

Program EVALPLOT  
(Version 2021-1)

by

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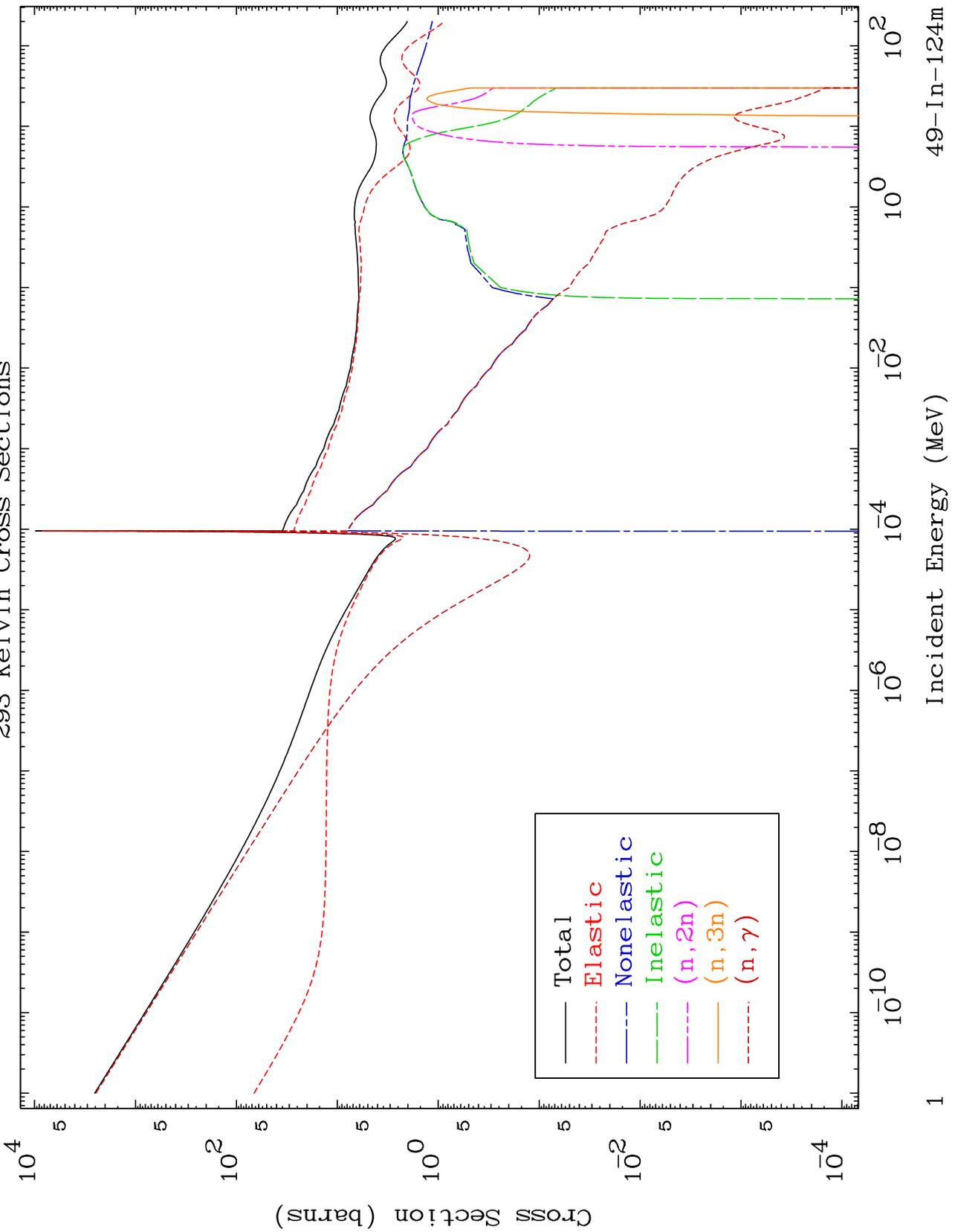
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Press Mouse Button to Start

MAT 4959

Neutron Major  
293 Kelvin Cross Sections

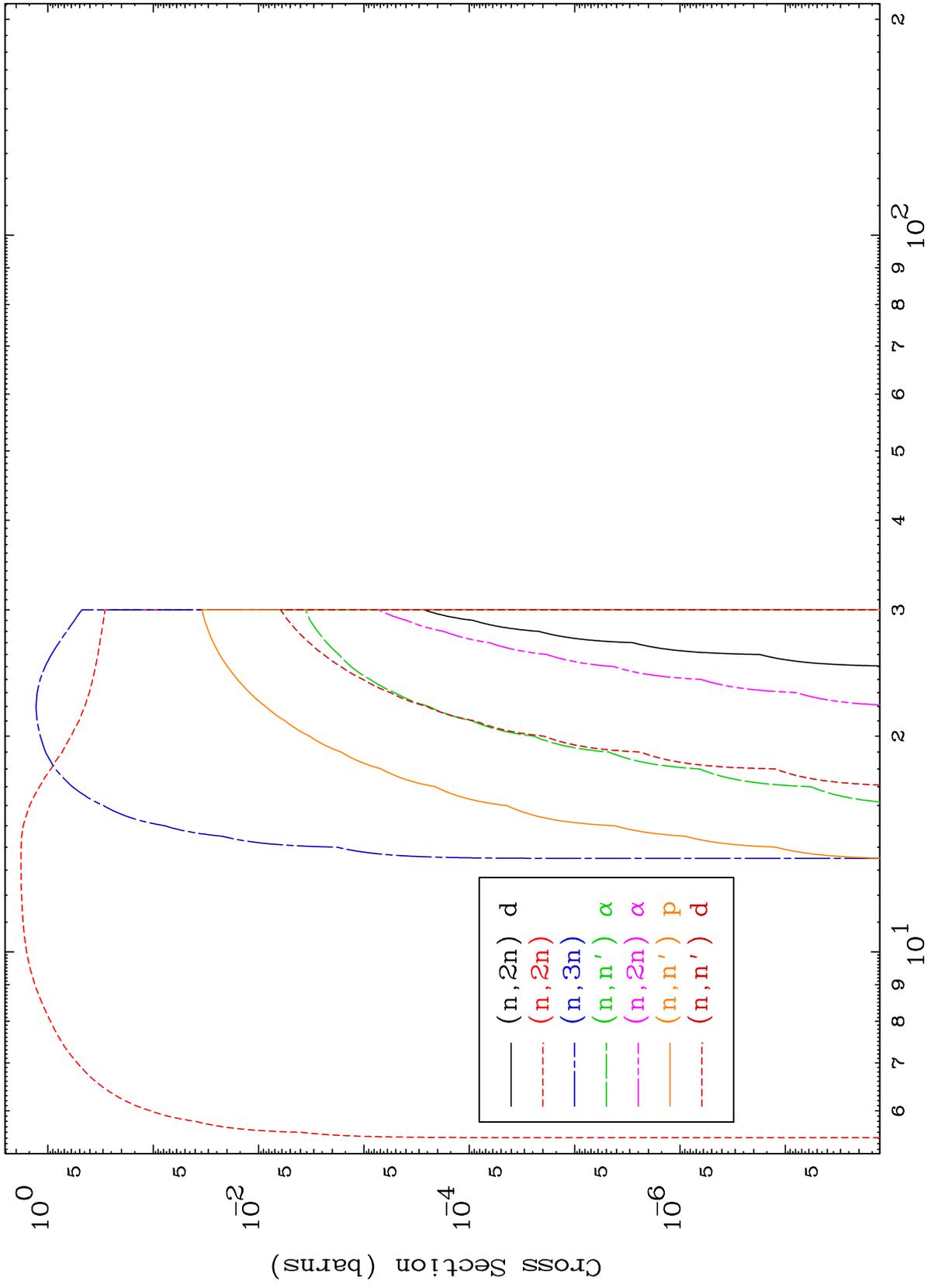
49-In-124m



MAT 4959

Neutron Absorption  
293 Kelvin Cross Sections

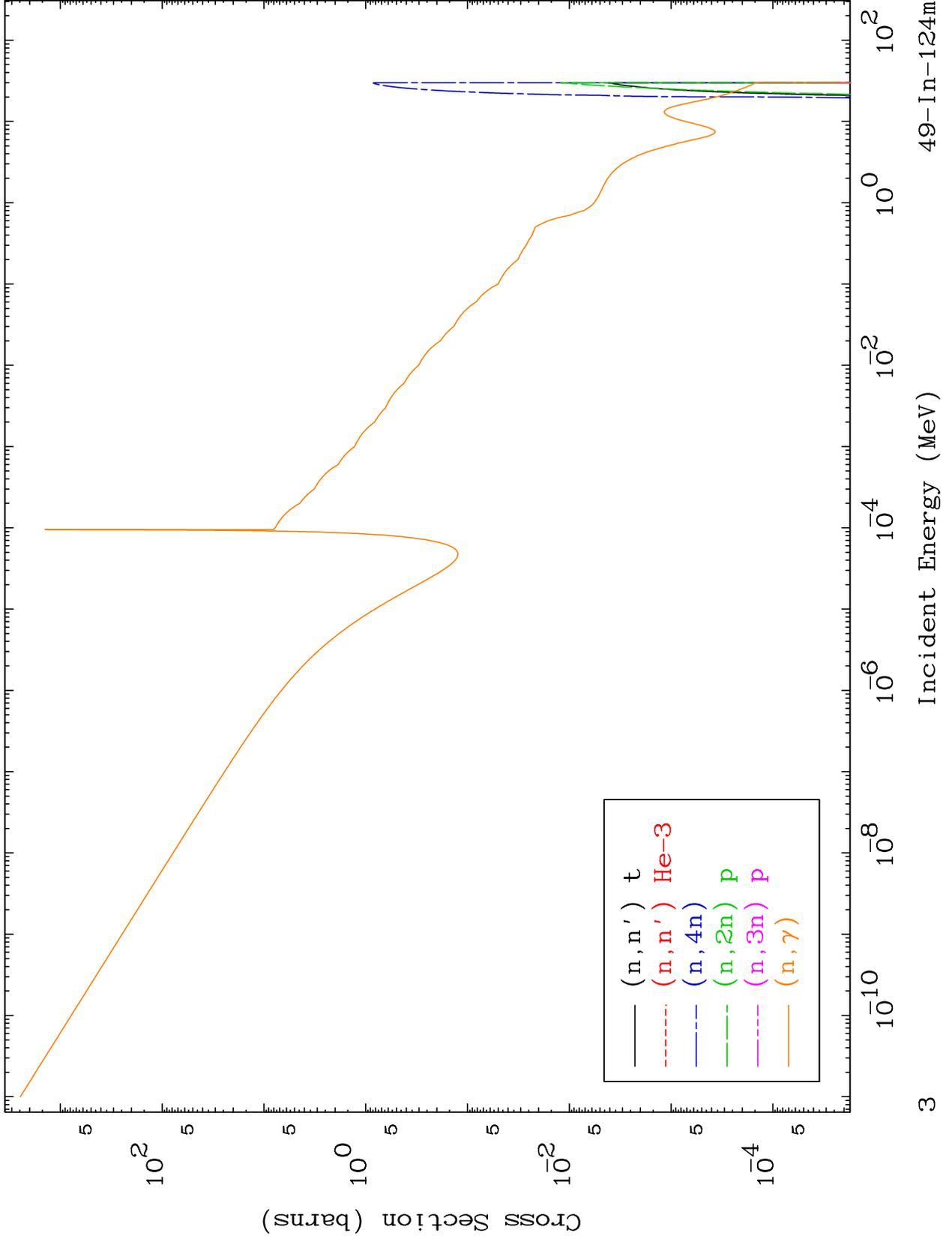
49-In-124m



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Neutron Absorption  
293 Kelvin Cross Sections

49-In-124m

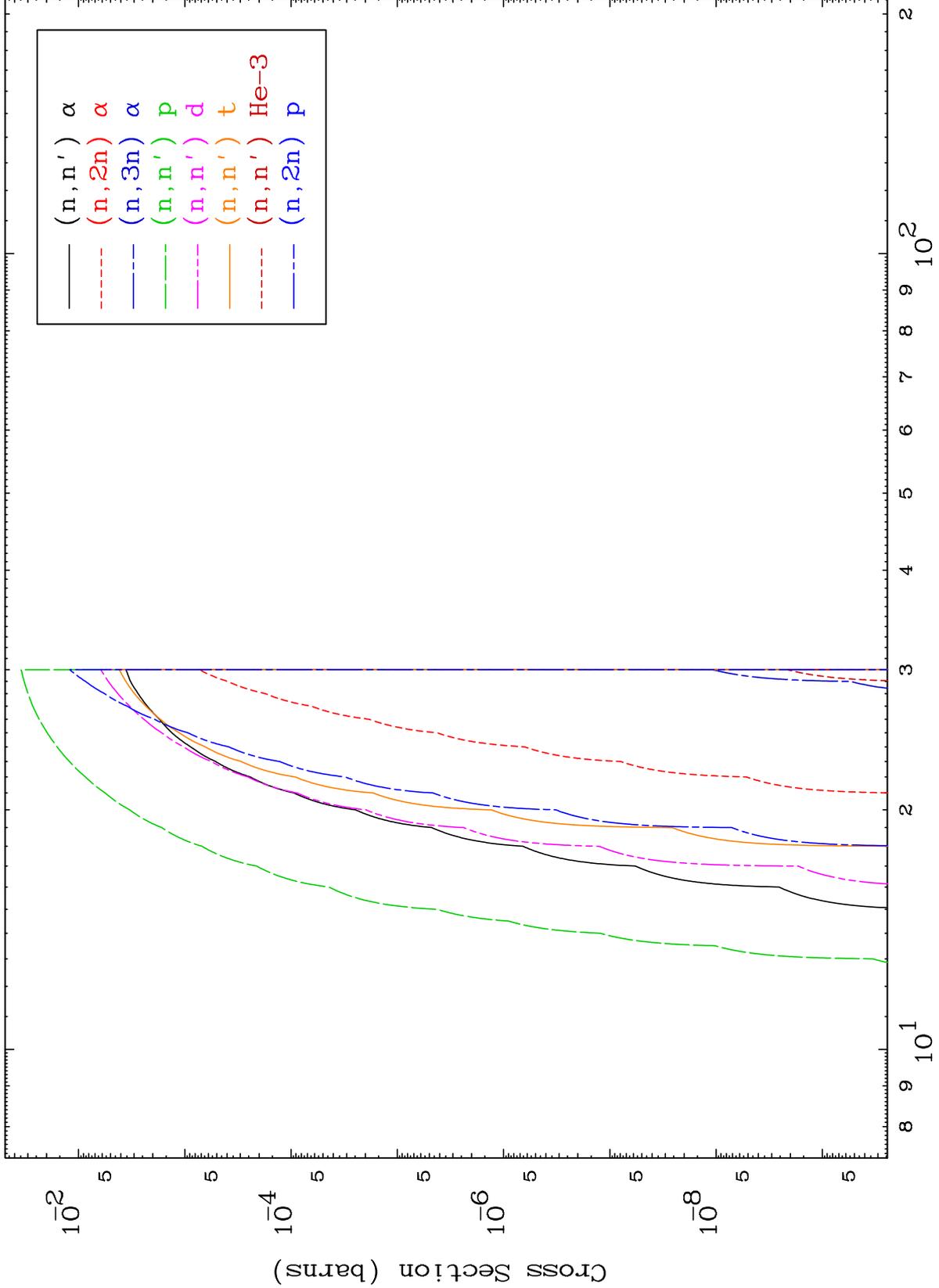




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Charged Particle  
293 Kelvin Cross Sections

49-In-124m



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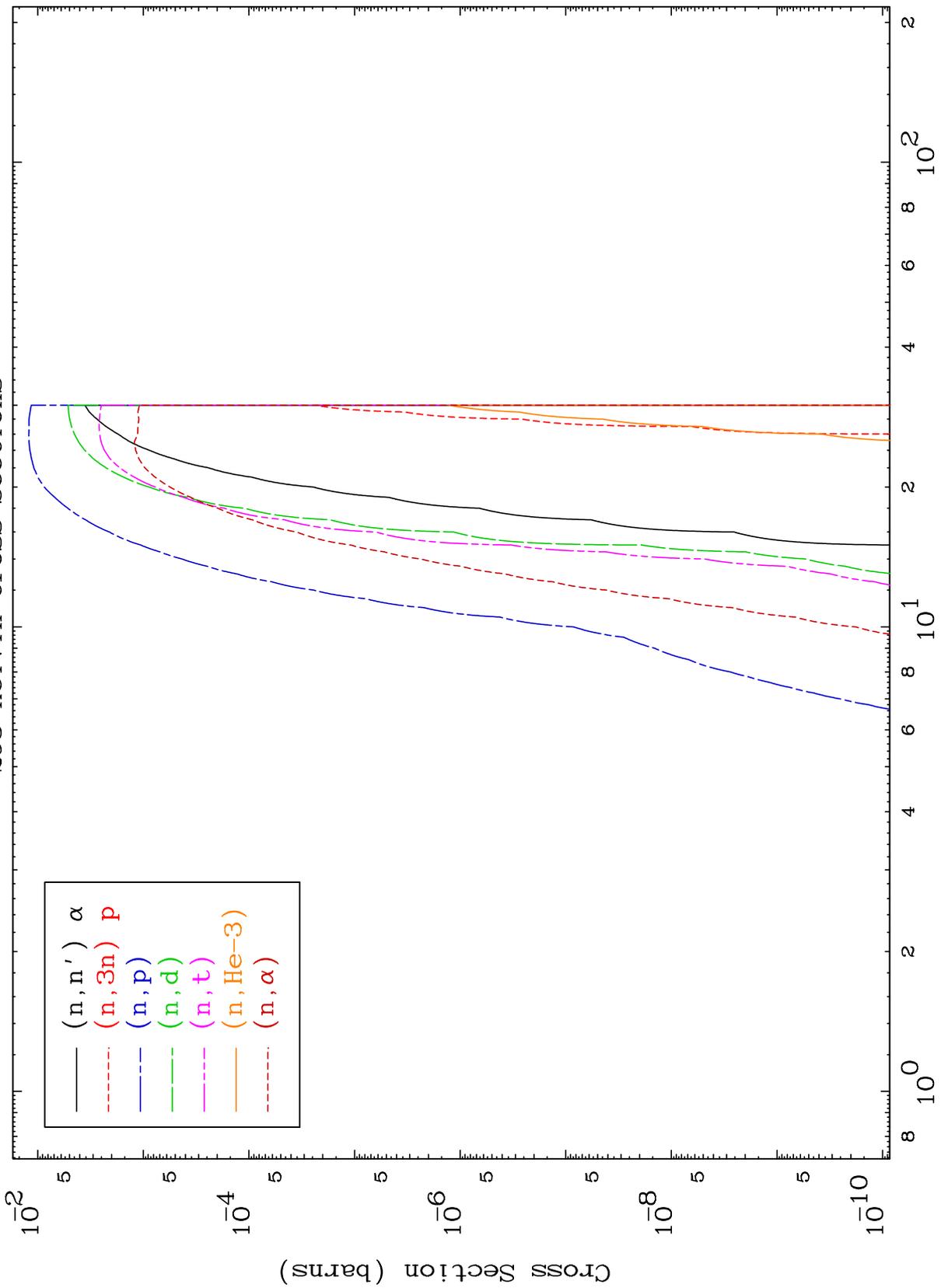
Incident Energy (MeV)

49-In-124m

MAT 4959

Charged Particle  
293 Kelvin Cross Sections

49-In-124m



49-In-124m

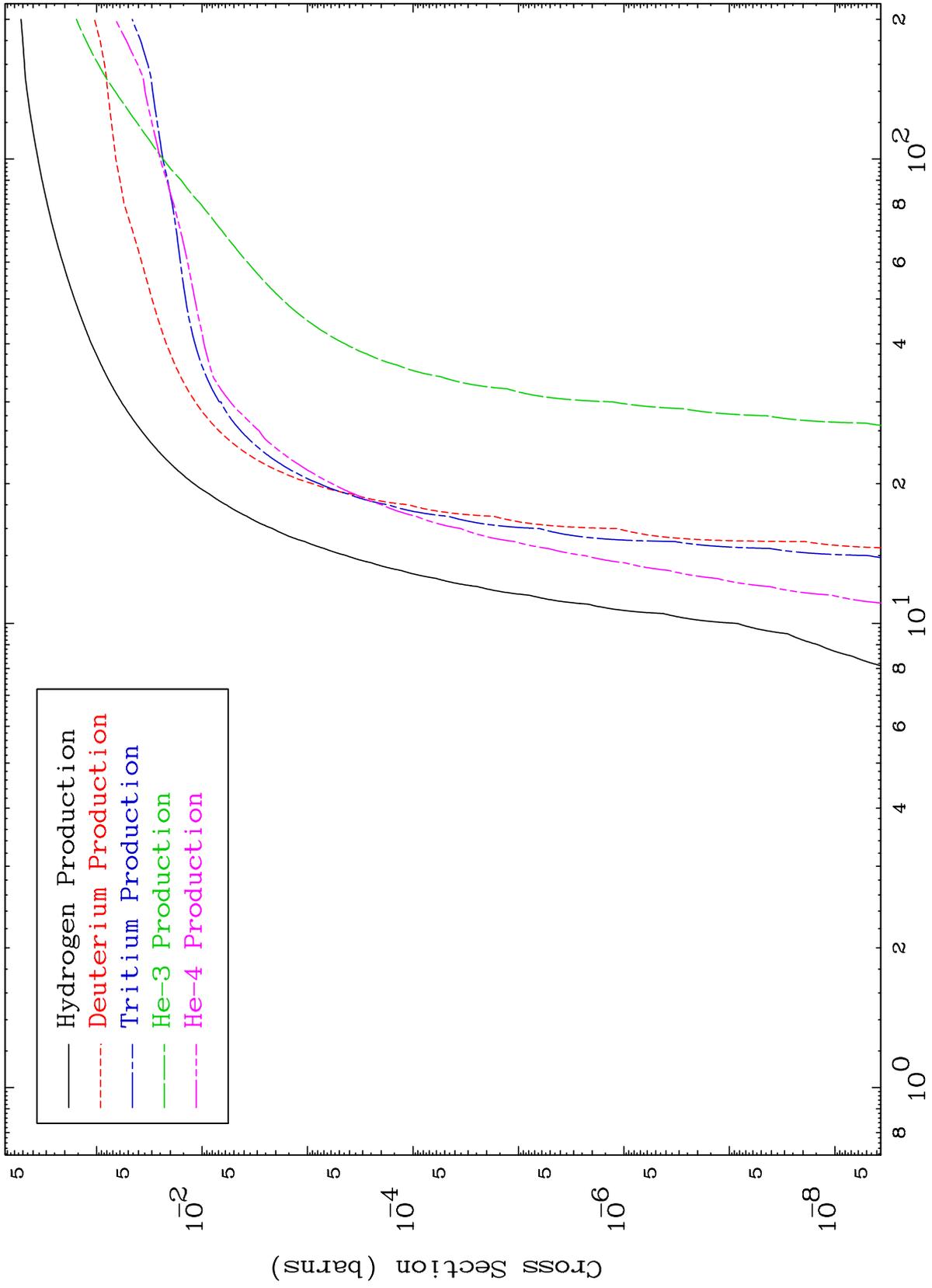
Incident Energy (MeV)

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Particle Production  
293 Kelvin Cross Sections

49-In-124m



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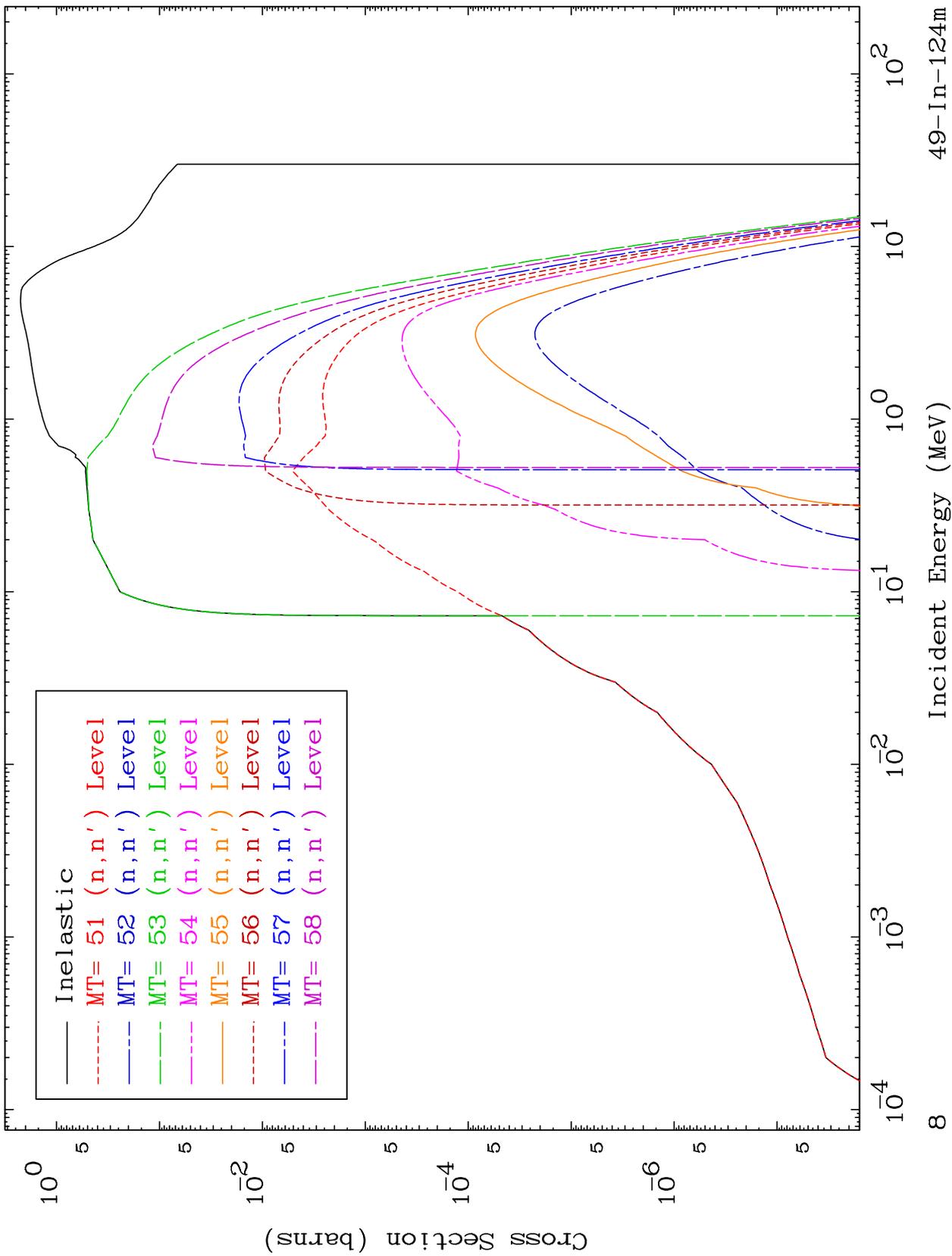
Incident Energy (MeV)

49-In-124m

MAT 4959

293 Kelvin Cross Sections  
(n,n') Levels

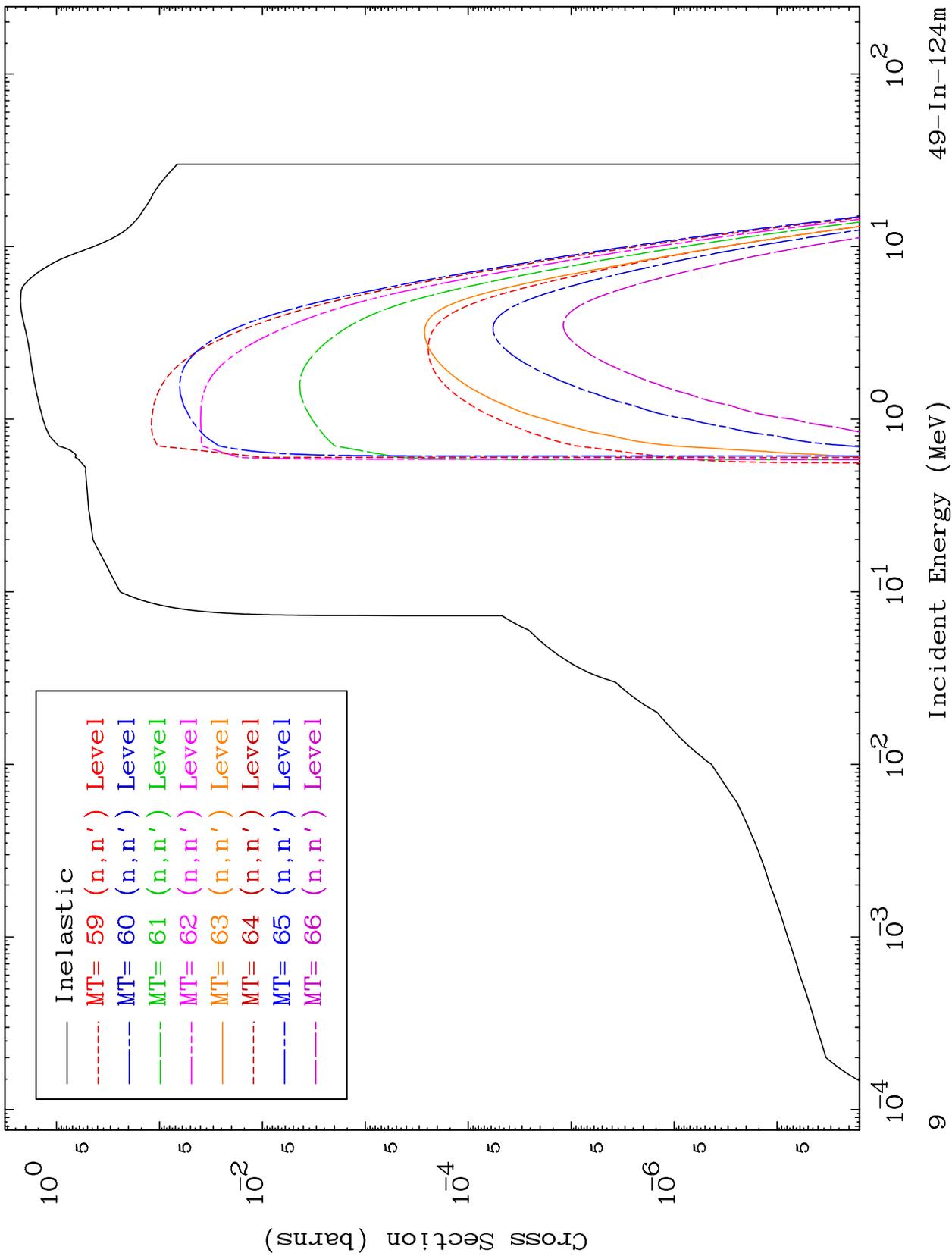
49-In-124m



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(n,n') Levels  
293 Kelvin Cross Sections

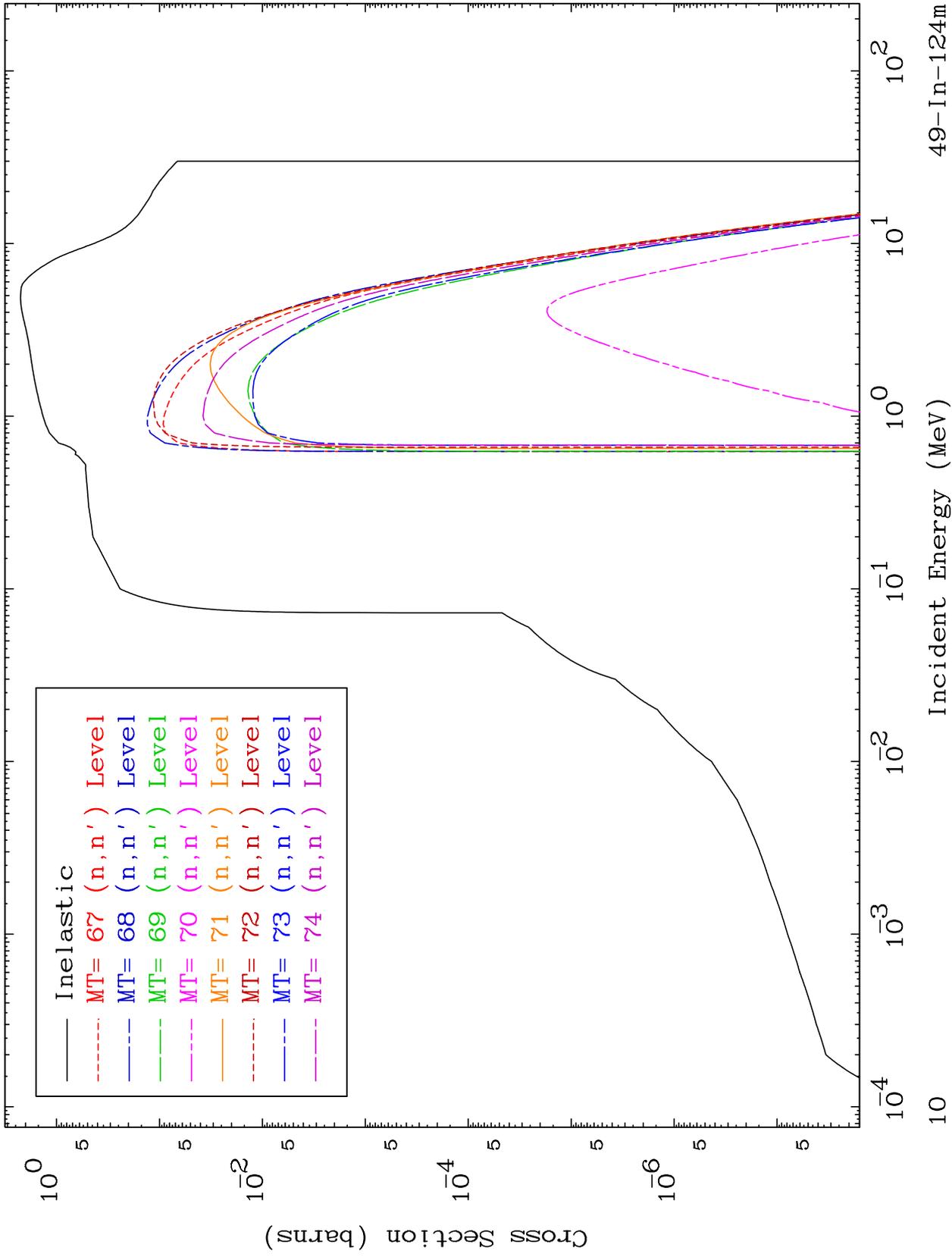
49-In-124m



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(n,n') Levels  
293 Kelvin Cross Sections

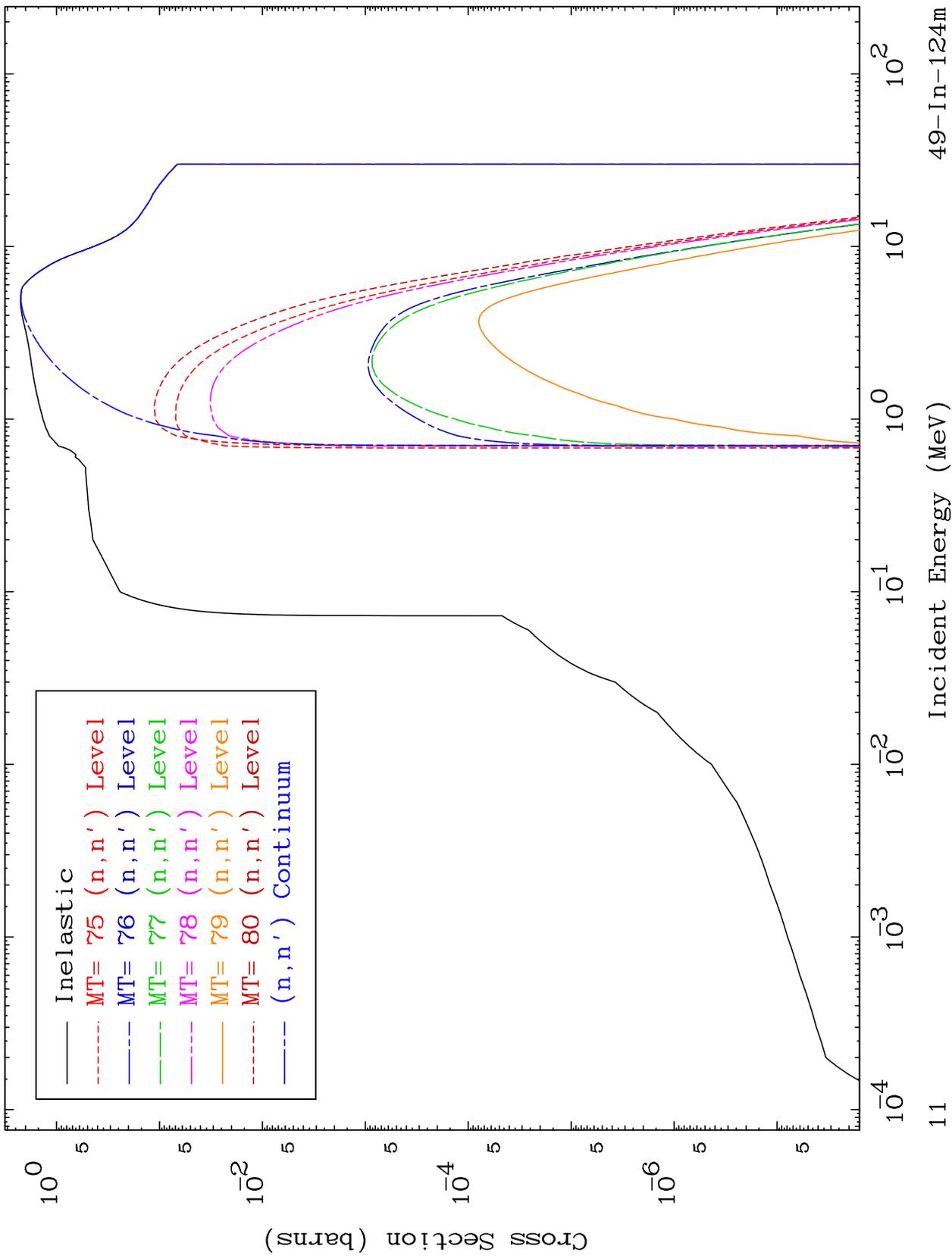
49-In-124m



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293 Kelvin Cross Sections  
(n,n') Levels

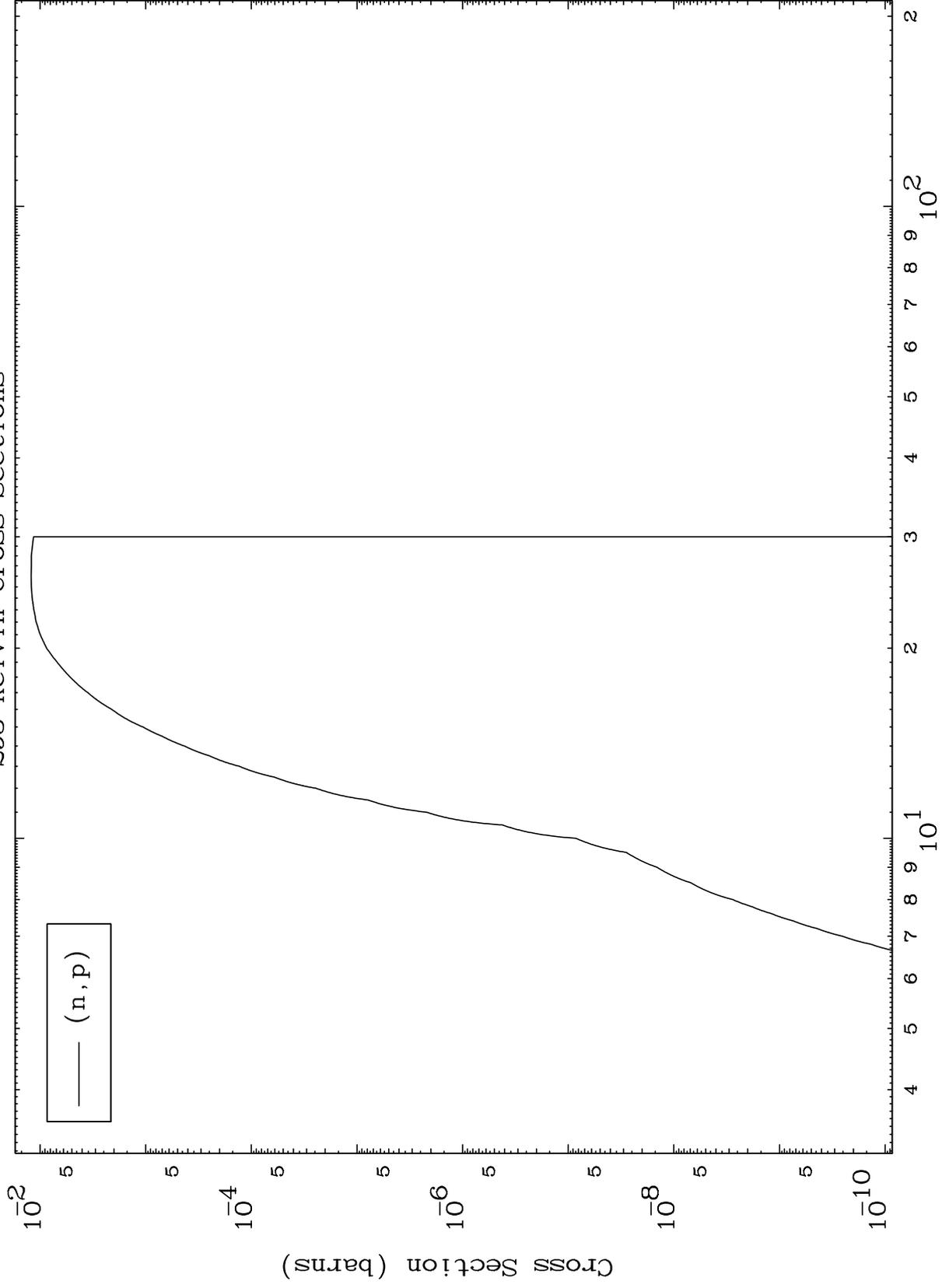
49-In-124m



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(n,p) Levels  
293 Kelvin Cross Sections

49-In-124m



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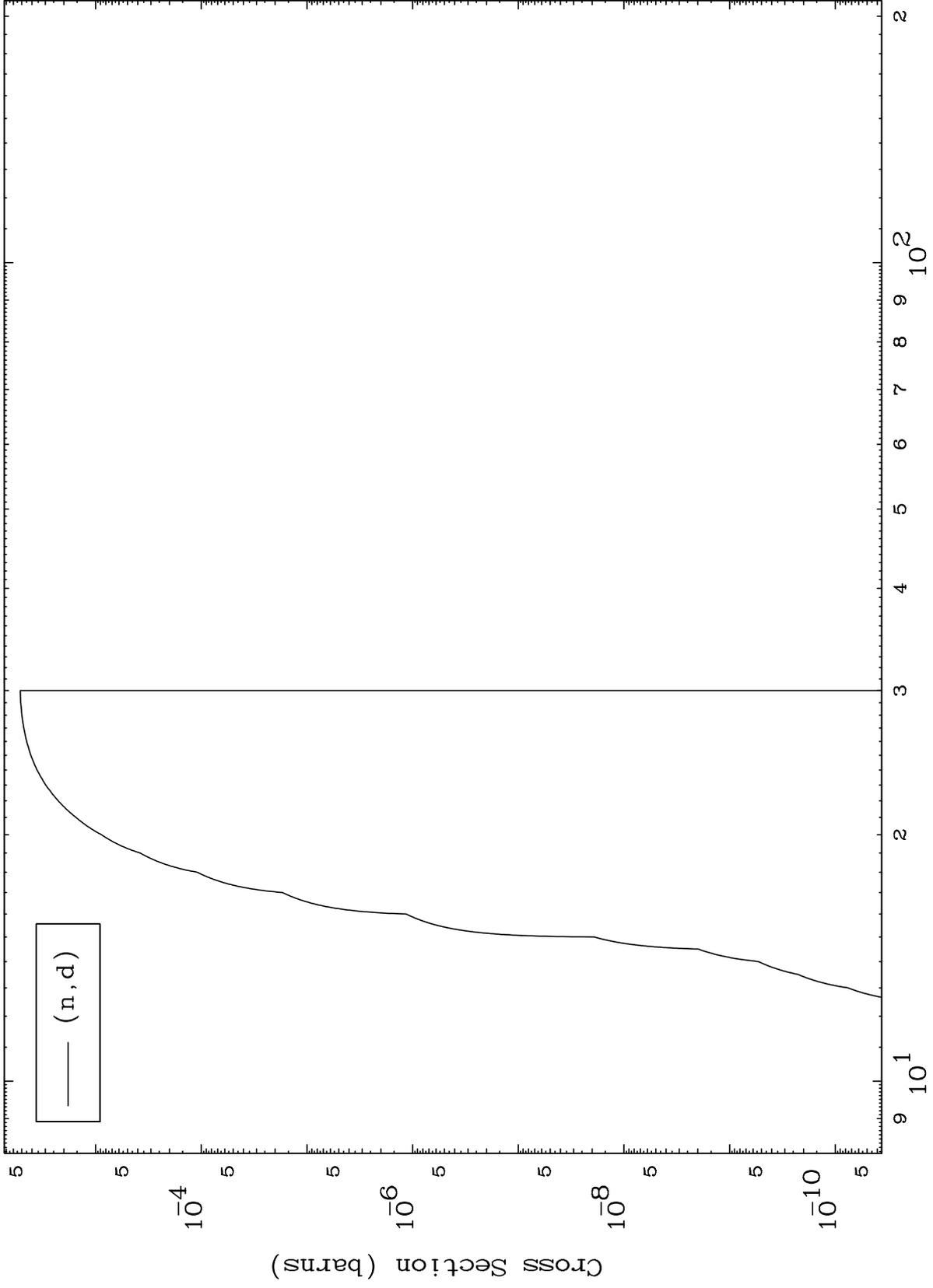
Incident Energy (MeV)

49-In-124m

MAT 4959

(n,d) Levels  
293 Kelvin Cross Sections

49-In-124m



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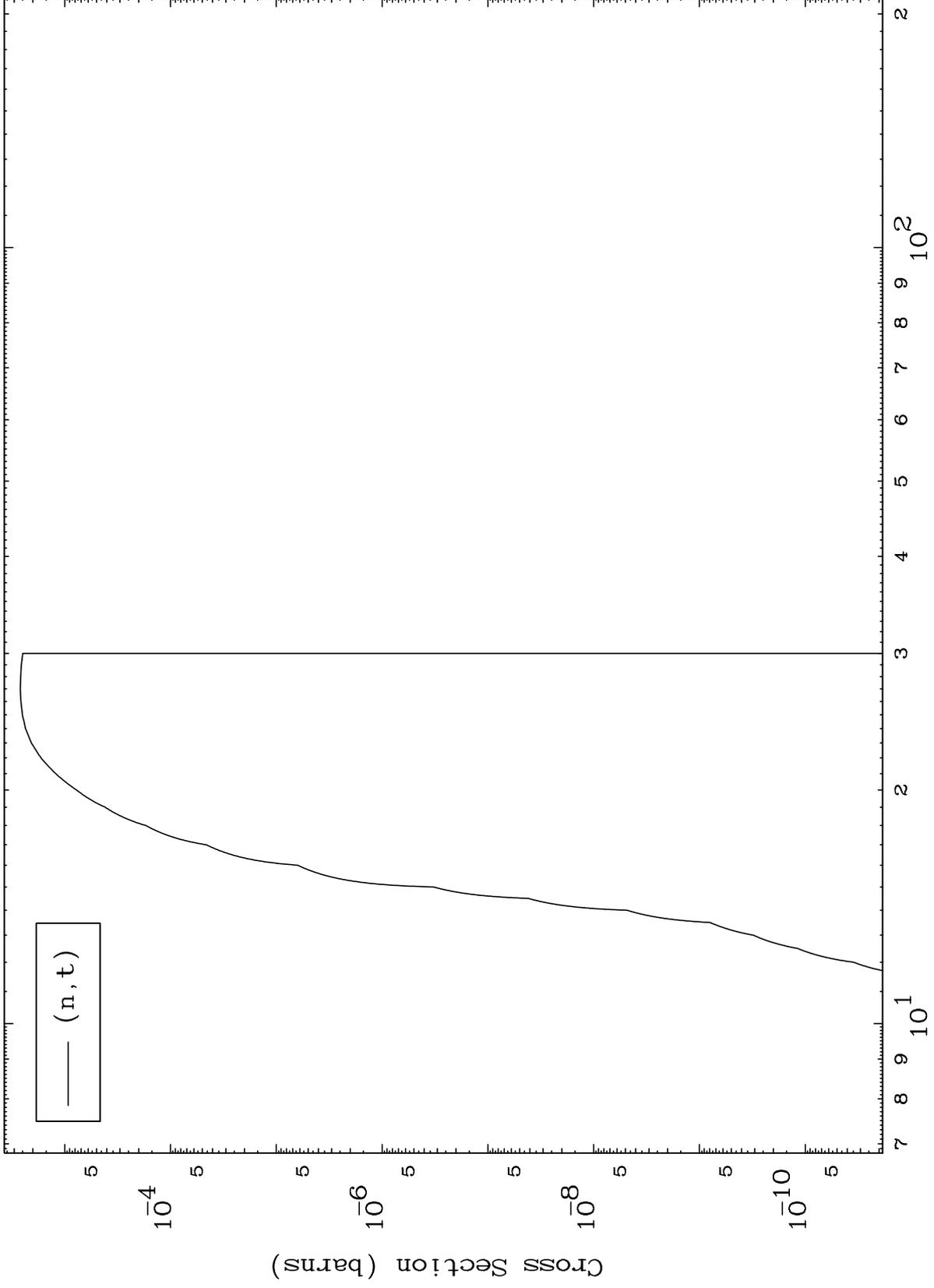
Incident Energy (MeV)

49-In-124m

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(n,t) Levels  
293 Kelvin Cross Sections

49-In-124m



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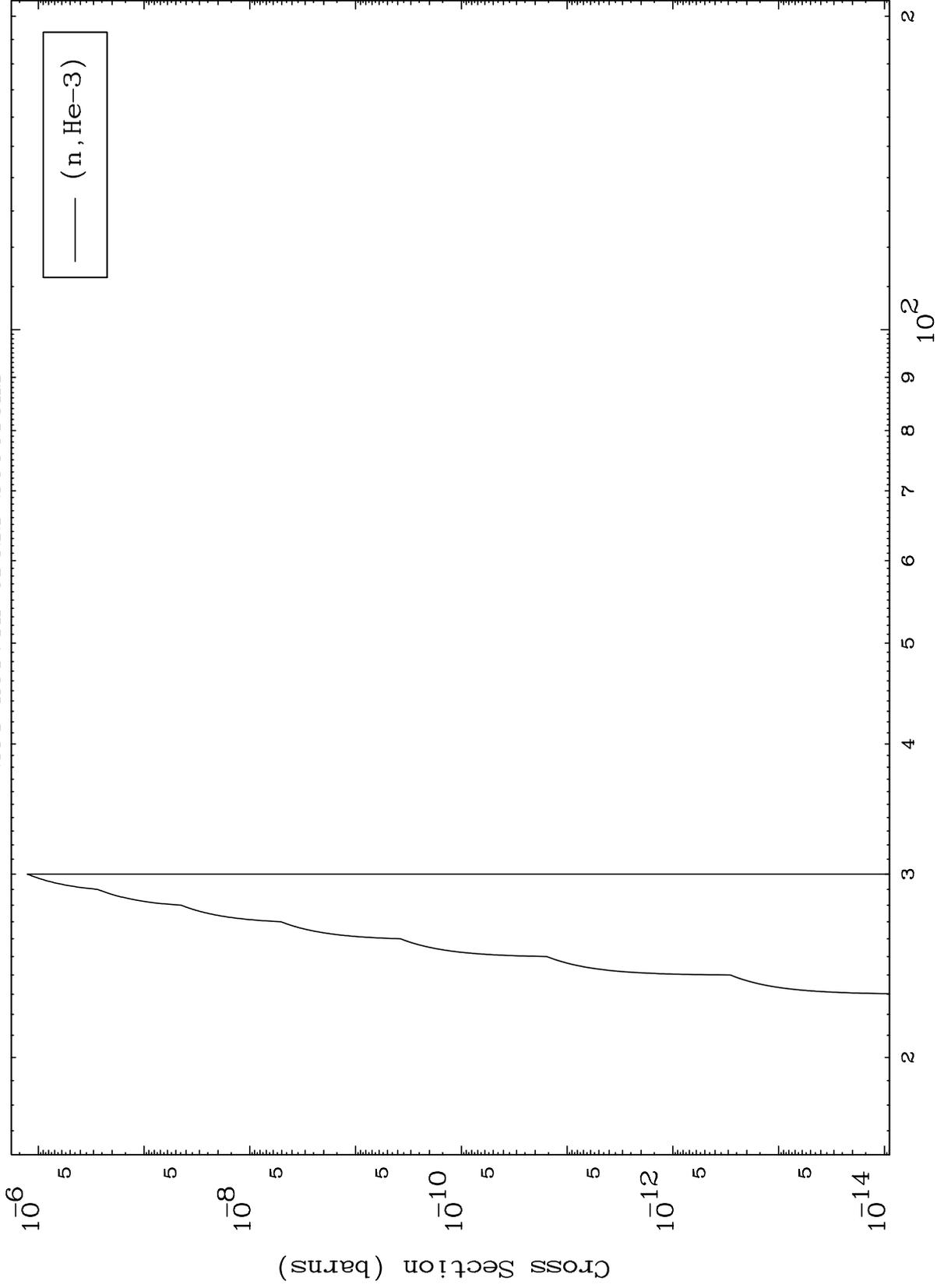
Incident Energy (MeV)

49-In-124m

MAT 4959

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-124m



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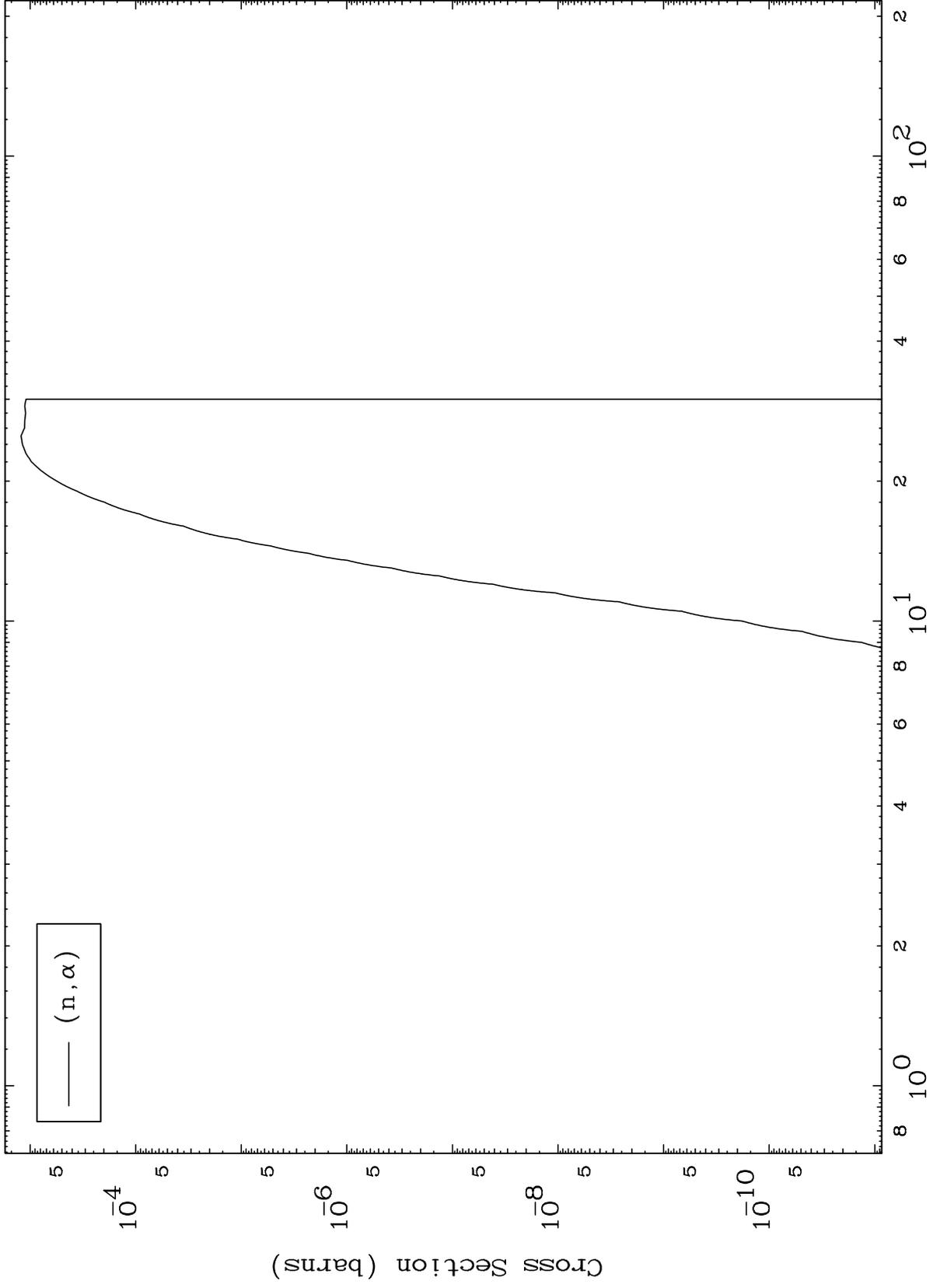
Incident Energy (MeV)

49-In-124m

MAT 4959

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

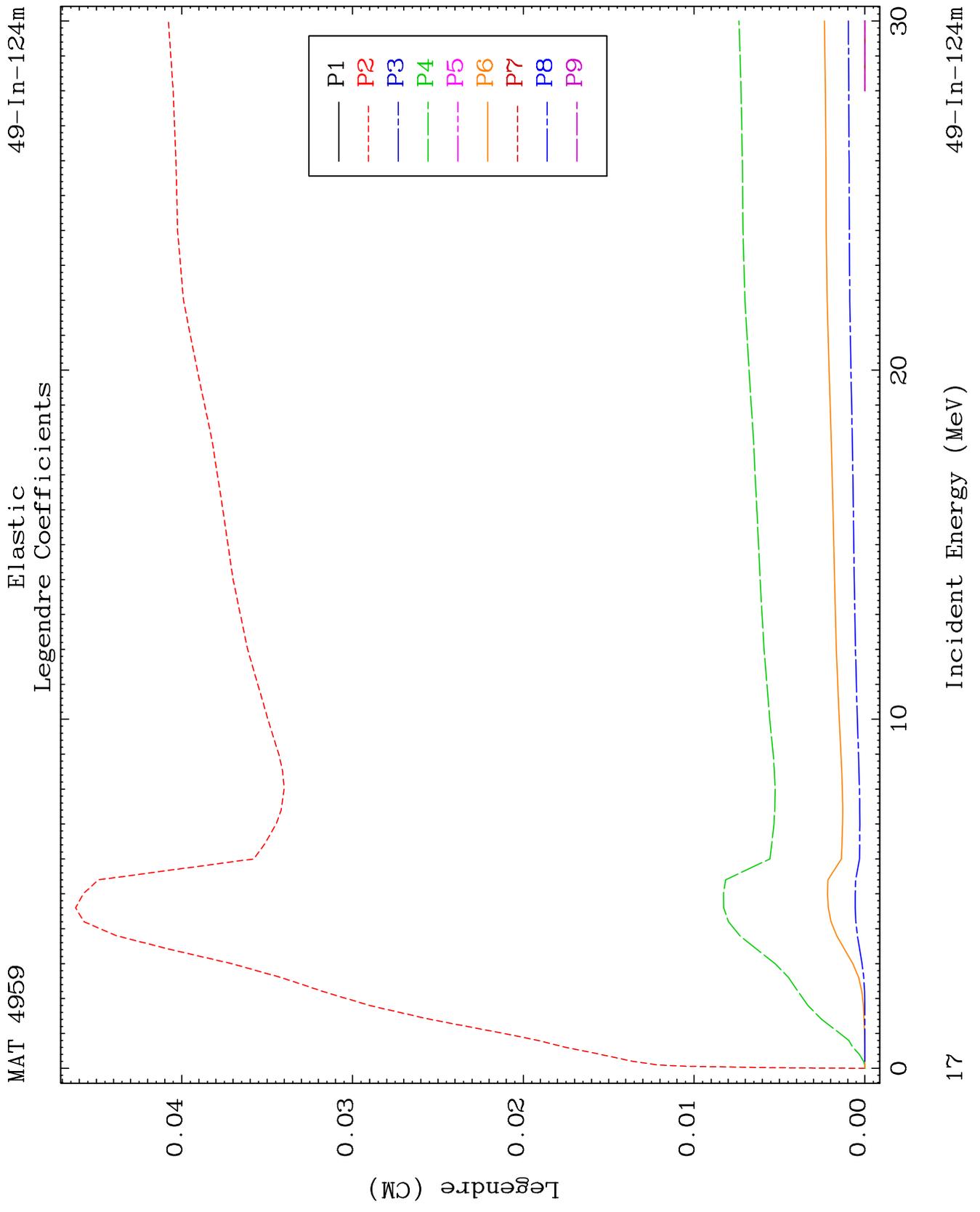
49-In-124m



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Incident Energy (MeV)

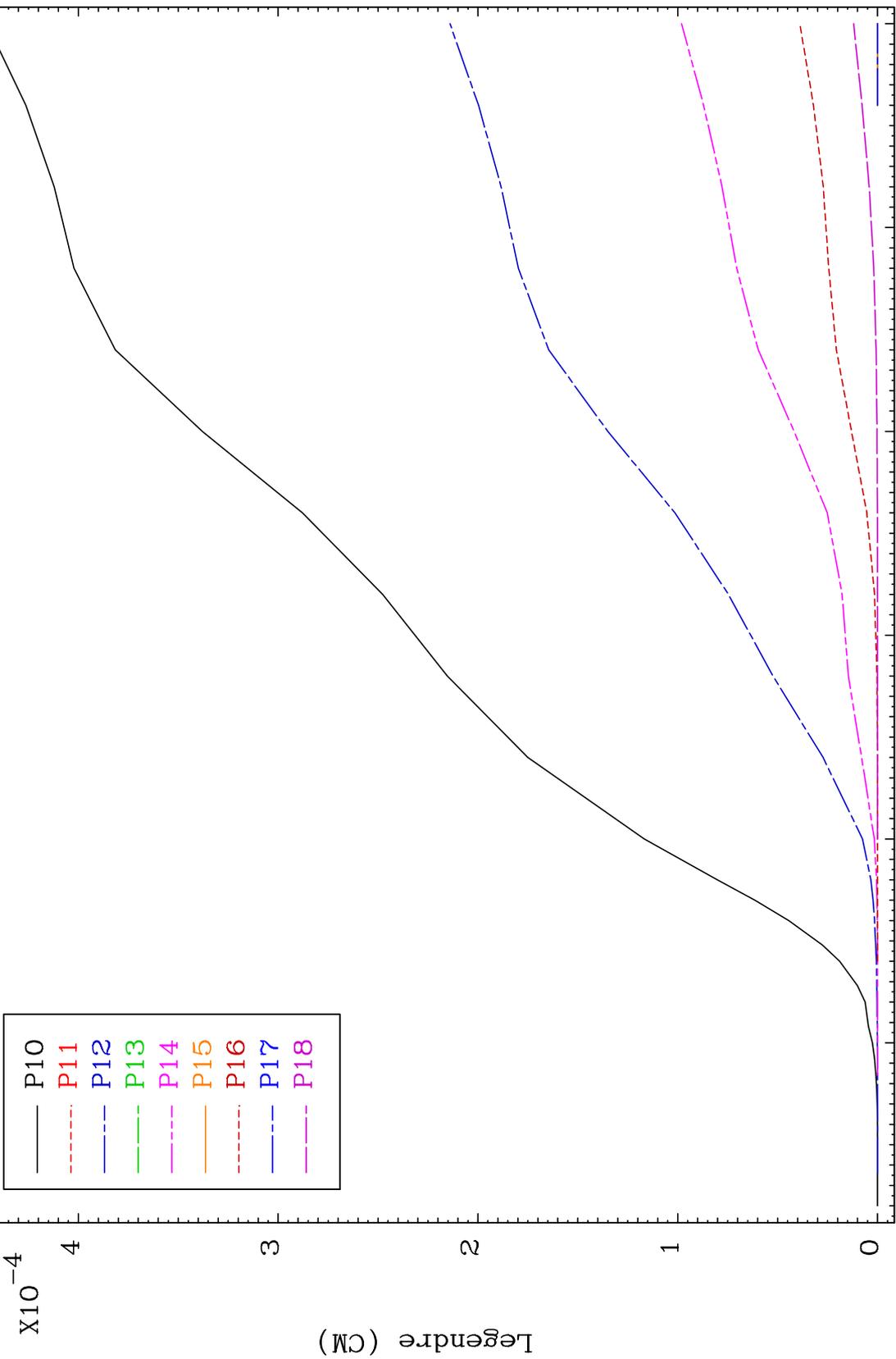
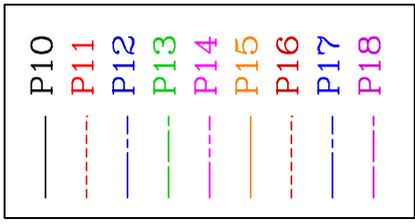
49-In-124m



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Elastic Legendre Coefficients

49-In-124m



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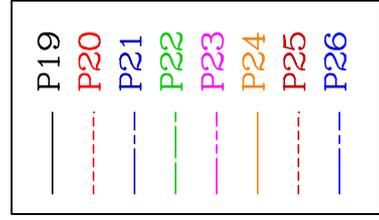
Incident Energy (MeV)

49-In-124m

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Elastic  
Legendre Coefficients

49-In-124m



$\times 10^{-7}$

Legendre (CM)



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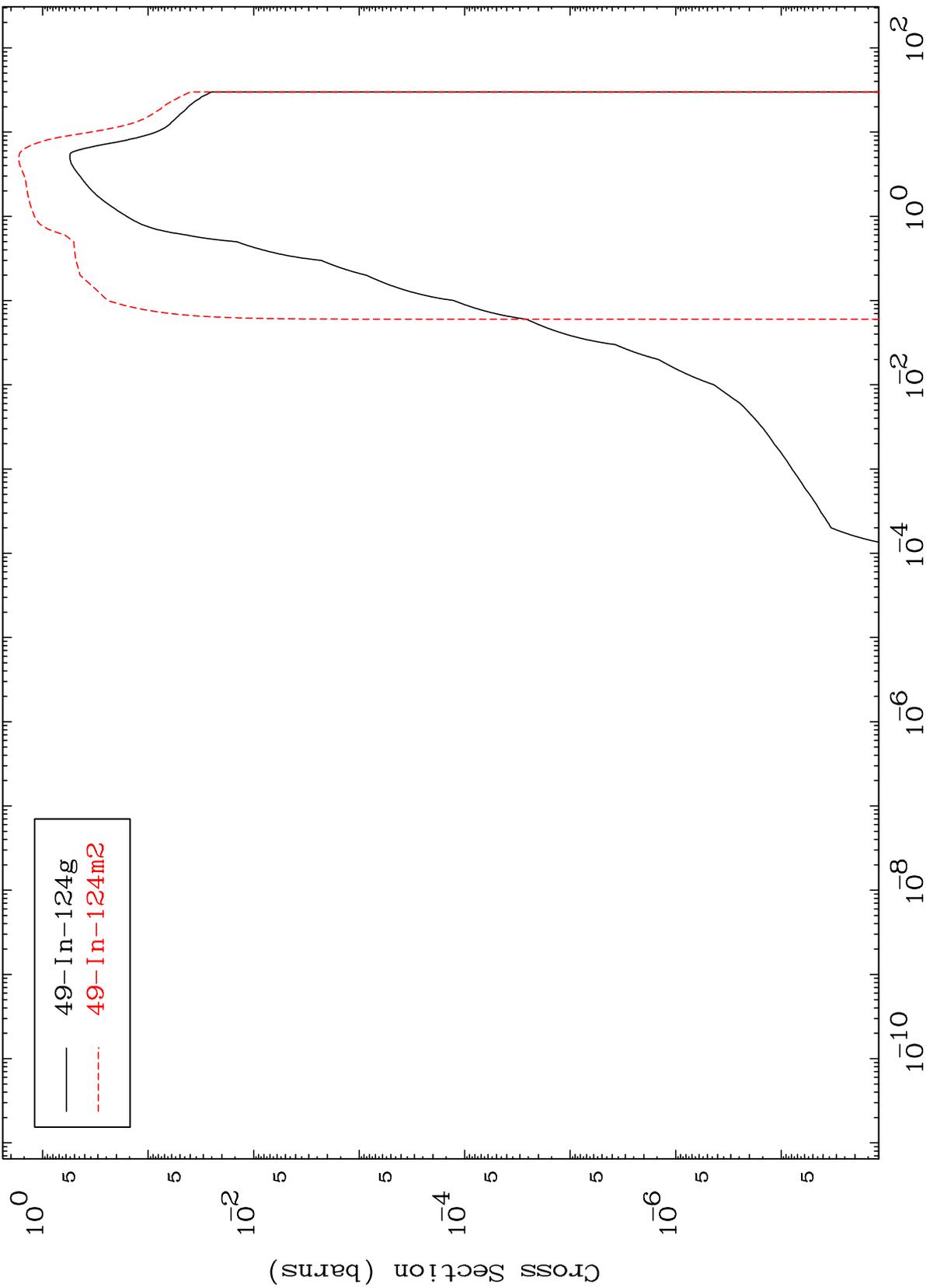
Incident Energy (MeV)

49-In-124m

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49-In-124m

Inelastic  
Radionuclide Production Cross Section



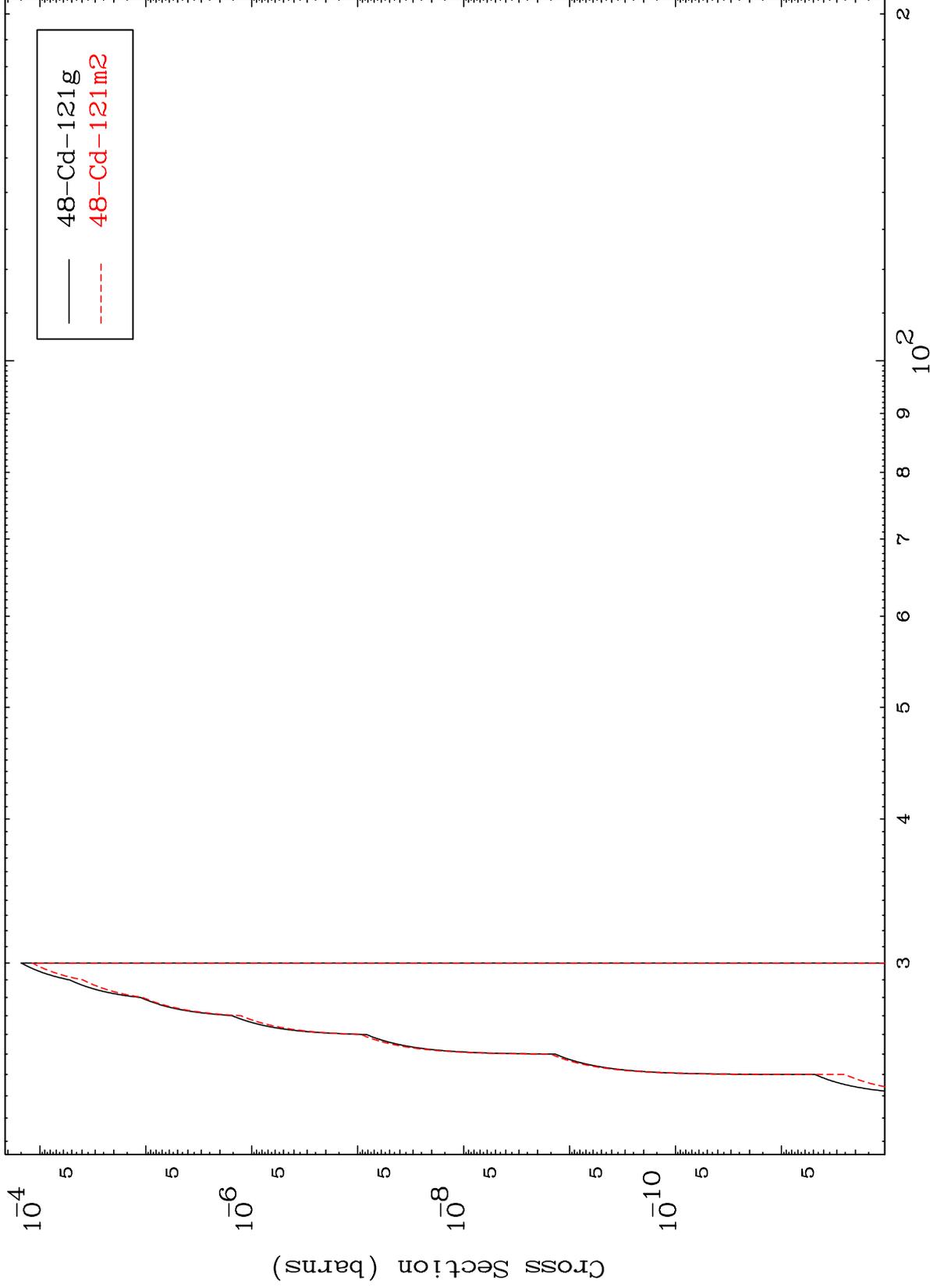
— 49-In-124g  
- - - 49-In-124m2

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(n,2n) d

49-In-124m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

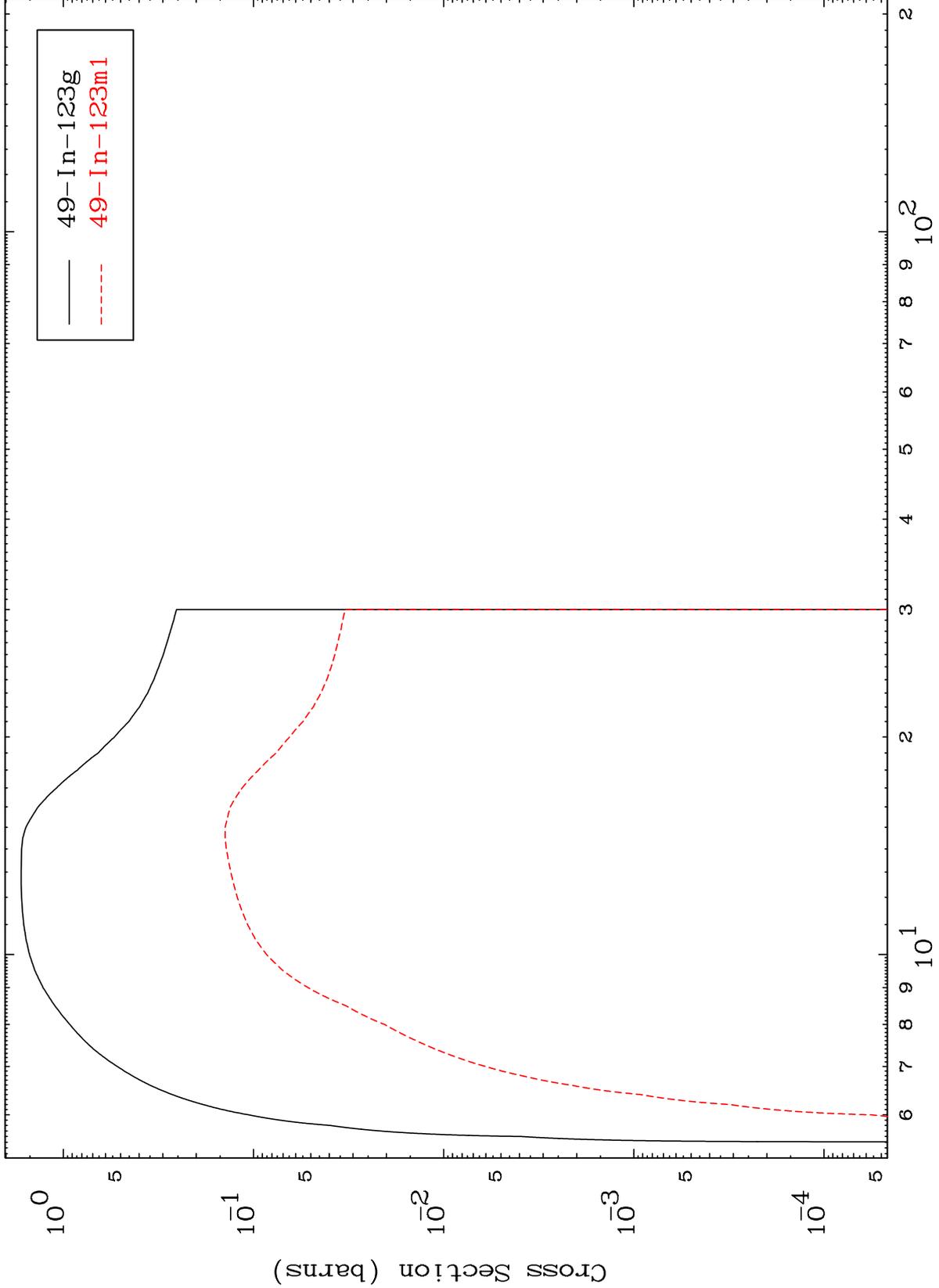
49-In-124m

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(n,2n)

49-In-124m

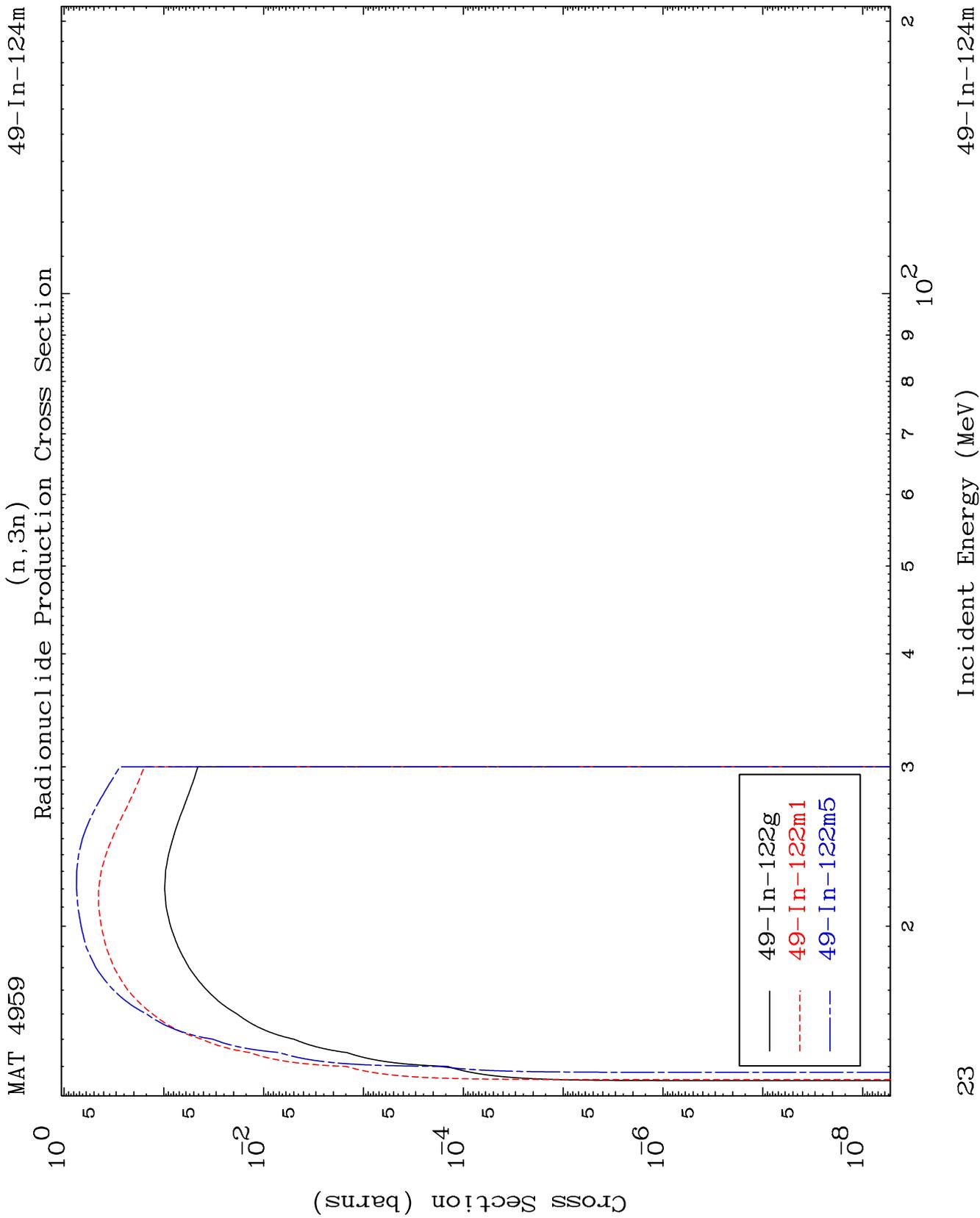
Radionuclide Production Cross Section



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Incident Energy (MeV)

49-In-124m

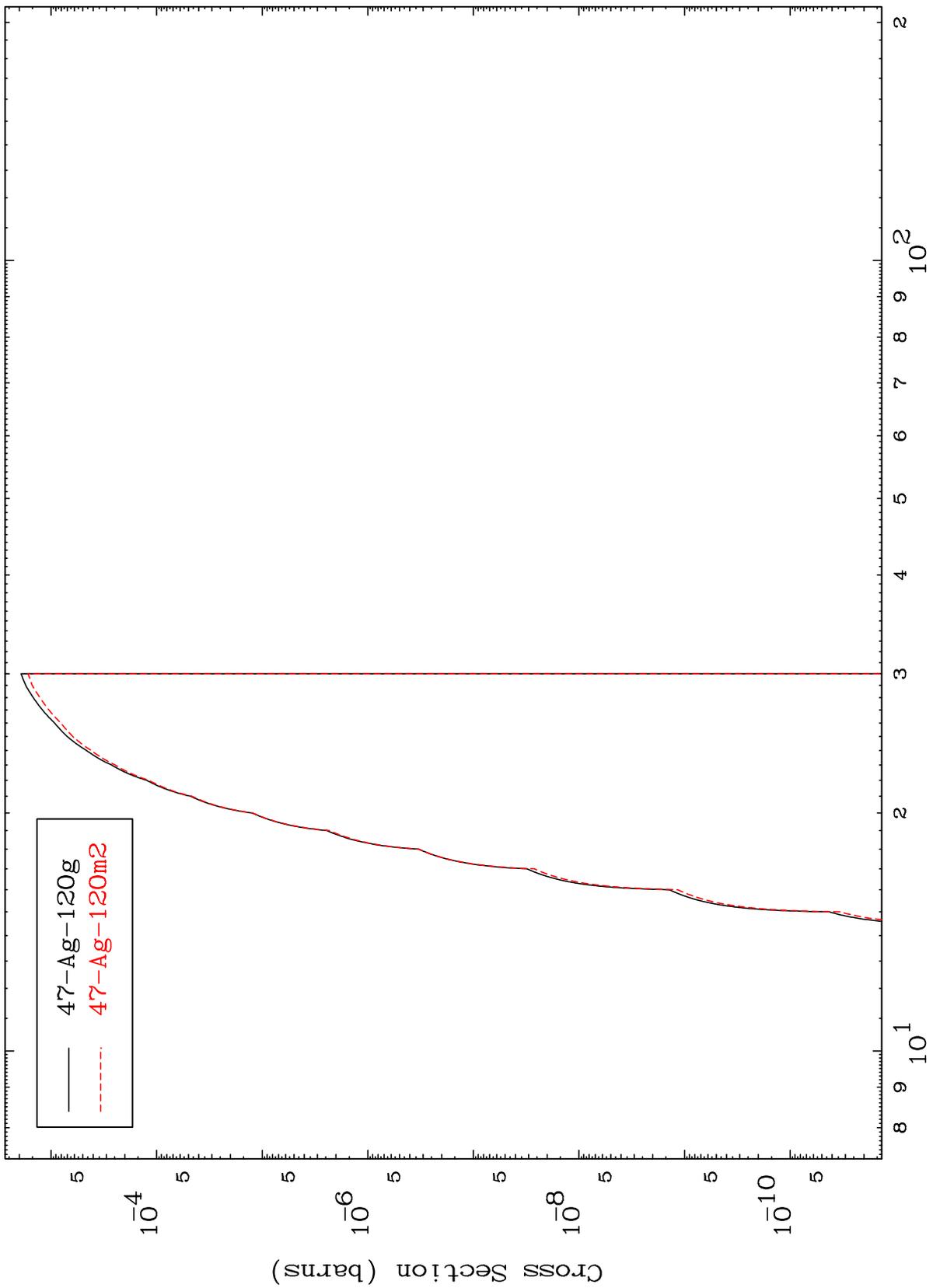


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(n,n')  $\alpha$

49-In-124m

Radionuclide Production Cross Section

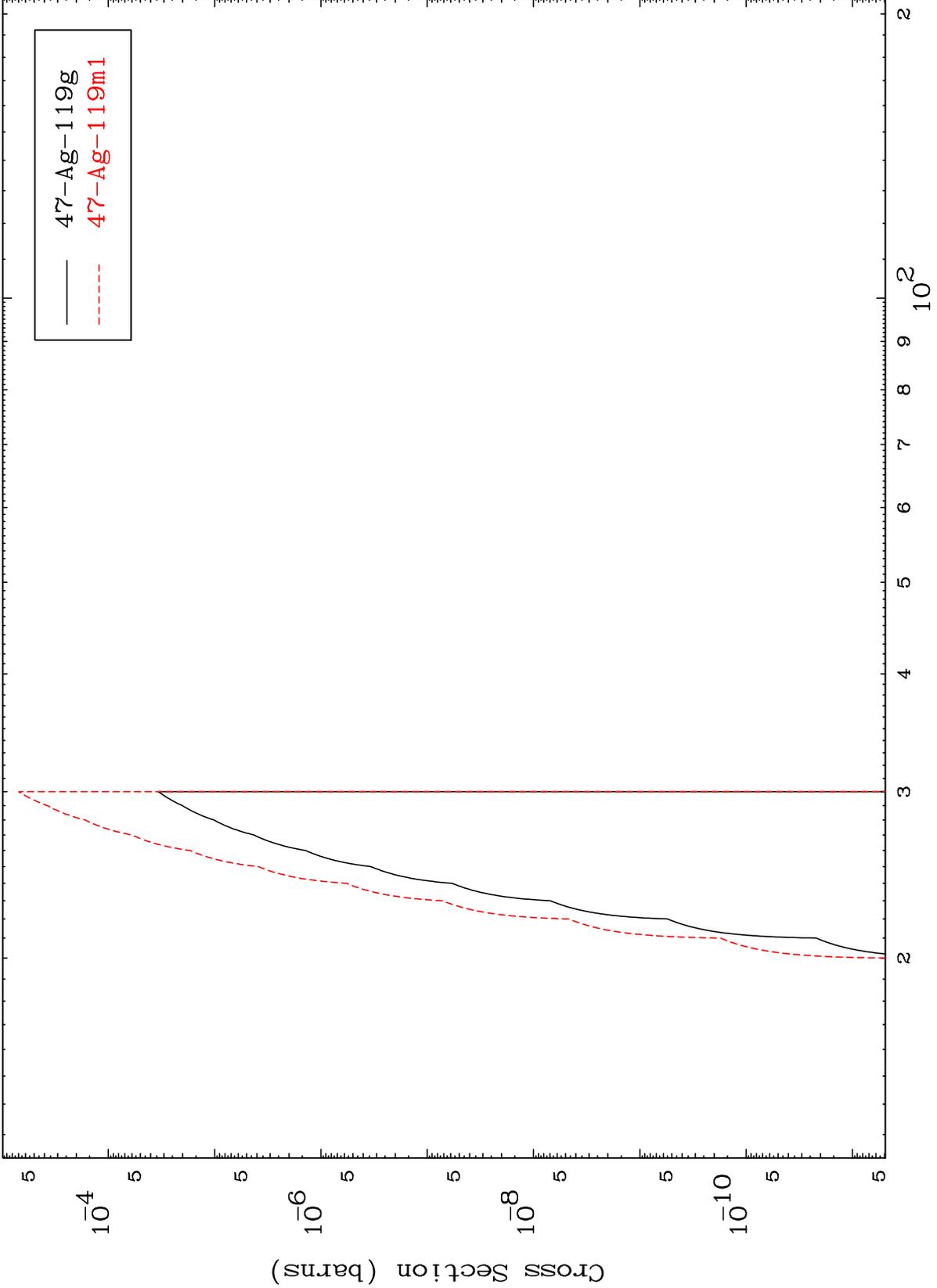


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Incident Energy (MeV)

49-In-124m

Radionuclide Production Cross Section

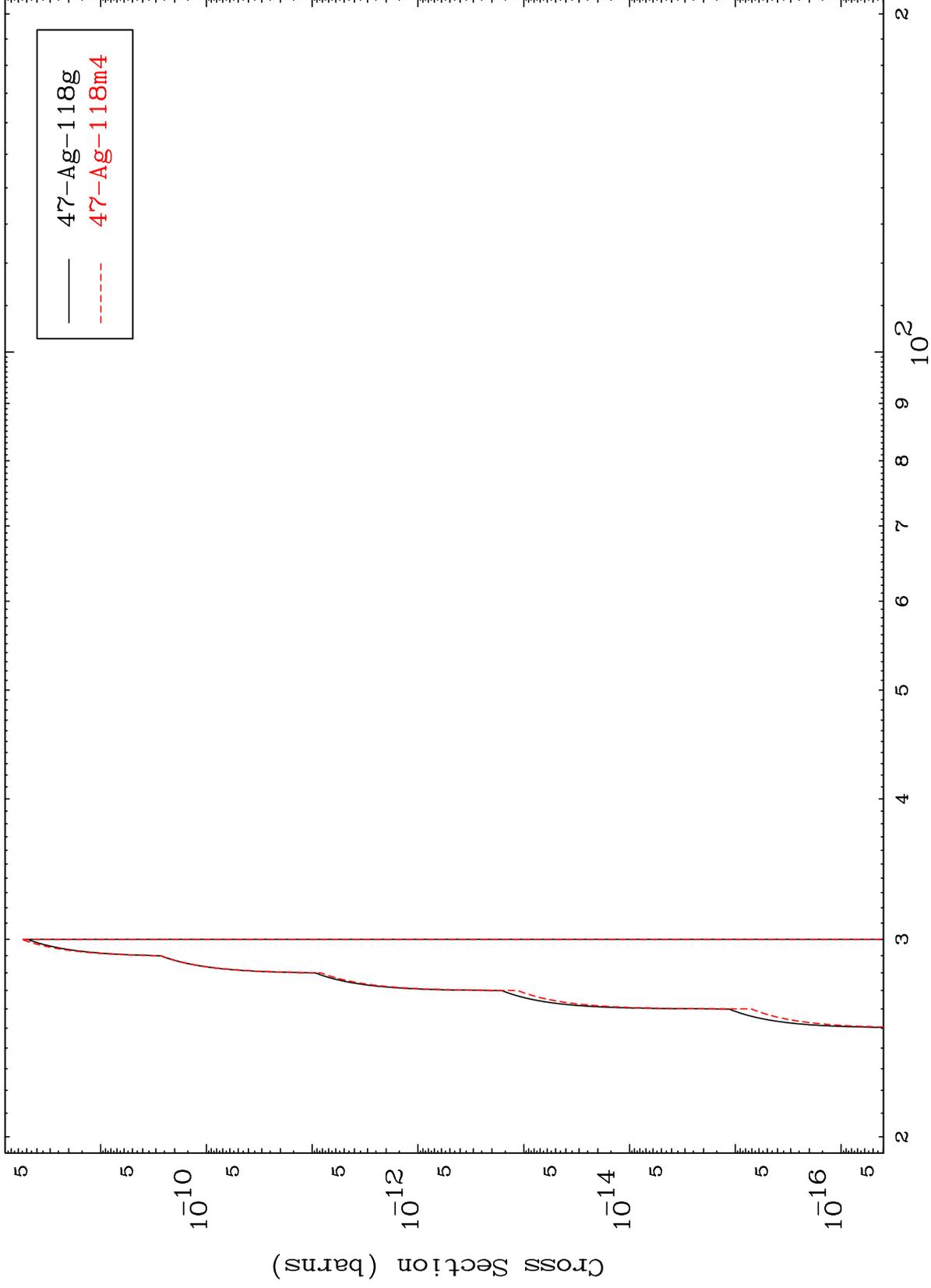


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(n,3n)  $\alpha$

49-In-124m

Radionuclide Production Cross Section

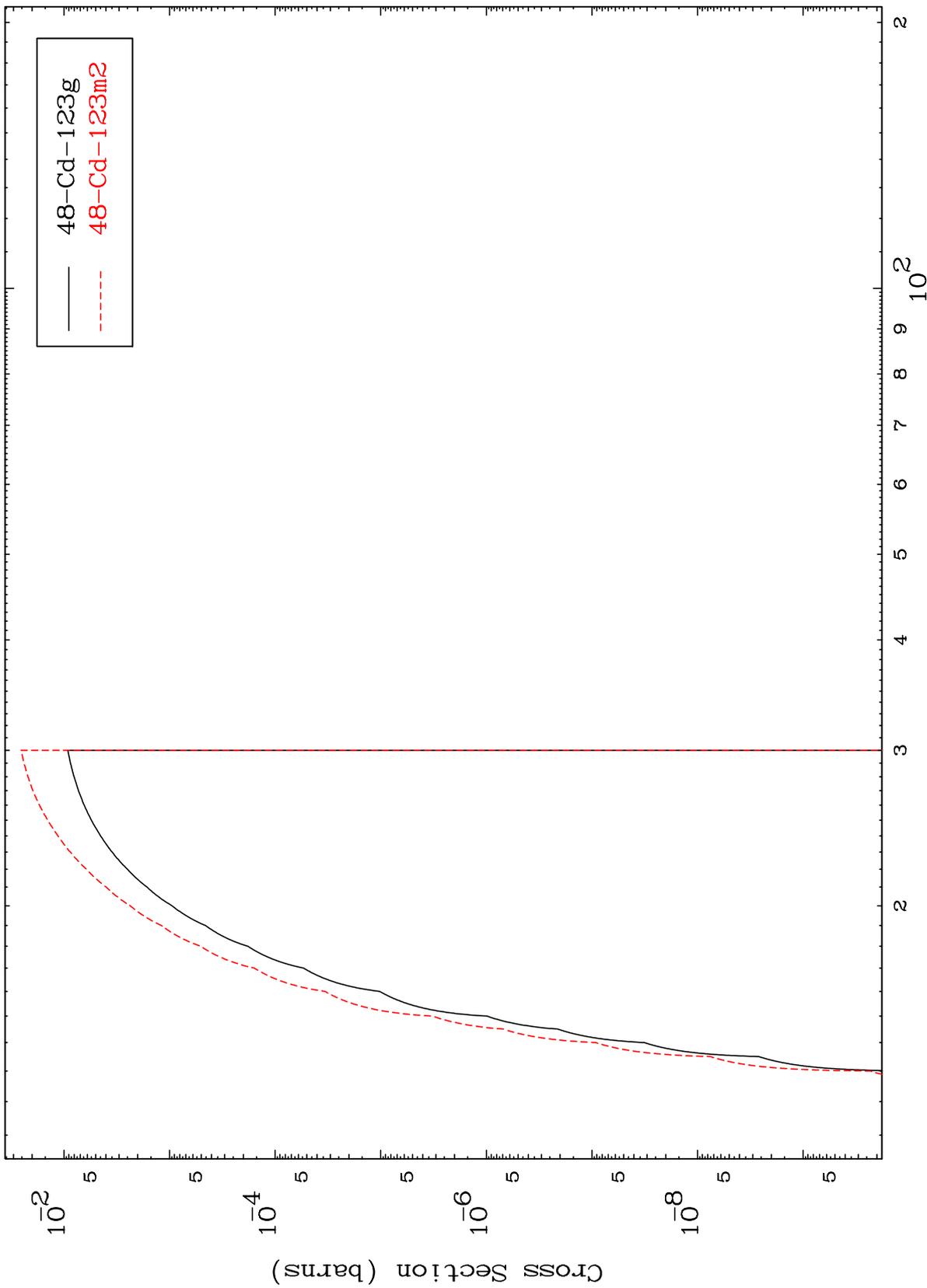


26

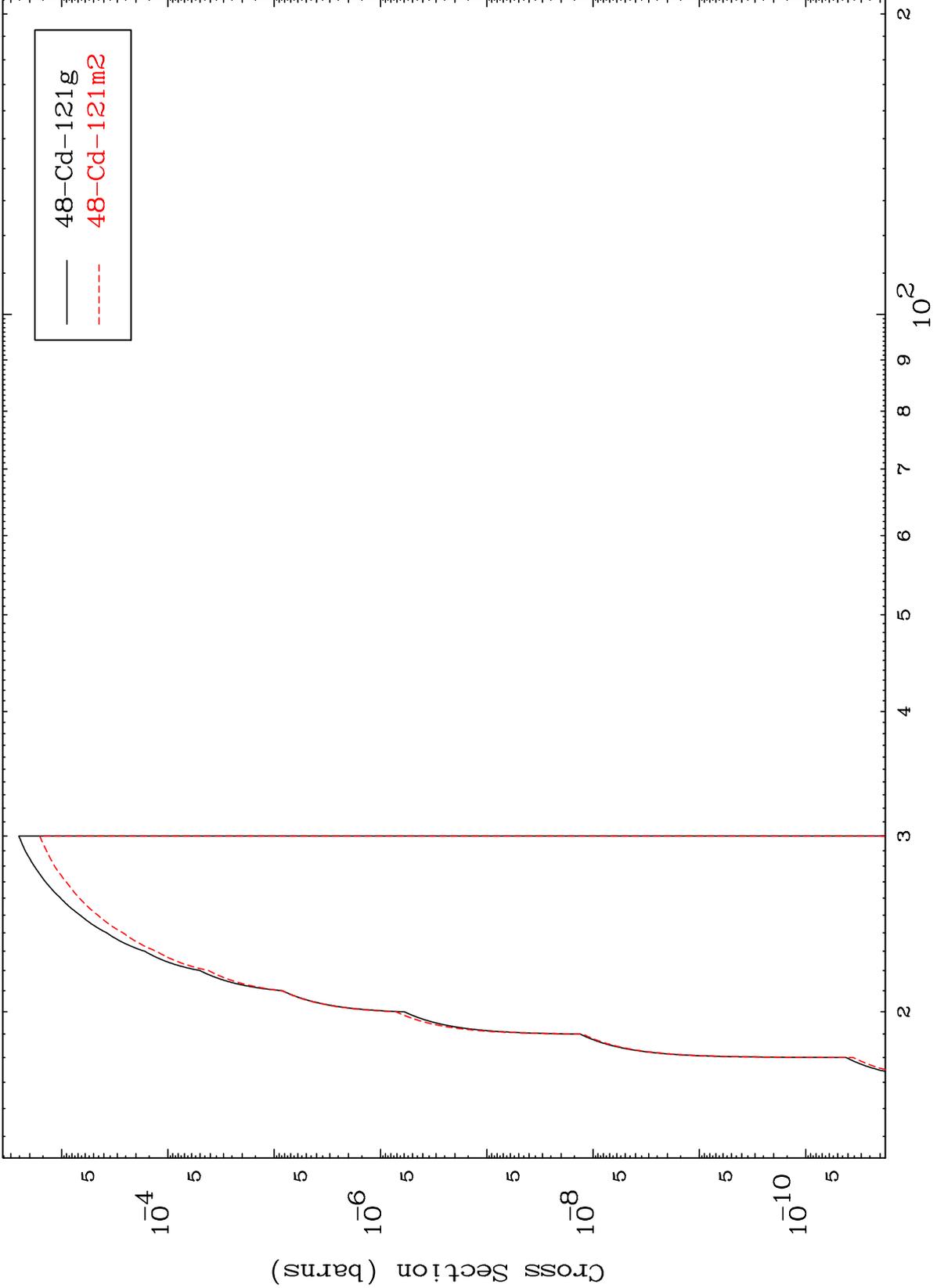
Incident Energy (MeV)

49-In-124m

Radionuclide Production Cross Section



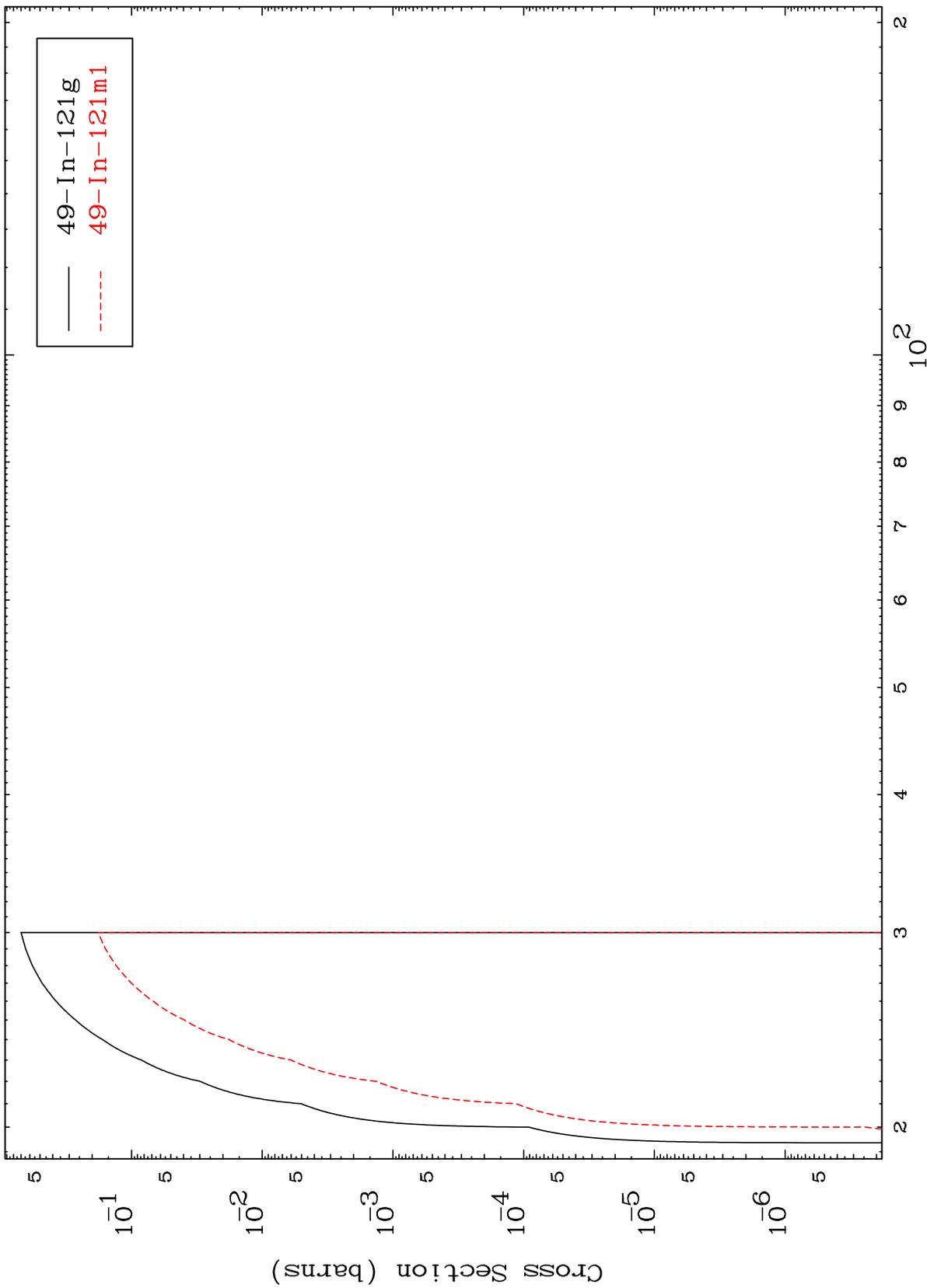
Radionuclide Production Cross Section



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49-In-124m

(n,4n)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

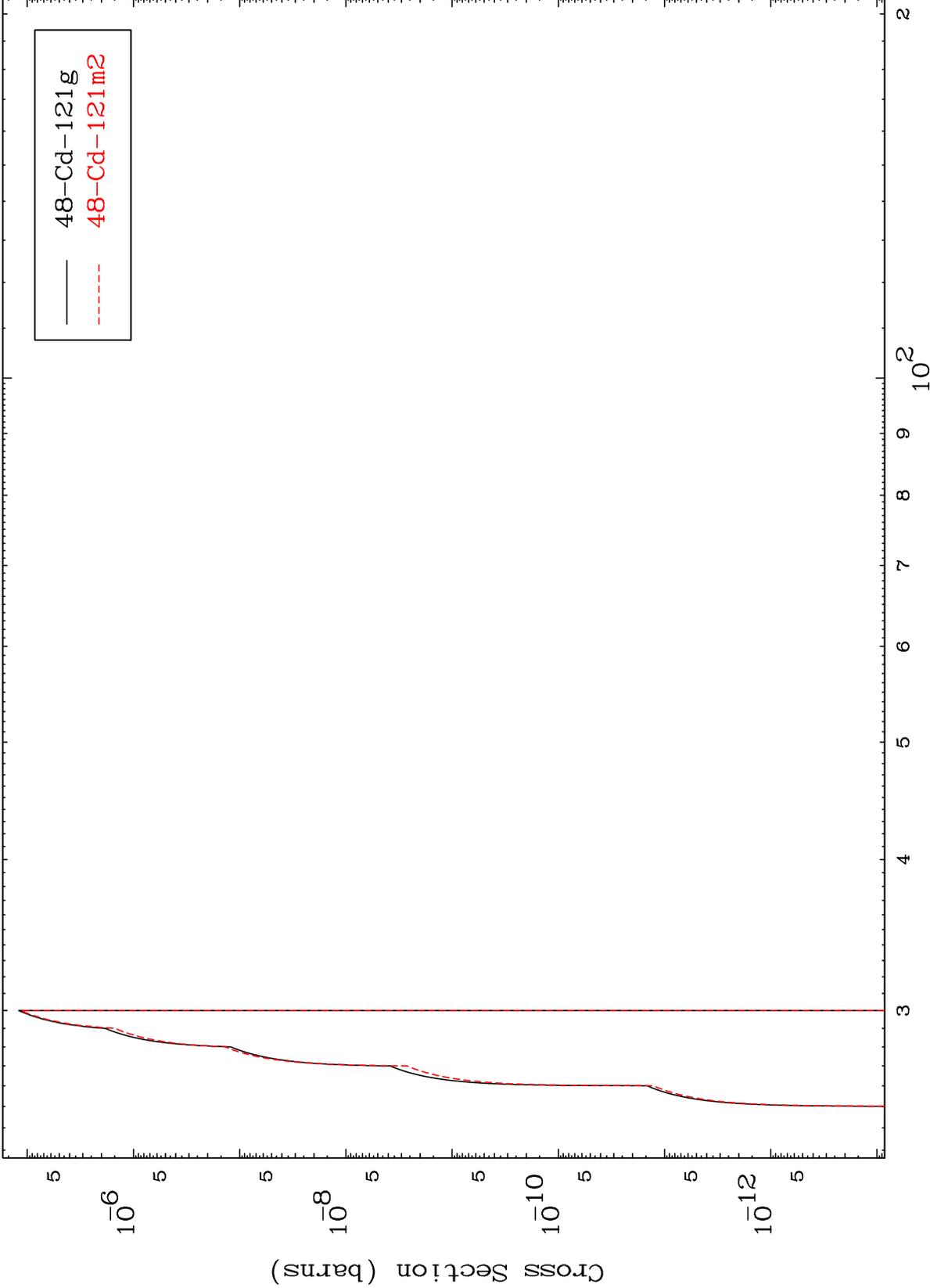
49-In-124m

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(n,3n) p

49-In-124m

Radionuclide Production Cross Section



30

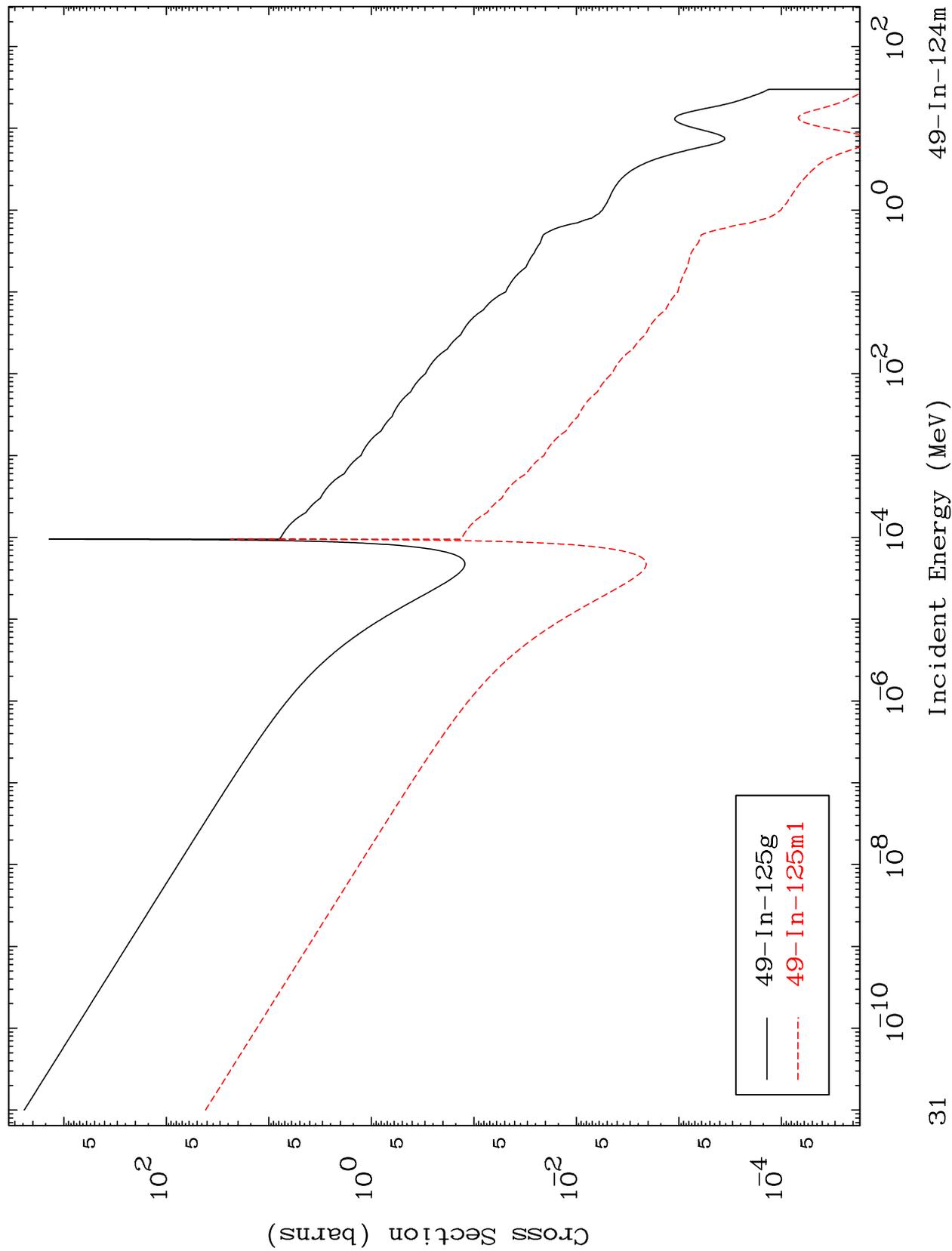
Incident Energy (MeV)

49-In-124m

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49-In-124m

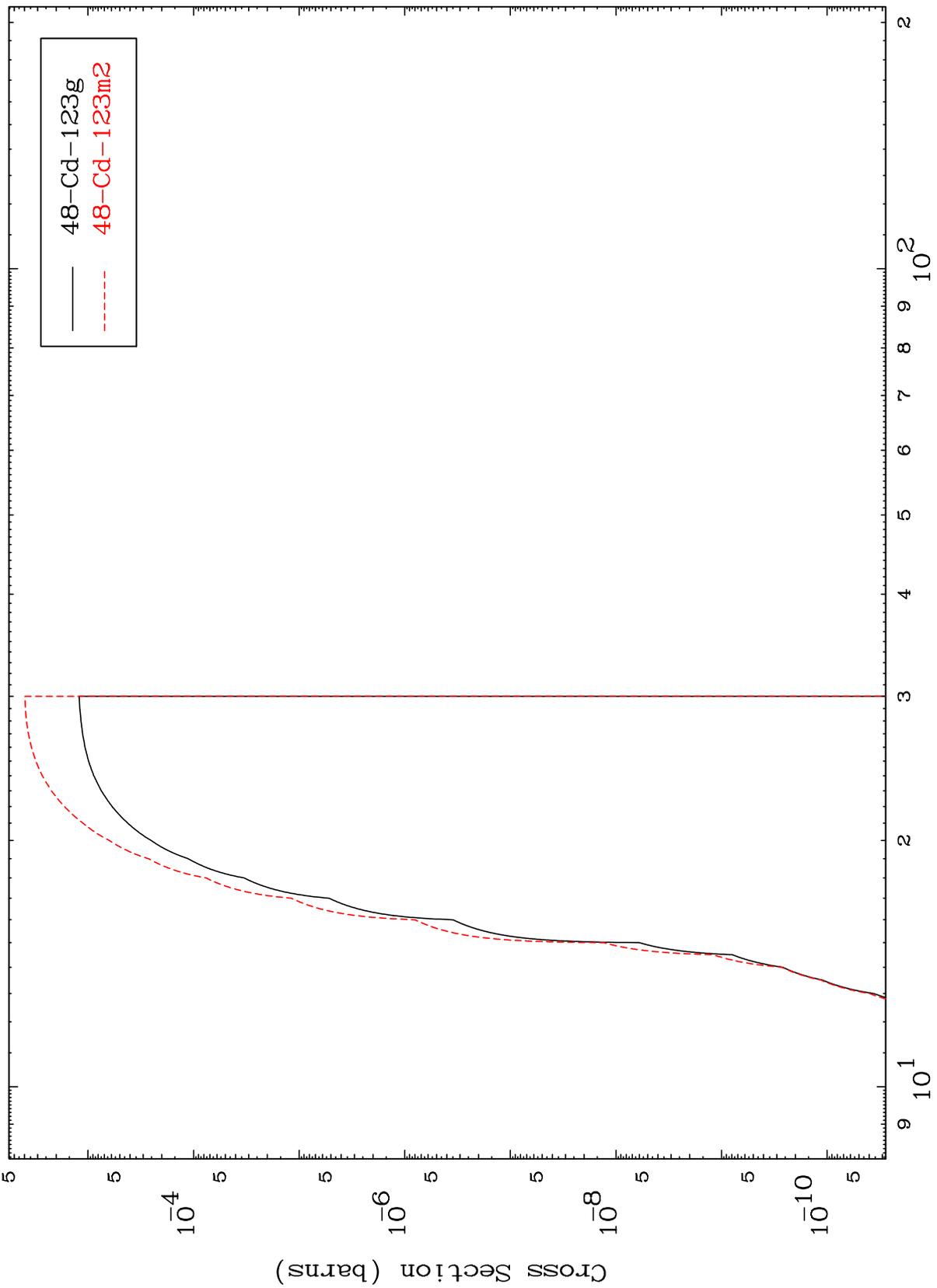
(n,  $\gamma$ )  
Radionuclide Production Cross Section



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49-In-124m

(n,d)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

49-In-124m

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(n,He-3)

49-In-124m

