

Program EVALPLOT
(Version 2021-1)

by

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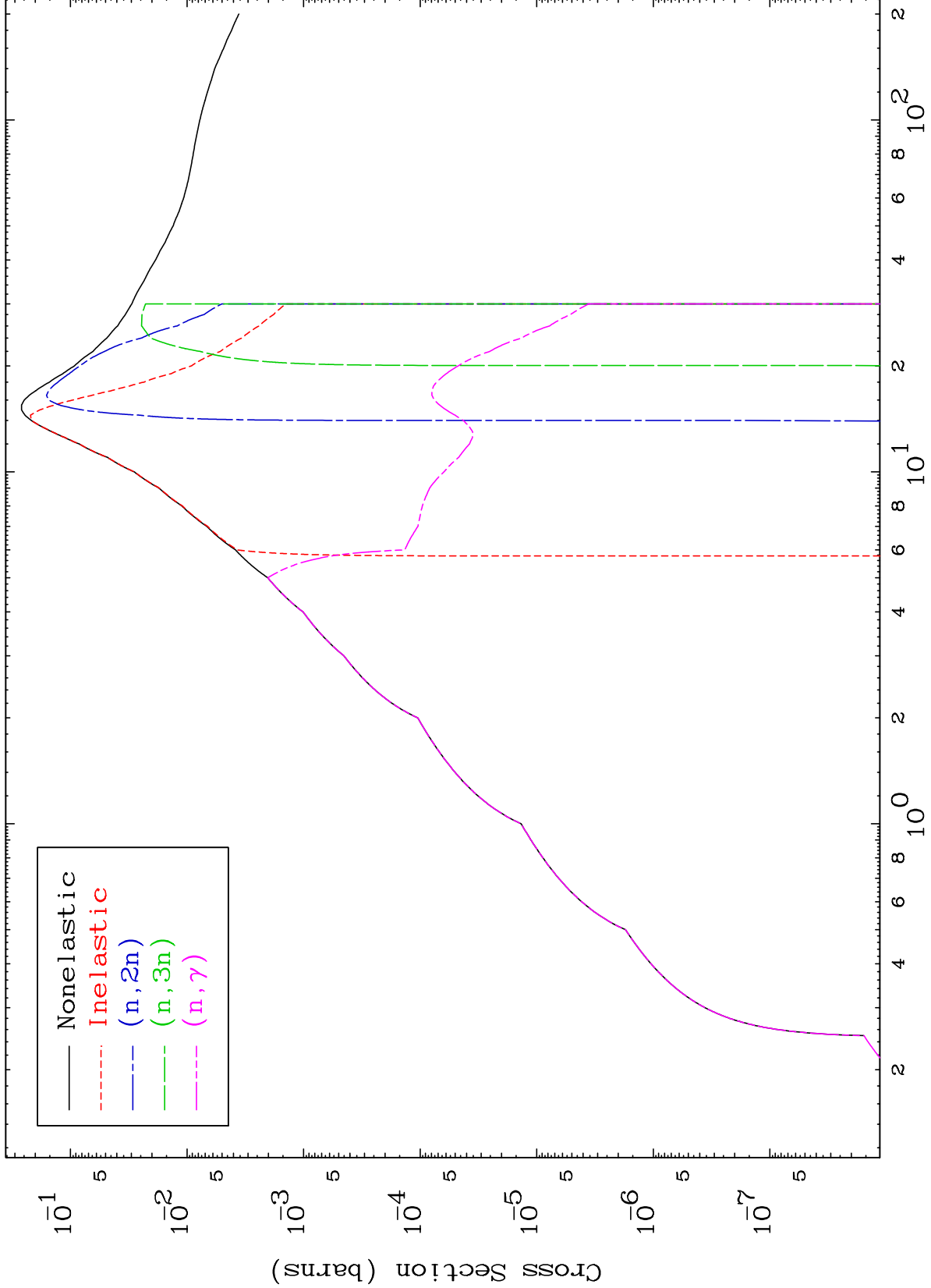
Press Mouse Button to Start

MAT 4953

Photon Major

49-In-122m

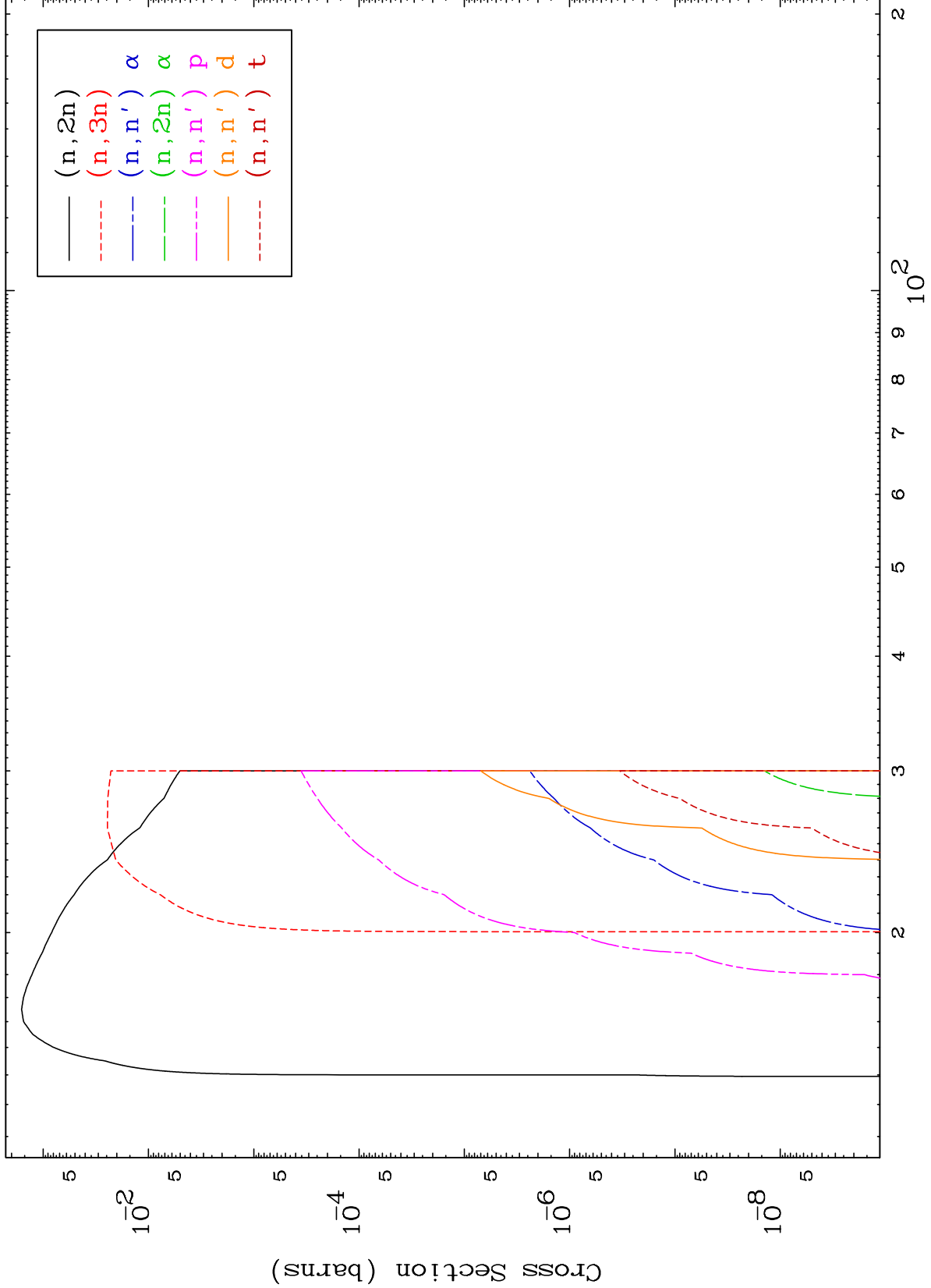
0 Kelvin Cross Sections



MAT 4953

Photon Neutron Absorption
0 Kelvin Cross Sections

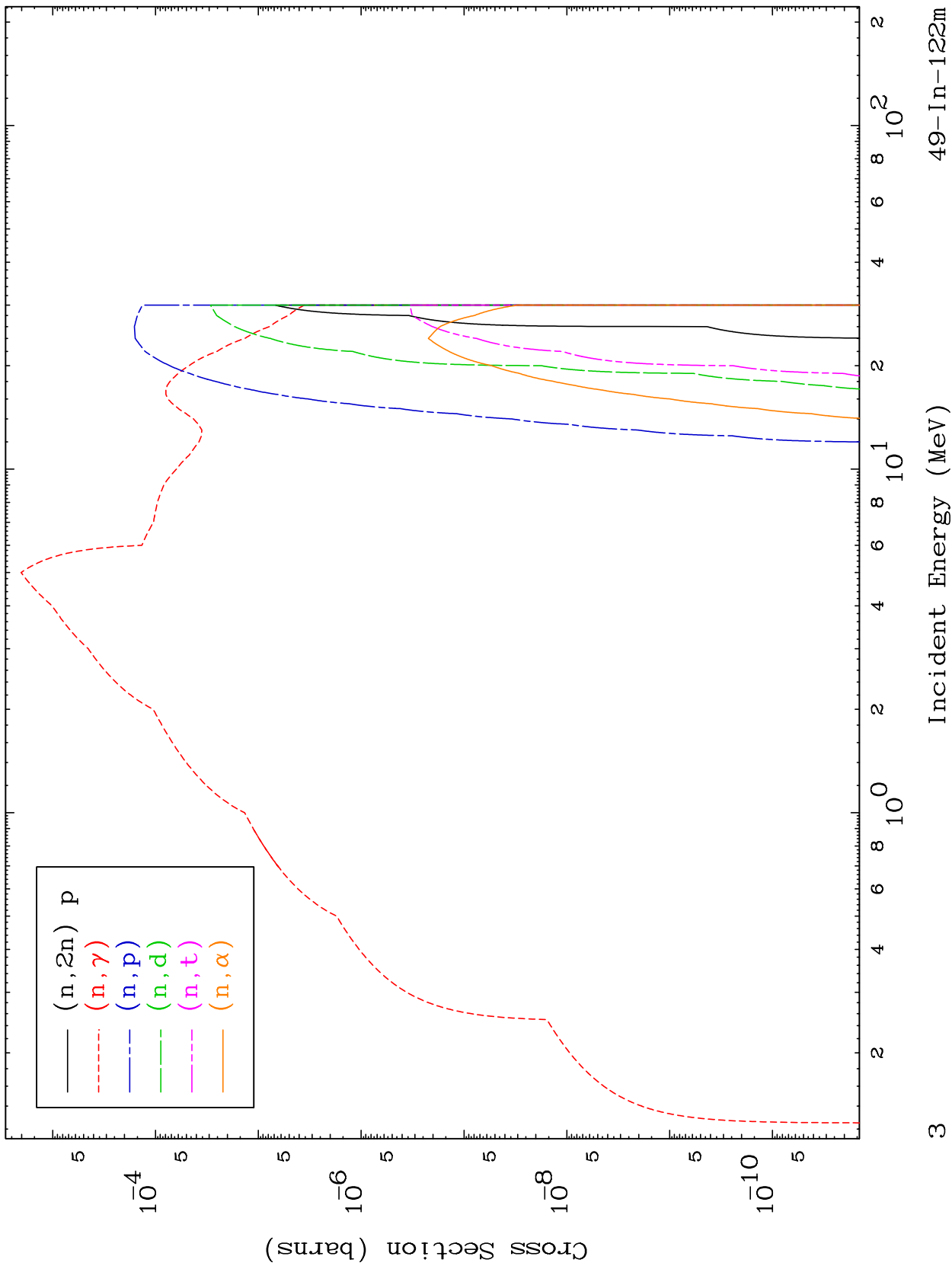
49-In-122m



2

Incident Energy (MeV)

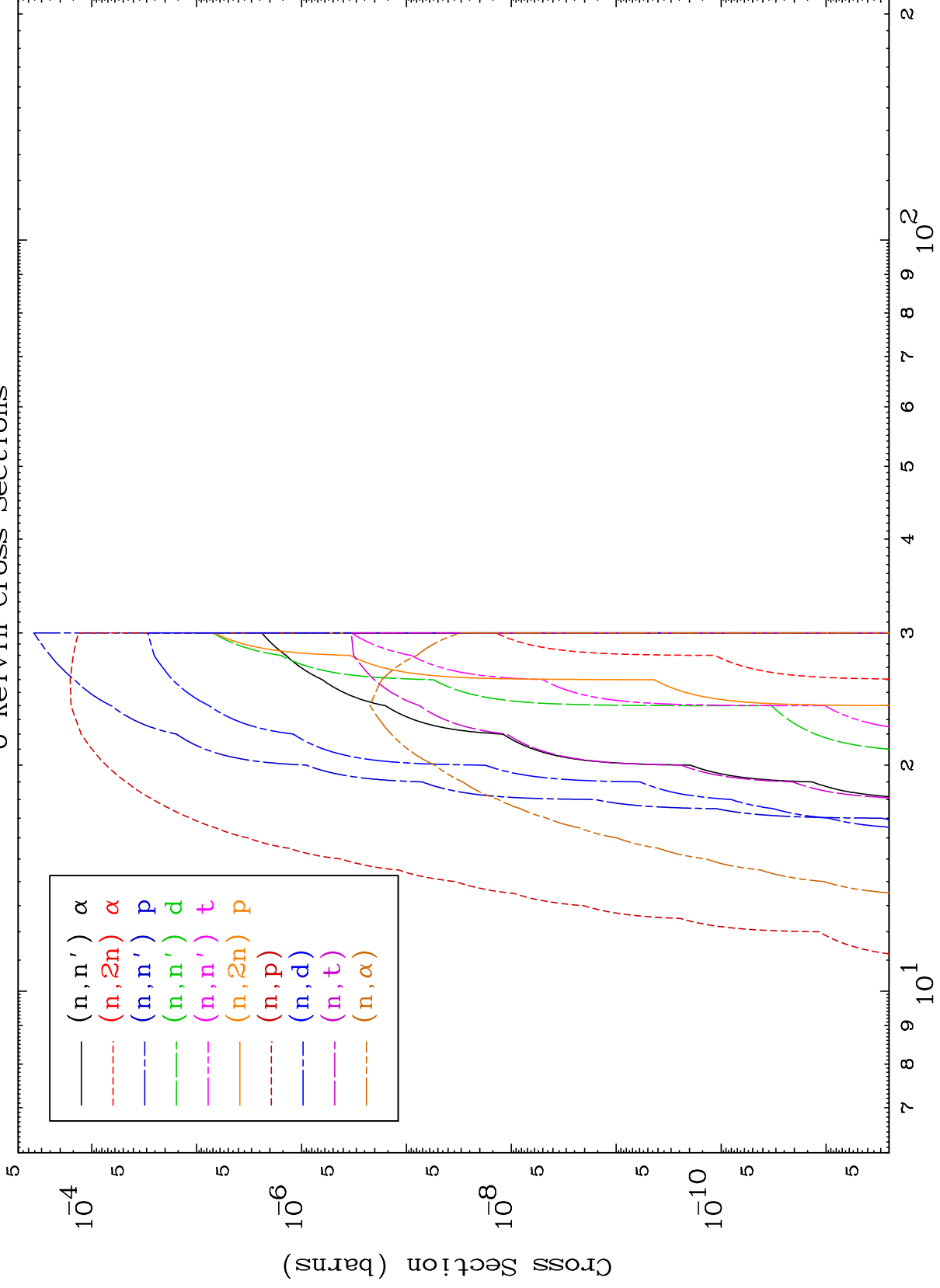
49-In-122m



MAT 4953

Photon Charged Particle
0 Kelvin Cross Sections

49-In-122m

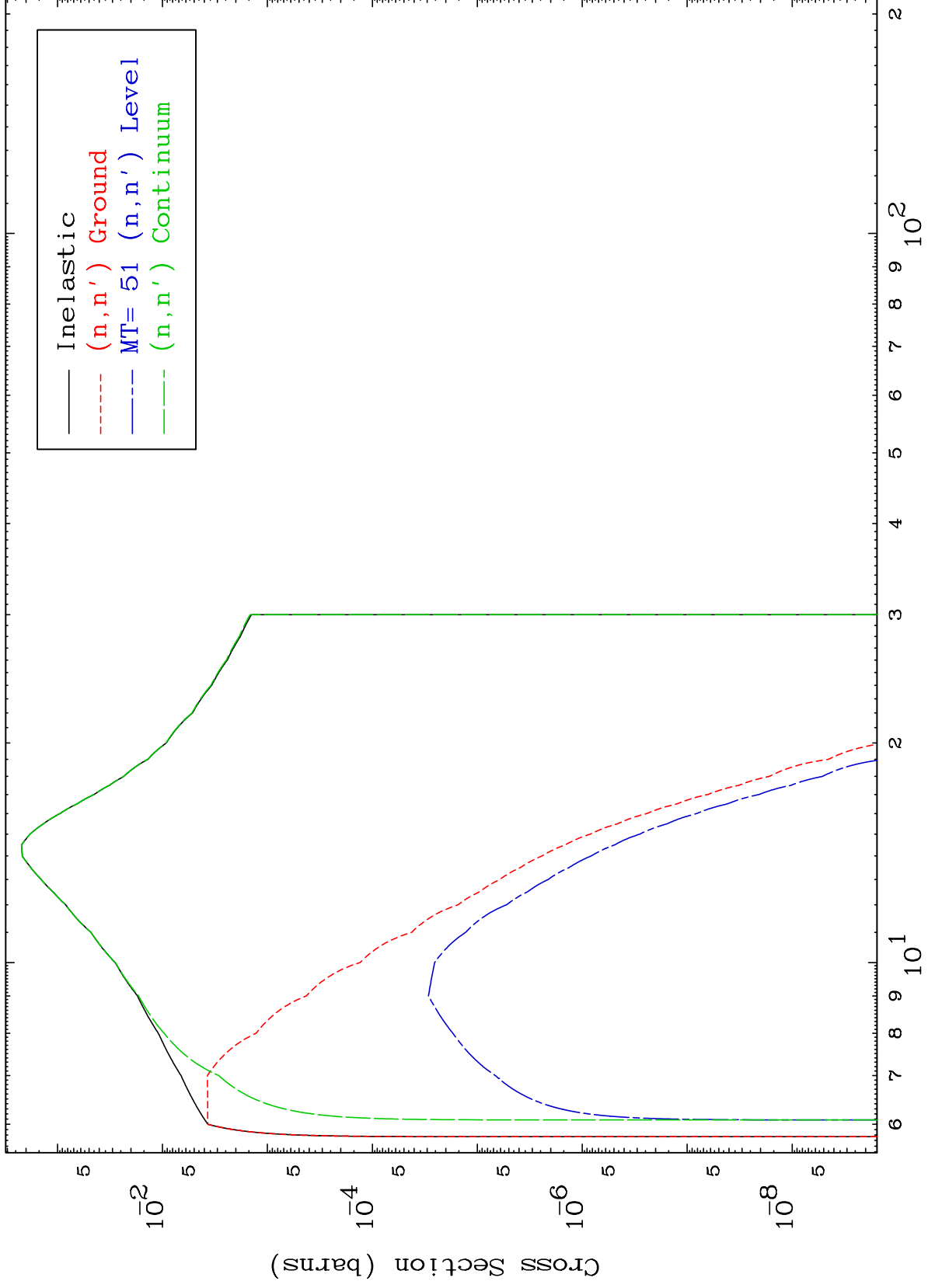


MAT 4953

(γ, n') Levels

49-In-122m

0 Kelvin Cross Sections



5

Incident Energy (MeV)

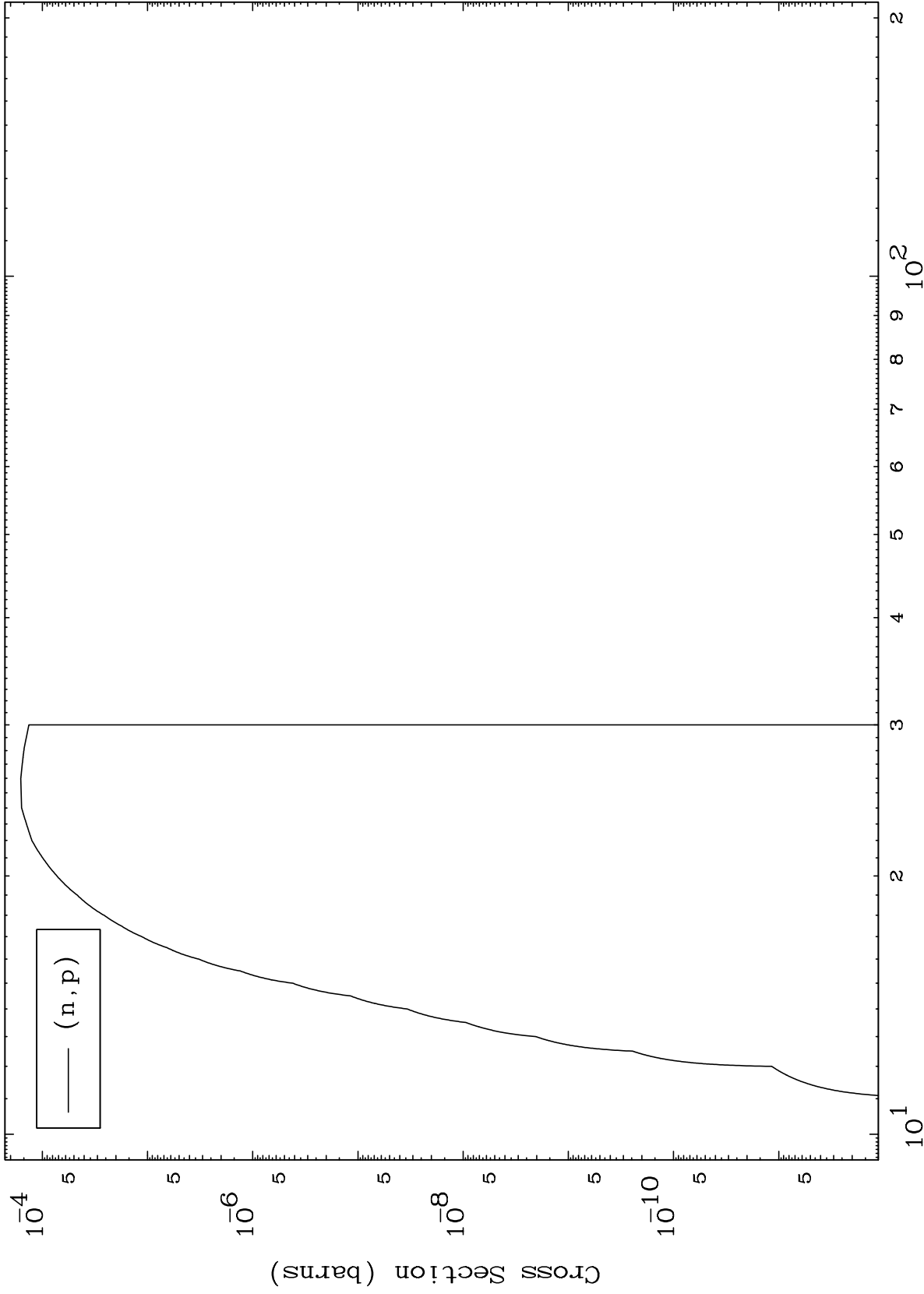
49-In-122m

MAT 4953

(γ, p) Levels

49-In-122m

0 Kelvin Cross Sections



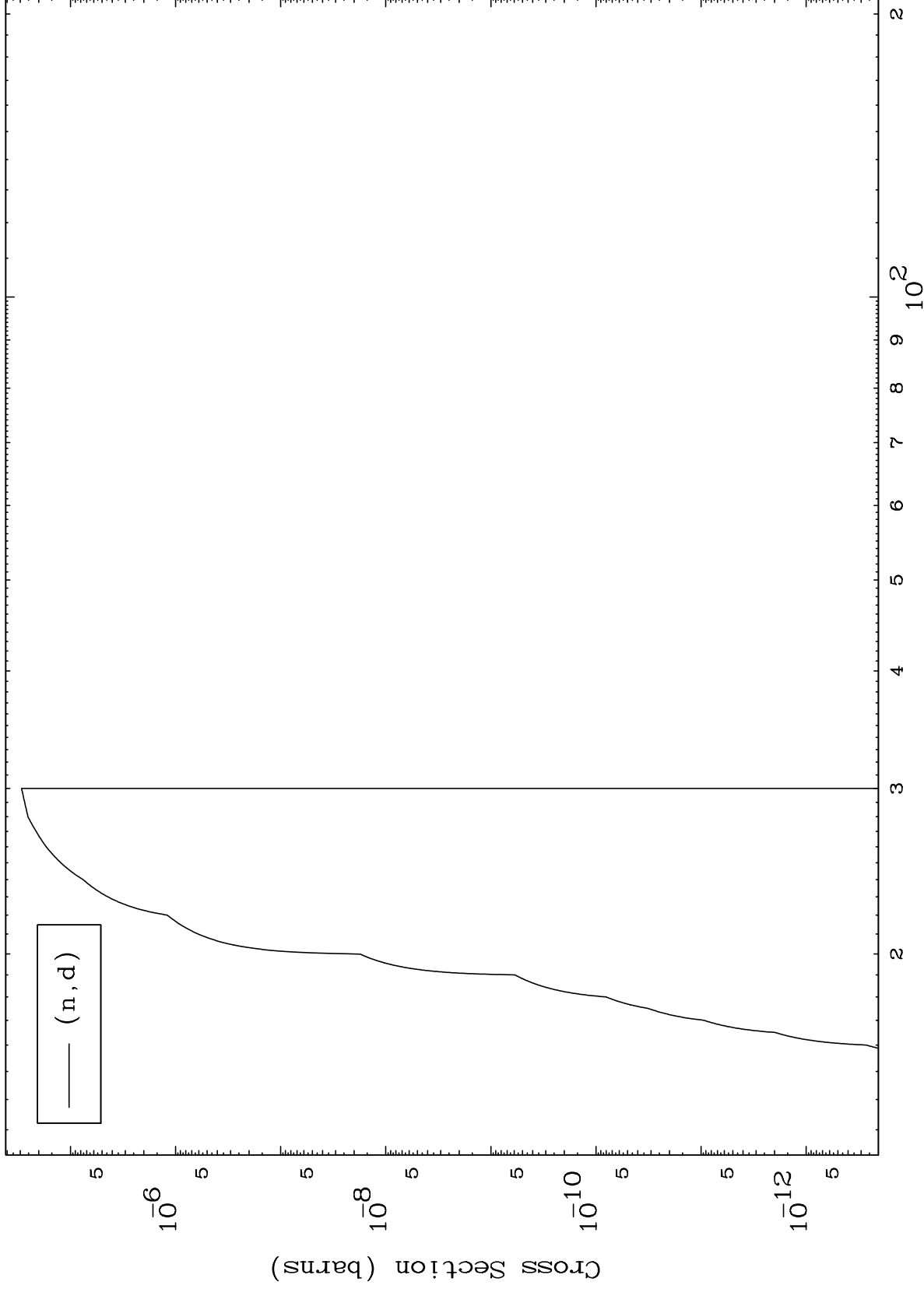
Incident Energy (MeV)

49-In-122m

MAT 4953

(γ, d) Levels
0 Kelvin Cross Sections

49-In-122m



7

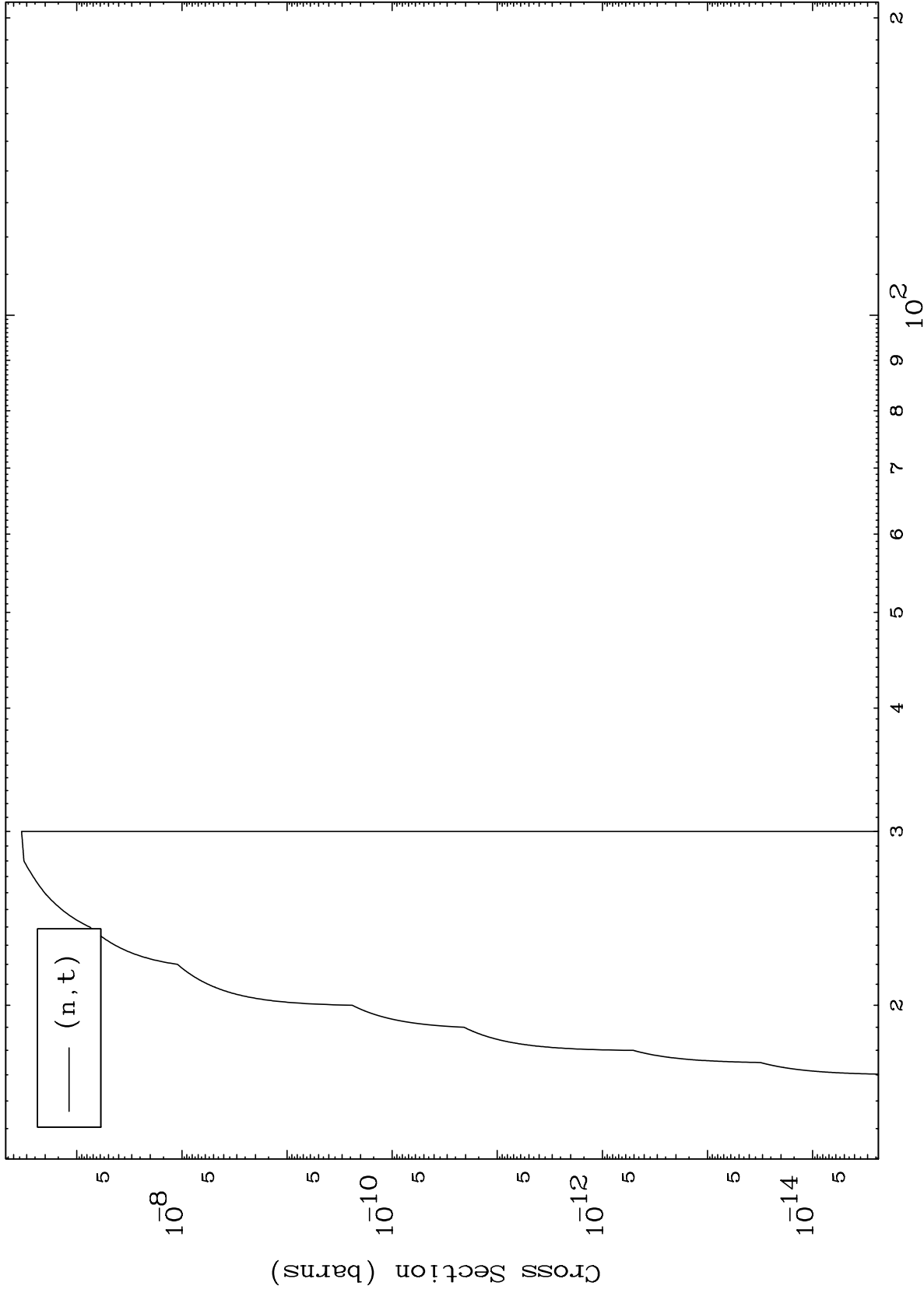
Incident Energy (MeV)

49-In-122m

MAT 4953

(γ, t) Levels
0 Kelvin Cross Sections

49-In-122m



8

Incident Energy (MeV)

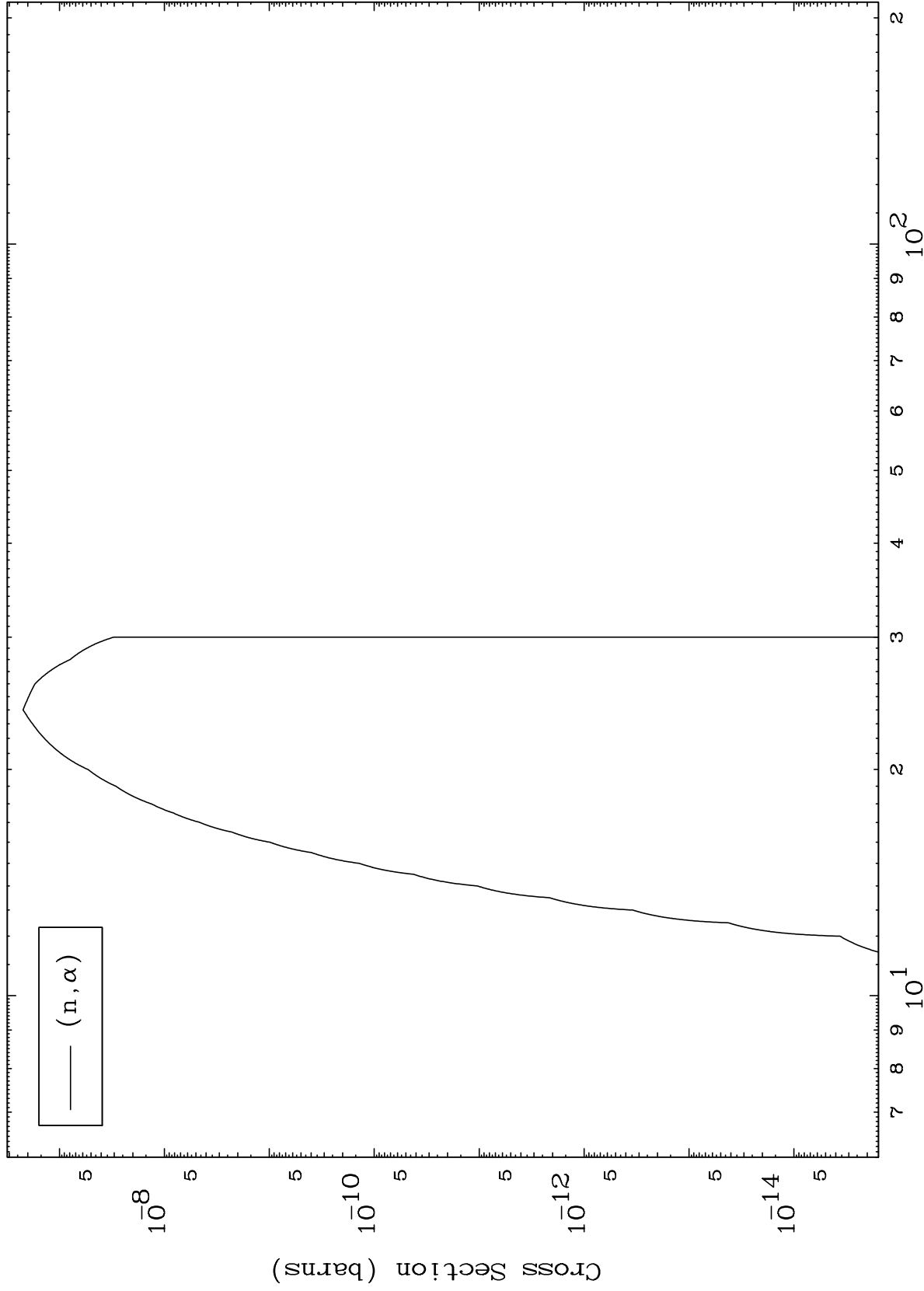
49-In-122m

MAT 4953

(γ, α) Levels

49-In-122m

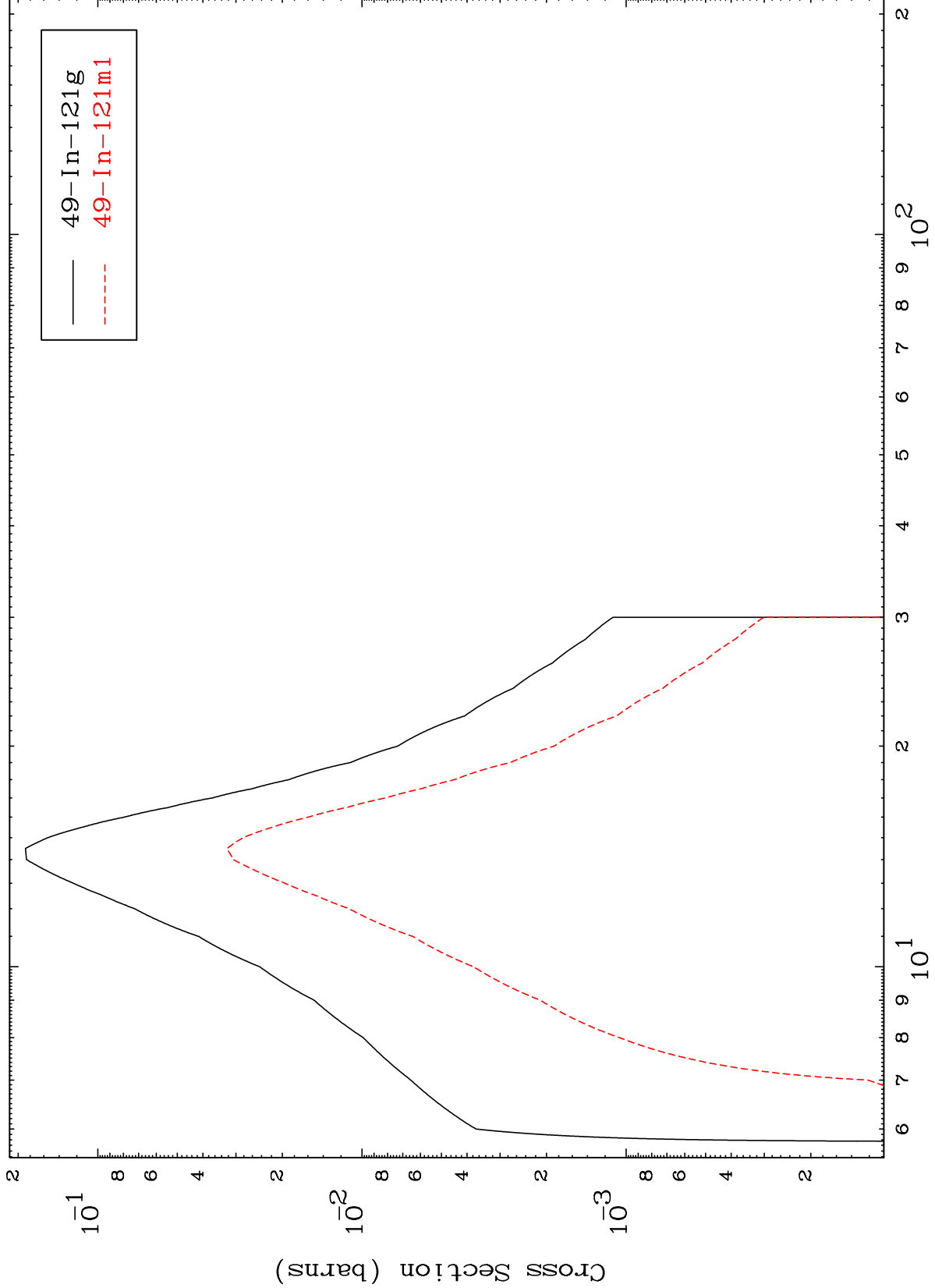
0 Kelvin Cross Sections



MAT 4953

Inelastic
Radionuclide Production Cross Section

49-In-122m



— 49-In-121g
- - - 49-In-121m1

49-In-122m

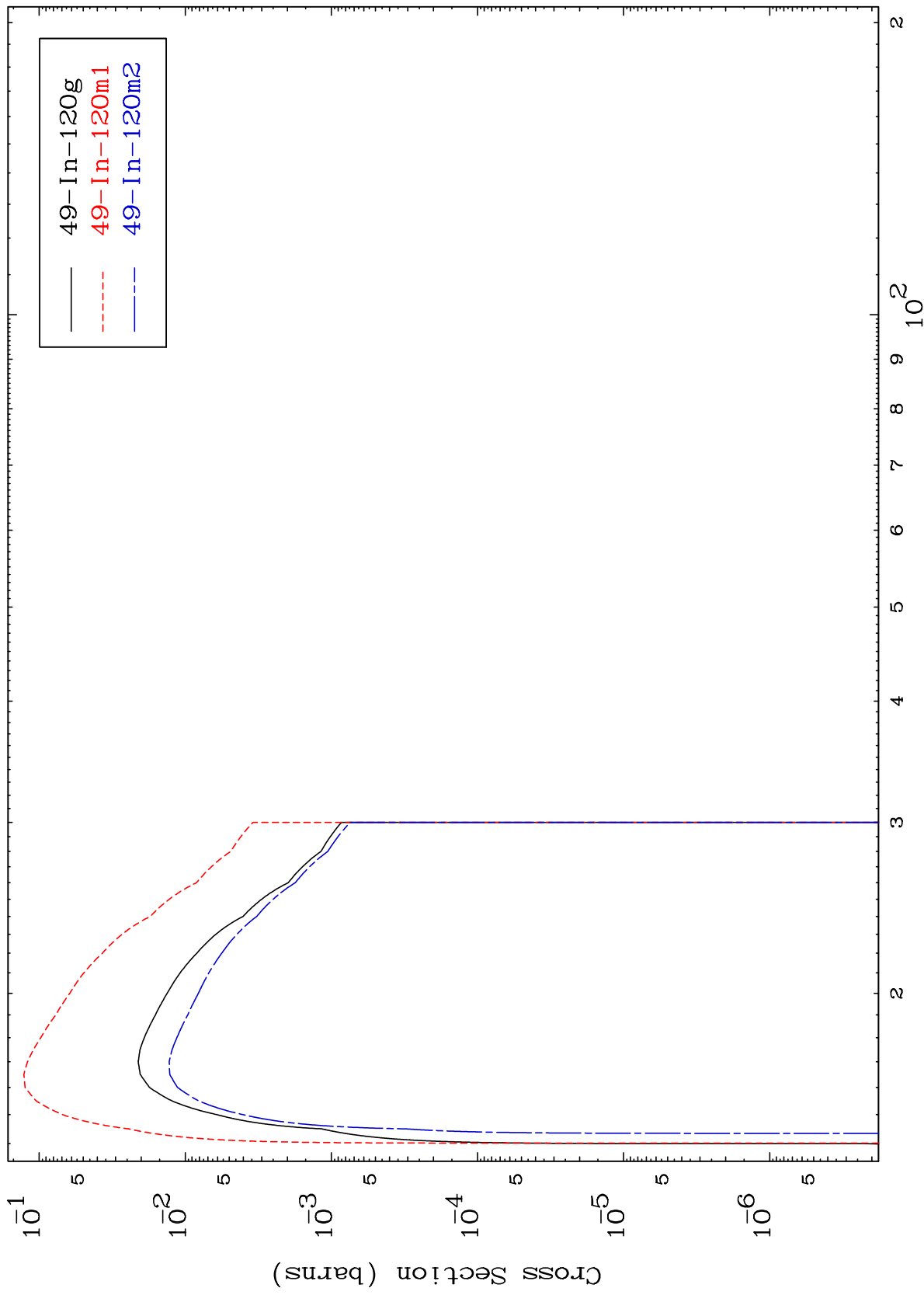
Incident Energy (MeV)

10

MAT 4953

49-In-122m

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

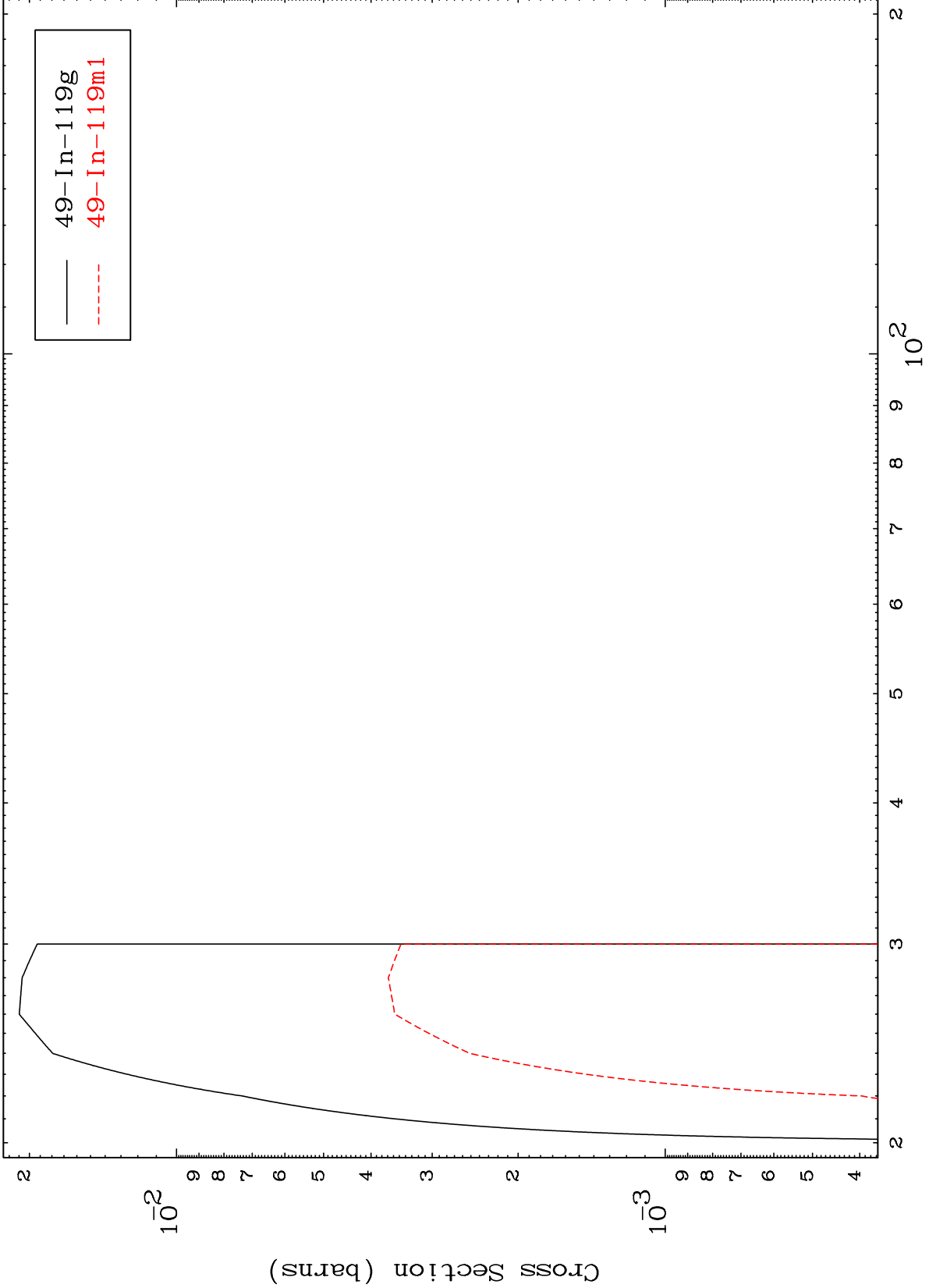
49-In-122m

MAT 4953

(n,3n)

49-In-122m

Radionuclide Production Cross Section



49-In-119g
49-In-119m1

12

Incident Energy (MeV)

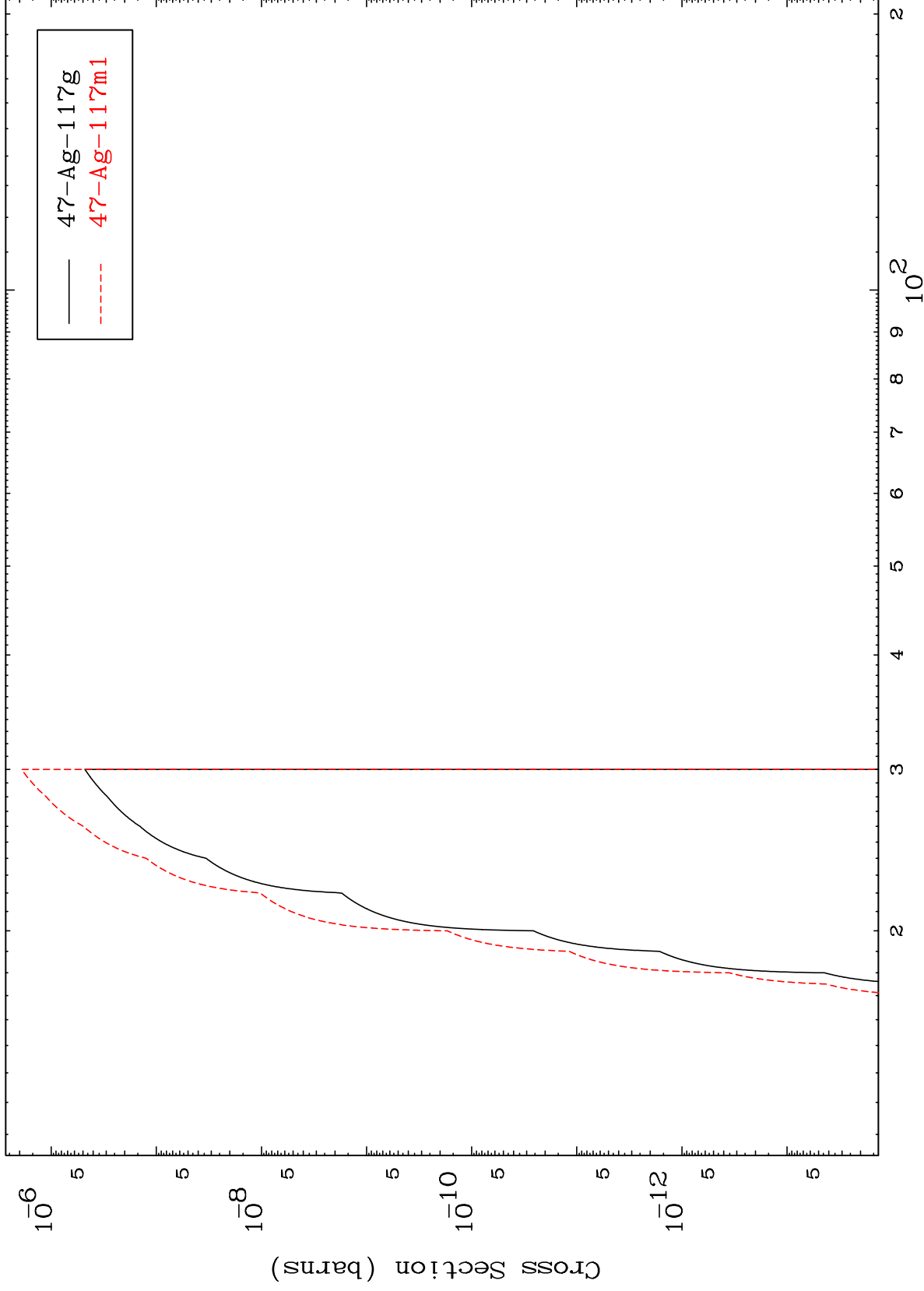
49-In-122m

MAT 4953

$(n, n') \alpha$

49-In-122m

Radionuclide Production Cross Section



13

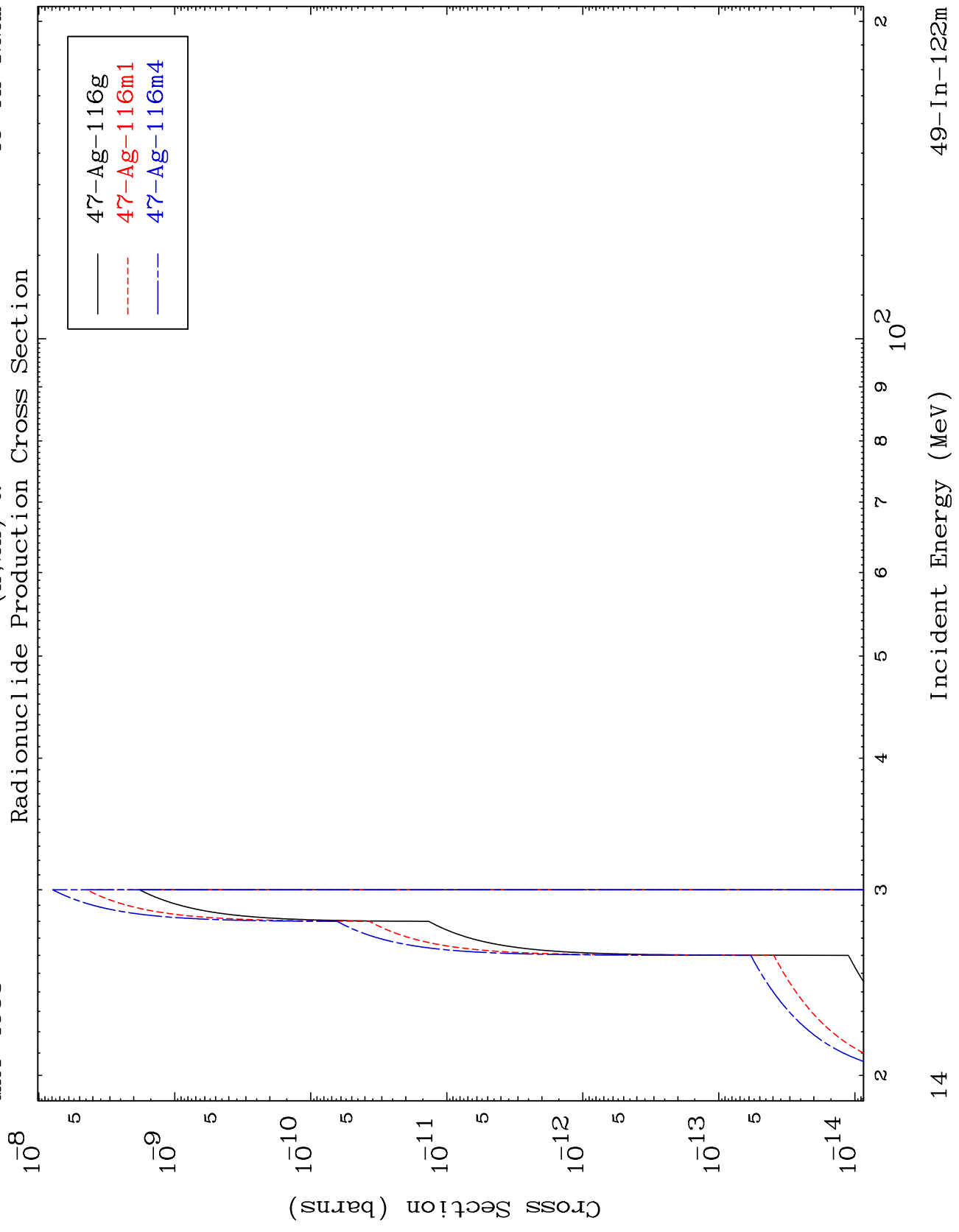
Incident Energy (MeV)

49-In-122m

MAT 4953

(n,2n) α

49-In-122m



14

Incident Energy (MeV)

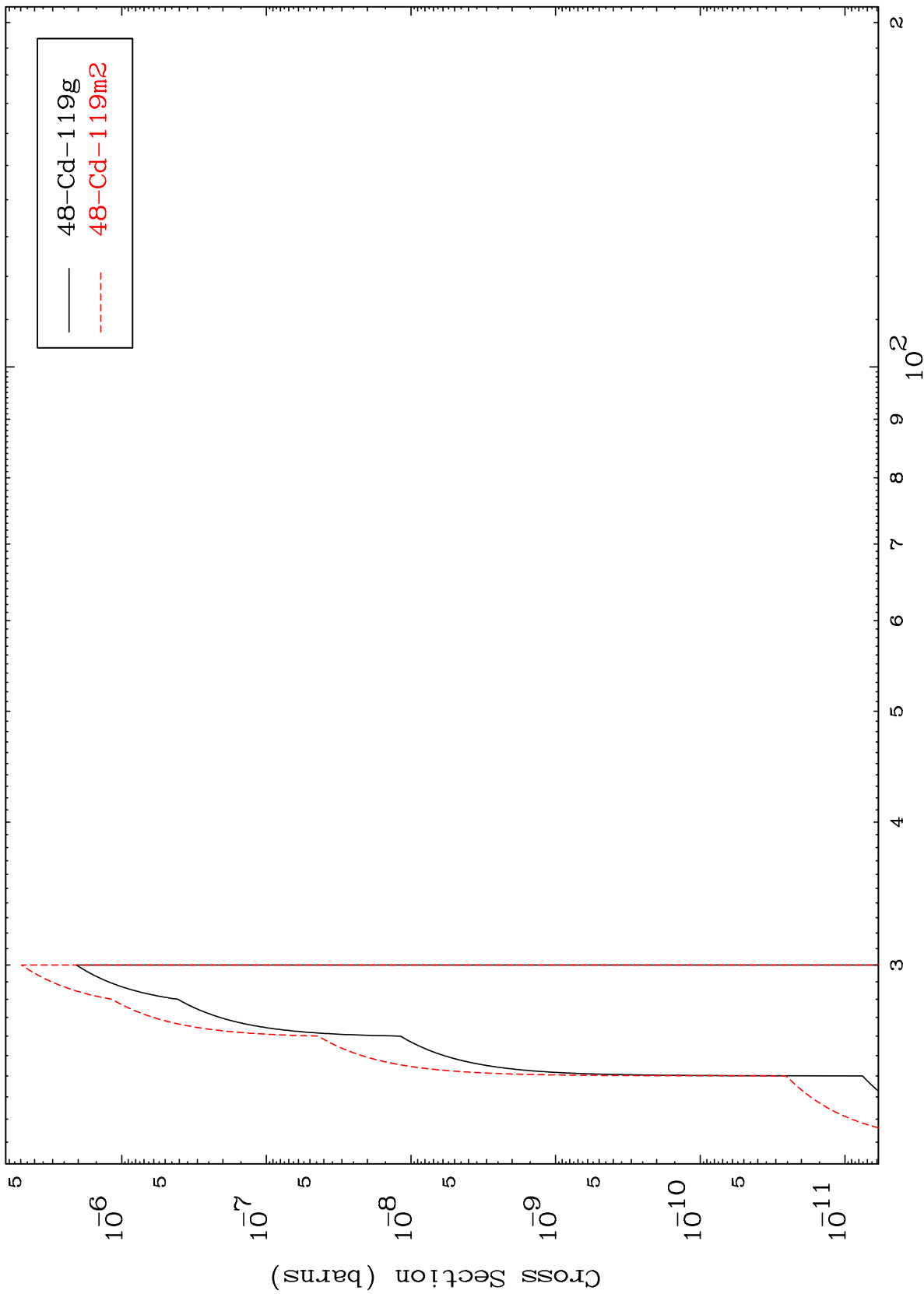
49-In-122m

MAT 4953

(n,n') d

49-In-122m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

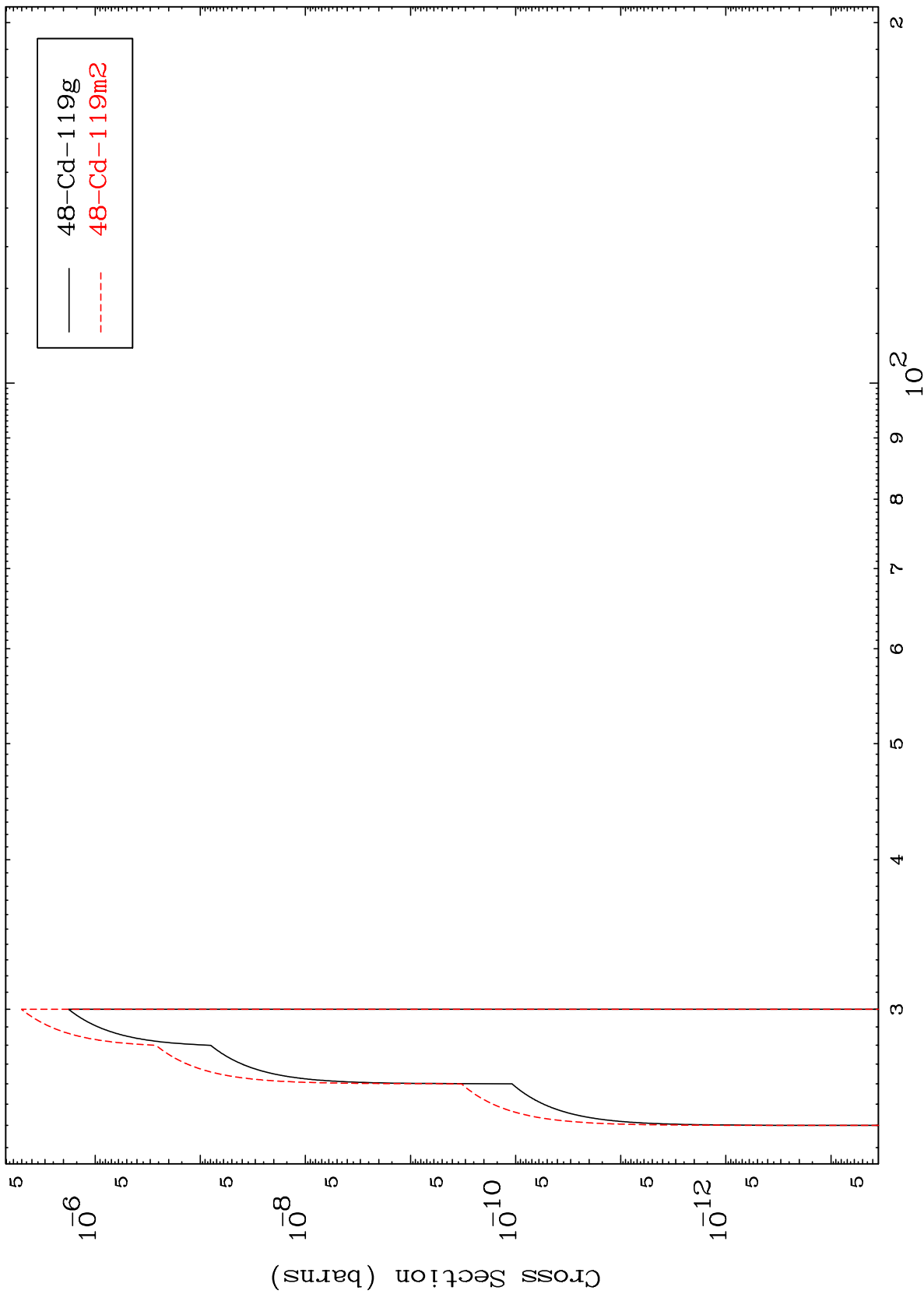
49-In-122m

MAT 4953

(n,2n) p

49-In-122m

Radionuclide Production Cross Section



16

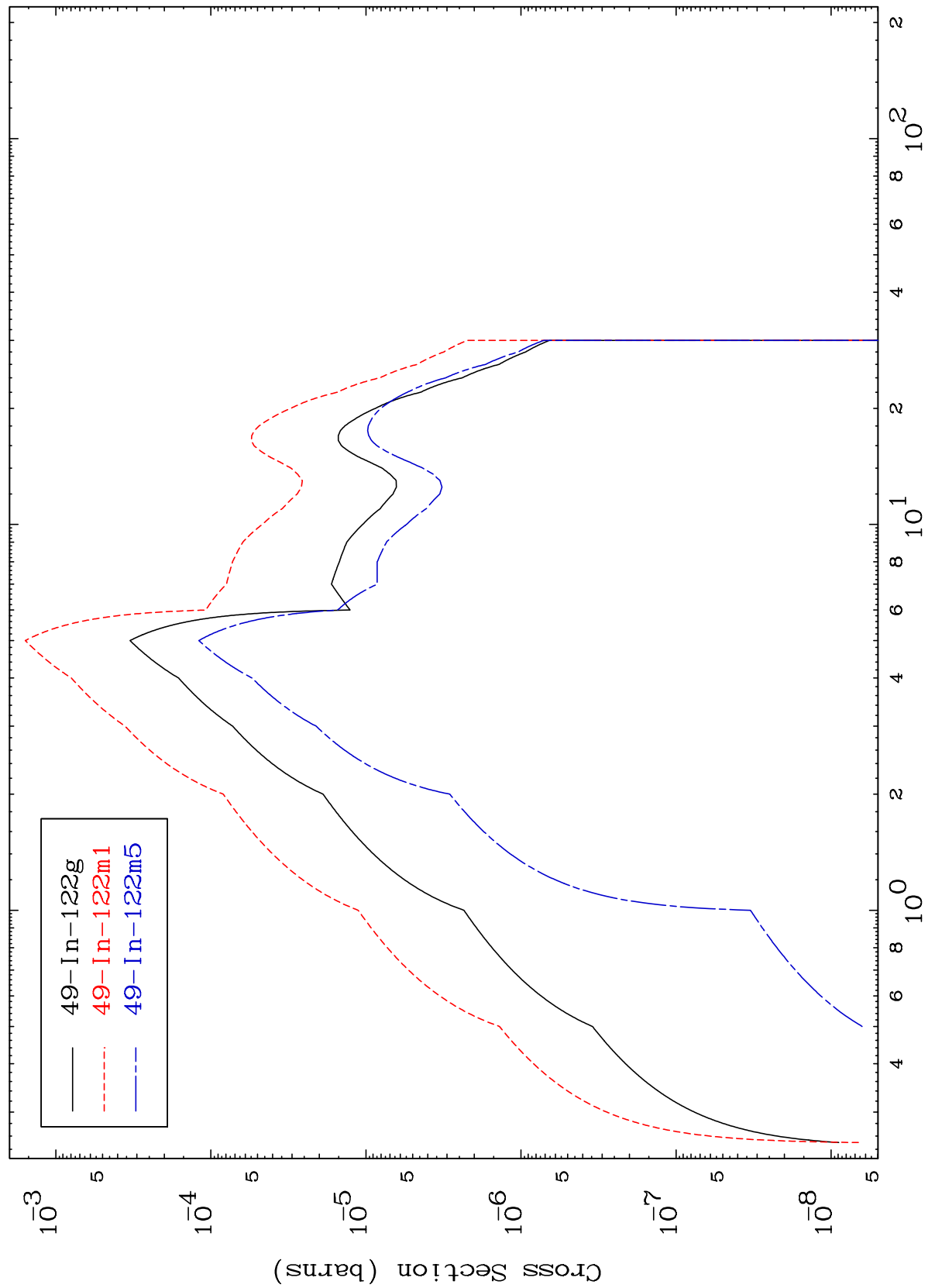
Incident Energy (MeV)

49-In-122m

MAT 4953

49-In-122m

Radionuclide Production Cross Section
(n, γ)



49-In-122m

Incident Energy (MeV)

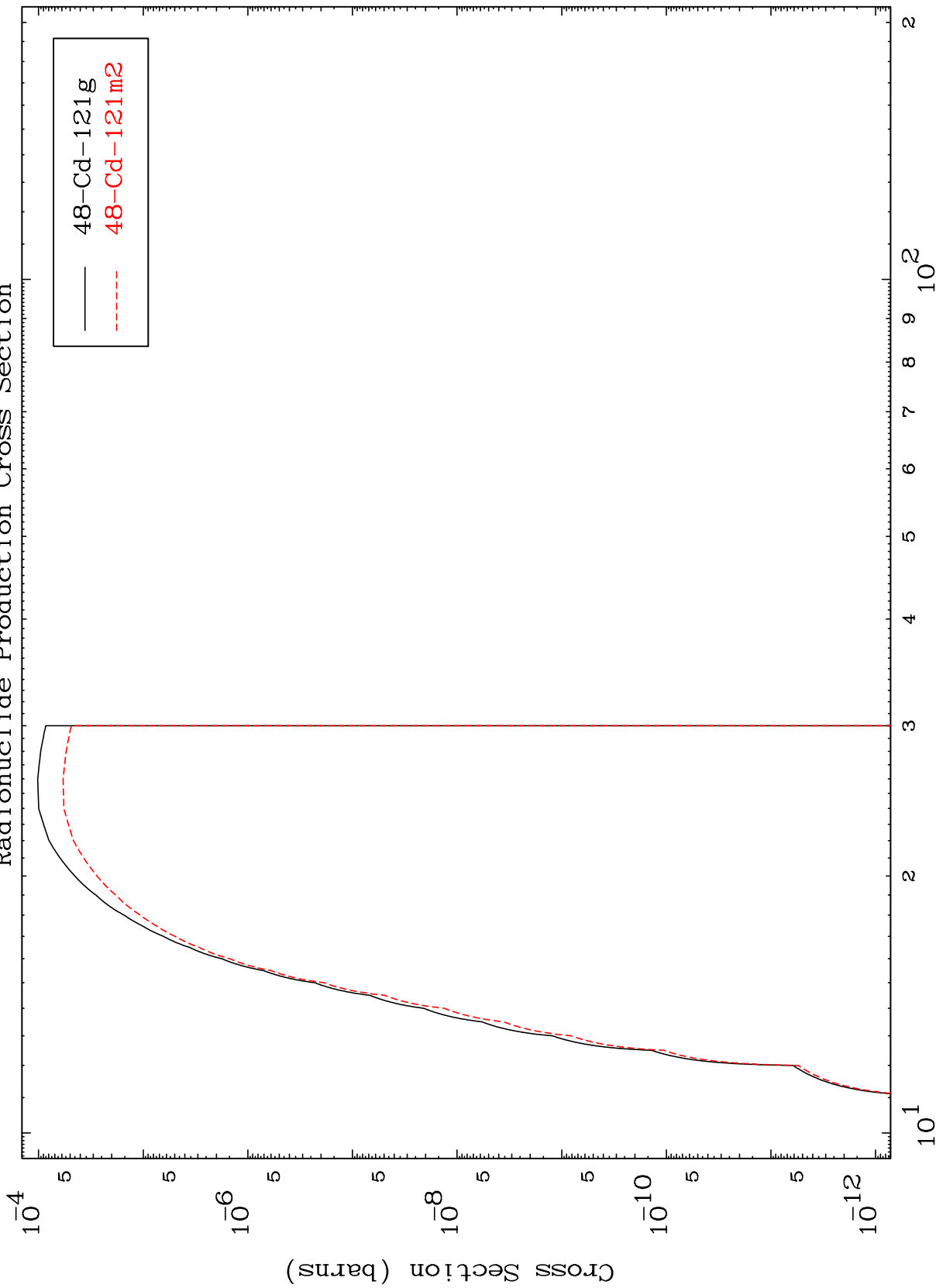
17

MAT 4953

(n,p)

49-In-122m

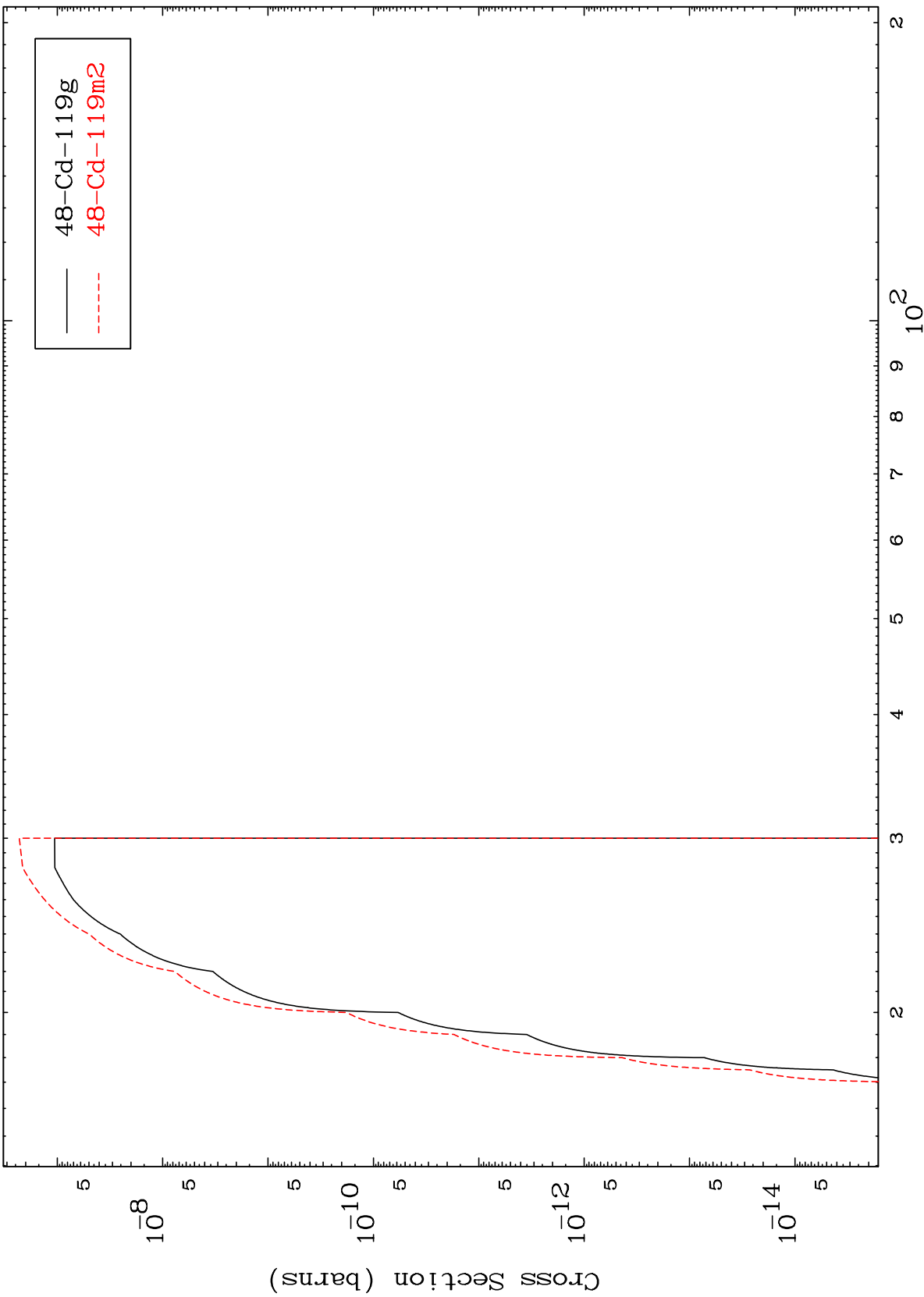
Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-122m

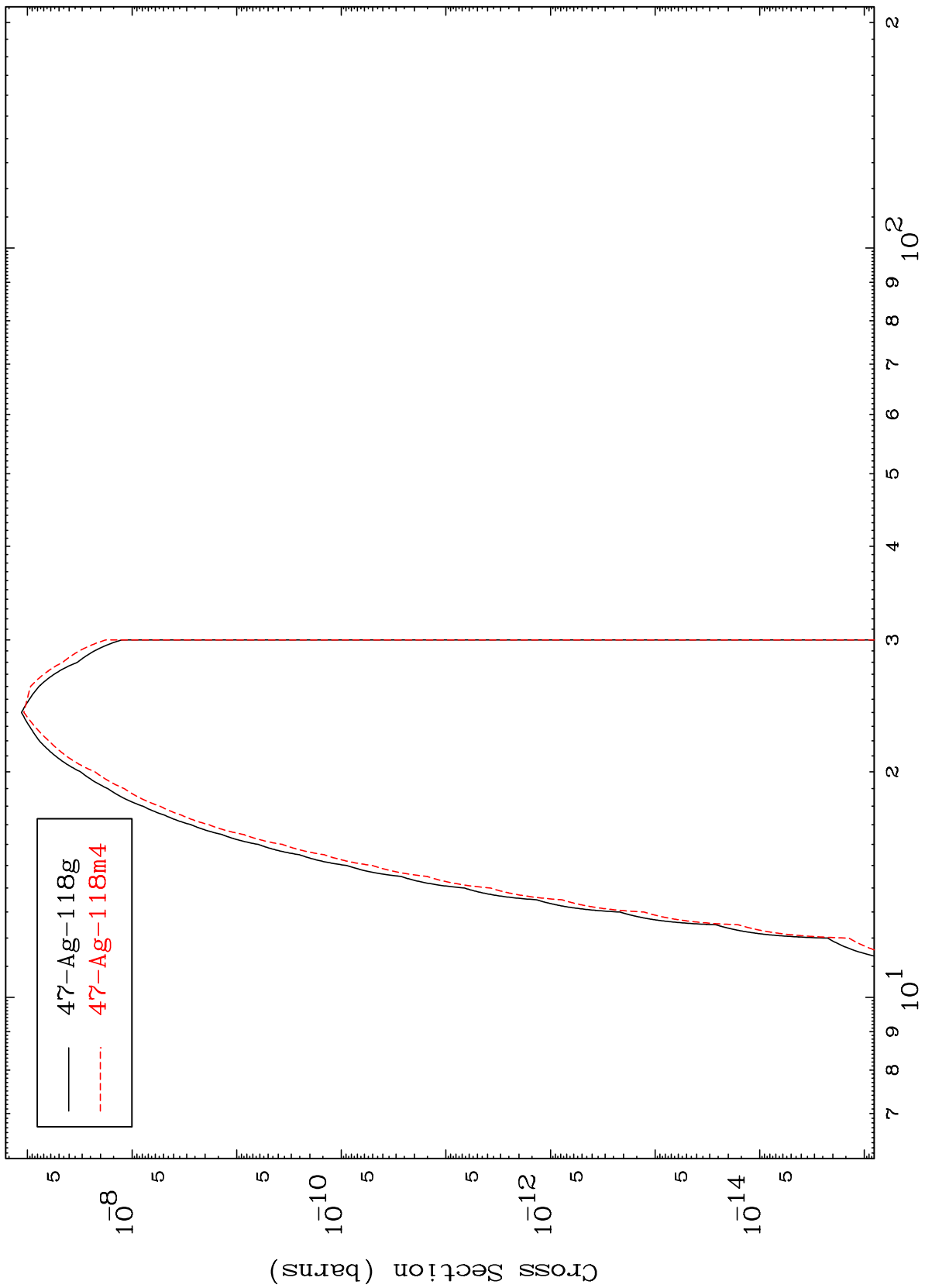
(n, t)
Radionuclide Production Cross Section



MAT 4953

49-In-122m

(n, α)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

49-In-122m