

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

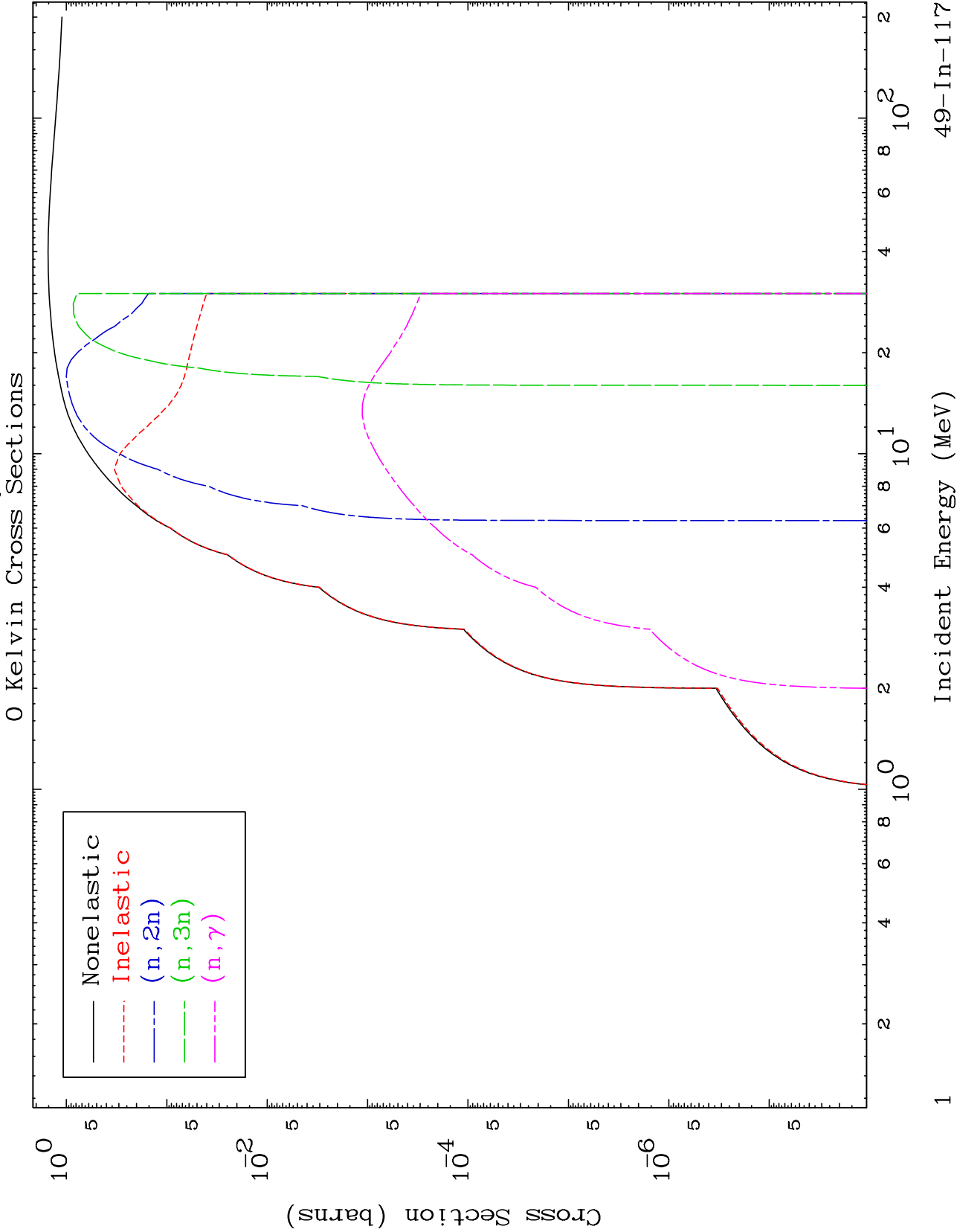
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

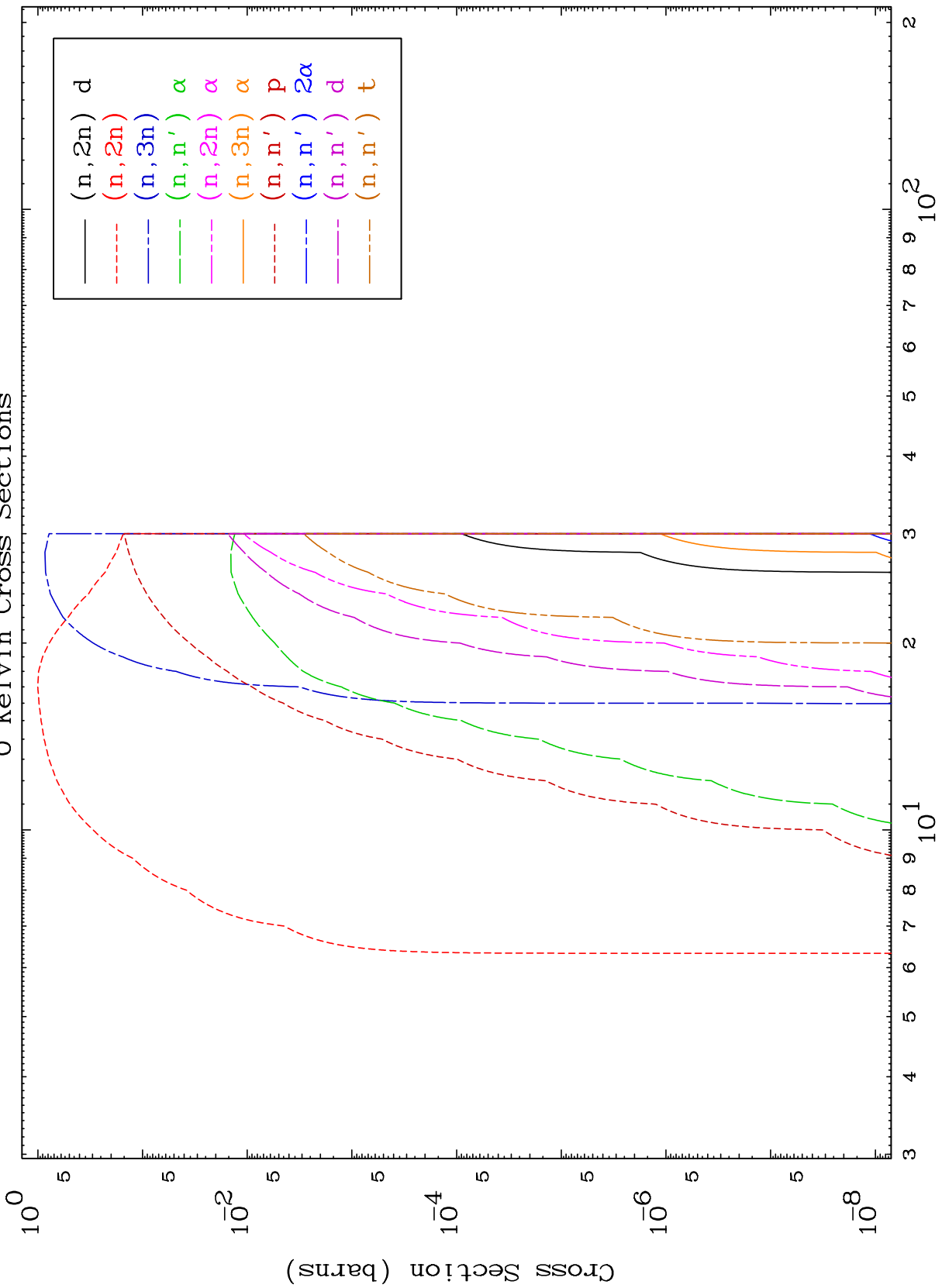
Tele: 925-443-1911

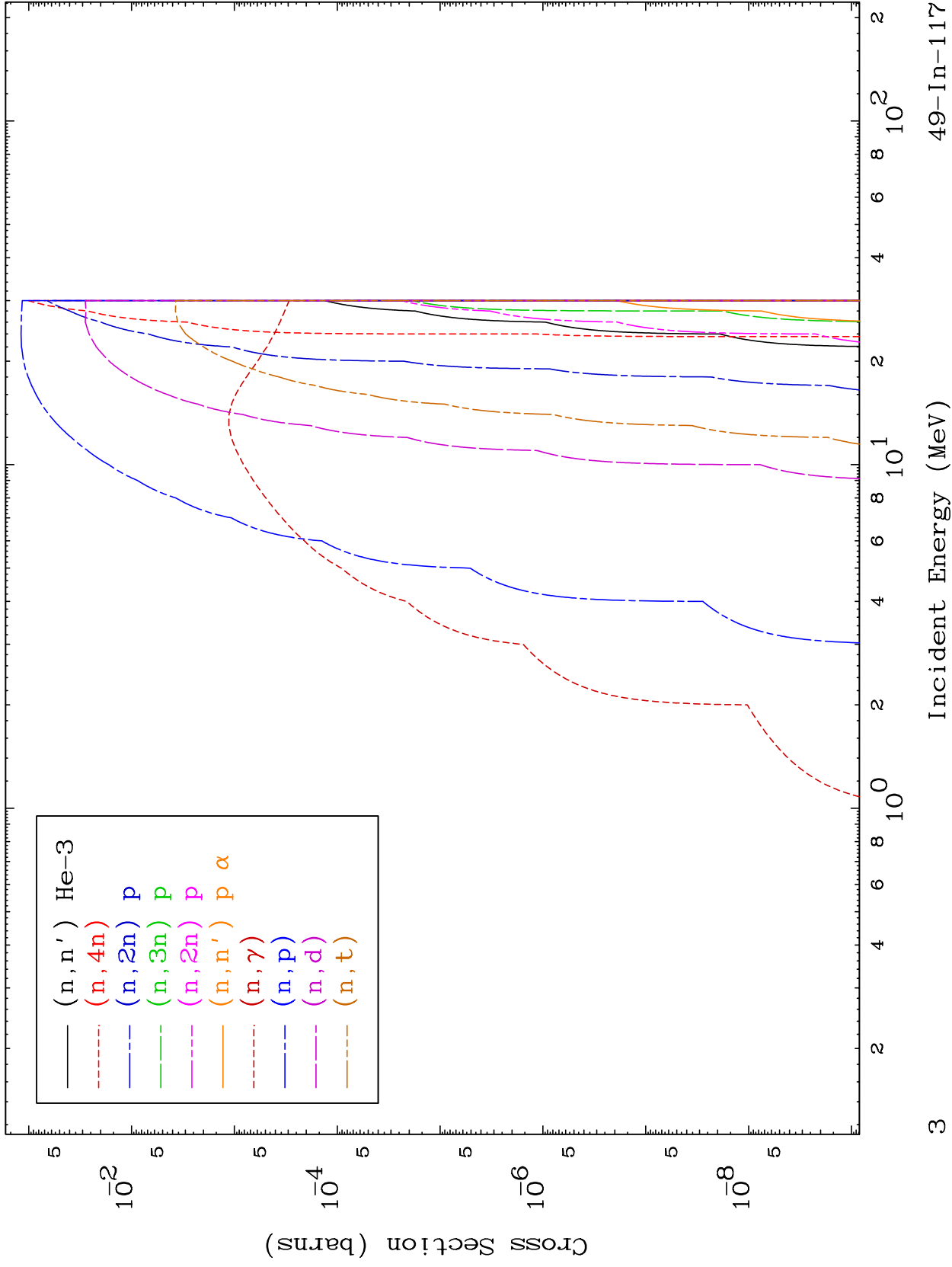
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

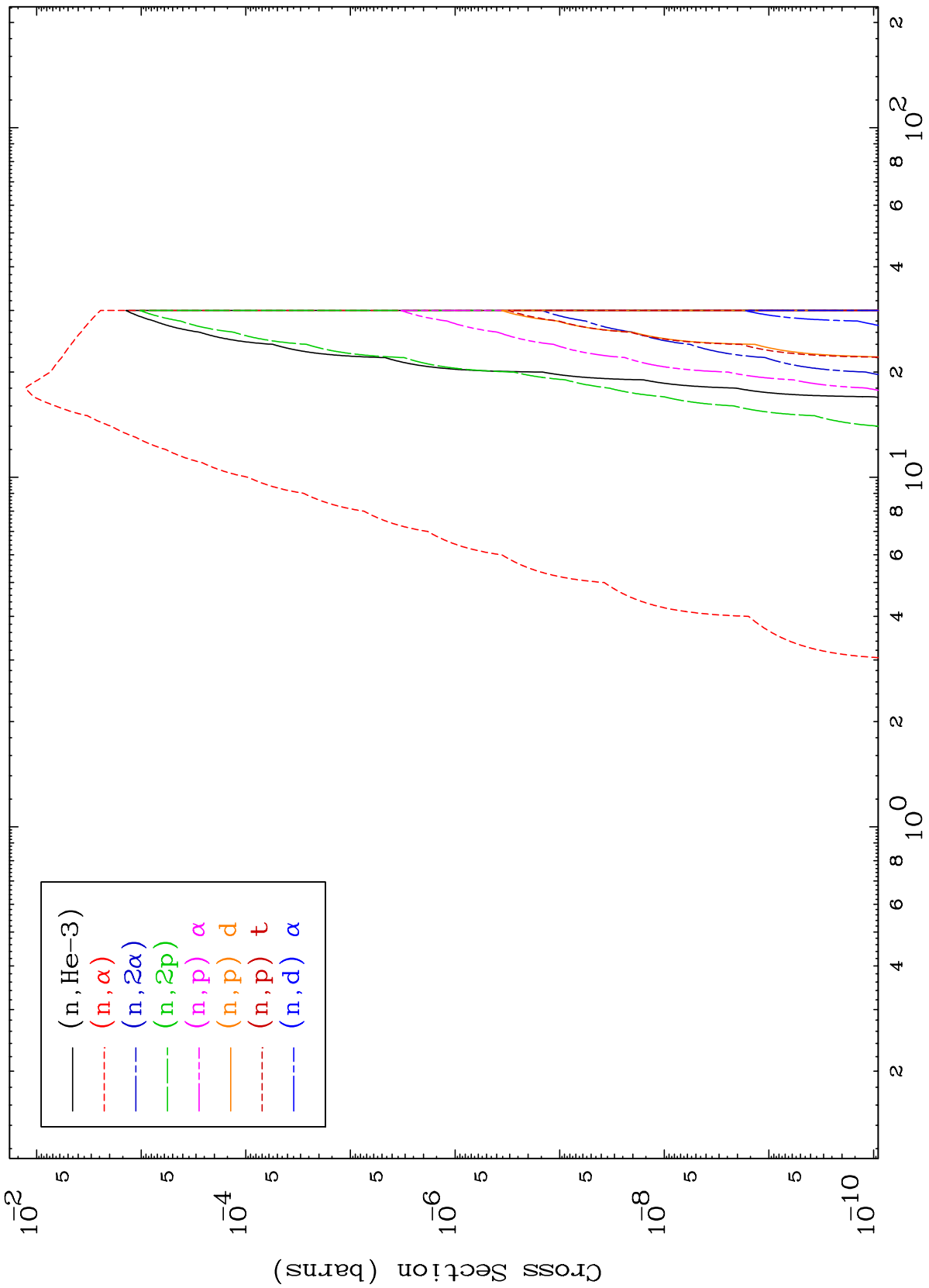
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

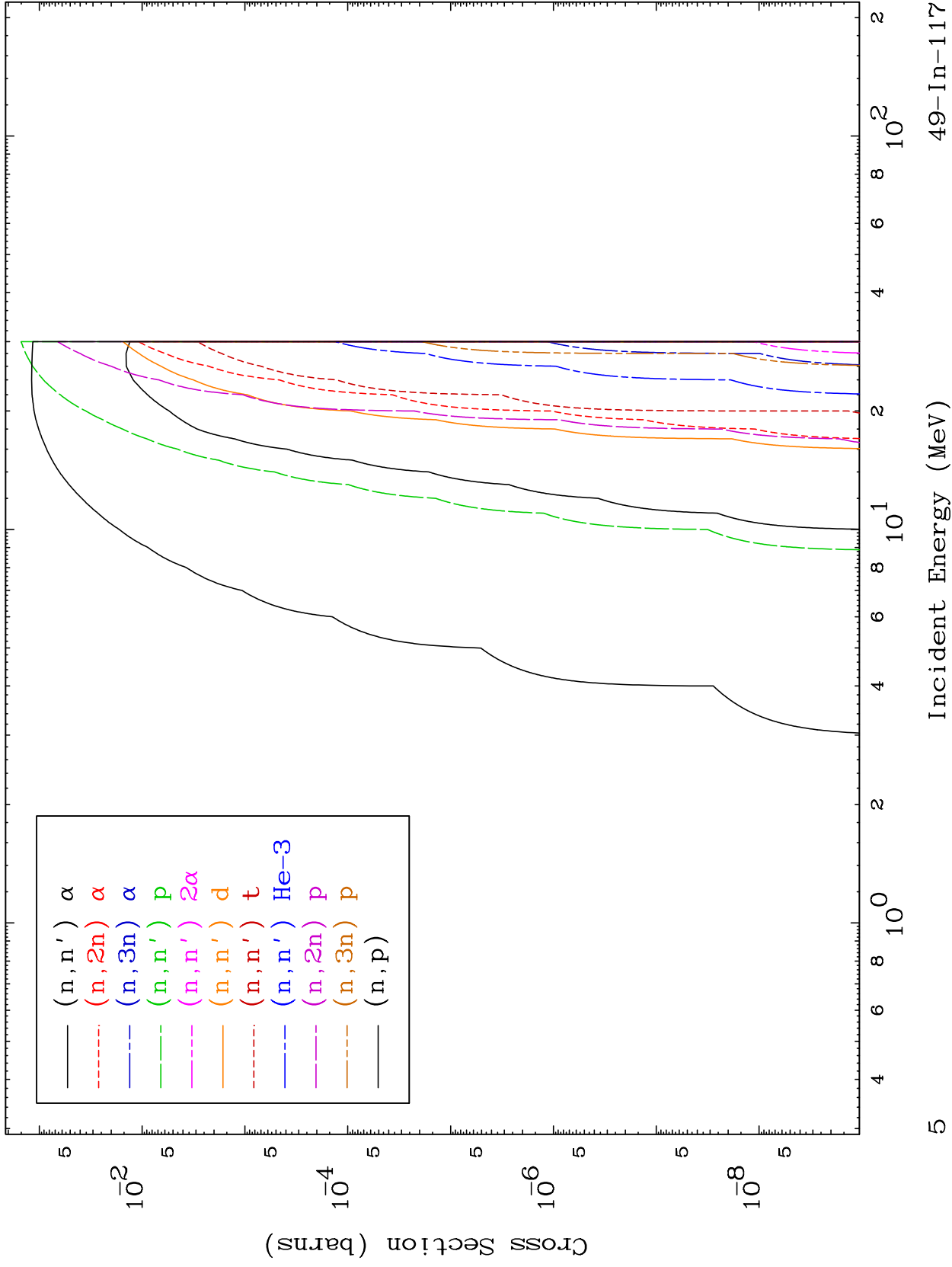
Press Mouse Button to Start

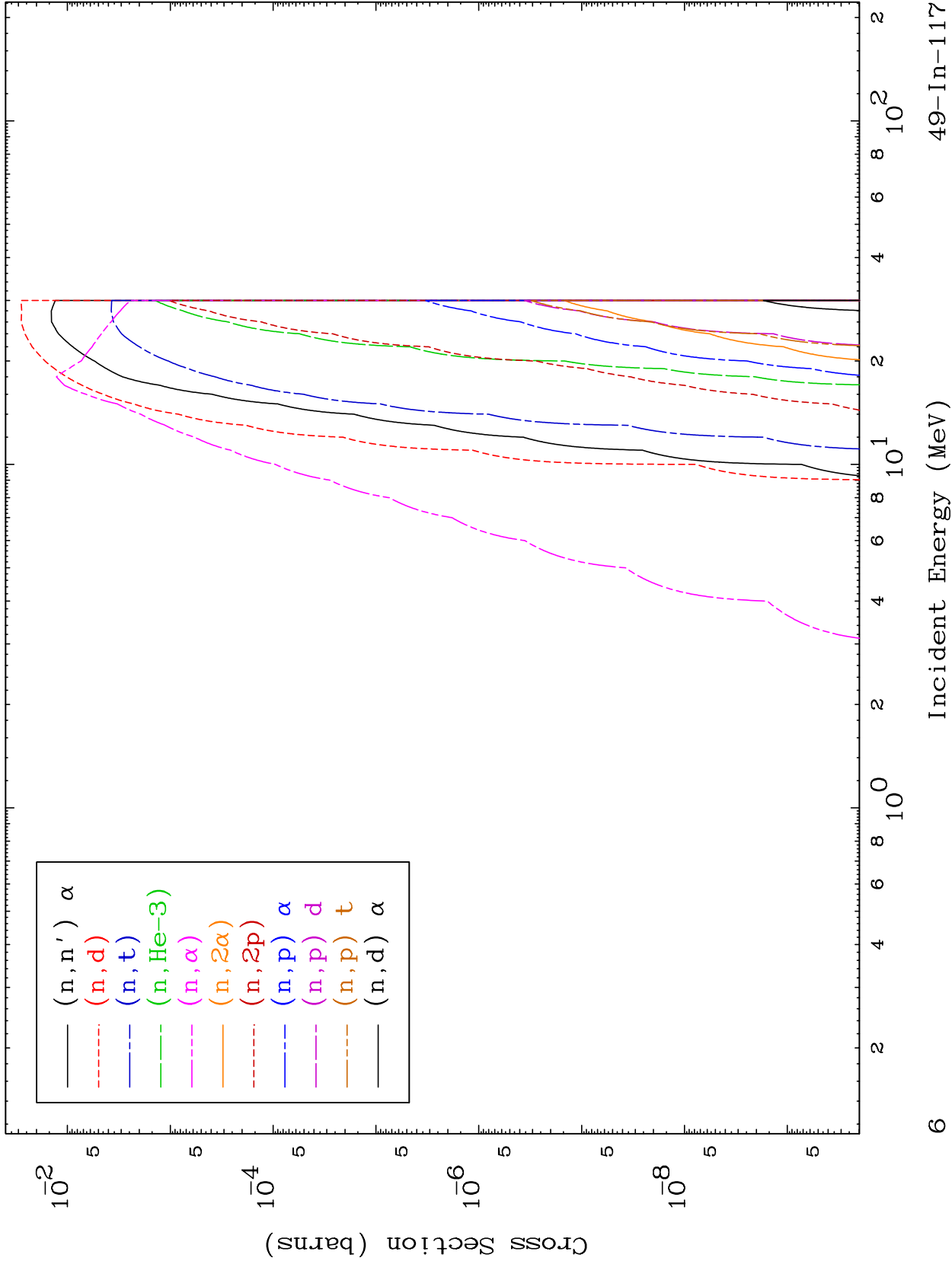










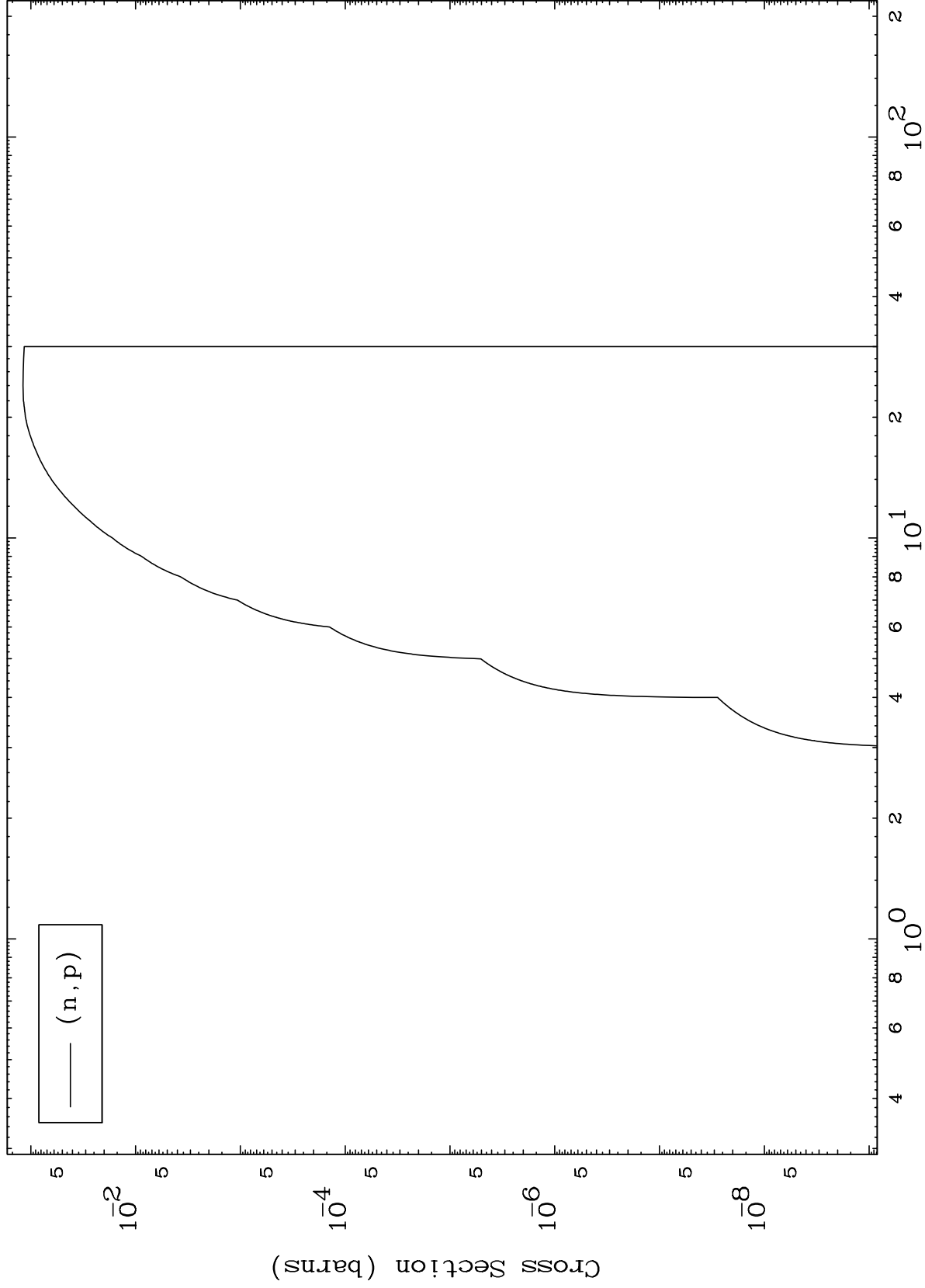


MAT 4937

(p,p) Levels

49-In-117

0 Kelvin Cross Sections



7

Incident Energy (MeV)

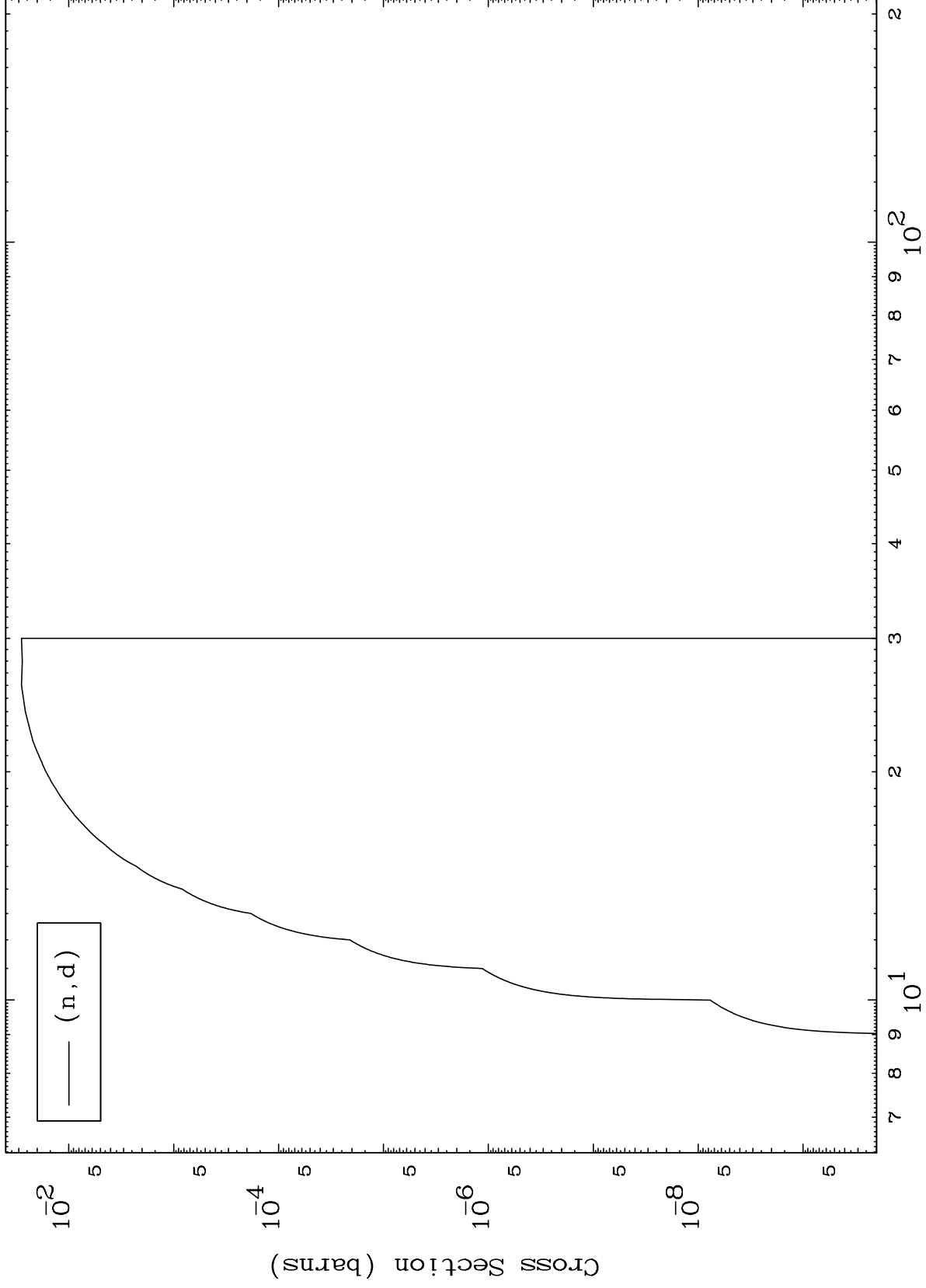
49-In-117



MAT 4937

(p,d) Levels  
0 Kelvin Cross Sections

49-In-117

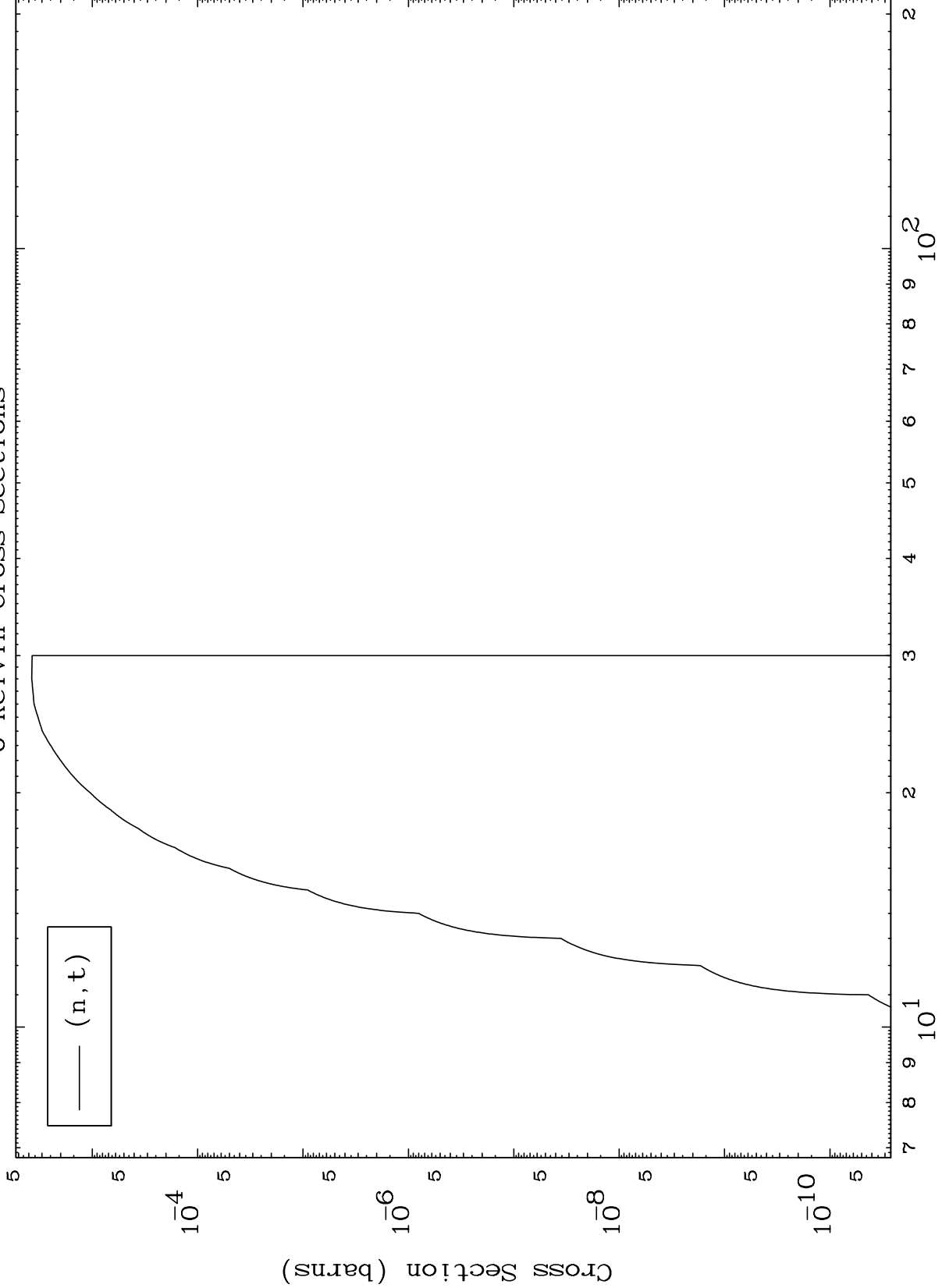


MAT 4937

(p, t) Levels

49-In-117

0 Kelvin Cross Sections



(n, t)

9

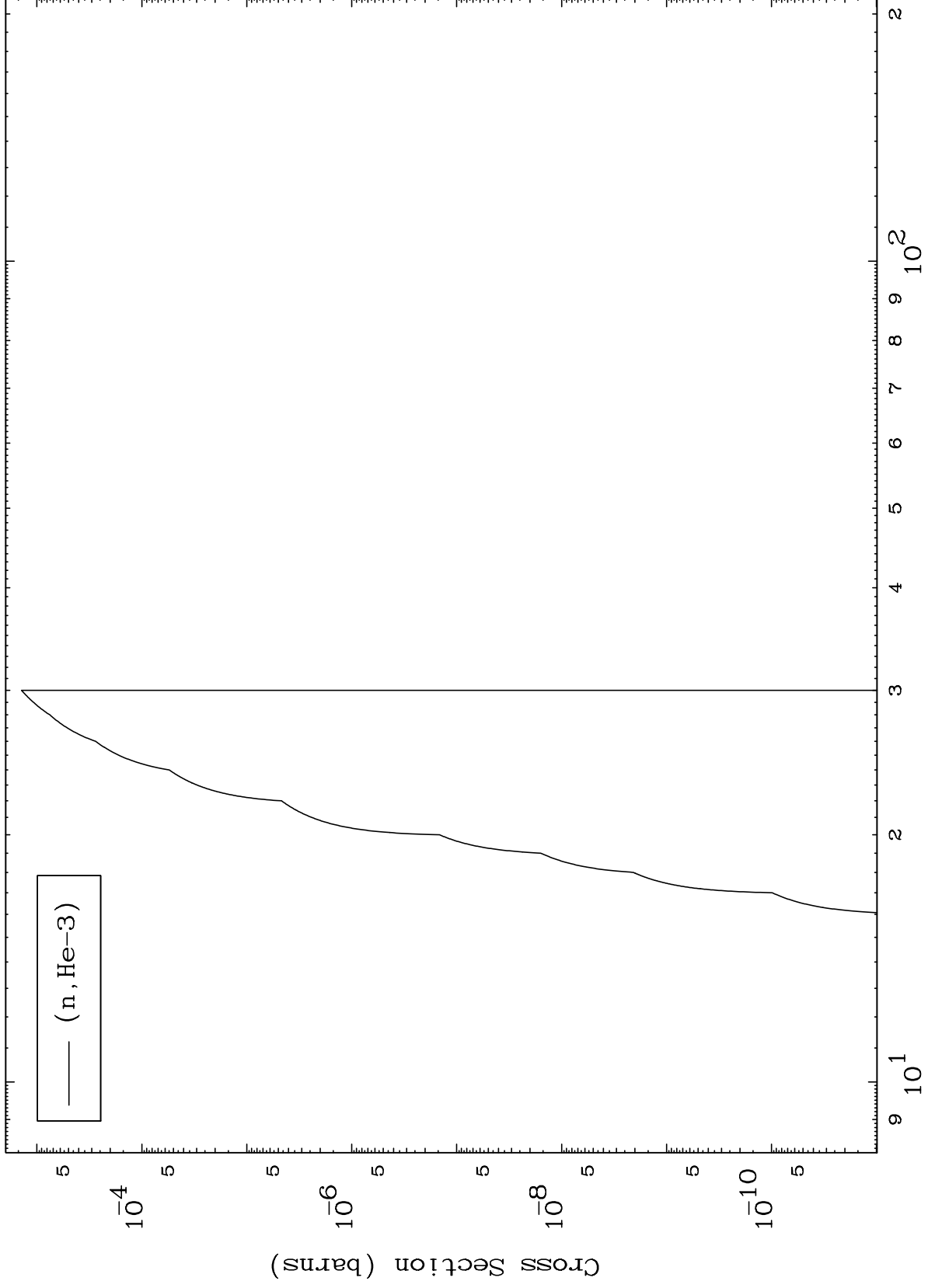
Incident Energy (MeV)

49-In-117

MAT 4937

(p,He3) Levels  
0 Kelvin Cross Sections

49-In-117



10

Incident Energy (MeV)

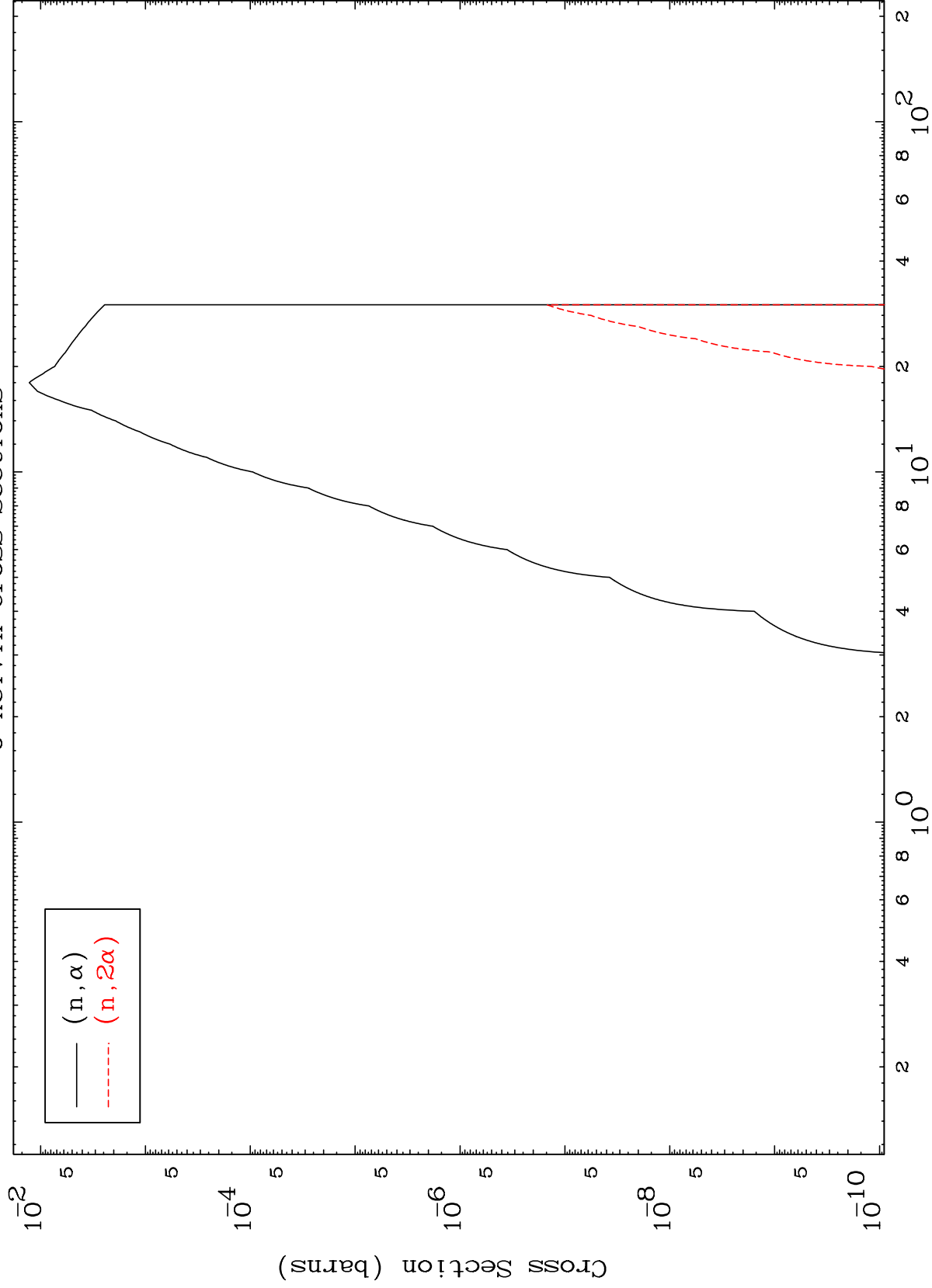
49-In-117

MAT 4937

(p,  $\alpha$ ) Levels

49-In-117

0 Kelvin Cross Sections



11

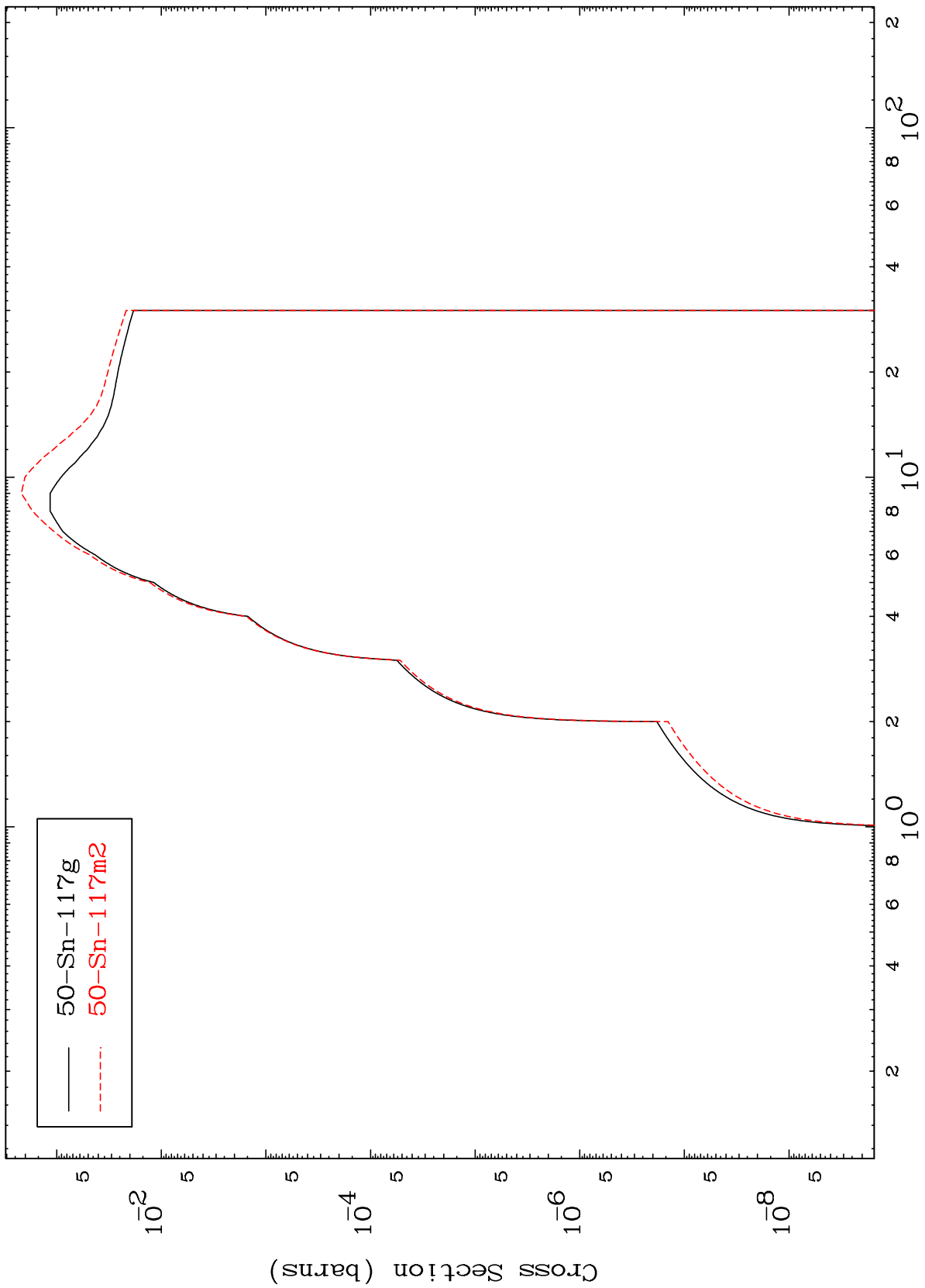
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

Inelastic  
Radionuclide Production Cross Section

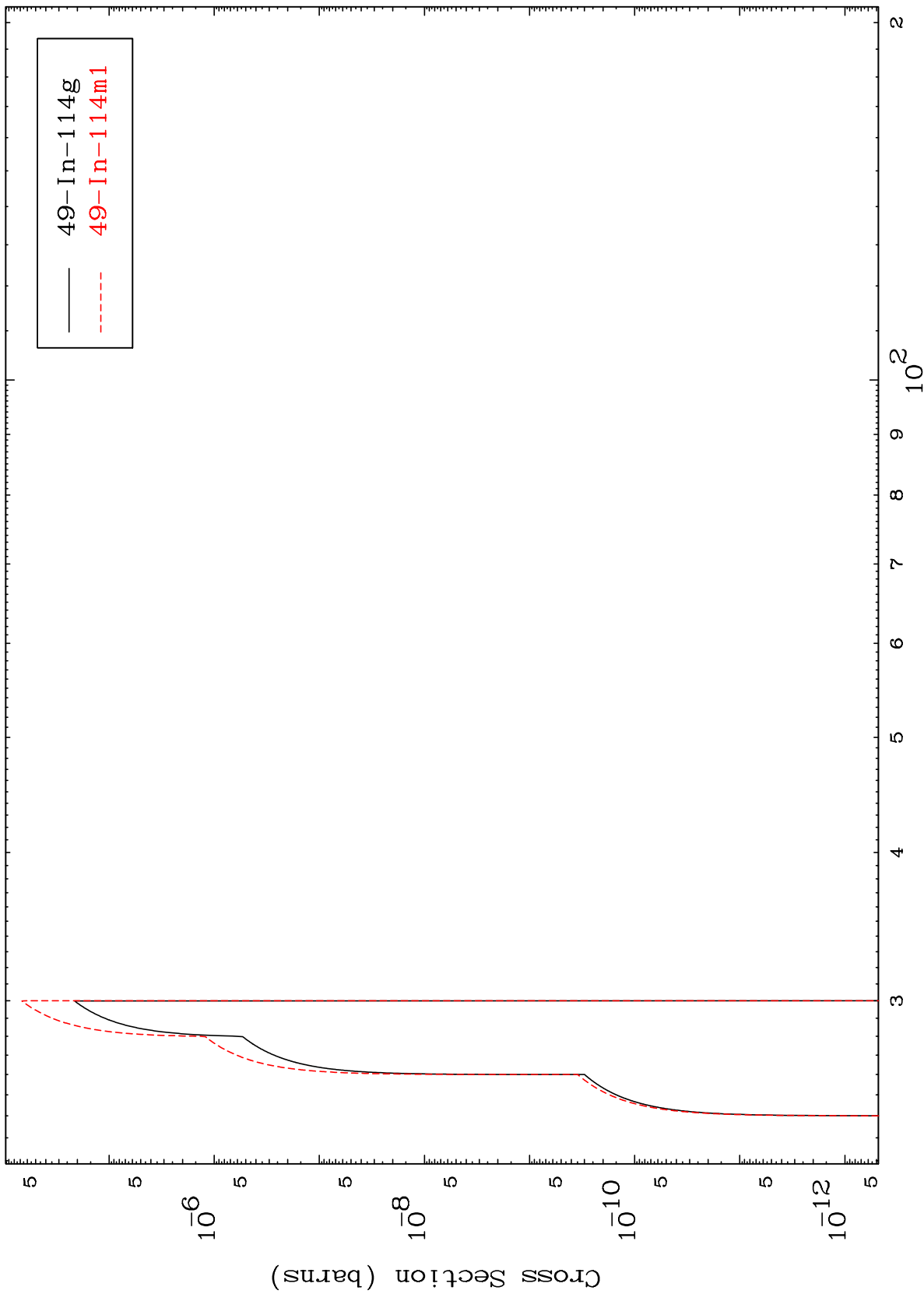


MAT 4937

(n,2n) d

49-In-117

Radionuclide Production Cross Section



13

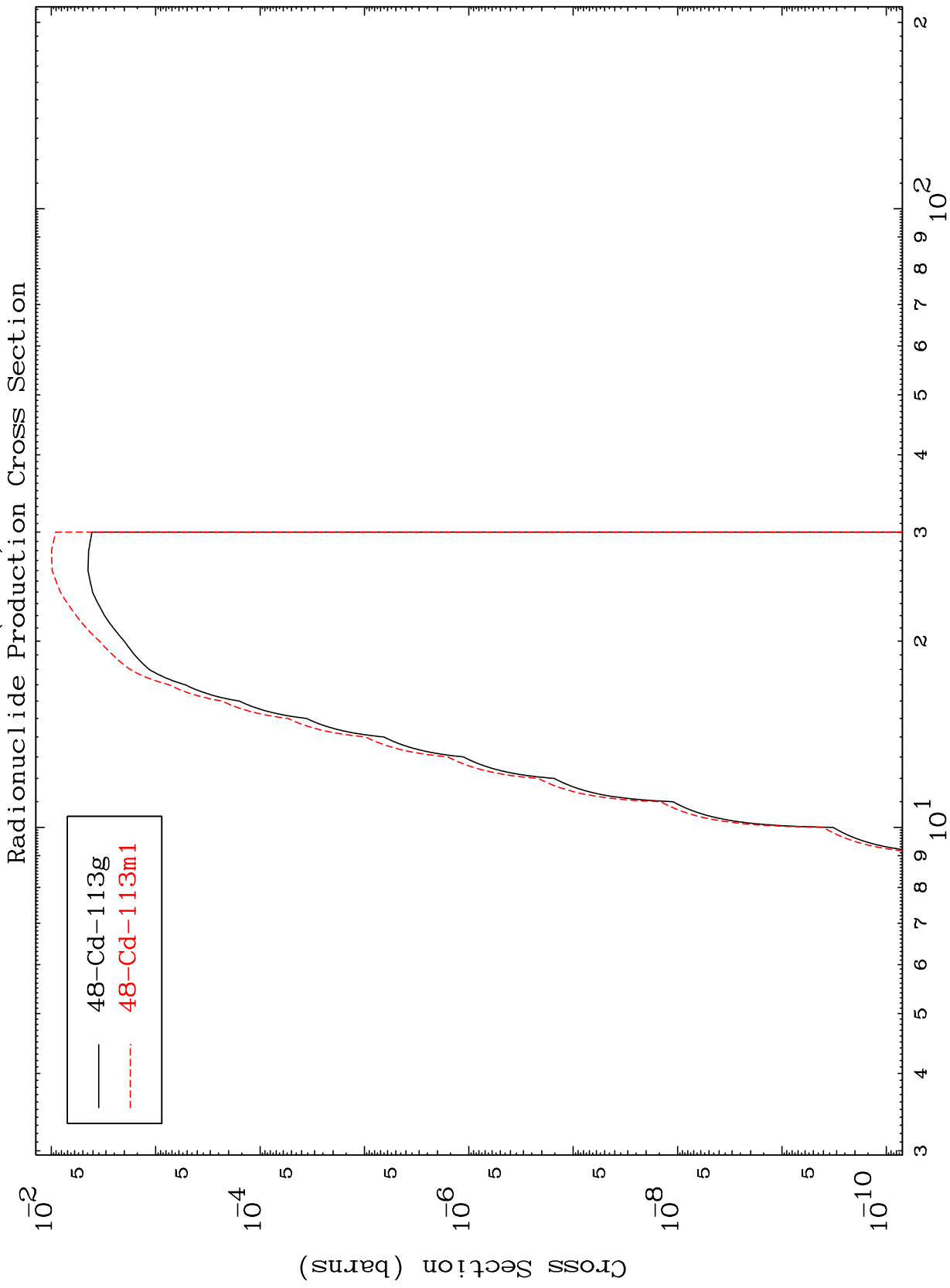
Incident Energy (MeV)

49-In-117

MAT 4937

(n,n')  $\alpha$

49-In-117



14

Incident Energy (MeV)

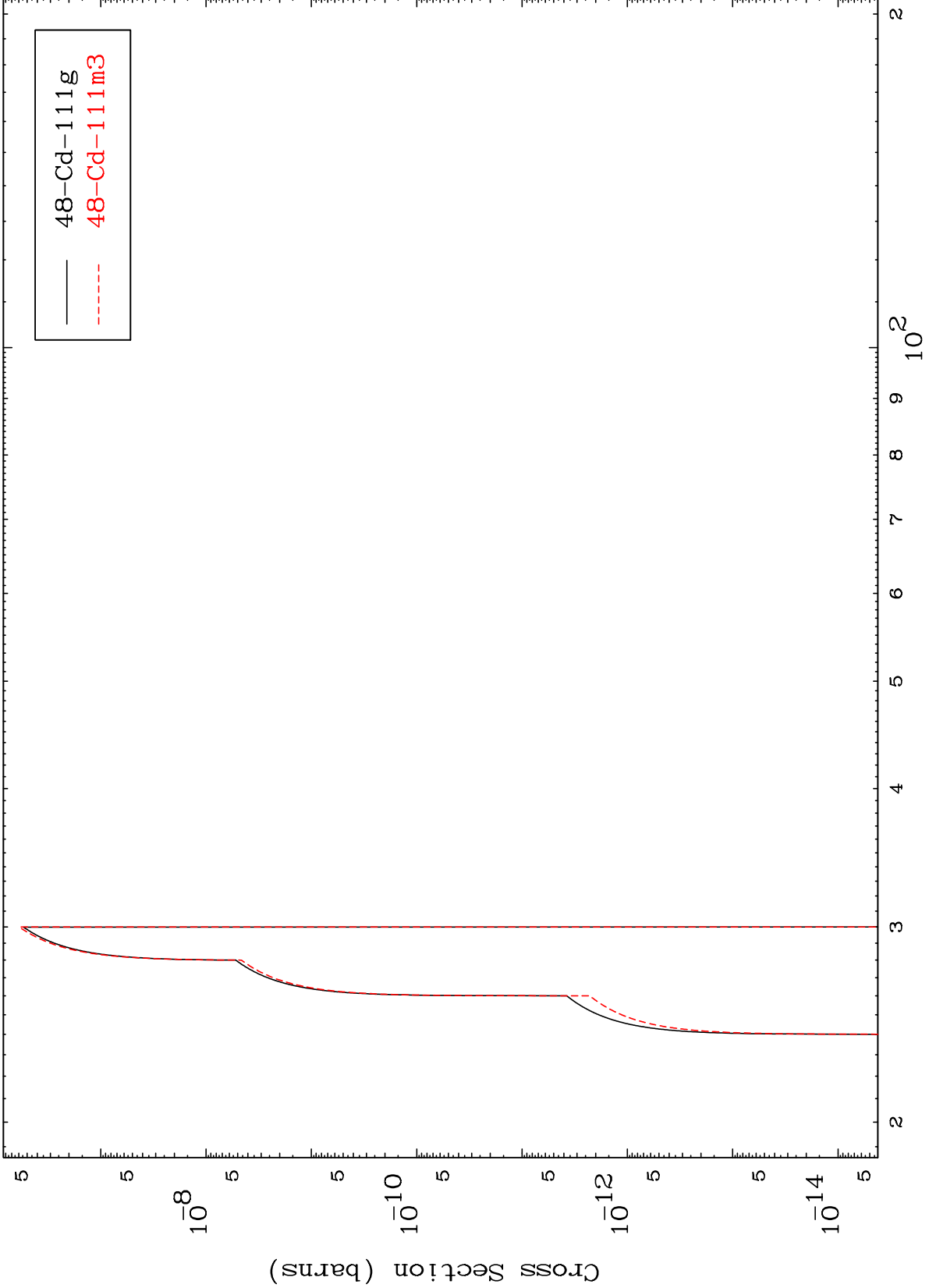
49-In-117

MAT 4937

(n,3n)  $\alpha$

49-In-117

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

49-In-117

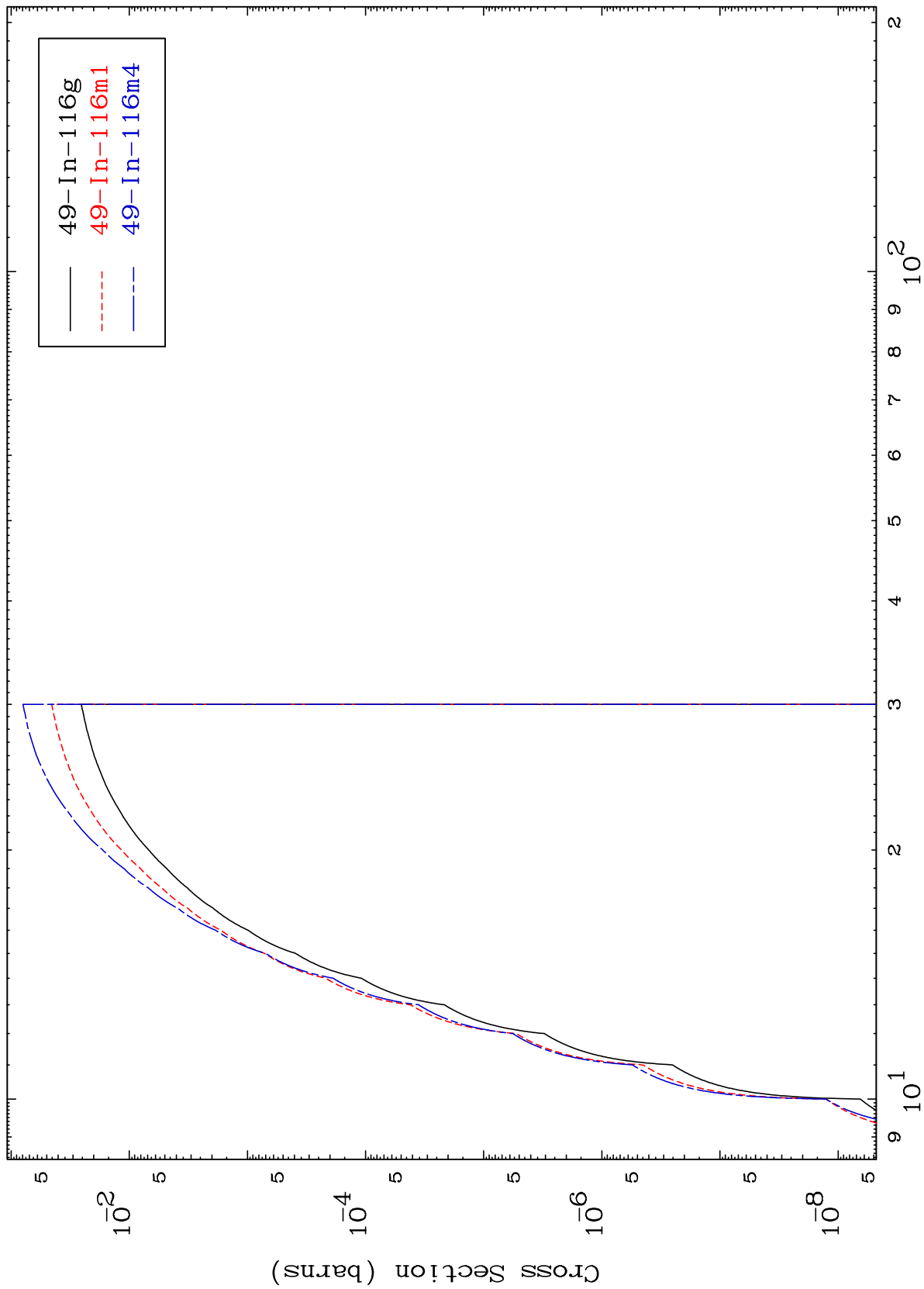


MAT 4937

(n,n') p

49-In-117

Radionuclide Production Cross Section



16

Incident Energy (MeV)

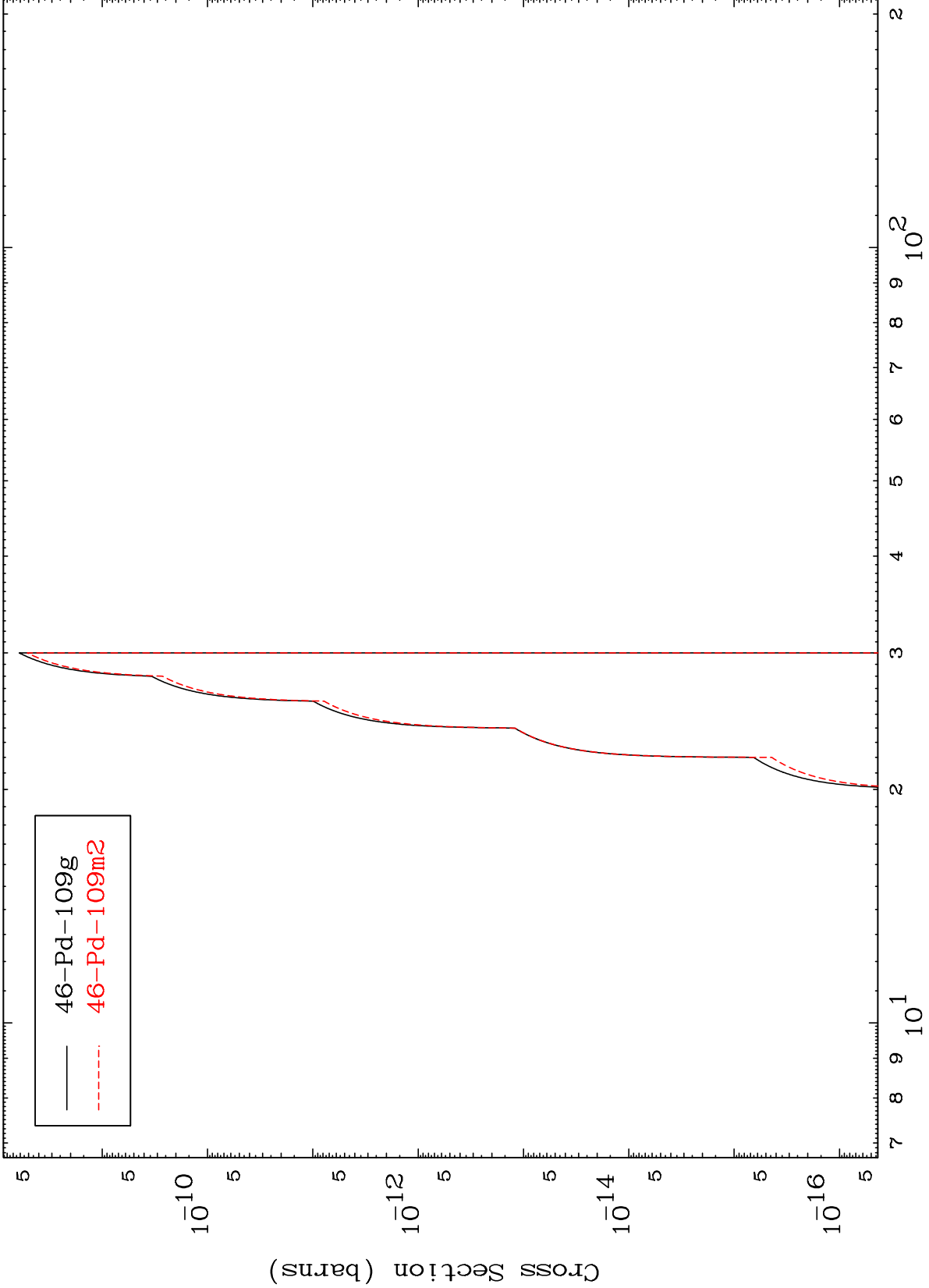
49-In-117

MAT 4937

(n,n') 2α

49-In-117

Radionuclide Production Cross Section



— 46-Pd-109g  
- - - 46-Pd-109m2

17

Incident Energy (MeV)

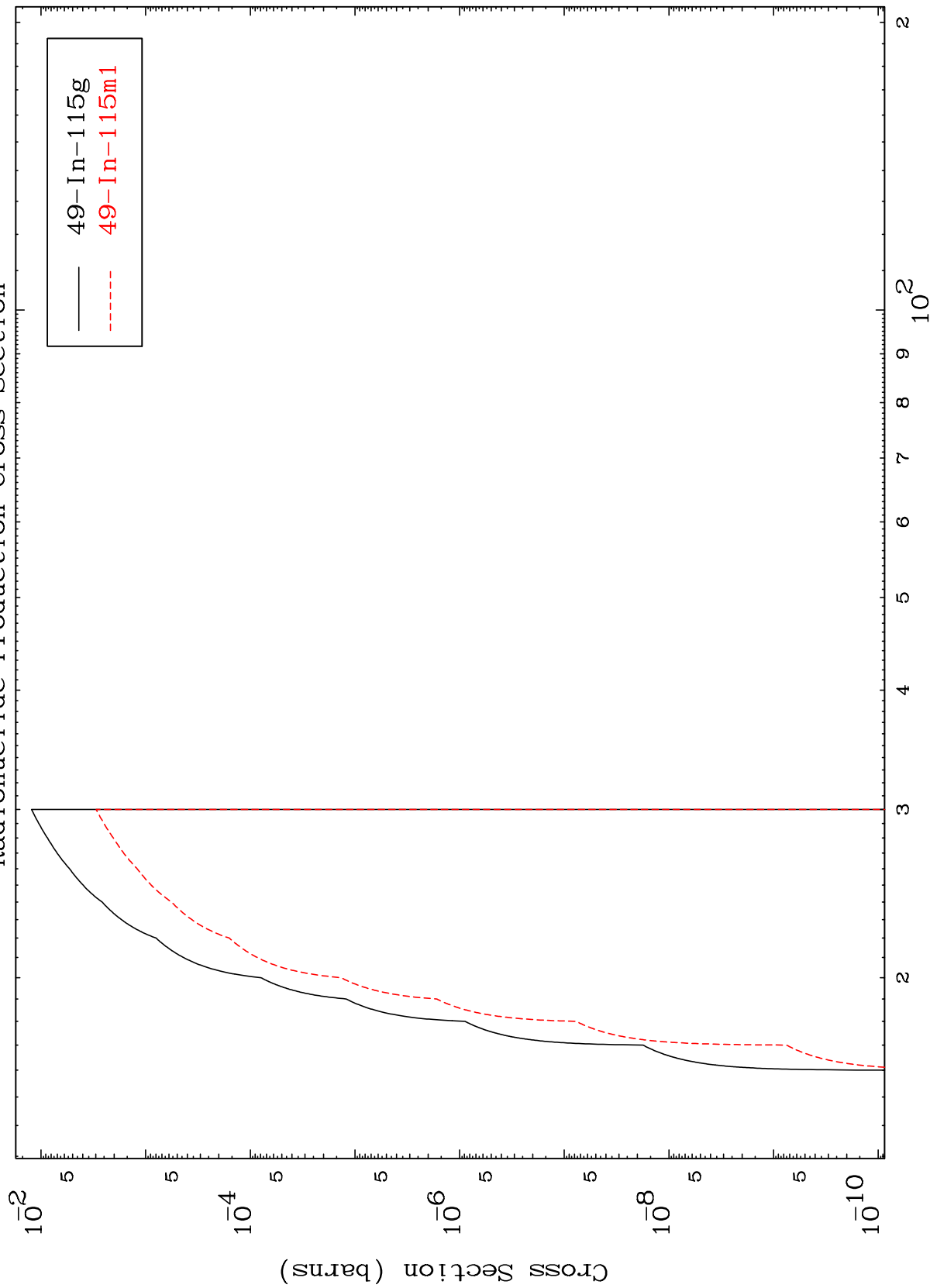
49-In-117

MAT 4937

(n,n') d

49-In-117

Radionuclide Production Cross Section



18

Incident Energy (MeV)

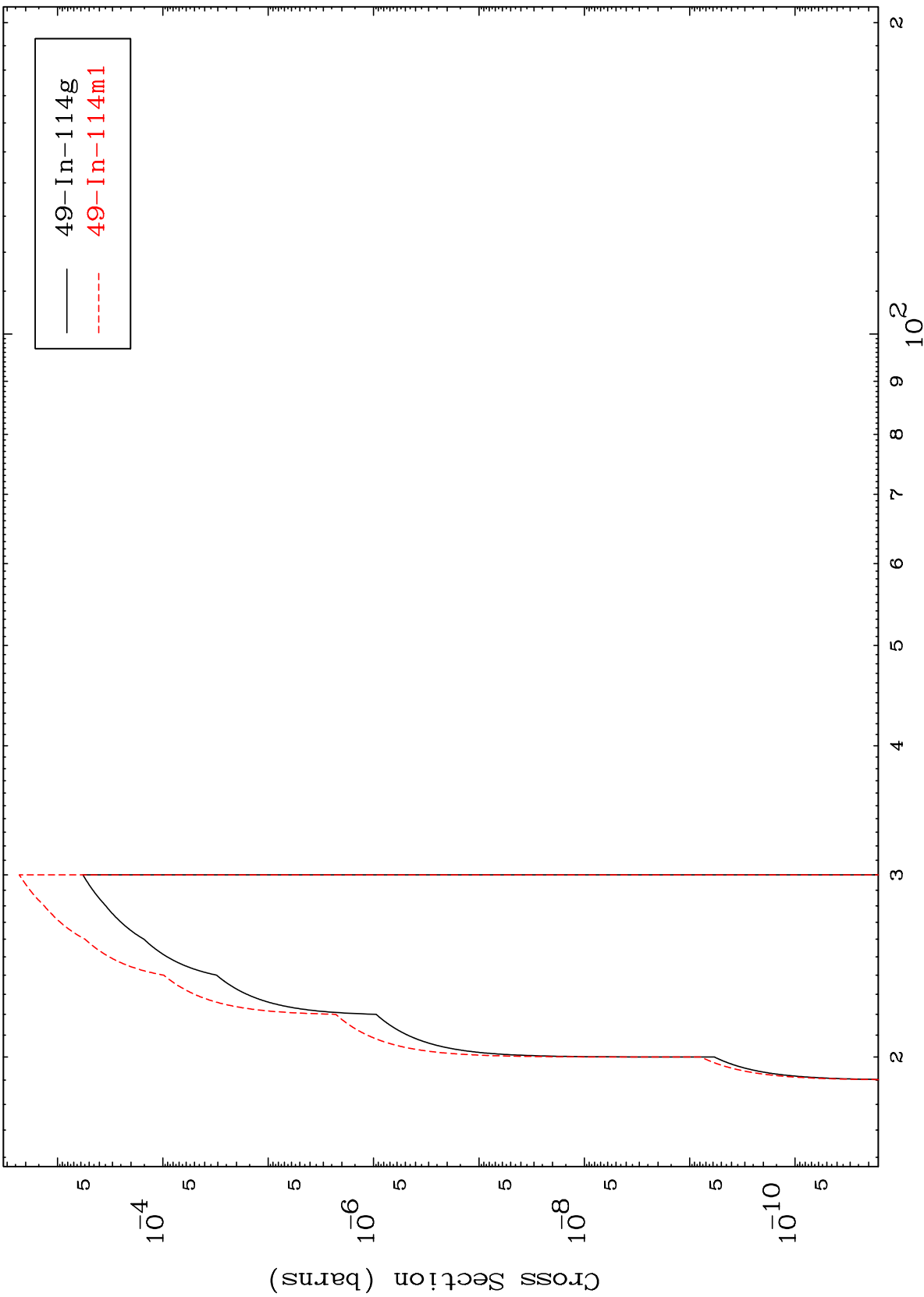
49-In-117

MAT 4937

(n,n') t

49-In-117

Radionuclide Production Cross Section



19

Incident Energy (MeV)

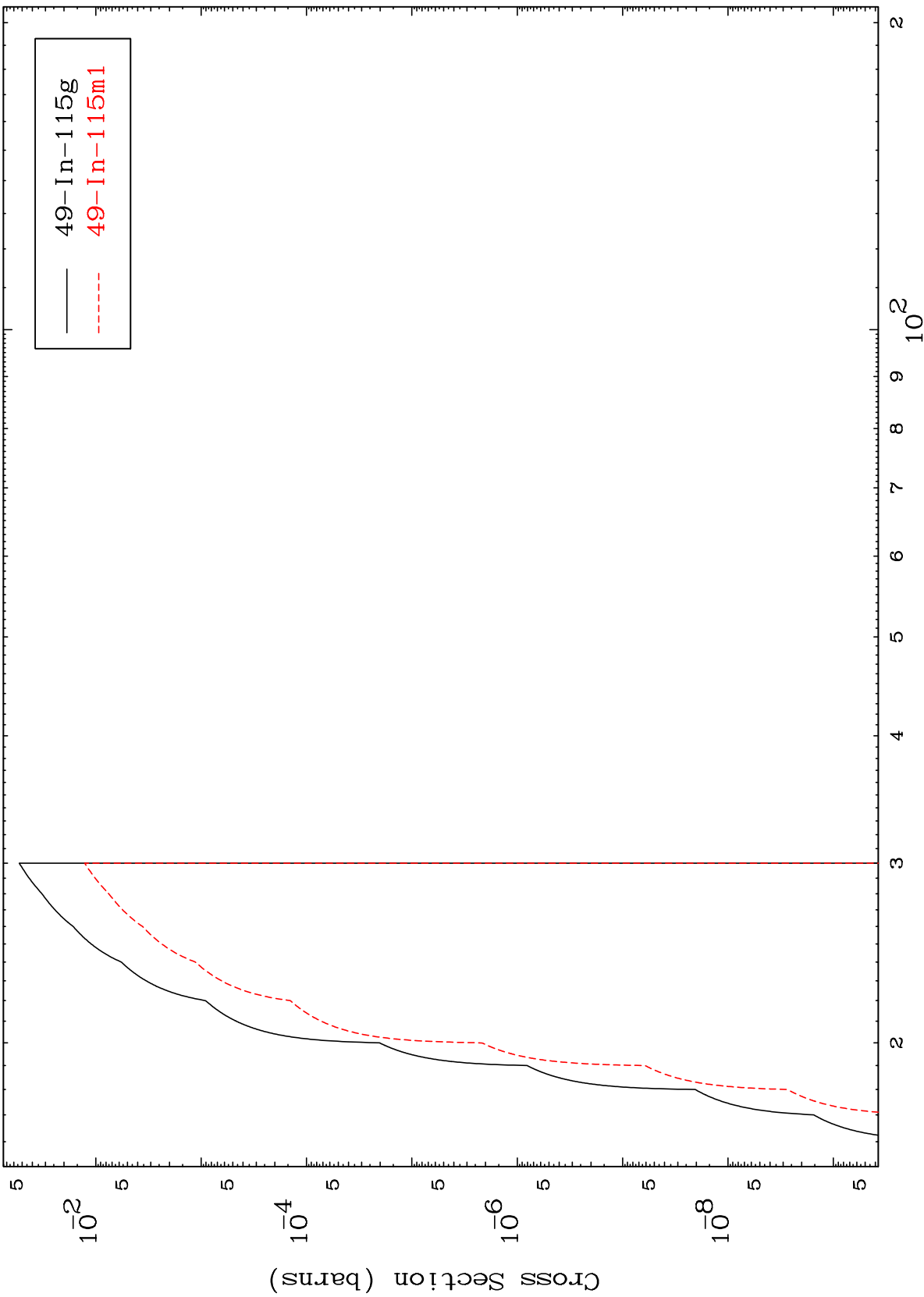
49-In-117

MAT 4937

(n,2n) p

49-In-117

Radionuclide Production Cross Section



20

Incident Energy (MeV)

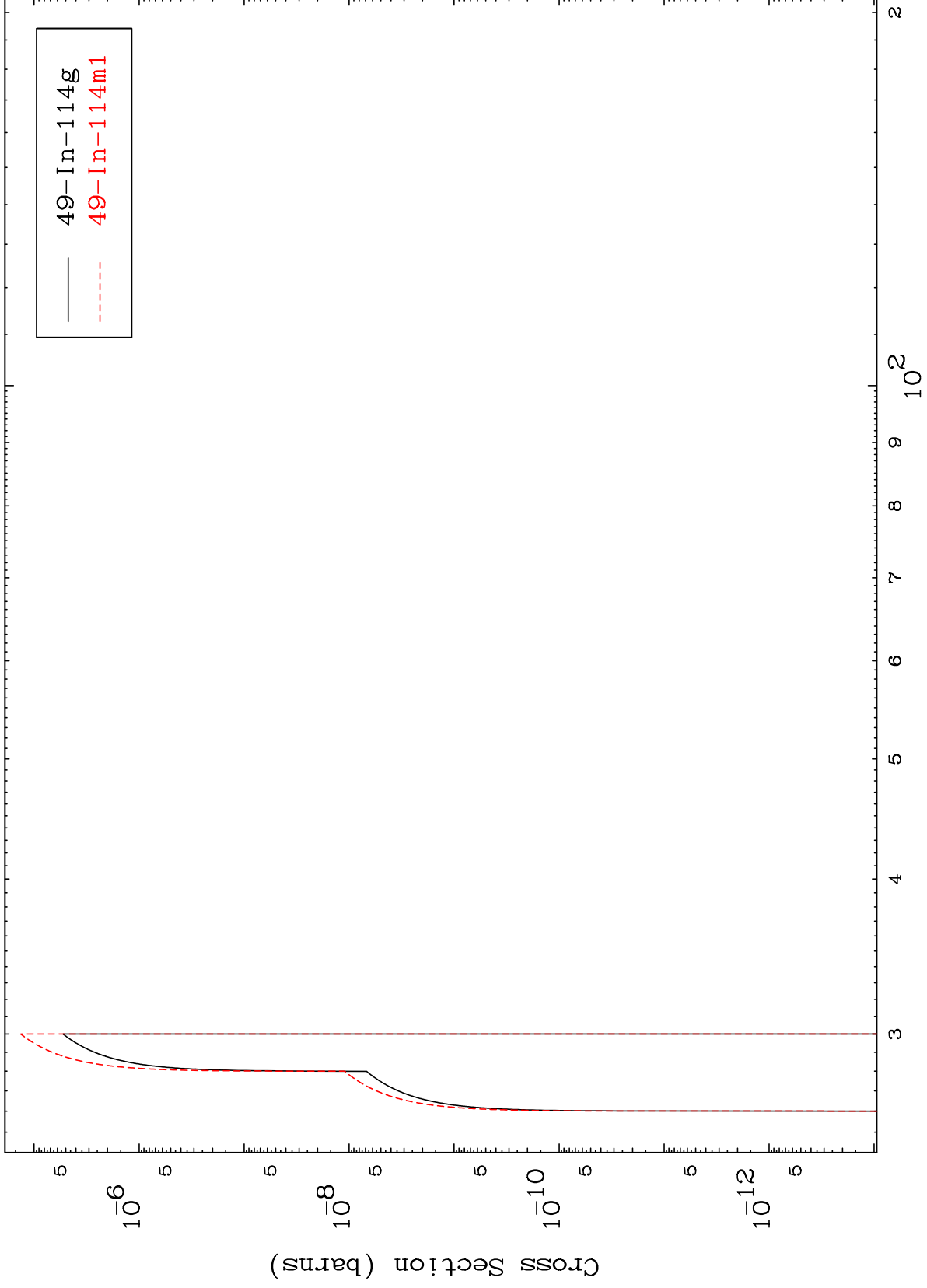
49-In-117

MAT 4937

(n,3n) p

49-In-117

Radionuclide Production Cross Section



21

Incident Energy (MeV)

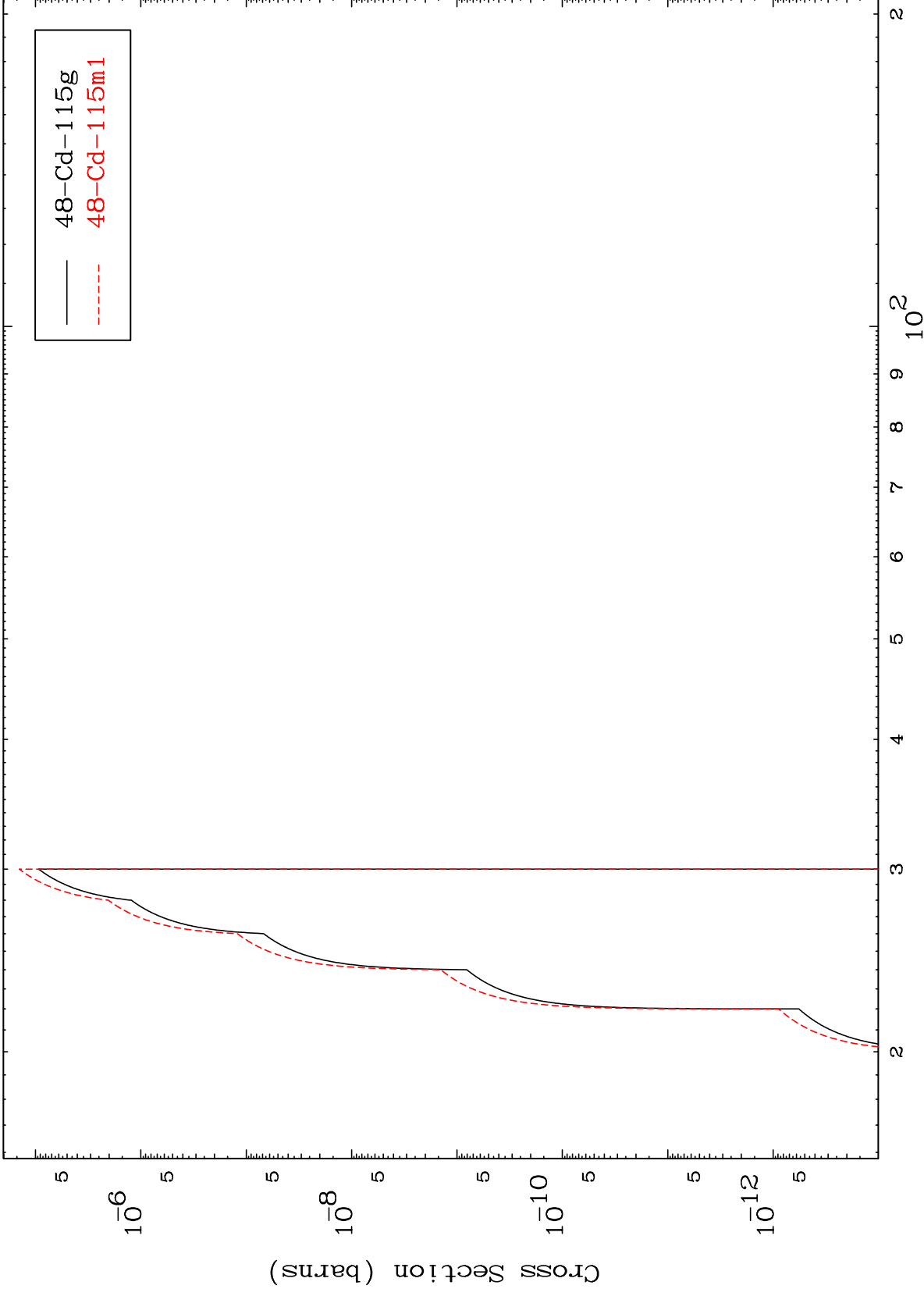
49-In-117

MAT 4937

(n,2n) p

49-In-117

Radionuclide Production Cross Section



22

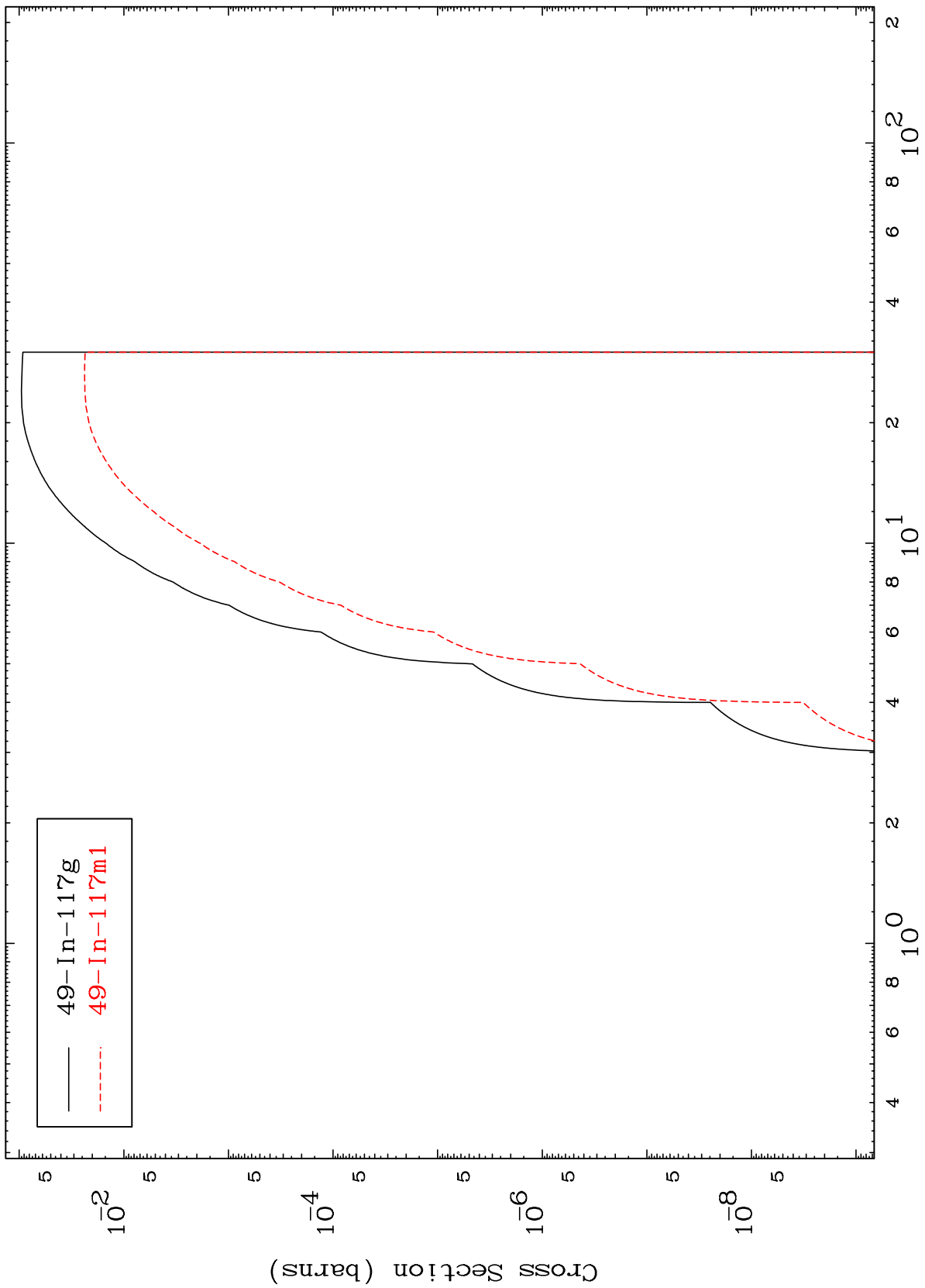
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

(n,p)  
Radionuclide Production Cross Section



— 49-In-117g  
- - - 49-In-117m1

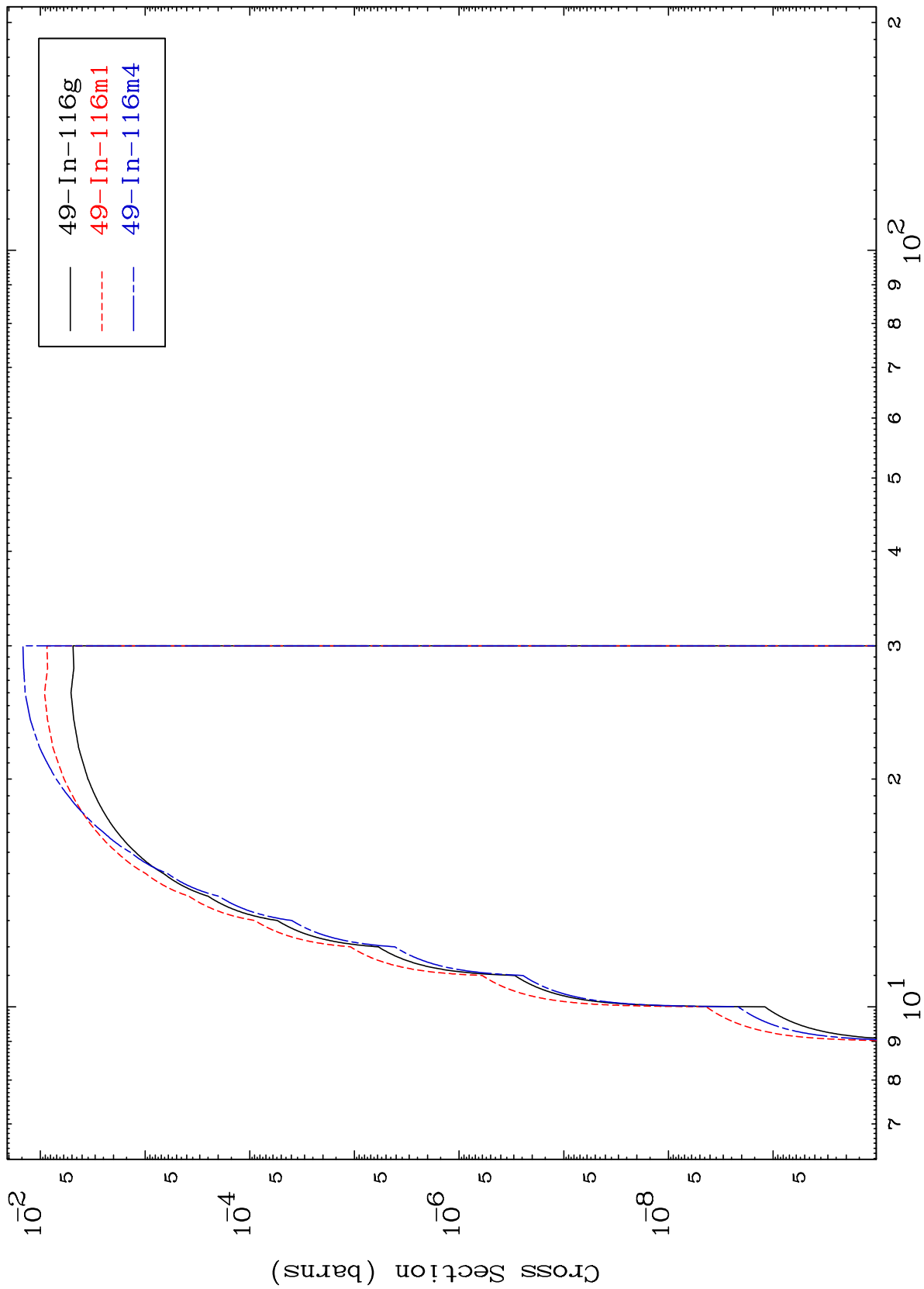


MAT 4937

(n,d)

49-In-117

Radionuclide Production Cross Section



24

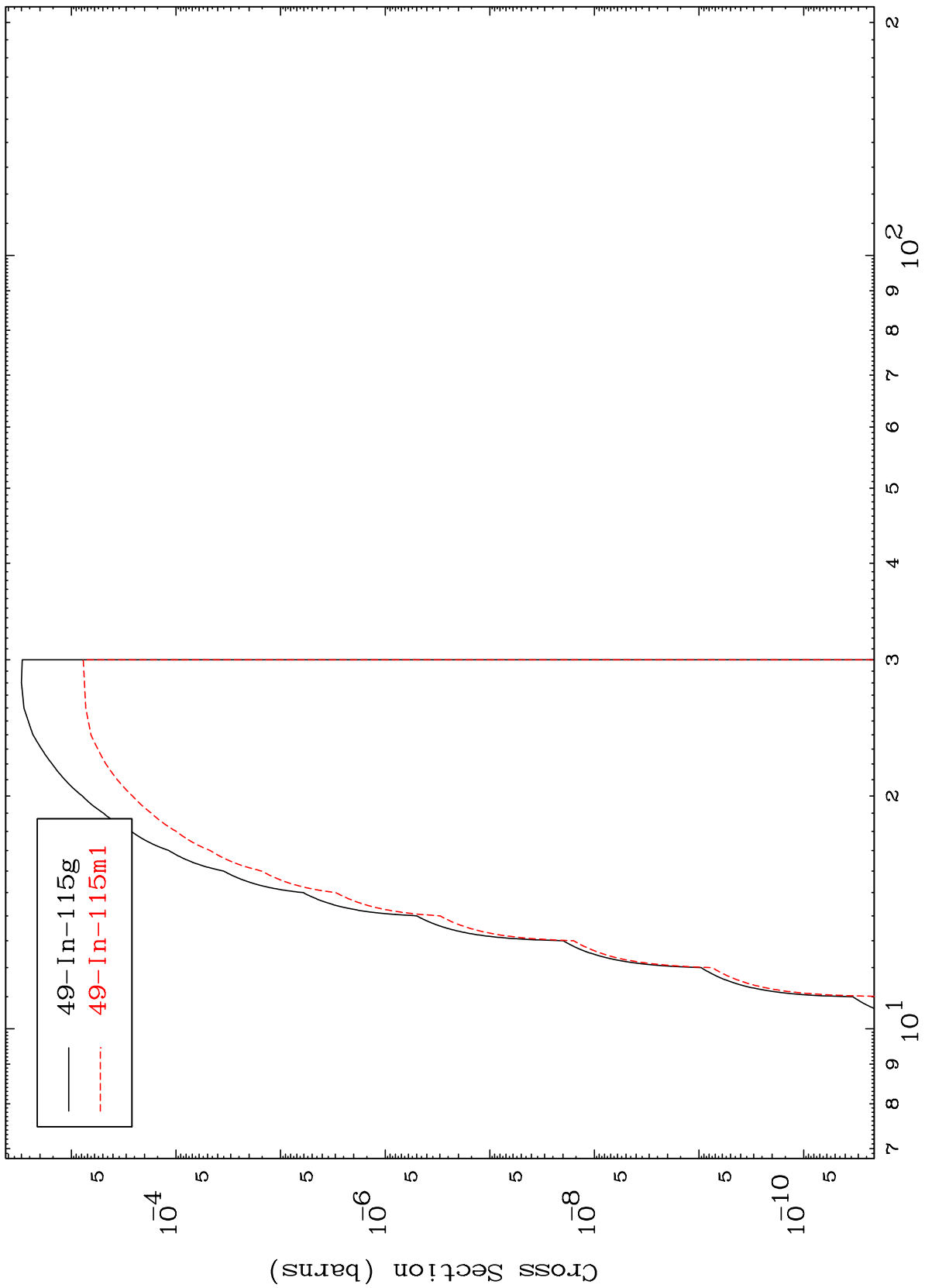
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

(n,t)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

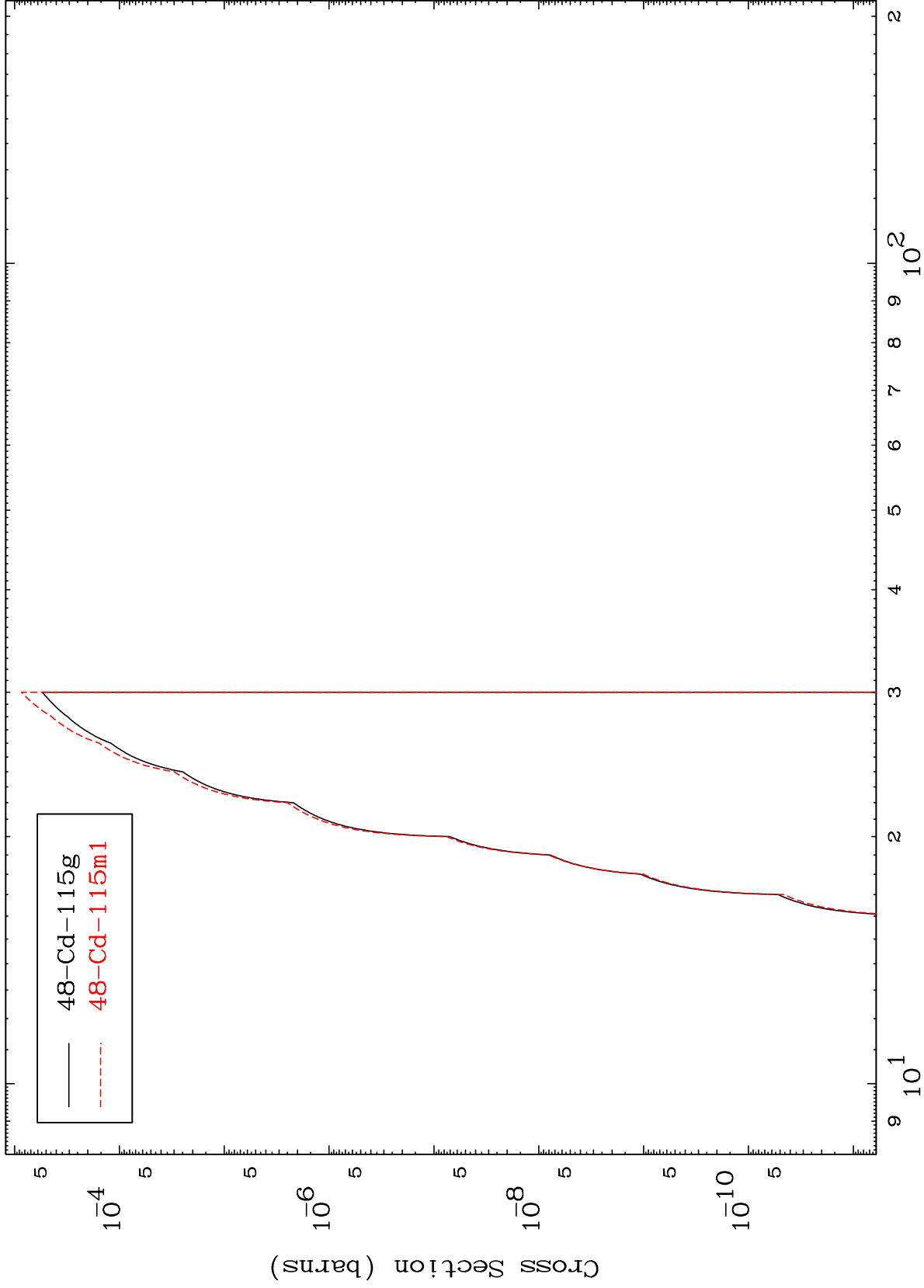
49-In-117

MAT 4937

(n,He-3)

49-In-117

Radionuclide Production Cross Section



26

Incident Energy (MeV)

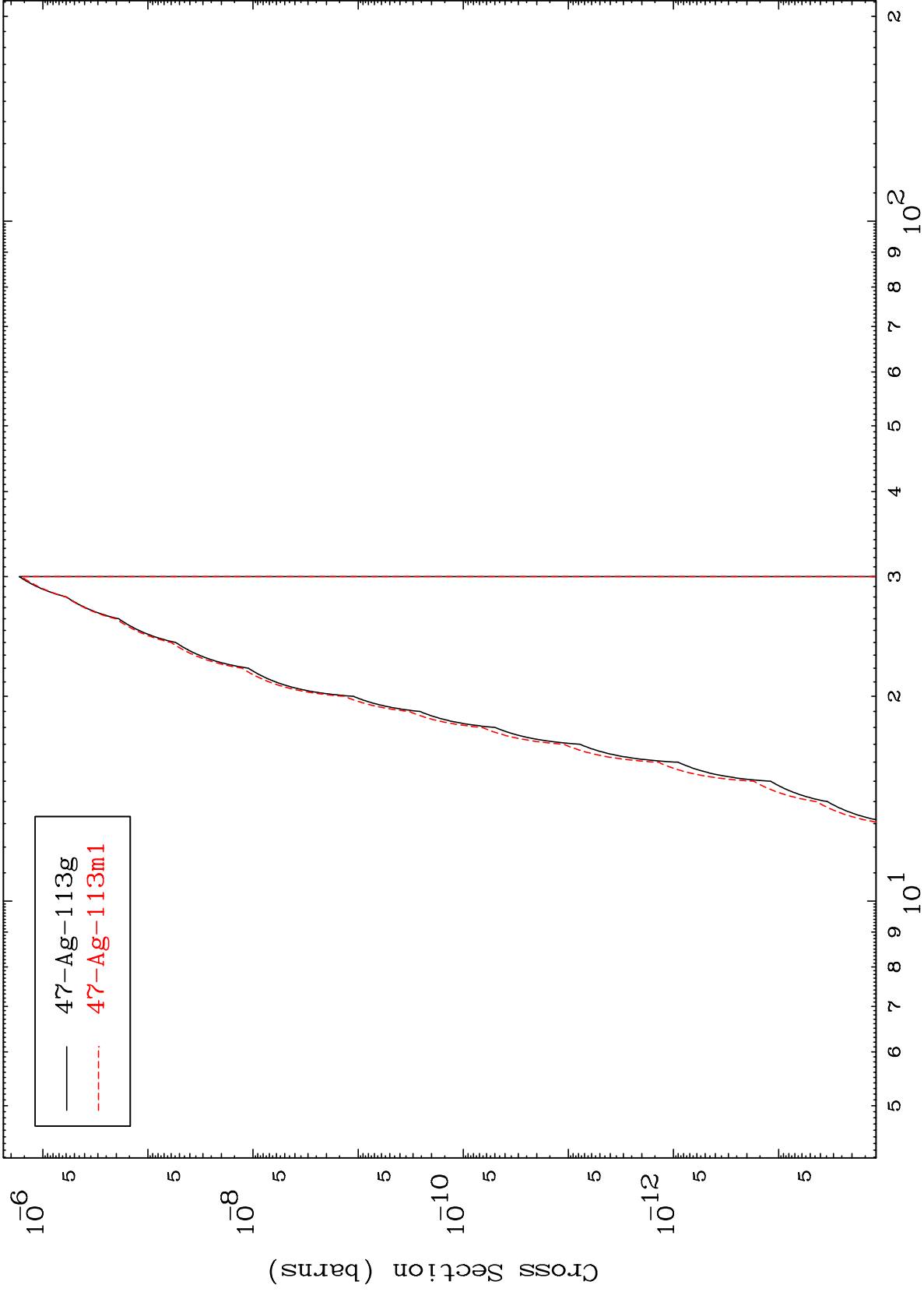
49-In-117

MAT 4937

(n,p)  $\alpha$

49-In-117

Radionuclide Production Cross Section



27

Incident Energy (MeV)

49-In-117

Radionuclide Production Cross Section

