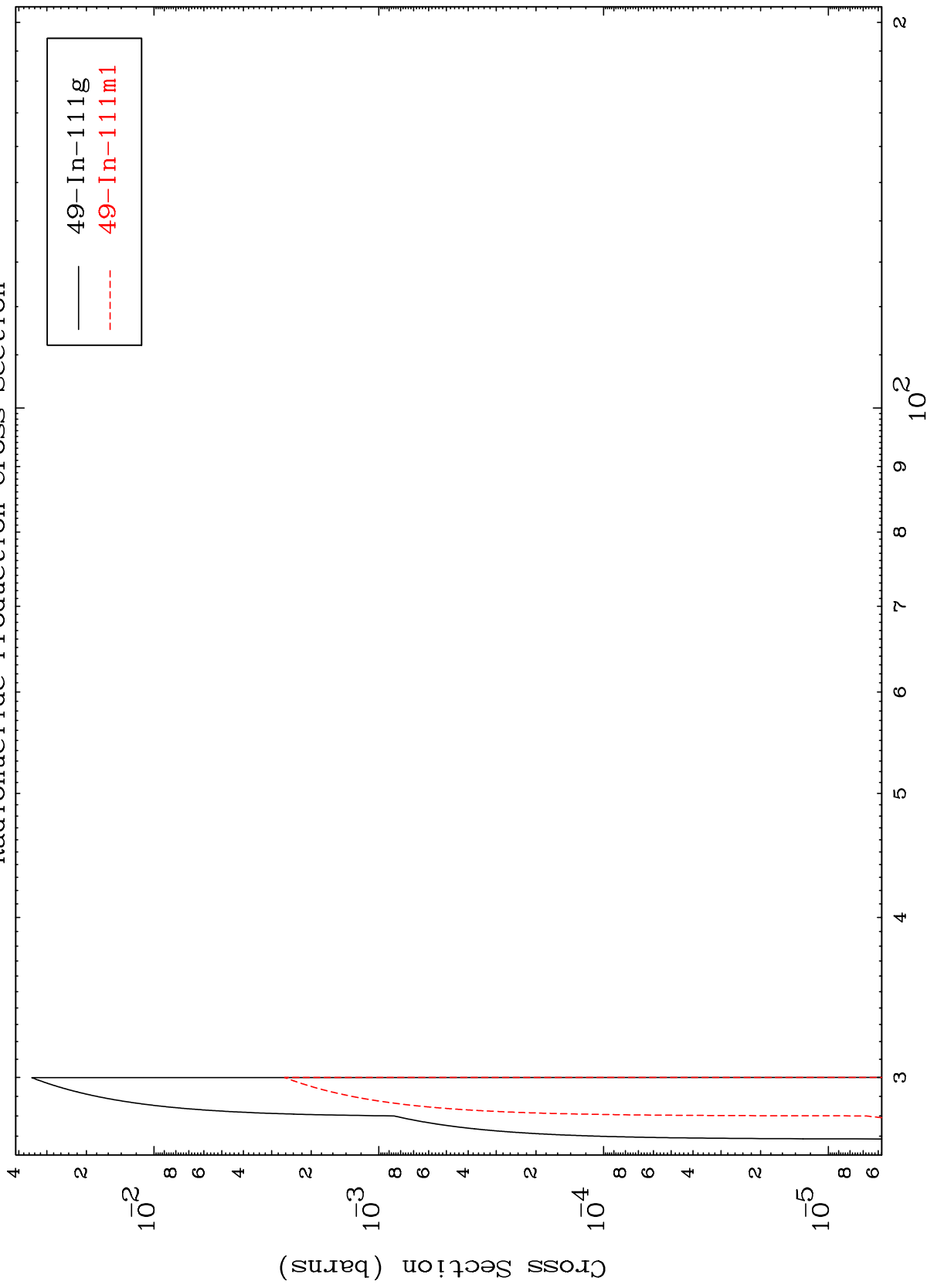
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(n,4n)
Radionuclide Production Cross Section



23

48-Cd-114

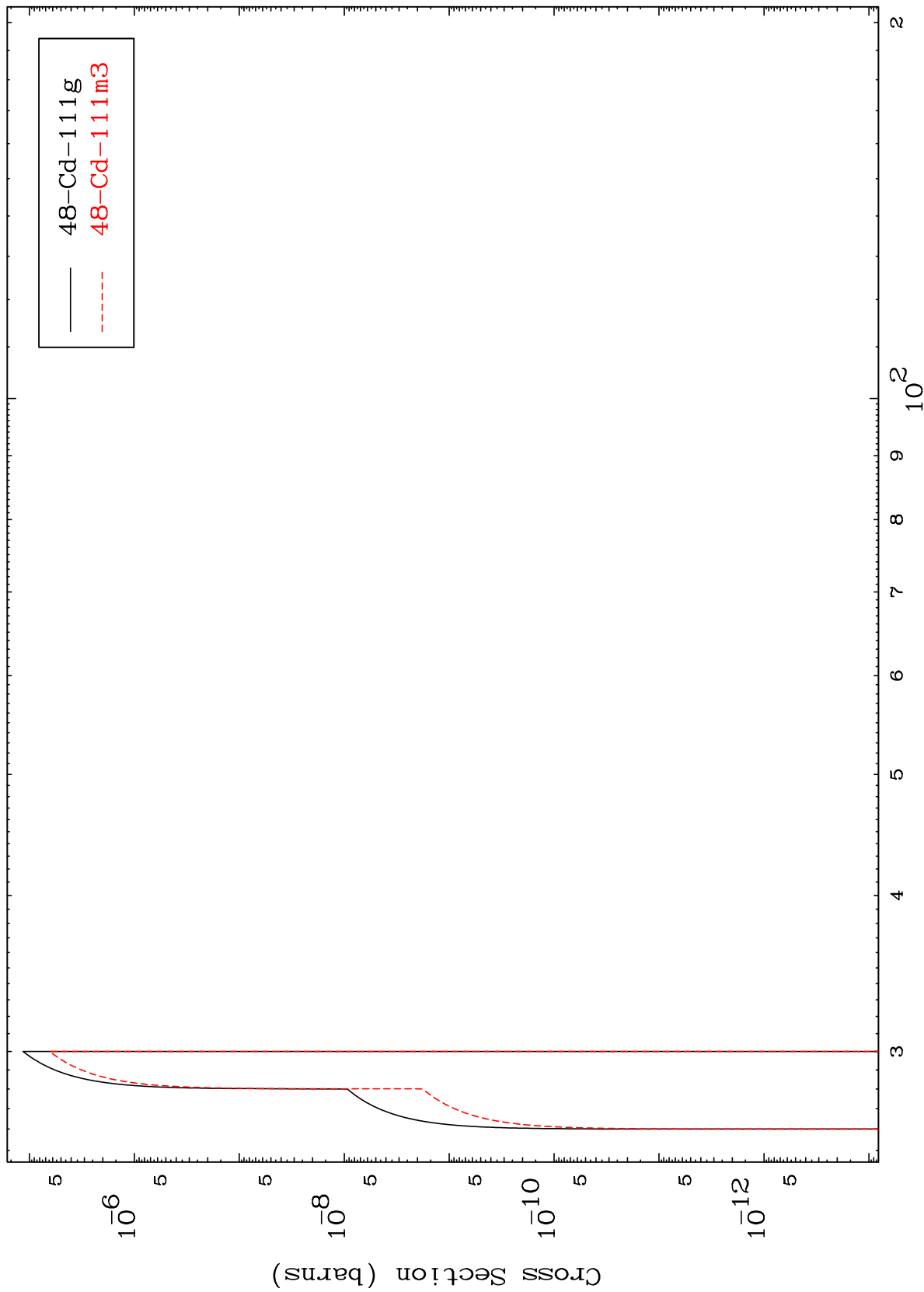
Incident Energy (MeV)

MAT 4849

48-Cd-114

(n,3n) p

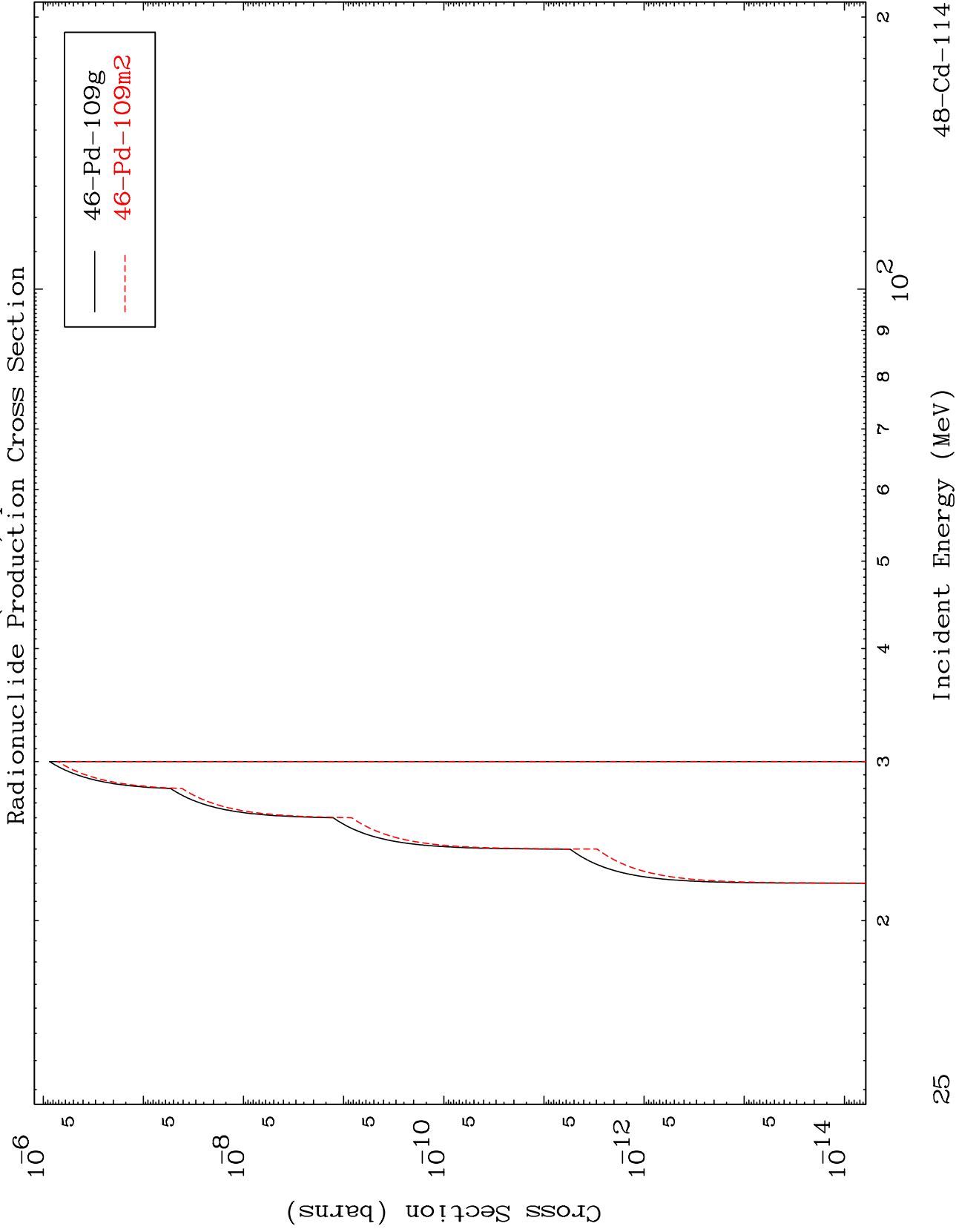
Radionuclide Production Cross Section



24

48-Cd-114

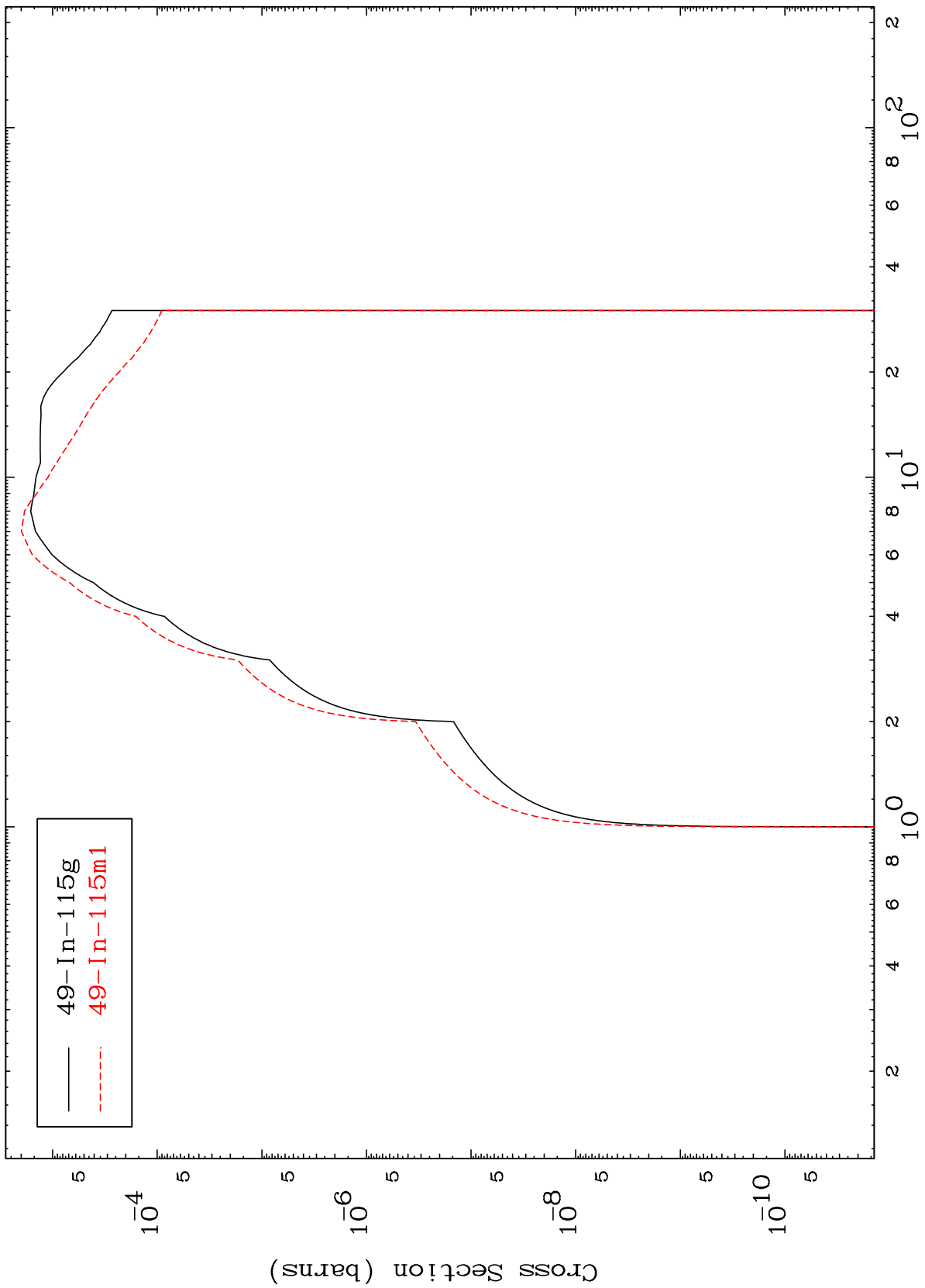
Incident Energy (MeV)



MAT 4849

48-Cd-114

(n,γ)
Radionuclide Production Cross Section



26

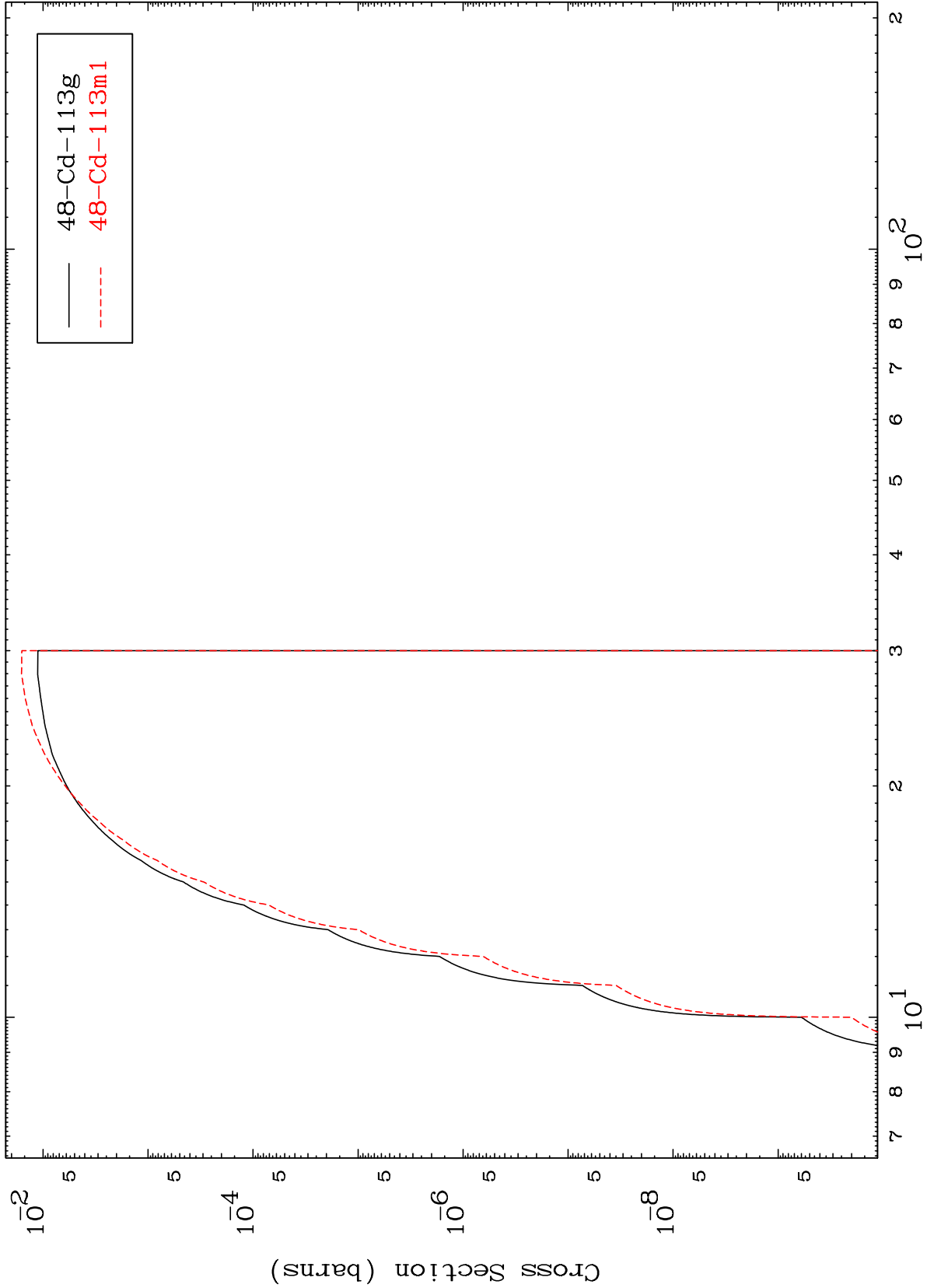
48-Cd-114

Incident Energy (MeV)

MAT 4849

48-Cd-114

(n,d)
Radionuclide Production Cross Section



27

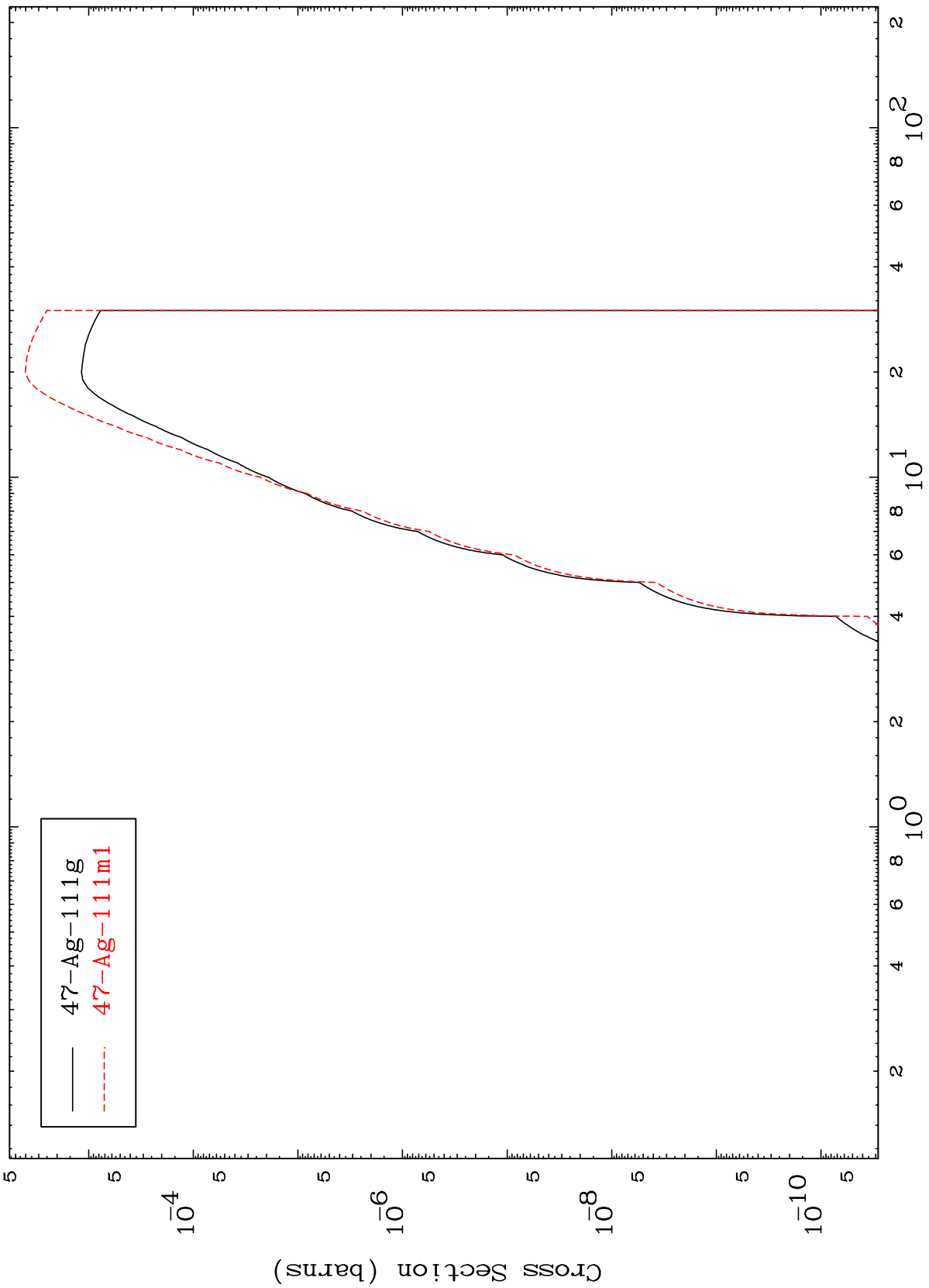
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(n, α)
Radionuclide Production Cross Section

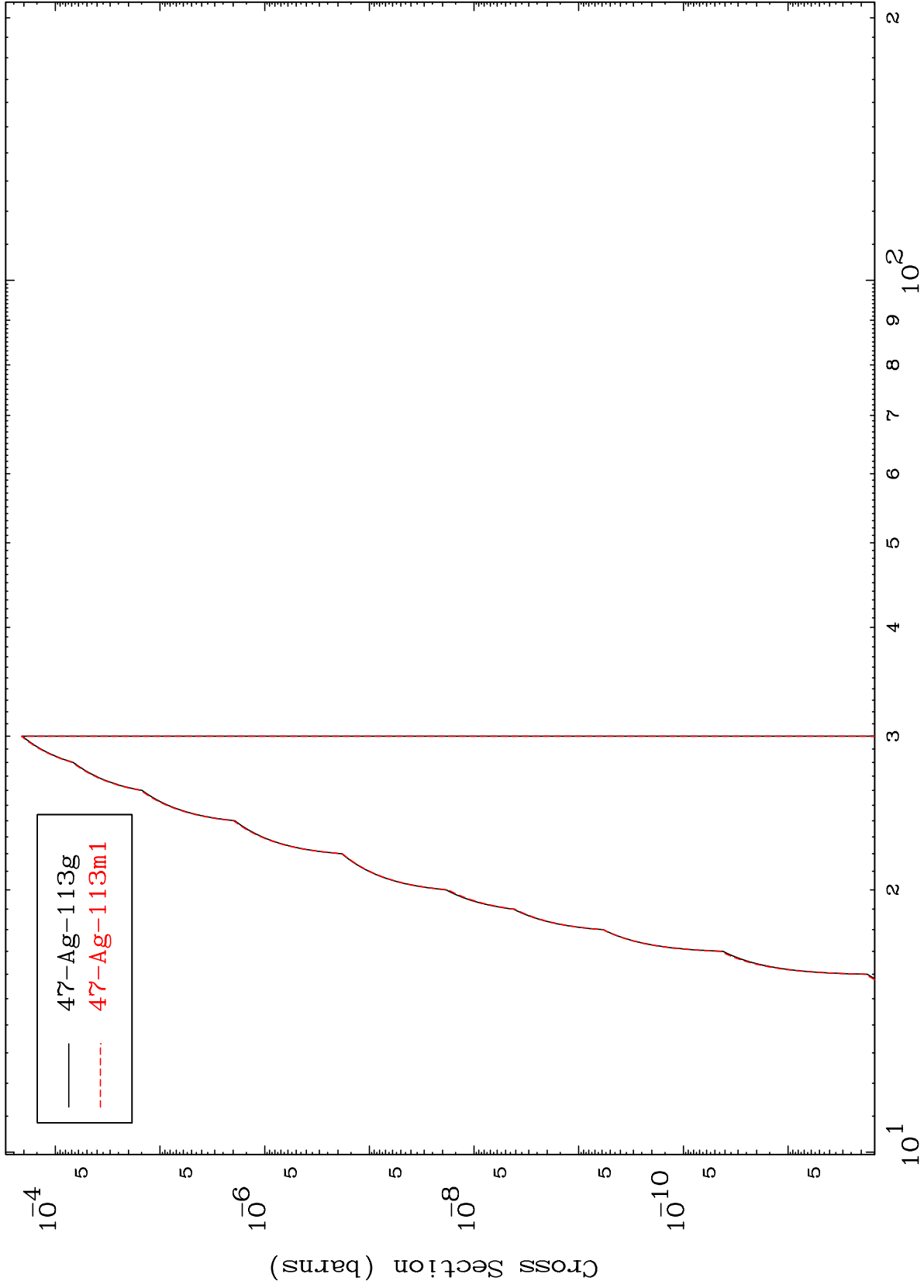


— 47-Ag-111g
- - - 47-Ag-111m1

MAT 4849

48-Cd-114

(n,2p)
Radionuclide Production Cross Section

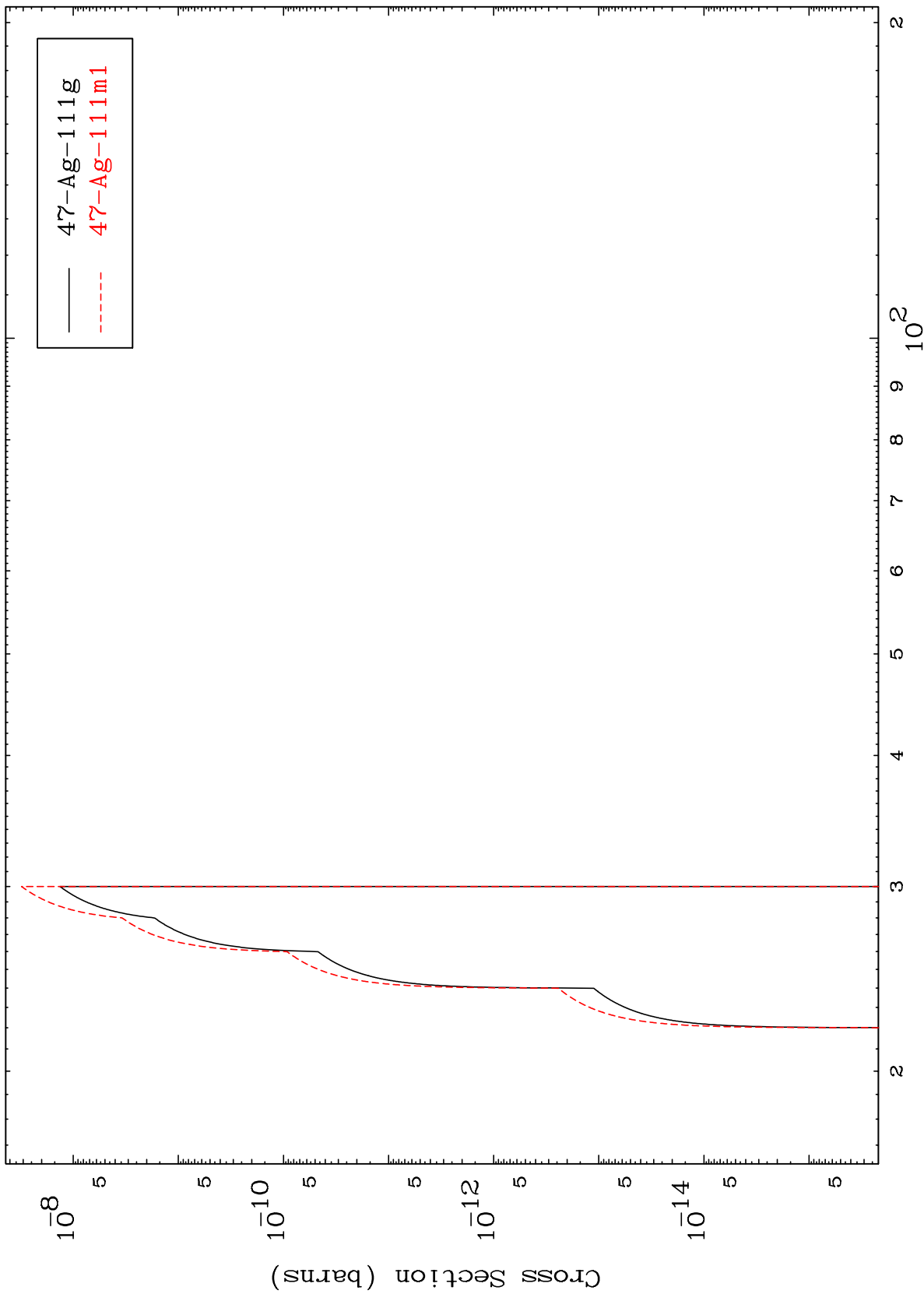


48-Cd-114

Incident Energy (MeV)

29

Radionuclide Production Cross Section



MAT 4849

(n,d) α

48-Cd-114

Radionuclide Production Cross Section

