

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](mailto:redcullen1@comcast.net)

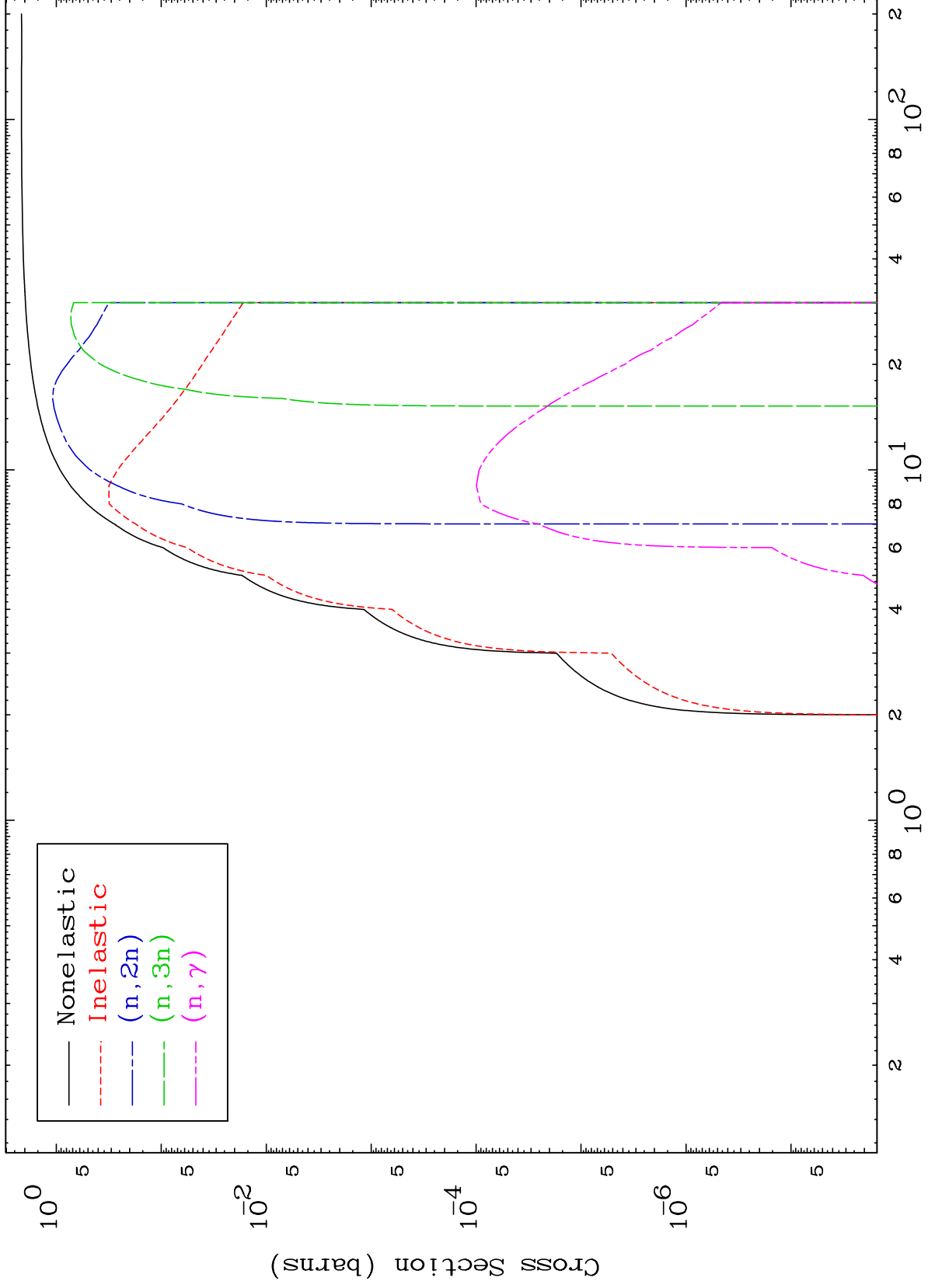
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4837

Deuteron Major  
0 Kelvin Cross Sections

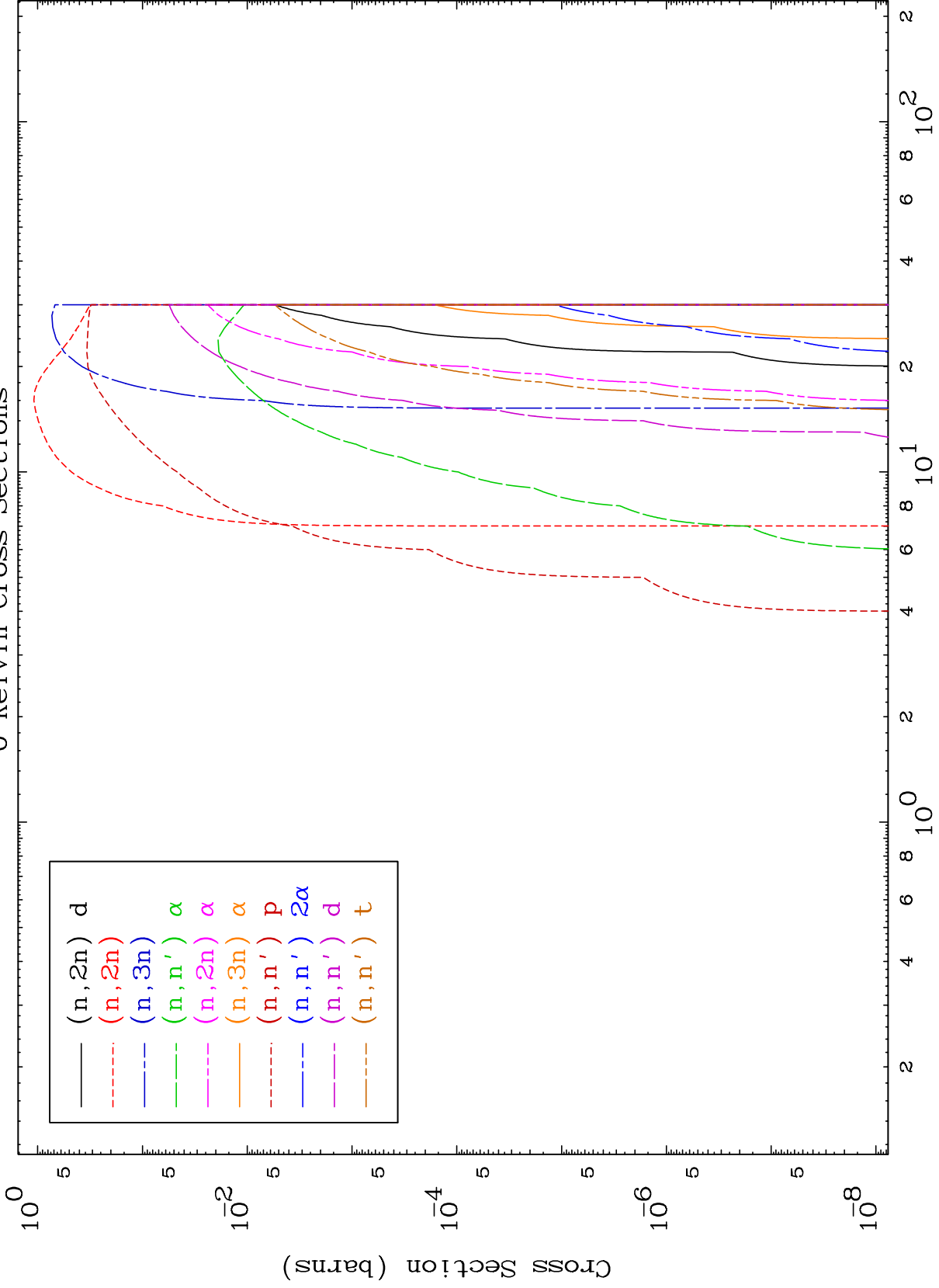
48-Cd-110

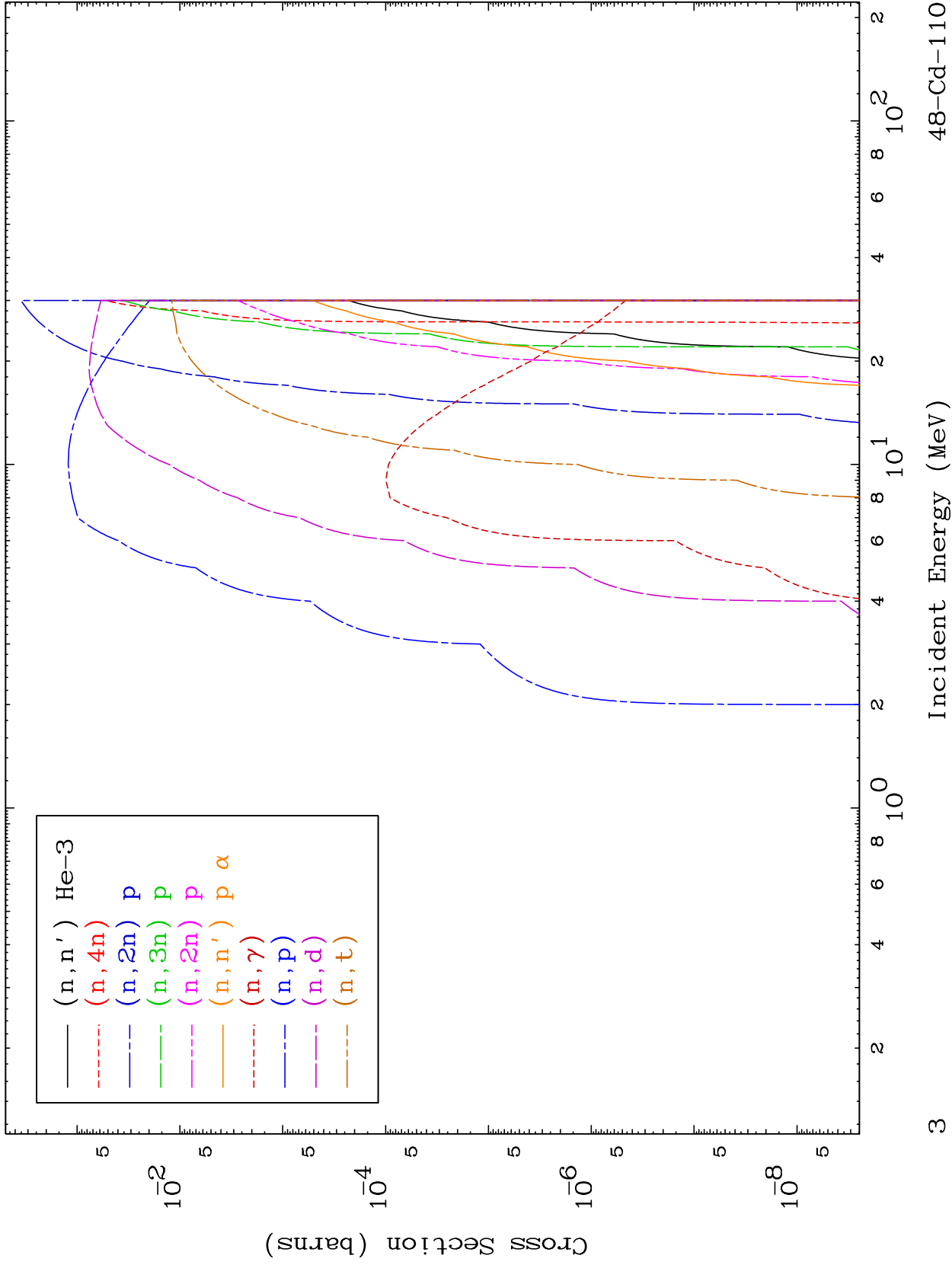


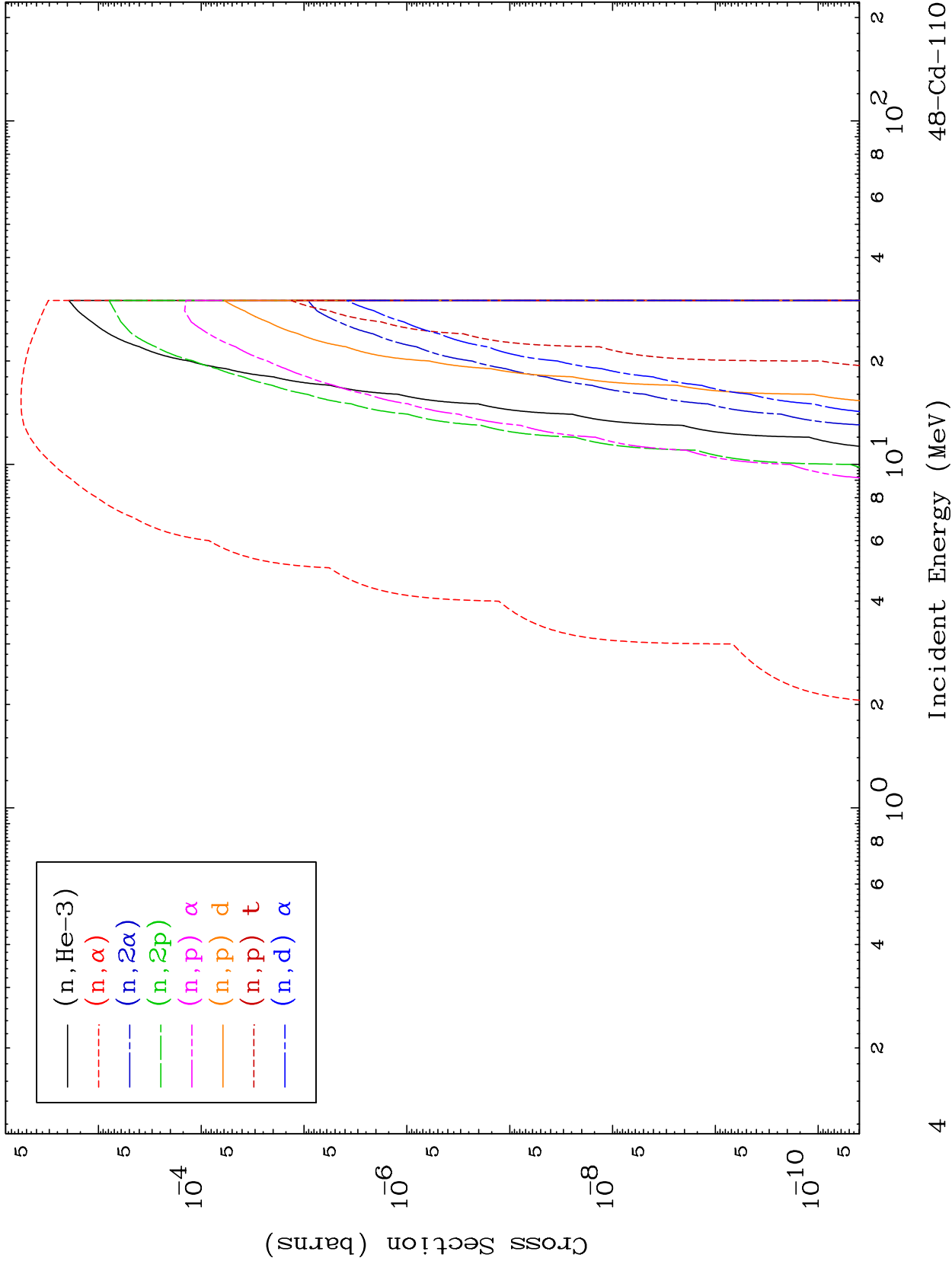
MAT 4837

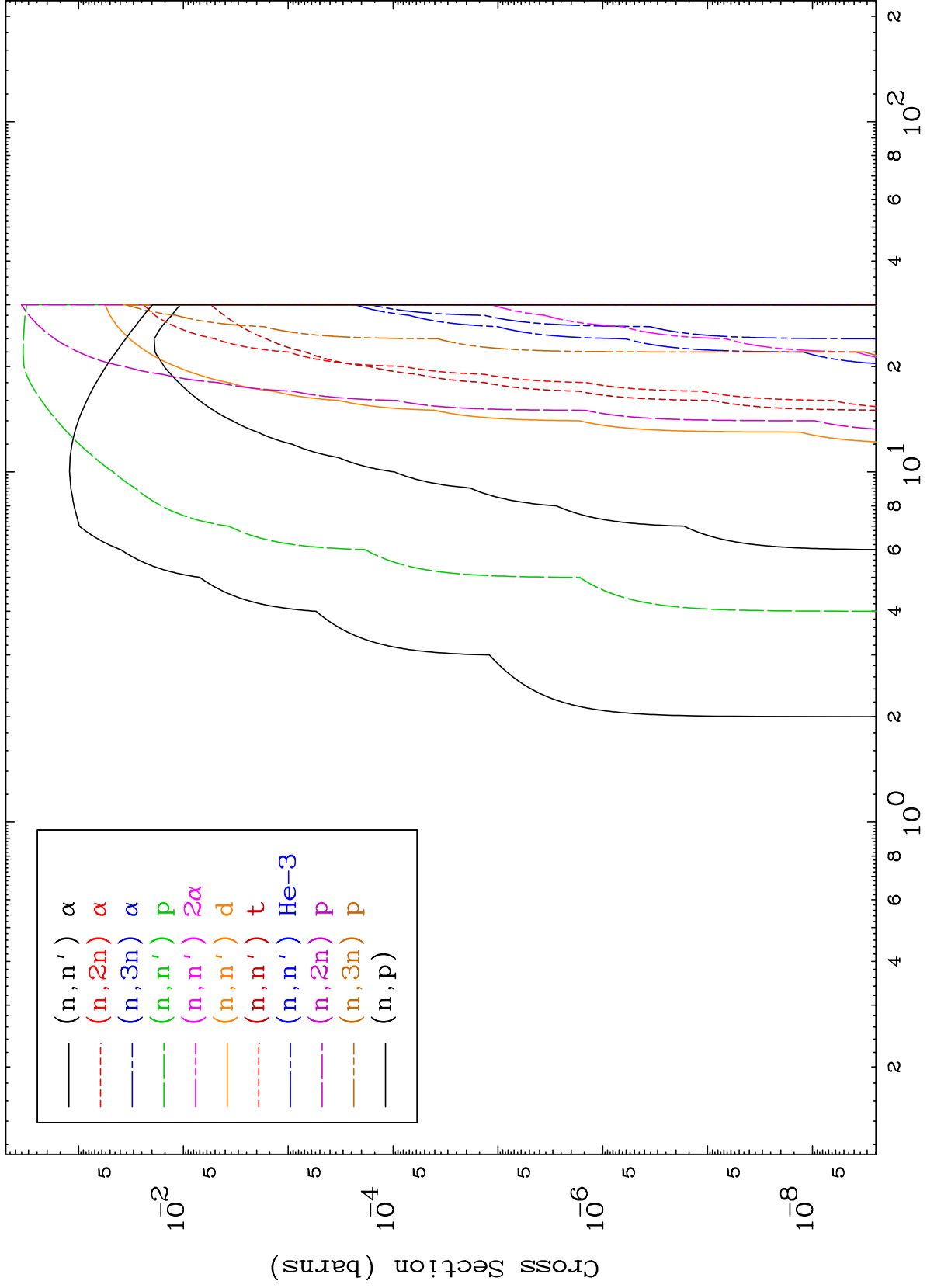
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

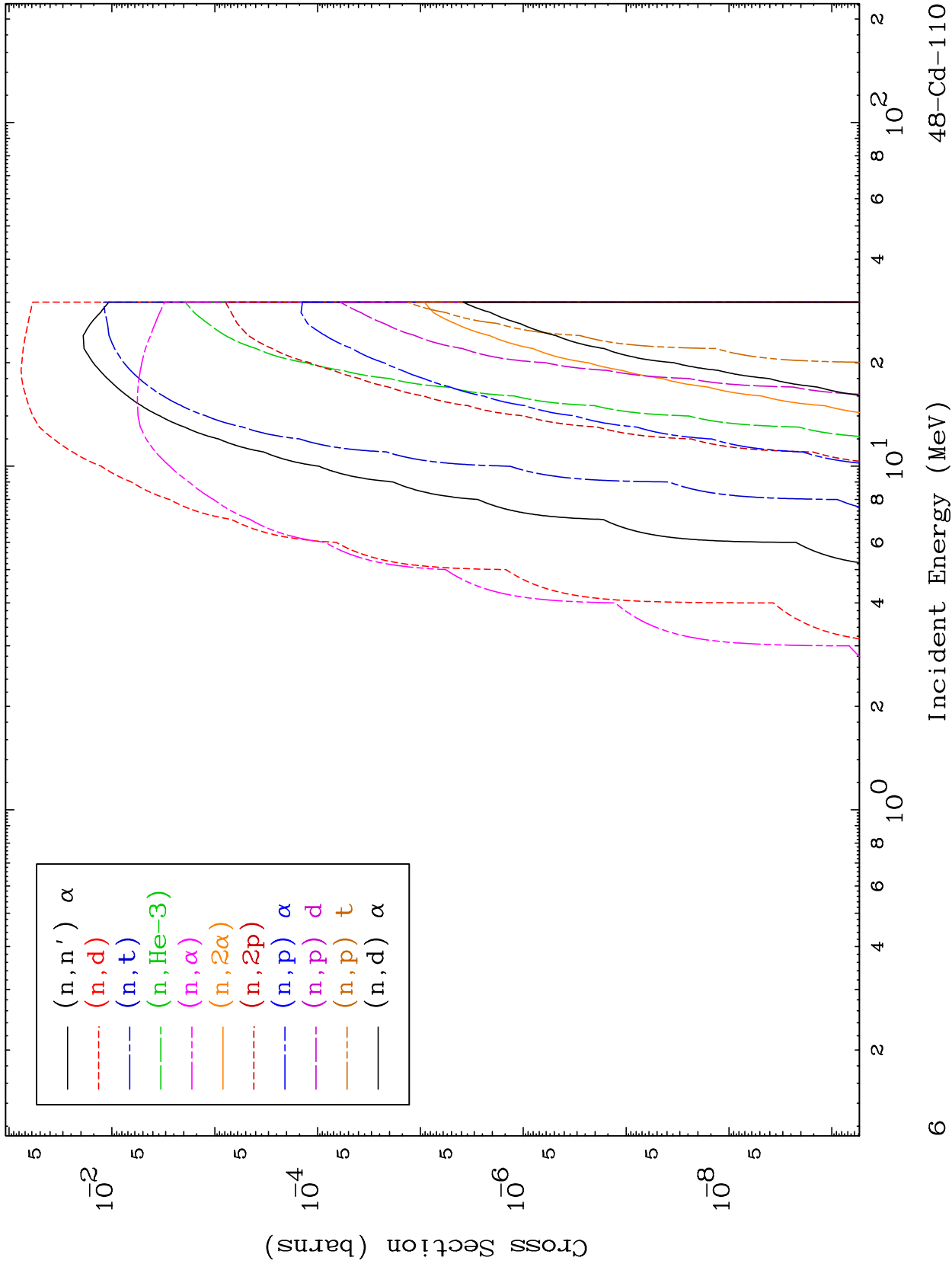
48-Cd-110







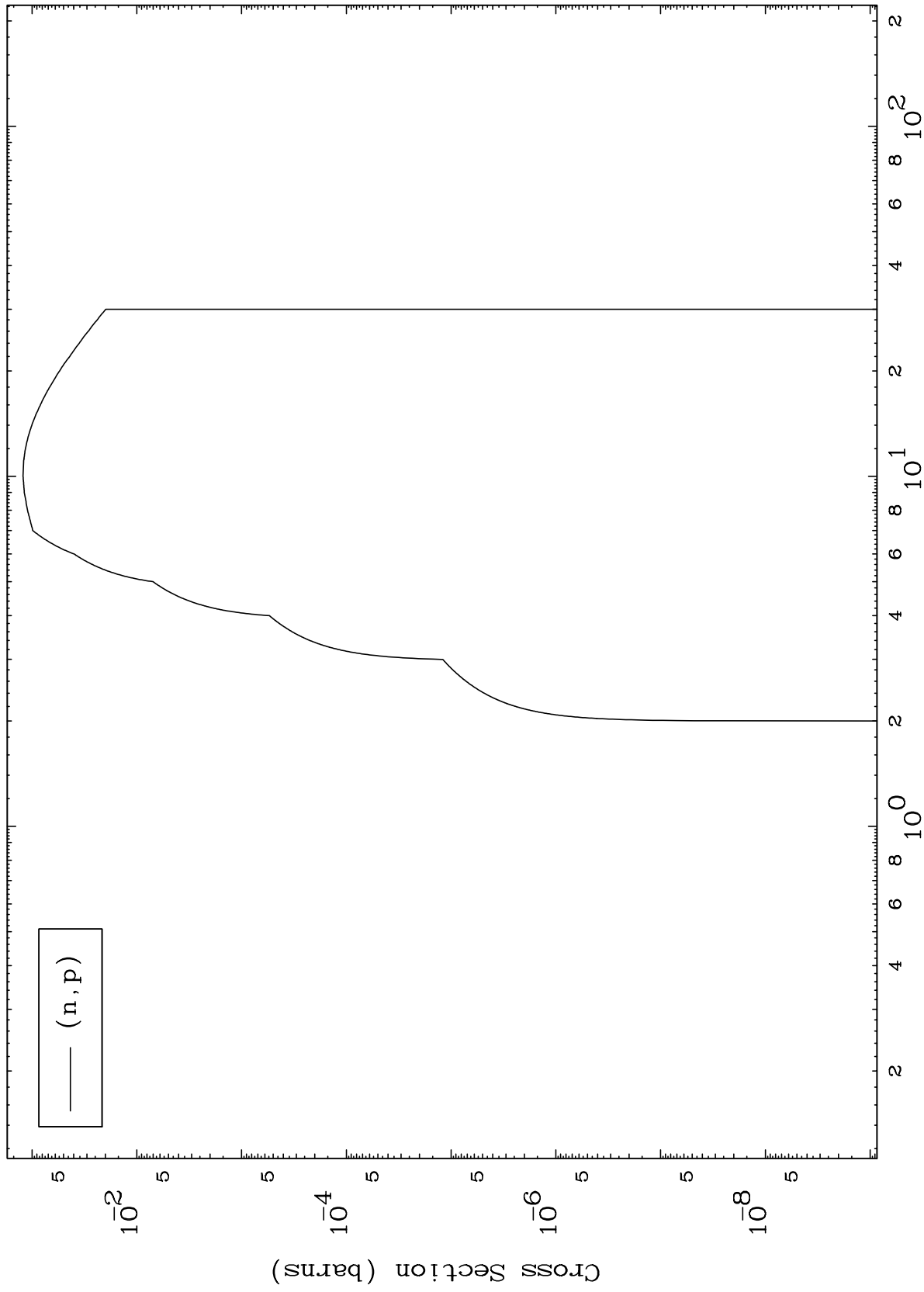




MAT 4837

48-Cd-110

(d,p) Levels  
0 Kelvin Cross Sections



7

Incident Energy (MeV)

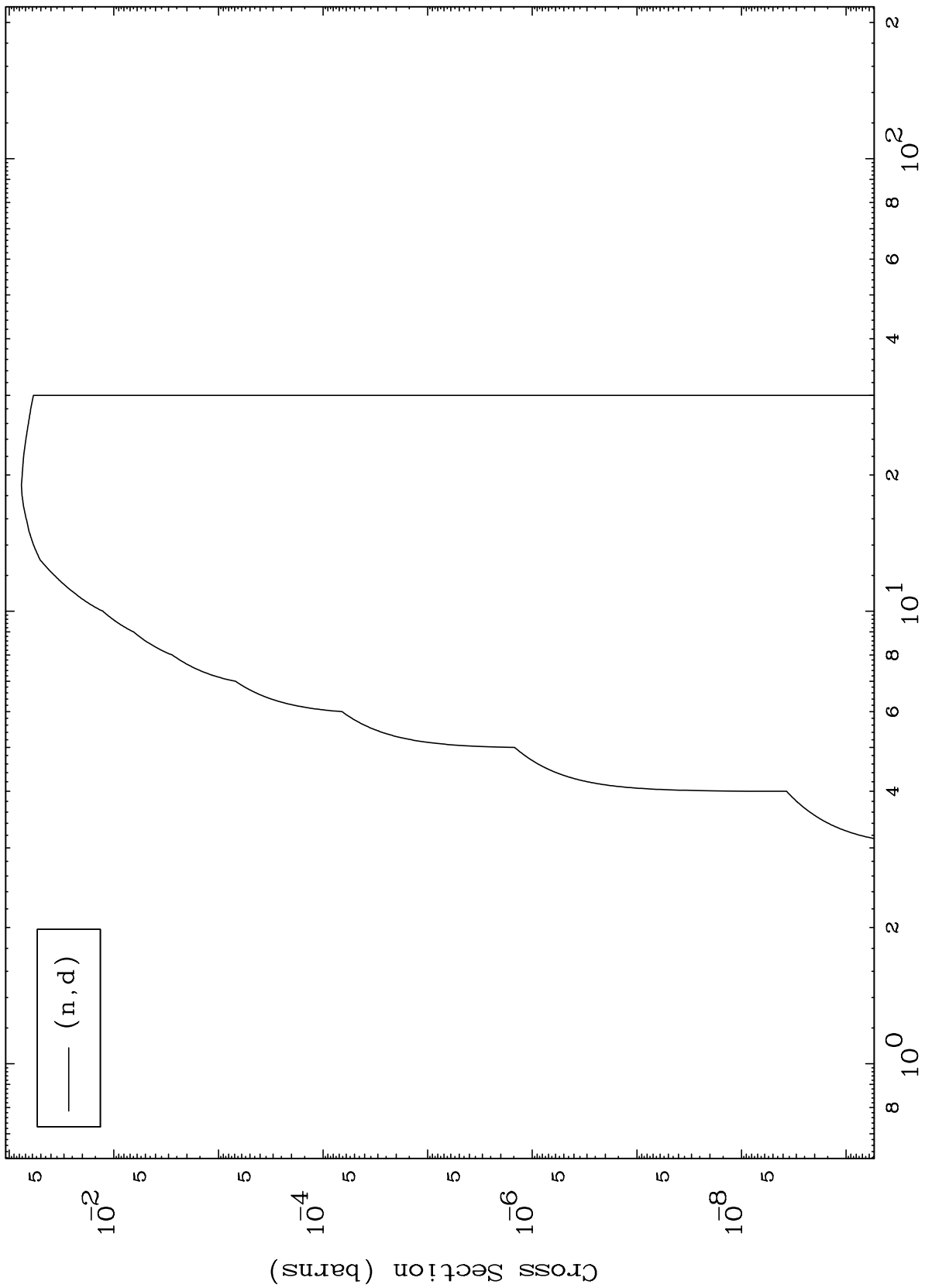
48-Cd-110



MAT 4837

48-Cd-110

(d,d) Levels  
0 Kelvin Cross Sections



8

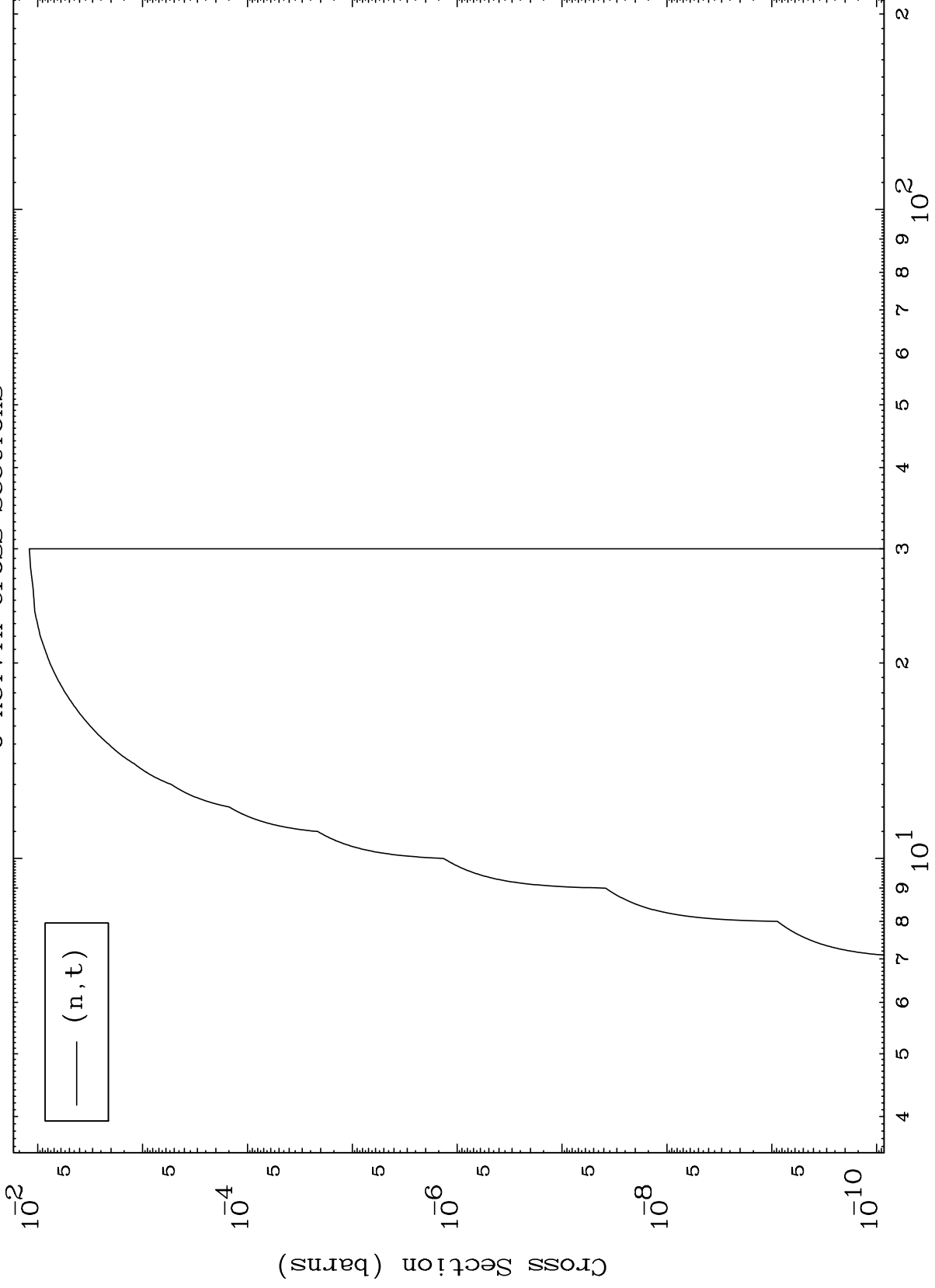
Incident Energy (MeV)

48-Cd-110

MAT 4837

(d,t) Levels  
0 Kelvin Cross Sections

48-Cd-110



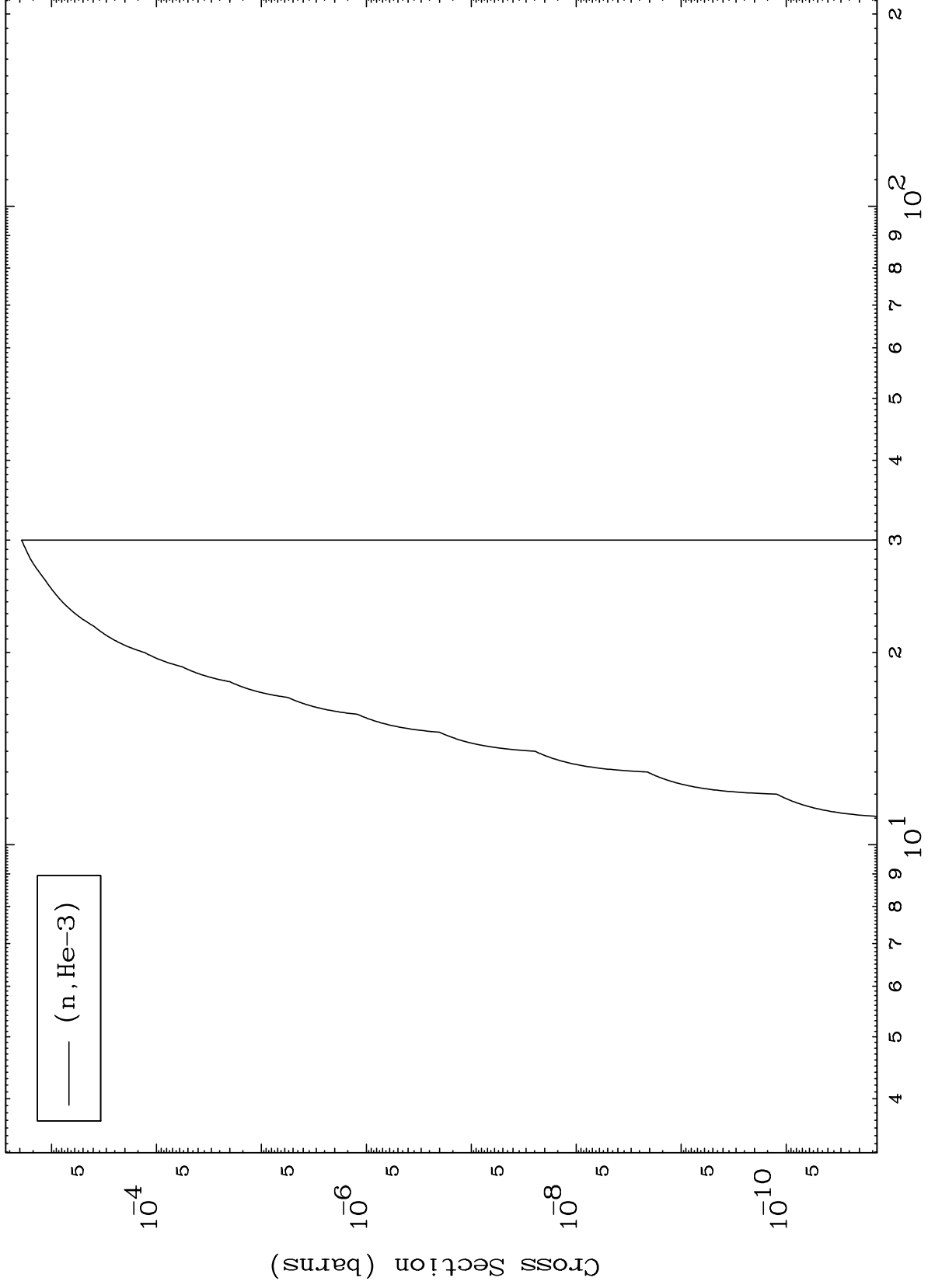
(n,t)

MAT 4837

(d,He3) Levels

48-Cd-110

0 Kelvin Cross Sections



10

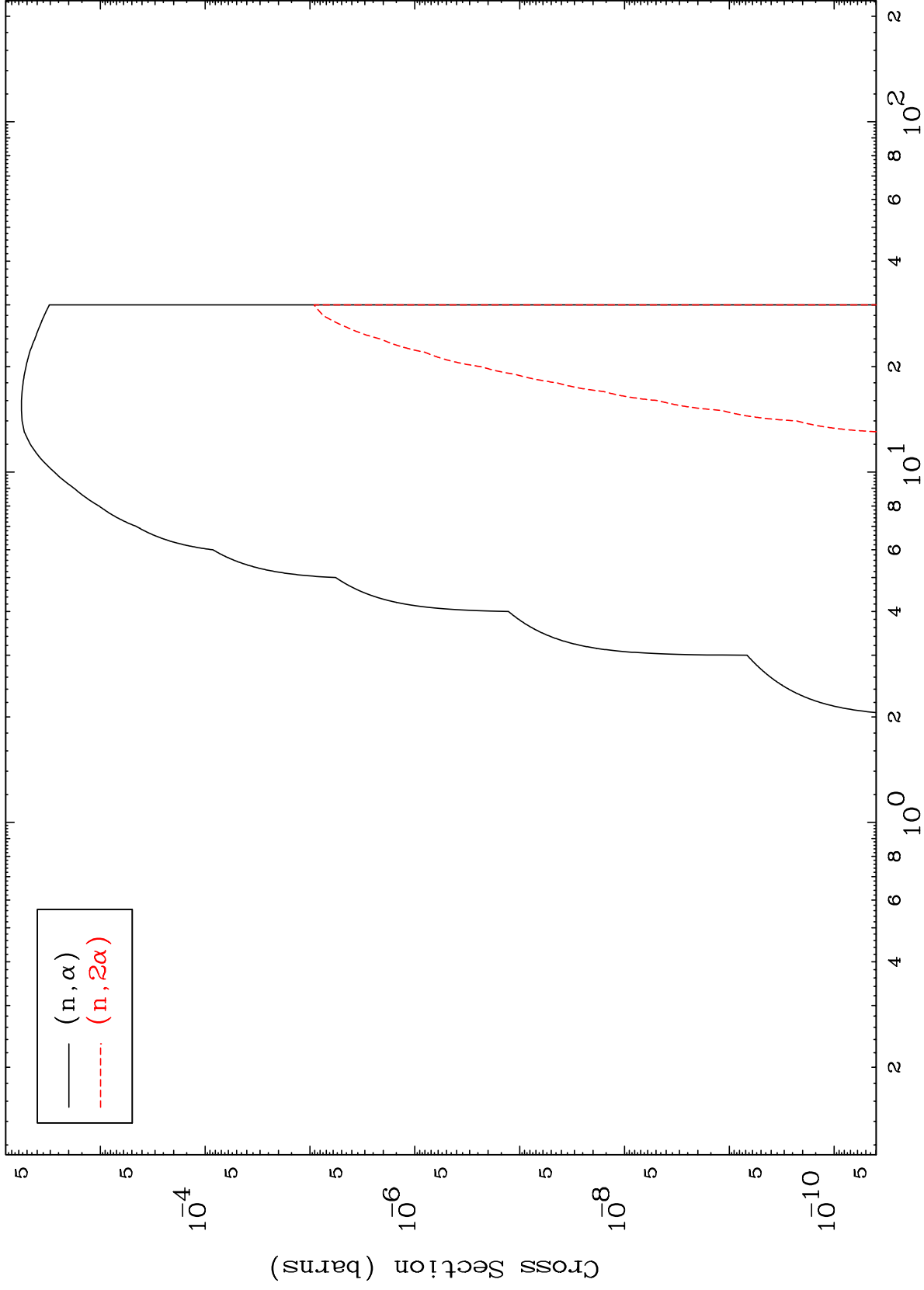
Incident Energy (MeV)

48-Cd-110

MAT 4837

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

48-Cd-110



11

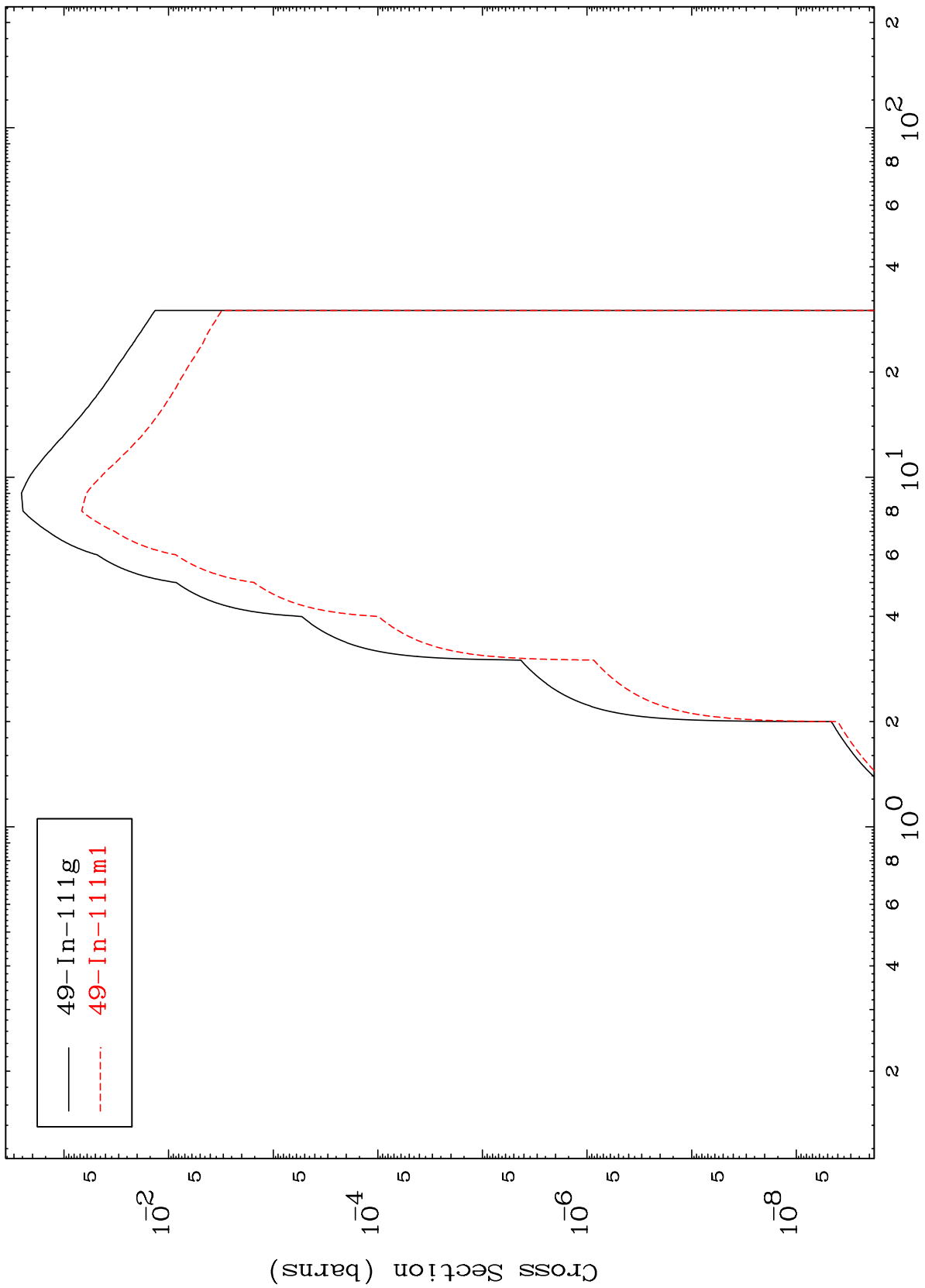
Incident Energy (MeV)

48-Cd-110

MAT 4837

48-Cd-110

Inelastic  
Radionuclide Production Cross Section



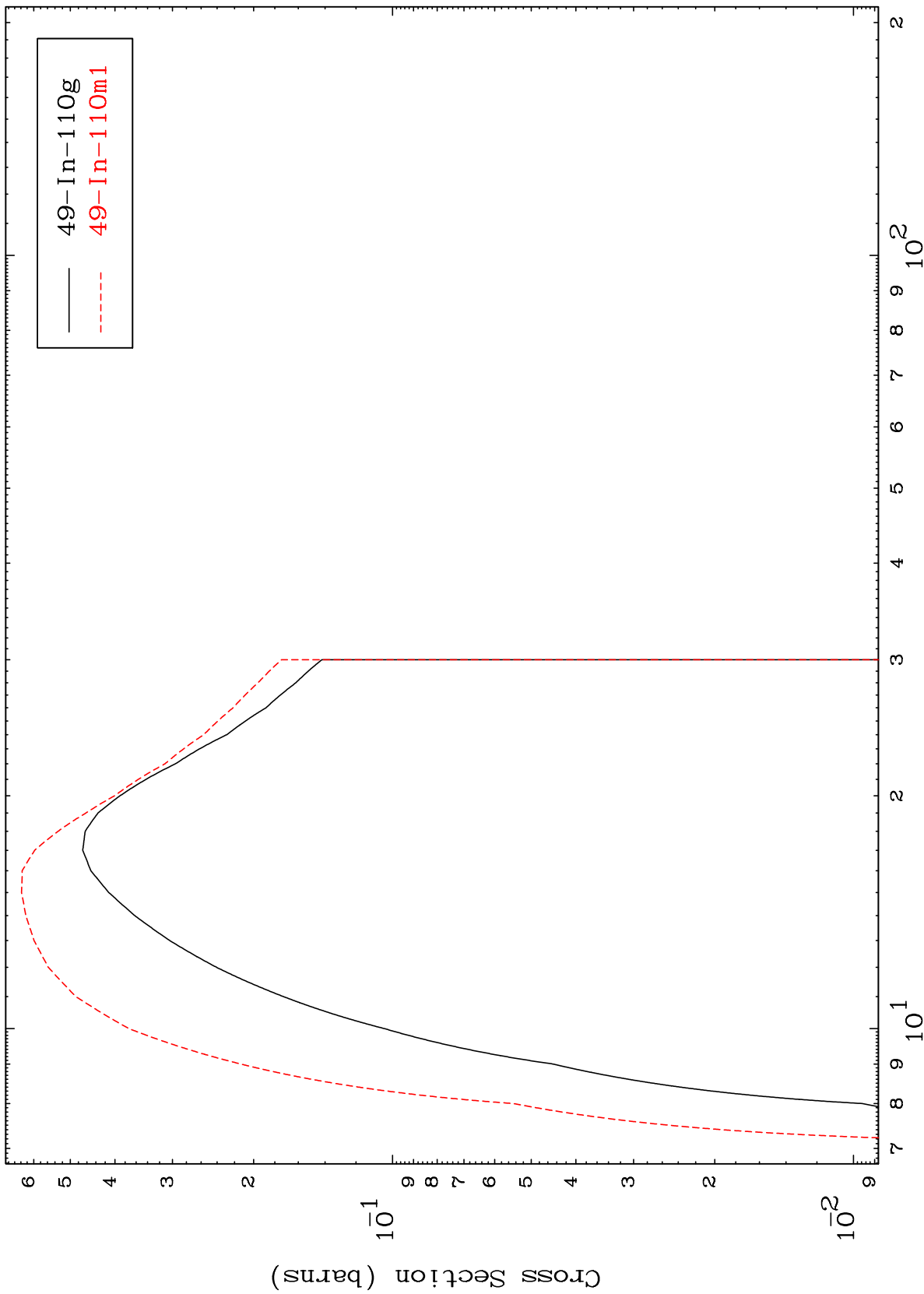
48-Cd-110

Incident Energy (MeV)

MAT 4837

48-Cd-110

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

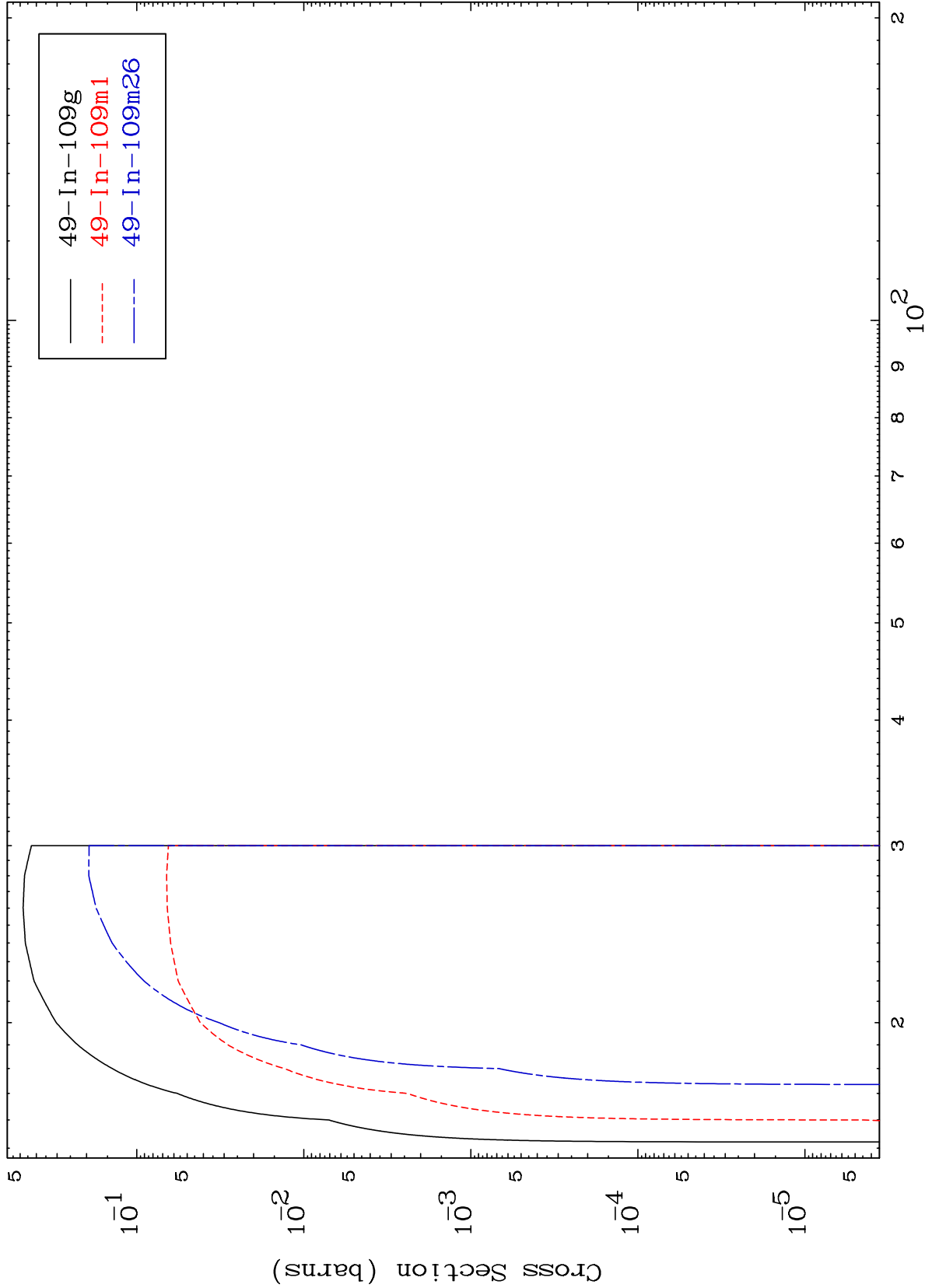
48-Cd-110

MAT 4837

(n,3n)

48-Cd-110

Radionuclide Production Cross Section



14

Incident Energy (MeV)

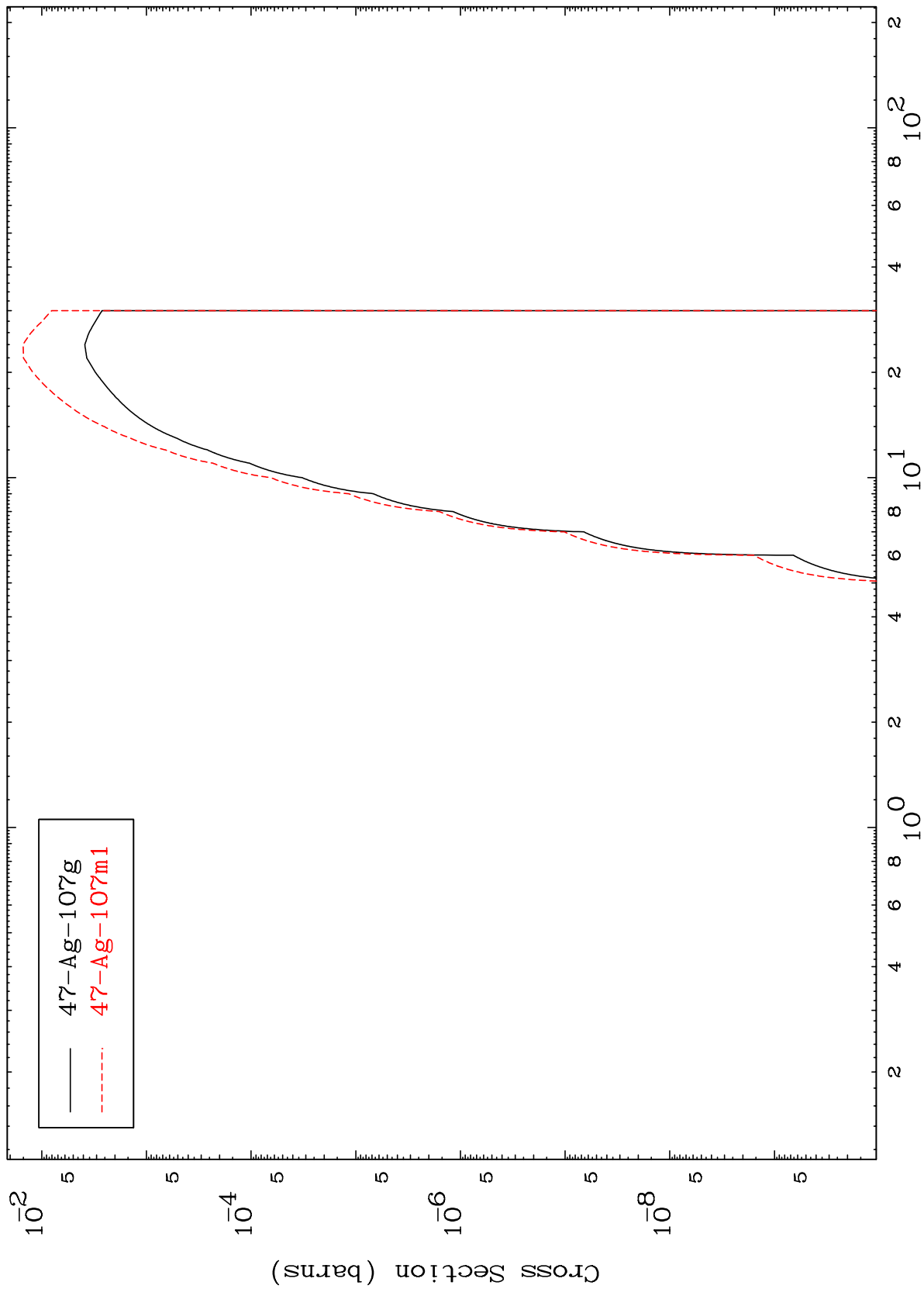
48-Cd-110

MAT 4837

$(n, n') \alpha$

48-Cd-110

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-110

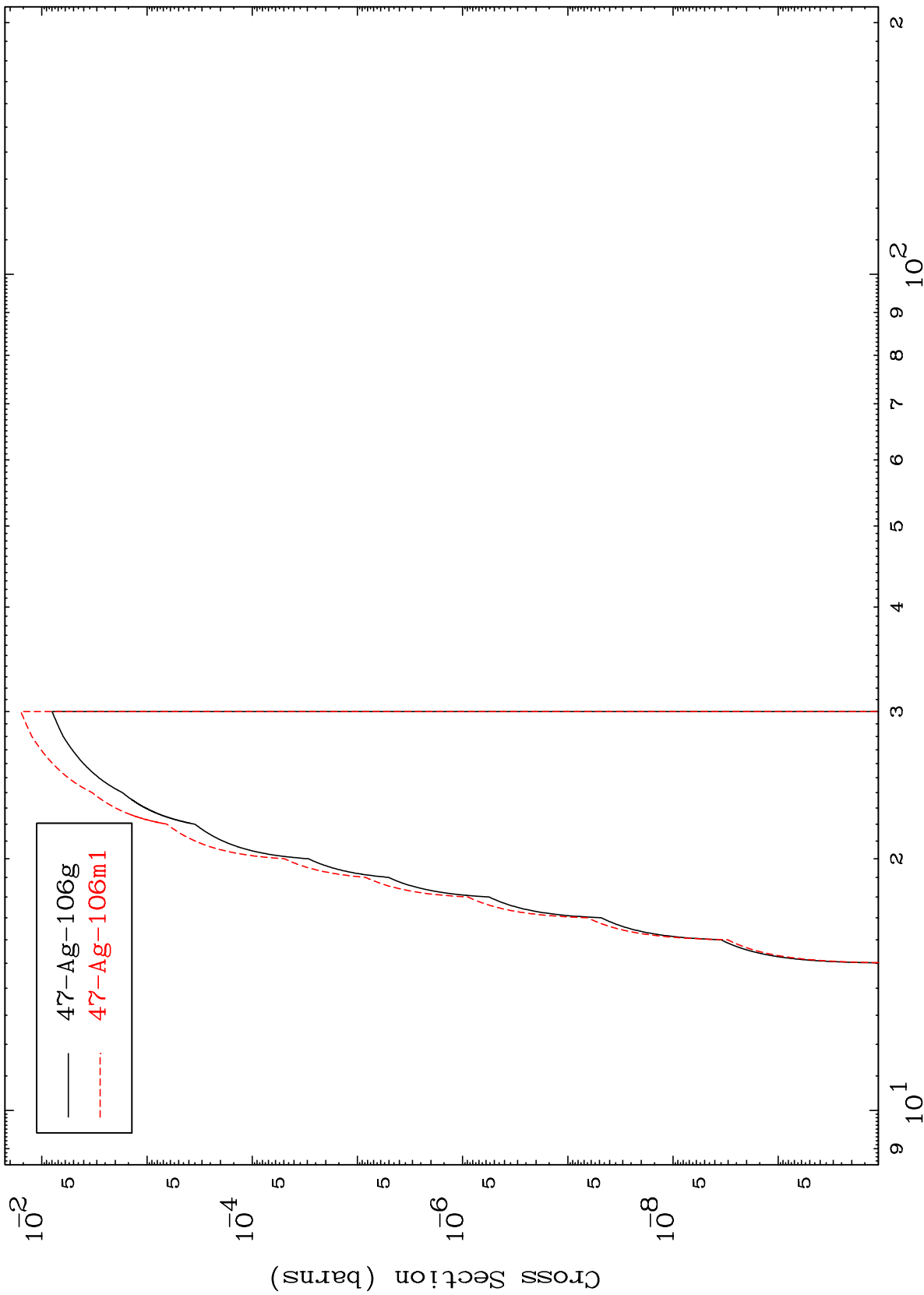


MAT 4837

(n,2n)  $\alpha$

48-Cd-110

Radionuclide Production Cross Section



16

Incident Energy (MeV)

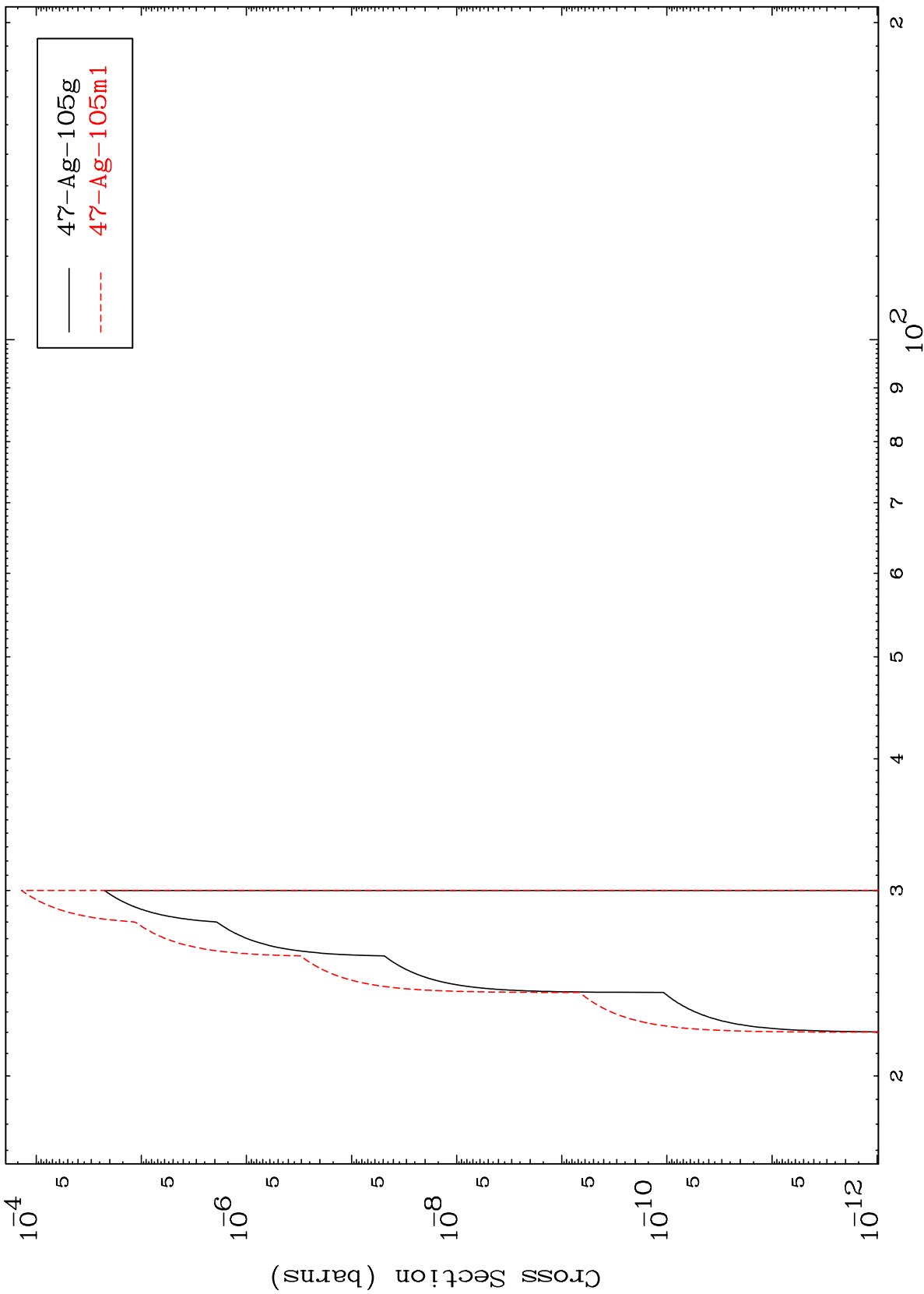
48-Cd-110

MAT 4837

(n,3n)  $\alpha$

48-Cd-110

Radionuclide Production Cross Section



17

Incident Energy (MeV)

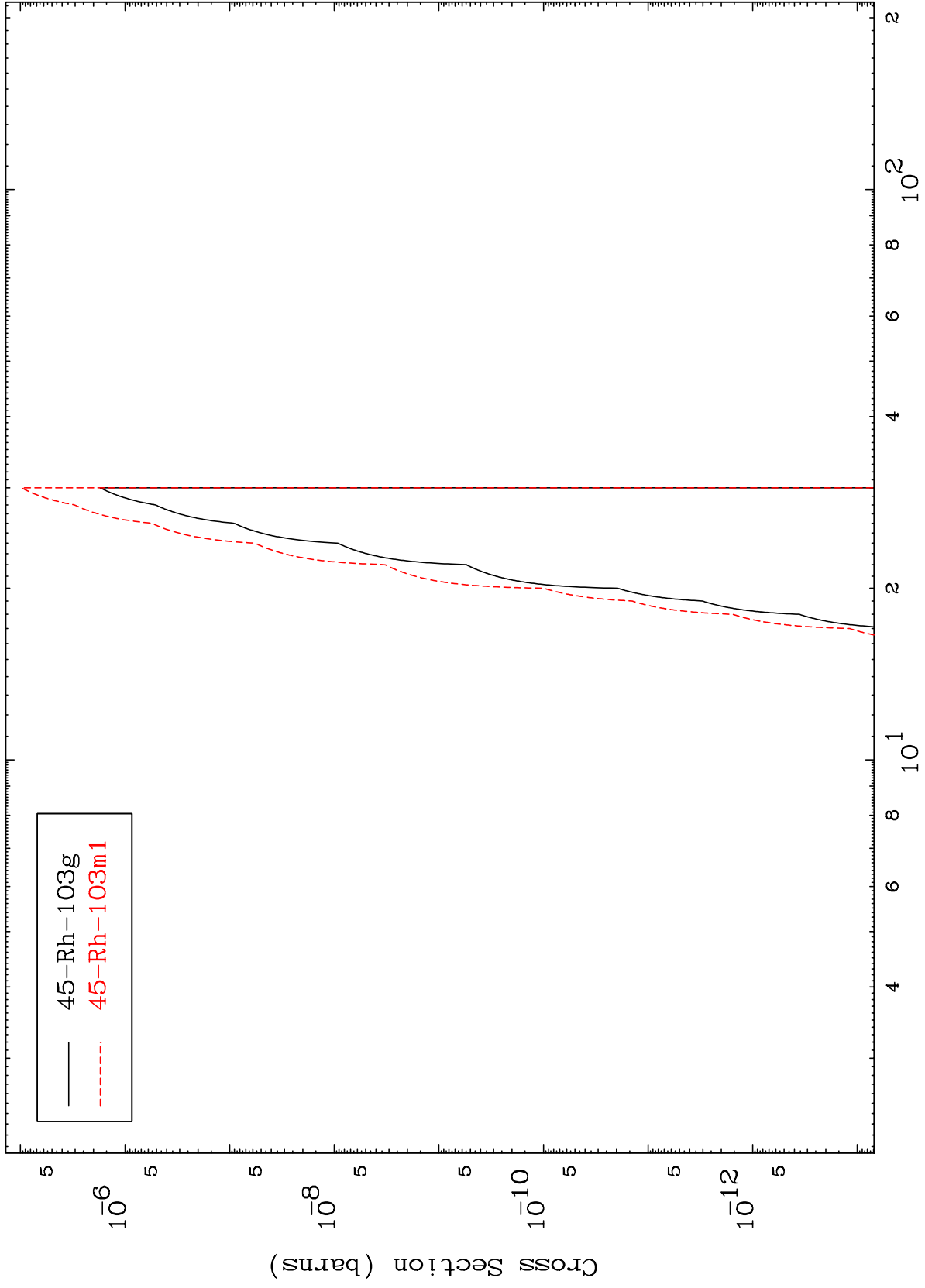
48-Cd-110

MAT 4837

(n,n') 2α

48-Cd-110

Radionuclide Production Cross Section

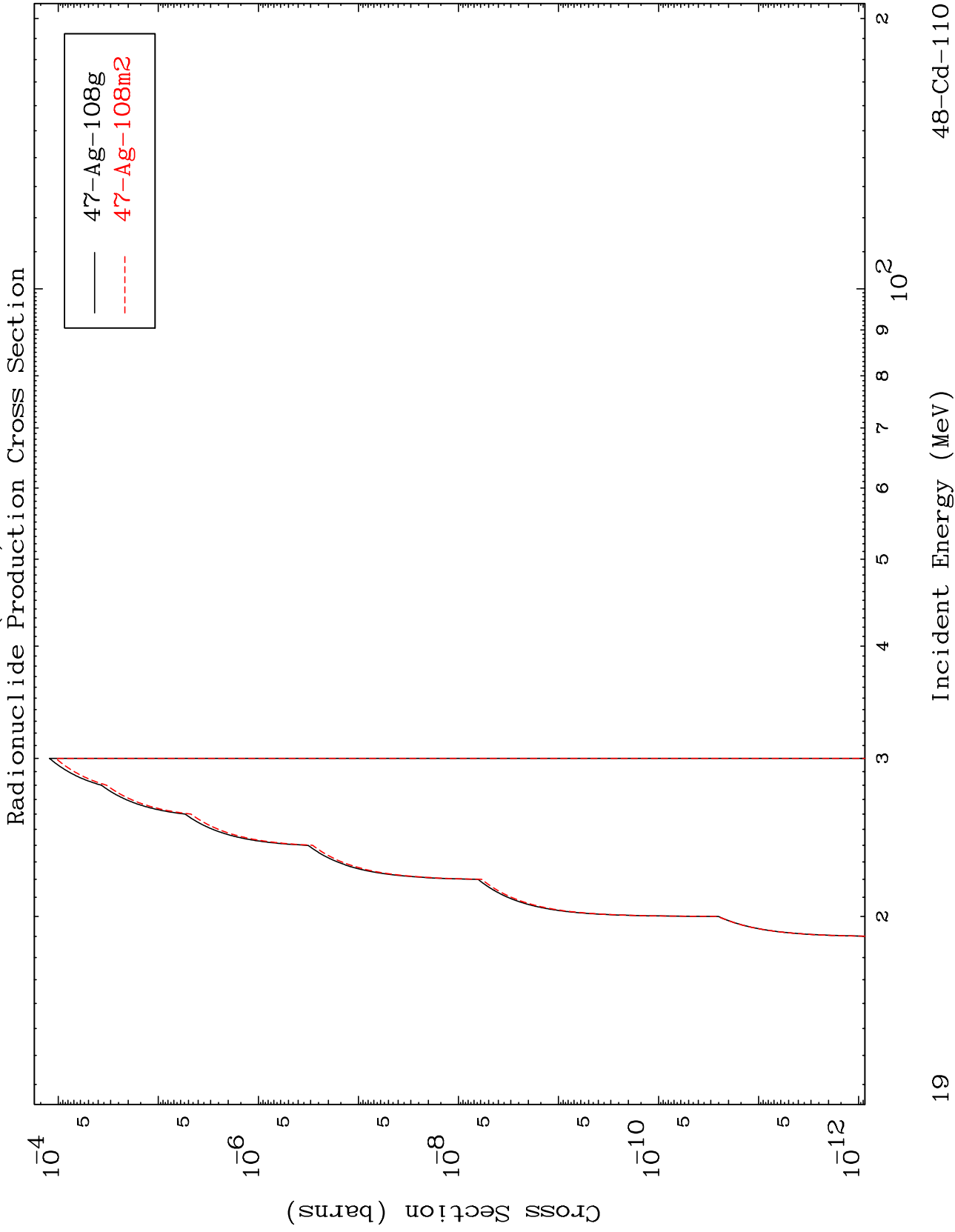


— 45-Rh-103g  
- - - 45-Rh-103m1

MAT 4837

(n,n') He-3

48-Cd-110



19

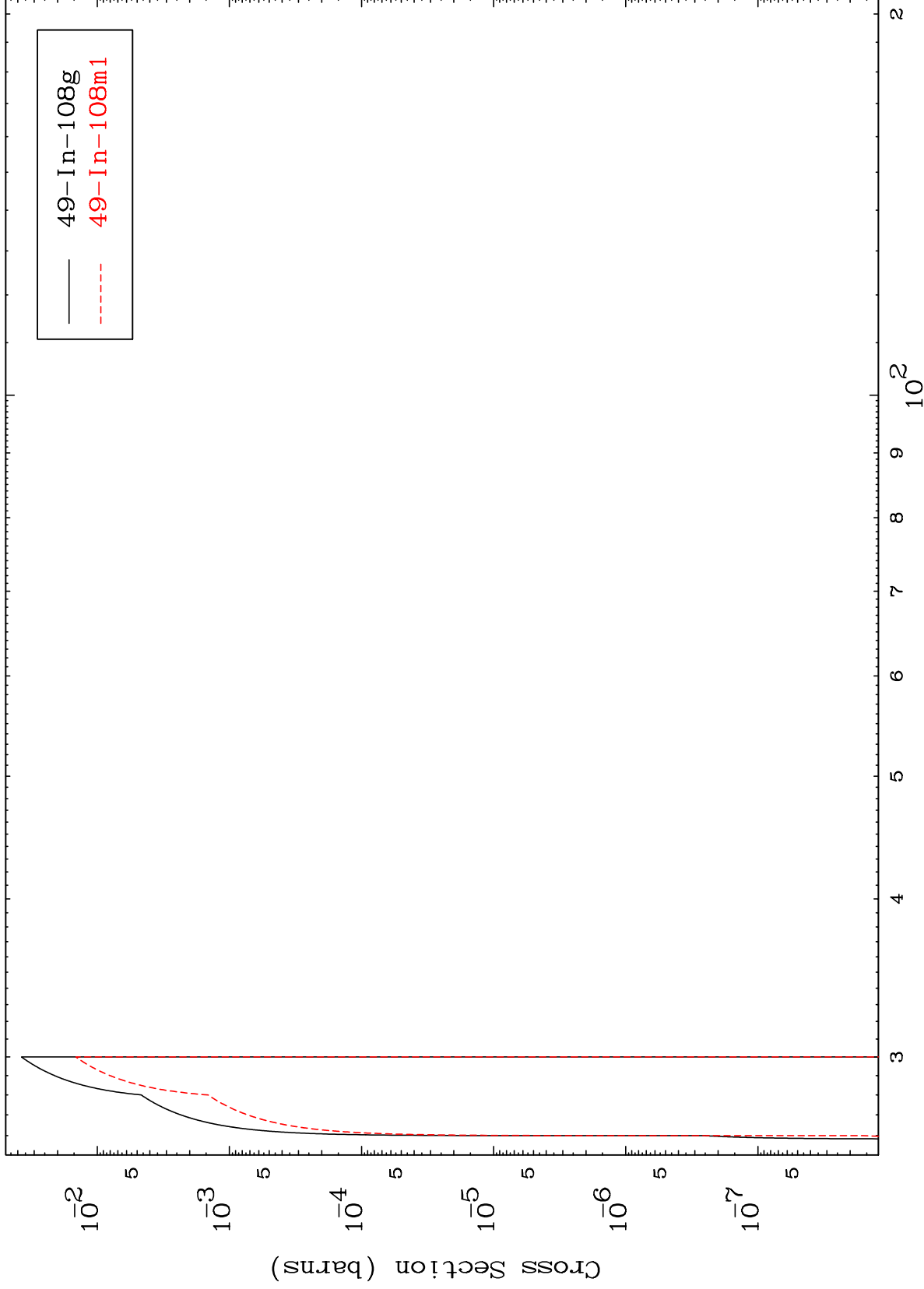
48-Cd-110

MAT 4837

(n,4n)

48-Cd-110

Radionuclide Production Cross Section



20

Incident Energy (MeV)

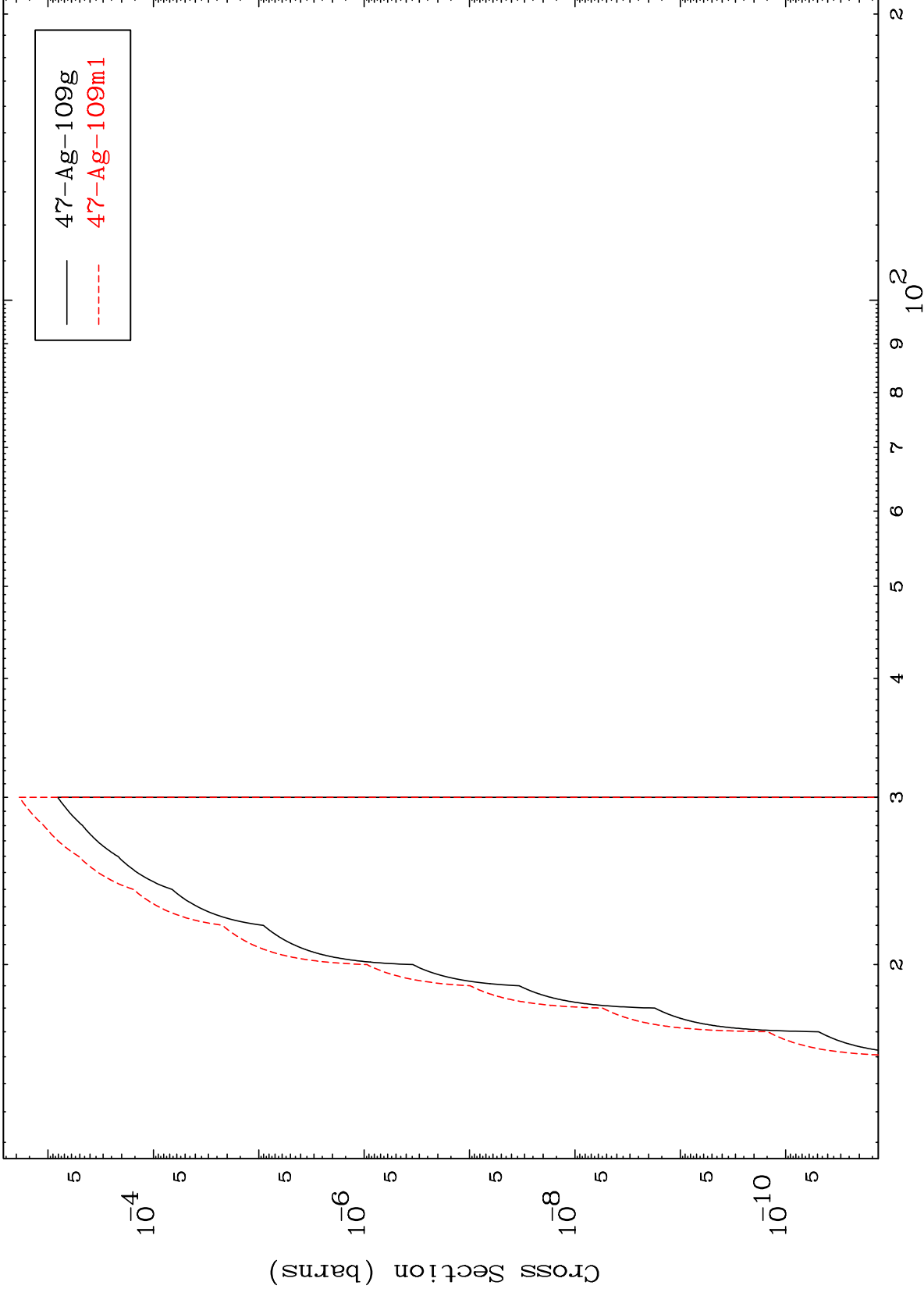
48-Cd-110

MAT 4837

(n,2n) p

48-Cd-110

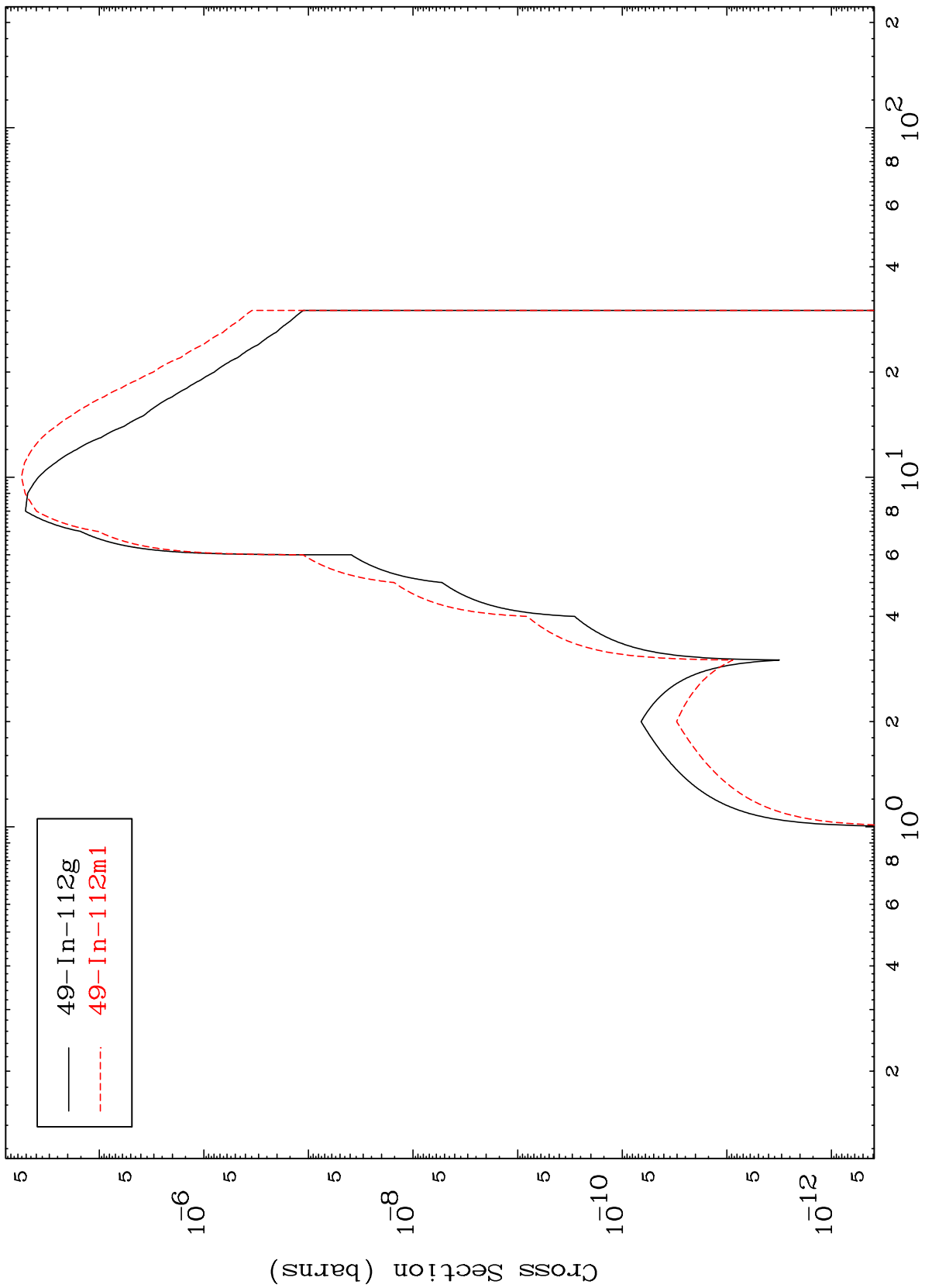
Radionuclide Production Cross Section



MAT 4837

48-Cd-110

(n,γ)  
Radionuclide Production Cross Section



48-Cd-110

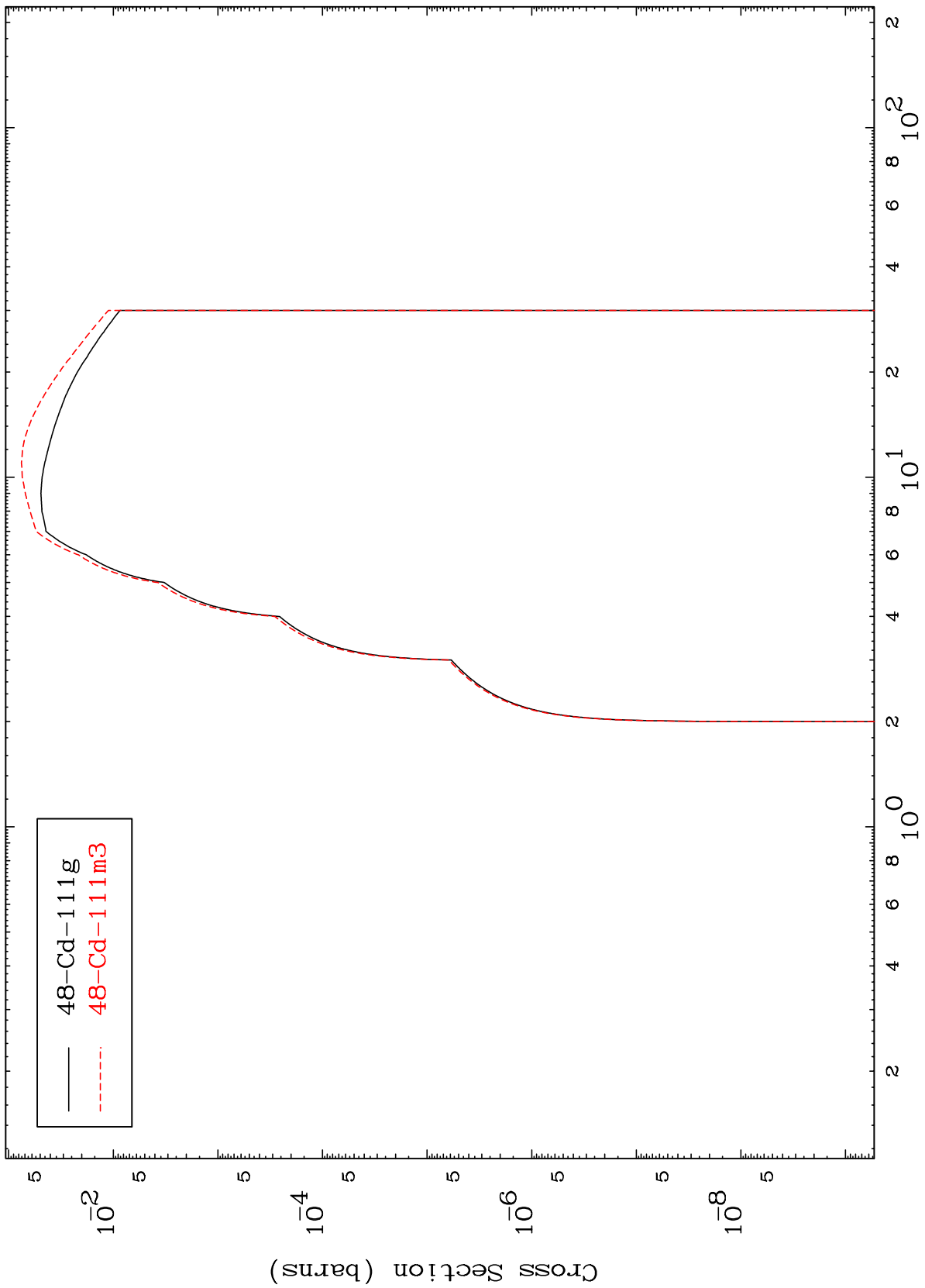
Incident Energy (MeV)

22

MAT 4837

48-Cd-110

(n,p)  
Radionuclide Production Cross Section



23

48-Cd-110

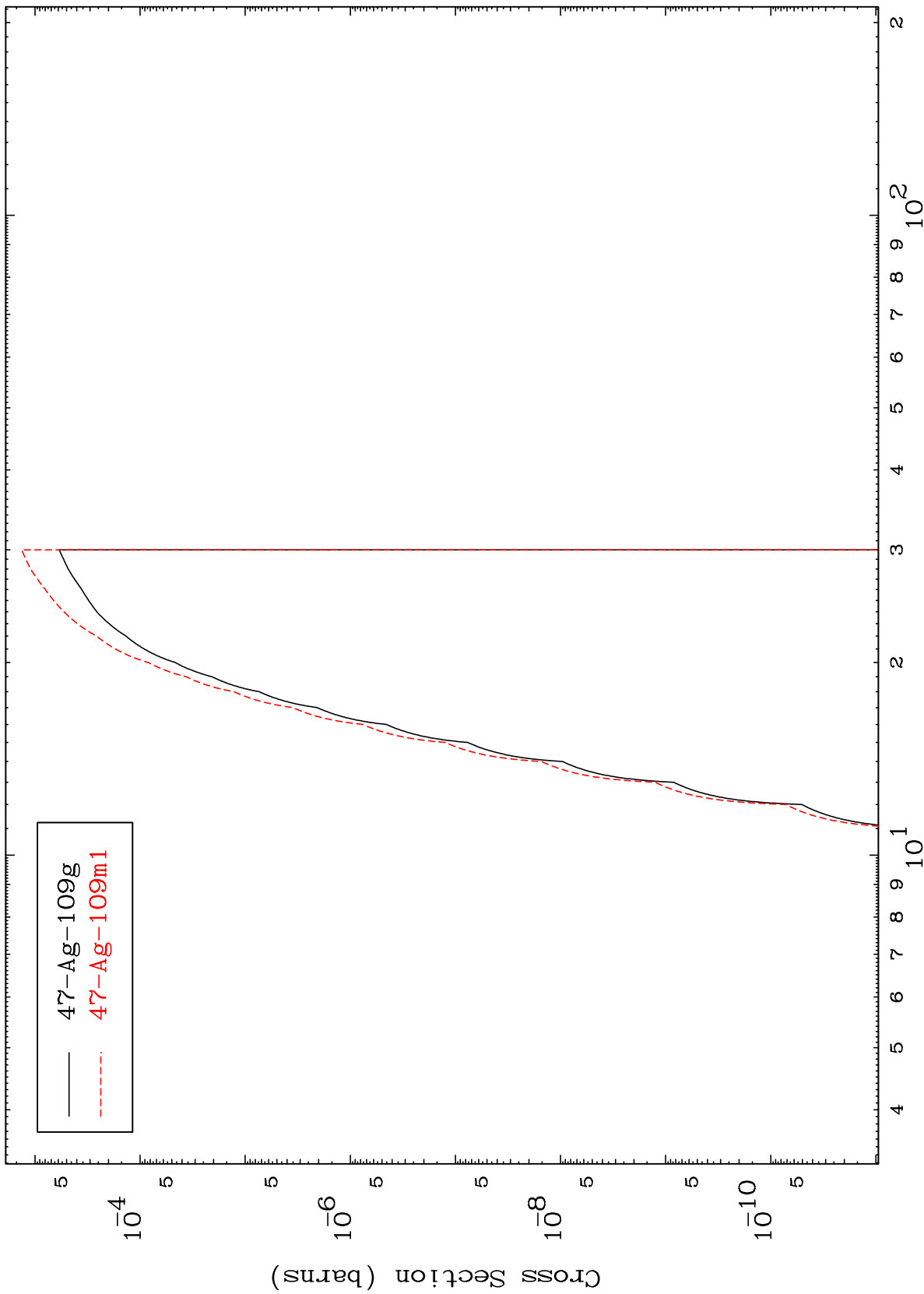
Incident Energy (MeV)



MAT 4837

48-Cd-110

(n,He-3)  
Radionuclide Production Cross Section



24

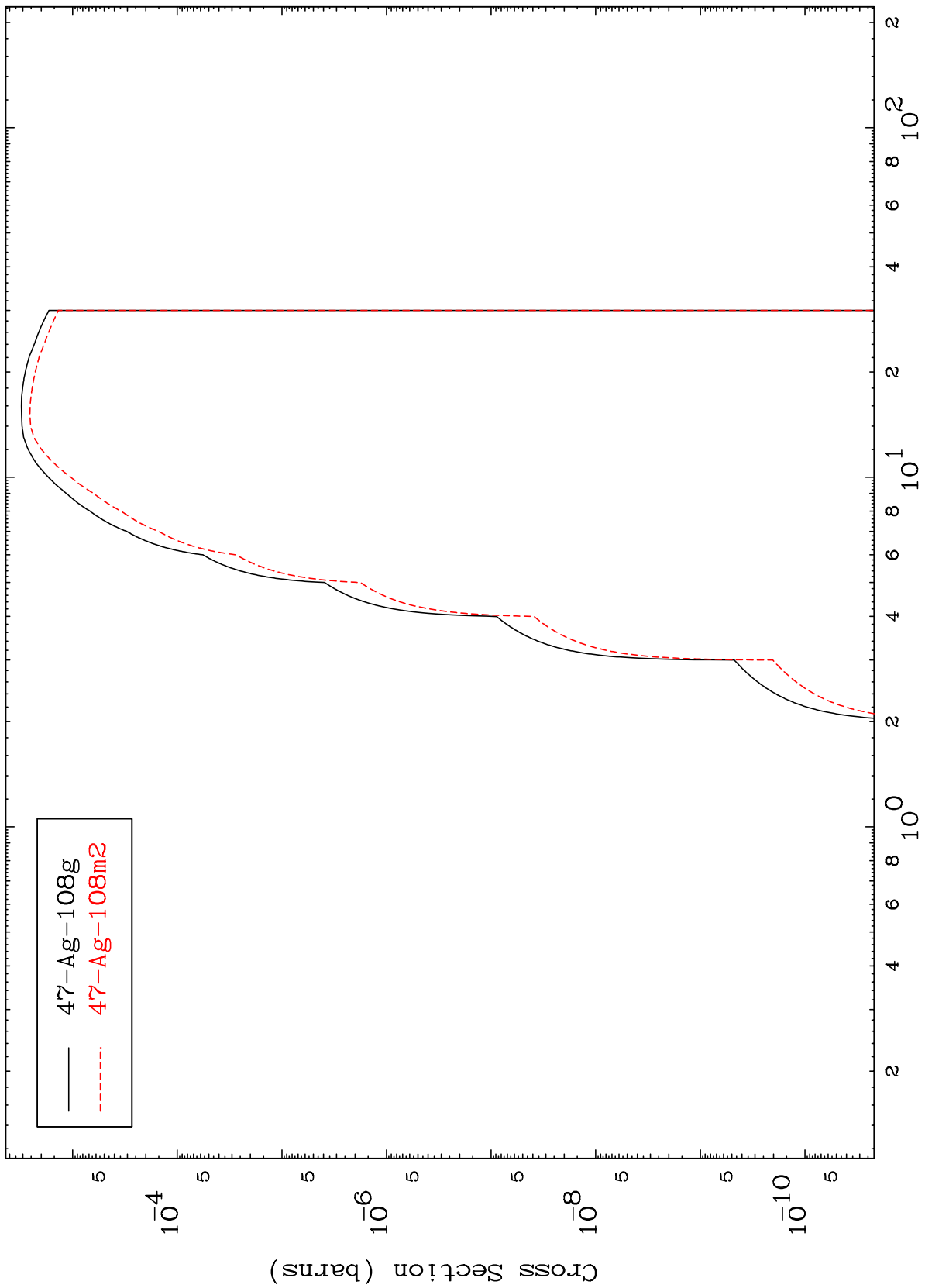
48-Cd-110

Incident Energy (MeV)

MAT 4837

48-Cd-110

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



48-Cd-110

Incident Energy (MeV)

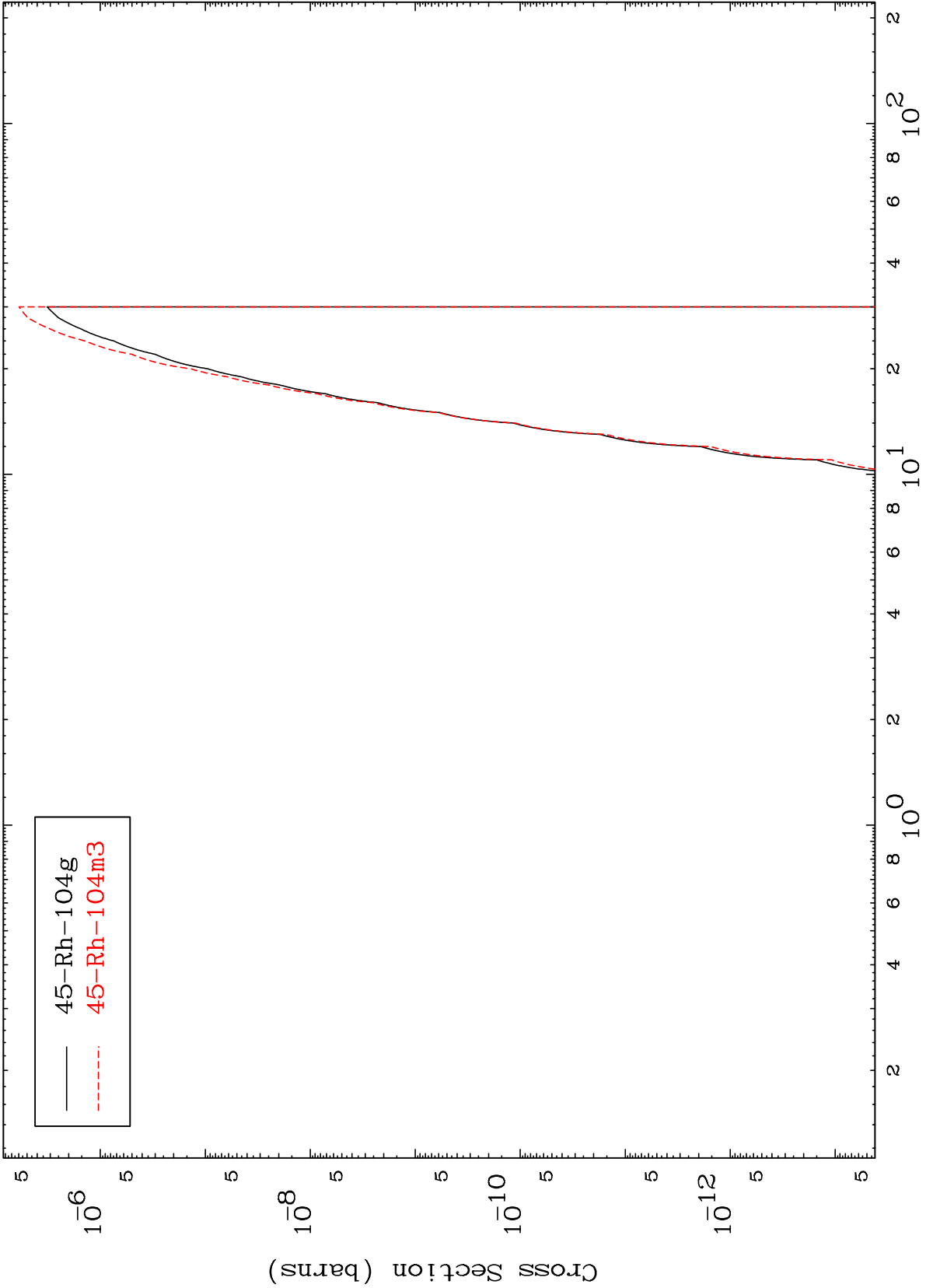
25

MAT 4837

(n,2α)

48-Cd-110

Radionuclide Production Cross Section

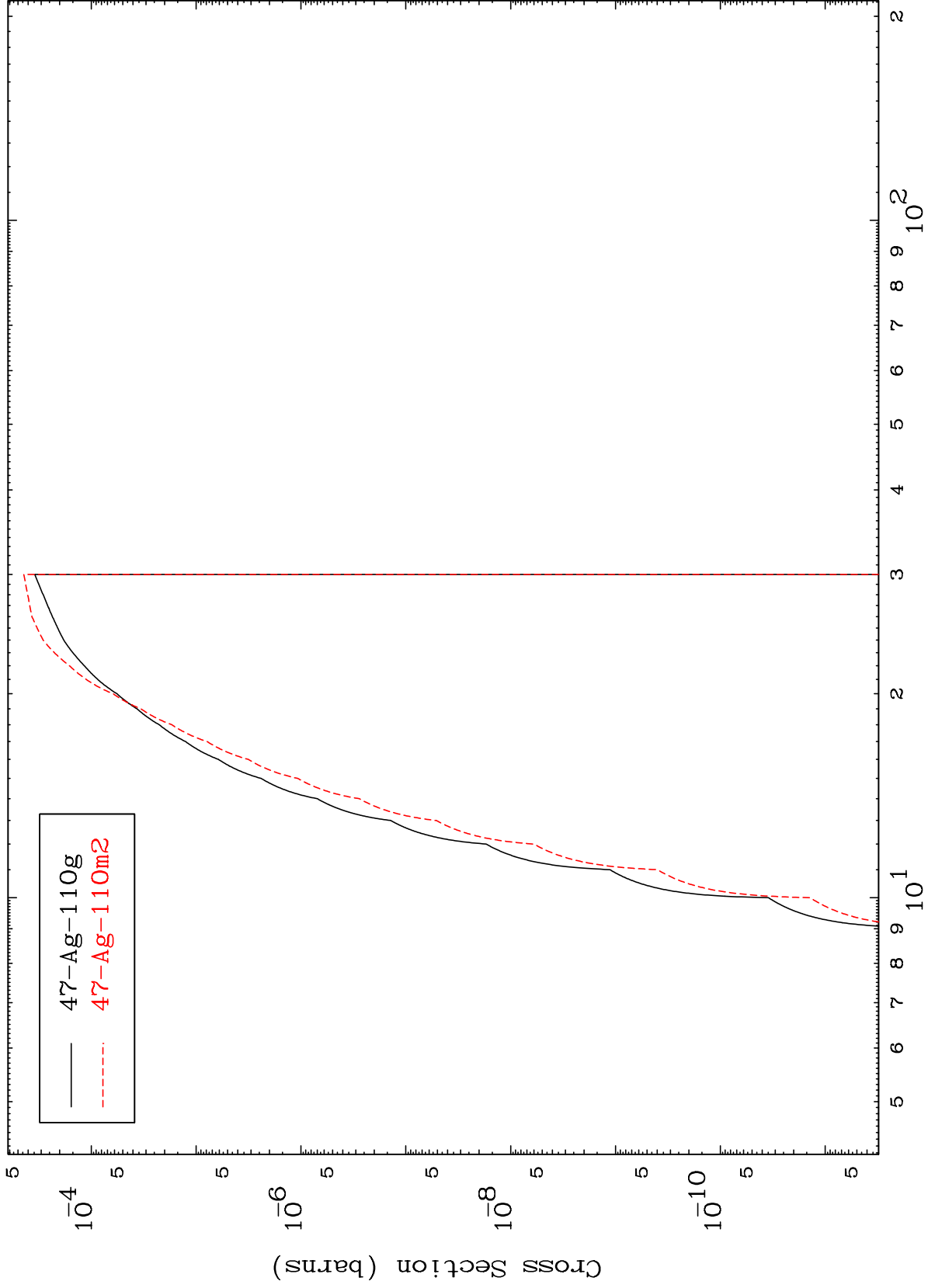


— 45-Rh-104g  
- - - 45-Rh-104m3

MAT 4837

48-Cd-110

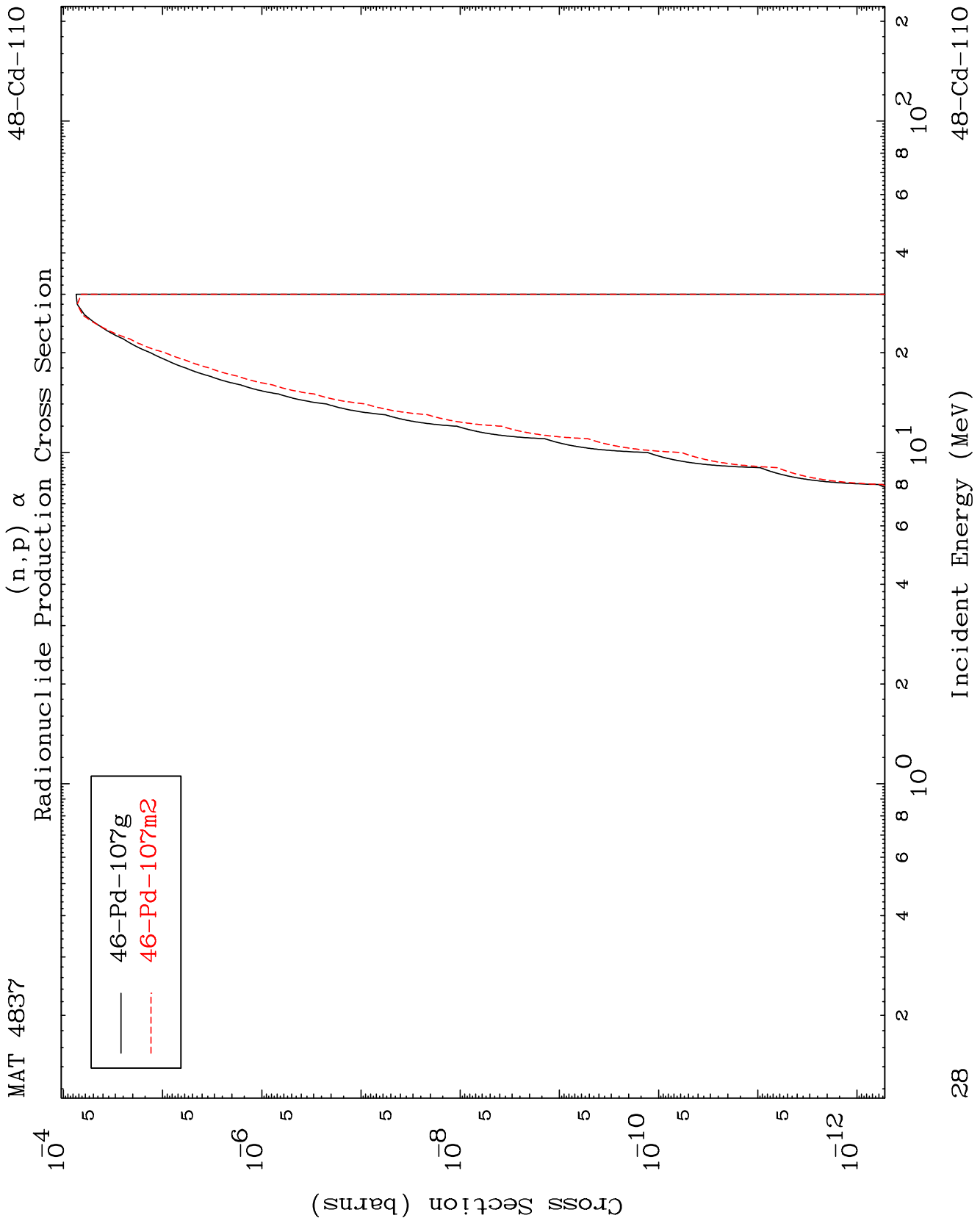
(n,2p)  
Radionuclide Production Cross Section



27

Incident Energy (MeV)

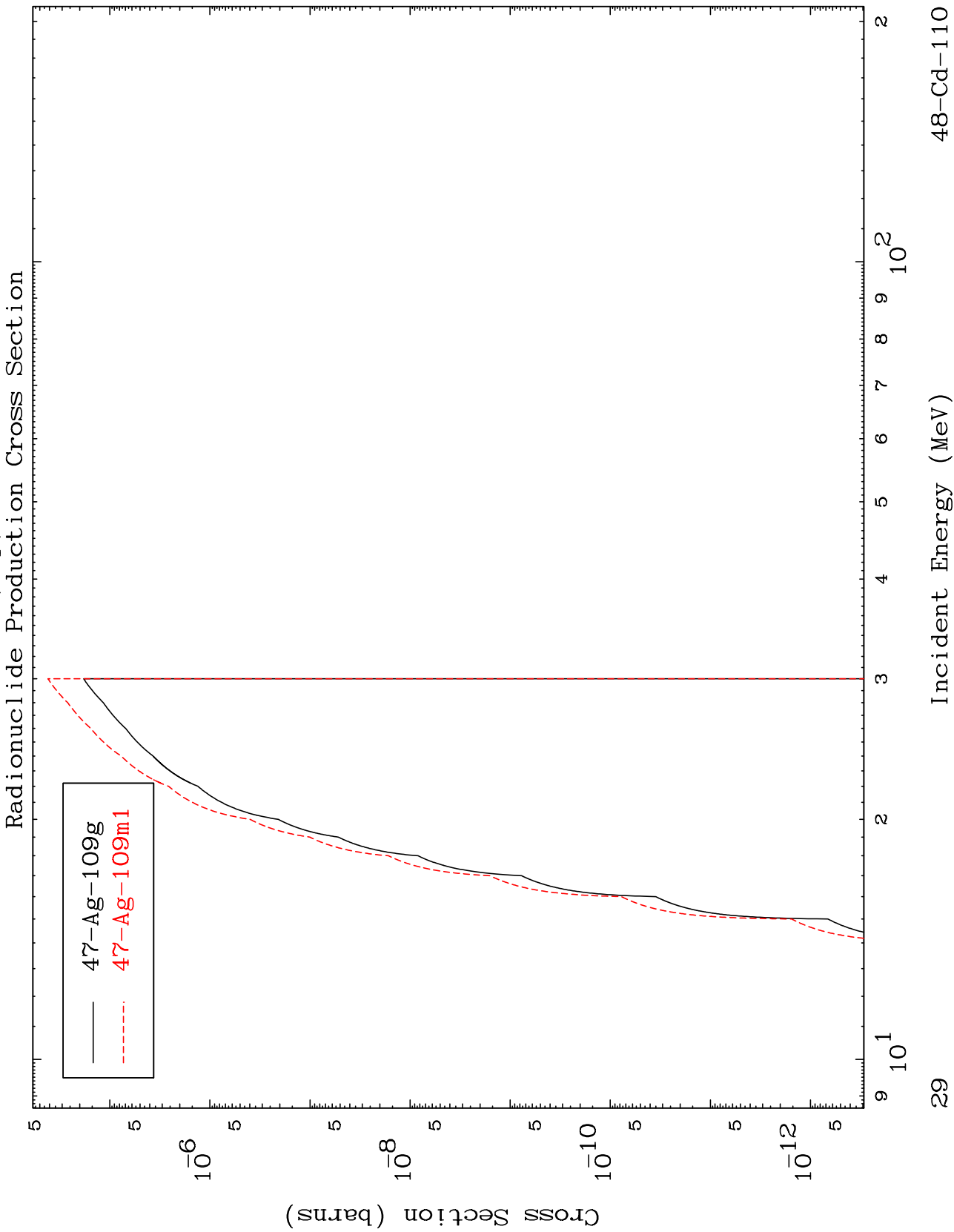
48-Cd-110



MAT 4837

(n,p) d

48-Cd-110



29

Incident Energy (MeV)

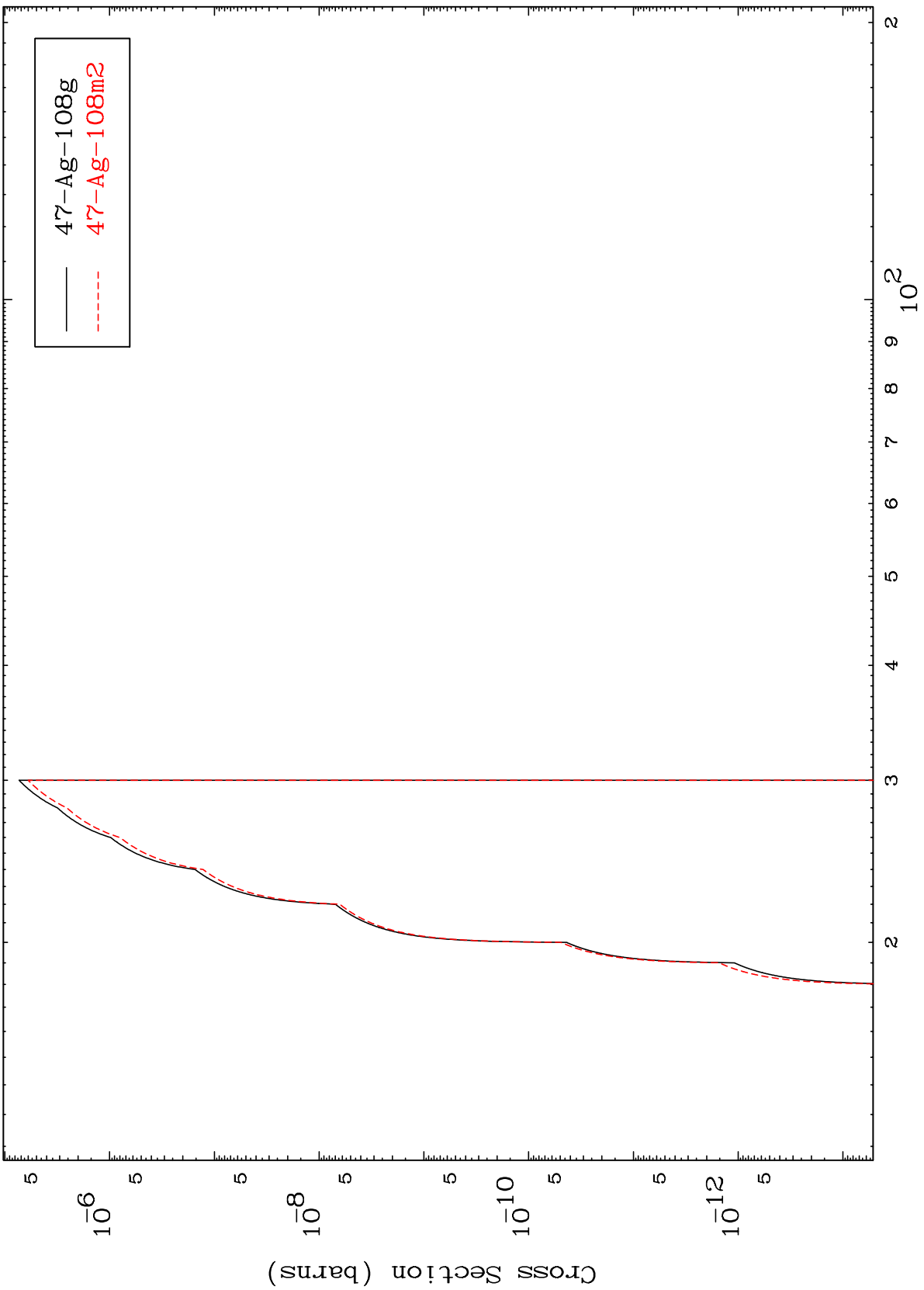
48-Cd-110

MAT 4837

(n,p) t

48-Cd-110

Radionuclide Production Cross Section



30

Incident Energy (MeV)

48-Cd-110