

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

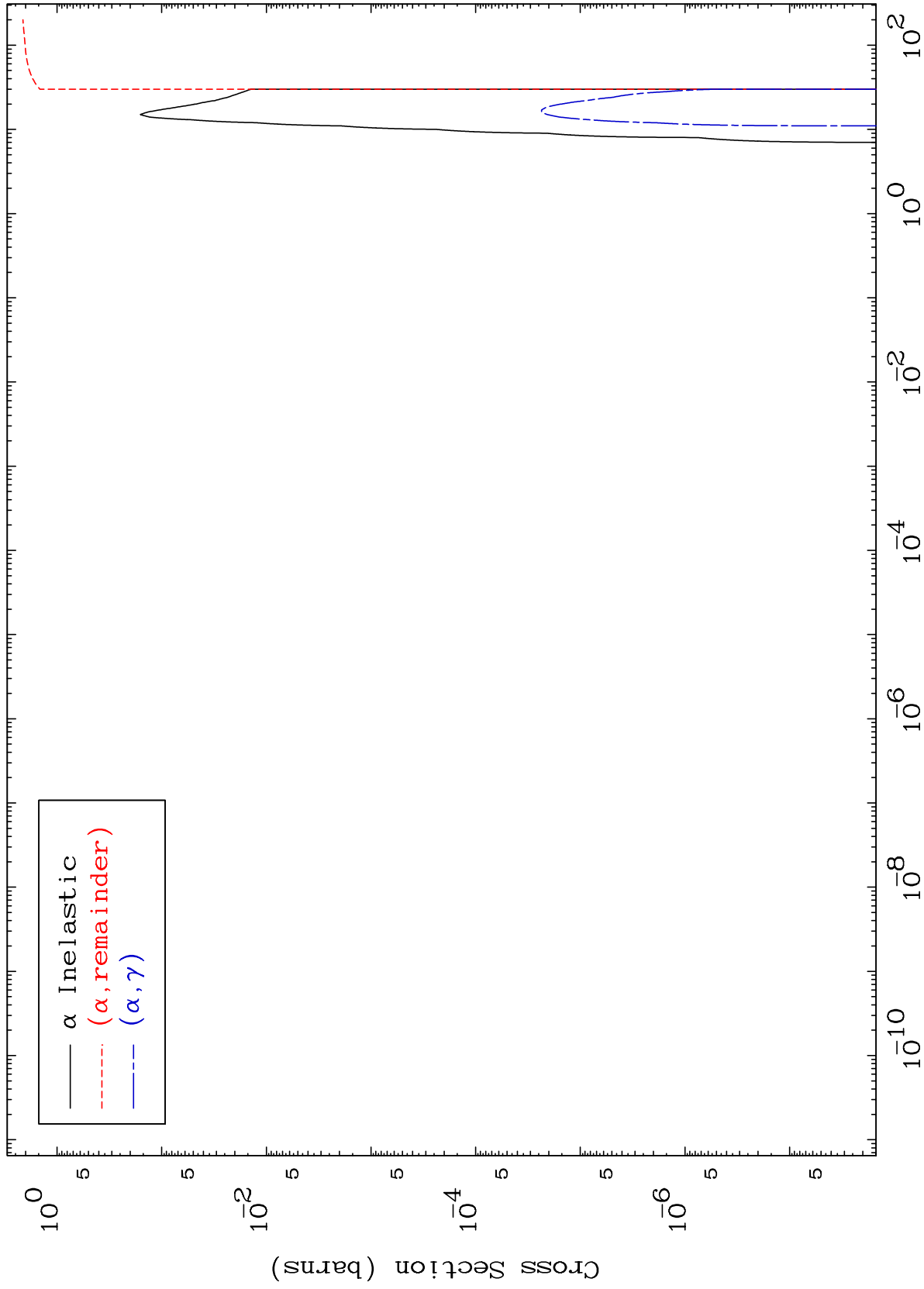
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4735

0 Kelvin α Major
Cross Sections

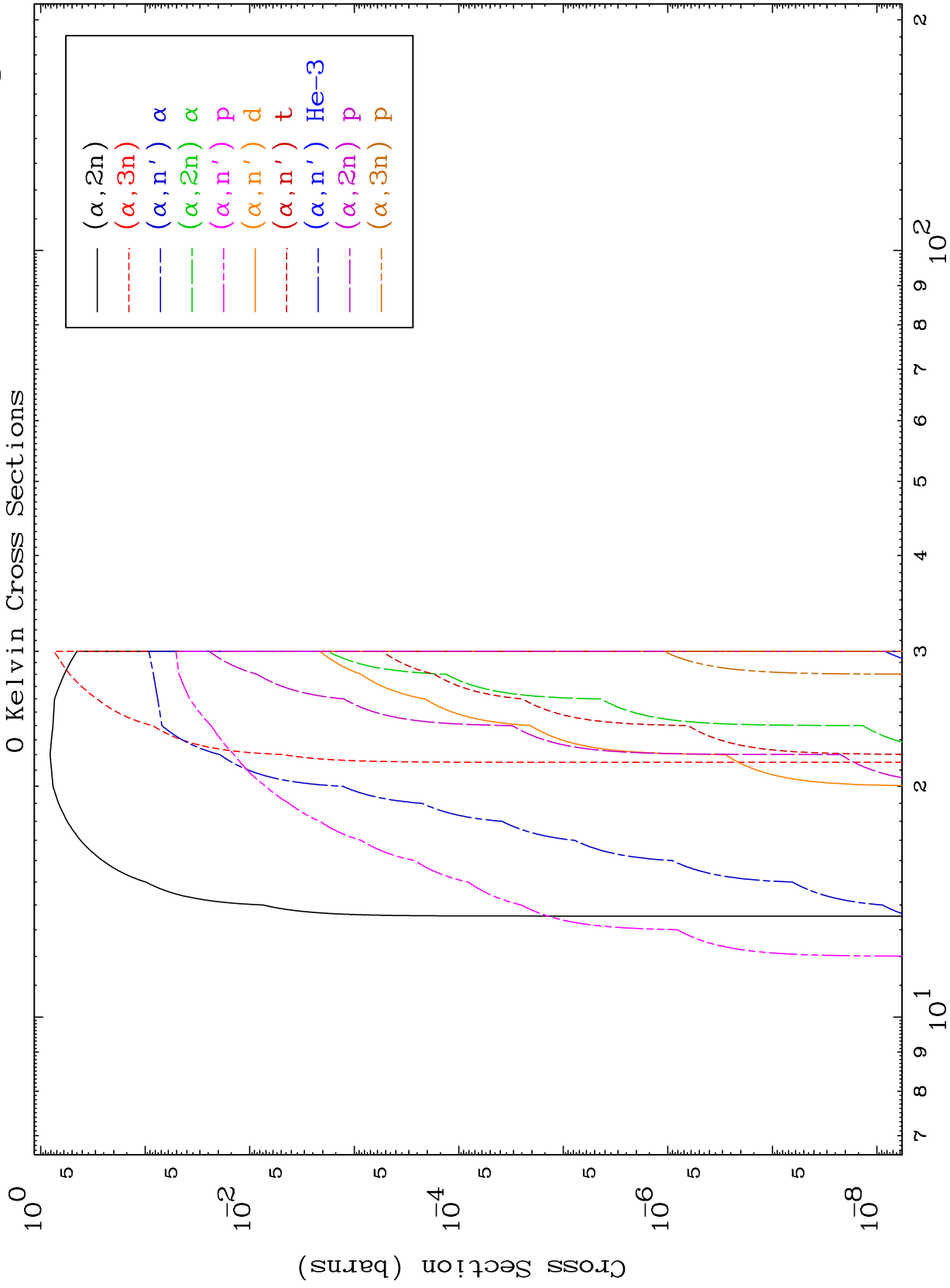
47-Ag-110



MAT 4735

α Neutron Production
0 Kelvin Cross Sections

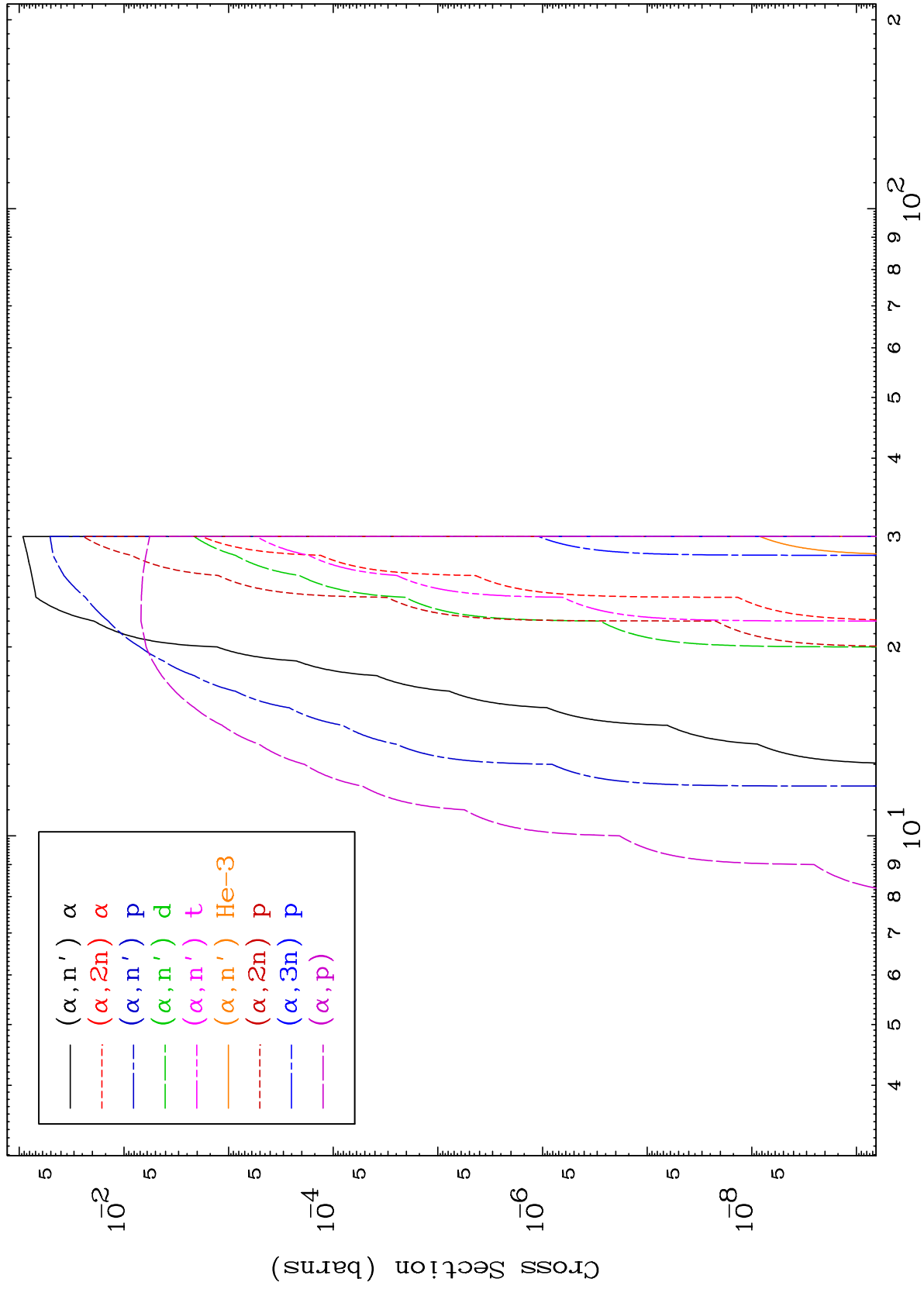
47-Ag-110



2

Incident Energy (MeV)

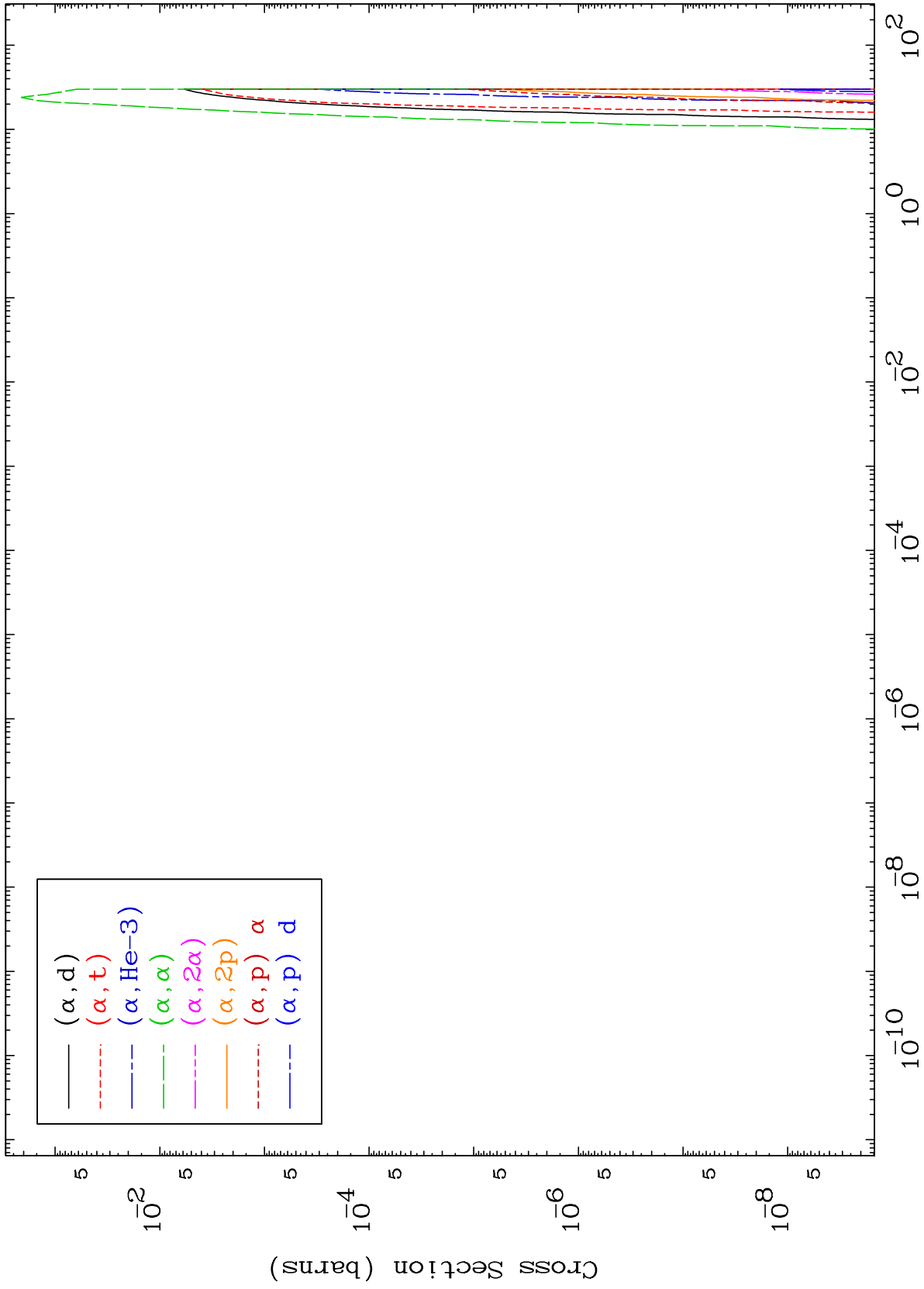
47-Ag-110



MAT 4735

α Charged Particle
0 Kelvin Cross Sections

47-Ag-110



4

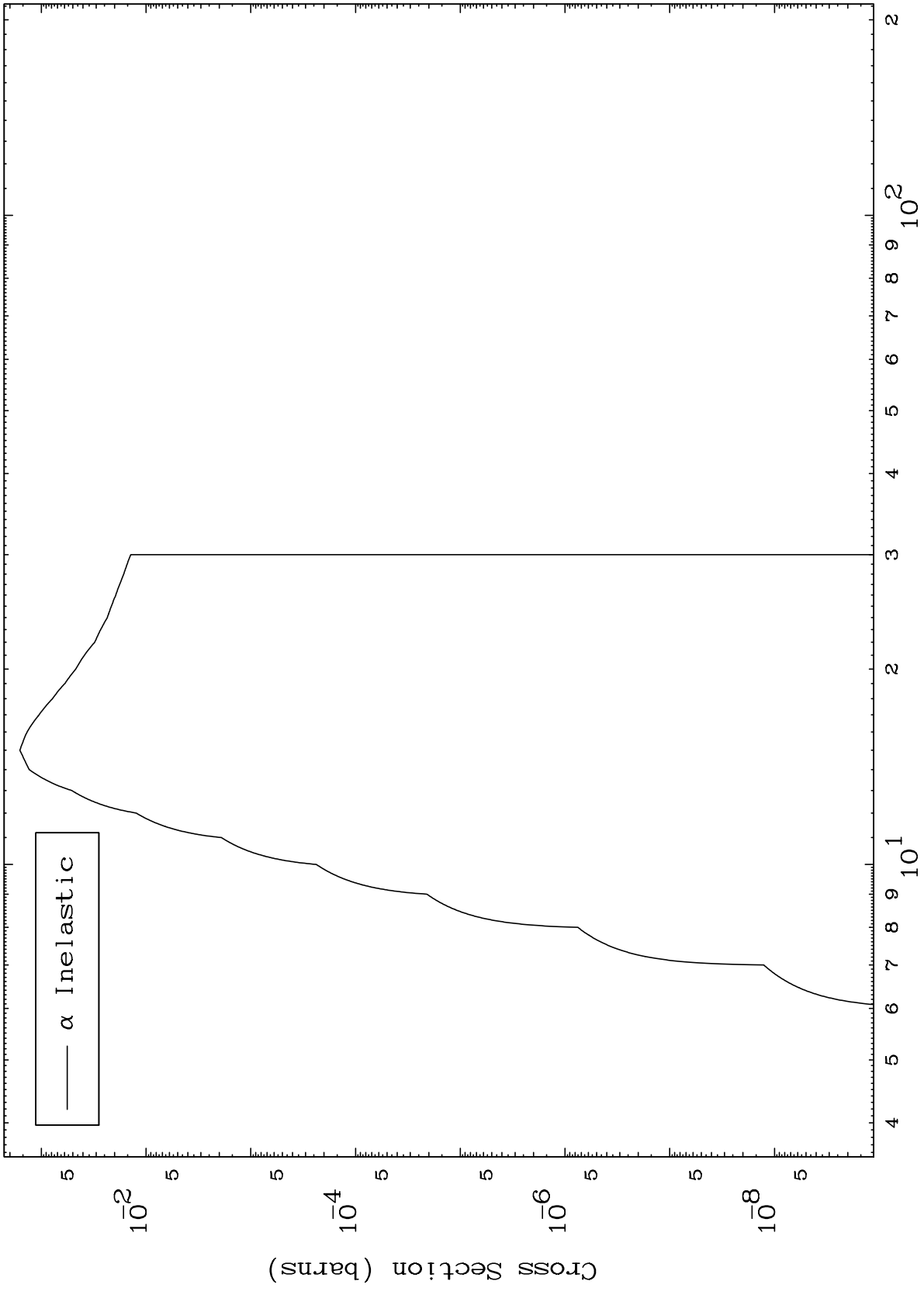
Incident Energy (MeV)

47-Ag-110

MAT 4735

(α, n') Level
0 Kelvin Cross Sections

47-Ag-110



5

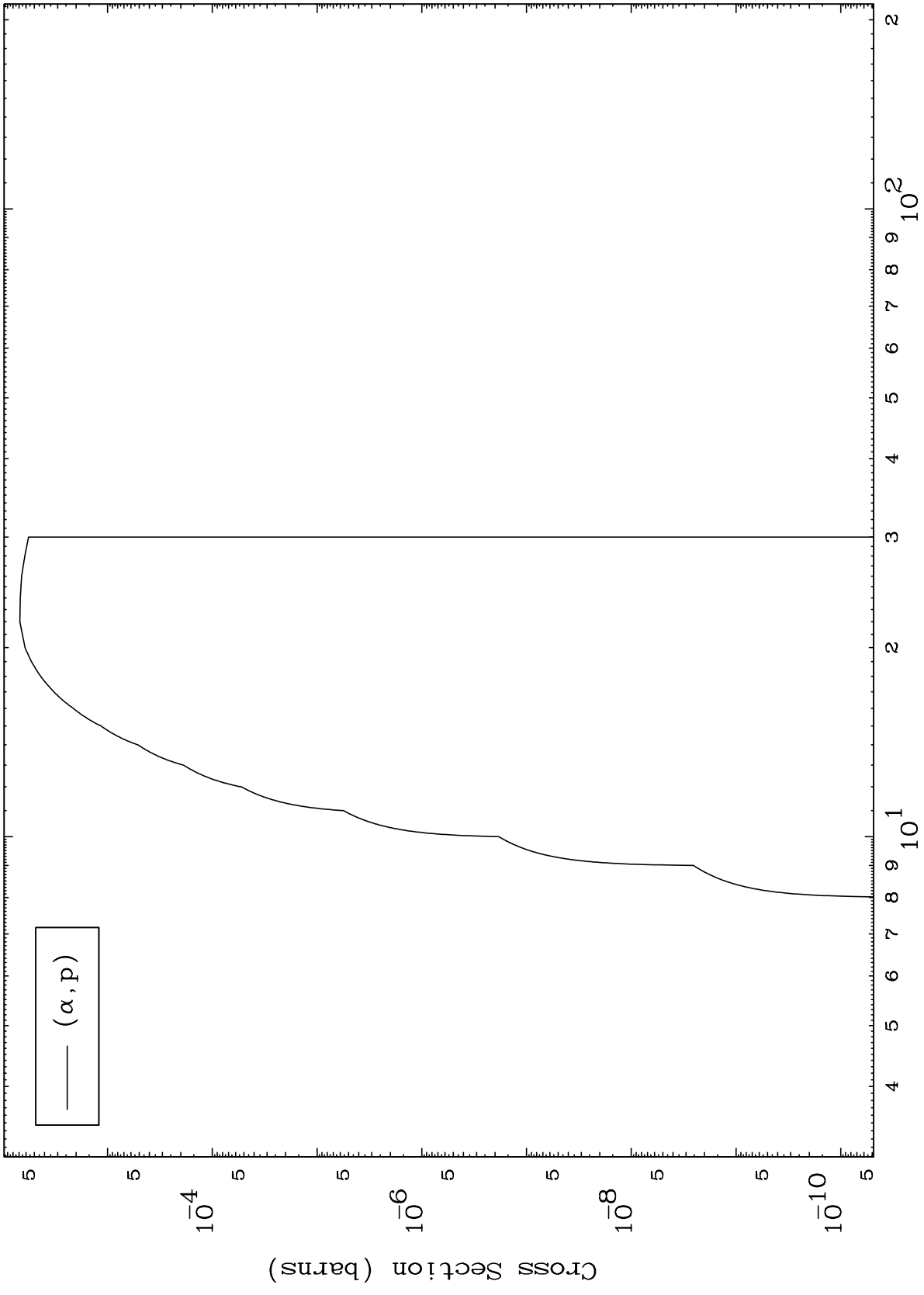
Incident Energy (MeV)

47-Ag-110

MAT 4735

(α, p) Levels
0 Kelvin Cross Sections

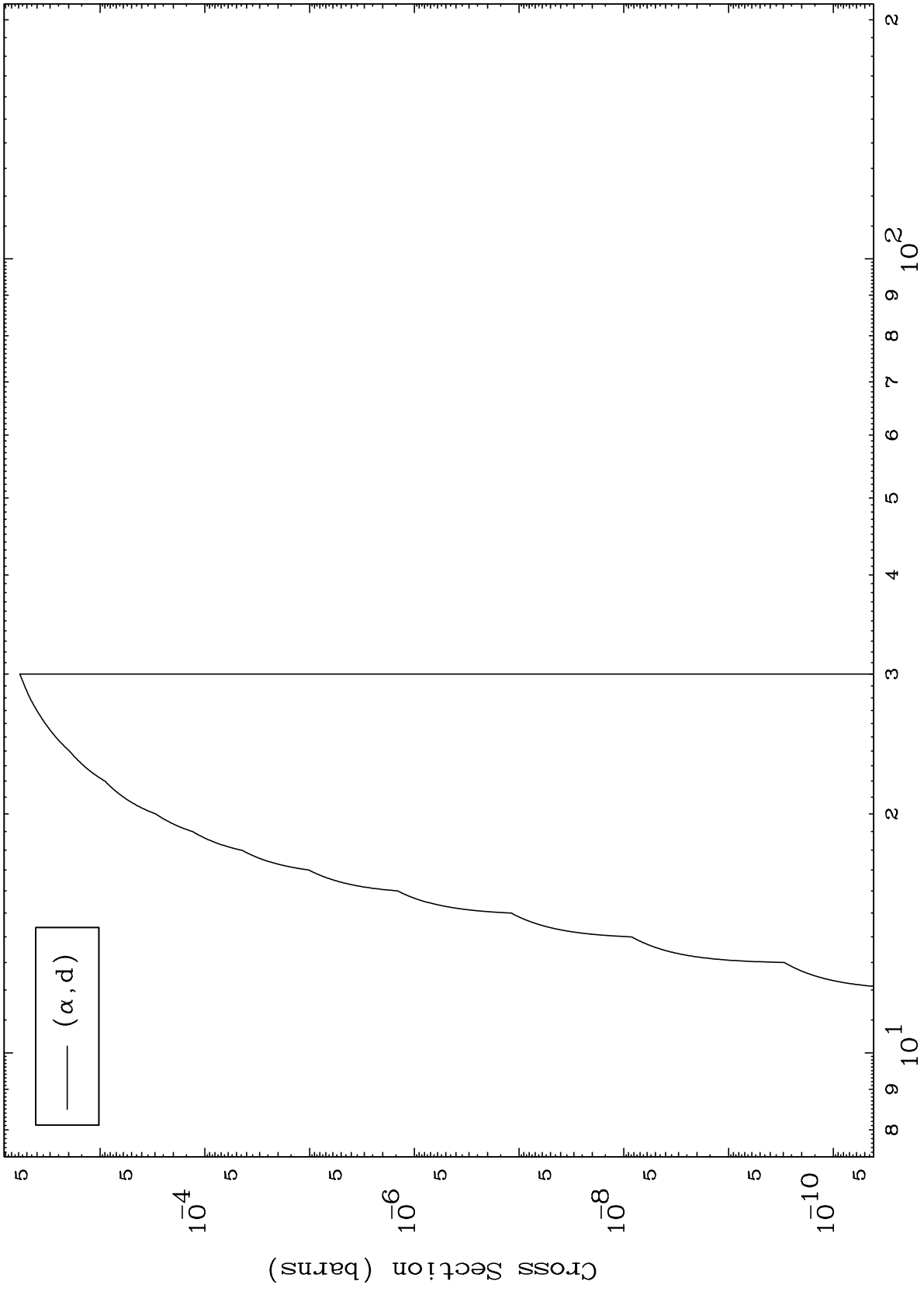
47-Ag-110



MAT 4735

(α, d) Levels
0 Kelvin Cross Sections

47-Ag-110



7

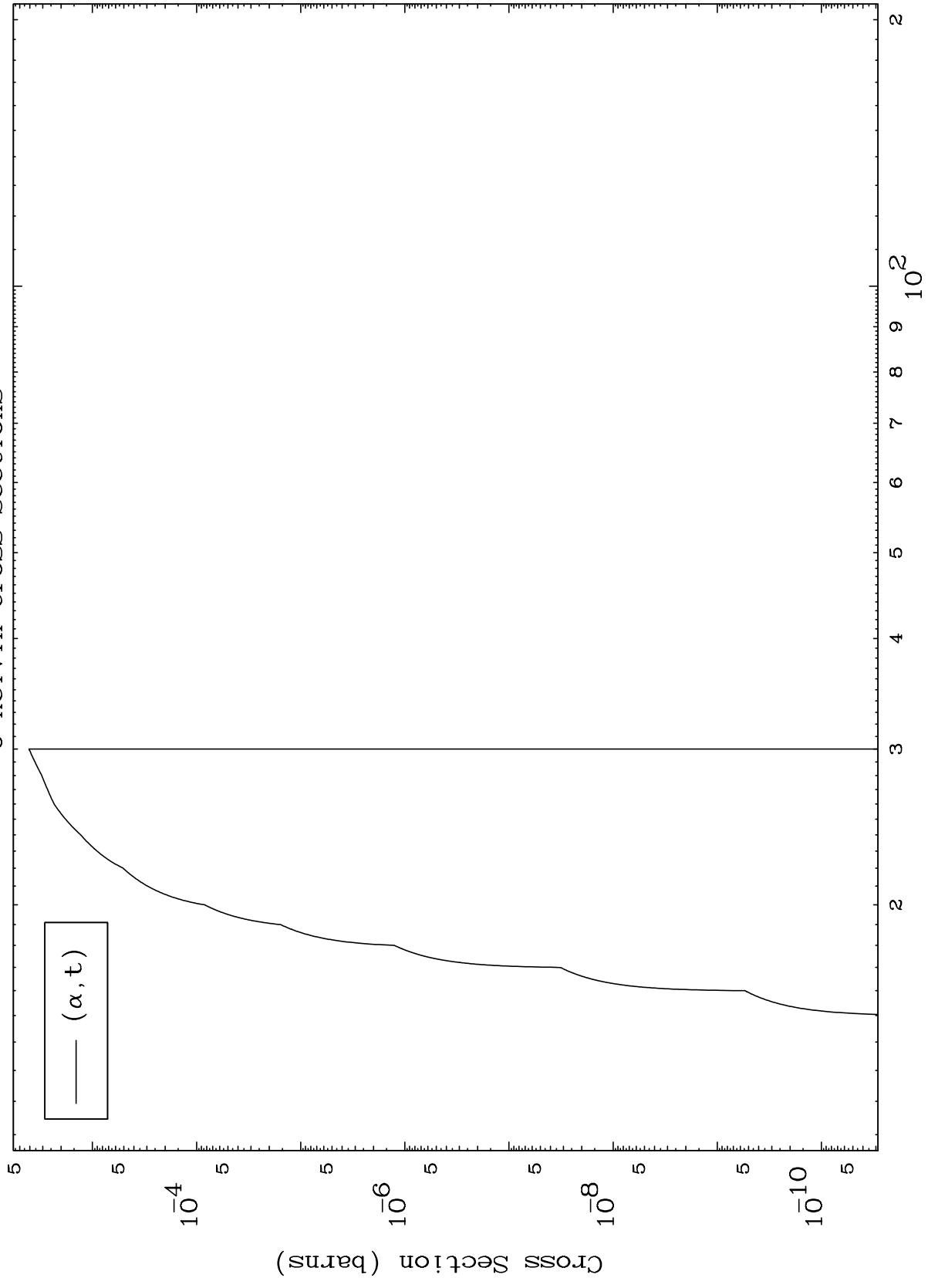
Incident Energy (MeV)

47-Ag-110

MAT 4735

(α, t) Levels
0 Kelvin Cross Sections

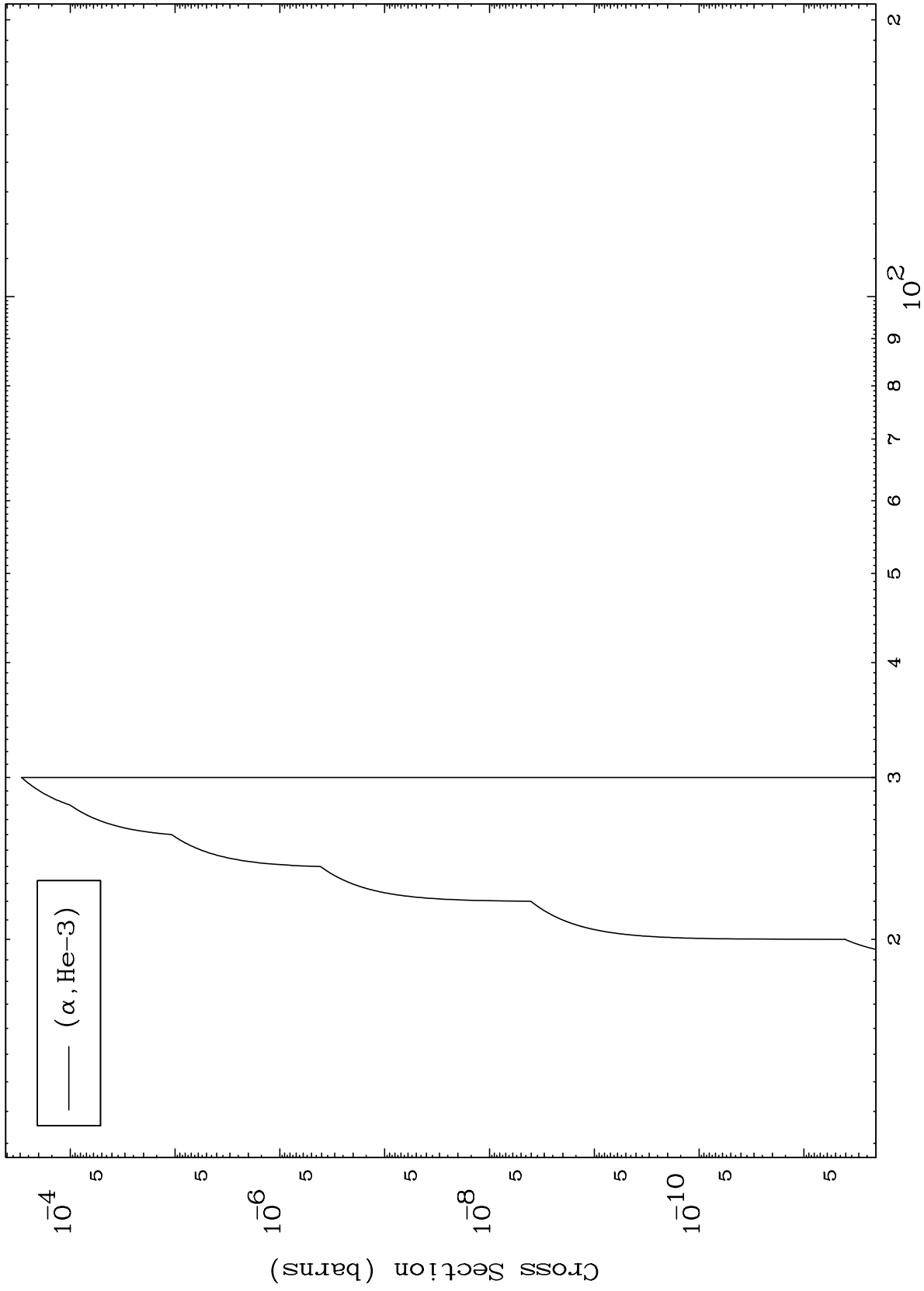
47-Ag-110



8

Incident Energy (MeV)

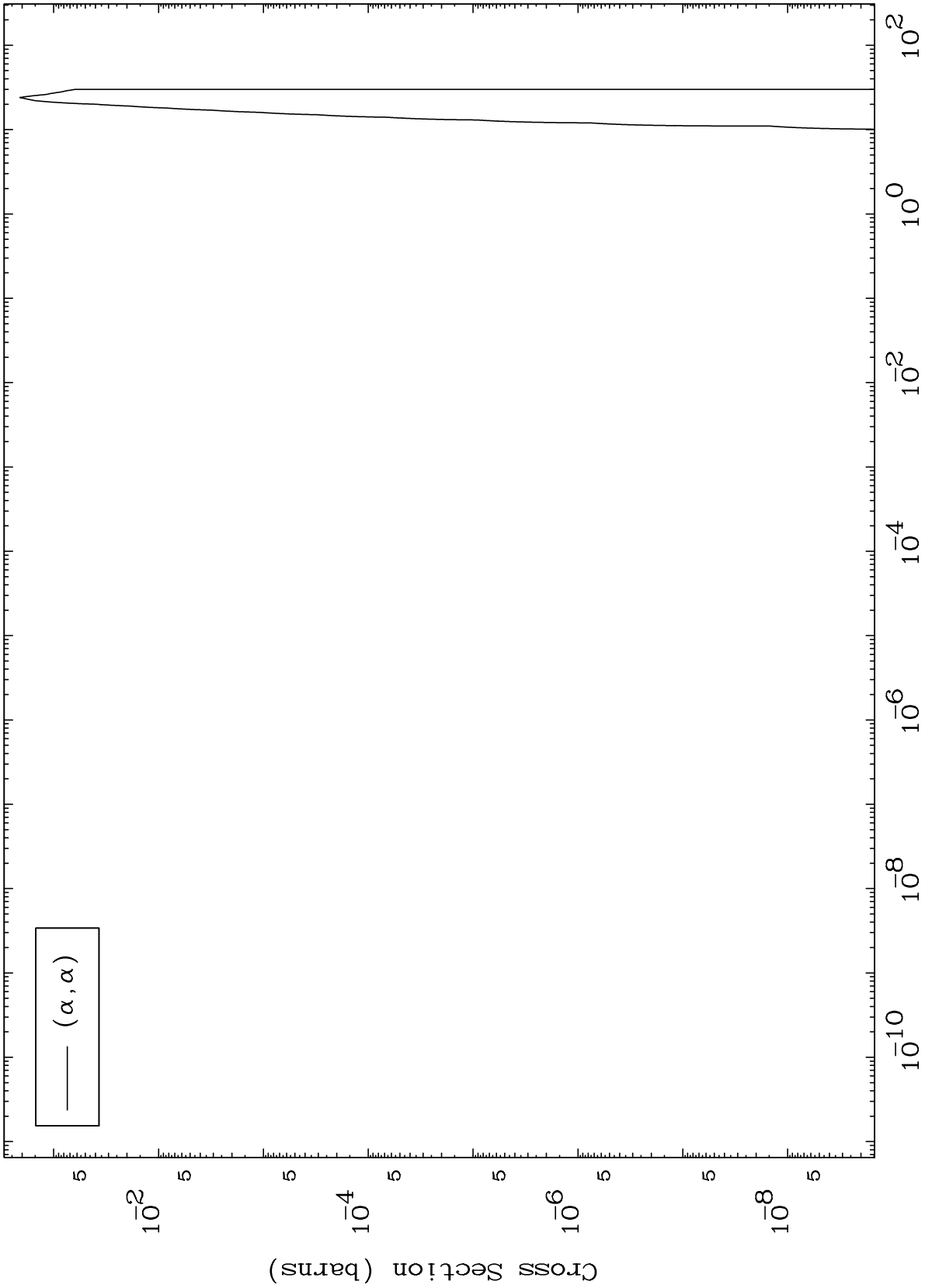
47-Ag-110



MAT 4735

(α, α) Levels
0 Kelvin Cross Sections

47-Ag-110



10

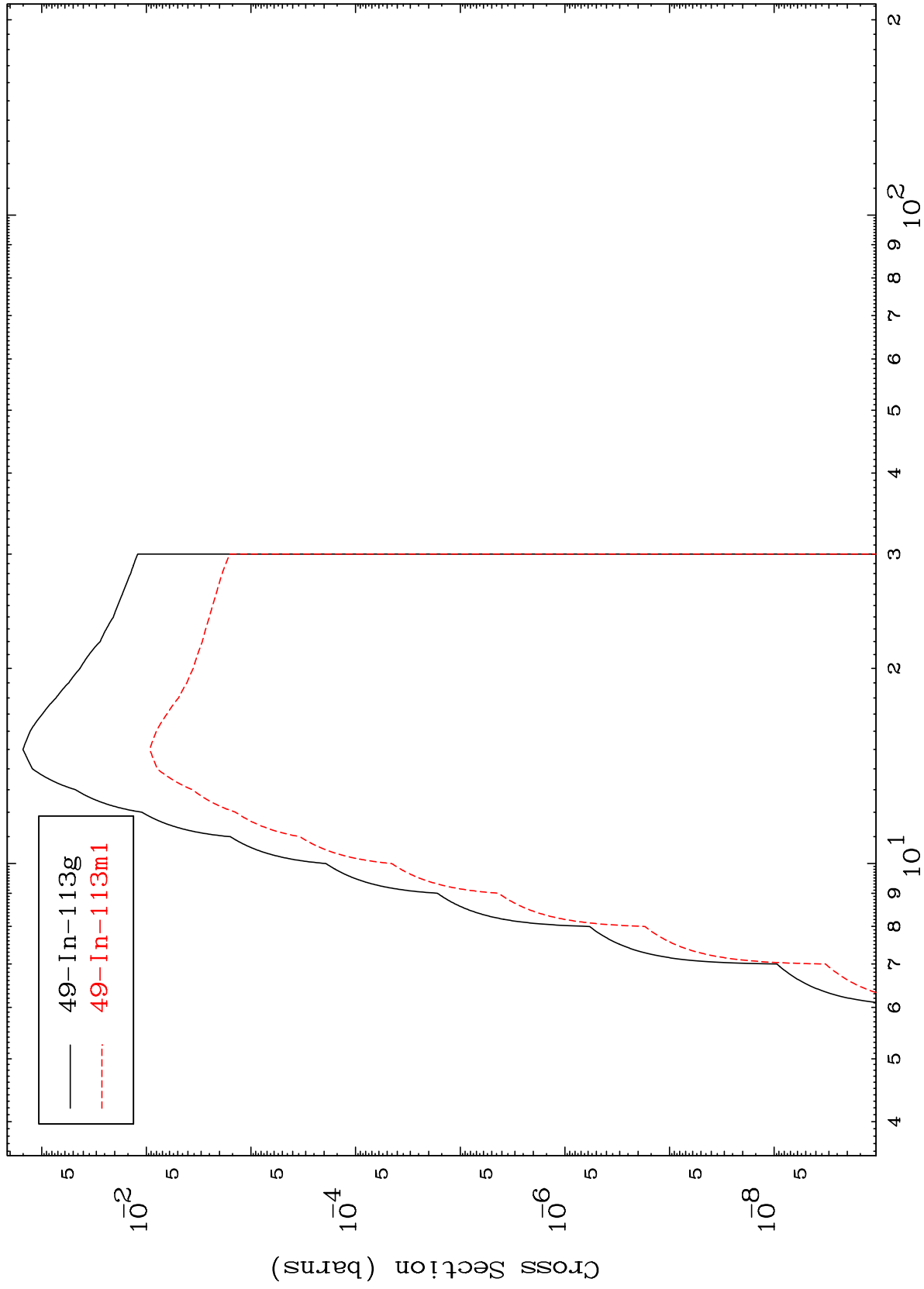
Incident Energy (MeV)

47-Ag-110

MAT 4735

Radionuclide Production Cross Section

47-Ag-110



11

Incident Energy (MeV)

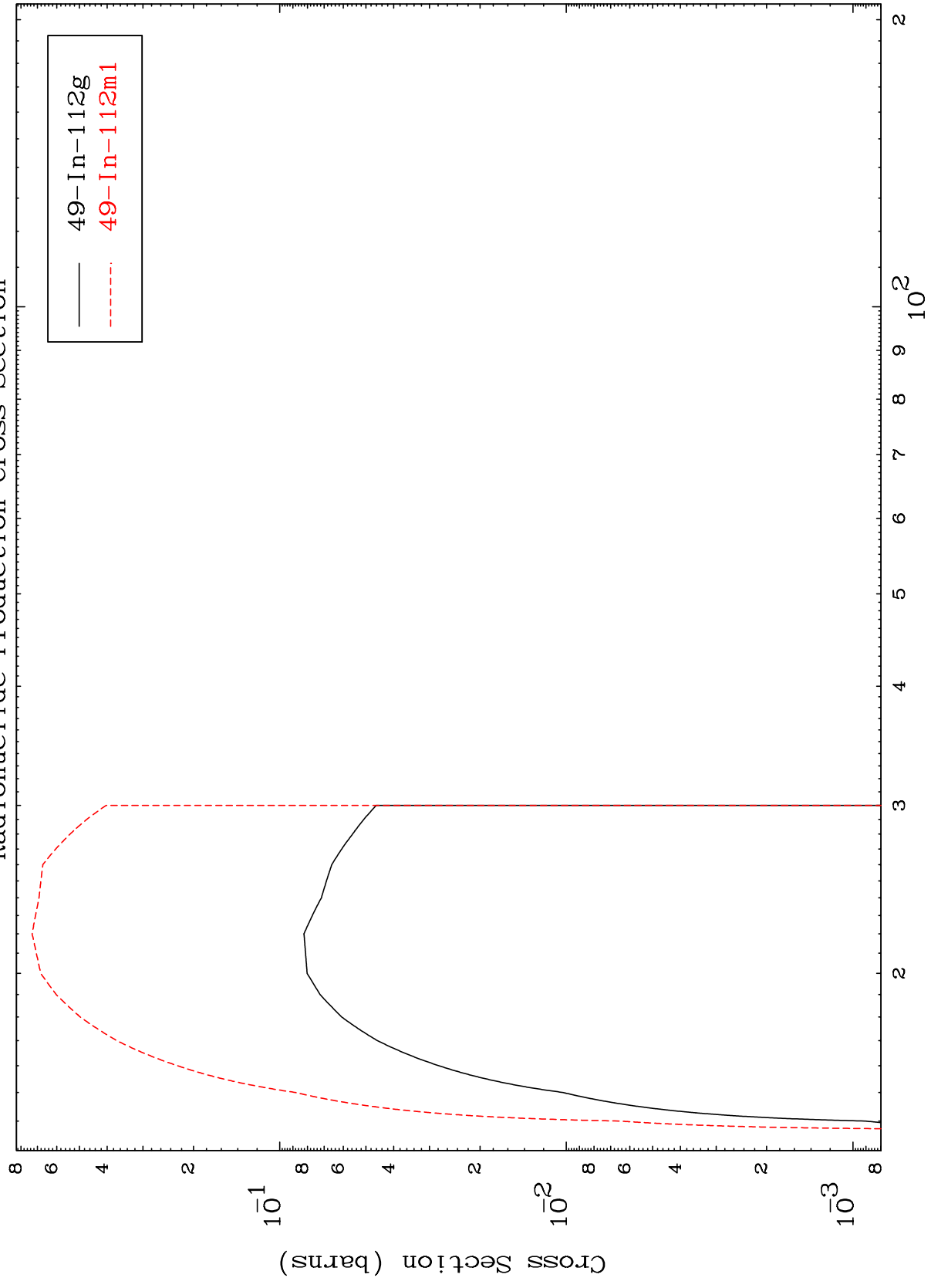
47-Ag-110

MAT 4735

($\alpha, 2n$)

47-Ag-110

Radionuclide Production Cross Section



12

Incident Energy (MeV)

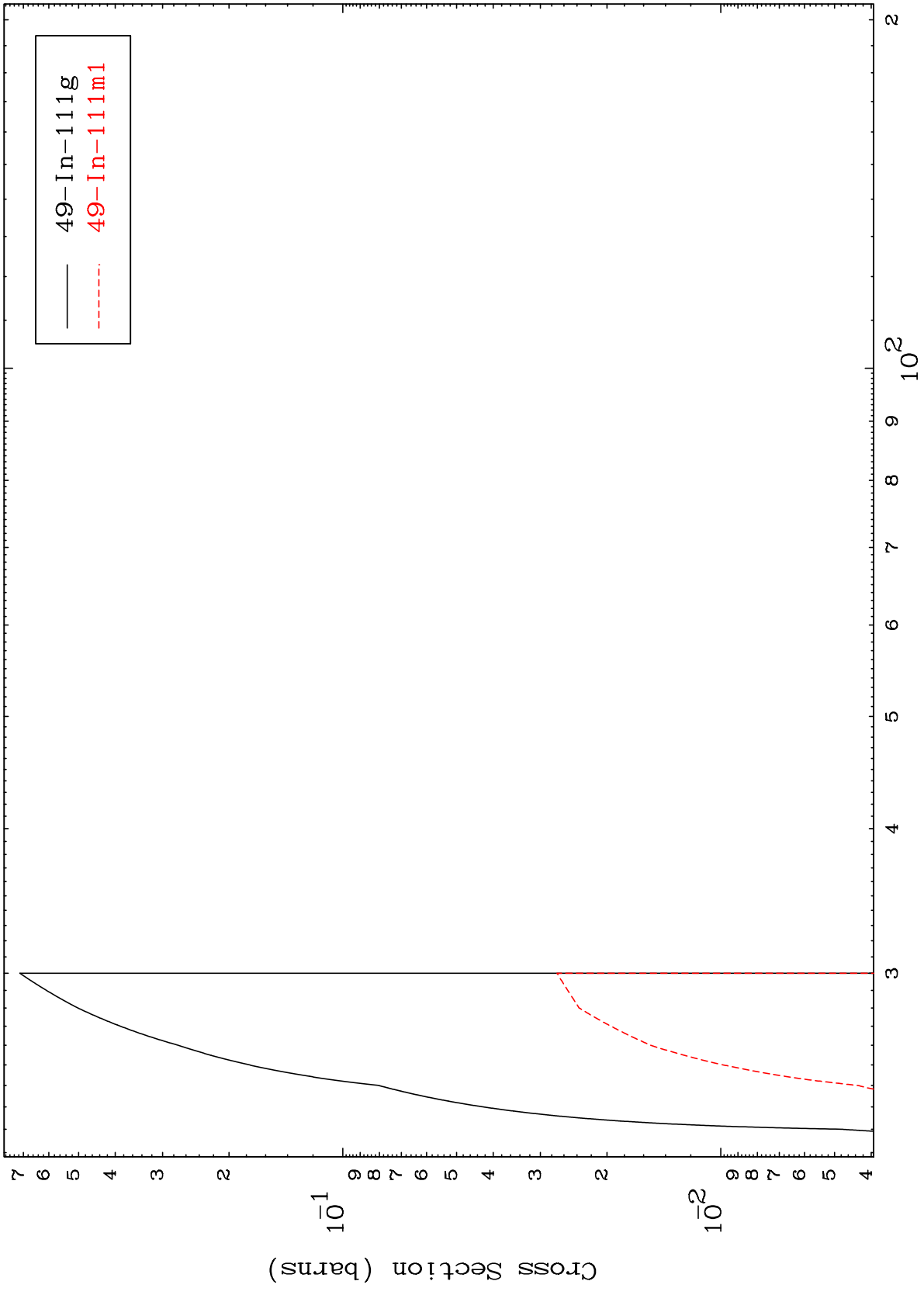
47-Ag-110

MAT 4735

($\alpha, 3n$)

47-Ag-110

Radionuclide Production Cross Section



13

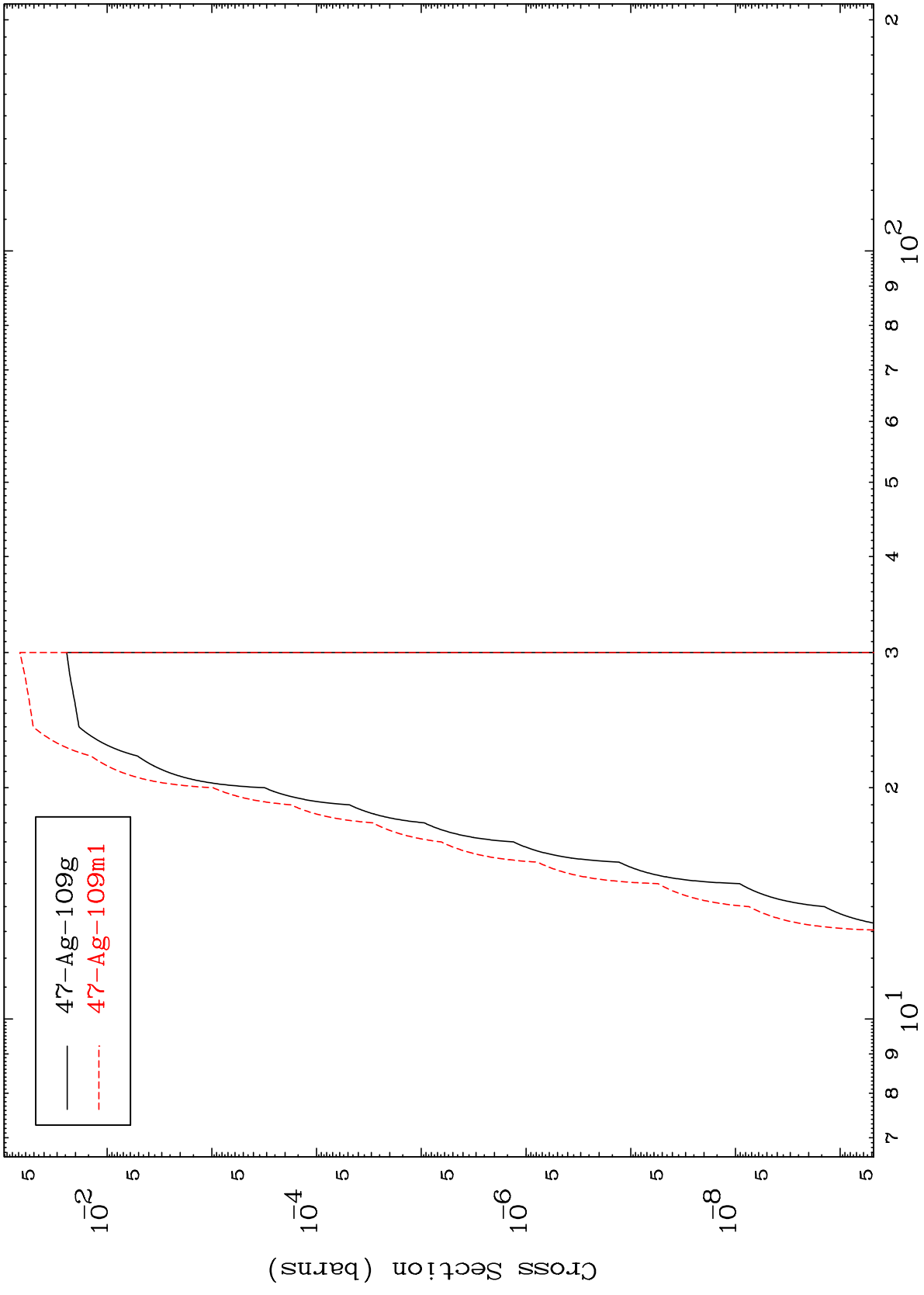
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

(α, n') α
Radionuclide Production Cross Section



— 47-Ag-109g
- - - 47-Ag-109m1

14

Incident Energy (MeV)

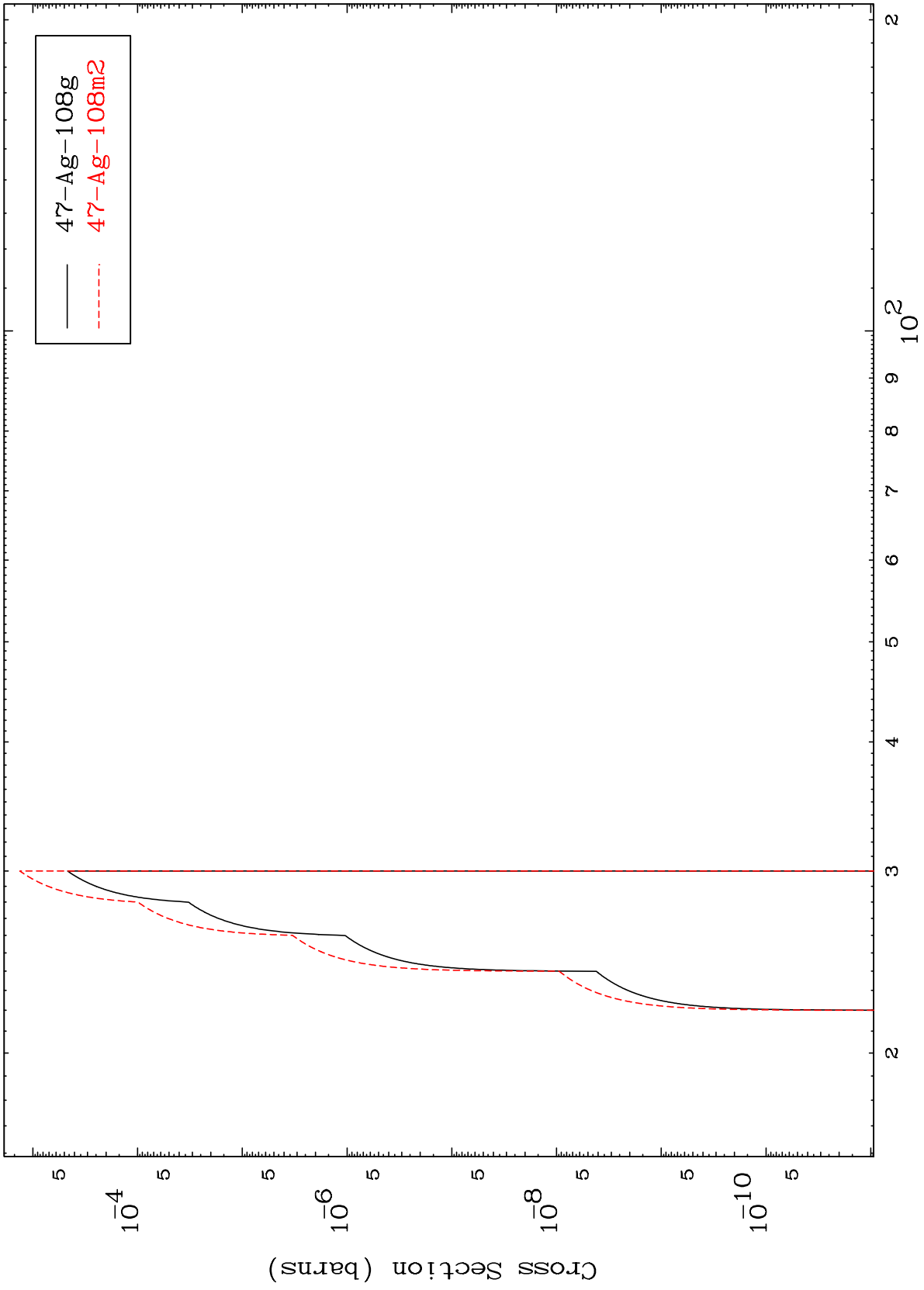
47-Ag-110

MAT 4735

($\alpha, 2n$) α

47-Ag-110

Radionuclide Production Cross Section



15

Incident Energy (MeV)

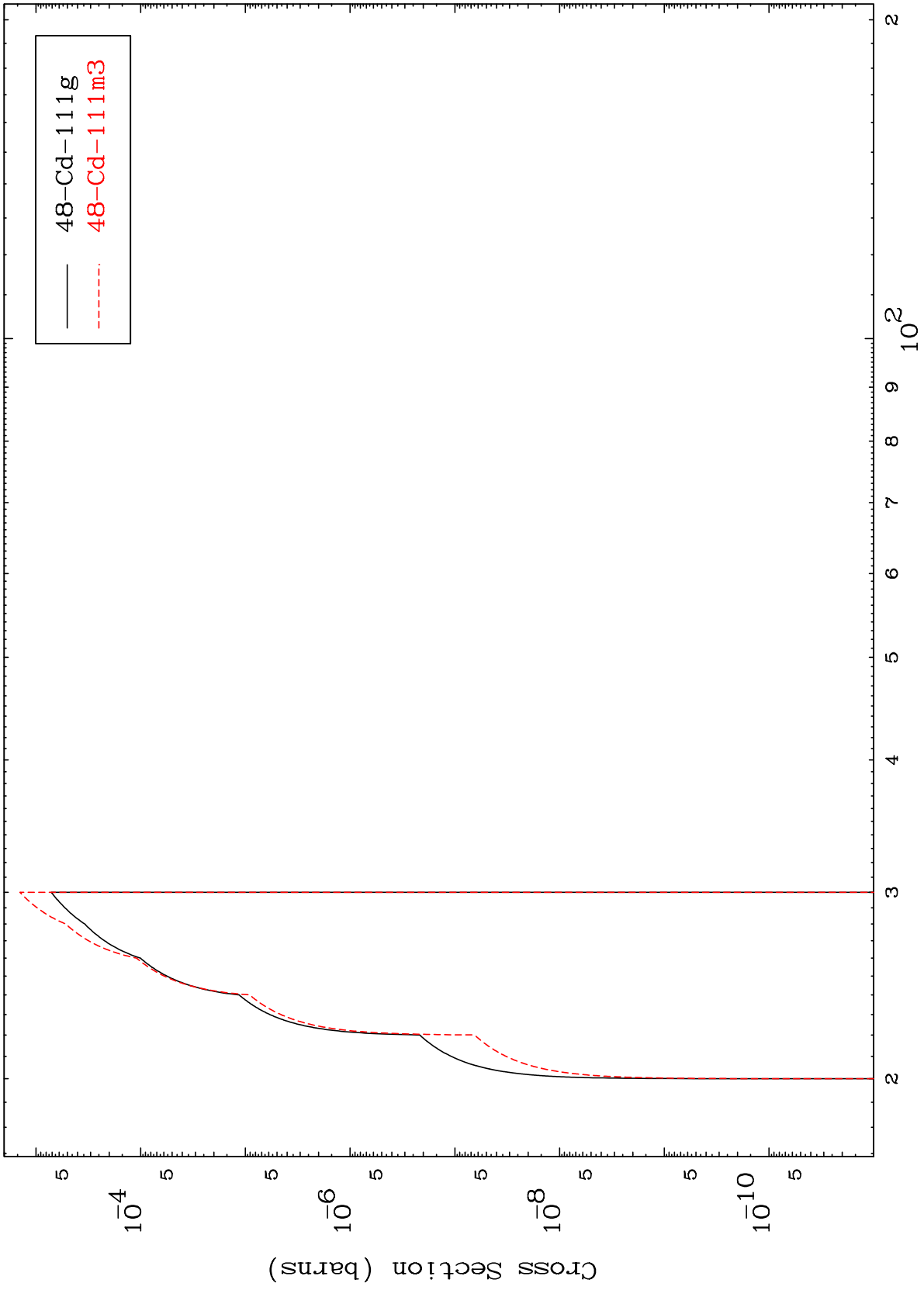
47-Ag-110

MAT 4735

(α, n') d

47-Ag-110

Radionuclide Production Cross Section



16

Incident Energy (MeV)

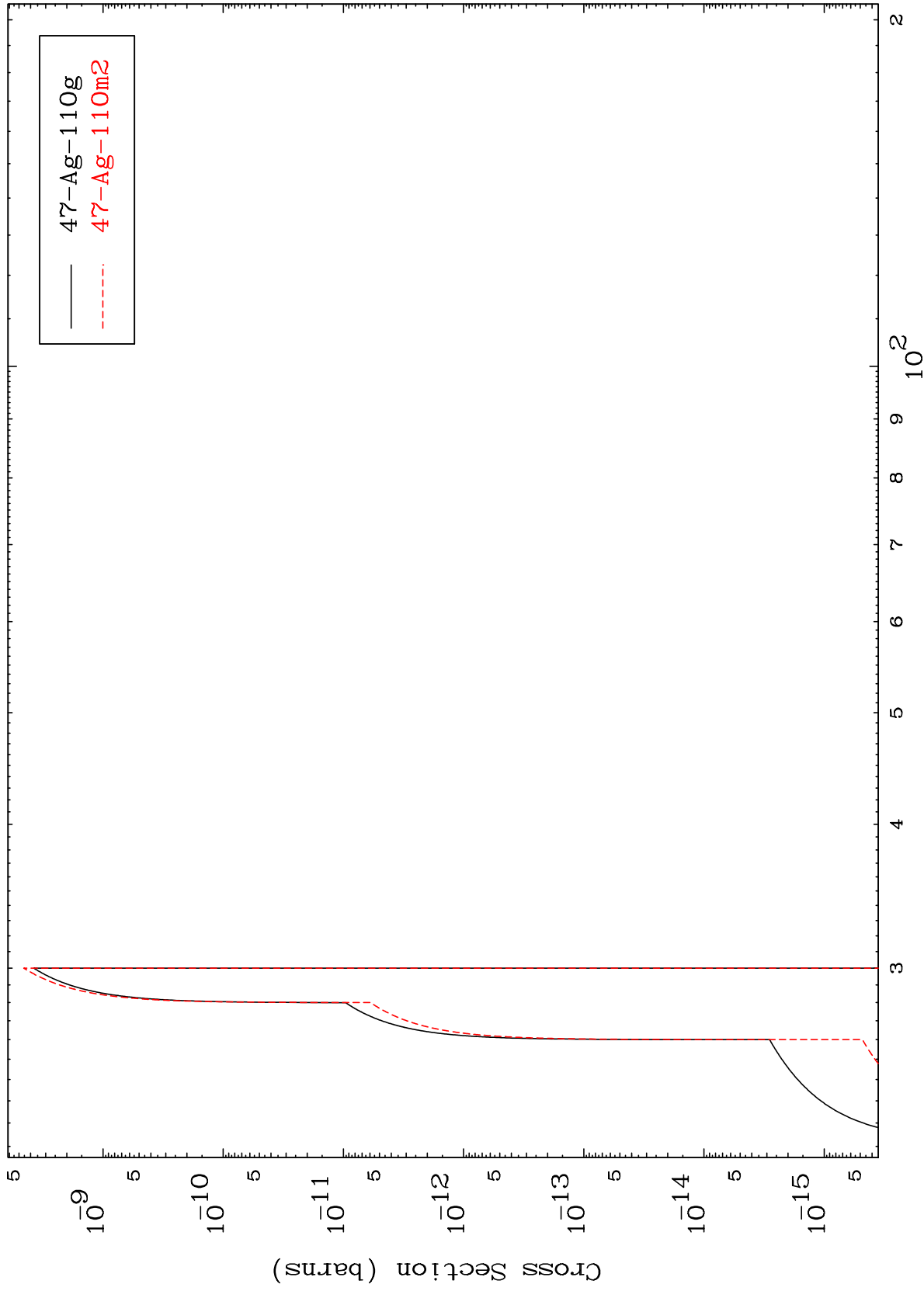
47-Ag-110

MAT 4735

(α, n') He-3

47-Ag-110

Radionuclide Production Cross Section



17

Incident Energy (MeV)

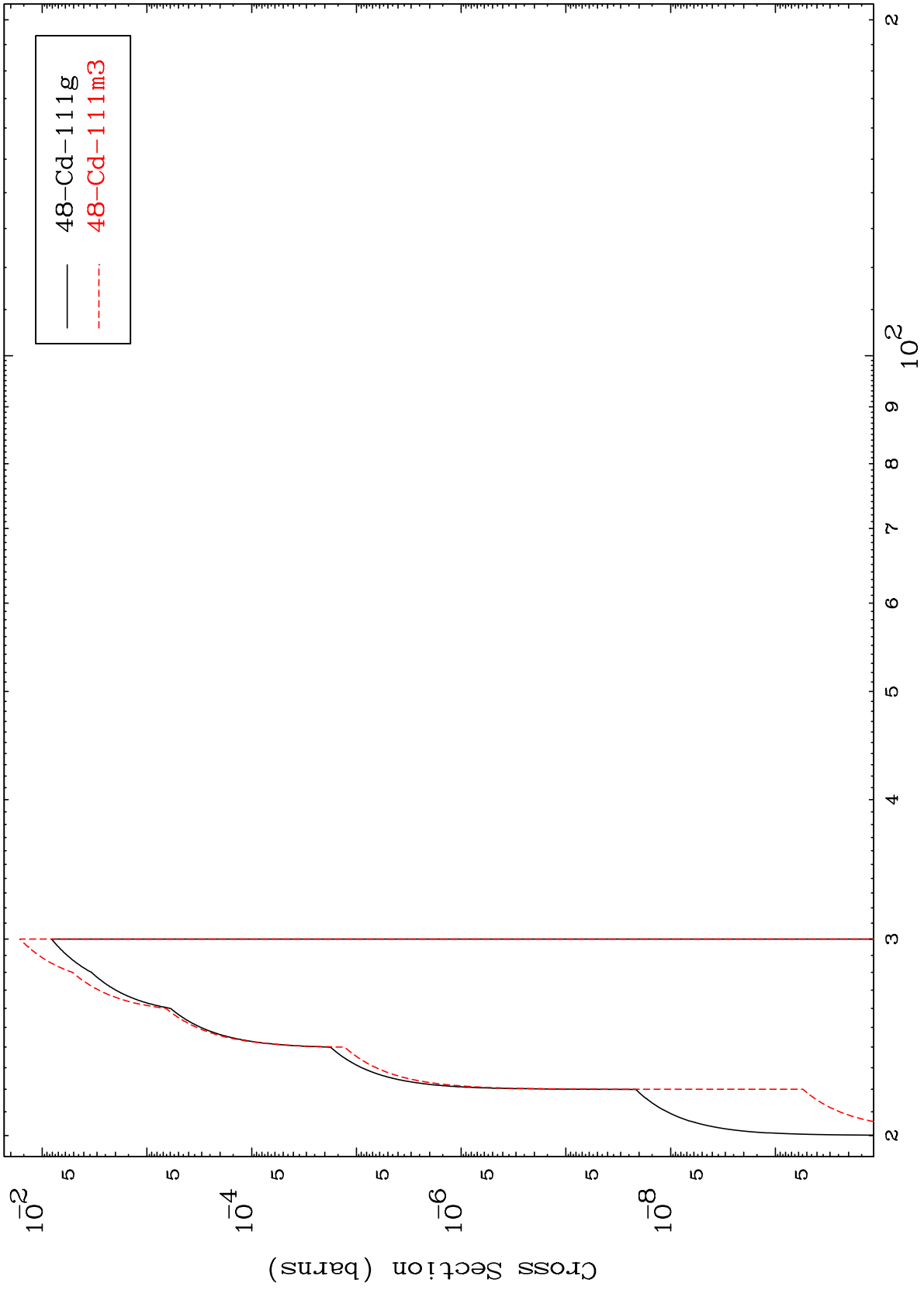
47-Ag-110

MAT 4735

($\alpha, 2n$) p

47-Ag-110

Radionuclide Production Cross Section



18

Incident Energy (MeV)

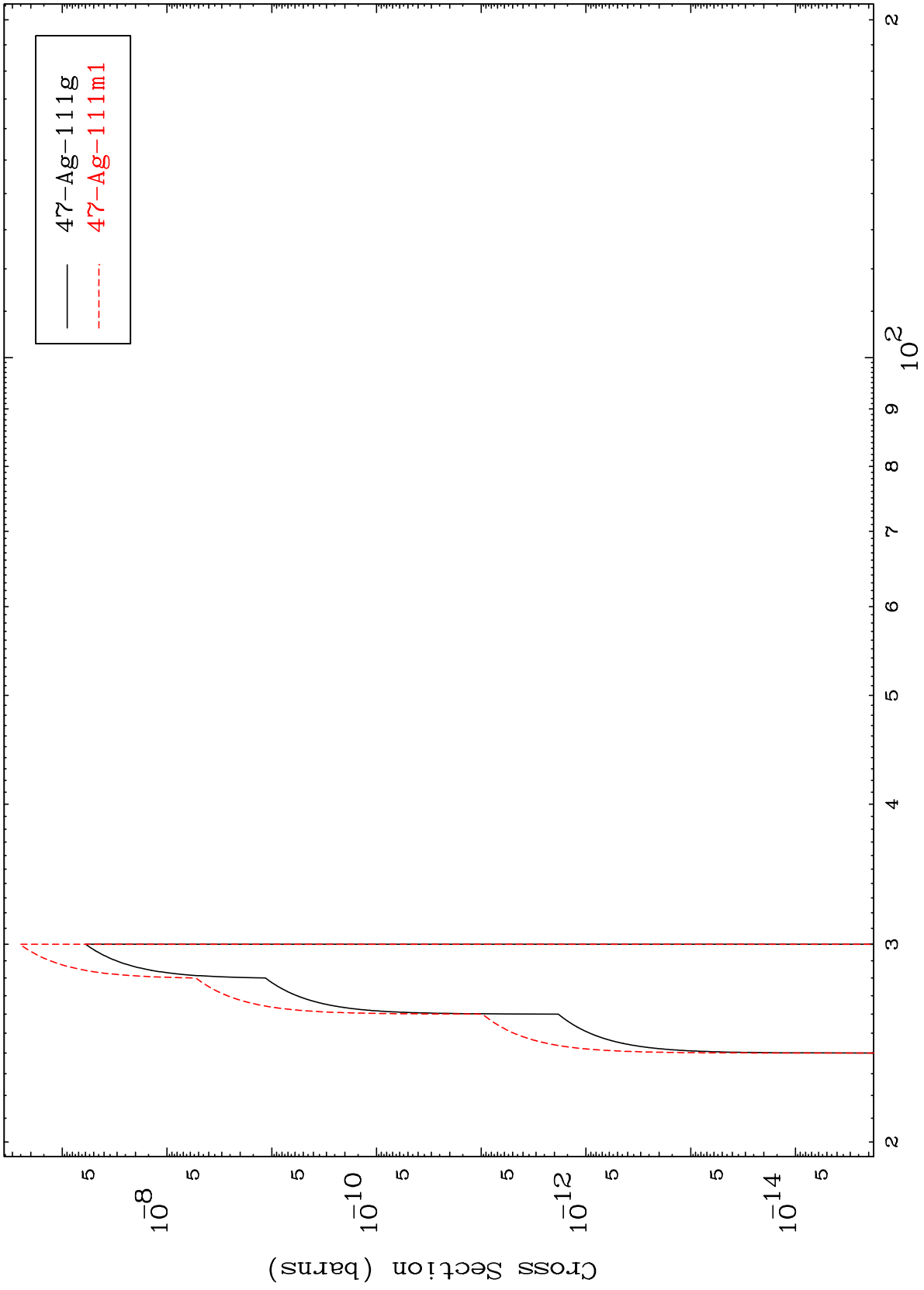
47-Ag-110

MAT 4735

($\alpha, 2n$) p

47-Ag-110

Radionuclide Production Cross Section



19

Incident Energy (MeV)

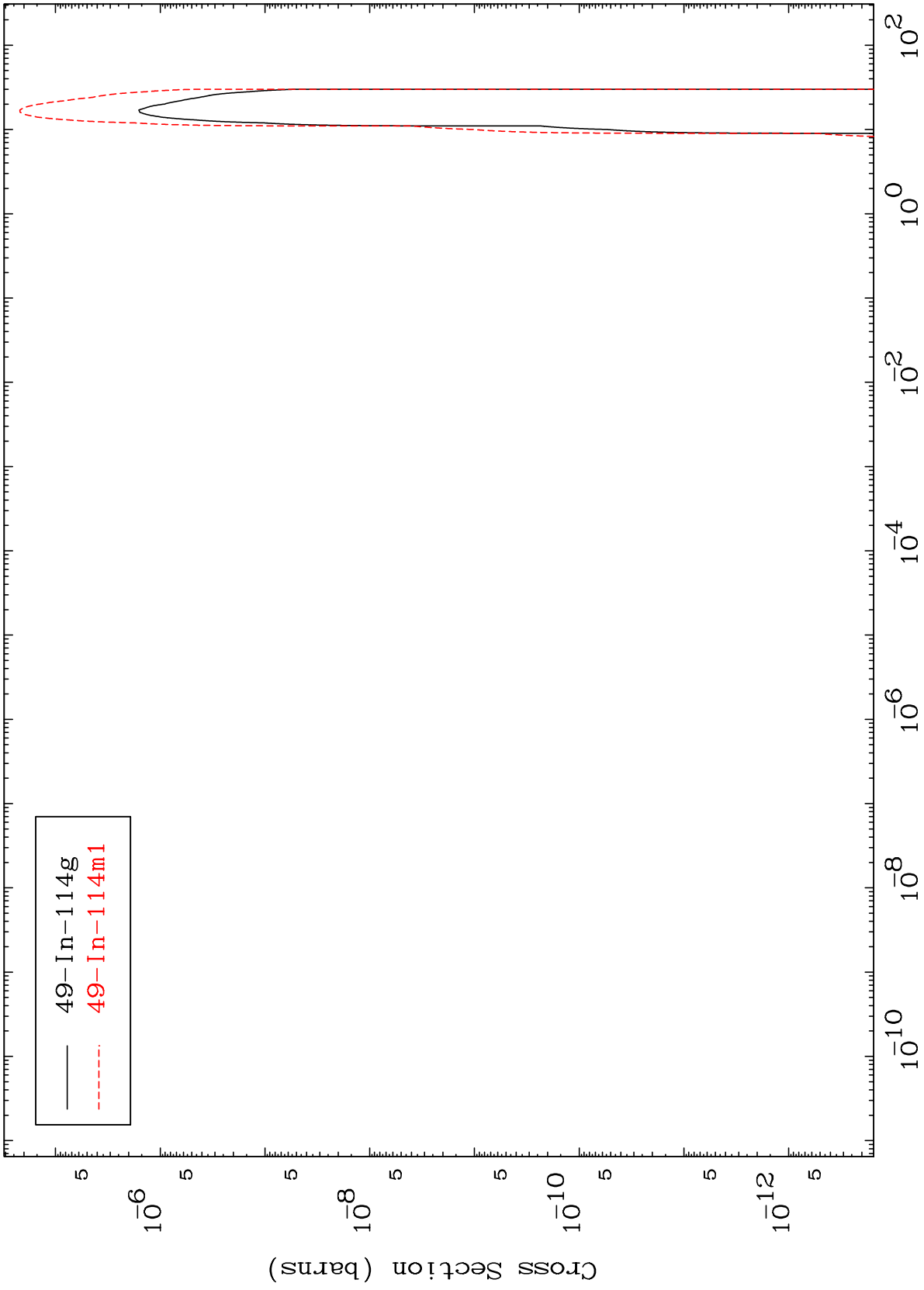
47-Ag-110

MAT 4735

(α, γ)

47-Ag-110

Radionuclide Production Cross Section



20

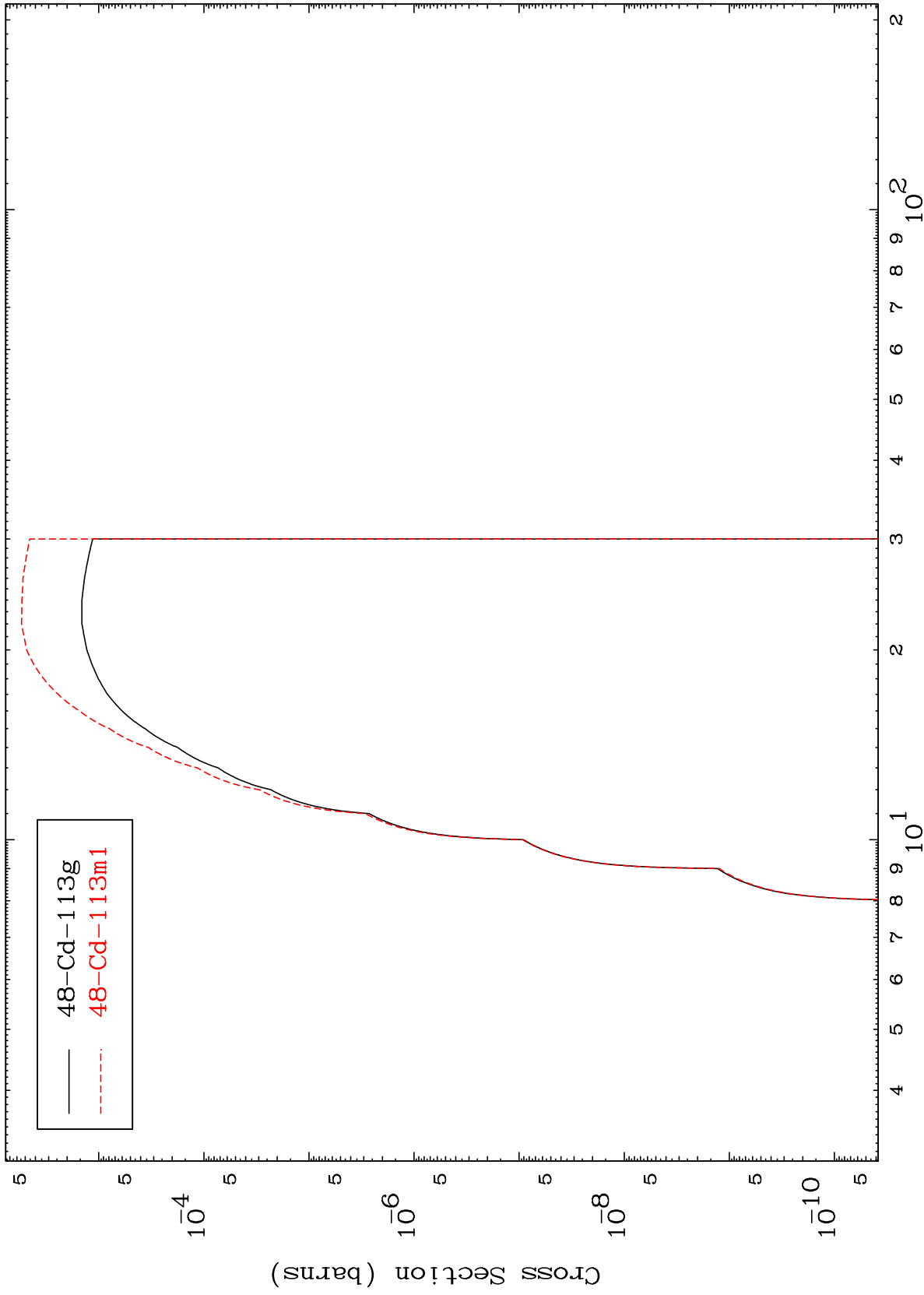
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

(α, p)
Radionuclide Production Cross Section



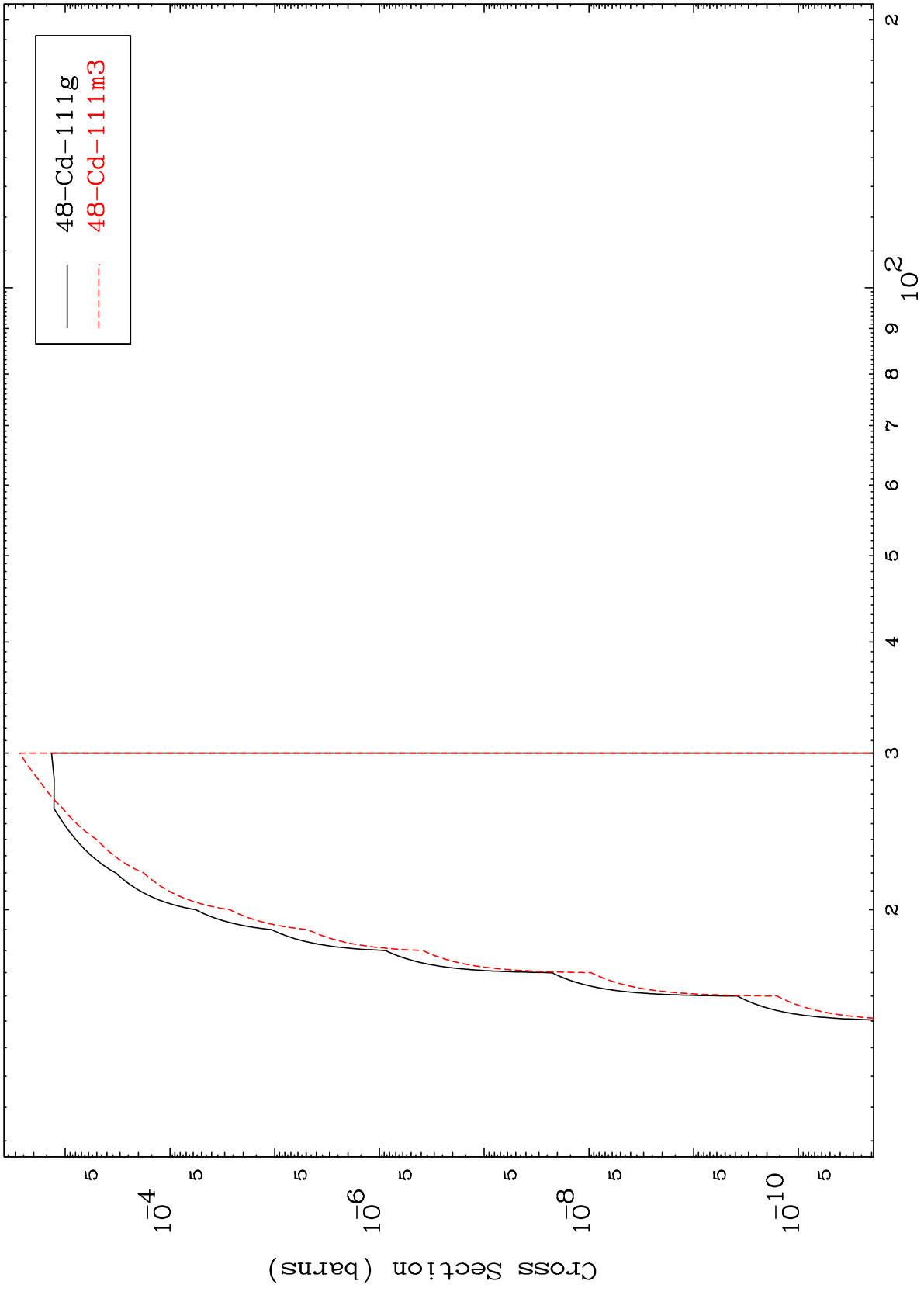
21

47-Ag-110

MAT 4735

47-Ag-110

(α, t)
Radionuclide Production Cross Section



22

47-Ag-110

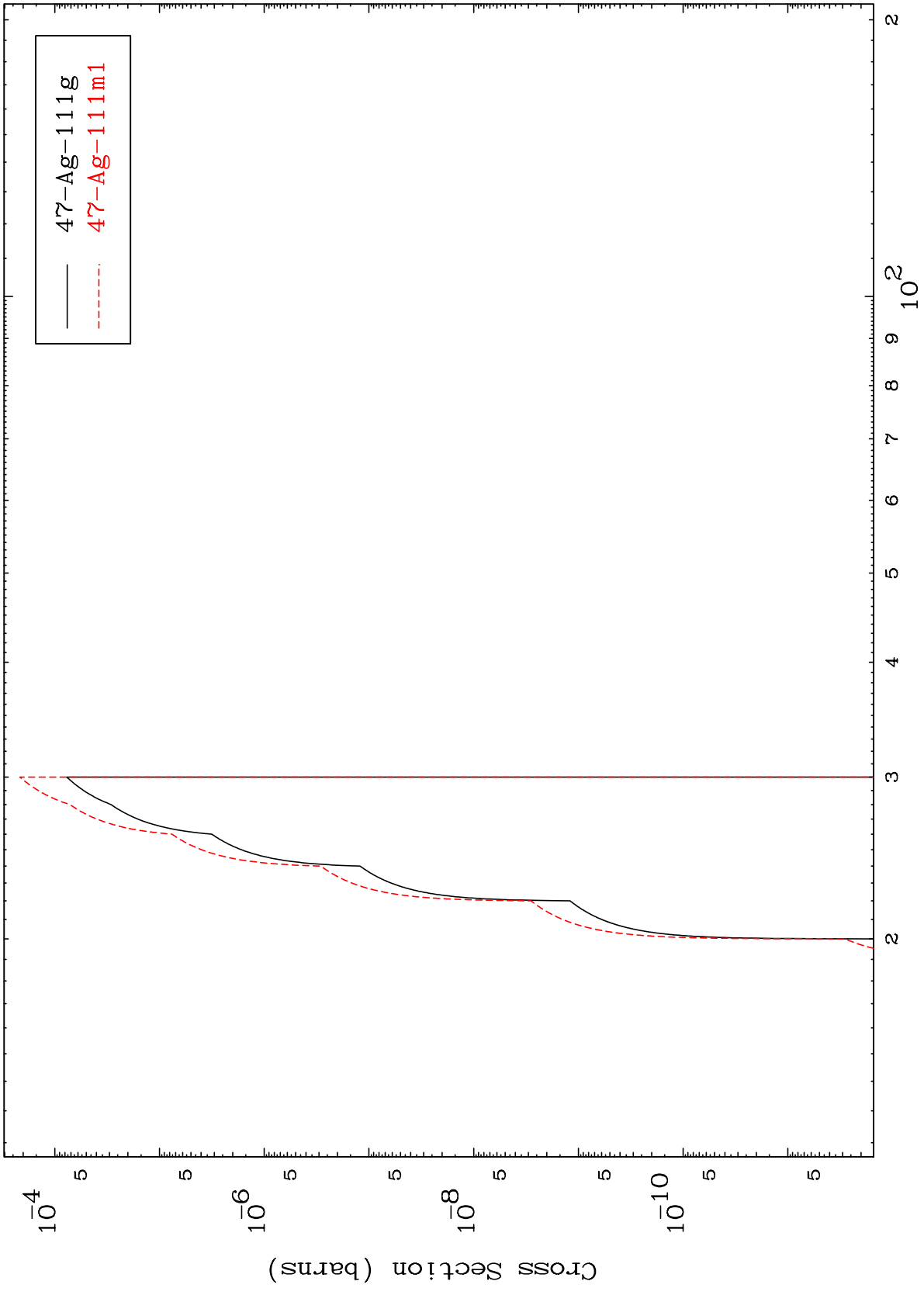
Incident Energy (MeV)

MAT 4735

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

47-Ag-110

Radionuclide Production Cross Section



23

Incident Energy (MeV)

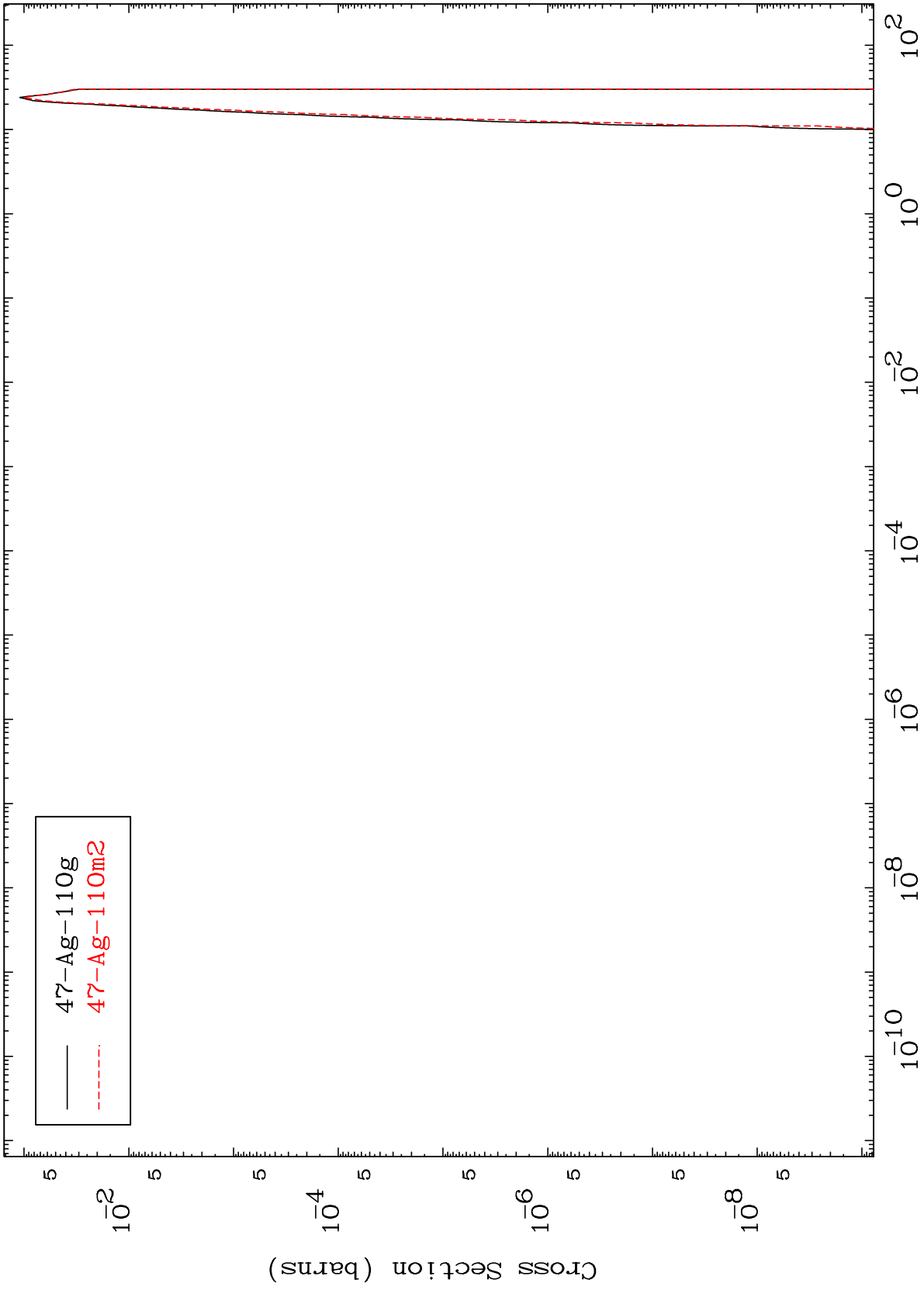
47-Ag-110

MAT 4735

(α, α)

47-Ag-110

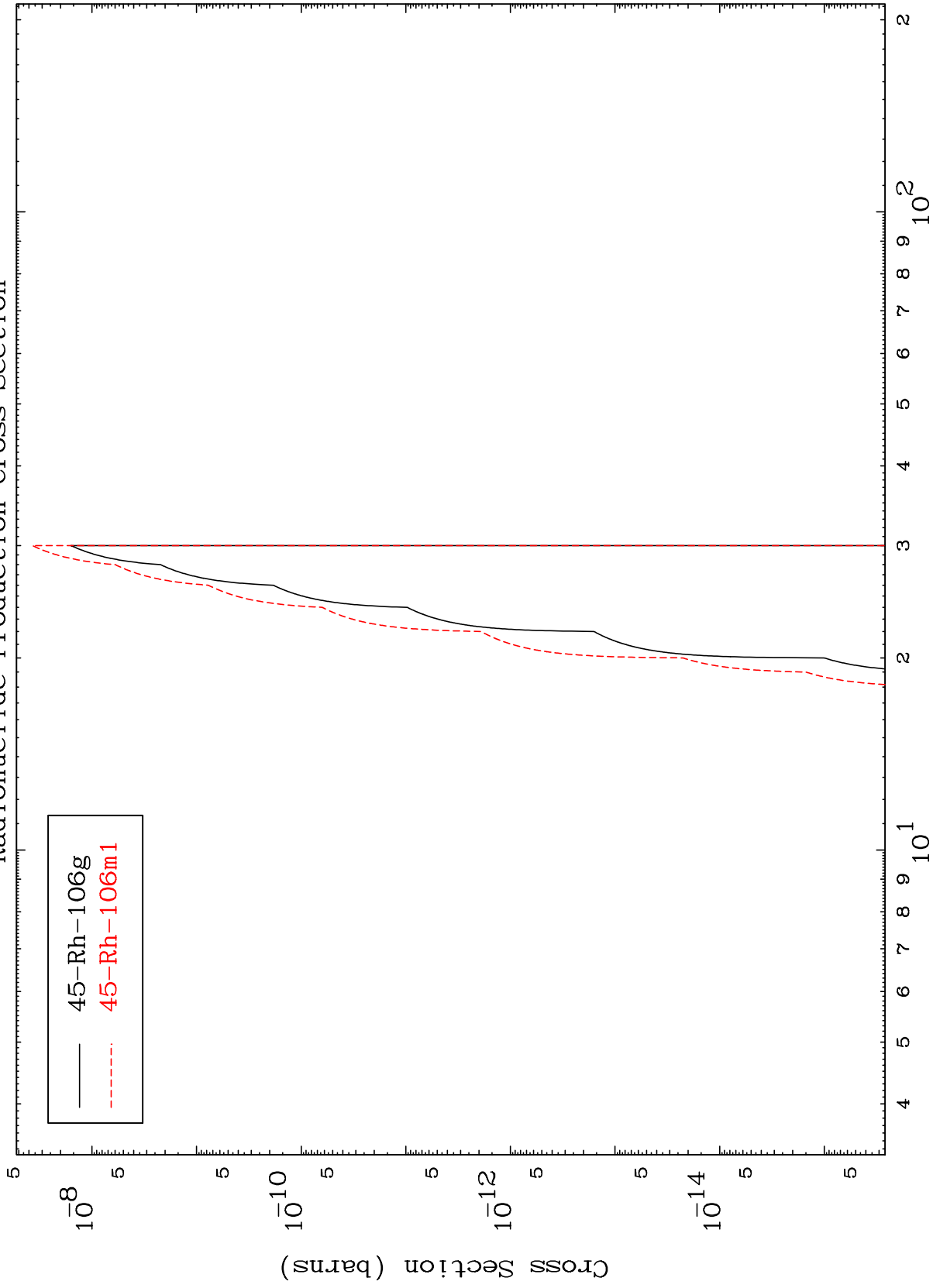
Radionuclide Production Cross Section



MAT 4735

47-Ag-110

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



— 45-Rh-106g
- - - 45-Rh-106m1

25

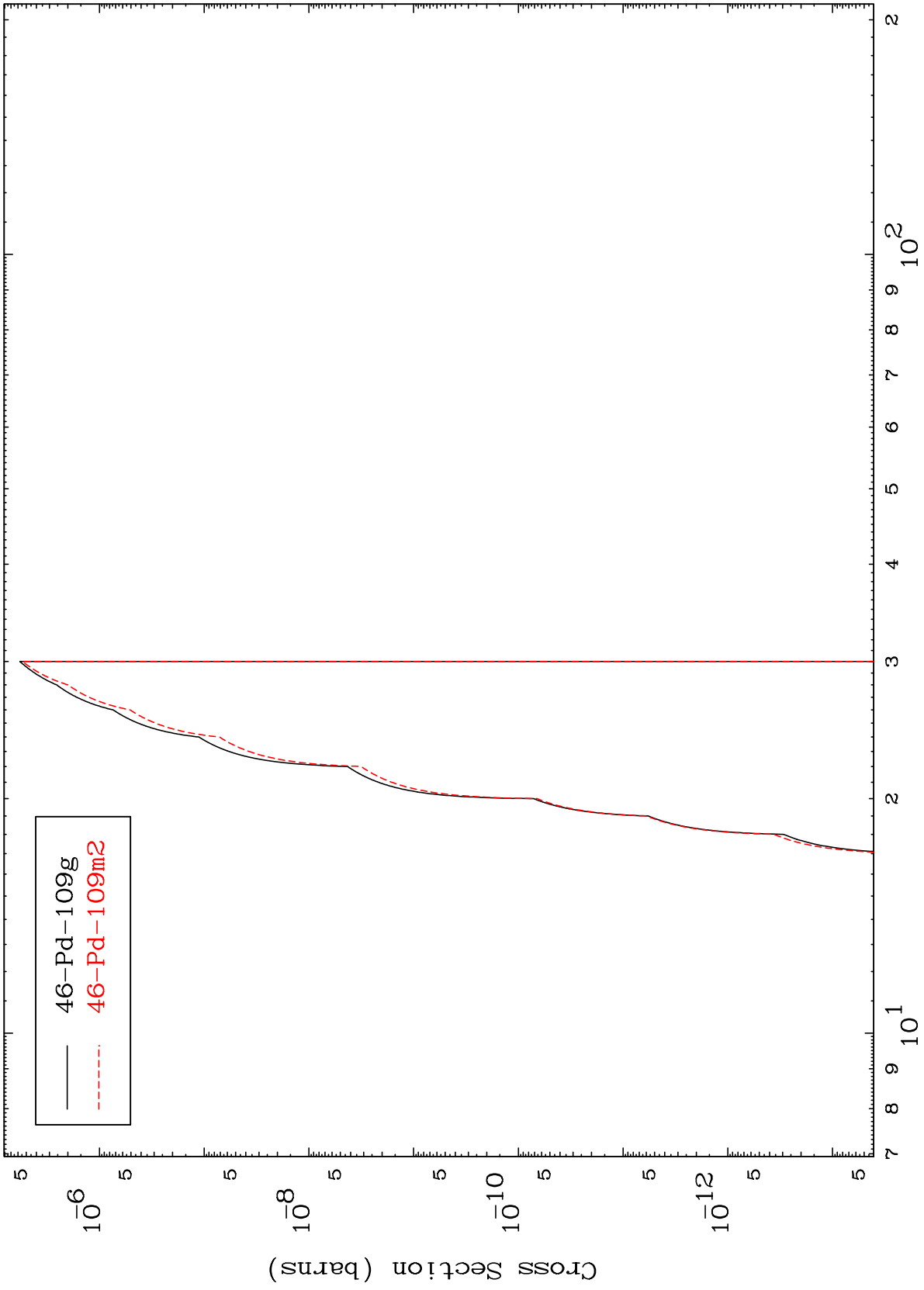
47-Ag-110

MAT 4735

(α, p) α

47-Ag-110

Radionuclide Production Cross Section



26

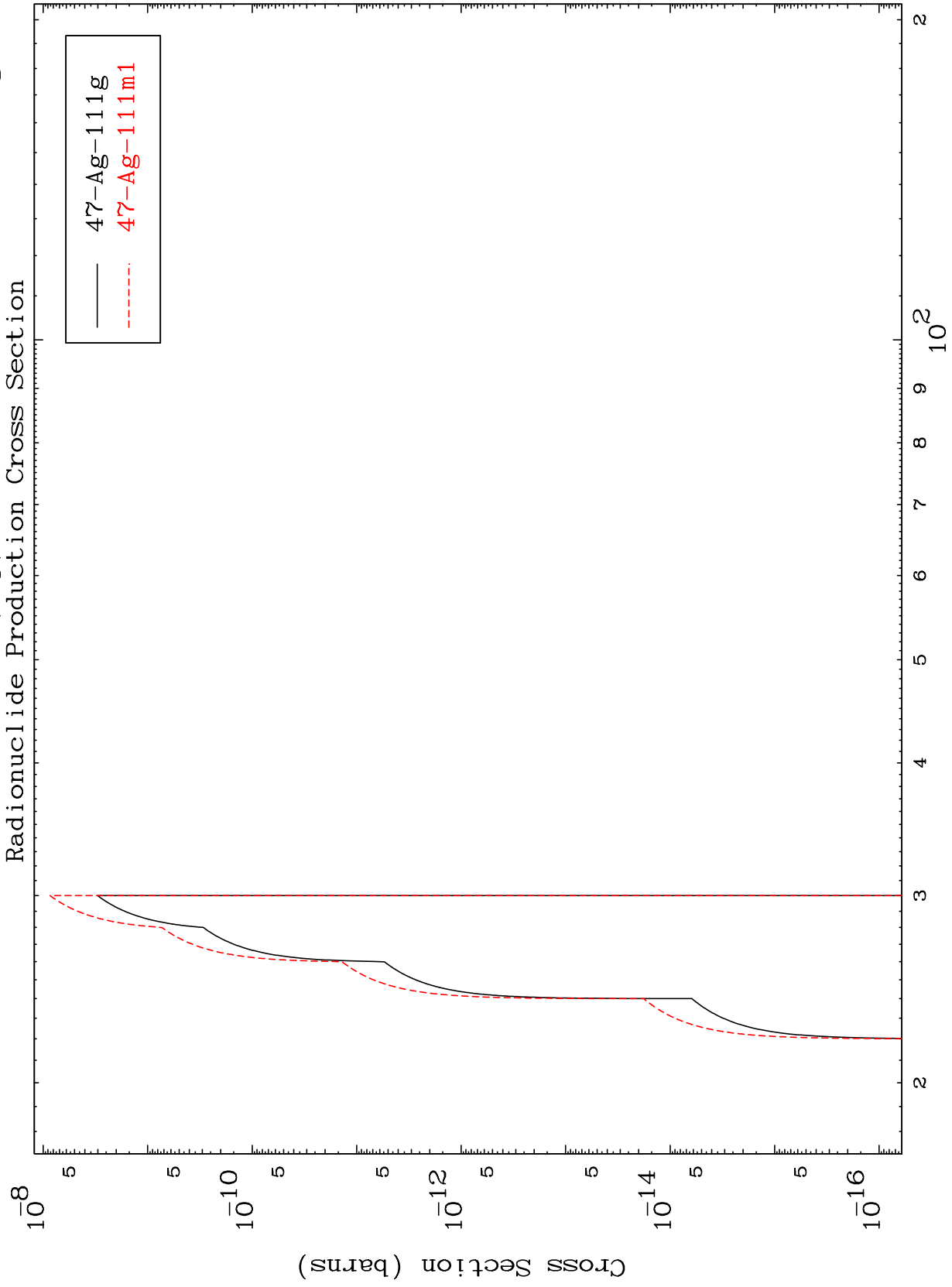
Incident Energy (MeV)

47-Ag-110

MAT 4735

(α, p) d

47-Ag-110



27

47-Ag-110