

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

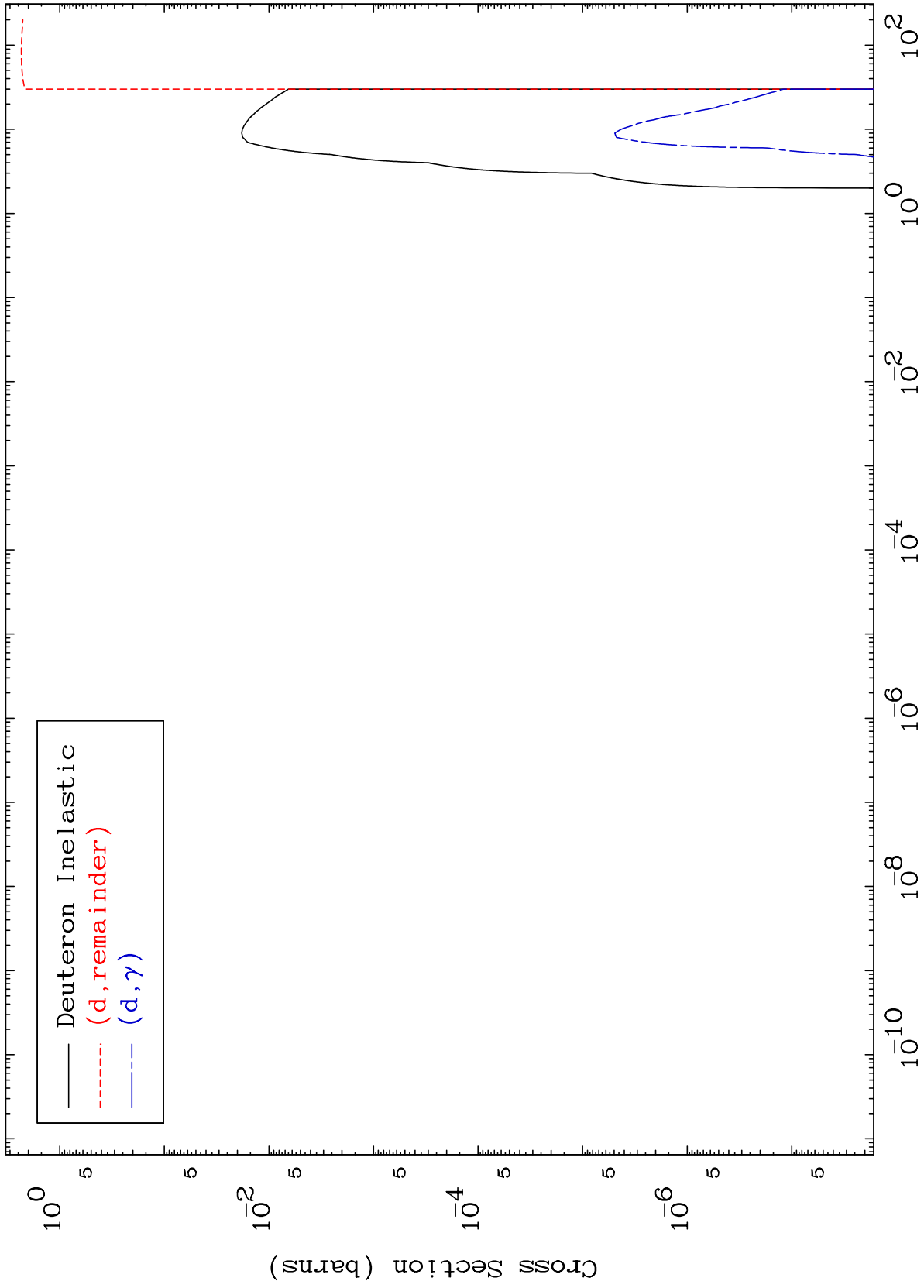
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4858

Deuteron Major  
0 Kelvin Cross Sections

48-Cd-117



1

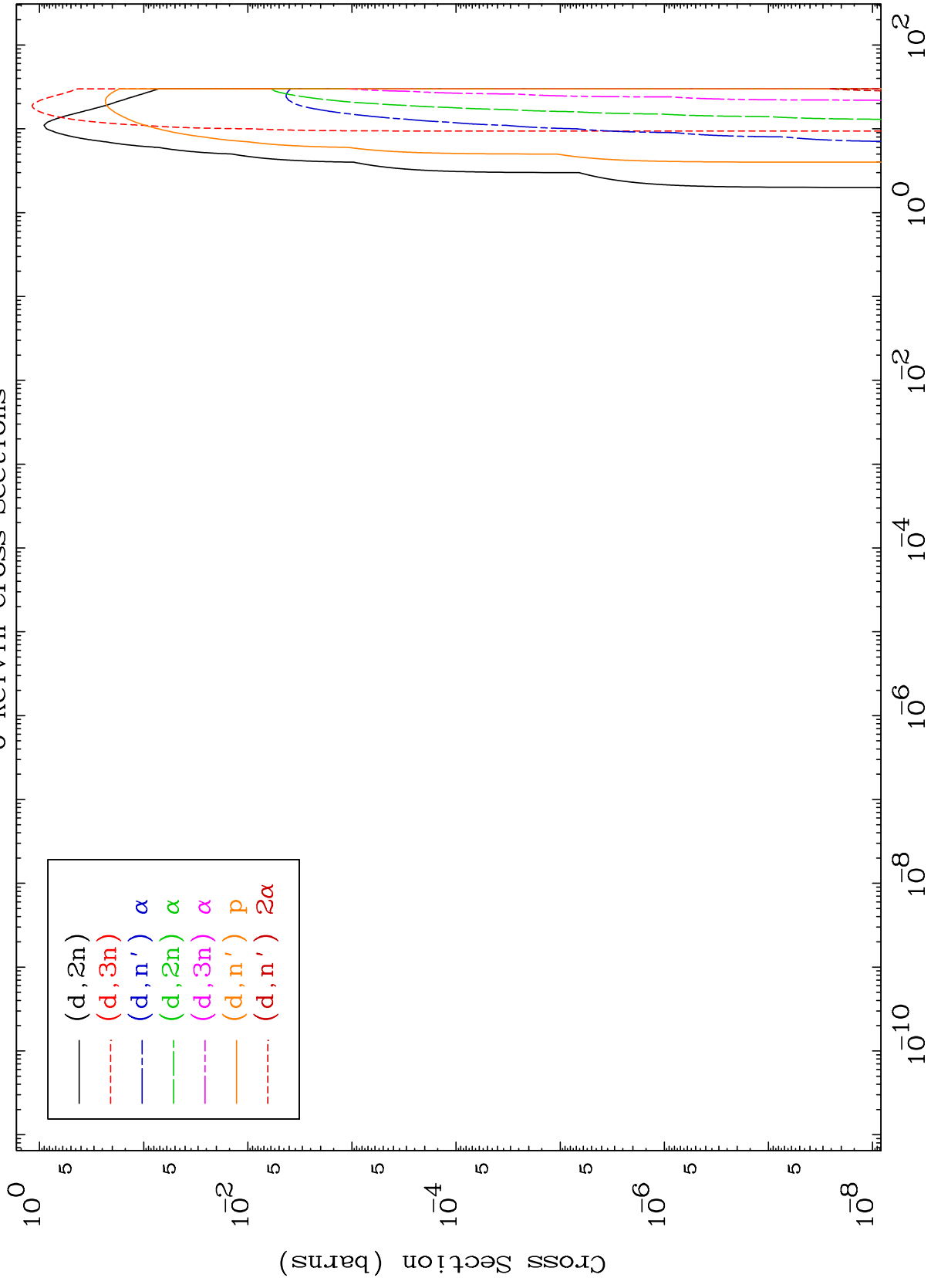
Incident Energy (MeV)

48-Cd-117

MAT 4858

Deuteron Neutron Production  
0 Kelvin Cross Sections

48-Cd-117

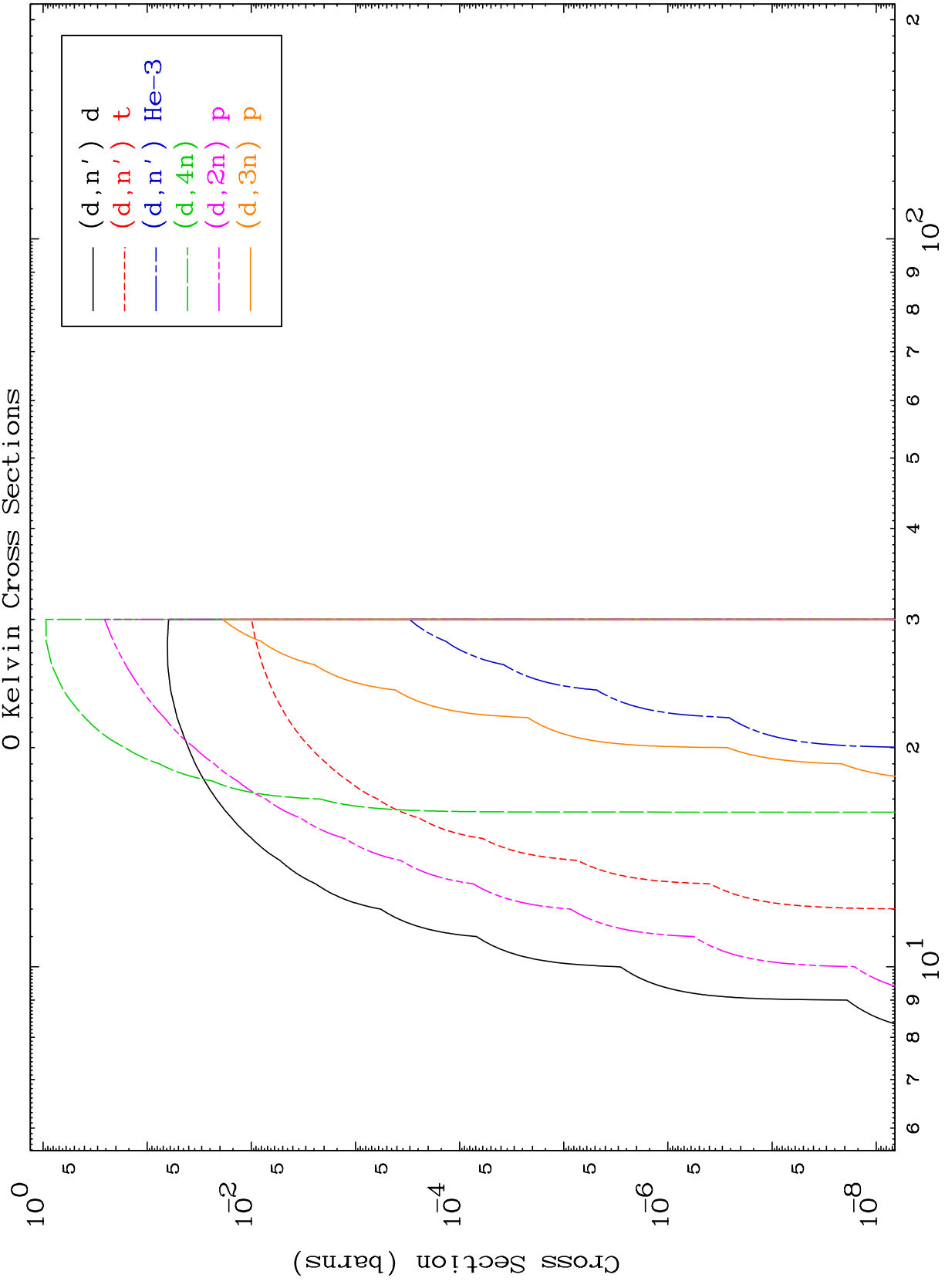


48-Cd-117

MAT 4858

Deuteron Neutron Production  
0 Kelvin Cross Sections

48-Cd-117



3

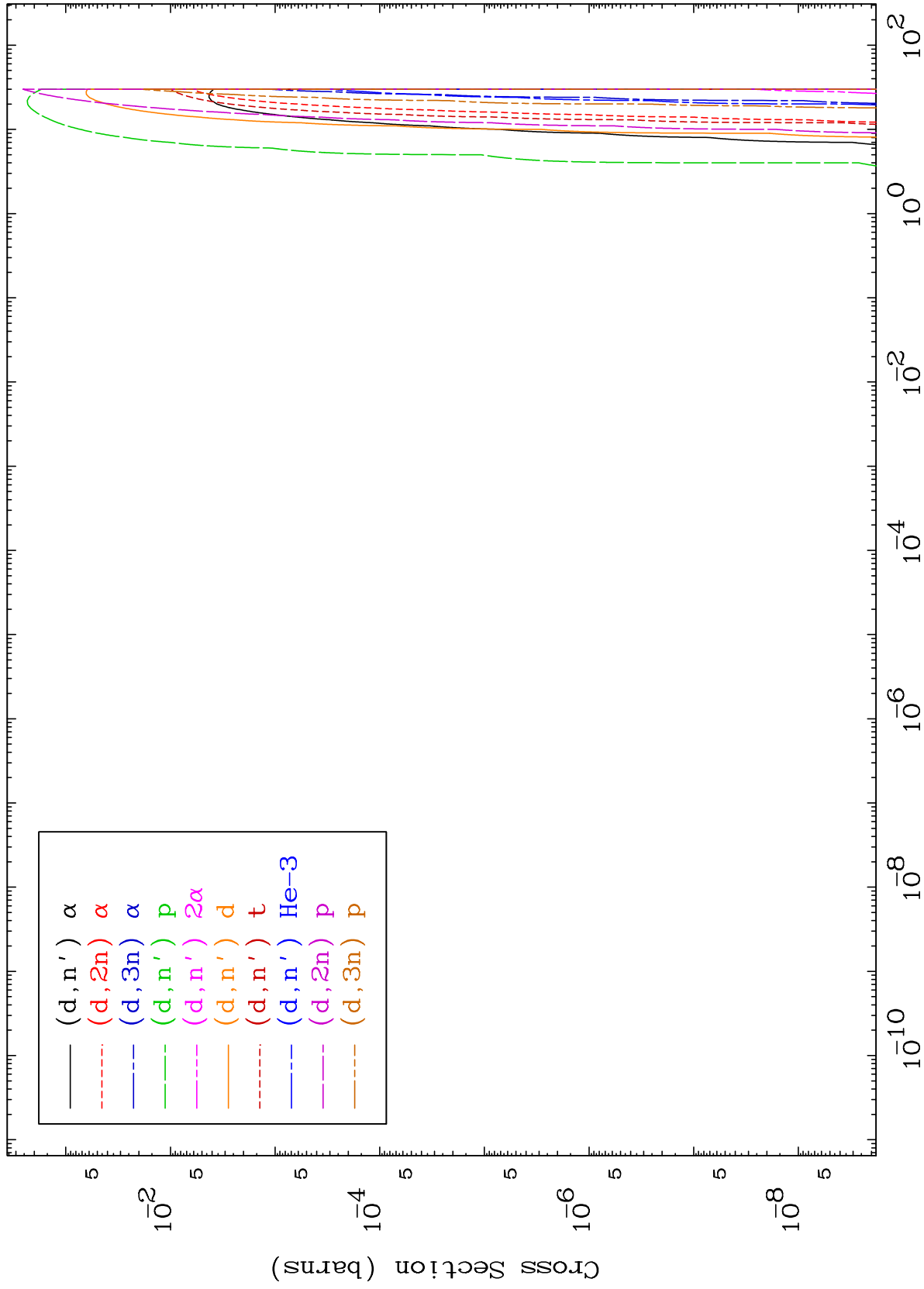
Incident Energy (MeV)

48-Cd-117

MAT 4858

Deuteron Charged Particle  
0 Kelvin Cross Sections

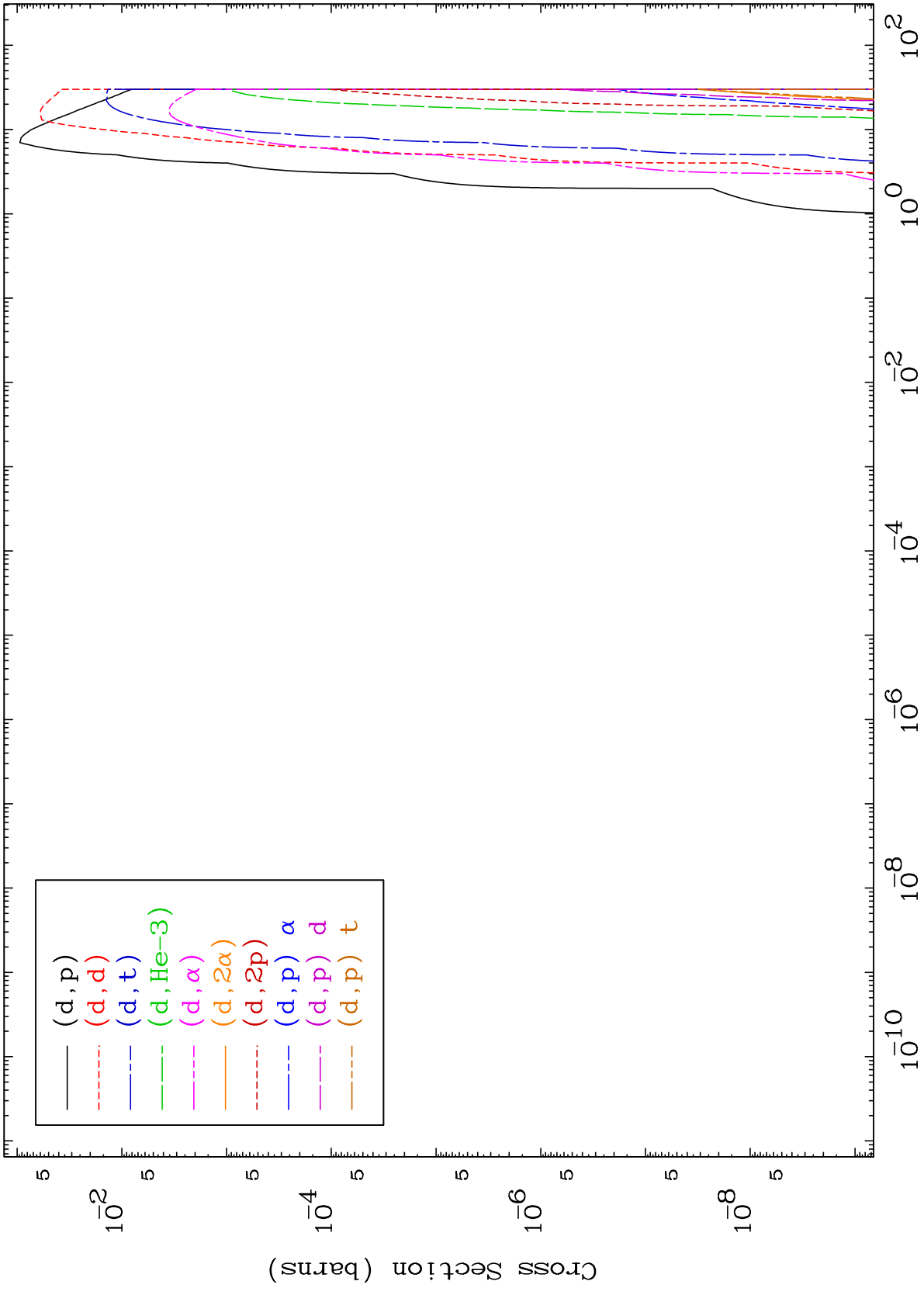
48-Cd-117



MAT 4858

Deuteron Charged Particle  
0 Kelvin Cross Sections

48-Cd-117



5

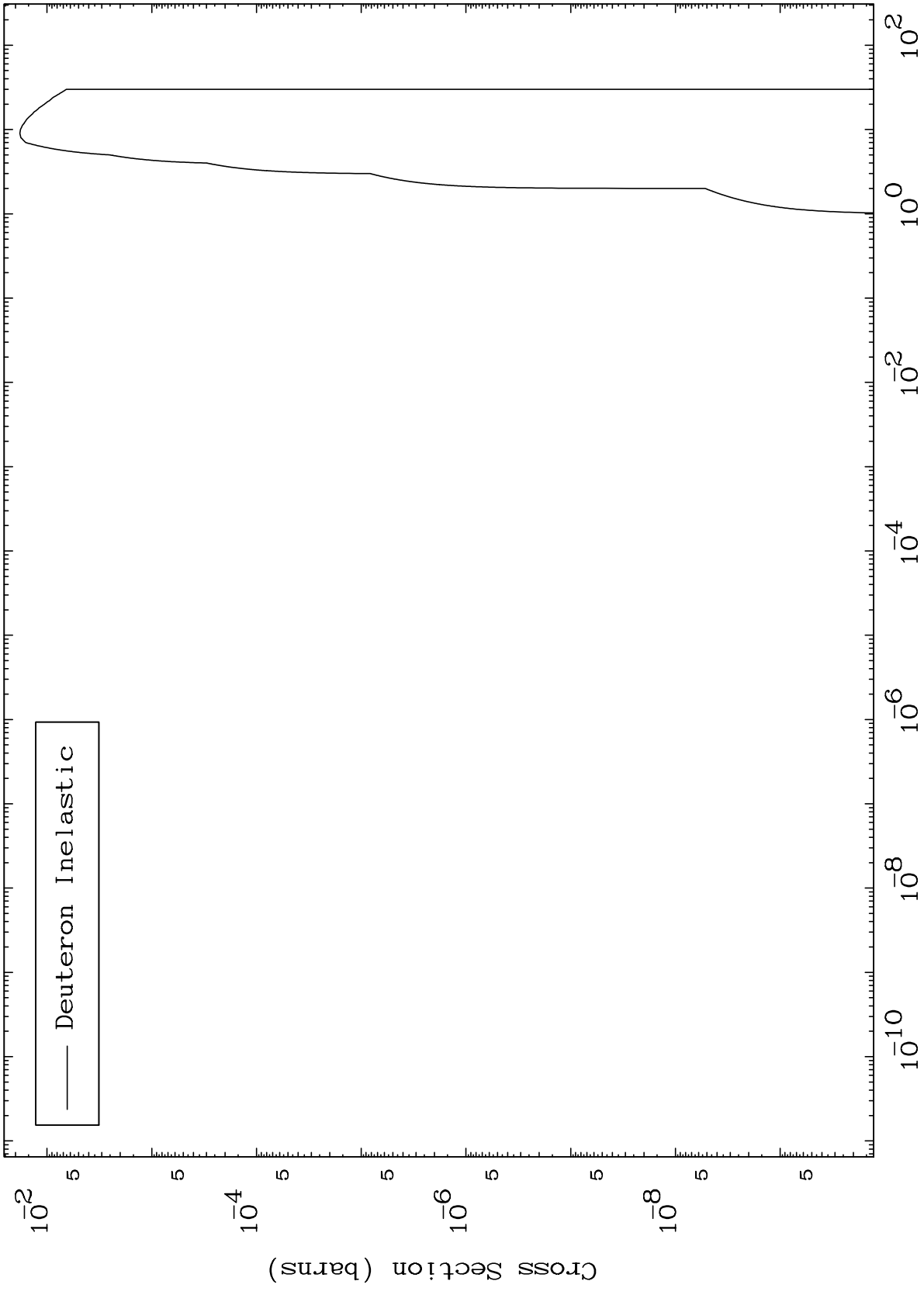
Incident Energy (MeV)

48-Cd-117

MAT 4858

(d,n') Level  
0 Kelvin Cross Sections

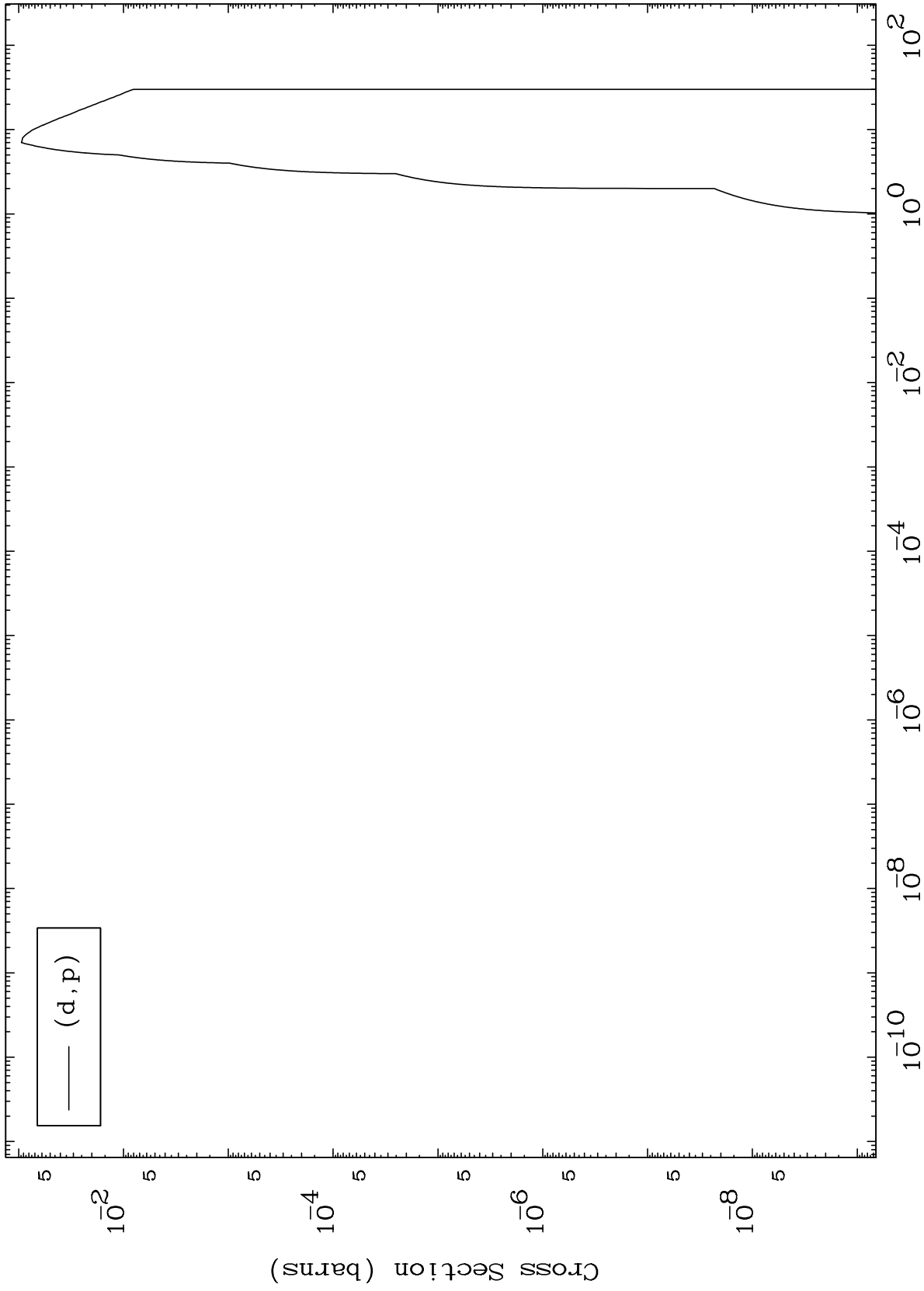
48-Cd-117



MAT 4858

(d,p) Levels  
0 Kelvin Cross Sections

48-Cd-117



7

Incident Energy (MeV)

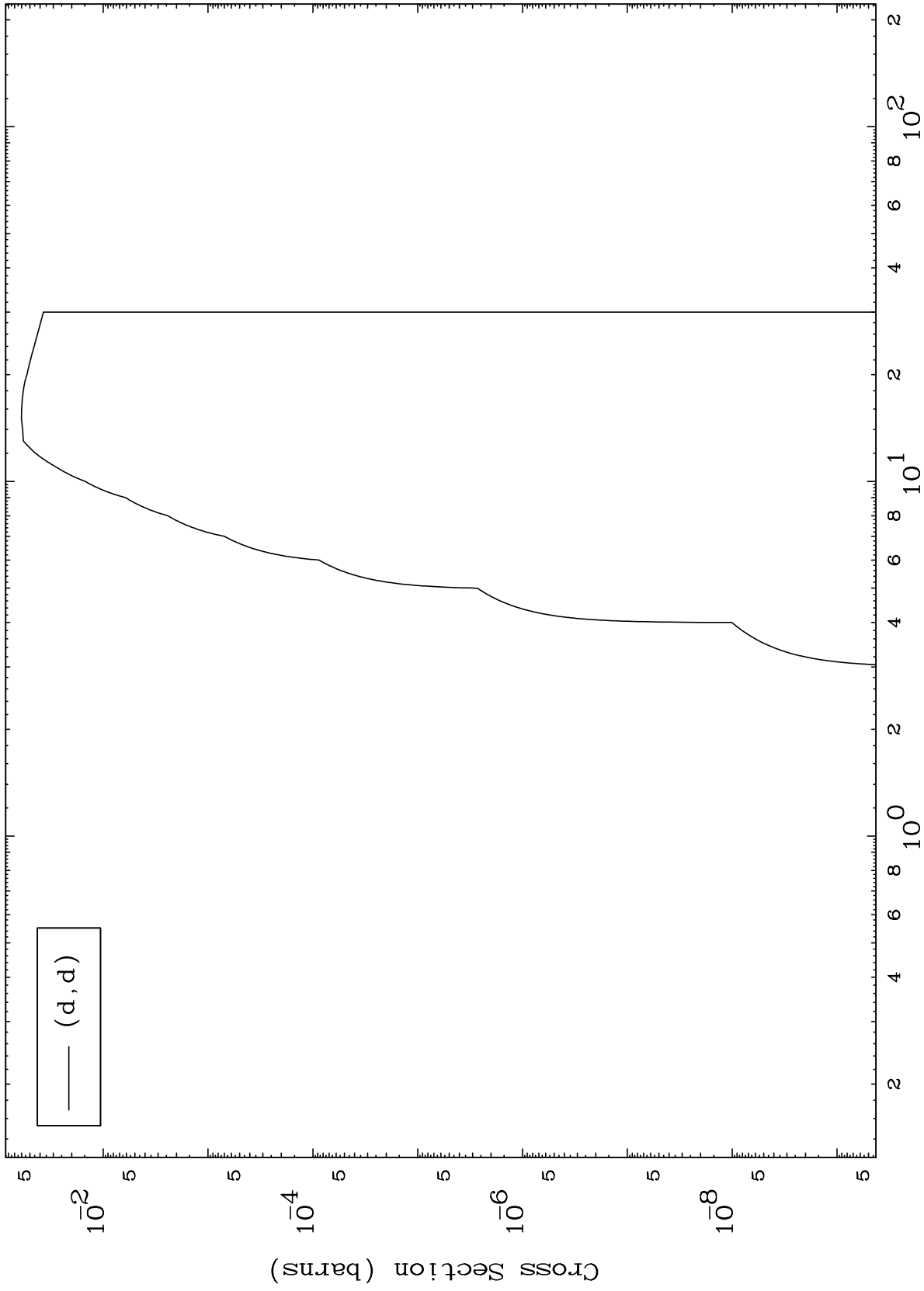
48-Cd-117



MAT 4858

(d,d) Levels  
0 Kelvin Cross Sections

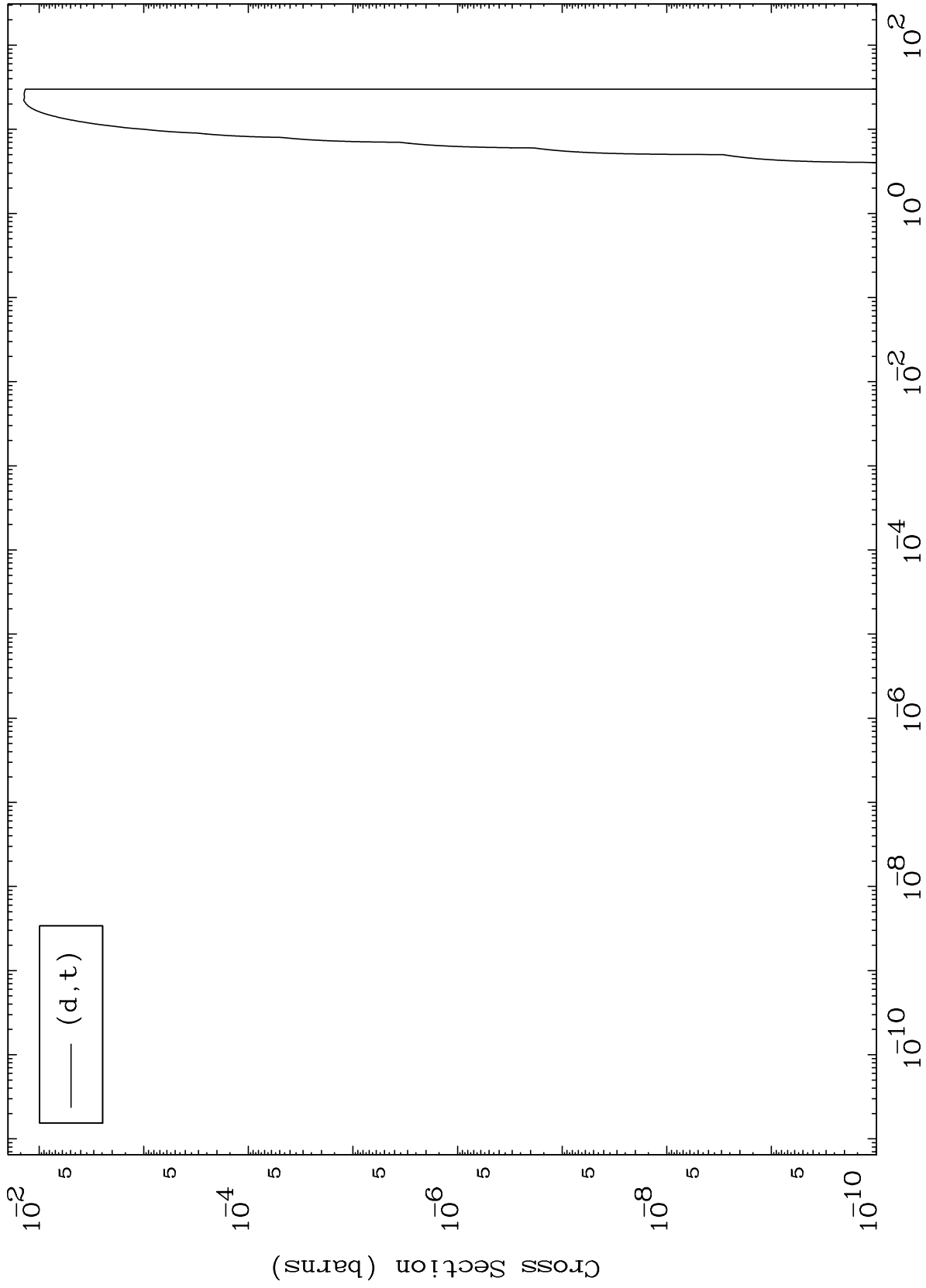
48-Cd-117



MAT 4858

(d,t) Levels  
0 Kelvin Cross Sections

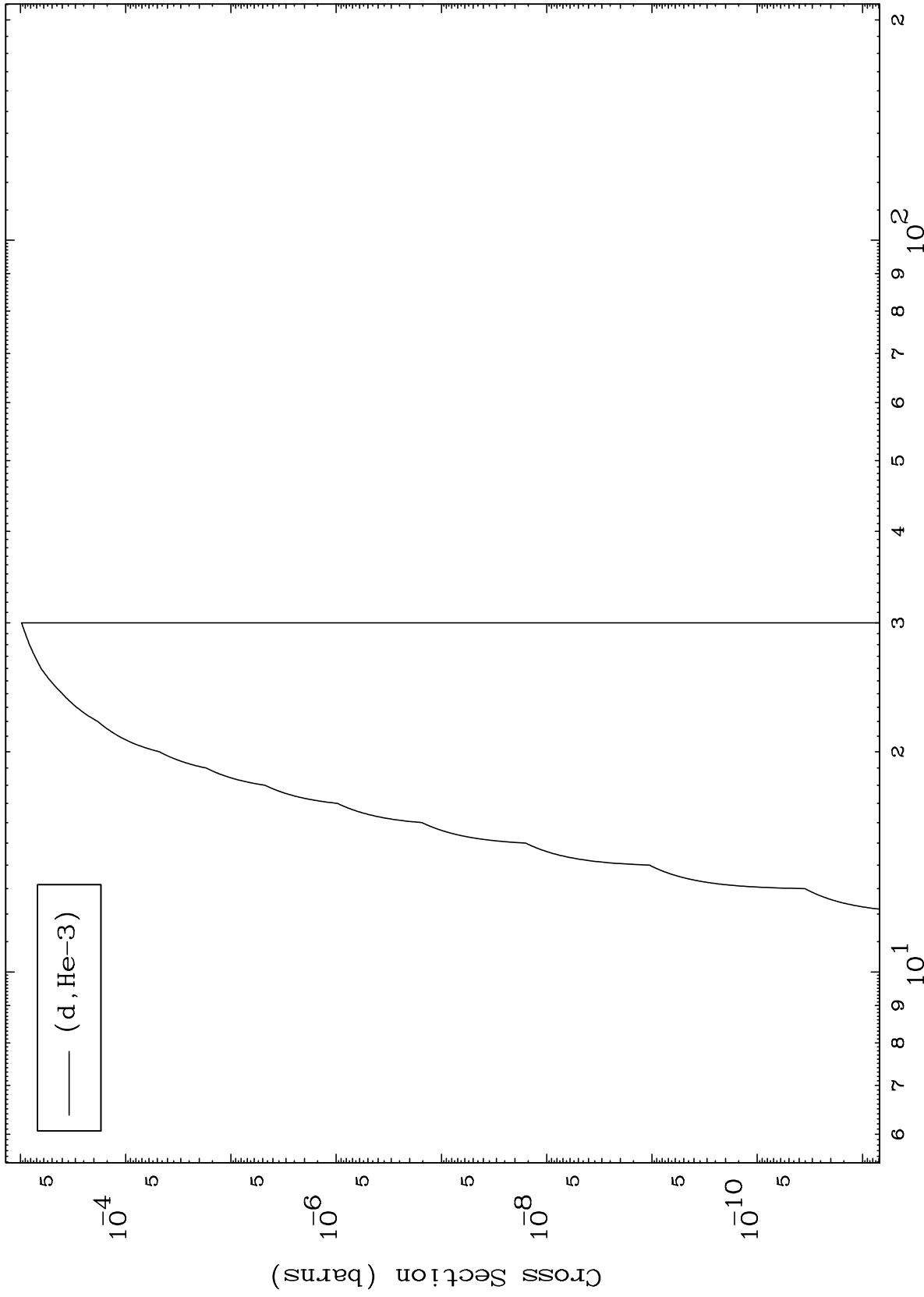
48-Cd-117



MAT 4858

(d,He3) Levels  
0 Kelvin Cross Sections

48-Cd-117



10

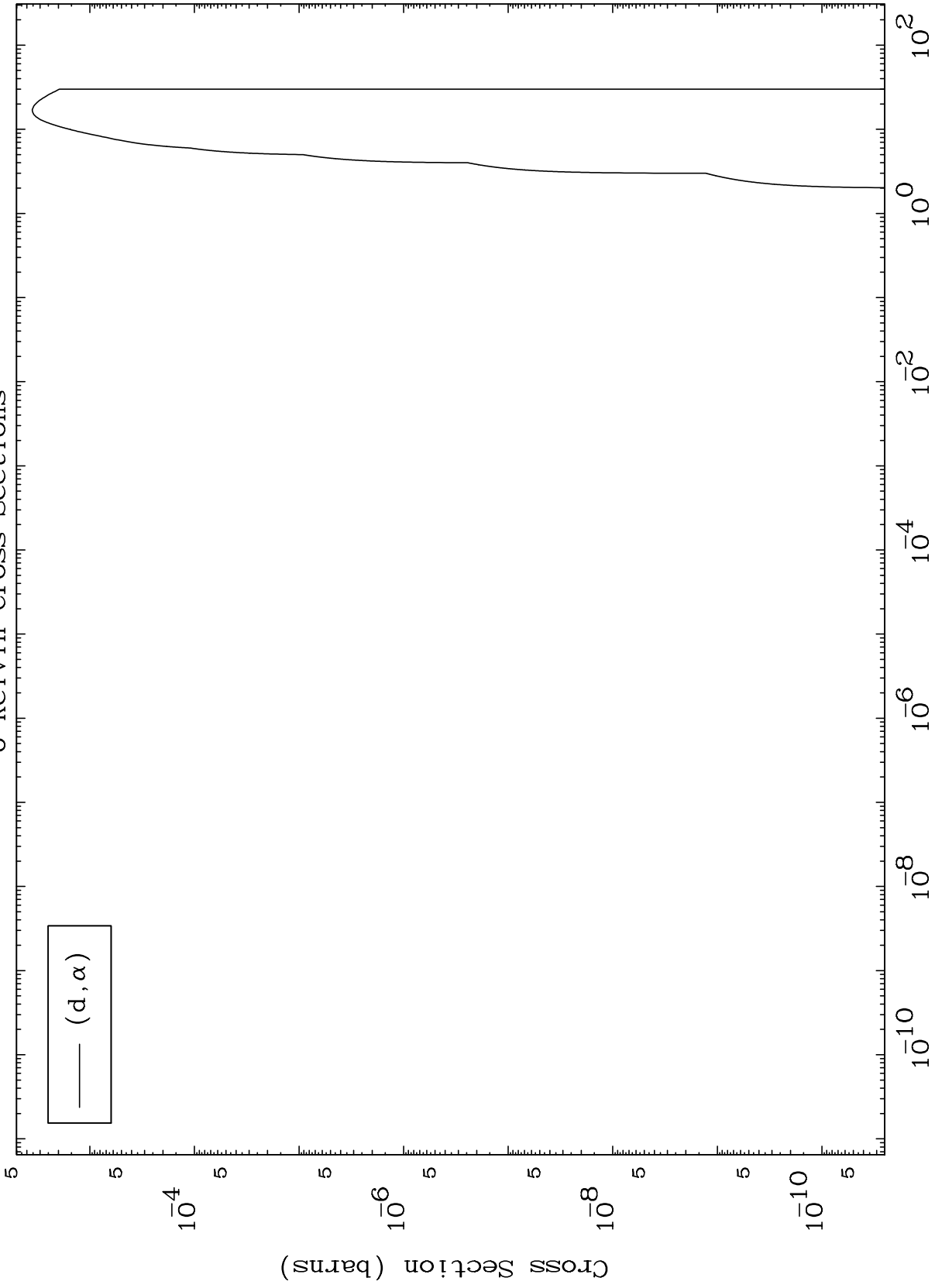
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



11

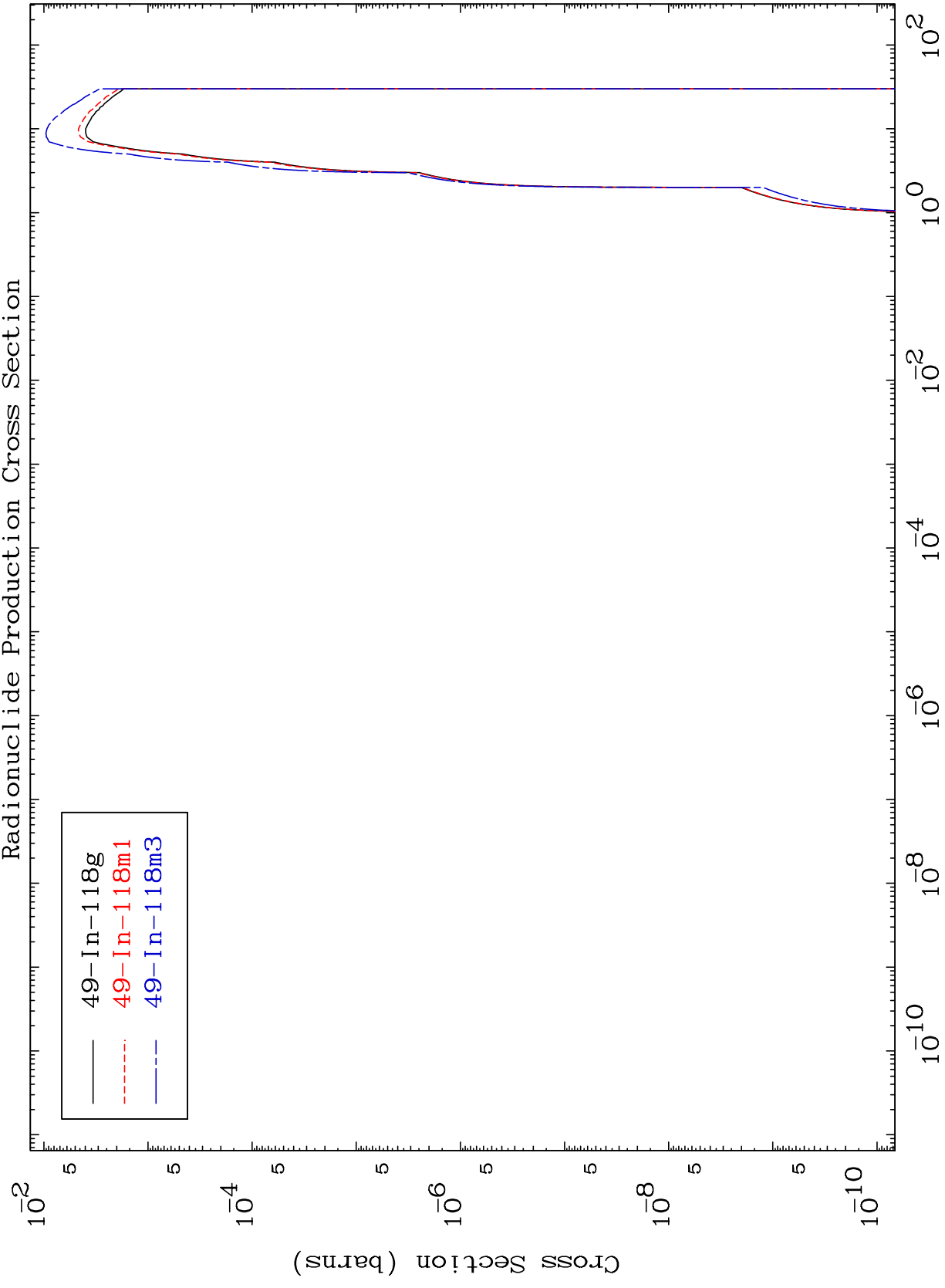
Incident Energy (MeV)

48-Cd-117

MAT 4858

Deuteron Inelastic  
Radionuclide Production Cross Section

48-Cd-117

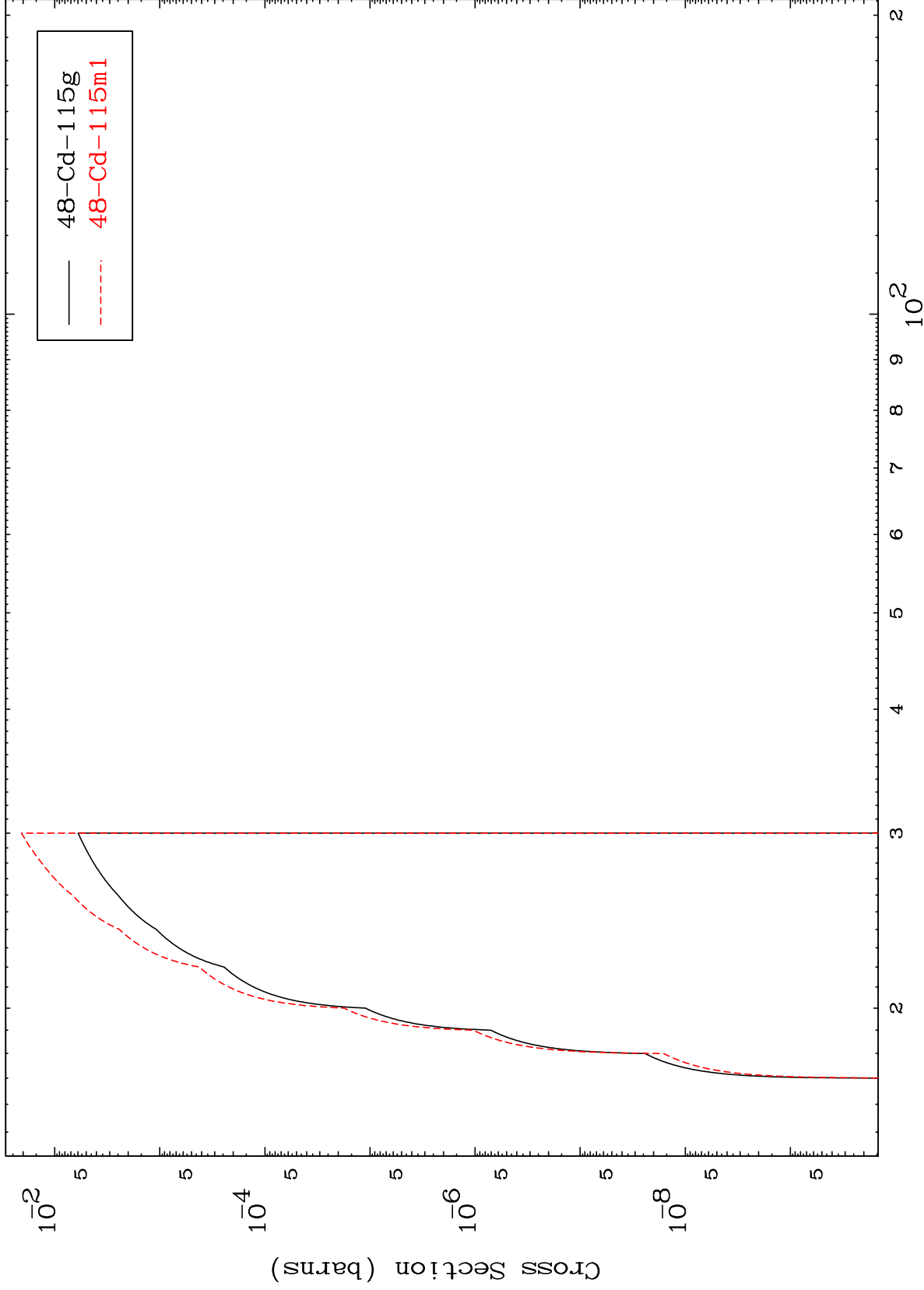


MAT 4858

(d,2n) d

48-Cd-117

Radionuclide Production Cross Section



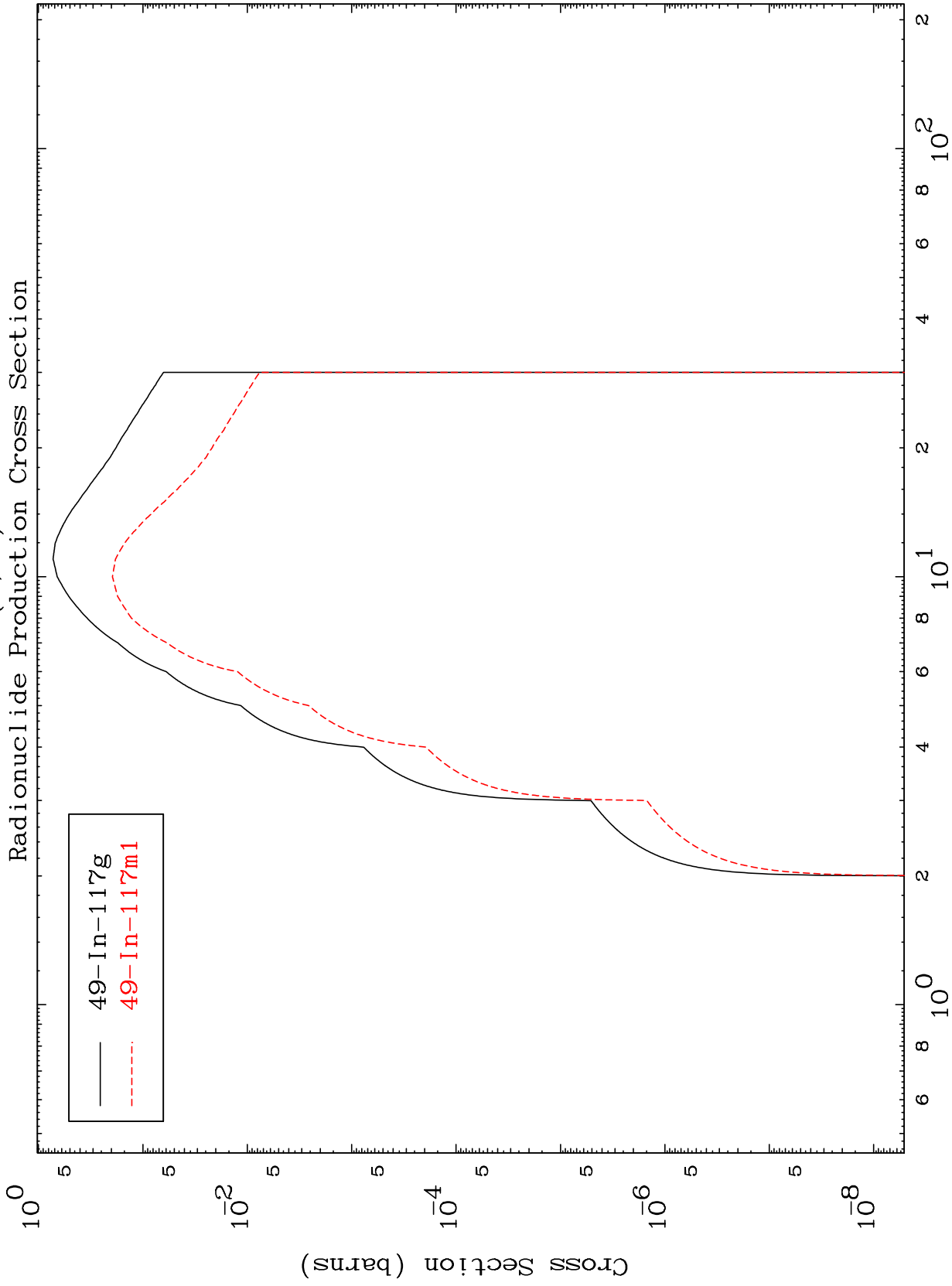
13

Incident Energy (MeV)

48-Cd-117

MAT 4858

48-Cd-117



14

Incident Energy (MeV)

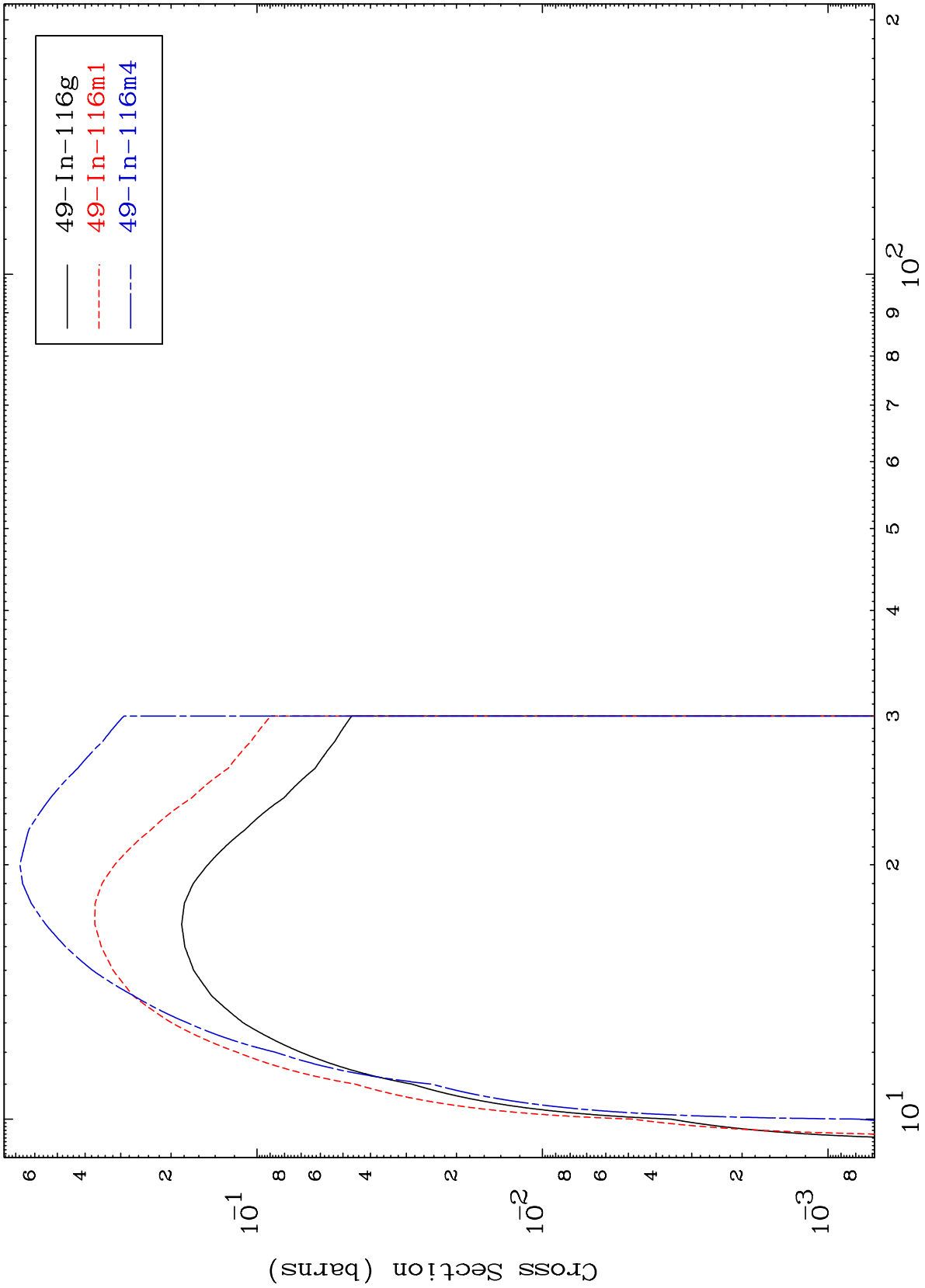
48-Cd-117

MAT 4858

(d,3n)

48-Cd-117

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-117

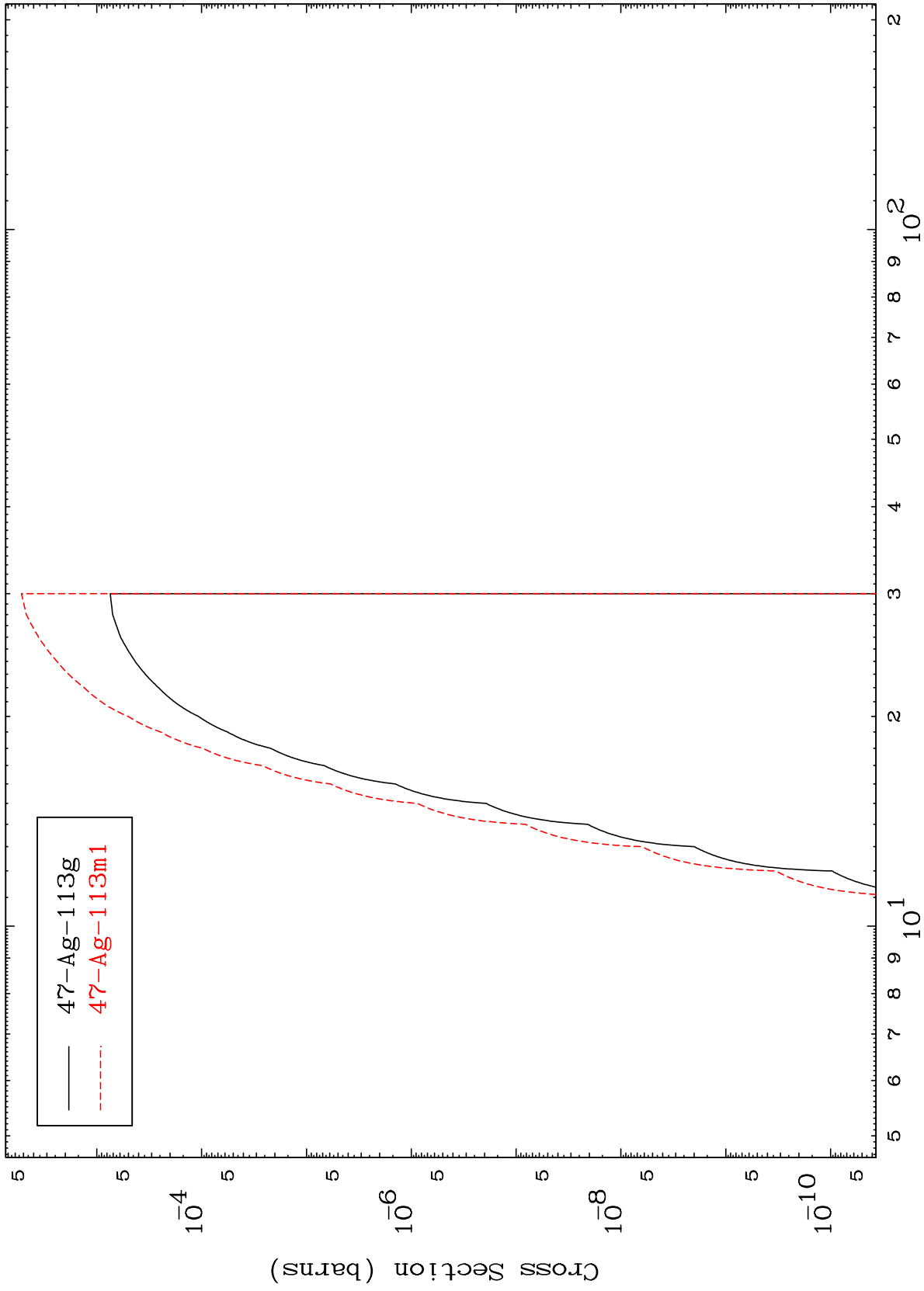


MAT 4858

(d,2n)  $\alpha$

48-Cd-117

Radionuclide Production Cross Section



16

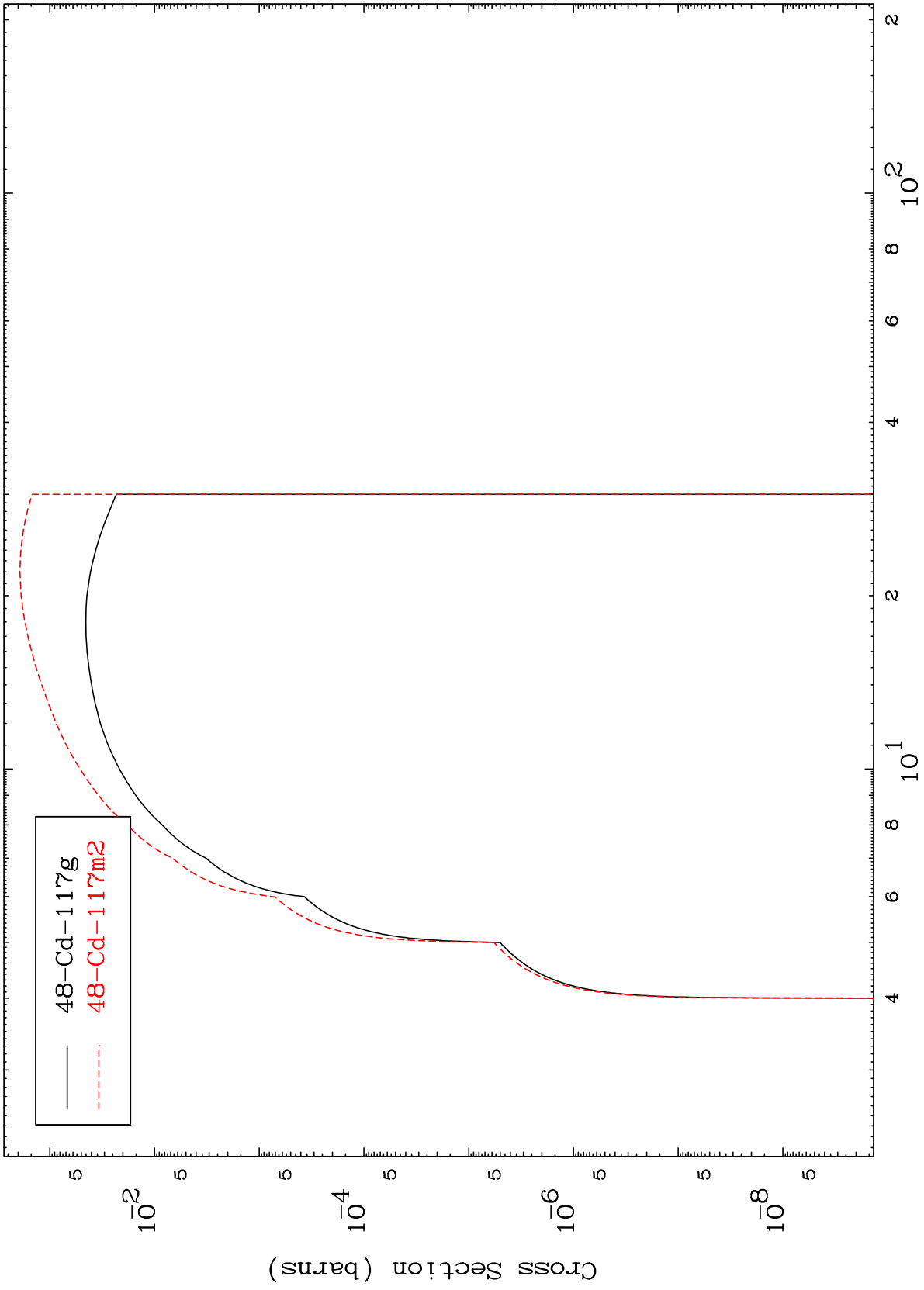
Incident Energy (MeV)

48-Cd-117

MAT 4858

48-Cd-117

(d,n') p  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

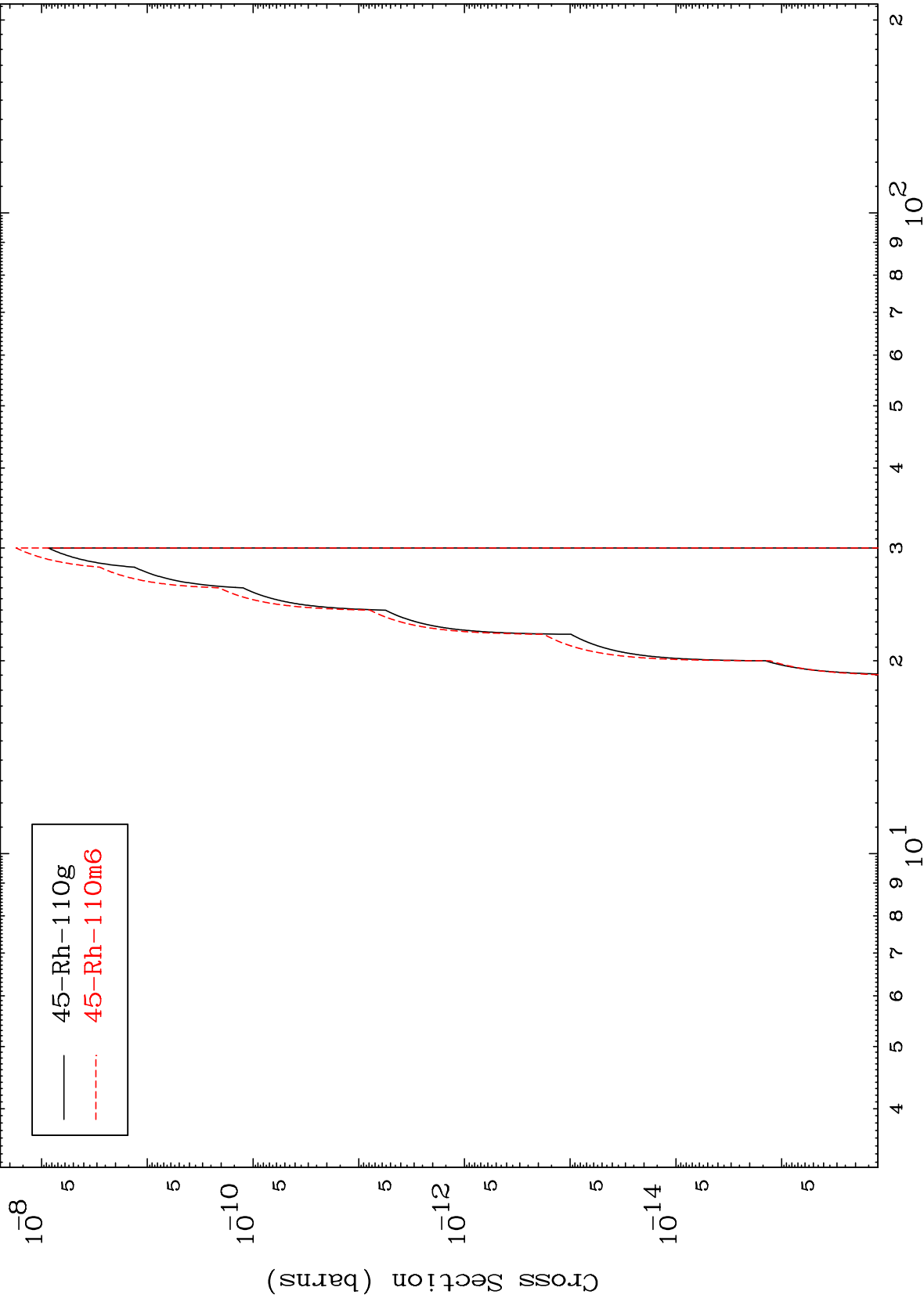
48-Cd-117

MAT 4858

(d,n') 2 $\alpha$

48-Cd-117

Radionuclide Production Cross Section



18

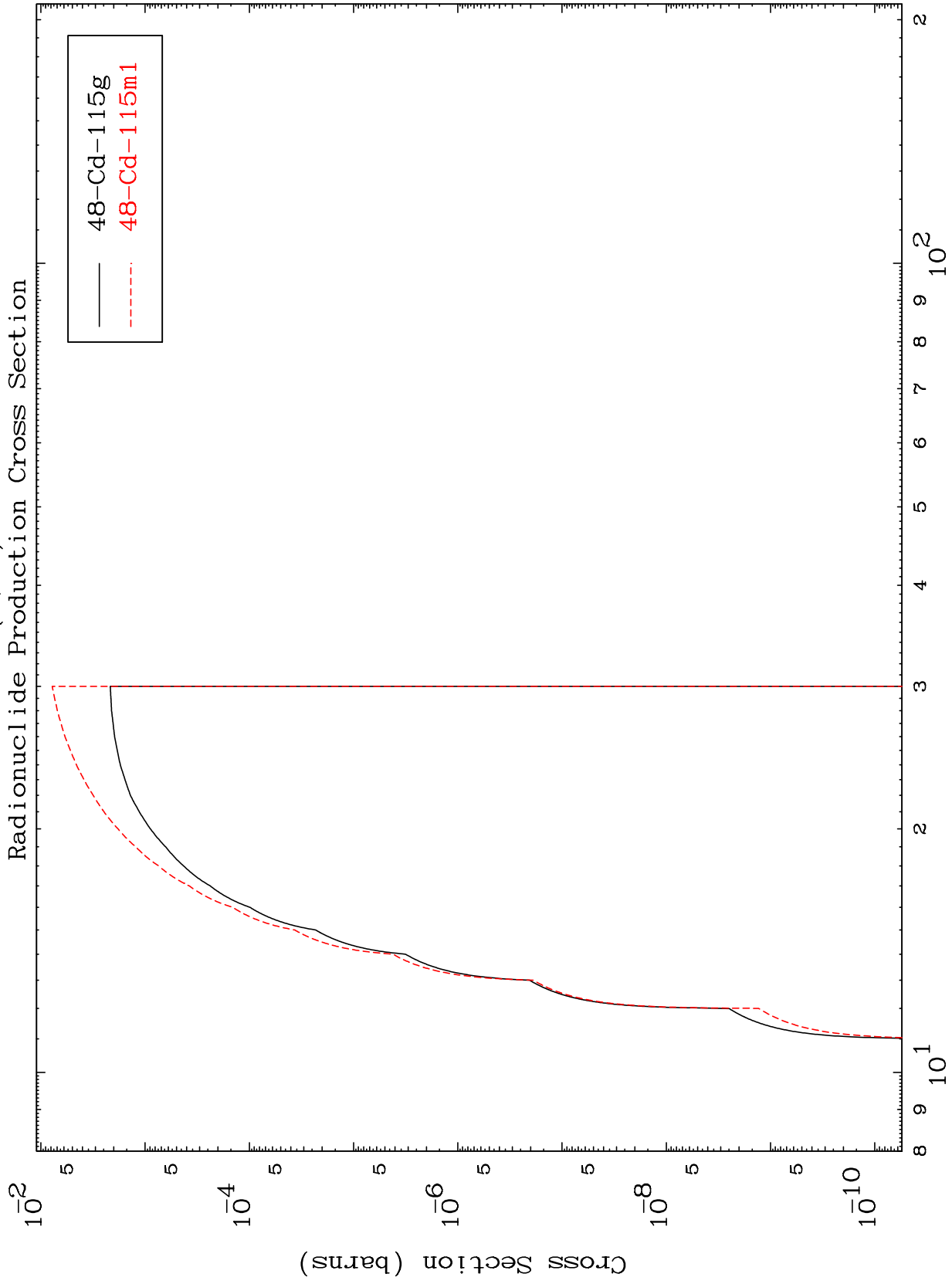
Incident Energy (MeV)

48-Cd-117

MAT 4858

(d,n') t

48-Cd-117



19

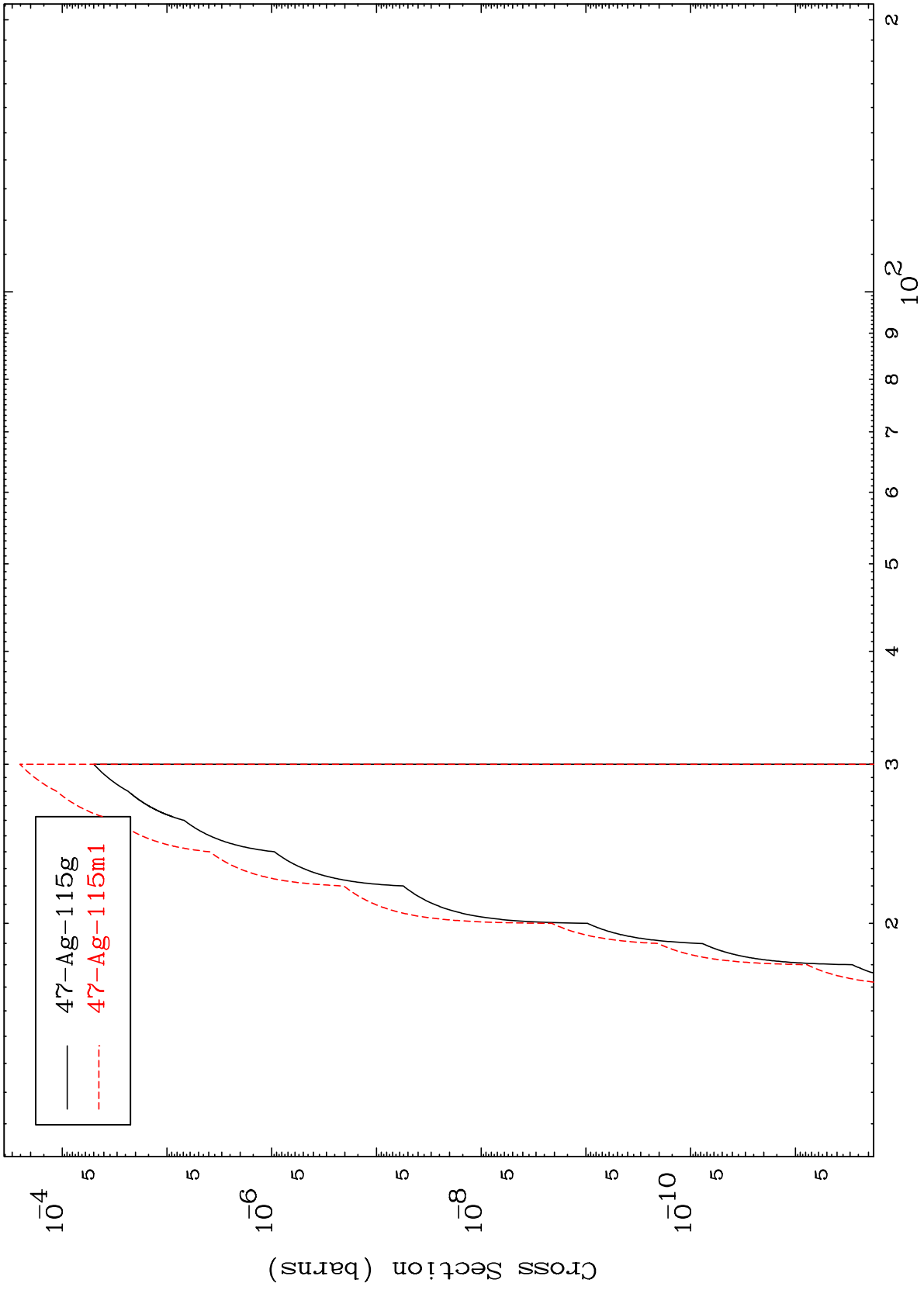
48-Cd-117

MAT 4858

(d, n') He-3

48-Cd-117

Radionuclide Production Cross Section



20

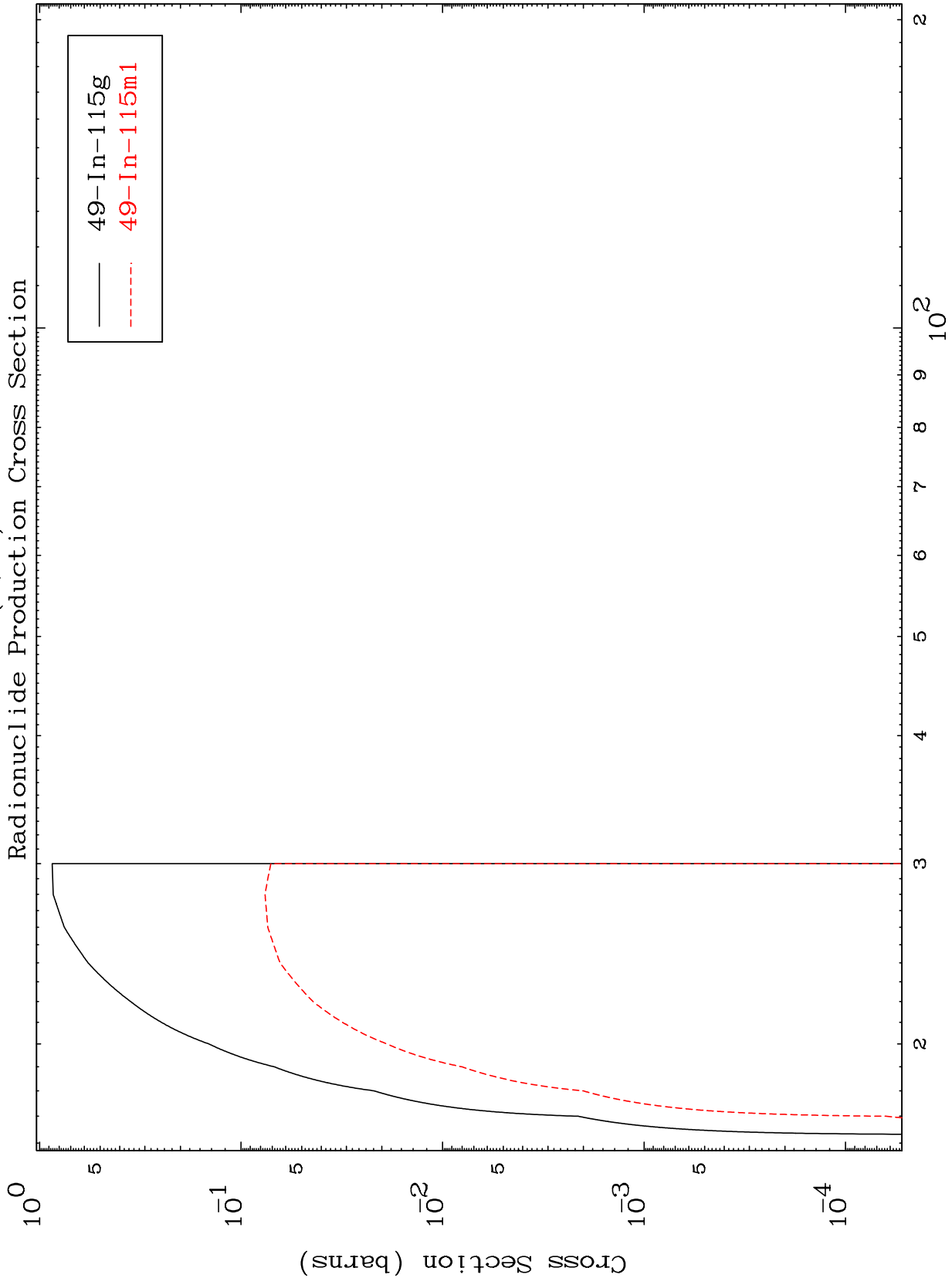
Incident Energy (MeV)

48-Cd-117

MAT 4858

(d,4n)

48-Cd-117



21

48-Cd-117

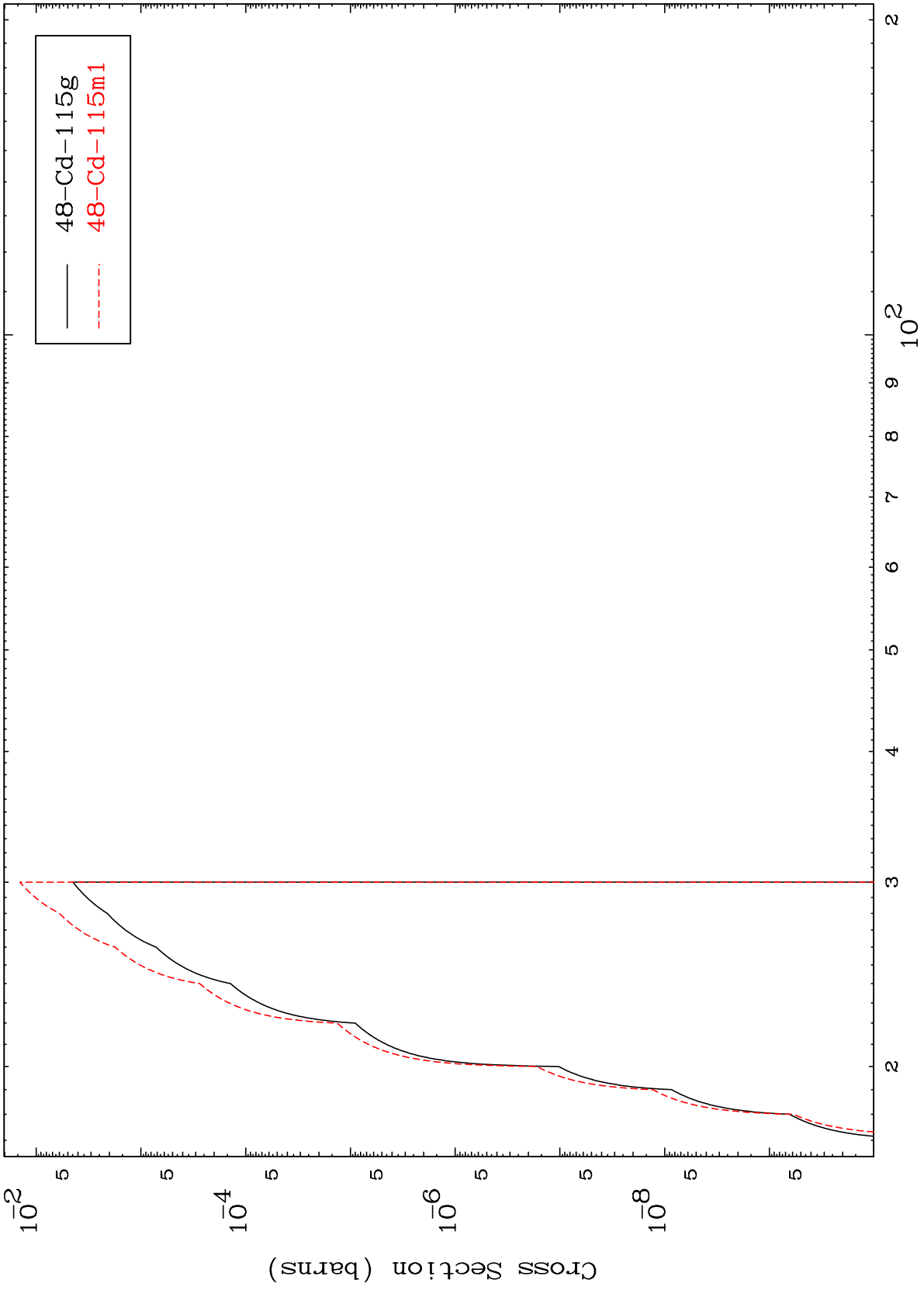
48-Cd-117

MAT 4858

(d,3n) p

48-Cd-117

Radionuclide Production Cross Section



22

Incident Energy (MeV)

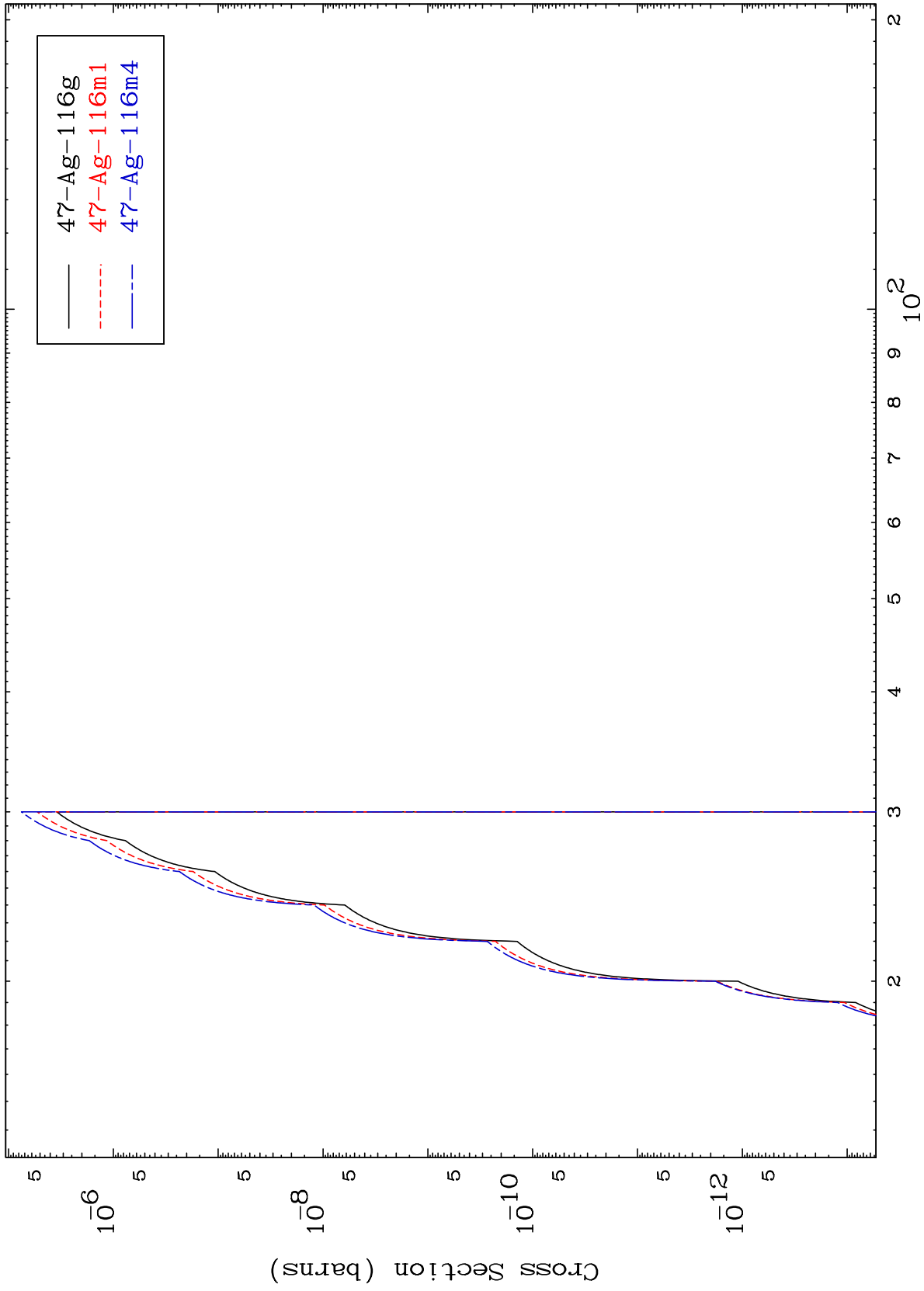
48-Cd-117

MAT 4858

(d,2n) p

48-Cd-117

Radionuclide Production Cross Section



23

Incident Energy (MeV)

48-Cd-117

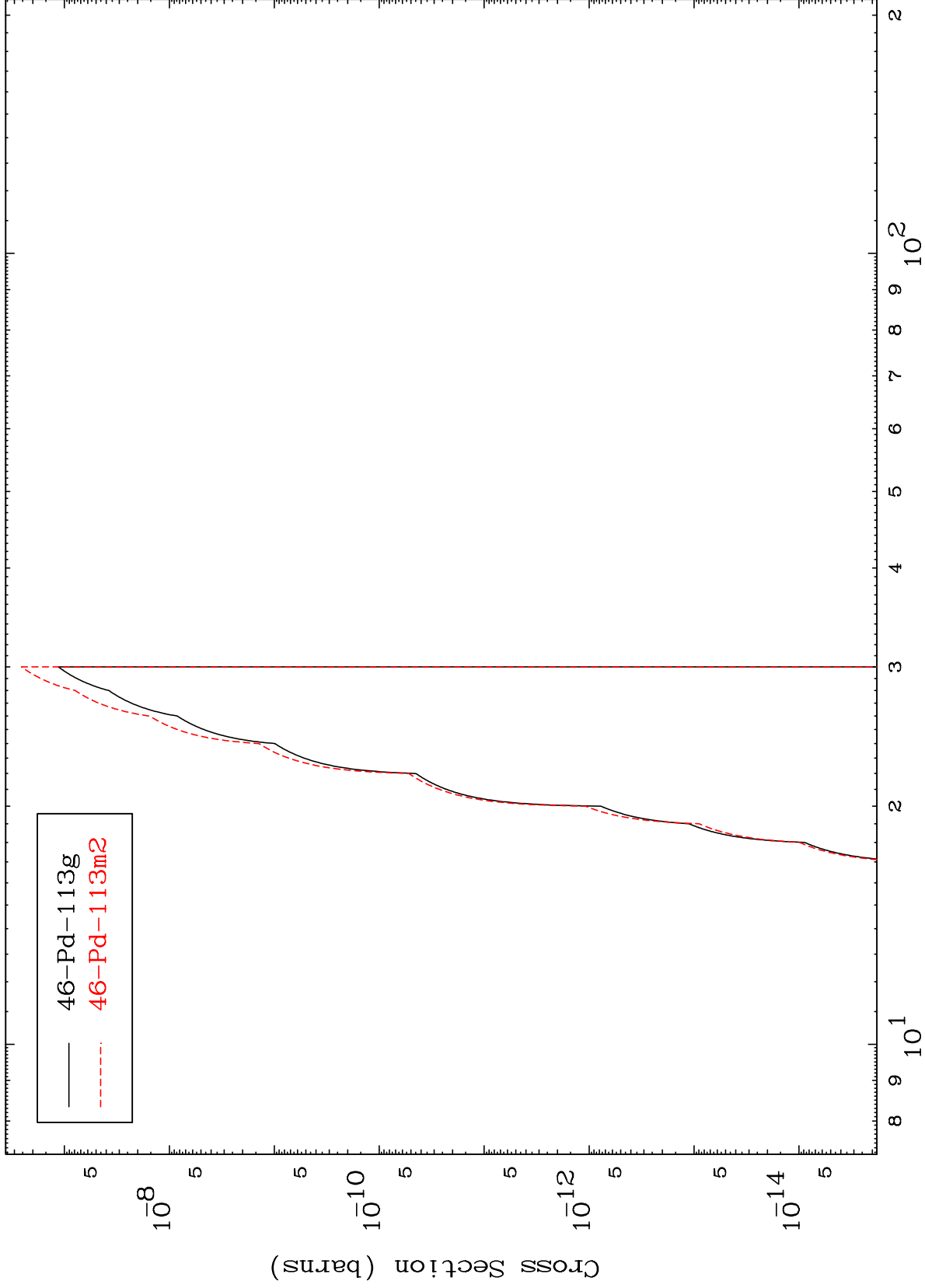


MAT 4858

(d,n') p  $\alpha$

48-Cd-117

Radionuclide Production Cross Section



24

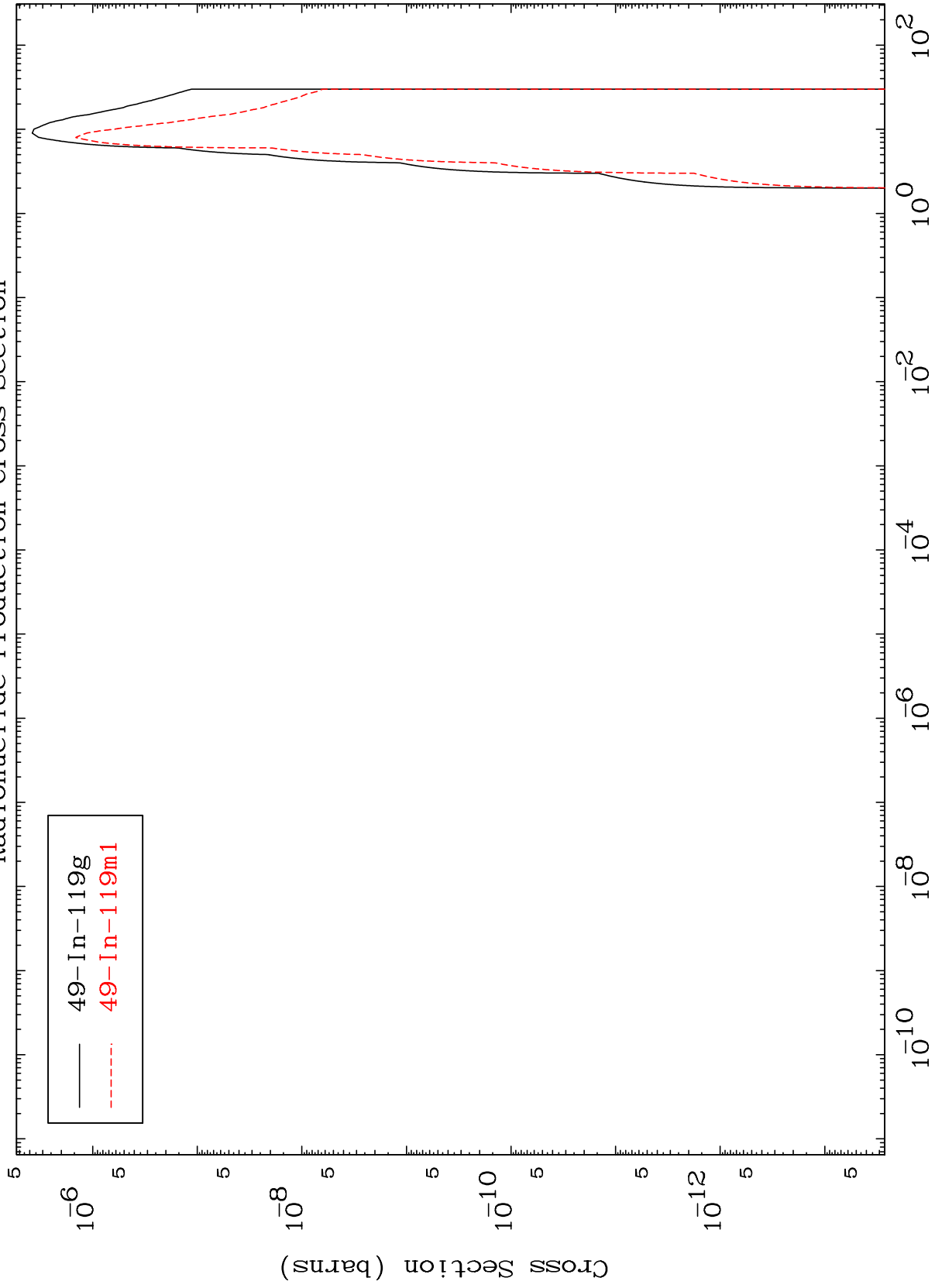
Incident Energy (MeV)

48-Cd-117

MAT 4858

(d,γ)  
Radionuclide Production Cross Section

48-Cd-117

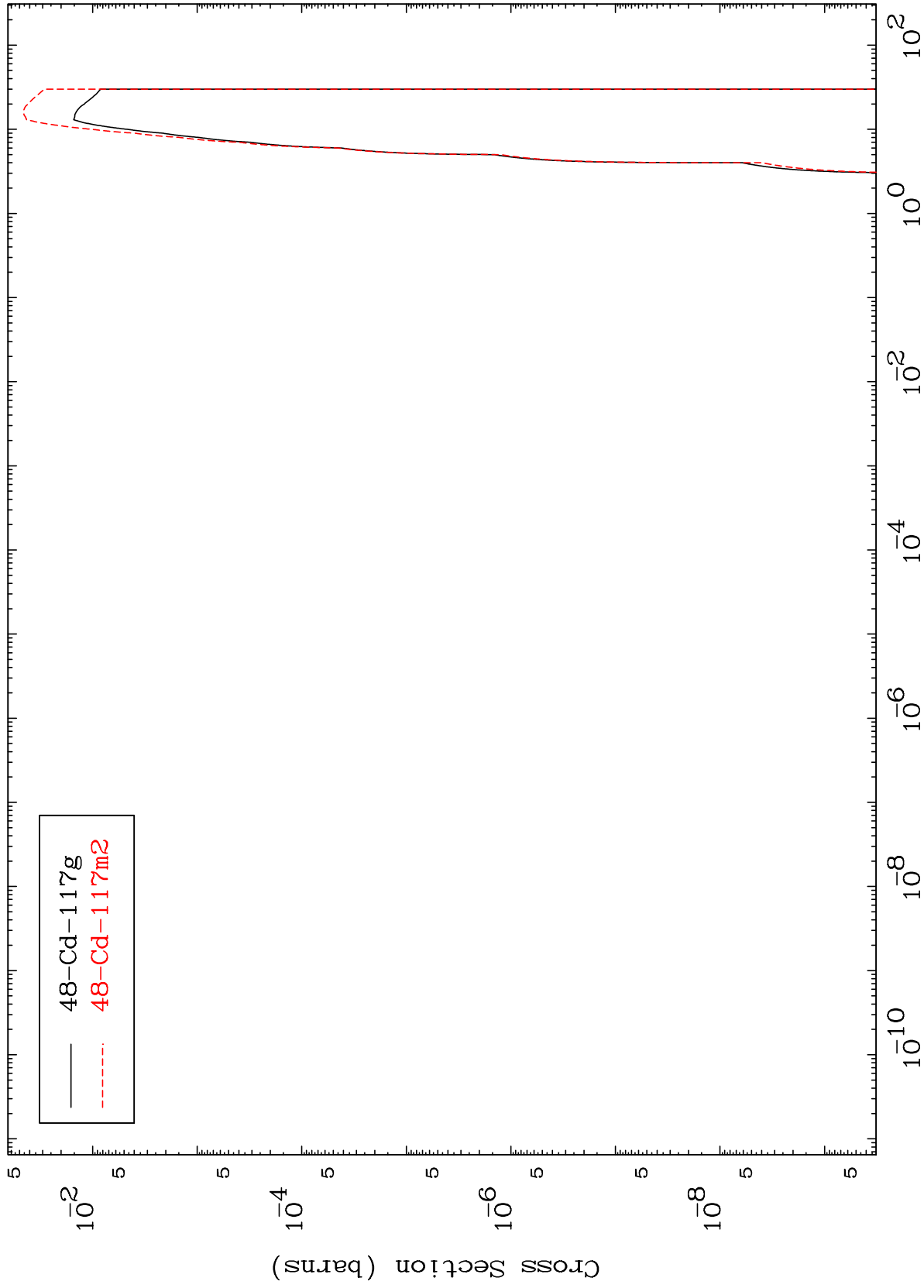


MAT 4858

(d,d)

48-Cd-117

Radionuclide Production Cross Section

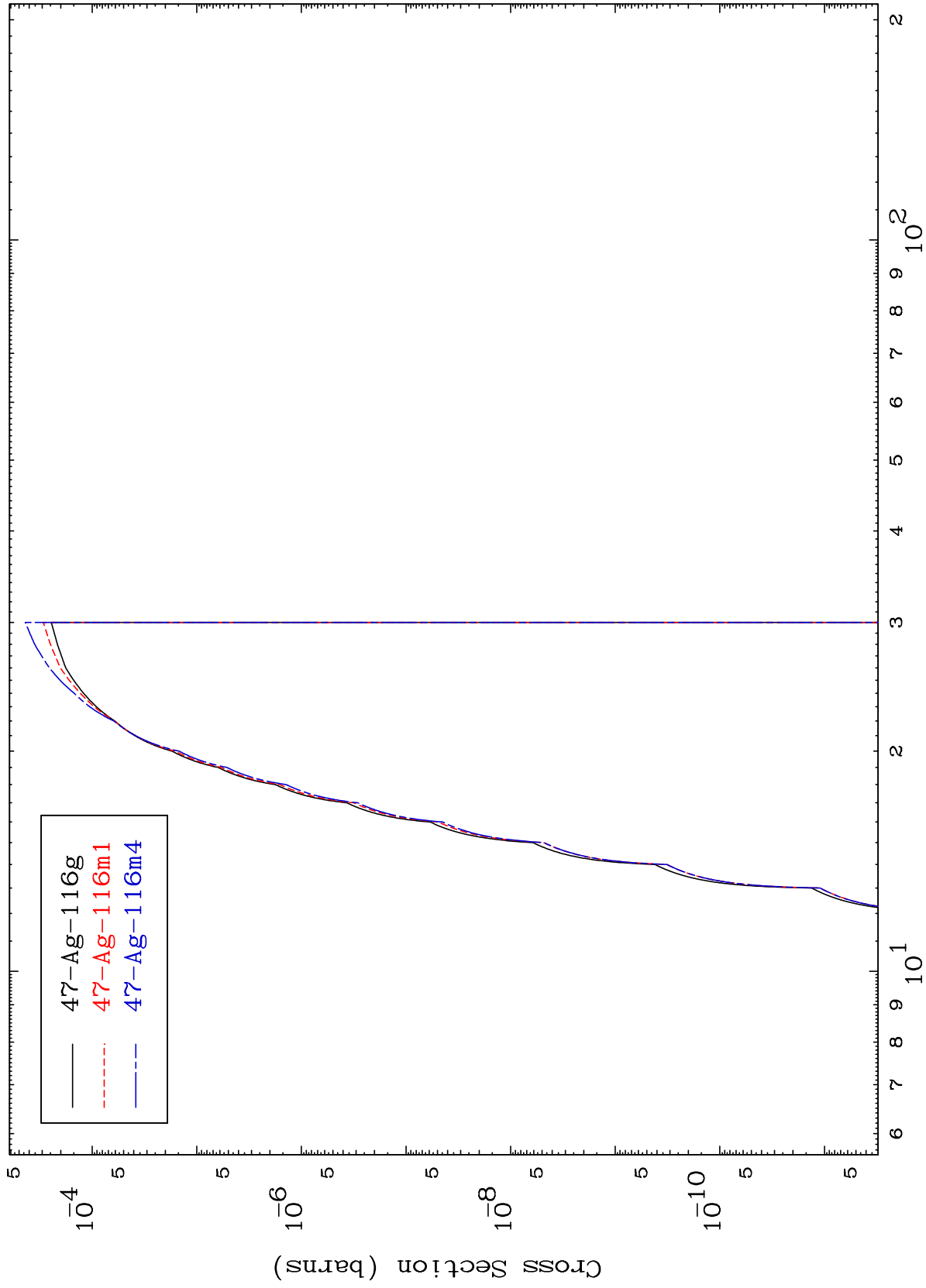


MAT 4858

(d, He-3)

48-Cd-117

Radionuclide Production Cross Section



27

Incident Energy (MeV)

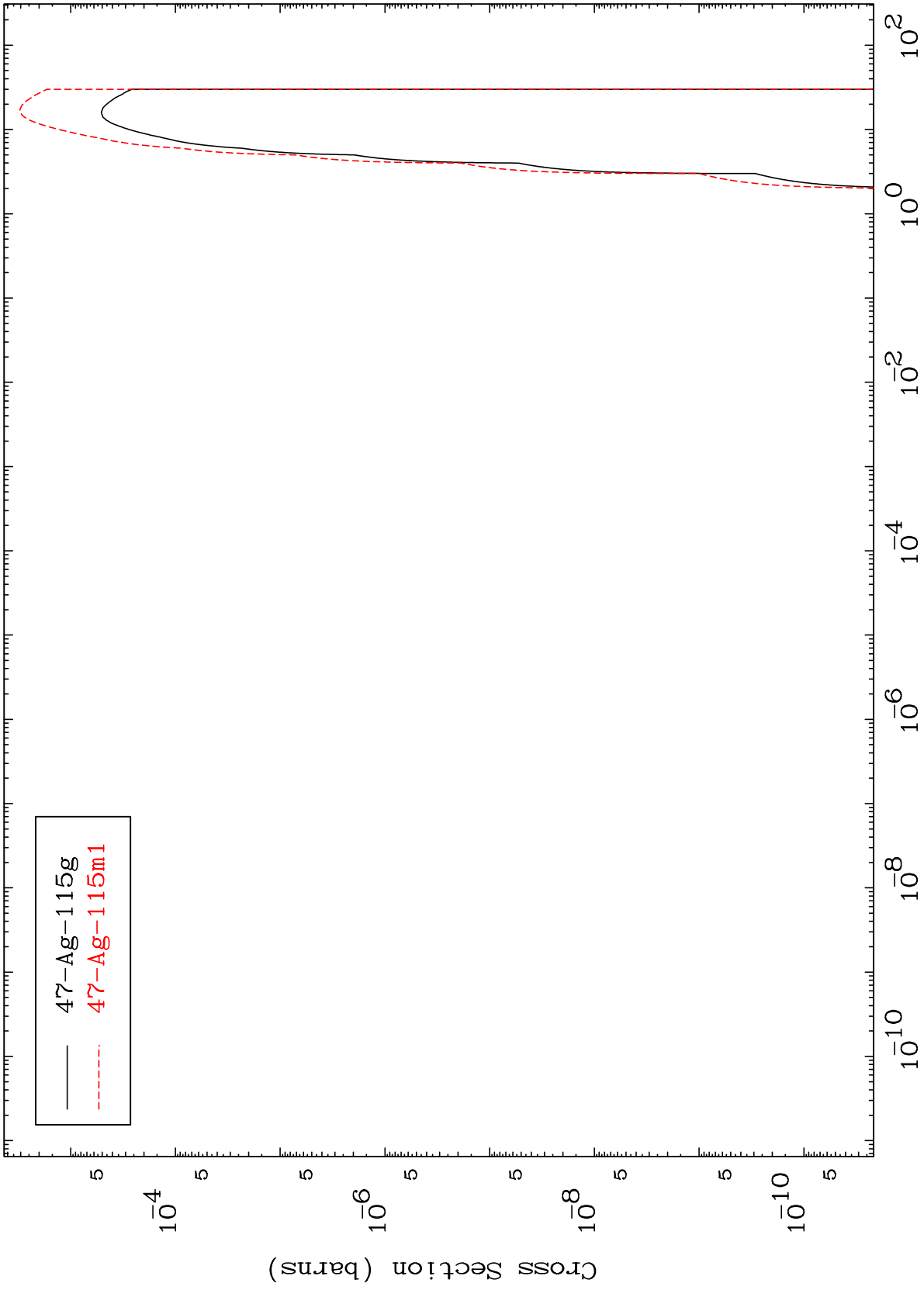
48-Cd-117

MAT 4858

(d,  $\alpha$ )

48-Cd-117

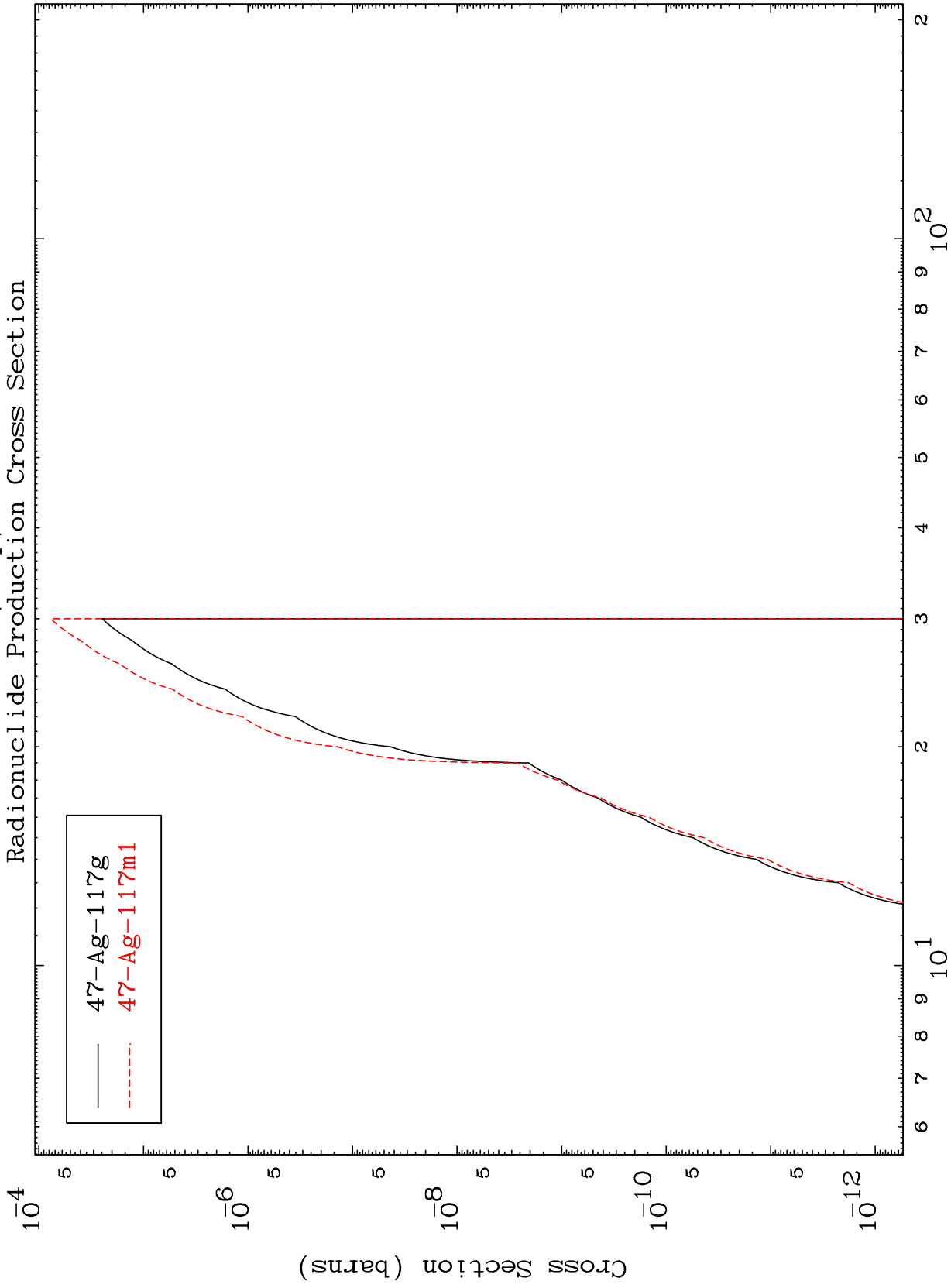
Radionuclide Production Cross Section



MAT 4858

48-Cd-117

Radionuclide Production Cross Section  
(d,2p)



29

Incident Energy (MeV)

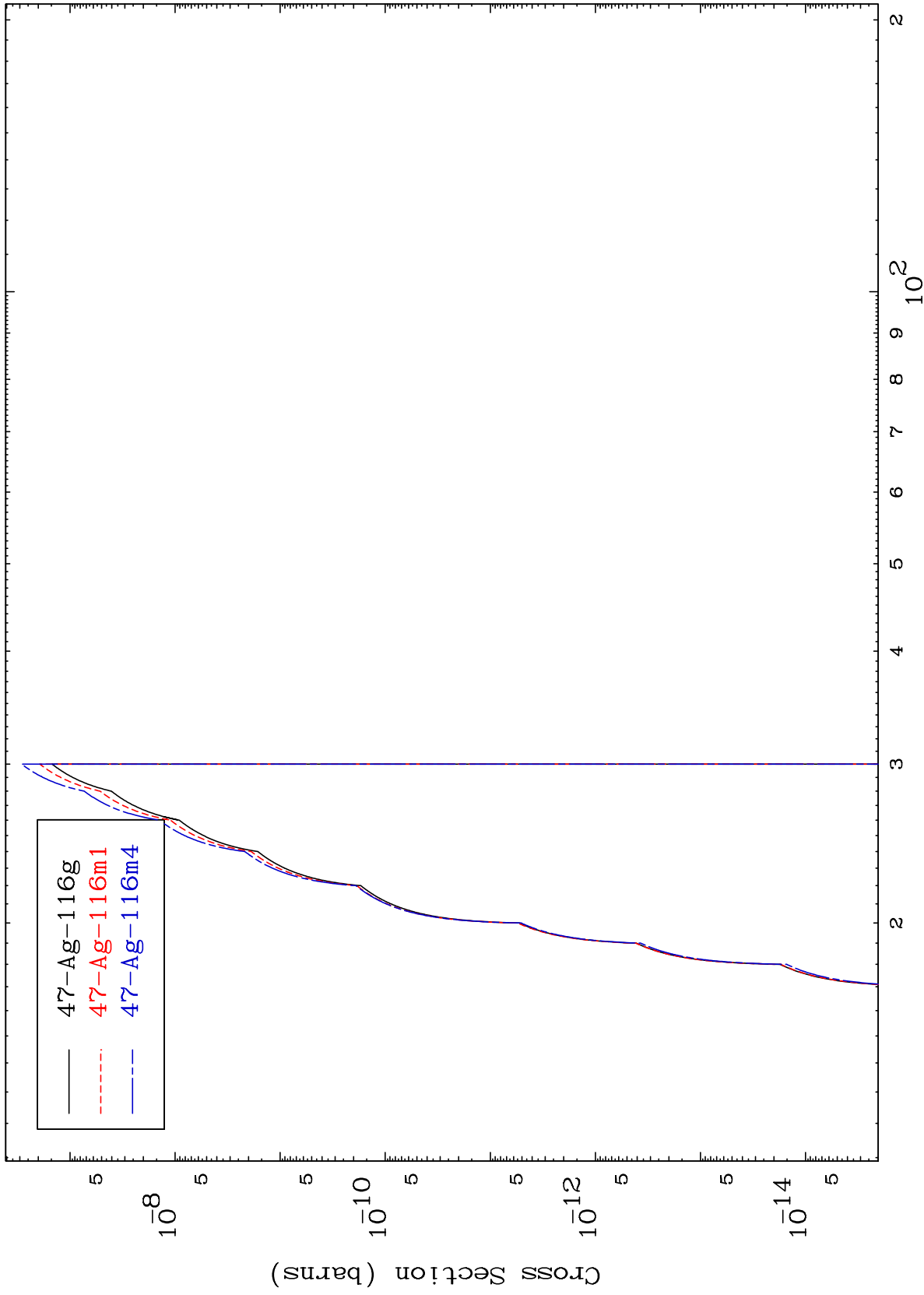
48-Cd-117

MAT 4858

(d,p) d

48-Cd-117

Radionuclide Production Cross Section



30

Incident Energy (MeV)

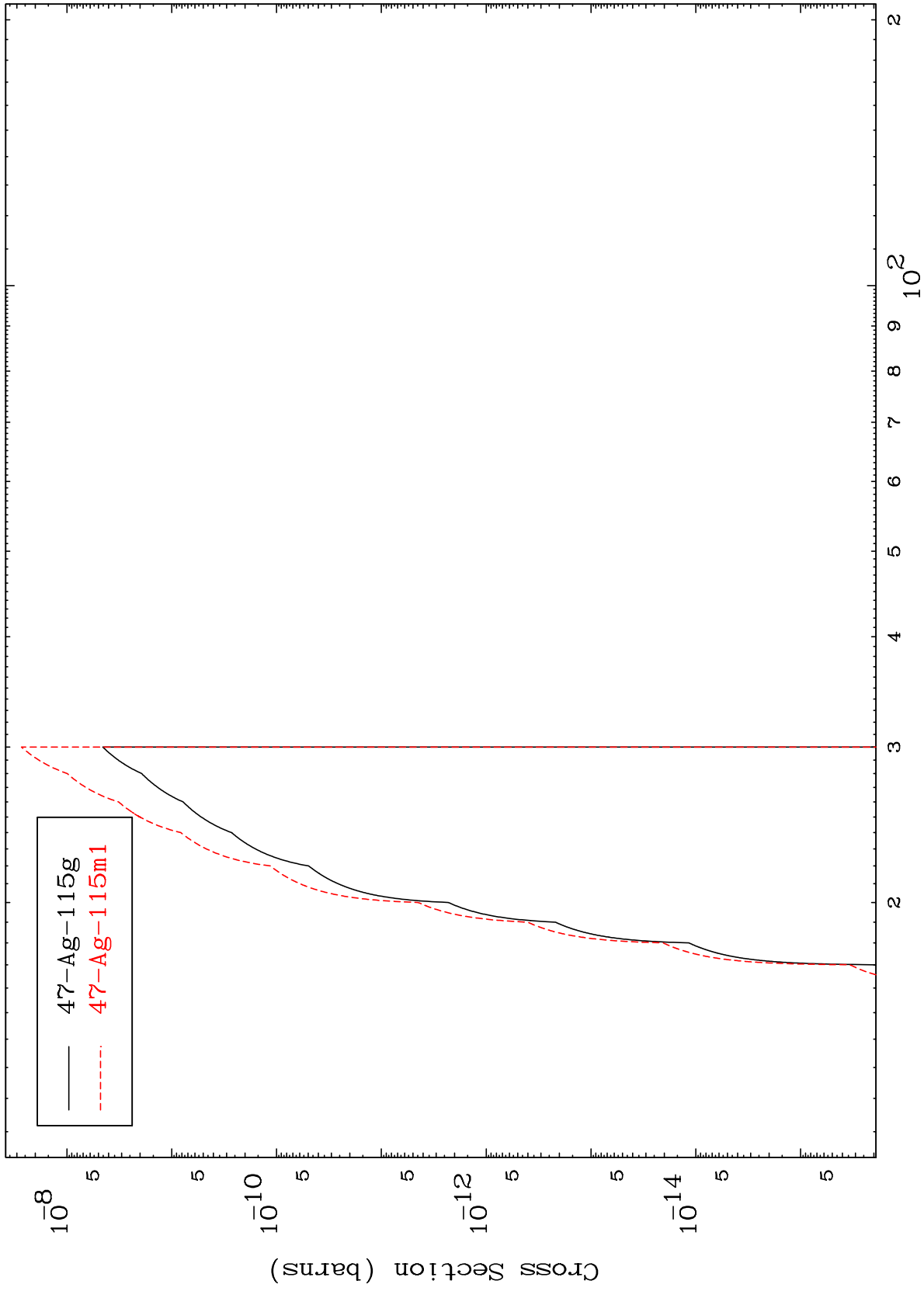
48-Cd-117

MAT 4858

(d,p) t

48-Cd-117

Radionuclide Production Cross Section



31

Incident Energy (MeV)

48-Cd-117

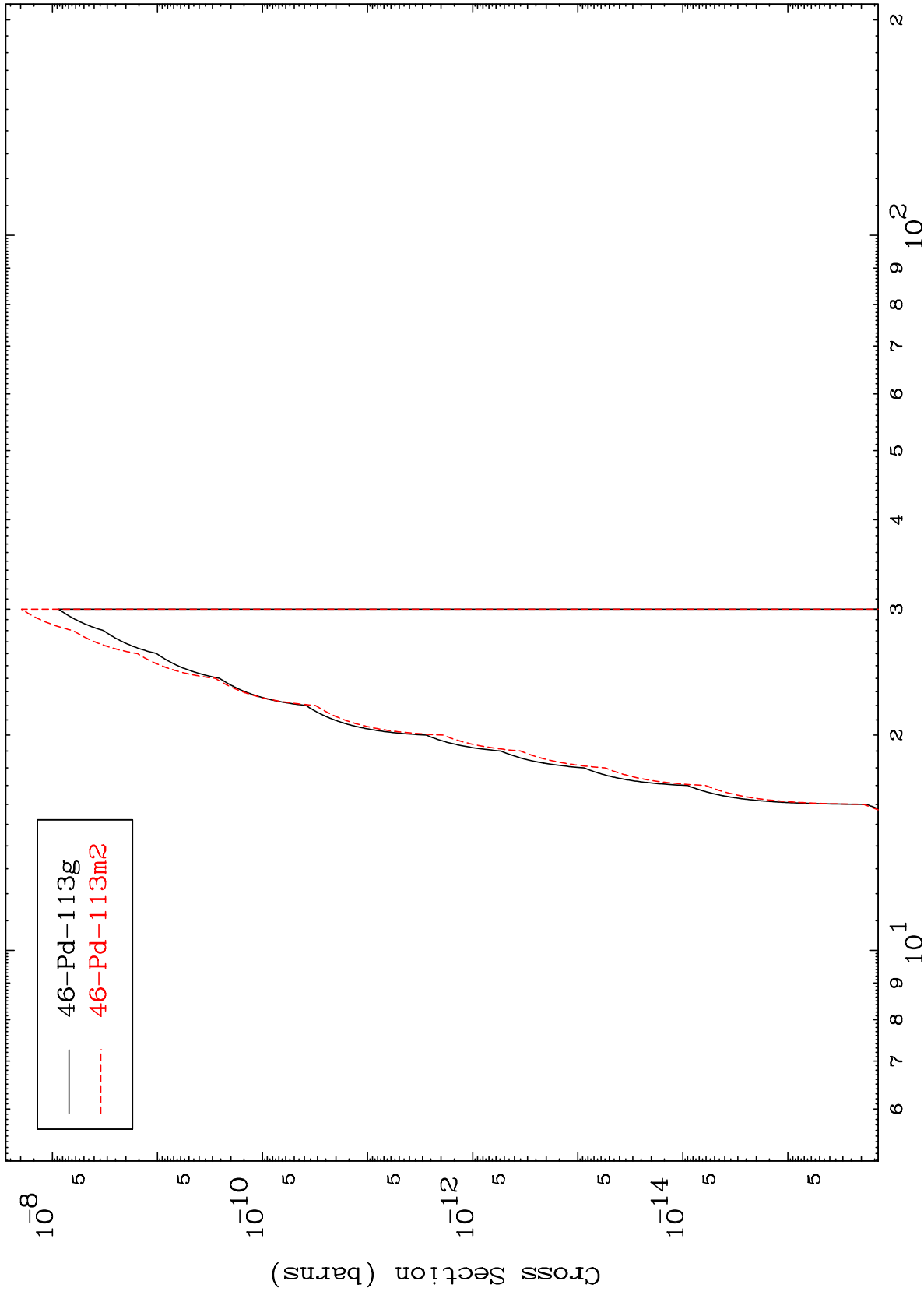


MAT 4858

(d,d)  $\alpha$

48-Cd-117

Radionuclide Production Cross Section



32

48-Cd-117

48-Cd-117