

Program EVALPLOT
(Version 2017-1)

by

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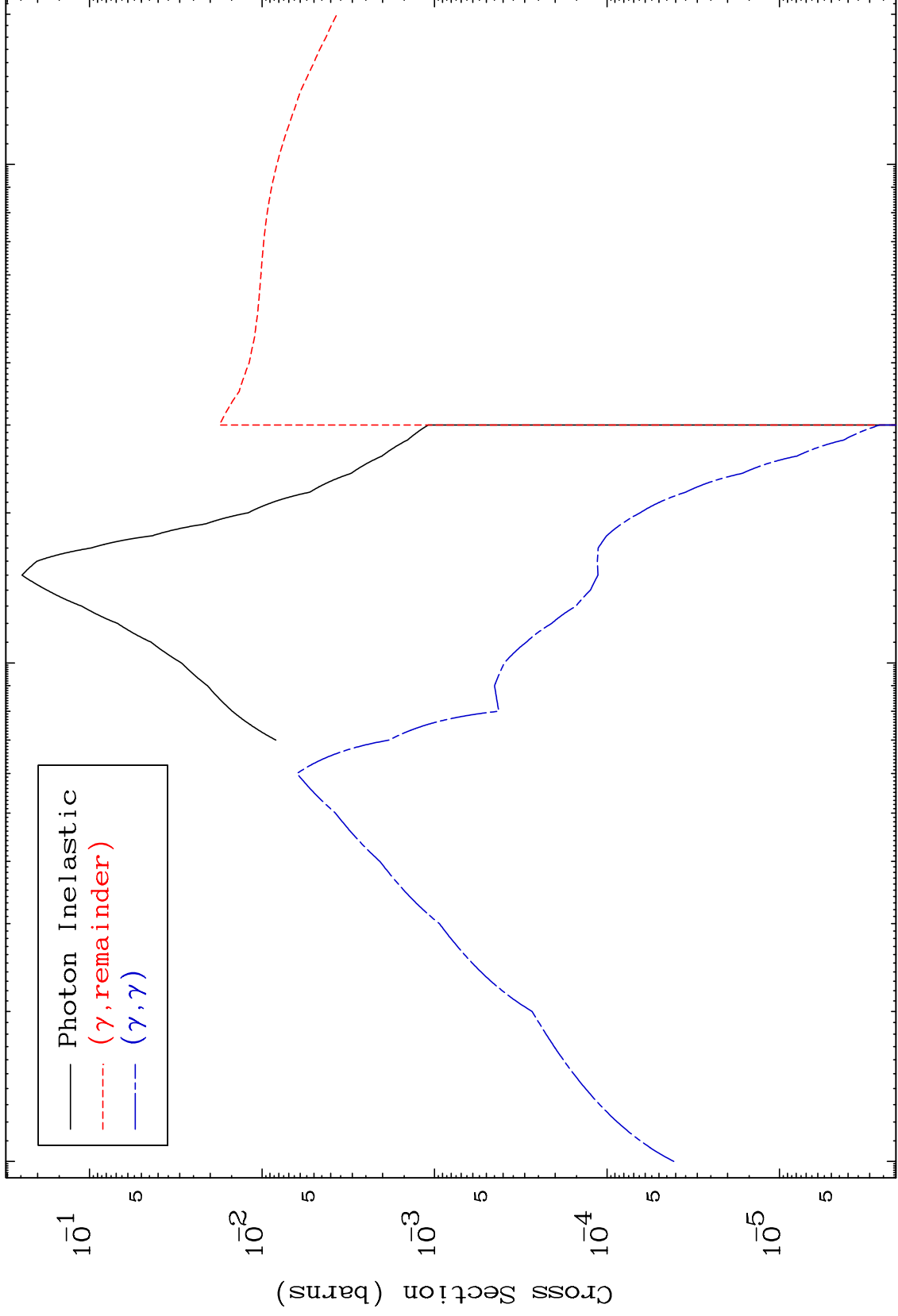
Press Mouse Button to Start

MAT 4940

Photon Major

49-In-118

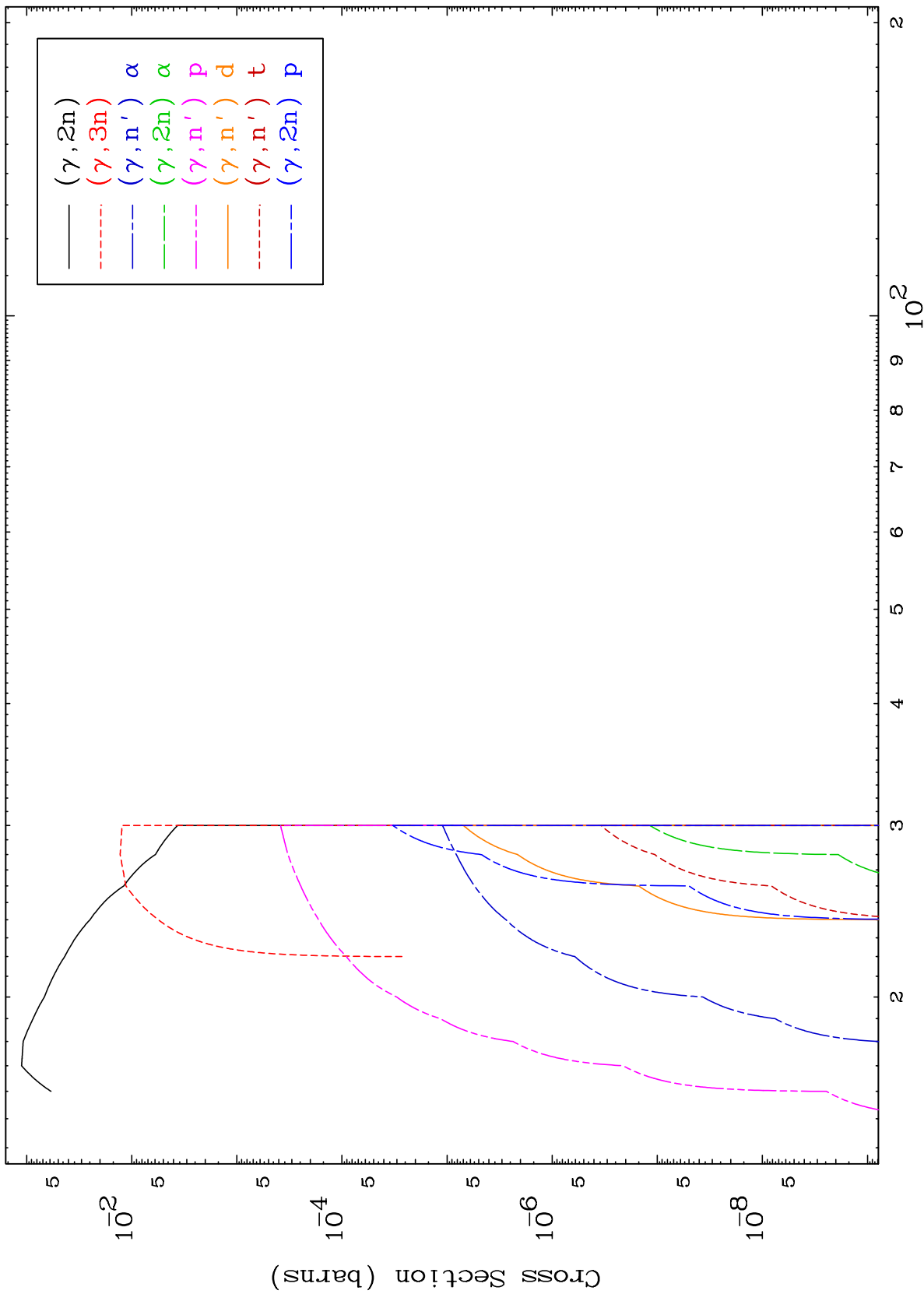
0 Kelvin Cross Sections

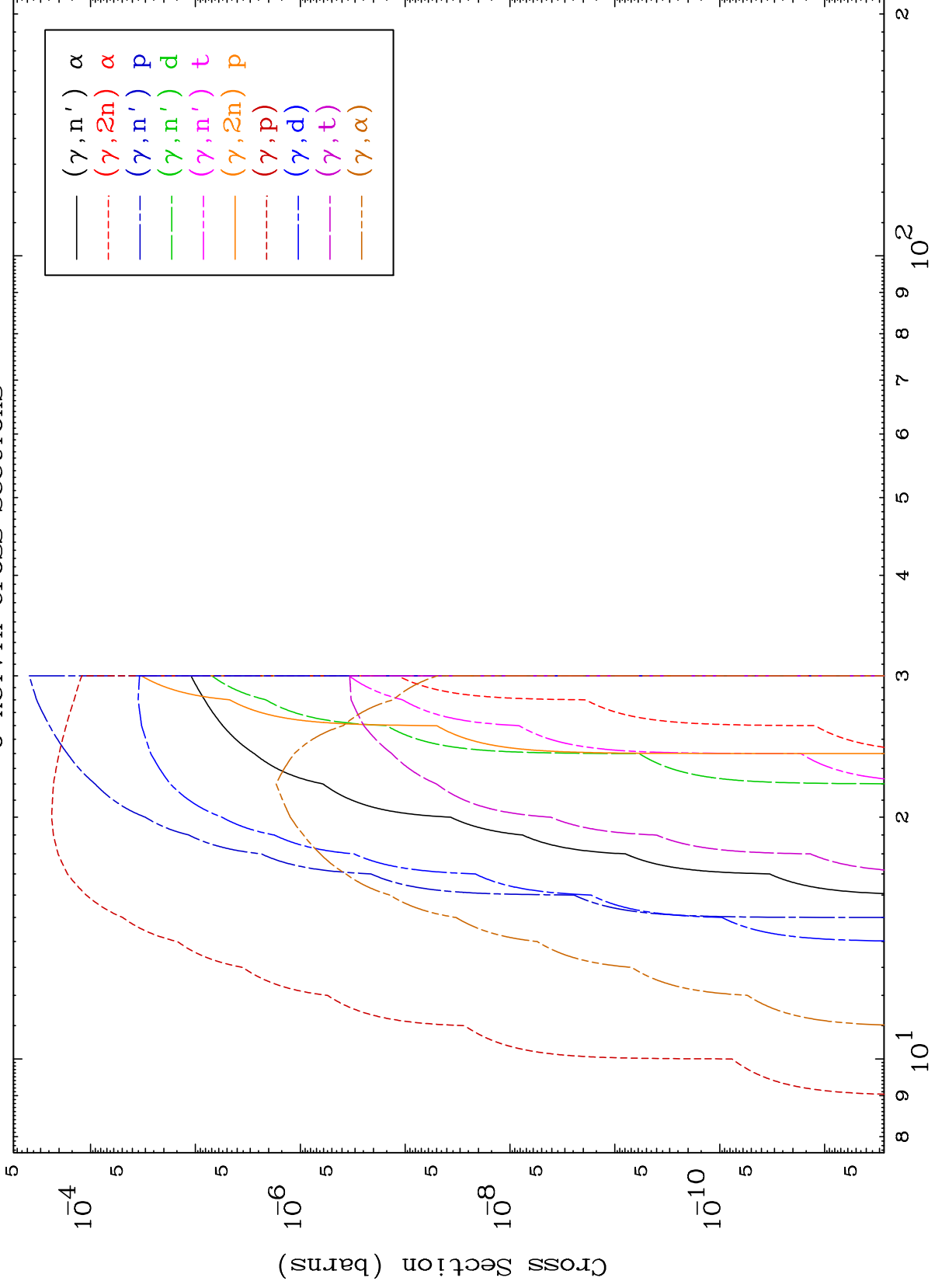


— Photon Inelastic
- - - (γ , remainder)
- . - (γ , γ)

10⁻¹
5
10⁻²
5
10⁻³
5
10⁻⁴
5
10⁻⁵
5
1
2
4
6
8
10¹
2
4
6
8
10²
2
49-In-118

Incident Energy (MeV)



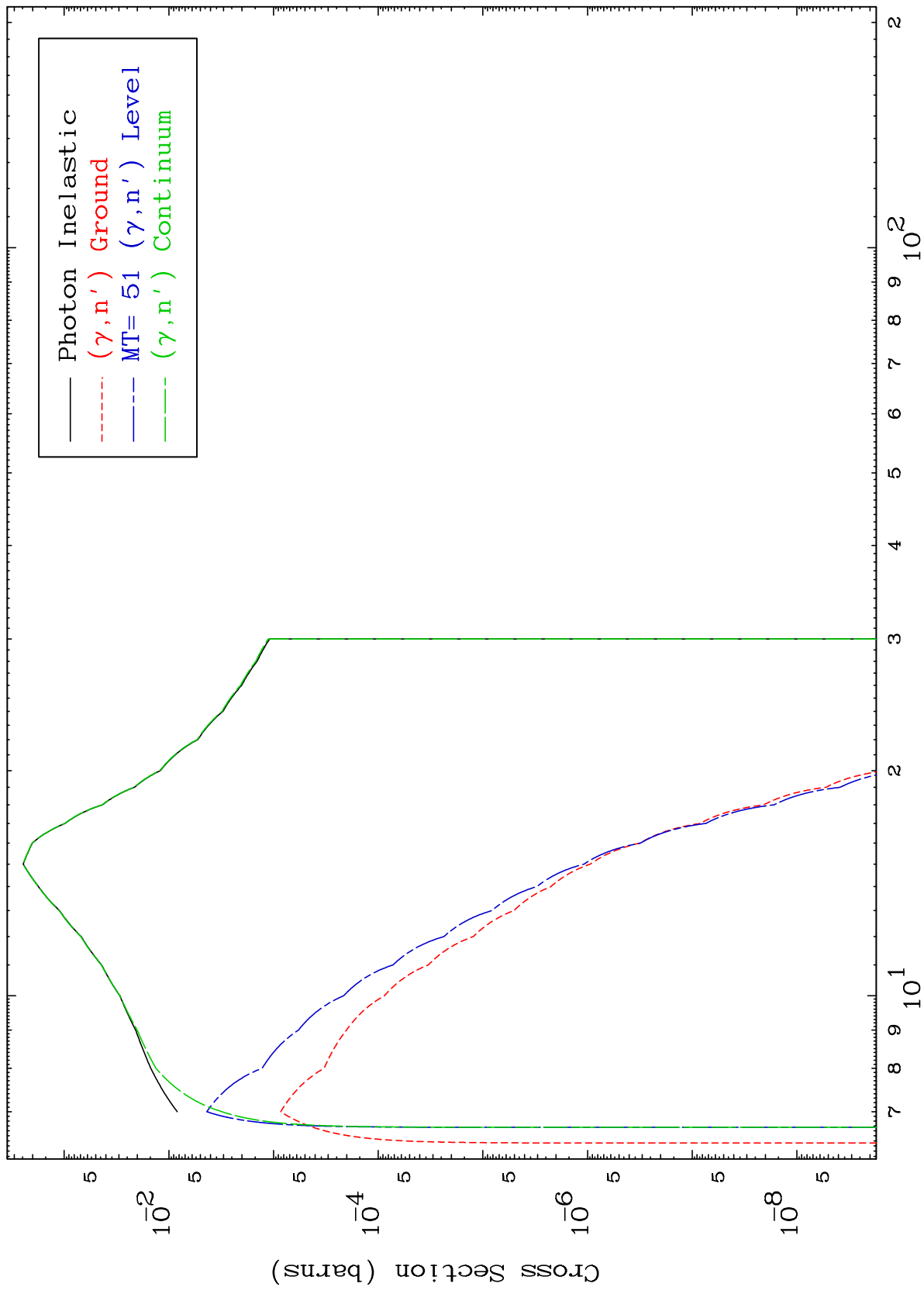


MAT 4940

(γ, n') Level

49-In-118

0 Kelvin Cross Sections



4

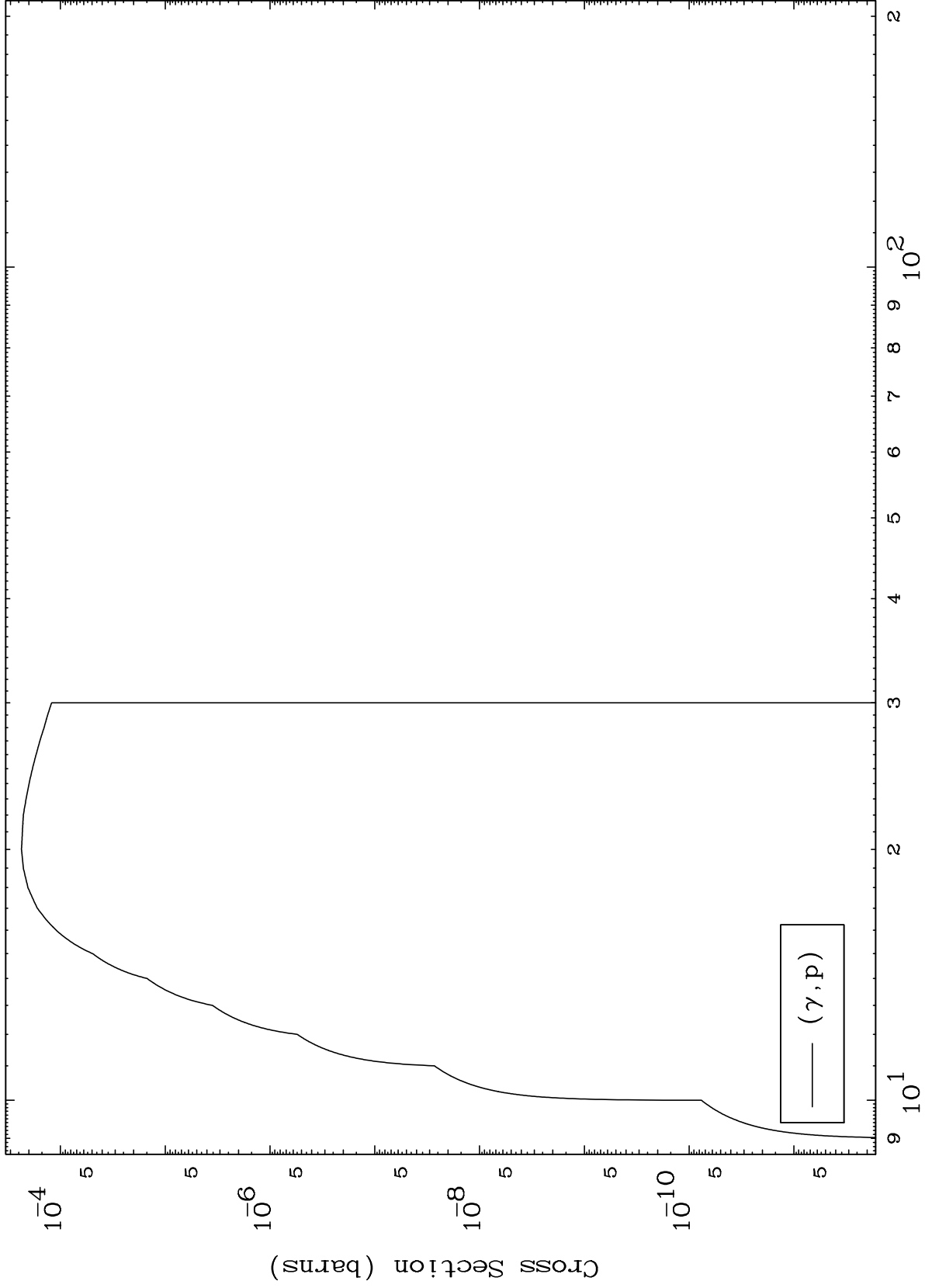
Incident Energy (MeV)

49-In-118

MAT 4940

(γ, p) Levels
0 Kelvin Cross Sections

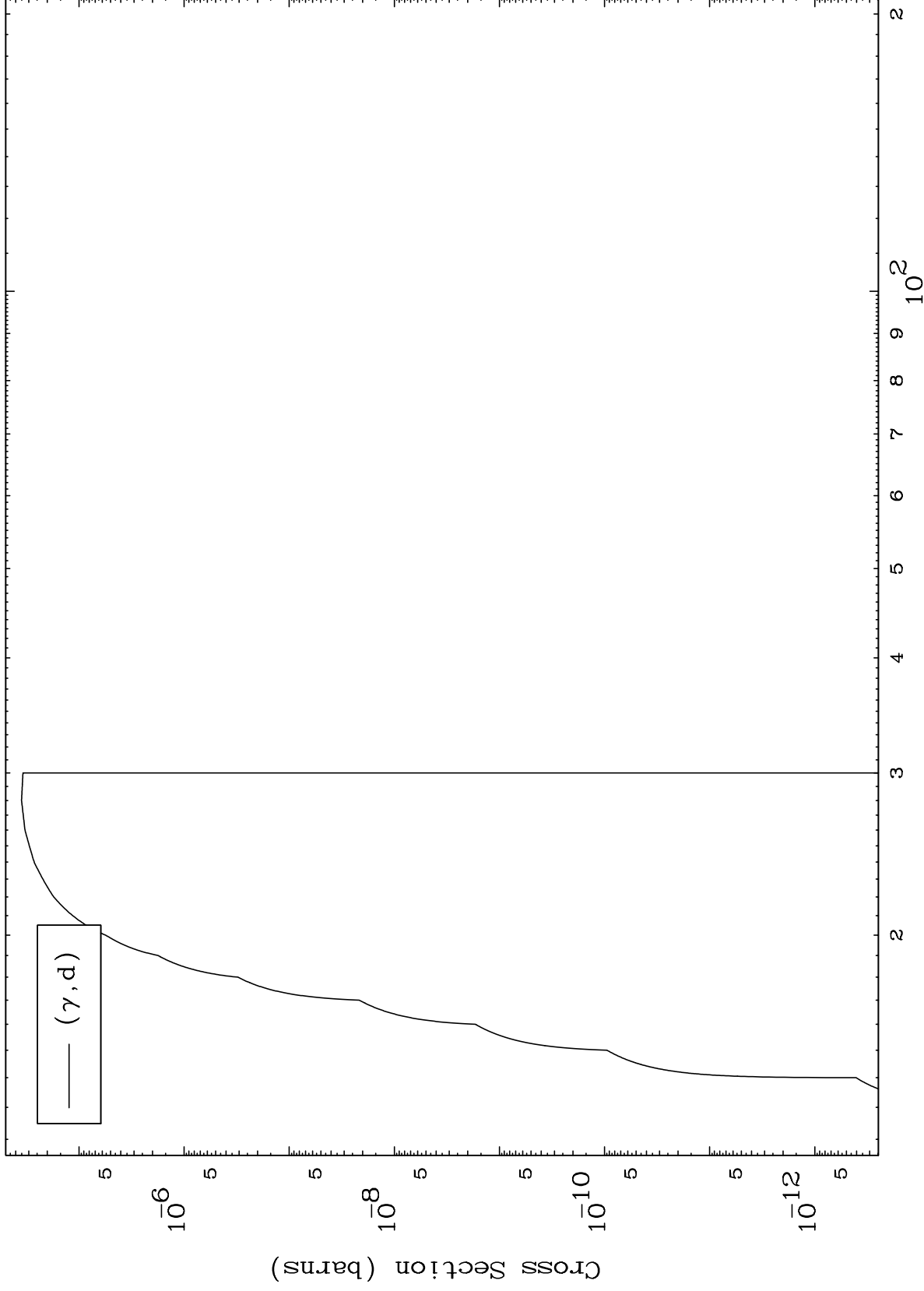
49-In-118



Incident Energy (MeV)

49-In-118

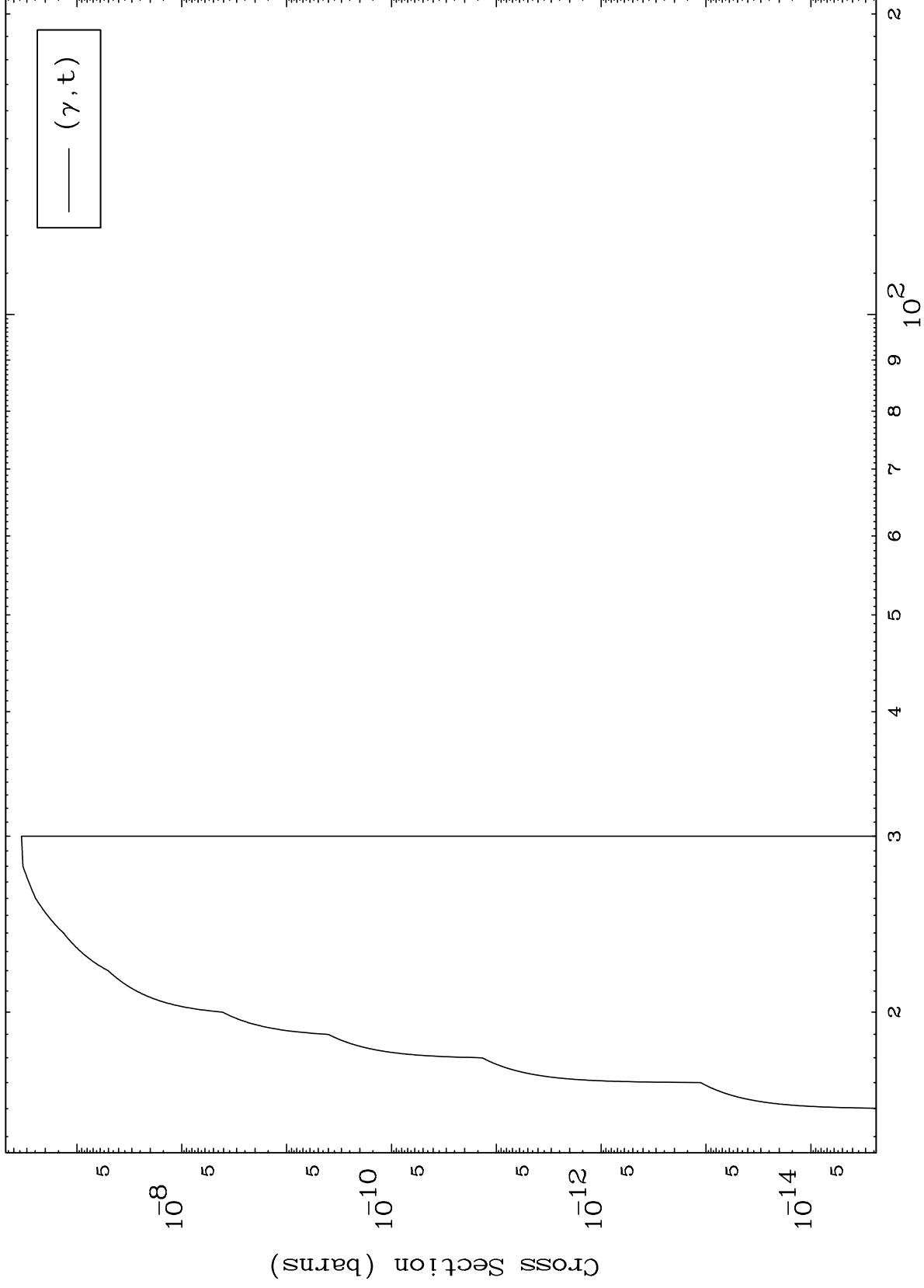
5



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(γ, t) Levels
0 Kelvin Cross Sections

49-In-118



7

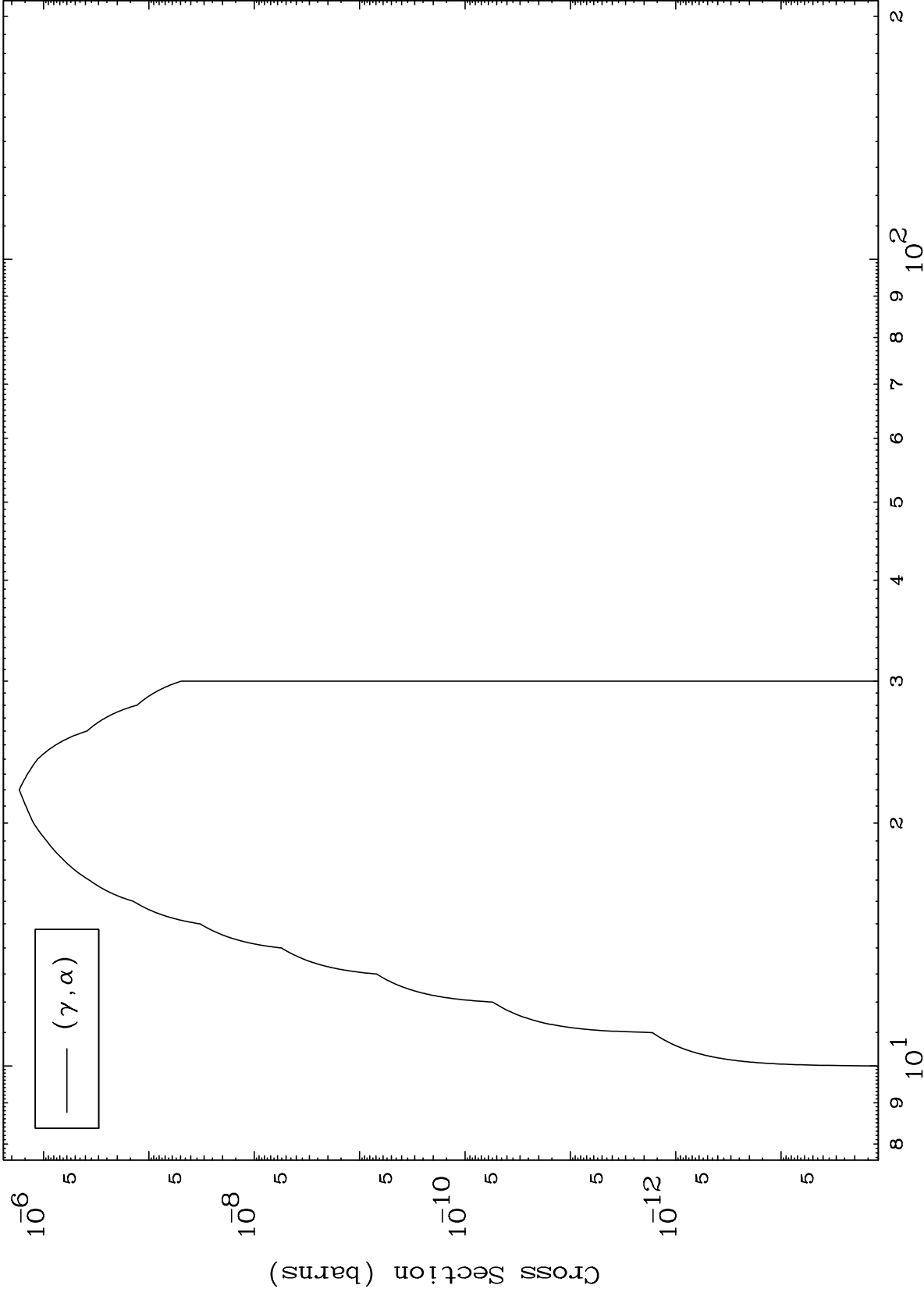
Incident Energy (MeV)

49-In-118

MAT 4940

(γ, α) Levels
0 Kelvin Cross Sections

49-In-118



8

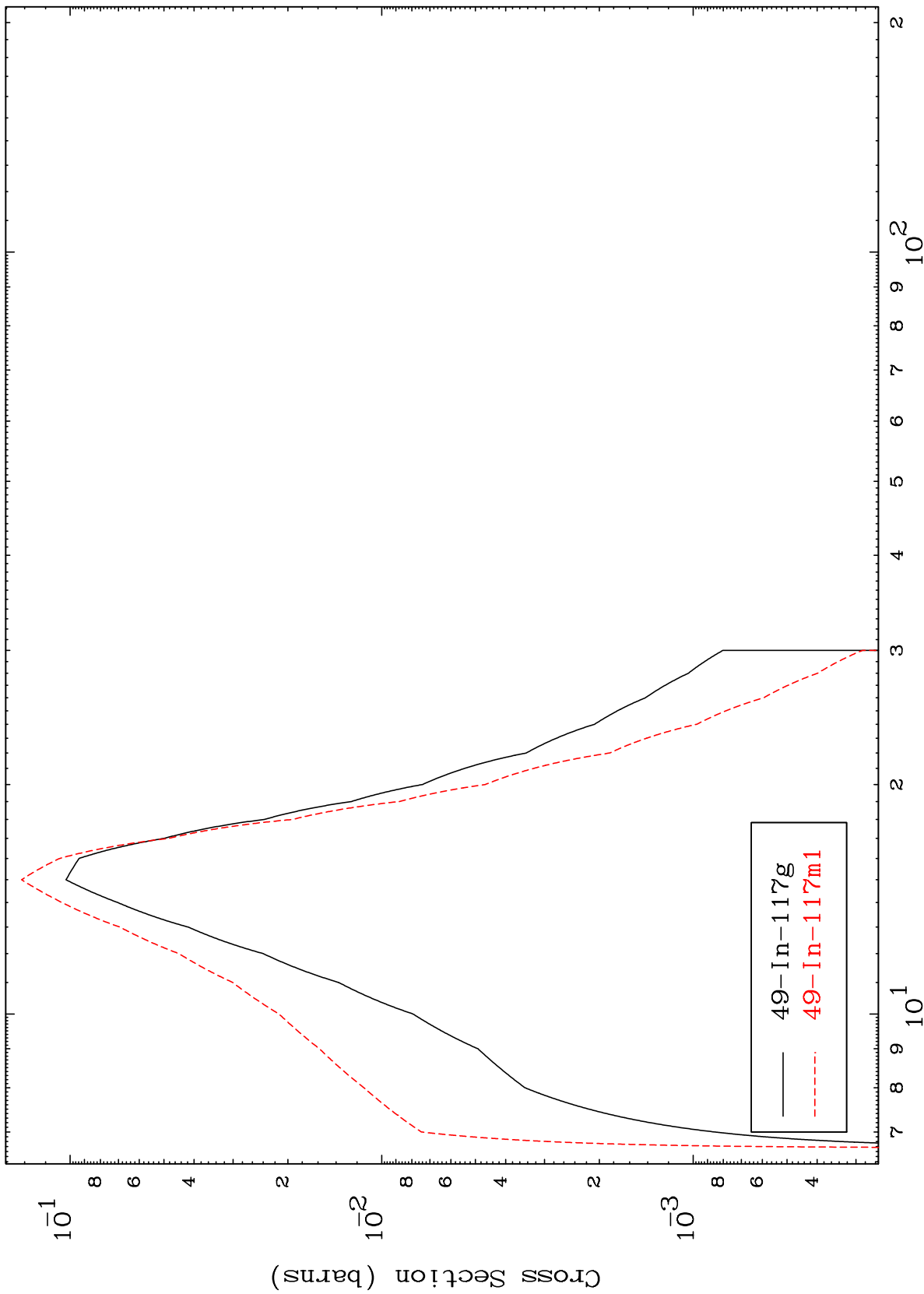
Incident Energy (MeV)

49-In-118

MAT 4940

Photon Inelastic
Radionuclide Production Cross Section

49-In-118



9

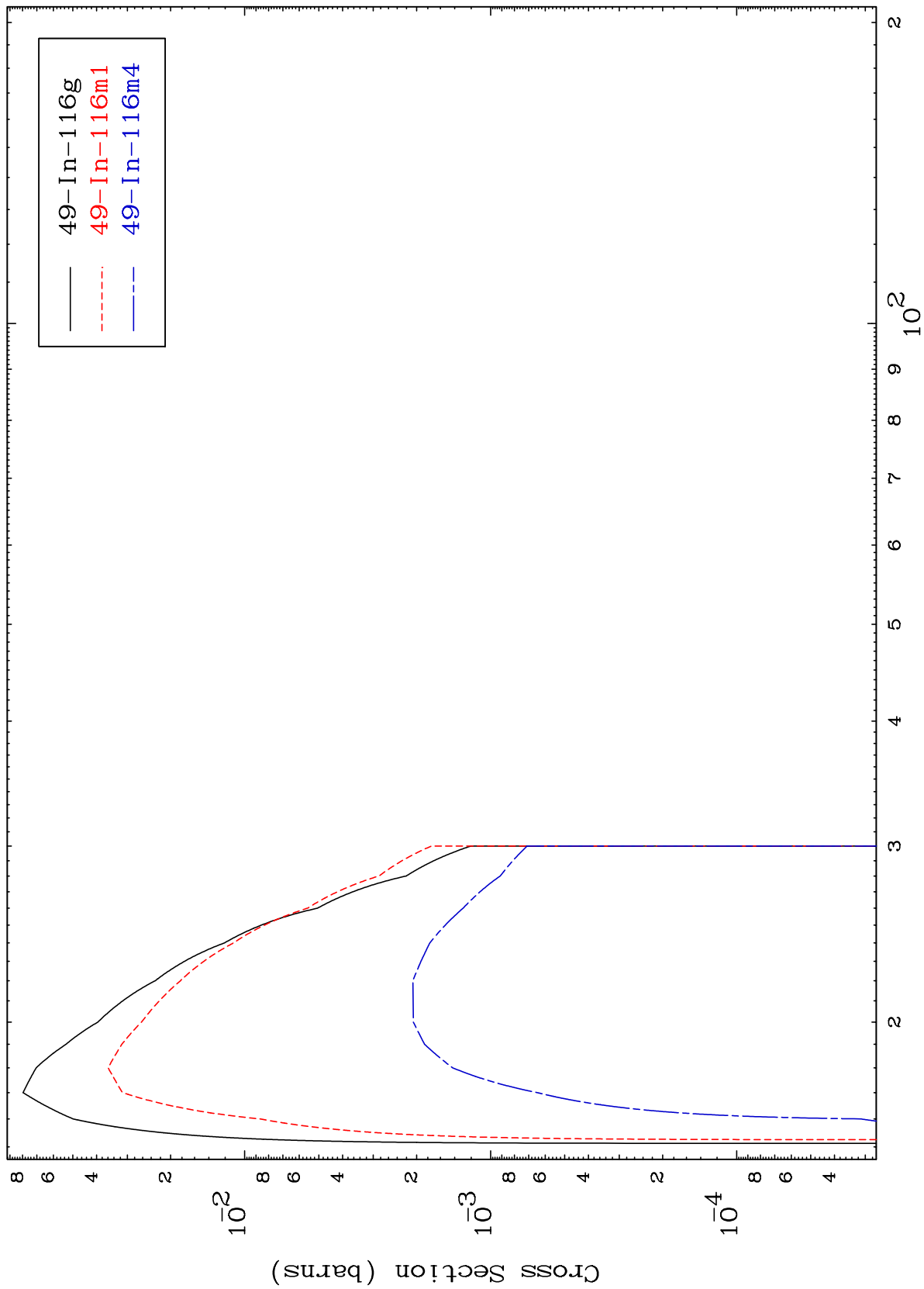
Incident Energy (MeV)

49-In-118

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49-In-118

($\gamma, 2n$)
Radionuclide Production Cross Section



49-In-118

Incident Energy (MeV)

10

10²

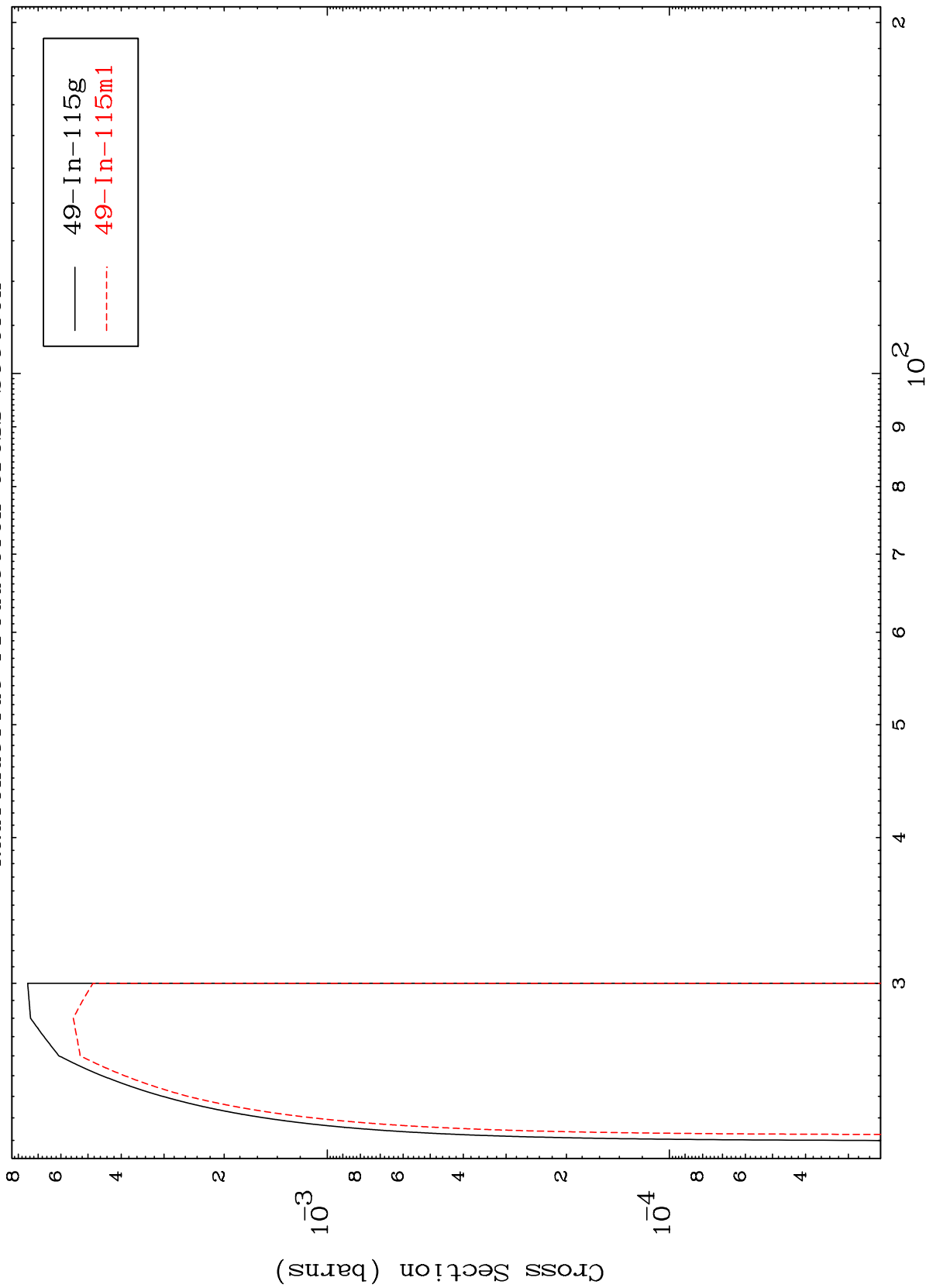
2

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49-In-118

($\gamma, 3n$)

Radionuclide Production Cross Section



11

Incident Energy (MeV)

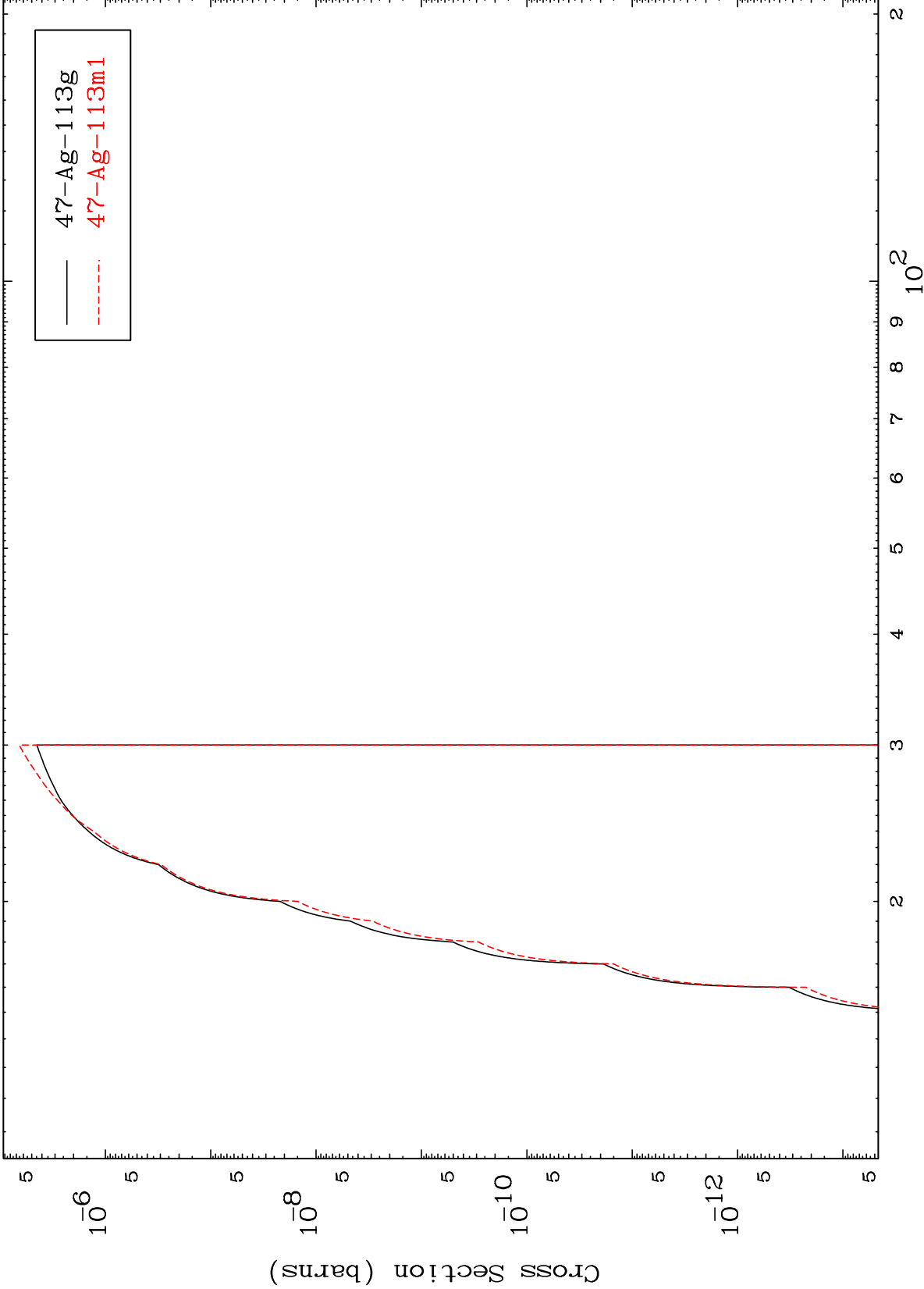
49-In-118

MAT 4940

(γ, n') α

49-In-118

Radionuclide Production Cross Section



12

Incident Energy (MeV)

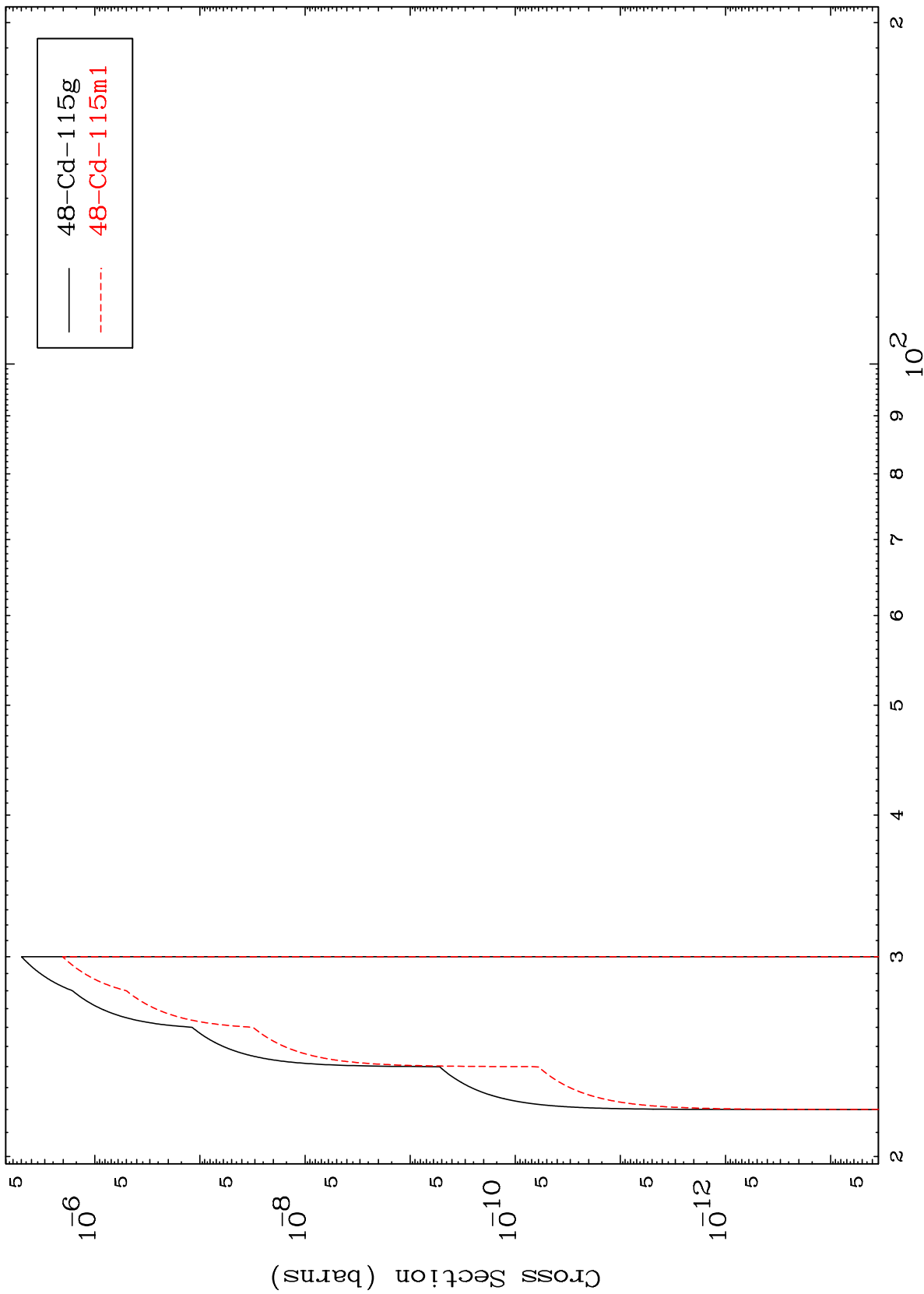
49-In-118

MAT 4940

(γ, n') d

49-In-118

Radionuclide Production Cross Section



13

Incident Energy (MeV)

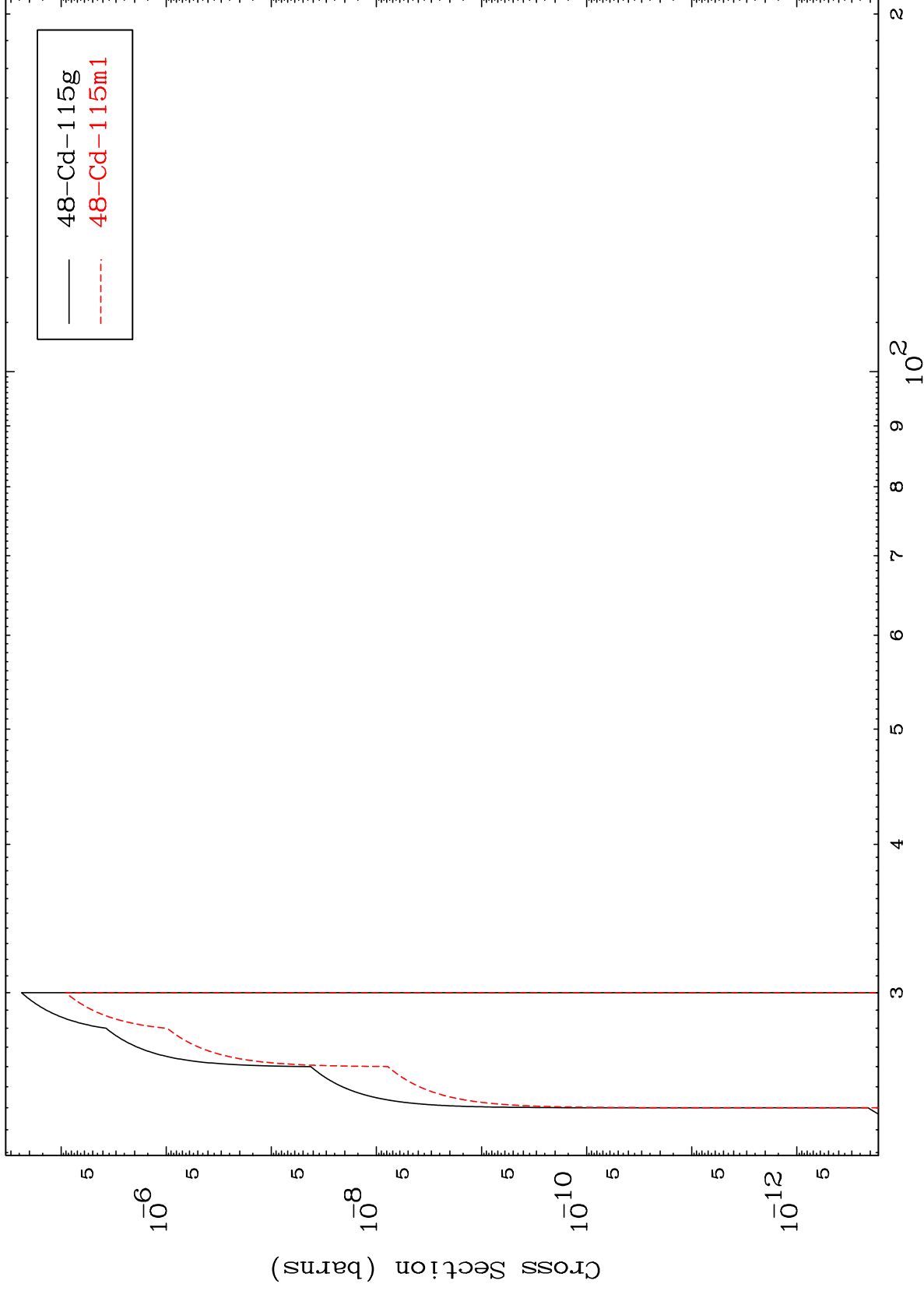
49-In-118

MAT 4940

$(\gamma, 2n)$ p

49-In-118

Radionuclide Production Cross Section



14

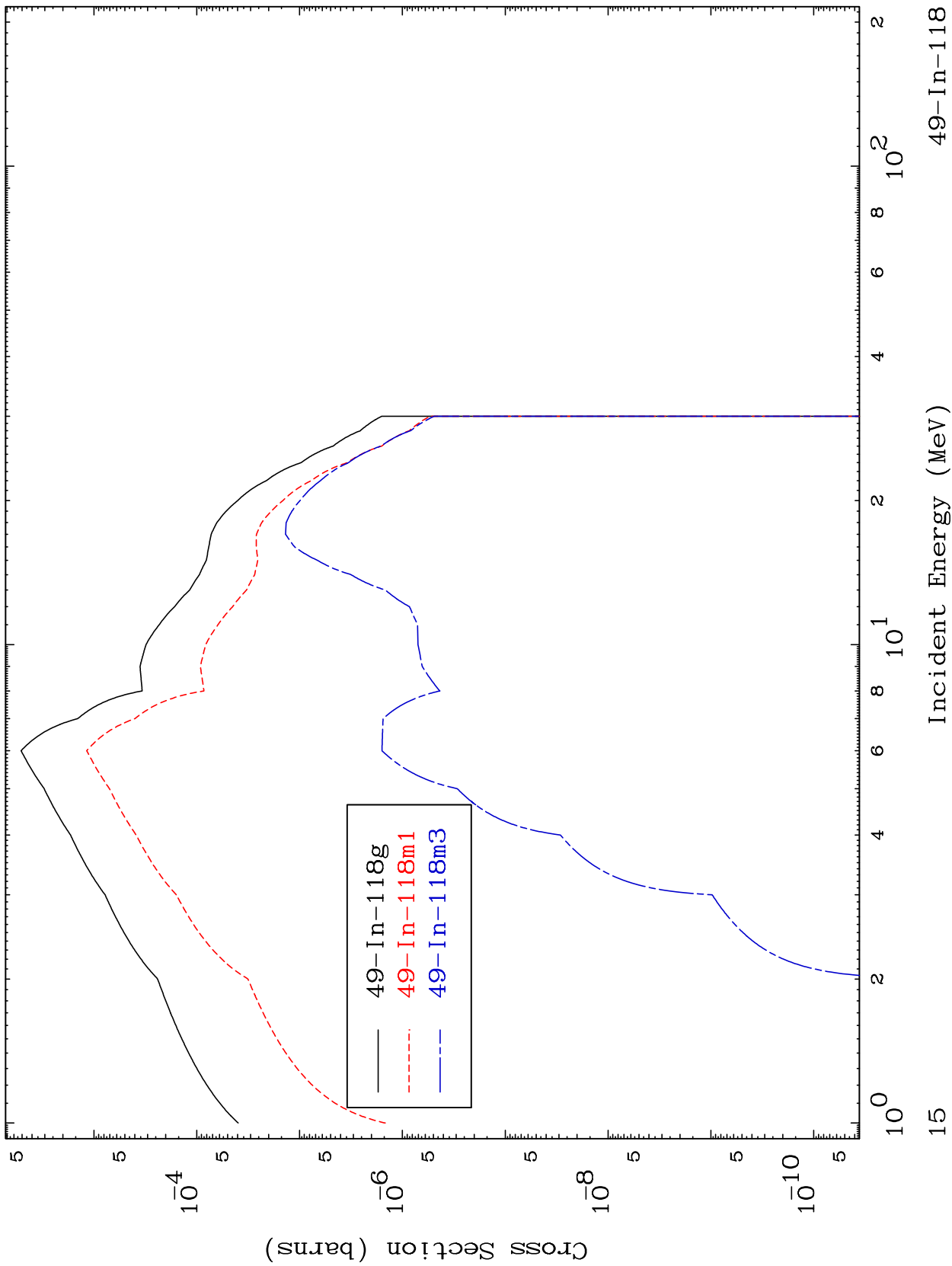
Incident Energy (MeV)

49-In-118

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49-In-118

Radionuclide Production Cross Section
(γ, γ)



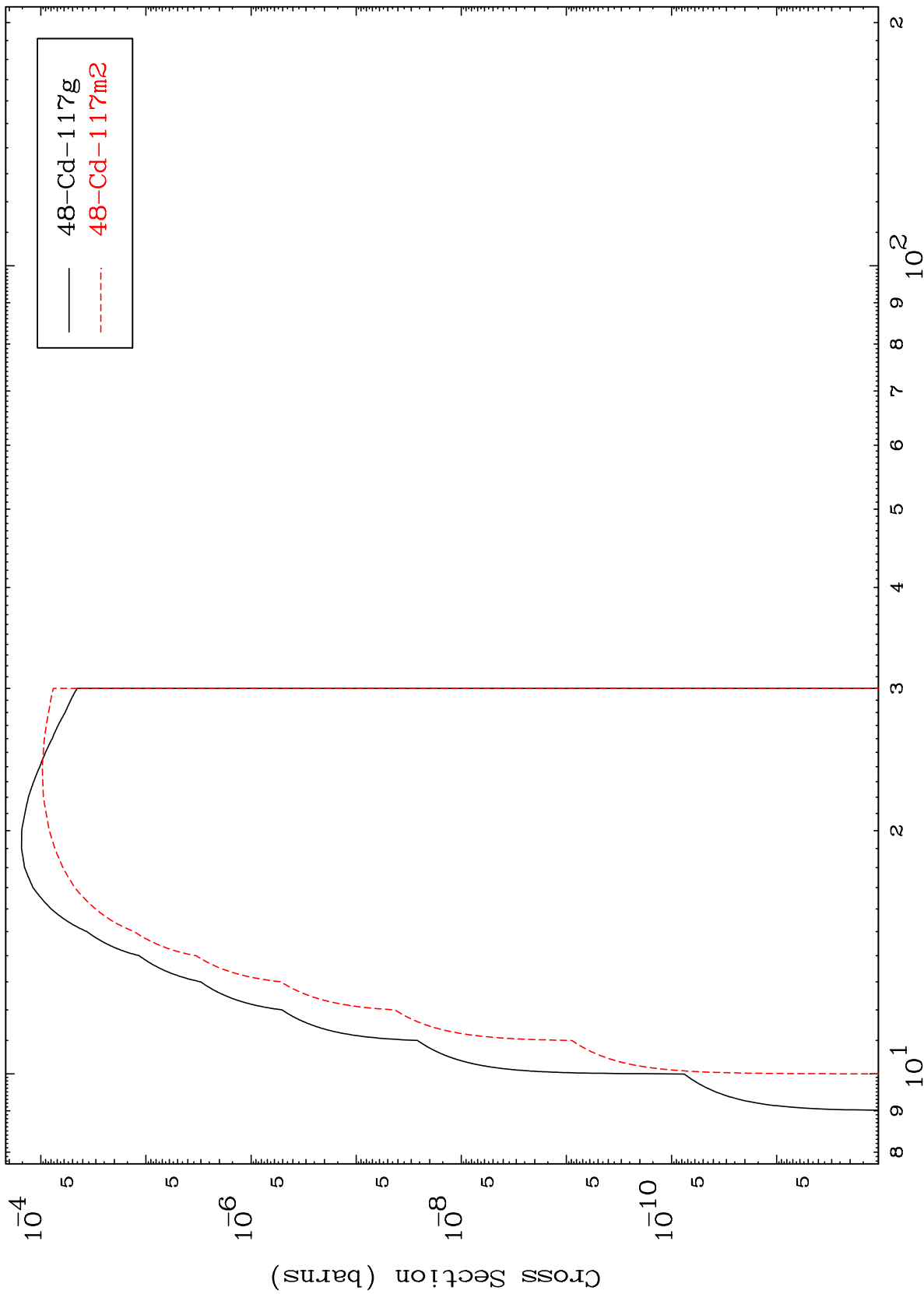
49-In-118

Incident Energy (MeV)

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49-In-118

(γ, p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

49-In-118

(γ, t)
Radionuclide Production Cross Section

