

Program EVALPLOT
(Version 2021-1)

by

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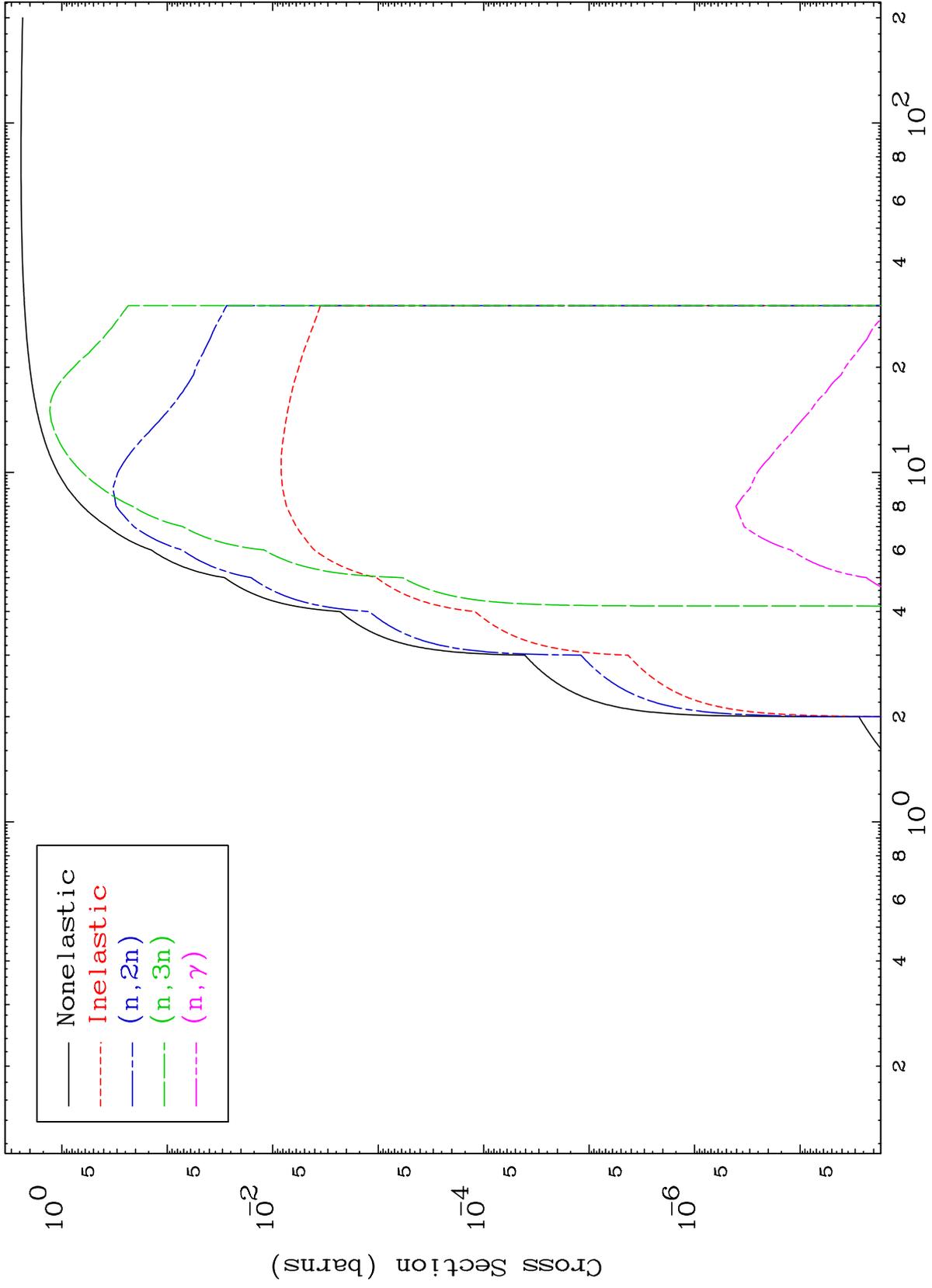
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Press Mouse Button to Start

MAT 4959

Deuteron Major
0 Kelvin Cross Sections

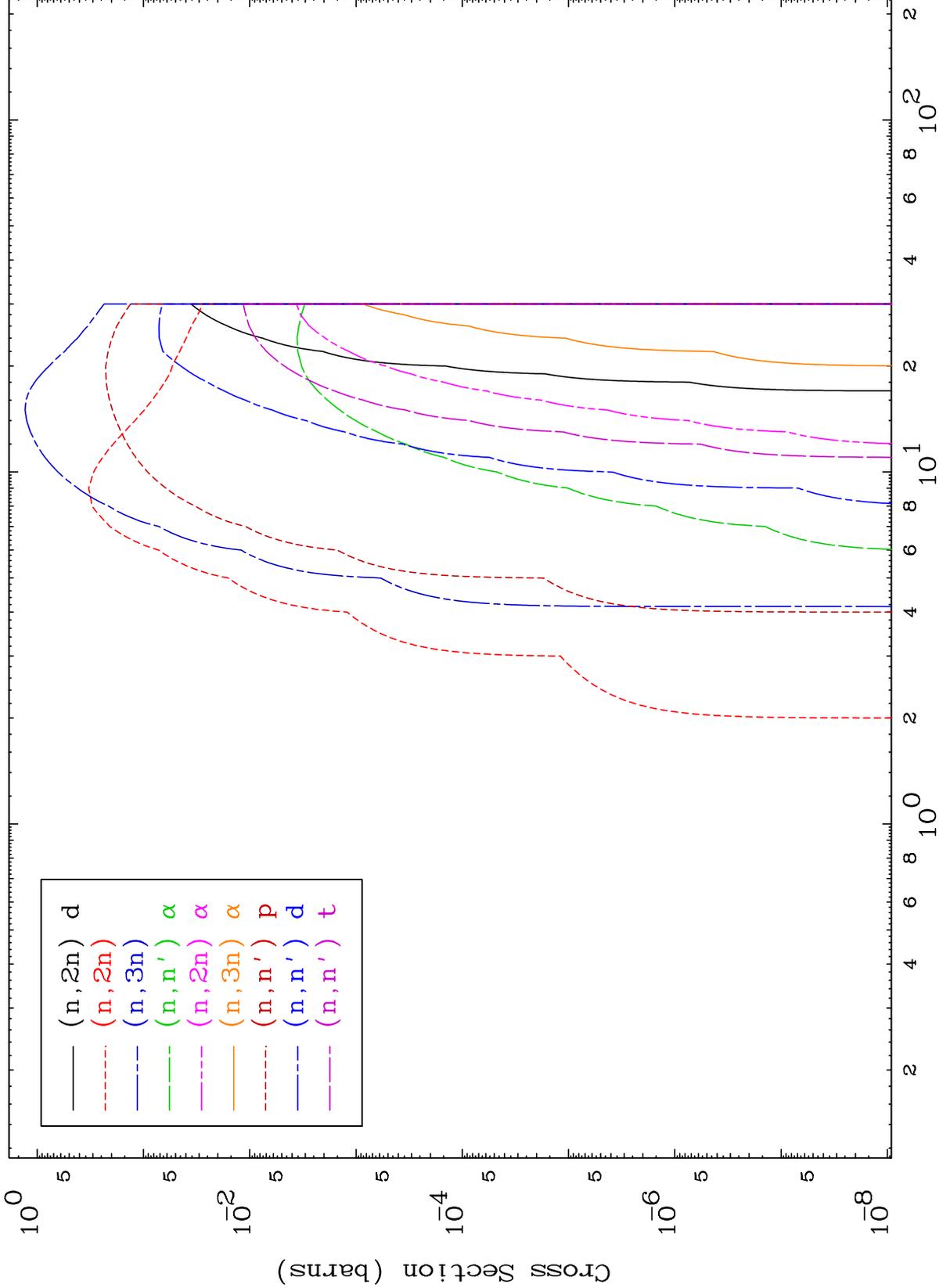
49-In-124m



MAT 4959

Deuteron Neutron Absorption
0 Kelvin Cross Sections

49-In-124m



—	(n,2n)	d
- - -	(n,2n)	
- · - ·	(n,3n)	
- - -	(n,n')	α
- · - ·	(n,2n)	α
- - -	(n,3n)	α
- · - ·	(n,n')	p
- - -	(n,n')	d
- · - ·	(n,n')	t

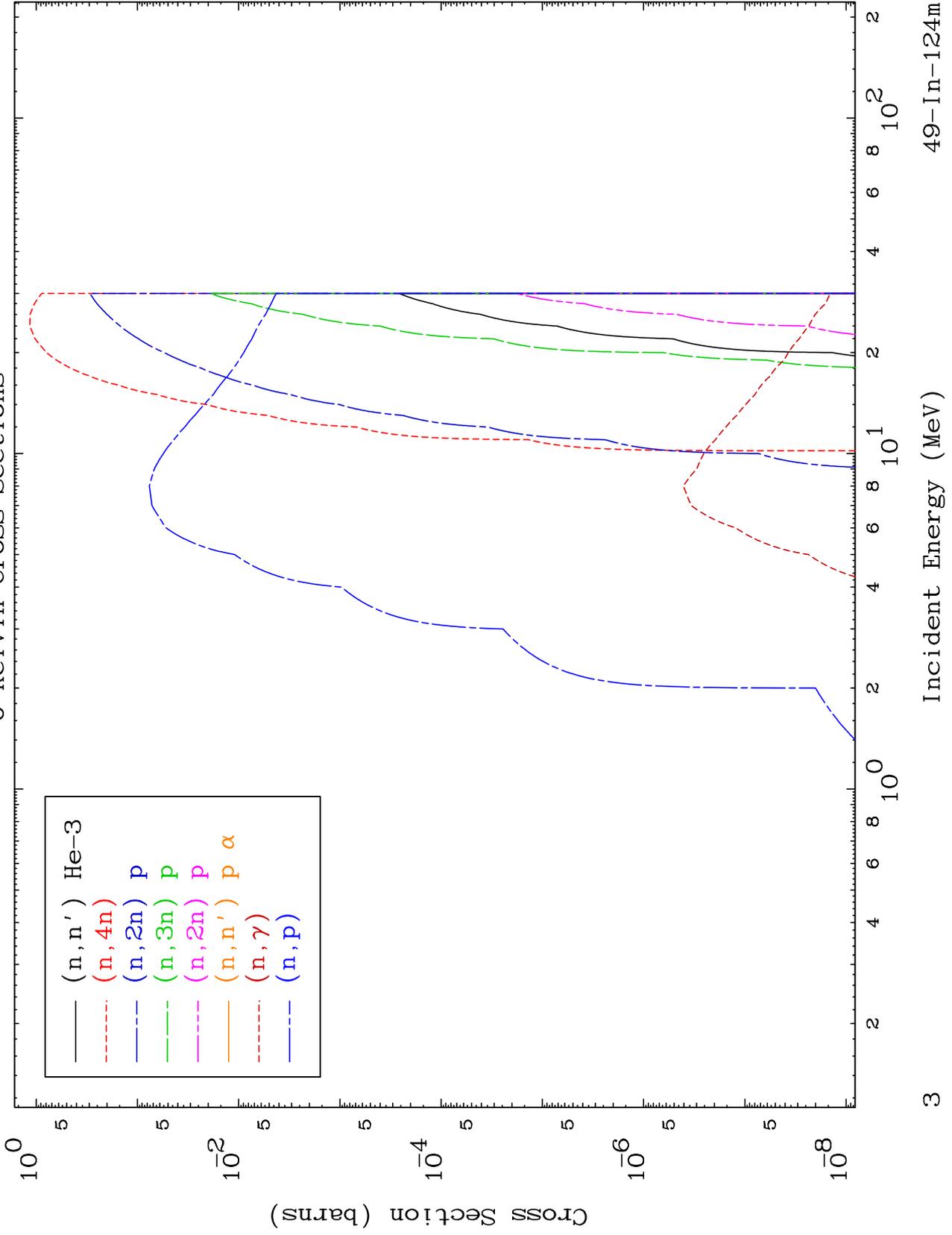
Incident Energy (MeV)

49-In-124m

MAT 4959

Deuteron Neutron Absorption
0 Kelvin Cross Sections

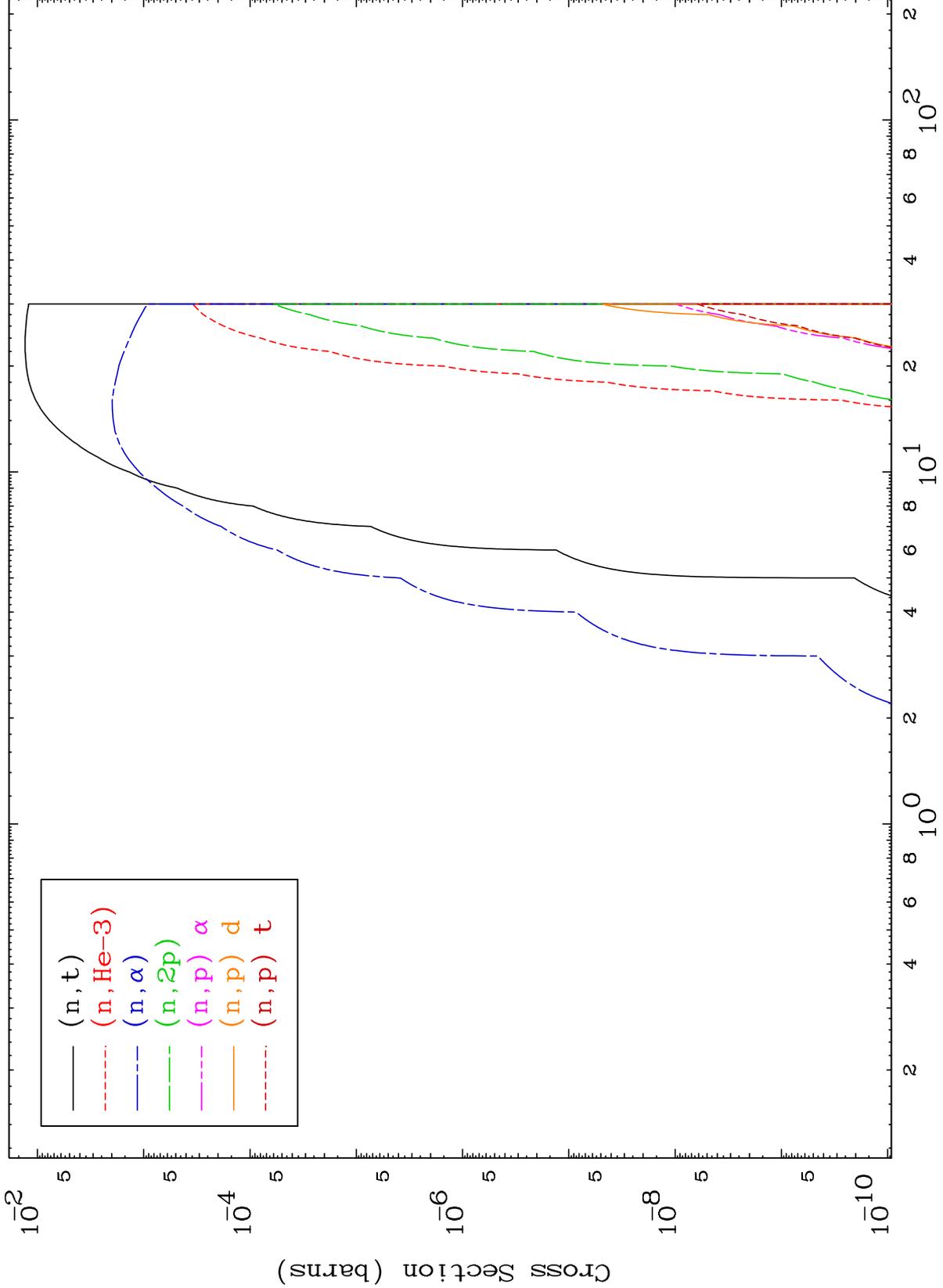
49-In-124m



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Deuteron Neutron Absorption
0 Kelvin Cross Sections

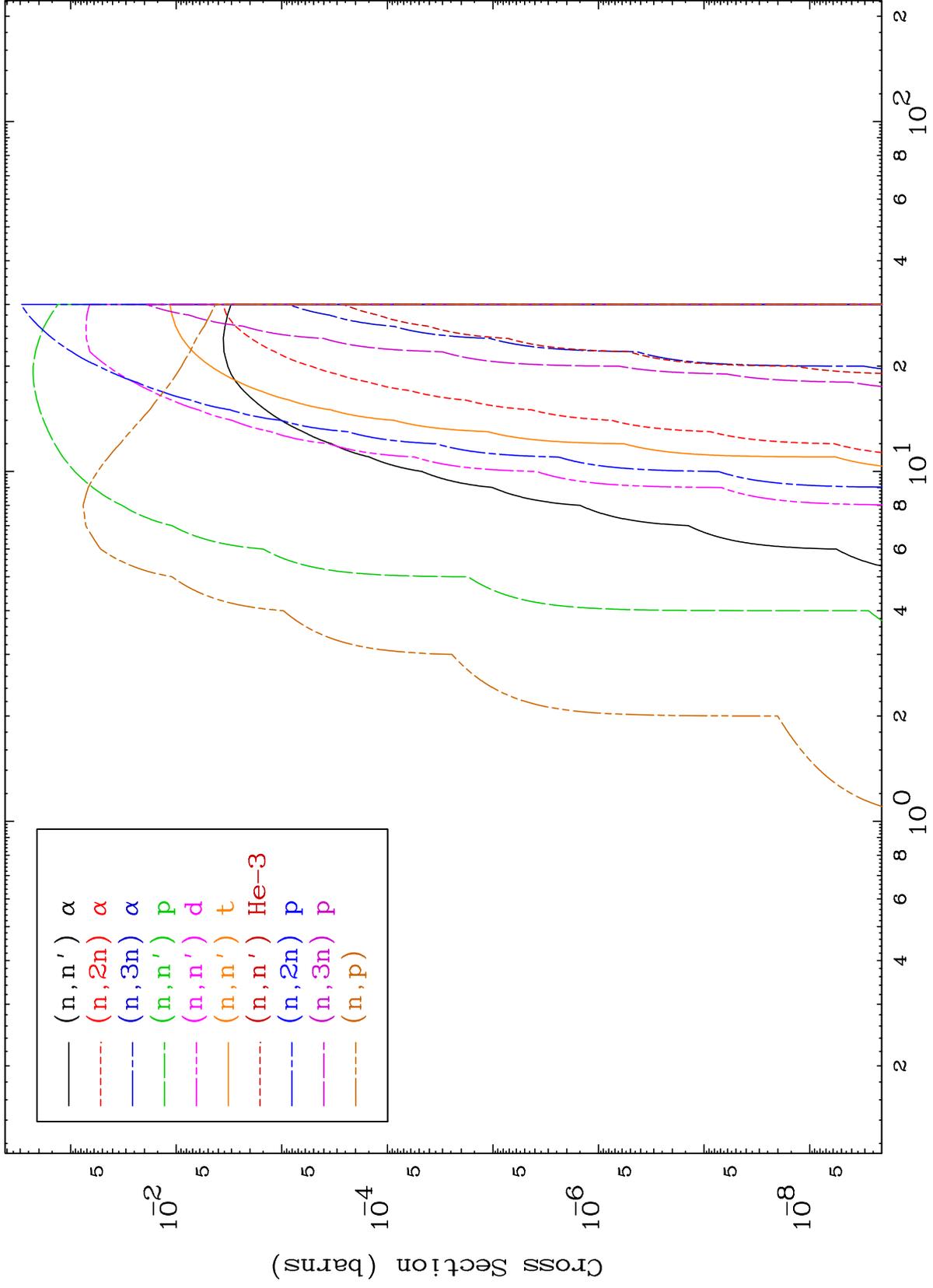
49-In-124m



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Deuteron Charged Particle
0 Kelvin Cross Sections

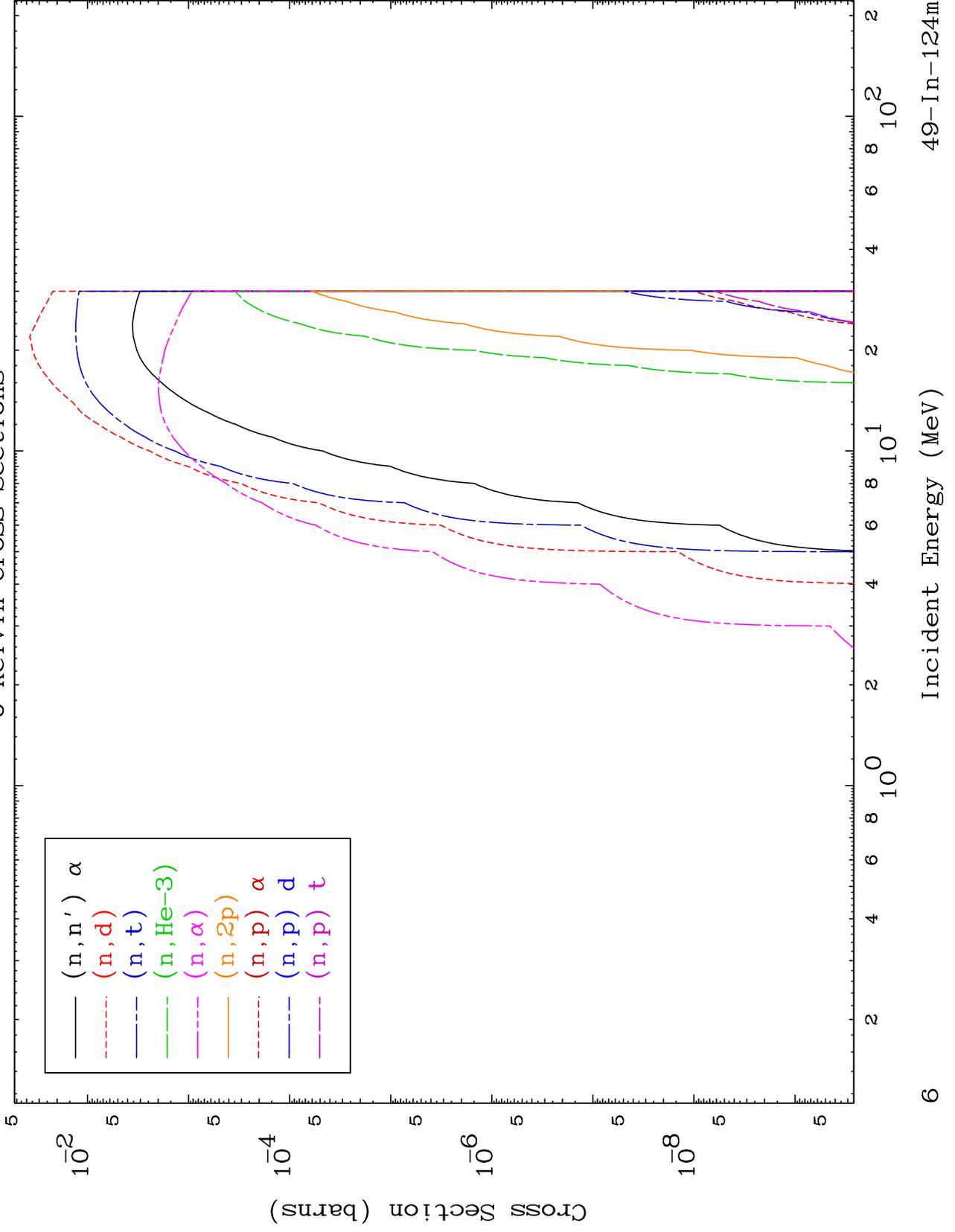
49-In-124m



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Deuteron Charged Particle
0 Kelvin Cross Sections

49-In-124m

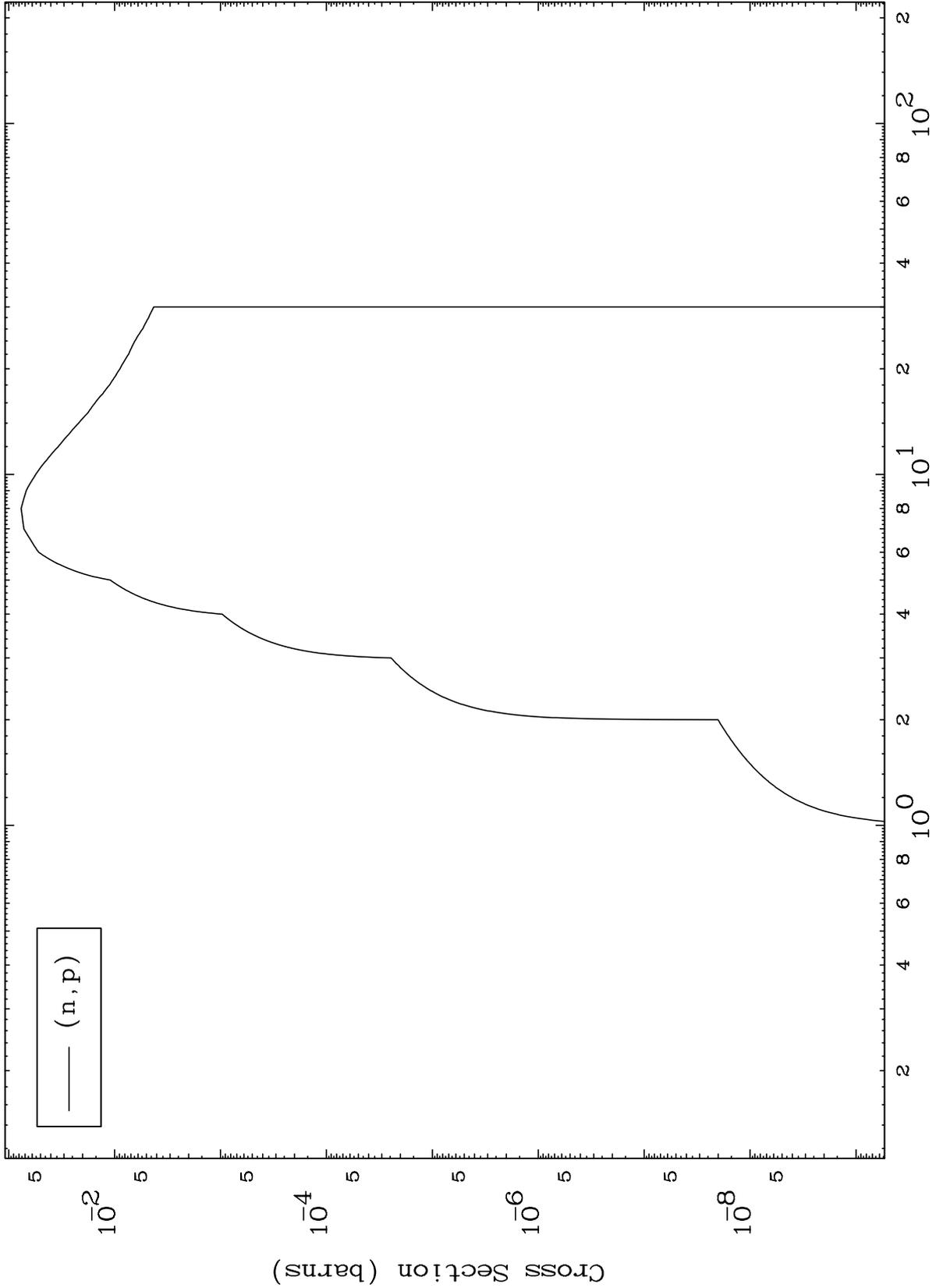


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(d,p) Levels

49-In-124m

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

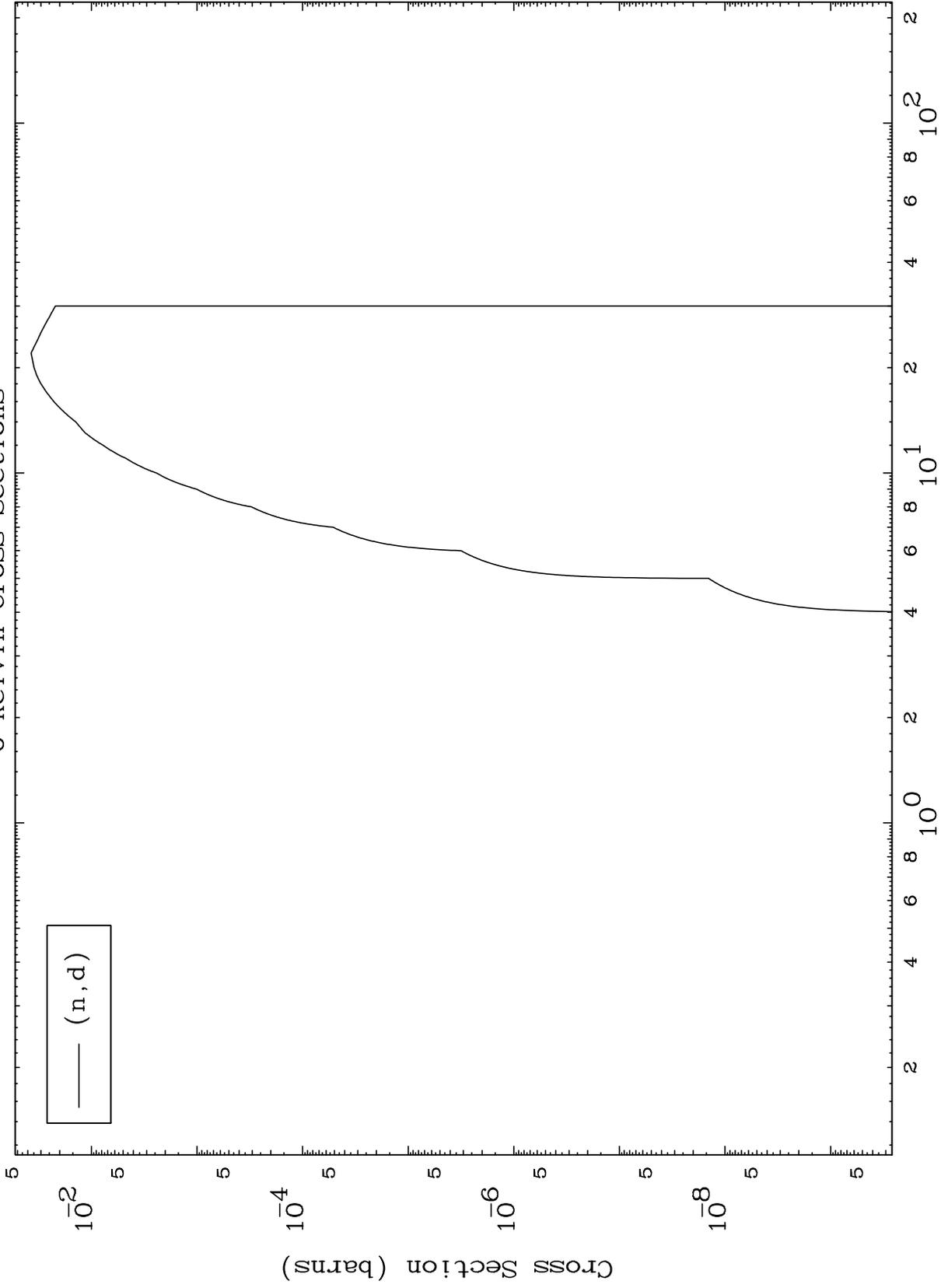
49-In-124m

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(d,d) Levels

49-In-124m

0 Kelvin Cross Sections

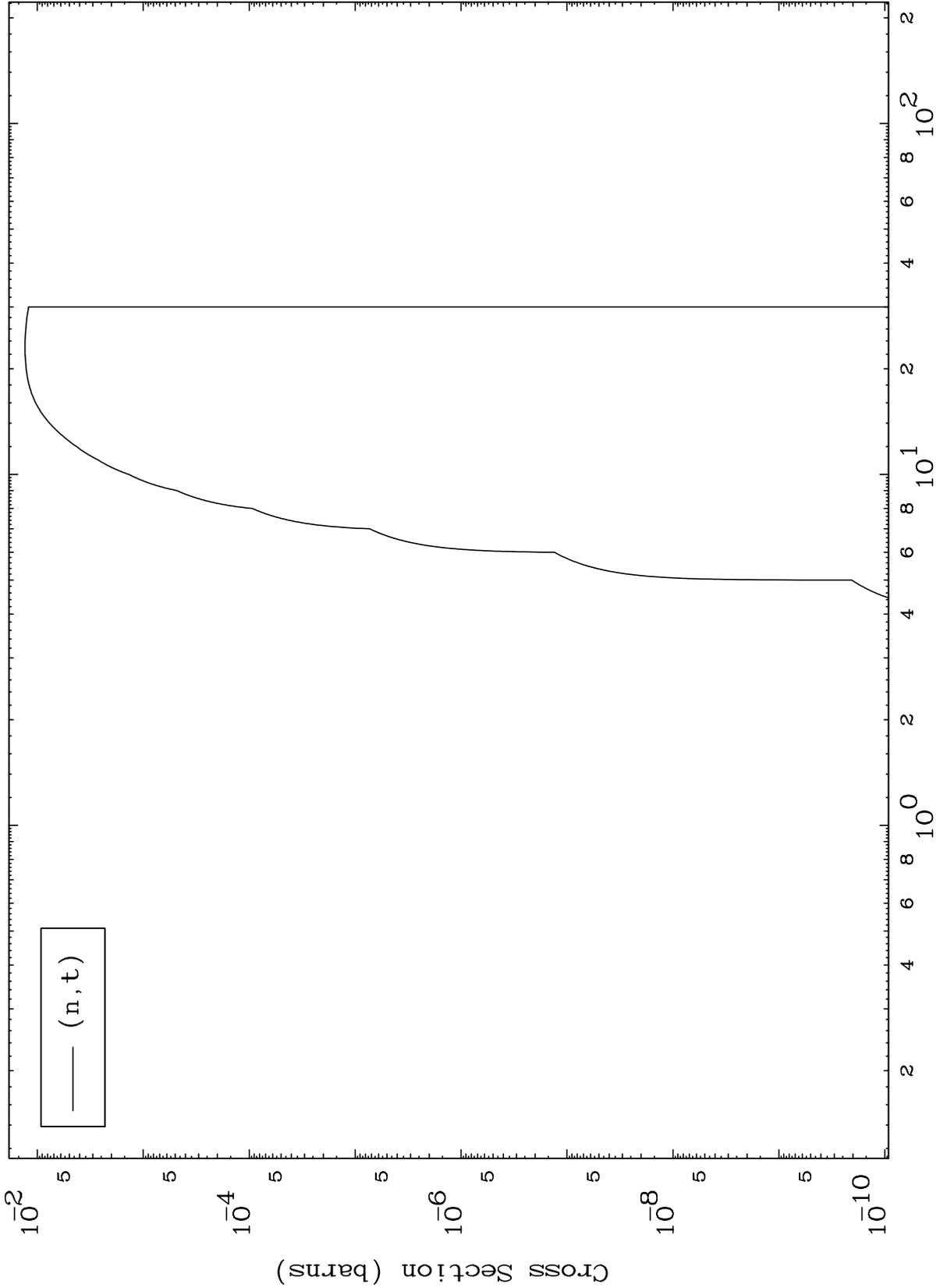


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(d,t) Levels

49-In-124m

0 Kelvin Cross Sections



(n,t)

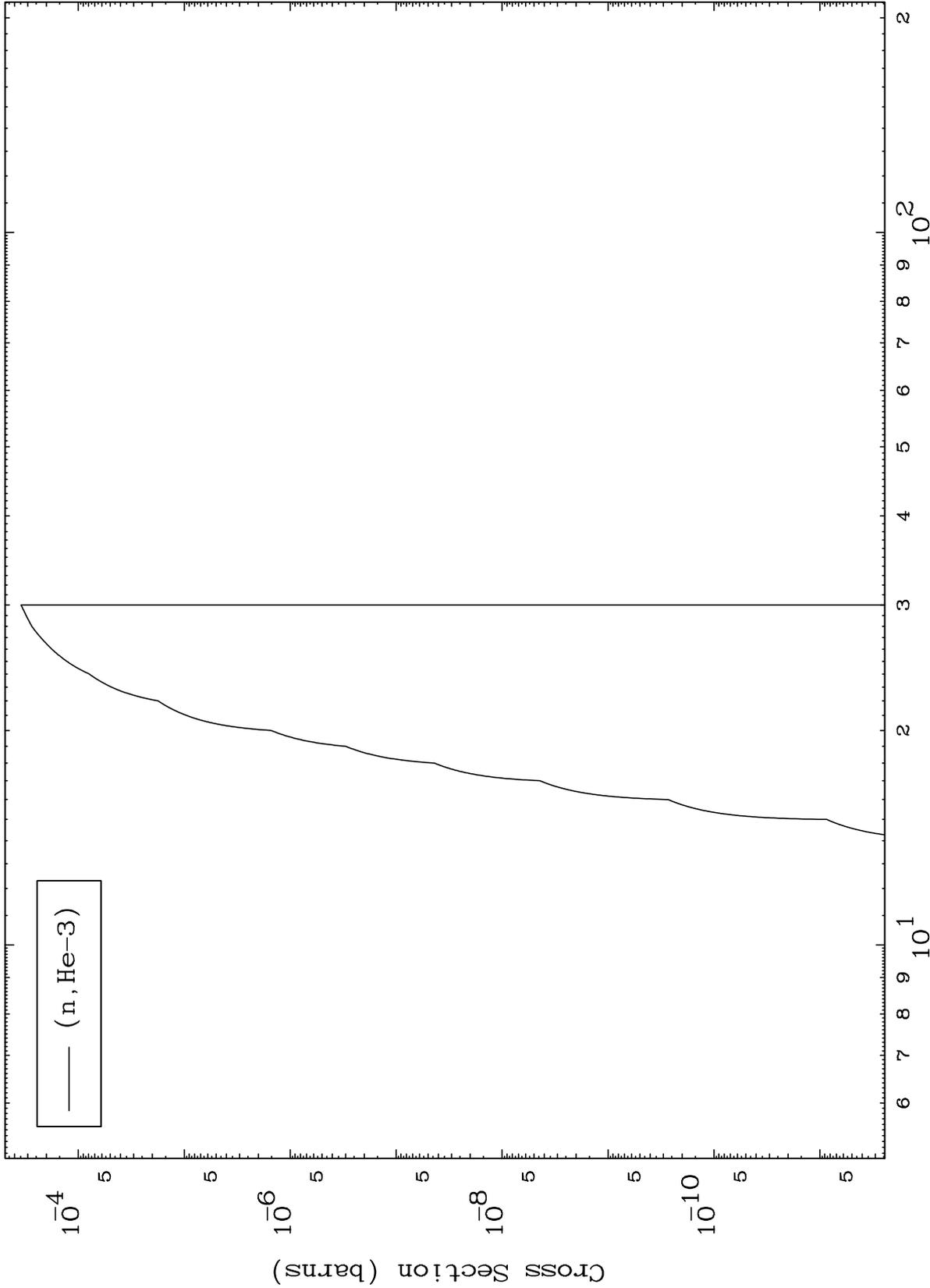
Incident Energy (MeV)

49-In-124m

MAT 4959

(d,He3) Levels
0 Kelvin Cross Sections

49-In-124m



10

Incident Energy (MeV)

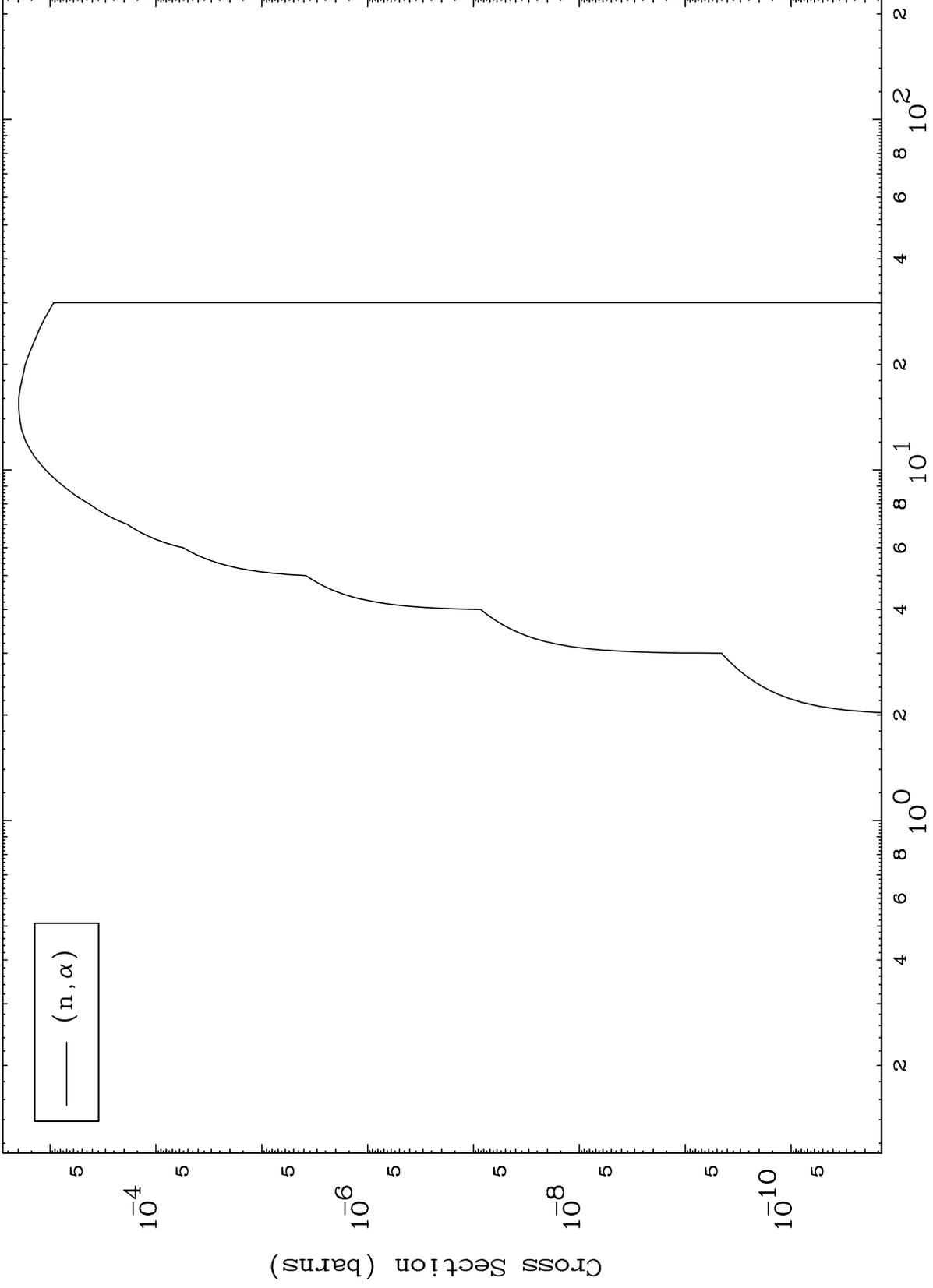
49-In-124m

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(d, α) Levels

49-In-124m

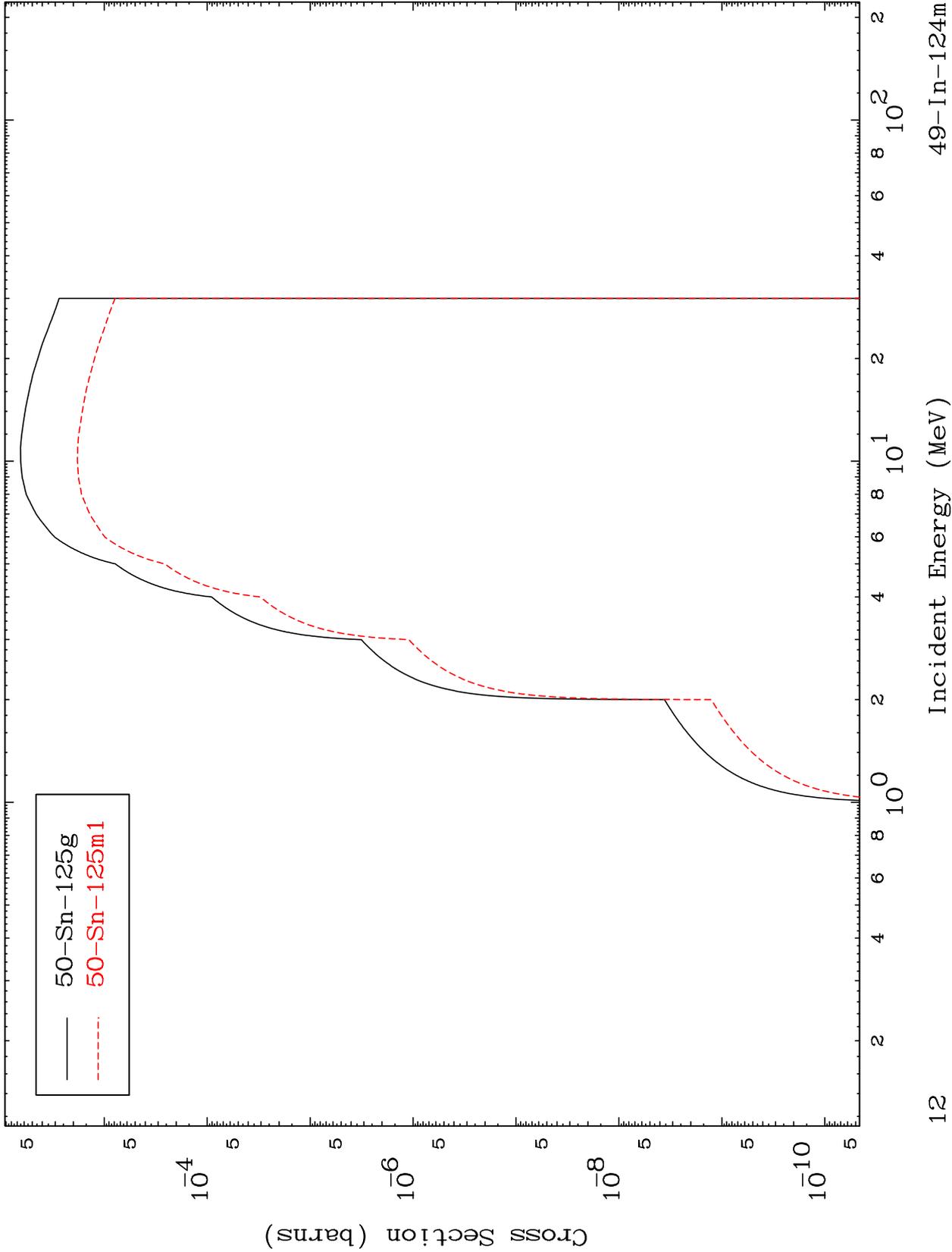
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

49-In-124m



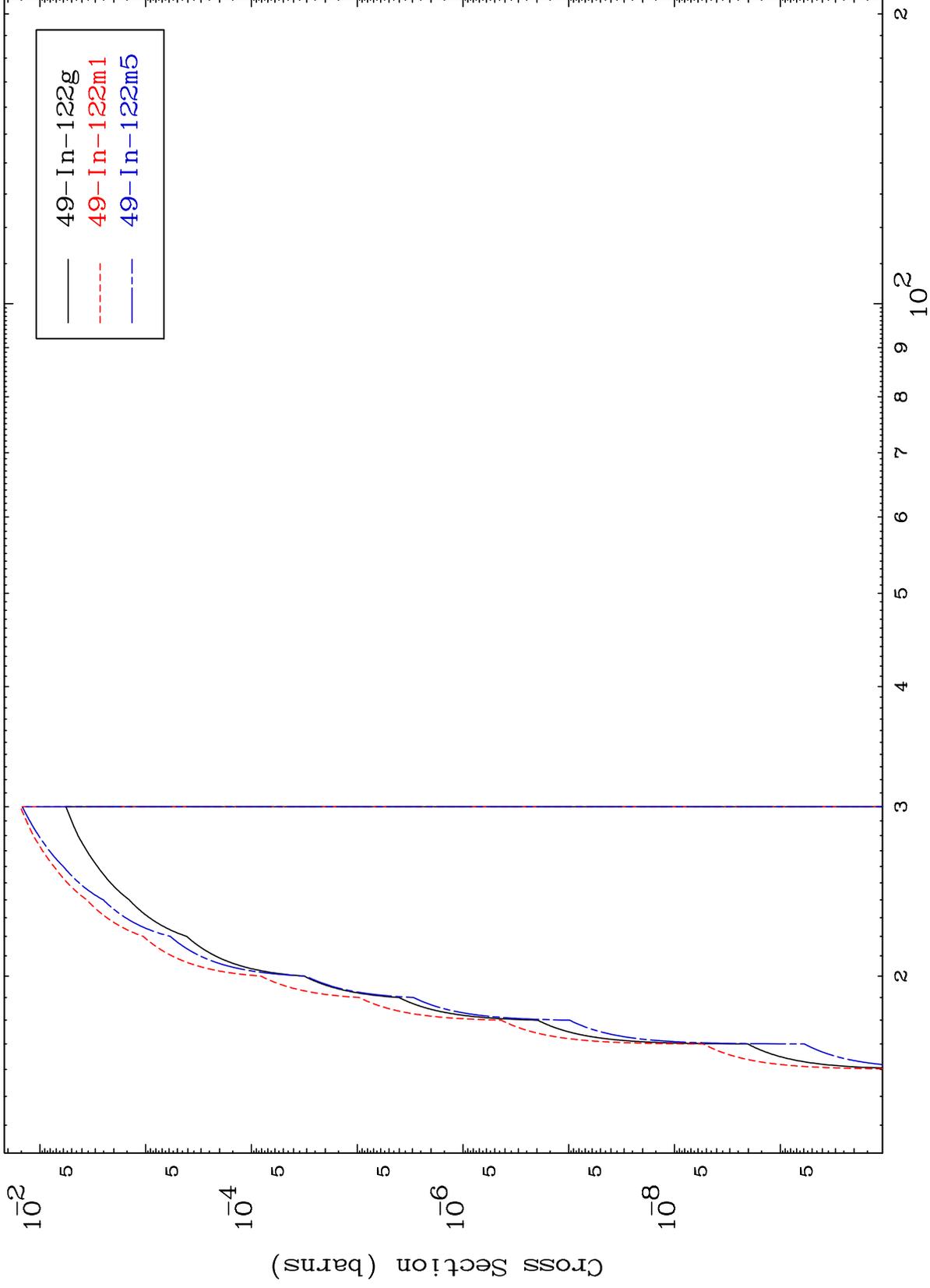
49-In-124m

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(n,2n) d

49-In-124m

Radionuclide Production Cross Section

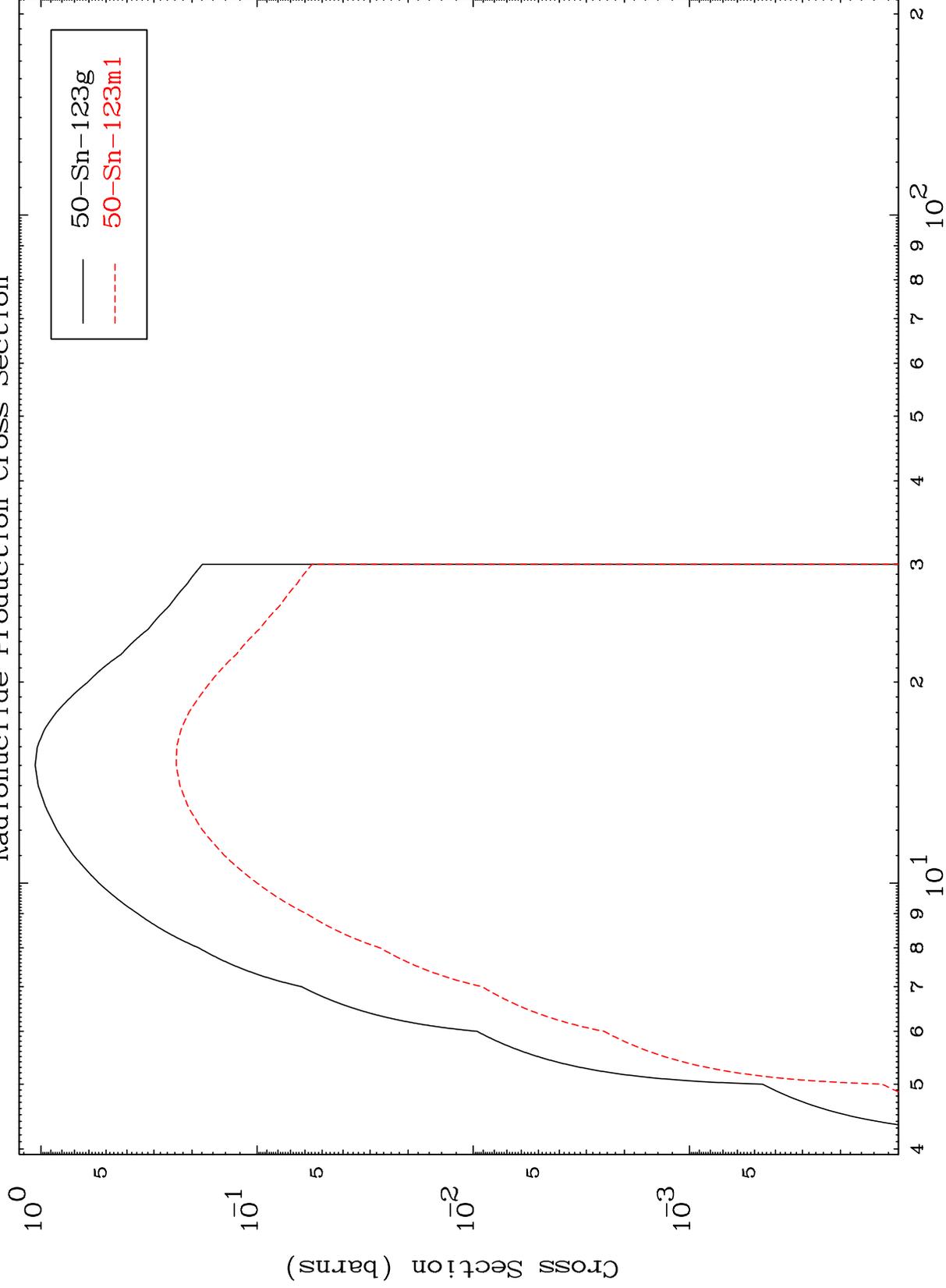


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(n, 3n)

49-In-124m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-124m

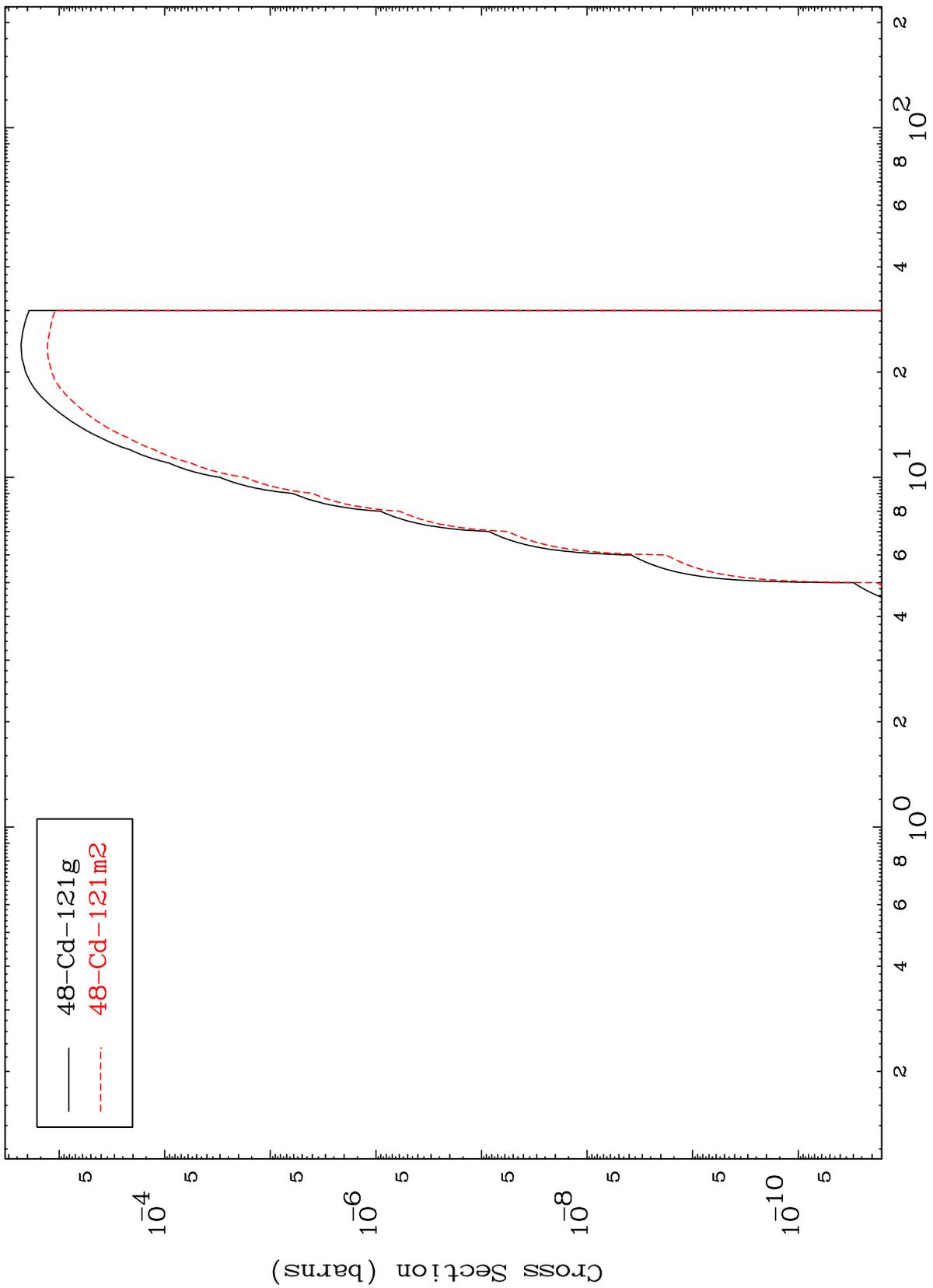
14

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(n,n') α

49-In-124m

Radionuclide Production Cross Section

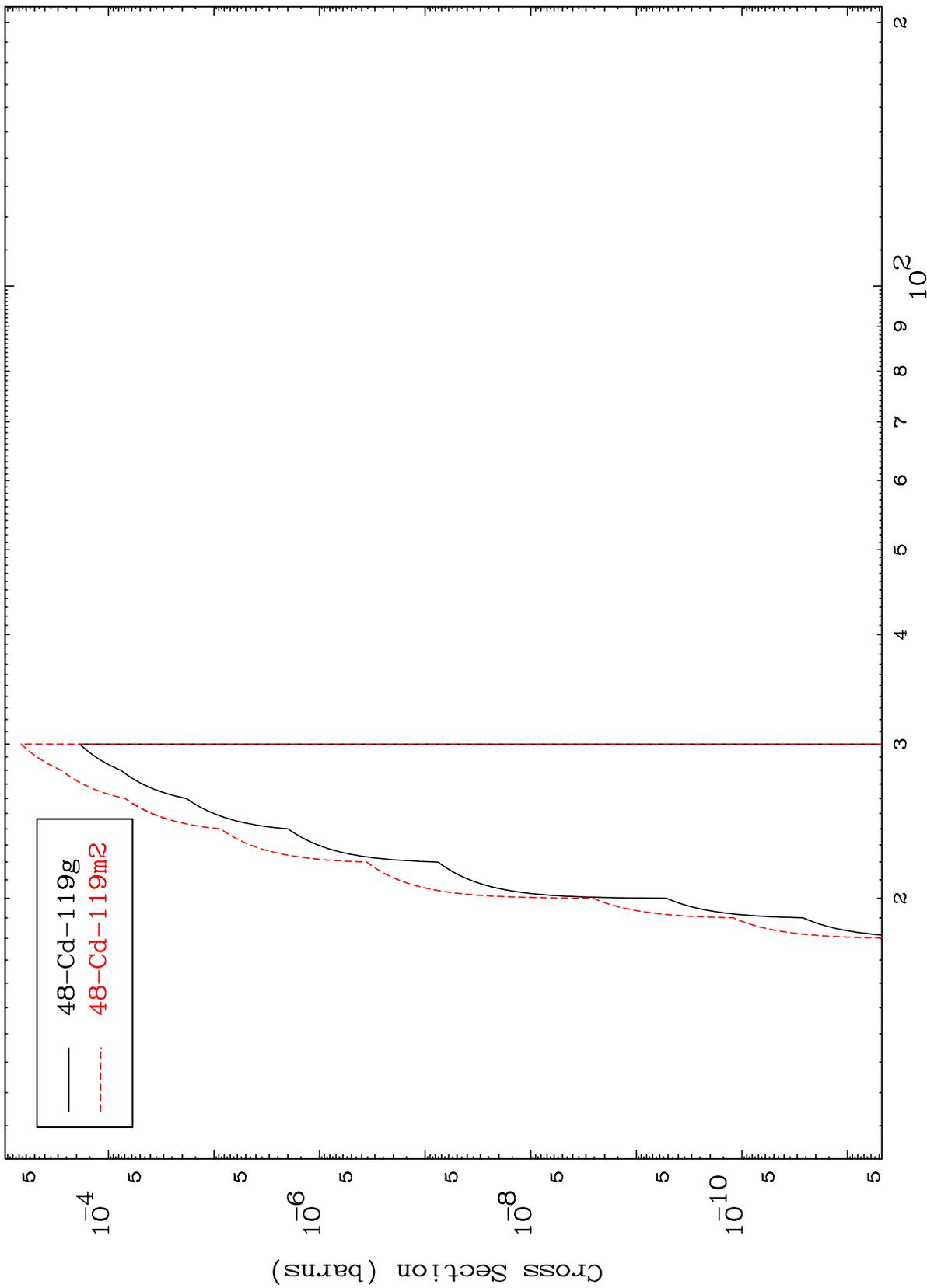


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(n,3n) α

49-In-124m

Radionuclide Production Cross Section

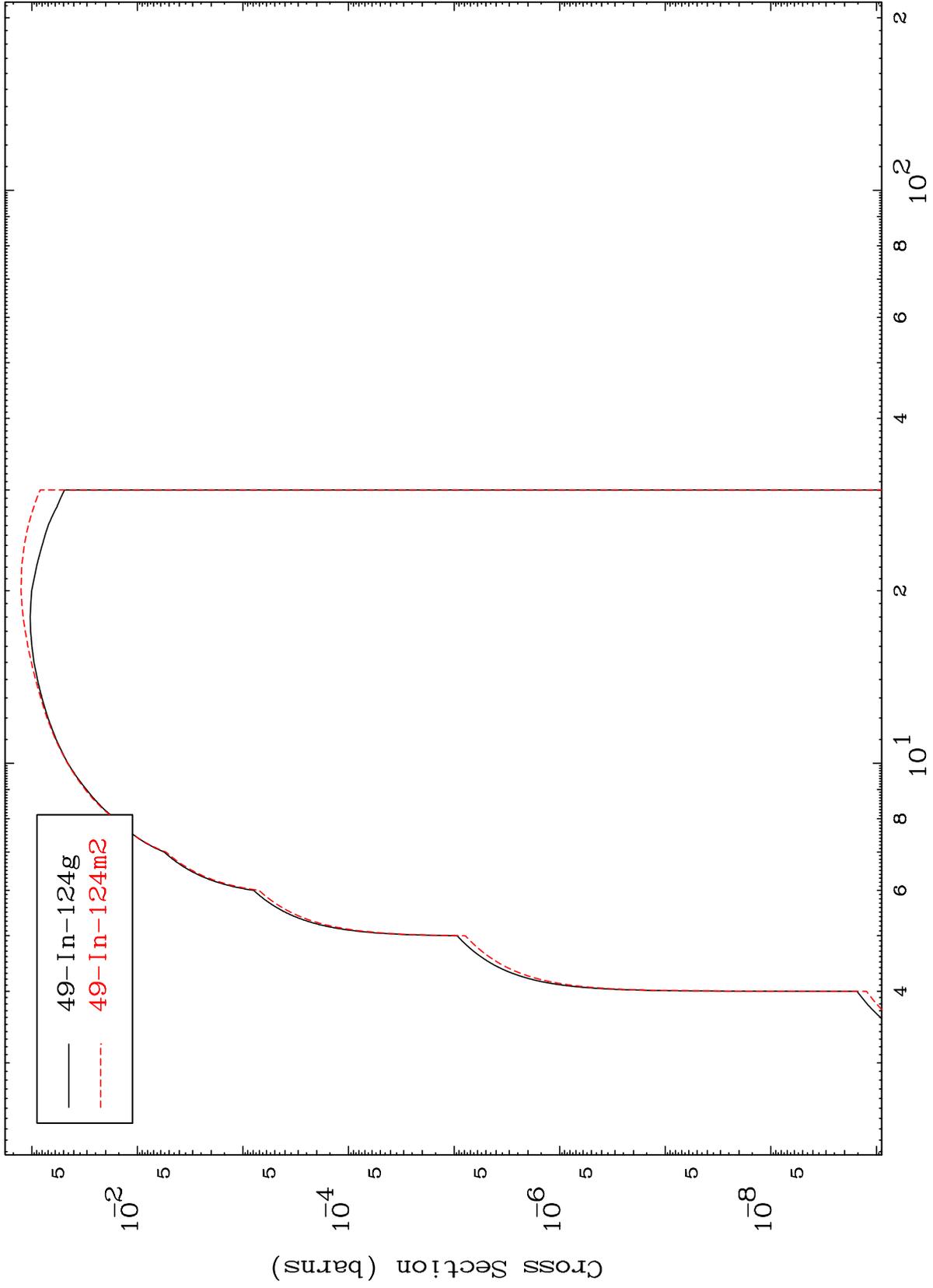


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(n,n') p

49-In-124m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

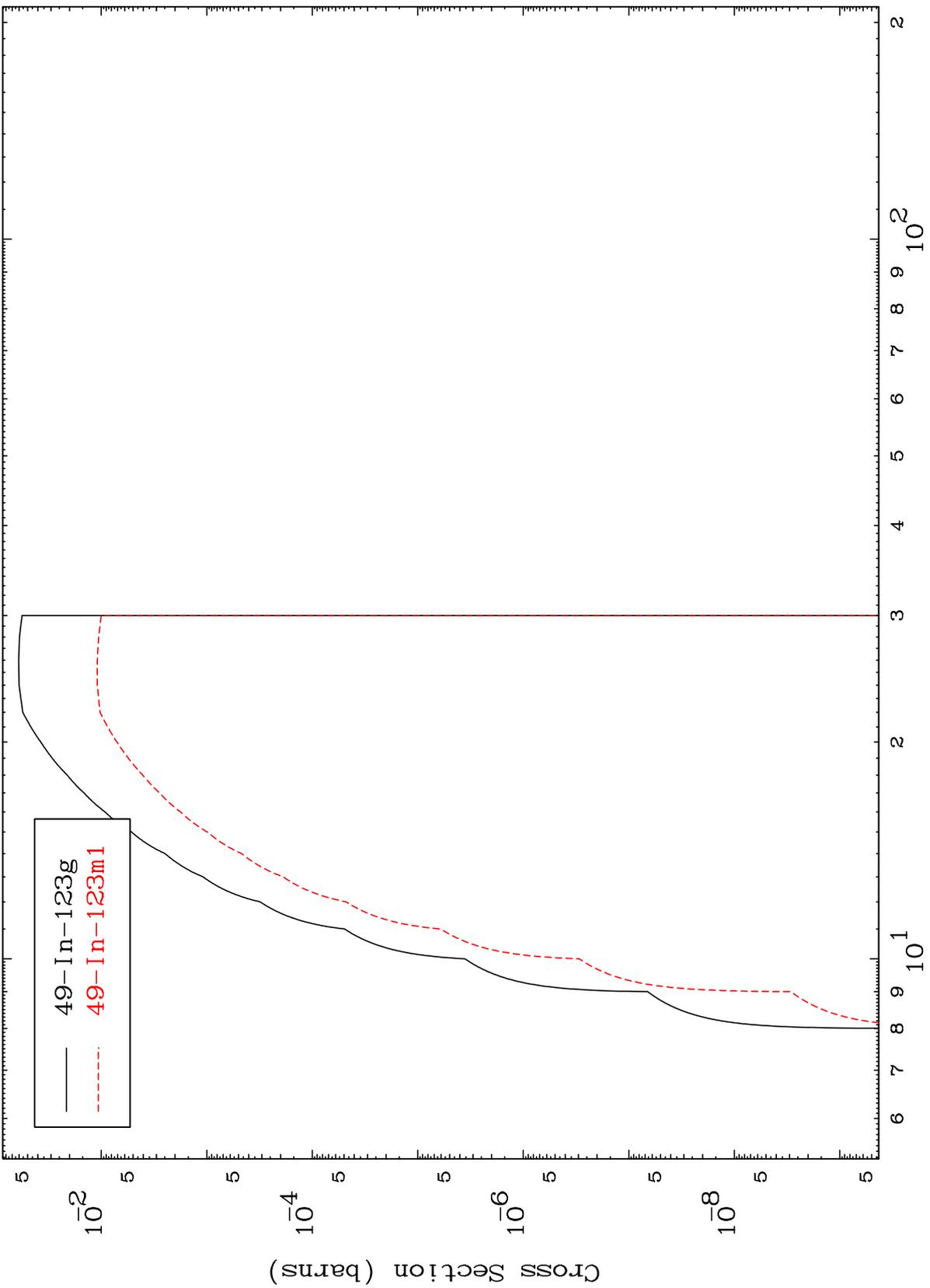
49-In-124m

MAT 4959

(n,n') d

49-In-124m

Radionuclide Production Cross Section



— 49-In-123g
- - - 49-In-123m1

18

Incident Energy (MeV)

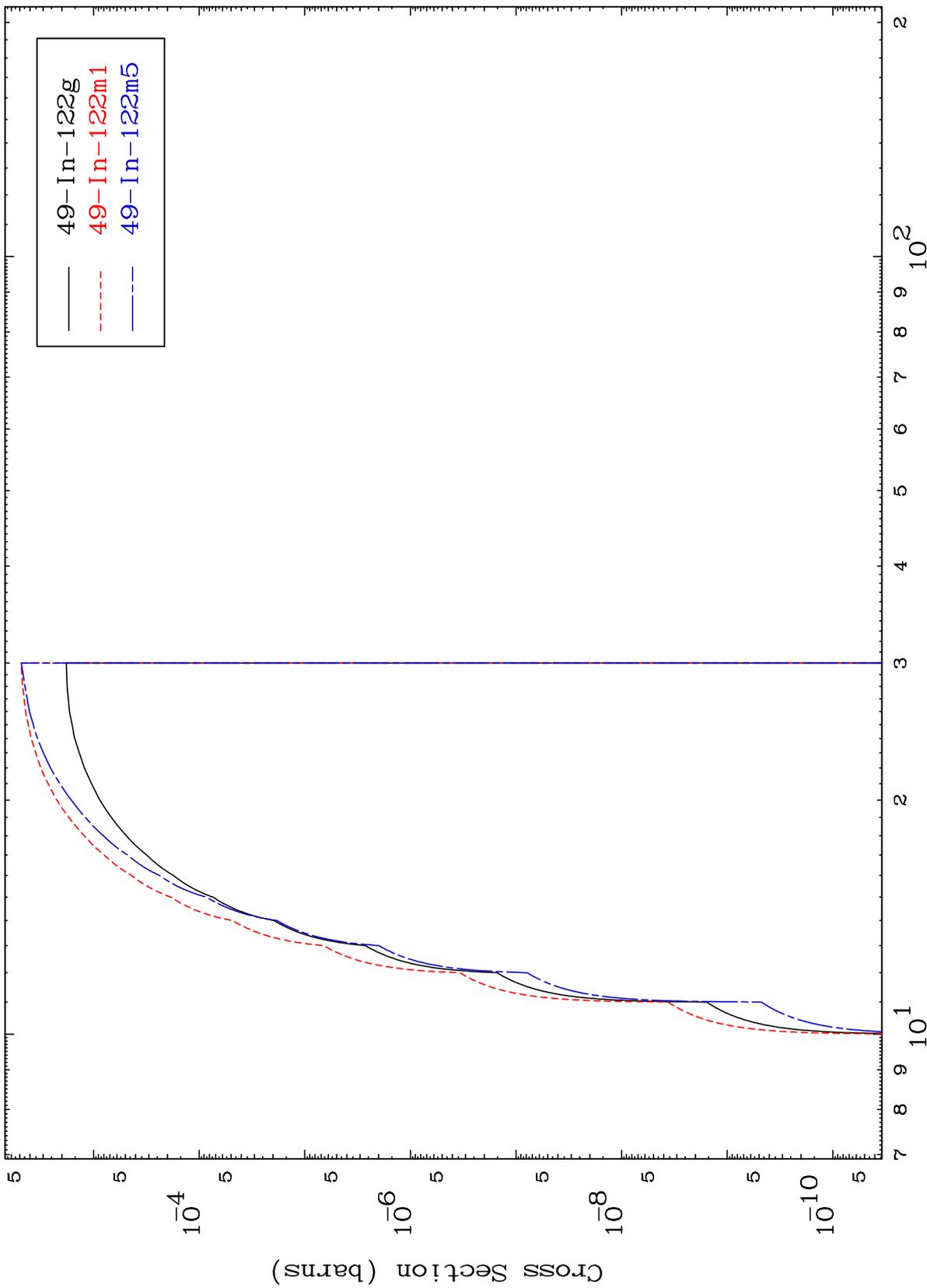
49-In-124m

MAT 4959

(n,n') t

49-In-124m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

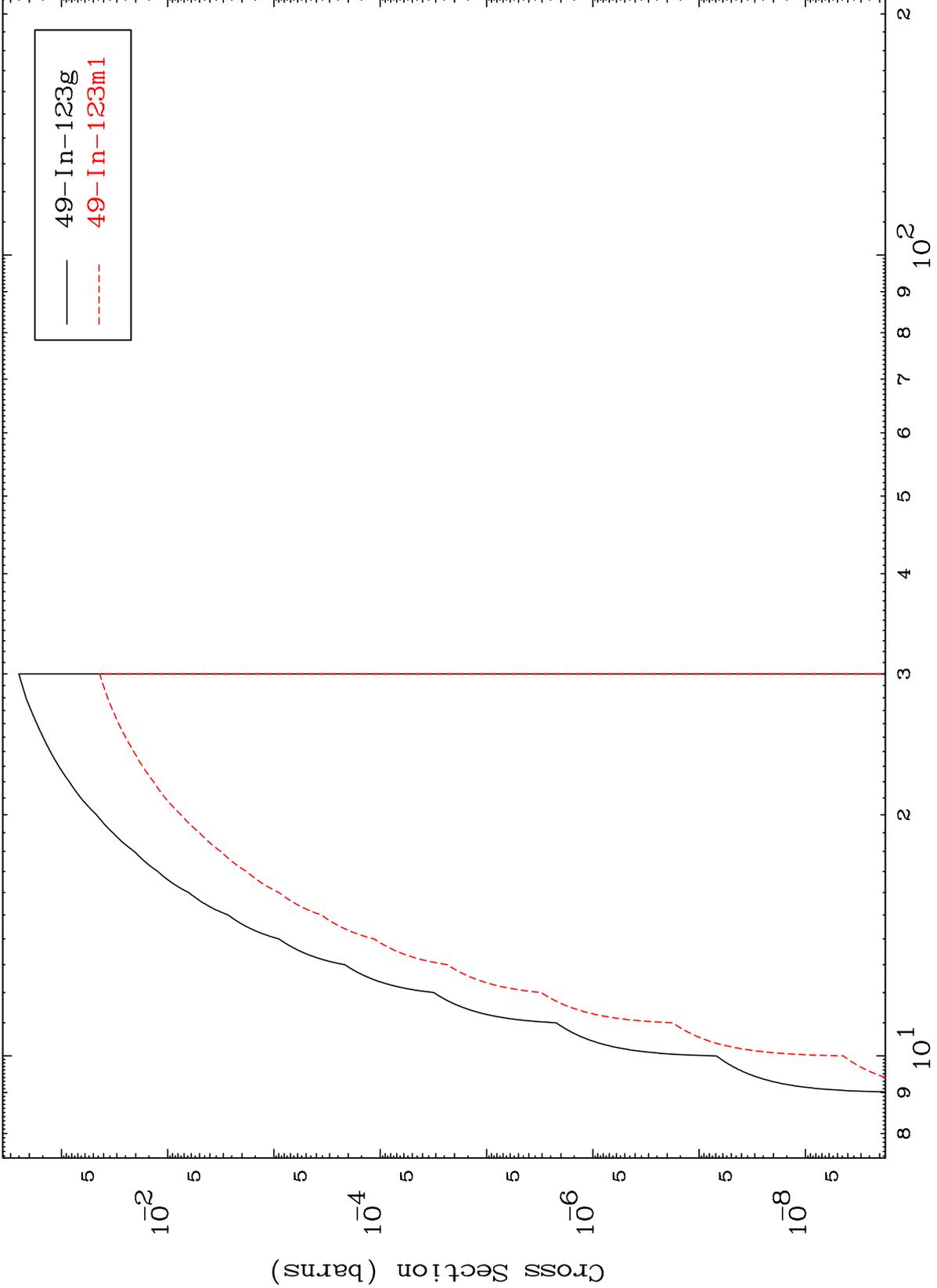
49-In-124m

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(n,2n) p

49-In-124m

Radionuclide Production Cross Section



20

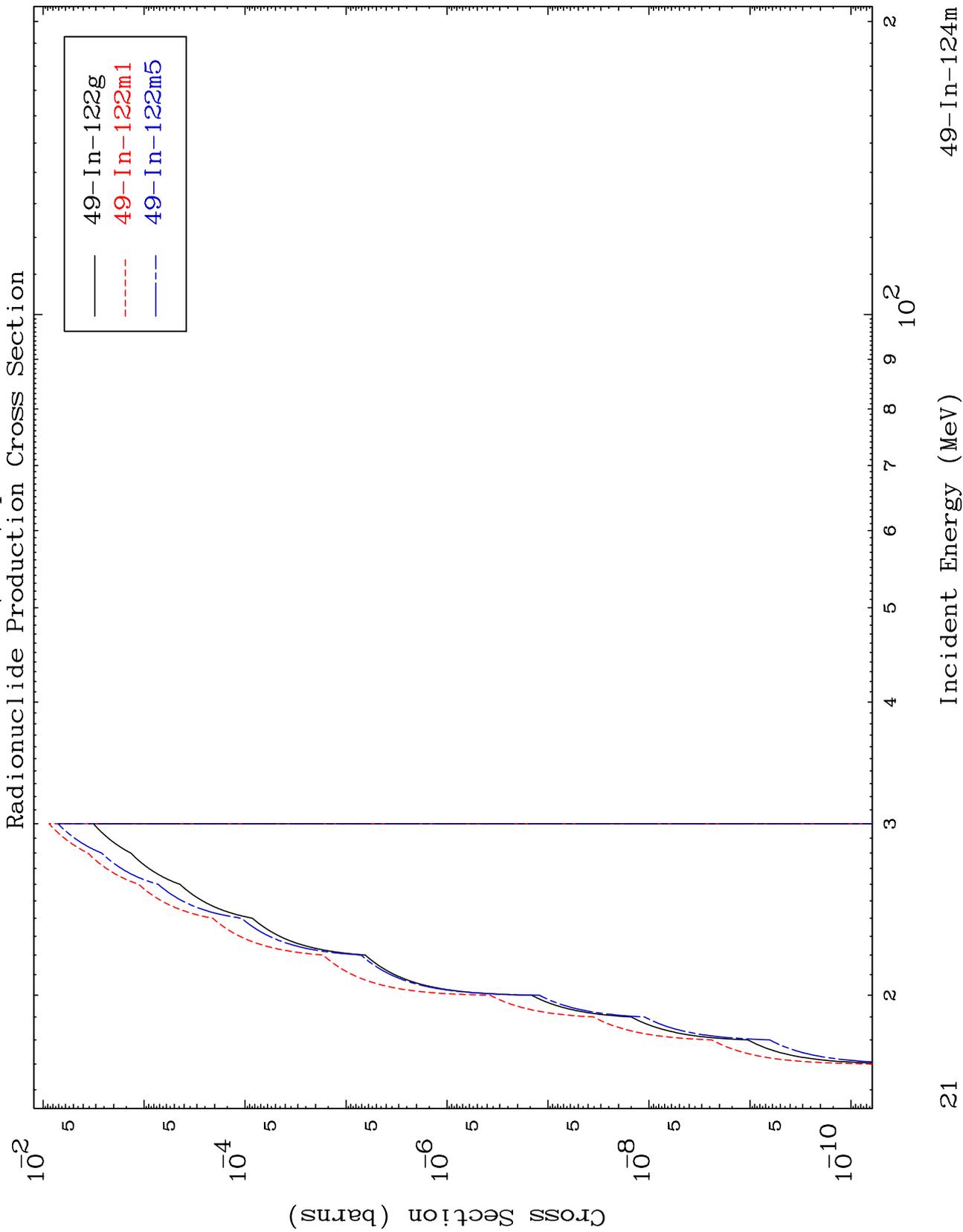
Incident Energy (MeV)

49-In-124m

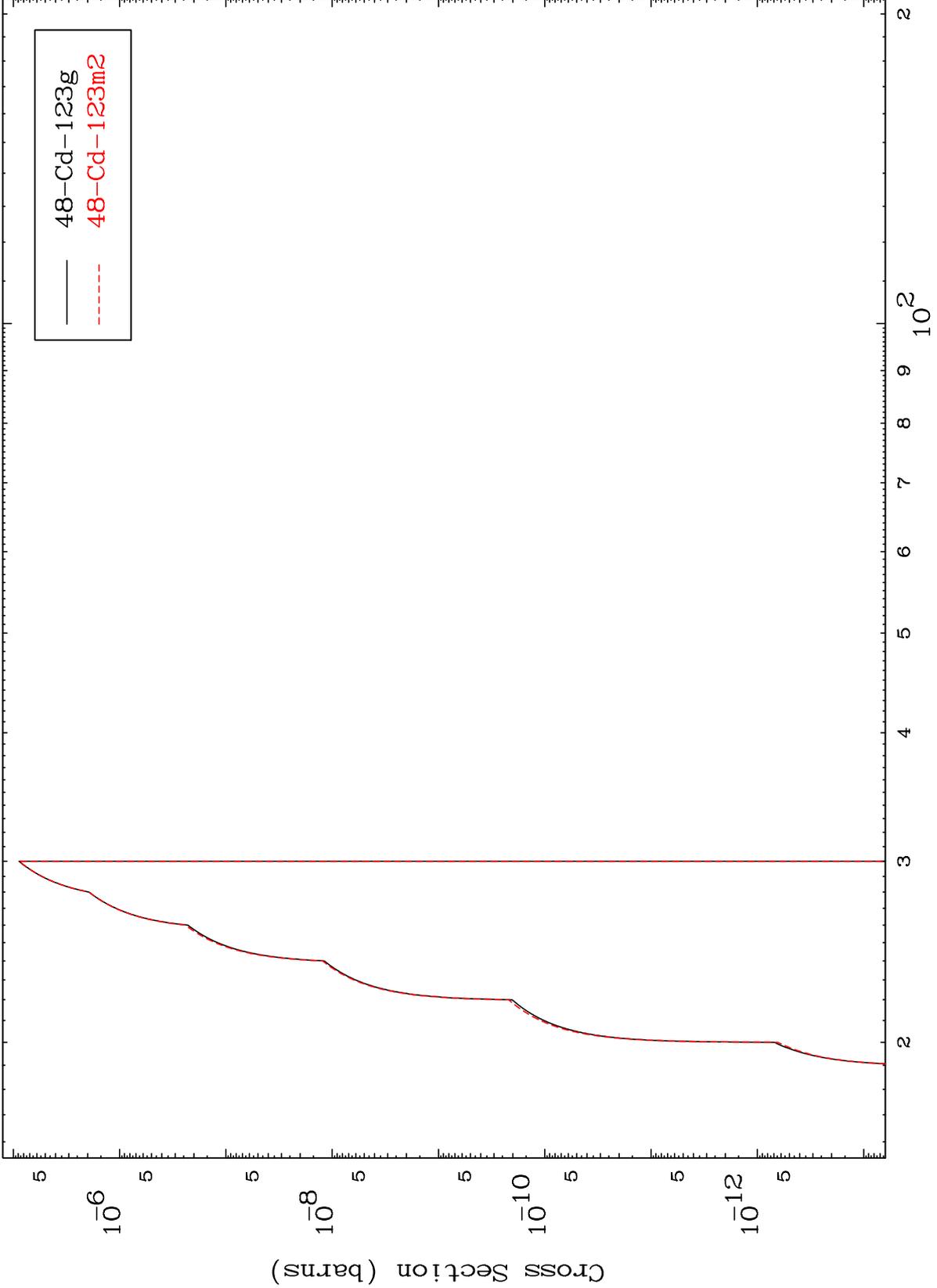
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(n,3n) p

49-In-124m



Radionuclide Production Cross Section

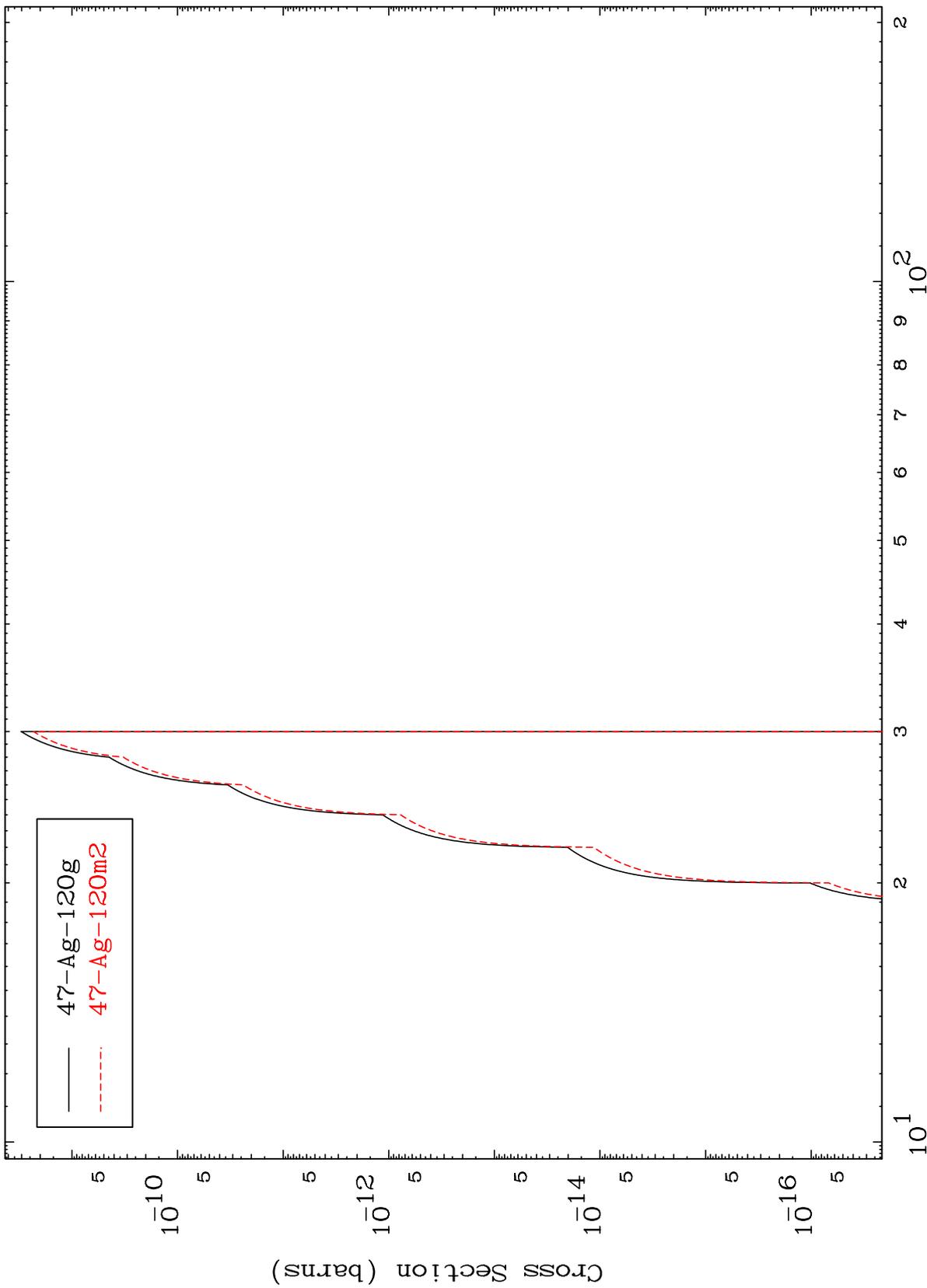


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(n,n') p α

49-In-124m

Radionuclide Production Cross Section



Incident Energy (MeV)

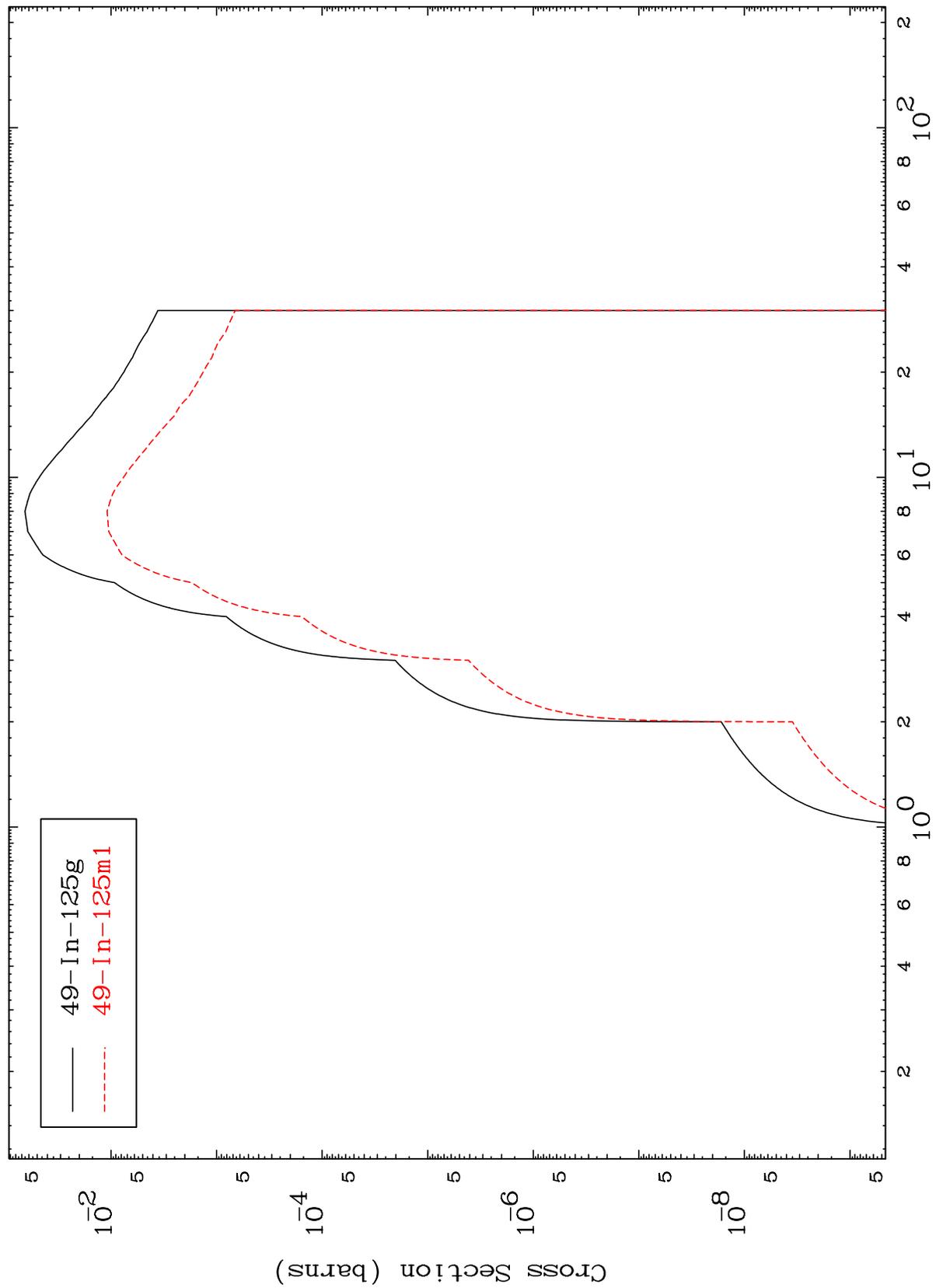
49-In-124m

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49-In-124m

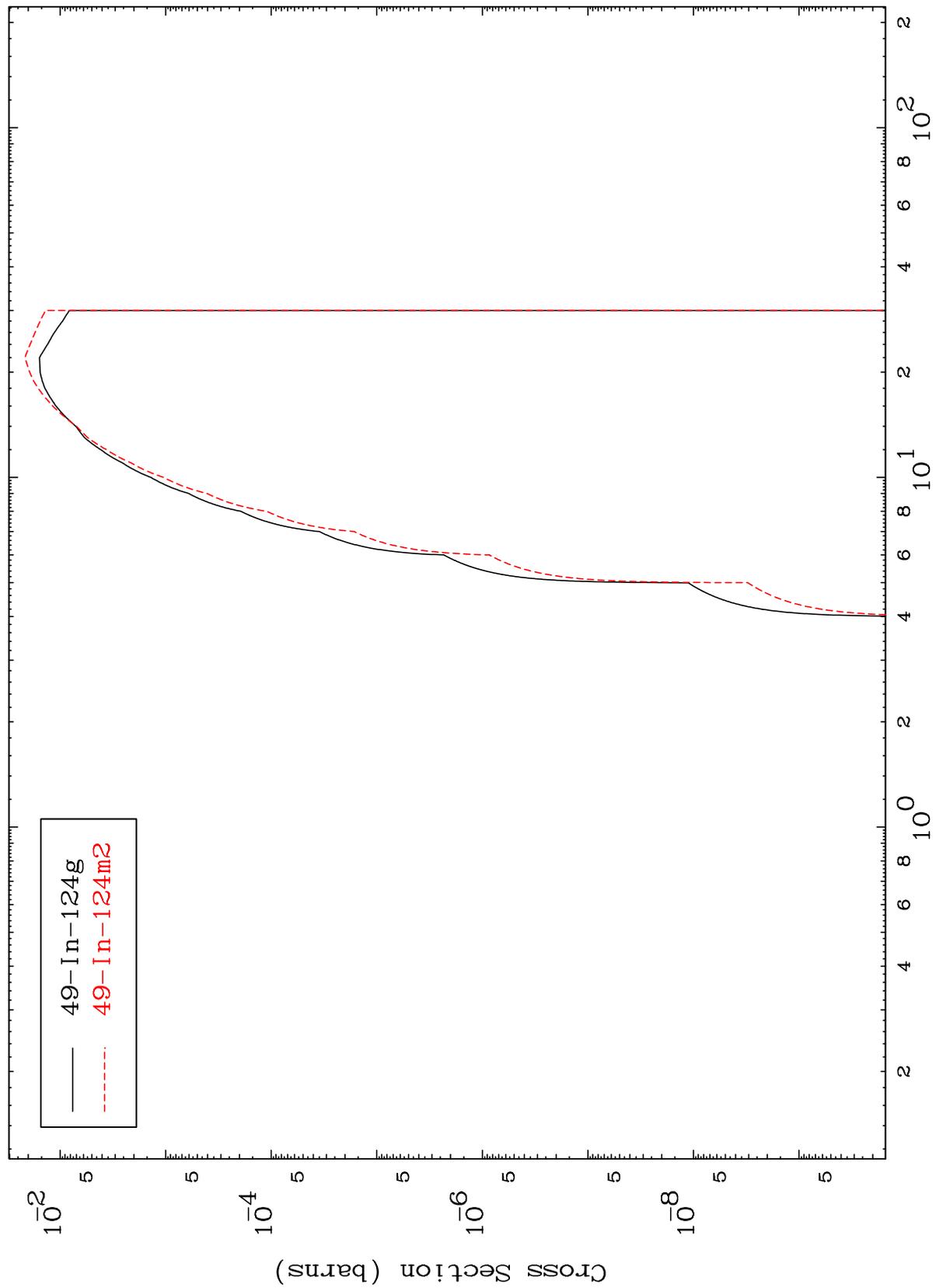
(n,p)
Radionuclide Production Cross Section



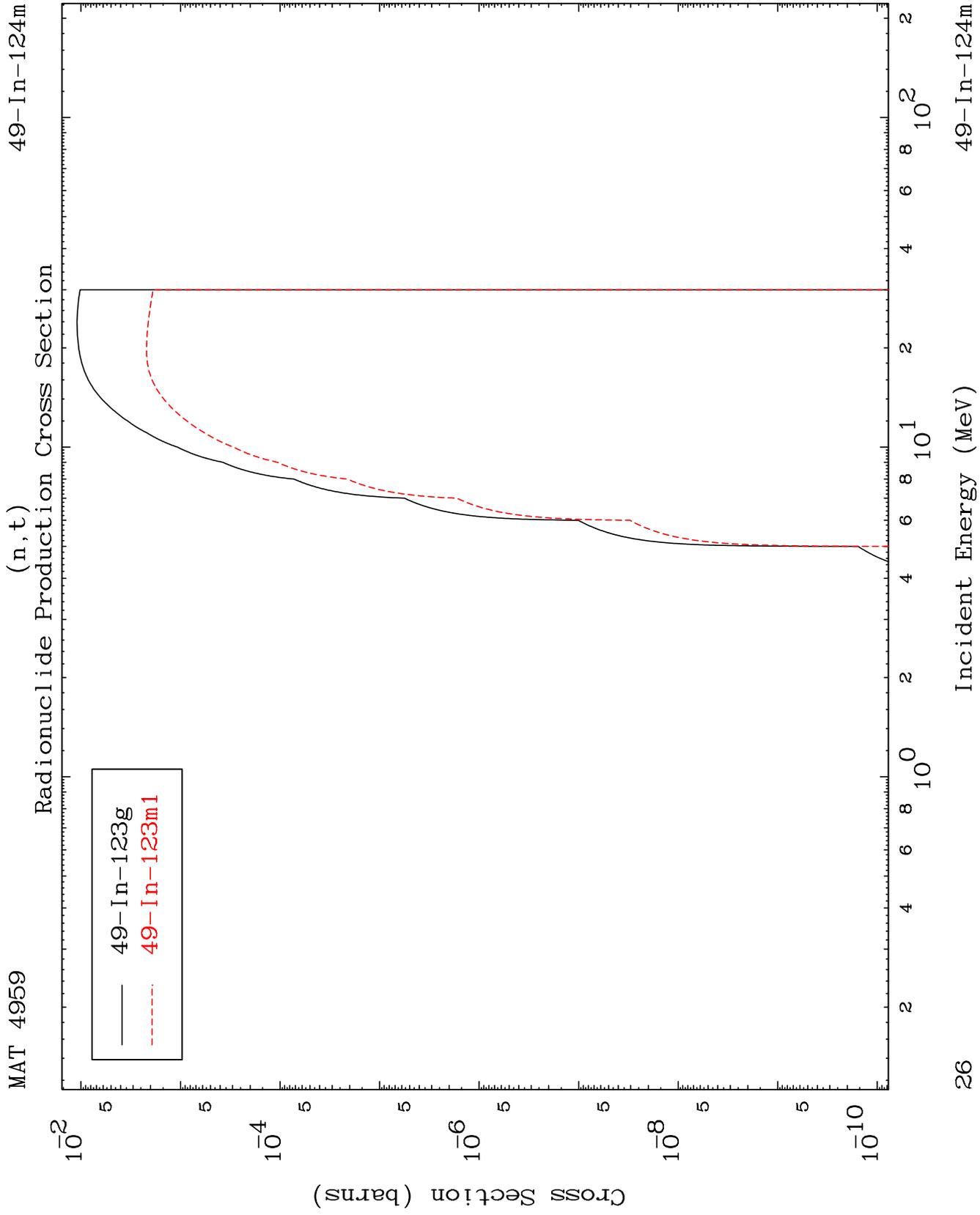
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49-In-124m

(n,d)
Radionuclide Production Cross Section



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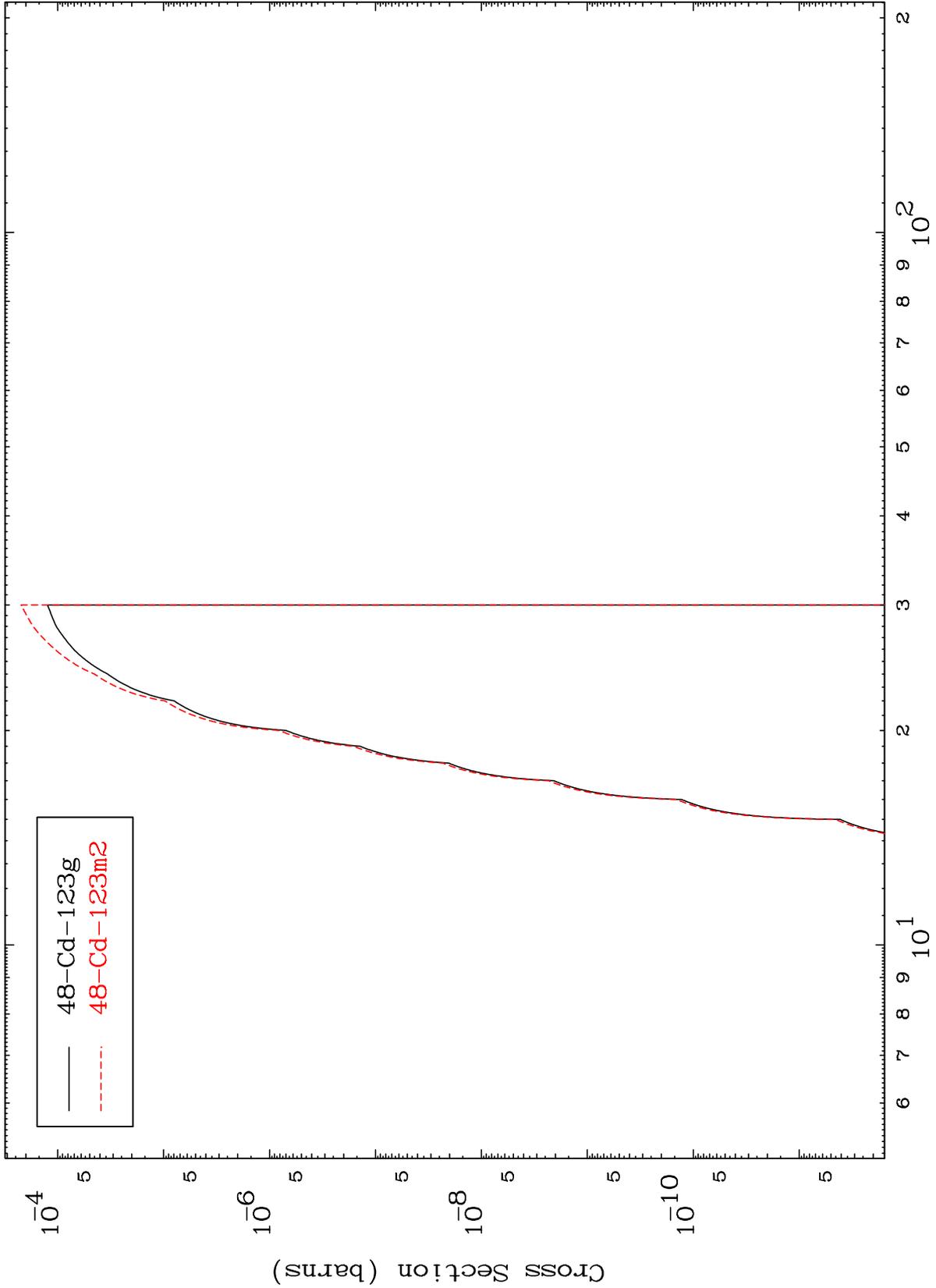


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(n,He-3)

49-In-124m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

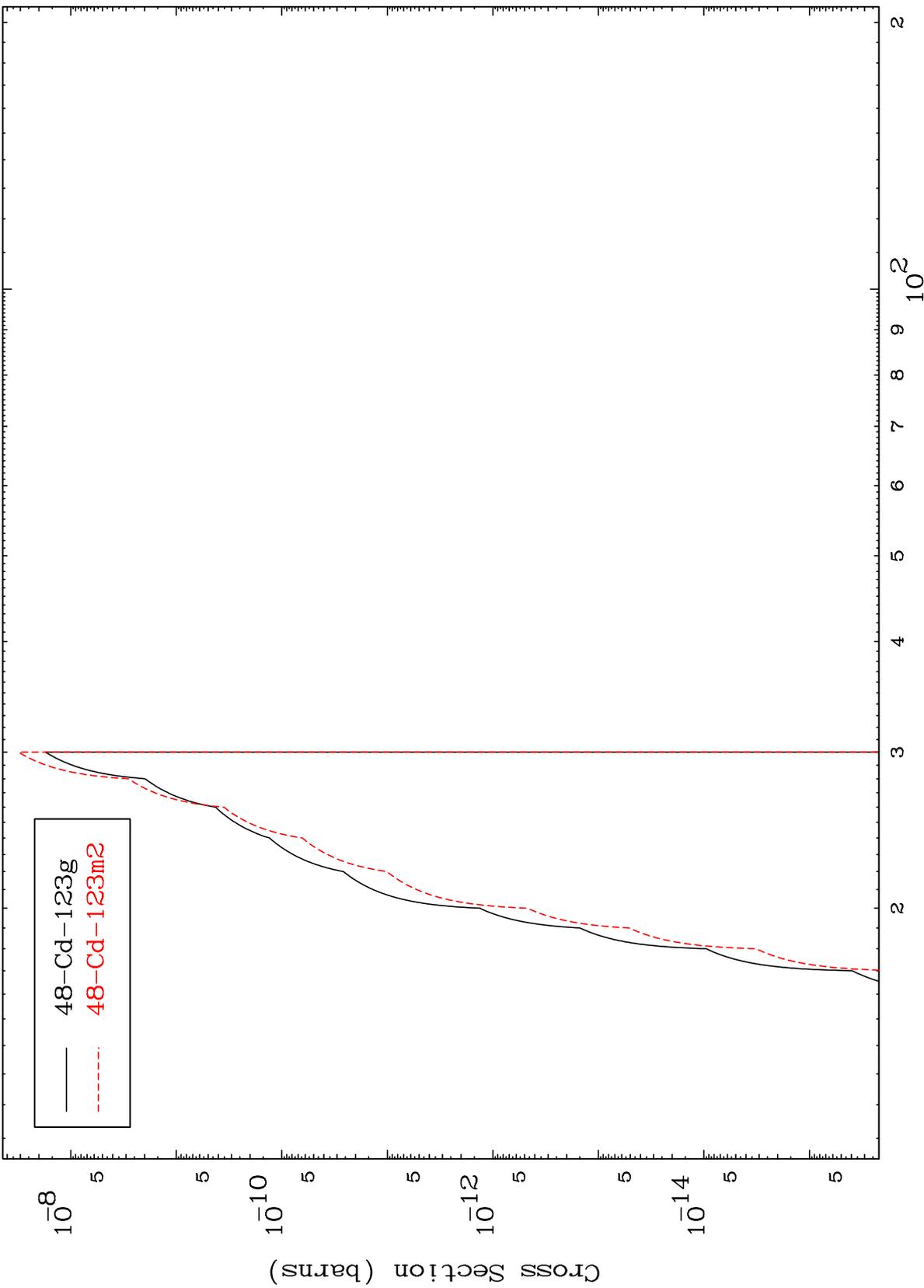
49-In-124m

MAT 4959

(n,p) d

49-In-124m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

49-In-124m