

Program EVALPLOT
(Version 2021-1)

by

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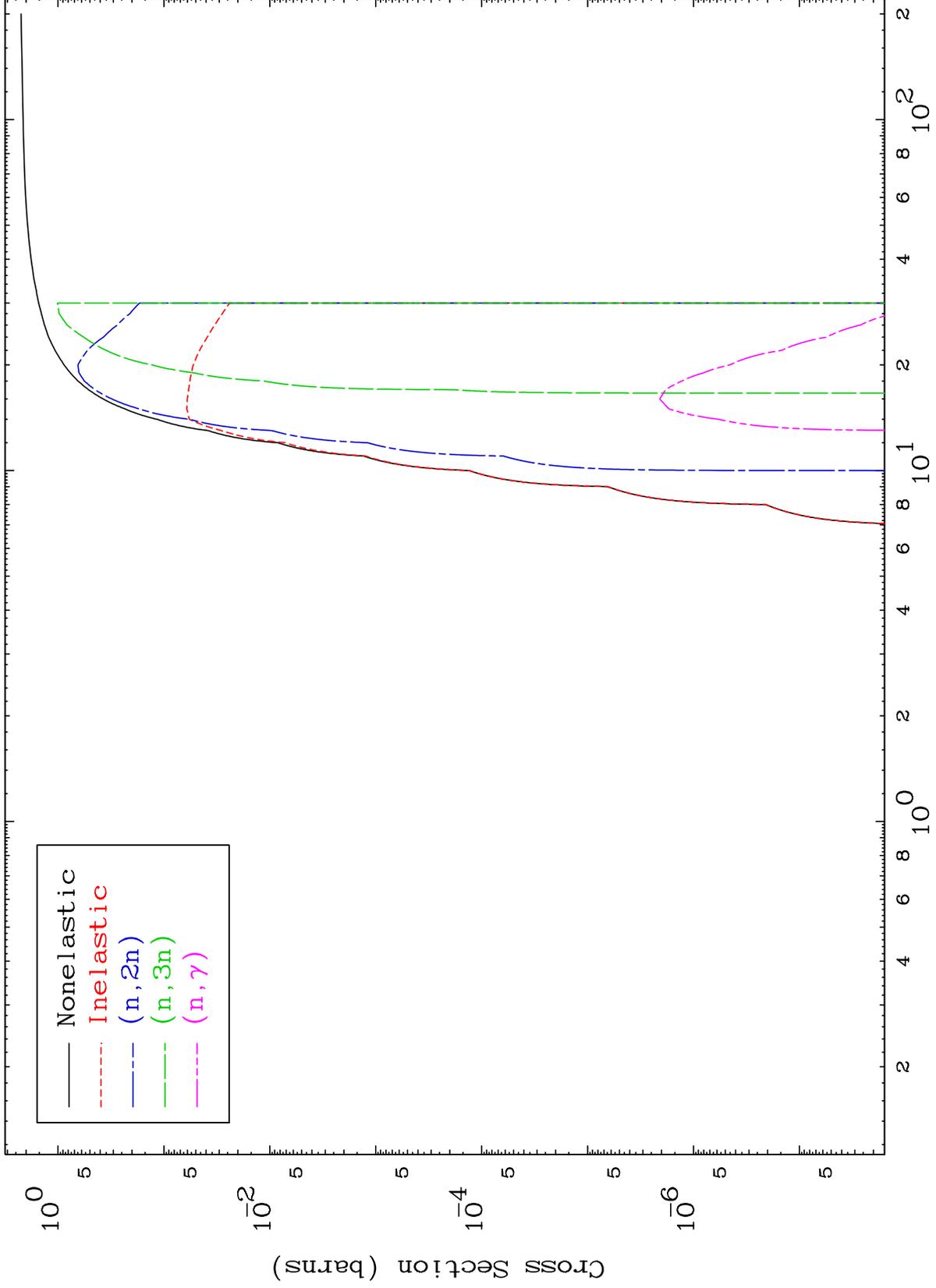
Press Mouse Button to Start

MAT 4953

0 Kelvin

Major Cross Sections

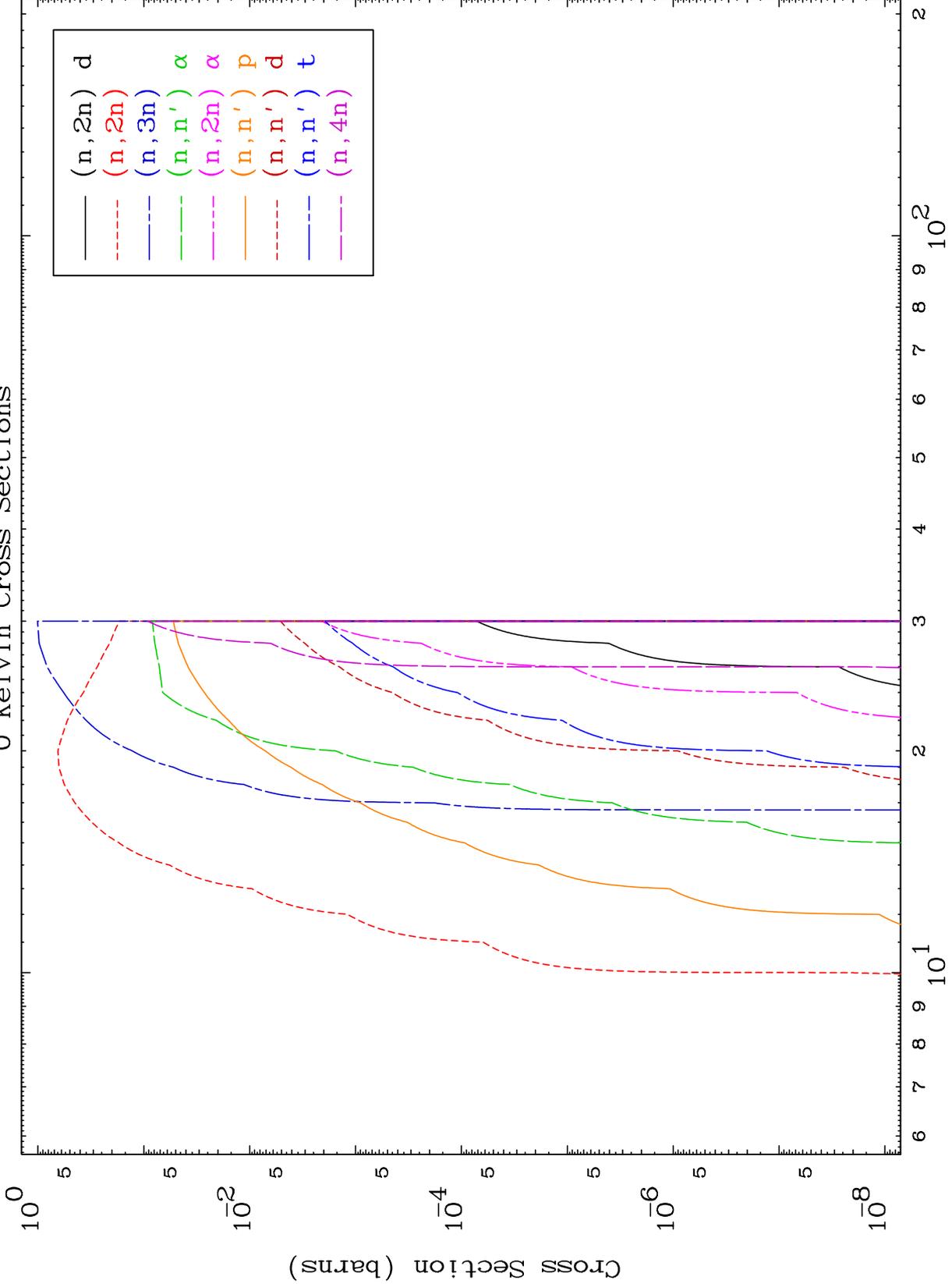
49-In-122m



MAT 4953

α Neutron Absorption
0 Kelvin Cross Sections

49-In-122m



2

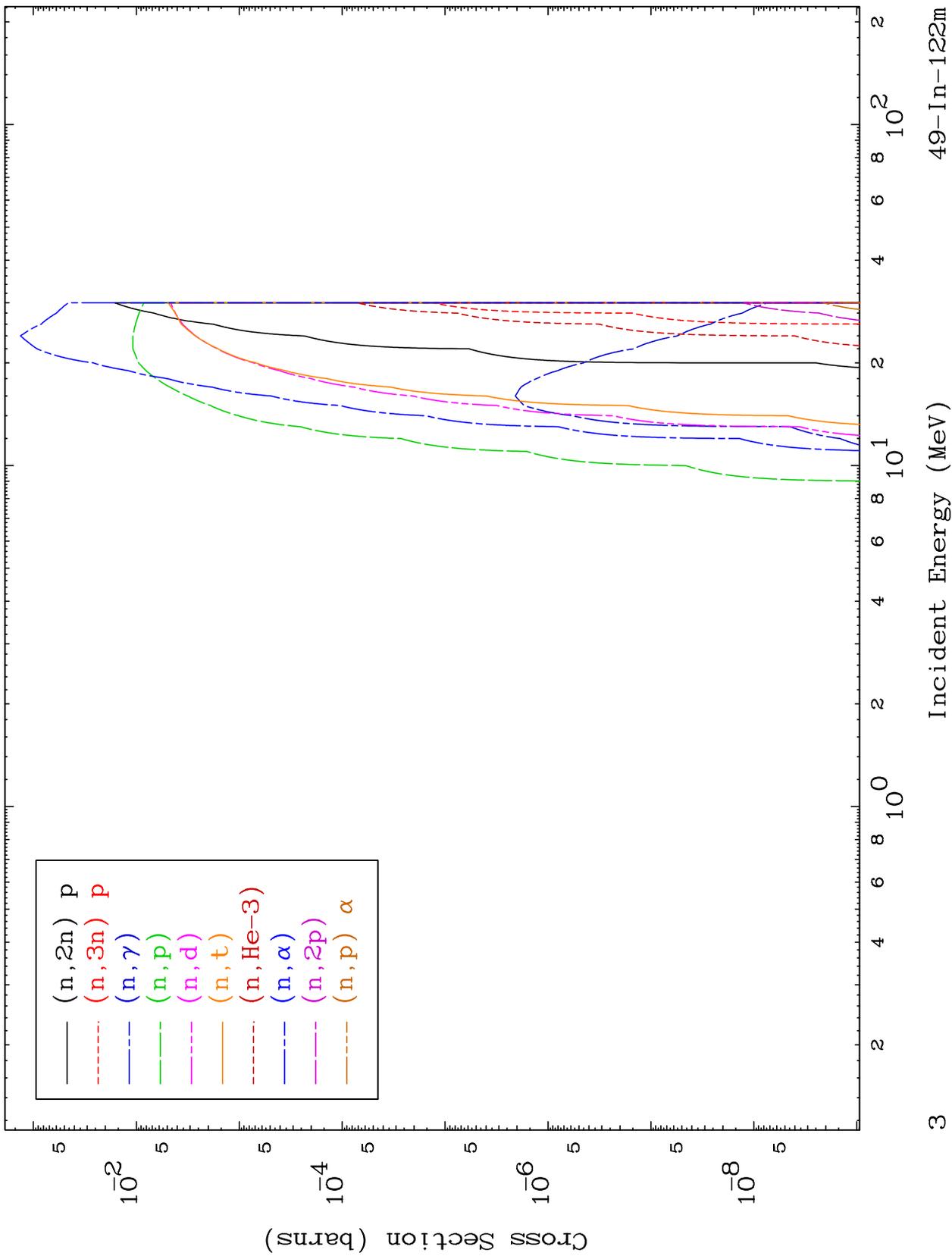
Incident Energy (MeV)

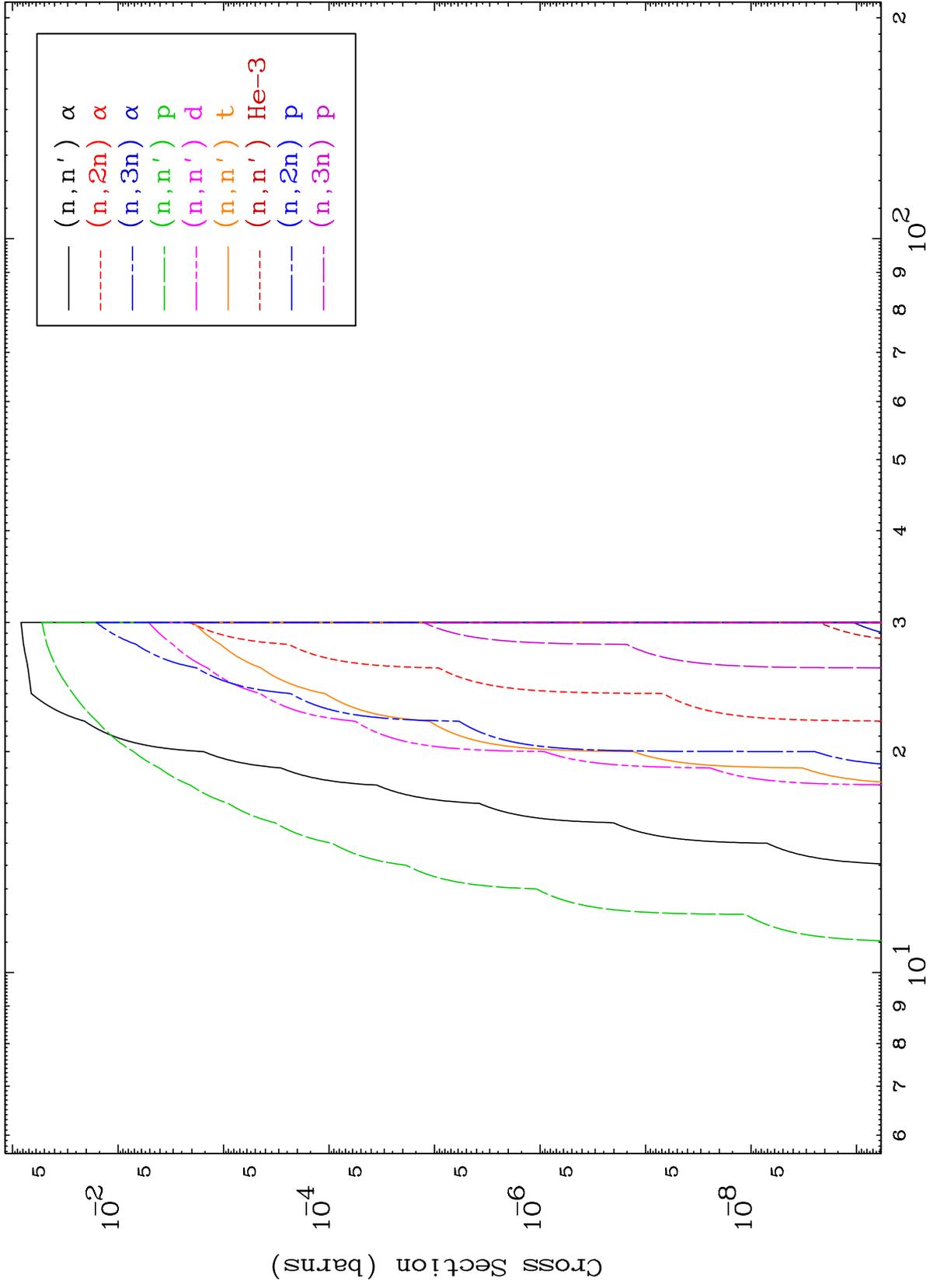
49-In-122m

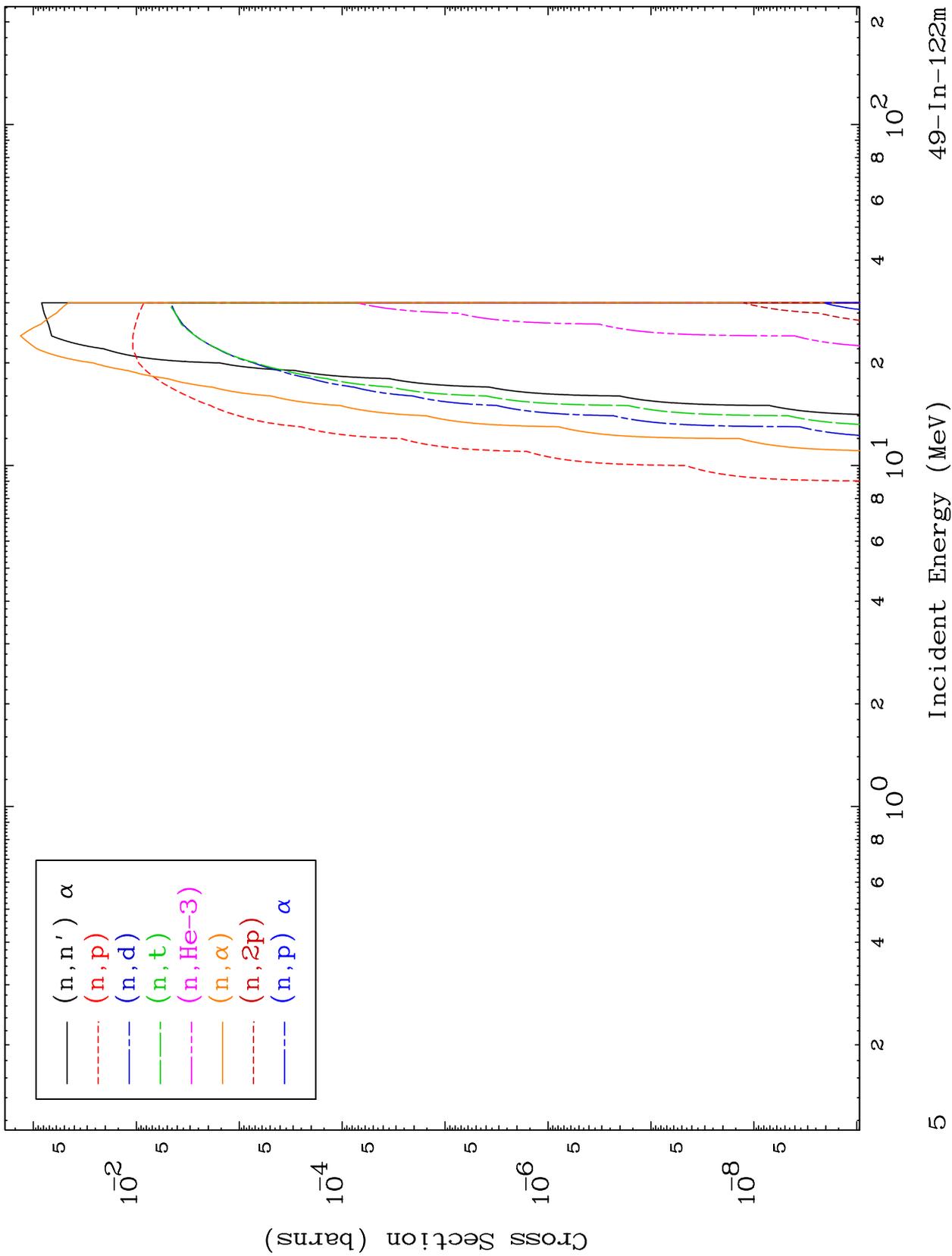
MAT 4953

α Neutron Absorption
0 Kelvin Cross Sections

49-In-122m





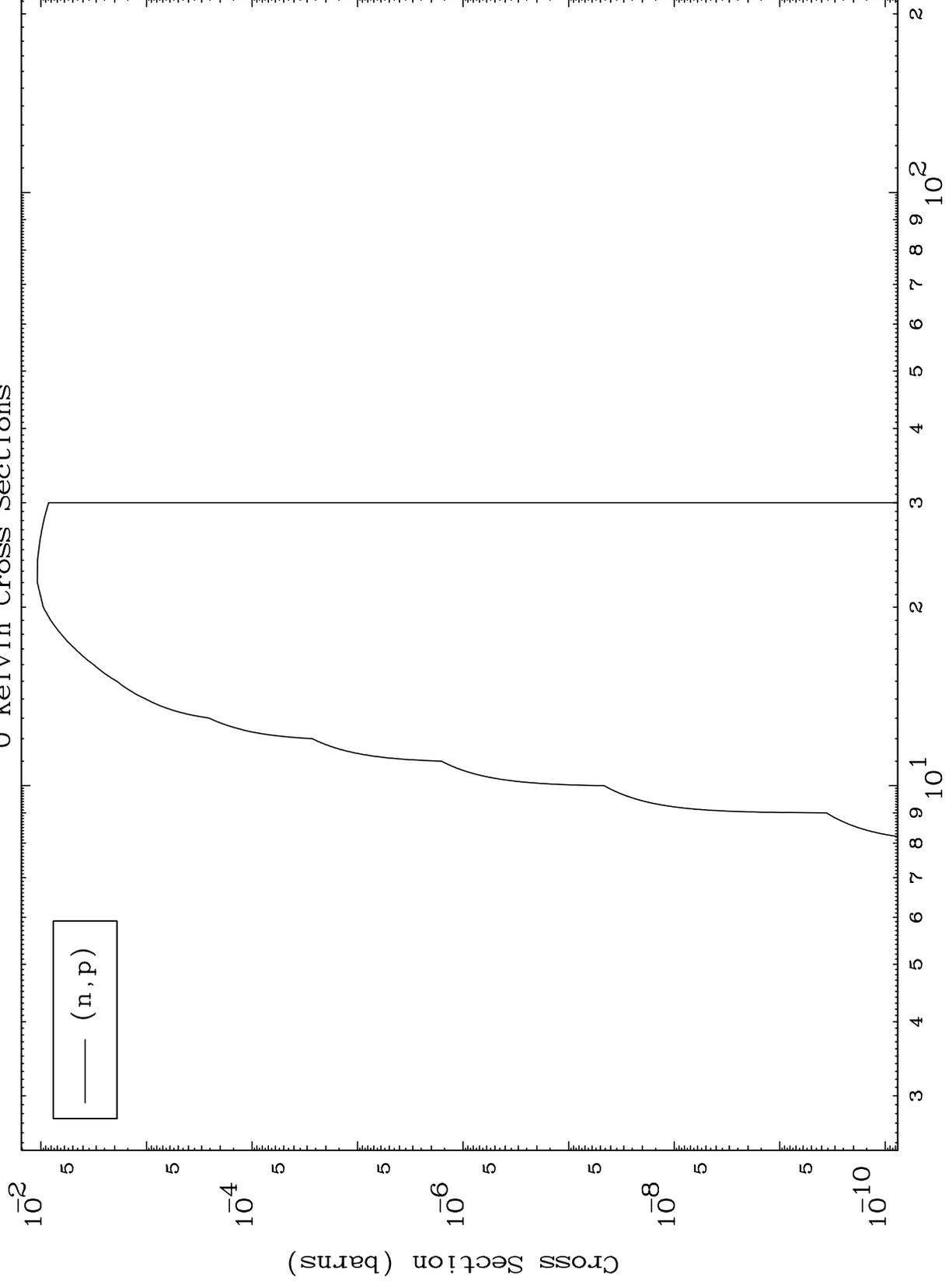


MAT 4953

(α, p) Levels

49-In-122m

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-122m

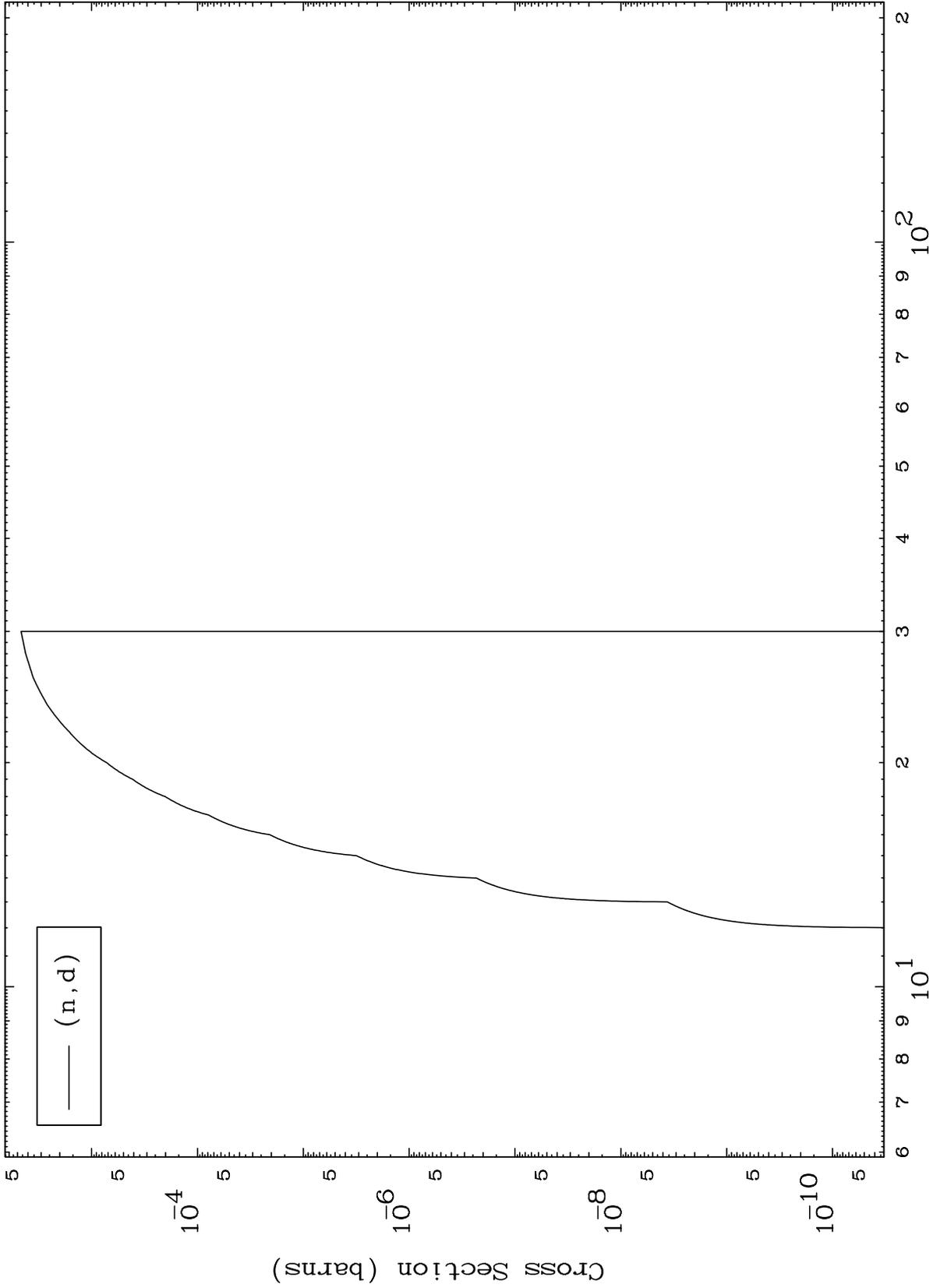
6

MAT 4953

(α, d) Levels

49-In-122m

0 Kelvin Cross Sections



(n, d)

Incident Energy (MeV)

49-In-122m

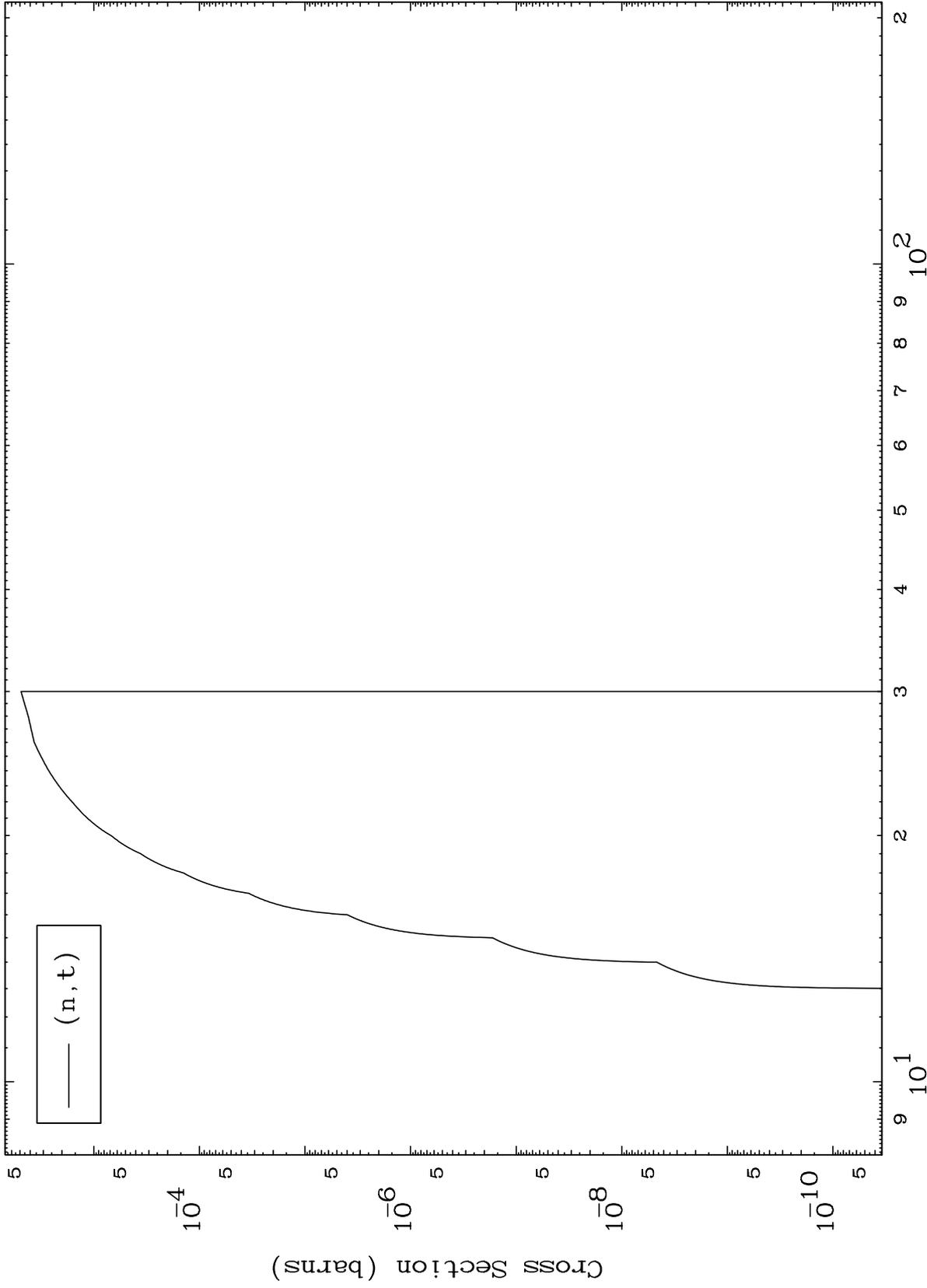
7

MAT 4953

(α, t) Levels

49-In-122m

0 Kelvin Cross Sections



8

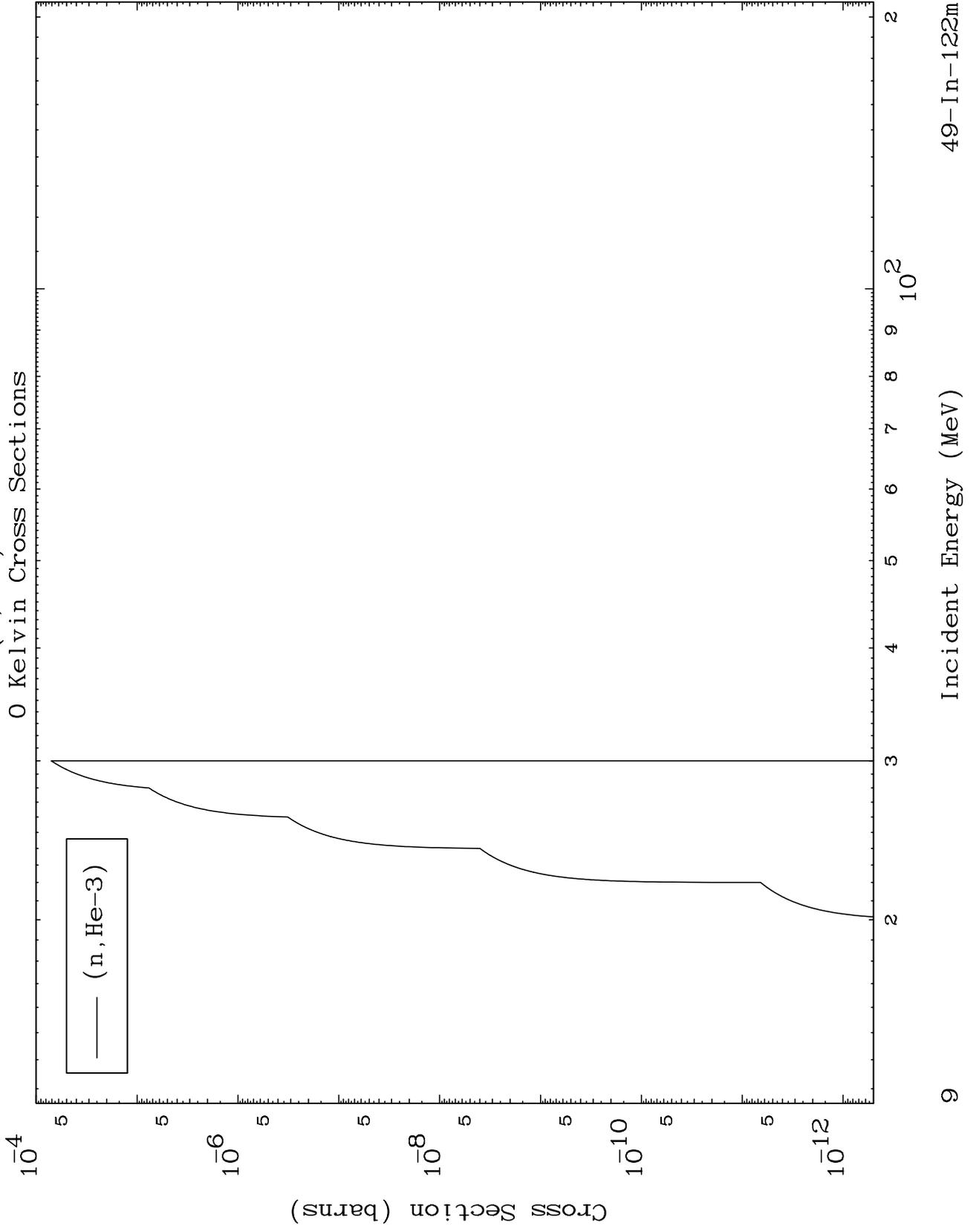
Incident Energy (MeV)

49-In-122m

MAT 4953

($\alpha, \text{He}3$) Levels

49-In-122m

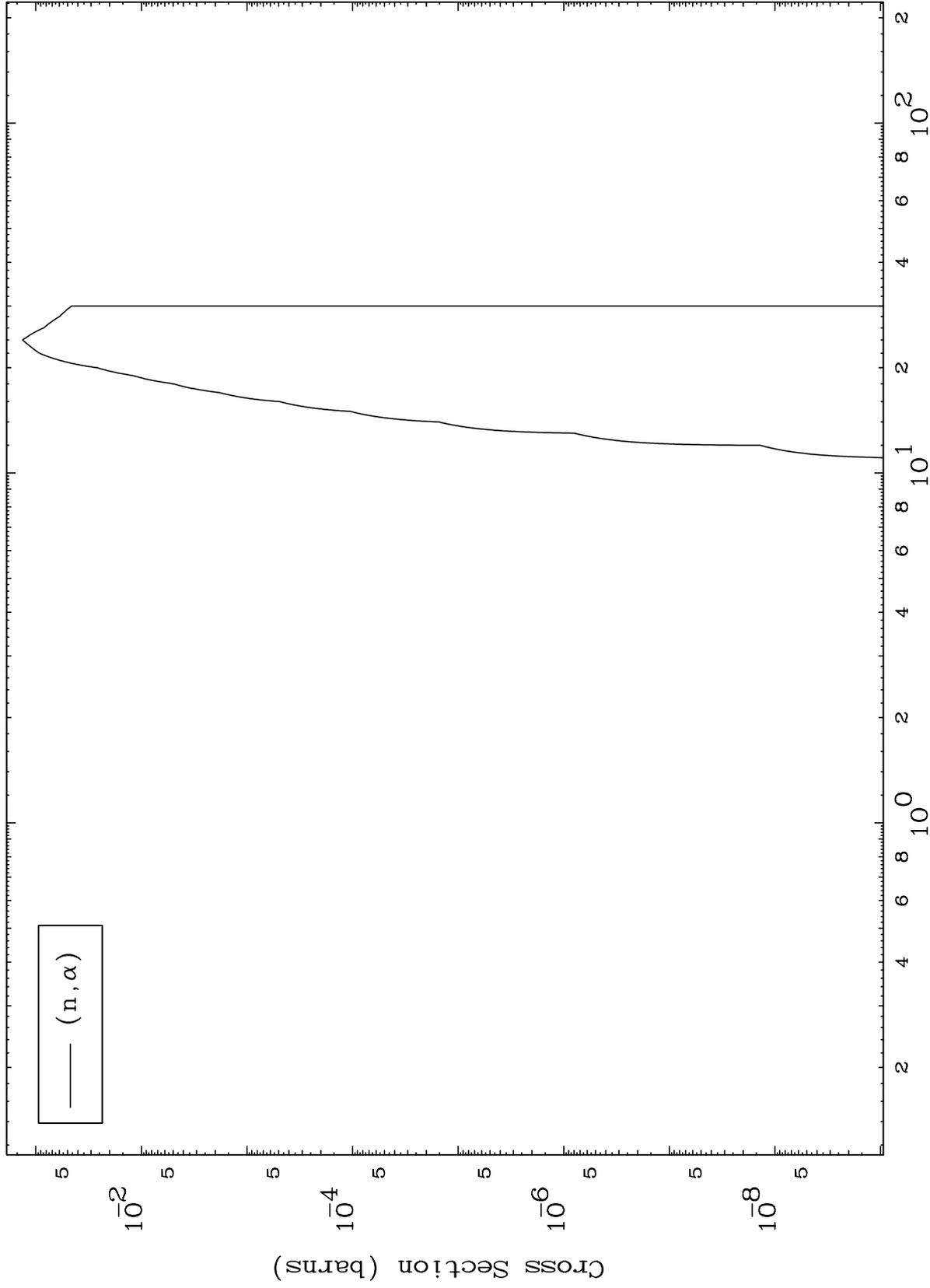


MAT 4953

(α, α) Levels

49-In-122m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

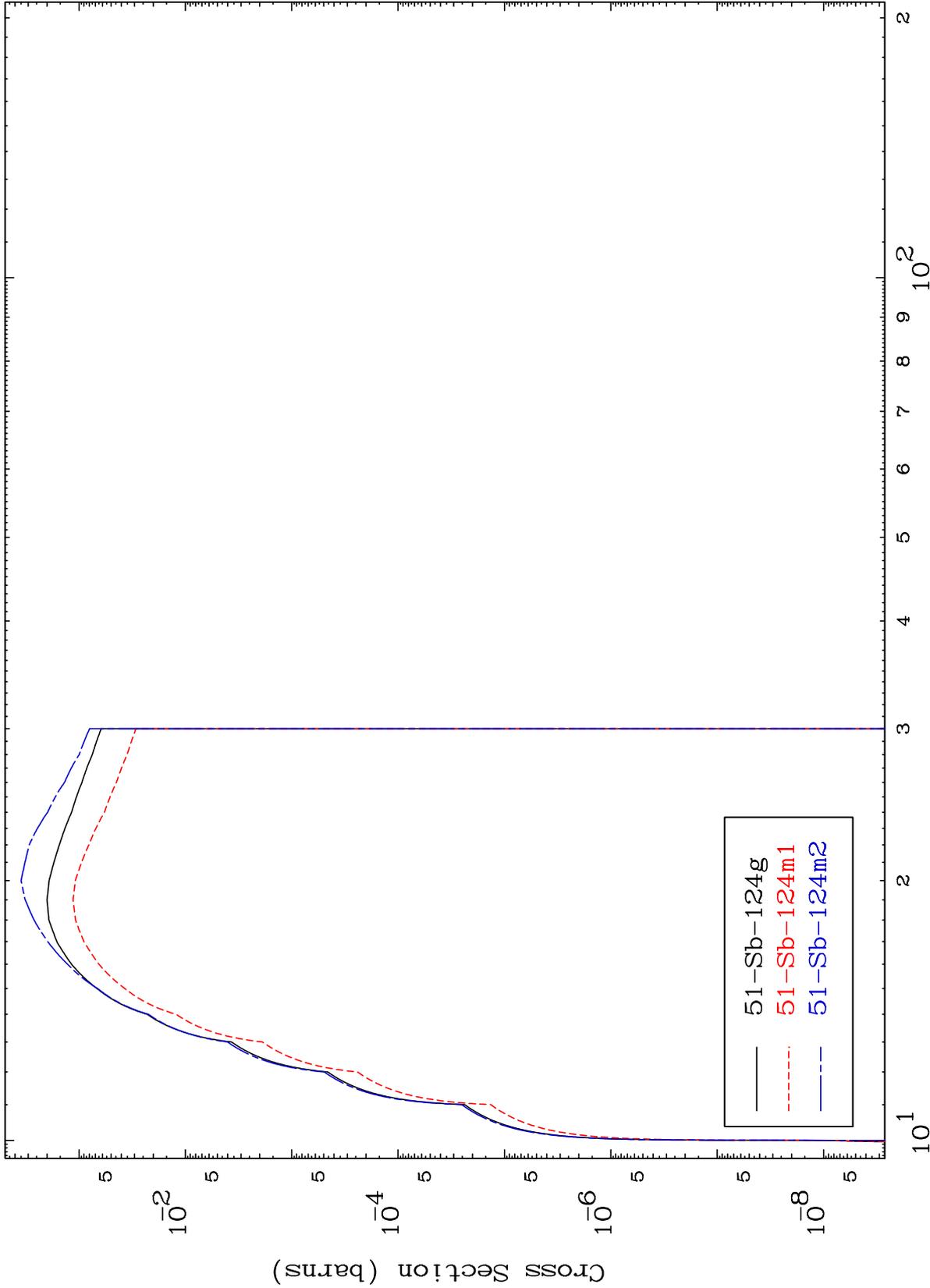
49-In-122m

MAT 4953

(n,2n)

49-In-122m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-122m

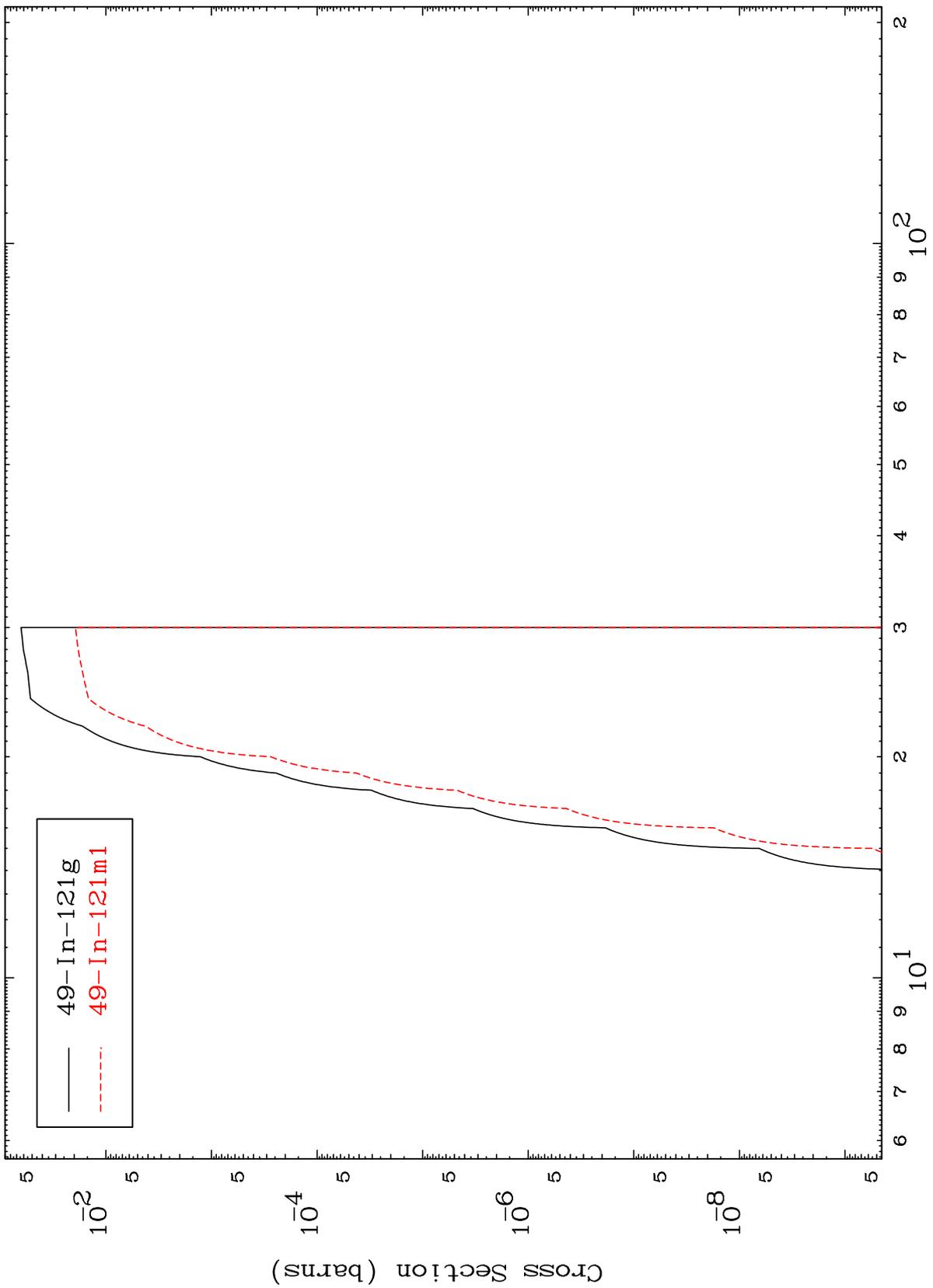
11

MAT 4953

(n,n') α

49-In-122m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

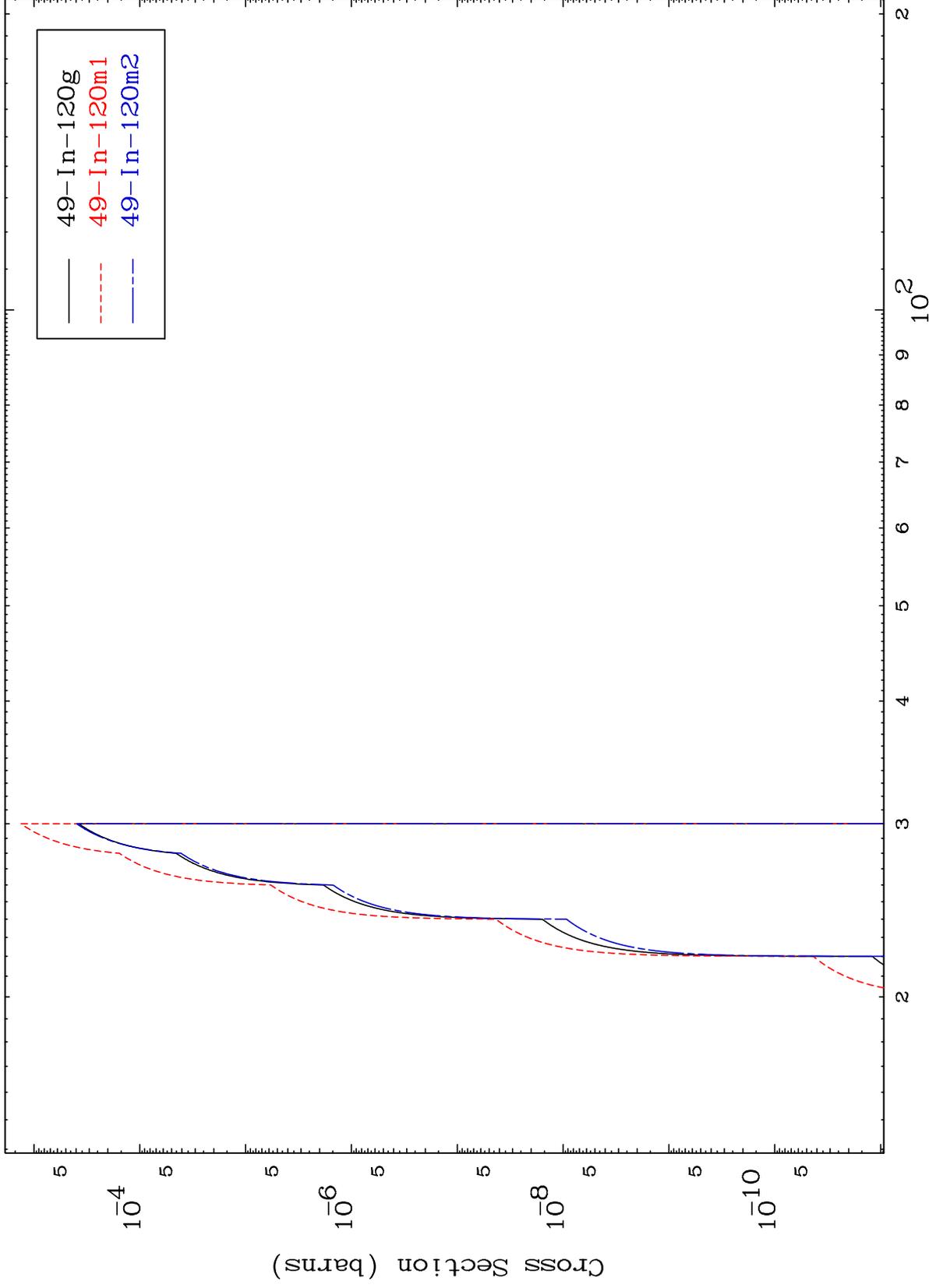
49-In-122m

MAT 4953

(n,2n) α

49-In-122m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

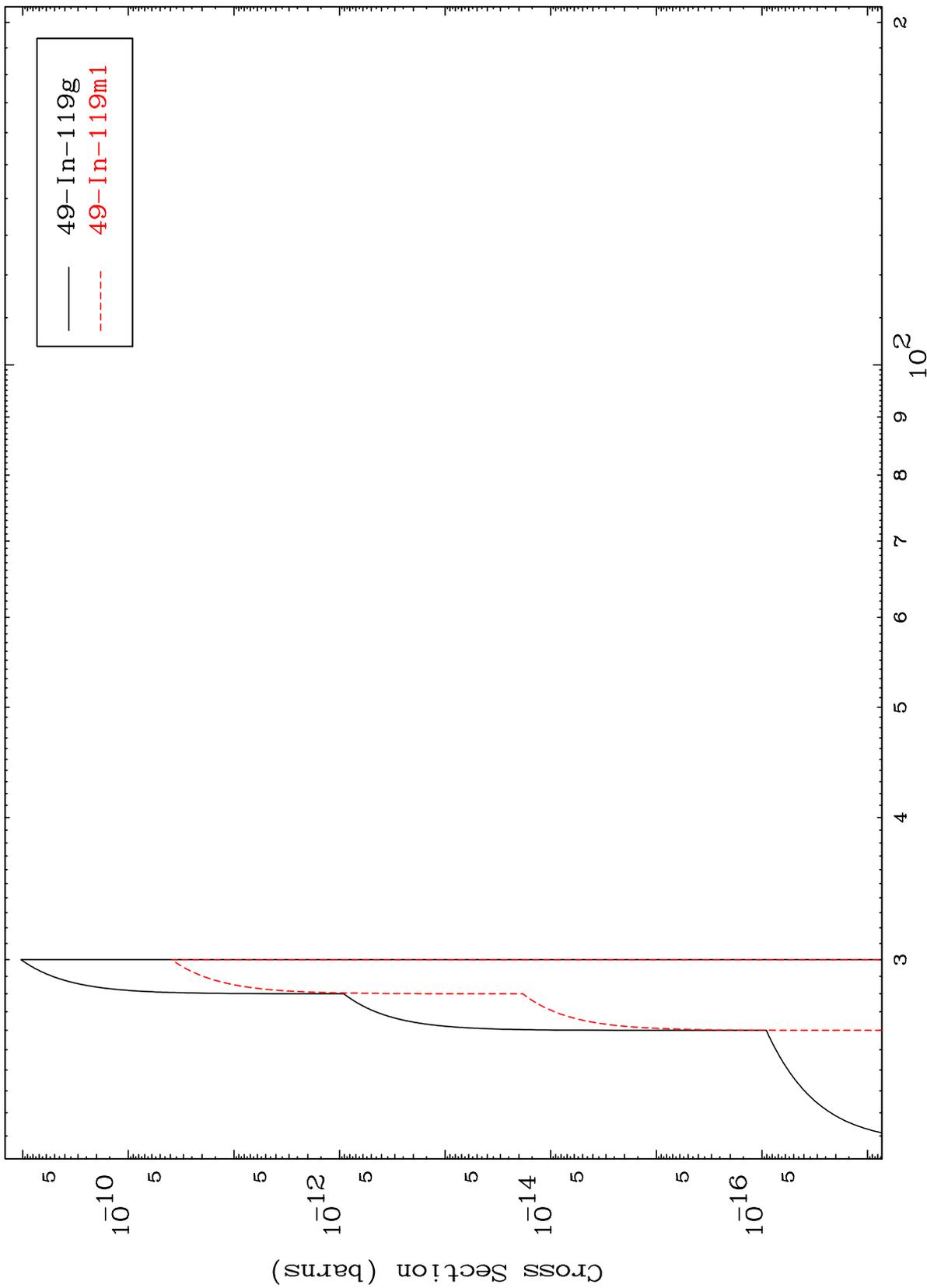
49-In-122m

MAT 4953

(n,3n) α

49-In-122m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

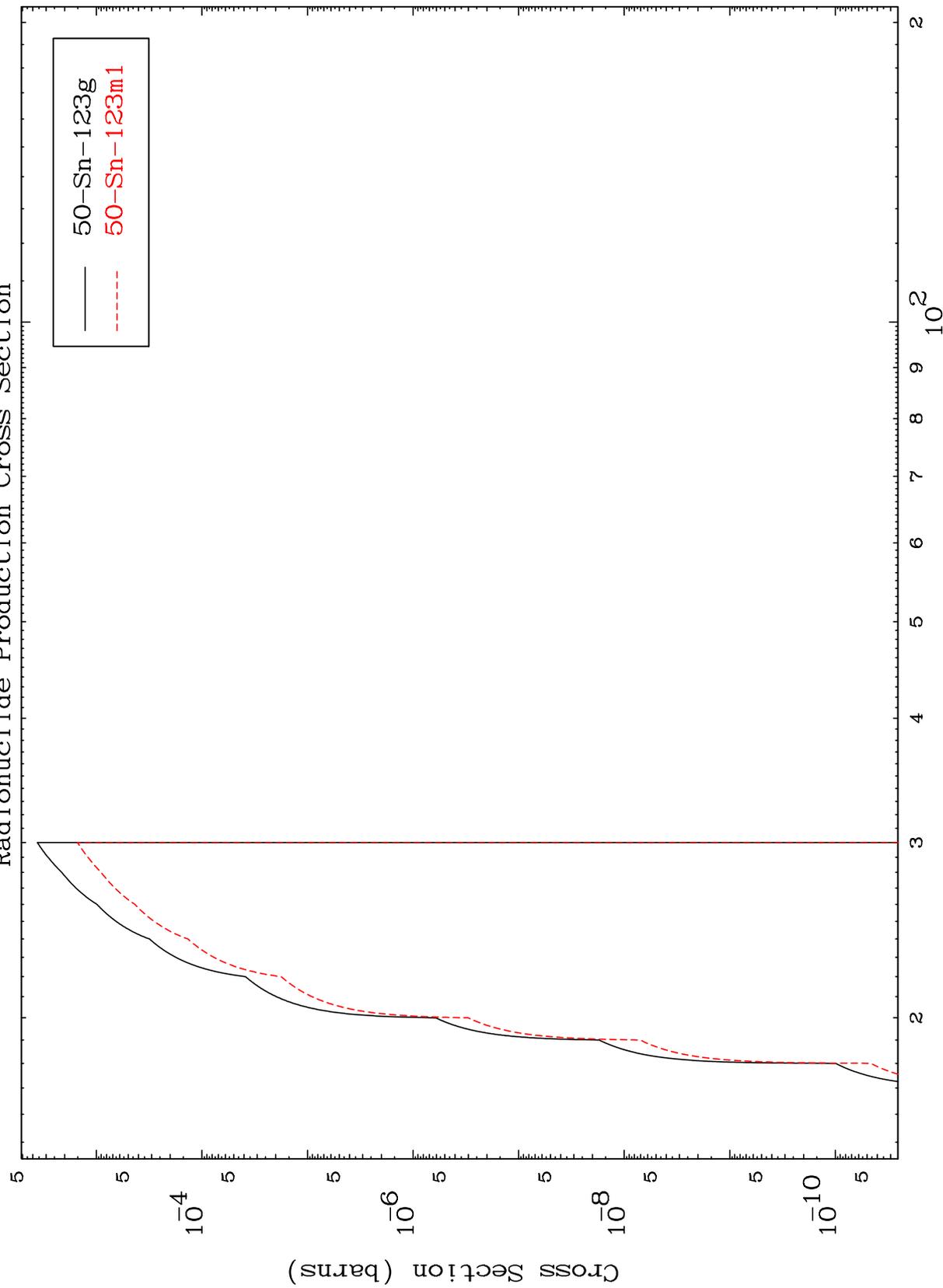
49-In-122m

MAT 4953

(n,n') d

49-In-122m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

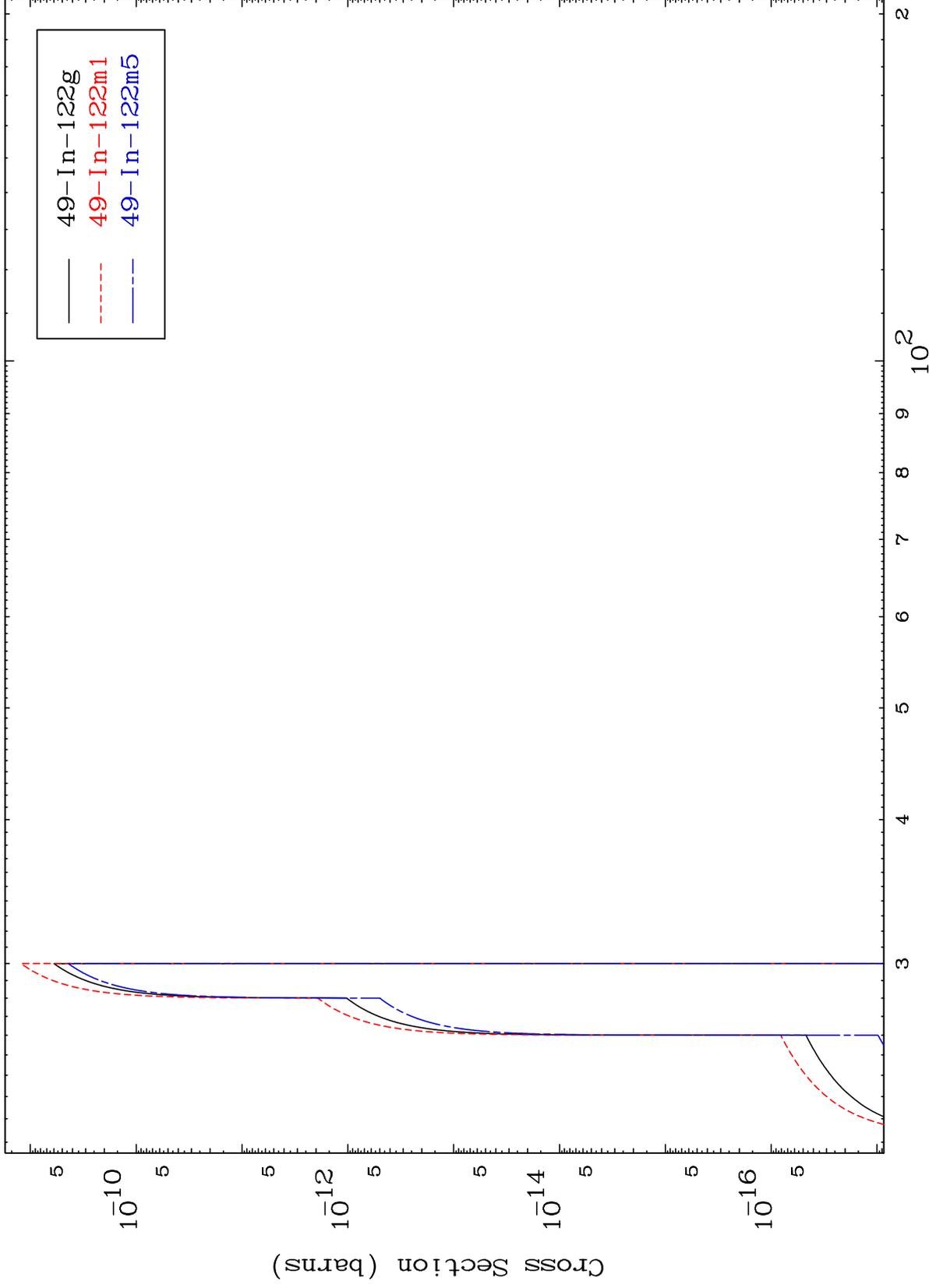
49-In-122m

MAT 4953

(n,n') He-3

49-In-122m

Radionuclide Production Cross Section



16

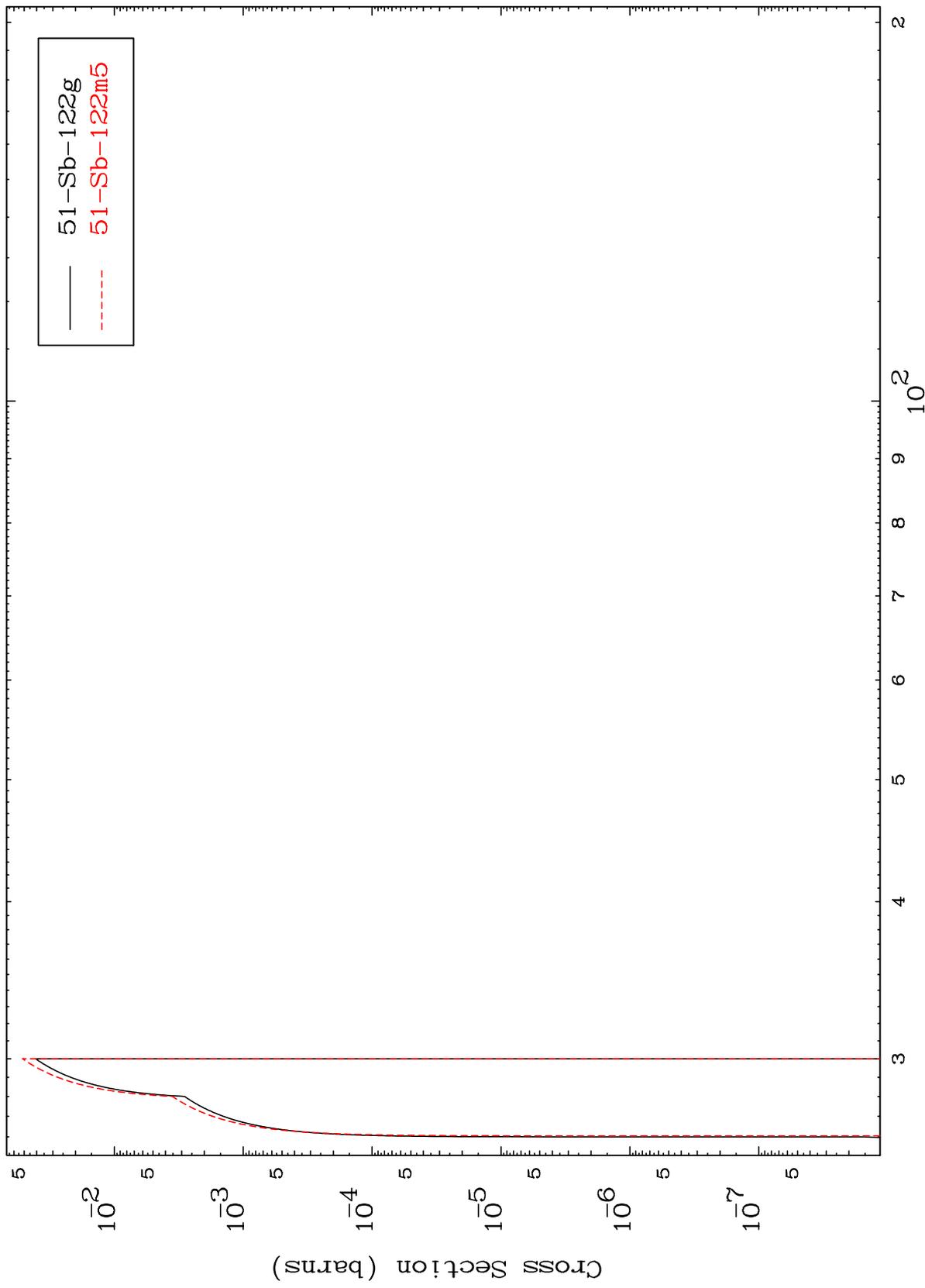
Incident Energy (MeV)

49-In-122m

MAT 4953

49-In-122m

(n,4n)
Radionuclide Production Cross Section



17

49-In-122m

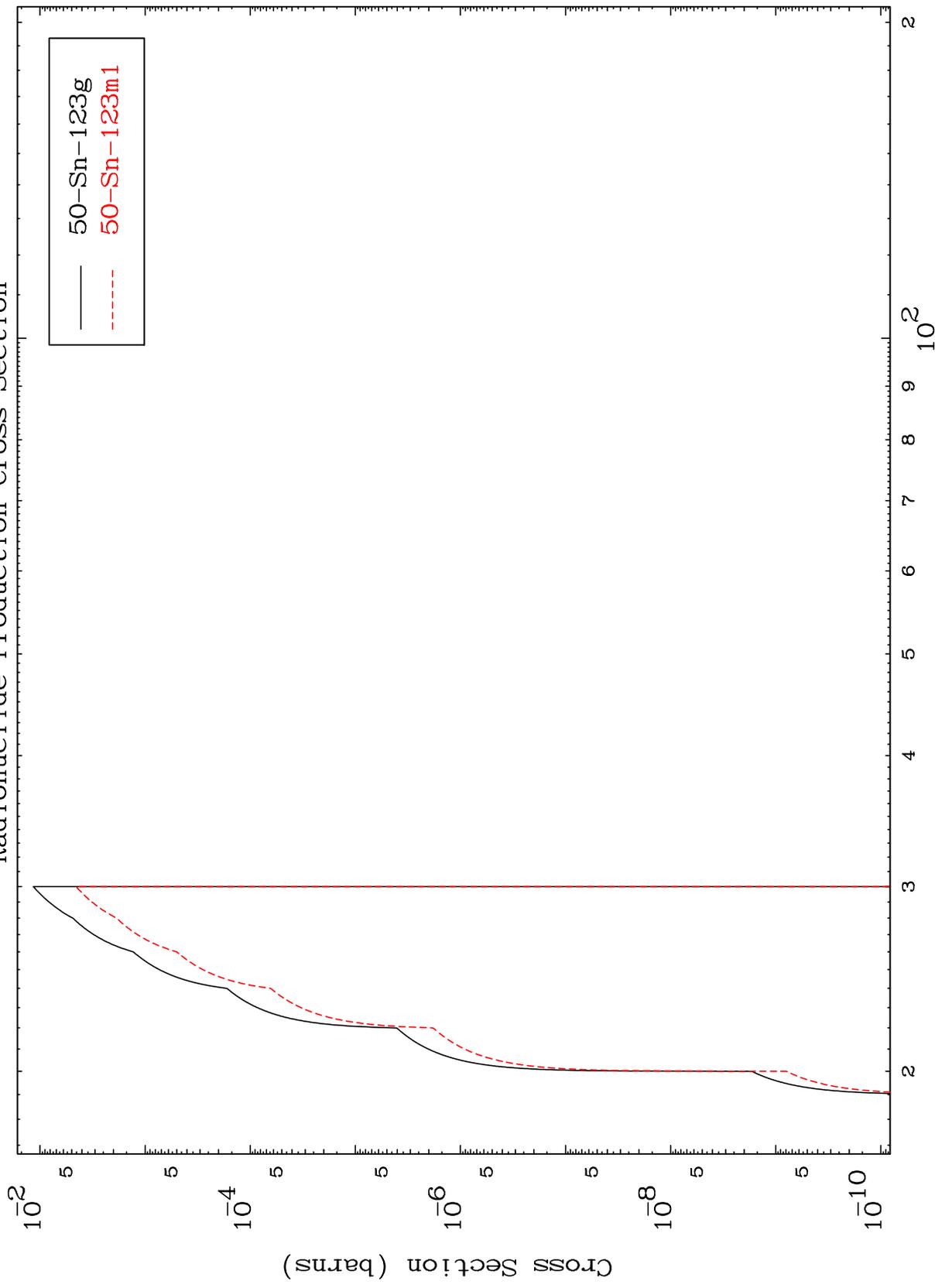
Incident Energy (MeV)

MAT 4953

(n,2n) p

49-In-122m

Radionuclide Production Cross Section



18

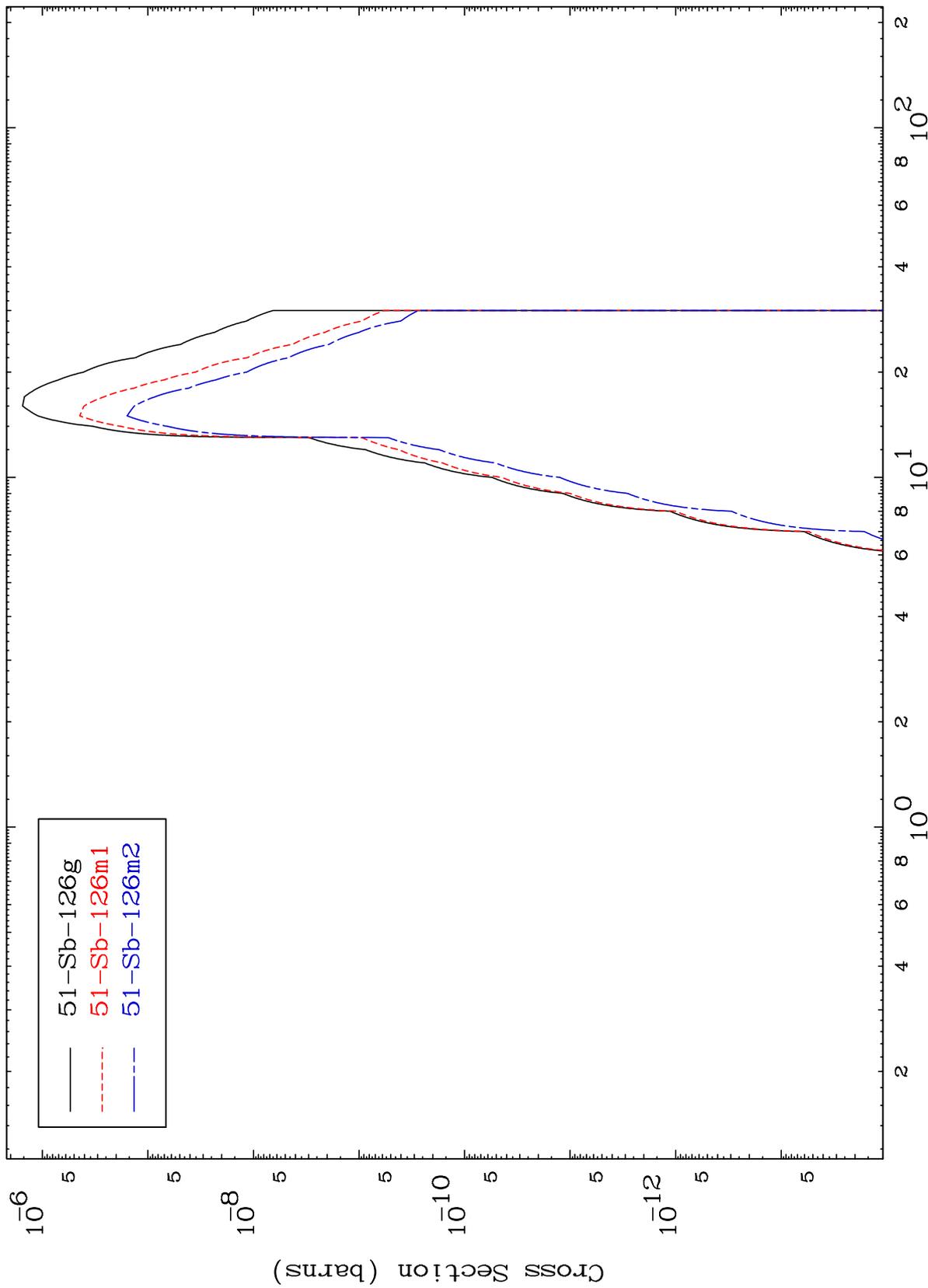
Incident Energy (MeV)

49-In-122m

MAT 4953

49-In-122m

Radionuclide Production Cross Section
(n, γ)



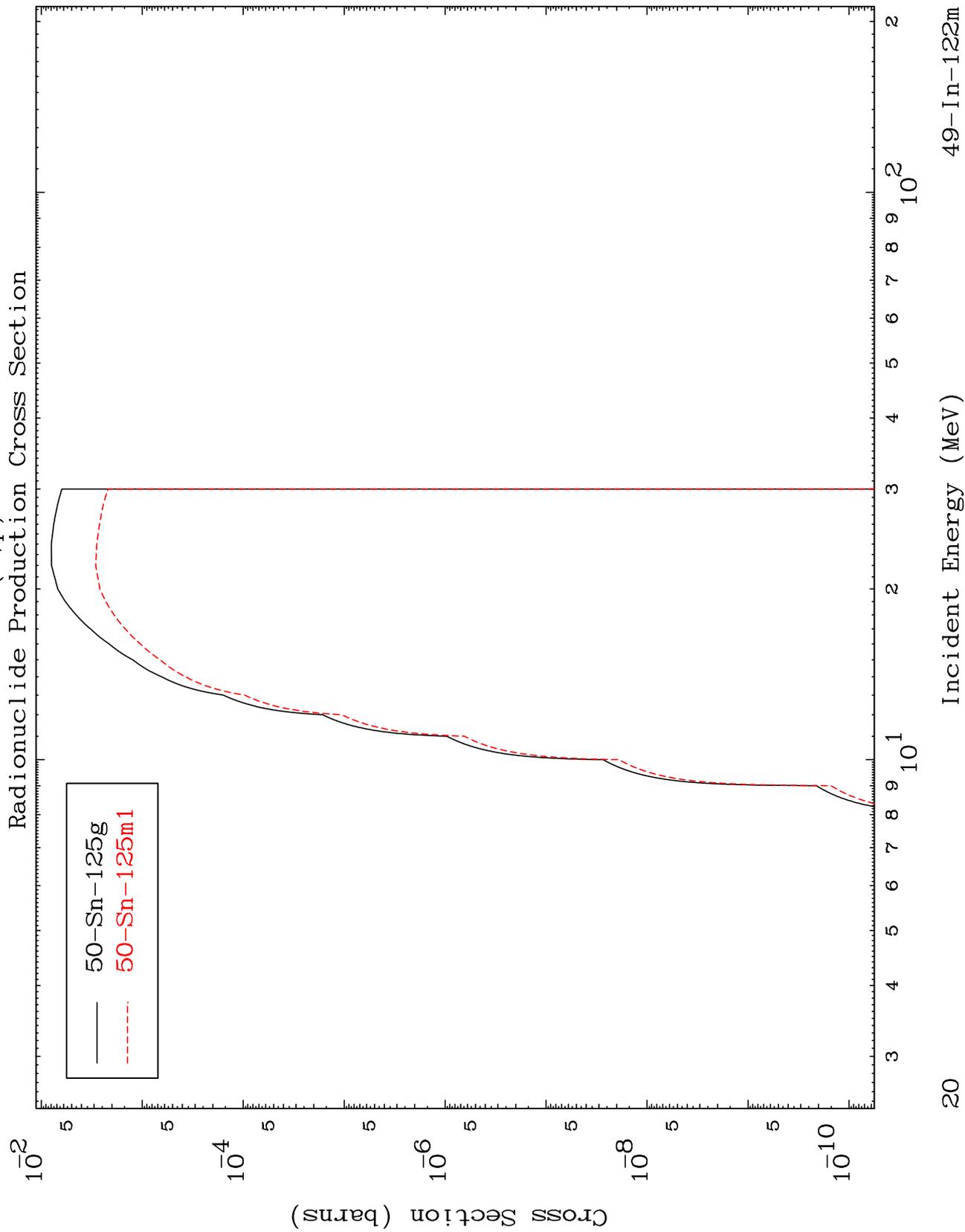
19

49-In-122m

Incident Energy (MeV)

MAT 4953

49-In-122m

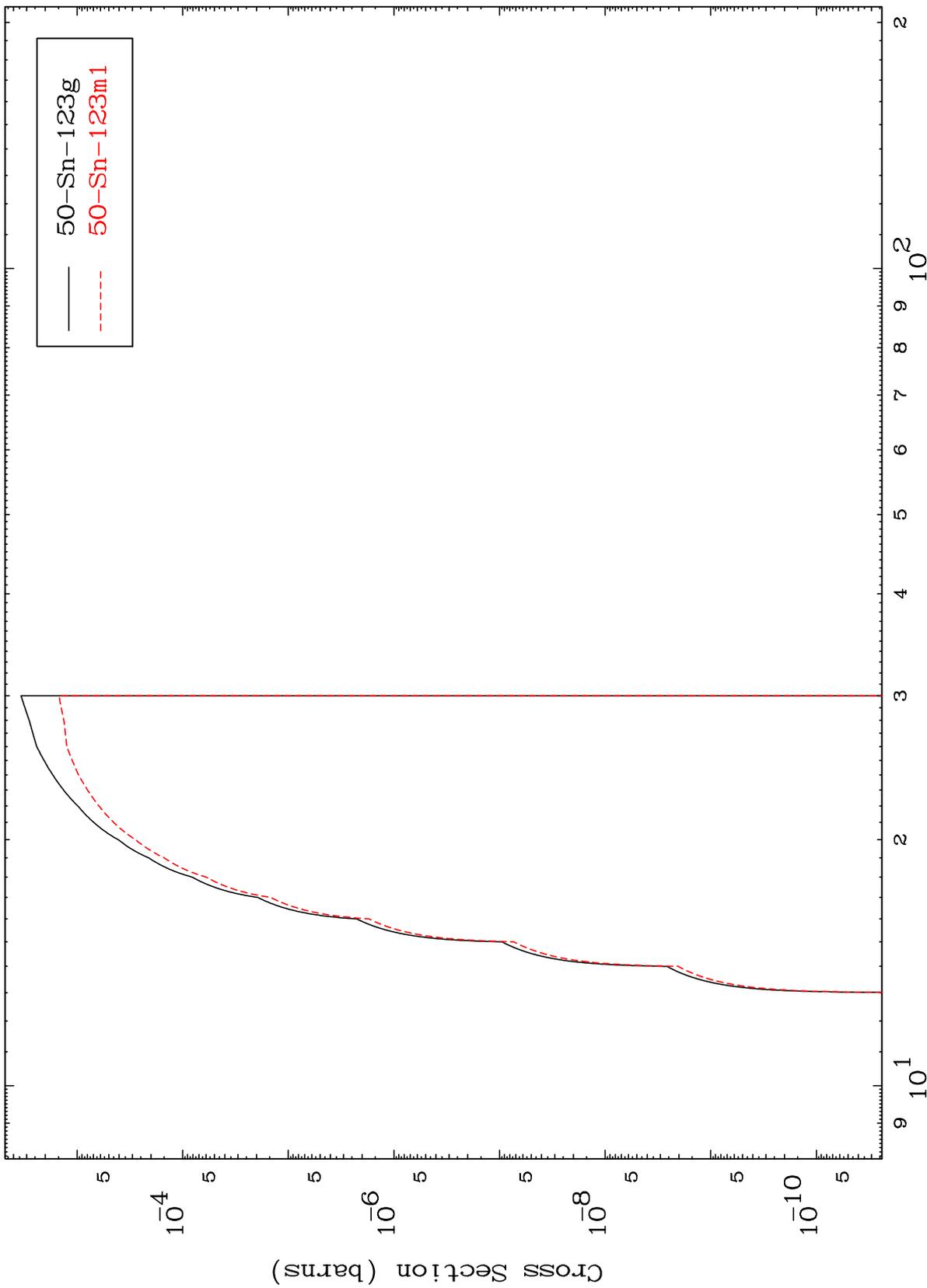


— 50-Sn-125g
- - - 50-Sn-125m1

MAT 4953

49-In-122m

(n, t)
Radionuclide Production Cross Section



49-In-122m

Incident Energy (MeV)

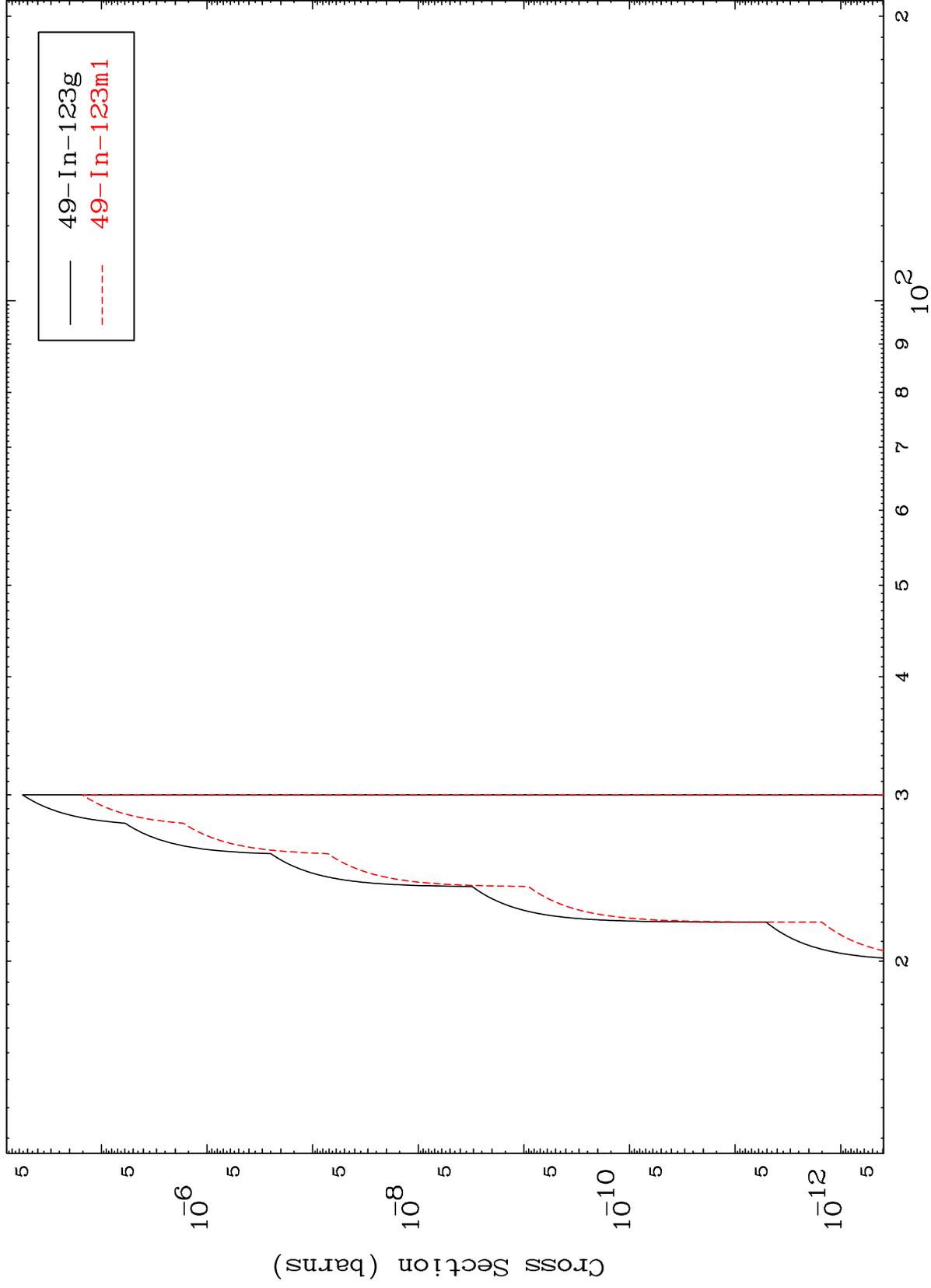
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MAT 4953

(n,He-3)

49-In-122m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

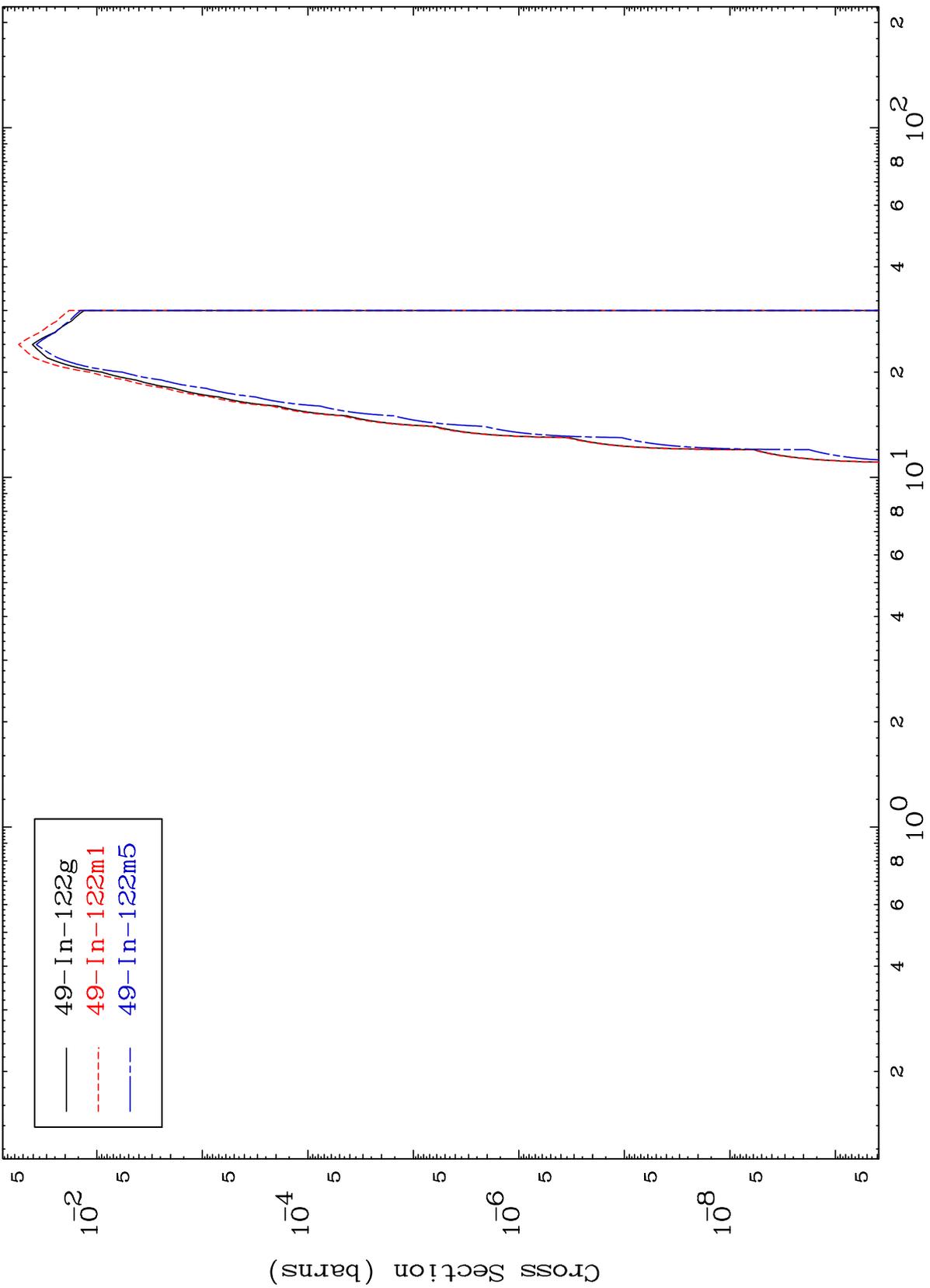
49-In-122m

MAT 4953

49-In-122m

(n, α)

Radionuclide Production Cross Section

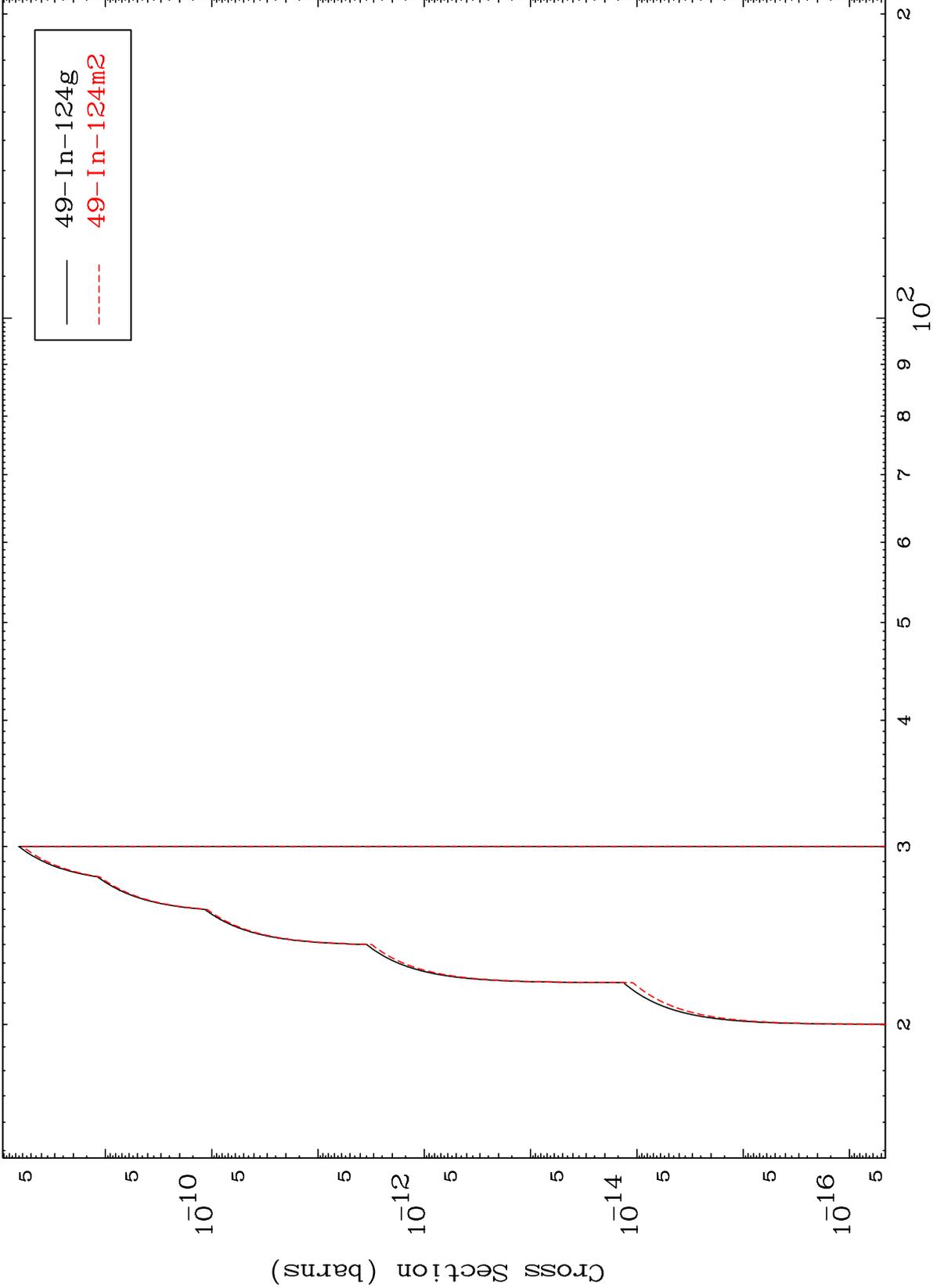


MAT 4953

49-In-122m

(n,2p)

Radionuclide Production Cross Section



24

49-In-122m

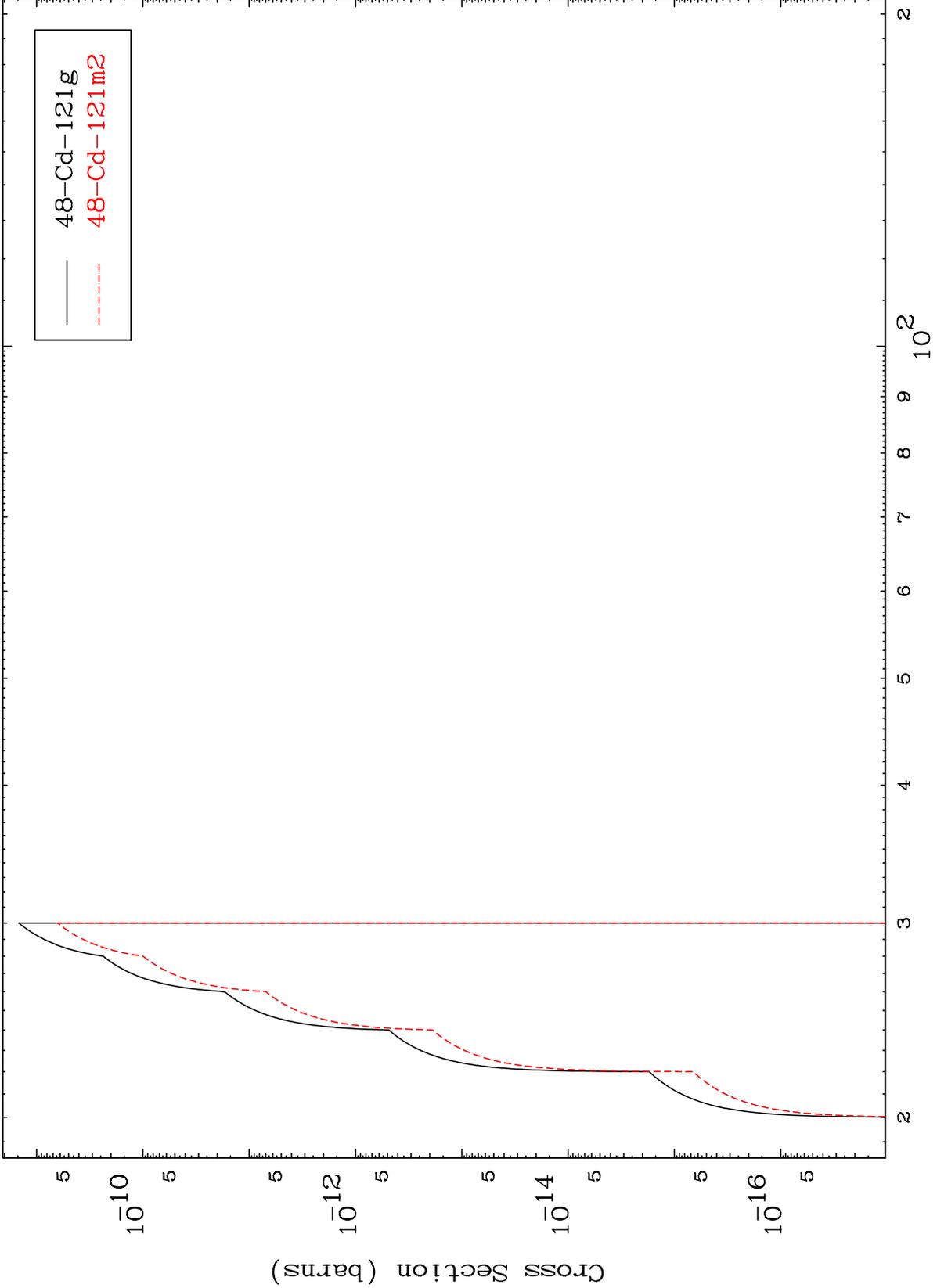
Incident Energy (MeV)

MAT 4953

(n,p) α

49-In-122m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

49-In-122m