

Program EVALPLOT  
(Version 2021-1)

by

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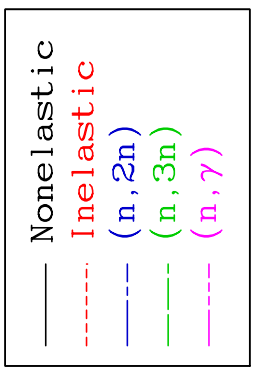
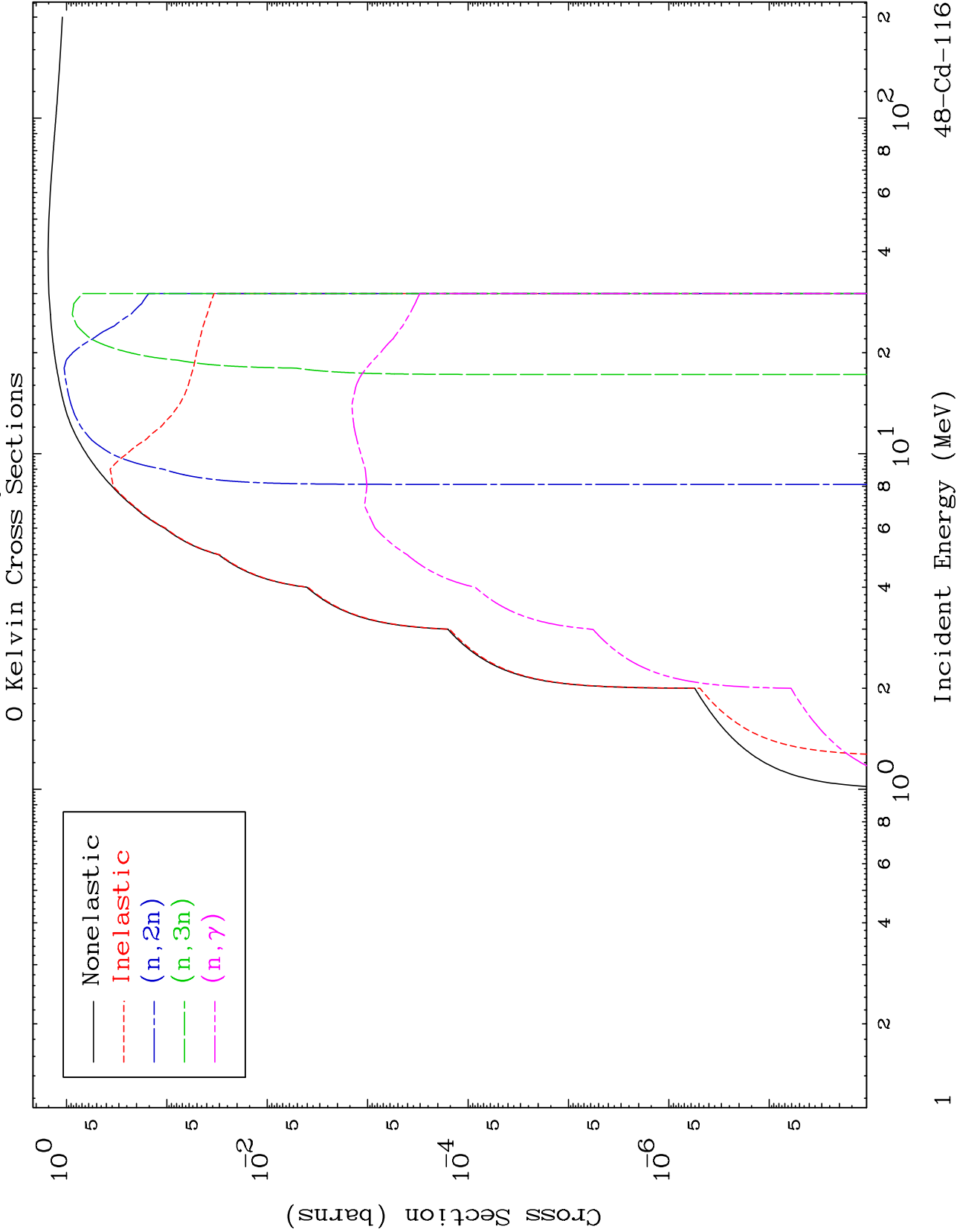
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4855

Proton Major

48-Cd-116



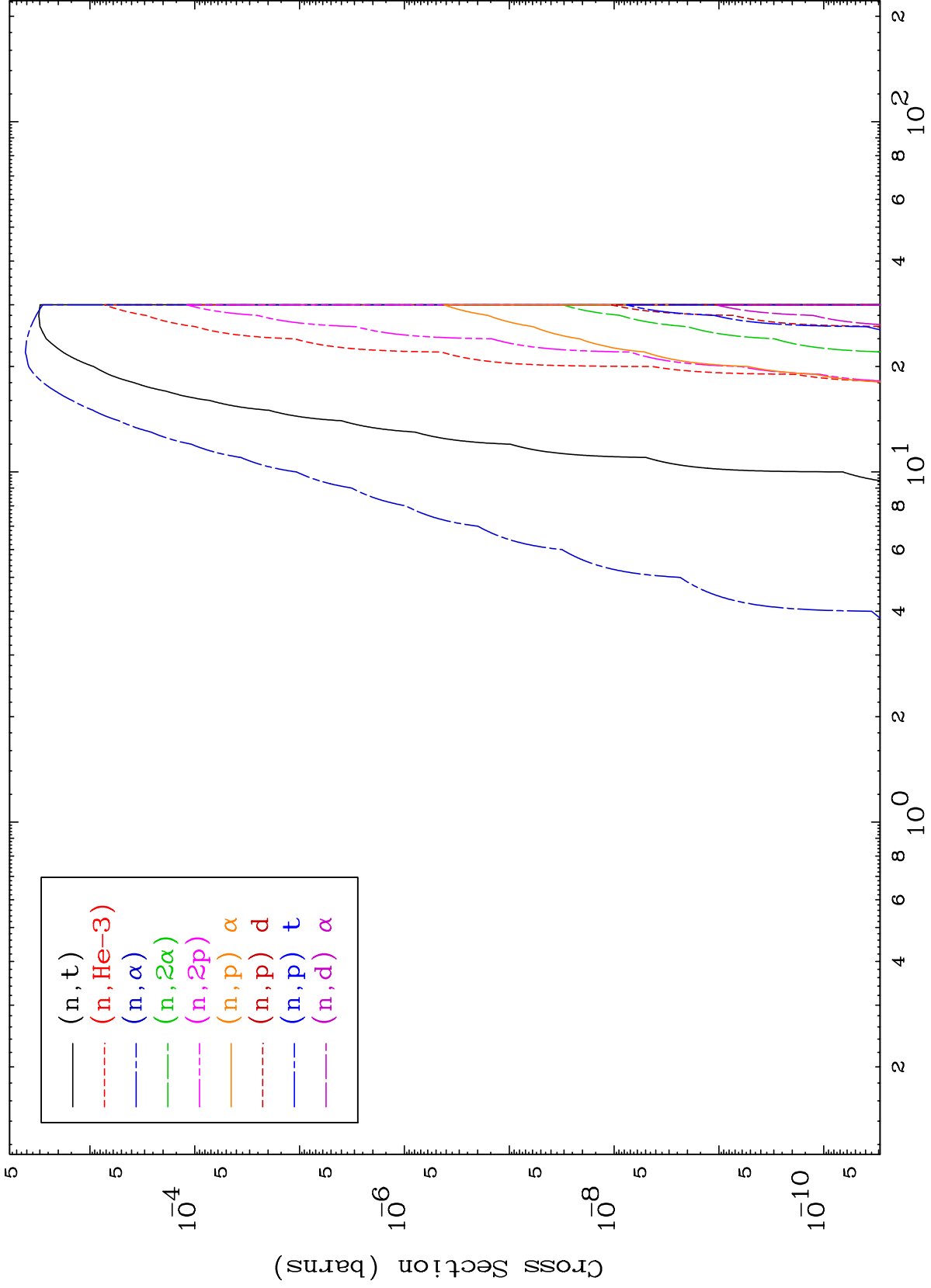




MAT 4855

Proton Neutron Absorption  
0 Kelvin Cross Sections

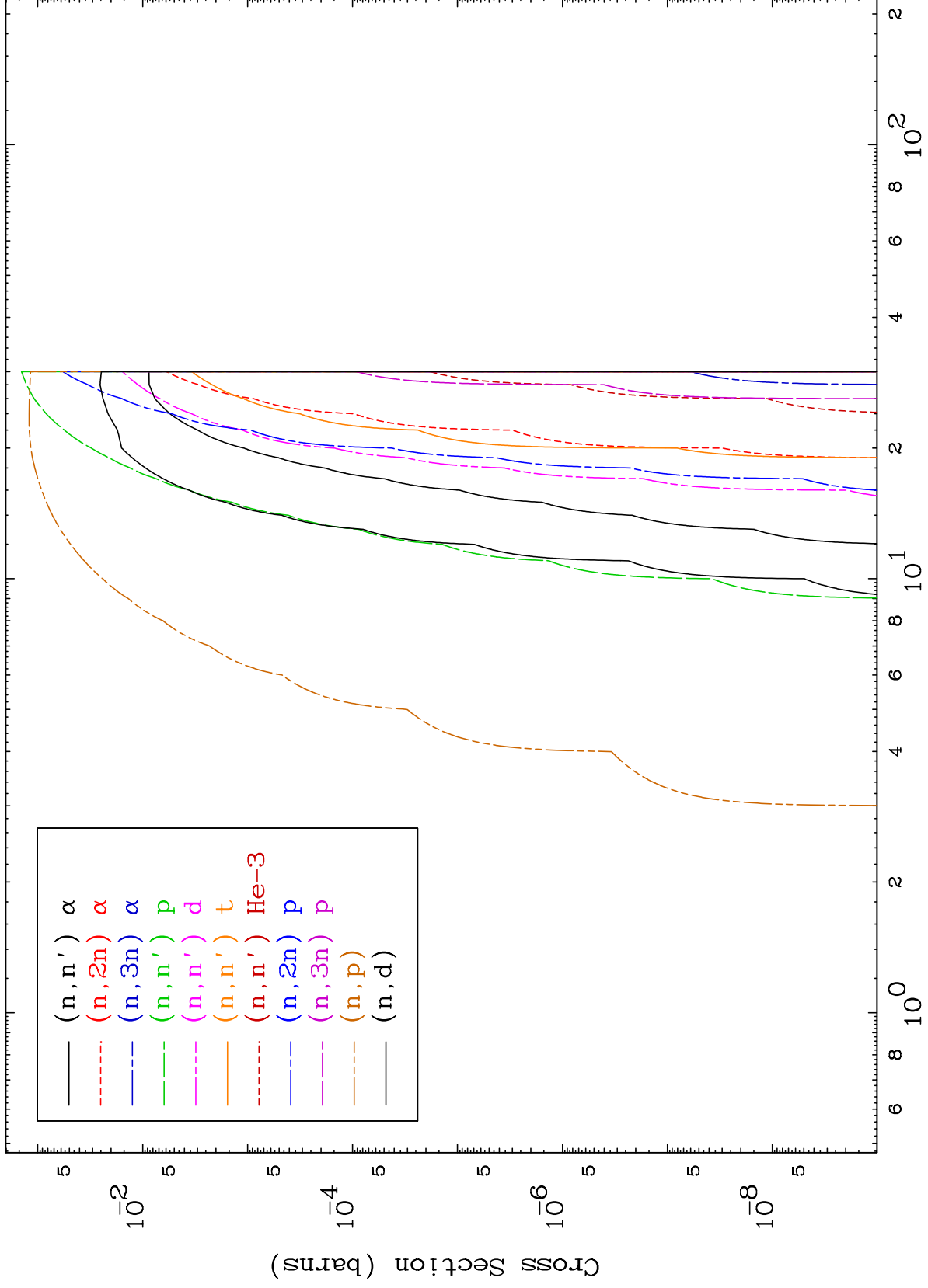
48-Cd-116



MAT 4855

Proton Charged Particle  
0 Kelvin Cross Sections

48-Cd-116



5

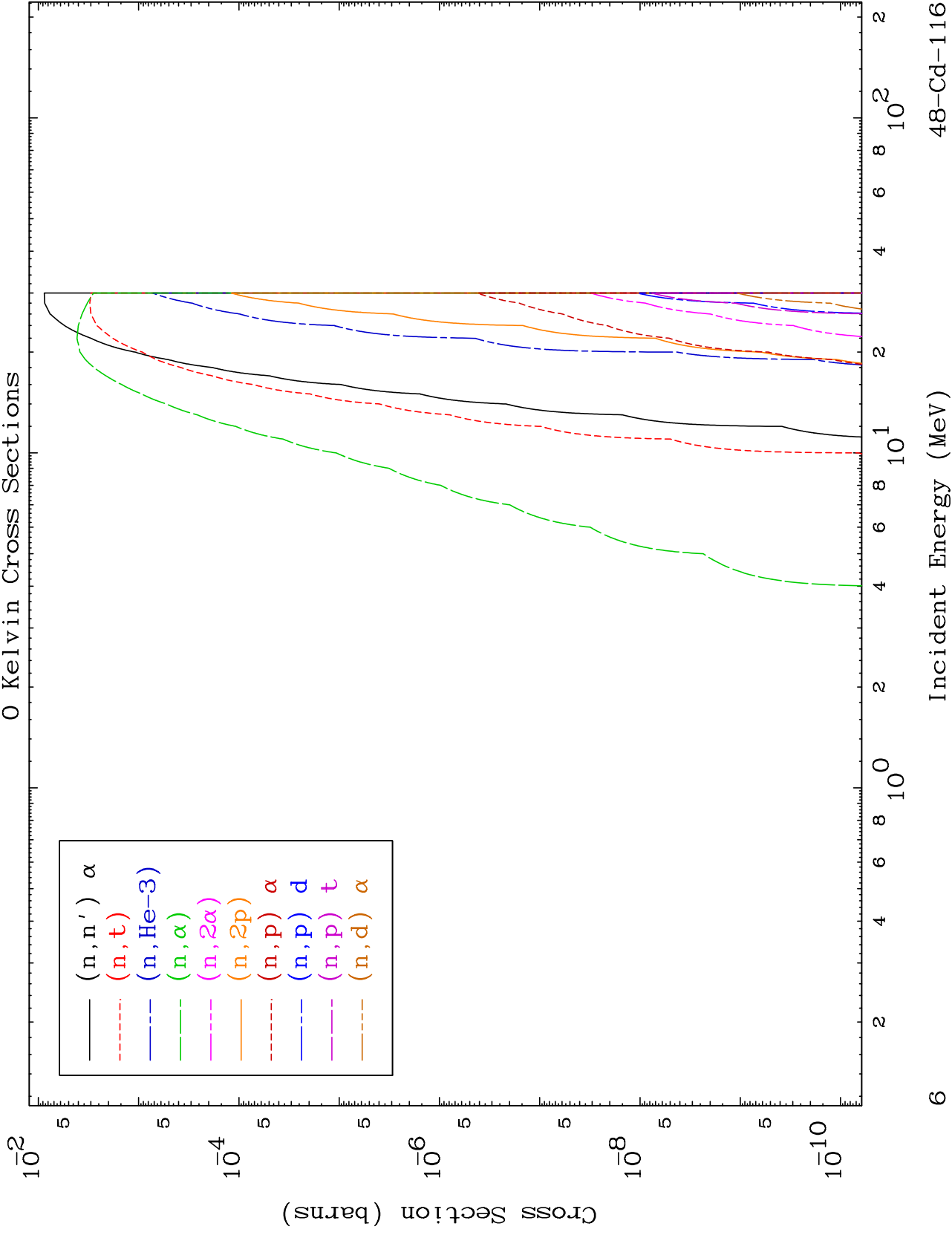
Incident Energy (MeV)

48-Cd-116

MAT 4855

Proton Charged Particle  
0 Kelvin Cross Sections

48-Cd-116

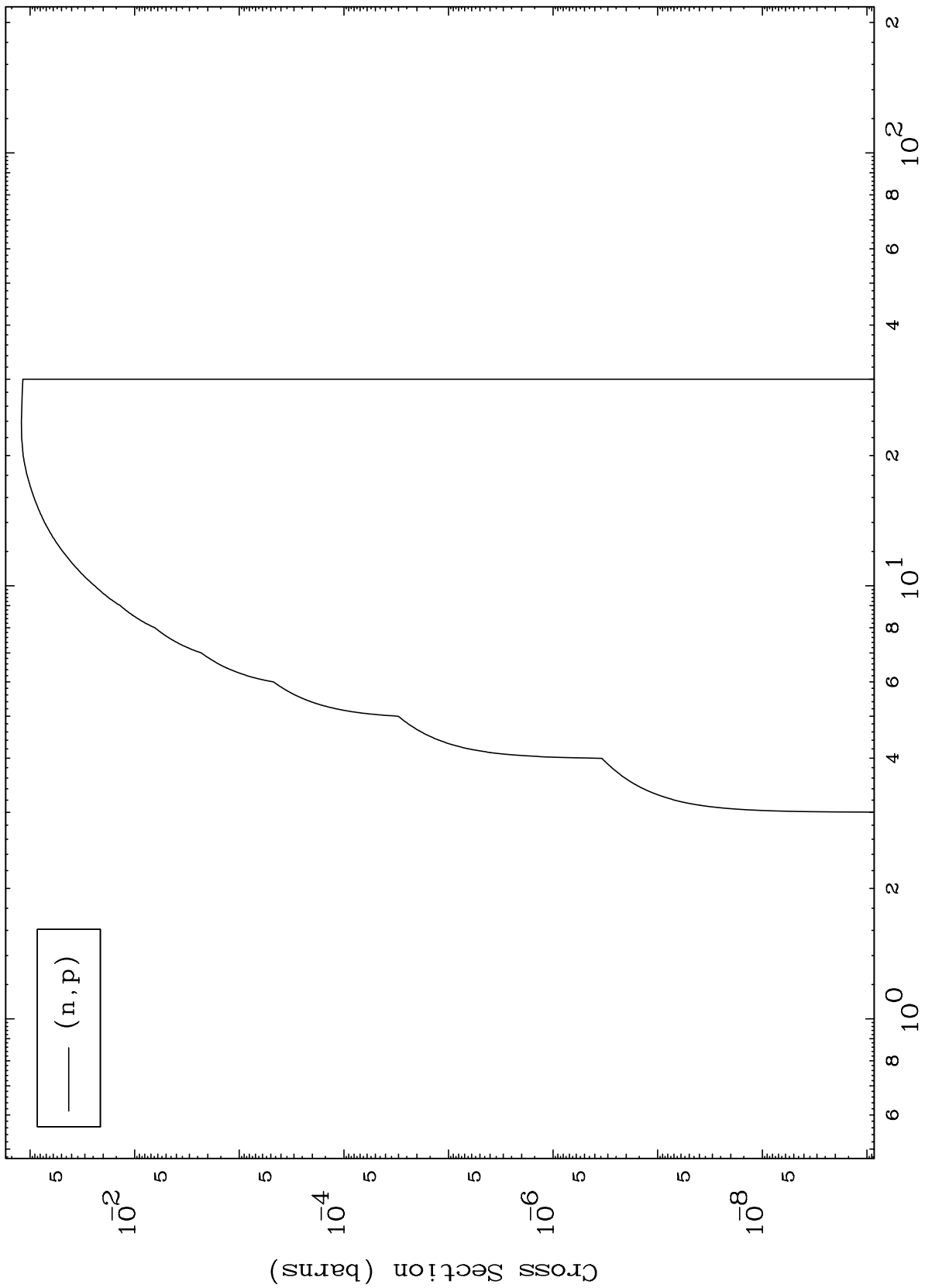


MAT 4855

(p,p) Levels

48-Cd-116

0 Kelvin Cross Sections



7

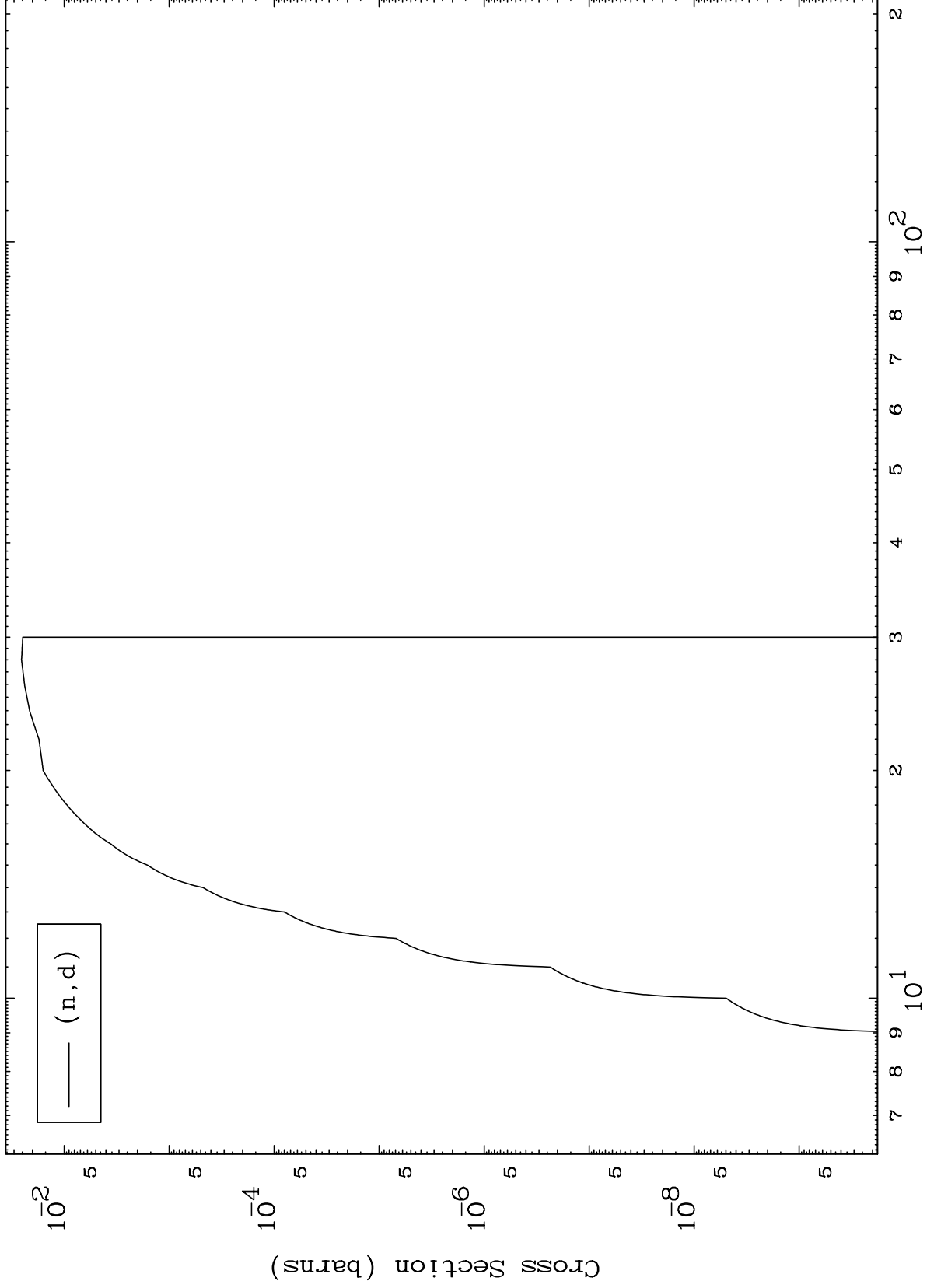
Incident Energy (MeV)

48-Cd-116

MAT 4855

(p,d) Levels  
0 Kelvin Cross Sections

48-Cd-116



8

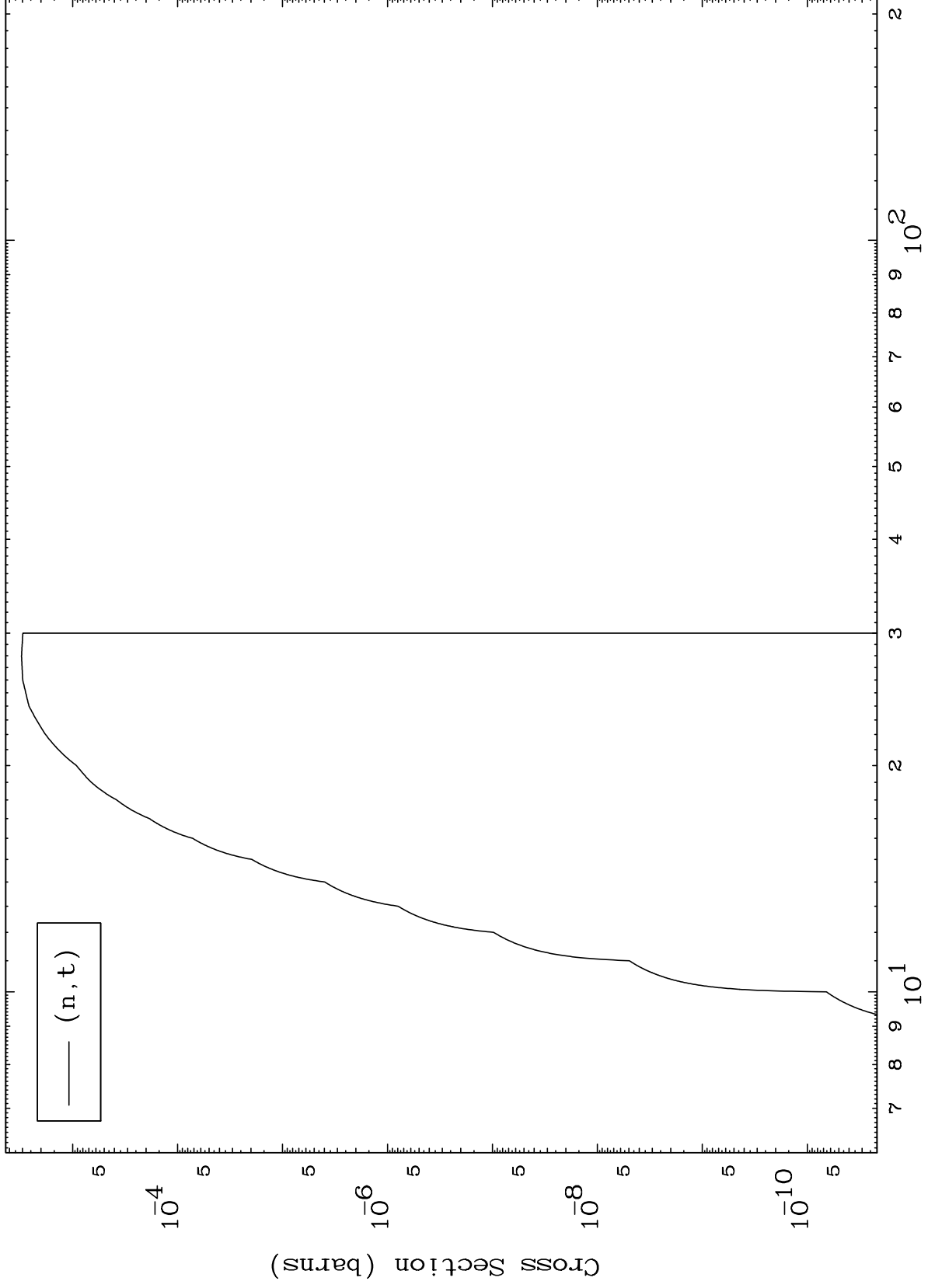
Incident Energy (MeV)

48-Cd-116

MAT 4855

(p,t) Levels  
0 Kelvin Cross Sections

48-Cd-116



9

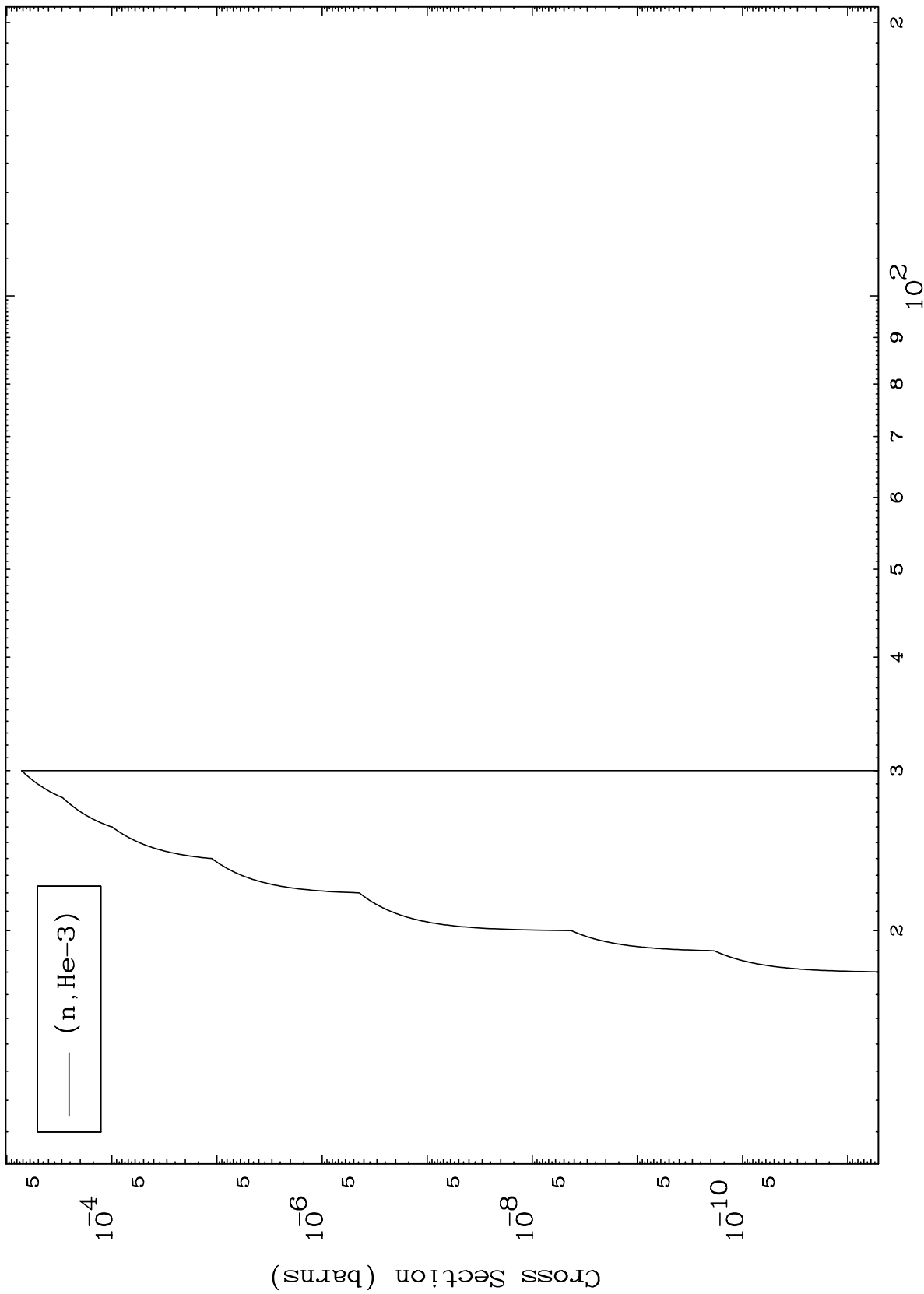
Incident Energy (MeV)

48-Cd-116

MAT 4855

(p,He3) Levels  
0 Kelvin Cross Sections

48-Cd-116



10

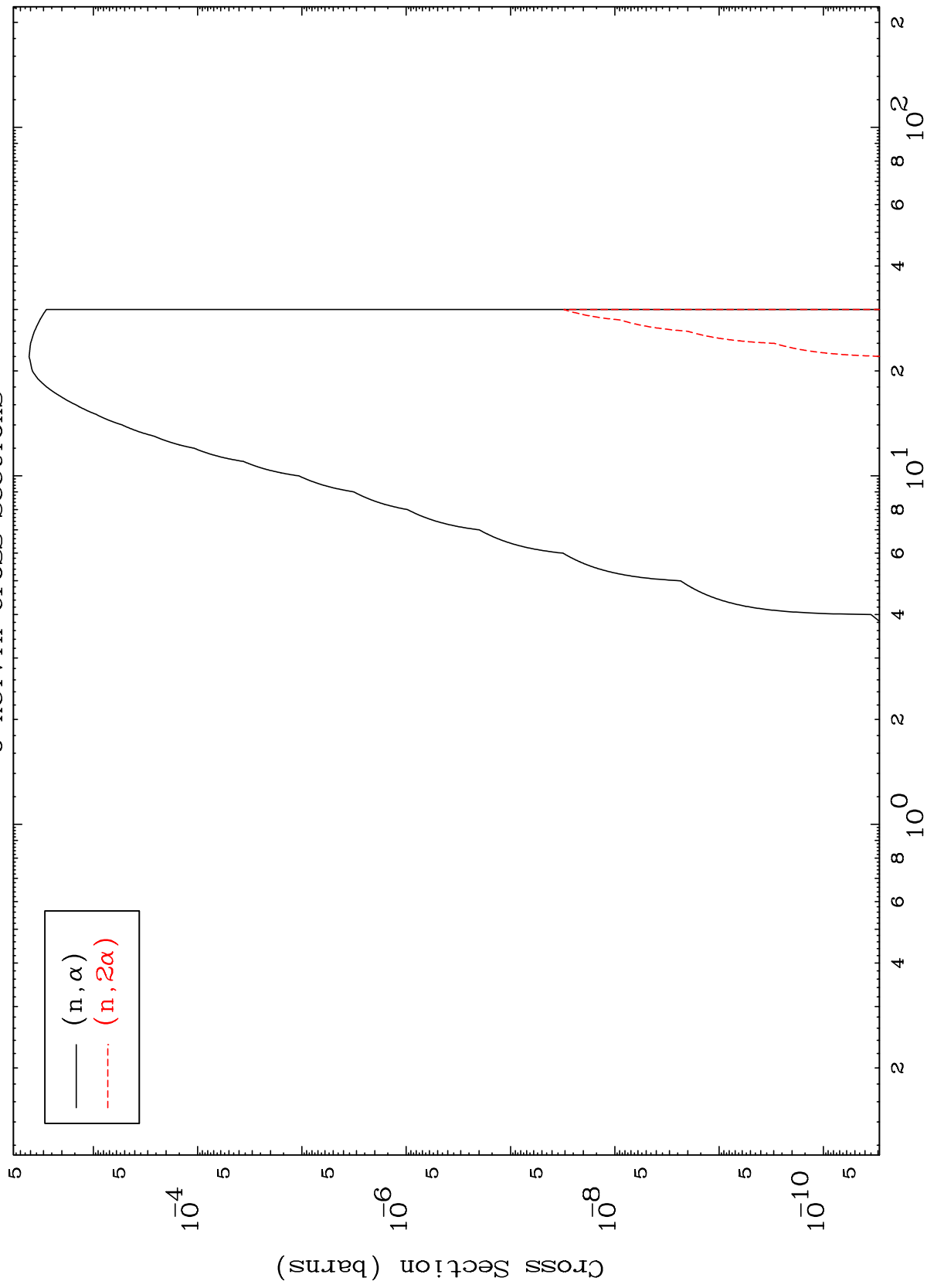
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

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



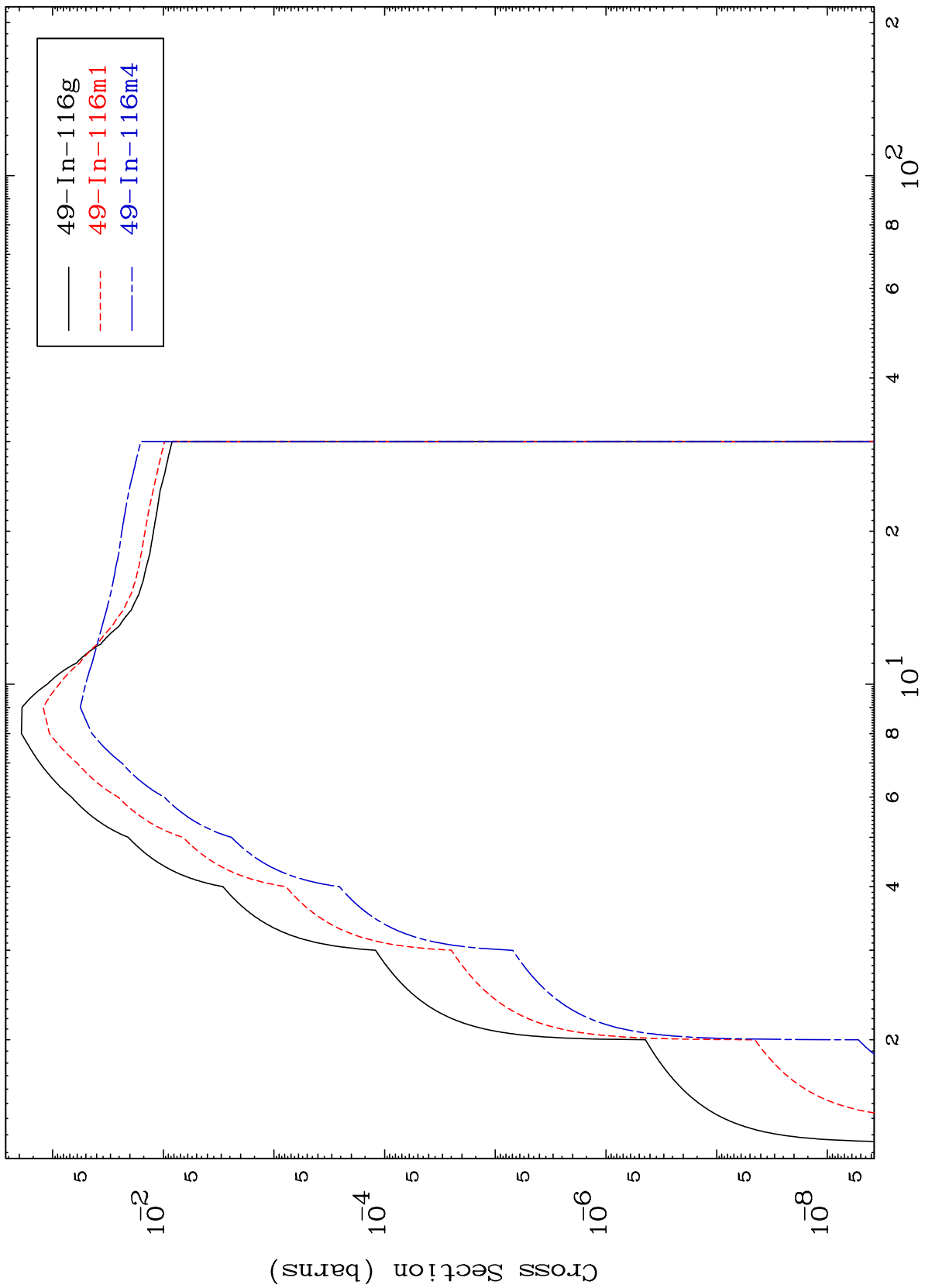
48-Cd-116

Incident Energy (MeV)

MAT 4855

48-Cd-116

Inelastic  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

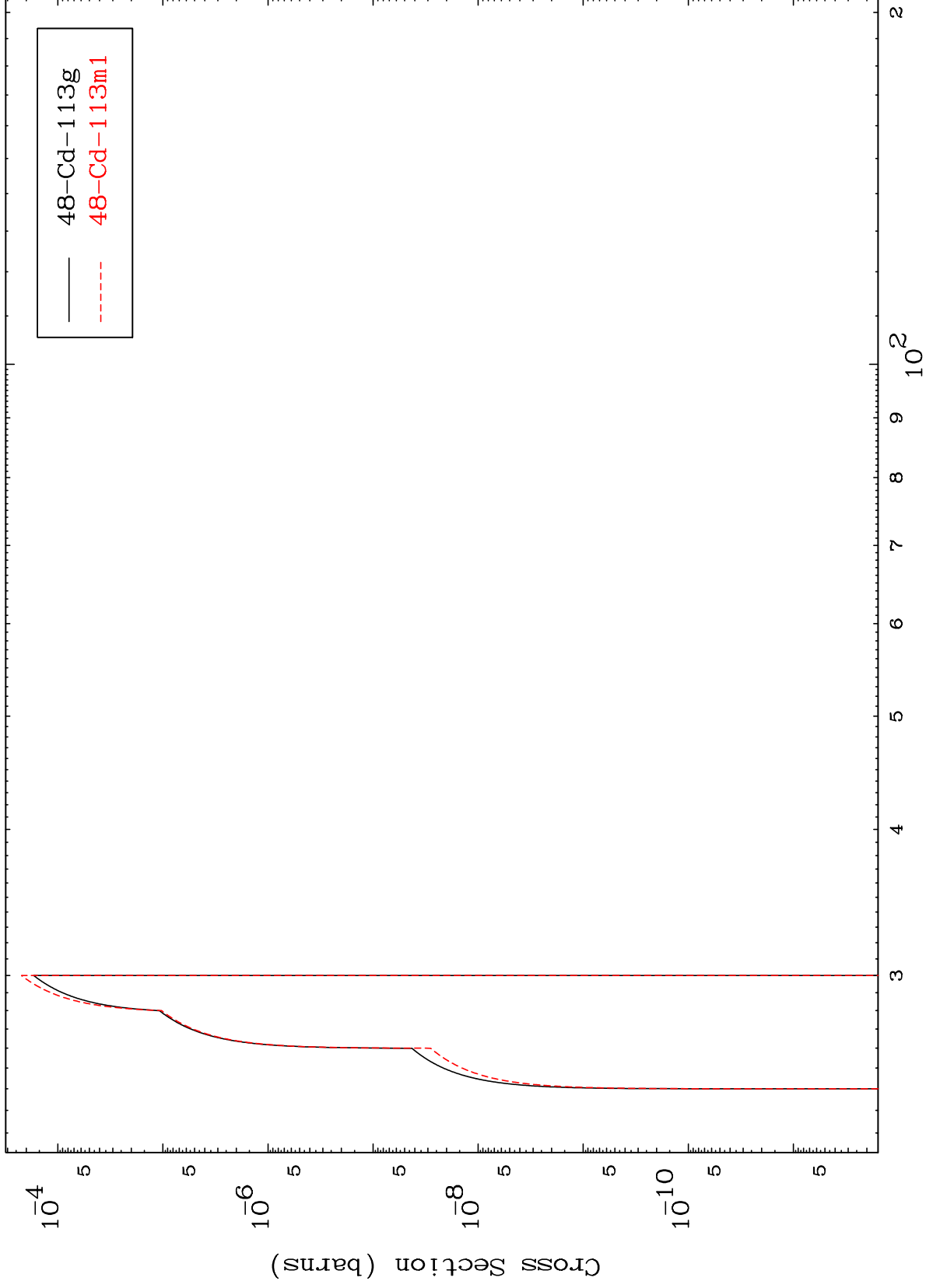
48-Cd-116

MAT 4855

(n,2n) d

48-Cd-116

Radionuclide Production Cross Section



13

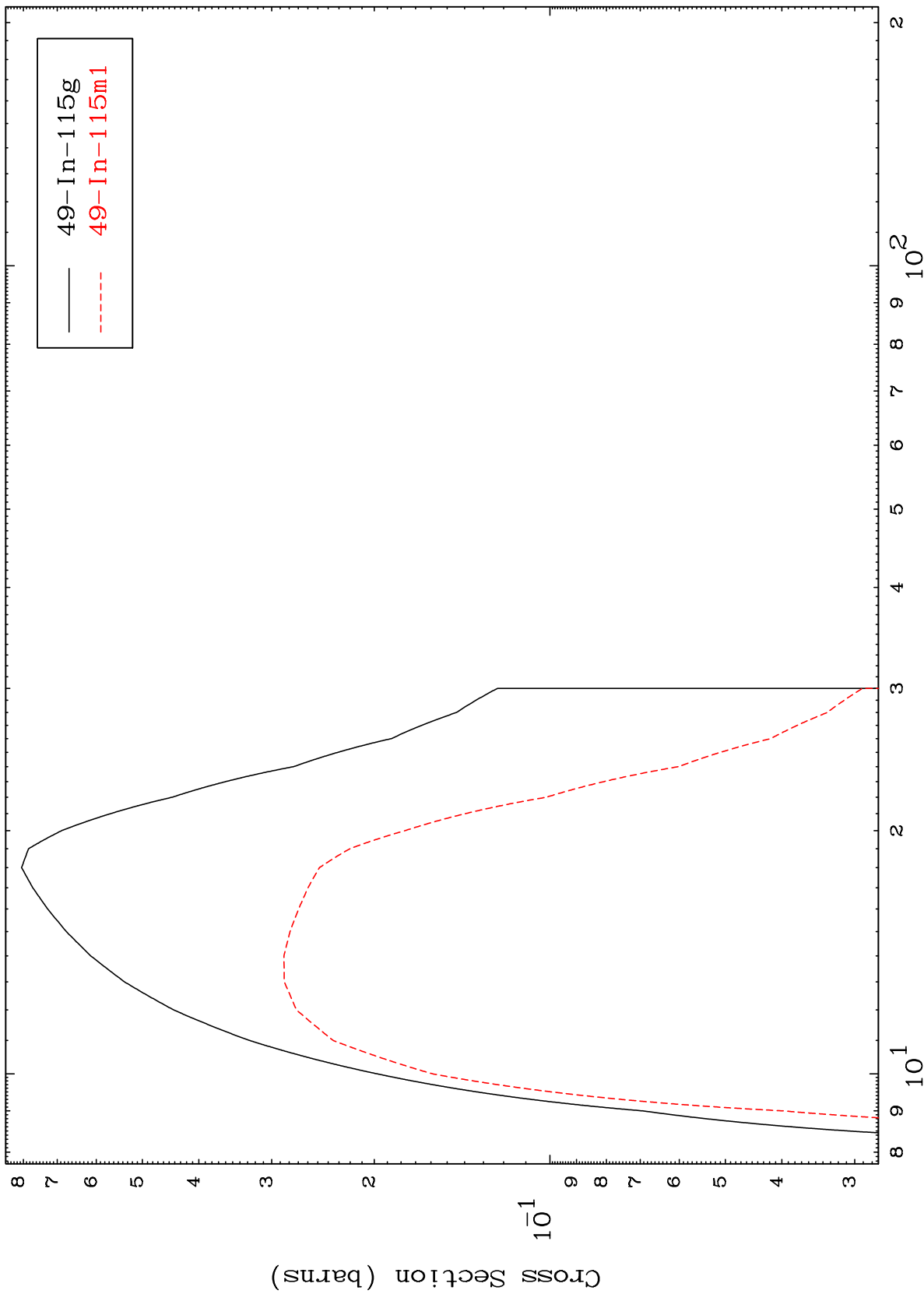
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n,2n)  
Radionuclide Production Cross Section



48-Cd-116

Incident Energy (MeV)

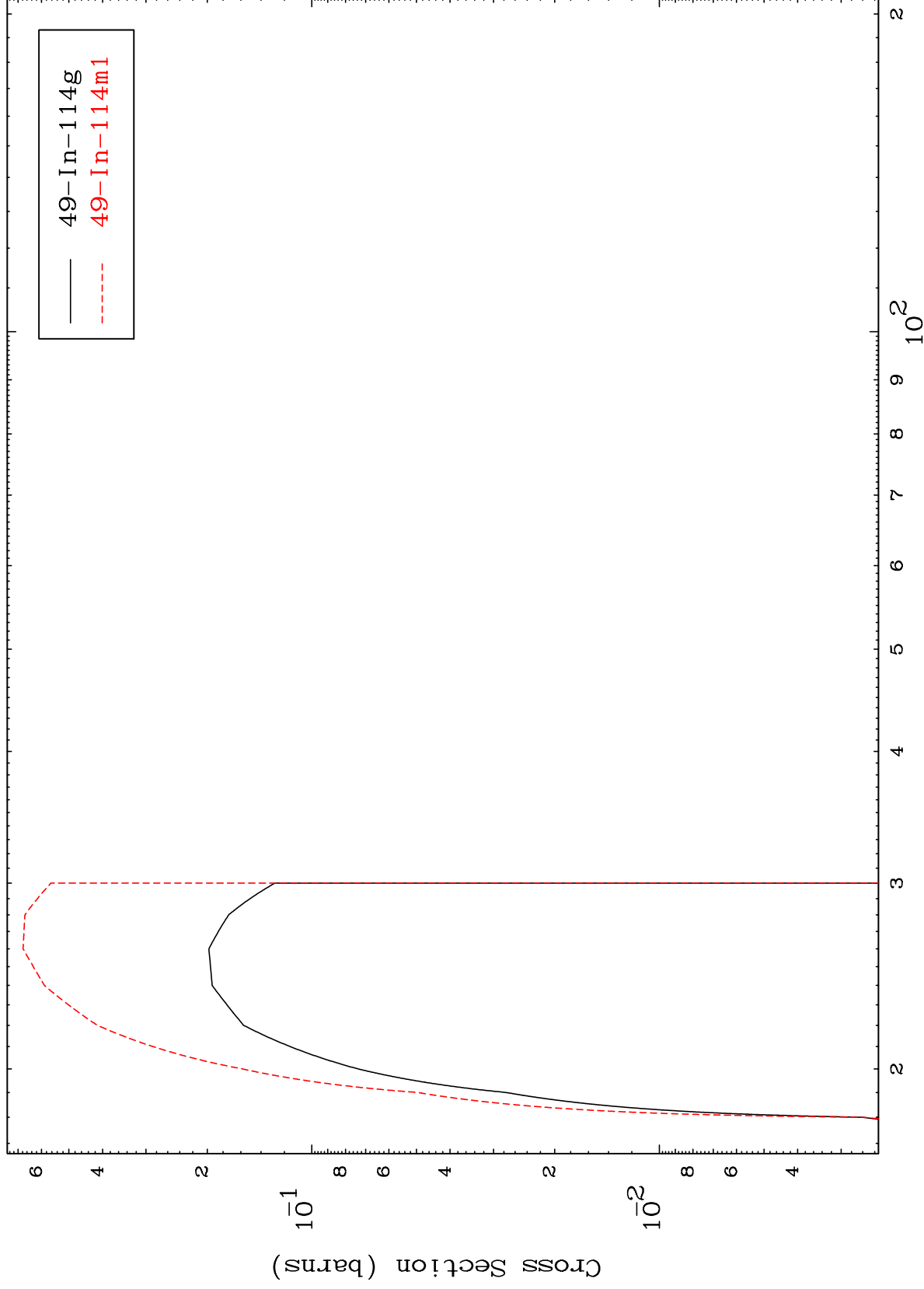
14

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(n,3n)

48-Cd-116

Radionuclide Production Cross Section



15

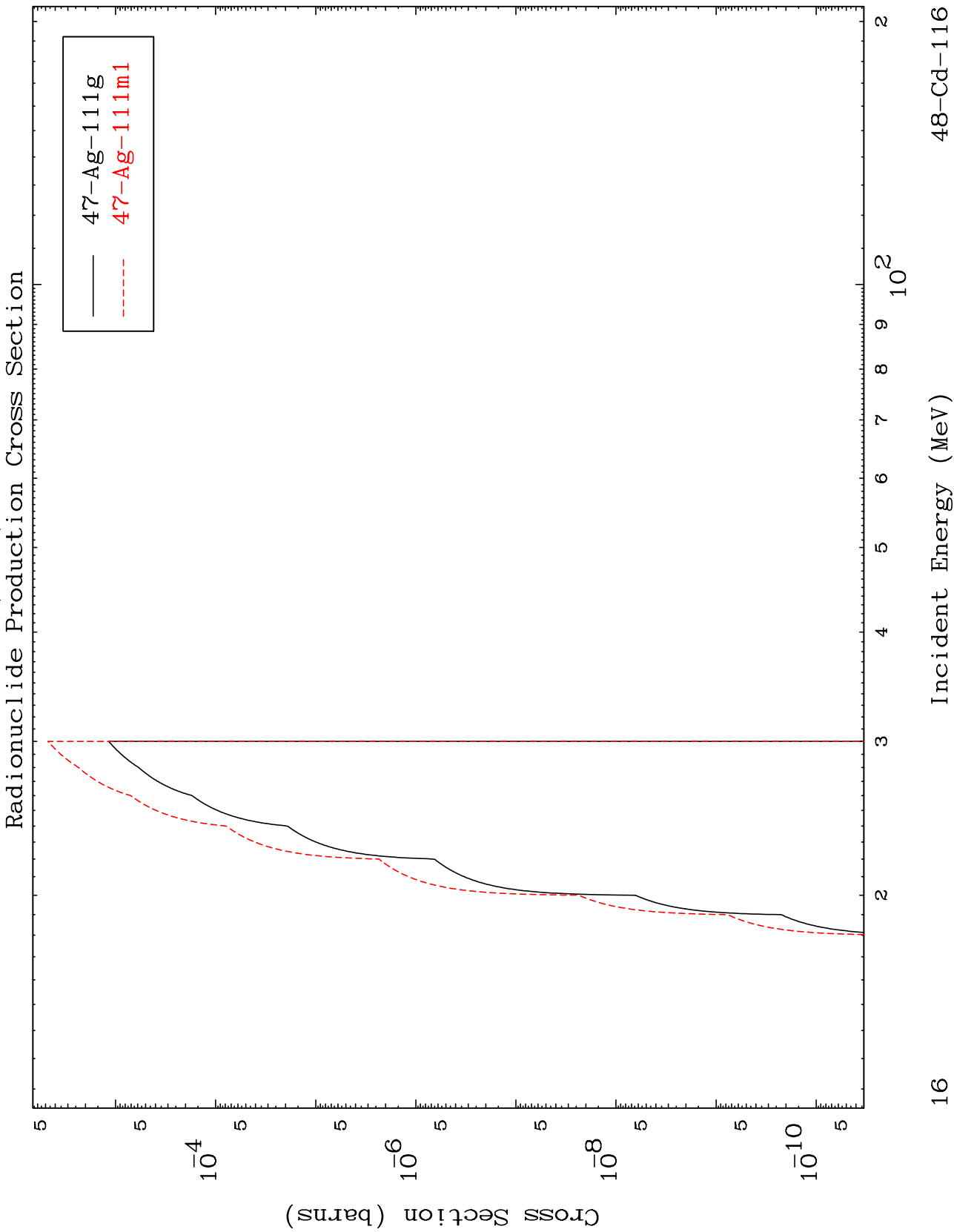
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,2n)  $\alpha$

48-Cd-116



16

48-Cd-116

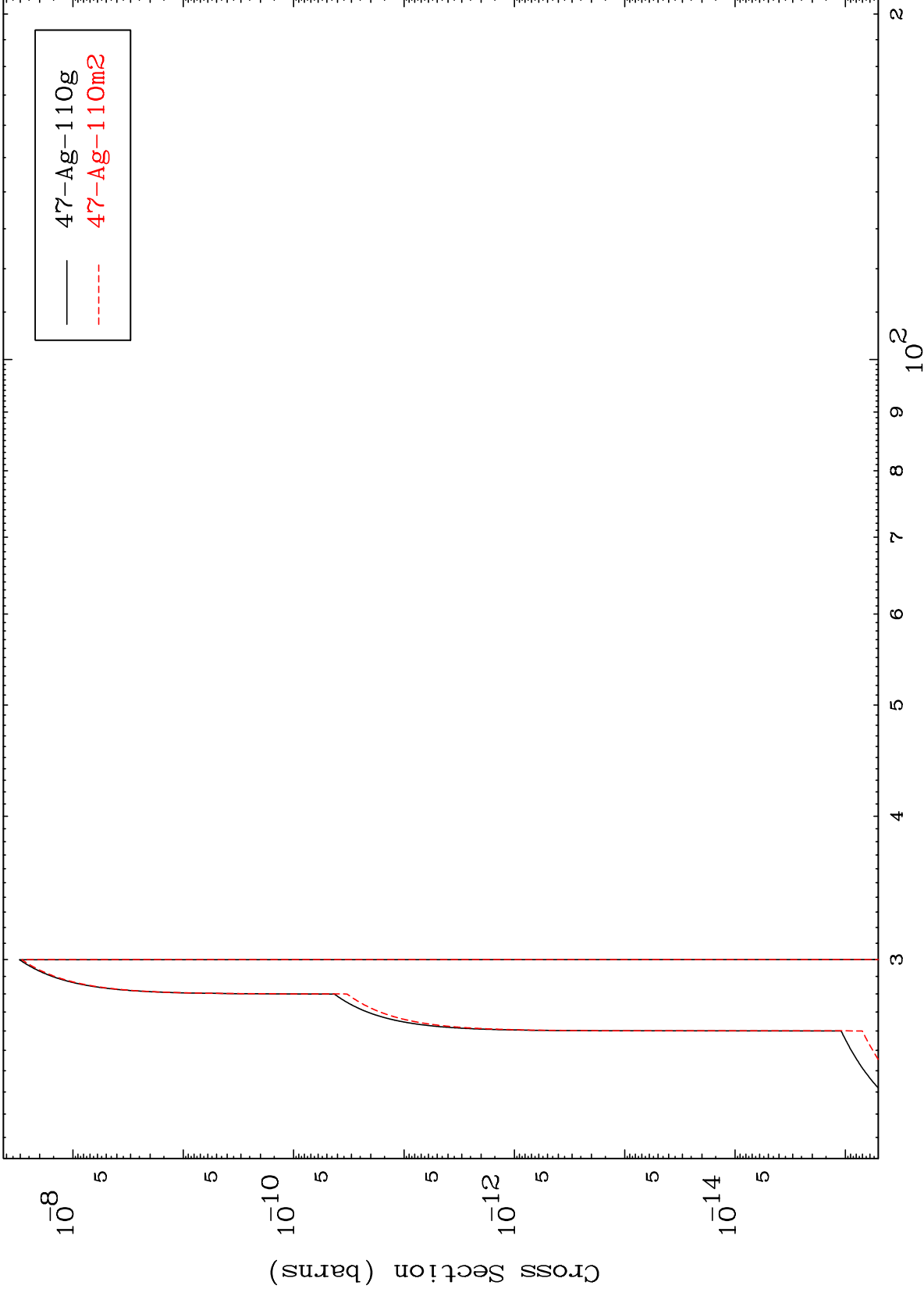
48-Cd-116

MAT 4855

(n,3n)  $\alpha$

48-Cd-116

Radionuclide Production Cross Section



17

Incident Energy (MeV)

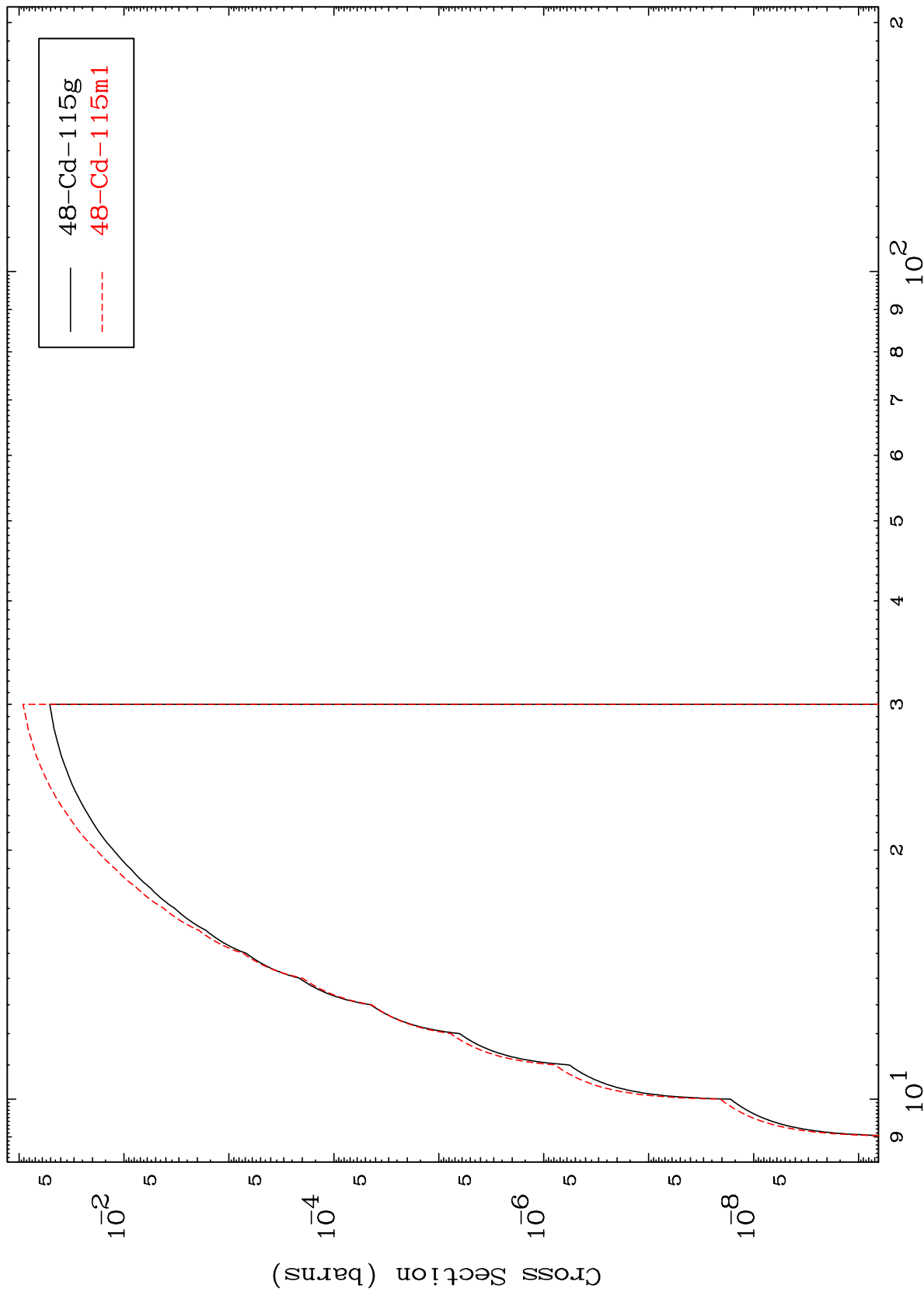
48-Cd-116

MAT 4855

(n,n') p

48-Cd-116

Radionuclide Production Cross Section



48-Cd-116

Incident Energy (MeV)

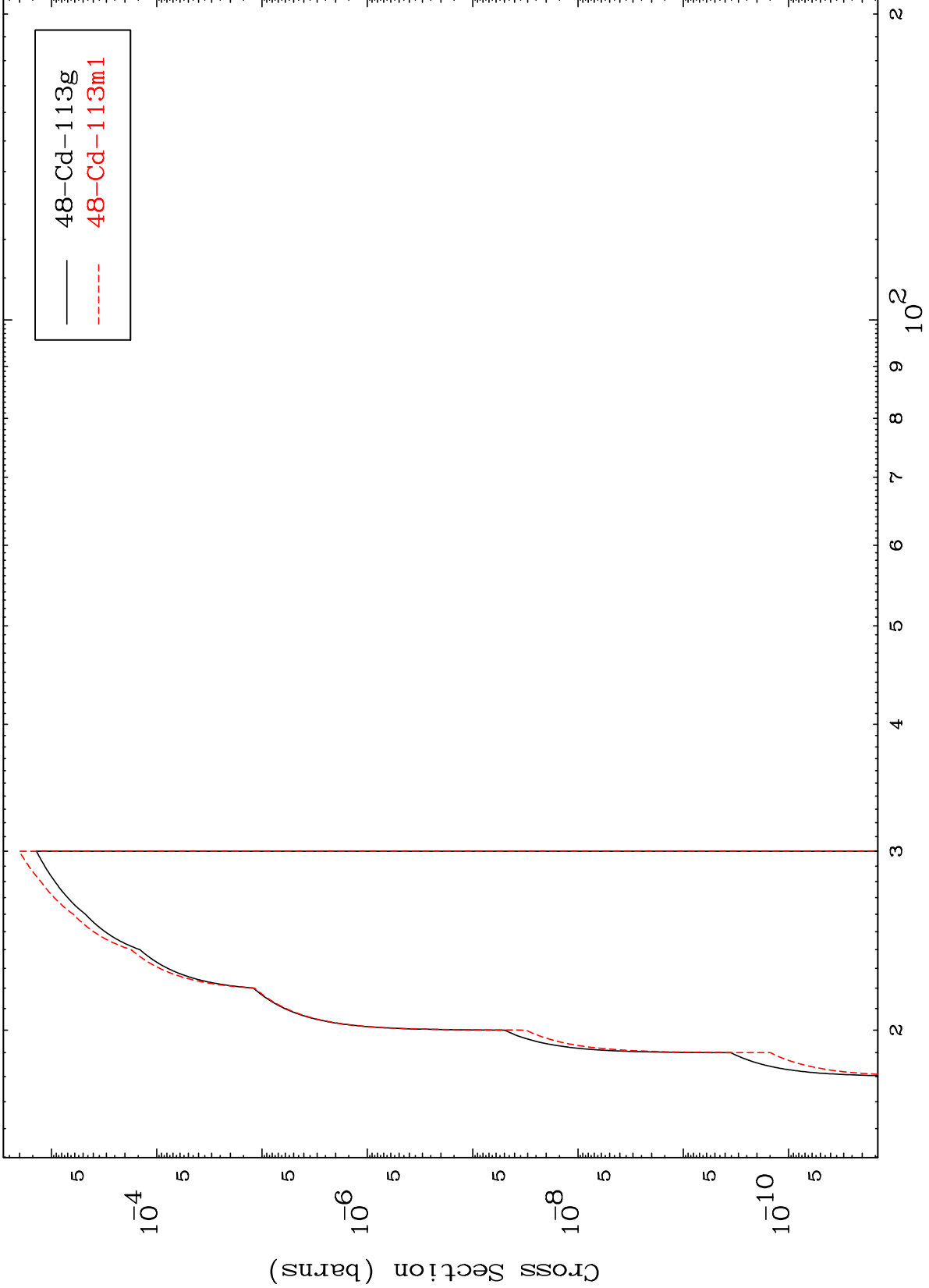
18

MAT 4855

(n,n') t

48-Cd-116

Radionuclide Production Cross Section



19

Incident Energy (MeV)

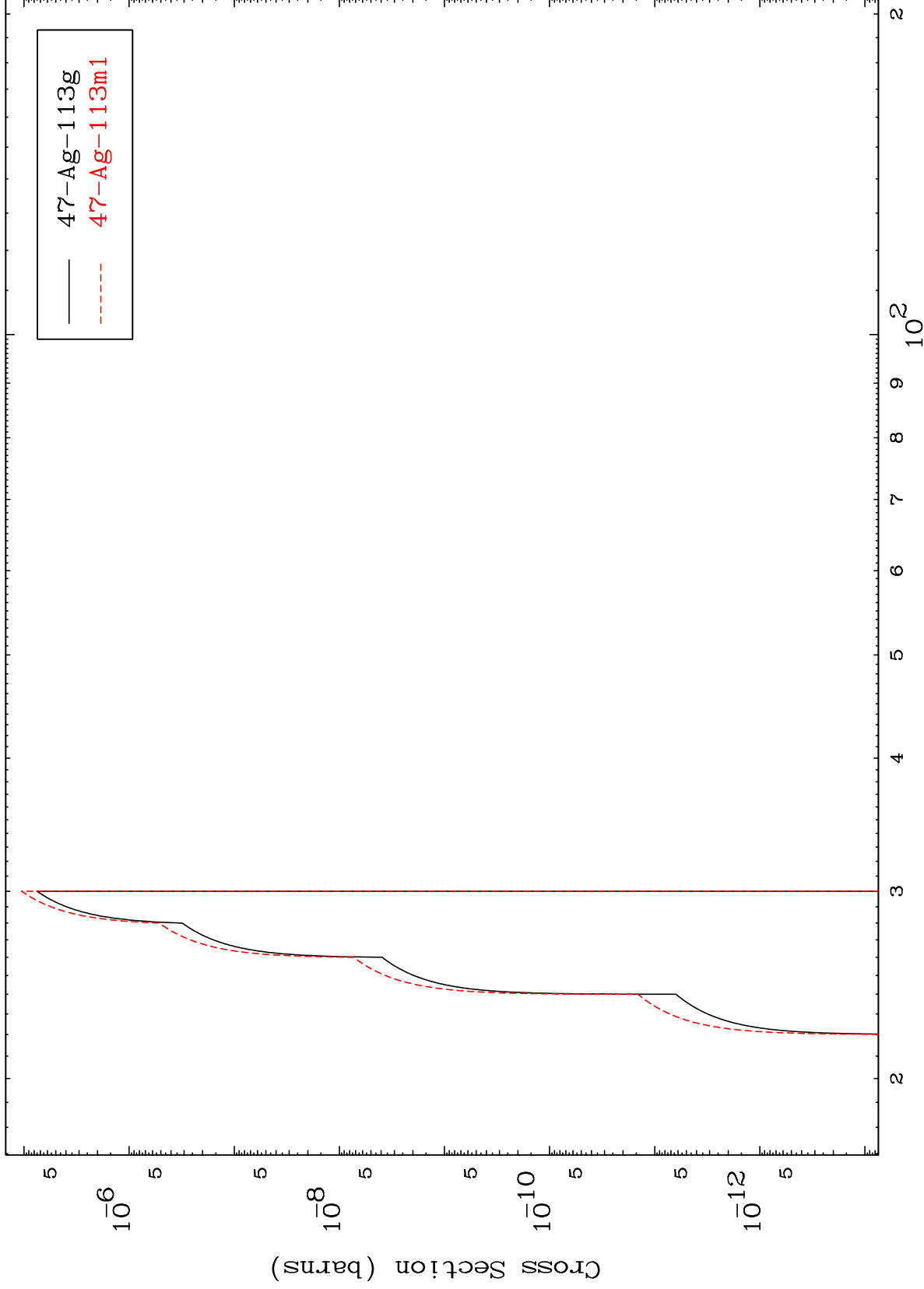
48-Cd-116

MAT 4855

(n,n') He-3

48-Cd-116

Radionuclide Production Cross Section



20

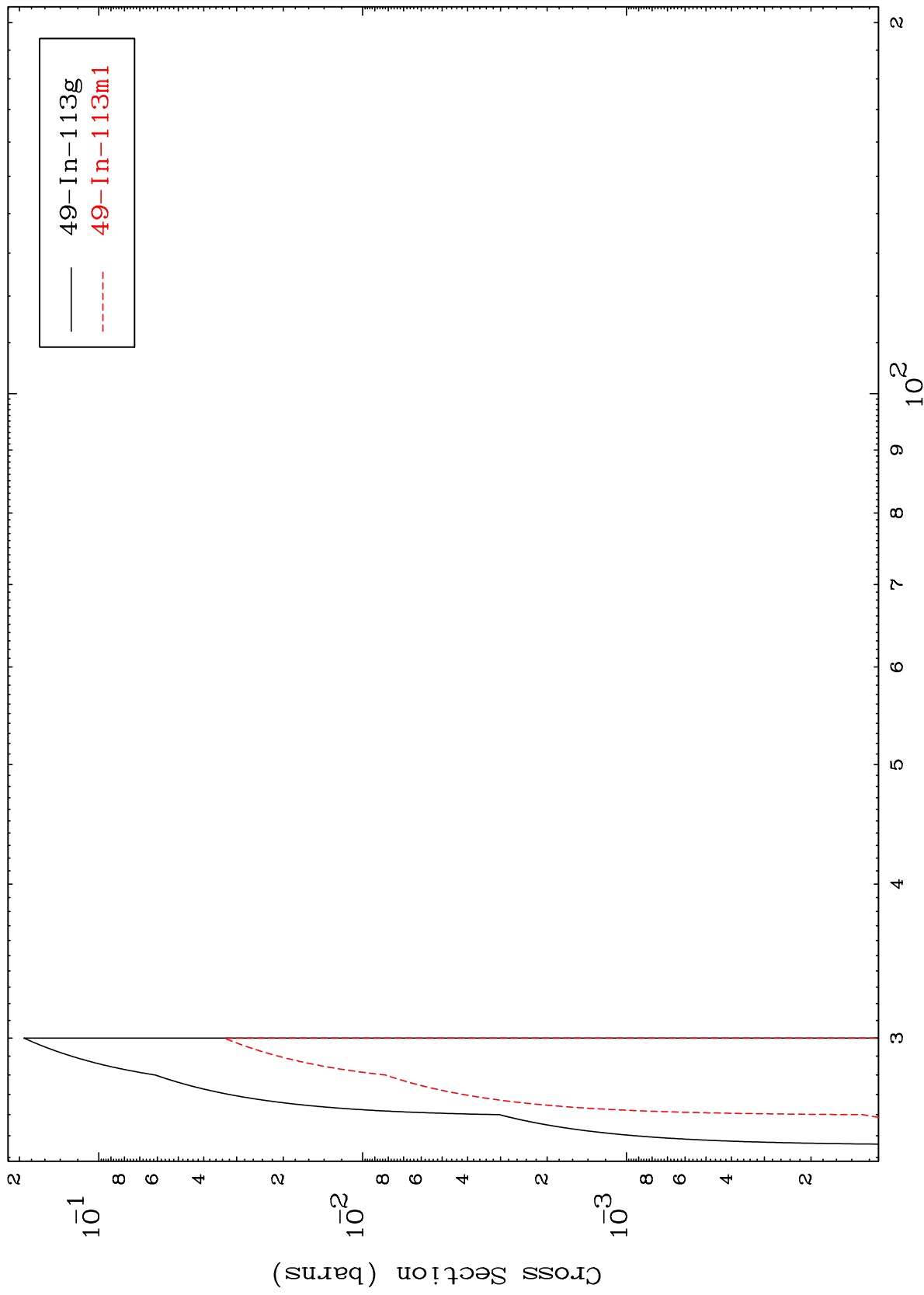
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n,4n)  
Radionuclide Production Cross Section



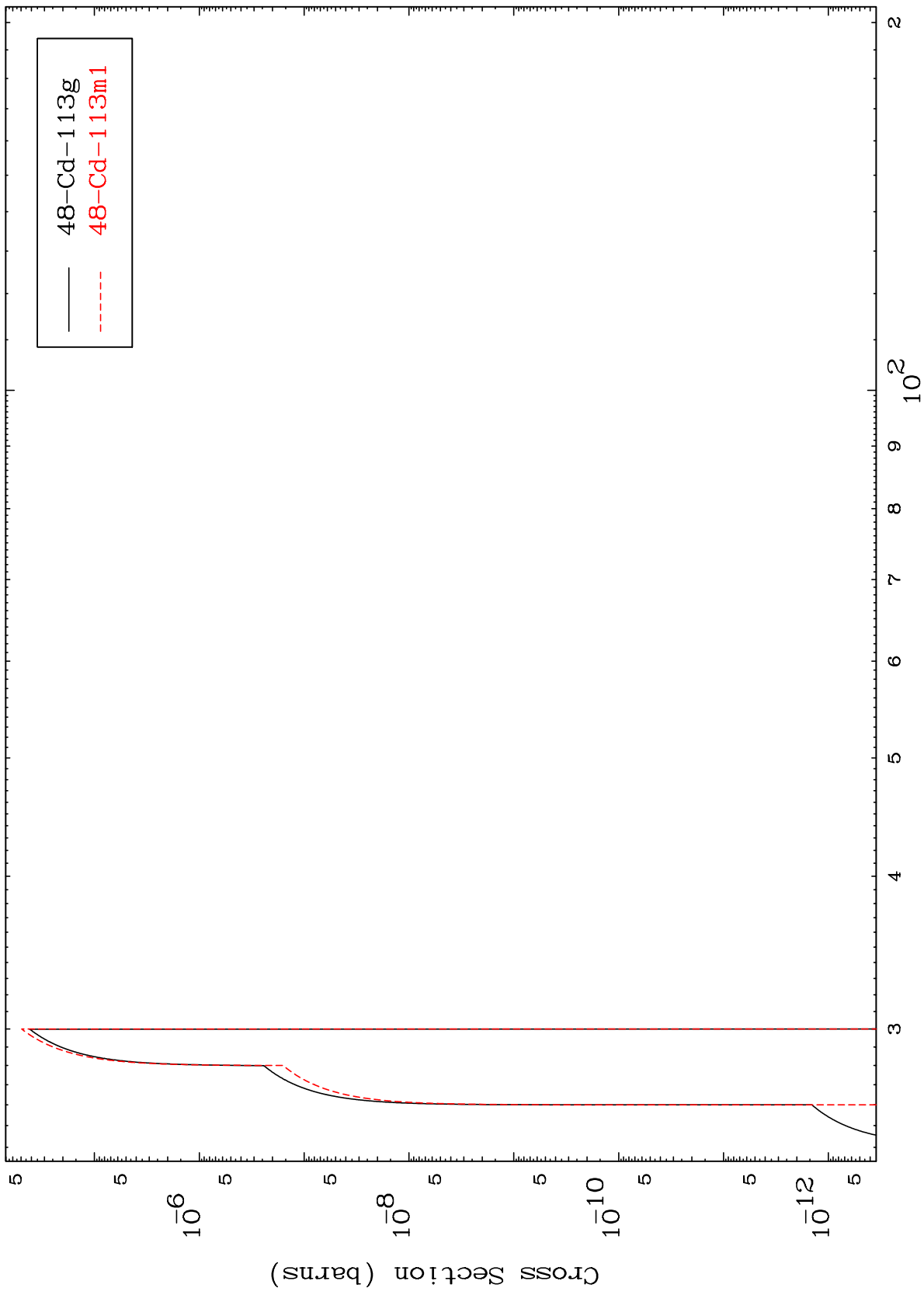
21

48-Cd-116

MAT 4855

48-Cd-116

(n,3n) p  
Radionuclide Production Cross Section

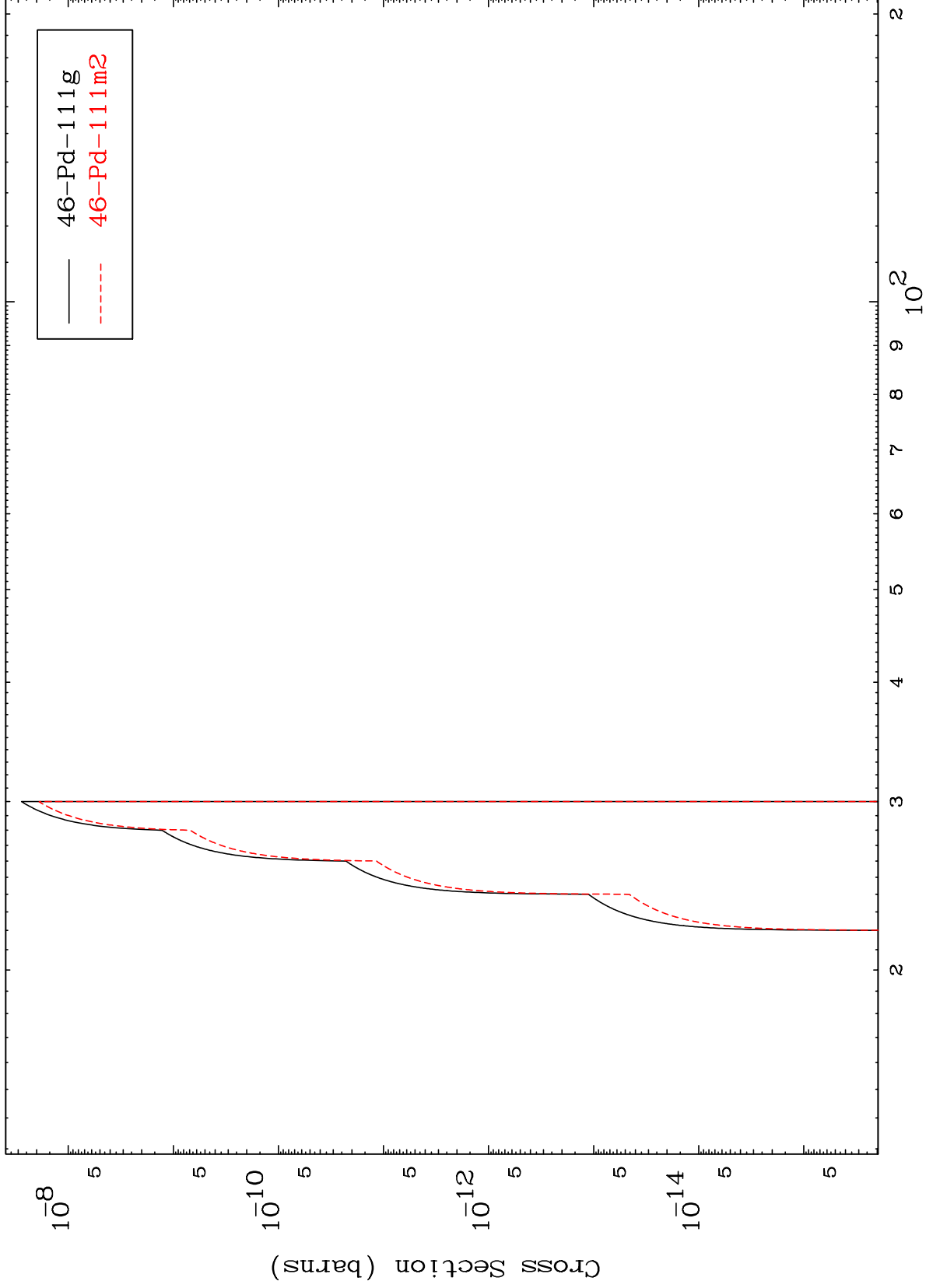


48-Cd-116

Incident Energy (MeV)

22

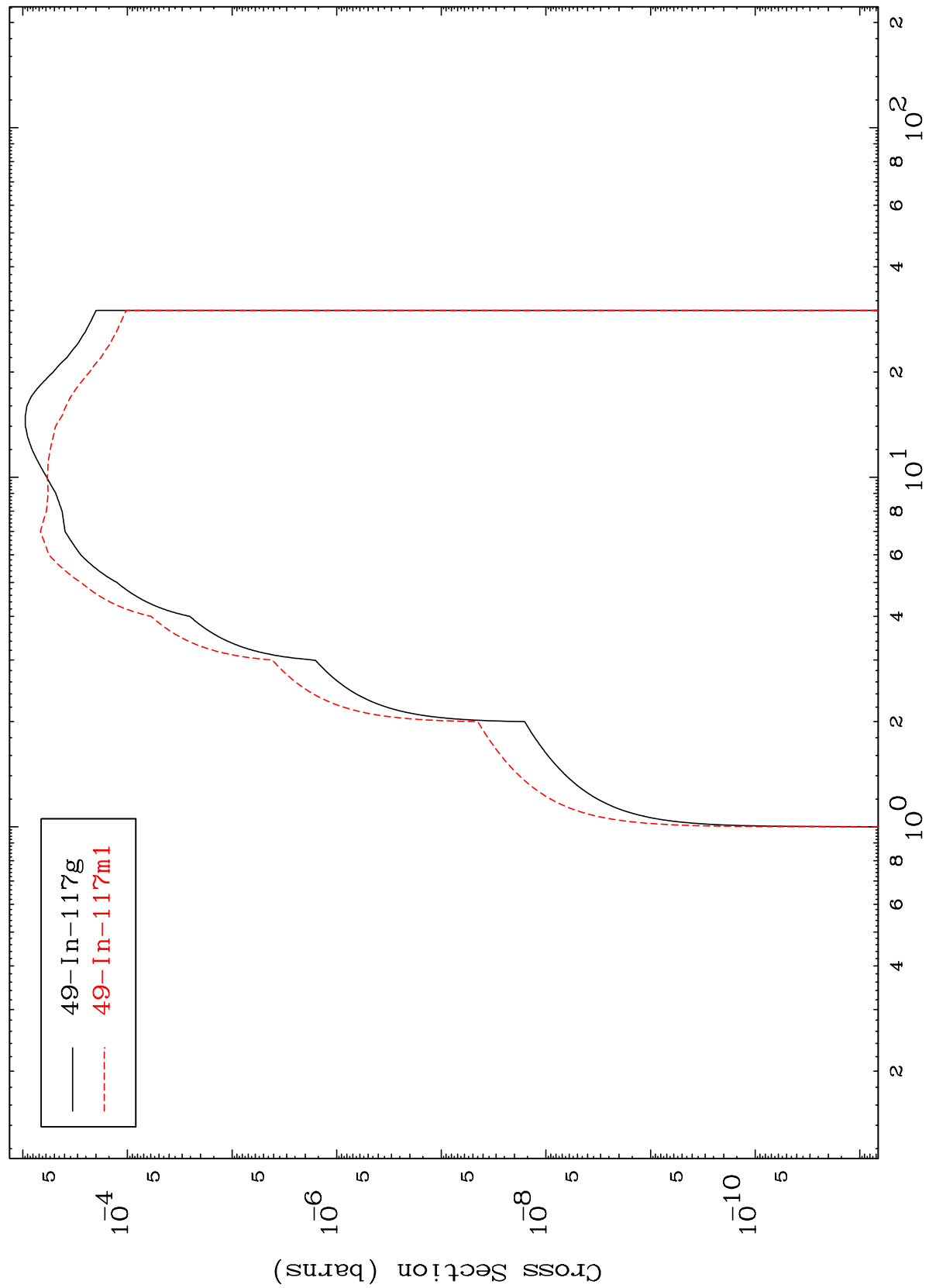
Radionuclide Production Cross Section



MAT 4855

48-Cd-116

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

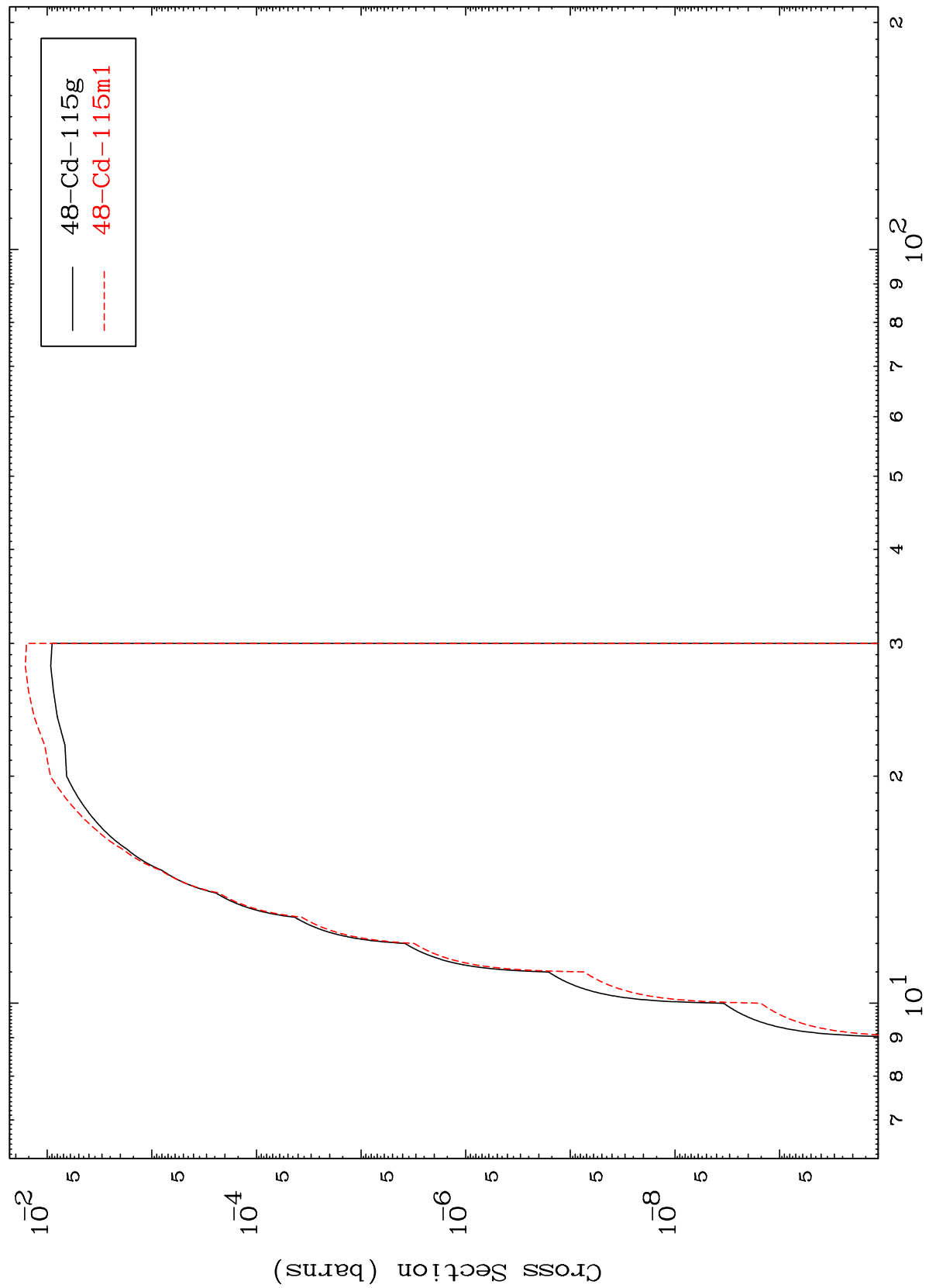


— 49-In-117g  
- - - 49-In-117m1

MAT 4855

48-Cd-116

(n,d)  
Radionuclide Production Cross Section



25

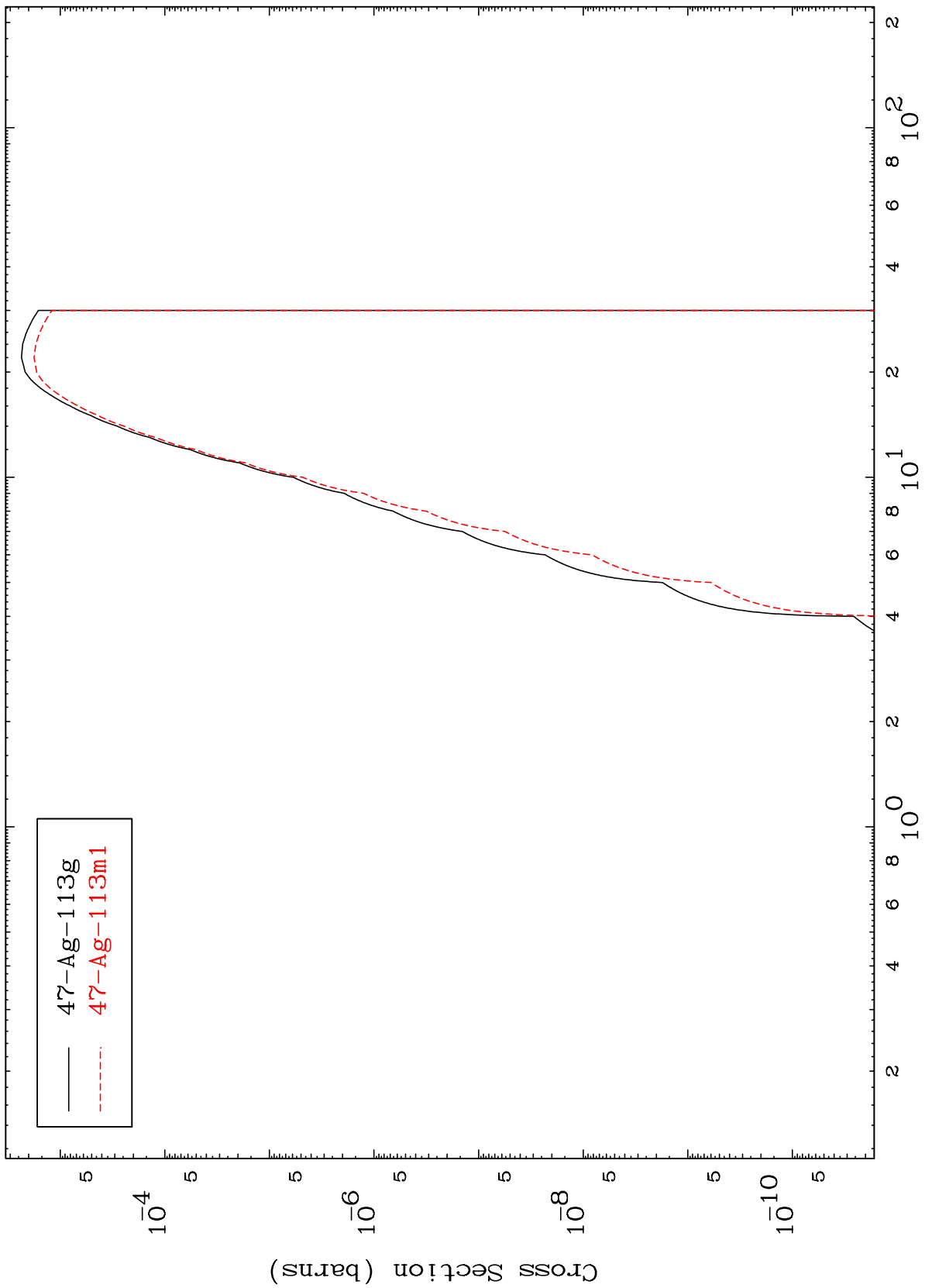
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

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



26

48-Cd-116

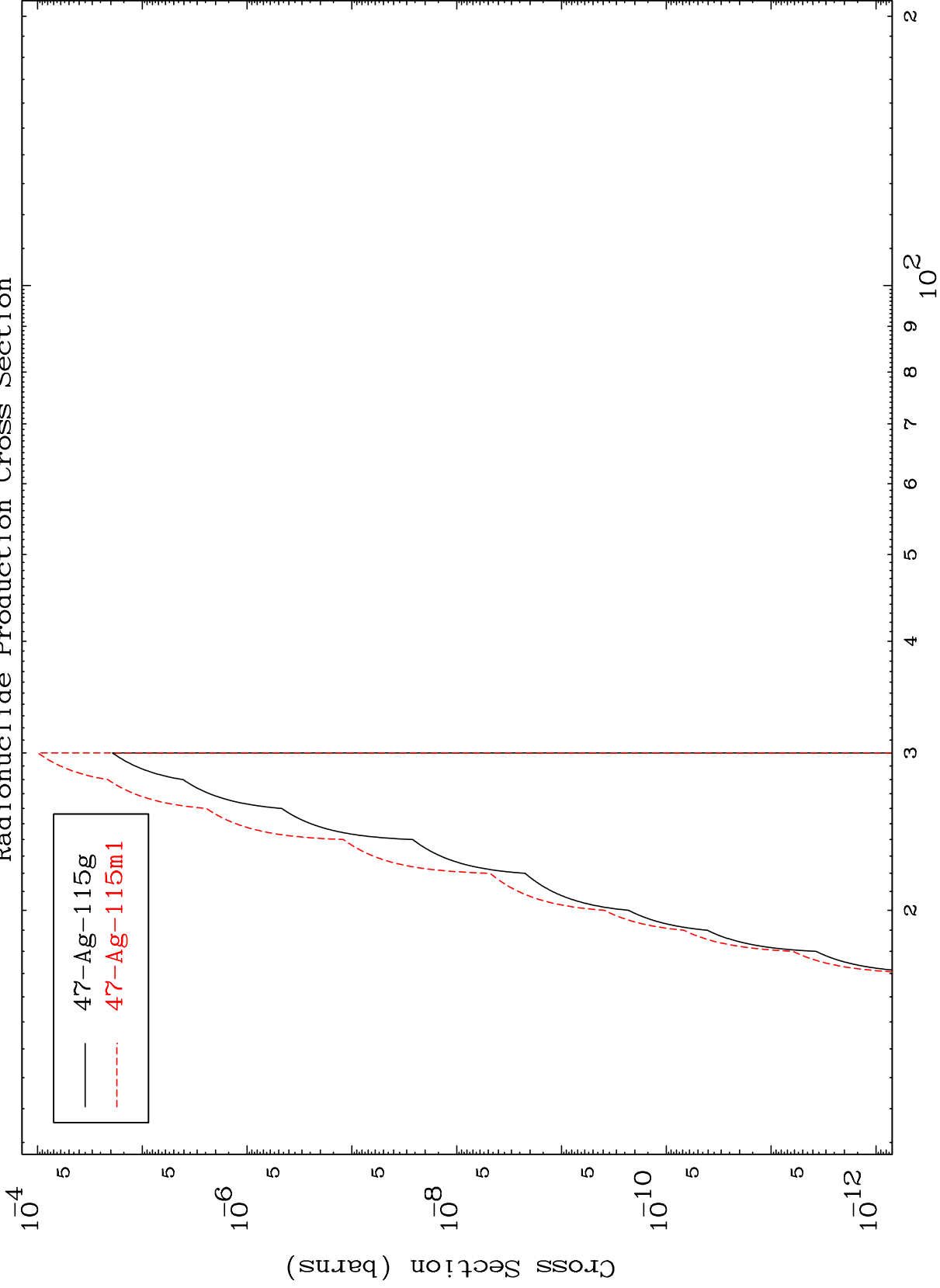
Incident Energy (MeV)

MAT 4855

(n,2p)

48-Cd-116

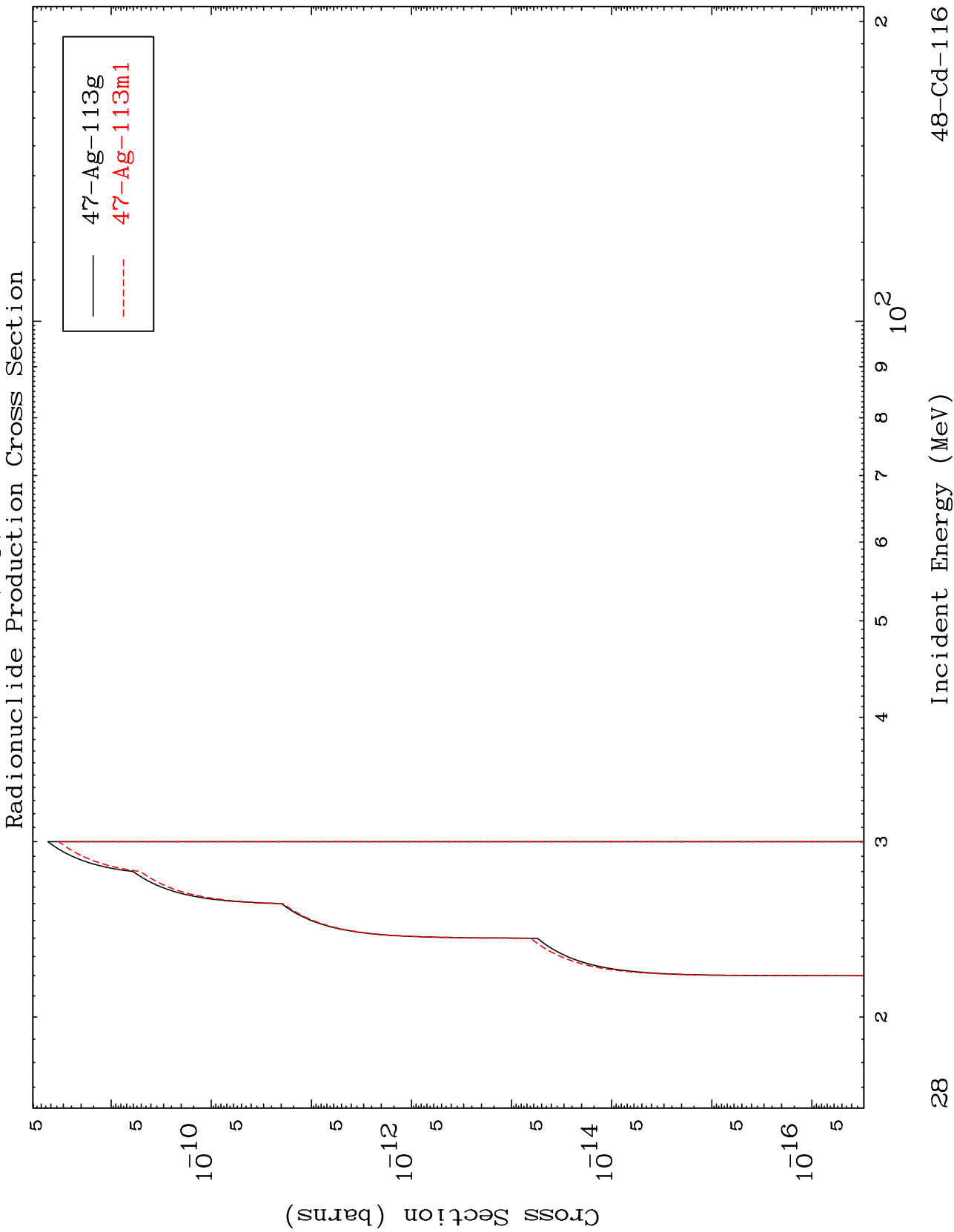
Radionuclide Production Cross Section



27

Incident Energy (MeV)

48-Cd-116



Radionuclide Production Cross Section

