

Program EVALPLOT
(Version 2018-1)

by

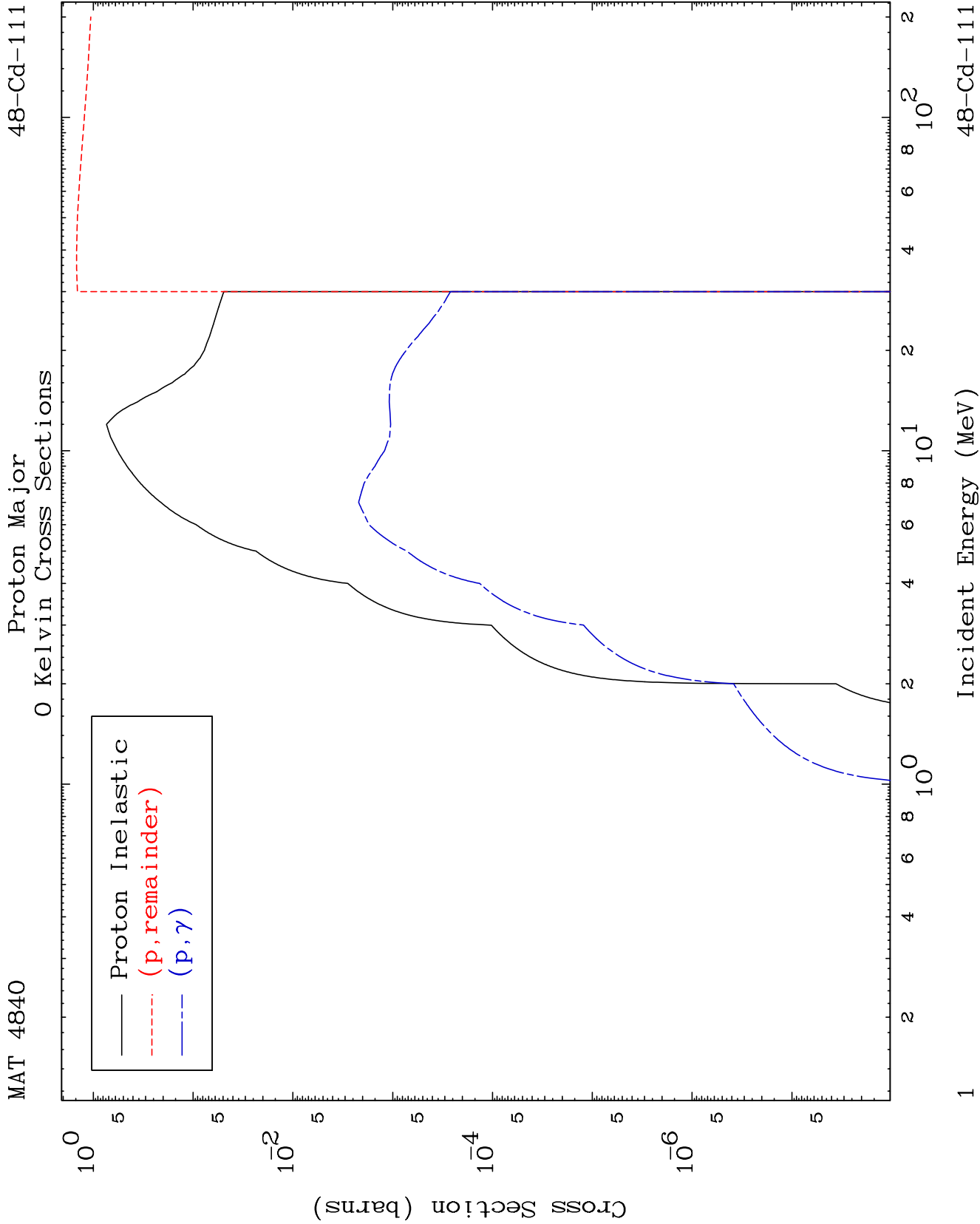
Dermott E. Cullen
(Present Contact Information)

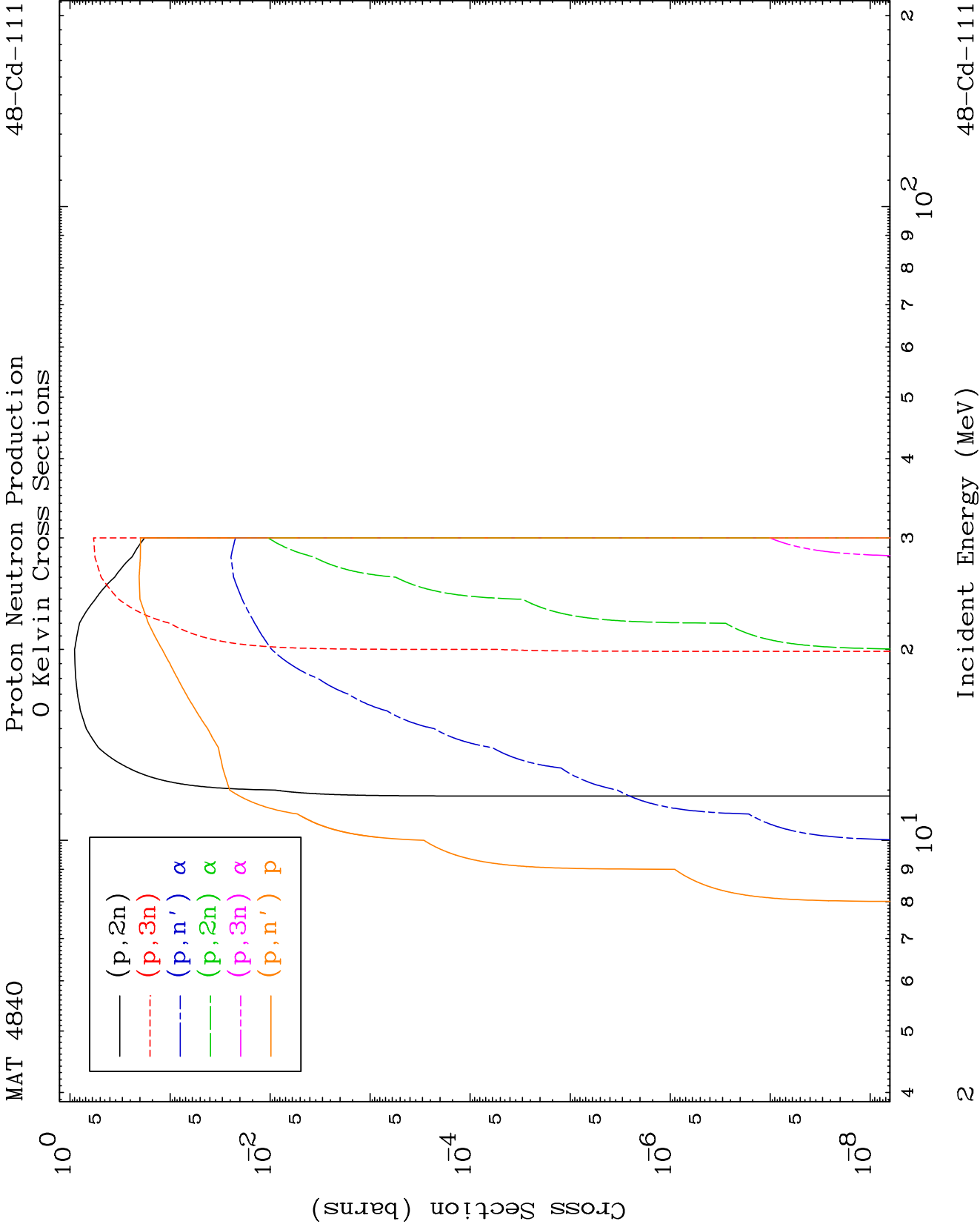
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

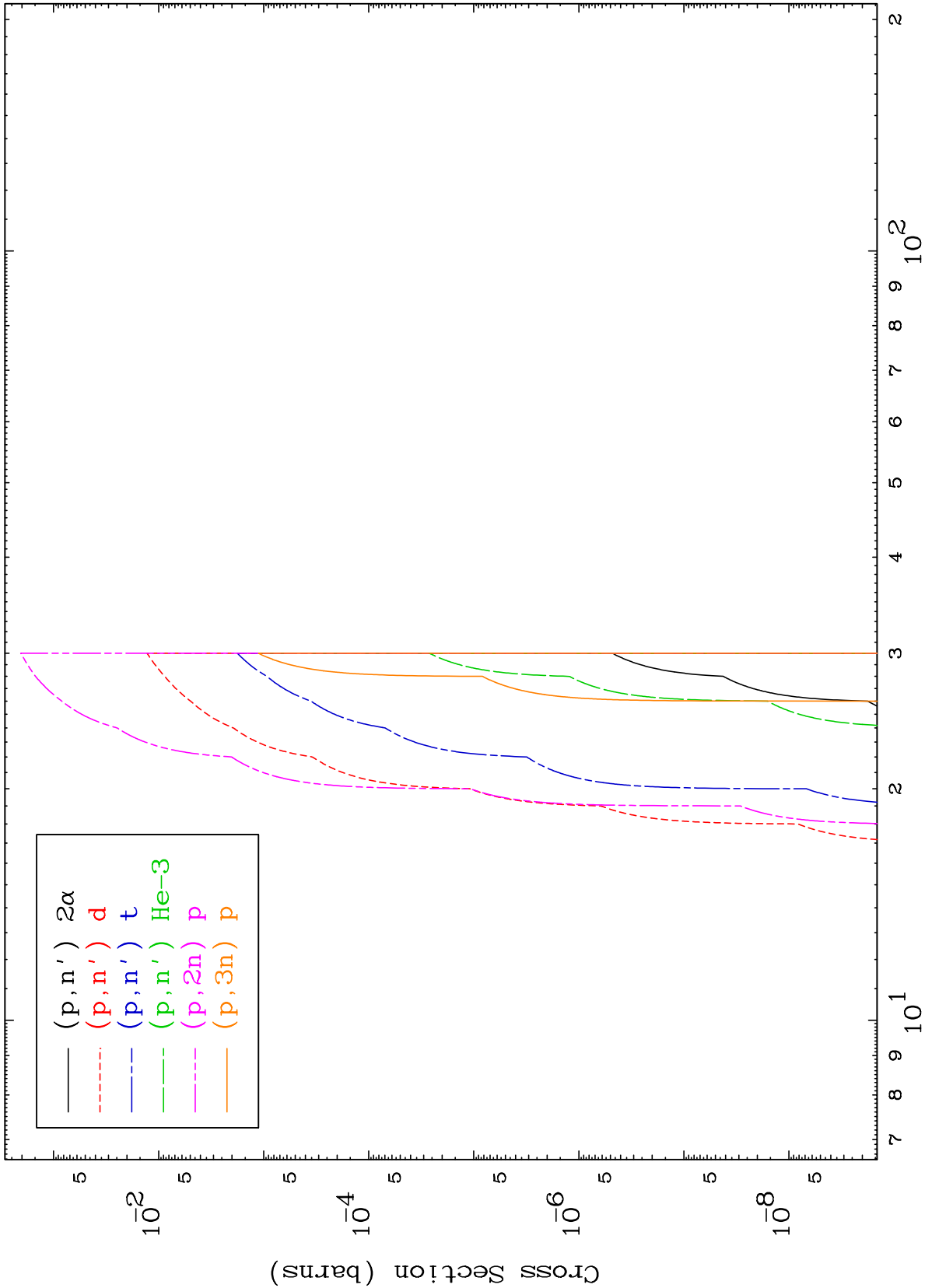




MAT 4840

Proton Neutron Production
0 Kelvin Cross Sections

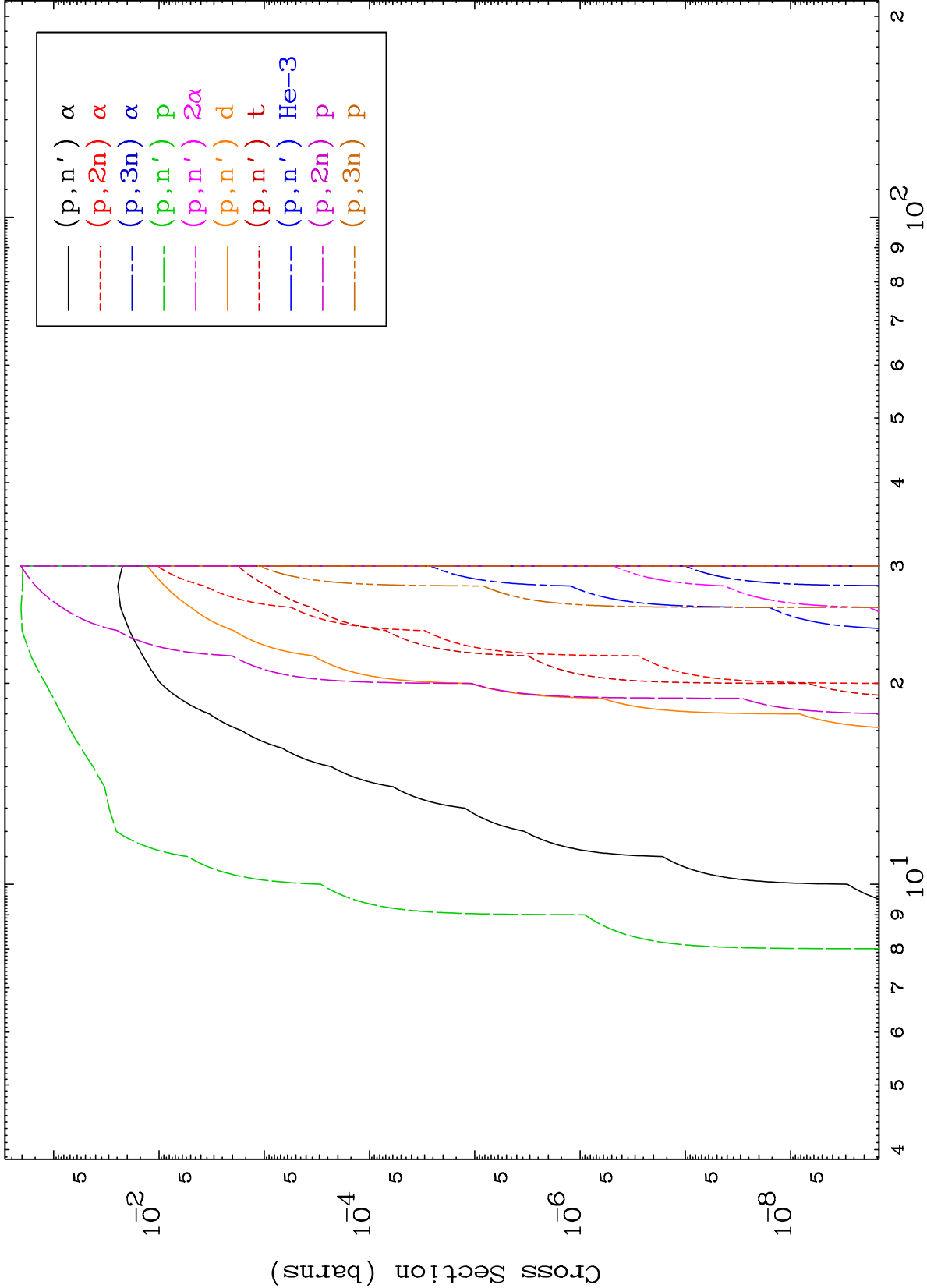
48-Cd-111



MAT 4840

Proton Charged Particle
0 Kelvin Cross Sections

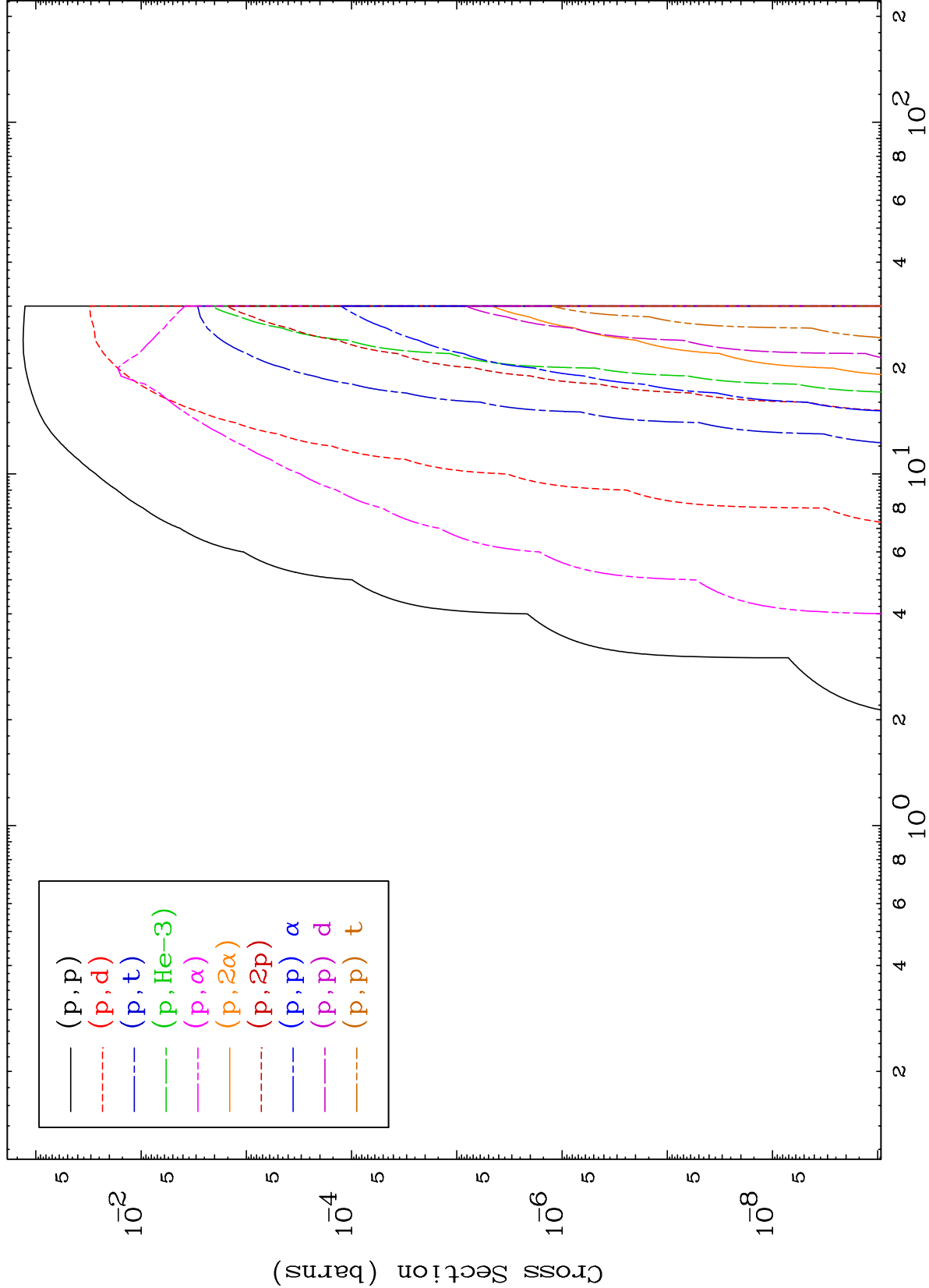
48-Cd-111

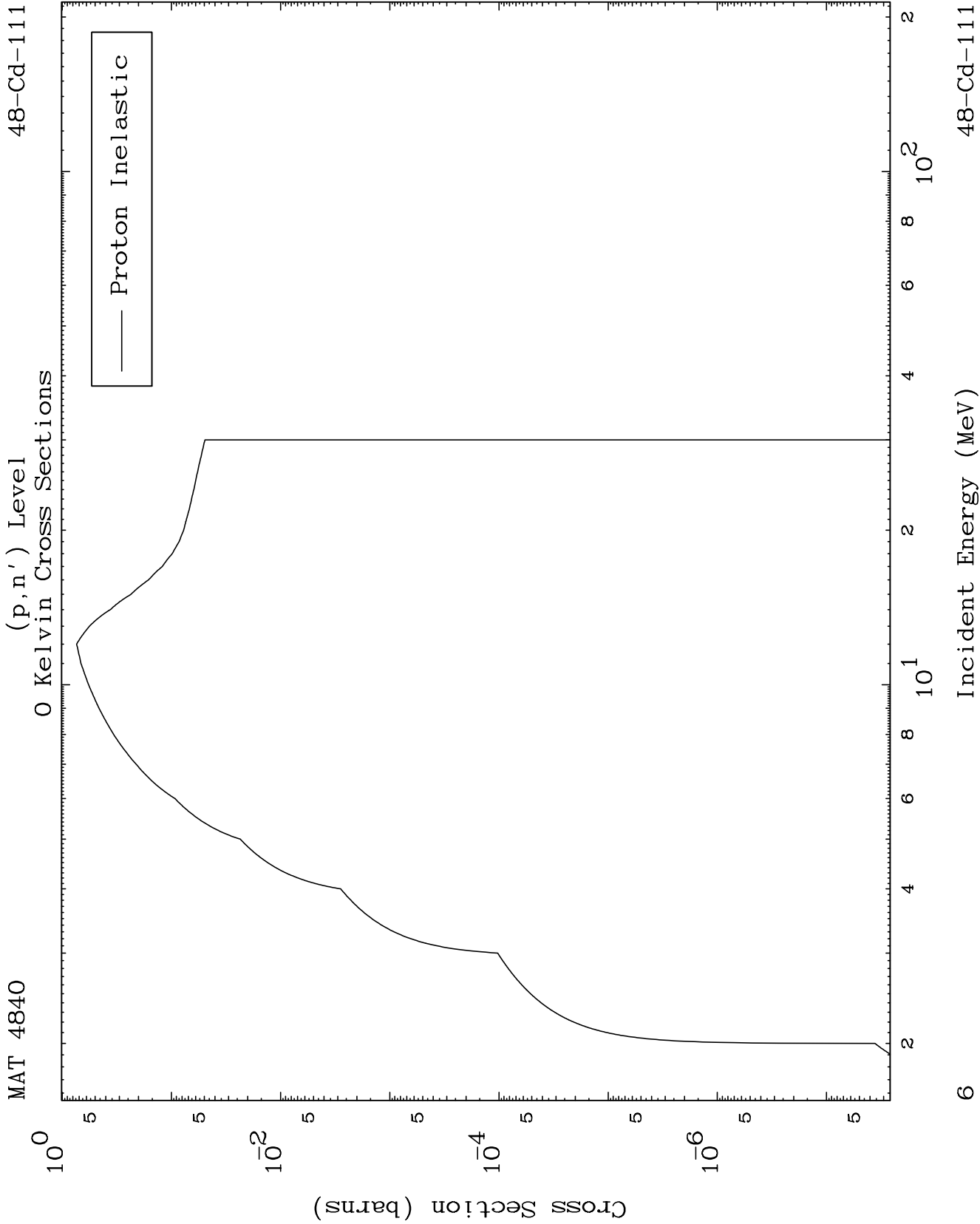


4

Incident Energy (MeV)

48-Cd-111

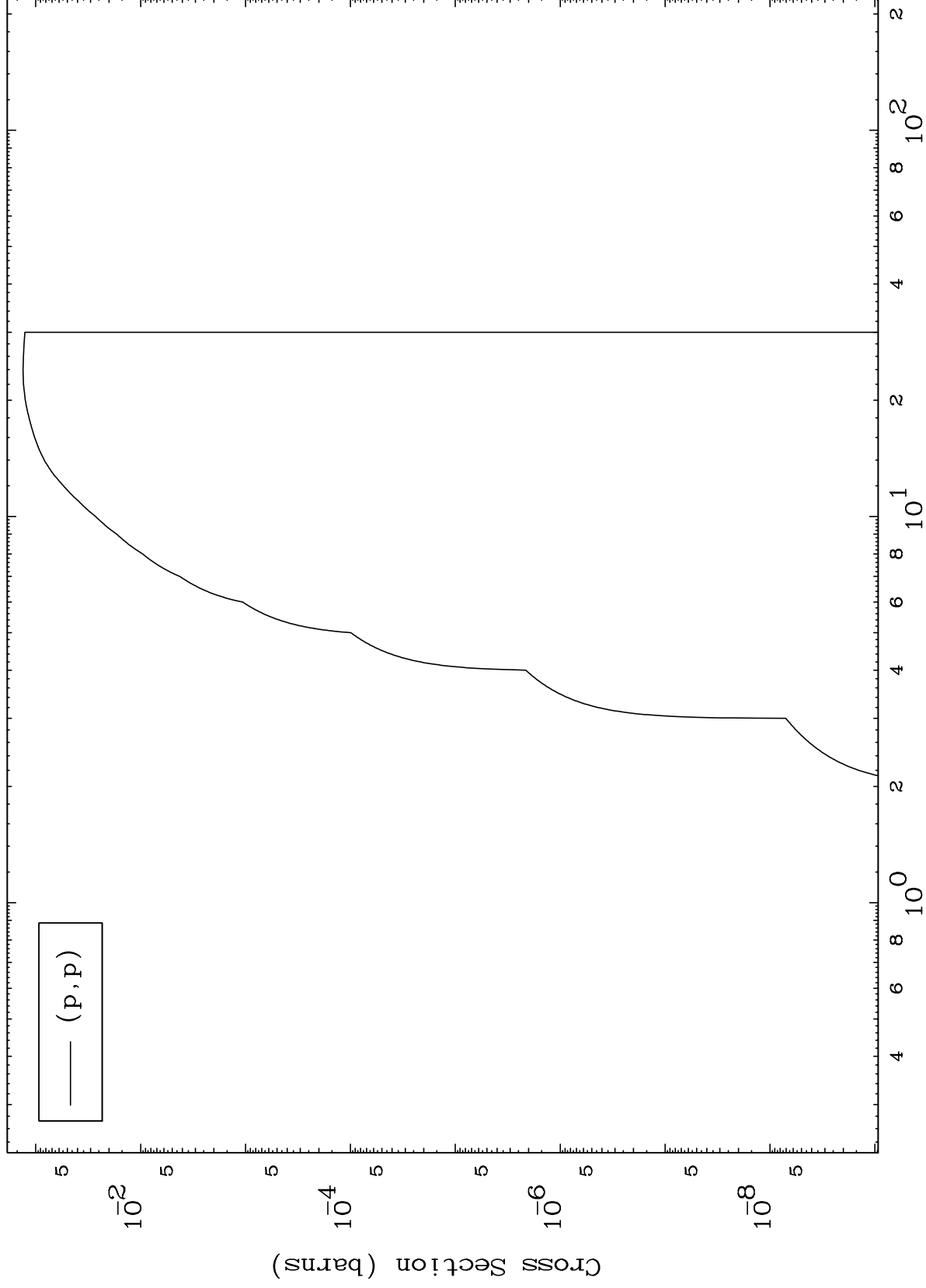




MAT 4840

48-Cd-111

(p,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

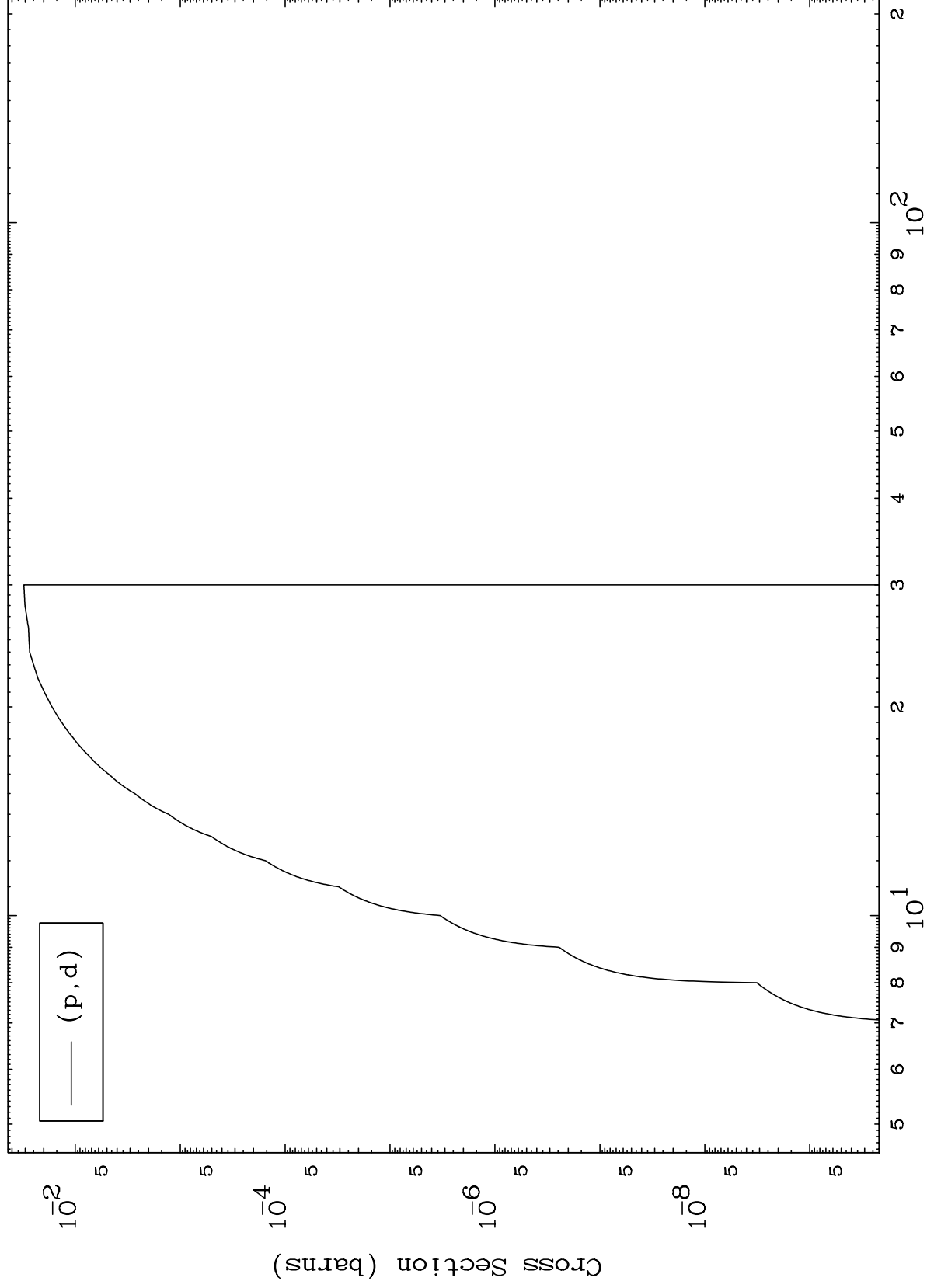
48-Cd-111

MAT 4840

(p,d) Levels

48-Cd-111

0 Kelvin Cross Sections



8

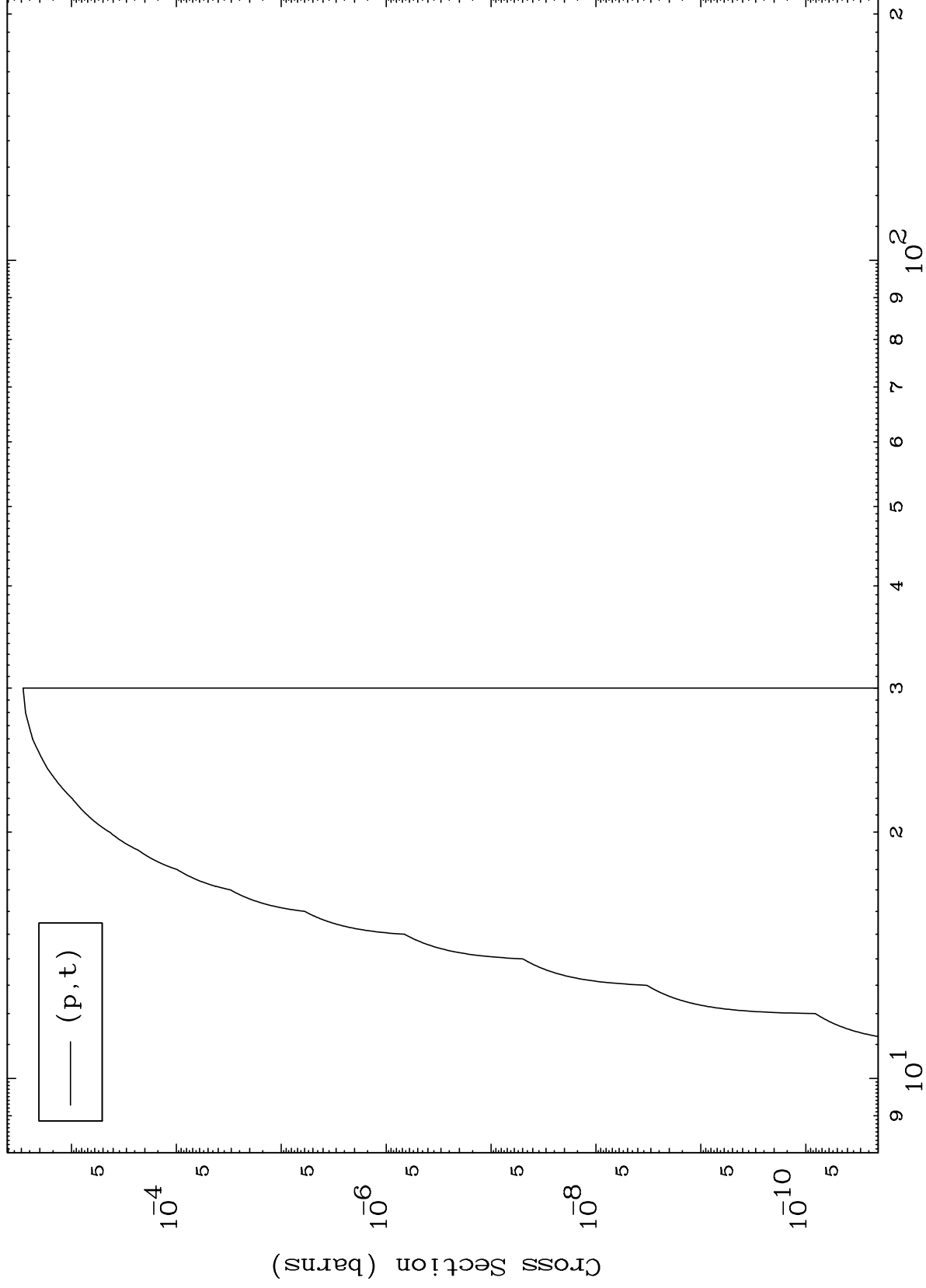
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

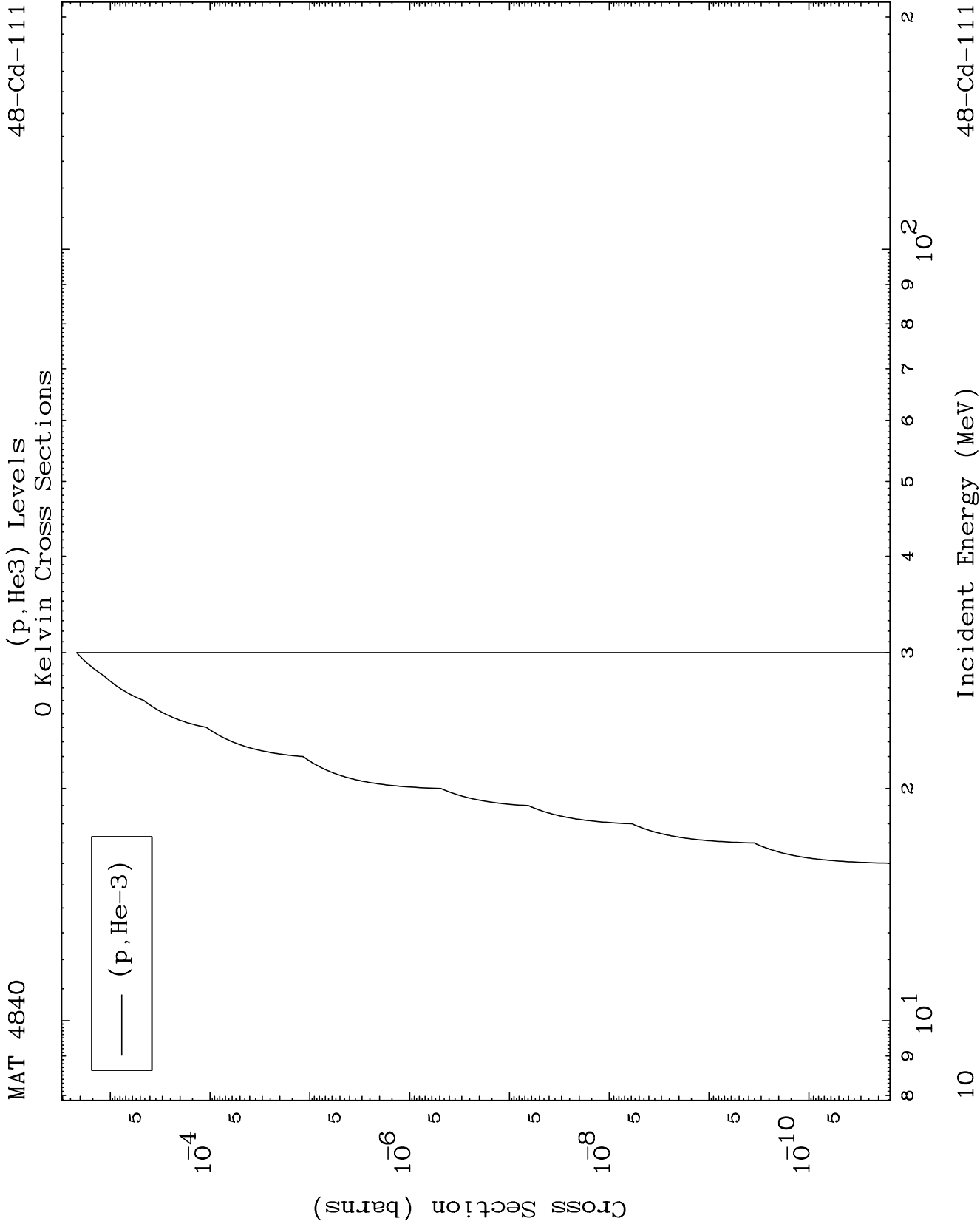
(p,t) Levels
0 Kelvin Cross Sections

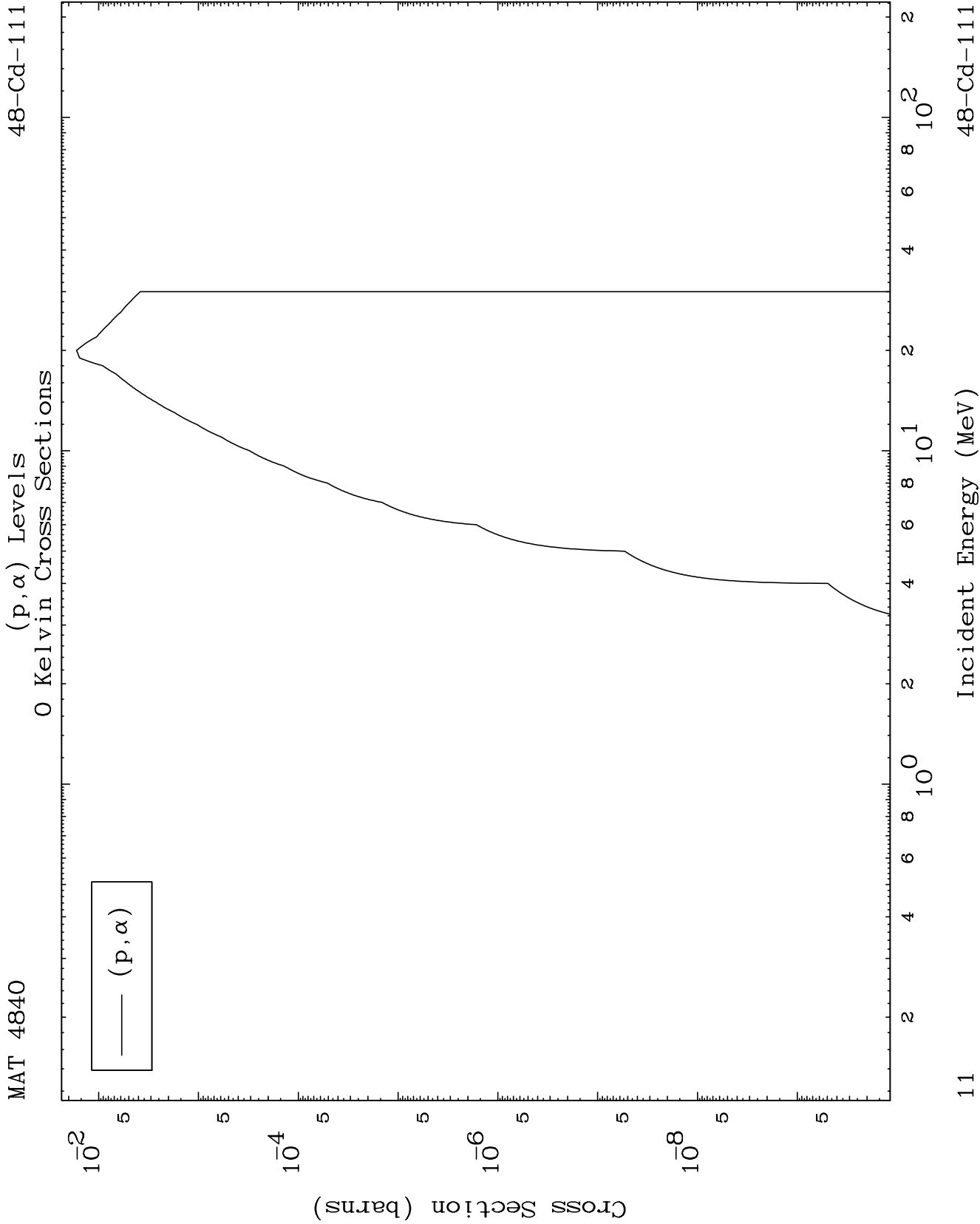


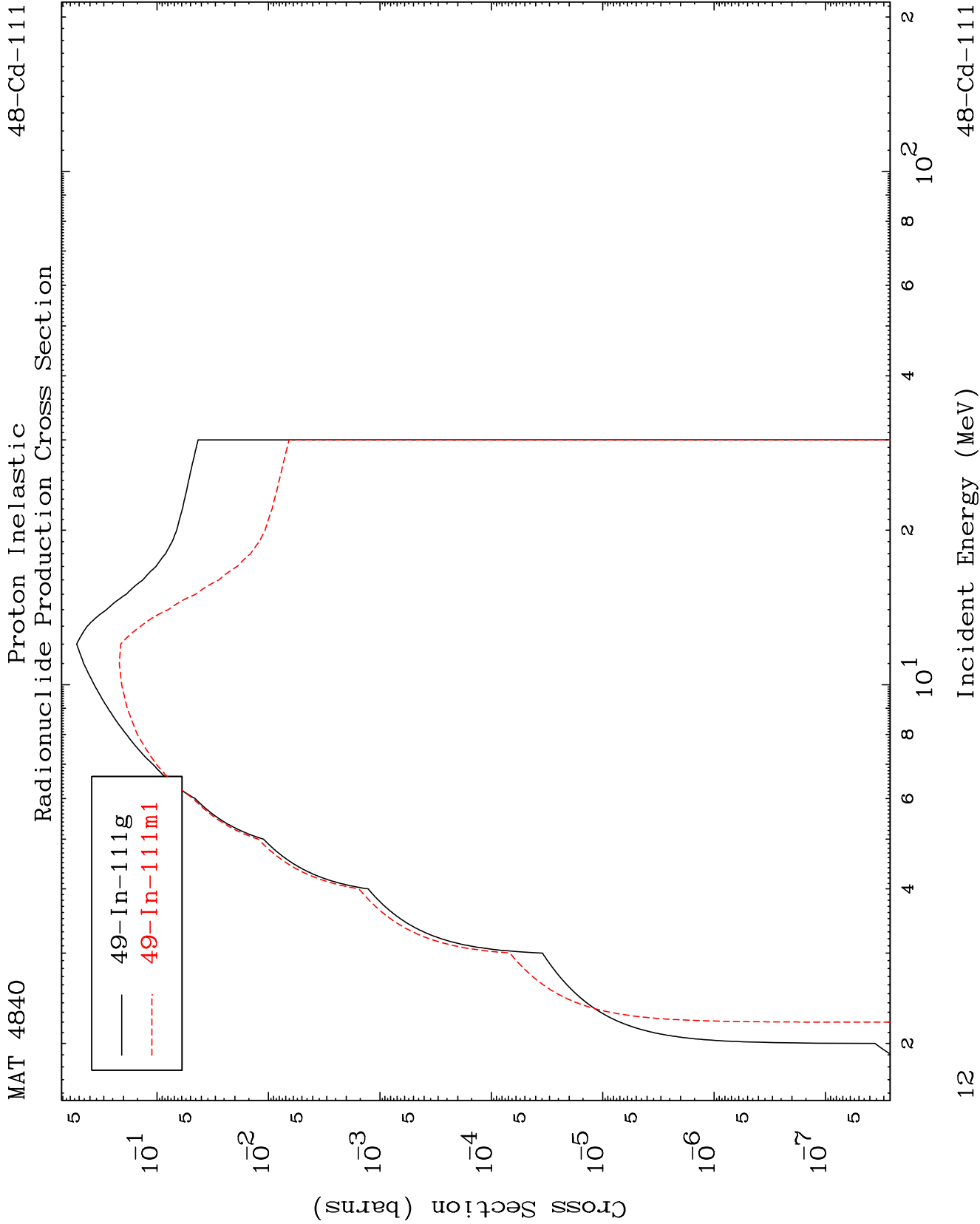
48-Cd-111

Incident Energy (MeV)

9



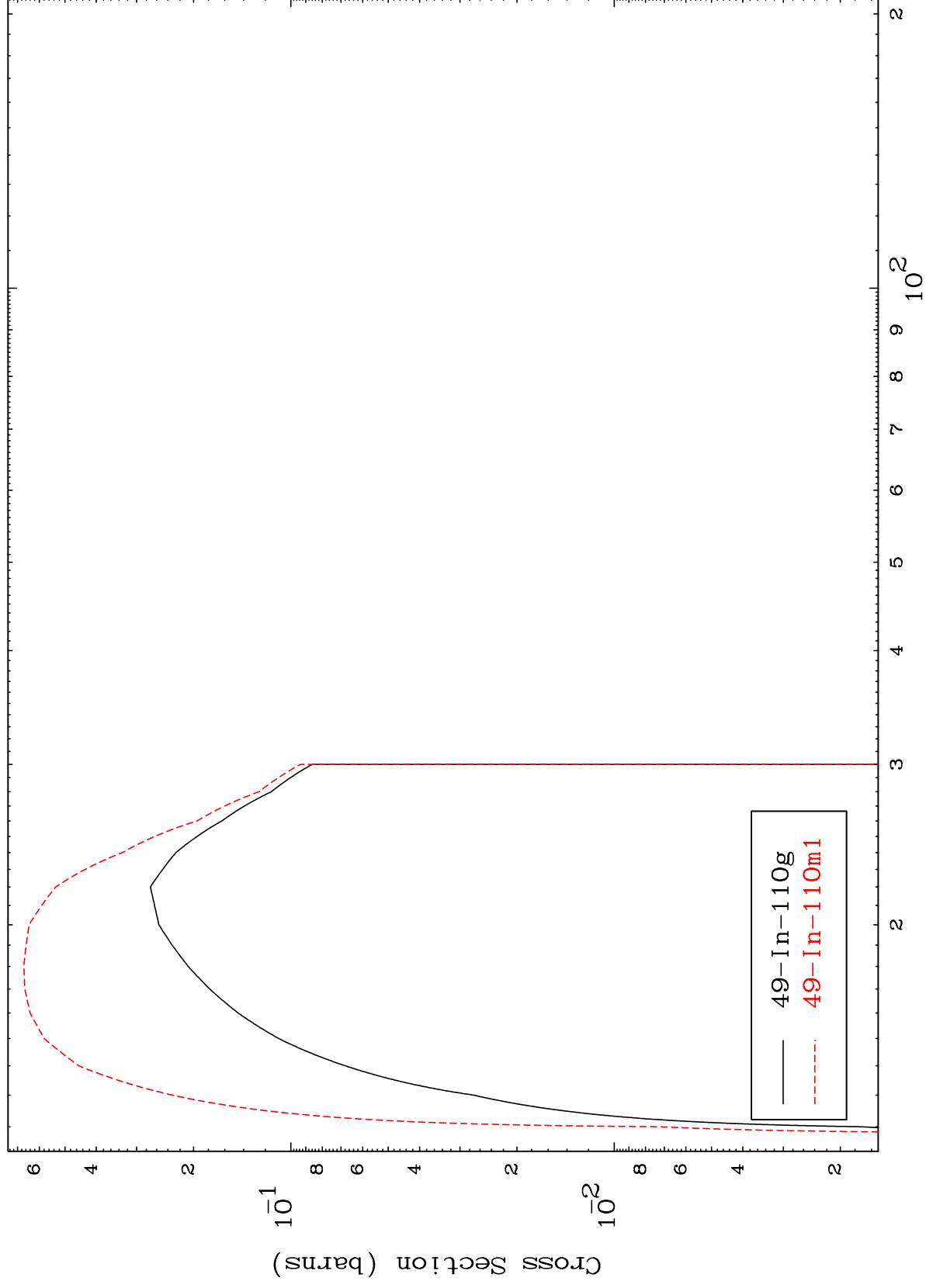




MAT 4840

48-Cd-111

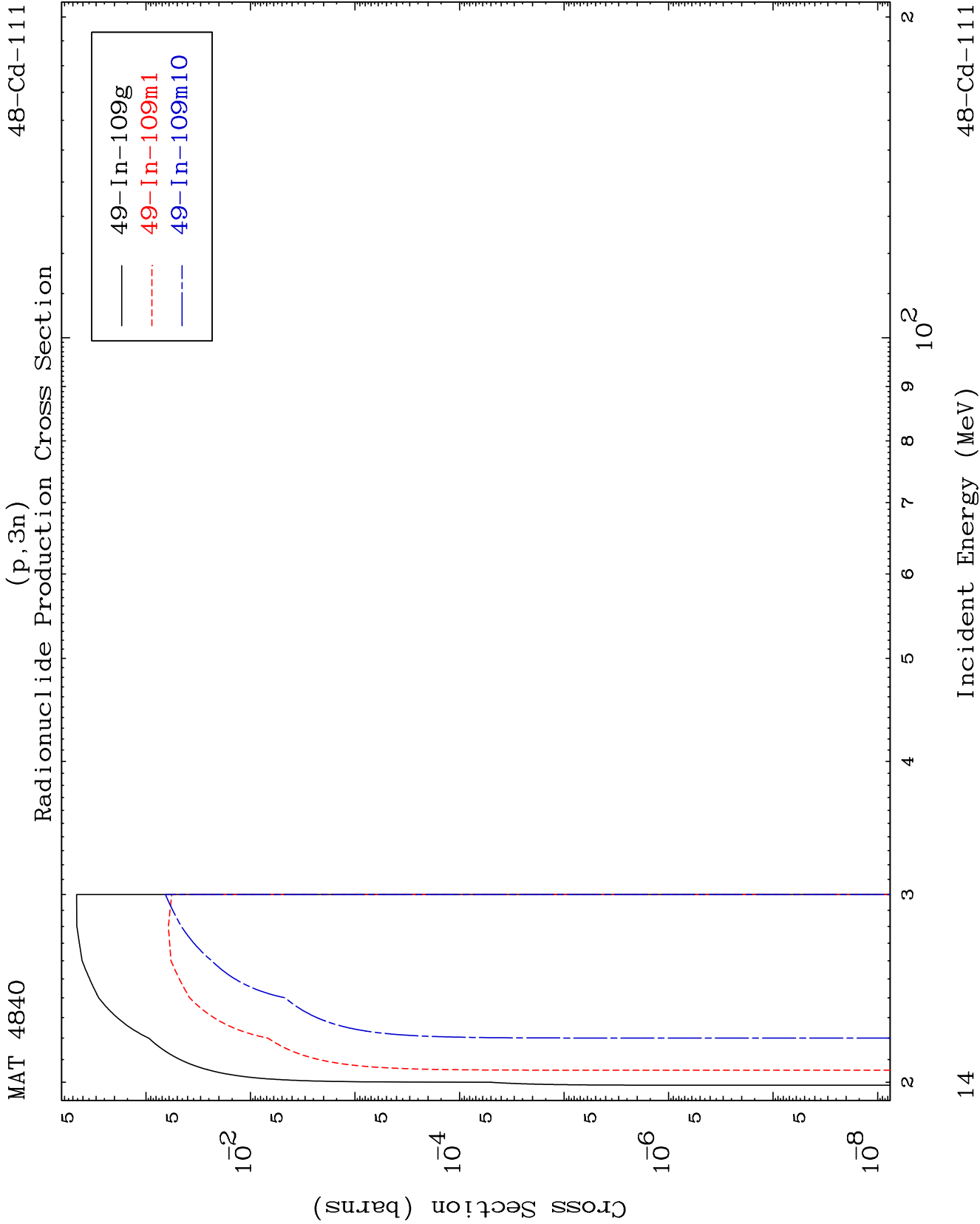
(p,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

48-Cd-111

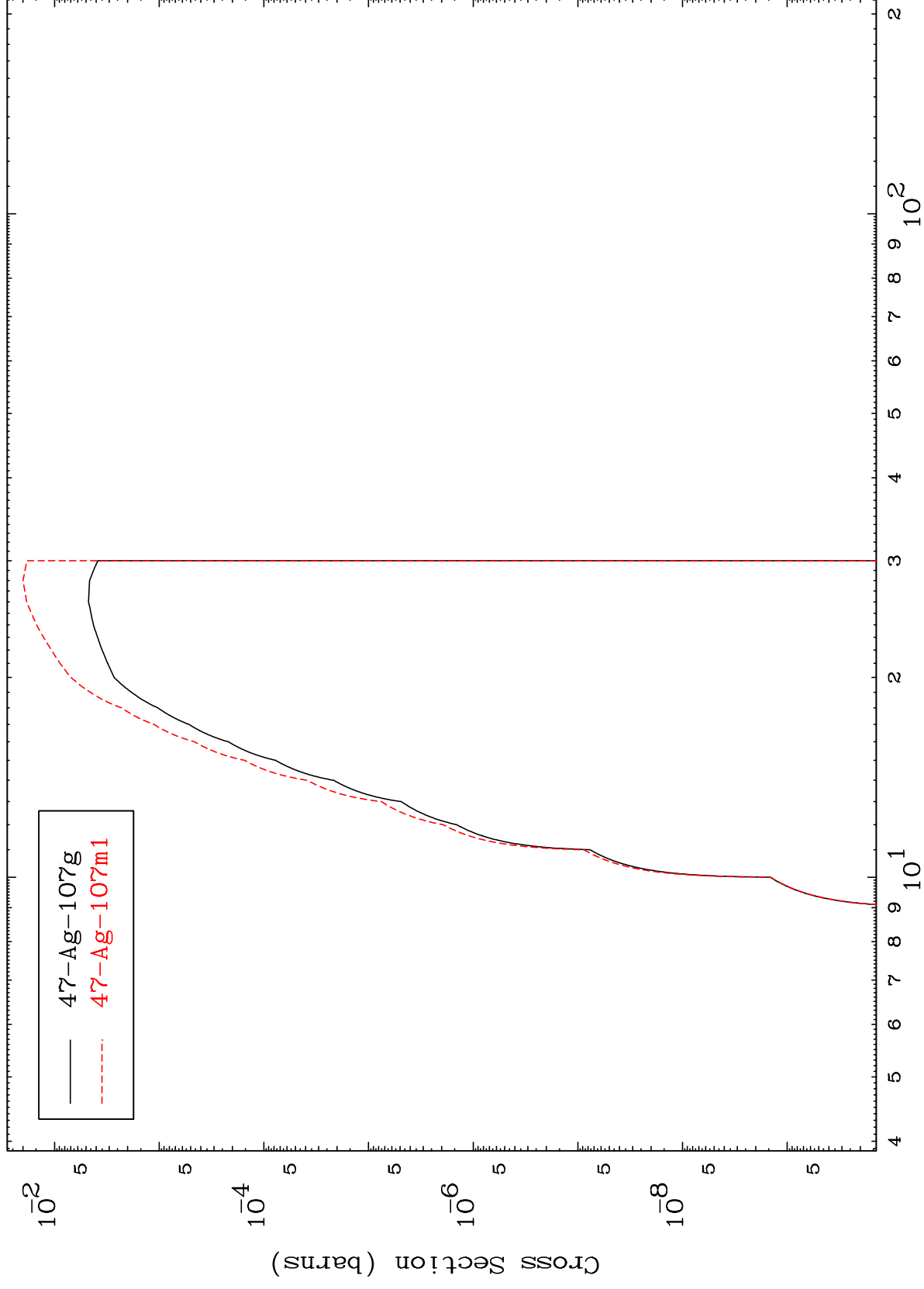


MAT 4840

48-Cd-111

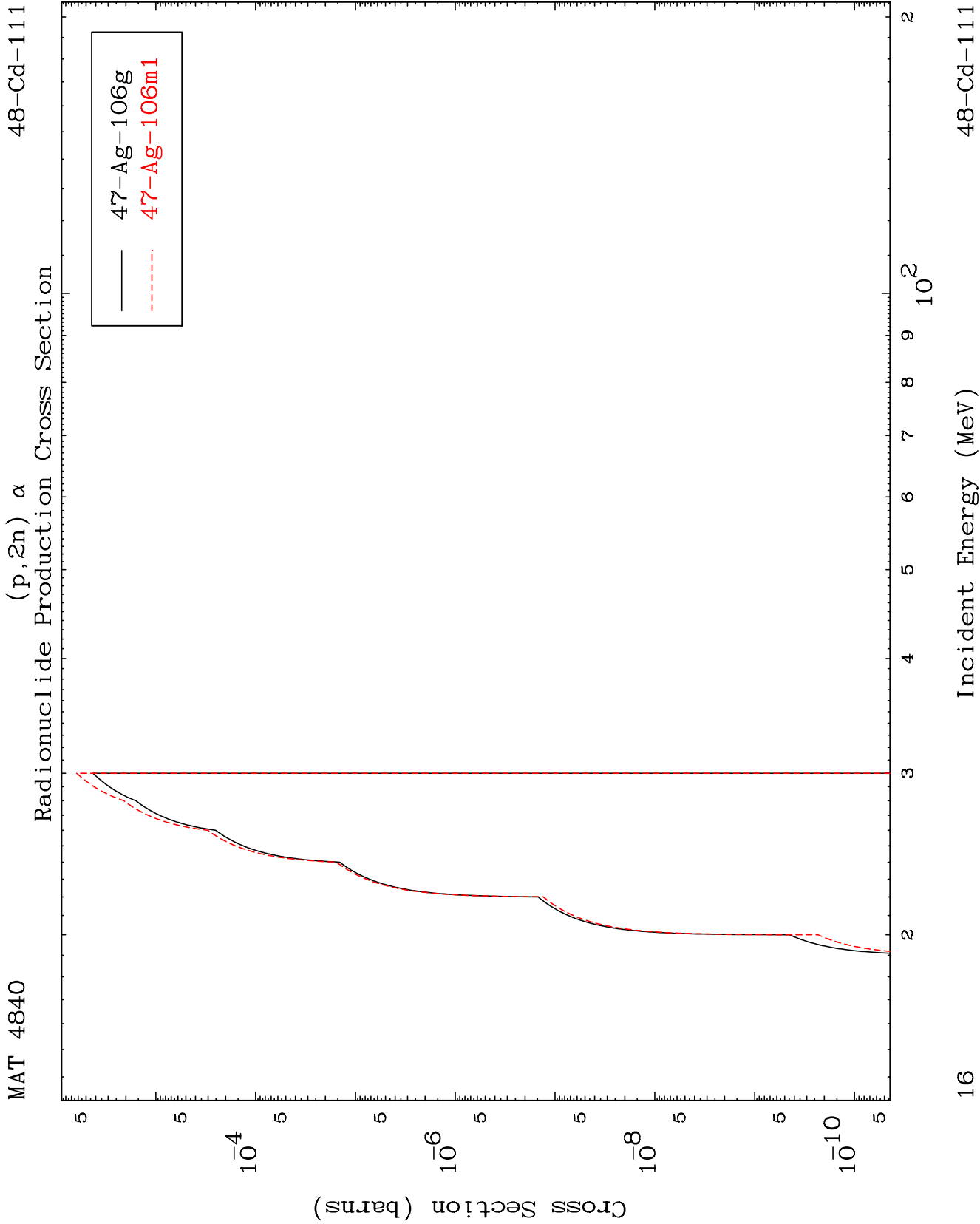
$$(p, n') \propto$$

Radionuclide Production Cross Section



48-Cd-111

Incident Energy (MeV)

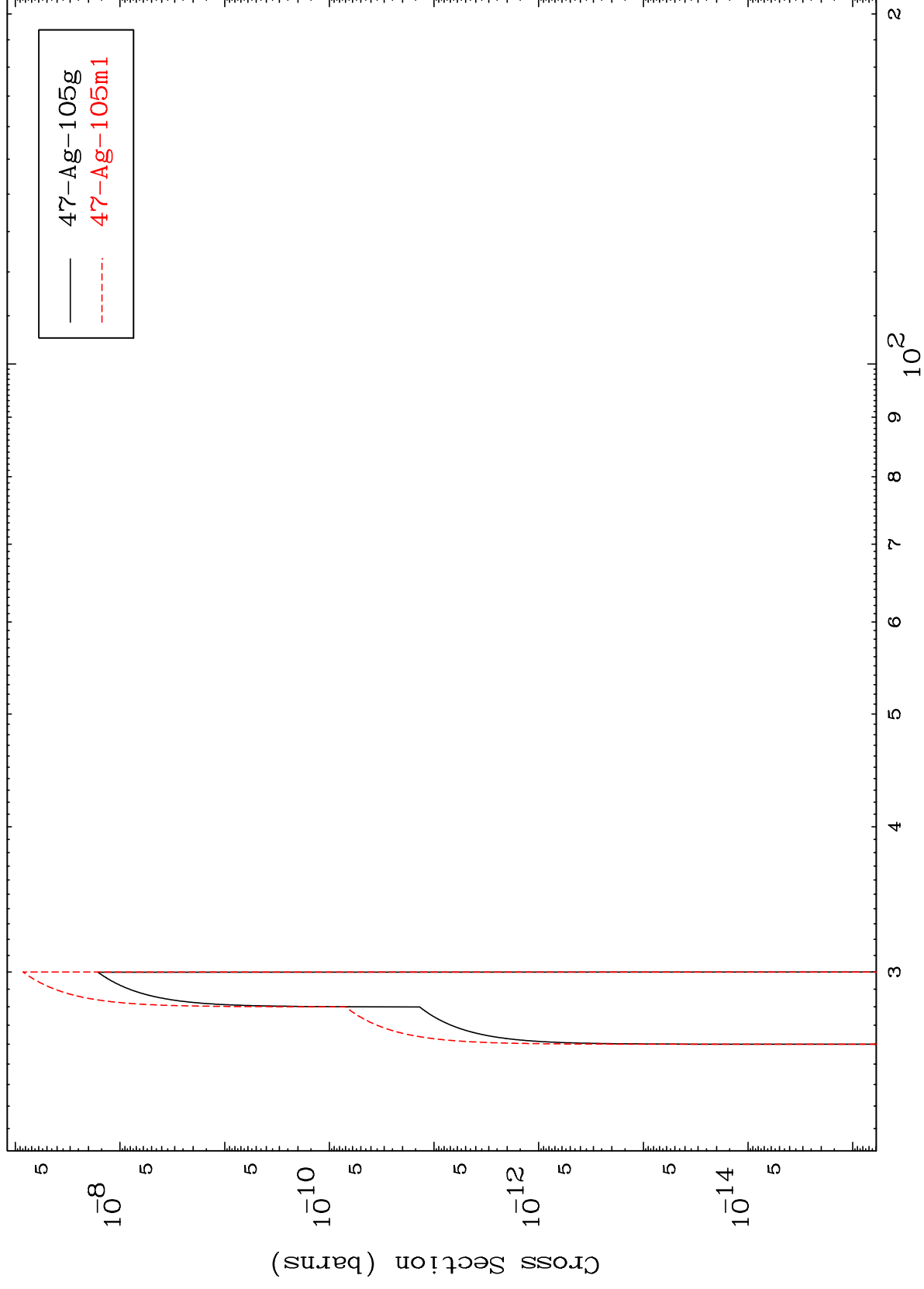


MAT 4840

48-Cd-111

$$(p, 3n) \propto$$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

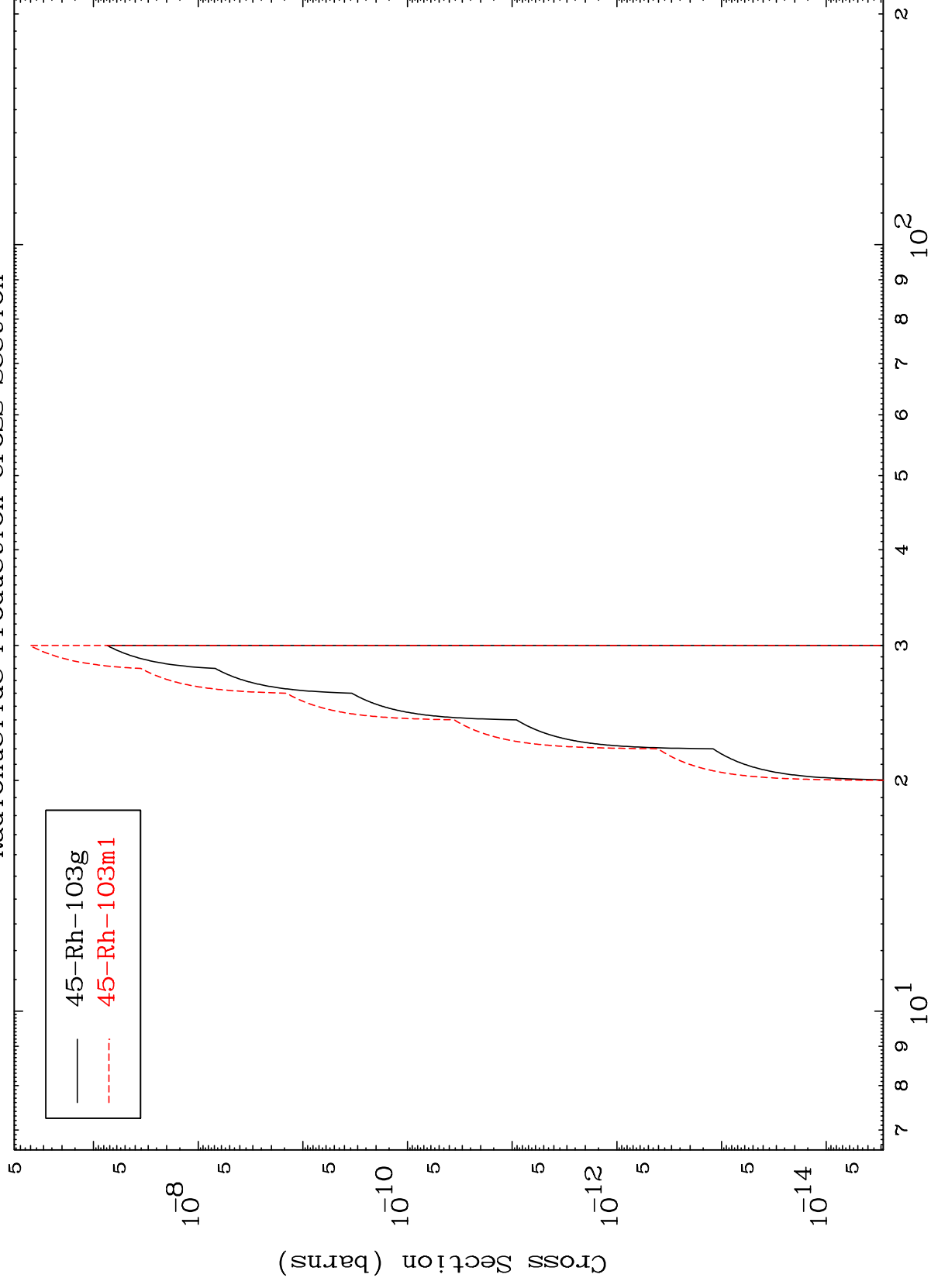
48-Cd-111

MAT 4840

 $(p, n') \quad 2\alpha$

48-Cd-111

Radionuclide Production Cross Section



18

Incident Energy (MeV)

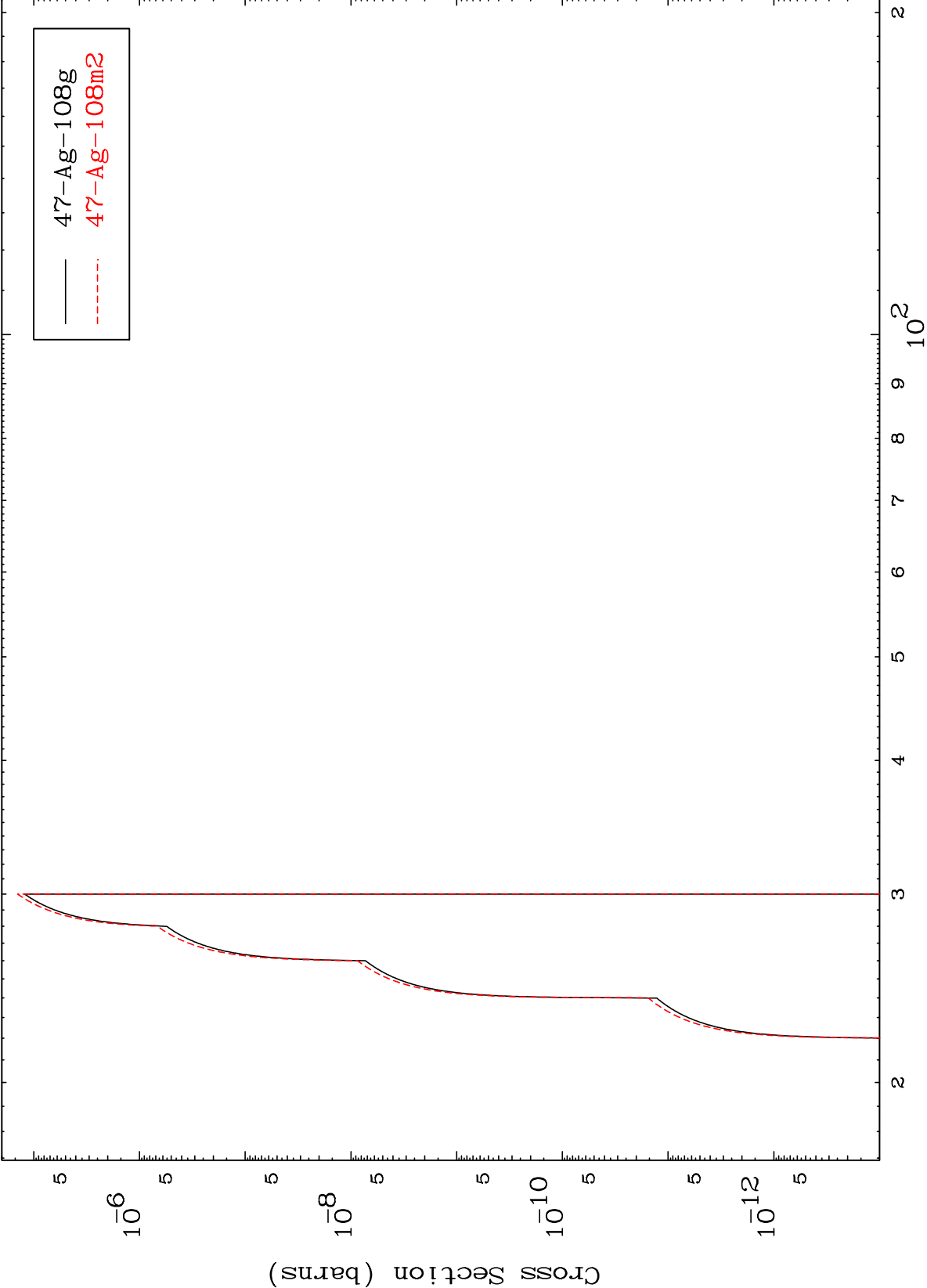
48-Cd-111

MAT 4840

(p,n') He-3

48-Cd-111

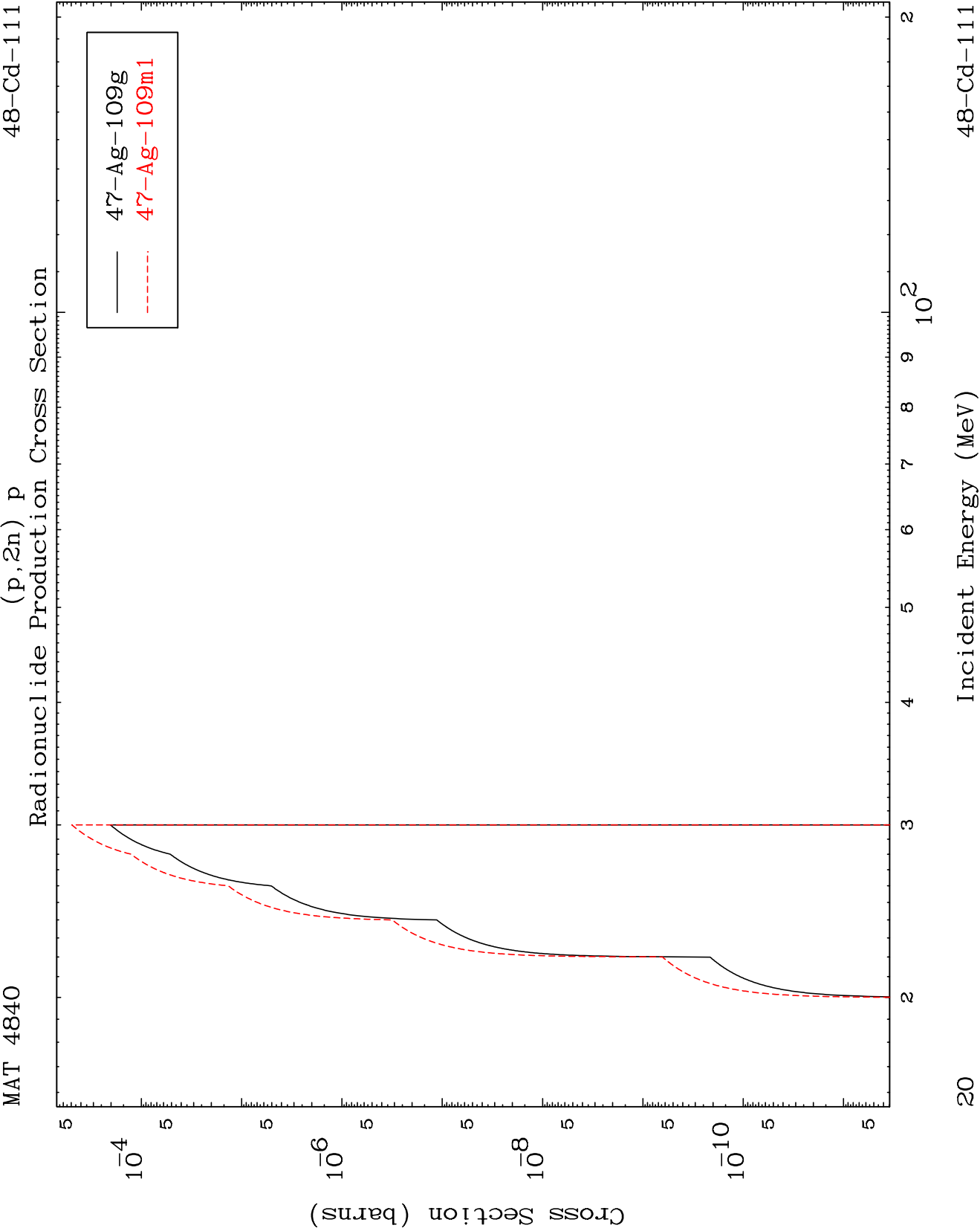
Radionuclide Production Cross Section



19

Incident Energy (MeV)

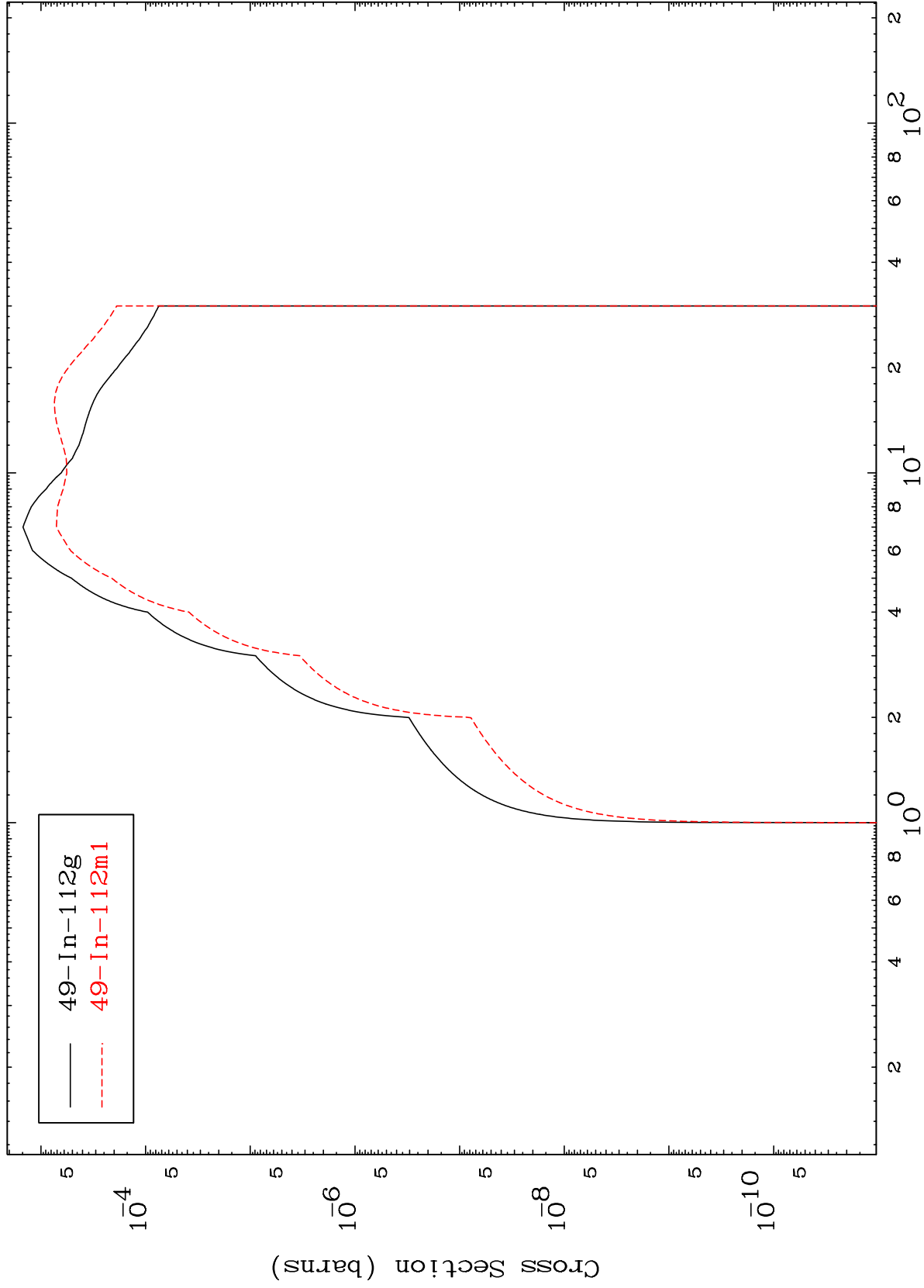
48-Cd-111



MAT 4840

48-Cd-111

(p, γ)
Radionuclide Production Cross Section

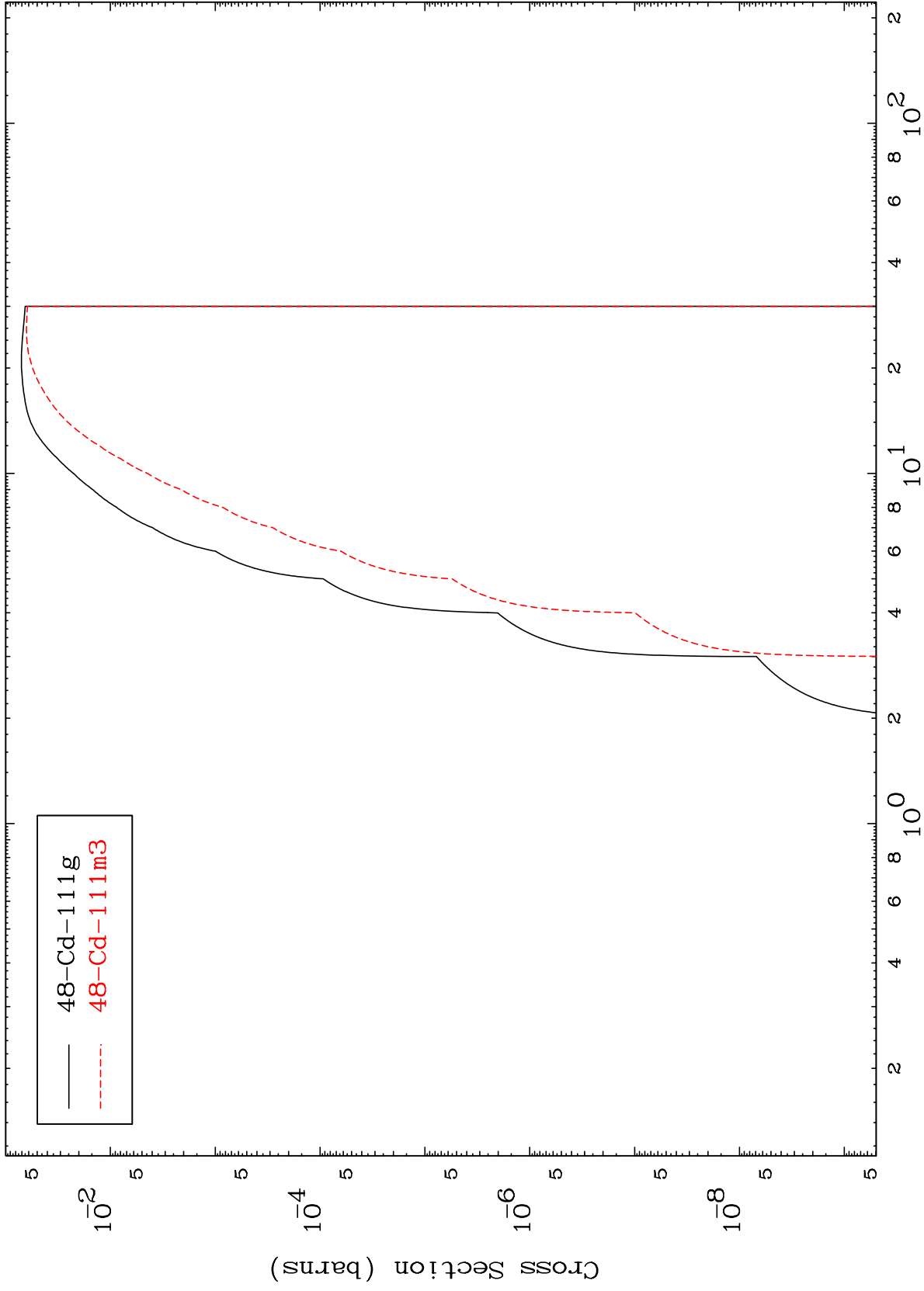


21

Incident Energy (MeV)

48-Cd-111

Radionuclide Production Cross Section (p,p)

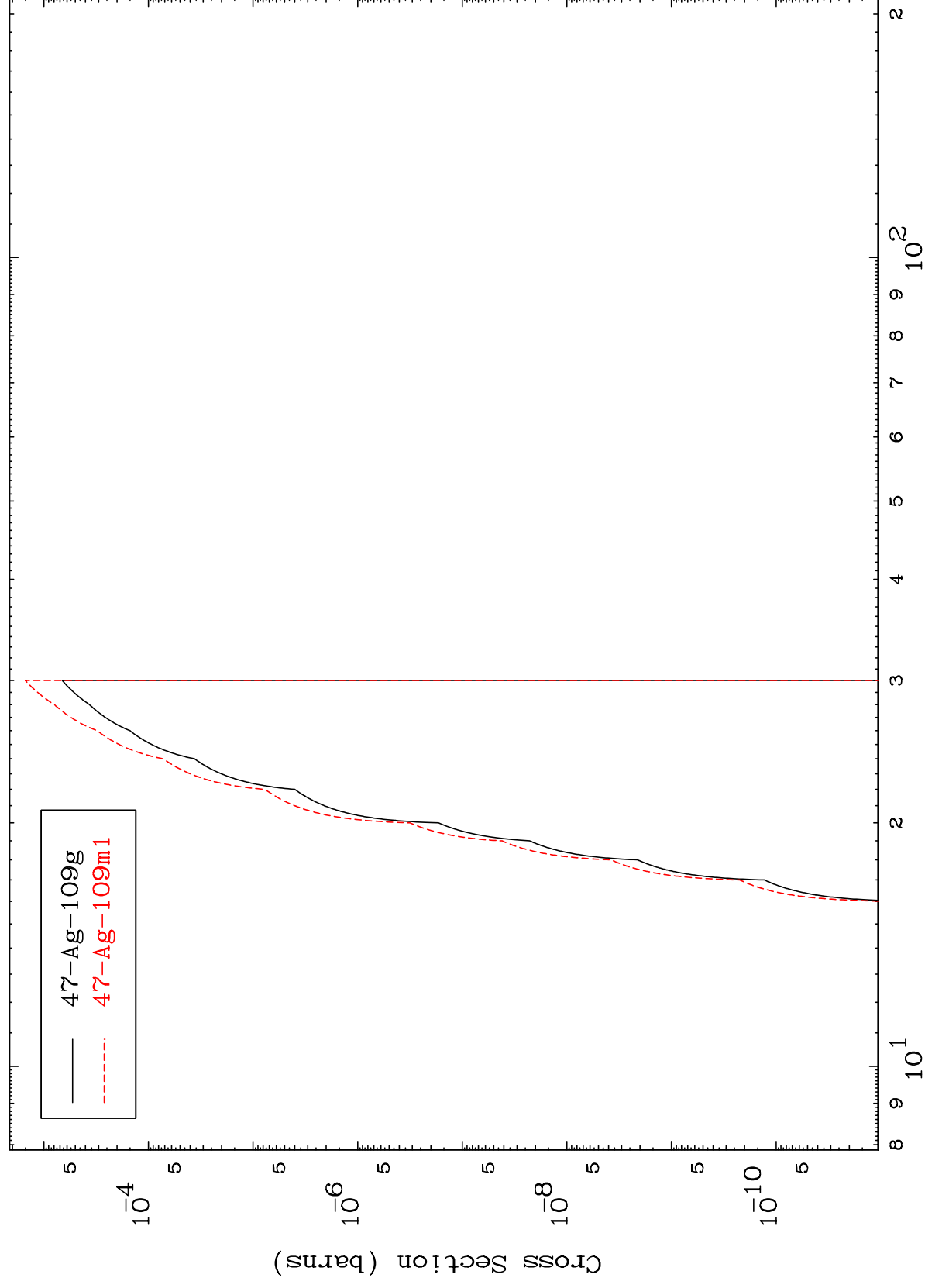


MAT 4840

48-Cd-111

(p, He-3)
Radionuclide Production Cross Section

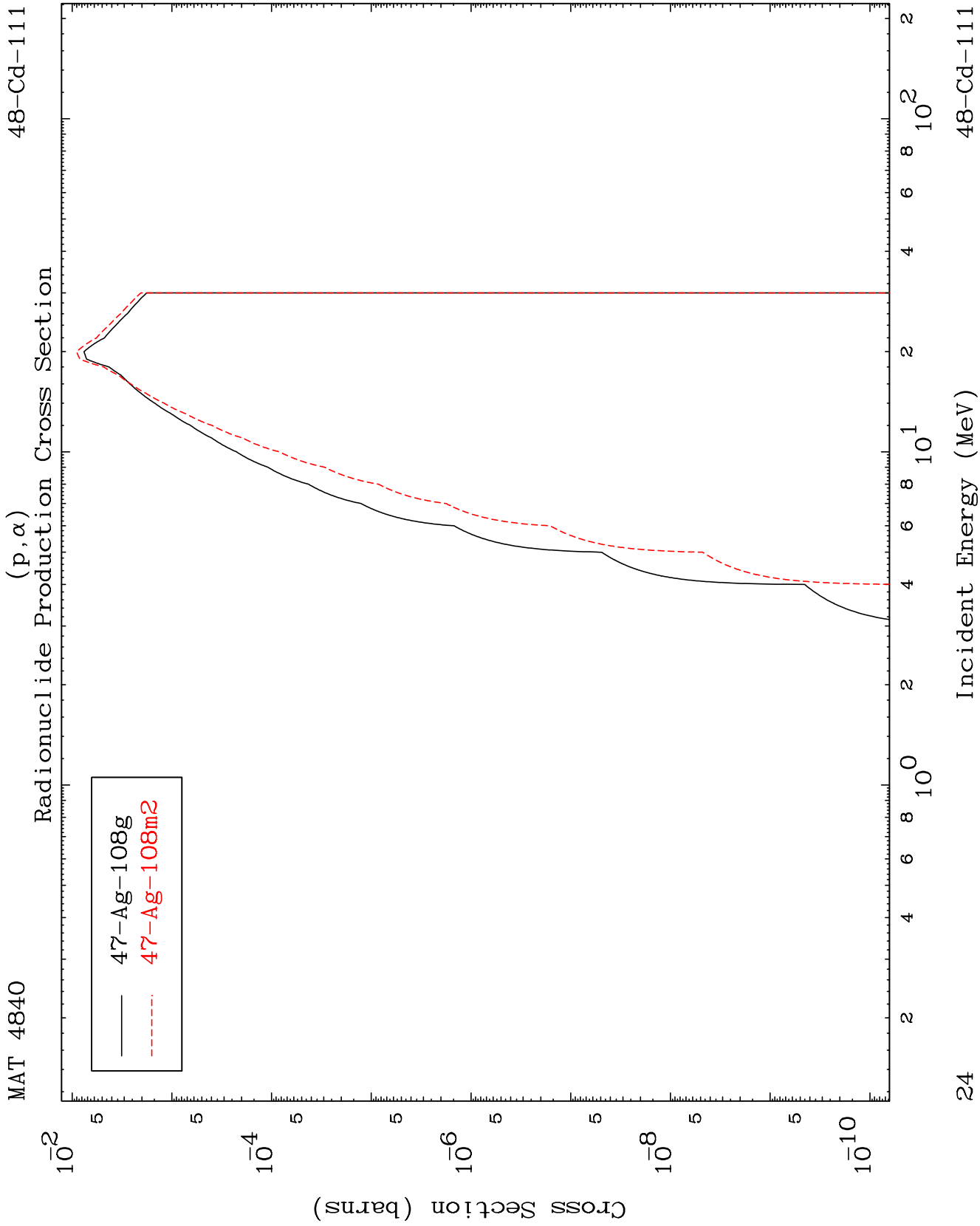
(p, He-3)



32

Incident Energy (MeV)

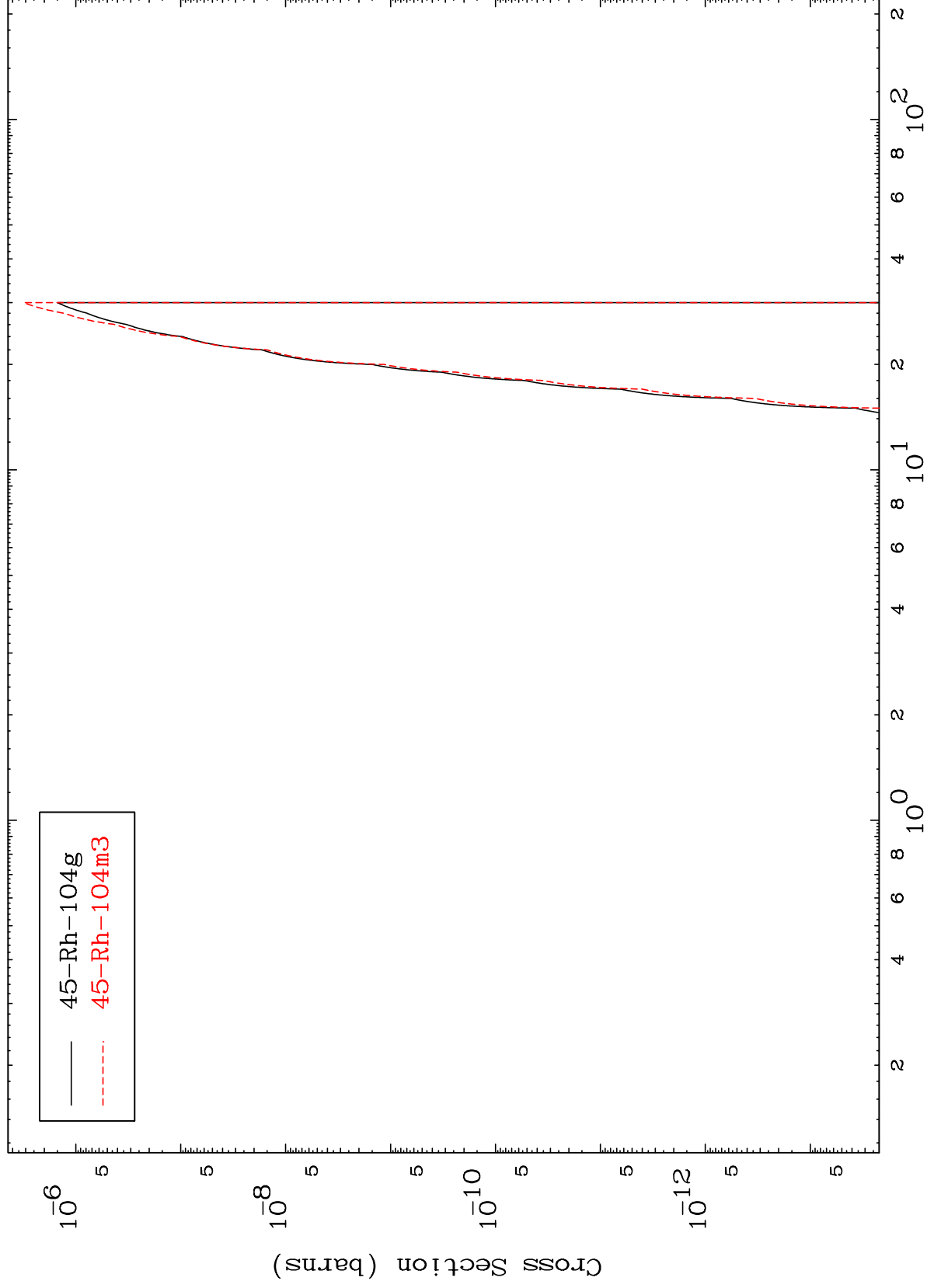
48-Cd-111



MAT 4840

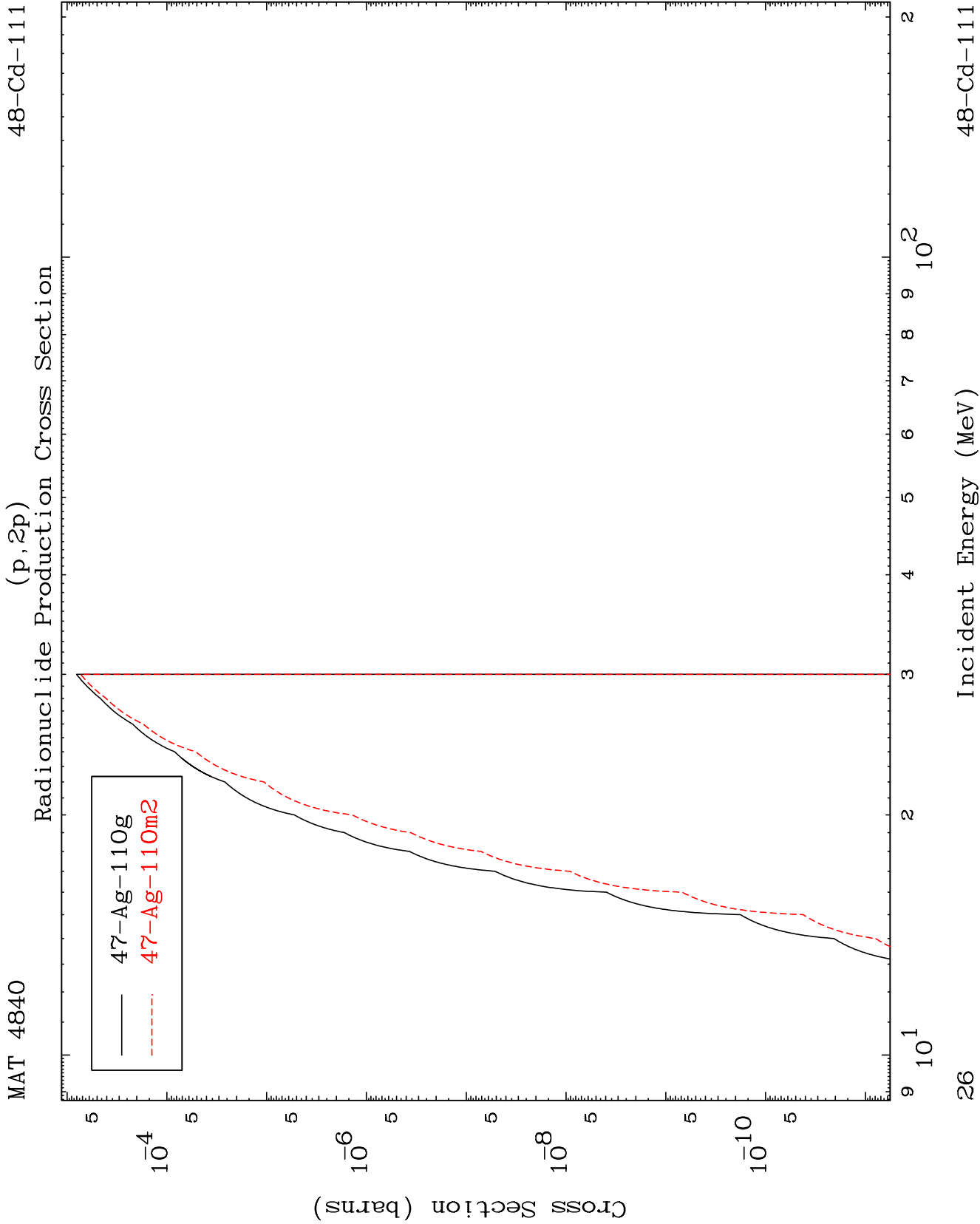
48-Cd-111

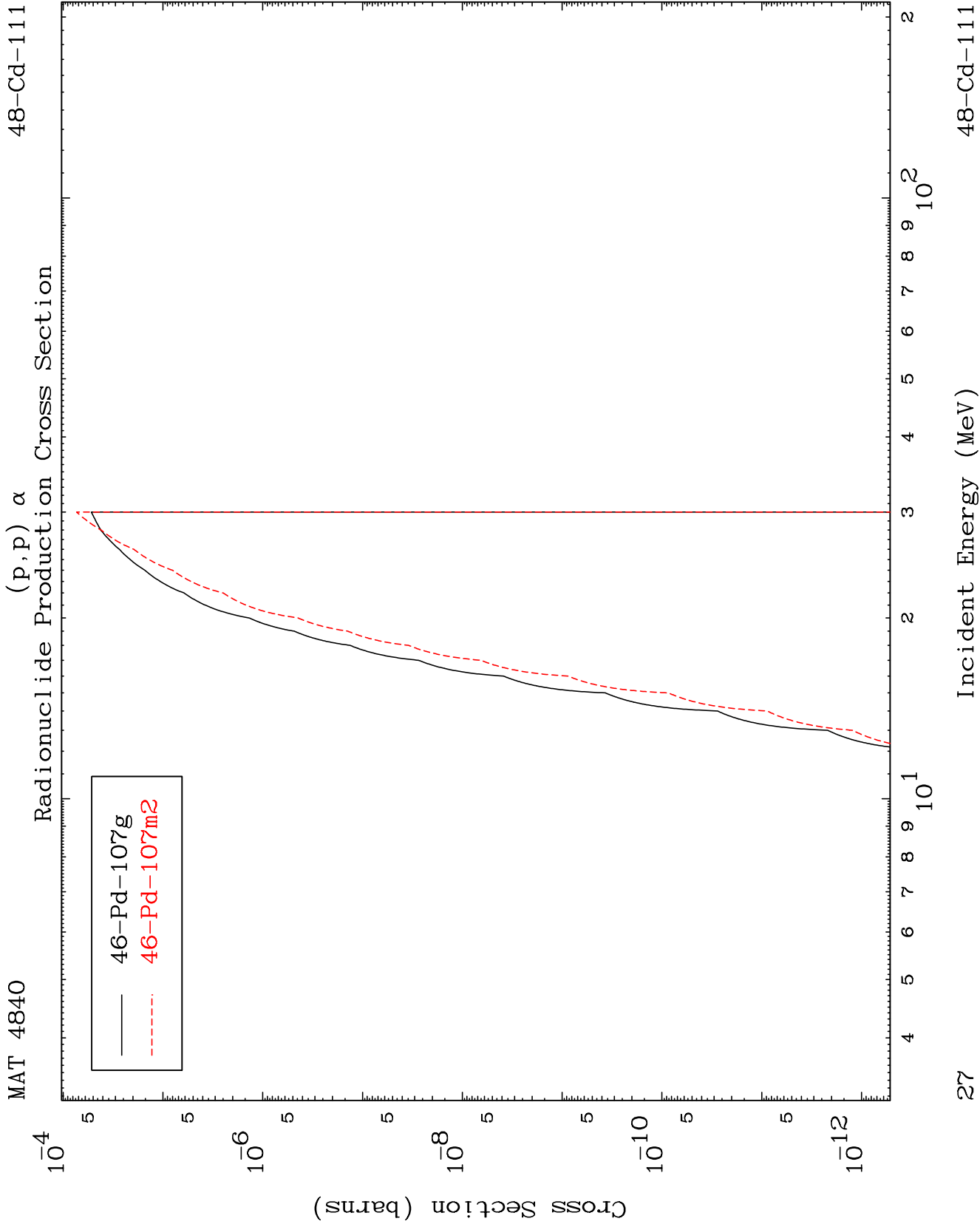
Radionuclide Production Cross Section
(p,2 α)



25

48-Cd-111



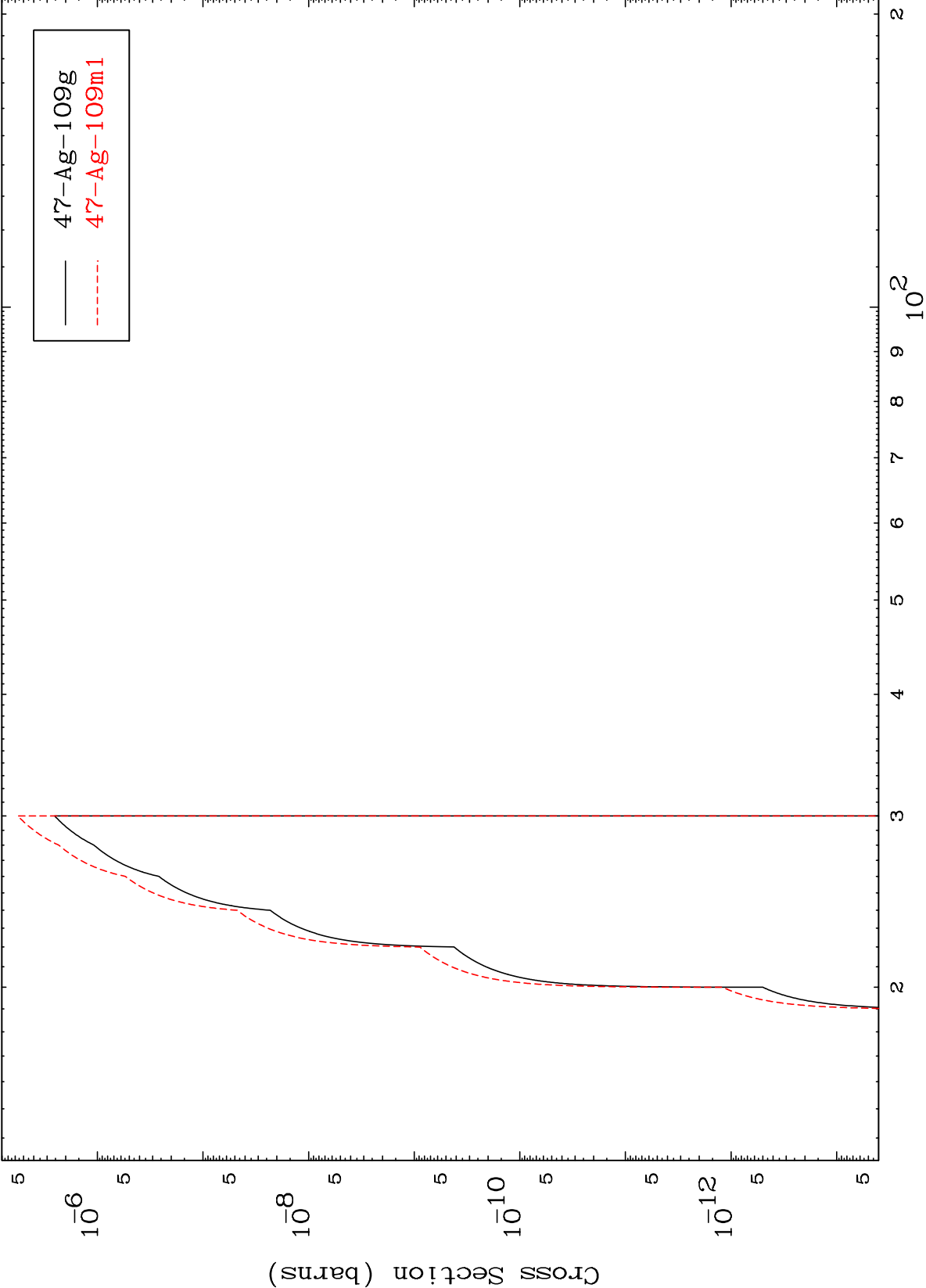


MAT 4840

(p,p) d

48-Cd-111

Radionuclide Production Cross Section



28

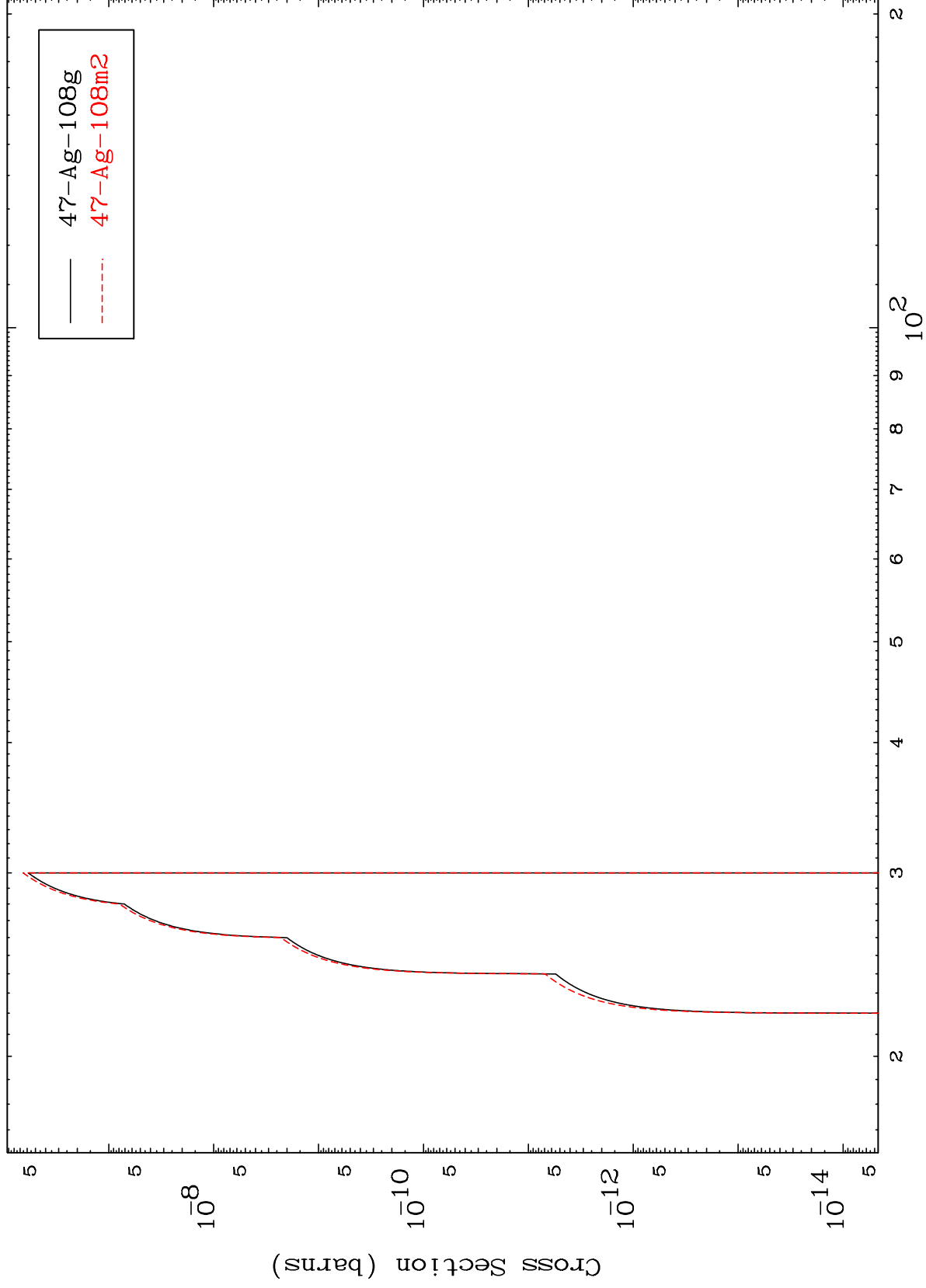
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

(p,p) t
Radionuclide Production Cross Section



29

Incident Energy (MeV)

48-Cd-111