

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

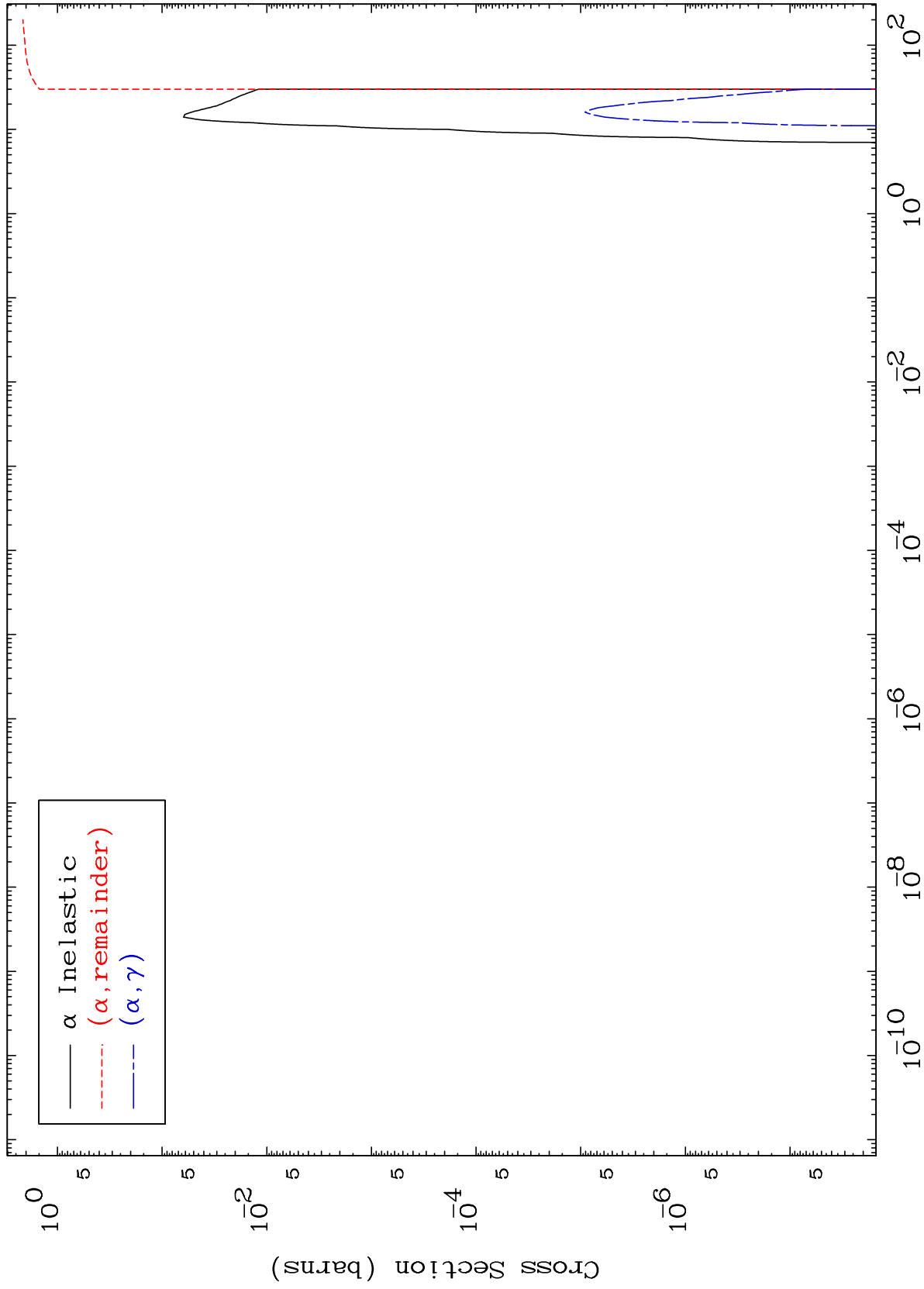
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4740

0 Kelvin α Major
Cross Sections

47-Ag-112



1

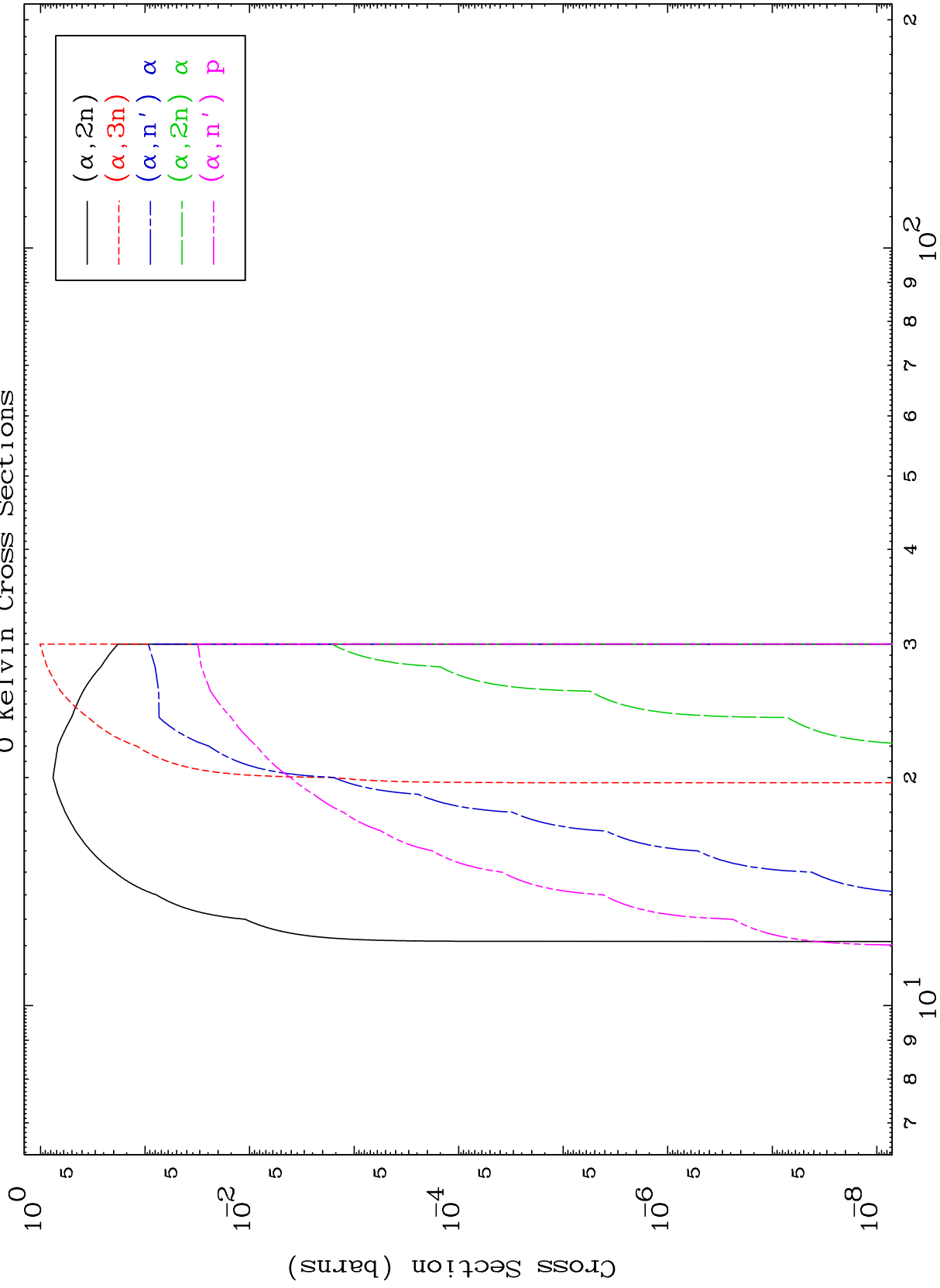
Incident Energy (MeV)

47-Ag-112

MAT 4740

α Neutron Production
0 Kelvin Cross Sections

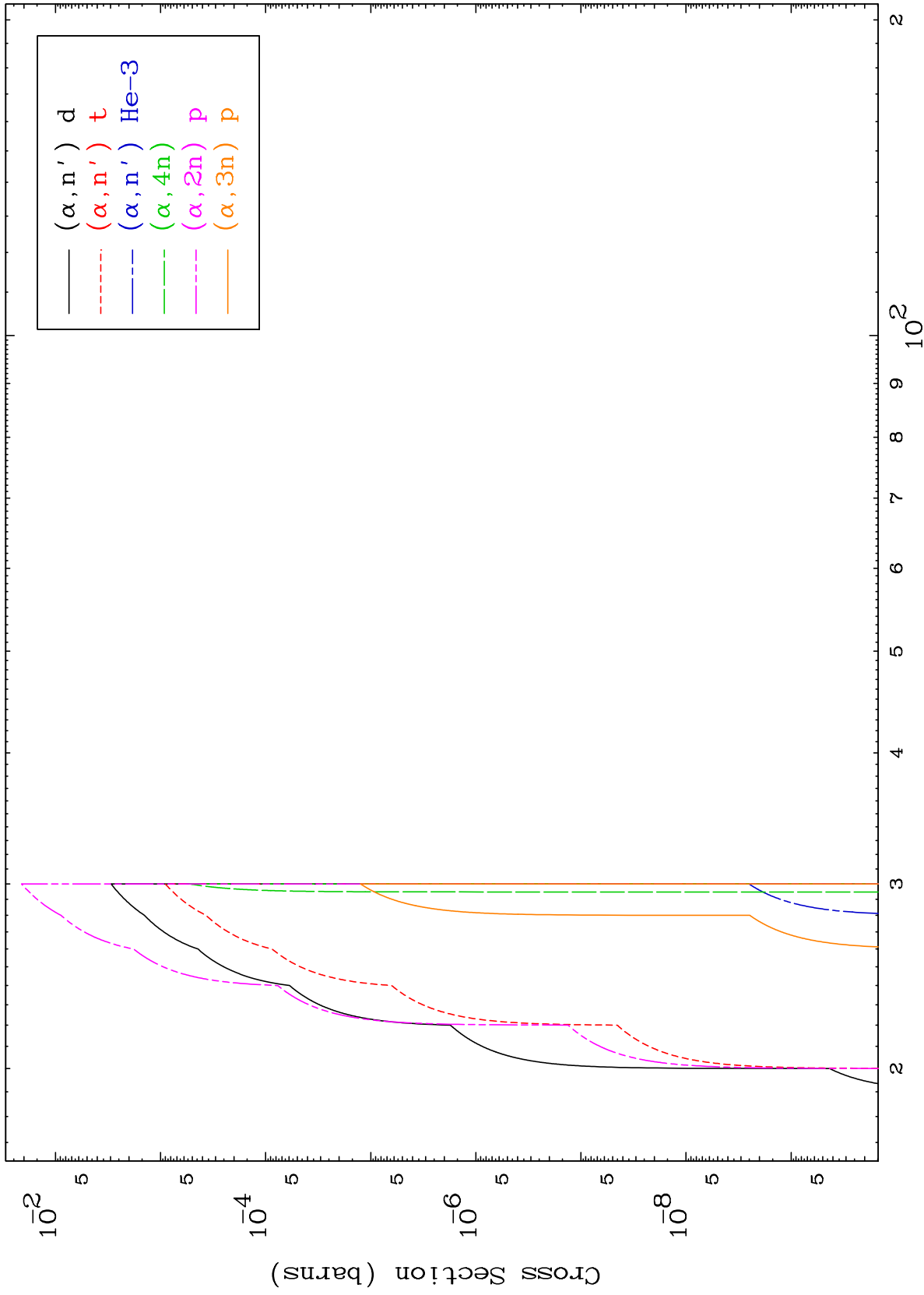
47-Ag-112

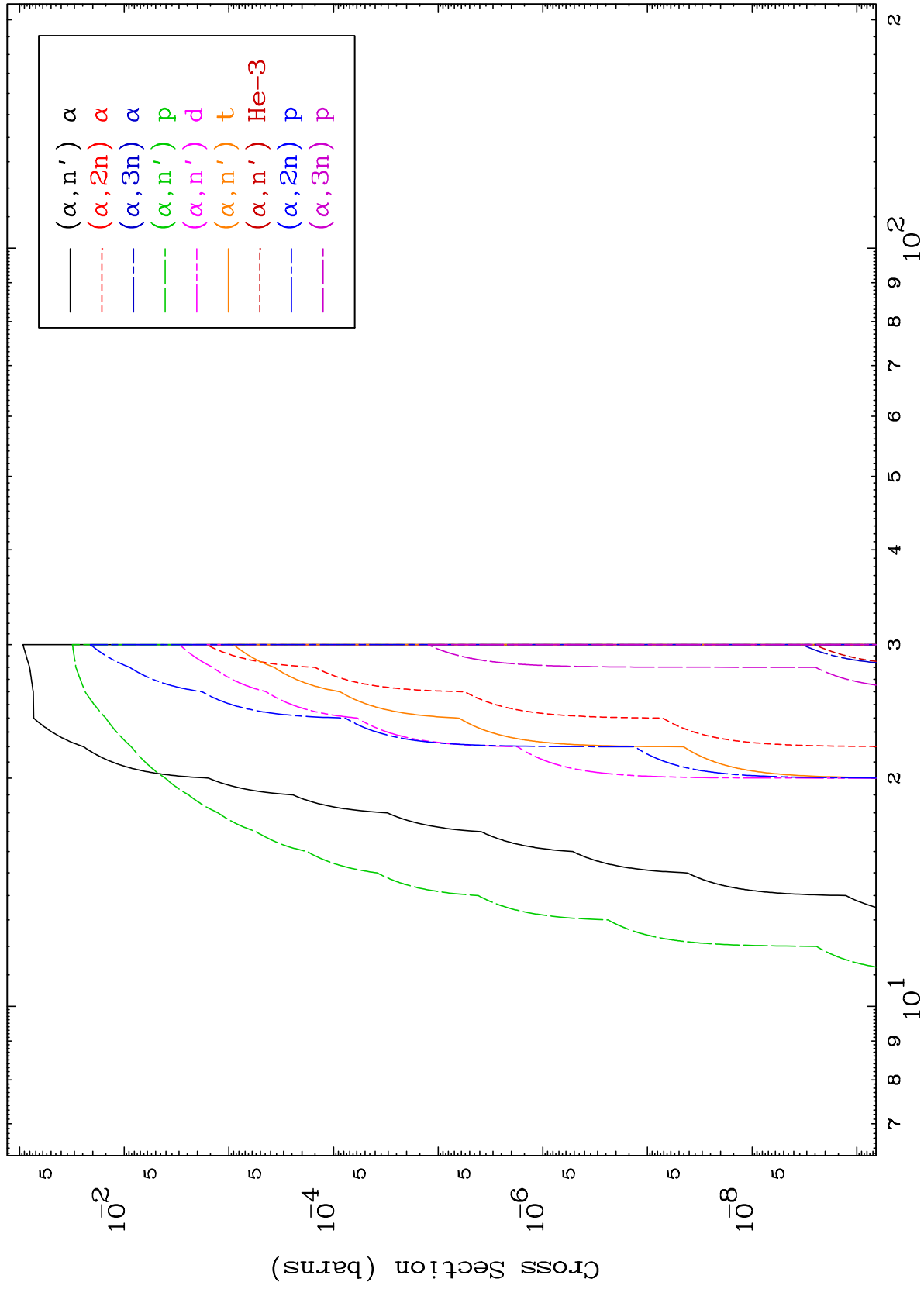


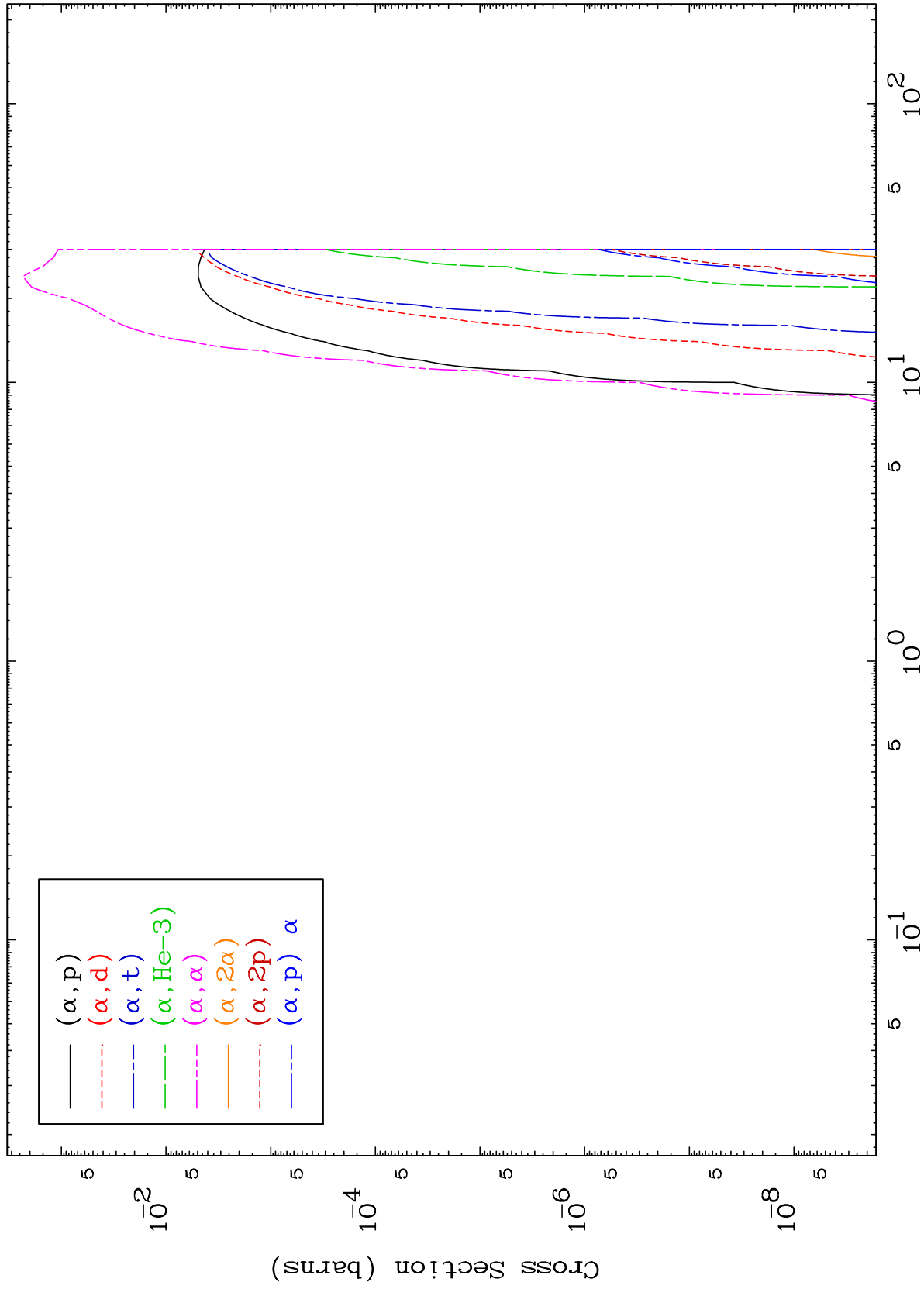
2

Incident Energy (MeV)

47-Ag-112



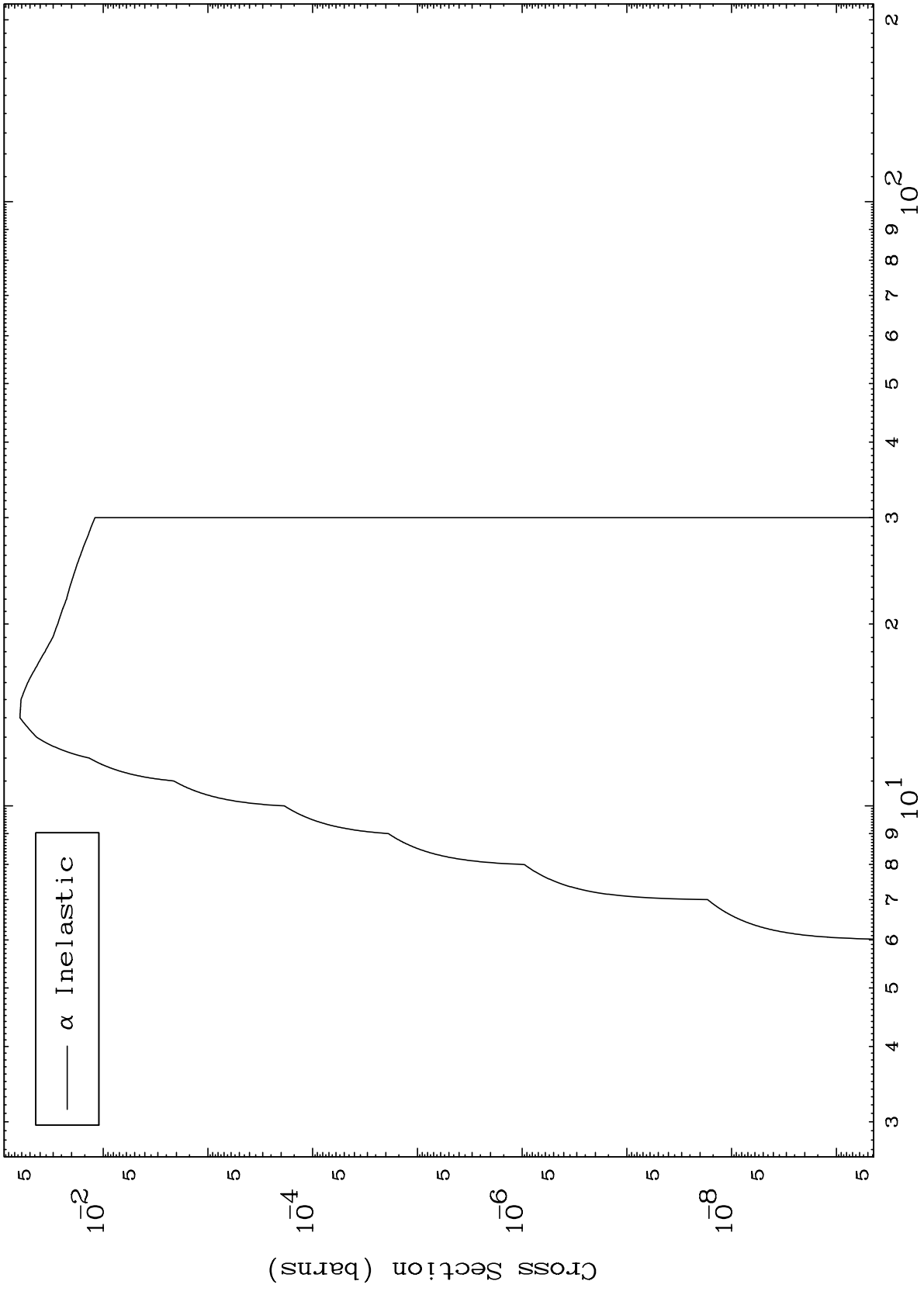




MAT 4740

(α, n') Level
0 Kelvin Cross Sections

47-Ag-112



6

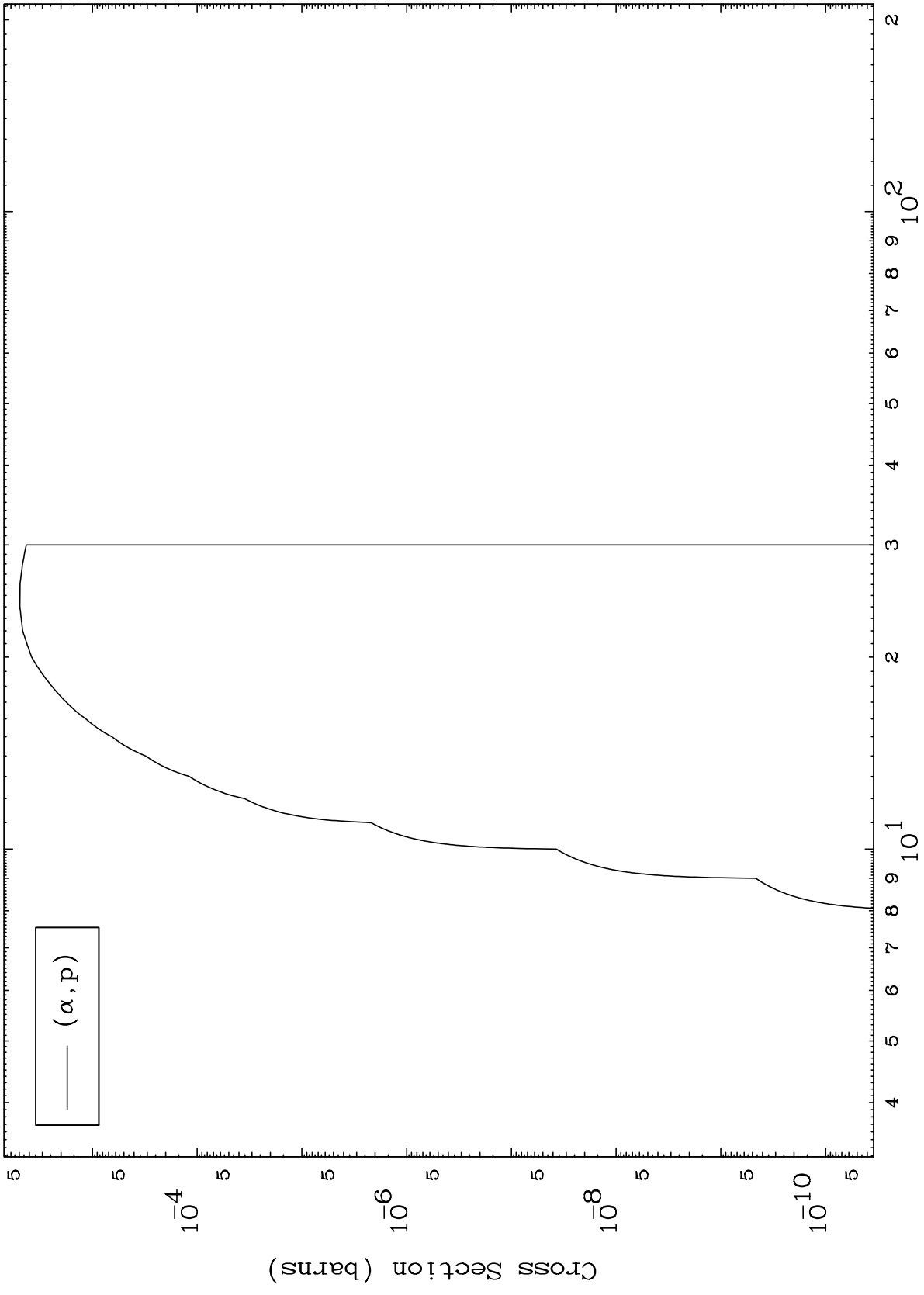
Incident Energy (MeV)

47-Ag-112

MAT 4740

(α, p) Levels
0 Kelvin Cross Sections

47-Ag-112



7

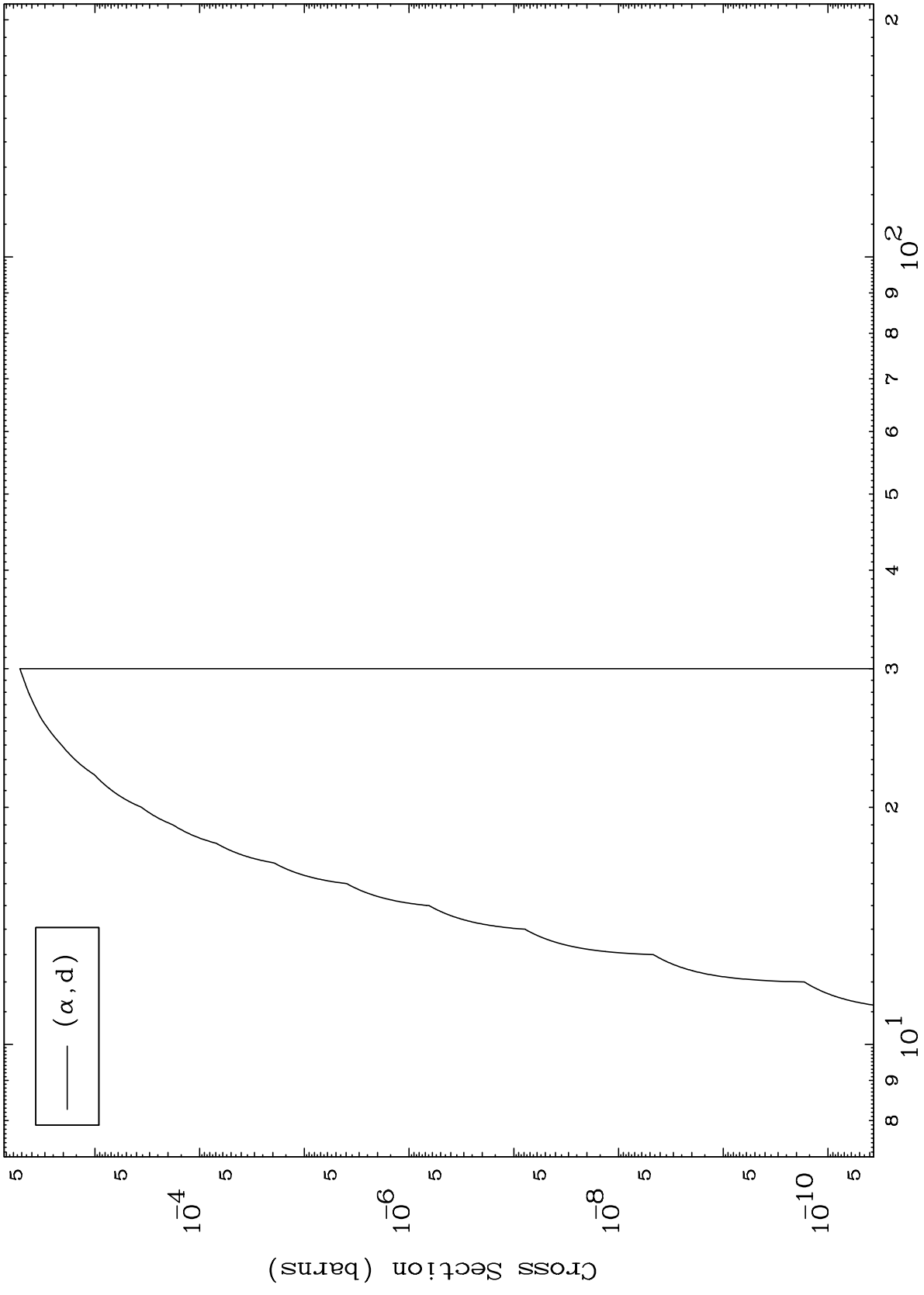
Incident Energy (MeV)

47-Ag-112

MAT 4740

(α, d) Levels
0 Kelvin Cross Sections

47-Ag-112



8

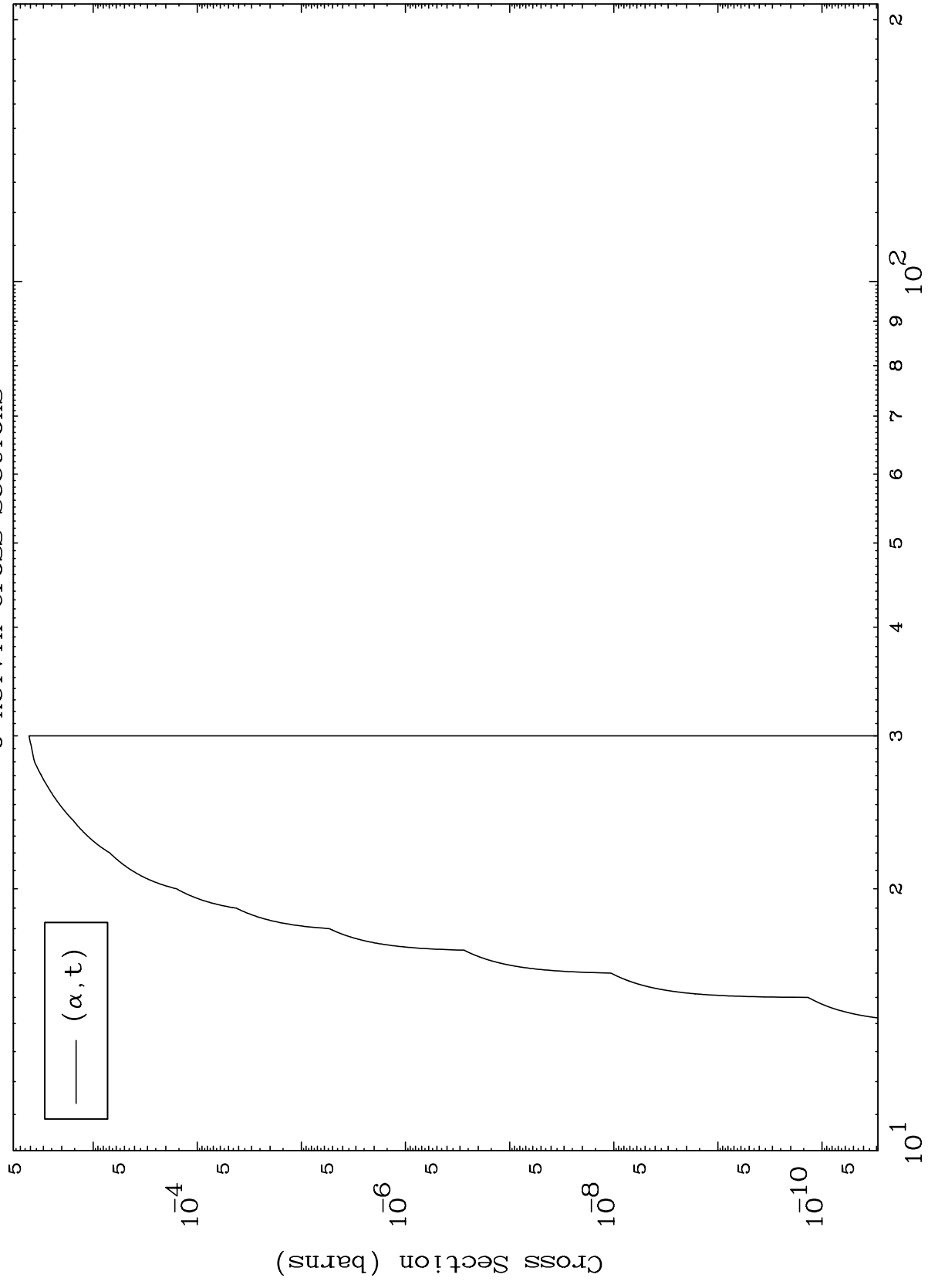
Incident Energy (MeV)

47-Ag-112

MAT 4740

(α, t) Levels
0 Kelvin Cross Sections

47-Ag-112



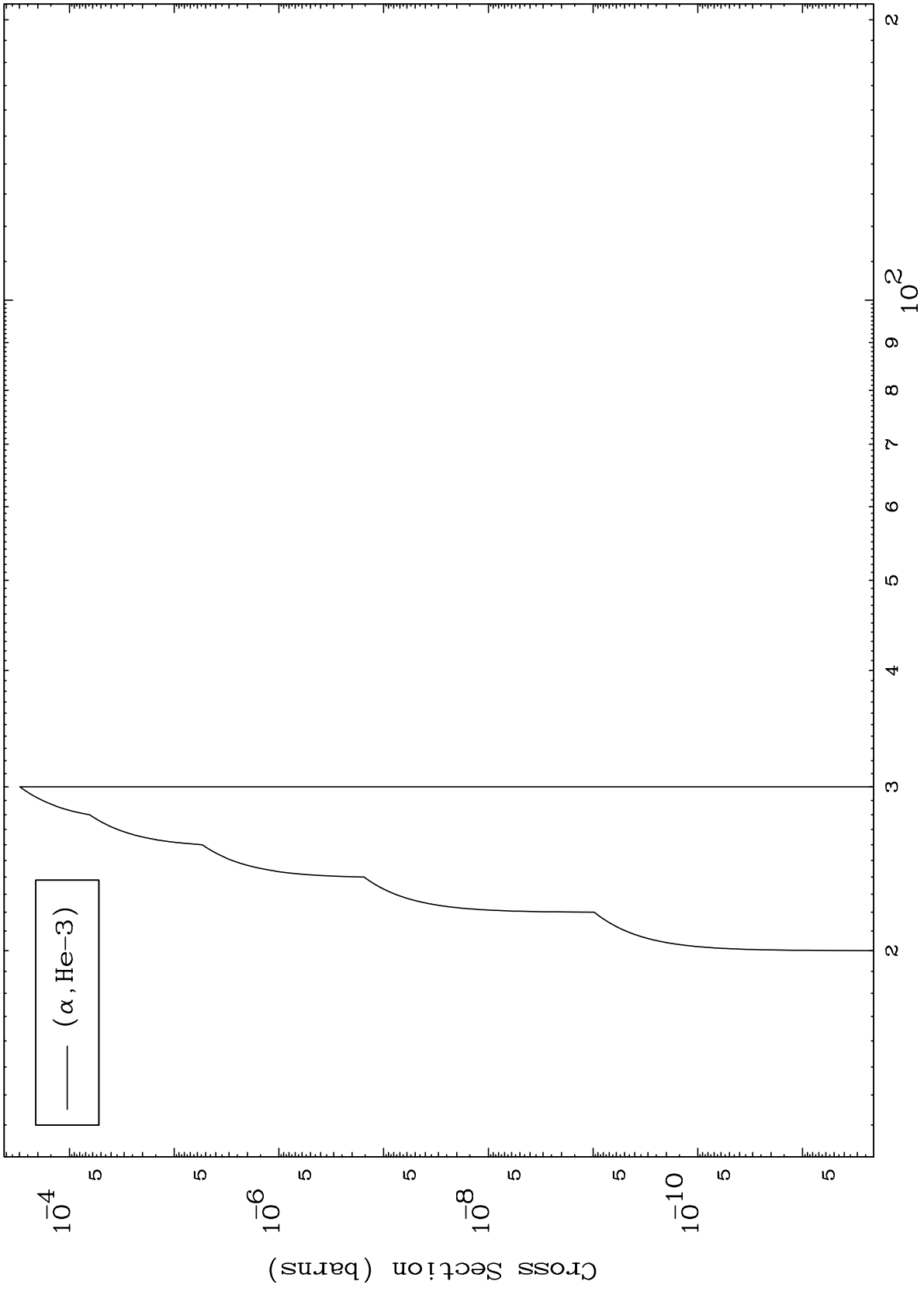
Incident Energy (MeV)

47-Ag-112

MAT 4740

(α ,He3) Levels
0 Kelvin Cross Sections

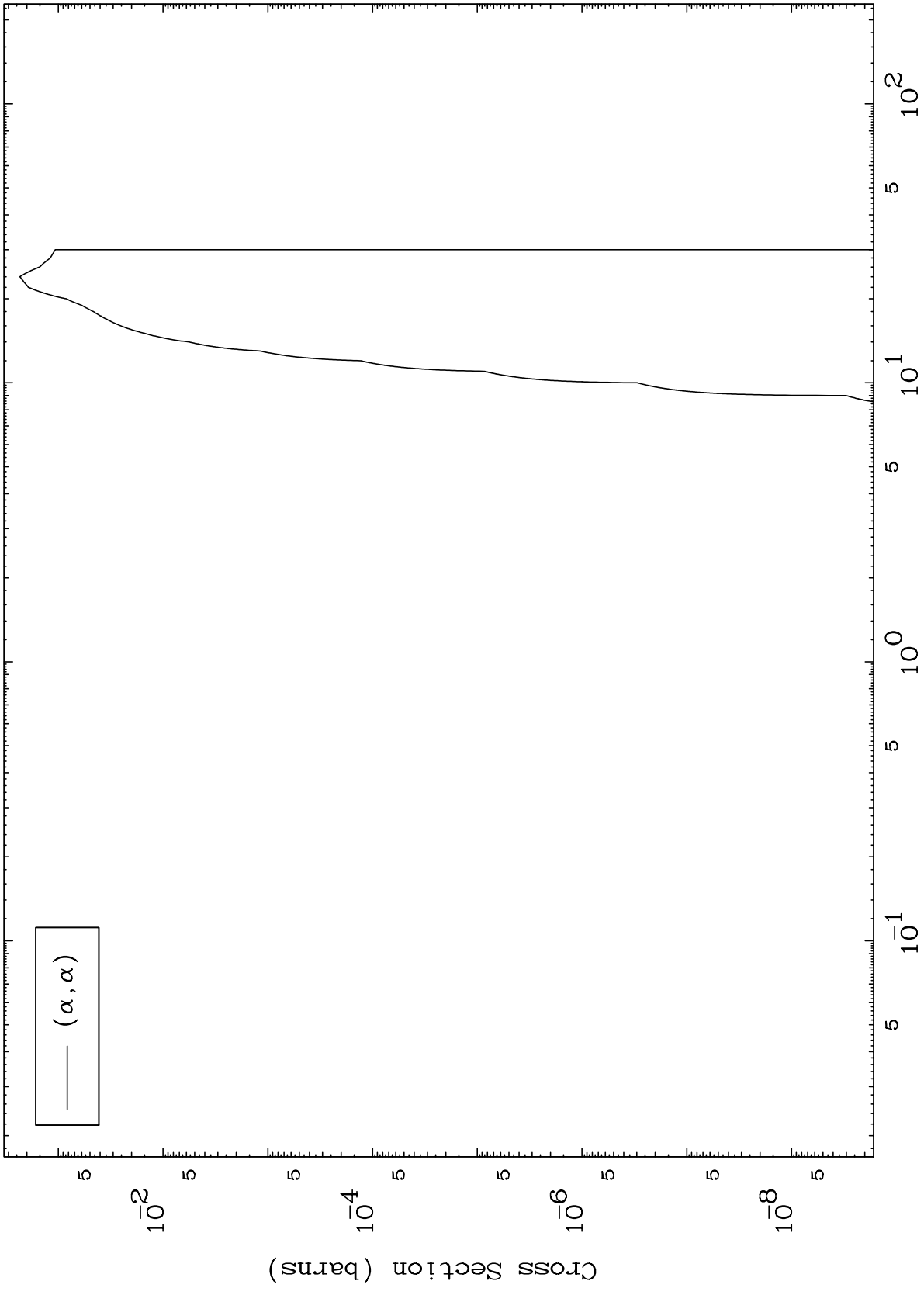
47-Ag-112



10

Incident Energy (MeV)

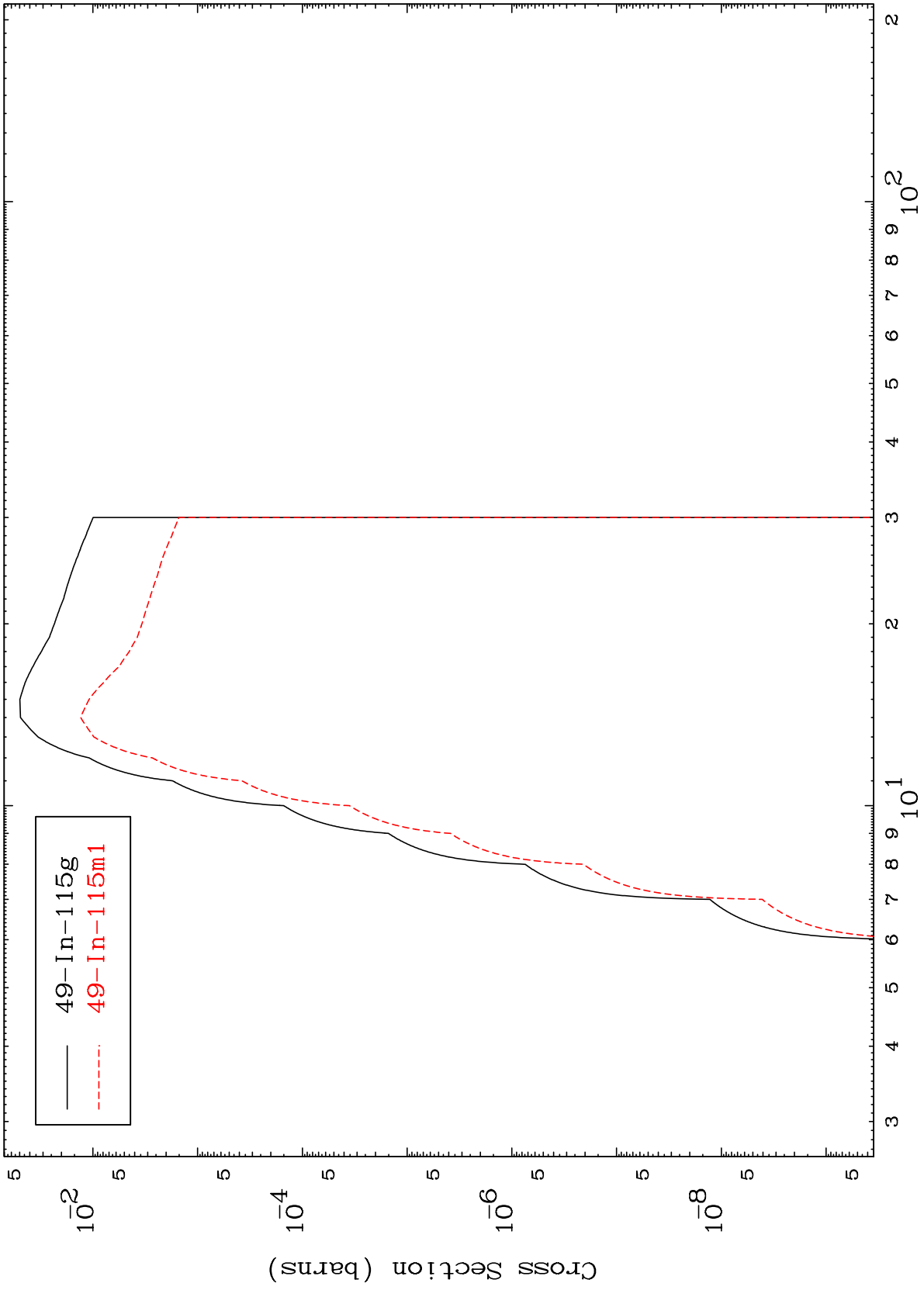
47-Ag-112



MAT 4740

Radionuclide Production Cross Section

47-Ag-112



12

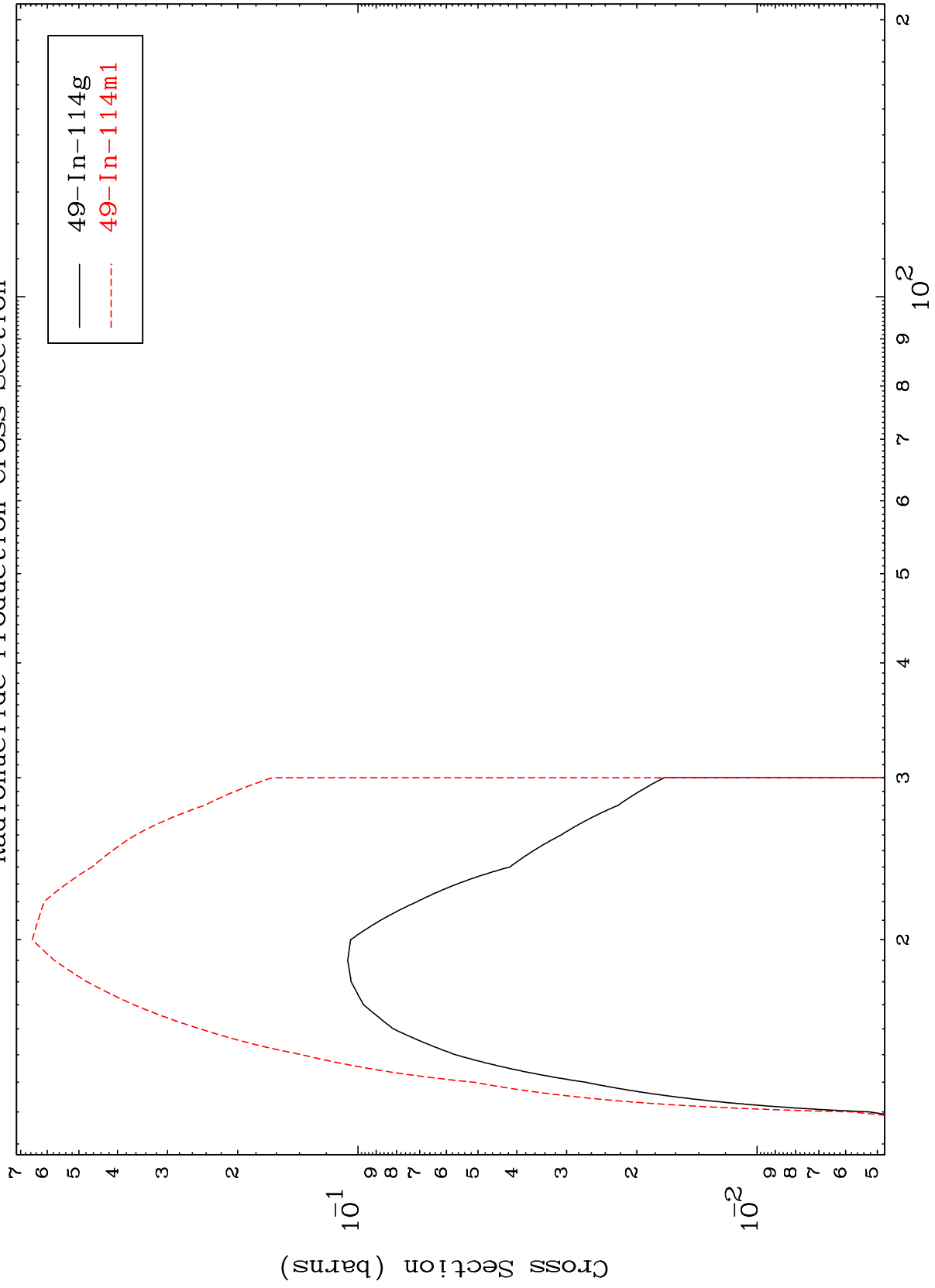
Incident Energy (MeV)

47-Ag-112

MAT 4740

47-Ag-112

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



13

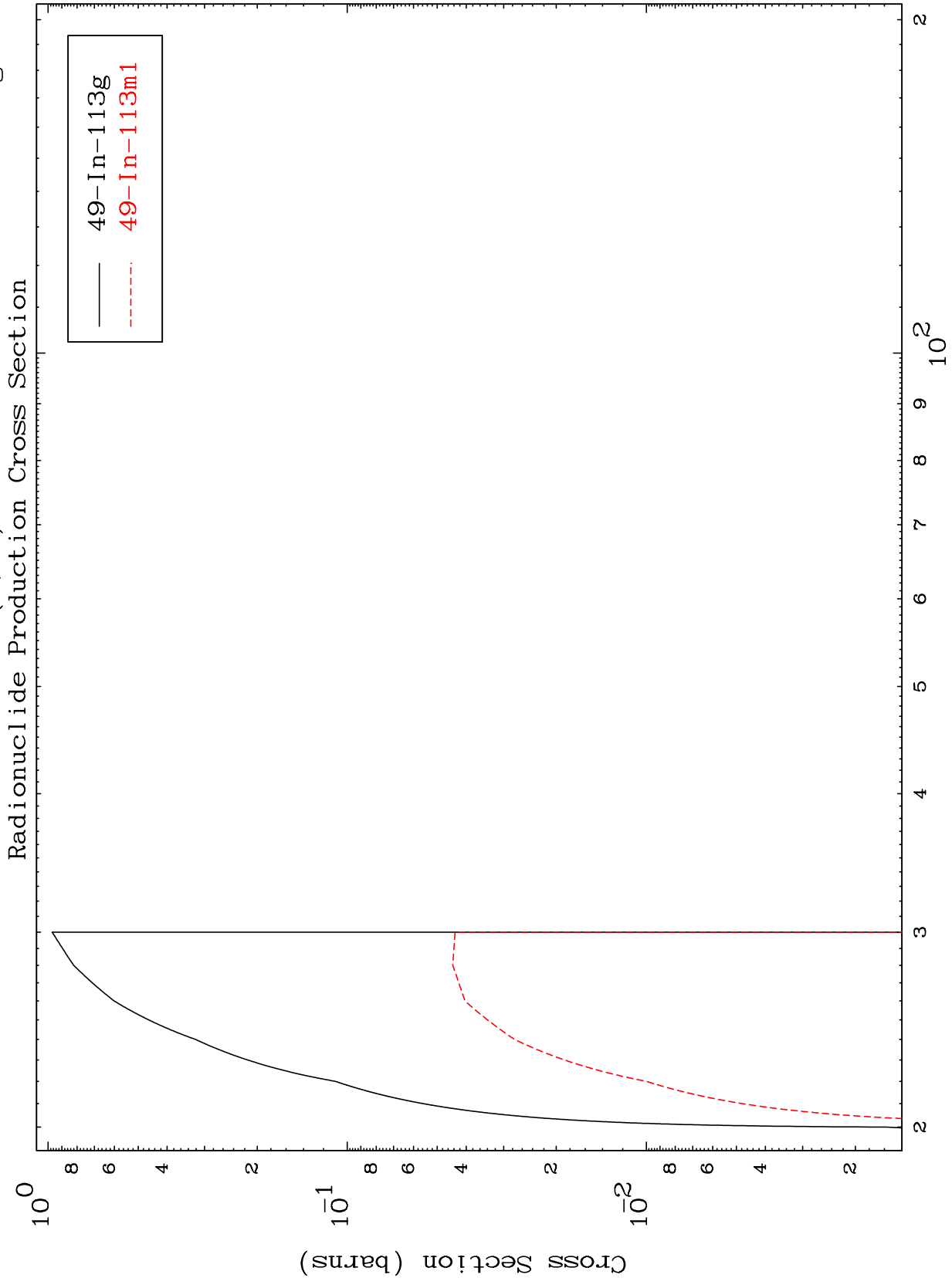
Incident Energy (MeV)

47-Ag-112

MAT 4740

($\alpha, 3n$)

47-Ag-112



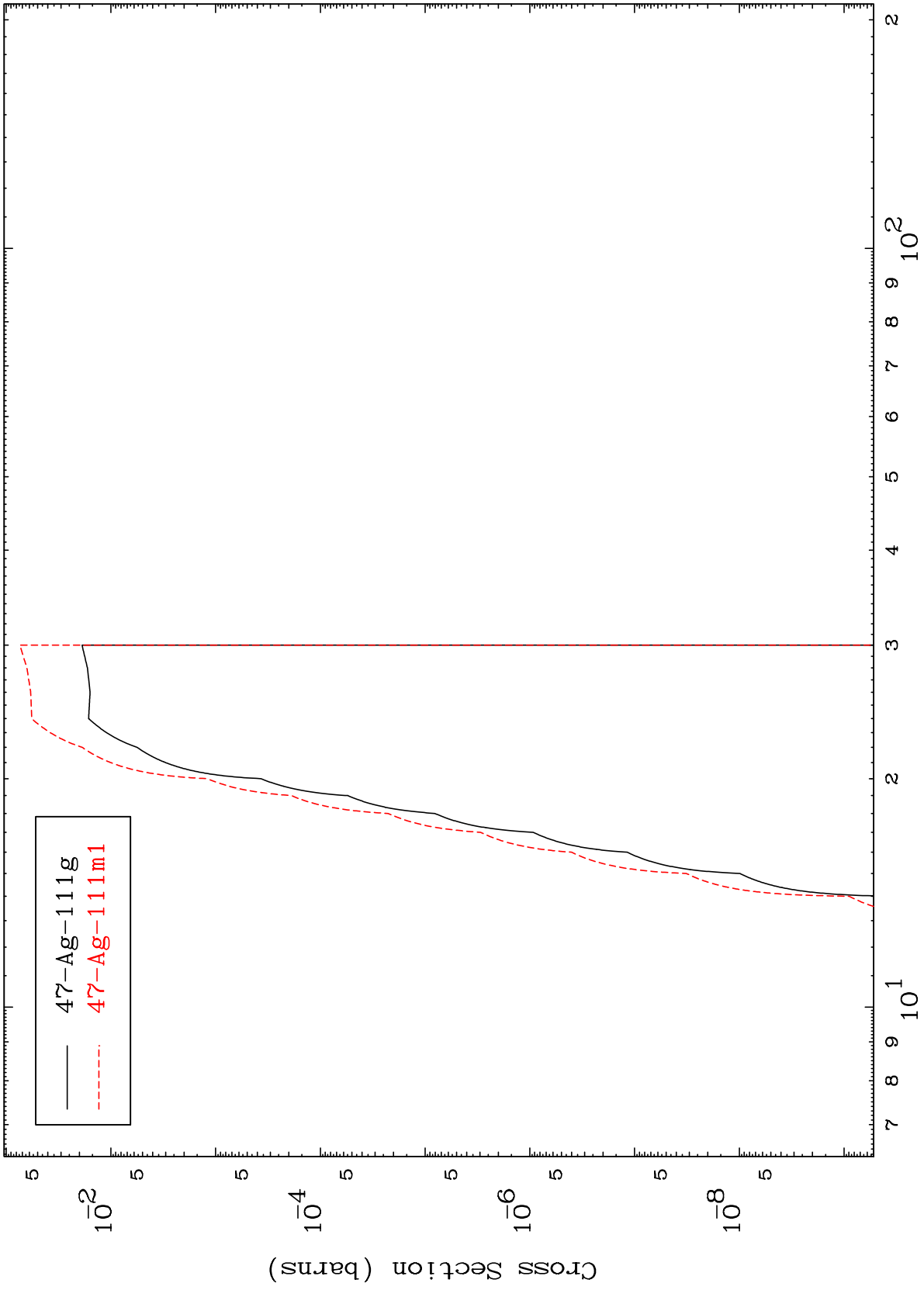
14

47-Ag-112

MAT 4740

47-Ag-112

(α, n') α
Radionuclide Production Cross Section



15

Incident Energy (MeV)

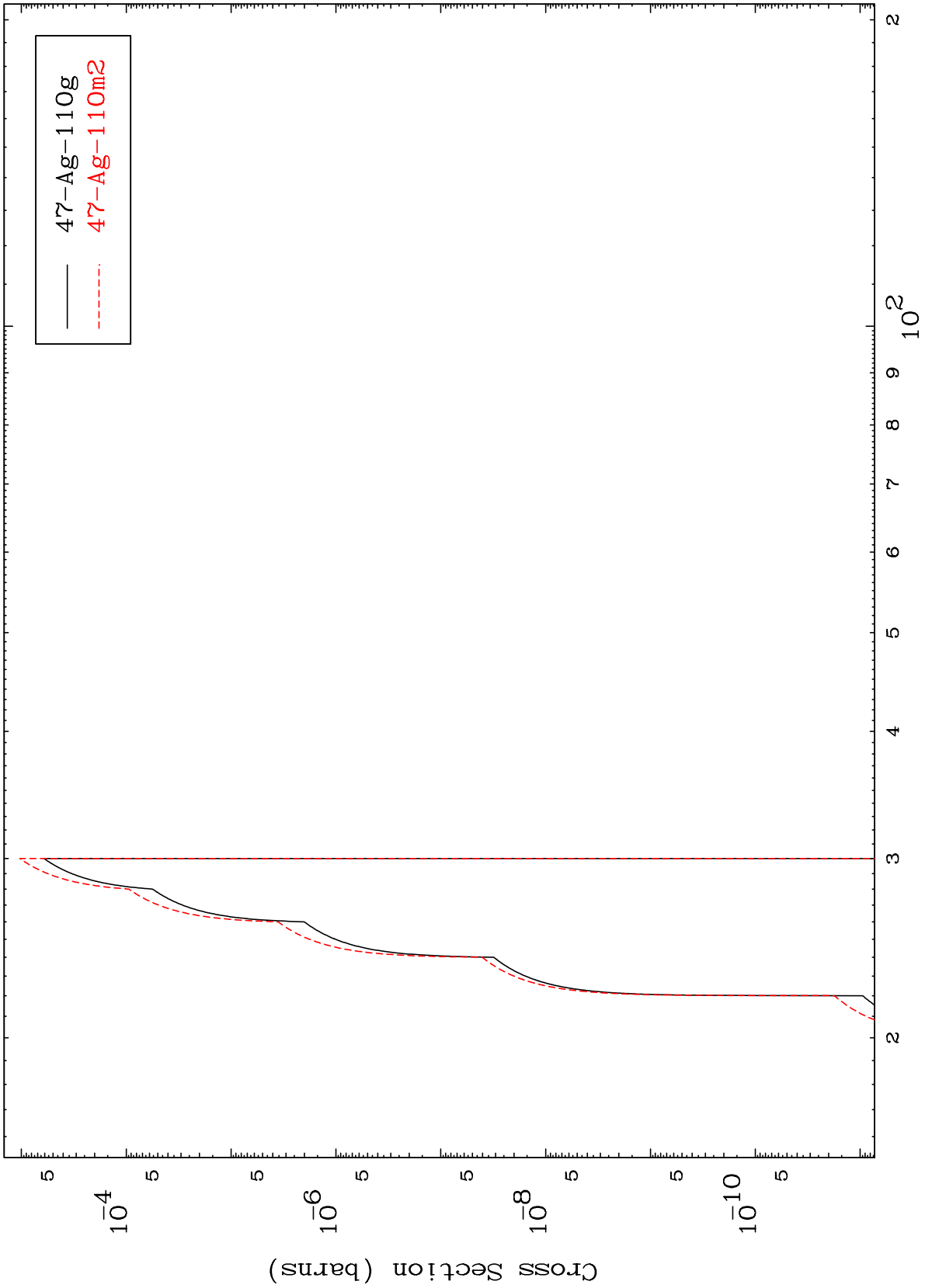
47-Ag-112

MAT 4740

($\alpha, 2n$) α

47-Ag-112

Radionuclide Production Cross Section



16

Incident Energy (MeV)

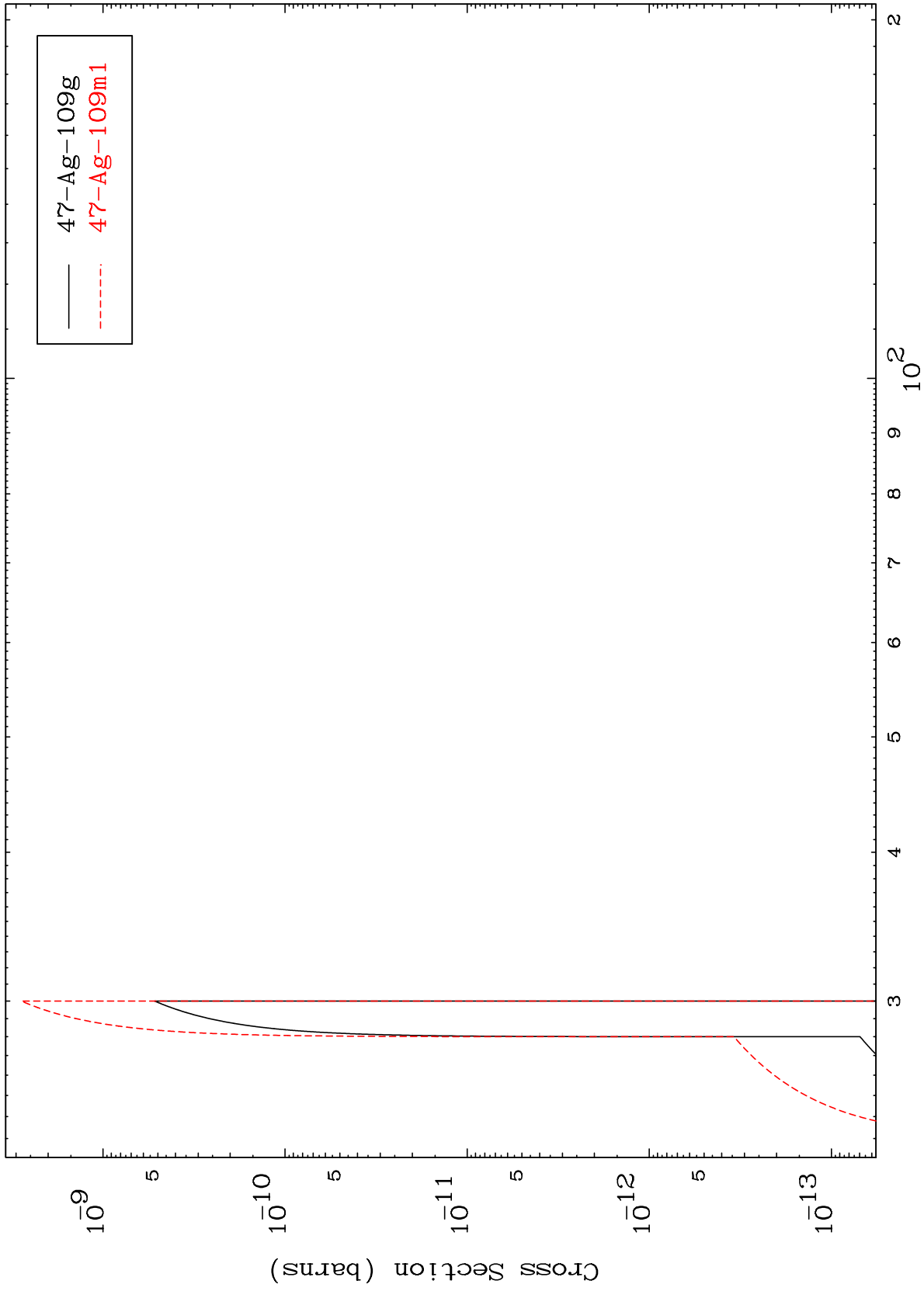
47-Ag-112

MAT 4740

($\alpha, 3n$) α

47-Ag-112

Radionuclide Production Cross Section



17

Incident Energy (MeV)

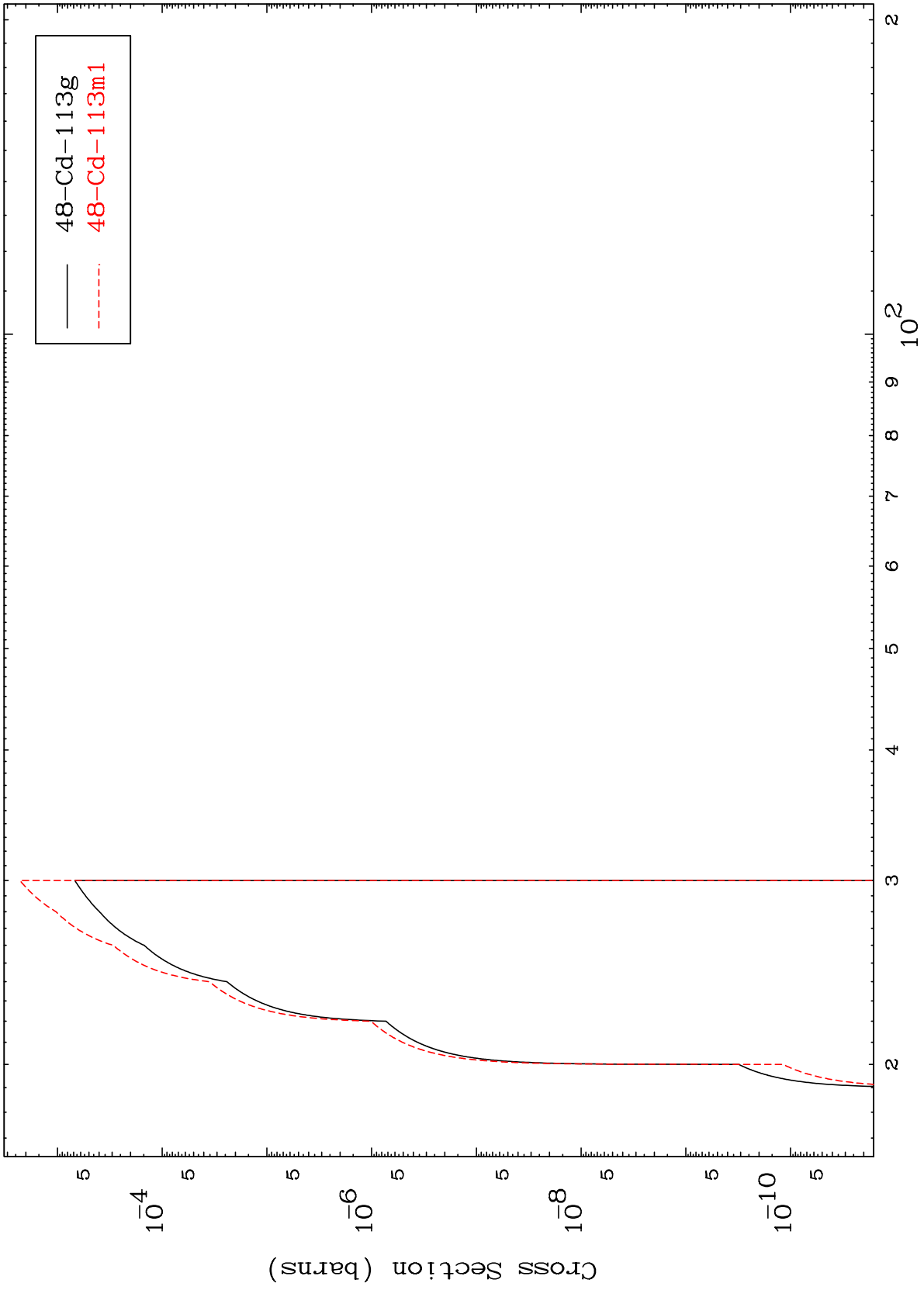
47-Ag-112

MAT 4740

(α, n') d

47-Ag-112

Radionuclide Production Cross Section



18

Incident Energy (MeV)

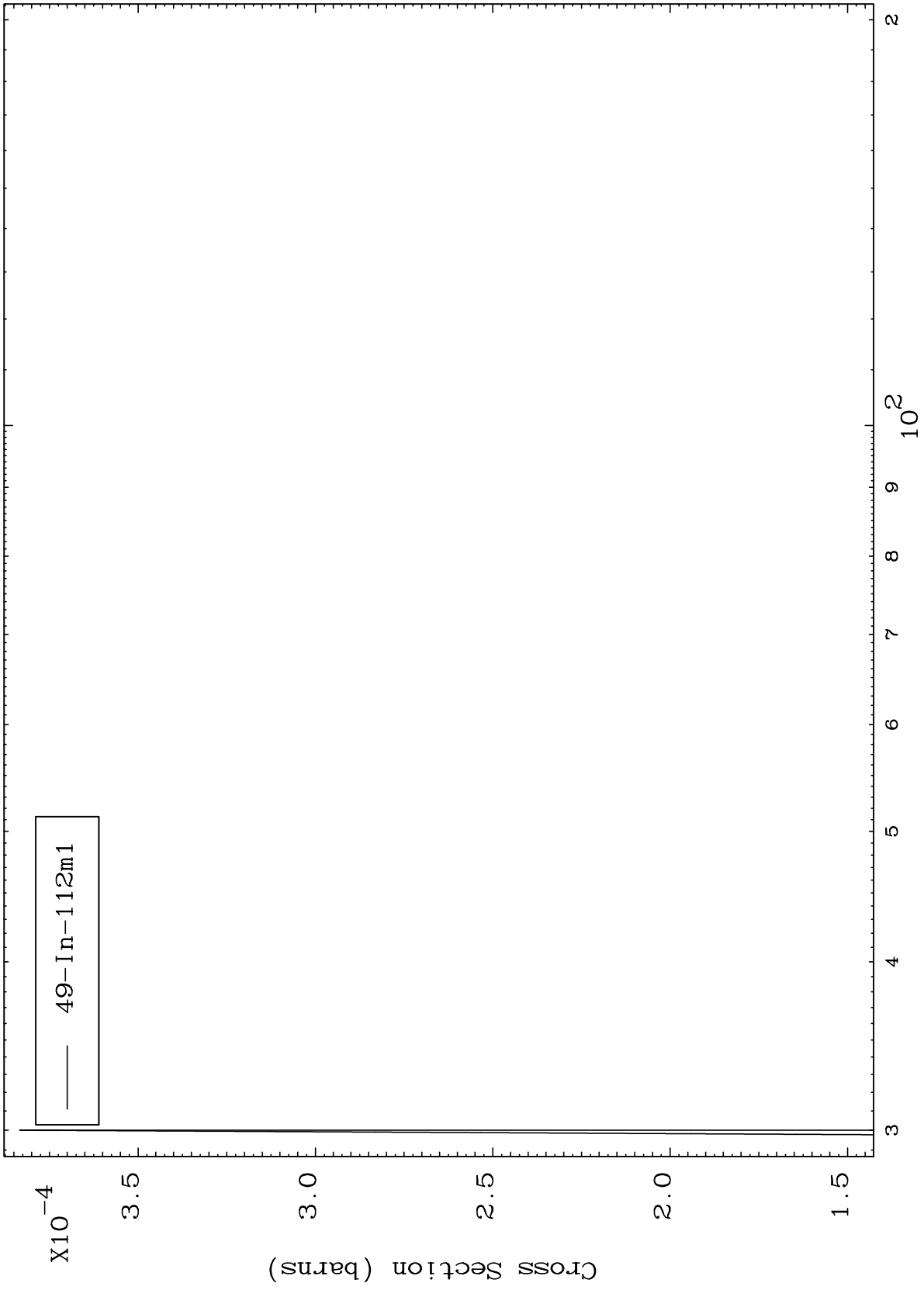
47-Ag-112

MAT 4740

($\alpha, 4n$)

47-Ag-112

Radionuclide Production Cross Section



— 49-In-112m1

19

Incident Energy (MeV)

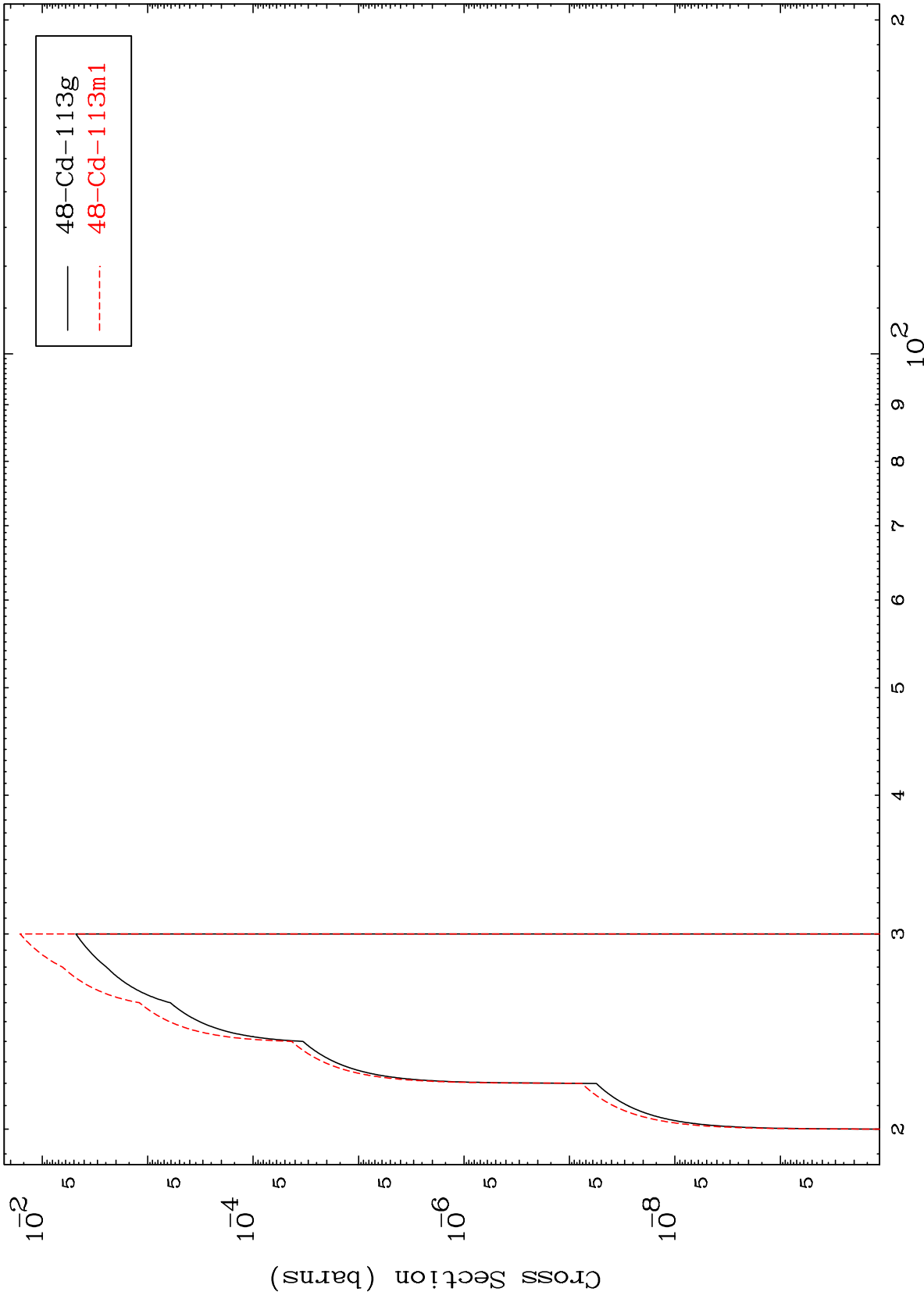
47-Ag-112

MAT 4740

($\alpha, 2n$) p

47-Ag-112

Radionuclide Production Cross Section



20

Incident Energy (MeV)

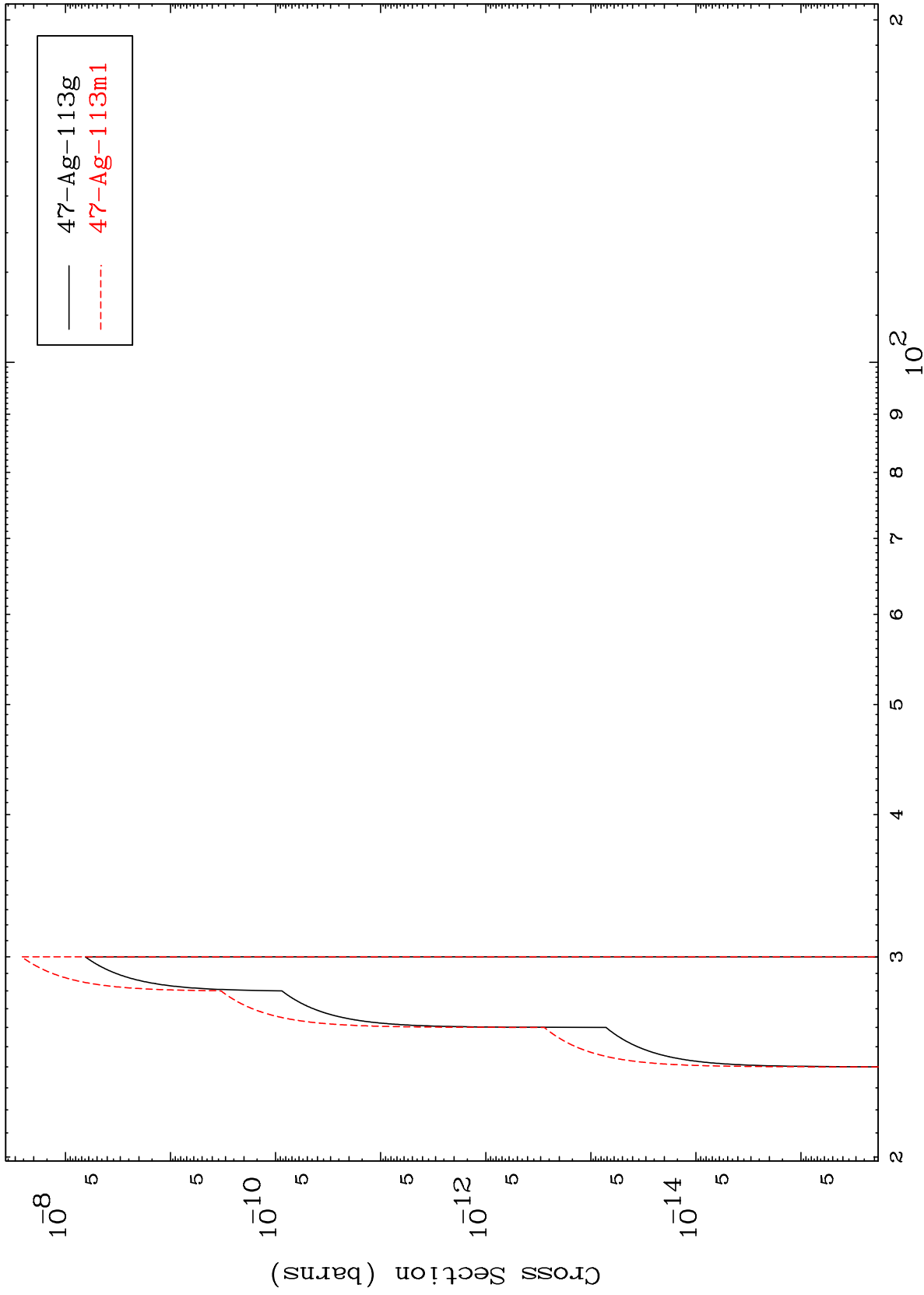
47-Ag-112

MAT 4740

($\alpha, 2n$) p

47-Ag-112

Radionuclide Production Cross Section



21

Incident Energy (MeV)

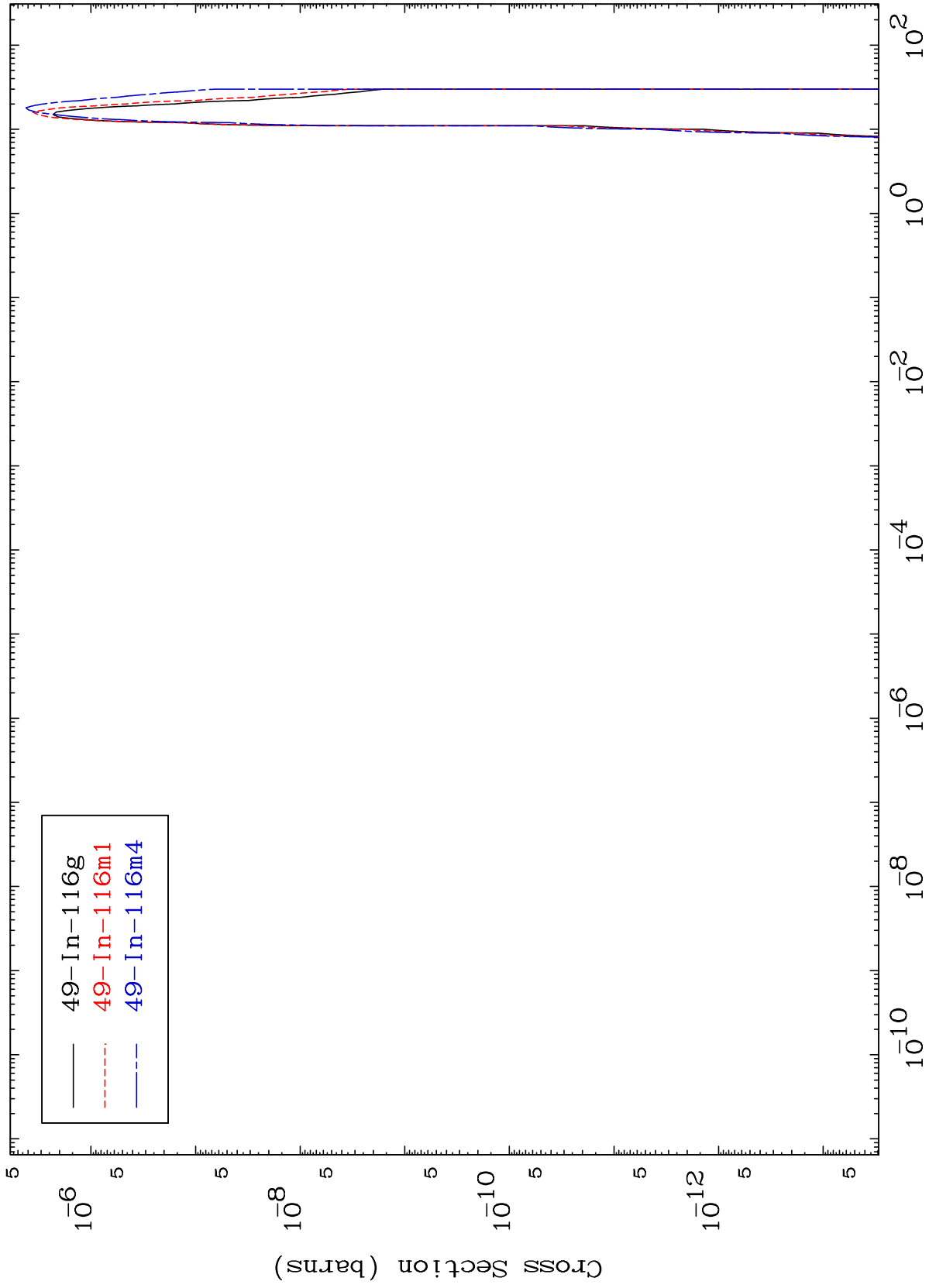
47-Ag-112

MAT 4740

(α, γ)

47-Ag-112

Radionuclide Production Cross Section



22

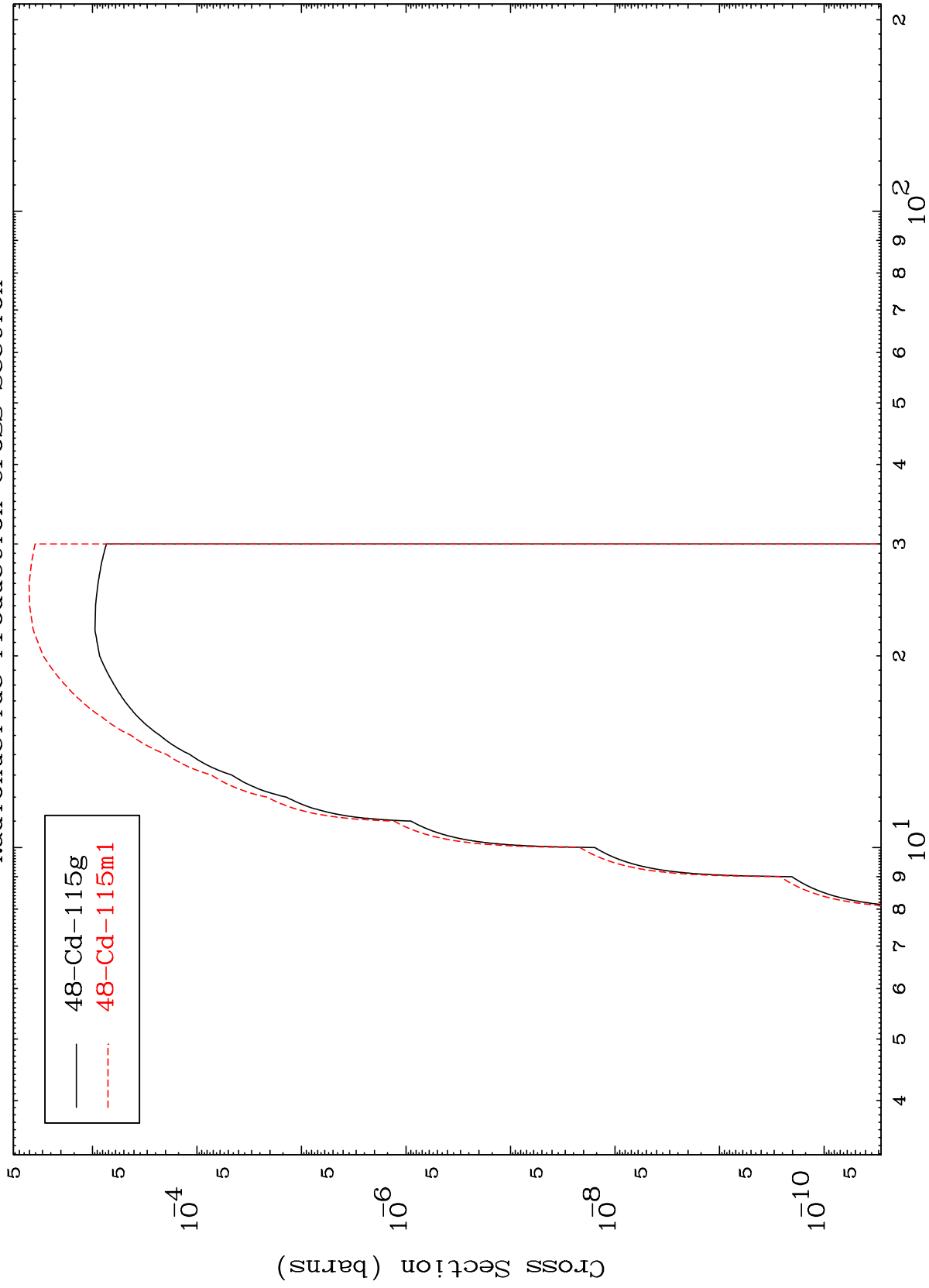
Incident Energy (MeV)

47-Ag-112

MAT 4740

47-Ag-112

(α, p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

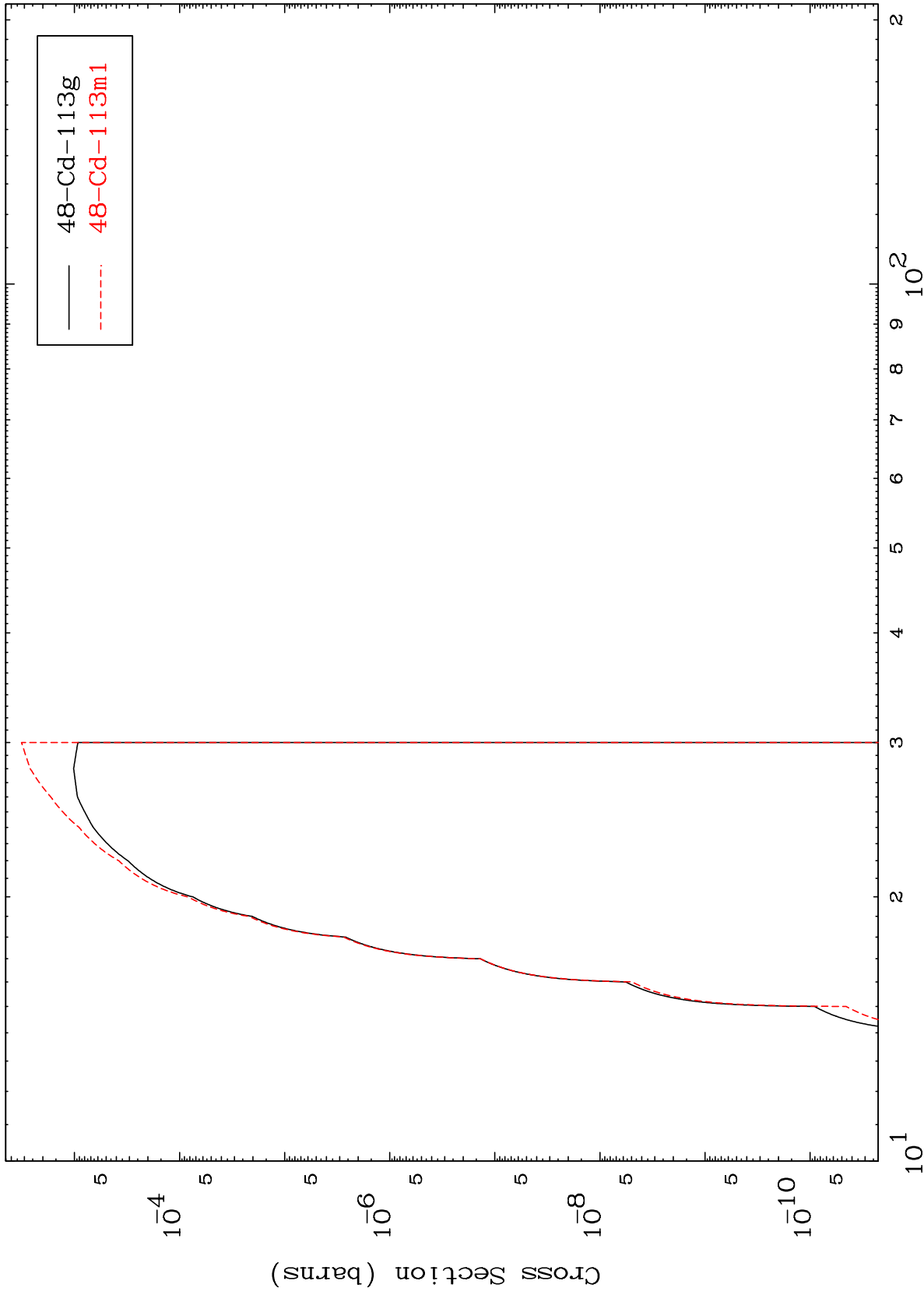
47-Ag-112

MAT 4740

(α, t)

47-Ag-112

Radionuclide Production Cross Section



24

Incident Energy (MeV)

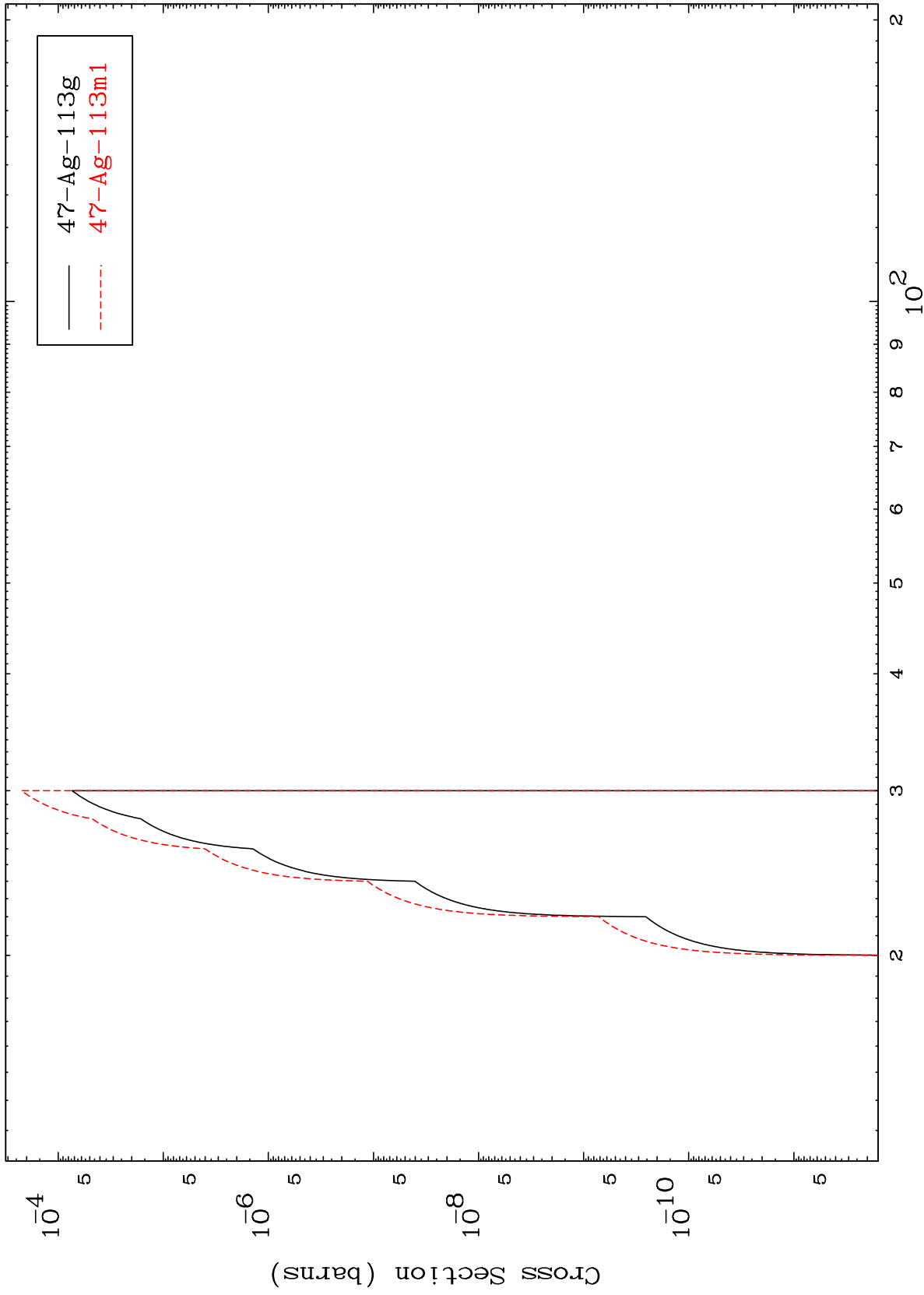
47-Ag-112

MAT 4740

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

47-Ag-112

Radionuclide Production Cross Section



25

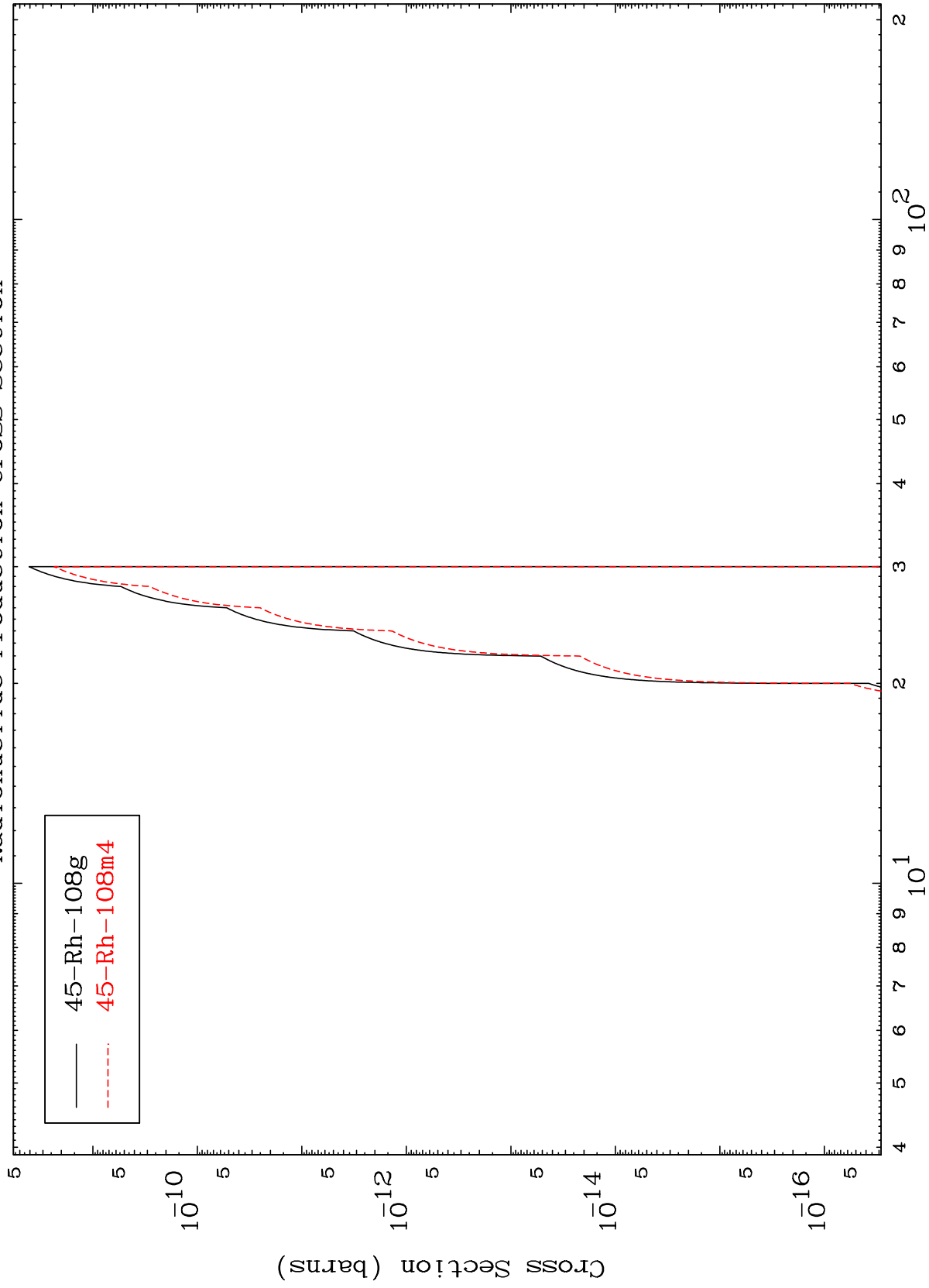
Incident Energy (MeV)

47-Ag-112

MAT 4740

47-Ag-112

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



26

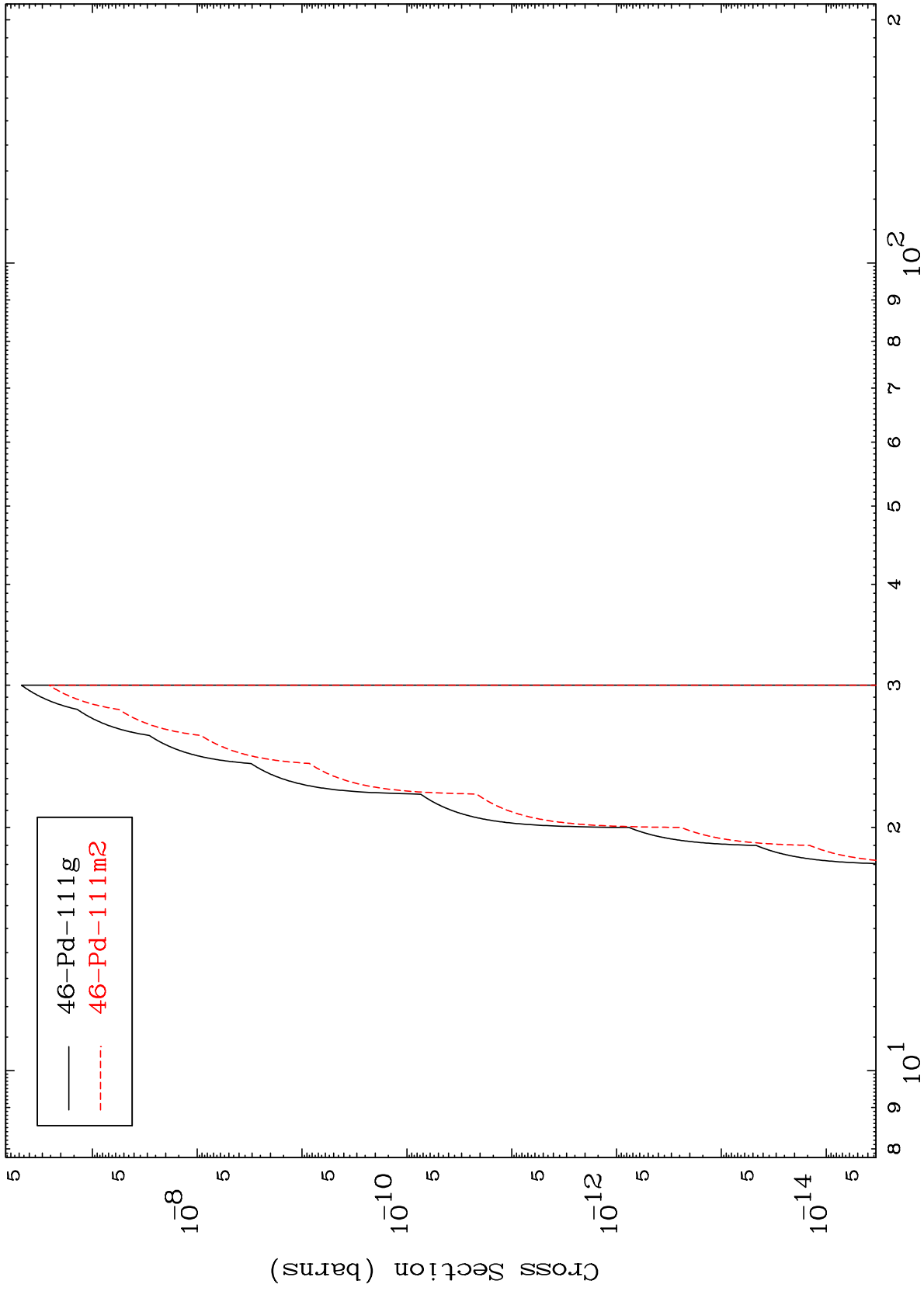
47-Ag-112

MAT 4740

(α, p) α

47-Ag-112

Radionuclide Production Cross Section



27

Incident Energy (MeV)

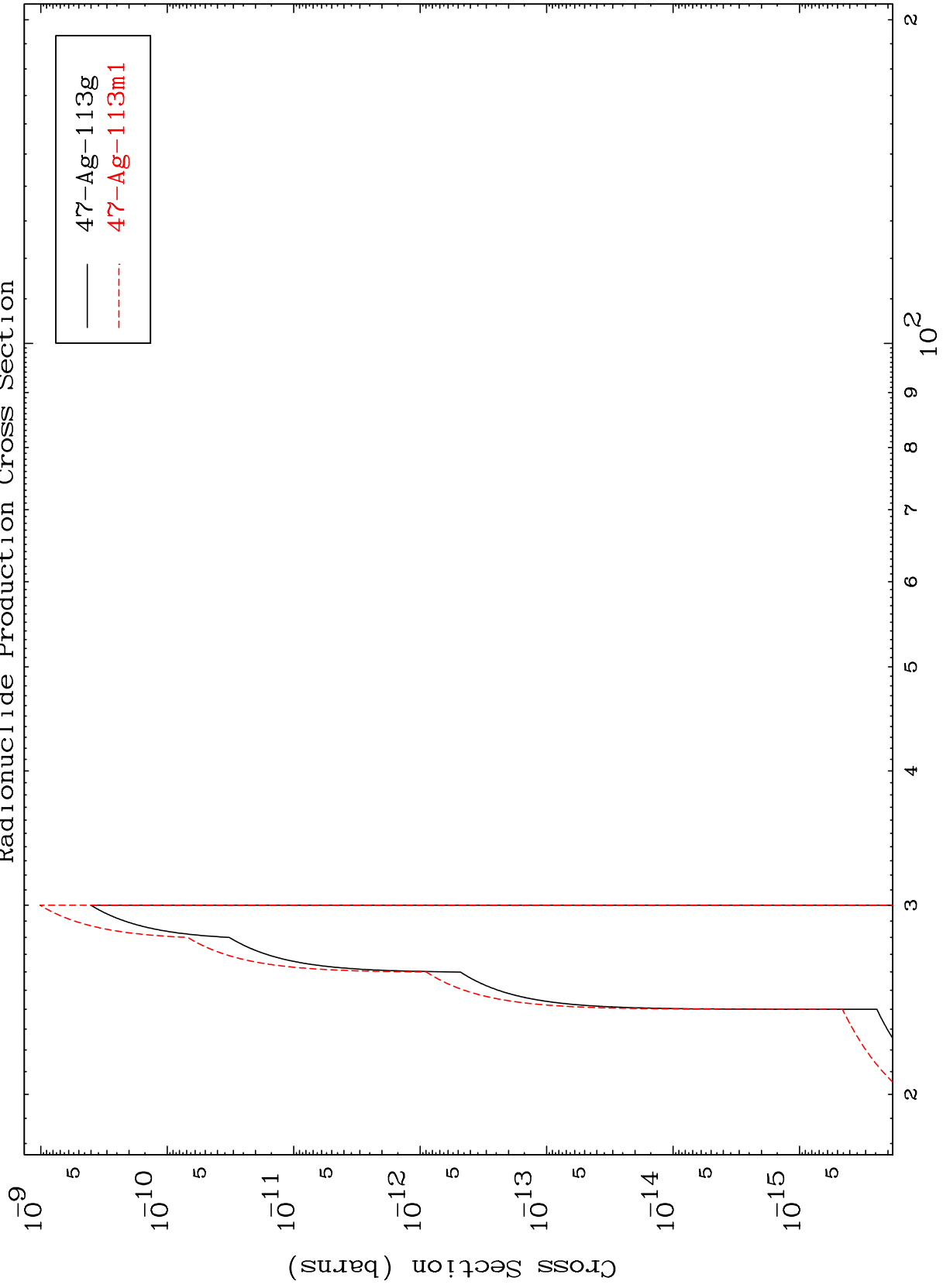
47-Ag-112

MAT 4740

(α, p) d

47-Ag-112

Radionuclide Production Cross Section



28

Incident Energy (MeV)

47-Ag-112