

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

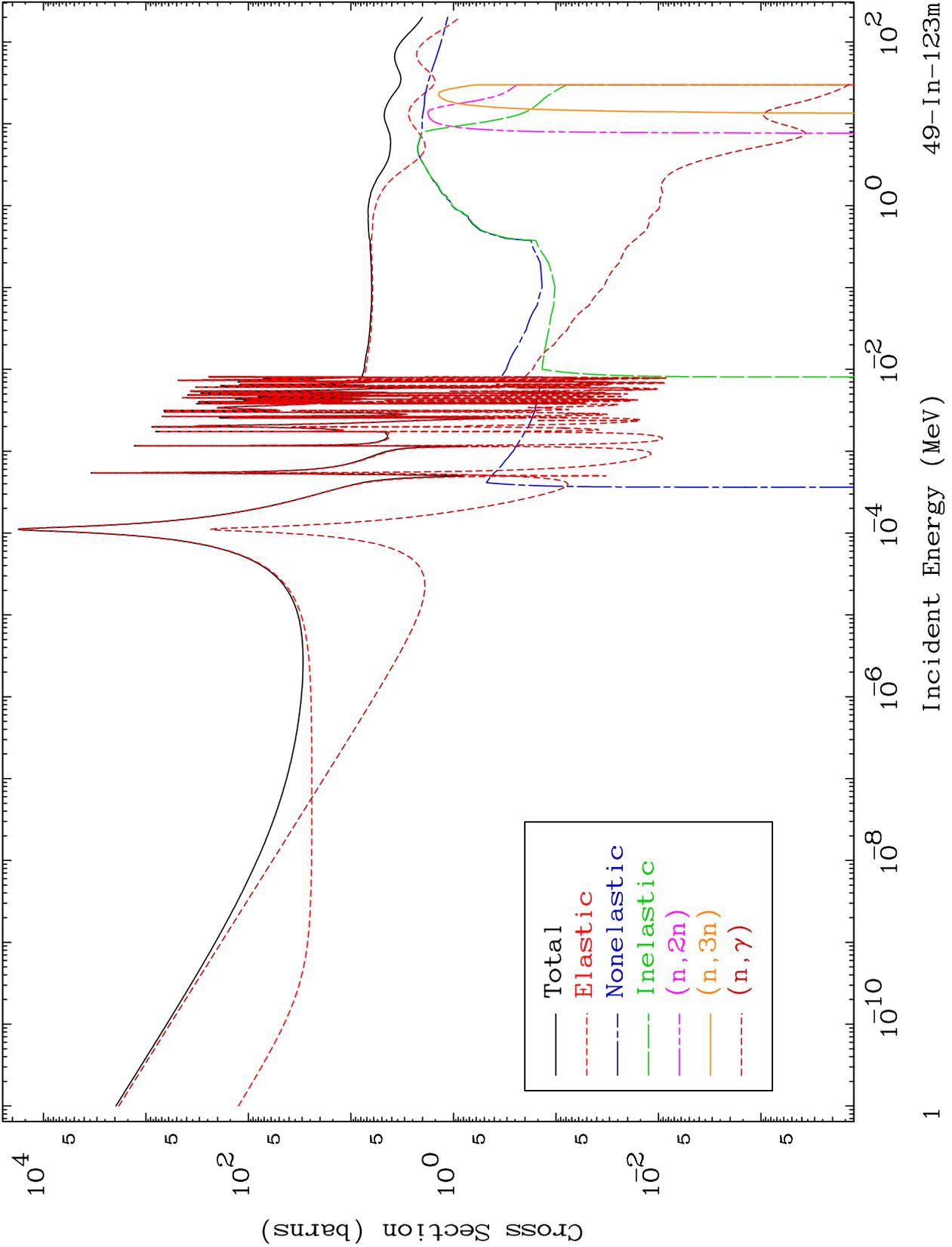
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Press Mouse Button to Start

MAT 4956

Neutron Major  
293 Kelvin Cross Sections

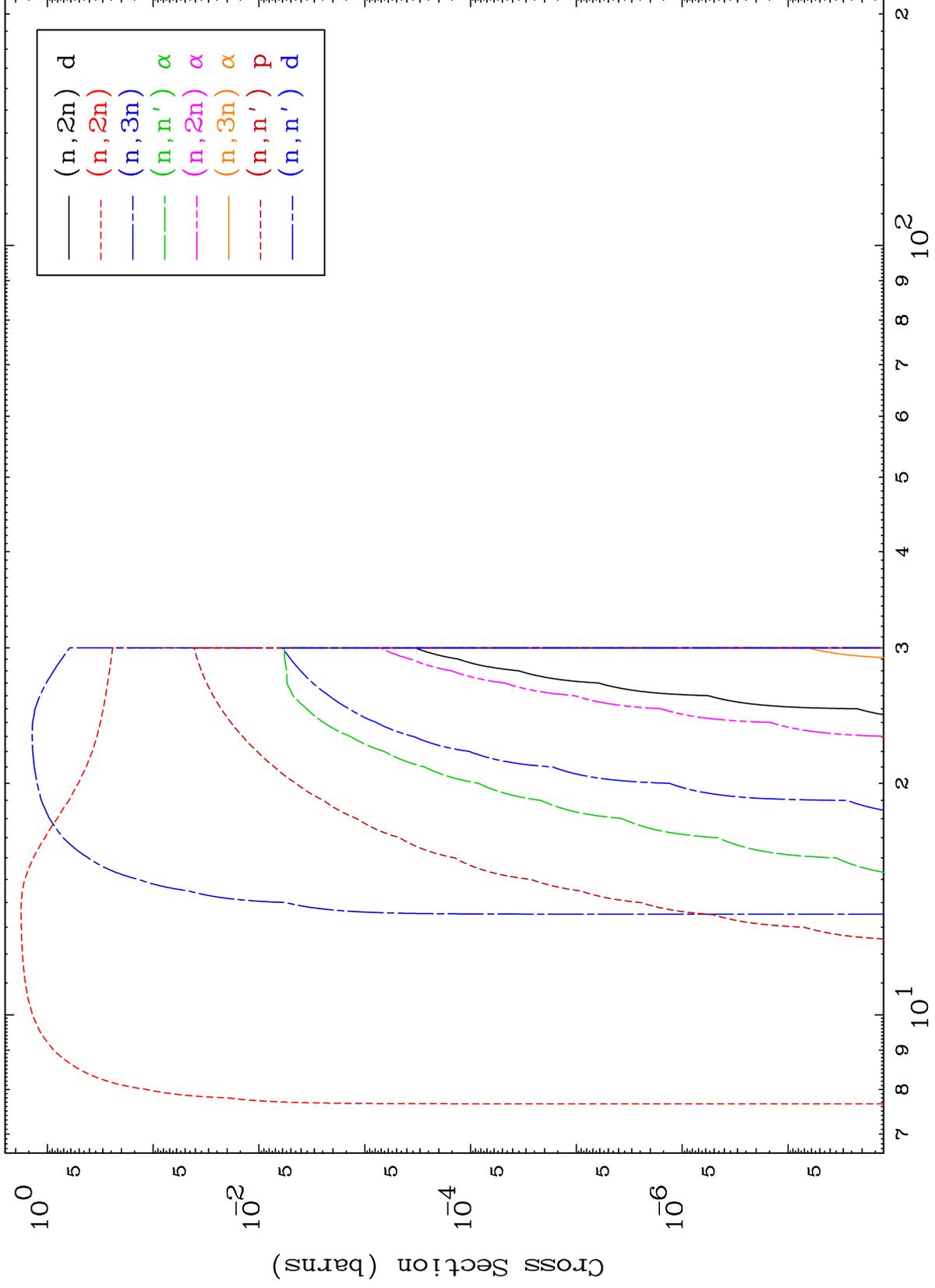
49-In-123m



MAT 4956

Neutron Absorption  
293 Kelvin Cross Sections

49-In-123m



2

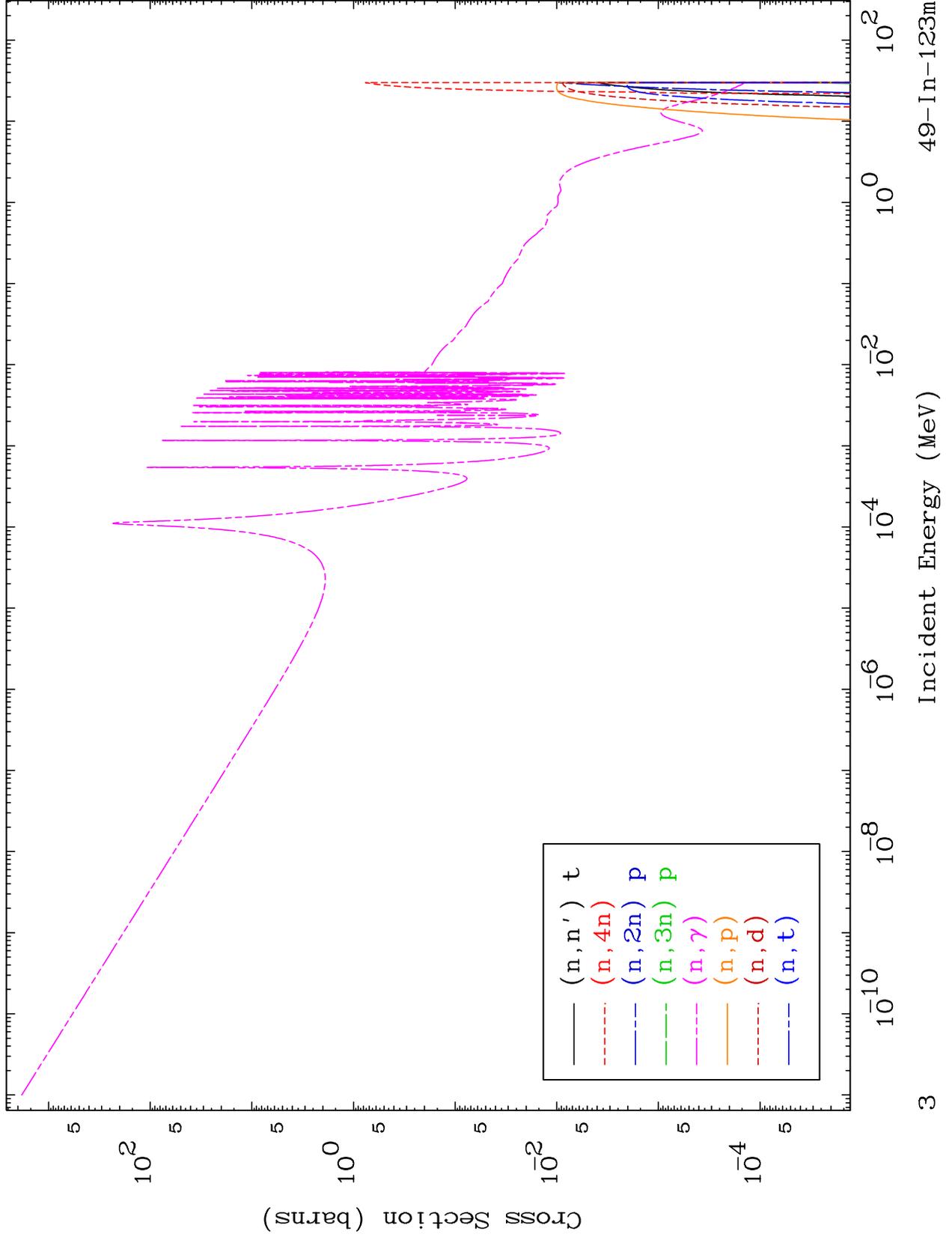
Incident Energy (MeV)

49-In-123m

MAT 4956

Neutron Absorption  
293 Kelvin Cross Sections

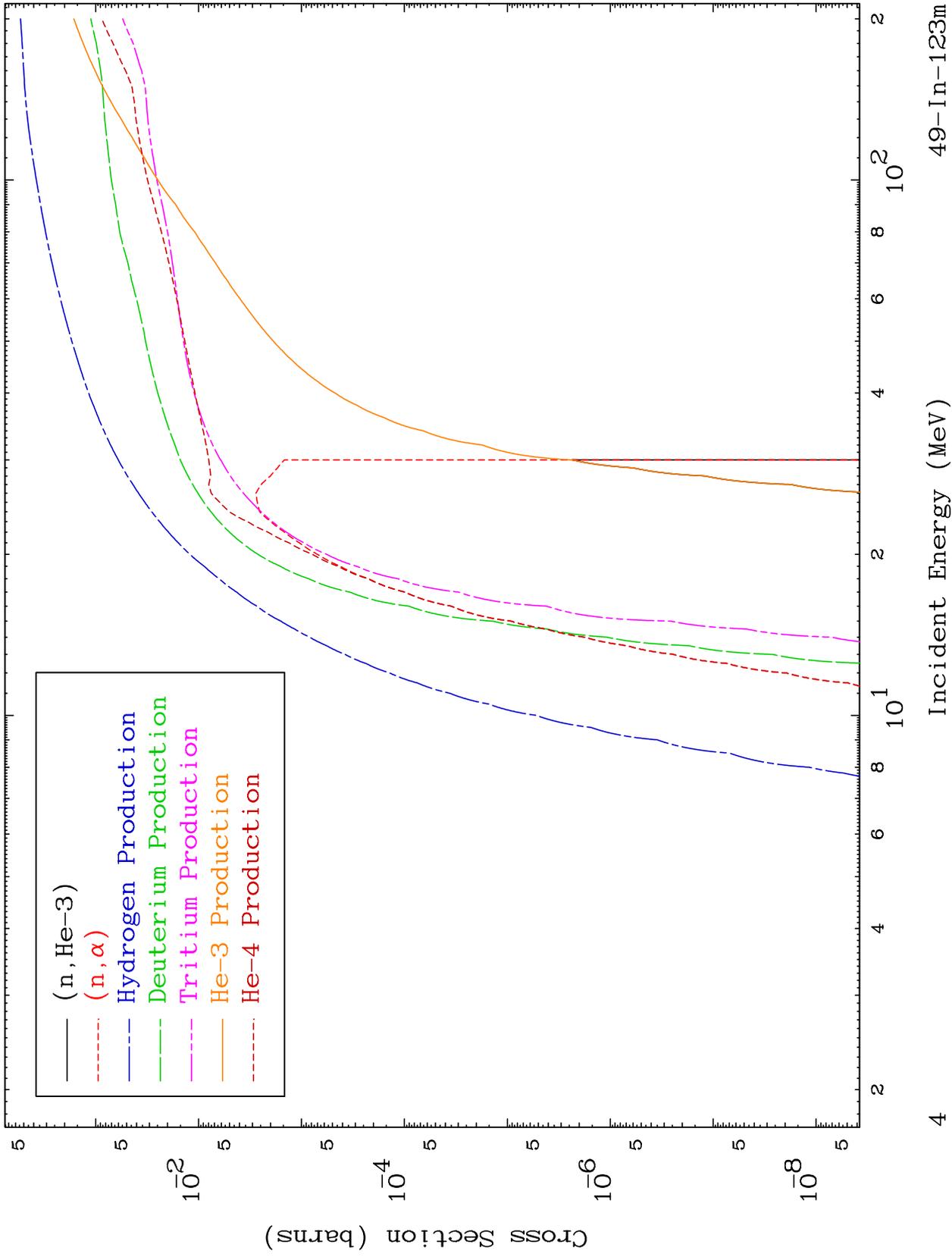
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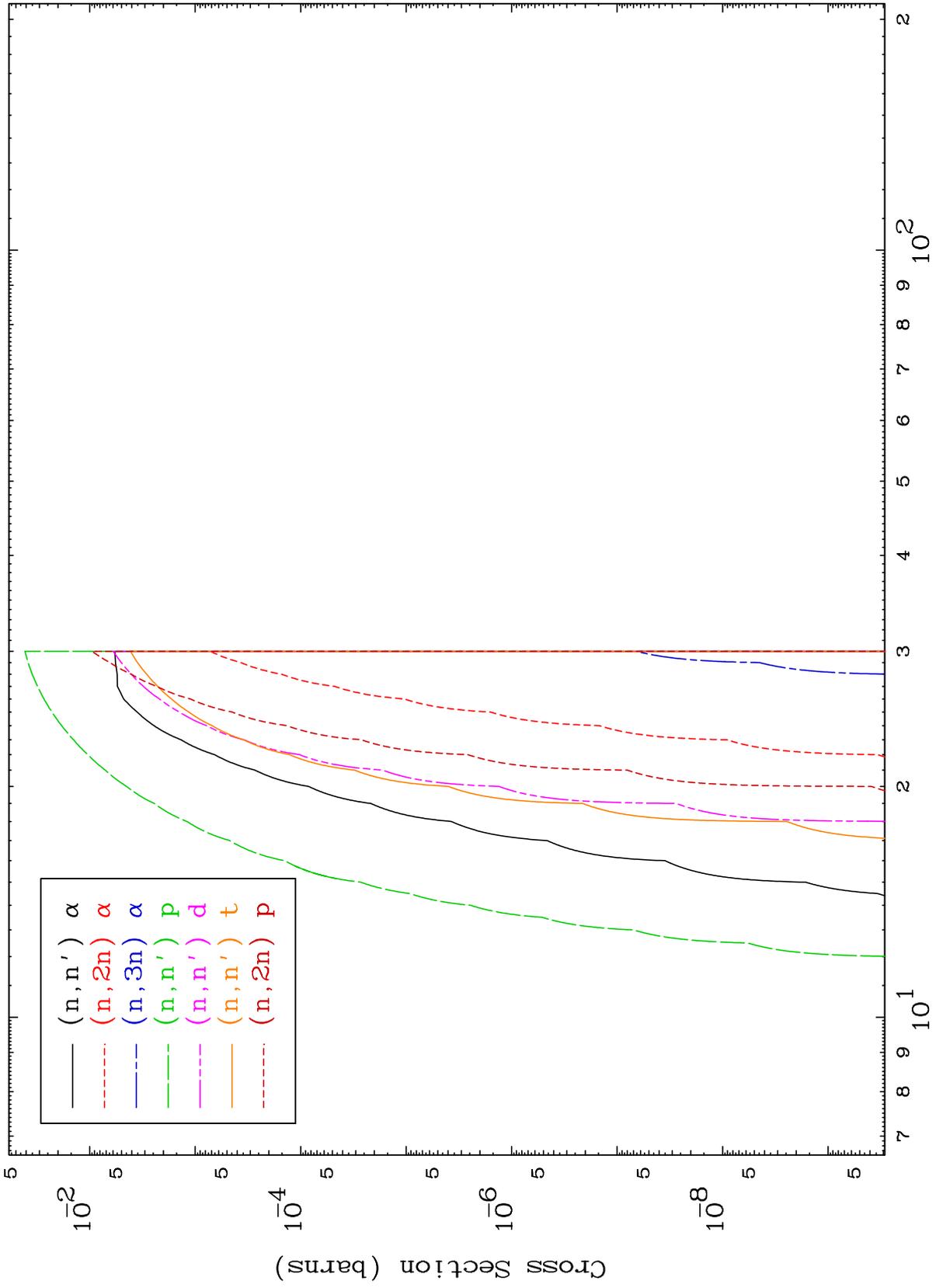


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Neutron Absorption  
293 Kelvin Cross Sections

49-In-123m

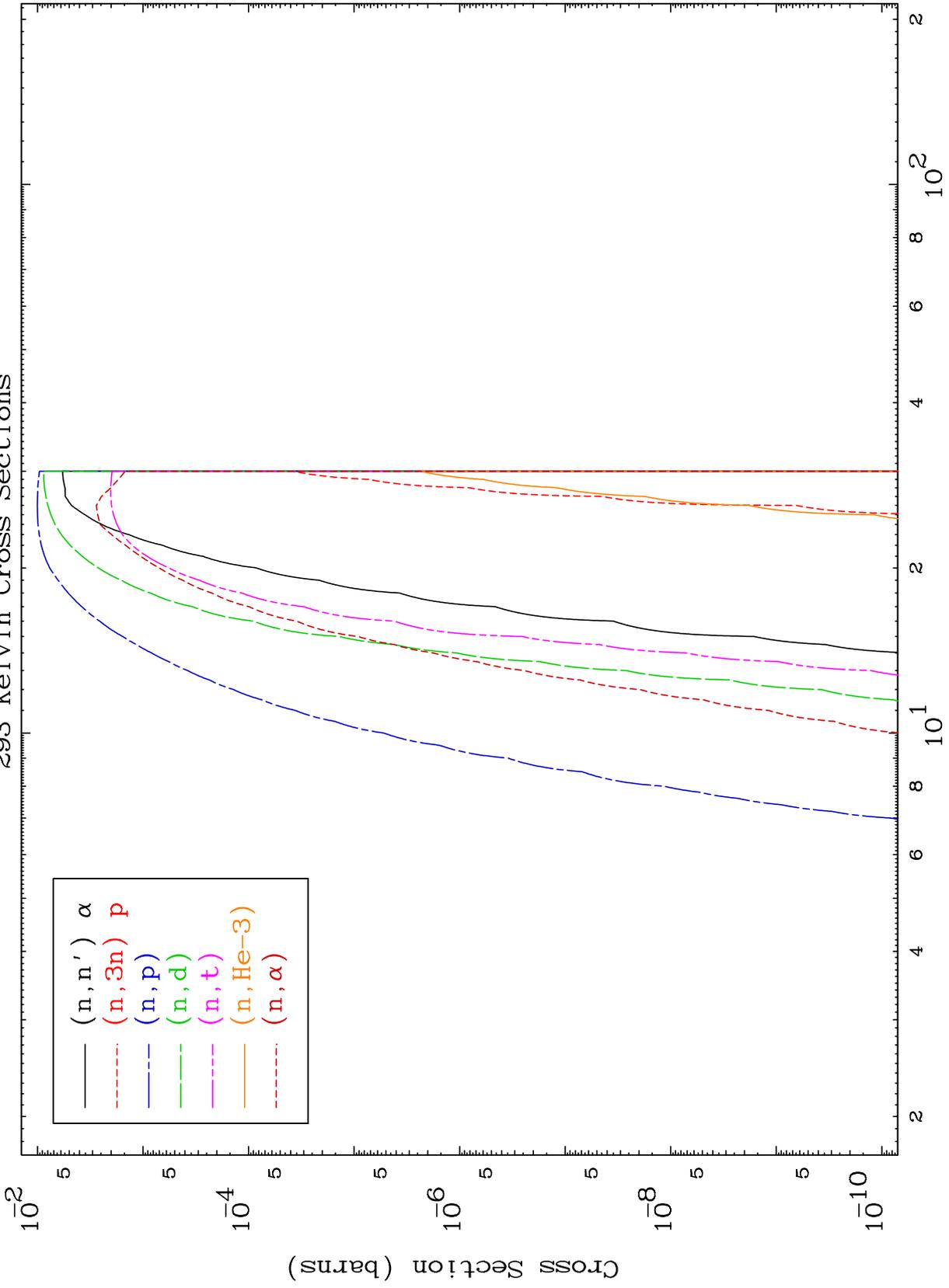




MAT 4956

Charged Particle  
293 Kelvin Cross Sections

49-In-123m



6

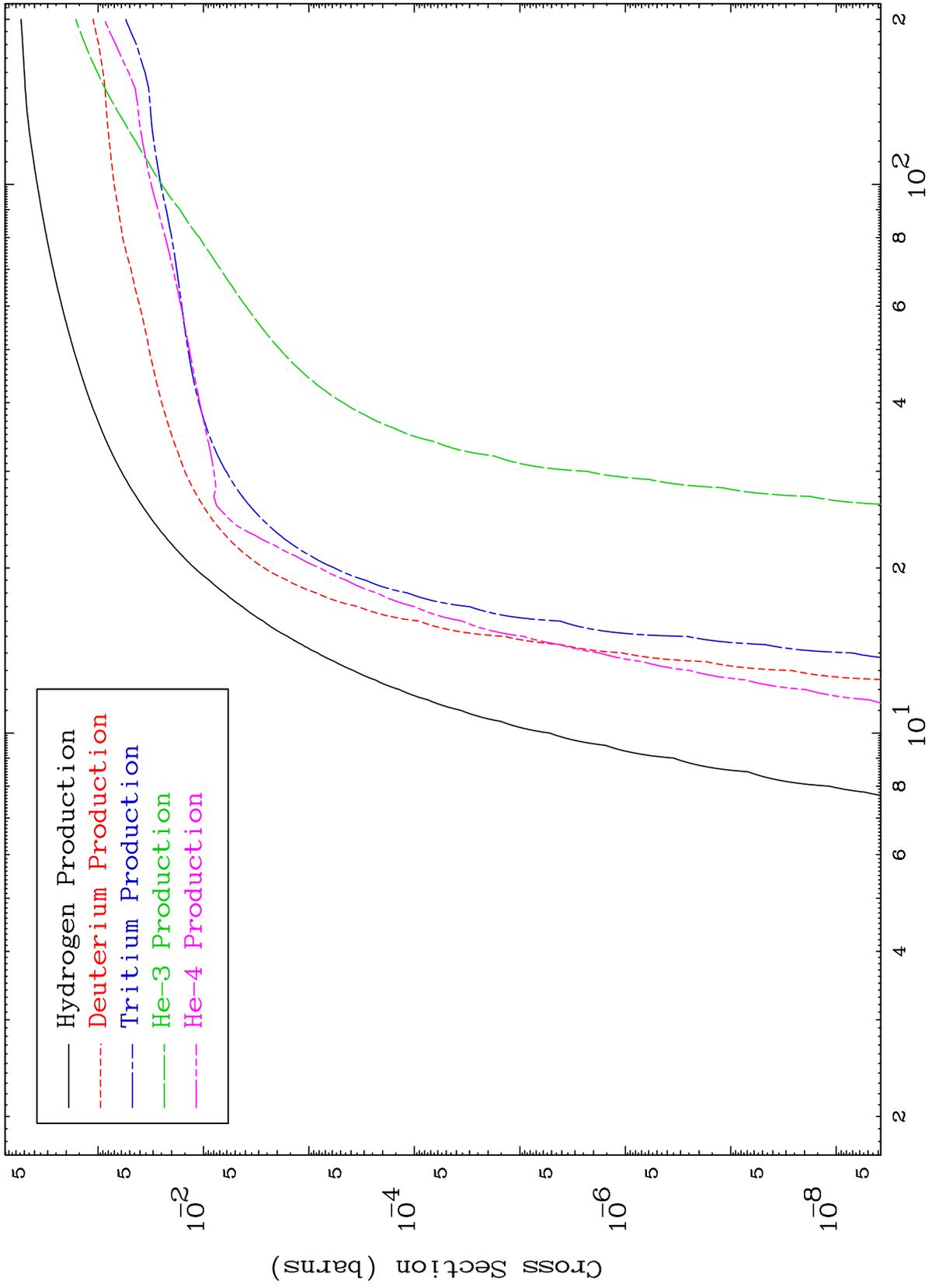
Incident Energy (MeV)

49-In-123m

MAT 4956

Particle Production  
293 Kelvin Cross Sections

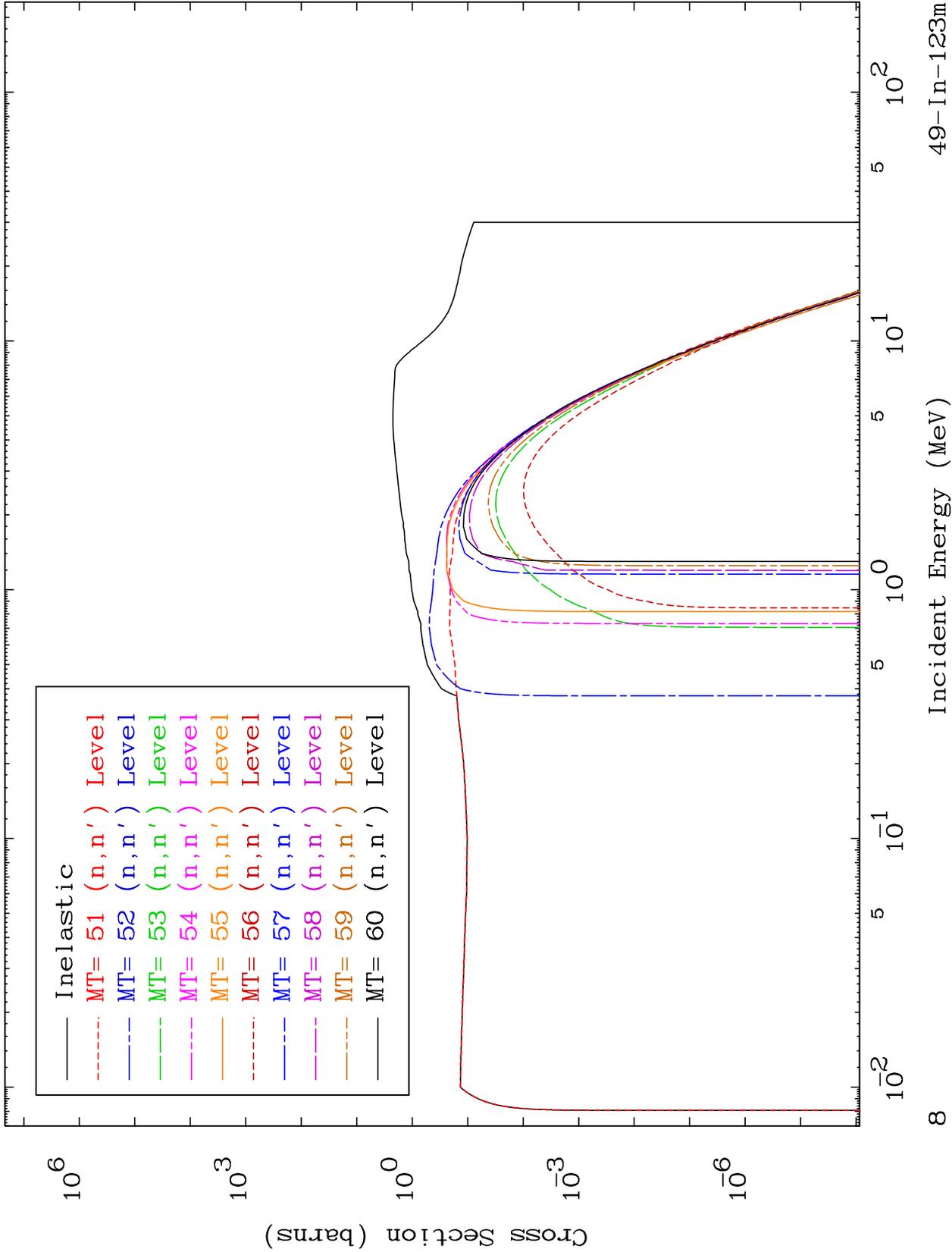
49-In-123m



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(n,n') Levels  
293 Kelvin Cross Sections

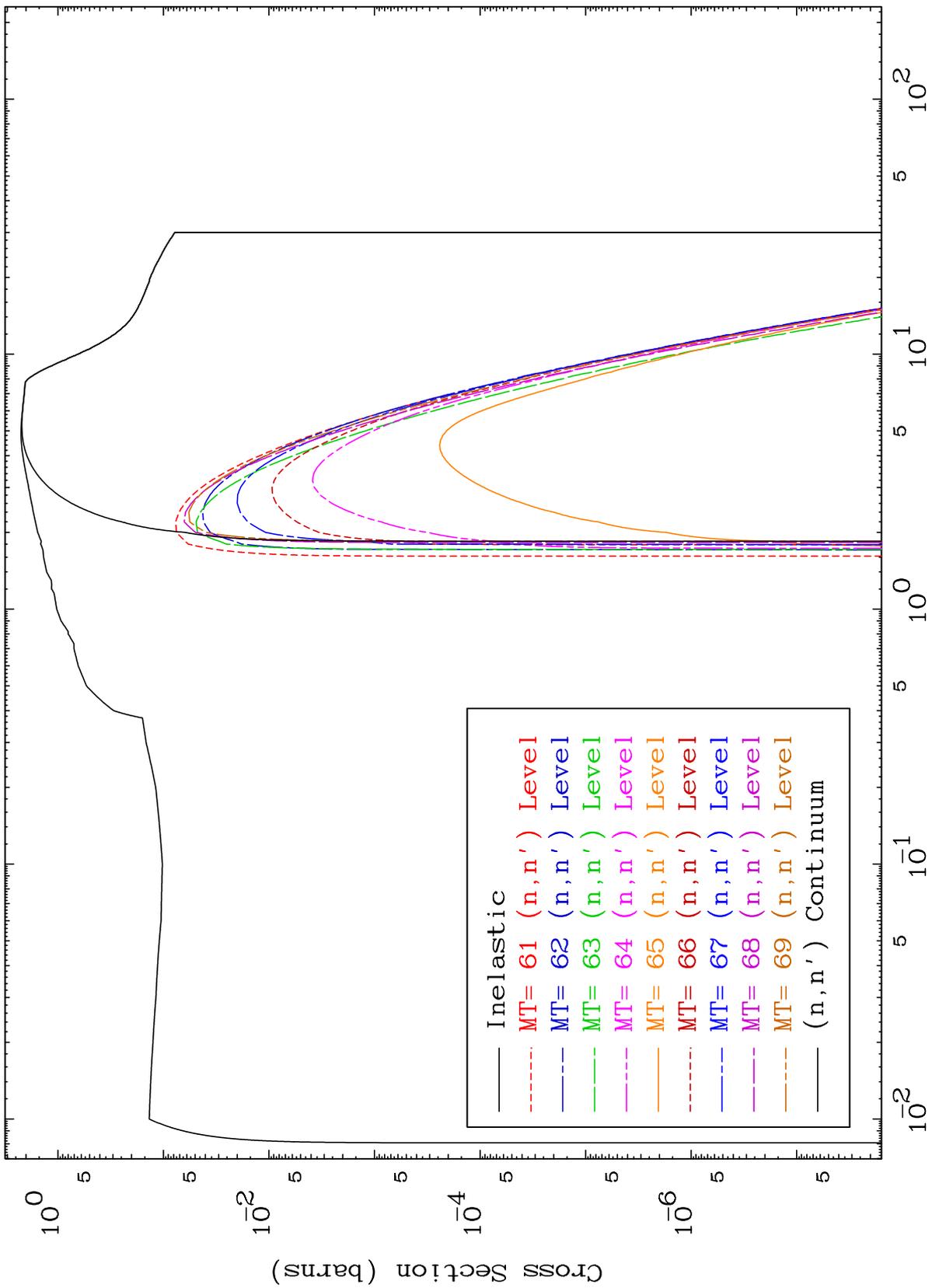
49-In-123m



MAT 4956

(n,n') Levels  
293 Kelvin Cross Sections

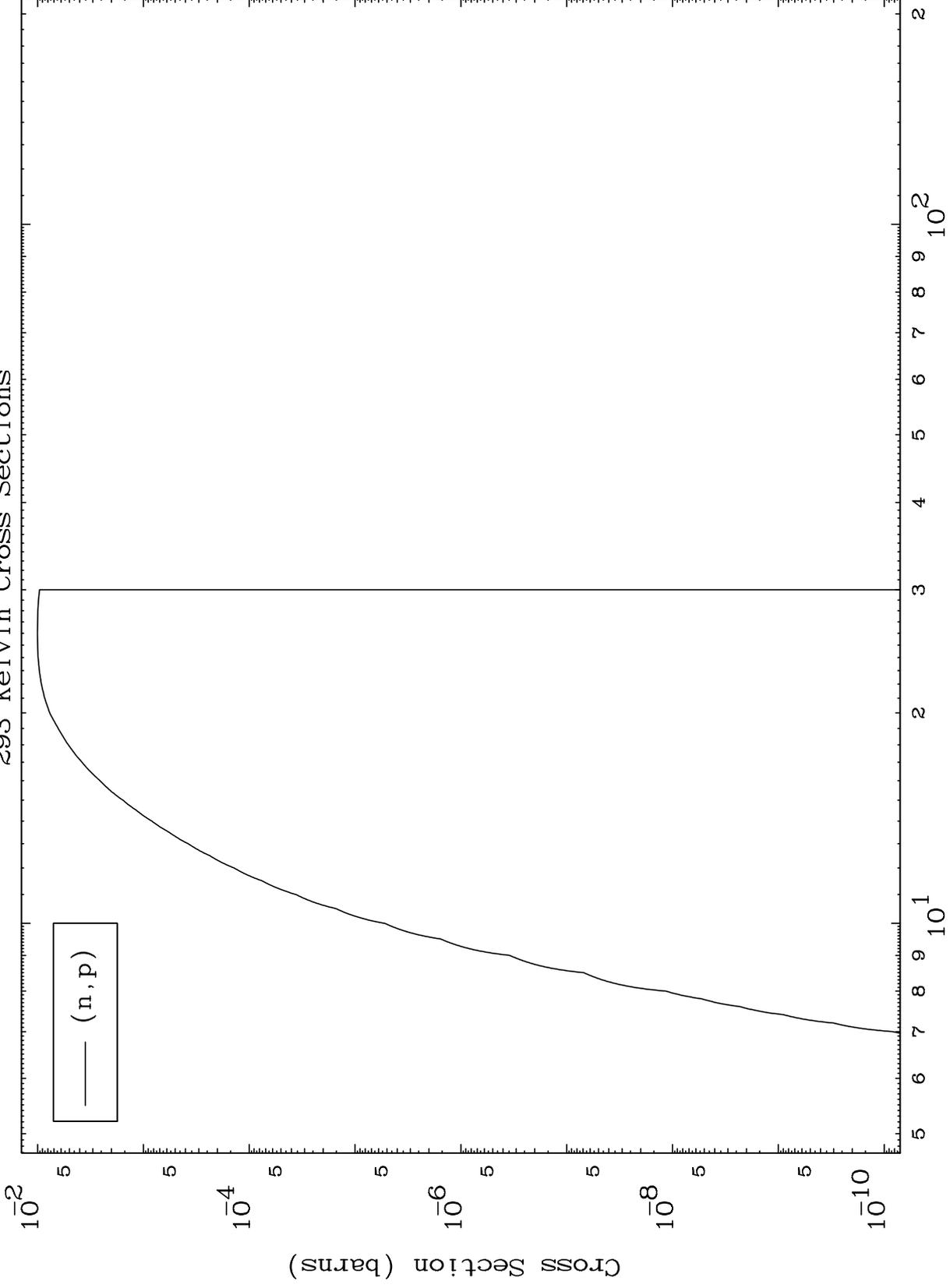
49-In-123m



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(n,p) Levels  
293 Kelvin Cross Sections

49-In-123m



10

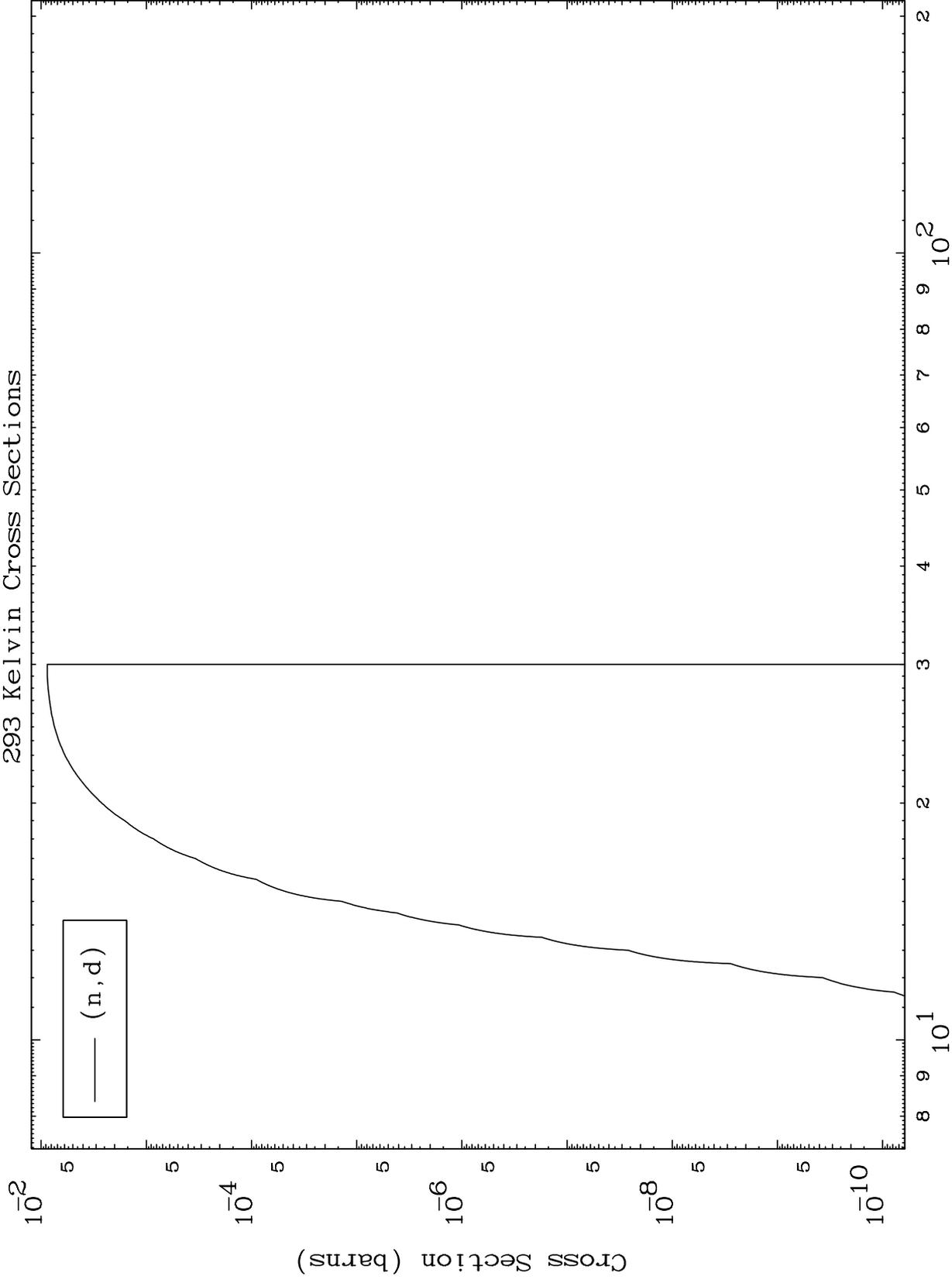
Incident Energy (MeV)

49-In-123m

MAT 4956

(n,d) Levels  
293 Kelvin Cross Sections

49-In-123m



11

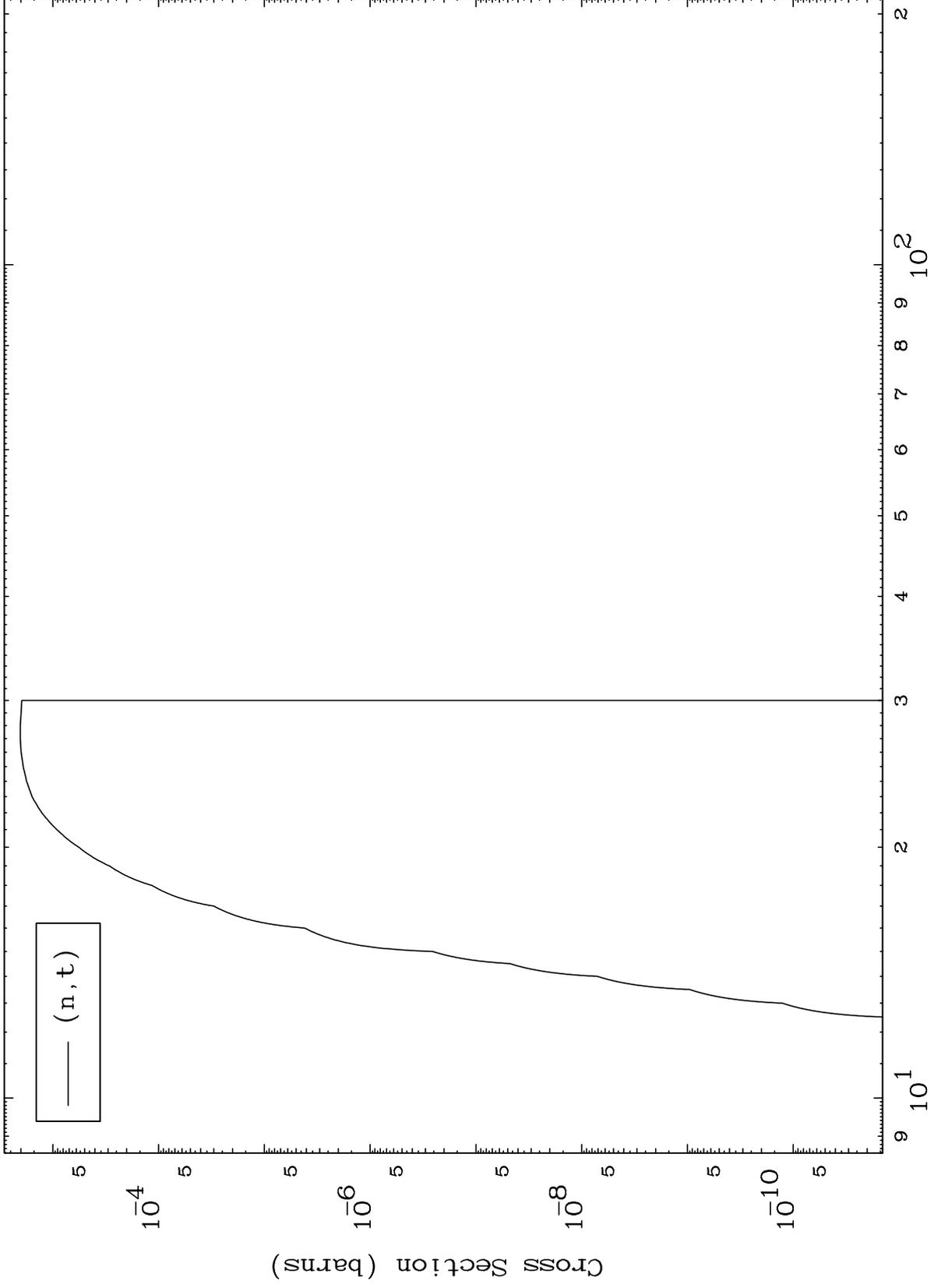
Incident Energy (MeV)

49-In-123m

MAT 4956

(n,t) Levels  
293 Kelvin Cross Sections

49-In-123m



12

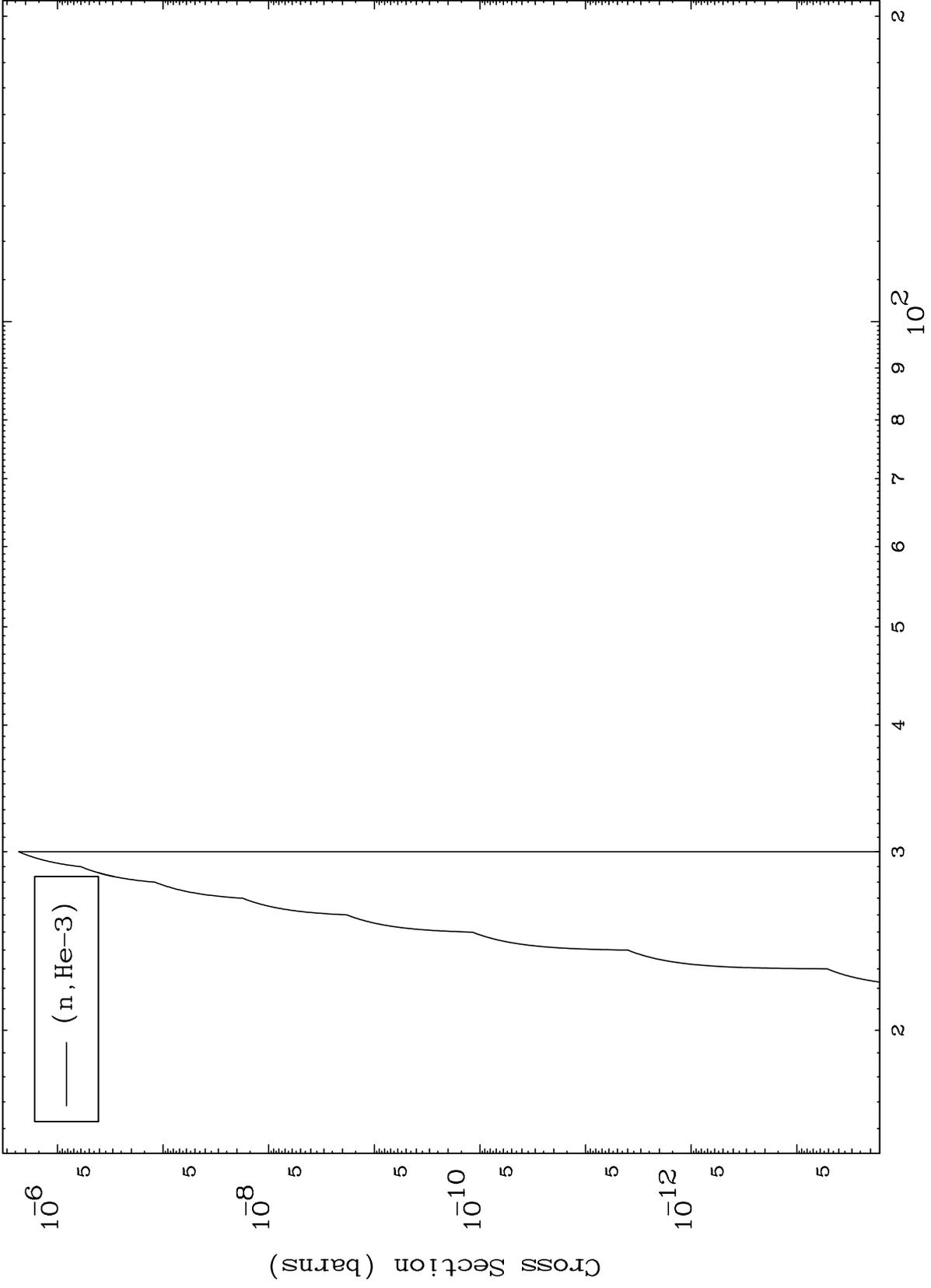
Incident Energy (MeV)

49-In-123m

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(n,He3) Levels  
293 Kelvin Cross Sections

49-In-123m



13

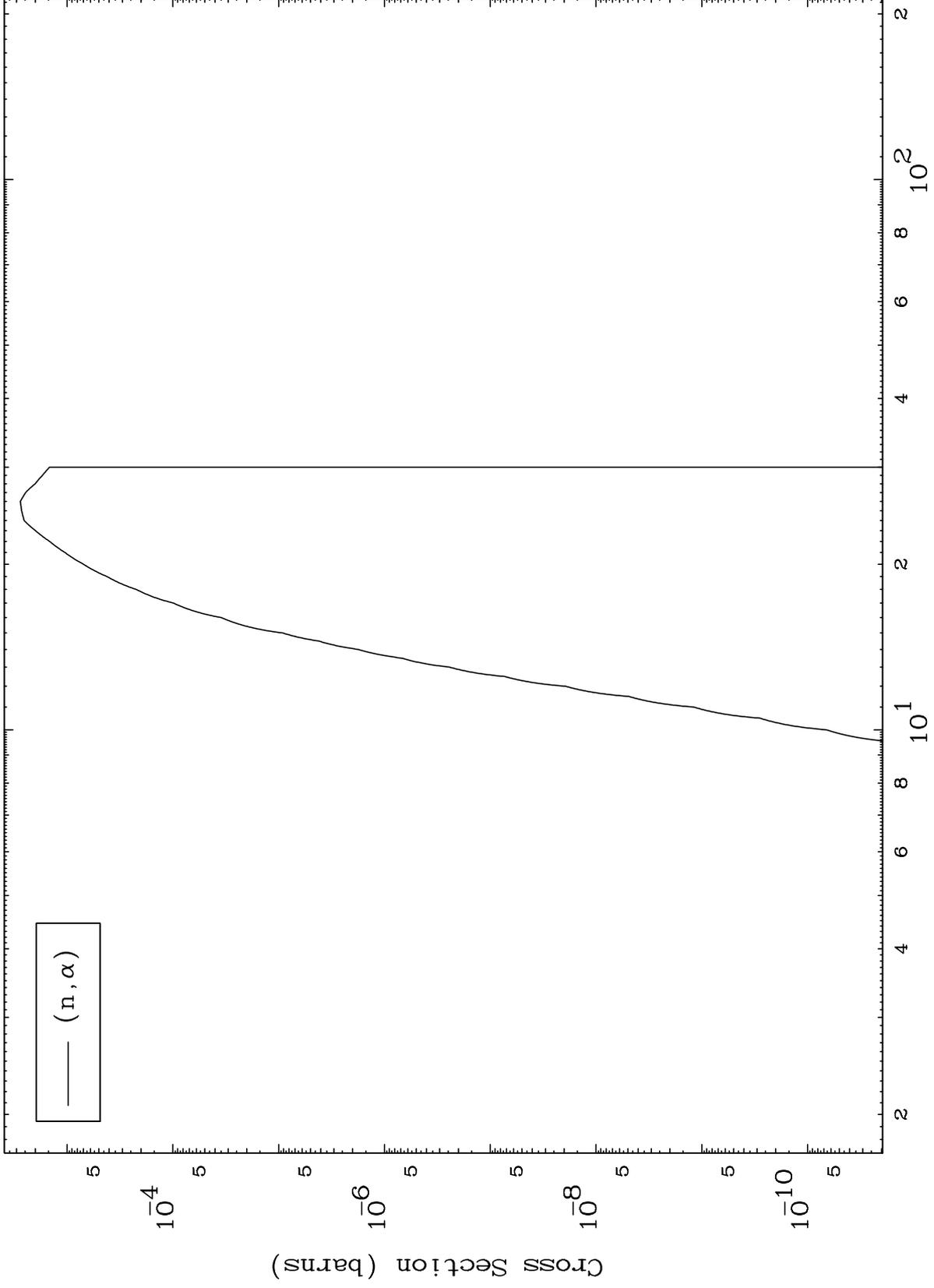
Incident Energy (MeV)

49-In-123m

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

49-In-123m



14

Incident Energy (MeV)

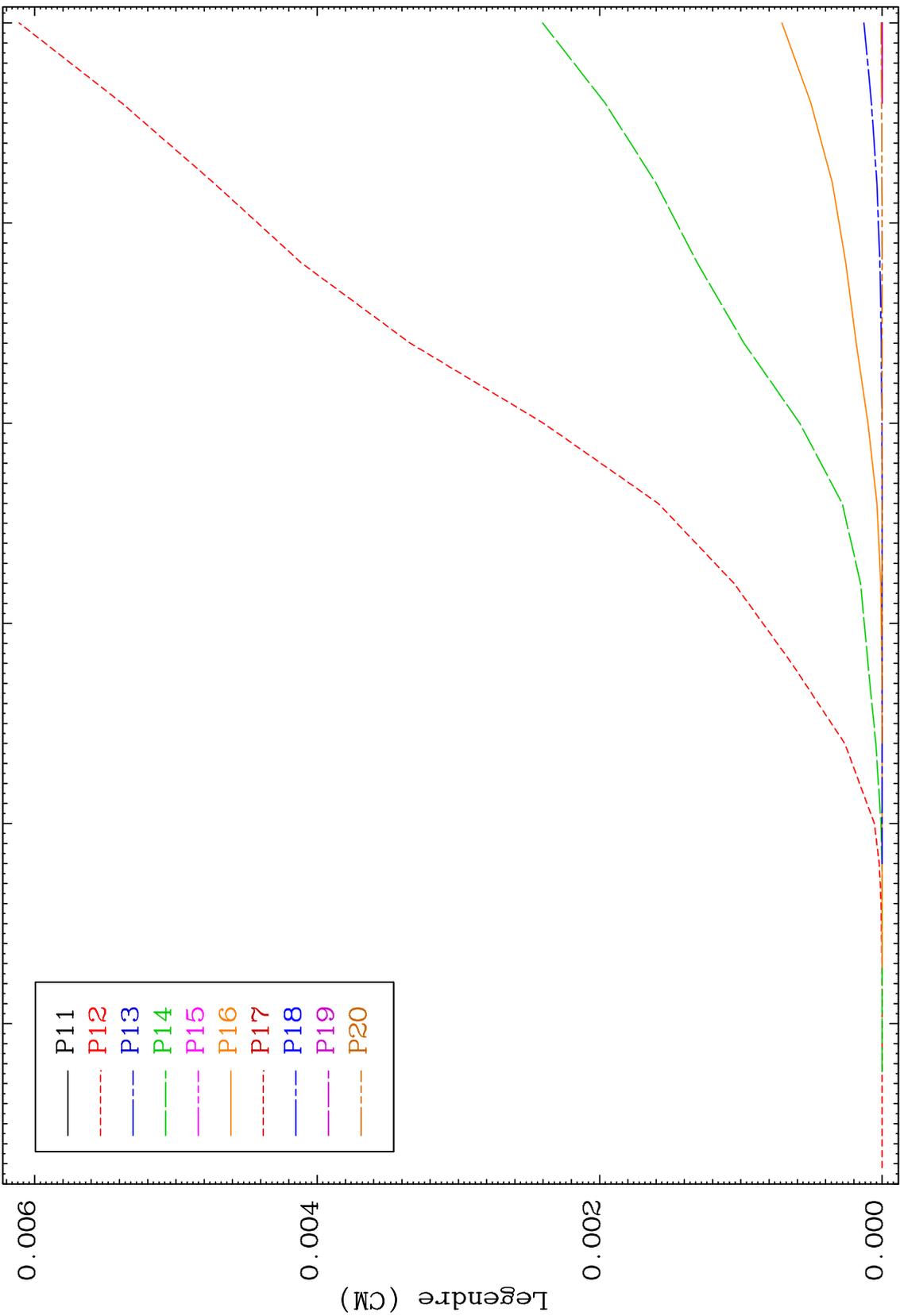
49-In-123m



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Elastic Legendre Coefficients

49-In-123m



16

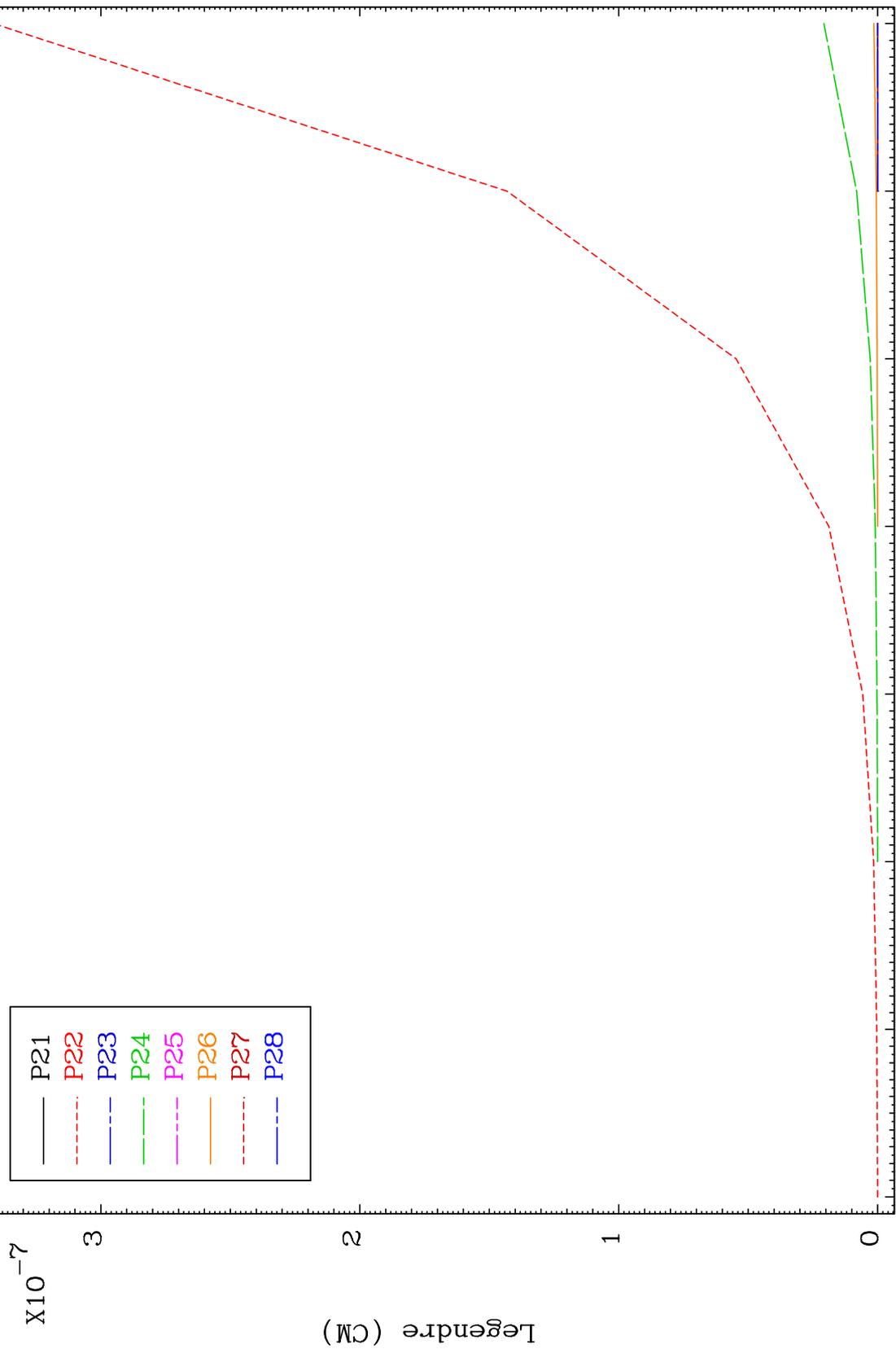
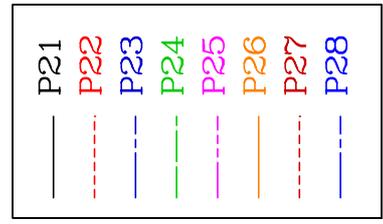
Incident Energy (MeV)

49-In-123m

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Elastic Legendre Coefficients

49-In-123m



17

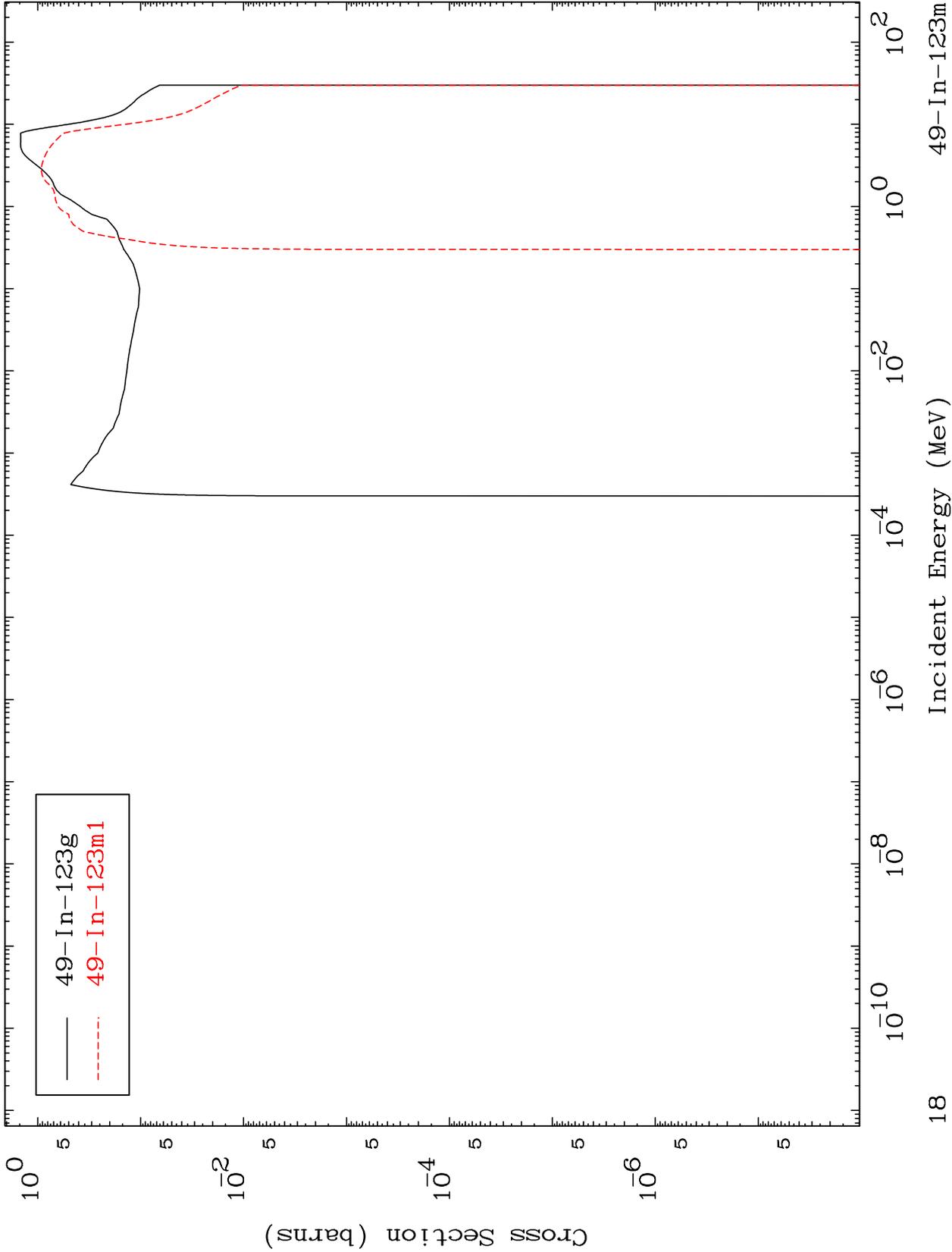
Incident Energy (MeV)

49-In-123m

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Inelastic  
Radionuclide Production Cross Section

49-In-123m

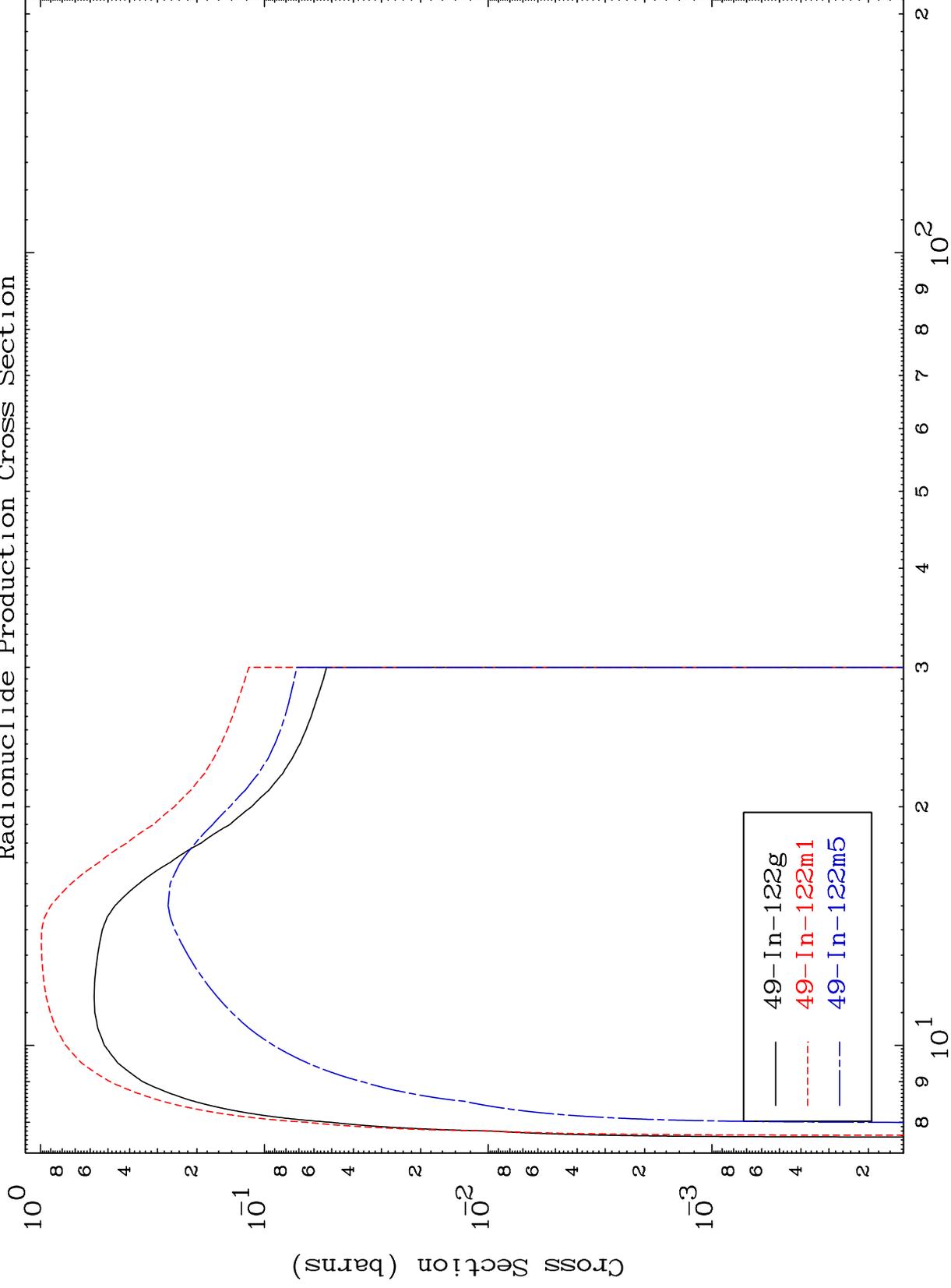


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(n,2n)

49-In-123m

Radionuclide Production Cross Section



19

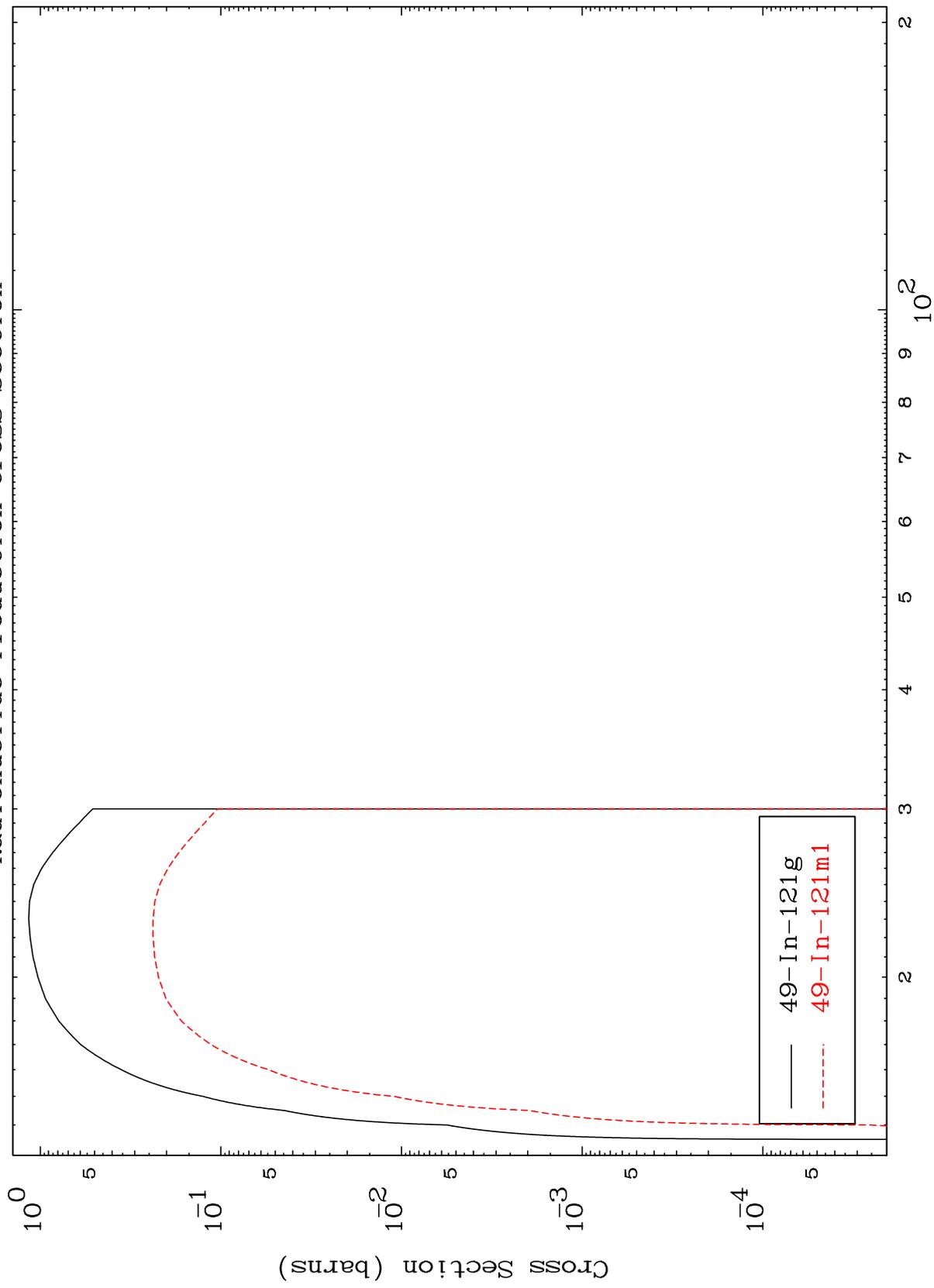
Incident Energy (MeV)

49-In-123m

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49-In-123m

(n,3n)  
Radionuclide Production Cross Section



49-In-123m

Incident Energy (MeV)

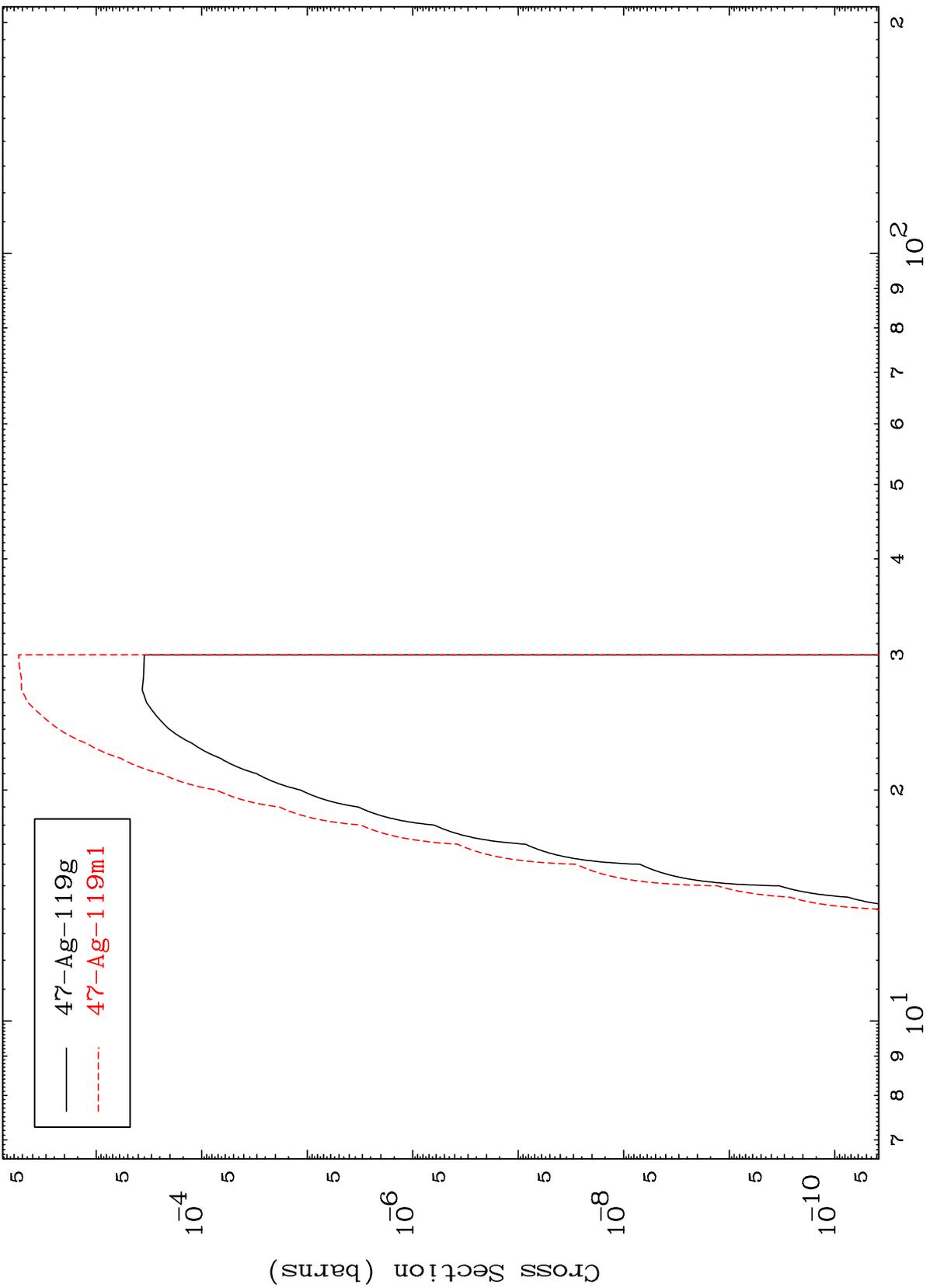
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MAT 4956

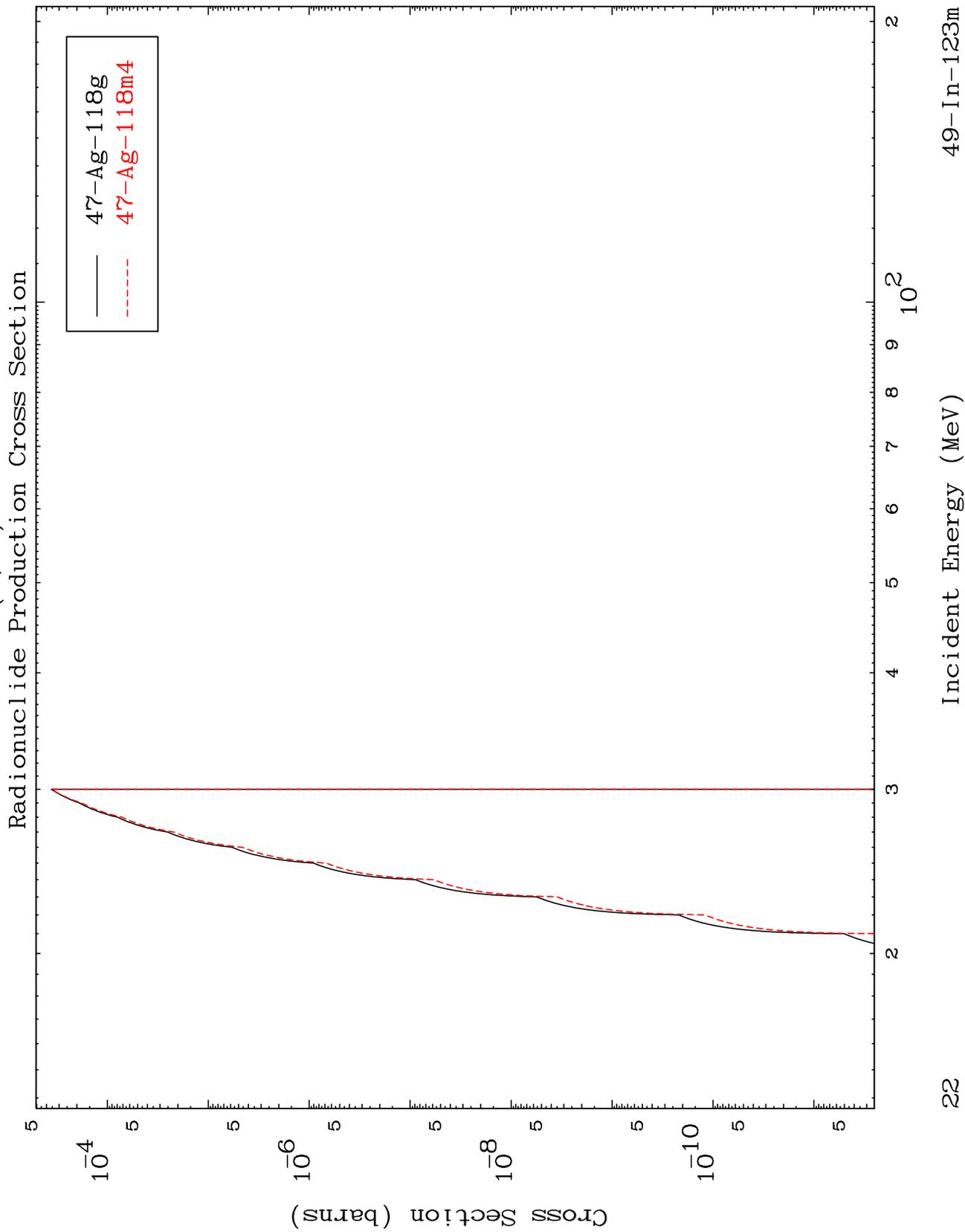
(n,n')  $\alpha$

49-In-123m

Radionuclide Production Cross Section



— 47-Ag-119g  
- - - 47-Ag-119m1

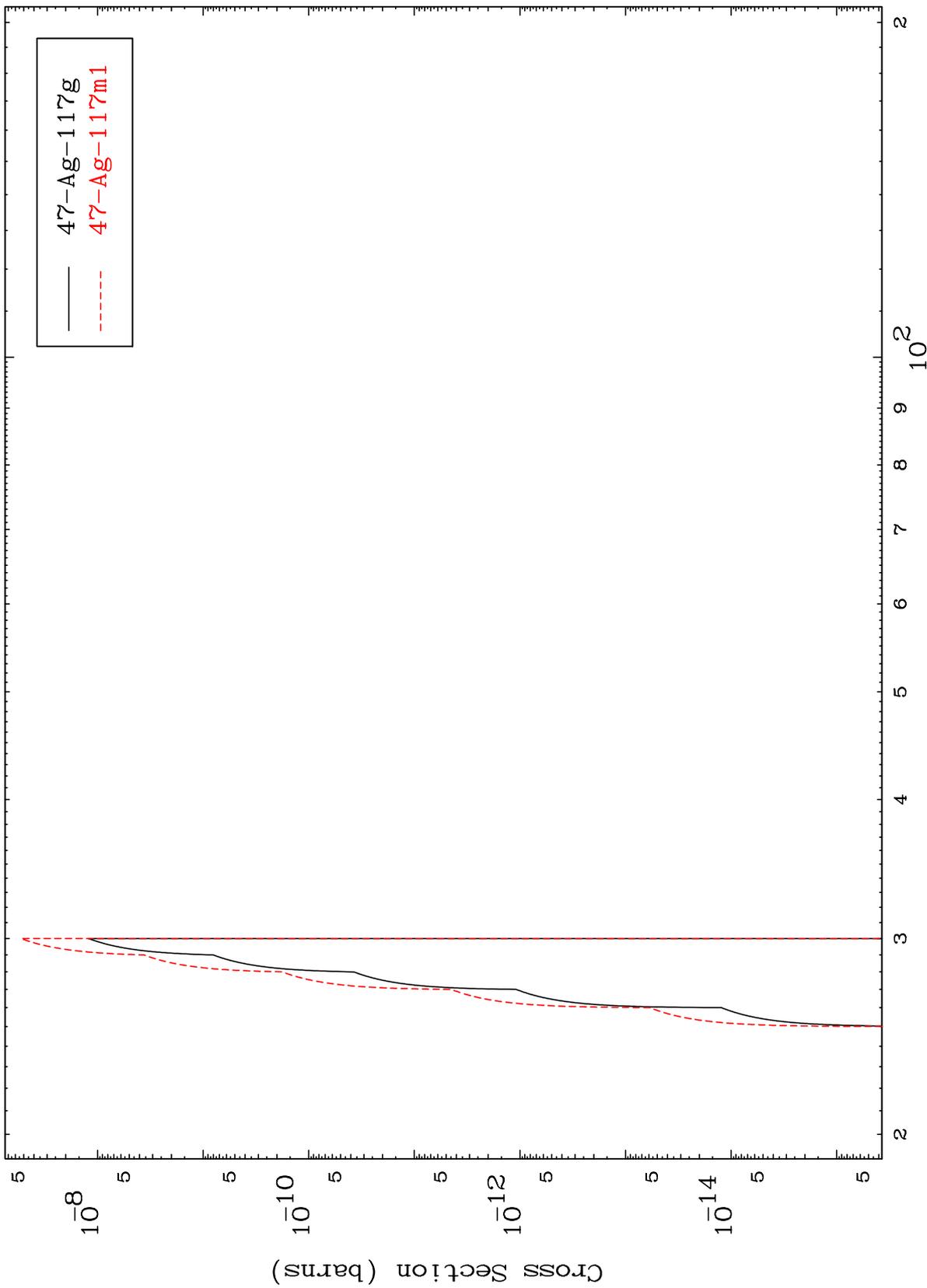


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(n,3n)  $\alpha$

49-In-123m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

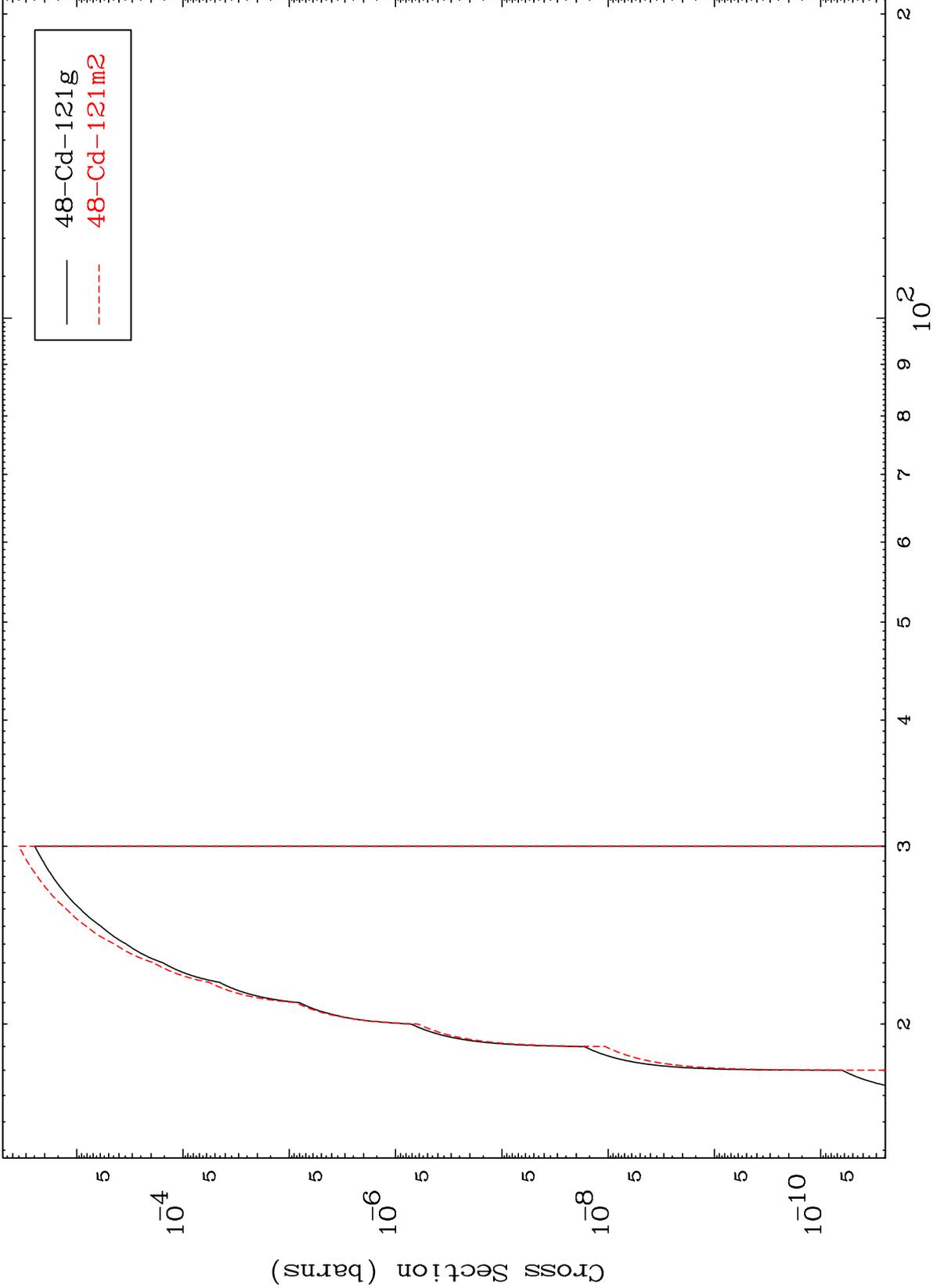
49-In-123m

MAT 4956

(n,n') d

49-In-123m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

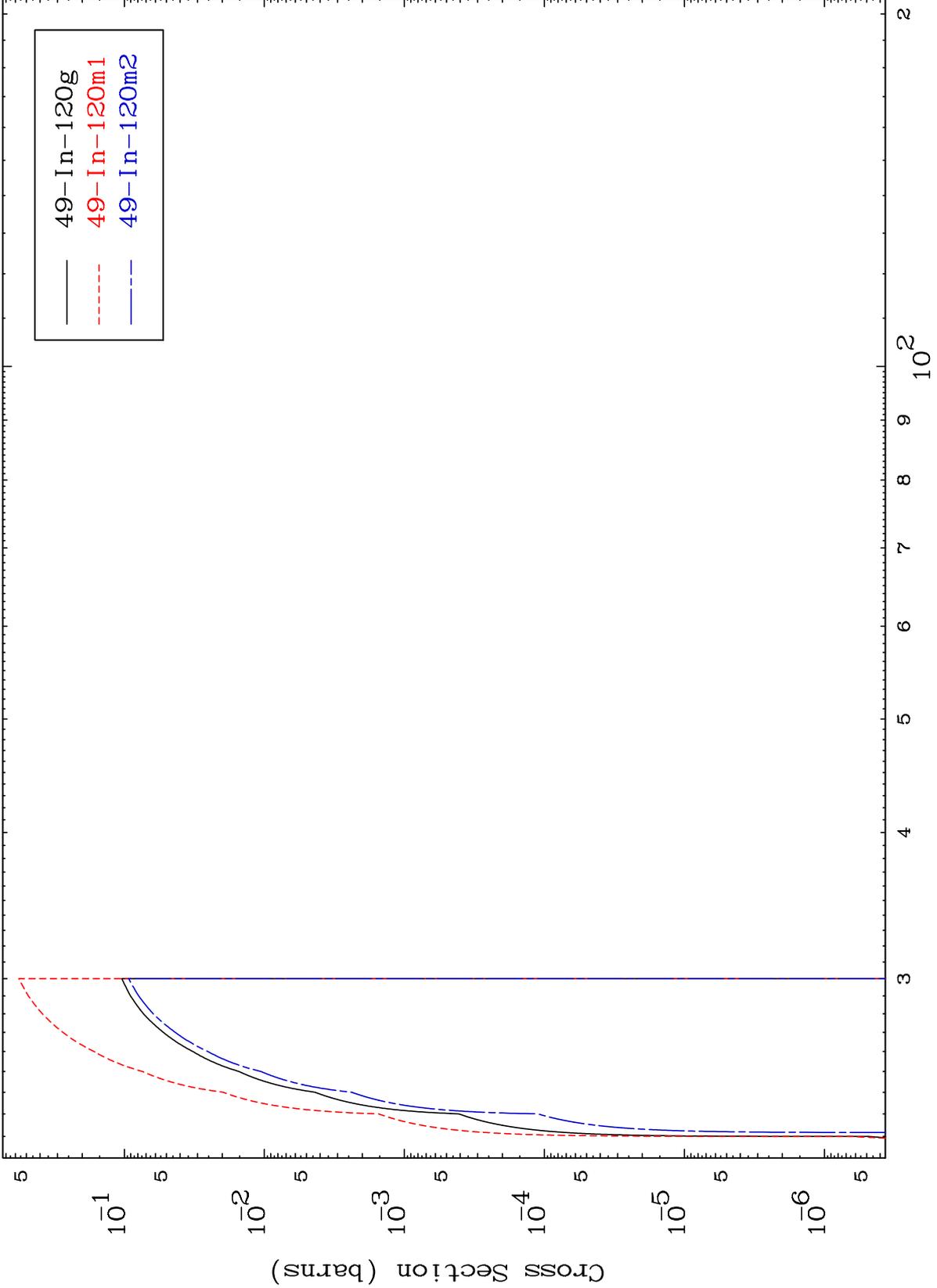
49-In-123m

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(n,4n)

49-In-123m

Radionuclide Production Cross Section

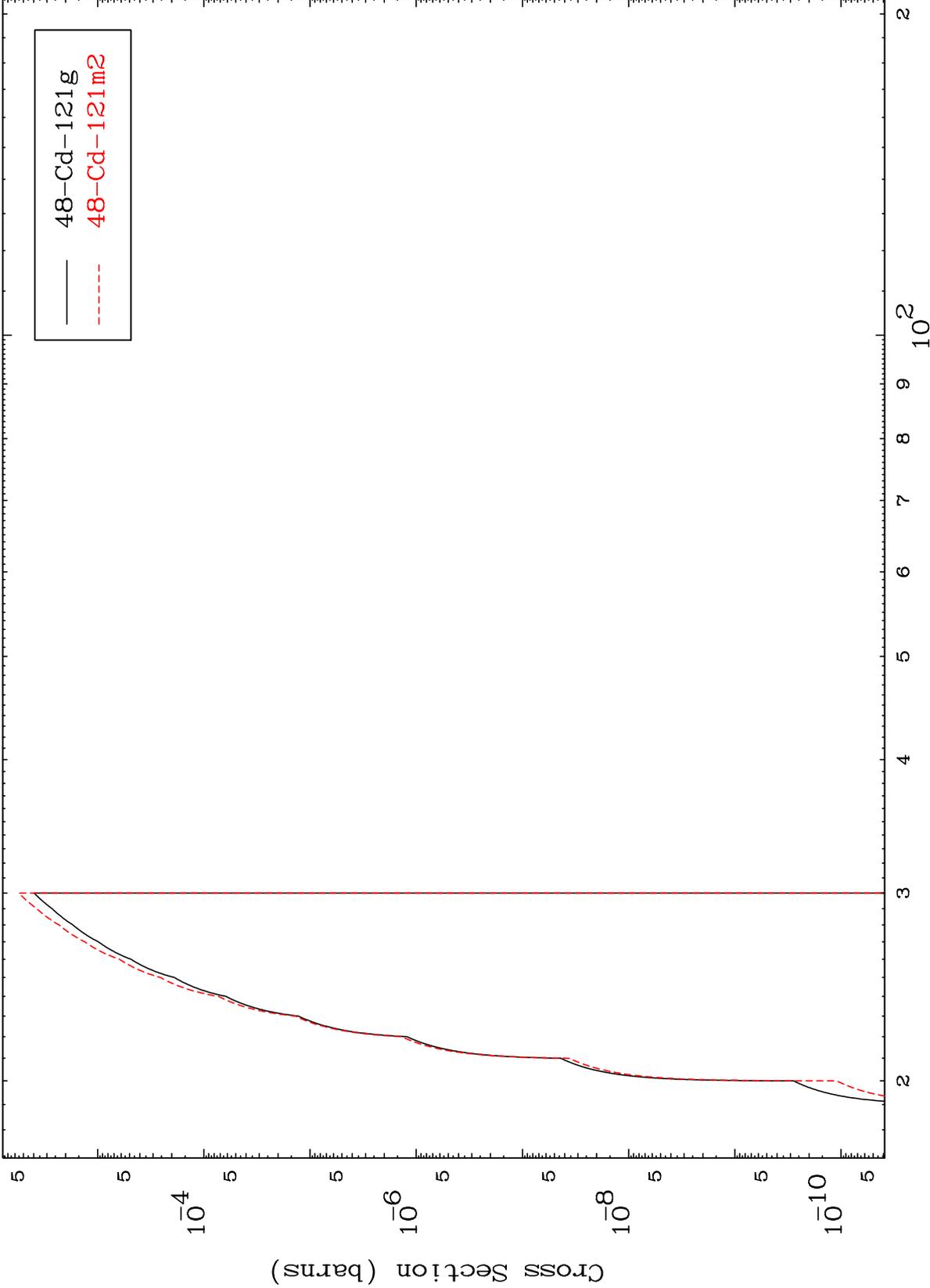


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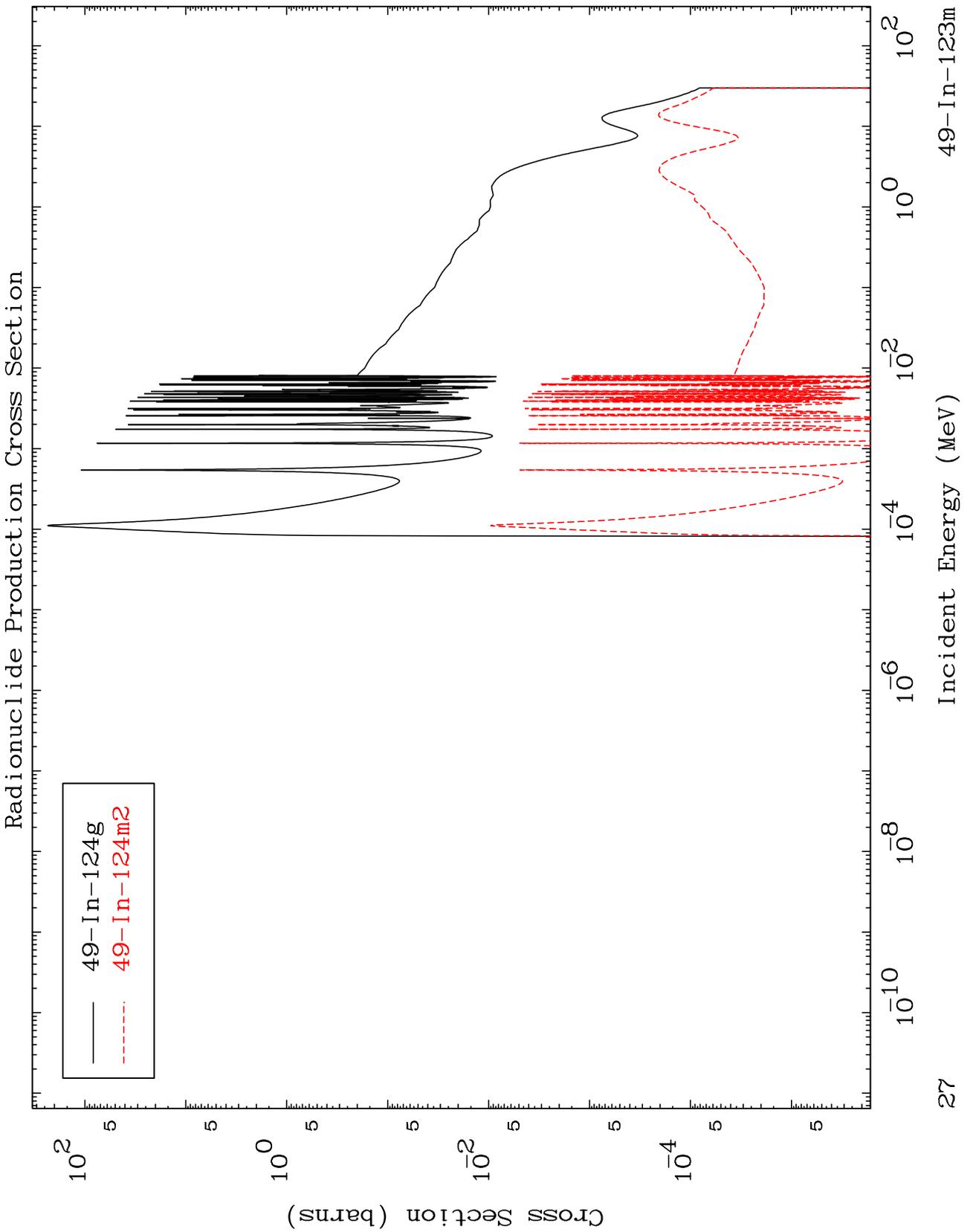
49-In-123m

Radionuclide Production Cross Section



MAT 4956

49-In-123m

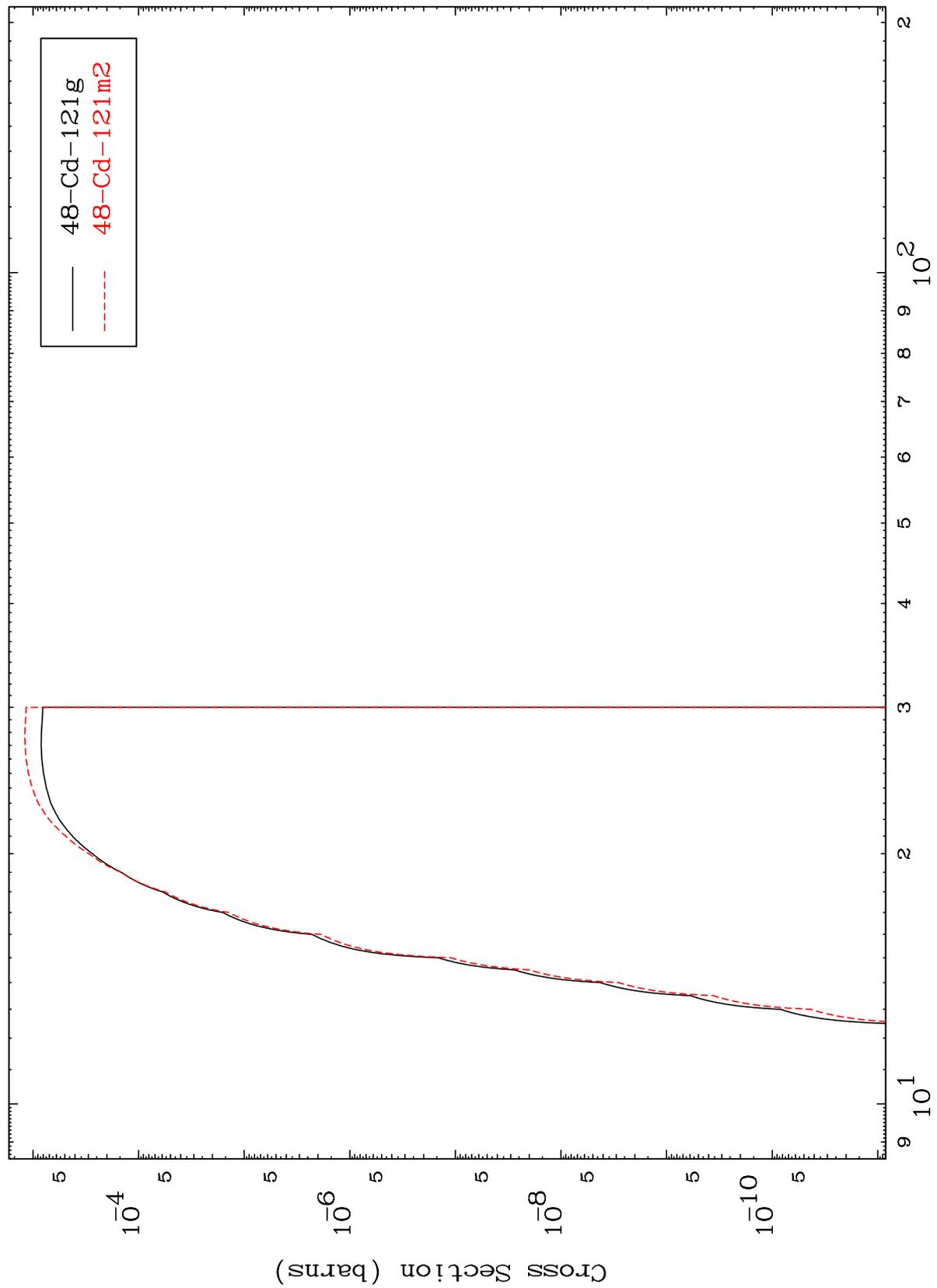




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49-In-123m

(n,t)  
Radionuclide Production Cross Section



29

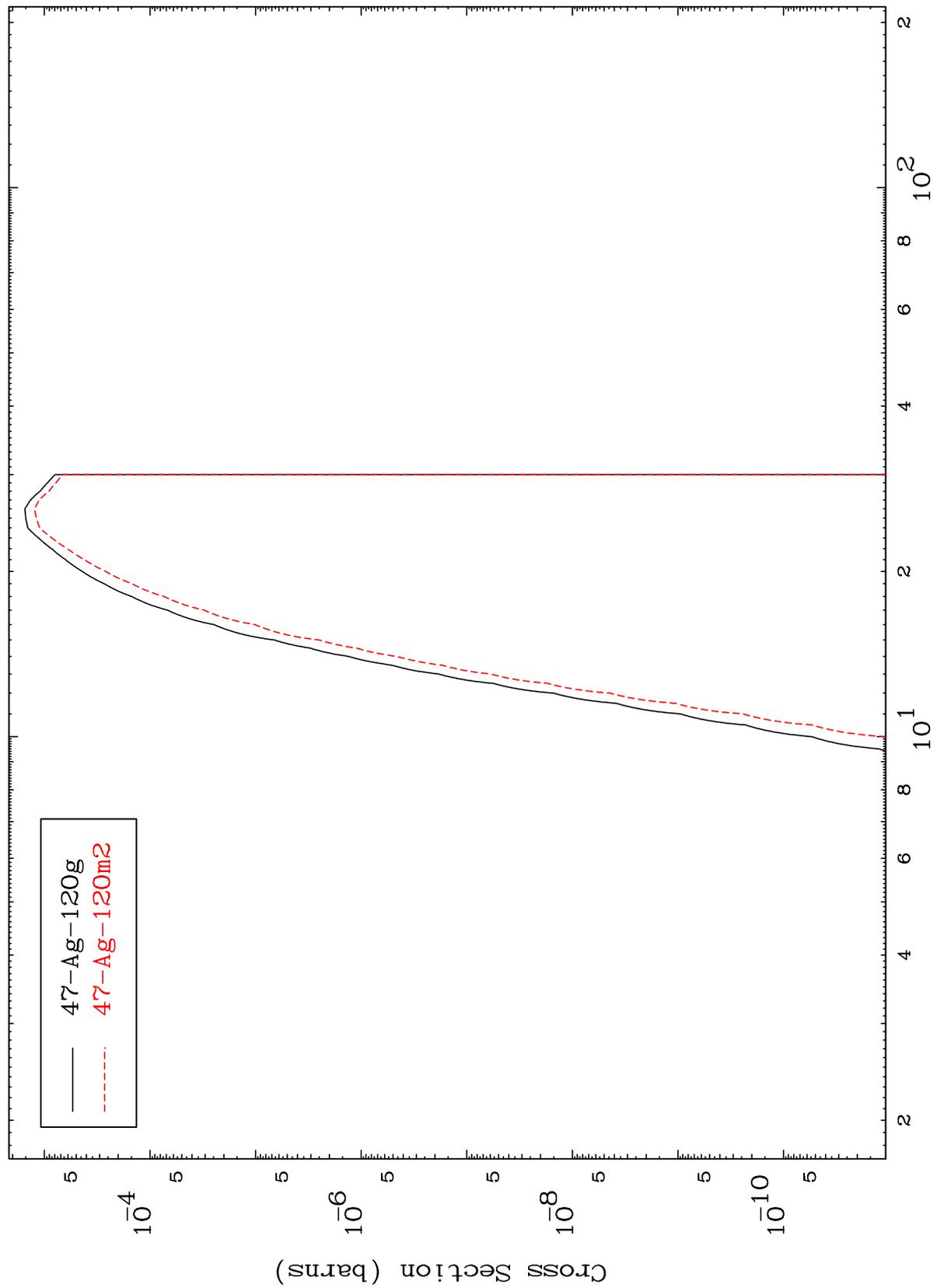
Incident Energy (MeV)

49-In-123m

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49-In-123m

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



30

49-In-123m