

Program EVALPLOT
(Version 2017-1)

by

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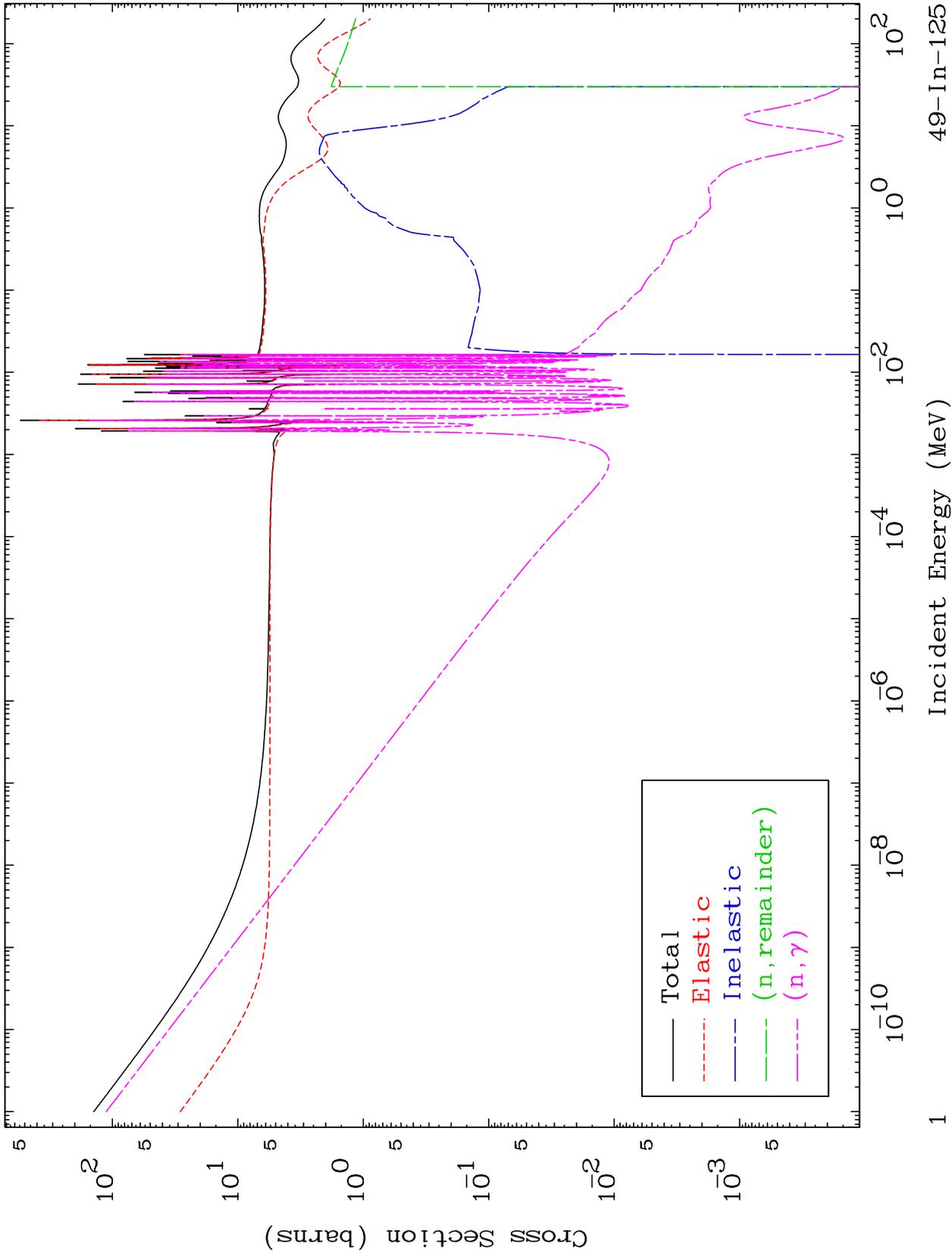
Press Mouse Button to Start

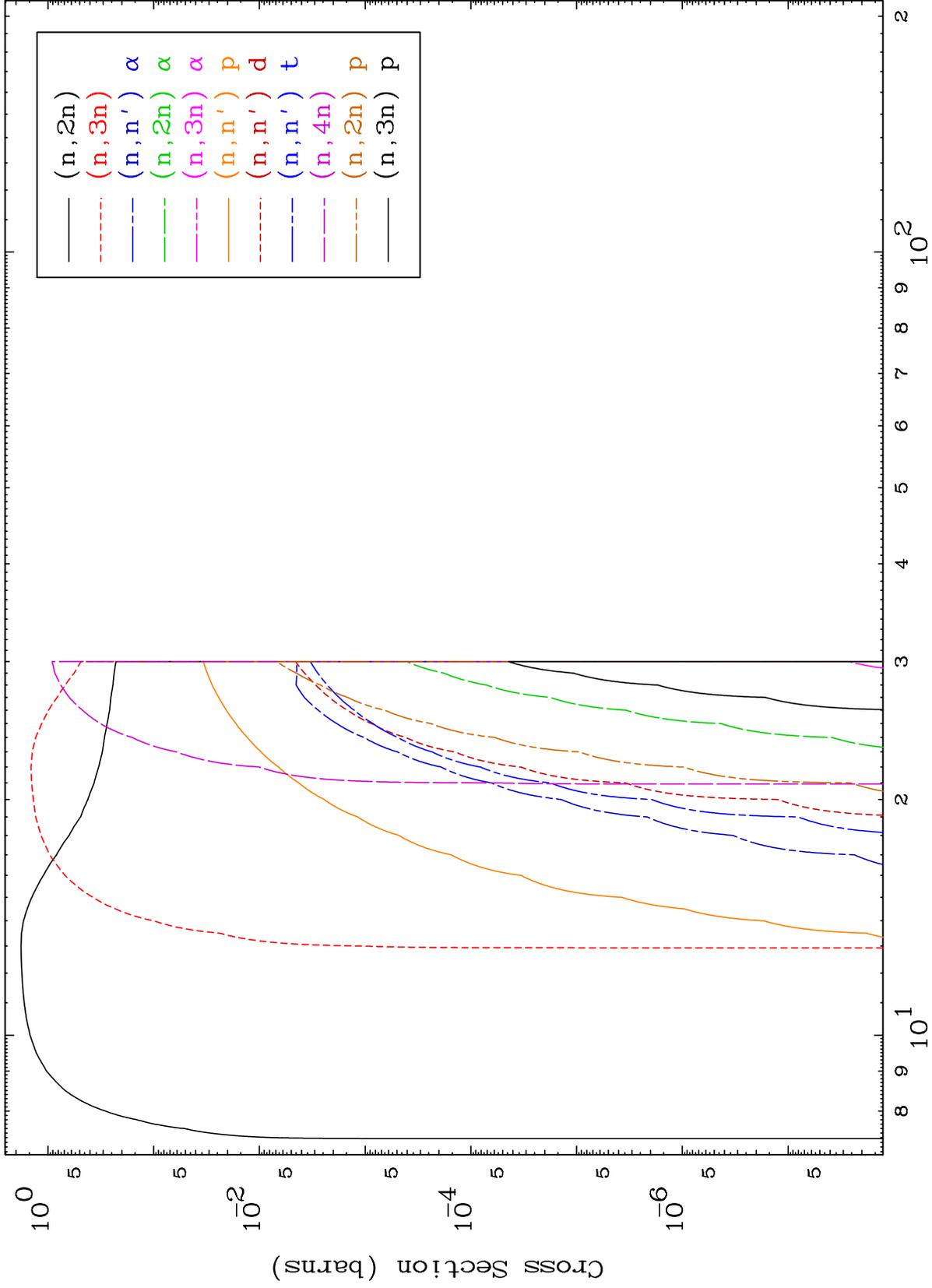
MAT 4962

Major

293 Kelvin Cross Sections

49-In-125

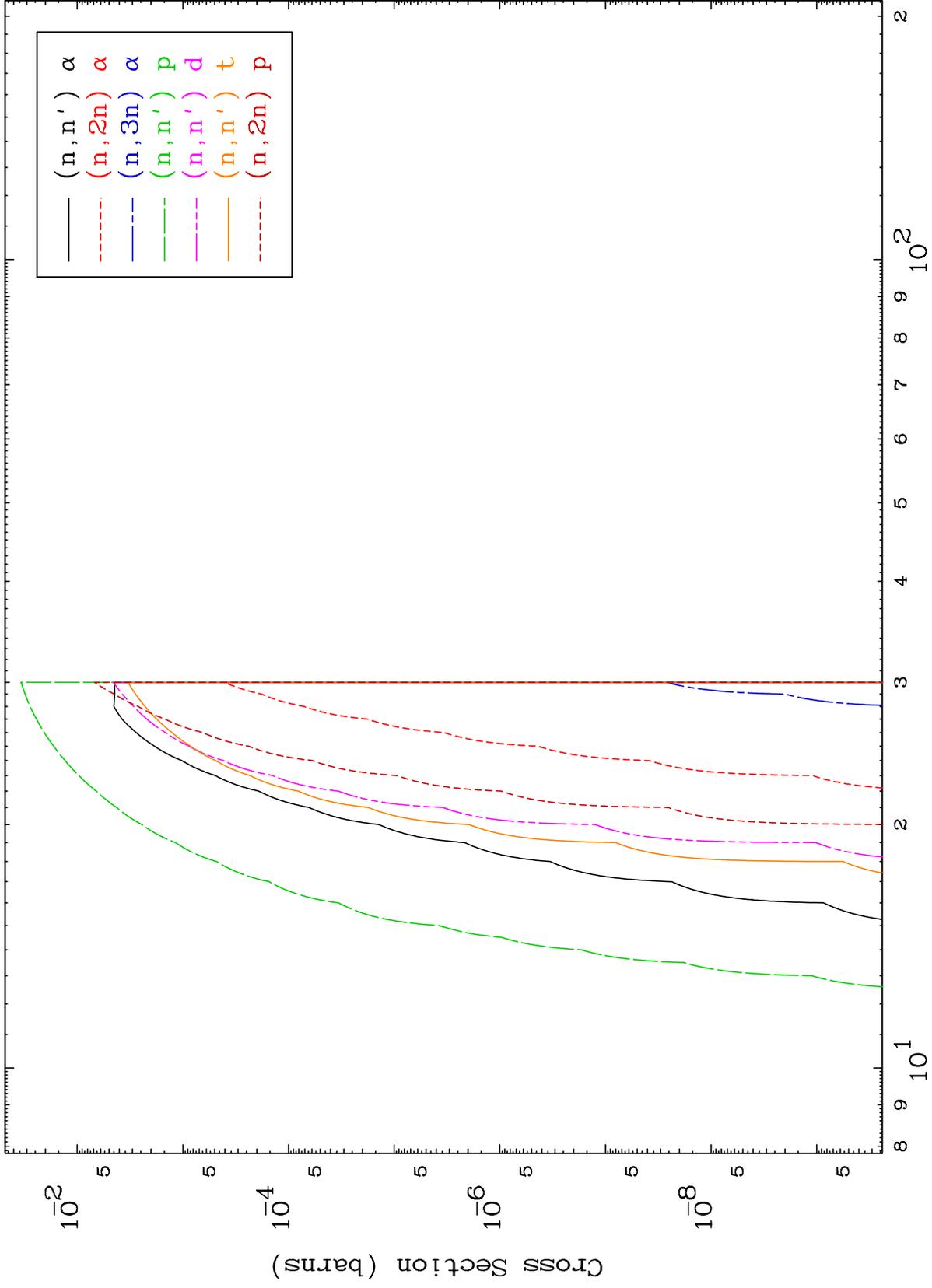




MAT 4962

Charged Particle
293 Kelvin Cross Sections

49-In-125



Incident Energy (MeV)

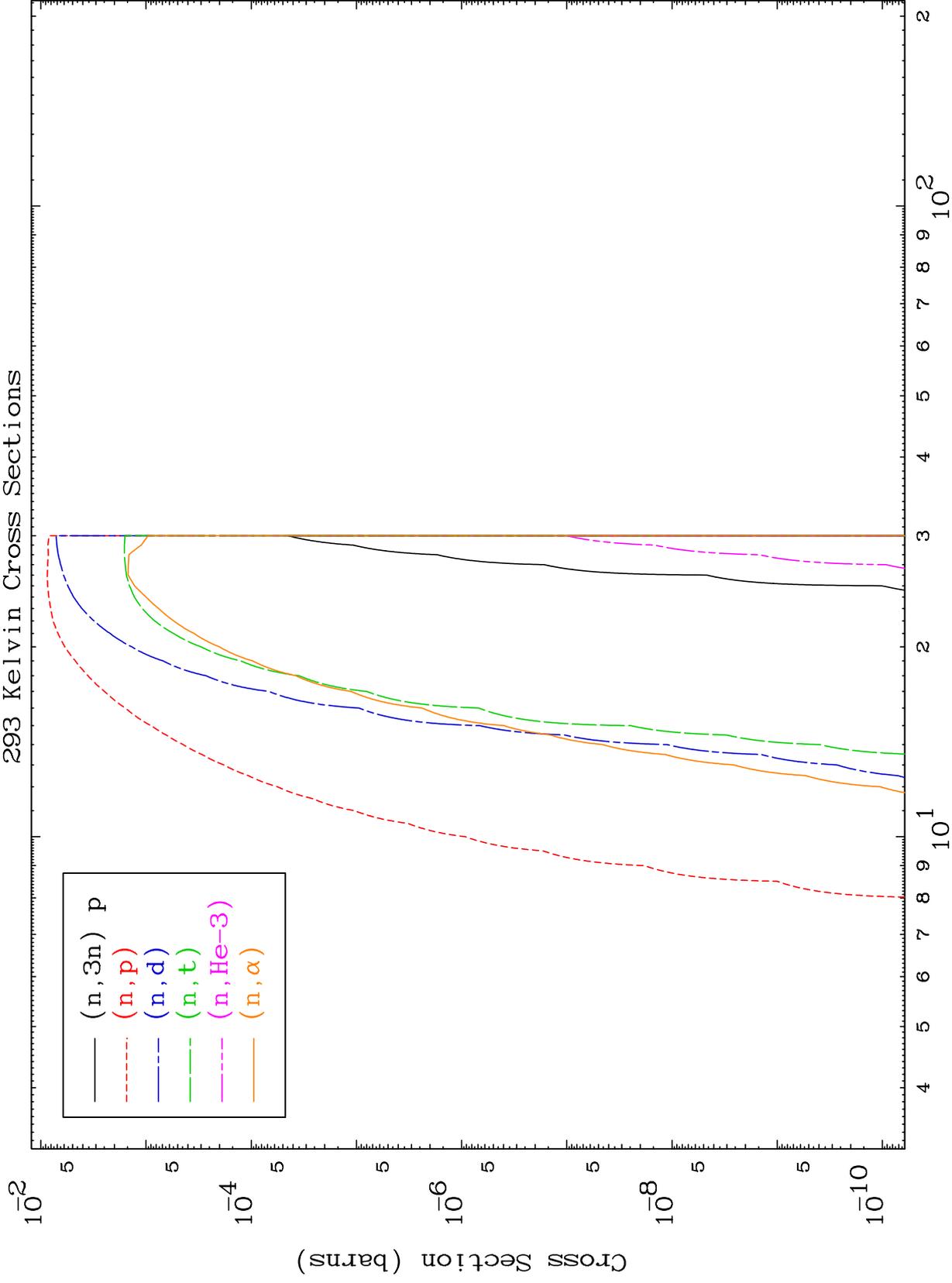
49-In-125

3

MAT 4962

Charged Particle
293 Kelvin Cross Sections

49-In-125



49-In-125

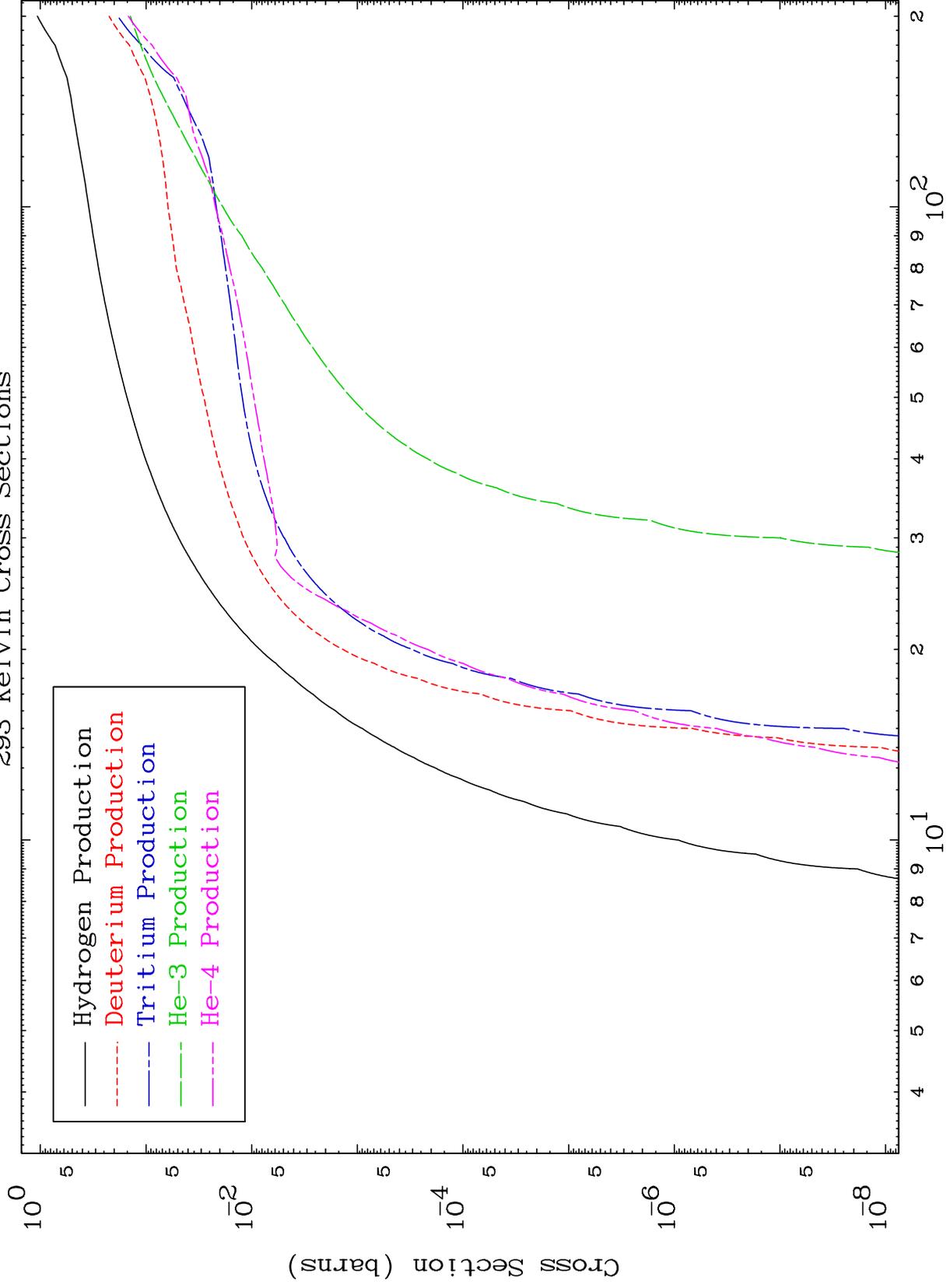
Incident Energy (MeV)

4

MAT 4962

Particle Production
293 Kelvin Cross Sections

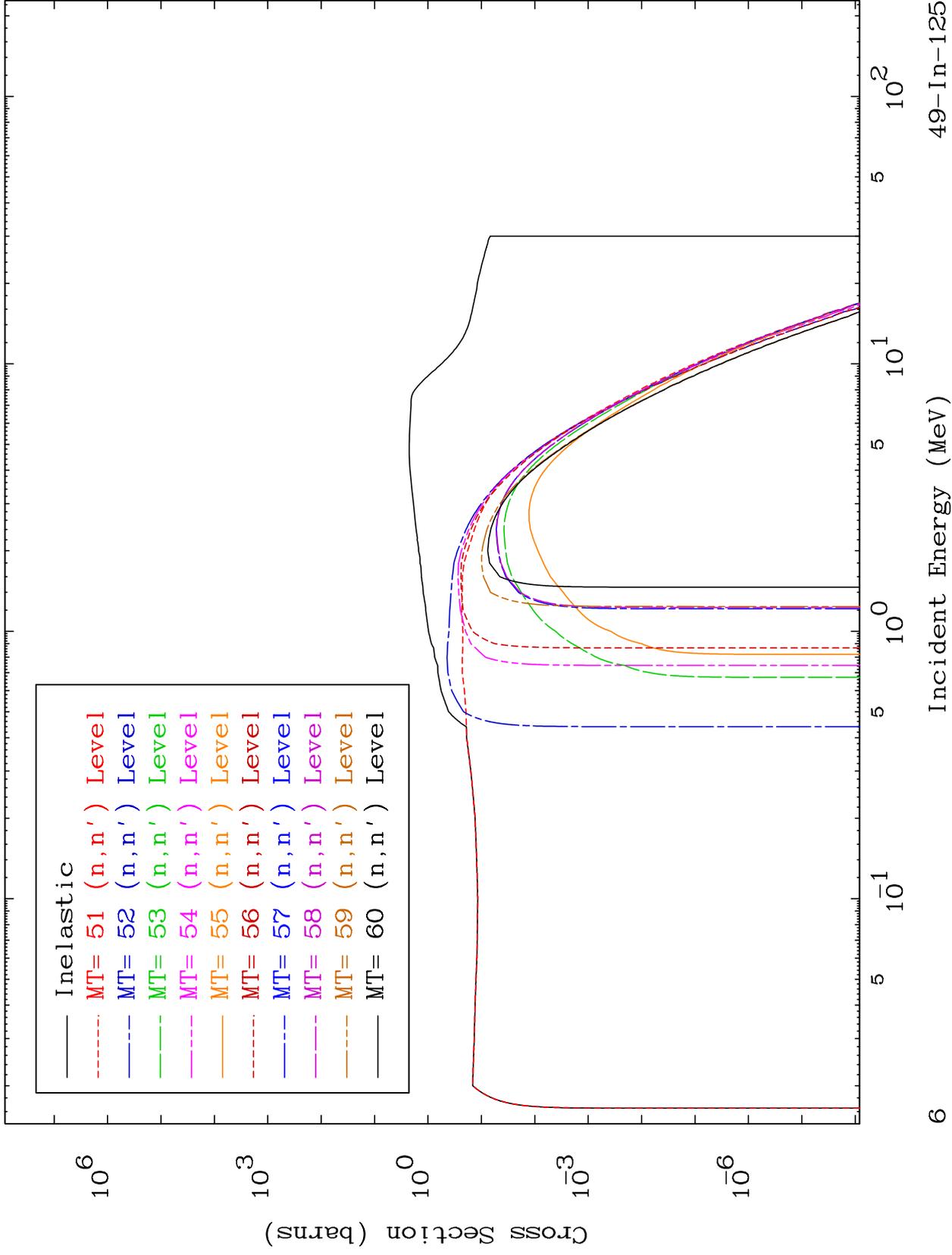
49-In-125



5

Incident Energy (MeV)

49-In-125

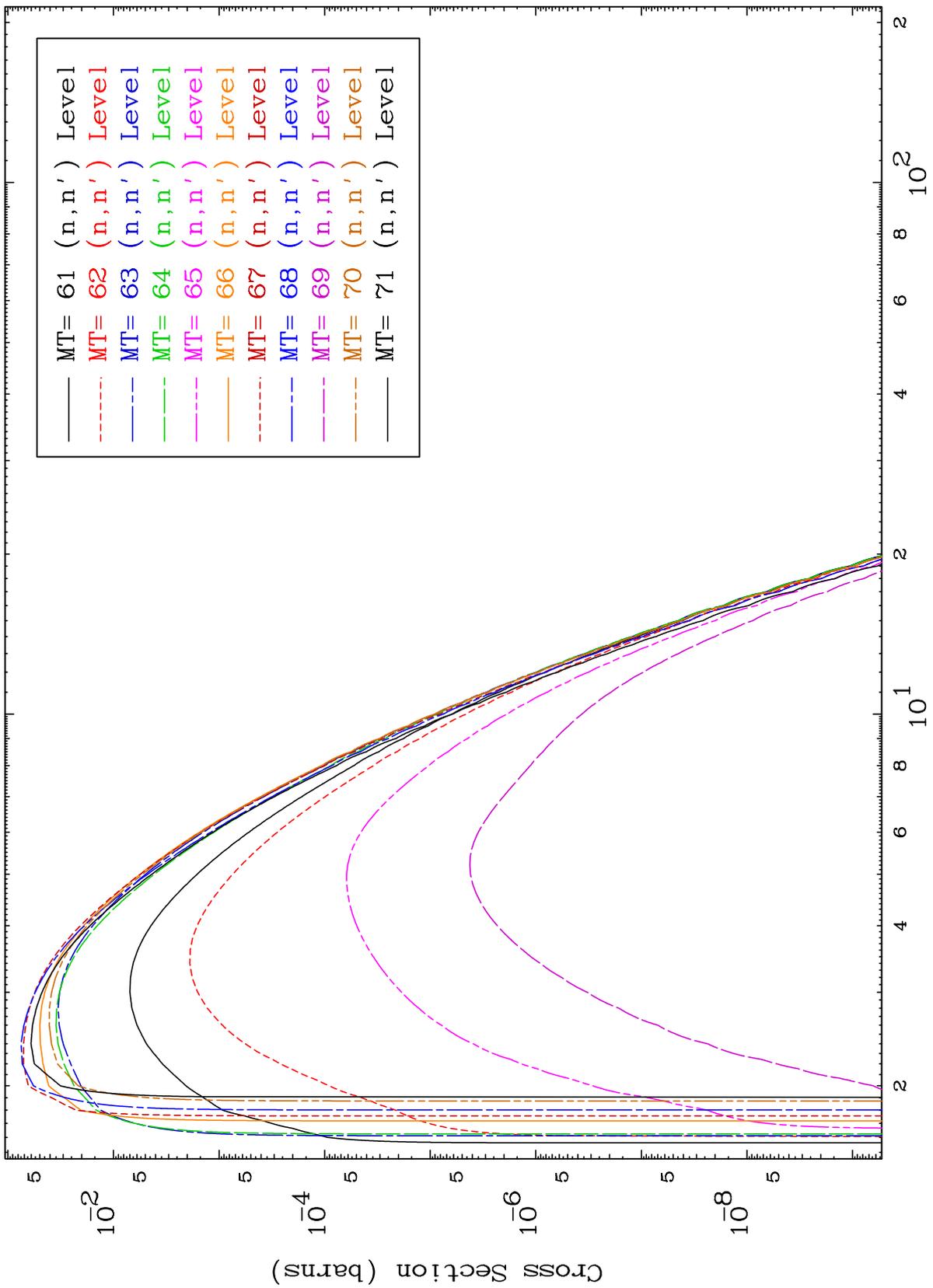


MAT 4962

(n,n') Level

49-In-125

293 Kelvin Cross Sections



7

Incident Energy (MeV)

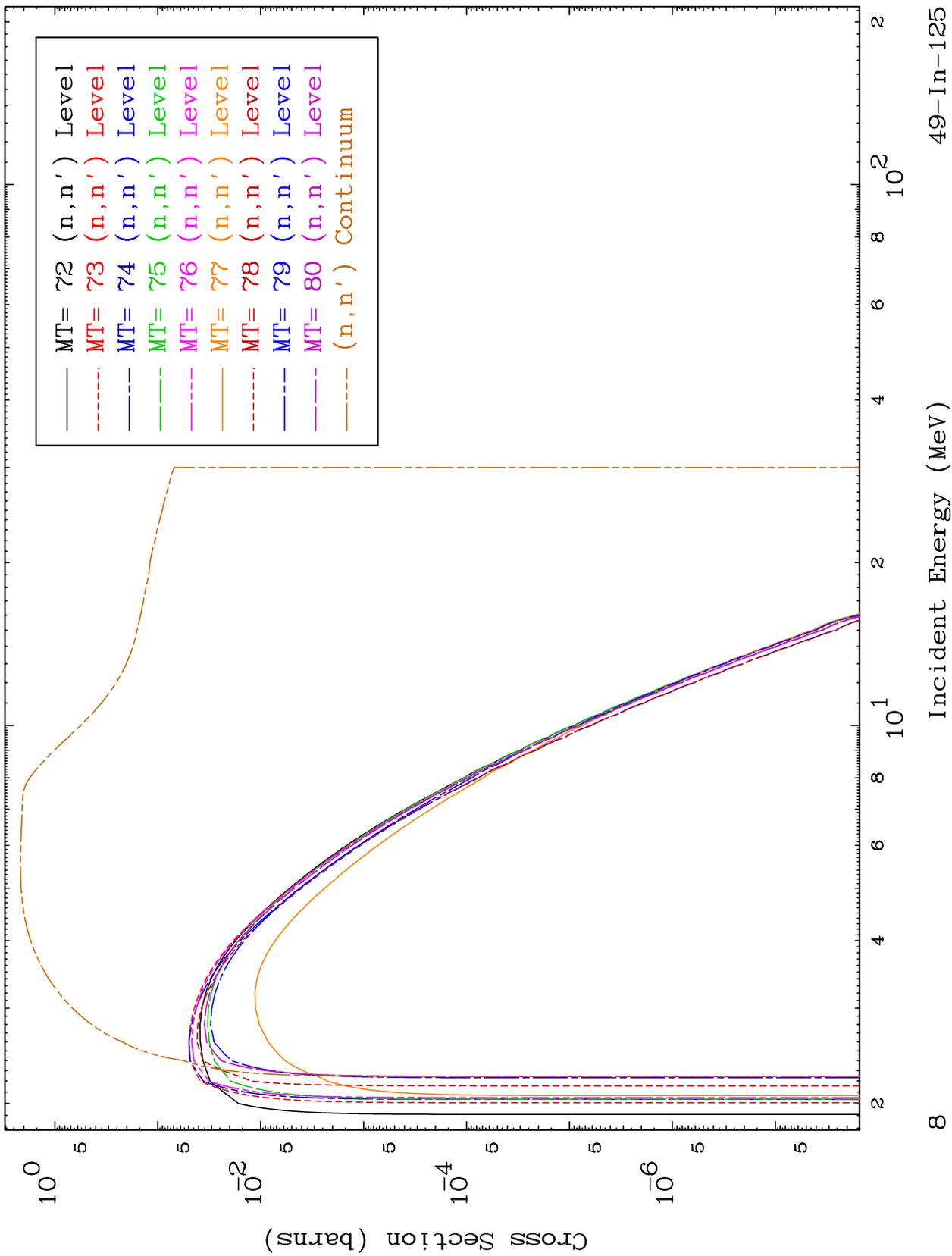
49-In-125

MAT 4962

(n,n') Level

293 Kelvin Cross Sections

49-In-125



8

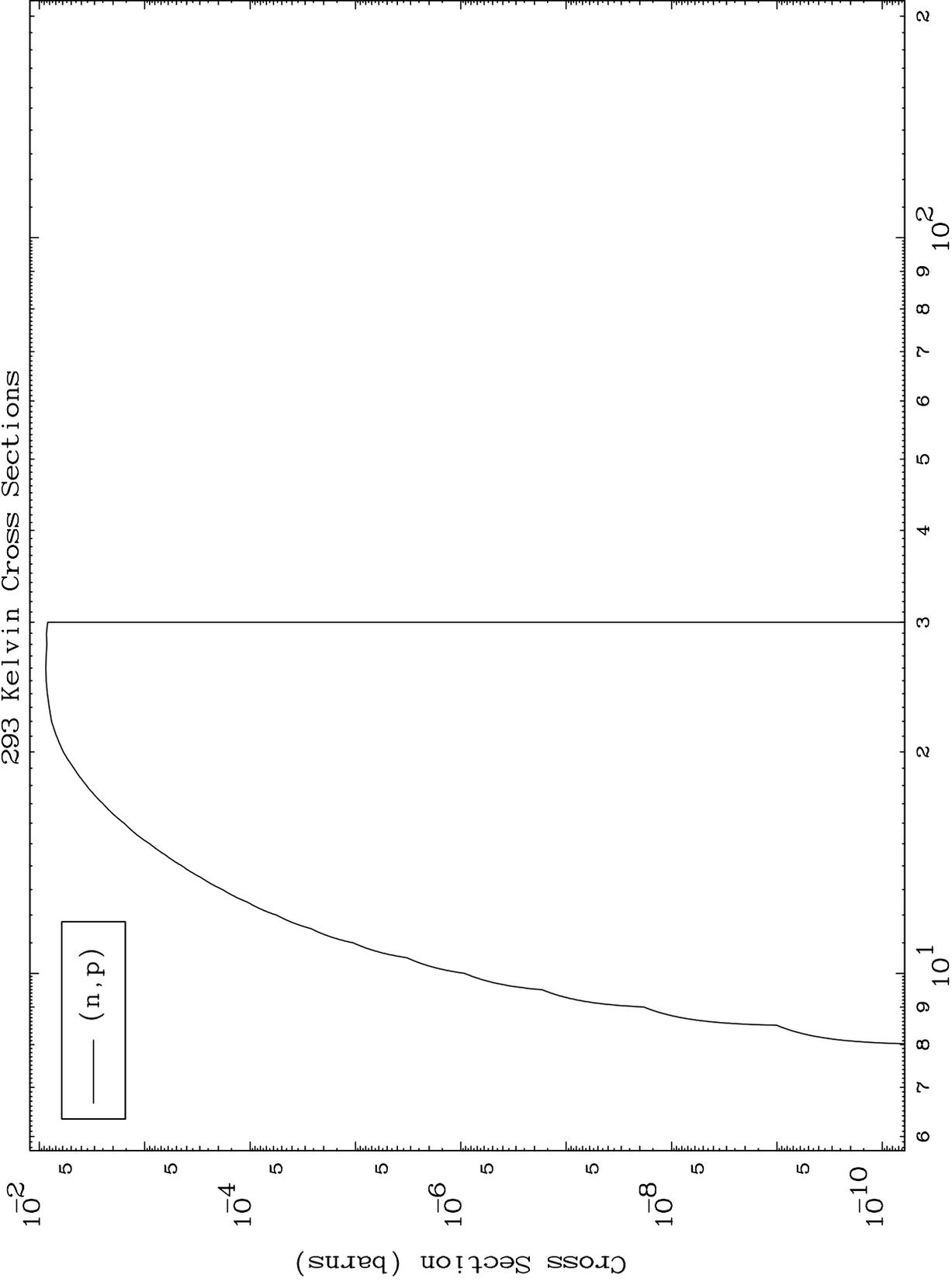
Incident Energy (MeV)

49-In-125

MAT 4962

(n,p) Levels
293 Kelvin Cross Sections

49-In-125



9

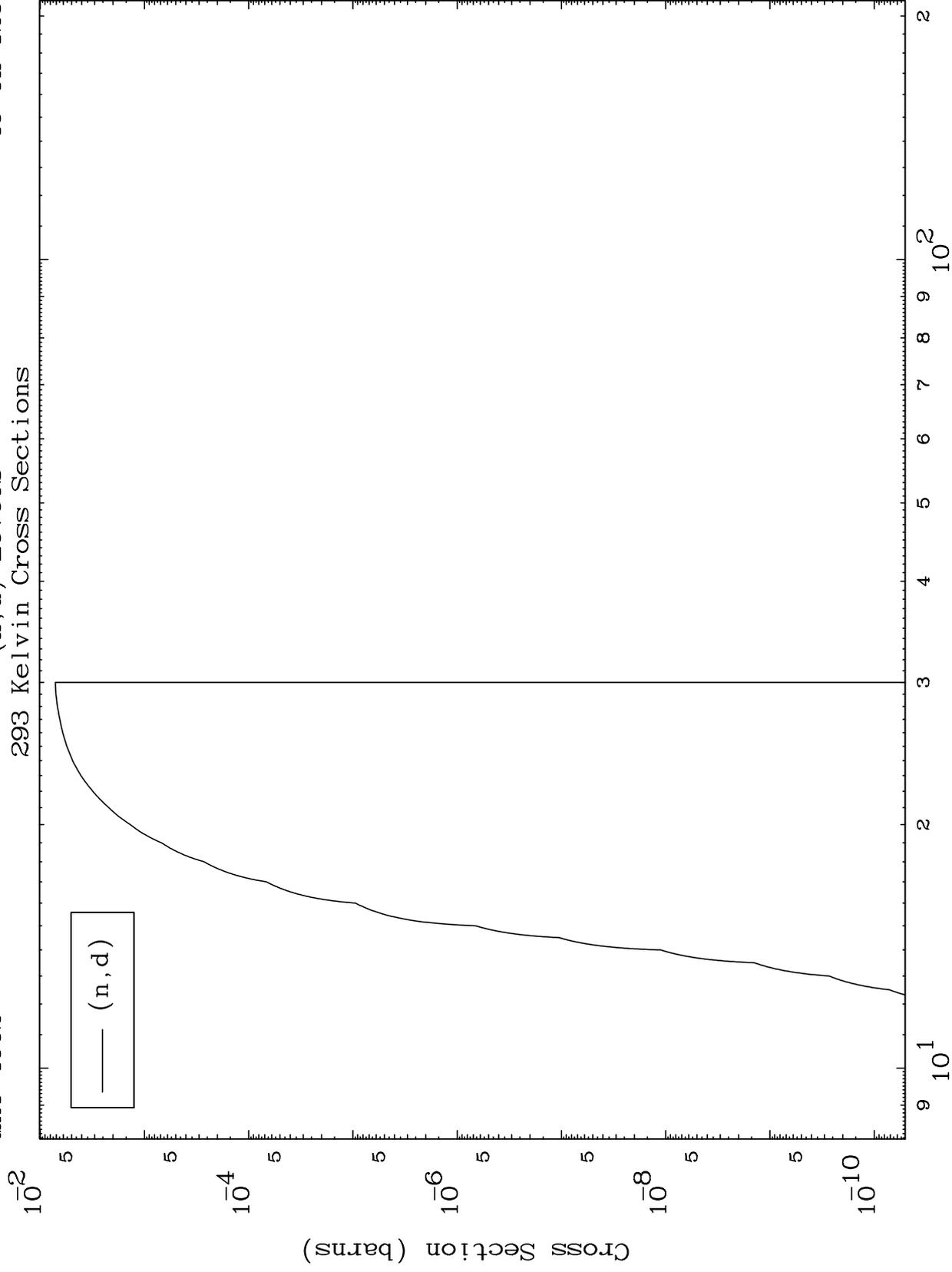
Incident Energy (MeV)

49-In-125

MAT 4962

(n,d) Levels
293 Kelvin Cross Sections

49-In-125



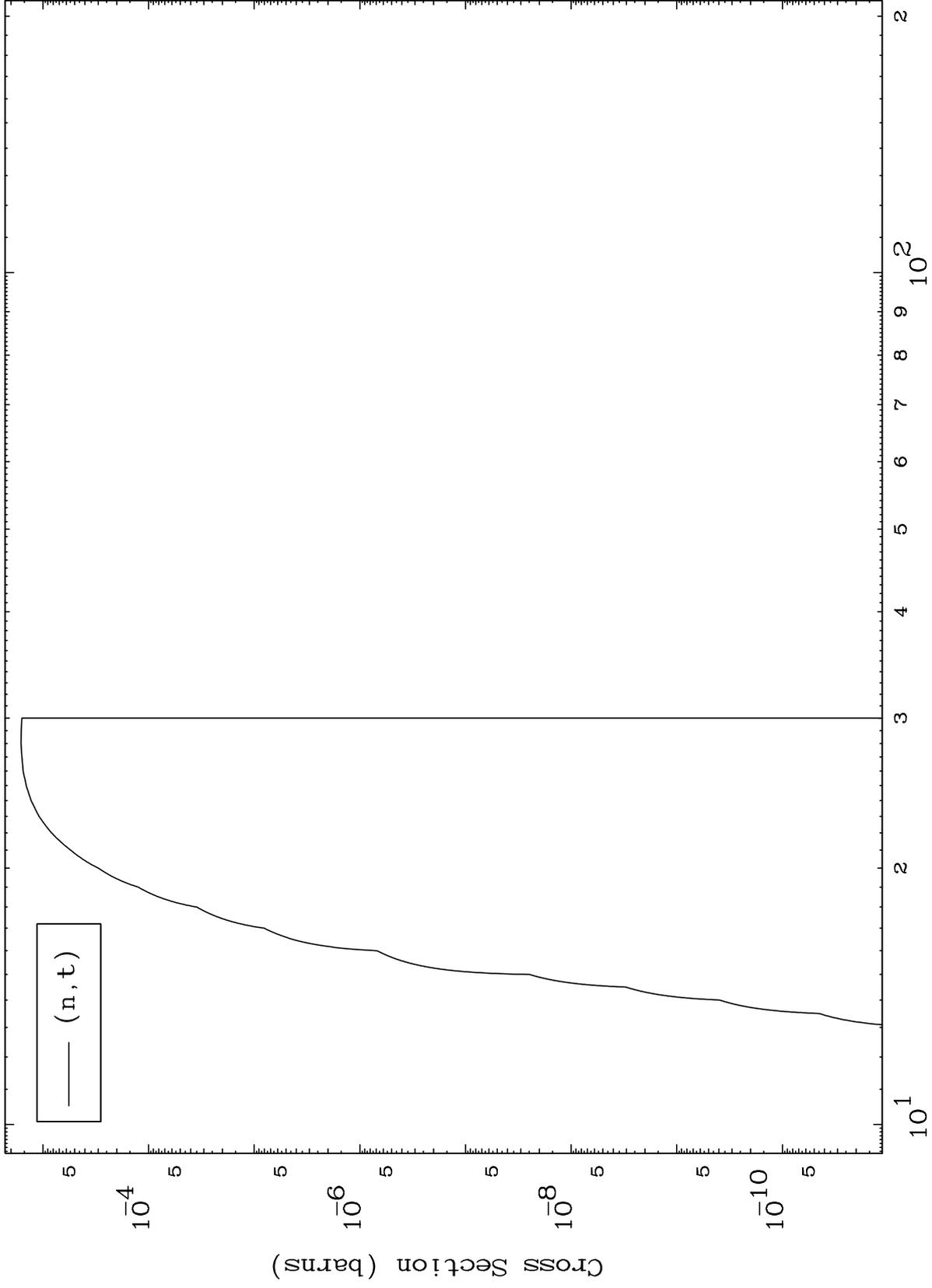
49-In-125

Incident Energy (MeV)

MAT 4962

(n,t) Levels
293 Kelvin Cross Sections

49-In-125



11

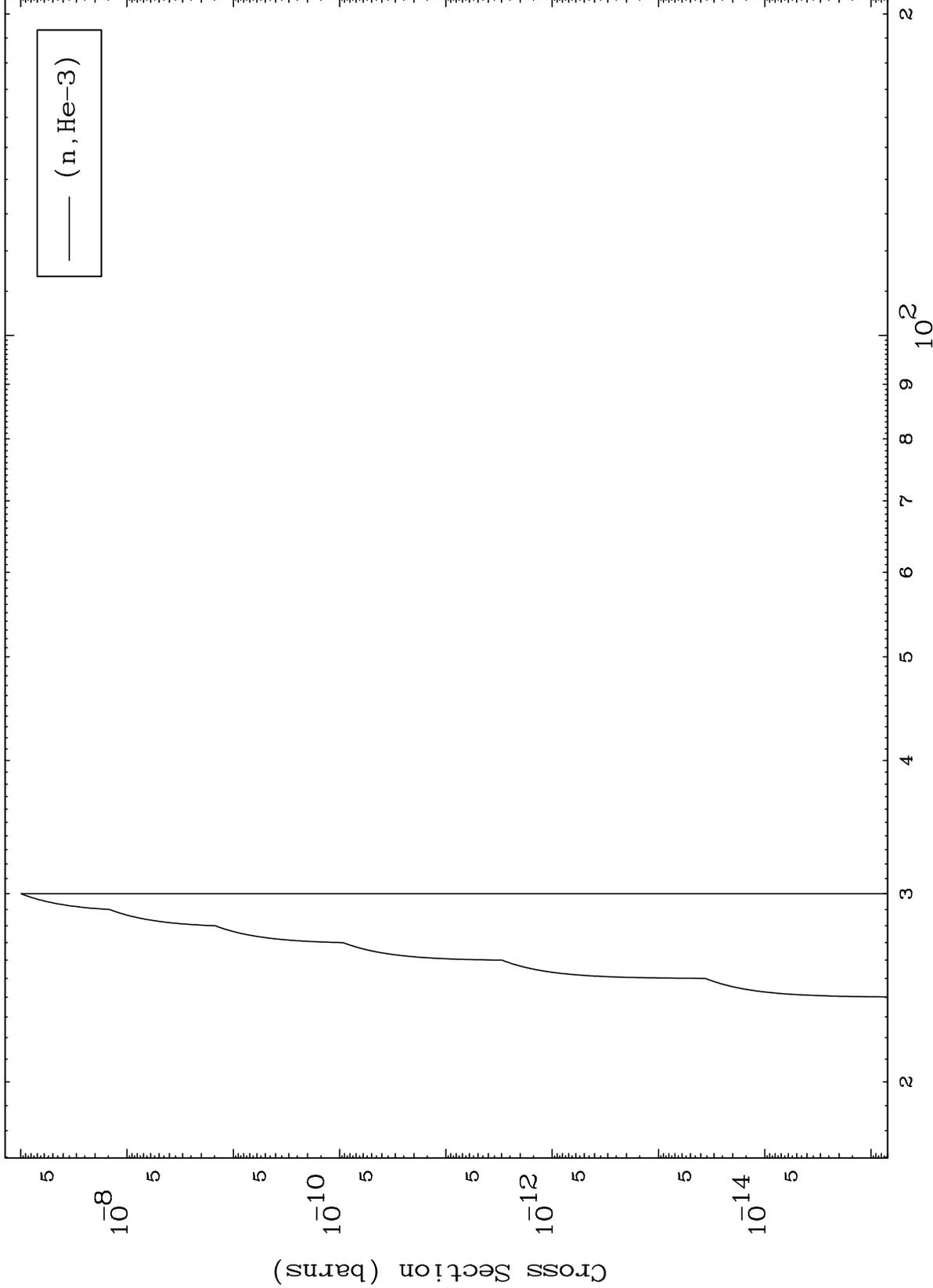
Incident Energy (MeV)

49-In-125

MAT 4962

(n,He3) Levels
293 Kelvin Cross Sections

49-In-125



12

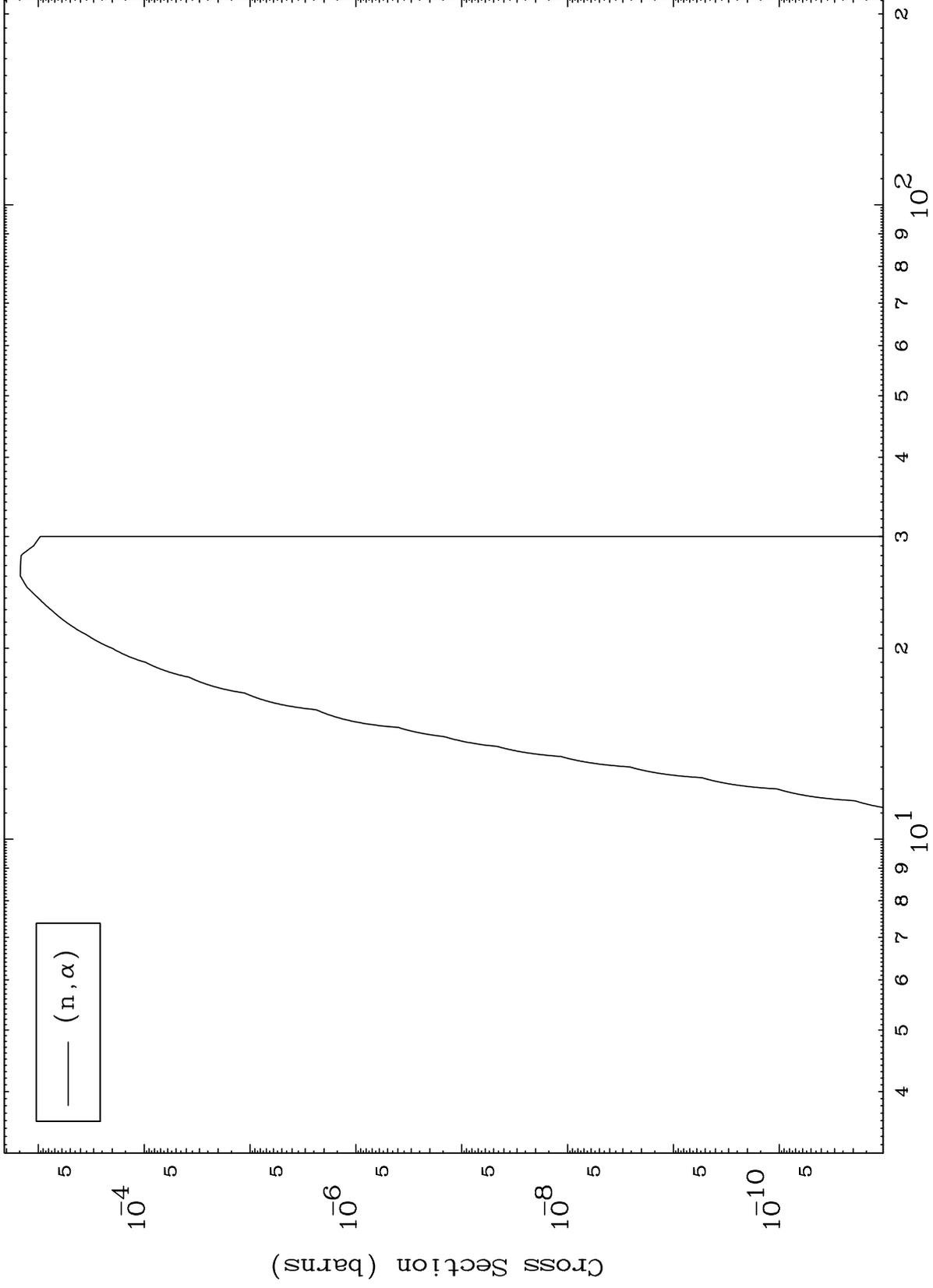
Incident Energy (MeV)

49-In-125

MAT 4962

(n, α) Levels
293 Kelvin Cross Sections

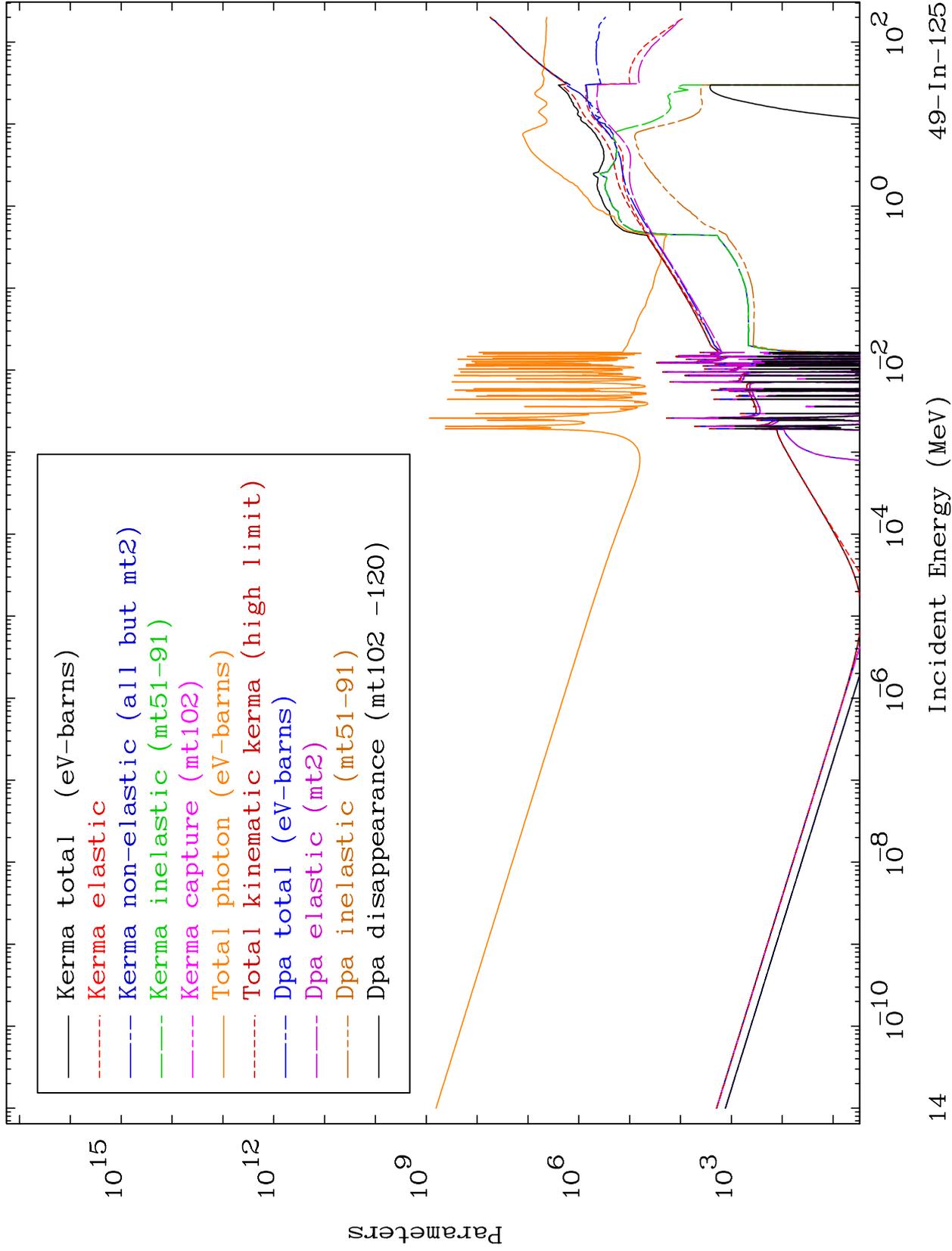
49-In-125



13

Incident Energy (MeV)

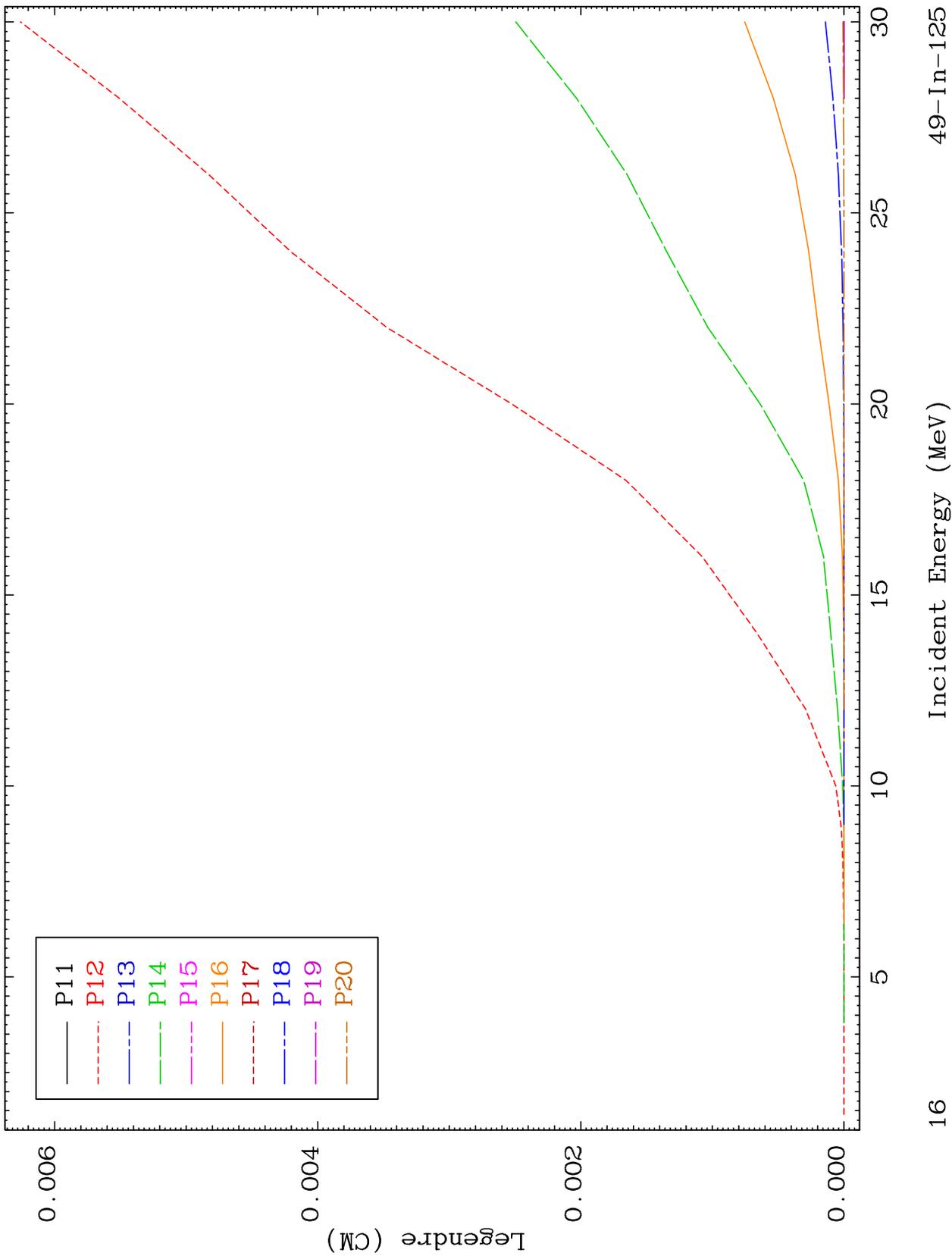
49-In-125



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Elastic Legendre Coefficients

49-In-125



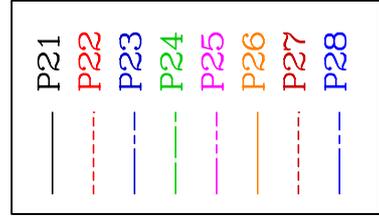
16

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

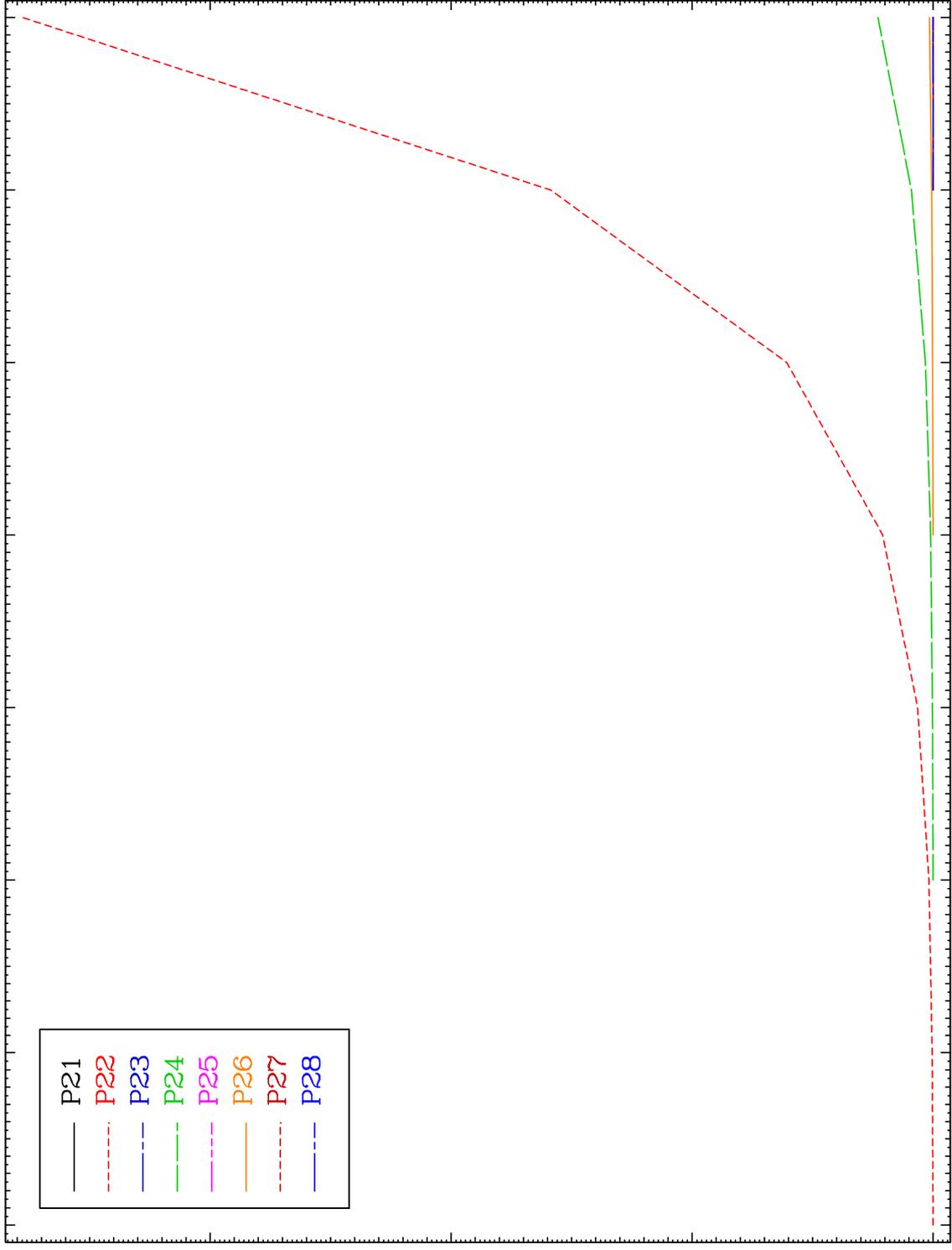
26

28

30

49-In-125

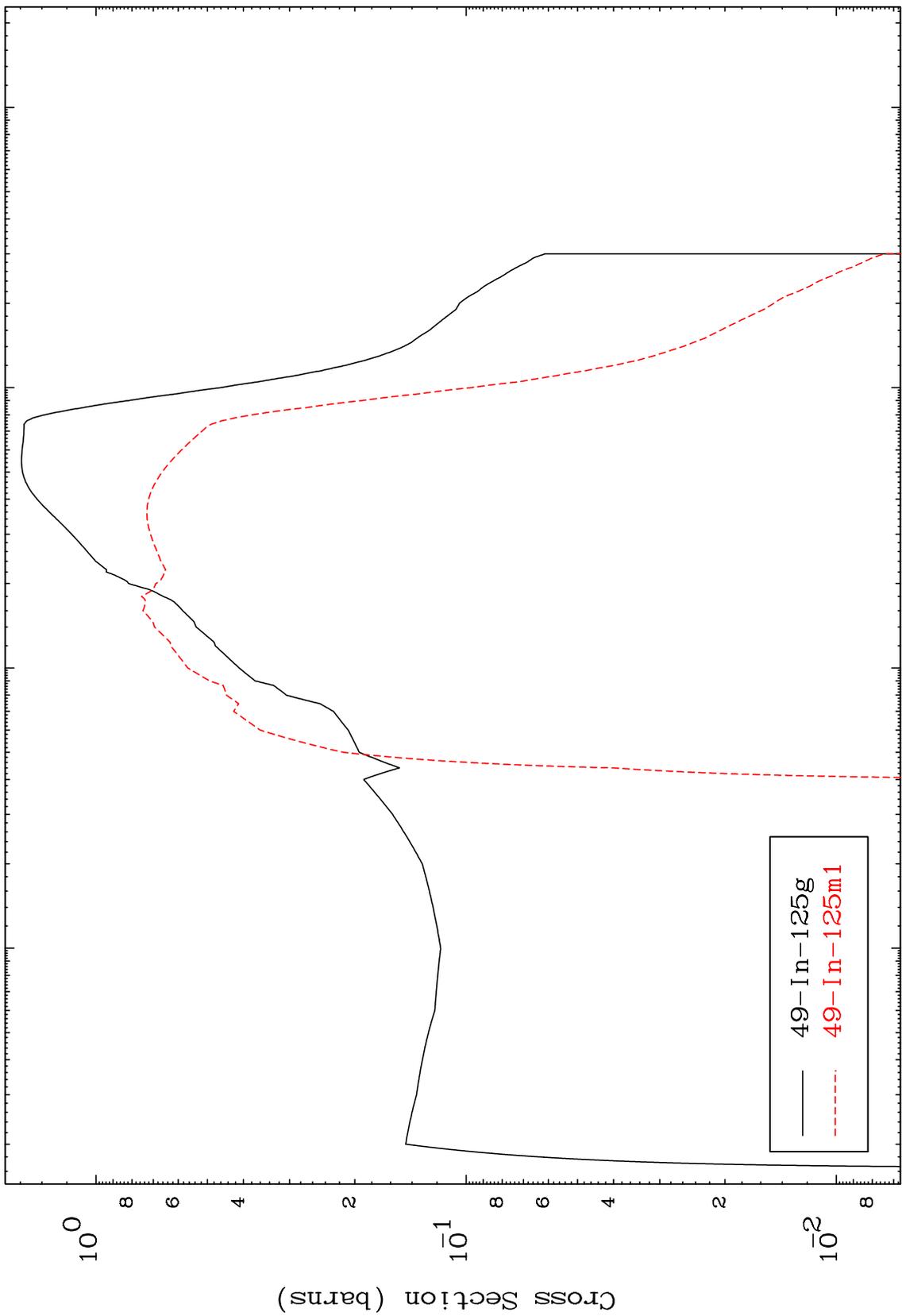
Incident Energy (MeV)



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49-In-125

Inelastic
Radionuclide Production Cross Section



49-In-125

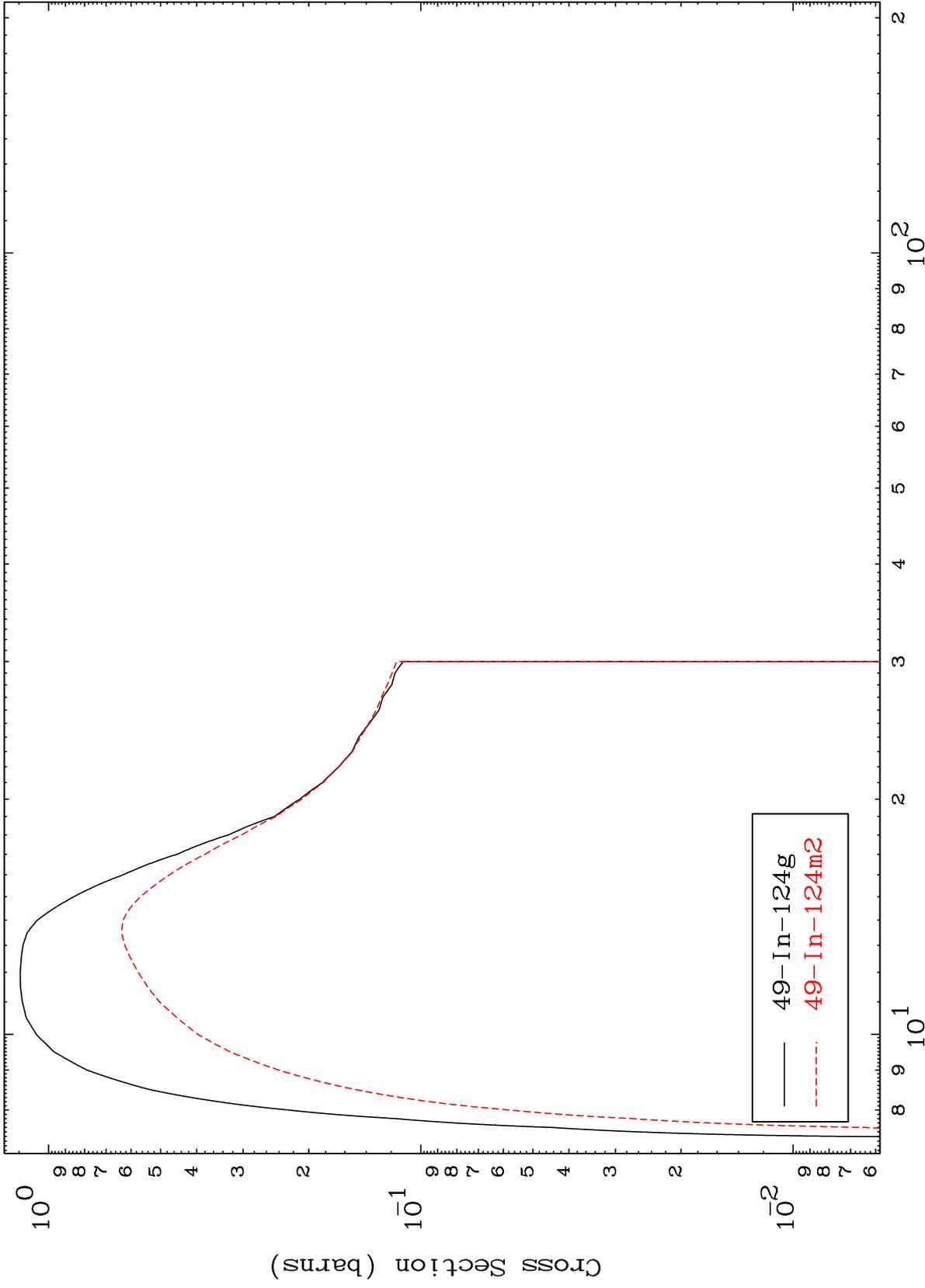
Incident Energy (MeV)

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(n,2n)

49-In-125

Radionuclide Production Cross Section



19

Incident Energy (MeV)

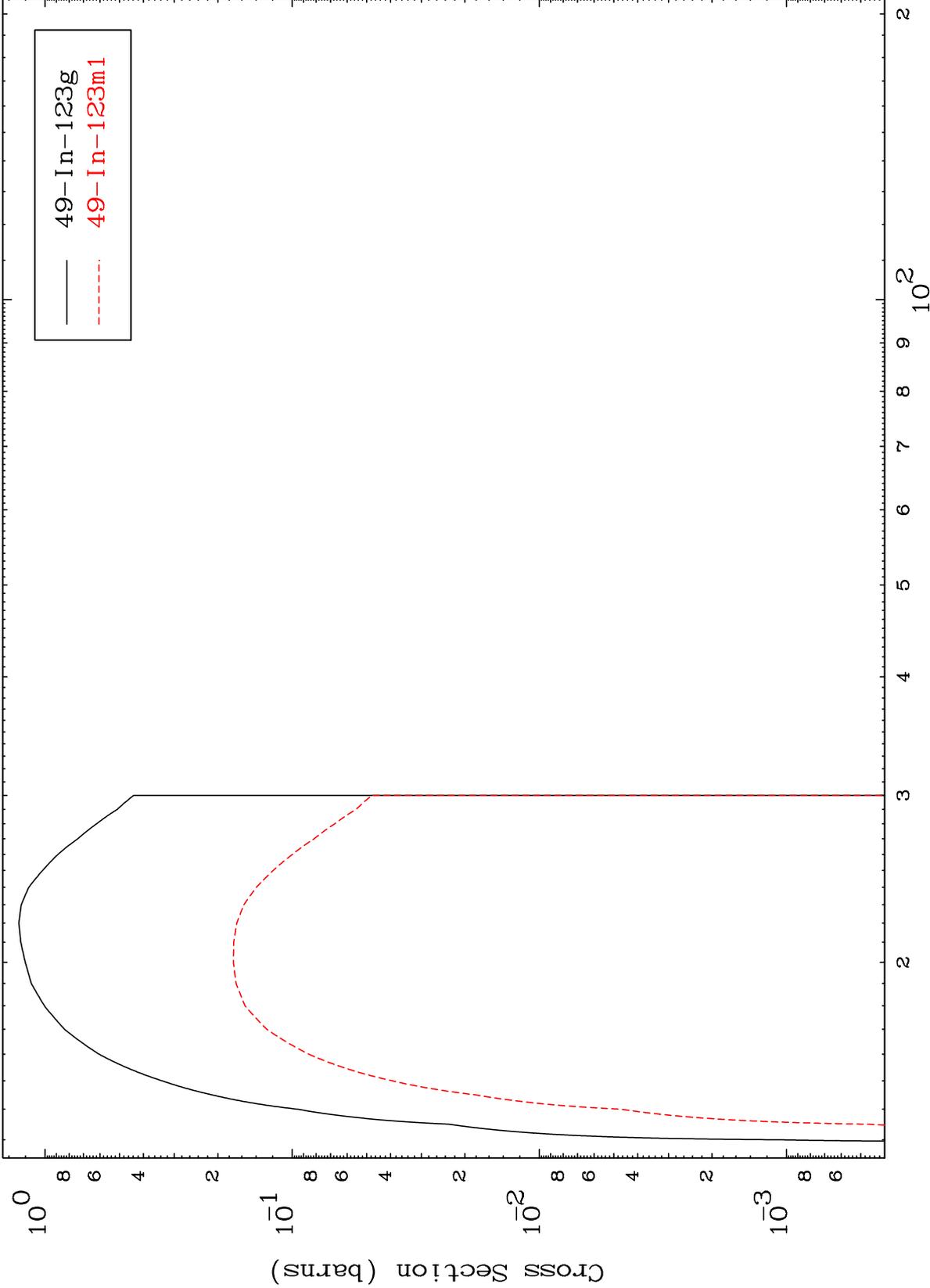
49-In-125

MAT 4962

(n,3n)

49-In-125

Radionuclide Production Cross Section



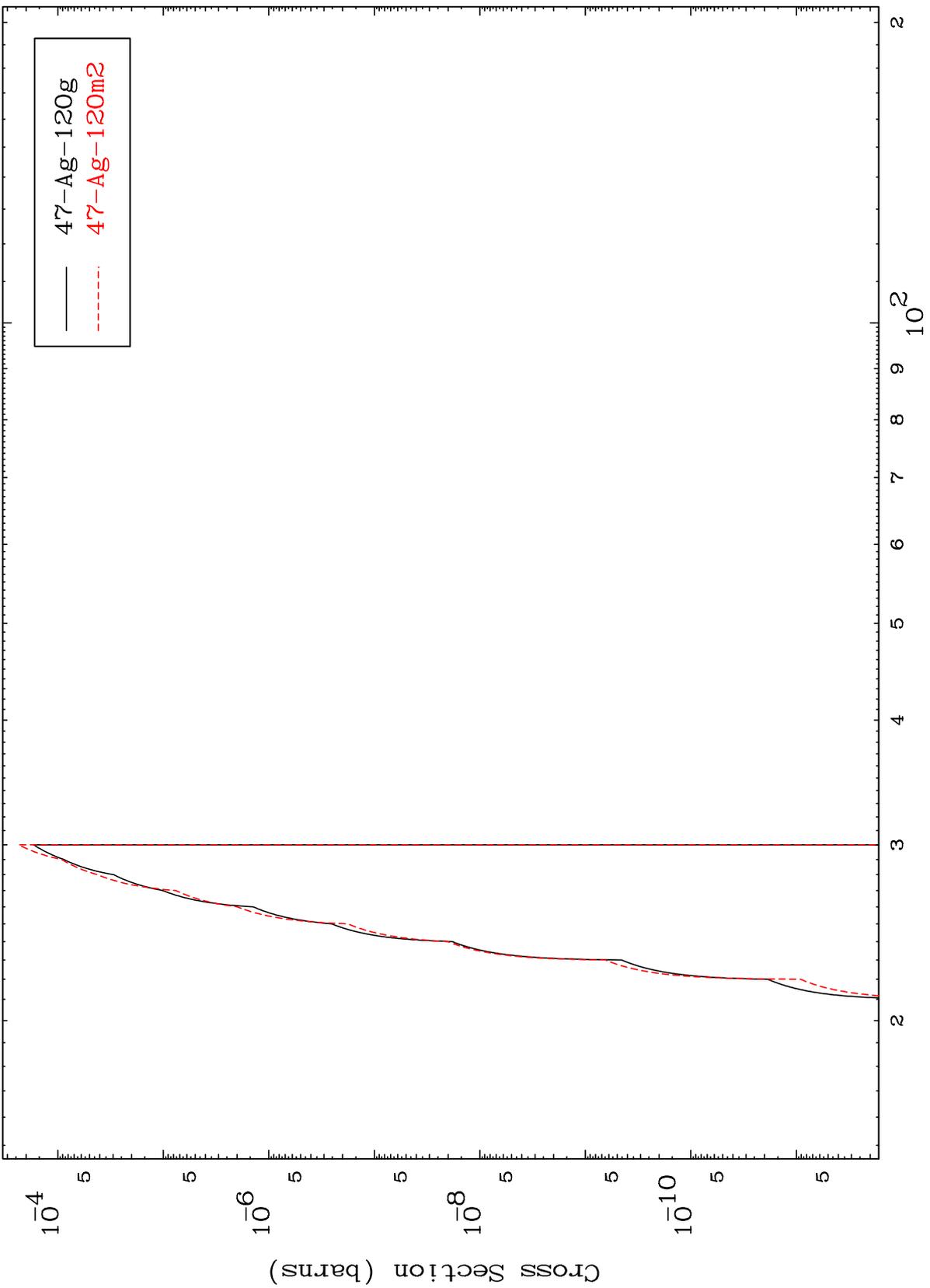
49-In-123g
49-In-123m1

20

Incident Energy (MeV)

49-In-125

Radionuclide Production Cross Section

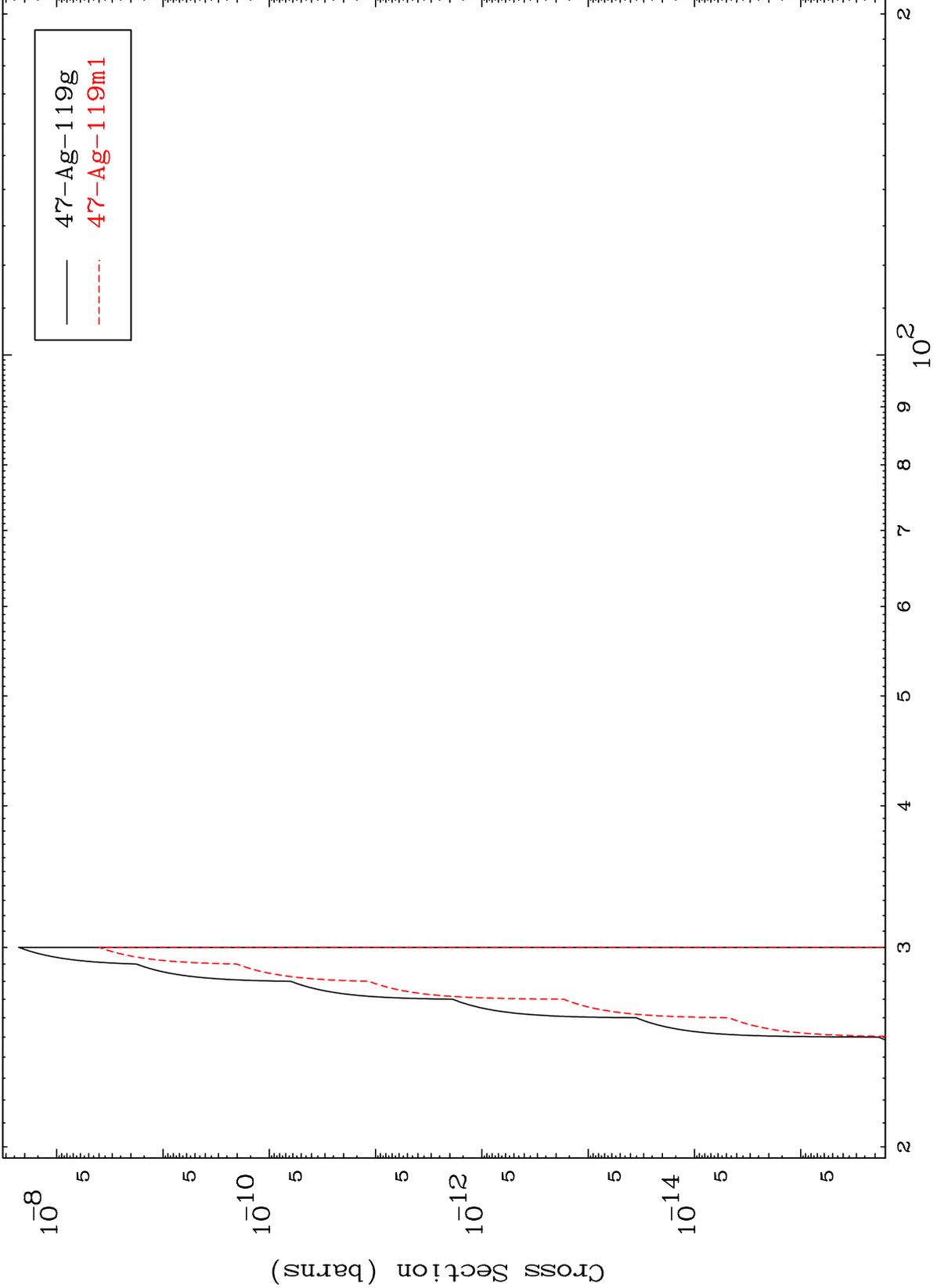


MAT 4962

(n,3n) α

49-In-125

Radionuclide Production Cross Section



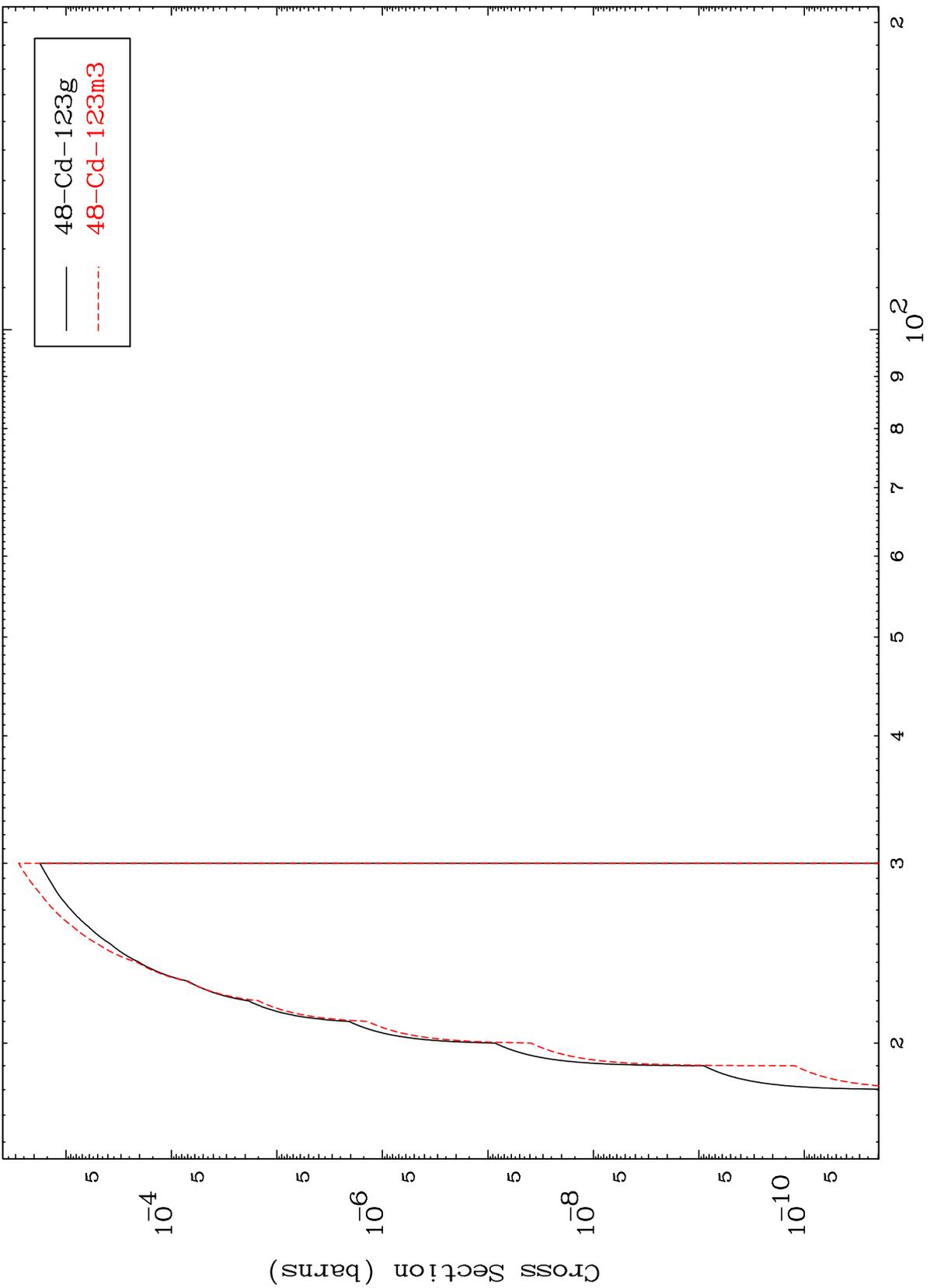
47-Ag-119g
47-Ag-119m1

22

Incident Energy (MeV)

49-In-125

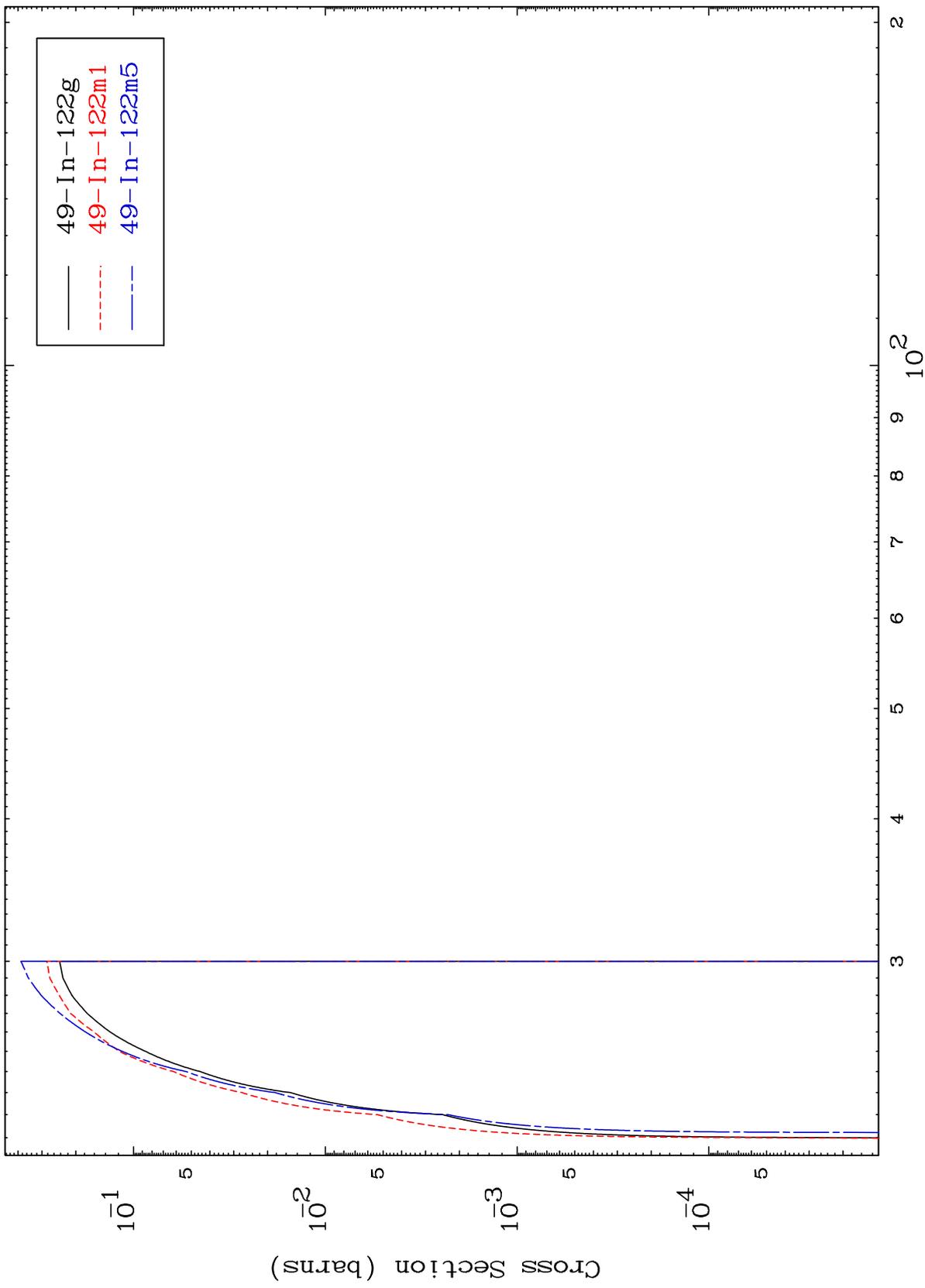
Radionuclide Production Cross Section



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49-In-125

(n,4n)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

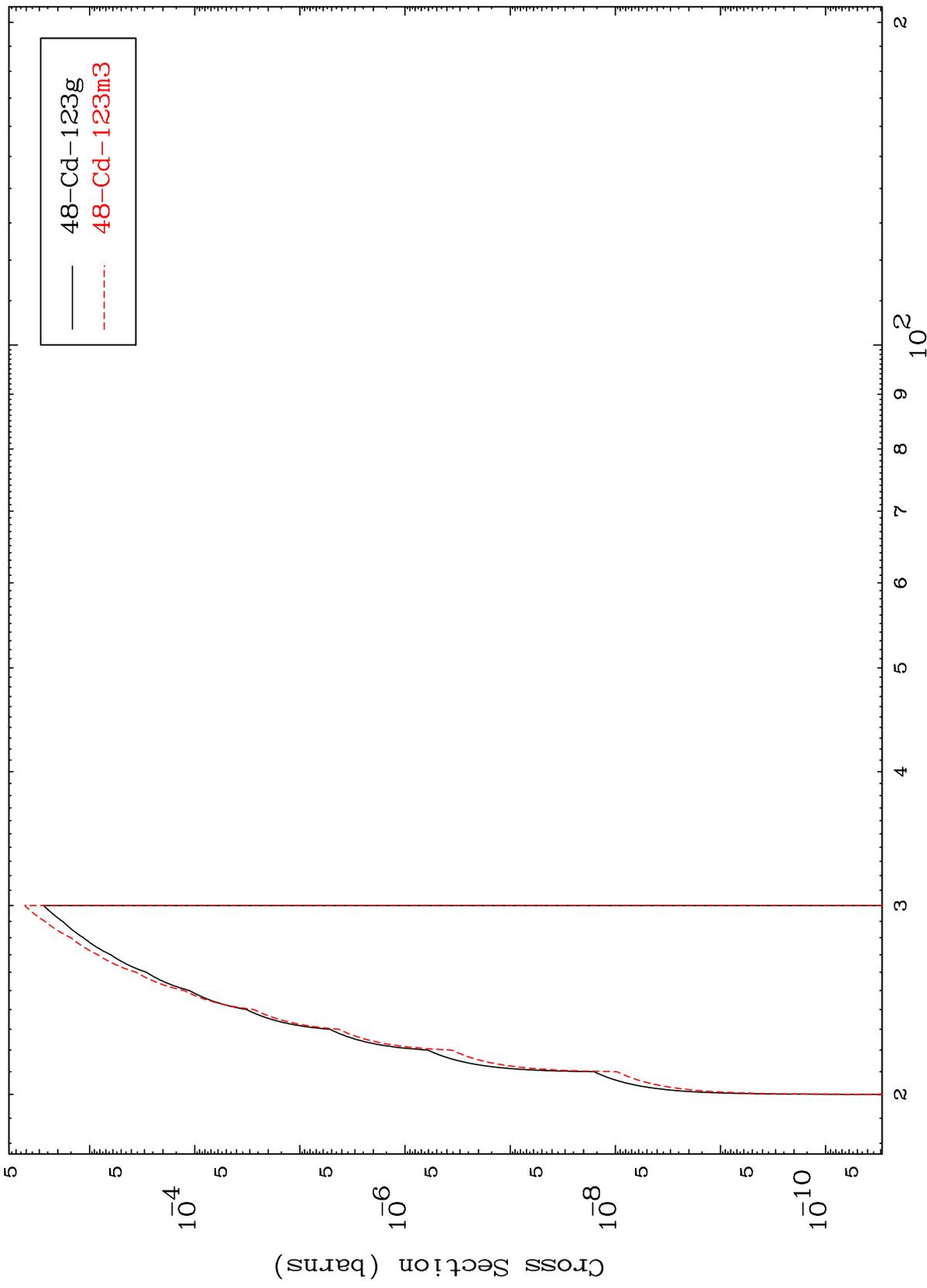
49-In-125

MAT 4962

(n,2n) p

49-In-125

Radionuclide Production Cross Section

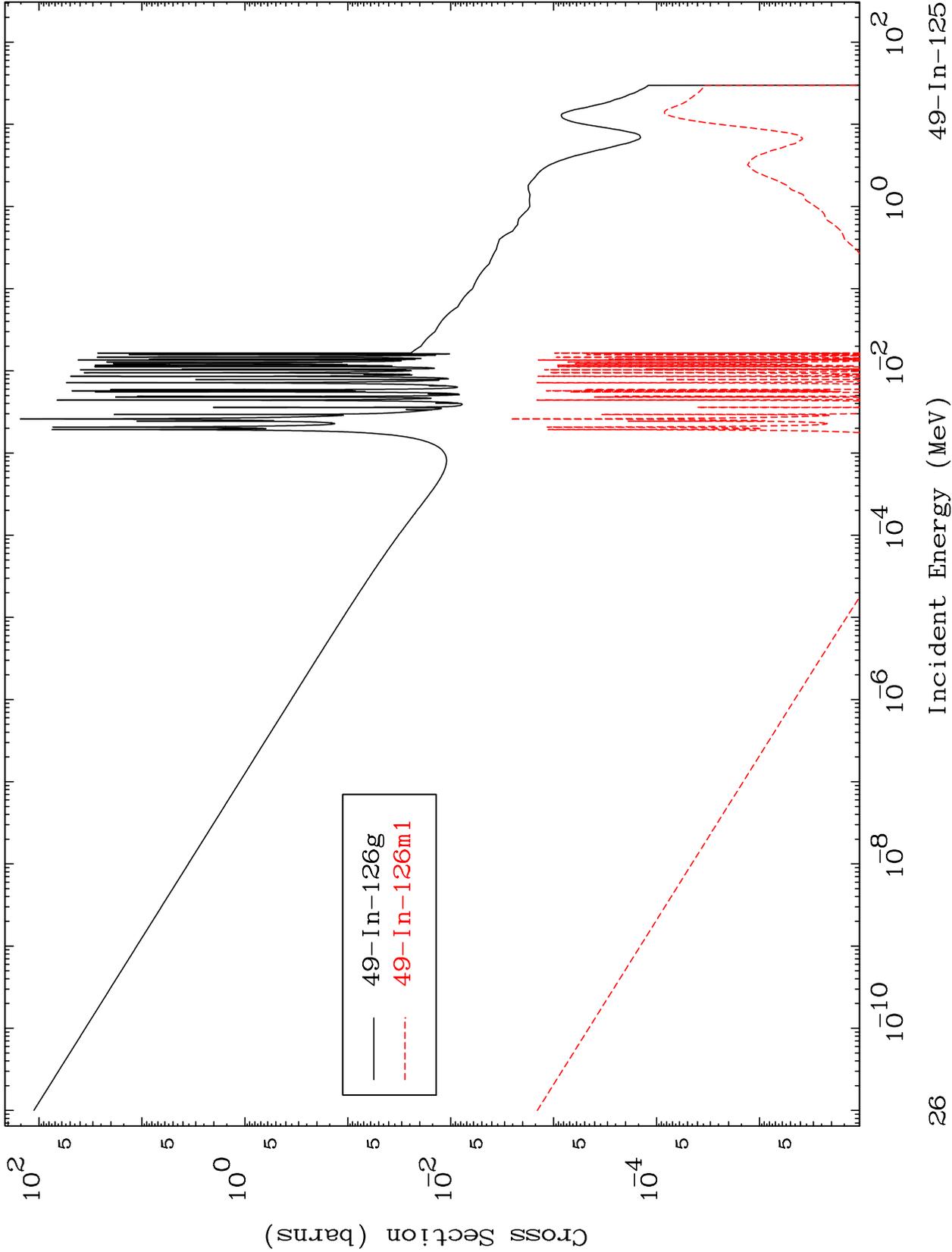


25

Incident Energy (MeV)

49-In-125

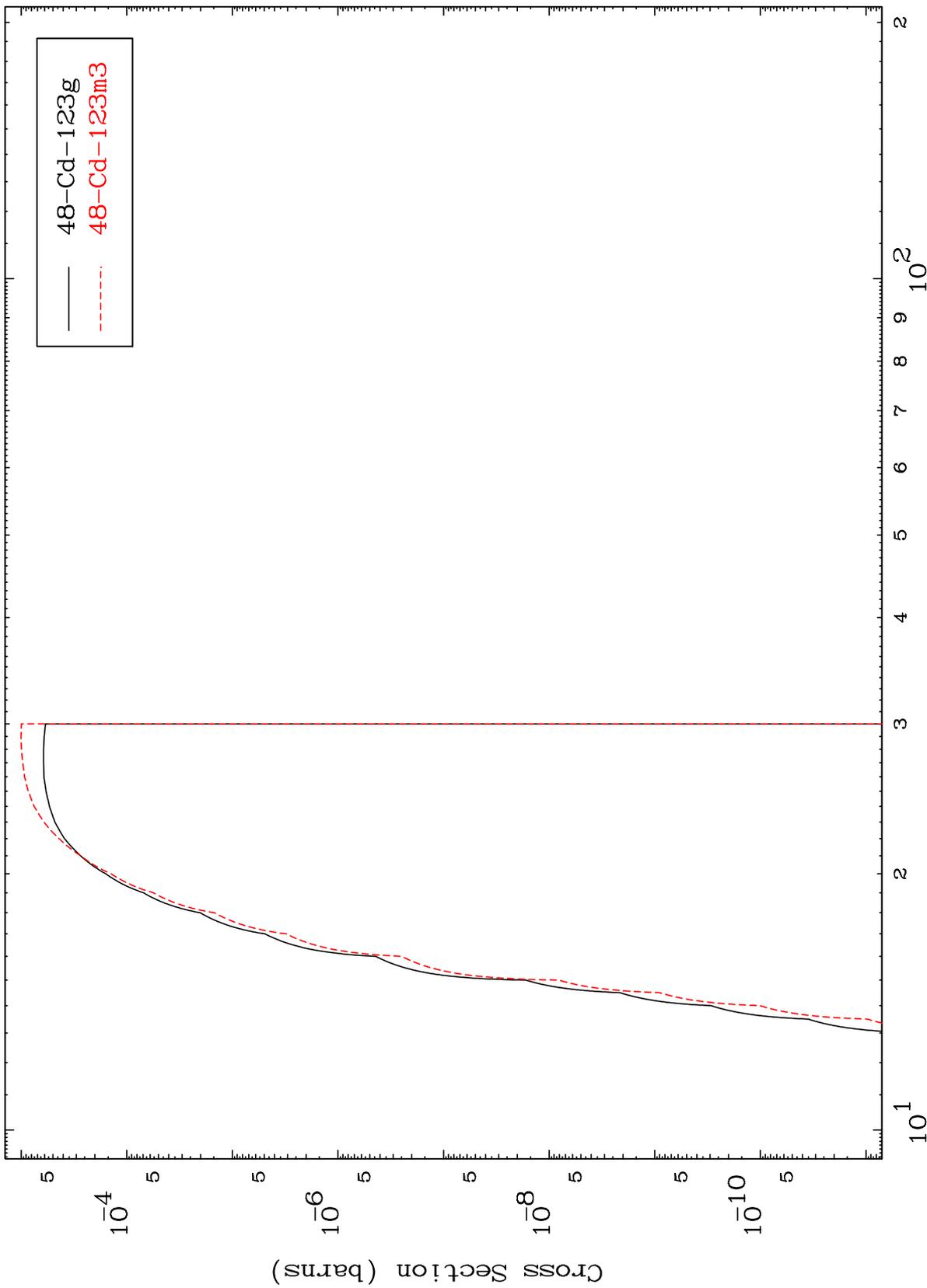
Radionuclide Production Cross Section



MAT 4962

49-In-125

(n,t)
Radionuclide Production Cross Section



— 48-Cd-123g
- - - 48-Cd-123m3

27

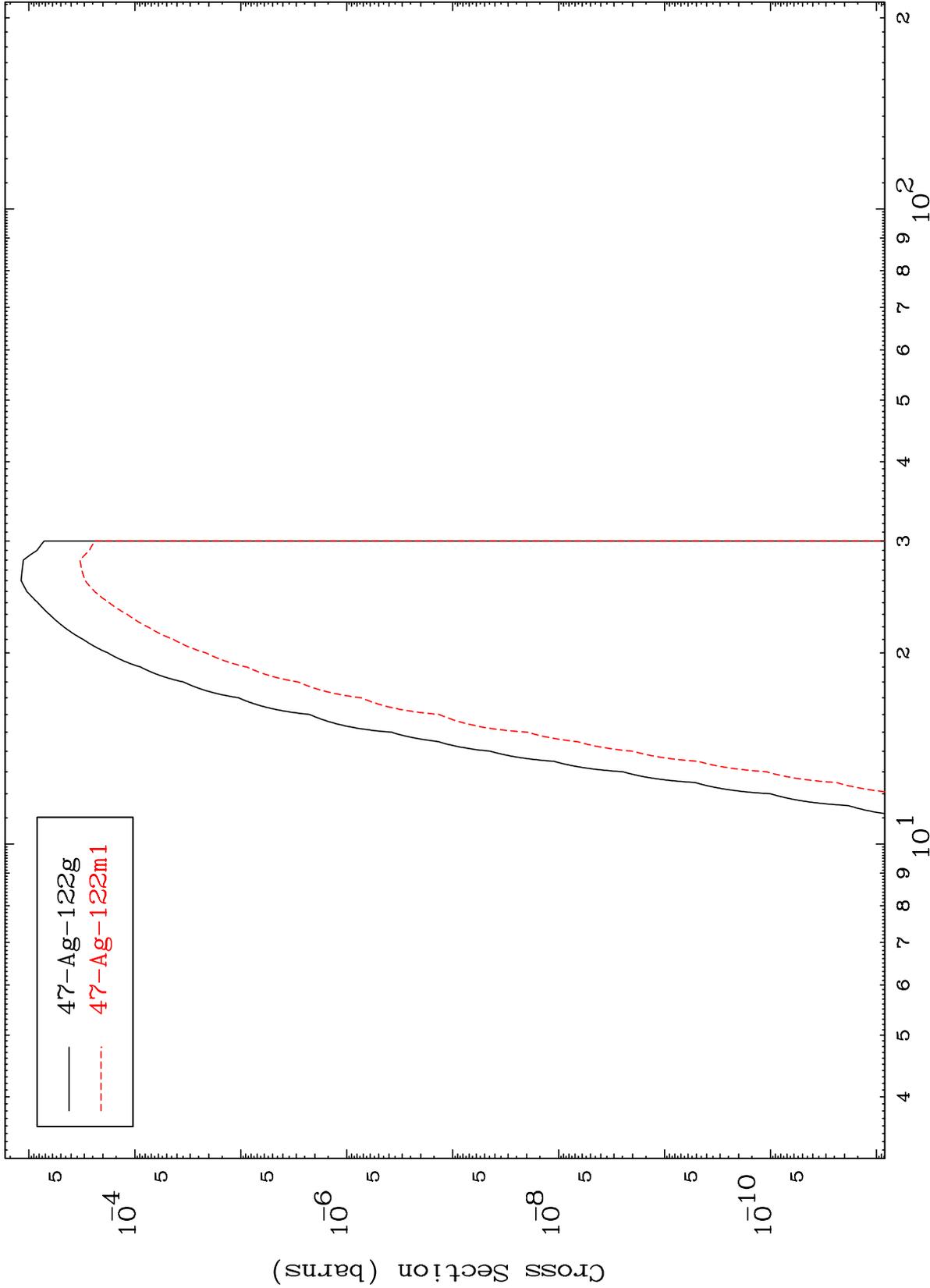
Incident Energy (MeV)

49-In-125

MAT 4962

49-In-125

Radionuclide Production Cross Section
(n, α)



— 47-Ag-122g
- - - 47-Ag-122m1

28

Incident Energy (MeV)

49-In-125