

Program EVALPLOT  
(Version 2021-1)

by

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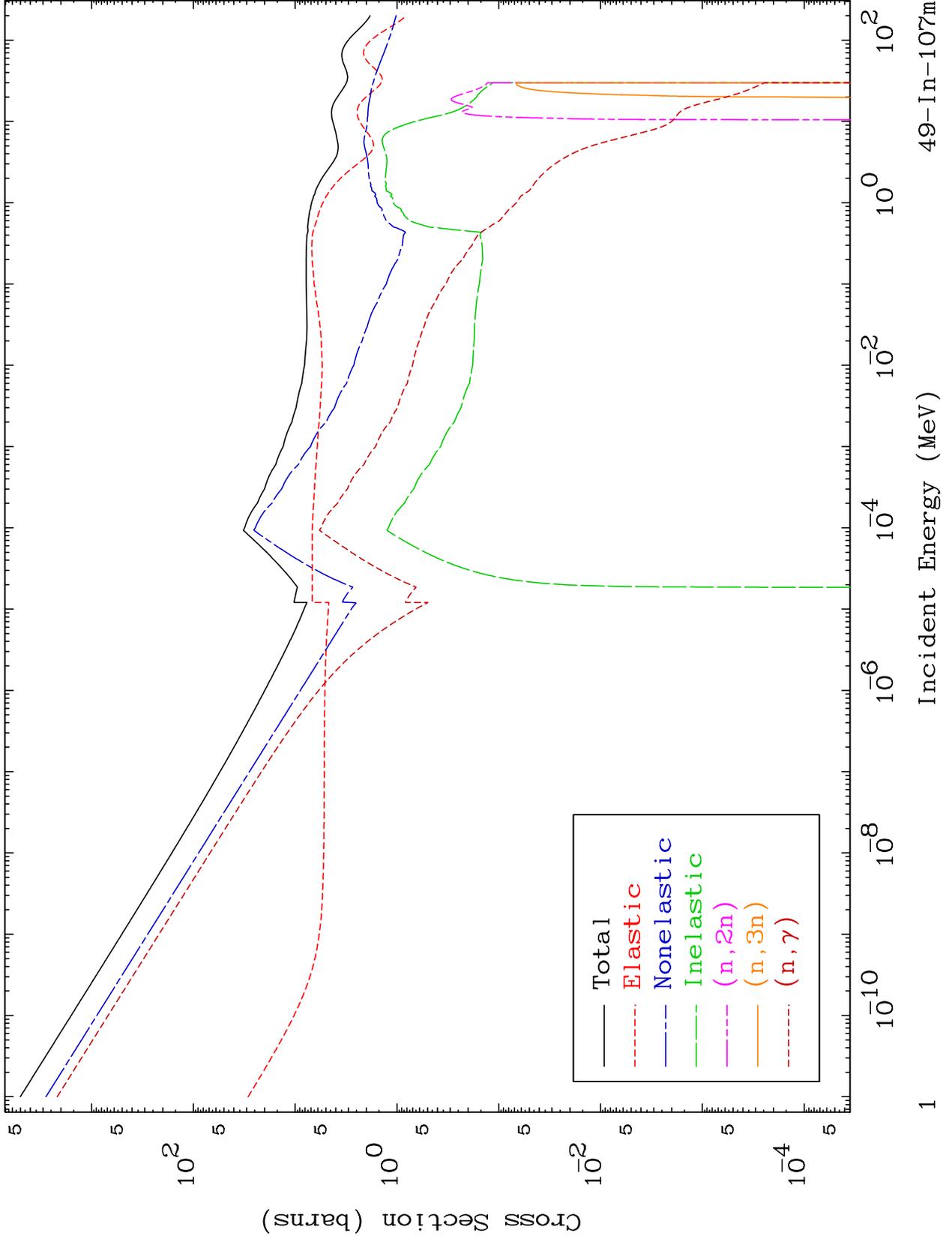
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Press Mouse Button to Start

MAT 4908

Neutron Major  
293 Kelvin Cross Sections

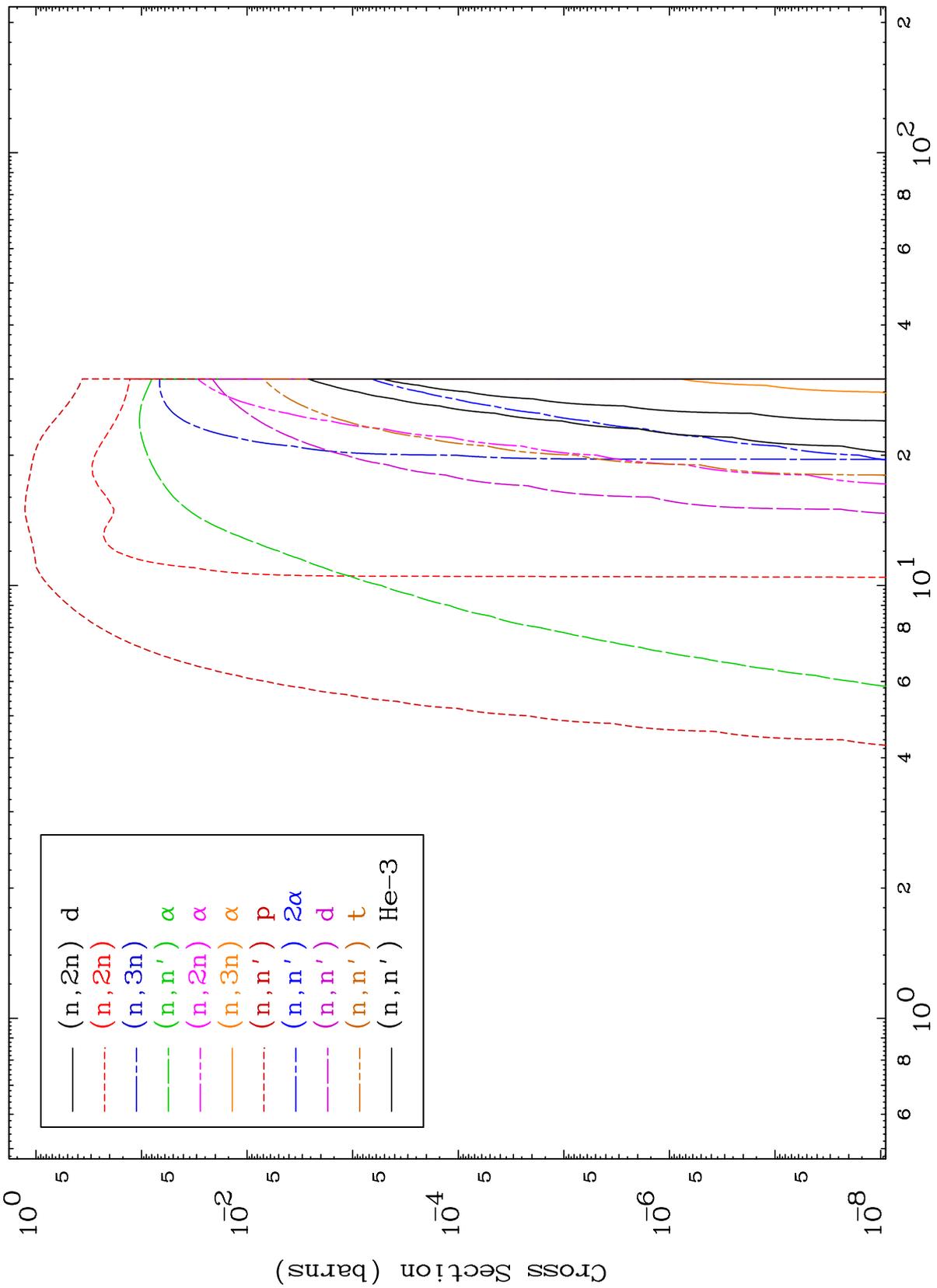
49-In-107m



MAT 4908

Neutron Absorption  
293 Kelvin Cross Sections

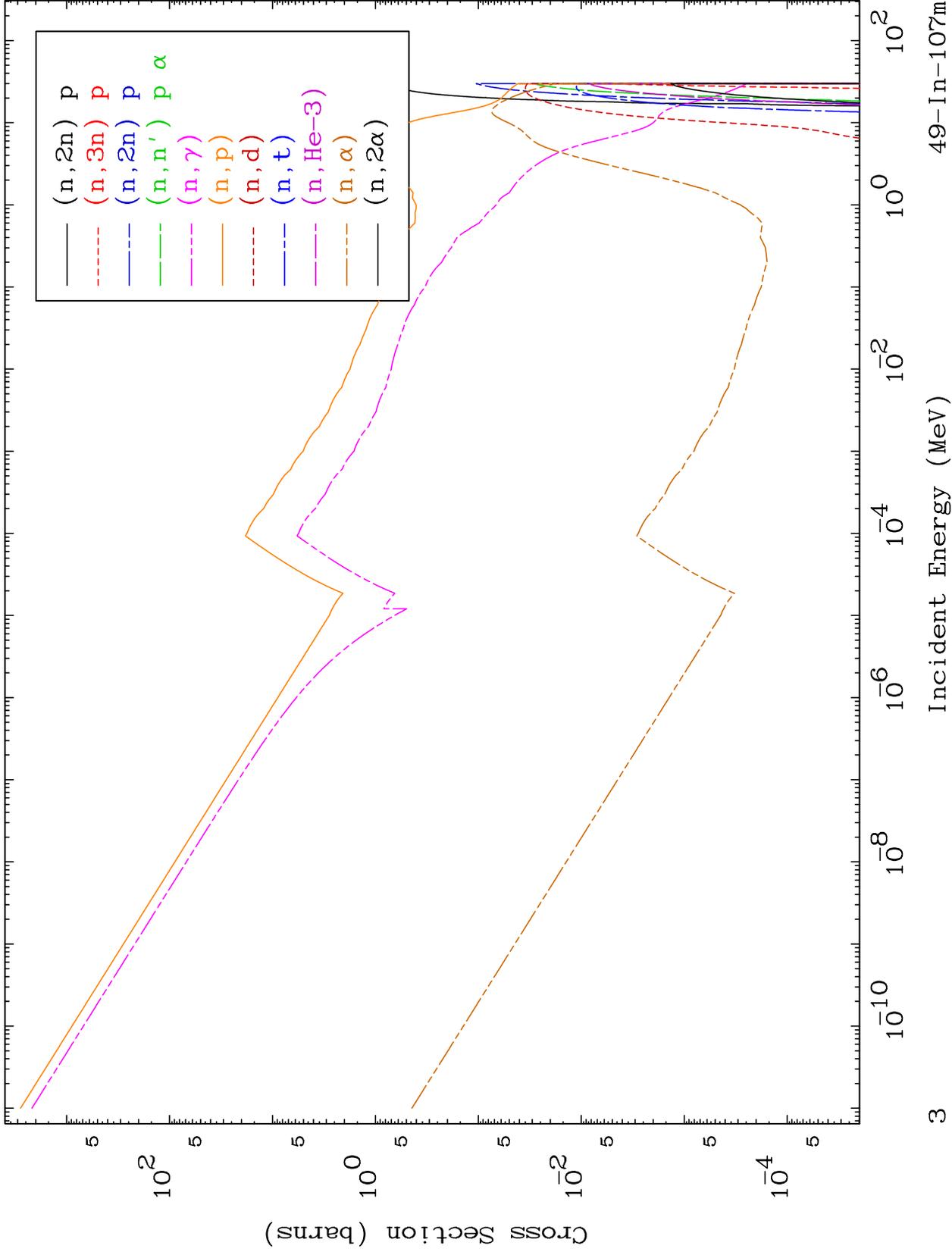
49-In-107m



MAT 4908

Neutron Absorption  
293 Kelvin Cross Sections

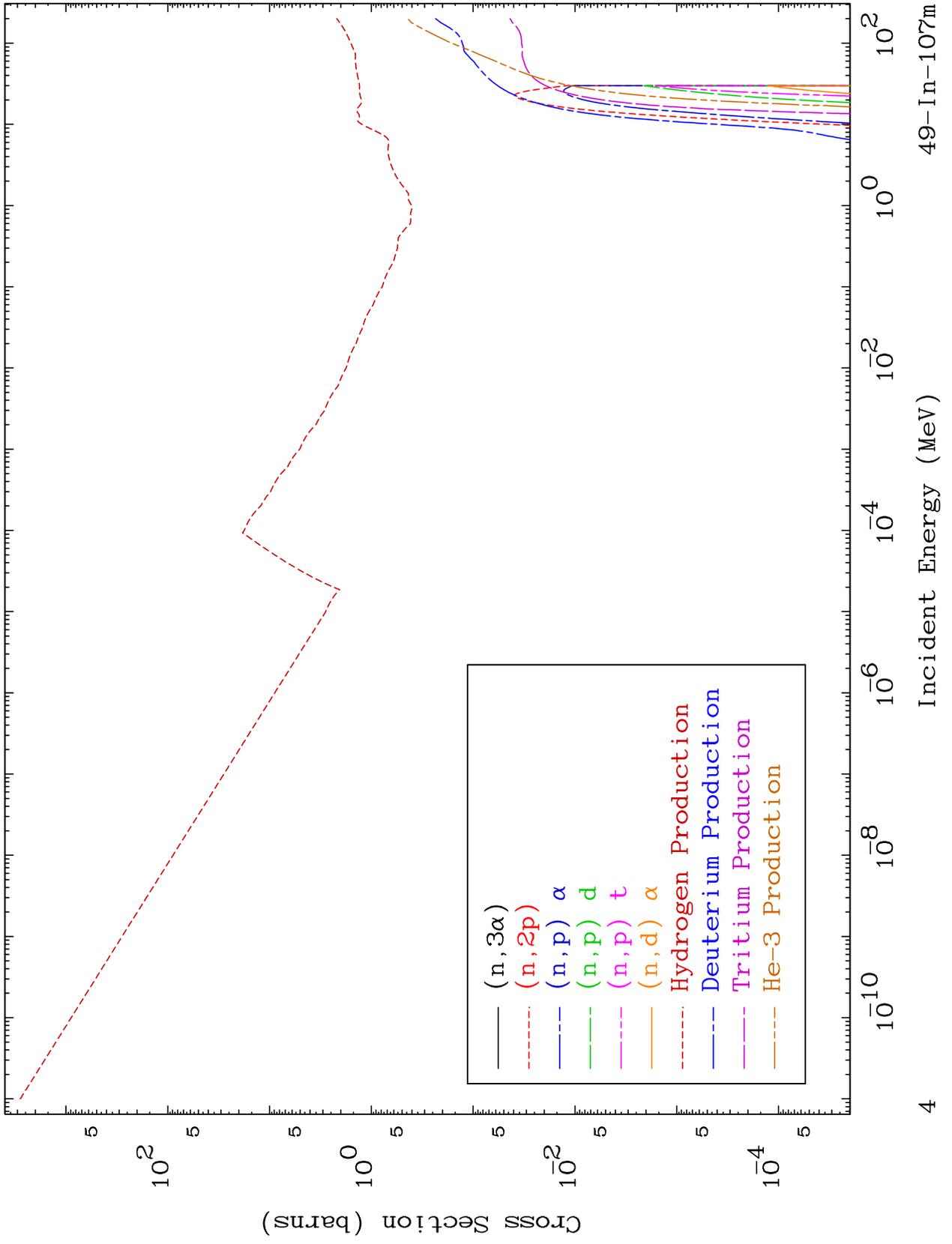
49-In-107m



MAT 4908

Neutron Absorption  
293 Kelvin Cross Sections

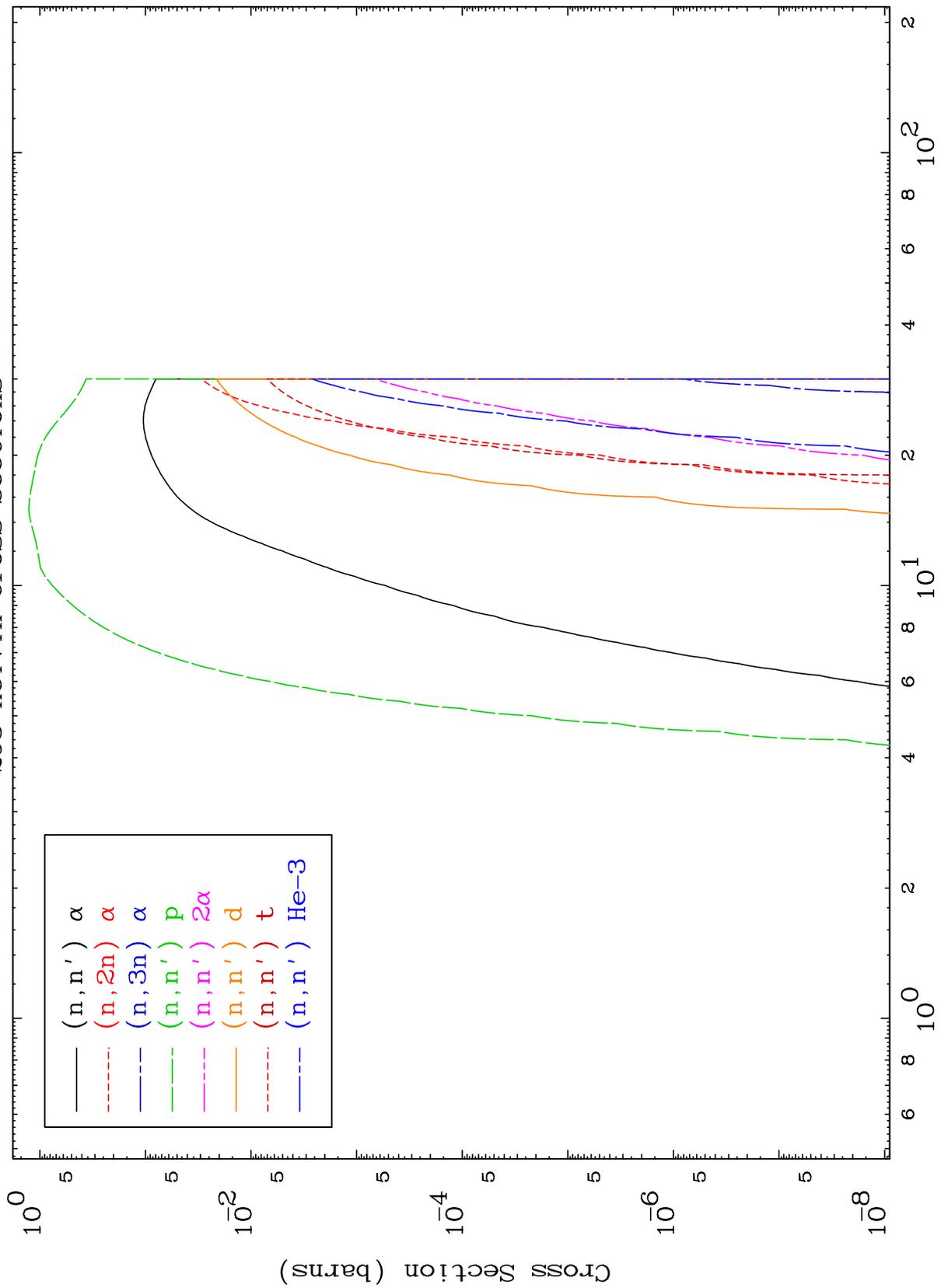
49-In-107m



MAT 4908

Charged Particle  
293 Kelvin Cross Sections

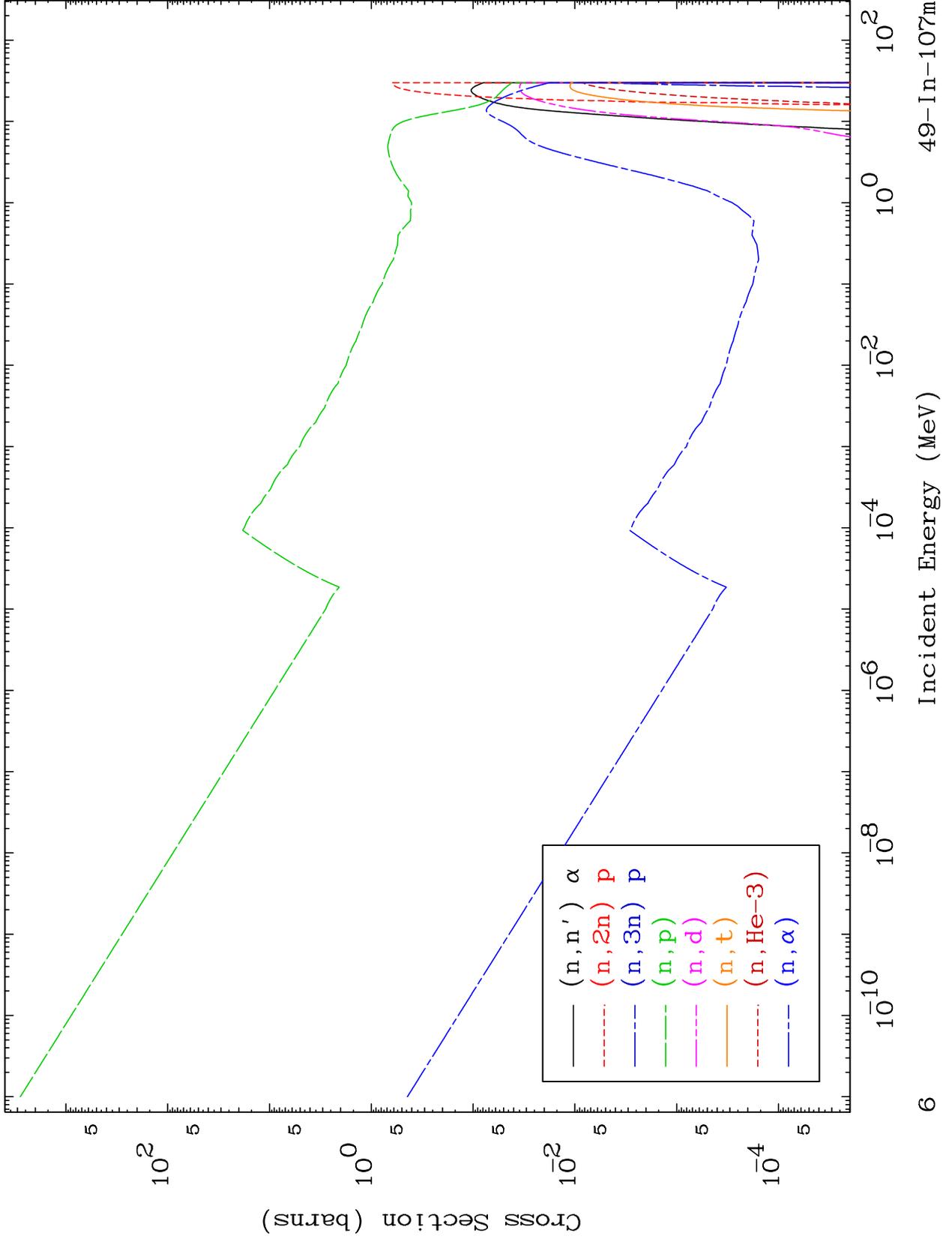
49-In-107m



MAT 4908

Charged Particle  
293 Kelvin Cross Sections

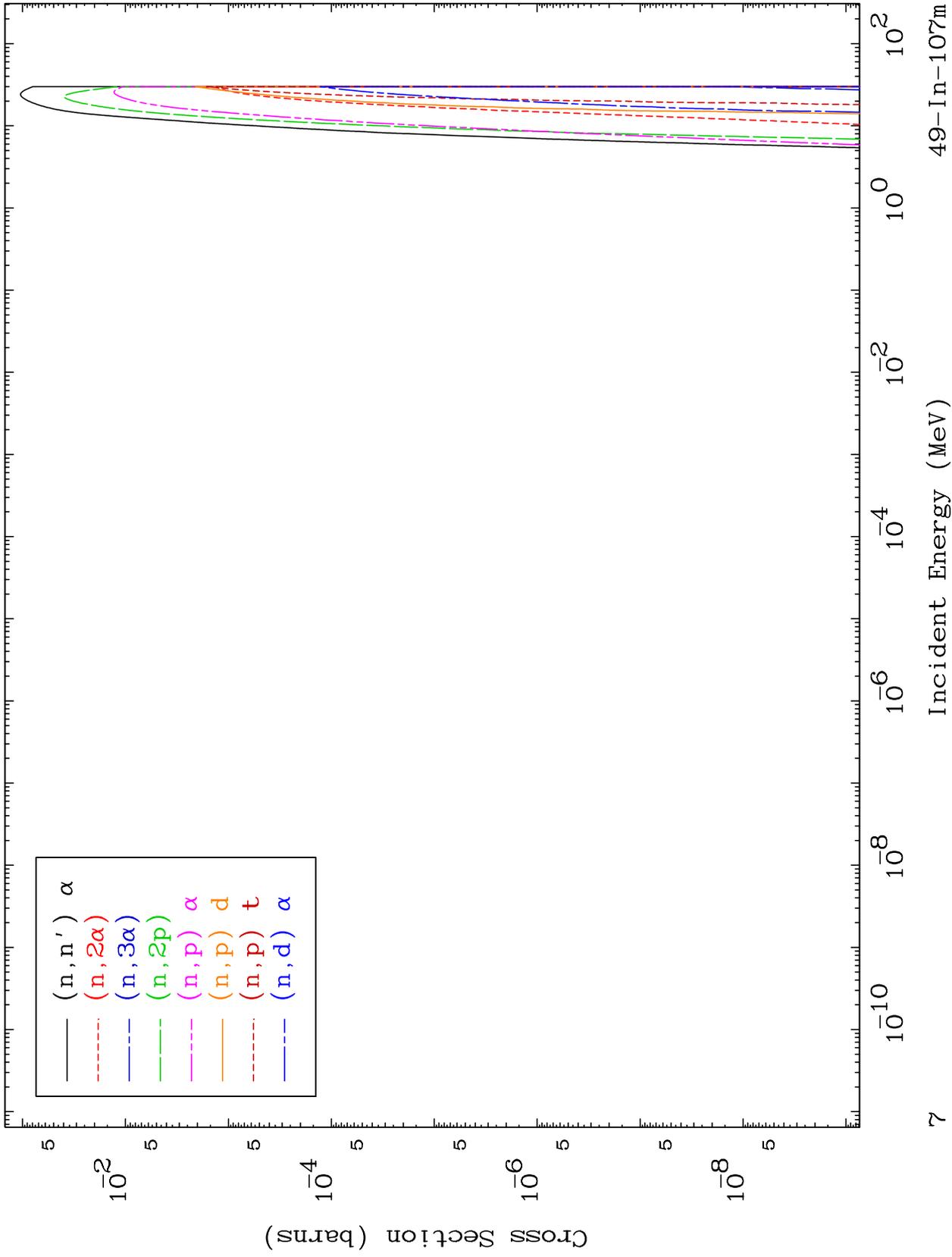
49-In-107m



MAT 4908

Charged Particle  
293 Kelvin Cross Sections

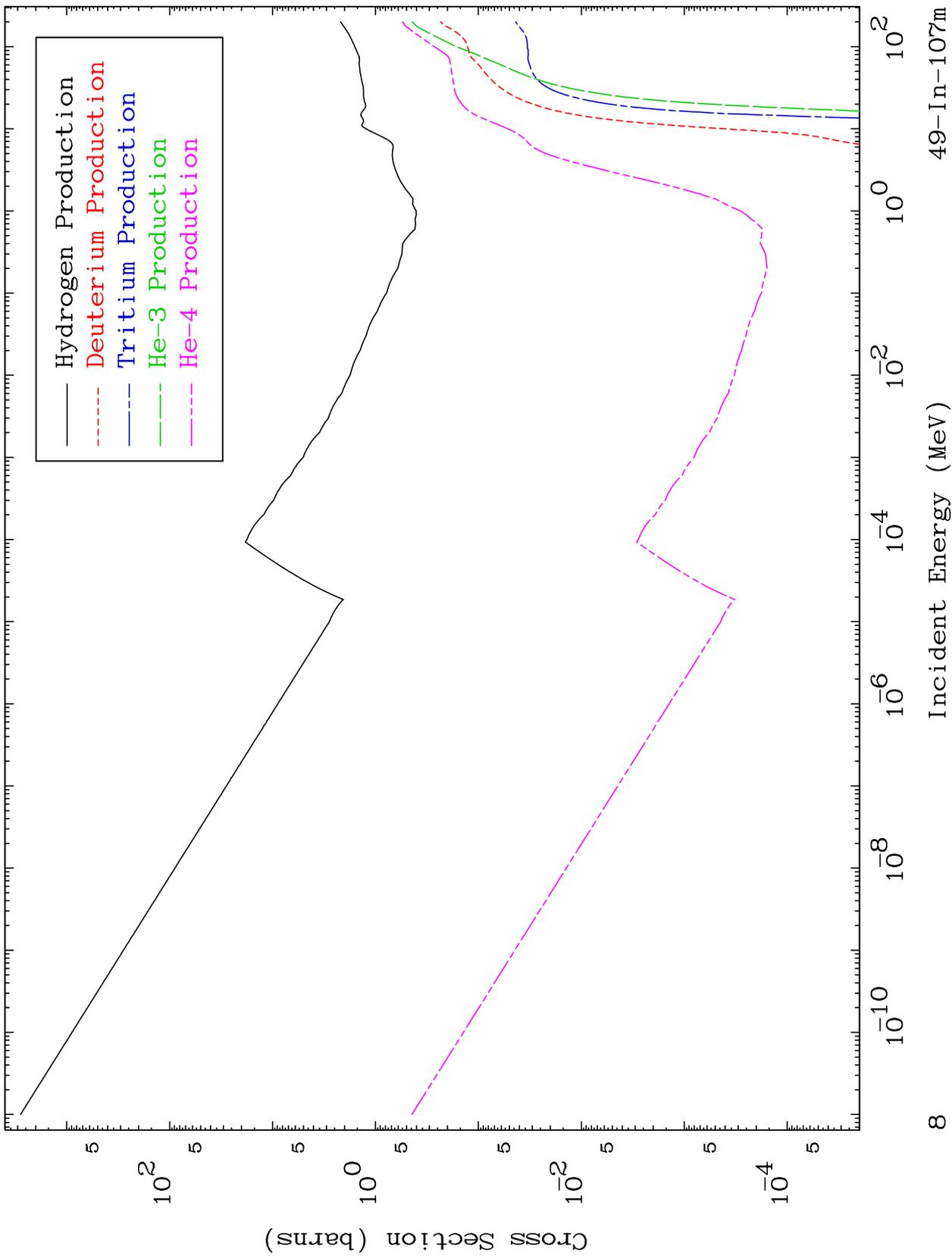
49-In-107m



MAT 4908

Particle Production  
293 Kelvin Cross Sections

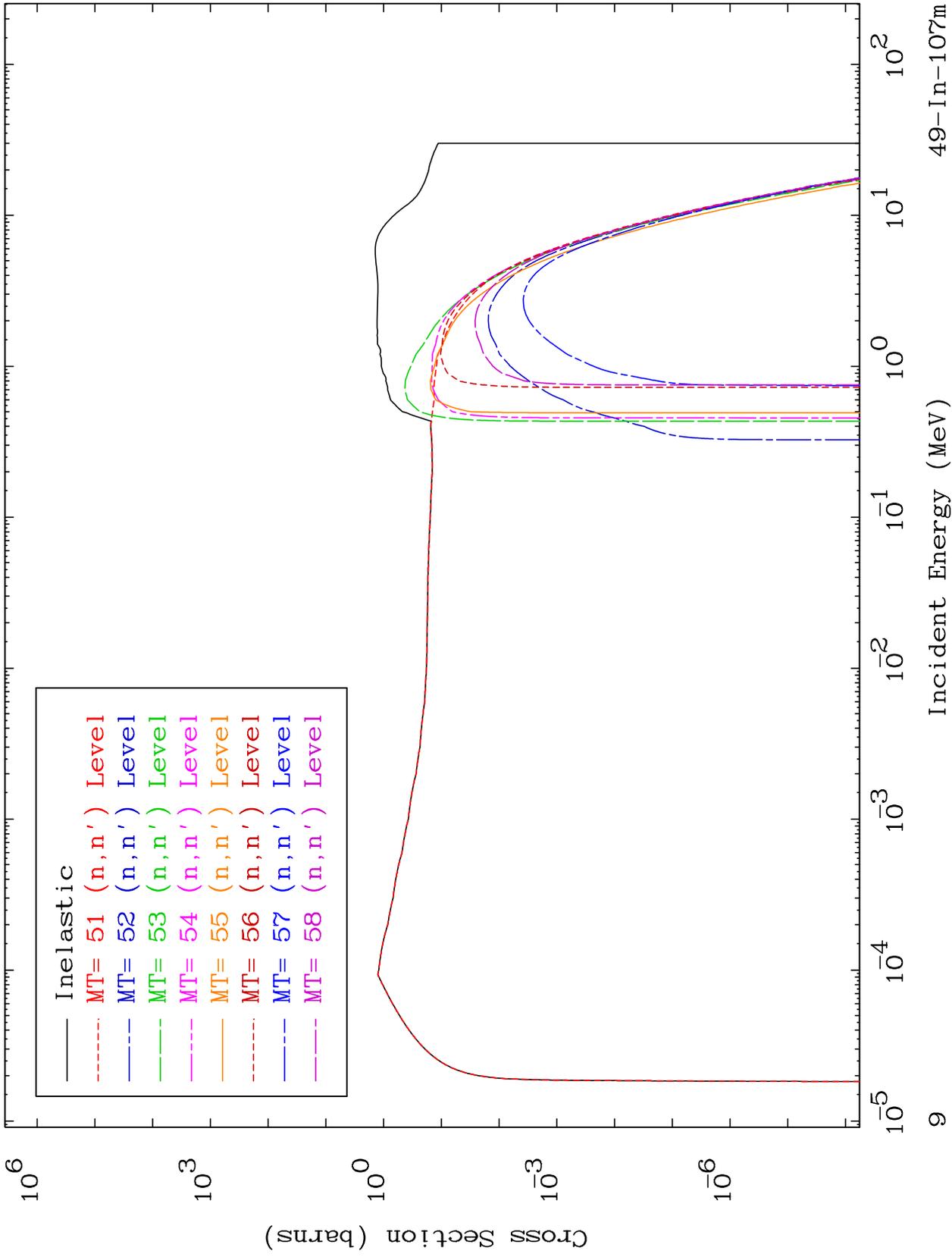
49-In-107m



MAT 4908

(n,n') Levels  
293 Kelvin Cross Sections

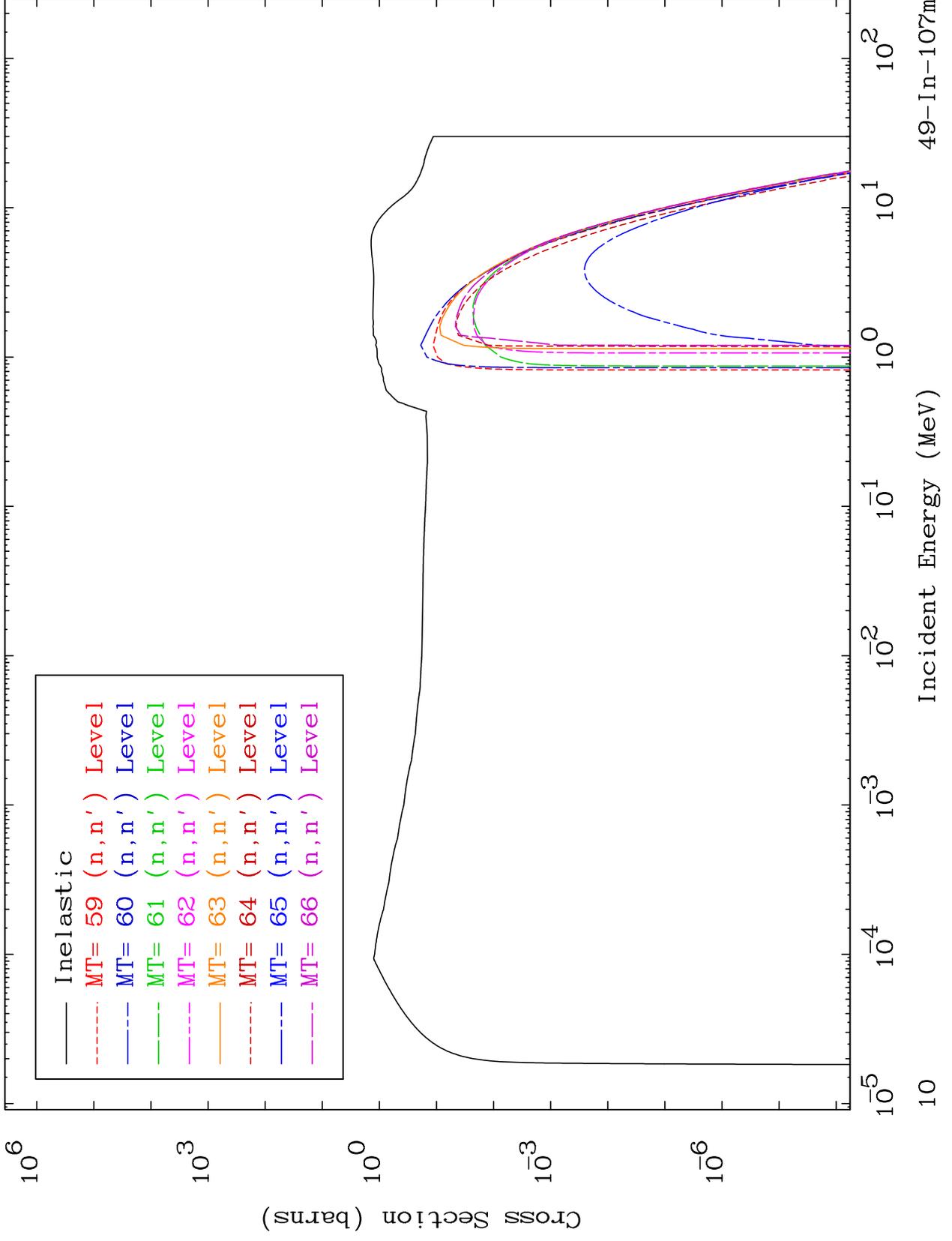
49-In-107m



MAT 4908

(n,n') Levels  
293 Kelvin Cross Sections

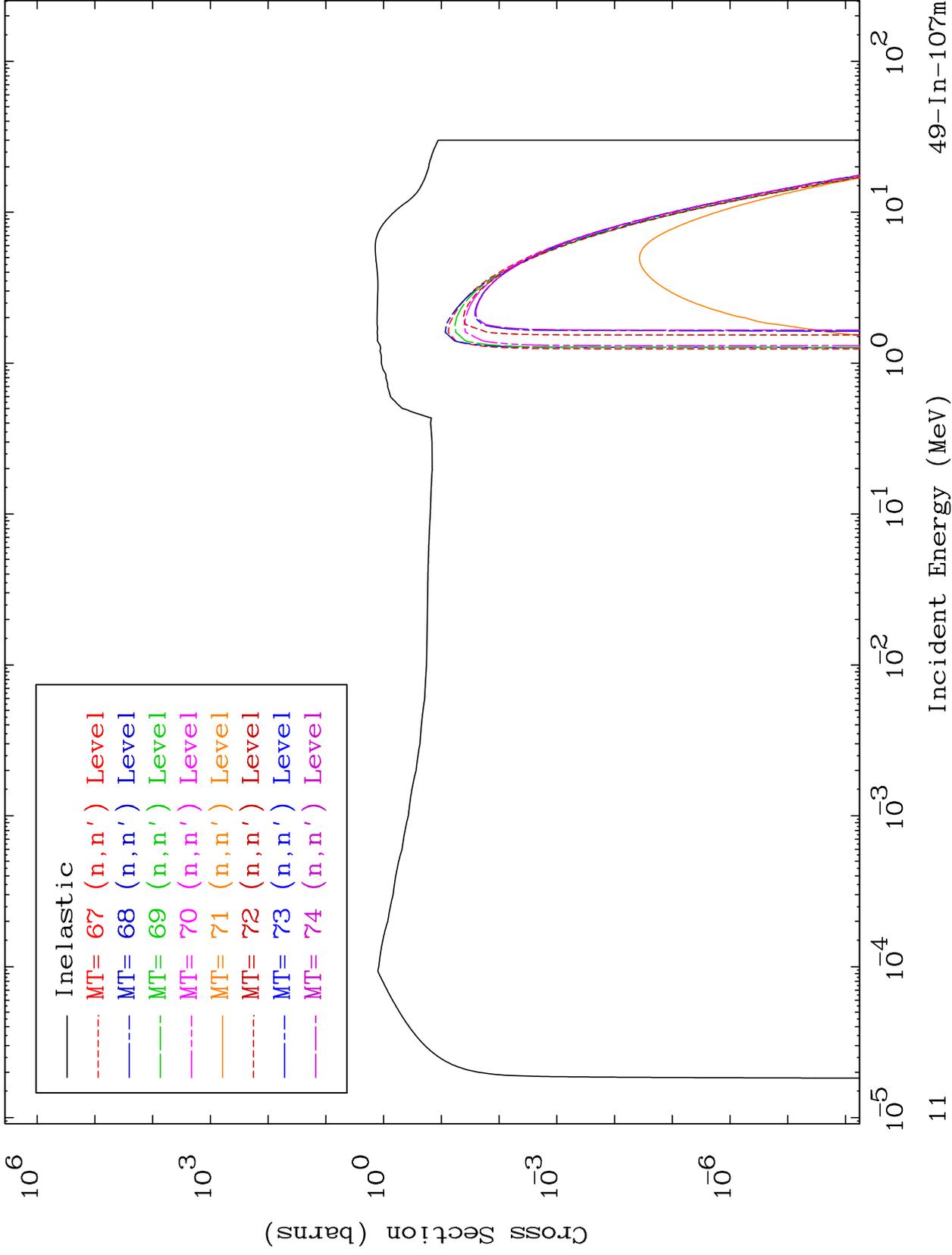
49-In-107m



MAT 4908

(n,n') Levels  
293 Kelvin Cross Sections

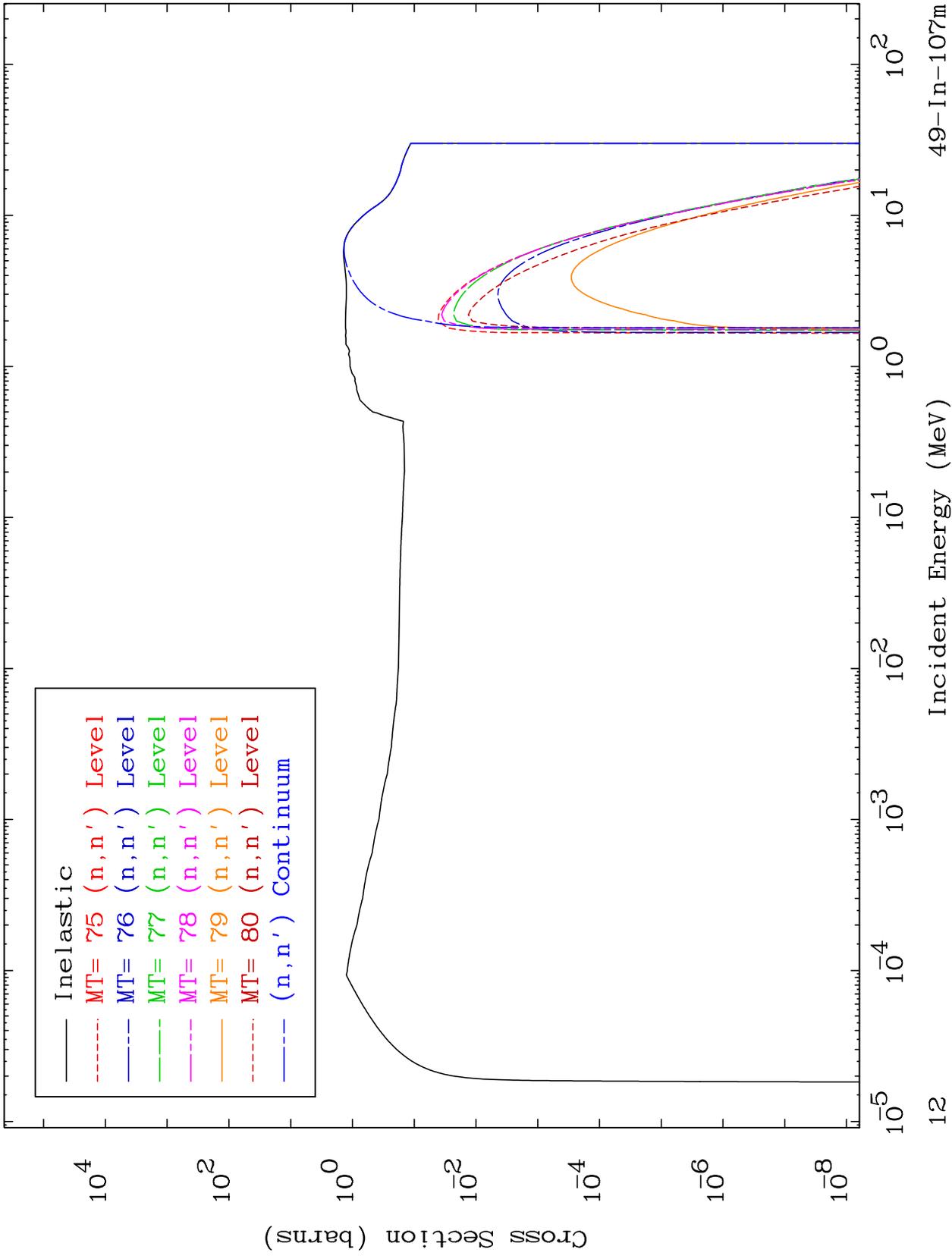
49-In-107m



MAT 4908

(n,n') Levels  
293 Kelvin Cross Sections

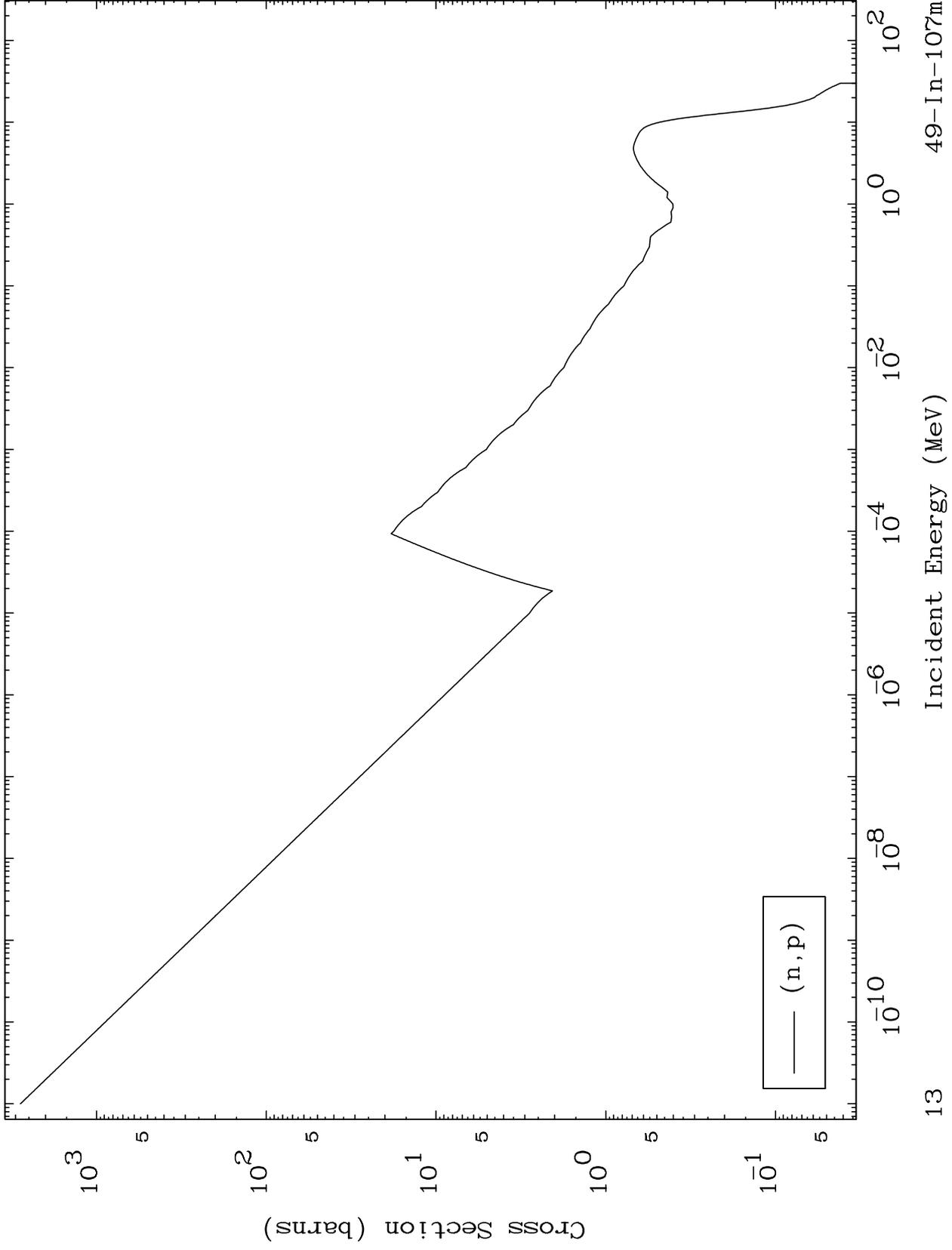
49-In-107m



MAT 4908

(n,p) Levels  
293 Kelvin Cross Sections

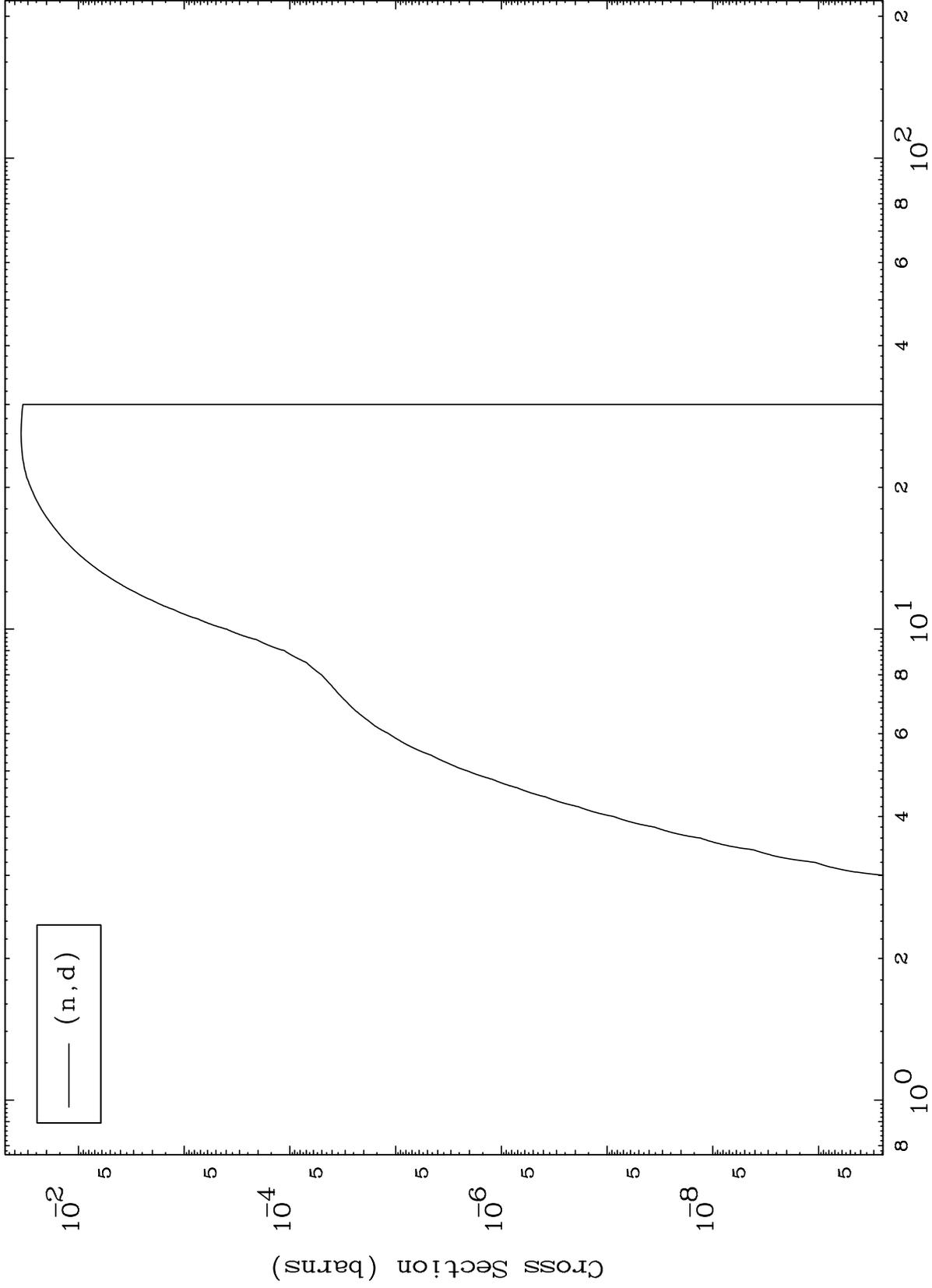
49-In-107m



MAT 4908

(n,d) Levels  
293 Kelvin Cross Sections

49-In-107m



14

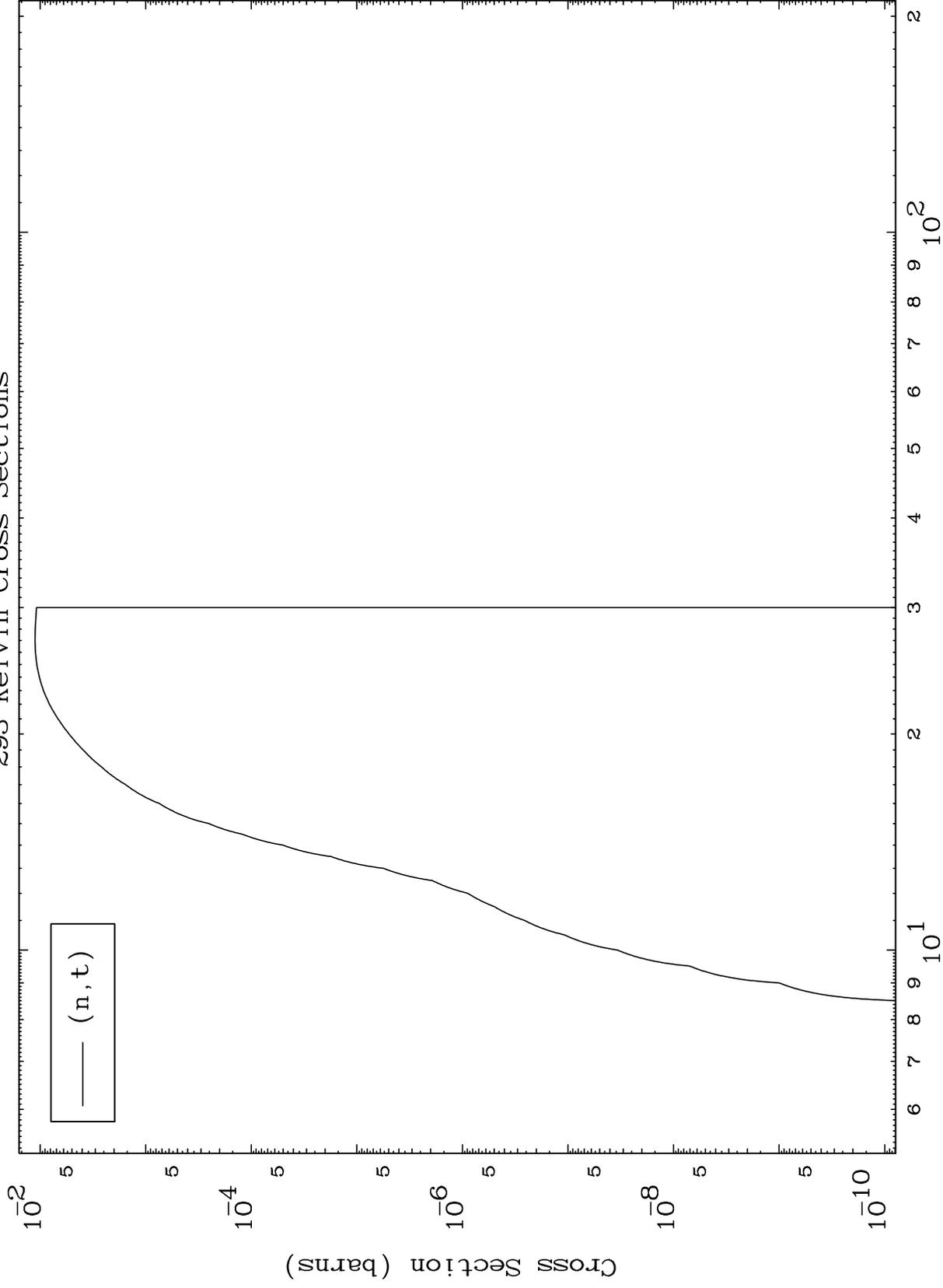
Incident Energy (MeV)

49-In-107m

MAT 4908

(n,t) Levels  
293 Kelvin Cross Sections

49-In-107m



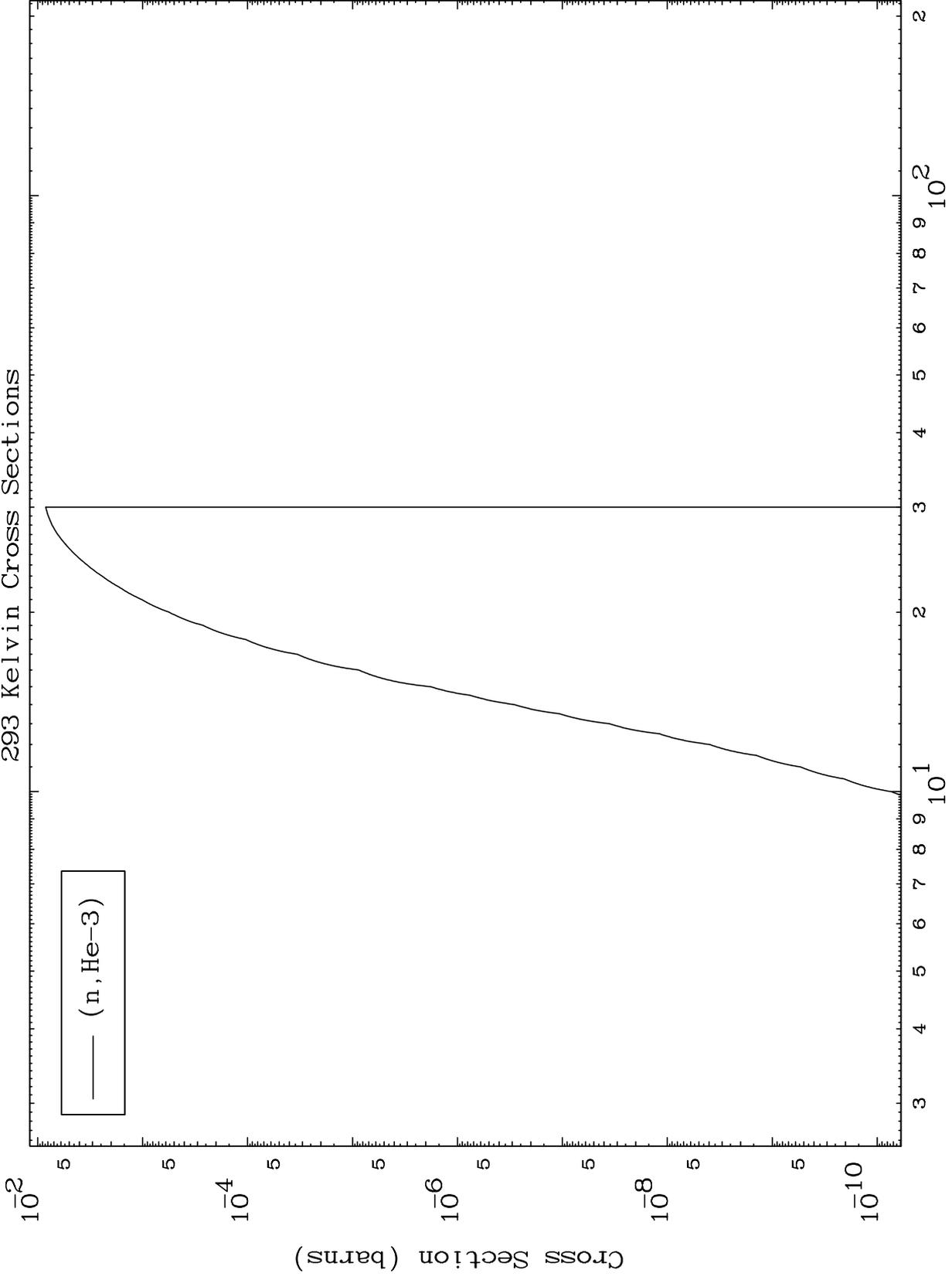
15

49-In-107m

MAT 4908

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-107m



16

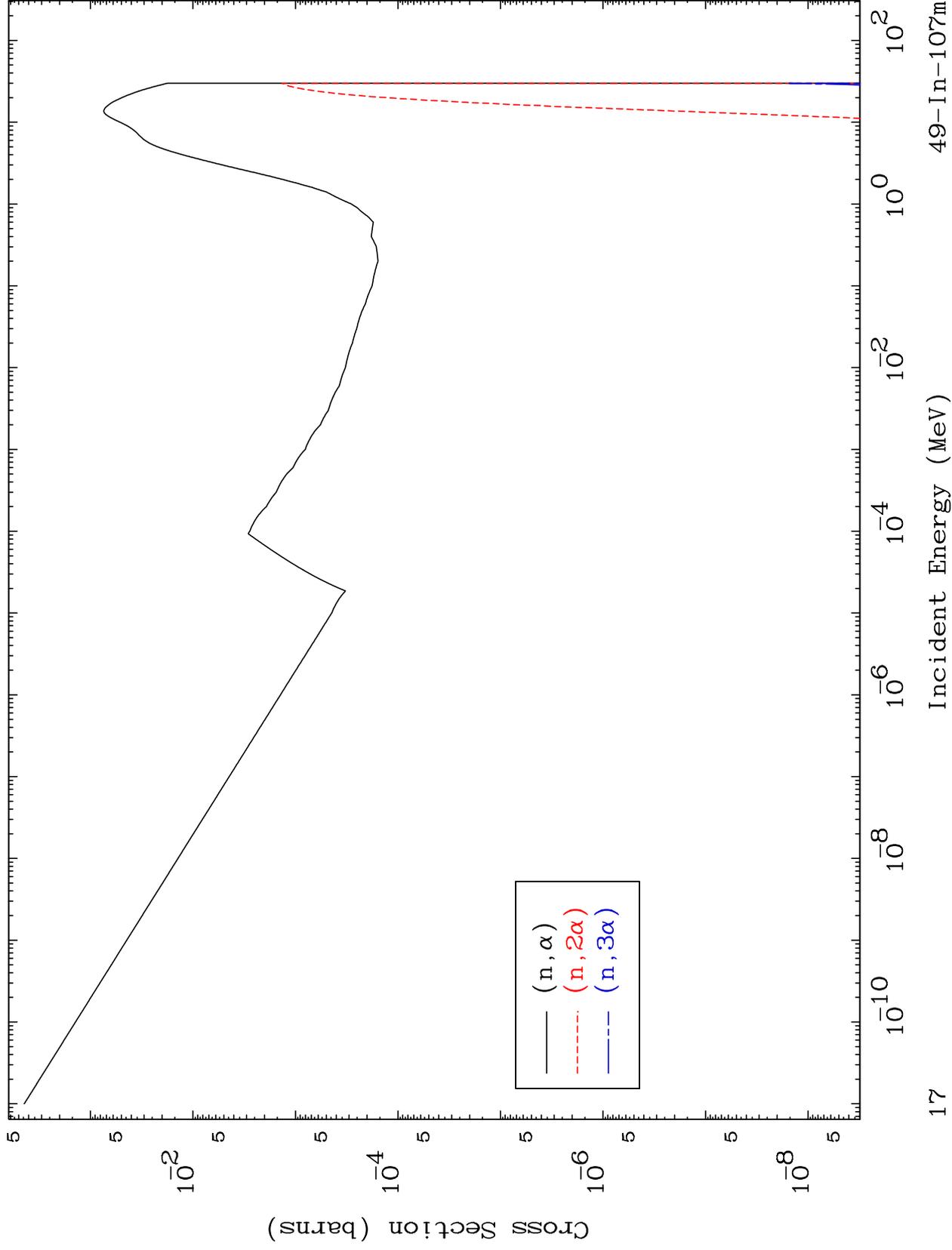
Incident Energy (MeV)

49-In-107m

MAT 4908

(n,α) Levels  
293 Kelvin Cross Sections

49-In-107m

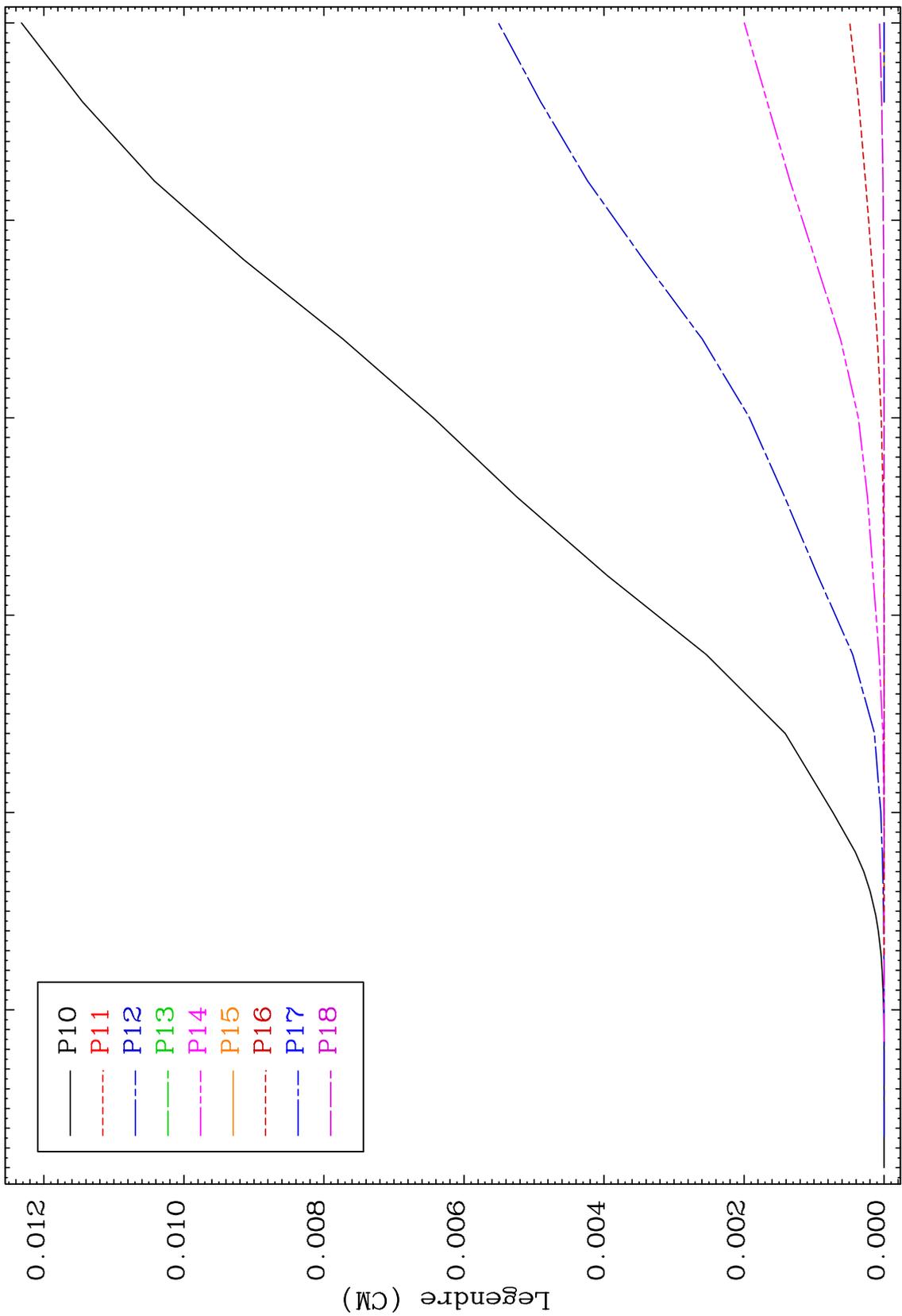




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Elastic Legendre Coefficients

49-In-107m



19

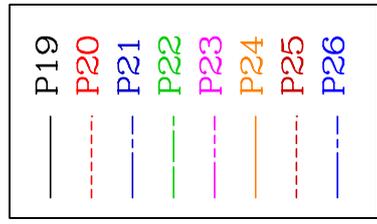
49-In-107m

Incident Energy (MeV)

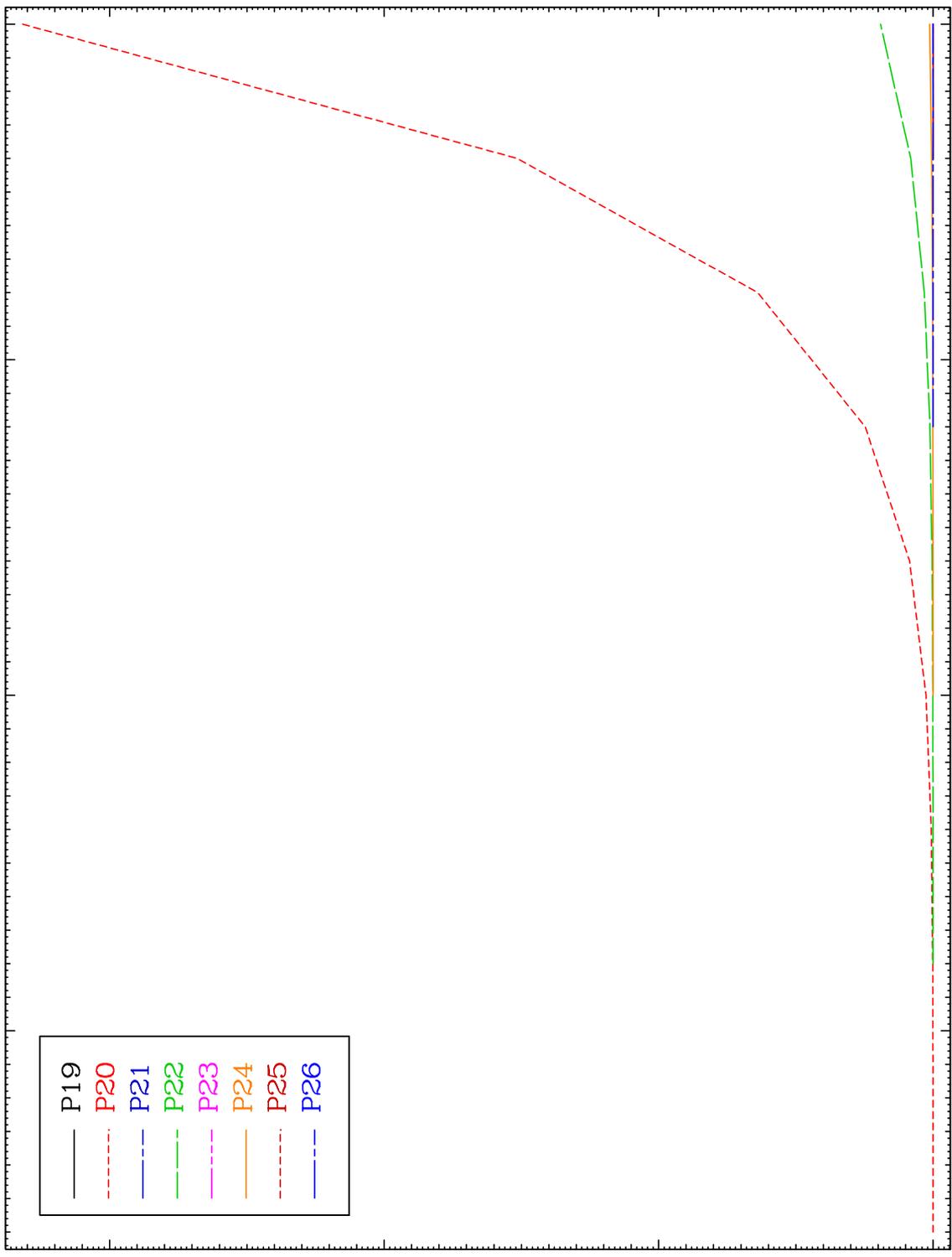
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Elastic  
Legendre Coefficients

49-In-107m



Legendre (CM)  
 $\times 10^{-6}$



20

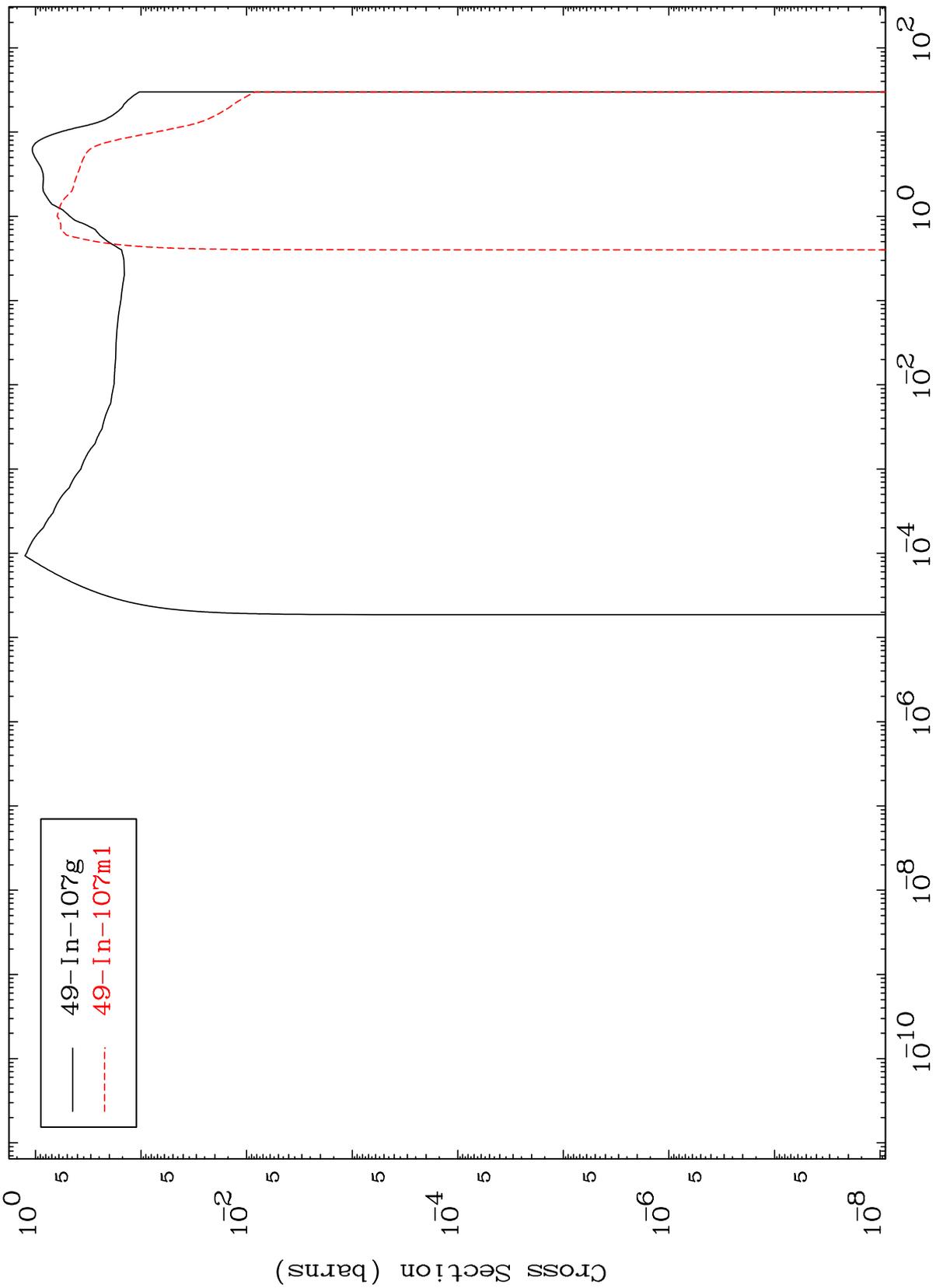
Incident Energy (MeV)

49-In-107m

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49-In-107m

Inelastic  
Radionuclide Production Cross Section

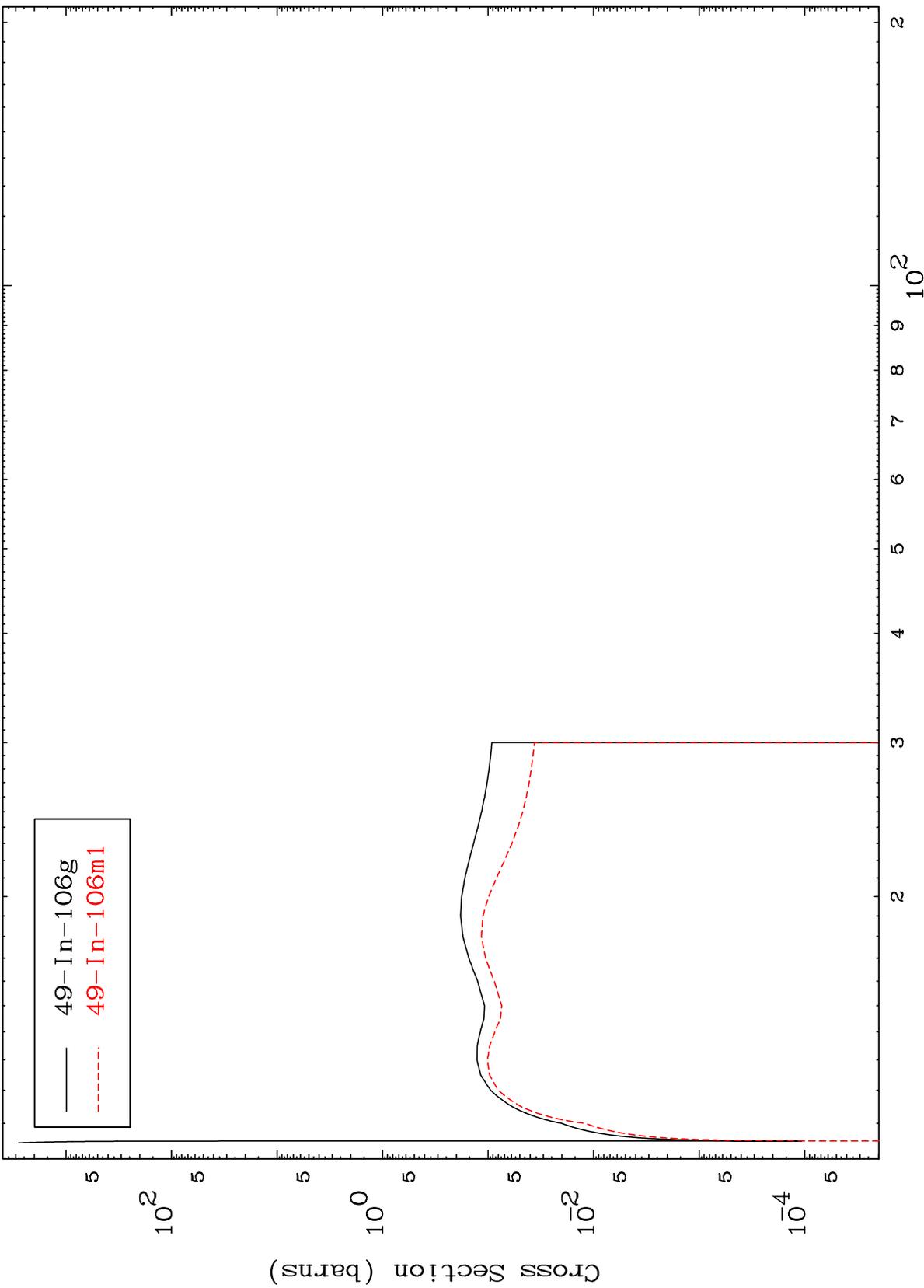


— 49-In-107g  
- - - 49-In-107m1

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49-In-107m

Radionuclide Production Cross Section



49-In-107m

Incident Energy (MeV)

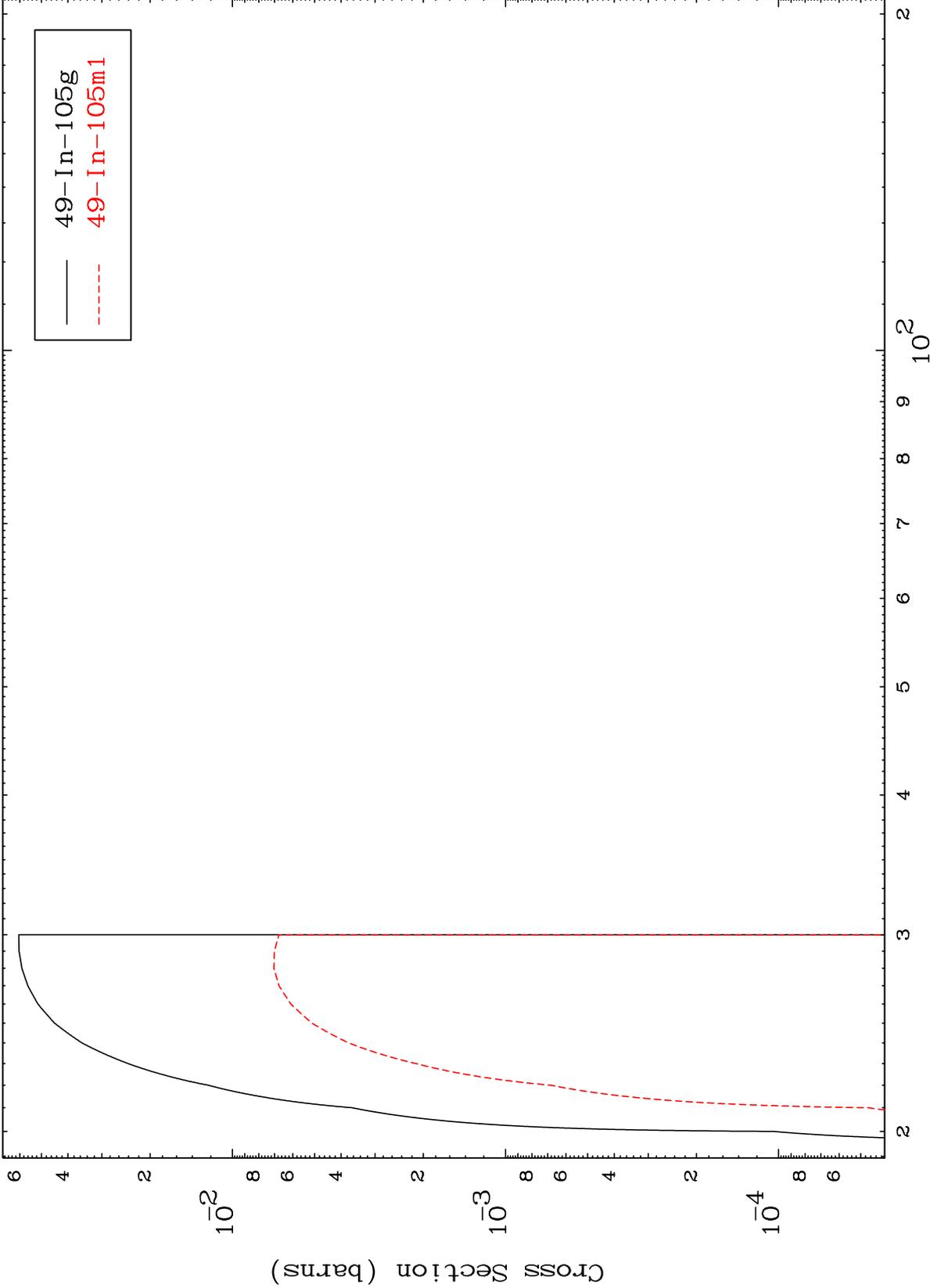
22

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(n,3n)

49-In-107m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

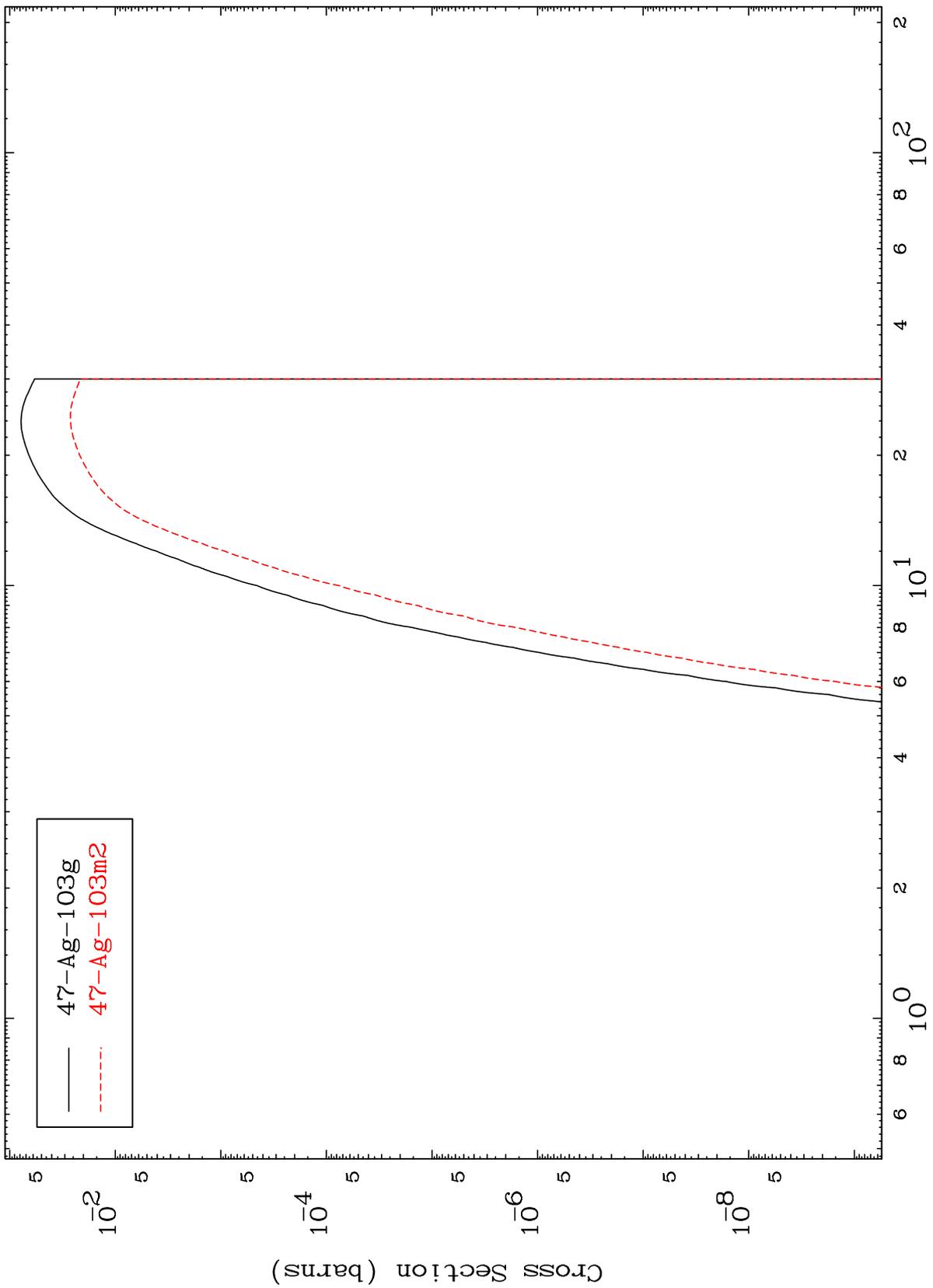
49-In-107m

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(n,n')  $\alpha$

49-In-107m

Radionuclide Production Cross Section



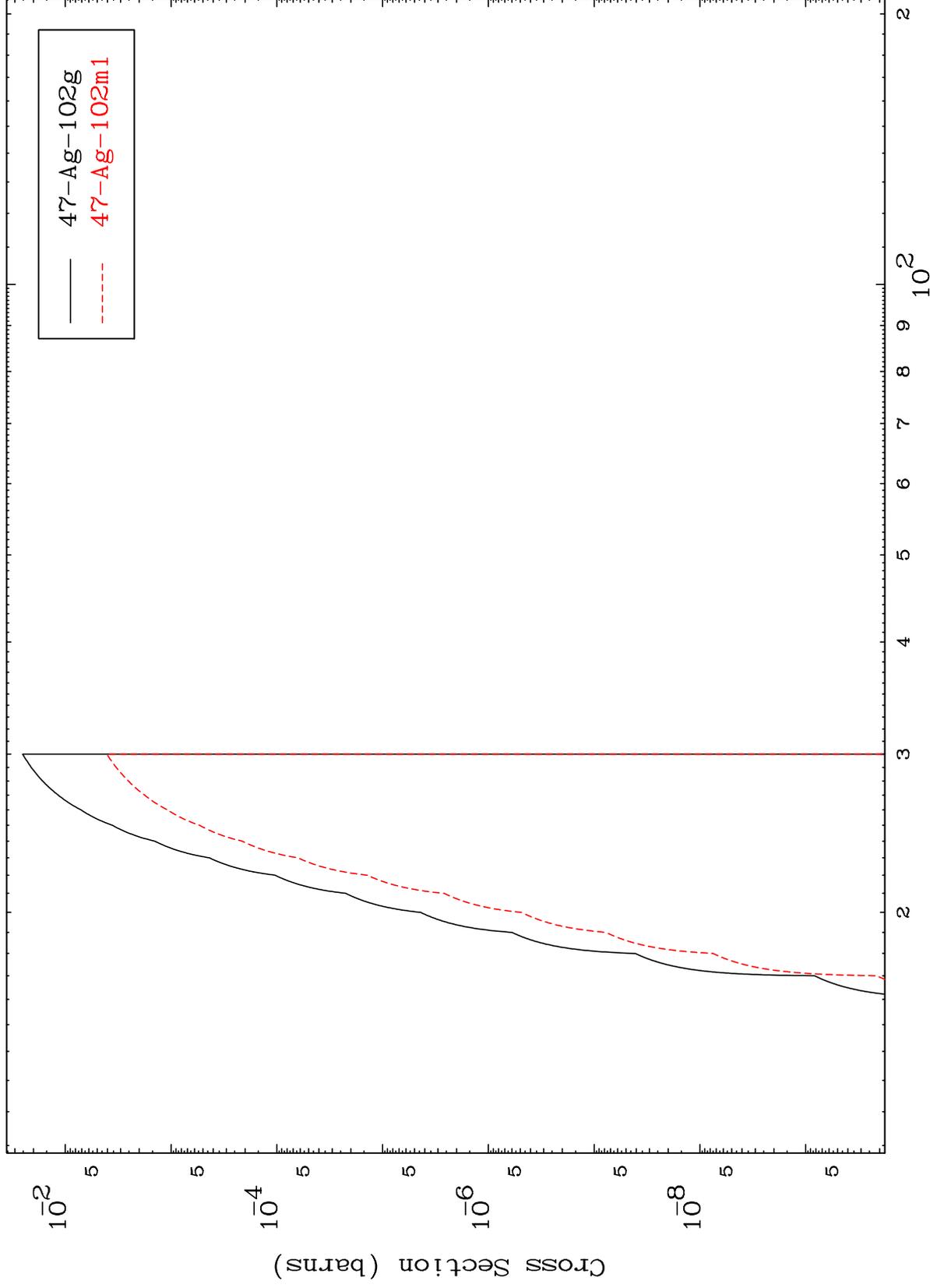
— 47-Ag-103g  
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(n,2n)  $\alpha$

49-In-107m

Radionuclide Production Cross Section



25

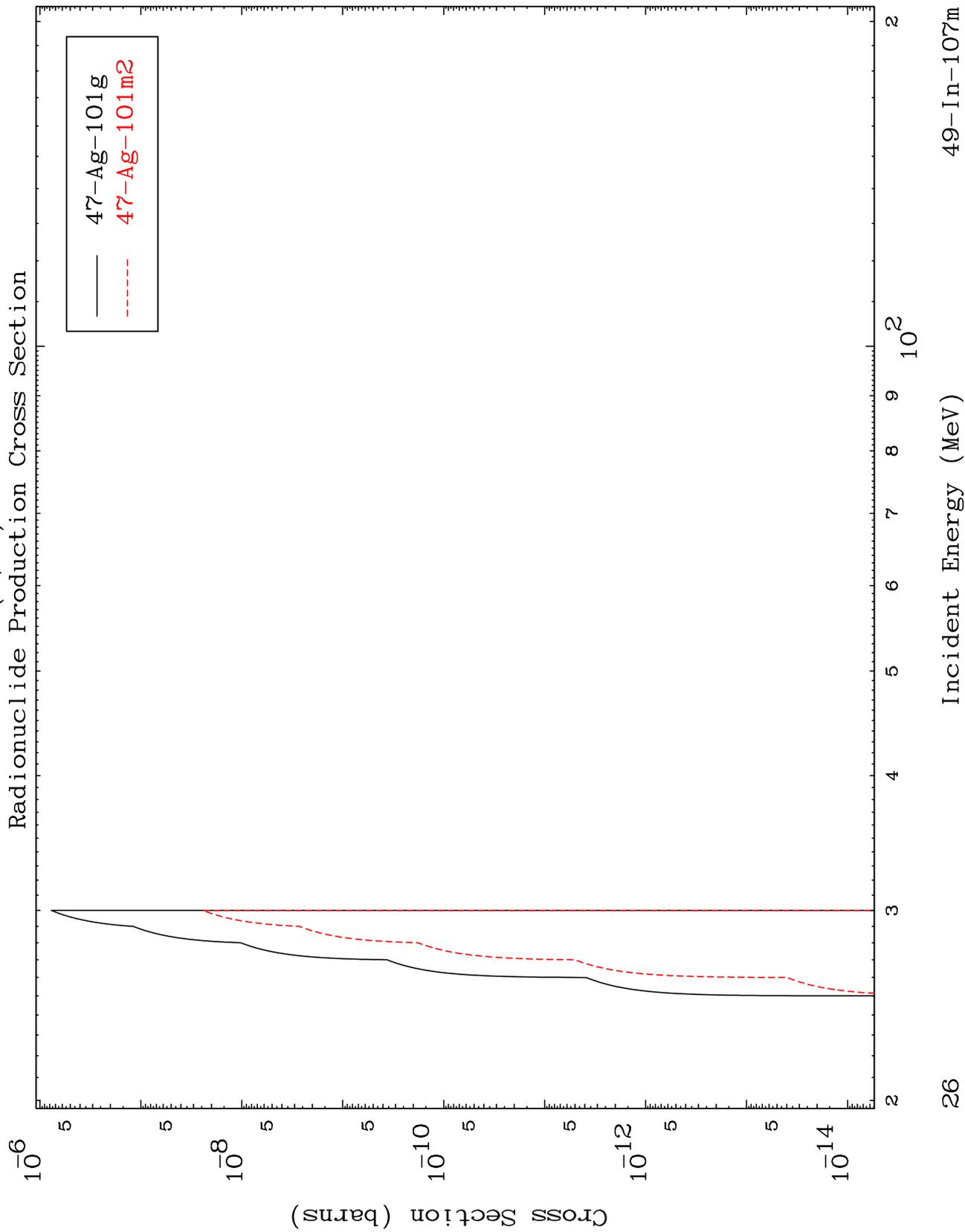
Incident Energy (MeV)

49-In-107m

MAT 4908

(n,3n)  $\alpha$

49-In-107m



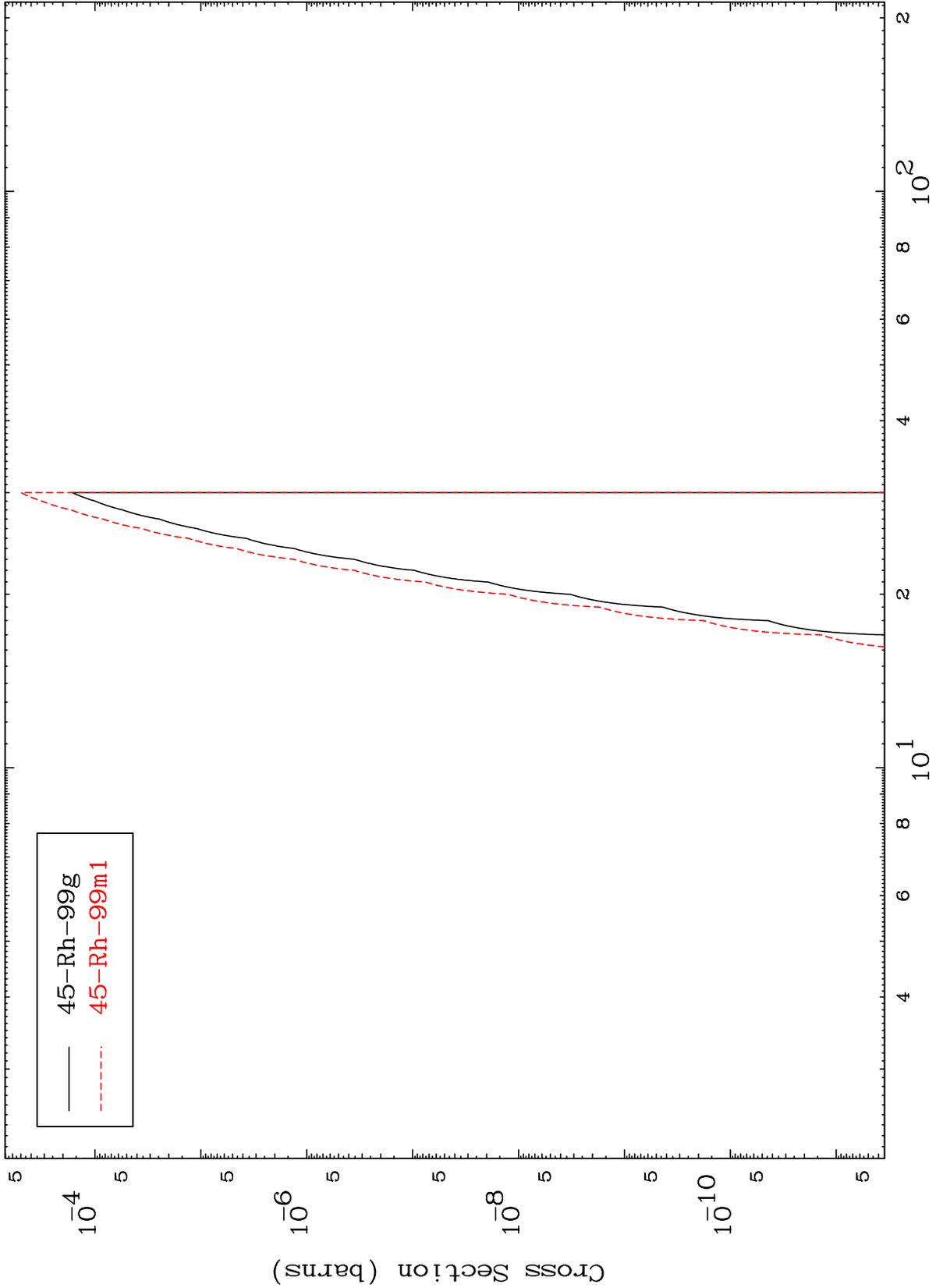
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MAT 4908

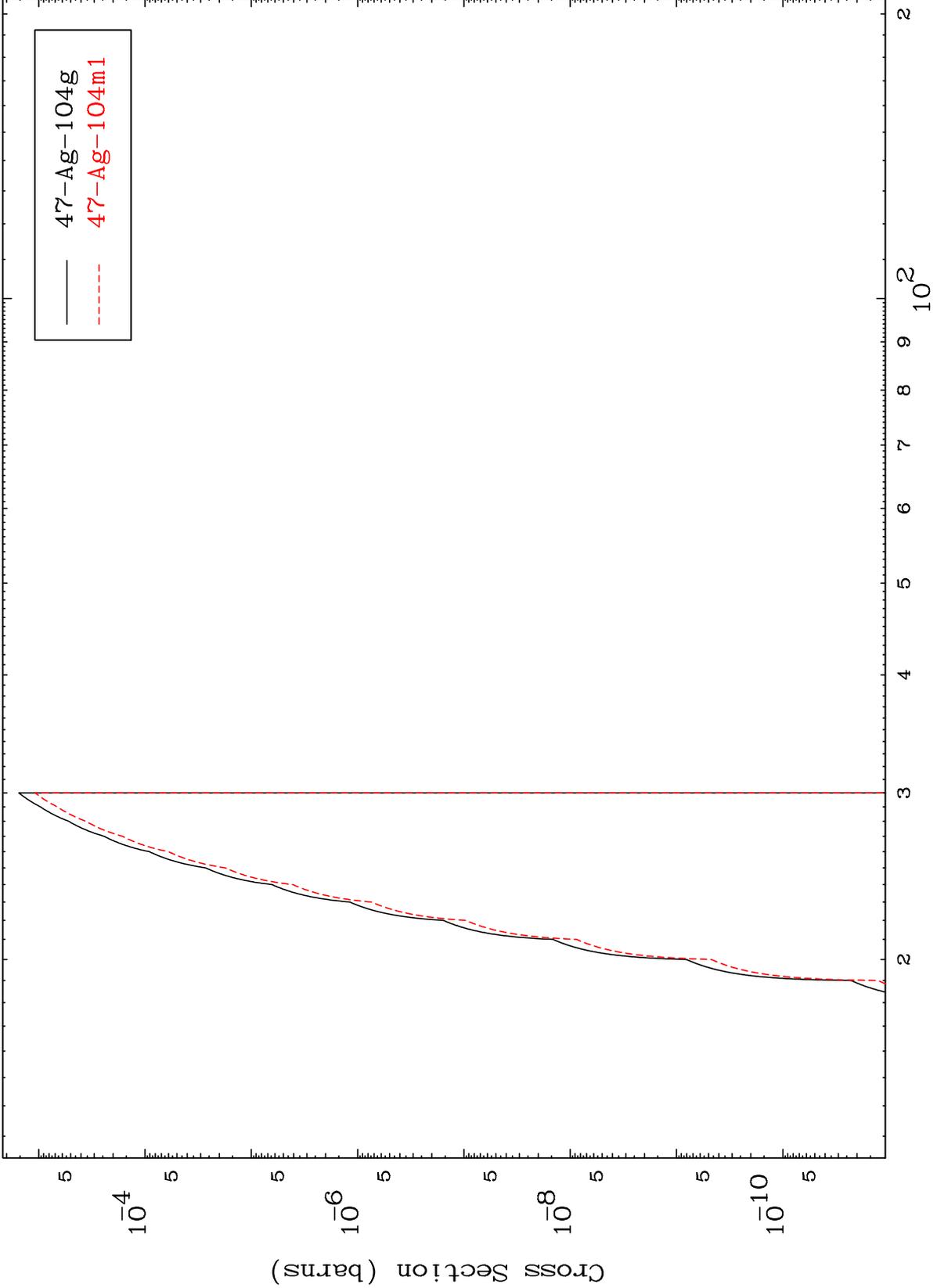
(n,n') 2α

49-In-107m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

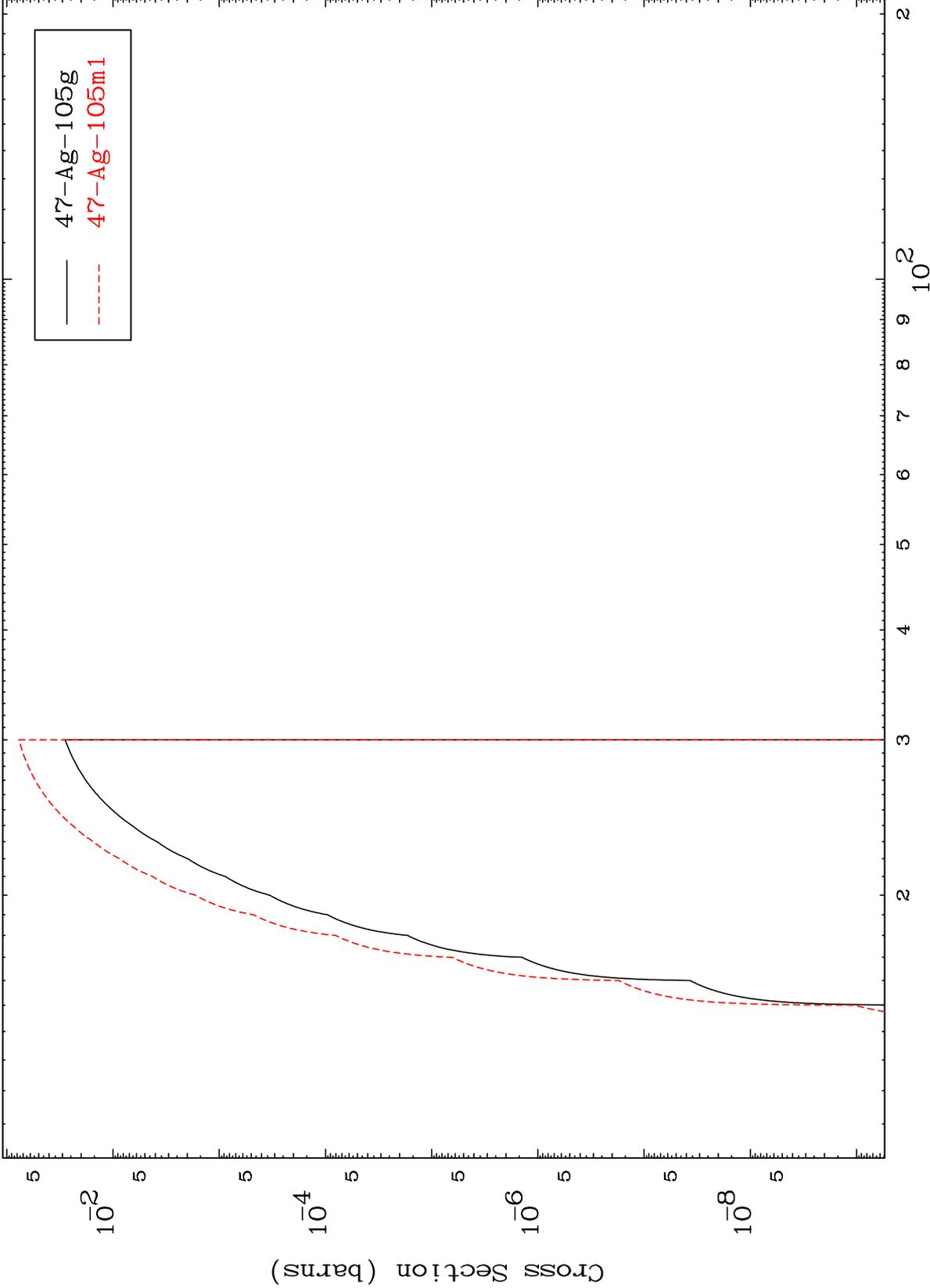


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(n,2n) p

49-In-107m

Radionuclide Production Cross Section



29

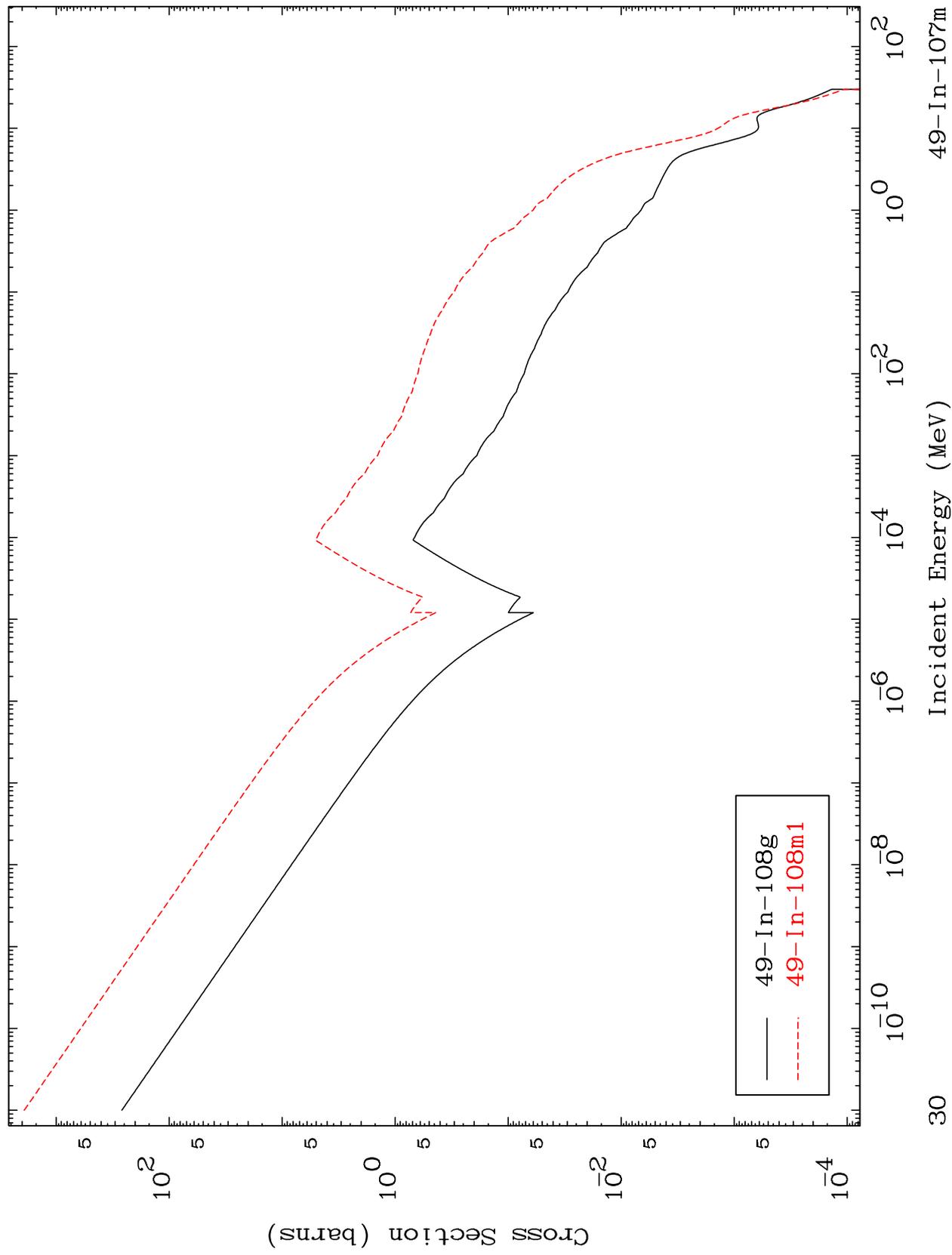
Incident Energy (MeV)

49-In-107m

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$^{49}\text{In-107m}$

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



30

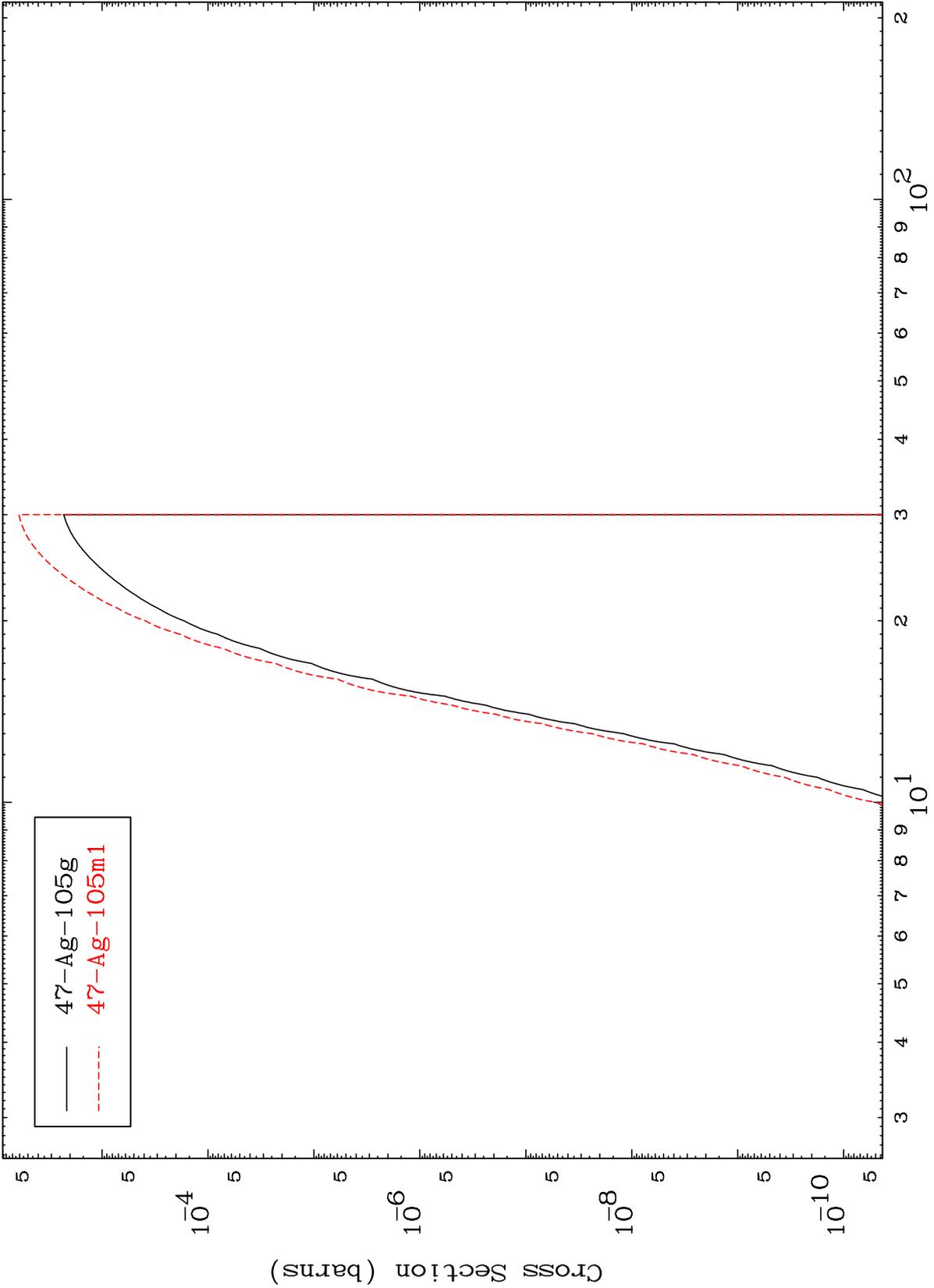
$^{49}\text{In-107m}$

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(n,He-3)

49-In-107m

Radionuclide Production Cross Section

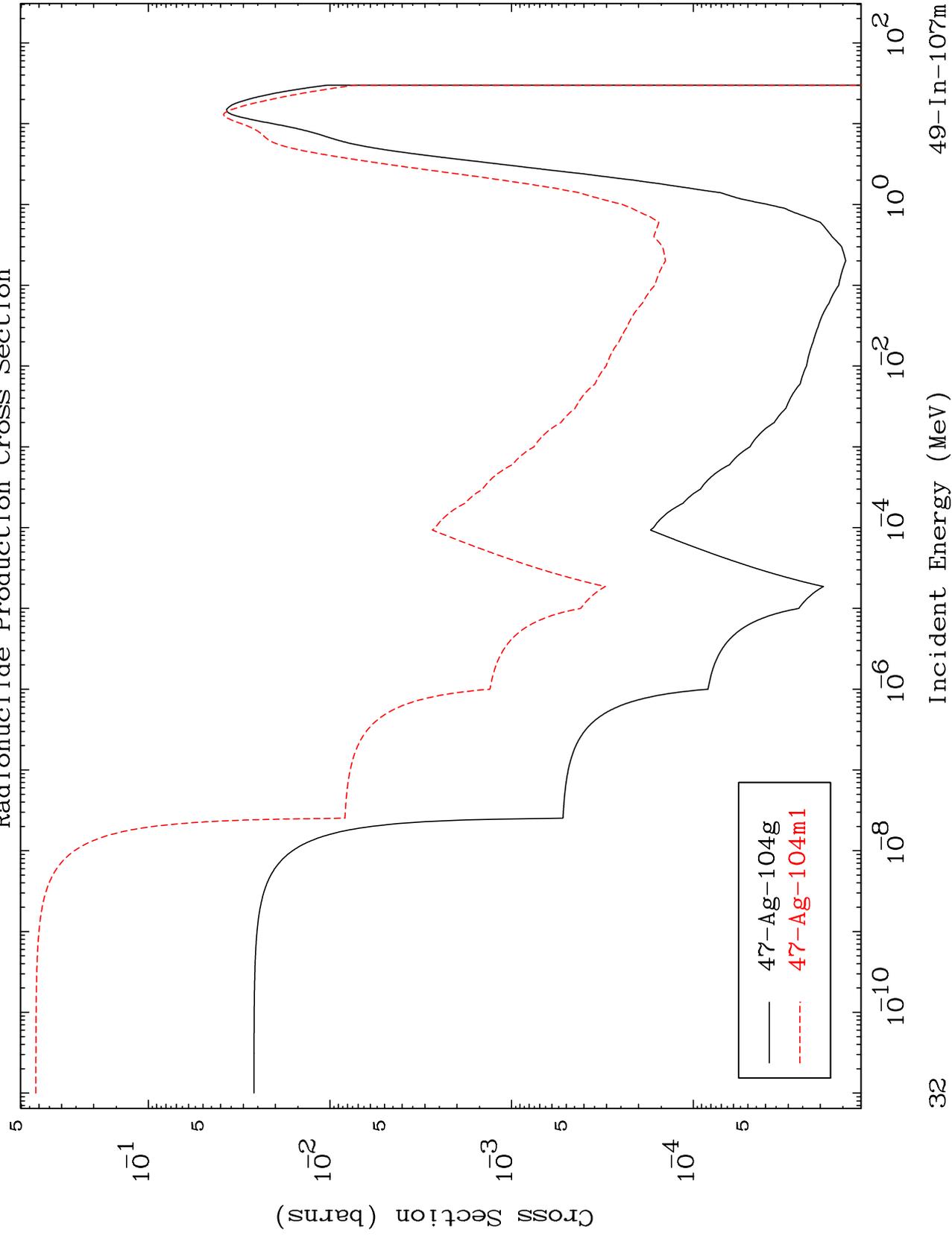


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49-In-107m

Radionuclide Production Cross Section

(n,  $\alpha$ )

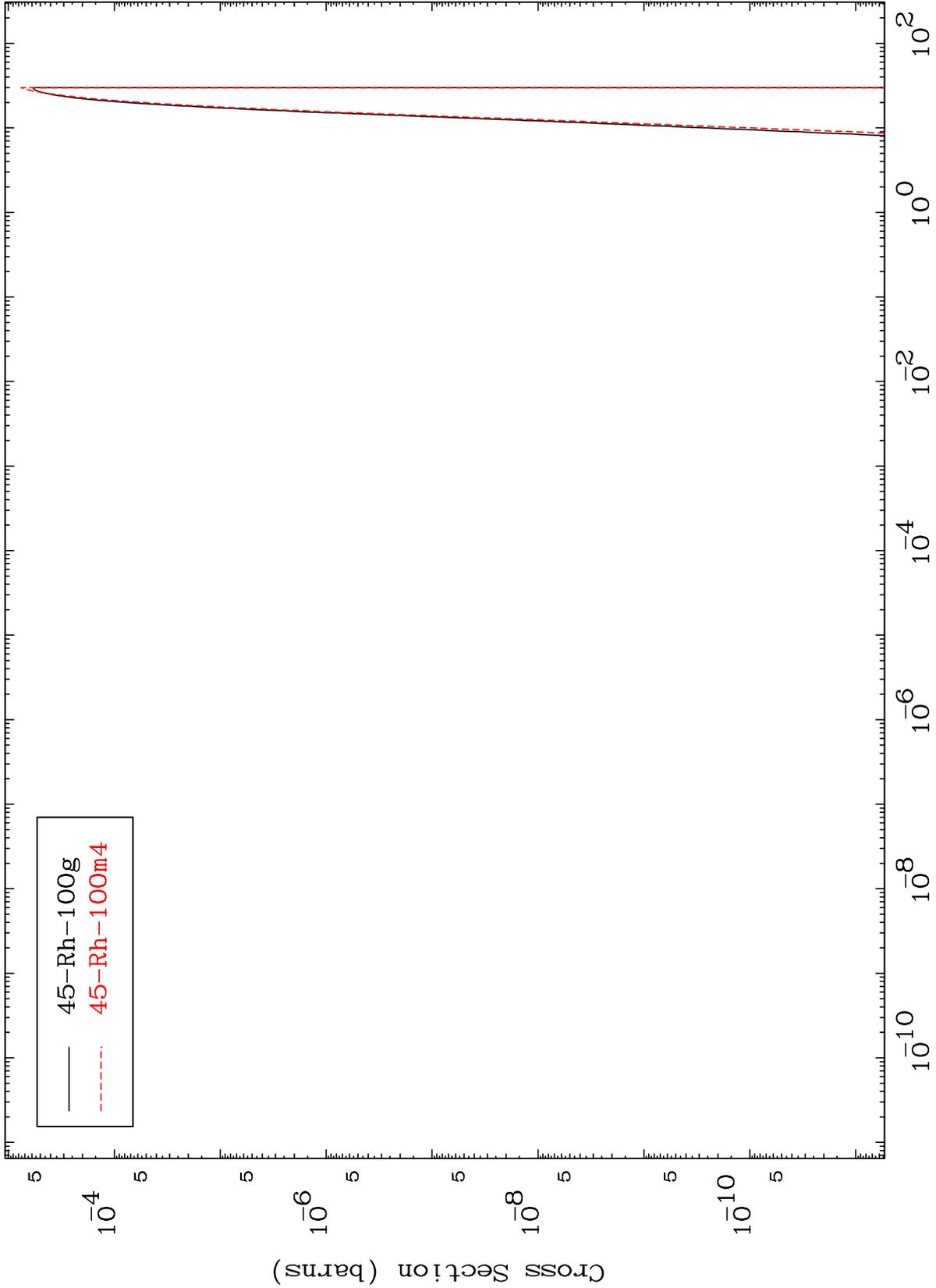


MAT 4908

(n,2α)

49-In-107m

Radionuclide Production Cross Section

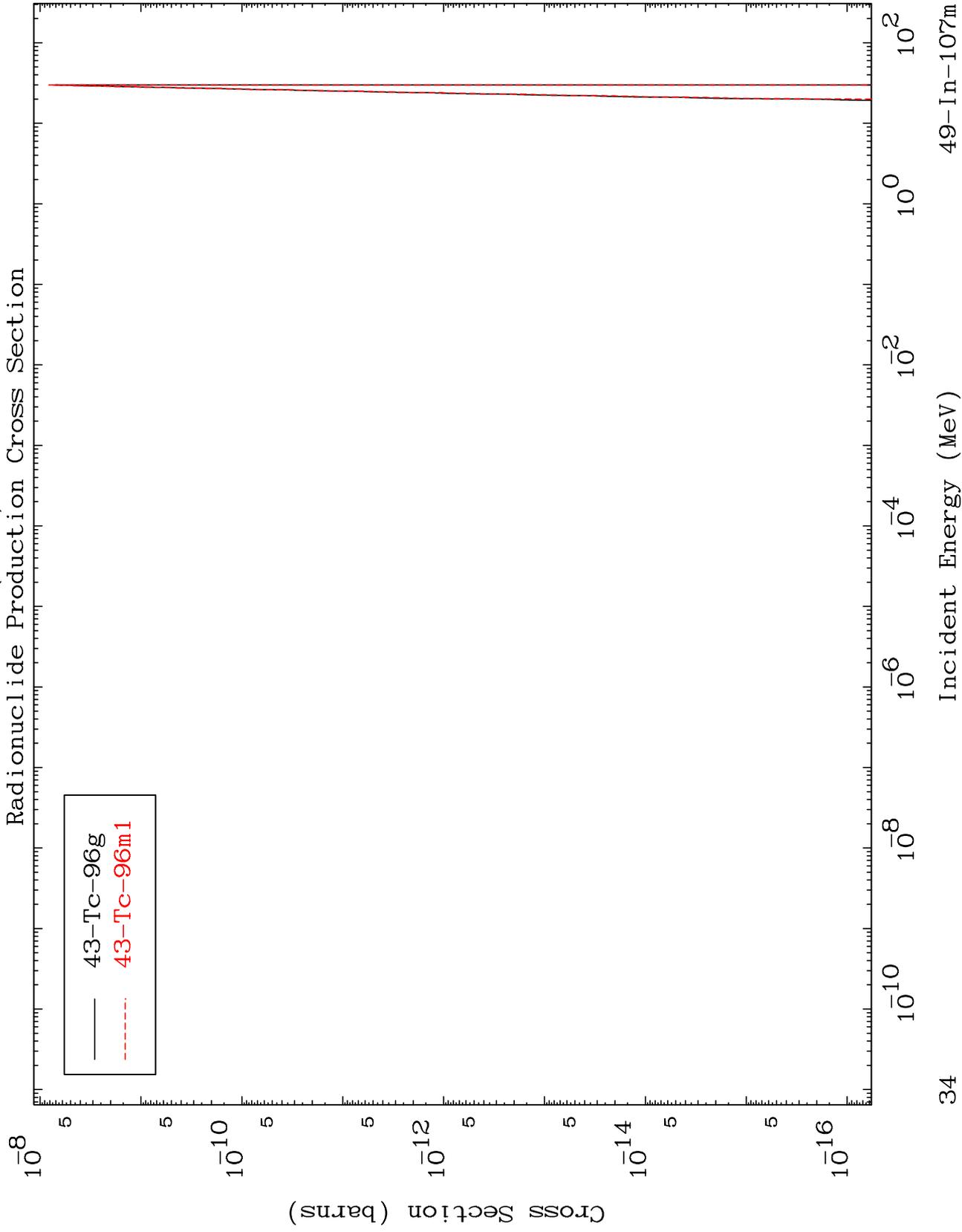


MAT 4908

(n, 3 $\alpha$ )

49-In-107m

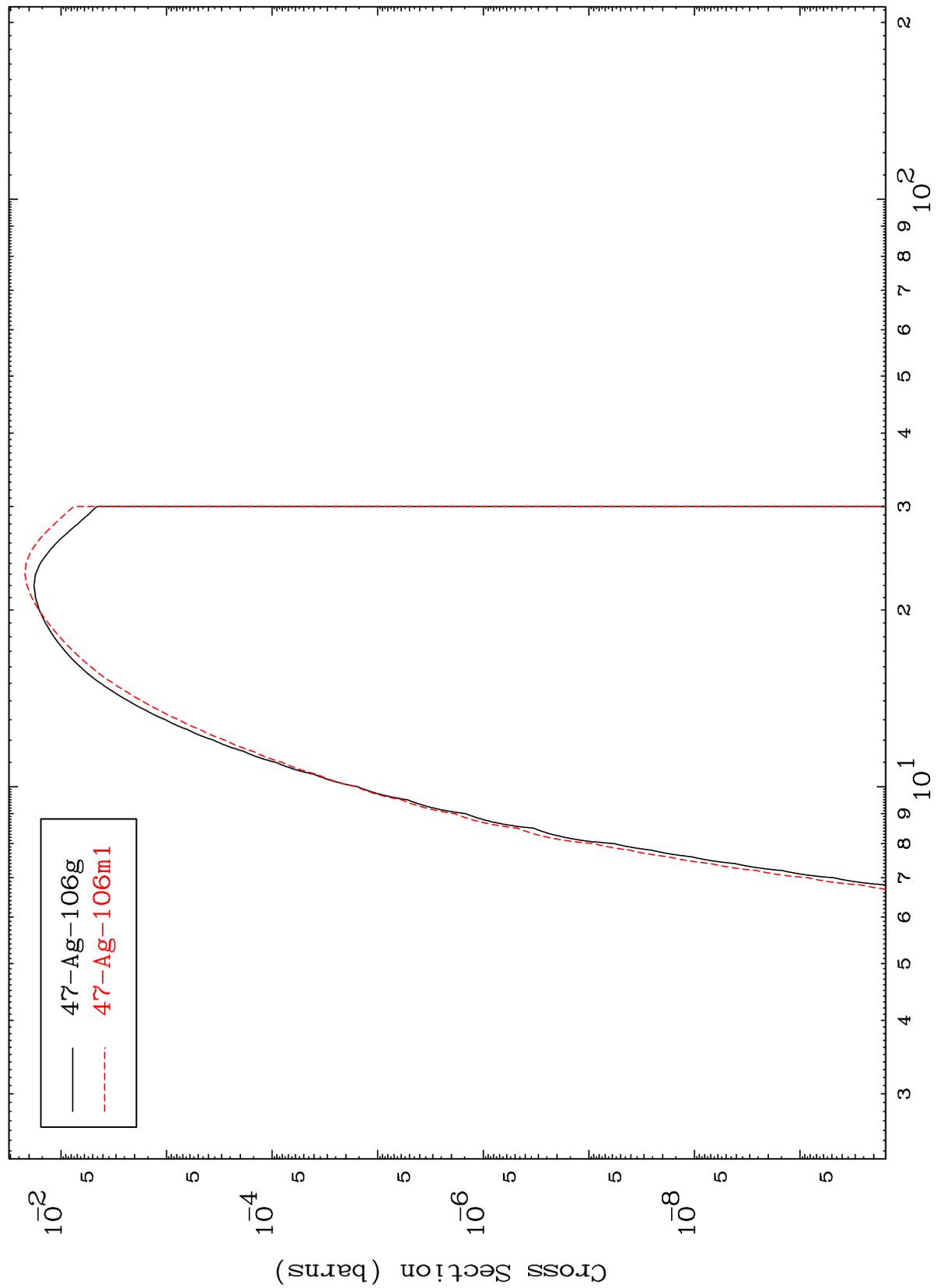
Radionuclide Production Cross Section



MAT 4908

49-In-107m

Radionuclide Production Cross Section  
(n,2p)



— 47-Ag-106g  
- - - 47-Ag-106m1

49-In-107m

Incident Energy (MeV)

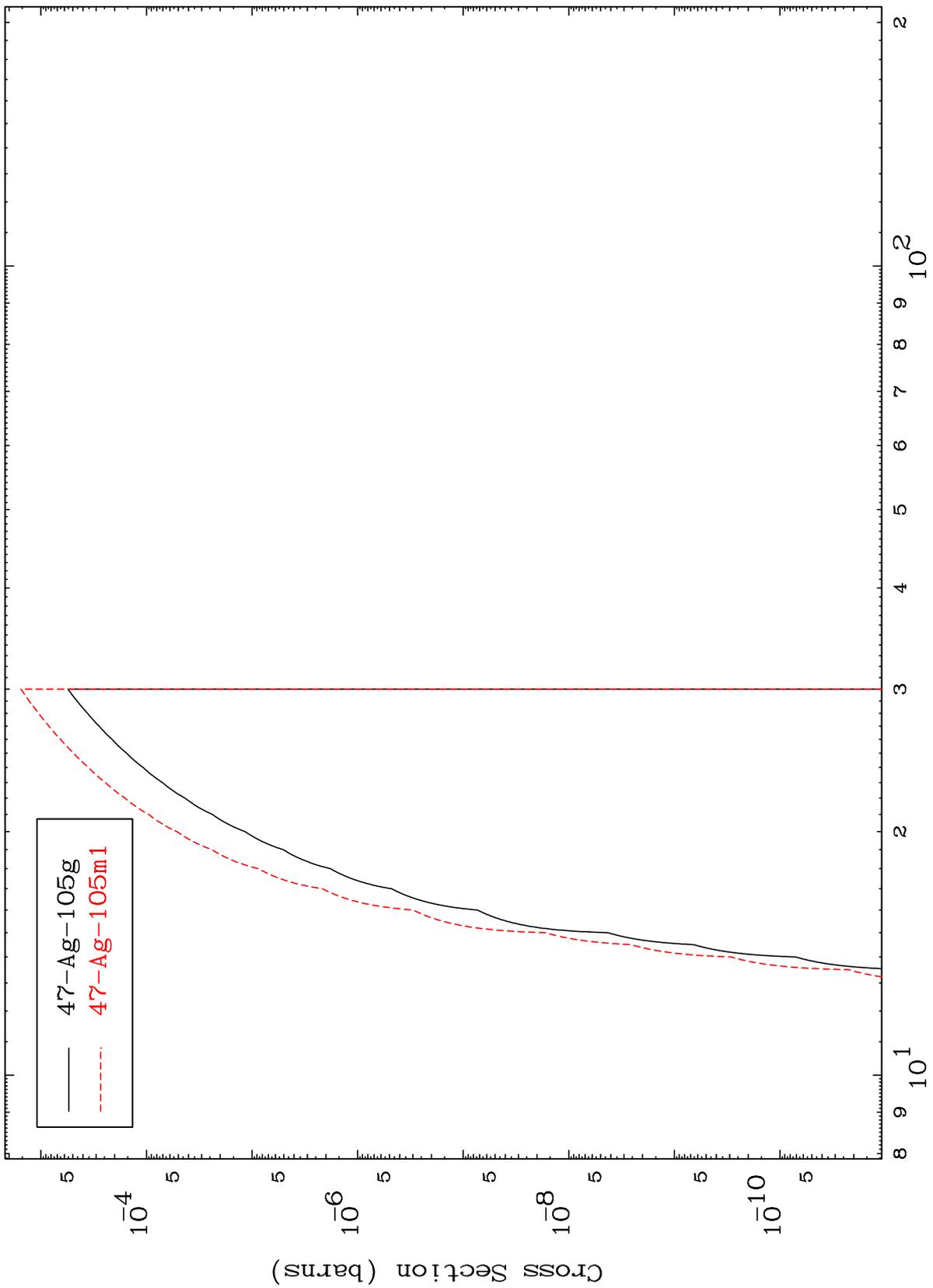
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MAT 4908

(n,p) d

49-In-107m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-107m

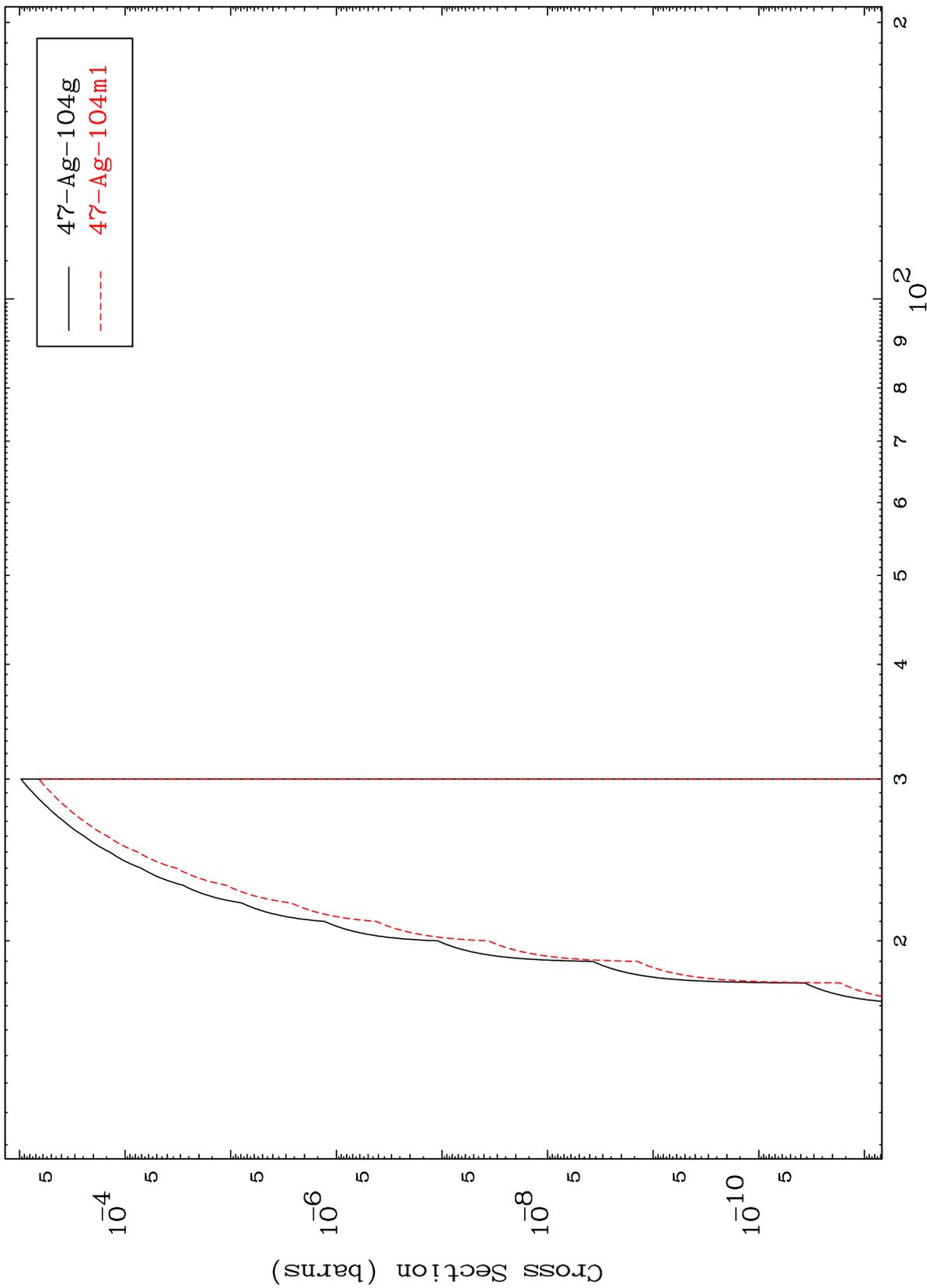
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MAT 4908

(n,p) t

49-In-107m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-107m