

Program EVALPLOT
(Version 2021-1)

by

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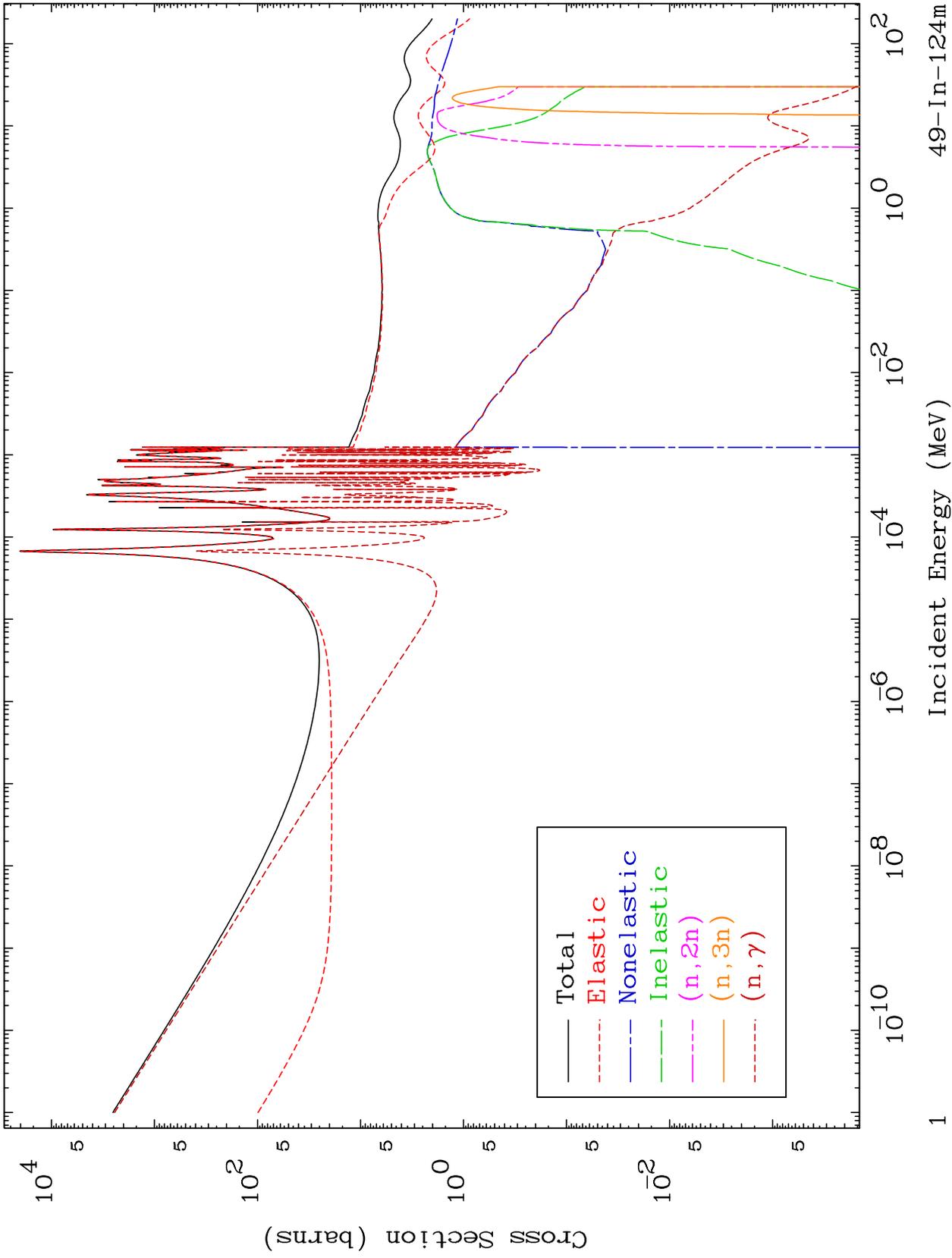
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Press Mouse Button to Start

MAT 4959

Neutron Major
293 Kelvin Cross Sections

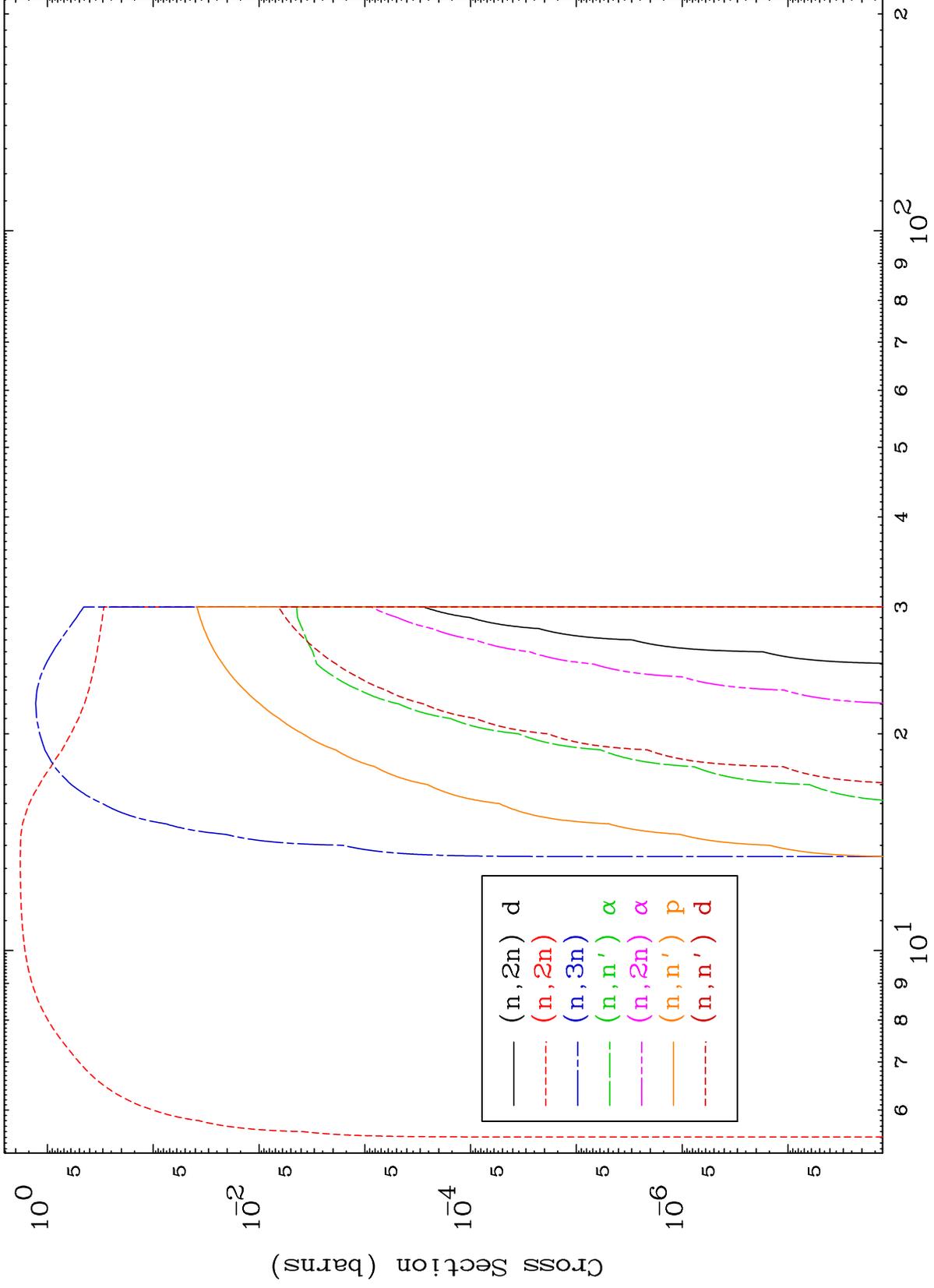
49-In-124m



MAT 4959

Neutron Absorption
293 Kelvin Cross Sections

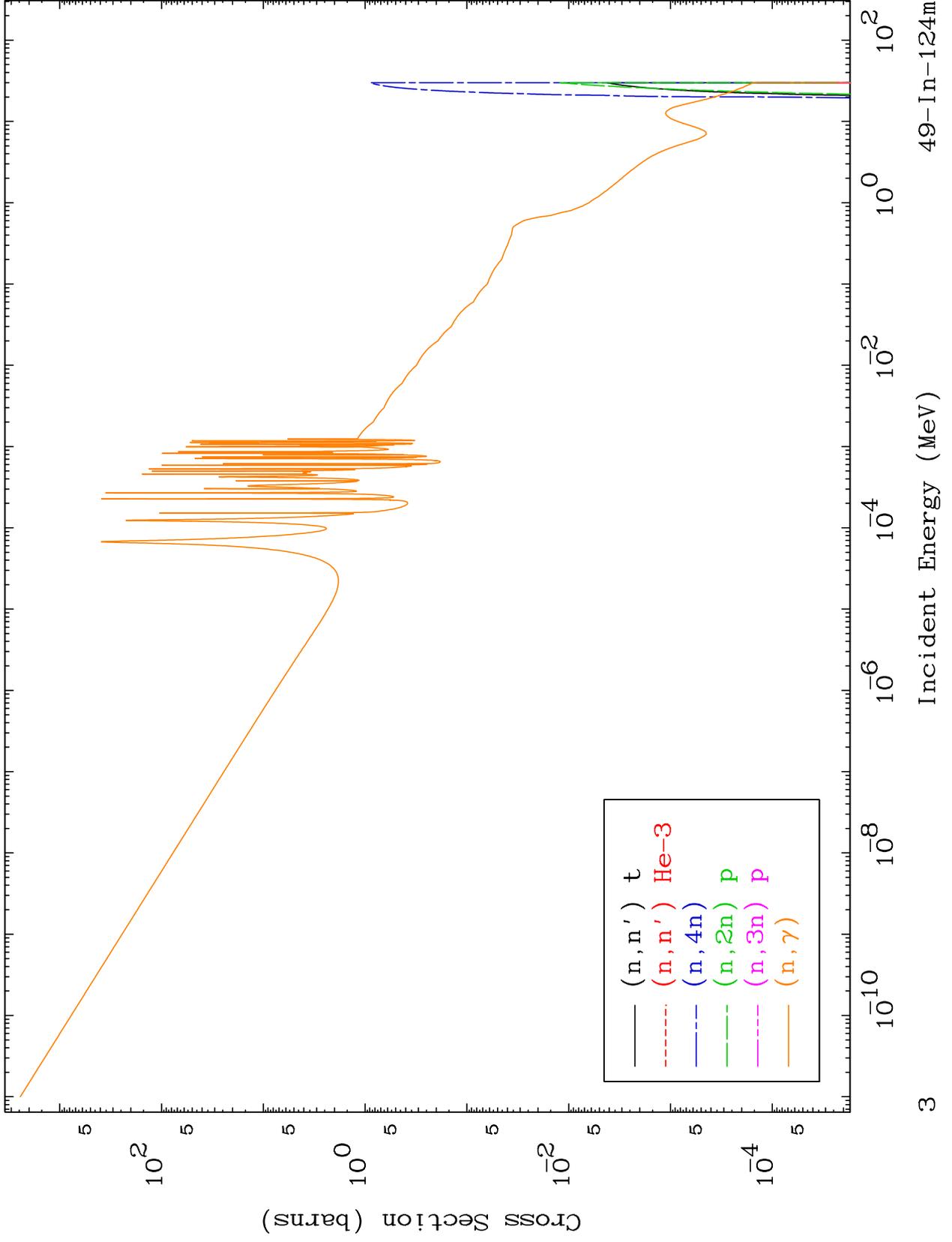
49-In-124m



MAT 4959

Neutron Absorption
293 Kelvin Cross Sections

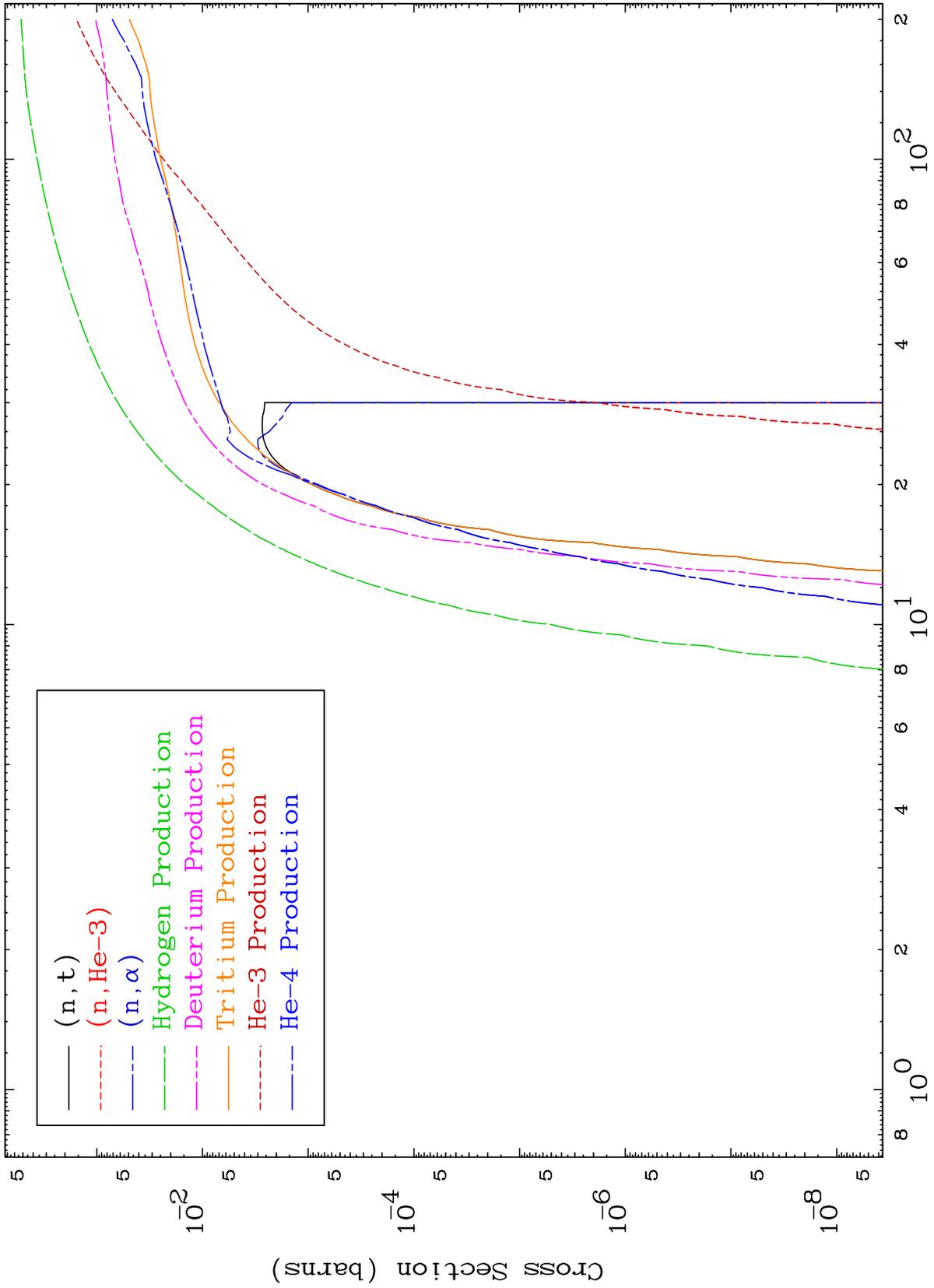
49-In-124m



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Neutron Absorption
293 Kelvin Cross Sections

49-In-124m



49-In-124m

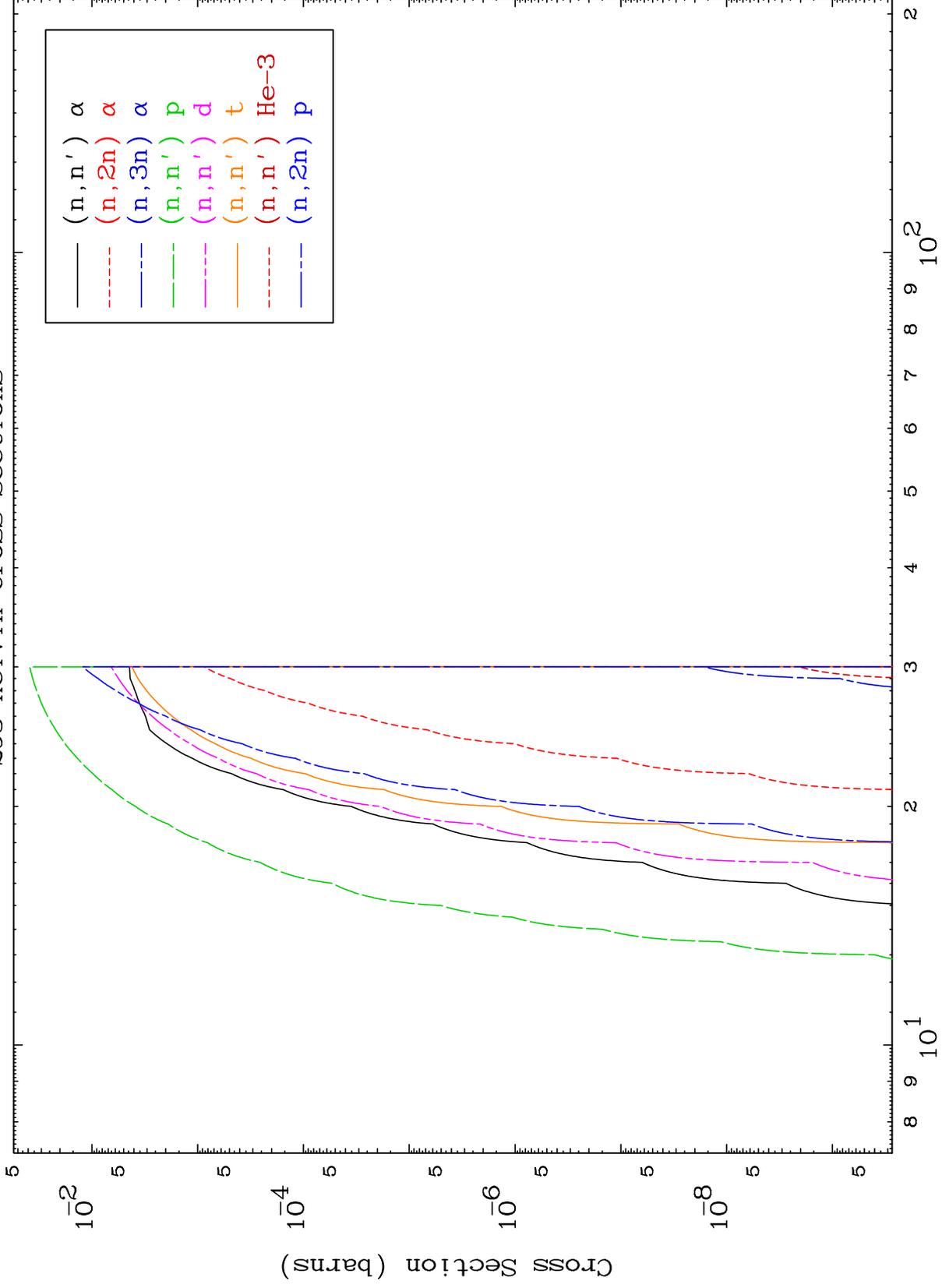
Incident Energy (MeV)

4

MAT 4959

Charged Particle
293 Kelvin Cross Sections

49-In-124m



49-In-124m

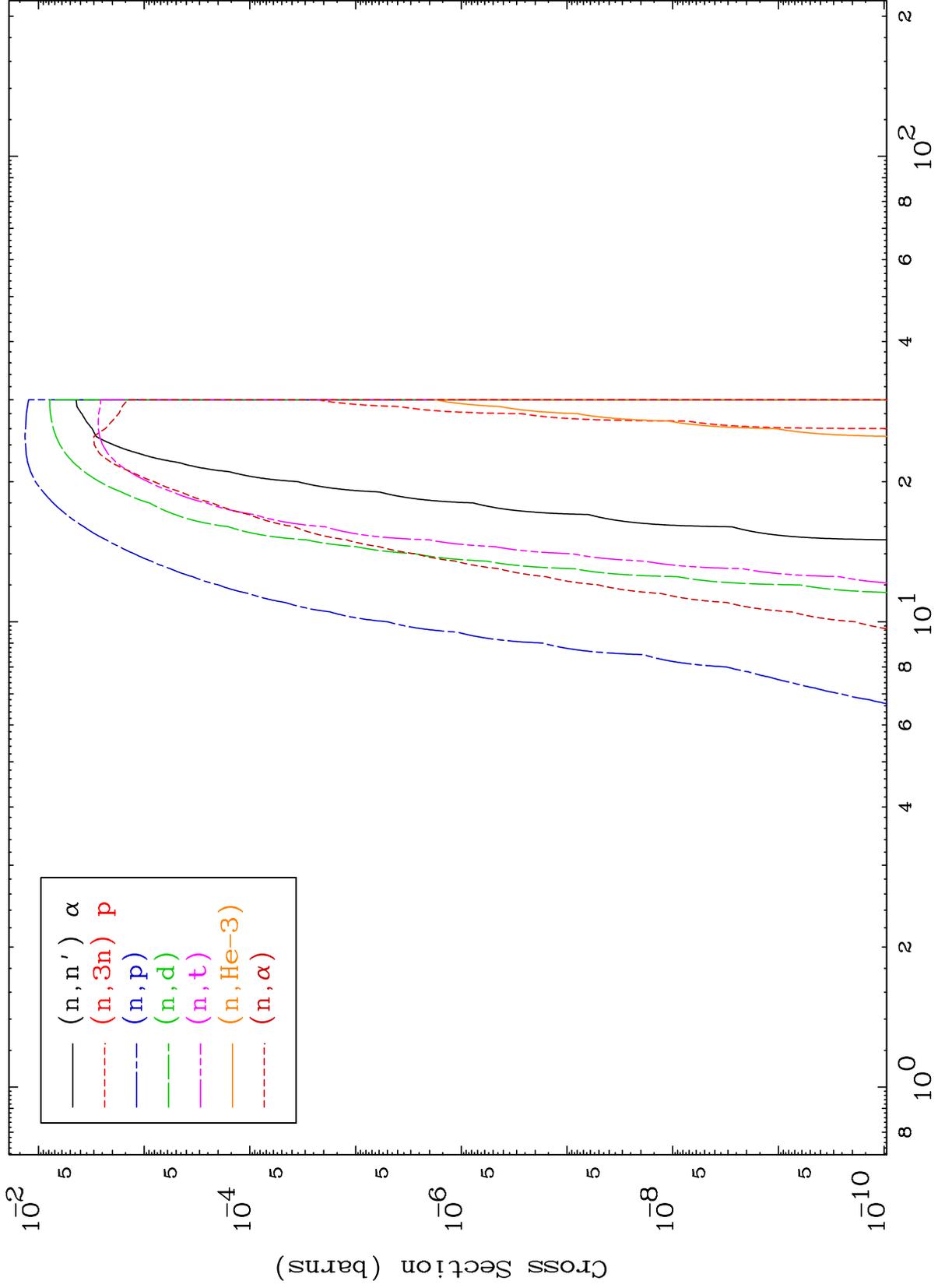
Incident Energy (MeV)

5

MAT 4959

Charged Particle
293 Kelvin Cross Sections

49-In-124m



49-In-124m

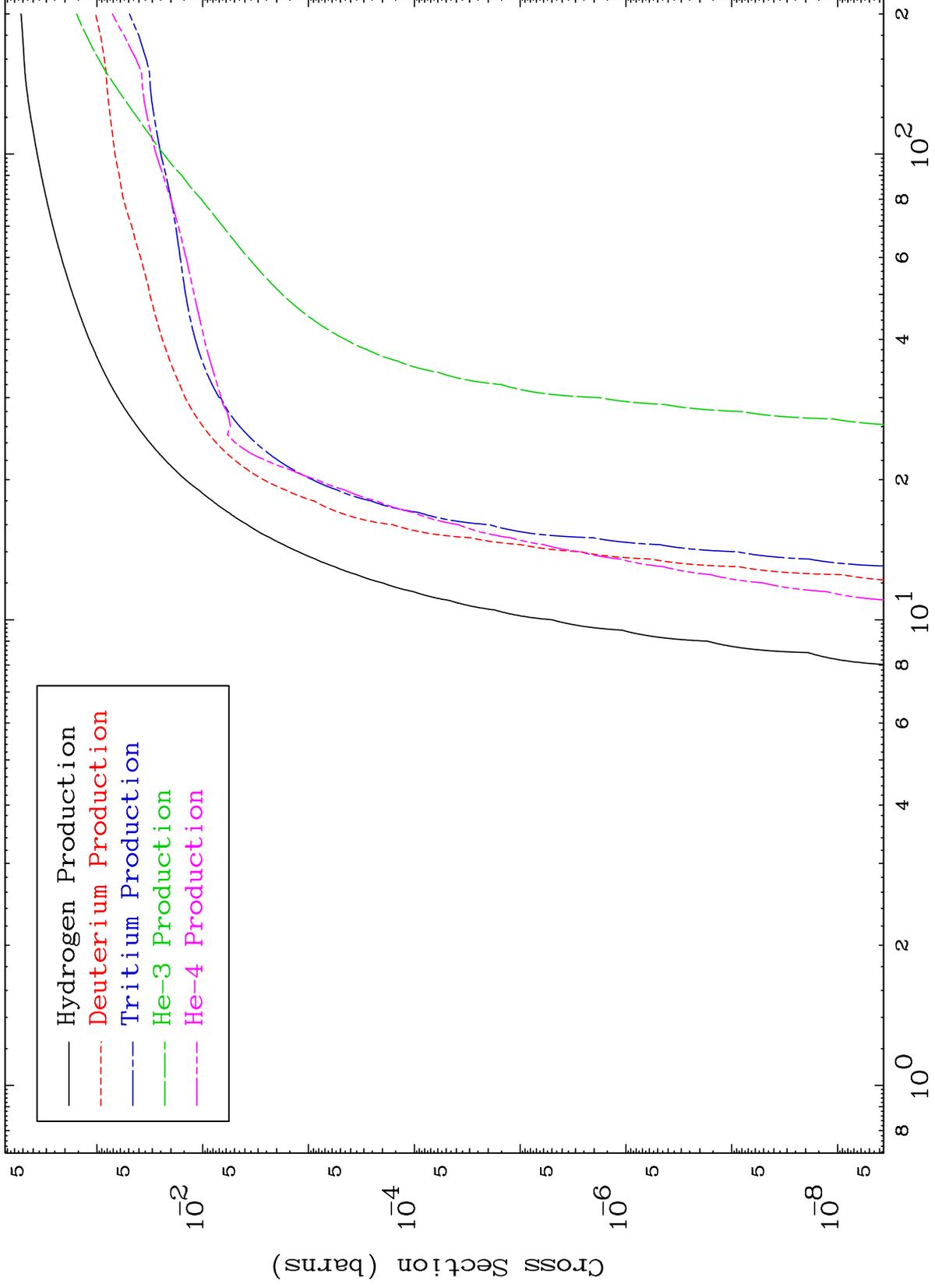
Incident Energy (MeV)

6

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Particle Production
293 Kelvin Cross Sections

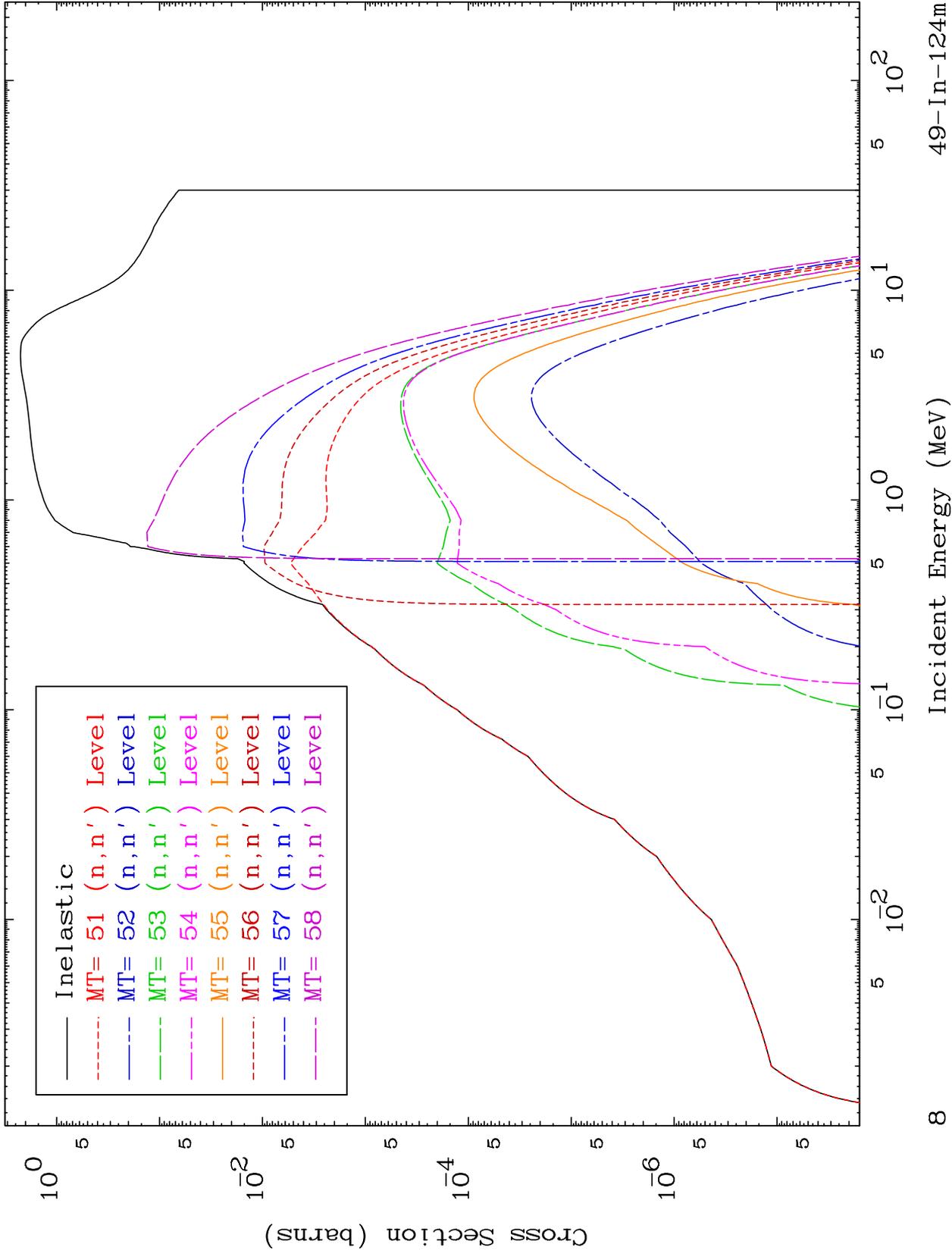
49-In-124m



MAT 4959

(n,n') Levels
293 Kelvin Cross Sections

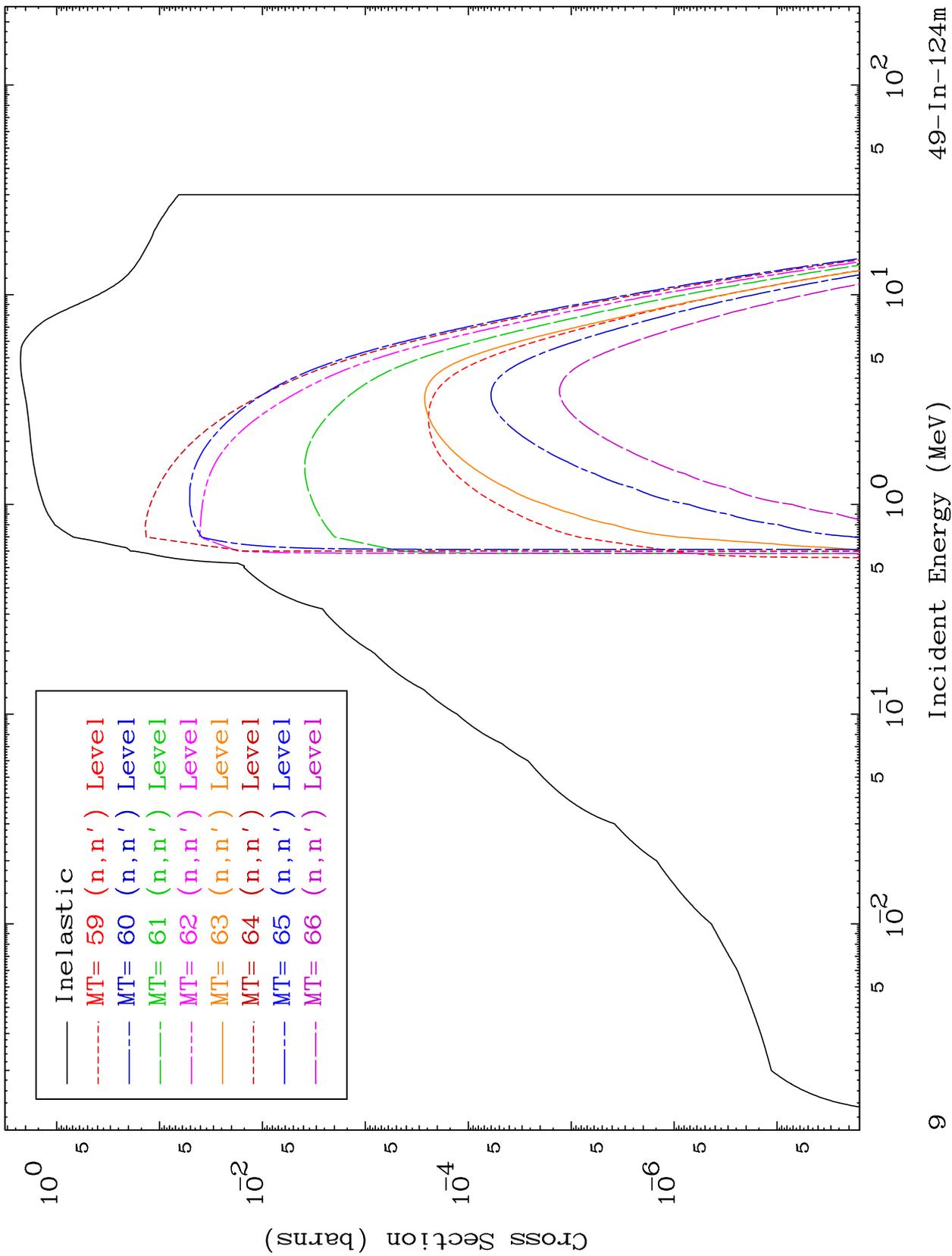
49-In-124m



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(n,n') Levels
293 Kelvin Cross Sections

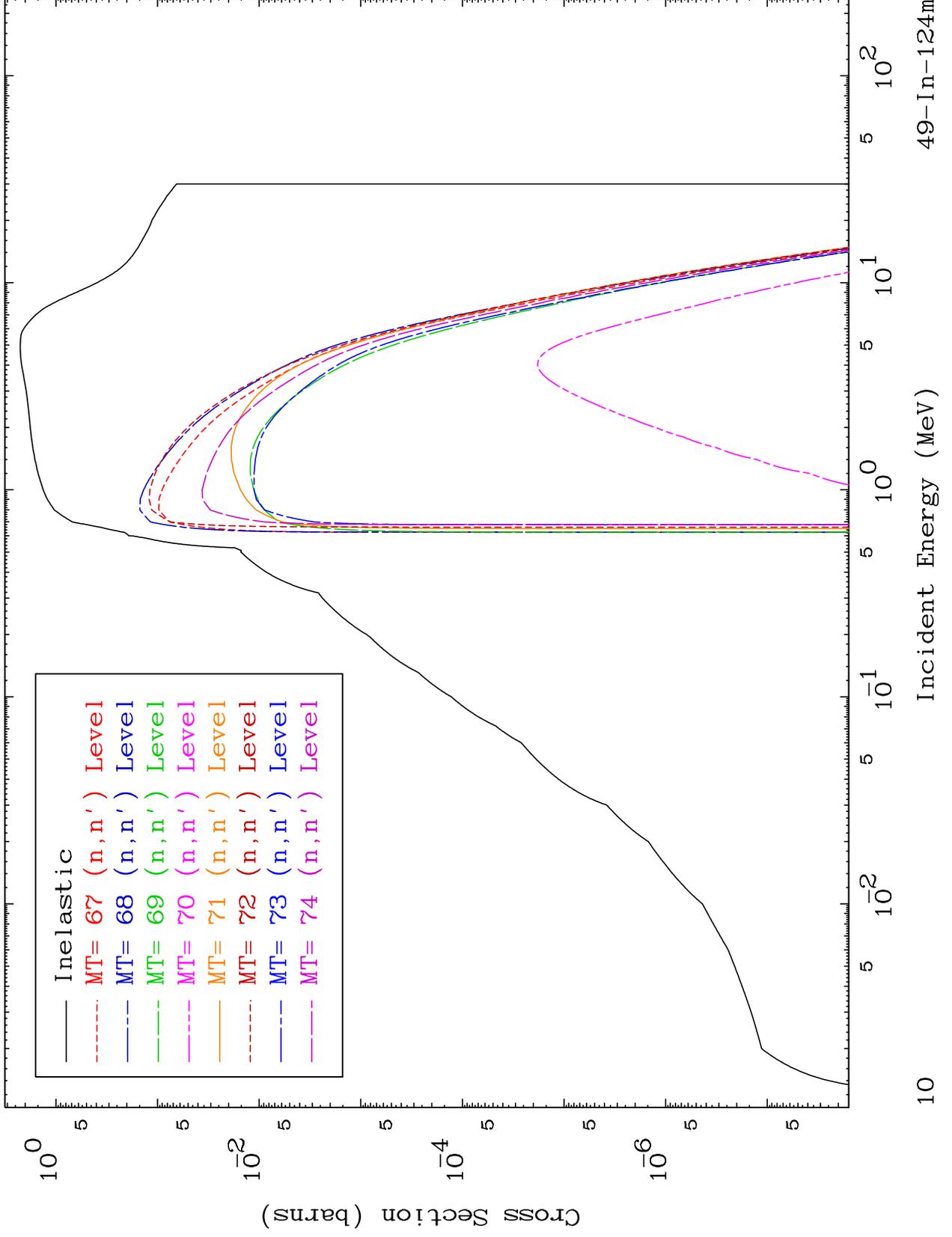
49-In-124m



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(n,n') Levels
293 Kelvin Cross Sections

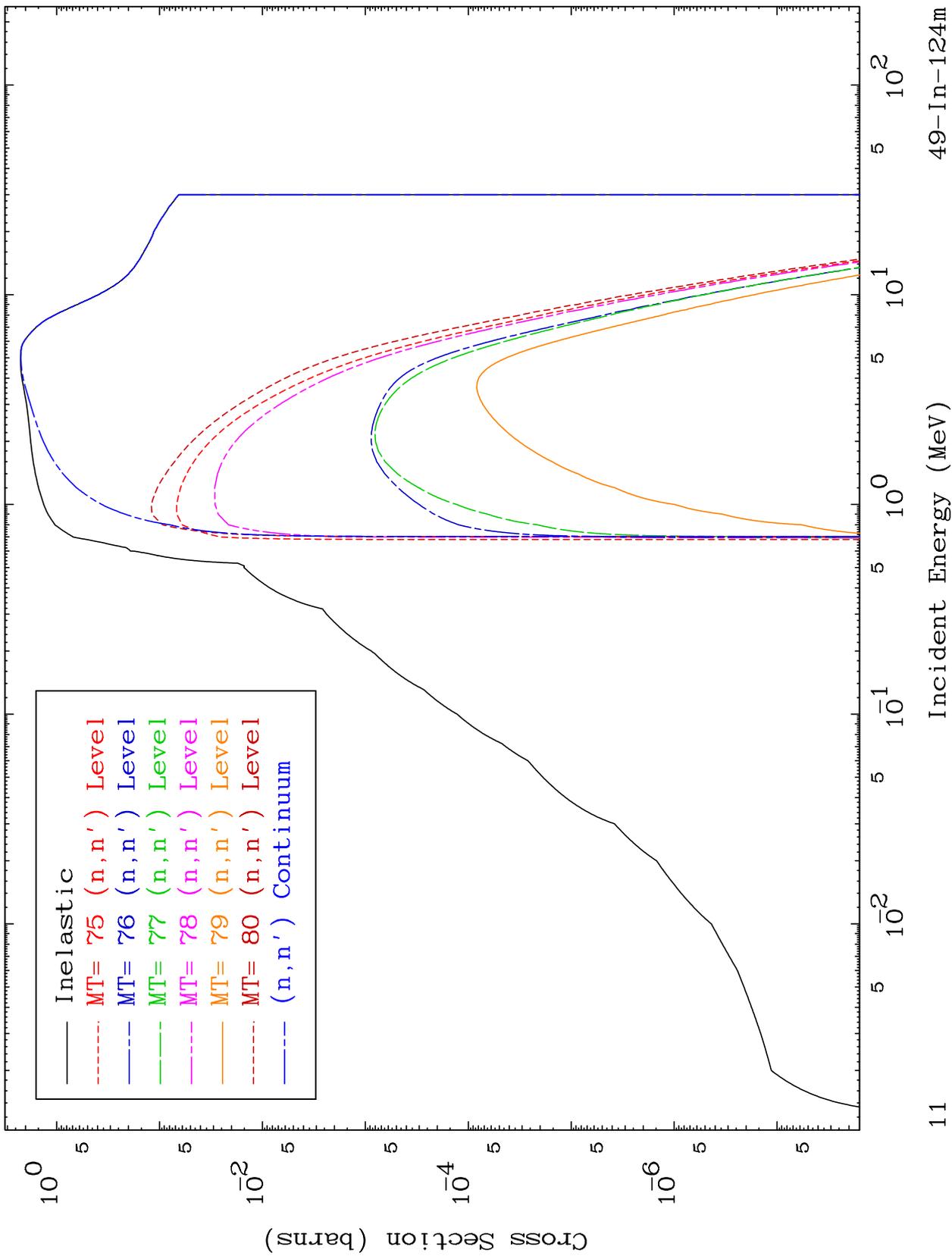
49-In-124m



MAT 4959

(n,n') Levels
293 Kelvin Cross Sections

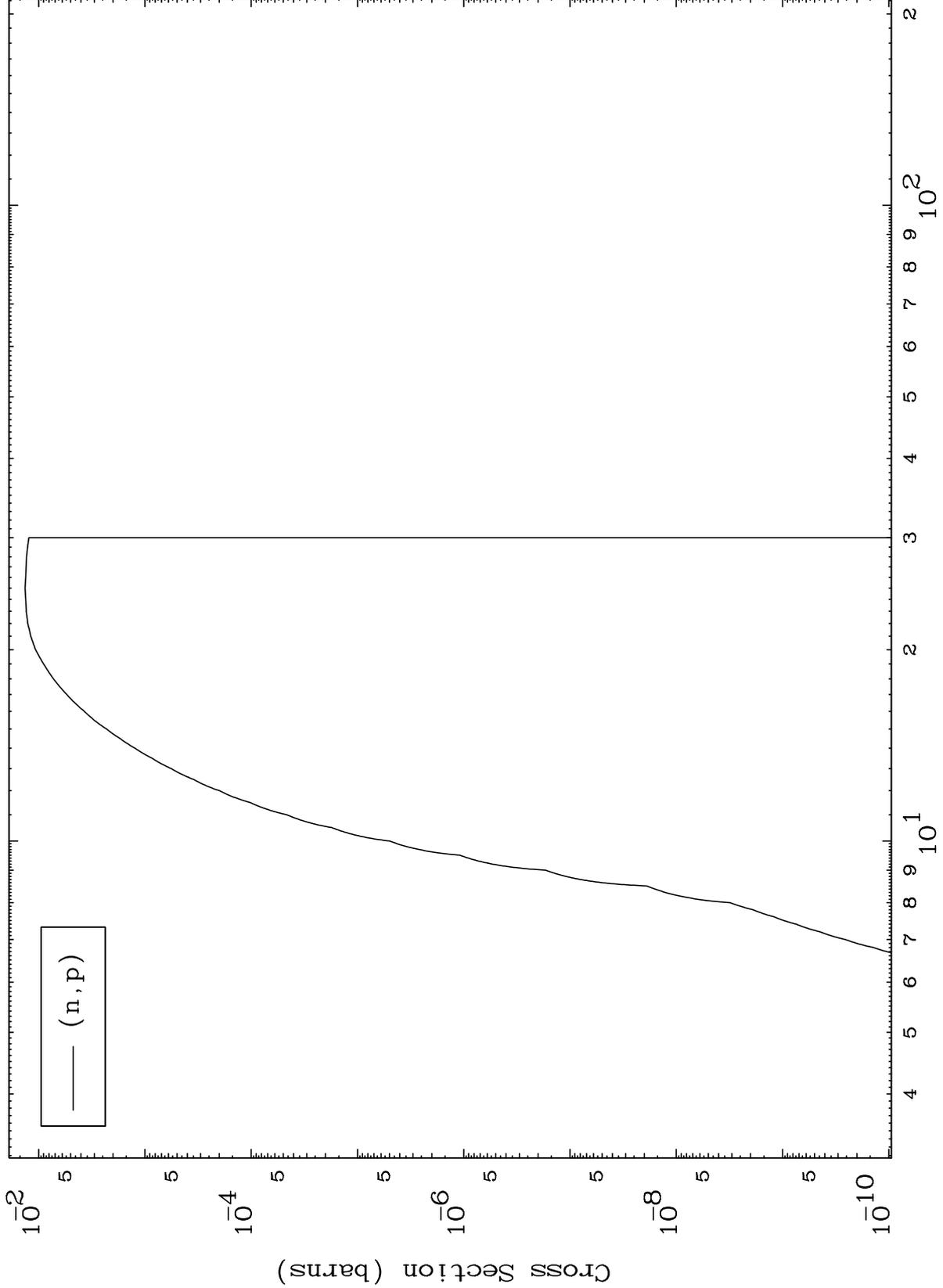
49-In-124m



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(n,p) Levels
293 Kelvin Cross Sections

49-In-124m



(n,p)

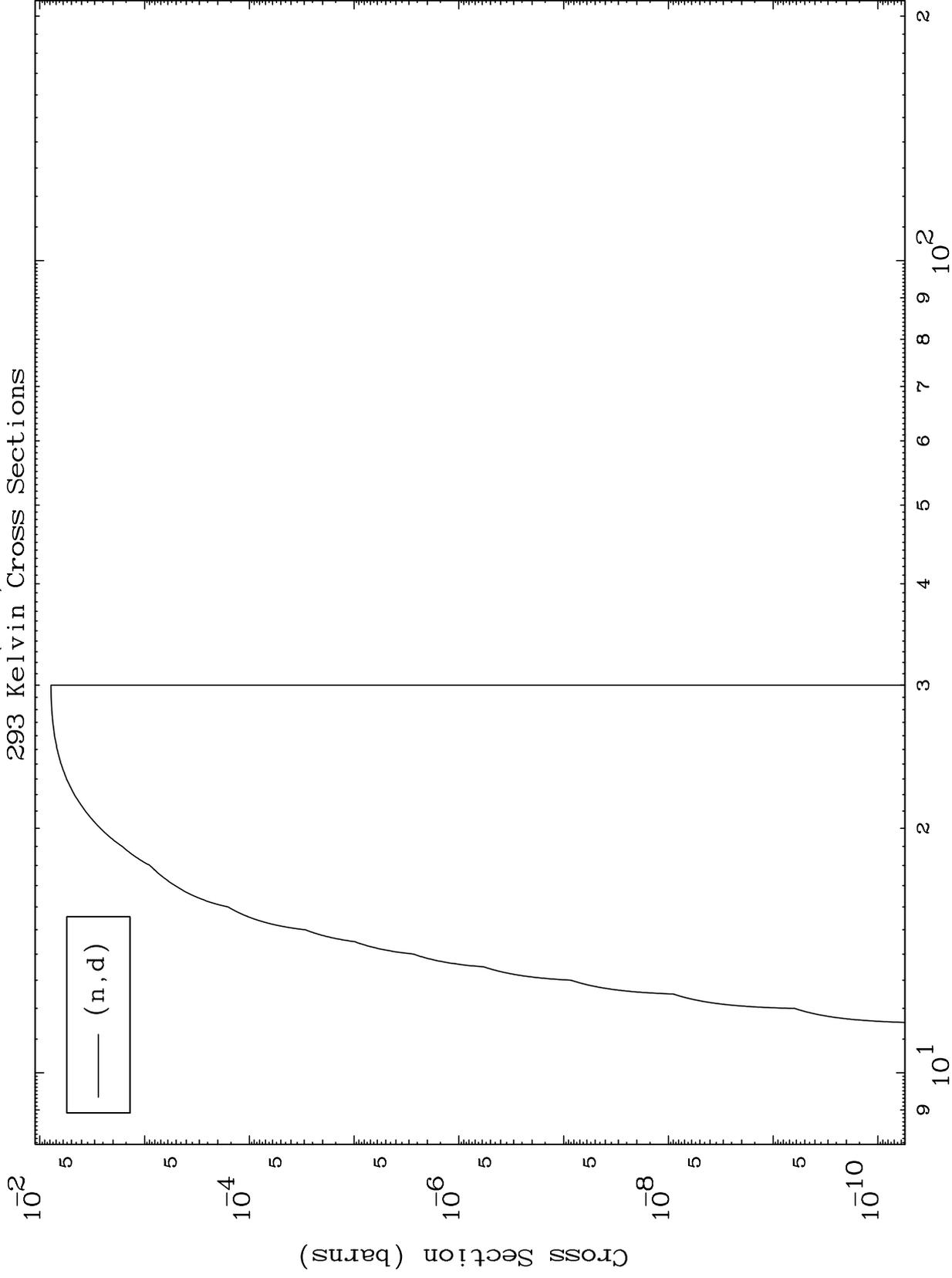
49-In-124m

Incident Energy (MeV)

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(n,d) Levels
293 Kelvin Cross Sections

49-In-124m



13

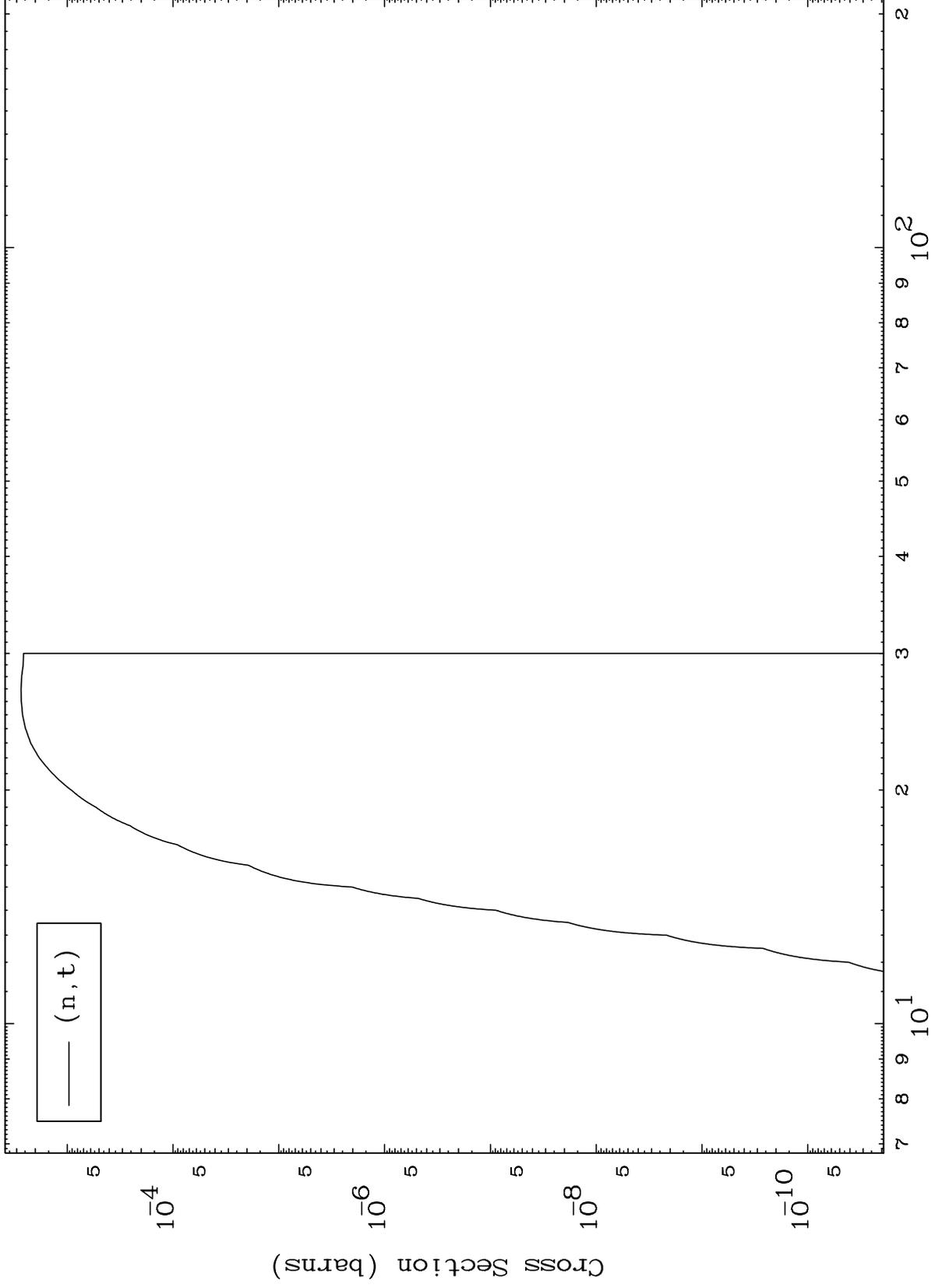
Incident Energy (MeV)

49-In-124m

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(n,t) Levels
293 Kelvin Cross Sections

49-In-124m



14

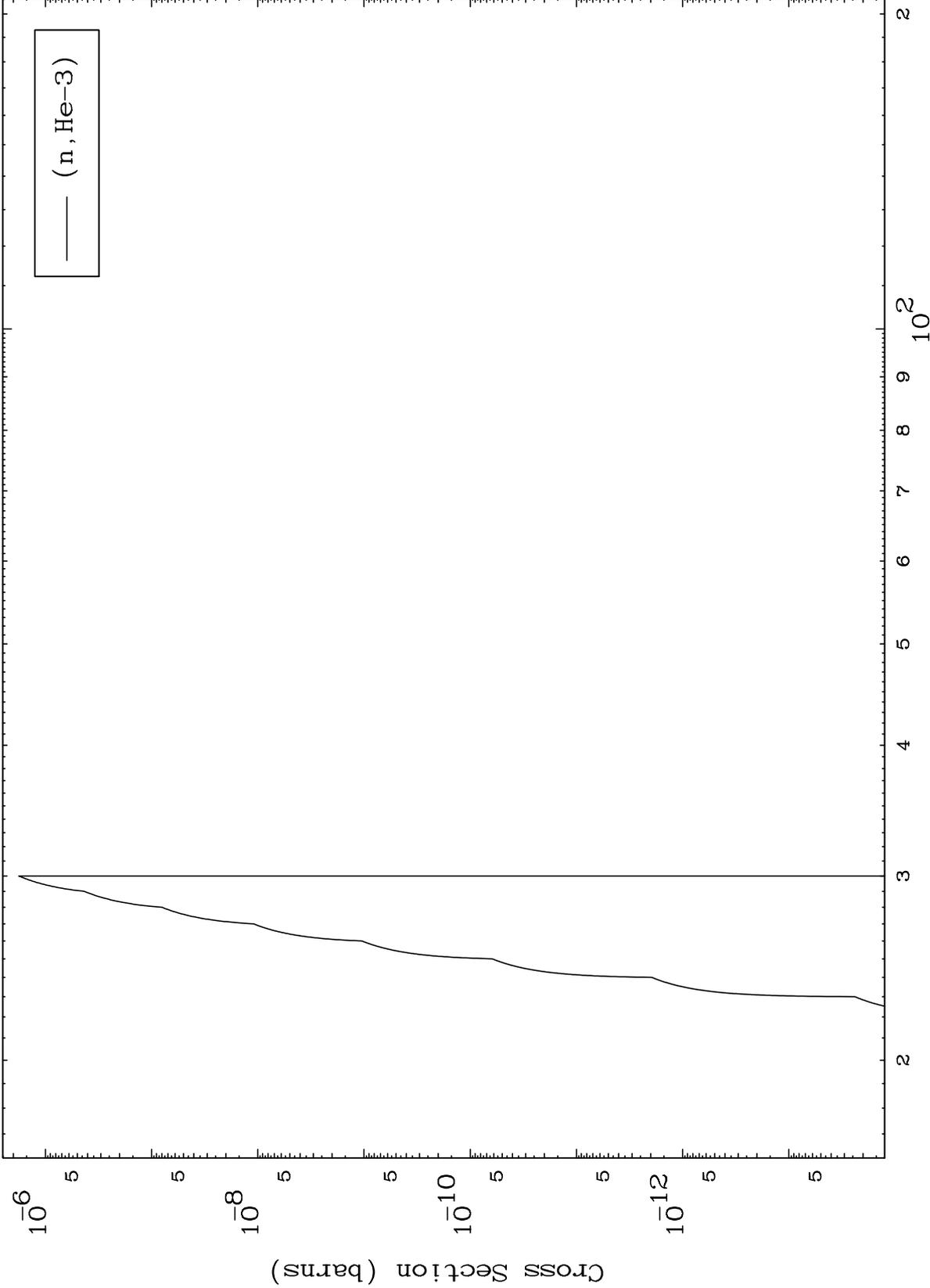
Incident Energy (MeV)

49-In-124m

MAT 4959

(n,He3) Levels
293 Kelvin Cross Sections

49-In-124m



15

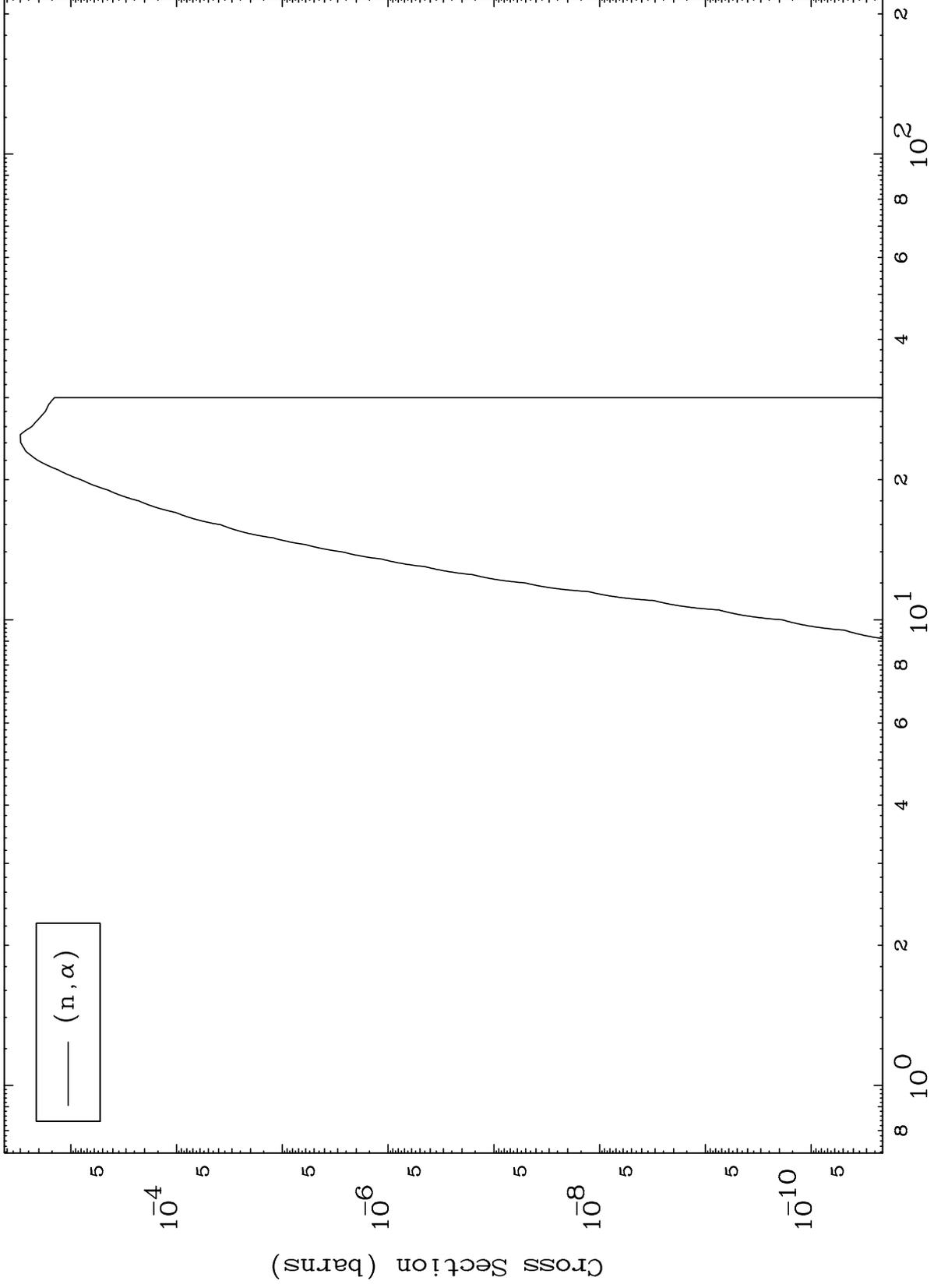
Incident Energy (MeV)

49-In-124m

MAT 4959

(n, α) Levels
293 Kelvin Cross Sections

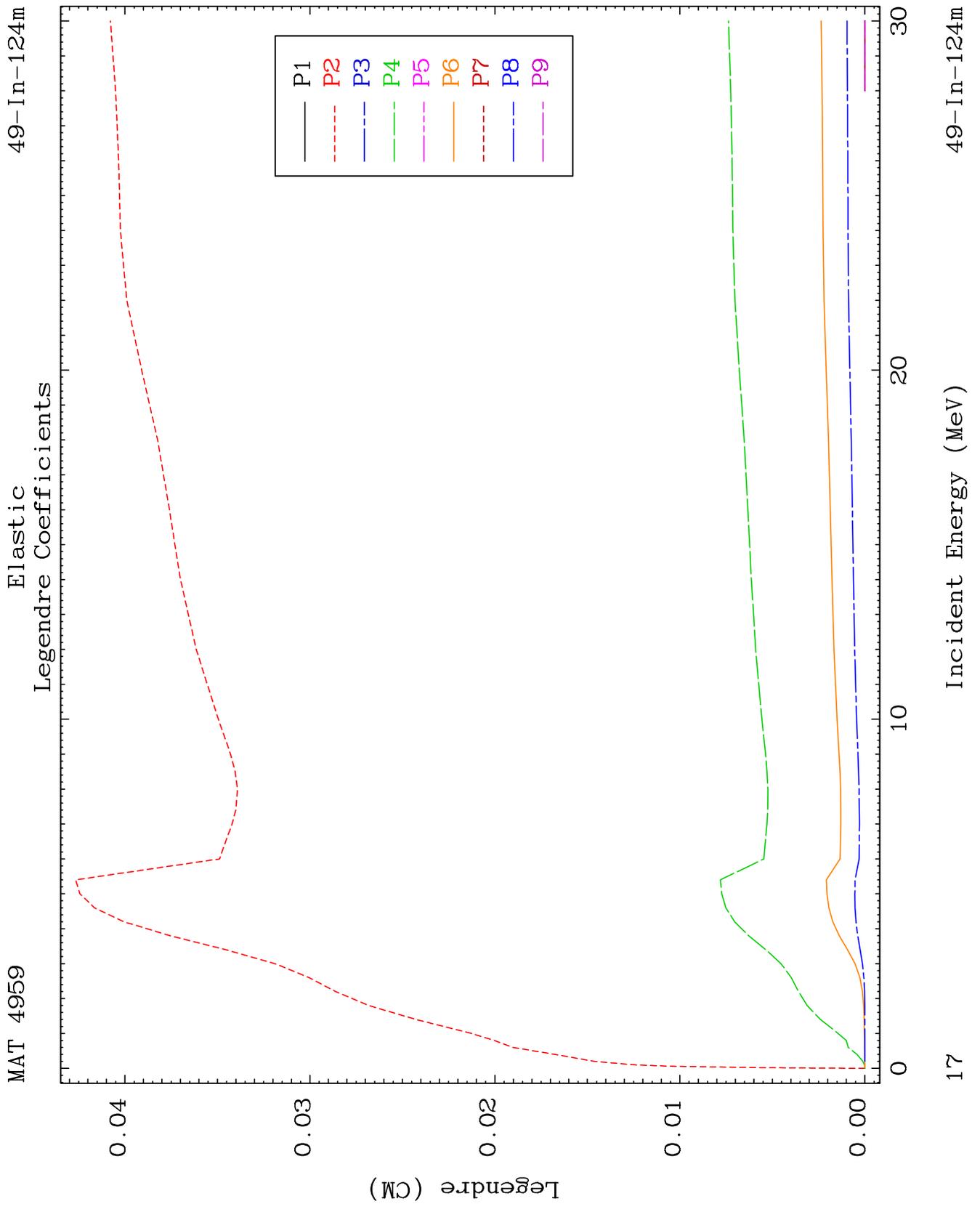
49-In-124m



16

Incident Energy (MeV)

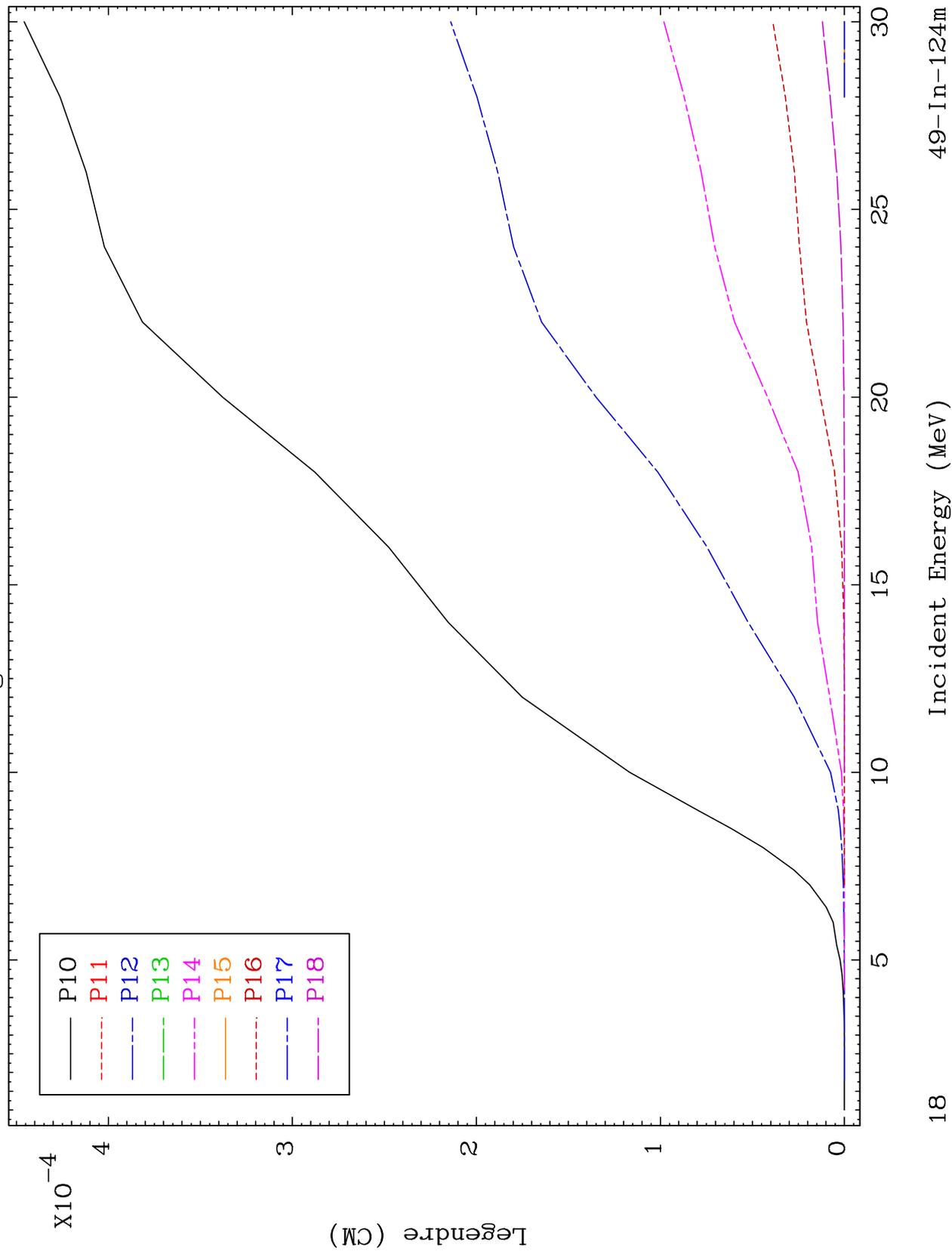
49-In-124m



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Elastic Legendre Coefficients

49-In-124m



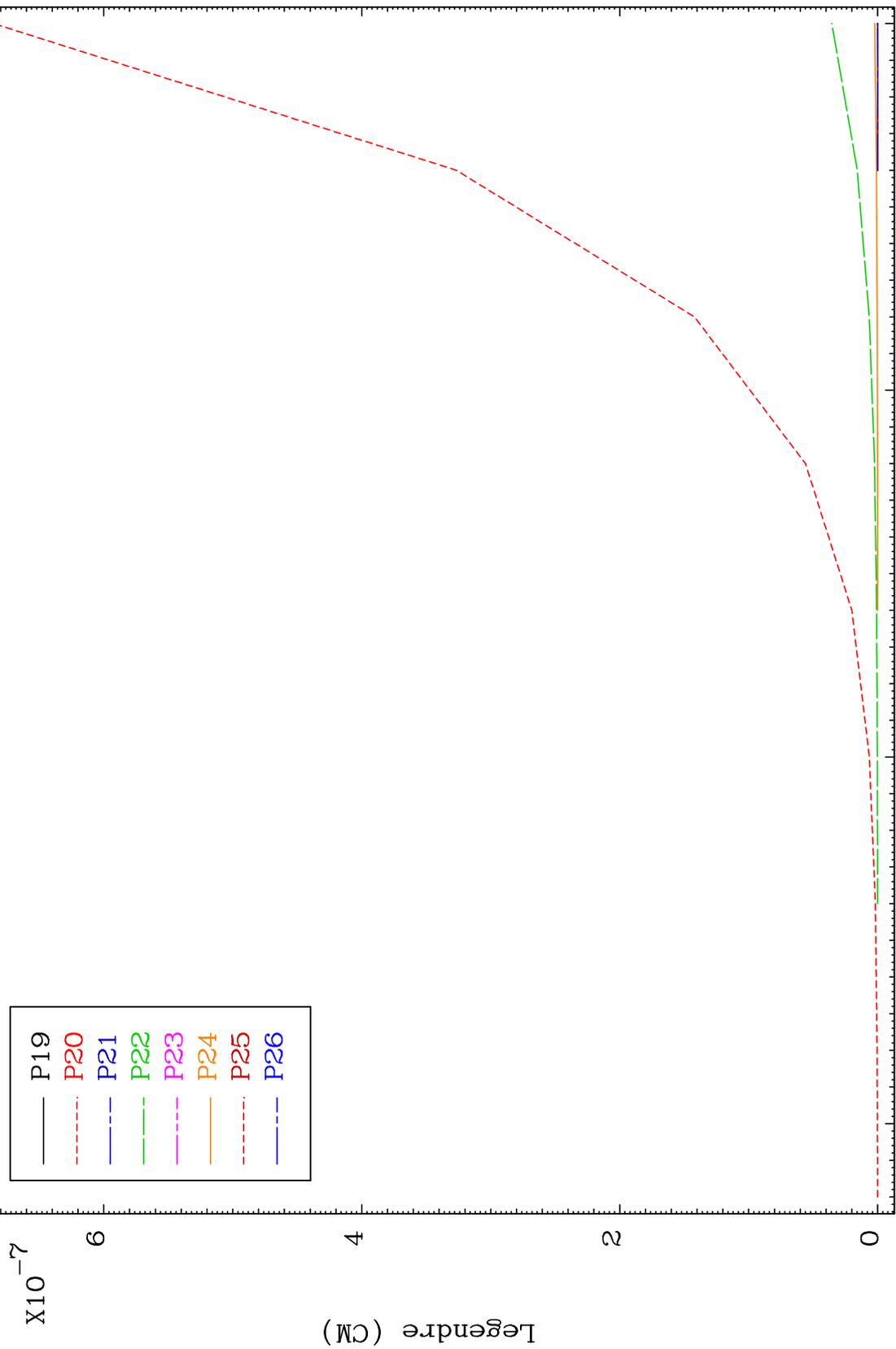
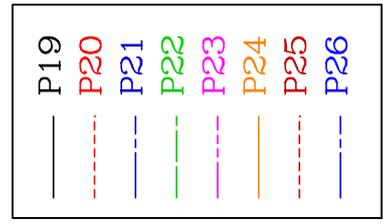
18

49-In-124m

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Elastic Legendre Coefficients

49-In-124m



19

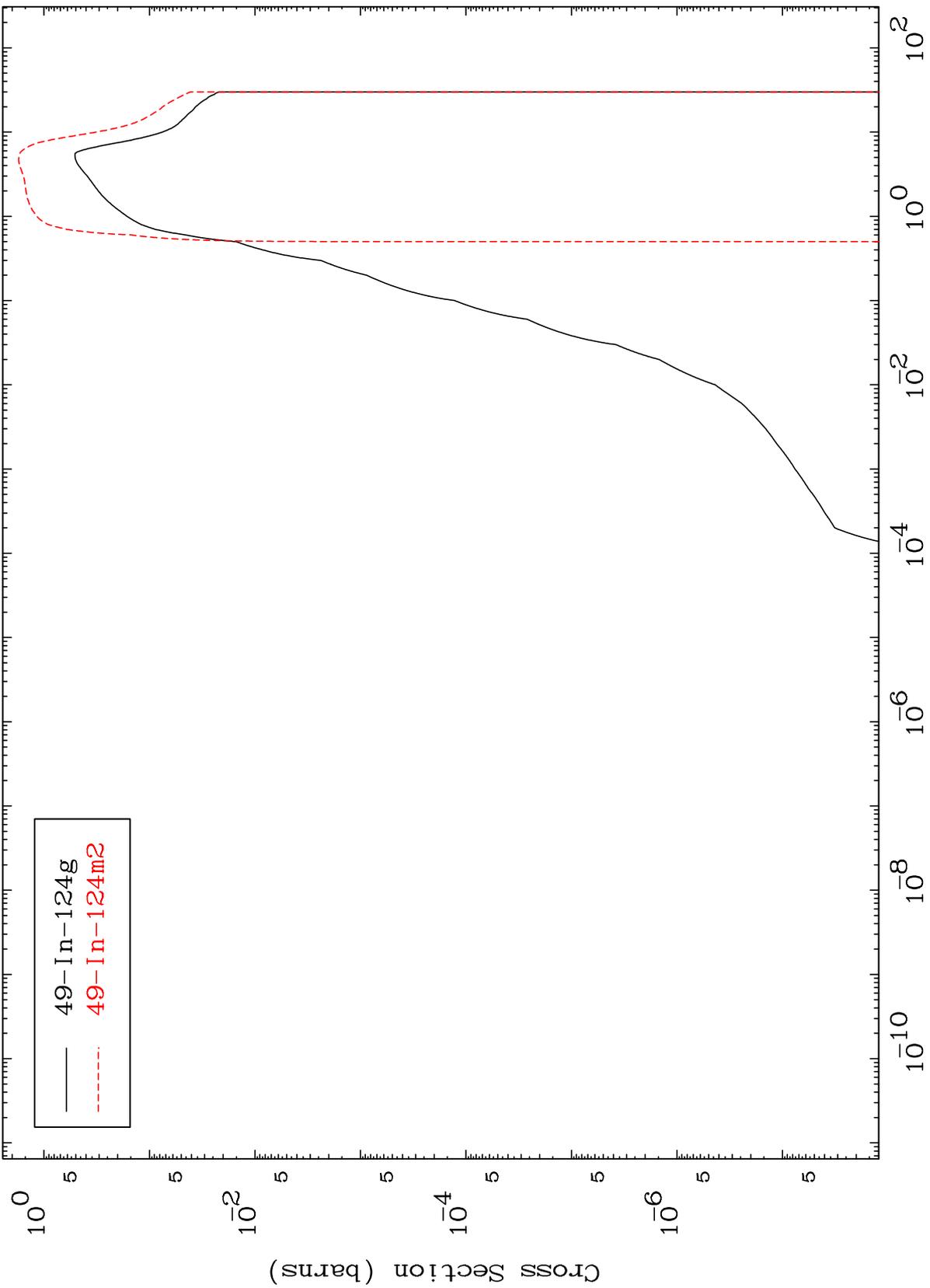
Incident Energy (MeV)

49-In-124m

MAT 4959

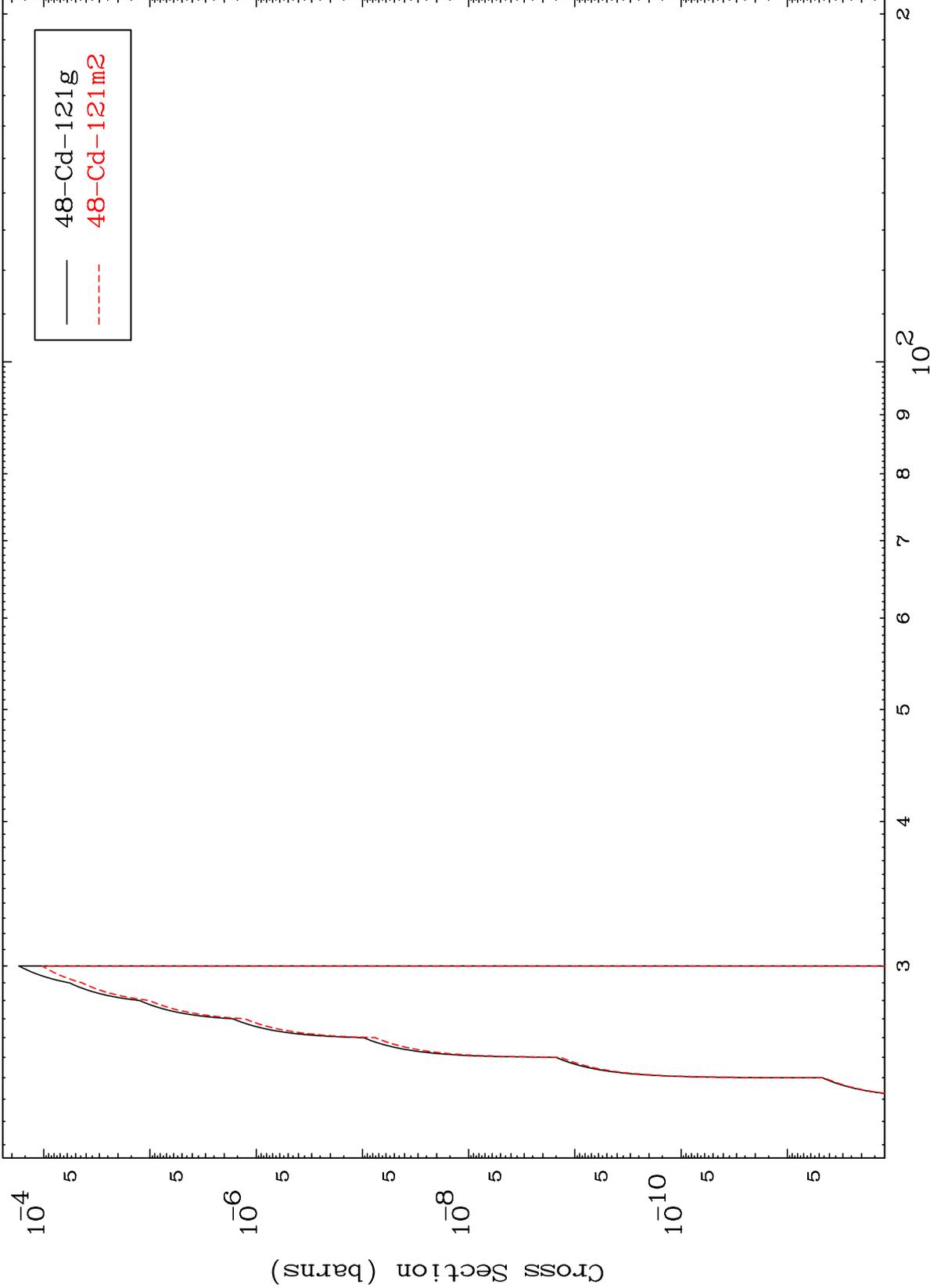
49-In-124m

Inelastic
Radionuclide Production Cross Section



— 49-In-124g
- - - 49-In-124m2

Radionuclide Production Cross Section

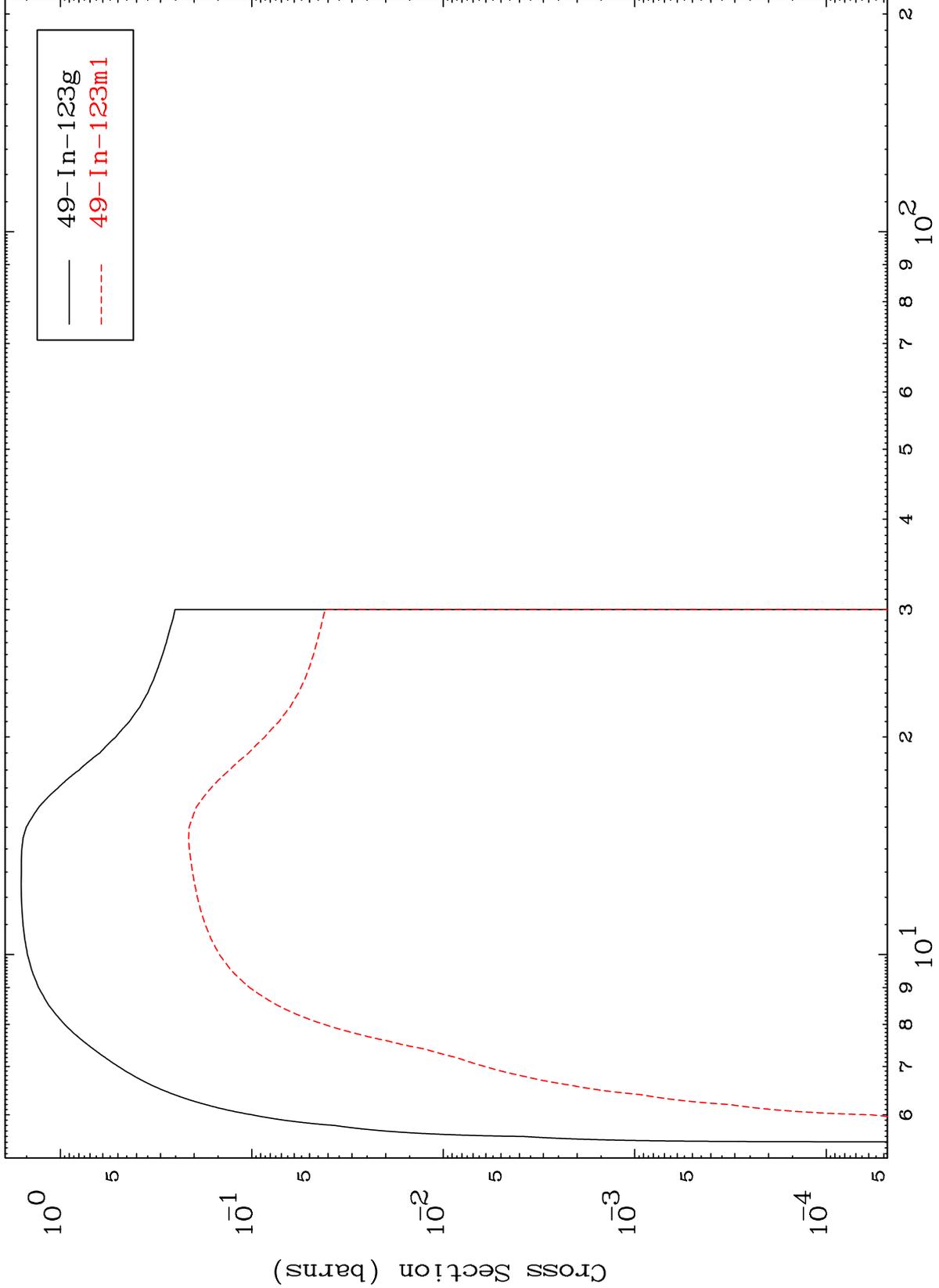


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(n,2n)

49-In-124m

Radionuclide Production Cross Section



49-In-123g
49-In-123m1

22

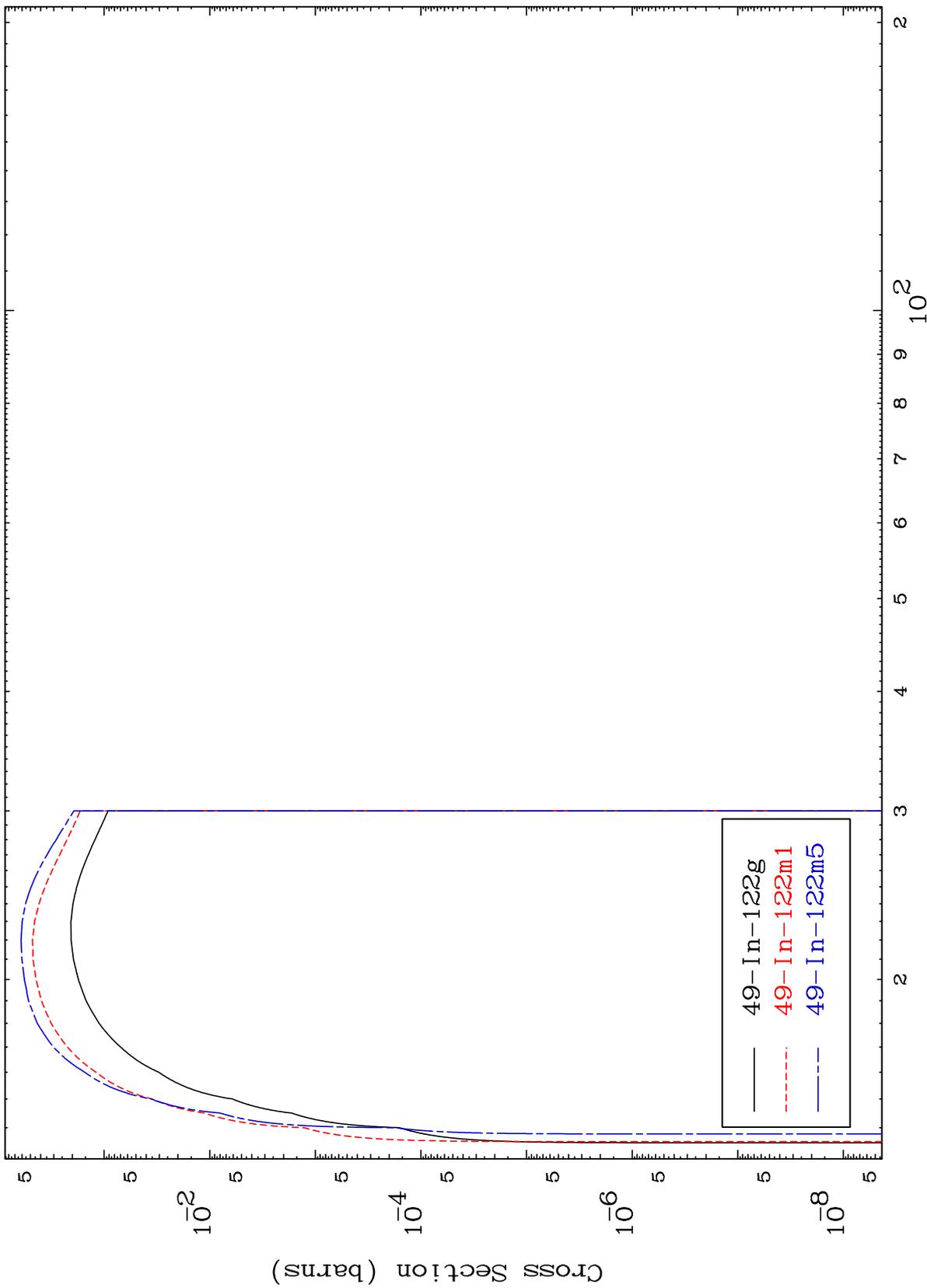
Incident Energy (MeV)

49-In-124m

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49-In-124m

(n,3n)
Radionuclide Production Cross Section



49-In-124m

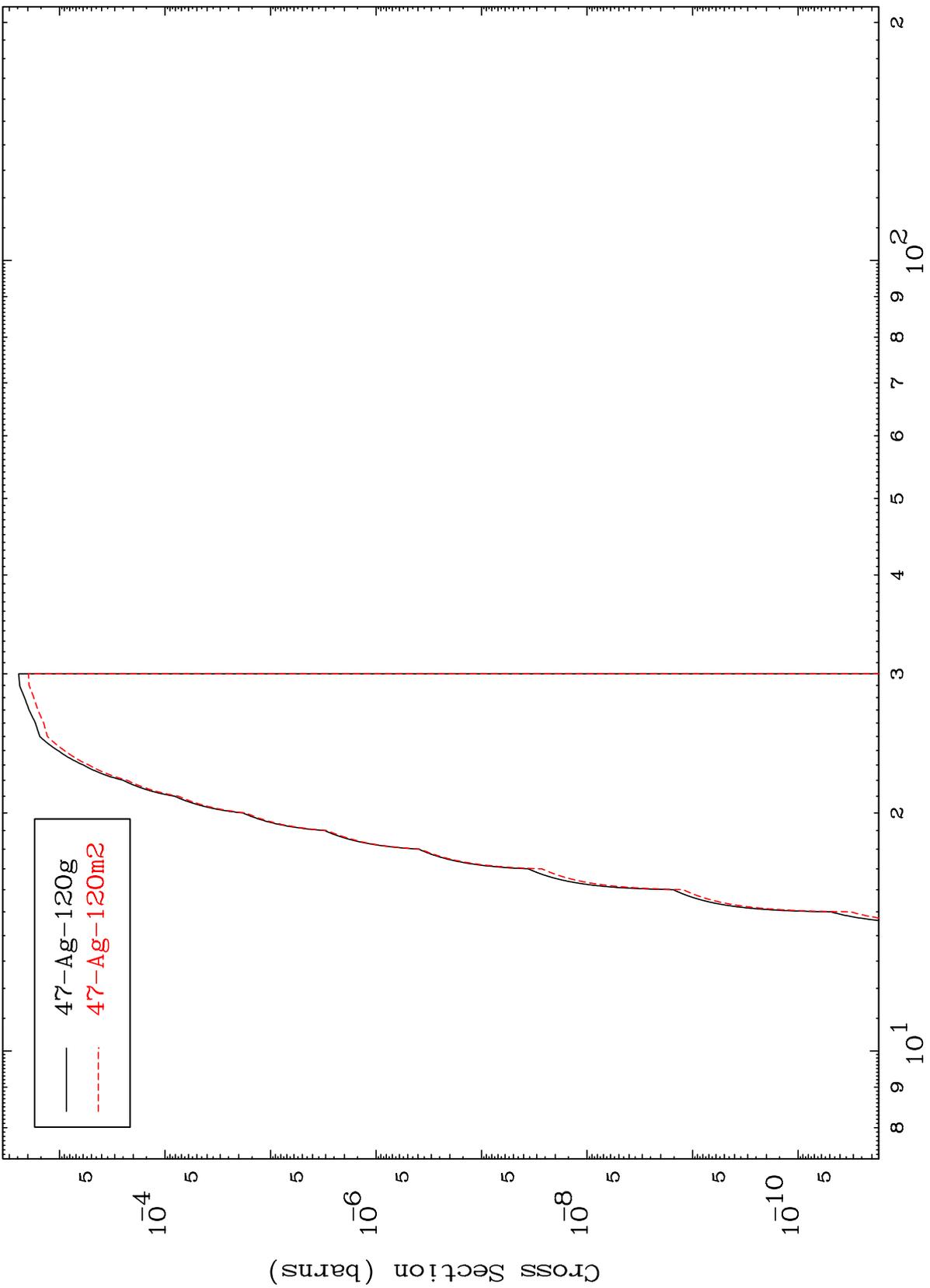
Incident Energy (MeV)

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(n,n') α

49-In-124m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

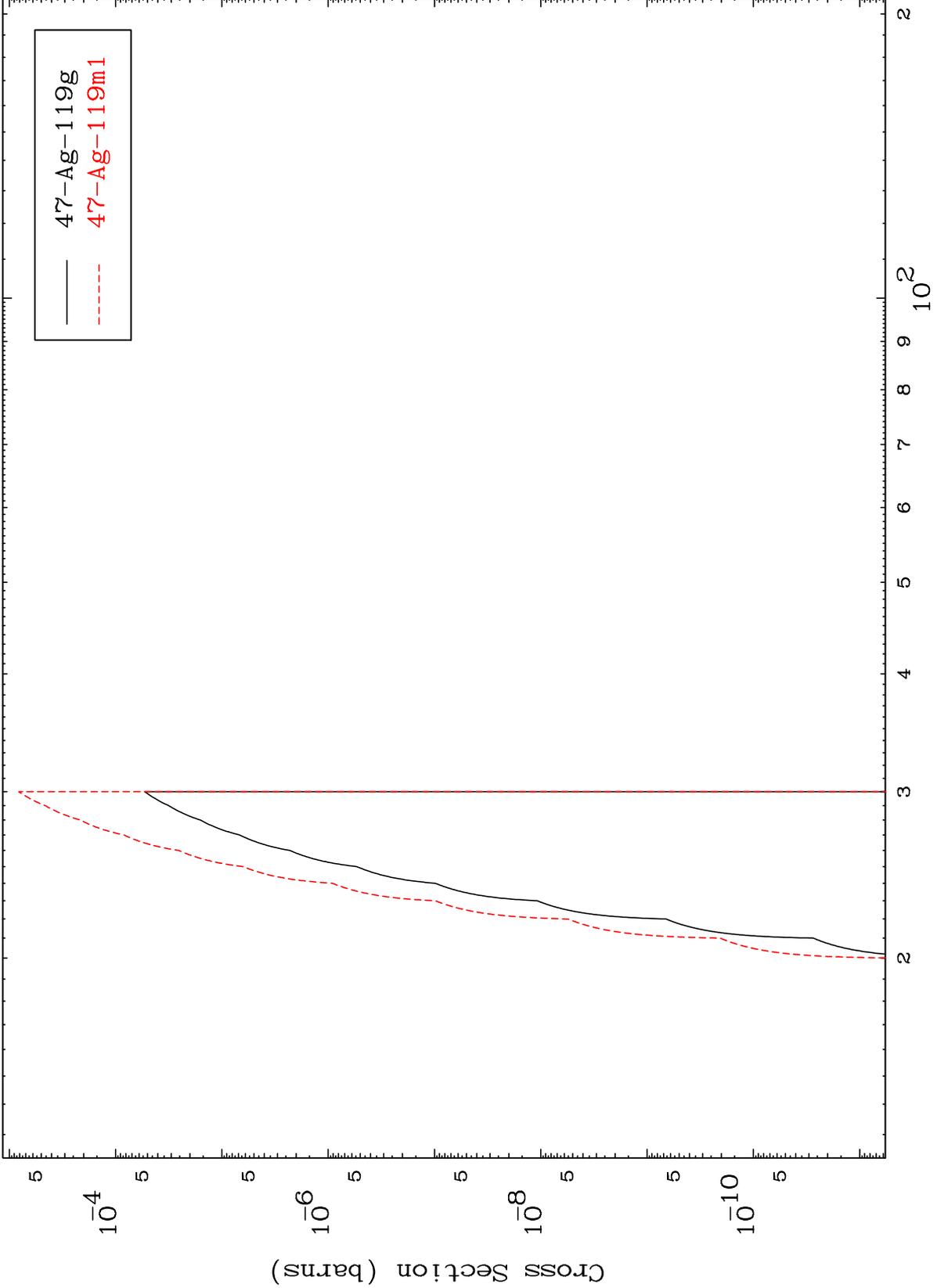
49-In-124m

MAT 4959

(n,2n) α

49-In-124m

Radionuclide Production Cross Section



25

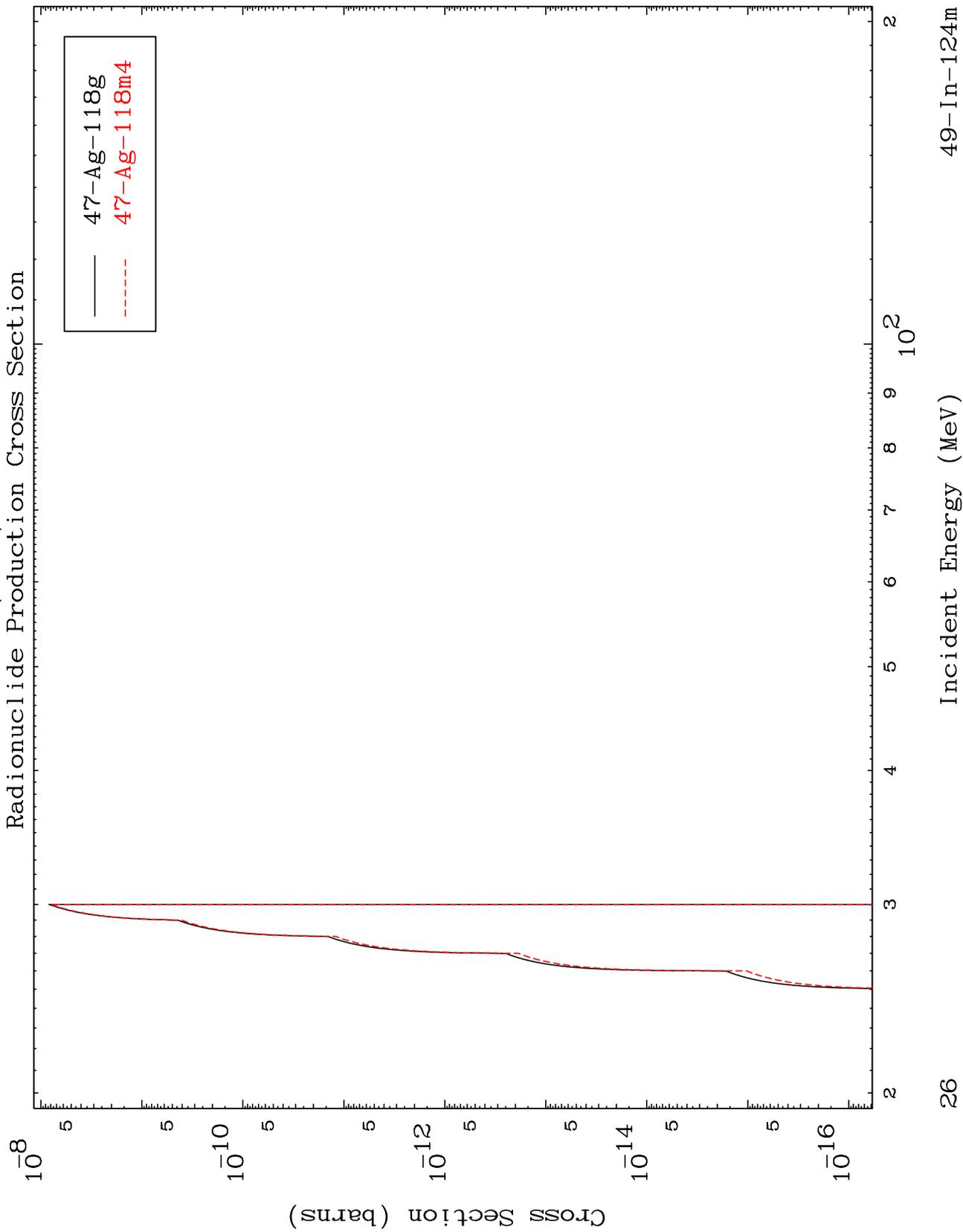
Incident Energy (MeV)

49-In-124m

MAT 4959

(n,3n) α

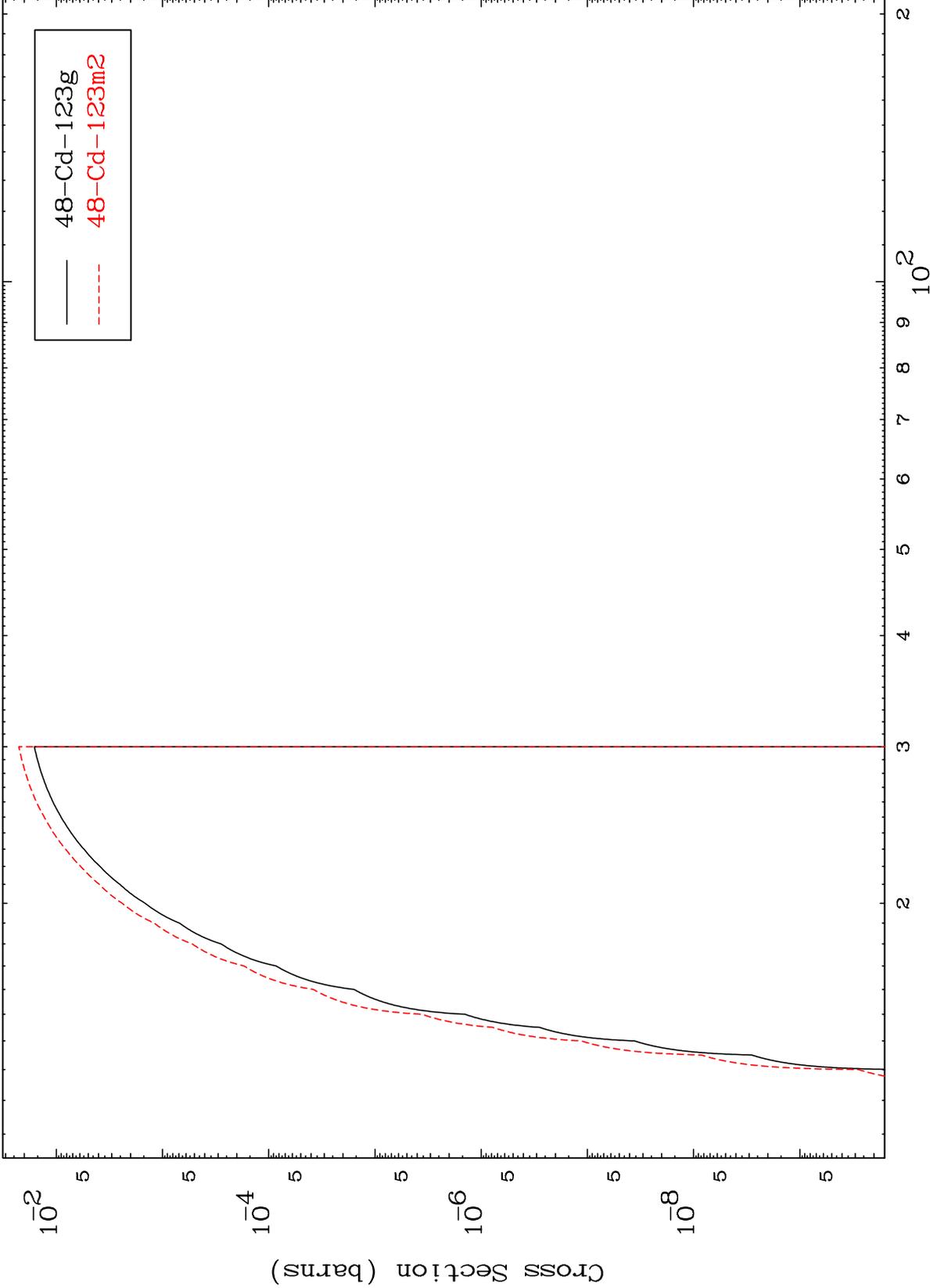
49-In-124m



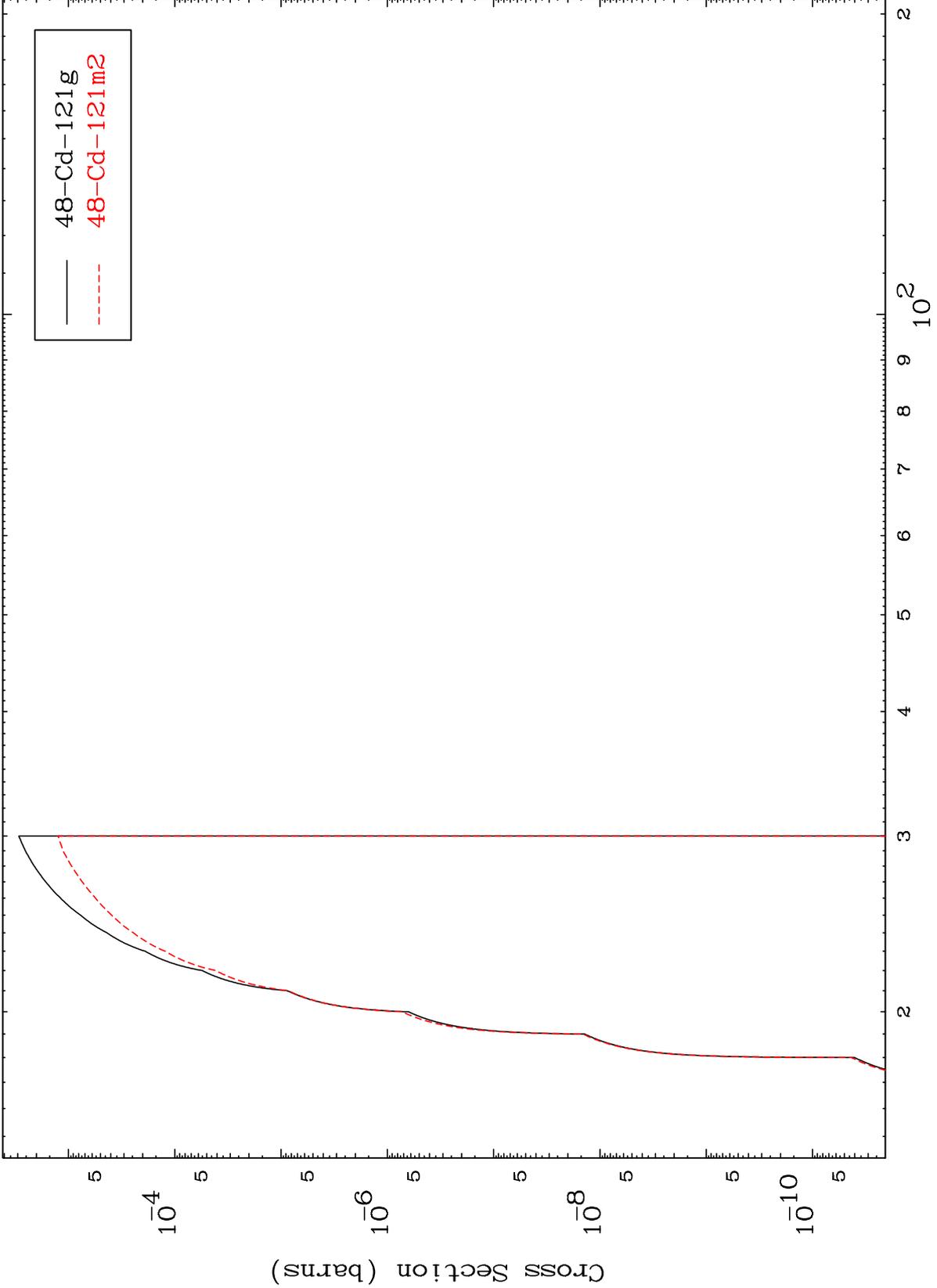
26

49-In-124m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

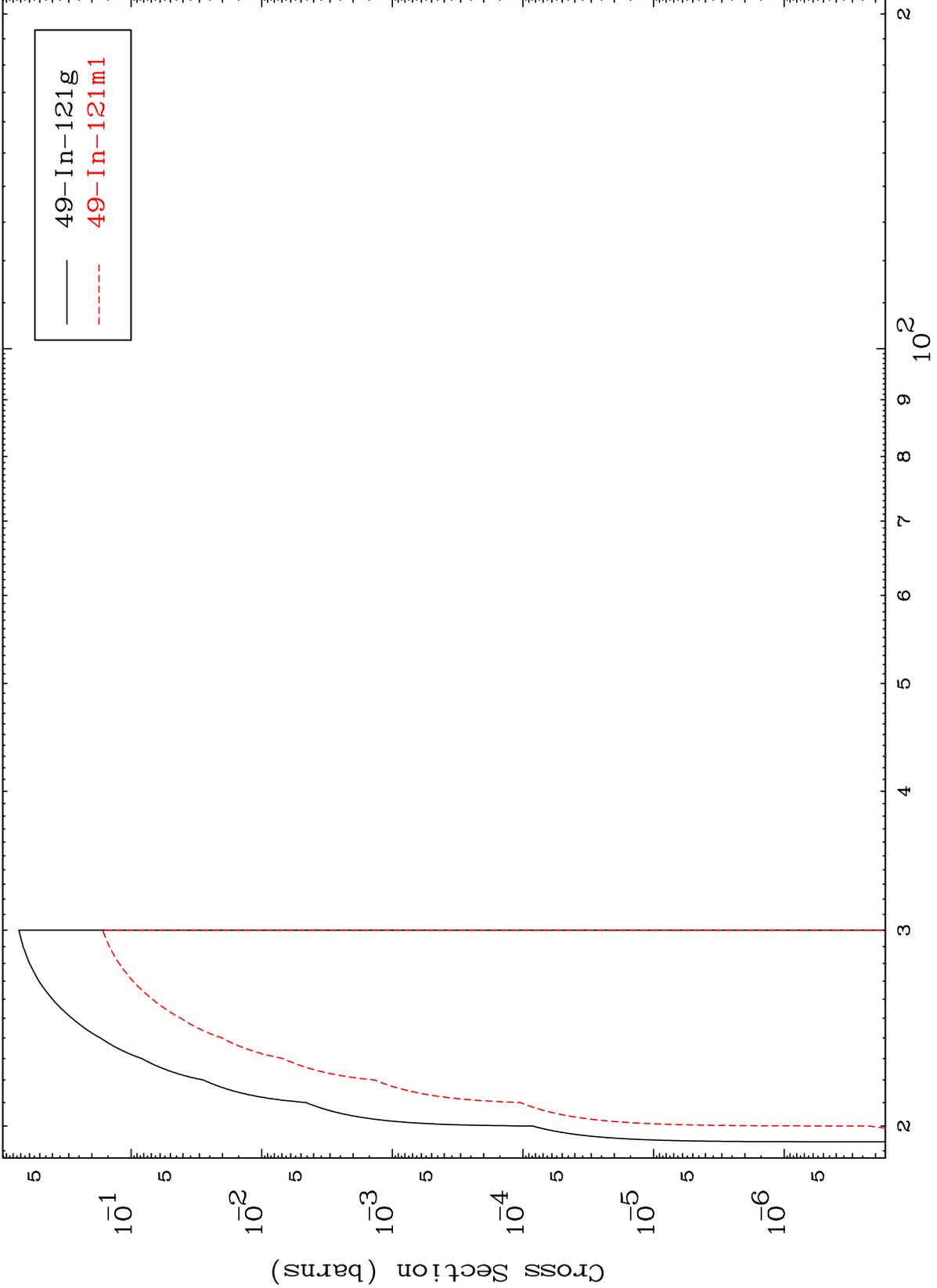


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(n,4n)

49-In-124m

Radionuclide Production Cross Section



49-In-121g
49-In-121m1

29

Incident Energy (MeV)

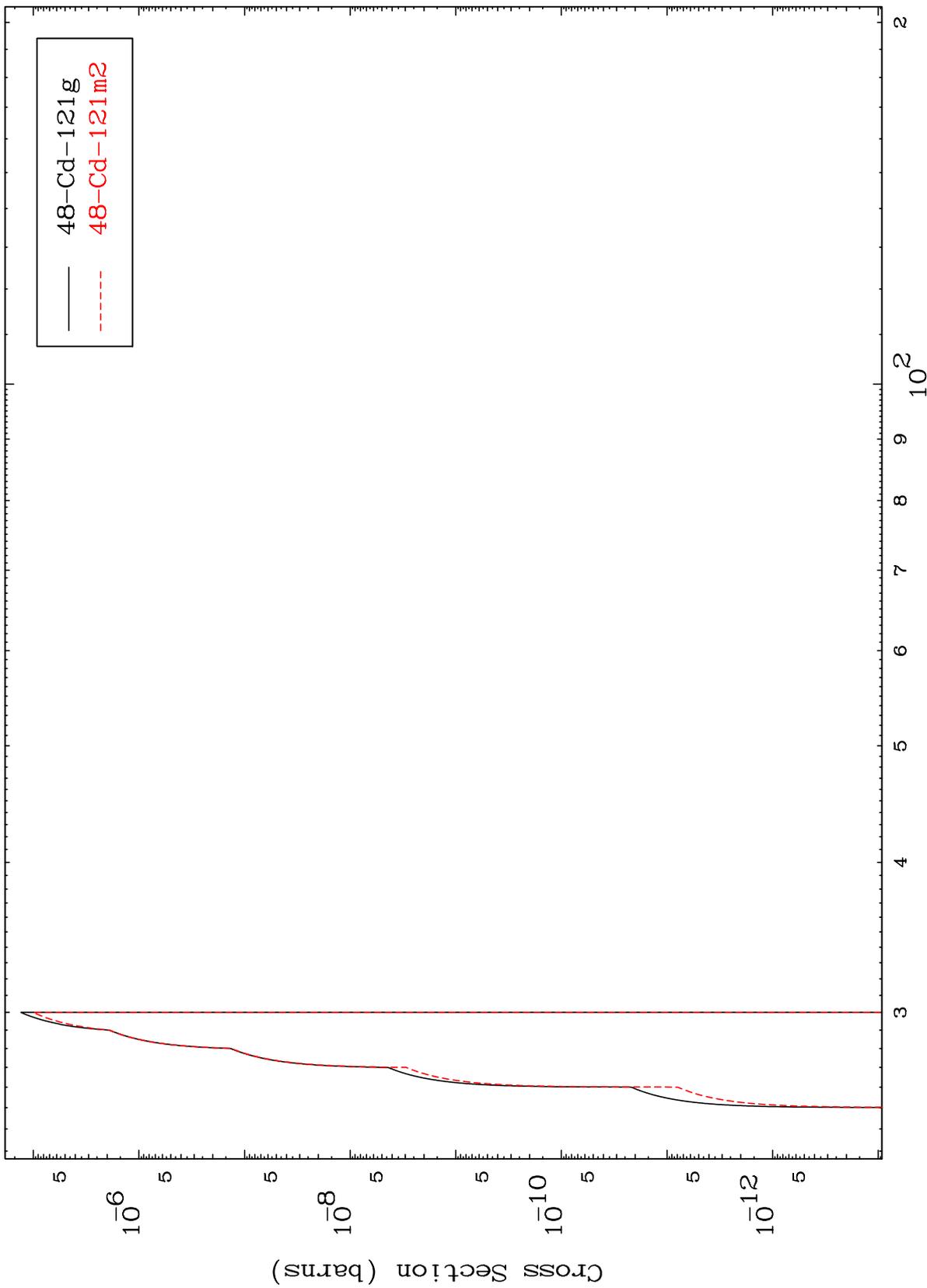
49-In-124m

MAT 4959

(n,3n) p

49-In-124m

Radionuclide Production Cross Section



48-Cd-121g
48-Cd-121m2

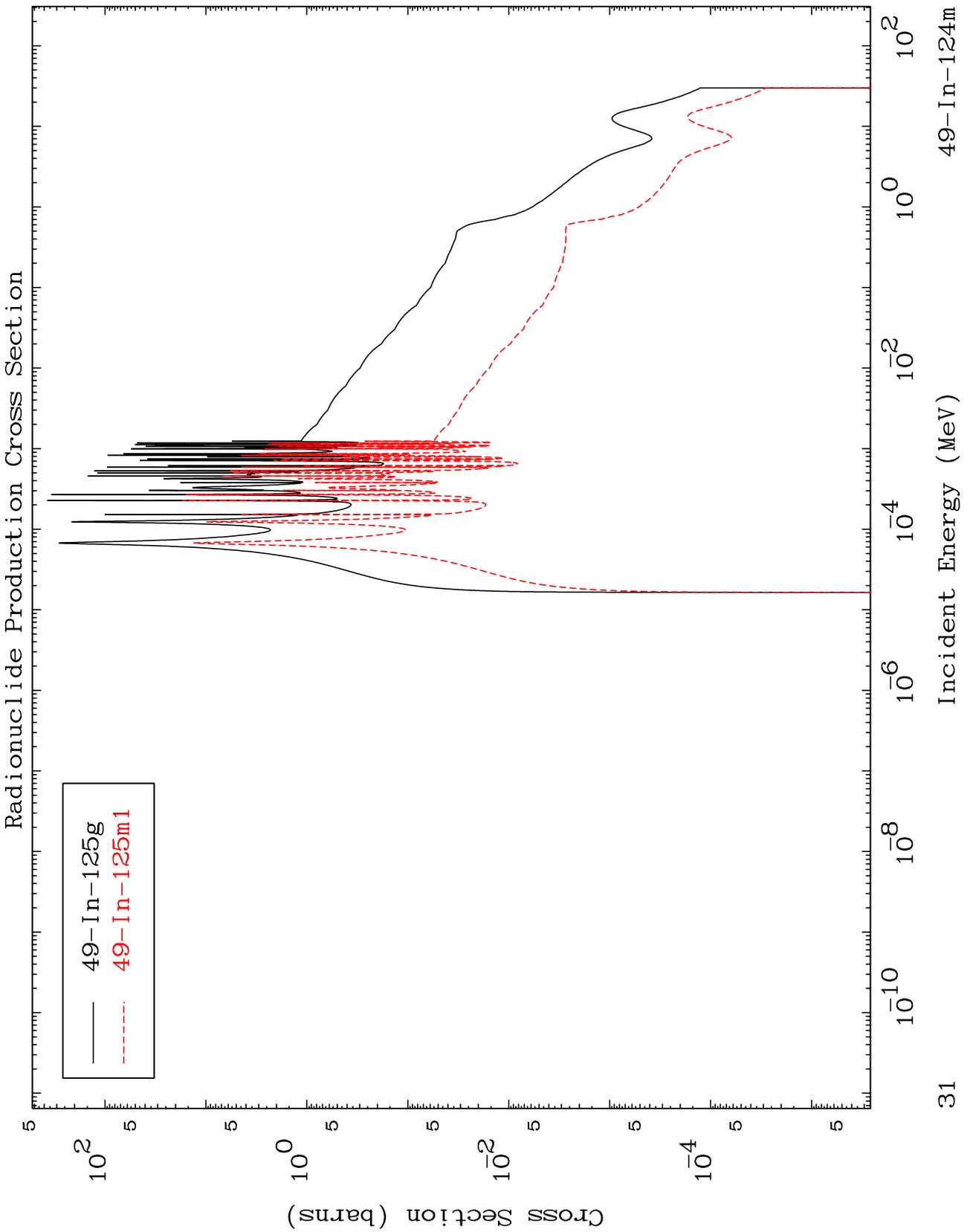
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Incident Energy (MeV)

49-In-124m

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49-In-124m

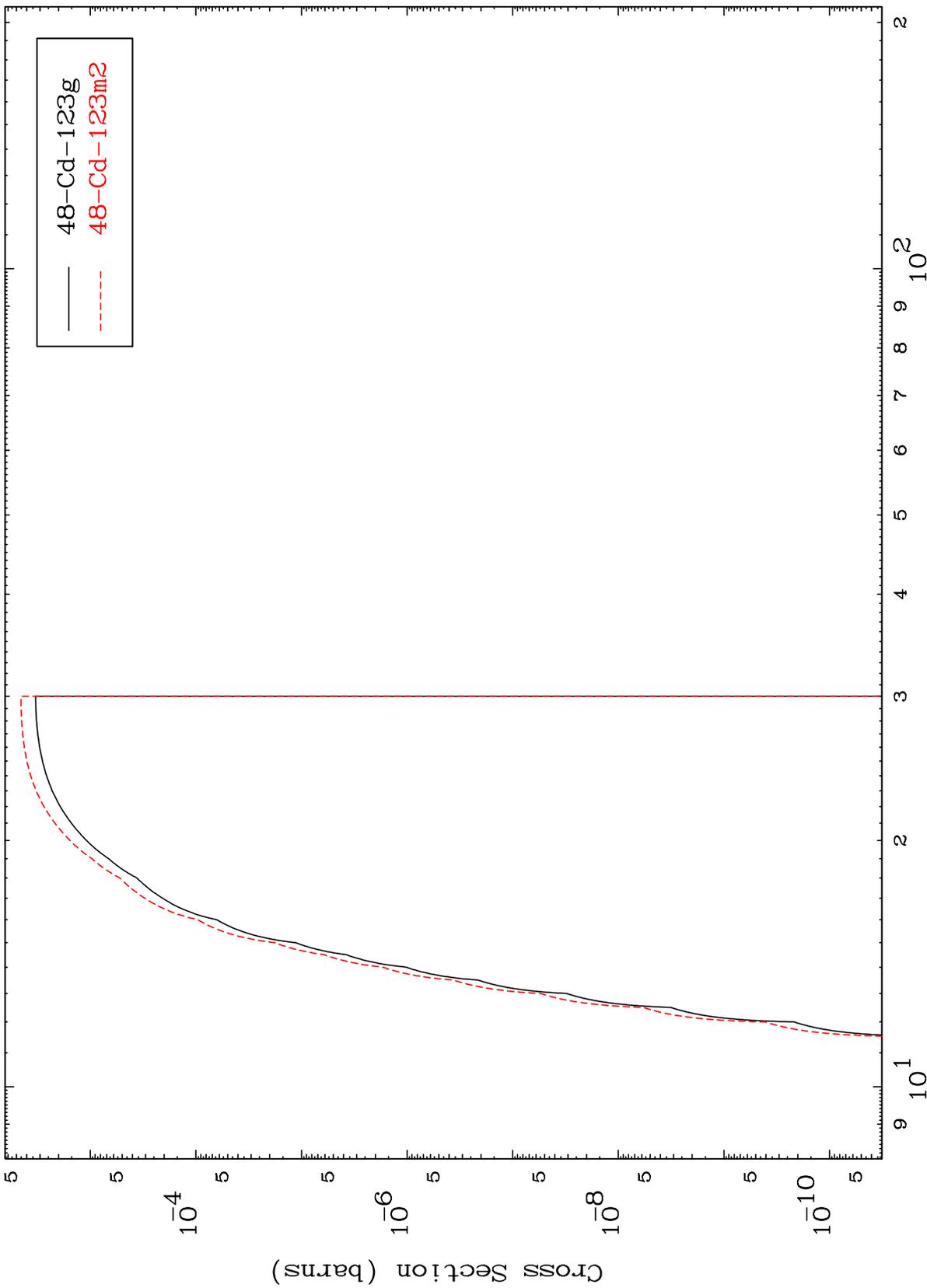


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(n,d)

49-In-124m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-124m

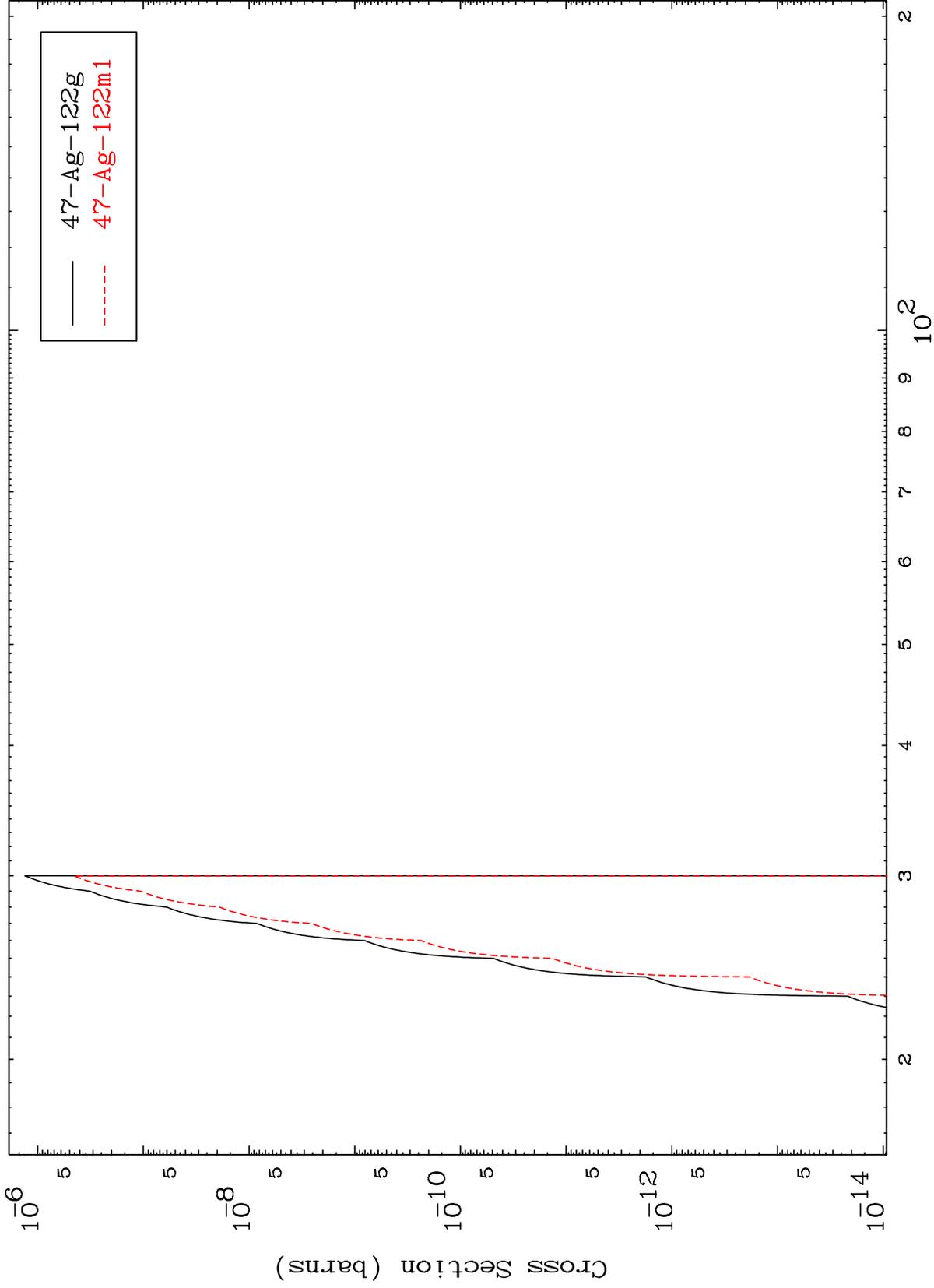
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(n,He-3)

49-In-124m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

49-In-124m