

Program EVALPLOT
(Version 2018-1)

by

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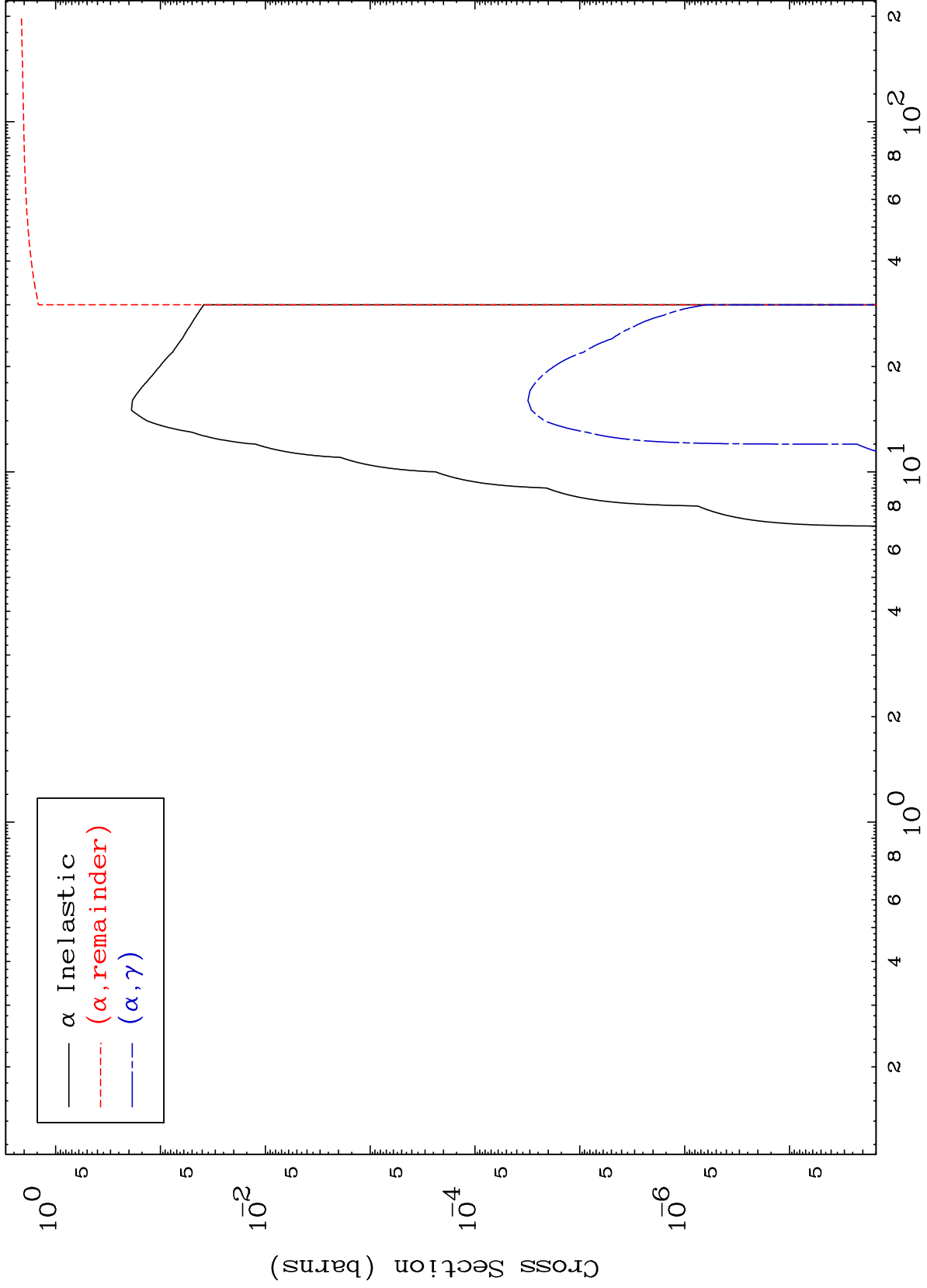
Press Mouse Button to Start

MAT 4735

0 Kelvin

α Major Cross Sections

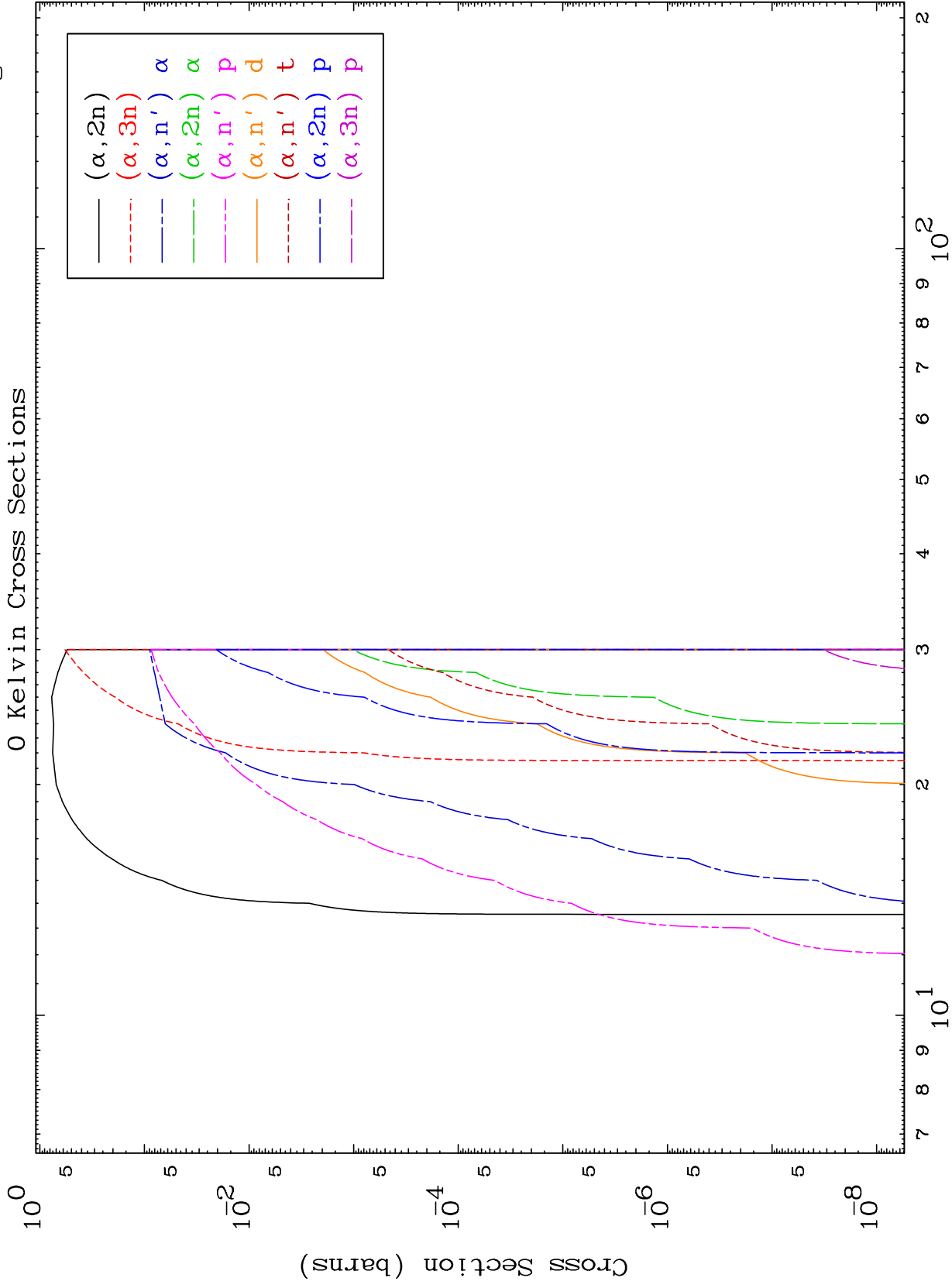
47-Ag-110



MAT 4735

α Neutron Production
0 Kelvin Cross Sections

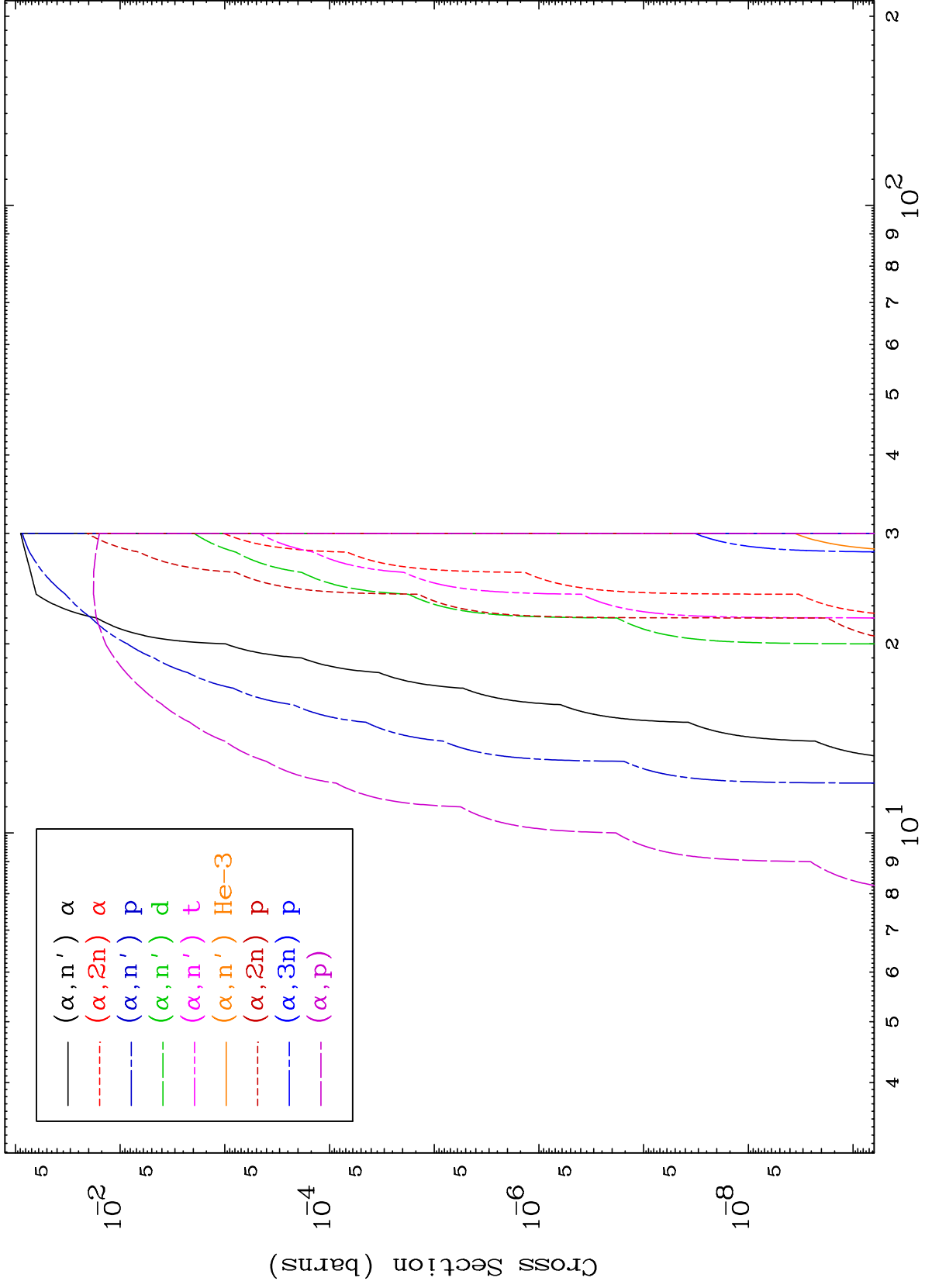
47-Ag-110



2

Incident Energy (MeV)

47-Ag-110

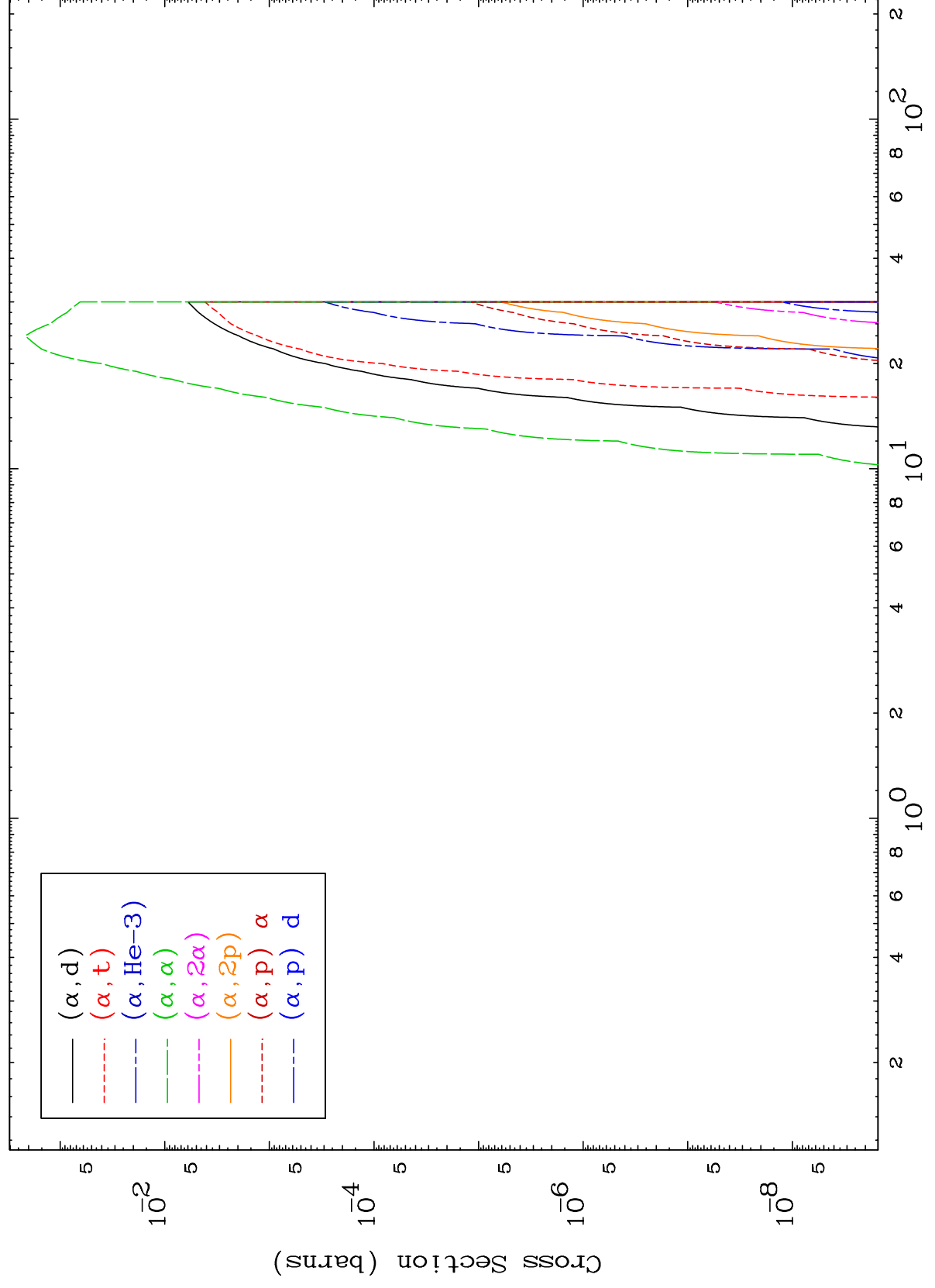


MAT 4735

α Charged Particle

47-Ag-110

0 Kelvin Cross Sections



47-Ag-110

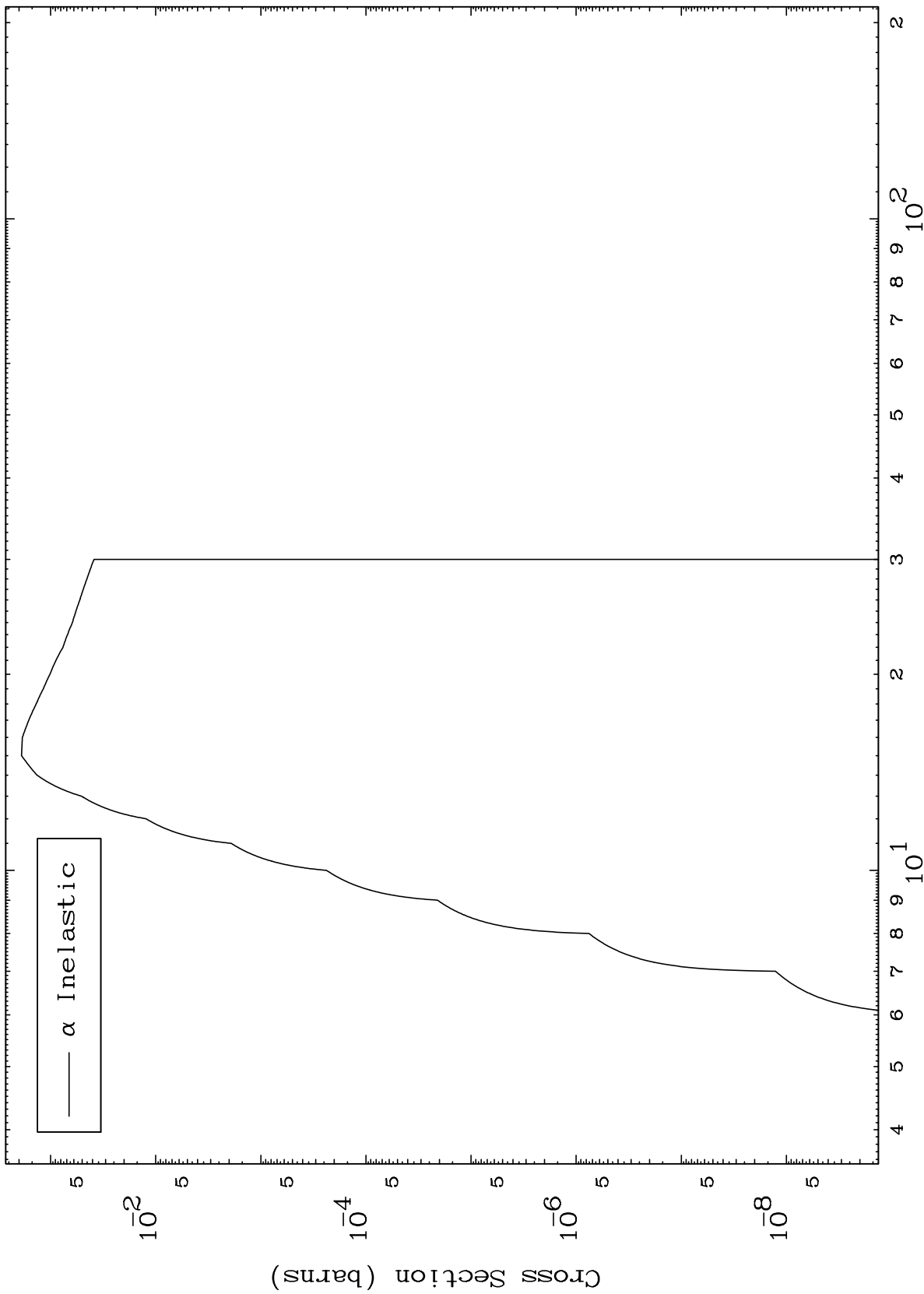
Incident Energy (MeV)

MAT 4735

(α, n') Level

47-Ag-110

0 Kelvin Cross Sections



Incident Energy (MeV)

47-Ag-110

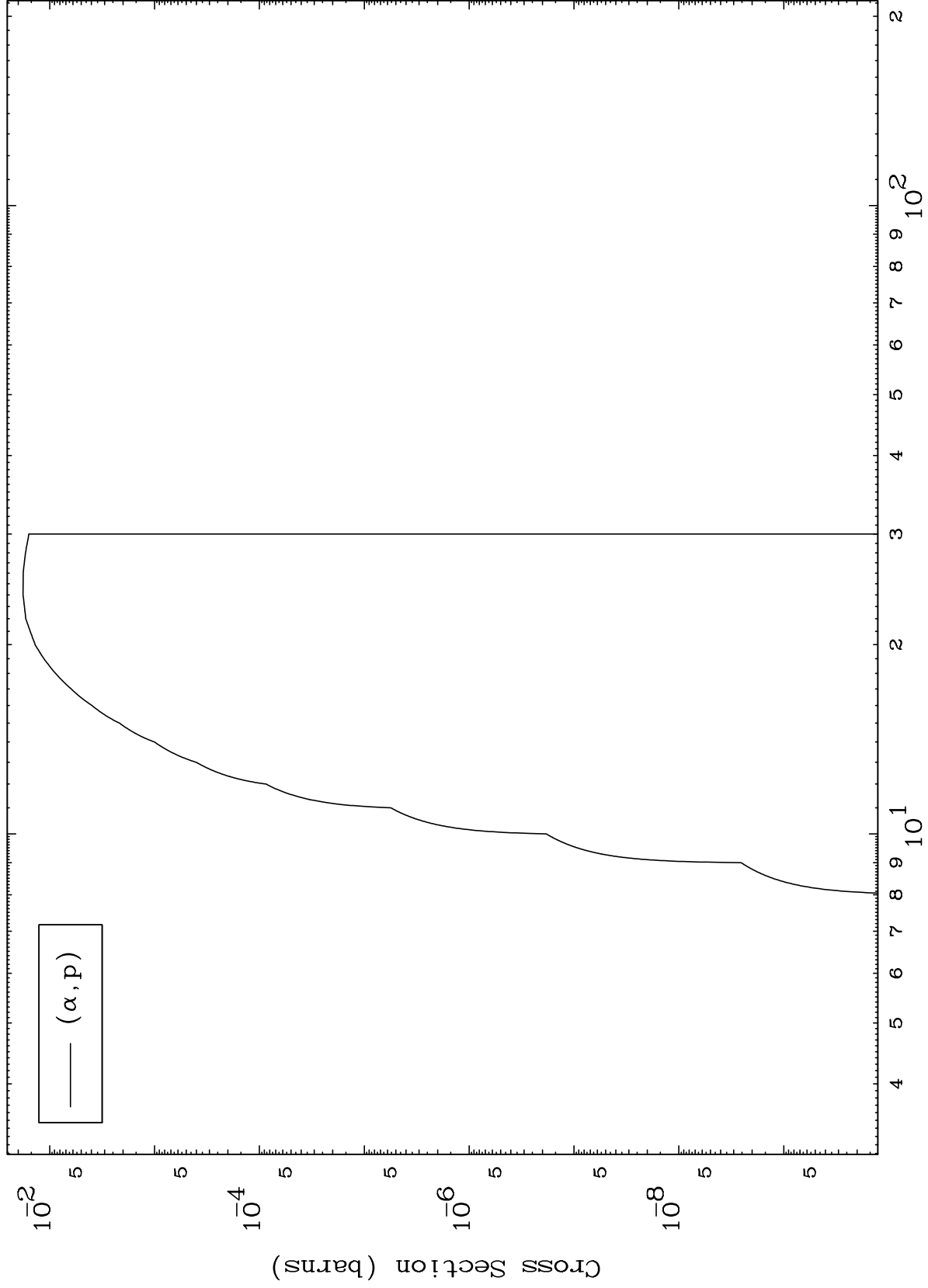
5

MAT 4735

(α, p) Levels

47-Ag-110

0 Kelvin Cross Sections



6

Incident Energy (MeV)

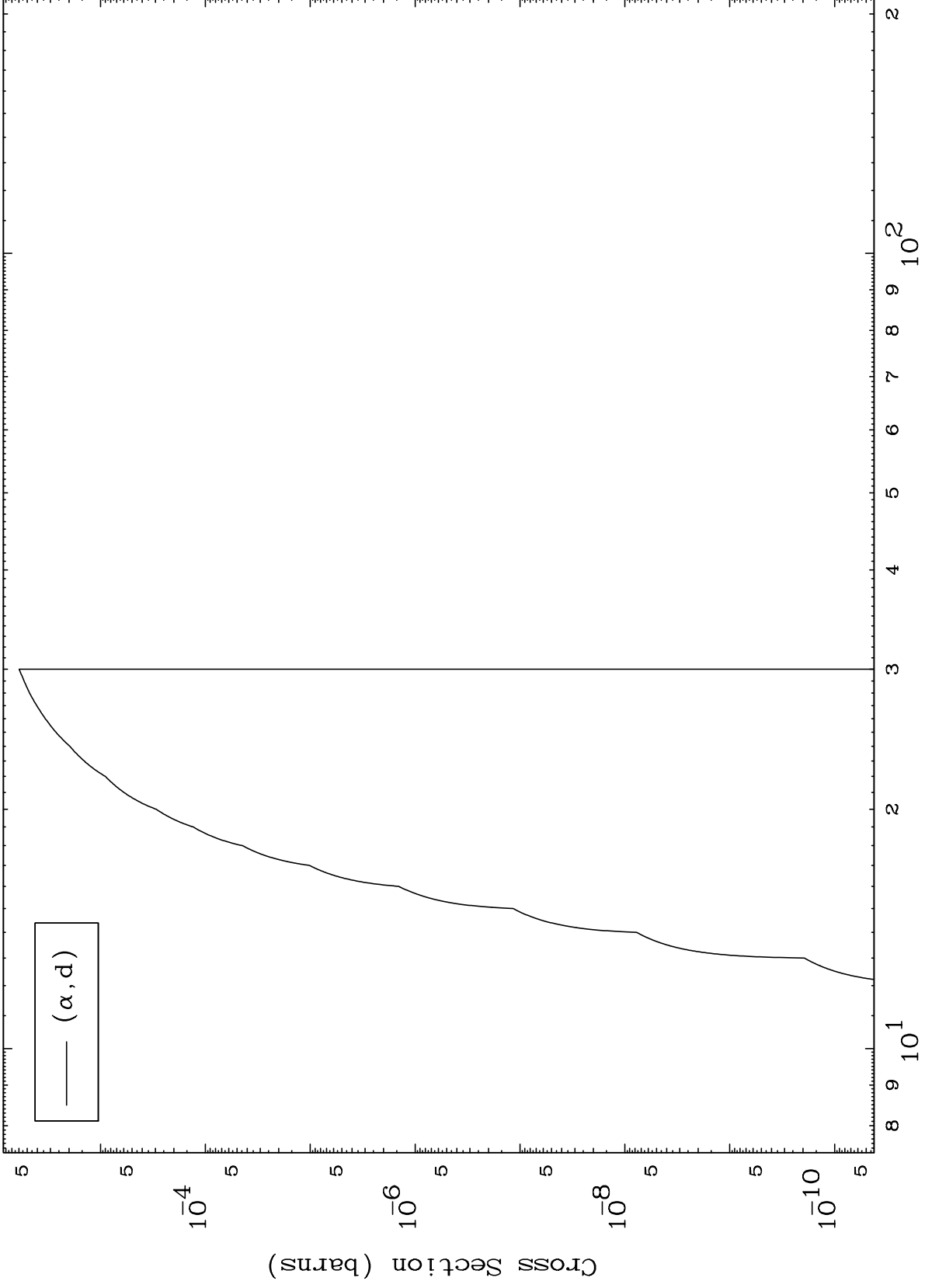
47-Ag-110

MAT 4735

(α, d) Levels

47-Ag-110

0 Kelvin Cross Sections



7

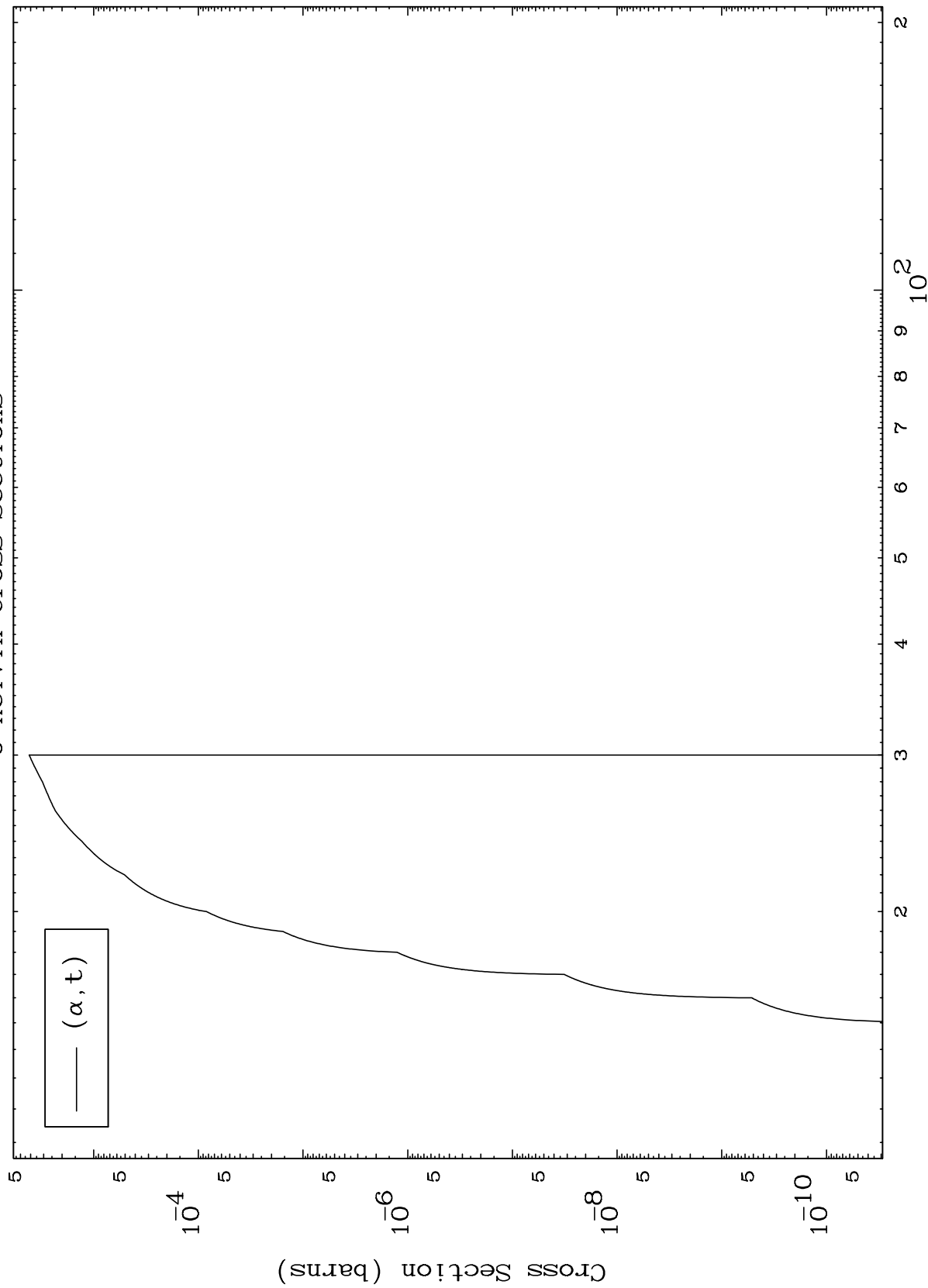
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

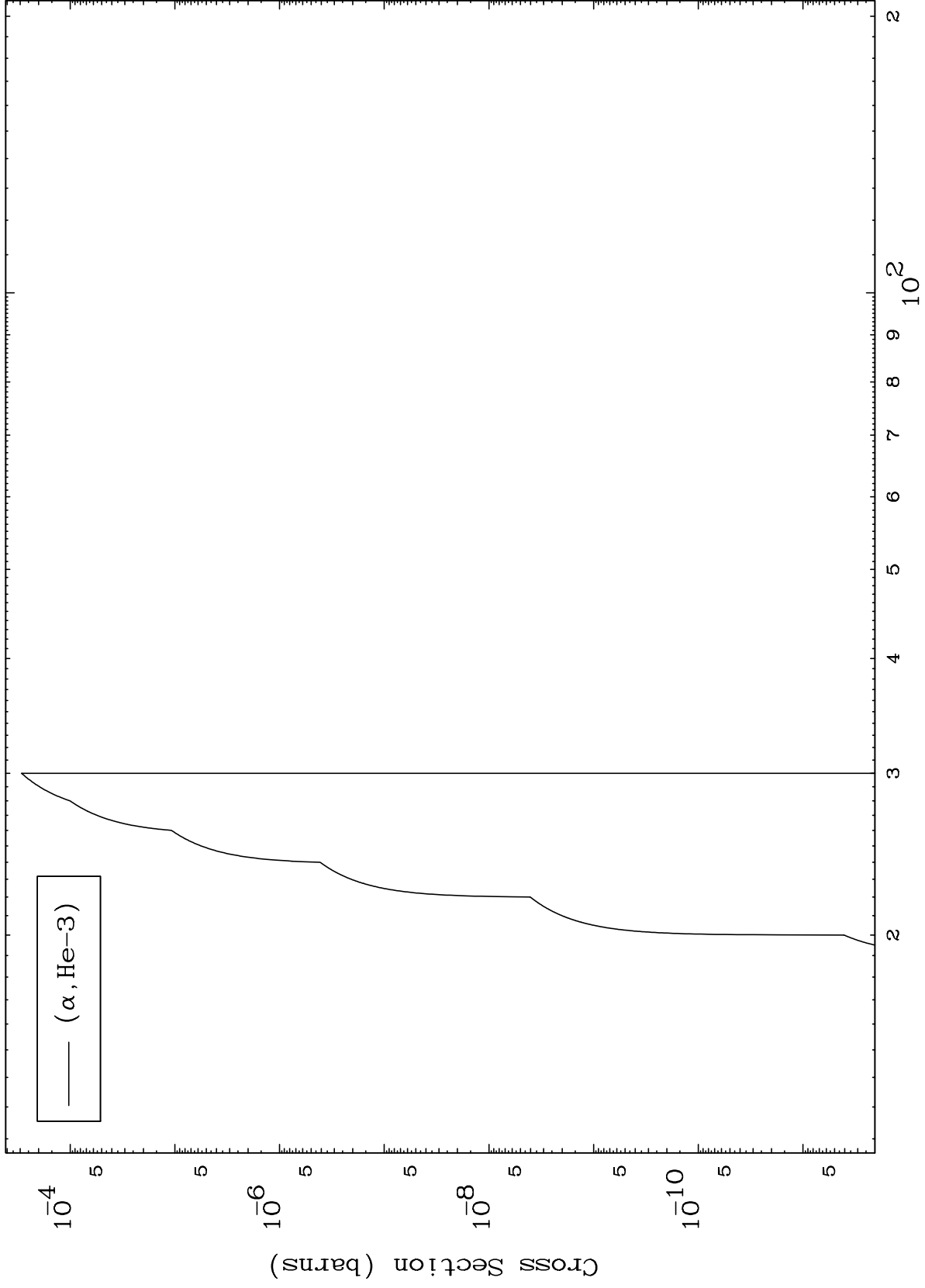
(α, t) Levels
0 Kelvin Cross Sections



47-Ag-110

Incident Energy (MeV)

8

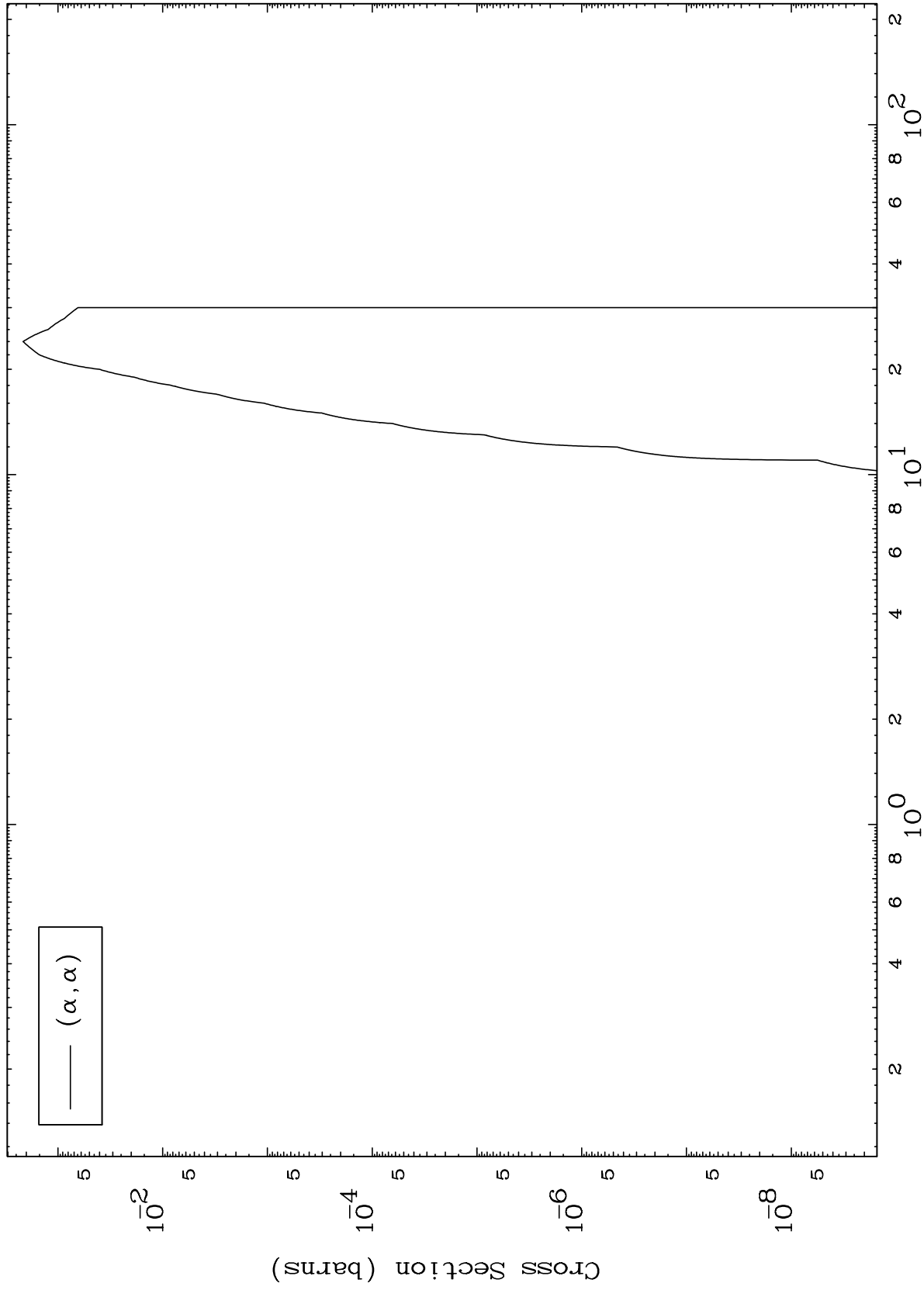


MAT 4735

(α, α) Levels

47-Ag-110

0 Kelvin Cross Sections



10

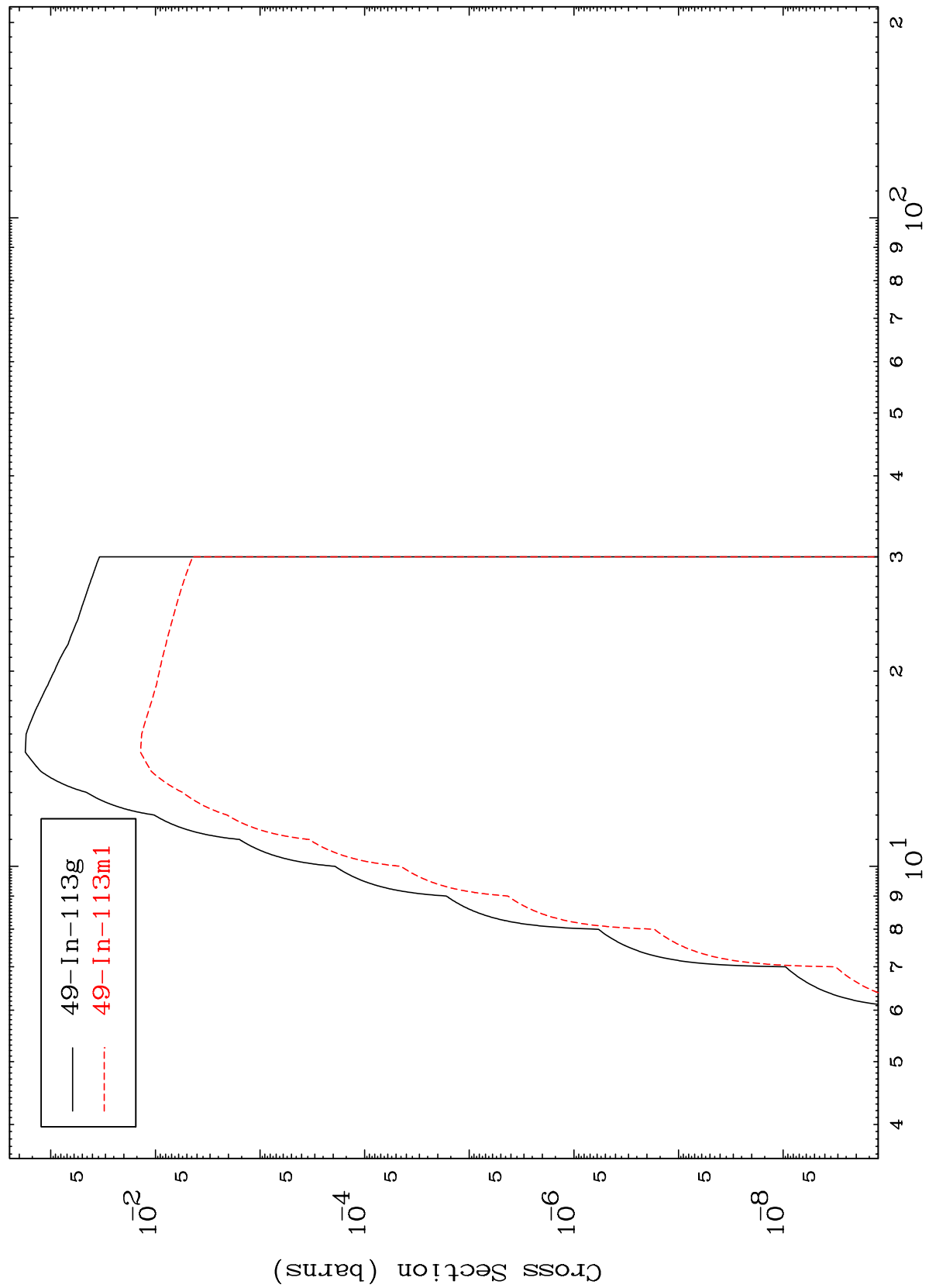
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

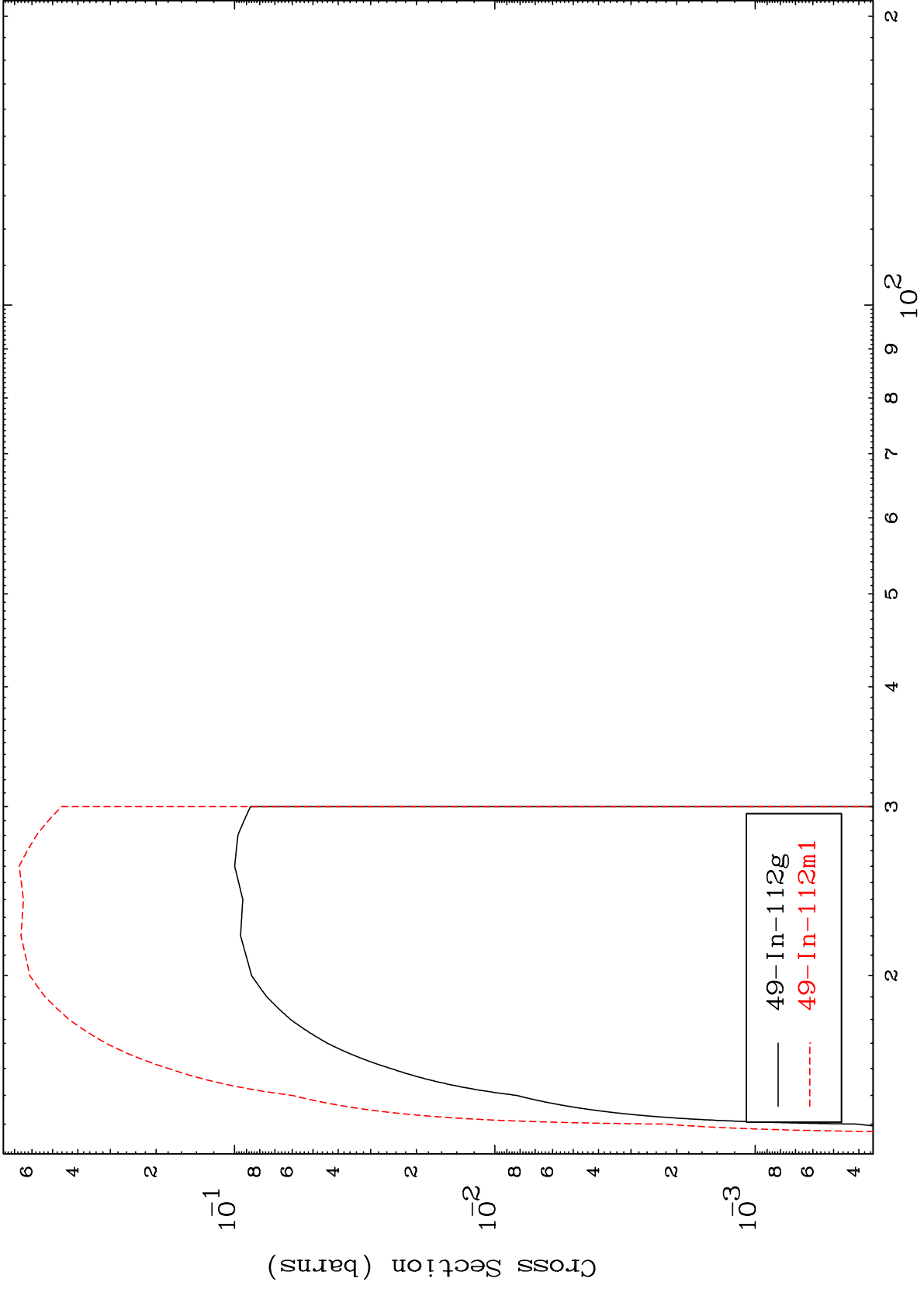
Radionuclide Production Cross Section
 α Inelastic



MAT 4735

47-Ag-110

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



12

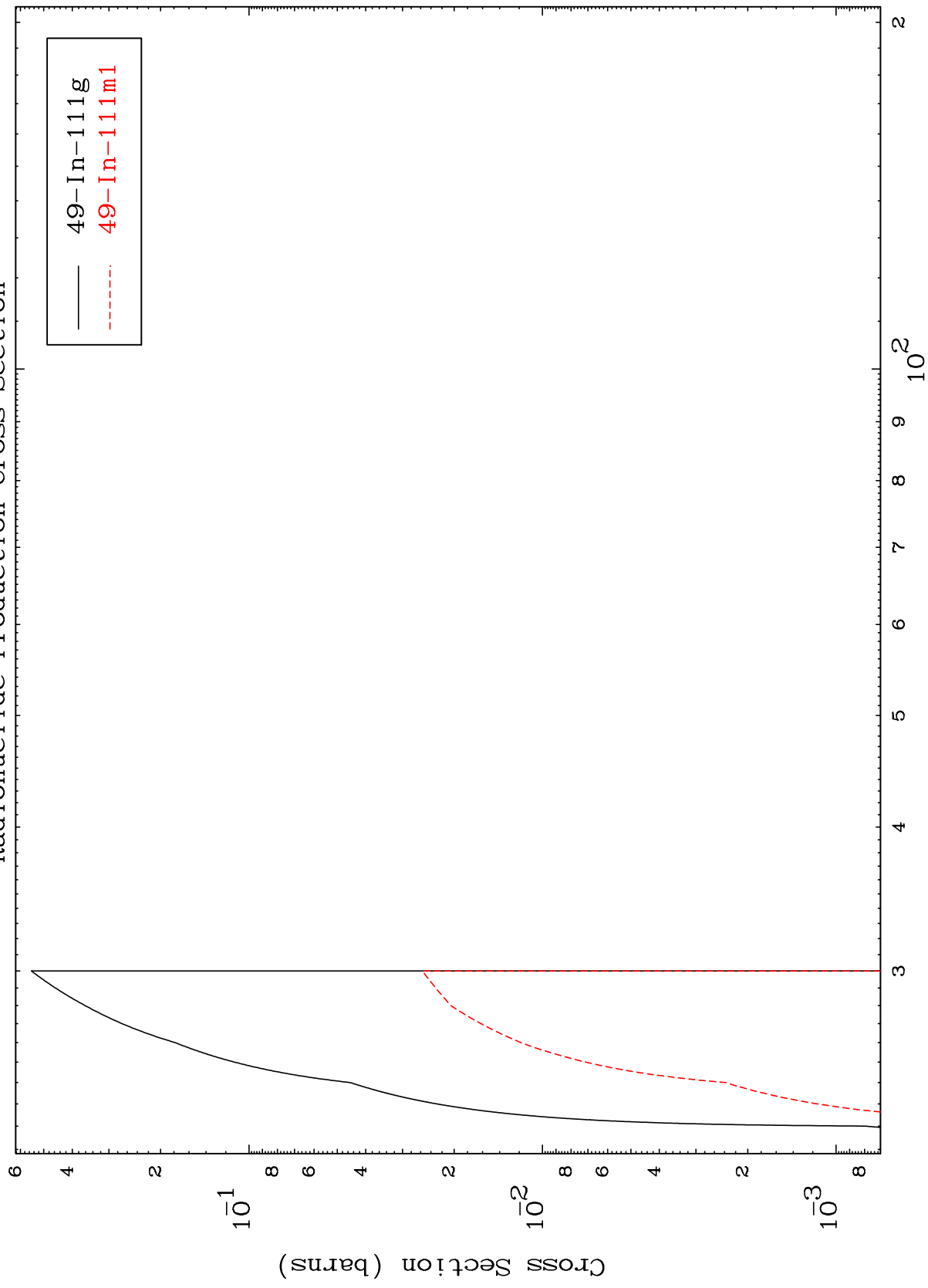
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

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



47-Ag-110

Incident Energy (MeV)

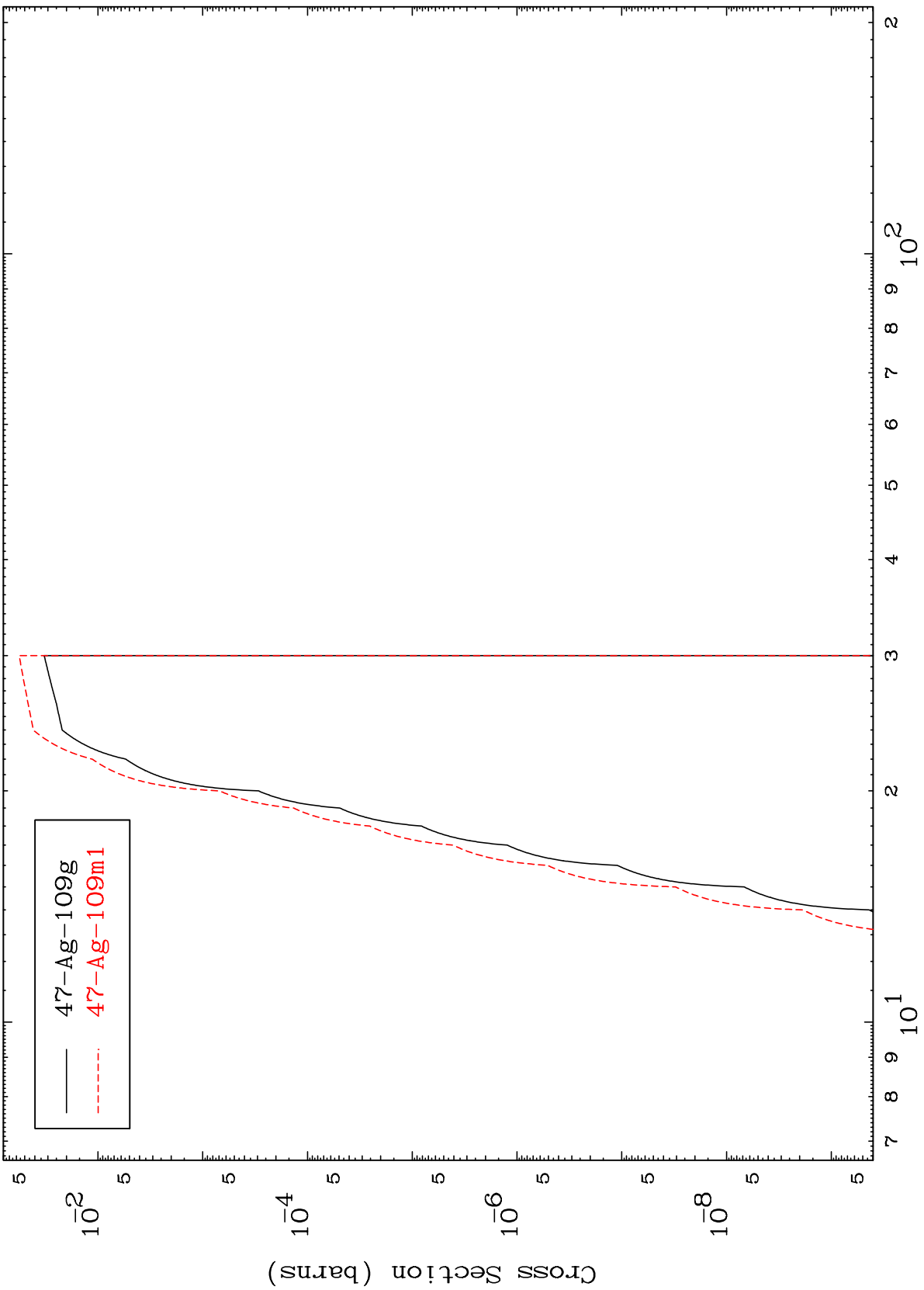
13

MAT 4735

47-Ag-110

(α, n') α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

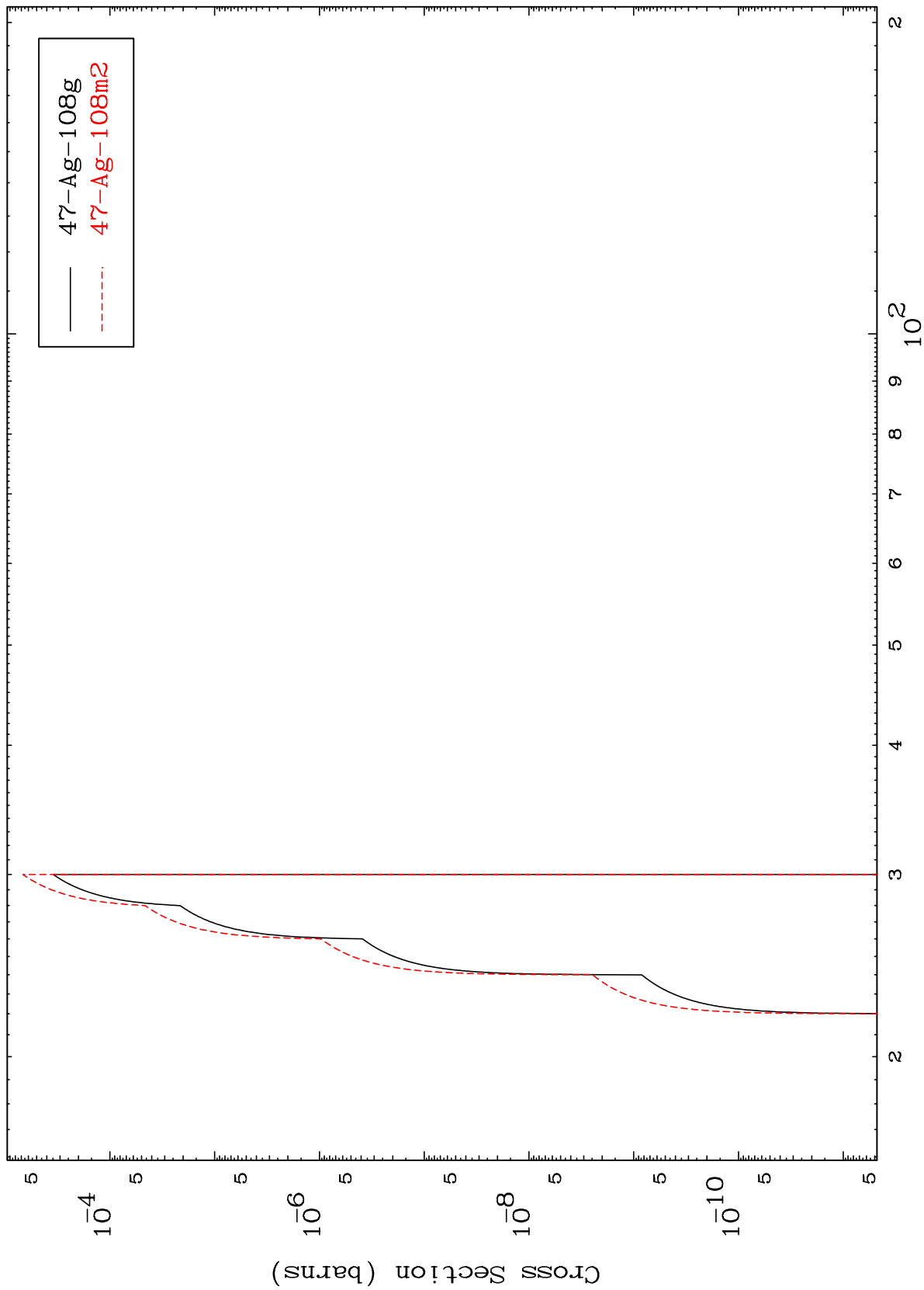
47-Ag-110

MAT 4735

$(\alpha, 2n) \alpha$

47-Ag-110

Radionuclide Production Cross Section



15

Incident Energy (MeV)

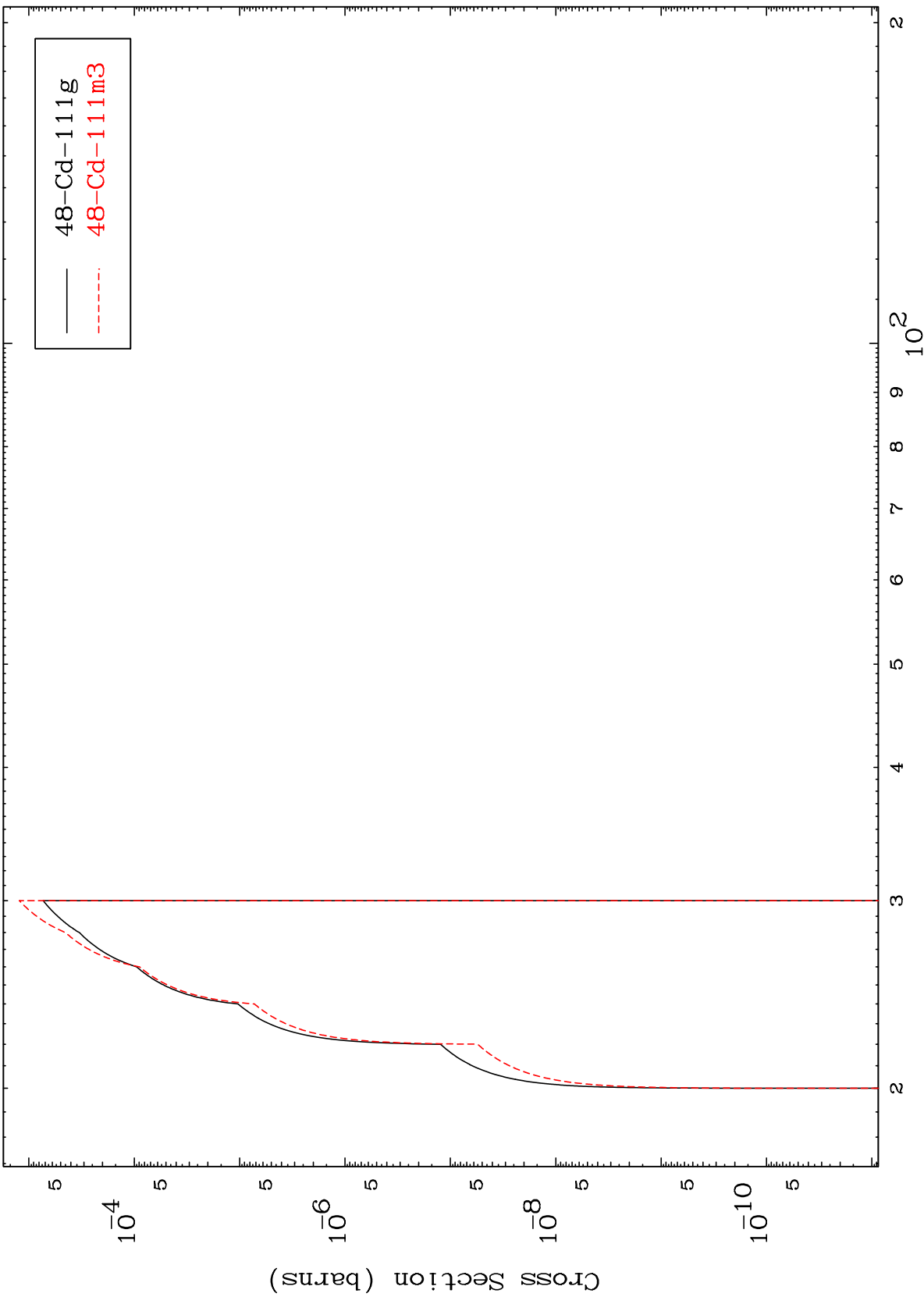
47-Ag-110

MAT 4735

(α, n') d

47-Ag-110

Radionuclide Production Cross Section



16

Incident Energy (MeV)

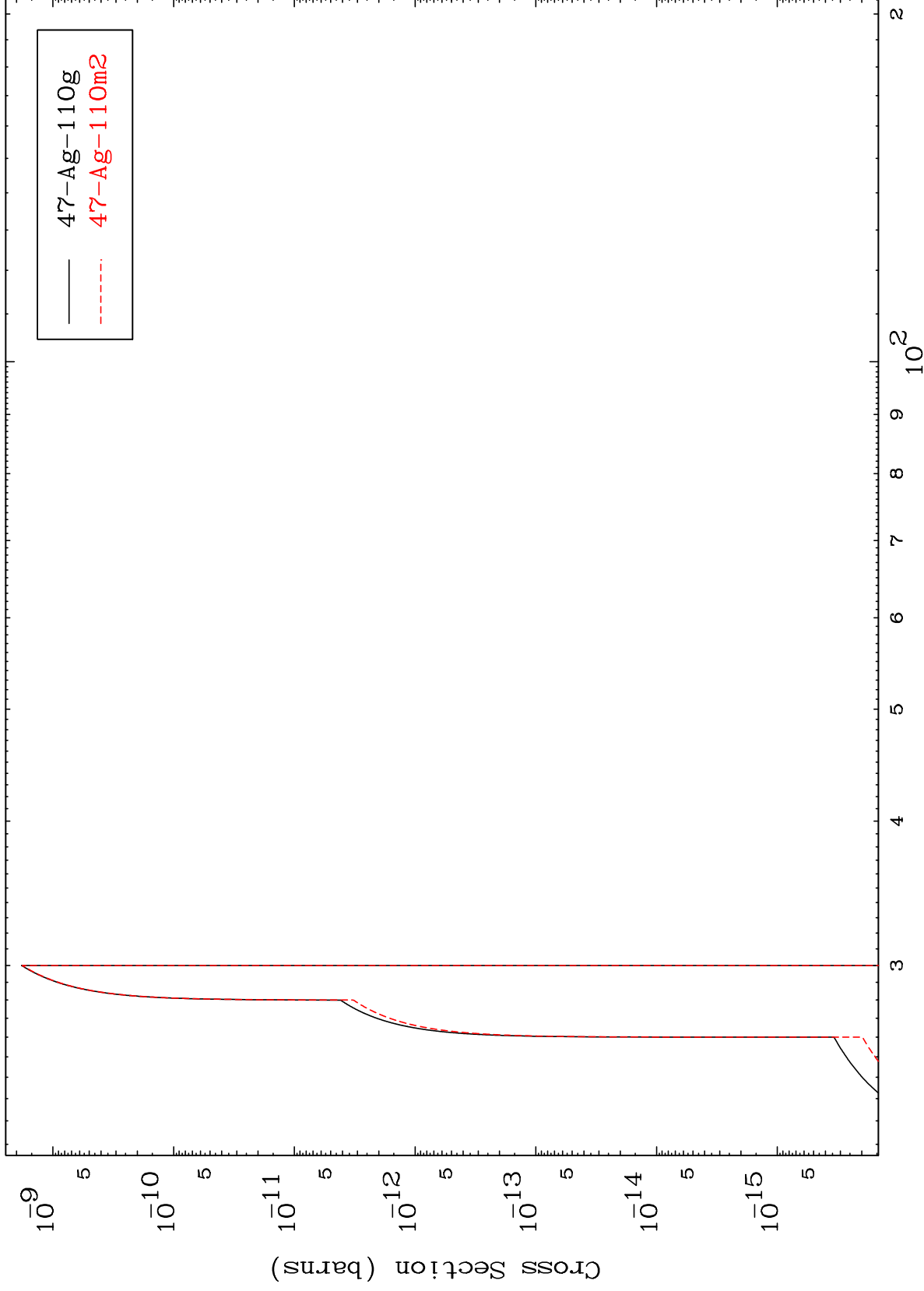
47-Ag-110

MAT 4735

(α, n') He-3

47-Ag-110

Radionuclide Production Cross Section



17

Incident Energy (MeV)

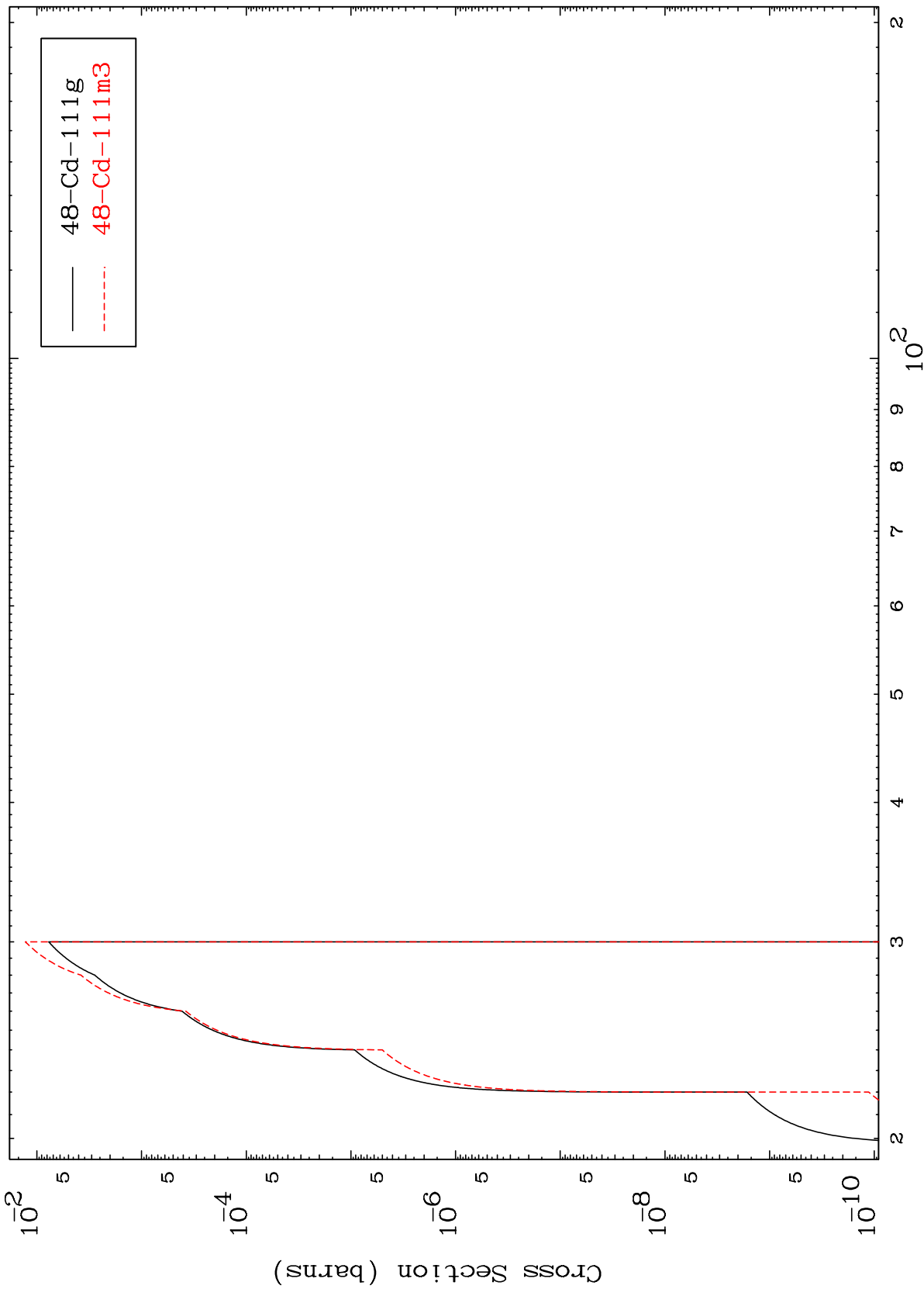
47-Ag-110

MAT 4735

($\alpha, 2n$) p

47-Ag-110

Radionuclide Production Cross Section



18

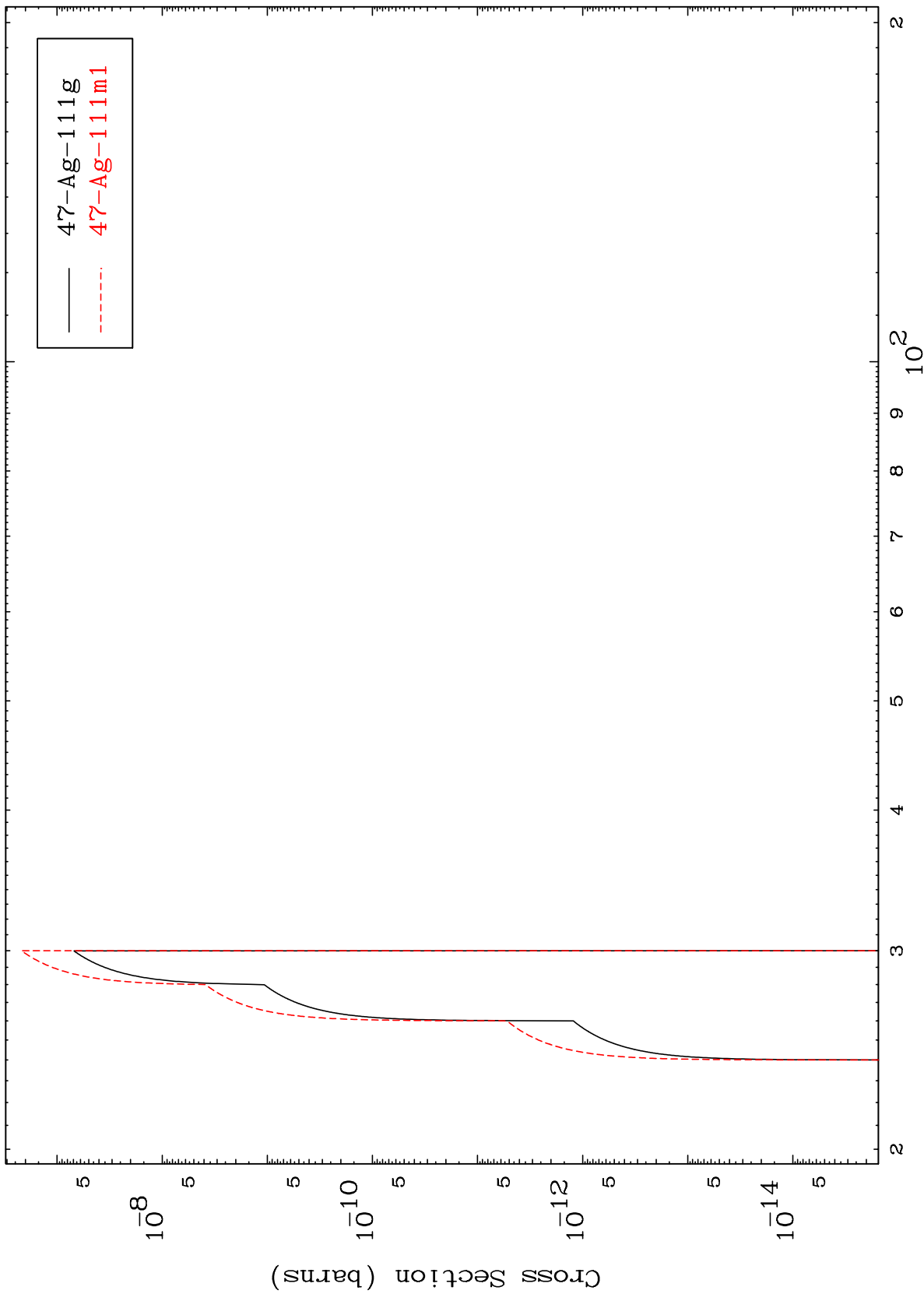
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

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



19

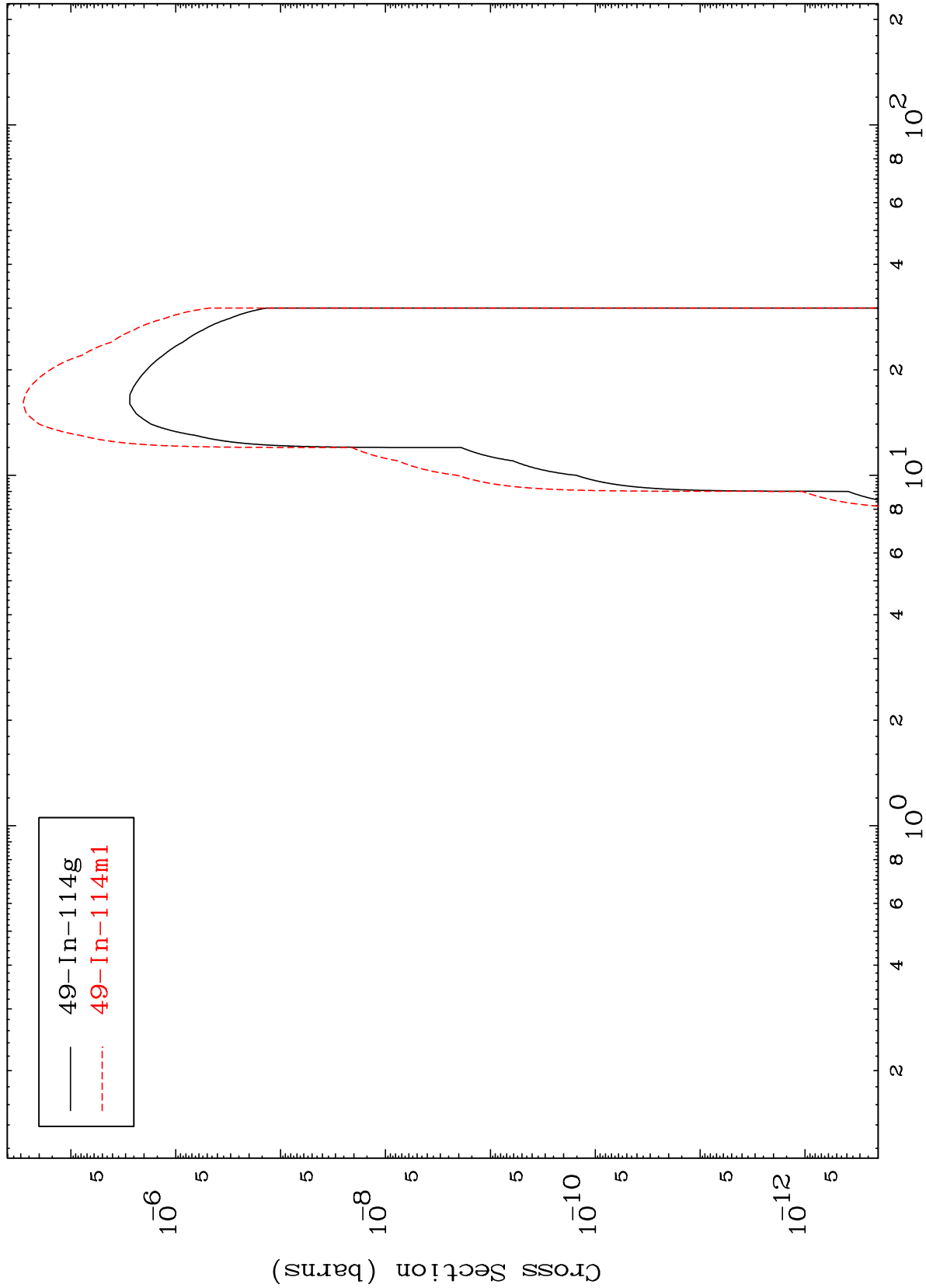
47-Ag-110

Incident Energy (MeV)

MAT 4735

47-Ag-110

(α, γ)
Radionuclide Production Cross Section



47-Ag-110

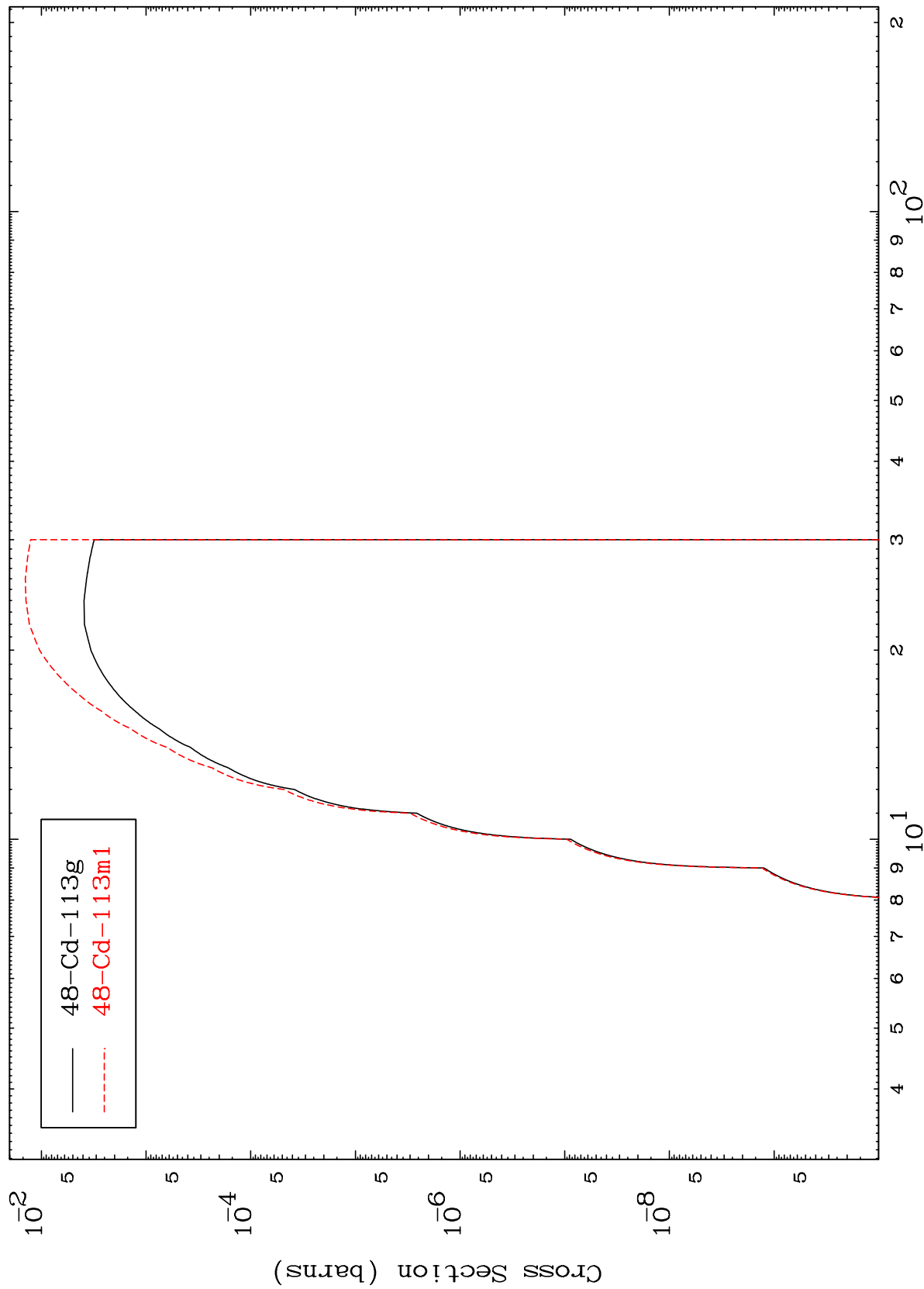
Incident Energy (MeV)

20

MAT 4735

47-Ag-110

(α, p)
Radionuclide Production Cross Section



21

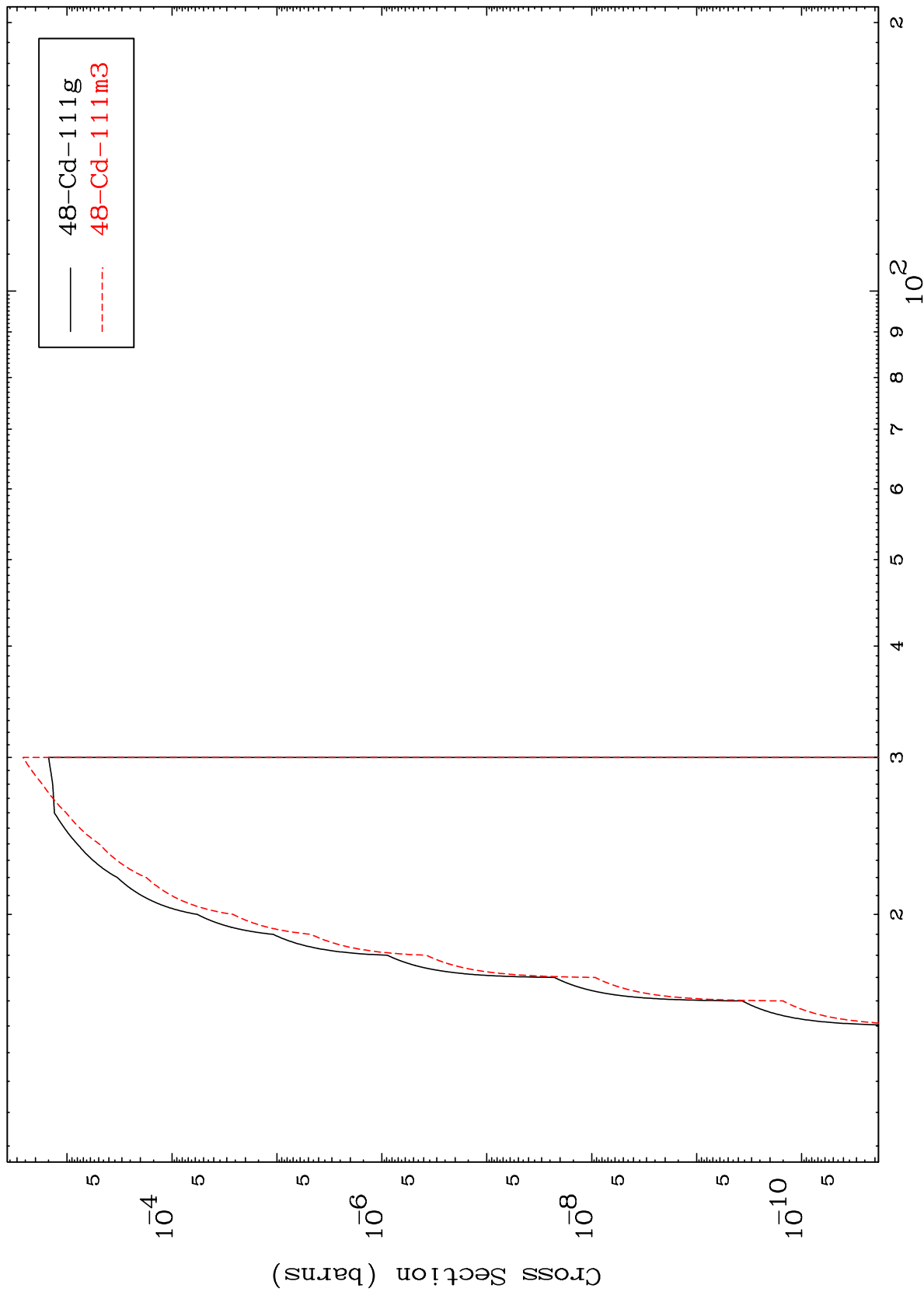
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

(α, t)
Radionuclide Production Cross Section



22

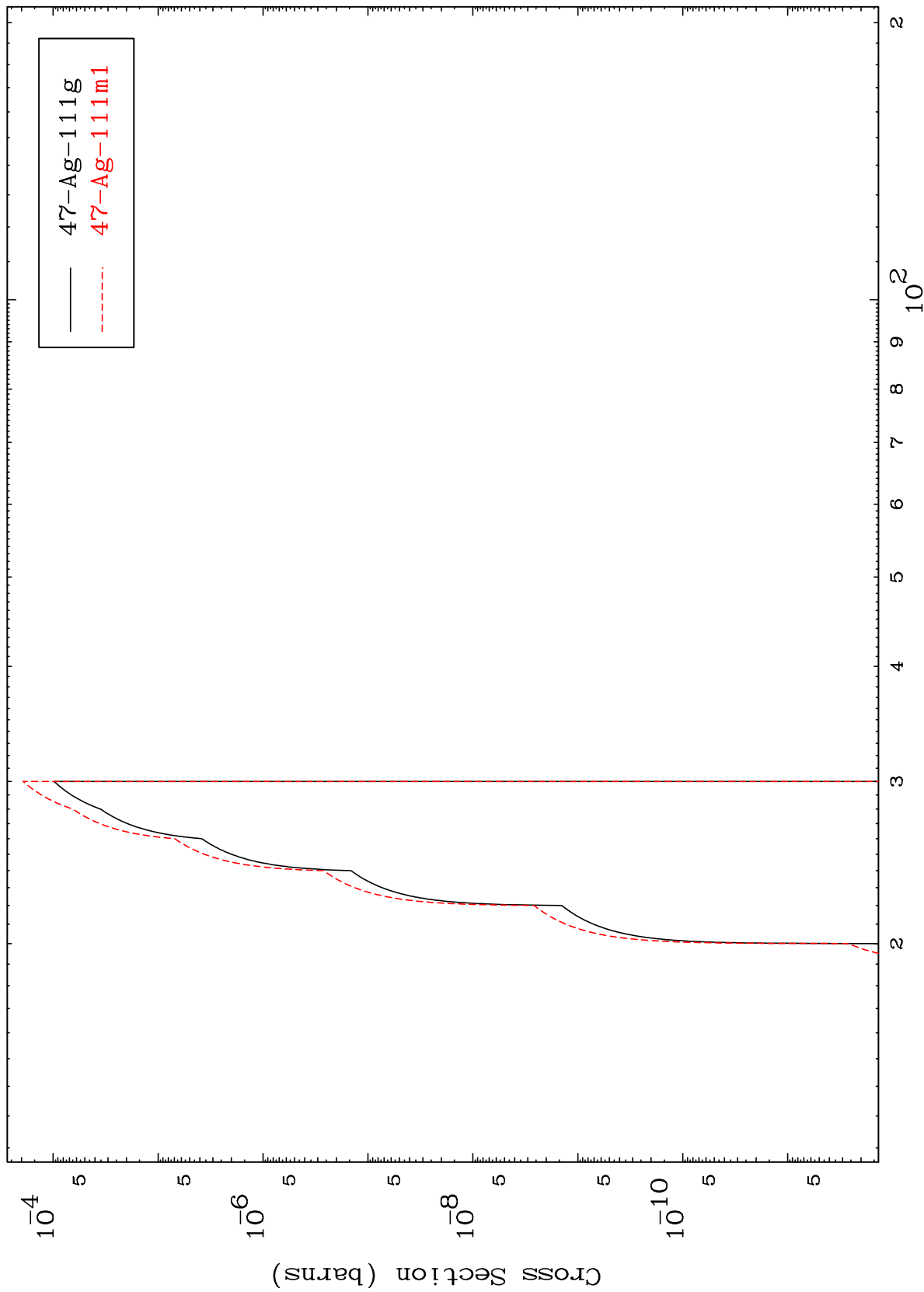
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

($\alpha, \text{He-3}$)
Radionuclide Production Cross Section

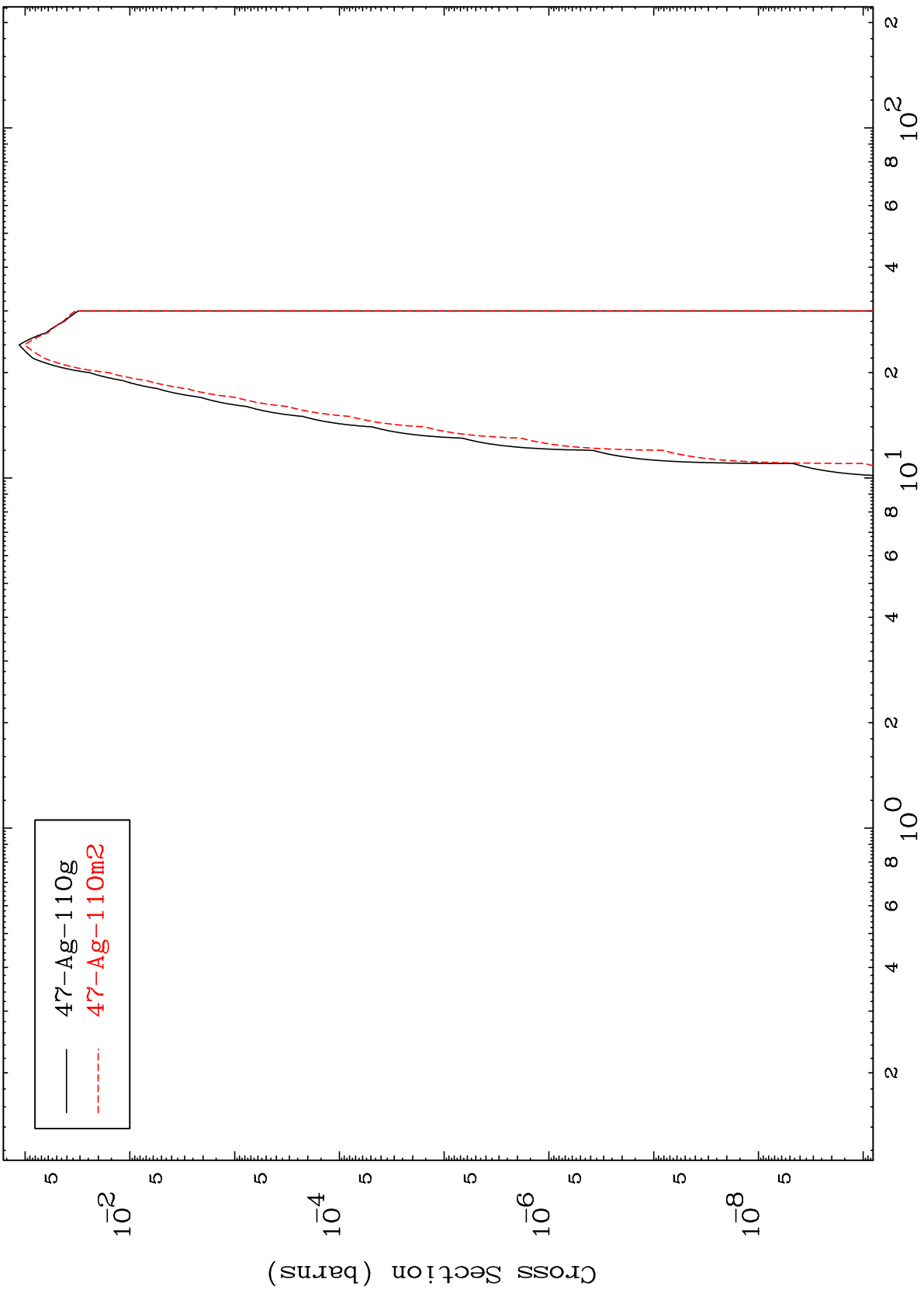


MAT 4735

(α, α)

47-Ag-110

Radionuclide Production Cross Section

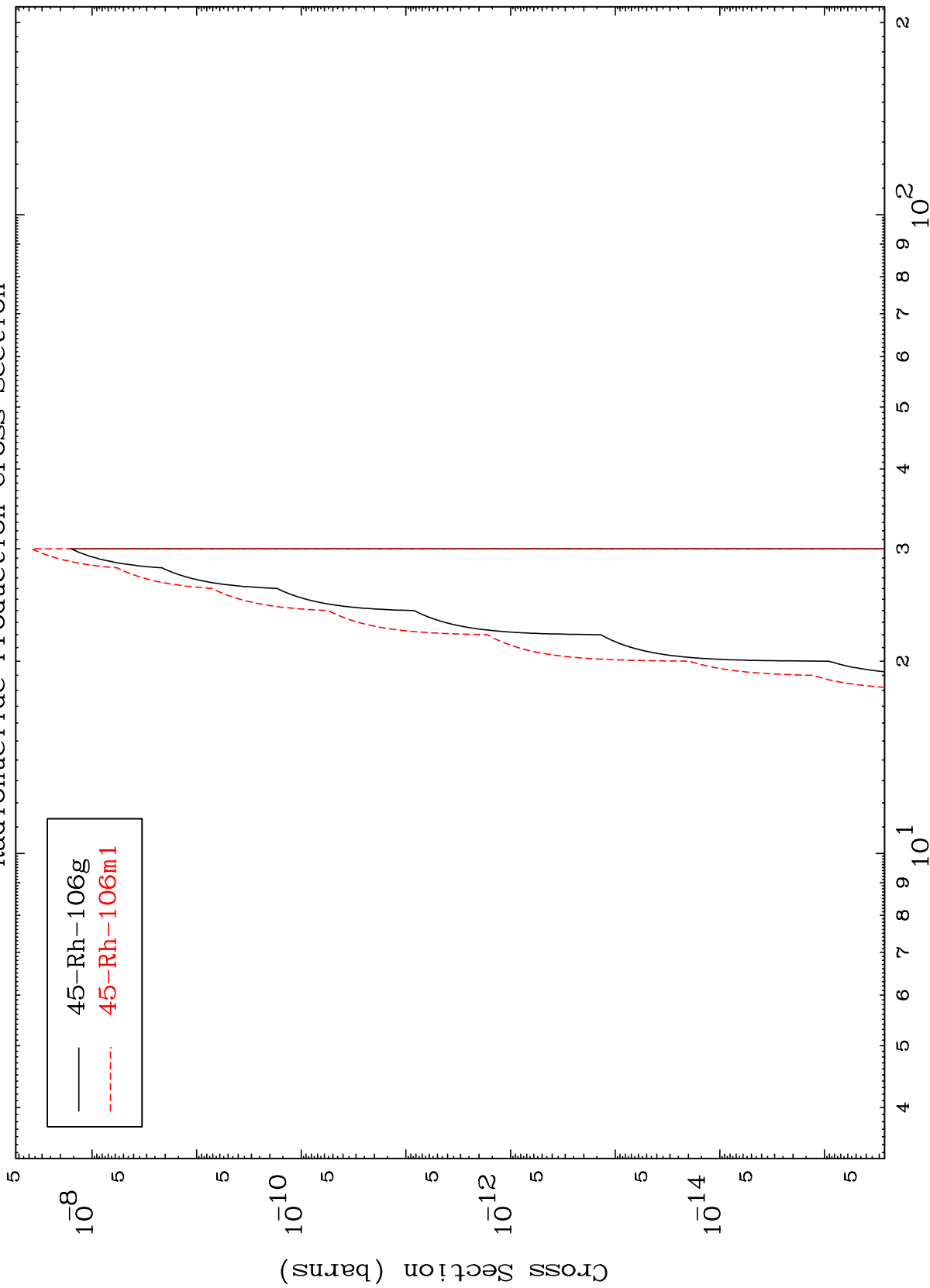


— 47-Ag-110g
- - - 47-Ag-110m2

MAT 4735

47-Ag-110

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



— 45-Rh-106g
- - - 45-Rh-106m1

25

Incident Energy (MeV)

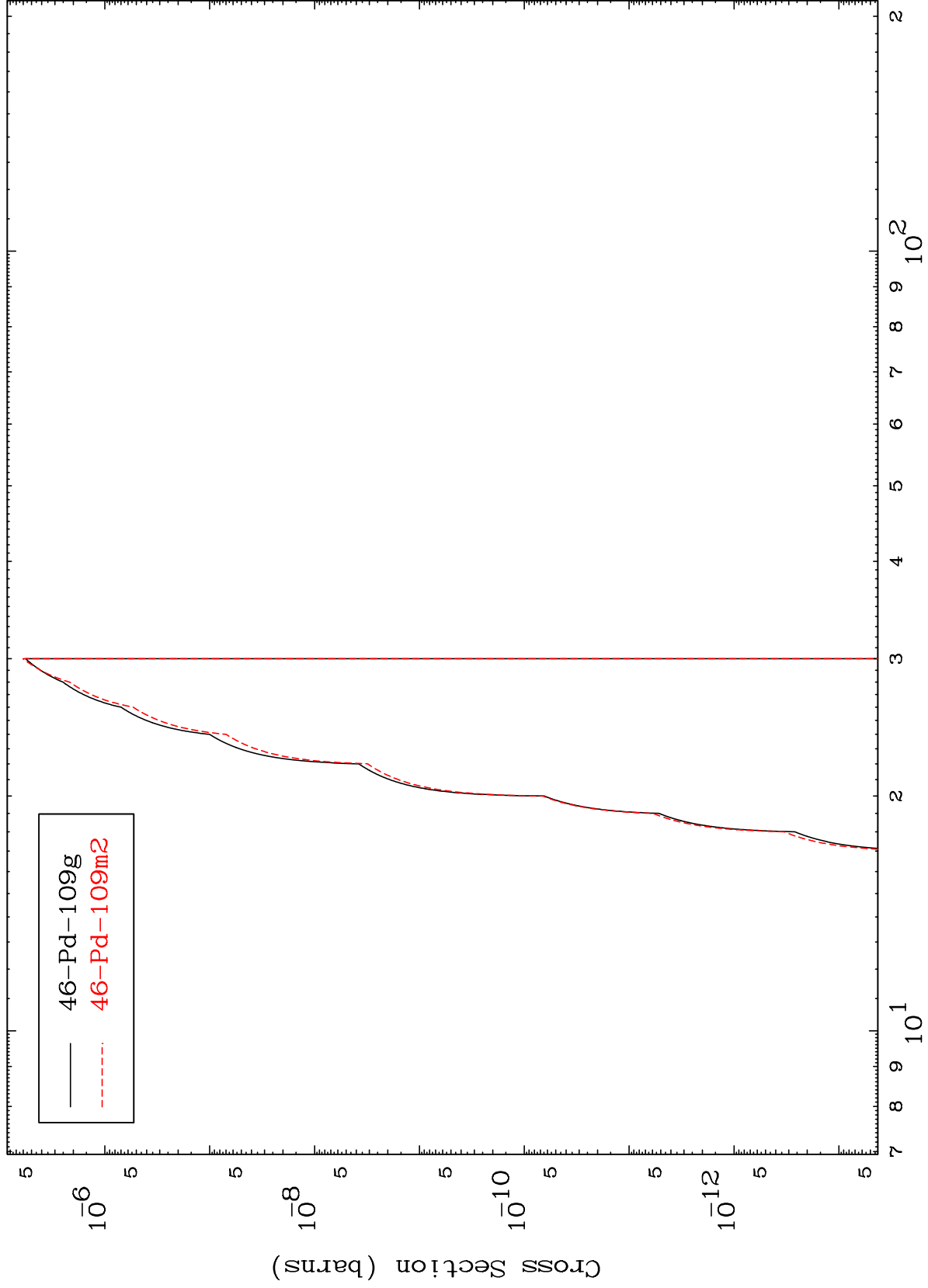
47-Ag-110

MAT 4735

(α, p) α

47-Ag-110

Radionuclide Production Cross Section



26

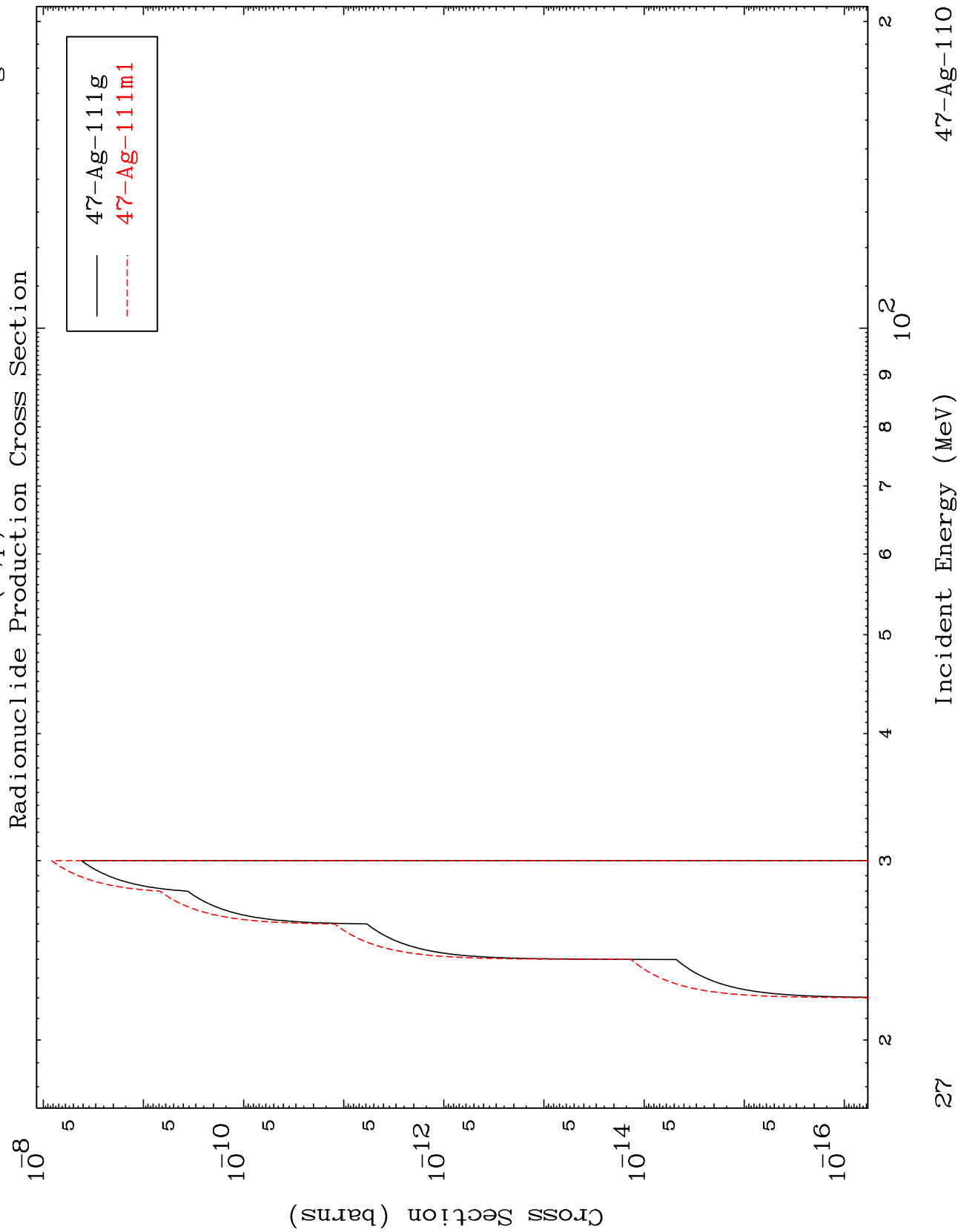
Incident Energy (MeV)

47-Ag-110

MAT 4735

(α, p) d

47-Ag-110



27

47-Ag-110