

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

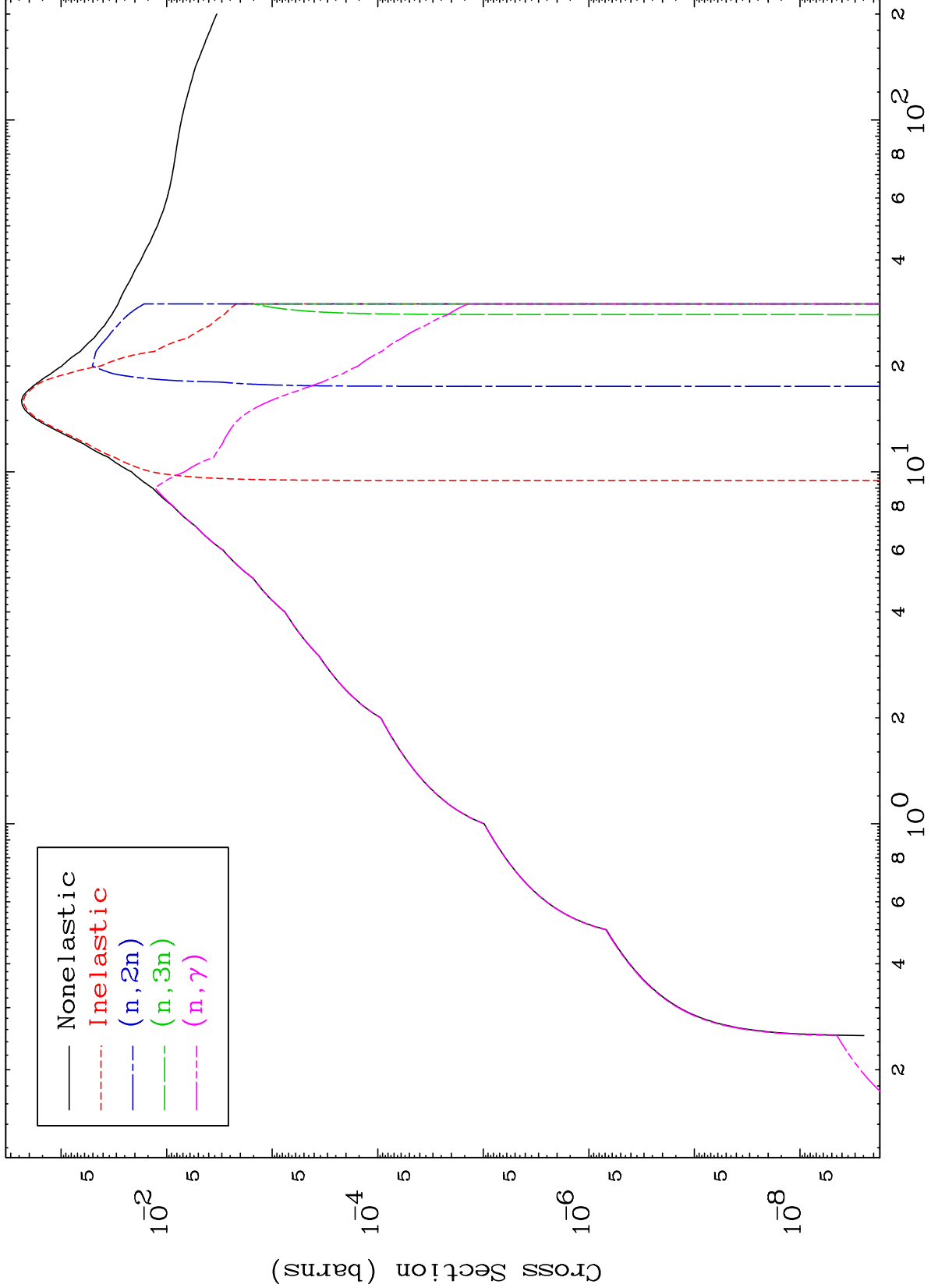
Press Mouse Button to Start

MAT 4920

Photon Major

49-In-111m

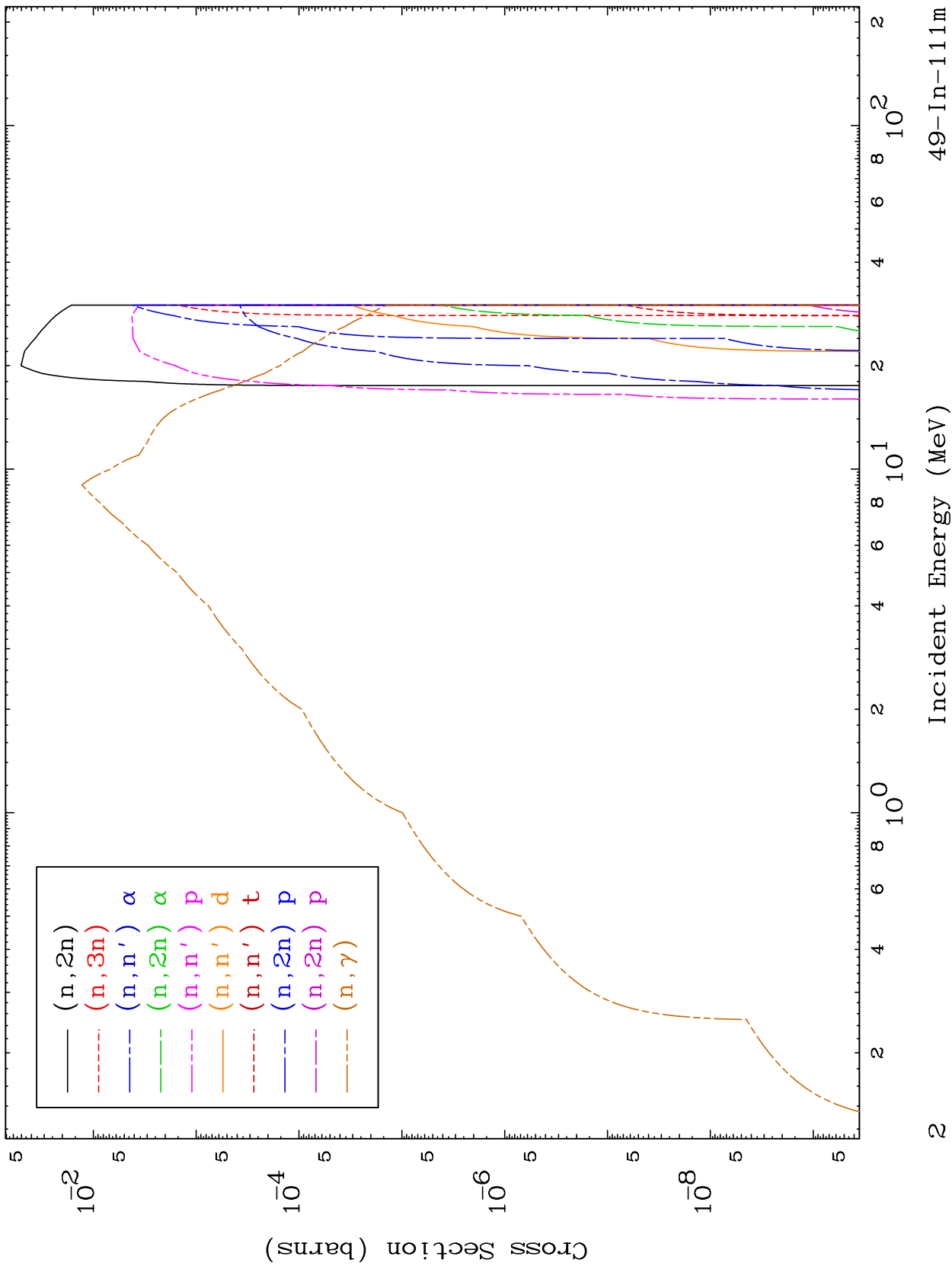
0 Kelvin Cross Sections



MAT 4920

Photon Neutron Absorption  
0 Kelvin Cross Sections

49-In-111m



49-In-111m

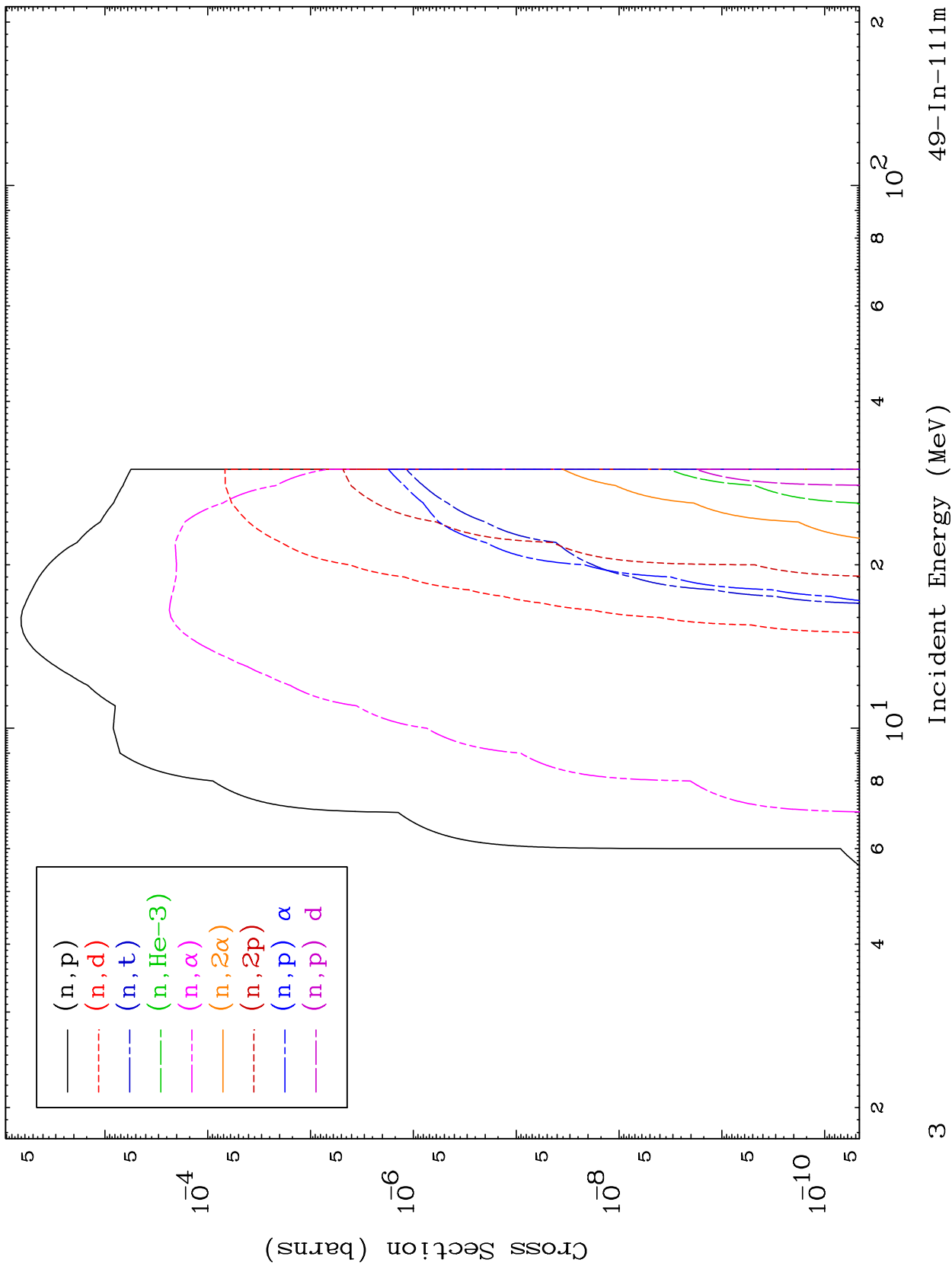
Incident Energy (MeV)

2

MAT 4920

Photon Neutron Absorption  
0 Kelvin Cross Sections

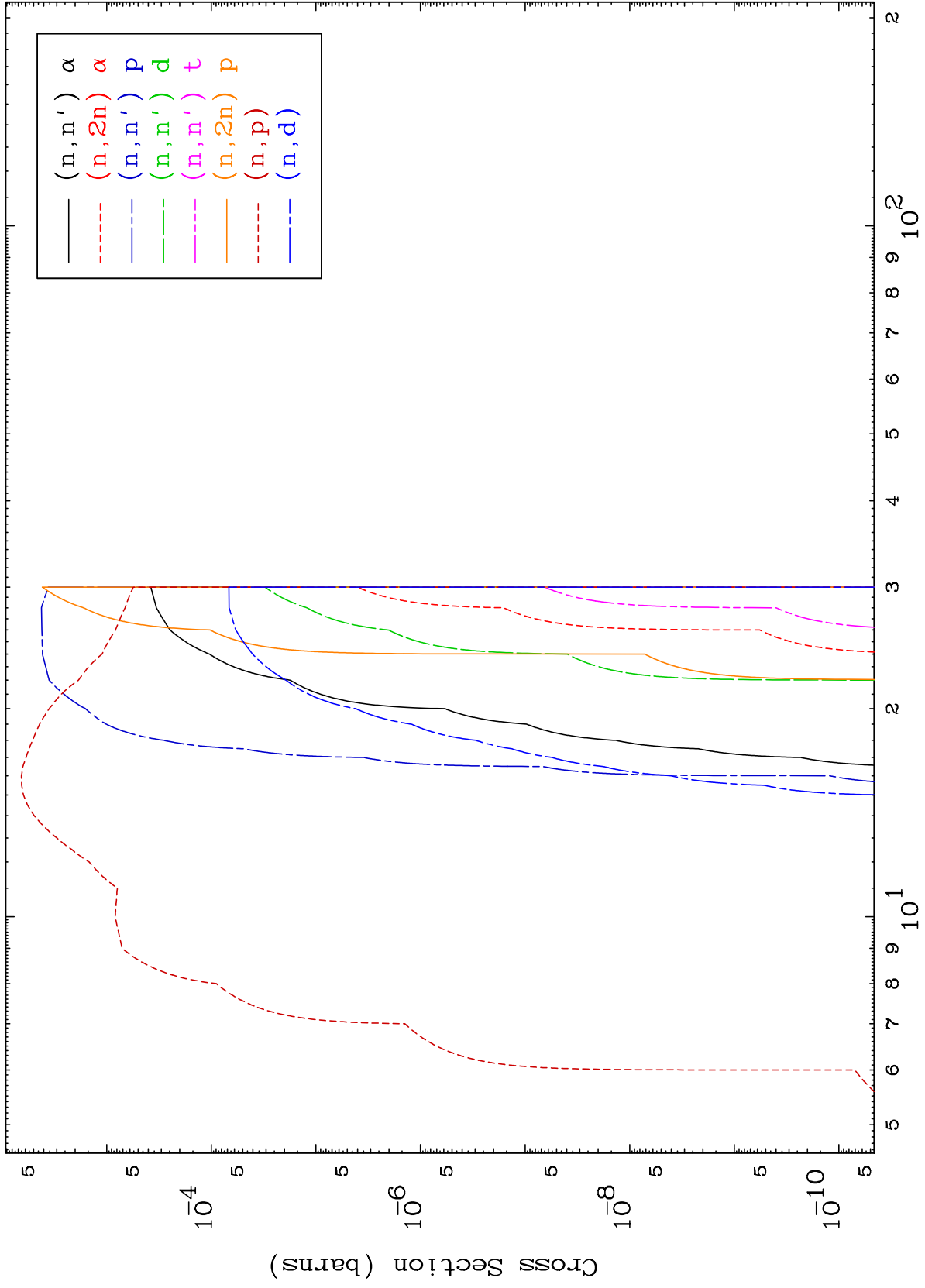
49-In-111m



MAT 4920

Photon Charged Particle  
0 Kelvin Cross Sections

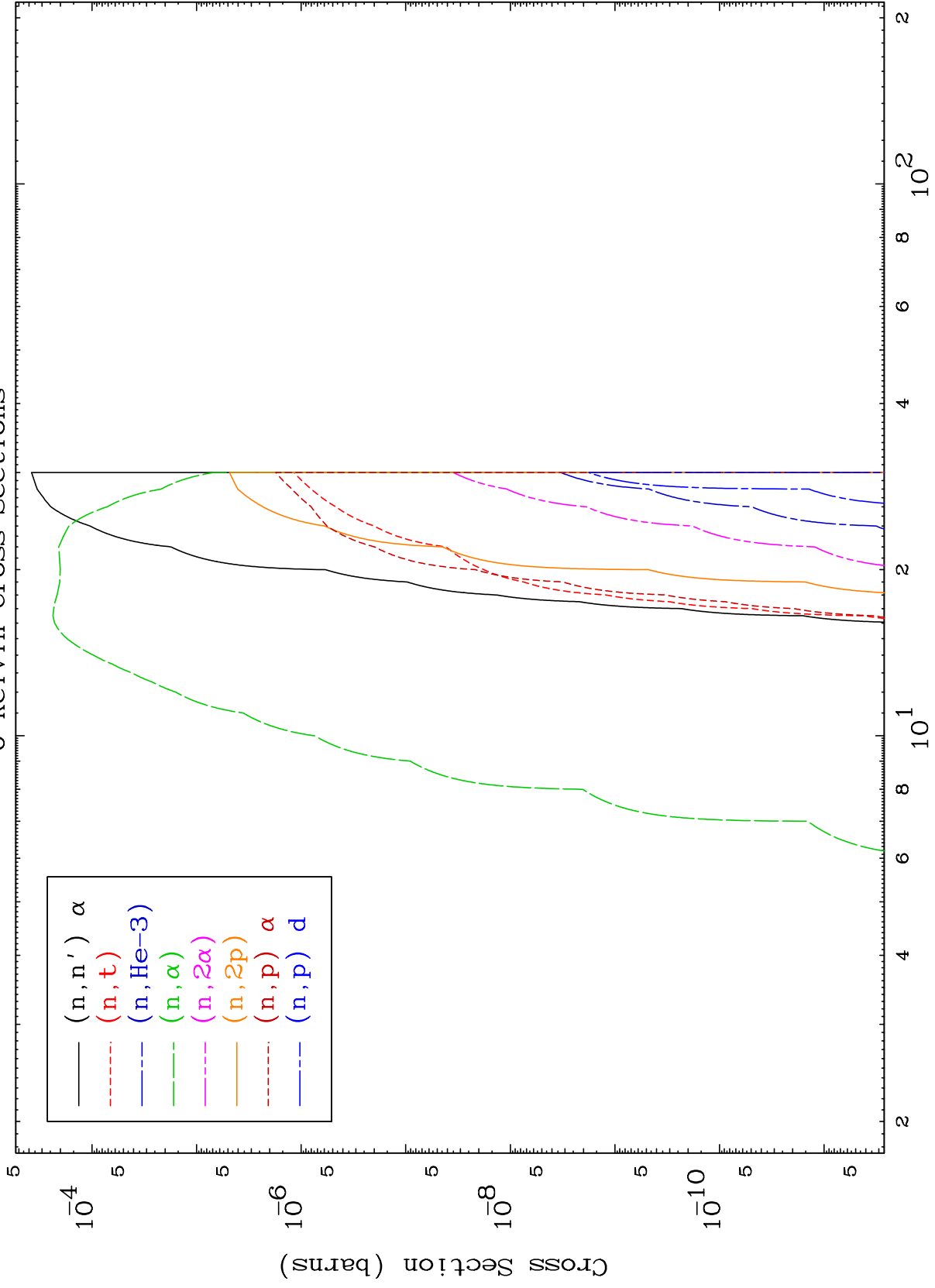
49-In-111m



MAT 4920

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-111m



5

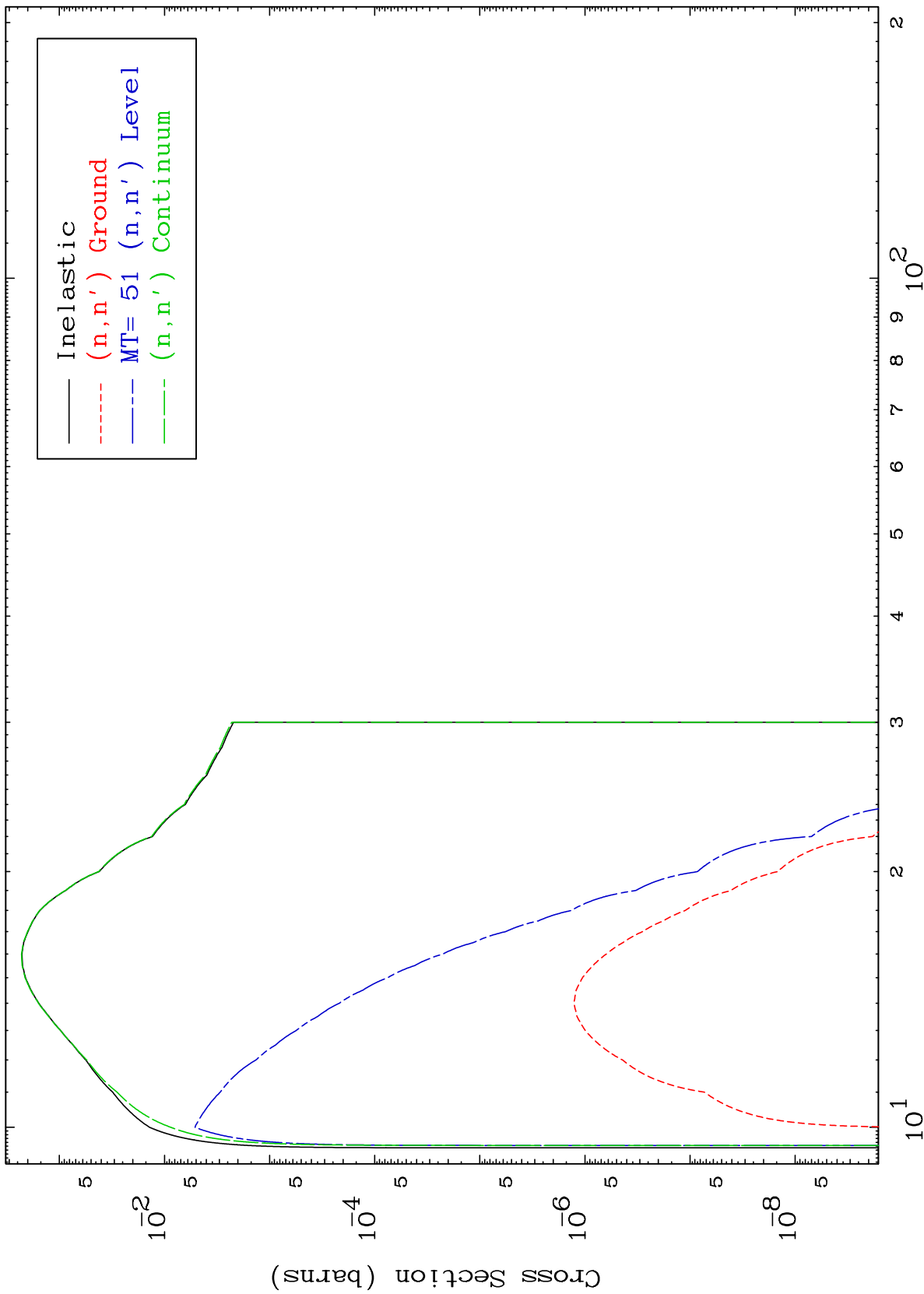
Incident Energy (MeV)

49-In-111m

MAT 4920

49-In-111m

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



49-In-111m

Incident Energy (MeV)

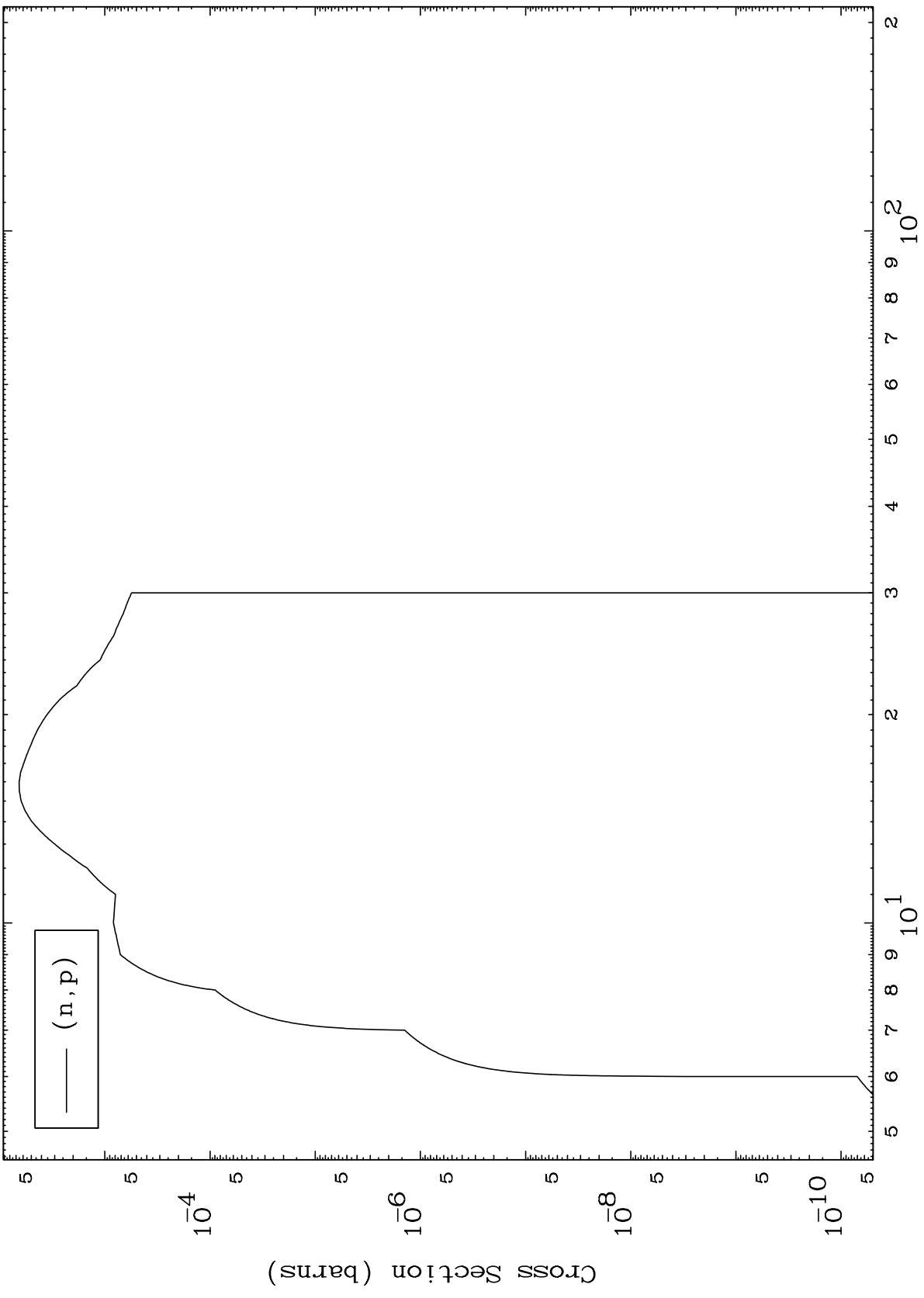
6

MAT 4920

( $\gamma, p$ ) Levels

49-In-111m

0 Kelvin Cross Sections



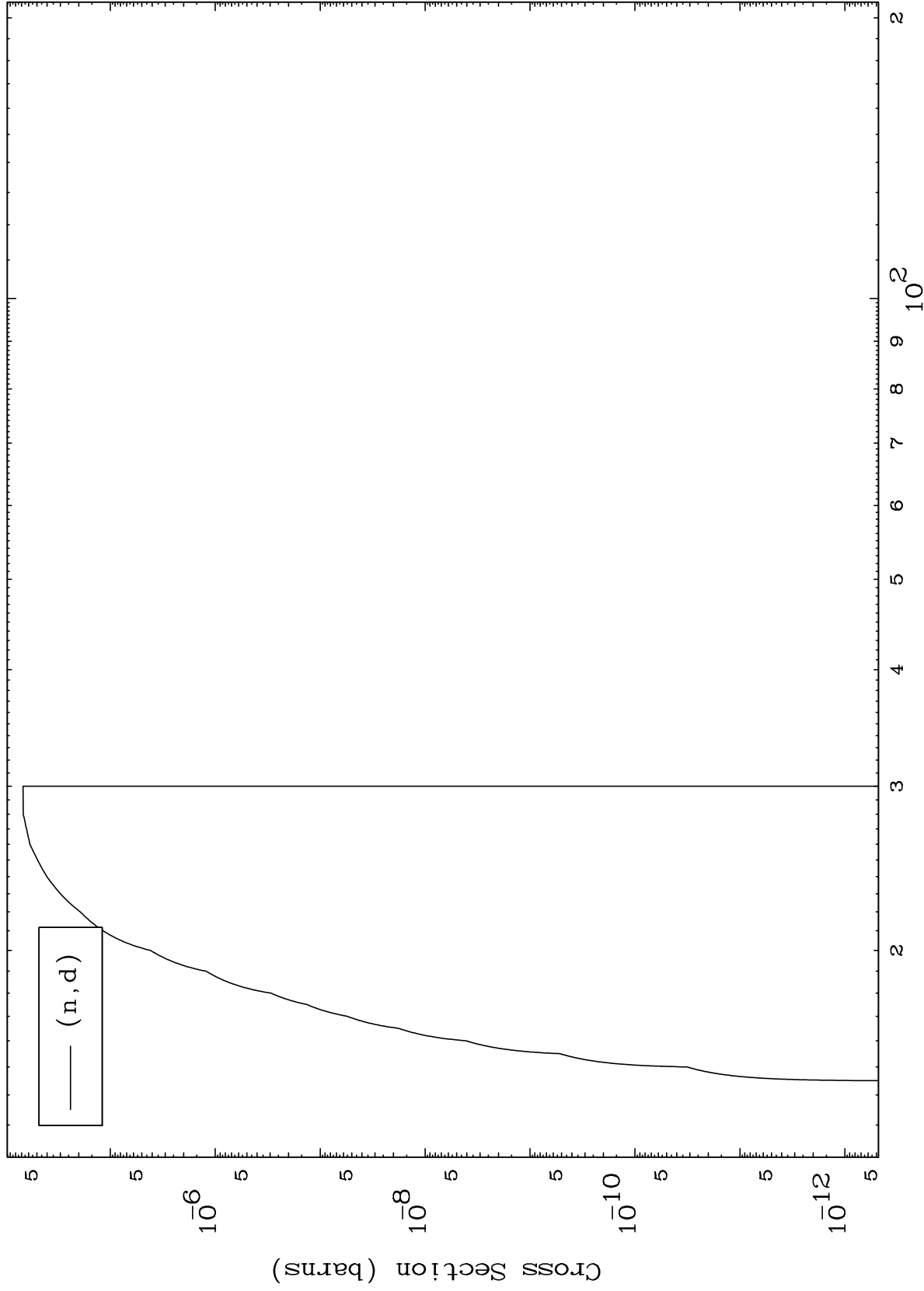


MAT 4920

( $\gamma, d$ ) Levels

49-In-111m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

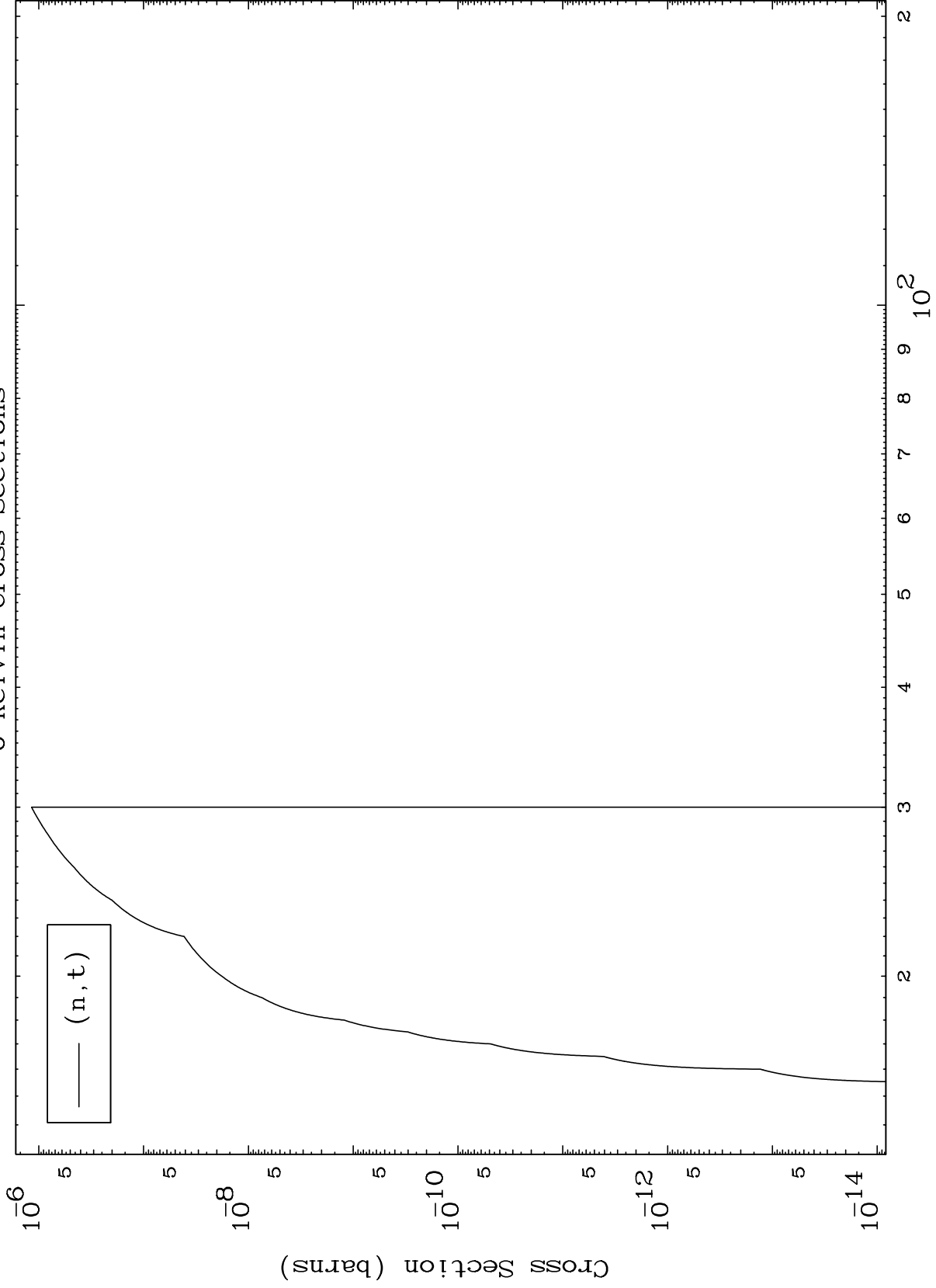
49-In-111m

MAT 4920

( $\gamma, t$ ) Levels

49-In-111m

0 Kelvin Cross Sections

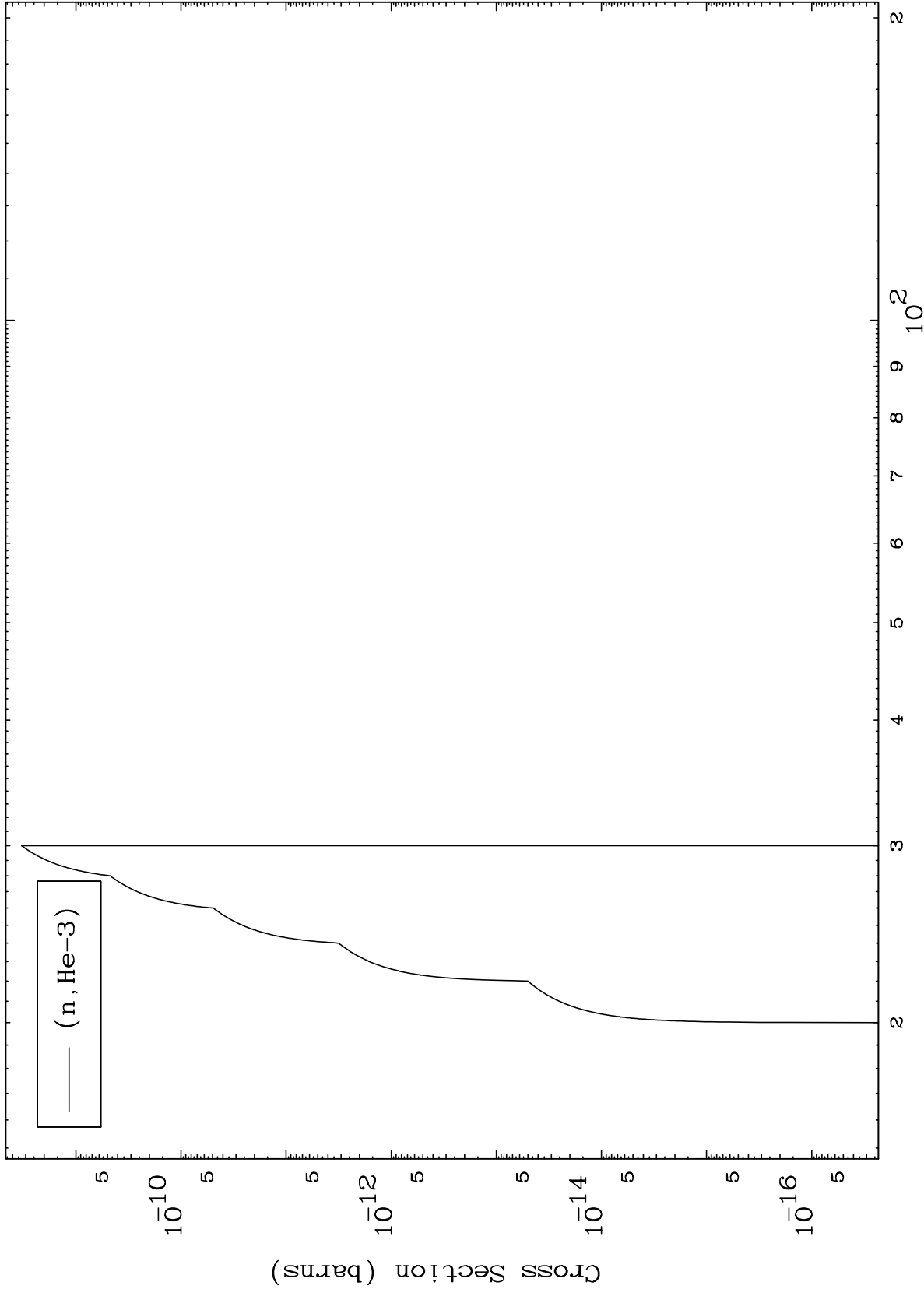


MAT 4920

( $\gamma, \text{He}3$ ) Levels

49-In-111m

0 Kelvin Cross Sections



10

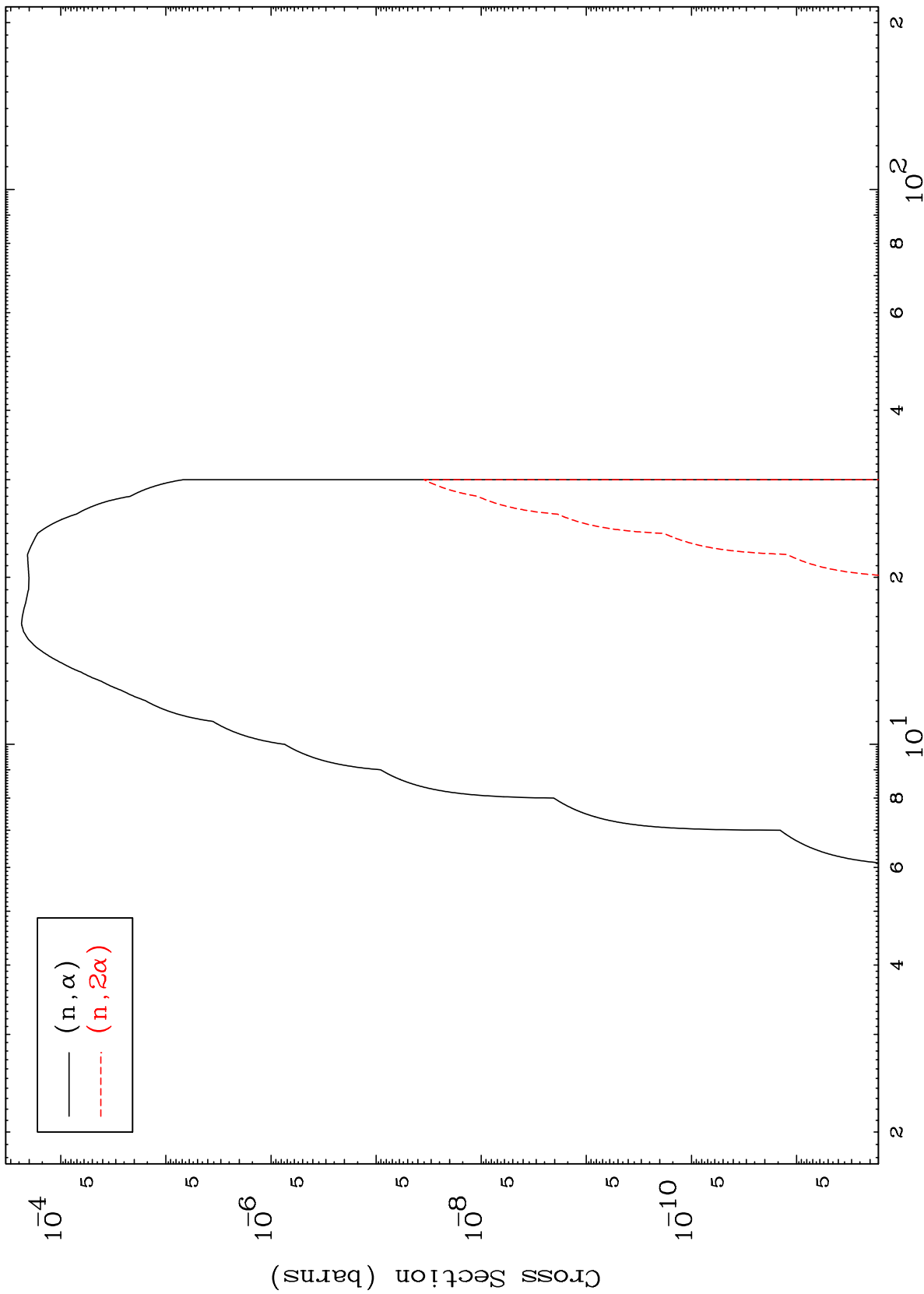
Incident Energy (MeV)

49-In-111m

MAT 4920

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

49-In-111m



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

49-In-111m

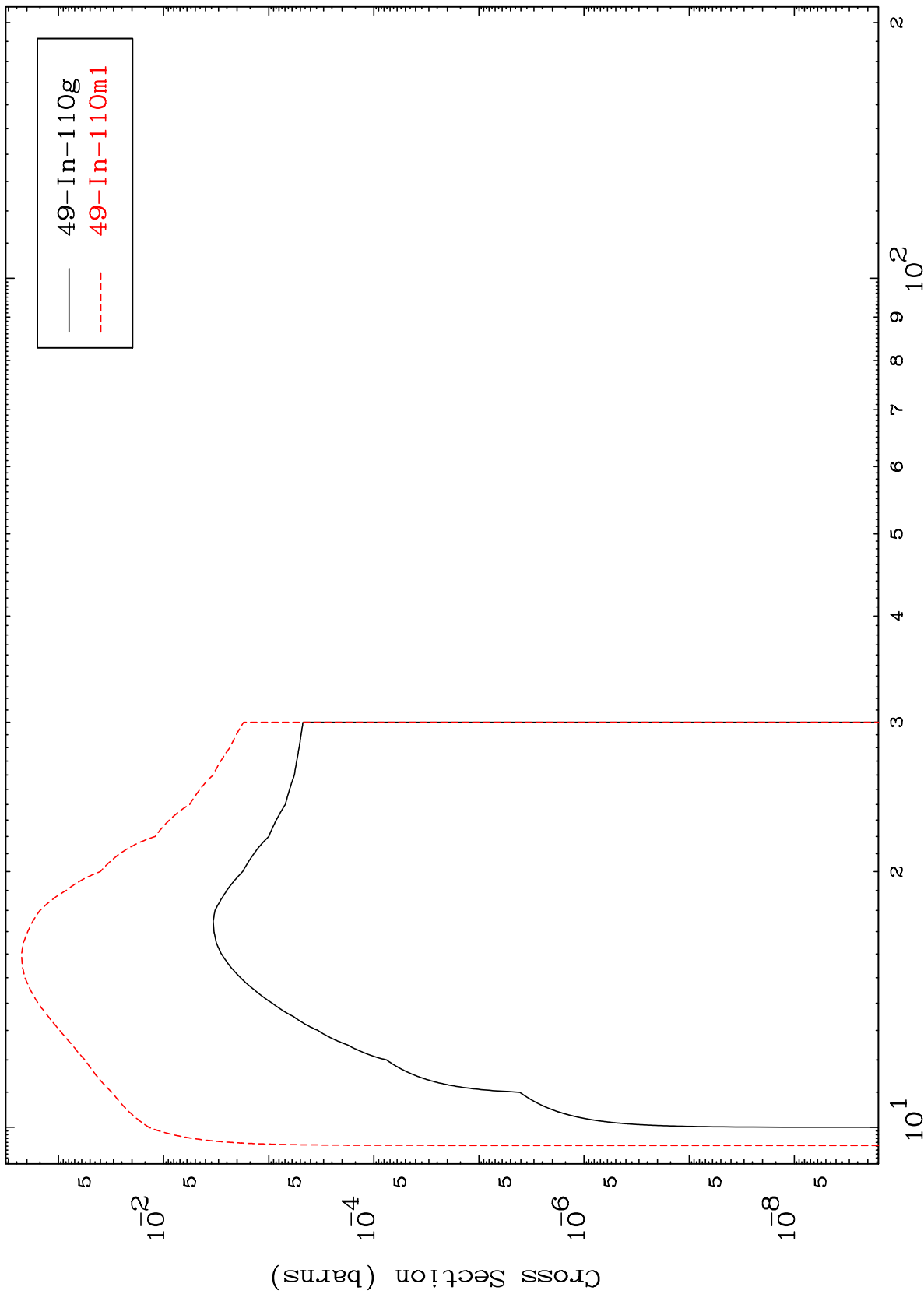
Incident Energy (MeV)

11

MAT 4920

49-In-111m

Inelastic  
Radionuclide Production Cross Section



49-In-111m

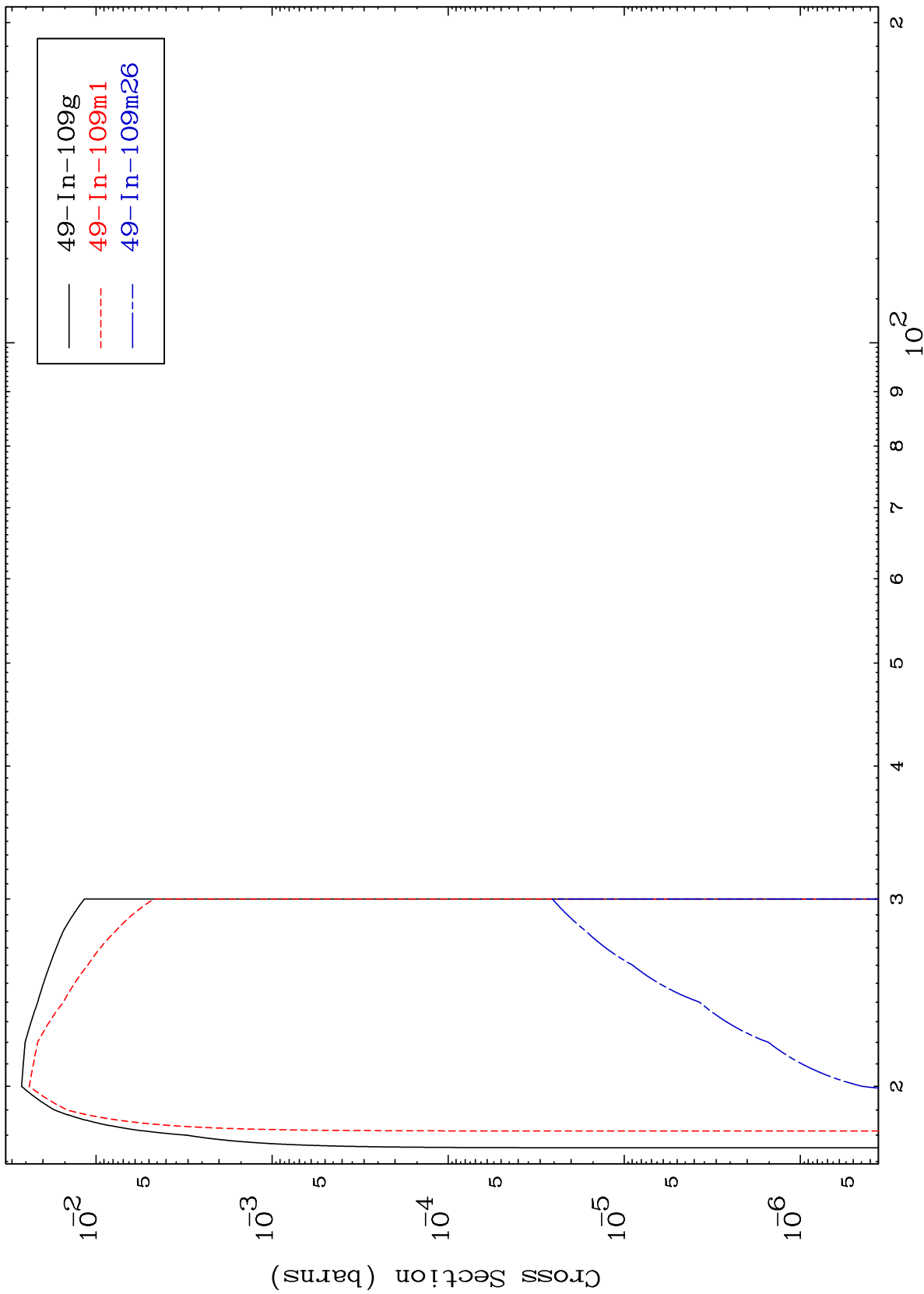
Incident Energy (MeV)

12

MAT 4920

49-In-111m

(n,2n)  
Radionuclide Production Cross Section



13

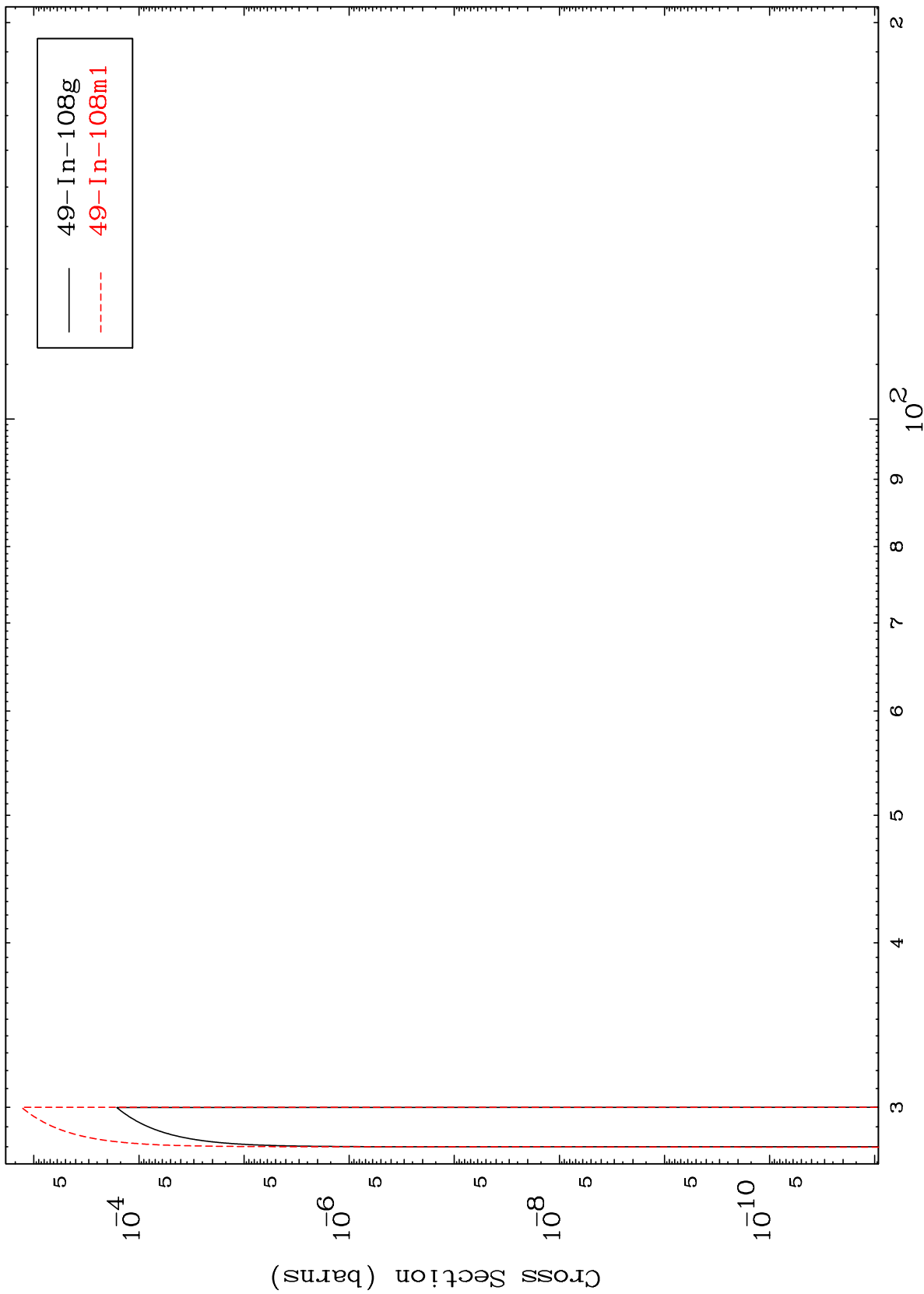
49-In-111m

Incident Energy (MeV)

MAT 4920

49-In-111m

(n,3n)  
Radionuclide Production Cross Section



49-In-111m

Incident Energy (MeV)

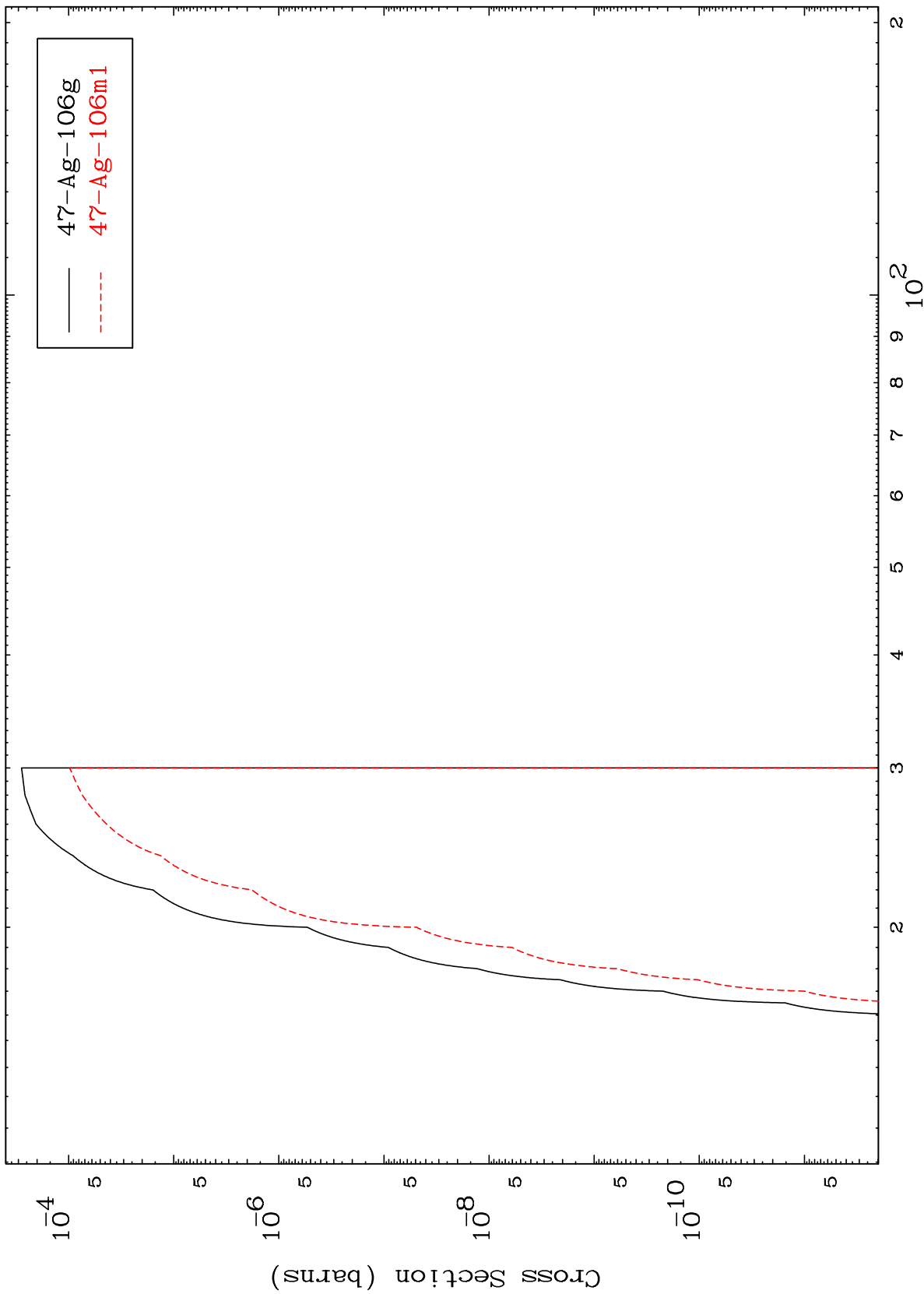
14

MAT 4920

$(n, n') \alpha$

49-In-111m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

49-In-111m

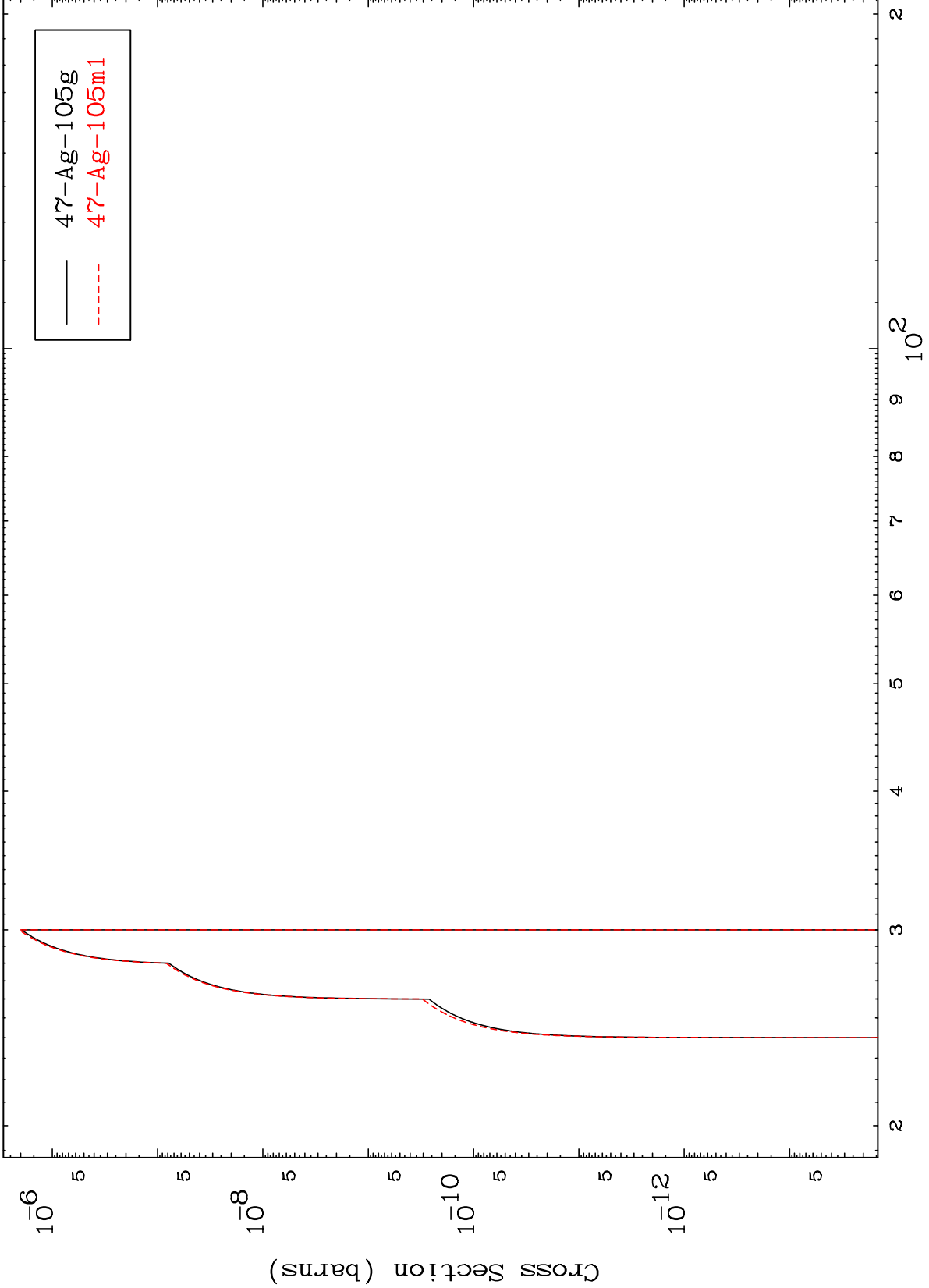


MAT 4920

(n,2n)  $\alpha$

49-In-111m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

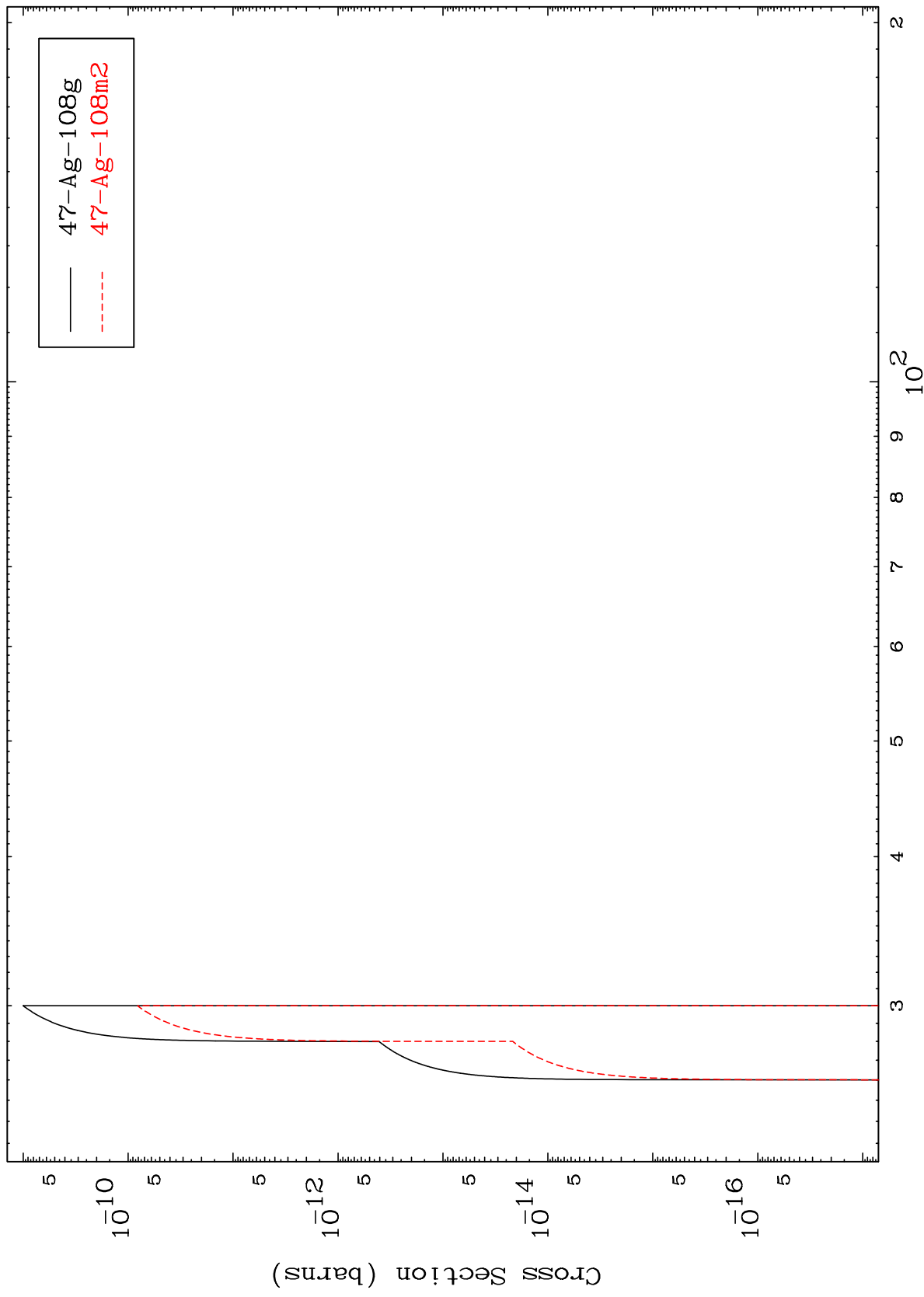
49-In-111m

MAT 4920

(n,2n) p

49-In-111m

Radionuclide Production Cross Section



17

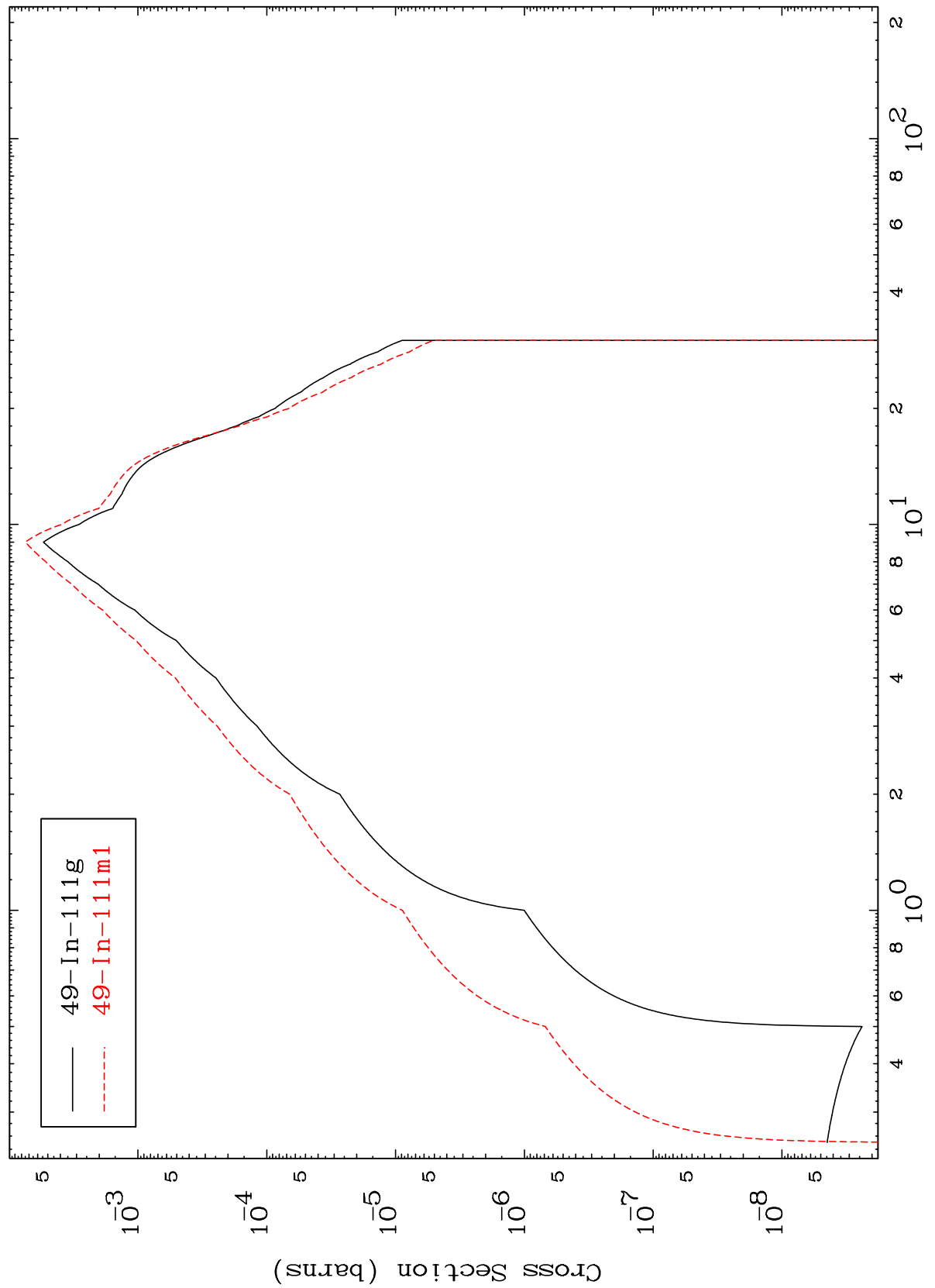
Incident Energy (MeV)

49-In-111m

MAT 4920

49-In-111m

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



— 49-In-111g  
- - - 49-In-111m1

49-In-111m

Incident Energy (MeV)

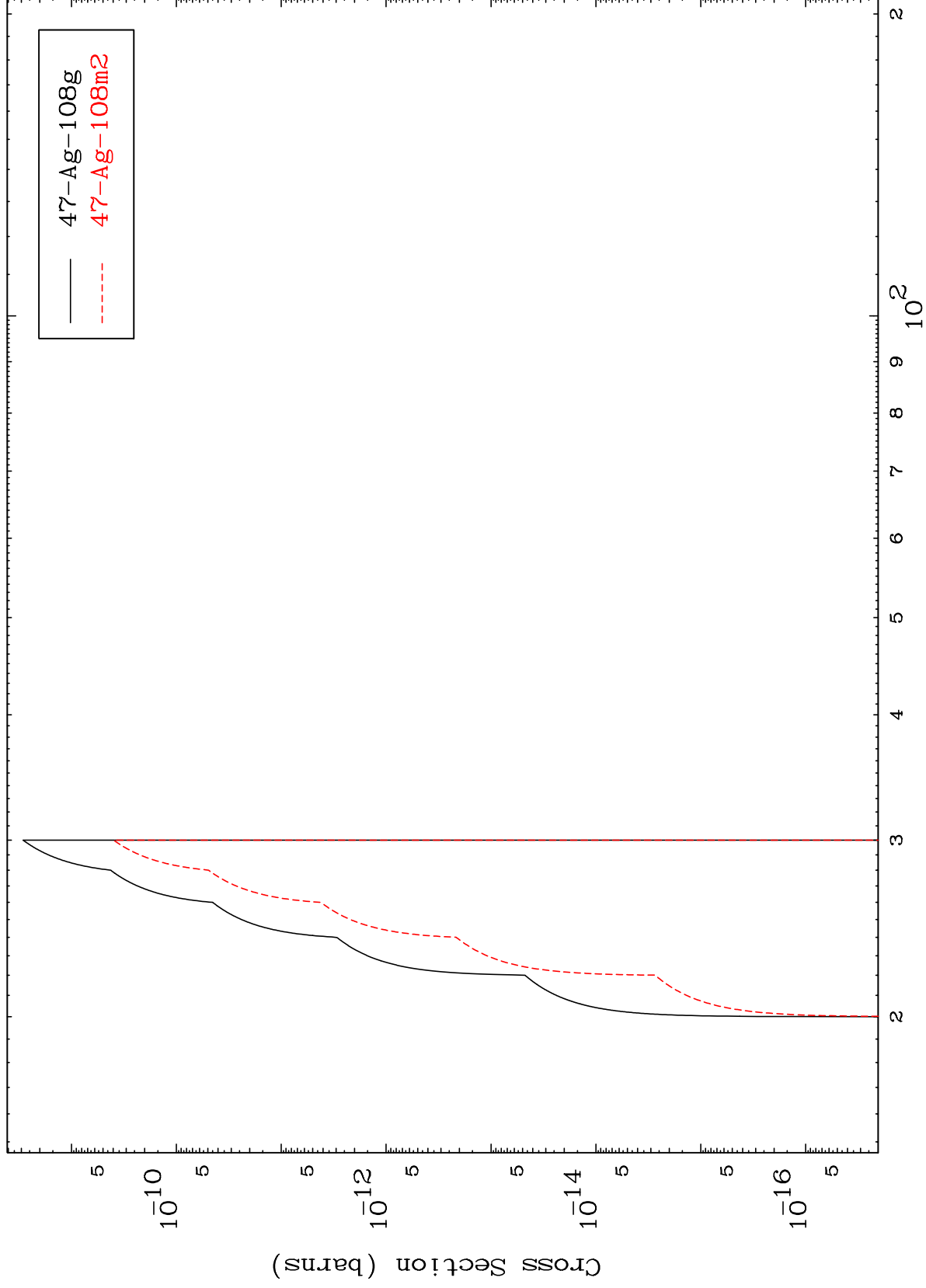
18

MAT 4920

(n,He-3)

49-In-111m

Radionuclide Production Cross Section



19

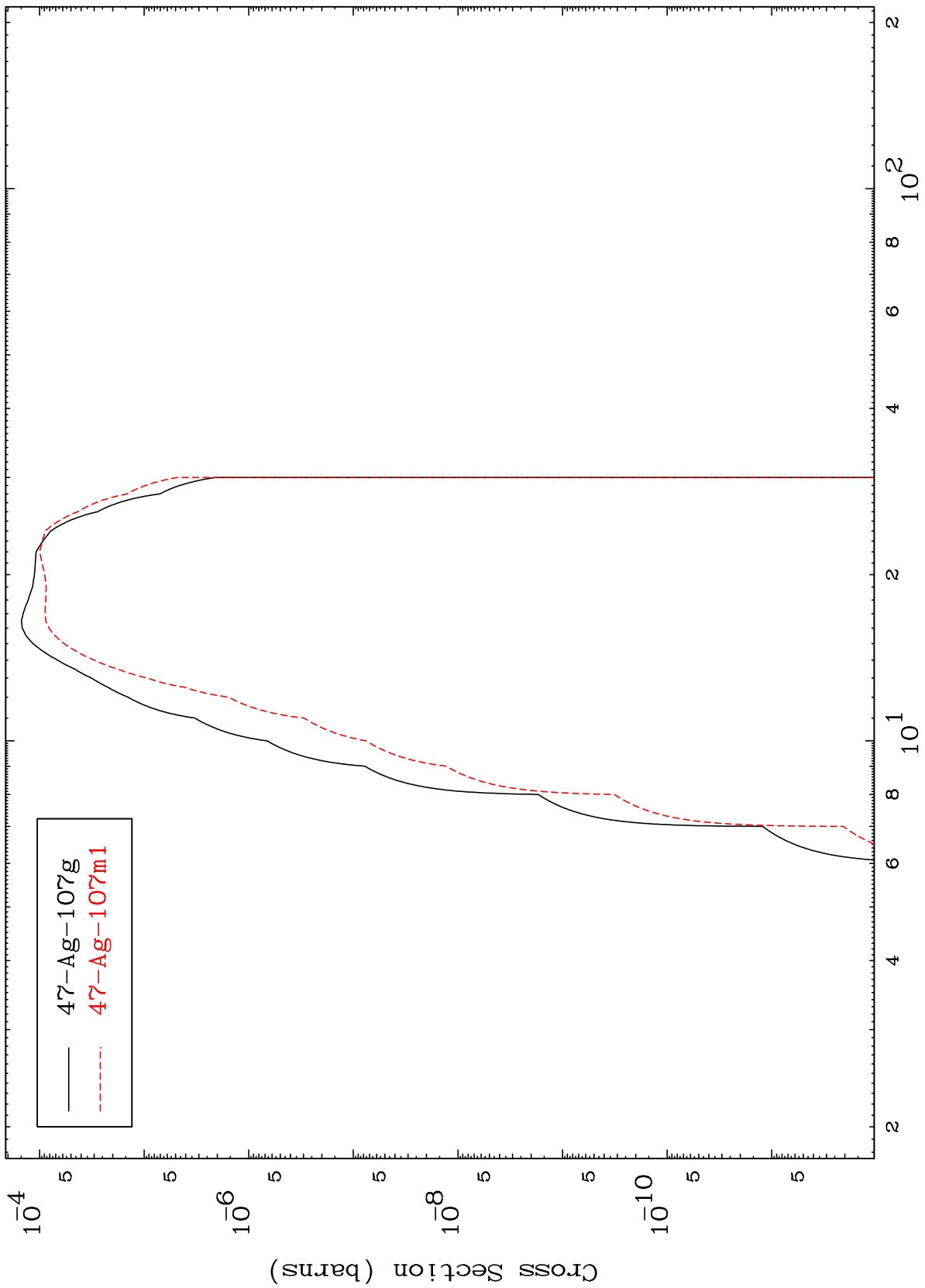
Incident Energy (MeV)

49-In-111m

MAT 4920

49-In-111m

Radionuclide Production Cross Section



20

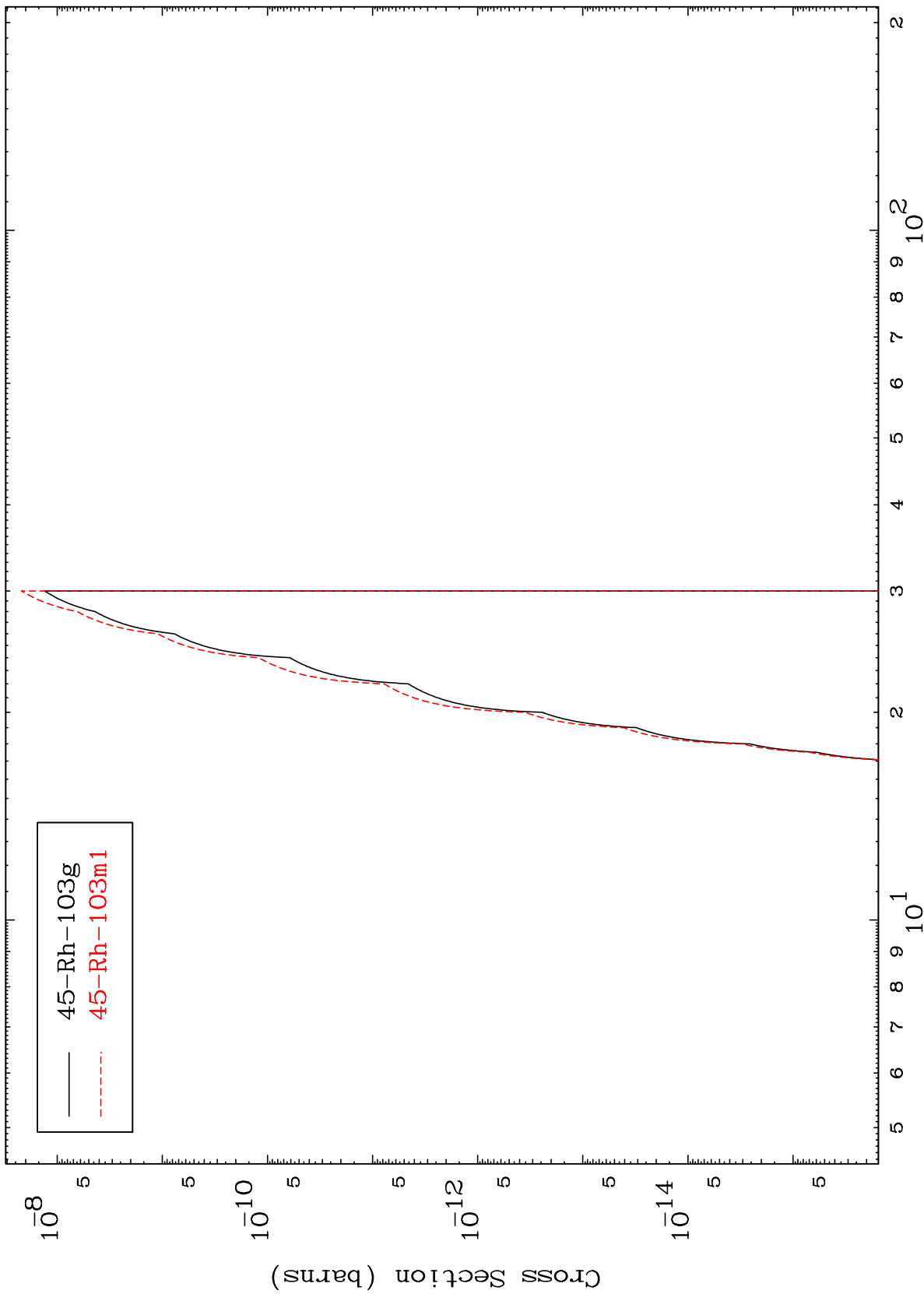
Incident Energy (MeV)

49-In-111m

MAT 4920

49-In-111m

Radionuclide Production Cross Section  
(n,2α)



— 45-Rh-103g  
- - - 45-Rh-103m1

49-In-111m

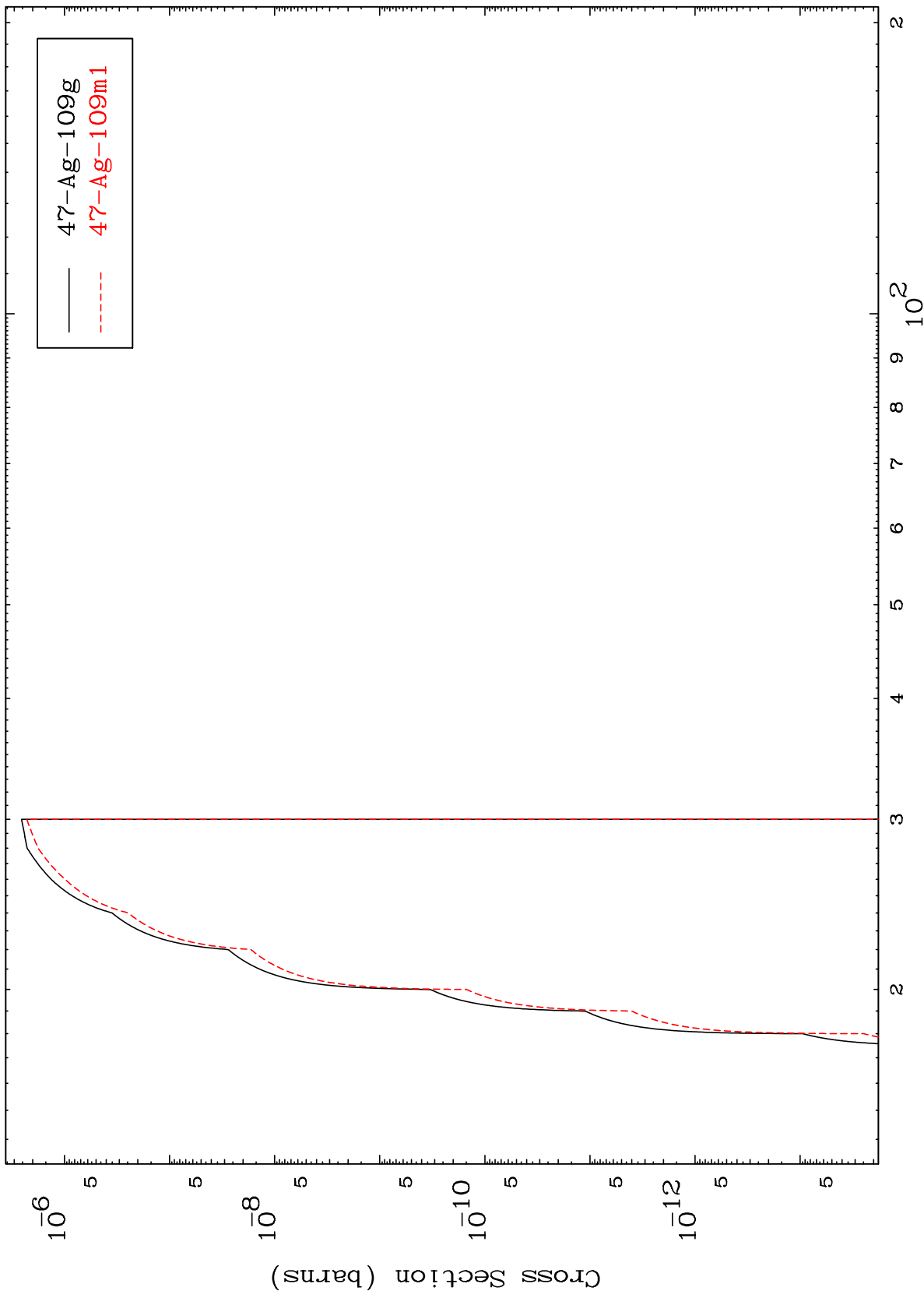
Incident Energy (MeV)

21

MAT 4920

49-In-111m

(n,2p)  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

49-In-111m

Radionuclide Production Cross Section

