

Program EVALPLOT
(Version 2021-1)

by

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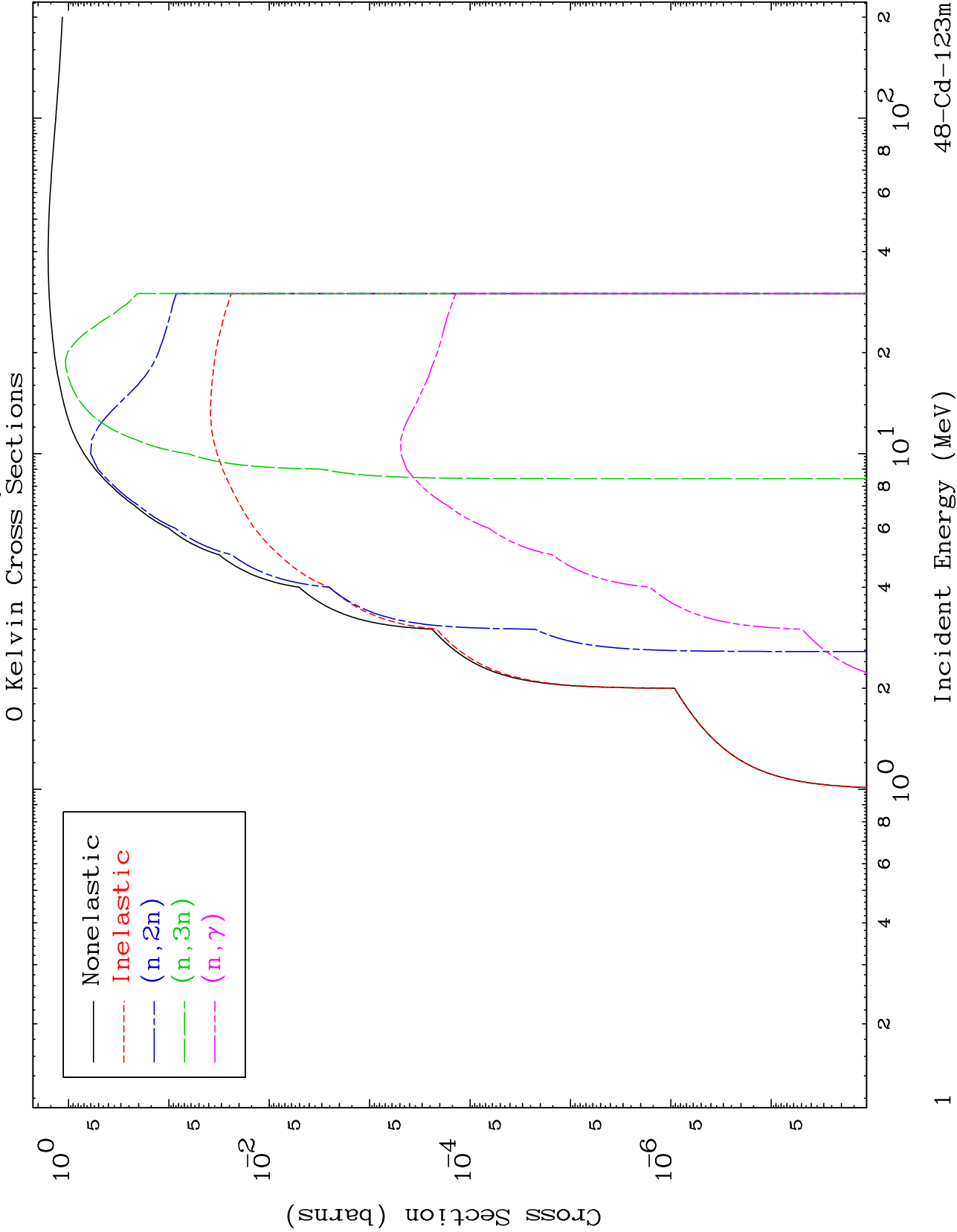
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4877

Proton Major

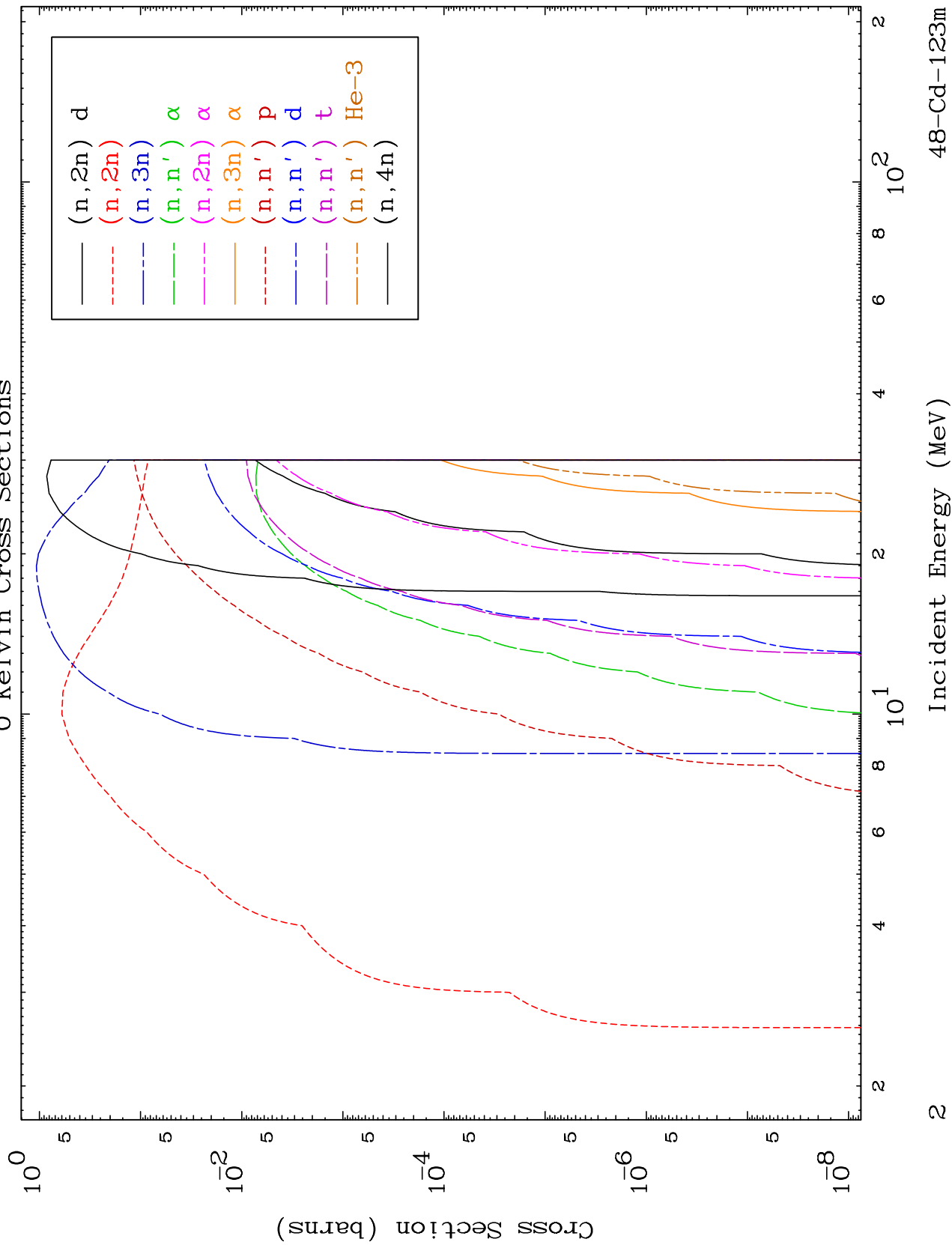
48-Cd-123m



MAT 4877

Proton Neutron Absorption
0 Kelvin Cross Sections

48-Cd-123m



2

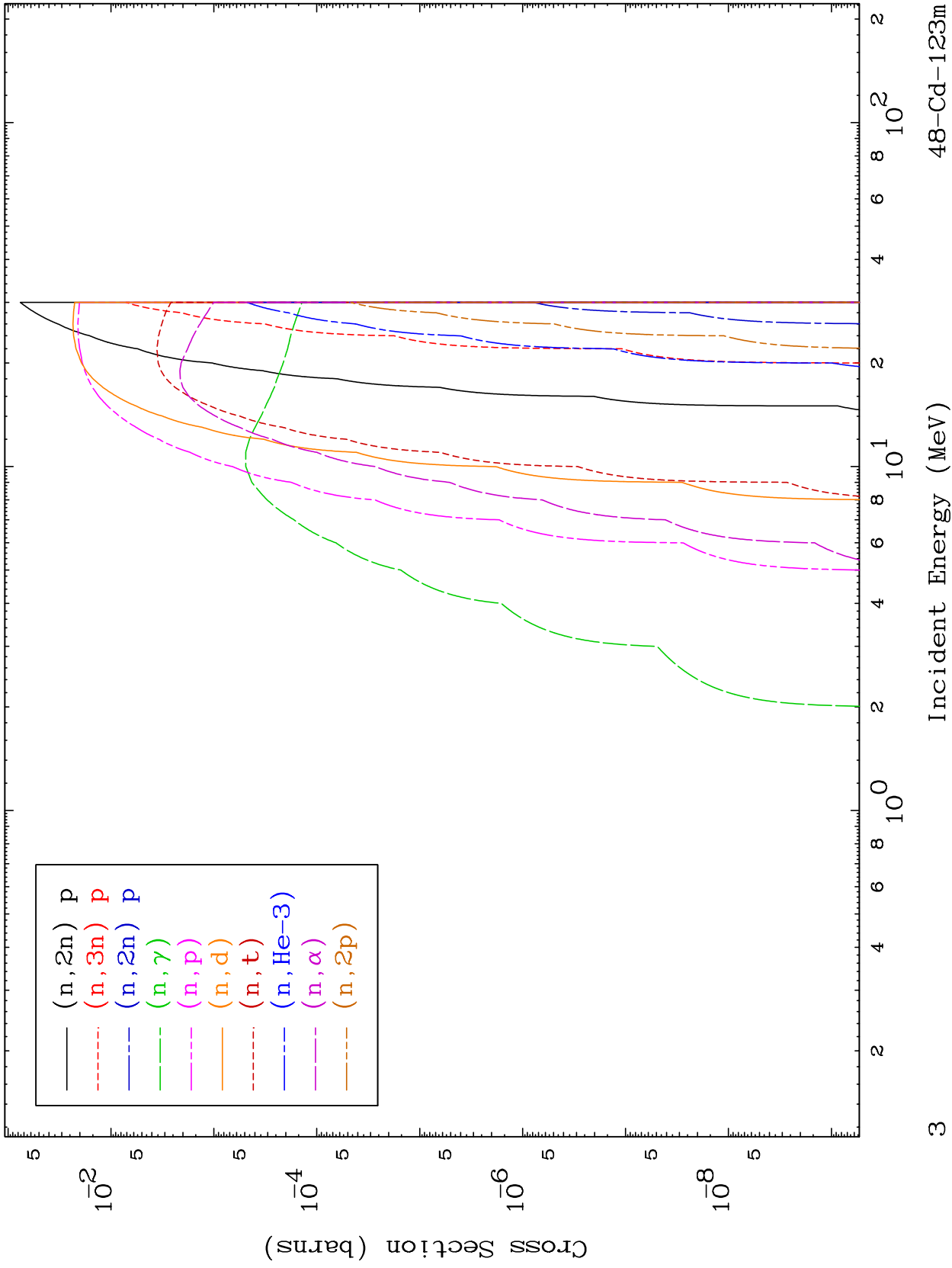
Incident Energy (MeV)

48-Cd-123m

MAT 4877

Proton Neutron Absorption
0 Kelvin Cross Sections

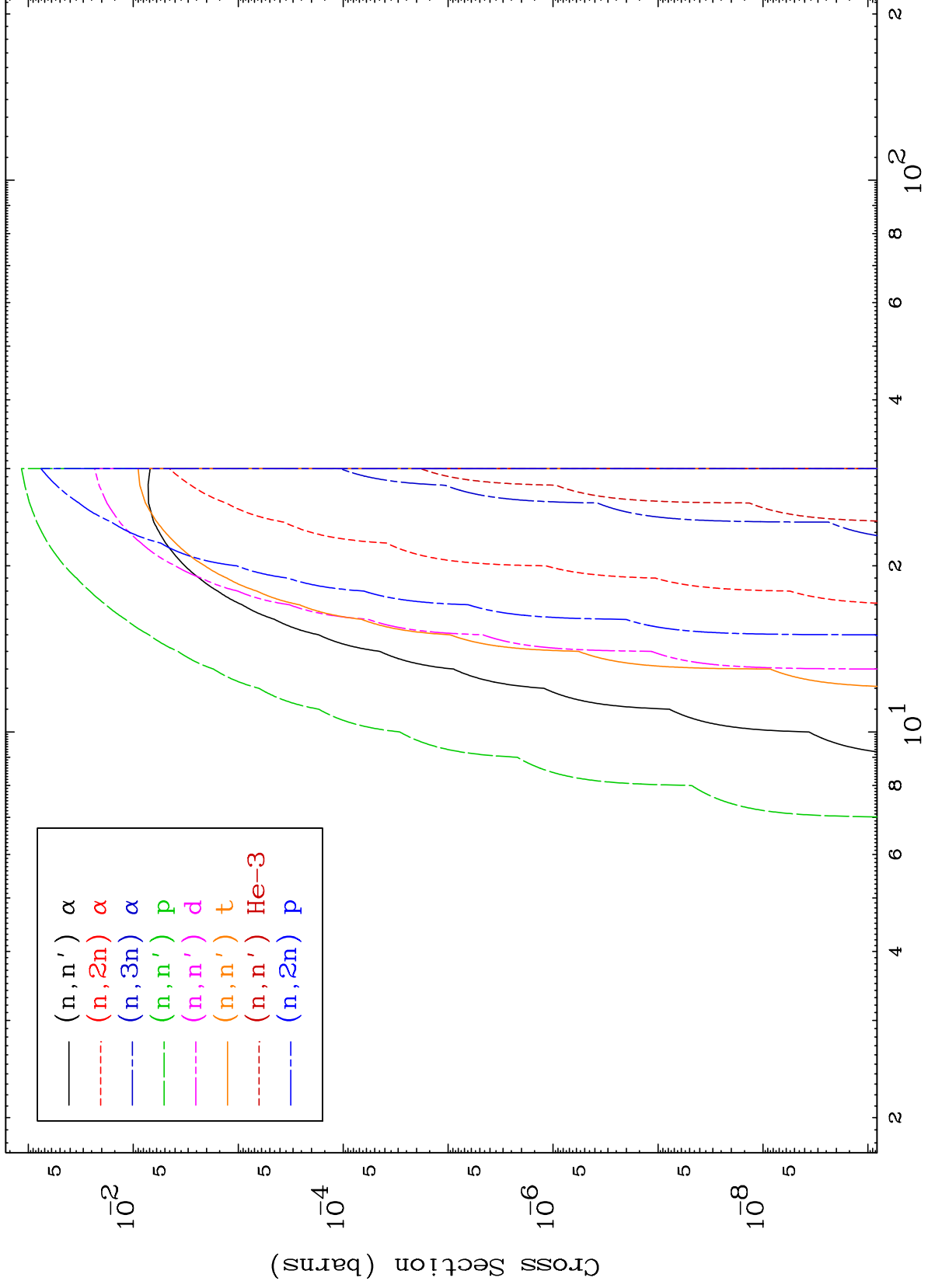
48-Cd-123m



MAT 4877

Proton Charged Particle
0 Kelvin Cross Sections

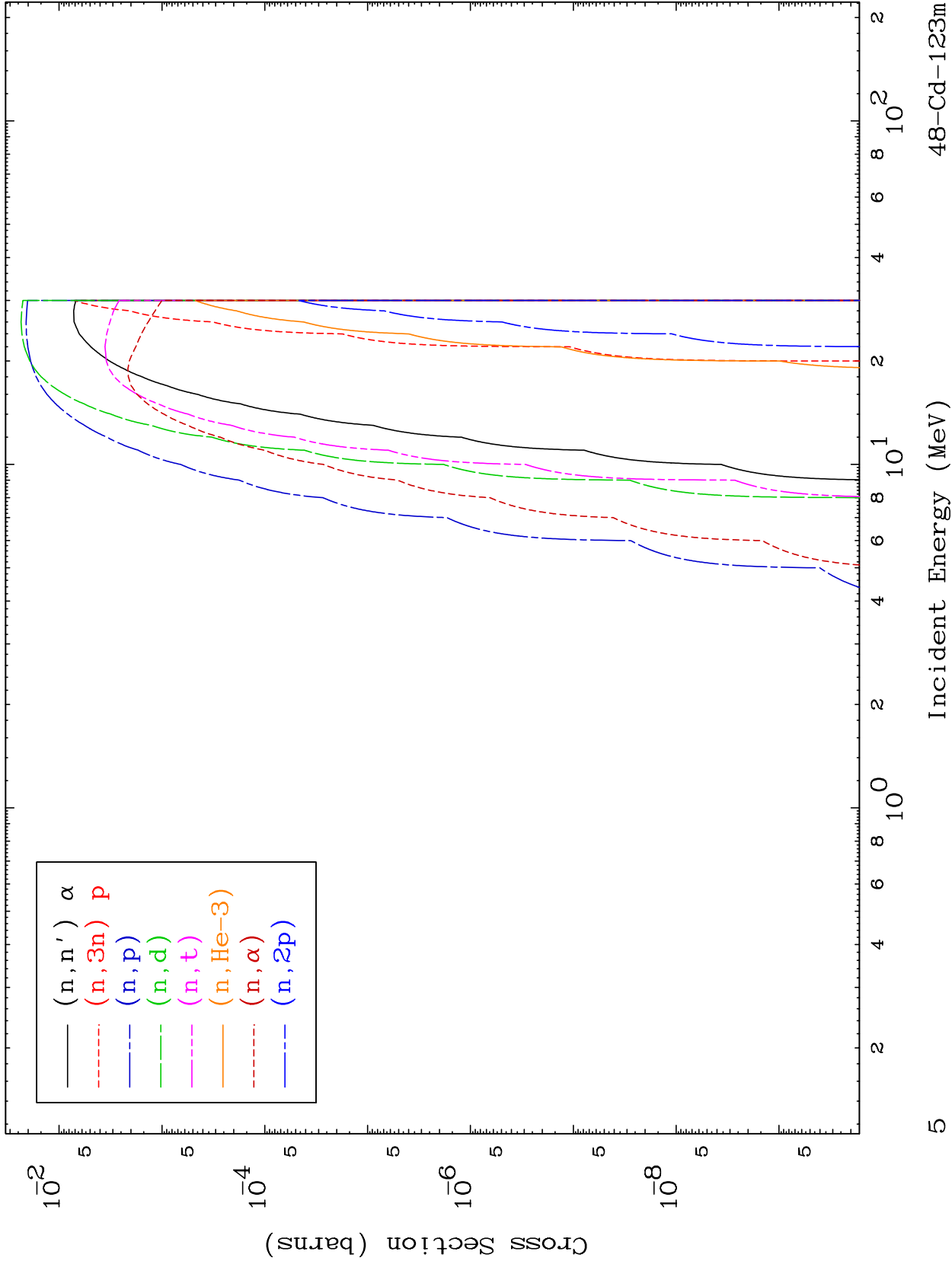
48-Cd-123m



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Proton Charged Particle
0 Kelvin Cross Sections

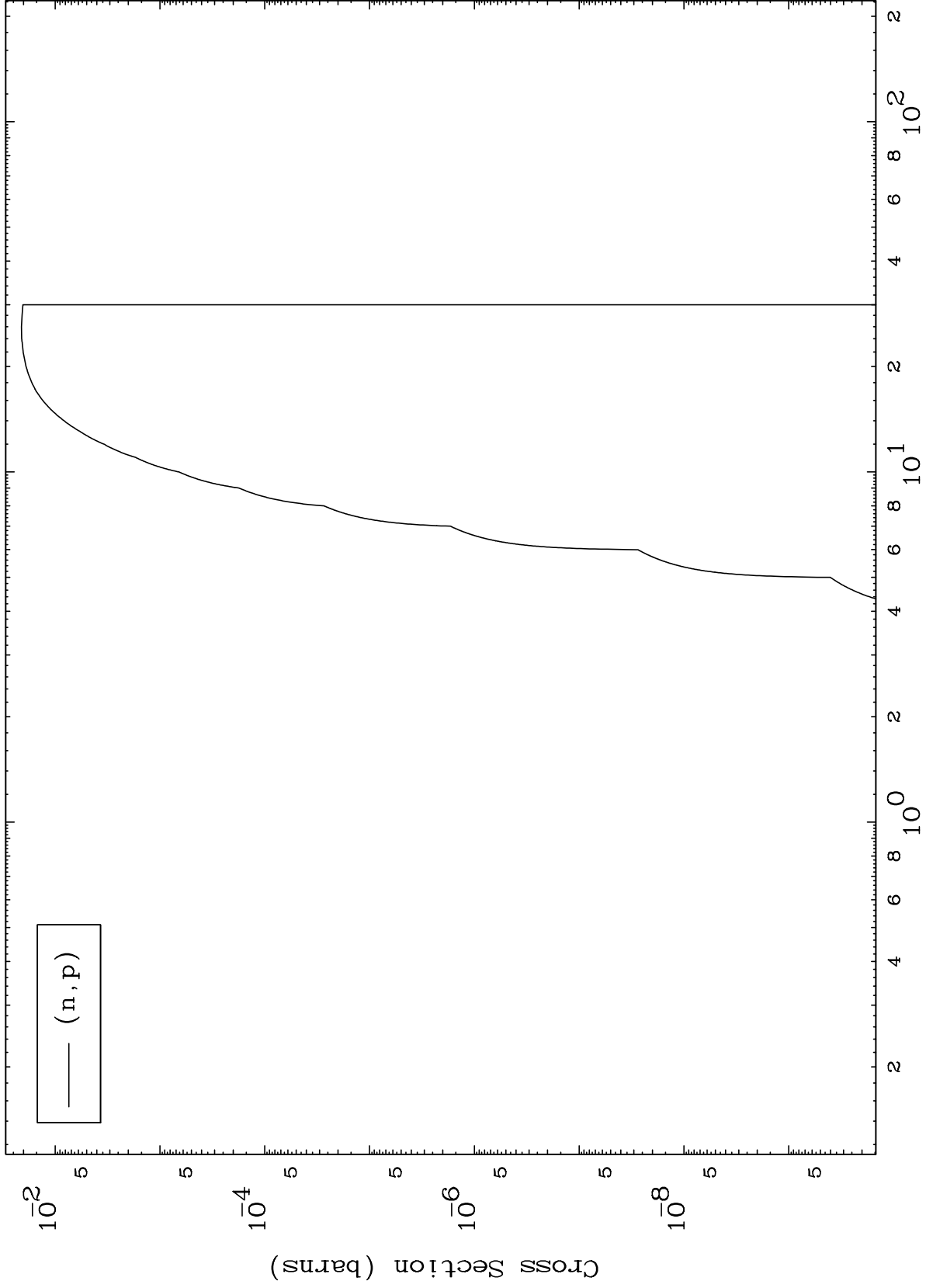
48-Cd-123m



MAT 4877

(p,p) Levels
0 Kelvin Cross Sections

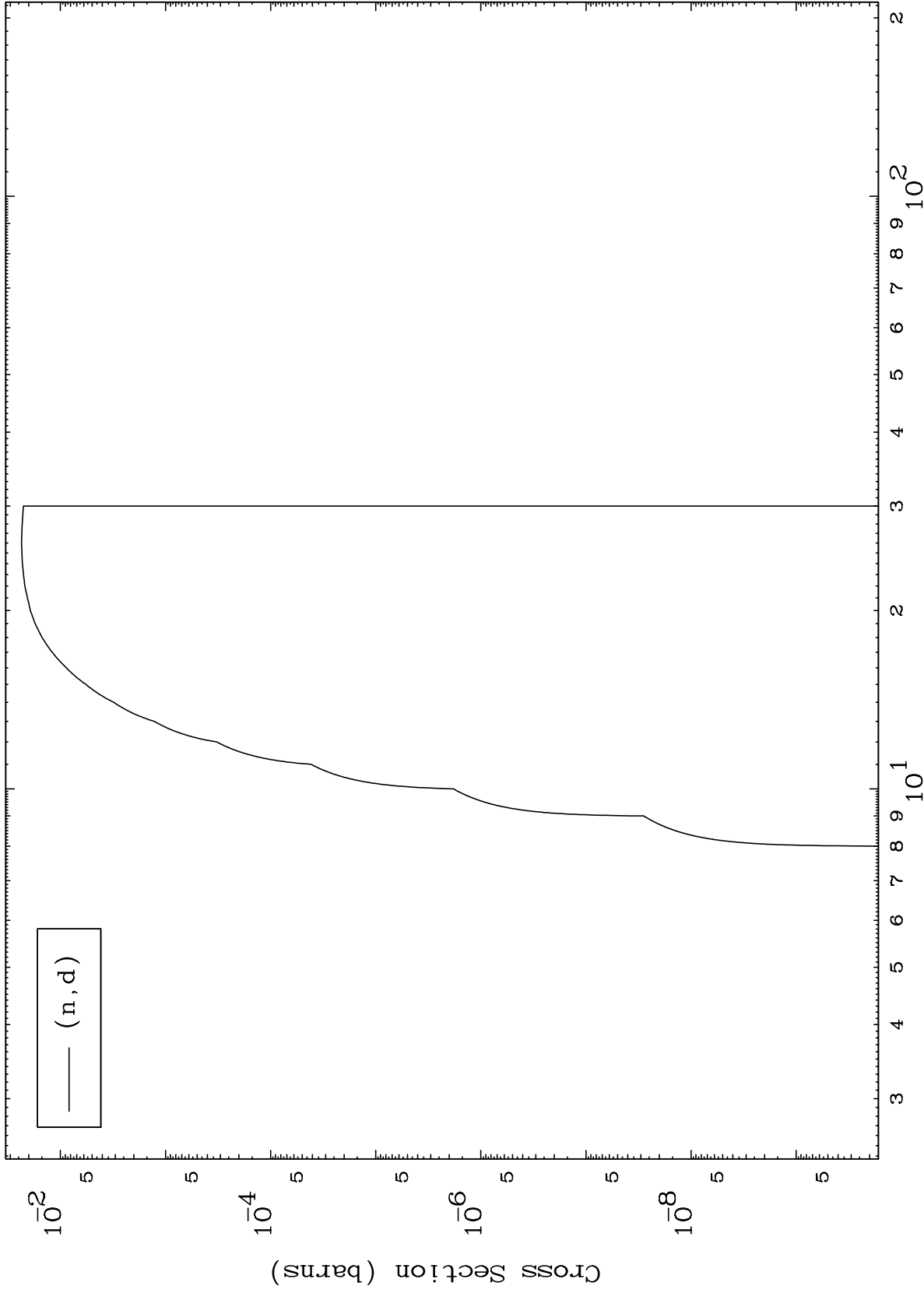
48-Cd-123m



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(p,d) Levels
0 Kelvin Cross Sections

48-Cd-123m

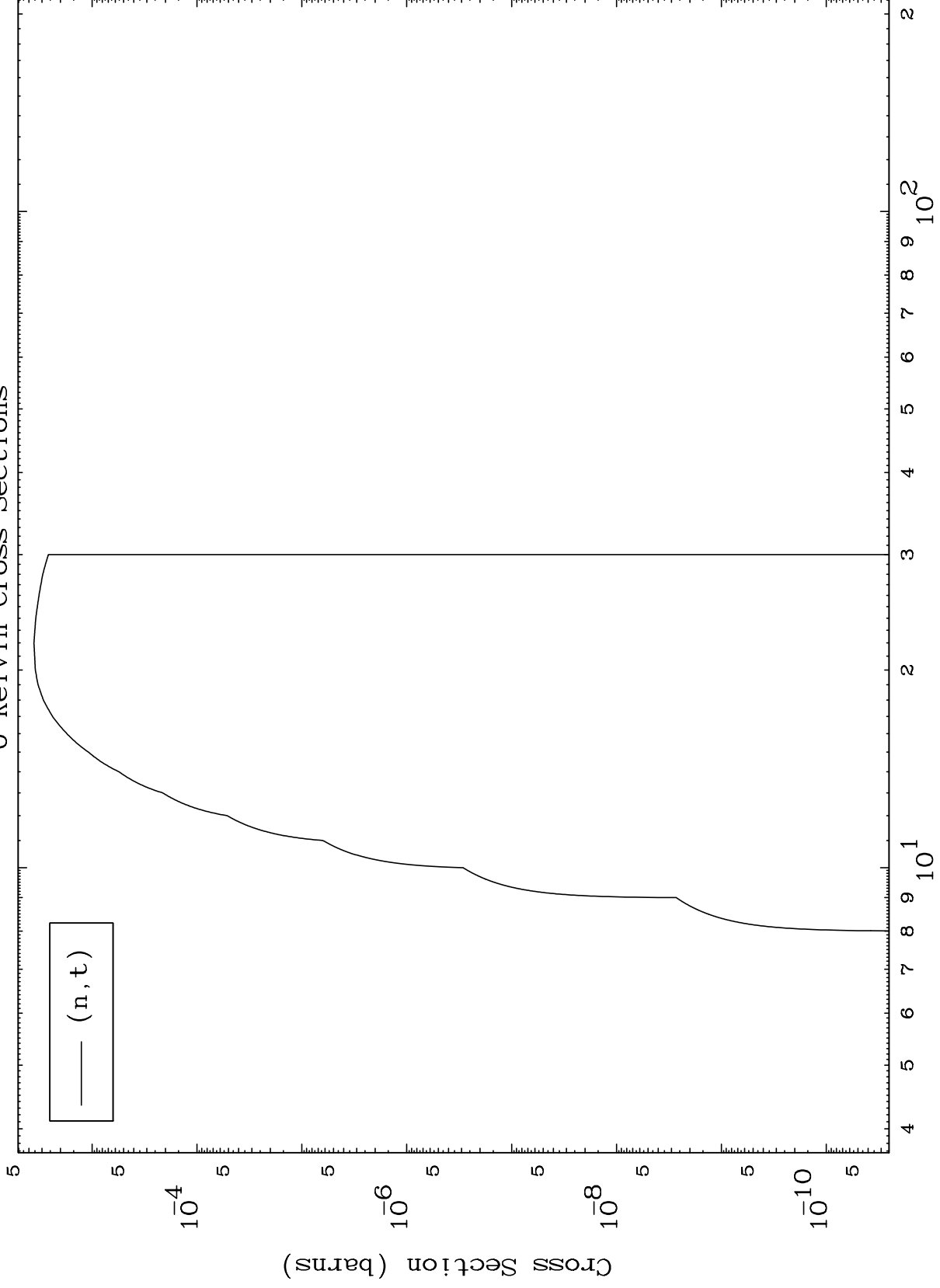


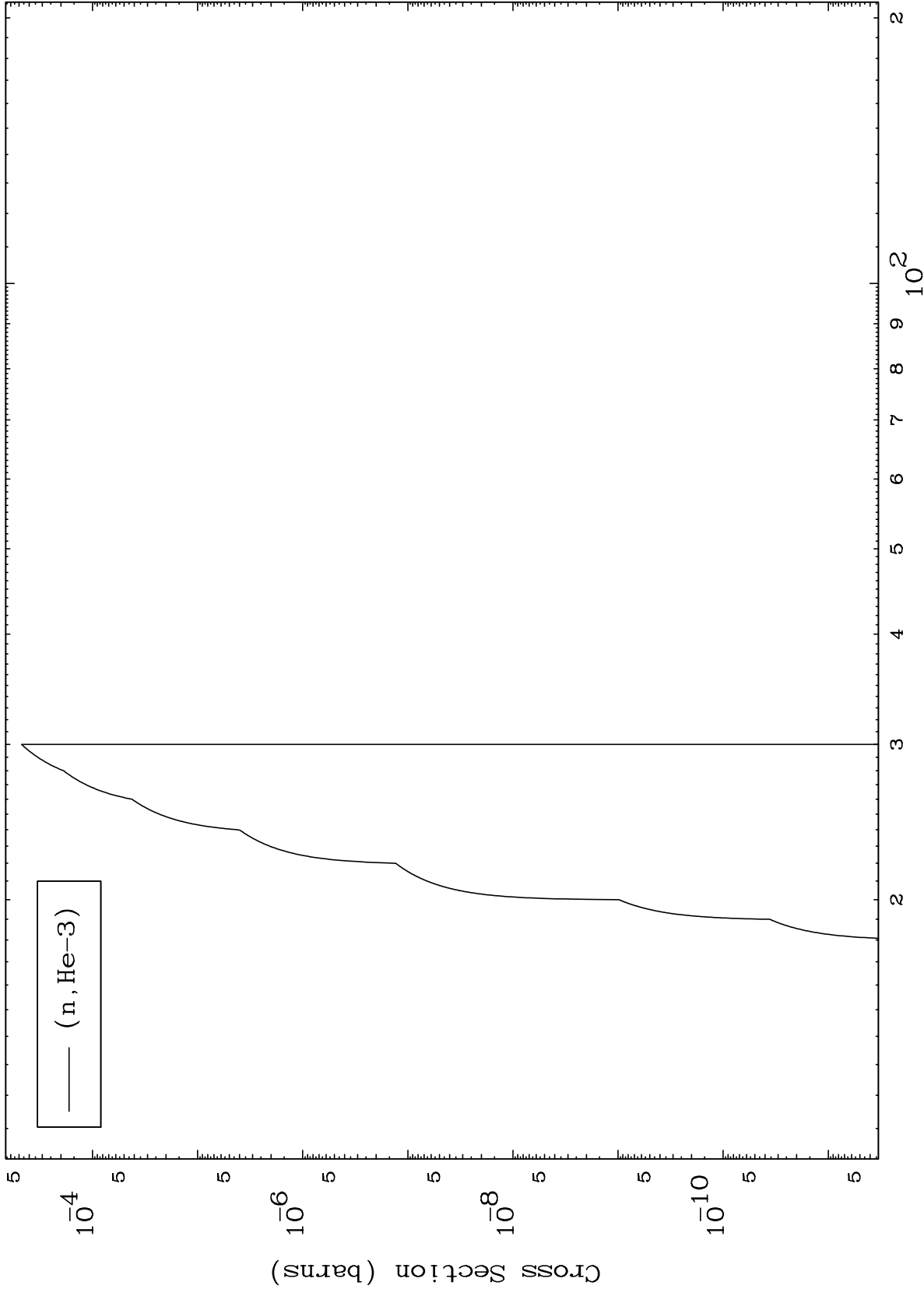
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(p,t) Levels

48-Cd-123m

0 Kelvin Cross Sections



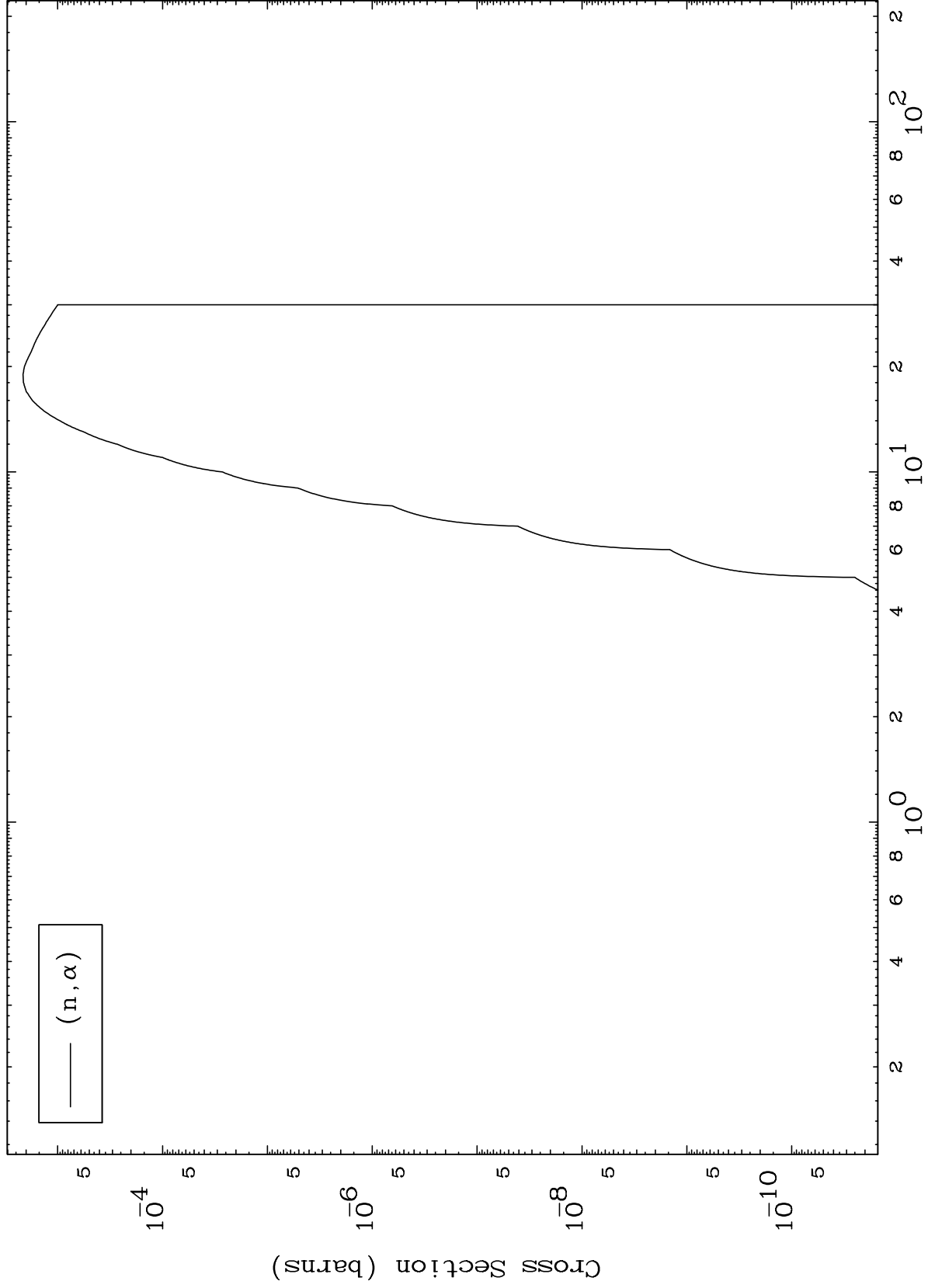


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(p, α) Levels

48-Cd-123m

0 Kelvin Cross Sections



(n, α)

10

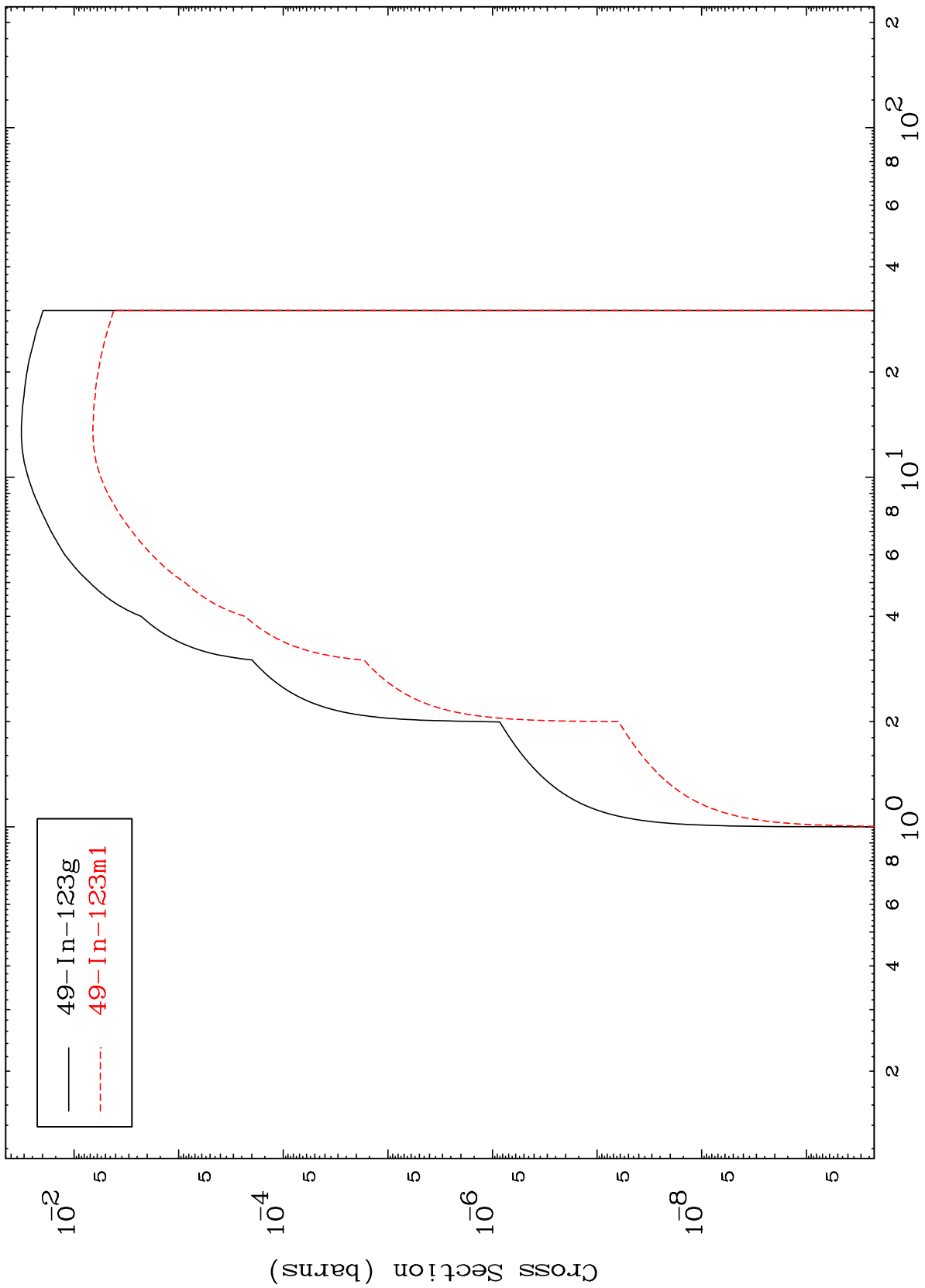
Incident Energy (MeV)

48-Cd-123m

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48-Cd-123m

Inelastic
Radionuclide Production Cross Section



— 49-In-123g
- - - 49-In-123m1

48-Cd-123m

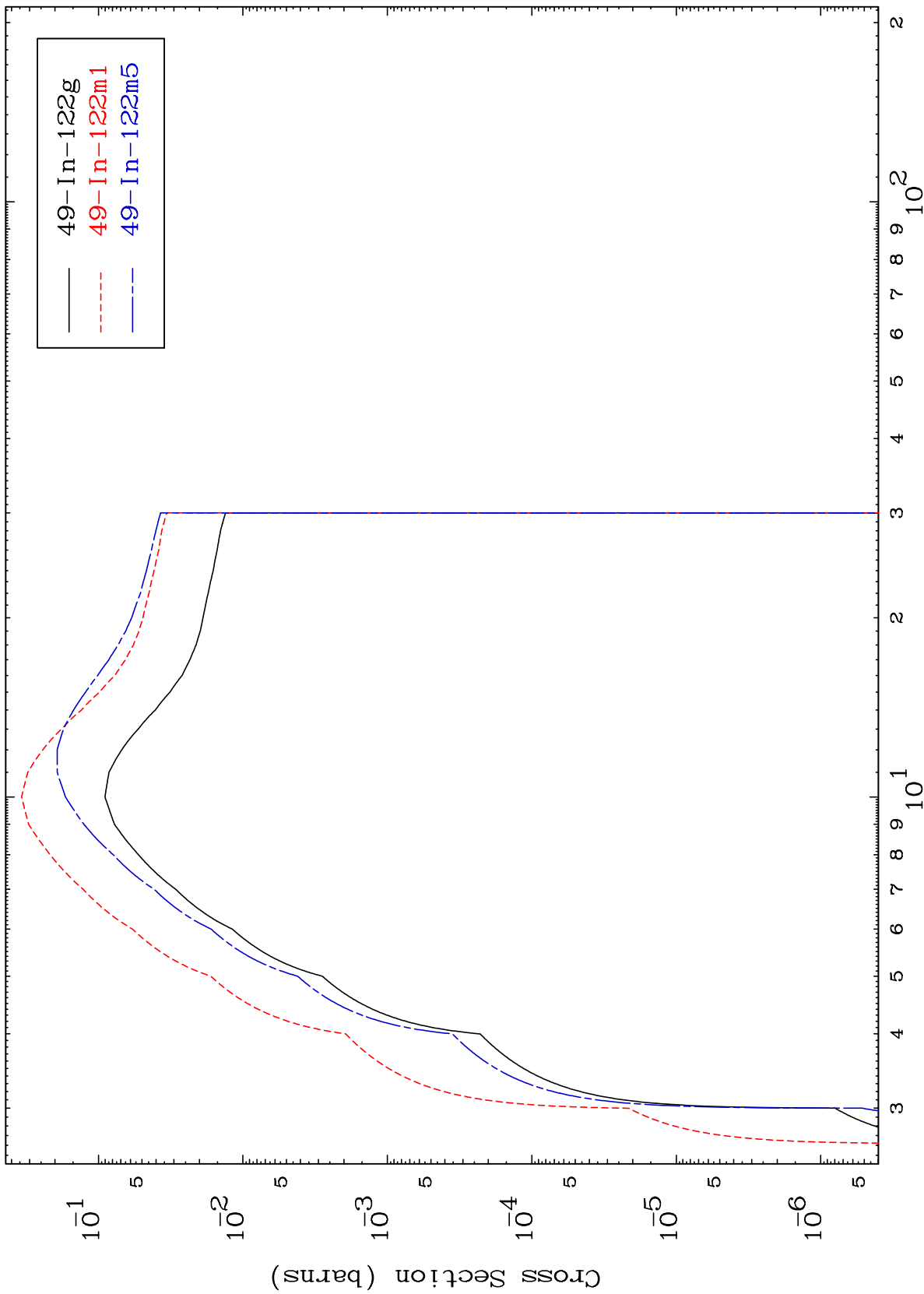
Incident Energy (MeV)

11

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48-Cd-123m

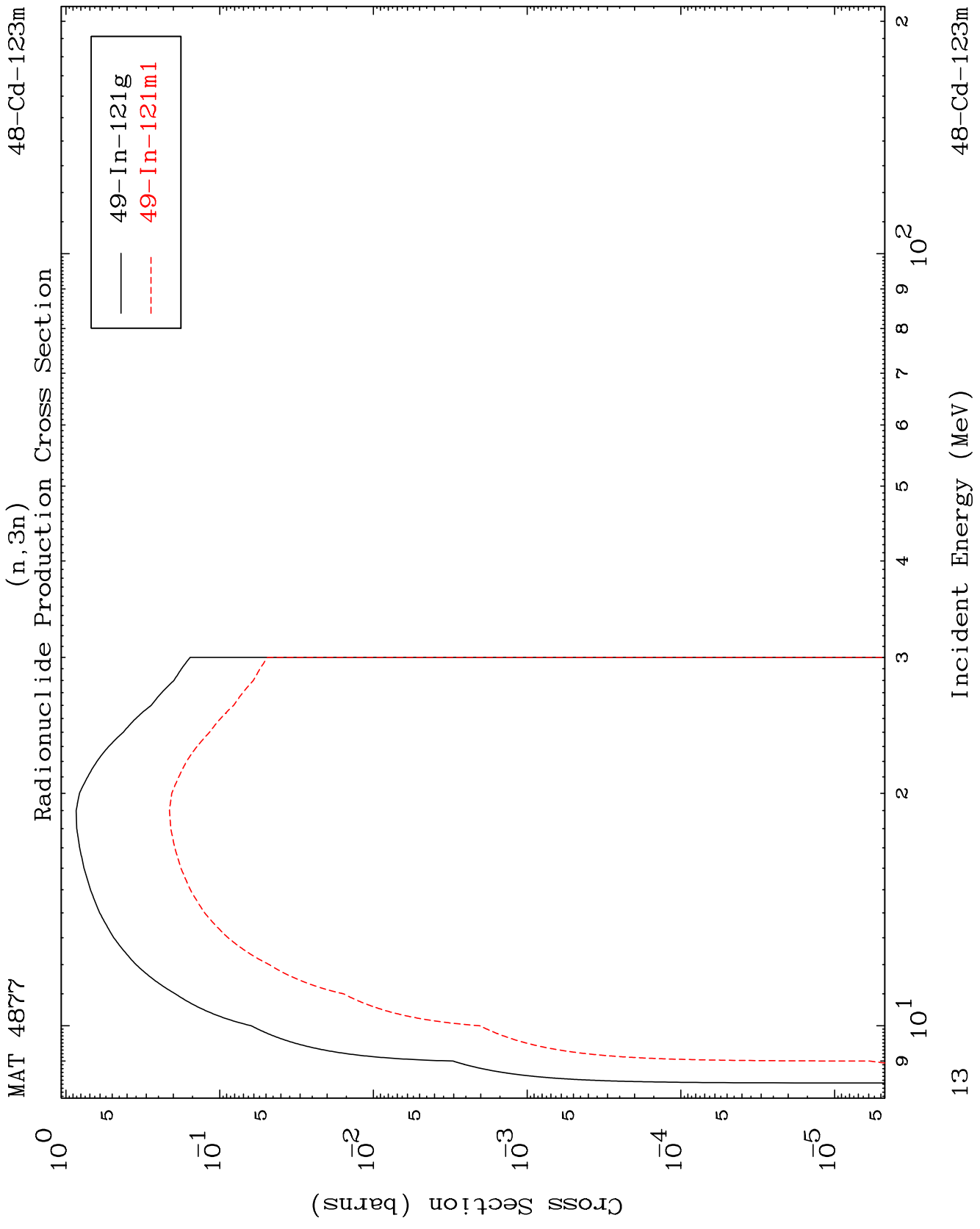
(n,2n)
Radionuclide Production Cross Section



48-Cd-123m

Incident Energy (MeV)

12

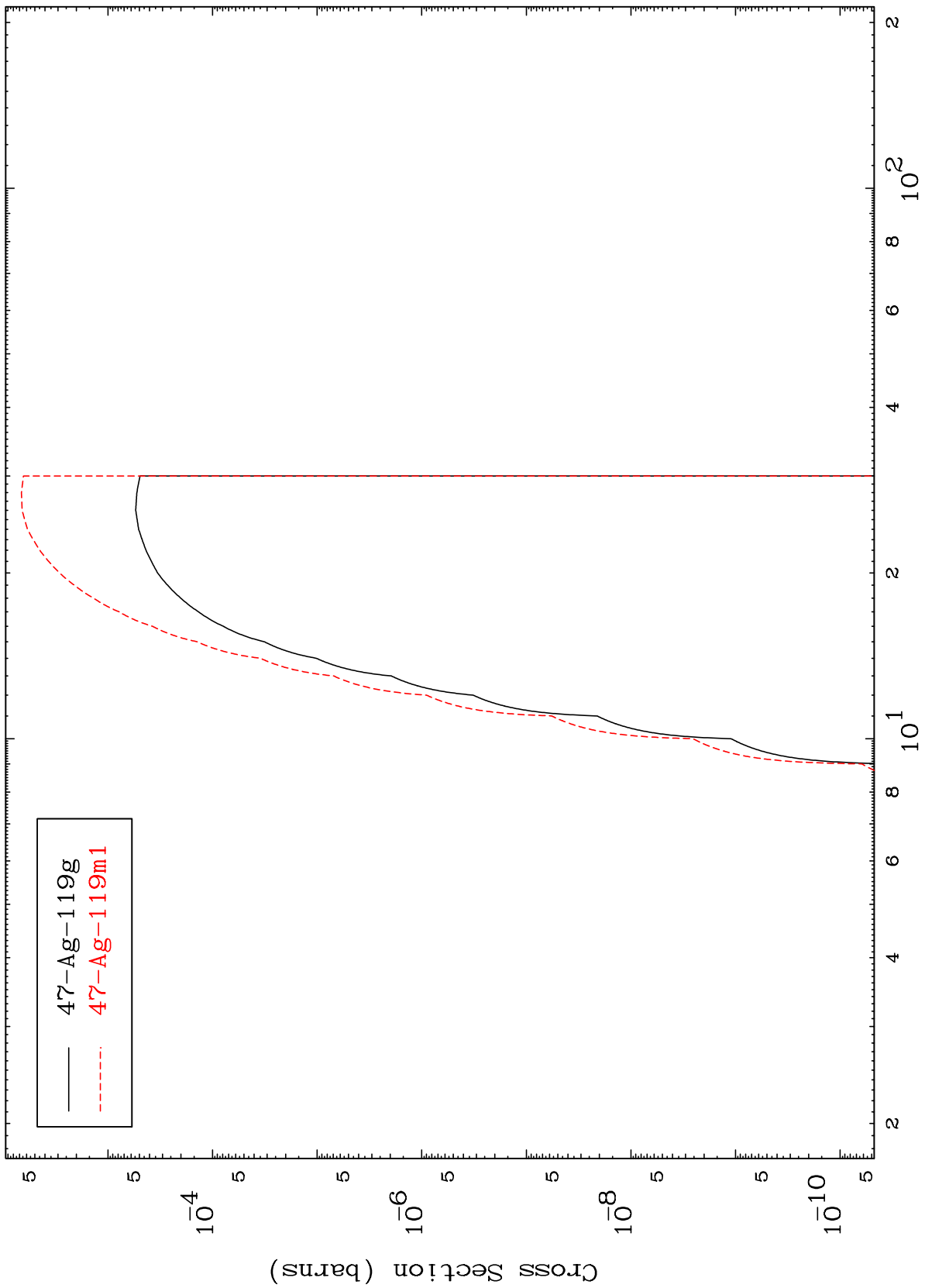


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(n,n') α

48-Cd-123m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

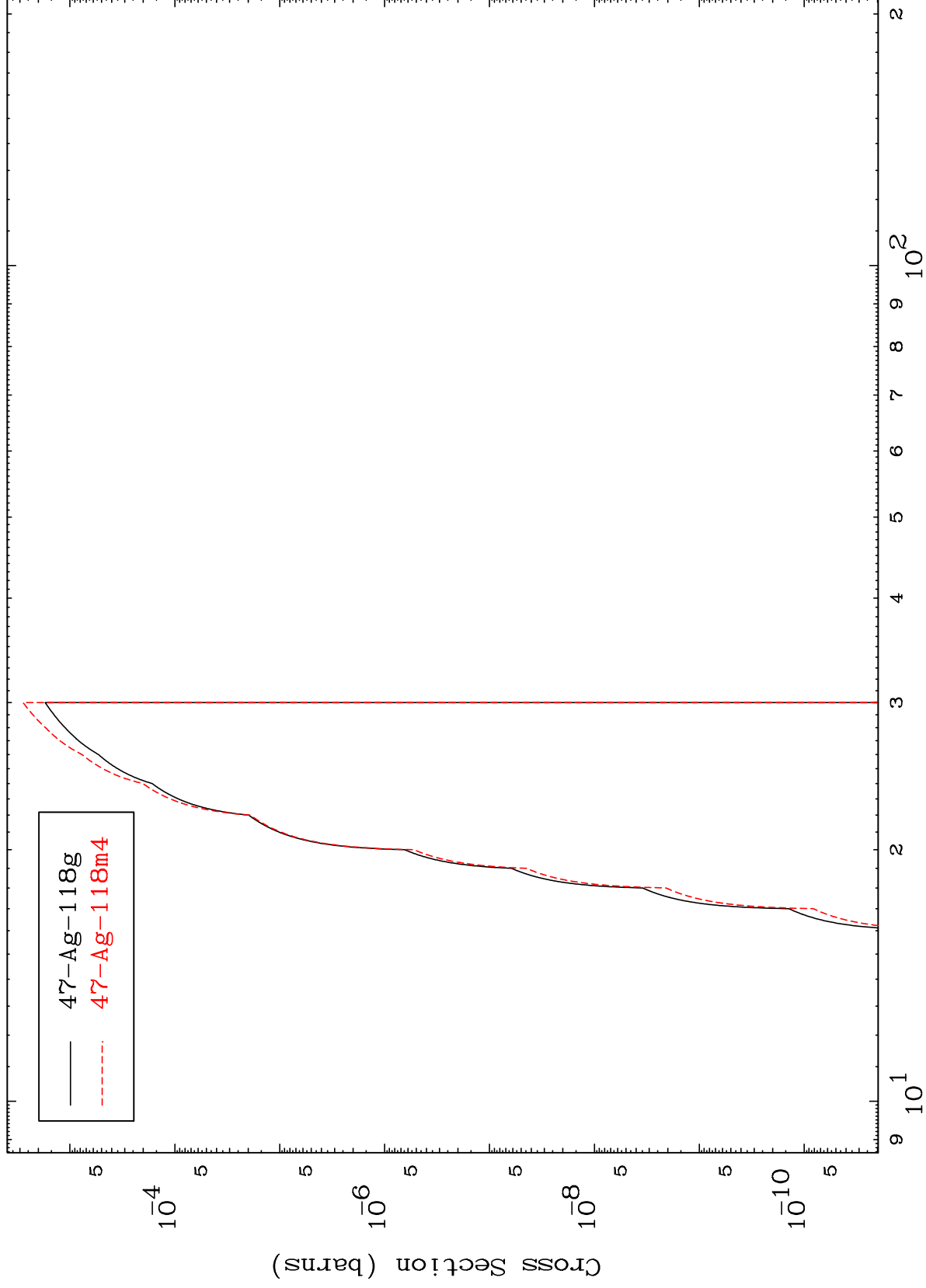
48-Cd-123m

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(n,2n) α

48-Cd-123m

Radionuclide Production Cross Section



15

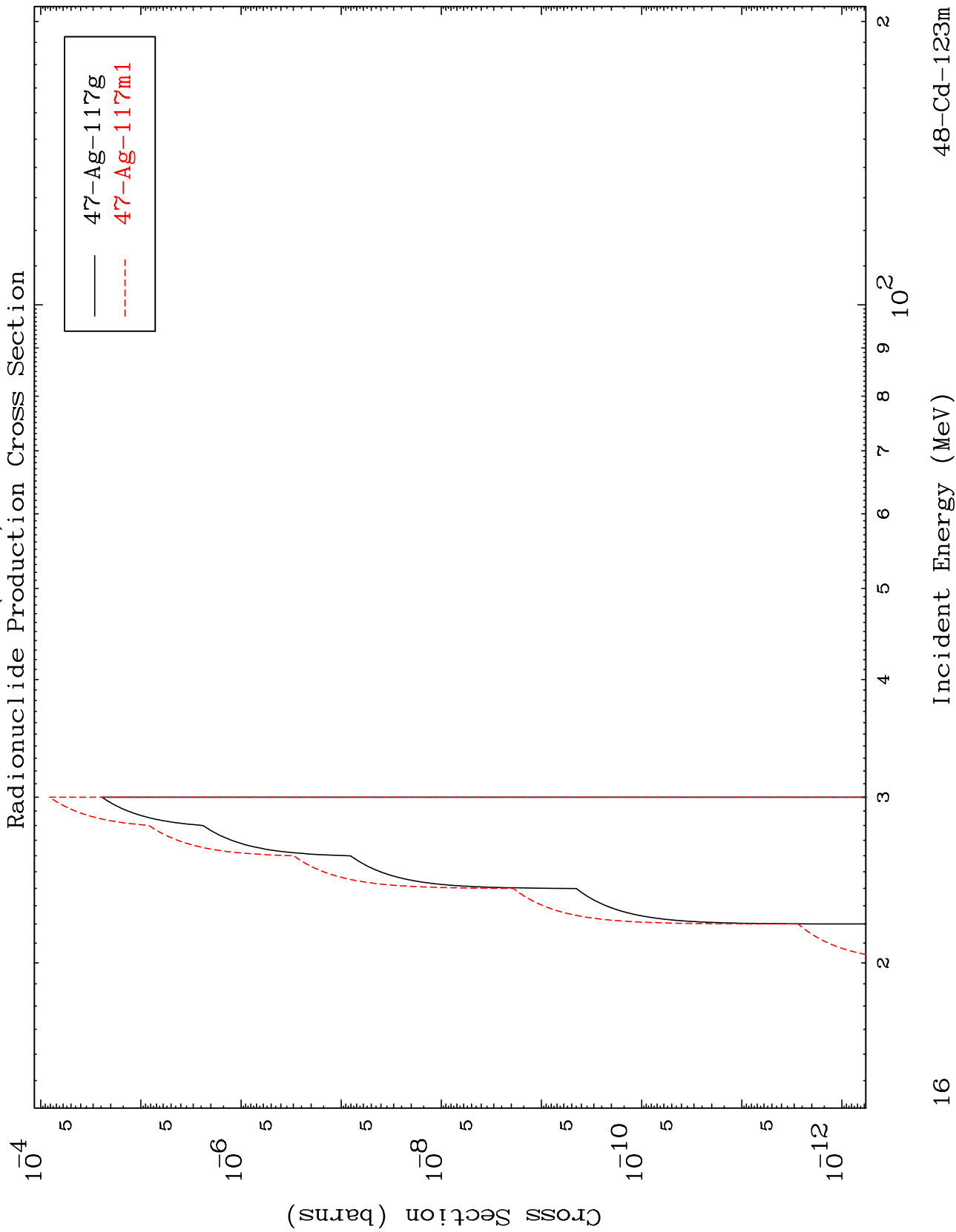
Incident Energy (MeV)

48-Cd-123m

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(n,3n) α

48-Cd-123m



16

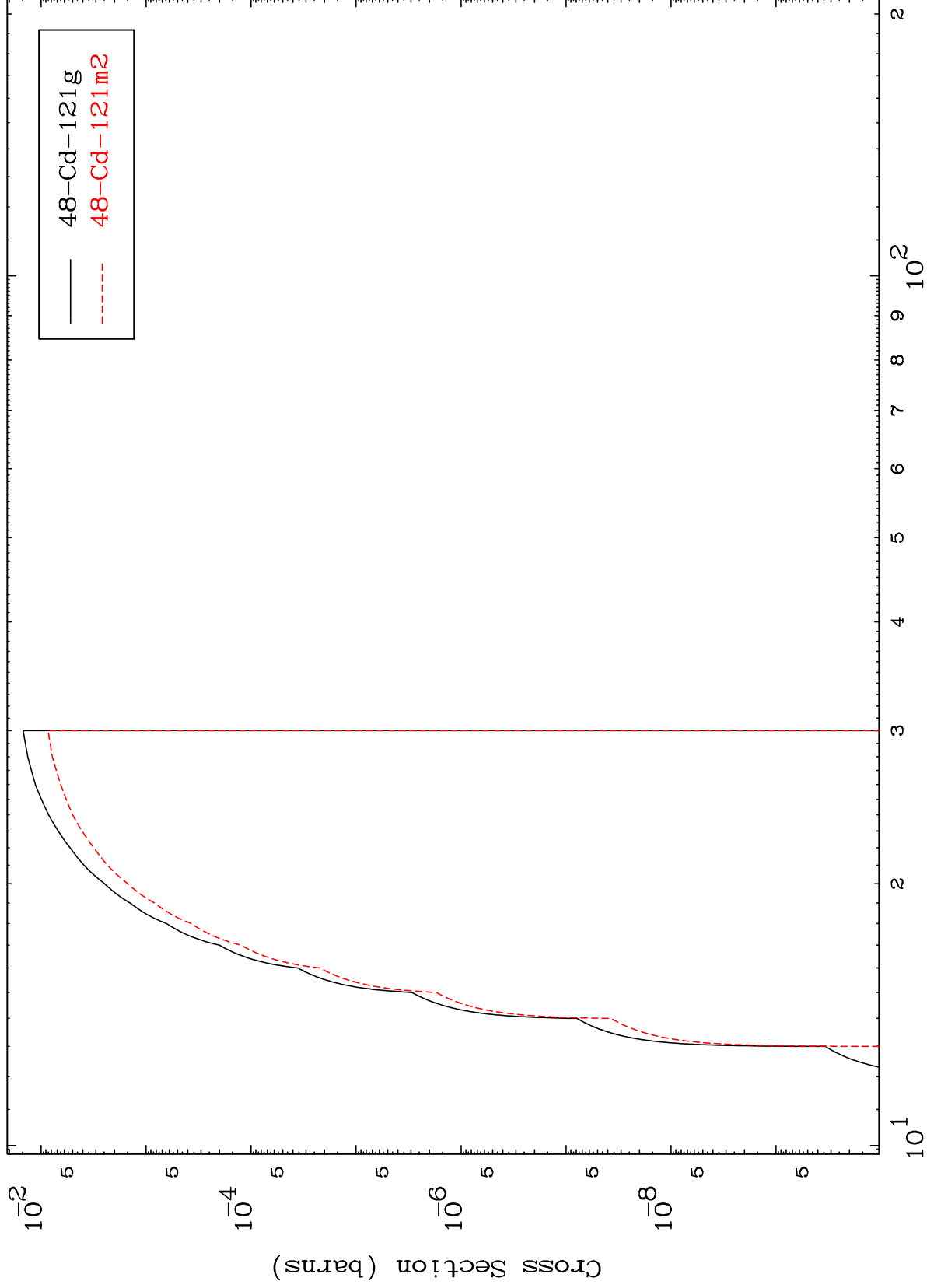
48-Cd-123m

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(n,n') d

48-Cd-123m

Radionuclide Production Cross Section



Incident Energy (MeV)

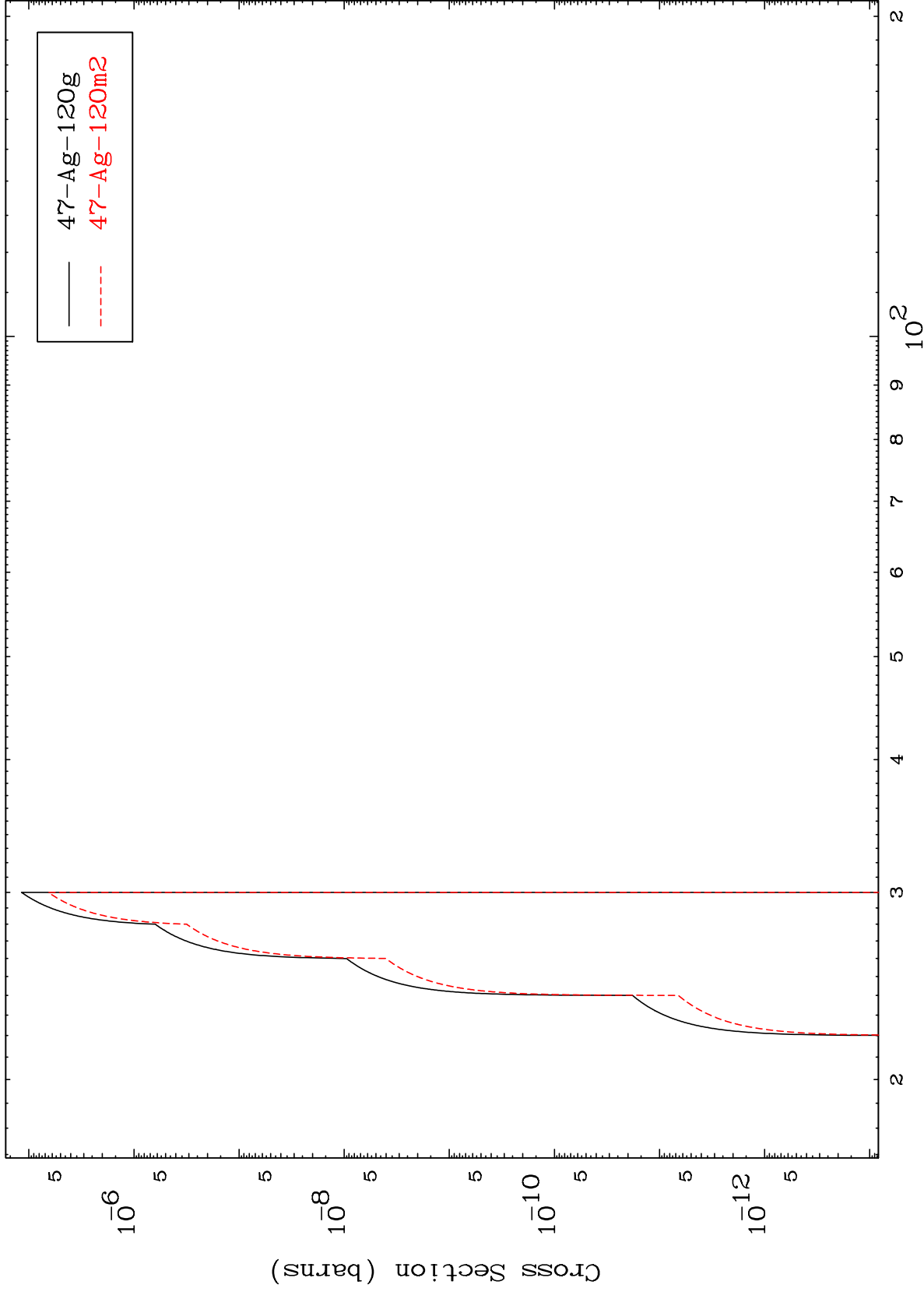
48-Cd-123m

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(n,n') He-3

48-Cd-123m

Radionuclide Production Cross Section

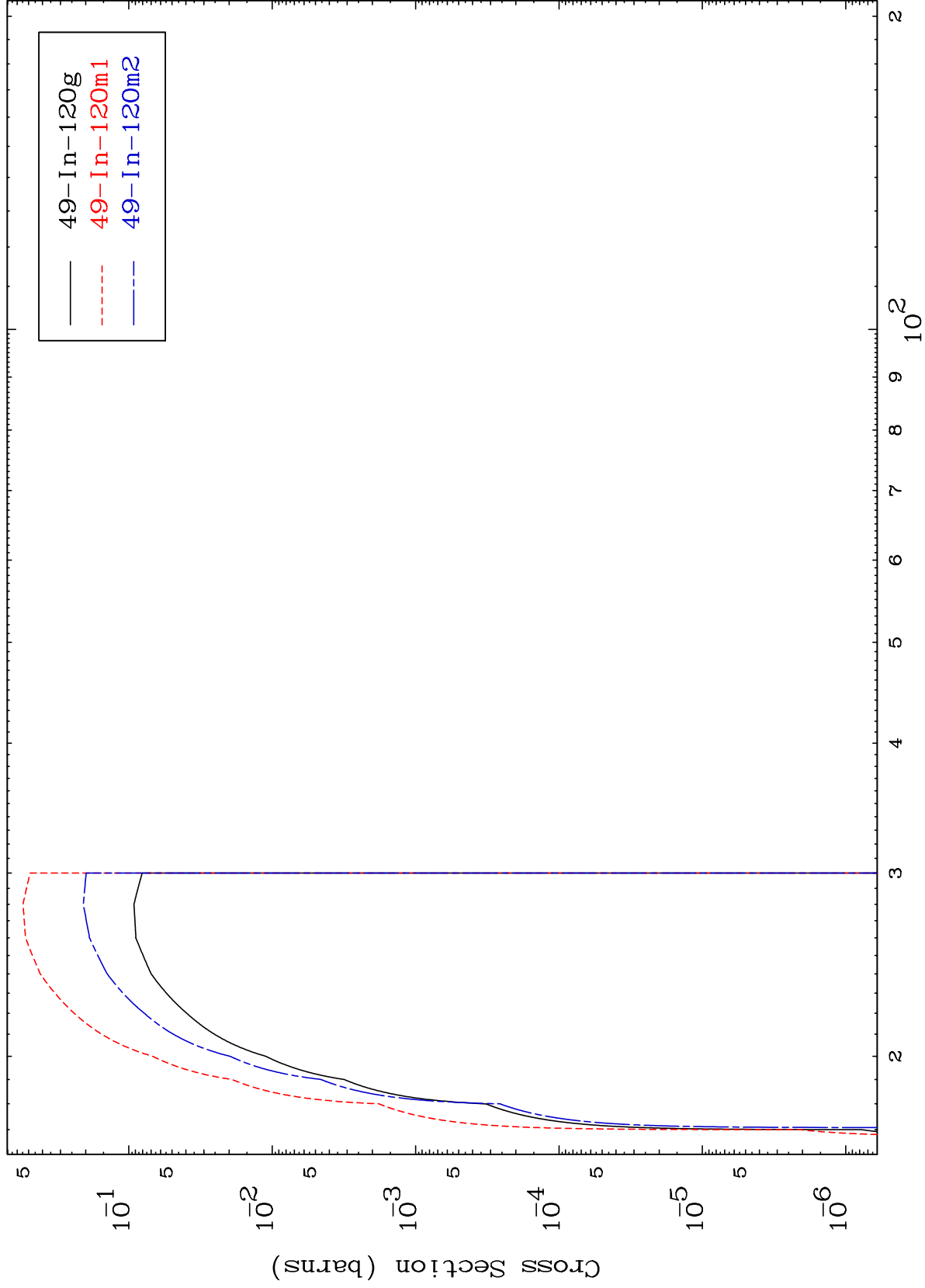


18

Incident Energy (MeV)

48-Cd-123m

Radionuclide Production Cross Section

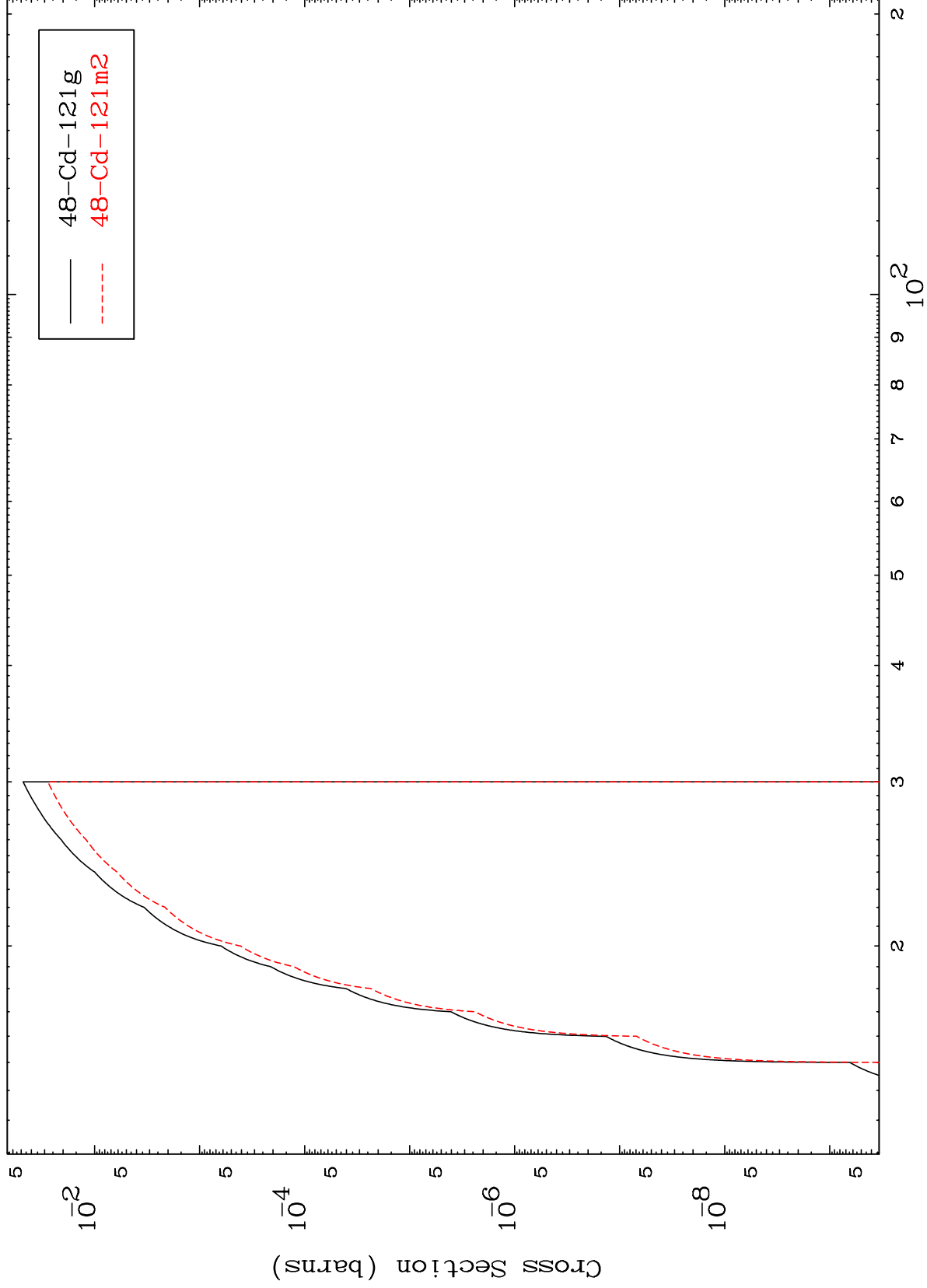


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(n,2n) p

48-Cd-123m

Radionuclide Production Cross Section



20

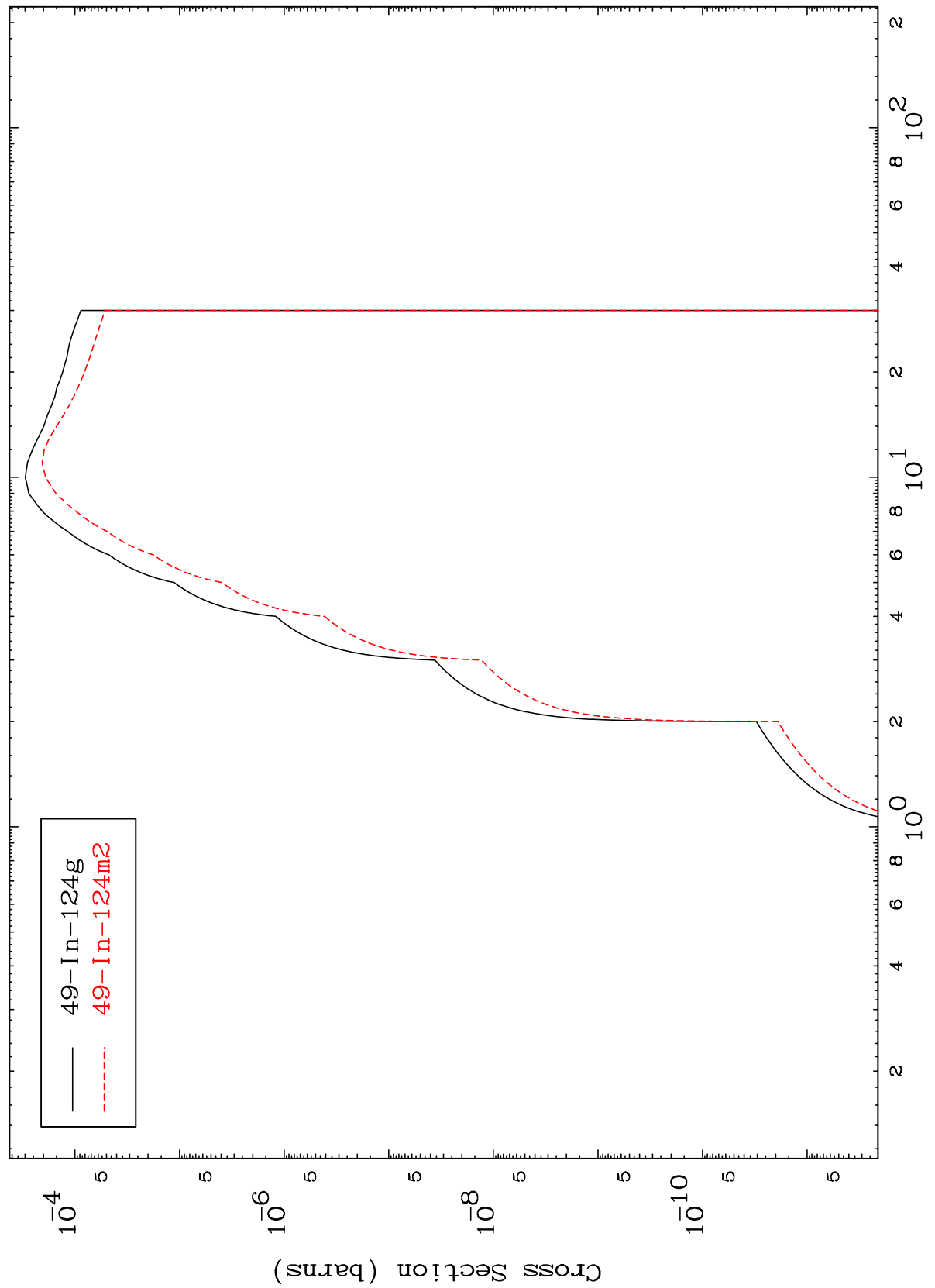
Incident Energy (MeV)

48-Cd-123m

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48-Cd-123m

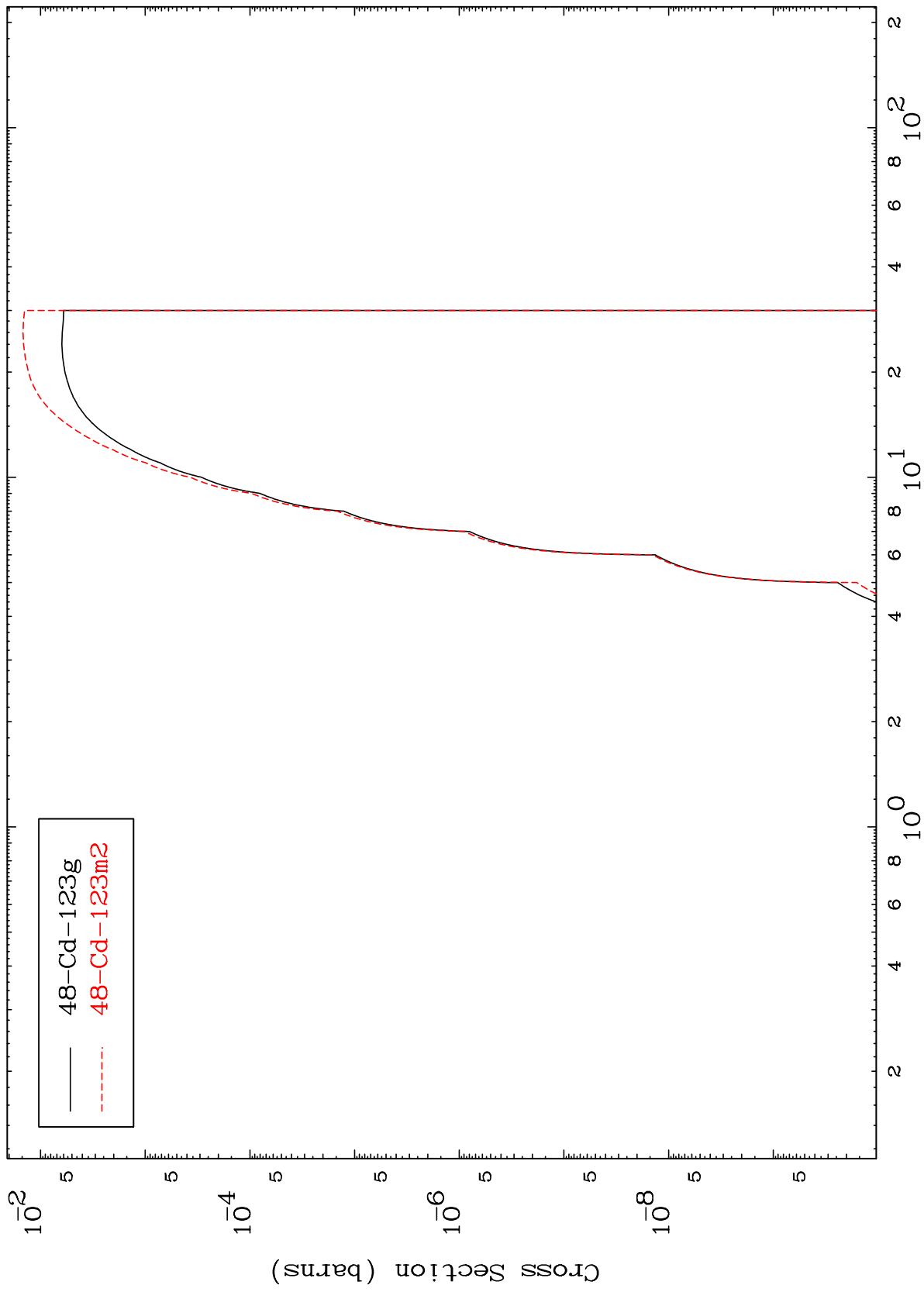
(n, γ)
Radionuclide Production Cross Section



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48-Cd-123m

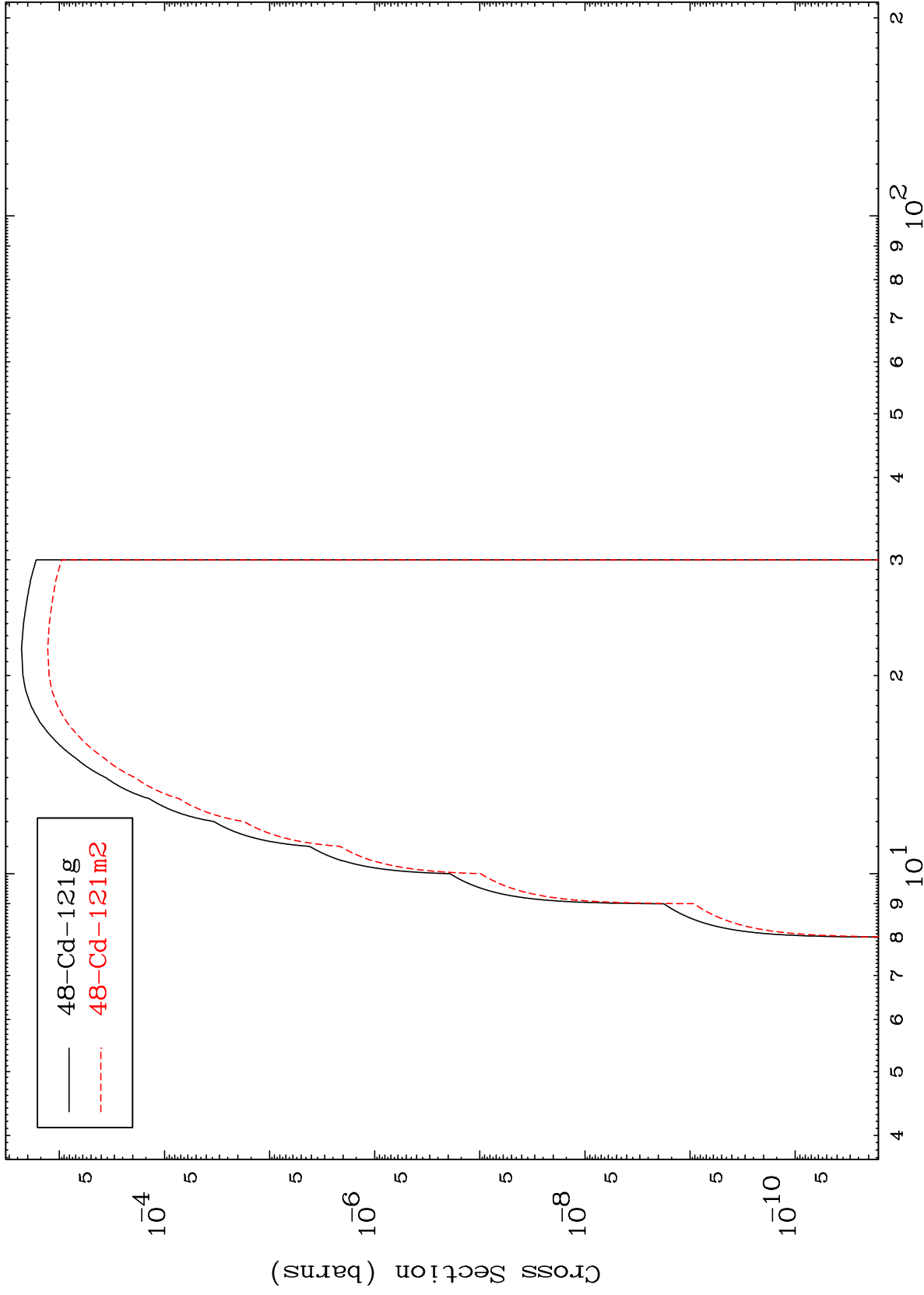
Radionuclide Production Cross Section (n,p)



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48-Cd-123m

Radionuclide Production Cross Section (n, t)



48-Cd-123m

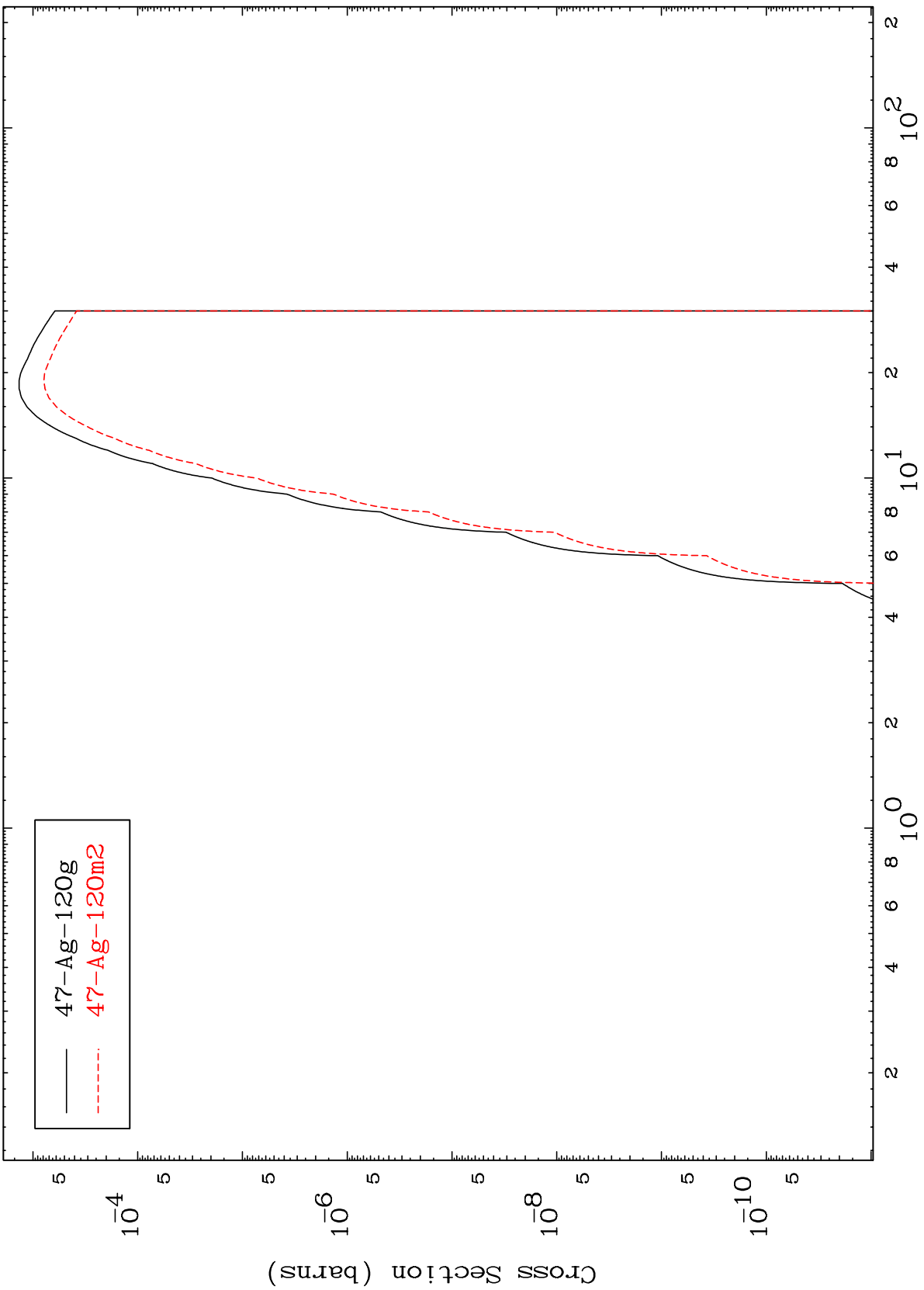
Incident Energy (MeV)

23

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48-Cd-123m

Radionuclide Production Cross Section (n,α)



24

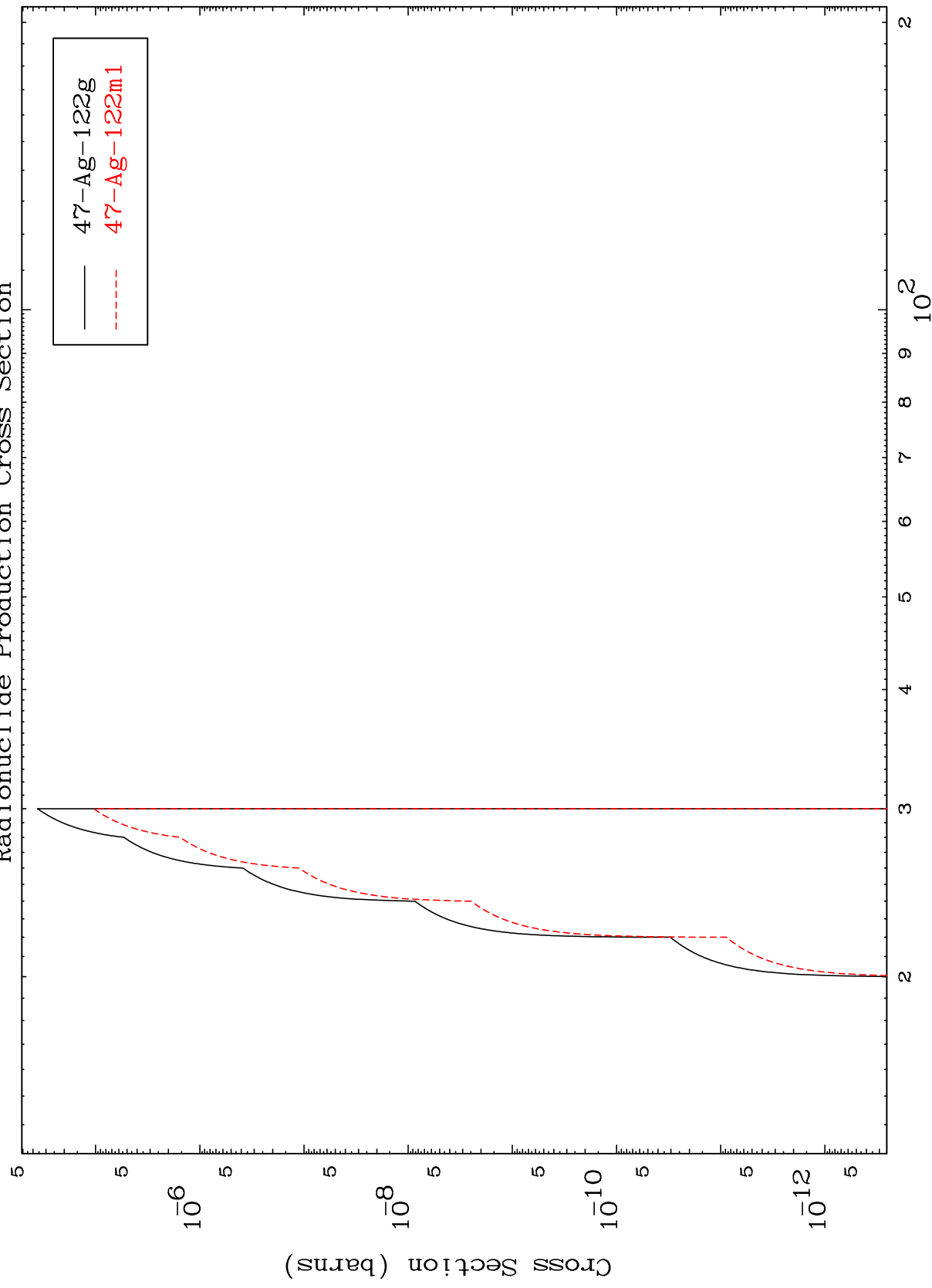
48-Cd-123m

Incident Energy (MeV)

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48-Cd-123m

(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-123m