

Program EVALPLOT  
(Version 2017-1)

by

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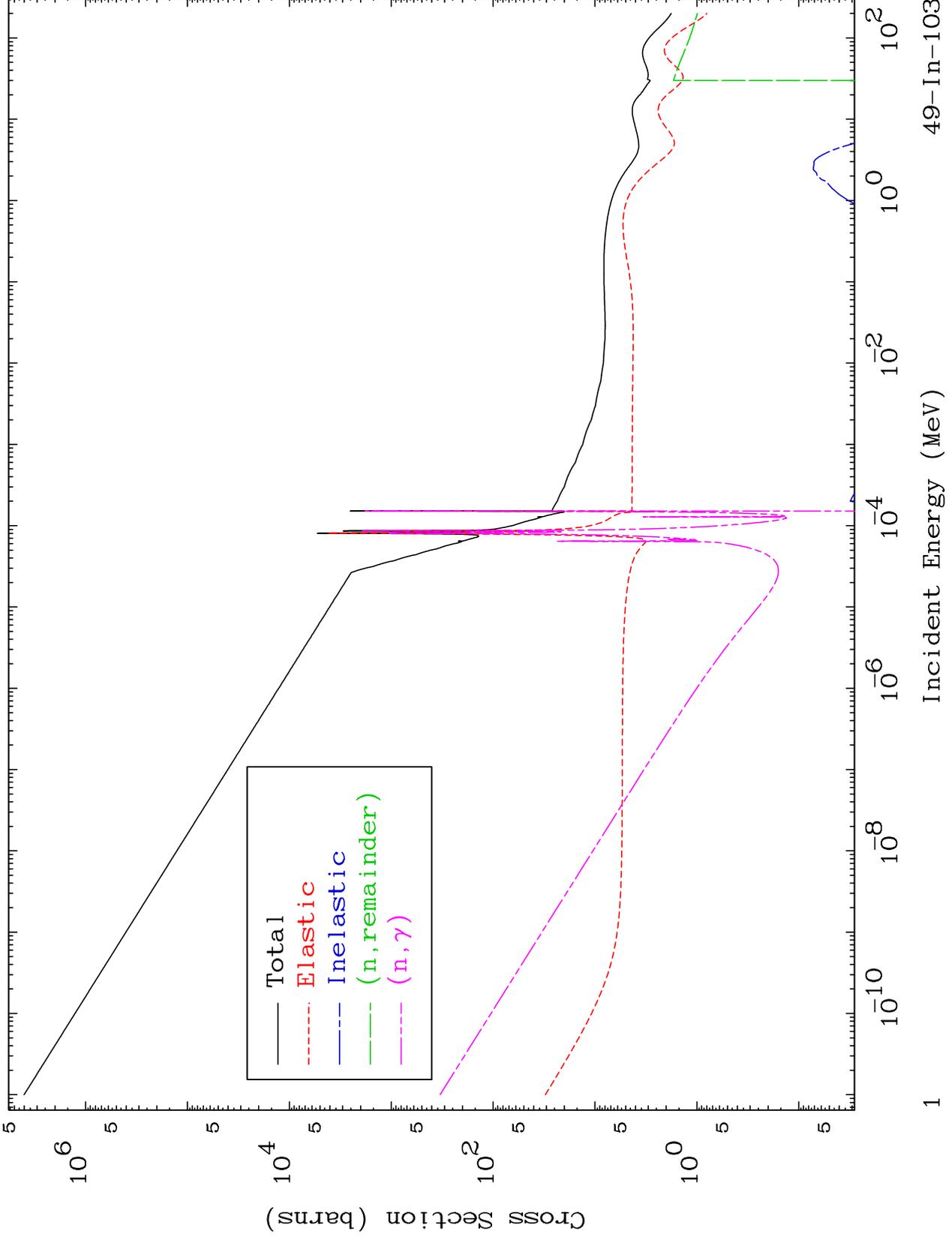
Press Mouse Button to Start

MAT 4896

Major

293 Kelvin Cross Sections

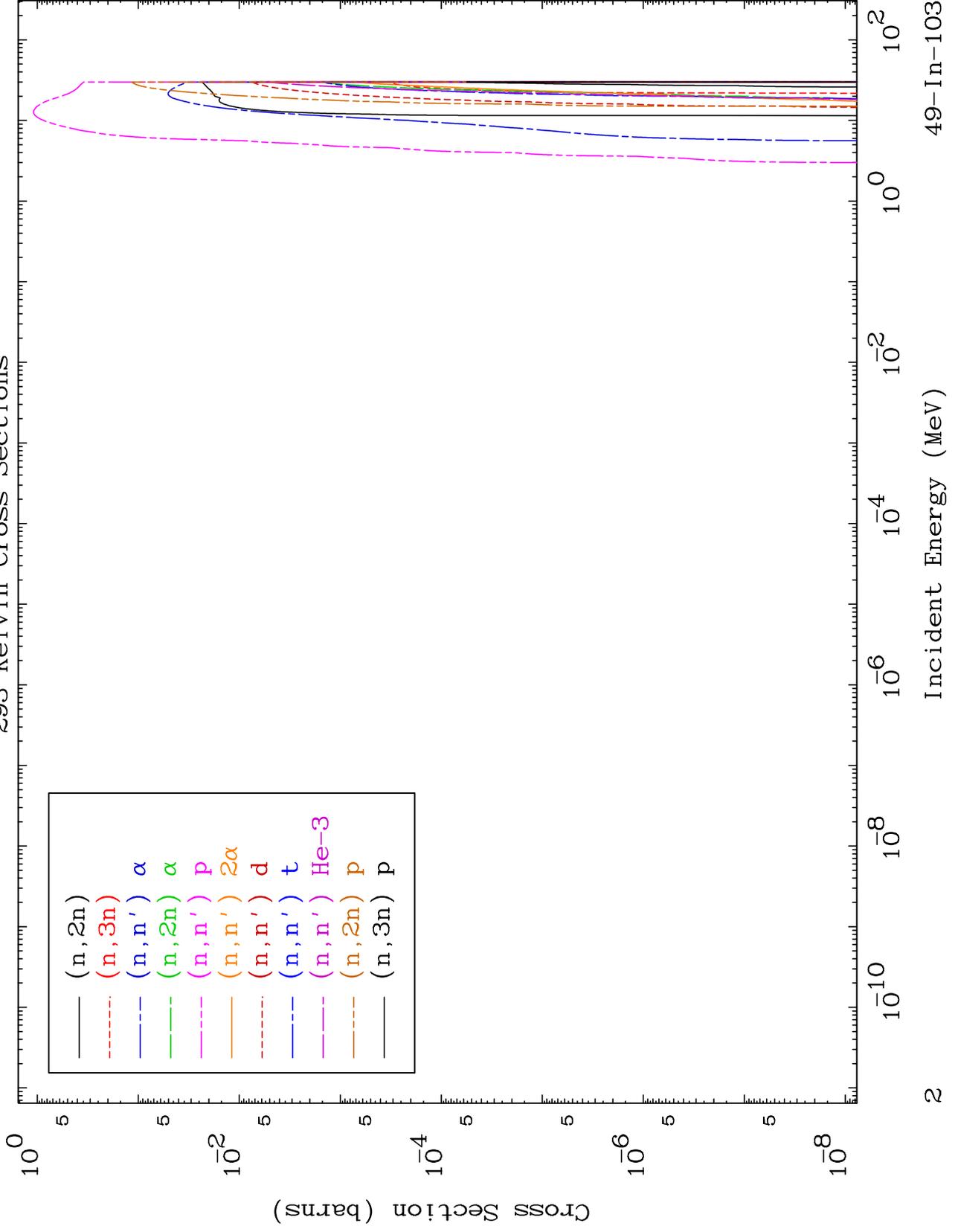
49-In-103



MAT 4896

Neutron Production  
293 Kelvin Cross Sections

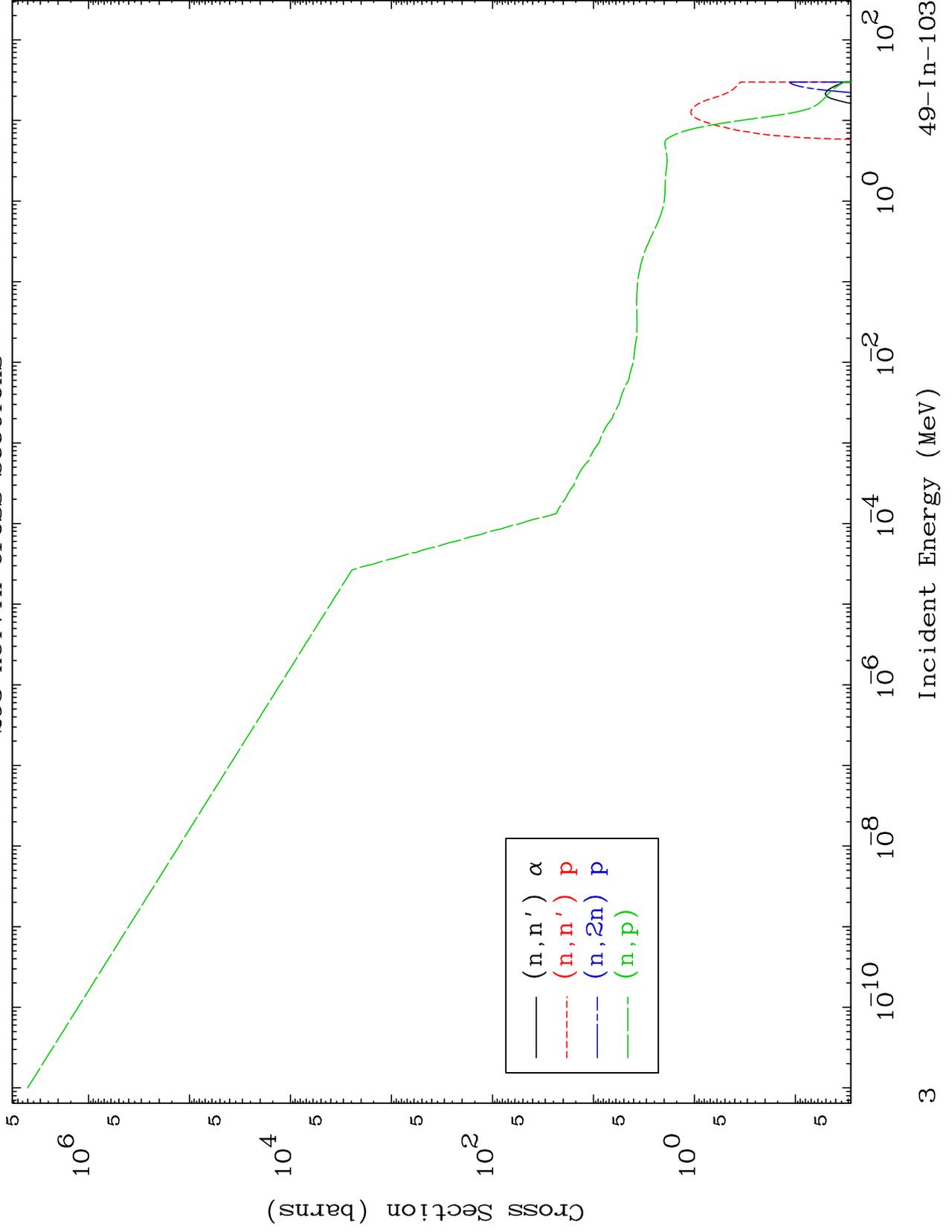
49-In-103



MAT 4896

Charged Particle  
293 Kelvin Cross Sections

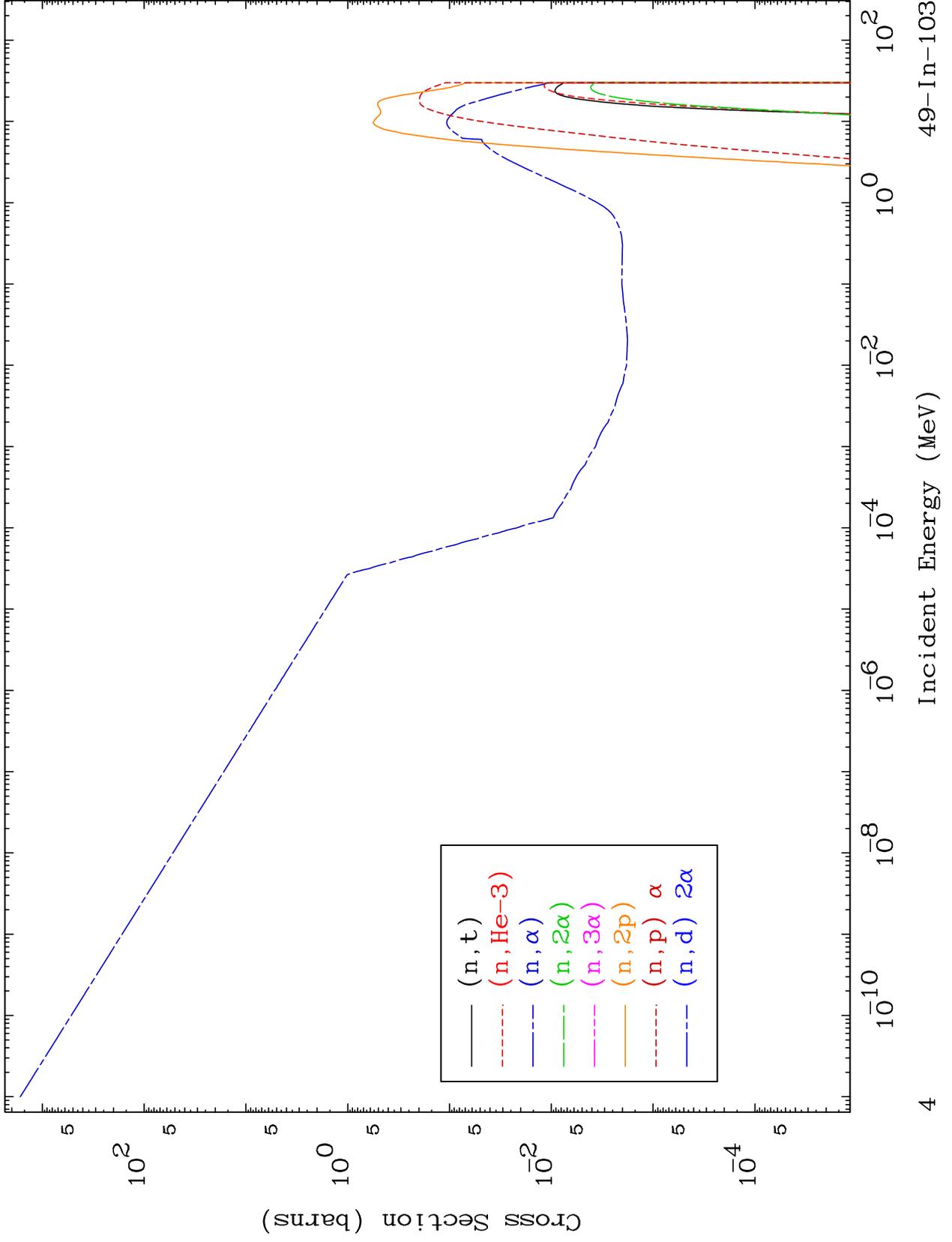
49-In-103



MAT 4896

Charged Particle  
293 Kelvin Cross Sections

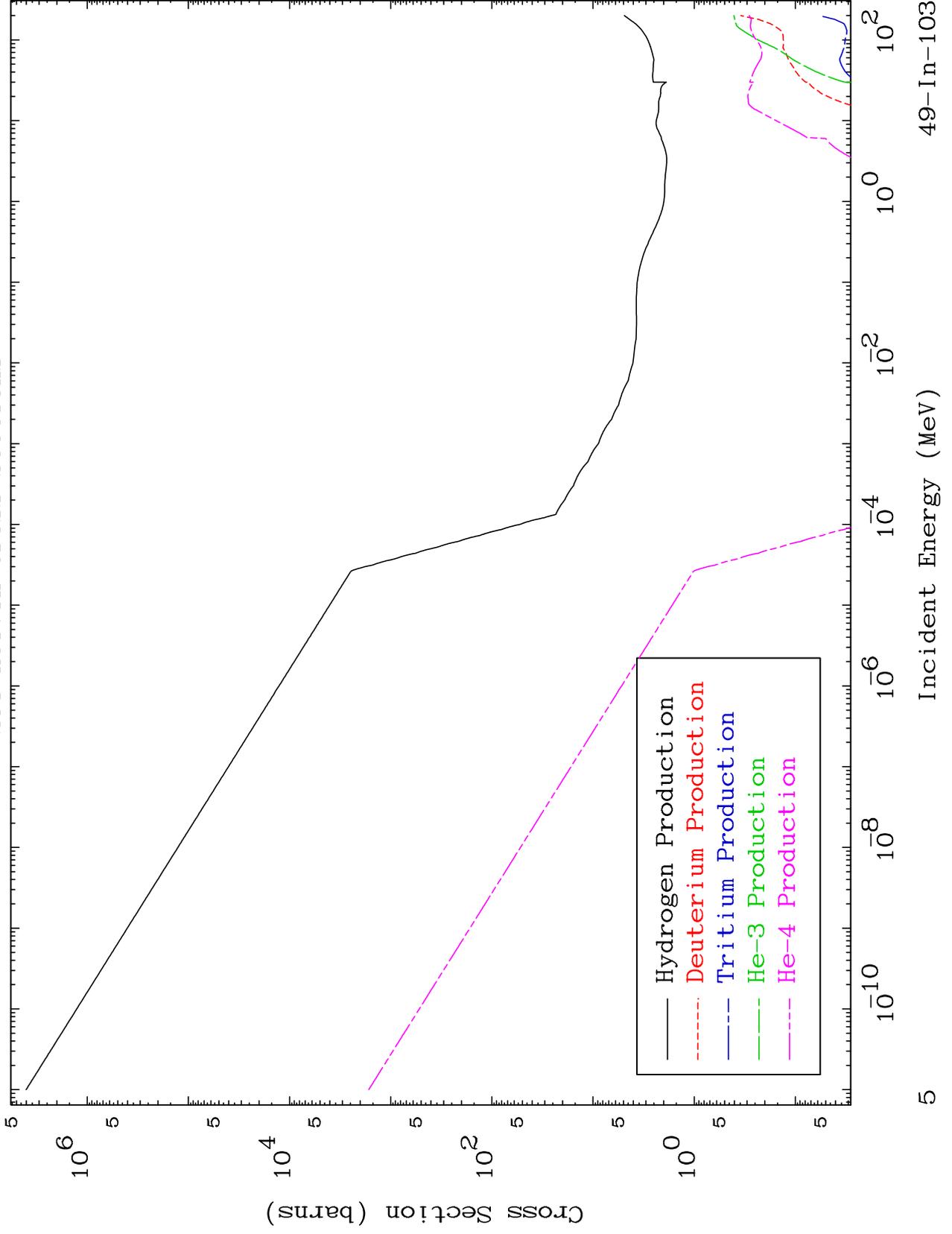
49-In-103



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Particle Production  
293 Kelvin Cross Sections

49-In-103

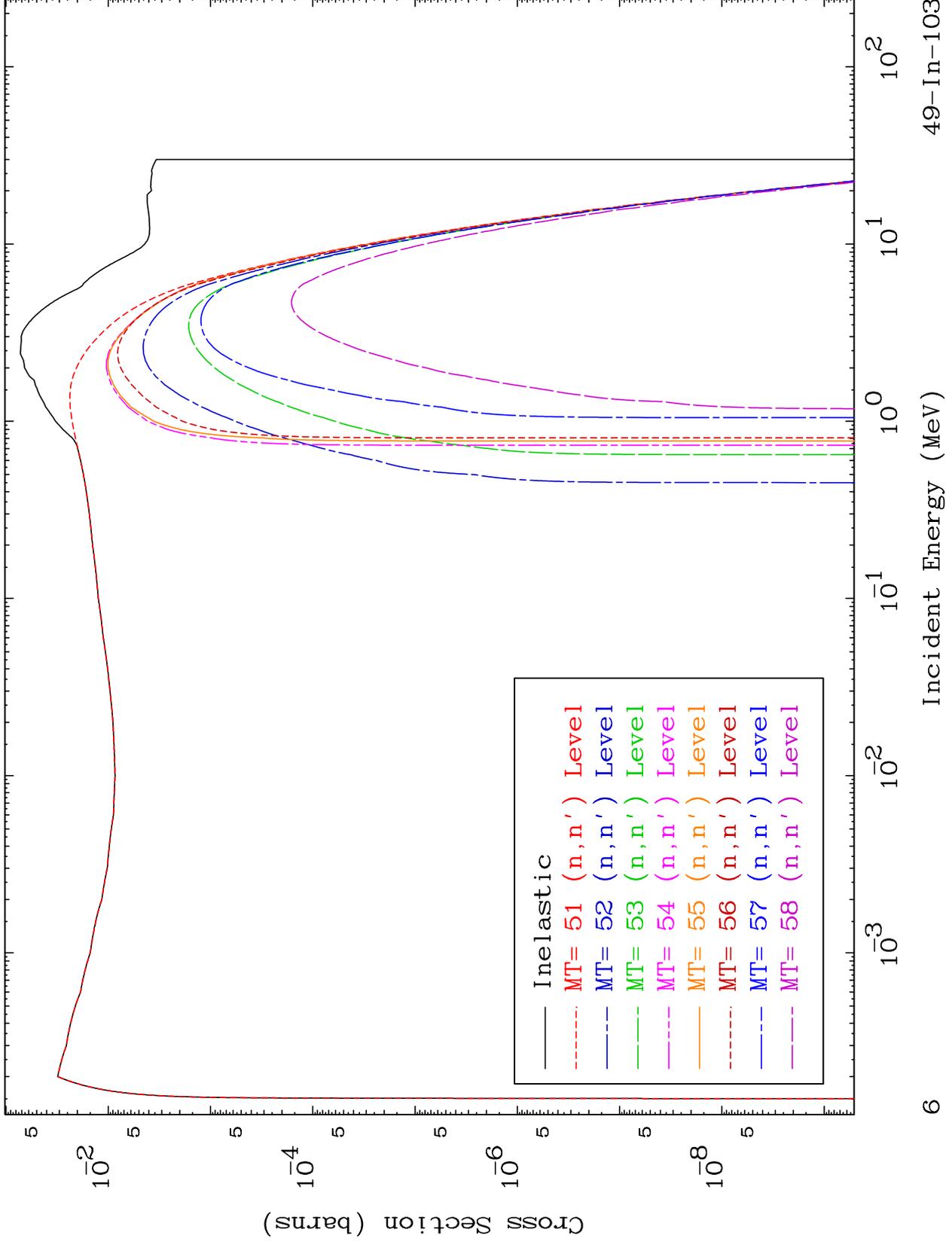


MAT 4896

(n,n') Level

49-In-103

293 Kelvin Cross Sections

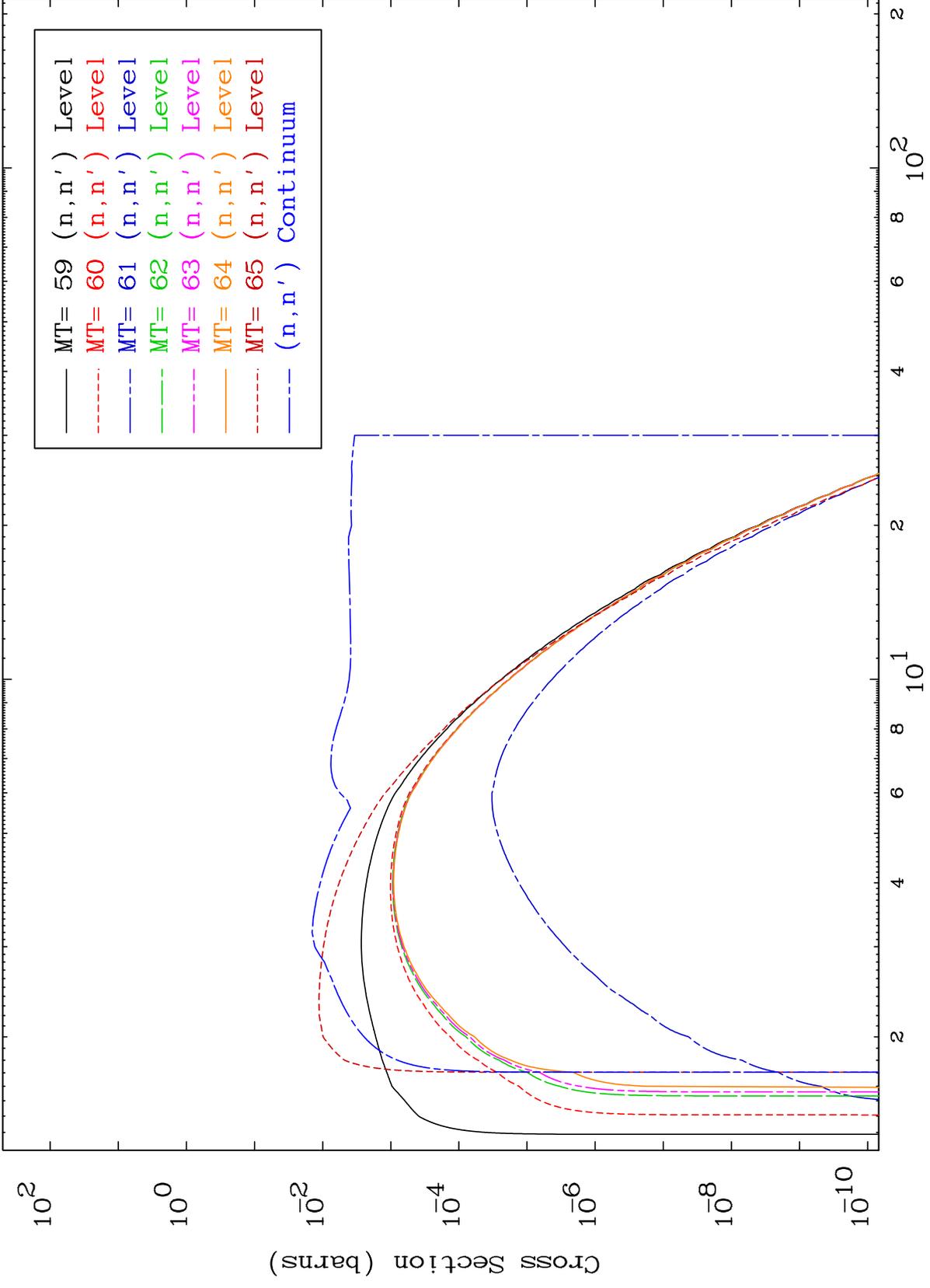


MAT 4896

(n,n') Level

293 Kelvin Cross Sections

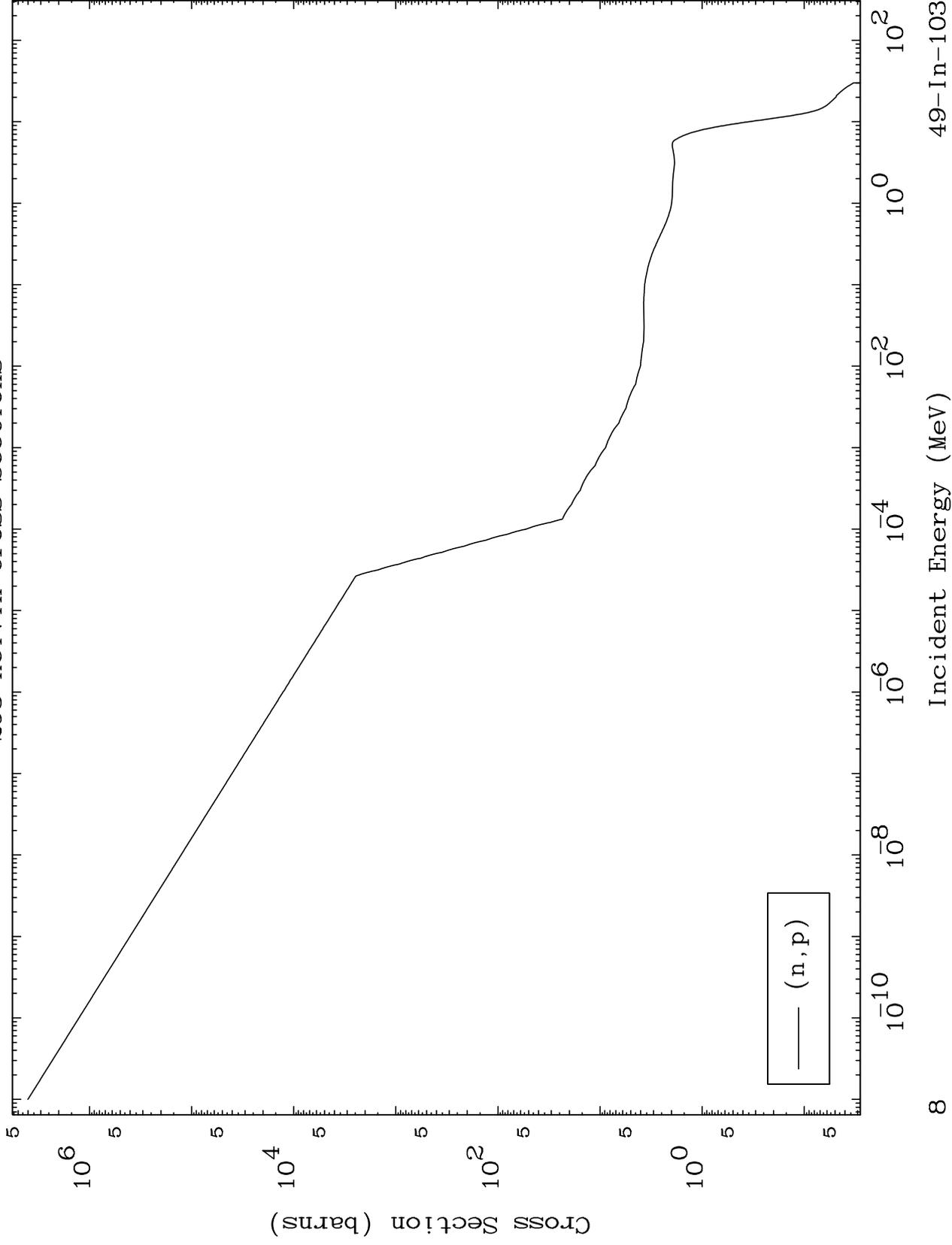
49-In-103



MAT 4896

(n,p) Levels  
293 Kelvin Cross Sections

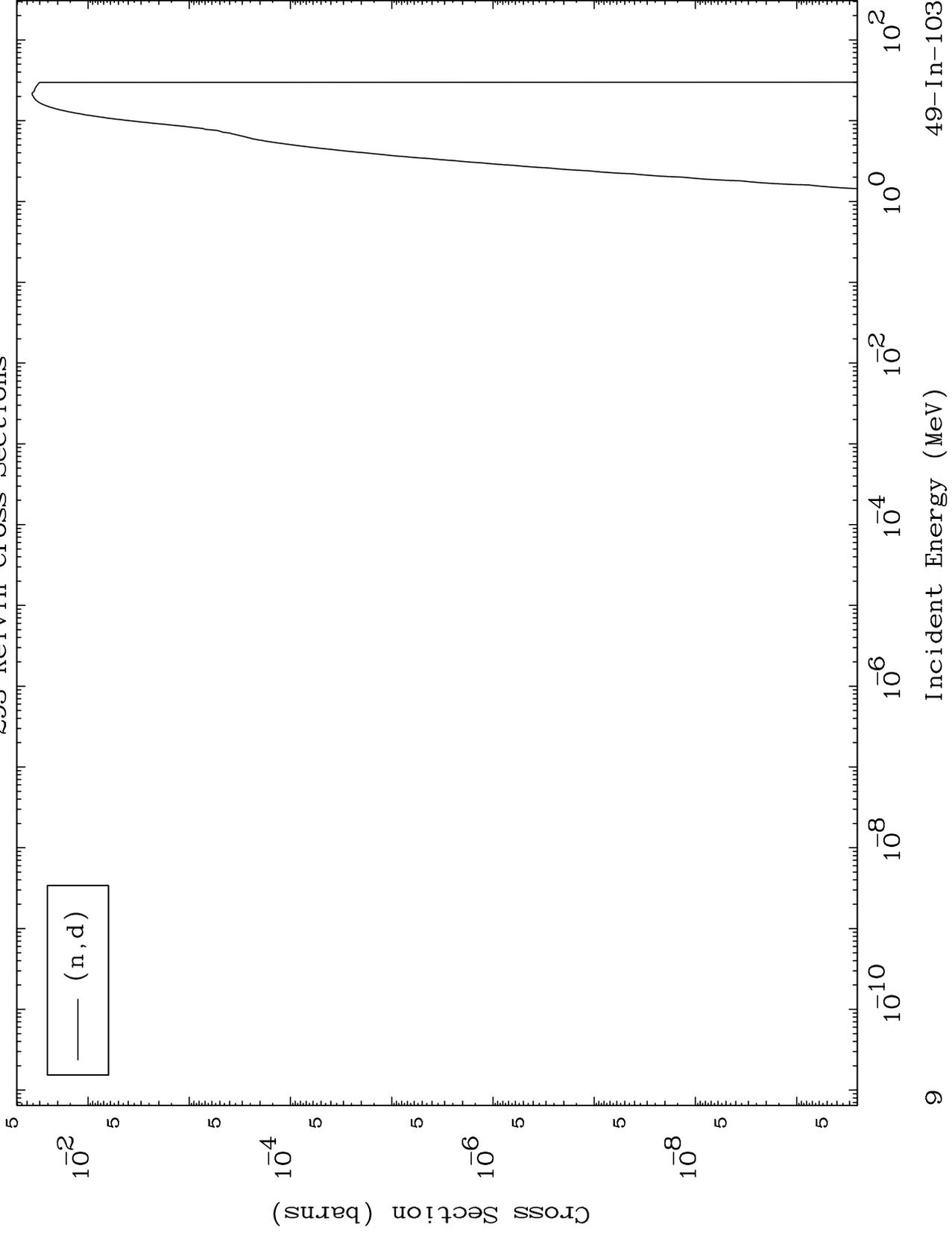
49-In-103



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(n,d) Levels  
293 Kelvin Cross Sections

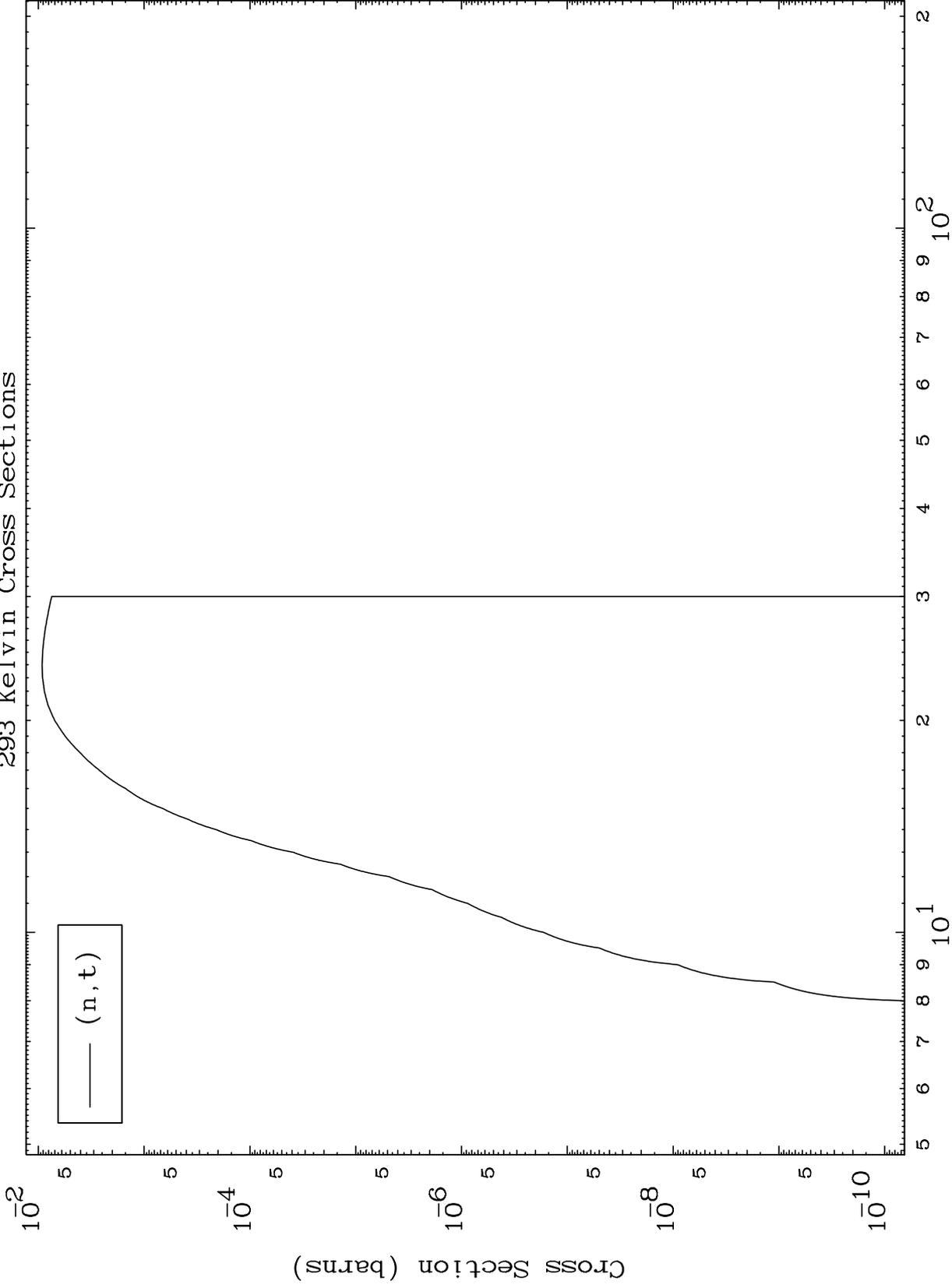
49-In-103



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(n,t) Levels  
293 Kelvin Cross Sections

49-In-103



10

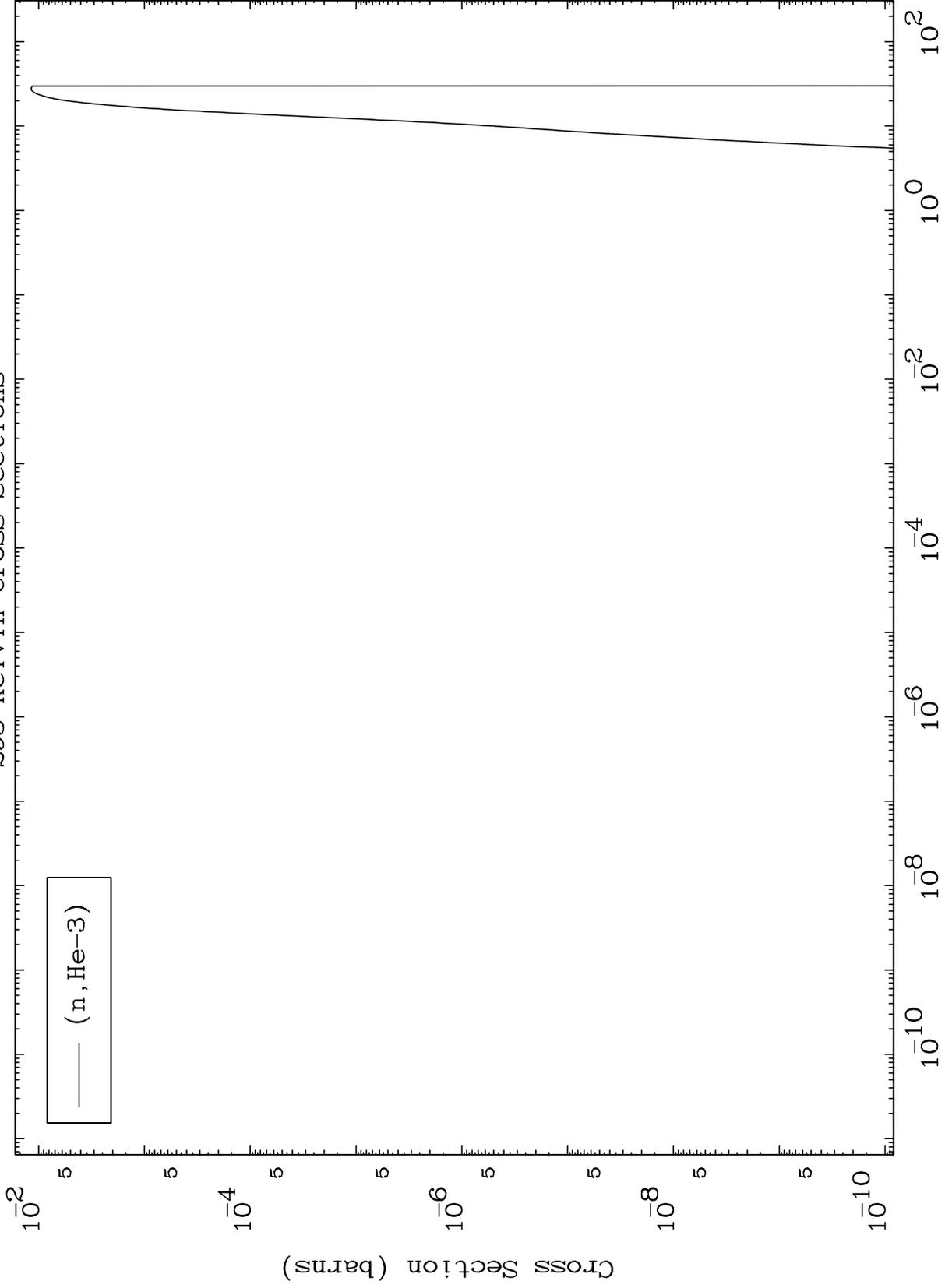
Incident Energy (MeV)

49-In-103

MAT 4896

(n,He3) Levels  
293 Kelvin Cross Sections

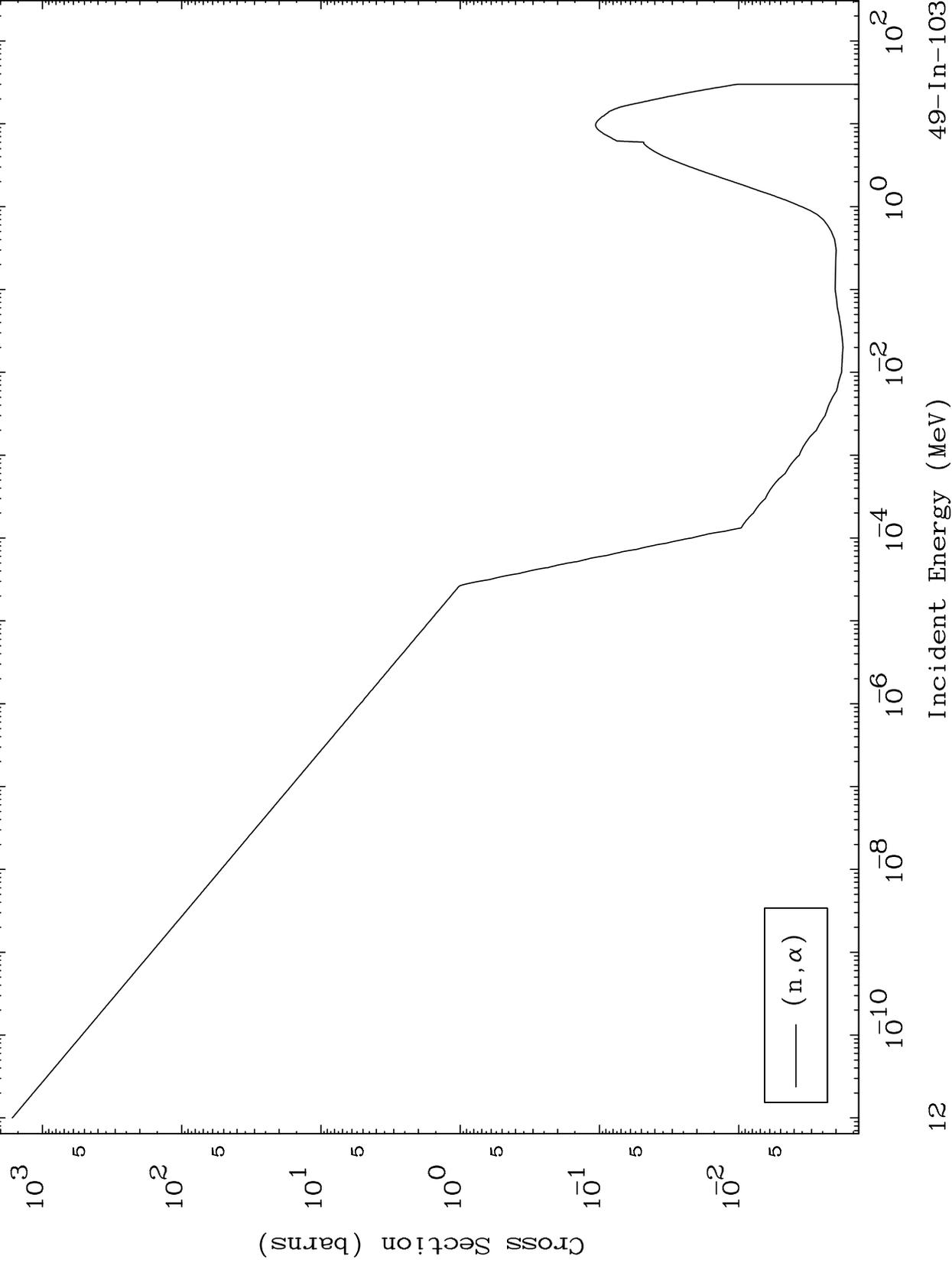
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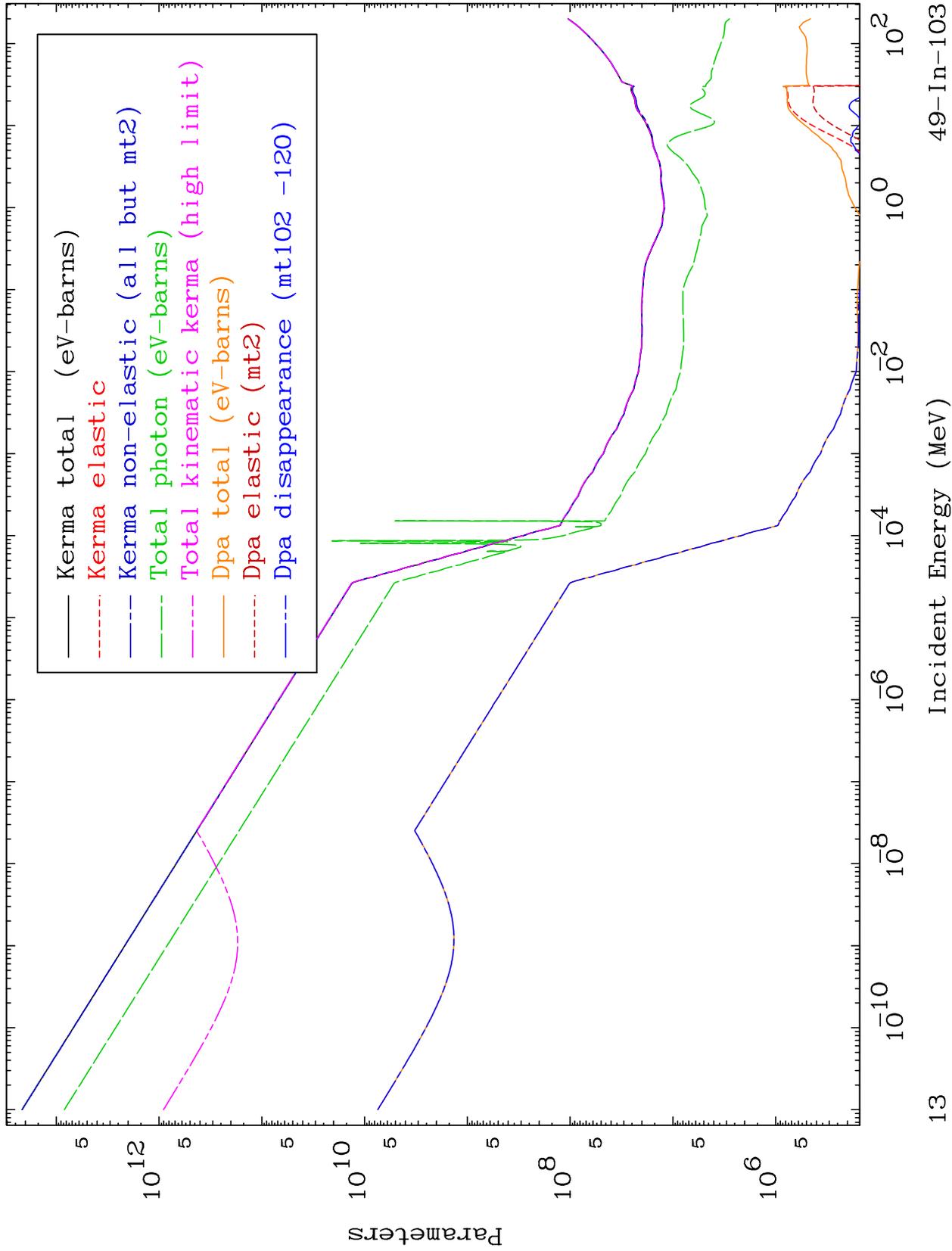


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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

49-In-103

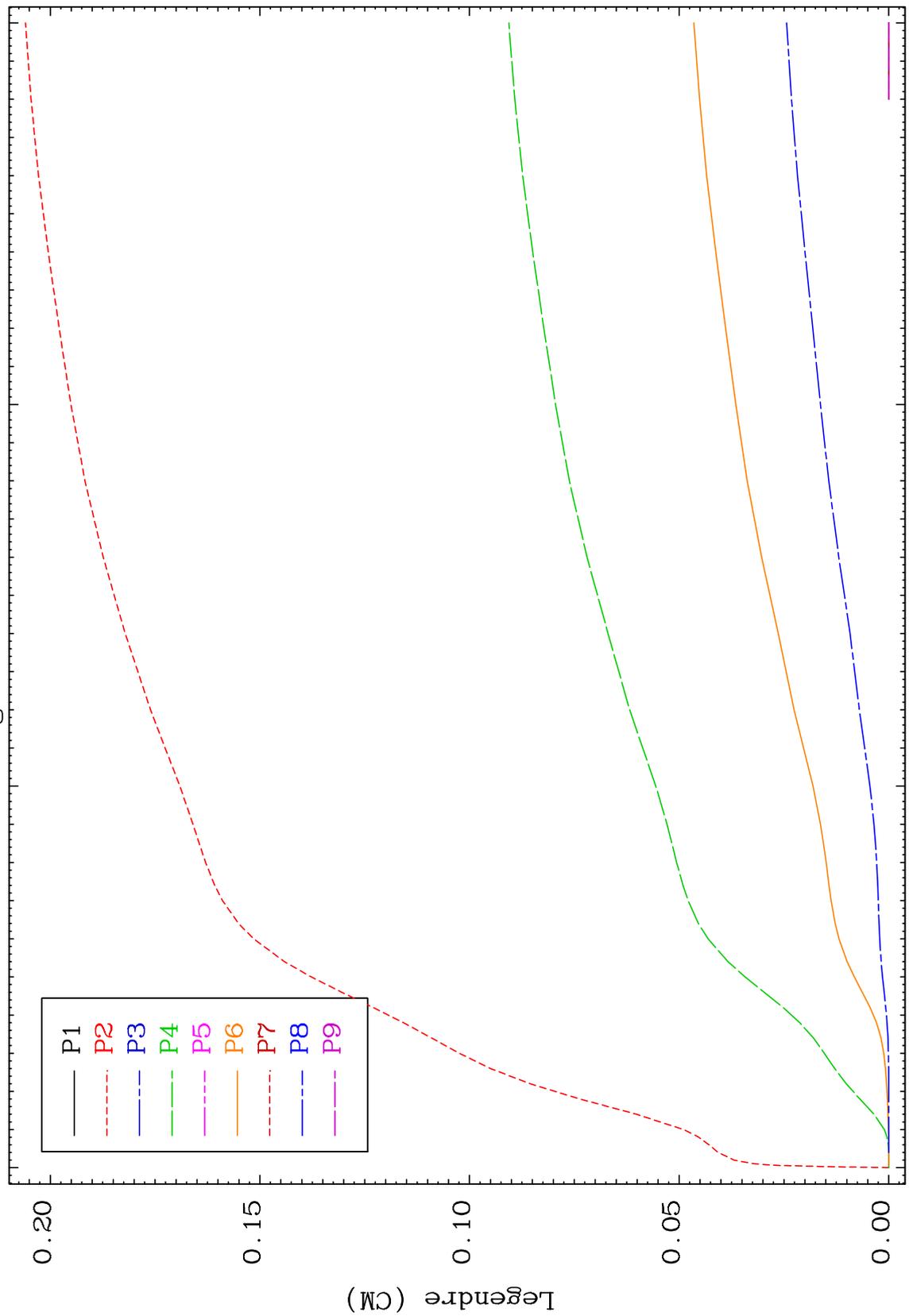




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Elastic Legendre Coefficients

49-In-103



14

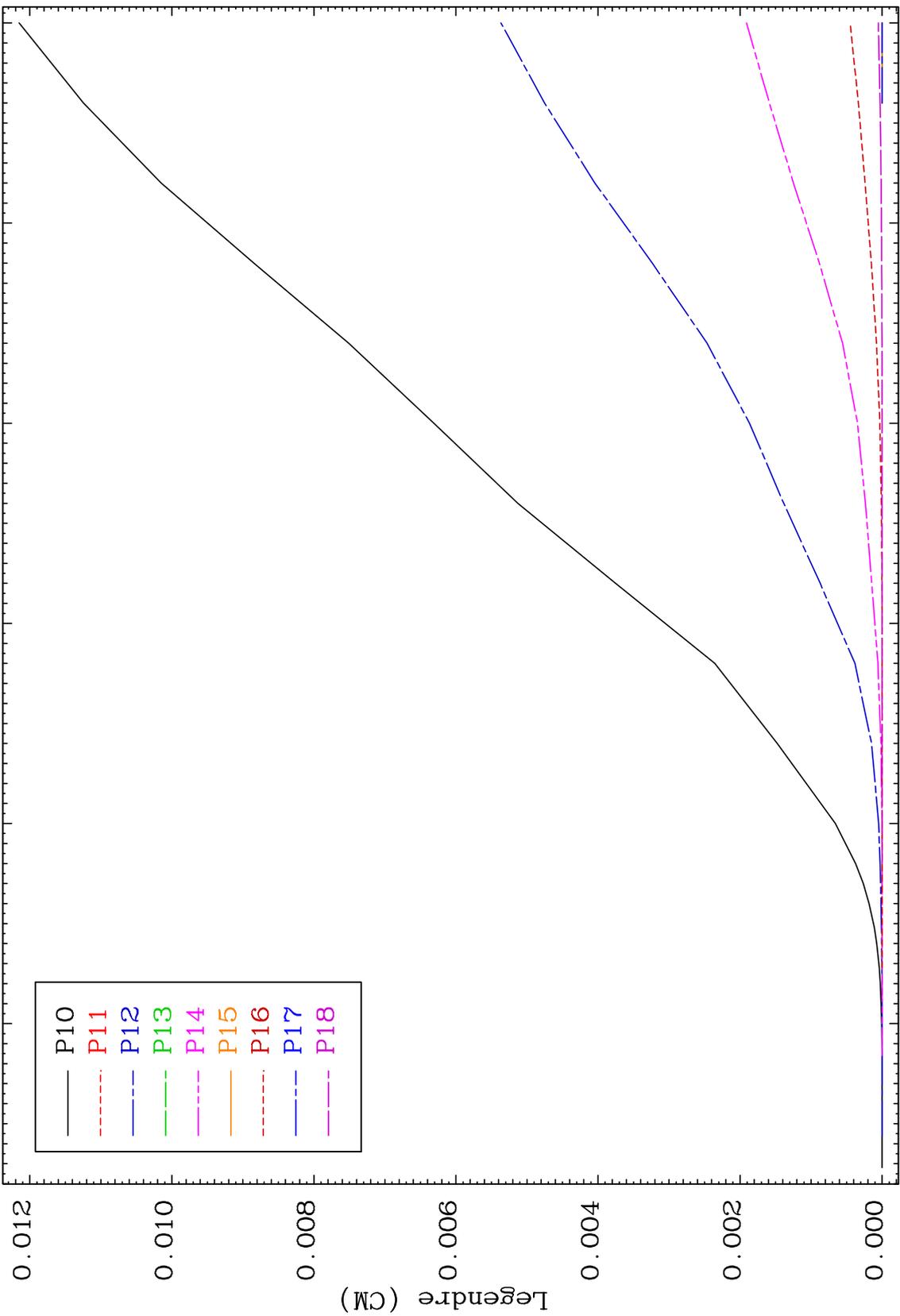
Incident Energy (MeV)

49-In-103

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Elastic Legendre Coefficients

49-In-103



15

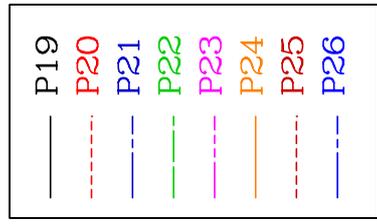
Incident Energy (MeV)

49-In-103

MAT 4896

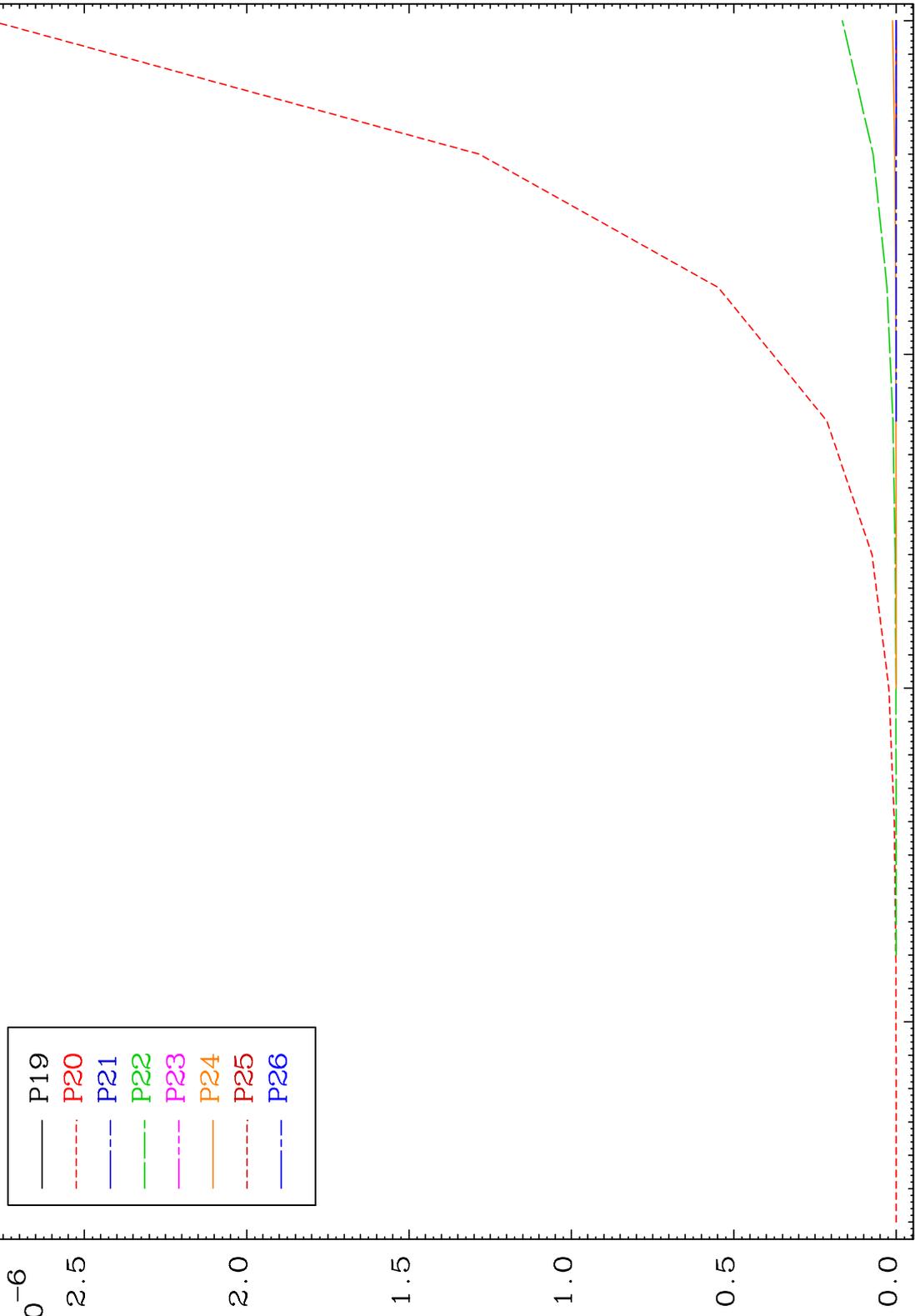
Elastic Legendre Coefficients

49-In-103



$\times 10^{-6}$

Legendre (CM)



16

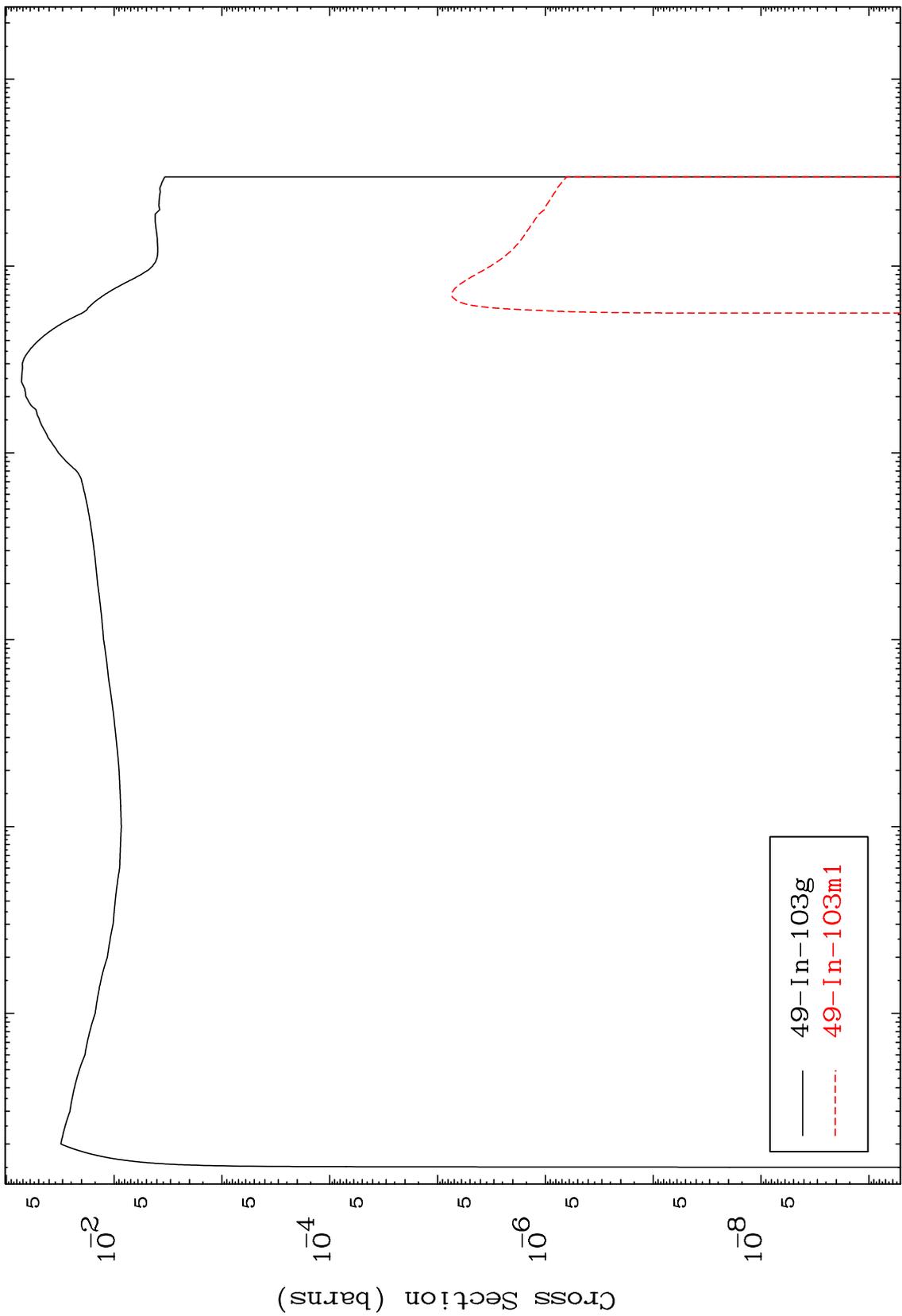
Incident Energy (MeV)

49-In-103

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49-In-103

Inelastic  
Radionuclide Production Cross Section



— 49-In-103g  
- - - 49-In-103m1

49-In-103

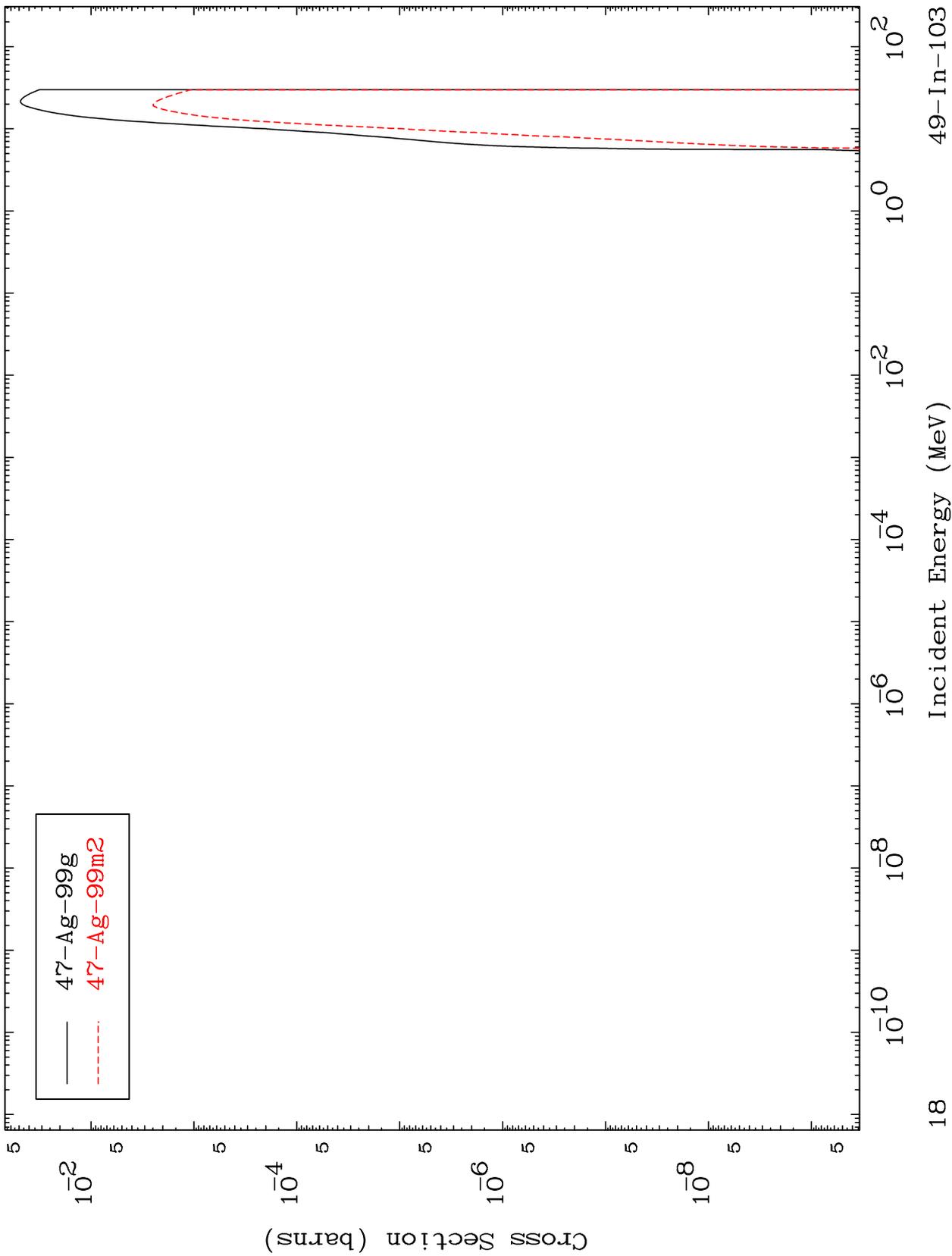
Incident Energy (MeV)

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(n,n')  $\alpha$

49-In-103

Radionuclide Production Cross Section



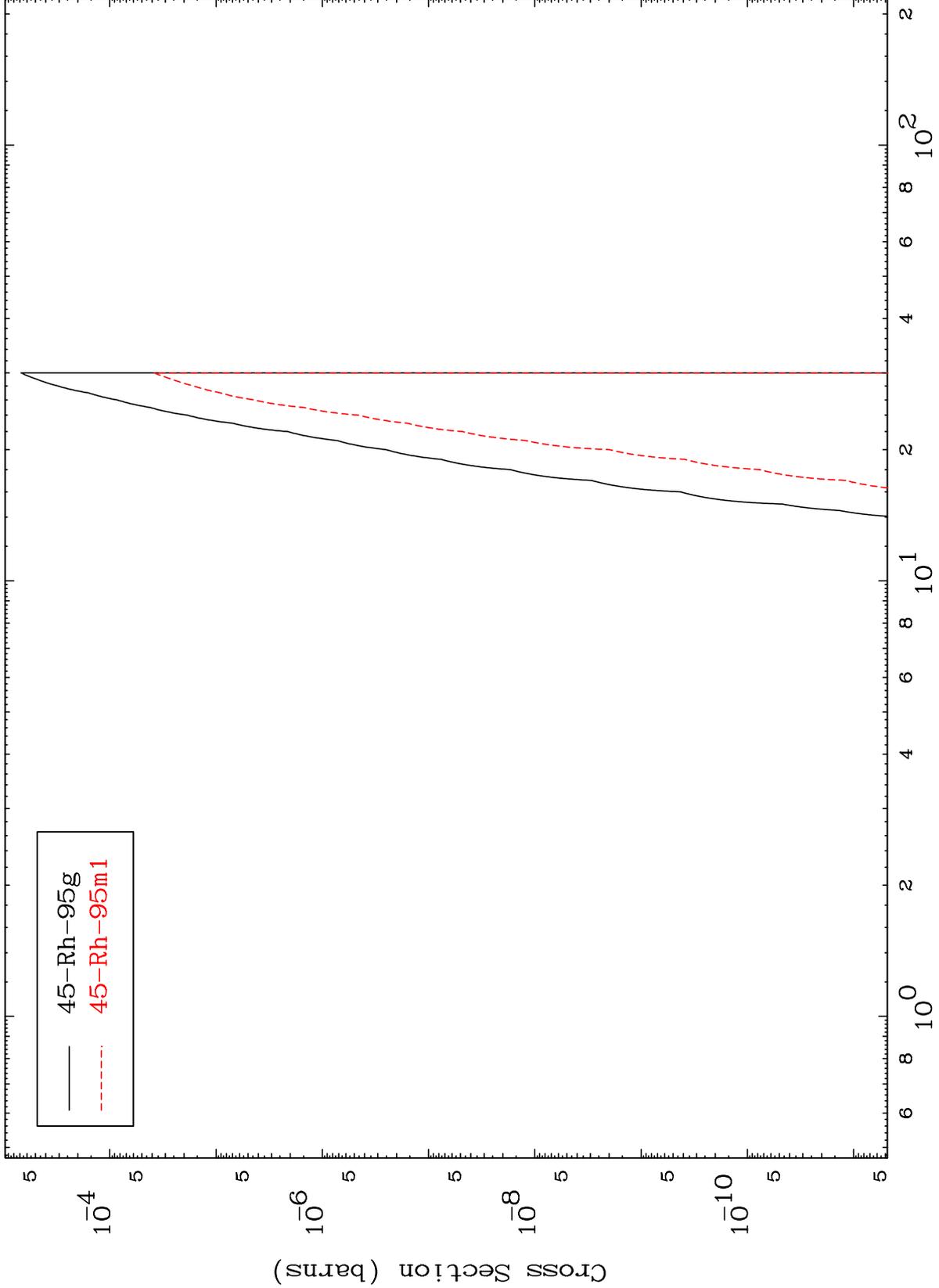
— 47-Ag-99g  
- - - 47-Ag-99m2

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(n,n') 2α

49-In-103

Radionuclide Production Cross Section



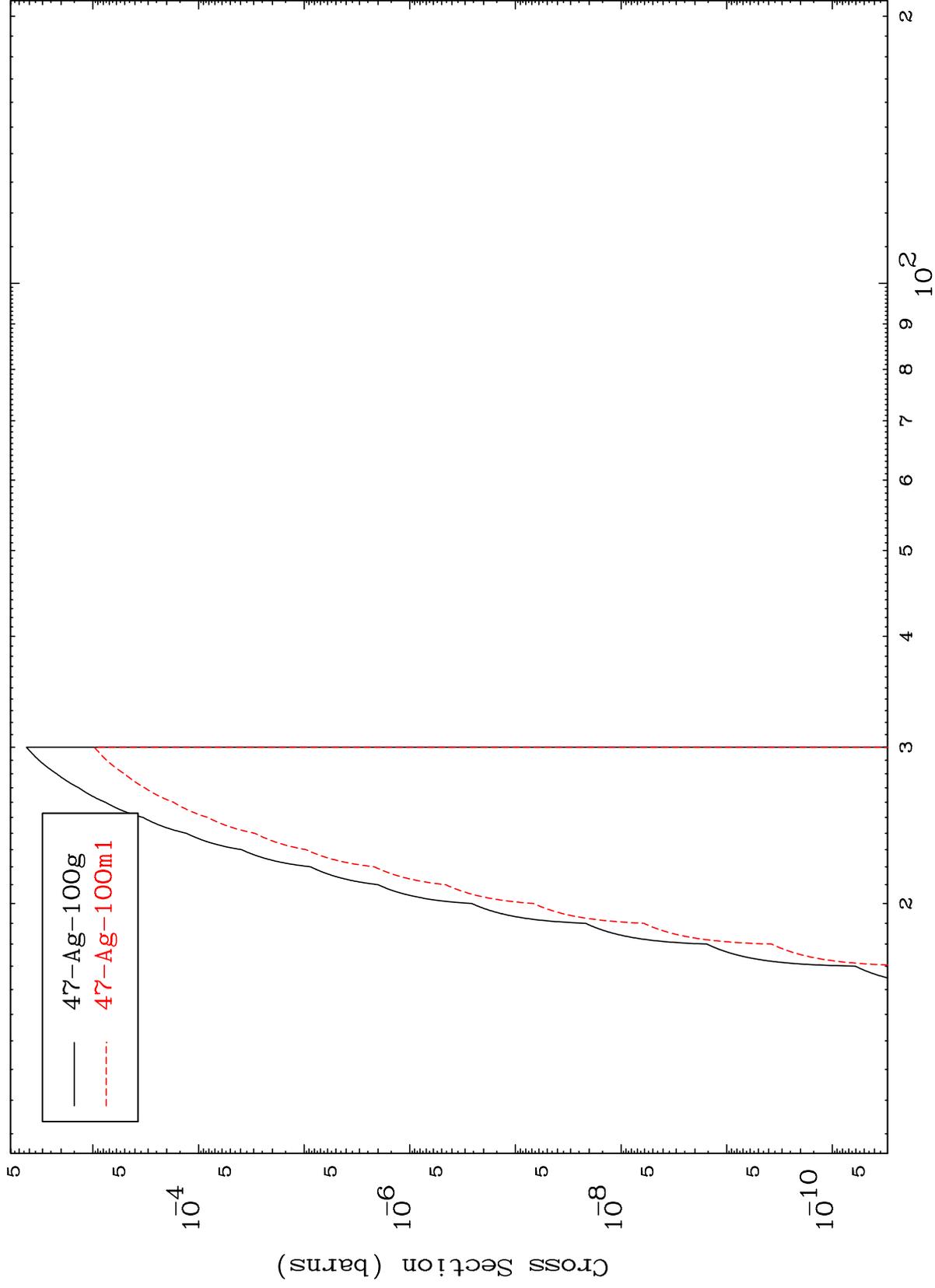
— 45-Rh-95g  
- - - 45-Rh-95m1

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(n,n') He-3

49-In-103

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-103

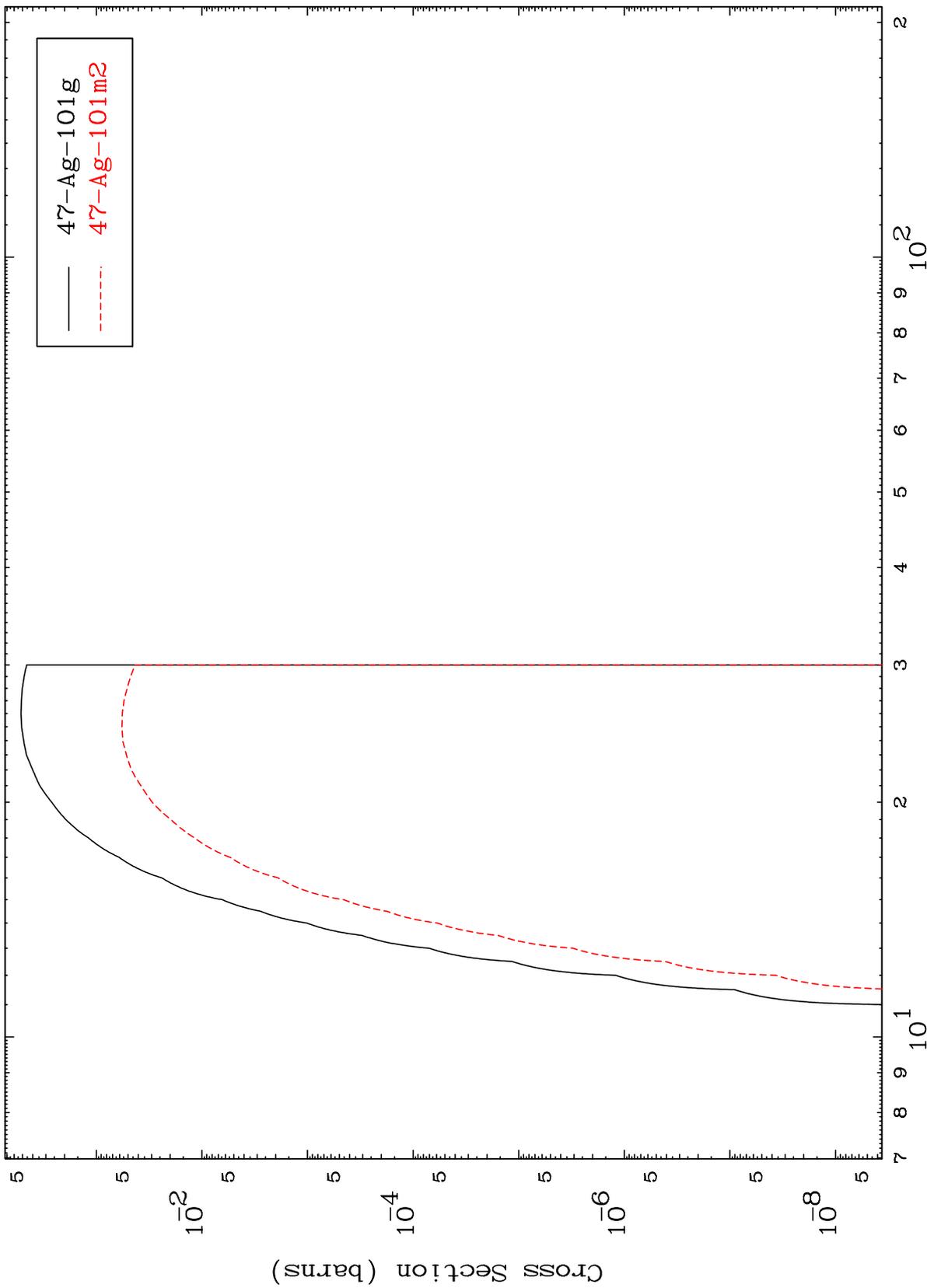
20

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(n,2n) p

49-In-103

Radionuclide Production Cross Section



21

Incident Energy (MeV)

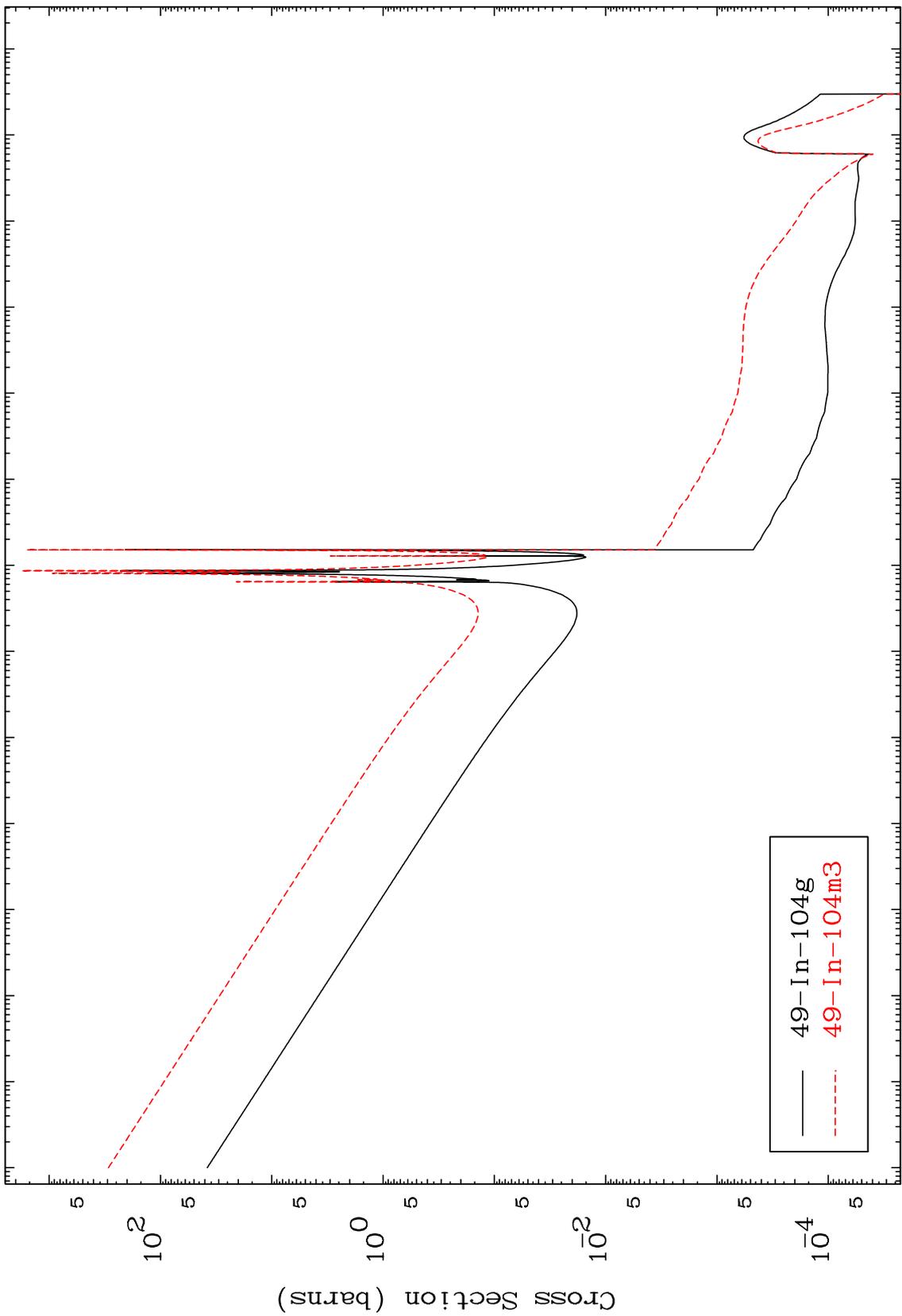
49-In-103

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49-In-103

Radionuclide Production Cross Section

(n,  $\gamma$ )



49-In-103

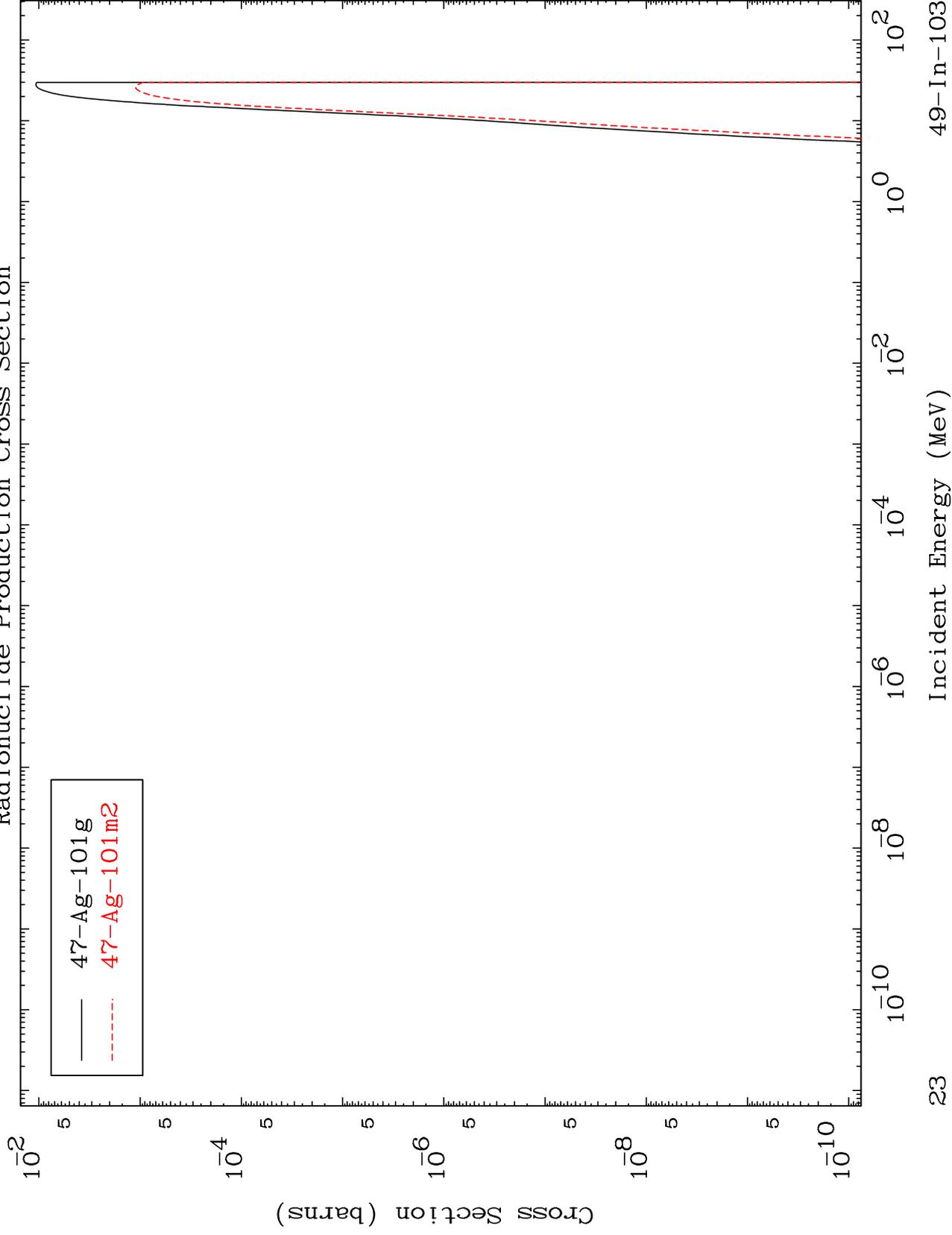
Incident Energy (MeV)

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(n,He-3)

49-In-103

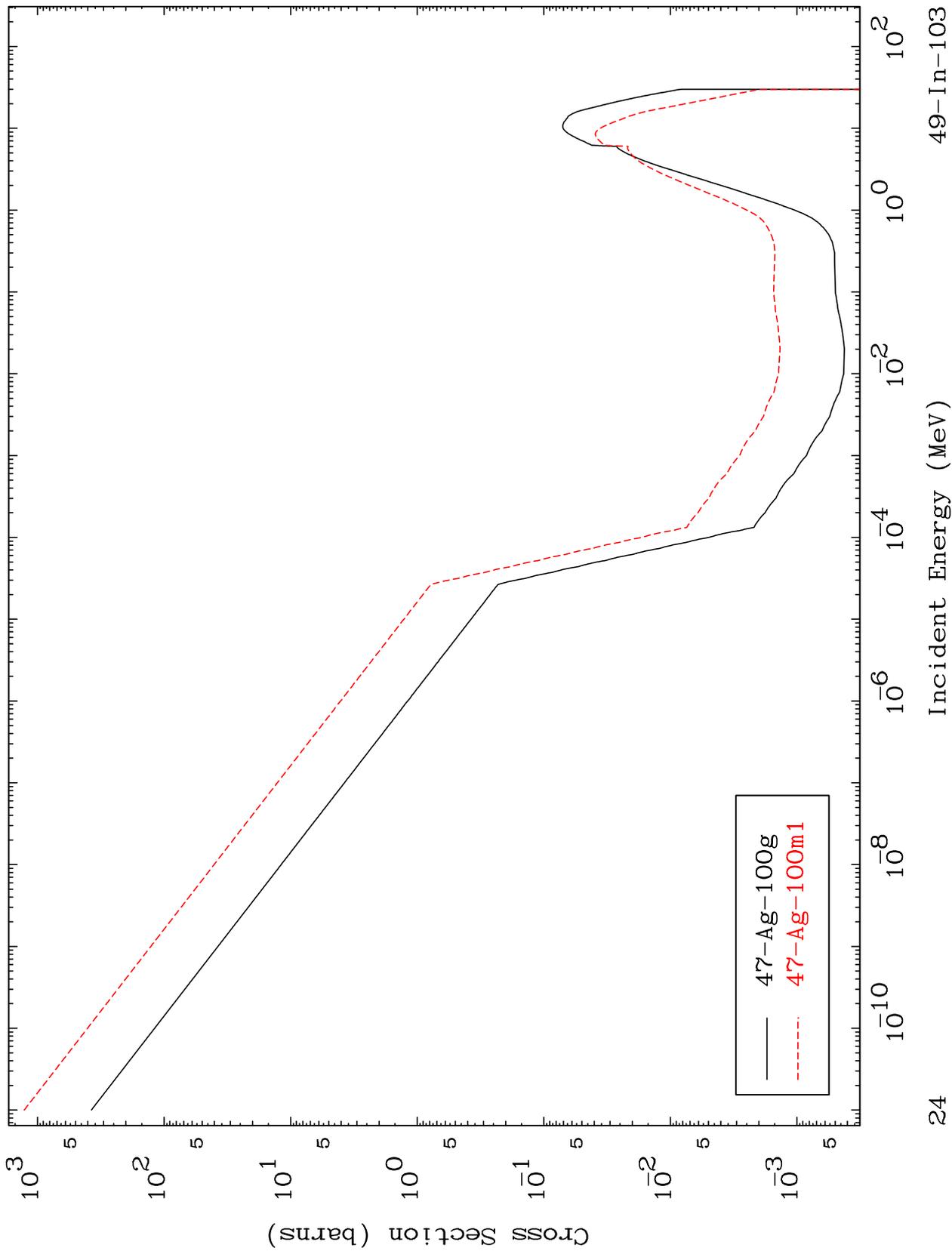
Radionuclide Production Cross Section



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49-In-103

Radionuclide Production Cross Section

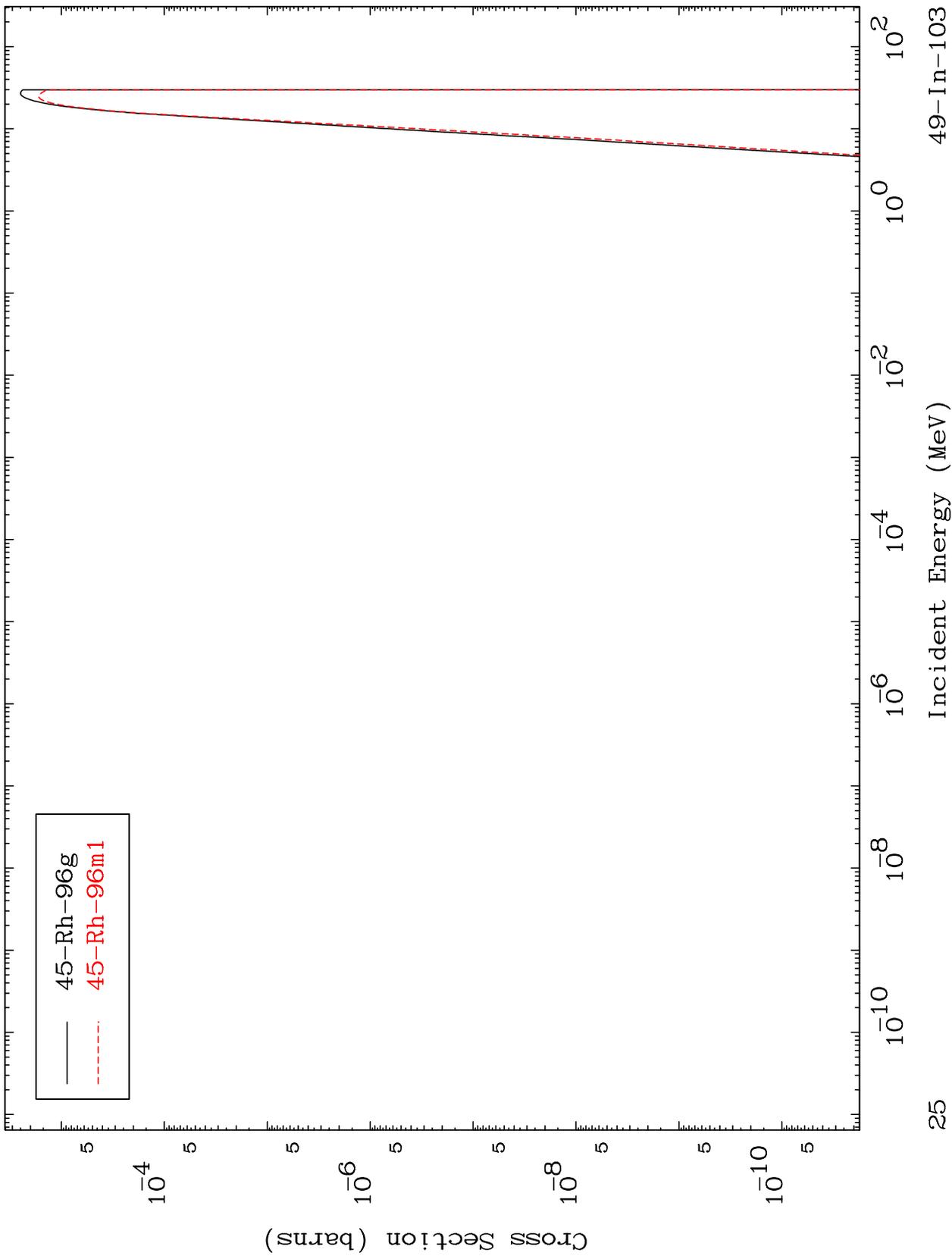


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(n,2α)

49-In-103

Radionuclide Production Cross Section



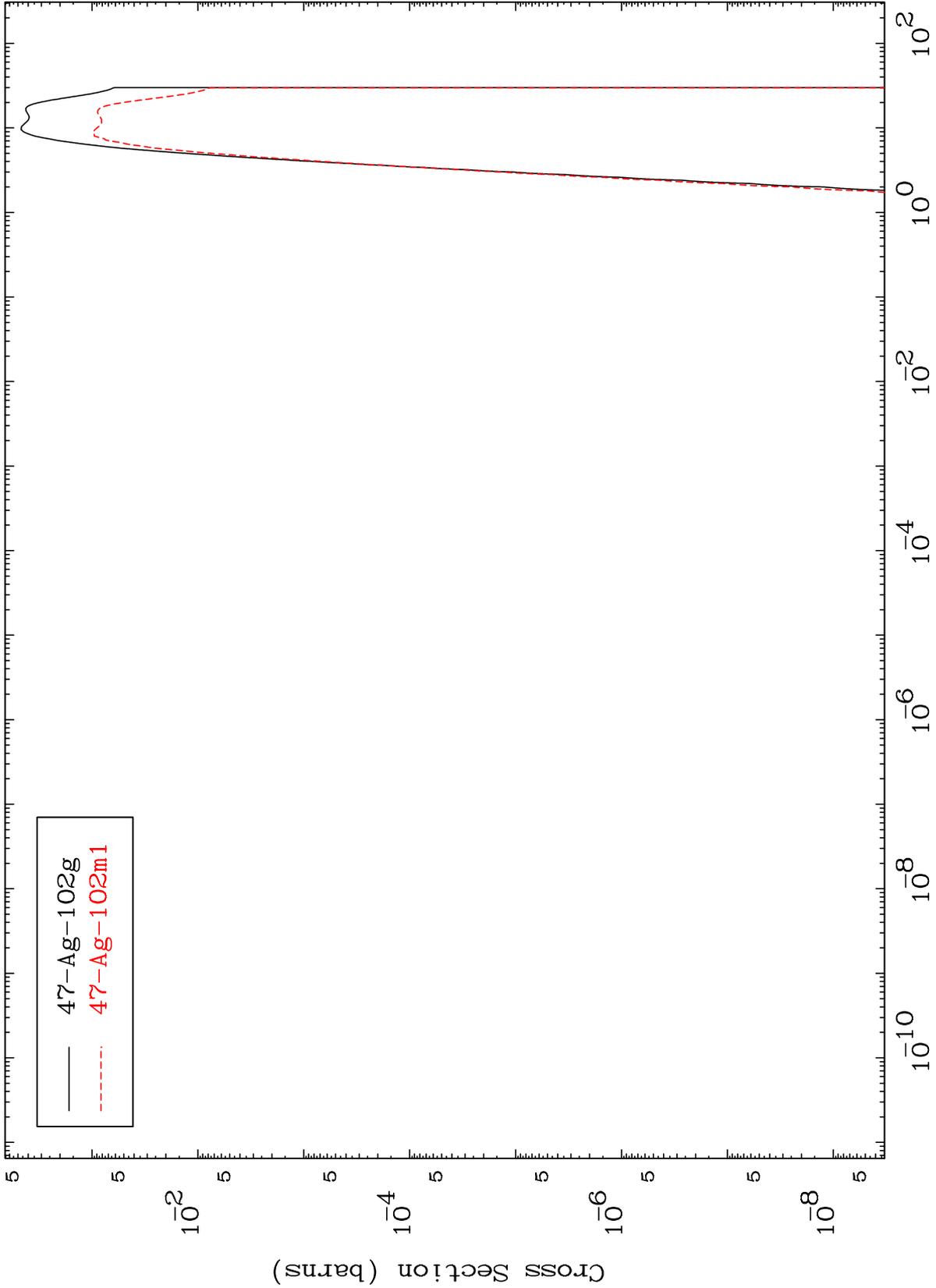
45-Rh-96g  
45-Rh-96m1

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(n,2p)

49-In-103

Radionuclide Production Cross Section



26

Incident Energy (MeV)

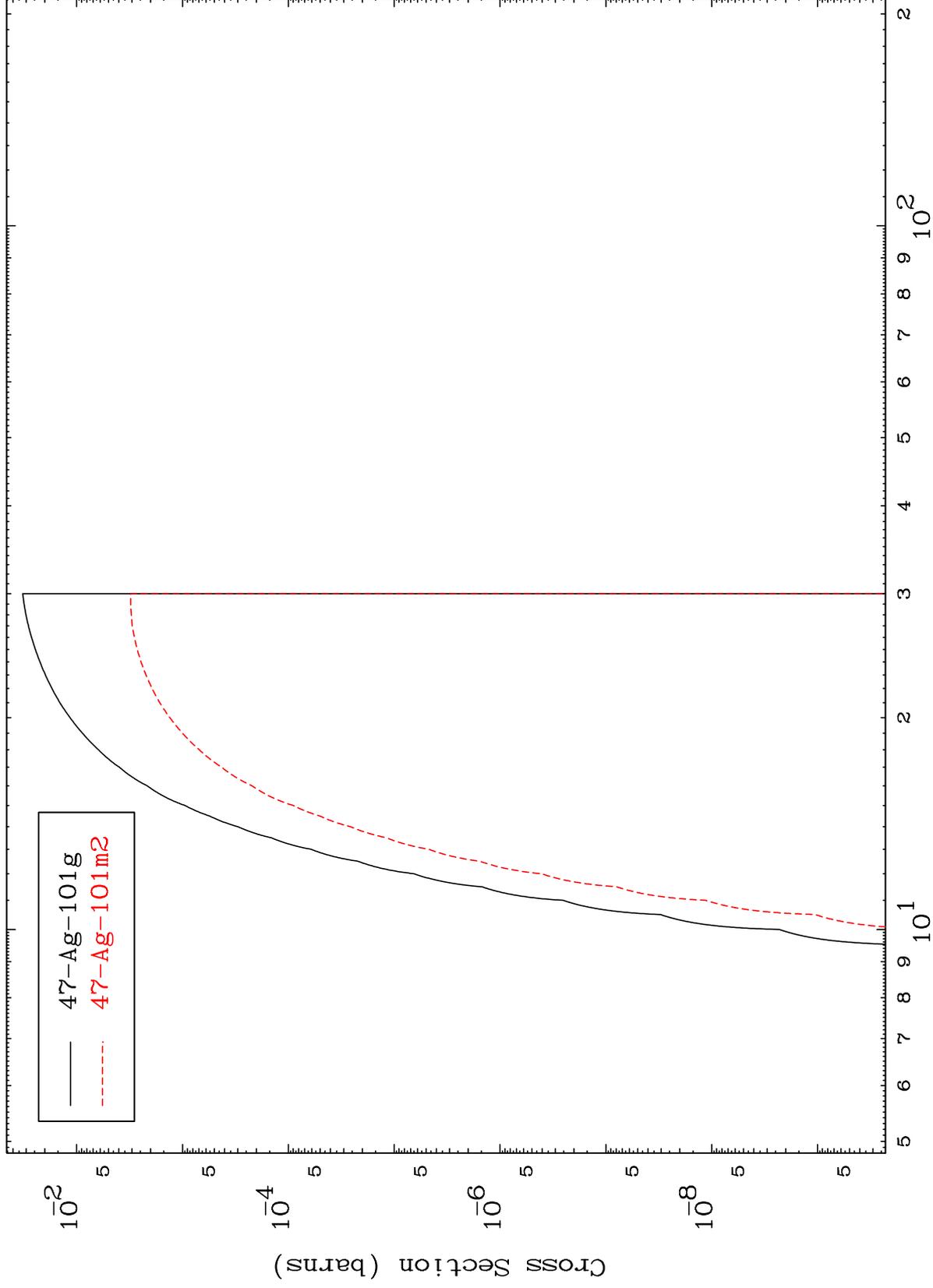
49-In-103

MAT 4896

(n,p) d

49-In-103

Radionuclide Production Cross Section



27

Incident Energy (MeV)

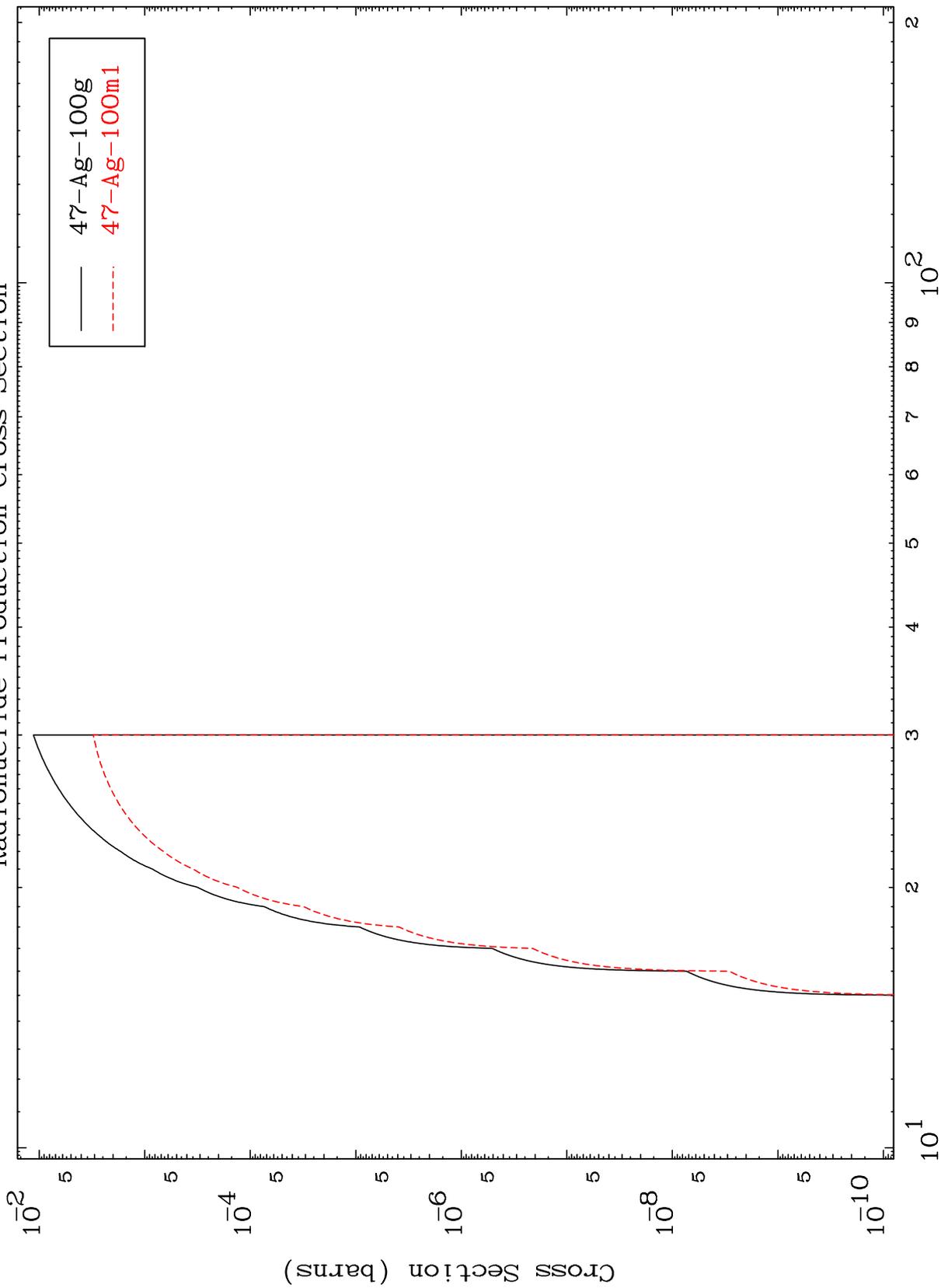
49-In-103

MAT 4896

(n,p) t

49-In-103

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-103

28