

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

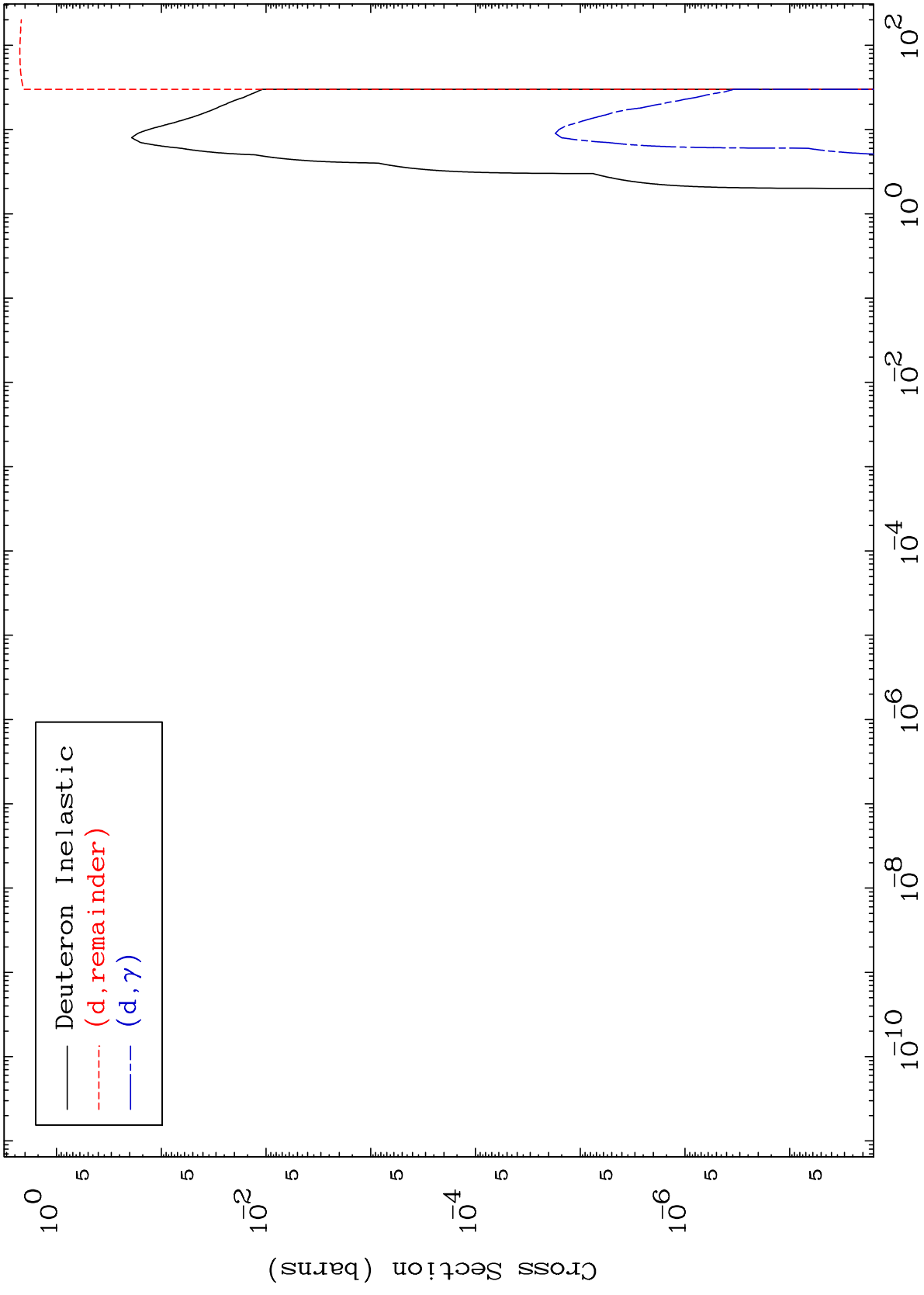
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4843

Deuteron Major  
0 Kelvin Cross Sections

48-Cd-112



1

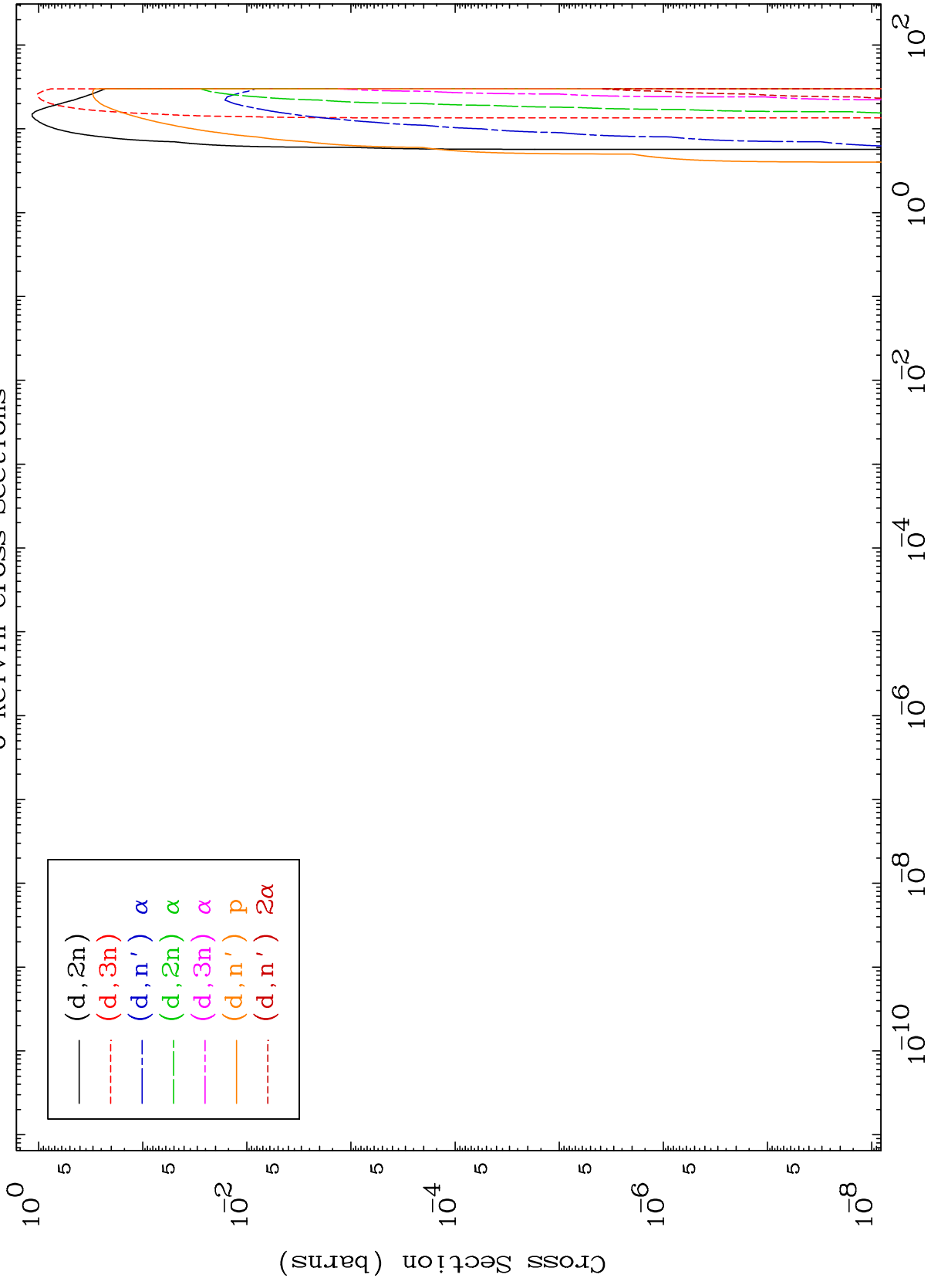
Incident Energy (MeV)

48-Cd-112

MAT 4843

Deuteron Neutron Production  
0 Kelvin Cross Sections

48-Cd-112

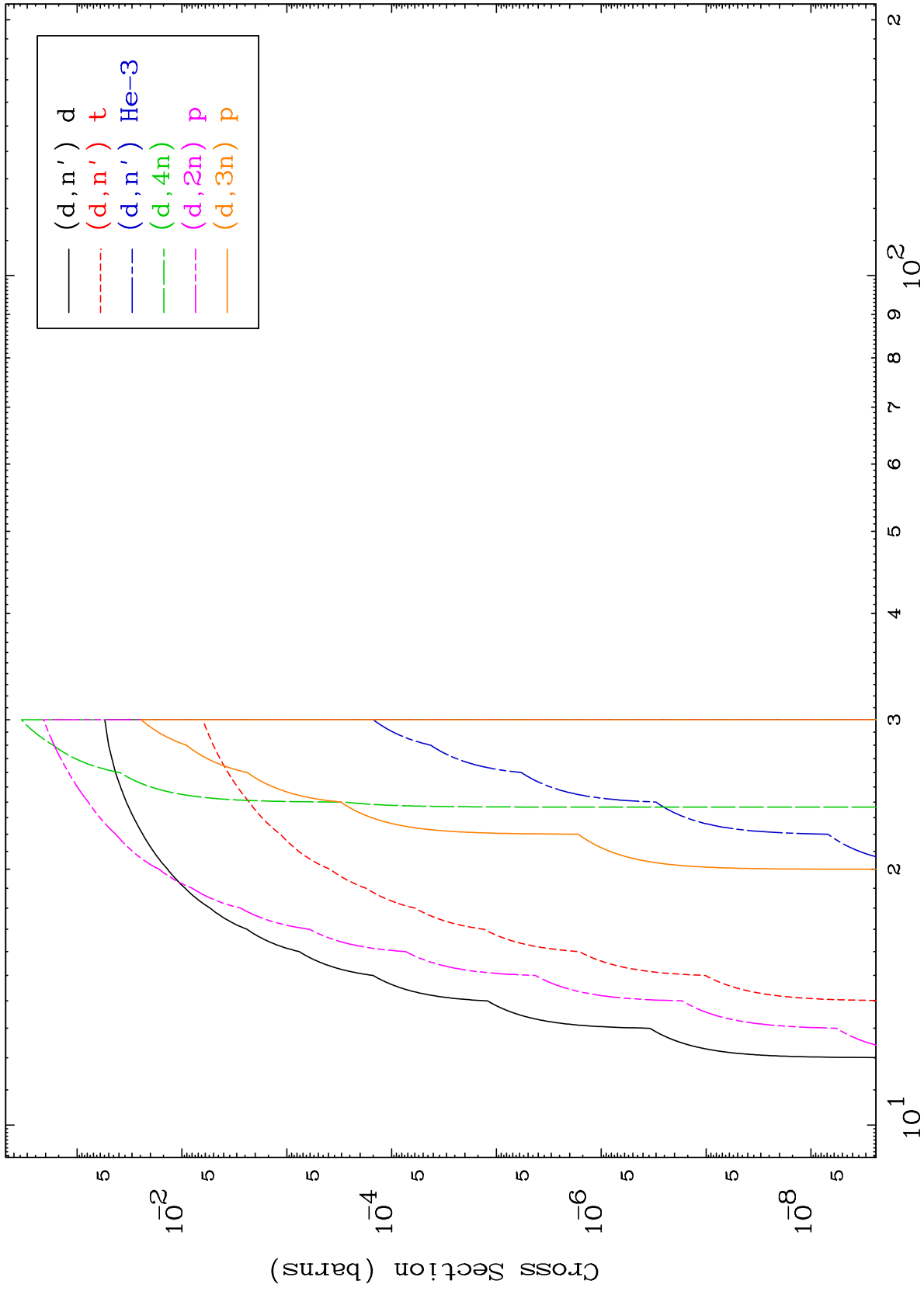


48-Cd-112

MAT 4843

Deuteron Neutron Production  
0 Kelvin Cross Sections

48-Cd-112



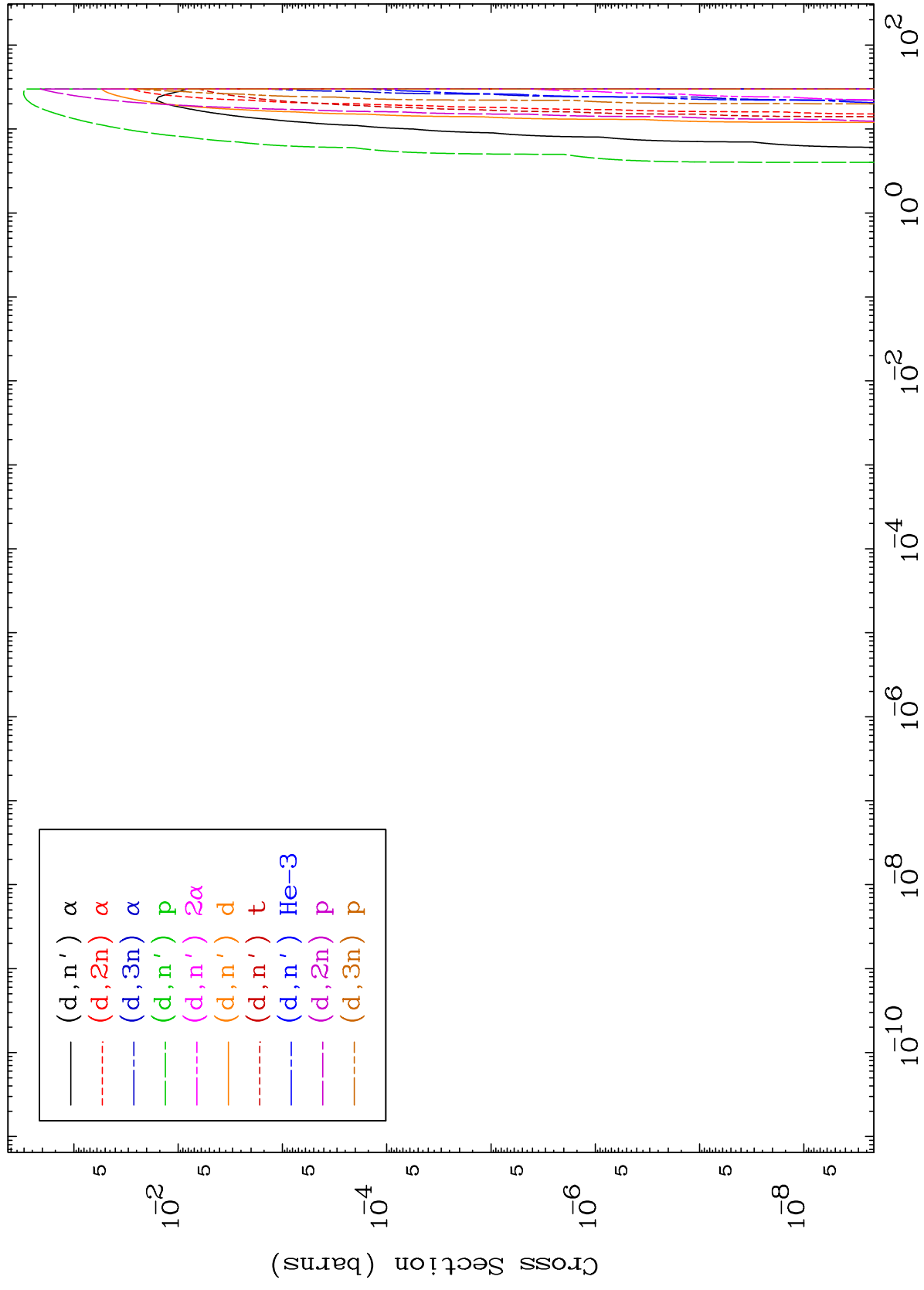
48-Cd-112

Incident Energy (MeV)

MAT 4843

Deuteron Charged Particle  
0 Kelvin Cross Sections

48-Cd-112

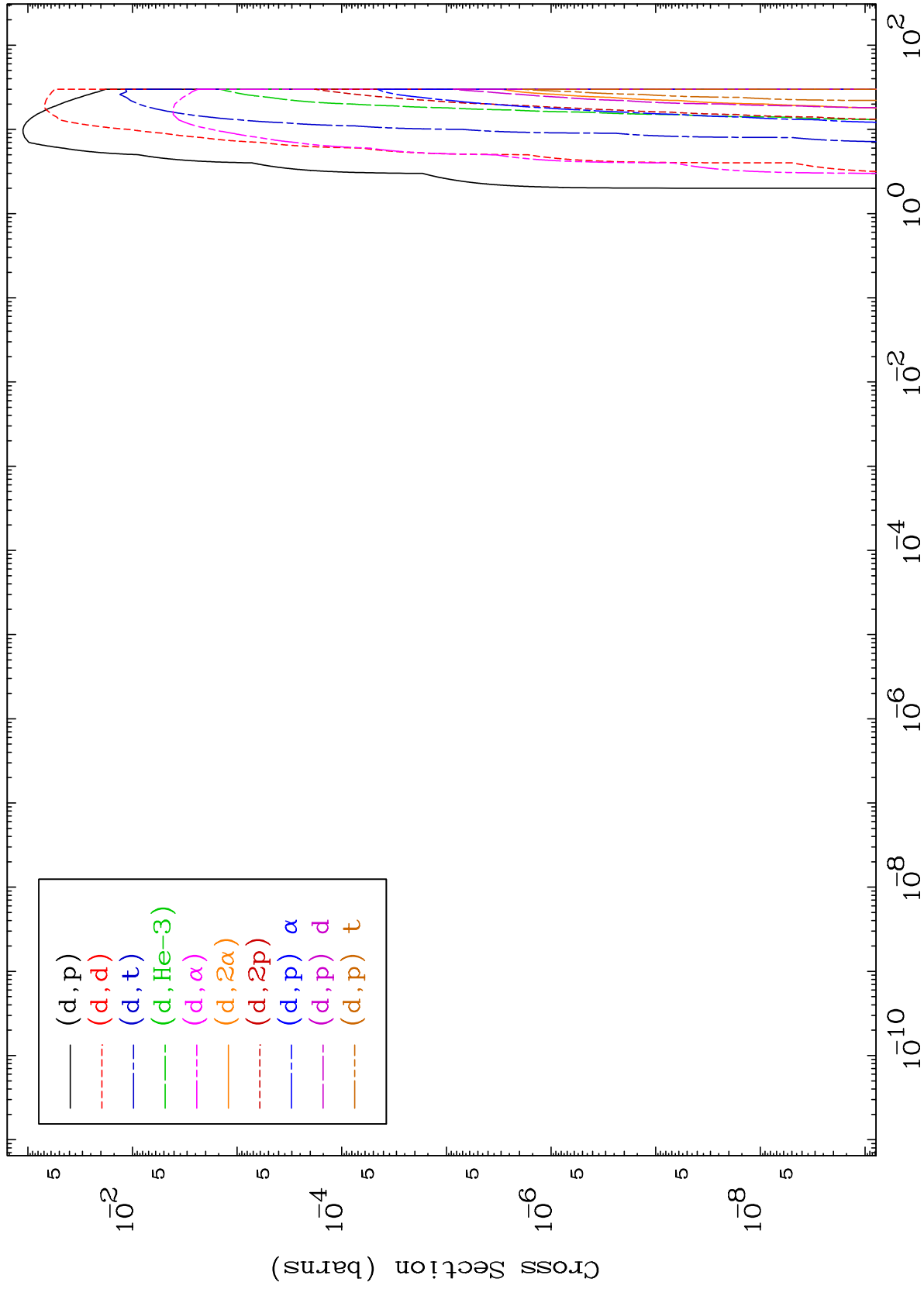


48-Cd-112

MAT 4843

Deuteron Charged Particle  
0 Kelvin Cross Sections

48-Cd-112



5

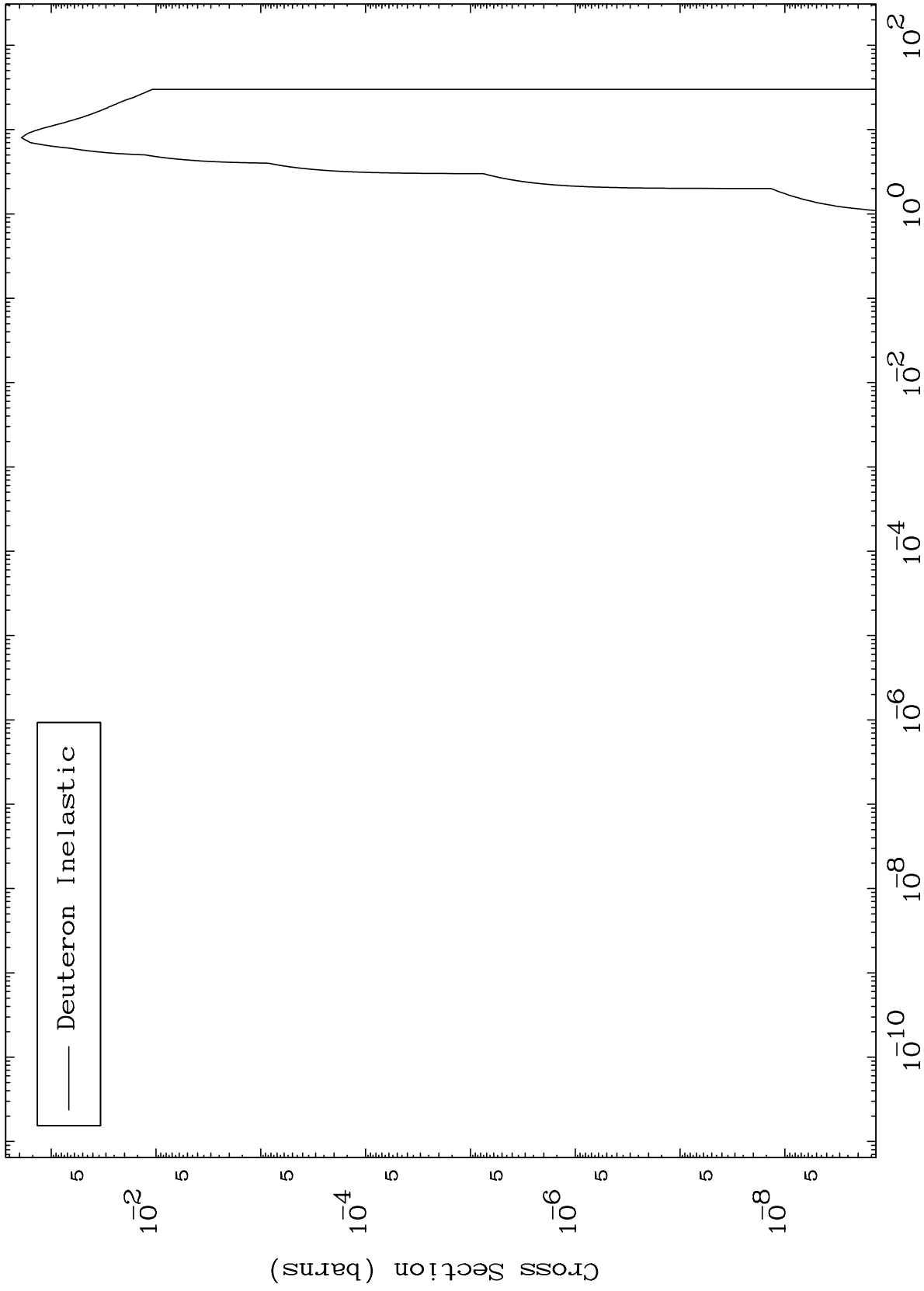
Incident Energy (MeV)

48-Cd-112

MAT 4843

(d,n') Level  
0 Kelvin Cross Sections

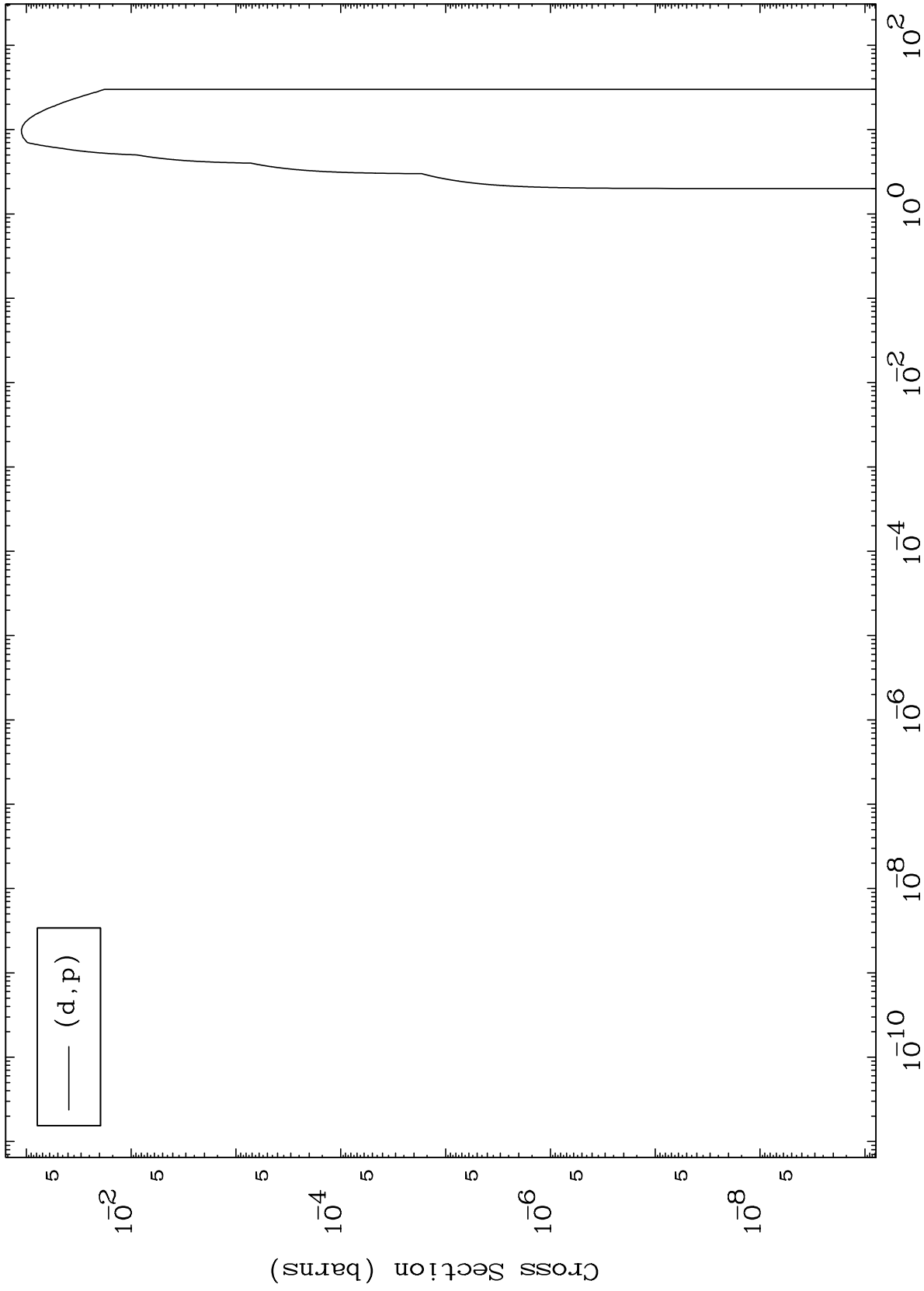
48-Cd-112



MAT 4843

(d,p) Levels  
0 Kelvin Cross Sections

48-Cd-112

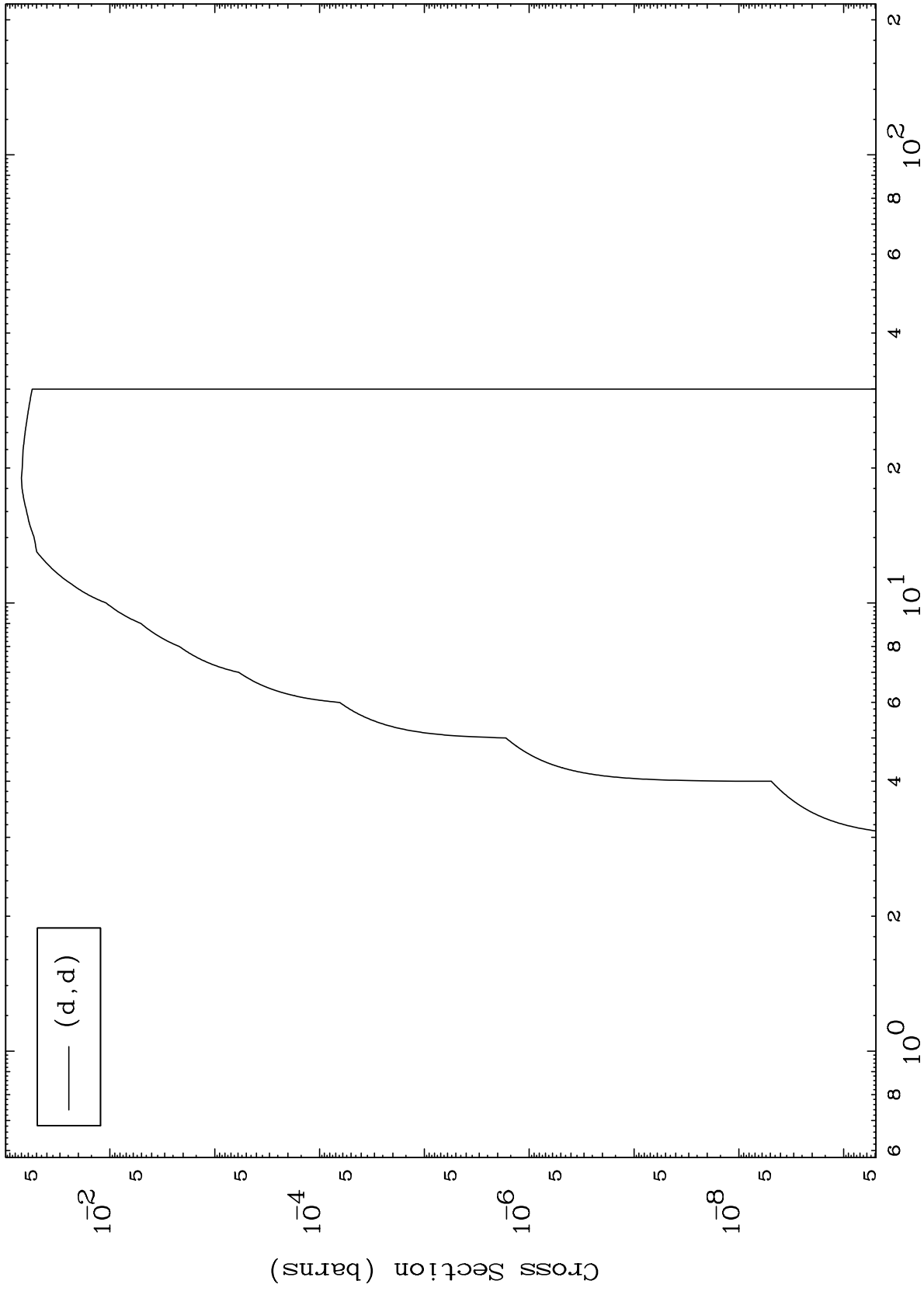




MAT 4843

(d,d) Levels  
0 Kelvin Cross Sections

48-Cd-112



8

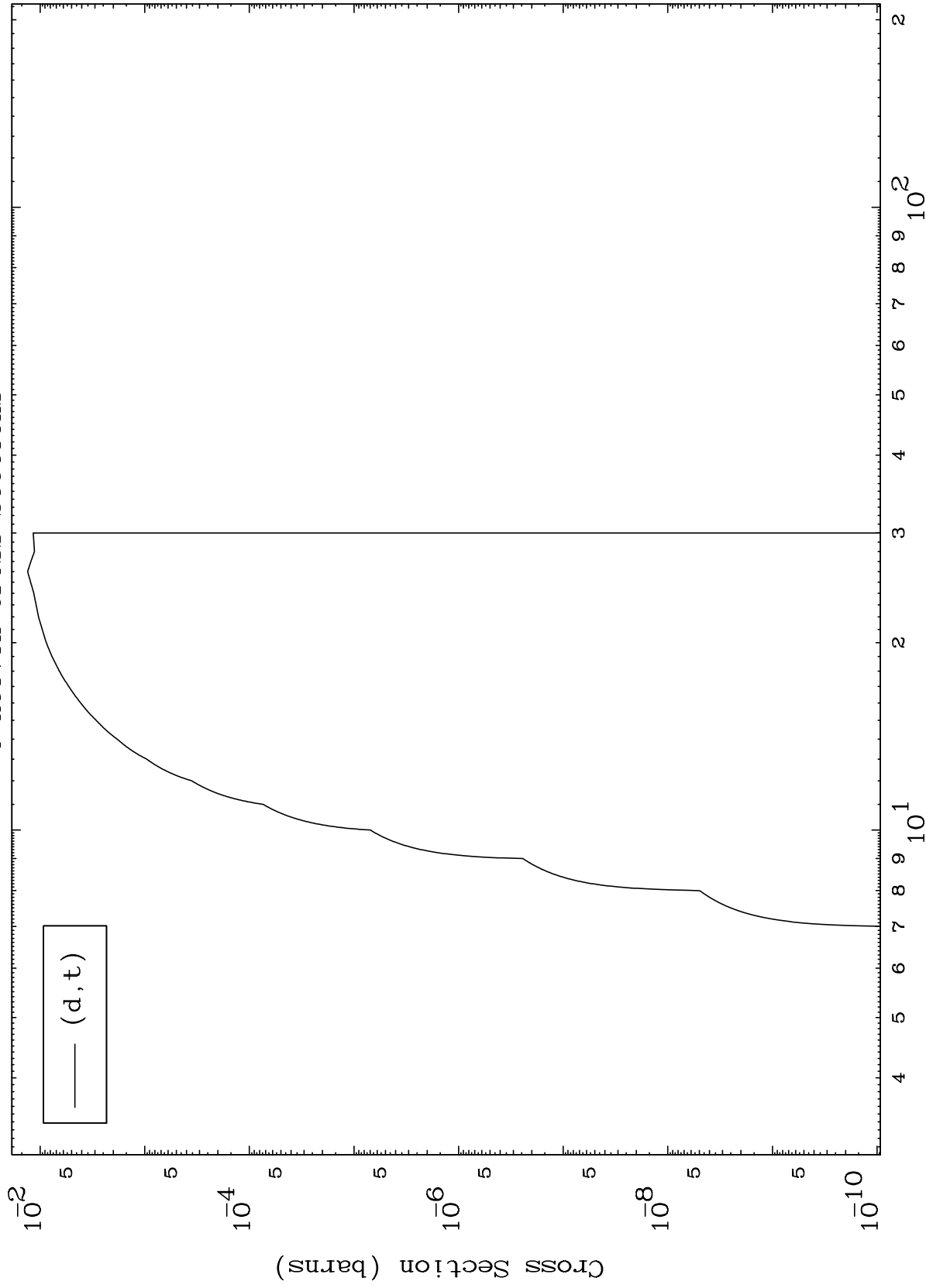
Incident Energy (MeV)

48-Cd-112

MAT 4843

(d,t) Levels  
0 Kelvin Cross Sections

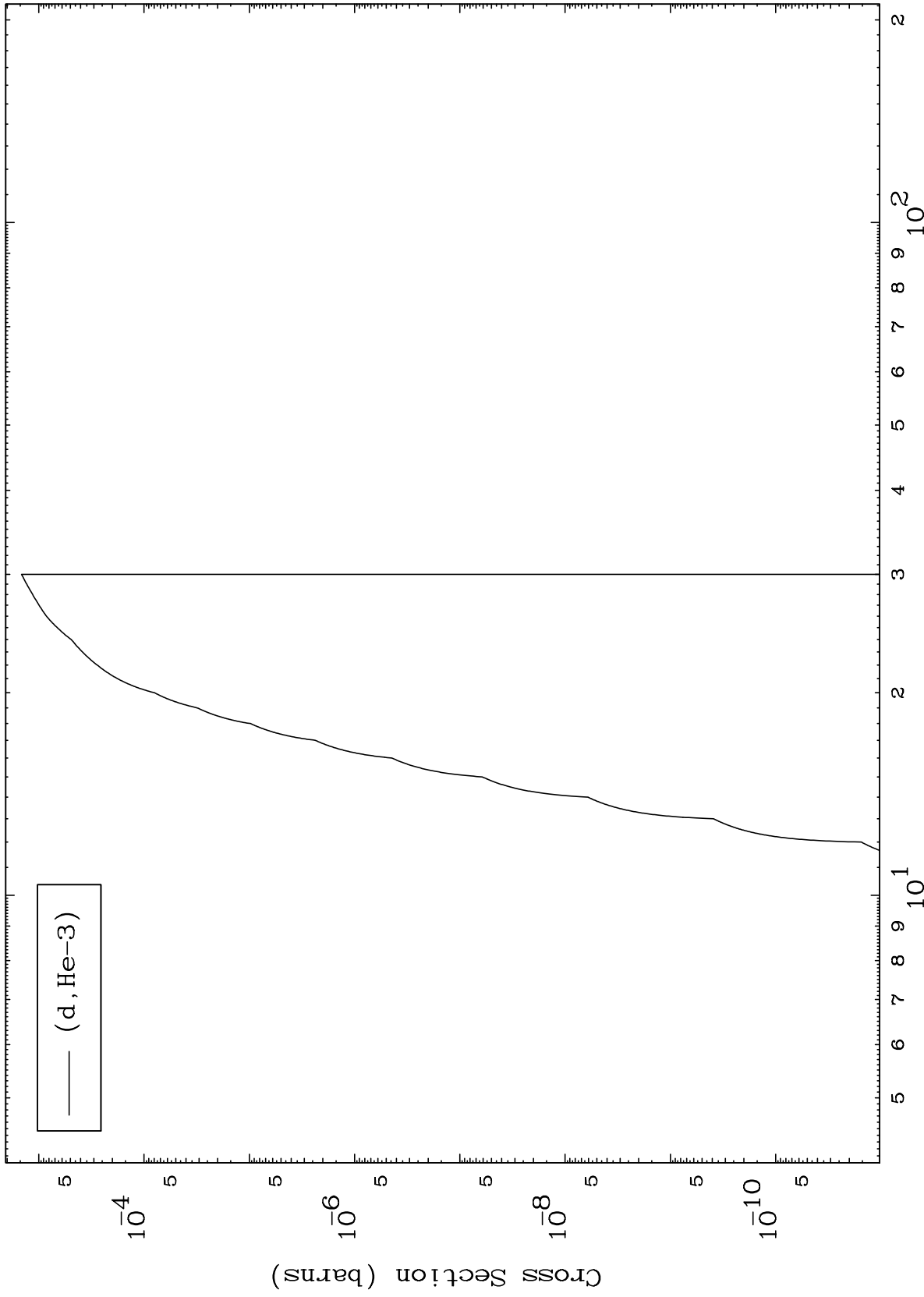
48-Cd-112



MAT 4843

(d,He3) Levels  
0 Kelvin Cross Sections

48-Cd-112



10

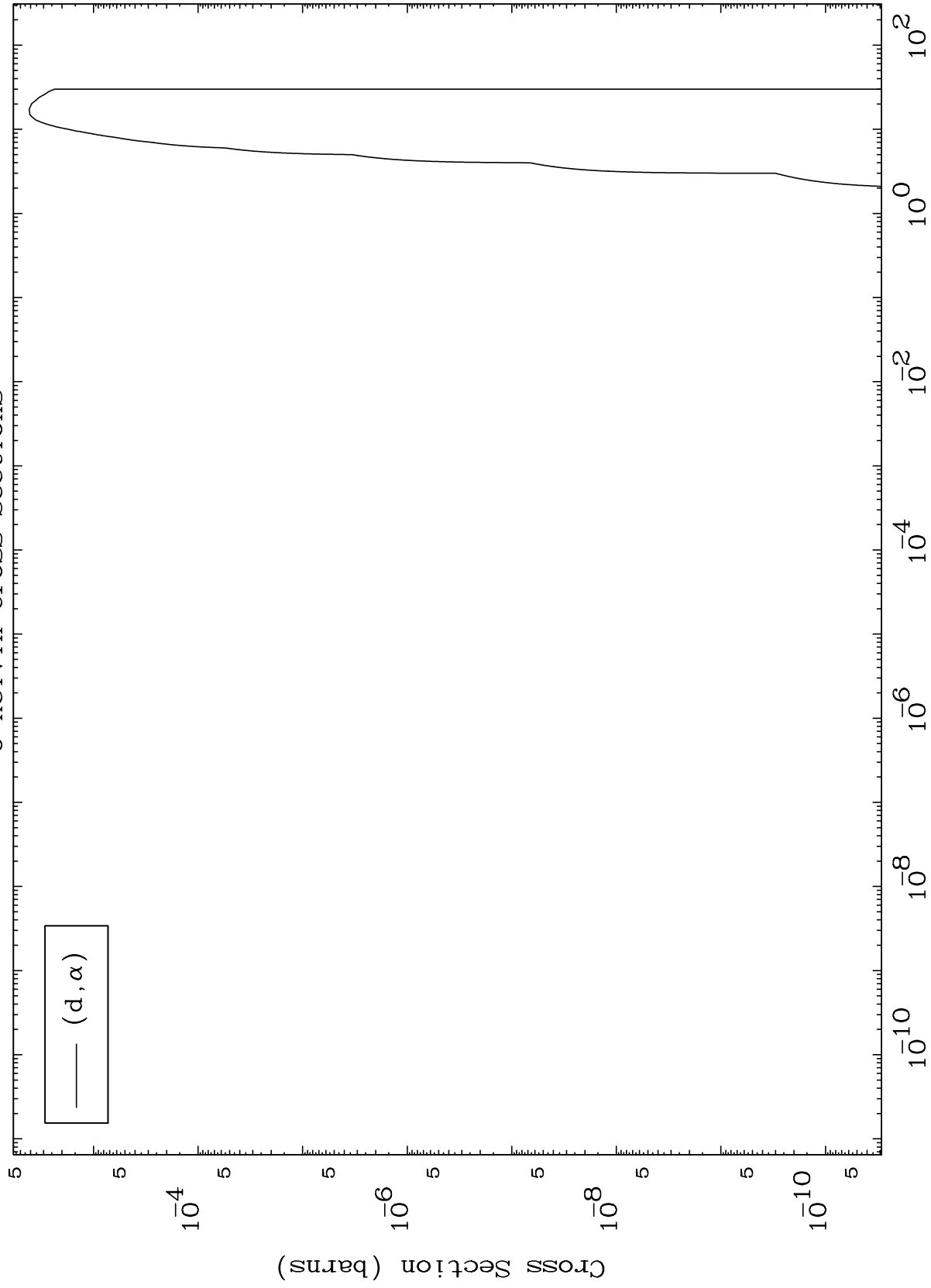
Incident Energy (MeV)

48-Cd-112

MAT 4843

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

48-Cd-112



11

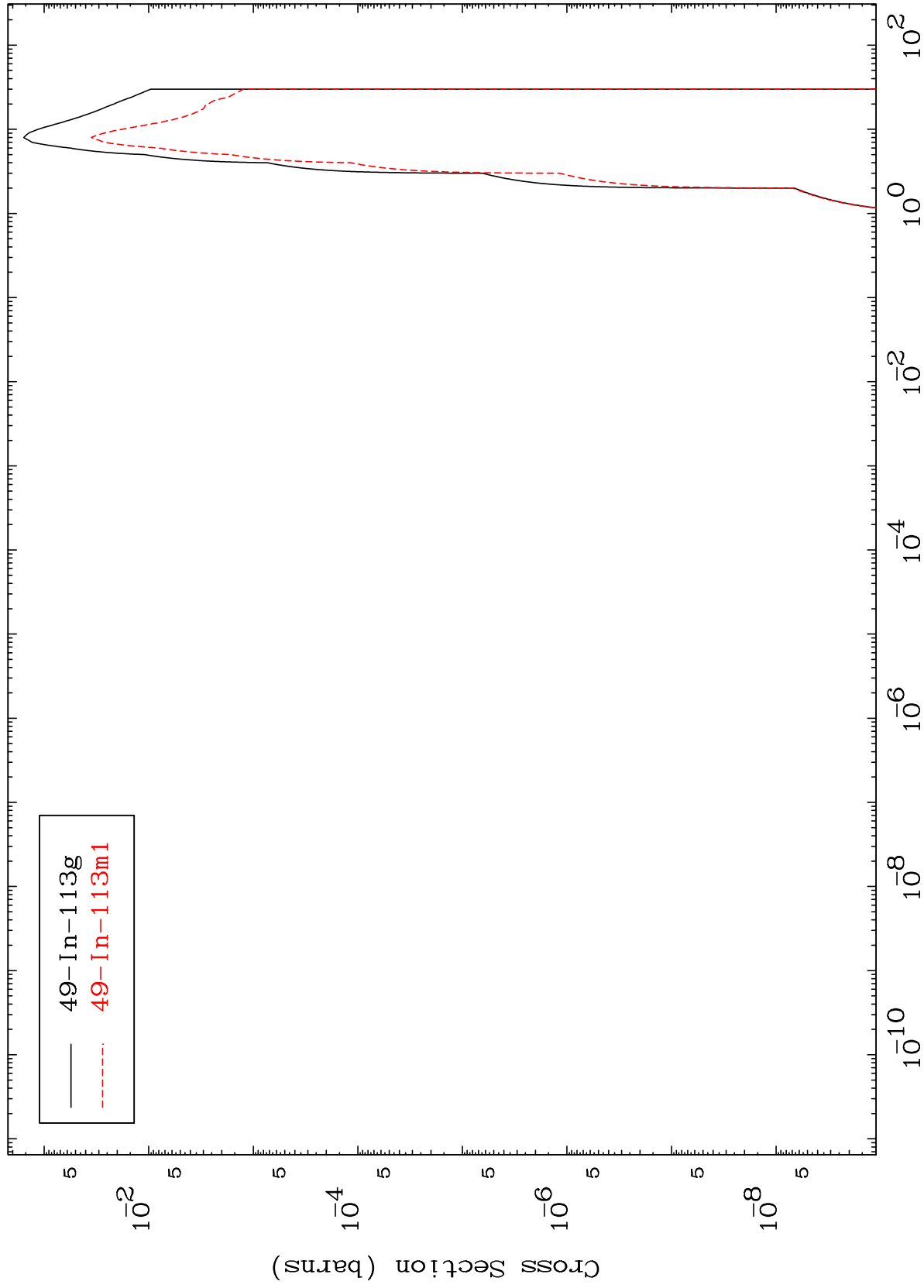
Incident Energy (MeV)

48-Cd-112

MAT 4843

Deuteron Inelastic  
Radionuclide Production Cross Section

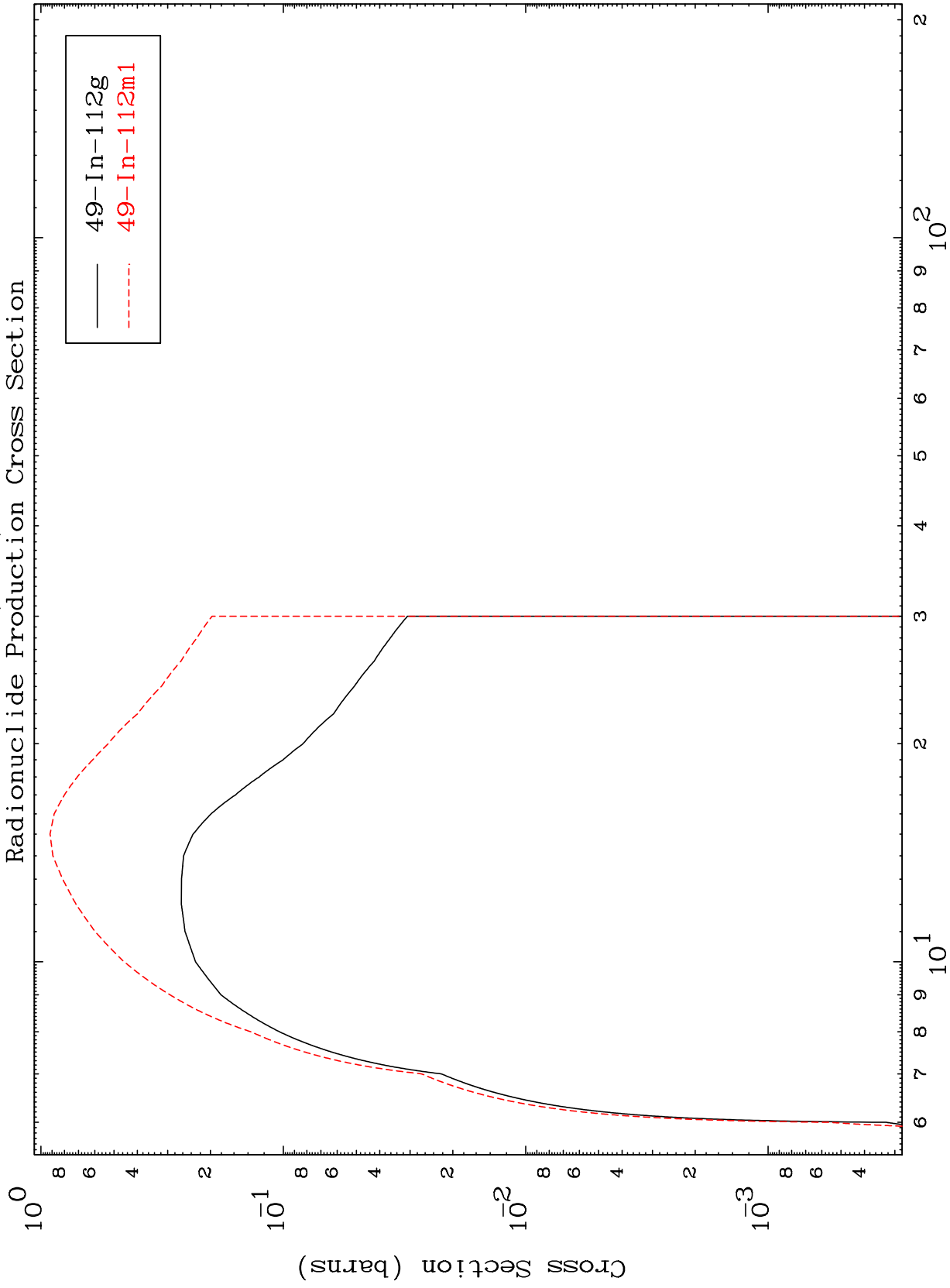
48-Cd-112



MAT 4843

48-Cd-112

(d,2n)  
Radionuclide Production Cross Section



13

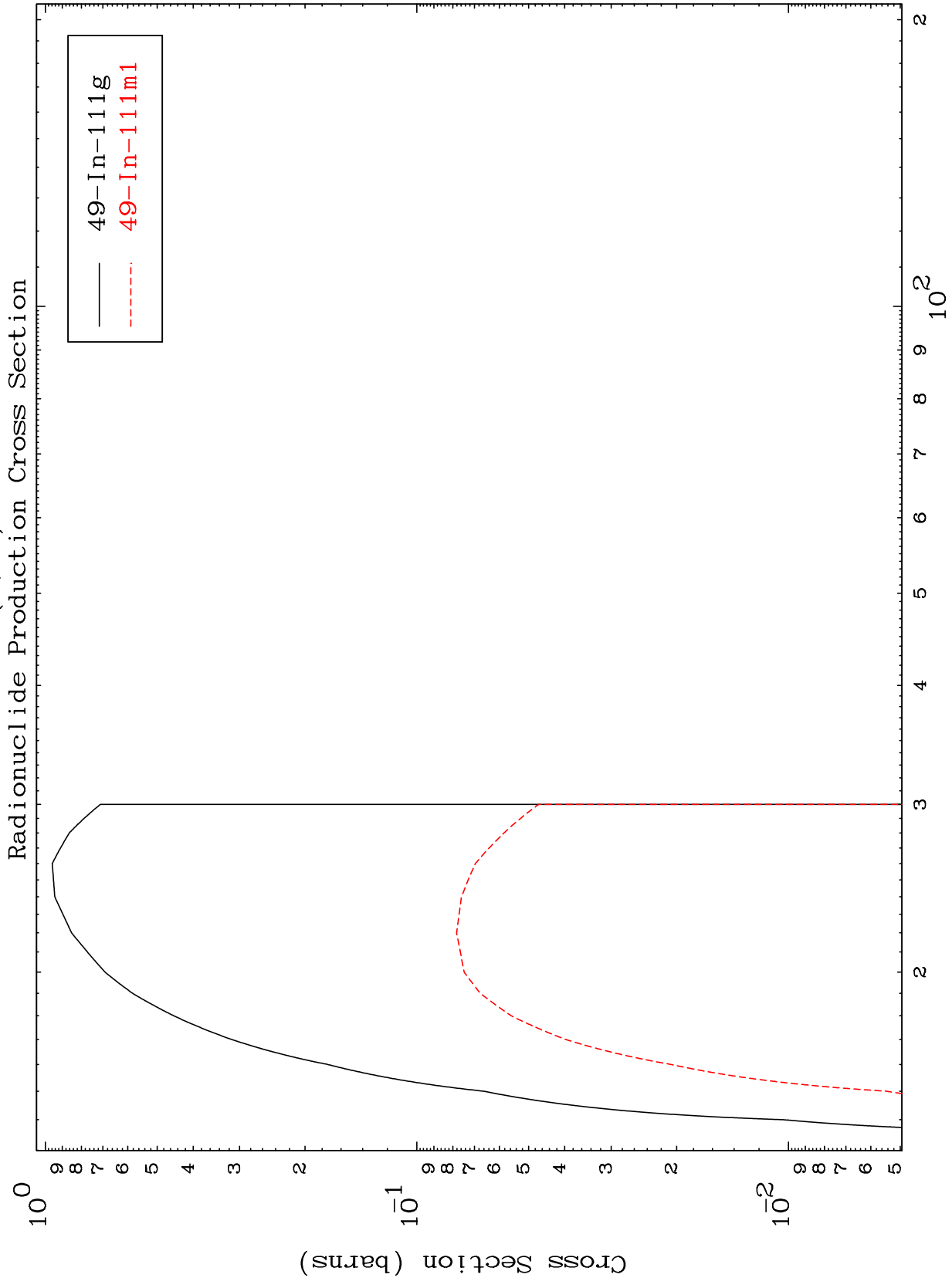
Incident Energy (MeV)

48-Cd-112

MAT 4843

(d,3n)

48-Cd-112



14

48-Cd-112

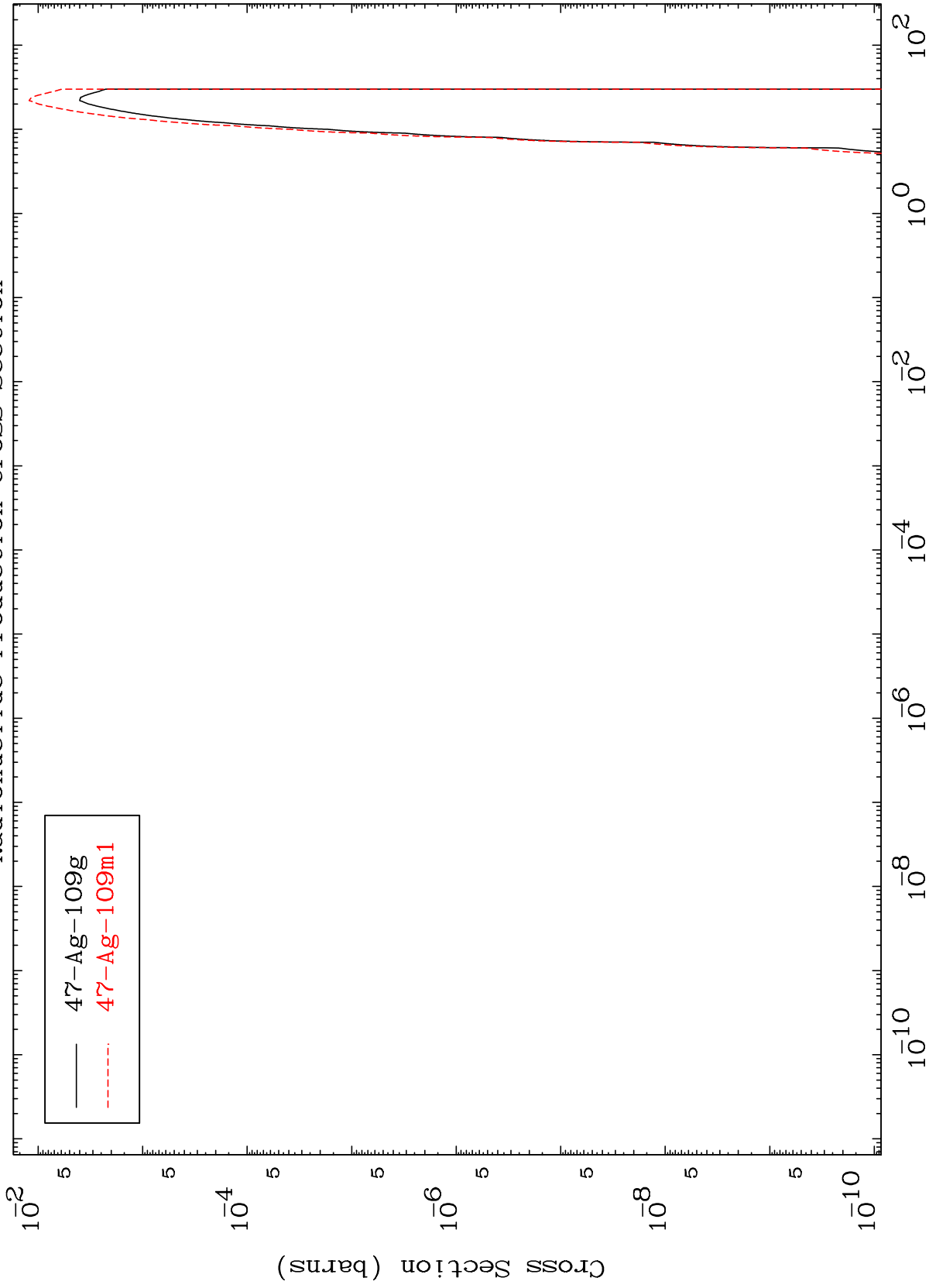
48-Cd-112

MAT 4843

(d,n')  $\alpha$

48-Cd-112

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-112

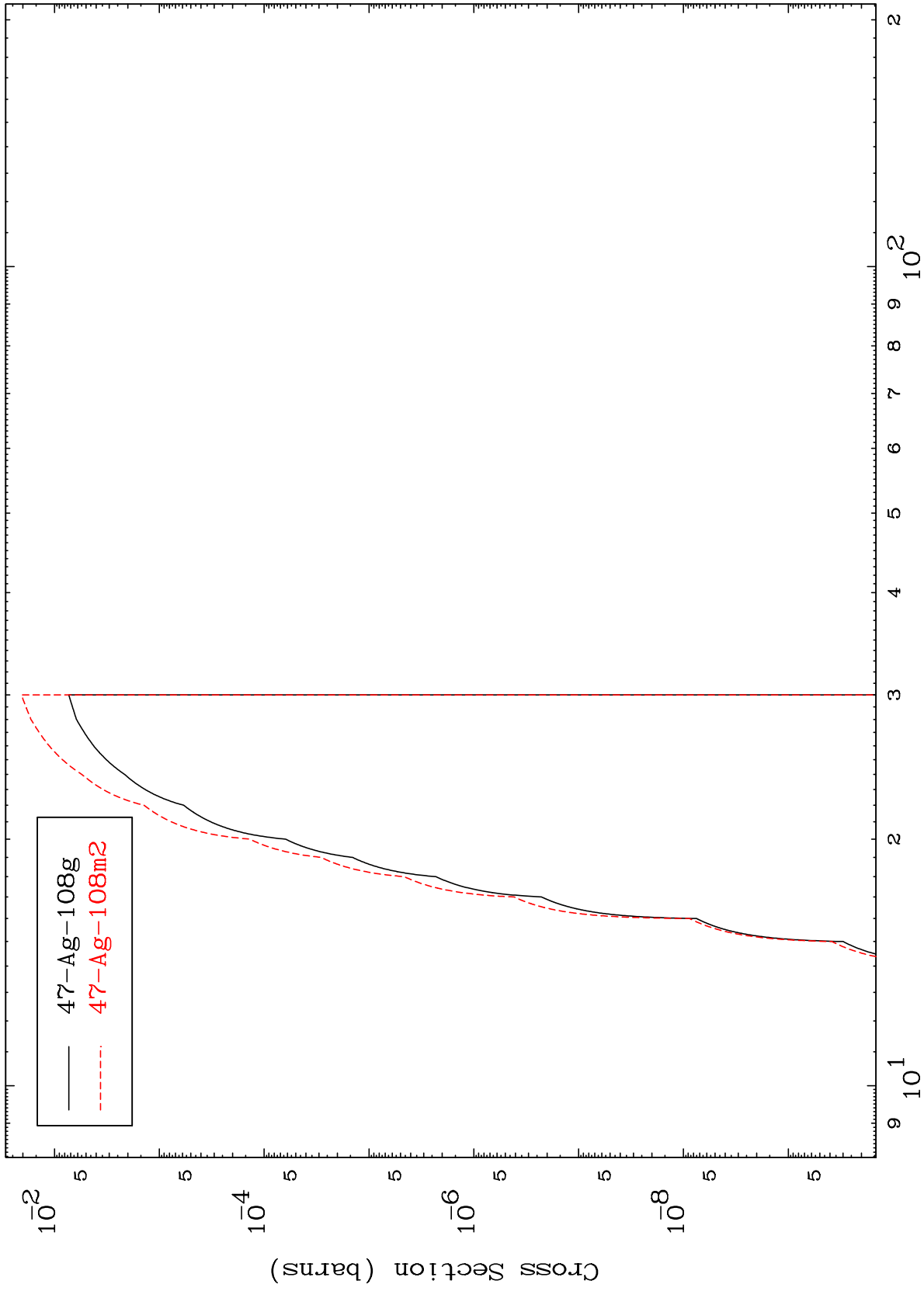


MAT 4843

(d,2n)  $\alpha$

48-Cd-112

Radionuclide Production Cross Section



16

Incident Energy (MeV)

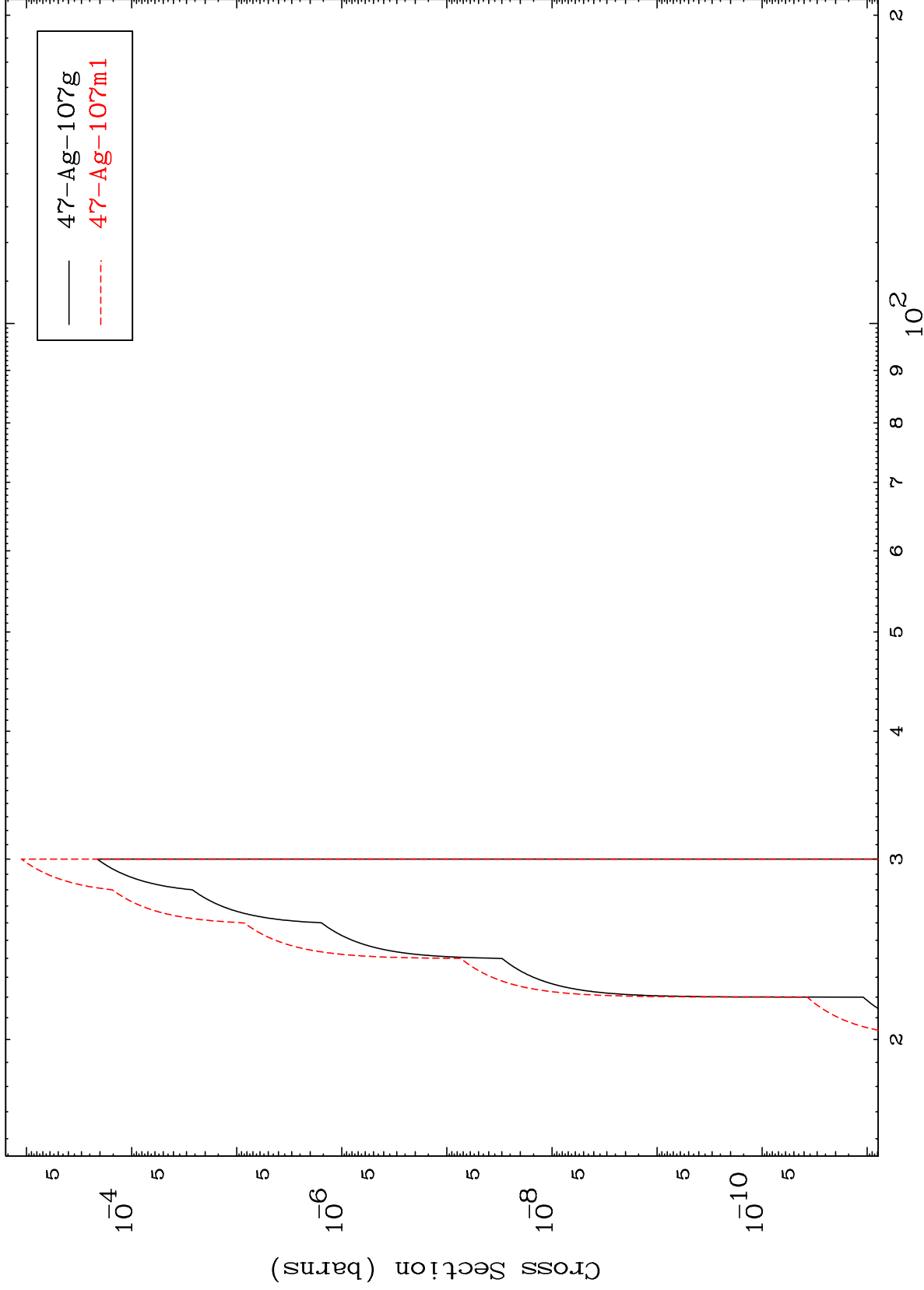
48-Cd-112

MAT 4843

(d,3n)  $\alpha$

48-Cd-112

Radionuclide Production Cross Section



17

Incident Energy (MeV)

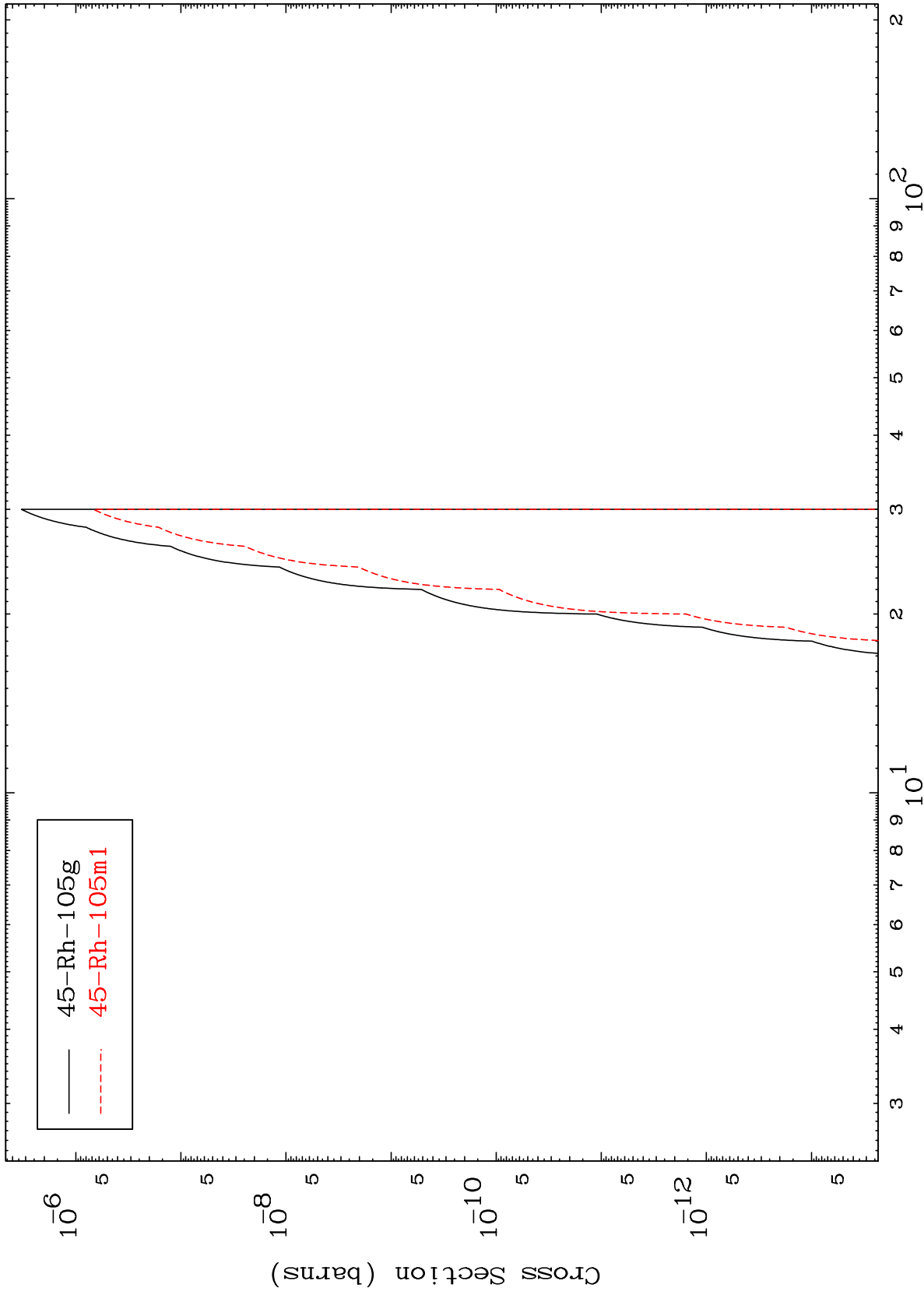
48-Cd-112

MAT 4843

(d,n') 2 $\alpha$

48-Cd-112

Radionuclide Production Cross Section



18

Incident Energy (MeV)

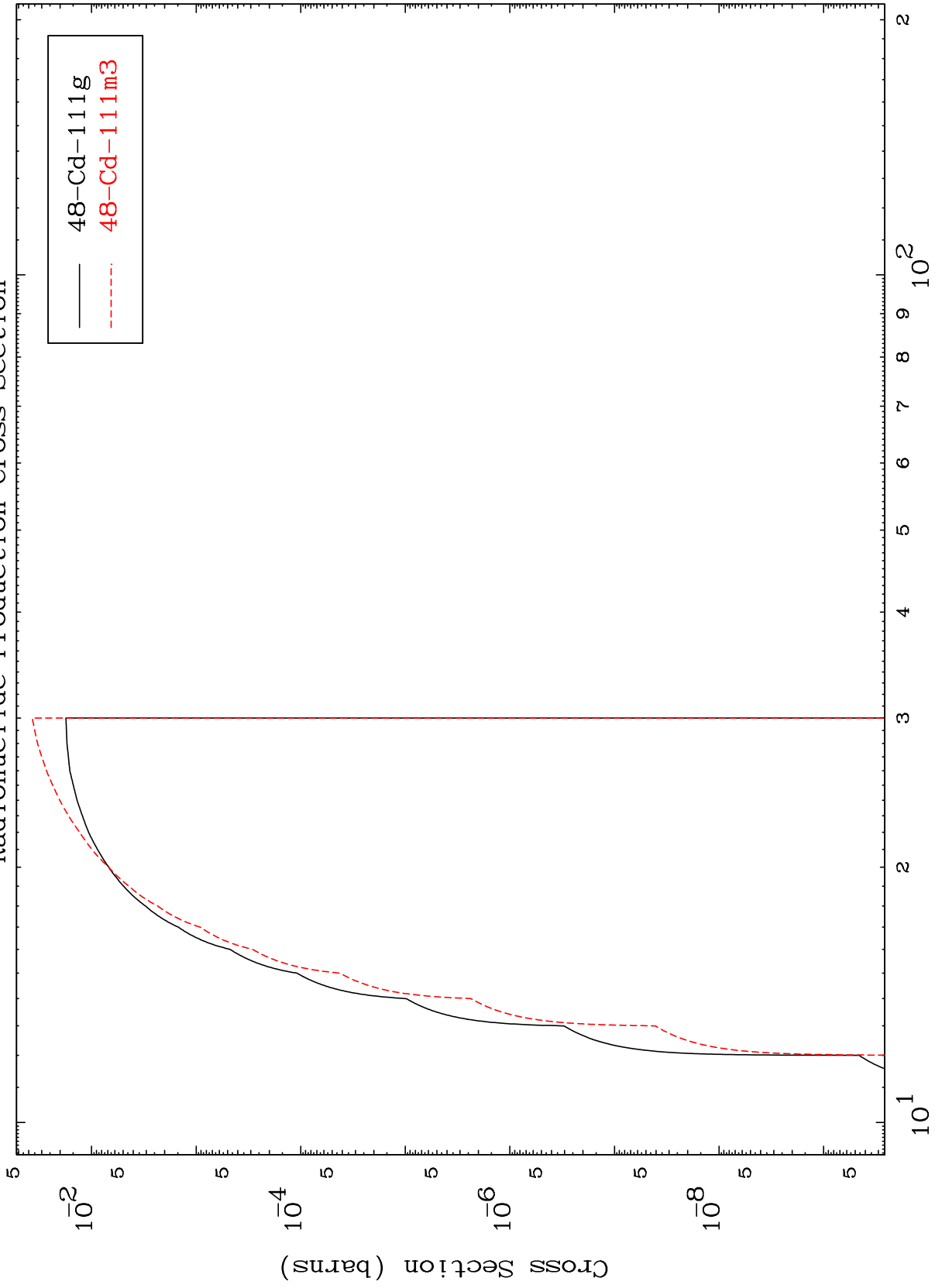
48-Cd-112

MAT 4843

(d,n') d

48-Cd-112

Radionuclide Production Cross Section



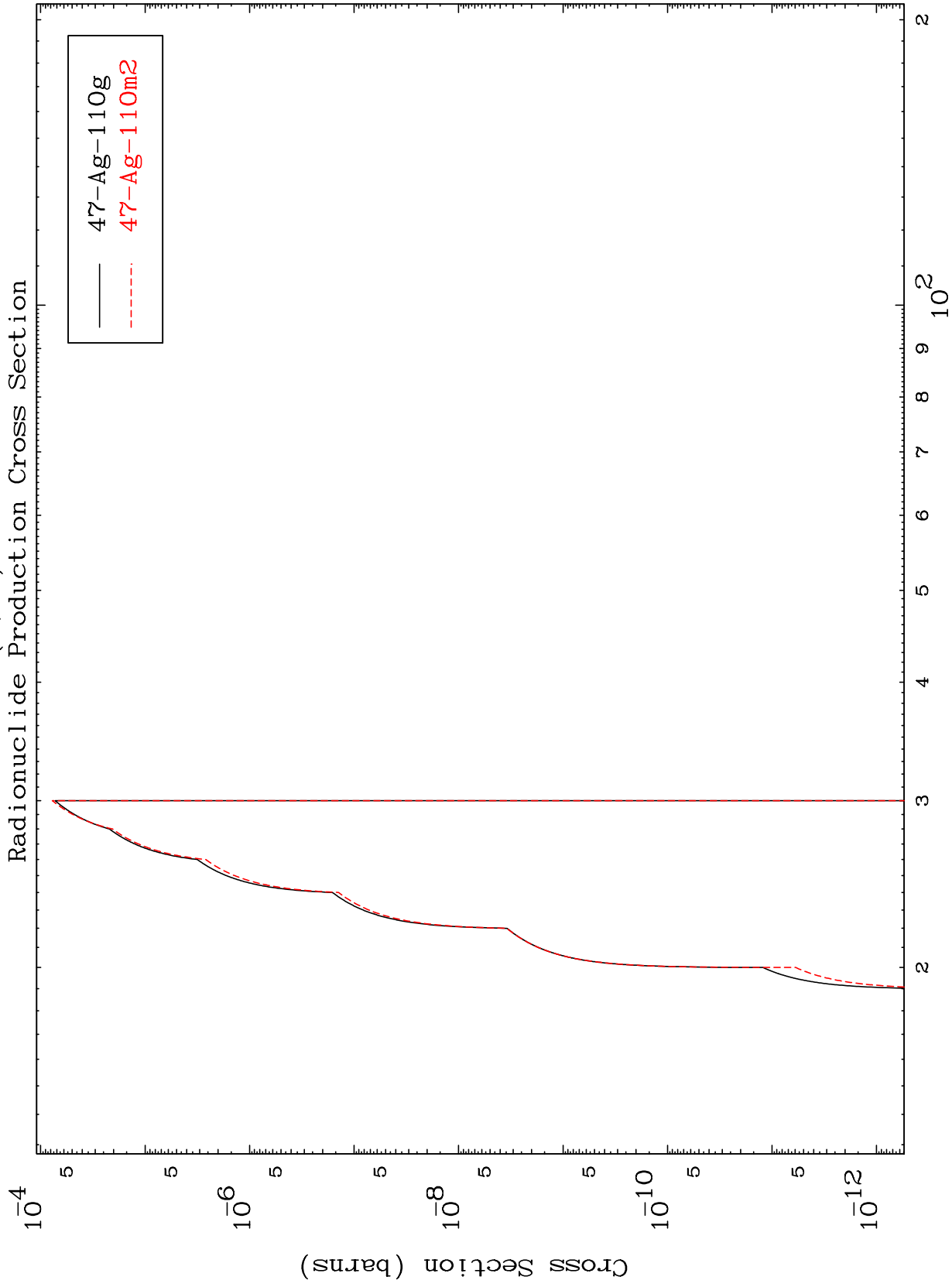
Incident Energy (MeV)

48-Cd-112

MAT 4843

(d, n') He-3

48-Cd-112



20

Incident Energy (MeV)

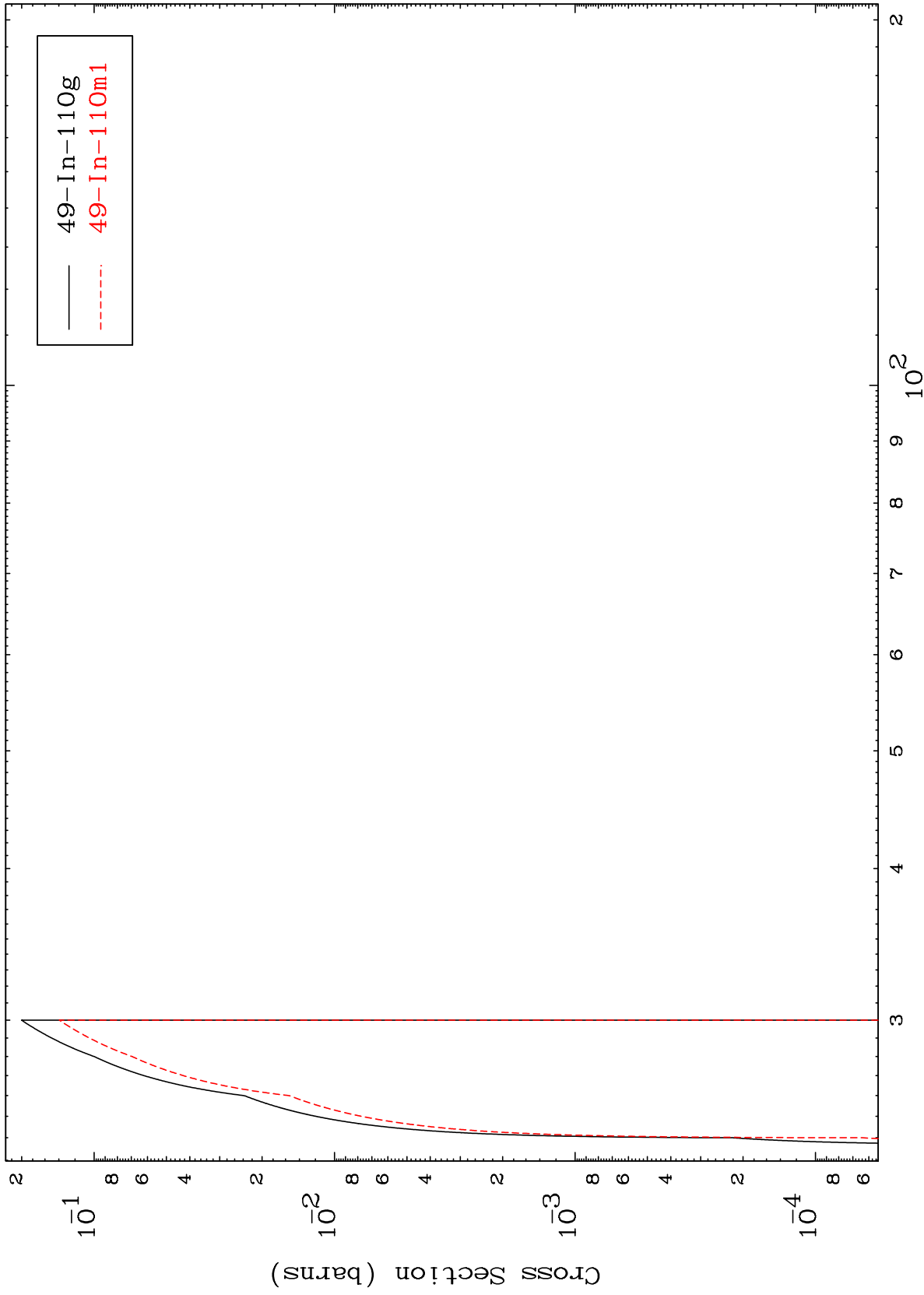
48-Cd-112

MAT 4843

(d,4n)

48-Cd-112

Radionuclide Production Cross Section



21

Incident Energy (MeV)

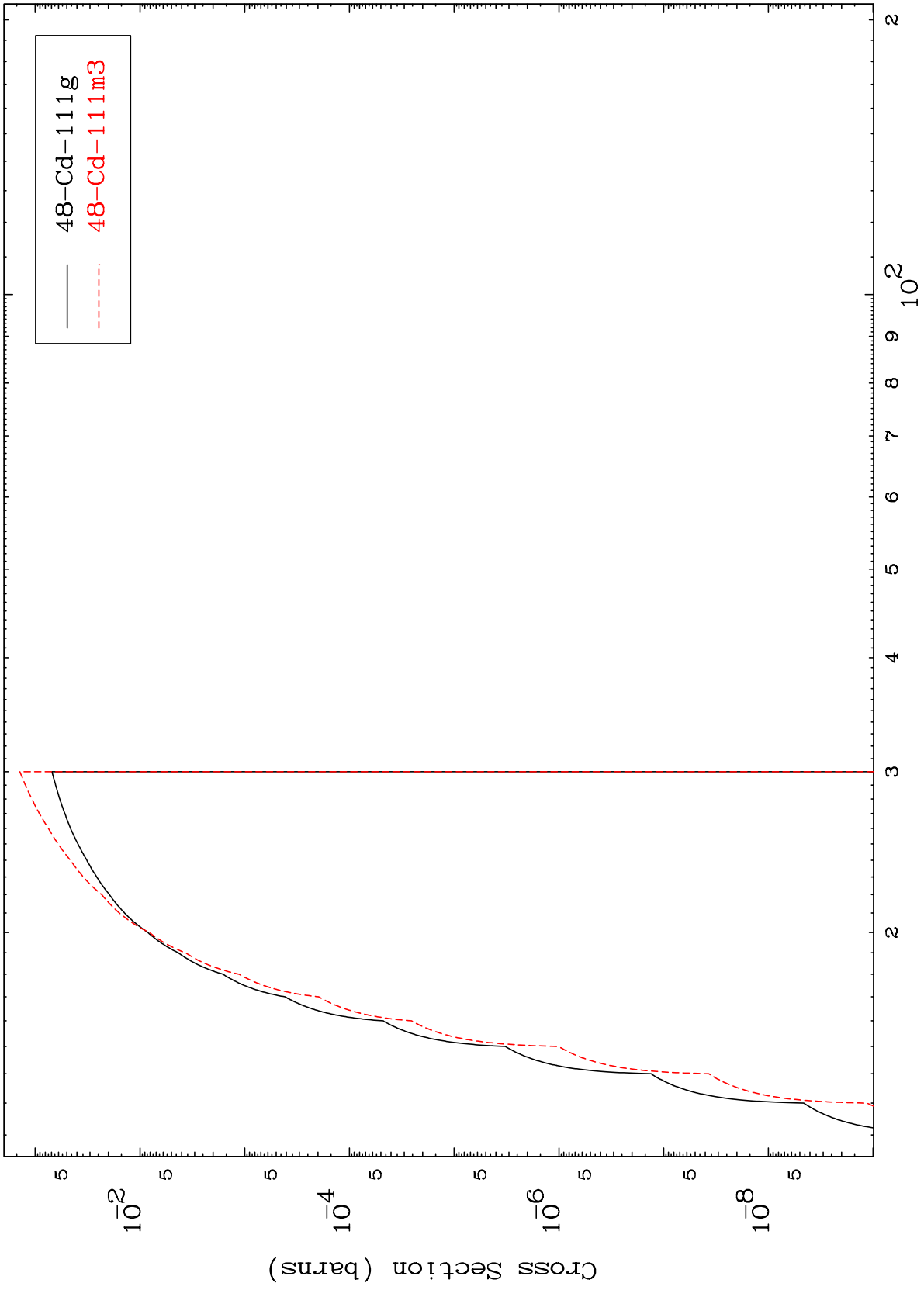
48-Cd-112

MAT 4843

(d,2n) p

48-Cd-112

Radionuclide Production Cross Section



22

Incident Energy (MeV)

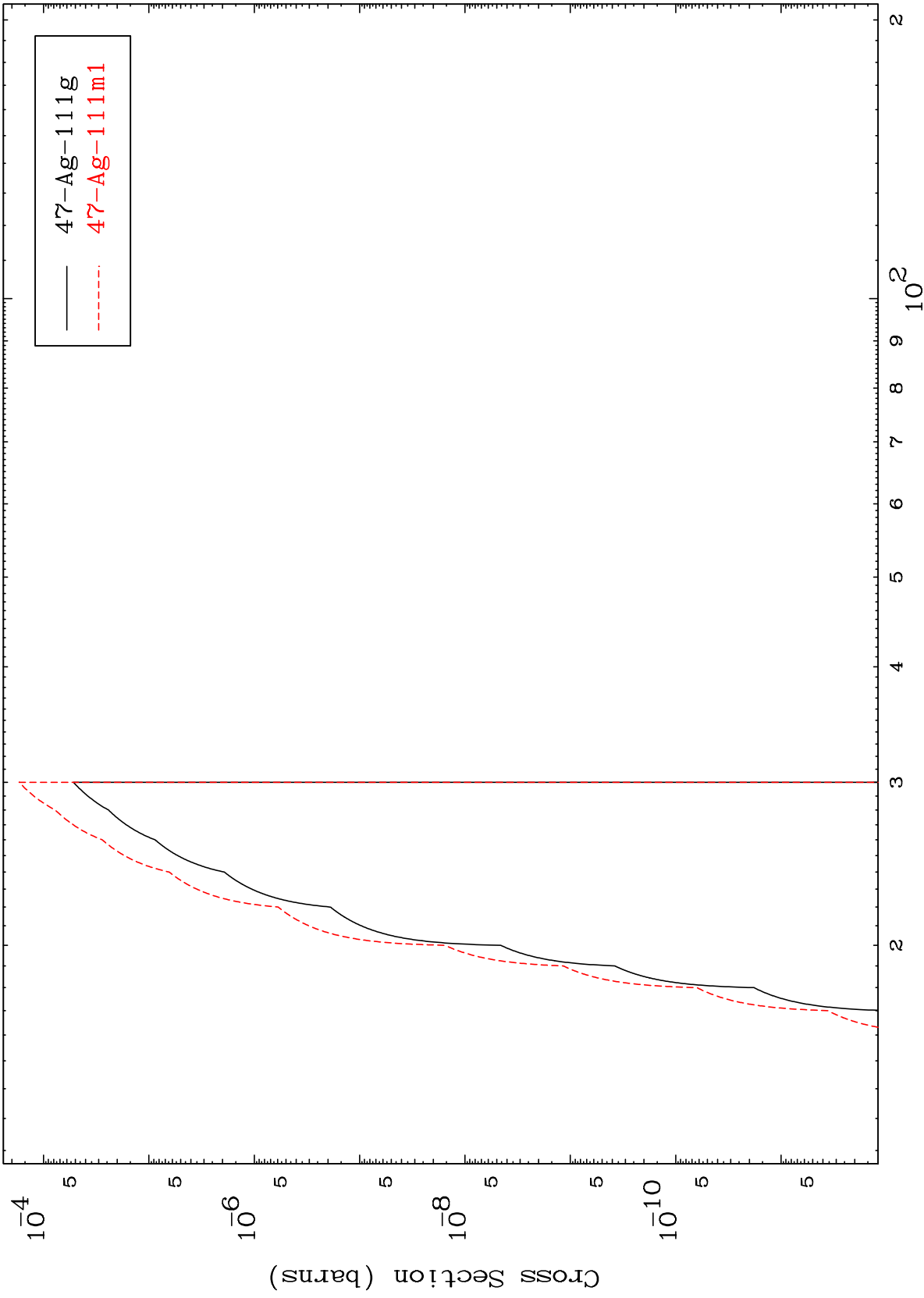
48-Cd-112

MAT 4843

(d,2n) p

48-Cd-112

Radionuclide Production Cross Section



23

Incident Energy (MeV)

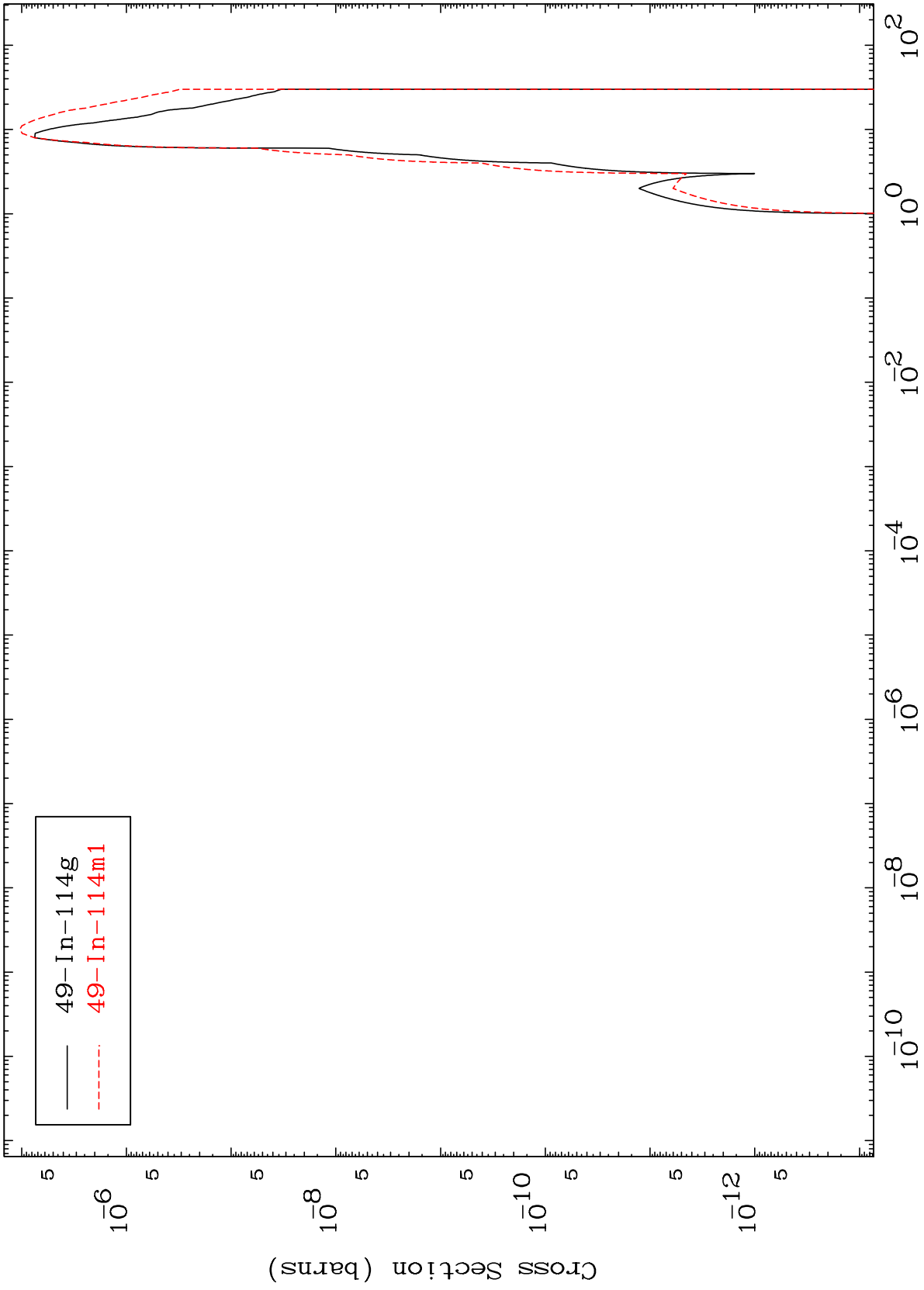
48-Cd-112



MAT 4843

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

<sup>48</sup>Cd-112



24

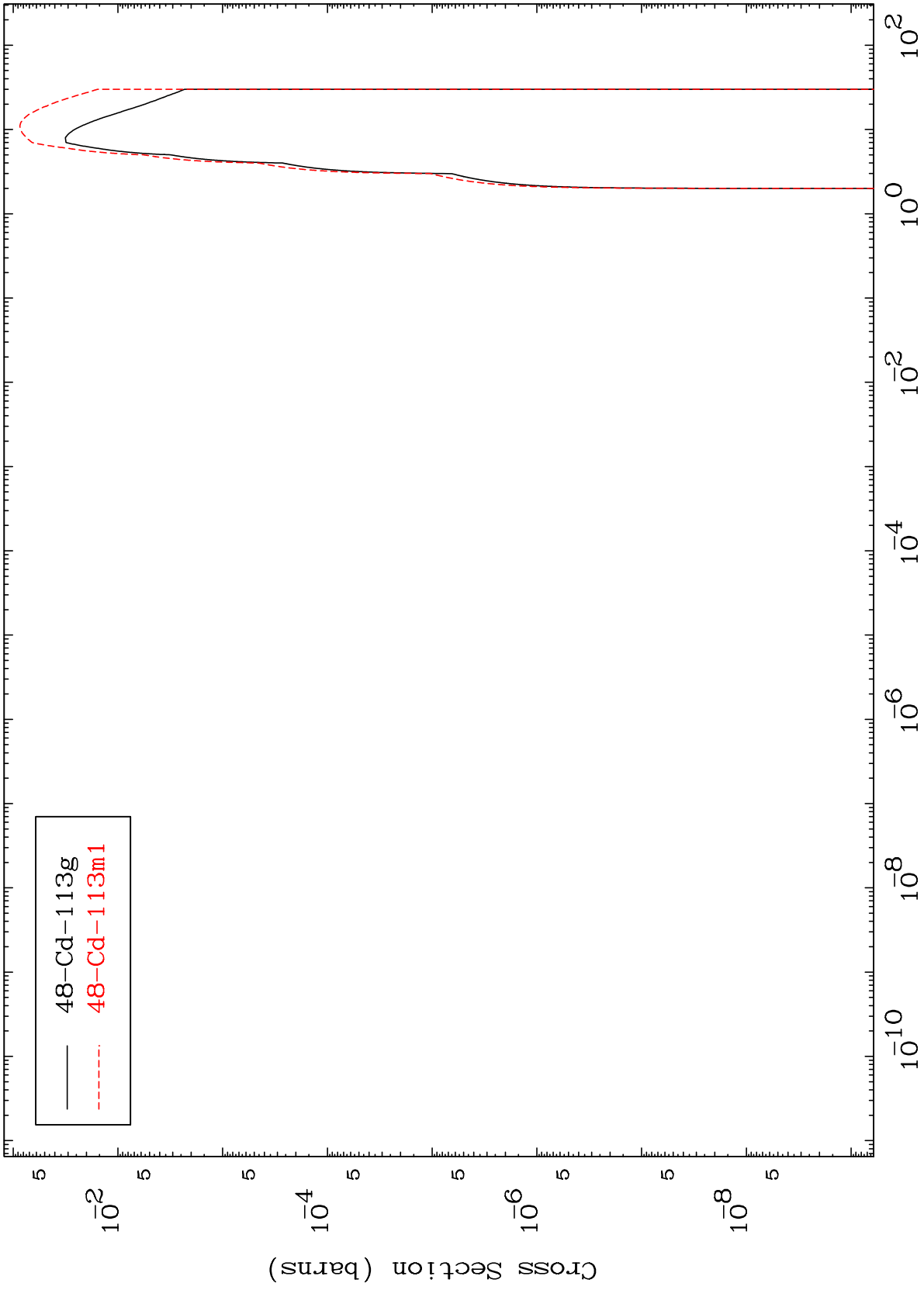
Incident Energy (MeV)

<sup>48</sup>Cd-112

MAT 4843

(d,p)  
Radionuclide Production Cross Section

48-Cd-112



25

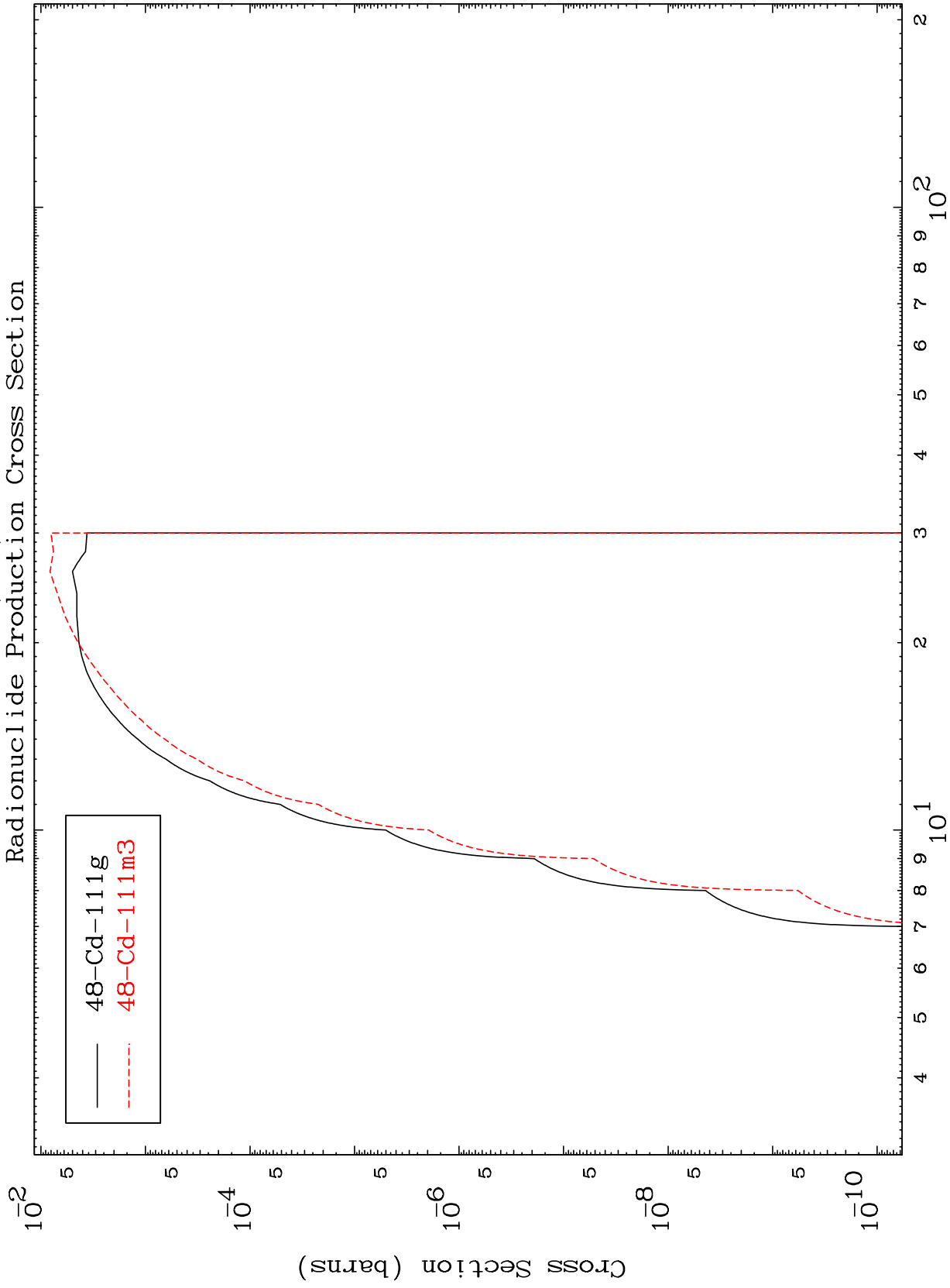
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(d, t)  
Radionuclide Production Cross Section



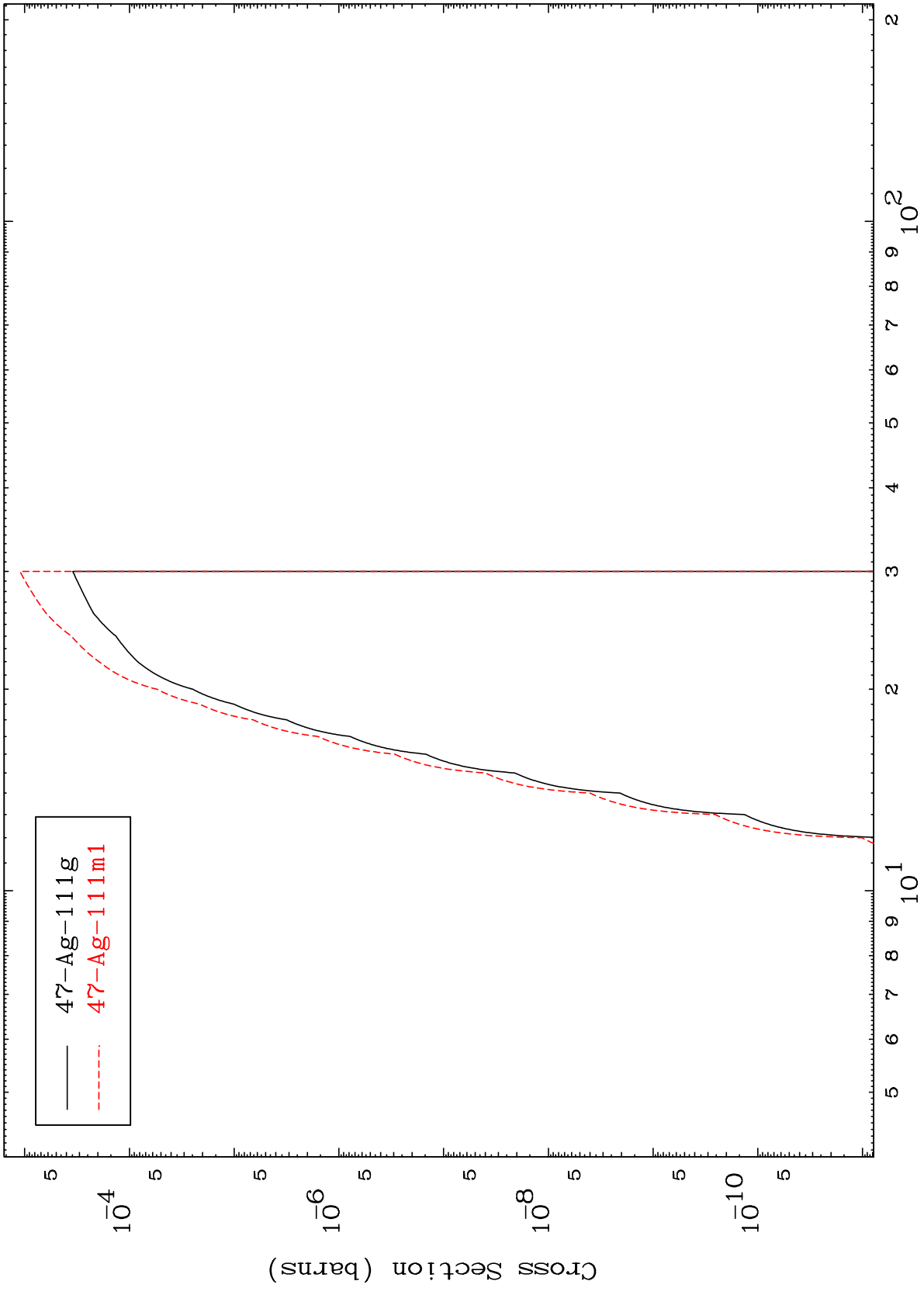
48-Cd-111g  
48-Cd-111m3

MAT 4843

(d, He-3)

48-Cd-112

Radionuclide Production Cross Section



27

Incident Energy (MeV)

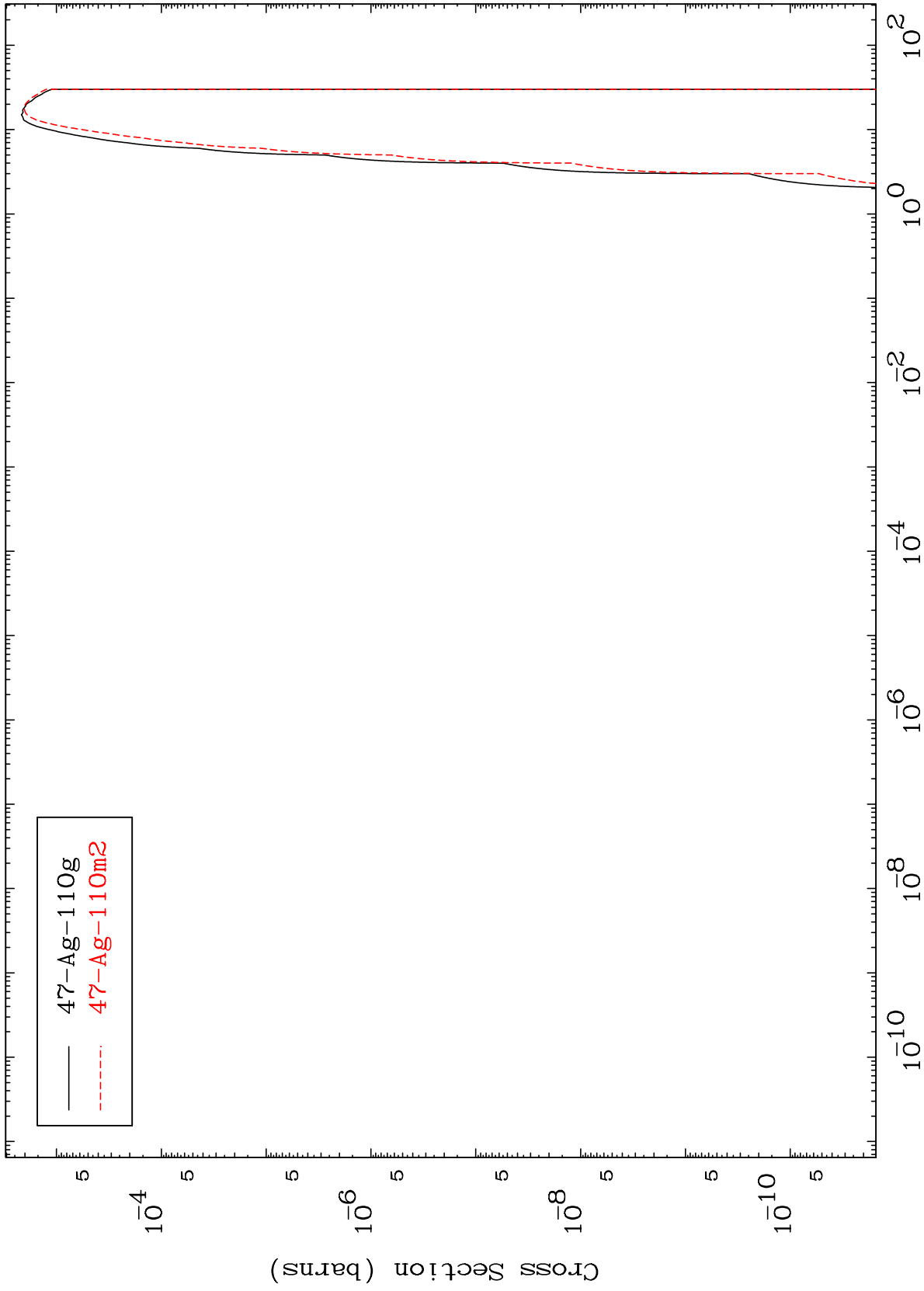
48-Cd-112

MAT 4843

(d,  $\alpha$ )

48-Cd-112

Radionuclide Production Cross Section



28

Incident Energy (MeV)

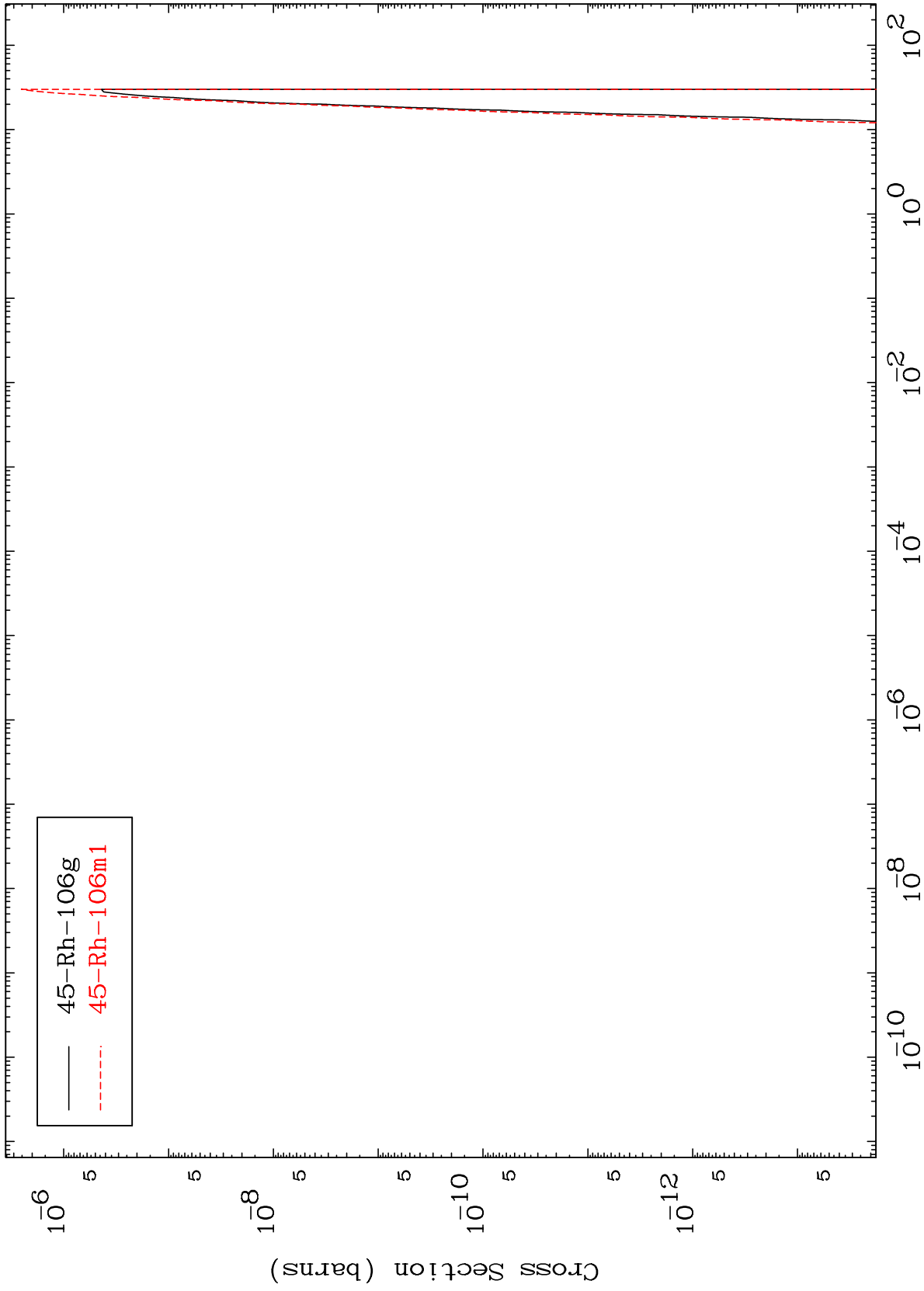
48-Cd-112

MAT 4843

(d,2α)

48-Cd-112

Radionuclide Production Cross Section



29

Incident Energy (MeV)

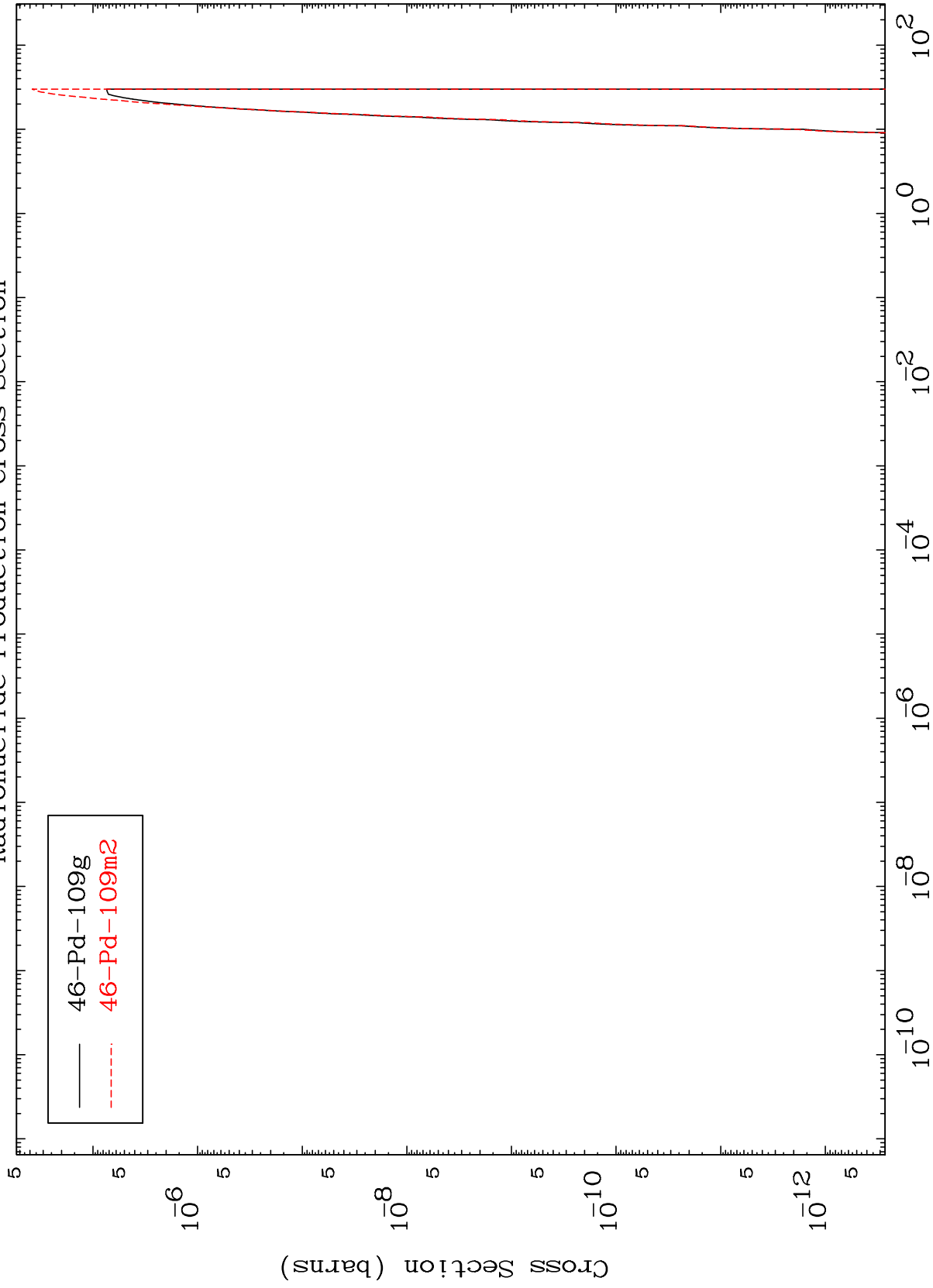
48-Cd-112

MAT 4843

(d,p)  $\alpha$

48-Cd-112

Radionuclide Production Cross Section



30

Incident Energy (MeV)

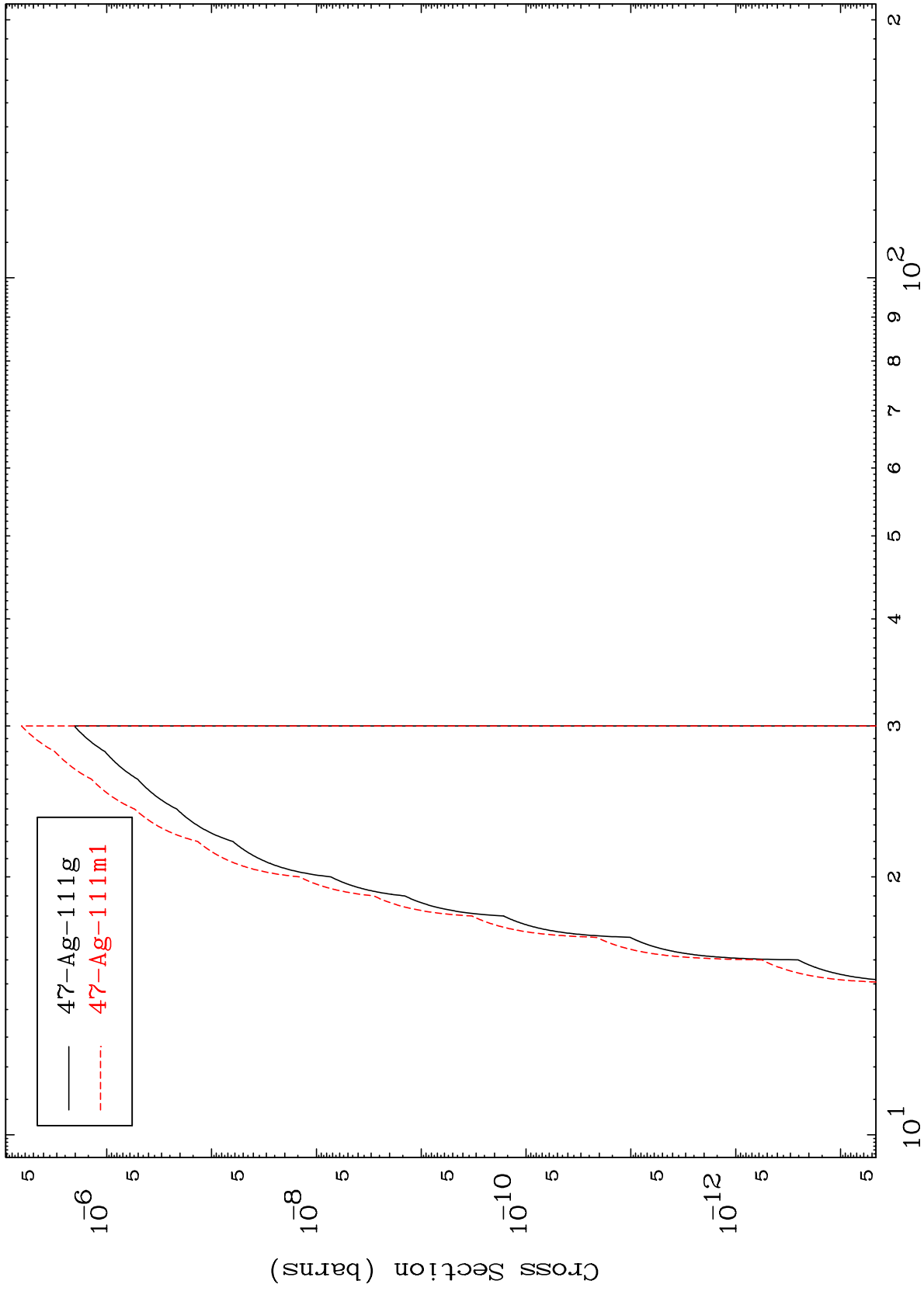
48-Cd-112

MAT 4843

(d,p) d

48-Cd-112

Radionuclide Production Cross Section



31

Incident Energy (MeV)

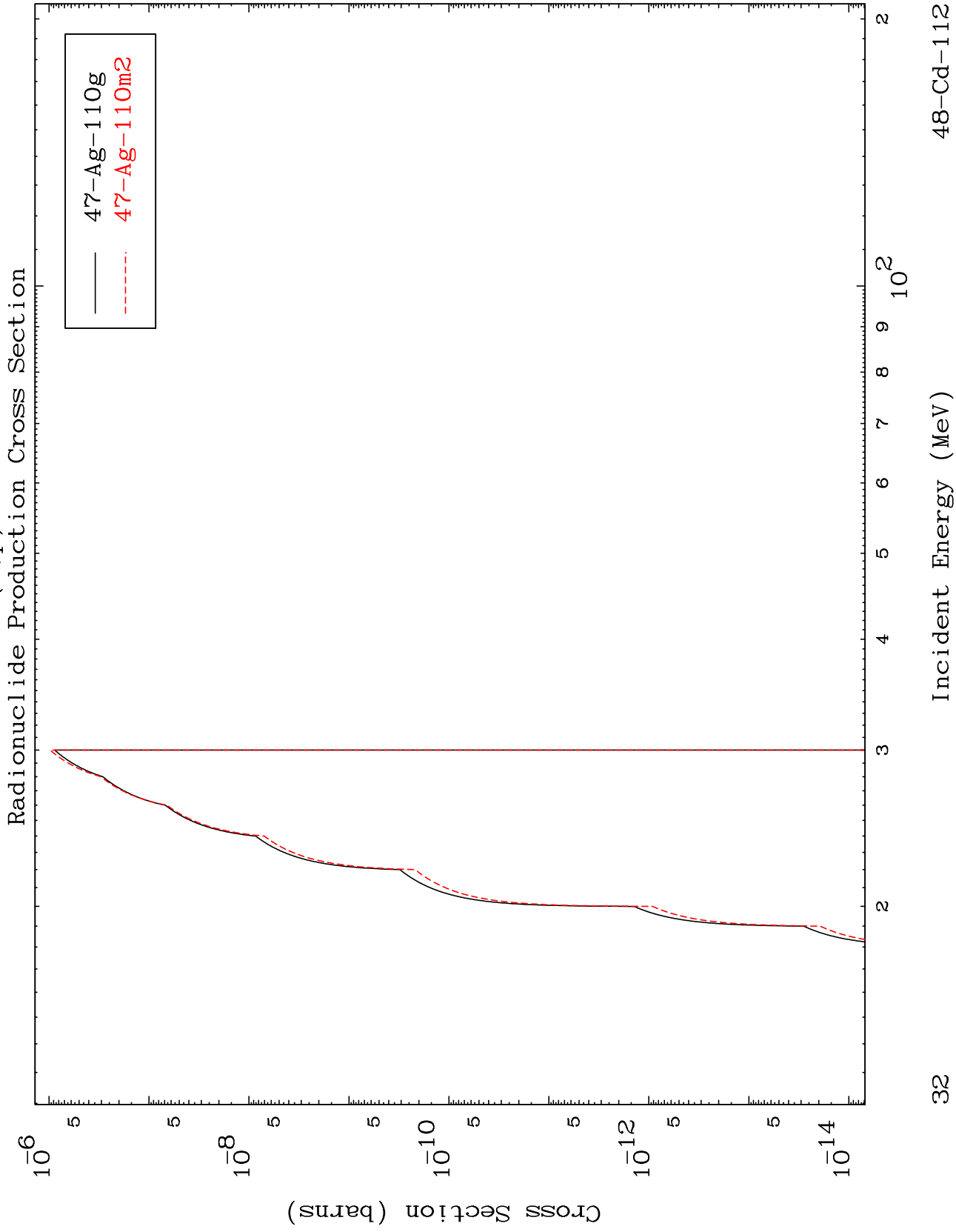
48-Cd-112



MAT 4843

(d,p) t

48-Cd-112



32

48-Cd-112