

Program EVALPLOT
(Version 2018-1)

by

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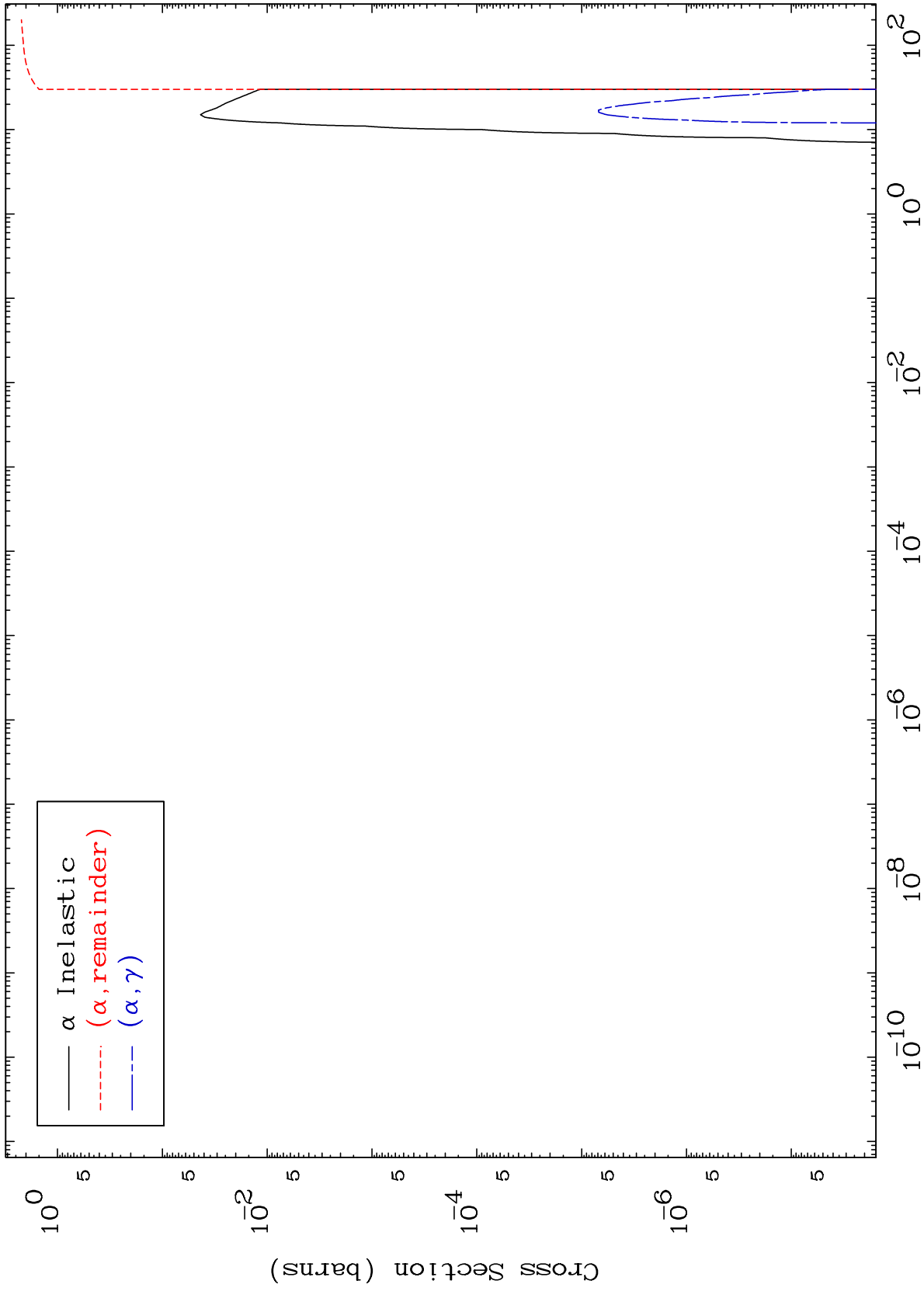
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4947

0 Kelvin α Major
Cross Sections

49-In-120



1

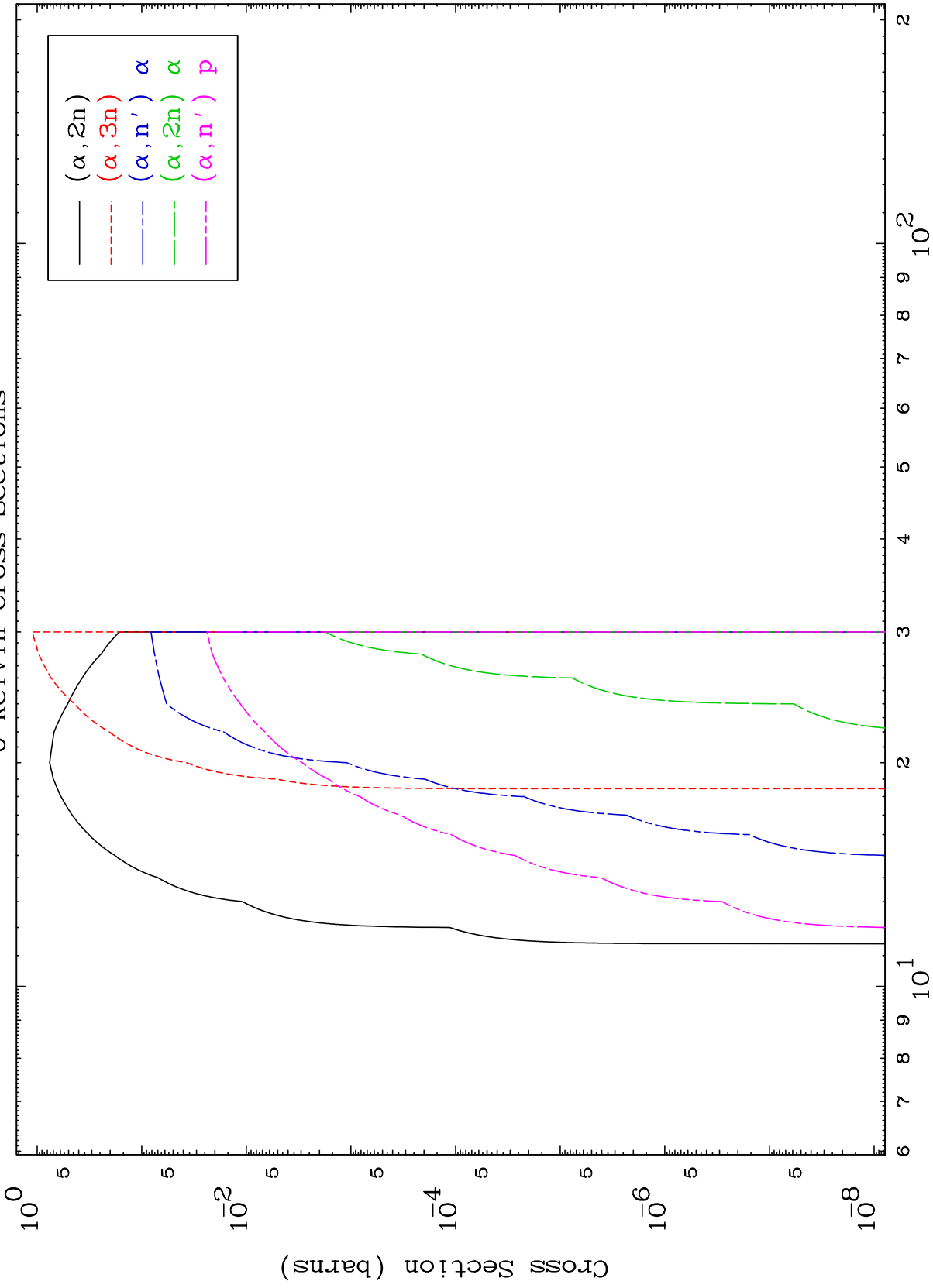
Incident Energy (MeV)

49-In-120

MAT 4947

α Neutron Production
0 Kelvin Cross Sections

49-In-120



2

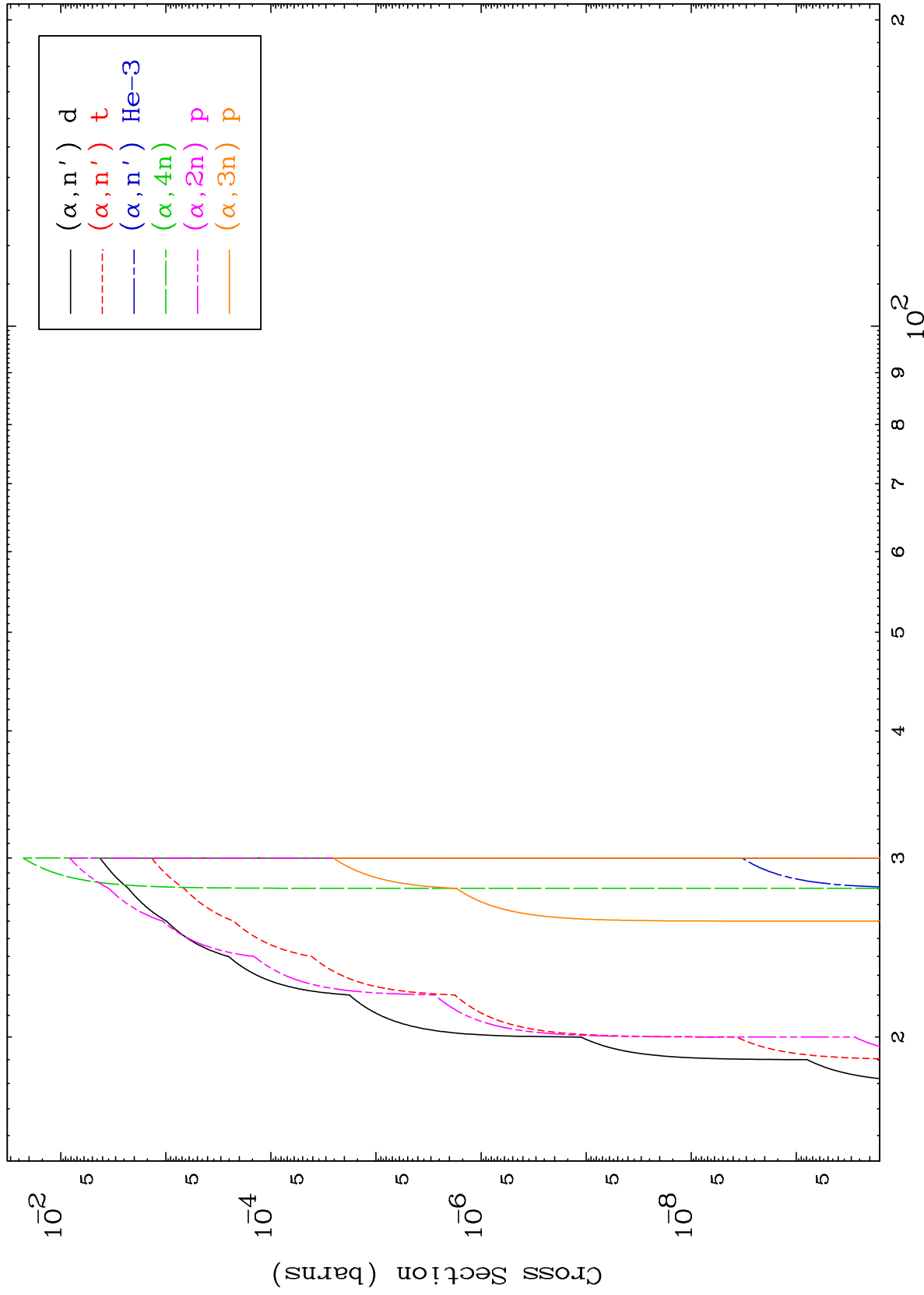
Incident Energy (MeV)

49-In-120

MAT 4947

α Neutron Production
0 Kelvin Cross Sections

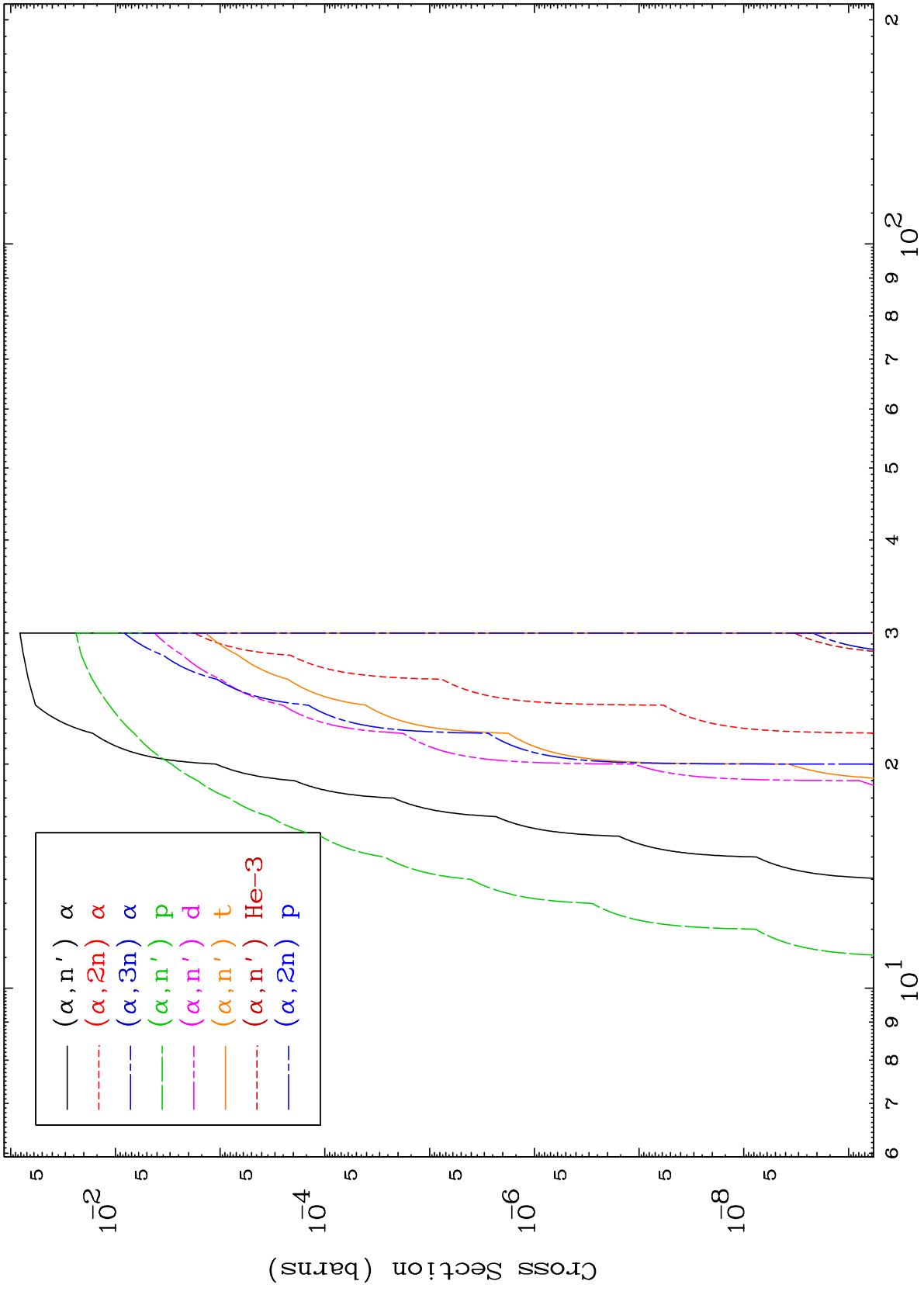
49-In-120



3

Incident Energy (MeV)

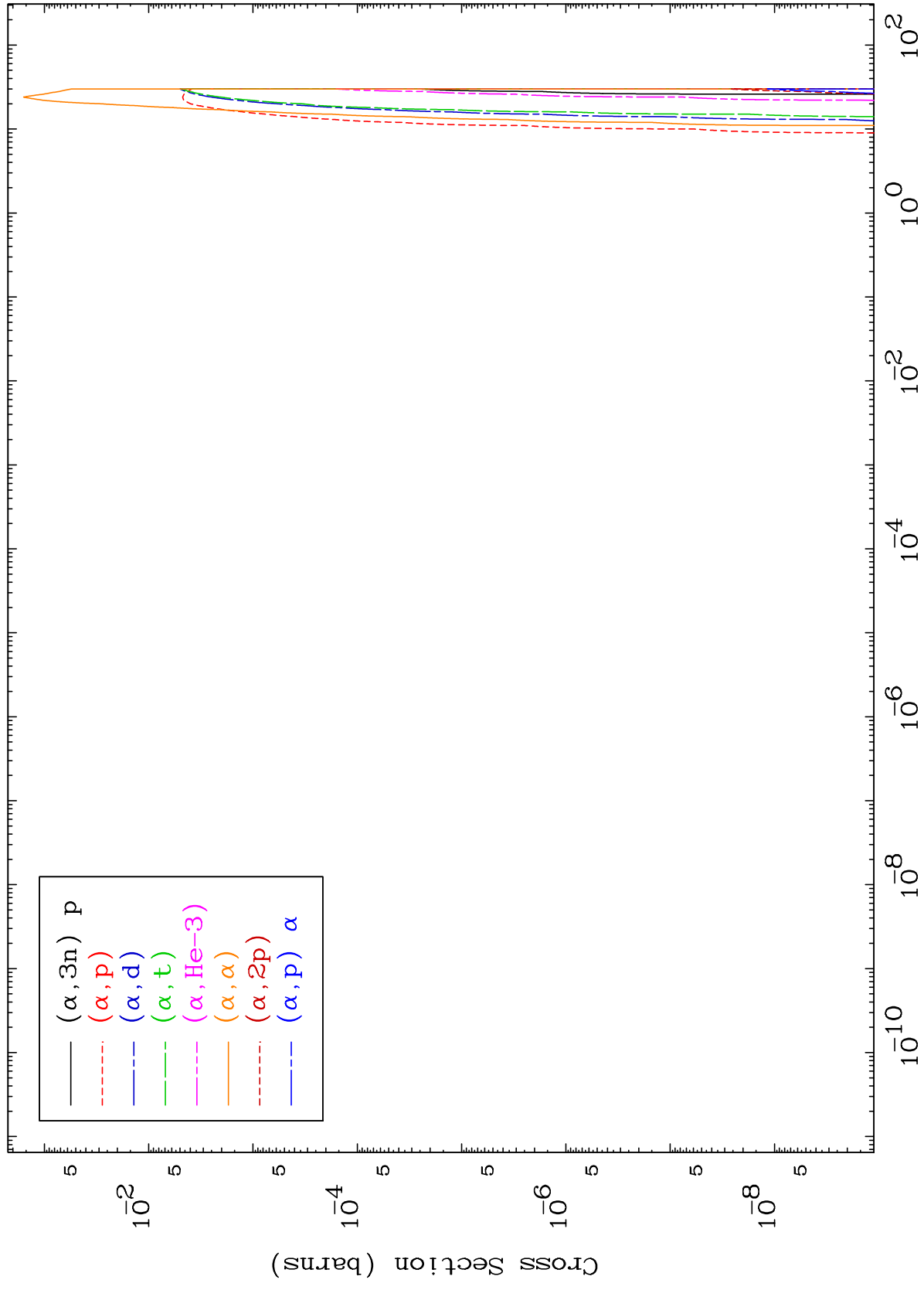
49-In-120



MAT 4947

α Charged Particle
0 Kelvin Cross Sections

49-In-120



5

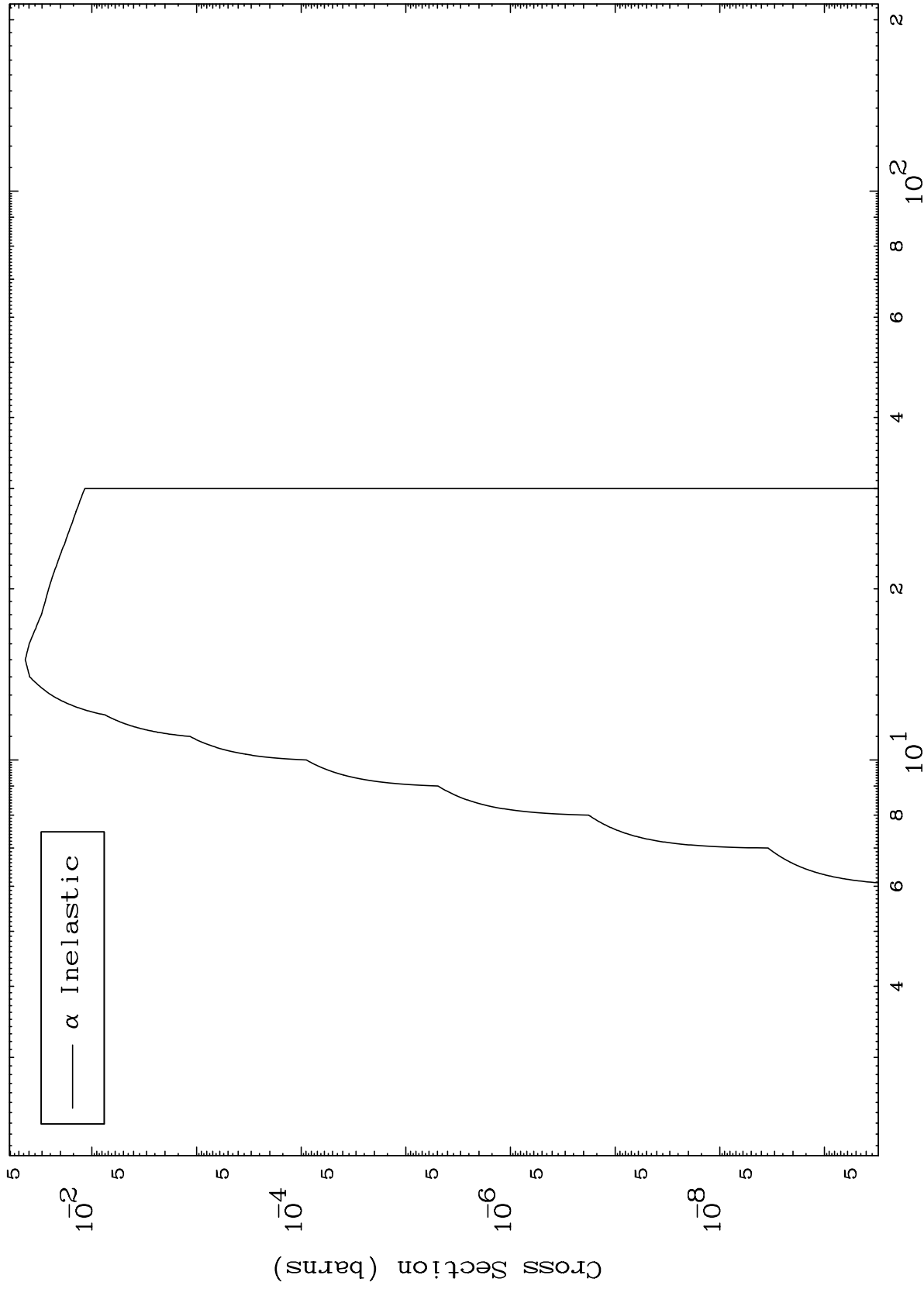
Incident Energy (MeV)

49-In-120

MAT 4947

(α, n') Level
0 Kelvin Cross Sections

49-In-120



6

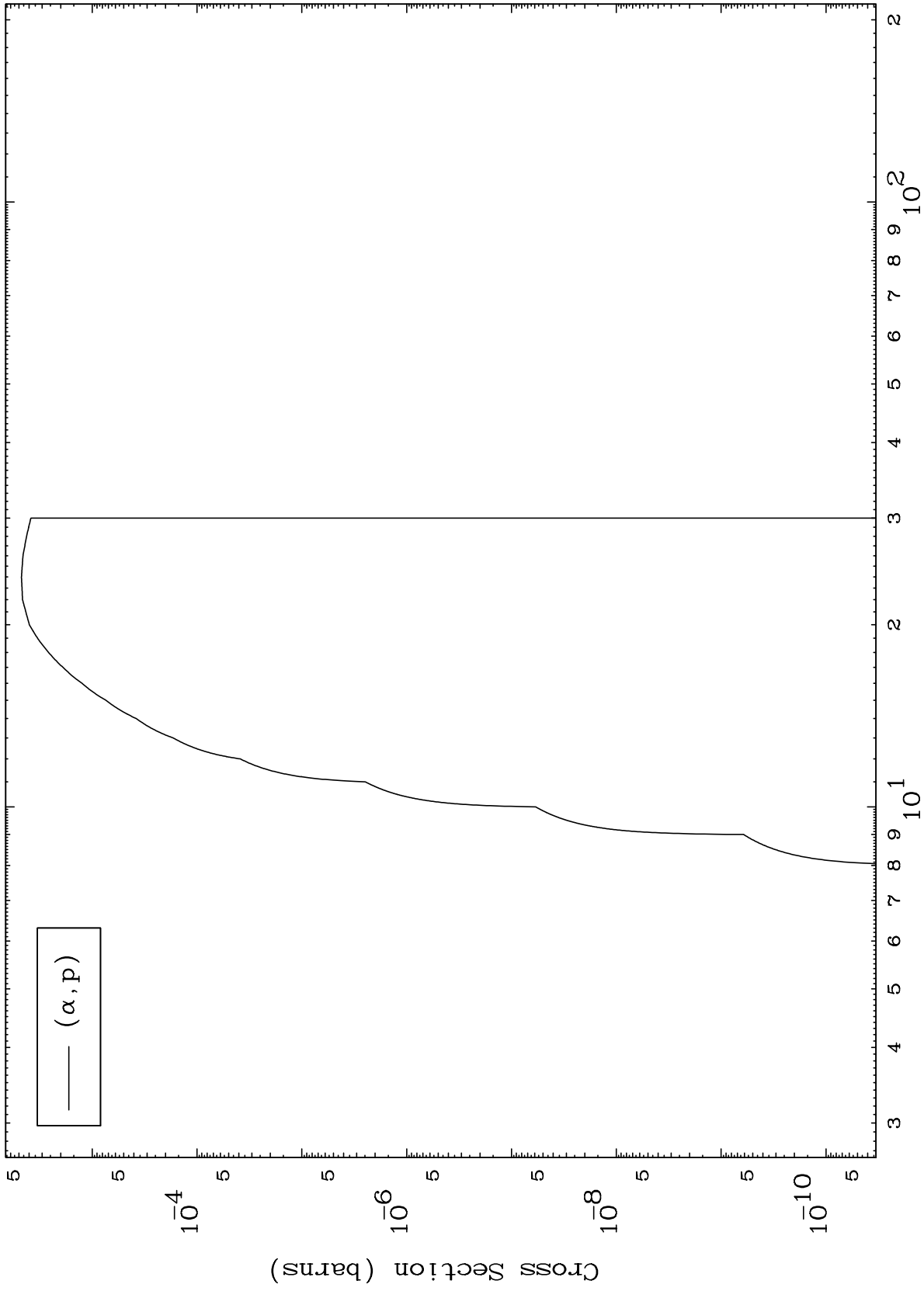
Incident Energy (MeV)

49-In-120

MAT 4947

(α, p) Levels
0 Kelvin Cross Sections

49-In-120



7

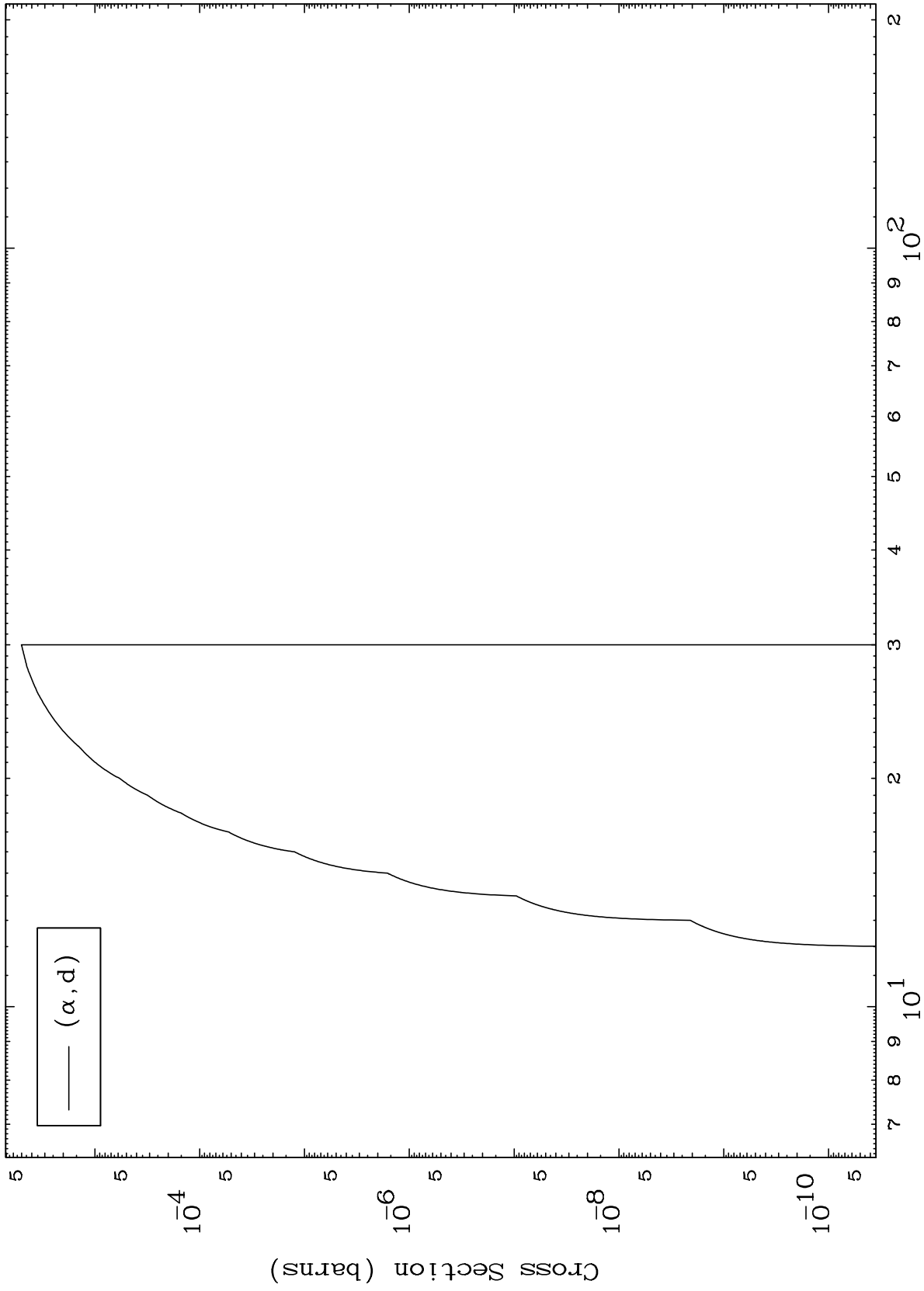
Incident Energy (MeV)

49-In-120

MAT 4947

(α, d) Levels
0 Kelvin Cross Sections

49-In-120



8

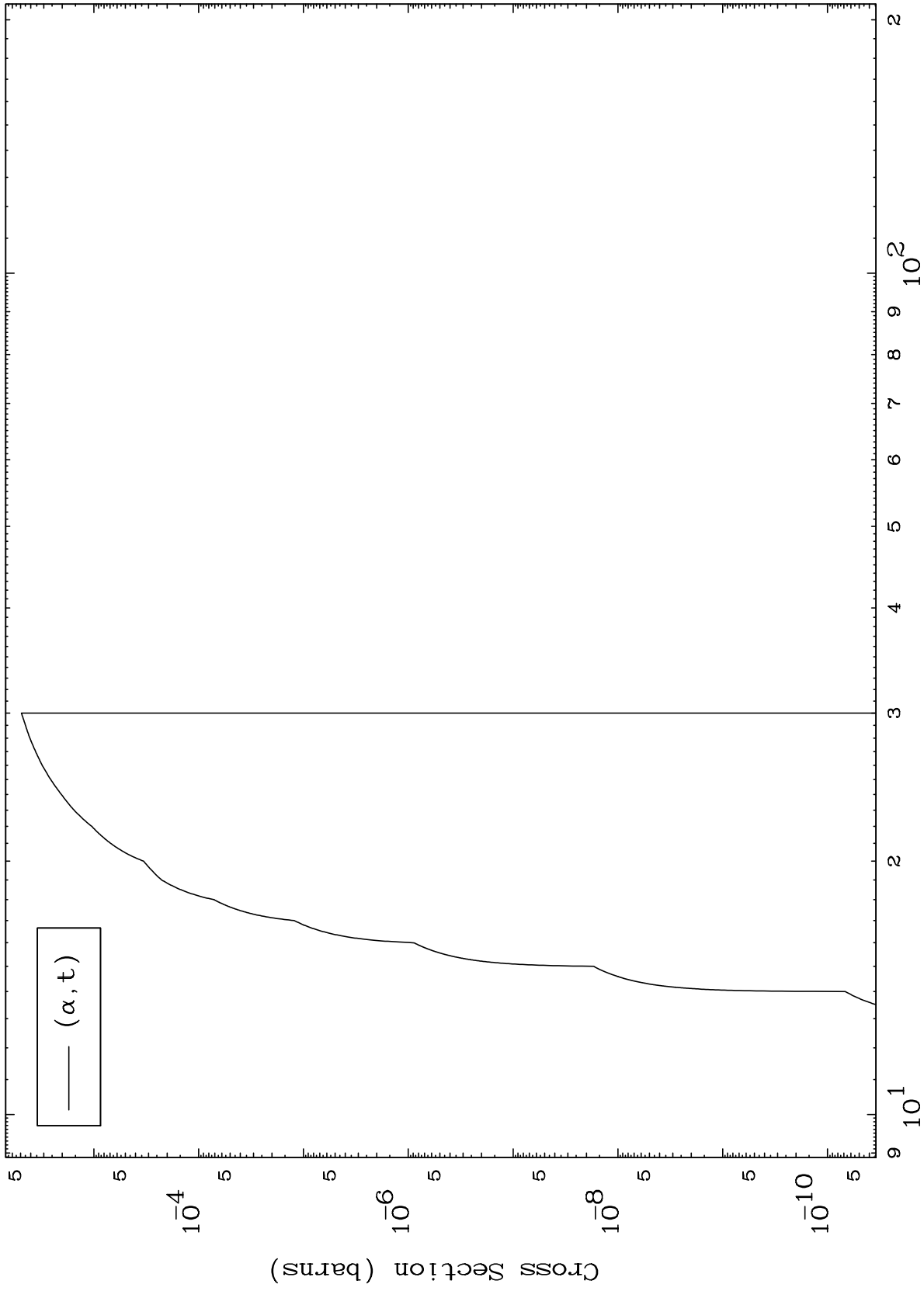
Incident Energy (MeV)

49-In-120

MAT 4947

(α, t) Levels
0 Kelvin Cross Sections

49-In-120



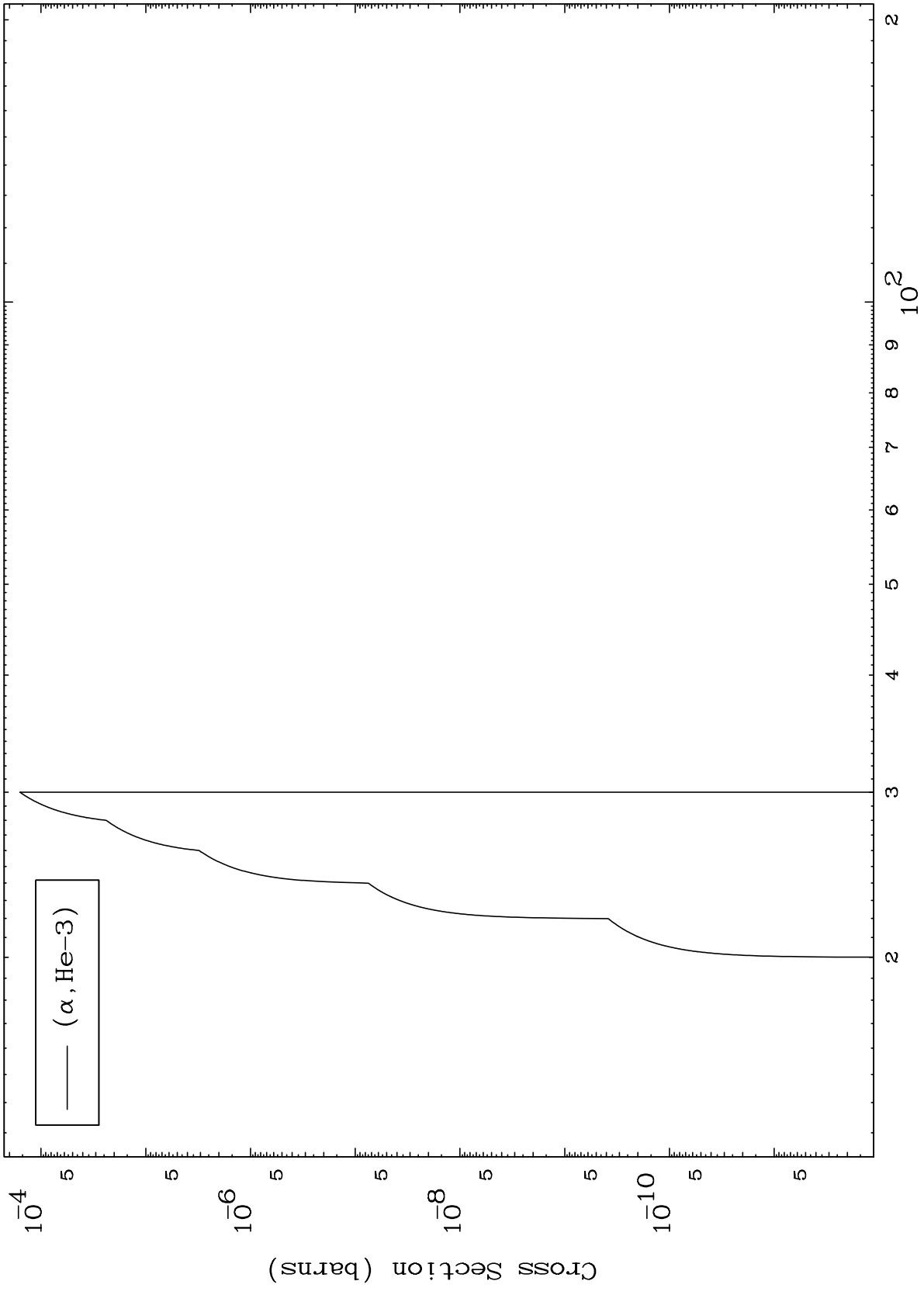
Incident Energy (MeV)

49-In-120

MAT 4947

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

49-In-120



10

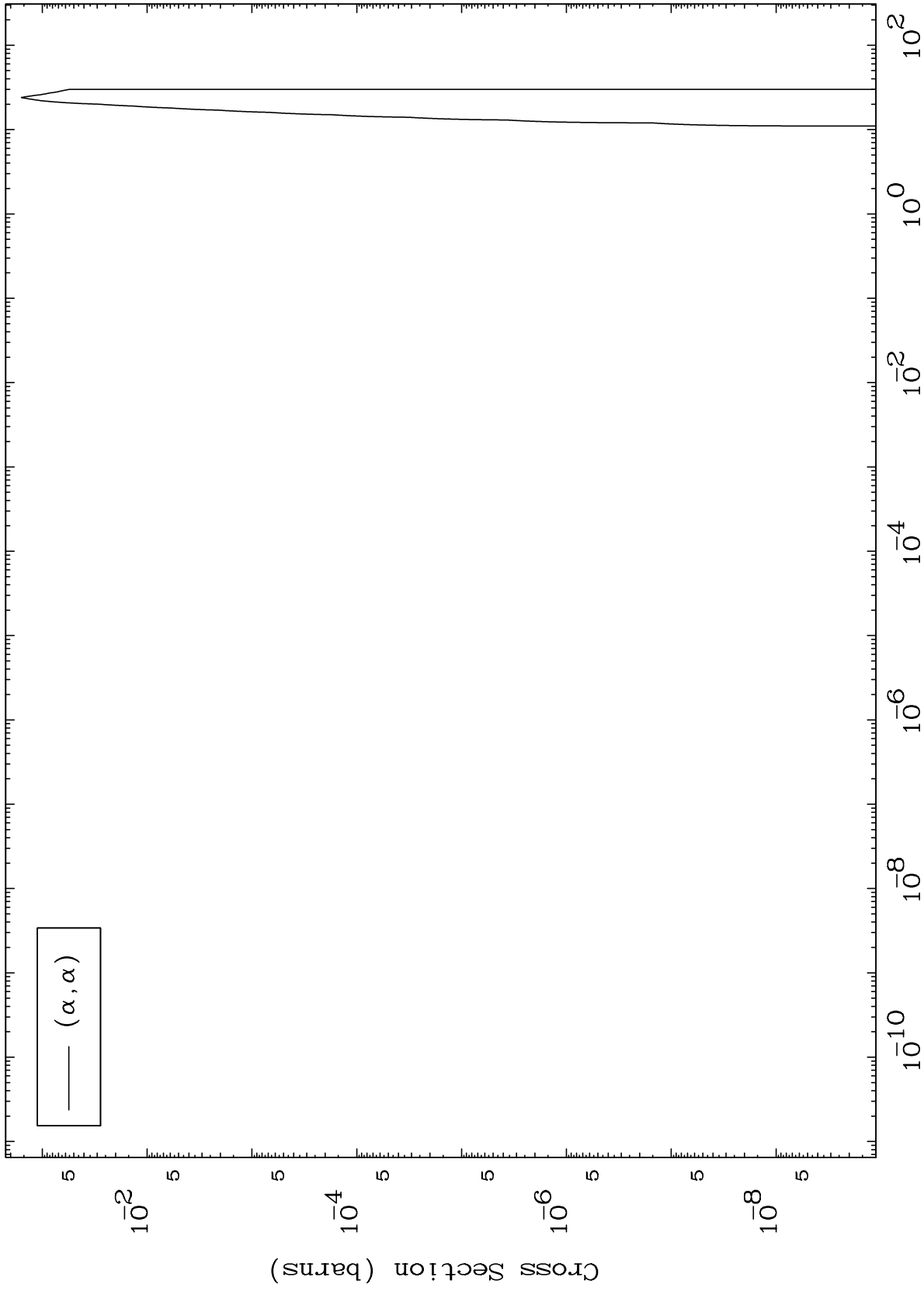
Incident Energy (MeV)

49-In-120

MAT 4947

(α, α) Levels
0 Kelvin Cross Sections

49-In-120



11

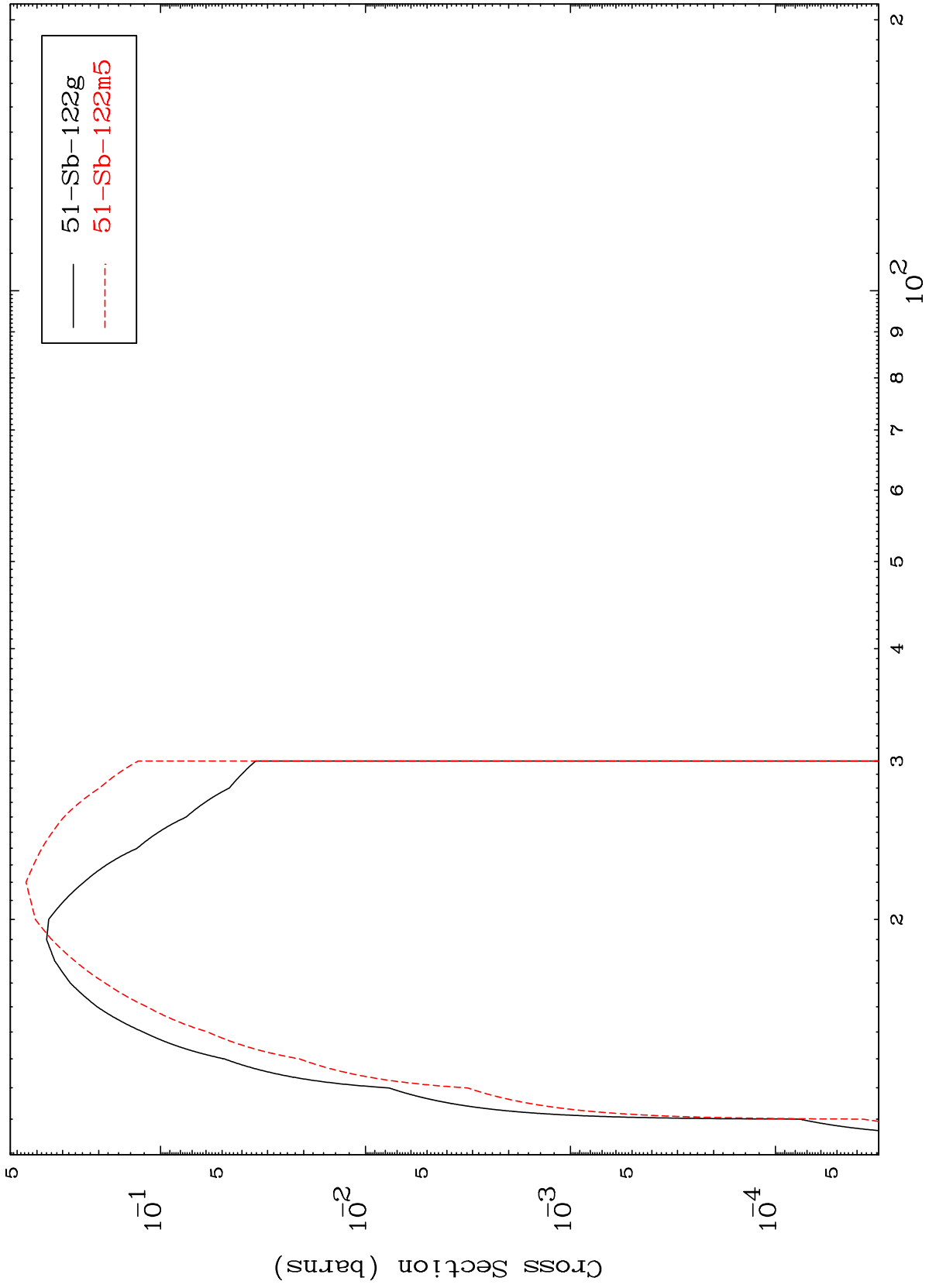
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

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



12

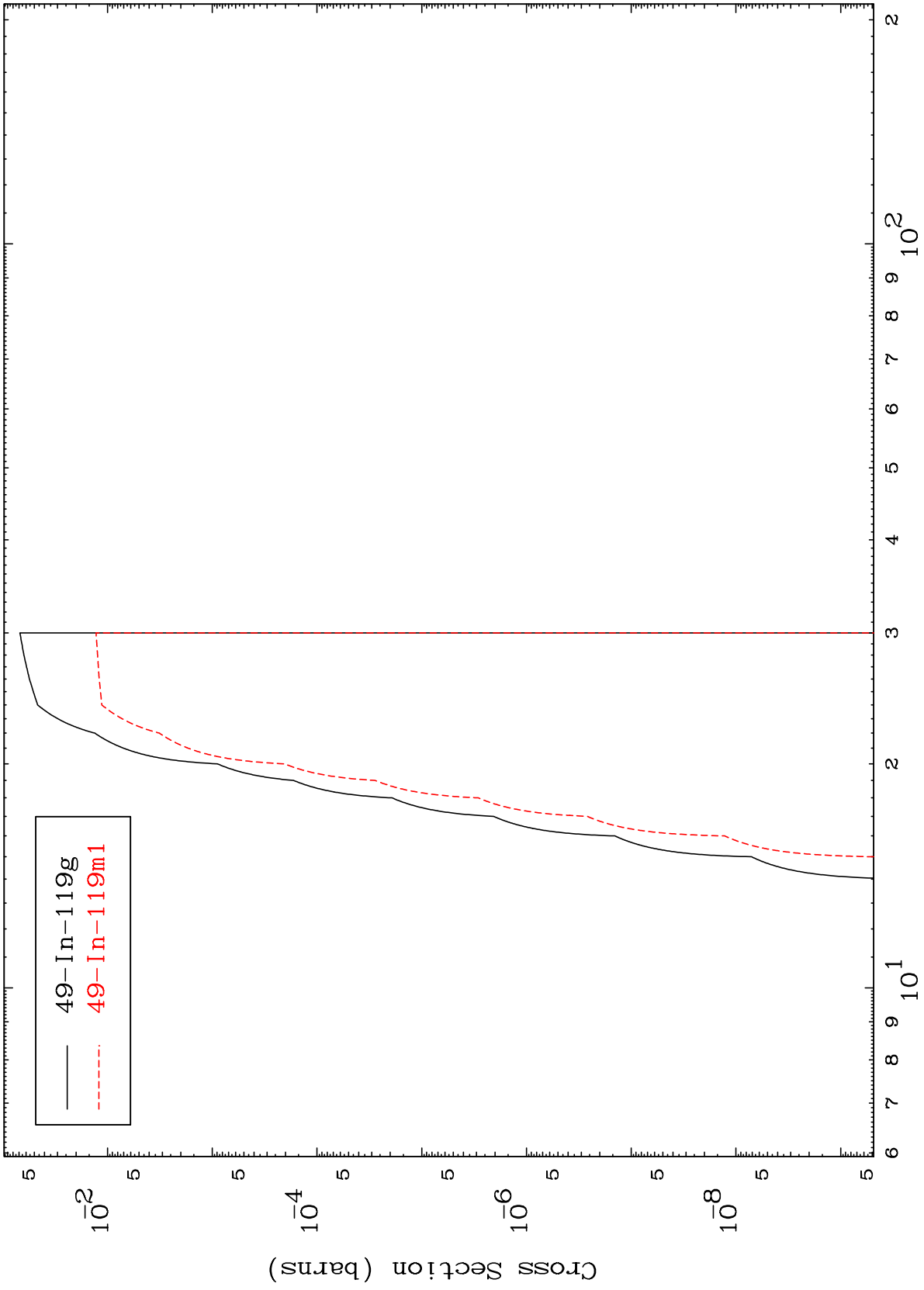
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

(α, n') α
Radionuclide Production Cross Section



13

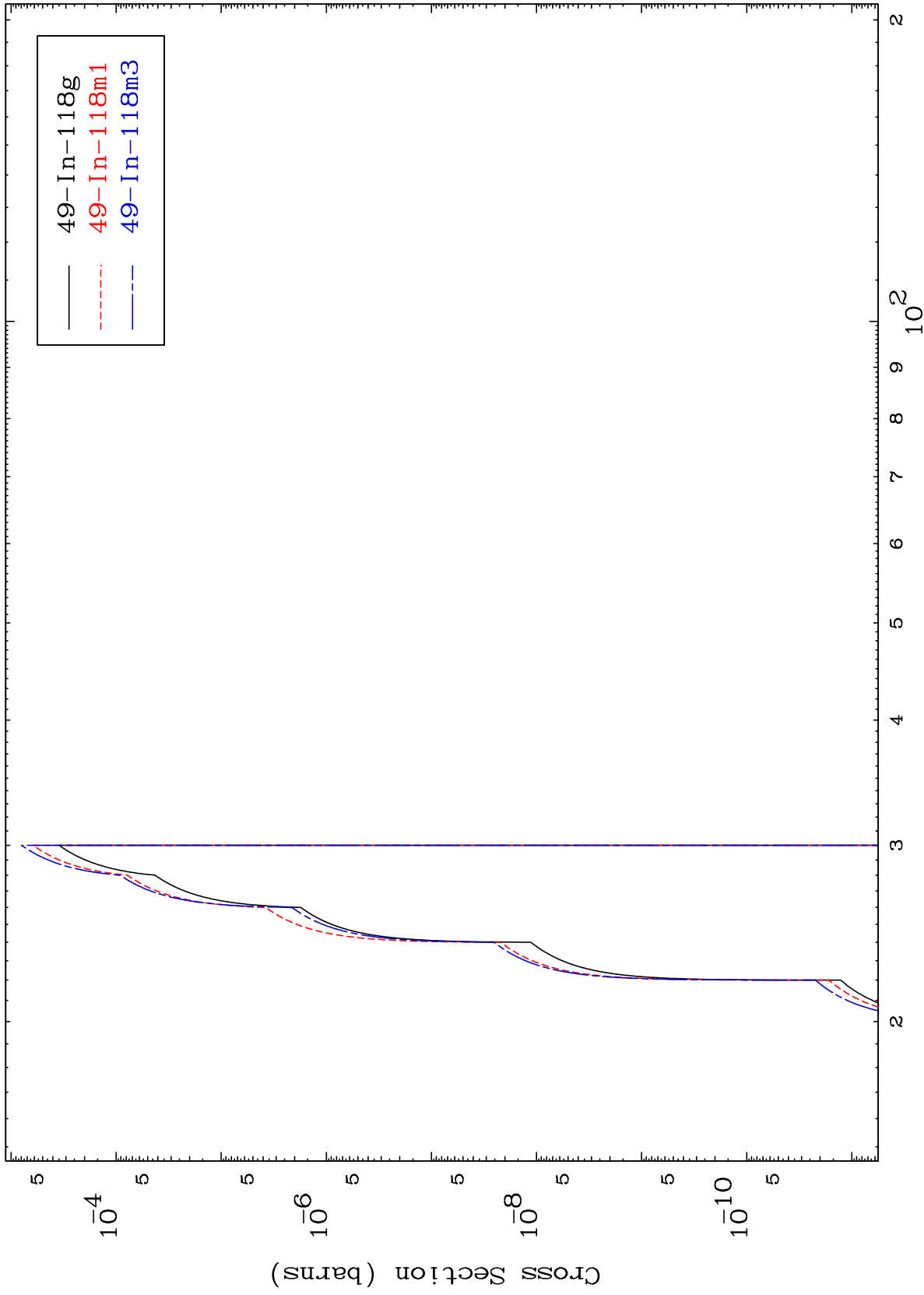
49-In-120

MAT 4947

($\alpha, 2n$) α

49-In-120

Radionuclide Production Cross Section



14

Incident Energy (MeV)

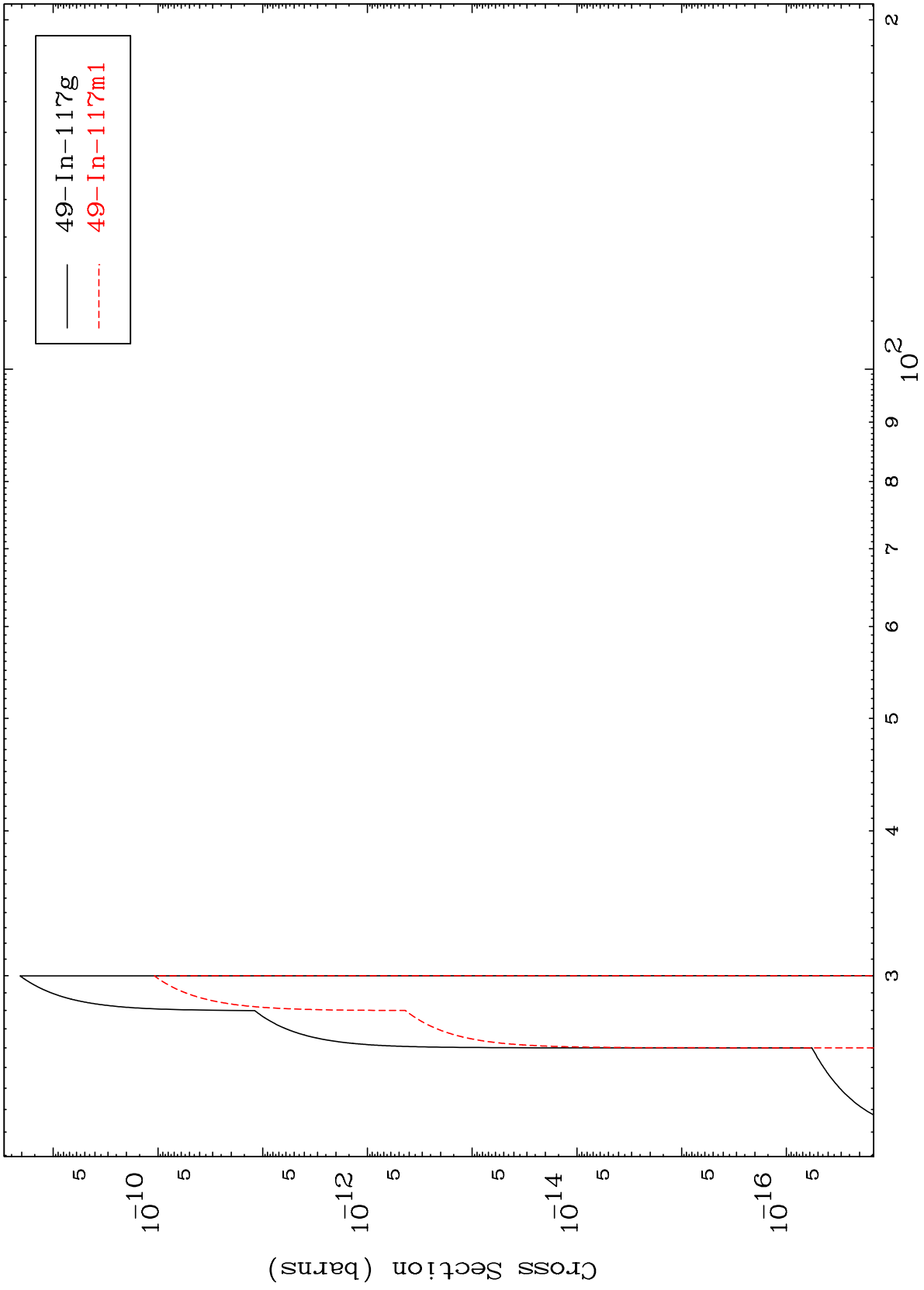
49-In-120

MAT 4947

($\alpha, 3n$) α

49-In-120

Radionuclide Production Cross Section



15

Incident Energy (MeV)

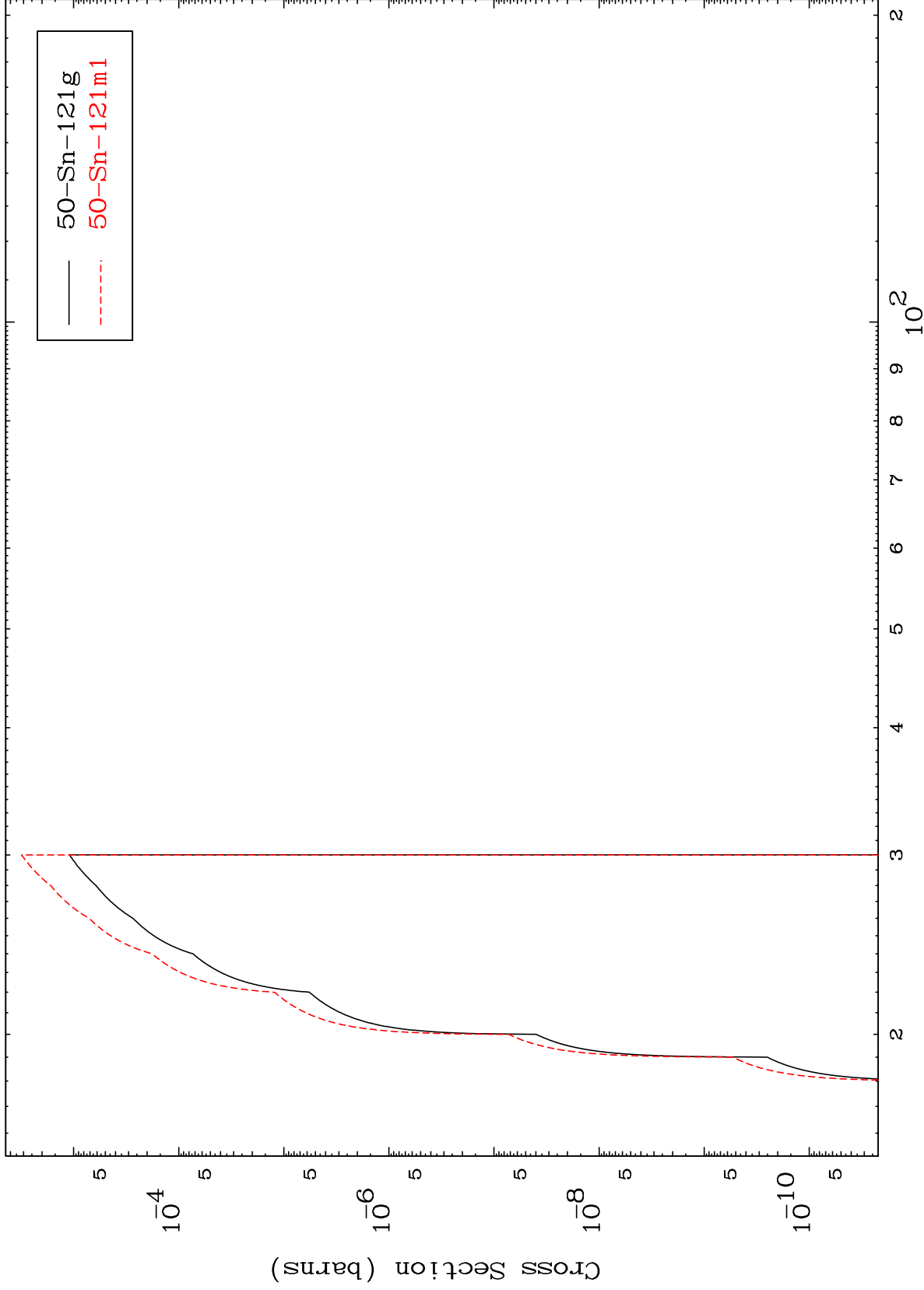
49-In-120

MAT 4947

(α, n') d

49-In-120

Radionuclide Production Cross Section



16

Incident Energy (MeV)

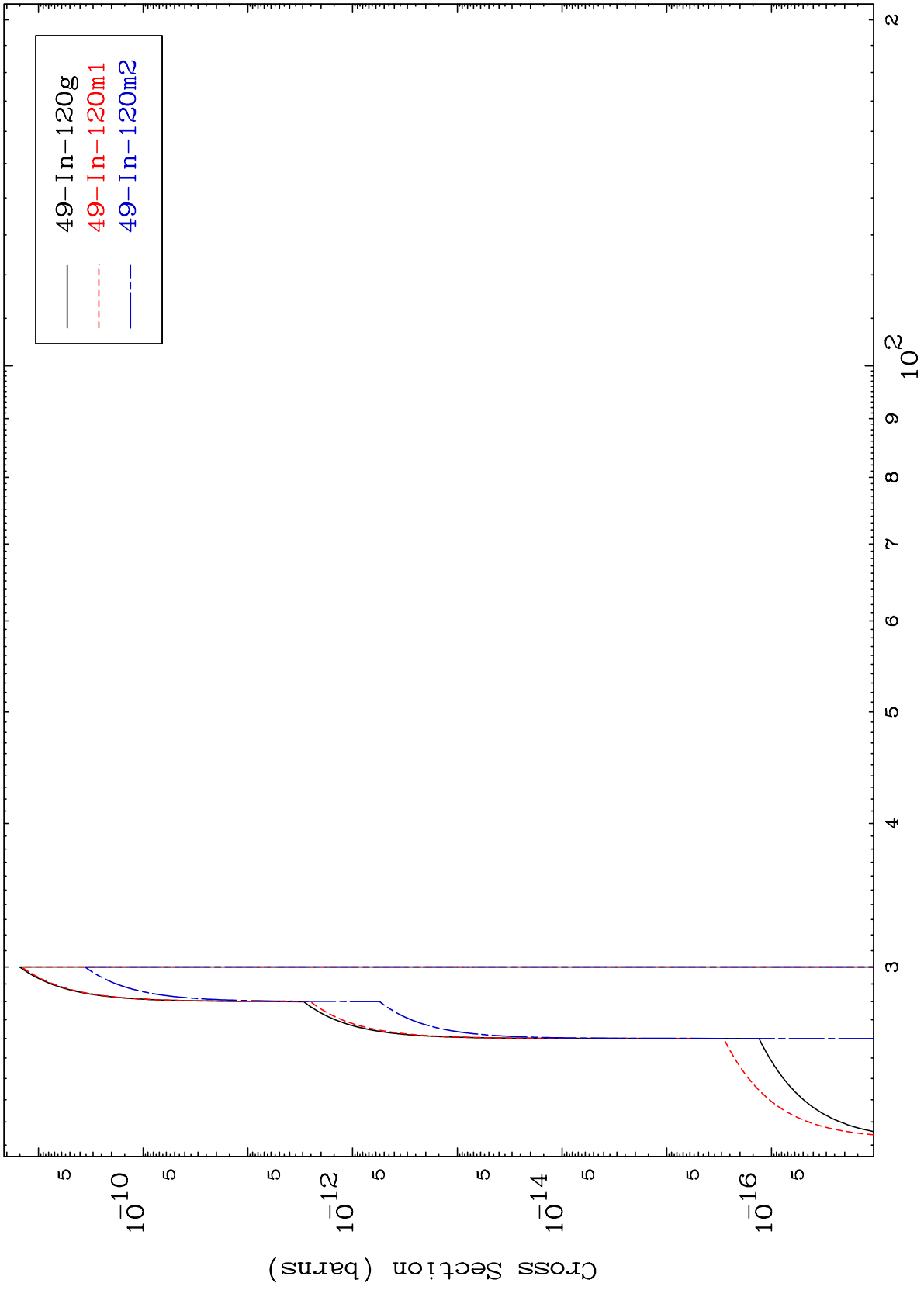
49-In-120

MAT 4947

(α, n') He-3

49-In-120

Radionuclide Production Cross Section



17

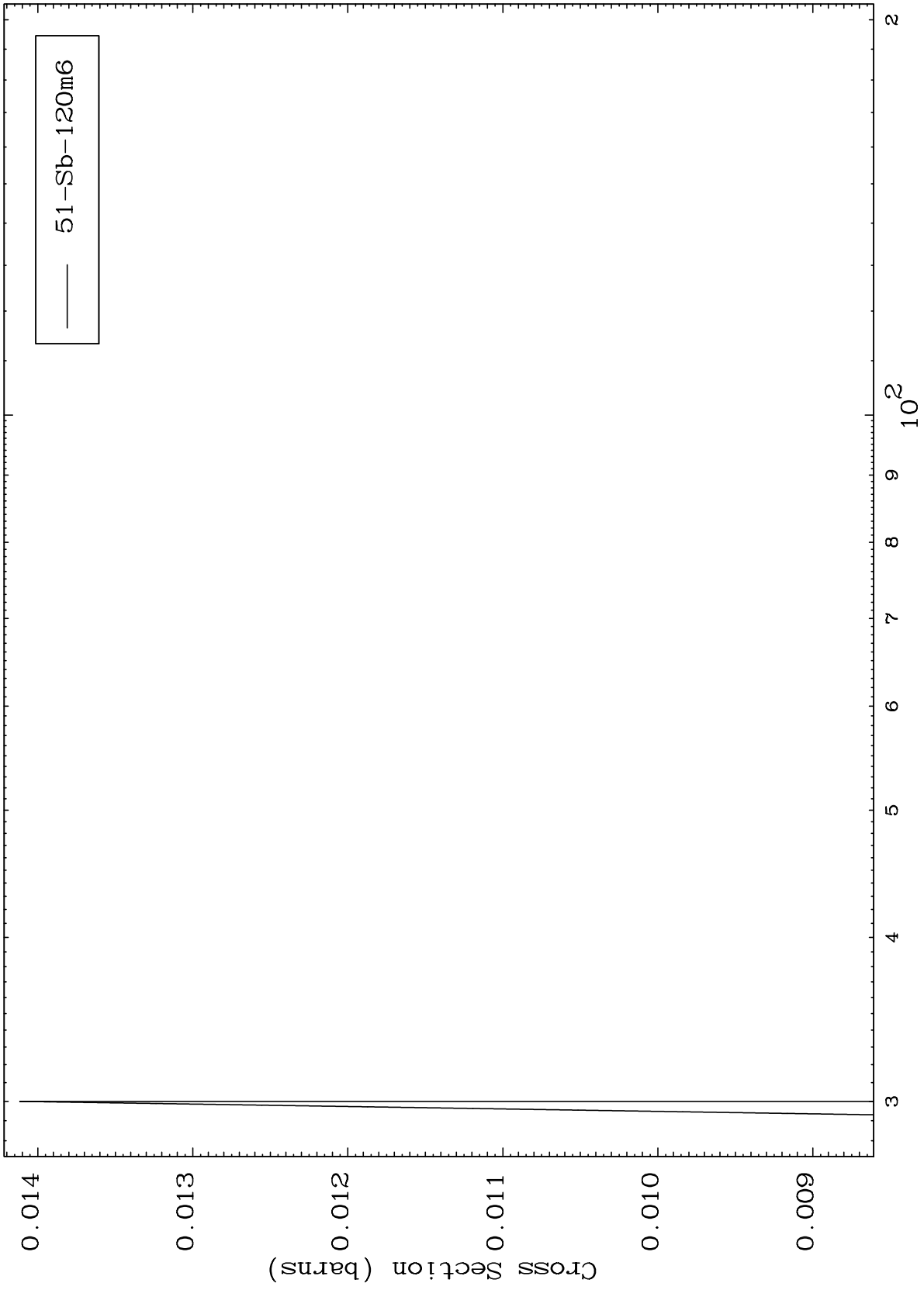
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

($\alpha, 4n$)
Radionuclide Production Cross Section



18

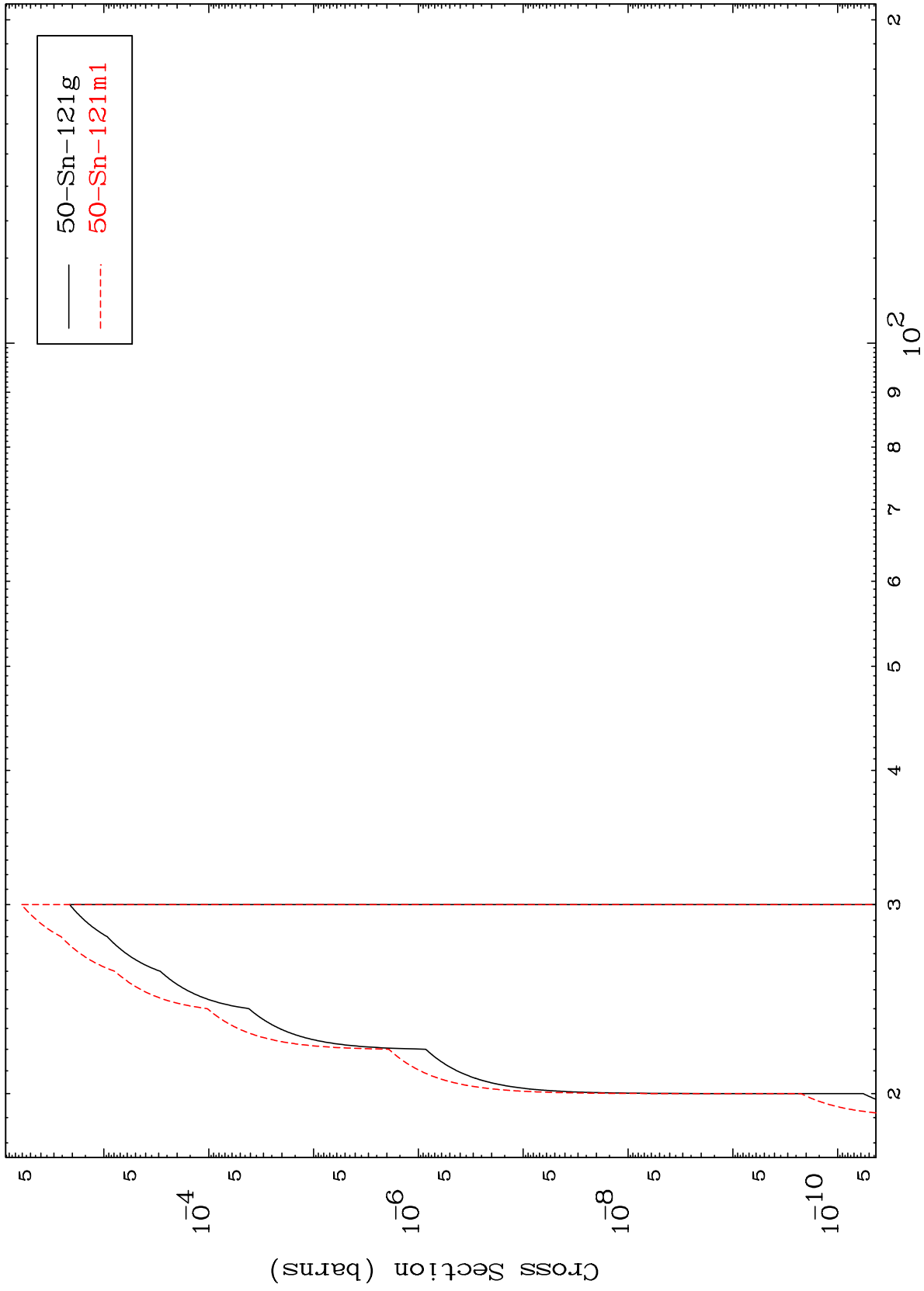
49-In-120

MAT 4947

($\alpha, 2n$) p

49-In-120

Radionuclide Production Cross Section



19

Incident Energy (MeV)

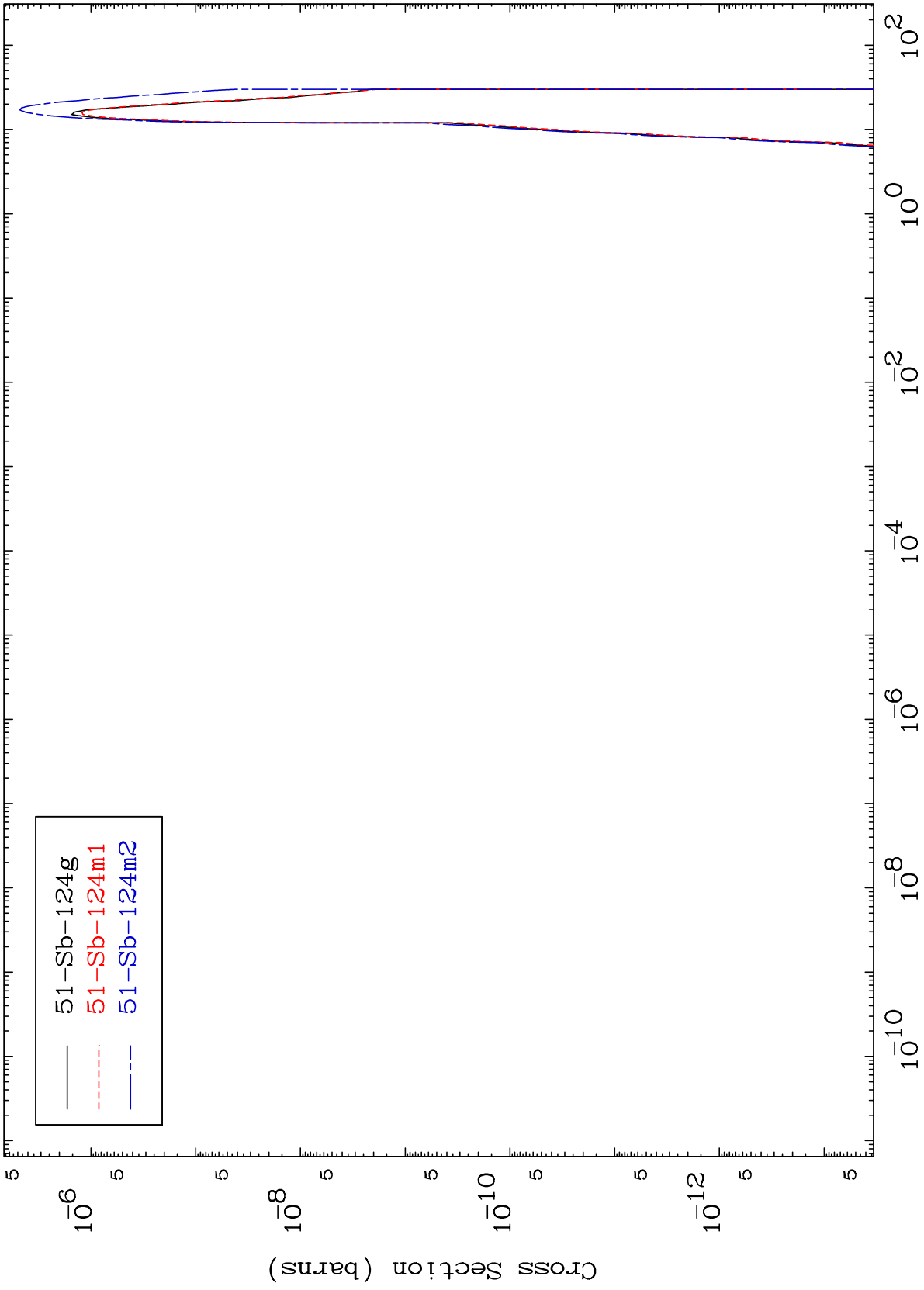
49-In-120

MAT 4947

(α, γ)

49-In-120

Radionuclide Production Cross Section



20

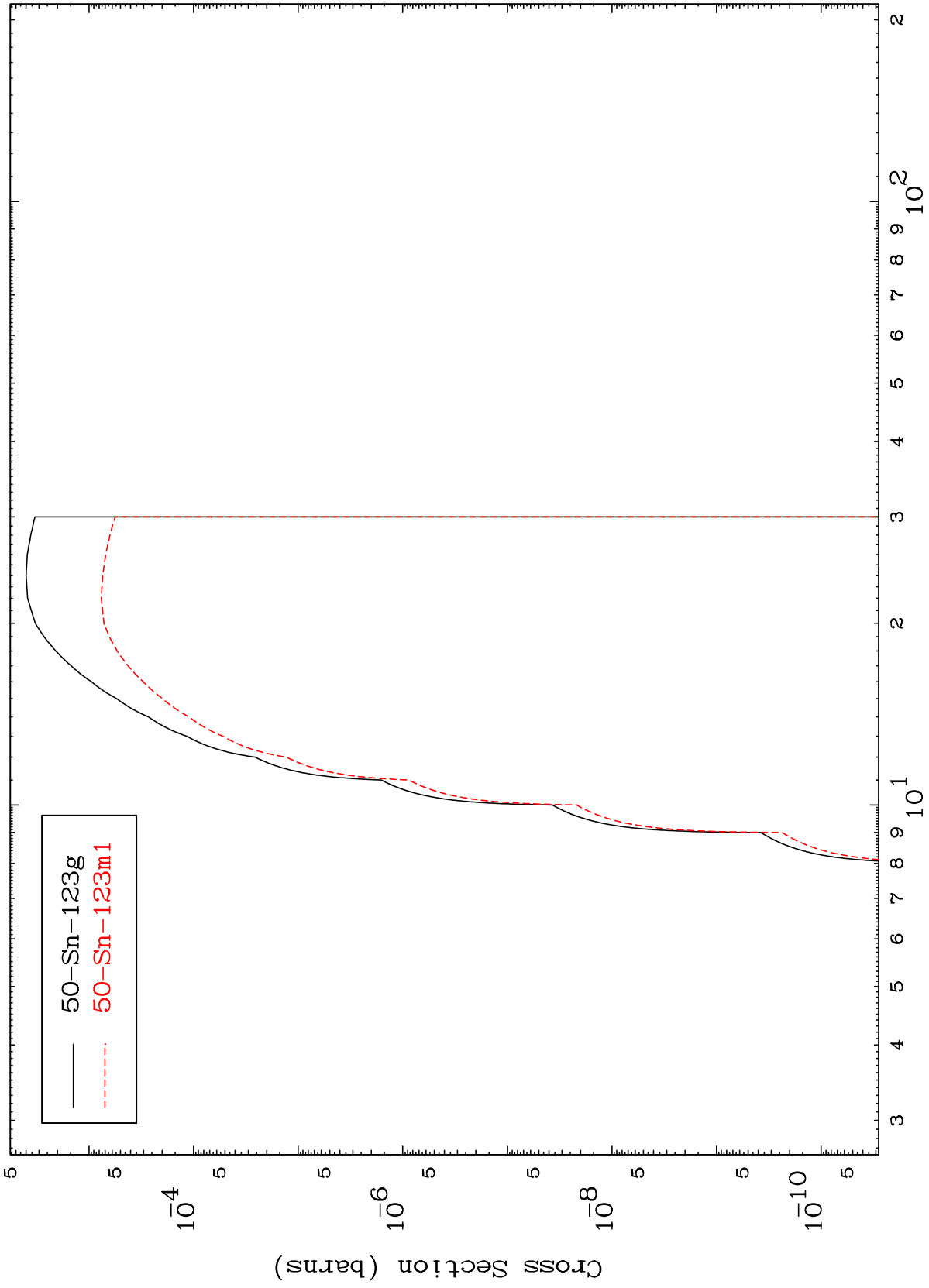
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

Radionuclide Production Cross Section



21

Incident Energy (MeV)

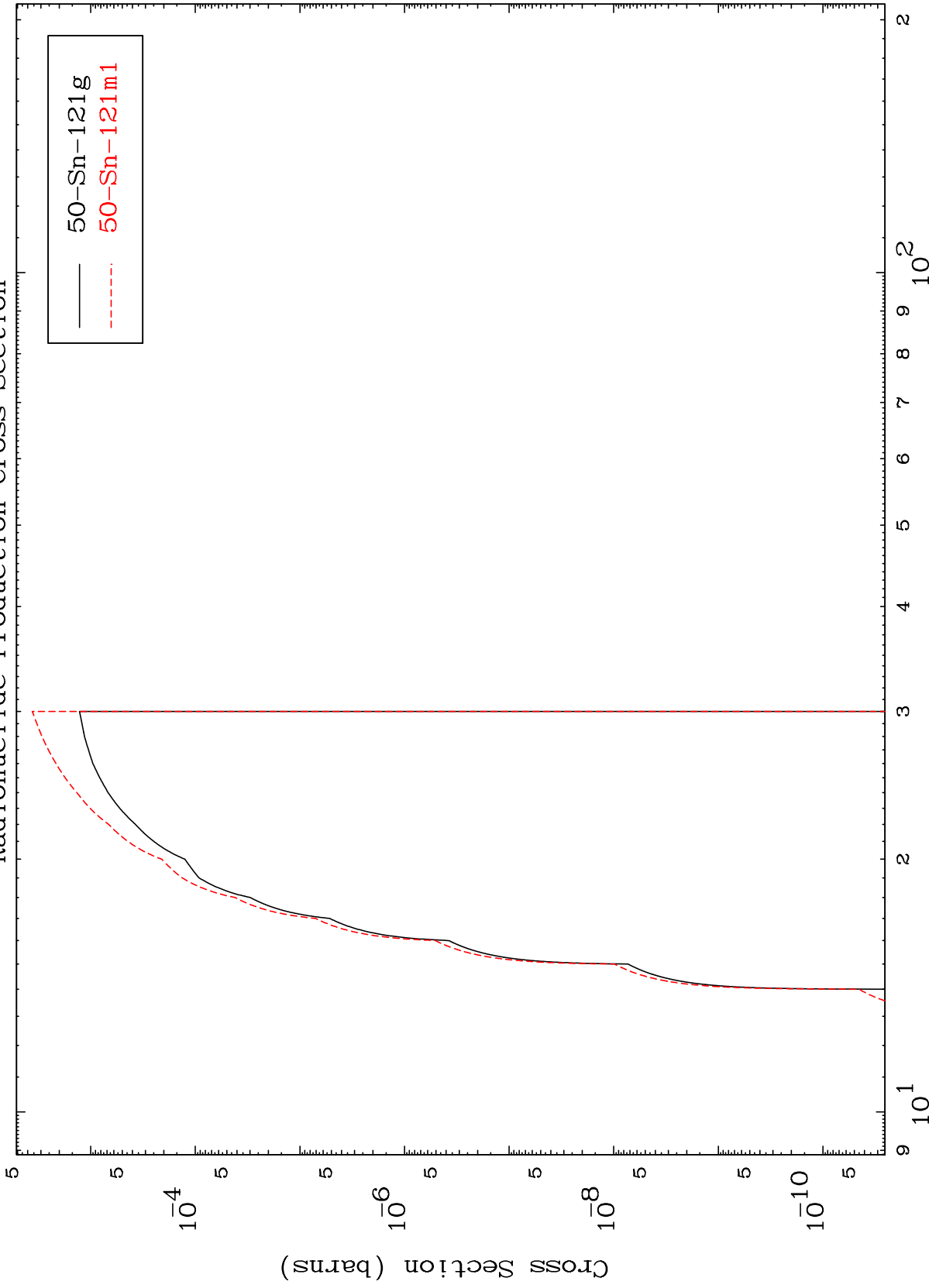
49-In-120

MAT 4947

(α, t)

49-In-120

Radionuclide Production Cross Section



22

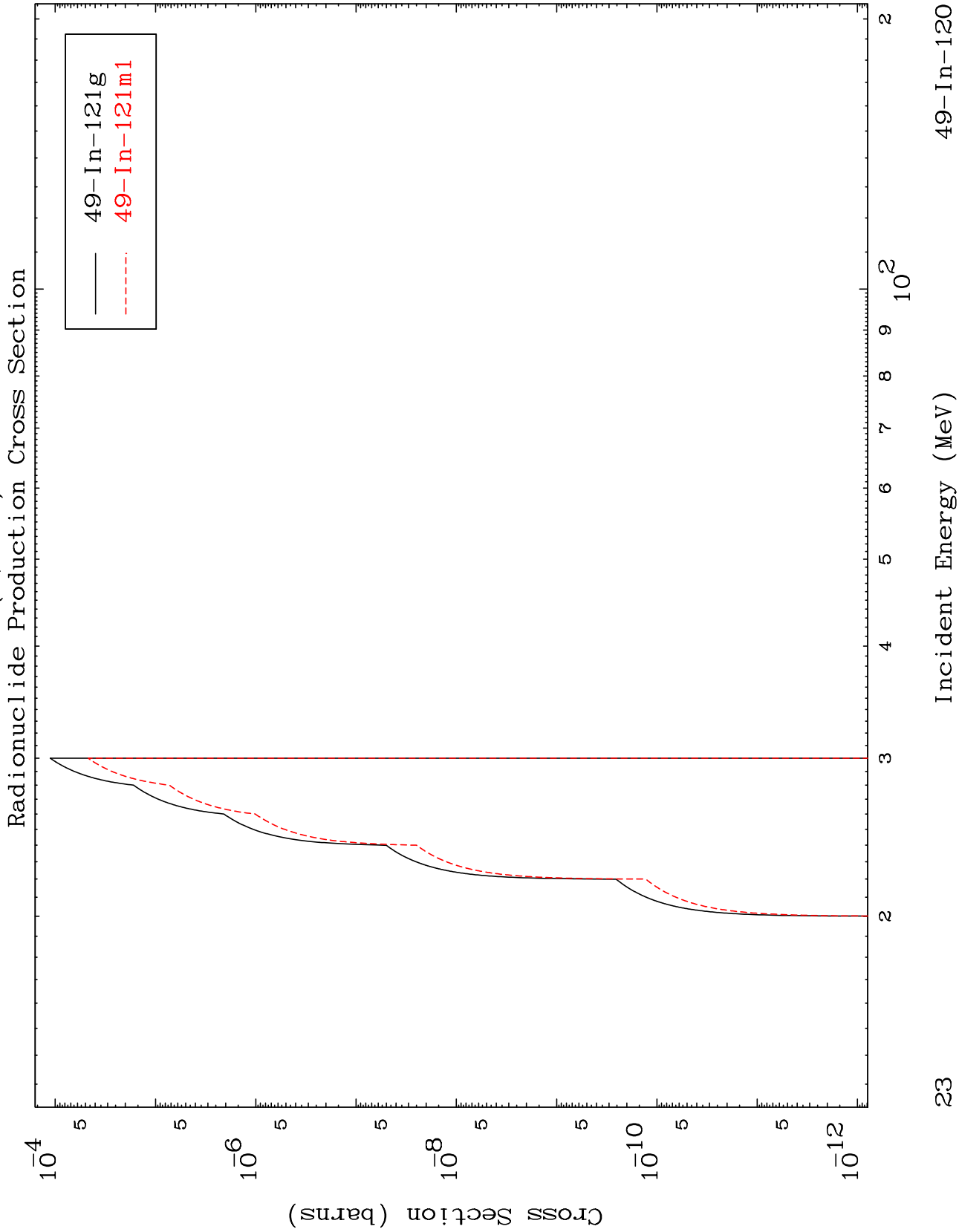
Incident Energy (MeV)

49-In-120

MAT 4947

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

49-In-120



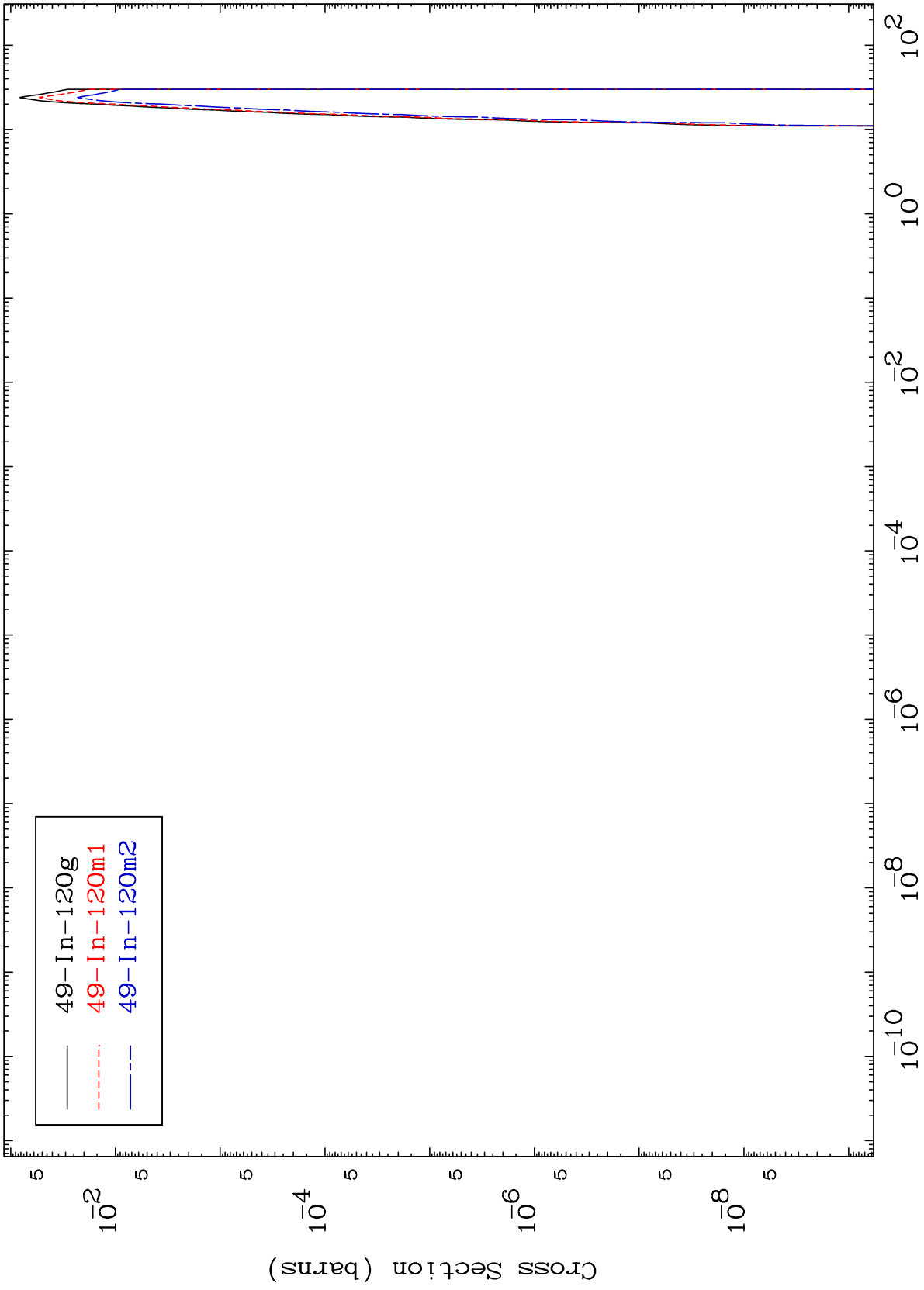
23

49-In-120

MAT 4947

49-In-120

(α, α)
Radionuclide Production Cross Section



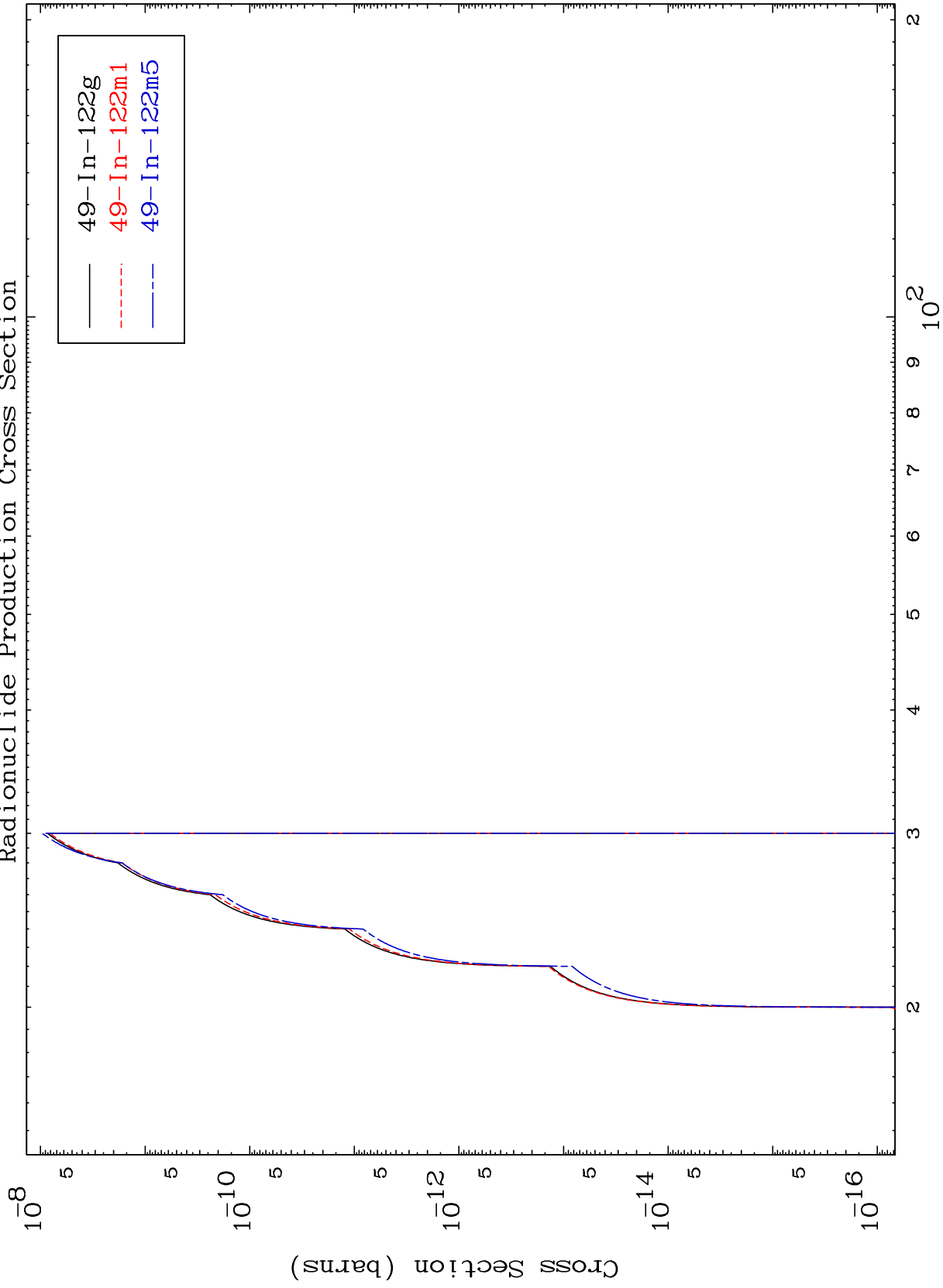
24

49-In-120

MAT 4947

49-In-120

($\alpha, 2p$)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

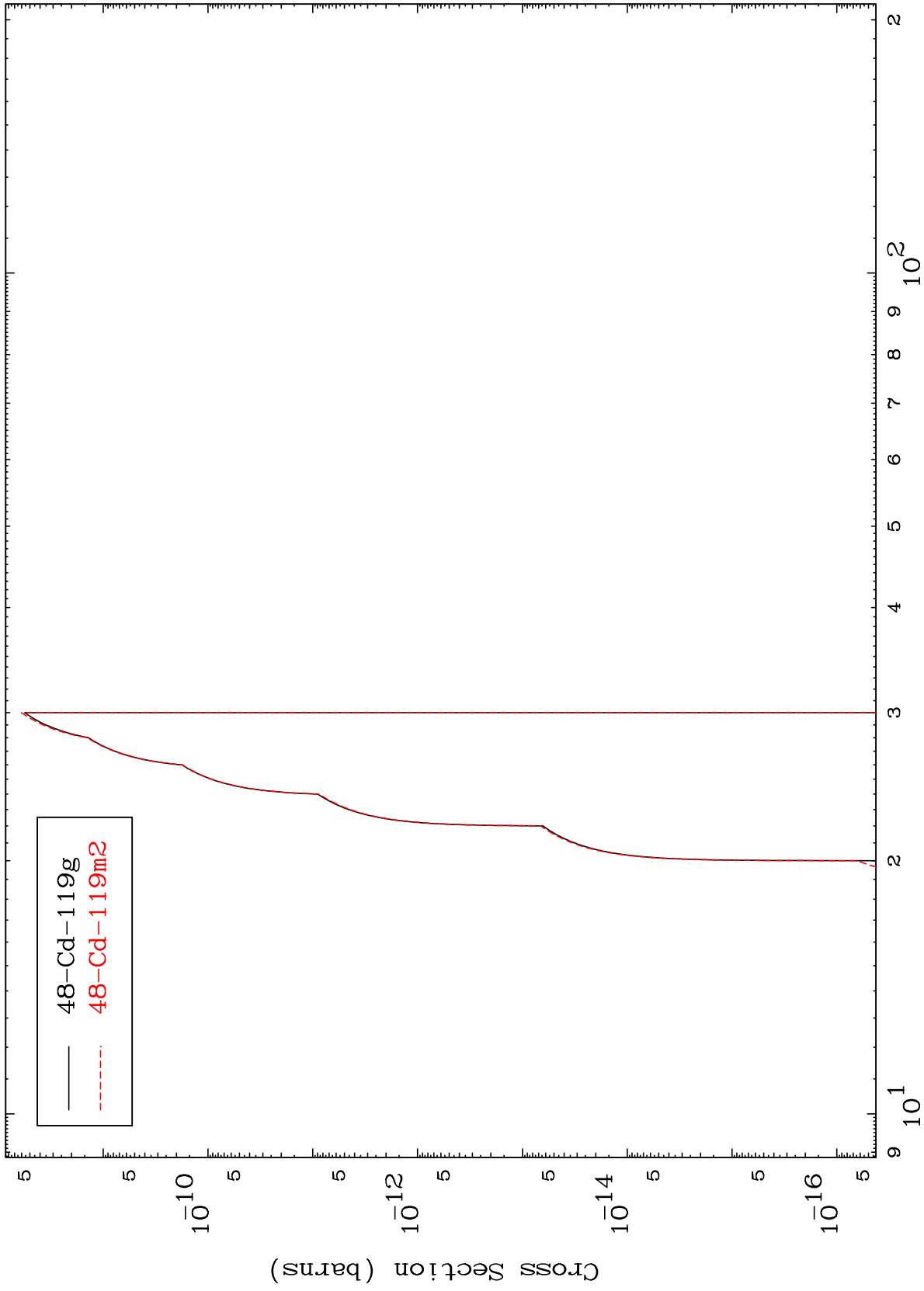
49-In-120

MAT 4947

(α, p) α

49-In-120

Radionuclide Production Cross Section



48-Cd-119g
48-Cd-119m2

26

Incident Energy (MeV)

49-In-120