

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

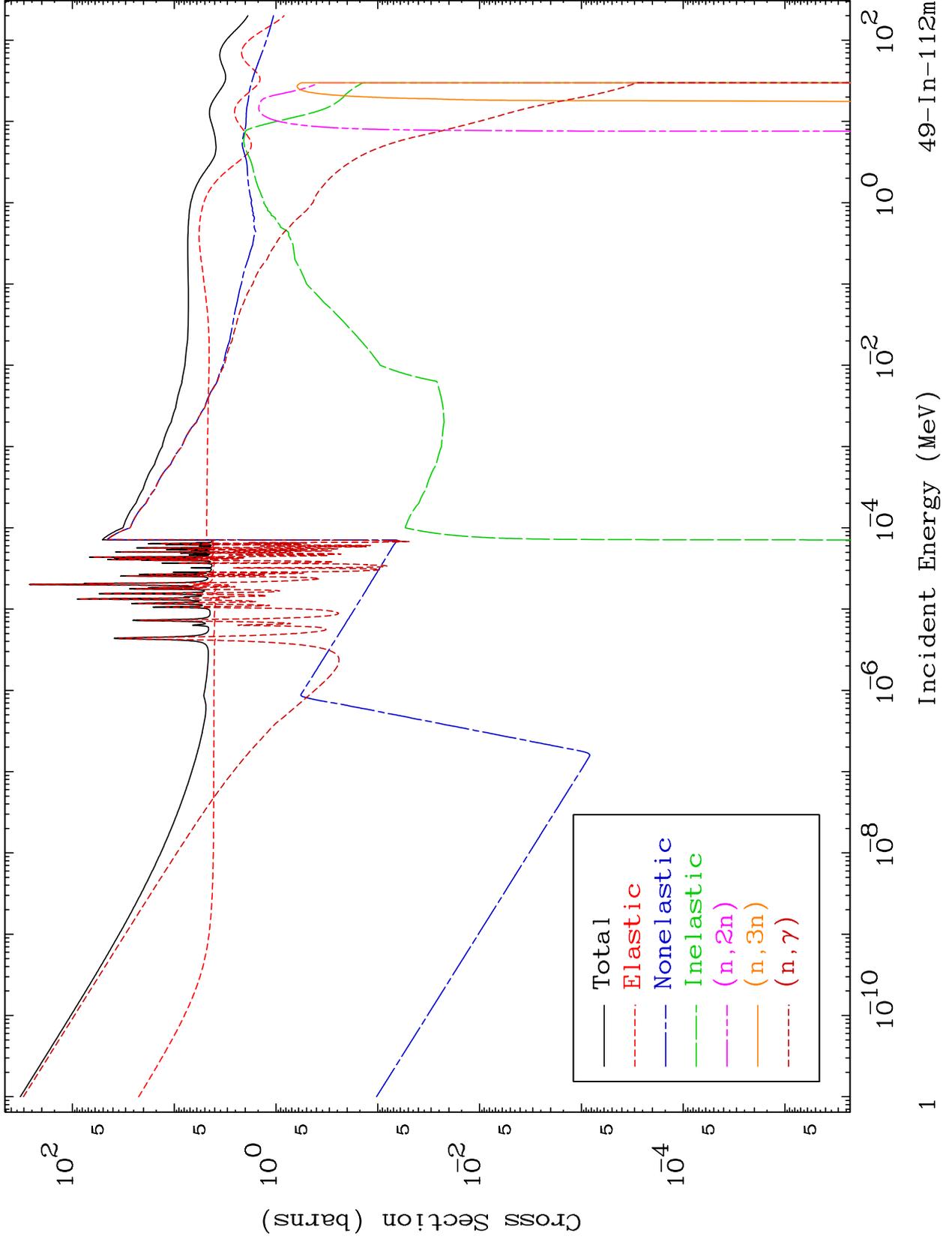
Web:redcullen1.net/HOMEPAGE.NEW

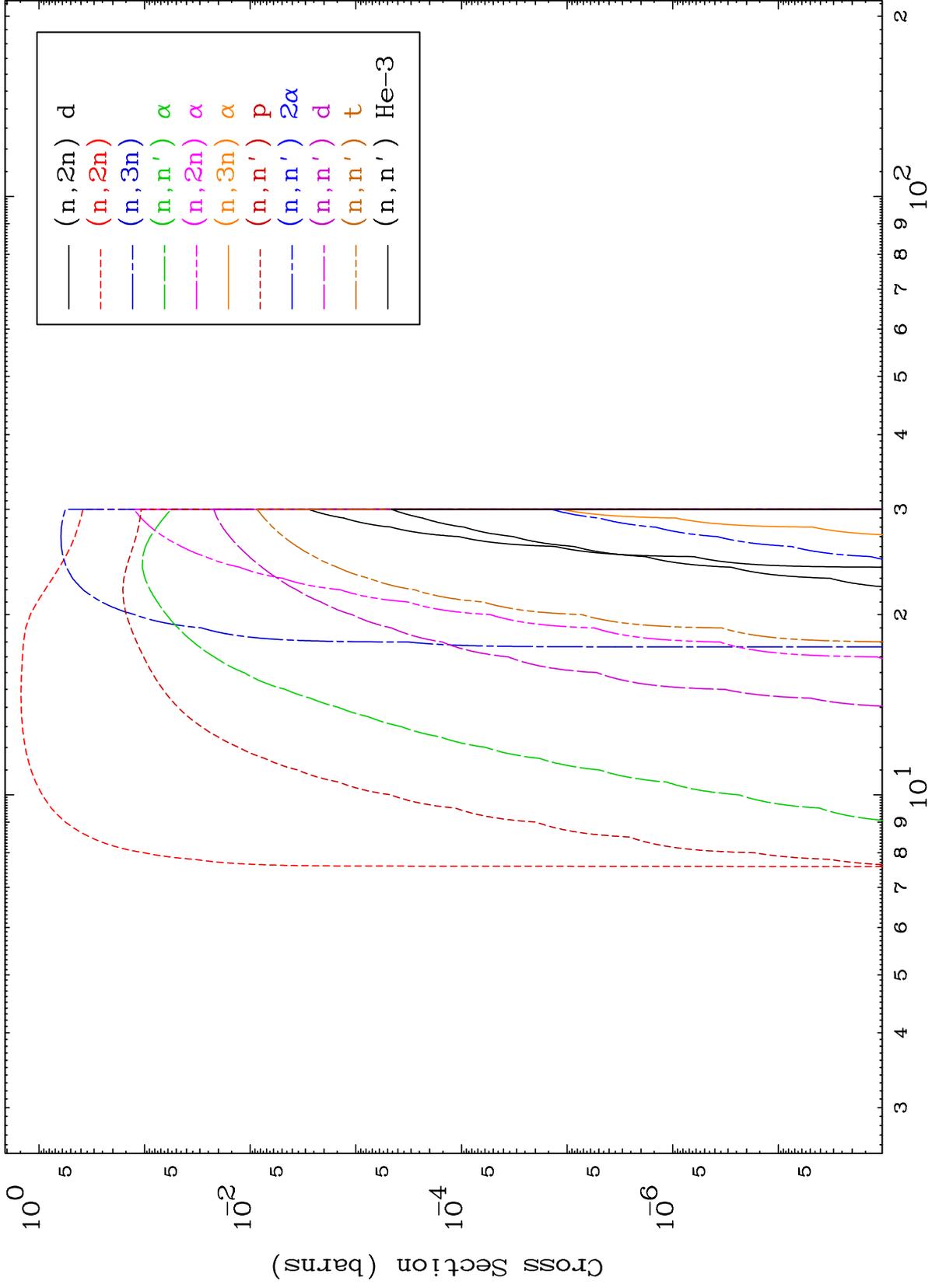
Press Mouse Button to Start

MAT 4923

Neutron Major  
293 Kelvin Cross Sections

49-In-112m

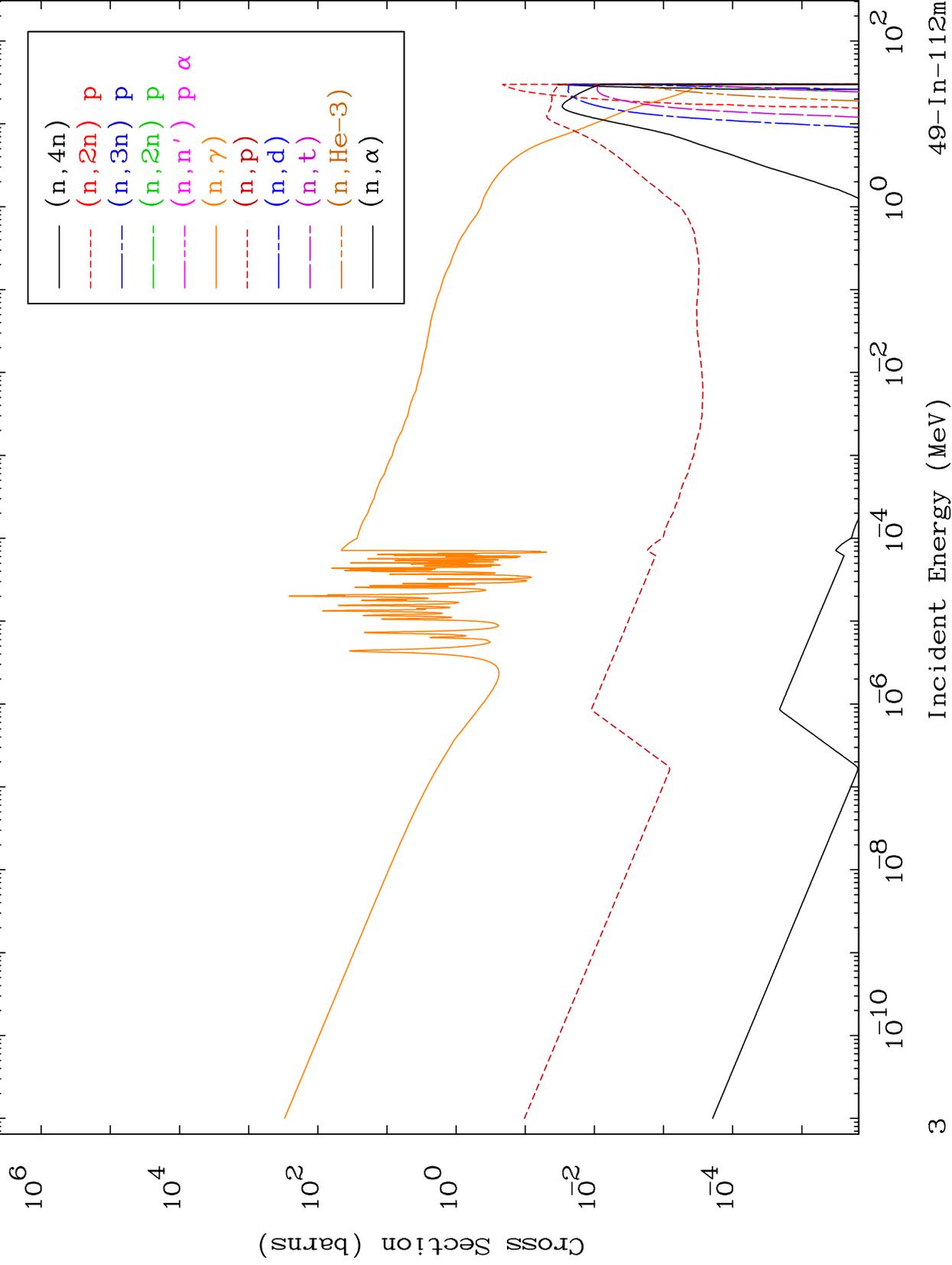




MAT 4923

Neutron Absorption  
293 Kelvin Cross Sections

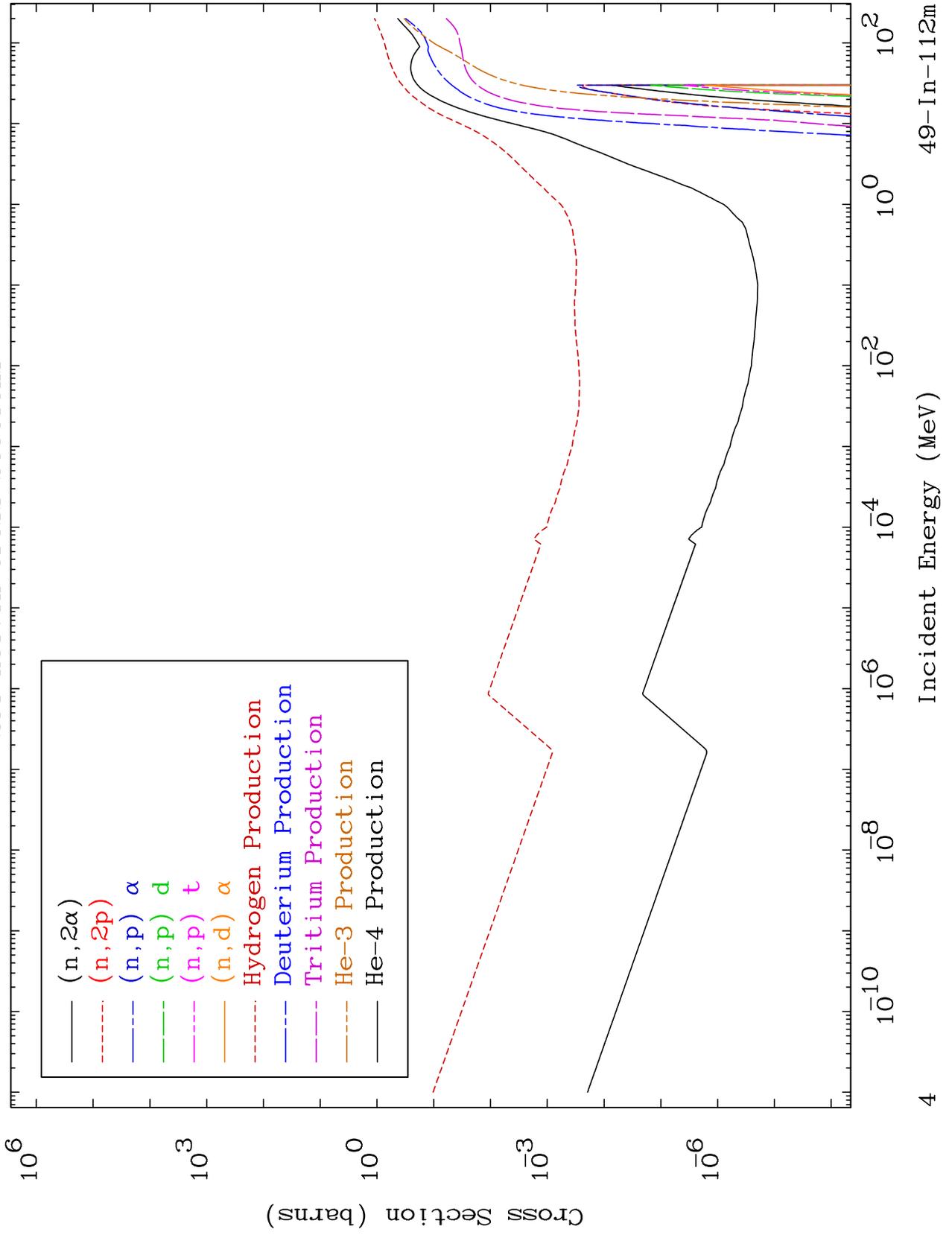
49-In-112m



MAT 4923

Neutron Absorption  
293 Kelvin Cross Sections

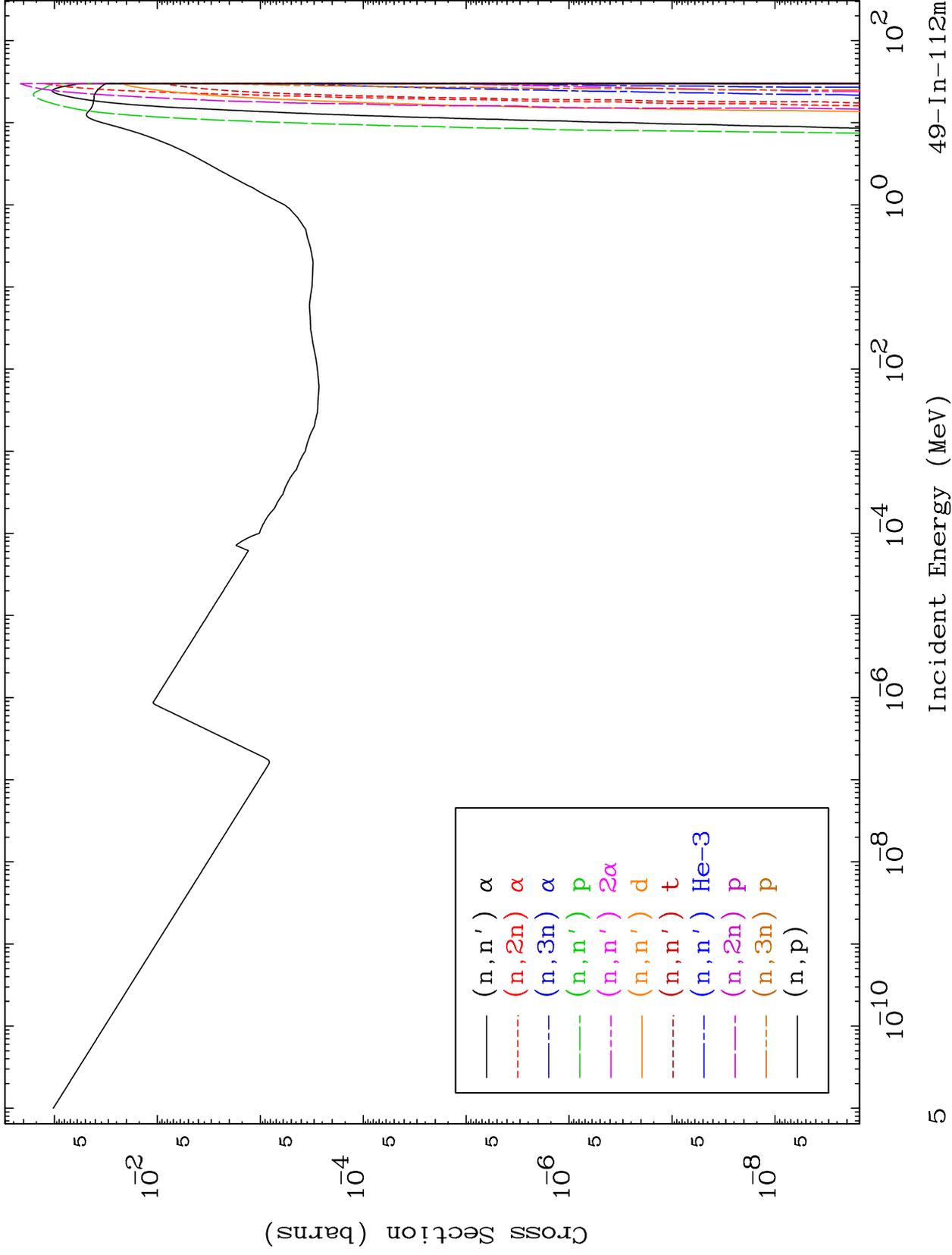
49-In-112m



MAT 4923

Charged Particle  
293 Kelvin Cross Sections

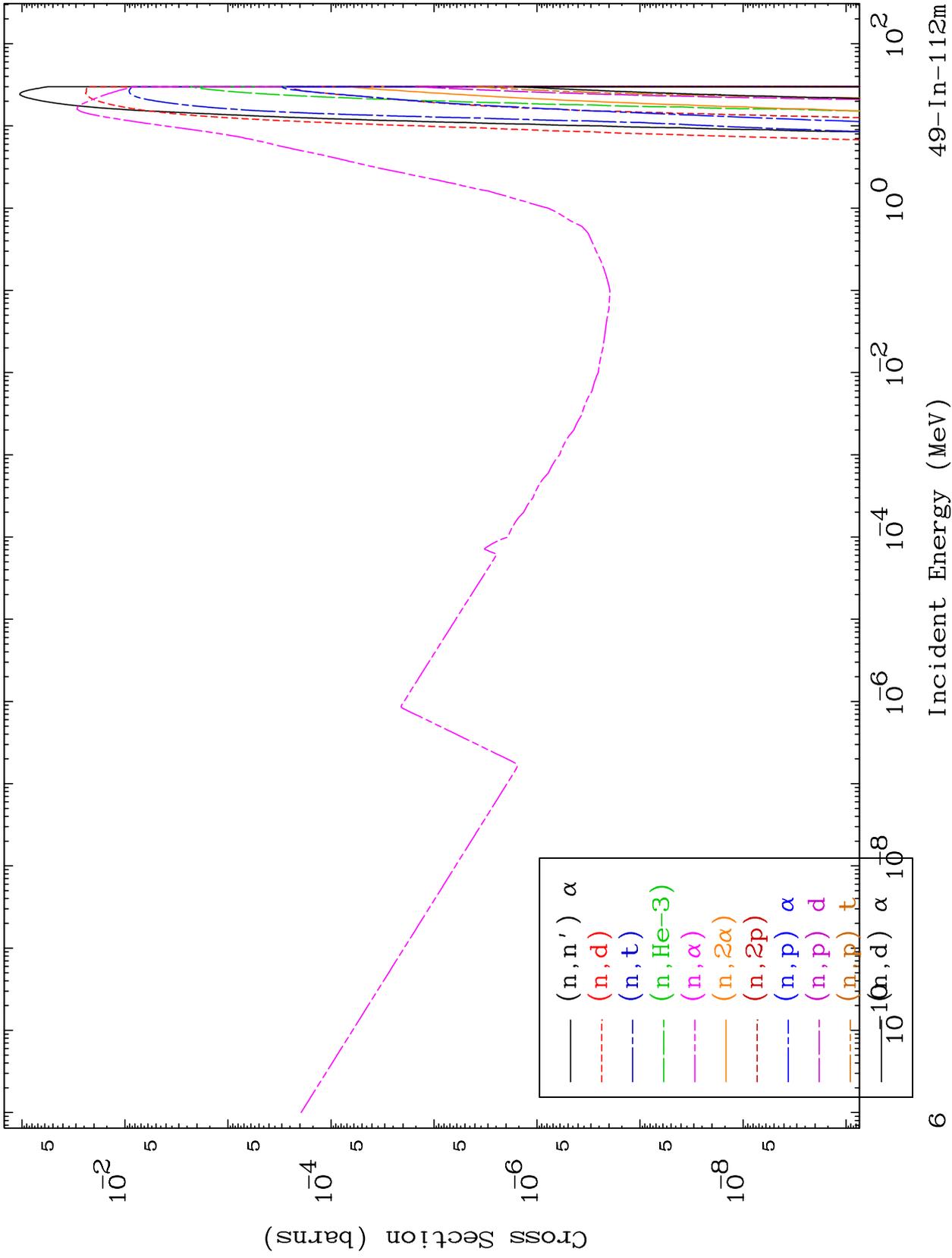
49-In-112m



MAT 4923

Charged Particle  
293 Kelvin Cross Sections

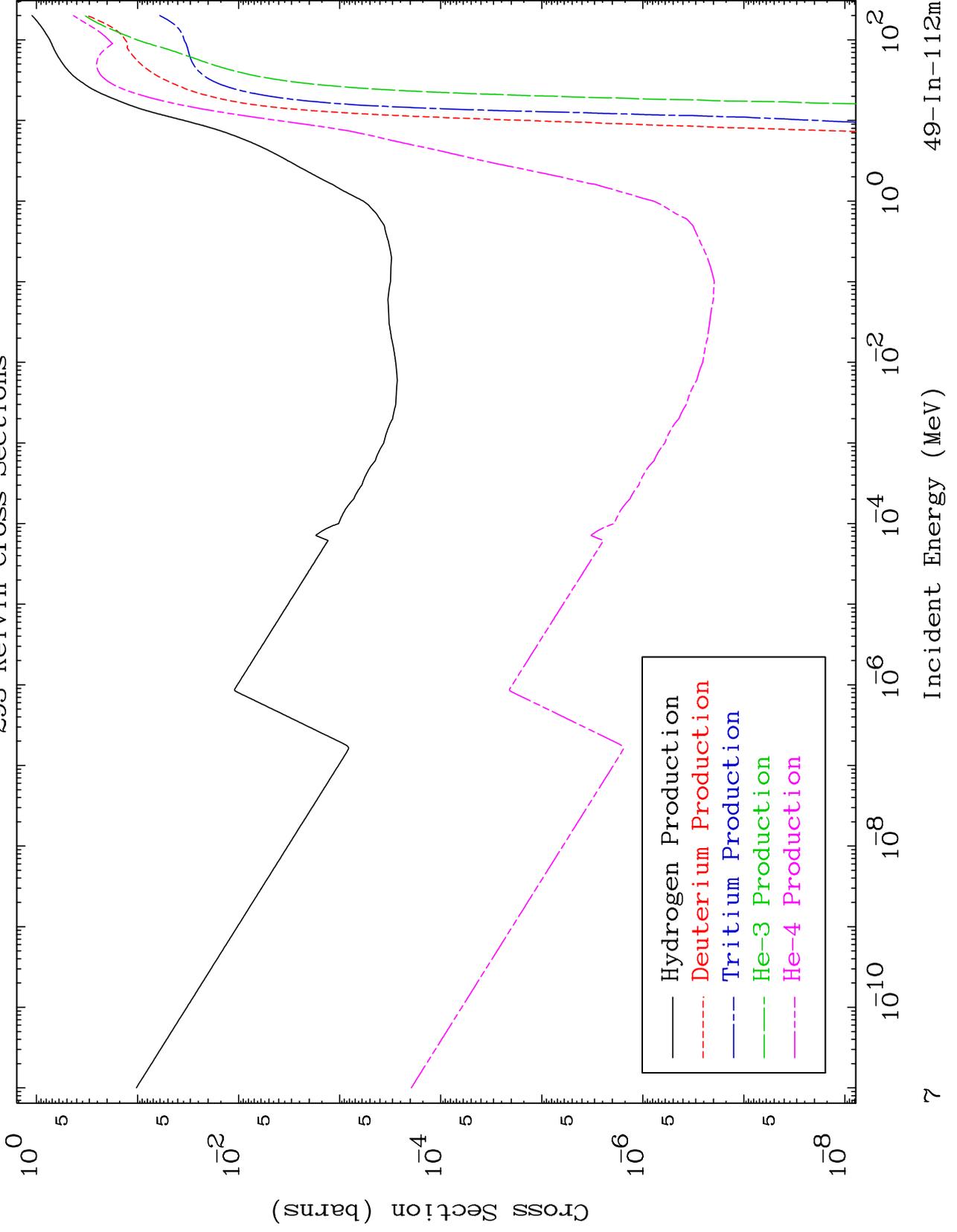
49-In-112m



MAT 4923

Particle Production  
293 Kelvin Cross Sections

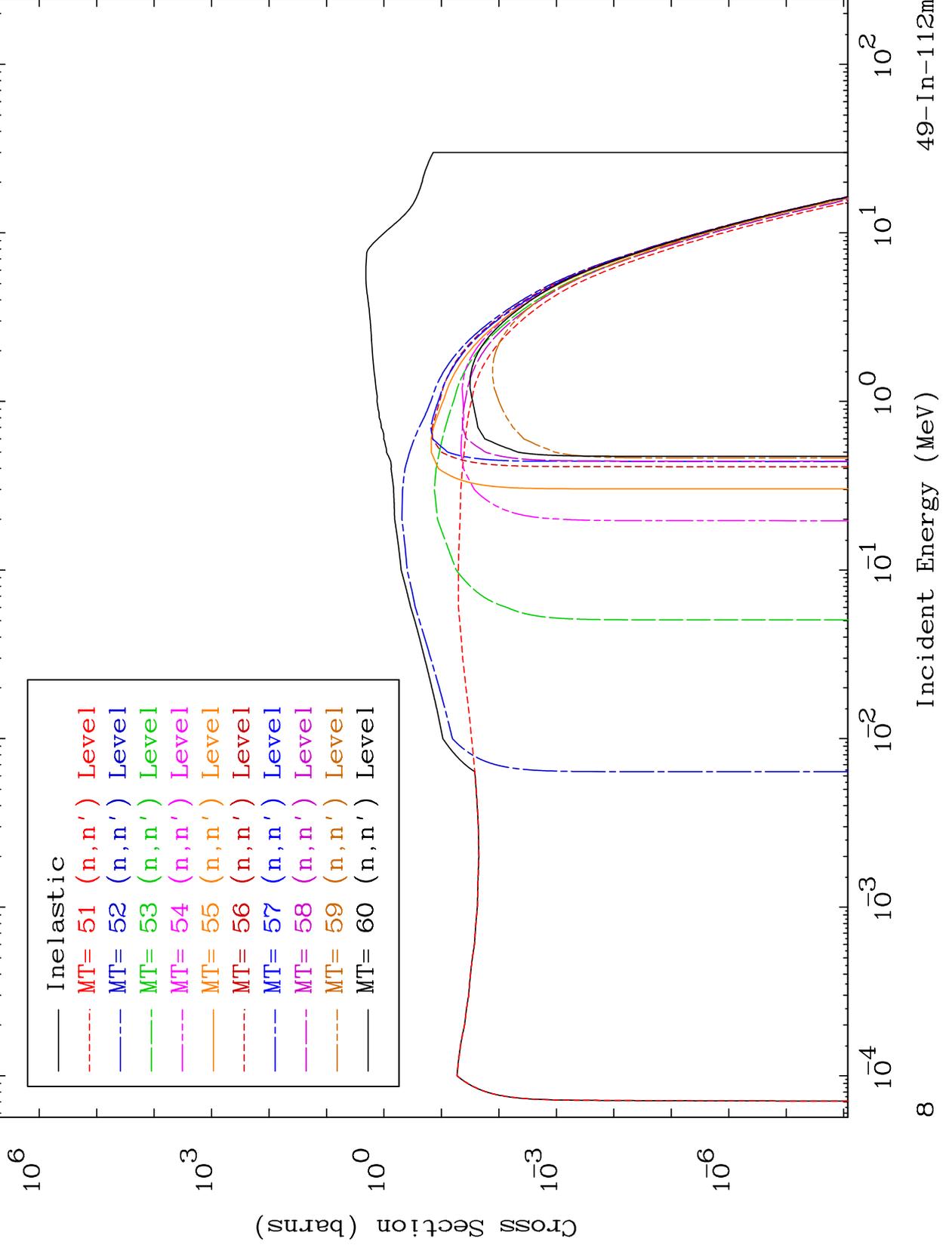
49-In-112m



MAT 4923

(n,n') Levels  
293 Kelvin Cross Sections

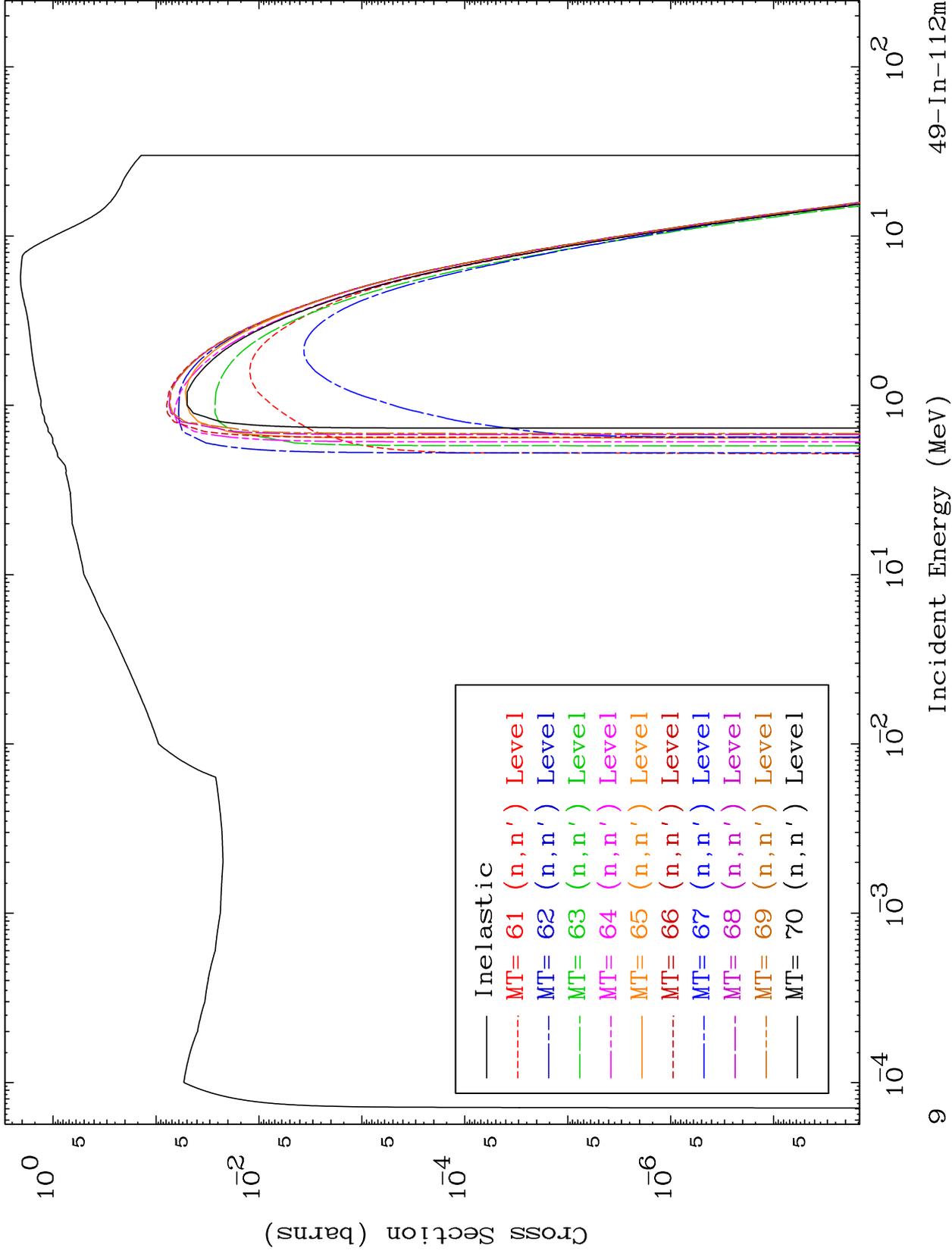
49-In-112m



MAT 4923

(n,n') Levels  
293 Kelvin Cross Sections

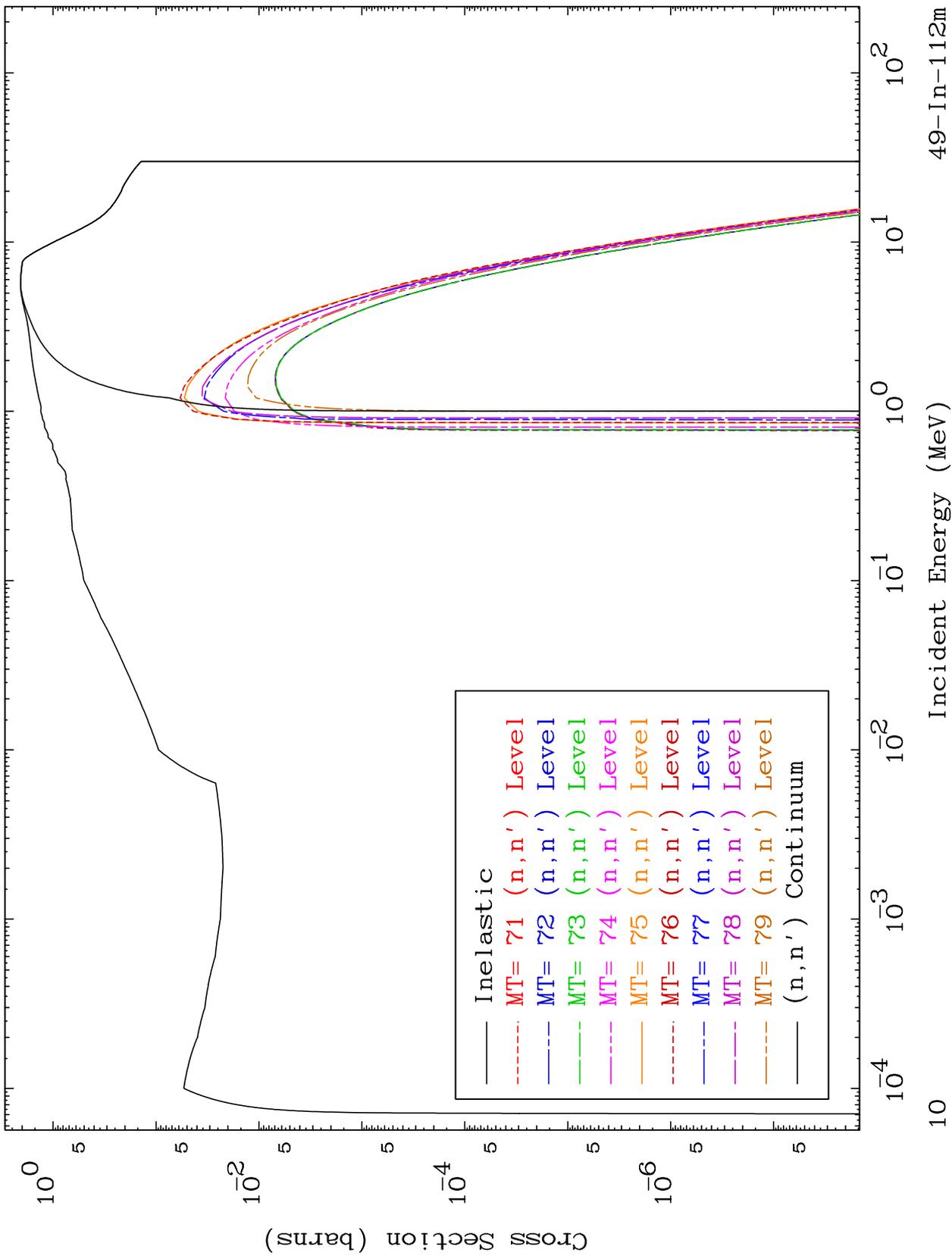
49-In-112m



MAT 4923

(n,n') Levels  
293 Kelvin Cross Sections

49-In-112m



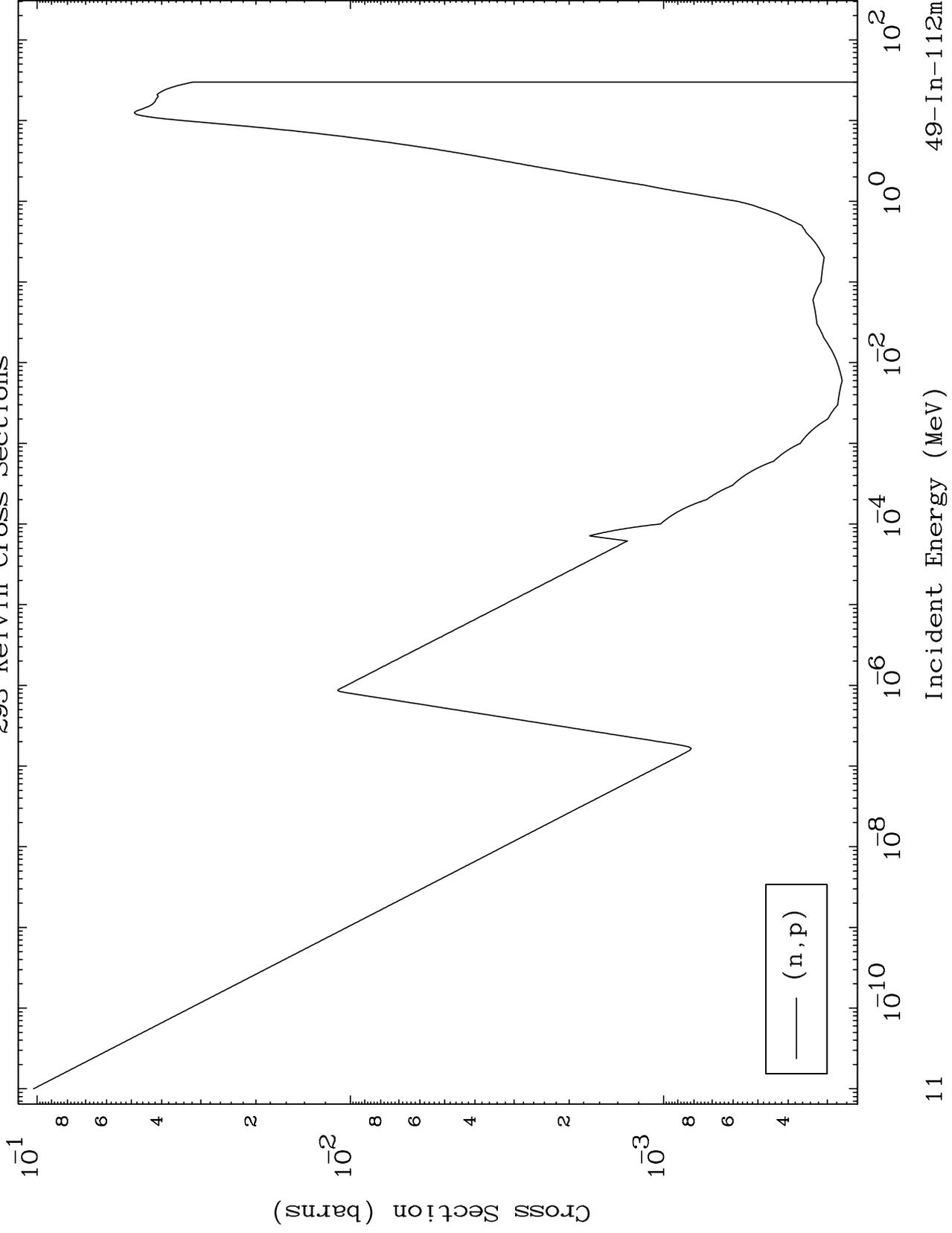
49-In-112m

Incident Energy (MeV)

MAT 4923

(n,p) Levels  
293 Kelvin Cross Sections

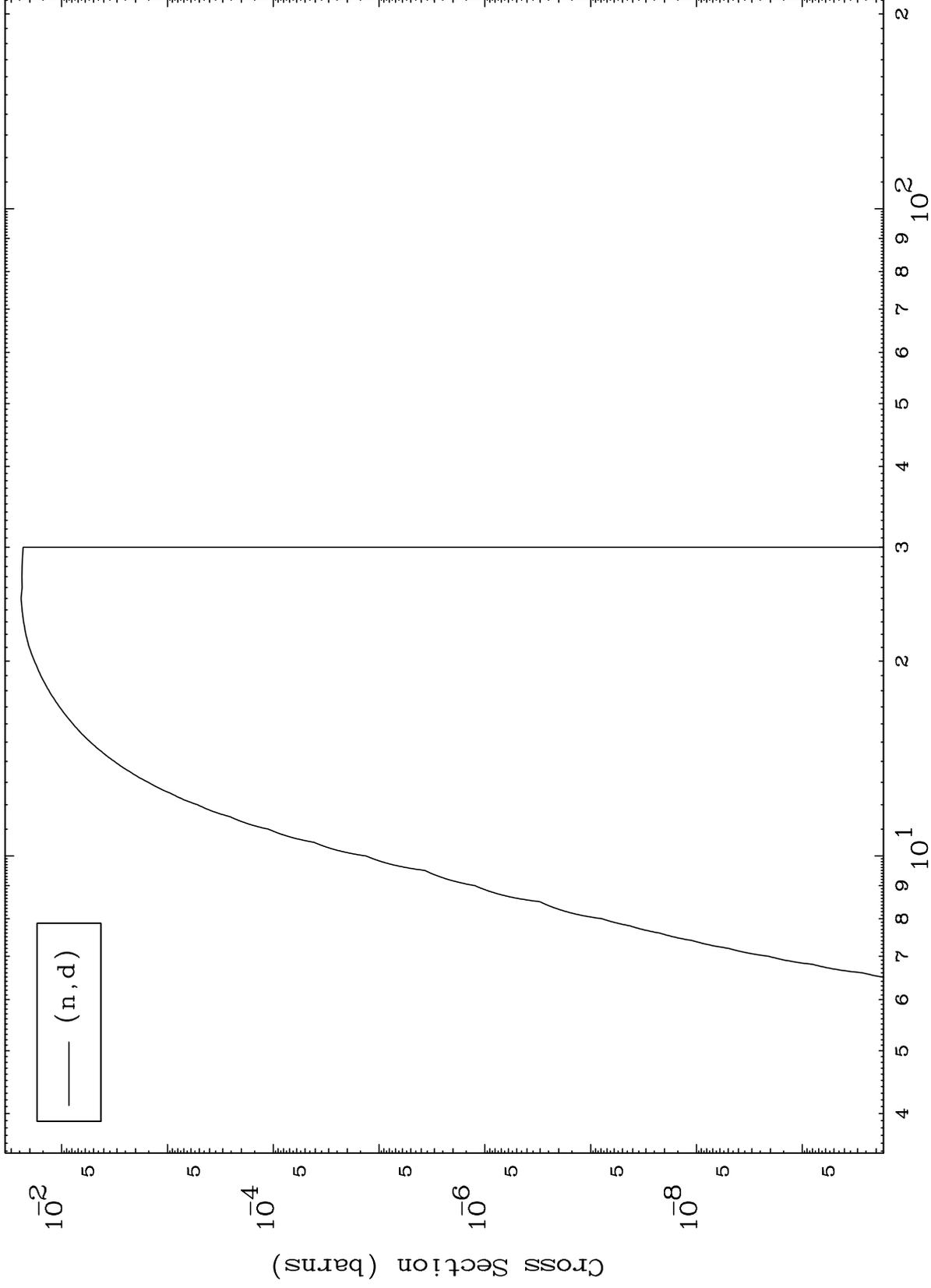
49-In-112m



MAT 4923

(n,d) Levels  
293 Kelvin Cross Sections

49-In-112m



12

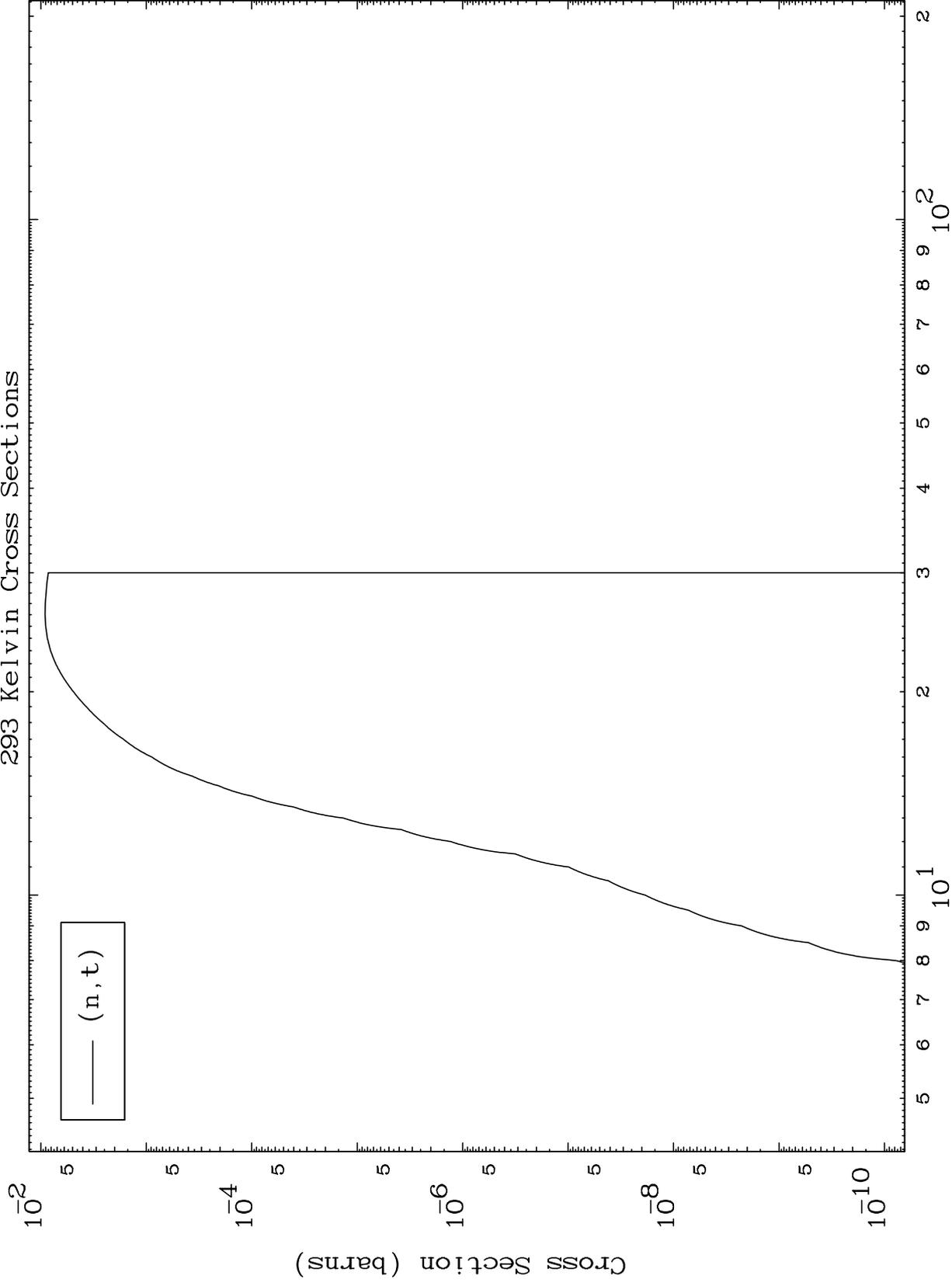
Incident Energy (MeV)

49-In-112m

MAT 4923

(n,t) Levels  
293 Kelvin Cross Sections

49-In-112m



13

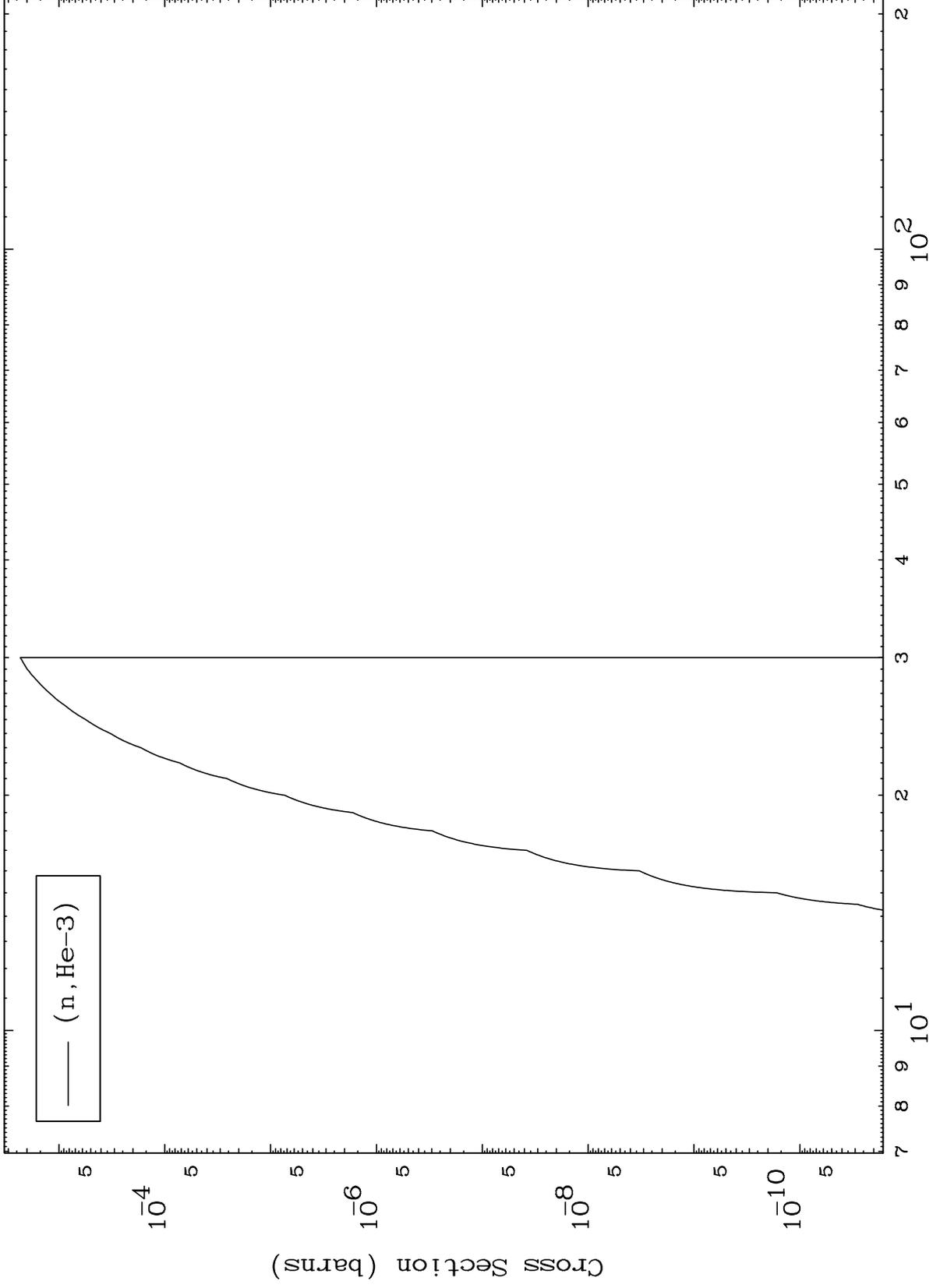
Incident Energy (MeV)

49-In-112m

MAT 4923

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-112m



14

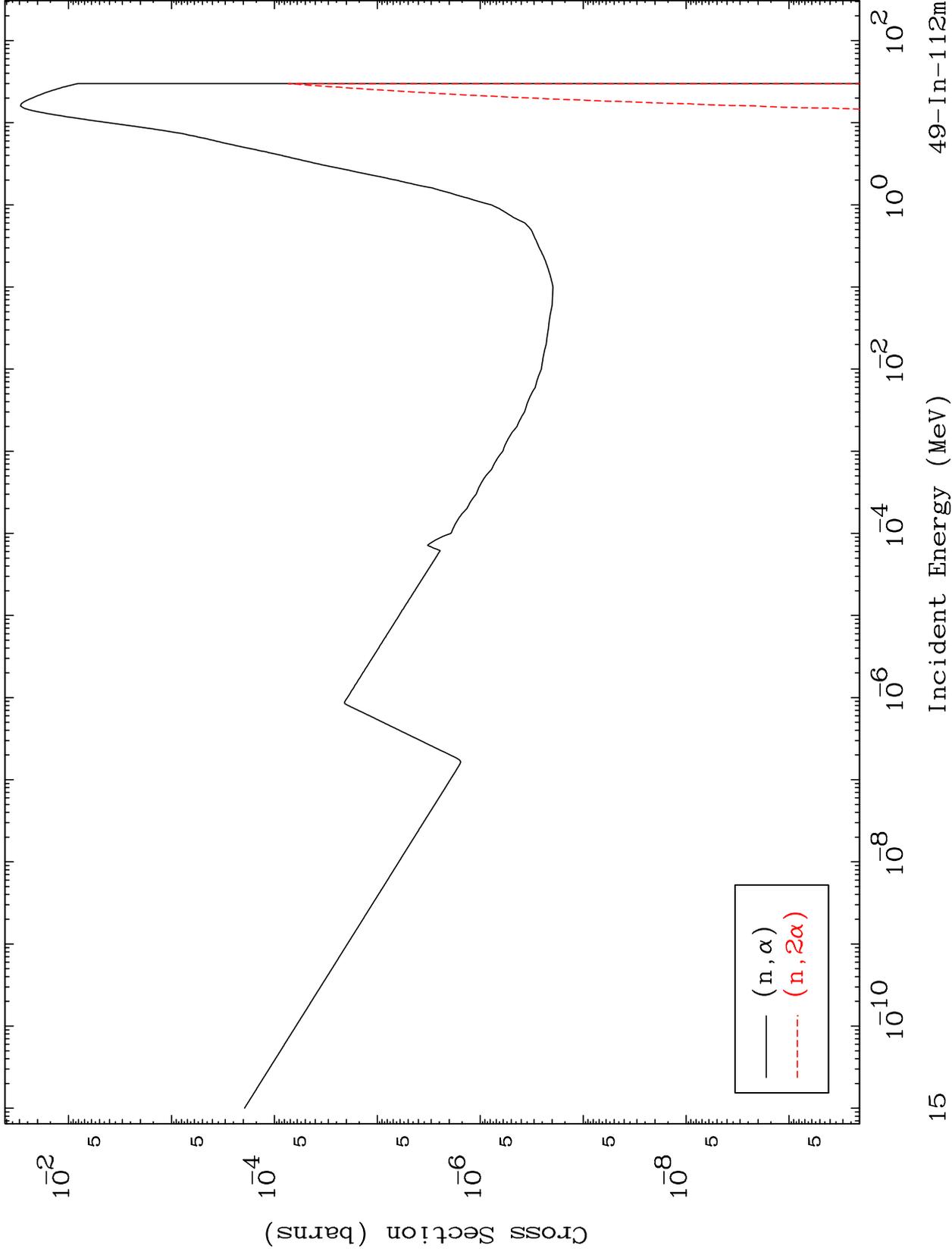
Incident Energy (MeV)

49-In-112m

MAT 4923

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

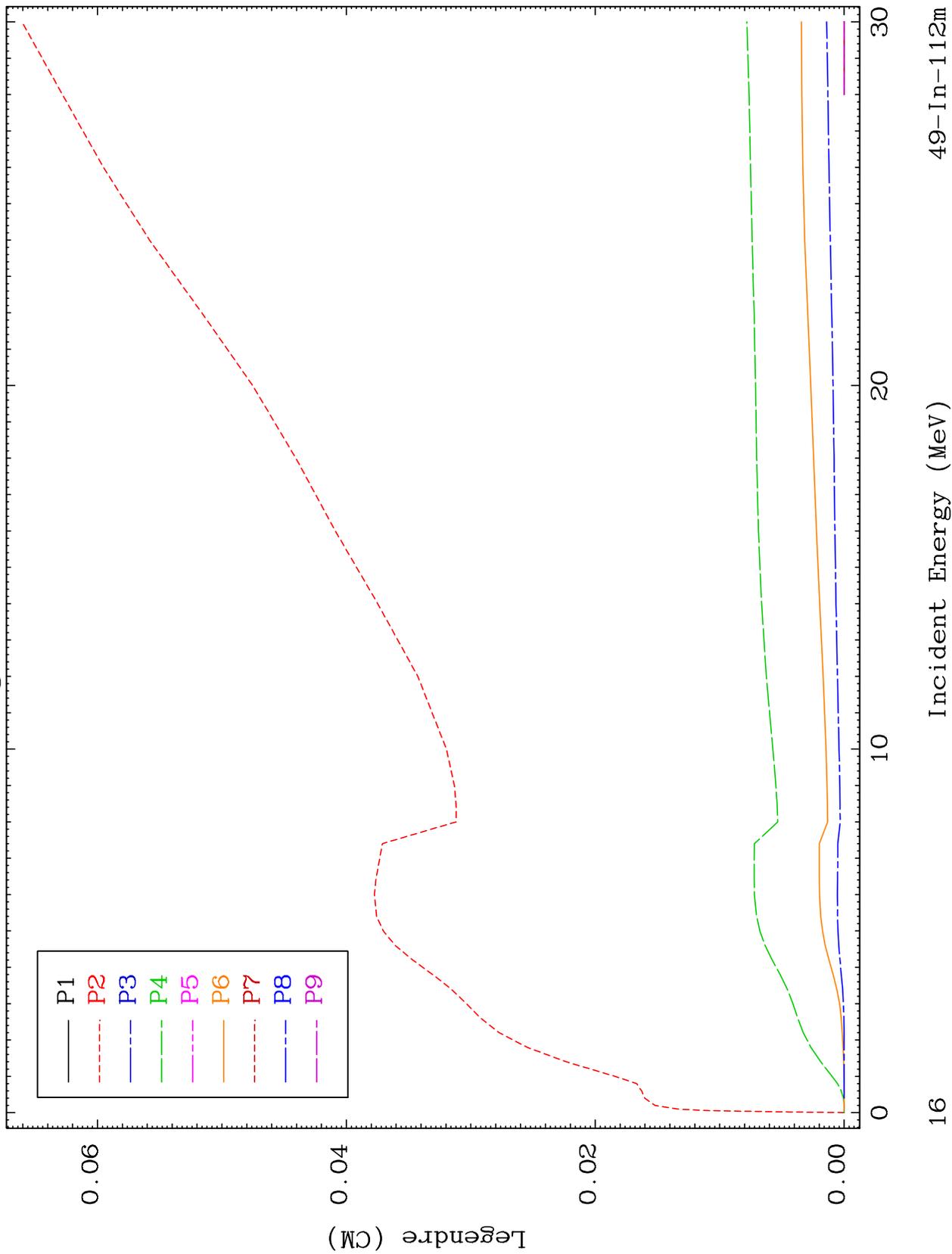
49-In-112m



MAT 4923

### Elastic Legendre Coefficients

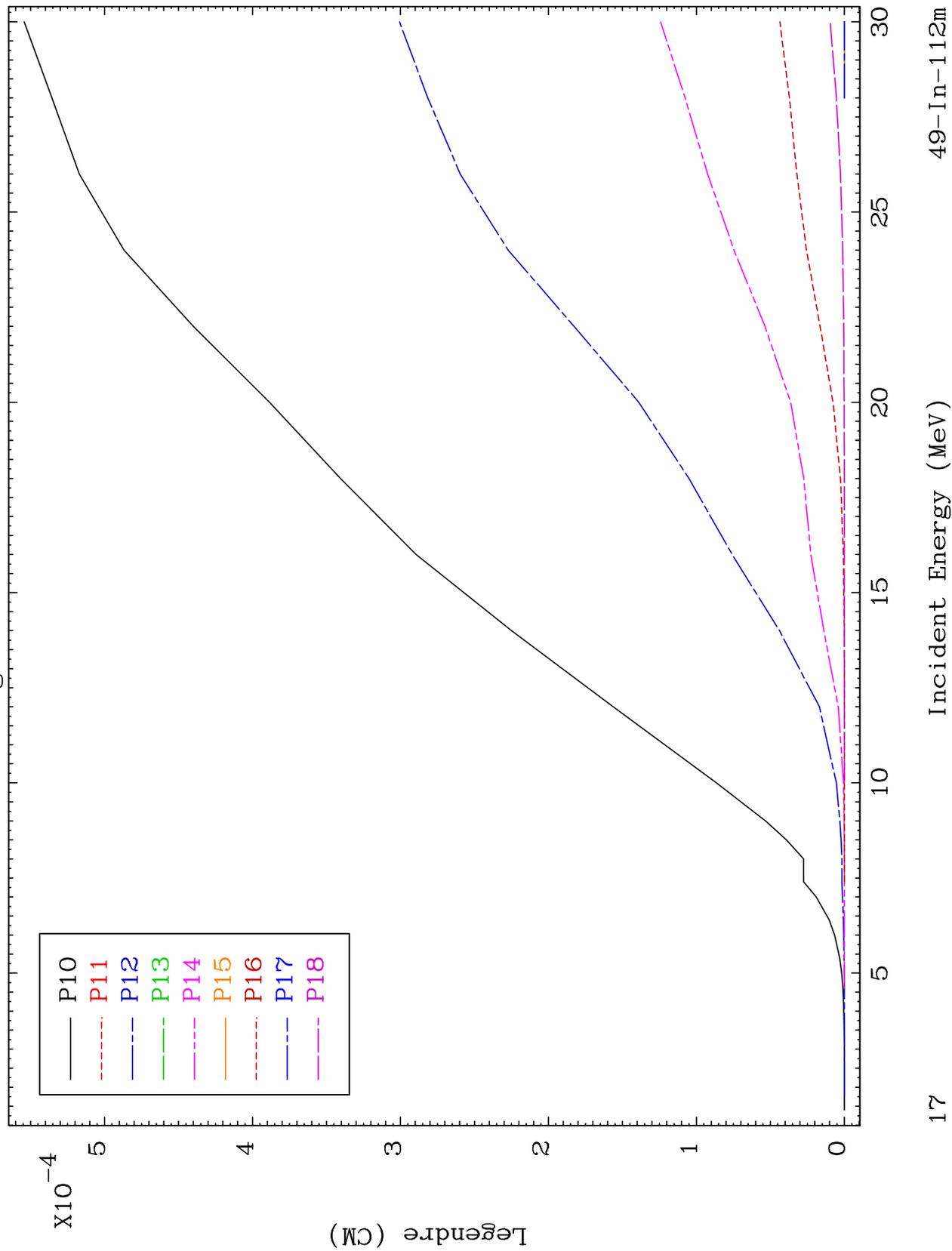
49-In-112m



MAT 4923

Elastic Legendre Coefficients

49-In-112m



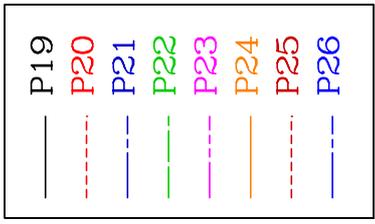
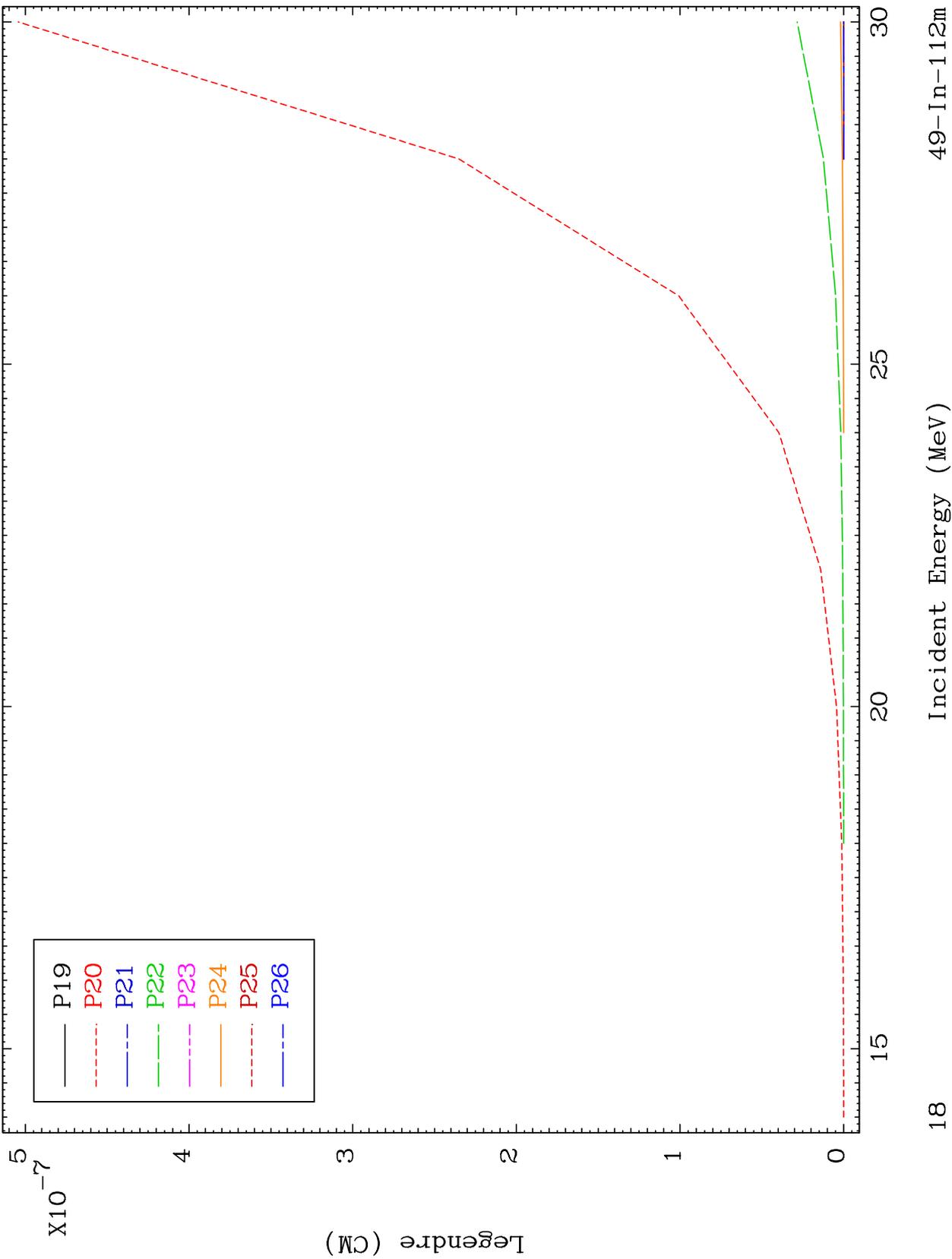
17

49-In-112m

MAT 4923

Elastic Legendre Coefficients

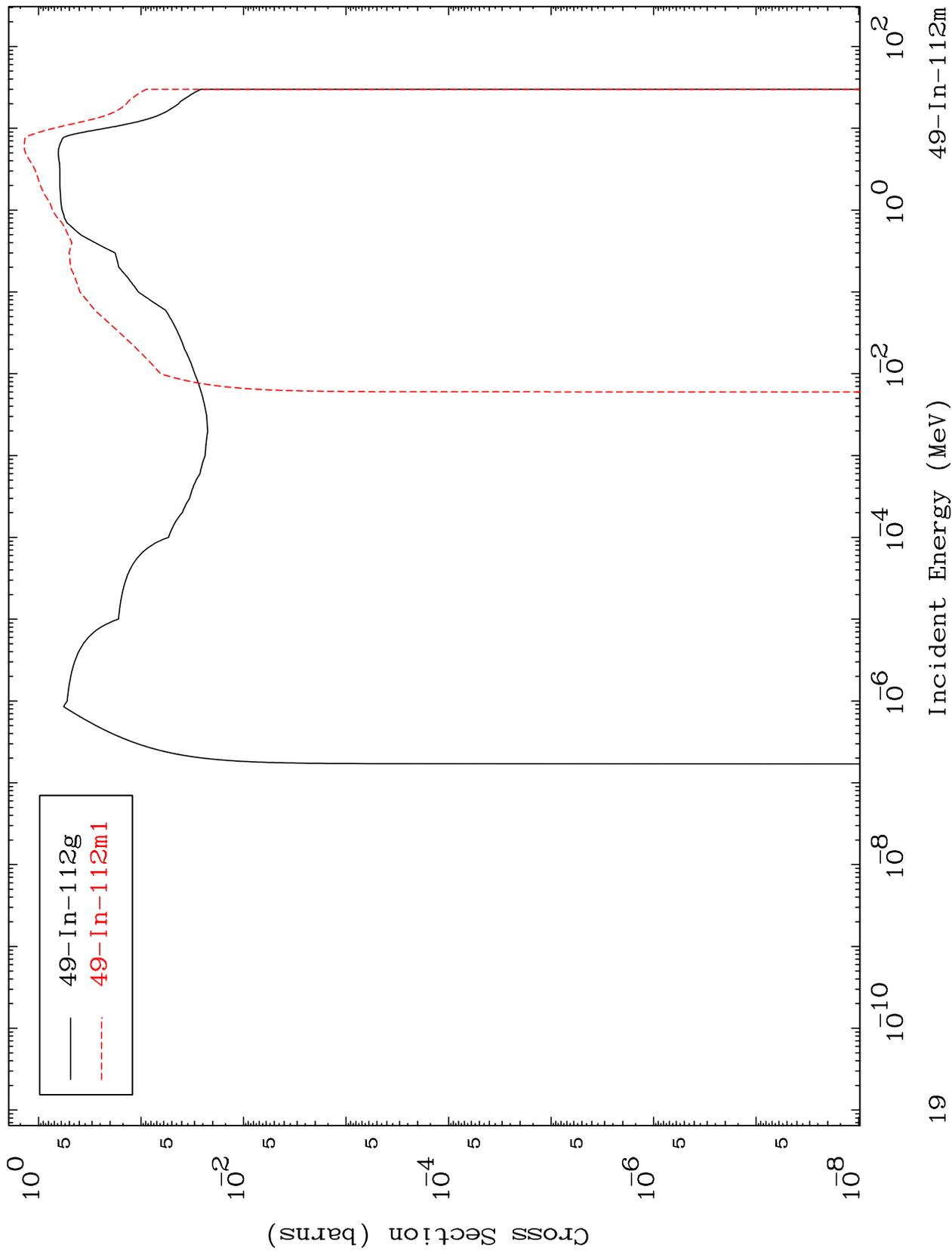
49-In-112m



MAT 4923

49-In-112m

Inelastic  
Radionuclide Production Cross Section

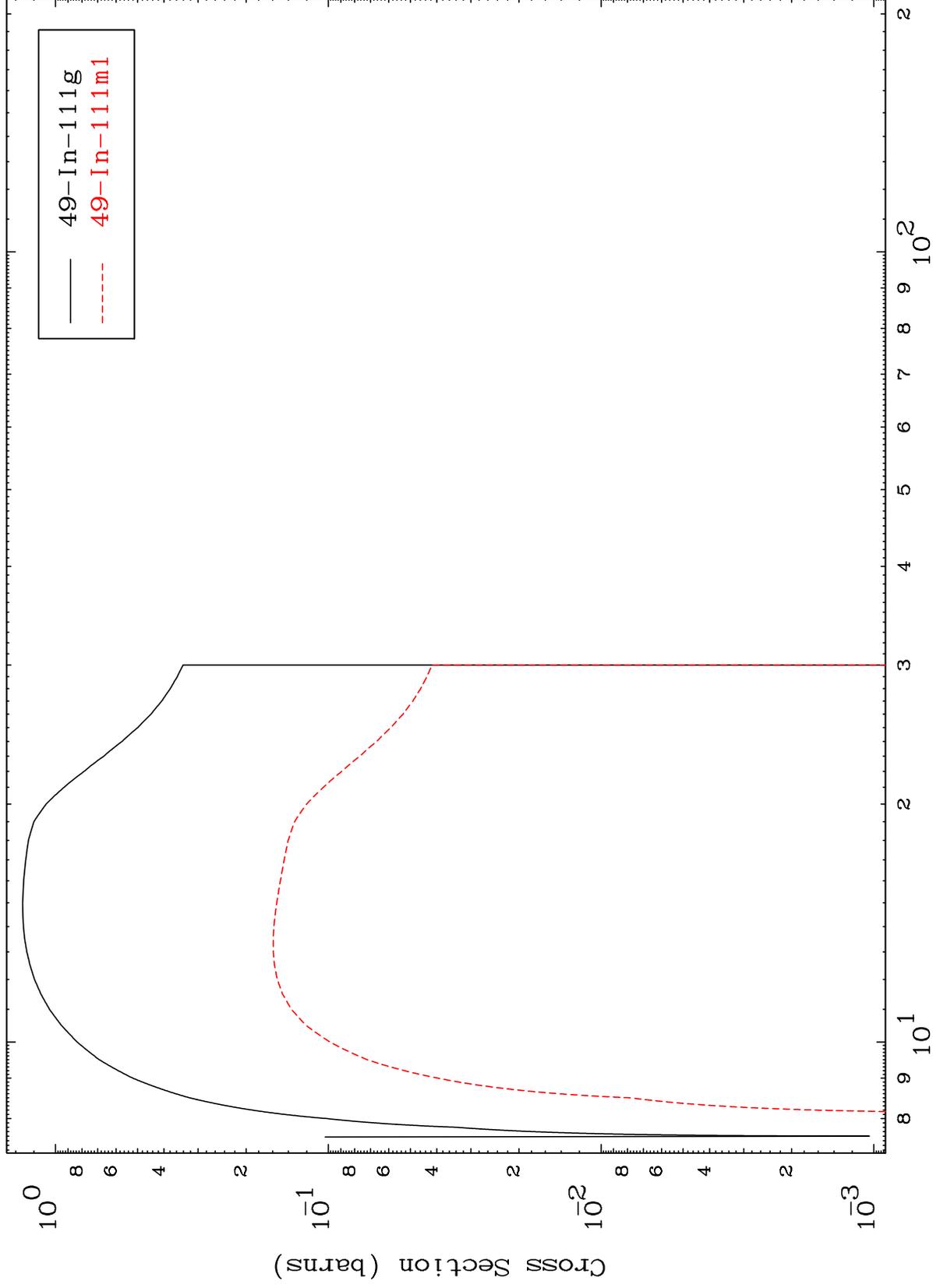


MAT 4923

(n,2n)

49-In-112m

Radionuclide Production Cross Section



20

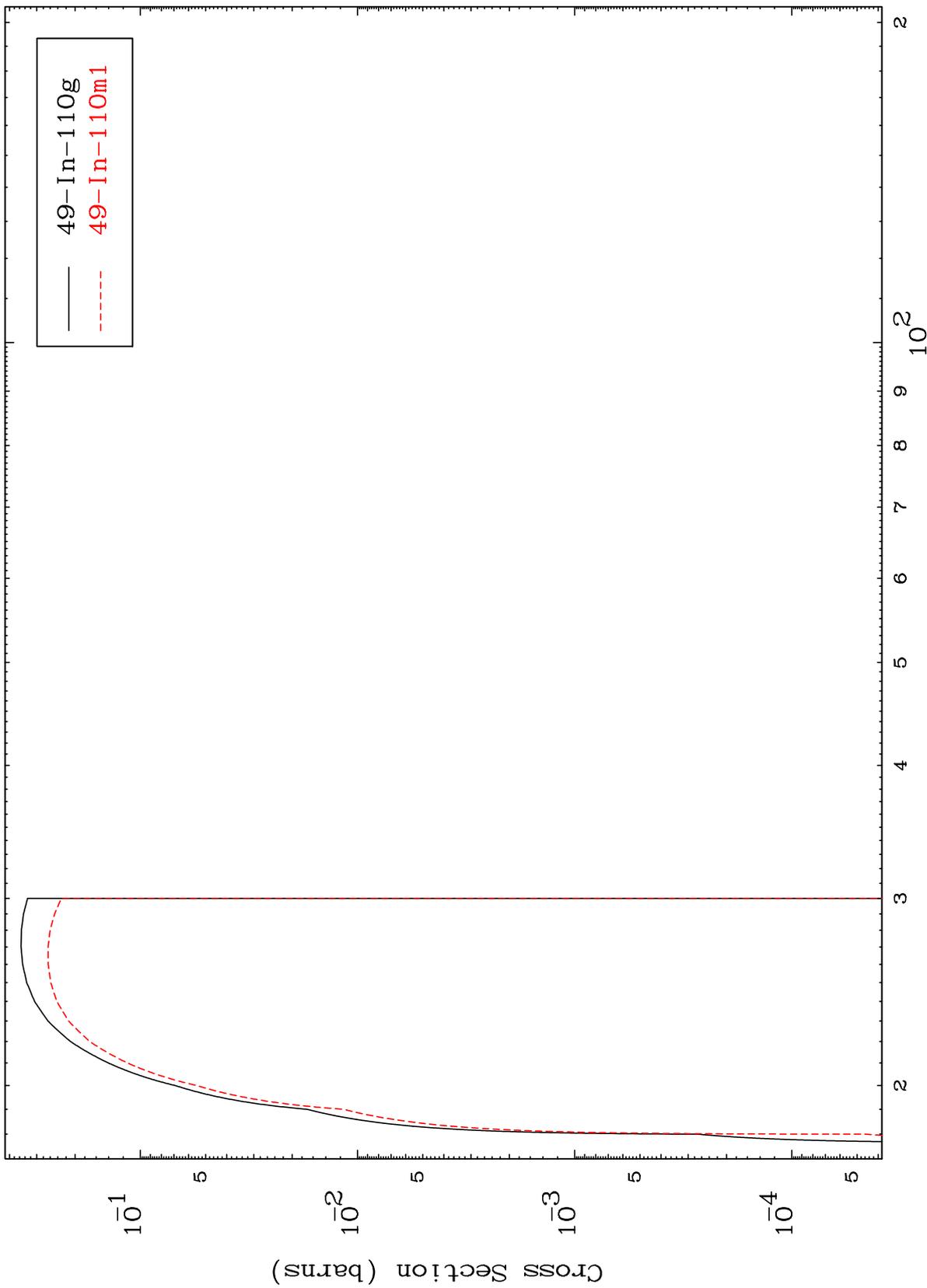
Incident Energy (MeV)

49-In-112m

MAT 4923

49-In-112m

(n,3n)  
Radionuclide Production Cross Section



21

49-In-112m

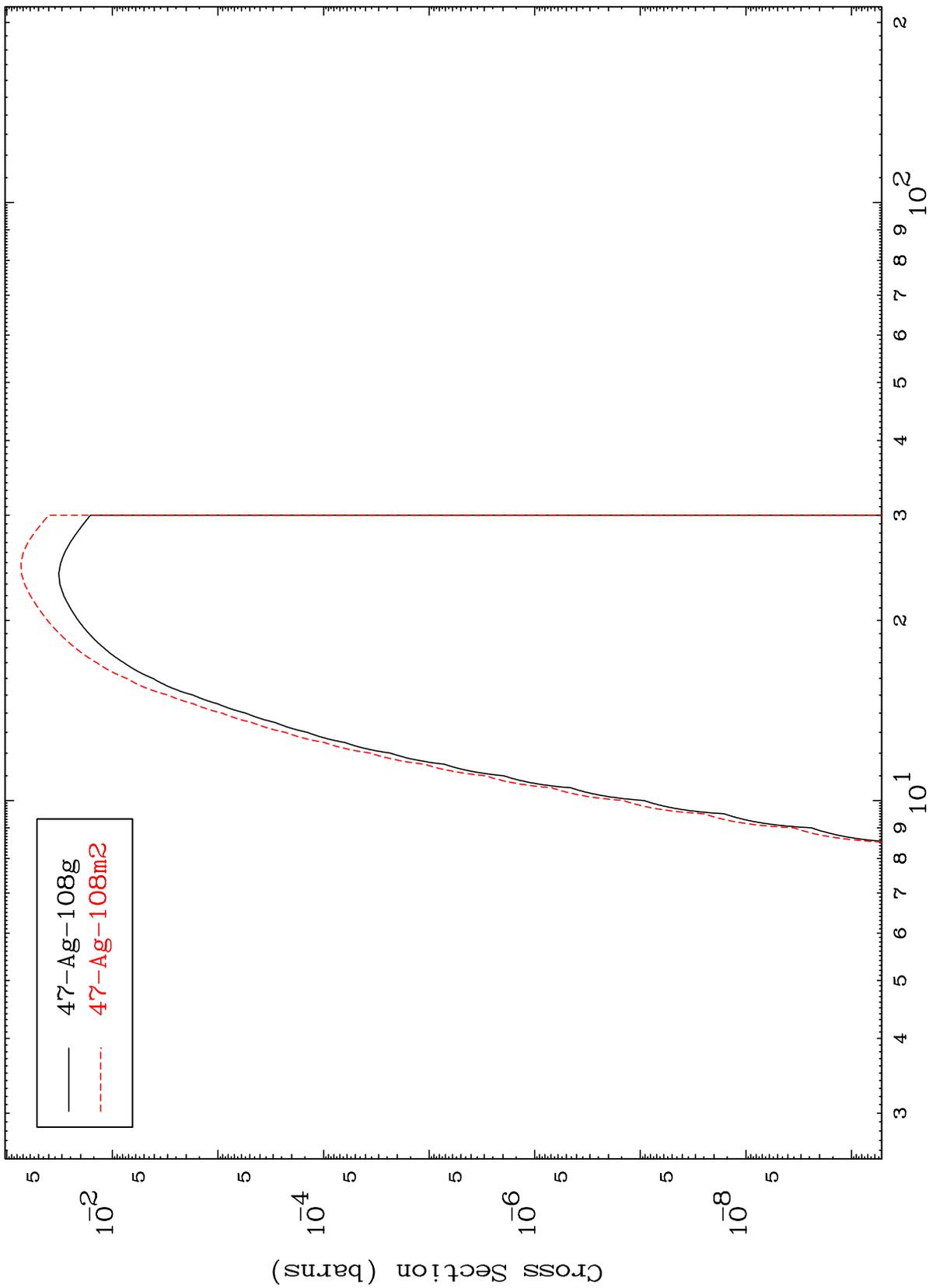
Incident Energy (MeV)

MAT 4923

49-In-112m

(n,n')  $\alpha$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

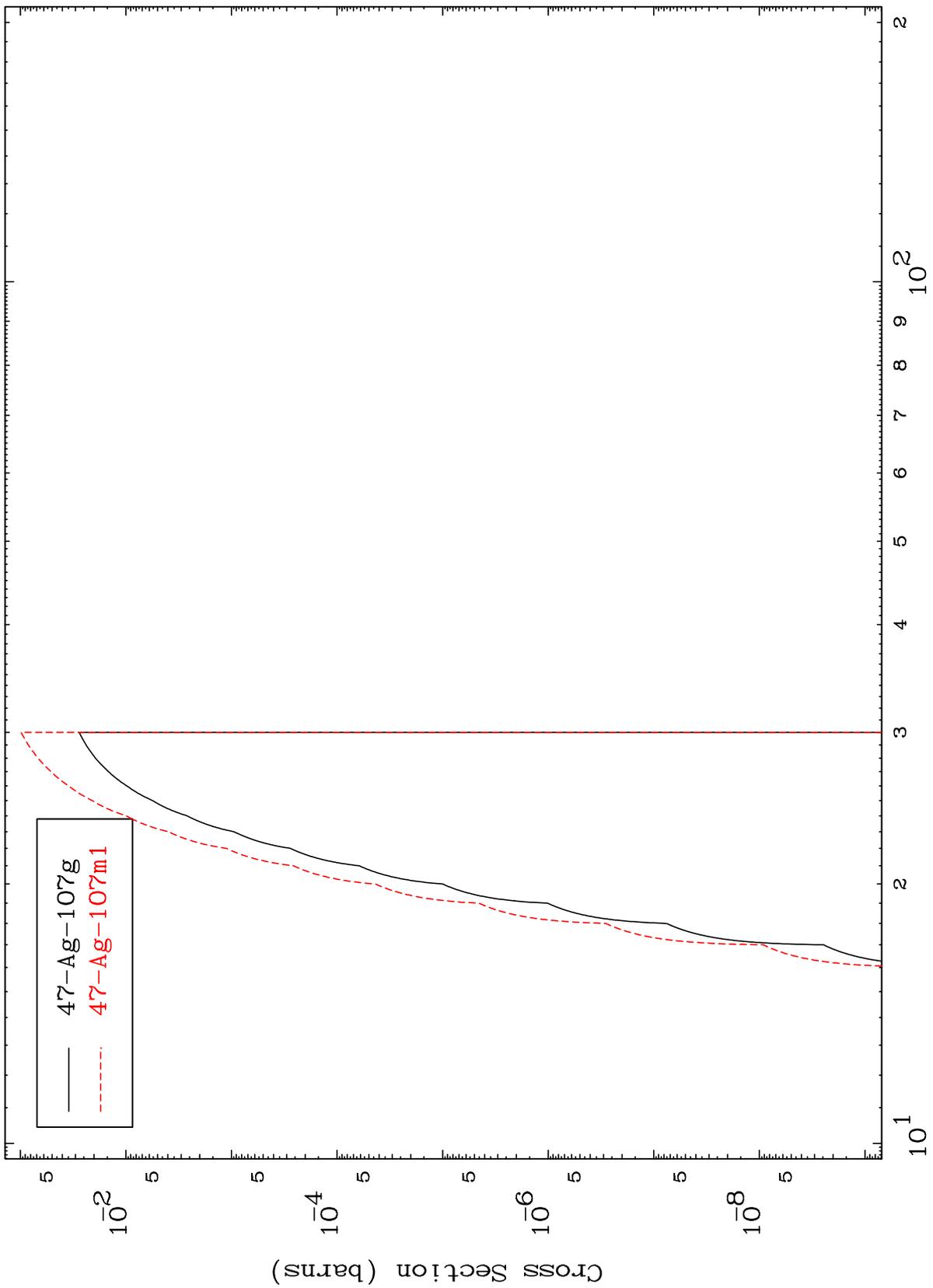
49-In-112m

MAT 4923

(n,2n)  $\alpha$

49-In-112m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-112m

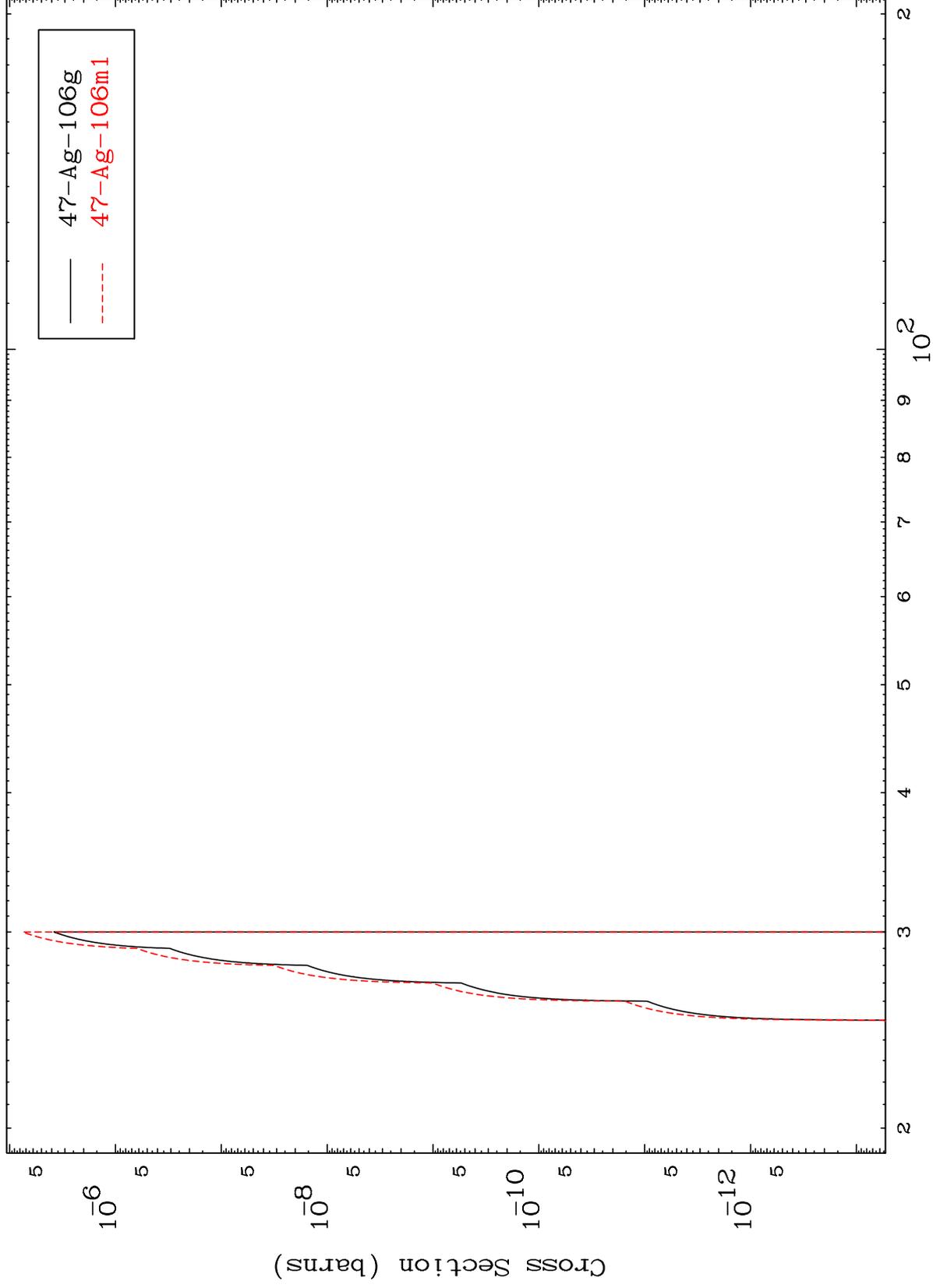
23

MAT 4923

(n,3n)  $\alpha$

49-In-112m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

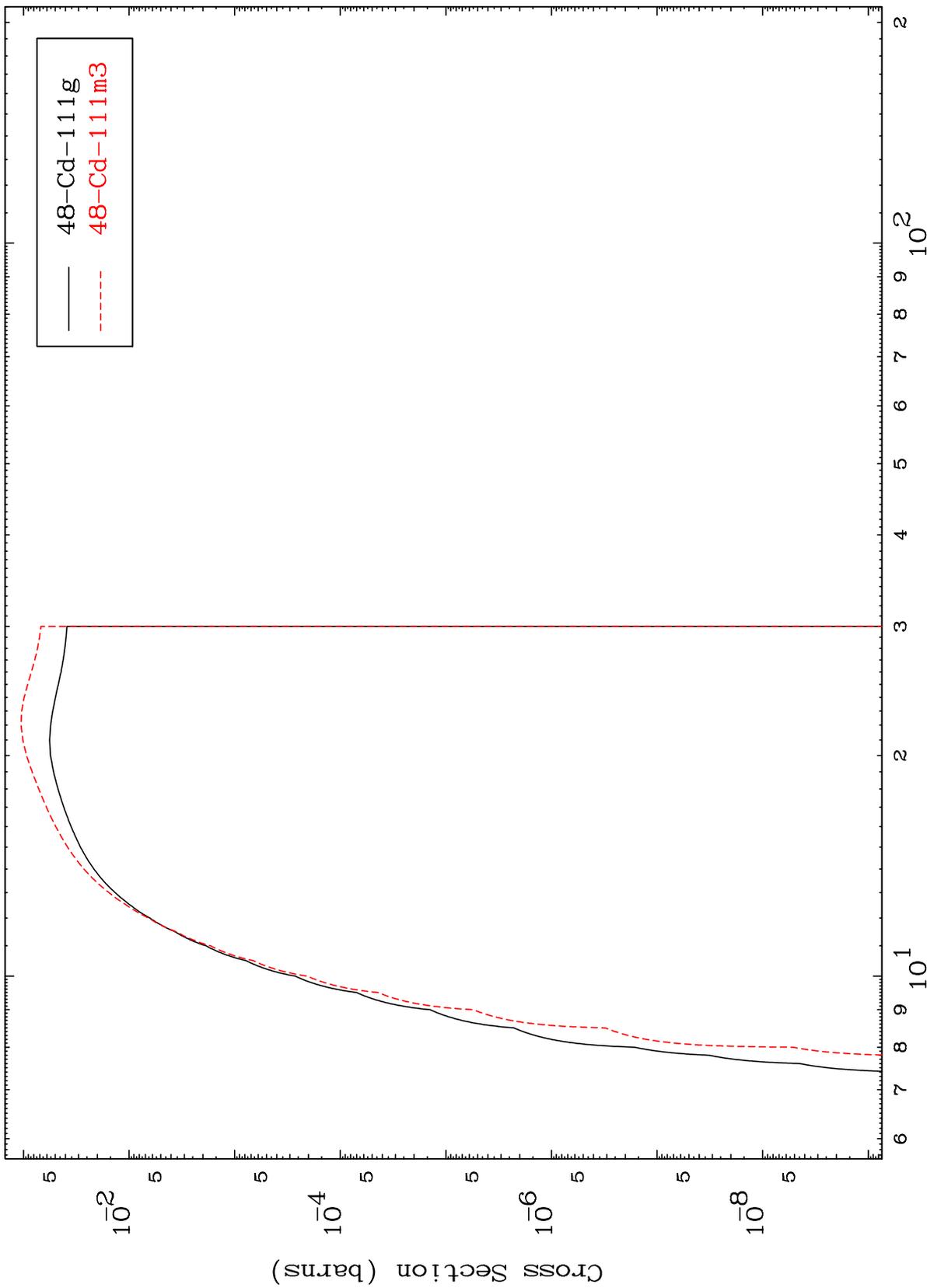
49-In-112m

MAT 4923

(n,n') p

49-In-112m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

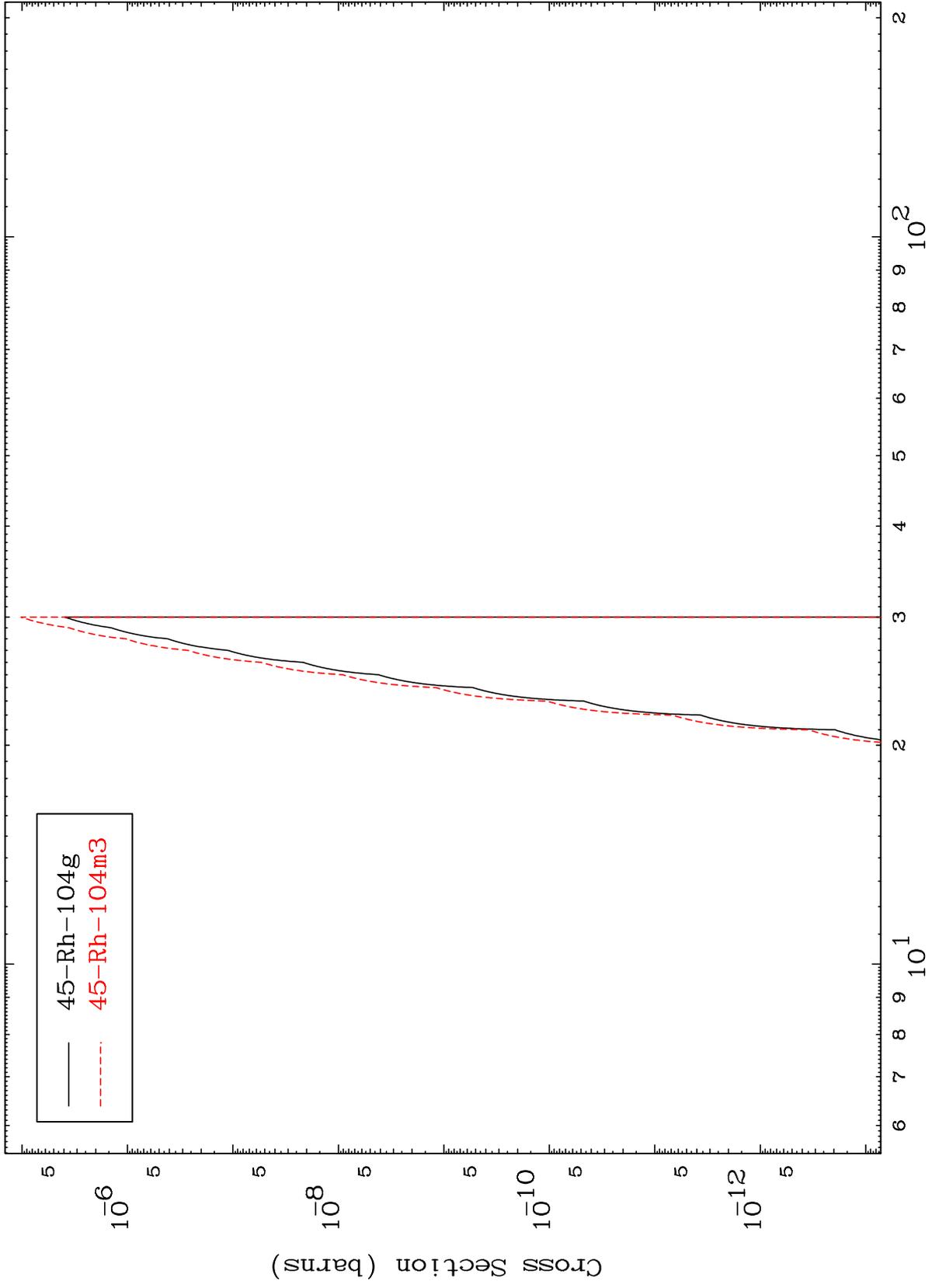
49-In-112m

MAT 4923

(n,n') 2α

49-In-112m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

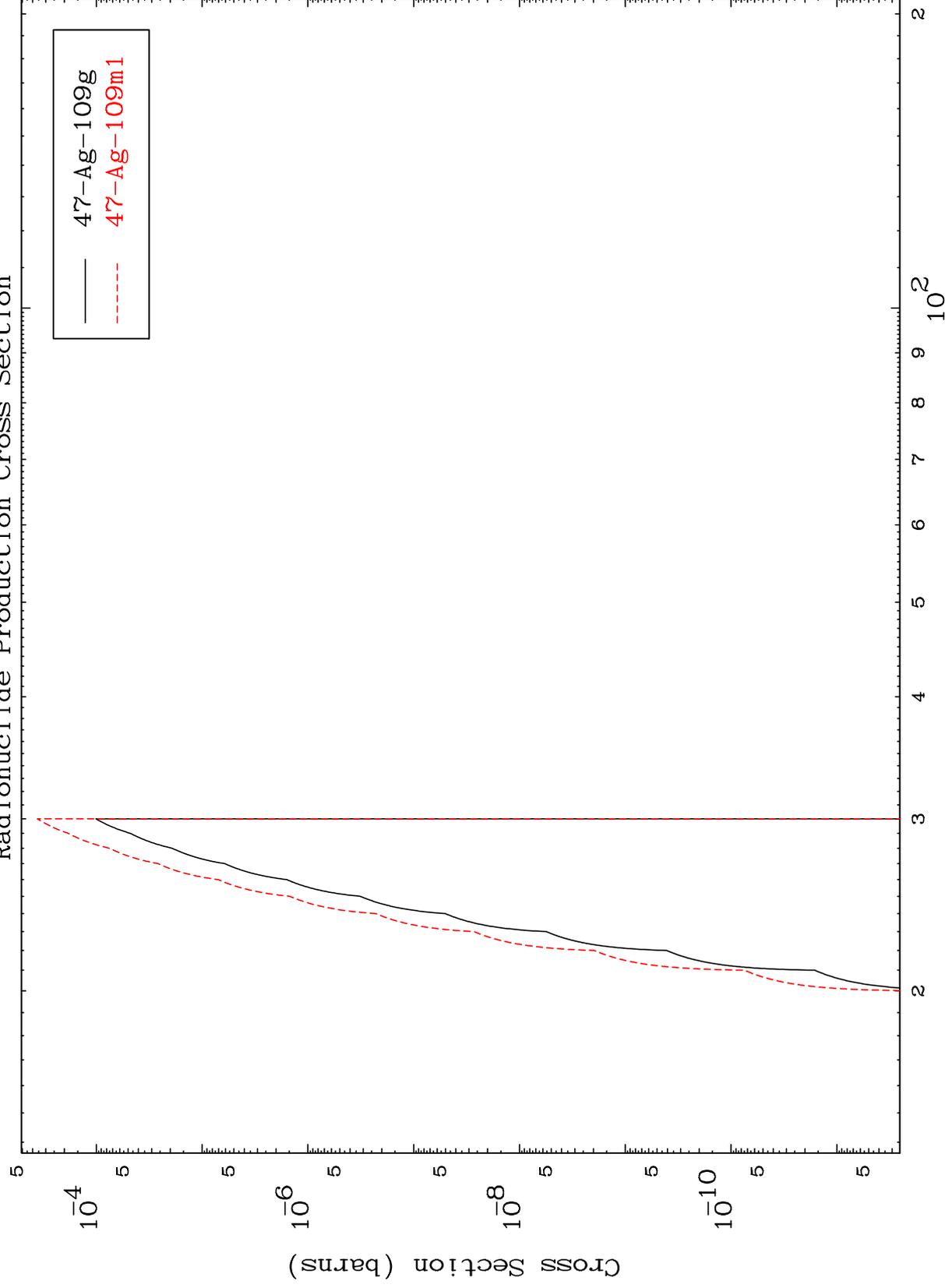
49-In-112m

MAT 4923

(n,n') He-3

49-In-112m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

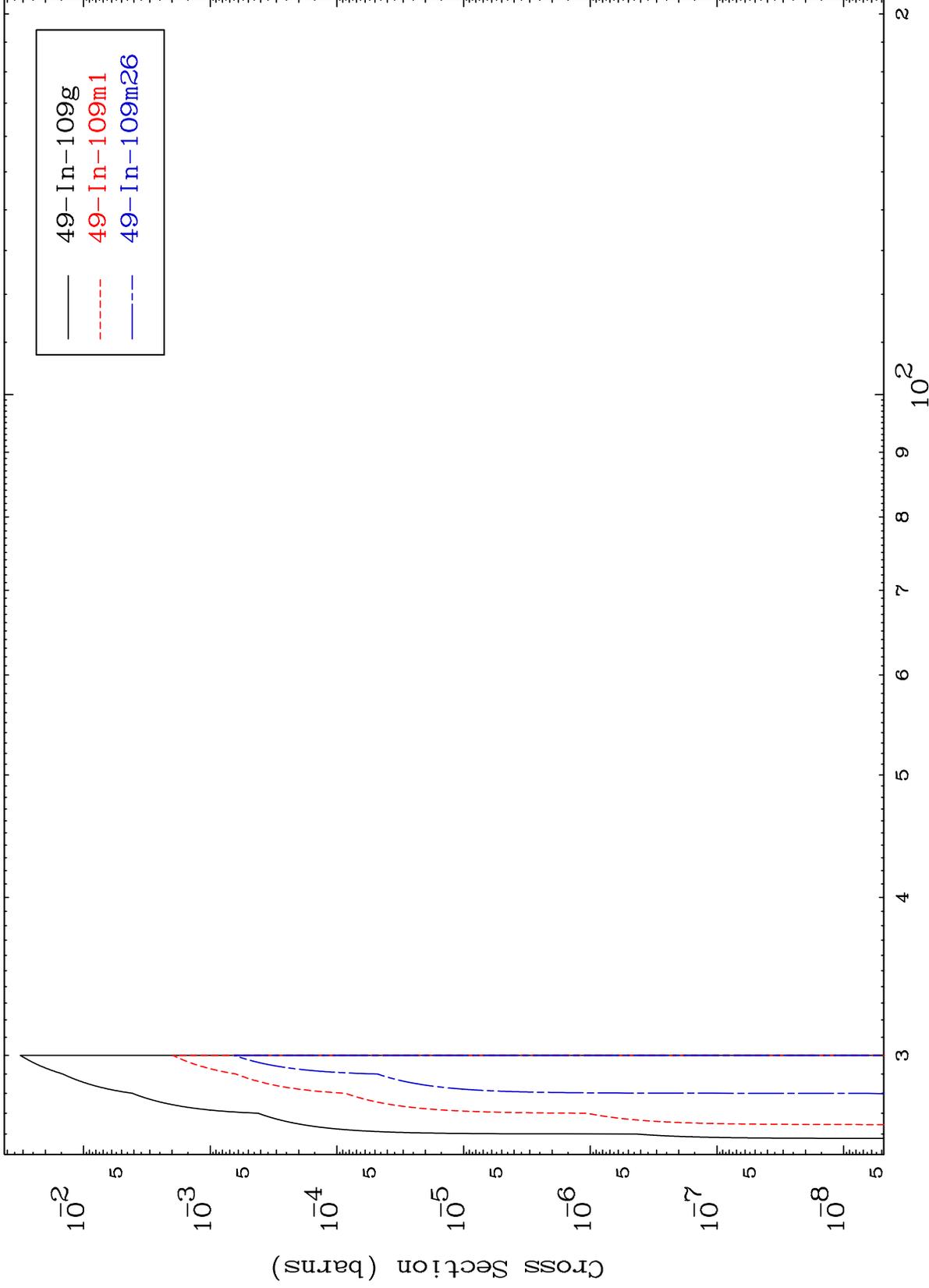
49-In-112m

MAT 4923

(n,4n)

49-In-112m

Radionuclide Production Cross Section



28

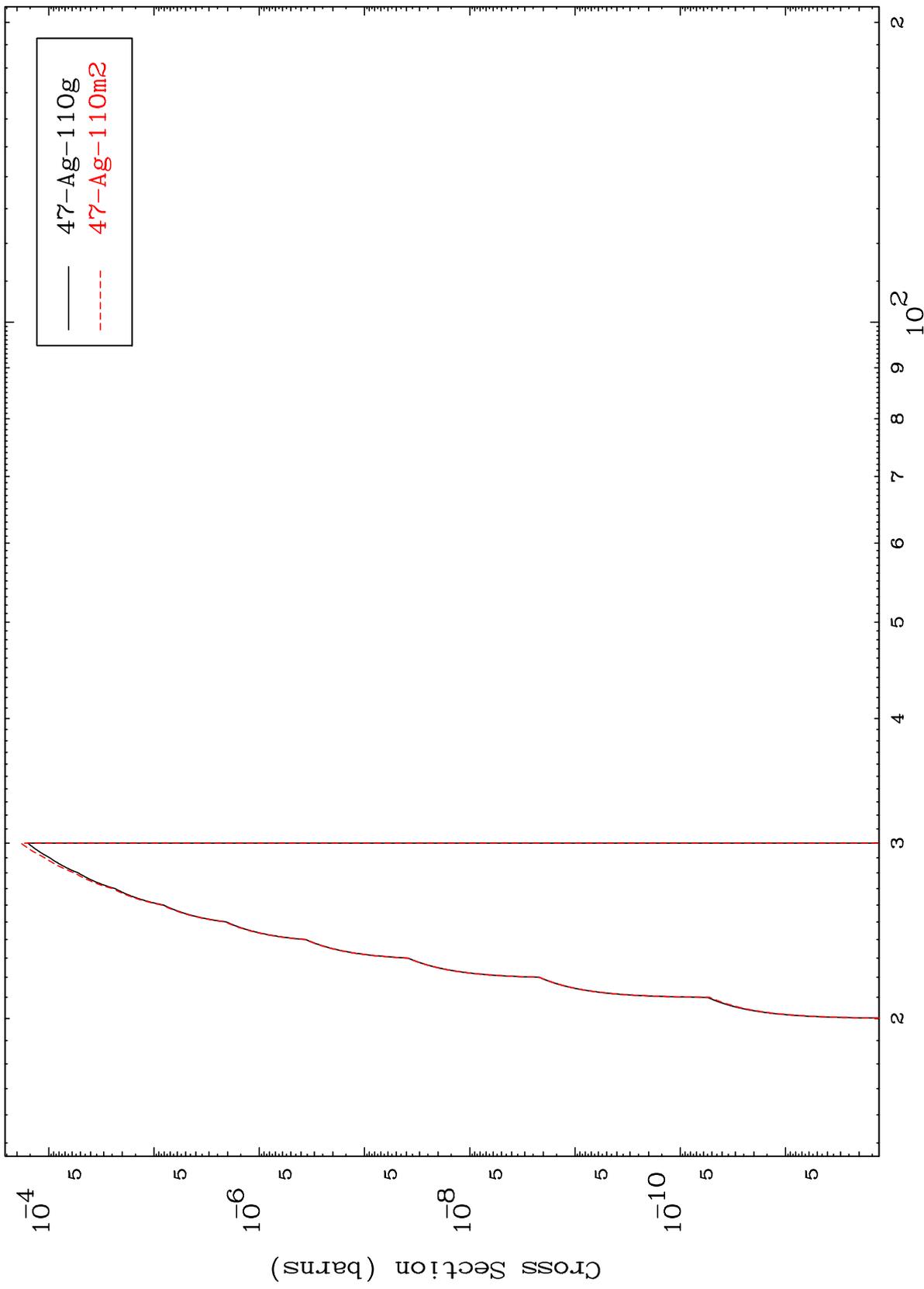
Incident Energy (MeV)

49-In-112m

MAT 4923

49-In-112m

(n,2n) p  
Radionuclide Production Cross Section



29

49-In-112m

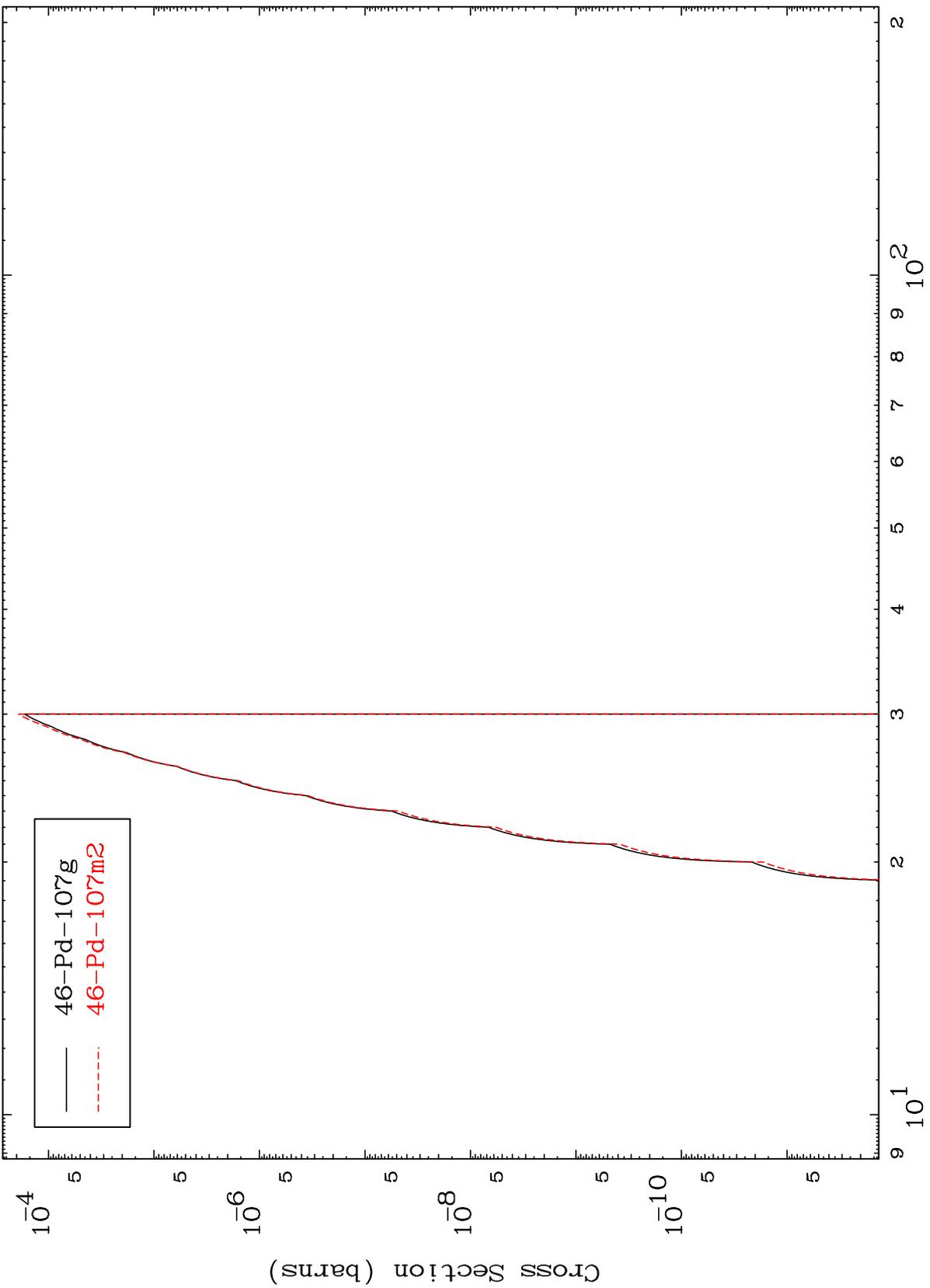
Incident Energy (MeV)

MAT 4923

(n,n') p  $\alpha$

49-In-112m

Radionuclide Production Cross Section



Incident Energy (MeV)

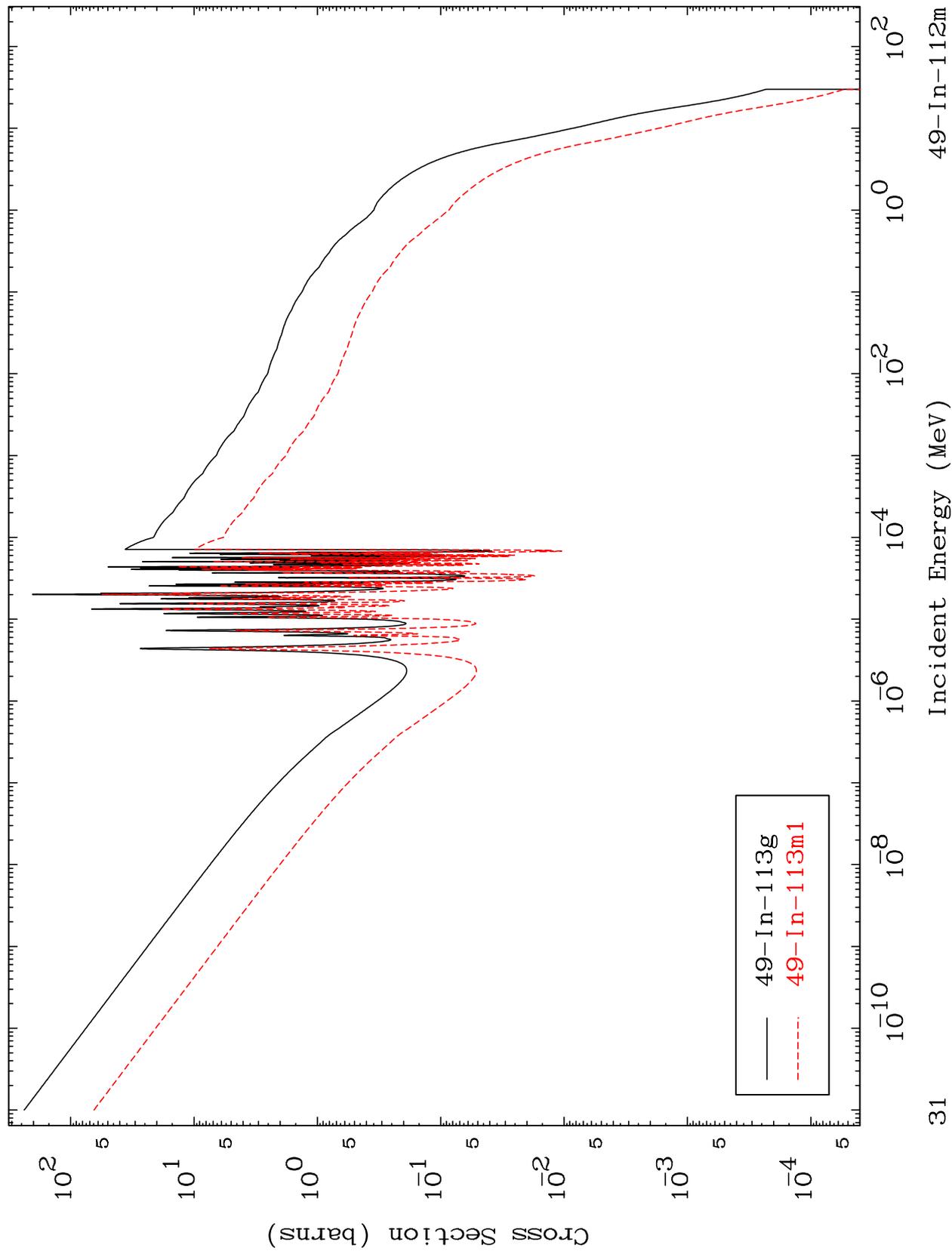
49-In-112m

30

MAT 4923

49-In-112m

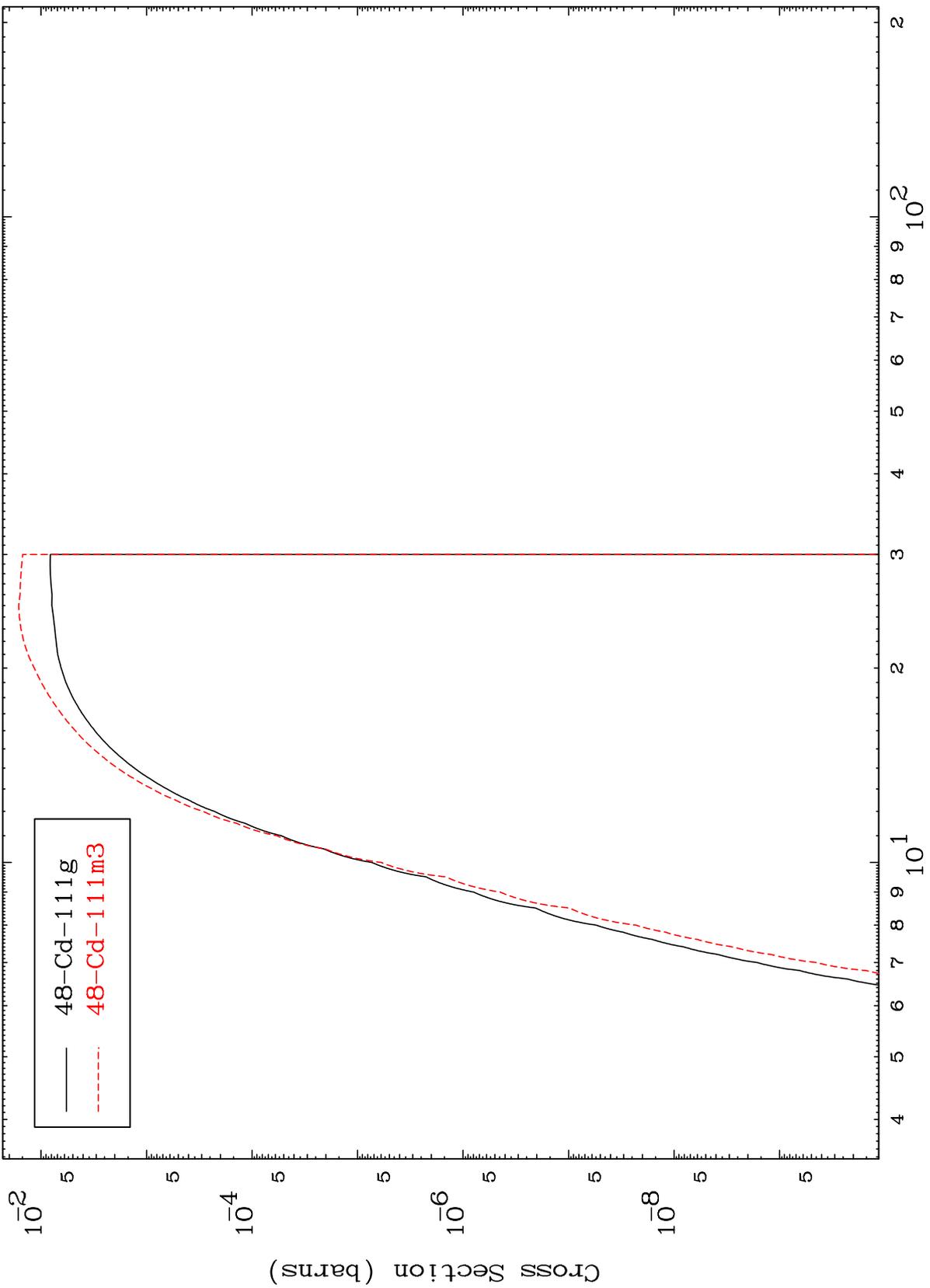
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 4923

49-In-112m

(n,d)  
Radionuclide Production Cross Section



49-In-112m

Incident Energy (MeV)

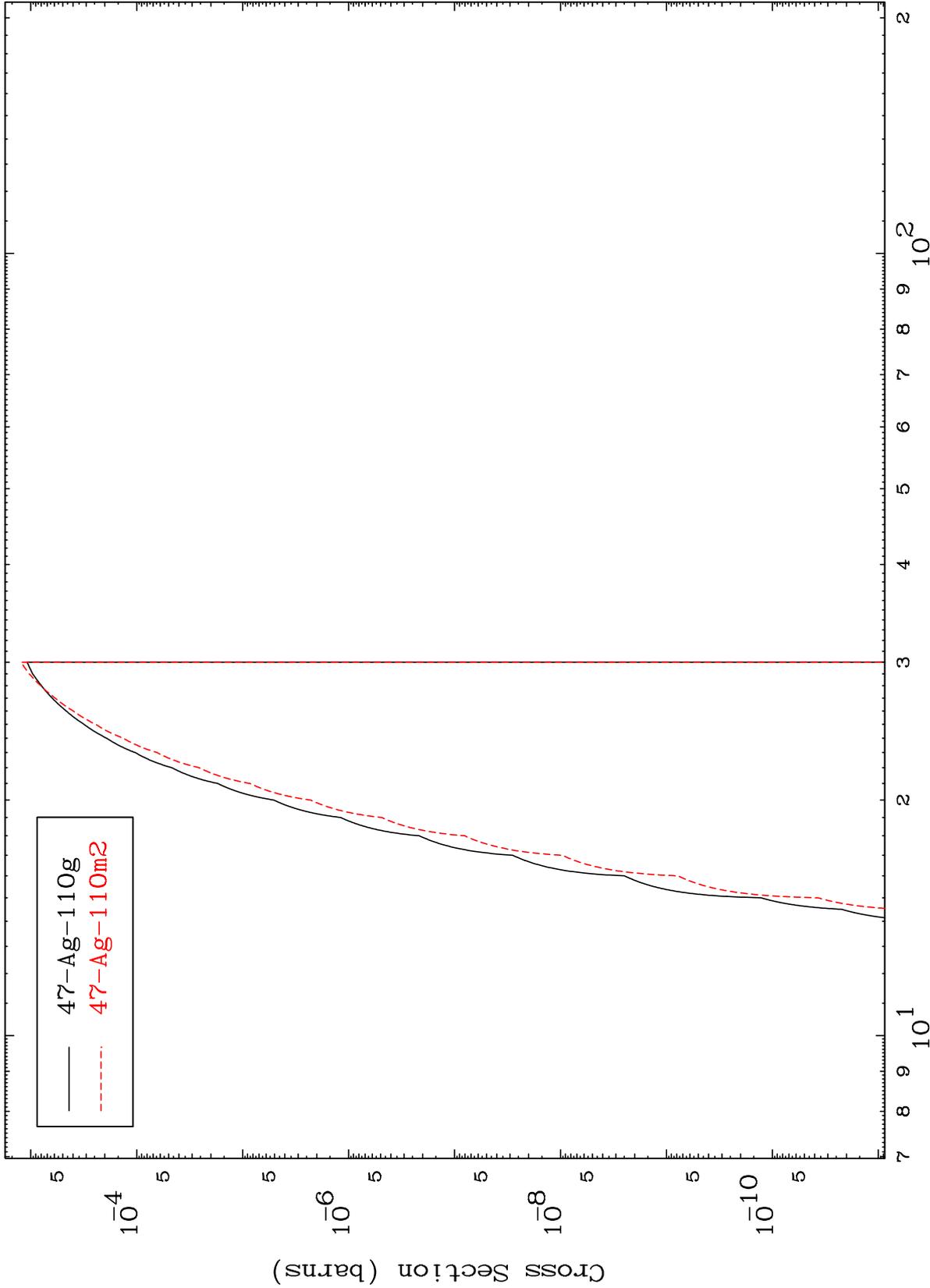
32

MAT 4923

(n,He-3)

49-In-112m

Radionuclide Production Cross Section



33

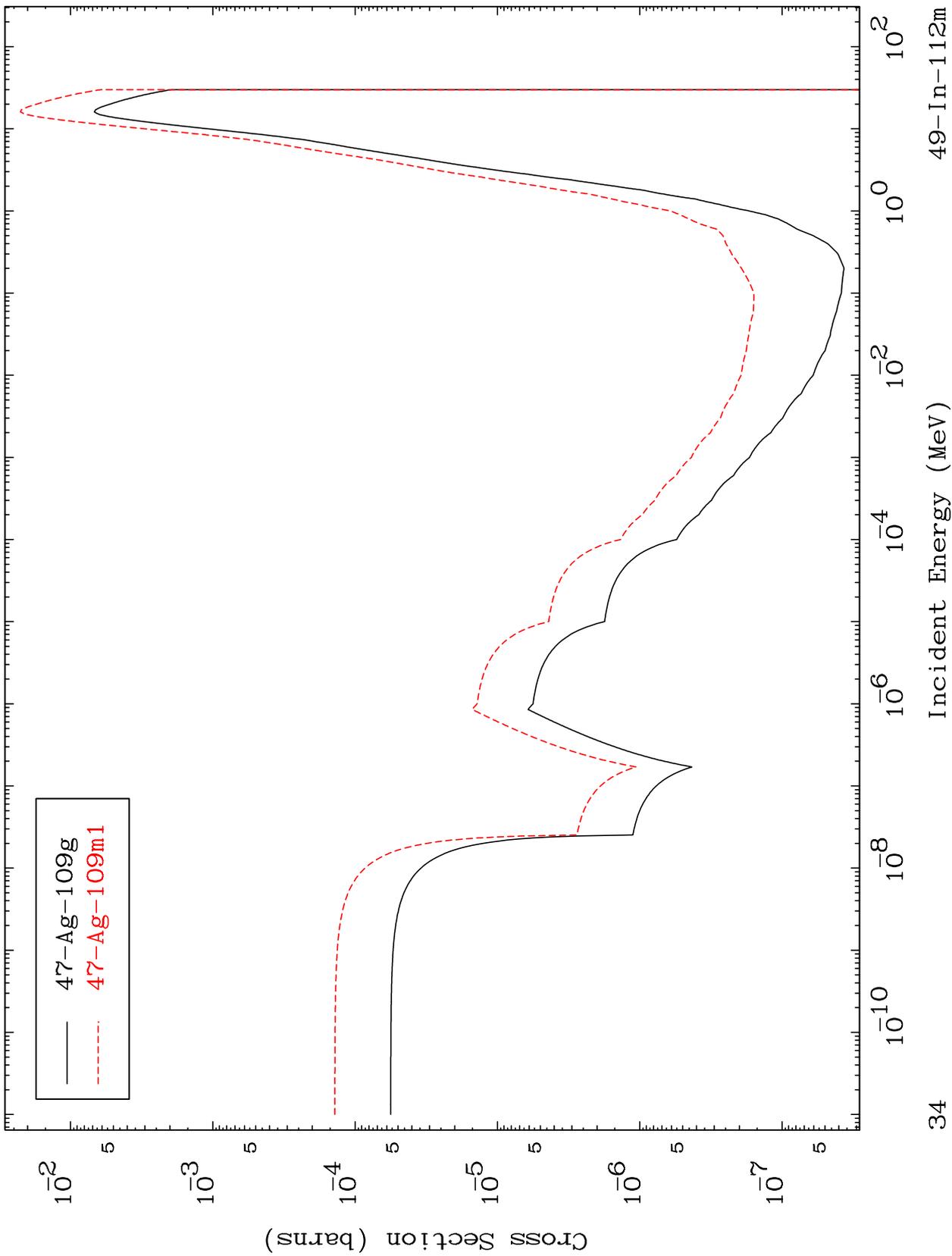
Incident Energy (MeV)

49-In-112m

MAT 4923

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

49-In-112m

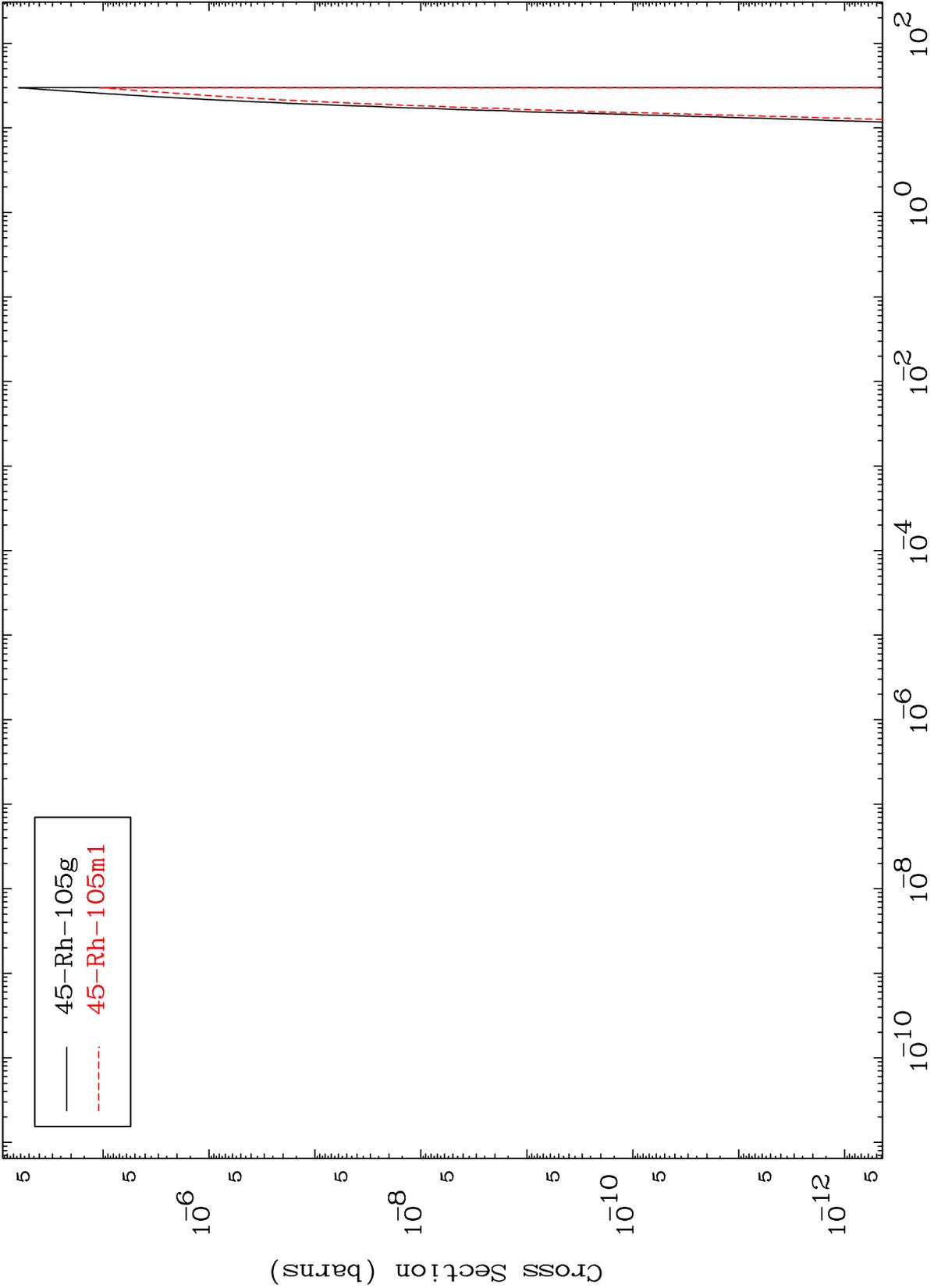


MAT 4923

(n,2α)

49-In-112m

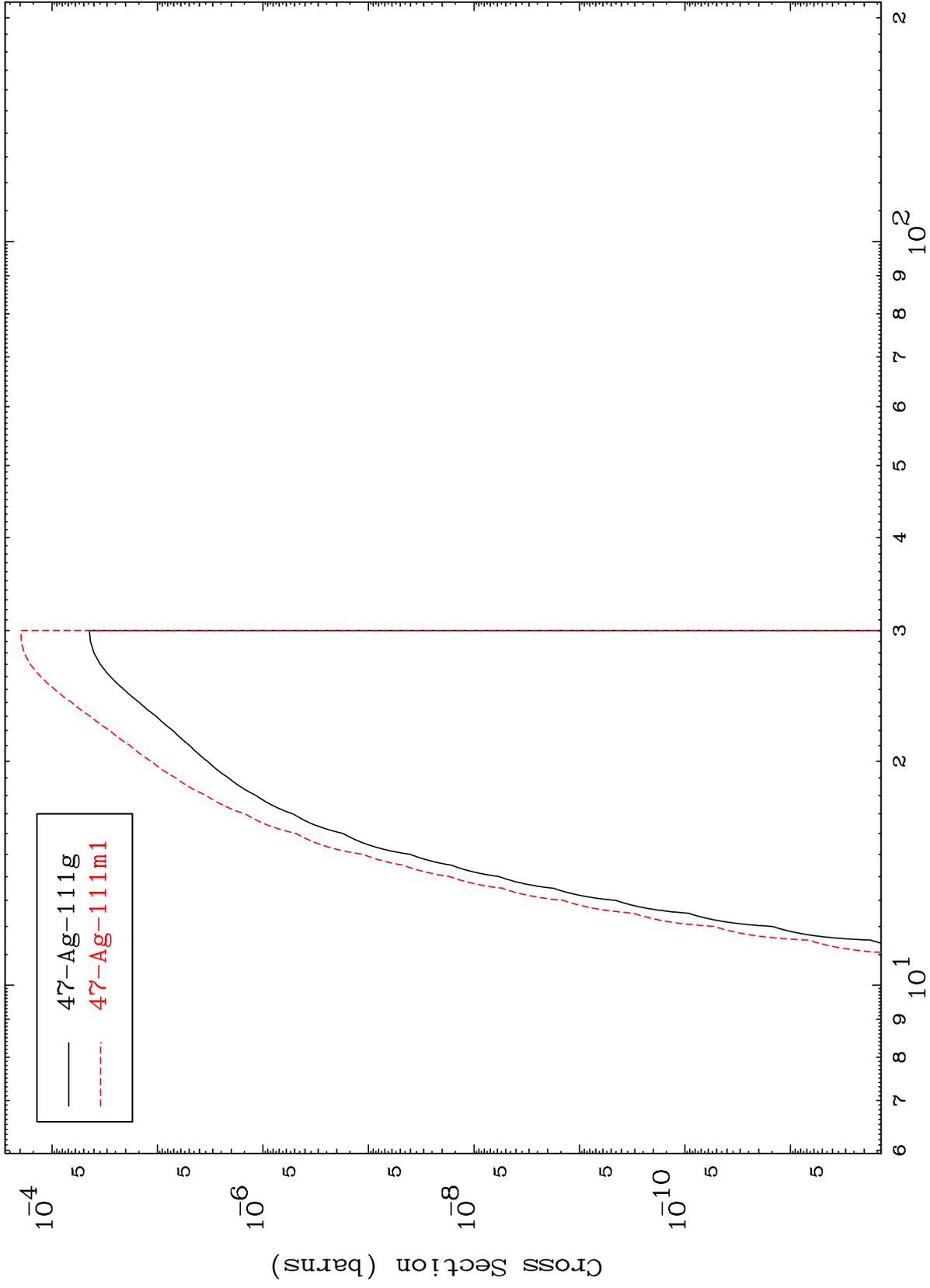
Radionuclide Production Cross Section



MAT 4923

49-In-112m

(n,2p)  
Radionuclide Production Cross Section



49-In-112m

Incident Energy (MeV)

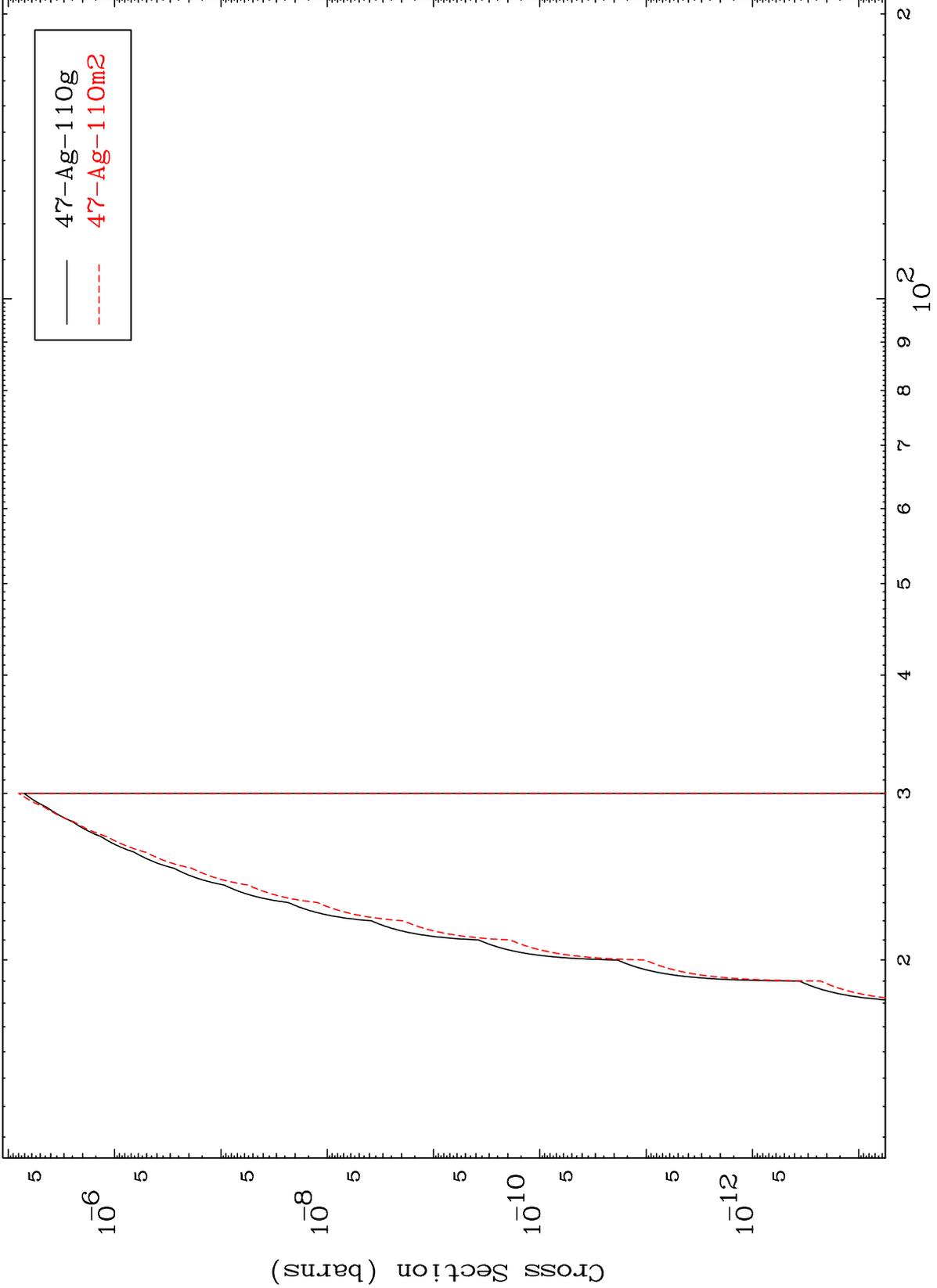
36

MAT 4923

(n,p) d

49-In-112m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

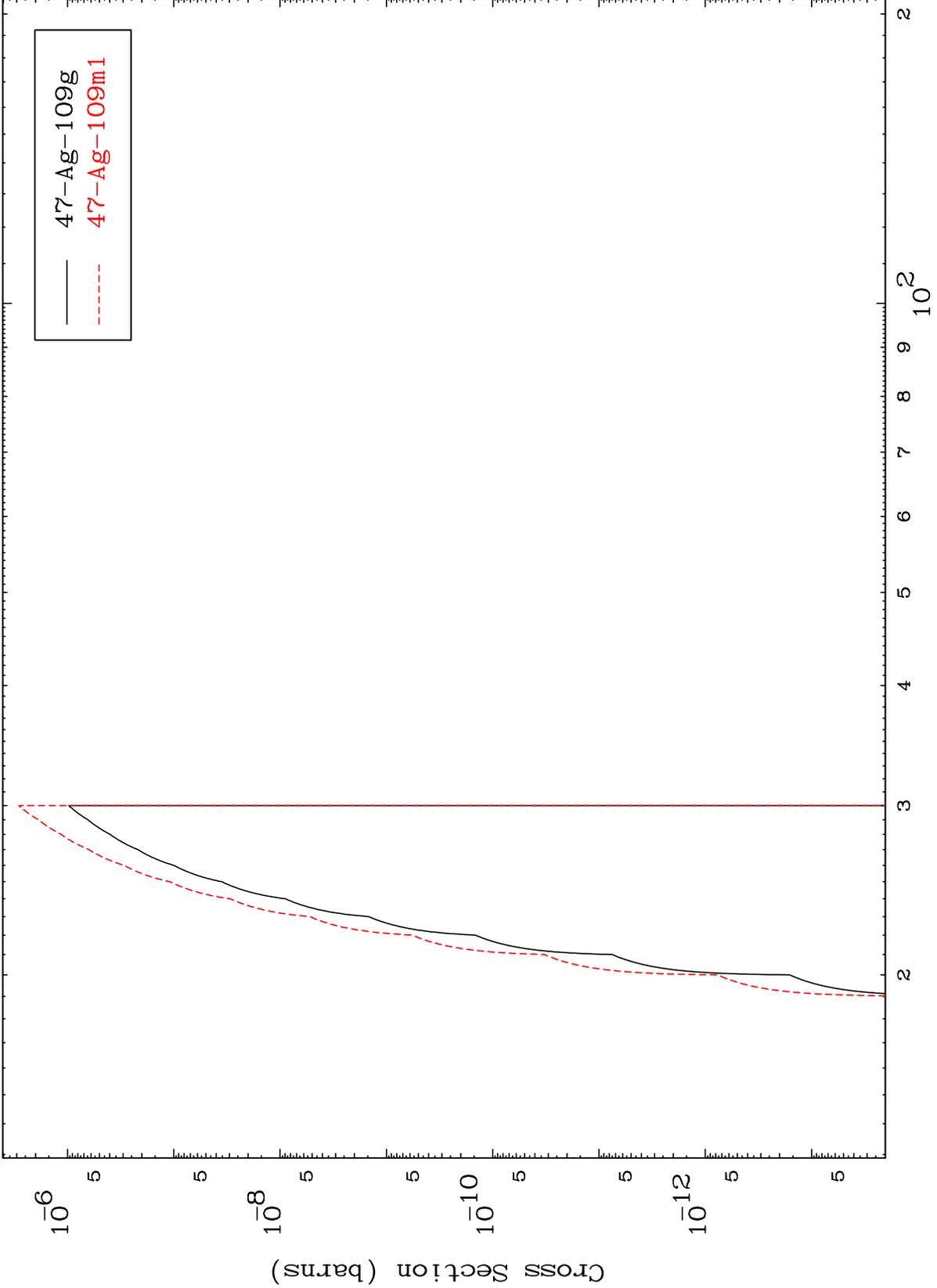
49-In-112m

MAT 4923

(n,p) t

49-In-112m

Radionuclide Production Cross Section



38

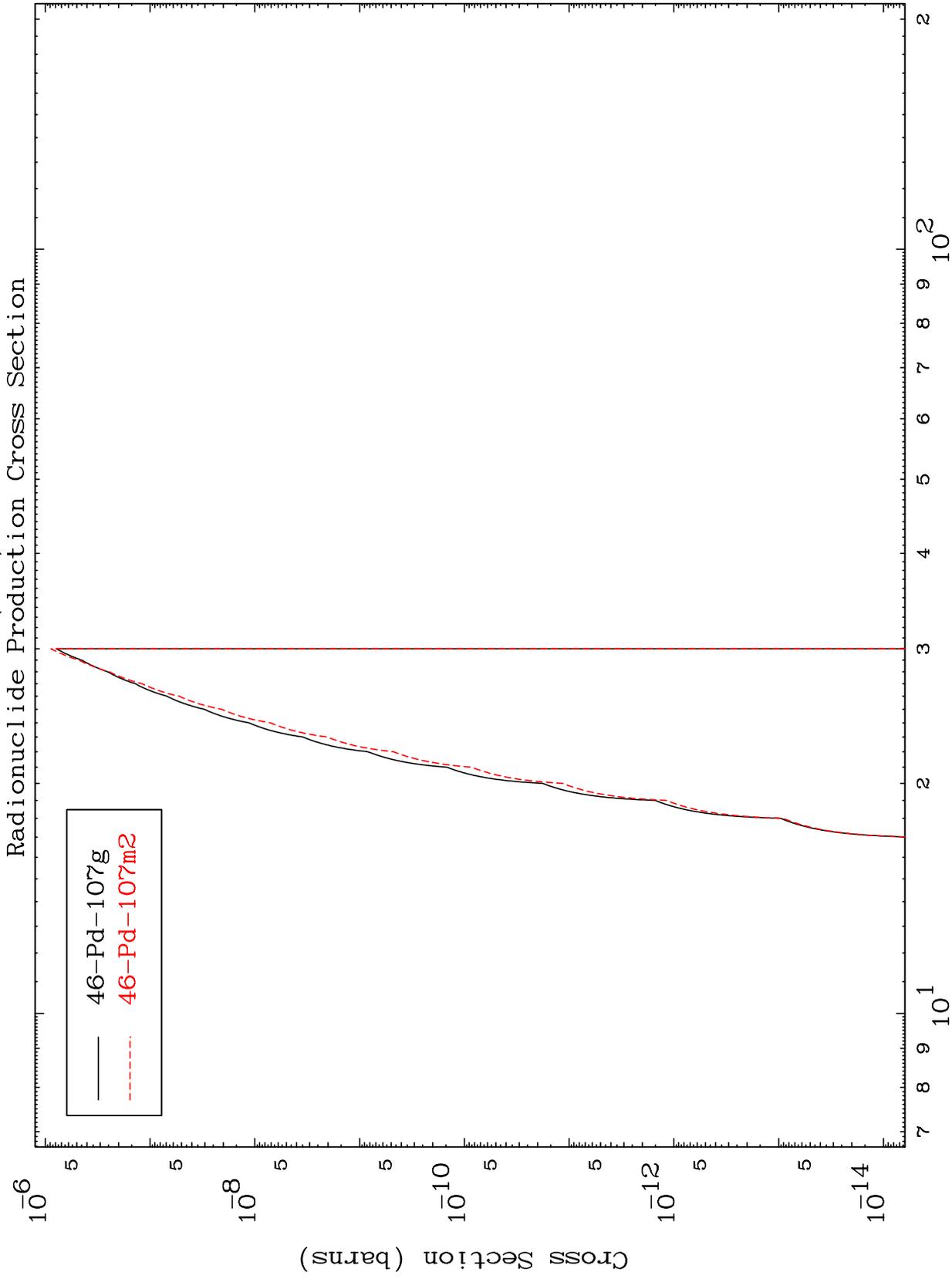
Incident Energy (MeV)

49-In-112m

MAT 4923

(n,d)  $\alpha$

49-In-112m



39

Incident Energy (MeV)

49-In-112m