

Program EVALPLOT
(Version 2018-1)

by

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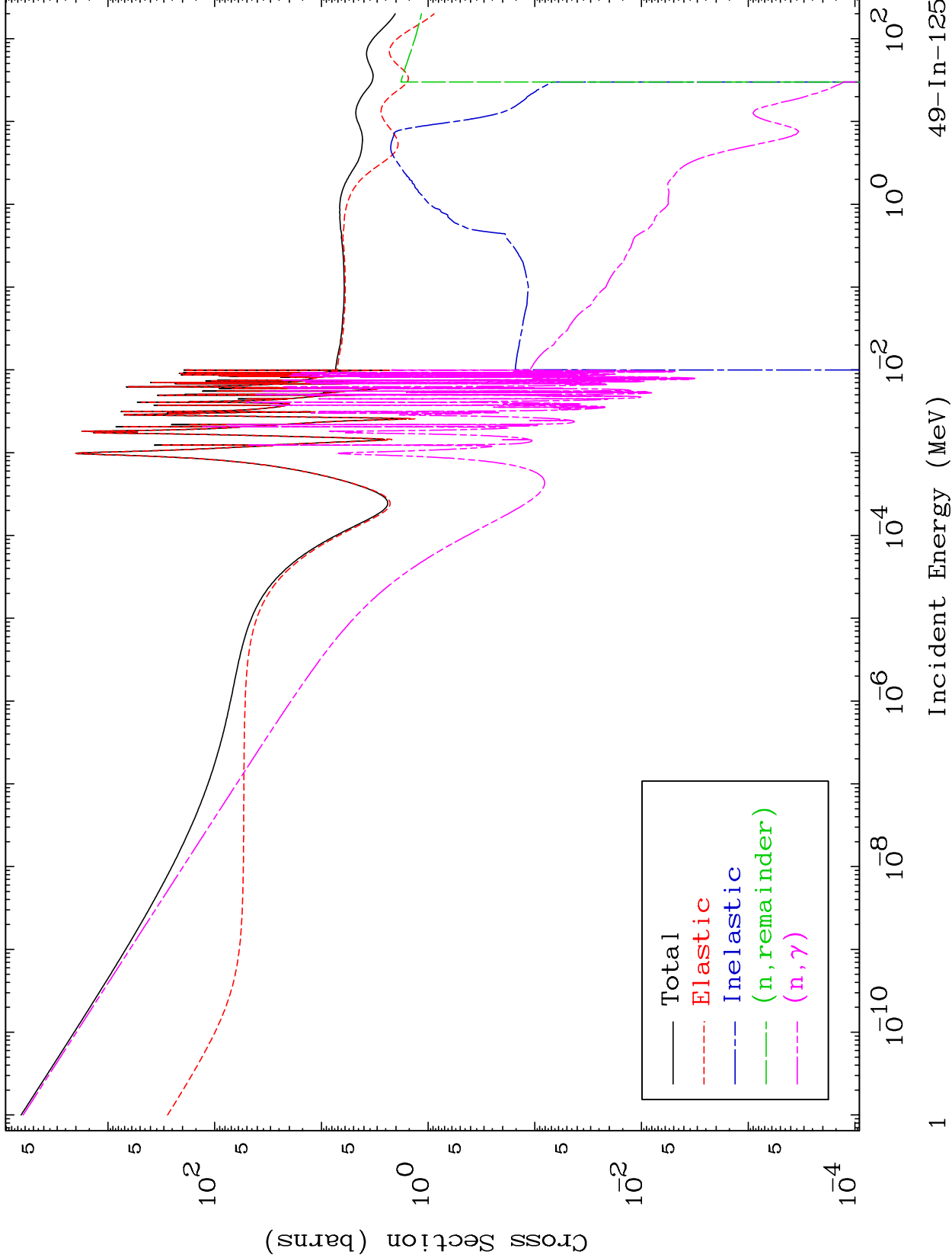
Press Mouse Button to Start

MAT 4962

Major

293 Kelvin Cross Sections

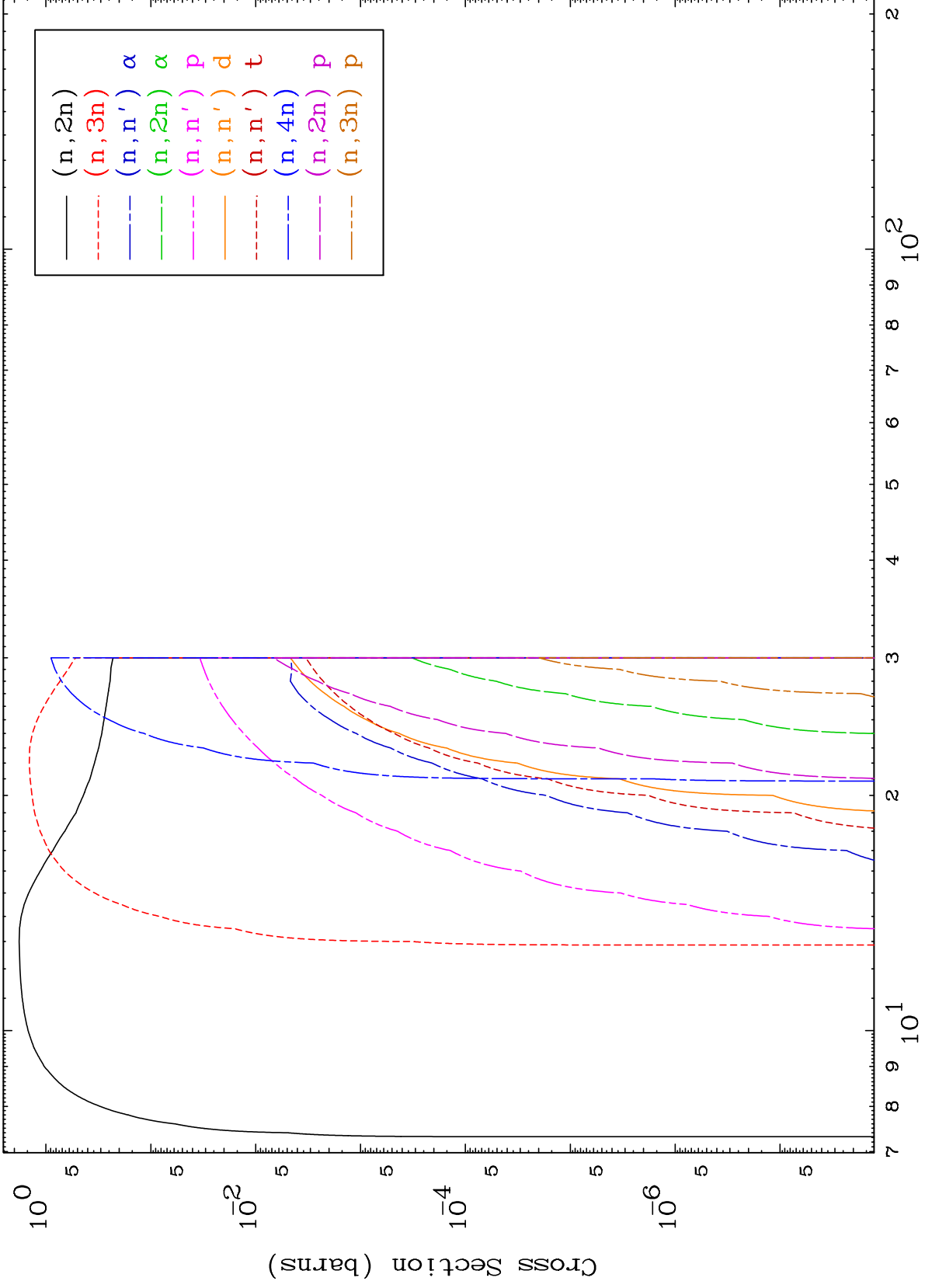
49-In-125

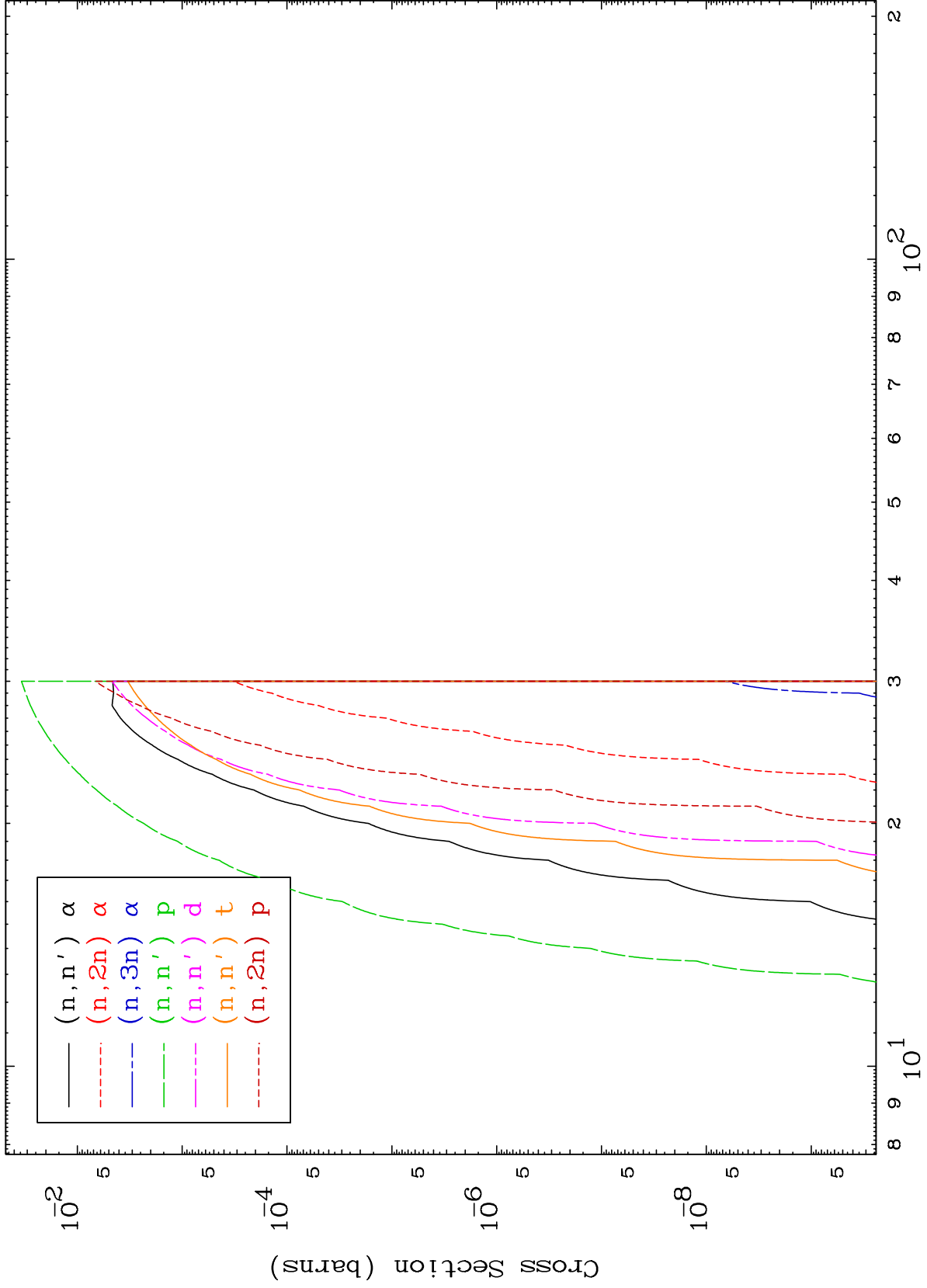


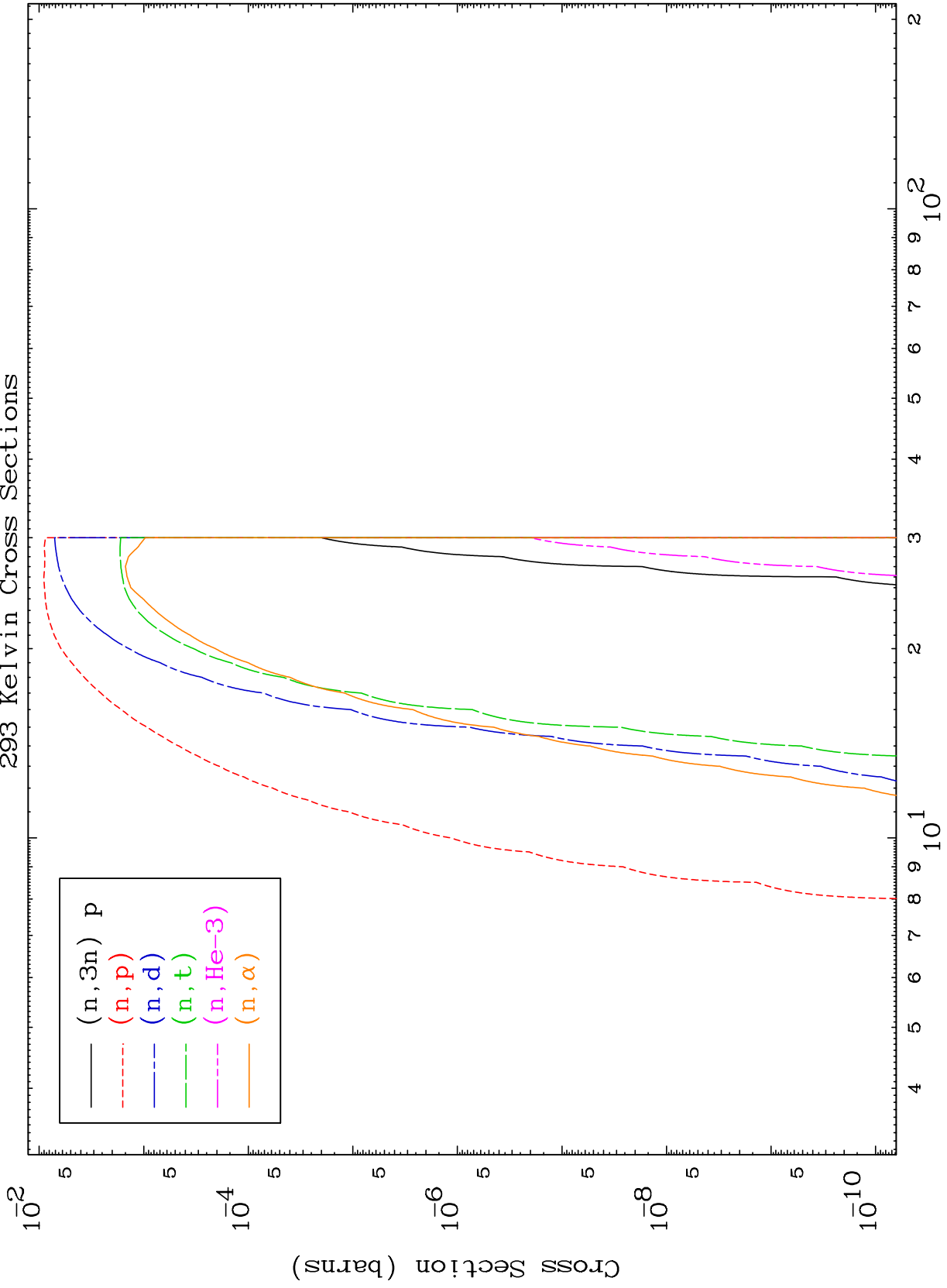
MAT 4962

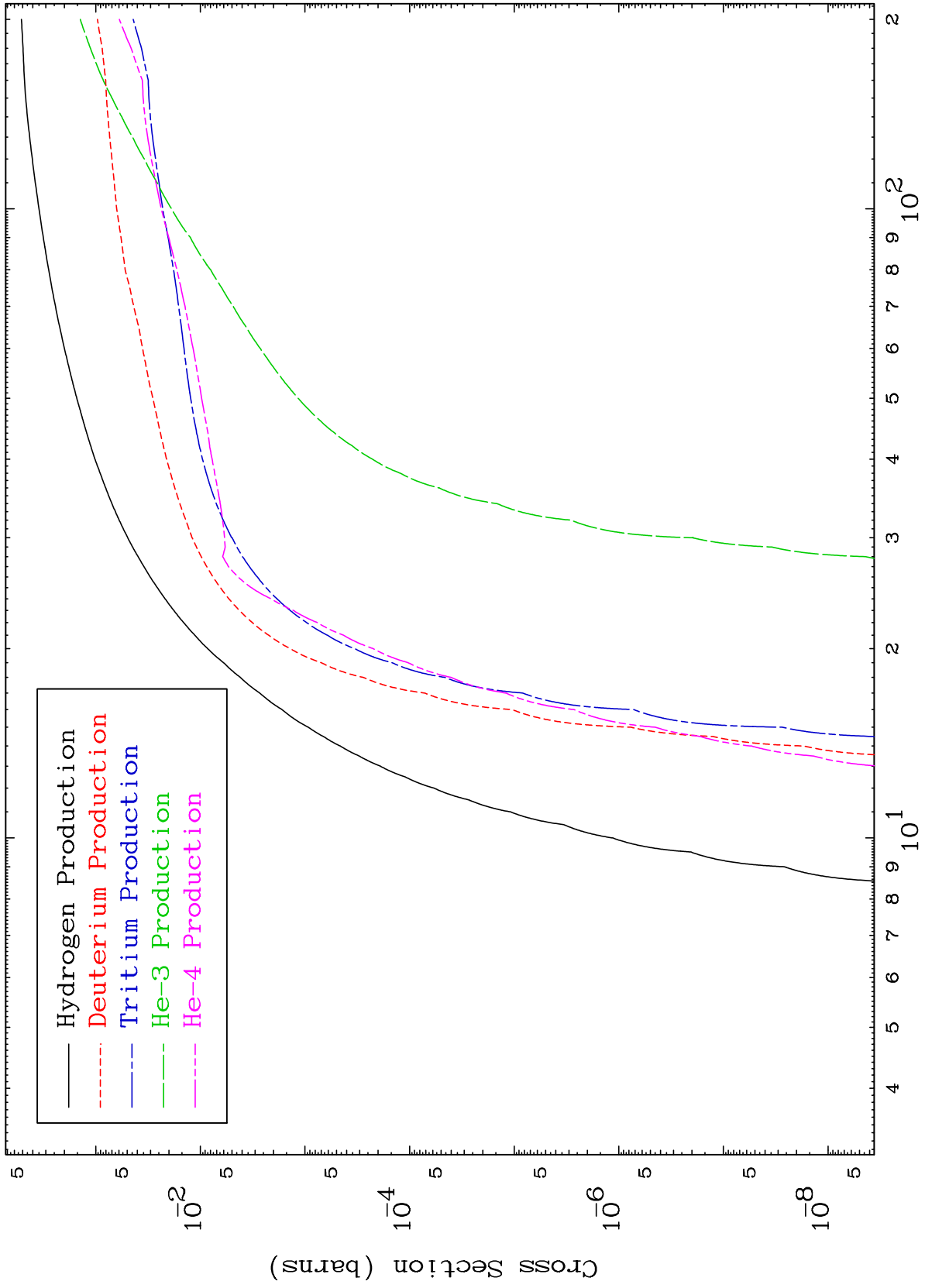
Neutron Production
293 Kelvin Cross Sections

49-In-125





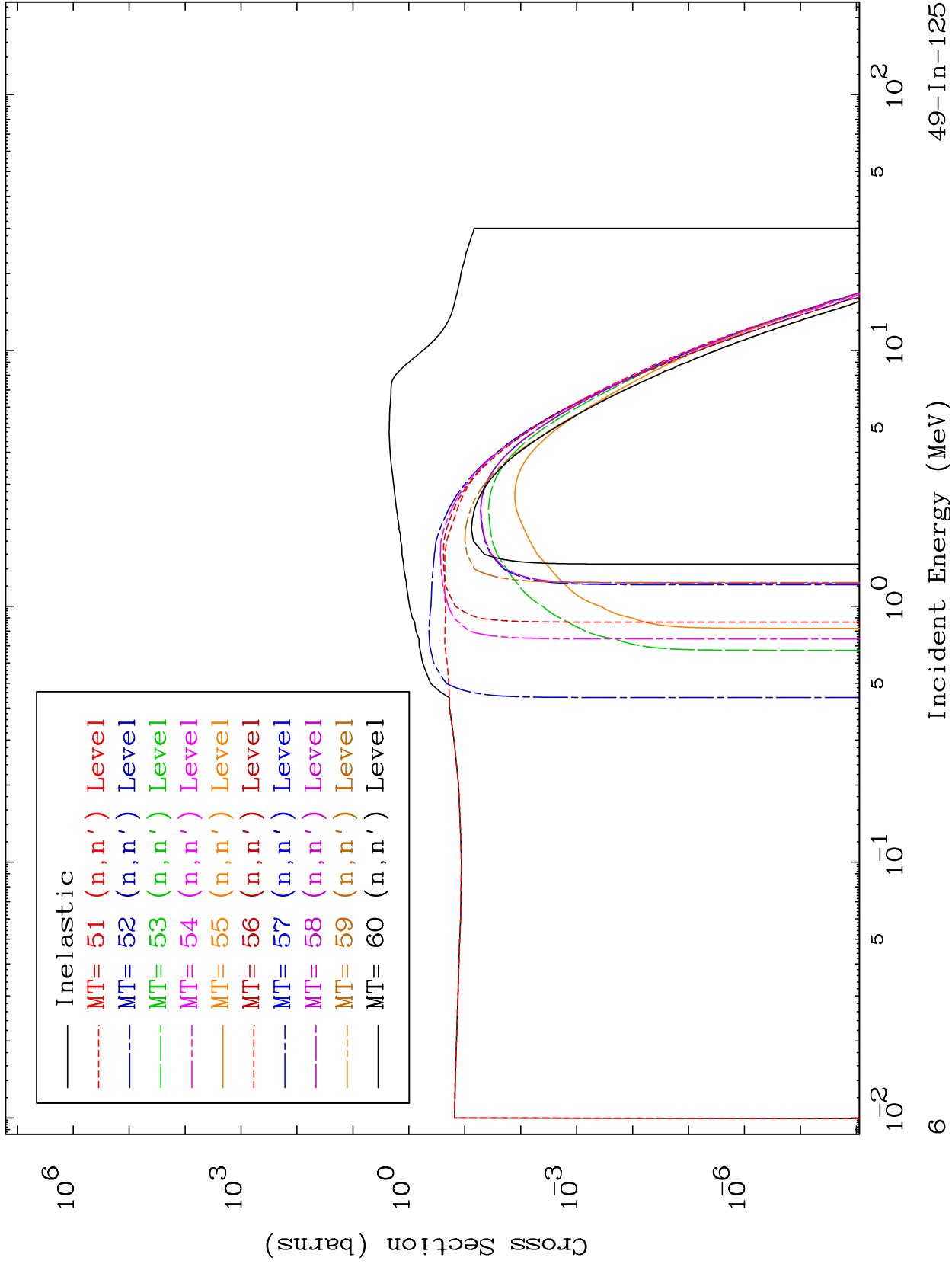




MAT 4962

(n,n') Level
293 Kelvin Cross Sections

49-In-125



49-In-125

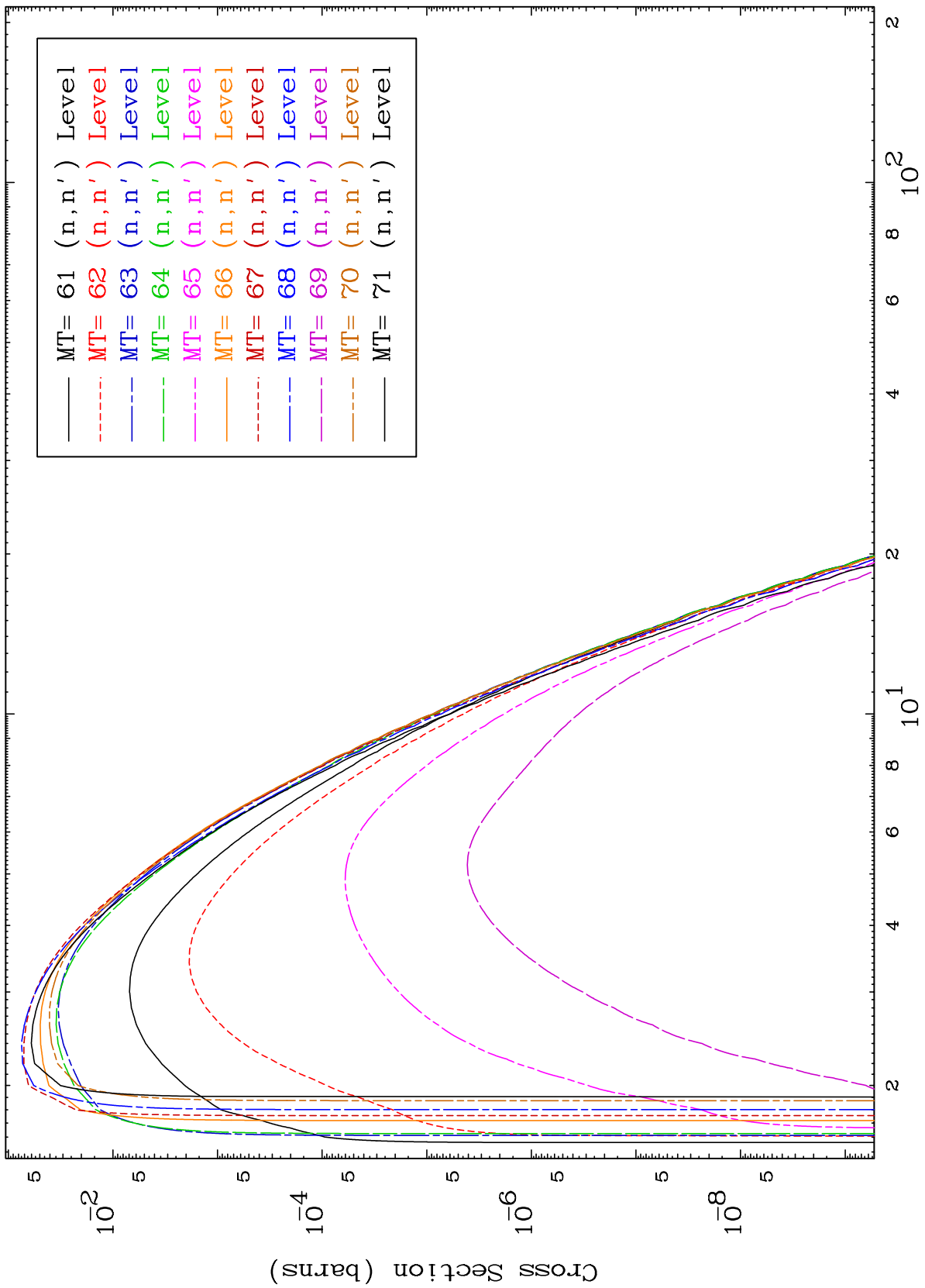
Incident Energy (MeV)

MAT 4962

(n,n') Level

49-In-125

293 Kelvin Cross Sections



7

Incident Energy (MeV)

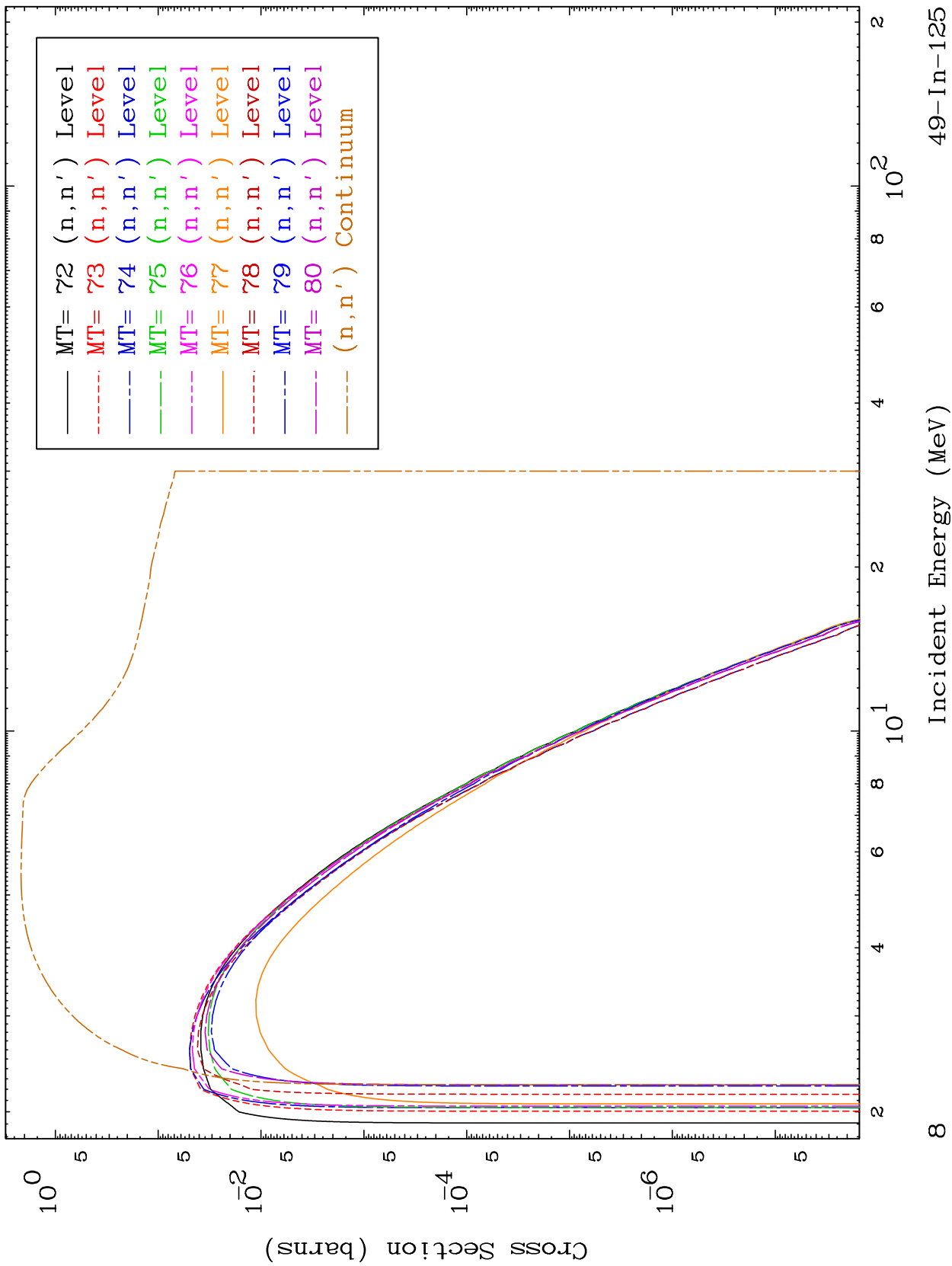
49-In-125

MAT 4962

(n,n') Level

49-In-125

293 Kelvin Cross Sections



8

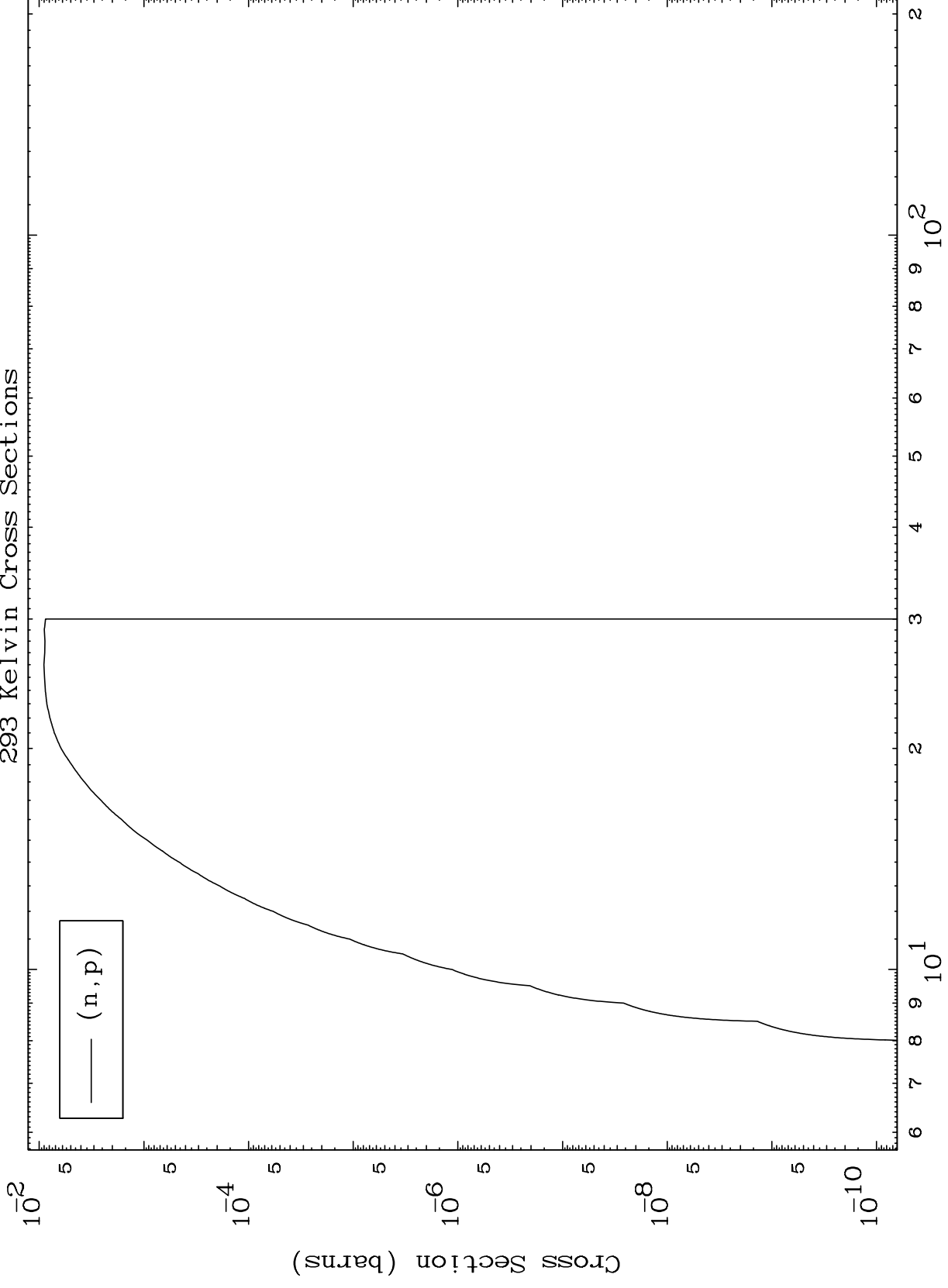
Incident Energy (MeV)

49-In-125

MAT 4962

(n,p) Levels
293 Kelvin Cross Sections

49-In-125



9

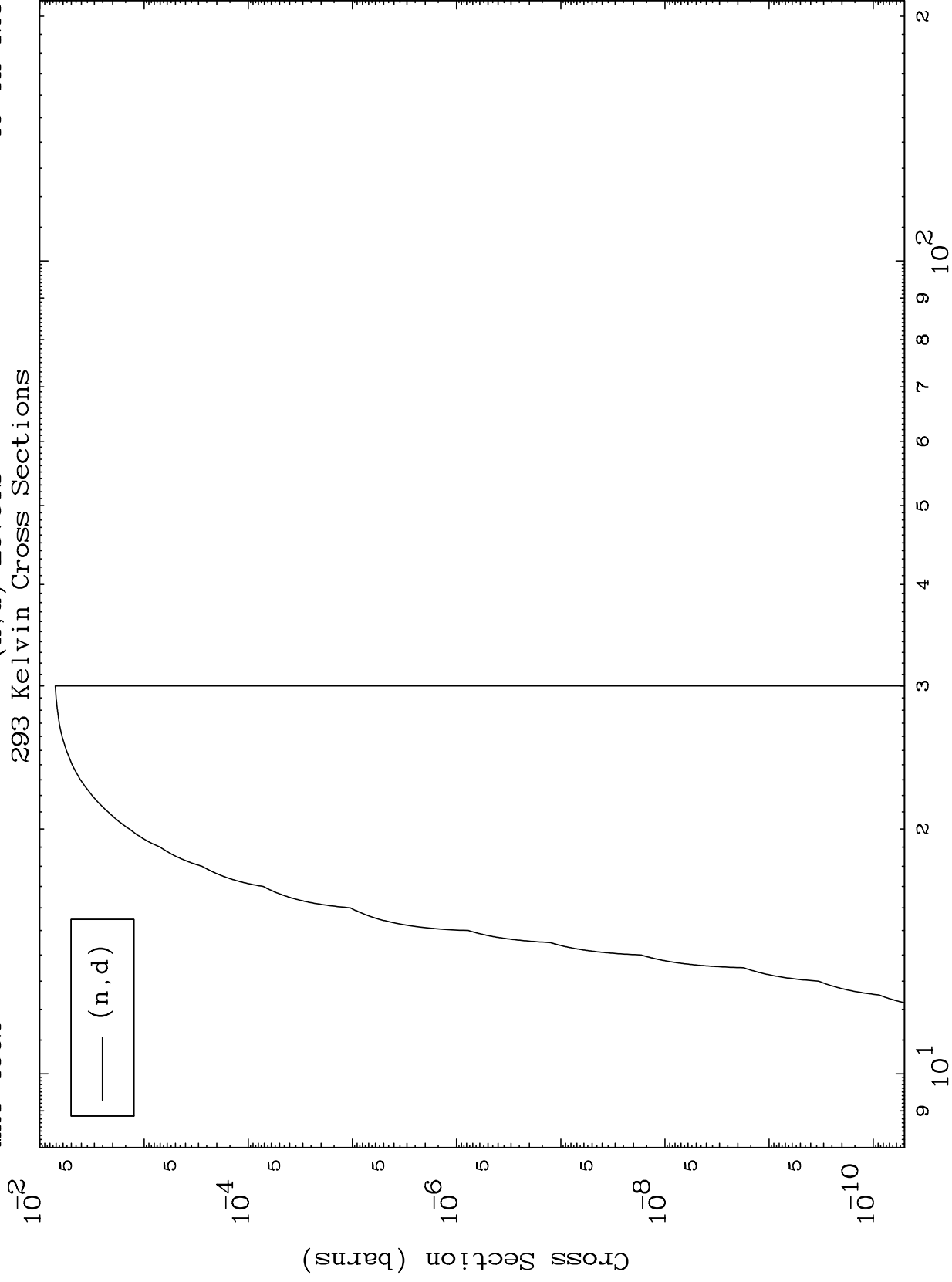
Incident Energy (MeV)

49-In-125

MAT 4962

(n,d) Levels
293 Kelvin Cross Sections

49-In-125



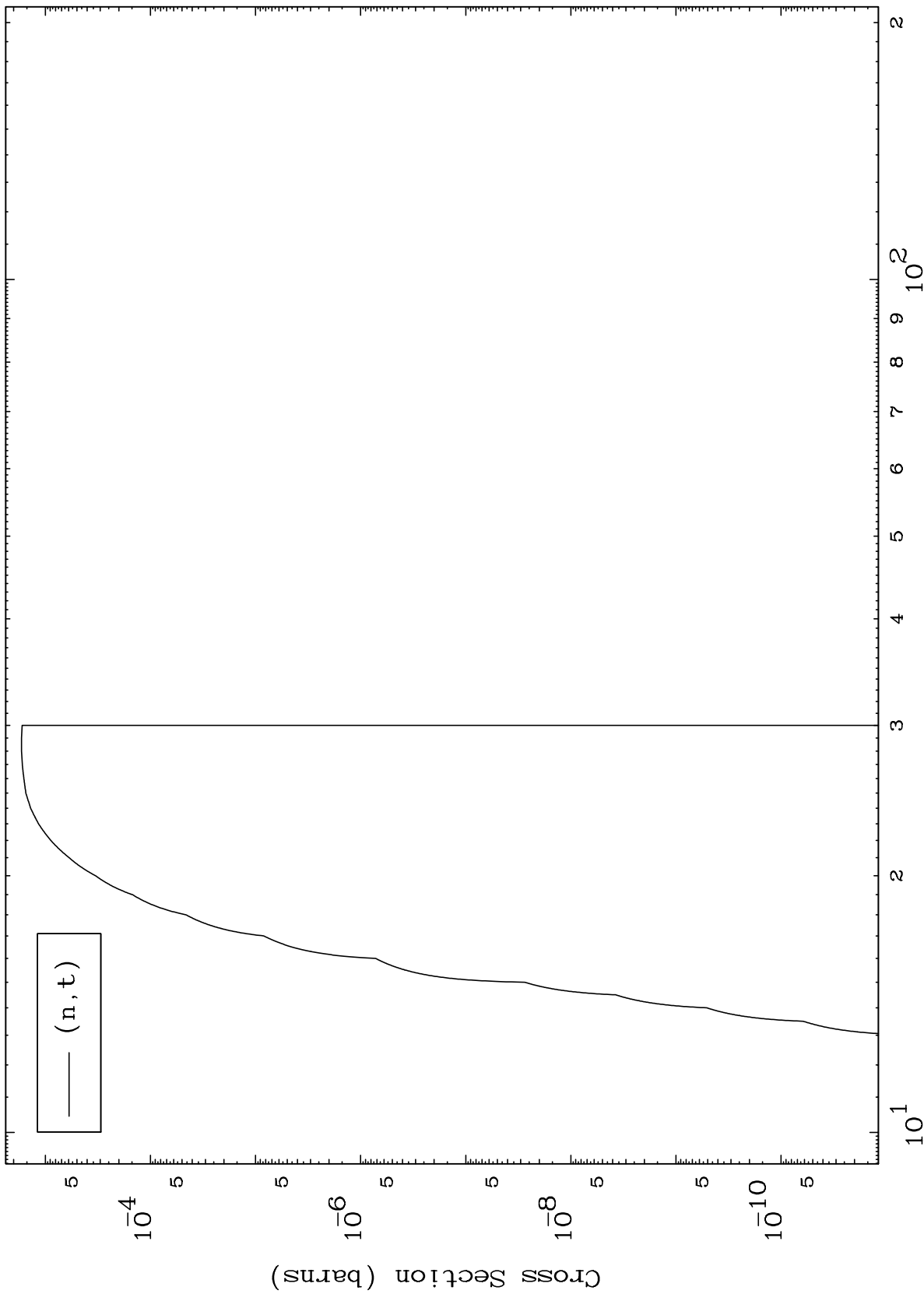
49-In-125

Incident Energy (MeV)

MAT 4962

(n,t) Levels
293 Kelvin Cross Sections

49-In-125



11

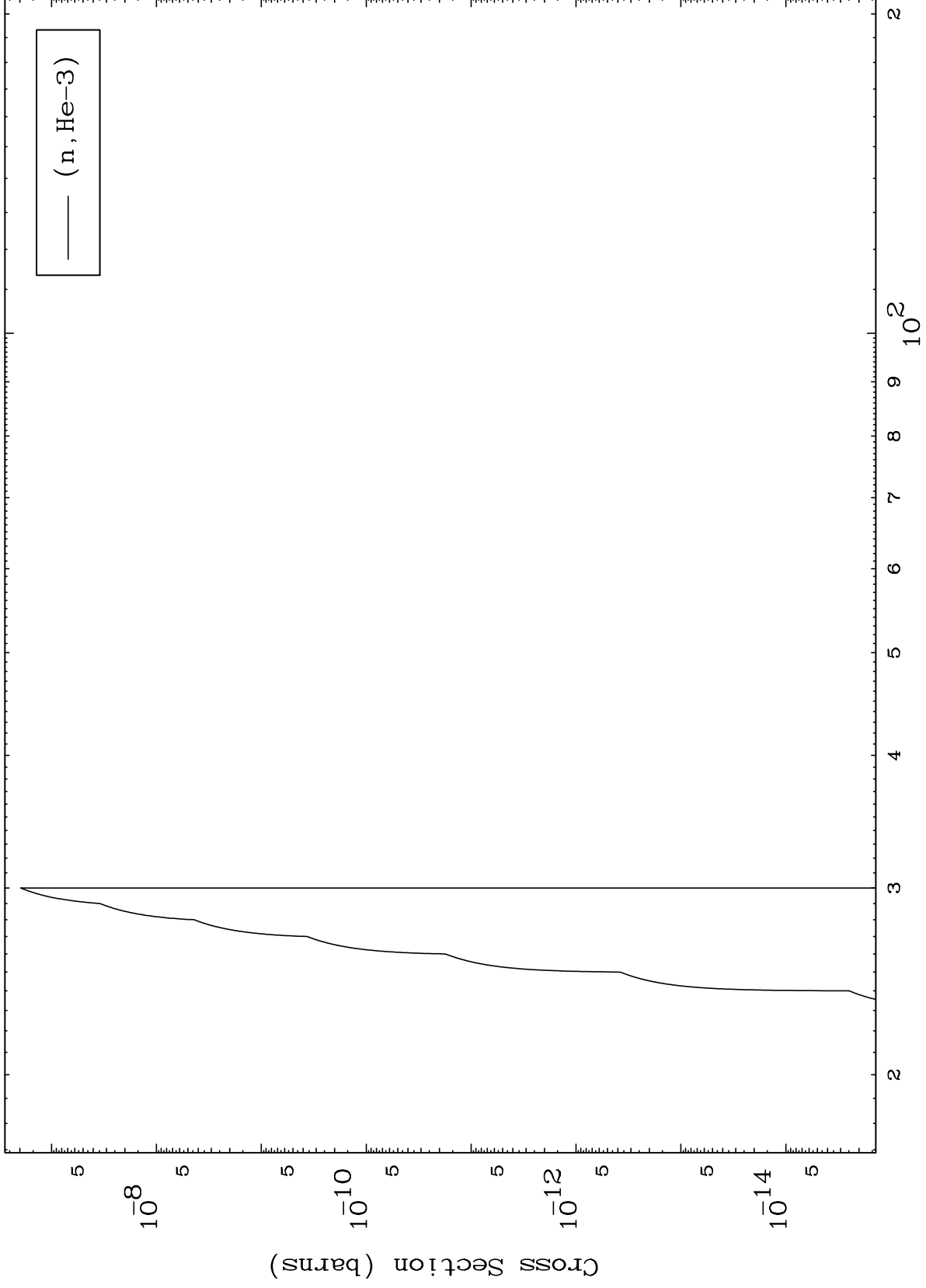
Incident Energy (MeV)

49-In-125

MAT 4962

(n,He3) Levels
293 Kelvin Cross Sections

49-In-125



12

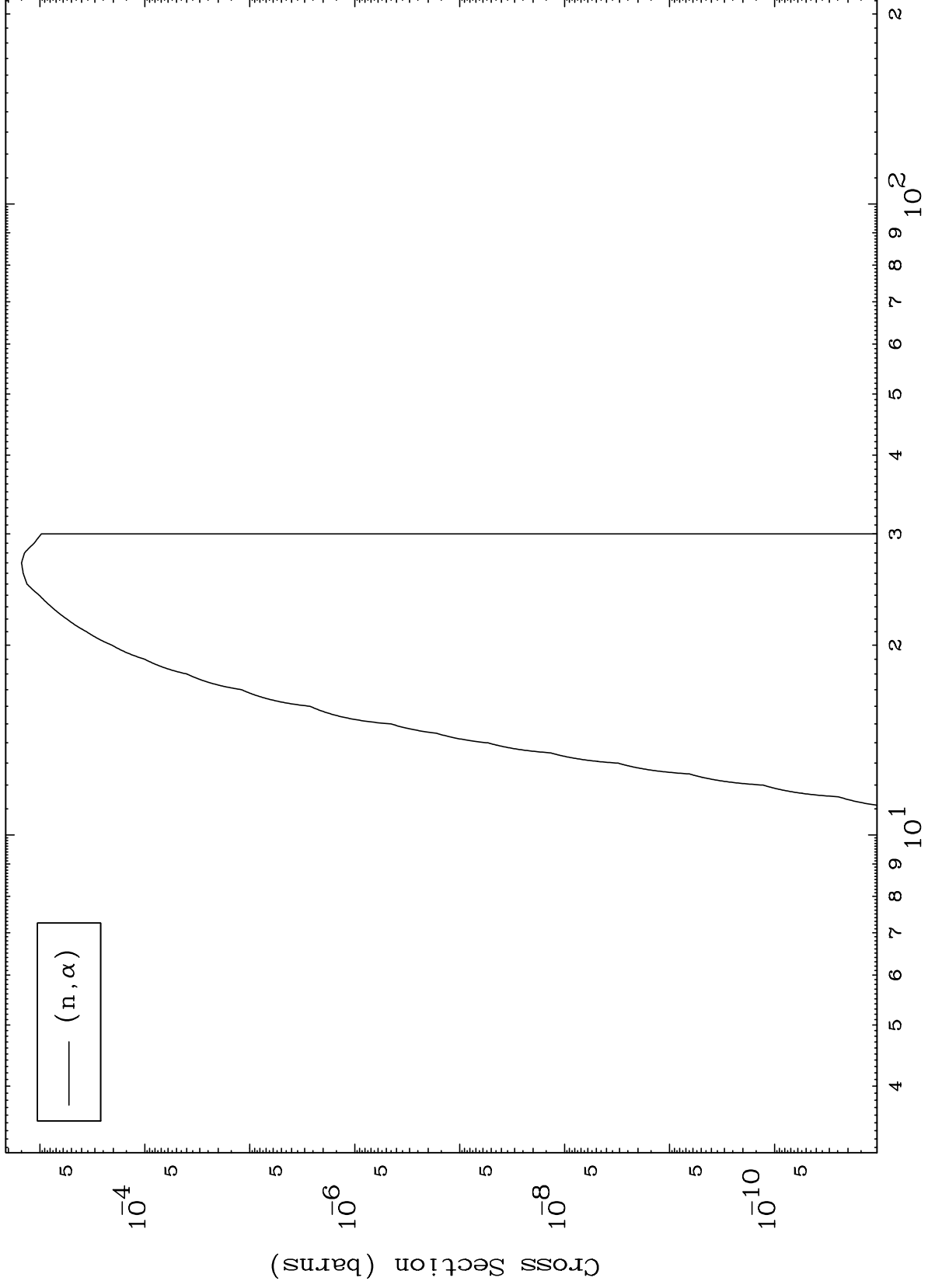
Incident Energy (MeV)

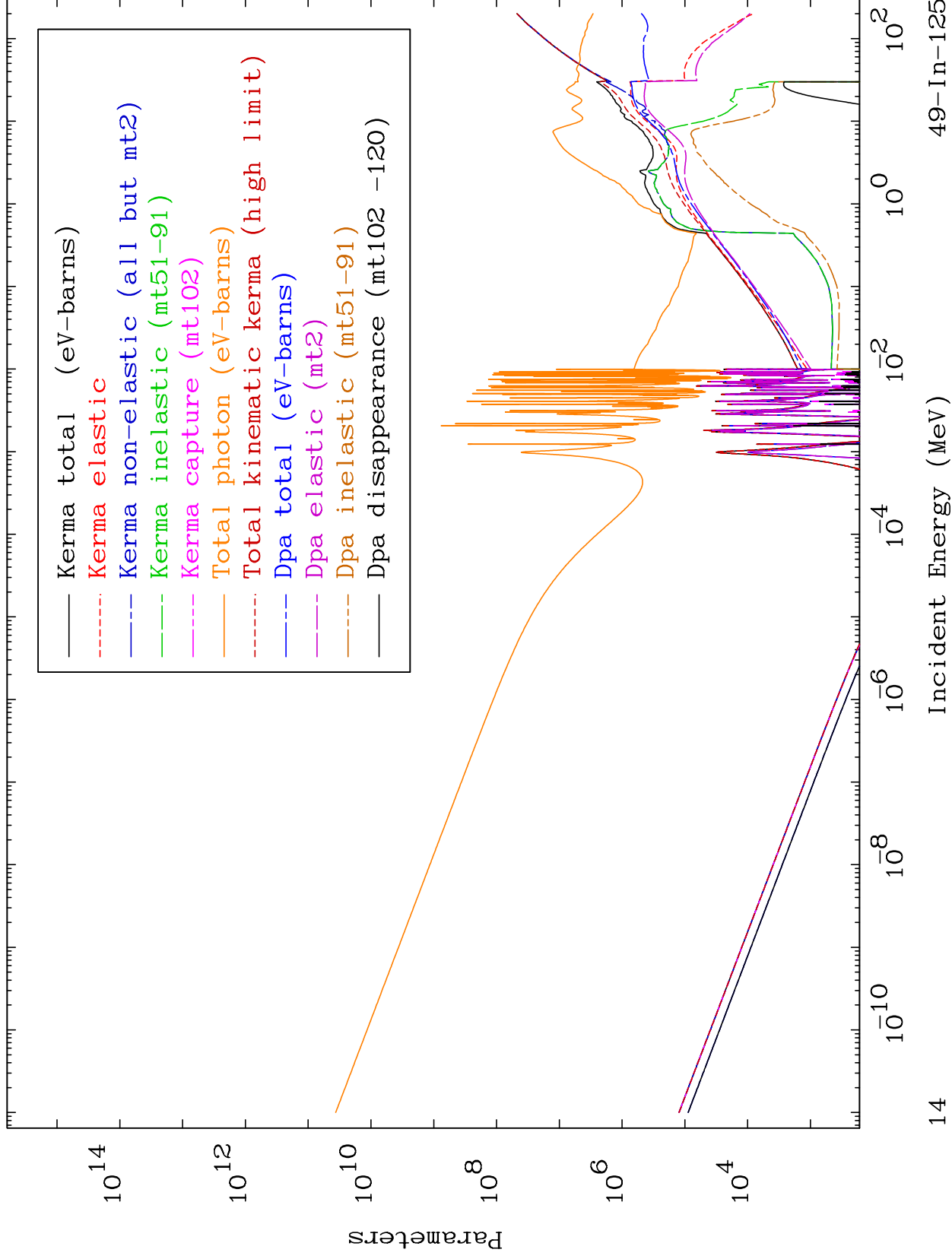
49-In-125

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(n, α) Levels
293 Kelvin Cross Sections

49-In-125

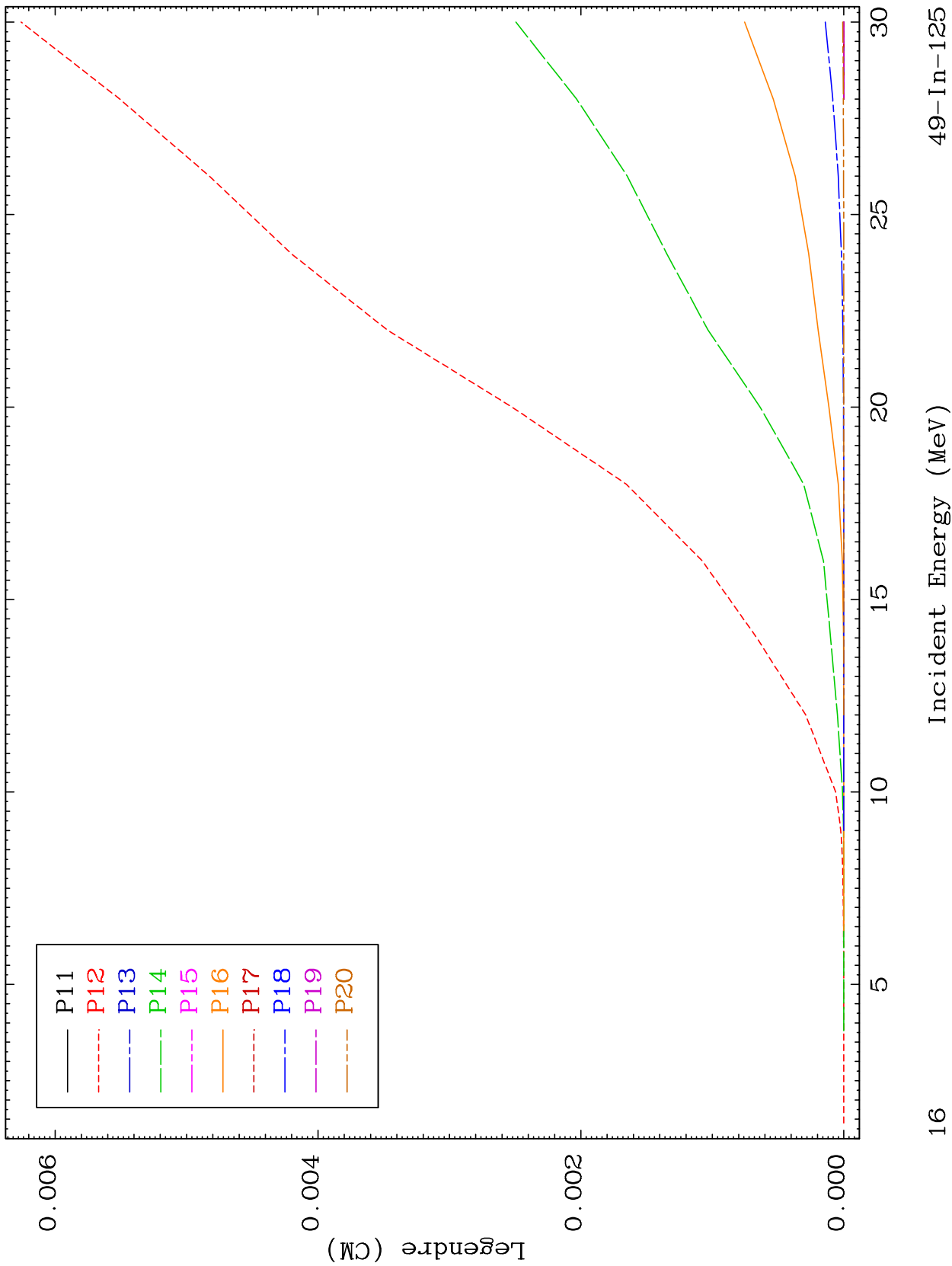




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Elastic Legendre Coefficients

49-In-125



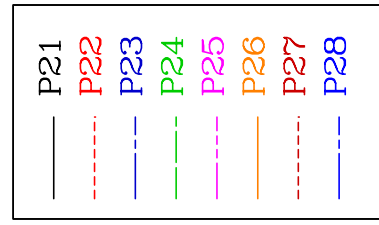
16

49-In-125

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Elastic
Legendre Coefficients

49-In-125



$\times 10^{-7}$

Legendre (CM)

3

2

1

0

17

18

20

22

24

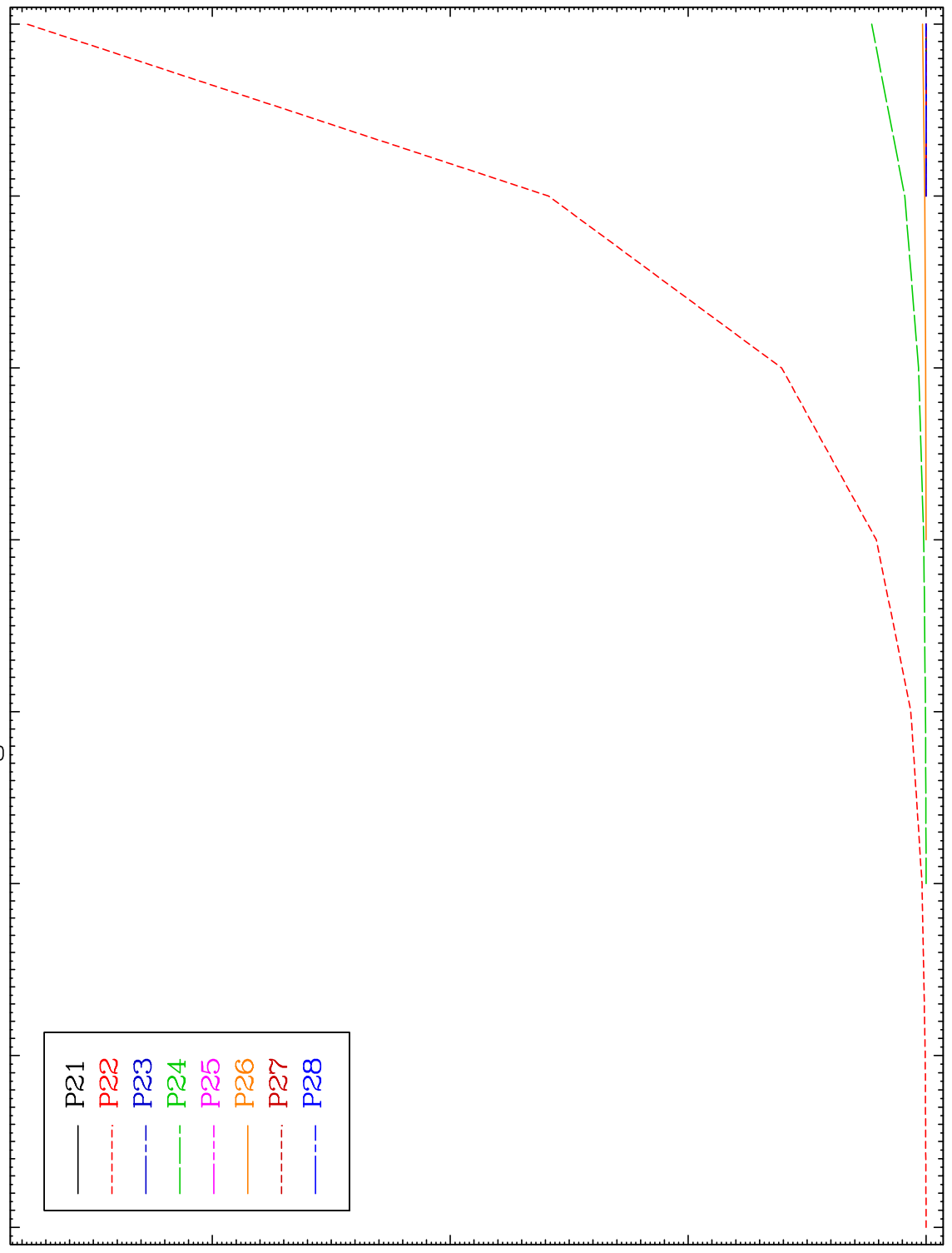
26

28

30

49-In-125

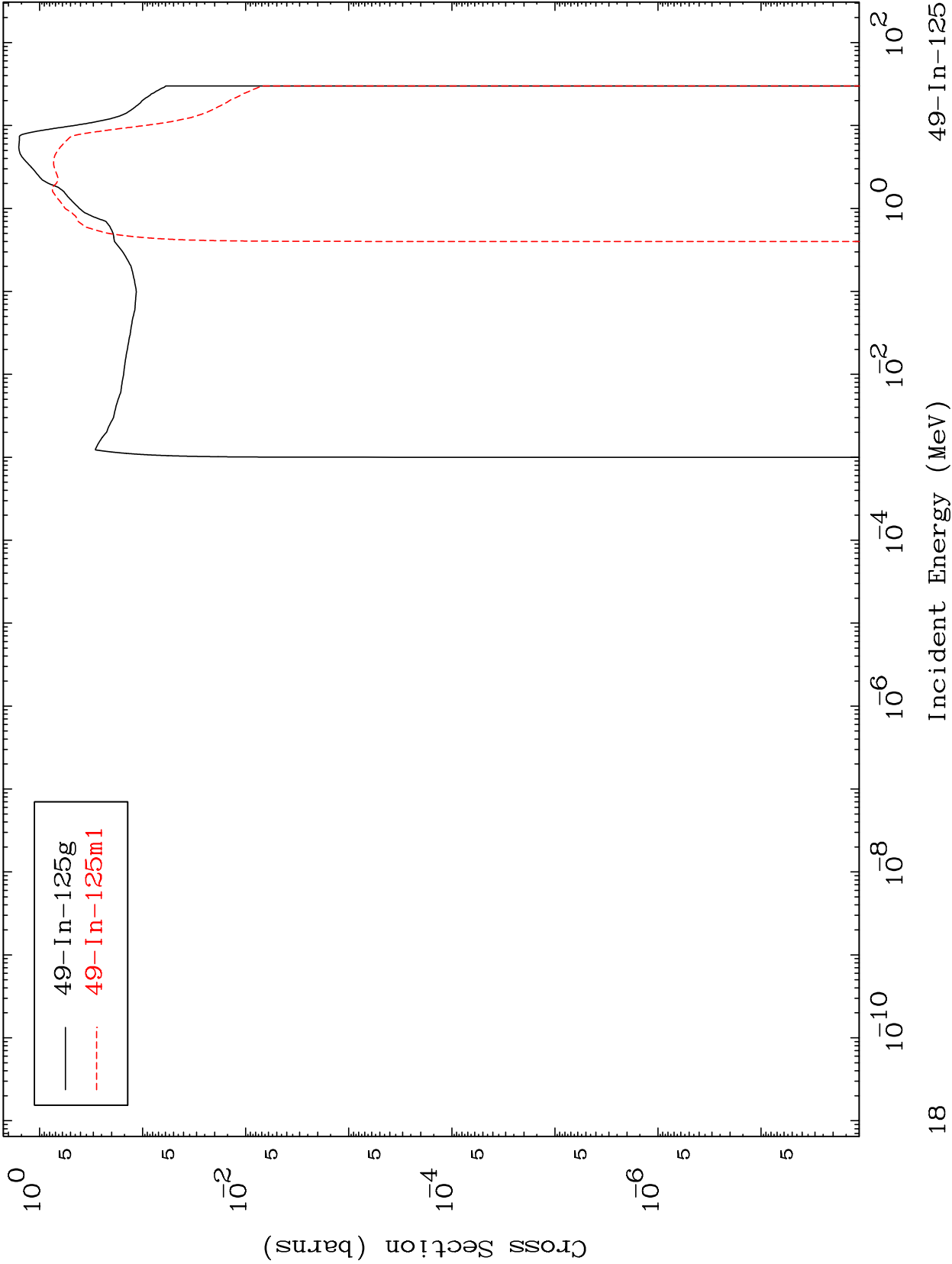
Incident Energy (MeV)



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Inelastic
Radionuclide Production Cross Section

49-In-125

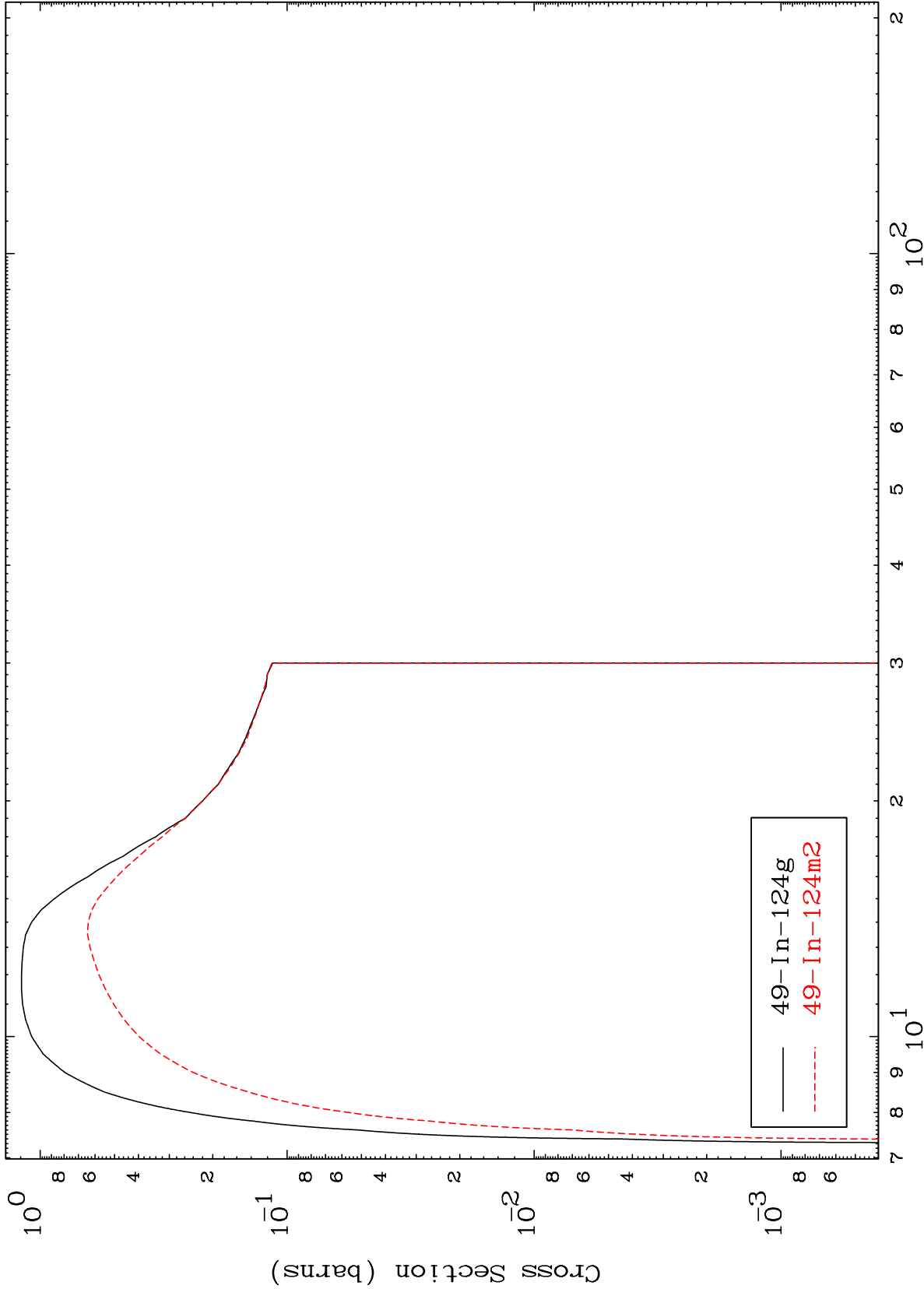


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(n,2n)

49-In-125

Radionuclide Production Cross Section



19

Incident Energy (MeV)

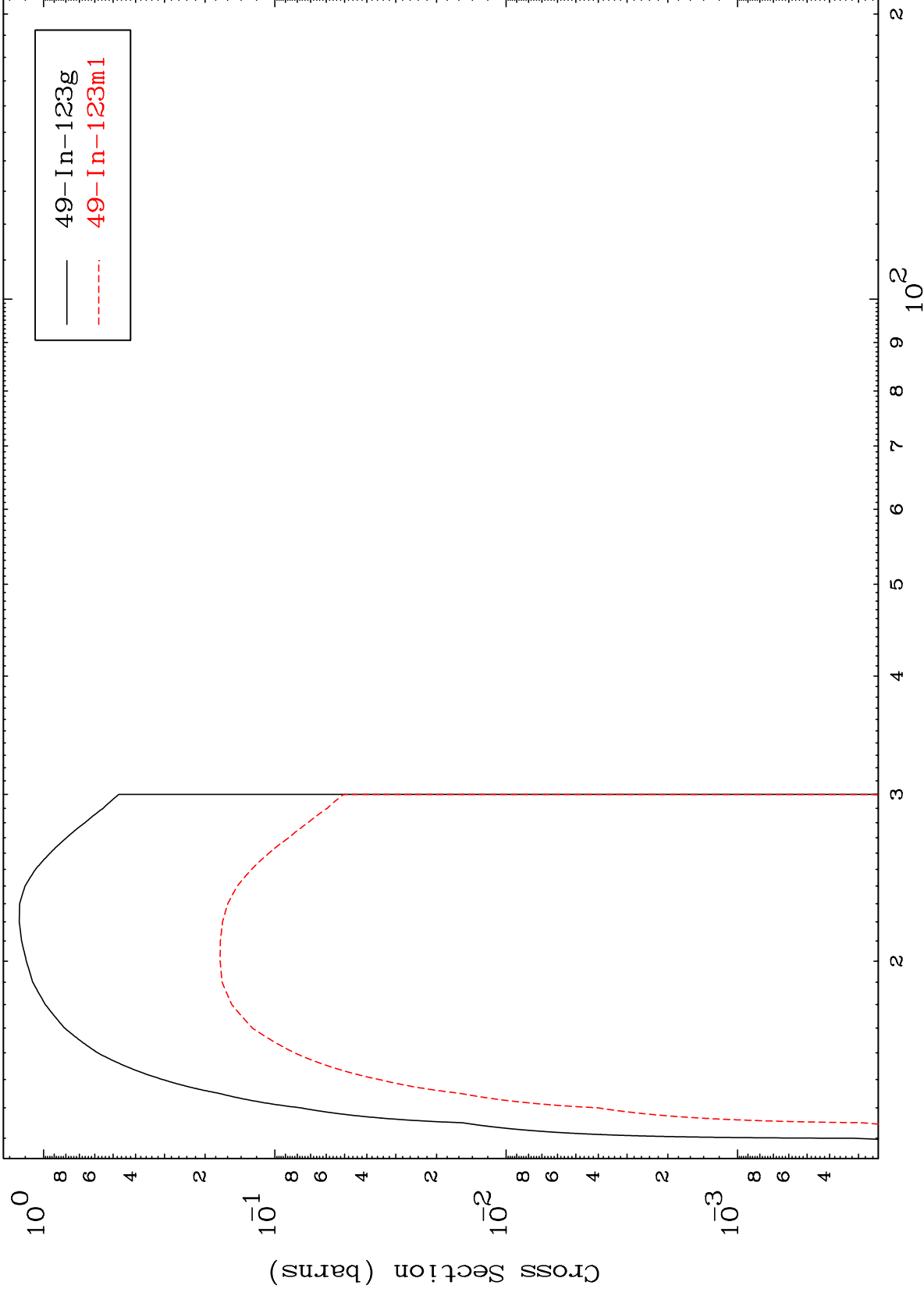
49-In-125

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(n,3n)

49-In-125

Radionuclide Production Cross Section

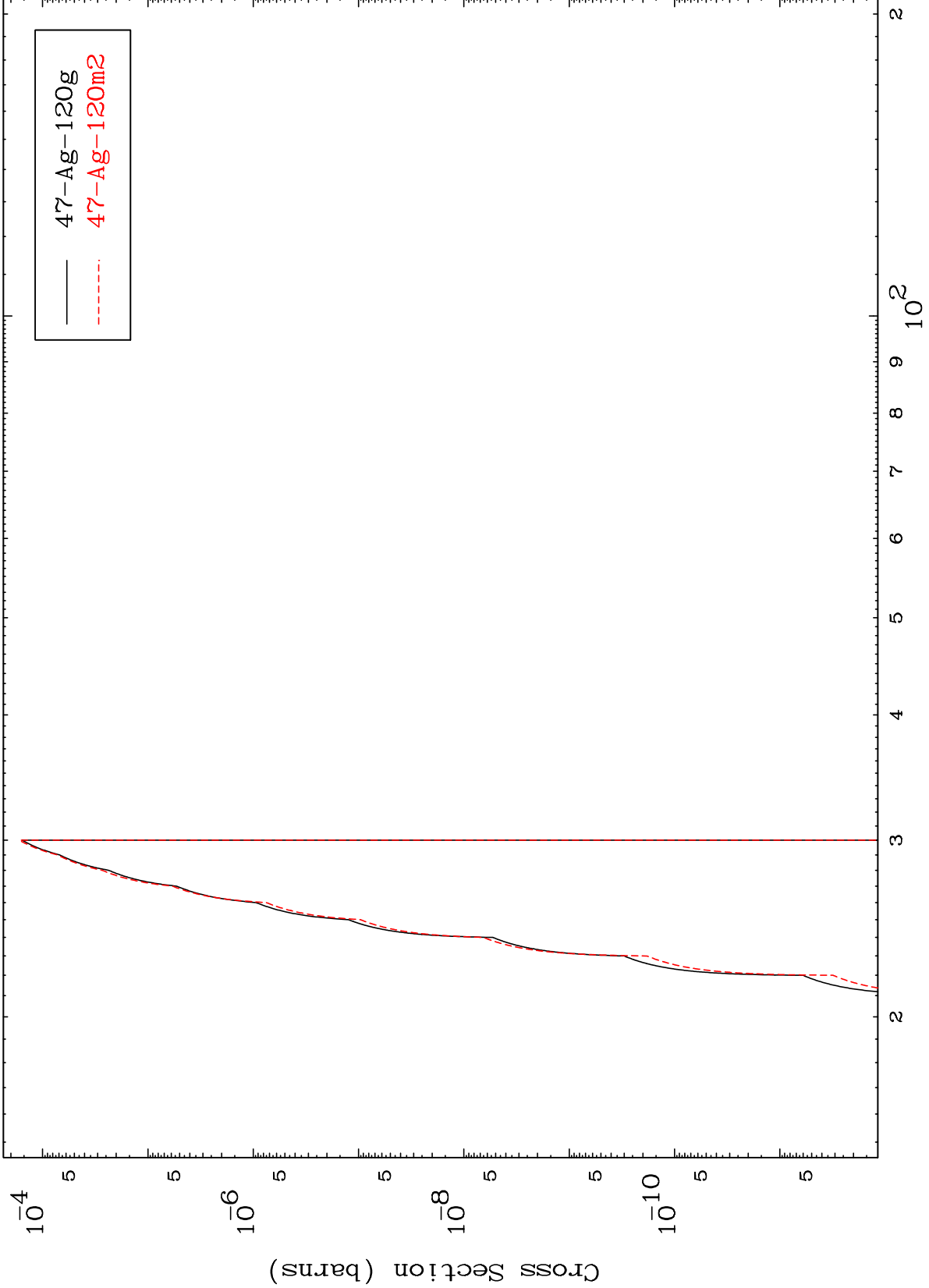


20

Incident Energy (MeV)

49-In-125

Radionuclide Production Cross Section

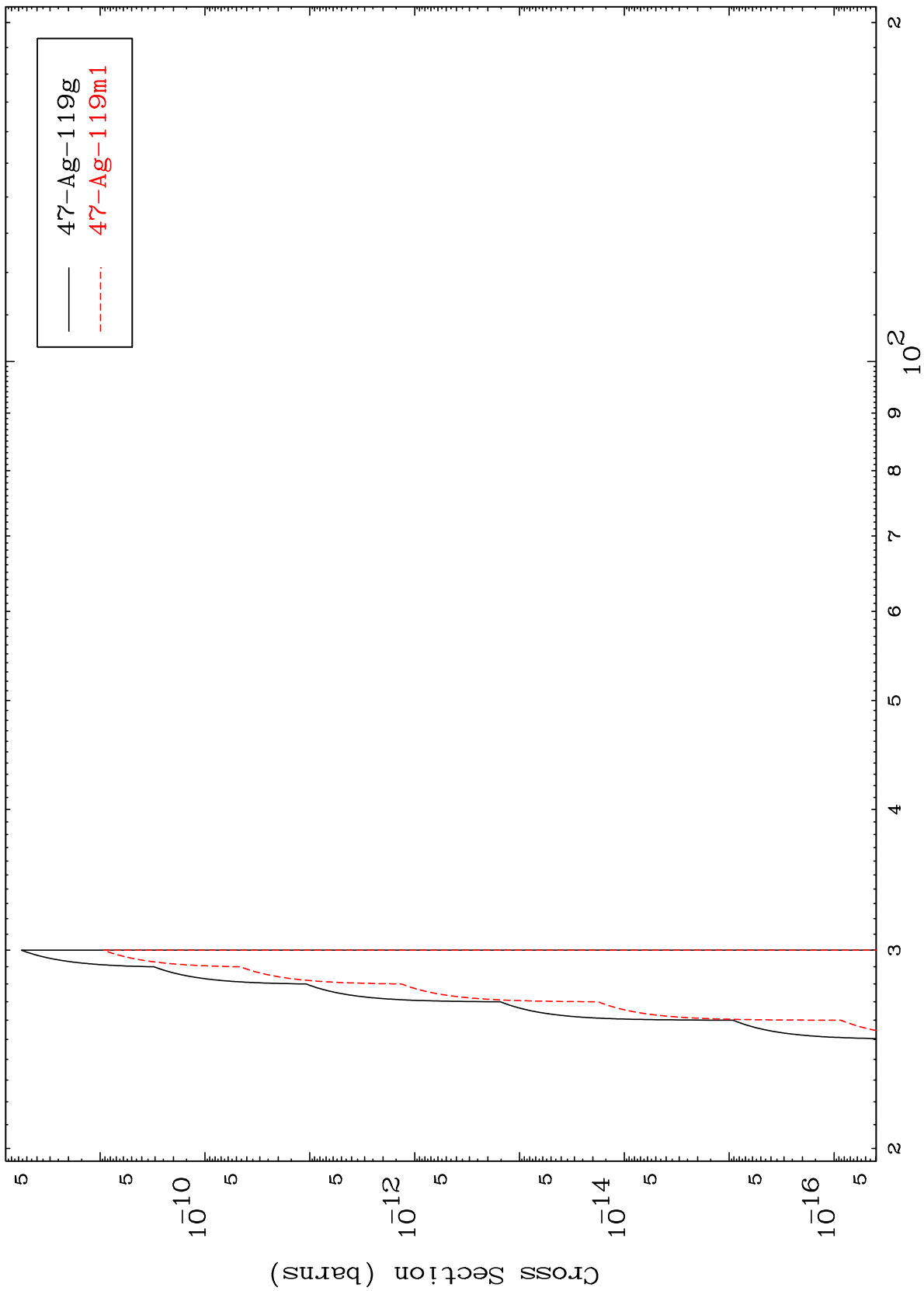


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(n,3n) α

49-In-125

Radionuclide Production Cross Section

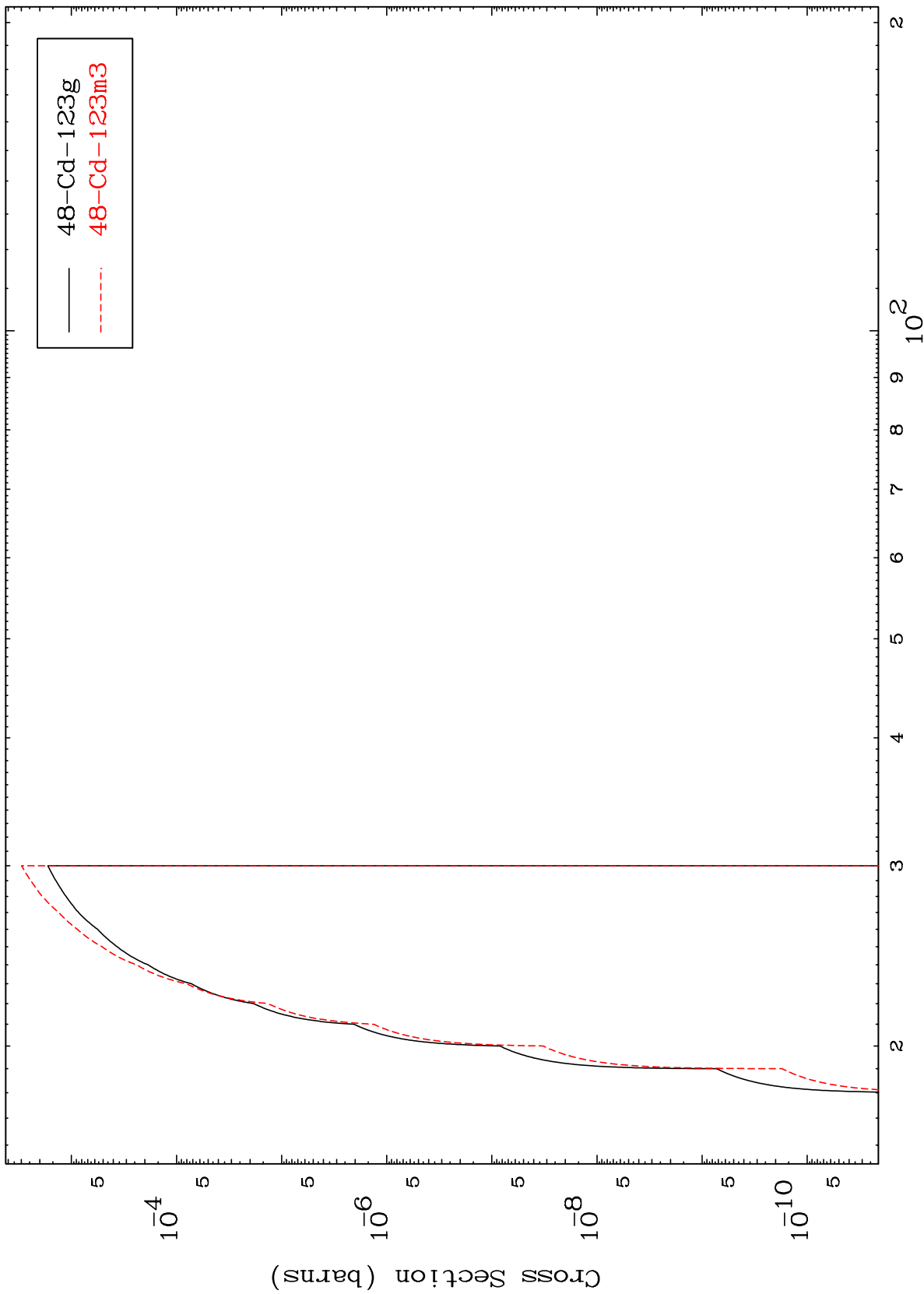


22

Incident Energy (MeV)

49-In-125

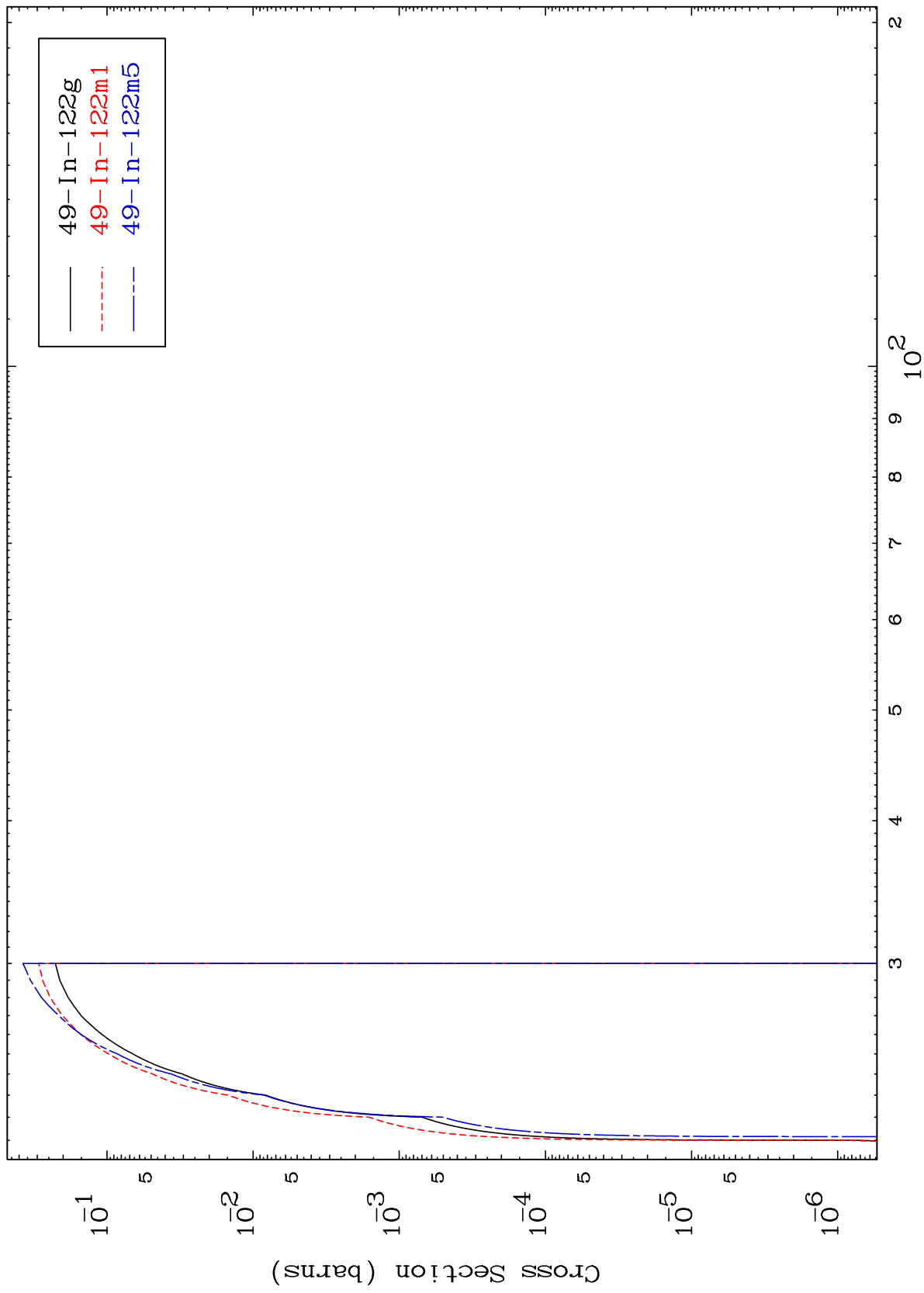
Radionuclide Production Cross Section



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49-In-125

(n,4n)
Radionuclide Production Cross Section



24

49-In-125

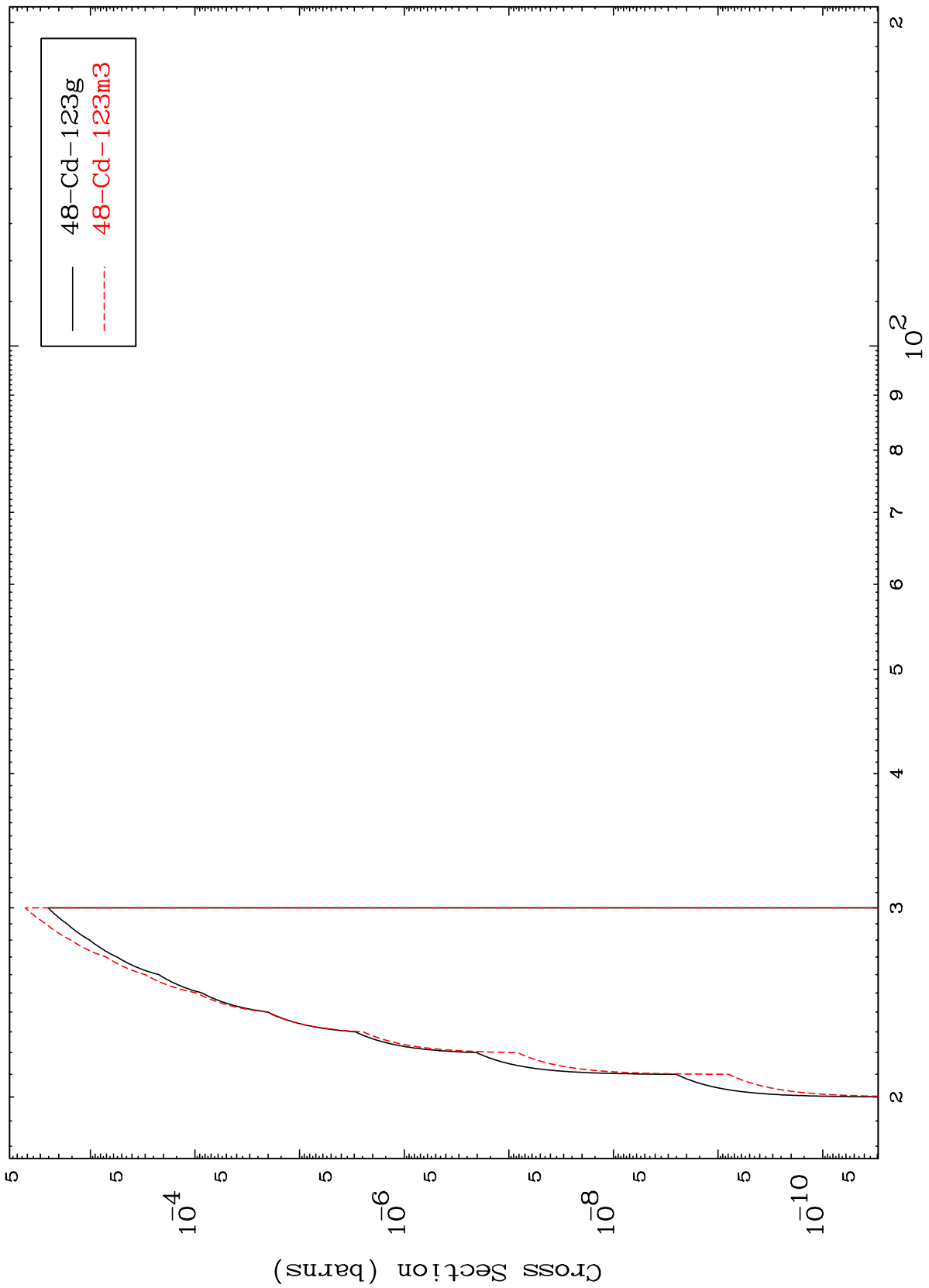
Incident Energy (MeV)

MAT 4962

(n,2n) p

49-In-125

Radionuclide Production Cross Section



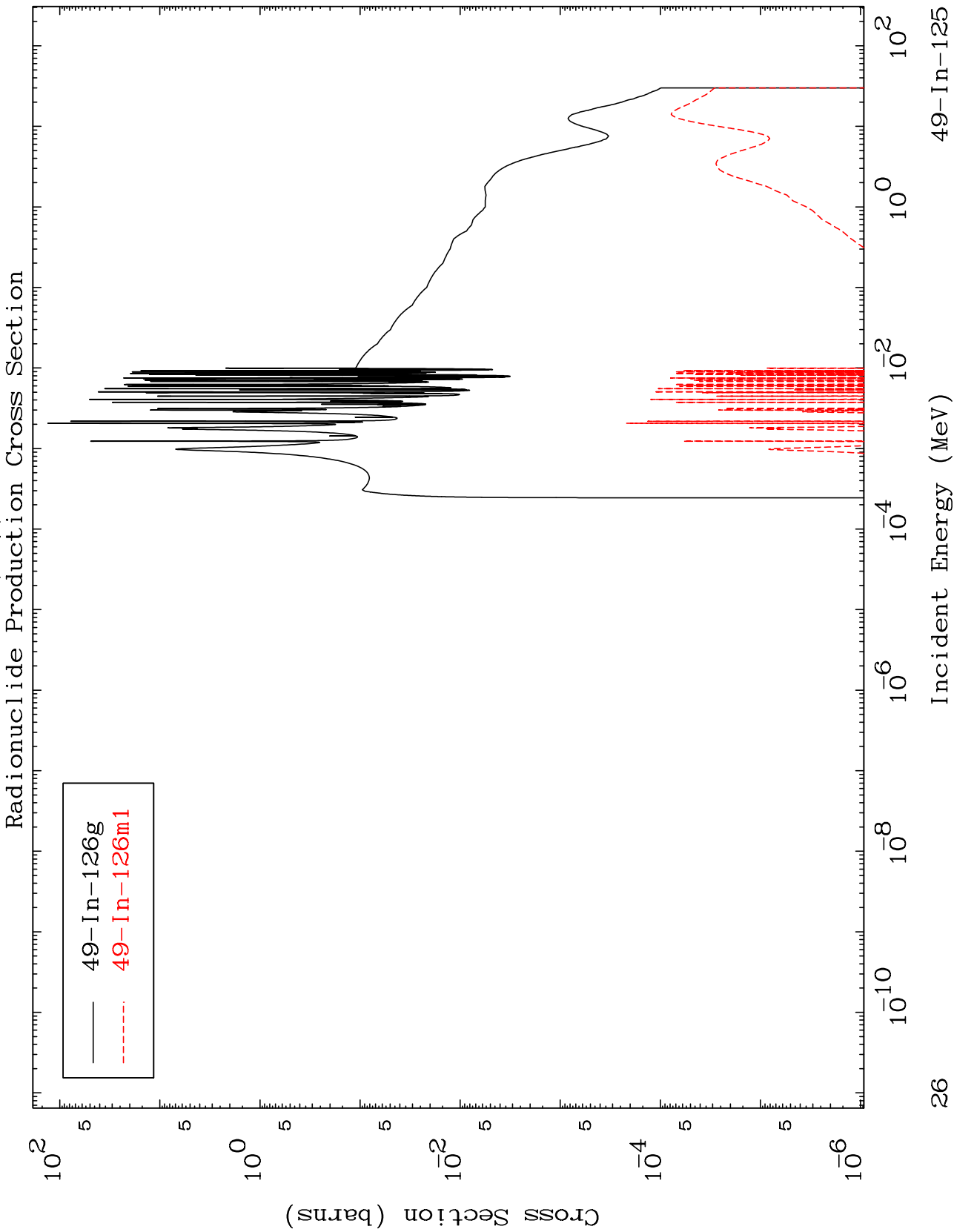
25

Incident Energy (MeV)

49-In-125

MAT 4962

49-In-125

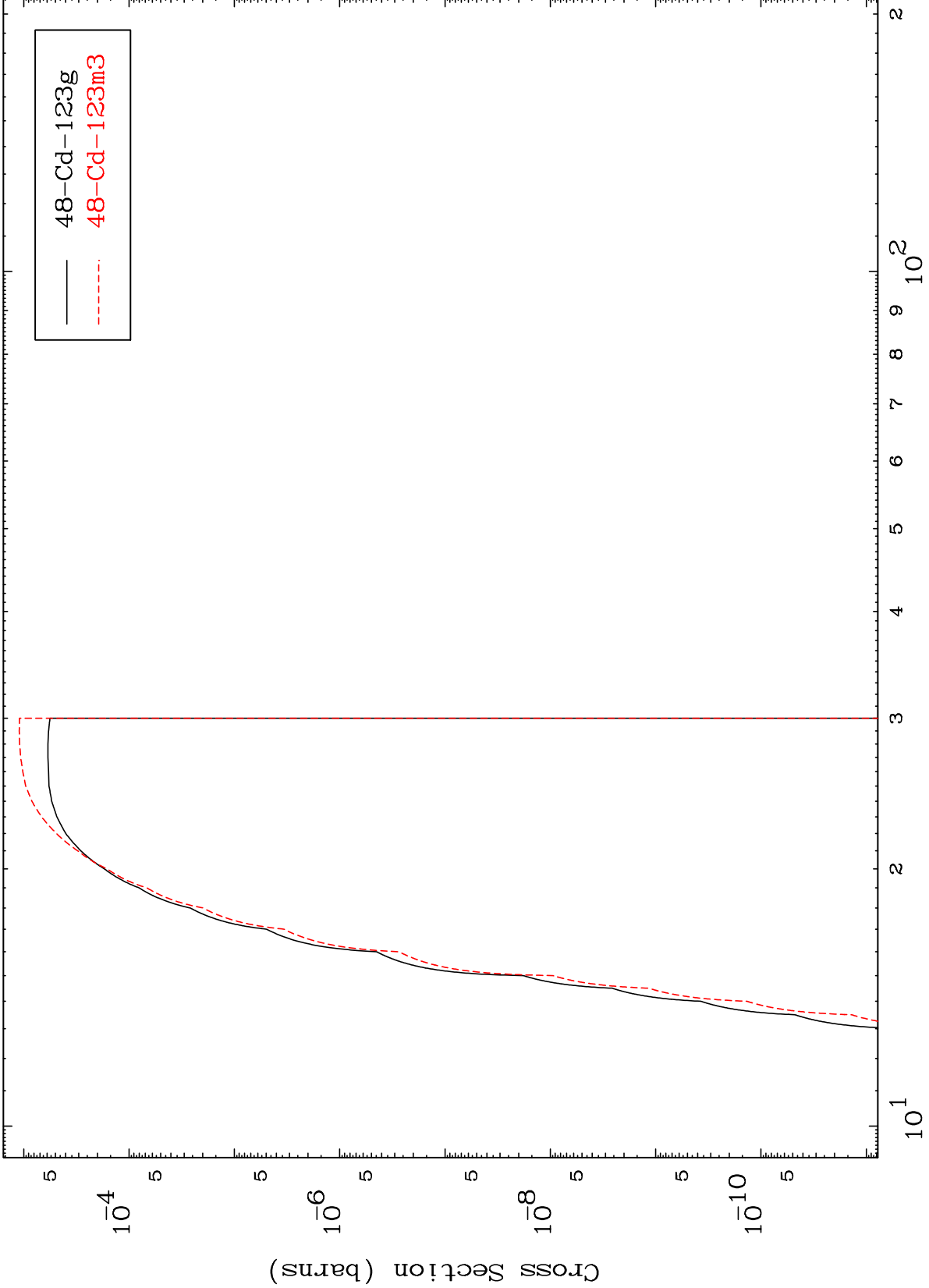


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(n, t)

49-In-125

Radionuclide Production Cross Section



48-Cd-123g
48-Cd-123m3

27

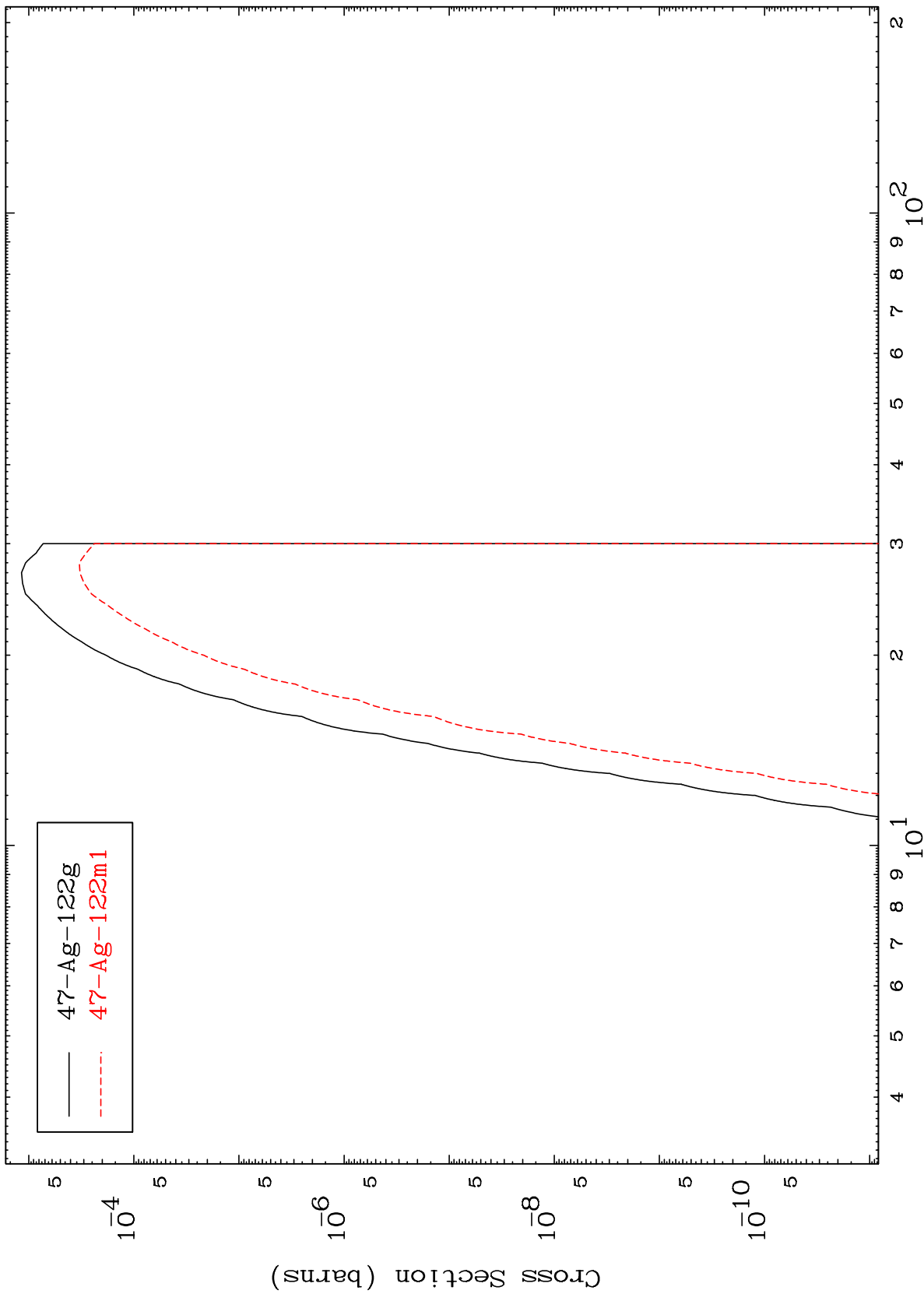
Incident Energy (MeV)

49-In-125

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49-In-125

(n, α)
Radionuclide Production Cross Section



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Incident Energy (MeV)

49-In-125