

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

Web:redcullen1.net/HOMEPAGE.NEW

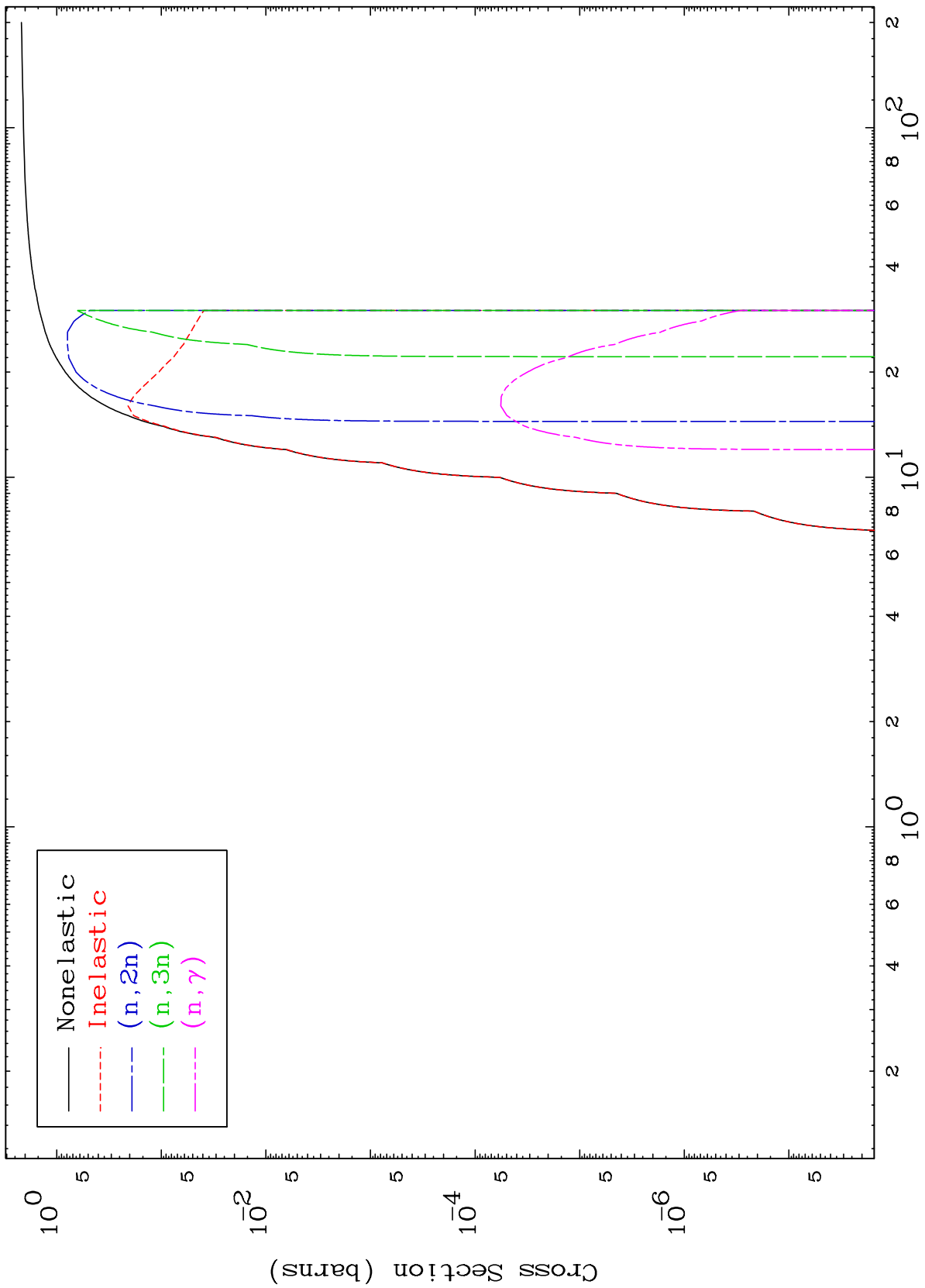
Press Mouse Button to Start

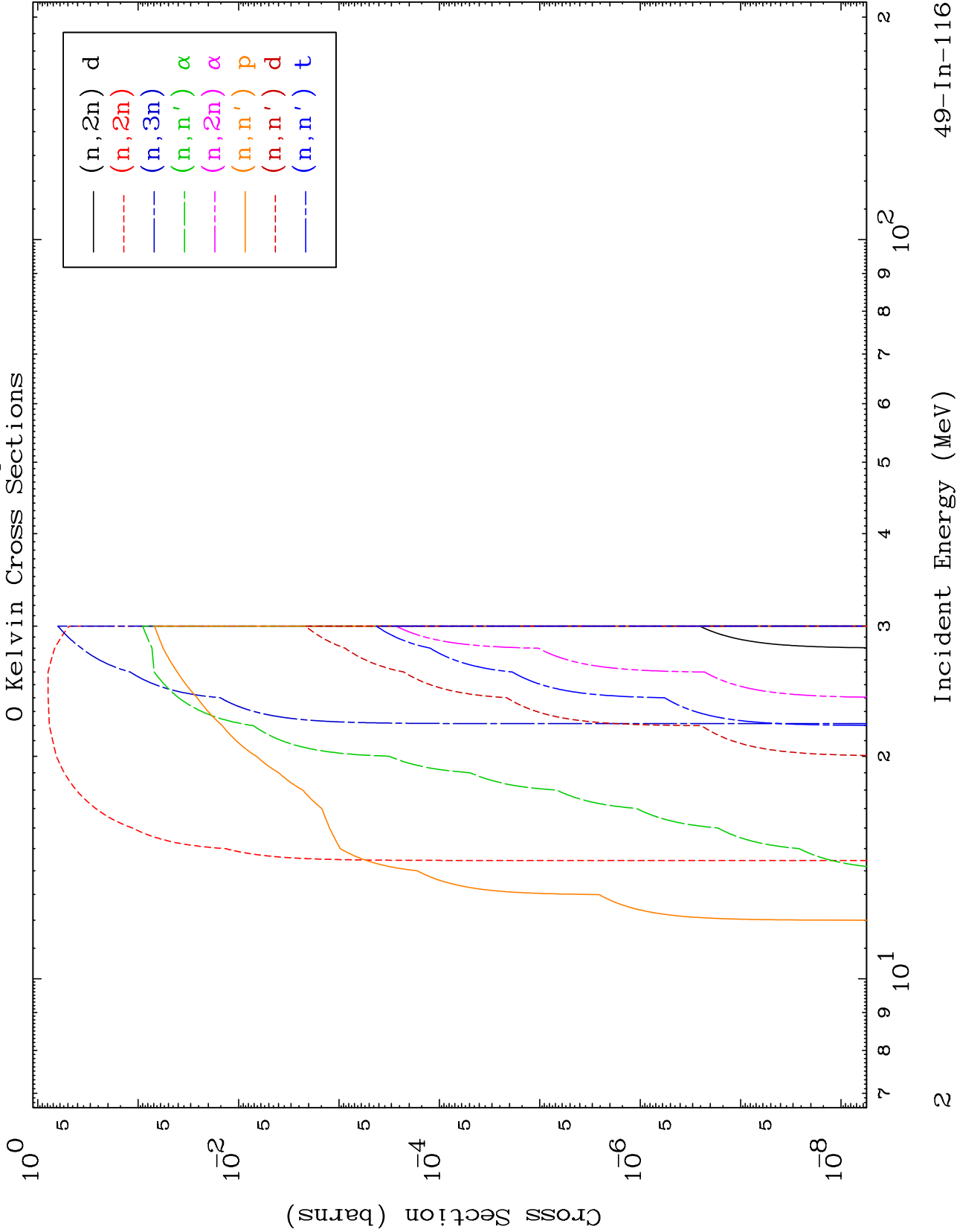
MAT 4934

$\alpha$  Major

49-In-116

0 Kelvin Cross Sections

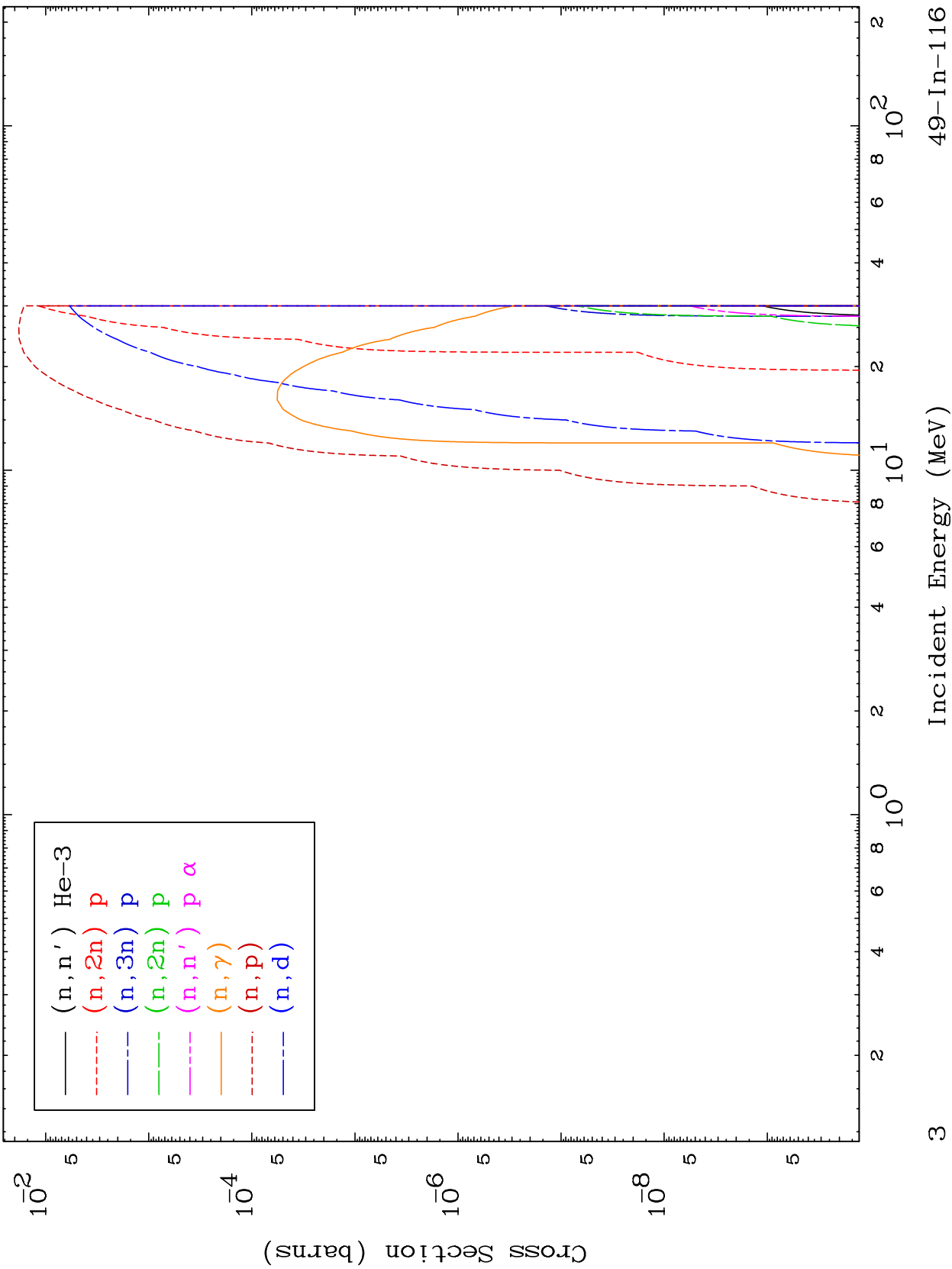




MAT 4934

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

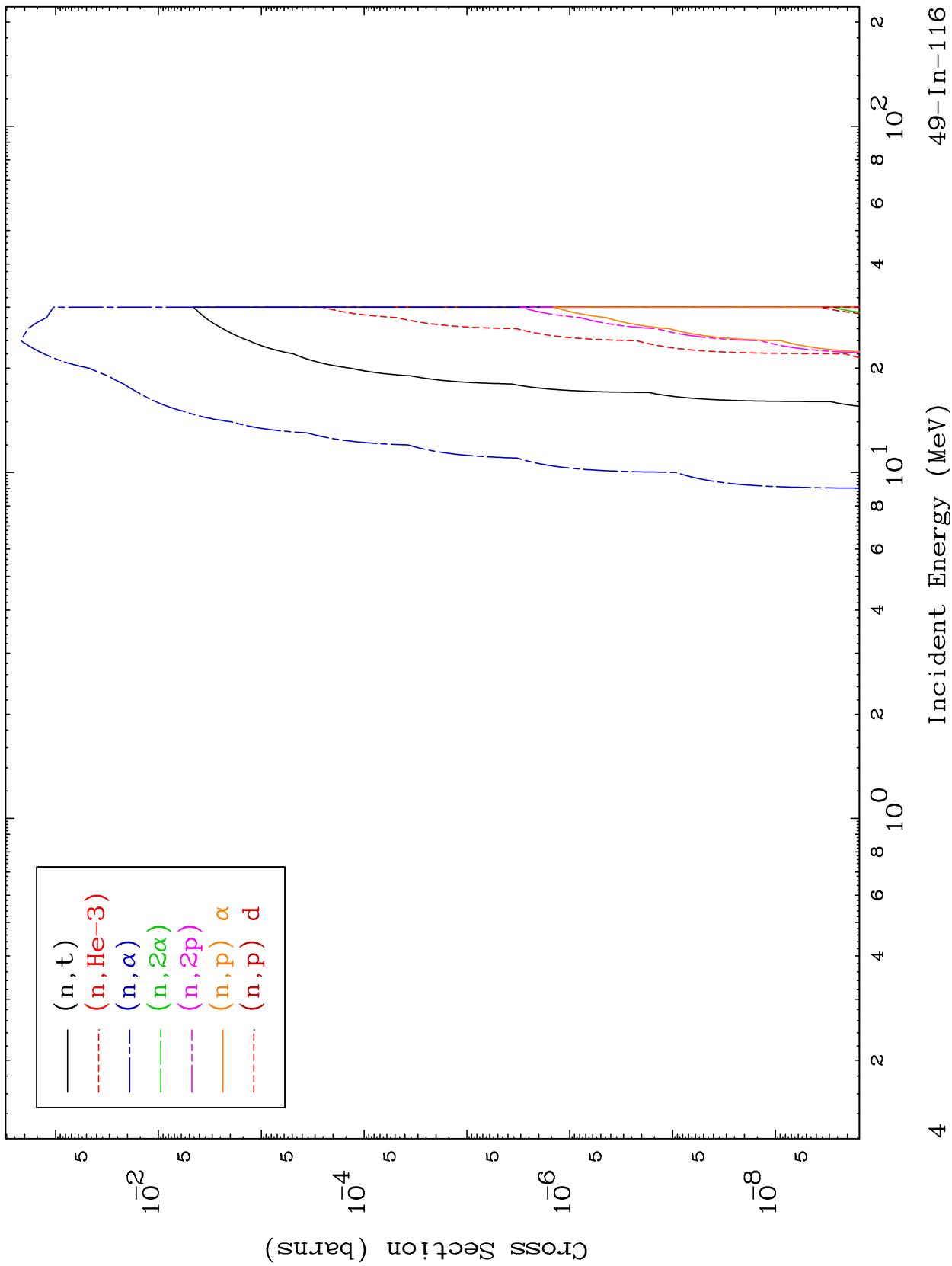
49-In-116

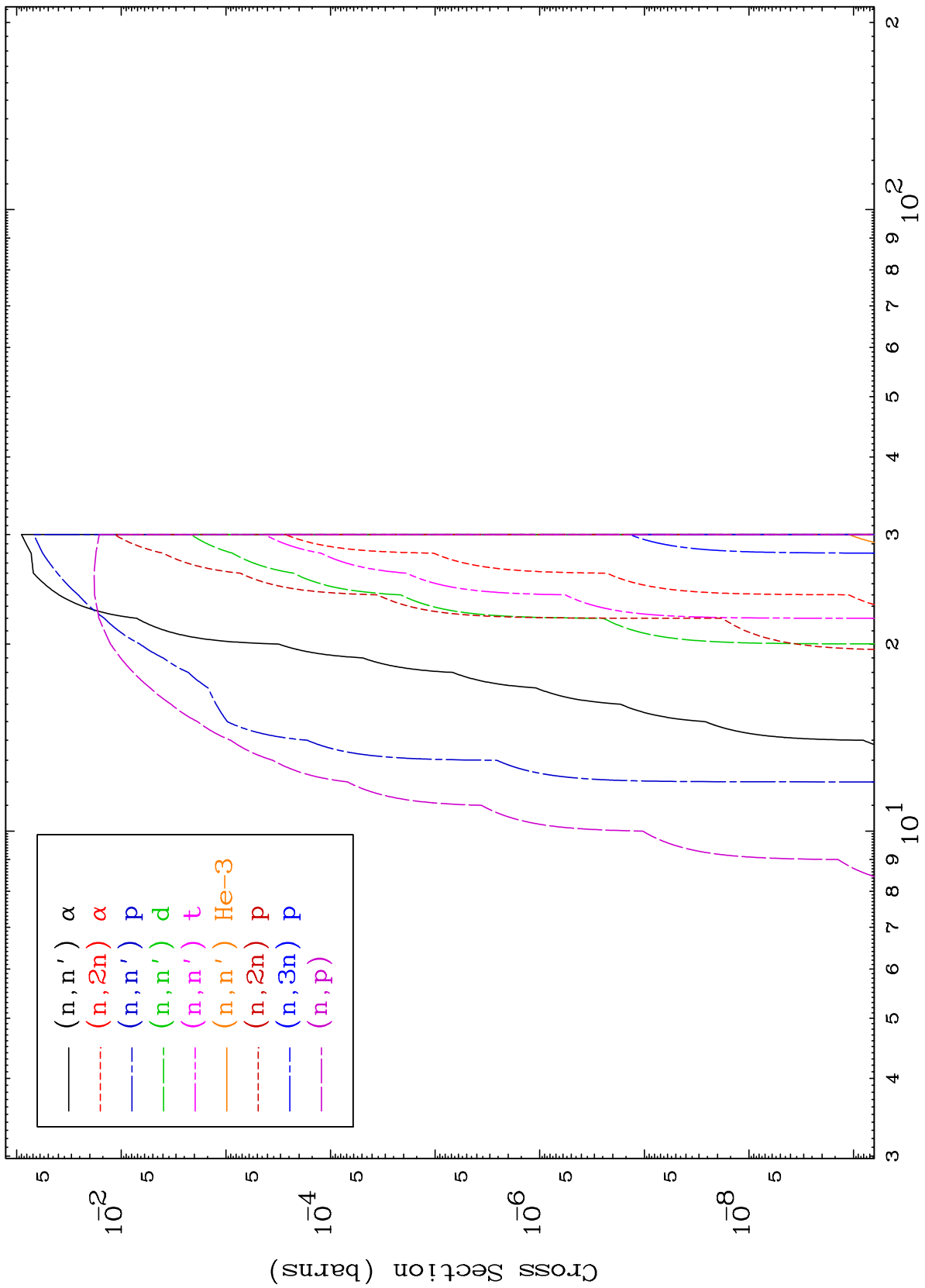


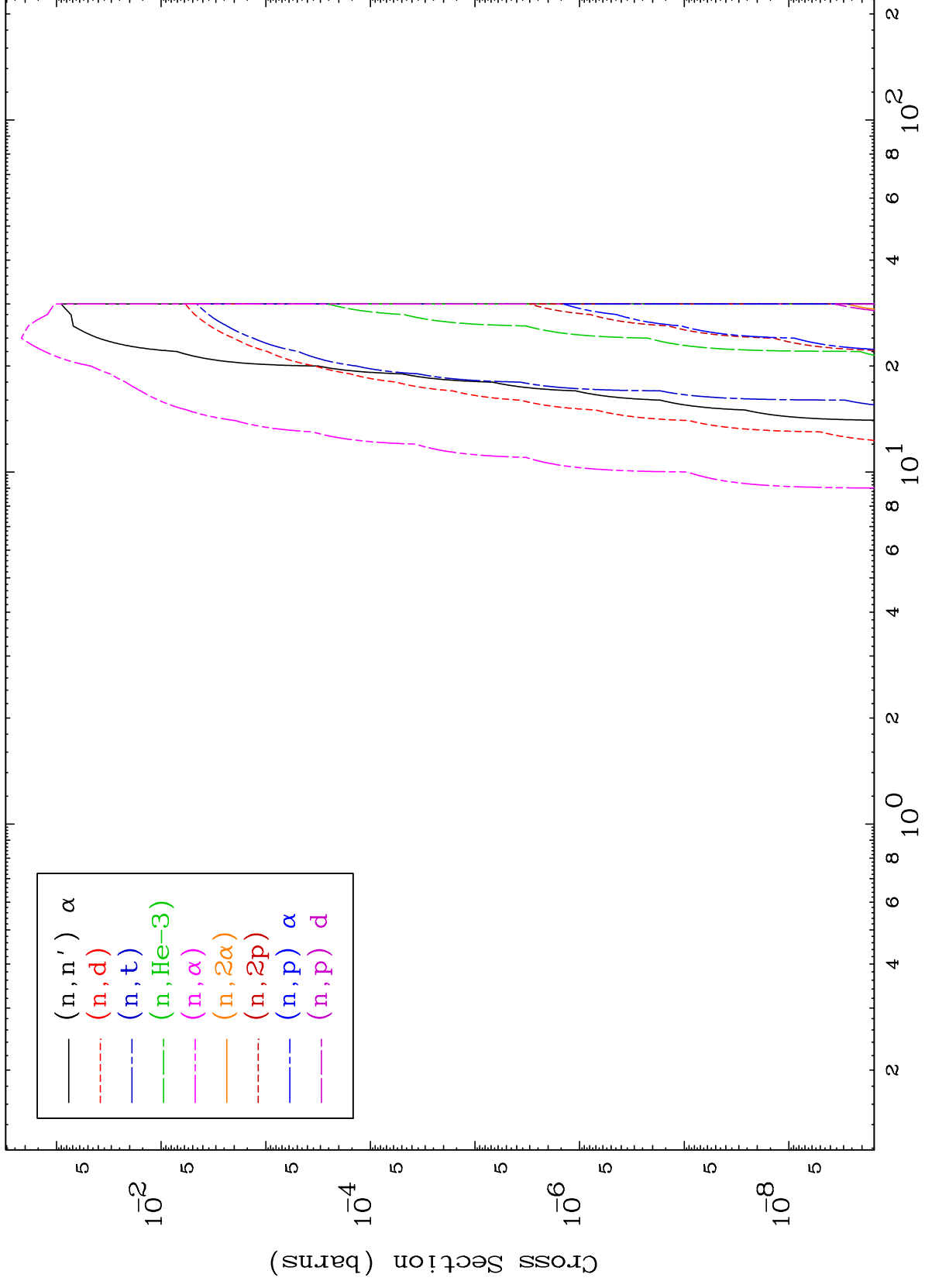
MAT 4934

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

49-In-116





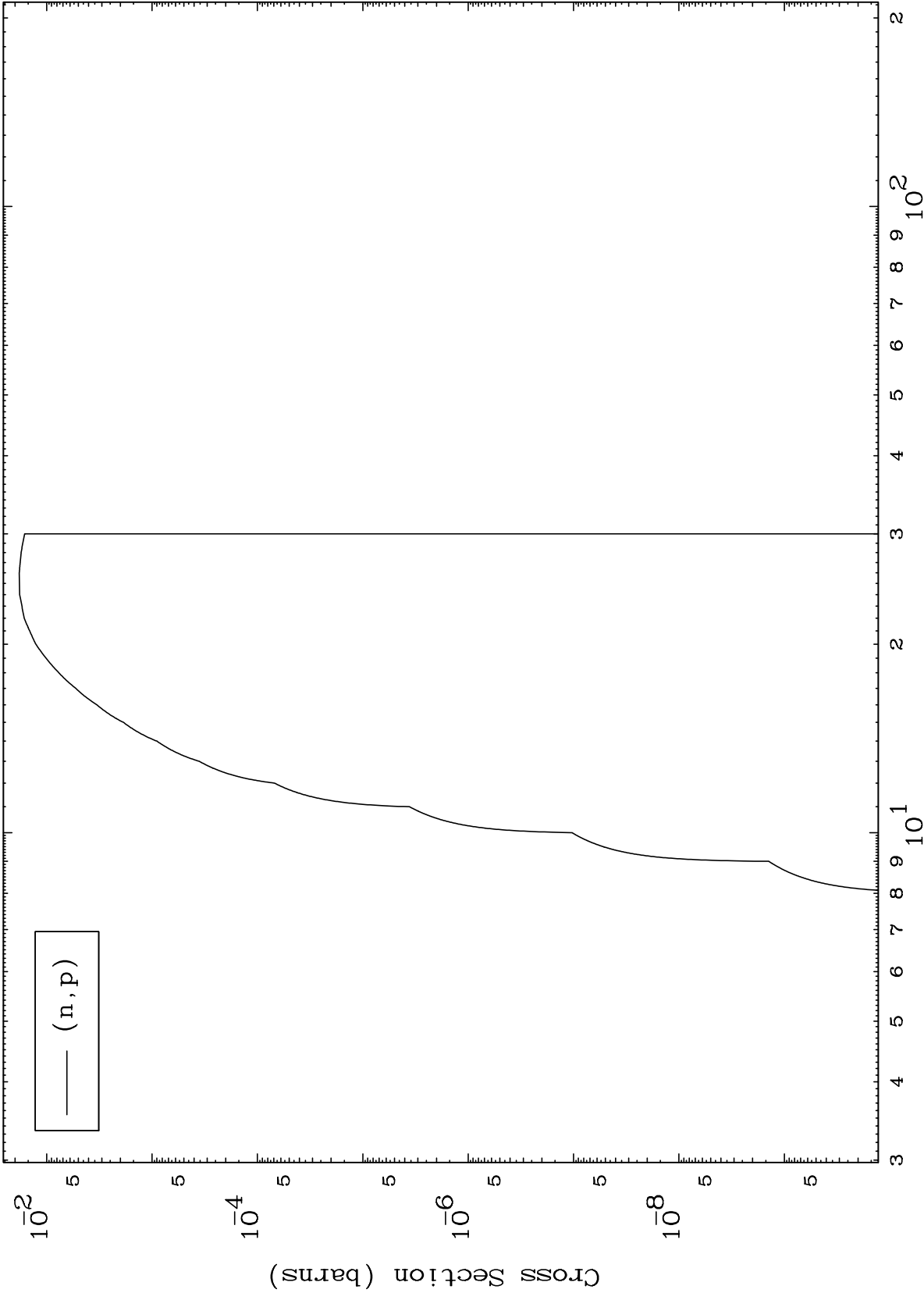


MAT 4934

( $\alpha, p$ ) Levels

49-In-116

0 Kelvin Cross Sections



7

Incident Energy (MeV)

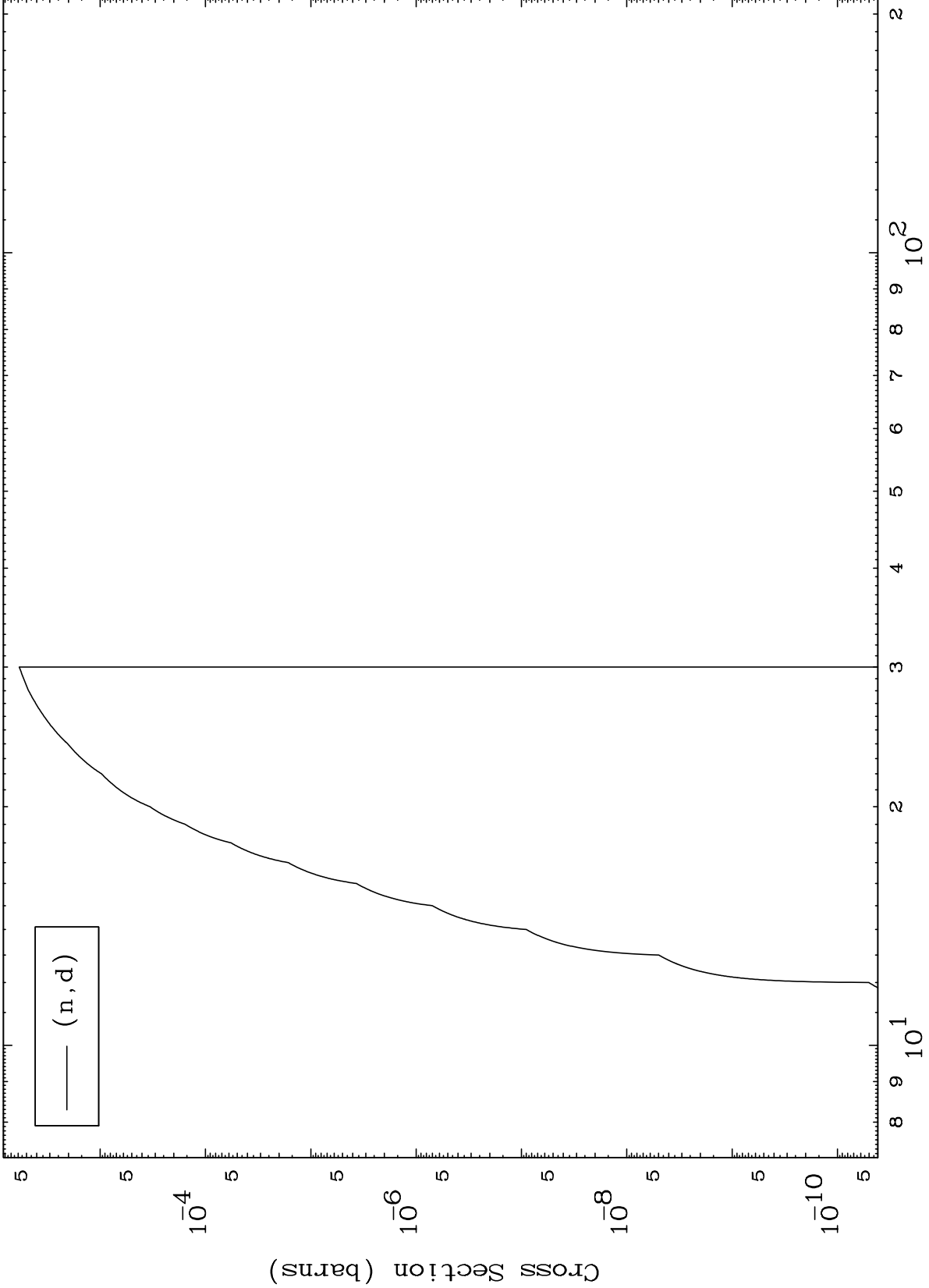
49-In-116



MAT 4934

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

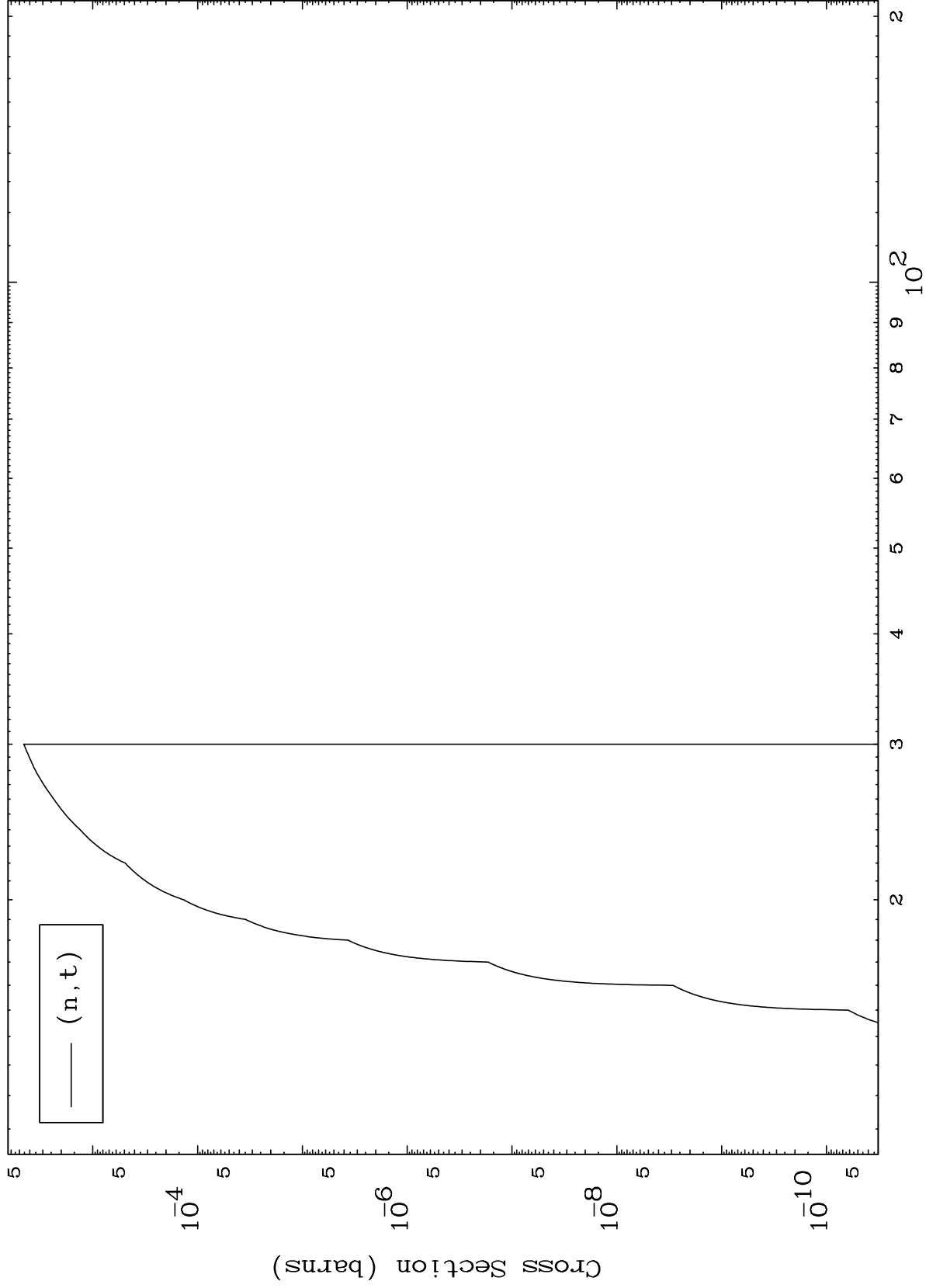
49-In-116



8

Incident Energy (MeV)

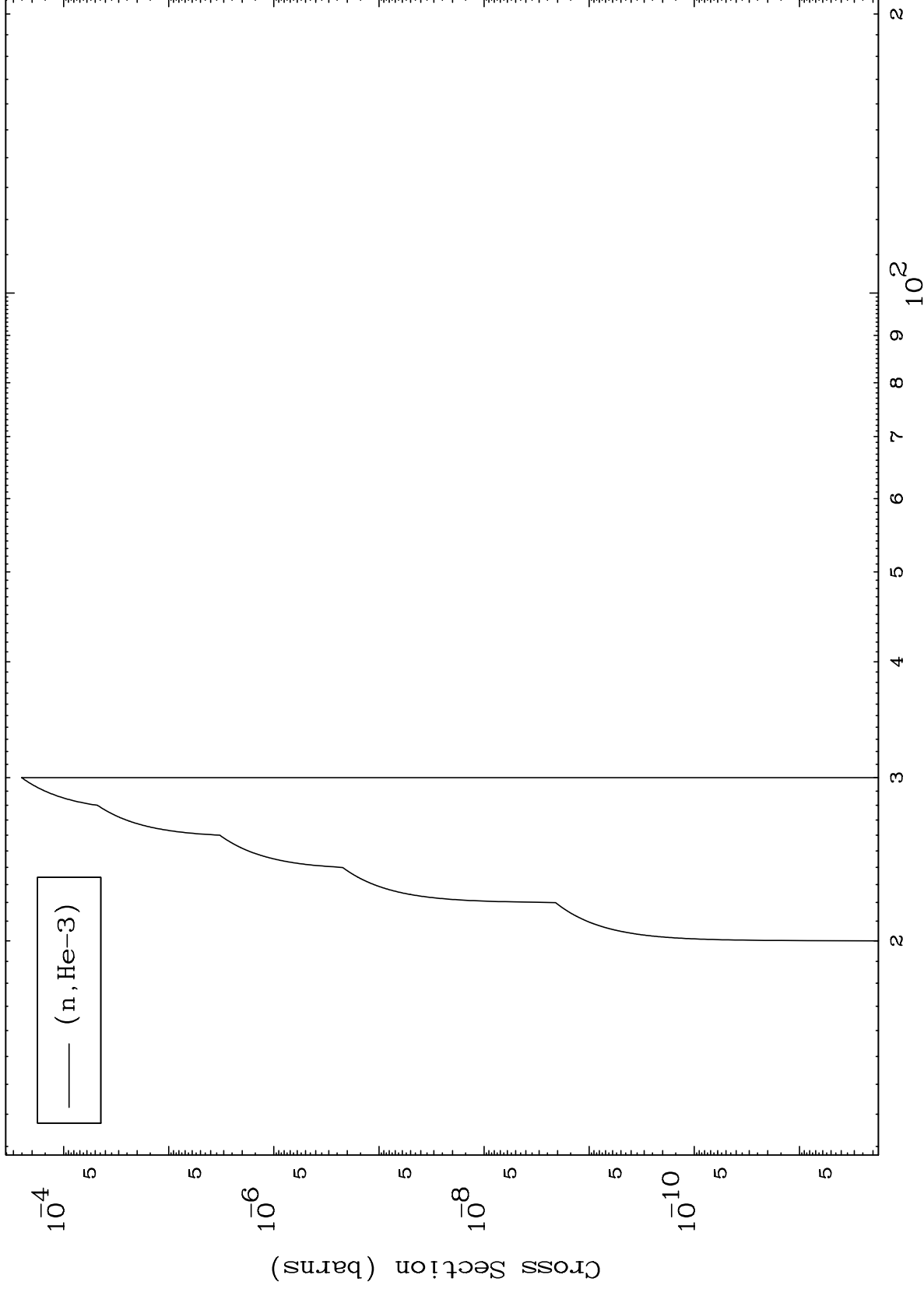
49-In-116



MAT 4934

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

49-In-116



10

Incident Energy (MeV)

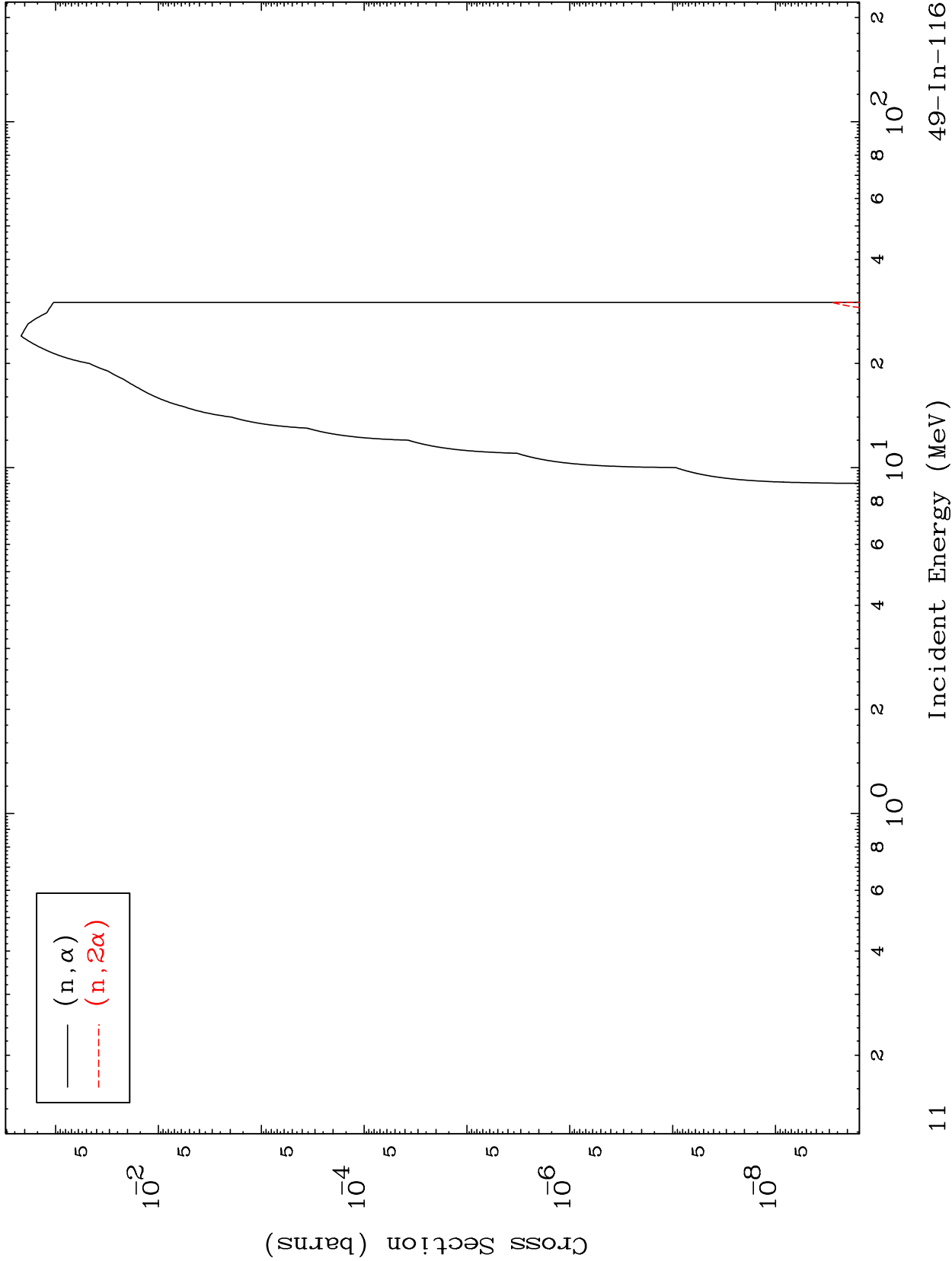
49-In-116

MAT 4934

( $\alpha, \alpha$ ) Levels

49-In-116

0 Kelvin Cross Sections

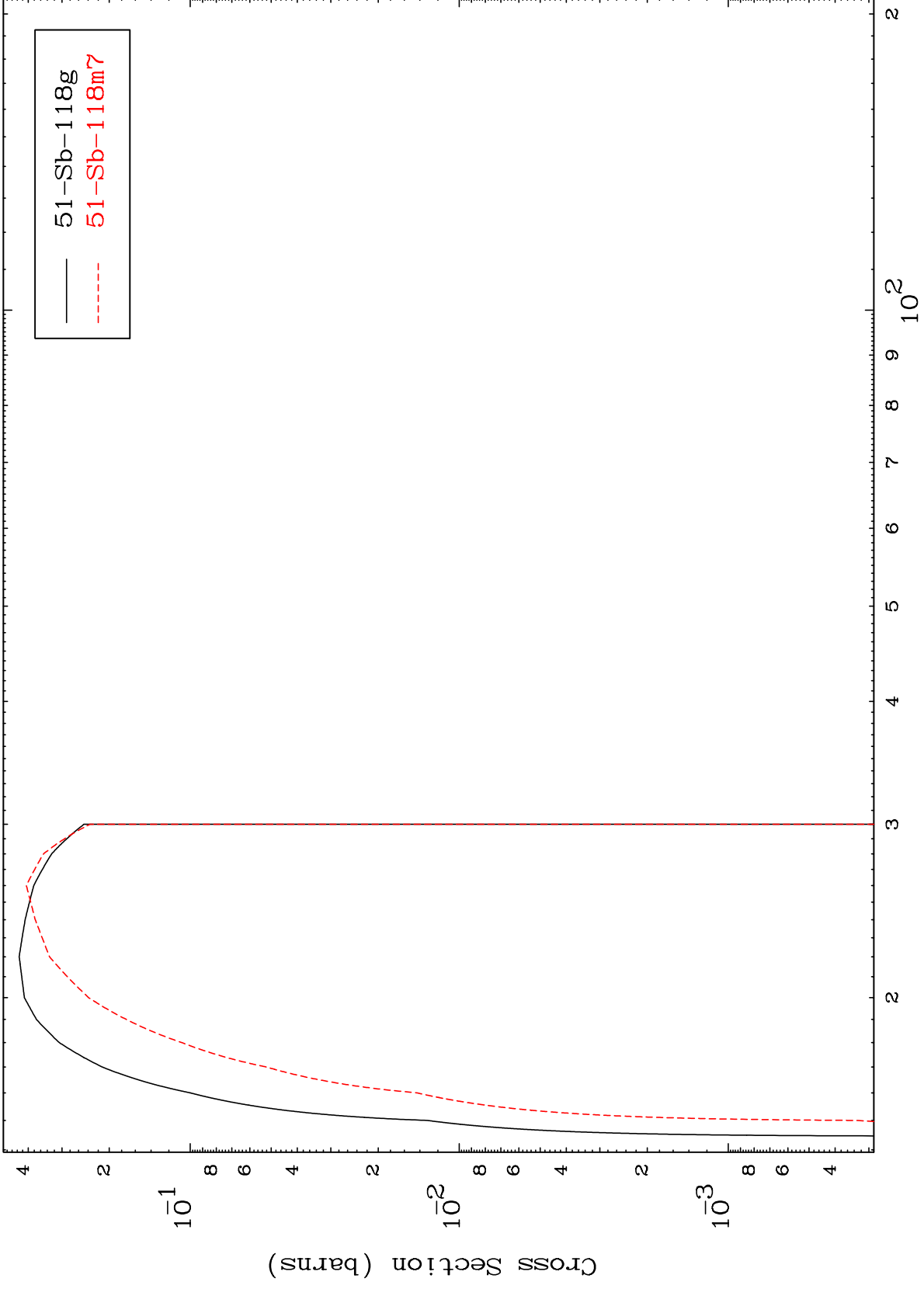


MAT 4934

(n,2n)

49-In-116

Radionuclide Production Cross Section



12

Incident Energy (MeV)

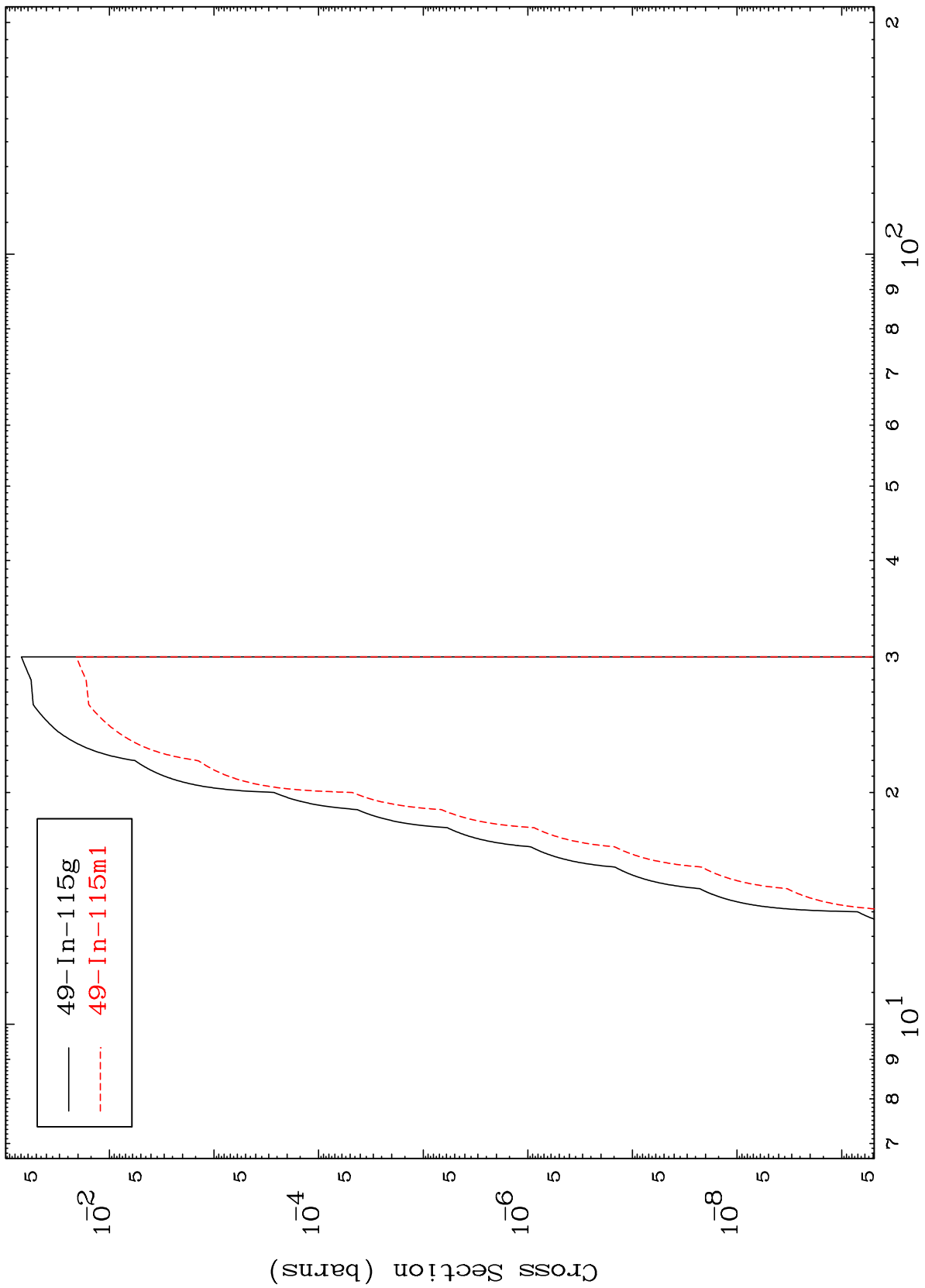
49-In-116

MAT 4934

(n,n')  $\alpha$

49-In-116

Radionuclide Production Cross Section



— 49-In-115g  
- - - 49-In-115m1

13

Incident Energy (MeV)

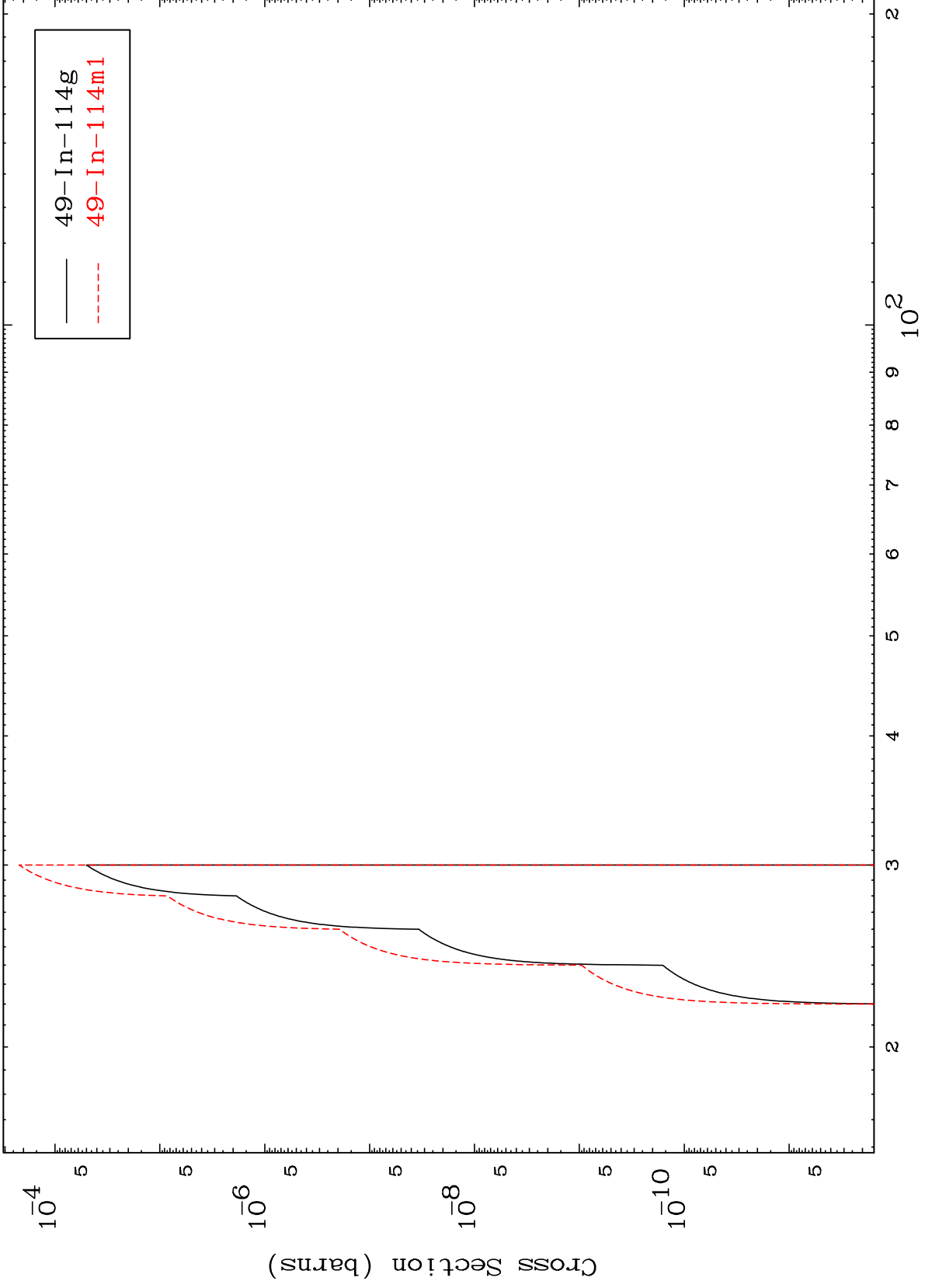
49-In-116

MAT 4934

(n,2n)  $\alpha$

49-In-116

Radionuclide Production Cross Section



14

Incident Energy (MeV)

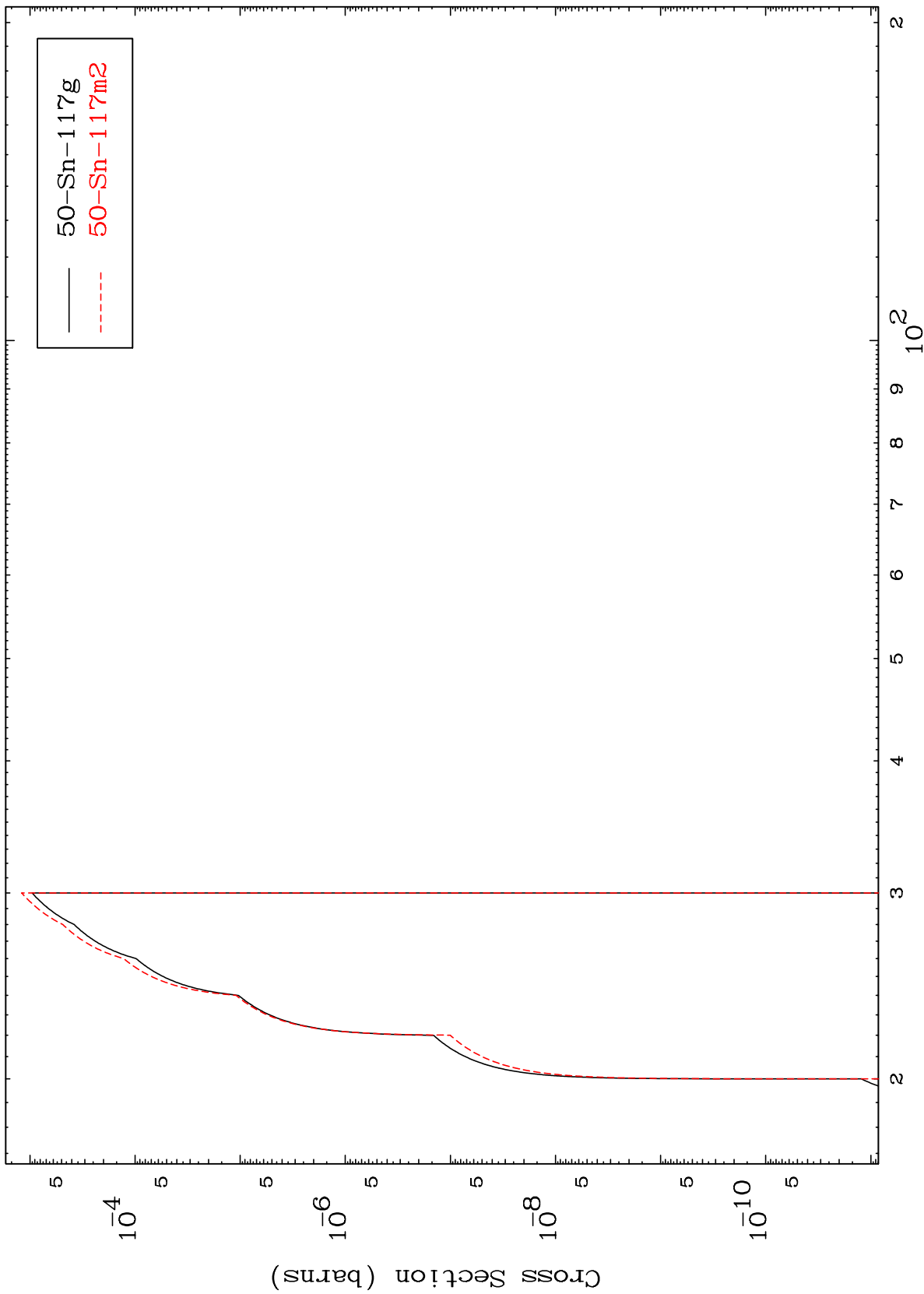
49-In-116

MAT 4934

(n,n') d

49-In-116

Radionuclide Production Cross Section



15

Incident Energy (MeV)

49-In-116

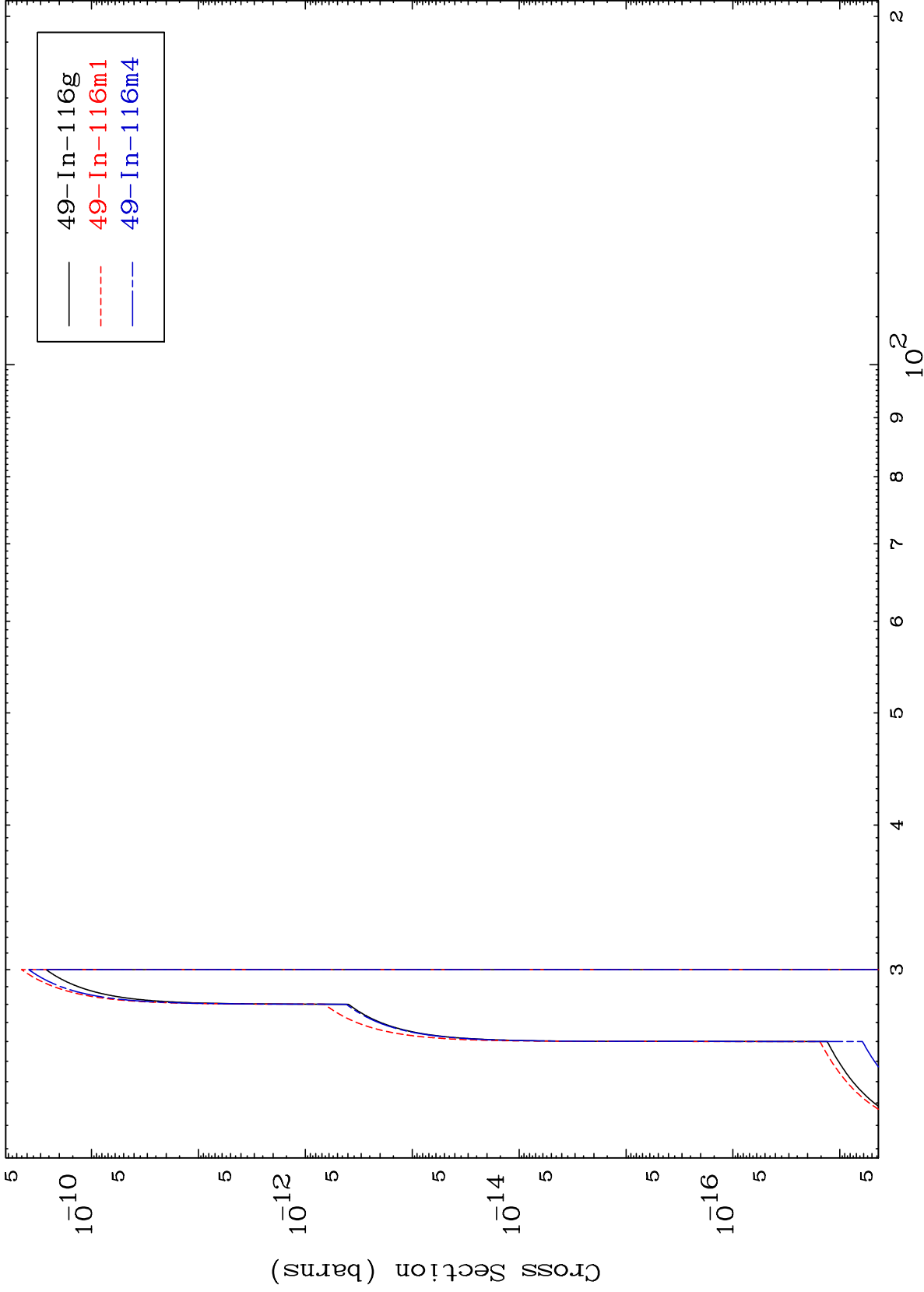


MAT 4934

(n,n') He-3

49-In-116

Radionuclide Production Cross Section



16

Incident Energy (MeV)

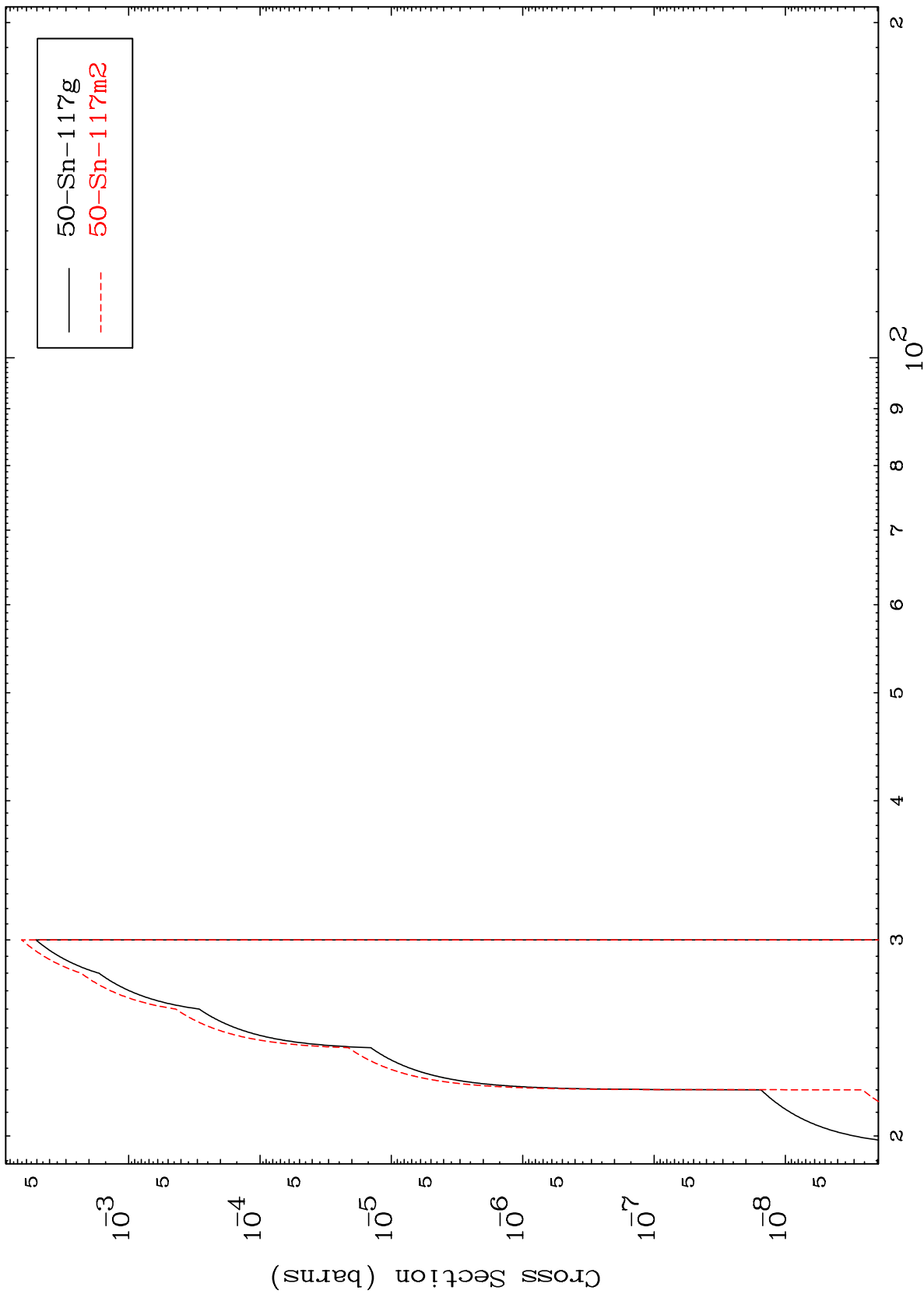
49-In-116

MAT 4934

(n,2n) p

49-In-116

Radionuclide Production Cross Section



17

Incident Energy (MeV)

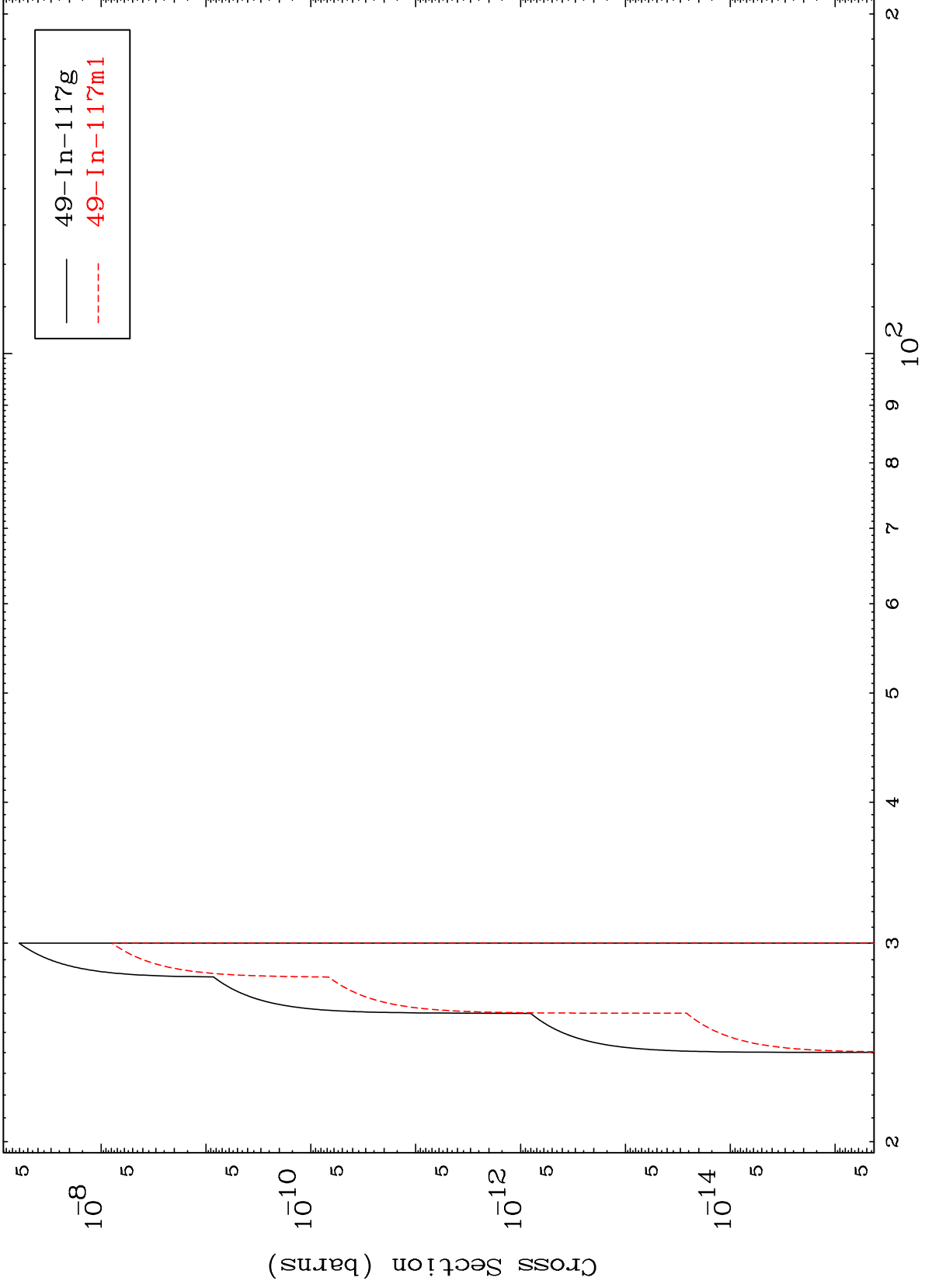
49-In-116

MAT 4934

(n,2n) p

49-In-116

Radionuclide Production Cross Section



18

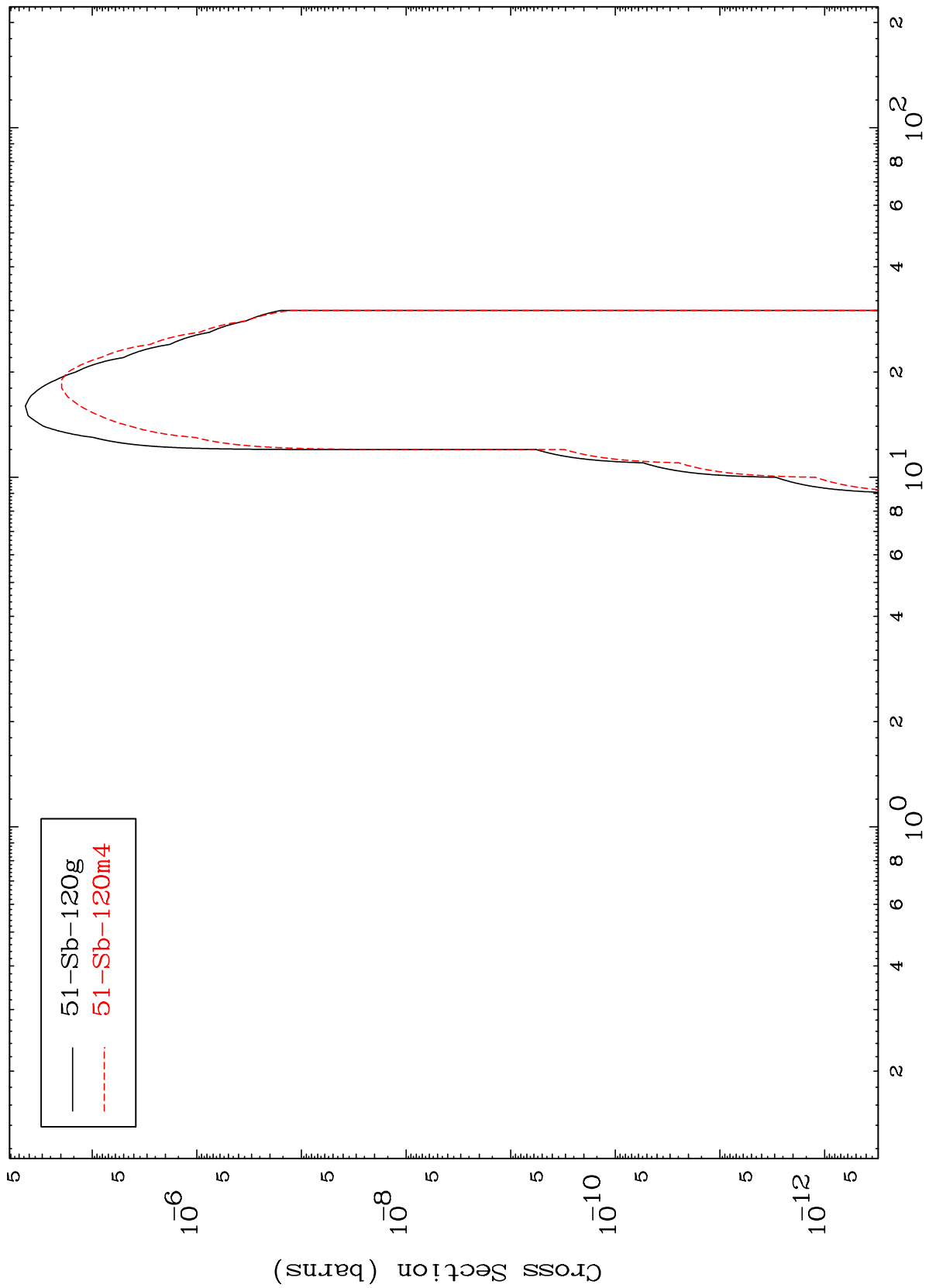
Incident Energy (MeV)

49-In-116

MAT 4934

49-In-116

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

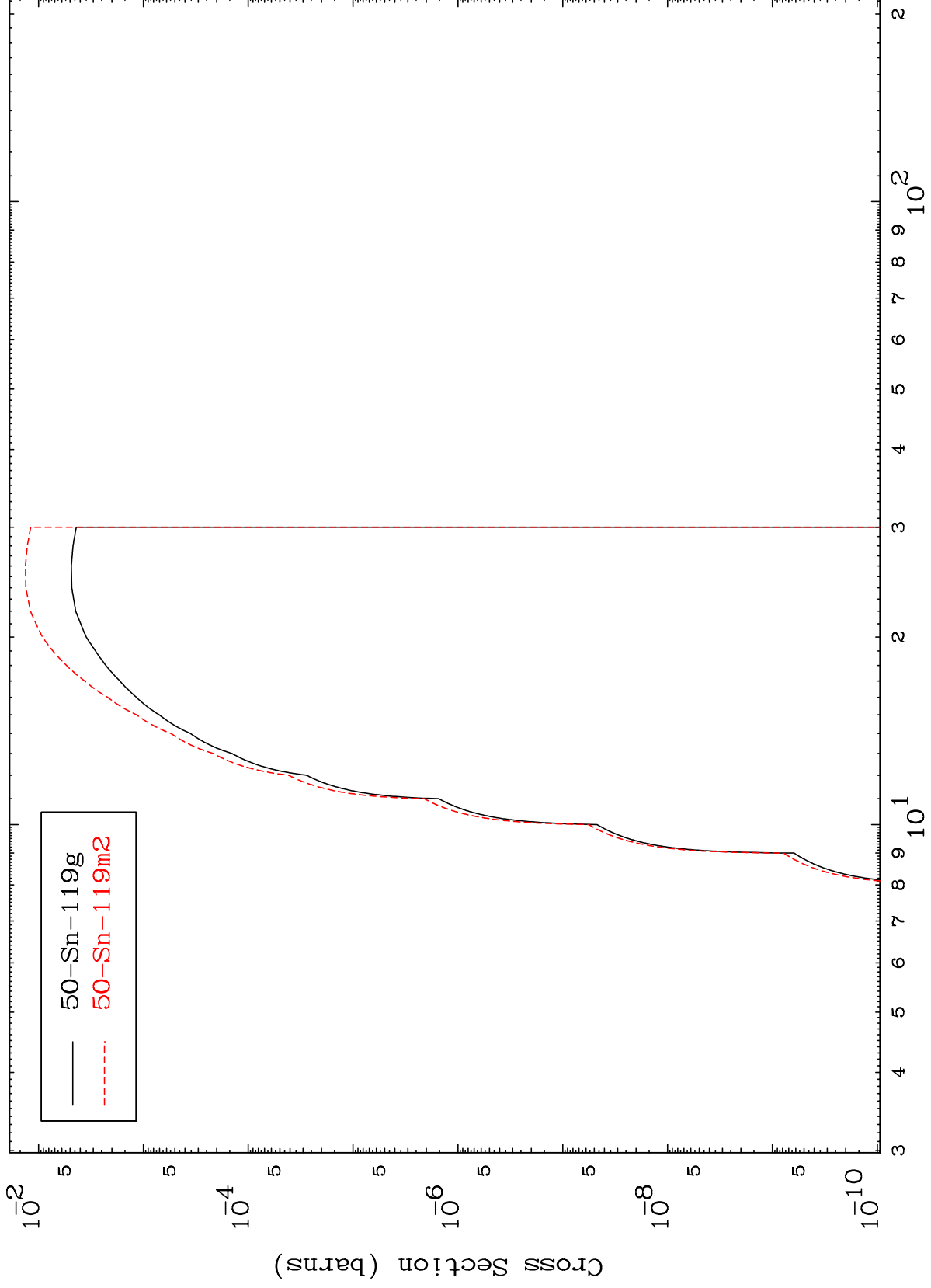


— 51-Sb-120g  
- - - 51-Sb-120m4

MAT 4934

49-In-116

(n,p)  
Radionuclide Production Cross Section

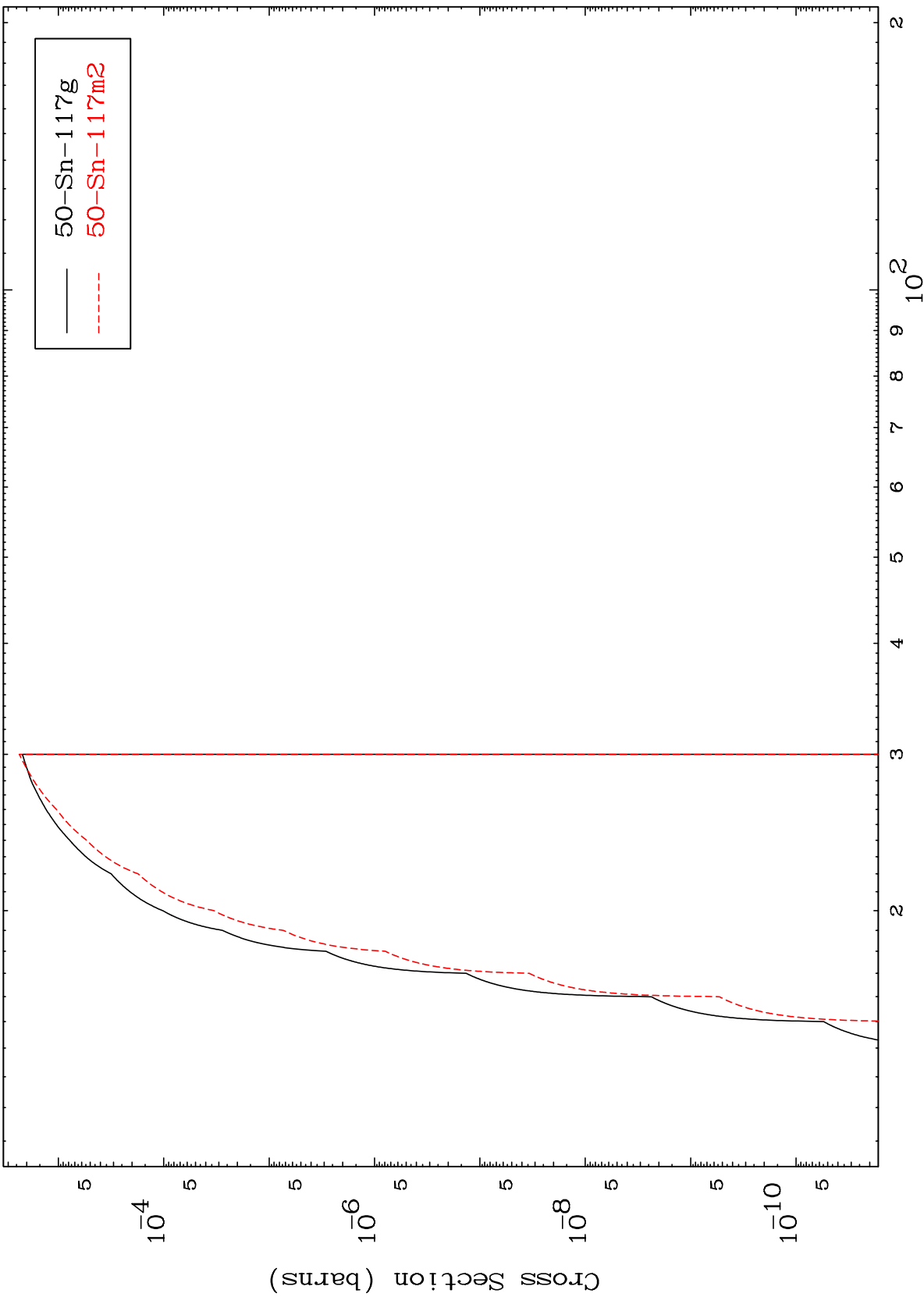


20

Incident Energy (MeV)

49-In-116

(n,t)  
Radionuclide Production Cross Section

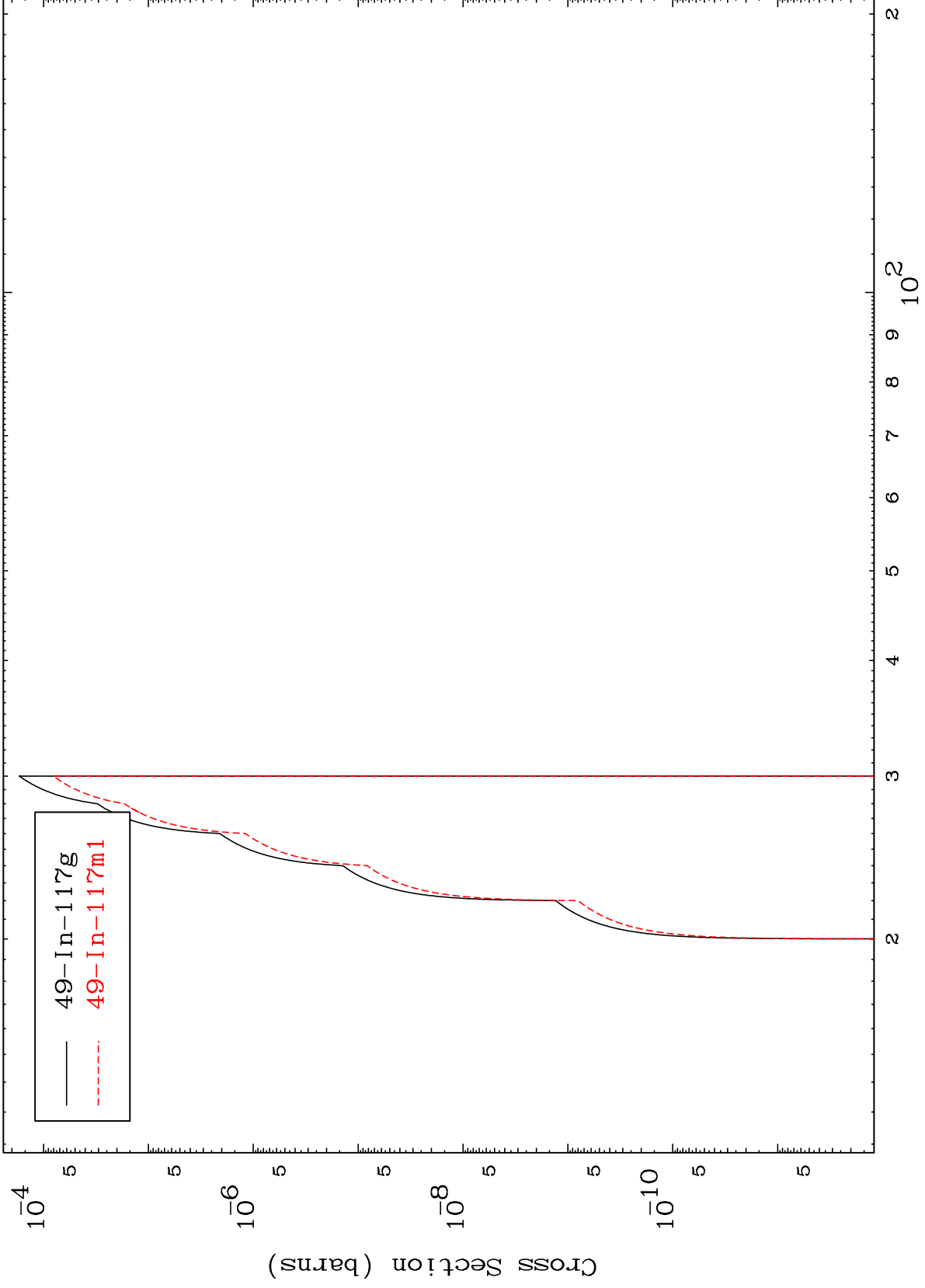


MAT 4934

(n,He-3)

49-In-116

Radionuclide Production Cross Section



22

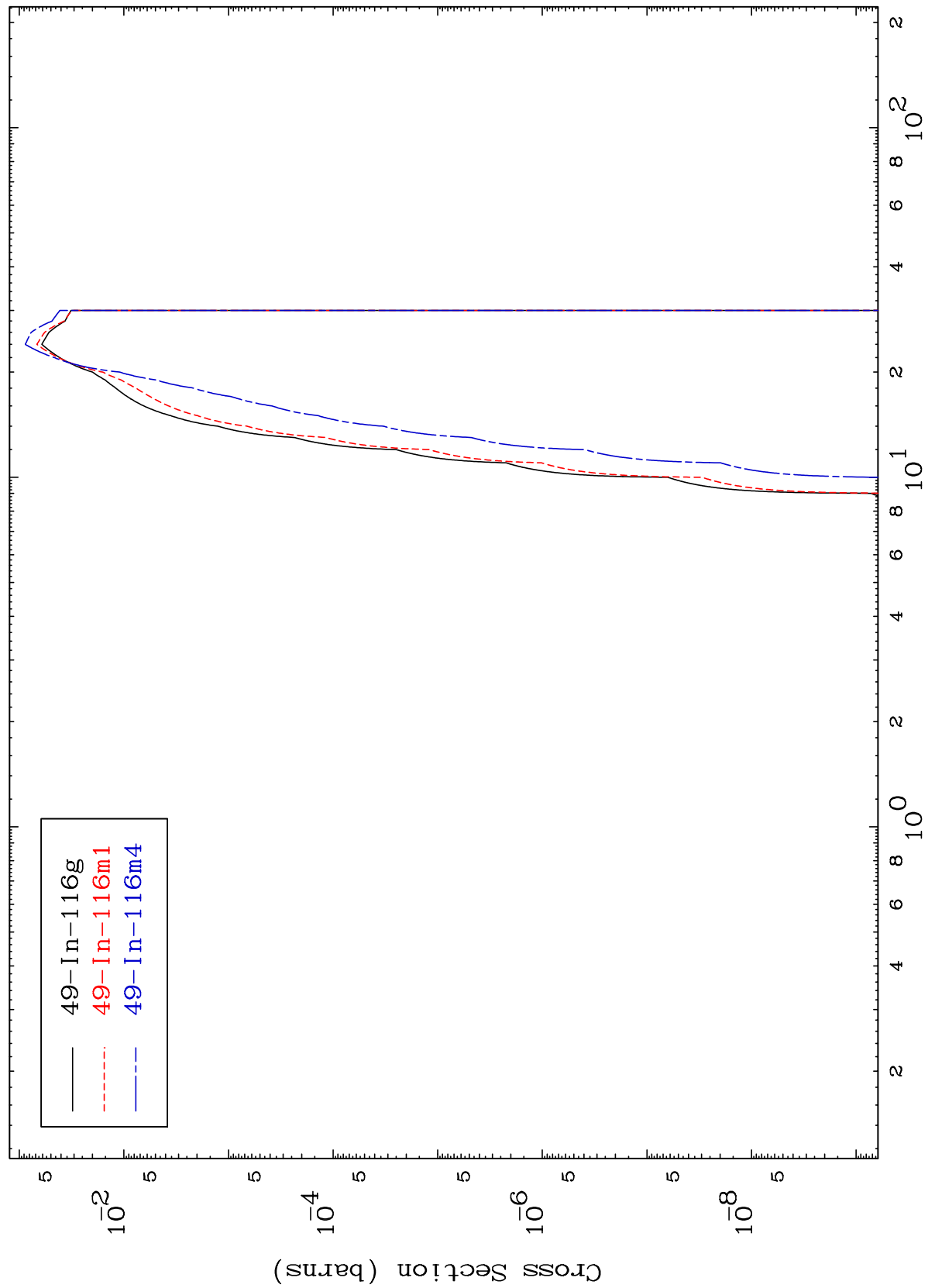
Incident Energy (MeV)

49-In-116

MAT 4934

49-In-116

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

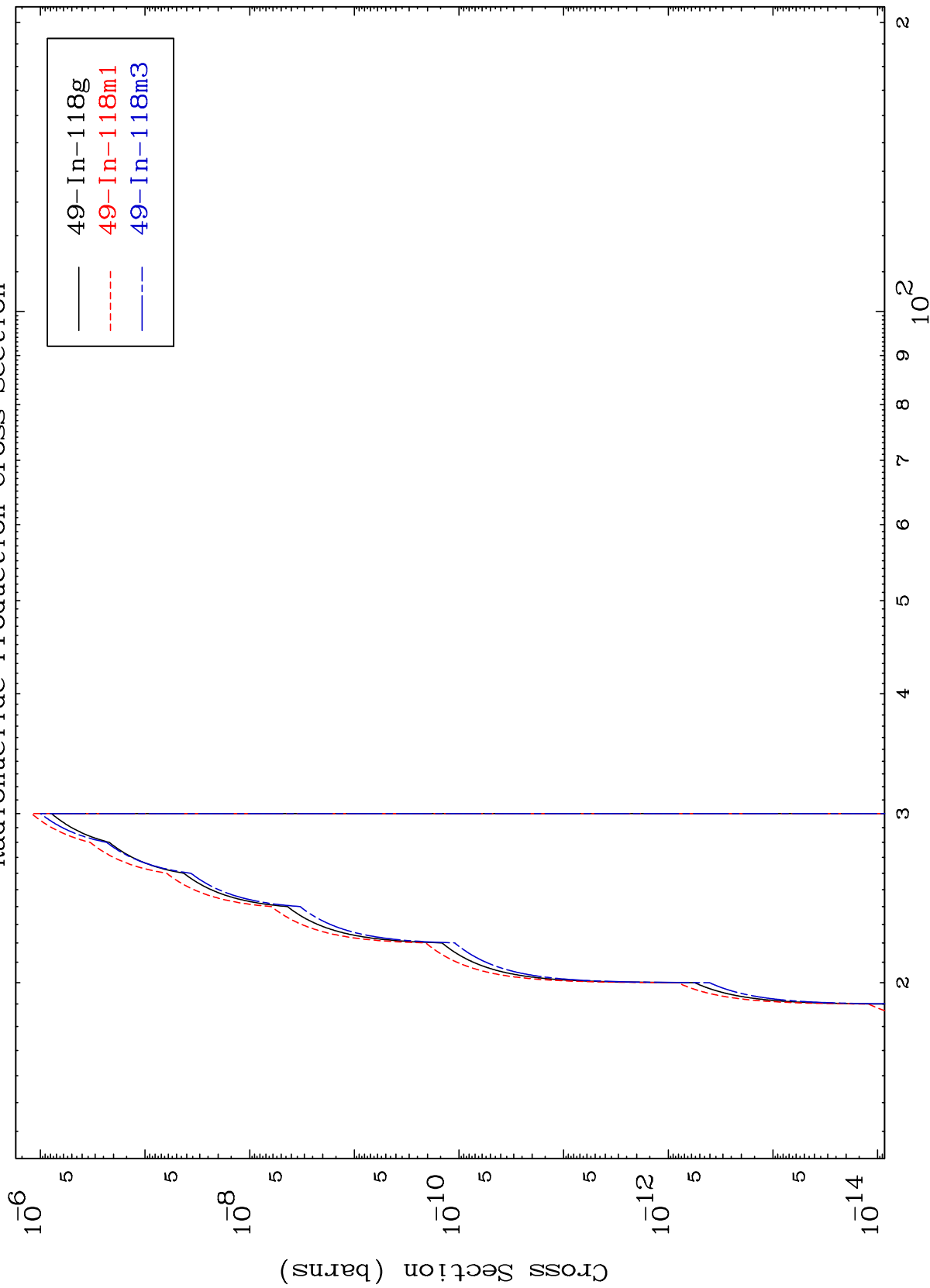




MAT 4934

49-In-116

(n,2p)  
Radionuclide Production Cross Section



24

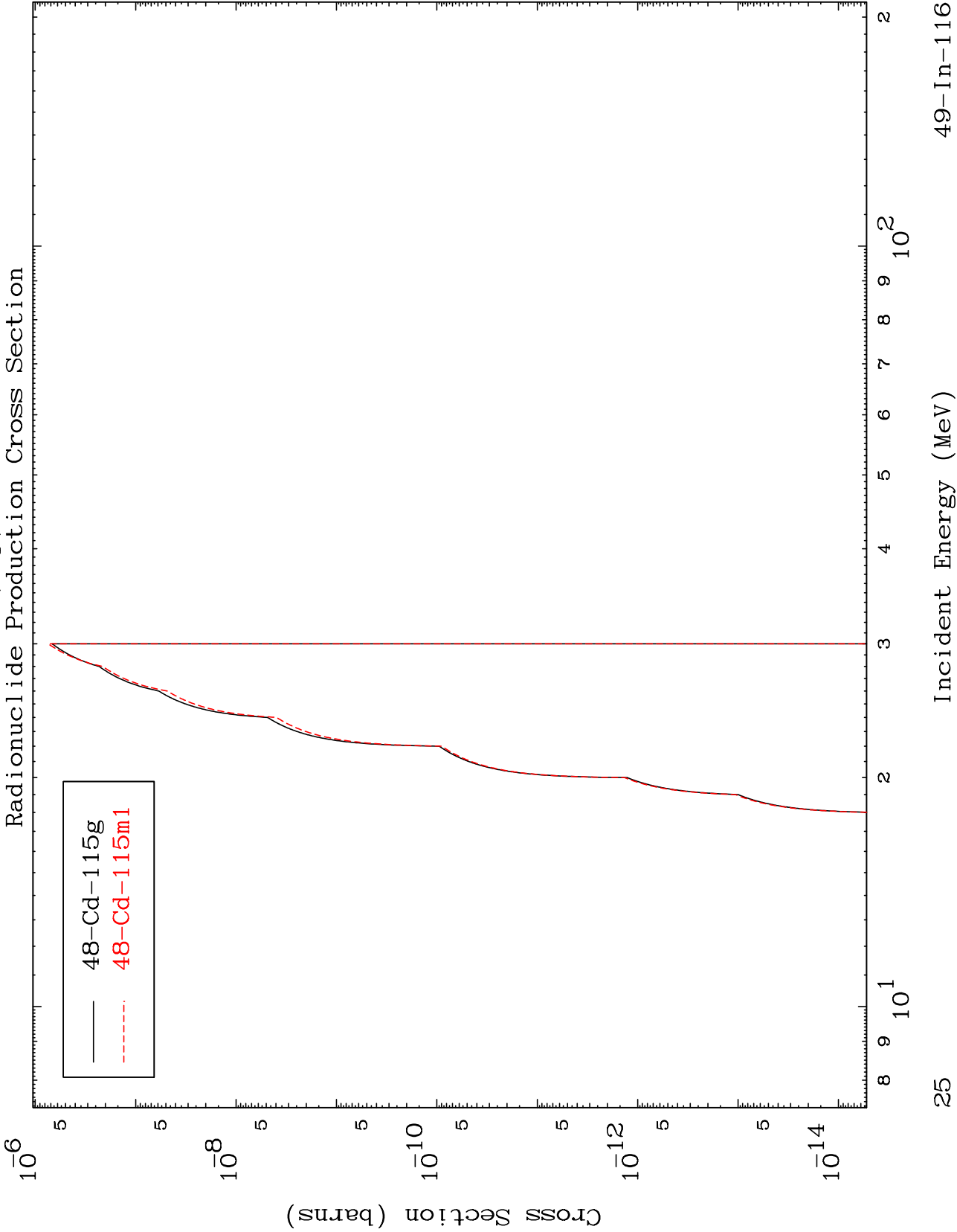
49-In-116

Incident Energy (MeV)

MAT 4934

(n,p)  $\alpha$

49-In-116



Radionuclide Production Cross Section

