

Program EVALPLOT  
(Version 2021-1)

by

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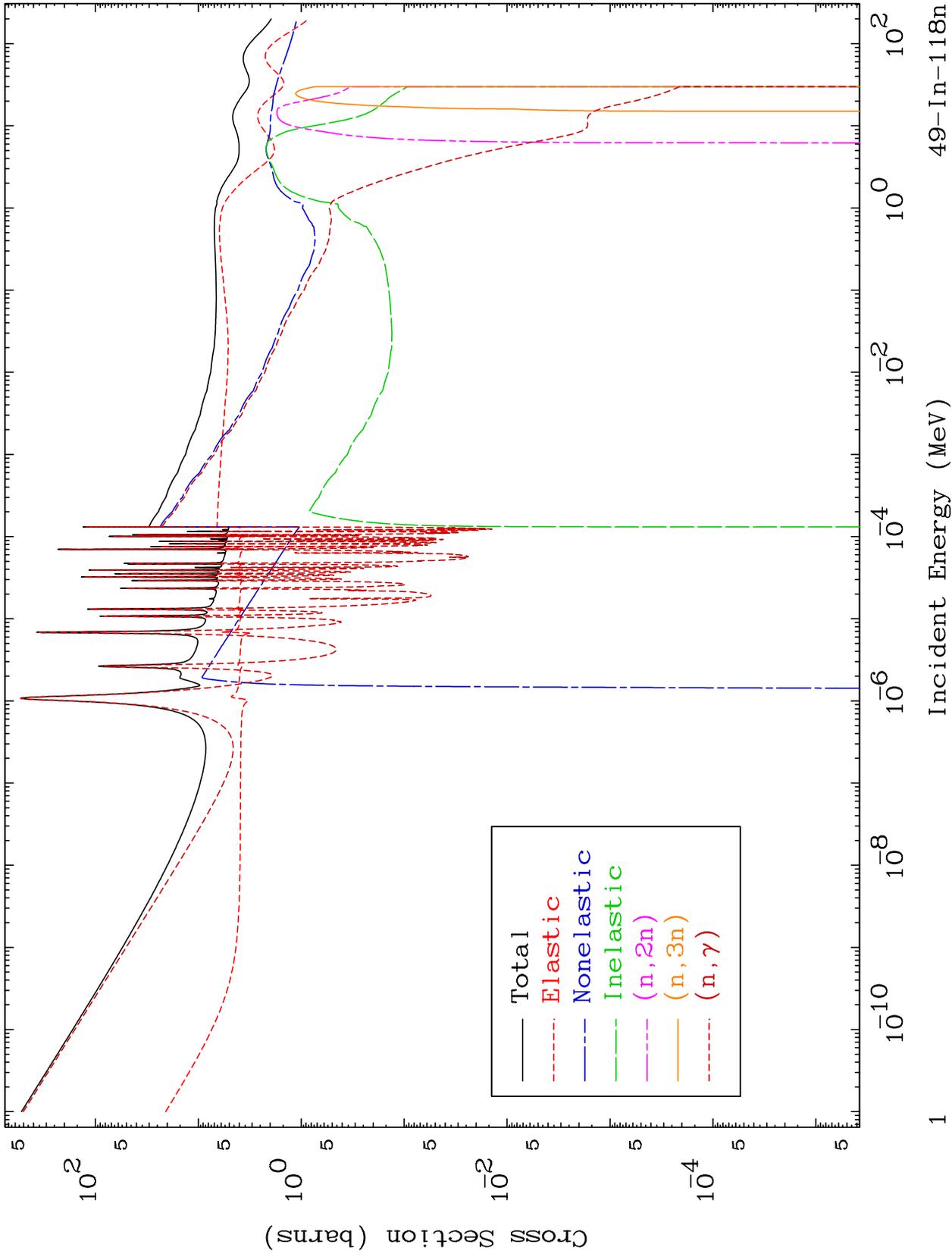
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Press Mouse Button to Start

MAT 4942

Neutron Major  
293 Kelvin Cross Sections

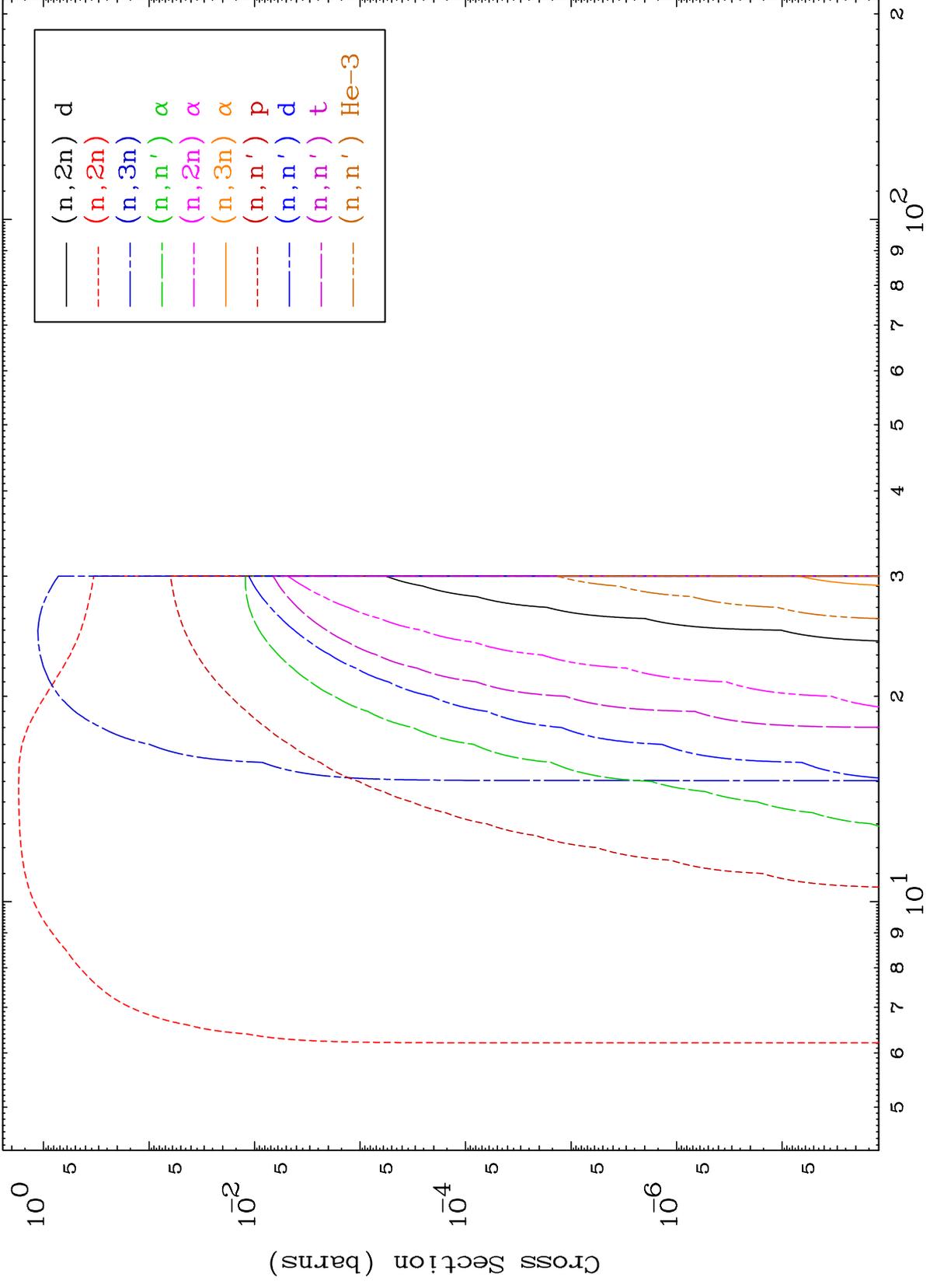
49-In-118n



MAT 4942

Neutron Absorption  
293 Kelvin Cross Sections

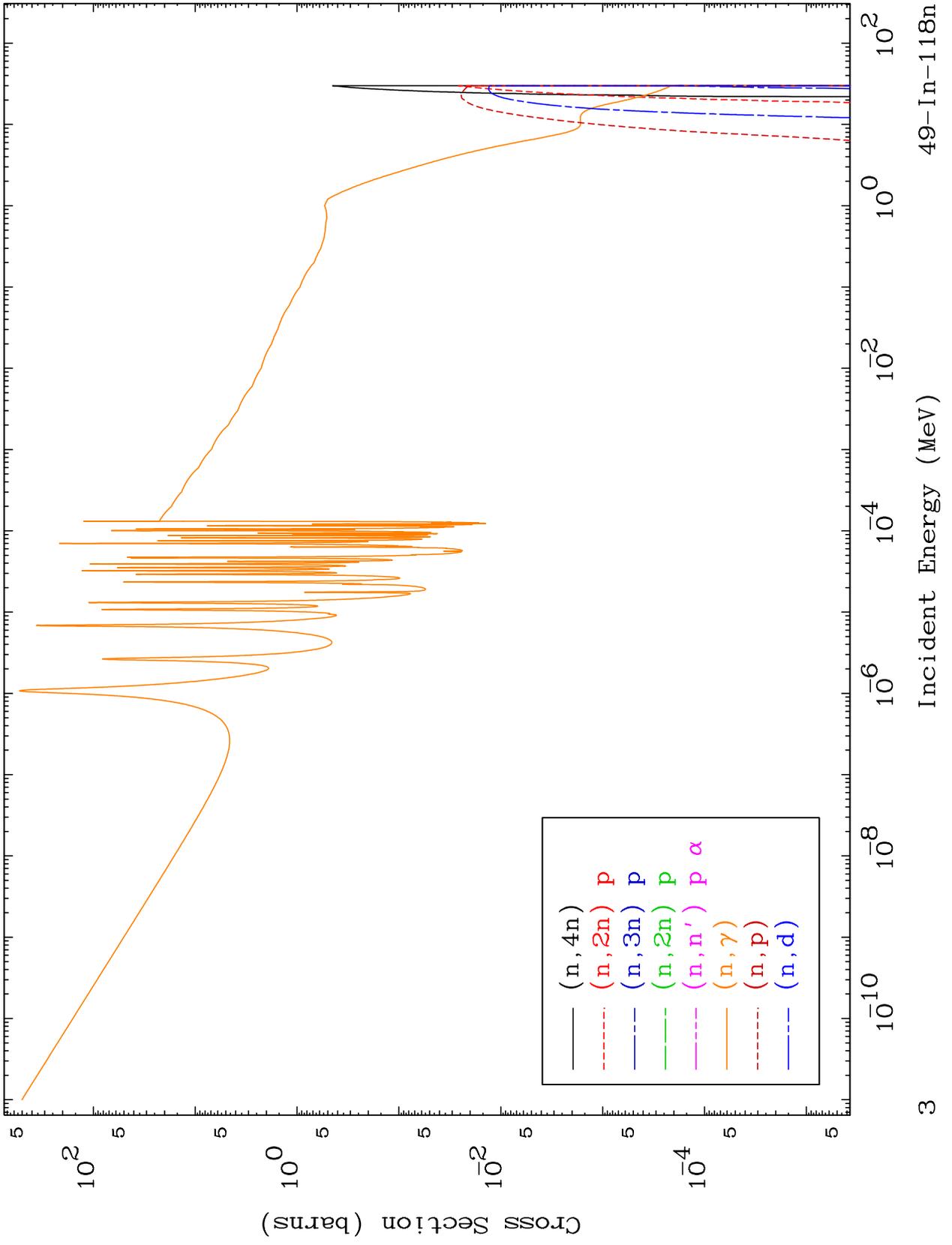
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MAT 4942

Neutron Absorption  
293 Kelvin Cross Sections

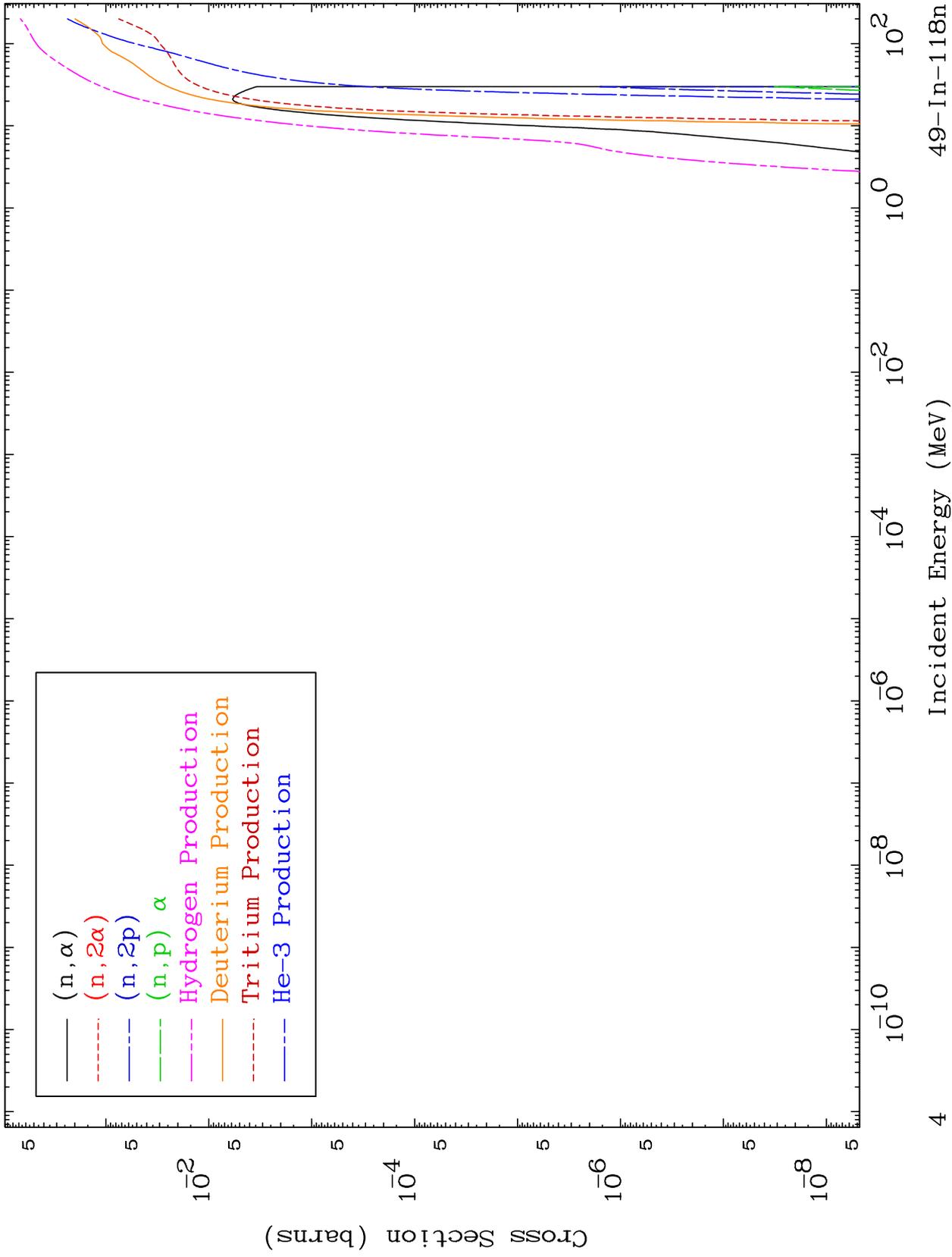
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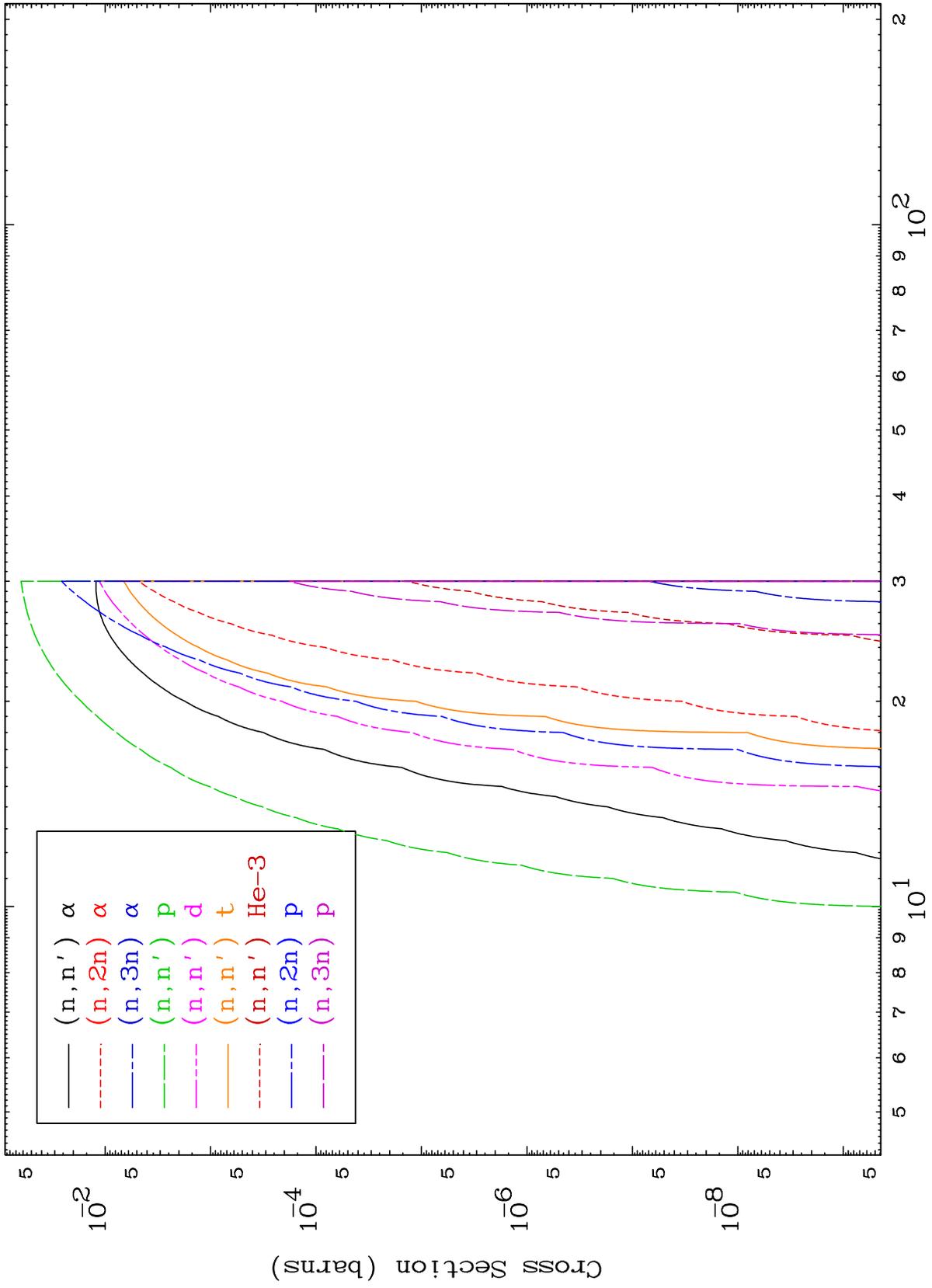


MAT 4942

Neutron Absorption  
293 Kelvin Cross Sections

49-In-118n

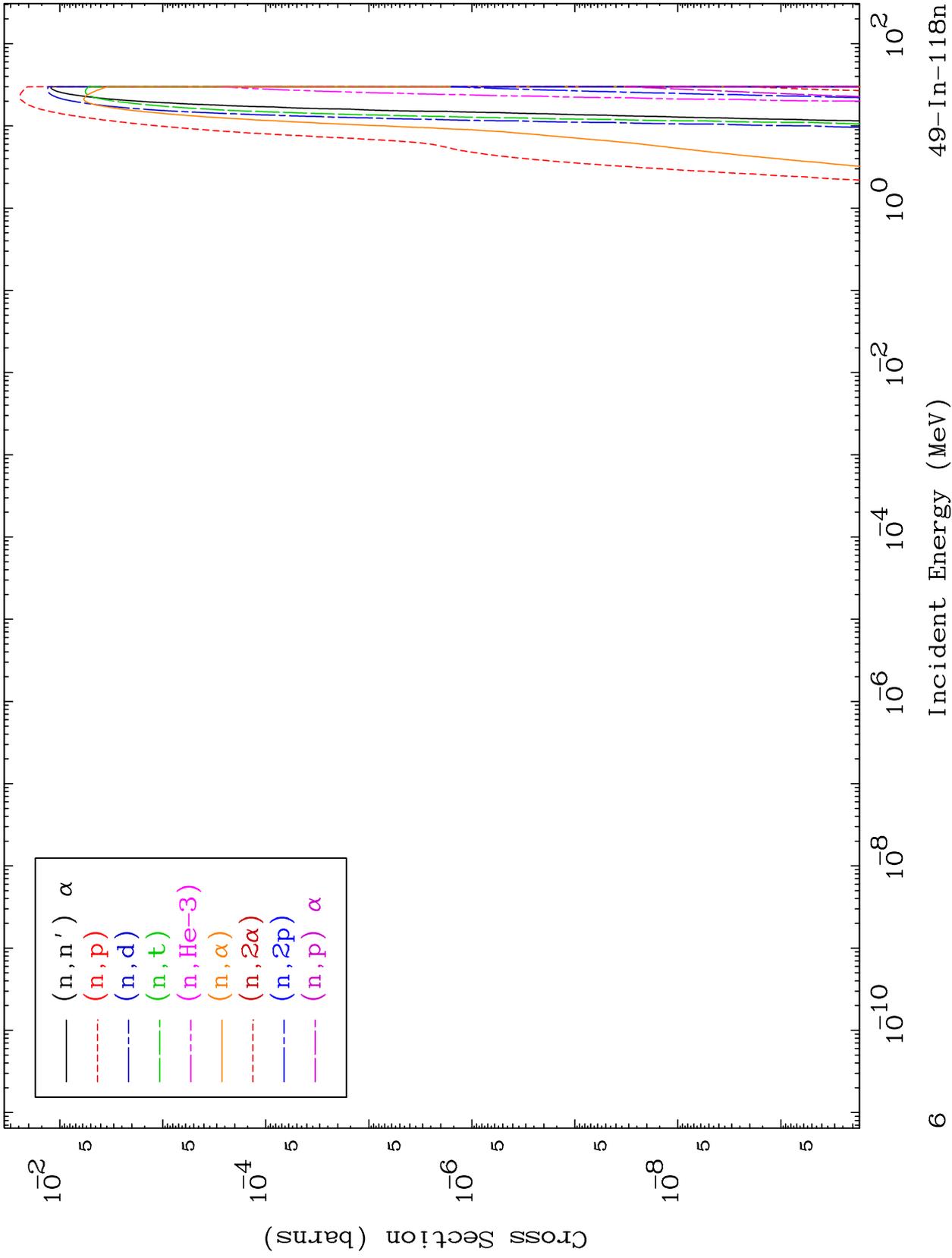




MAT 4942

Charged Particle  
293 Kelvin Cross Sections

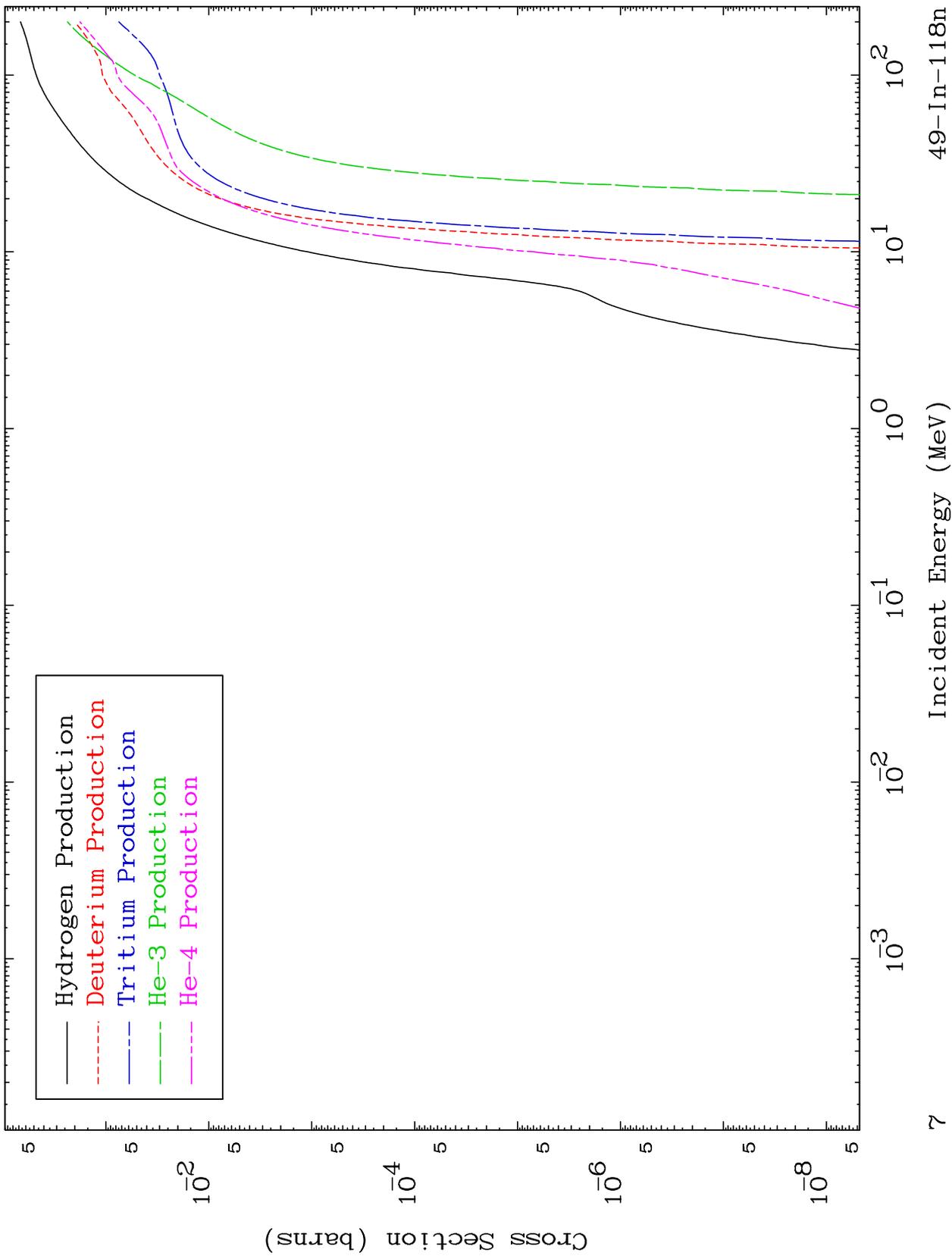
49-In-118n



MAT 4942

Particle Production  
293 Kelvin Cross Sections

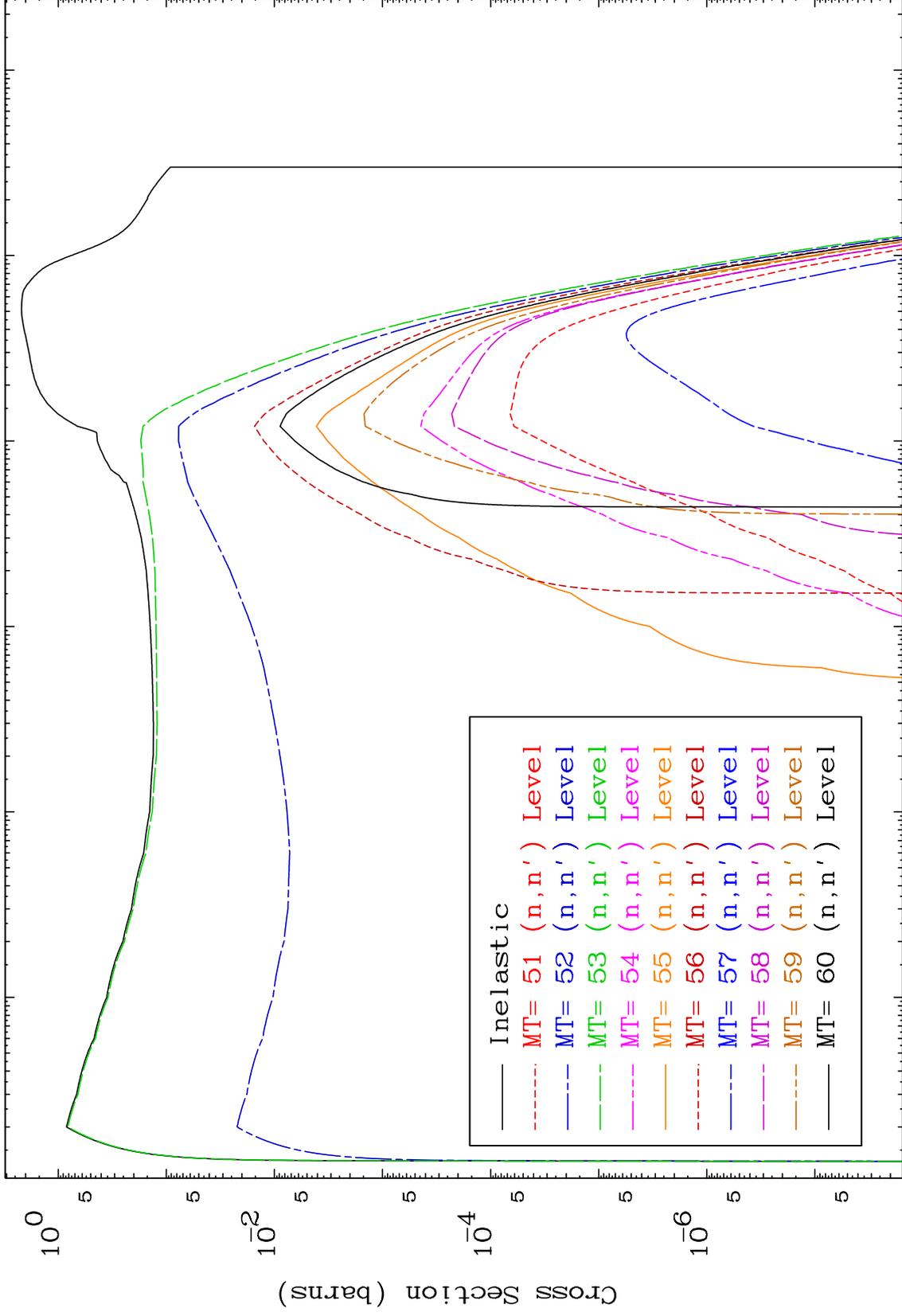
49-In-118n



MAT 4942

(n,n') Levels  
293 Kelvin Cross Sections

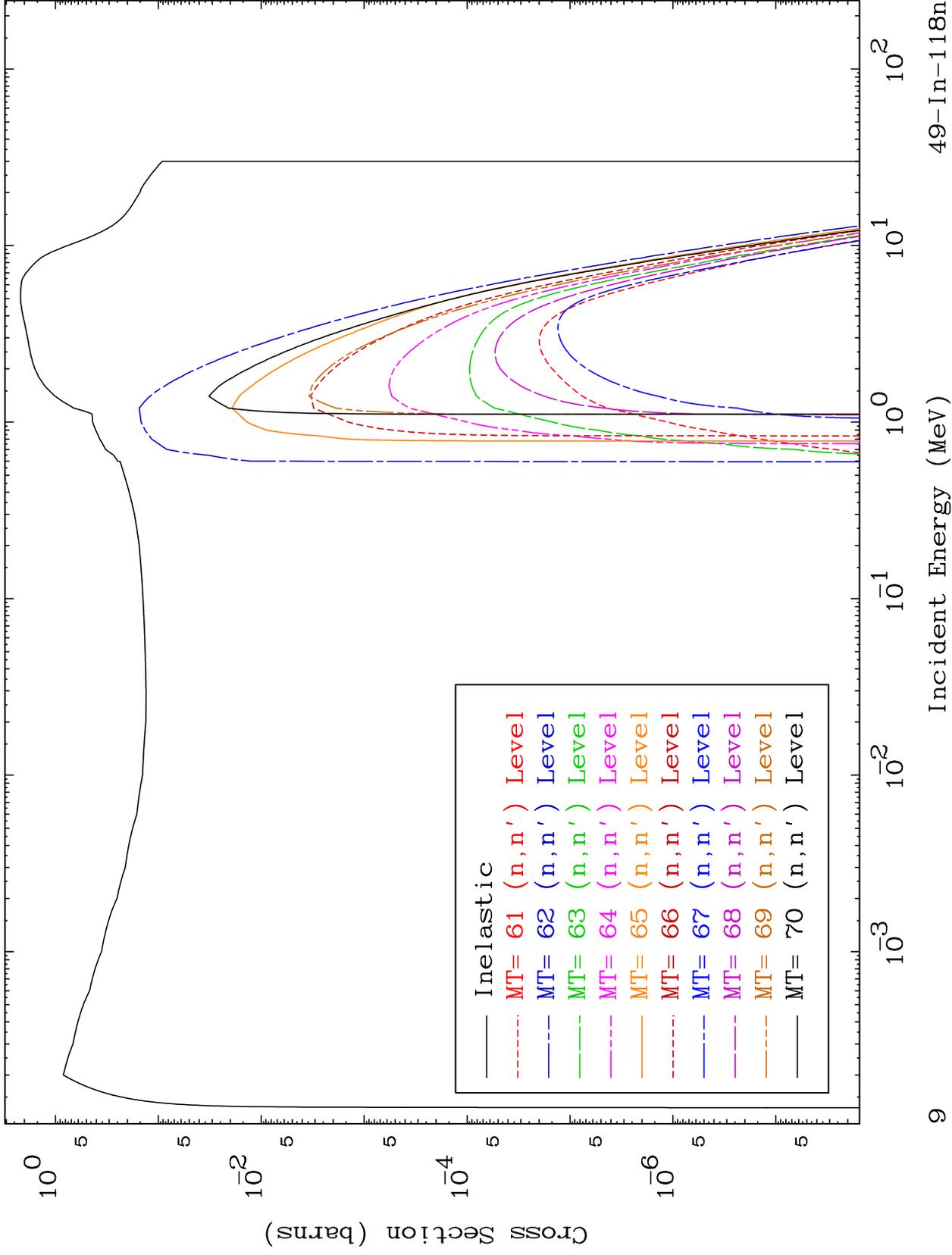
49-In-118n



MAT 4942

(n,n') Levels  
293 Kelvin Cross Sections

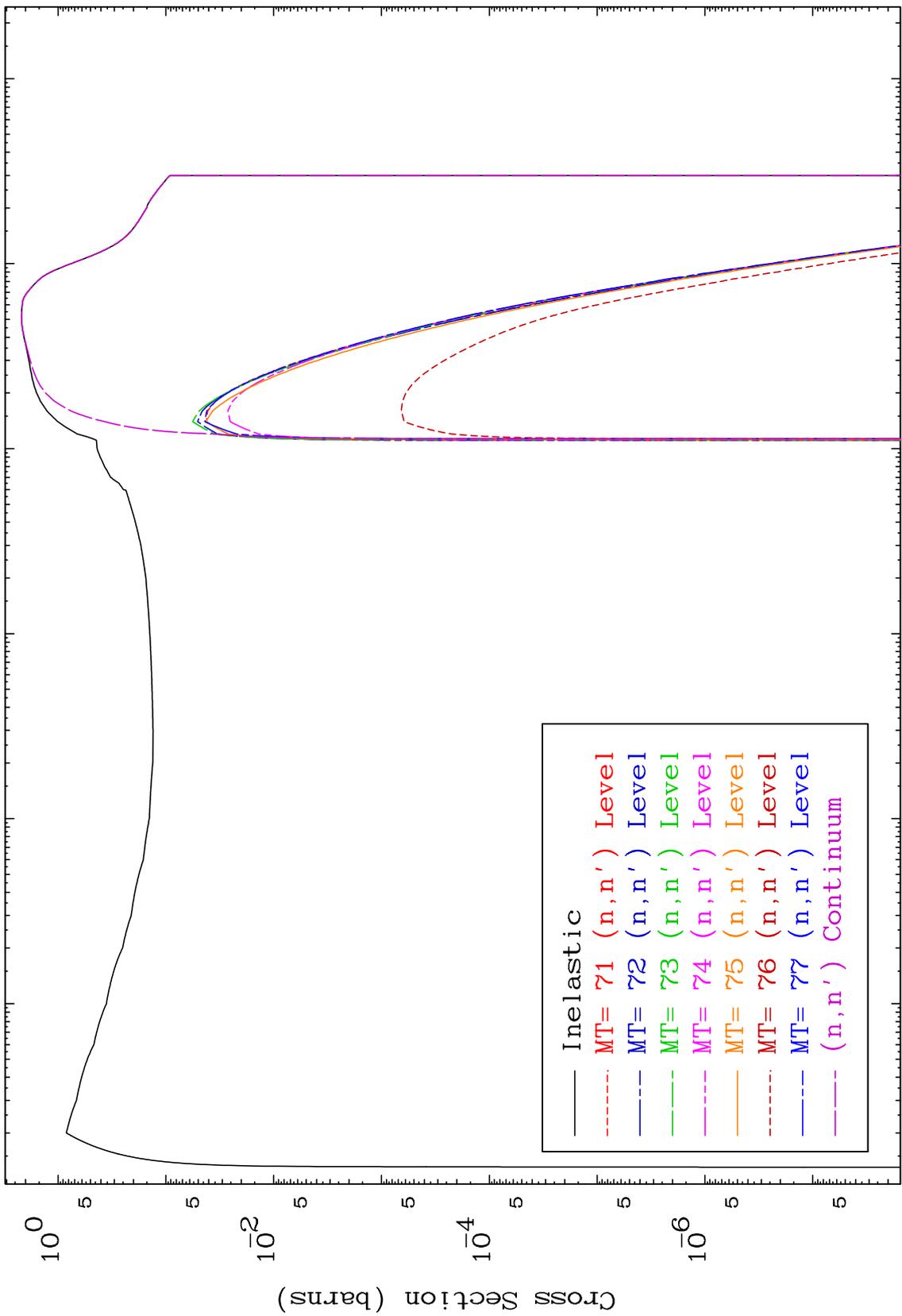
49-In-118n



MAT 4942

(n,n') Levels  
293 Kelvin Cross Sections

49-In-118n



10

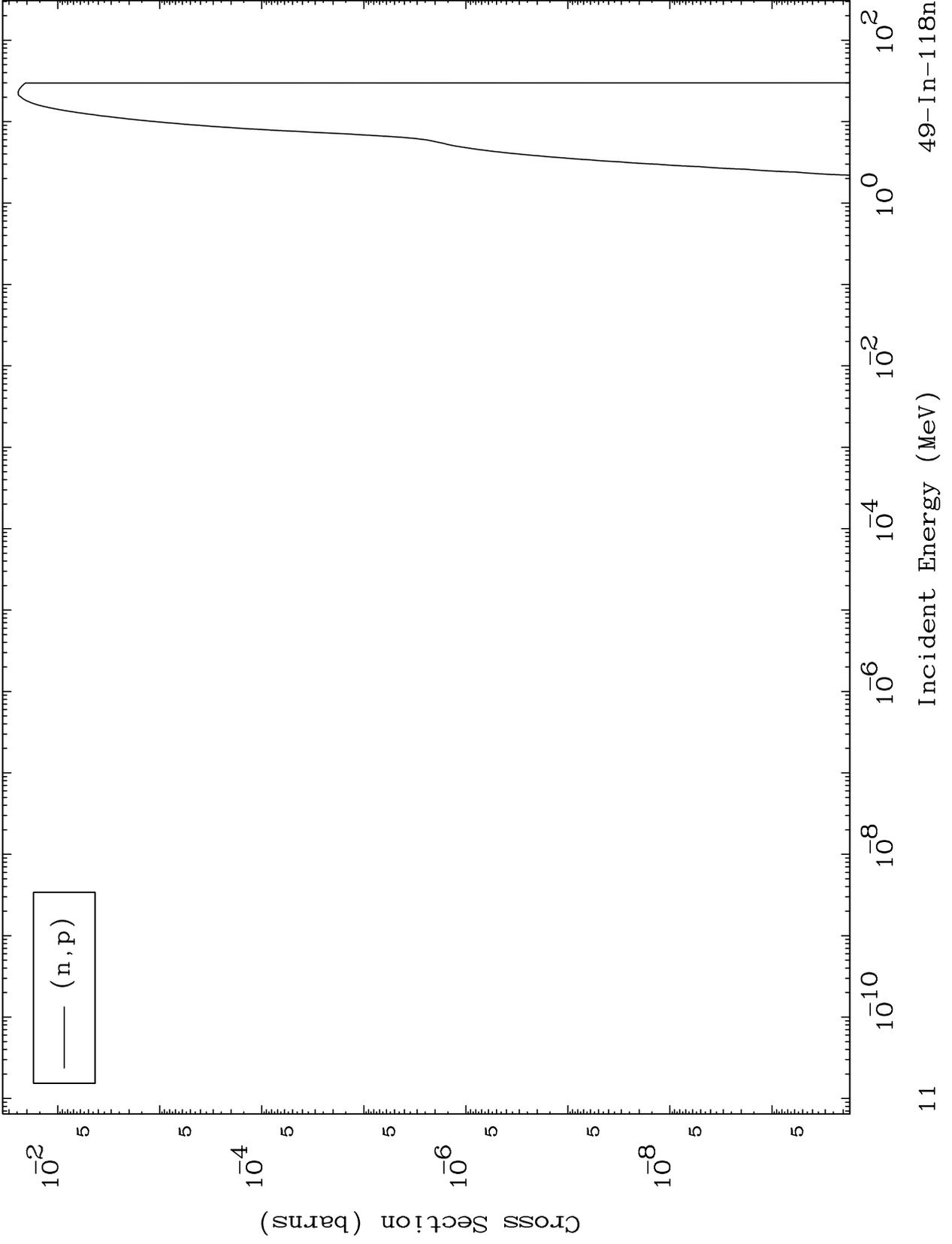
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,p) Levels  
293 Kelvin Cross Sections

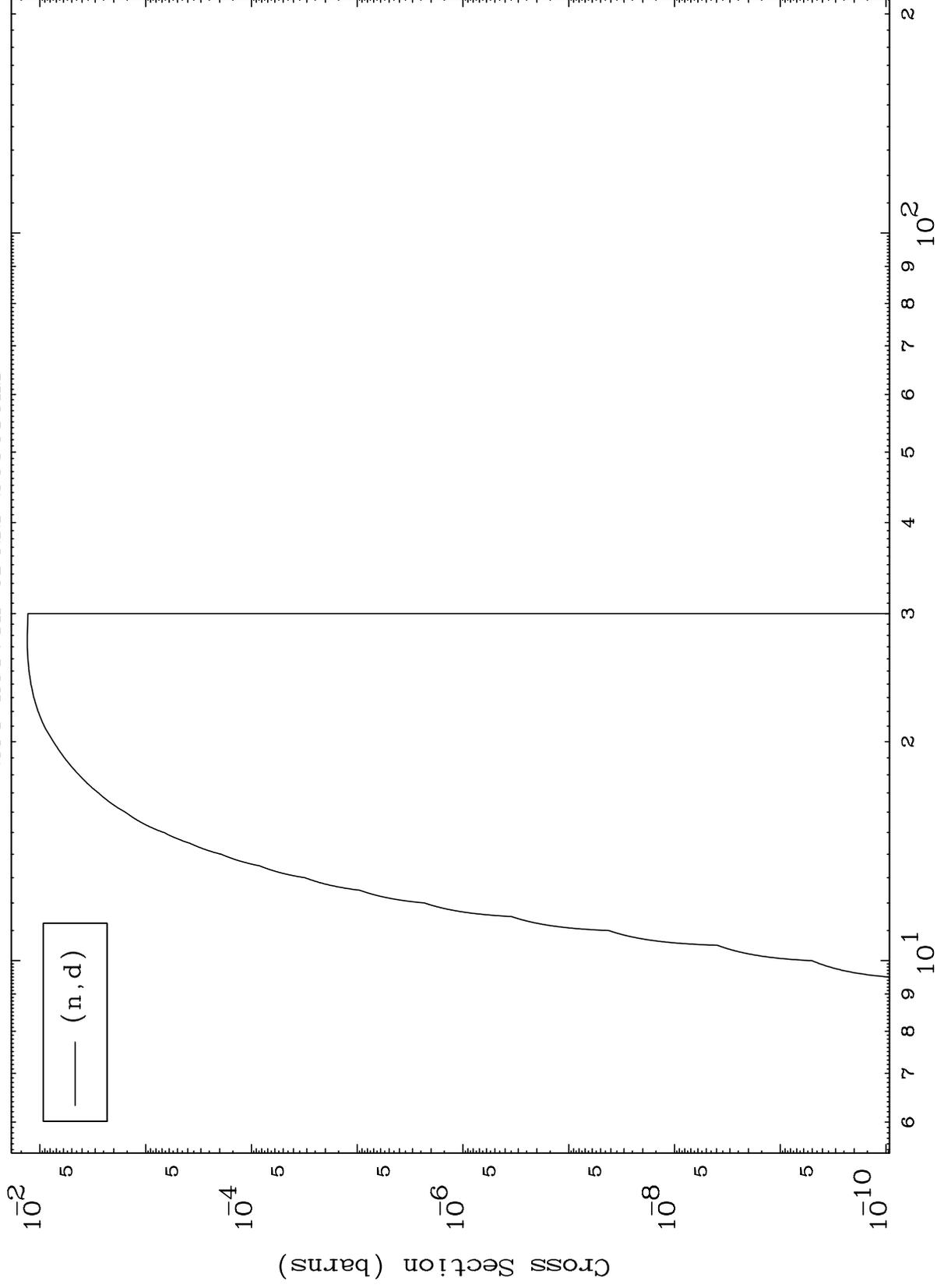
49-In-118n



MAT 4942

(n,d) Levels  
293 Kelvin Cross Sections

49-In-118n



12

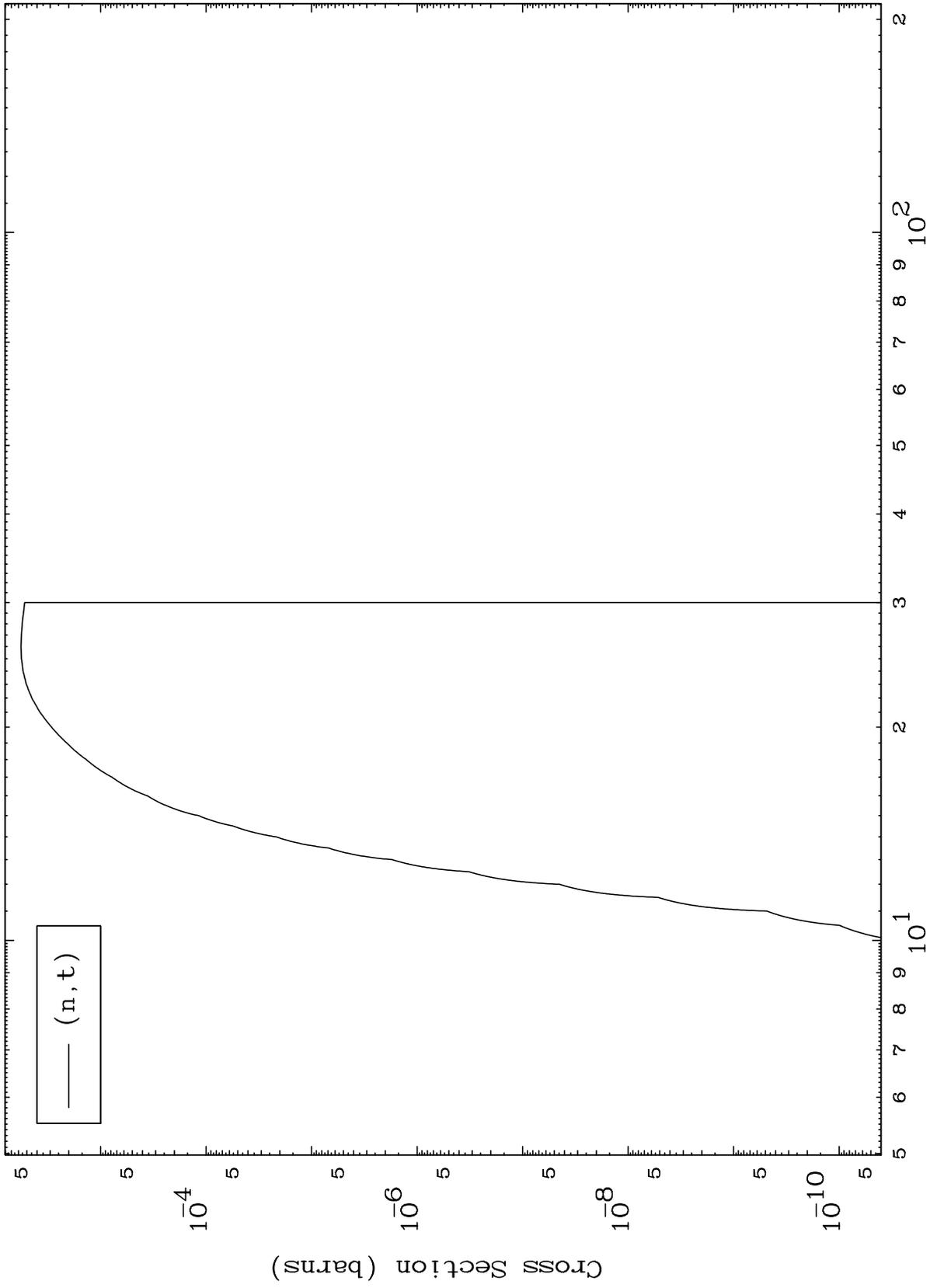
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,t) Levels  
293 Kelvin Cross Sections

49-In-118n



13

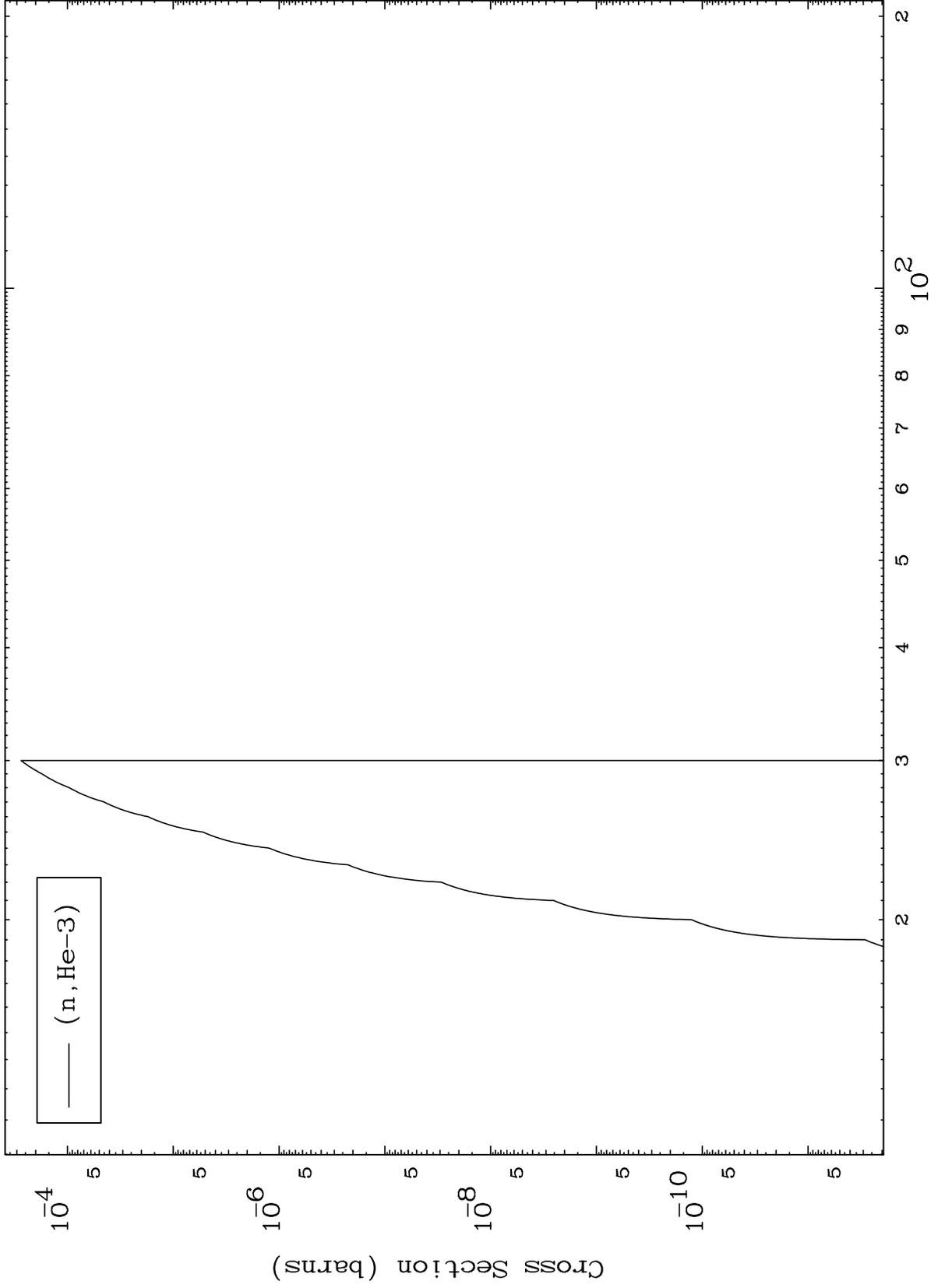
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-118n



14

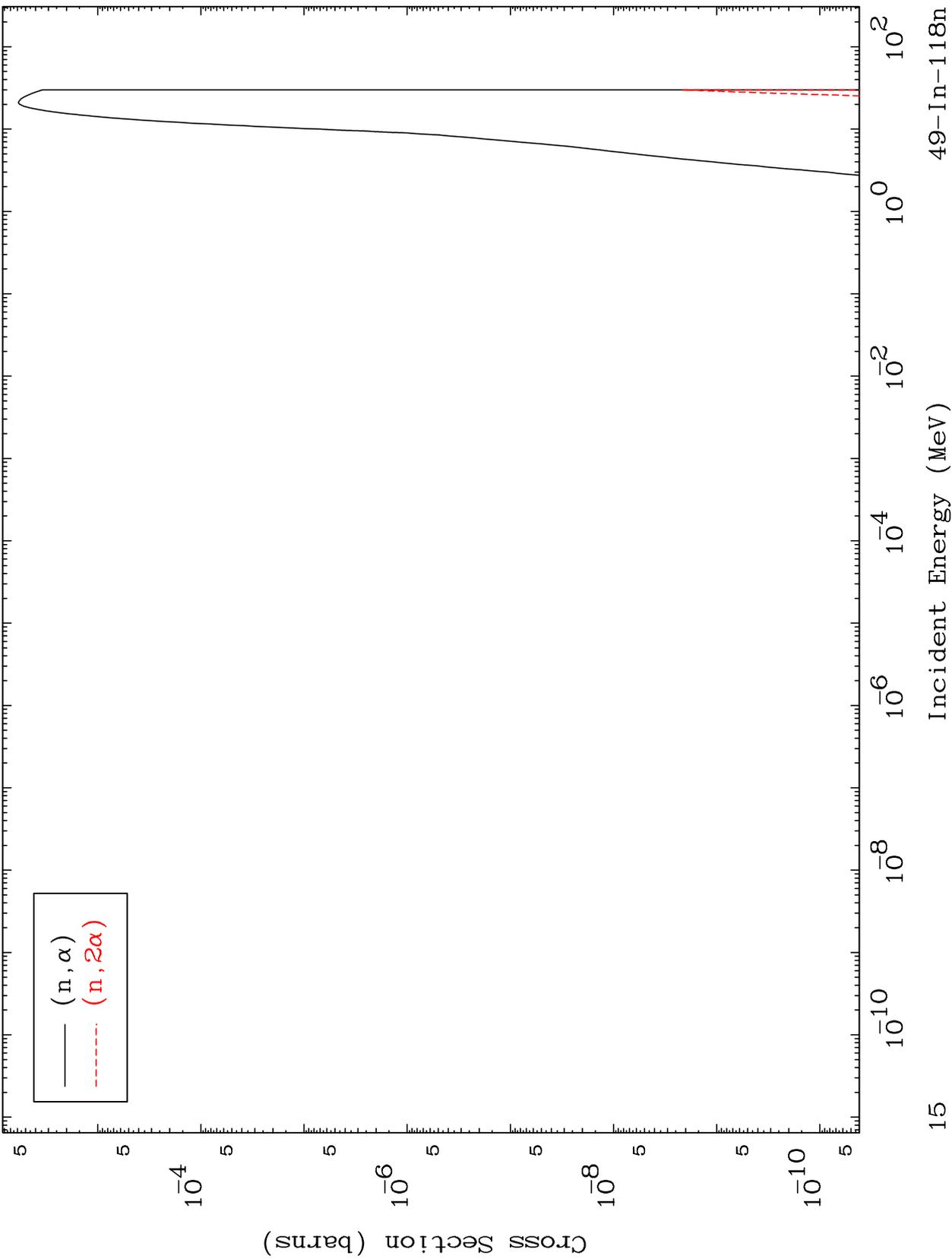
Incident Energy (MeV)

49-In-118n

MAT 4942

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

49-In-118n

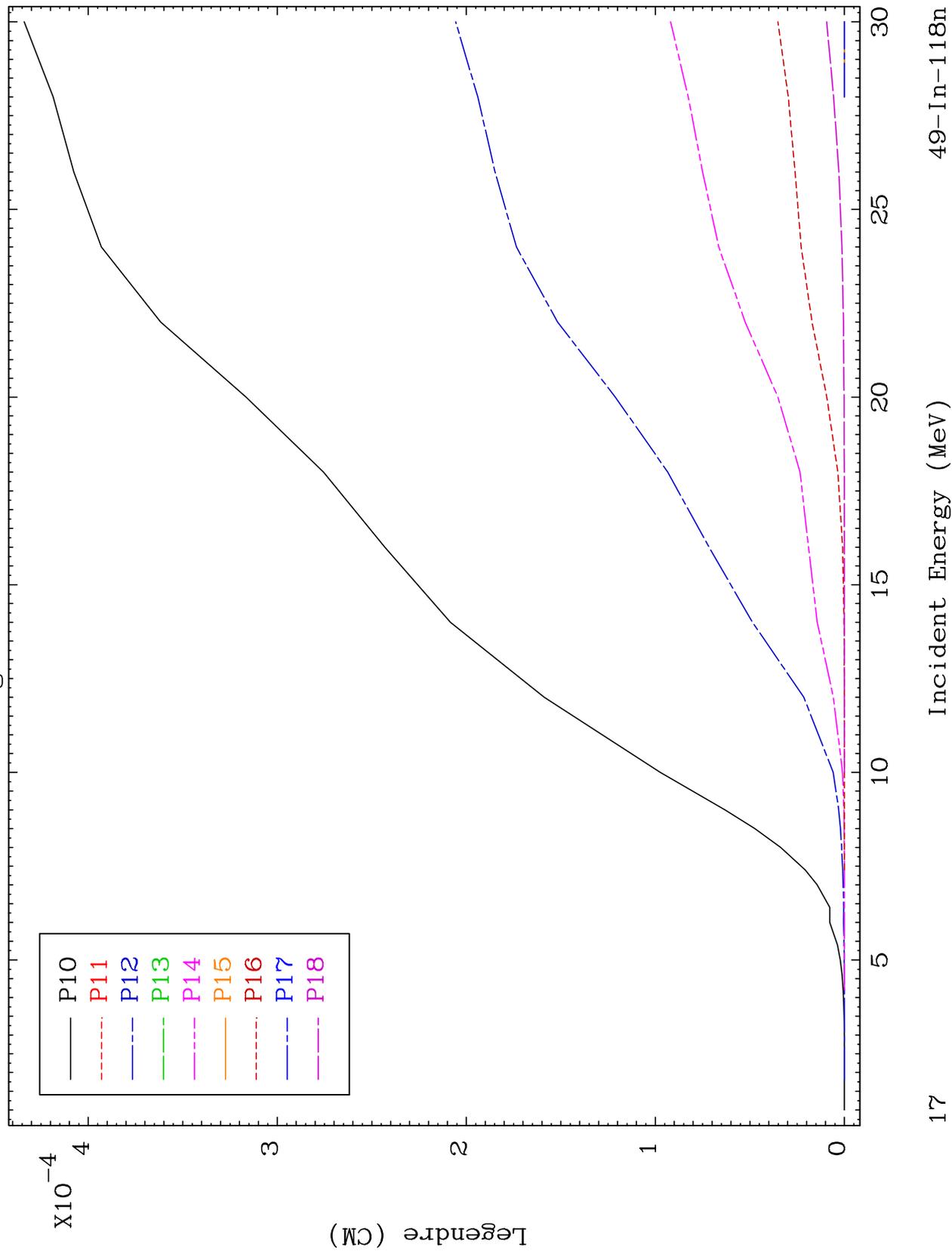




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Elastic Legendre Coefficients

49-In-118n



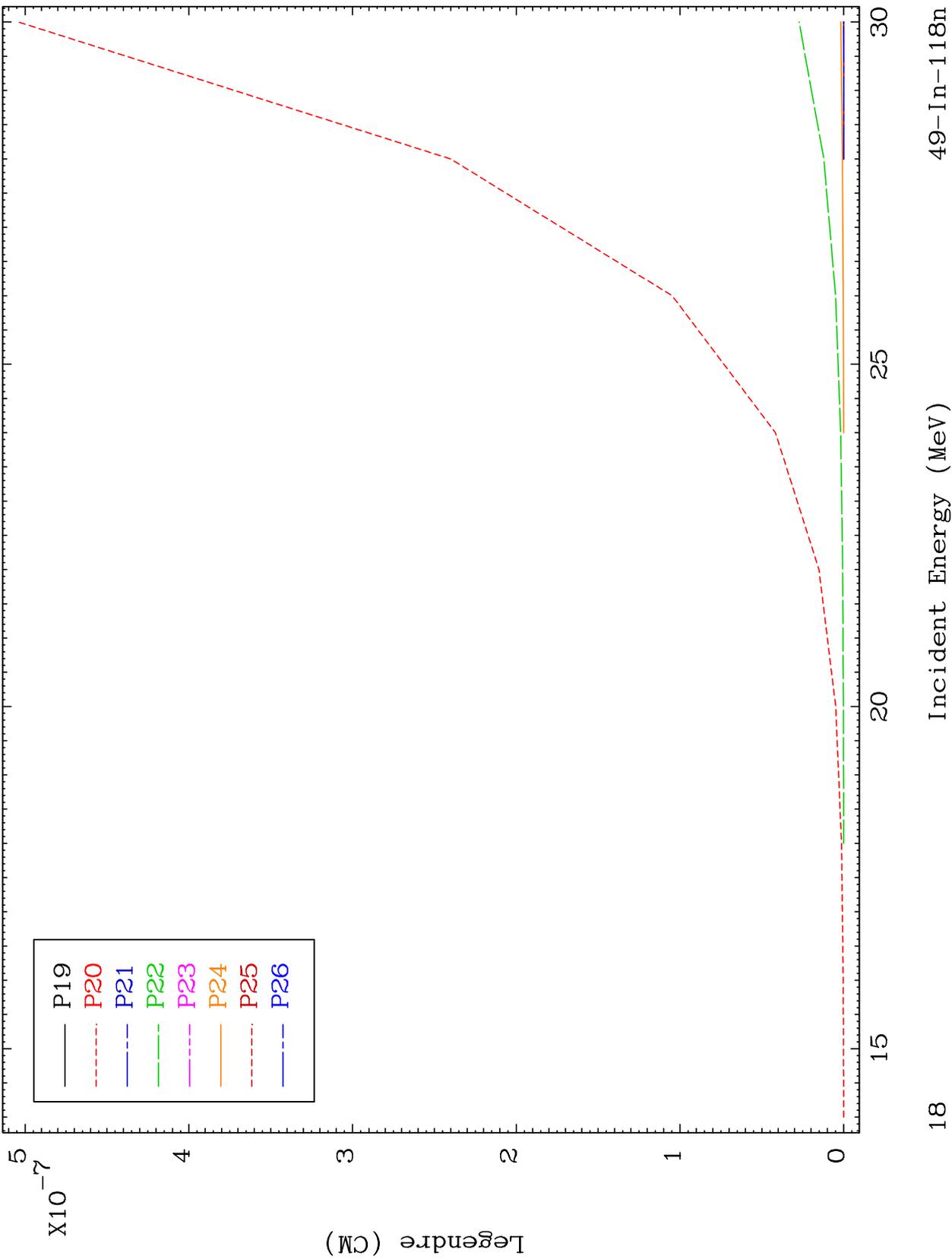
- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18

17

MAT 4942

Elastic Legendre Coefficients

49-In-118n



18

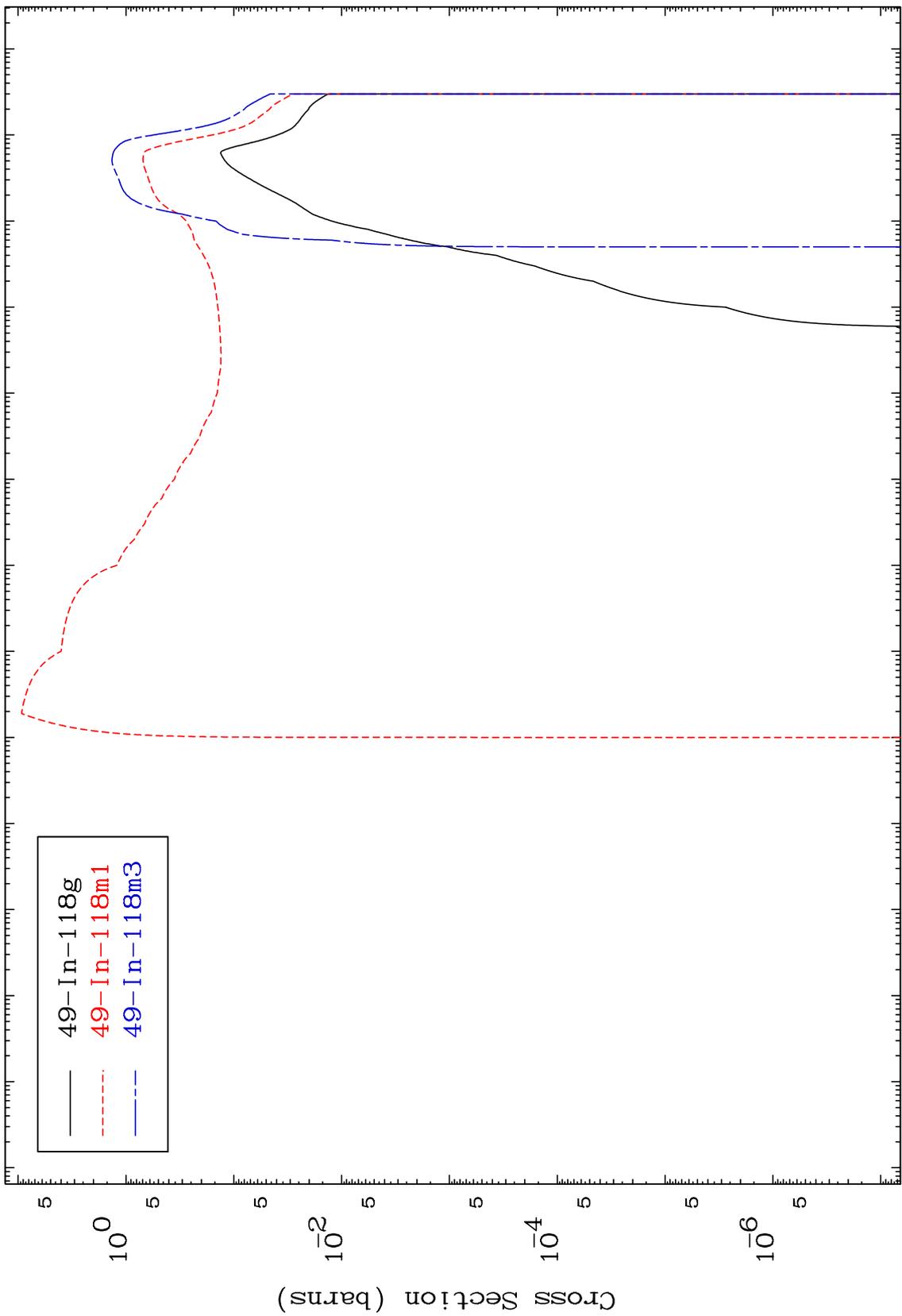
Incident Energy (MeV)

49-In-118n

MAT 4942

49-In-118n

Inelastic  
Radionuclide Production Cross Section

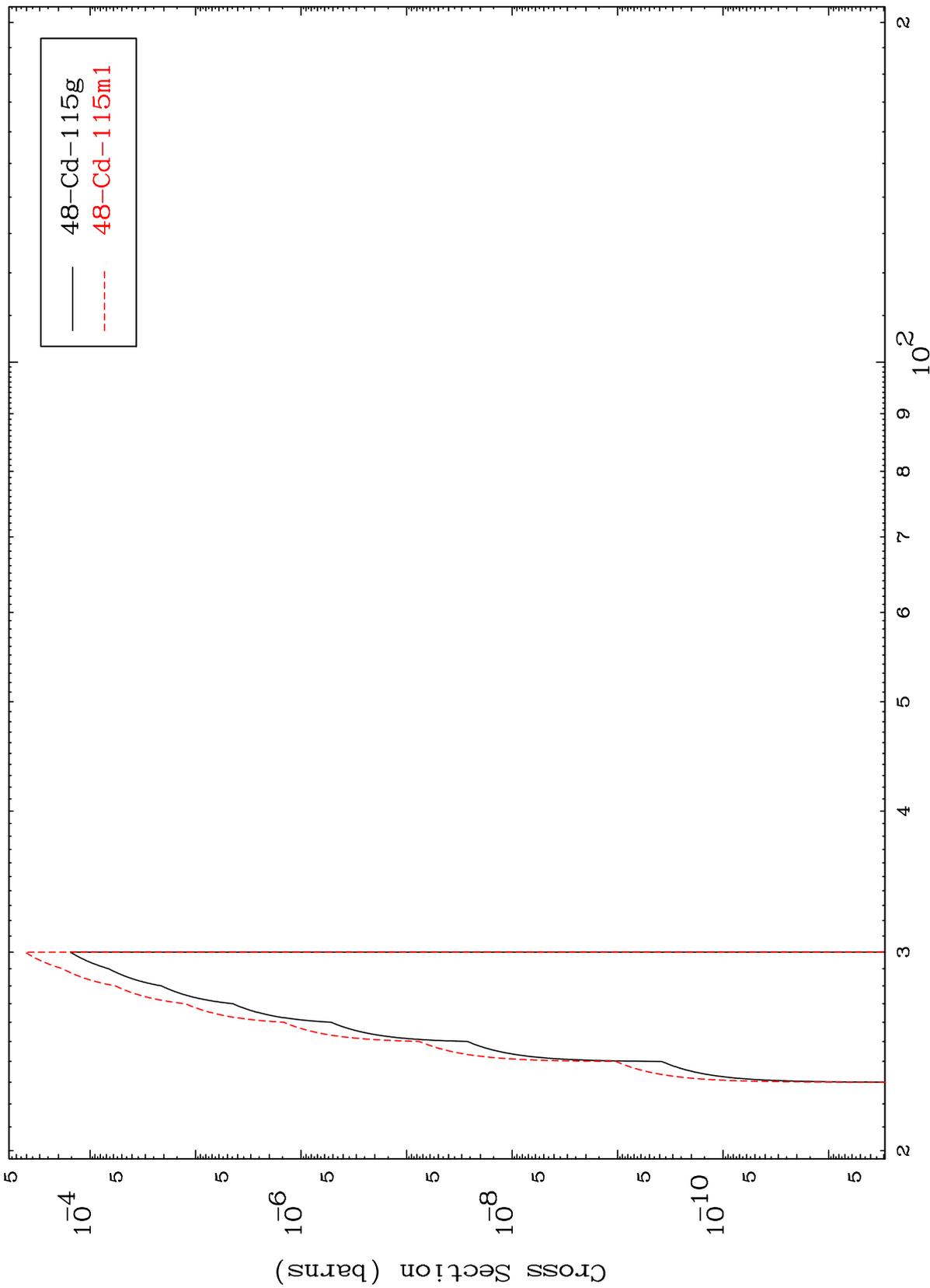


MAT 4942

(n,2n) d

49-In-118n

Radionuclide Production Cross Section



20

Incident Energy (MeV)

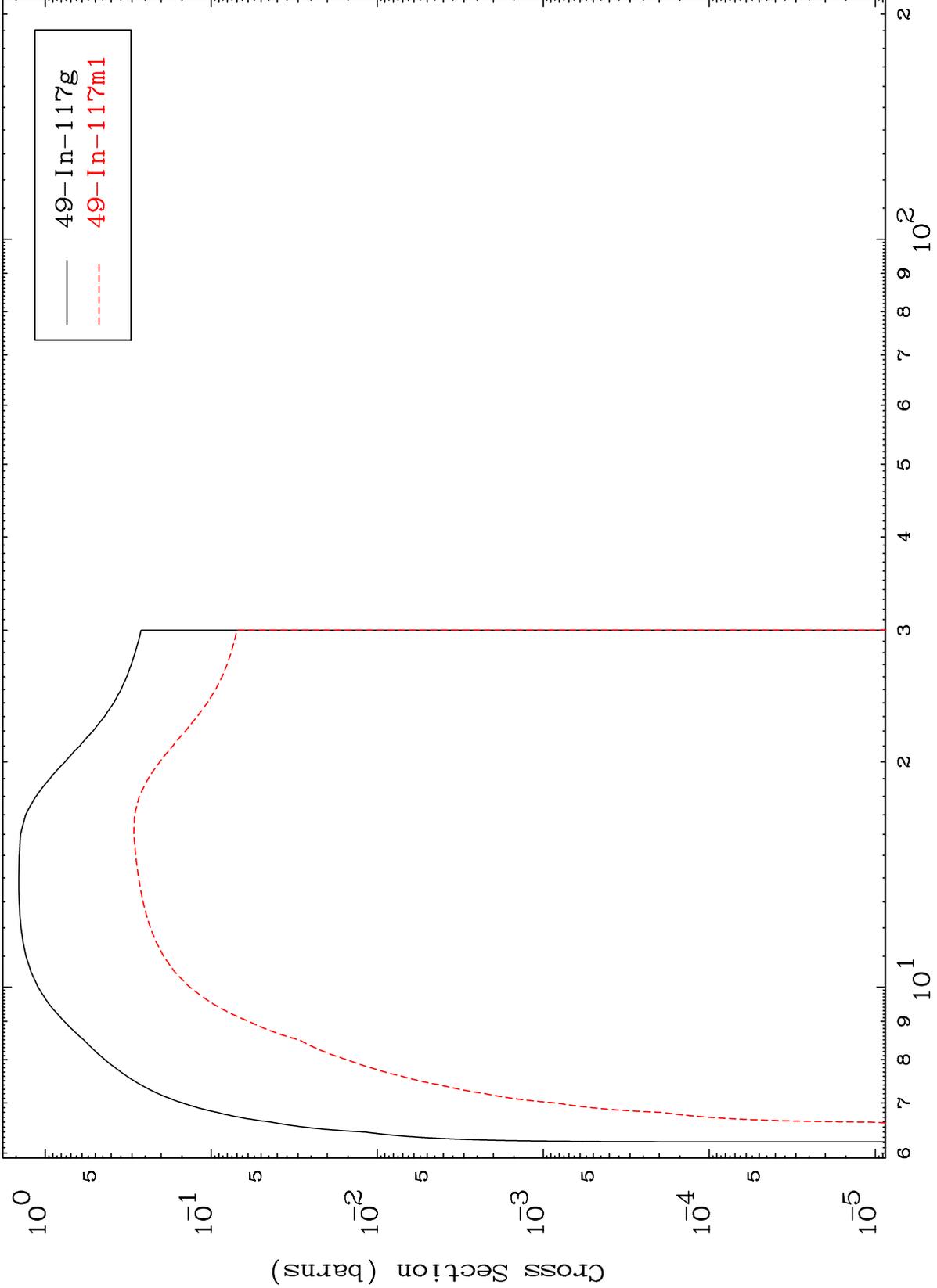
49-In-118n

MAT 4942

(n,2n)

49-In-118n

Radionuclide Production Cross Section



49-In-117g  
49-In-117m1

21

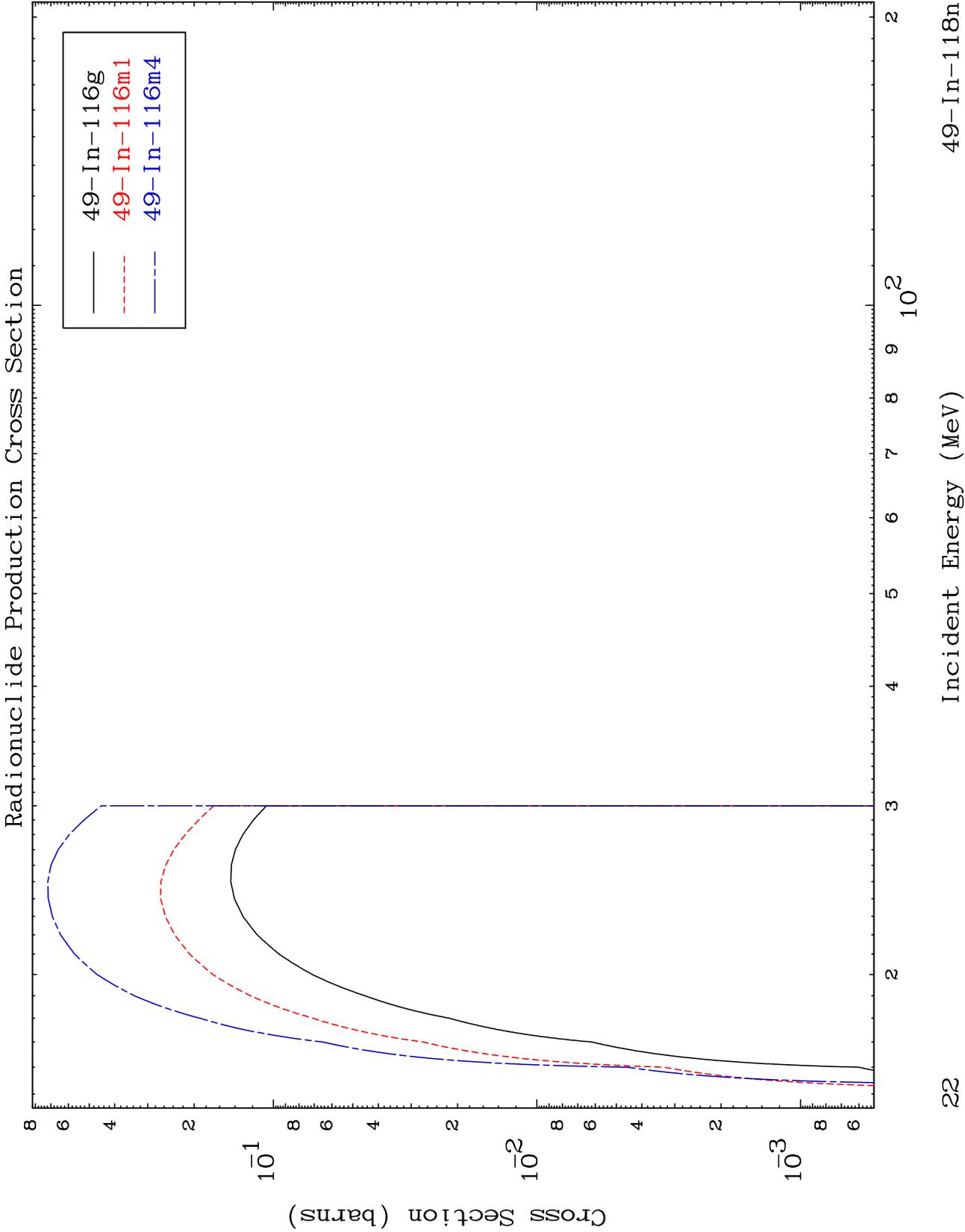
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,3n)

49-In-118n



22

Incident Energy (MeV)

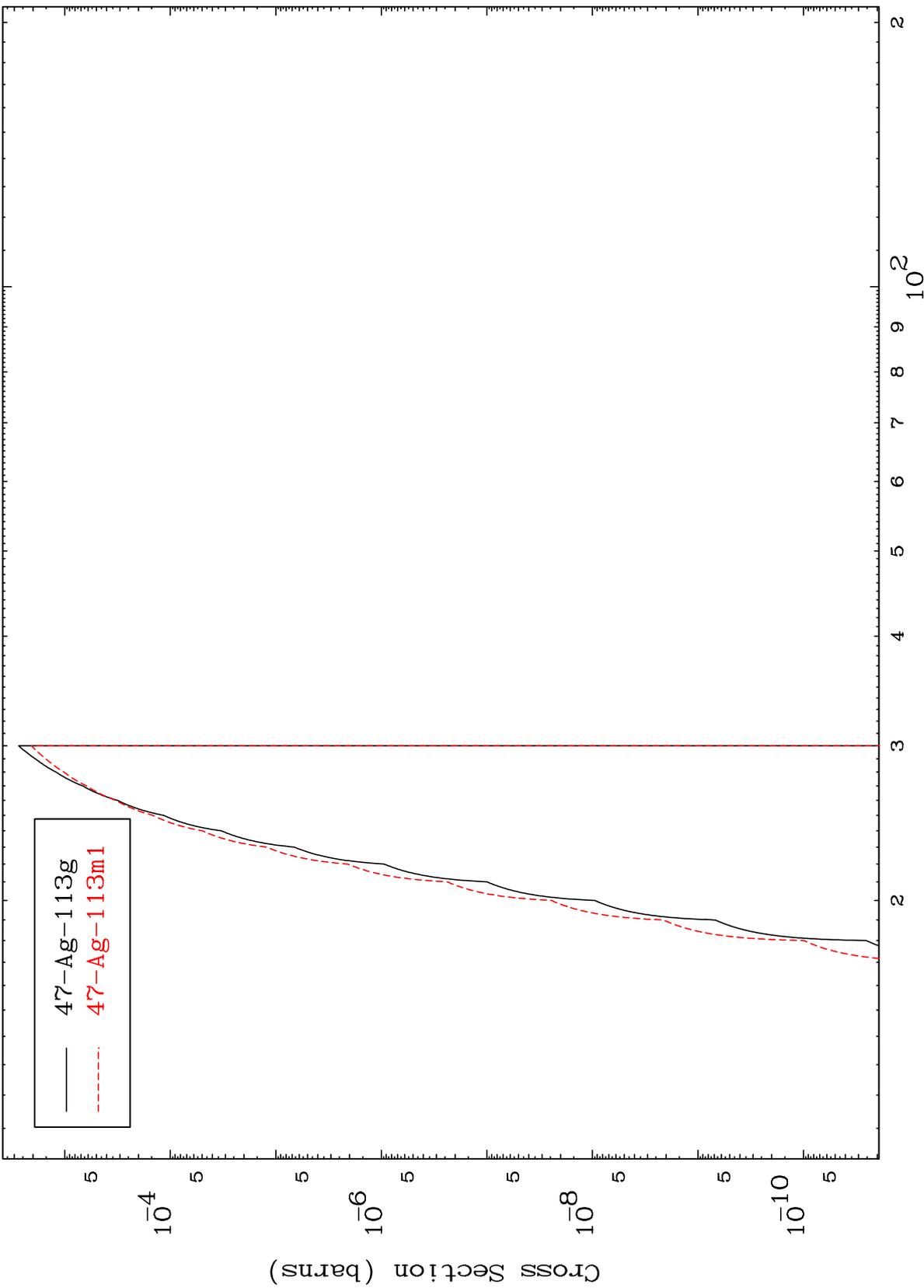
49-In-118n

MAT 4942

(n,2n)  $\alpha$

49-In-118n

Radionuclide Production Cross Section



Incident Energy (MeV)

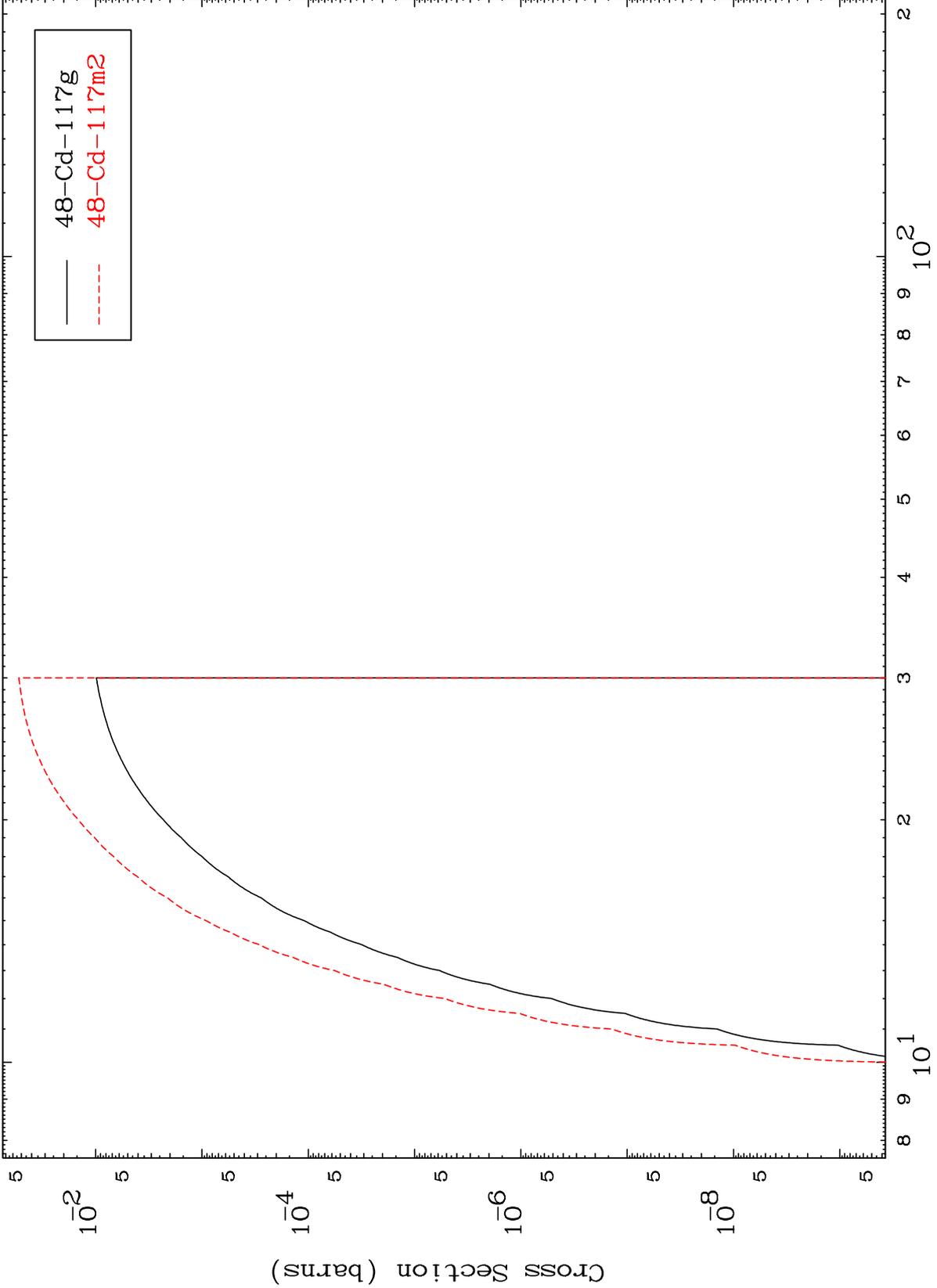
49-In-118n

MAT 4942

(n,n') p

49-In-118n

Radionuclide Production Cross Section



24

Incident Energy (MeV)

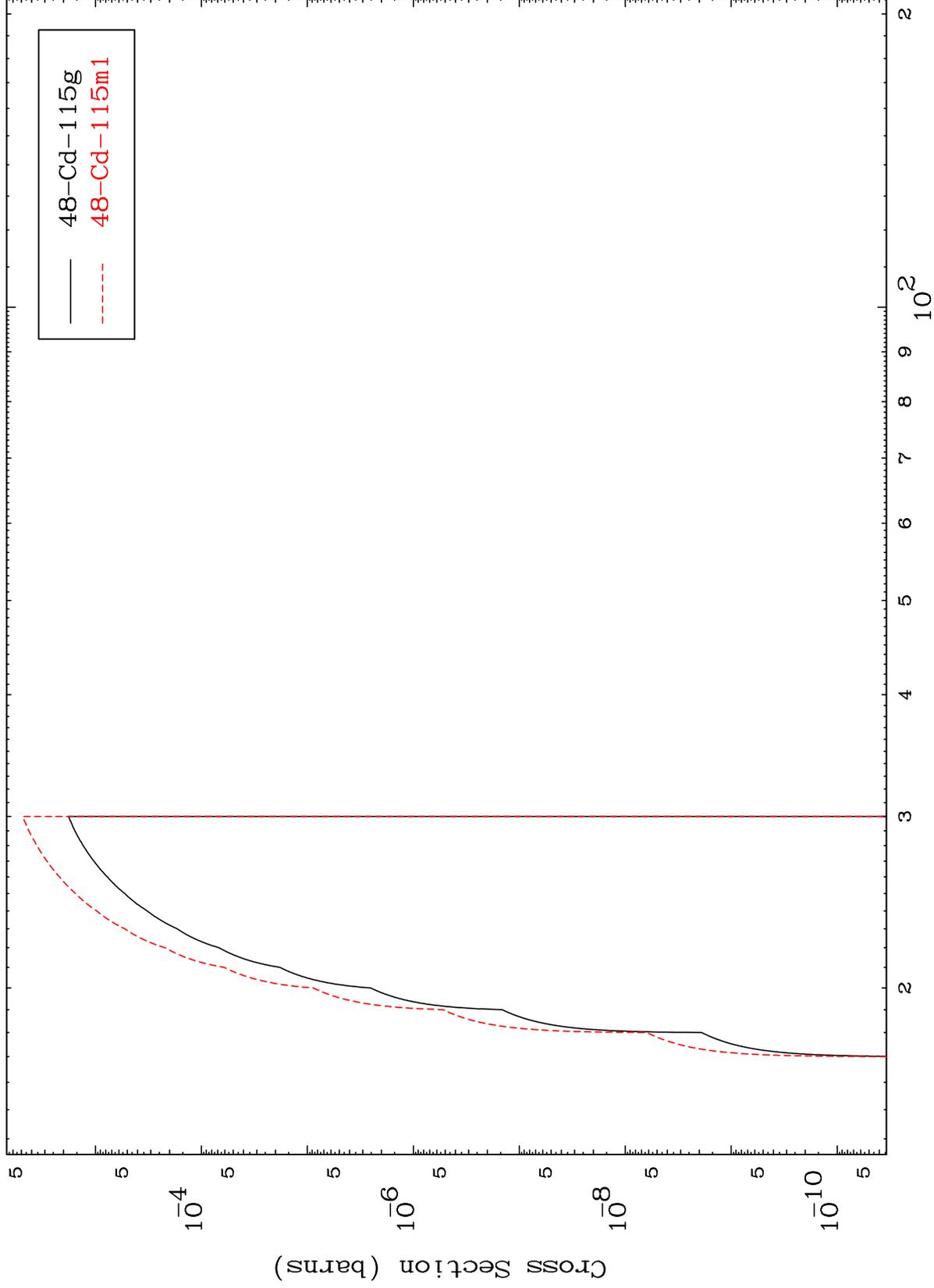
49-In-118n

MAT 4942

(n,n') t

49-In-118n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

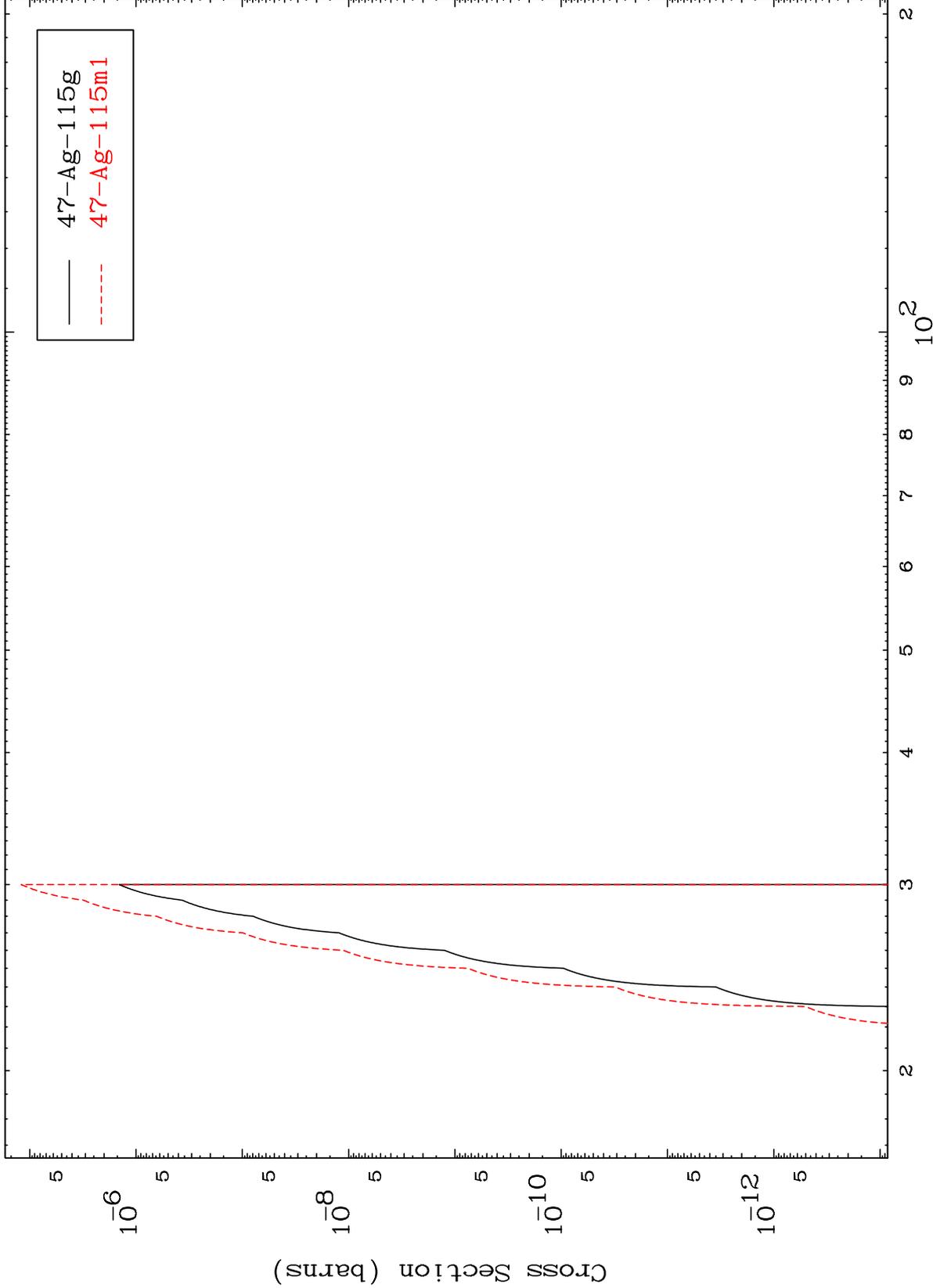
49-In-118n

MAT 4942

(n,n') He-3

49-In-118n

Radionuclide Production Cross Section



26

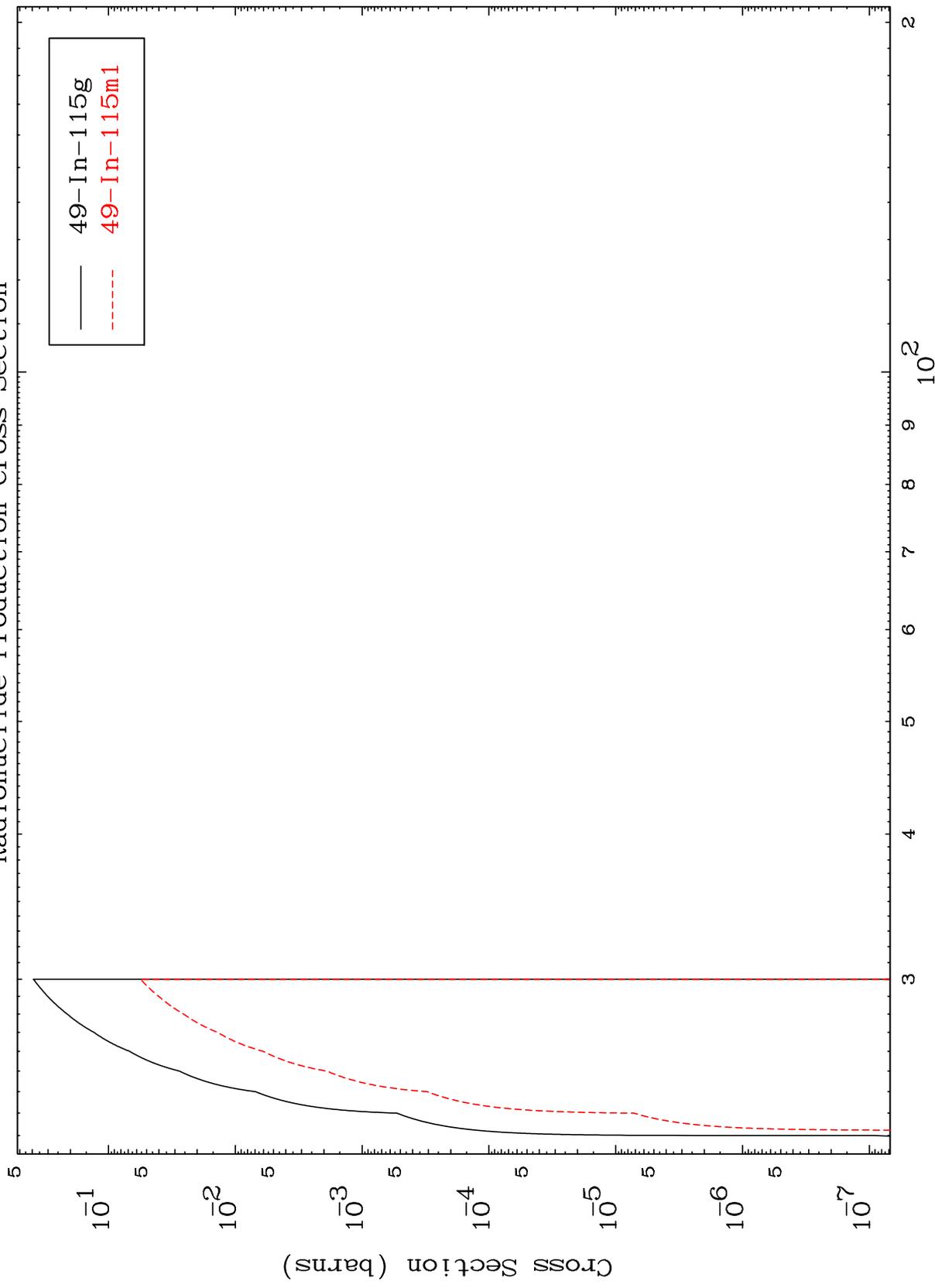
Incident Energy (MeV)

49-In-118n

MAT 4942

49-In-118n

(n,4n)  
Radionuclide Production Cross Section



27

49-In-118n

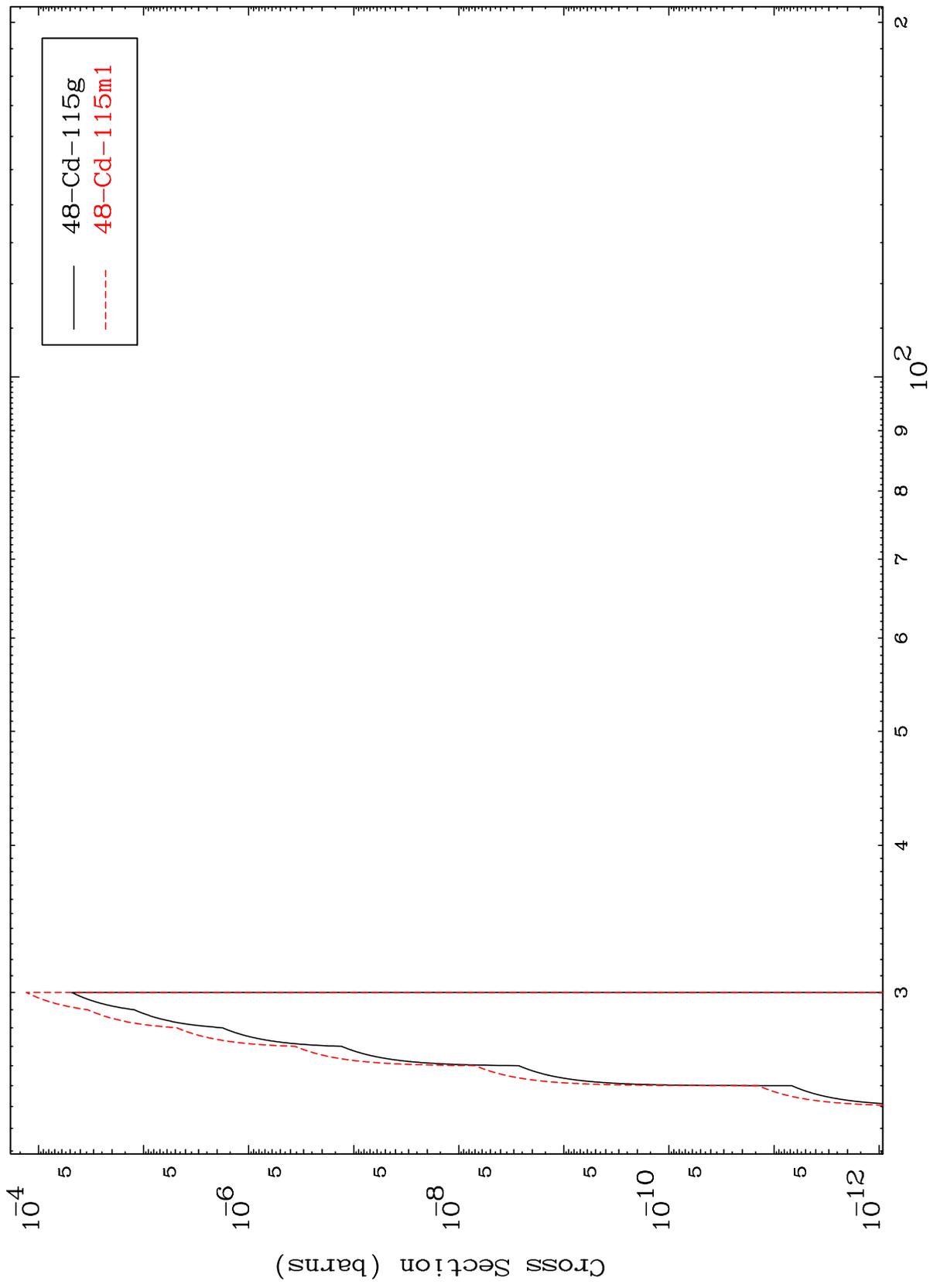
Incident Energy (MeV)

MAT 4942

(n,3n) p

49-In-118n

Radionuclide Production Cross Section



28

Incident Energy (MeV)

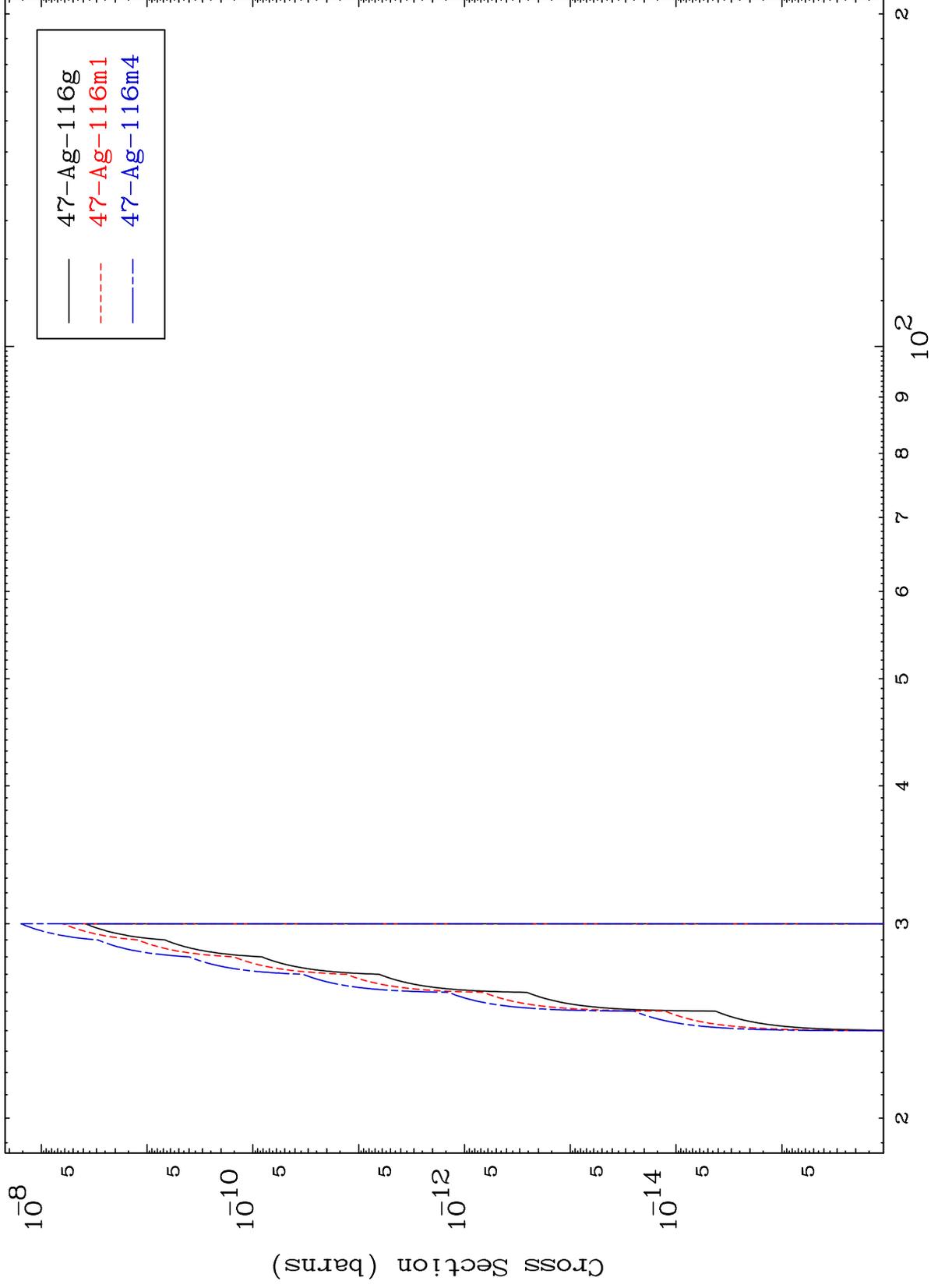
49-In-118n

MAT 4942

(n,2n) p

49-In-118n

Radionuclide Production Cross Section



29

Incident Energy (MeV)

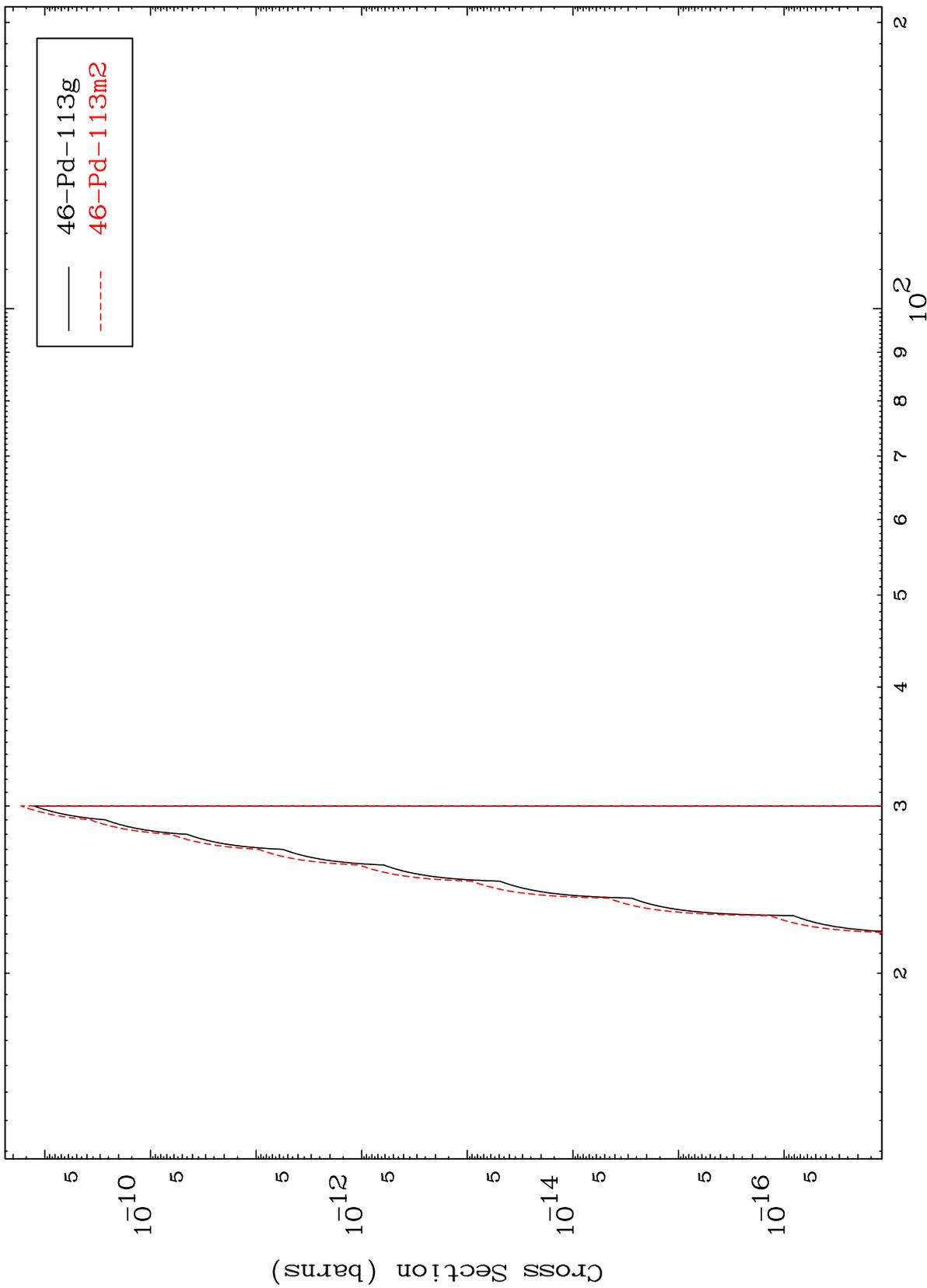
49-In-118n

MAT 4942

(n,n') p  $\alpha$

49-In-118n

Radionuclide Production Cross Section



30

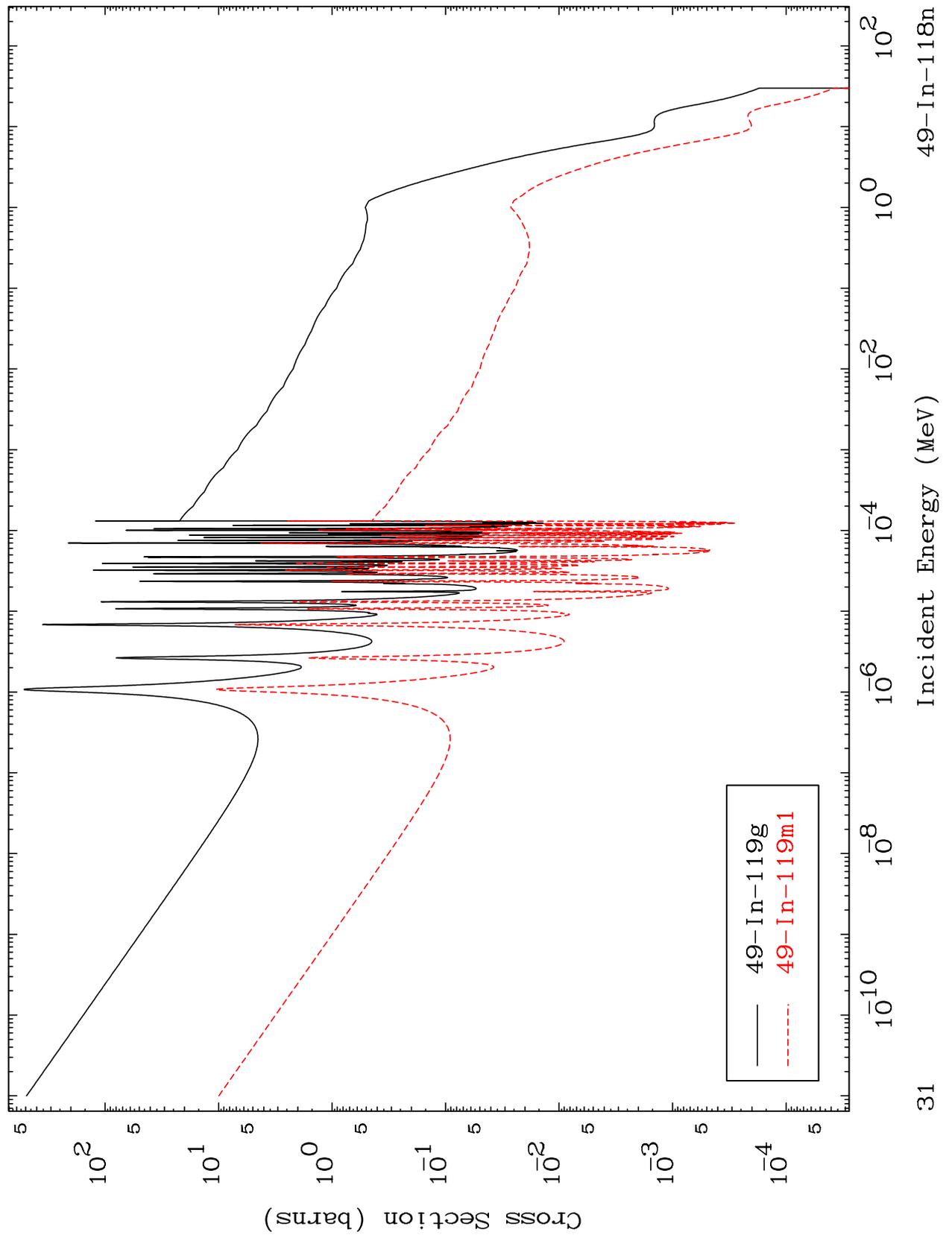
Incident Energy (MeV)

49-In-118n

MAT 4942

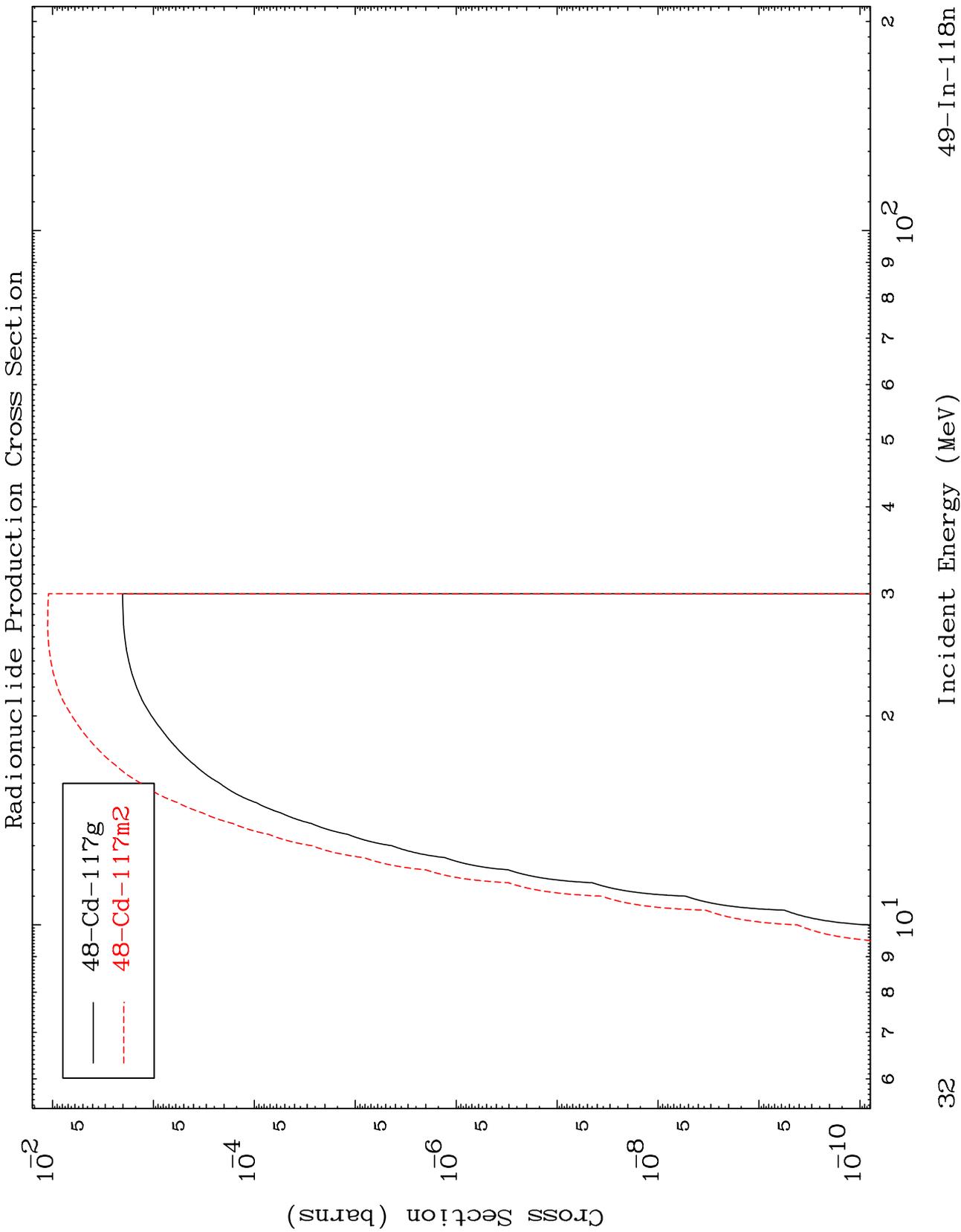
$^{49}\text{In-118n}$

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



MAT 4942

$^{49}\text{In-118n}$

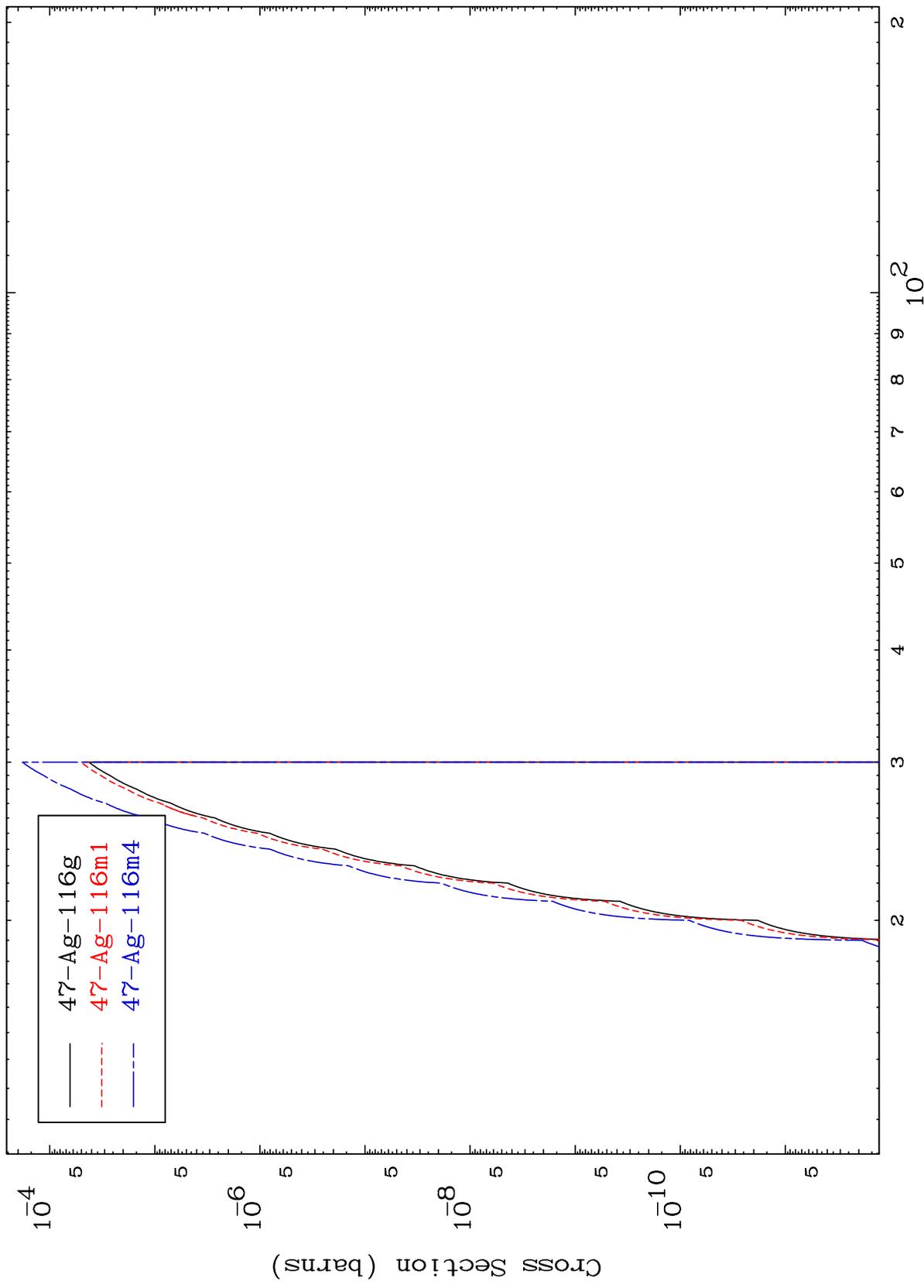


— 48-Cd-117g  
- - - 48-Cd-117m2

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49-In-118n

Radionuclide Production Cross Section  
(n,He-3)



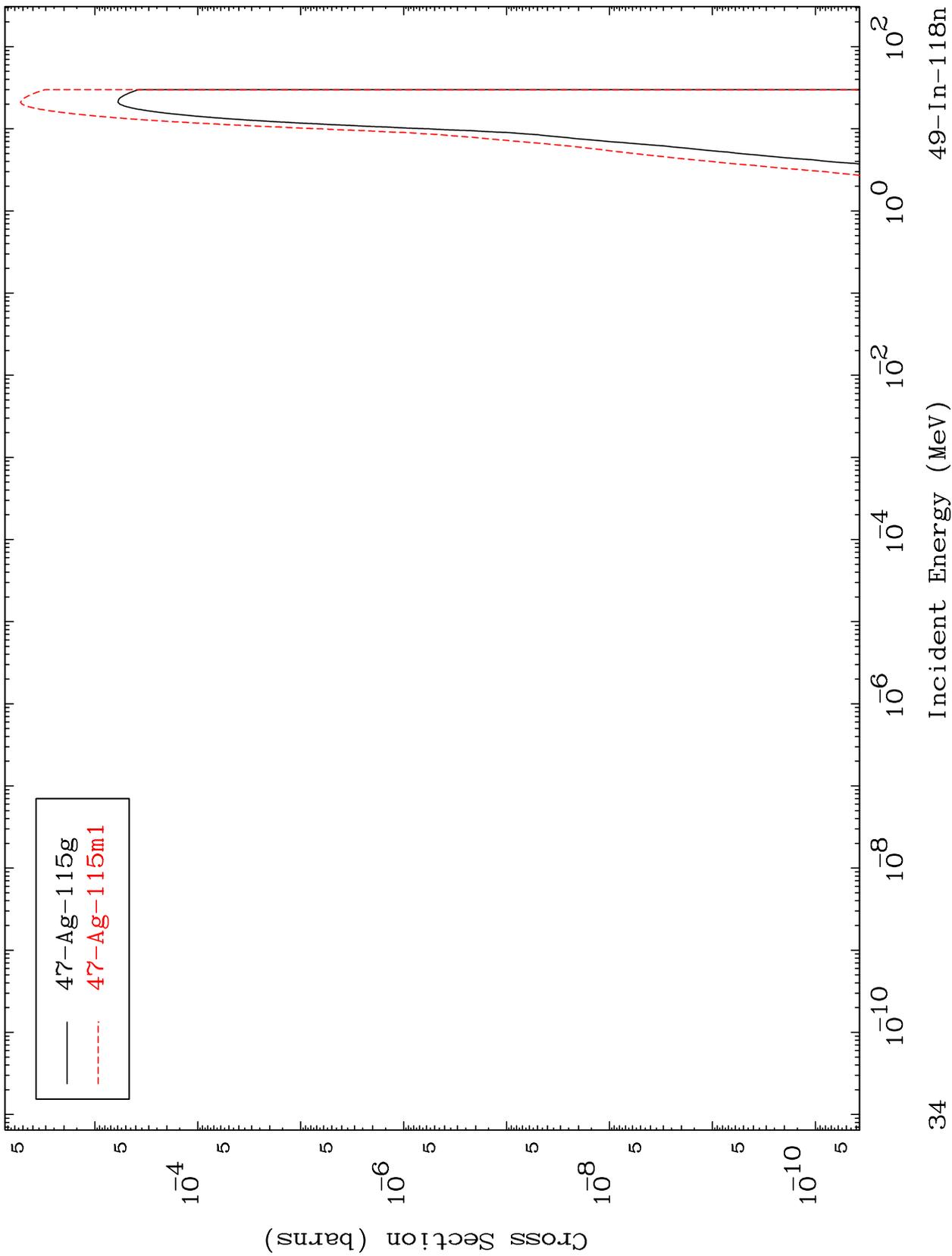
49-In-118n

Incident Energy (MeV)

MAT 4942

49-In-118n

Radionuclide Production Cross Section

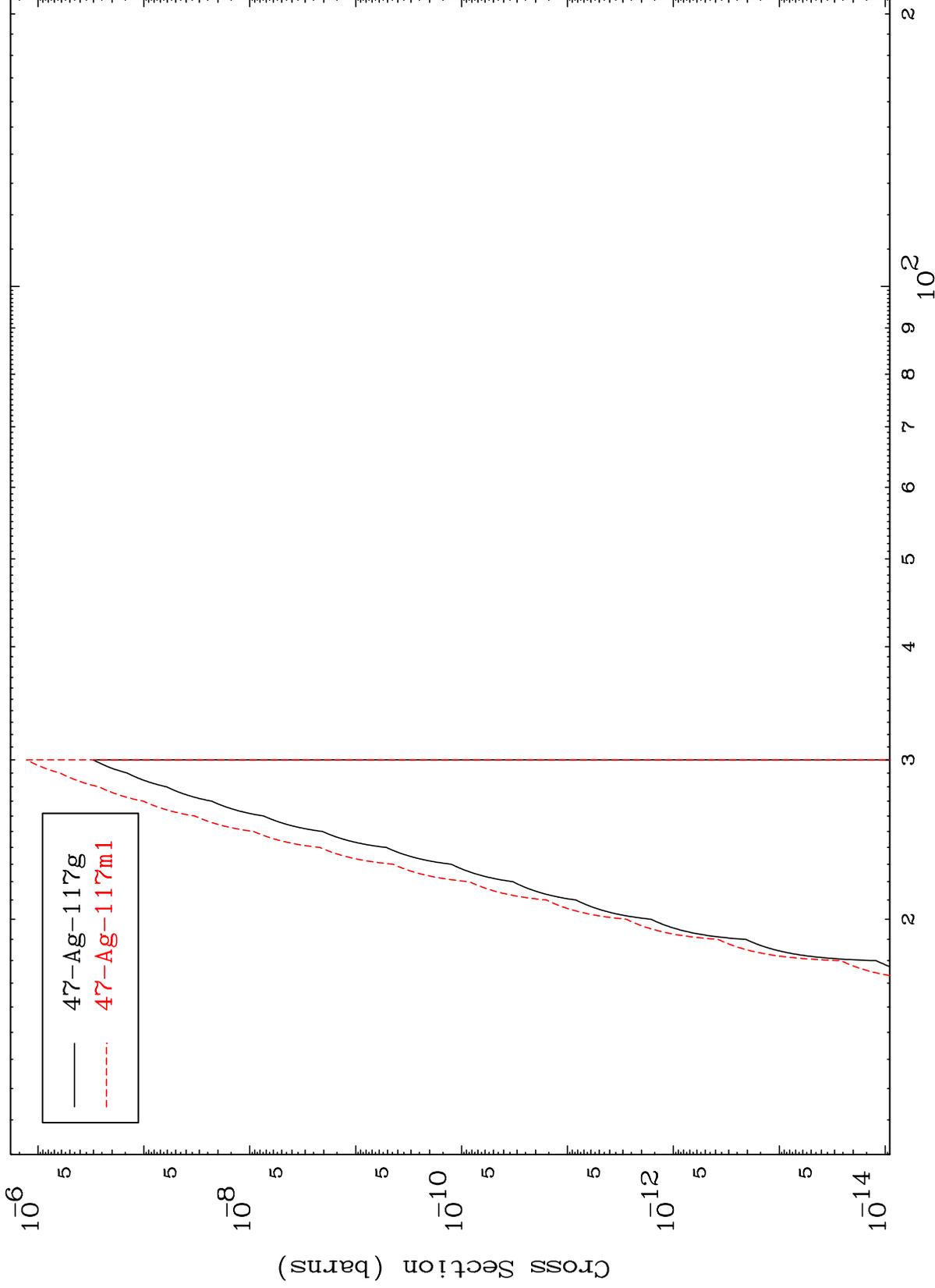


MAT 4942

(n,2p)

49-In-118n

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-118n

35