

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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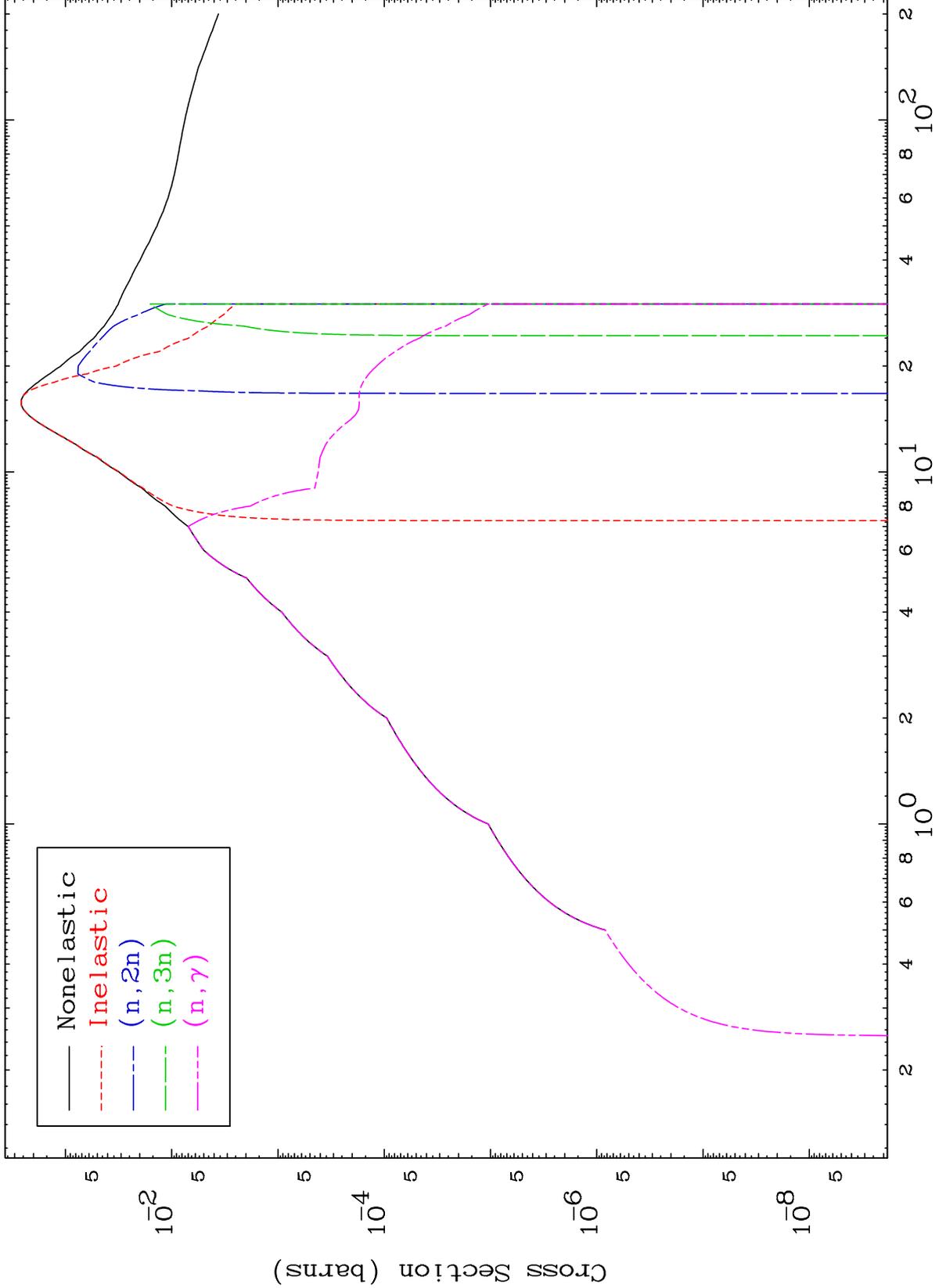
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

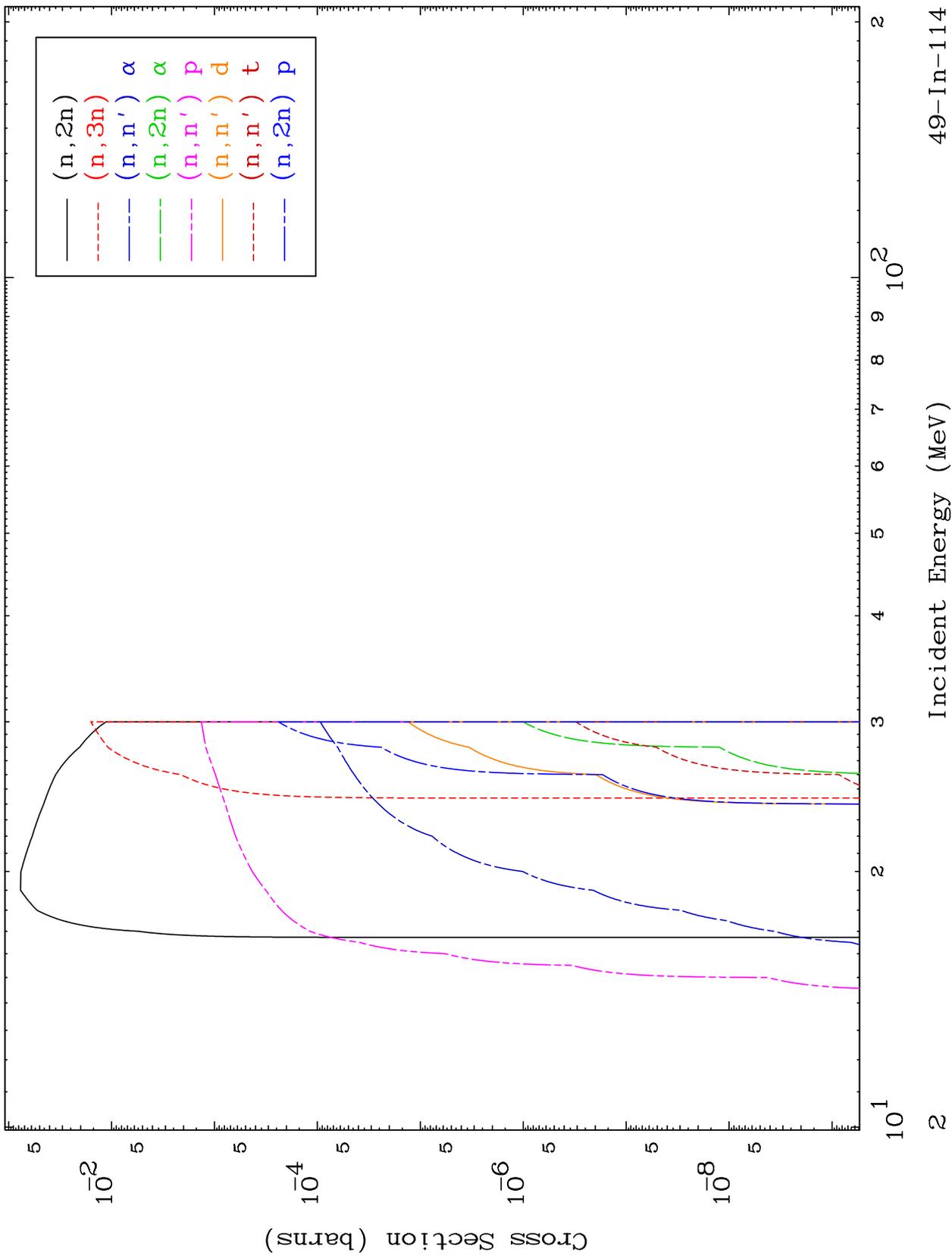
0 Kelvin Cross Sections



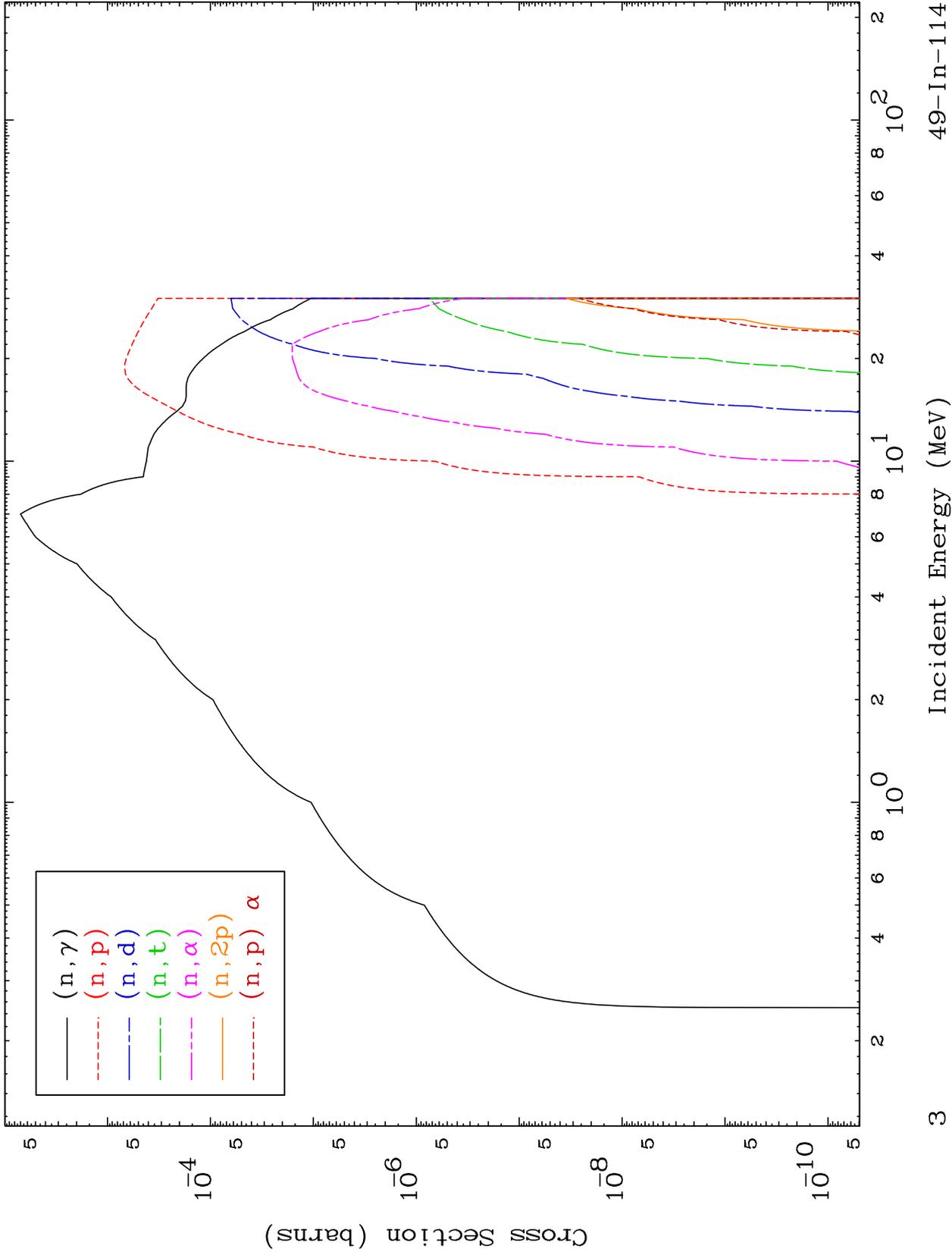
MAT 4928

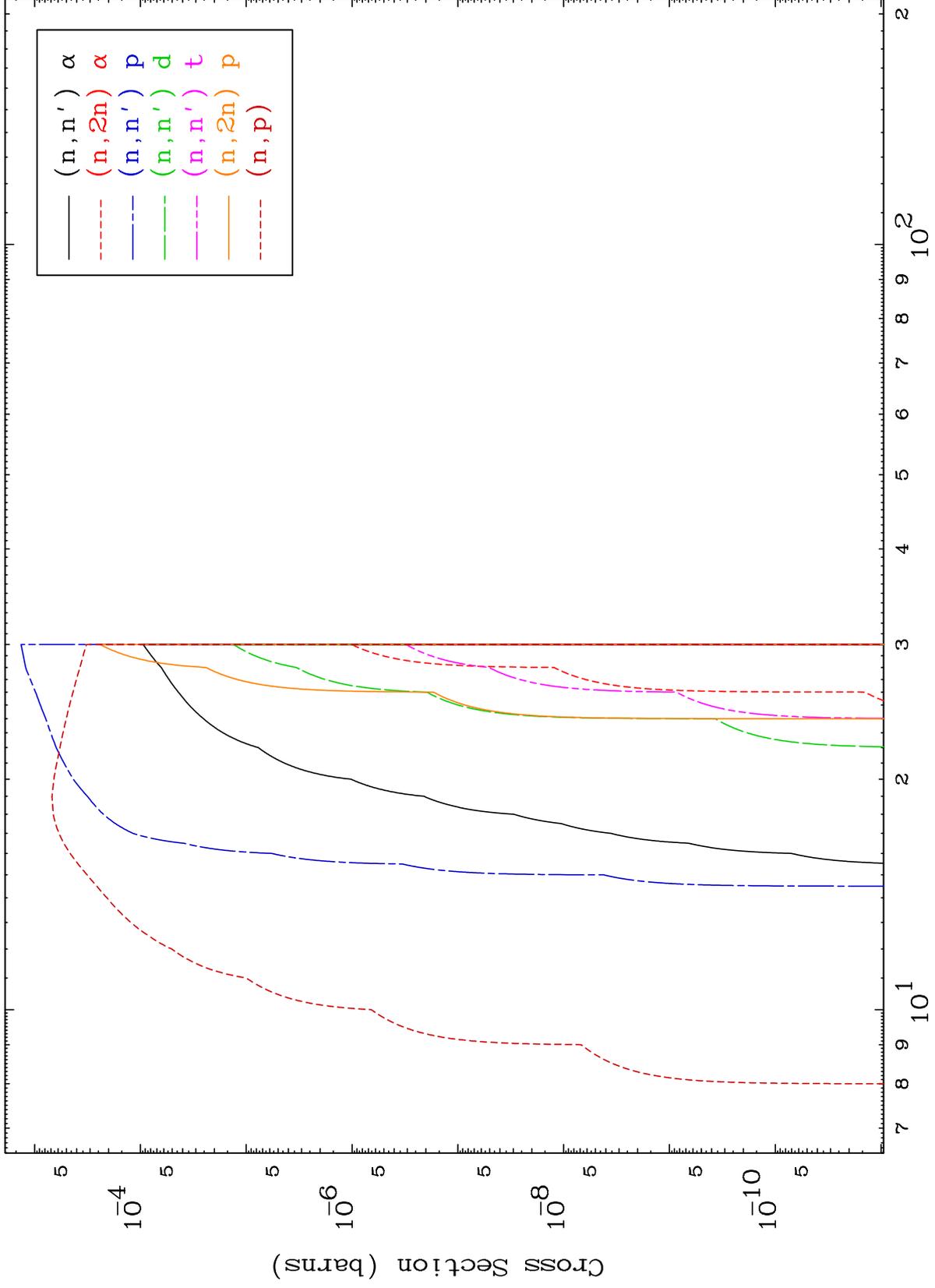
Photon Neutron Absorption  
0 Kelvin Cross Sections

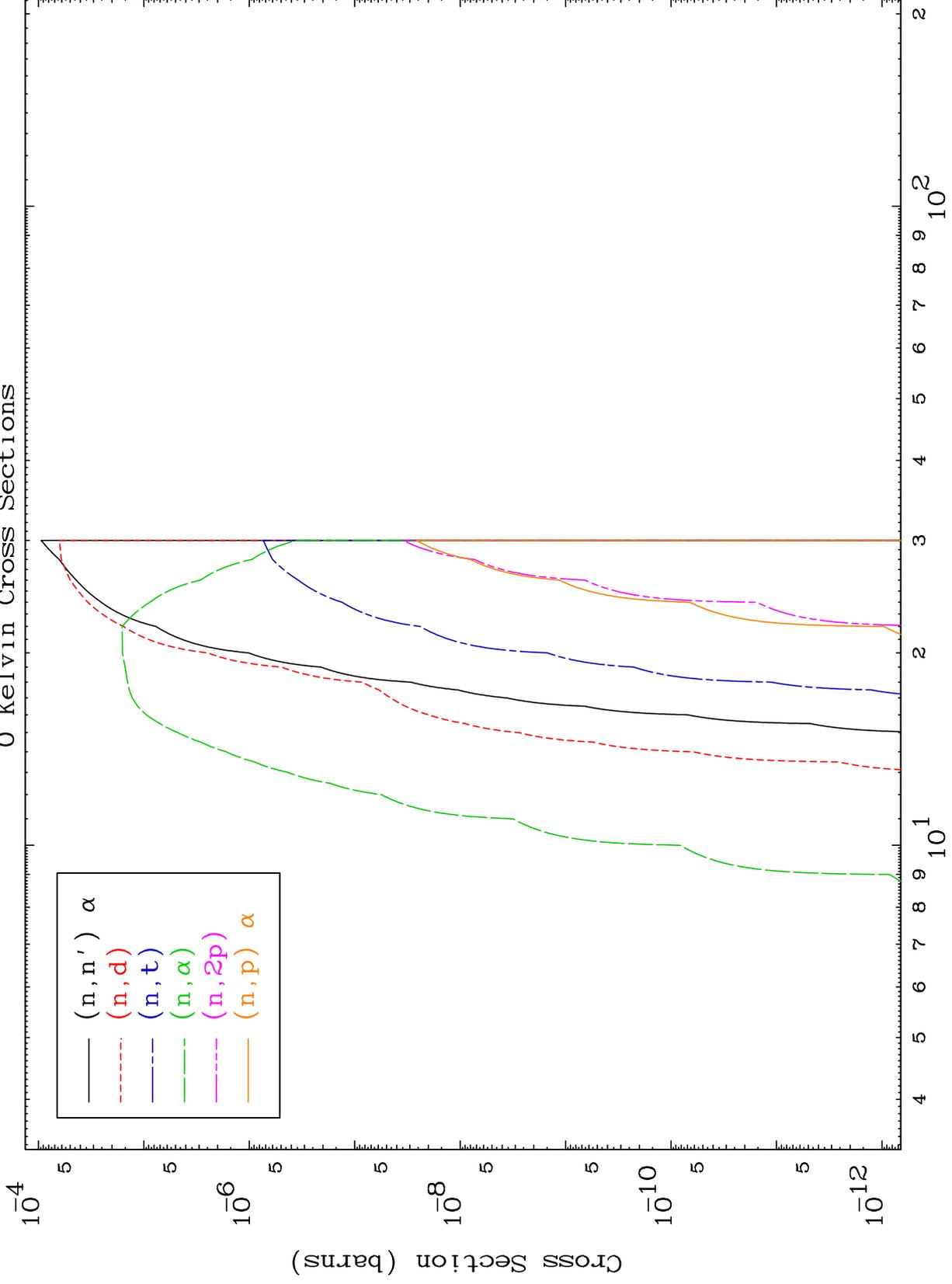
49-In-114



49-In-114



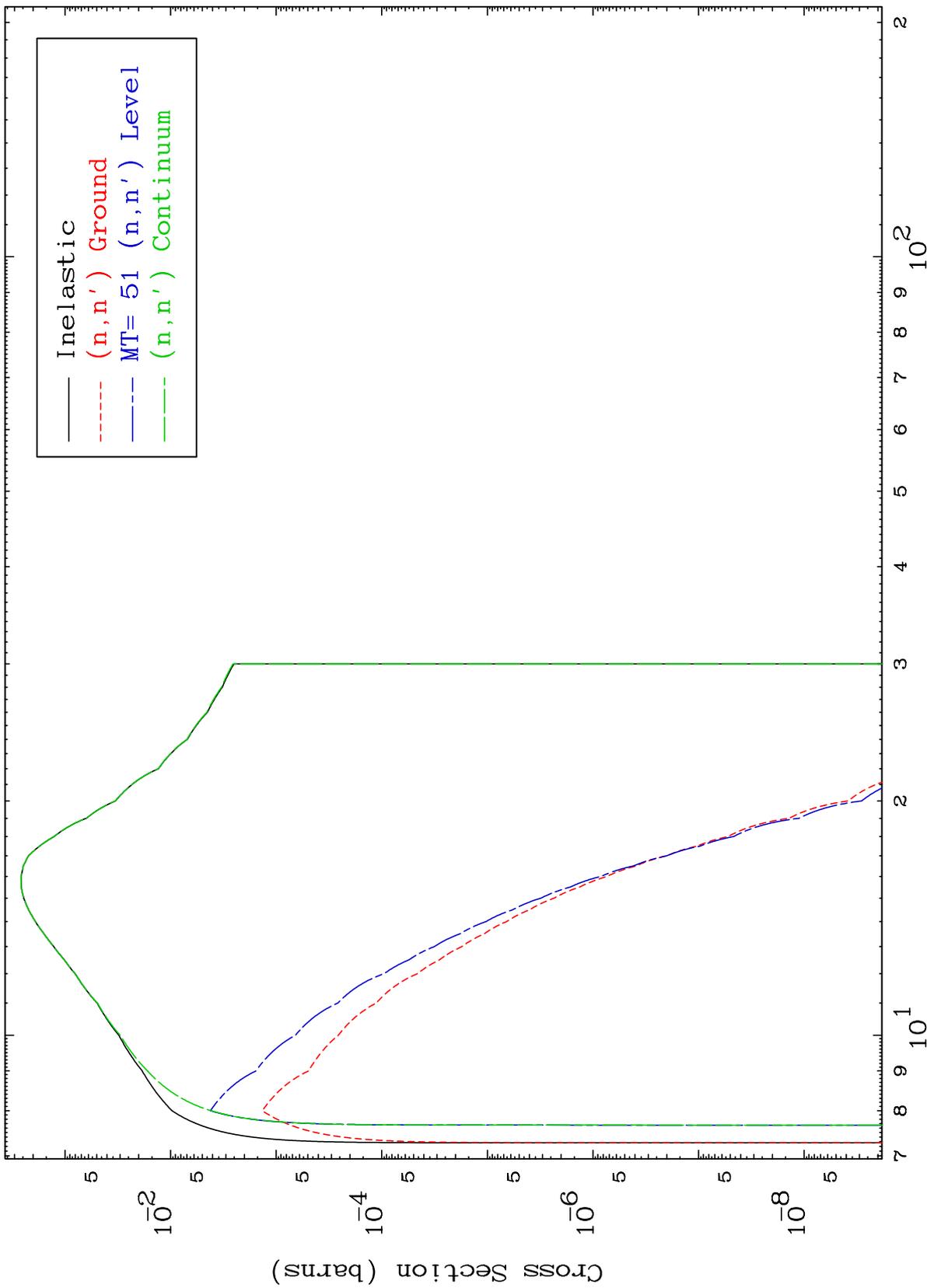




MAT 4928

49-In-114

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

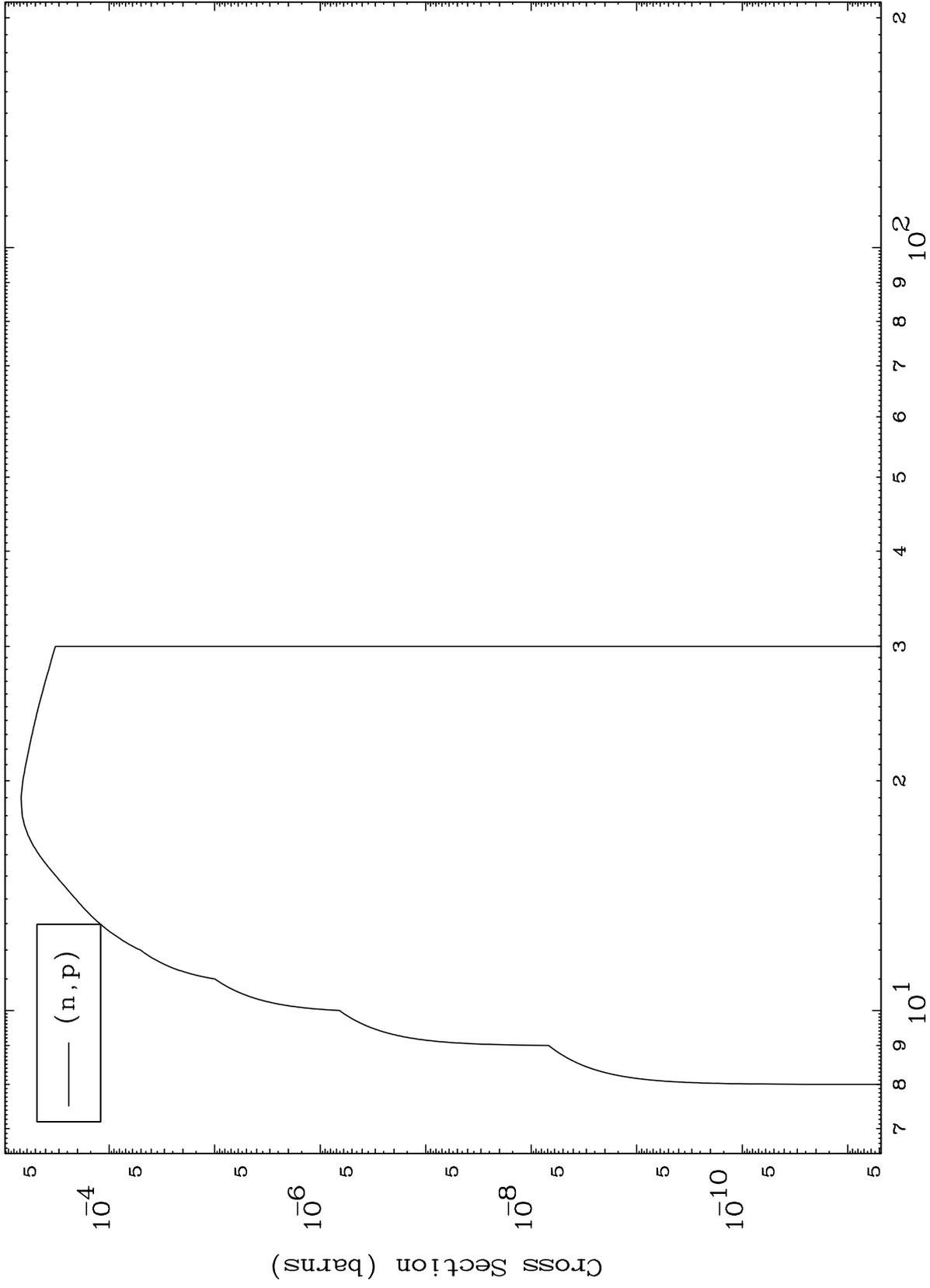


Legend:  
— Inelastic  
- - - (n, n') Ground  
- . - . MT= 51 (n, n') Level  
. . . . (n, n') Continuum

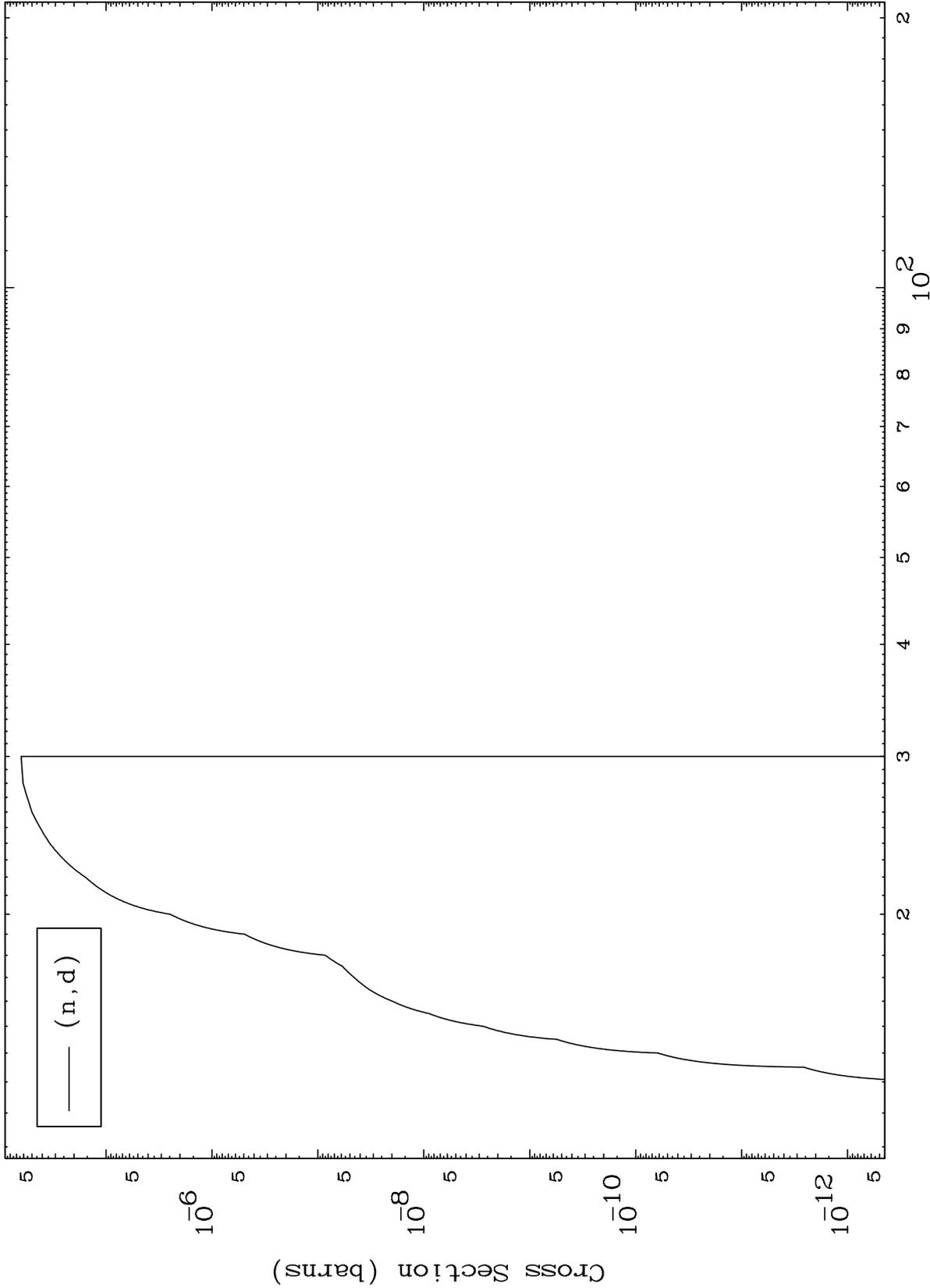
49-In-114

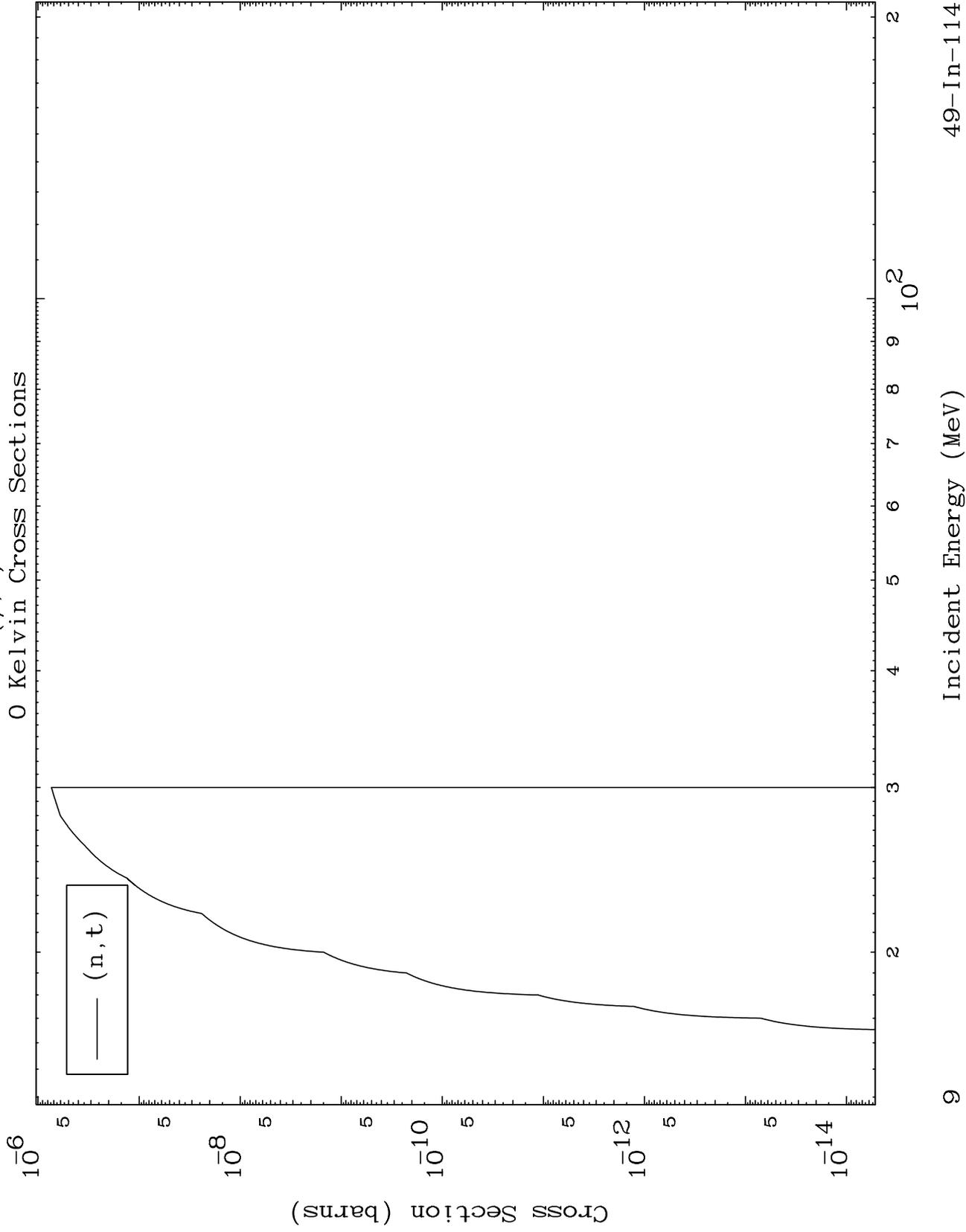
Incident Energy (MeV)

6



0 Kelvin Cross Sections



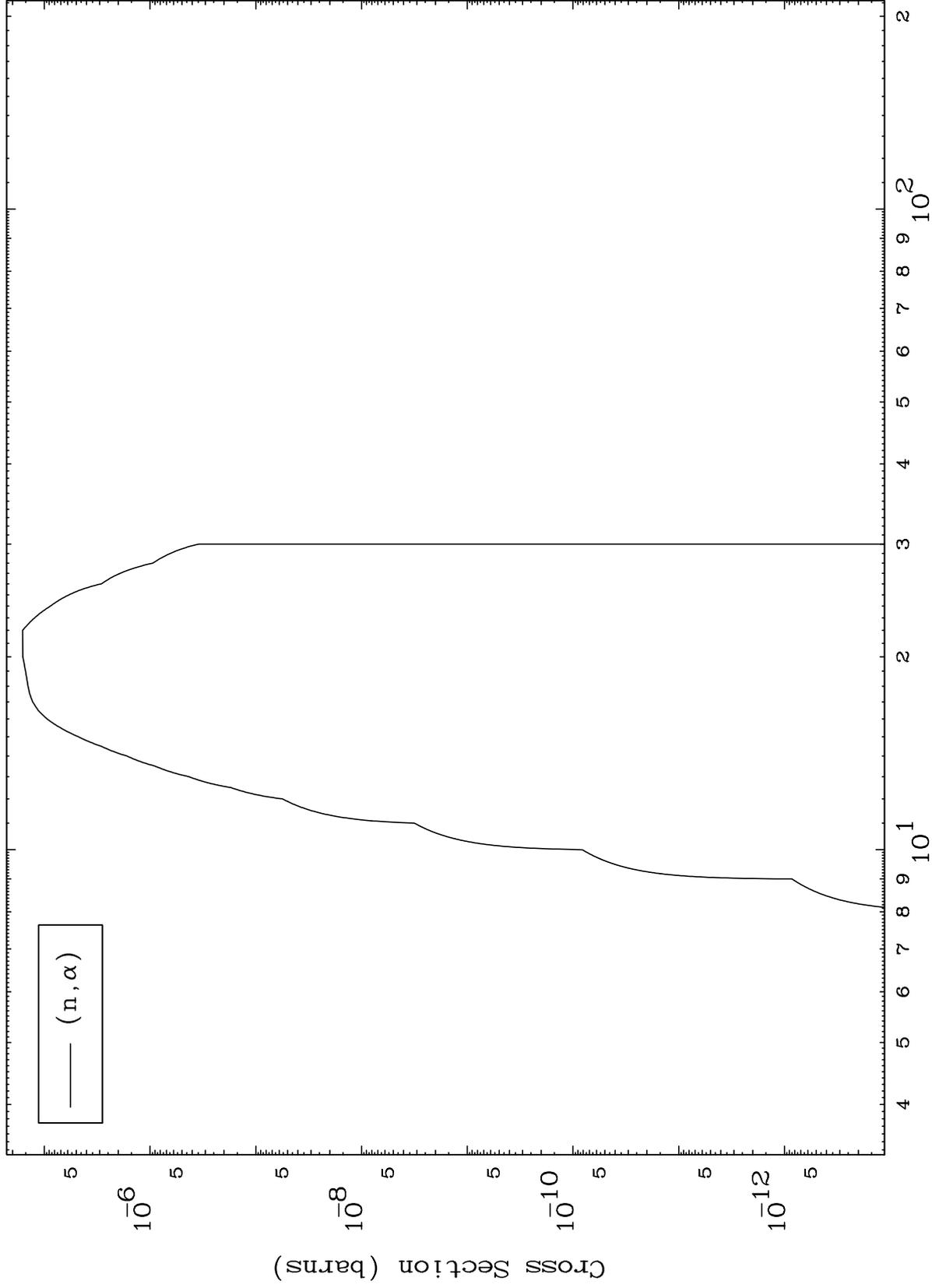


MAT 4928

( $\gamma, \alpha$ ) Levels

49-In-114

0 Kelvin Cross Sections



10

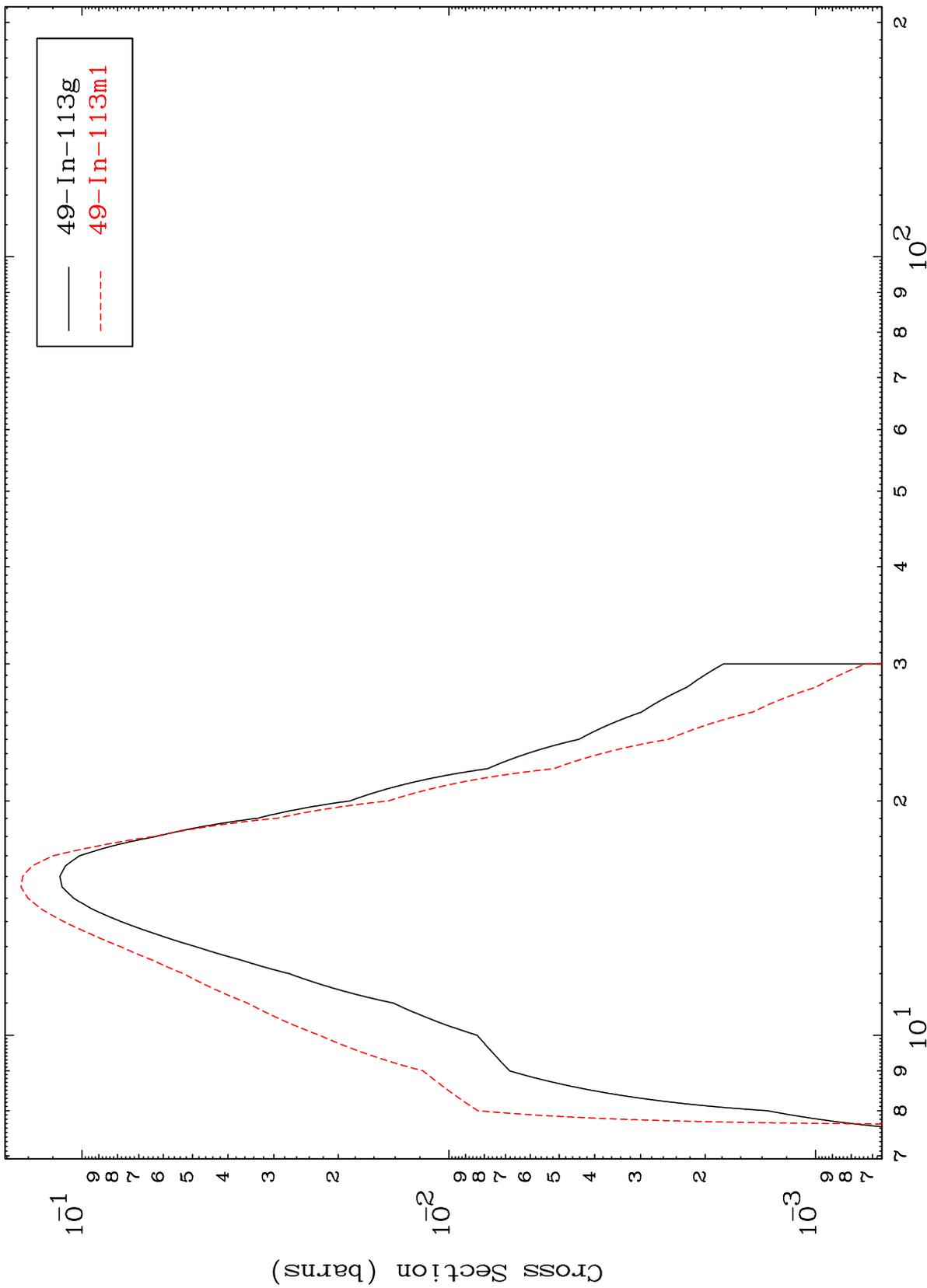
Incident Energy (MeV)

49-In-114

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49-In-114

Inelastic  
Radionuclide Production Cross Section



49-In-114

Incident Energy (MeV)

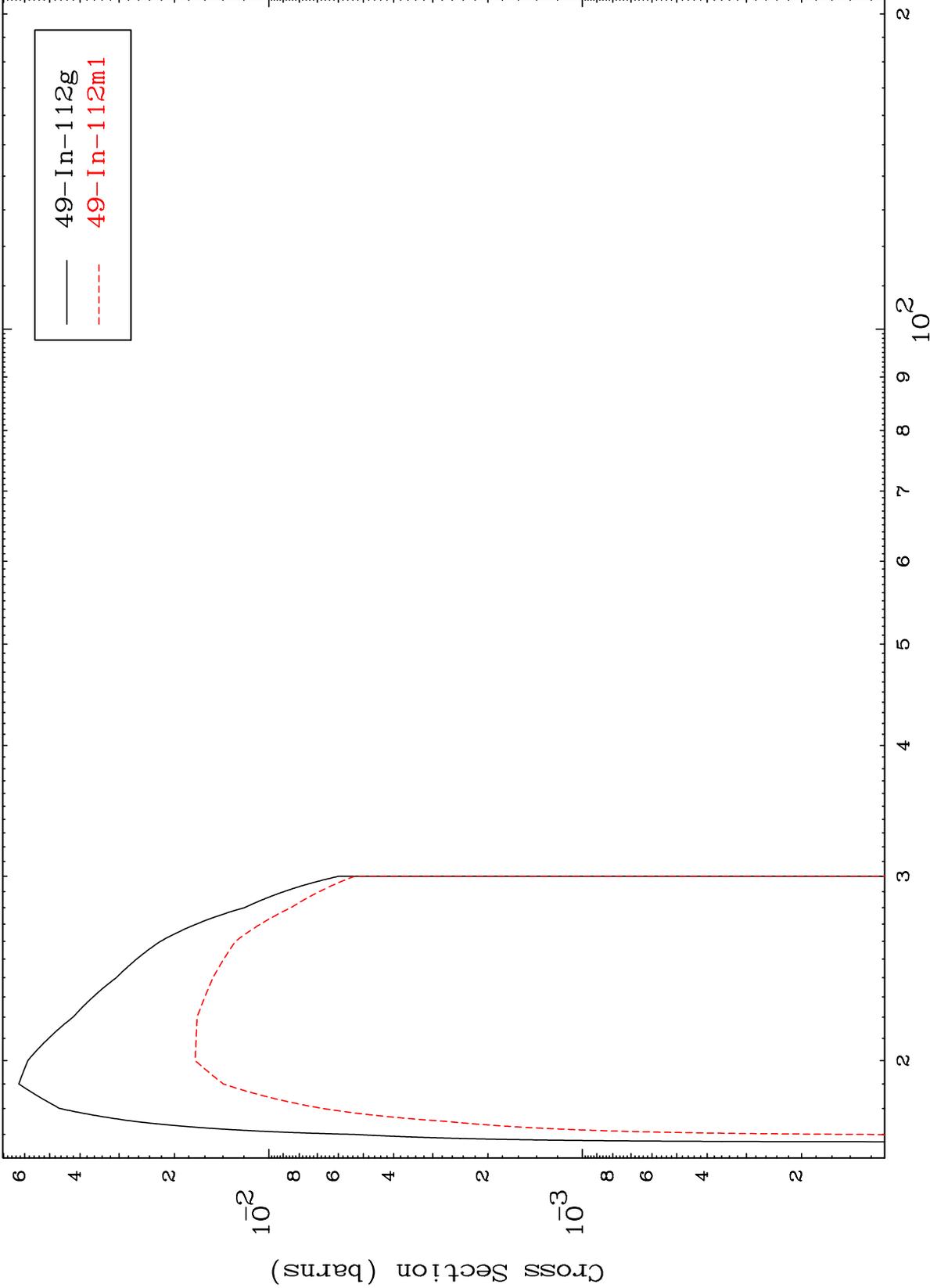
11

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(n,2n)

49-In-114

Radionuclide Production Cross Section



12

Incident Energy (MeV)

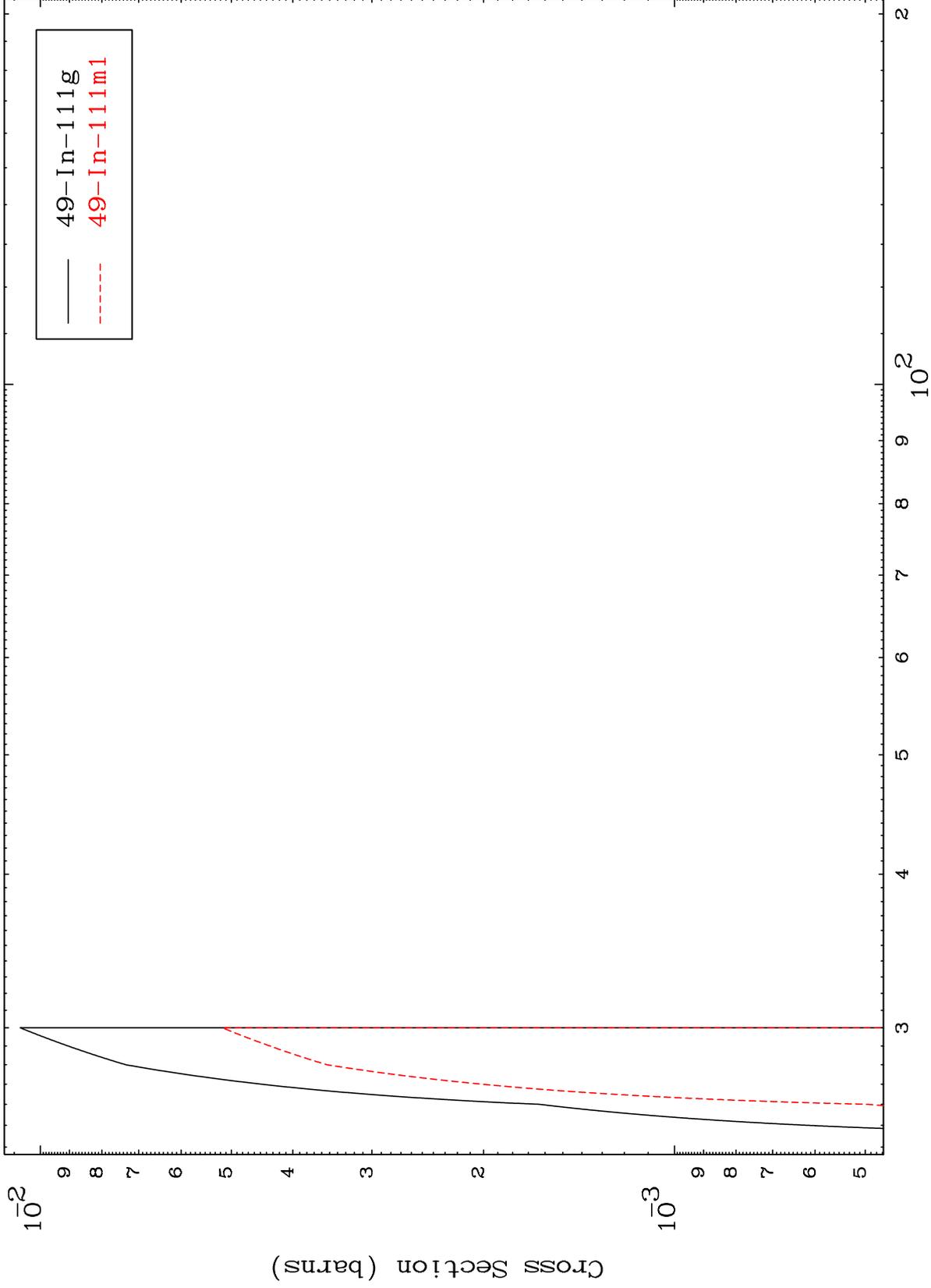
49-In-114

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(n,3n)

49-In-114

Radionuclide Production Cross Section



13

Incident Energy (MeV)

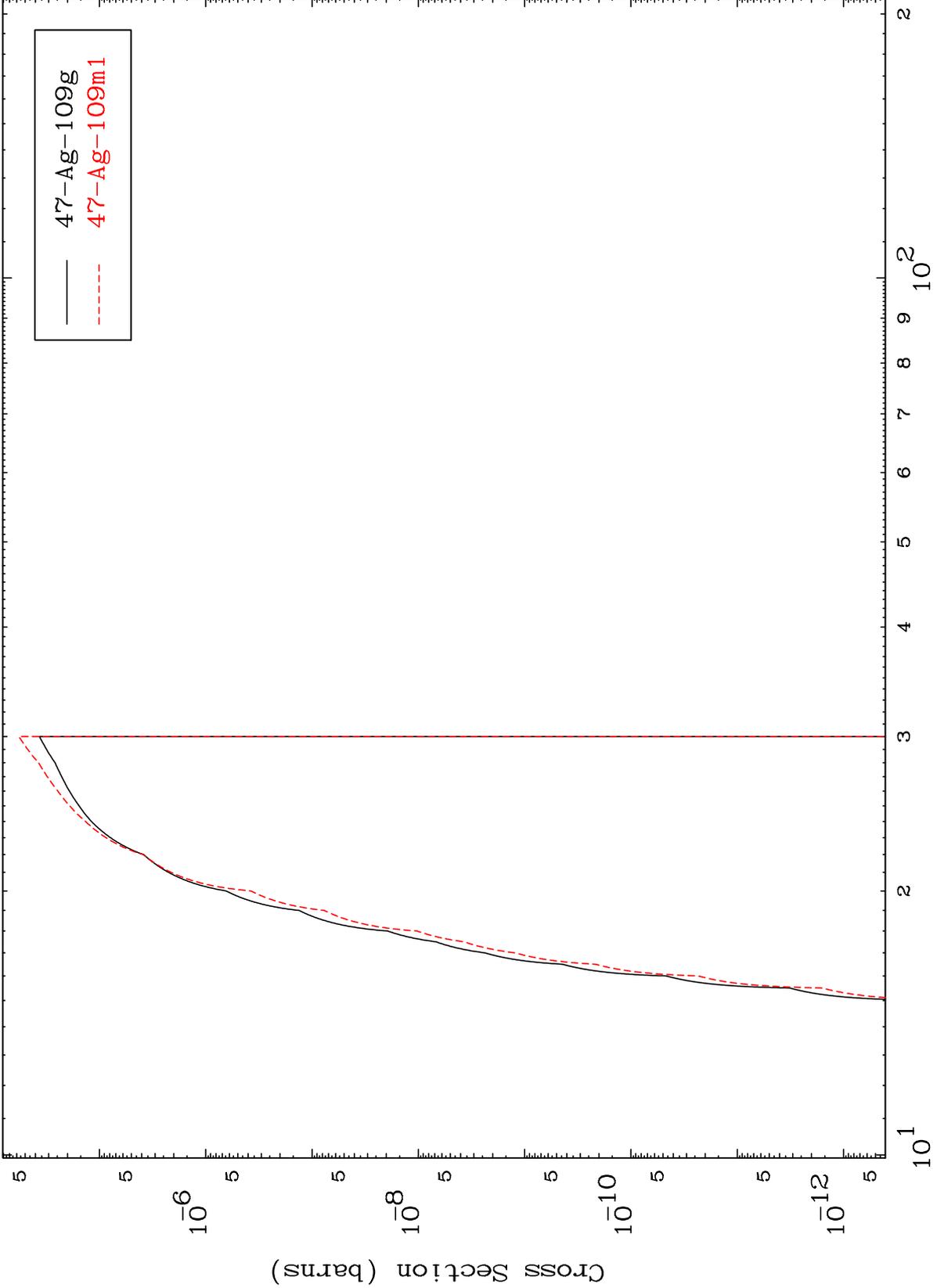
49-In-114

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$(n, n') \alpha$

49-In-114

Radionuclide Production Cross Section



49-In-114

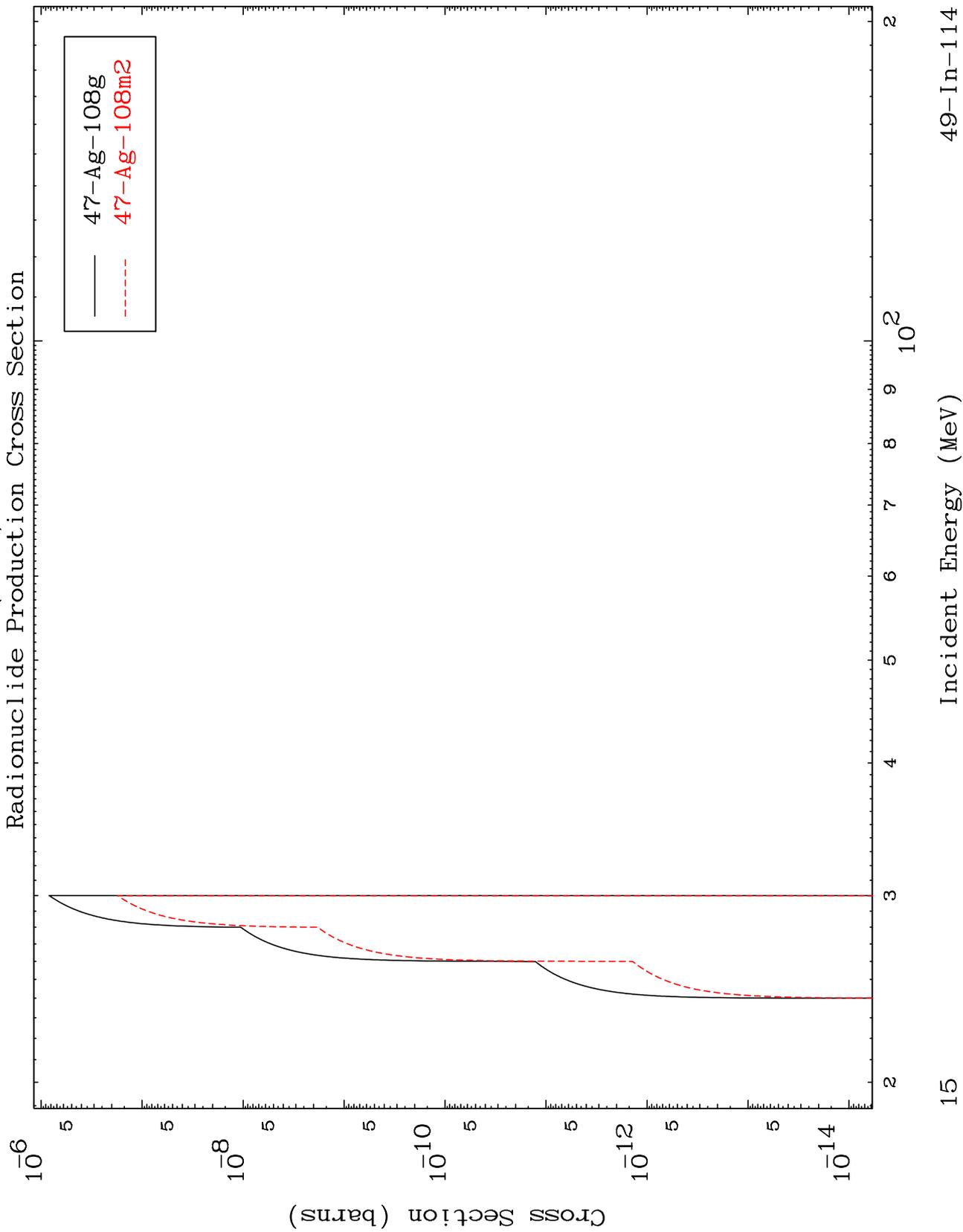
Incident Energy (MeV)

14

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(n,2n)  $\alpha$

49-In-114



15

Incident Energy (MeV)

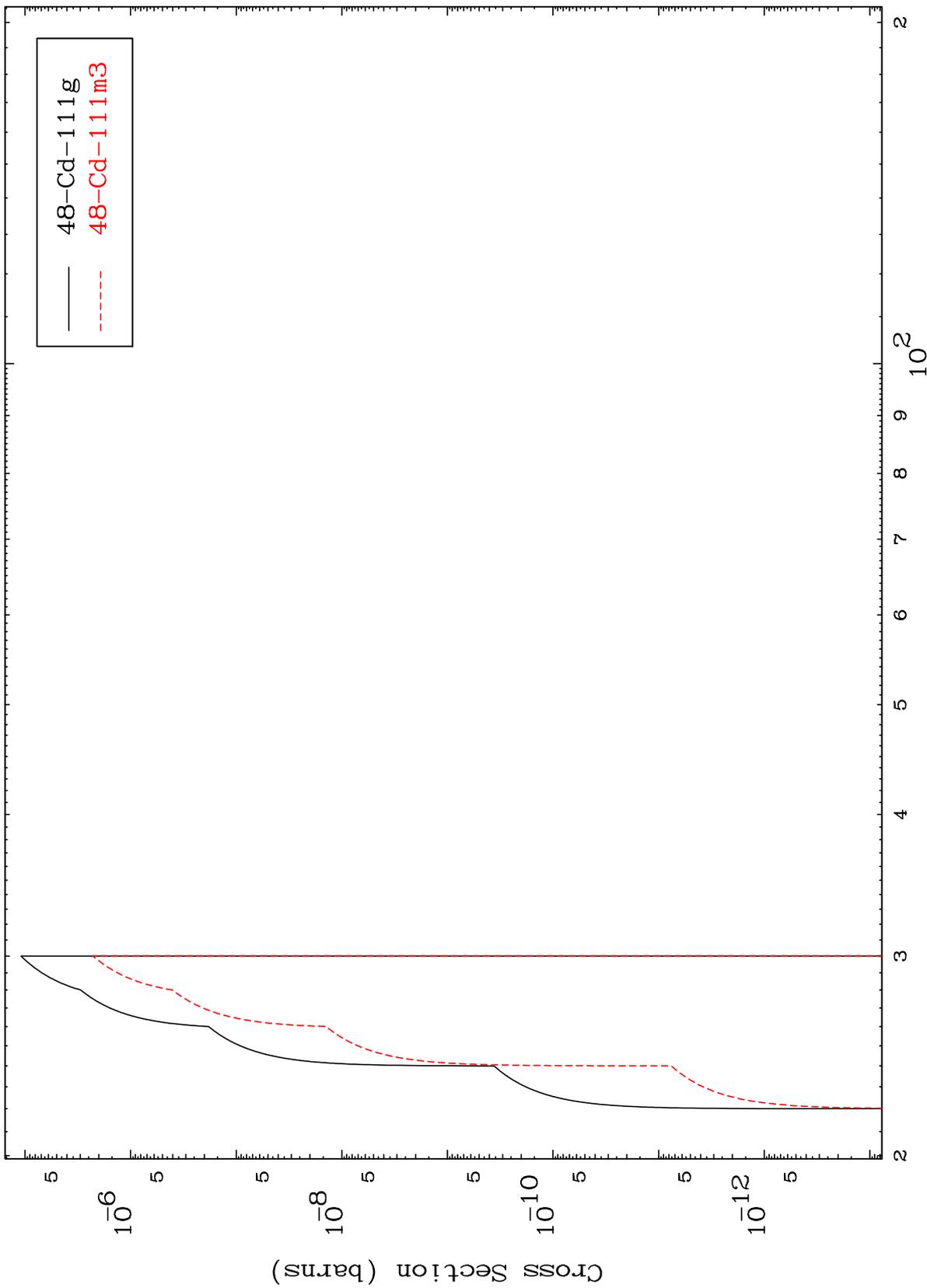
49-In-114

MAT 4928

(n,n') d

49-In-114

Radionuclide Production Cross Section

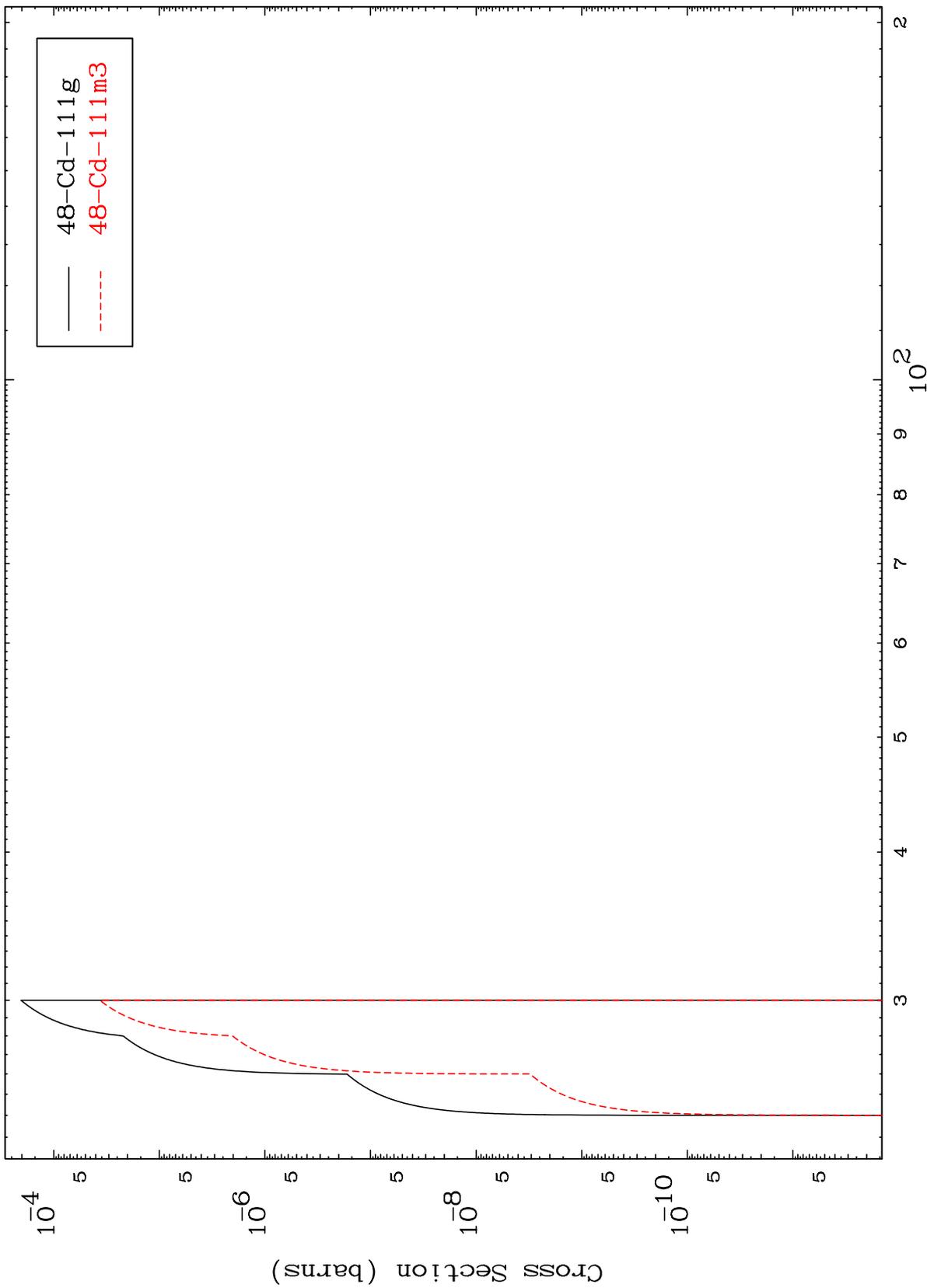


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Incident Energy (MeV)

49-In-114

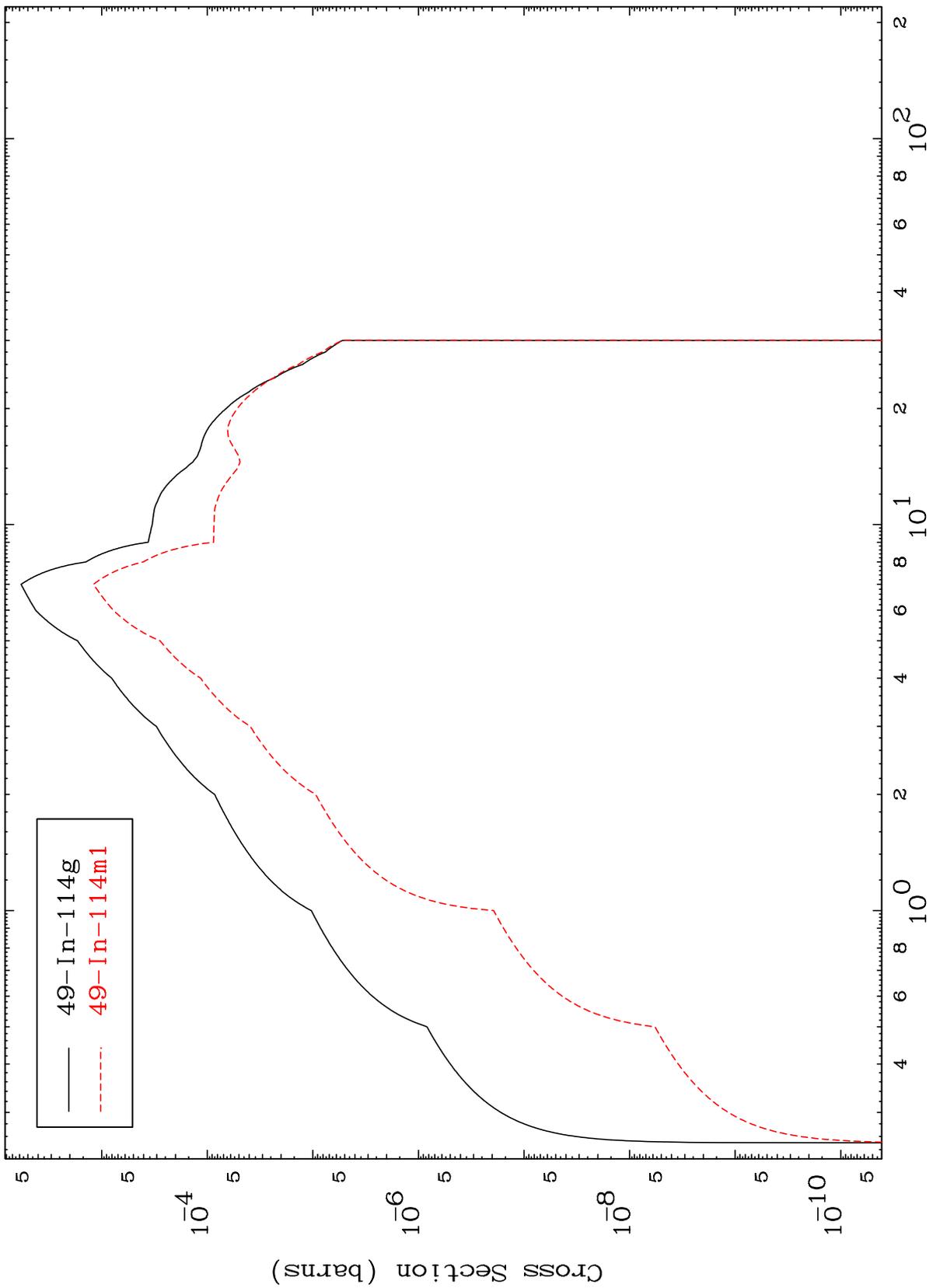
Radionuclide Production Cross Section



MAT 4928

49-In-114

(n,γ)  
Radionuclide Production Cross Section



— 49-In-114g  
- - - 49-In-114m1

18

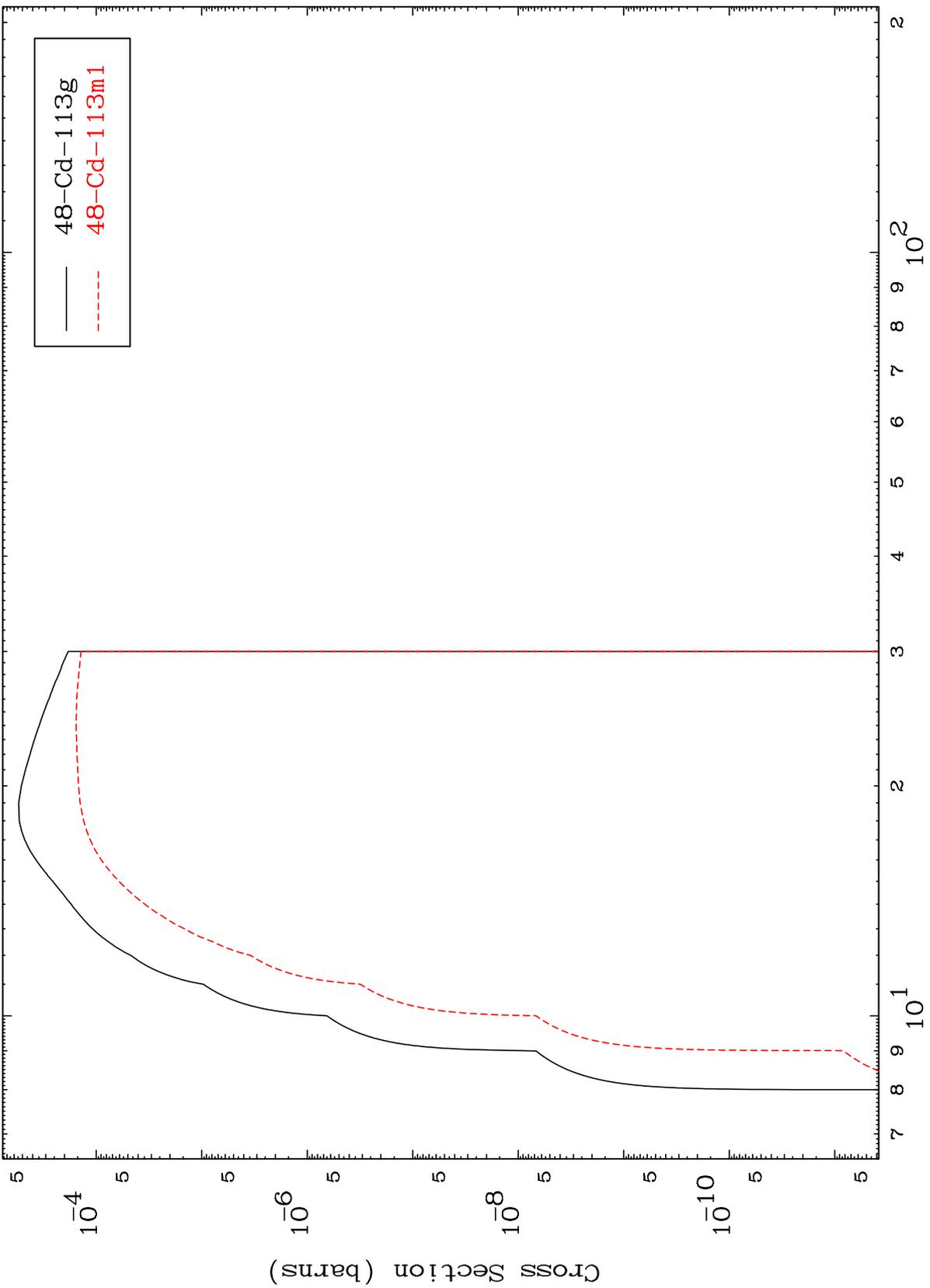
Incident Energy (MeV)

49-In-114

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49-In-114

(n,p)  
Radionuclide Production Cross Section



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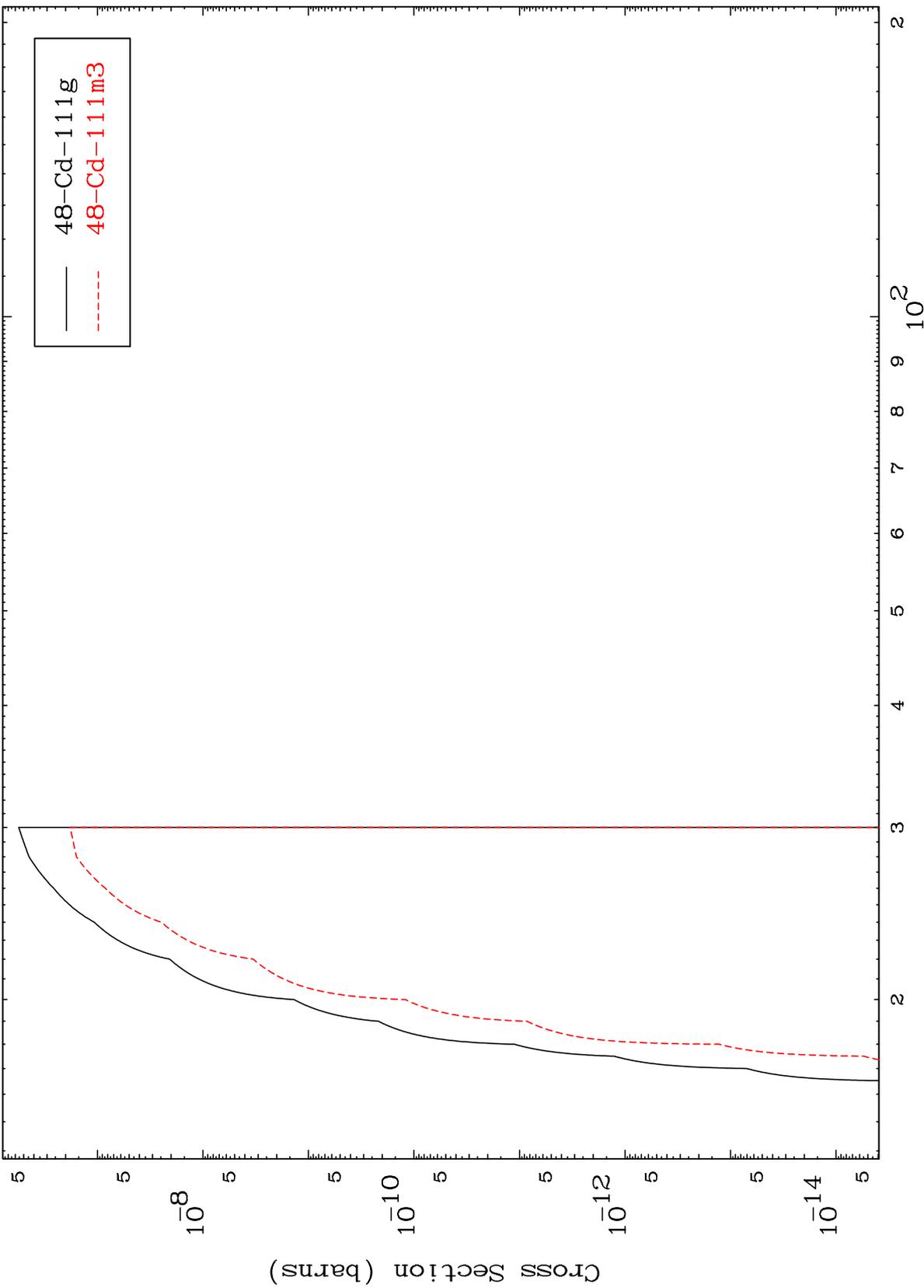
Incident Energy (MeV)

49-In-114

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49-In-114

(n,t)  
Radionuclide Production Cross Section



20

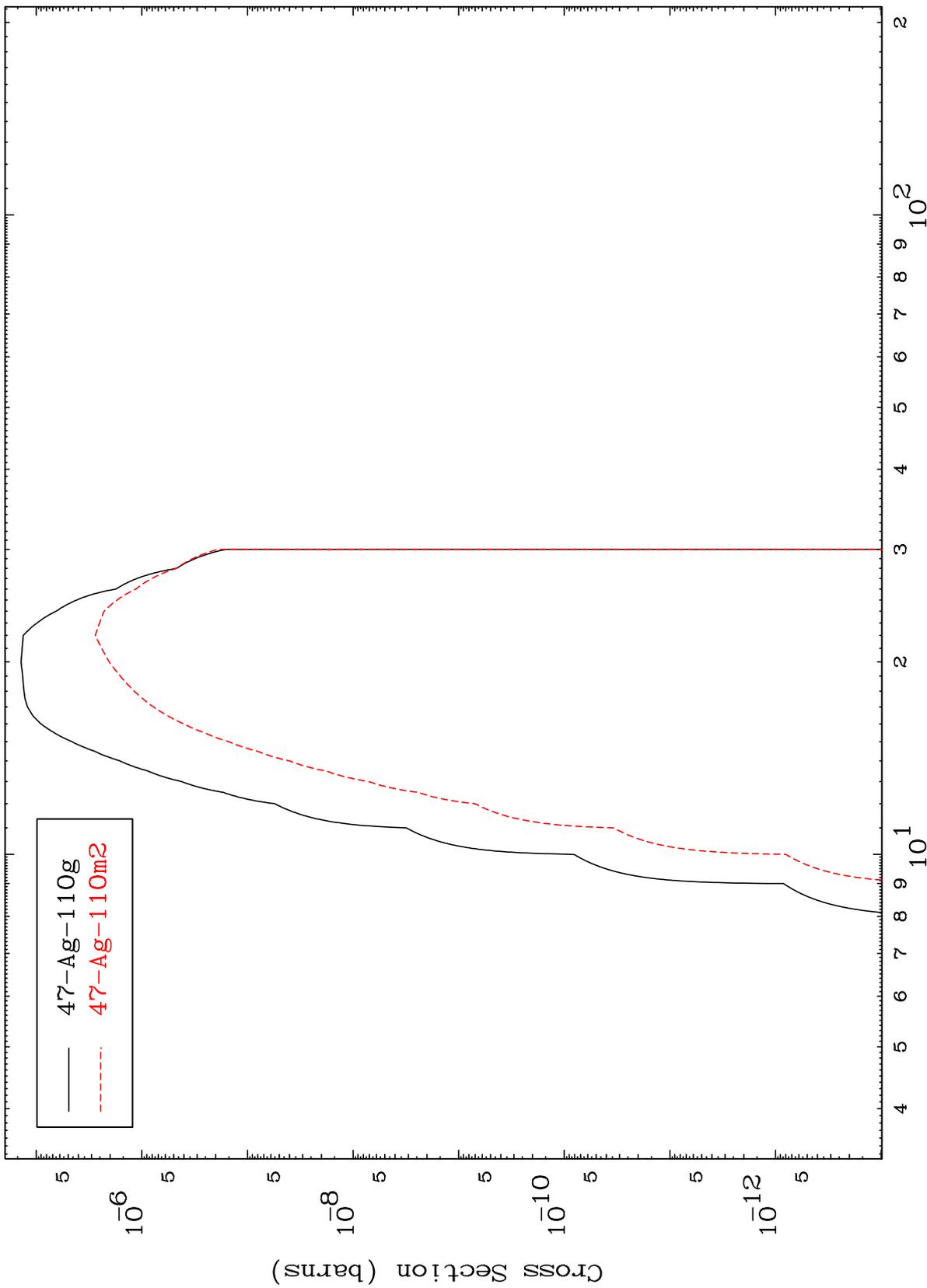
Incident Energy (MeV)

49-In-114

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49-In-114

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



49-In-114

Incident Energy (MeV)

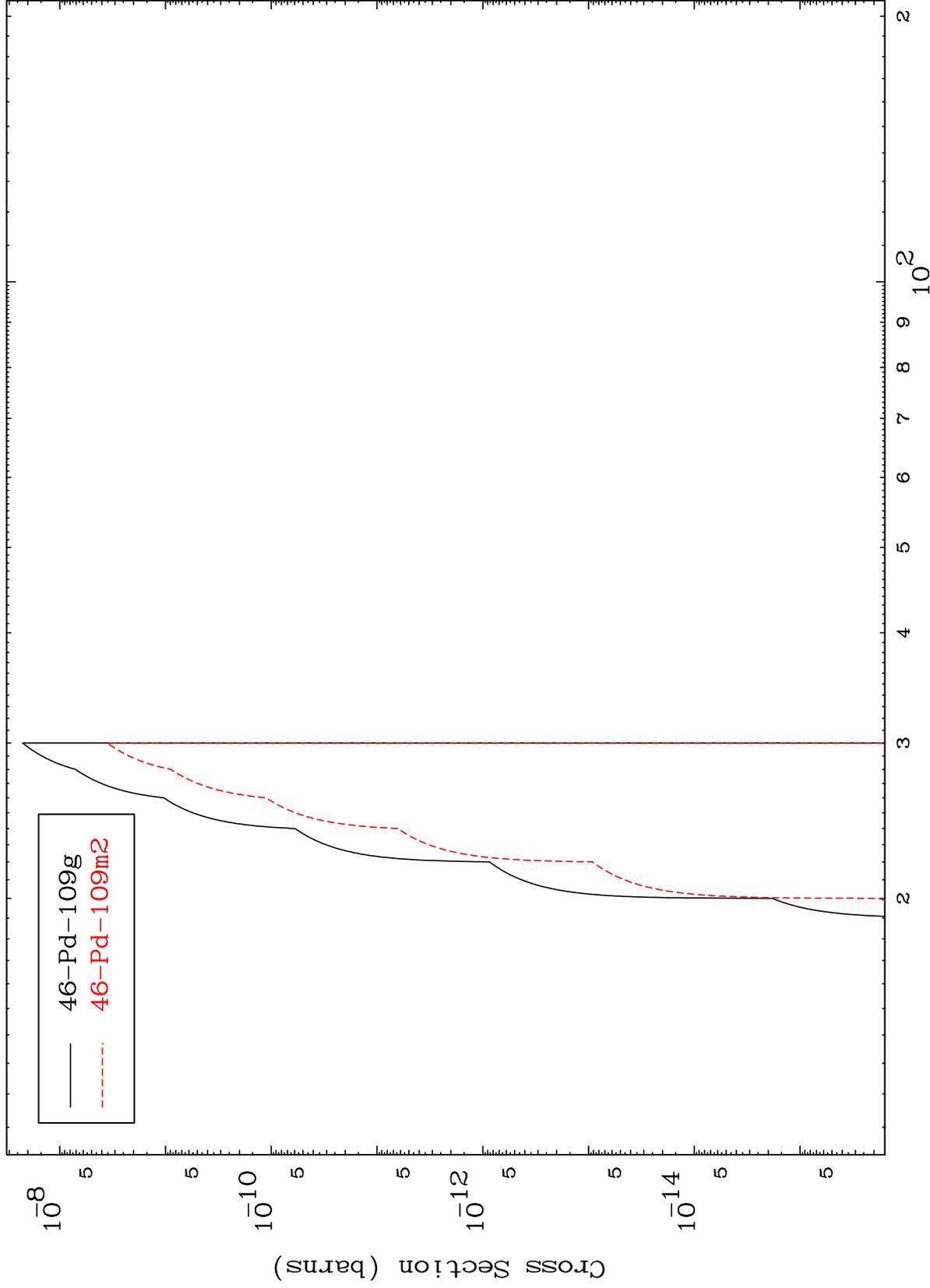
21

MAT 4928

(n,p)  $\alpha$

49-In-114

Radionuclide Production Cross Section



22

Incident Energy (MeV)

49-In-114