

Program EVALPLOT  
(Version 2017-1)

by

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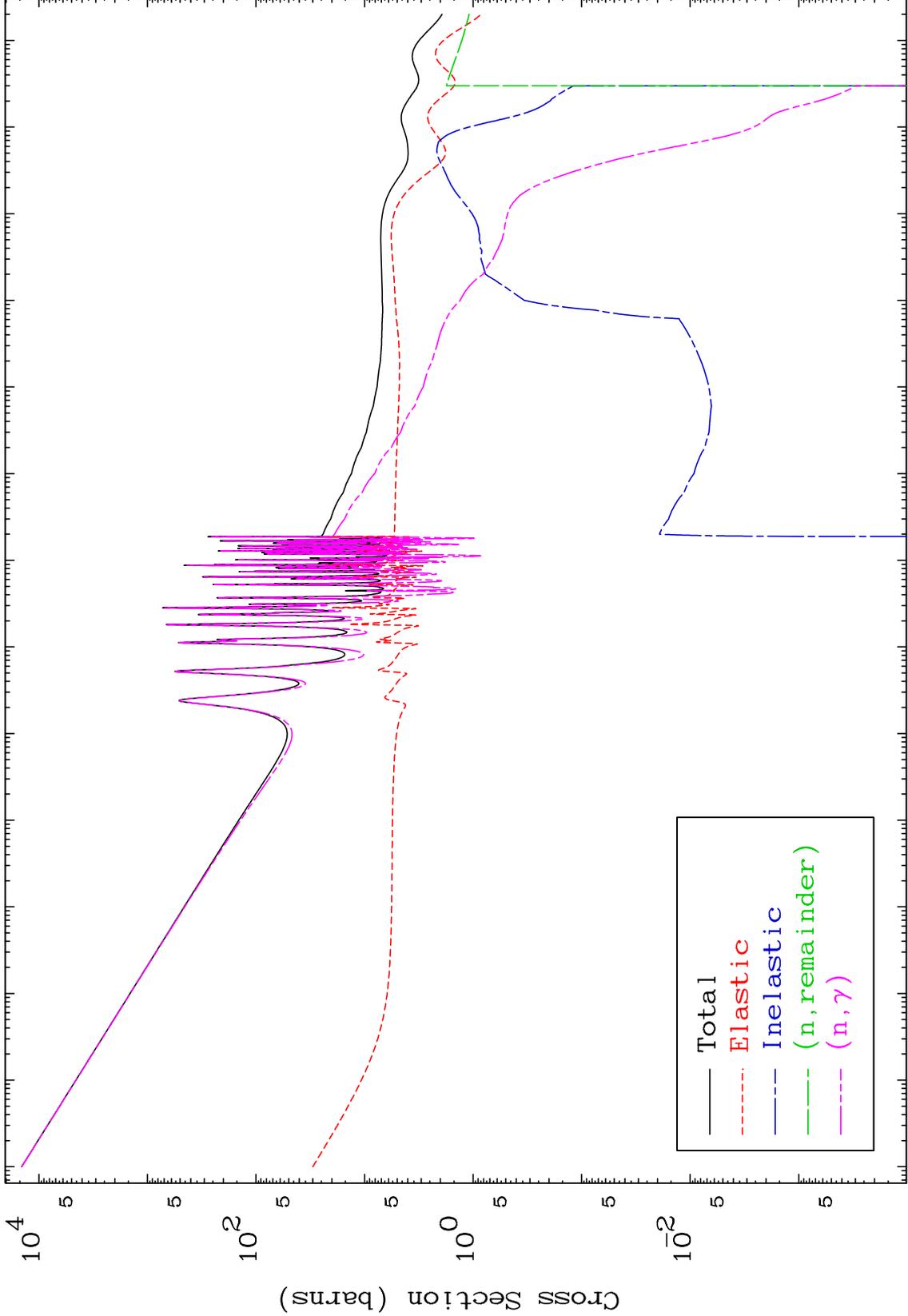
Press Mouse Button to Start

MAT 4936

Major

293 Kelvin Cross Sections

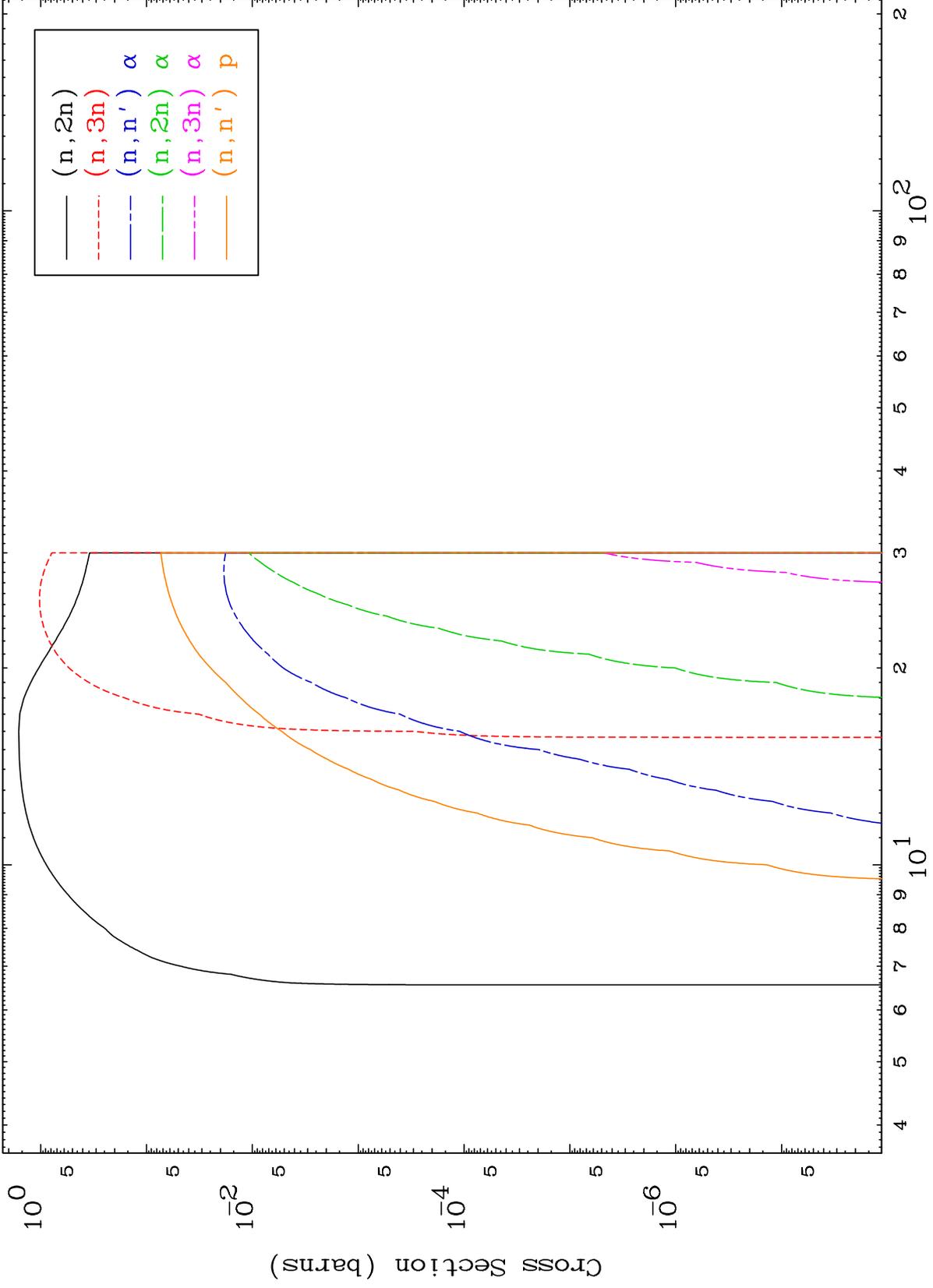
49-In-116



MAT 4936

Neutron Production  
293 Kelvin Cross Sections

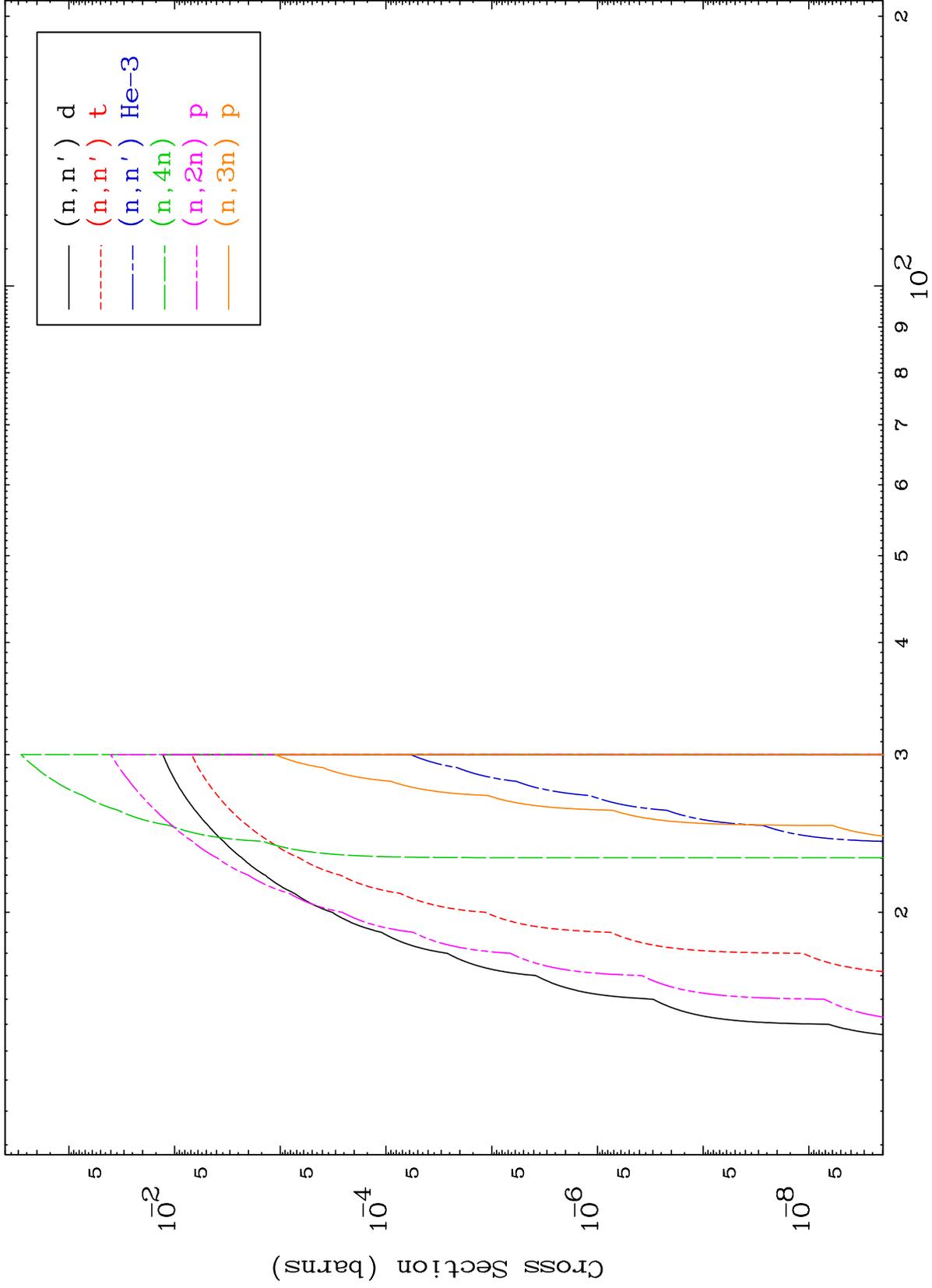
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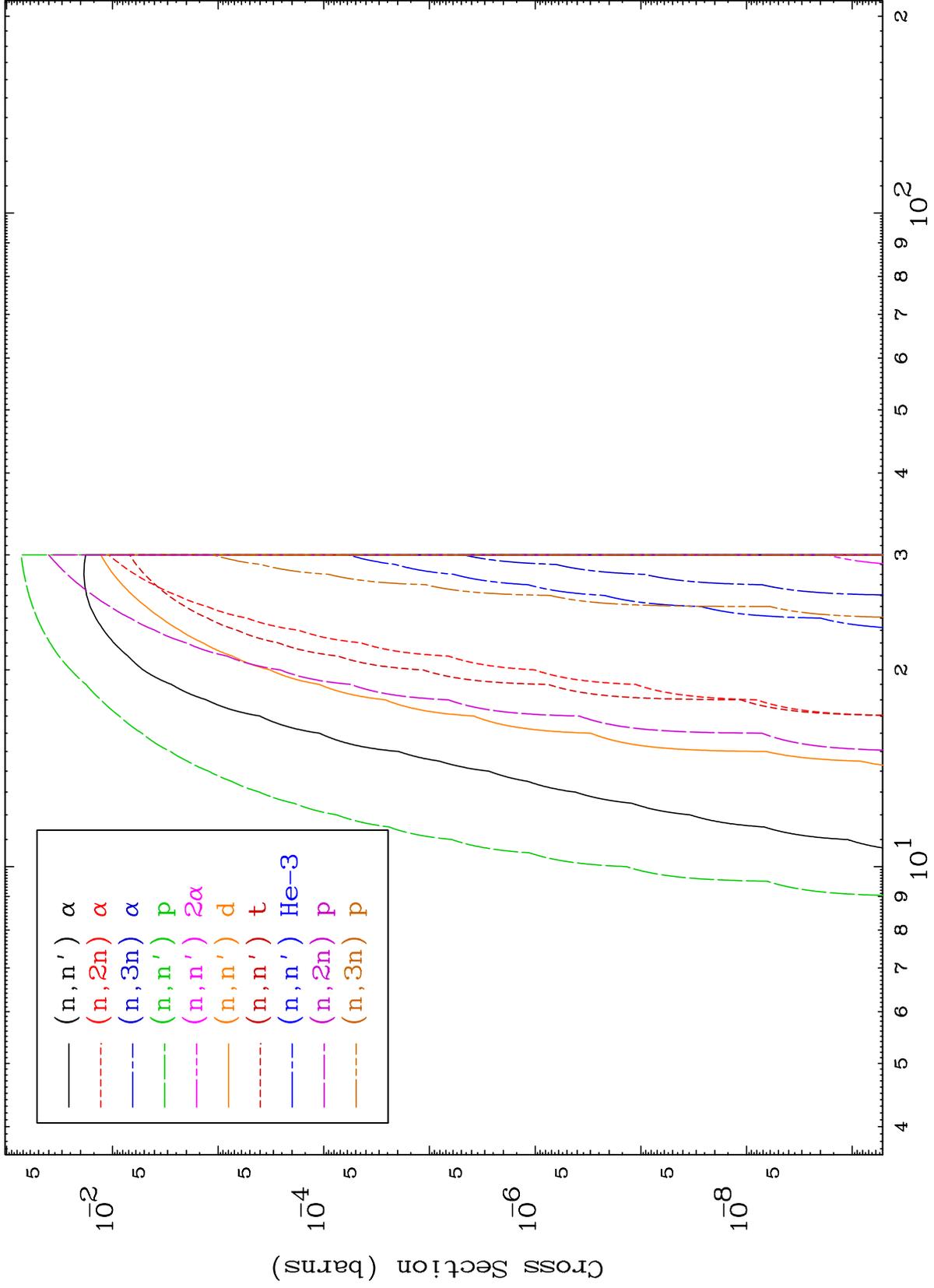


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Incident Energy (MeV)

49-In-116

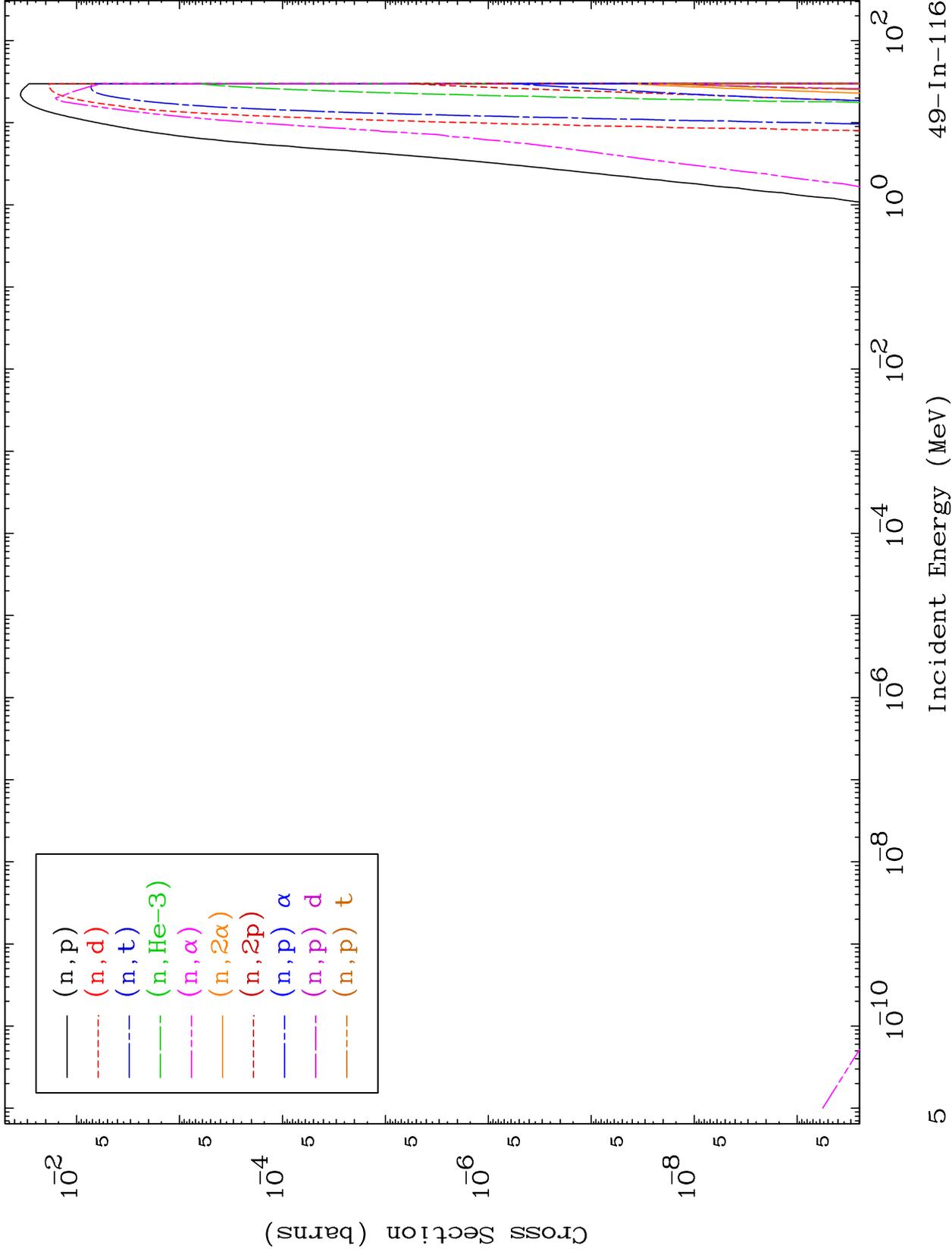


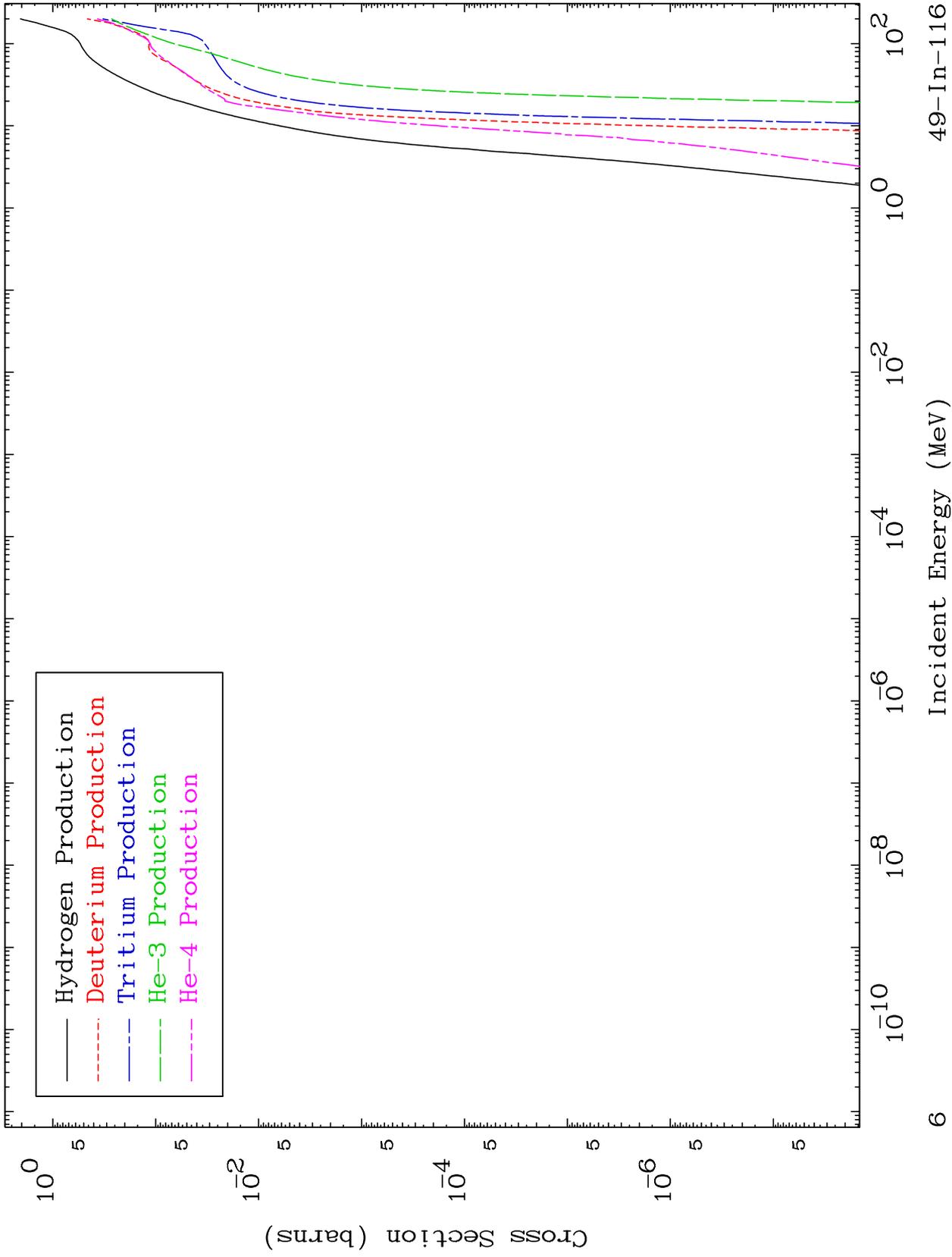


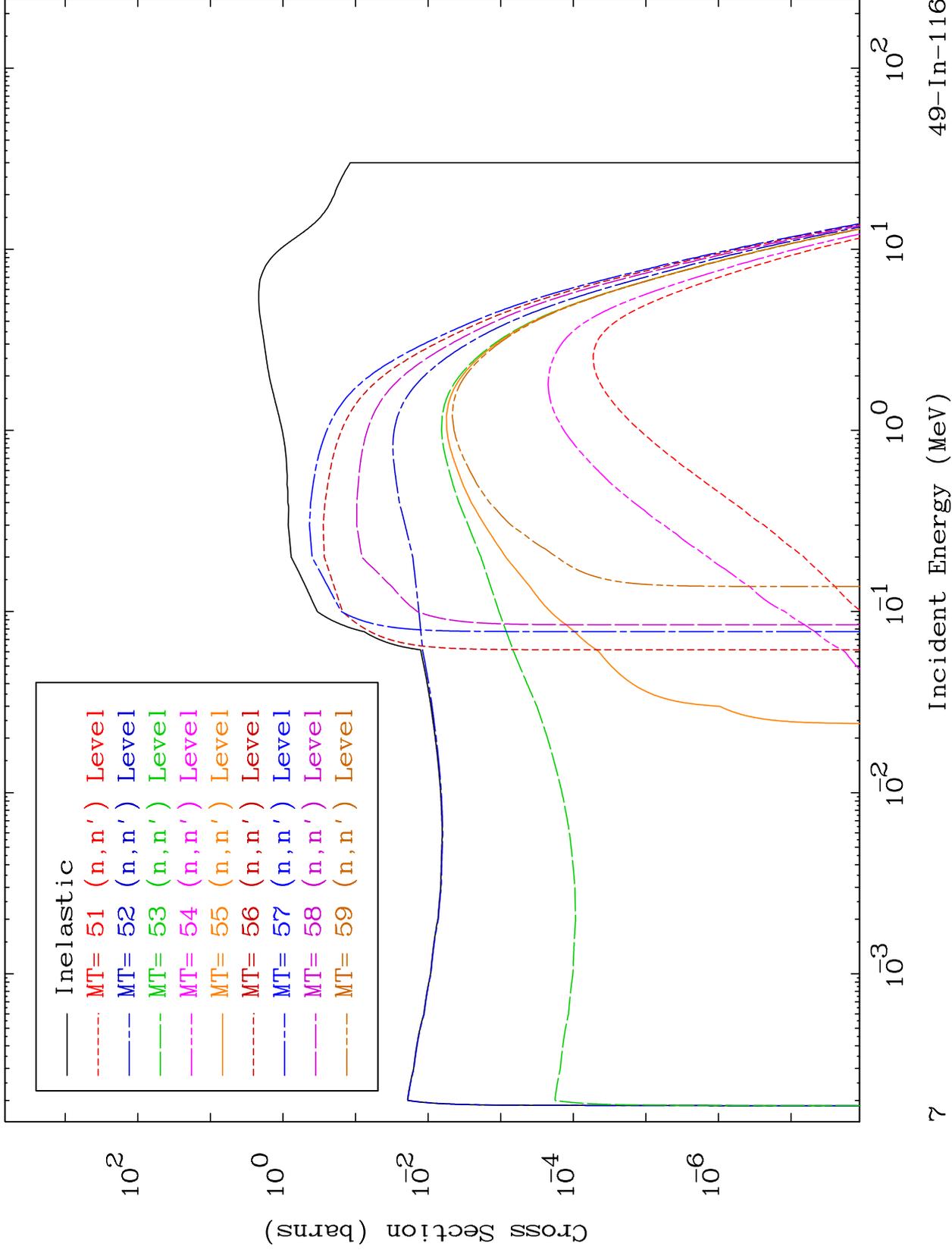
MAT 4936

Charged Particle  
293 Kelvin Cross Sections

49-In-116







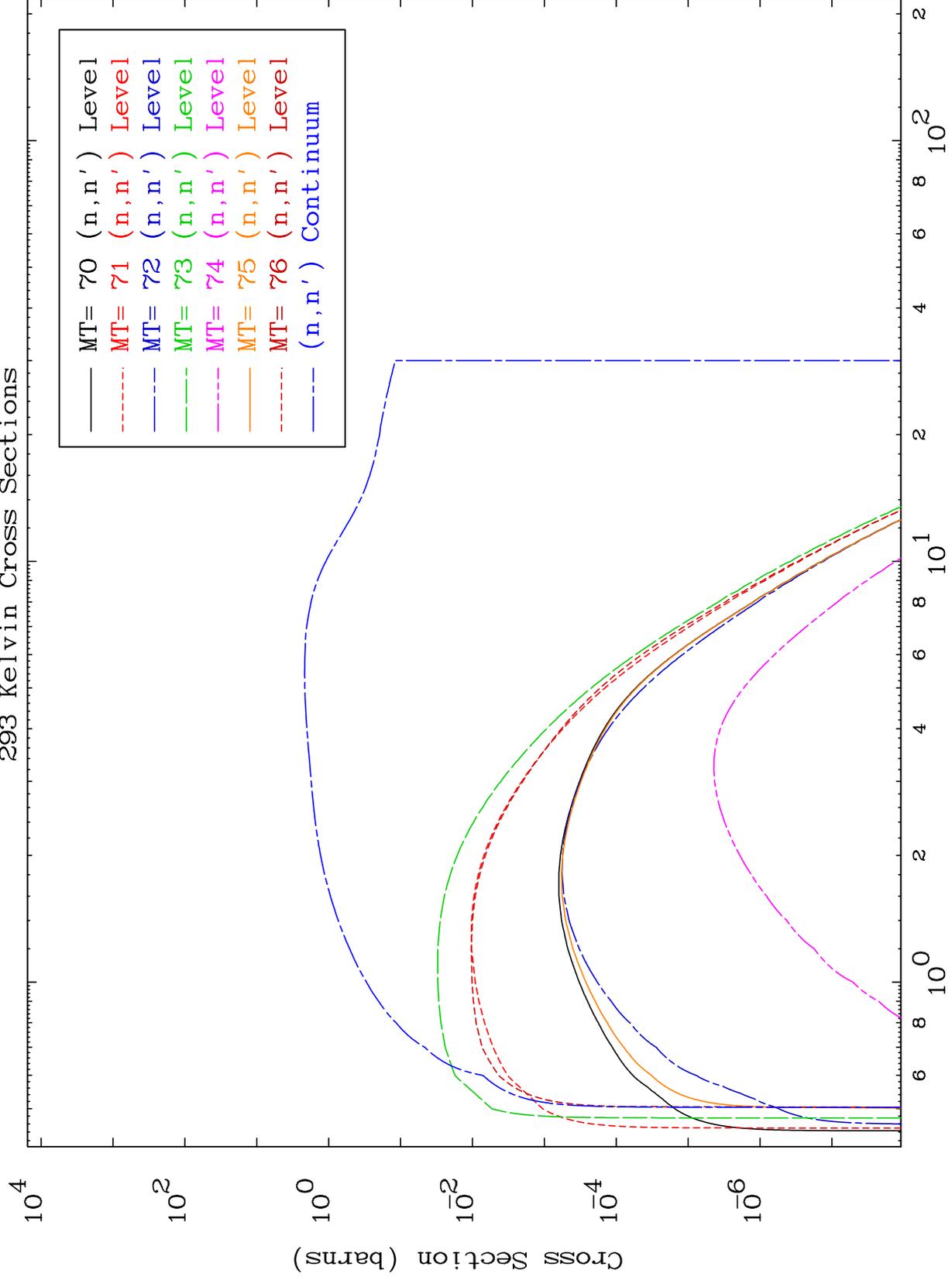


MAT 4936

(n,n') Level

49-In-116

293 Kelvin Cross Sections



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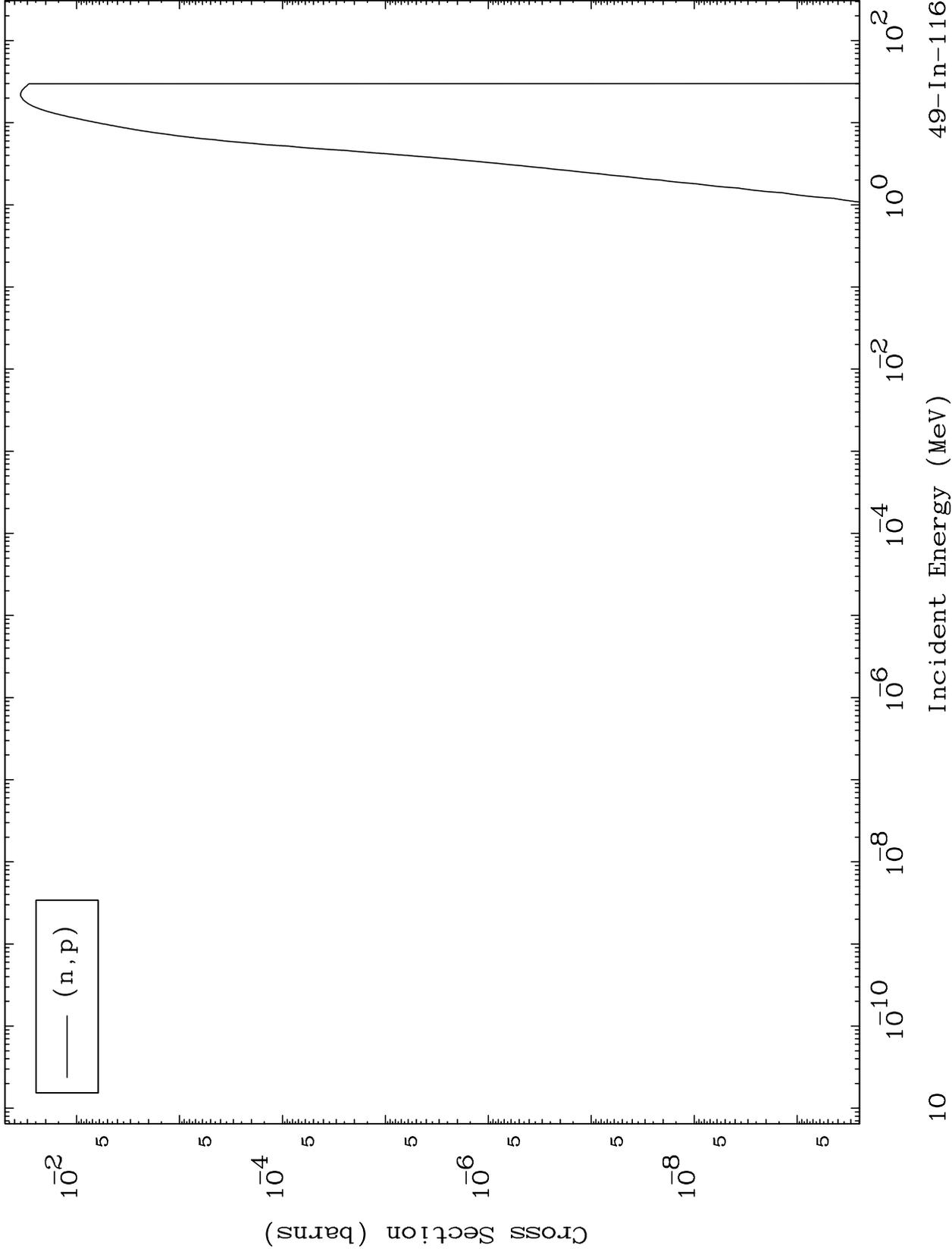
Incident Energy (MeV)

49-In-116

MAT 4936

(n,p) Levels  
293 Kelvin Cross Sections

49-In-116



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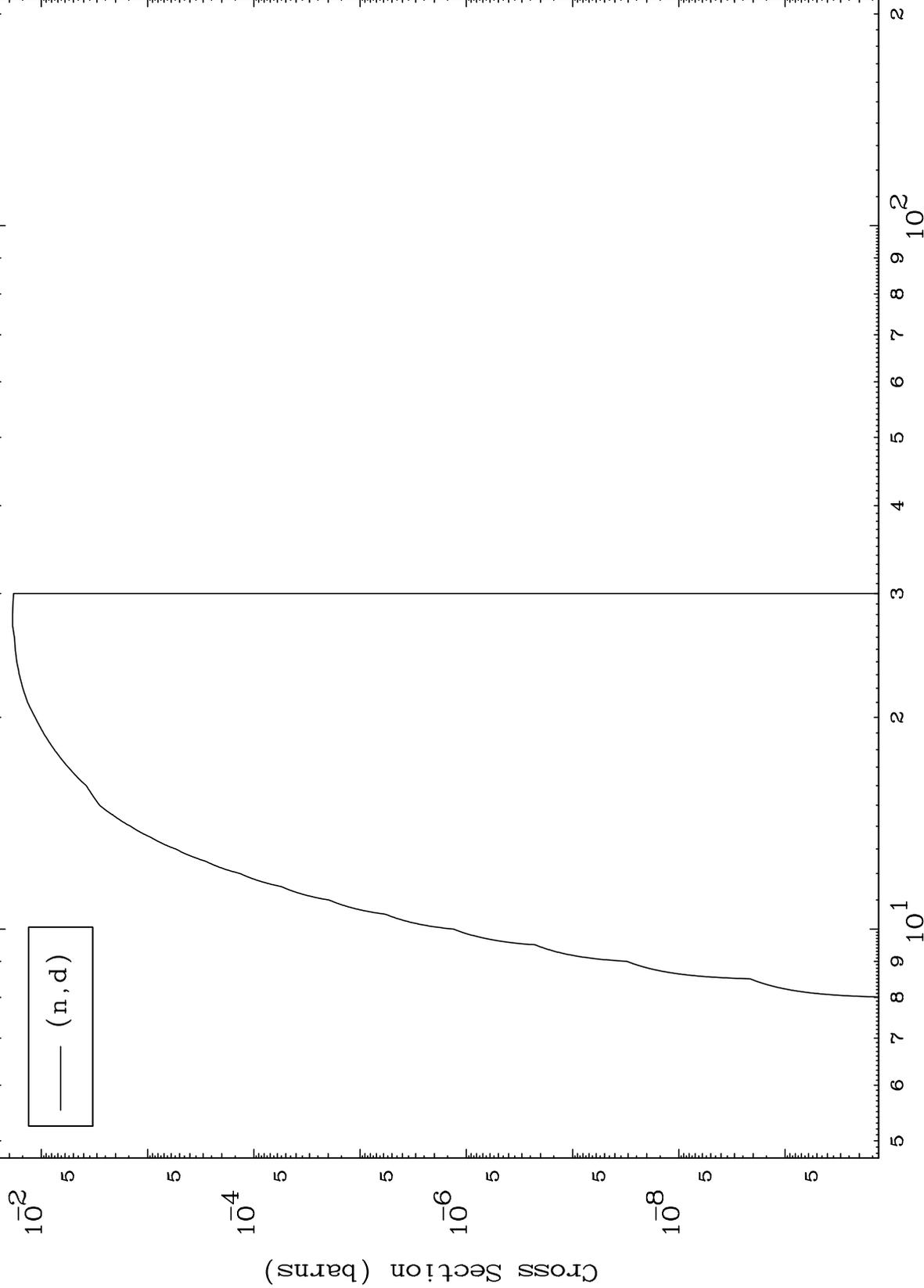
Incident Energy (MeV)

49-In-116

MAT 4936

(n,d) Levels  
293 Kelvin Cross Sections

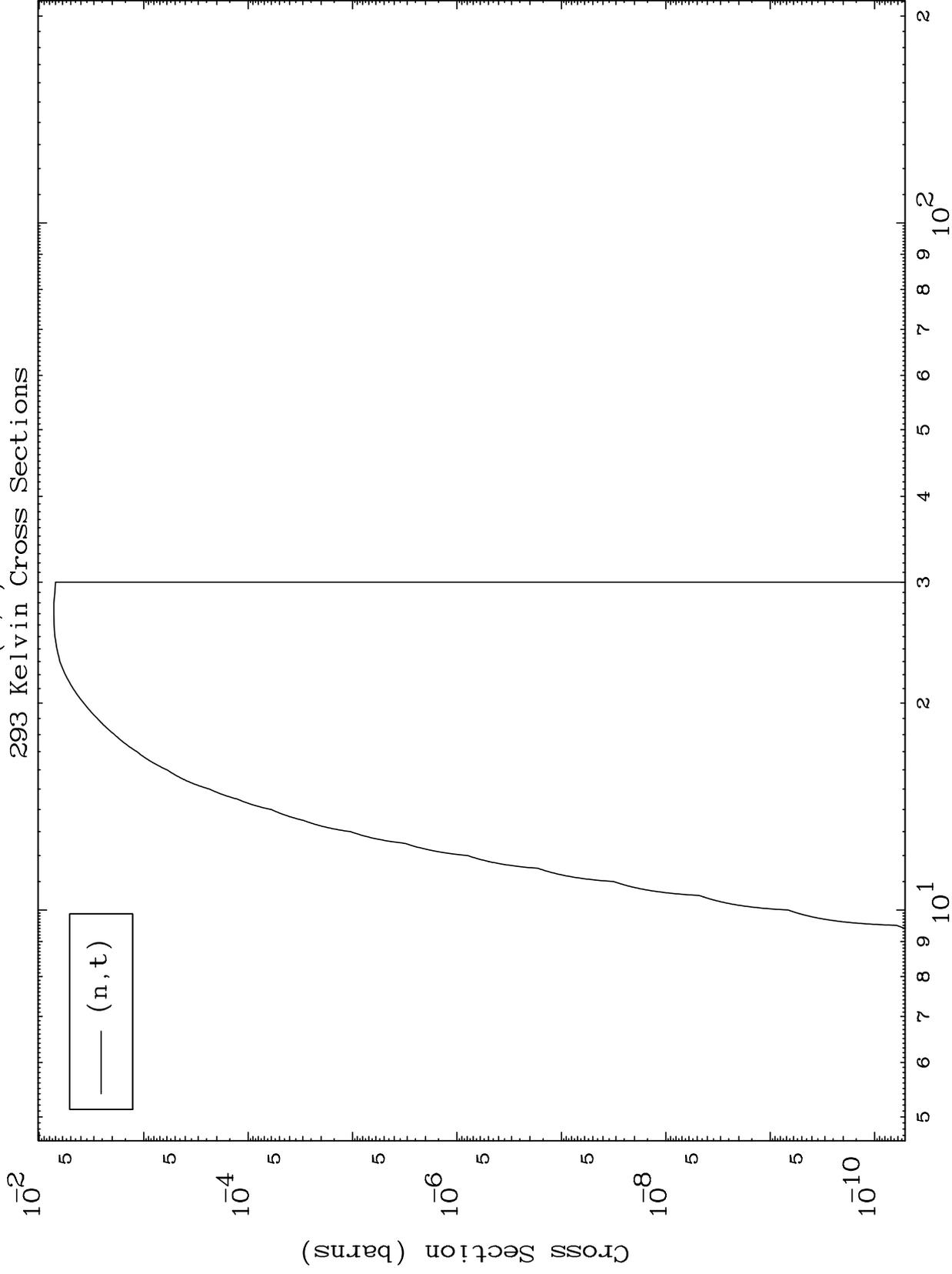
49-In-116



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(n,t) Levels  
293 Kelvin Cross Sections

49-In-116



12

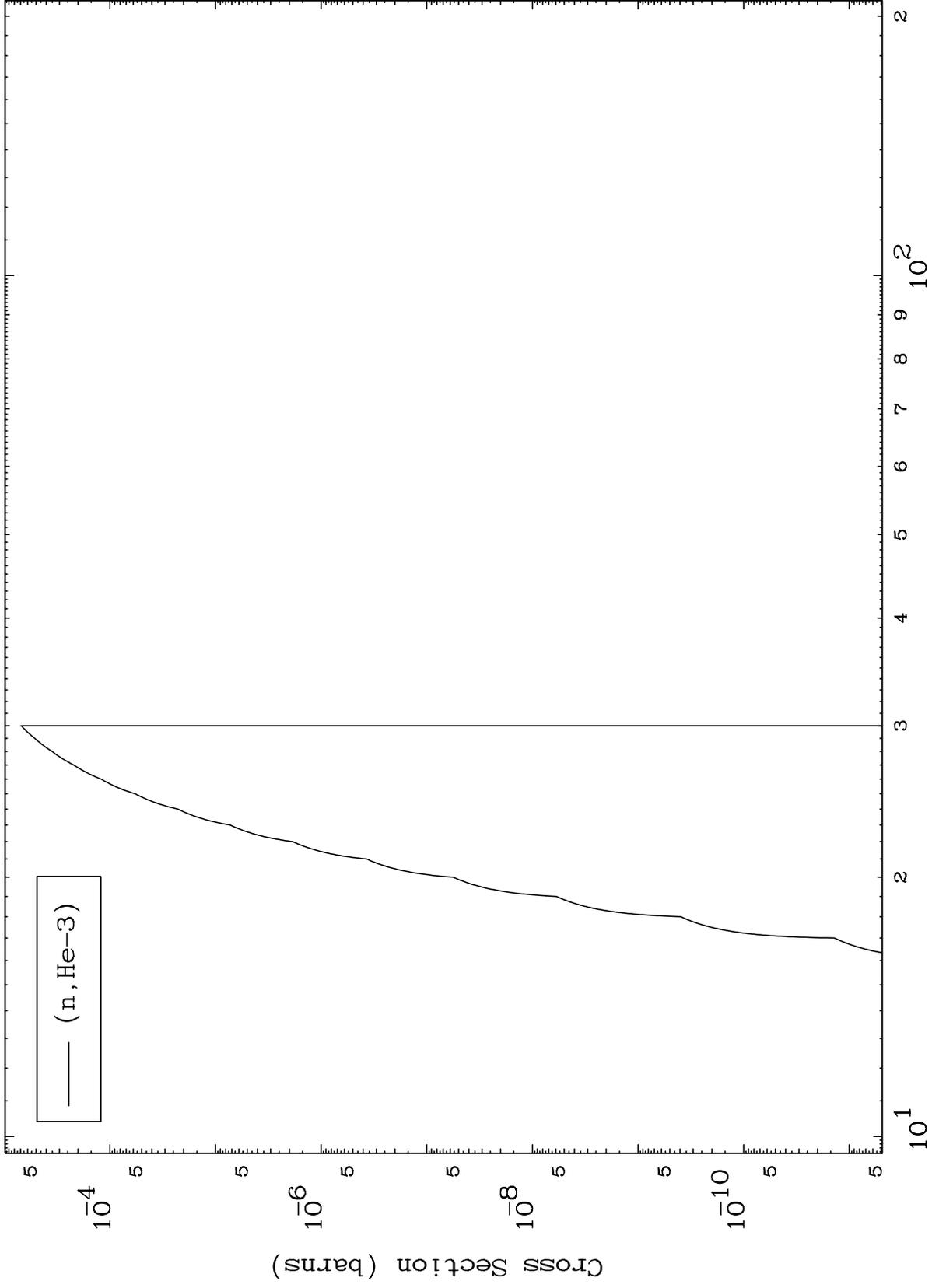
Incident Energy (MeV)

49-In-116

MAT 4936

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-116



13

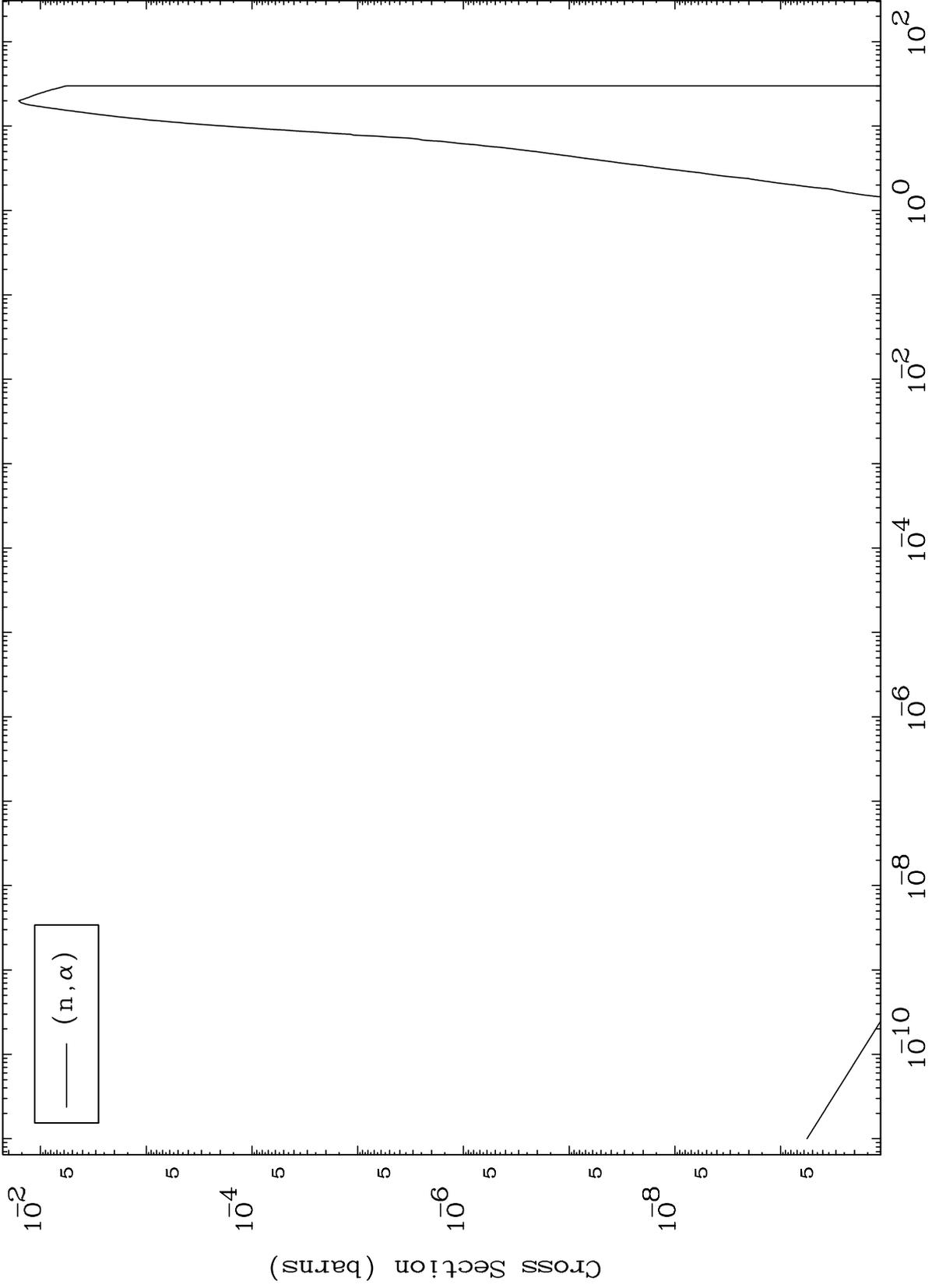
Incident Energy (MeV)

49-In-116

MAT 4936

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

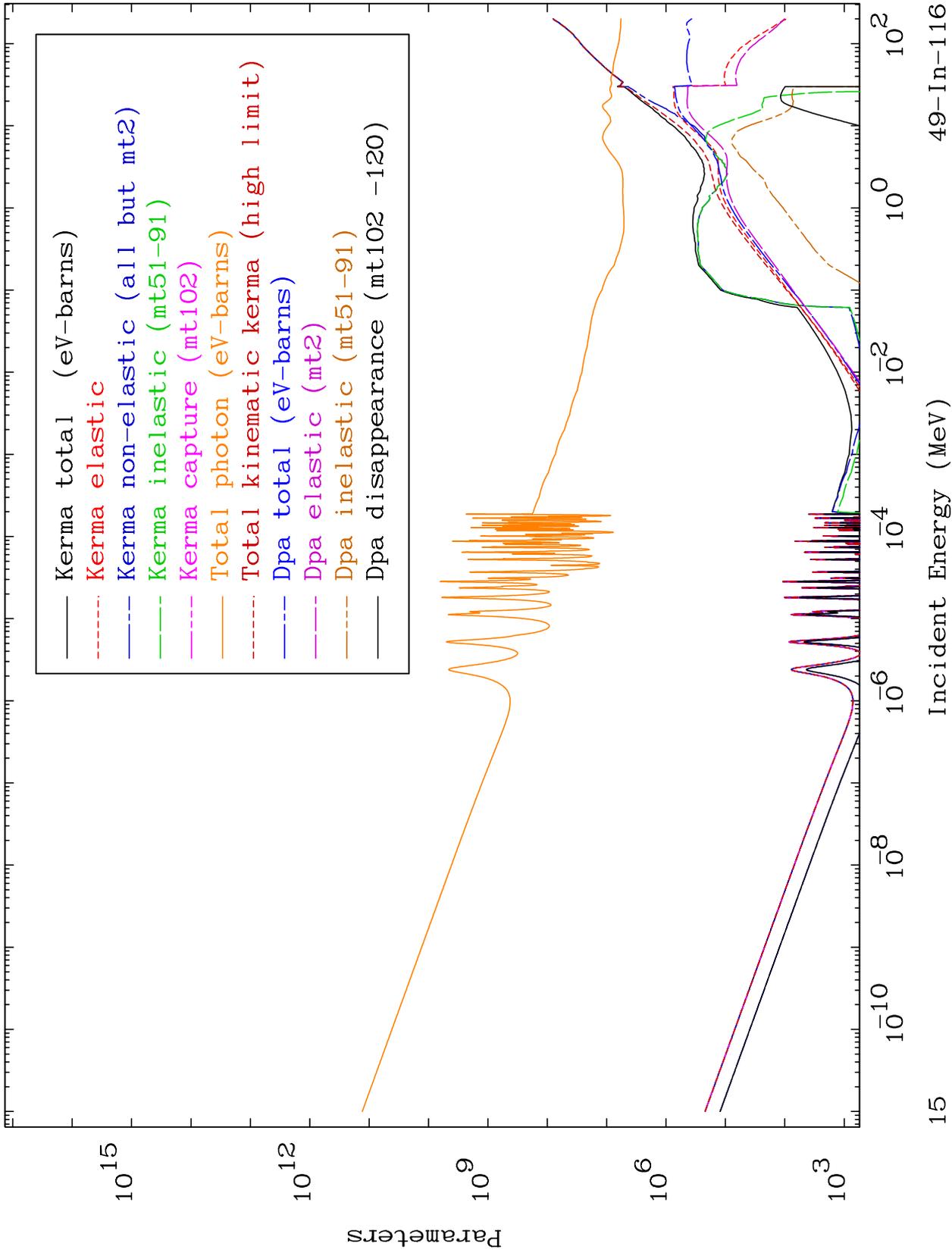
49-In-116

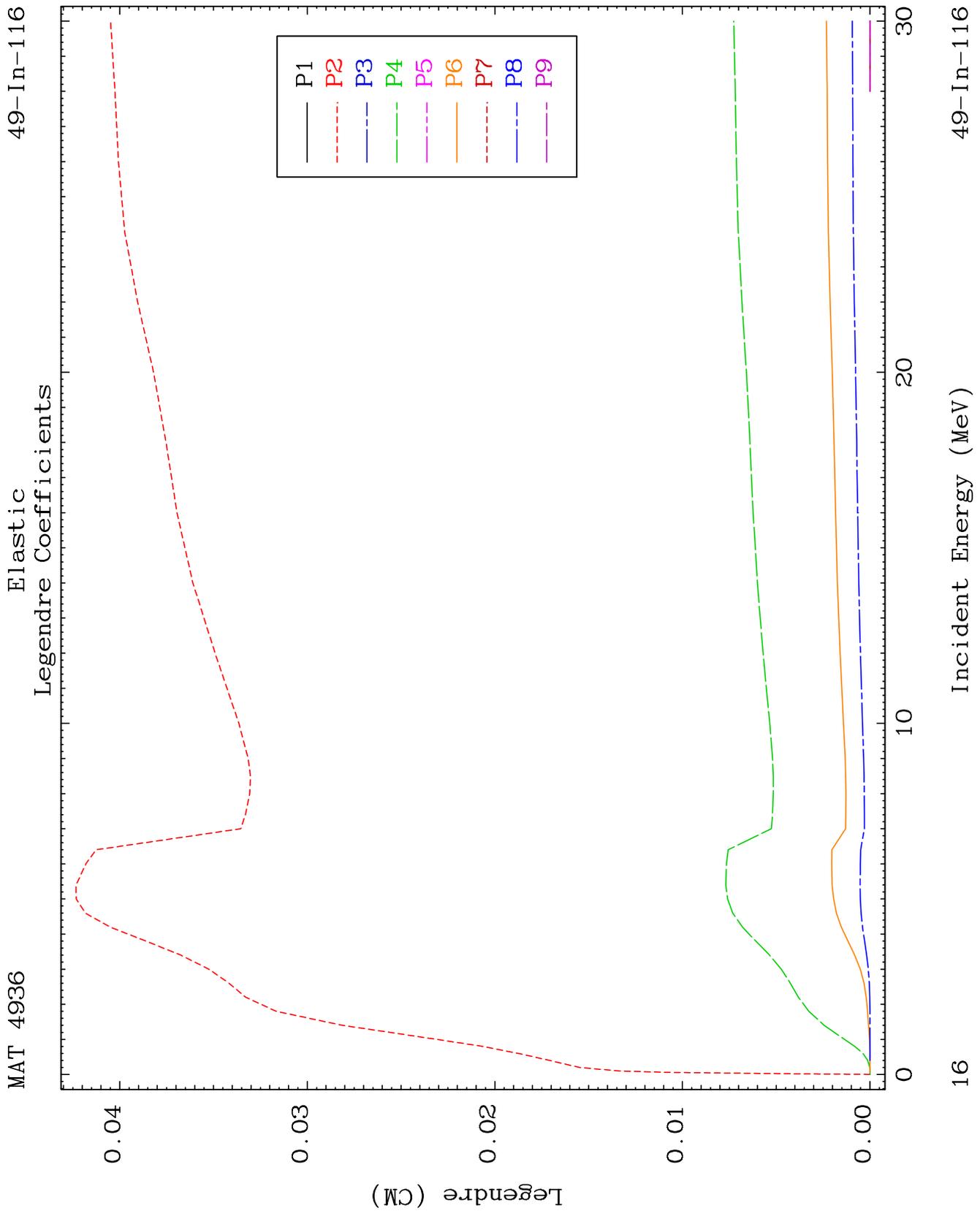


14

Incident Energy (MeV)

49-In-116

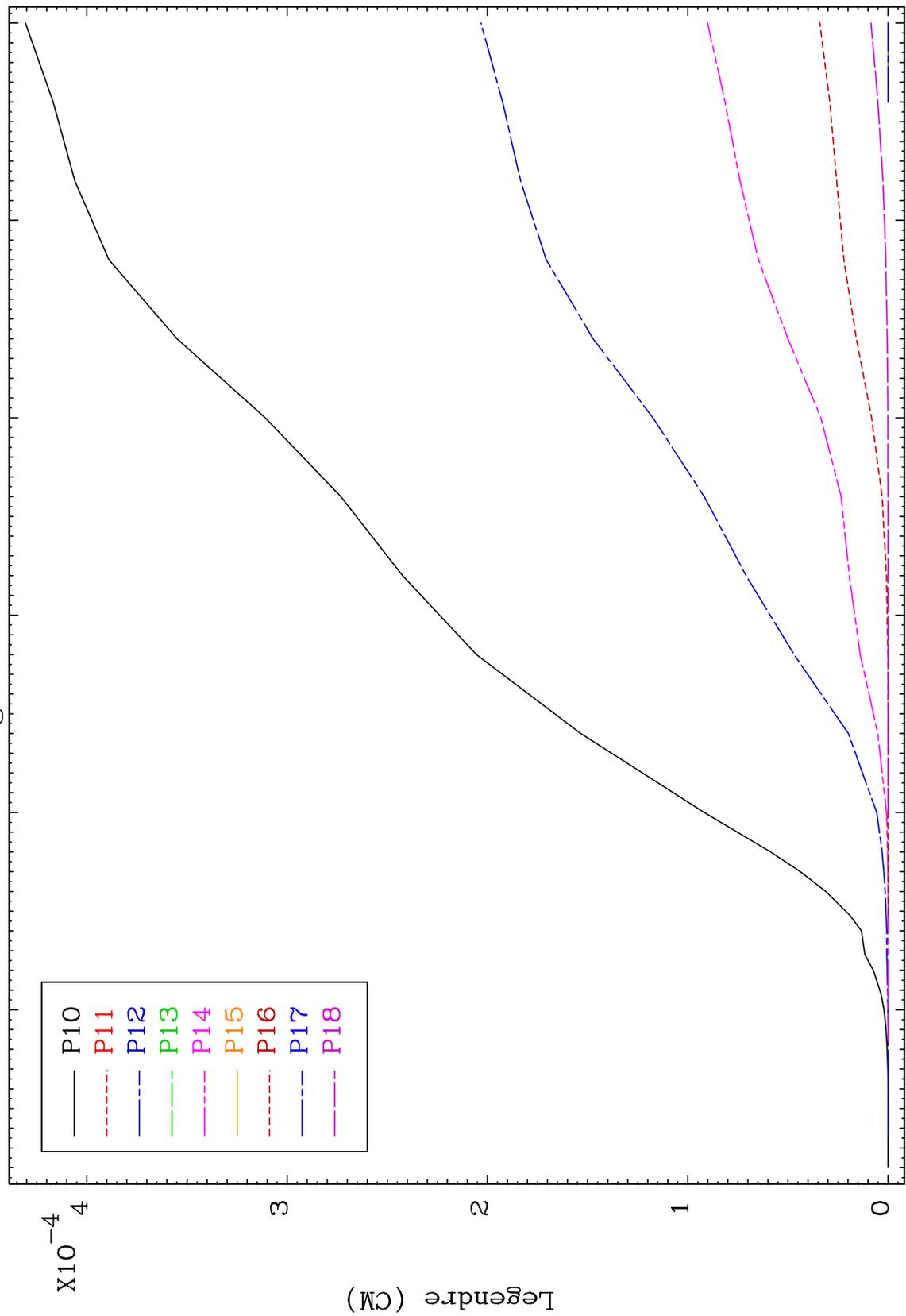




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Elastic Legendre Coefficients

49-In-116



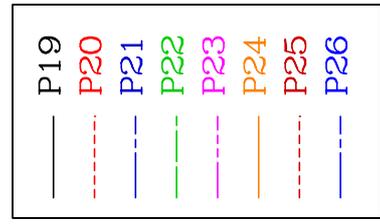
17

49-In-116

MAT 4936

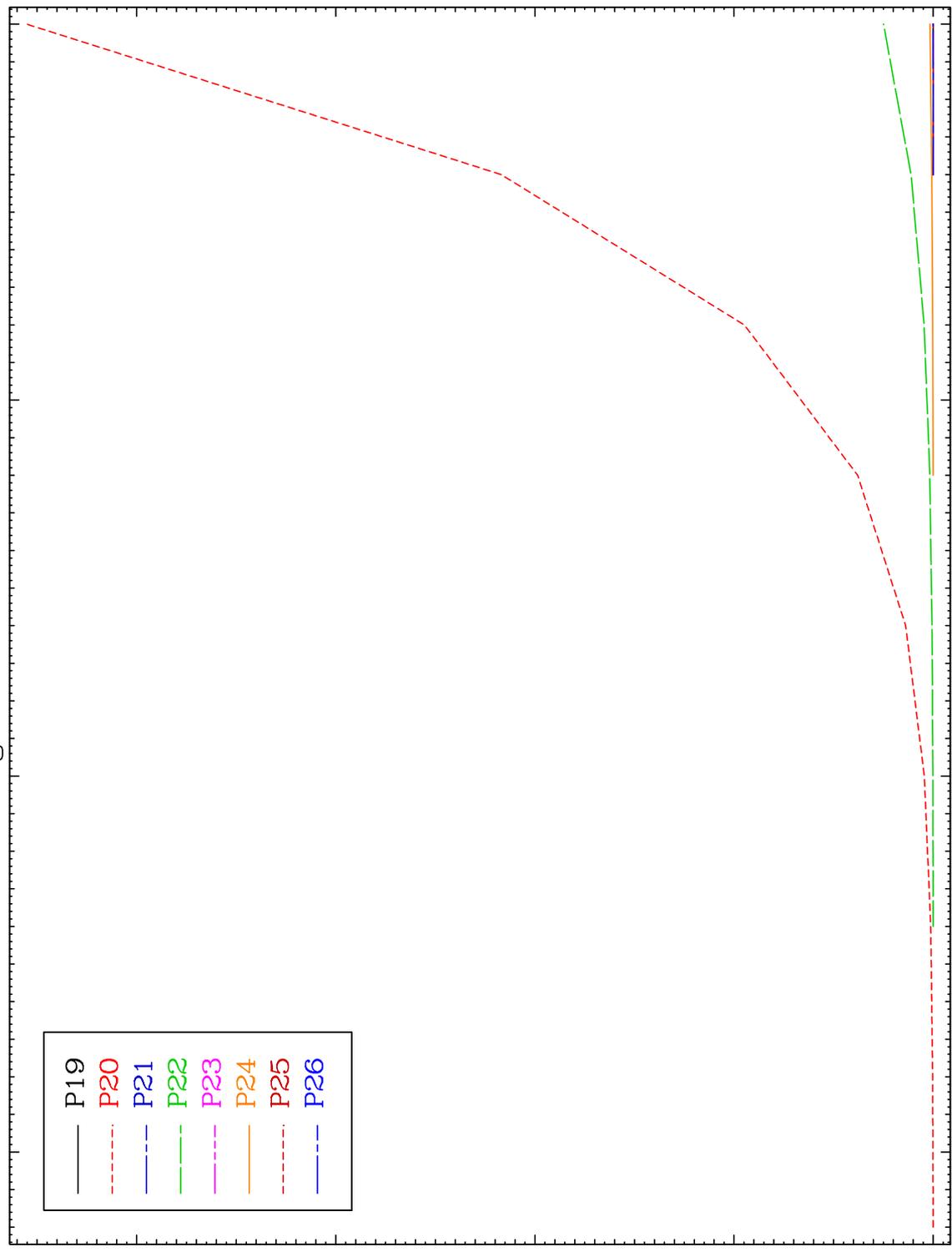
Elastic Legendre Coefficients

49-In-116



$\times 10^{-7}$

Legendre (CM)

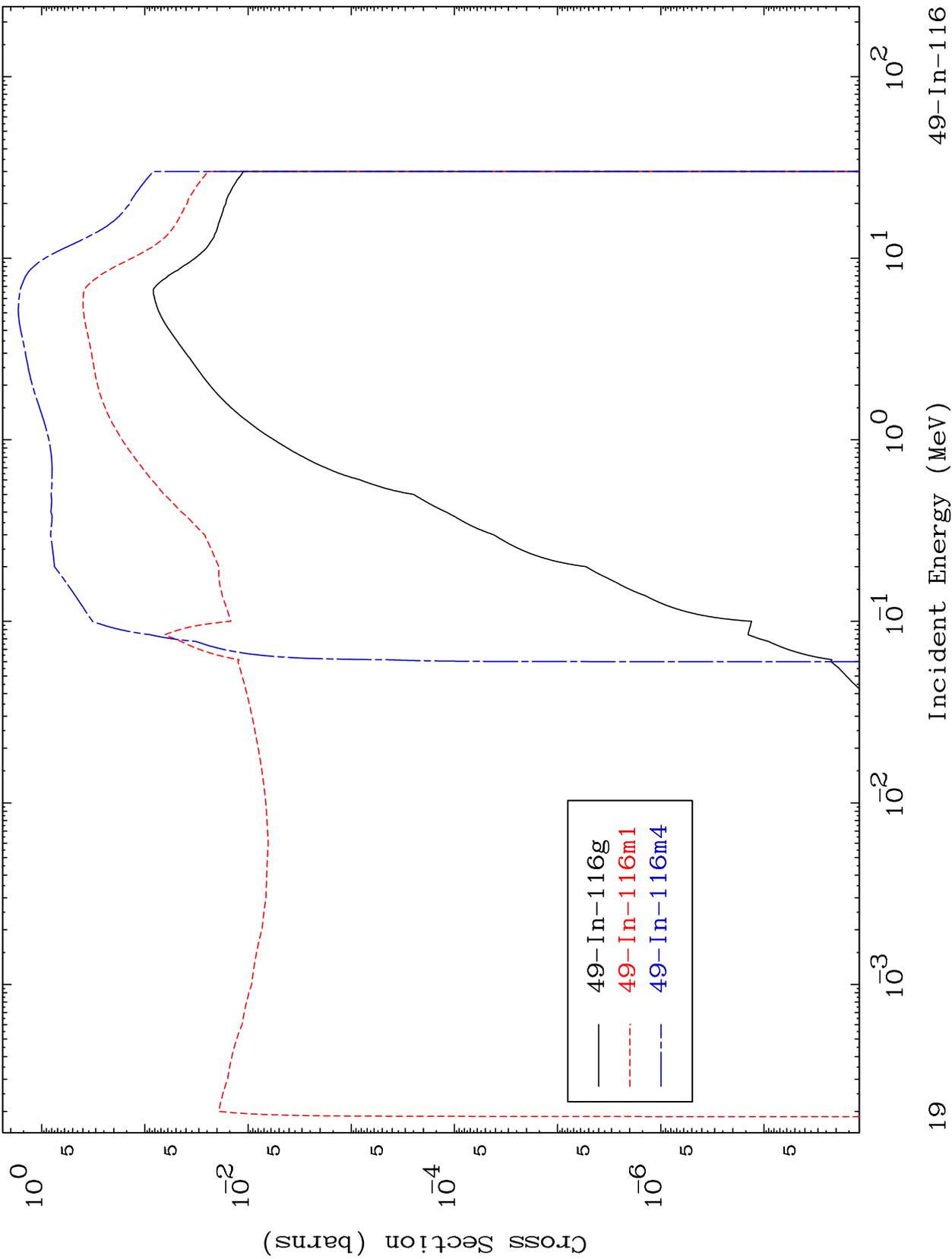


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Incident Energy (MeV)

49-In-116

Inelastic  
Radionuclide Production Cross Section

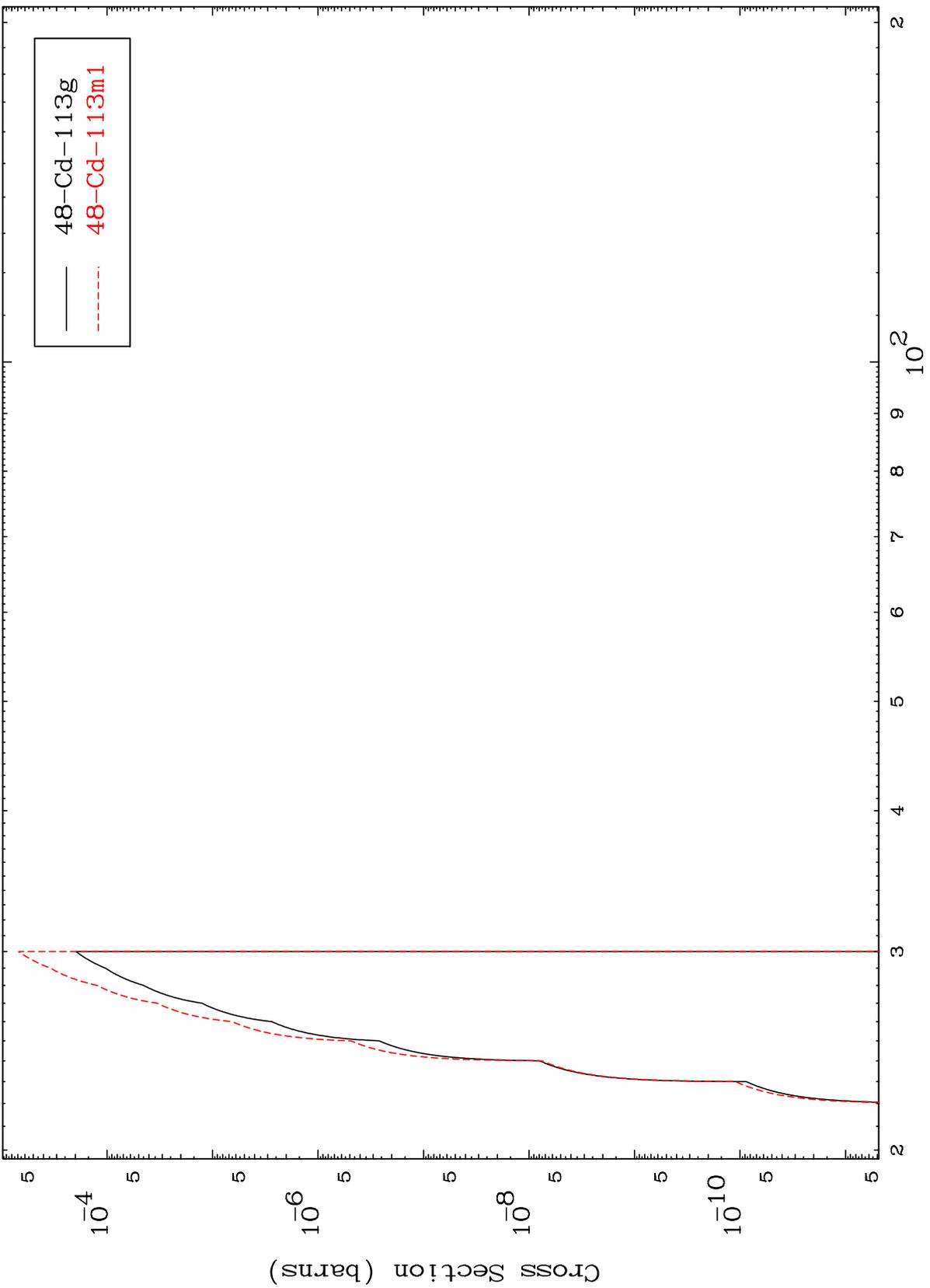


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(n,2n) d

49-In-116

Radionuclide Production Cross Section



20

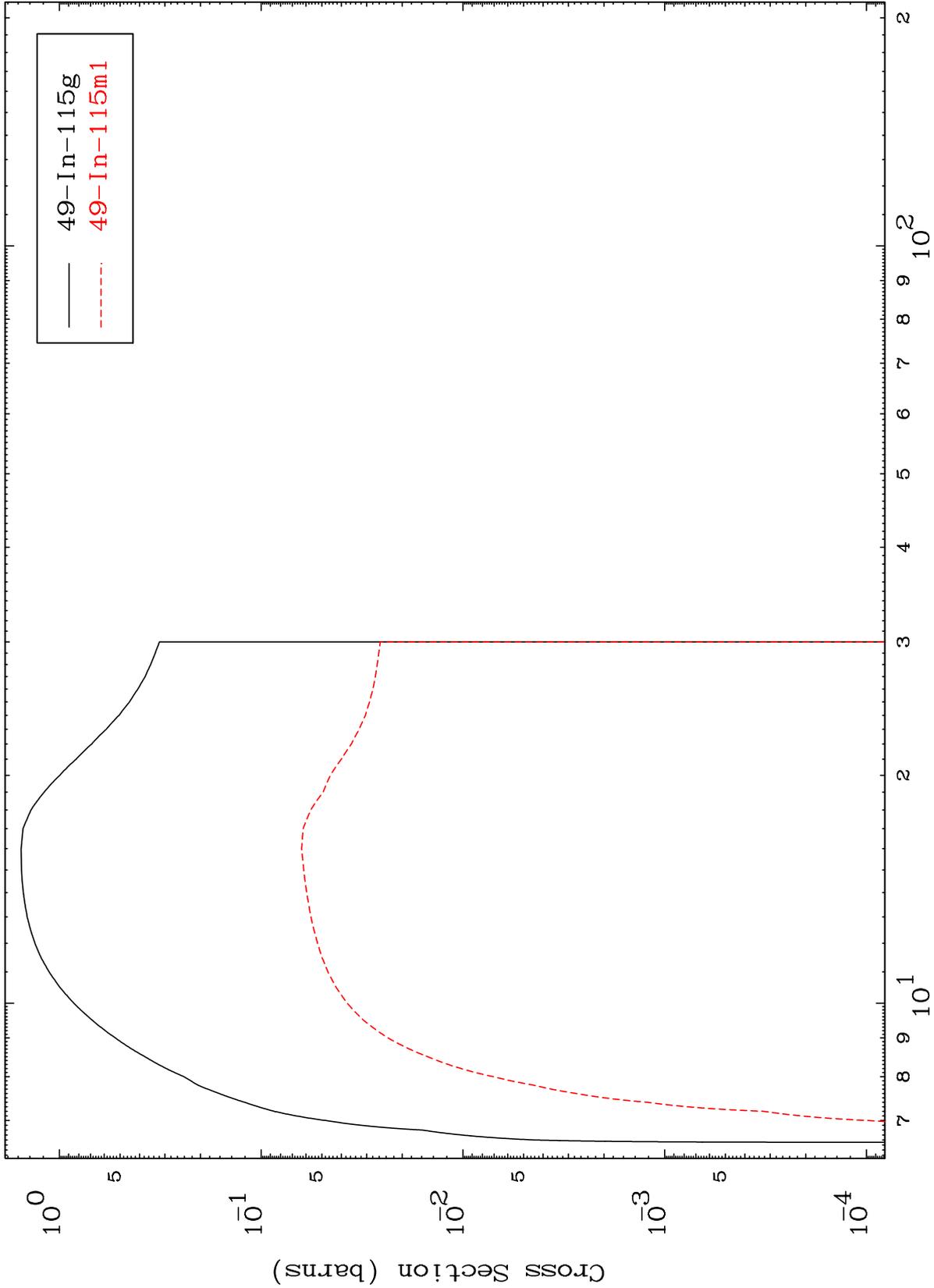
Incident Energy (MeV)

49-In-116

MAT 4936

49-In-116

(n,2n)  
Radionuclide Production Cross Section



21

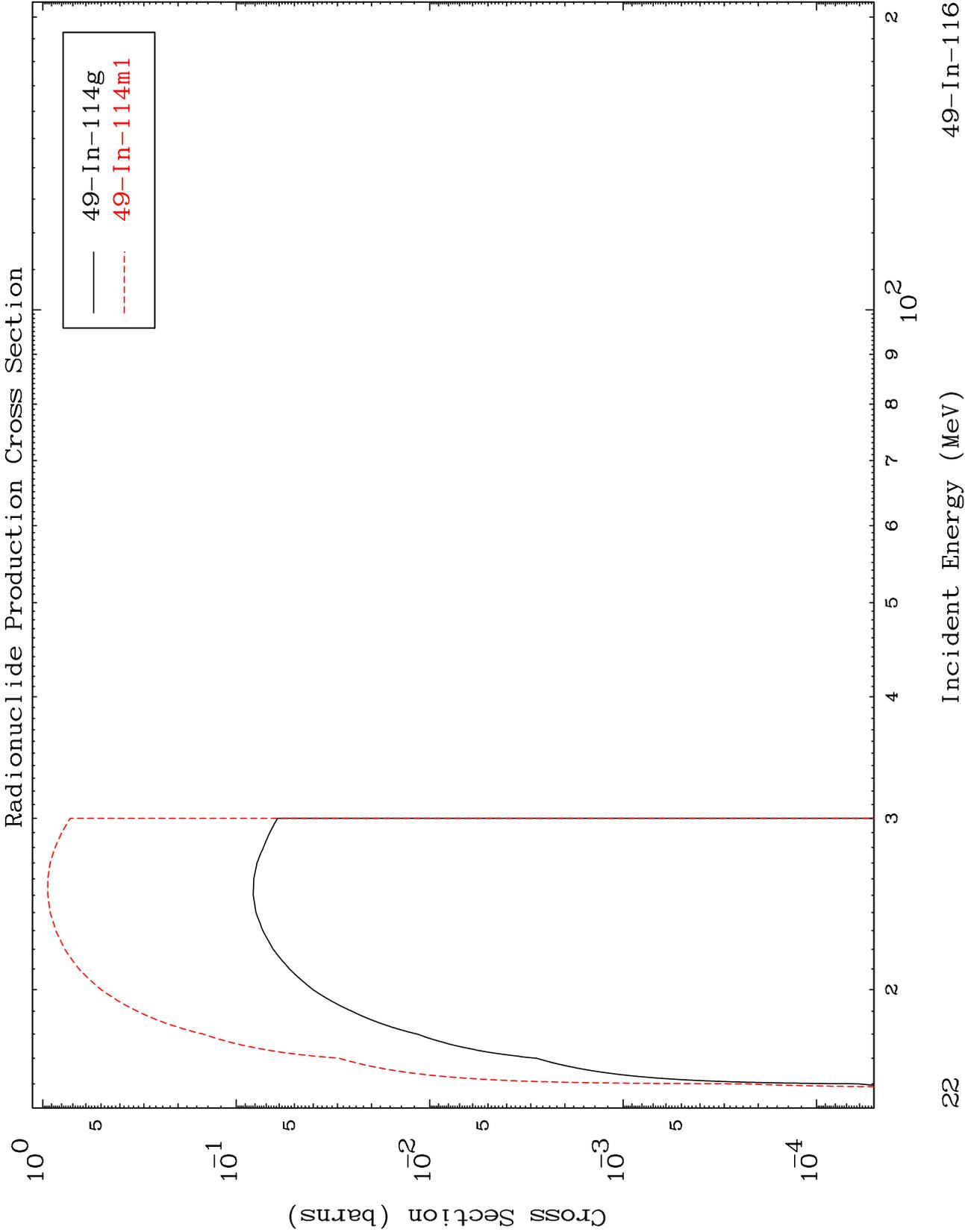
Incident Energy (MeV)

49-In-116

MAT 4936

(n,3n)

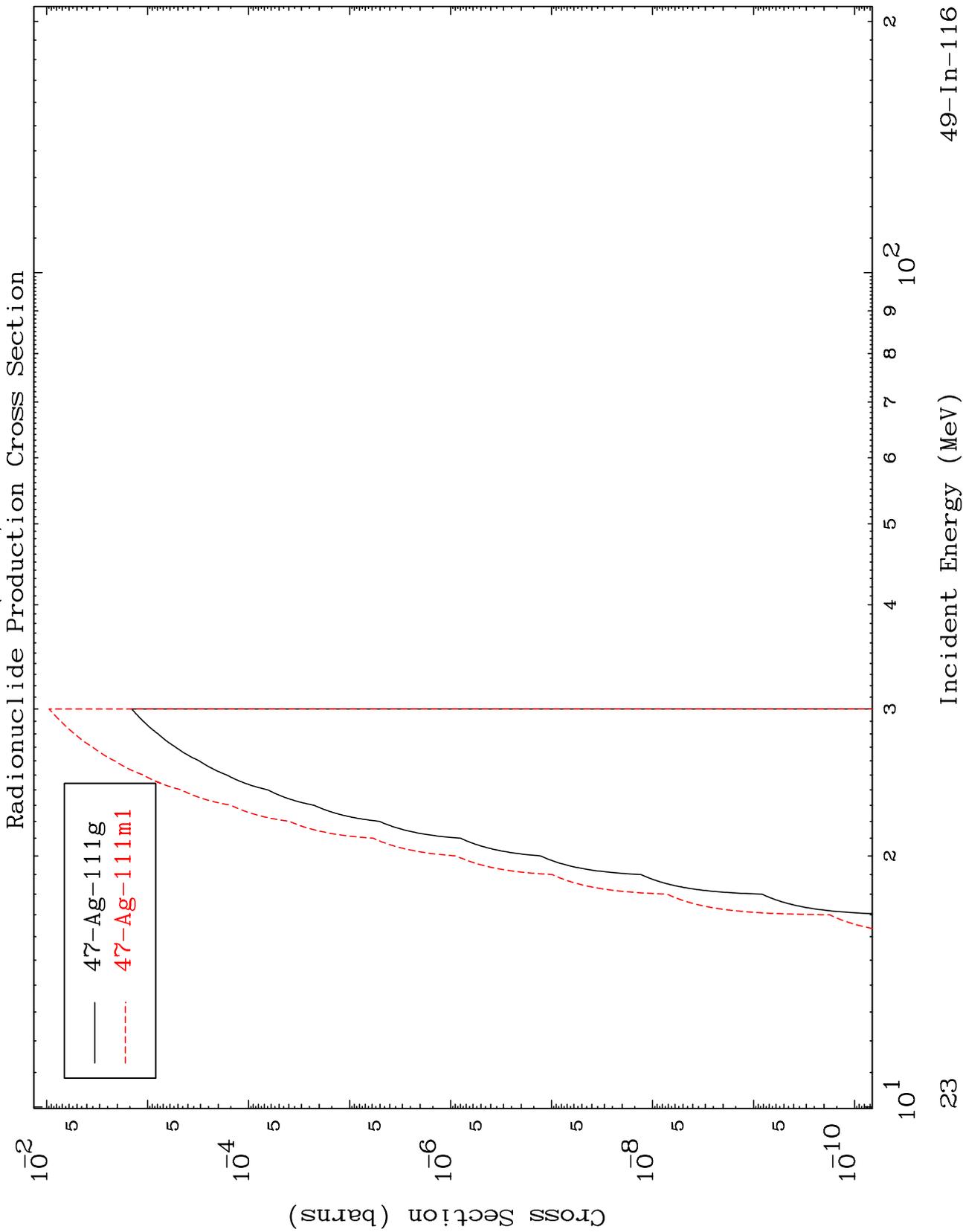
49-In-116



MAT 4936

(n,2n)  $\alpha$

49-In-116



49-In-116

Incident Energy (MeV)

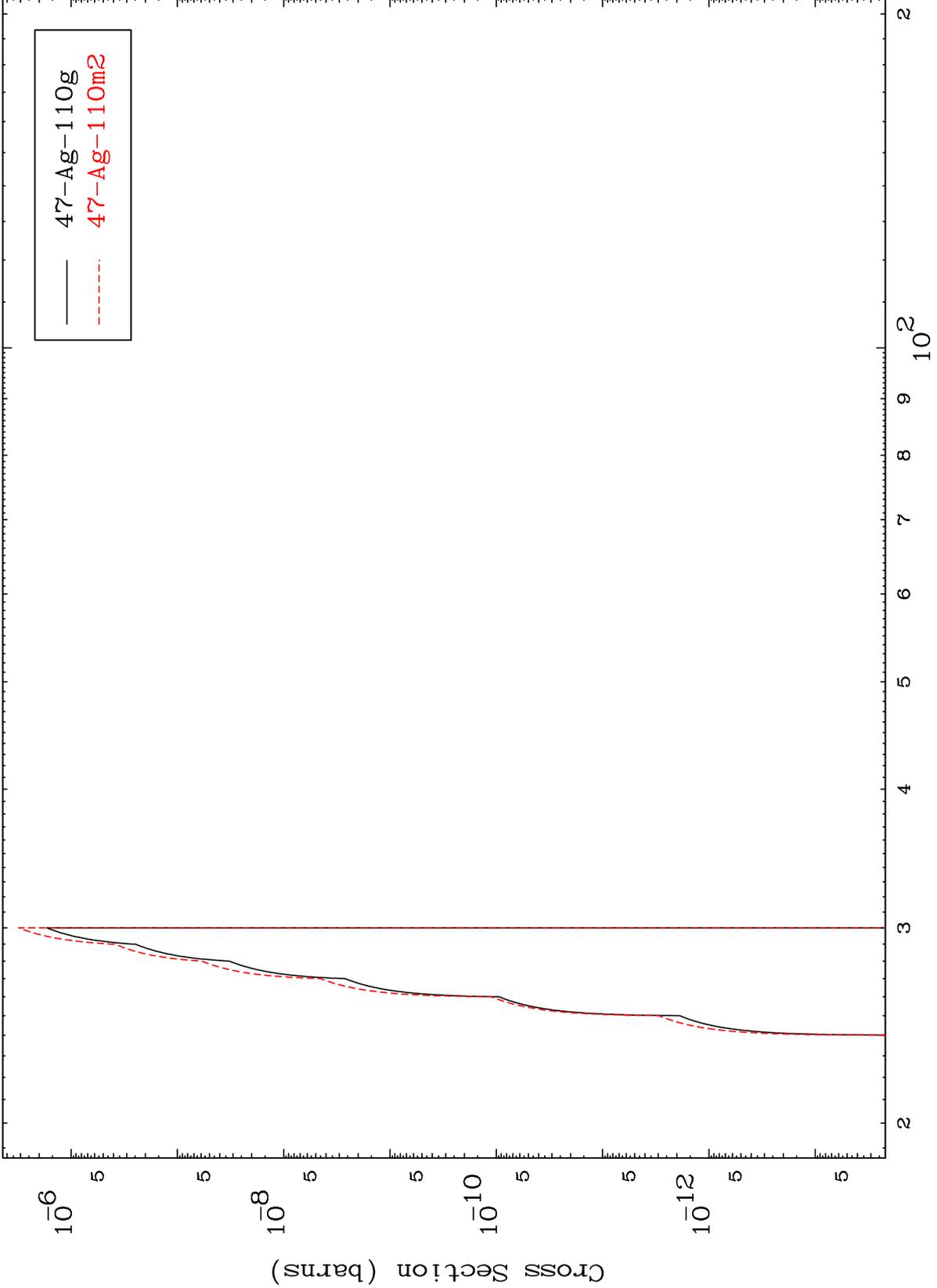
23

MAT 4936

(n,3n)  $\alpha$

49-In-116

Radionuclide Production Cross Section



24

Incident Energy (MeV)

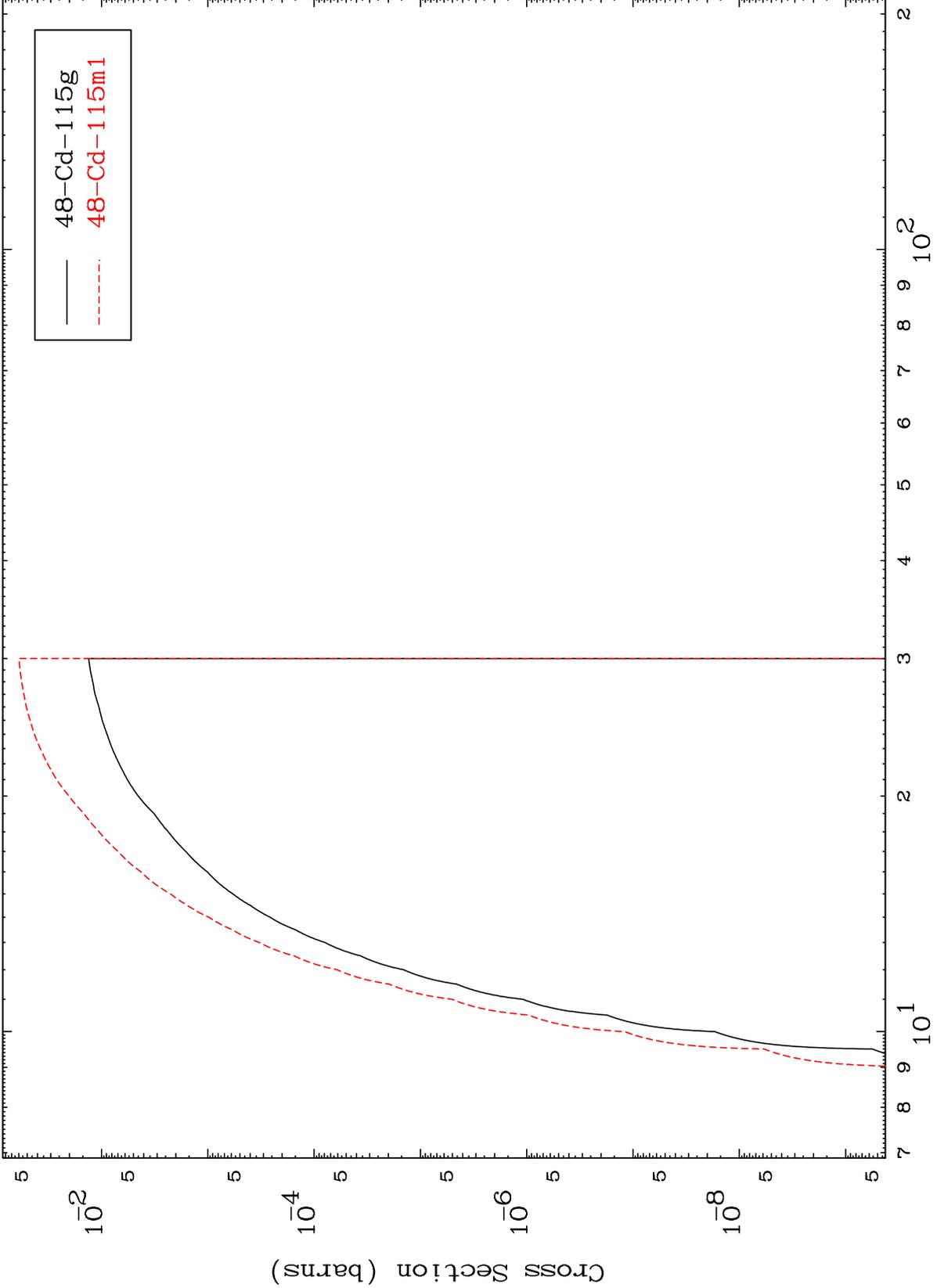
49-In-116

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(n,n') p

49-In-116

Radionuclide Production Cross Section



25

Incident Energy (MeV)

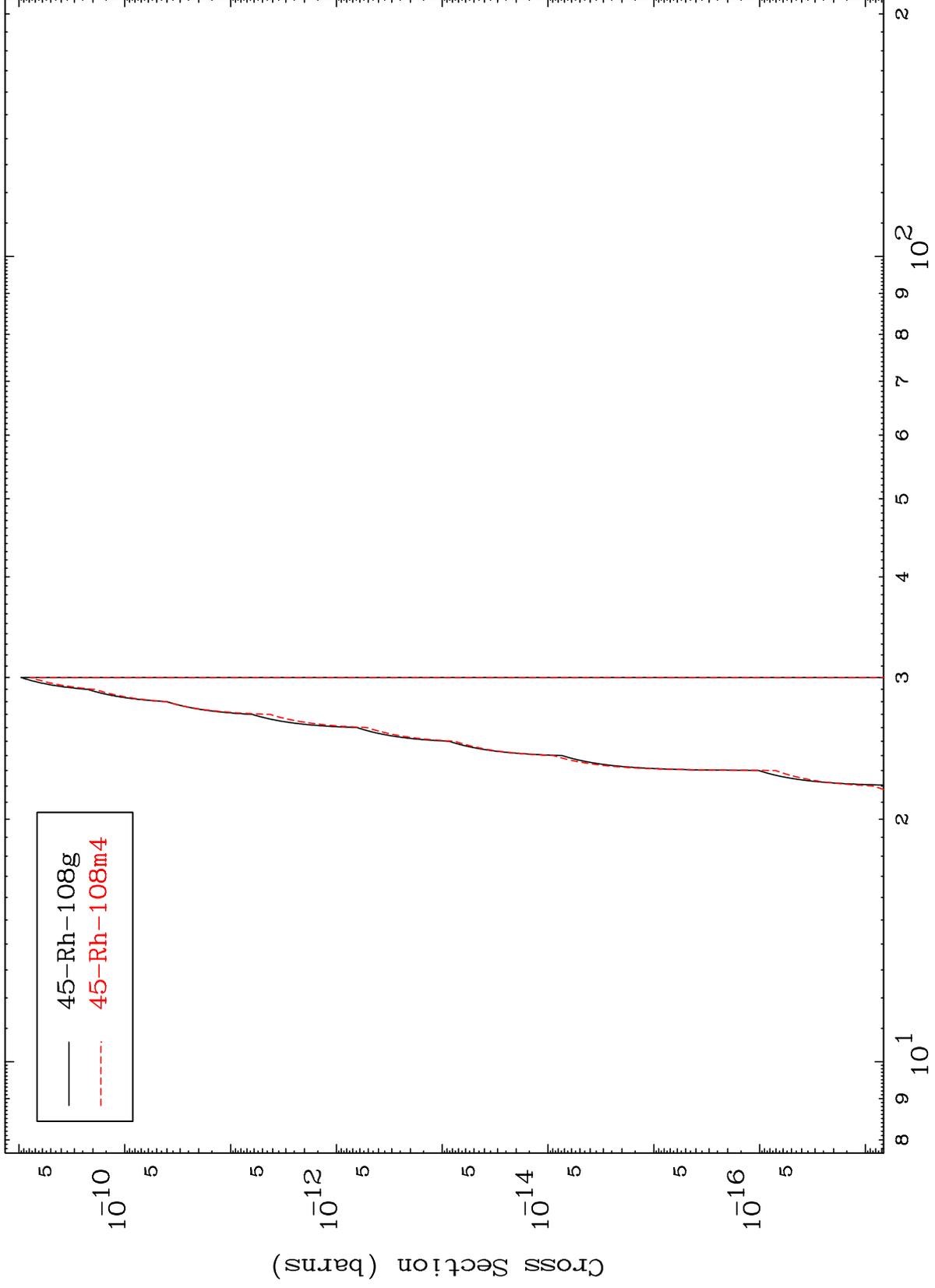
49-In-116

MAT 4936

(n,n') 2α

49-In-116

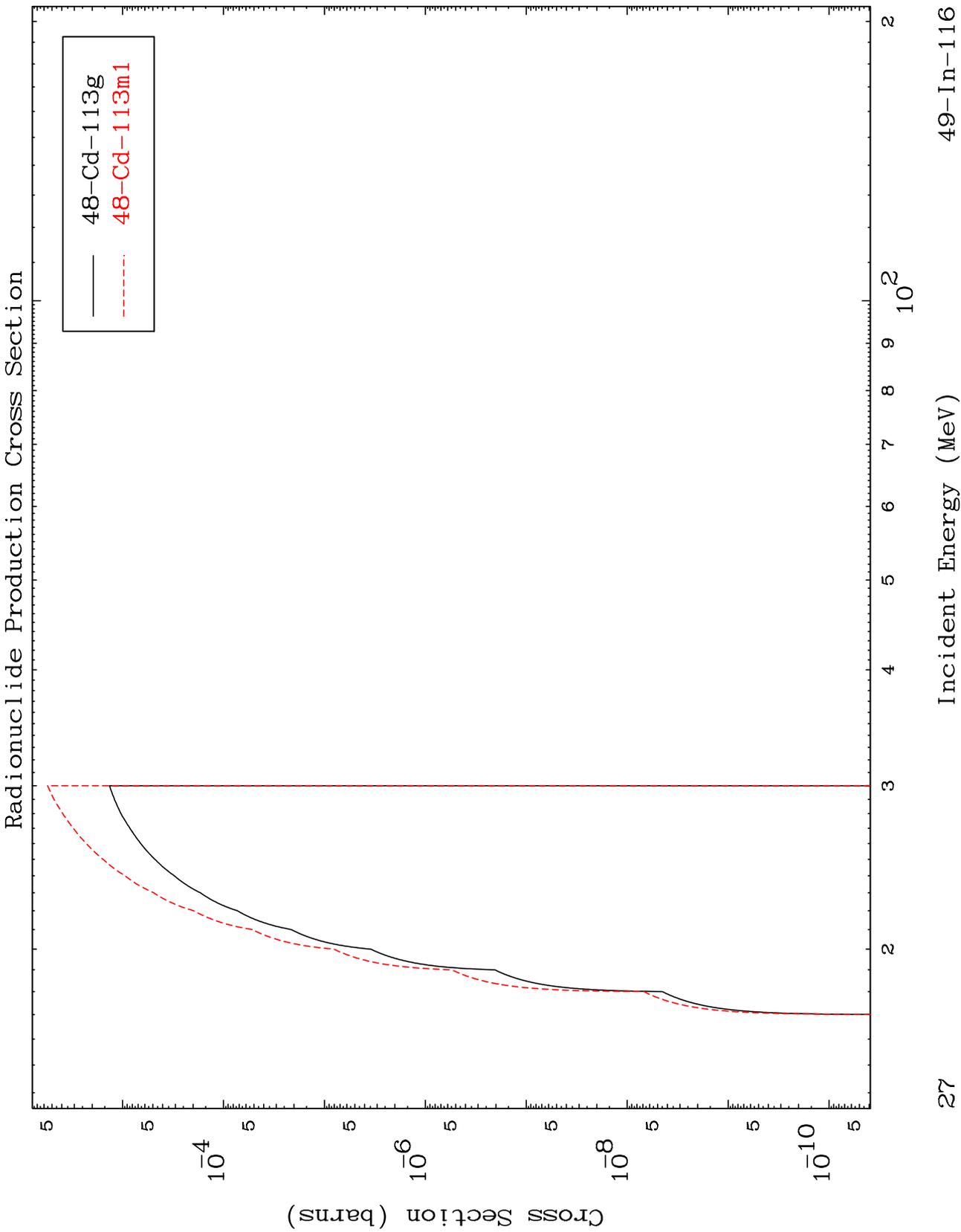
Radionuclide Production Cross Section



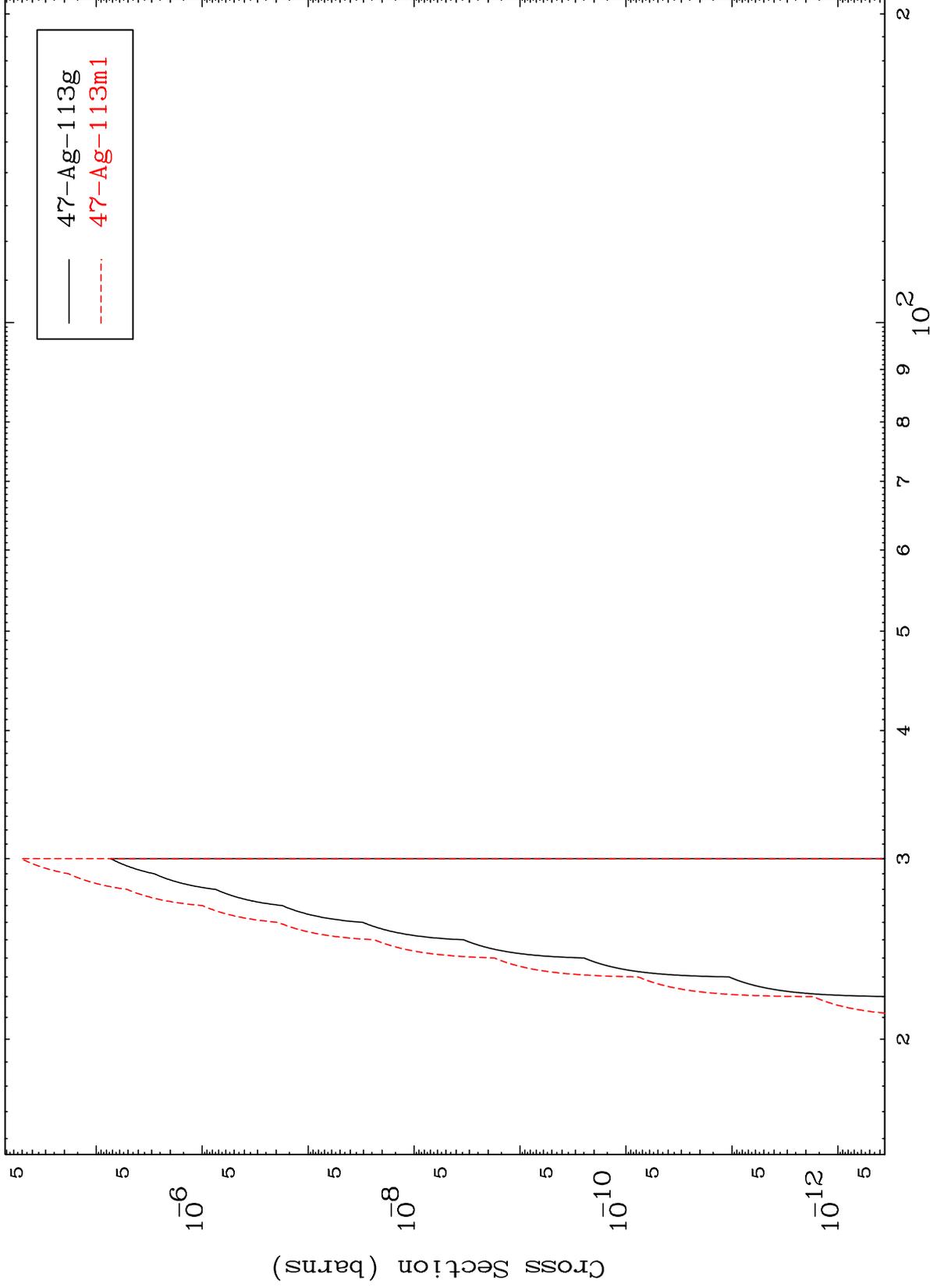
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Incident Energy (MeV)

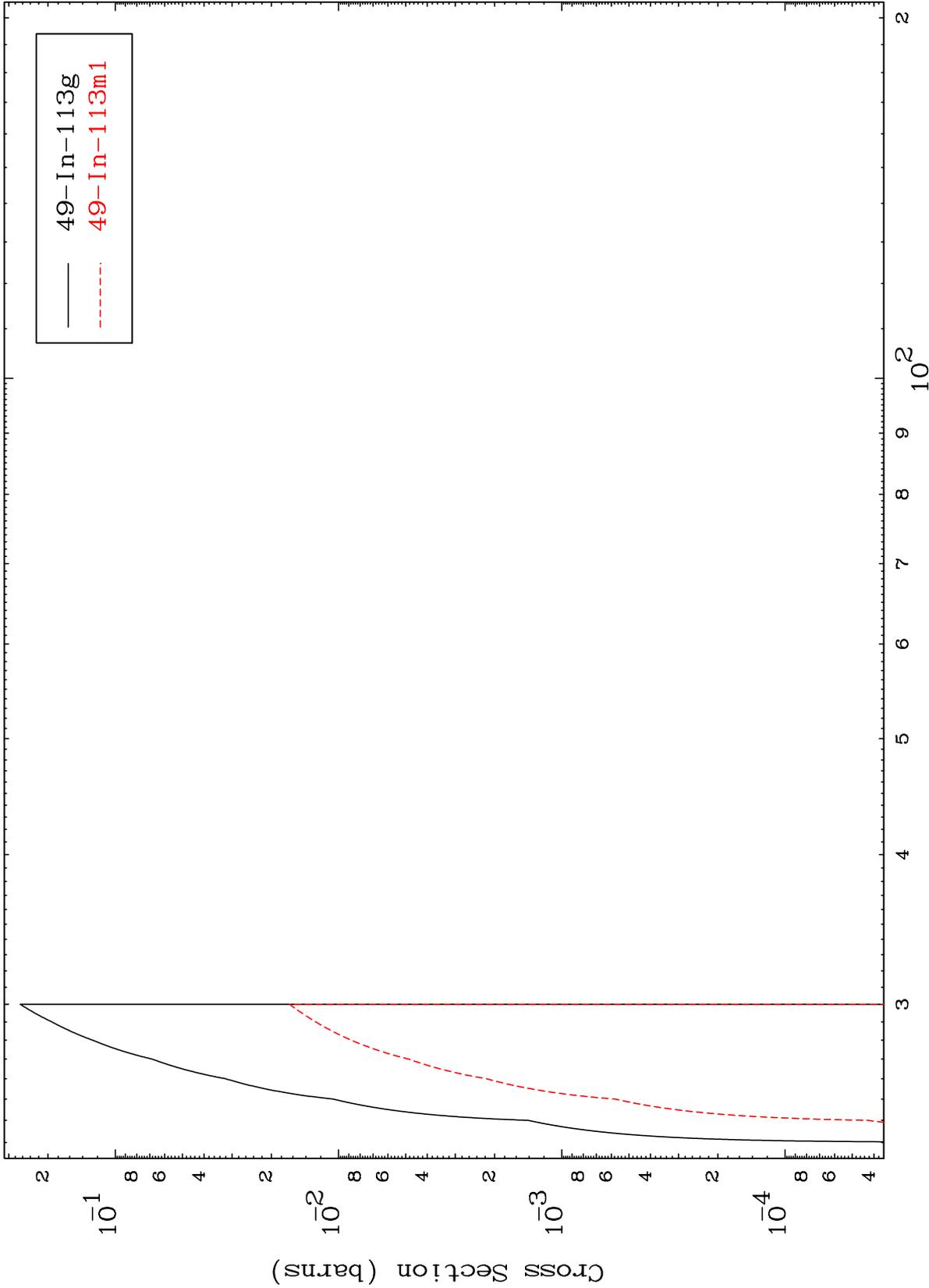
49-In-116



Radionuclide Production Cross Section



Radionuclide Production Cross Section

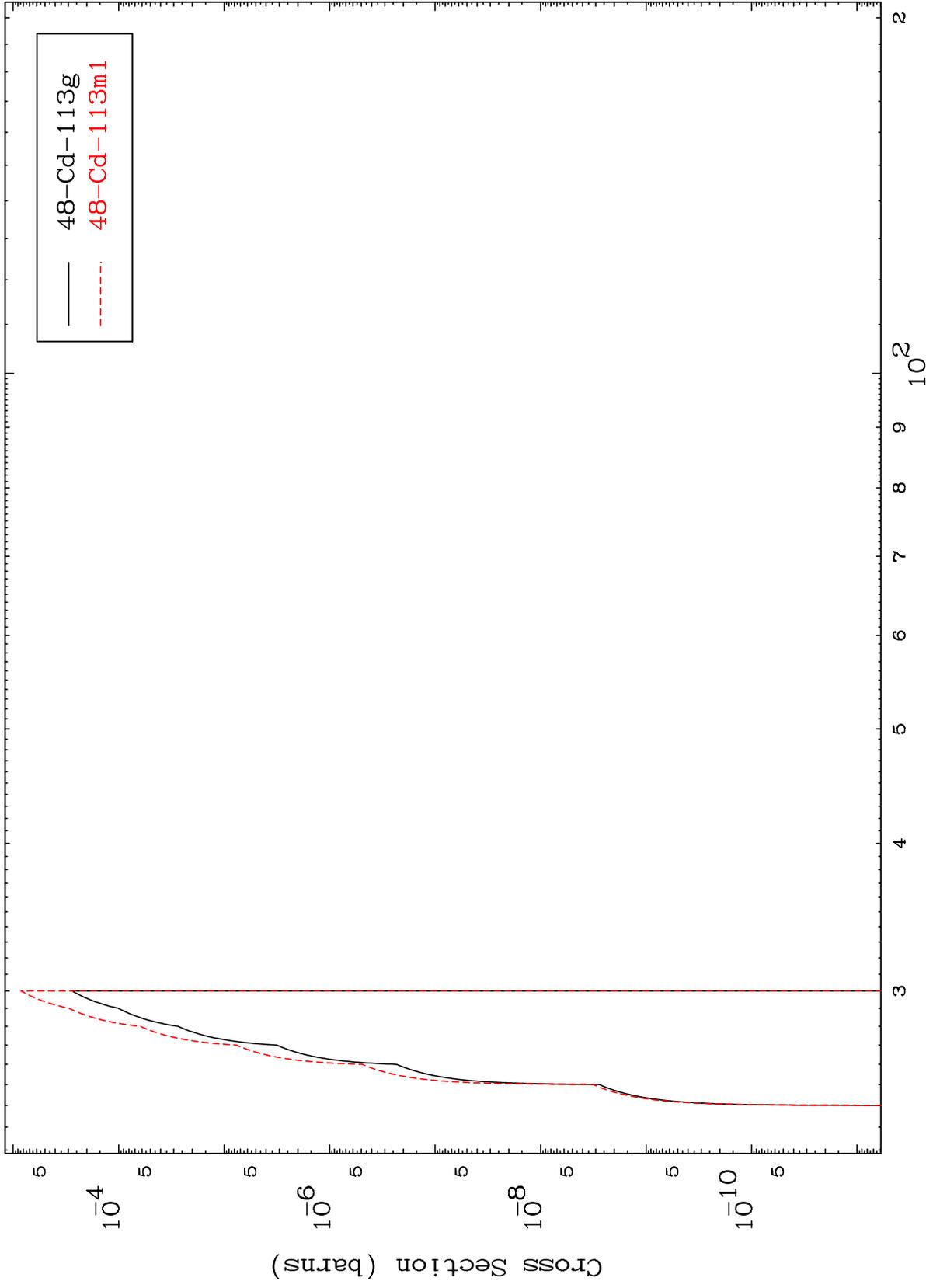


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(n,3n) p

49-In-116

Radionuclide Production Cross Section

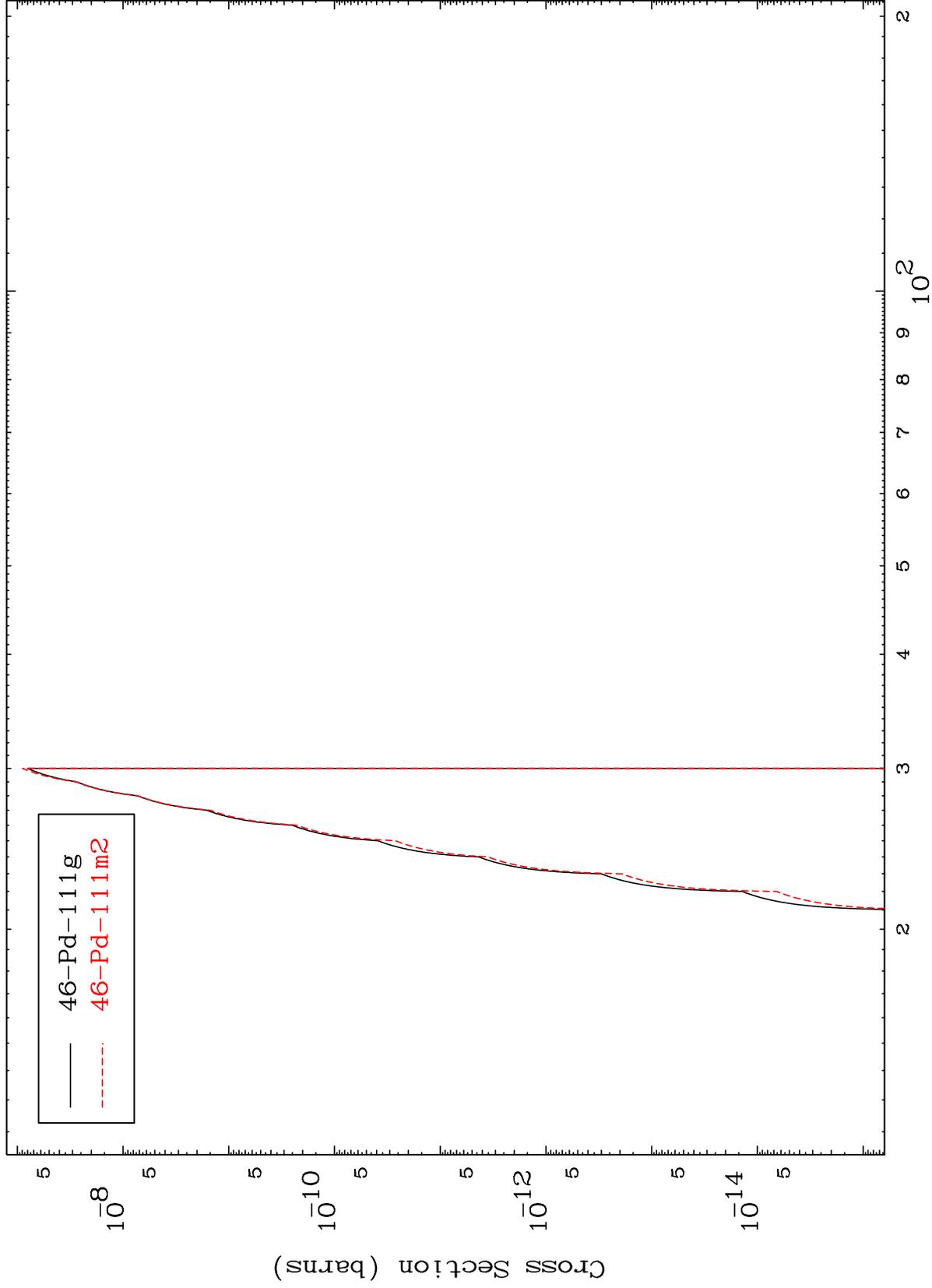


30

Incident Energy (MeV)

49-In-116

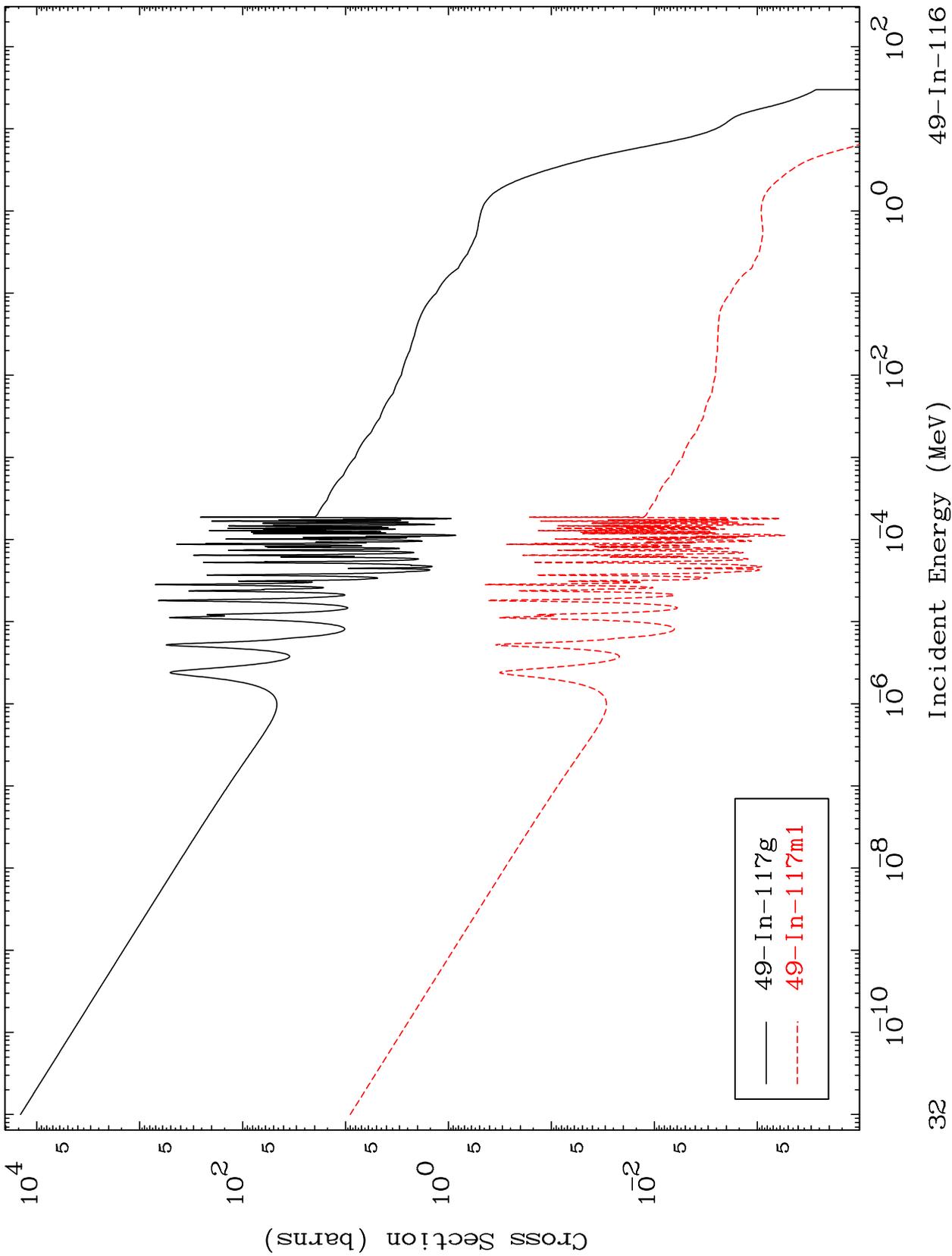
Radionuclide Production Cross Section



MAT 4936

49-In-116

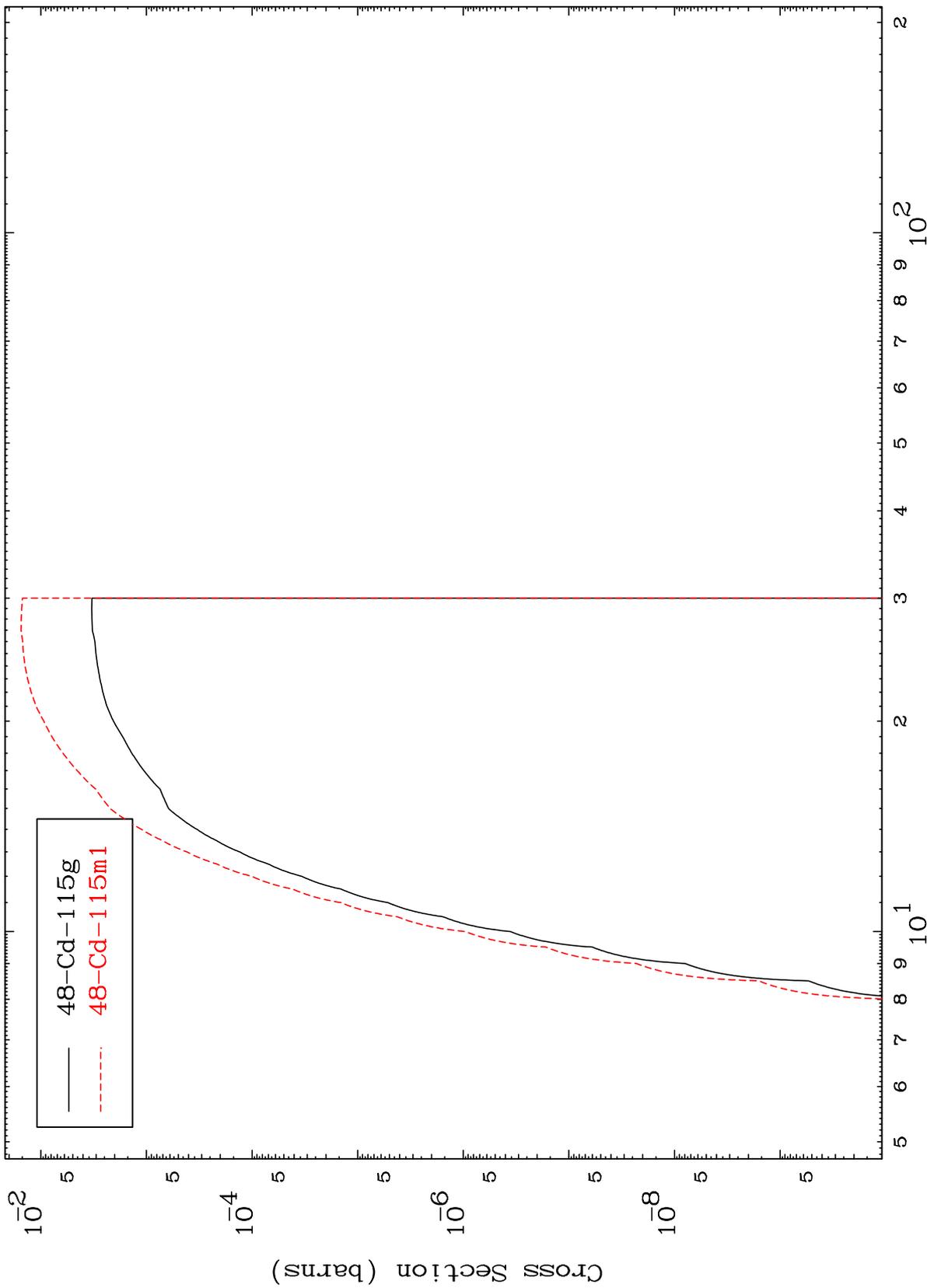
(n,γ)  
Radionuclide Production Cross Section



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49-In-116

(n,d)  
Radionuclide Production Cross Section



33

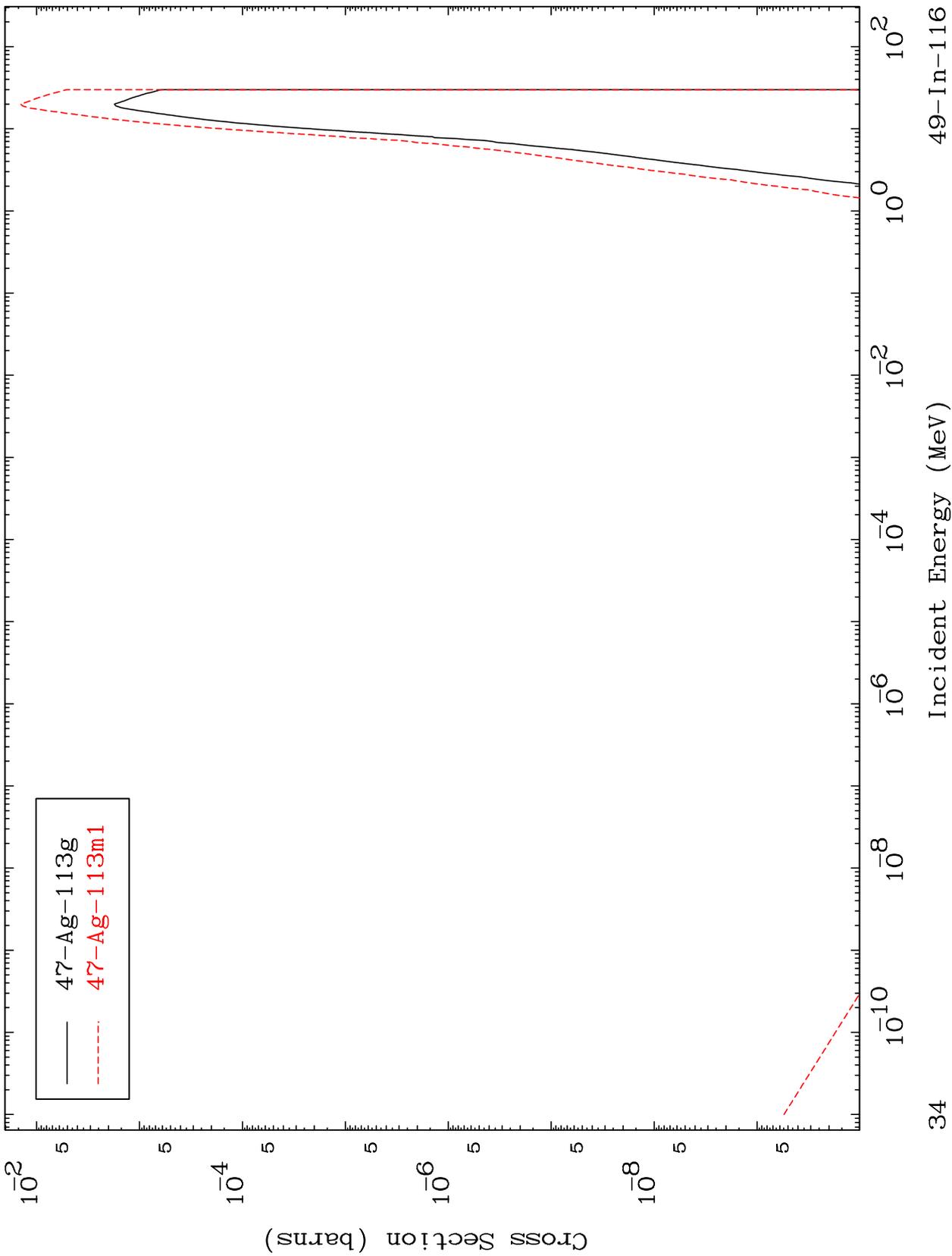
Incident Energy (MeV)

49-In-116

MAT 4936

49-In-116

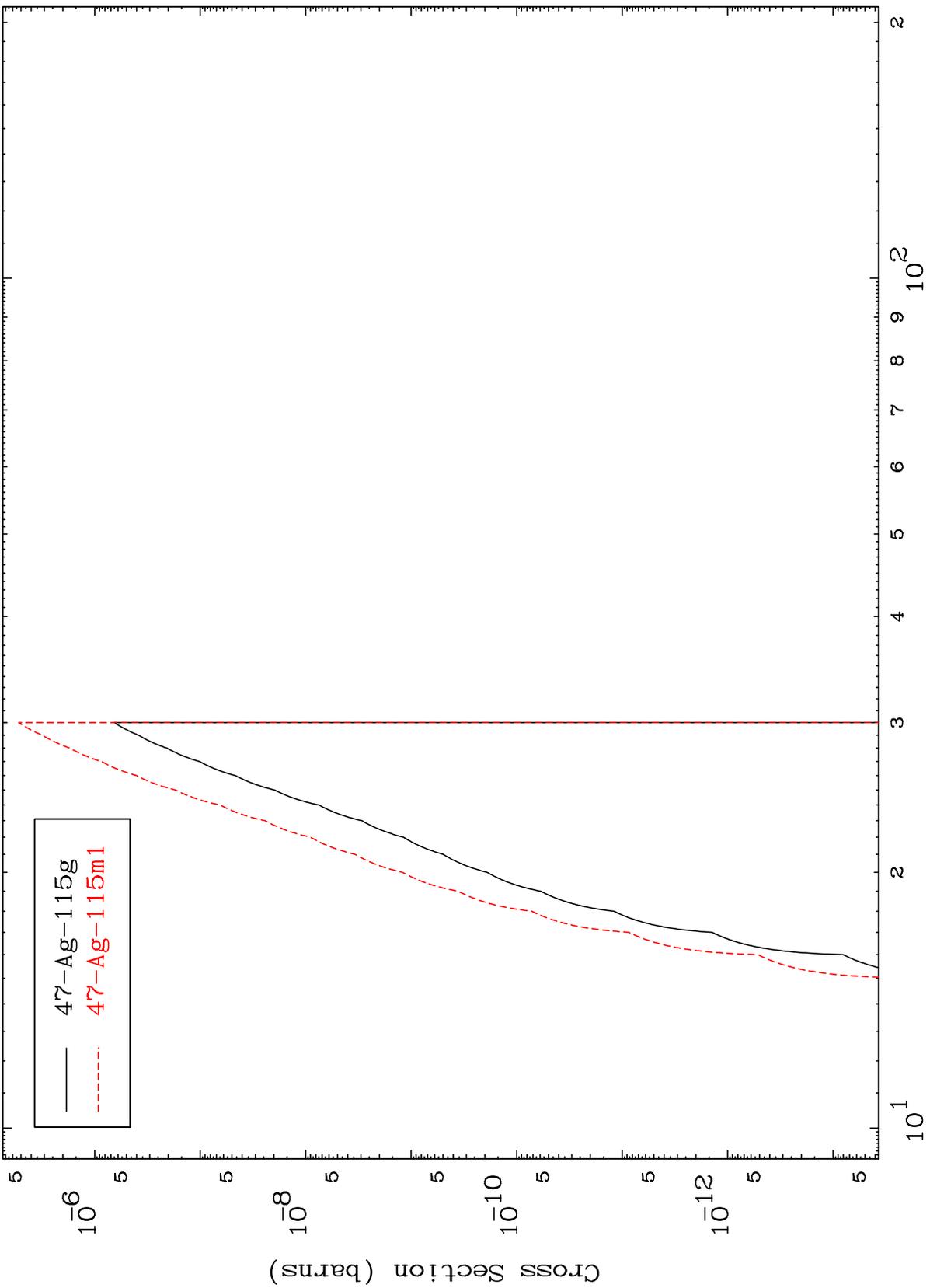
Radionuclide Production Cross Section



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49-In-116

(n,2p)  
Radionuclide Production Cross Section



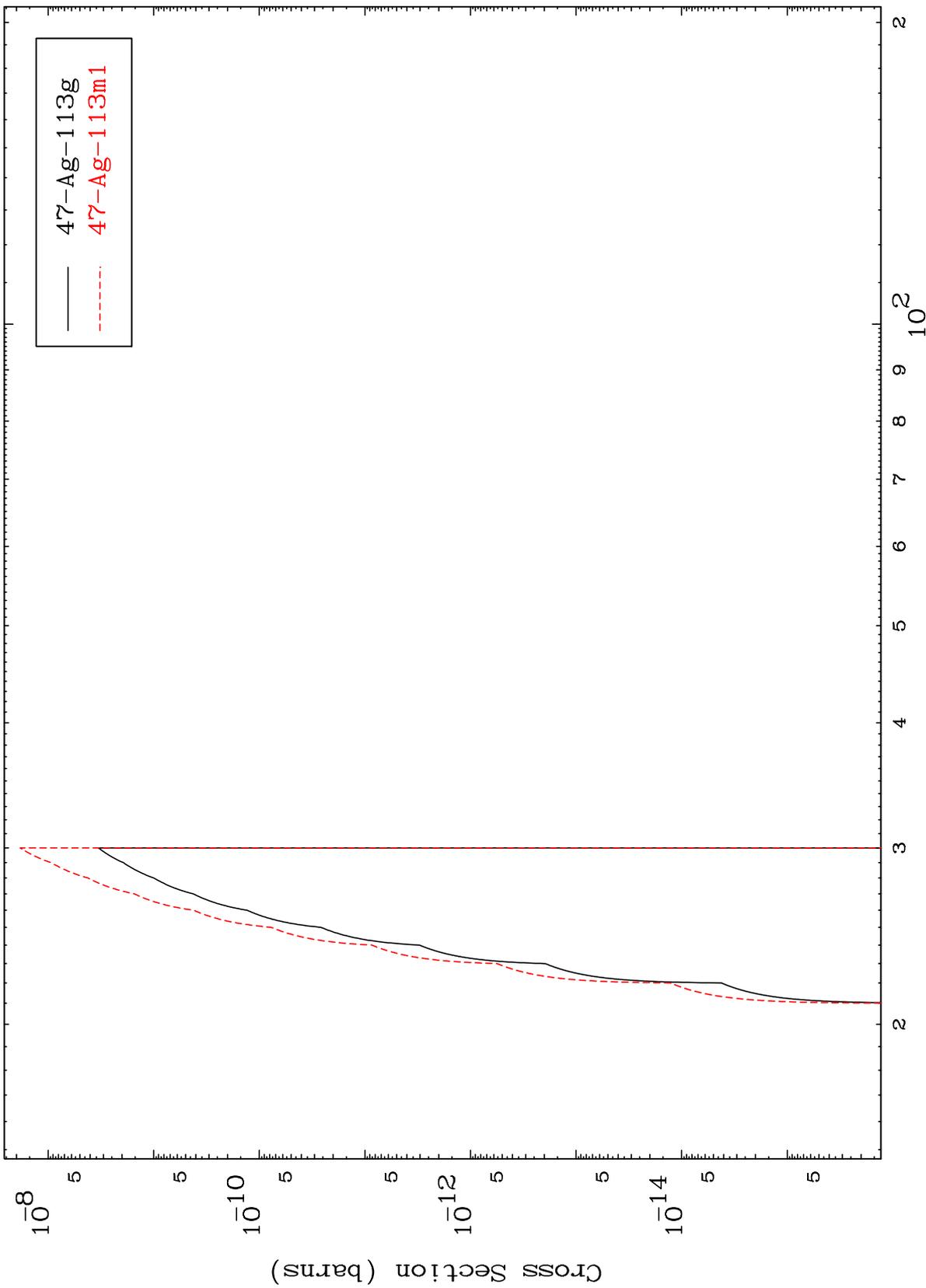
— 47-Ag-115g  
- - - 47-Ag-115m1

49-In-116

Incident Energy (MeV)

35

Radionuclide Production Cross Section

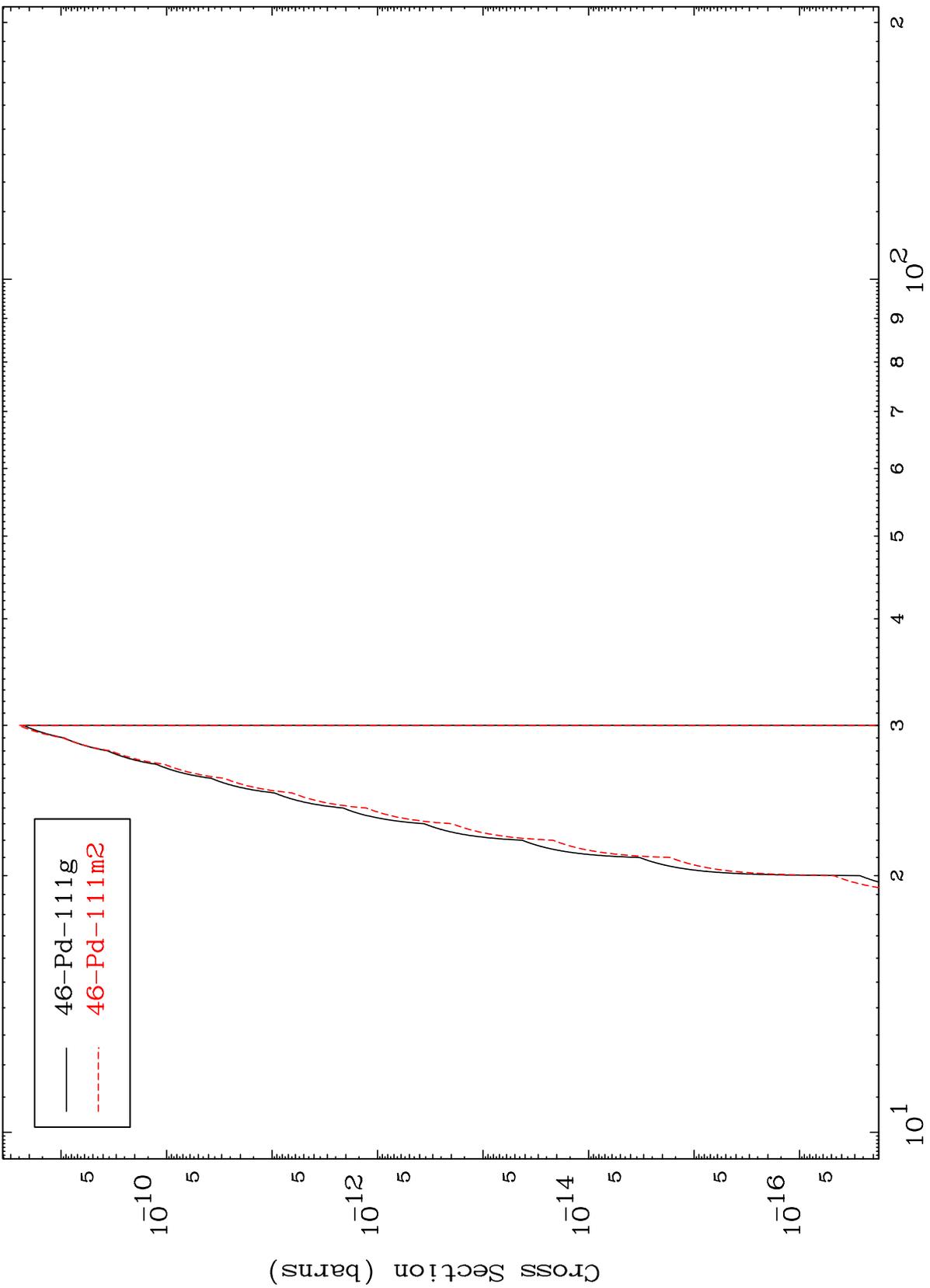


MAT 4936

(n,d)  $\alpha$

49-In-116

Radionuclide Production Cross Section



46-Pd-111g  
46-Pd-111m2

37

Incident Energy (MeV)

49-In-116