

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

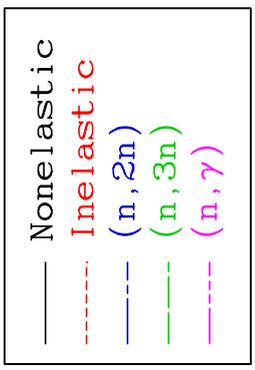
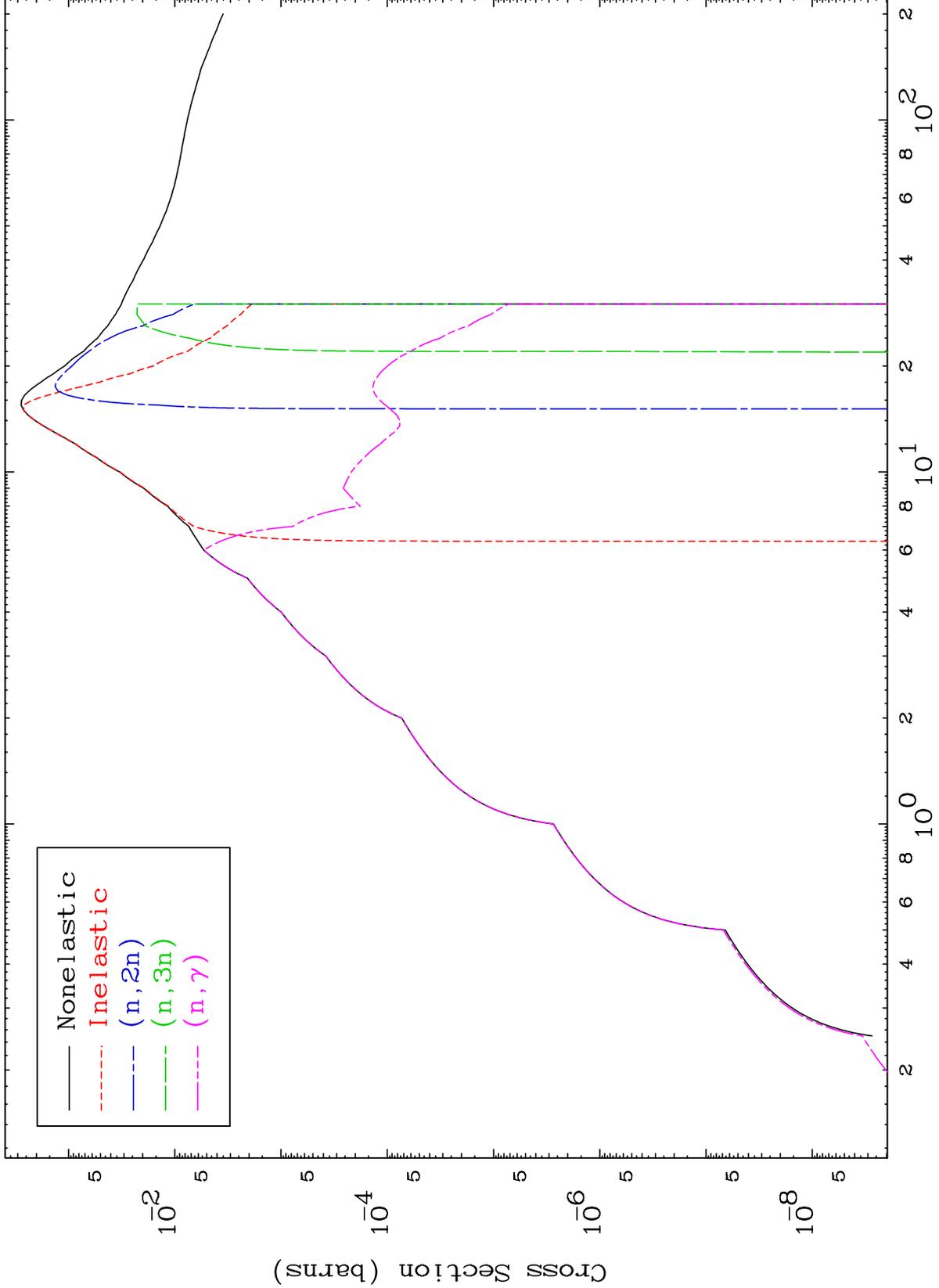
Press Mouse Button to Start

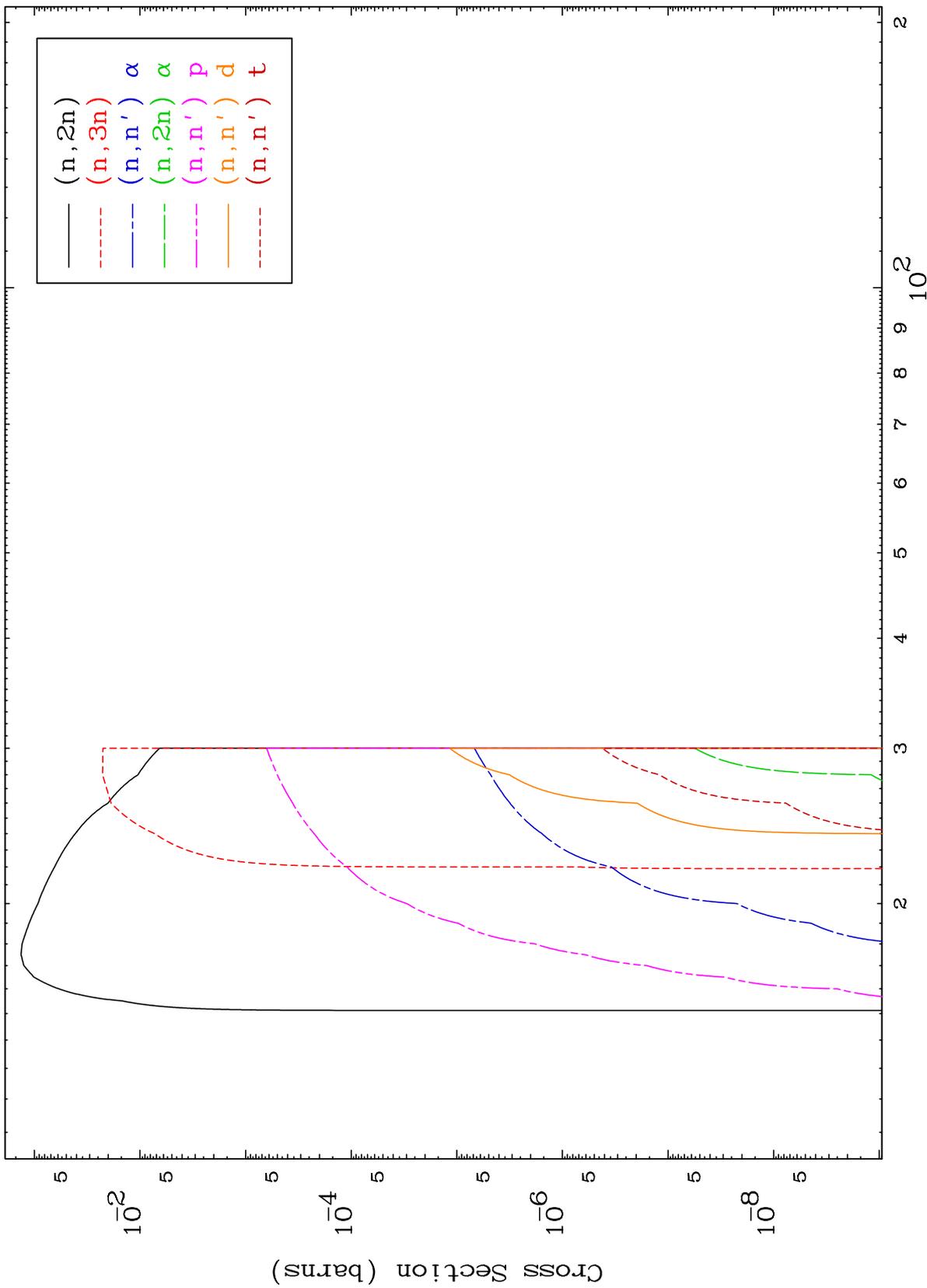
MAT 4940

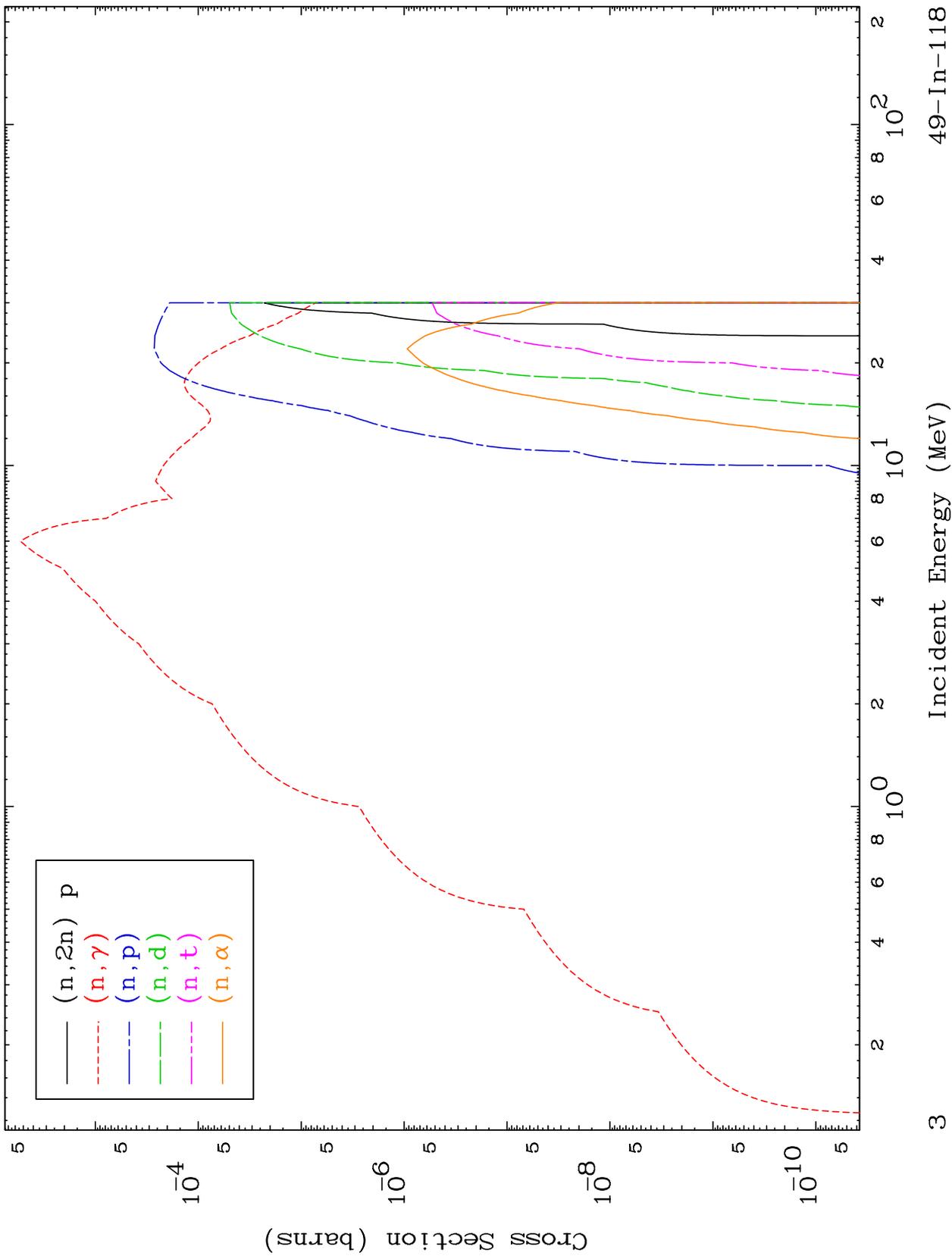
Photon Major

49-In-118

0 Kelvin Cross Sections



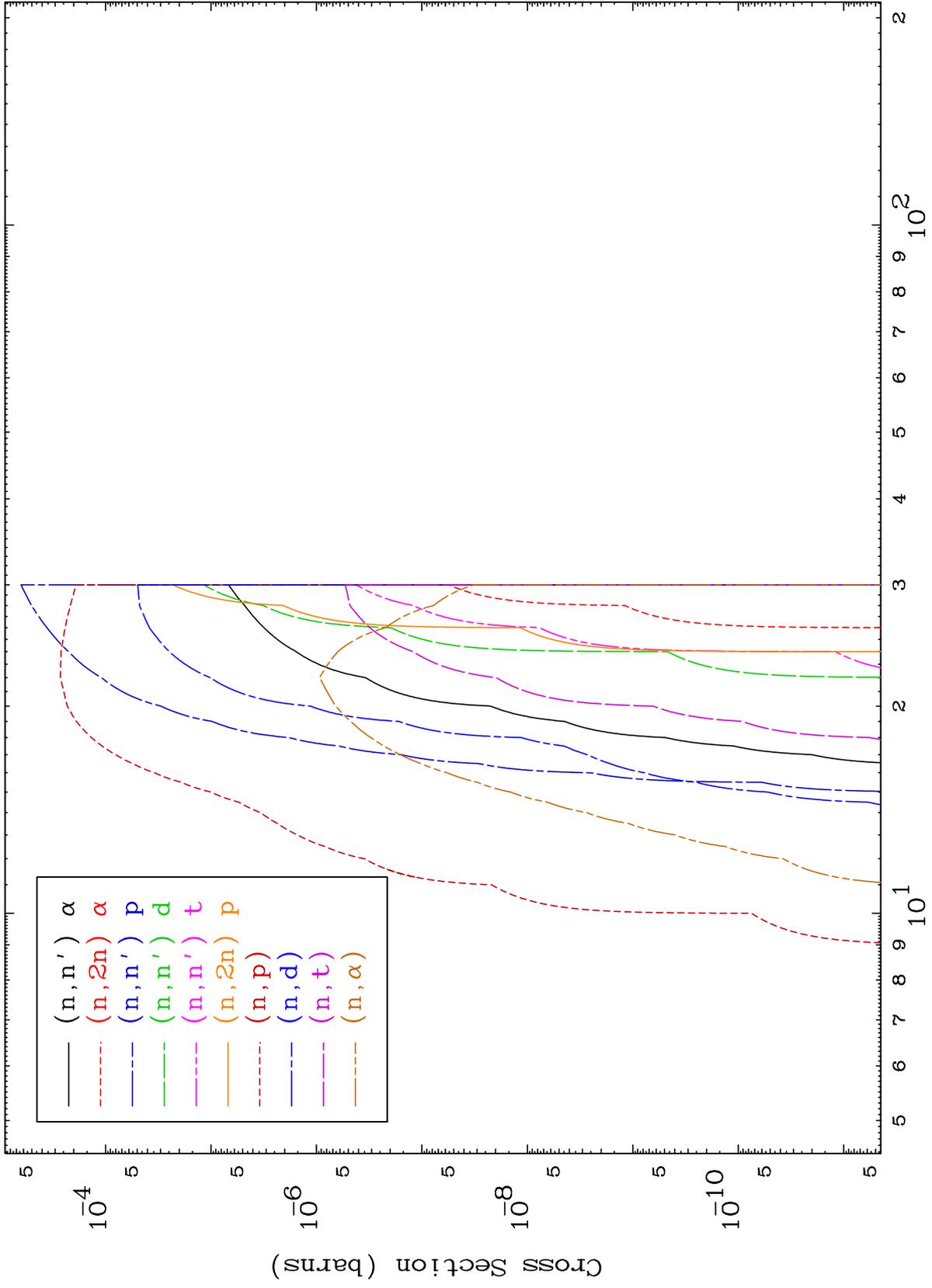




MAT 4940

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-118

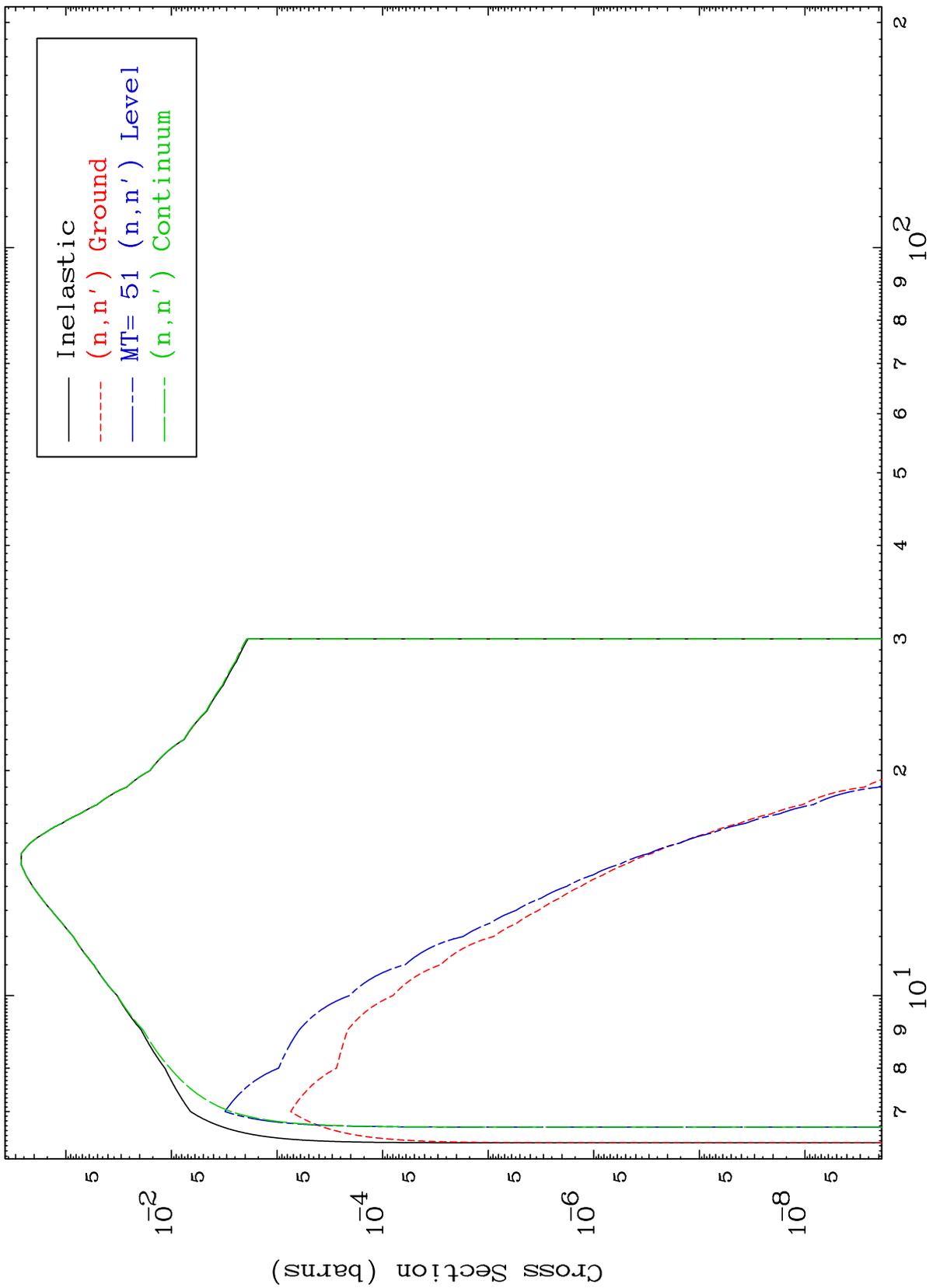


4

Incident Energy (MeV)

49-In-118

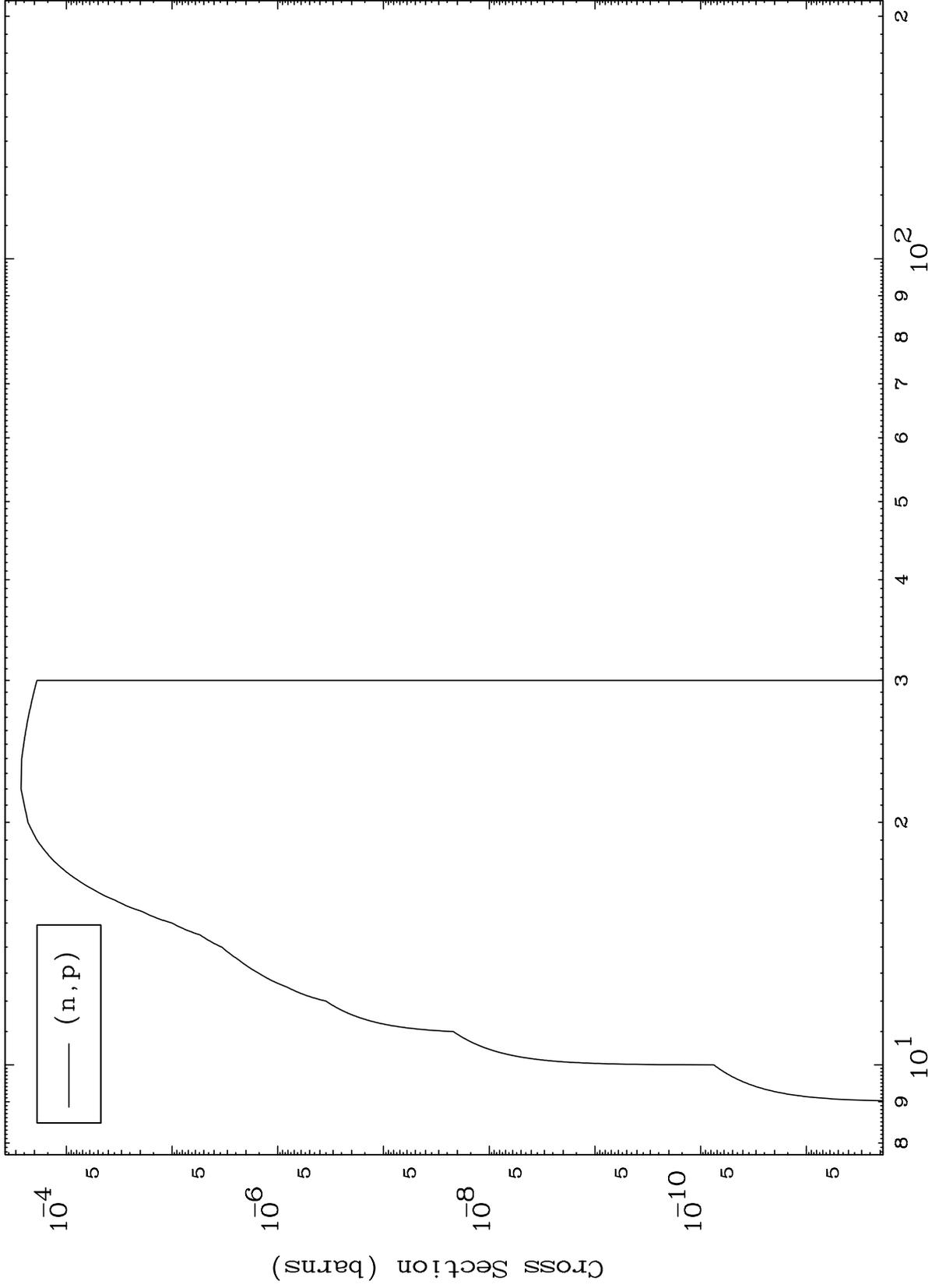
( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



MAT 4940

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

49-In-118



49-In-118

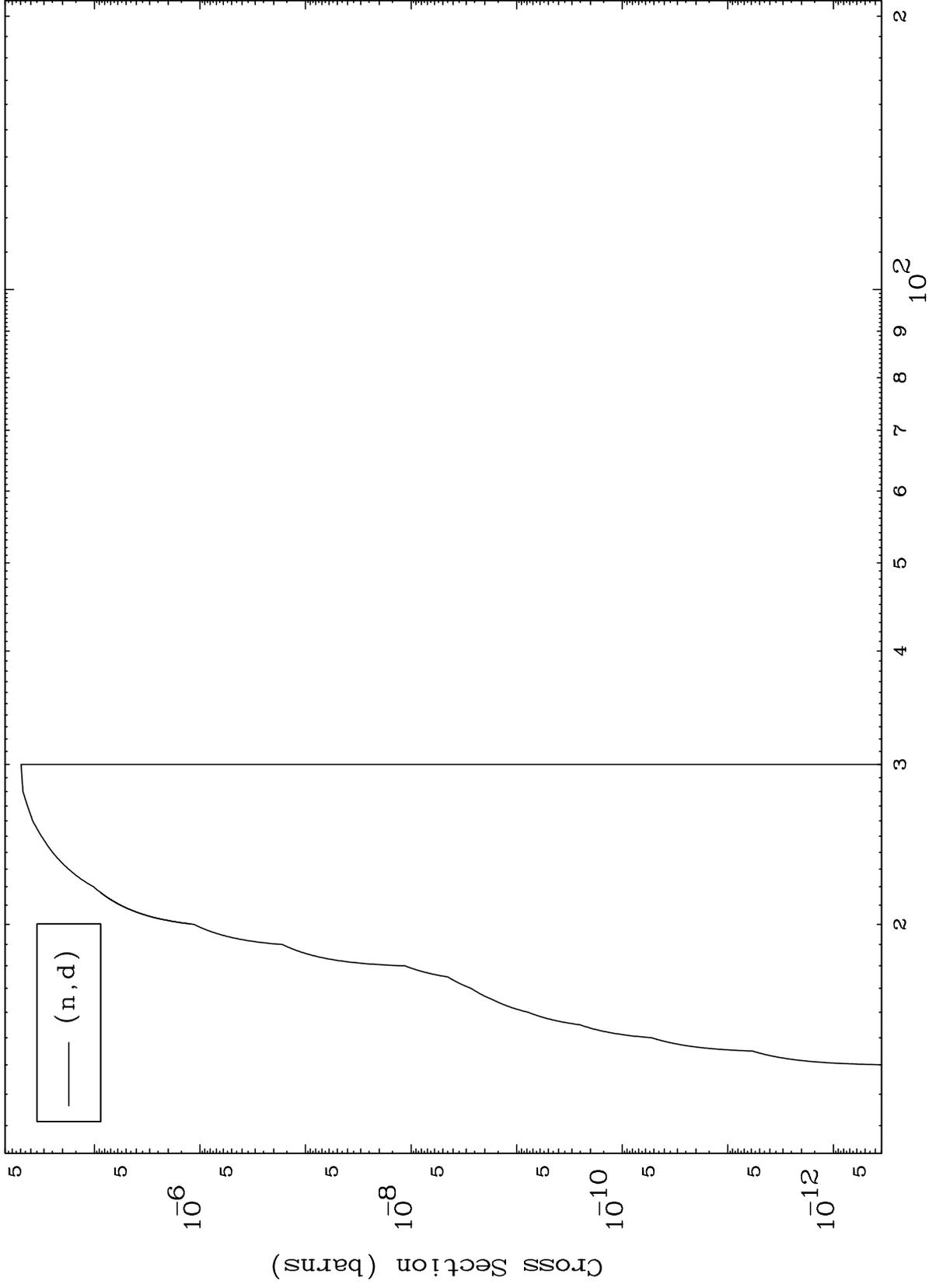
Incident Energy (MeV)

6

MAT 4940

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

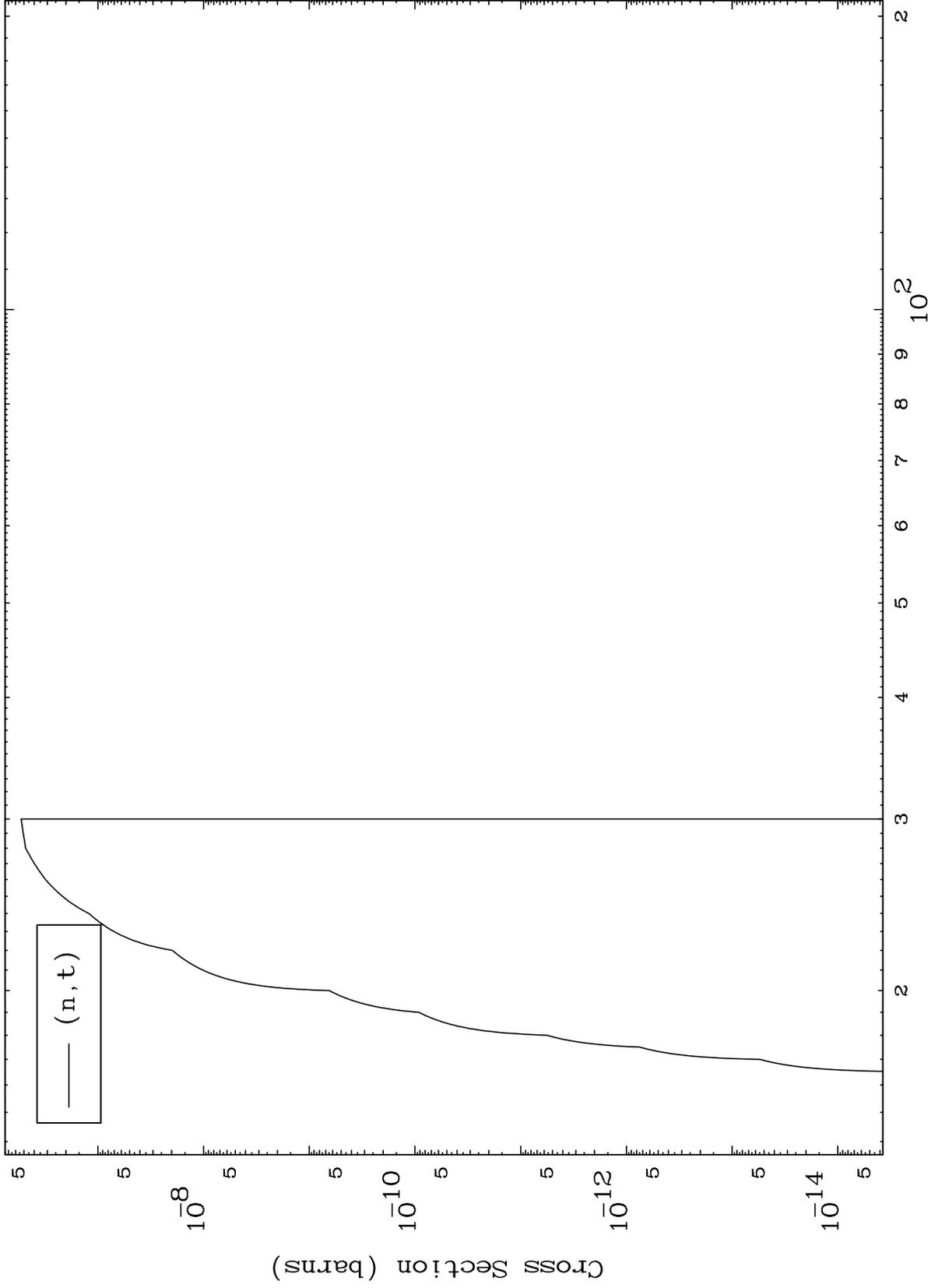
49-In-118



7

Incident Energy (MeV)

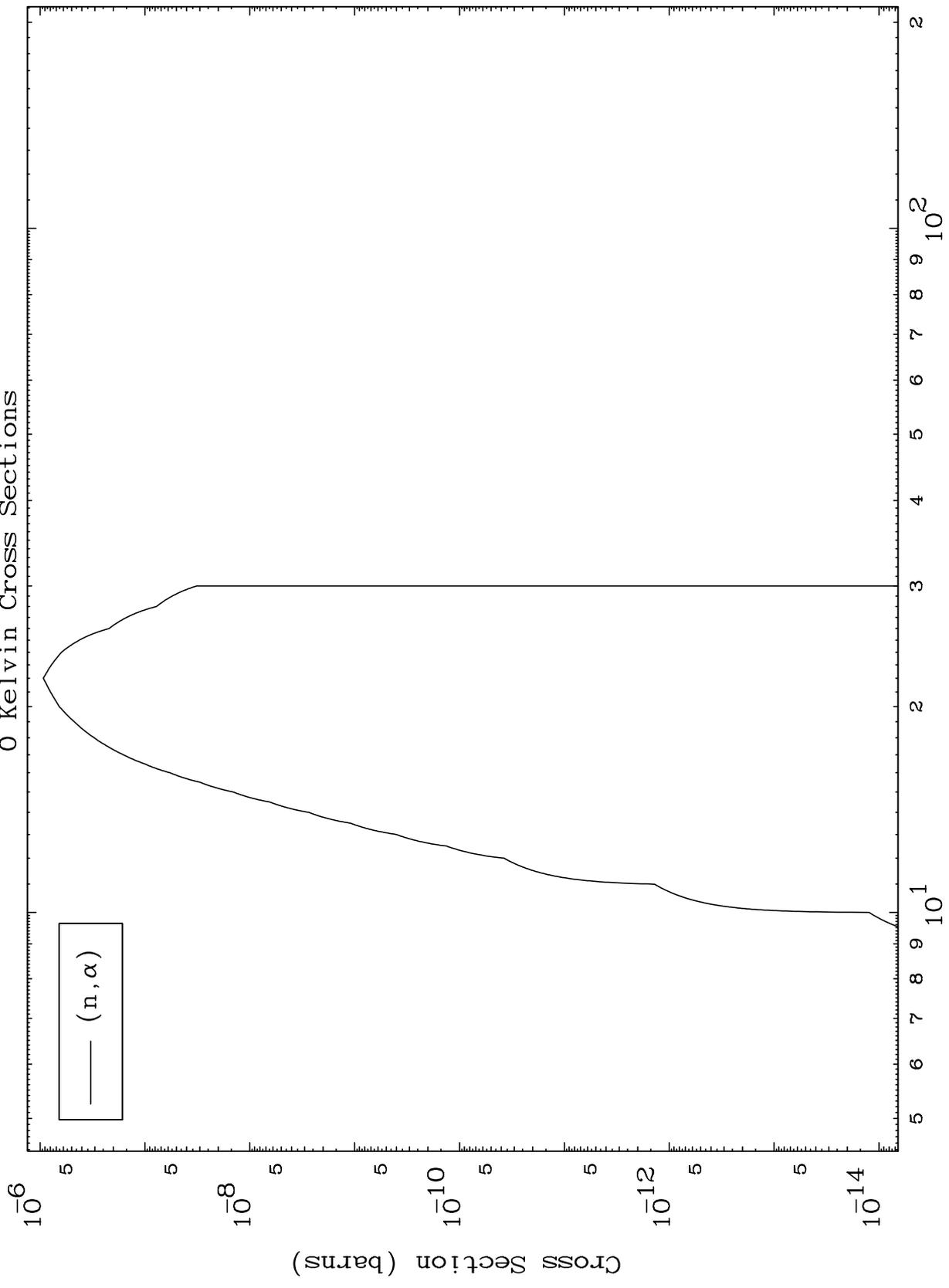
49-In-118



MAT 4940

49-In-118

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



9

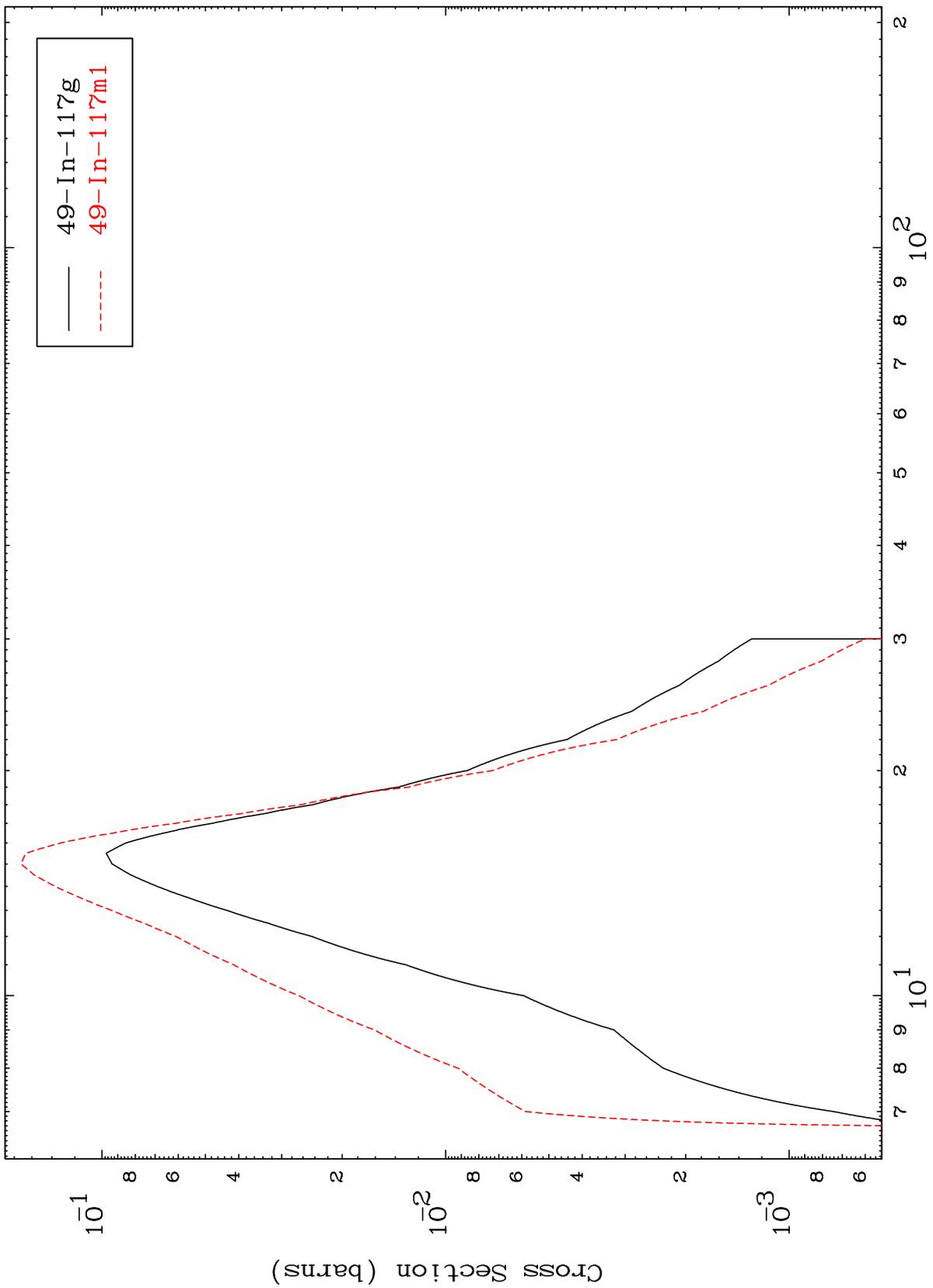
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

Inelastic  
Radionuclide Production Cross Section



10

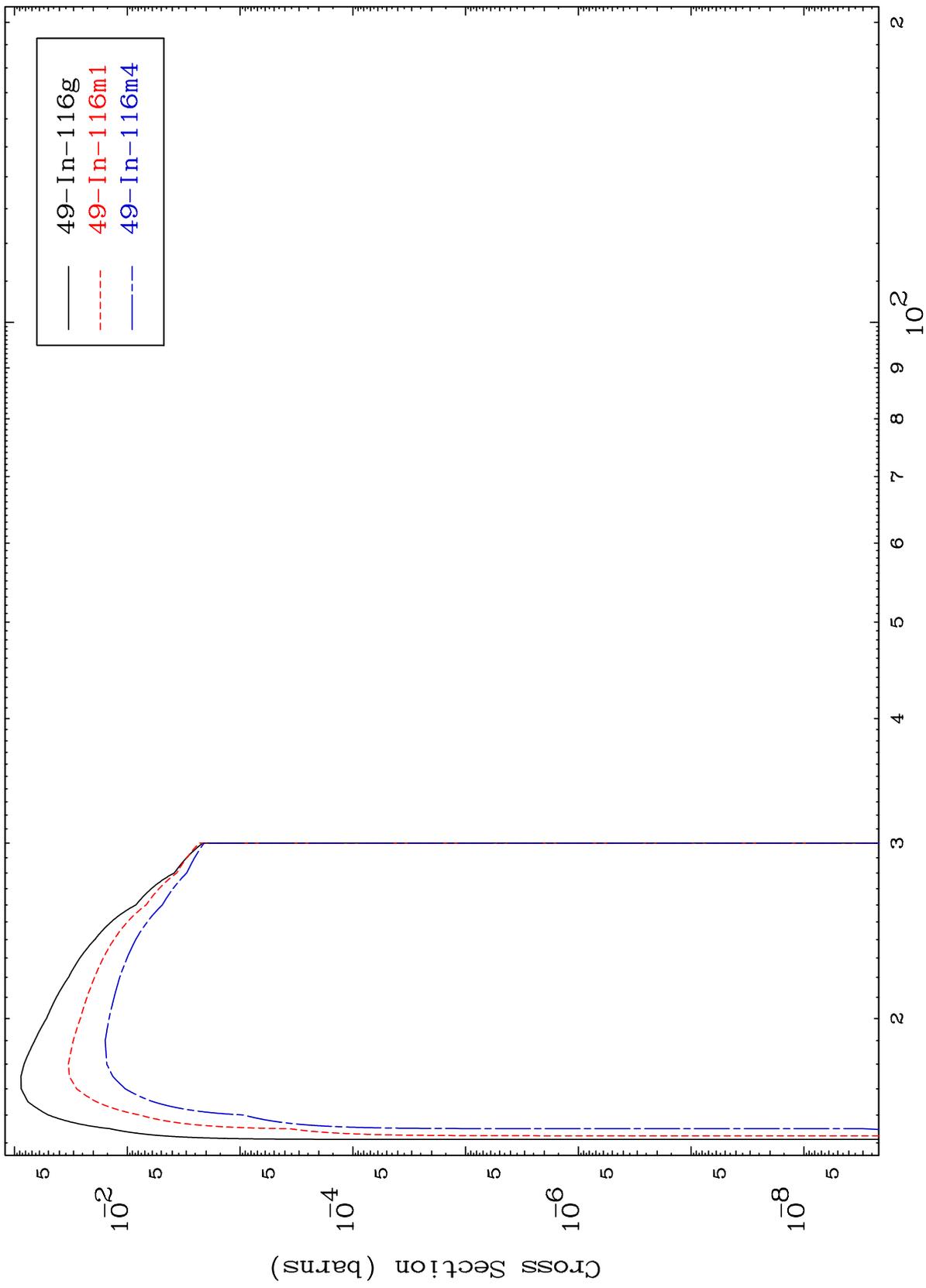
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

(n,2n)  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

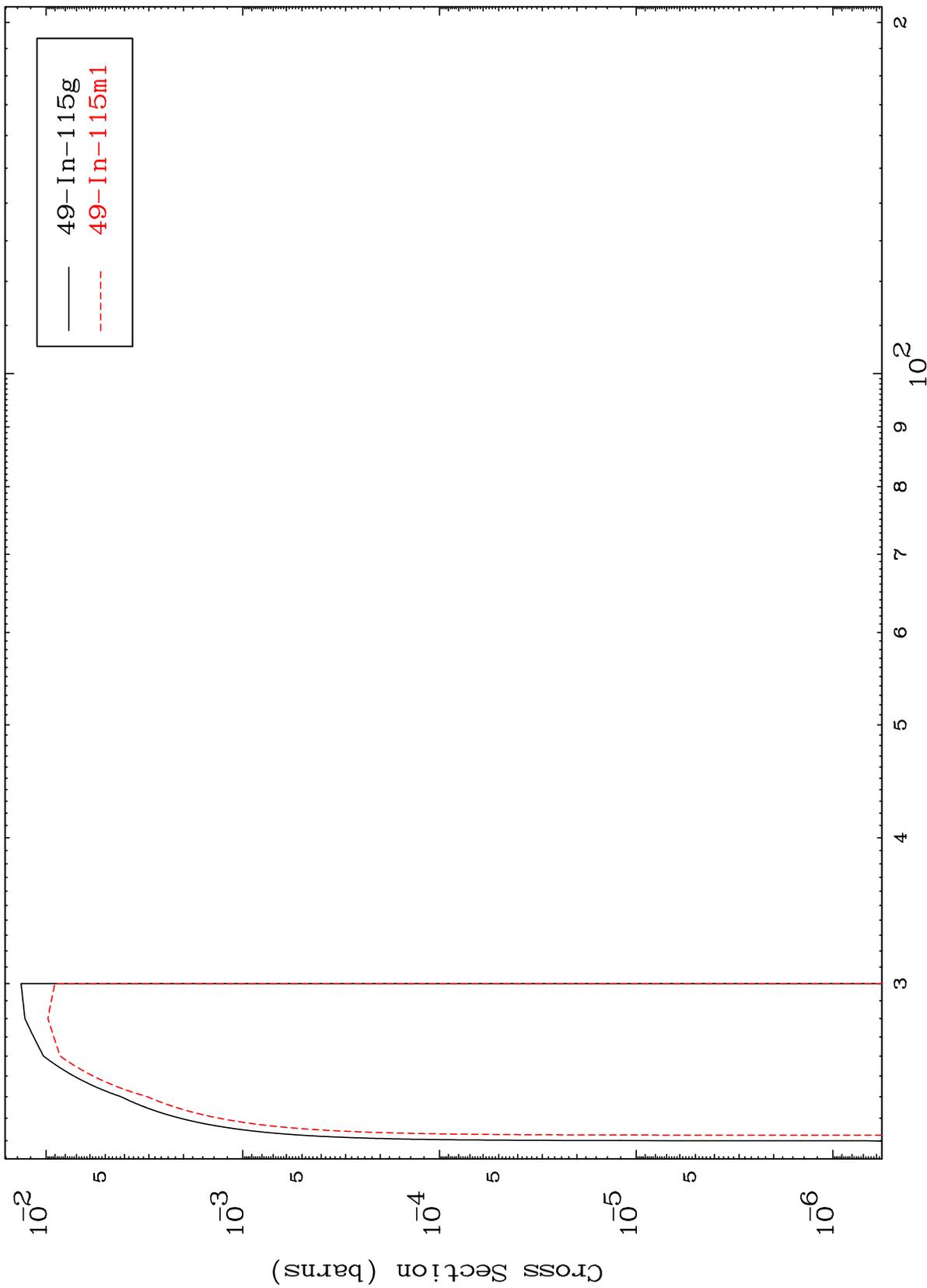
49-In-118

MAT 4940

49-In-118

(n,3n)

Radionuclide Production Cross Section



12

Incident Energy (MeV)

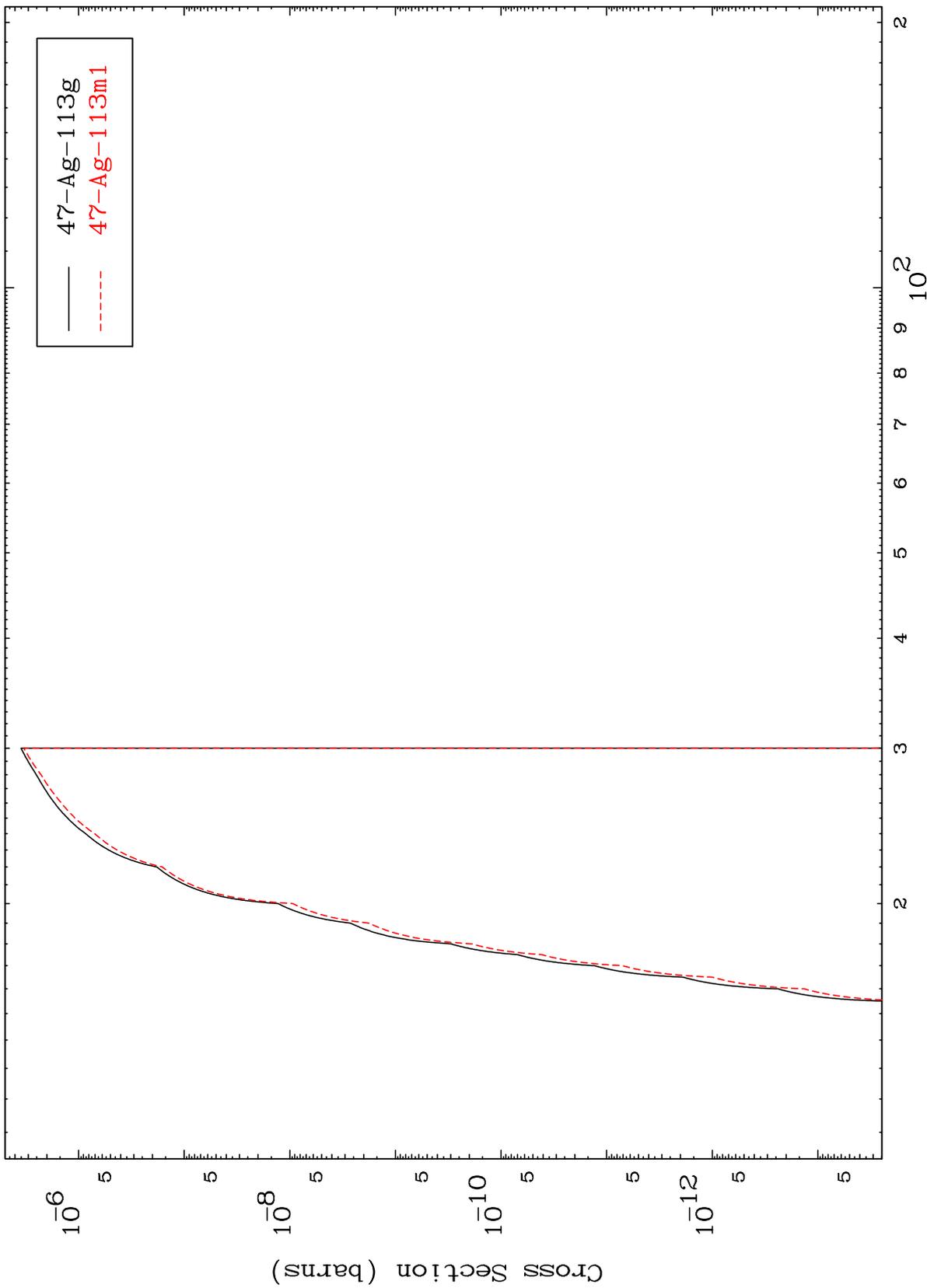
49-In-118

MAT 4940

$(n, n') \alpha$

49-In-118

Radionuclide Production Cross Section



13

Incident Energy (MeV)

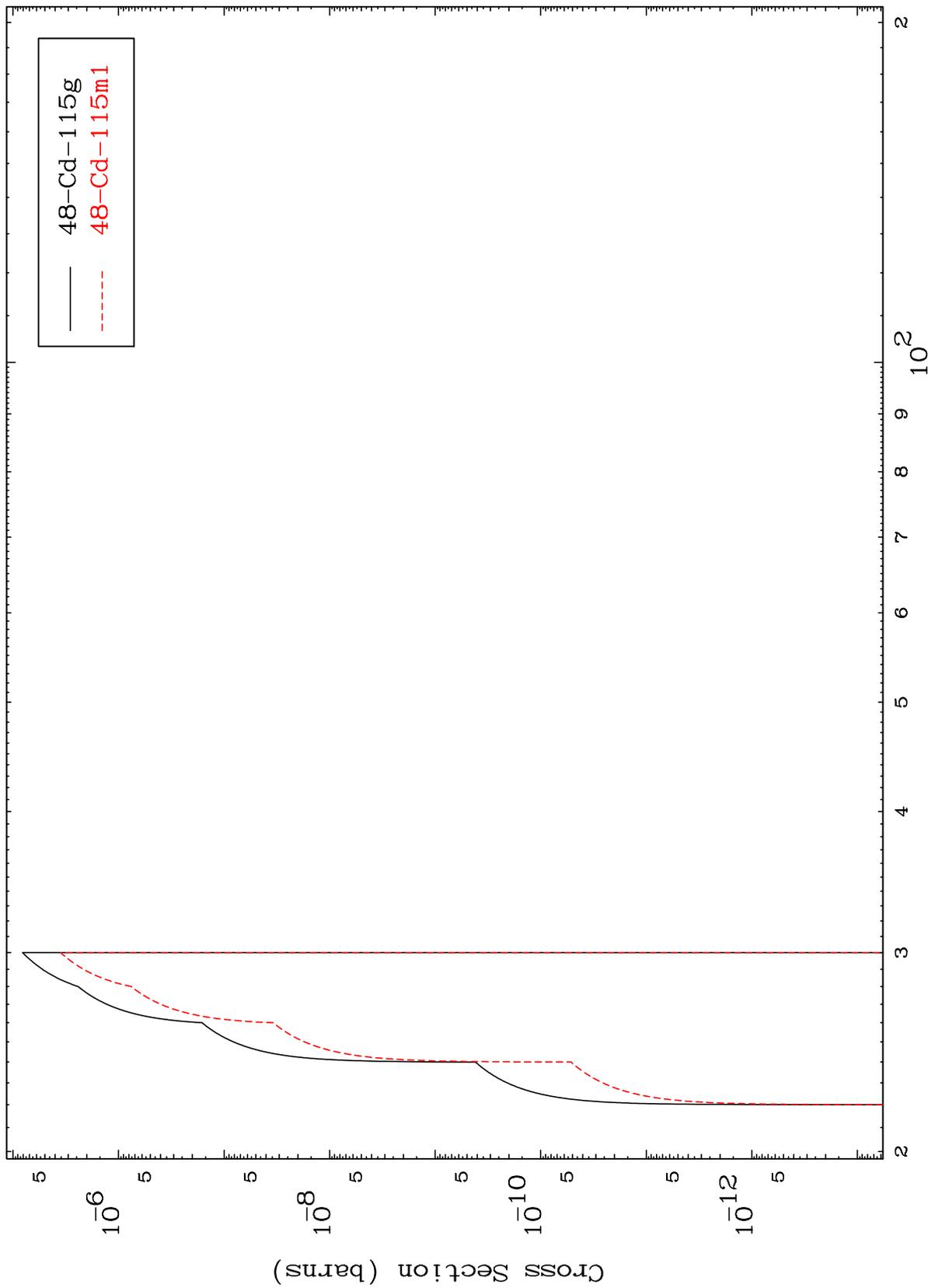
49-In-118

MAT 4940

(n,n') d

49-In-118

Radionuclide Production Cross Section



14

Incident Energy (MeV)

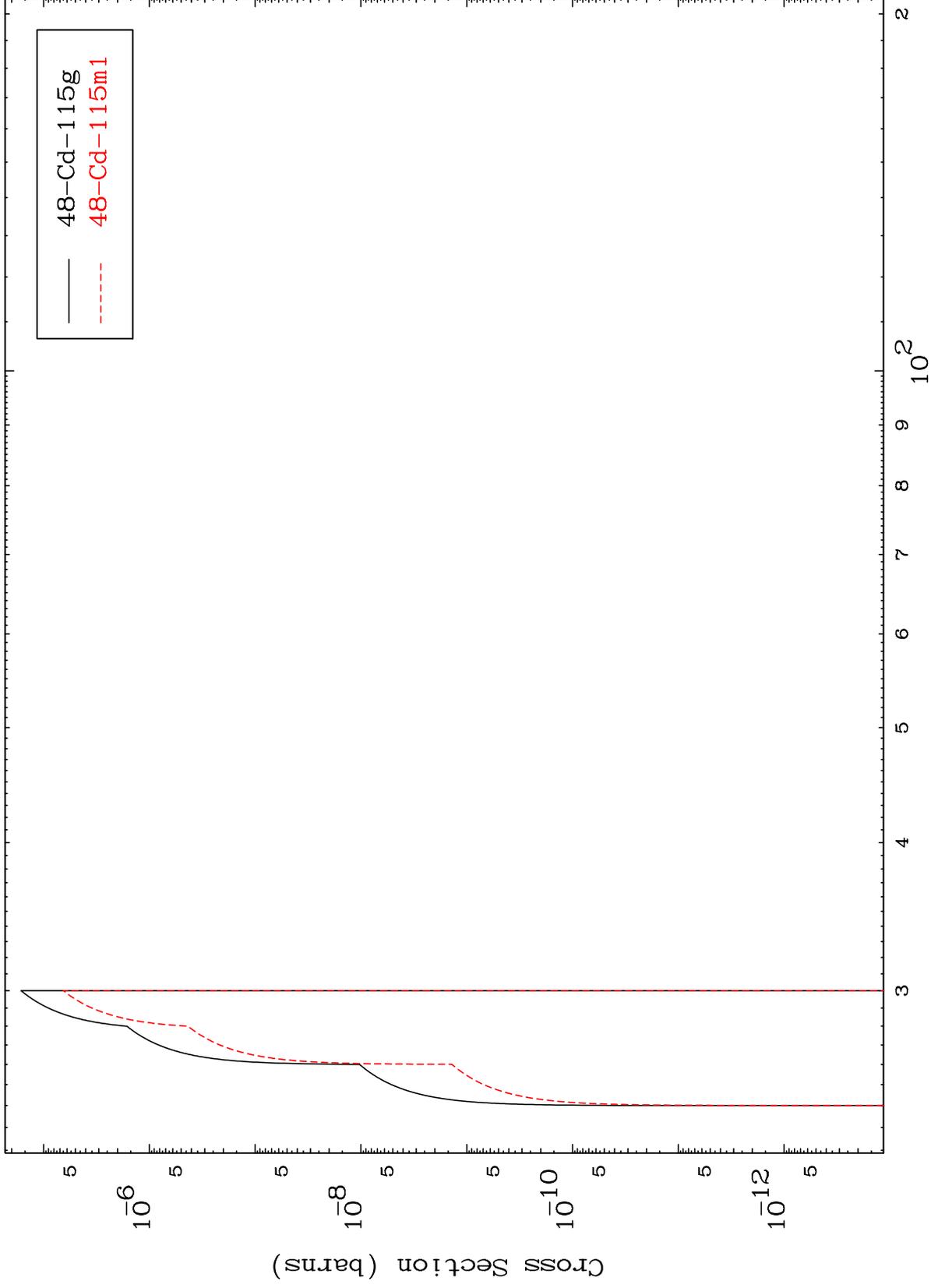
49-In-118

MAT 4940

(n,2n) p

49-In-118

Radionuclide Production Cross Section



15

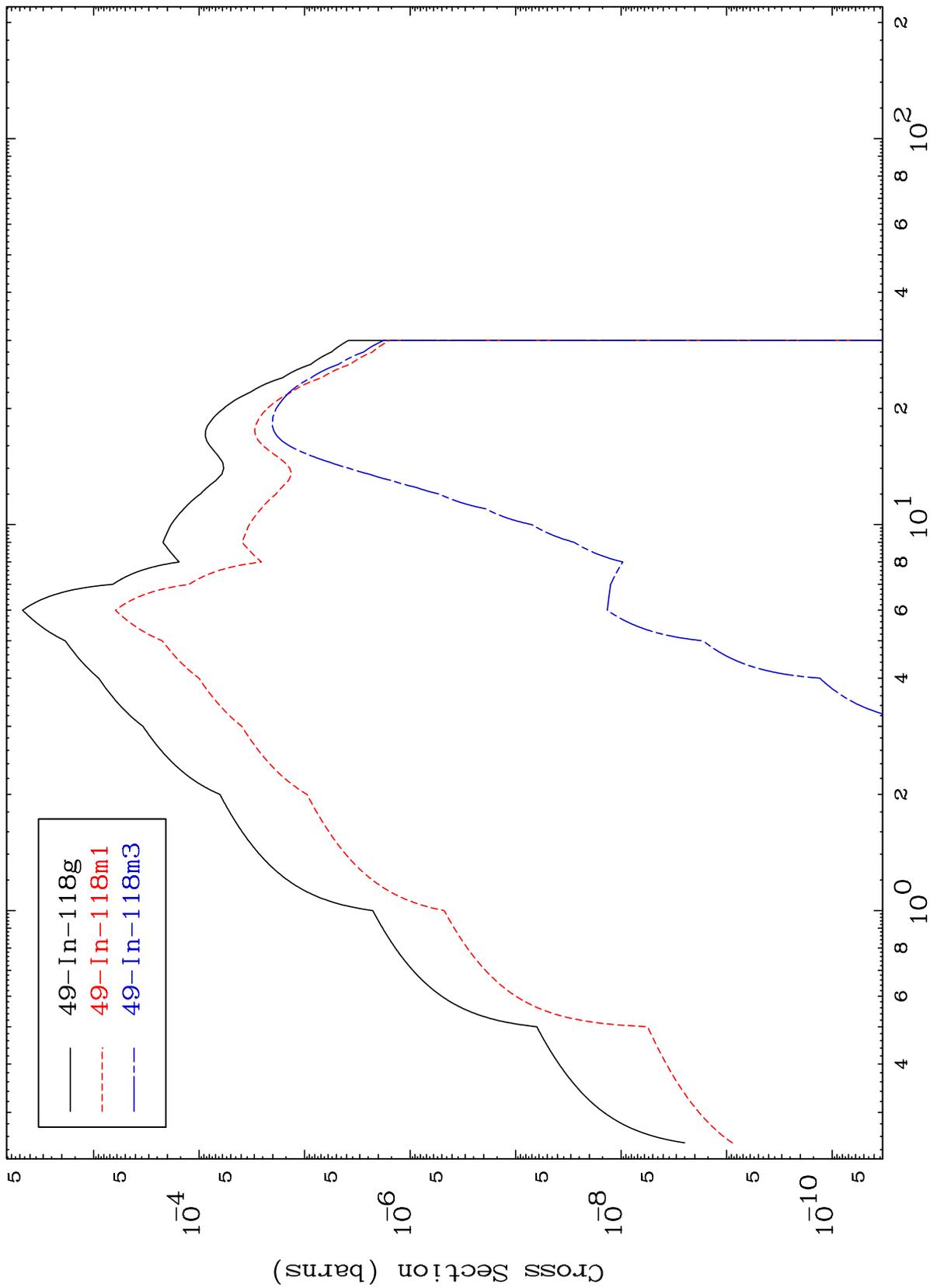
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

Radionuclide Production Cross Section



49-In-118

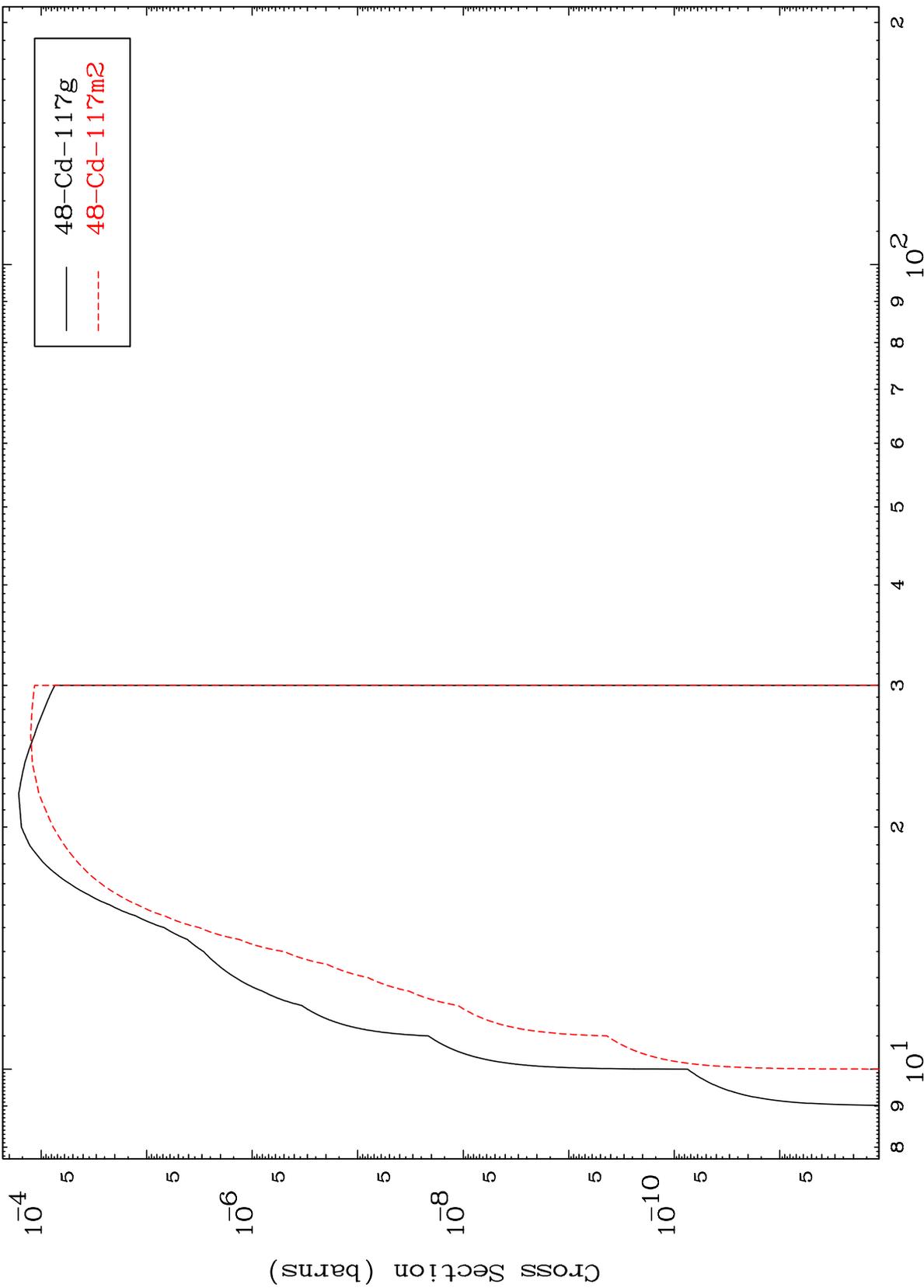
Incident Energy (MeV)

16

MAT 4940

49-In-118

(n,p)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

49-In-118

(n,t)  
Radionuclide Production Cross Section

