

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

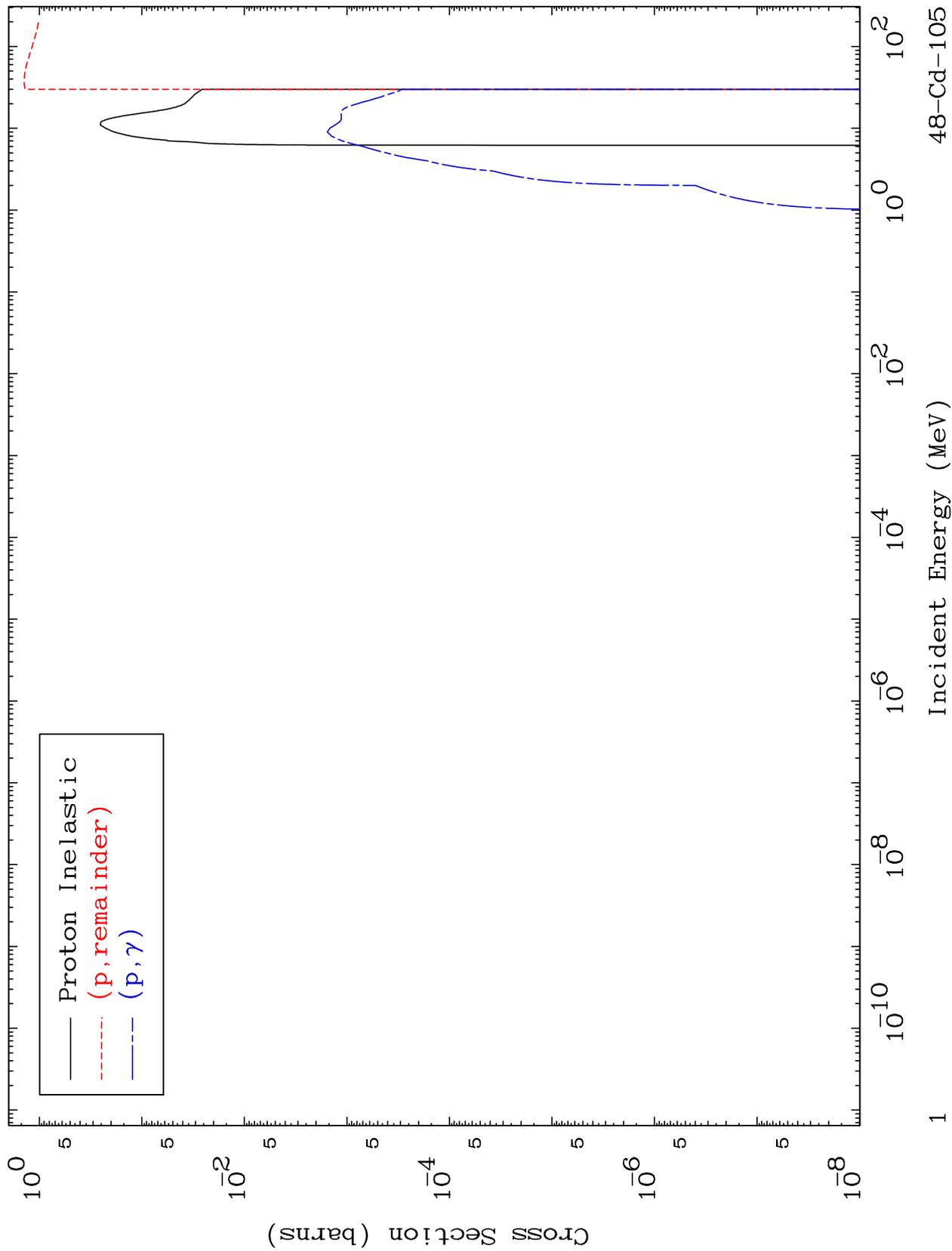
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4822

Proton Major  
0 Kelvin Cross Sections

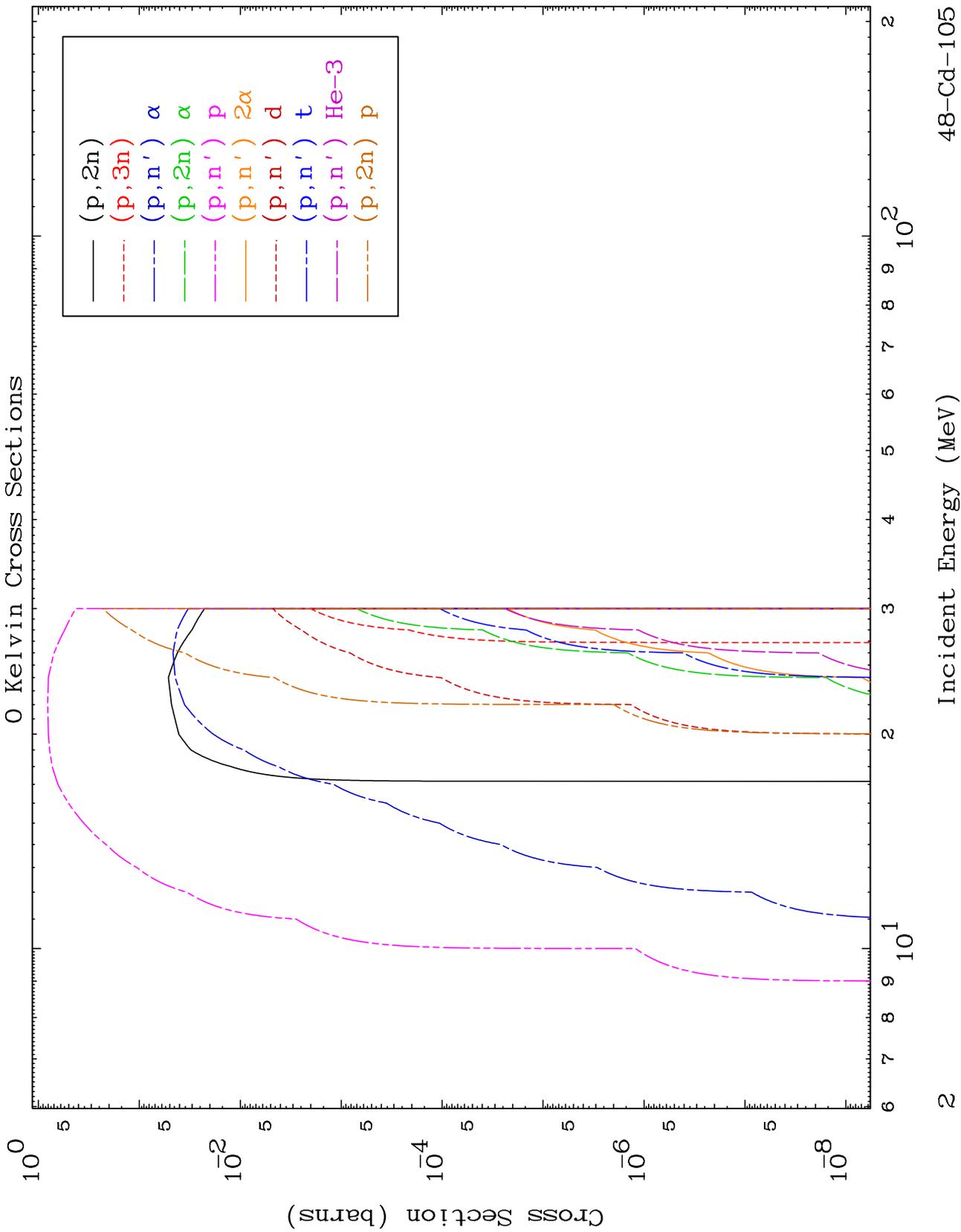
48-Cd-105



1

Incident Energy (MeV)

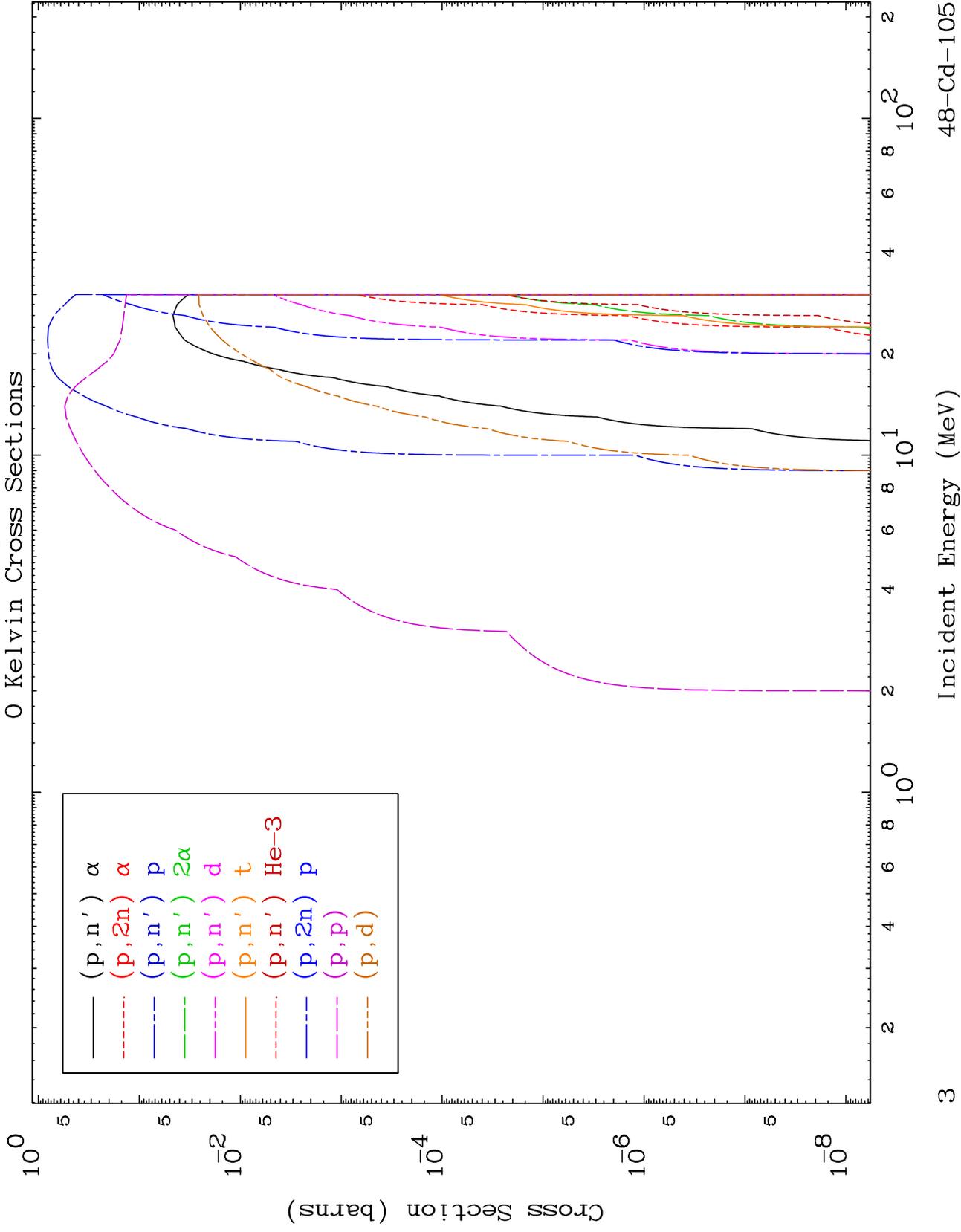
48-Cd-105



MAT 4822

Proton Charged Particle  
0 Kelvin Cross Sections

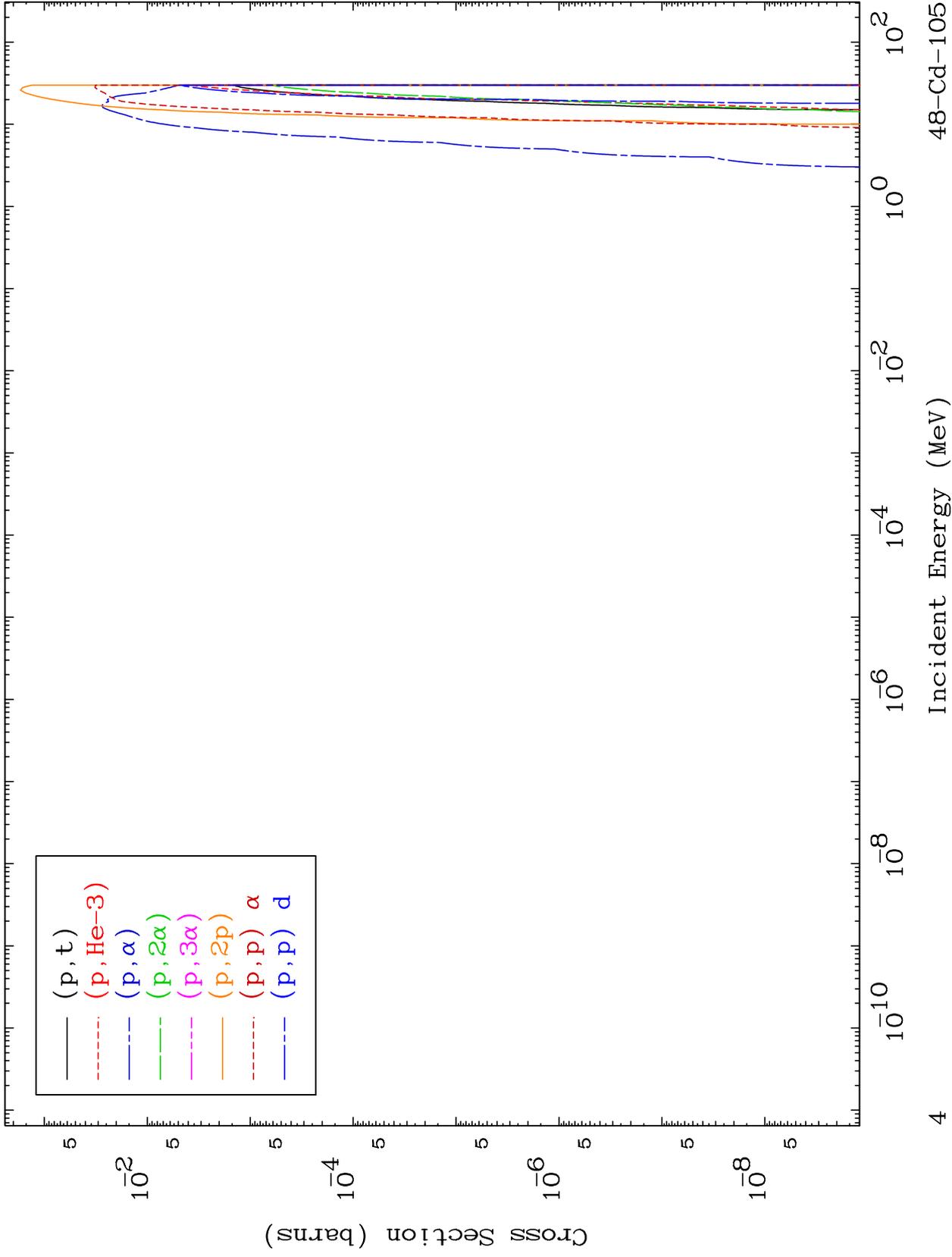
48-Cd-105



MAT 4822

Proton Charged Particle  
0 Kelvin Cross Sections

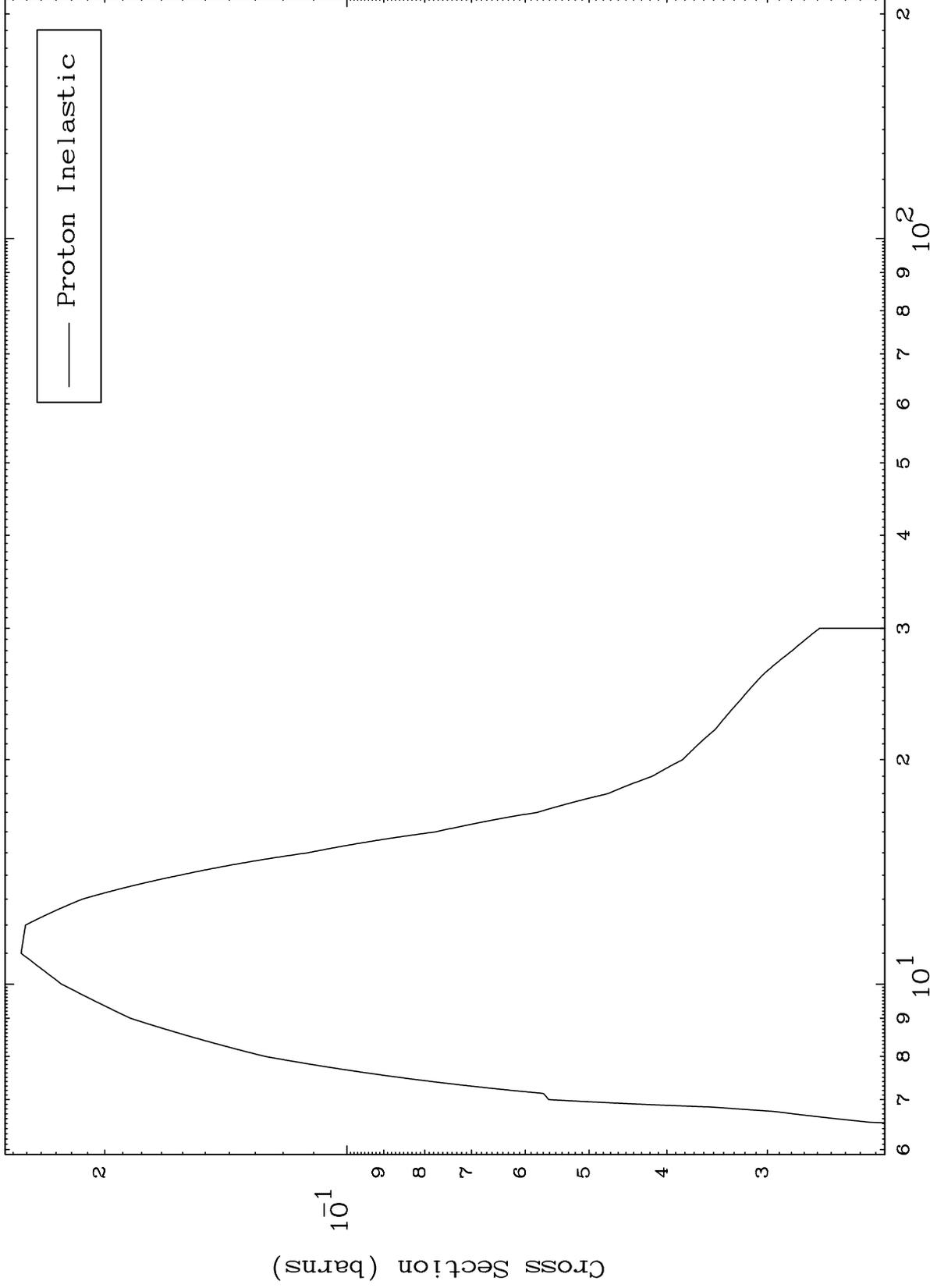
48-Cd-105



MAT 4822

(p,n') Level  
0 Kelvin Cross Sections

48-Cd-105



— Proton Inelastic

5

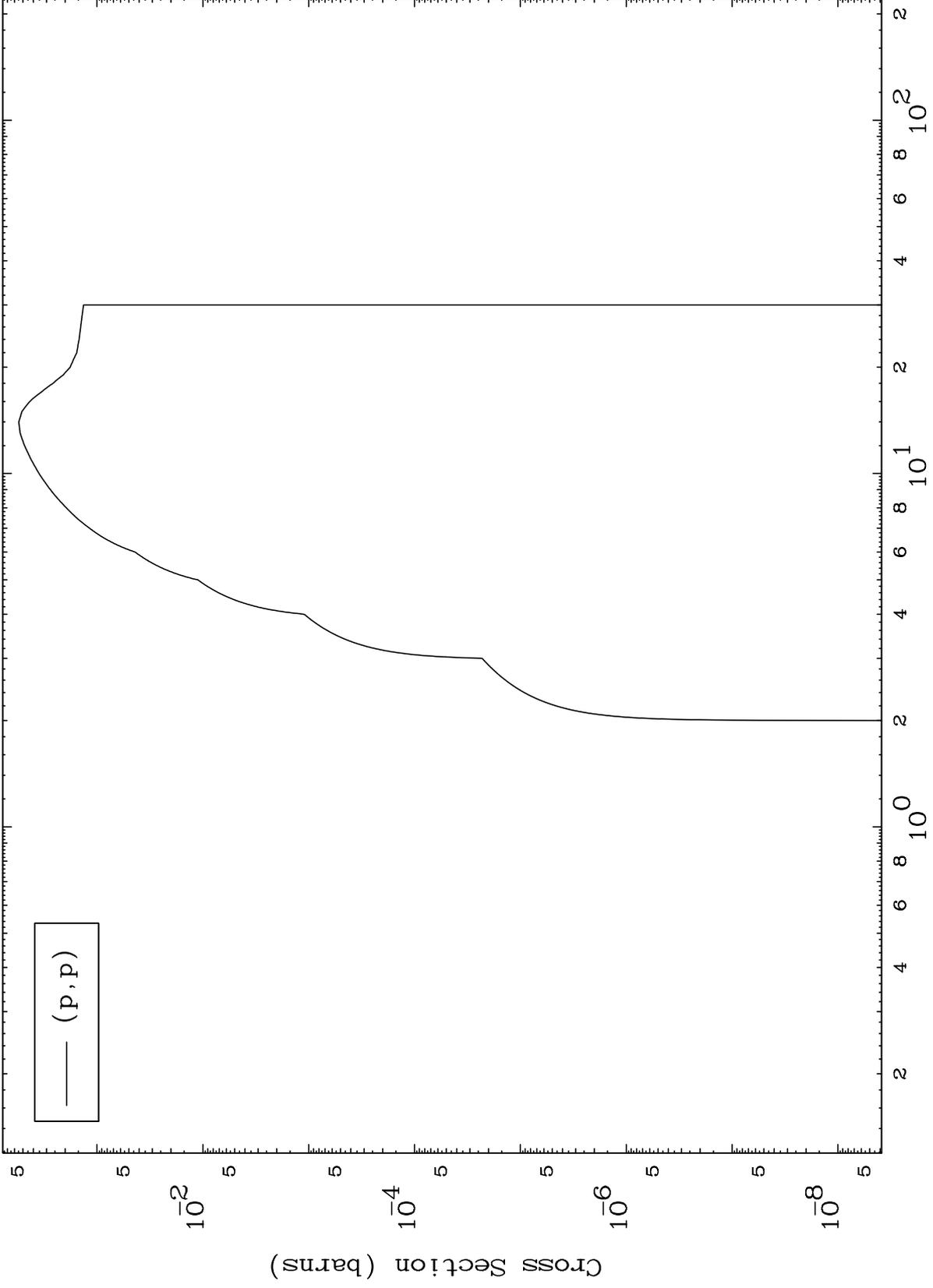
Incident Energy (MeV)

48-Cd-105

MAT 4822

48-Cd-105

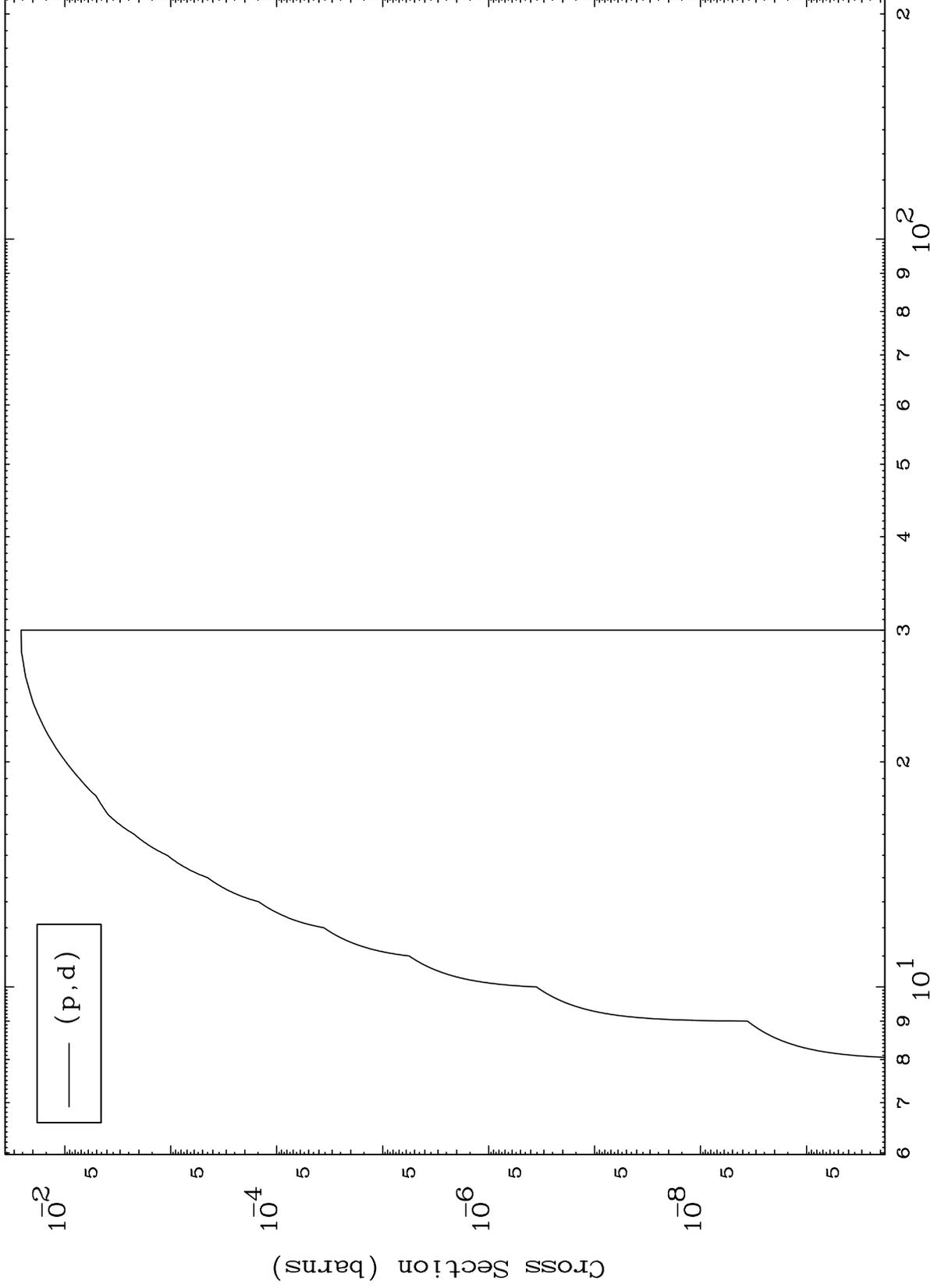
(p,p) Levels  
0 Kelvin Cross Sections



MAT 4822

(p,d) Levels  
0 Kelvin Cross Sections

48-Cd-105



7

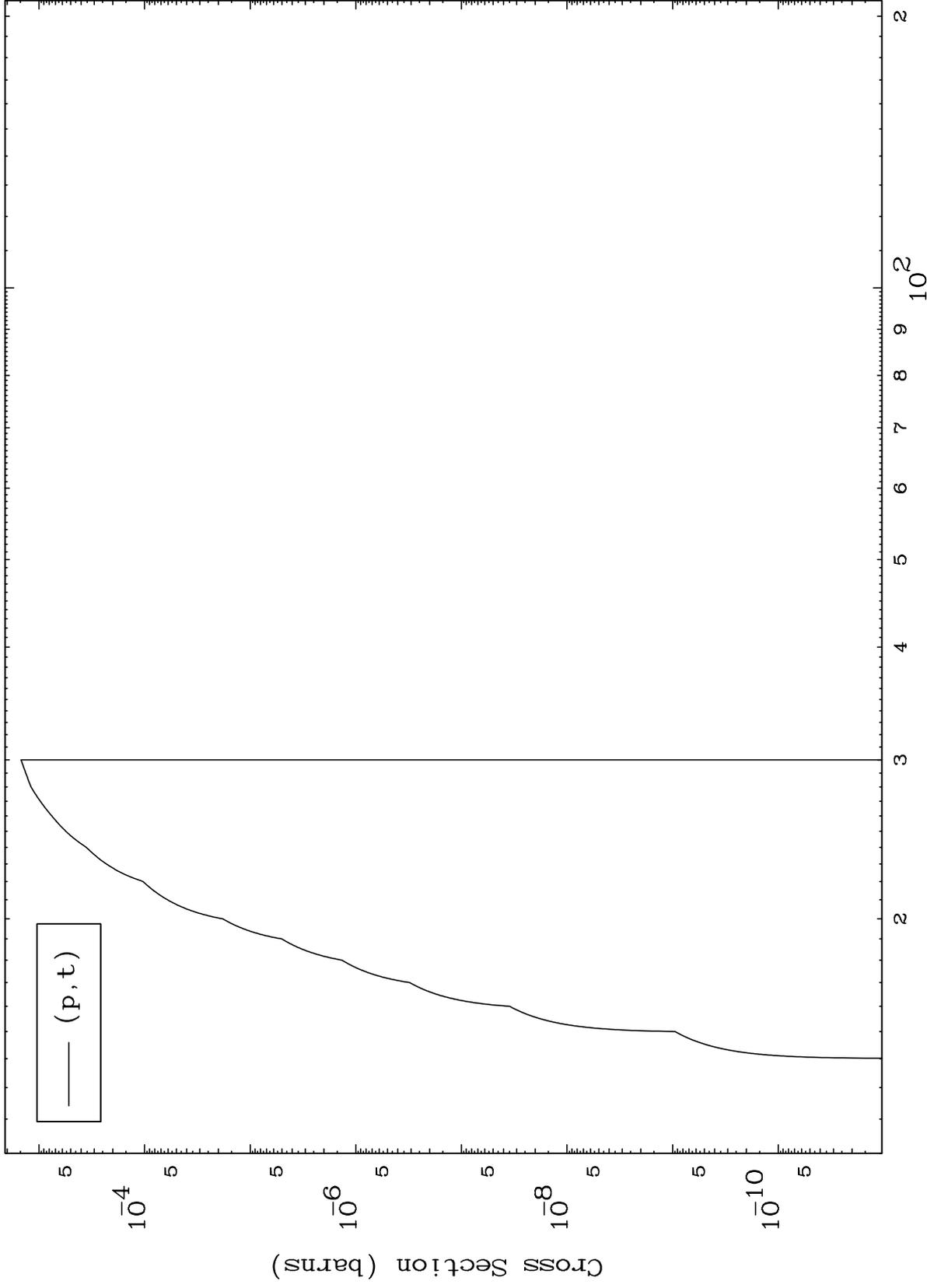
Incident Energy (MeV)

48-Cd-105

MAT 4822

(p,t) Levels  
0 Kelvin Cross Sections

48-Cd-105



8

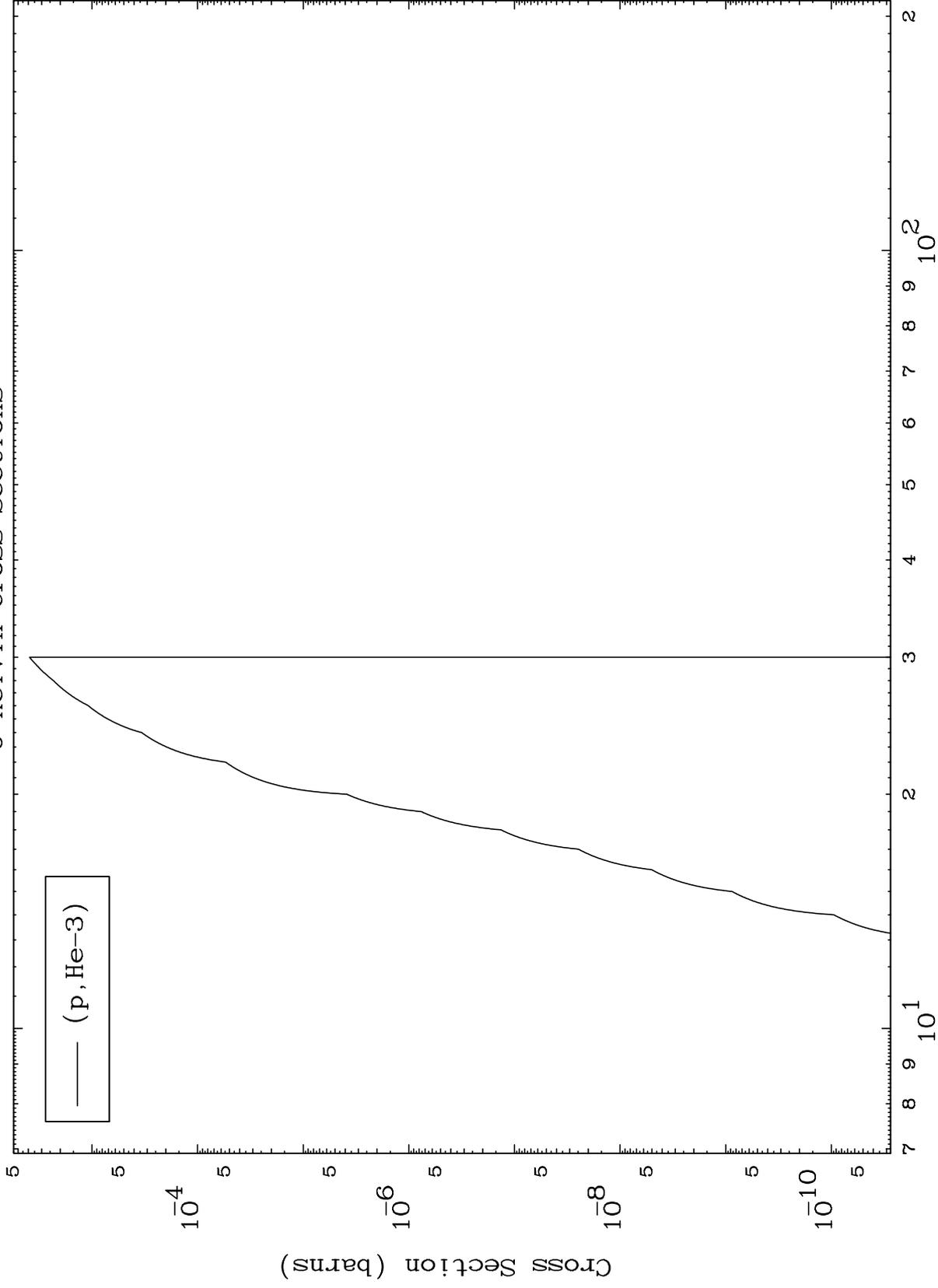
Incident Energy (MeV)

48-Cd-105

MAT 4822

(p,He3) Levels  
0 Kelvin Cross Sections

48-Cd-105



9

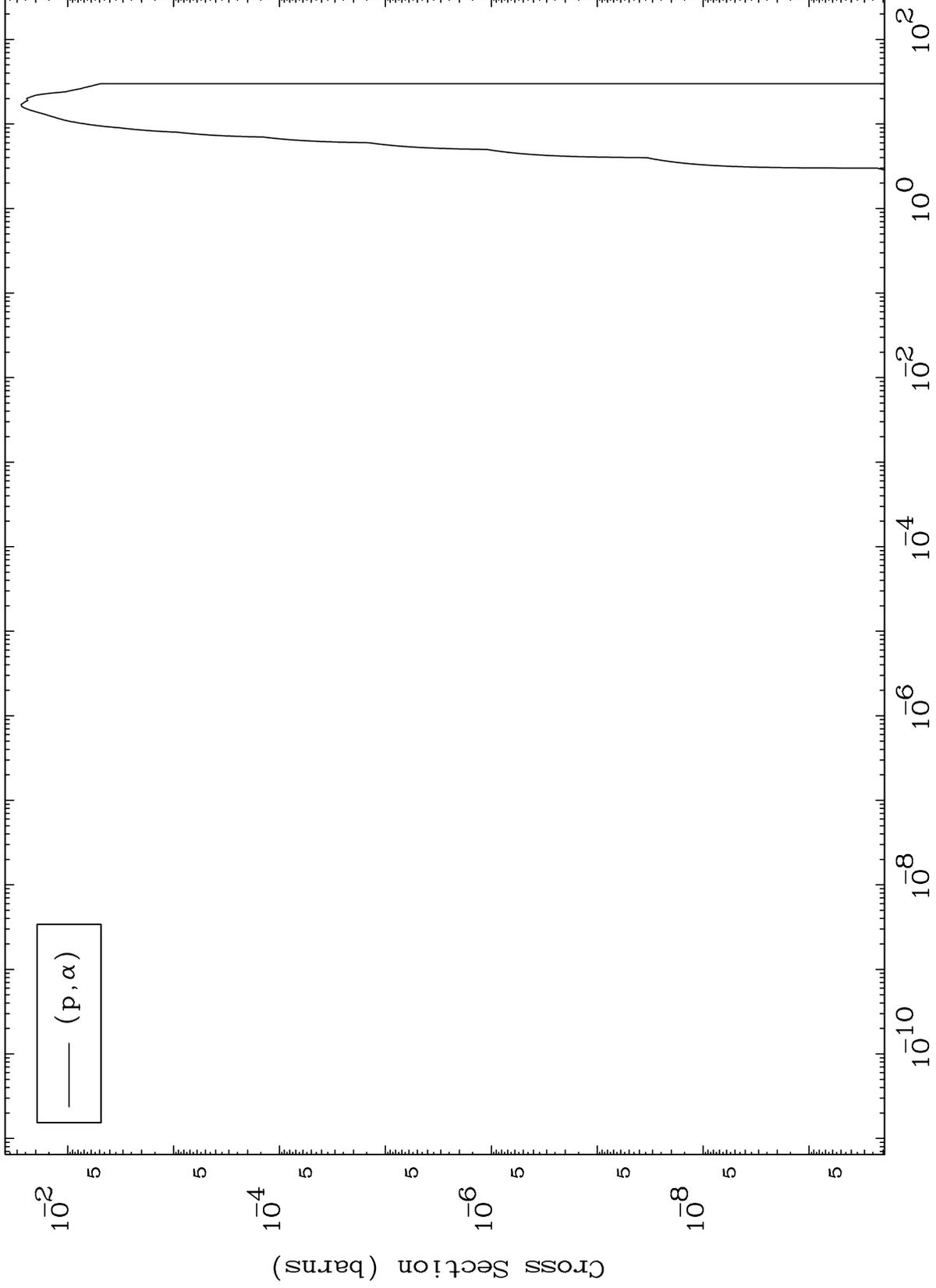
Incident Energy (MeV)

48-Cd-105

MAT 4822

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

48-Cd-105



10

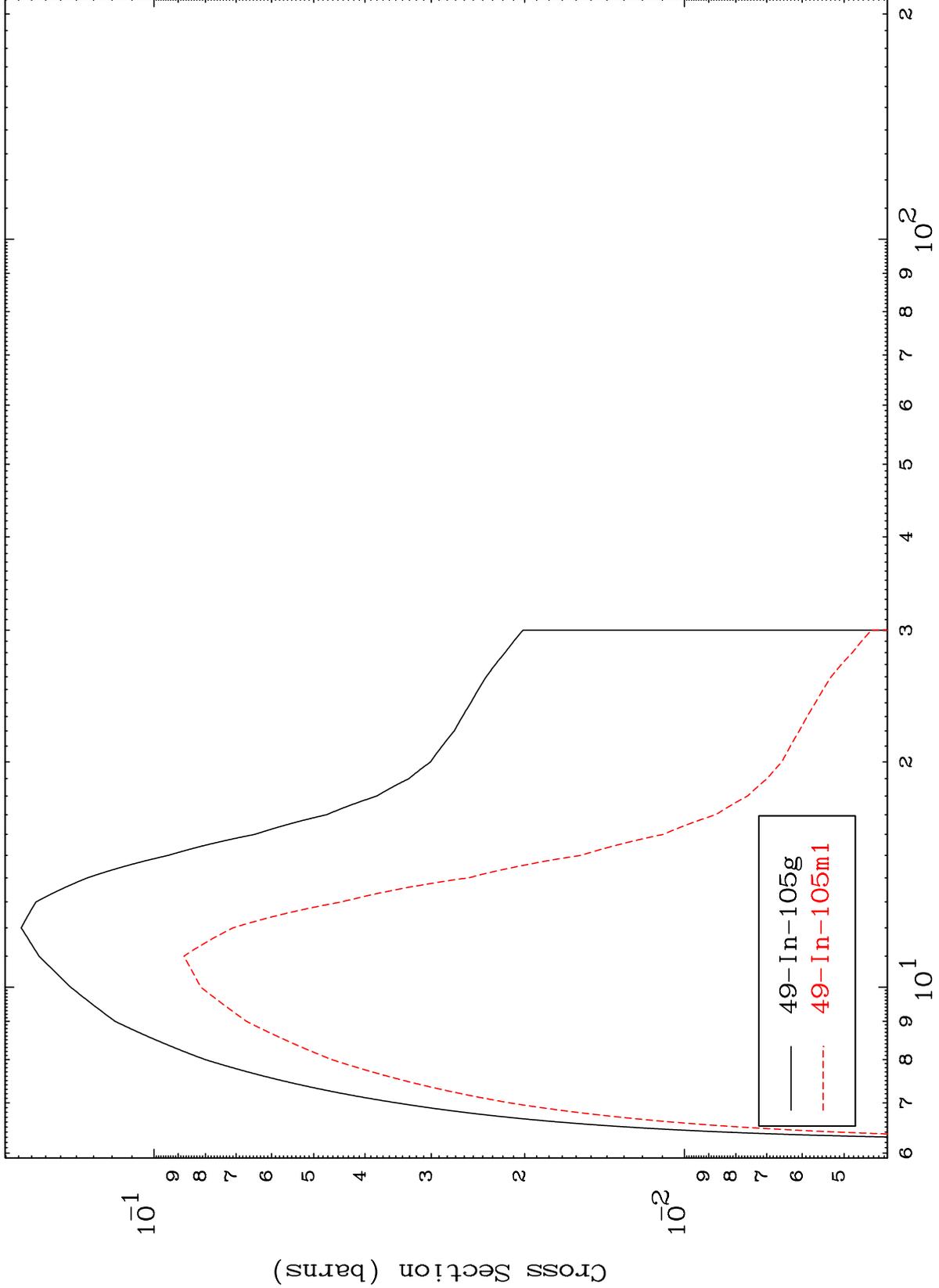
Incident Energy (MeV)

48-Cd-105

MAT 4822

Proton Inelastic  
Radionuclide Production Cross Section

48-Cd-105



48-Cd-105

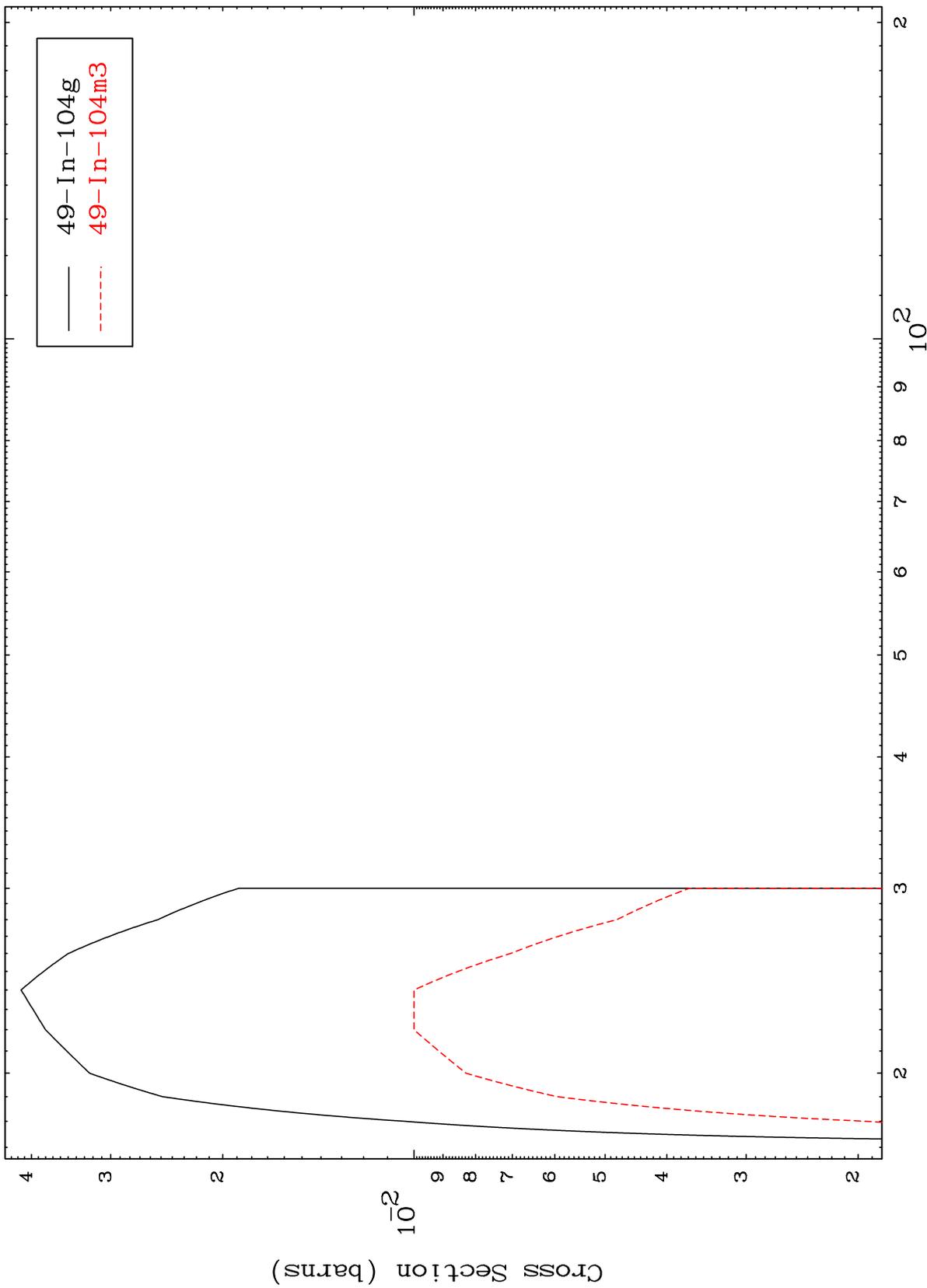
Incident Energy (MeV)

11

MAT 4822

48-Cd-105

(p,2n)  
Radionuclide Production Cross Section



12

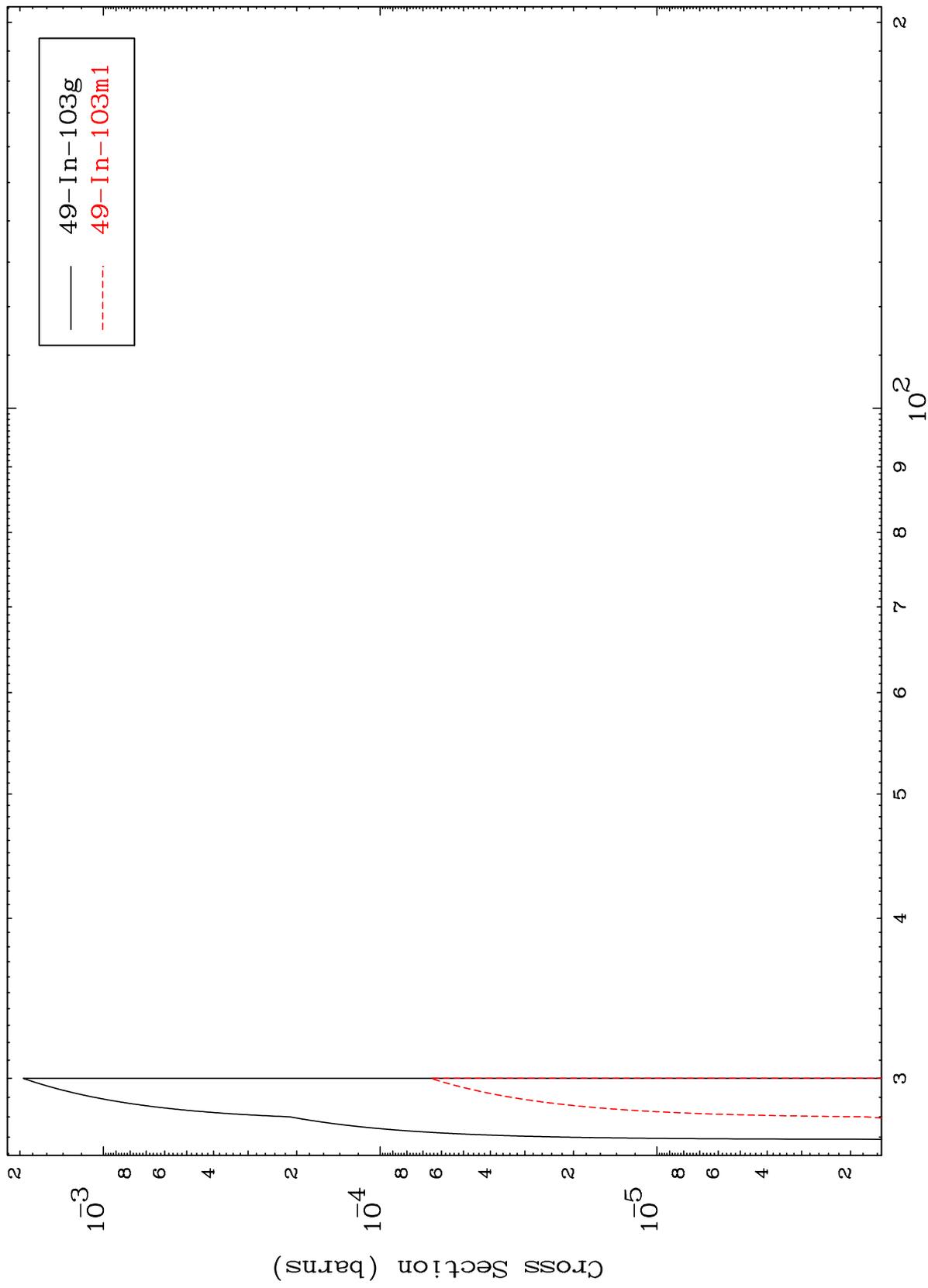
Incident Energy (MeV)

48-Cd-105

MAT 4822

48-Cd-105

(p,3n)  
Radionuclide Production Cross Section



48-Cd-105

Incident Energy (MeV)

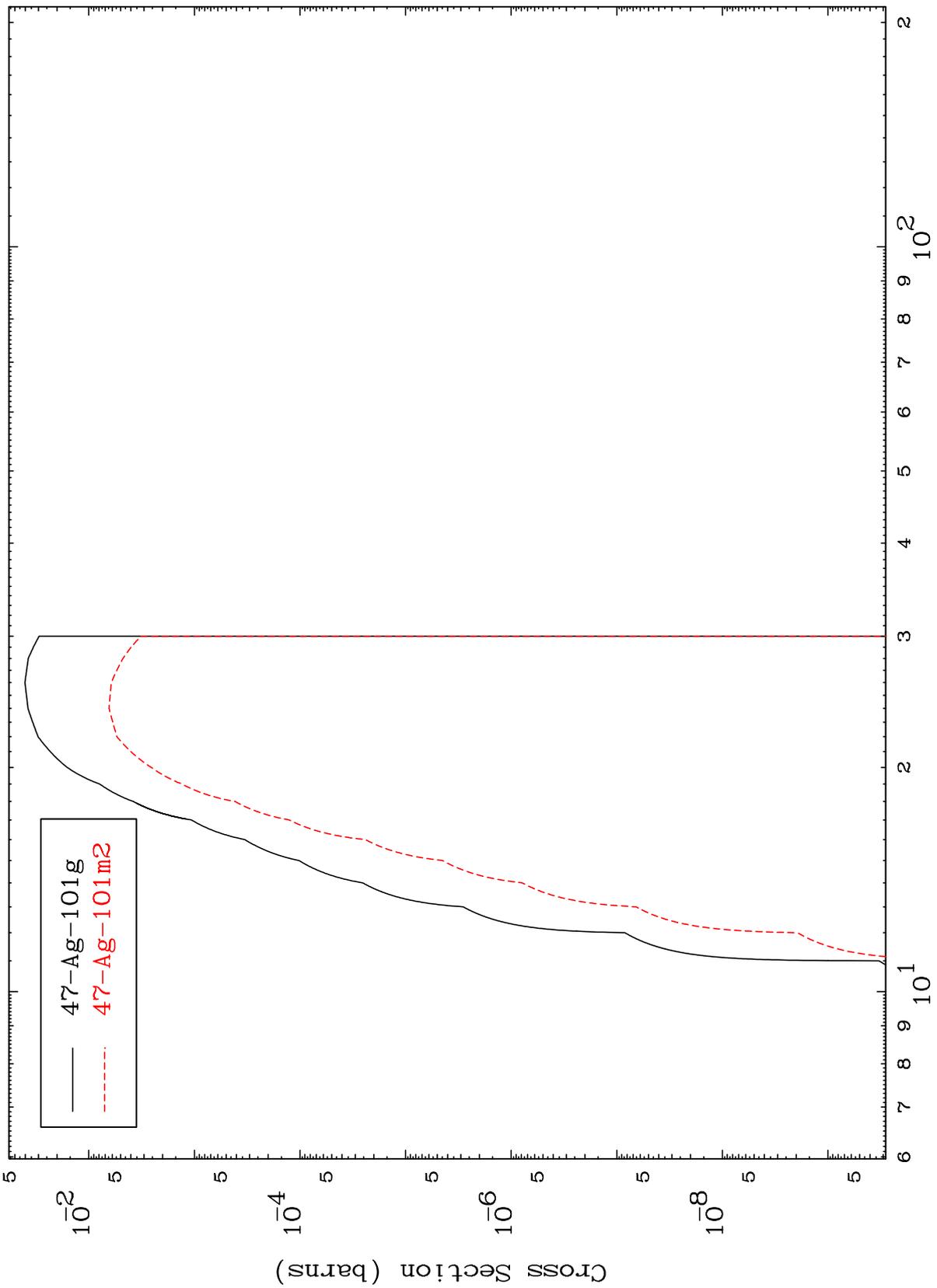
13

MAT 4822

48-Cd-105

(p,n')  $\alpha$

Radionuclide Production Cross Section



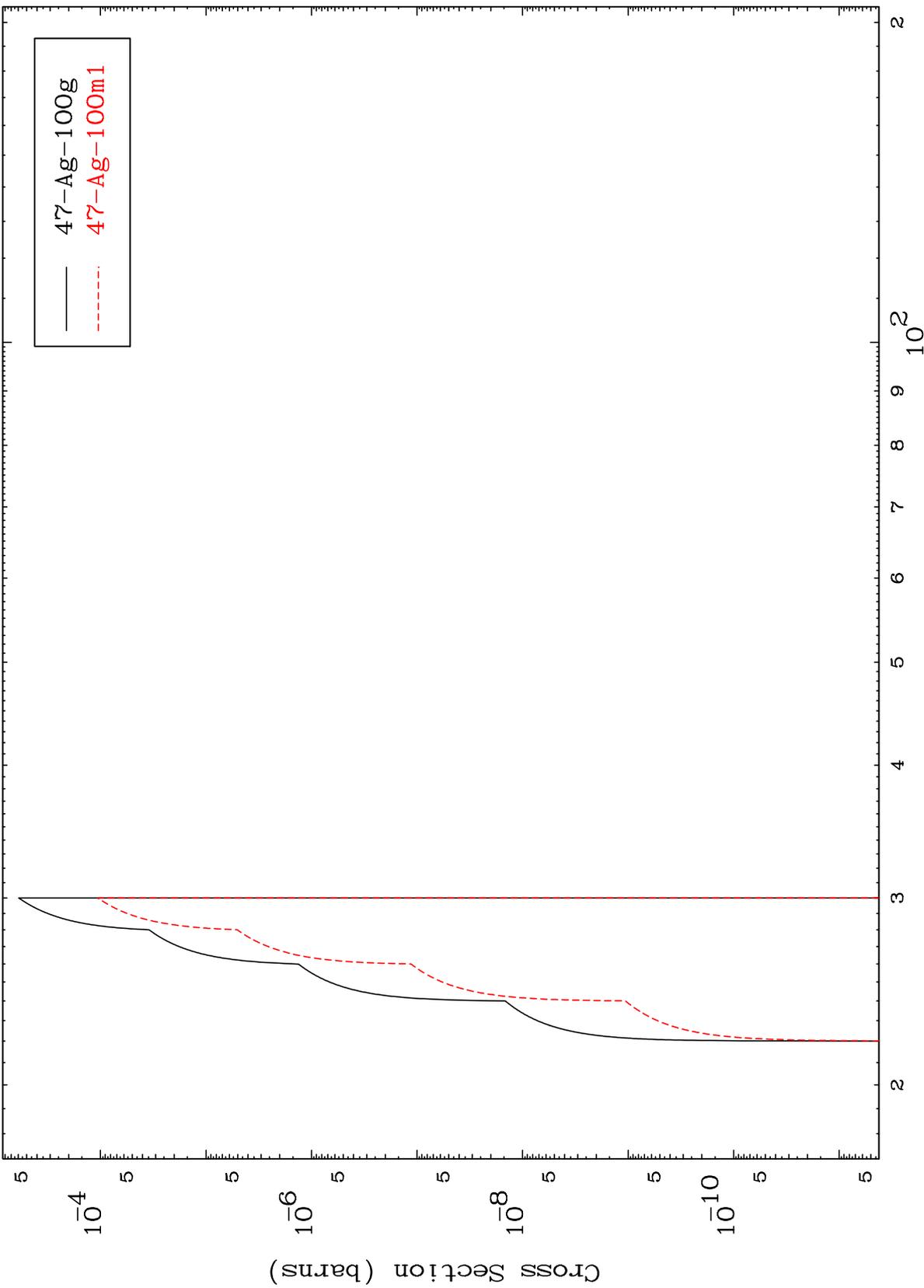
— 47-Ag-101g  
- - - 47-Ag-101m2

14

Incident Energy (MeV)

48-Cd-105

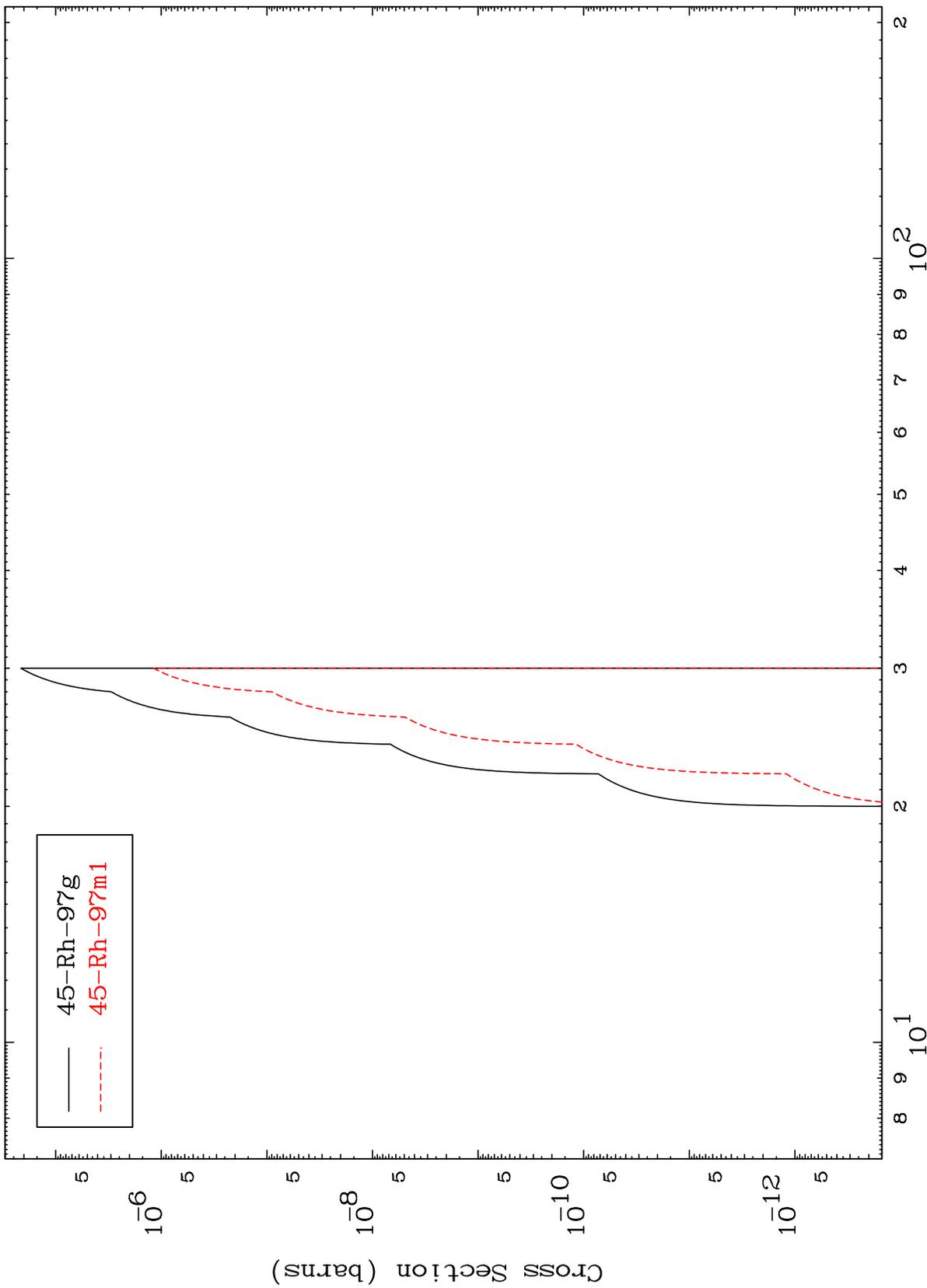
Radionuclide Production Cross Section



MAT 4822

48-Cd-105

(p,n') 2 $\alpha$   
Radionuclide Production Cross Section

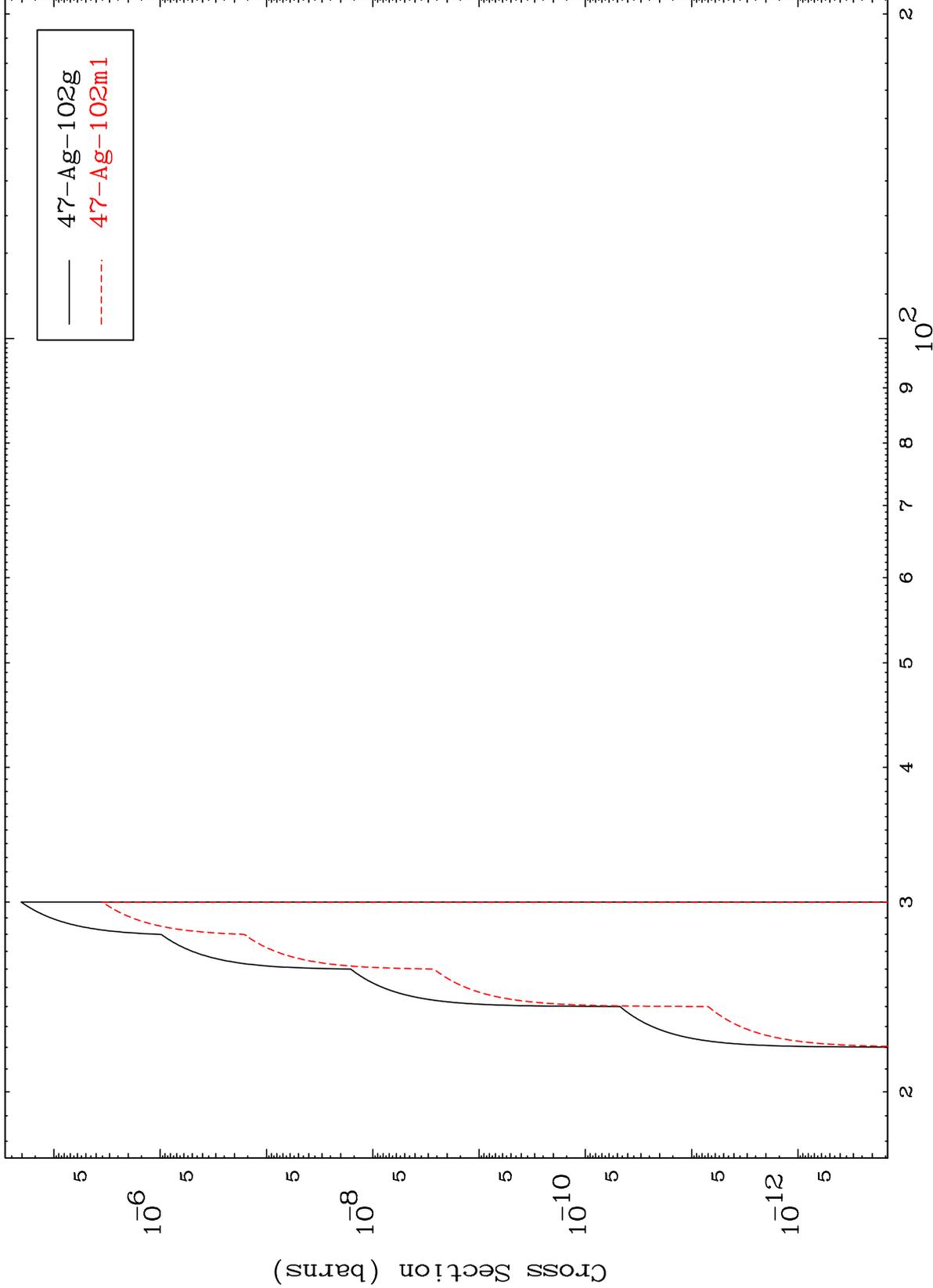


16

Incident Energy (MeV)

48-Cd-105

Radionuclide Production Cross Section

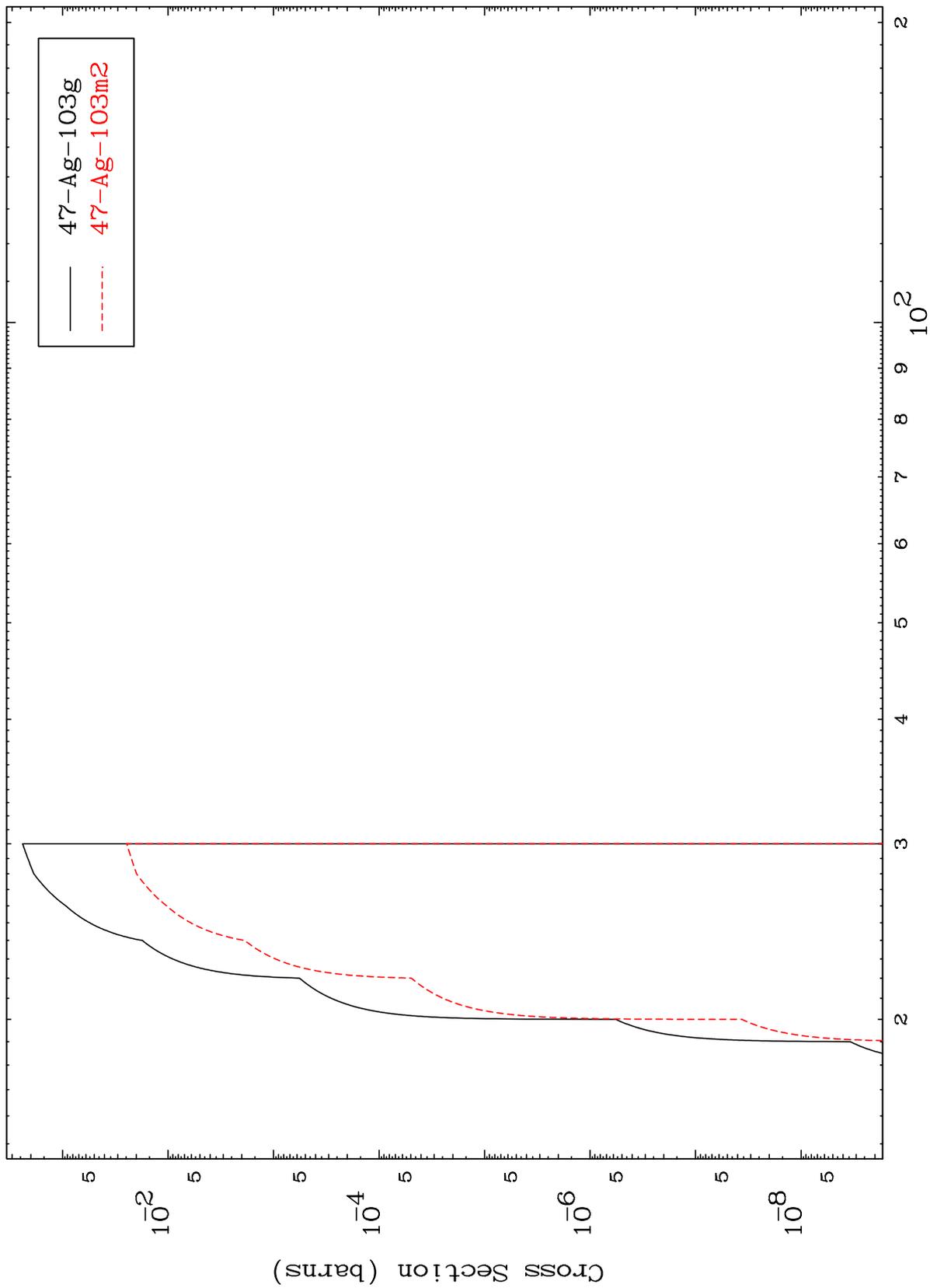


47-Ag-102g  
47-Ag-102m1

MAT 4822

48-Cd-105

(p,2n) p  
Radionuclide Production Cross Section



18

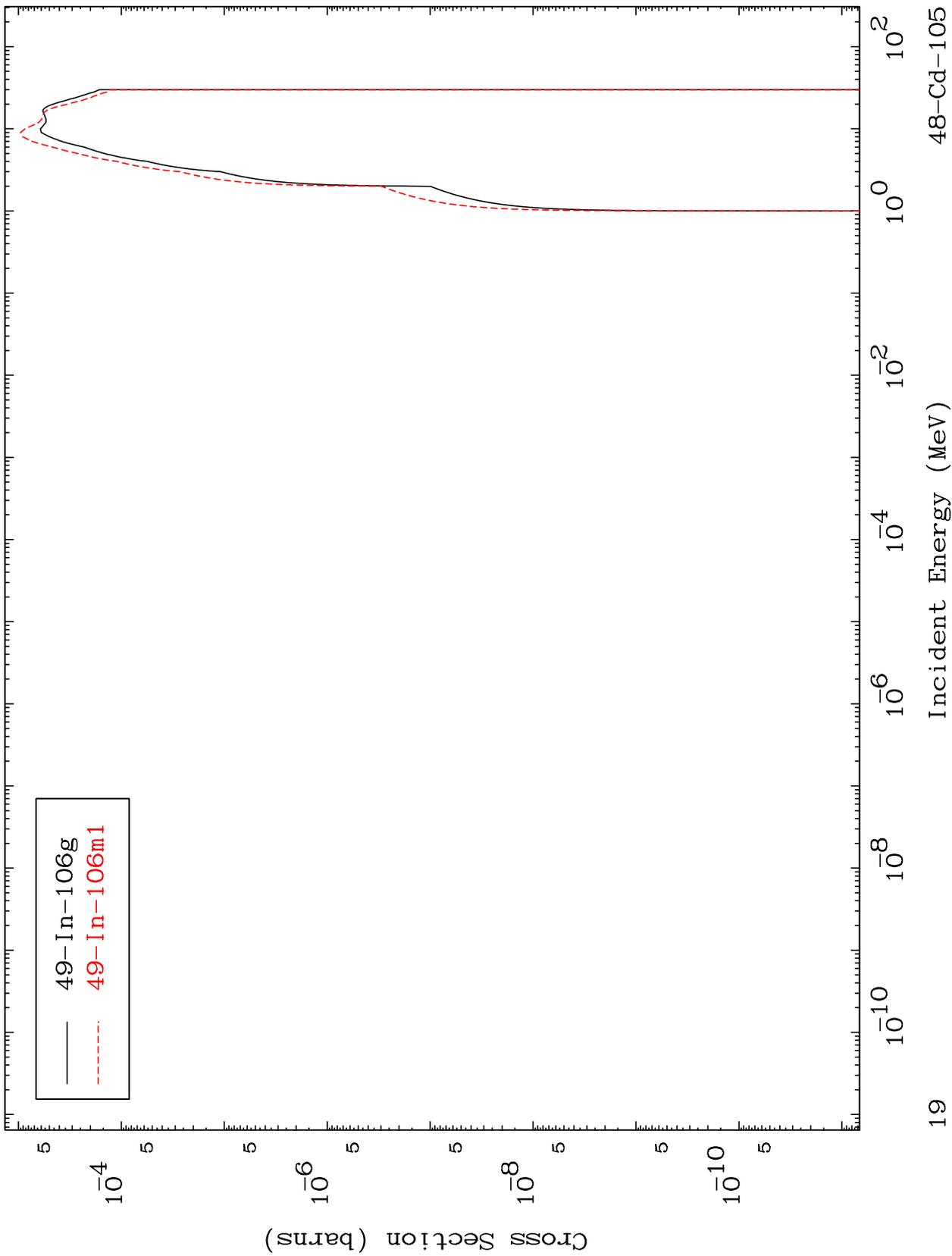
Incident Energy (MeV)

48-Cd-105

MAT 4822

48-Cd-105

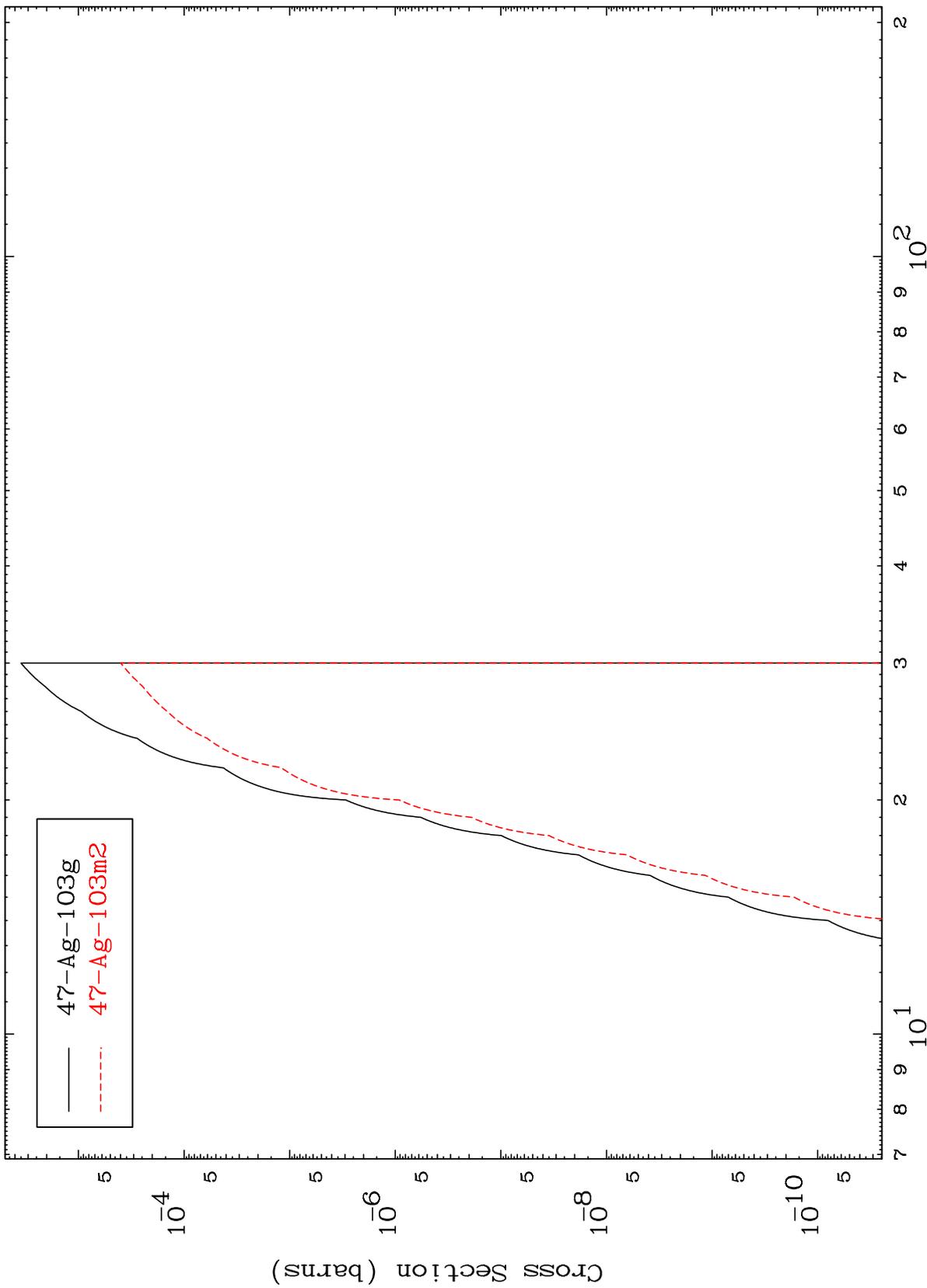
(p,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 4822

48-Cd-105

(p,He-3)  
Radionuclide Production Cross Section



— 47-Ag-103g  
- - - 47-Ag-103m2

48-Cd-105

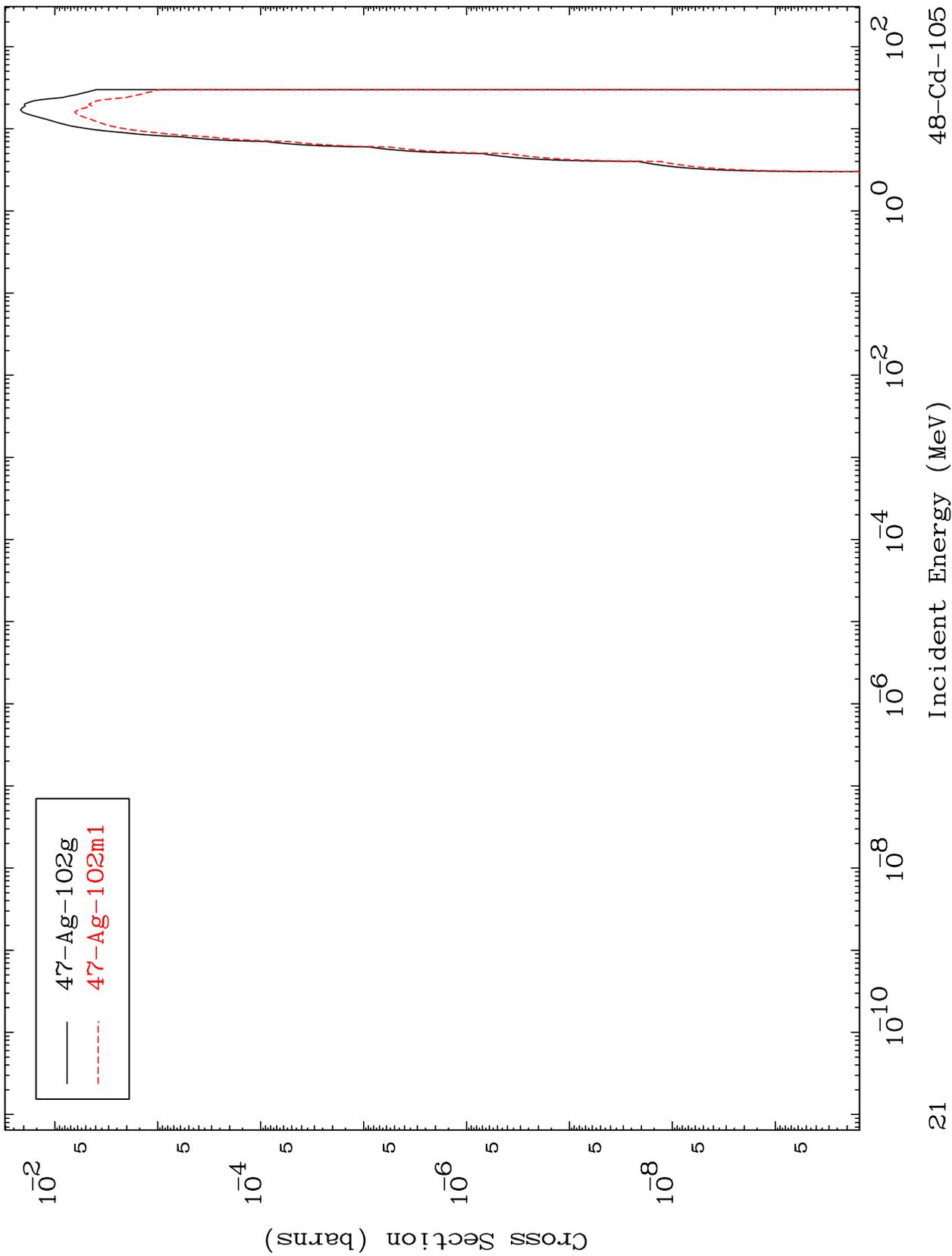
Incident Energy (MeV)

20

MAT 4822

48-Cd-105

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

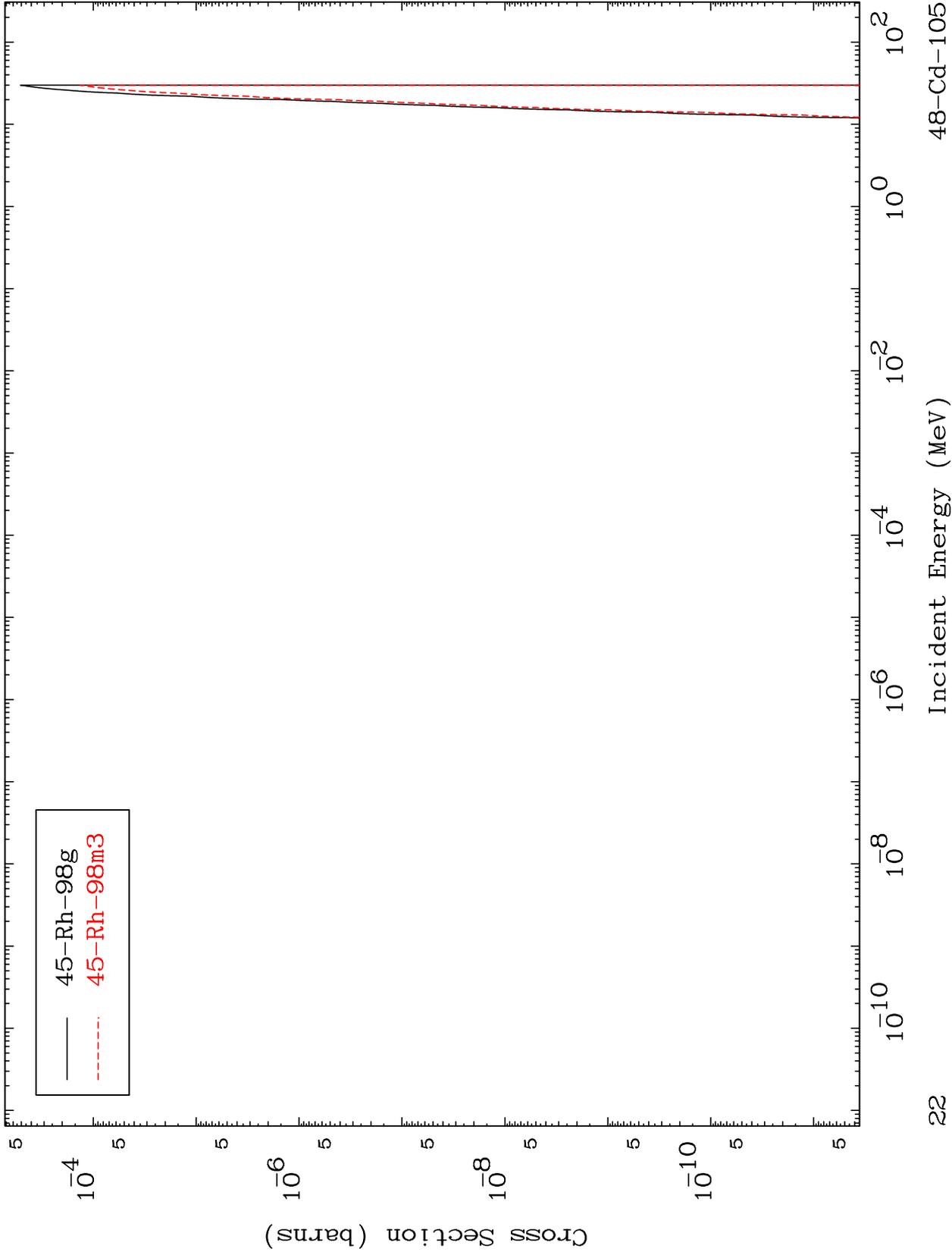


MAT 4822

(p,2α)

48-Cd-105

Radionuclide Production Cross Section

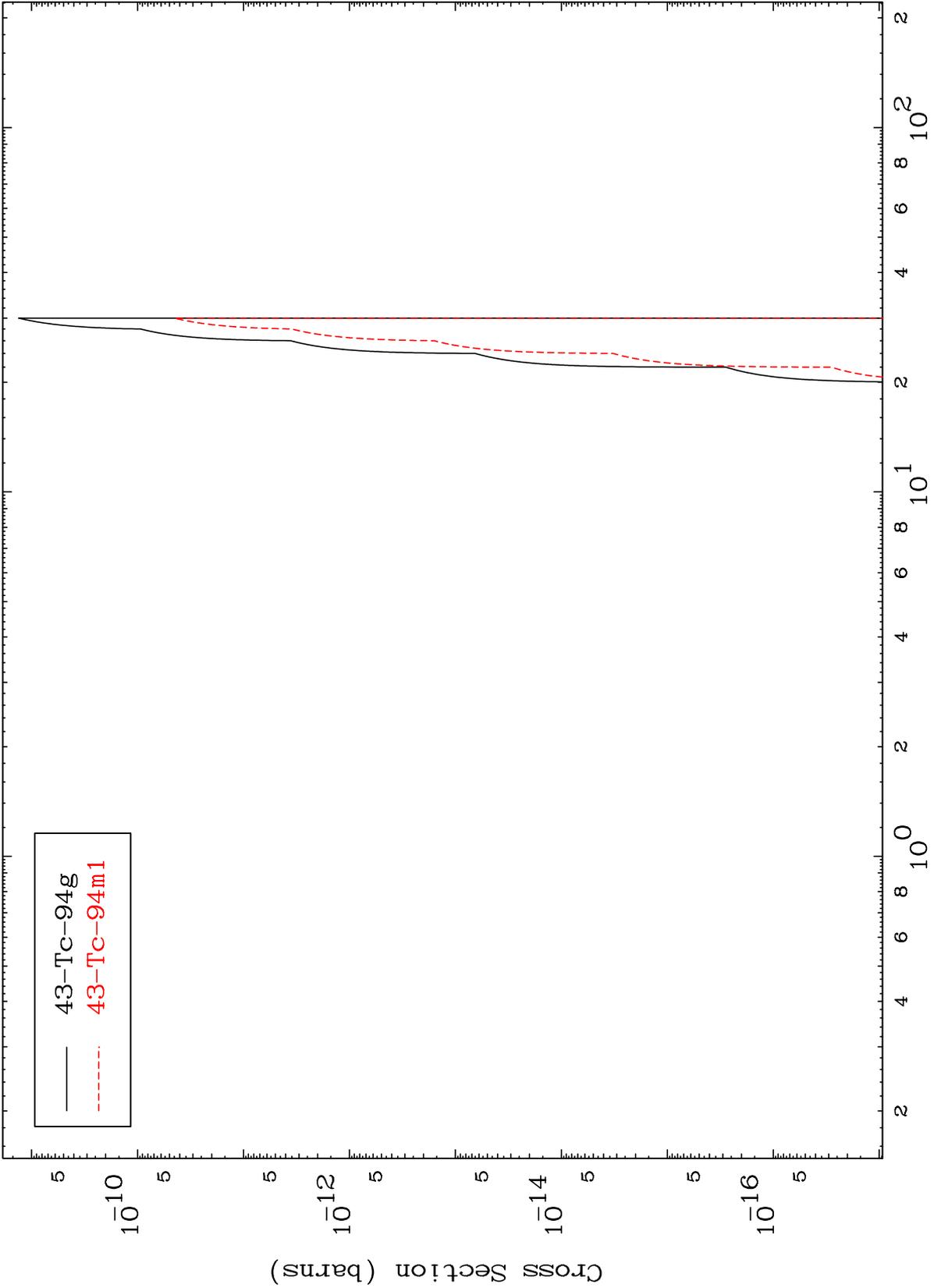


MAT 4822

(p,3 $\alpha$ )

48-Cd-105

Radionuclide Production Cross Section



23

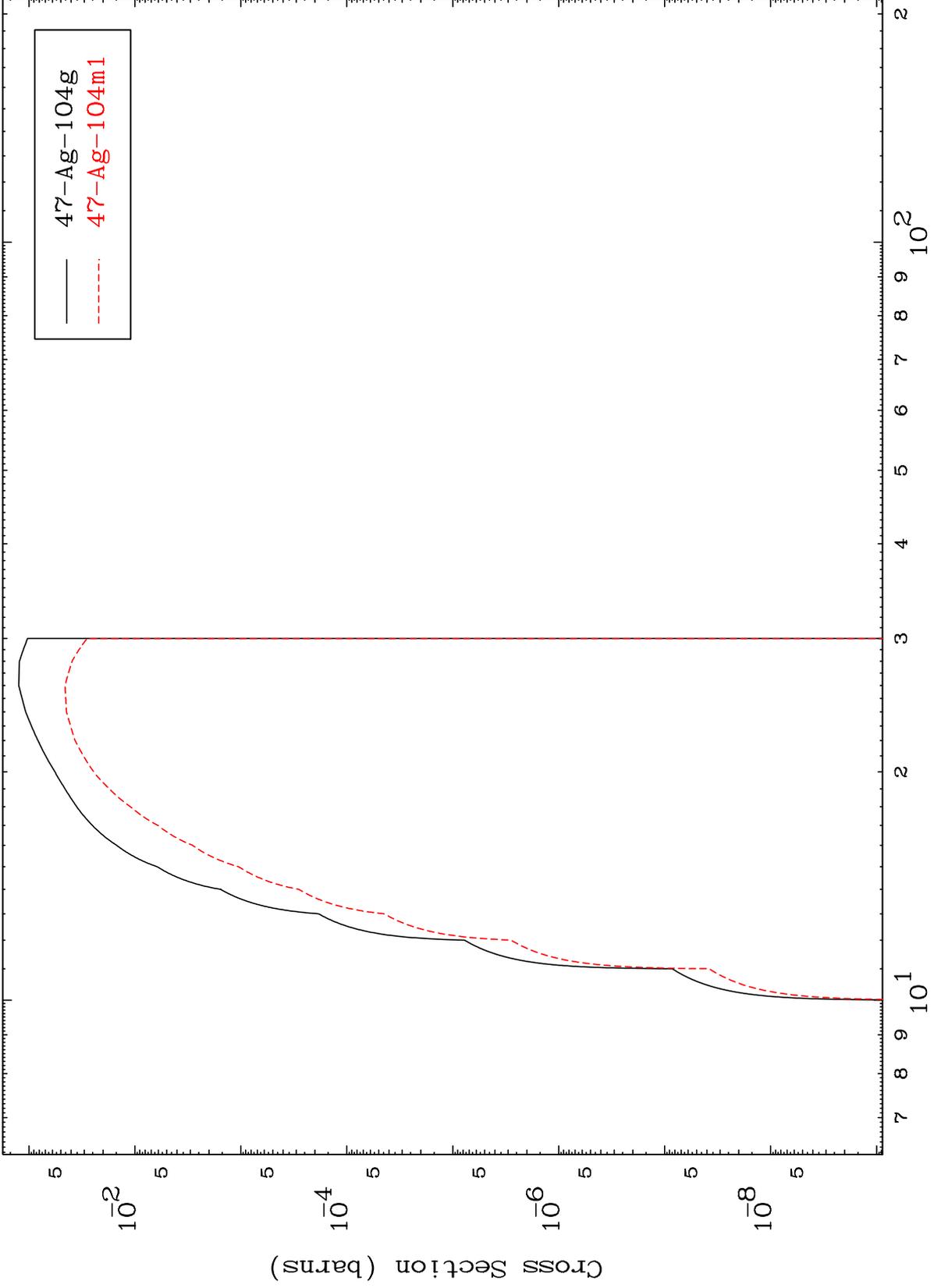
Incident Energy (MeV)

48-Cd-105

MAT 4822

48-Cd-105

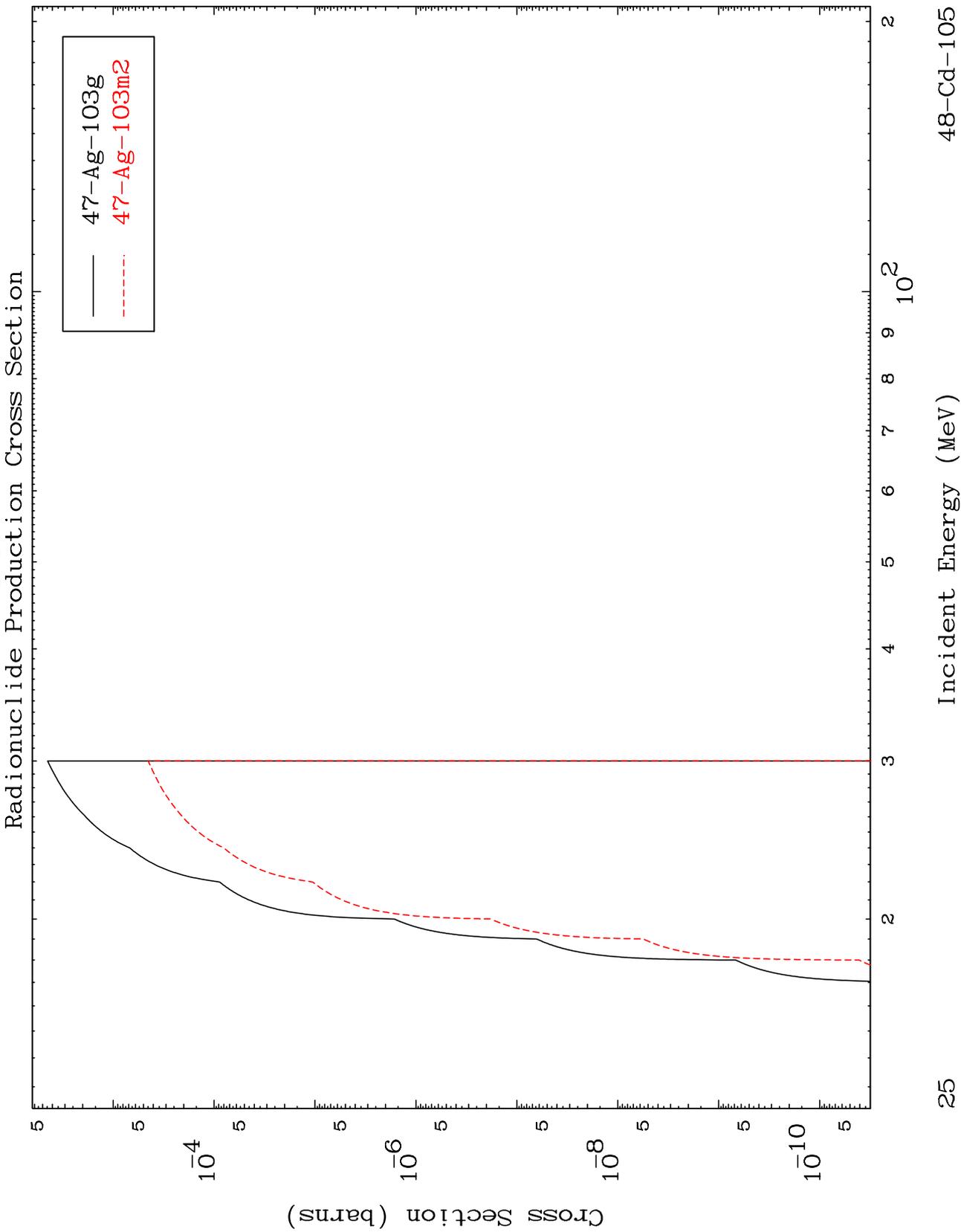
(p,2p)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

48-Cd-105



Radionuclide Production Cross Section

