

Program EVALPLOT  
(Version 2017-1)

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

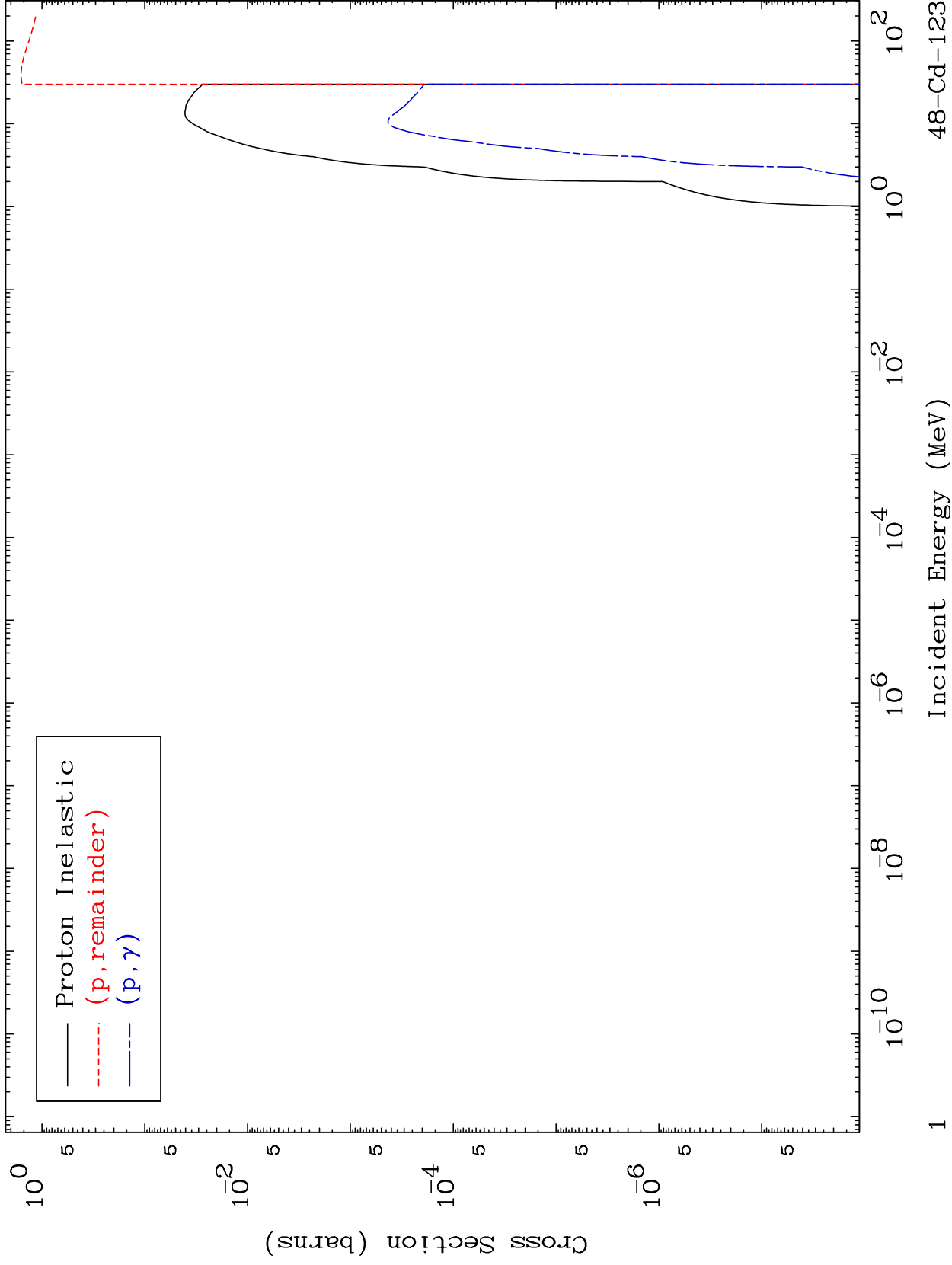
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4877

Proton Major  
0 Kelvin Cross Sections

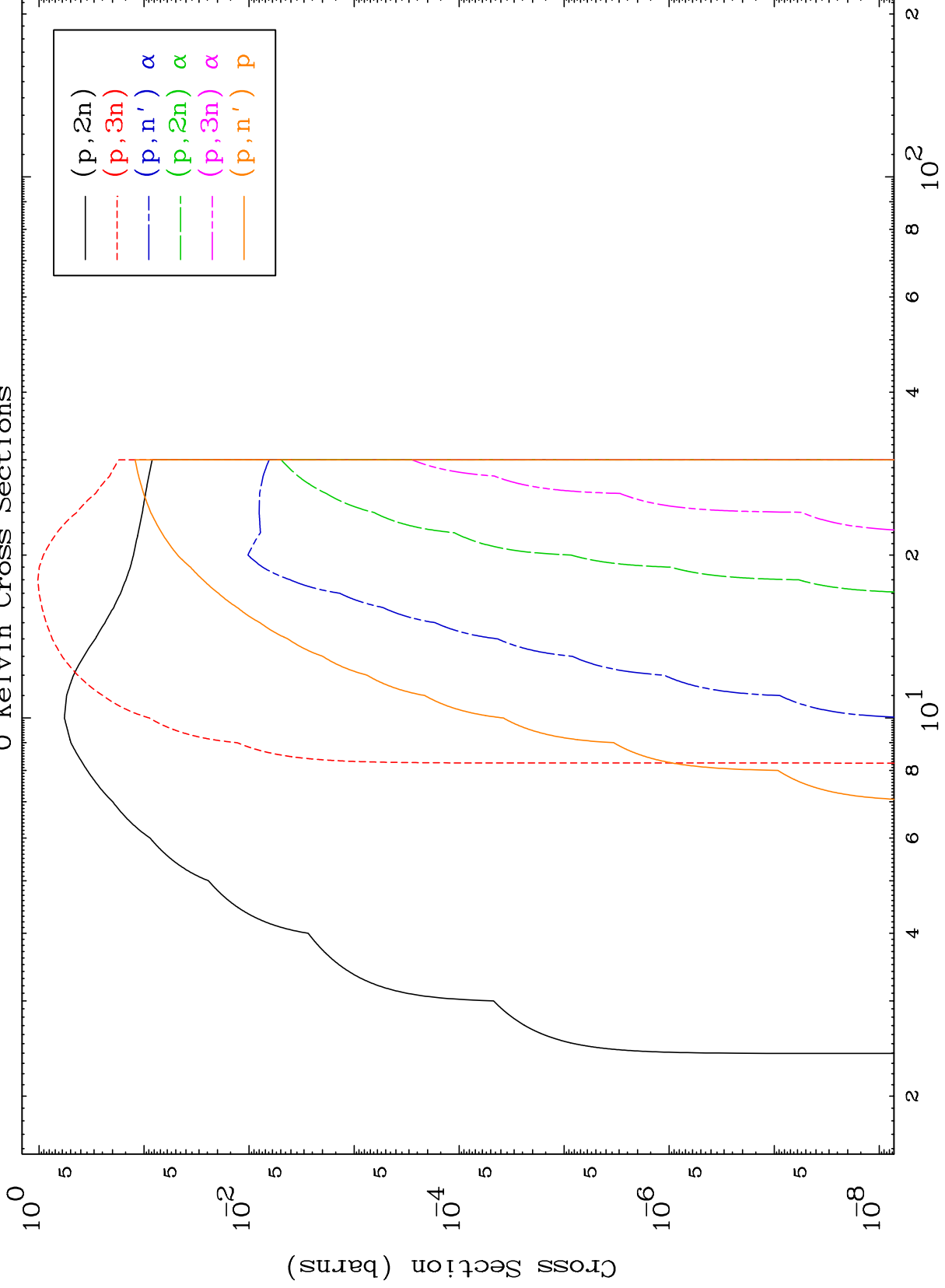
48-Cd-123



MAT 4877

Proton Neutron Production  
0 Kelvin Cross Sections

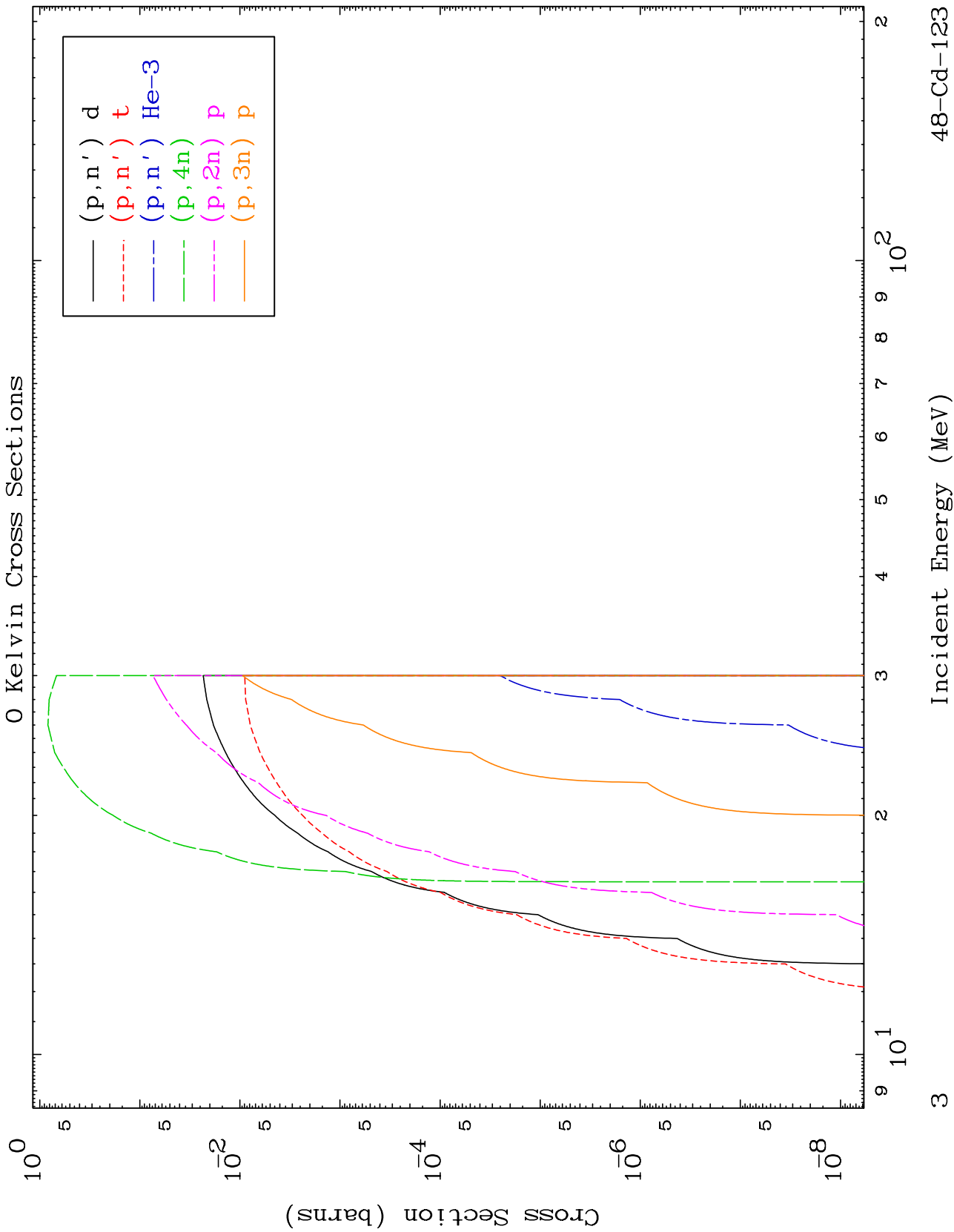
48-Cd-123

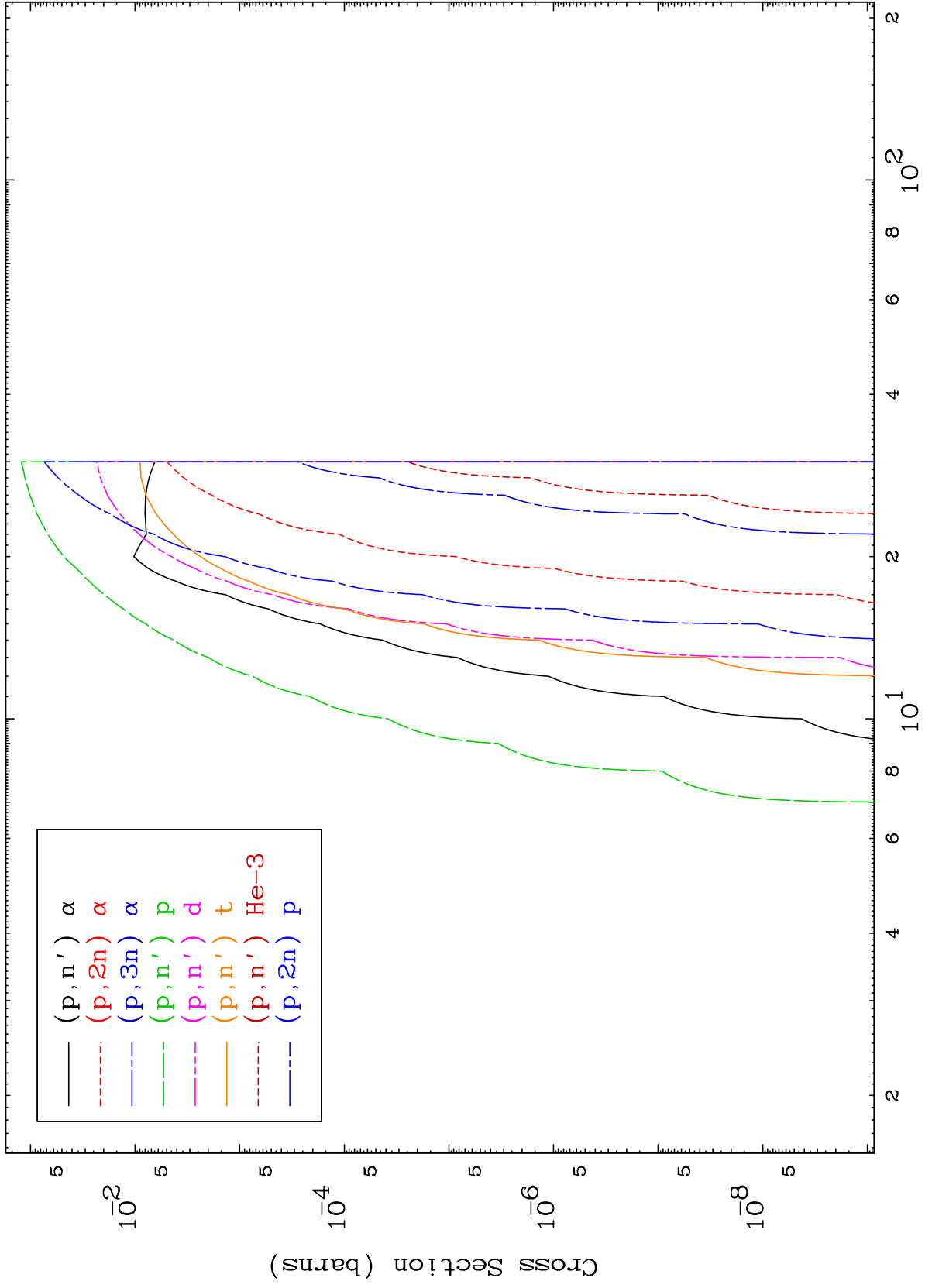


2

Incident Energy (MeV)

48-Cd-123

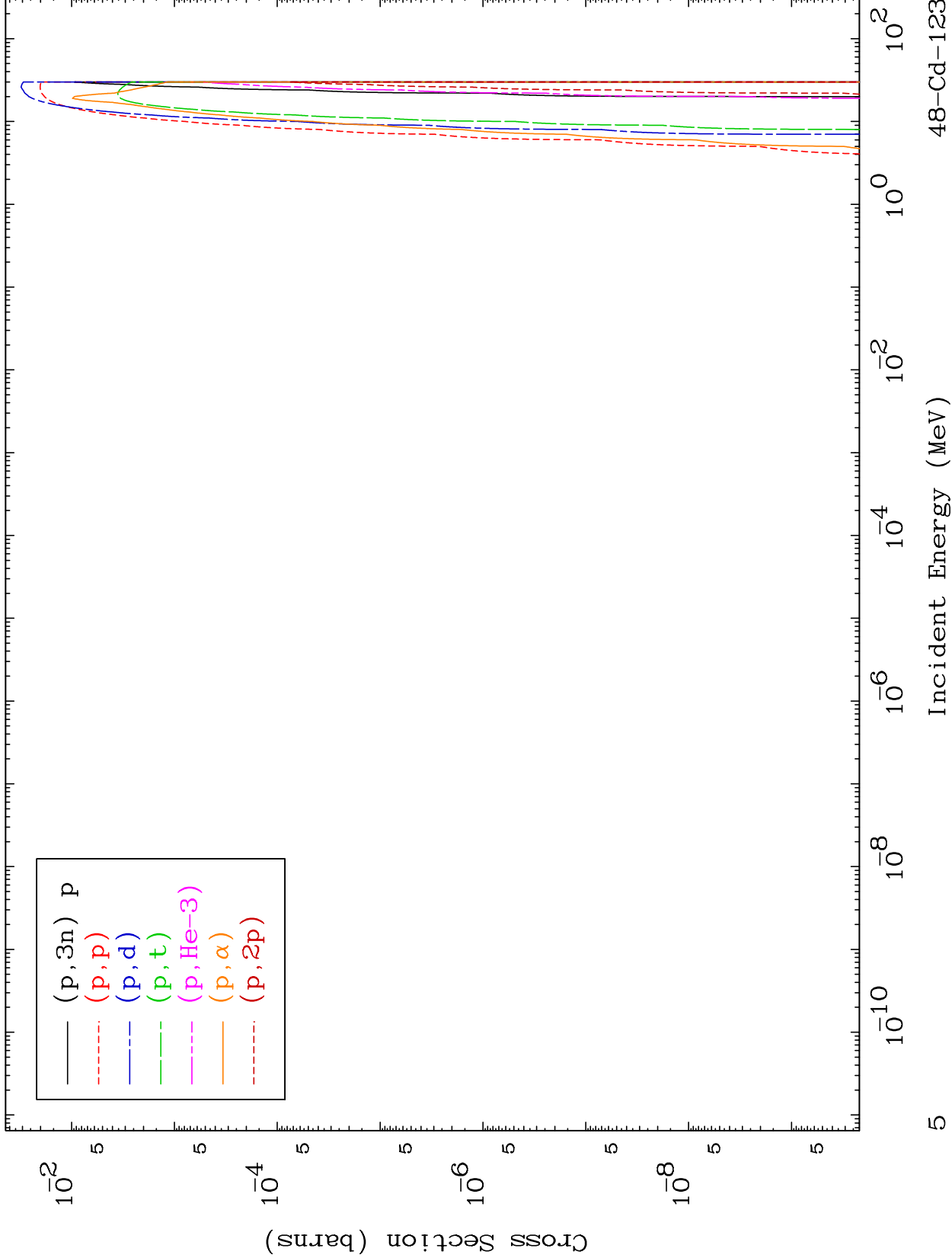




MAT 4877

Proton Charged Particle  
0 Kelvin Cross Sections

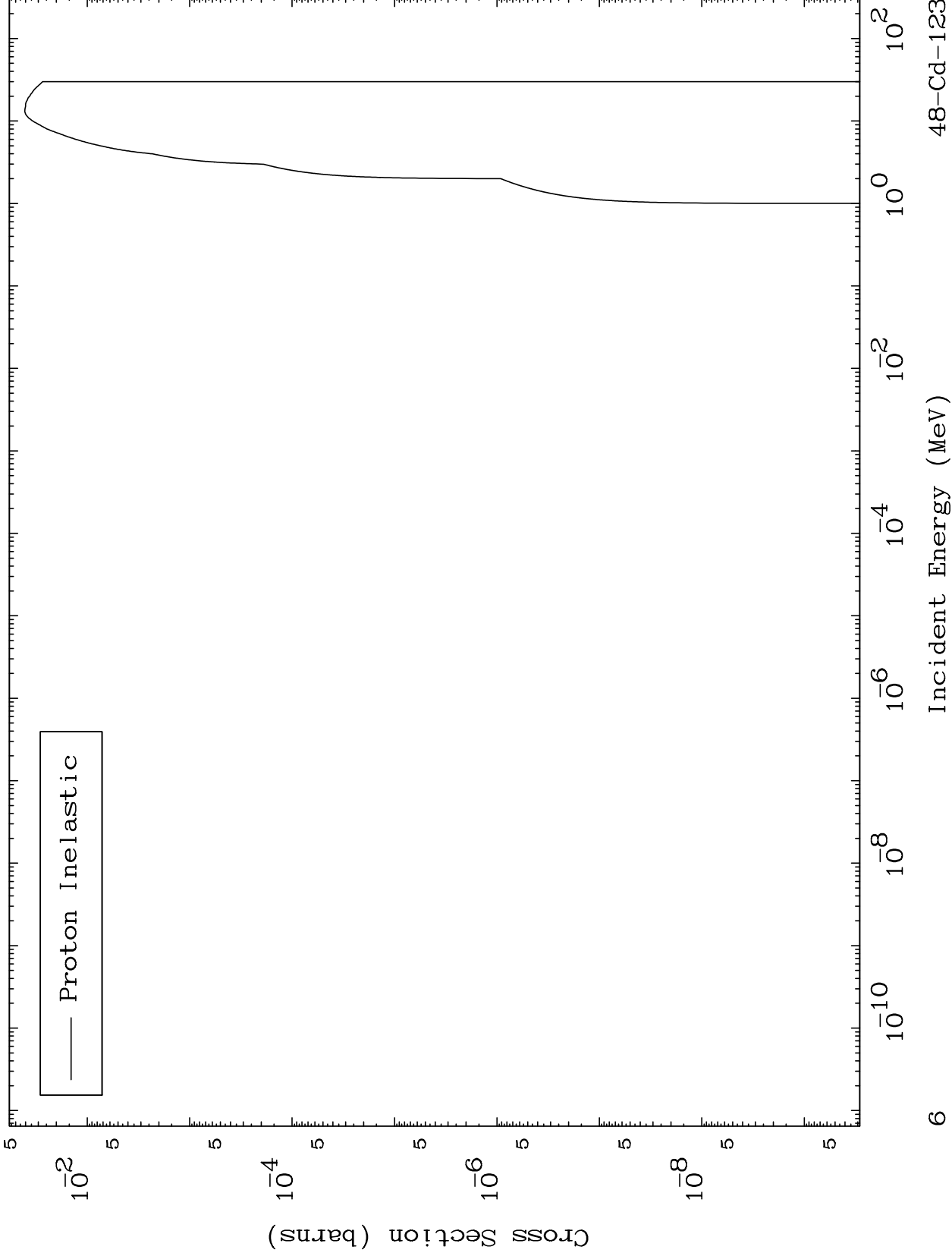
48-Cd-123



MAT 4877

(p,n') Level  
0 Kelvin Cross Sections

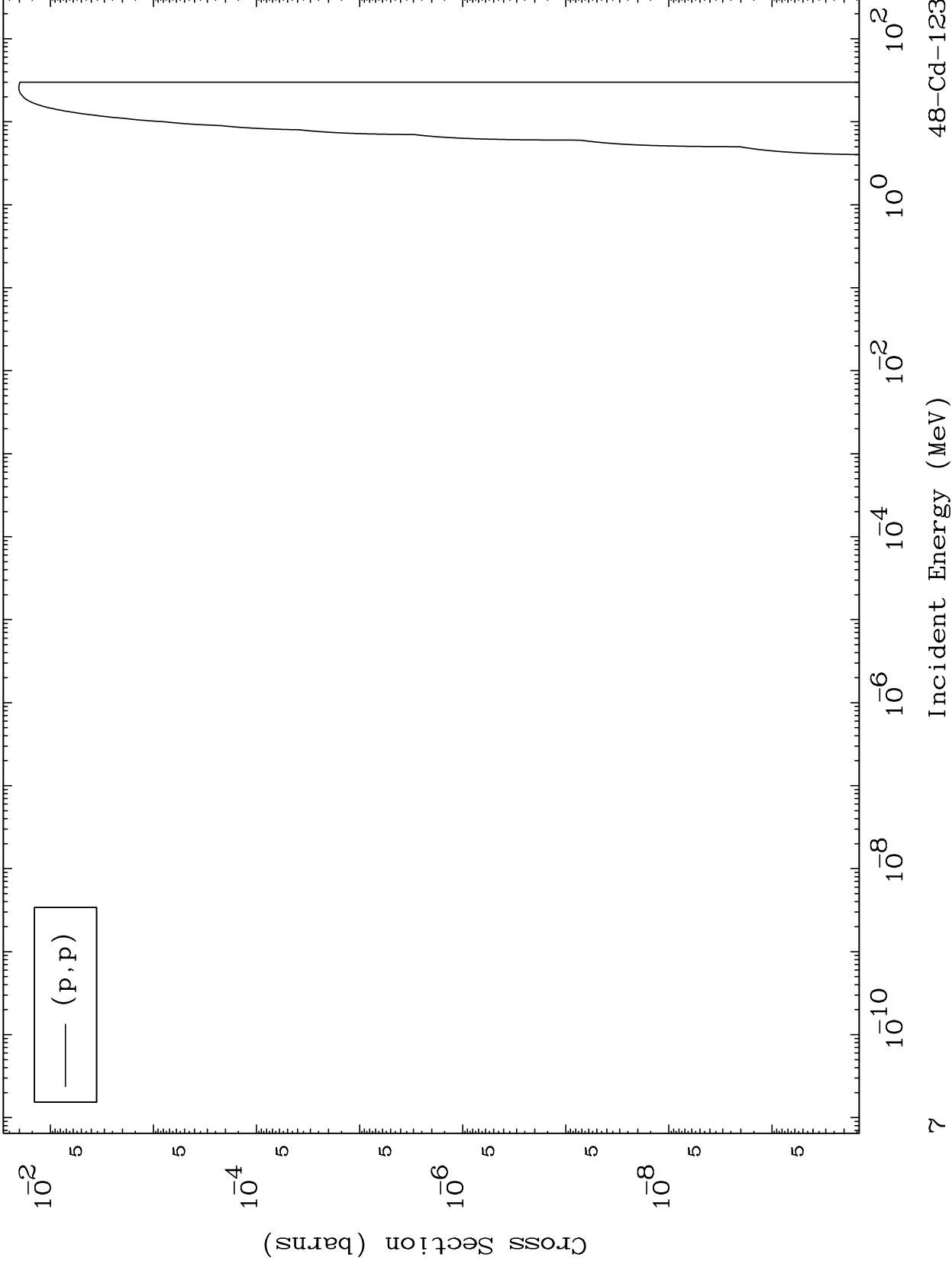
48-Cd-123



MAT 4877

(p,p) Levels  
0 Kelvin Cross Sections

48-Cd-123



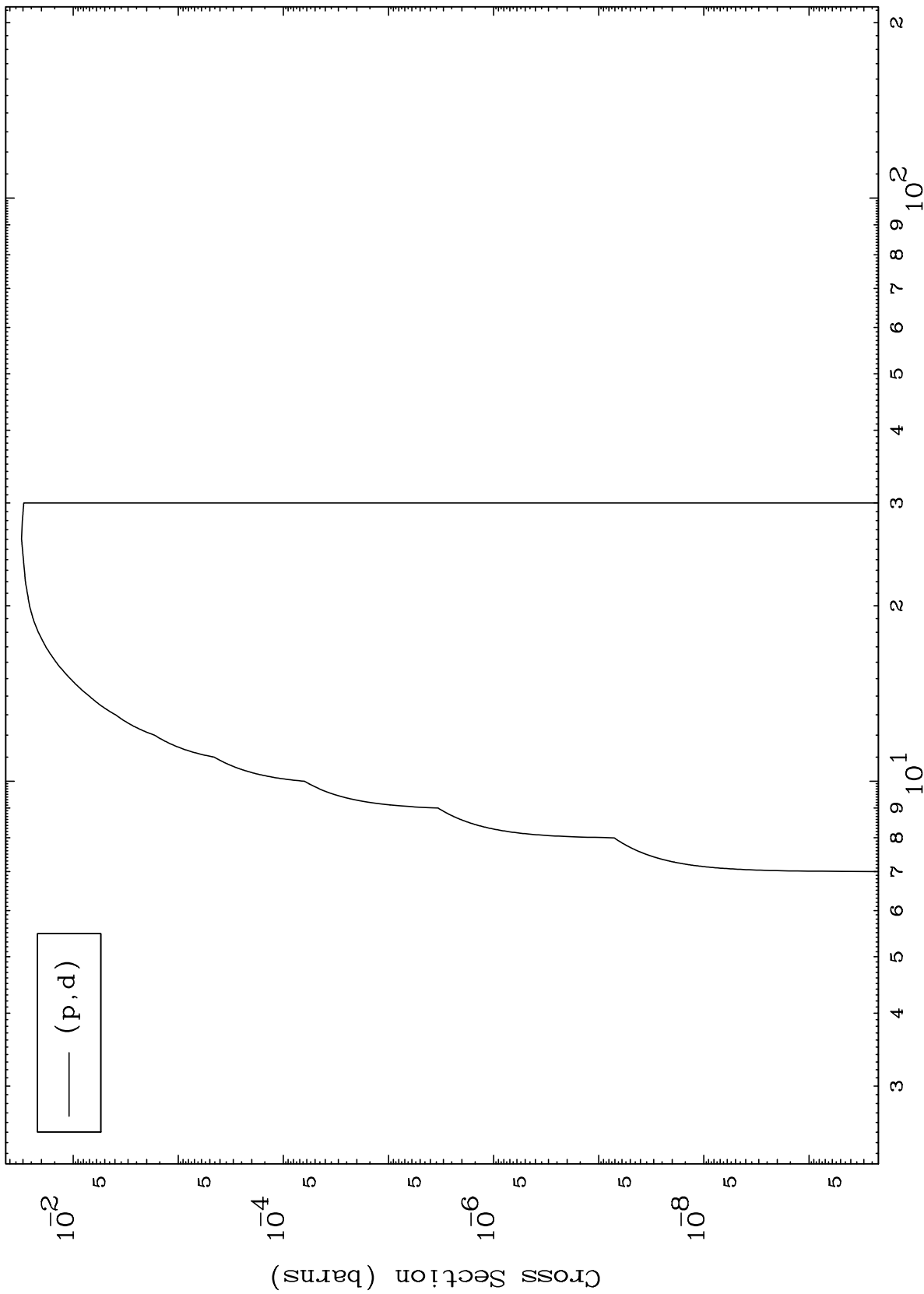


MAT 4877

(p,d) Levels

48-Cd-123

0 Kelvin Cross Sections



(p,d)

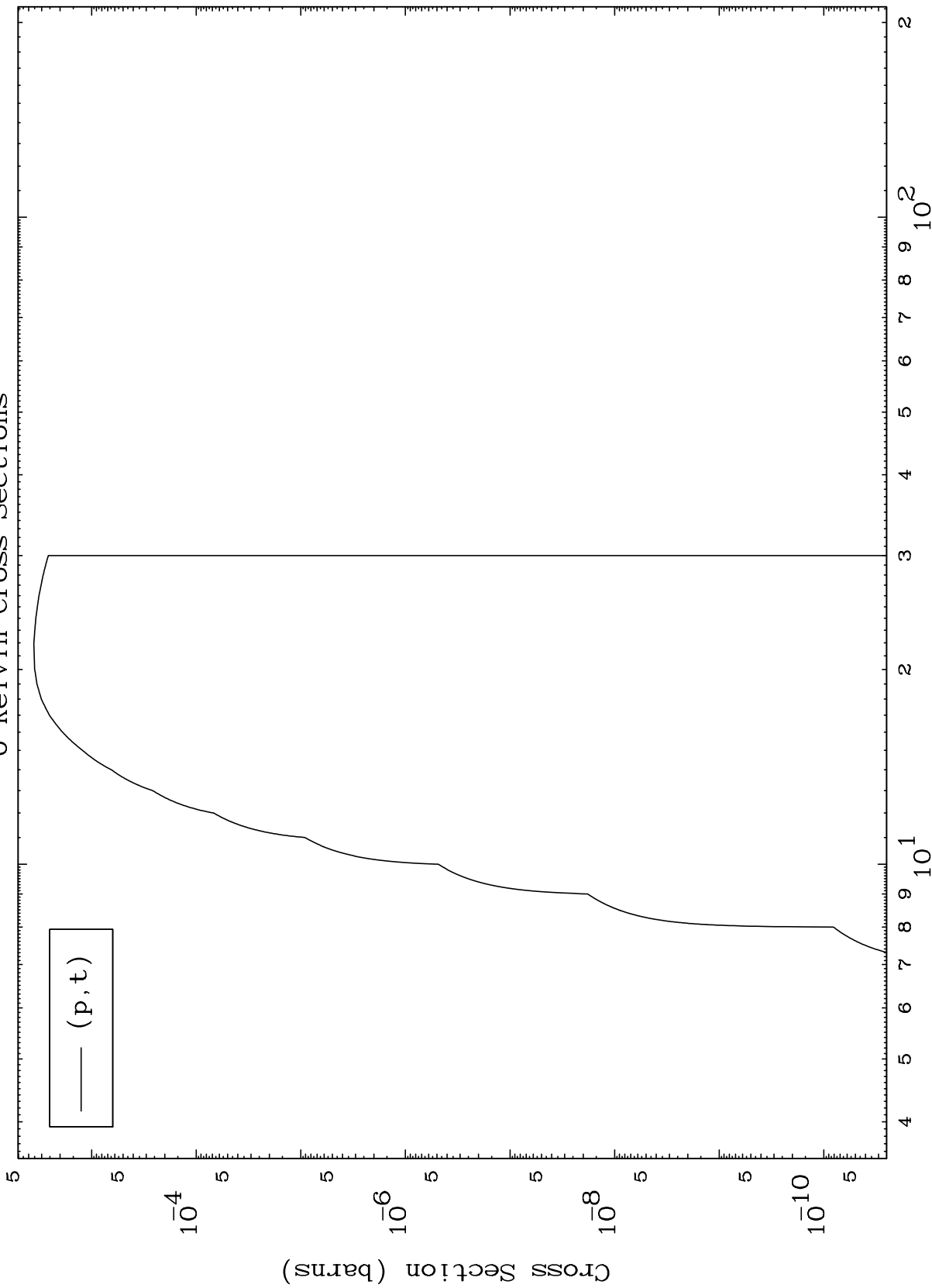
Incident Energy (MeV)

48-Cd-123

MAT 4877

48-Cd-123

(p,t) Levels  
0 Kelvin Cross Sections



9

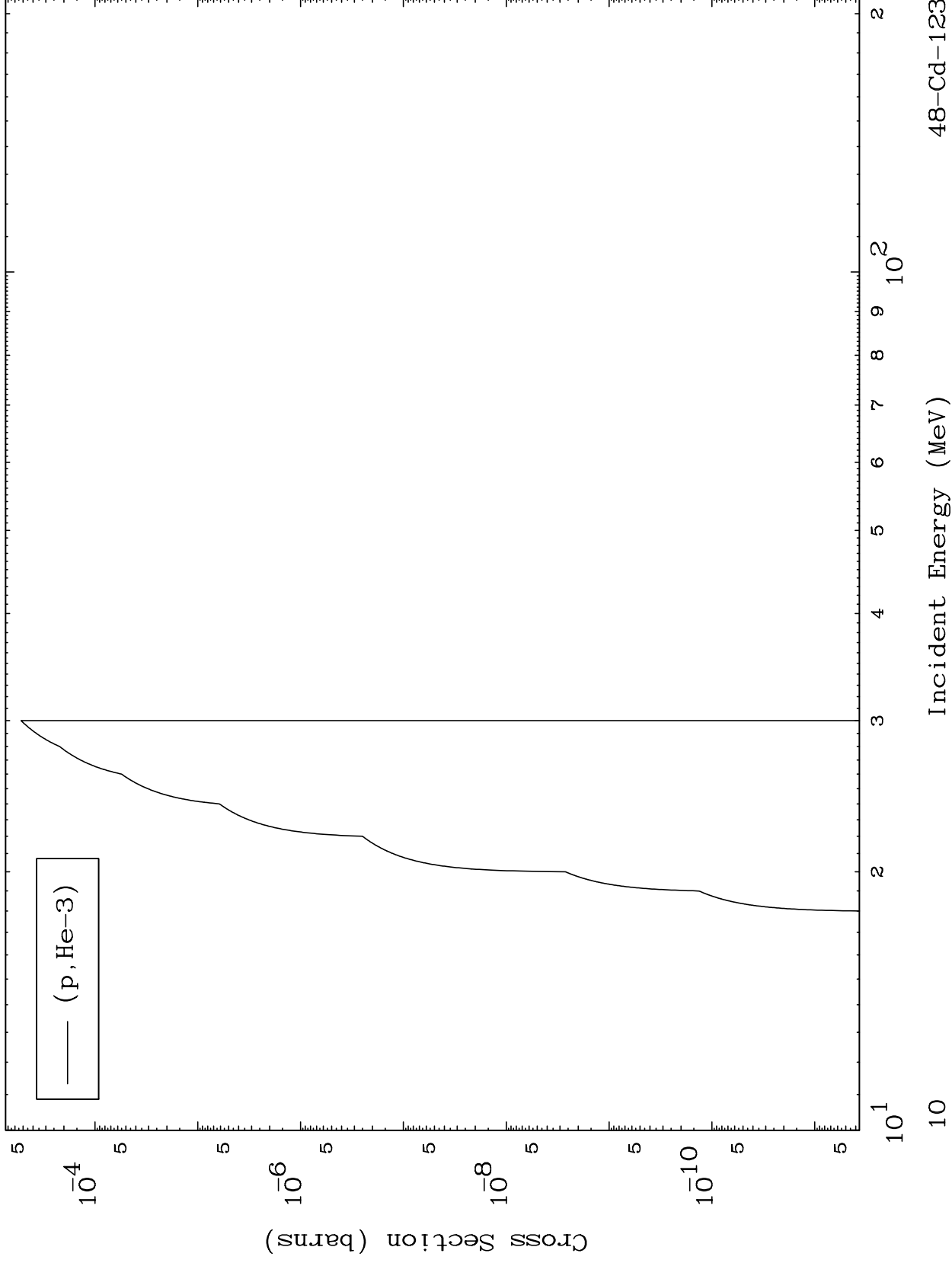
Incident Energy (MeV)

48-Cd-123

MAT 4877

(p,He3) Levels  
0 Kelvin Cross Sections

48-Cd-123

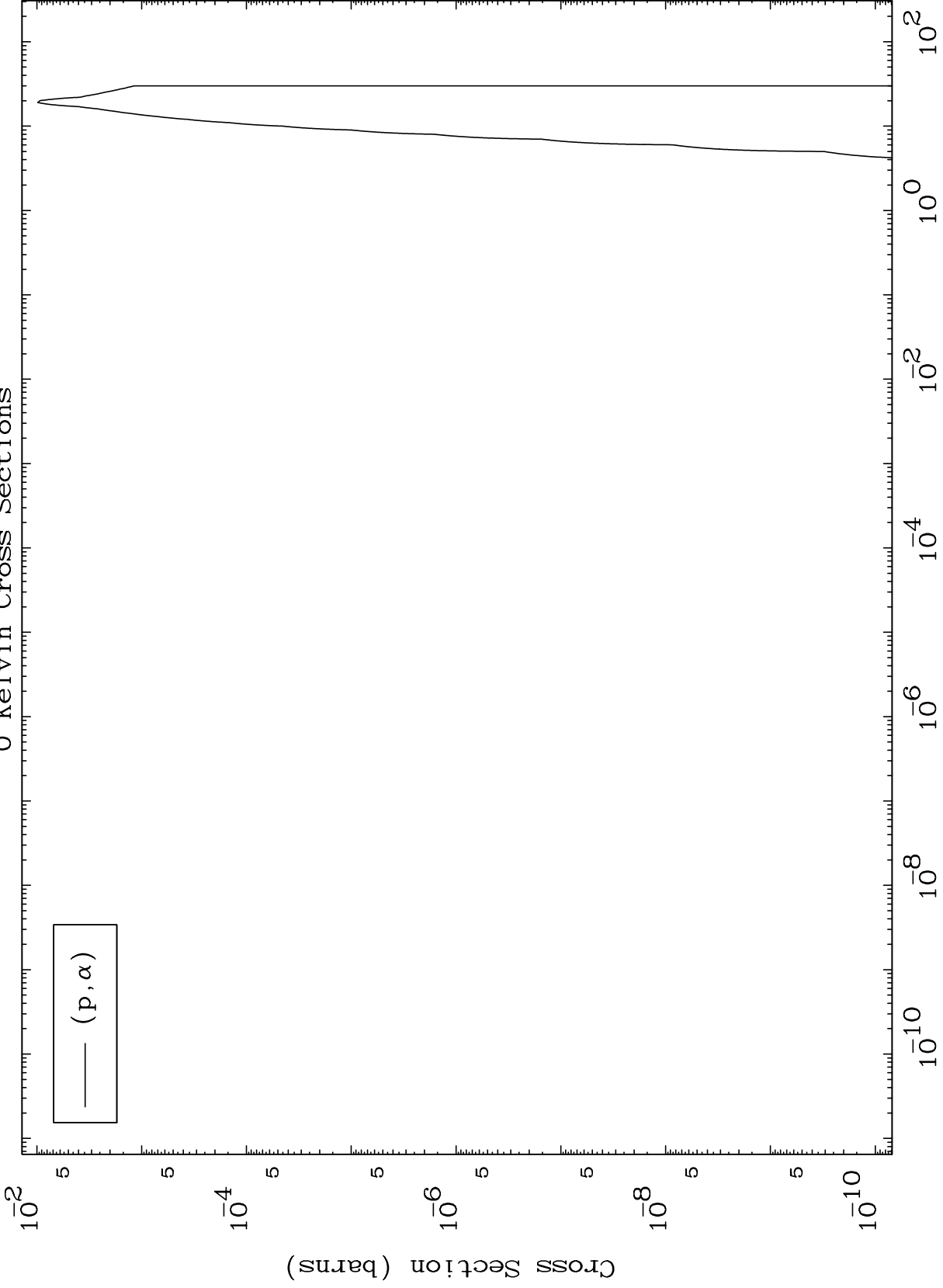


48-Cd-123

MAT 4877

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

48-Cd-123

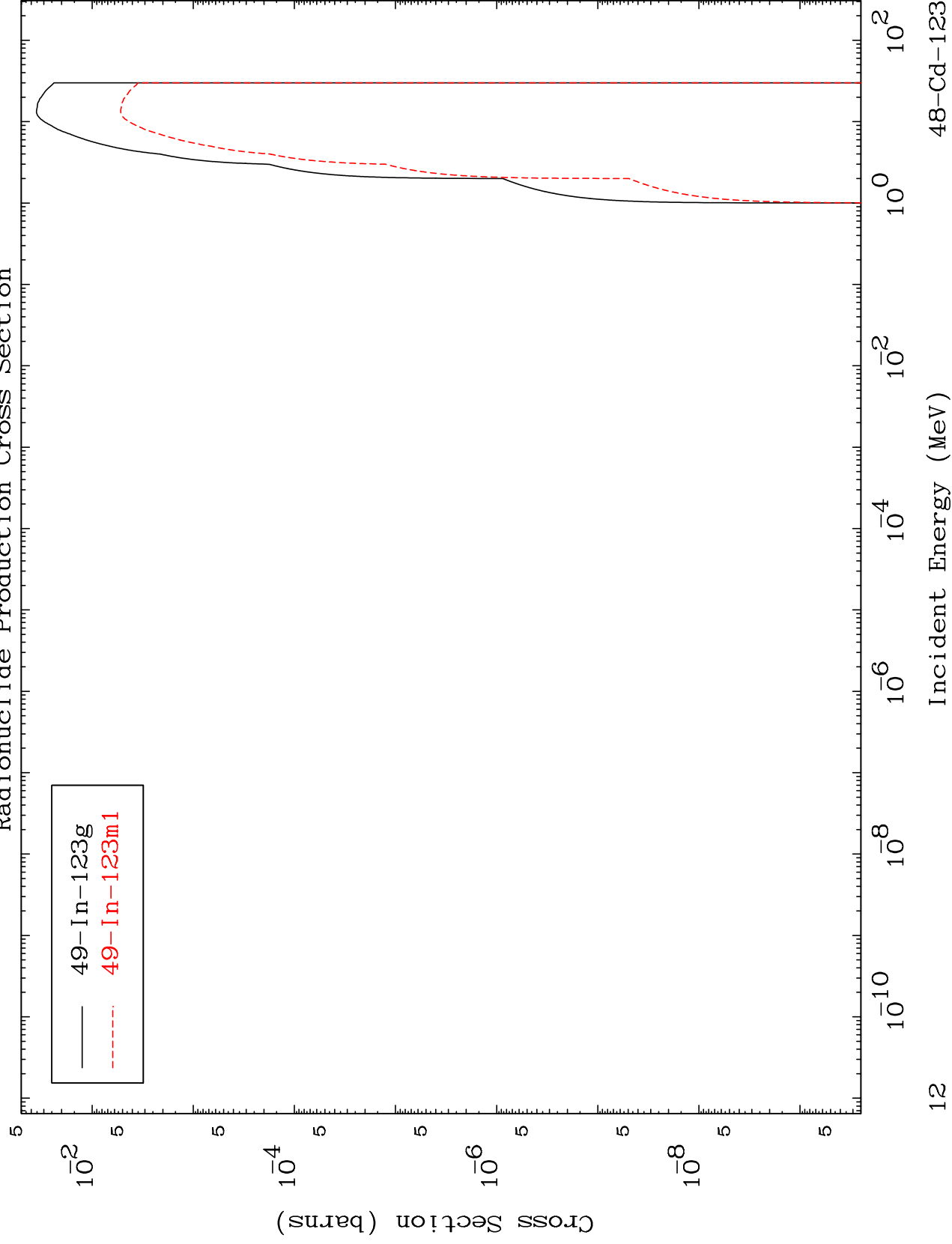


MAT 4877

Proton Inelastic

48-Cd-123

Radionuclide Production Cross Section



12

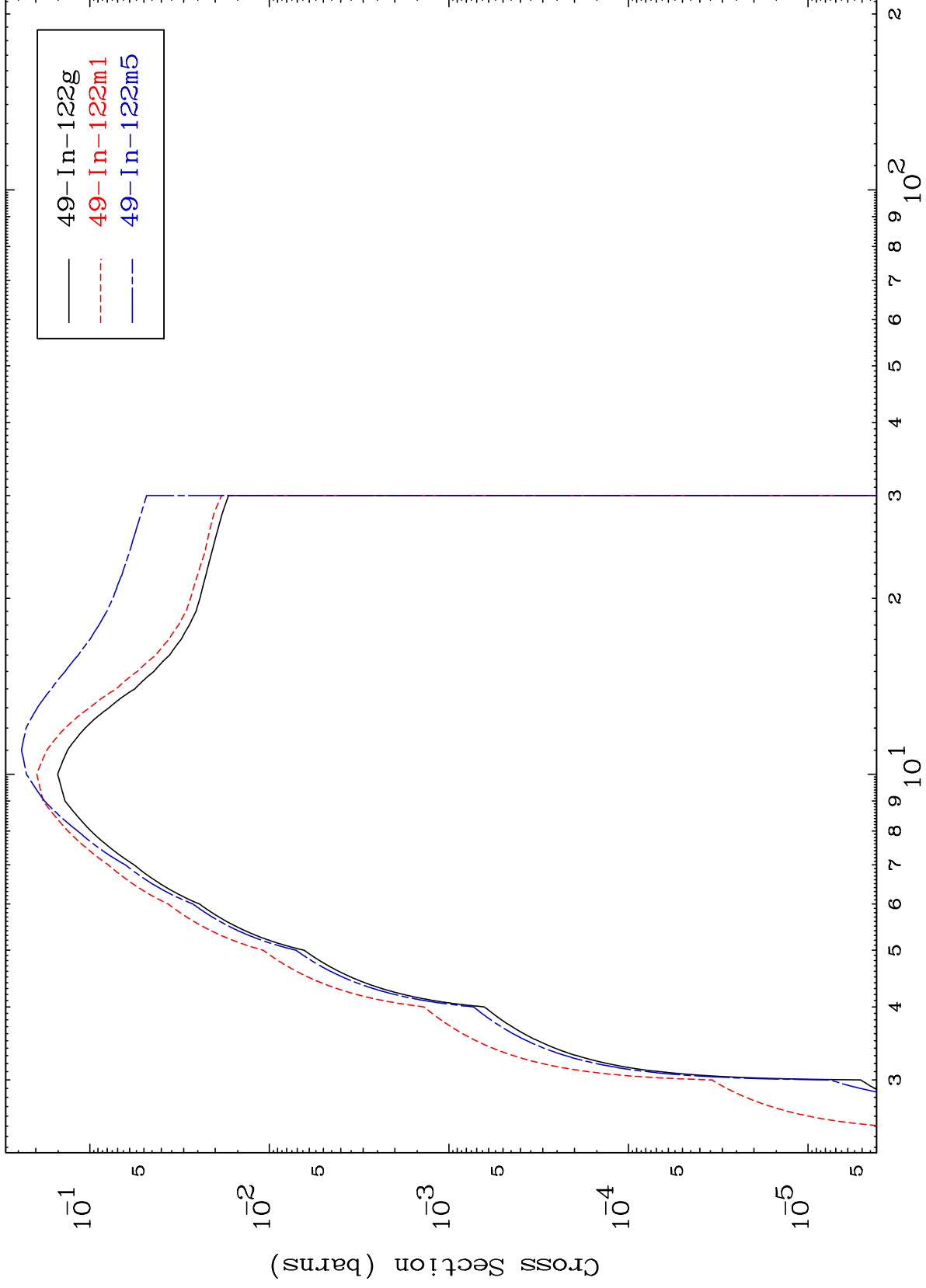
Incident Energy (MeV)

48-Cd-123

MAT 4877

48-Cd-123

Radionuclide Production Cross Section  
(p,2n)



13

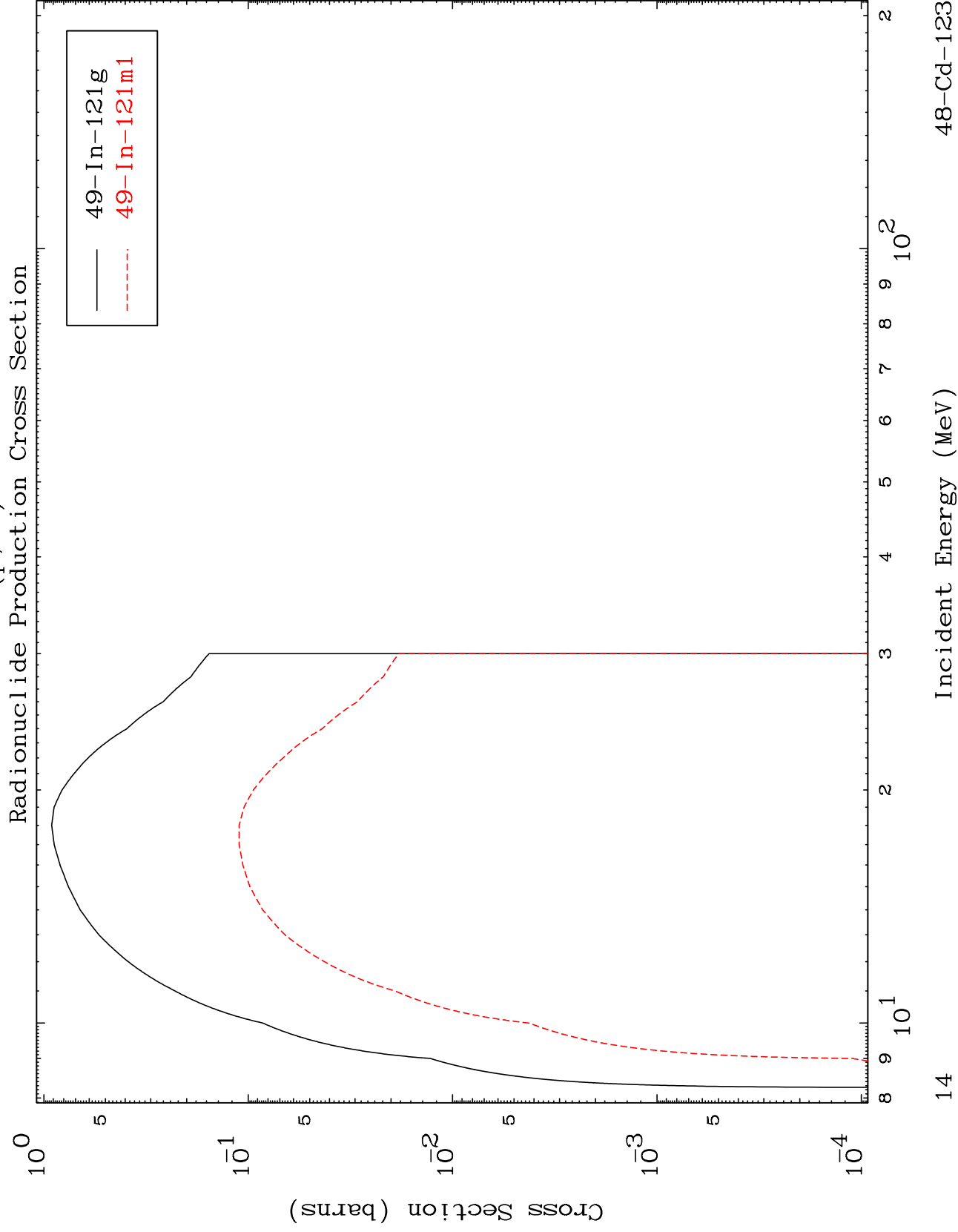
Incident Energy (MeV)

48-Cd-123

MAT 4877

(p,3n)

48-Cd-123

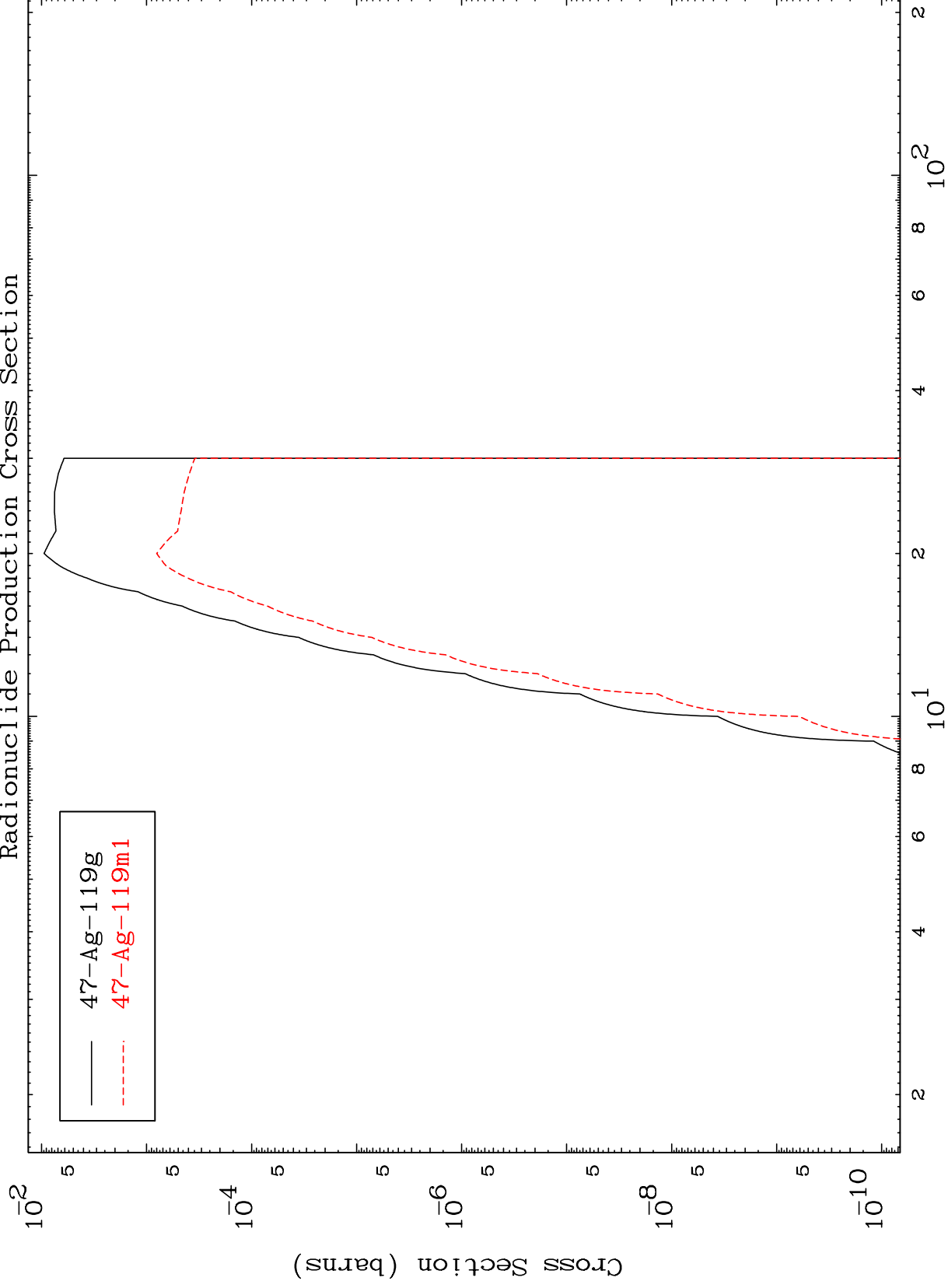


MAT 4877

(p,n')  $\alpha$

48-Cd-123

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-123

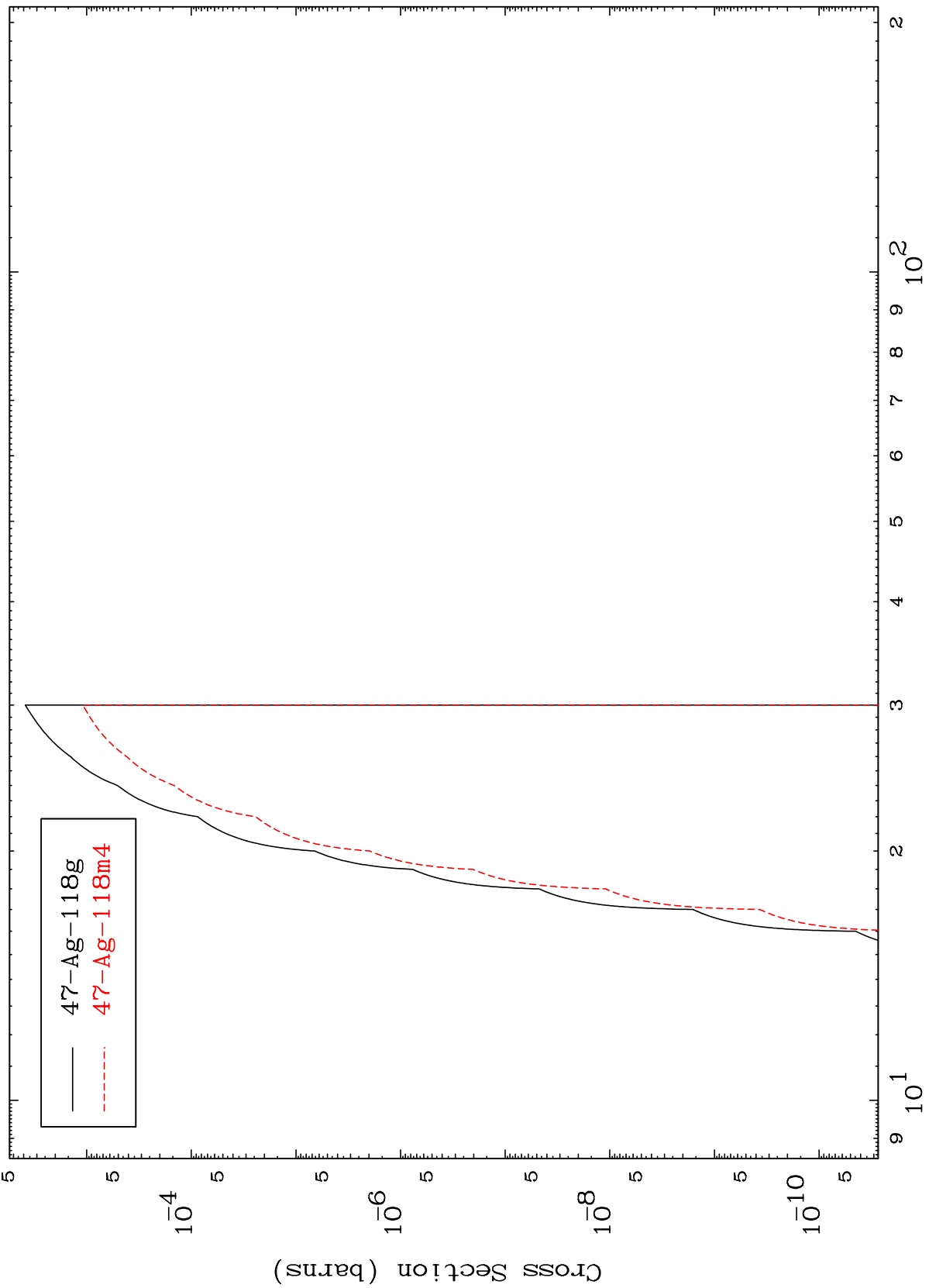


MAT 4877

(p,2n)  $\alpha$

48-Cd-123

Radionuclide Production Cross Section



— 47-Ag-118g  
- - - 47-Ag-118m4

16

Incident Energy (MeV)

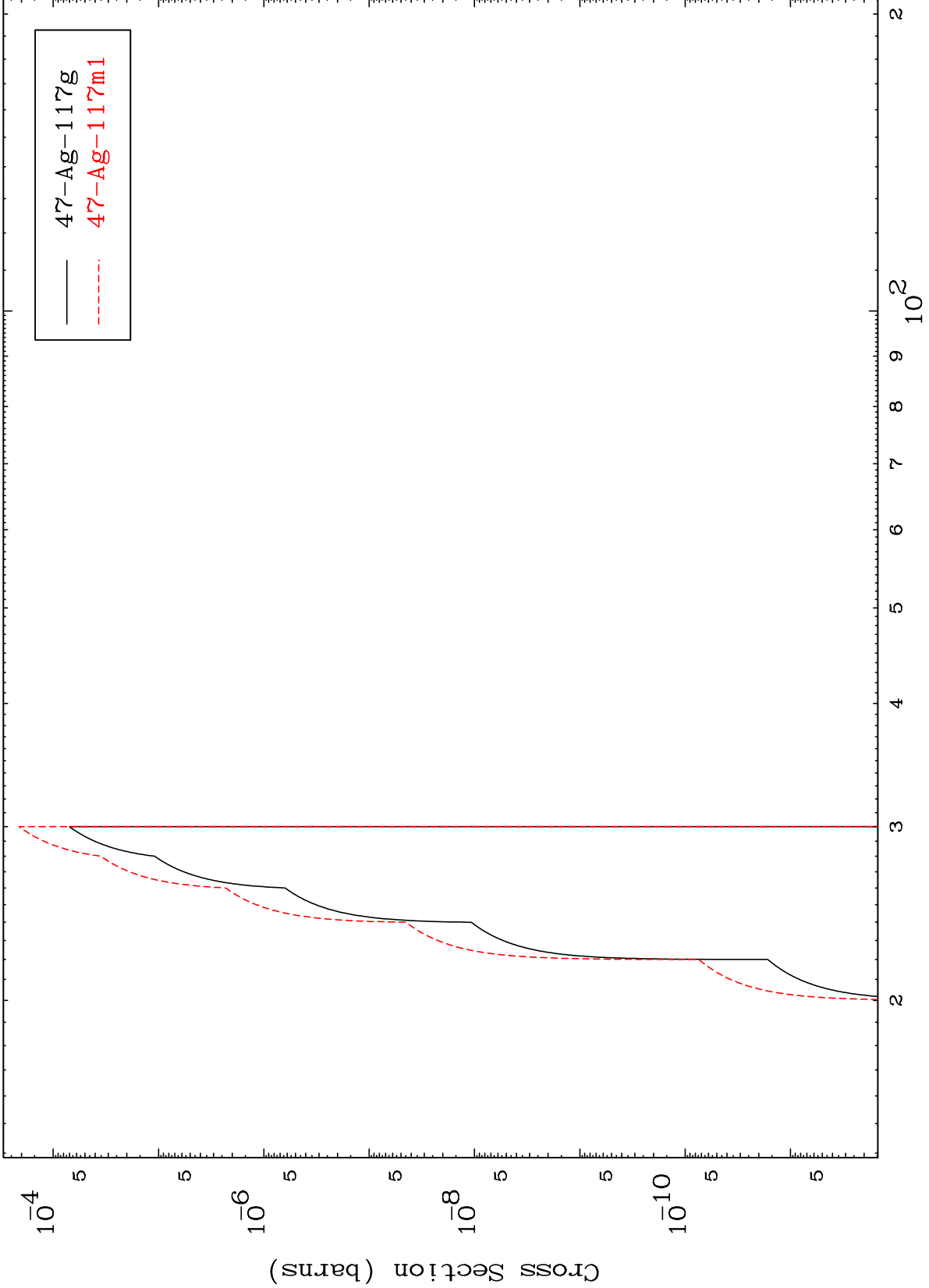
48-Cd-123

MAT 4877

(p,3n)  $\alpha$

48-Cd-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

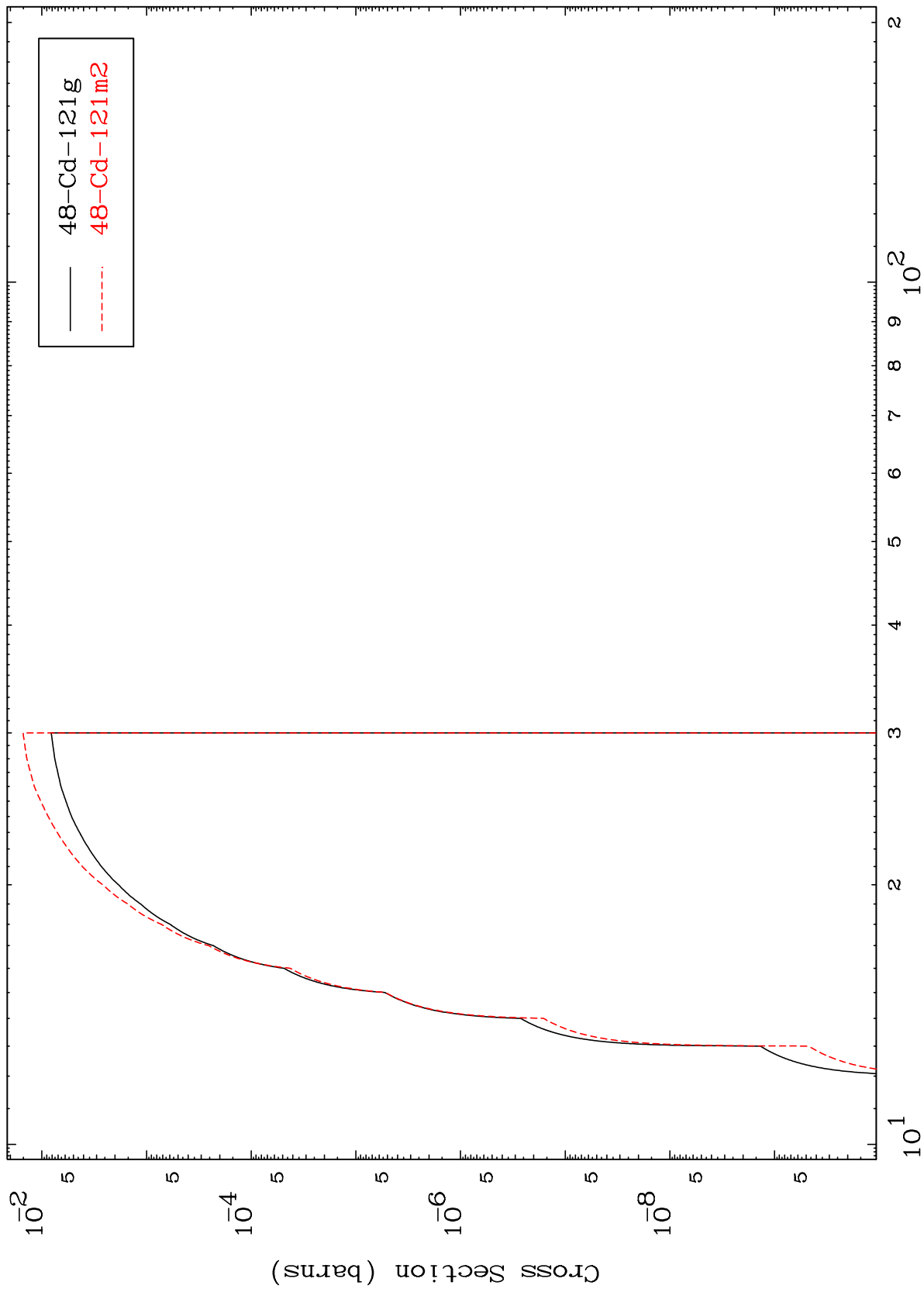
48-Cd-123

MAT 48777

(p,n') d

48-Cd-123

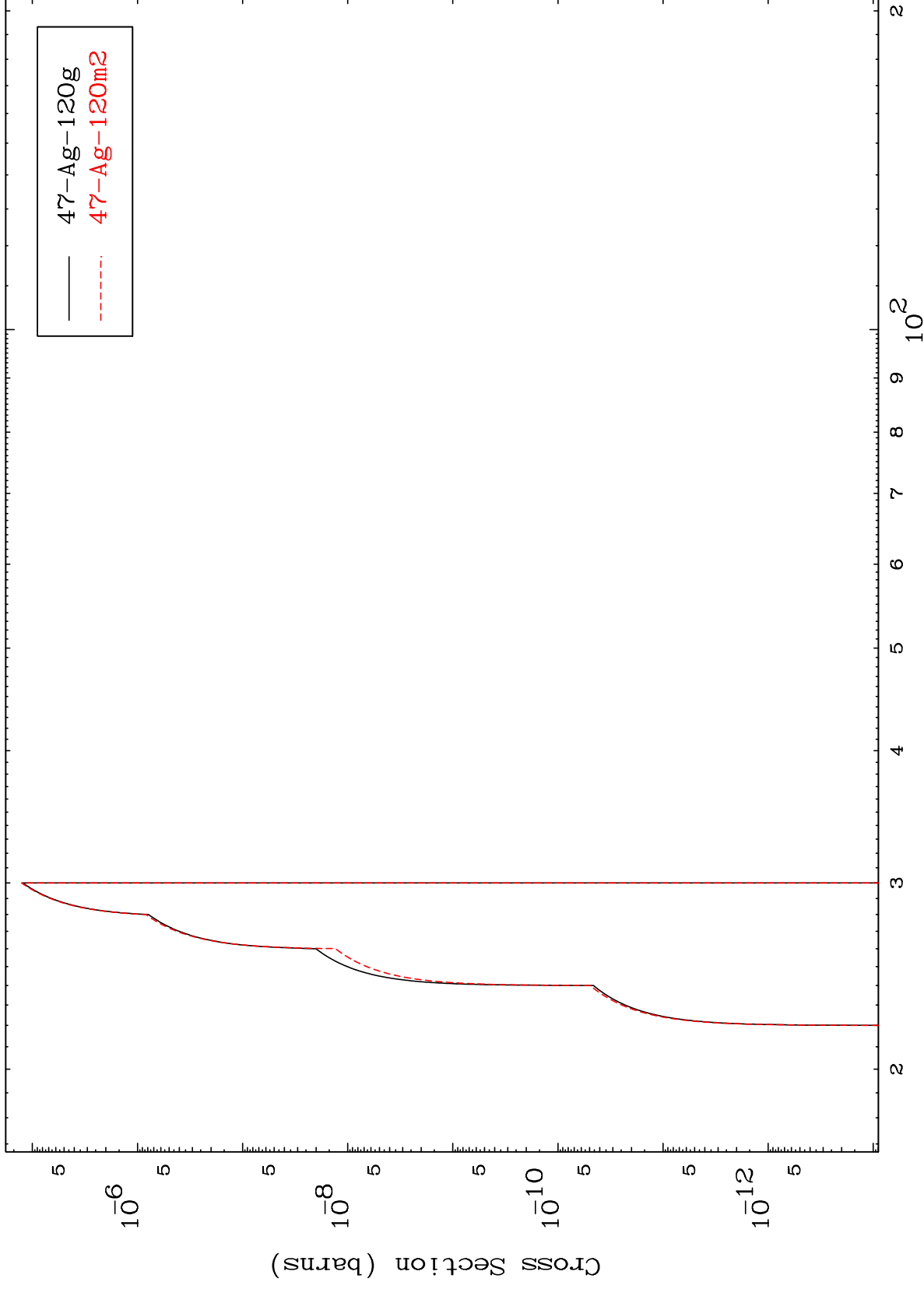
Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-123

Radionuclide Production Cross Section

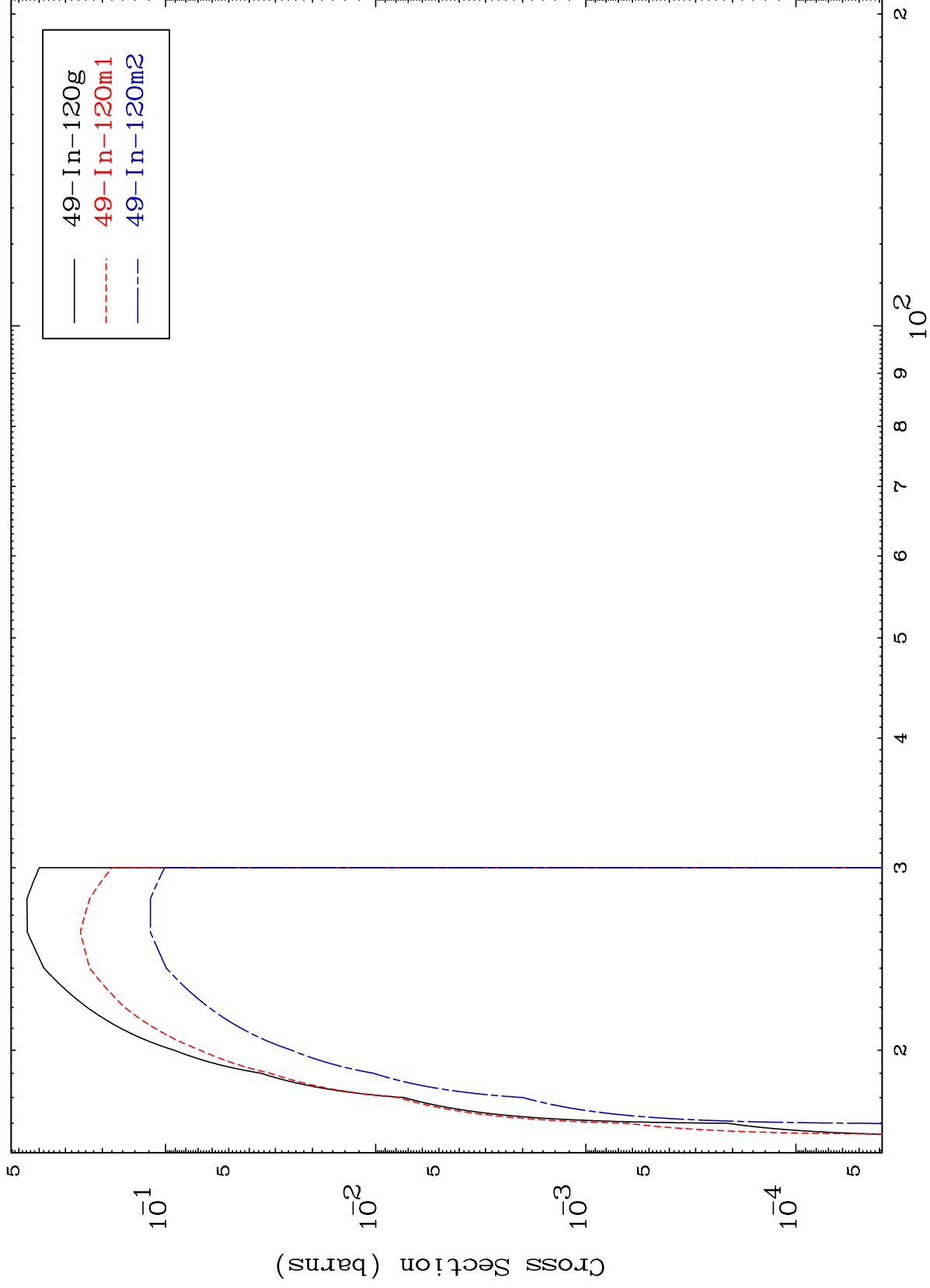


MAT 48777

(p,4n)

48-Cd-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

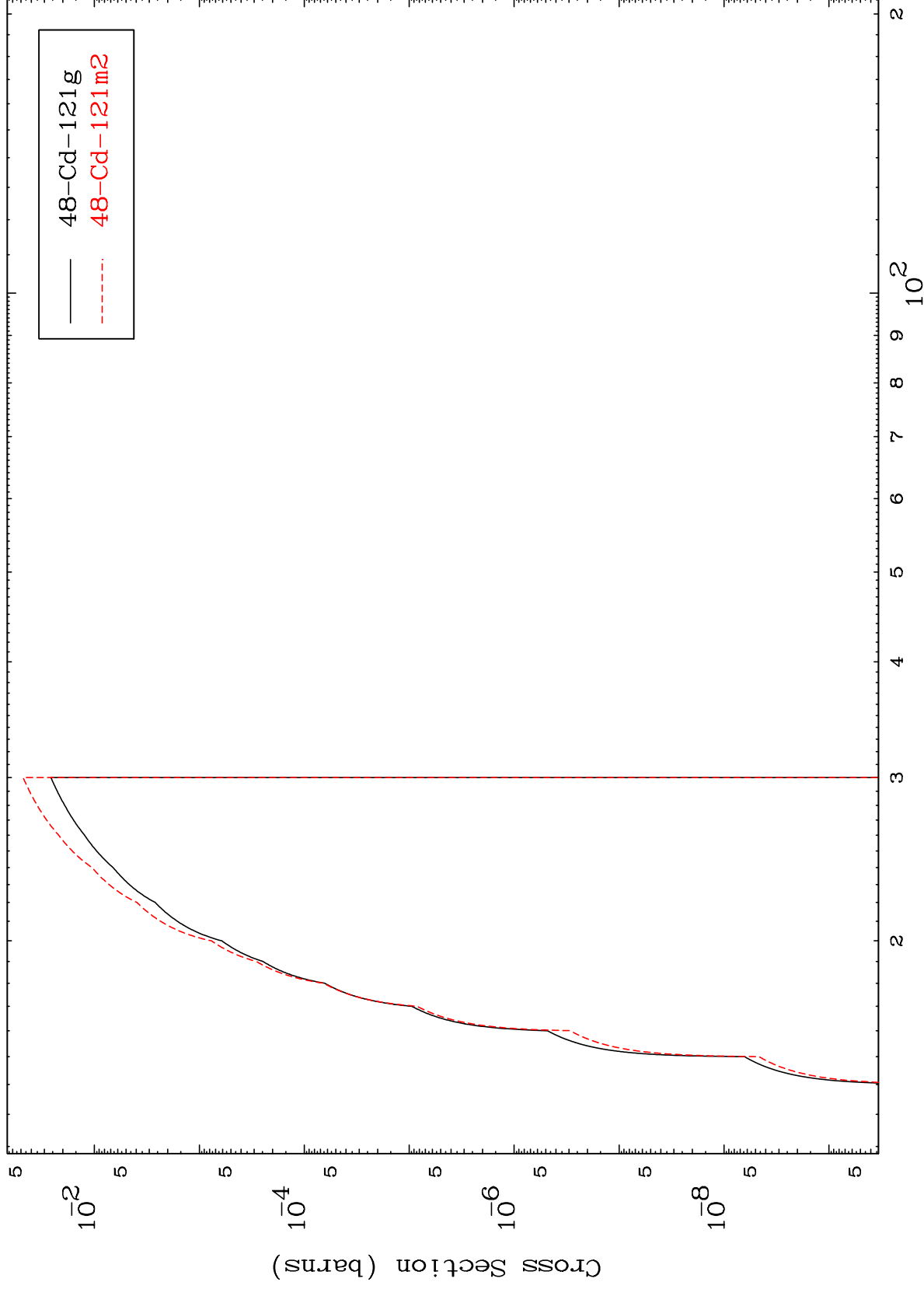
48-Cd-123

MAT 4877

(p,2n) p

48-Cd-123

Radionuclide Production Cross Section



21

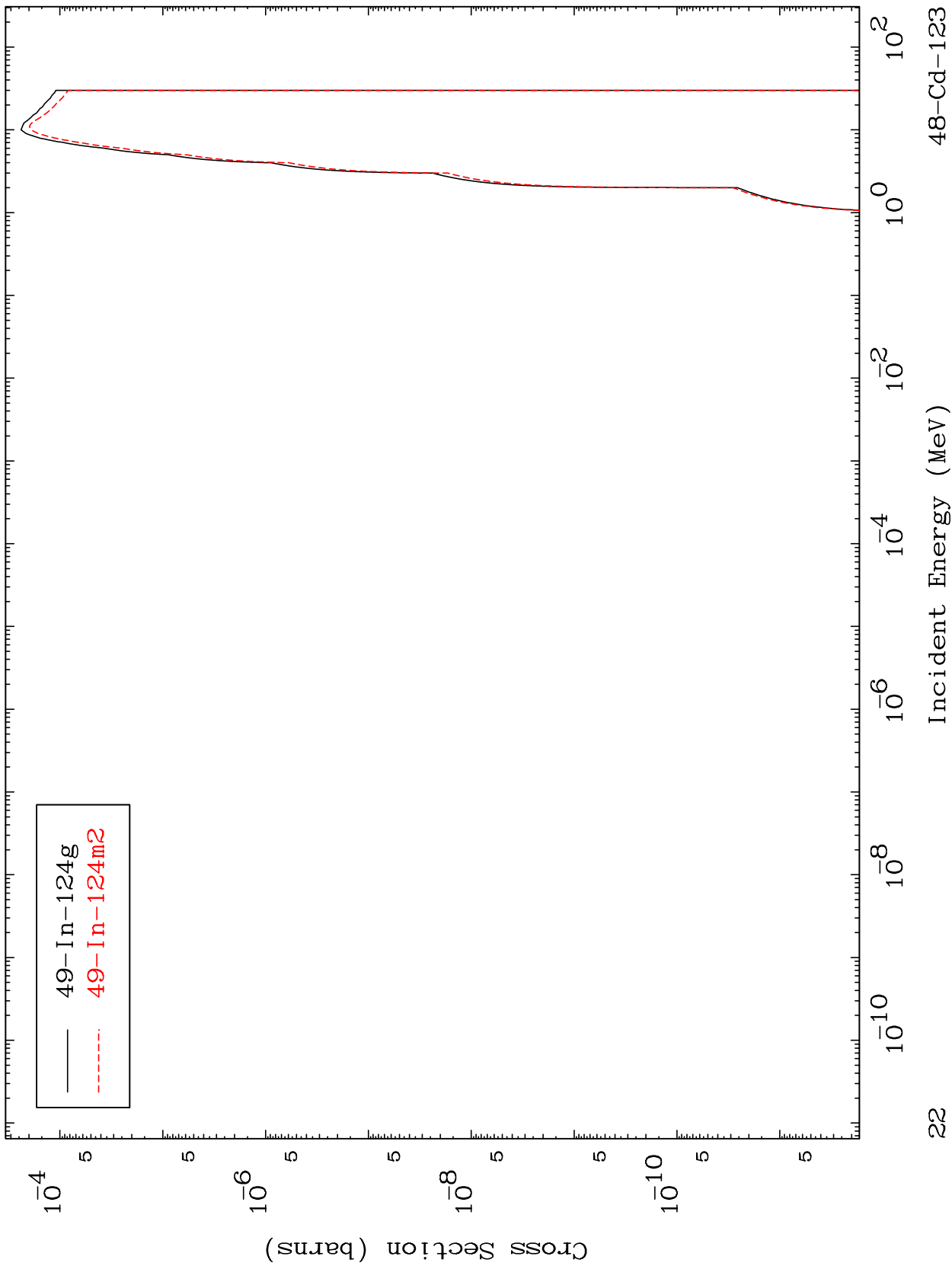
Incident Energy (MeV)

48-Cd-123

MAT 4877

48-Cd-123

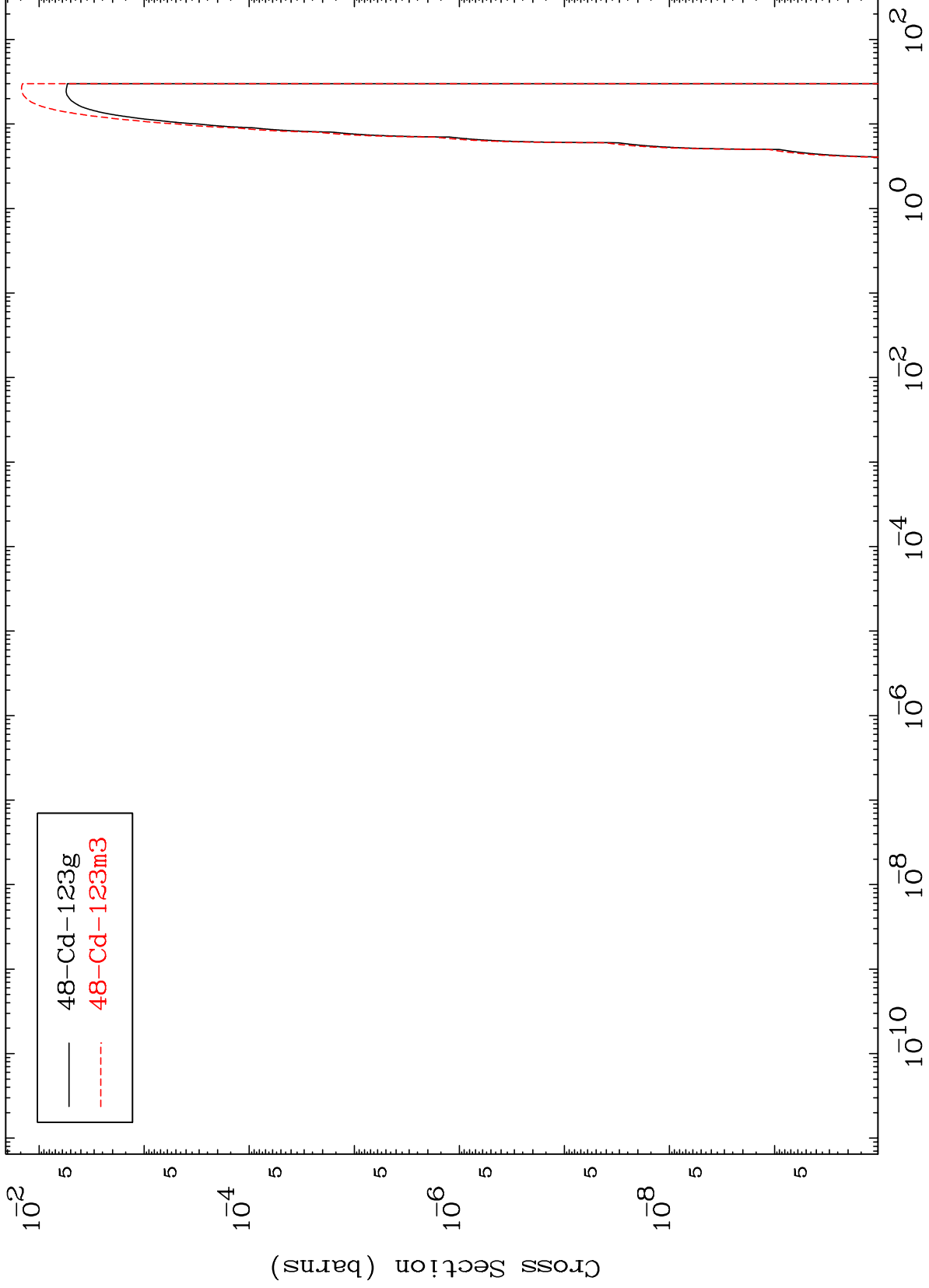
(p,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 4877

(p,p)  
Radionuclide Production Cross Section

48-Cd-123



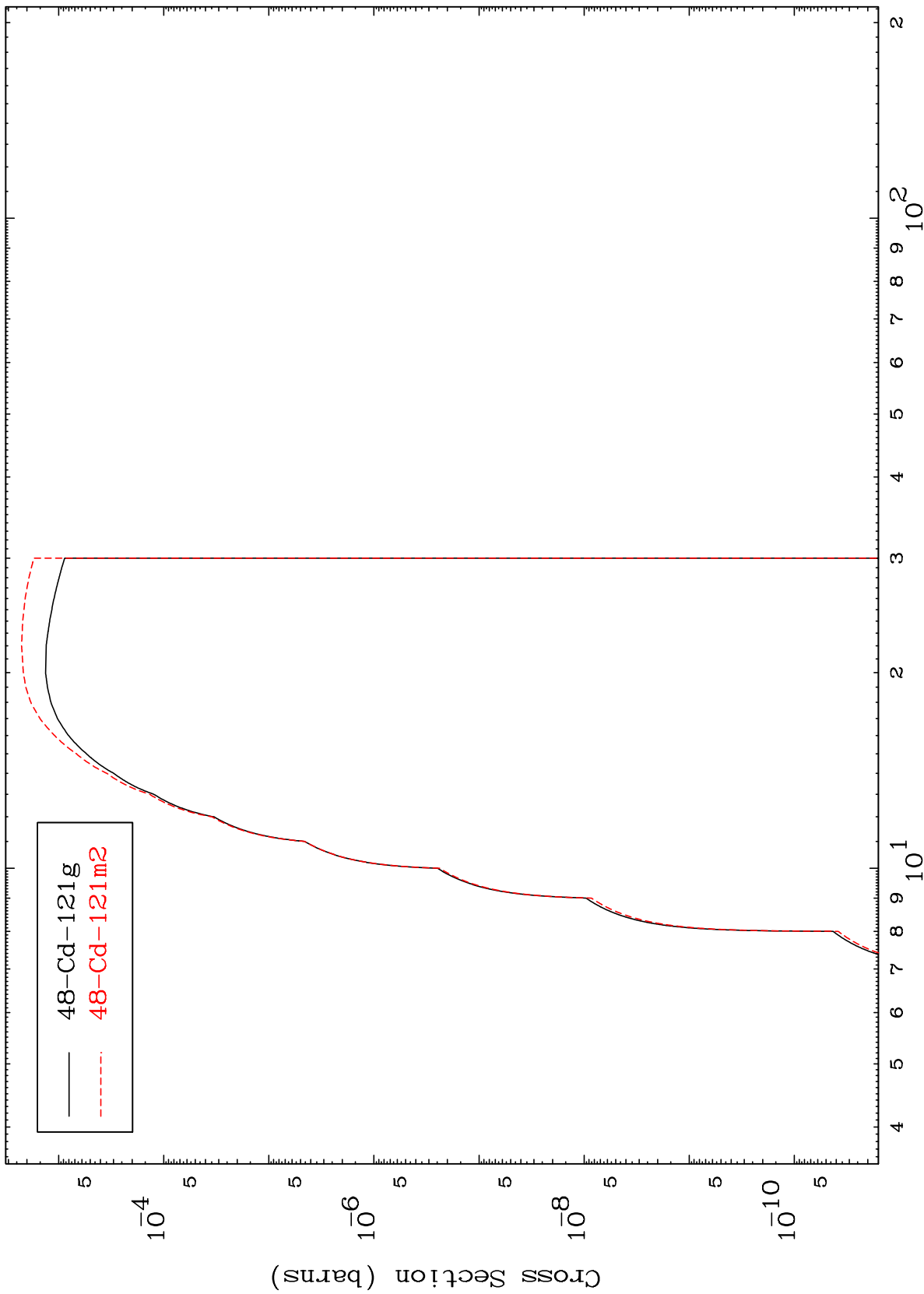
— 48-Cd-123g  
- - - 48-Cd-123m3



MAT 4877

48-Cd-123

Radionuclide Production Cross Section (p, t)



24

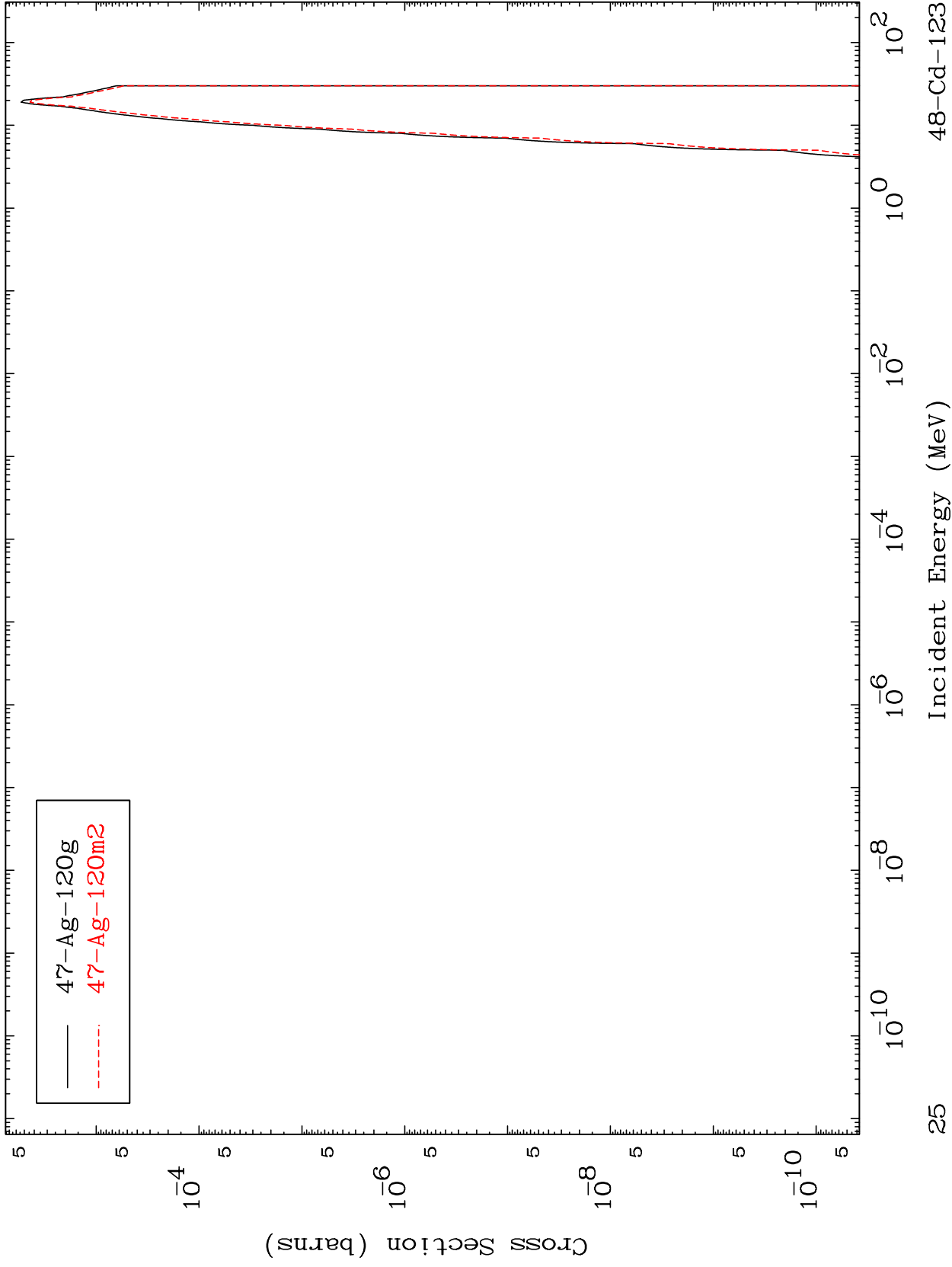
Incident Energy (MeV)

48-Cd-123

MAT 4877

48-Cd-123

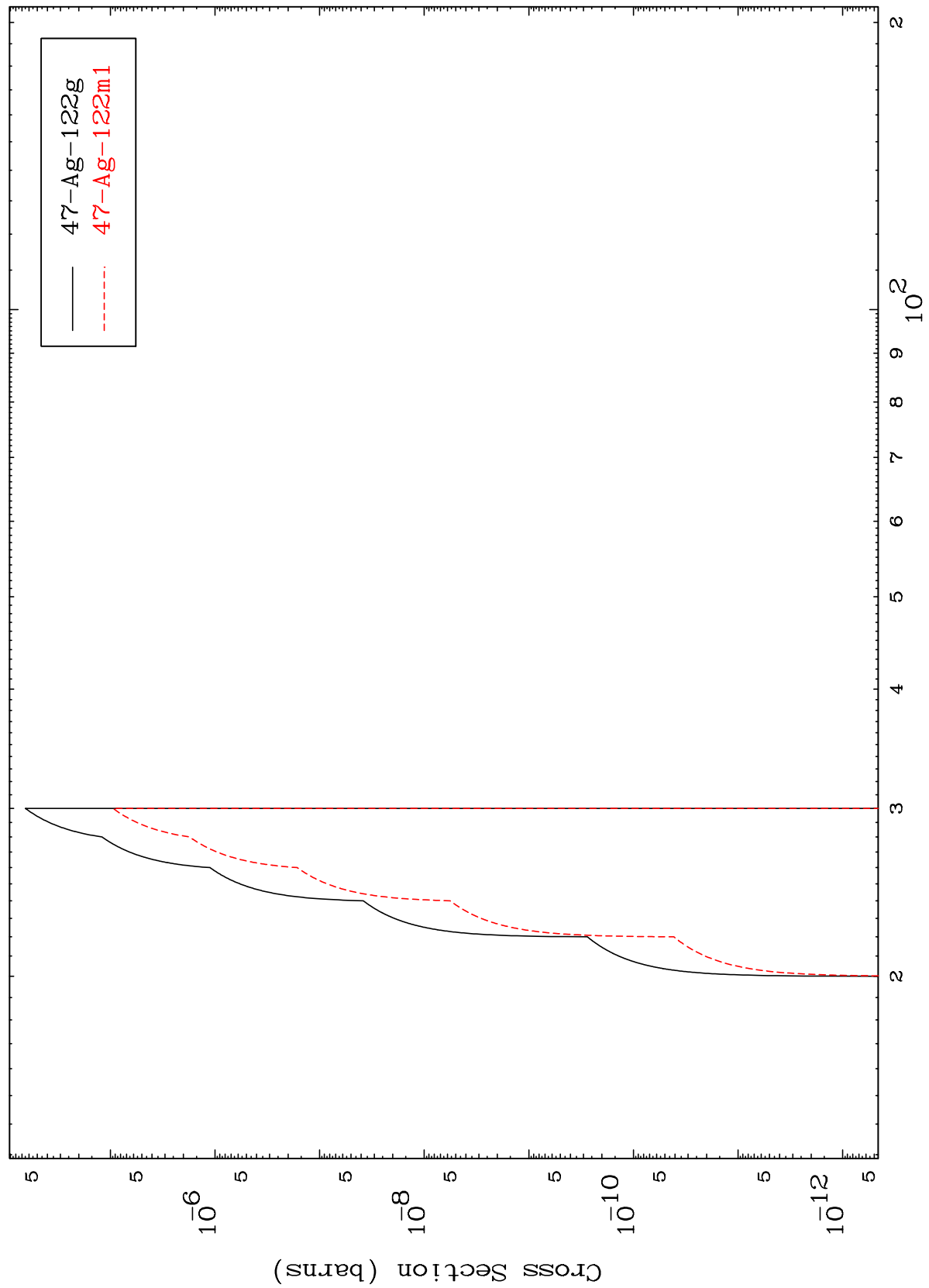
(p,  $\alpha$ )  
Radionuclide Production Cross Section



MAT 4877

48-Cd-123

(p,2p)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

48-Cd-123