

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

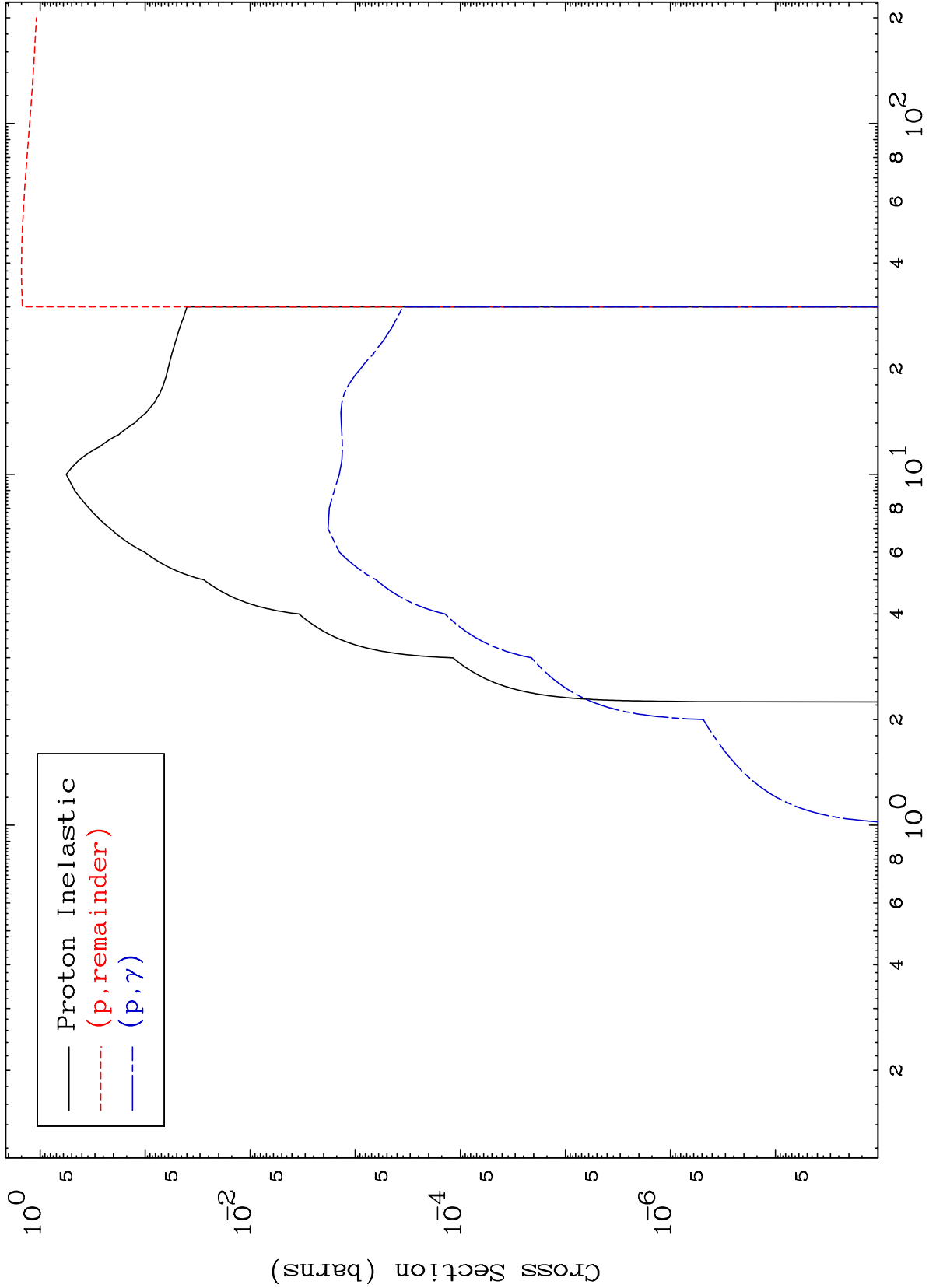
Press Mouse Button to Start

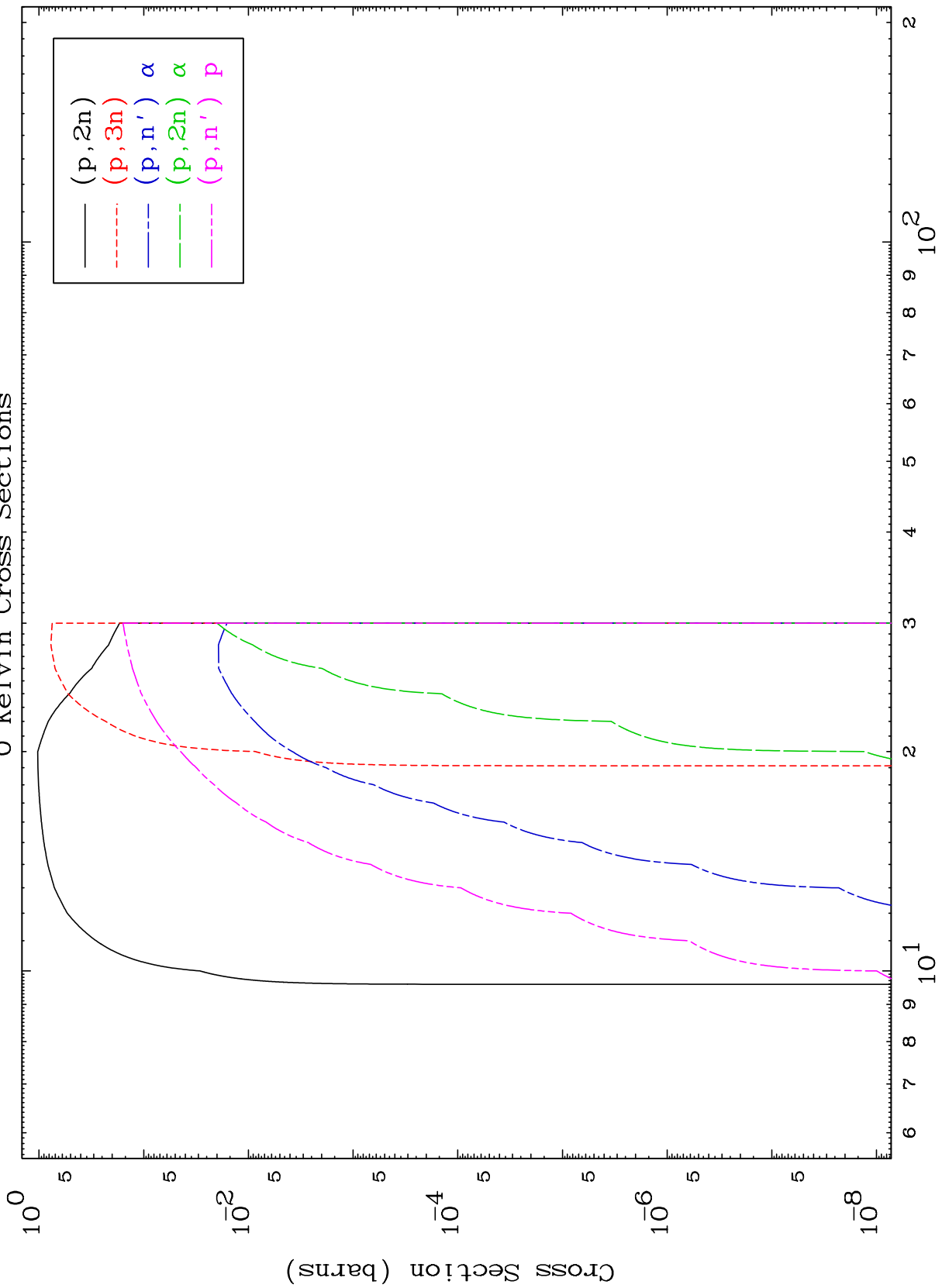
MAT 4849

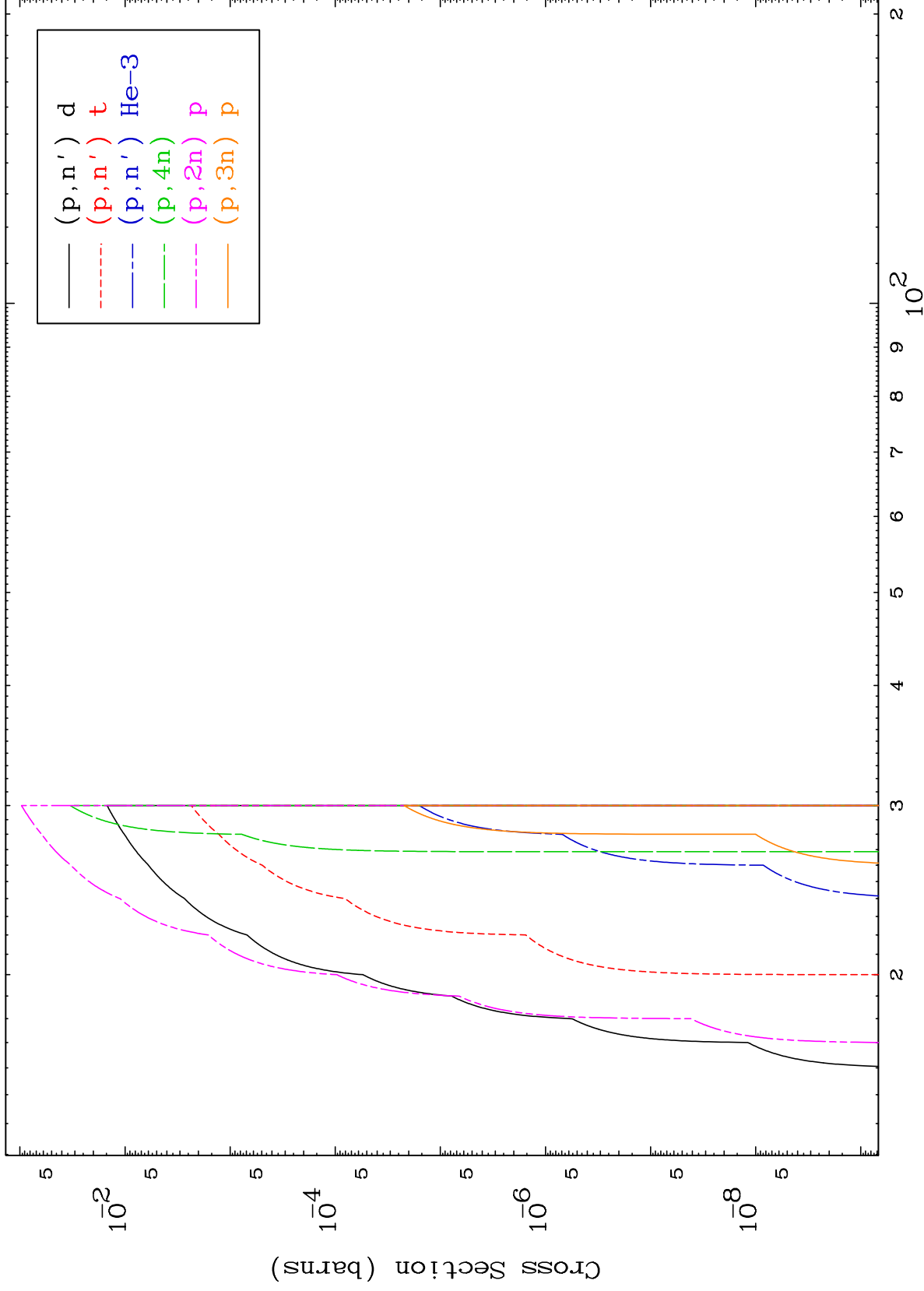
Proton Major

48-Cd-114

0 Kelvin Cross Sections



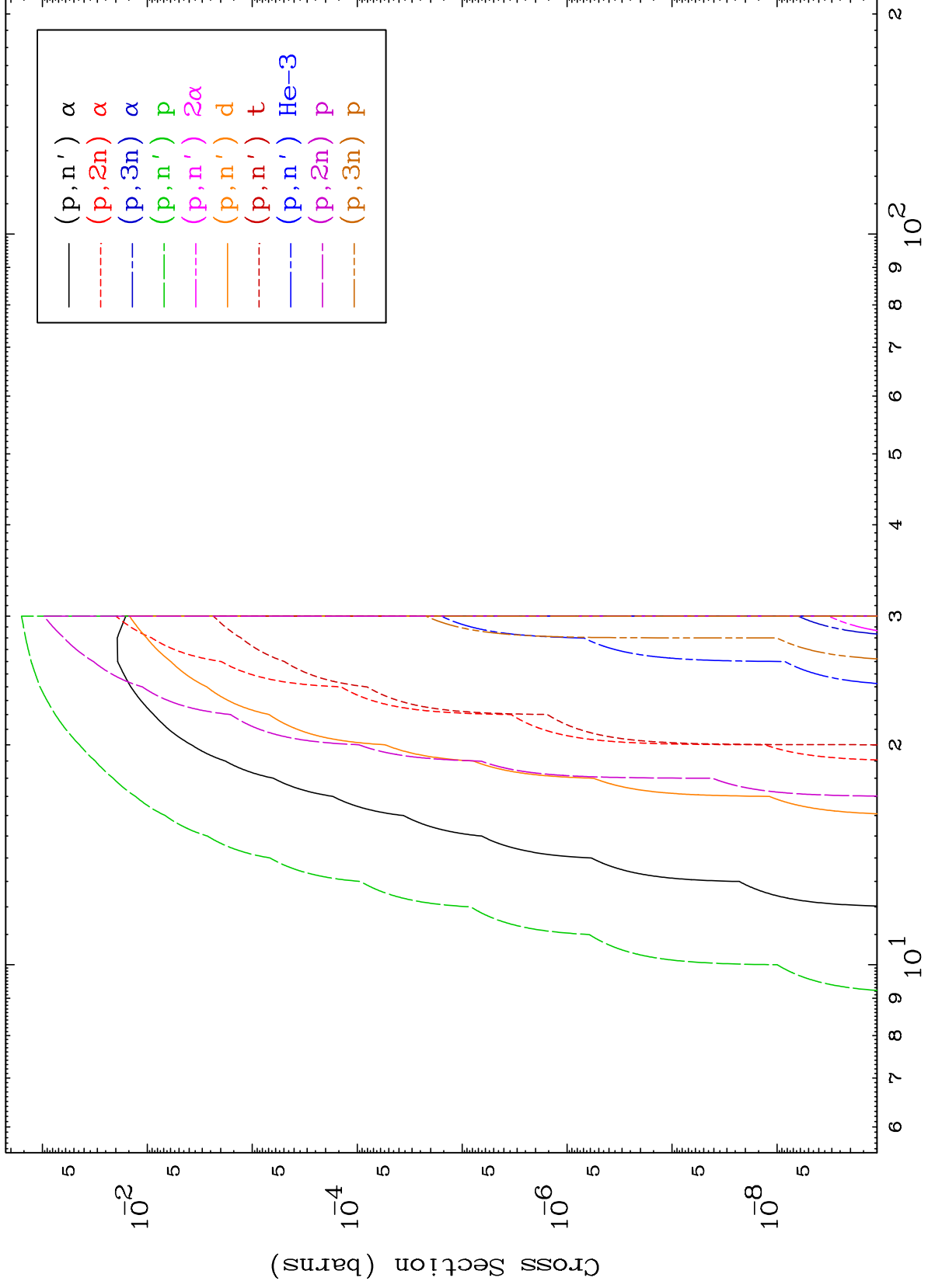




MAT 4849

Proton Charged Particle  
0 Kelvin Cross Sections

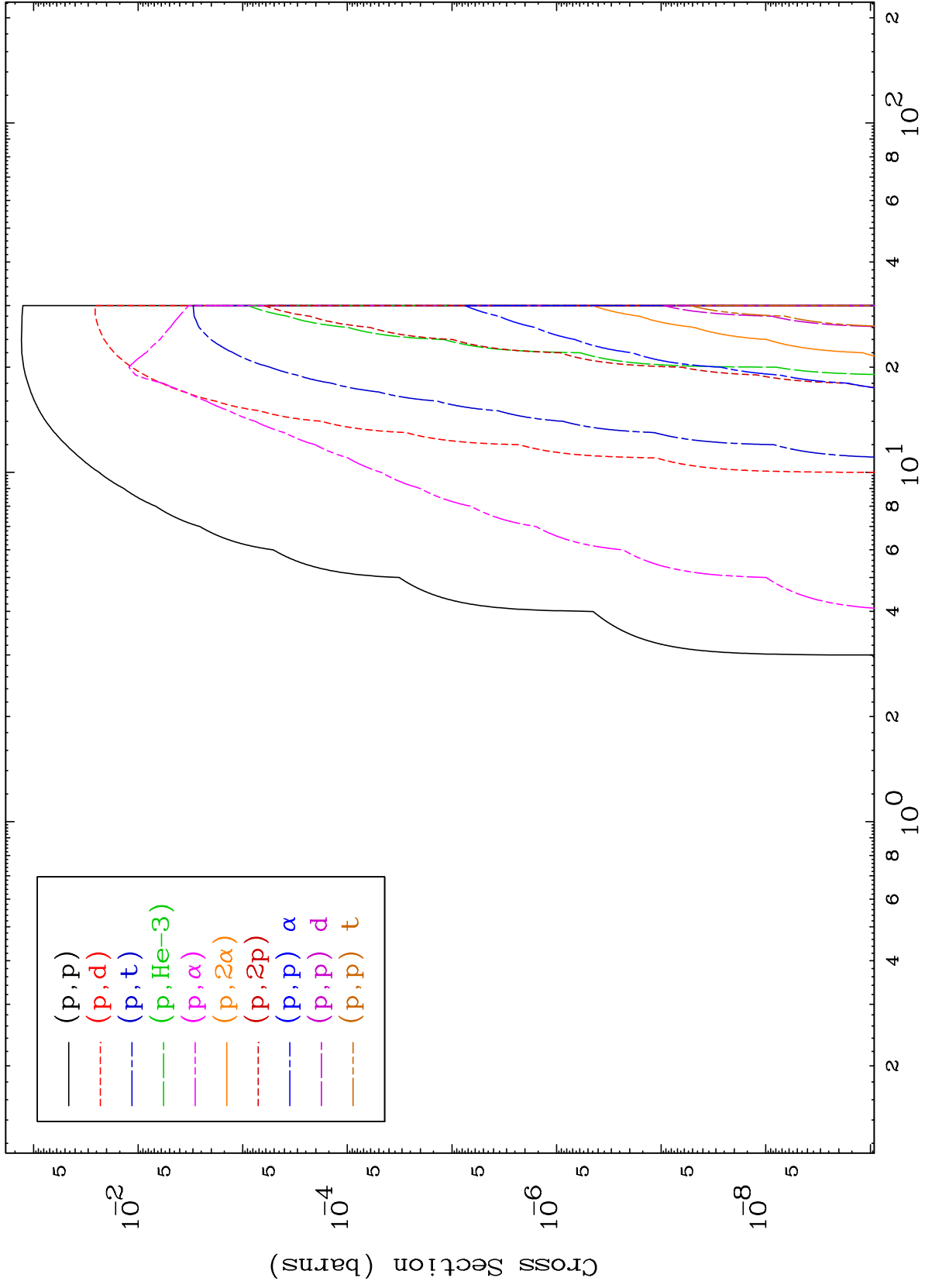
48-Cd-114



MAT 4849

Proton Charged Particle  
0 Kelvin Cross Sections

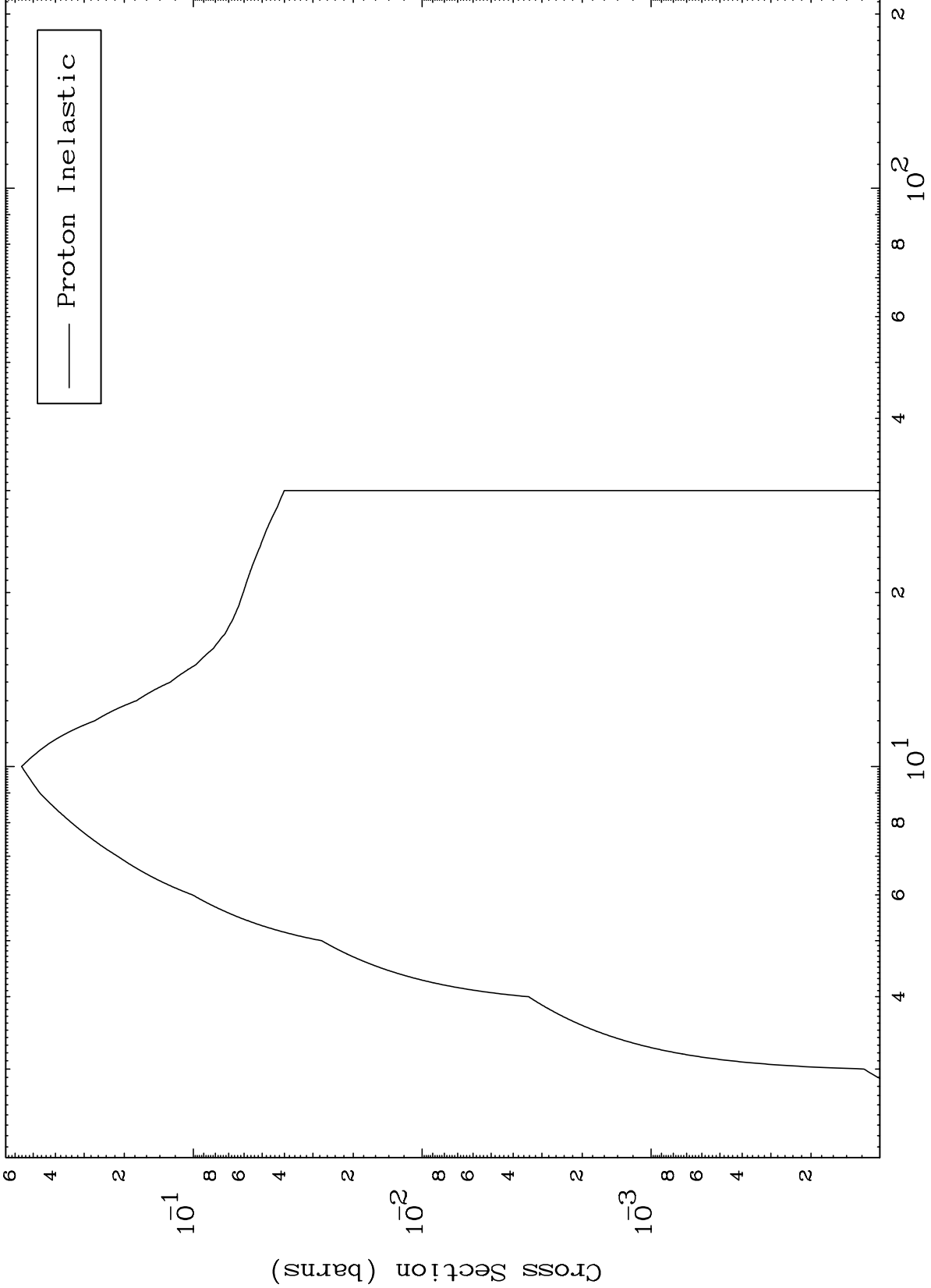
48-Cd-114



MAT 4849

48-Cd-114

(p,n') Level  
0 Kelvin Cross Sections



— Proton Inelastic

6

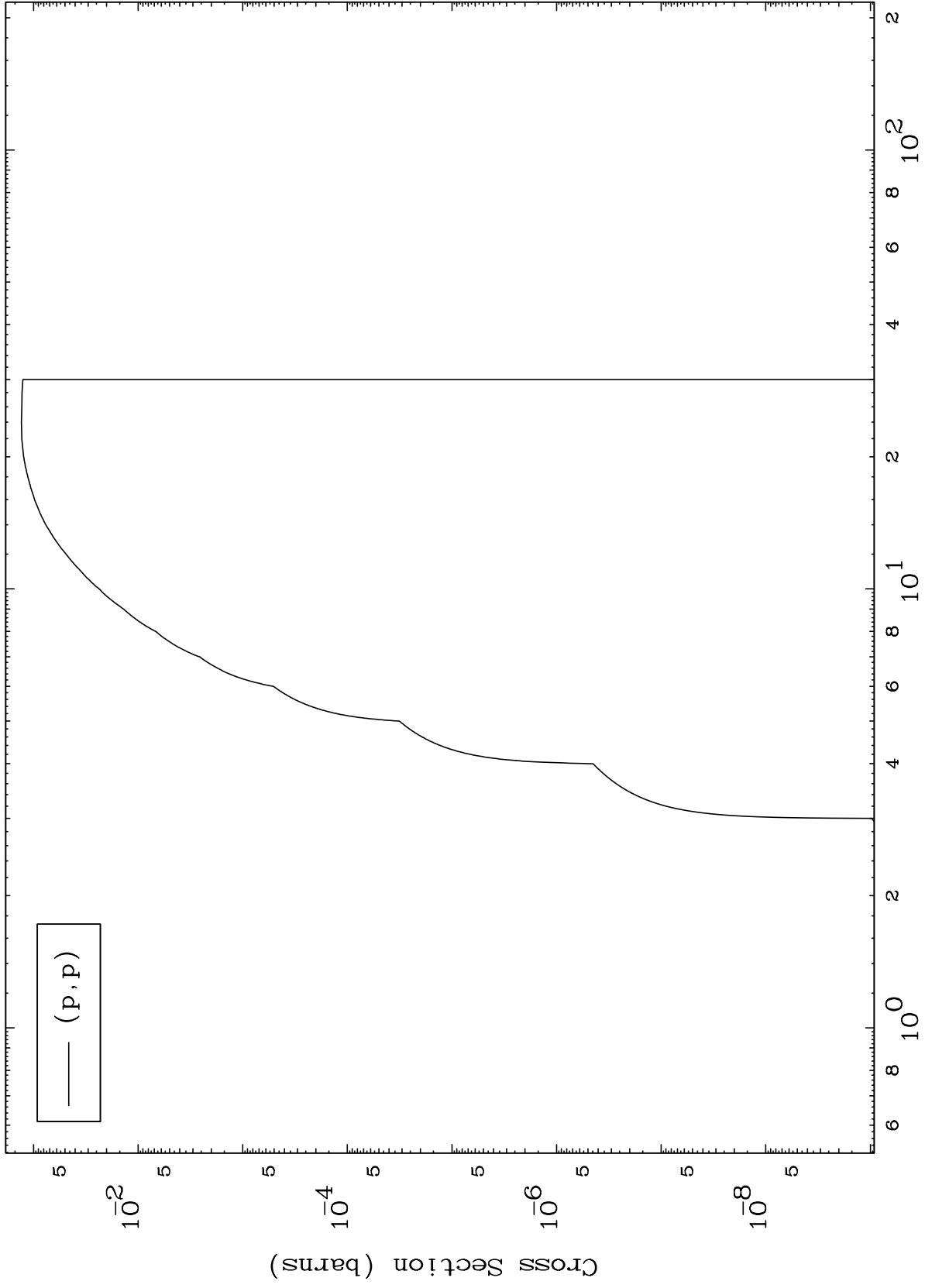
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(p,p) Levels  
0 Kelvin Cross Sections



7

Incident Energy (MeV)

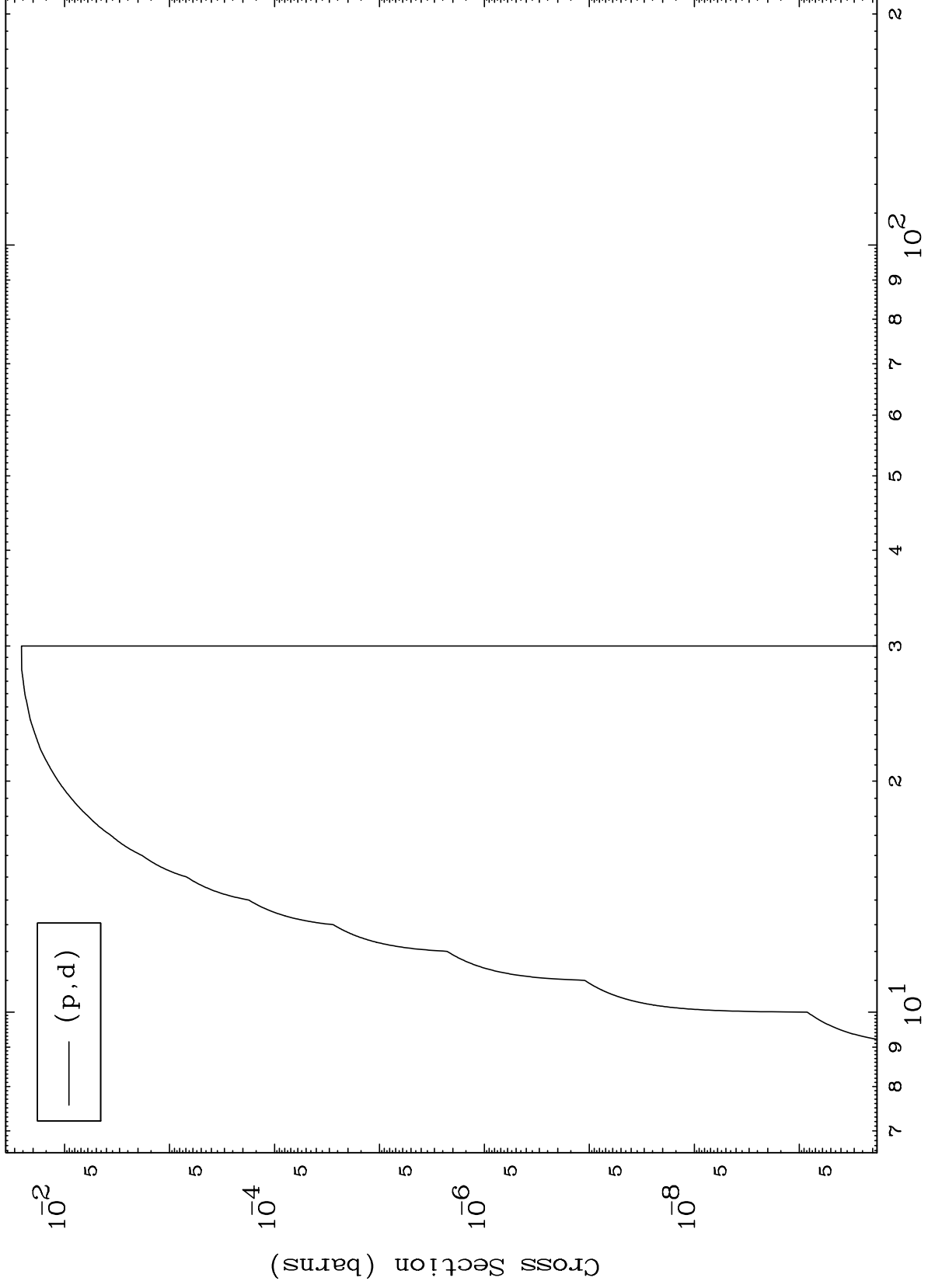
48-Cd-114



MAT 4849

(p,d) Levels  
0 Kelvin Cross Sections

48-Cd-114



8

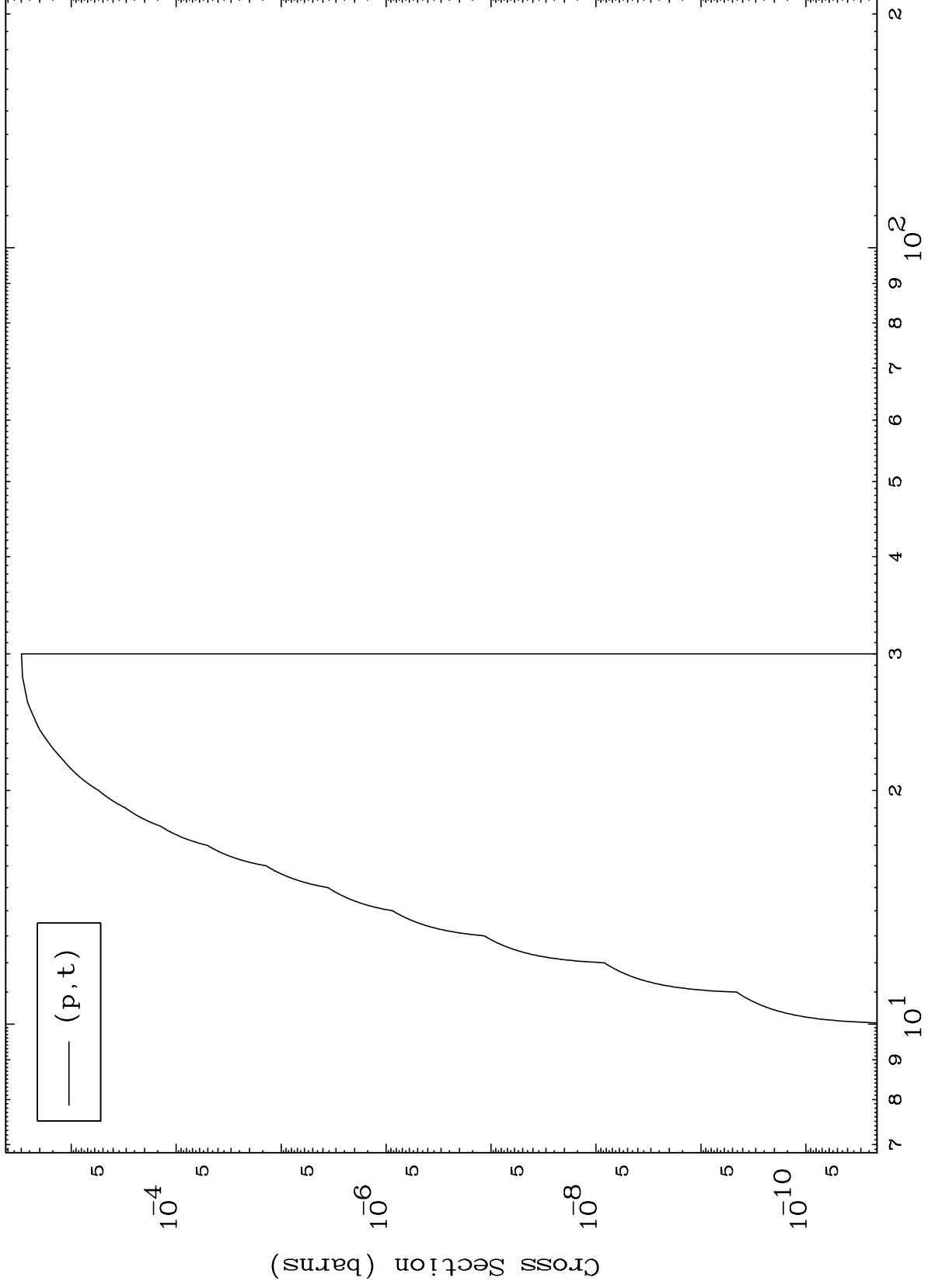
Incident Energy (MeV)

48-Cd-114

MAT 4849

(p,t) Levels  
0 Kelvin Cross Sections

48-Cd-114



9

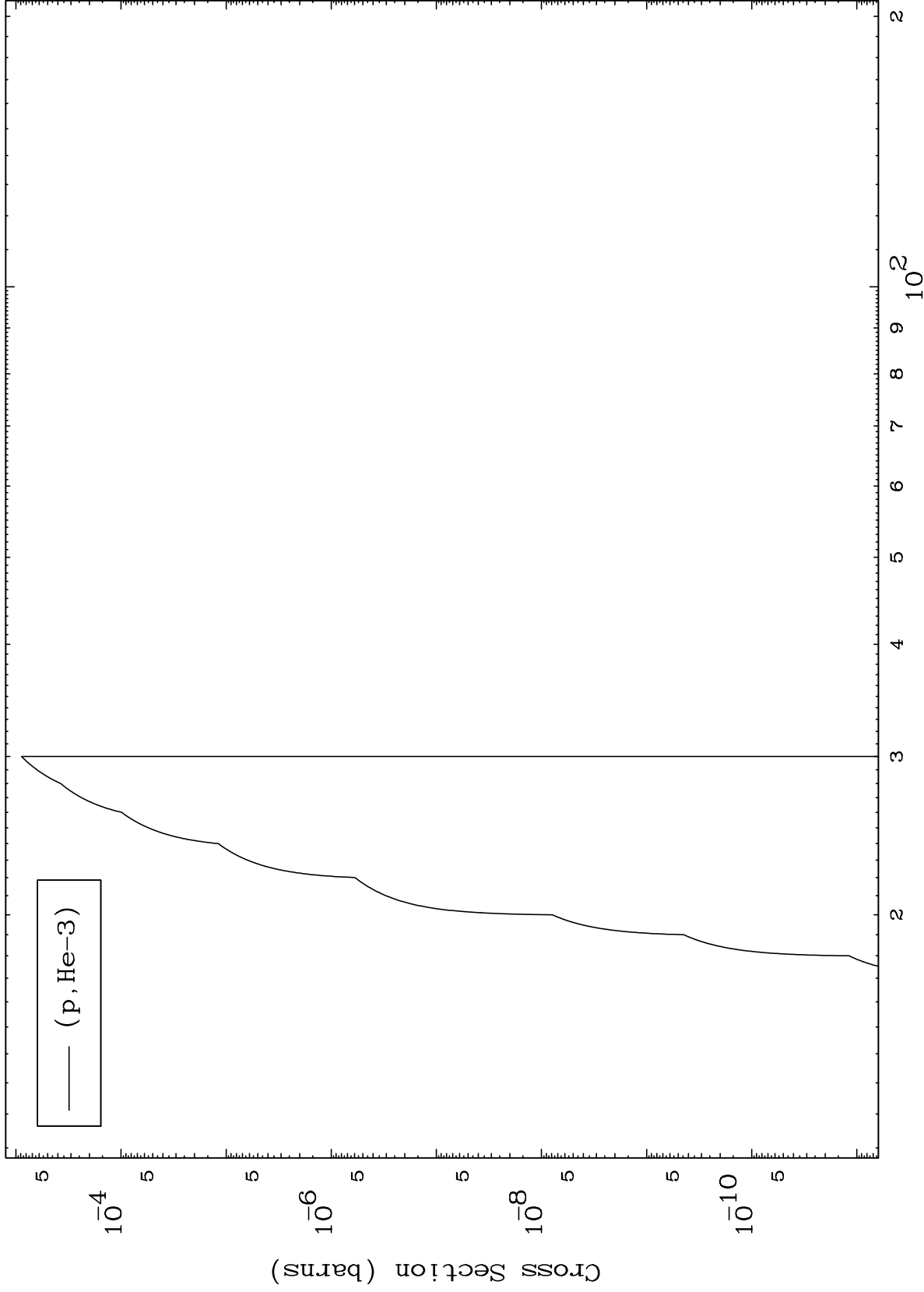
Incident Energy (MeV)

48-Cd-114

MAT 4849

(p,He3) Levels  
0 Kelvin Cross Sections

48-Cd-114



10

Incident Energy (MeV)

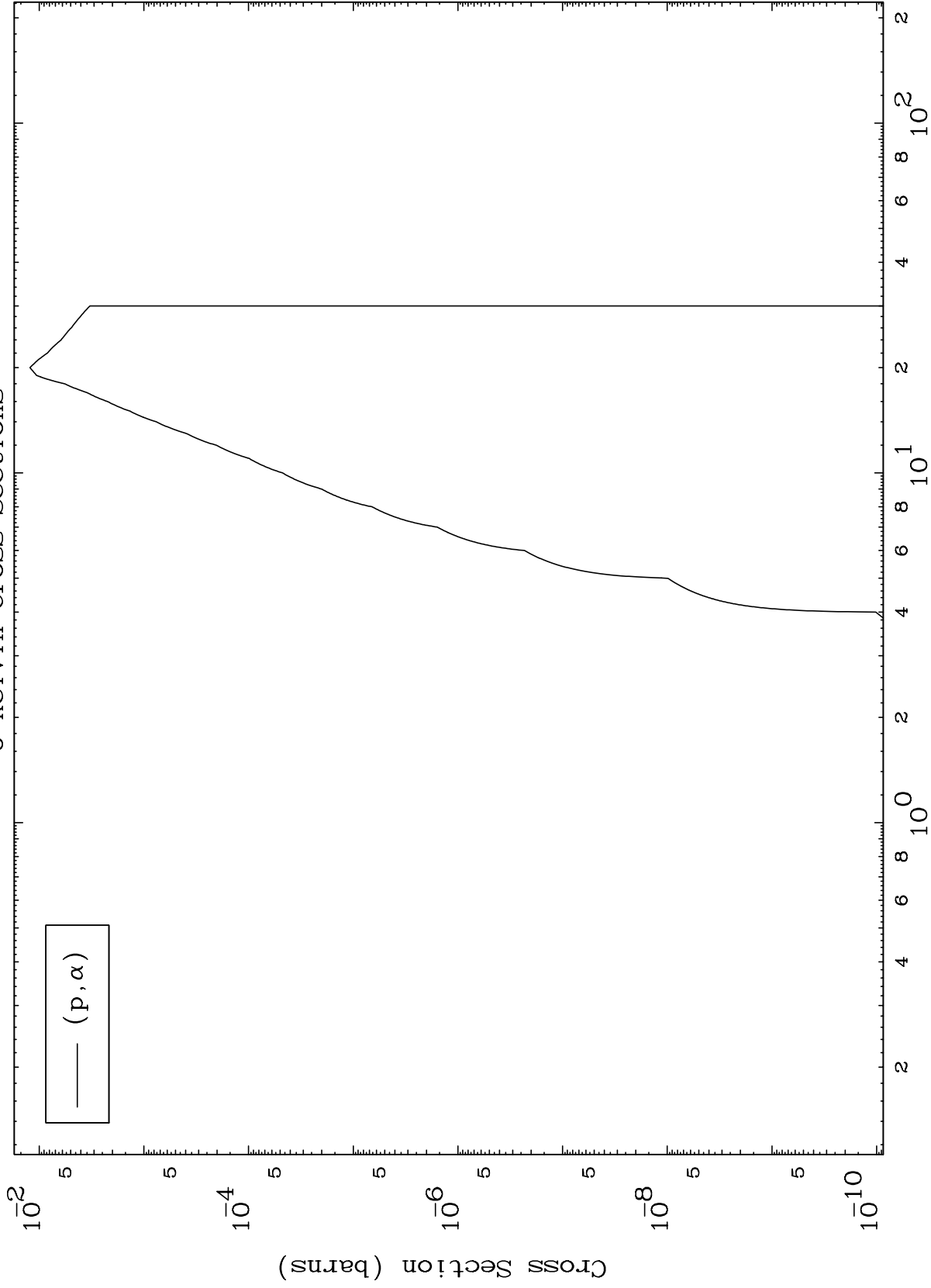
48-Cd-114

MAT 4849

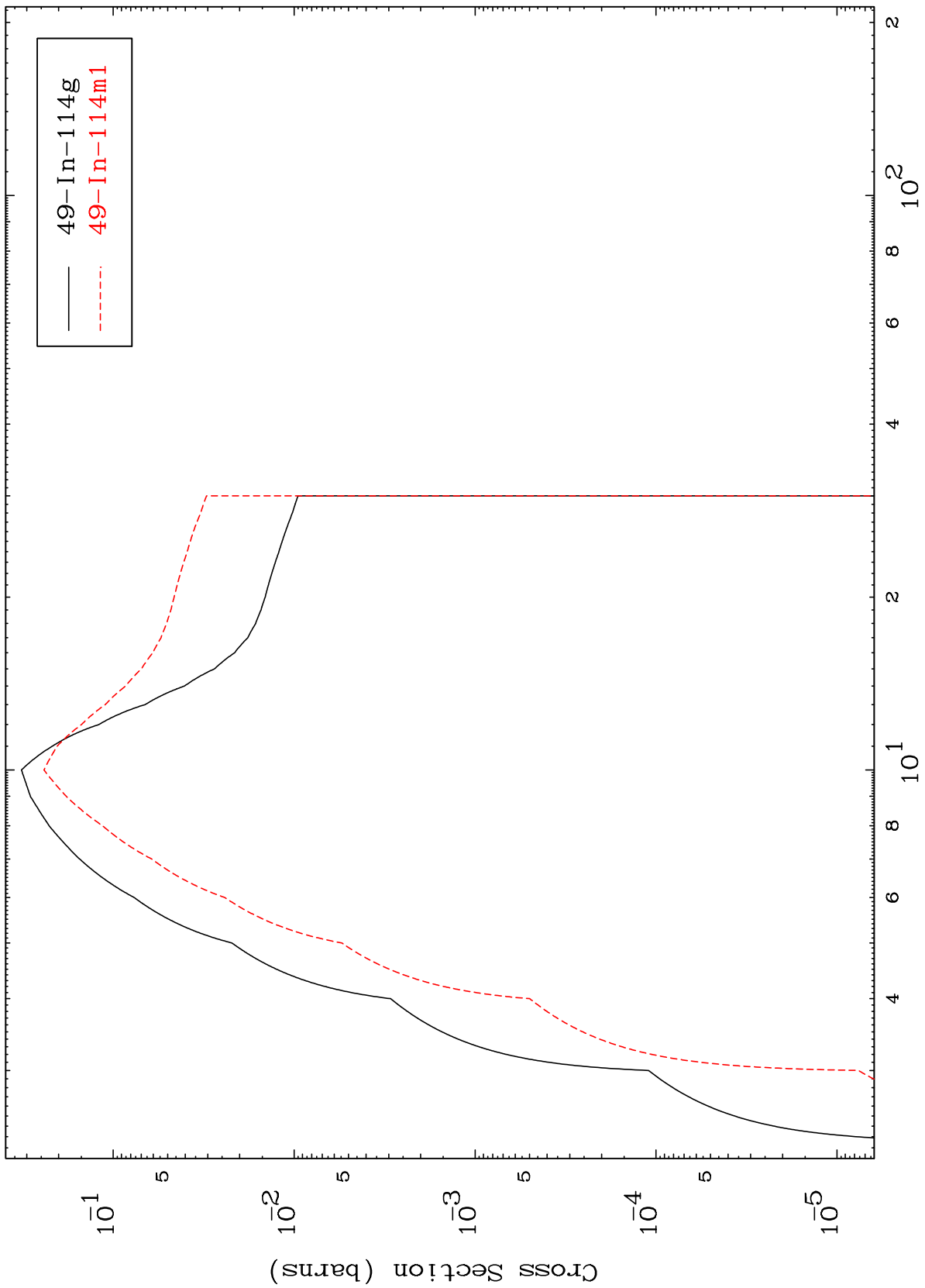
(p,  $\alpha$ ) Levels

48-Cd-114

0 Kelvin Cross Sections



Proton Inelastic  
Radionuclide Production Cross Section

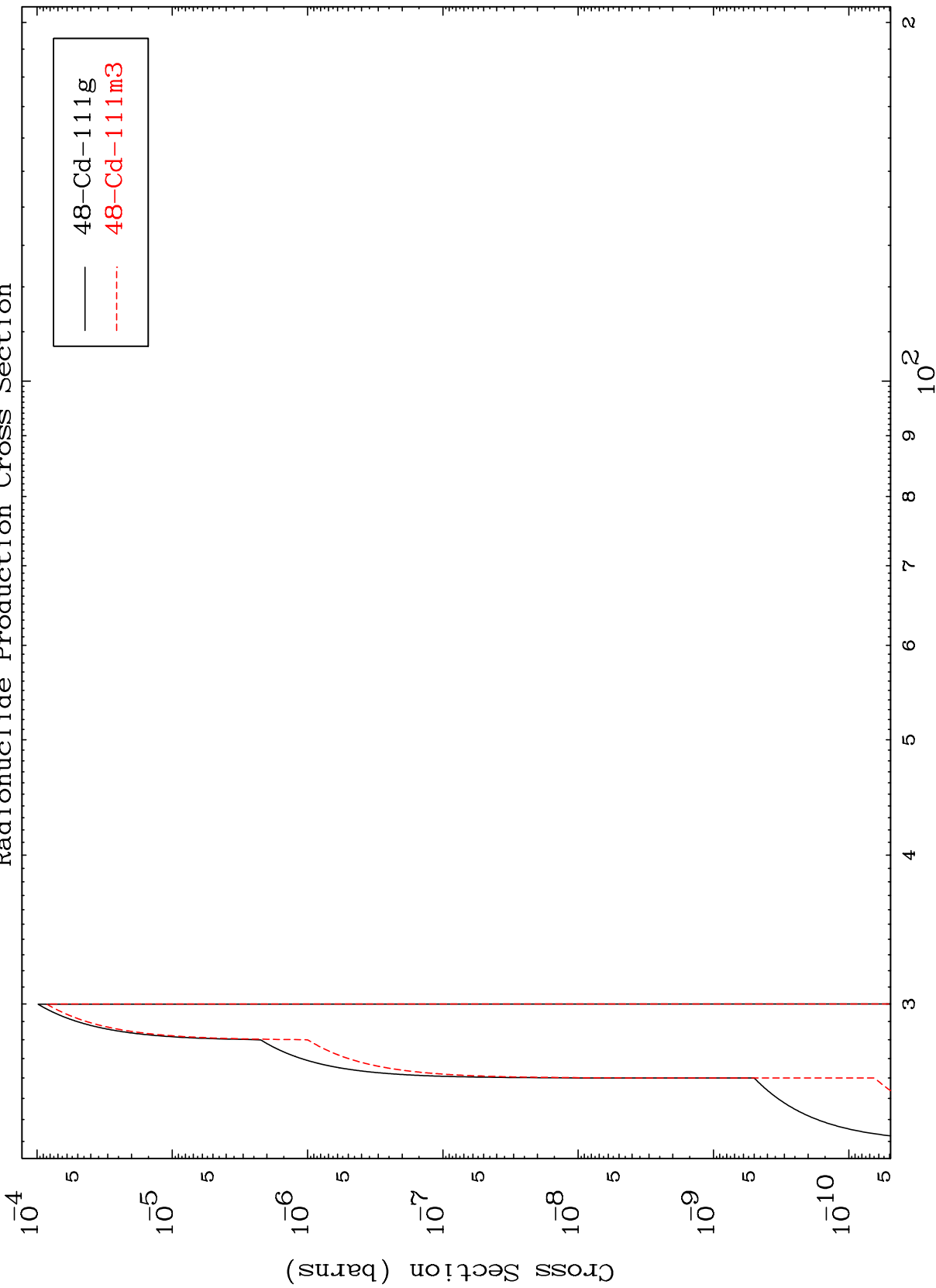


MAT 4849

(p,2n) d

48-Cd-114

Radionuclide Production Cross Section

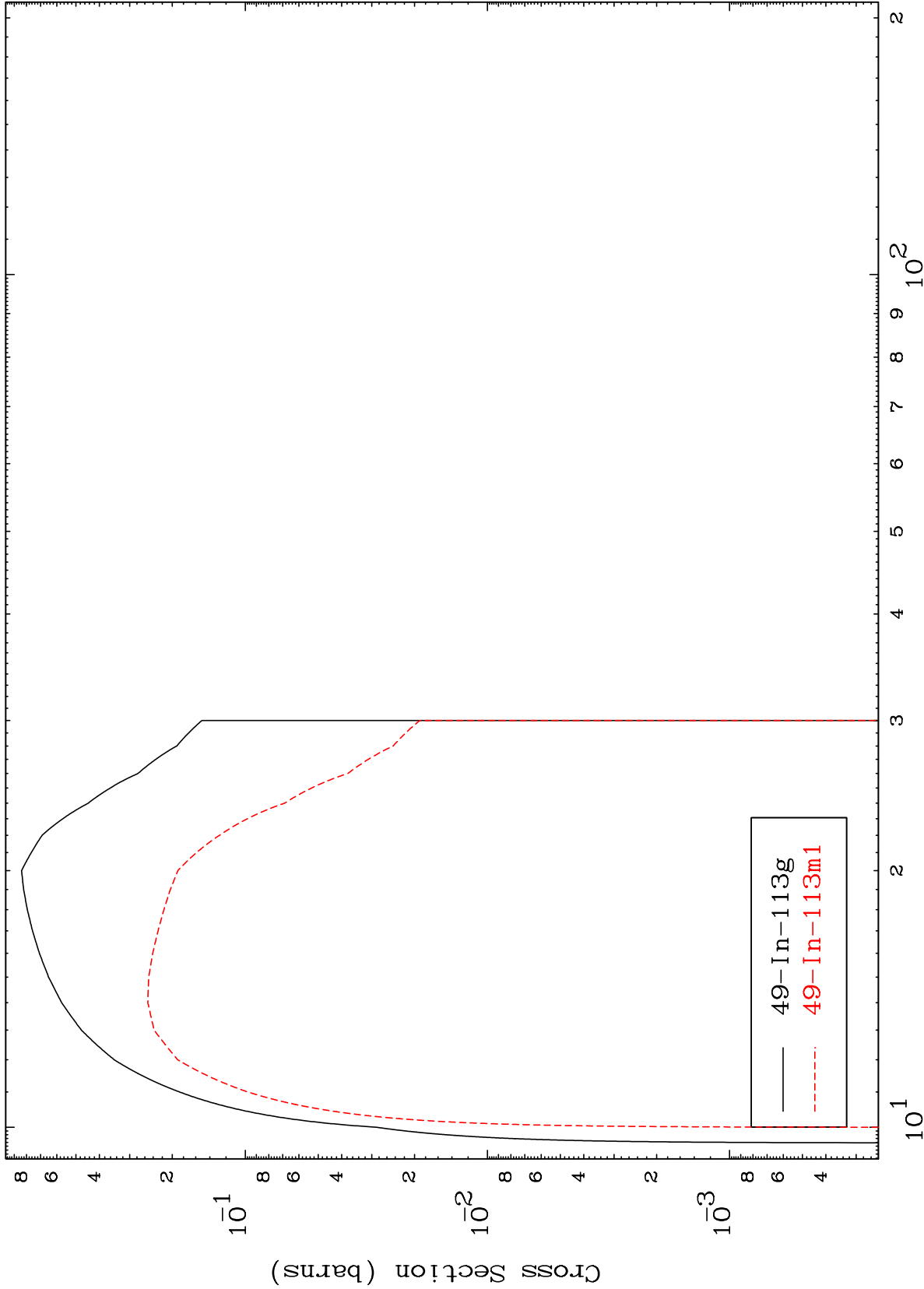


48-Cd-111g  
48-Cd-111m3

MAT 4849

48-Cd-114

(p,2n)  
Radionuclide Production Cross Section



48-Cd-114

Incident Energy (MeV)

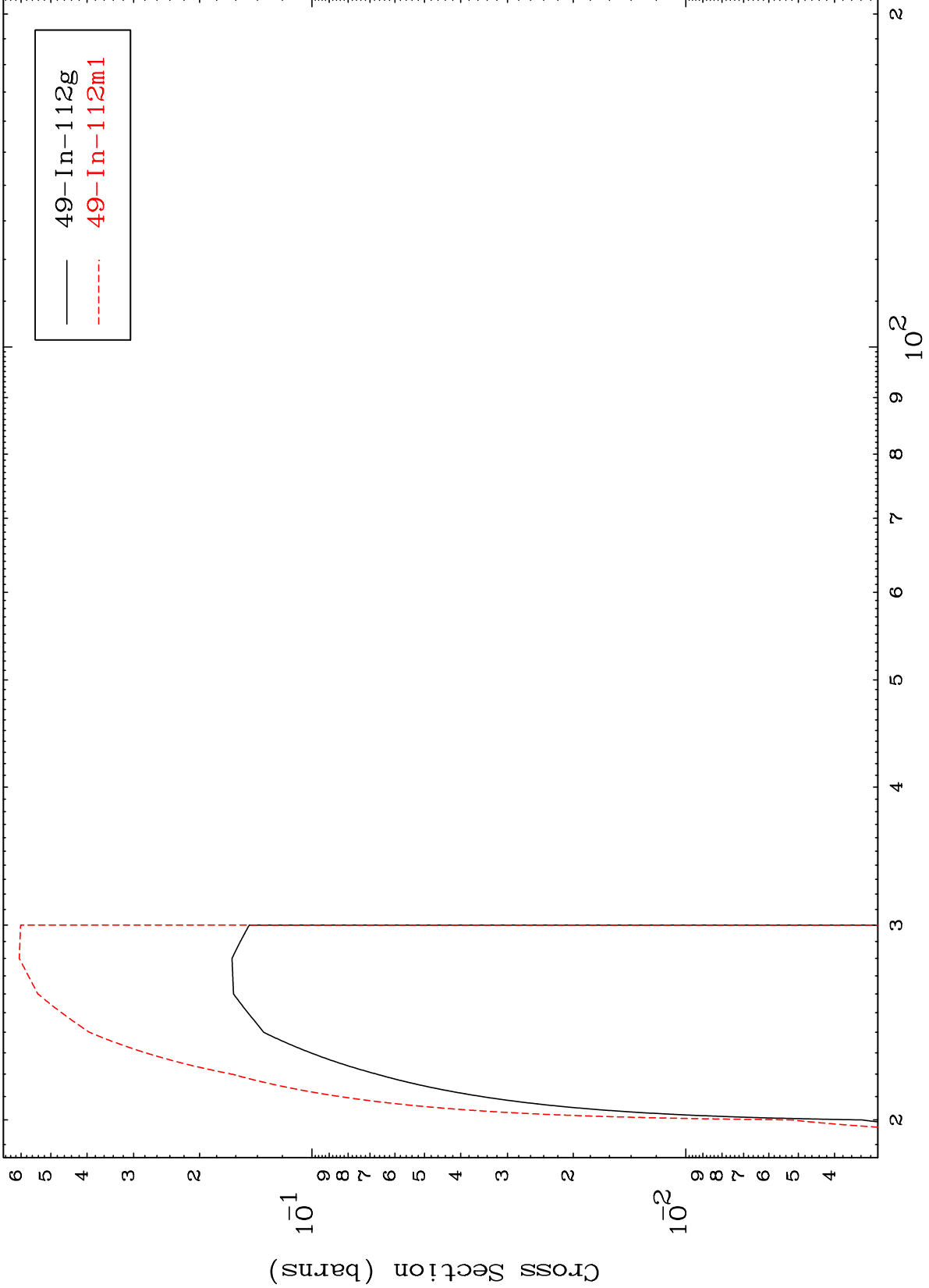
14

MAT 4849

(p,3n)

48-Cd-114

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-114

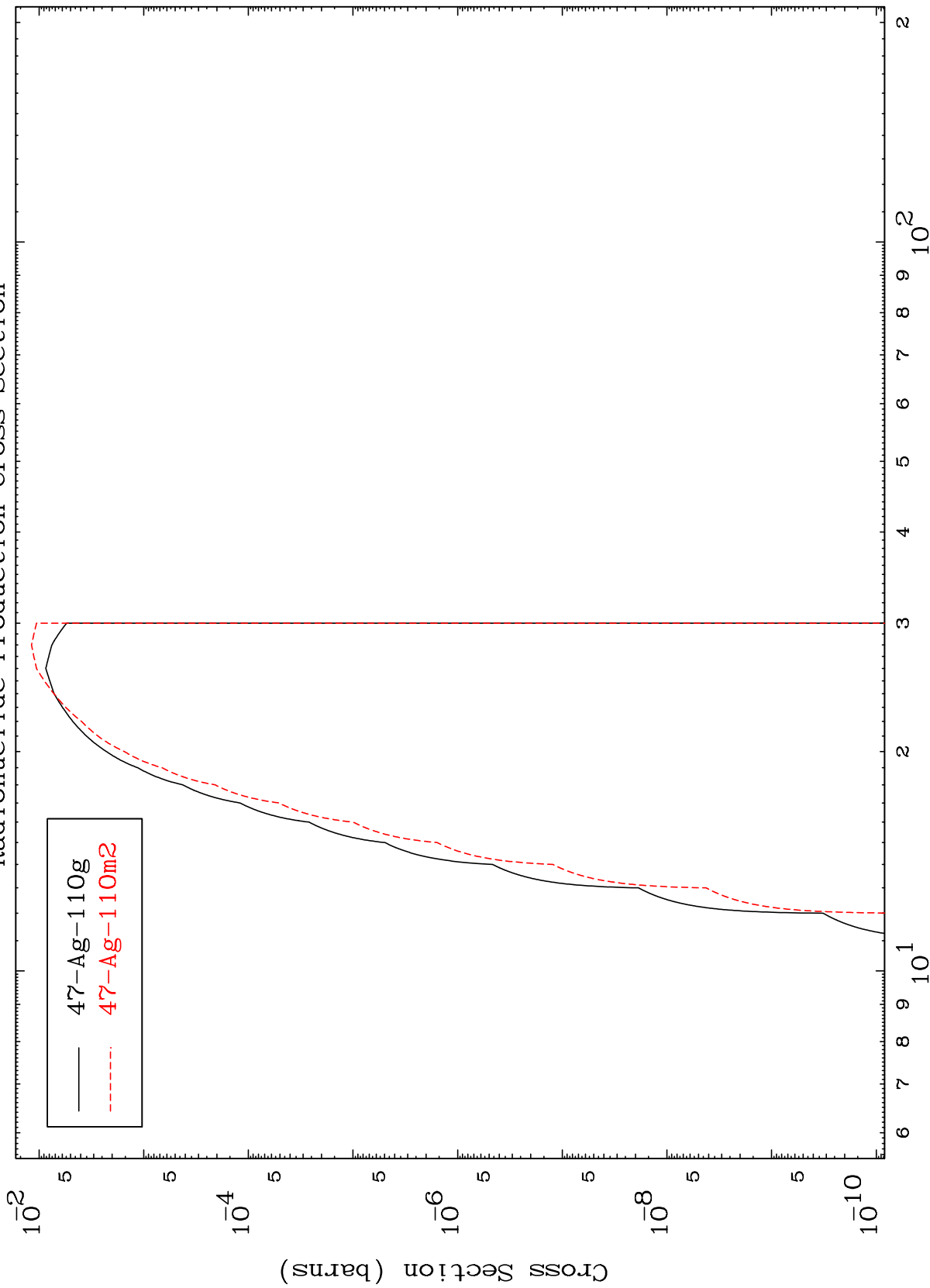


MAT 4849

48-Cd-114

(p,n')  $\alpha$

Radionuclide Production Cross Section



48-Cd-114

Incident Energy (MeV)

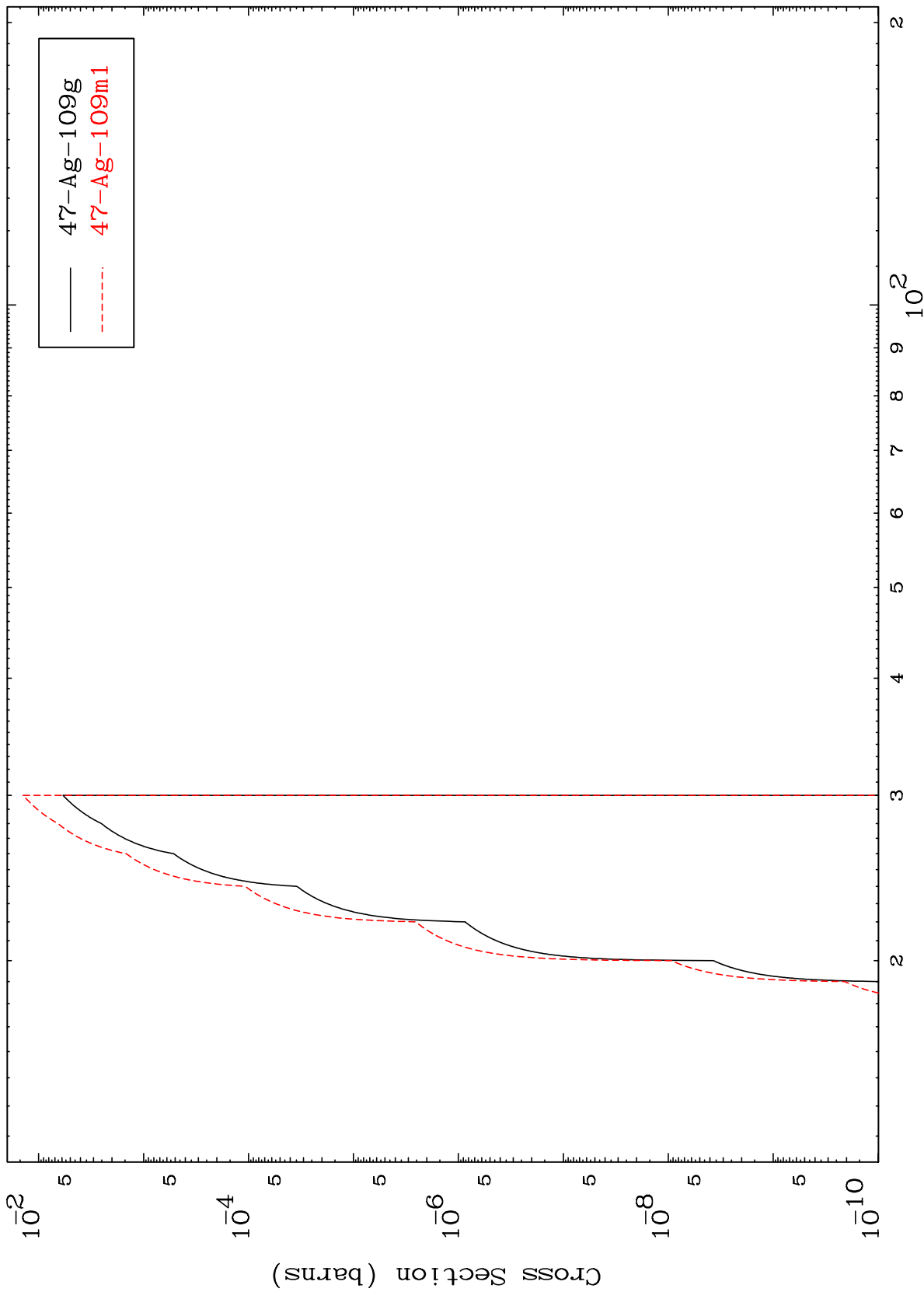
16

MAT 4849

(p,2n)  $\alpha$

48-Cd-114

Radionuclide Production Cross Section



17

Incident Energy (MeV)

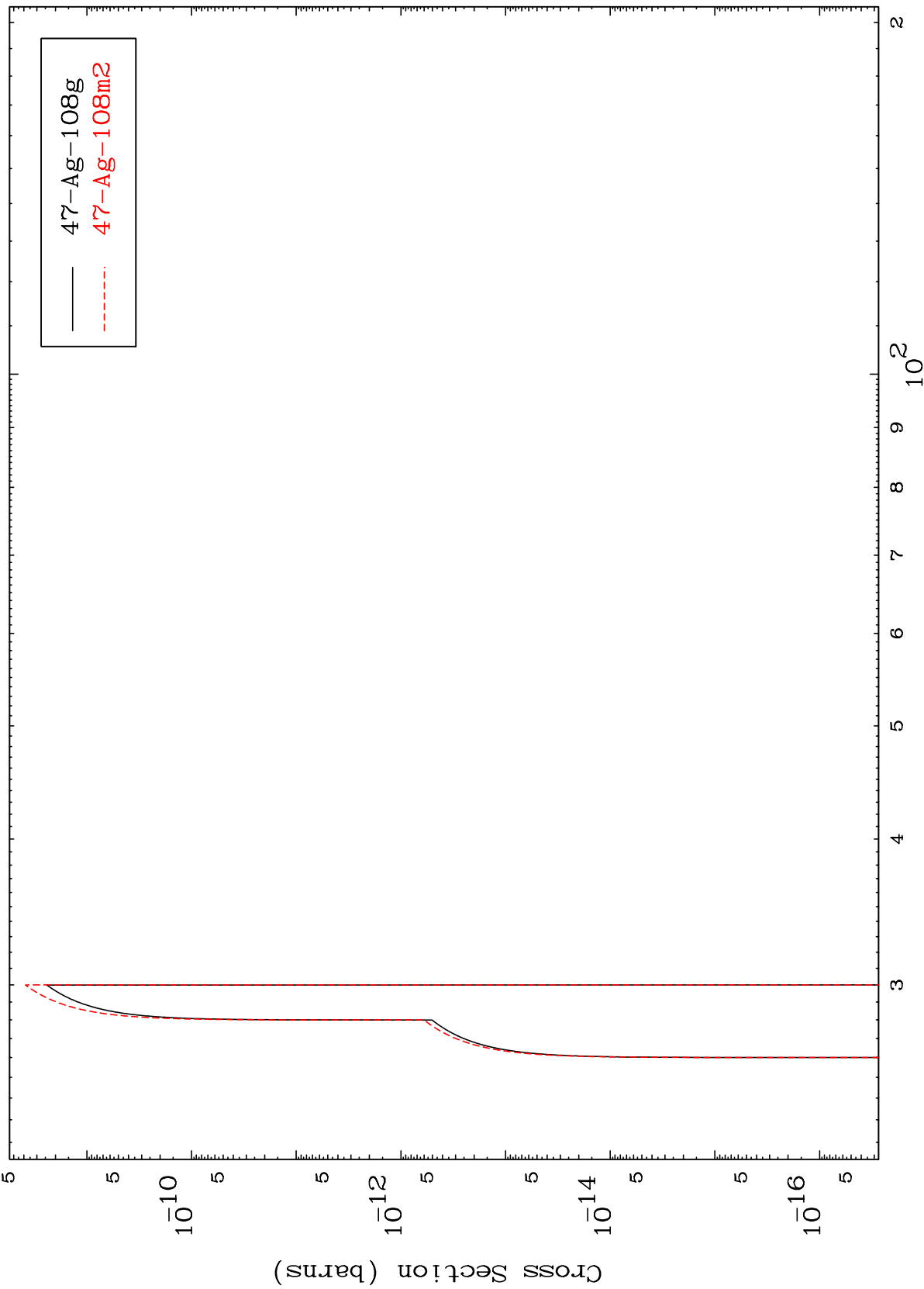
48-Cd-114

MAT 4849

(p,3n)  $\alpha$

48-Cd-114

Radionuclide Production Cross Section



47-Ag-108g  
47-Ag-108m2

18

Incident Energy (MeV)

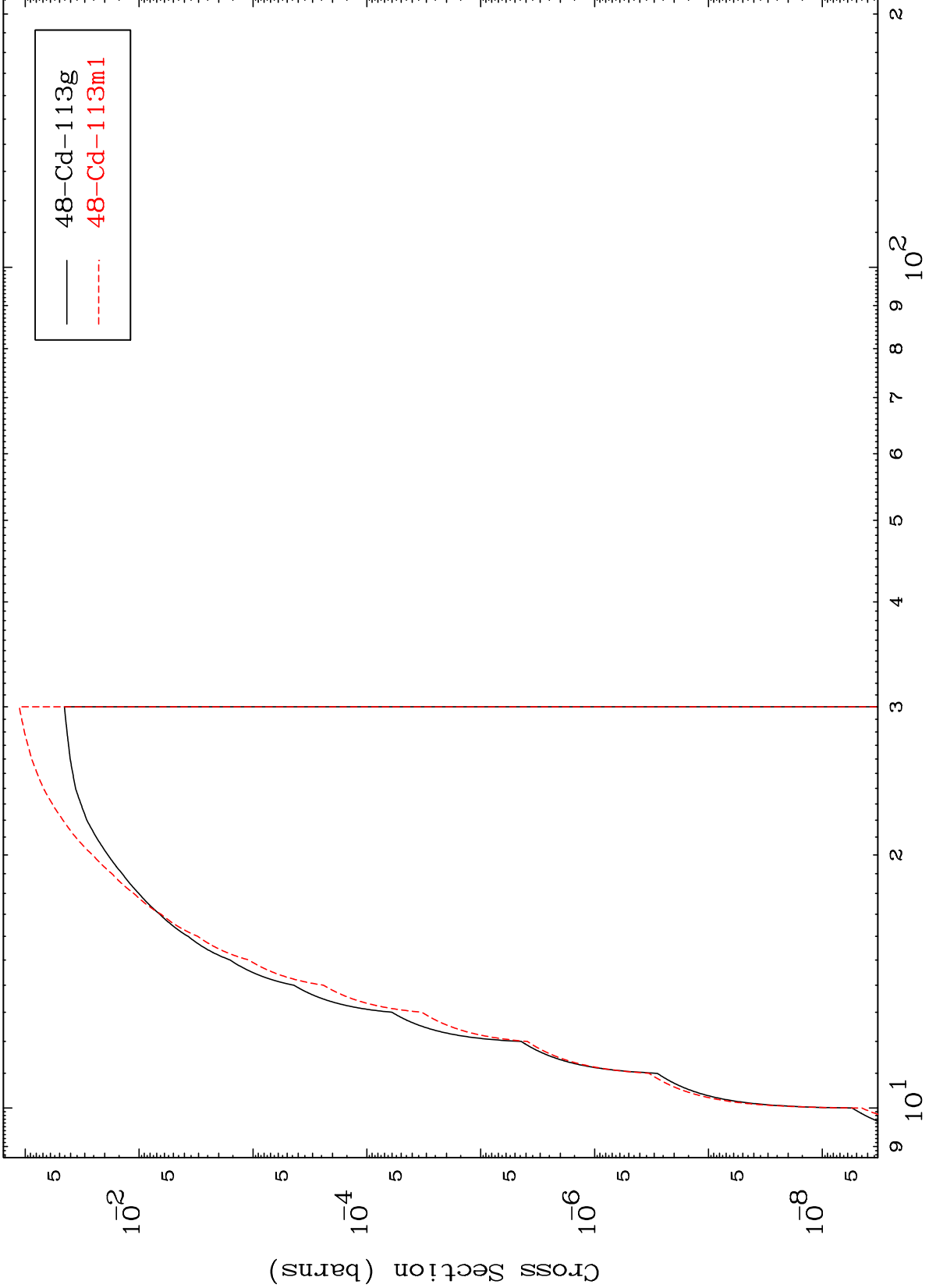
48-Cd-114

MAT 4849

(p,n') p

48-Cd-114

Radionuclide Production Cross Section



Incident Energy (MeV)

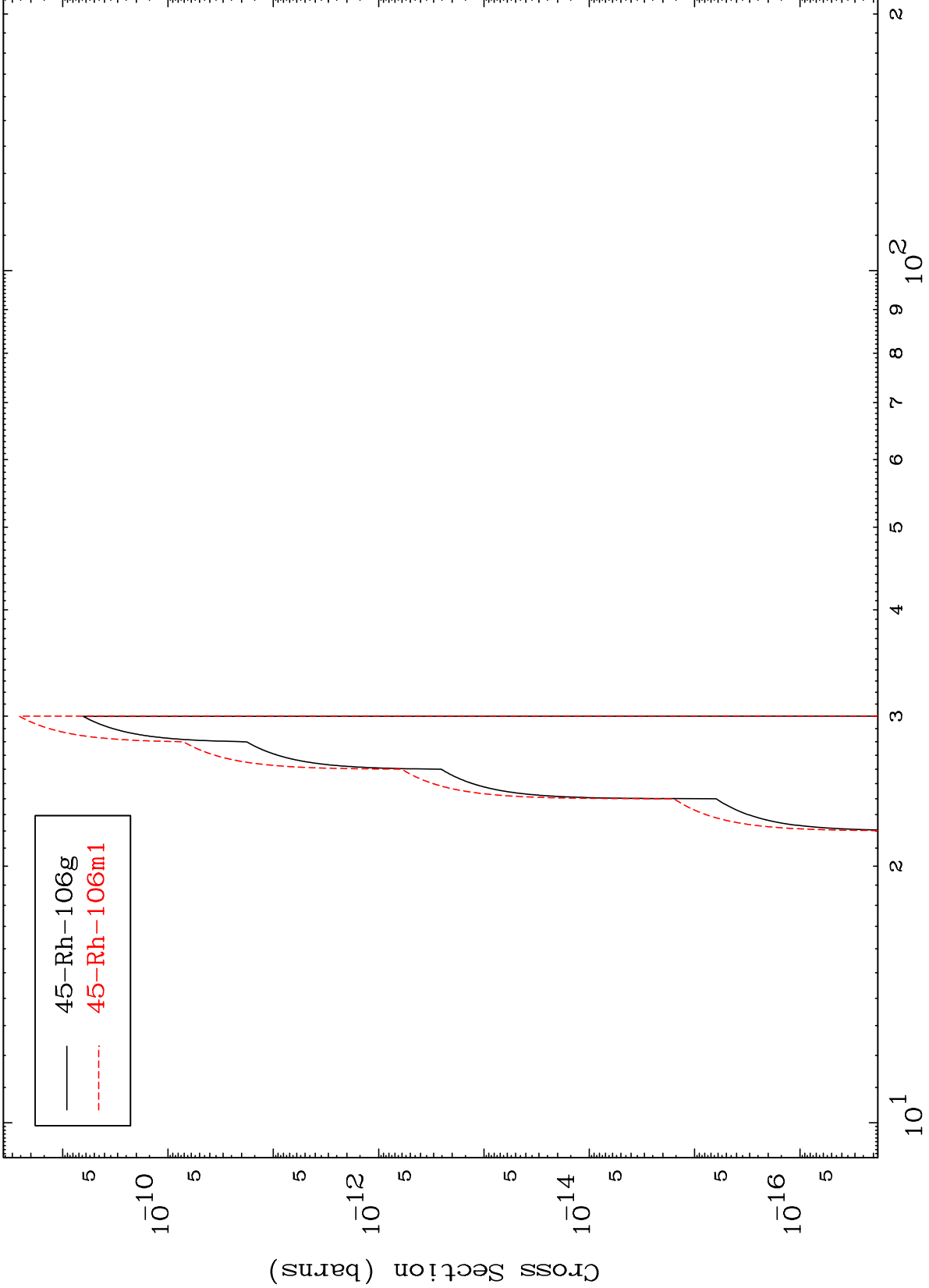
48-Cd-114

MAT 4849

(p,n') 2α

48-Cd-114

Radionuclide Production Cross Section

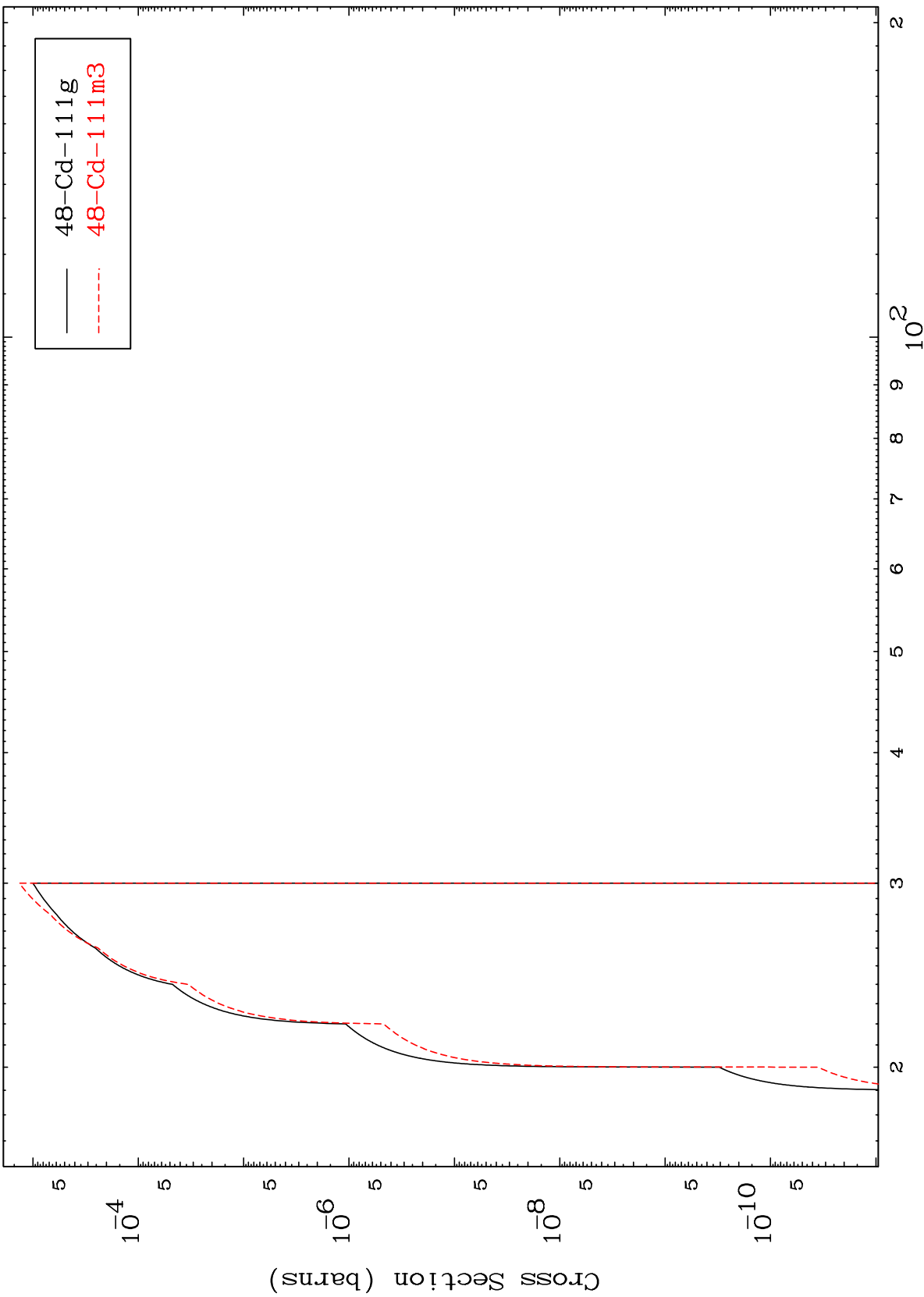


20

Incident Energy (MeV)

48-Cd-114

Radionuclide Production Cross Section

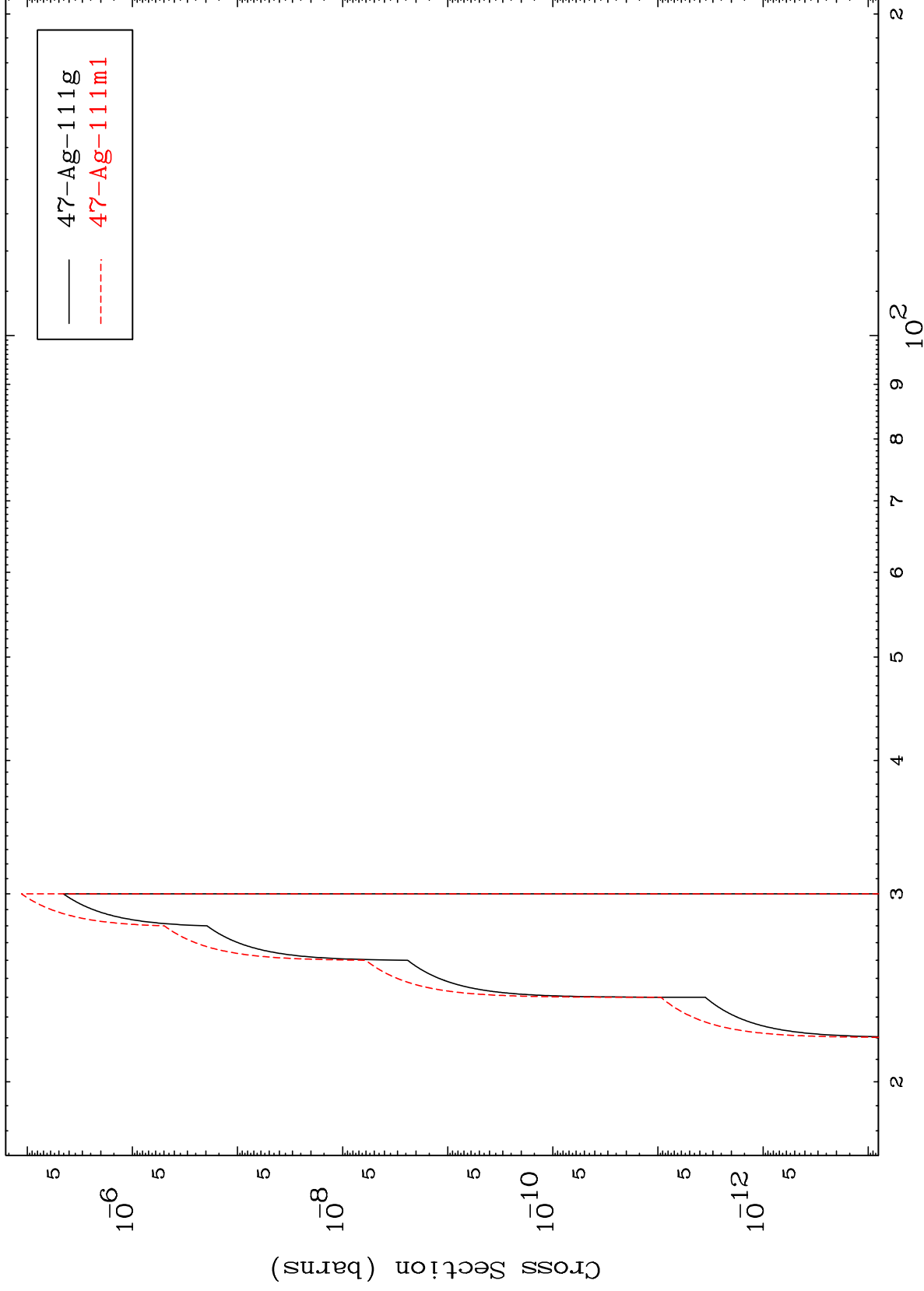


MAT 4849

(p,n') He-3

48-Cd-114

Radionuclide Production Cross Section



22

Incident Energy (MeV)

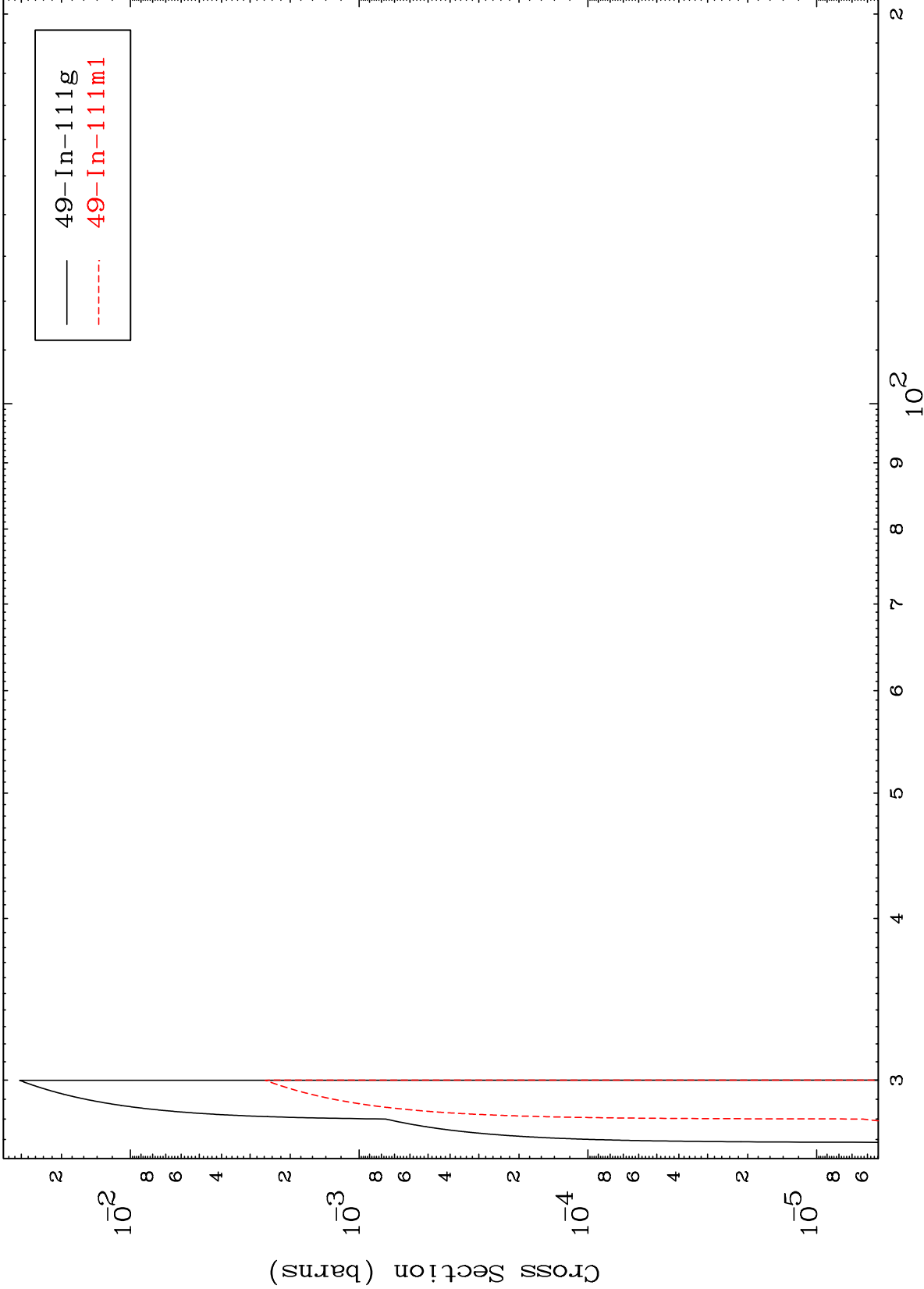
48-Cd-114

MAT 4849

(p,4n)

48-Cd-114

Radionuclide Production Cross Section



49-In-111g  
49-In-111m1

23

Incident Energy (MeV)

48-Cd-114

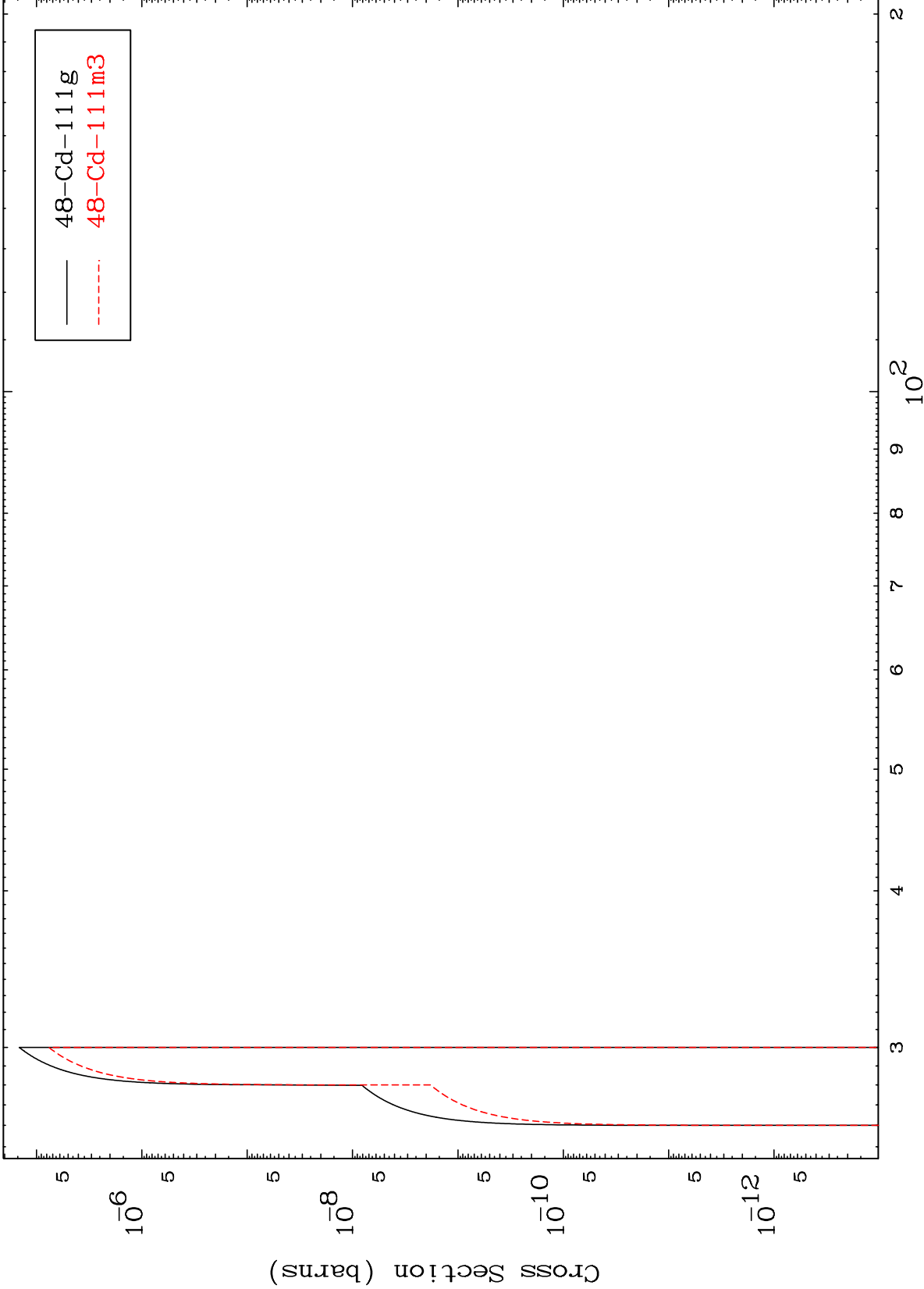


MAT 4849

(p,3n) p

48-Cd-114

Radionuclide Production Cross Section



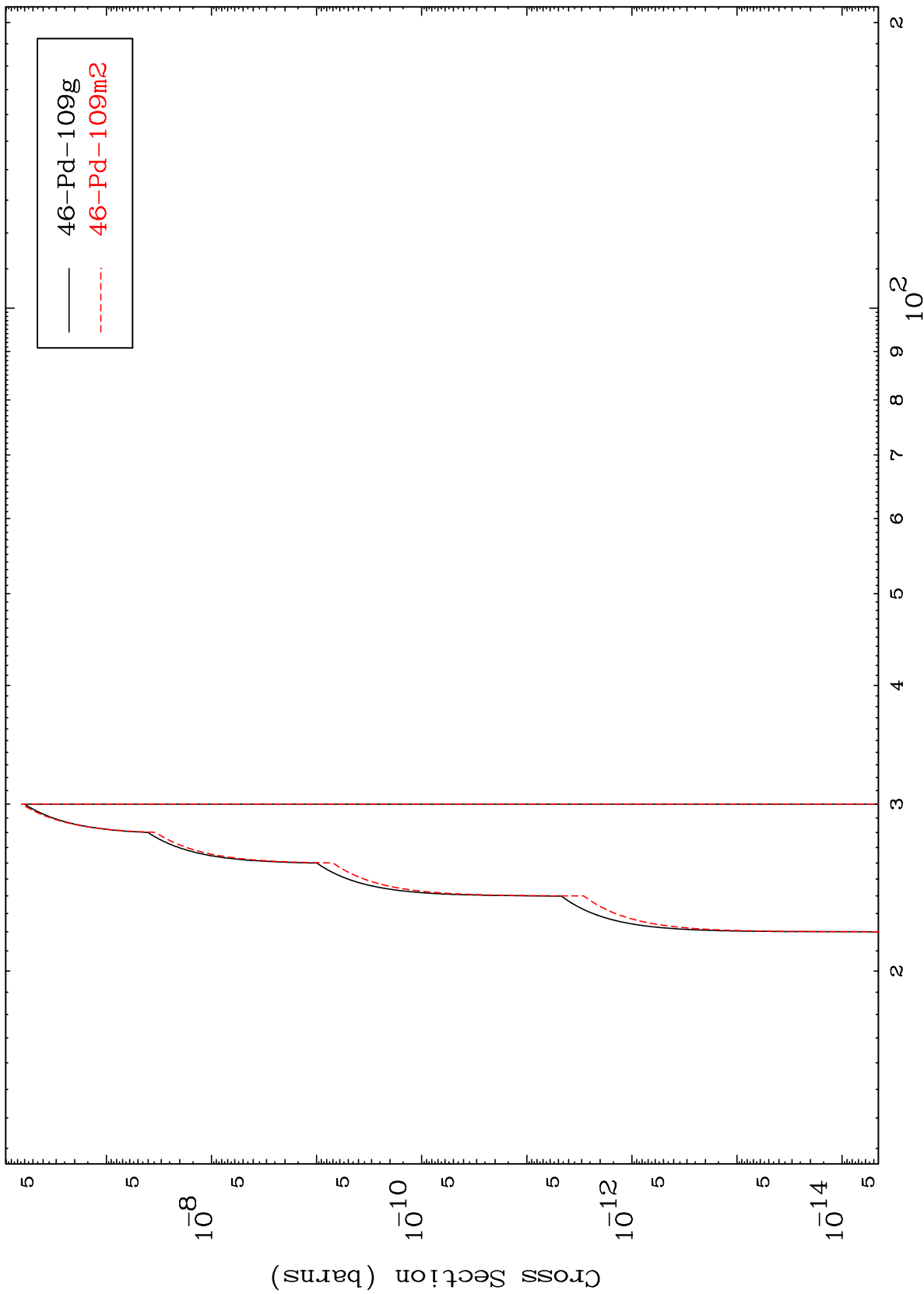
48-Cd-111g  
48-Cd-111m3

24

Incident Energy (MeV)

48-Cd-114

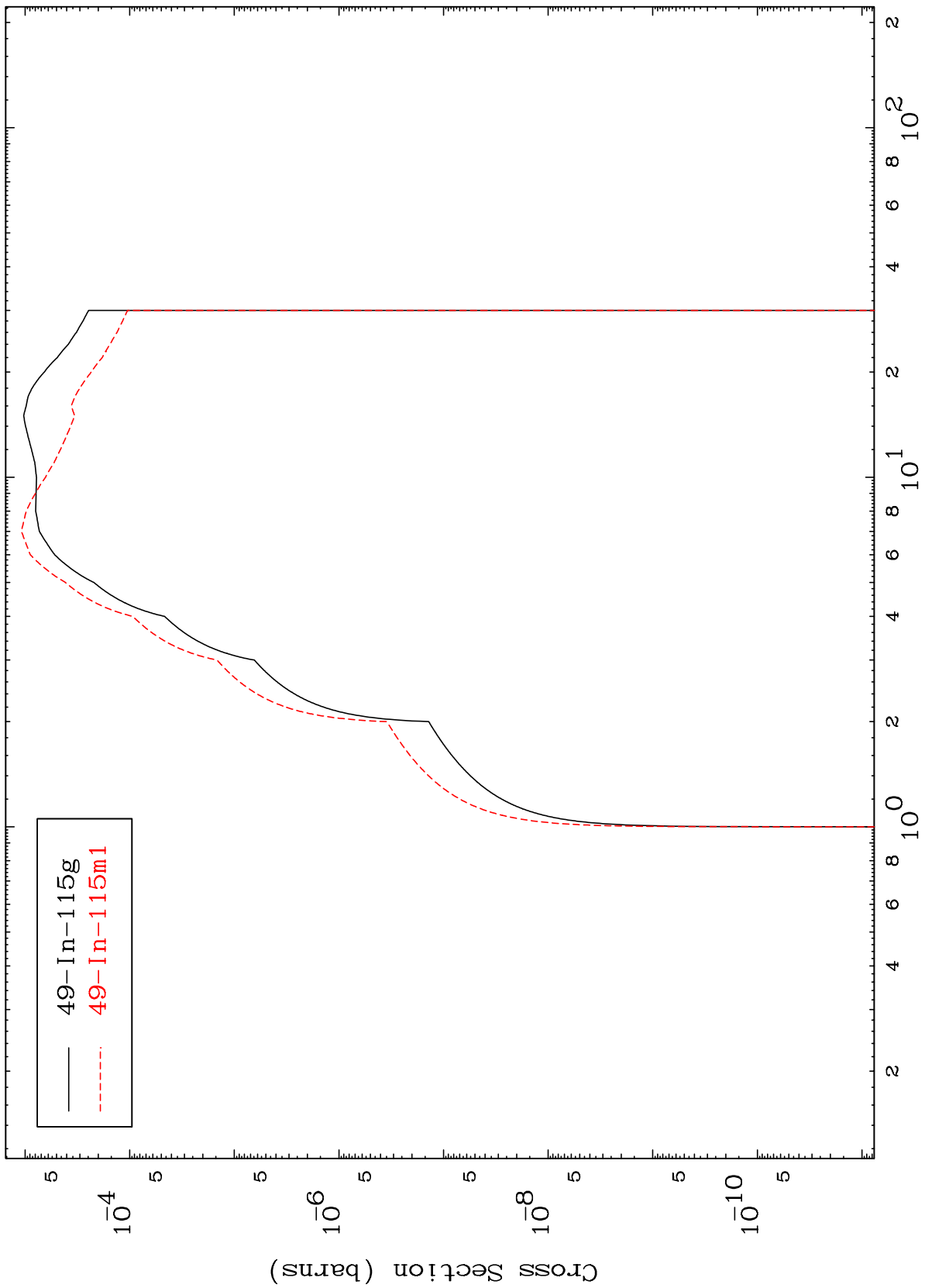
Radionuclide Production Cross Section



MAT 4849

48-Cd-114

(p,  $\gamma$ )  
Radionuclide Production Cross Section

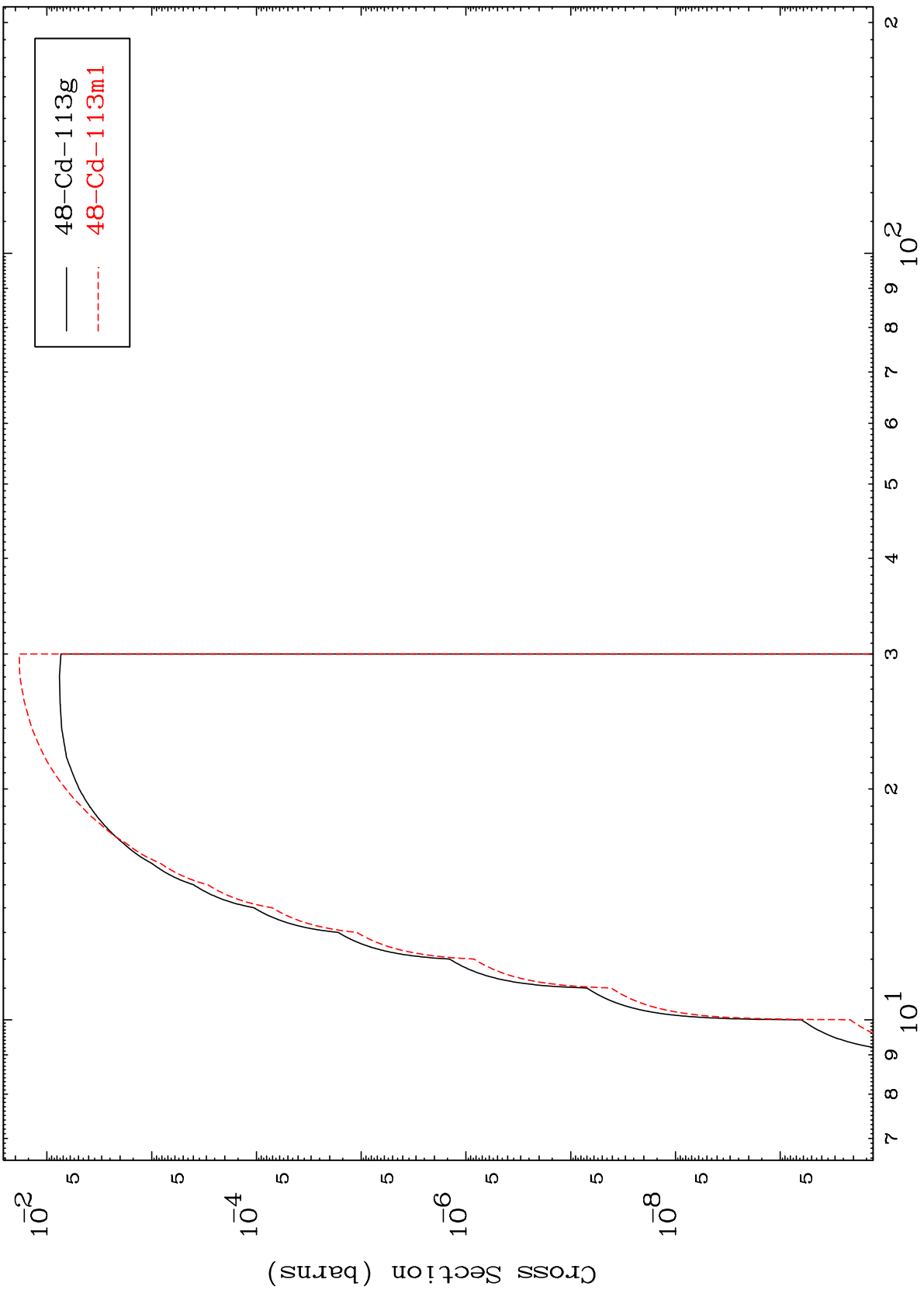


— 49-In-115g  
- - - 49-In-115m1

MAT 4849

48-Cd-114

(p,d)  
Radionuclide Production Cross Section



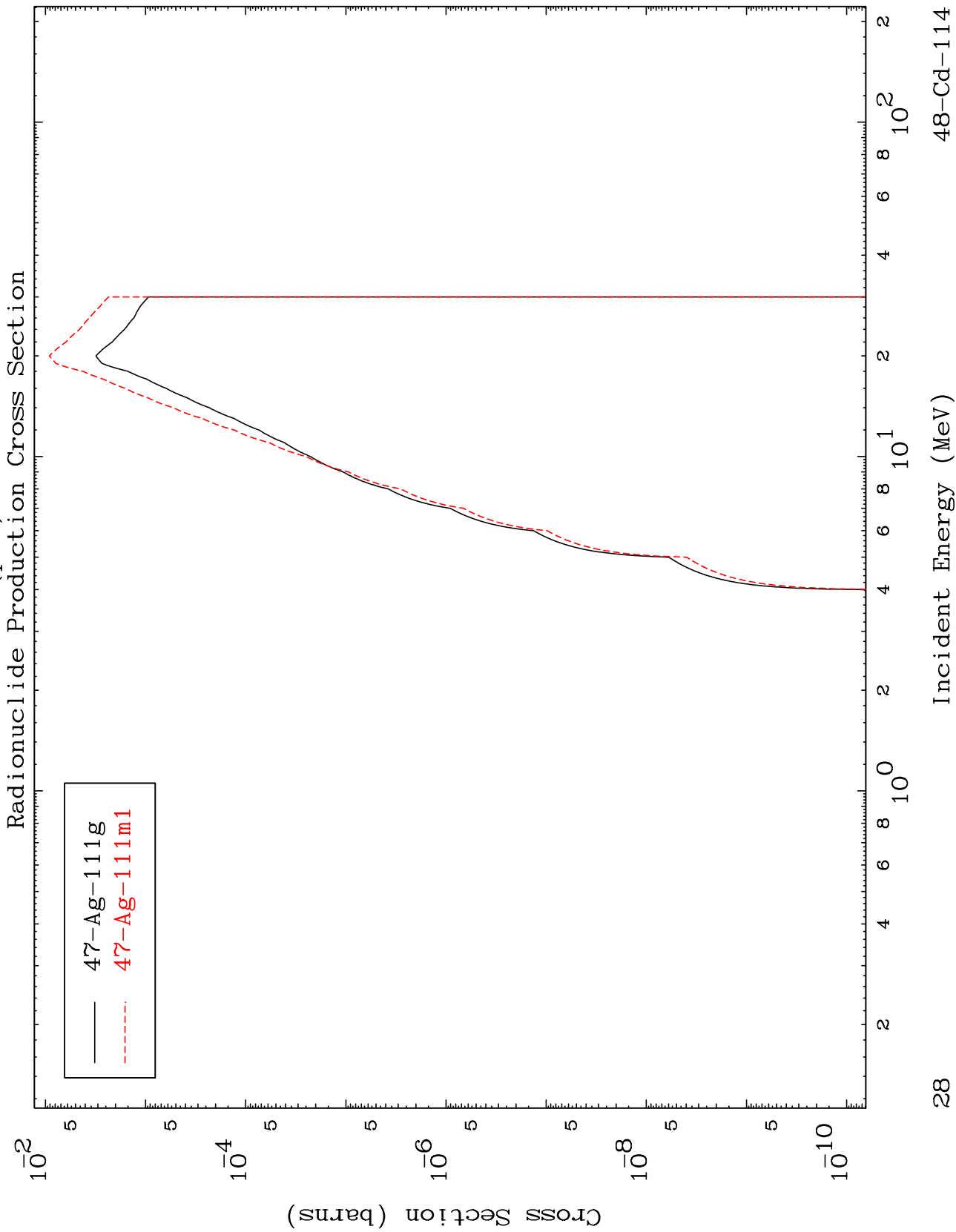
27

Incident Energy (MeV)

48-Cd-114

MAT 4849

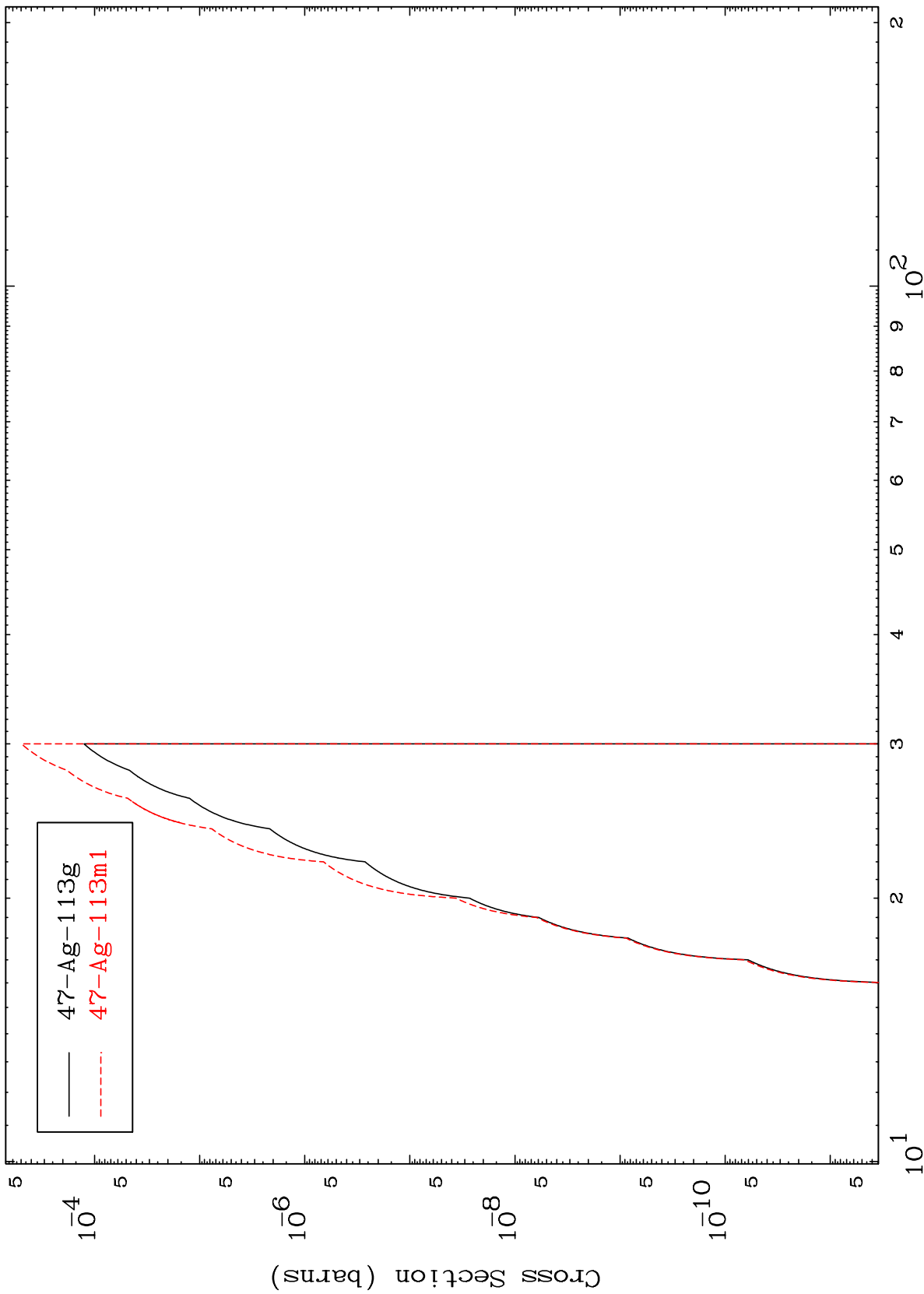
48-Cd-114



MAT 4849

48-Cd-114

(p,2p)  
Radionuclide Production Cross Section

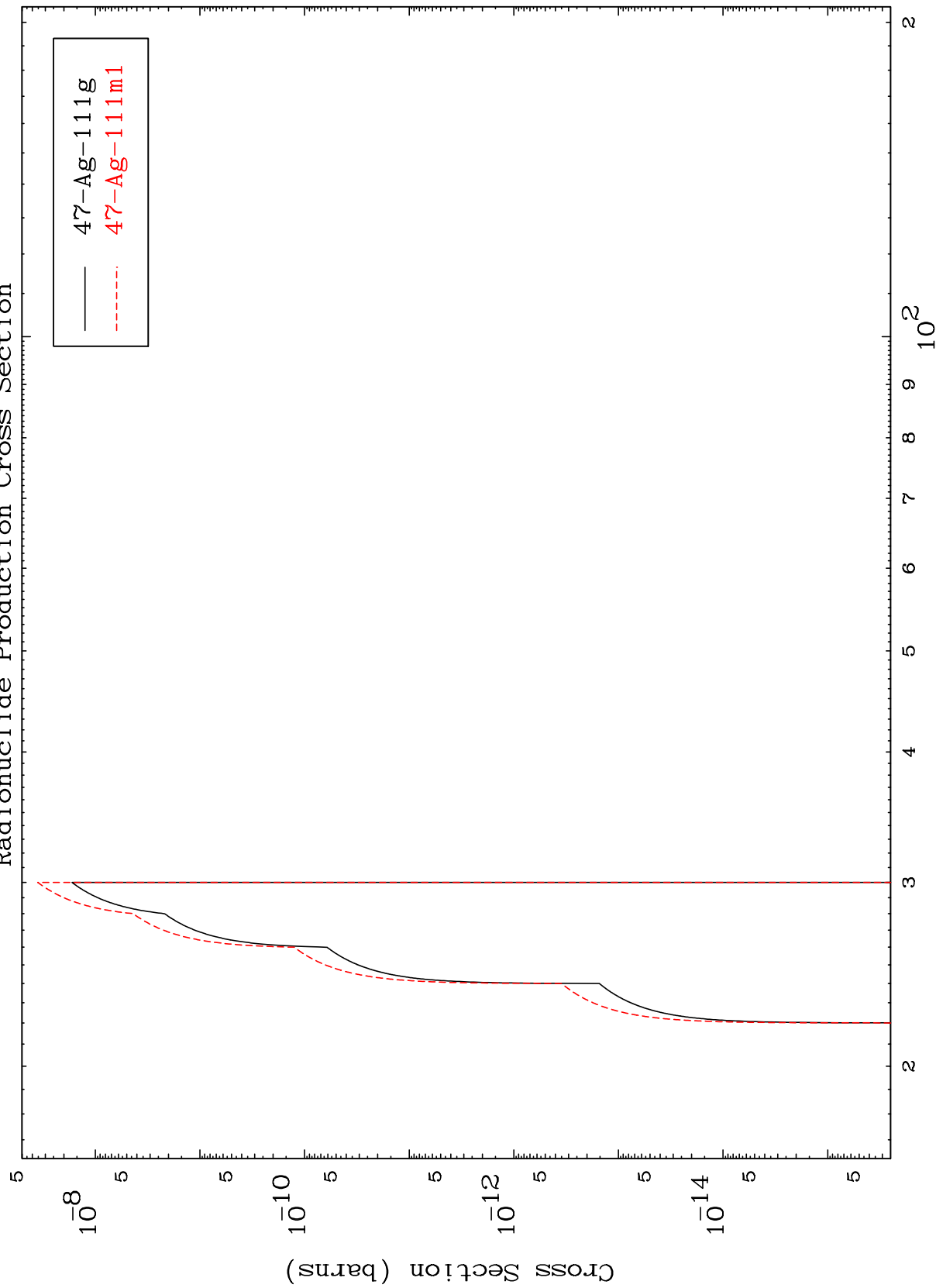


48-Cd-114

Incident Energy (MeV)

29

Radionuclide Production Cross Section



MAT 4849

(p,d)  $\alpha$

48-Cd-114

Radionuclide Production Cross Section

