

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)

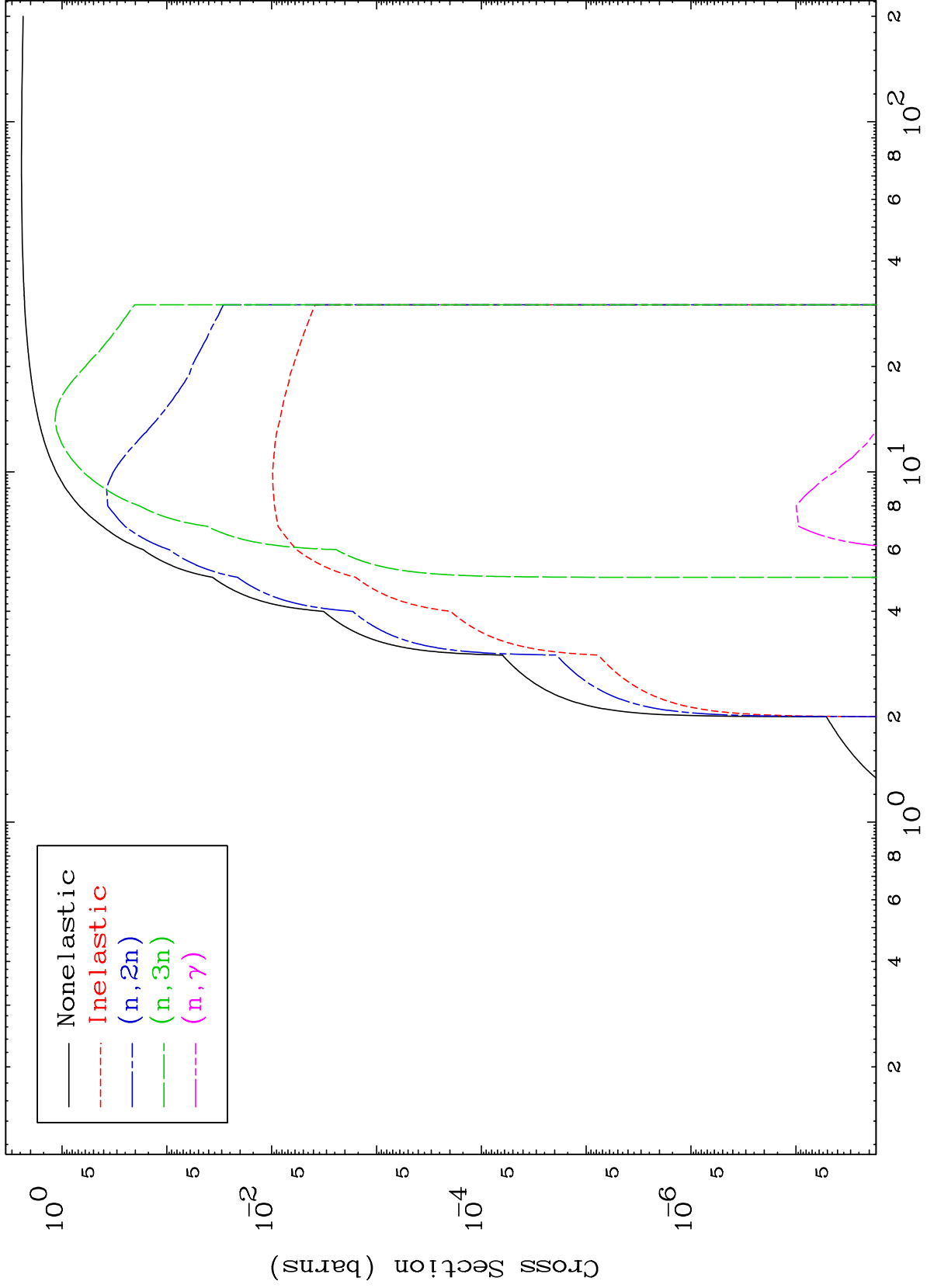
Press Mouse Button to Start

MAT 4876

Deuteron Major

48-Cd-123

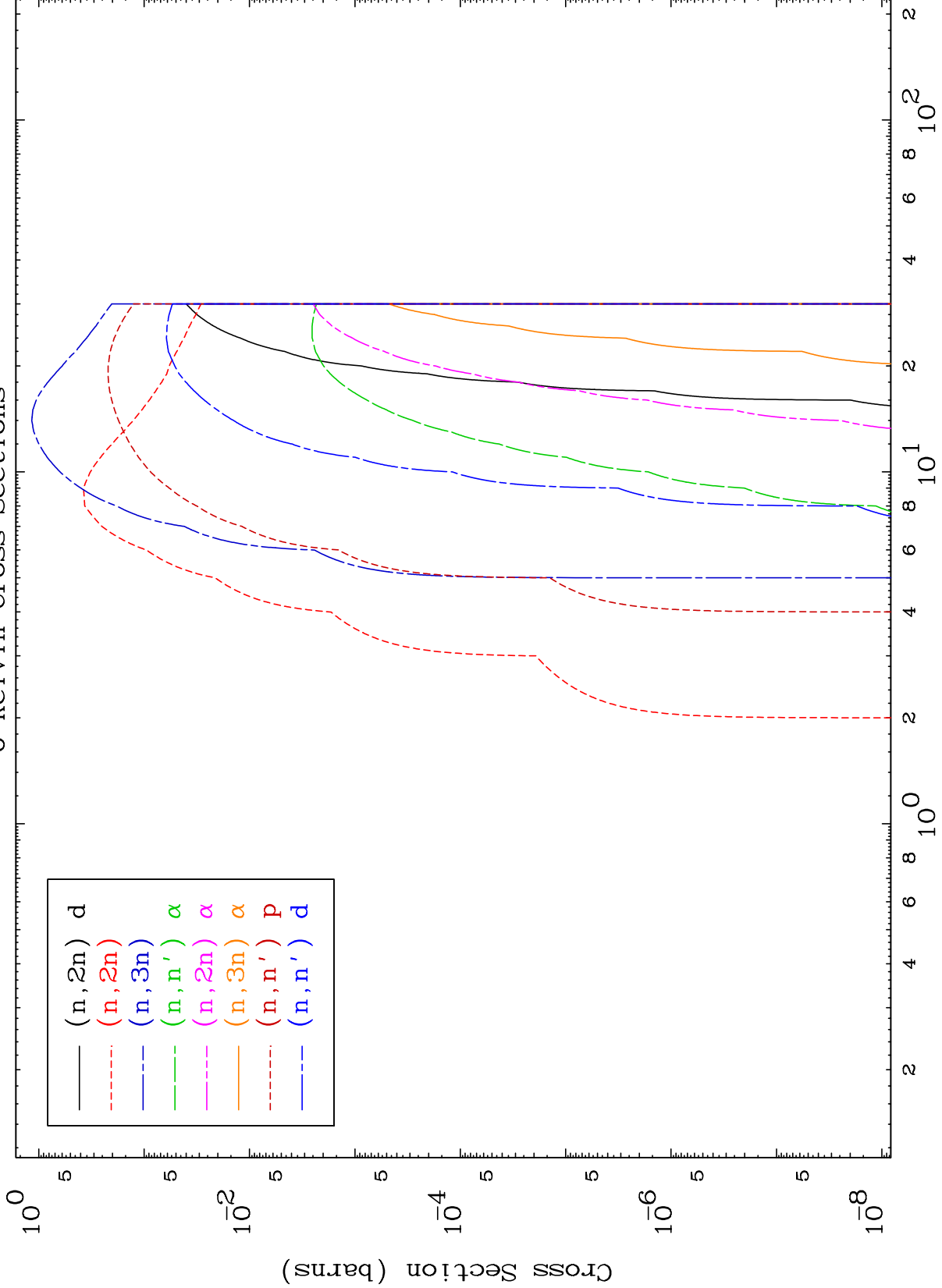
0 Kelvin Cross Sections

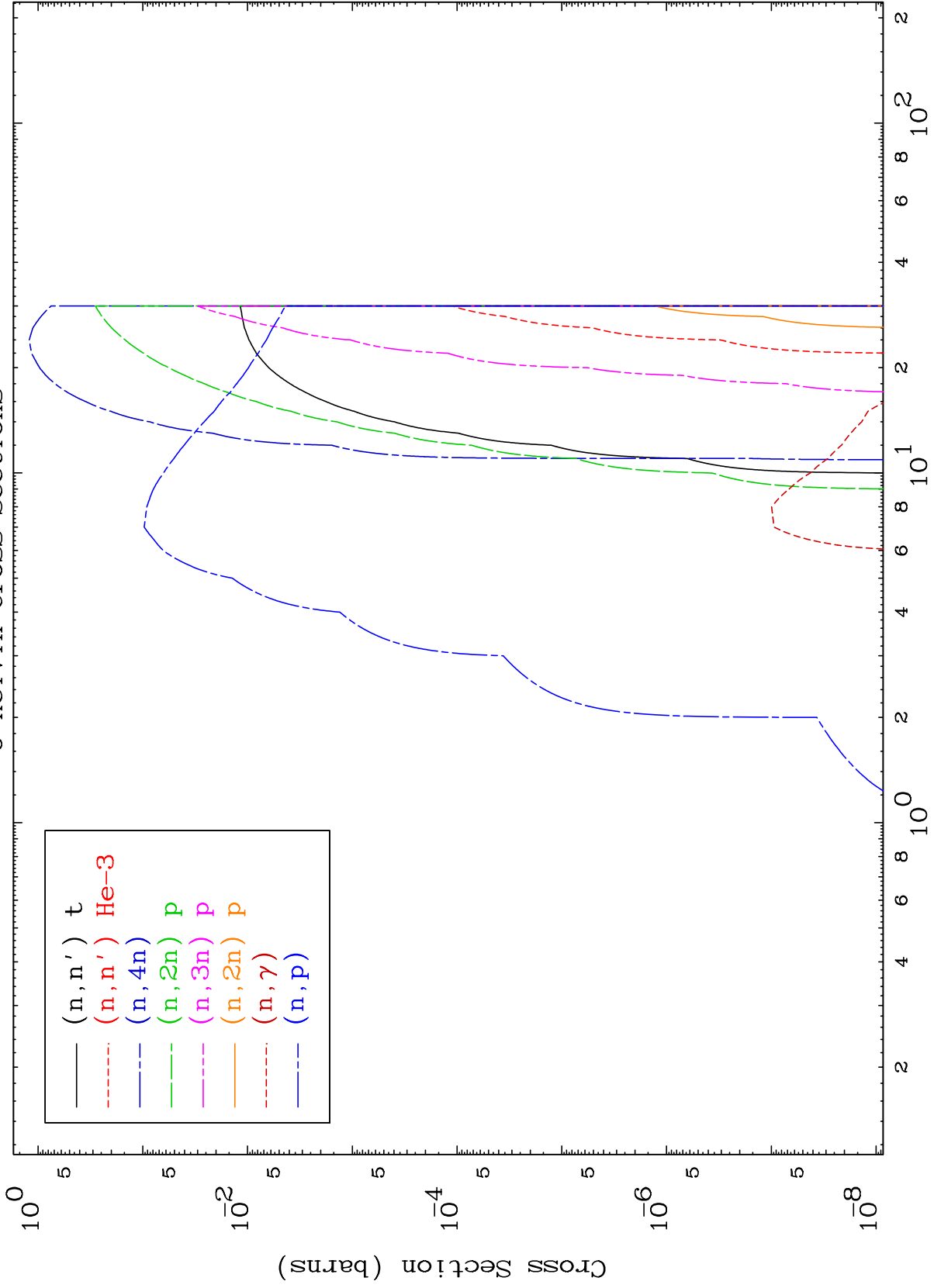


MAT 4876

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-123

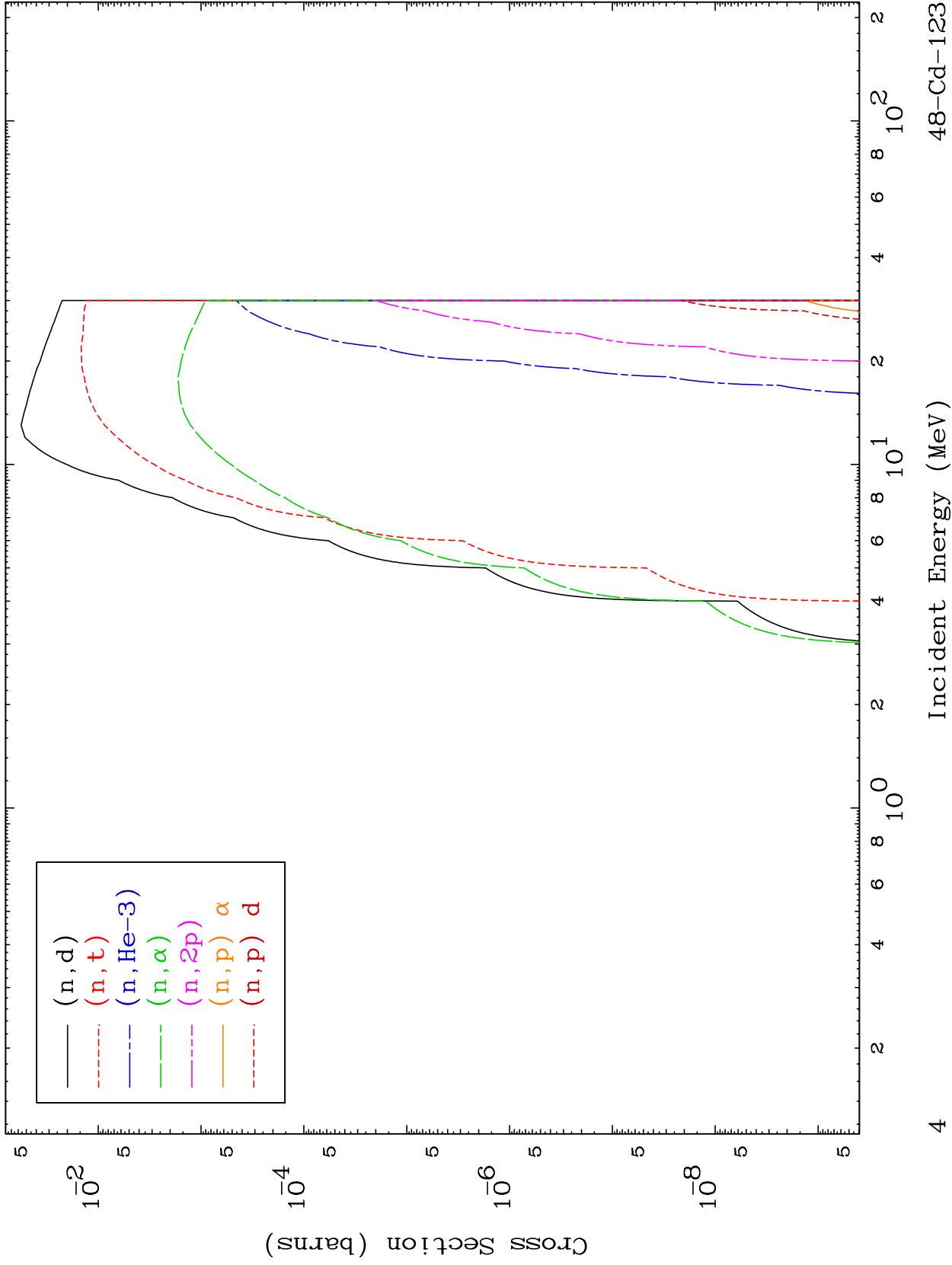




MAT 4876

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-123

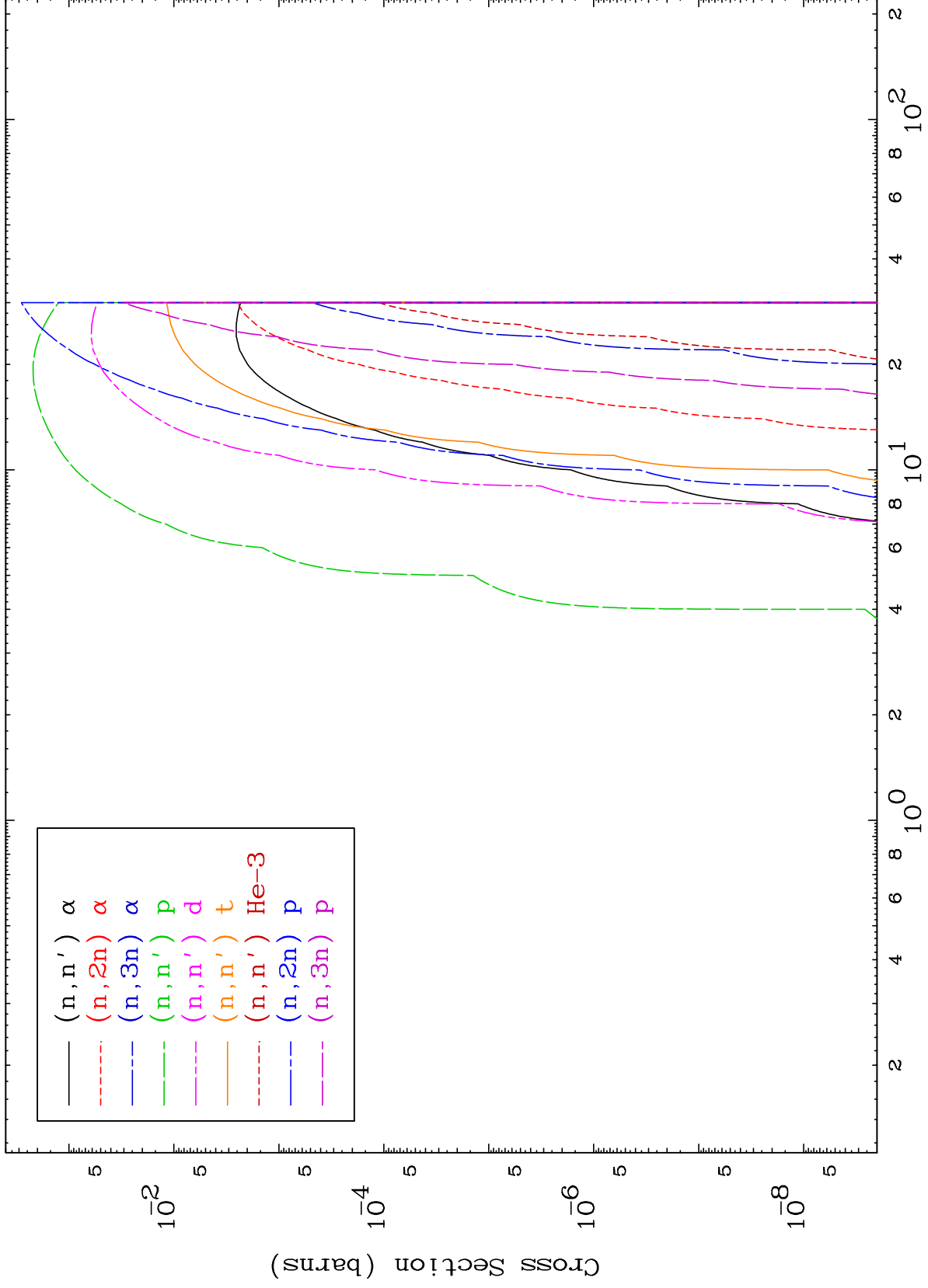


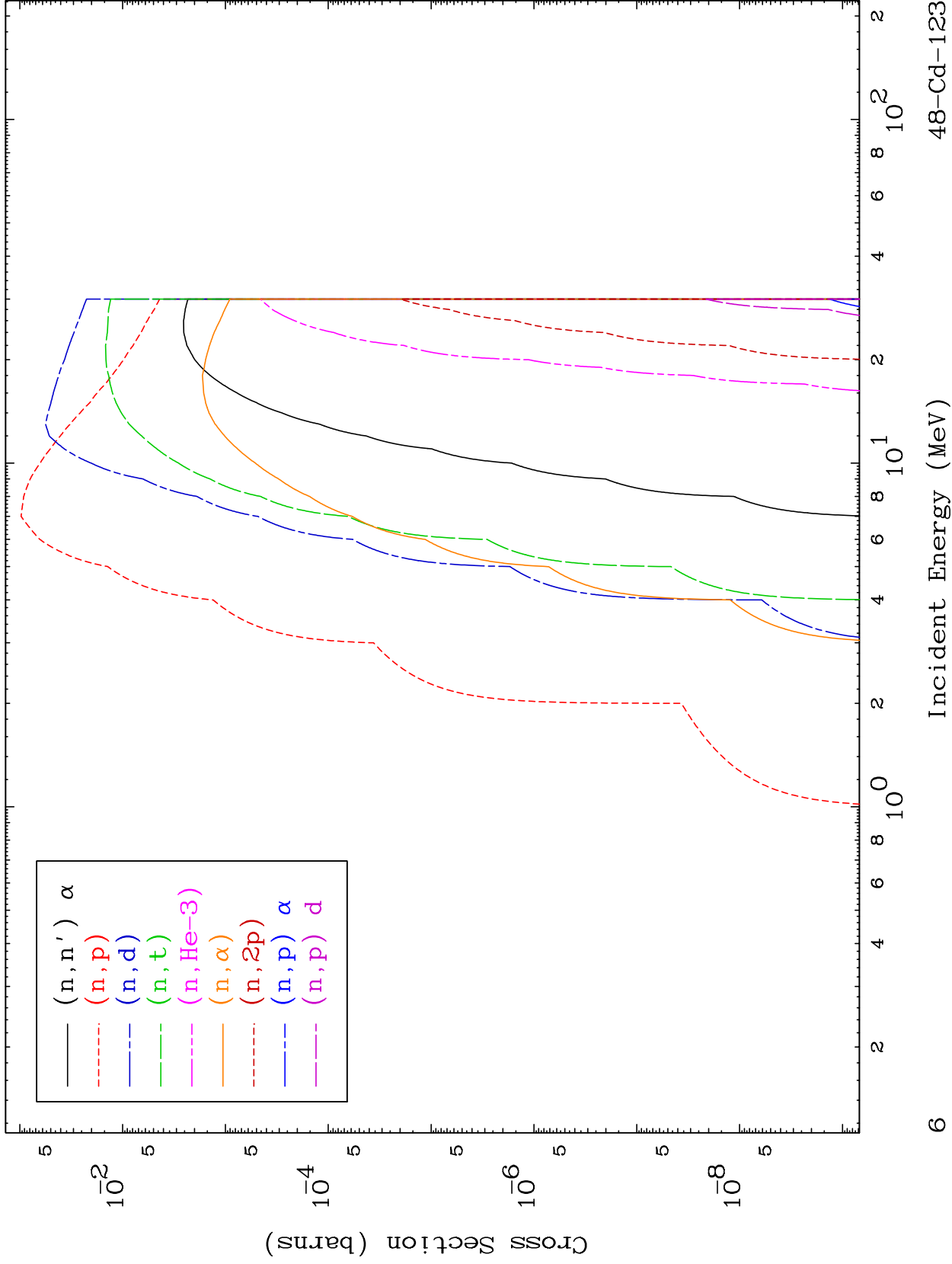
48-Cd-123

MAT 4876

Deuteron Charged Particle  
0 Kelvin Cross Sections

48-Cd-123

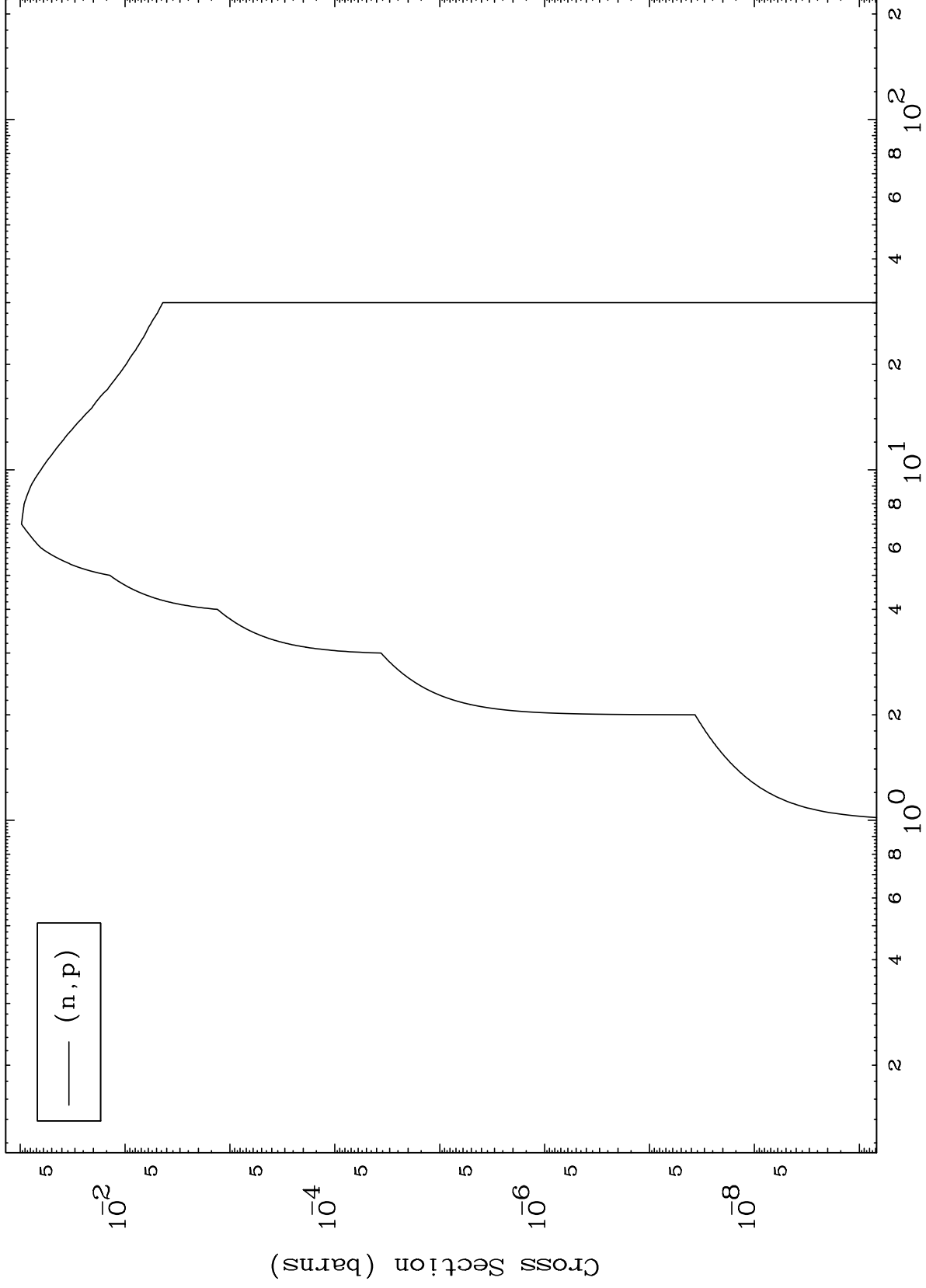




MAT 4876

(d,p) Levels  
0 Kelvin Cross Sections

48-Cd-123



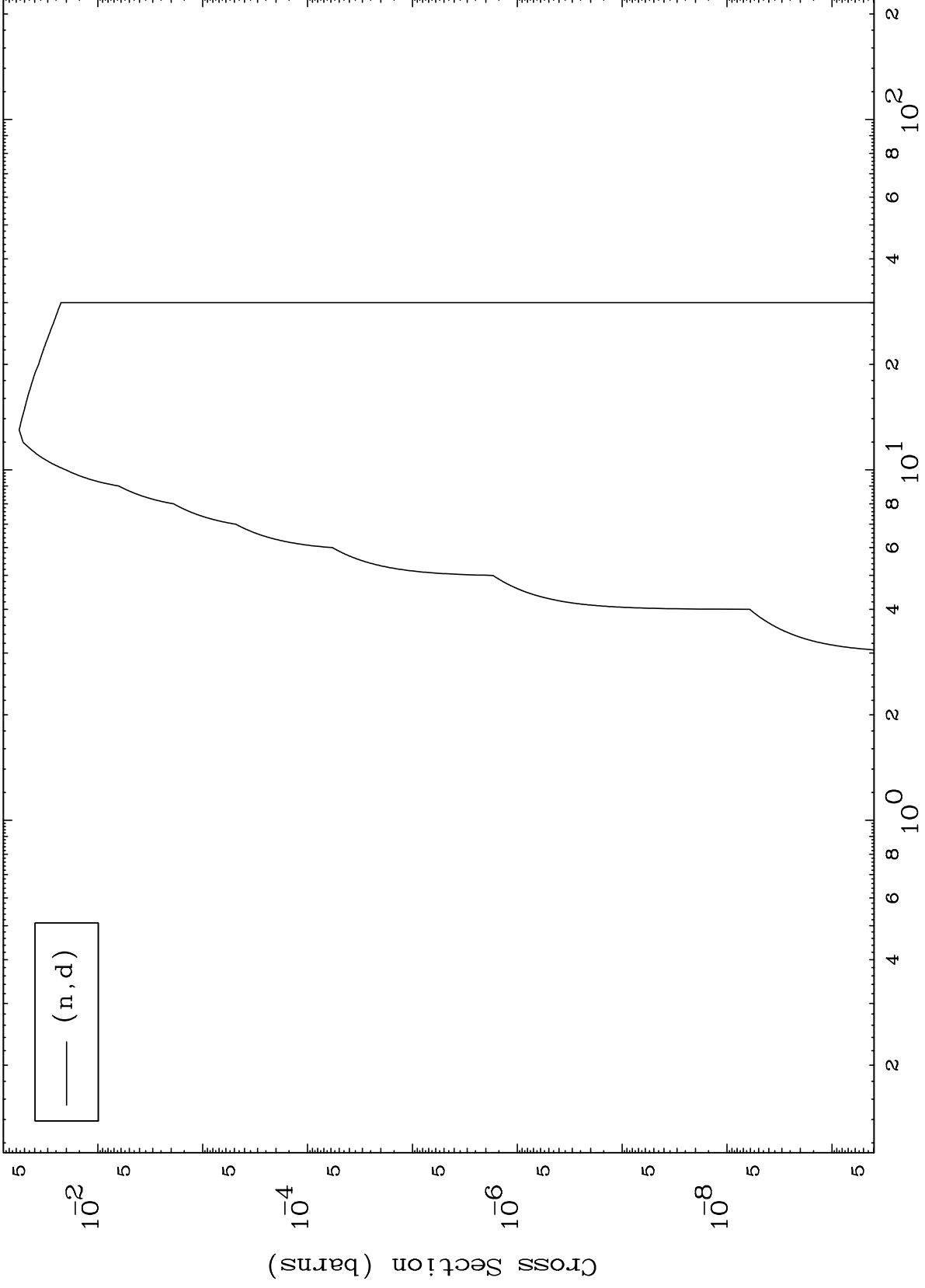


MAT 4876

(d,d) Levels

48-Cd-123

0 Kelvin Cross Sections

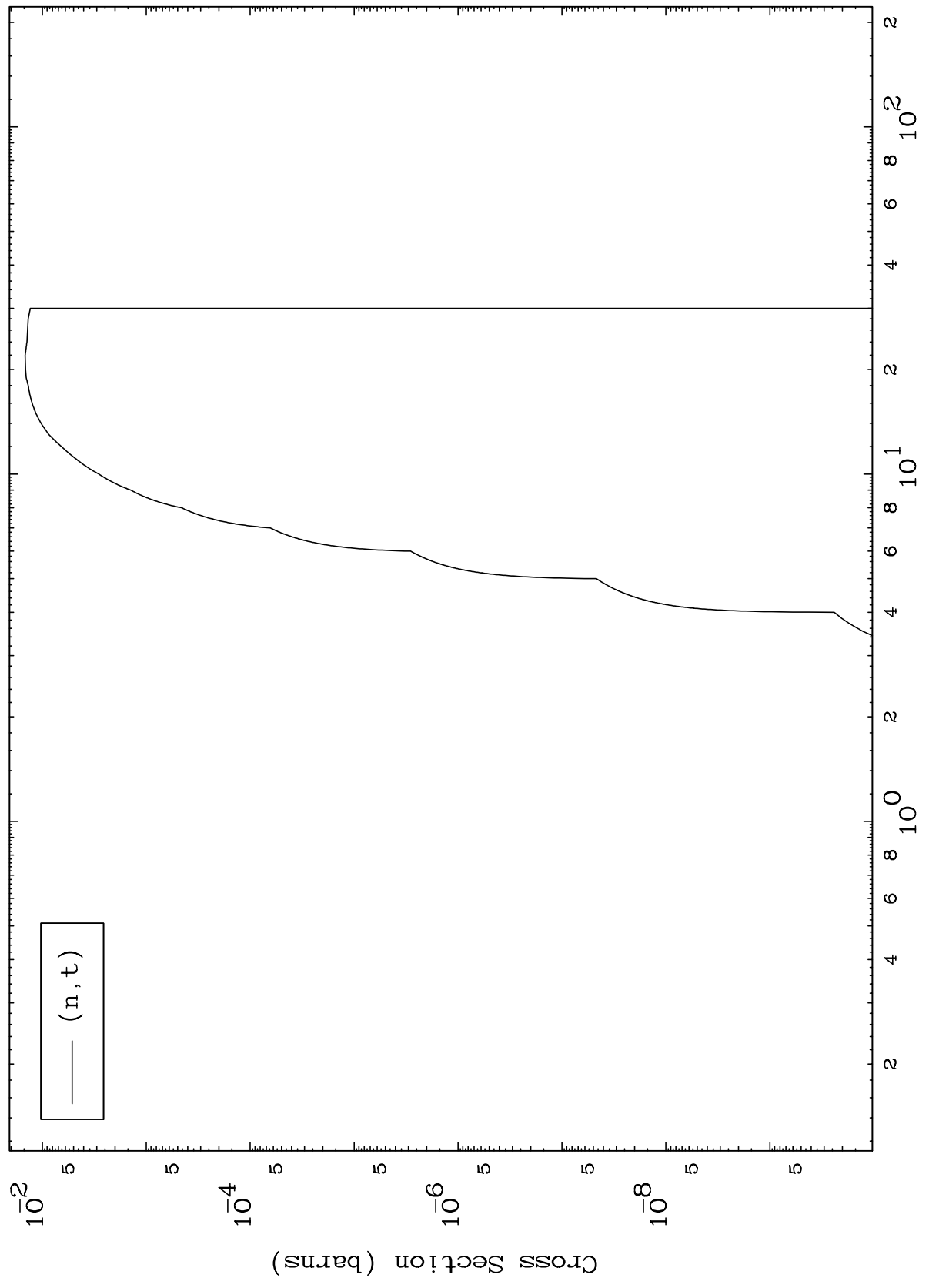


MAT 4876

(d, t) Levels

48-Cd-123

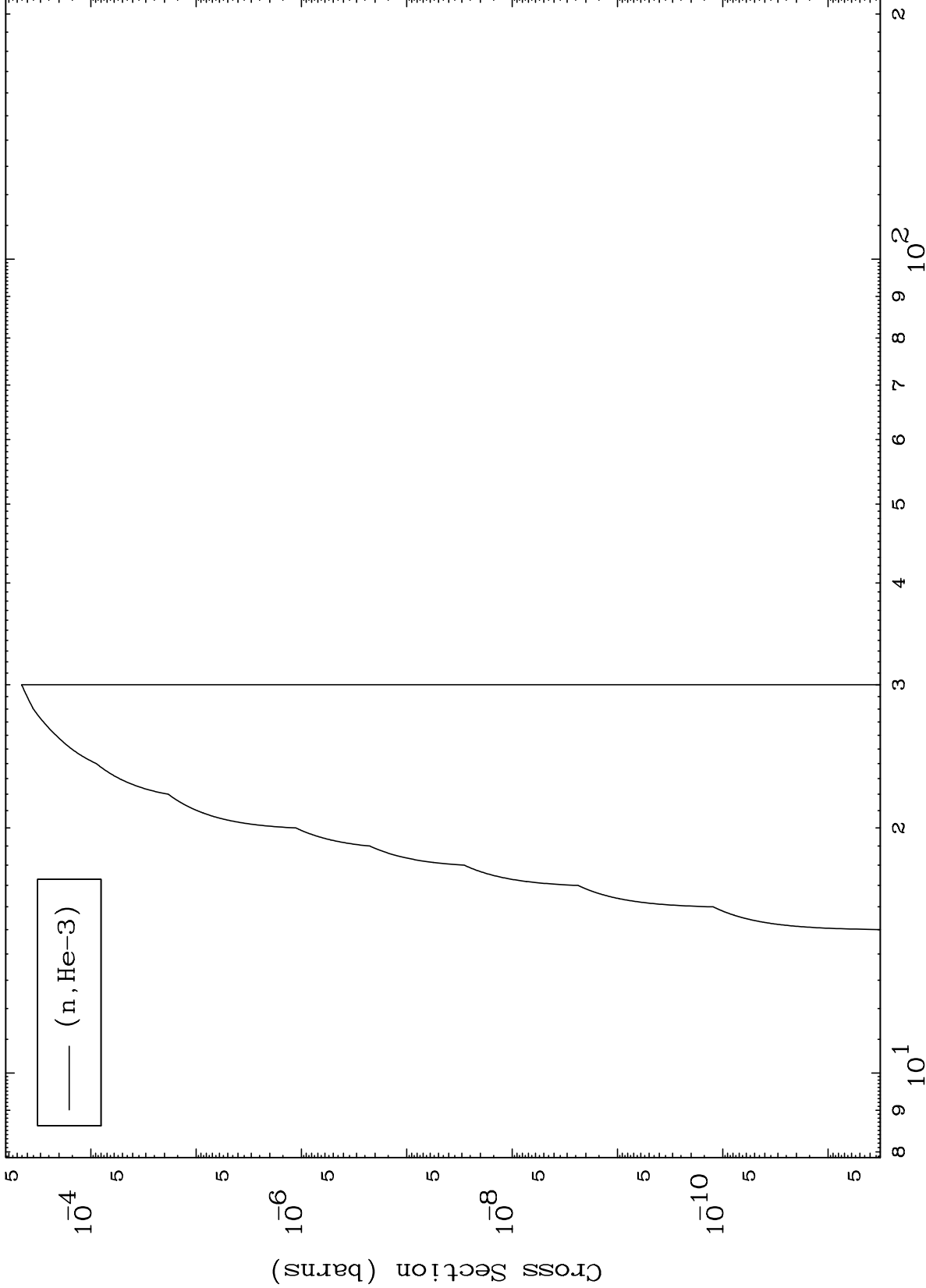
0 Kelvin Cross Sections



MAT 4876

(d,He3) Levels  
0 Kelvin Cross Sections

48-Cd-123



10

Incident Energy (MeV)

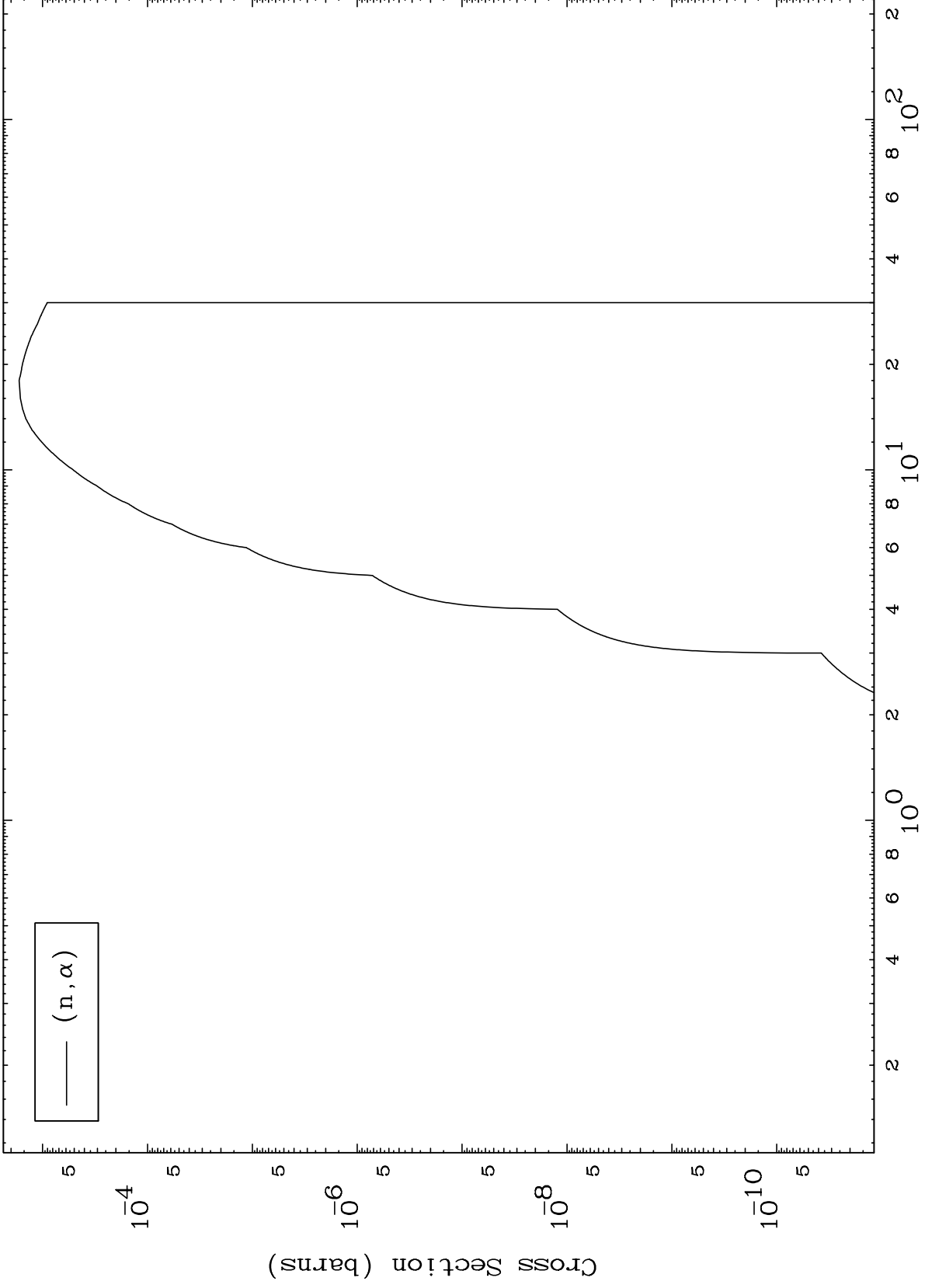
48-Cd-123

MAT 4876

(d,  $\alpha$ ) Levels

48-Cd-123

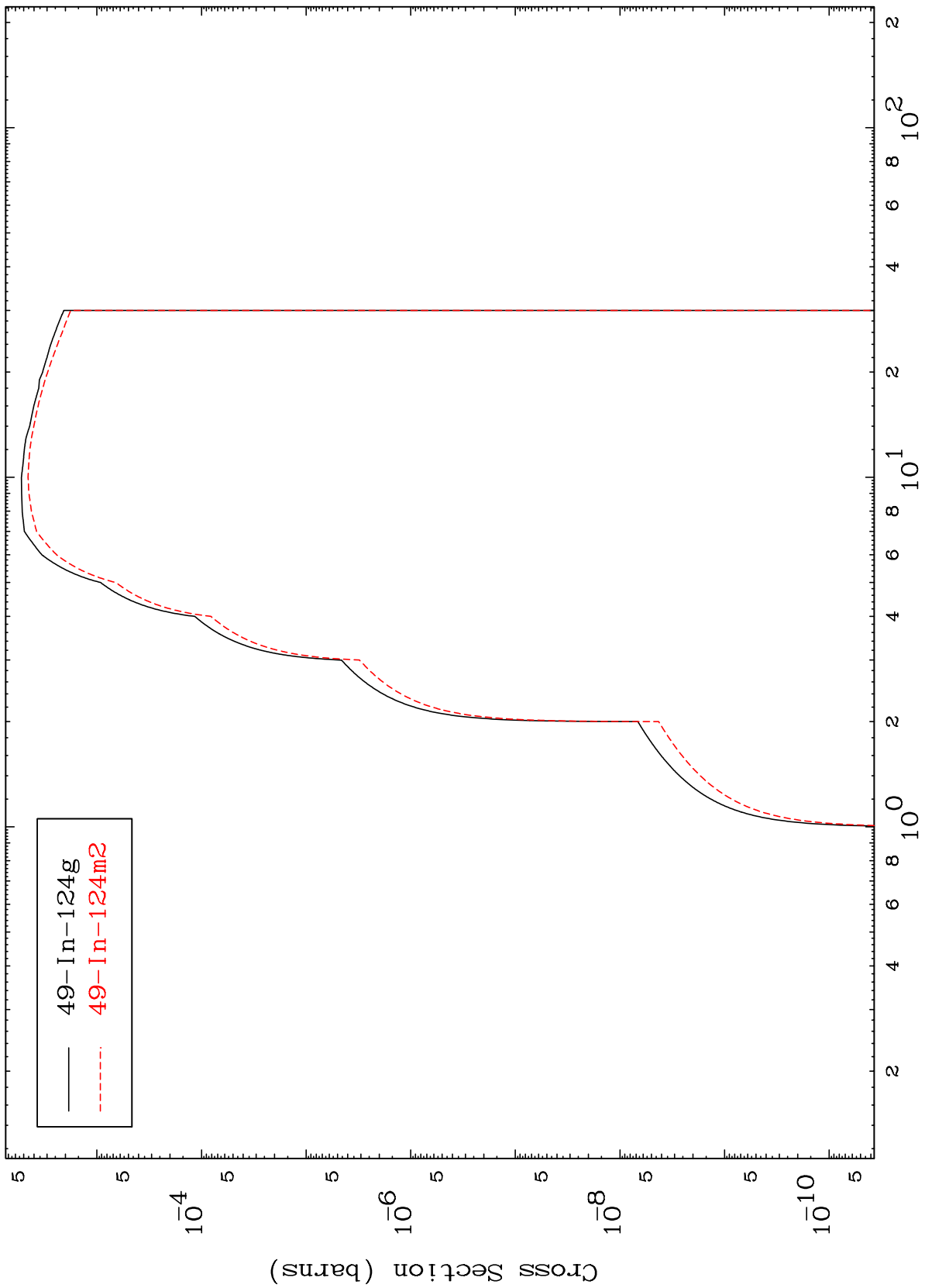
0 Kelvin Cross Sections



MAT 4876

48-Cd-123

Radionuclide Production Cross Section



49-In-124g  
49-In-124m2

48-Cd-123

Incident Energy (MeV)

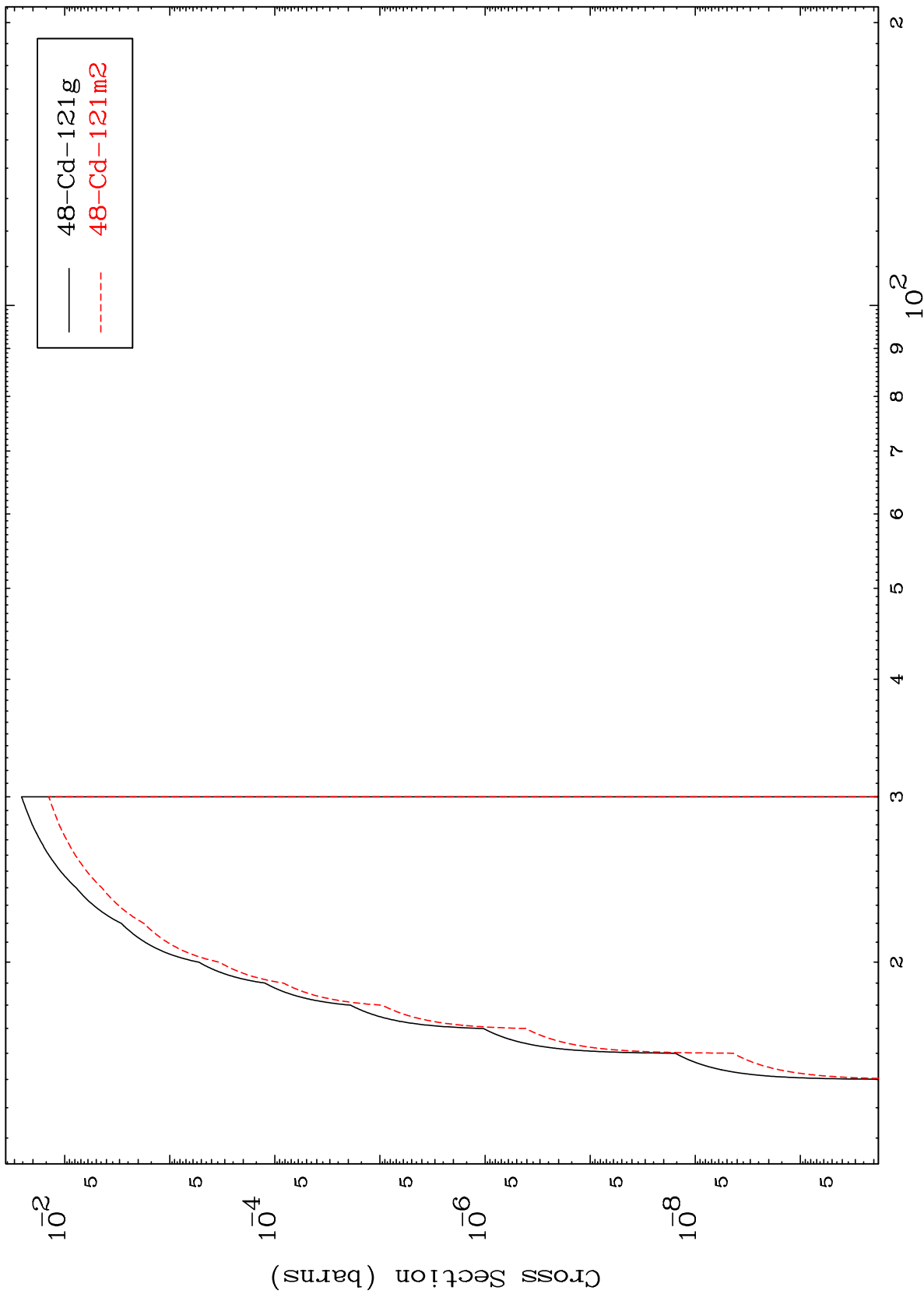
12

MAT 4876

(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



13

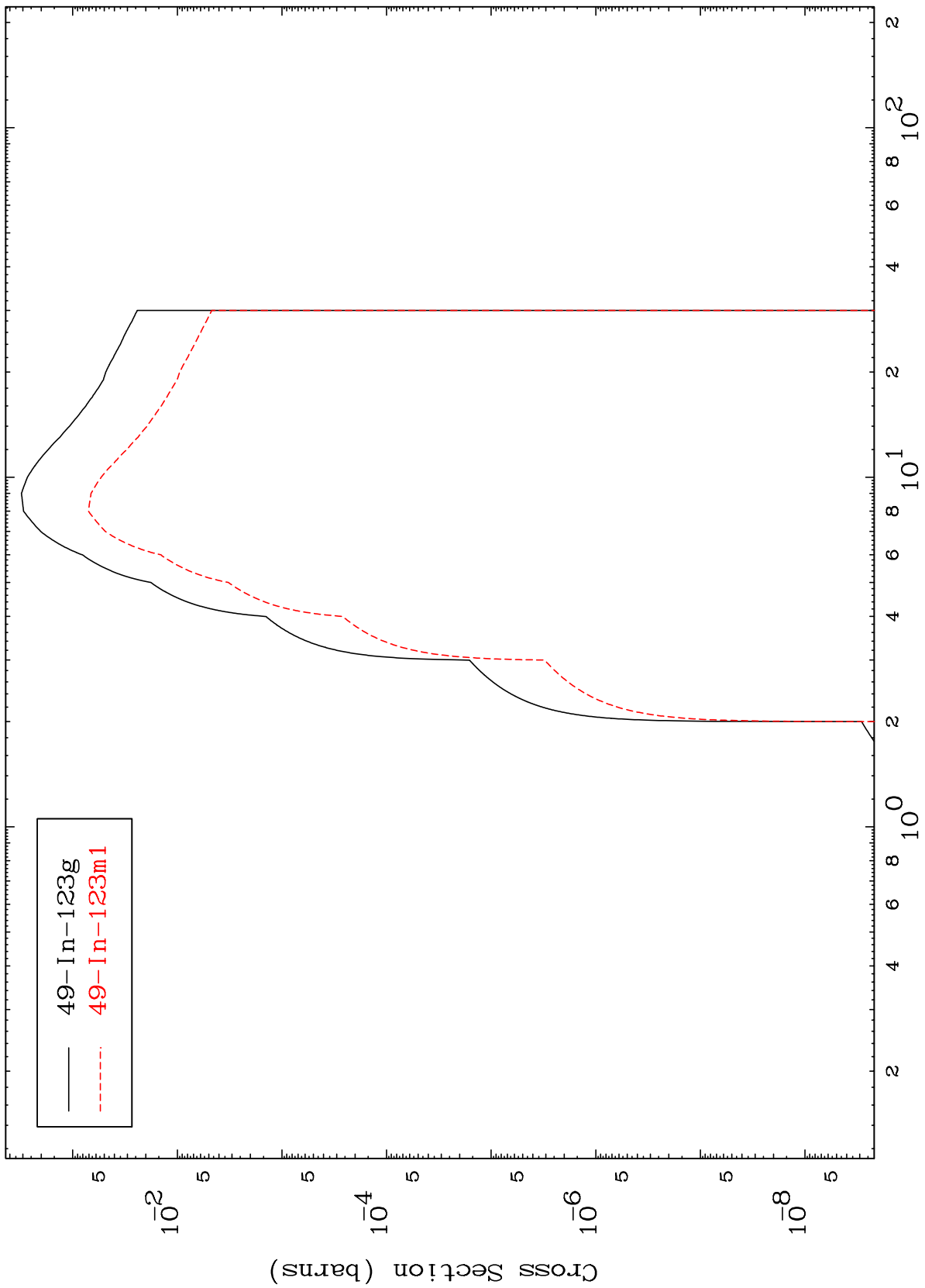
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

(n,2n)  
Radionuclide Production Cross Section



— 49-In-123g  
- - - 49-In-123m1

48-Cd-123

Incident Energy (MeV)

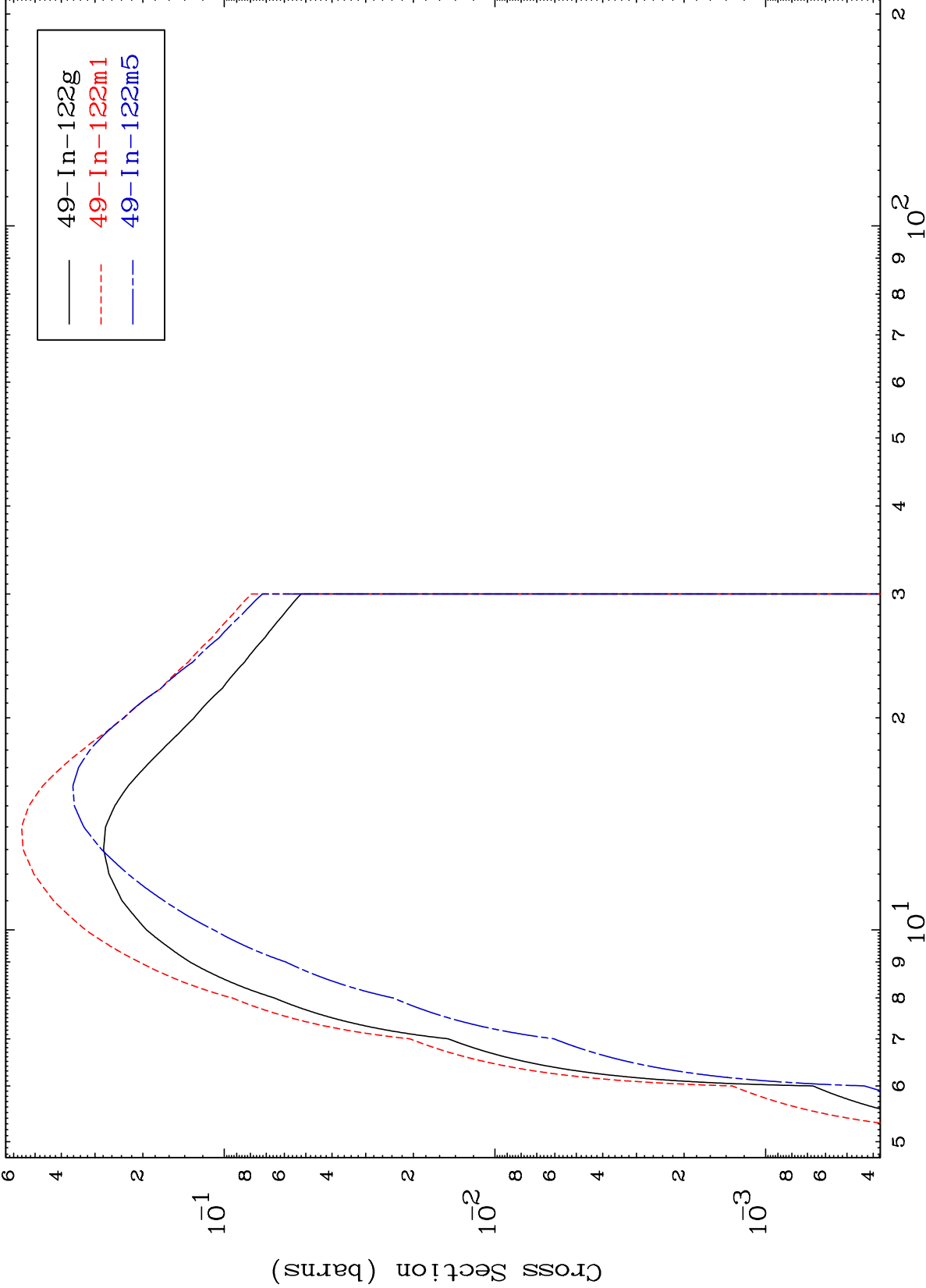
14

MAT 4876

(n,3n)

48-Cd-123

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-123

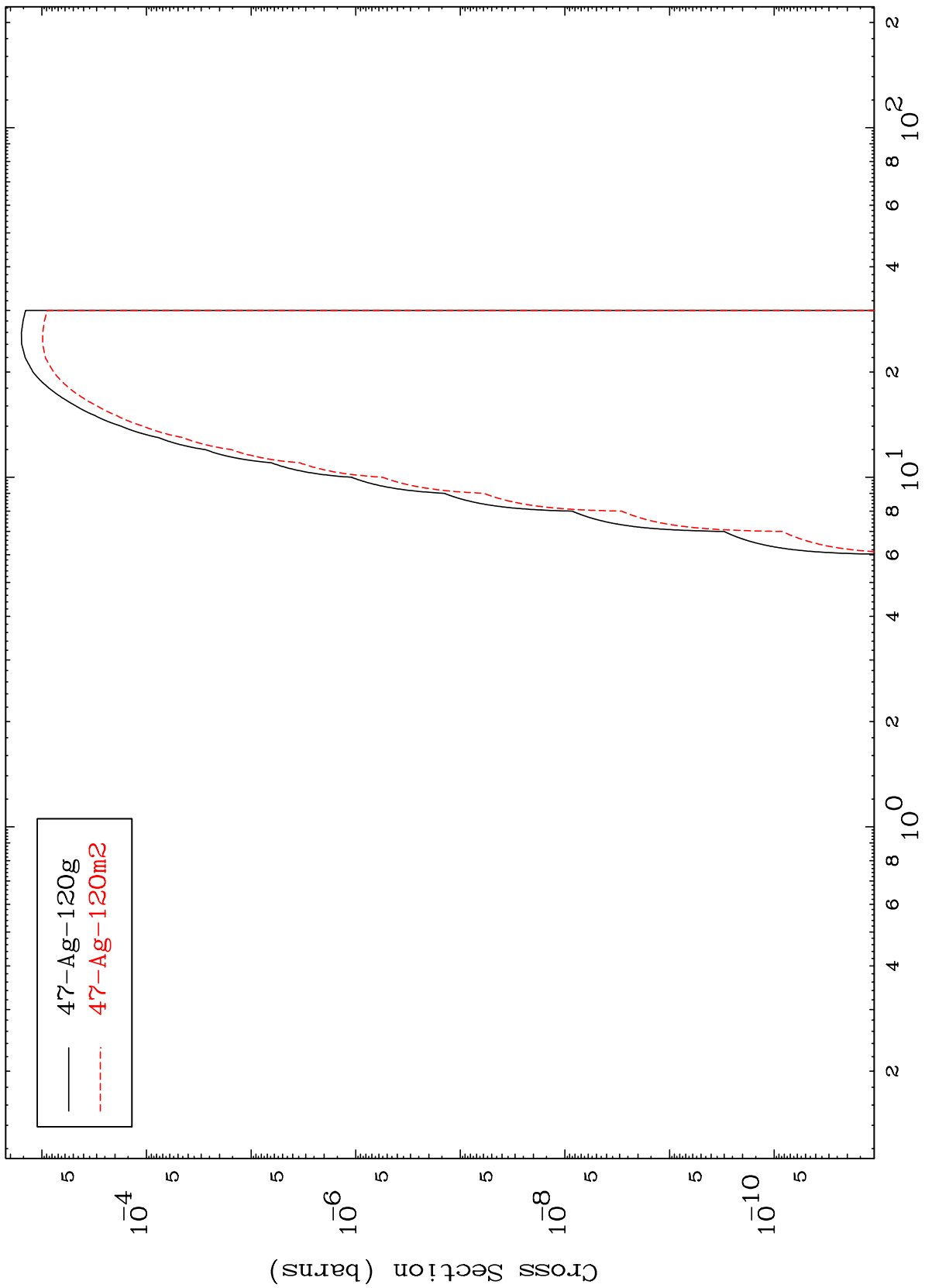


MAT 4876

(n,n')  $\alpha$

48-Cd-123

Radionuclide Production Cross Section



16

Incident Energy (MeV)

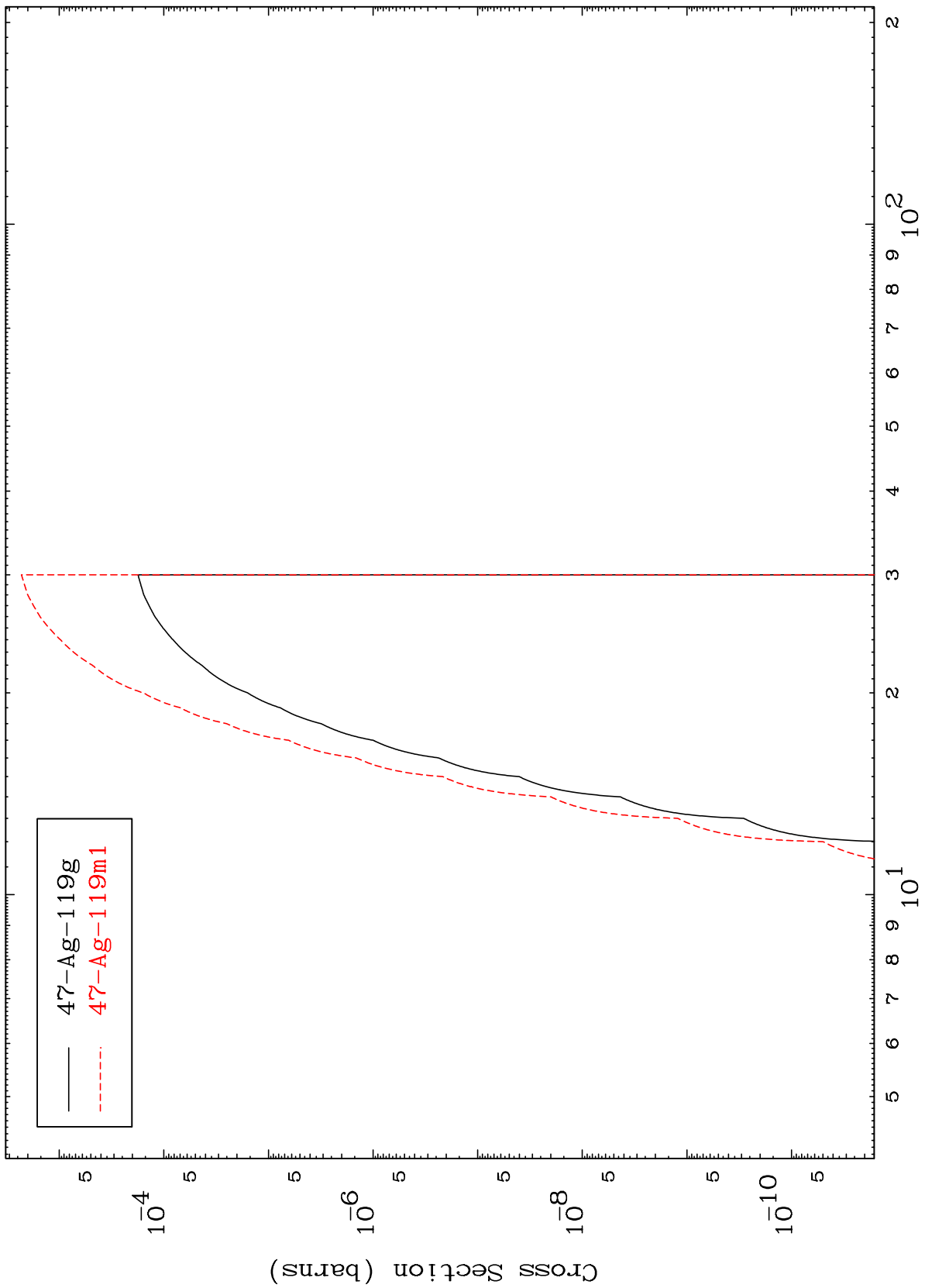
48-Cd-123

MAT 4876

(n,2n)  $\alpha$

48-Cd-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

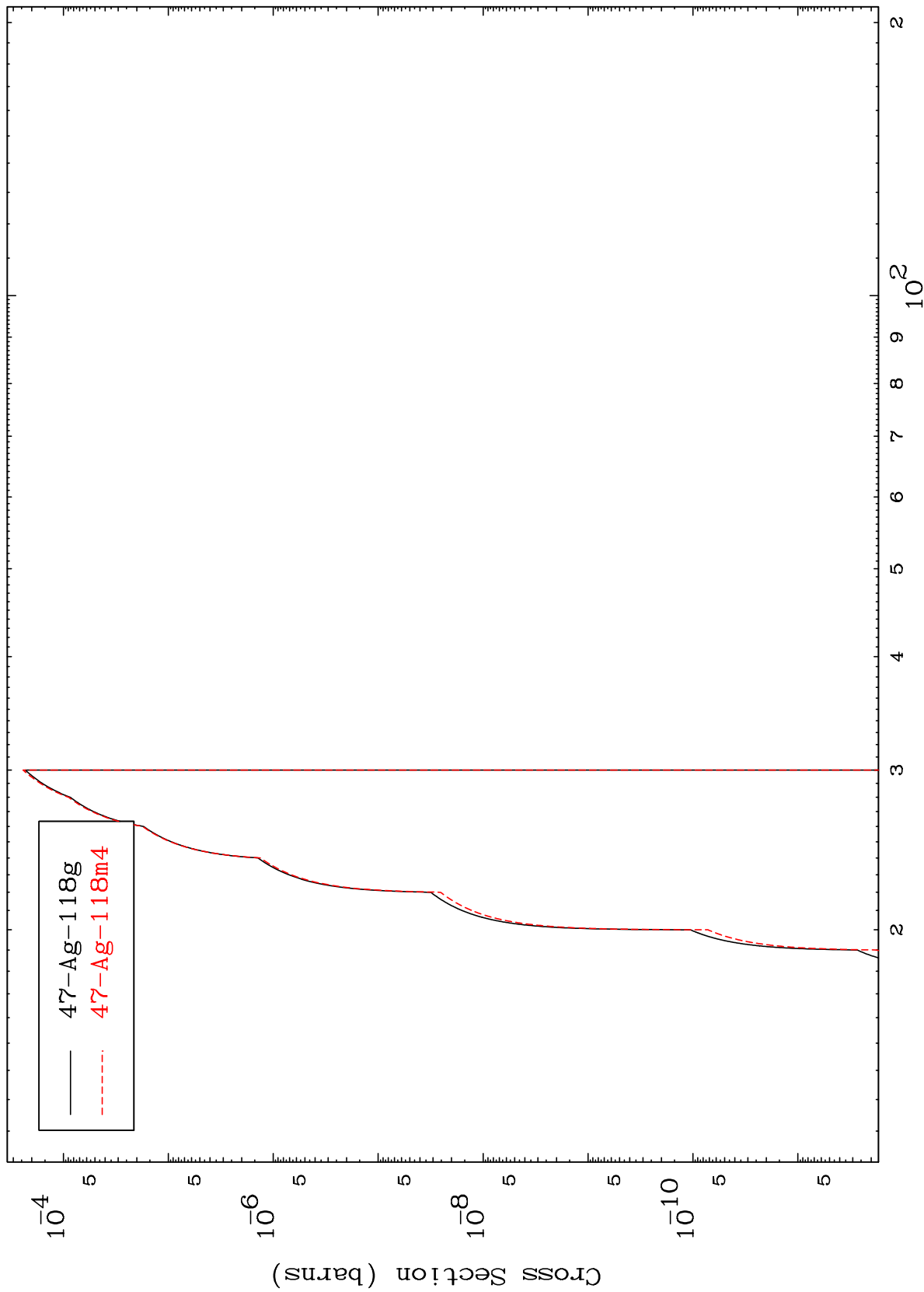
48-Cd-123

MAT 4876

(n,3n)  $\alpha$

48-Cd-123

Radionuclide Production Cross Section



18

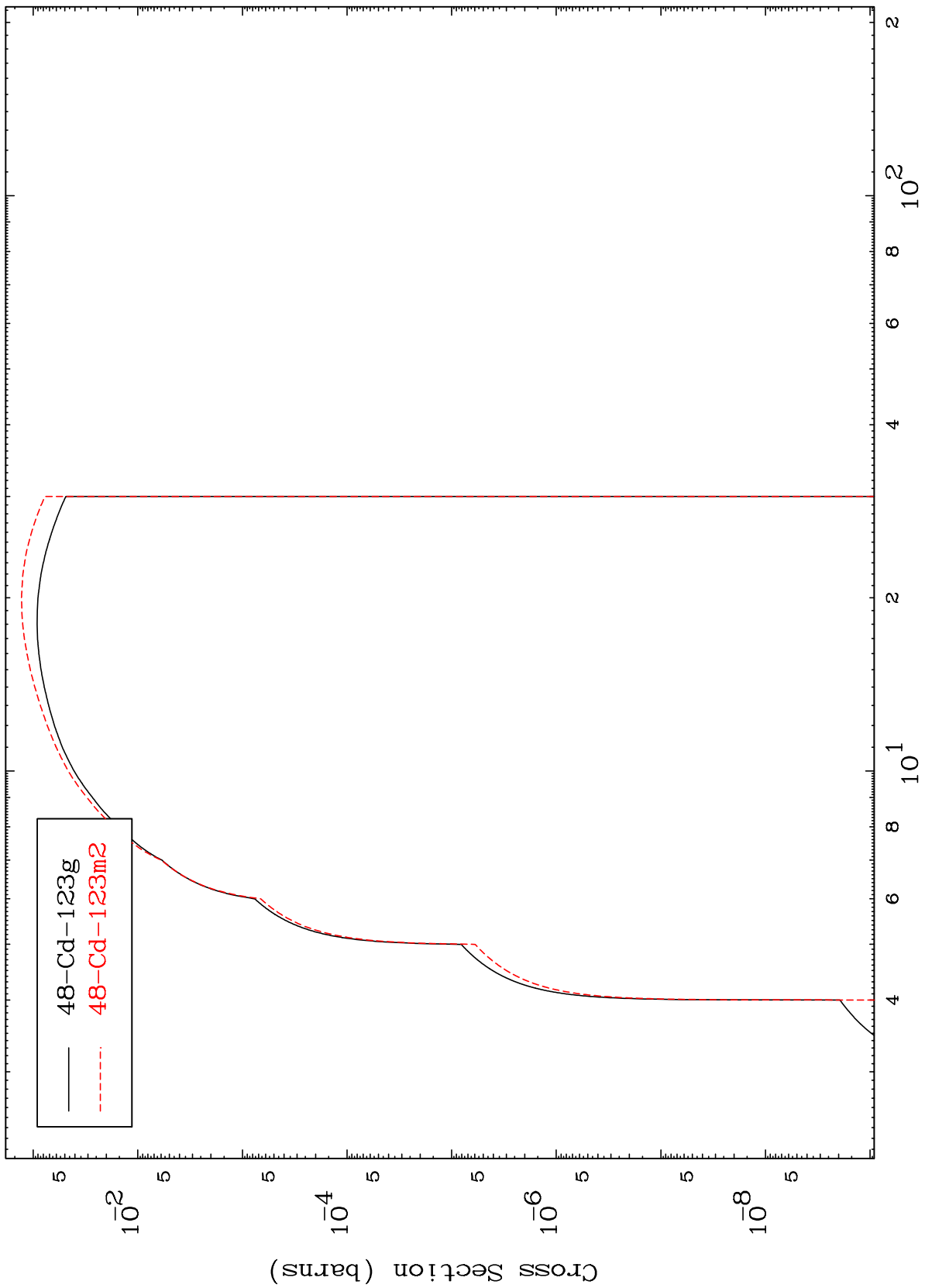
Incident Energy (MeV)

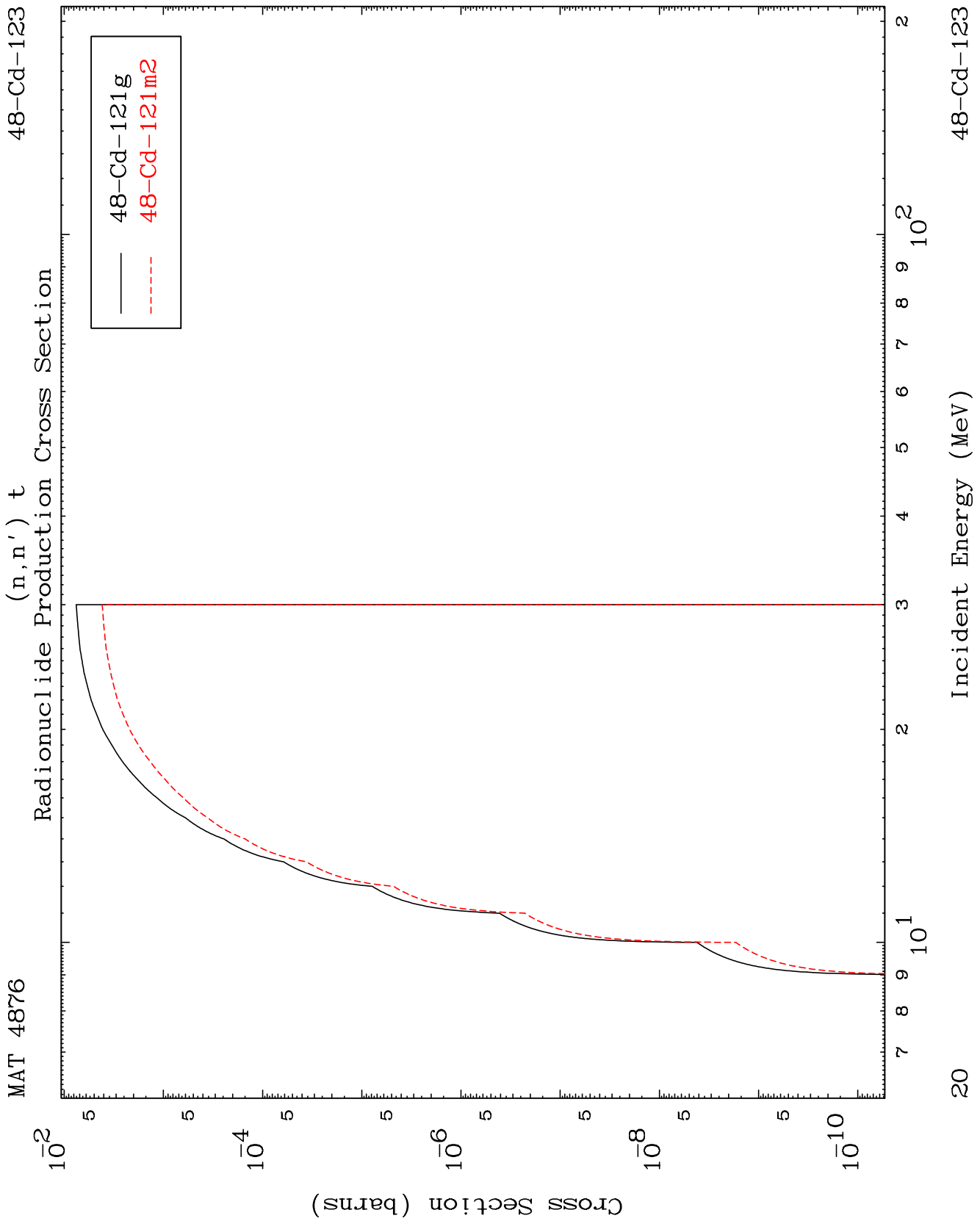
48-Cd-123

MAT 4876

48-Cd-123

(n,n') p  
Radionuclide Production Cross Section

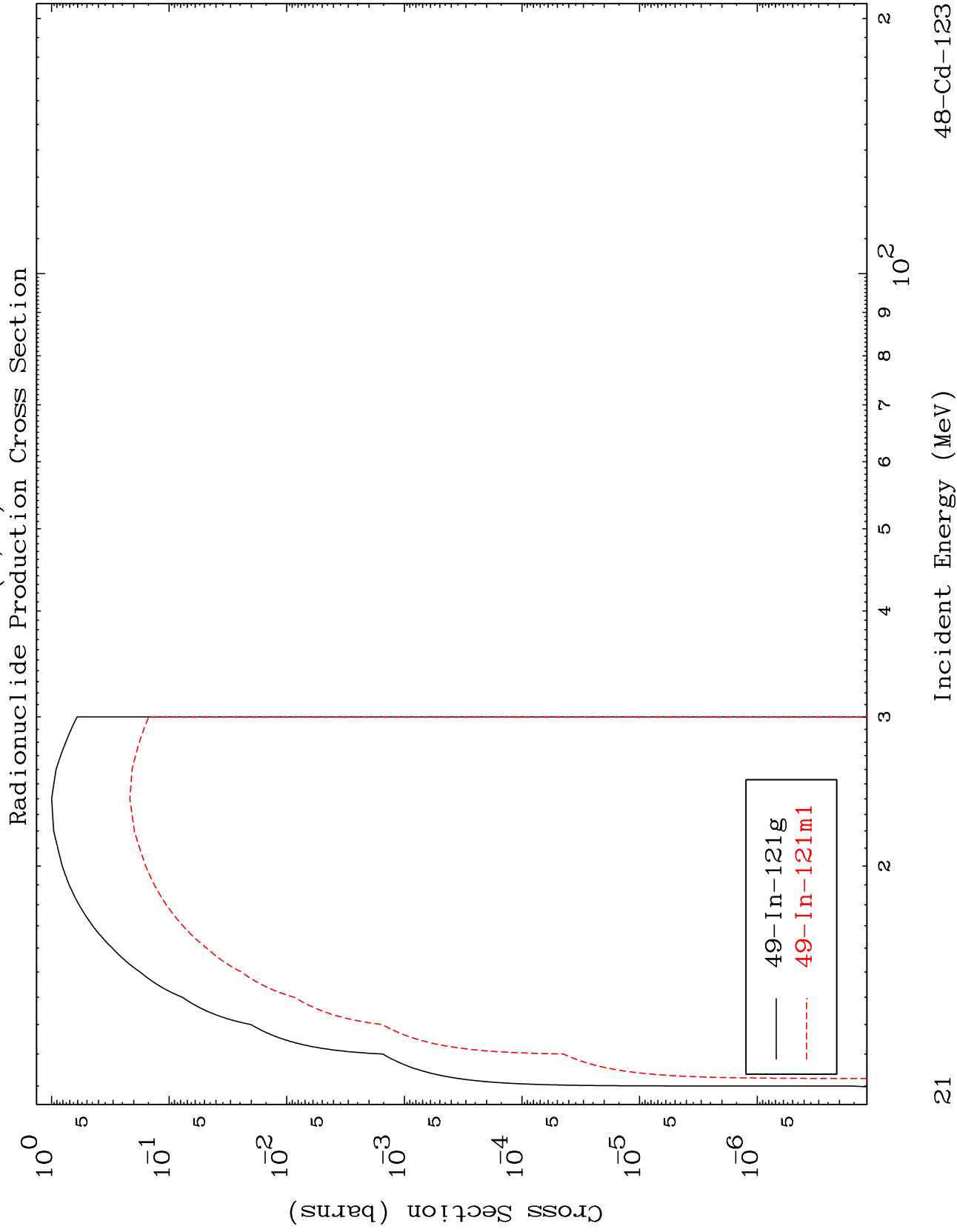




MAT 4876

(n,4n)

48-Cd-123



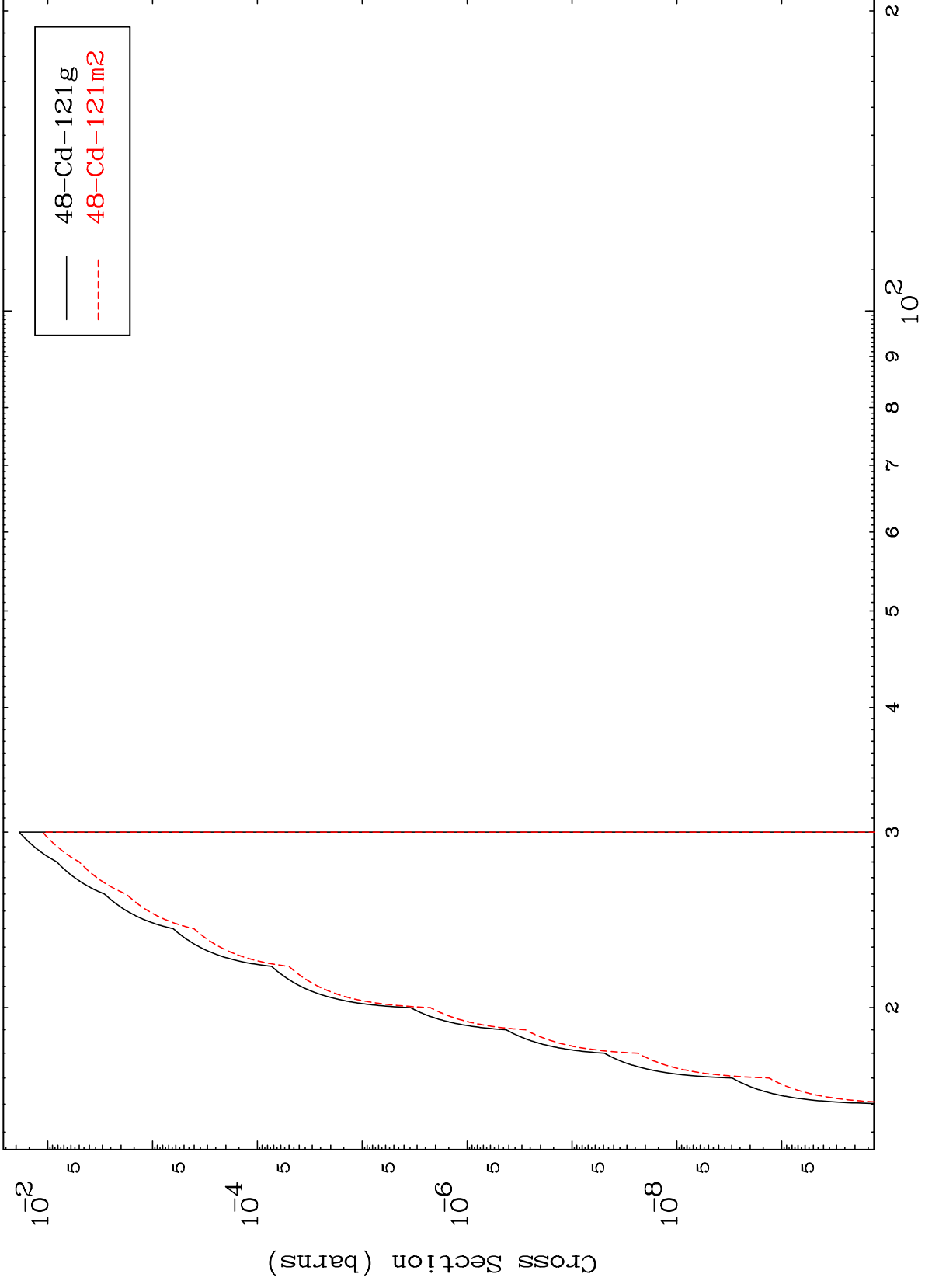
21

MAT 4876

(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



22

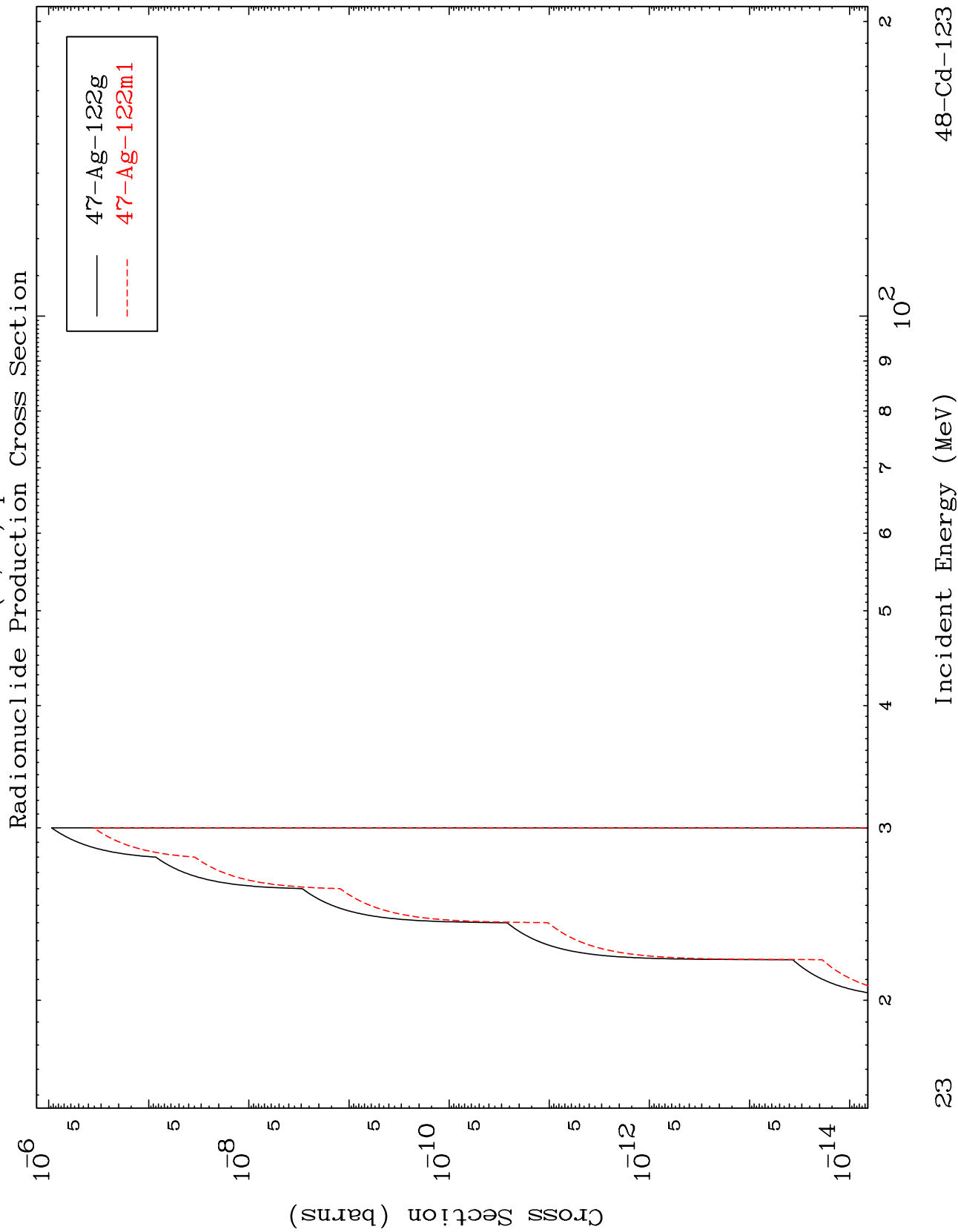
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,2n) p

48-Cd-123



23

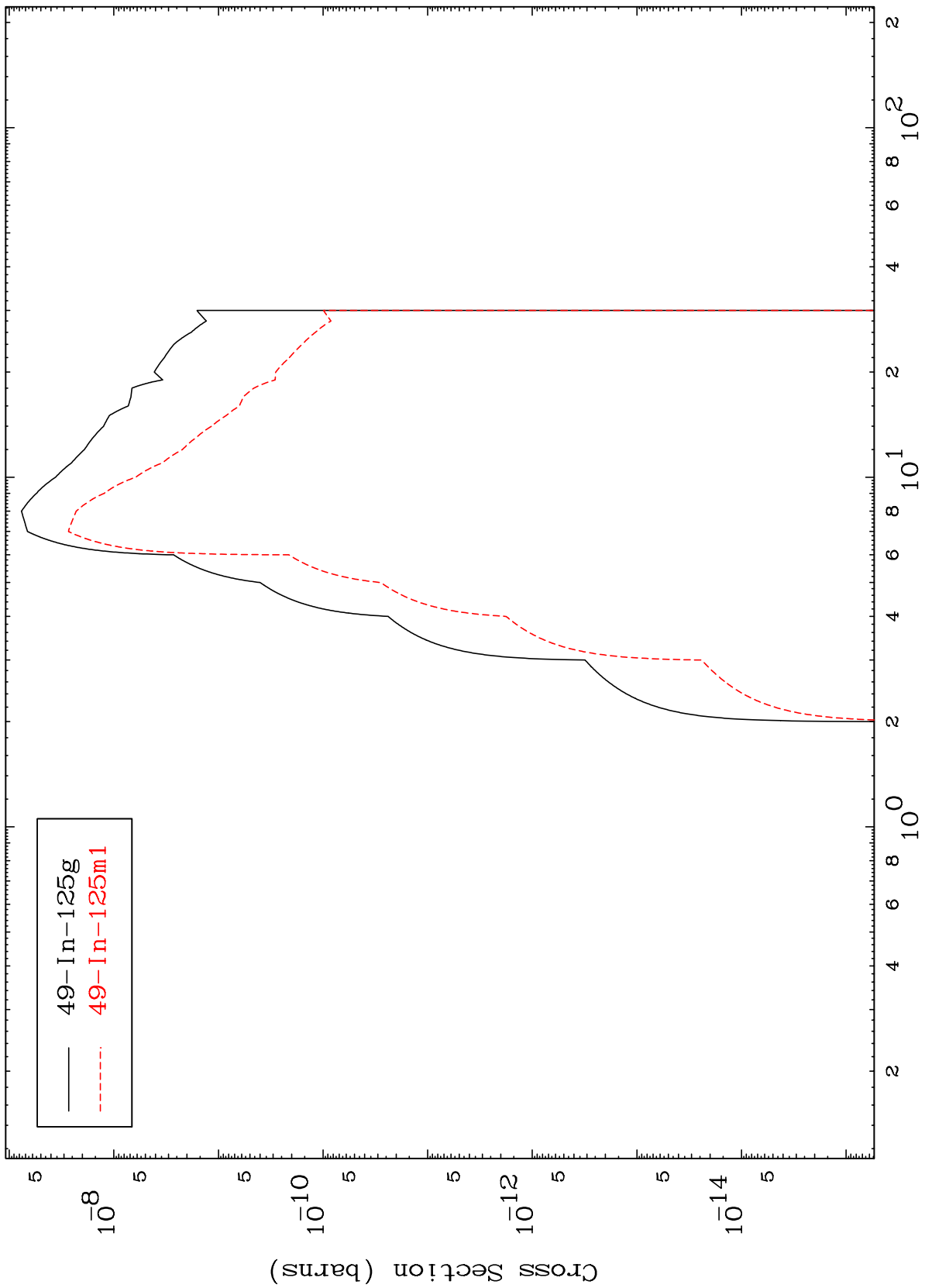
48-Cd-123



MAT 4876

48-Cd-123

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



— 49-In-125g  
- - - 49-In-125m1

24

Incident Energy (MeV)

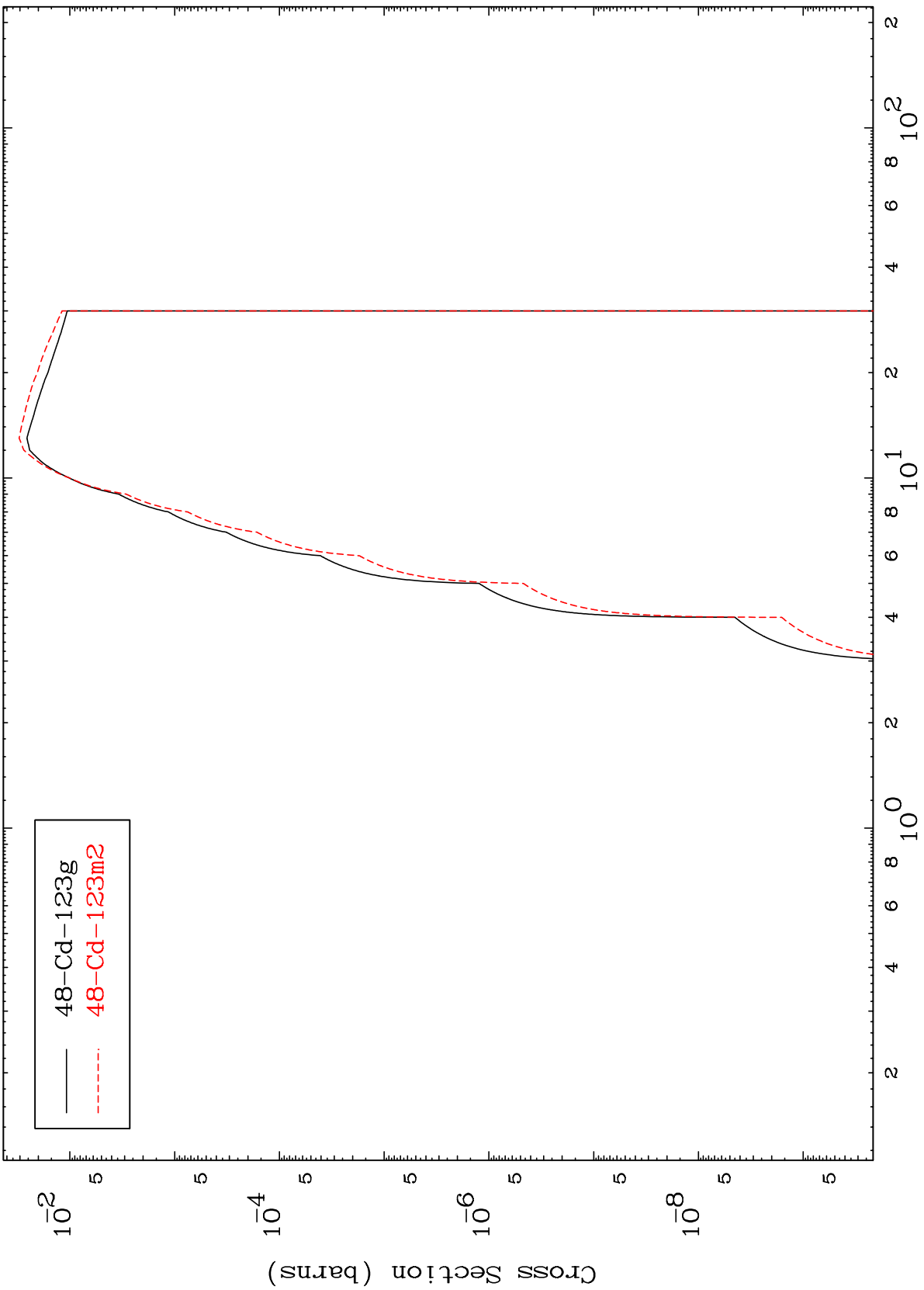
48-Cd-123

MAT 4876

(n,d)

48-Cd-123

Radionuclide Production Cross Section



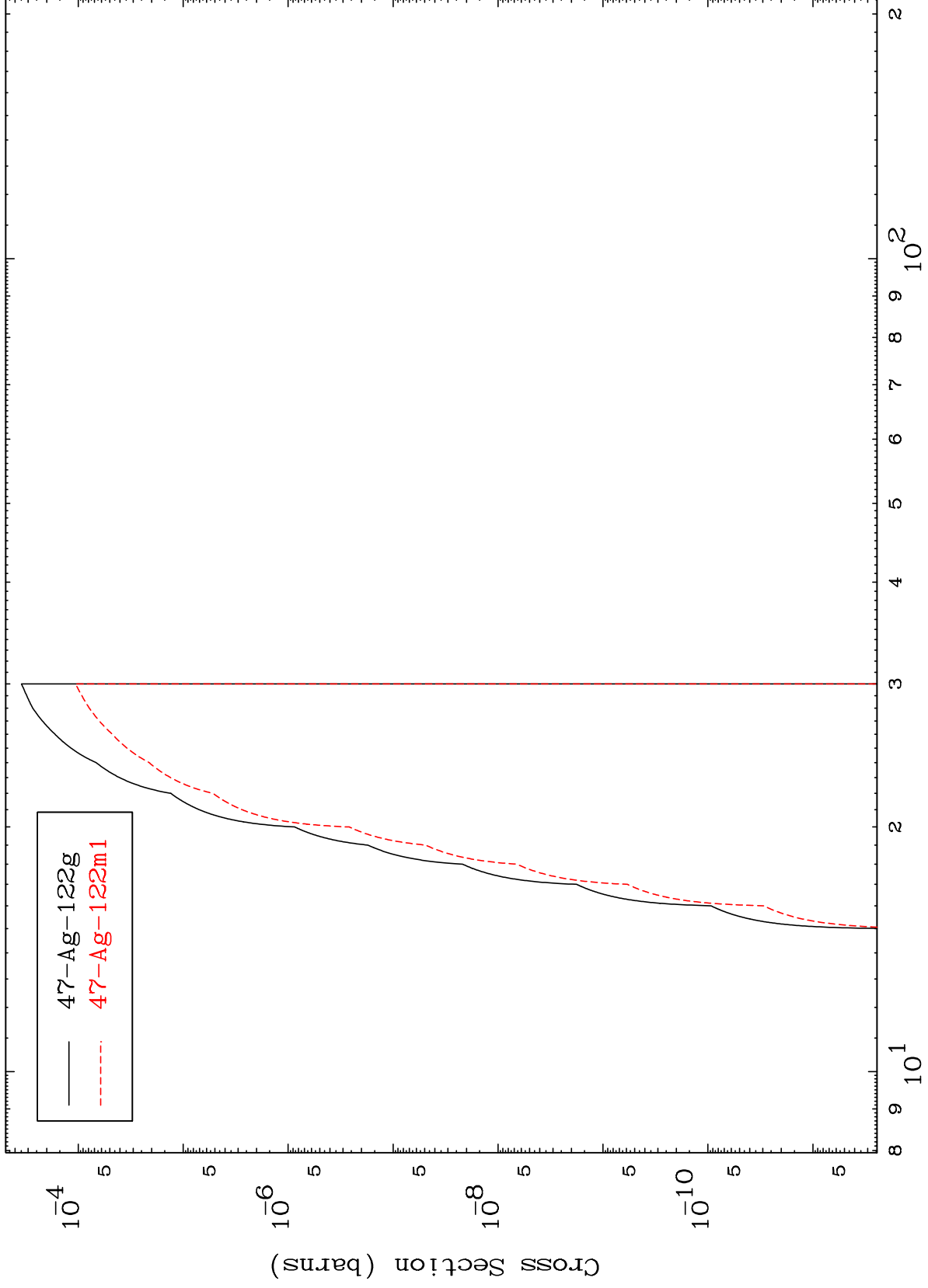
— 48-Cd-123g  
- - - 48-Cd-123m2

MAT 4876

(n,He-3)

48-Cd-123

Radionuclide Production Cross Section



26

Incident Energy (MeV)

48-Cd-123

Radionuclide Production Cross Section

