

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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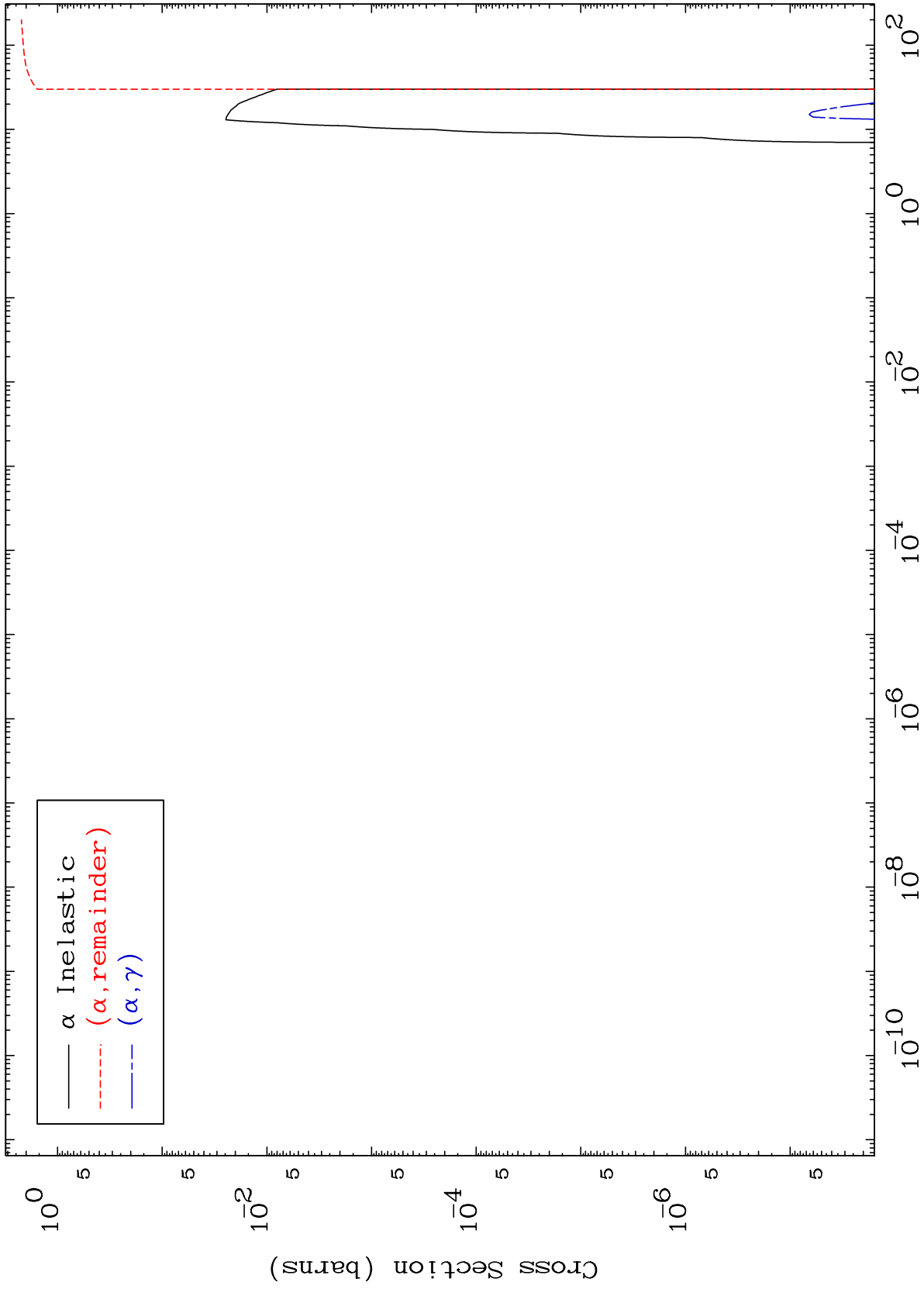
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4764

0 Kelvin α Major
Cross Sections

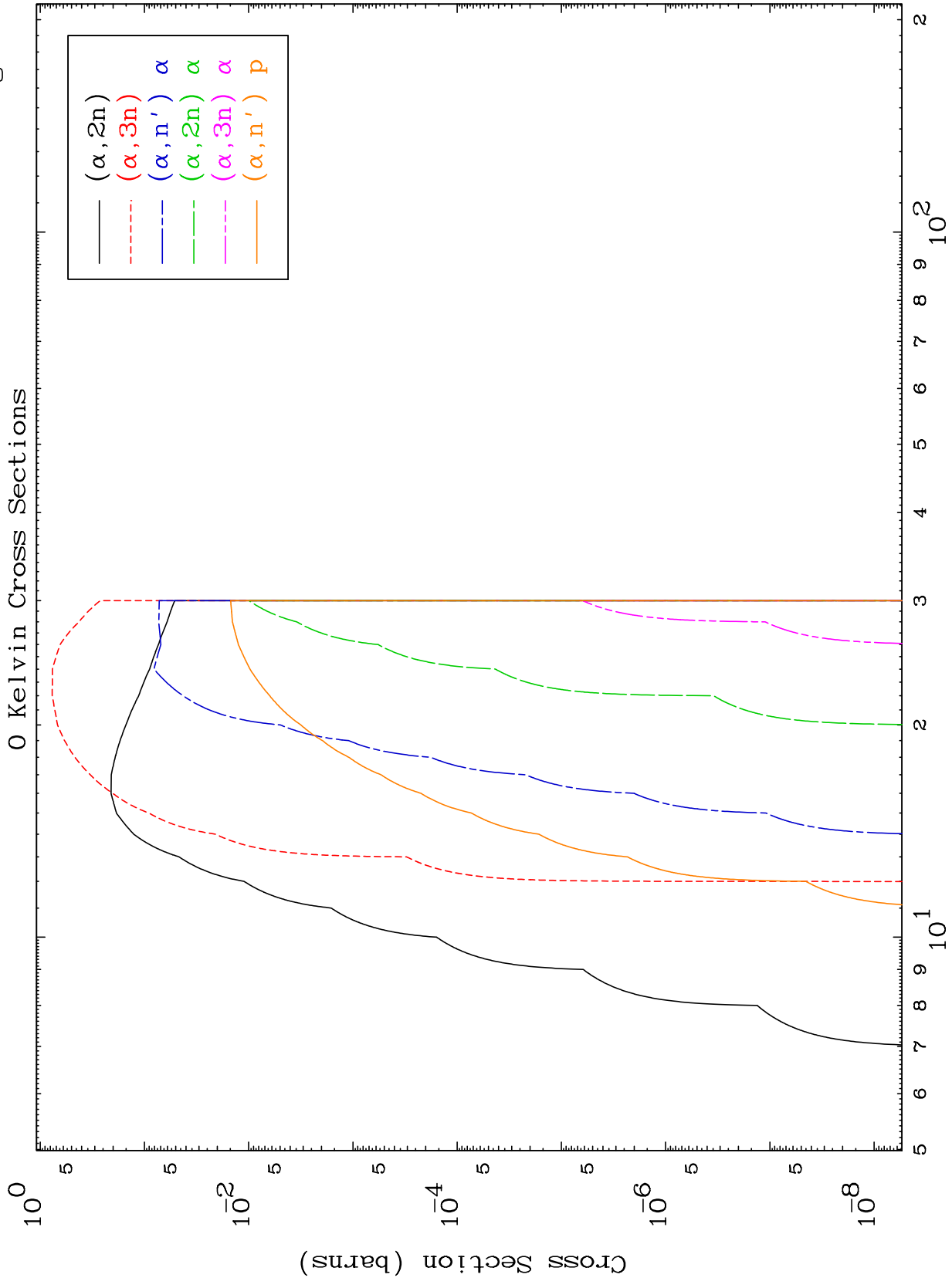
47-Ag-120



MAT 4764

α Neutron Production
0 Kelvin Cross Sections

47-Ag-120



2

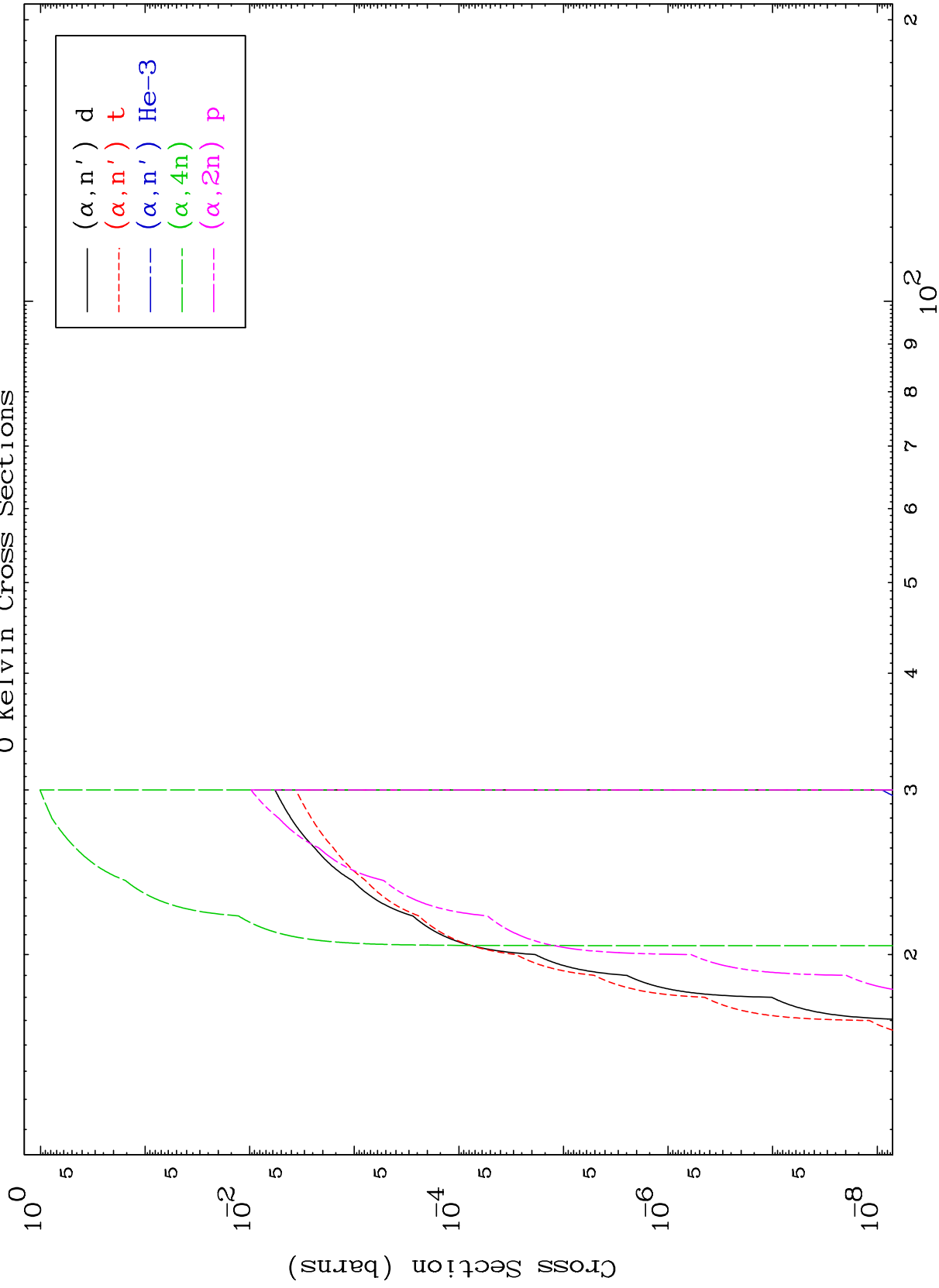
Incident Energy (MeV)

47-Ag-120

MAT 4764

α Neutron Production
0 Kelvin Cross Sections

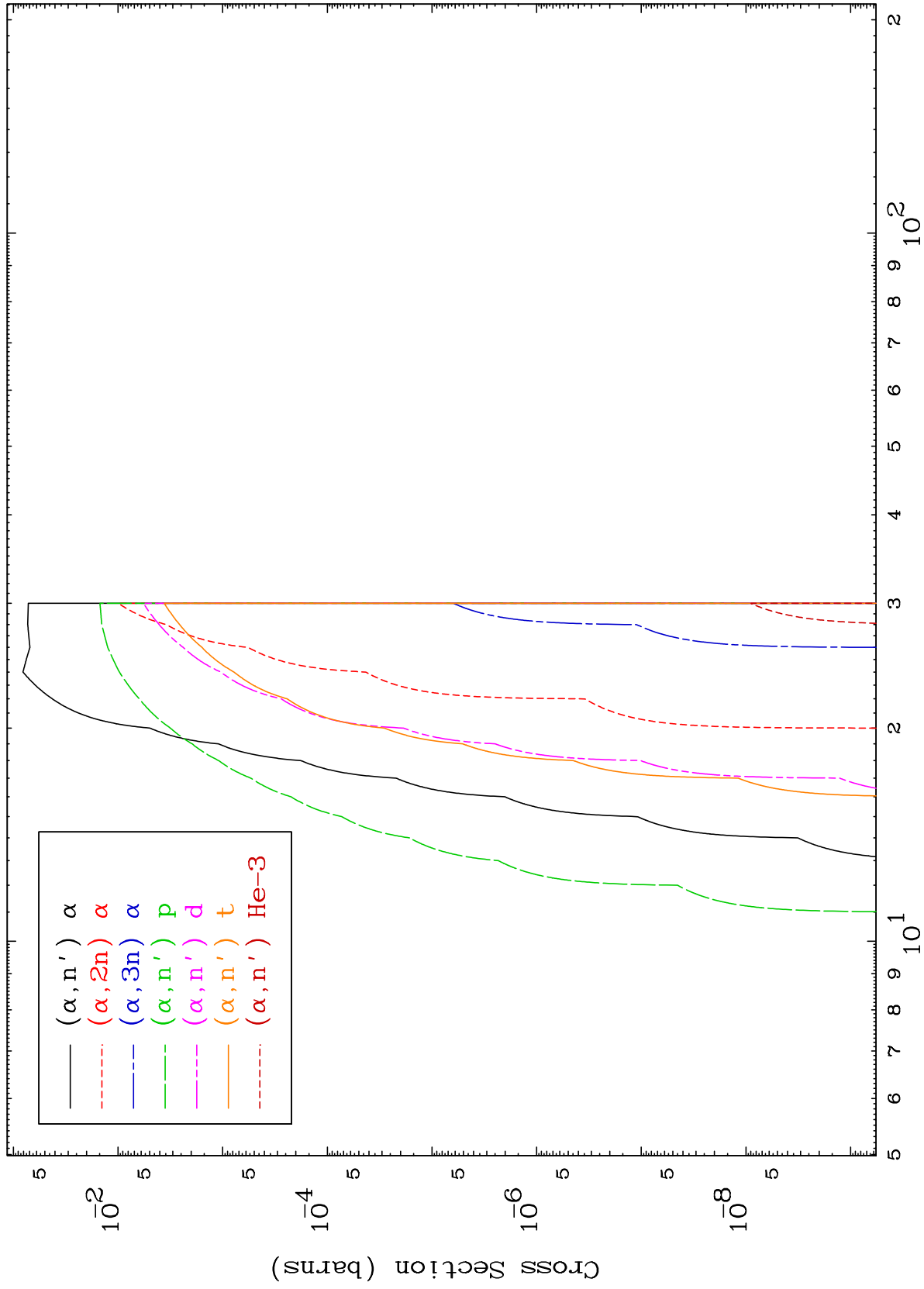
47-Ag-120



3

Incident Energy (MeV)

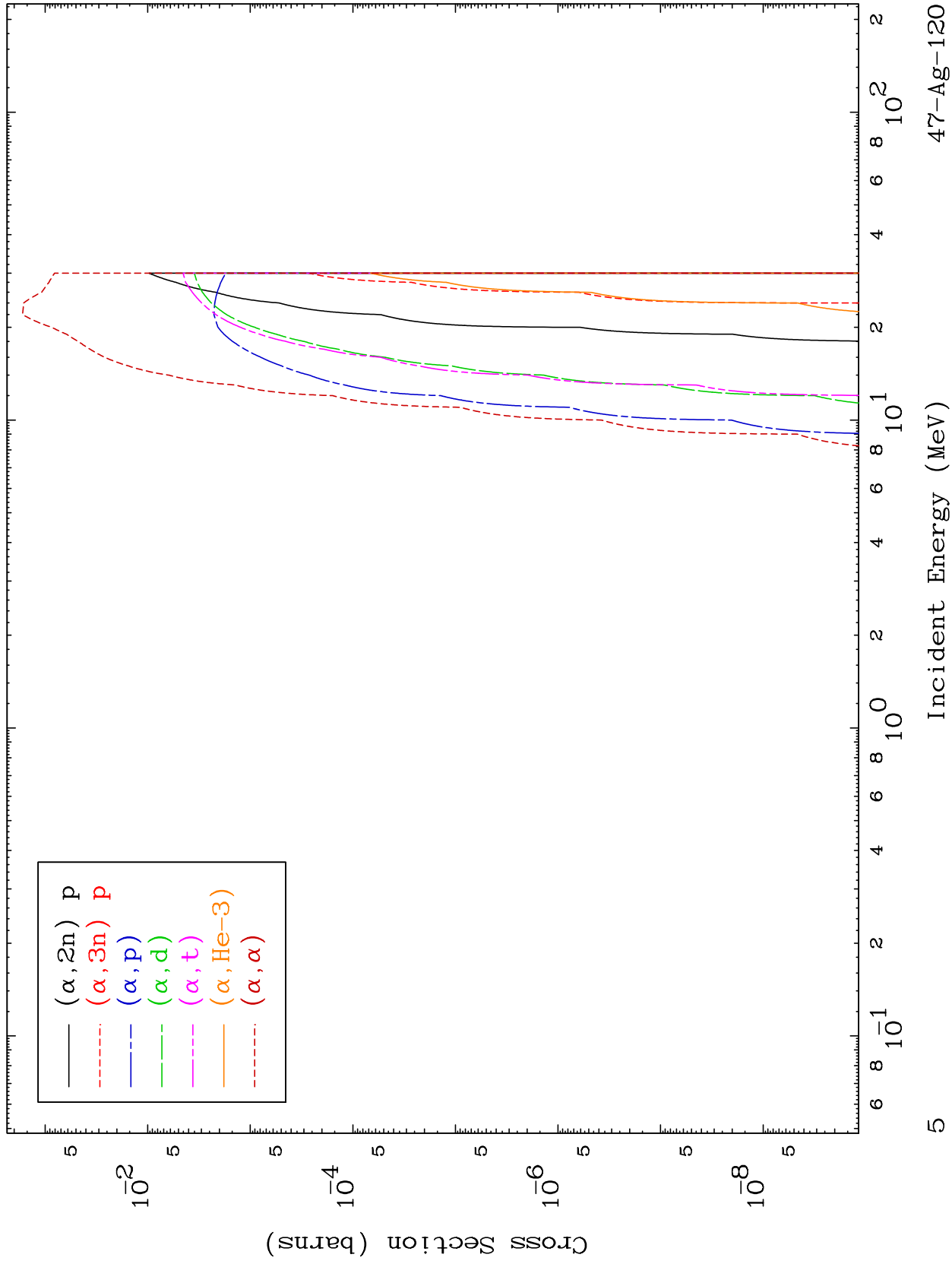
47-Ag-120



MAT 4764

α Charged Particle
0 Kelvin Cross Sections

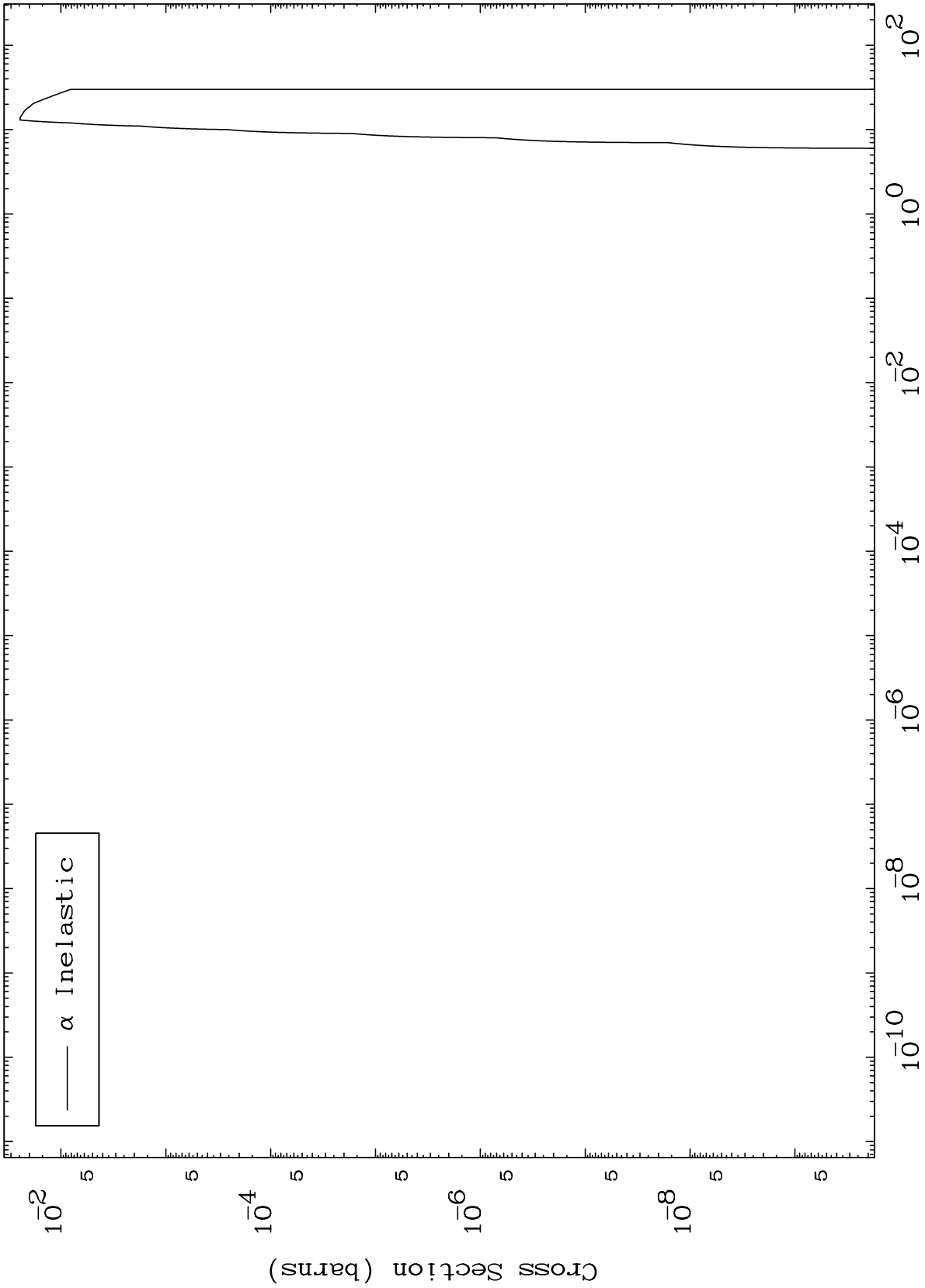
47-Ag-120



MAT 4764

(α, n') Level
0 Kelvin Cross Sections

47-Ag-120



6

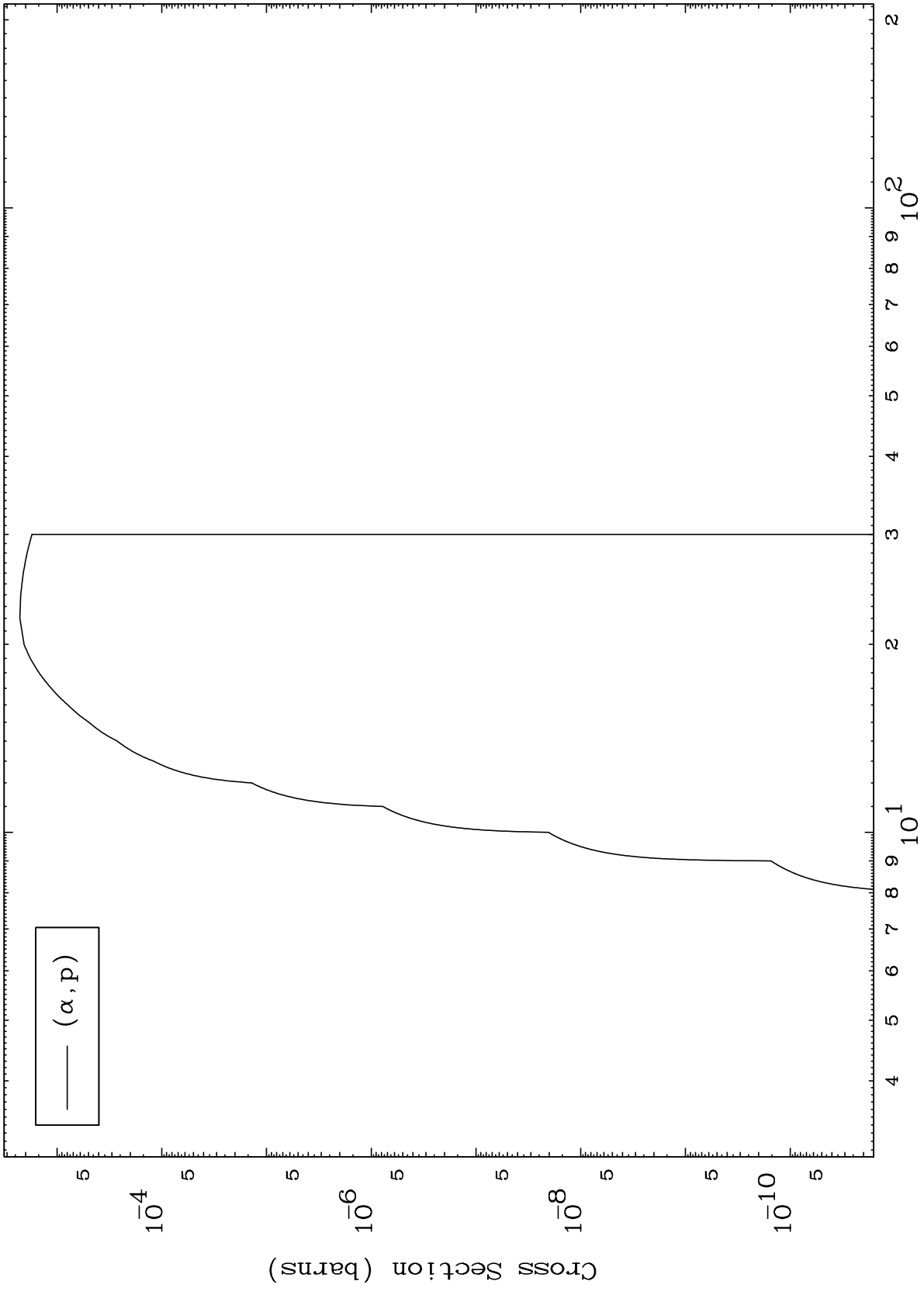
Incident Energy (MeV)

47-Ag-120

MAT 4764

(α, p) Levels
0 Kelvin Cross Sections

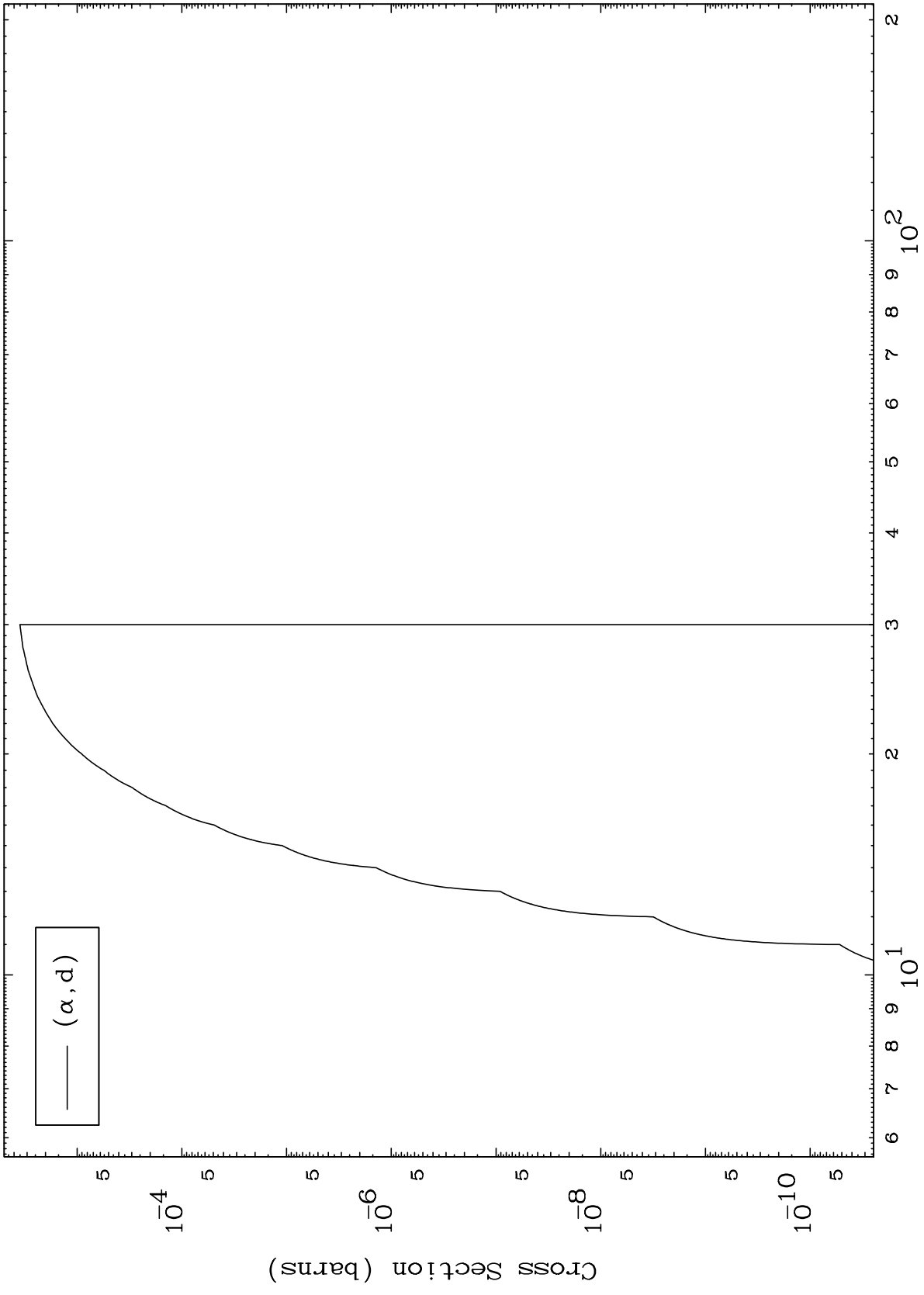
47-Ag-120



MAT 4764

(α, d) Levels
0 Kelvin Cross Sections

47-Ag-120



8

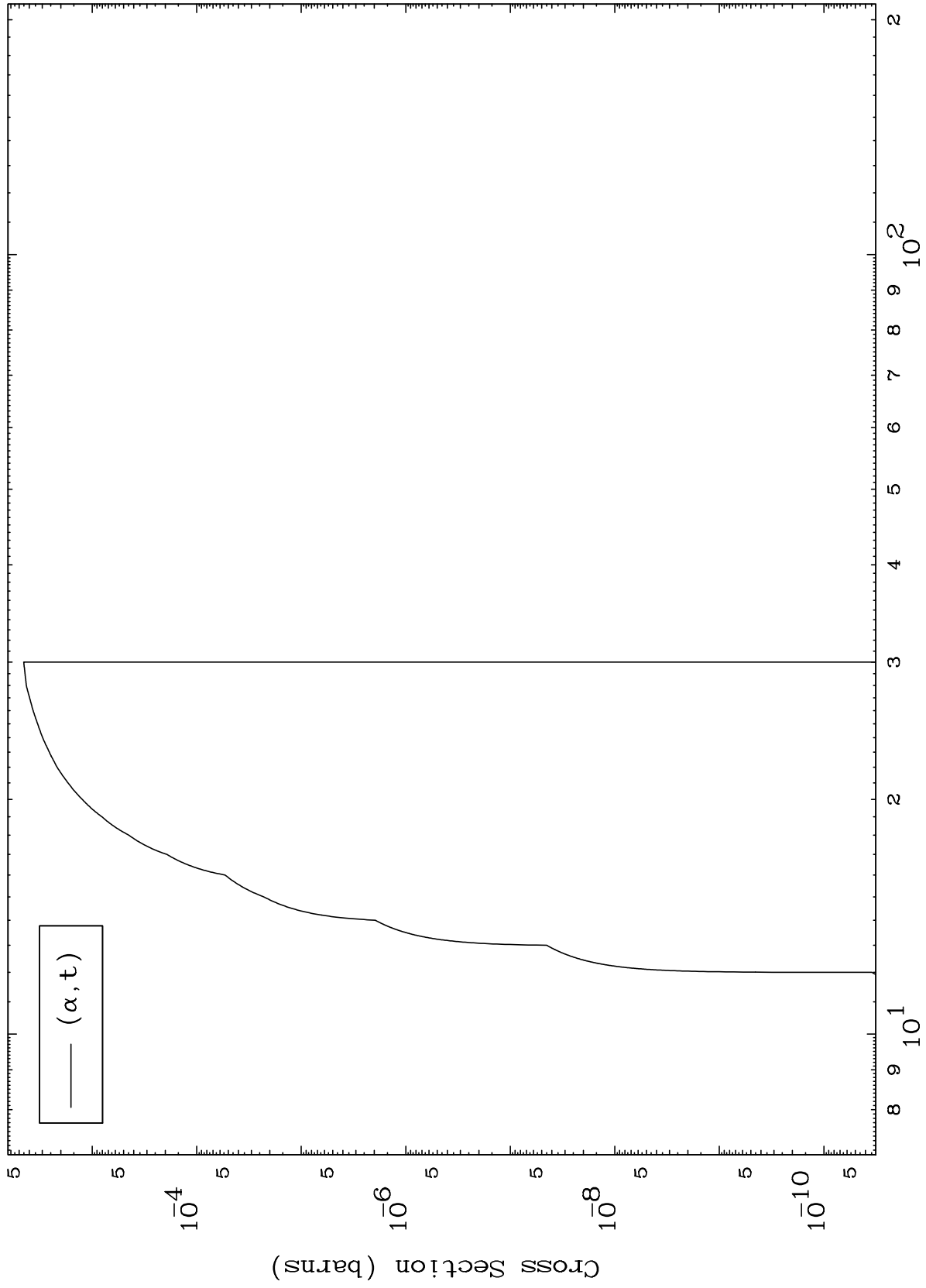
Incident Energy (MeV)

47-Ag-120

MAT 4764

(α, t) Levels
0 Kelvin Cross Sections

47-Ag-120



9

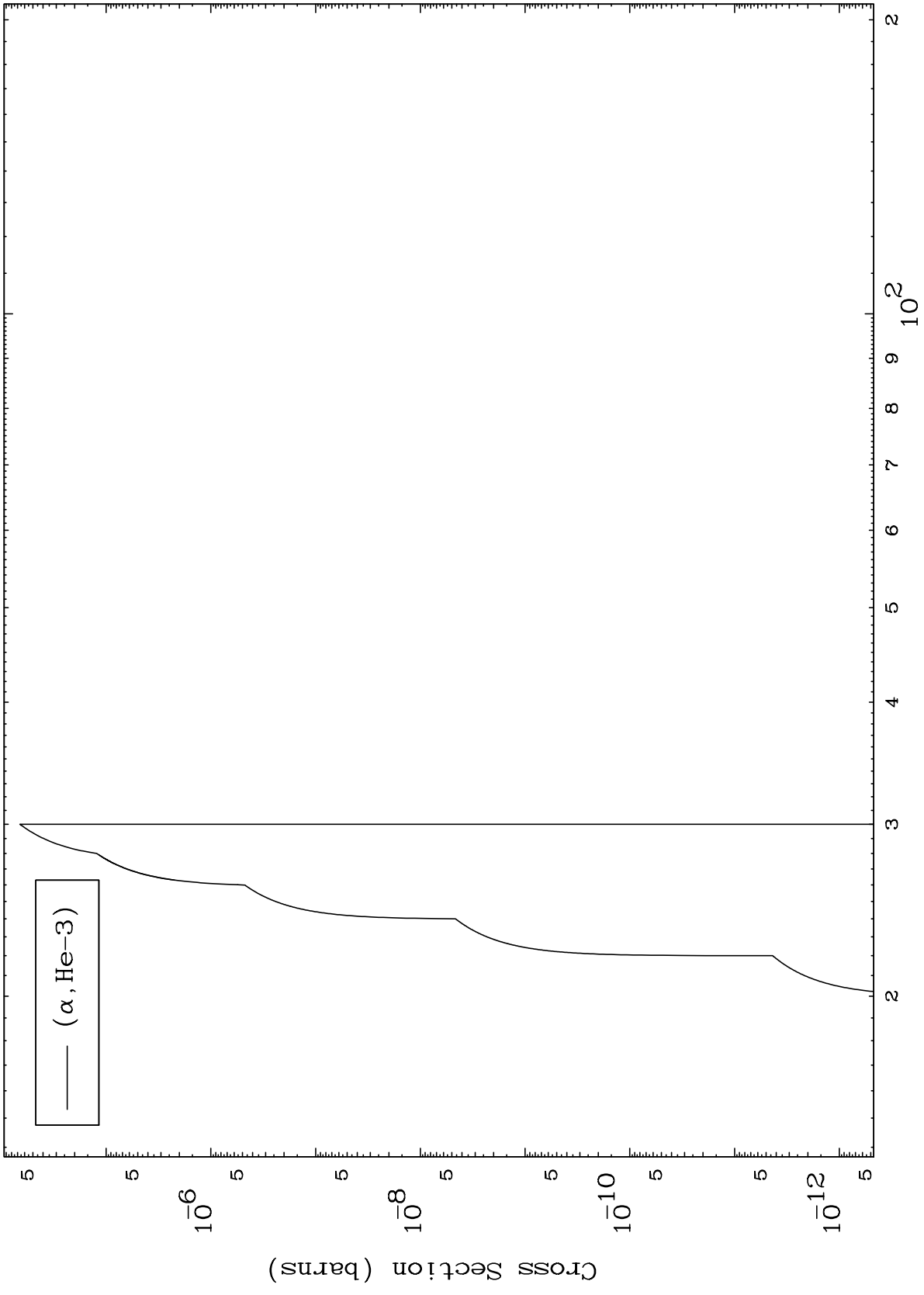
Incident Energy (MeV)

47-Ag-120

MAT 4764

(α ,He3) Levels
0 Kelvin Cross Sections

47-Ag-120



10

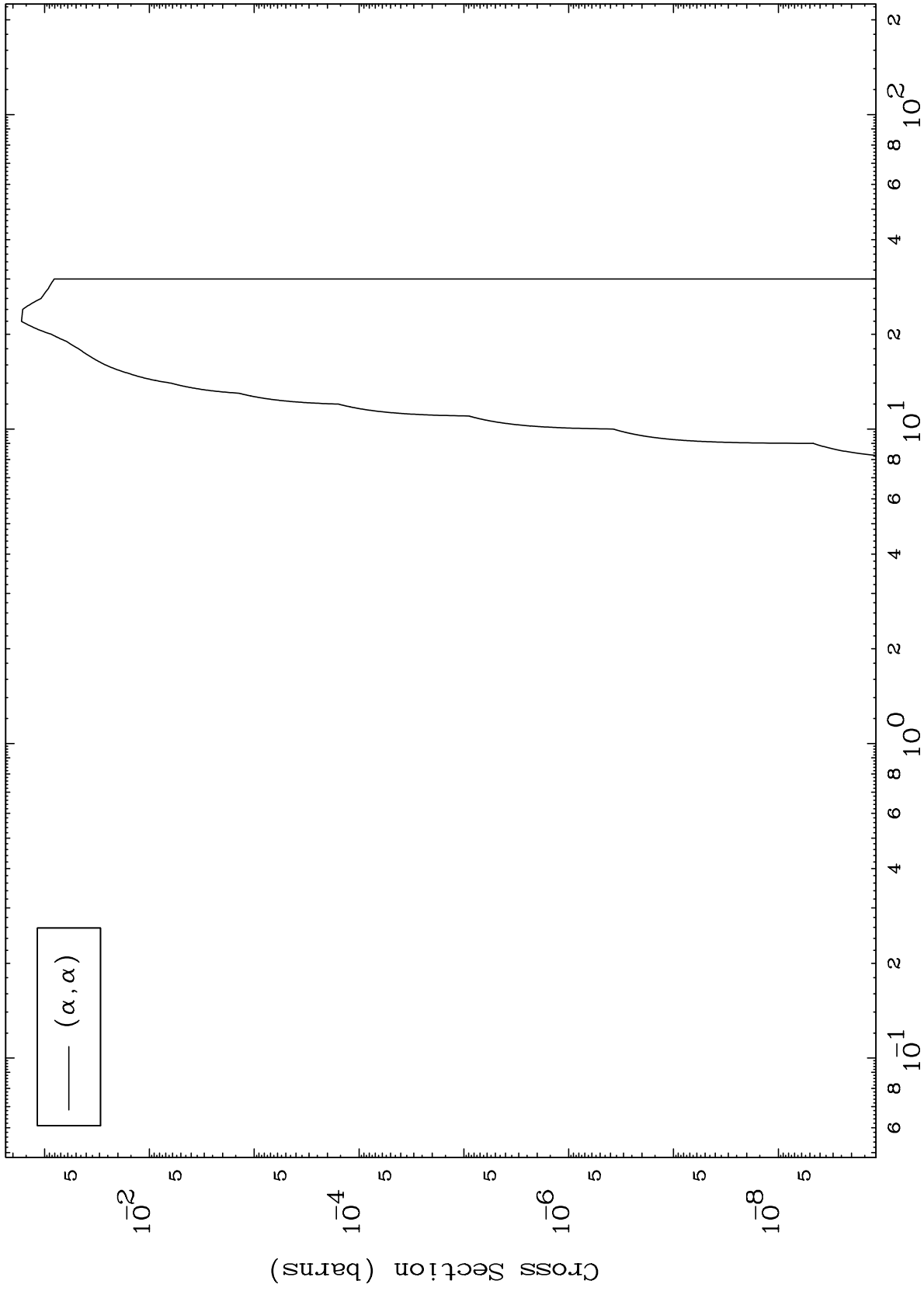
Incident Energy (MeV)

47-Ag-120

MAT 4764

(α, α) Levels
0 Kelvin Cross Sections

47-Ag-120



11

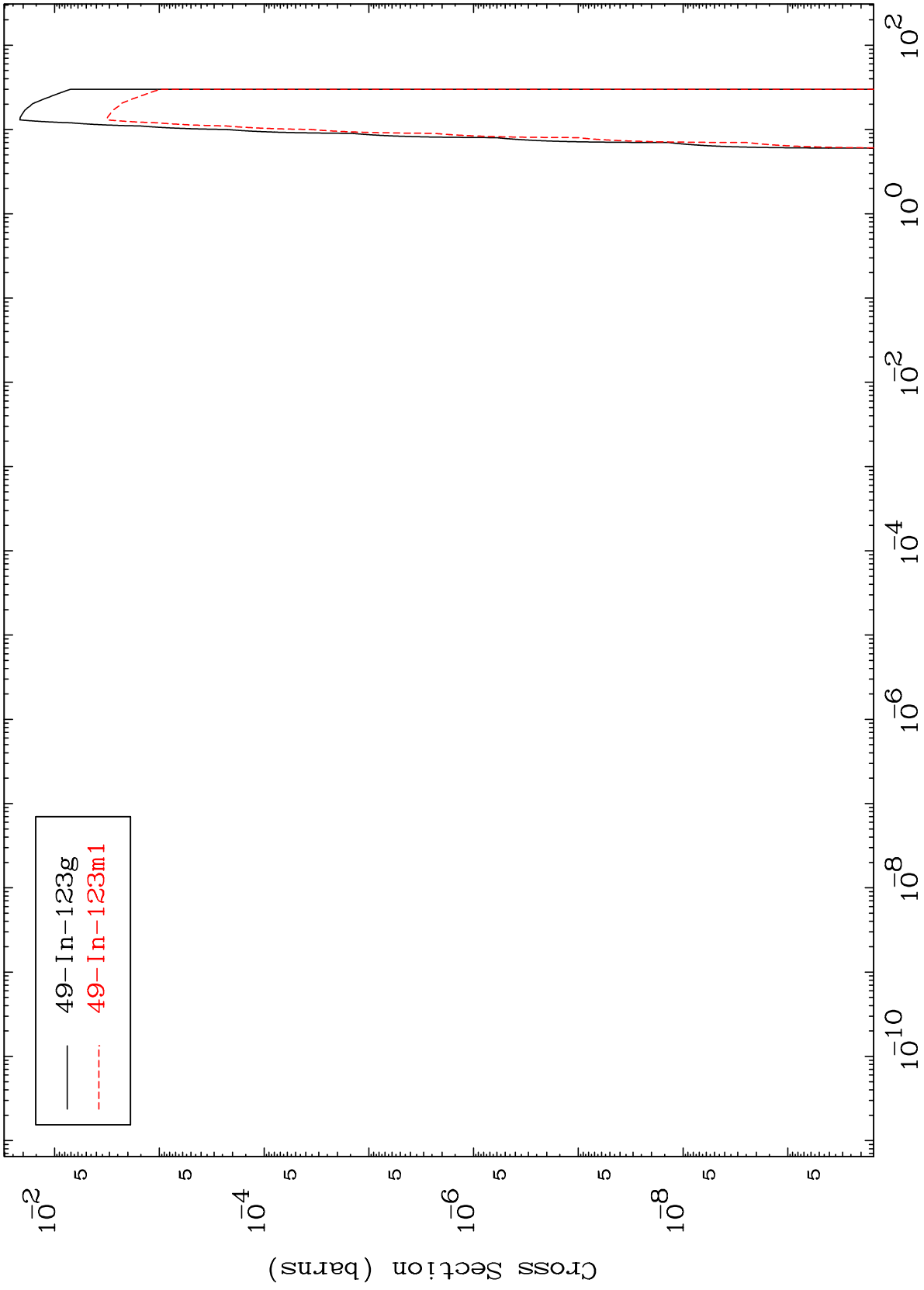
Incident Energy (MeV)

47-Ag-120

MAT 4764

Radionuclide Production Cross Section

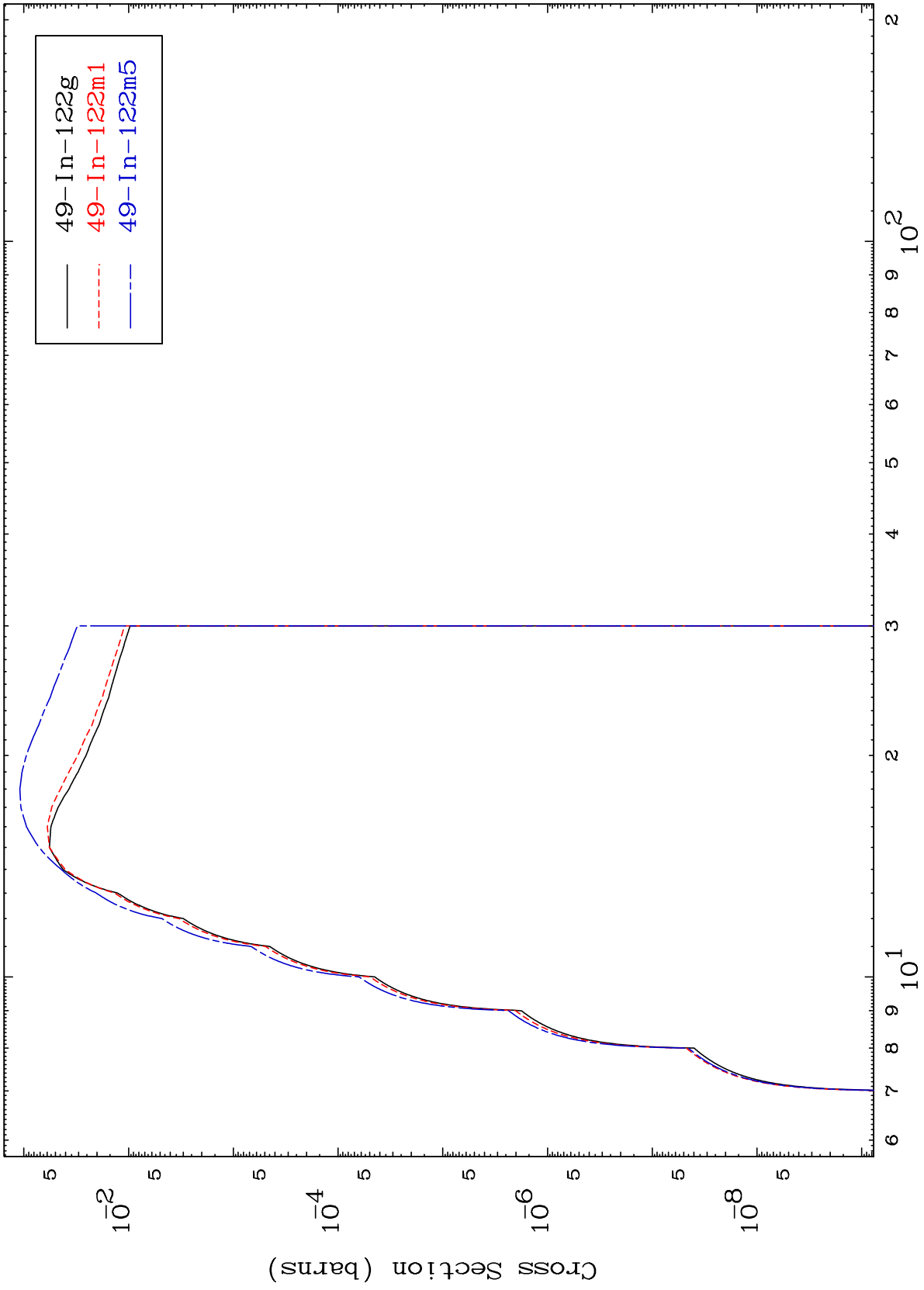
47-Ag-120



MAT 4764

47-Ag-120

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



13

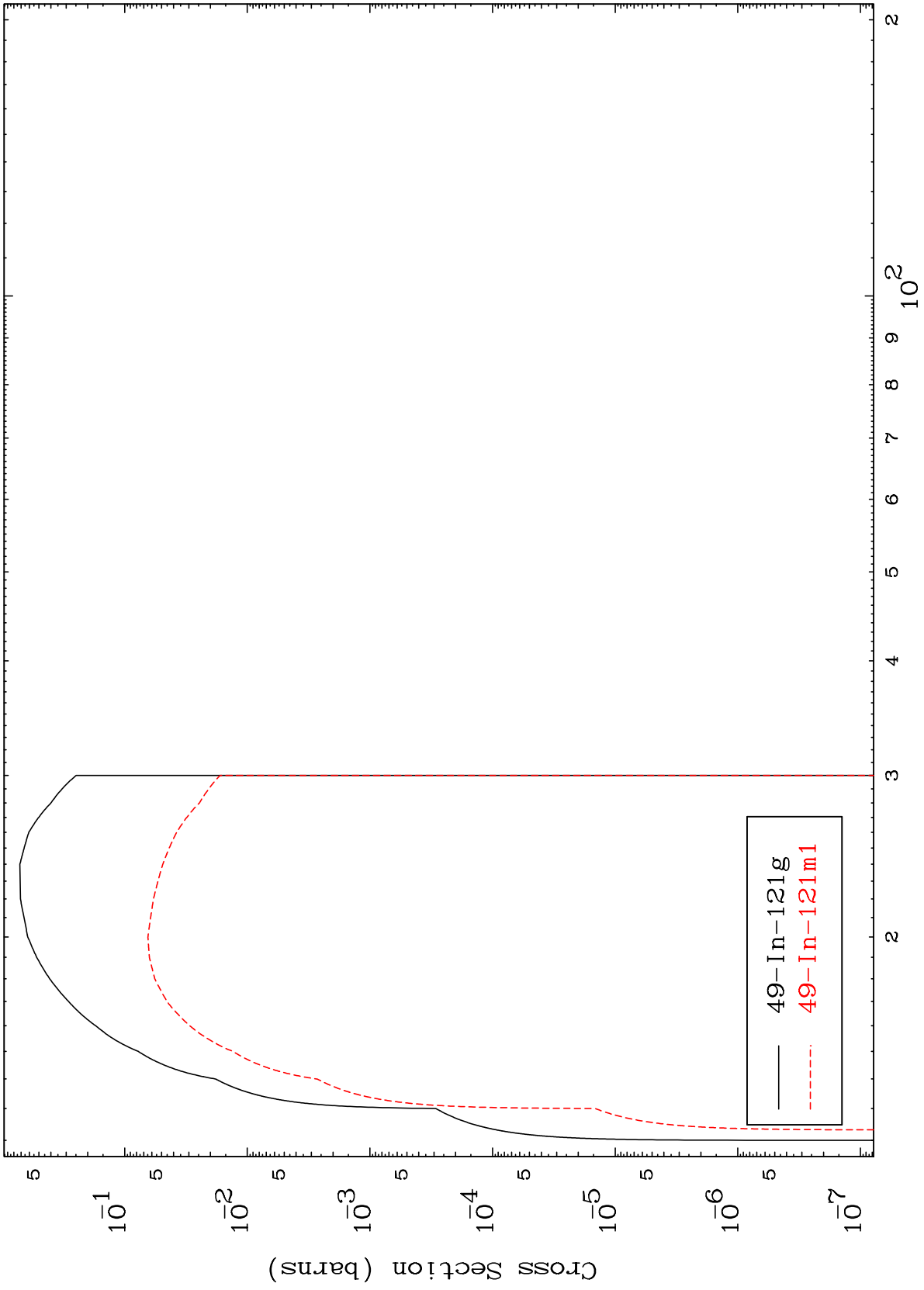
Incident Energy (MeV)

47-Ag-120

MAT 4764

47-Ag-120

Radionuclide Production Cross Section
($\alpha, 3n$)



14

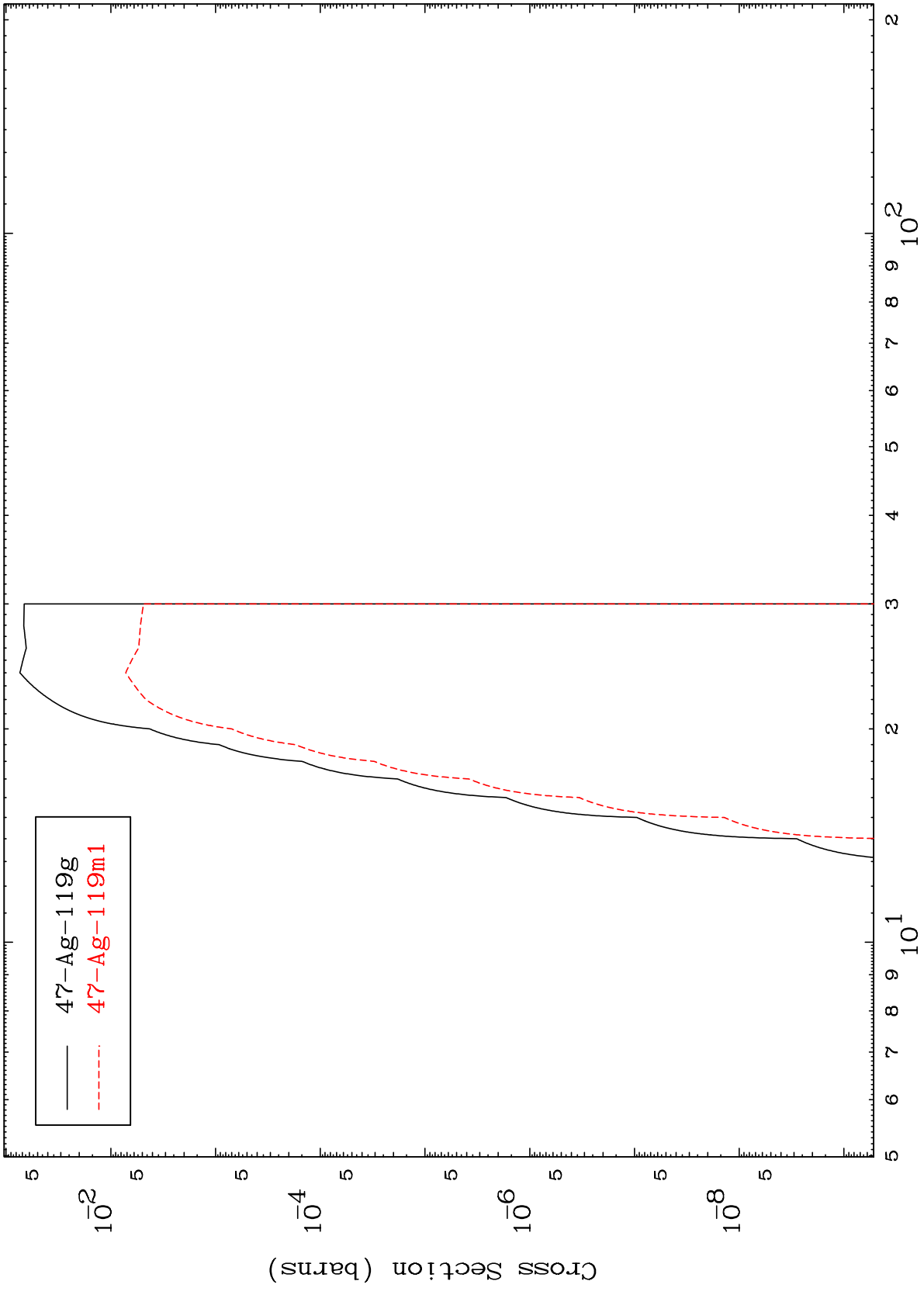
Incident Energy (MeV)

47-Ag-120

MAT 4764

47-Ag-120

(α, n') α
Radionuclide Production Cross Section



— 47-Ag-119g
- - - 47-Ag-119m1

15

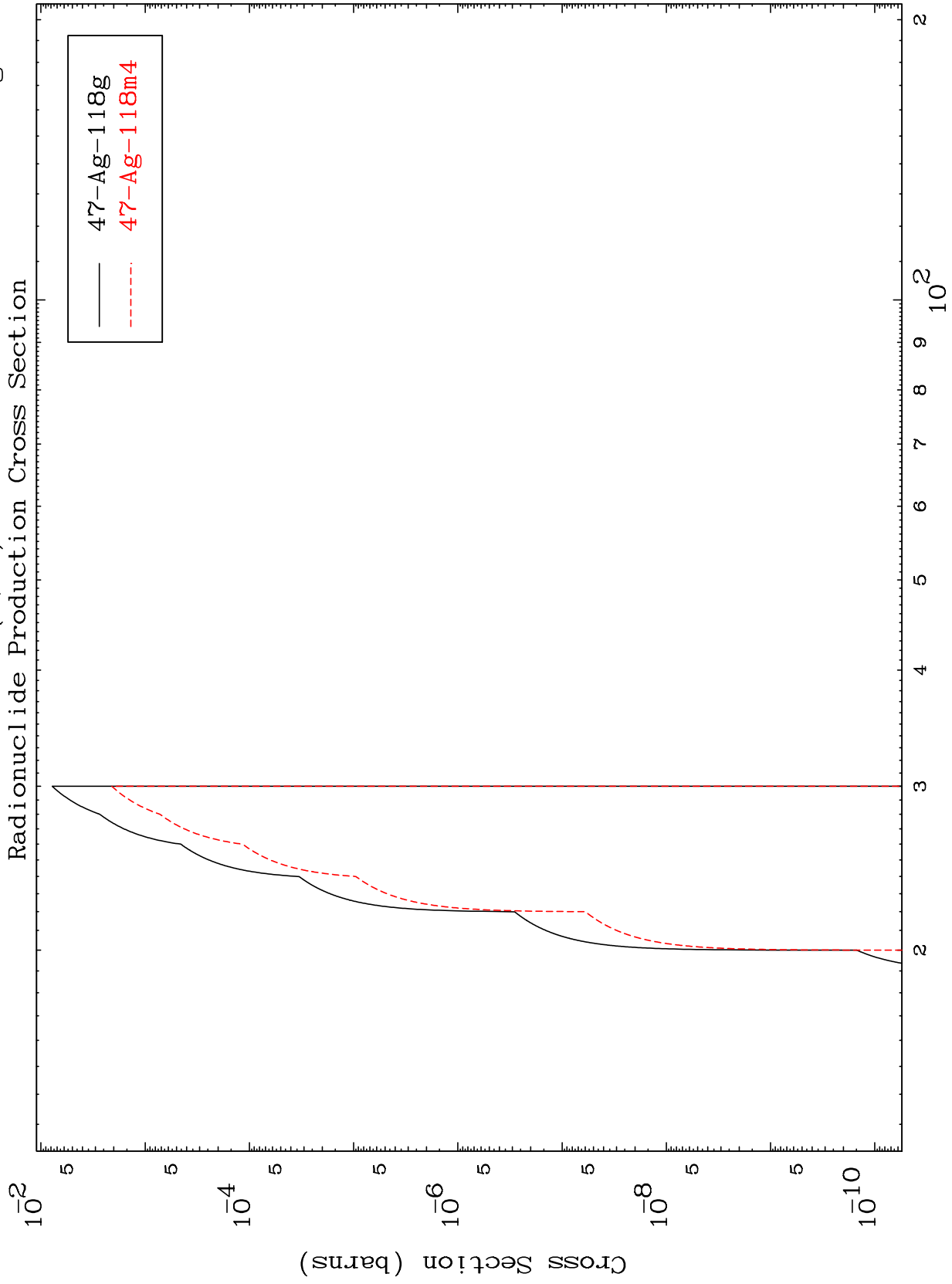
Incident Energy (MeV)

47-Ag-120

MAT 4764

$(\alpha, 2n) \alpha$

47-Ag-120



16

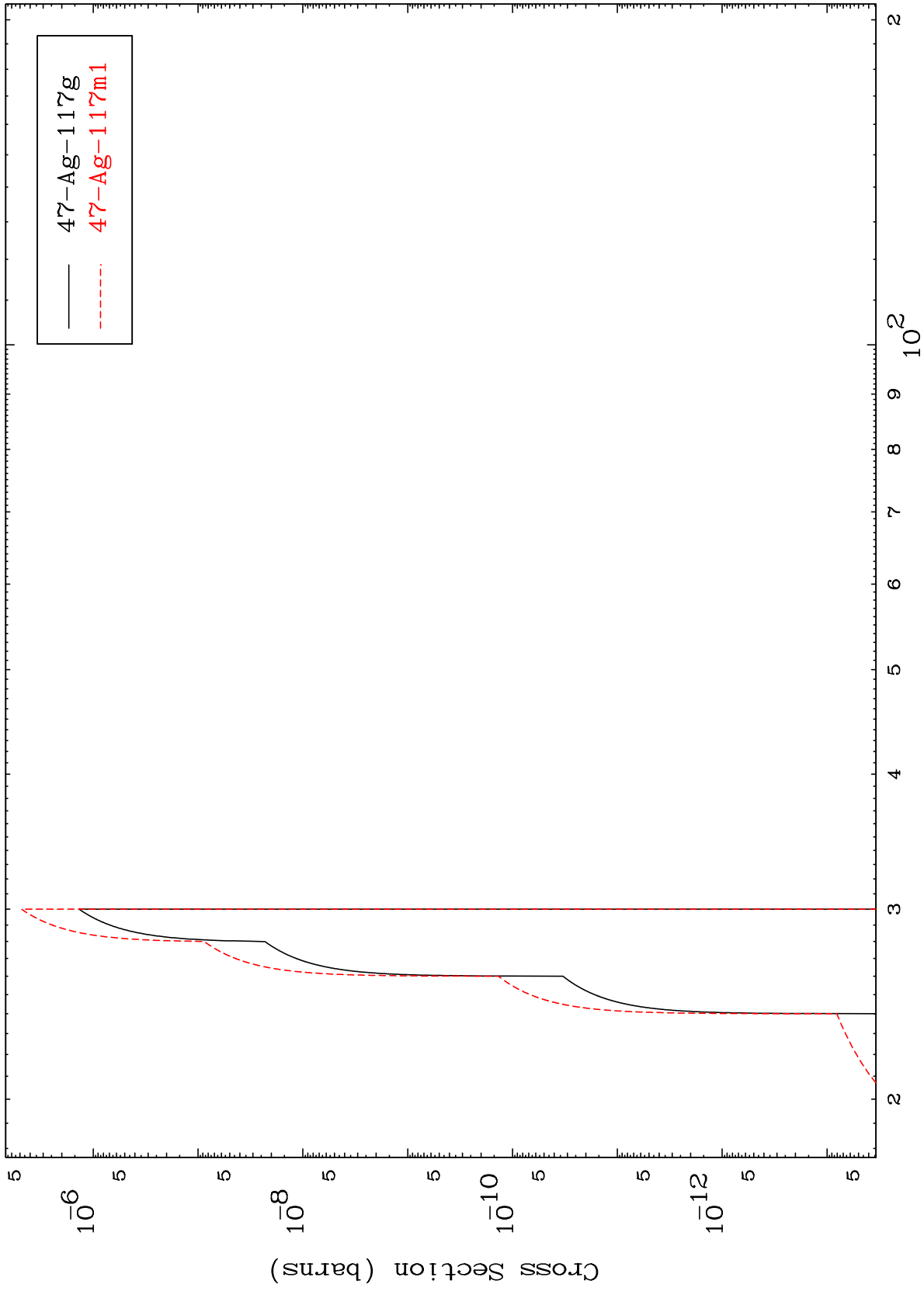
47-Ag-120

MAT 4764

($\alpha, 3n$) α

47-Ag-120

Radionuclide Production Cross Section



17

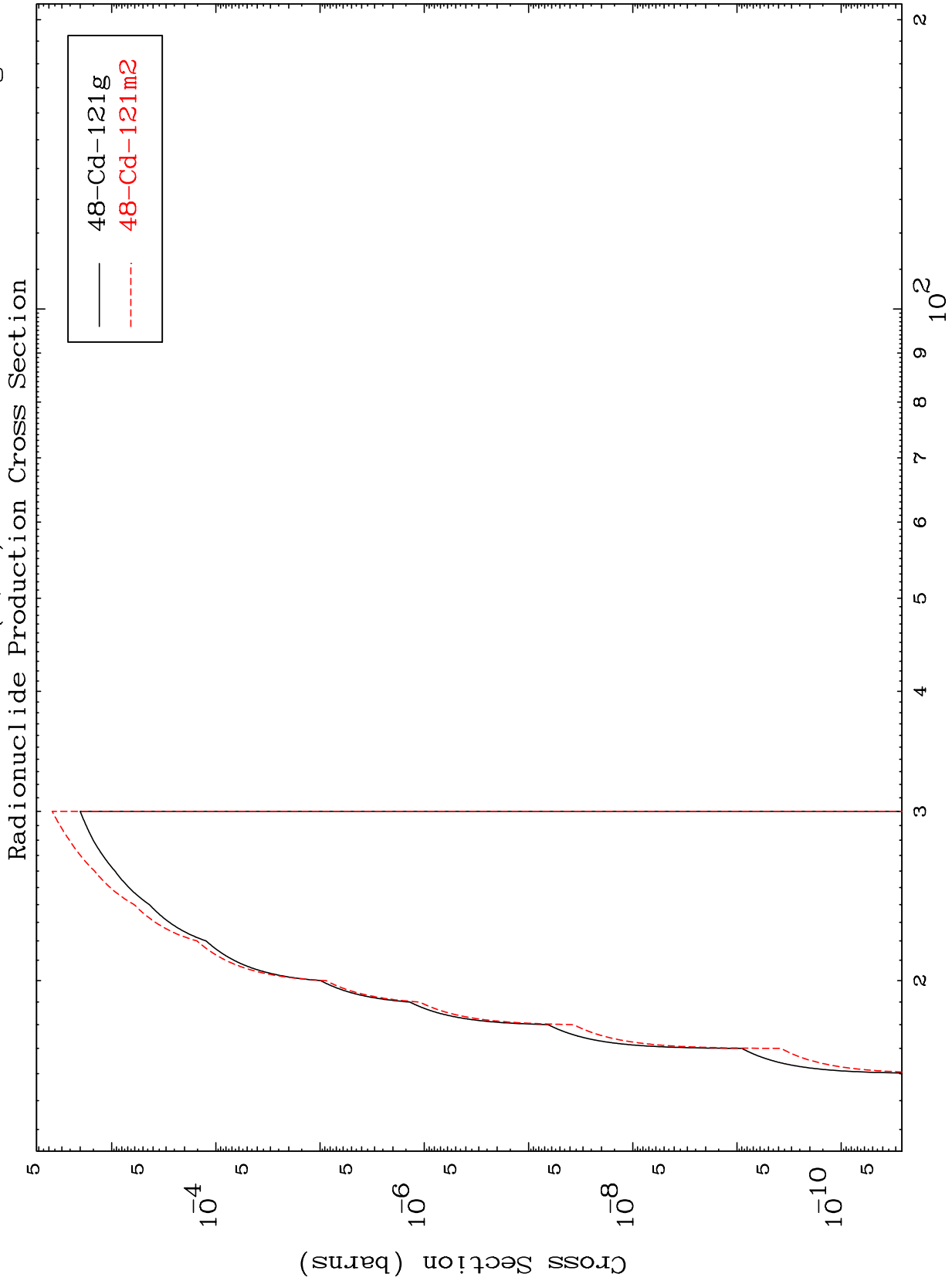
Incident Energy (MeV)

47-Ag-120

MAT 4764

(α, n') d

47-Ag-120



18

Incident Energy (MeV)

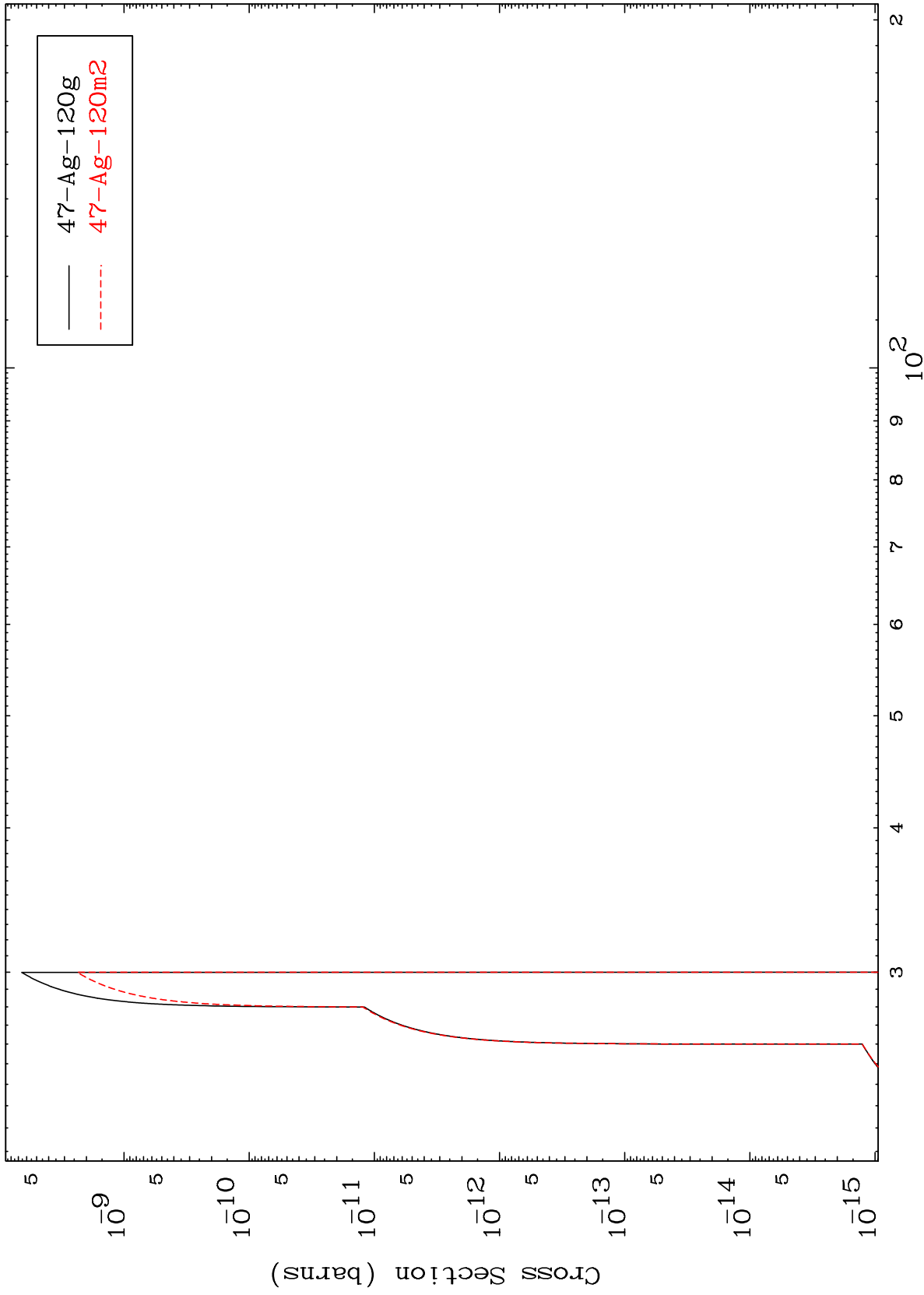
47-Ag-120

MAT 4764

(α, n') He-3

47-Ag-120

Radionuclide Production Cross Section



19

Incident Energy (MeV)

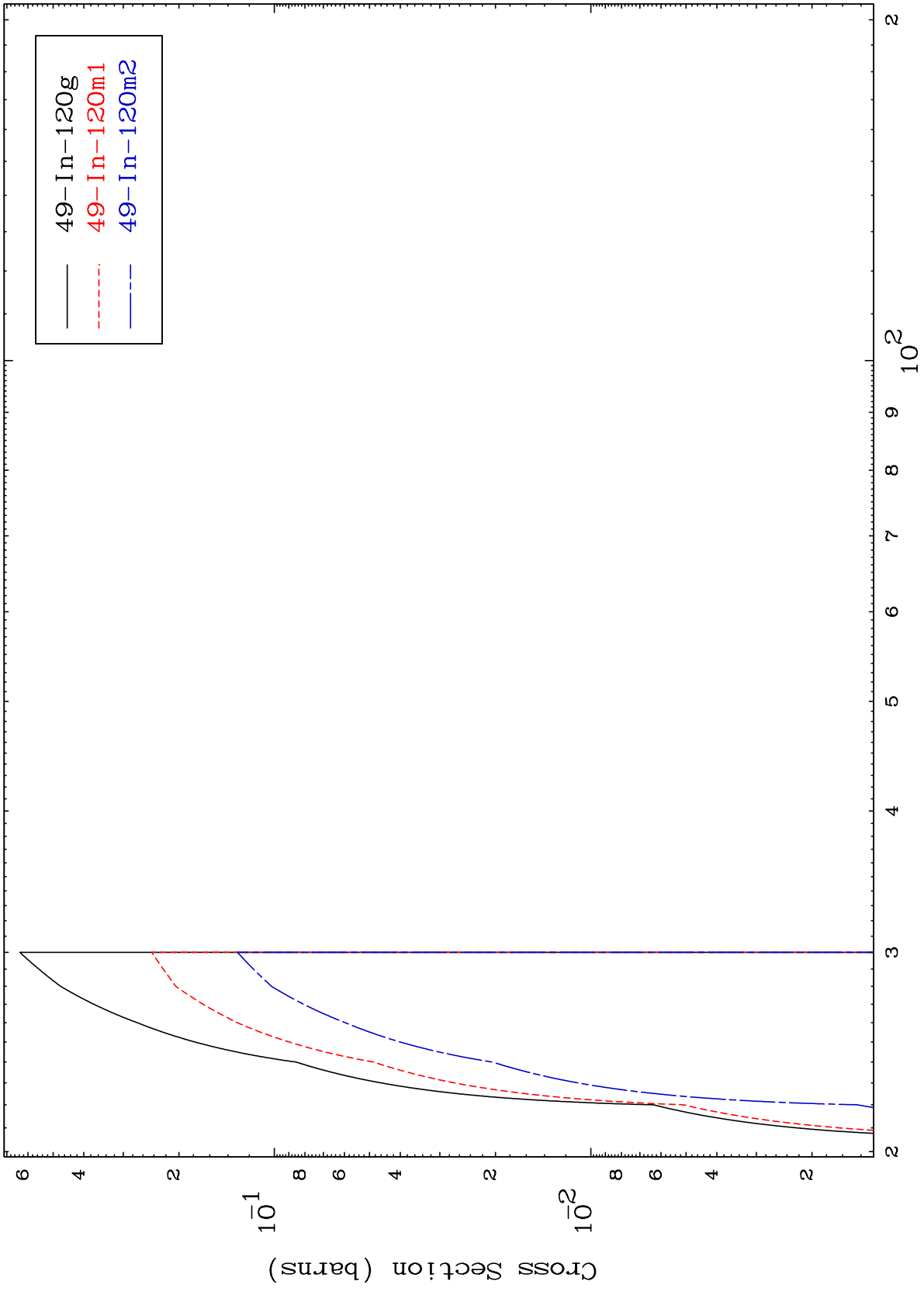
47-Ag-120

MAT 4764

($\alpha, 4n$)

47-Ag-120

Radionuclide Production Cross Section



20

Incident Energy (MeV)

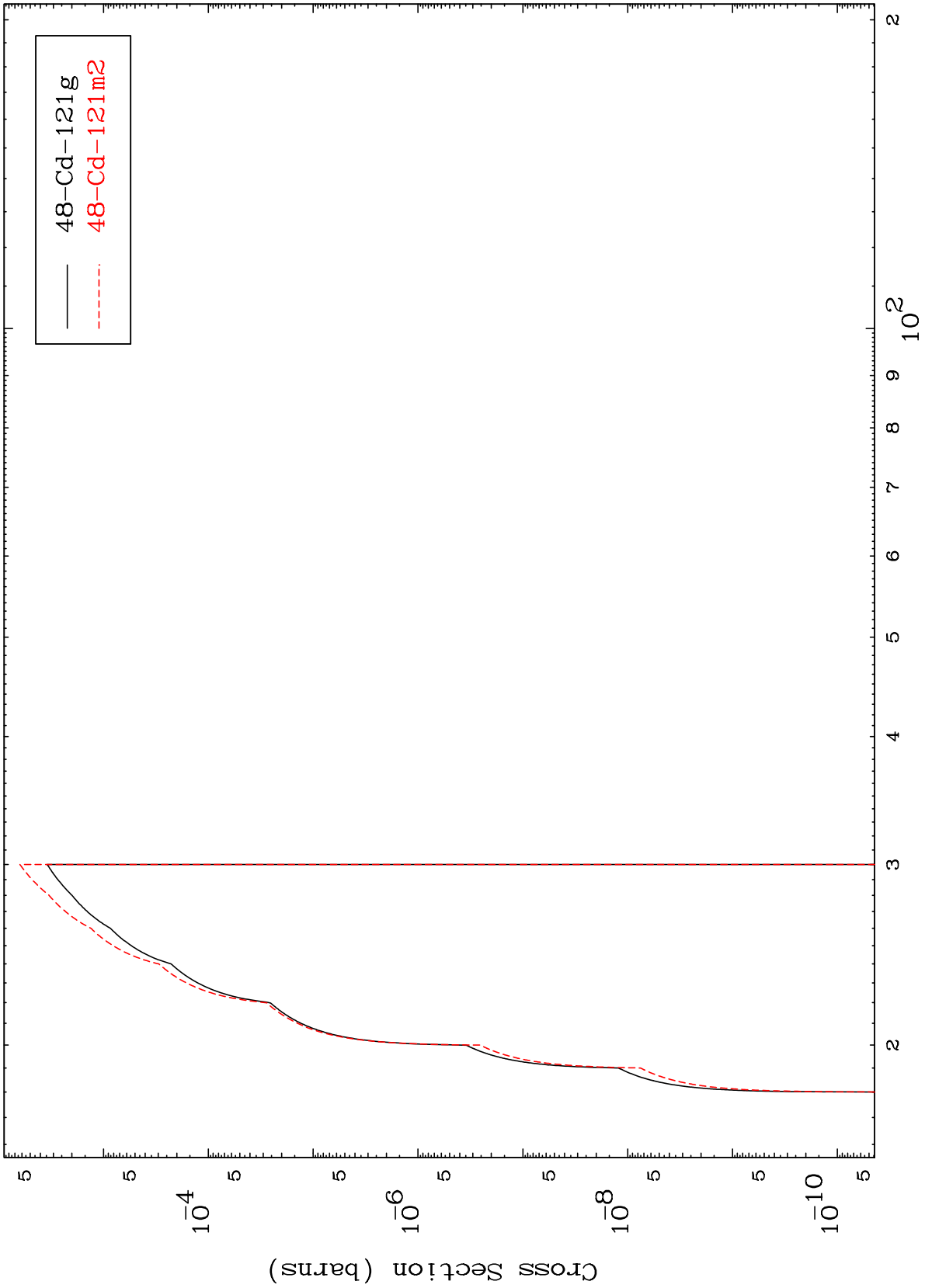
47-Ag-120

MAT 4764

($\alpha, 2n$) p

47-Ag-120

Radionuclide Production Cross Section



21

Incident Energy (MeV)

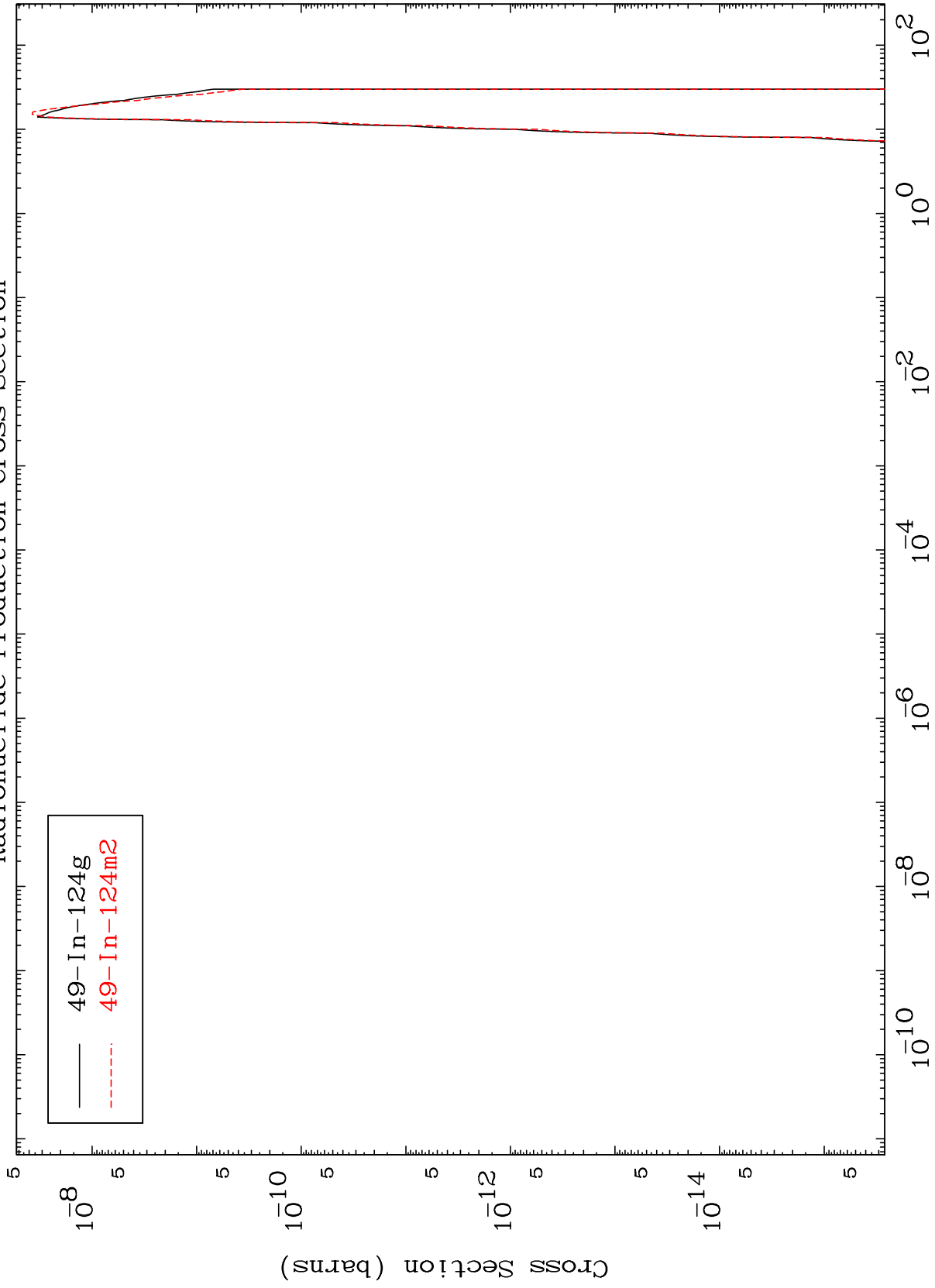
47-Ag-120

MAT 4764

(α, γ)

47-Ag-120

Radionuclide Production Cross Section



22

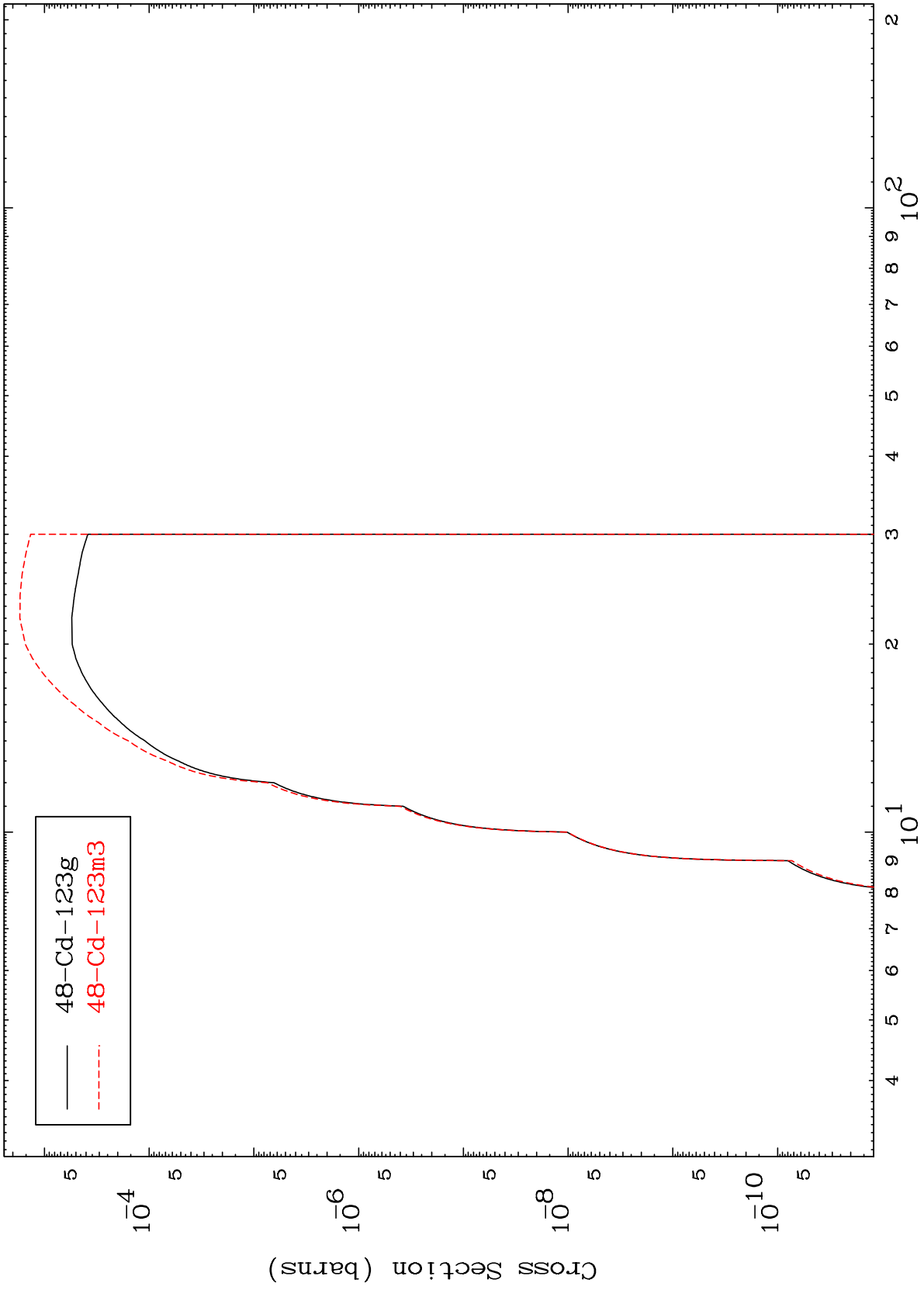
Incident Energy (MeV)

47-Ag-120

MAT 4764

47-Ag-120

(α, p)
Radionuclide Production Cross Section



23

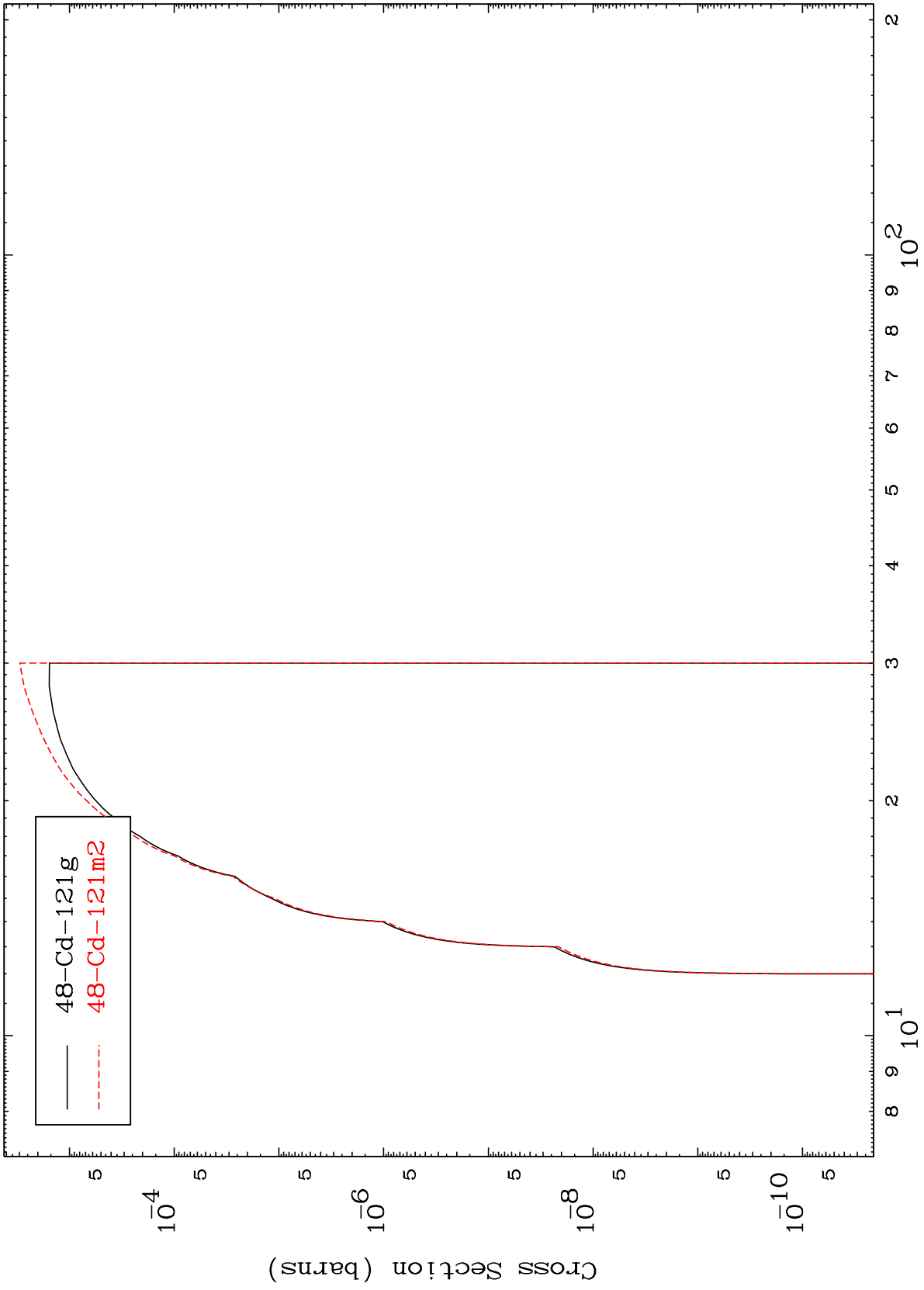
Incident Energy (MeV)

47-Ag-120

MAT 4764

47-Ag-120

(α, t)
Radionuclide Production Cross Section



24

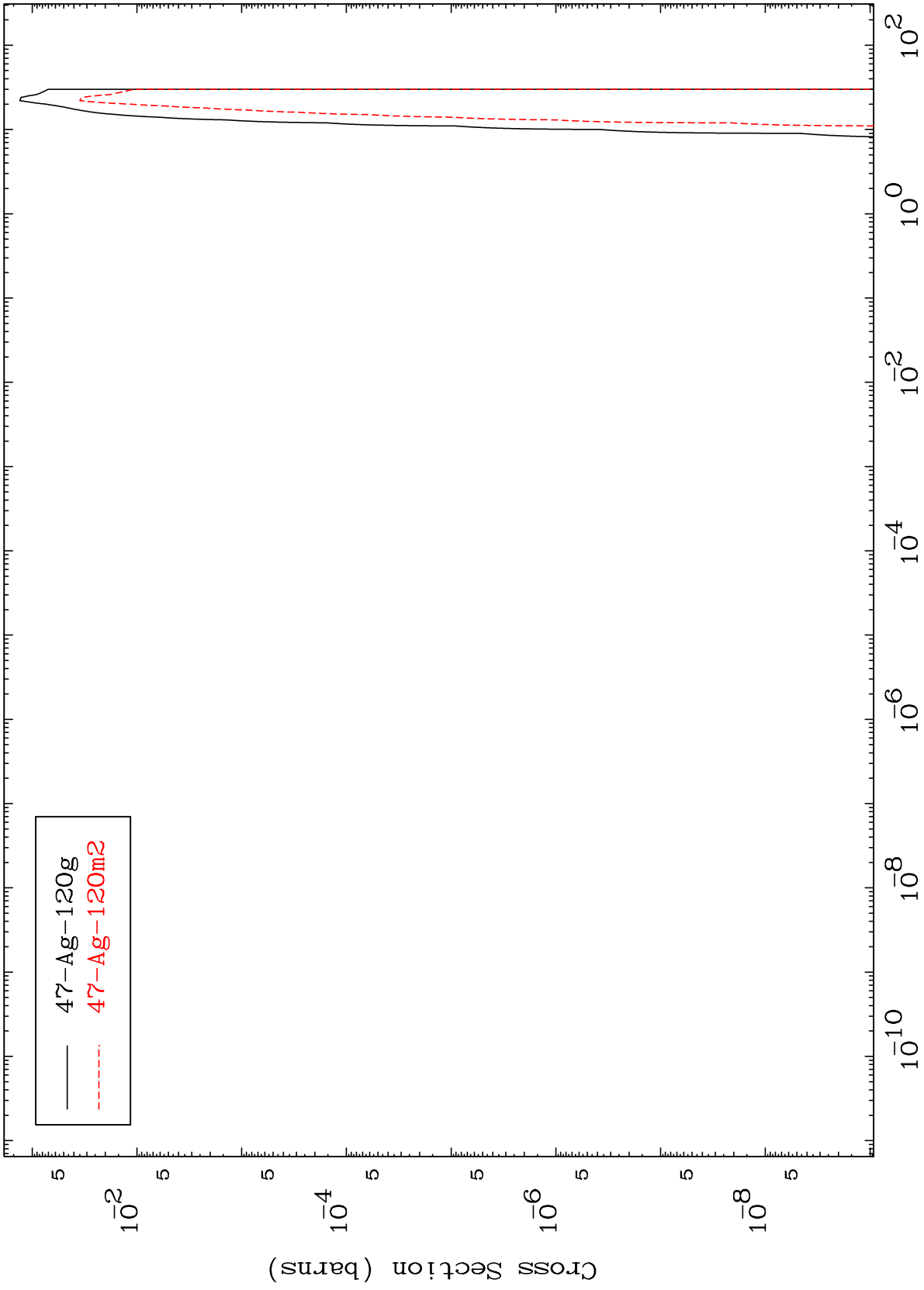
47-Ag-120

MAT 4764

(α, α)

47-Ag-120

Radionuclide Production Cross Section



25

Incident Energy (MeV)

47-Ag-120