

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

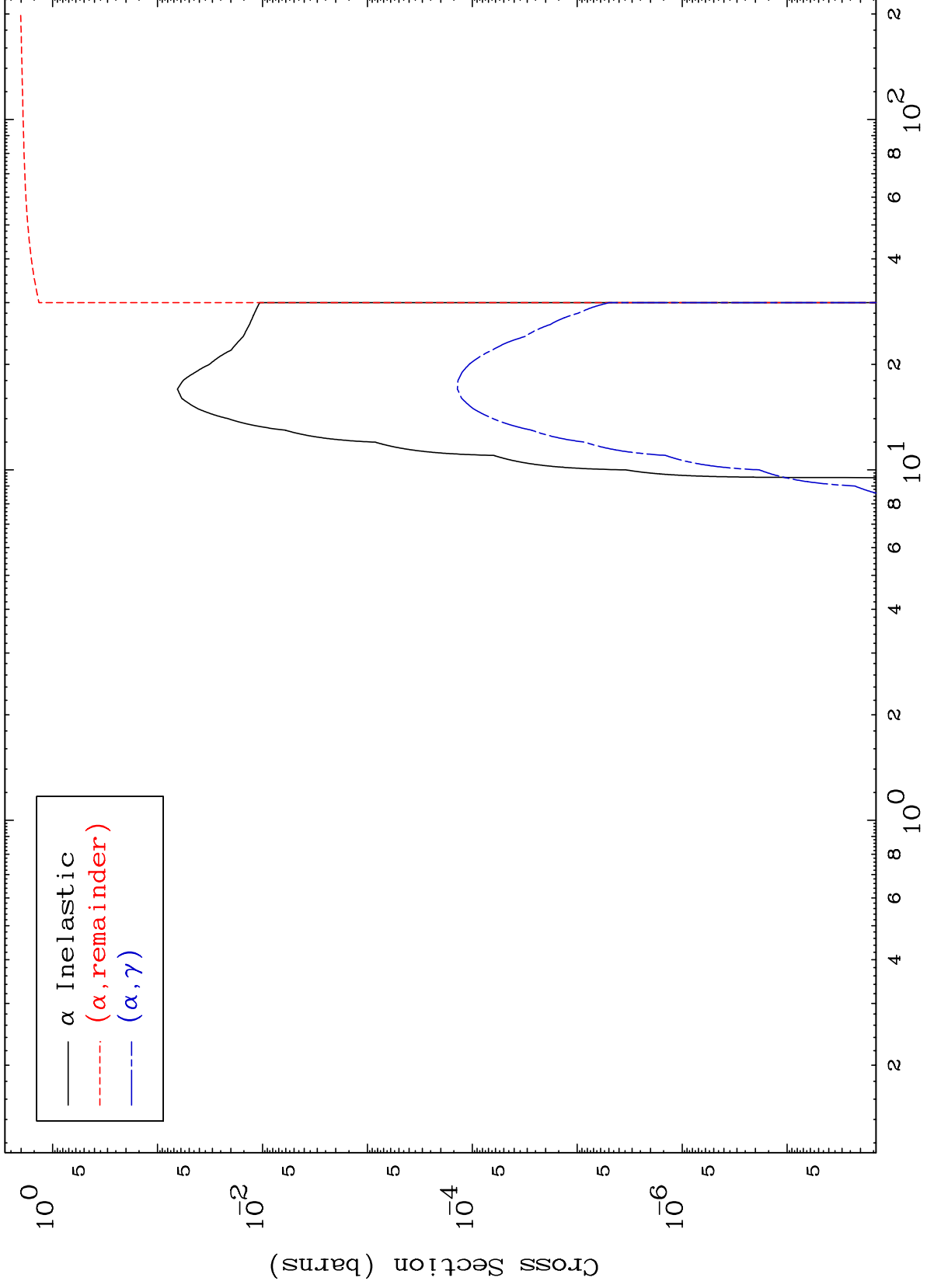
Press Mouse Button to Start

MAT 4705

0 Kelvin

α Major Cross Sections

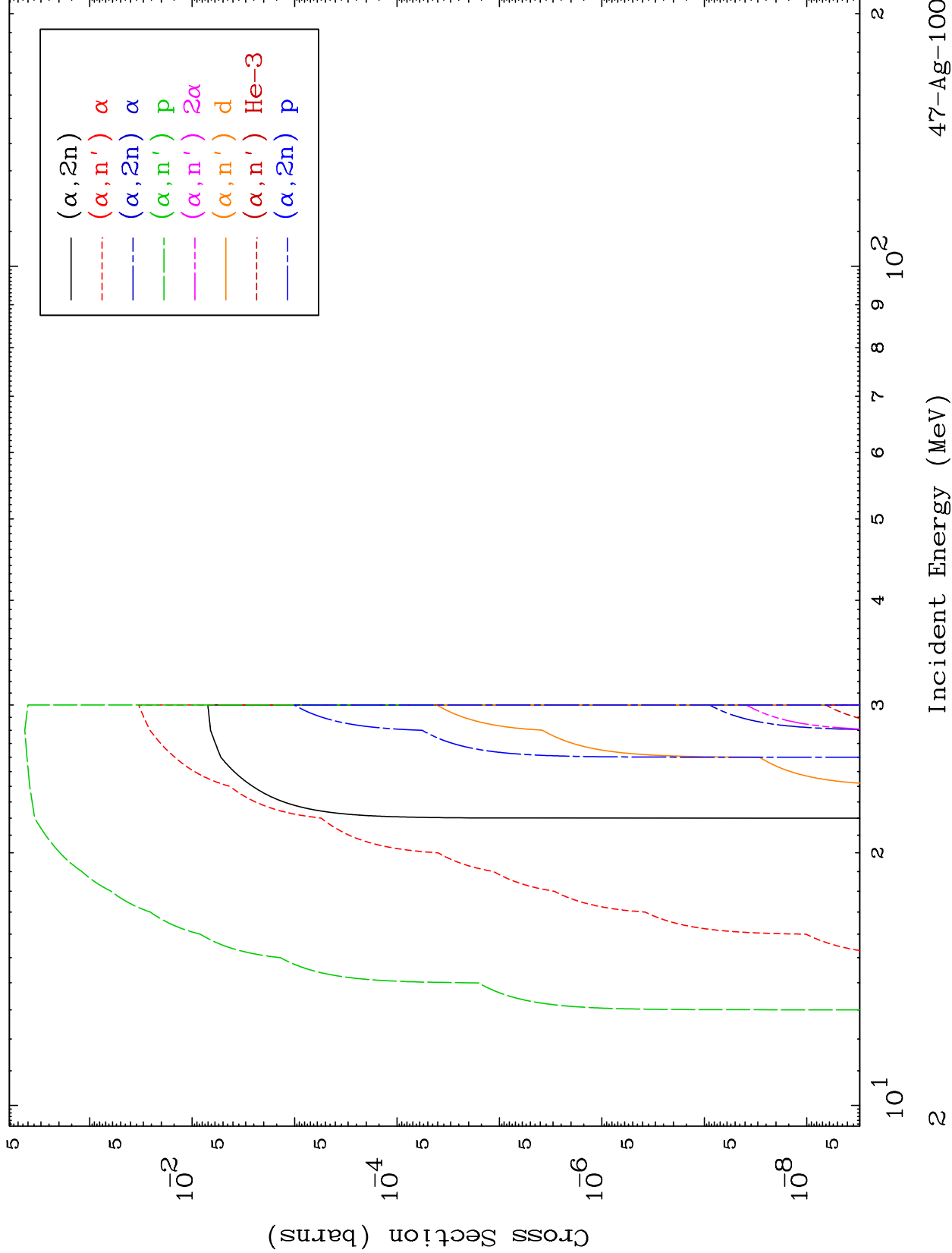
47-Ag-100



MAT 4705

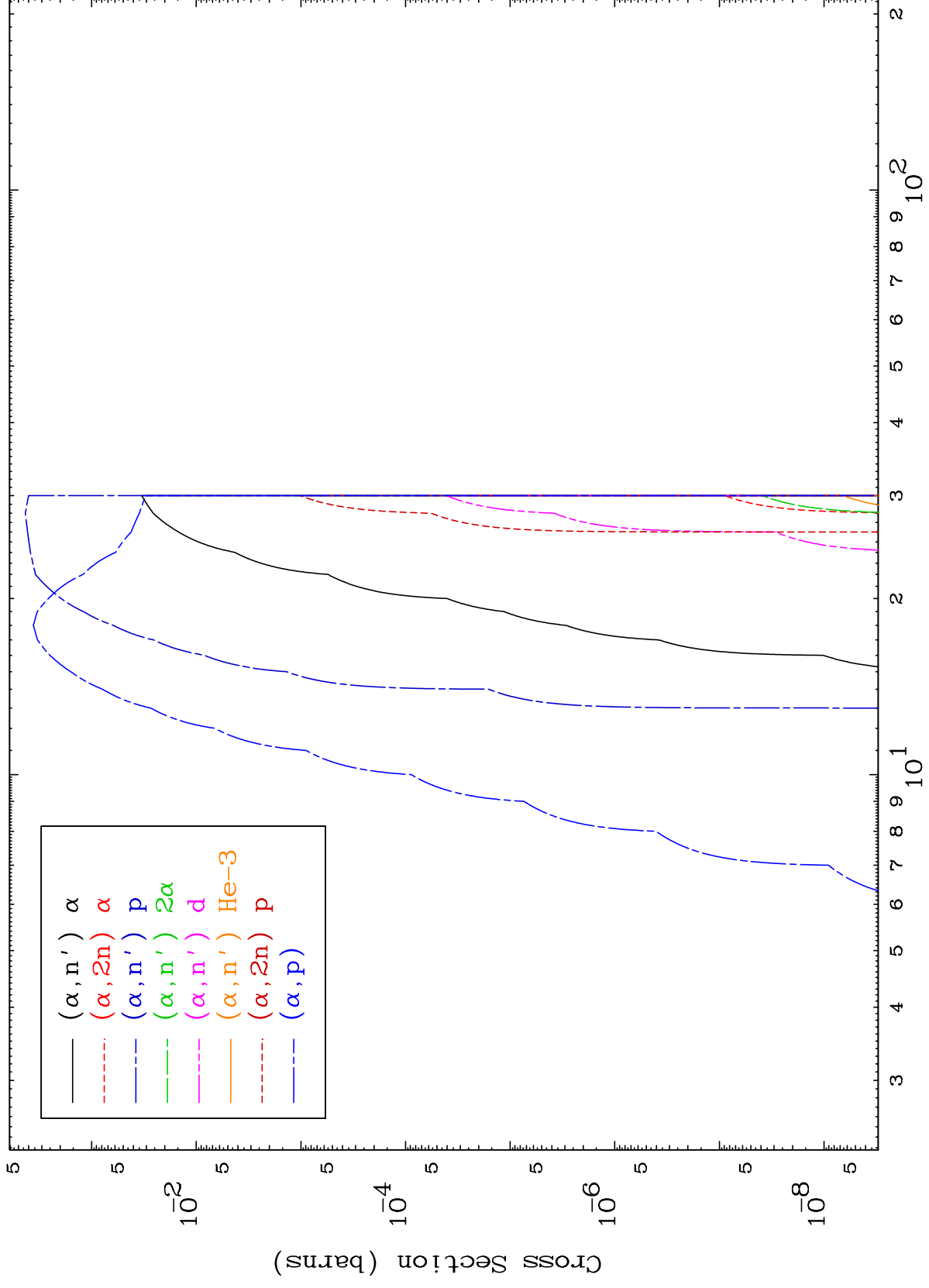
α Neutron Production
0 Kelvin Cross Sections

47-Ag-100



47-Ag-100

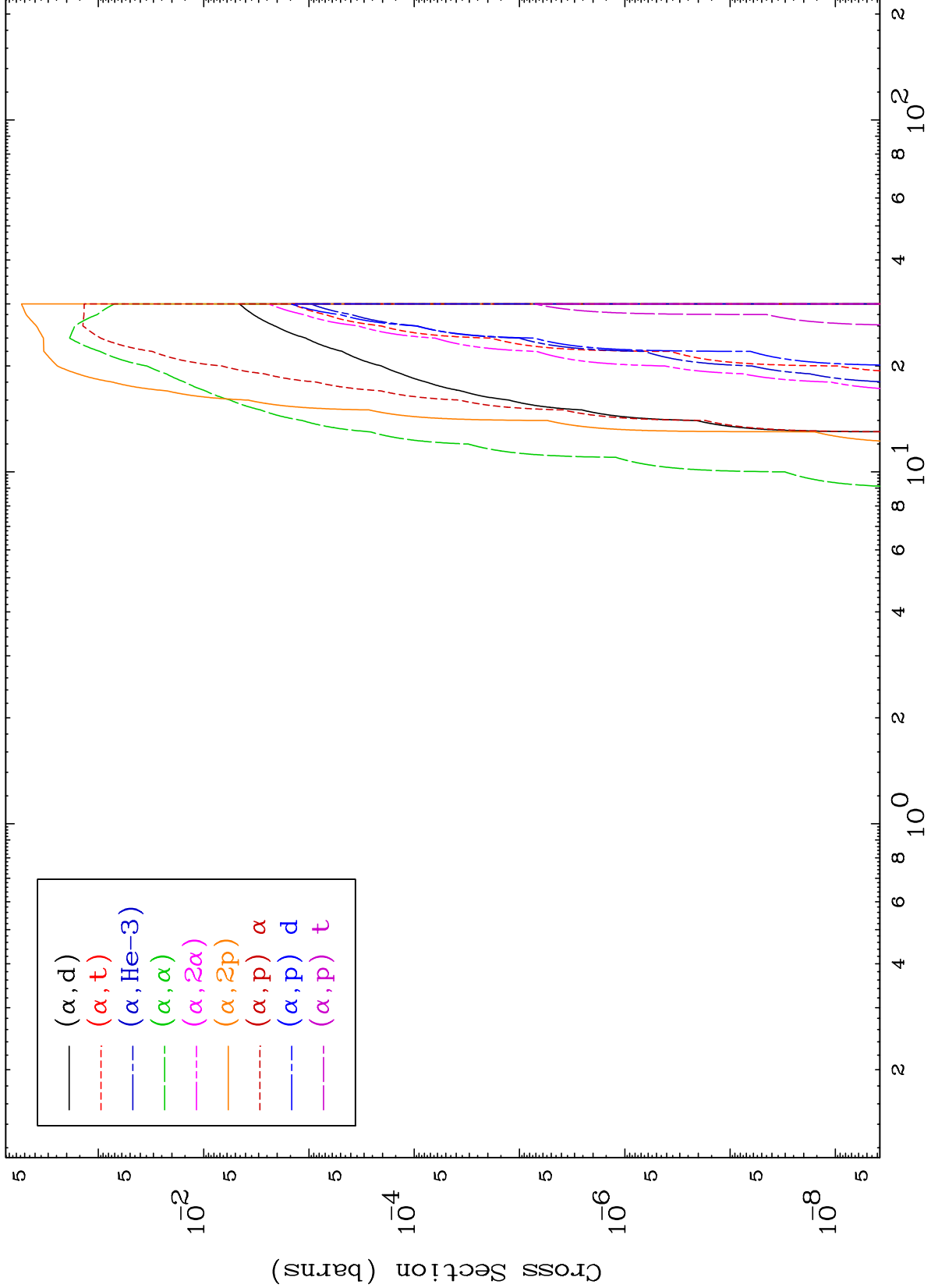
Incident Energy (MeV)



MAT 4705

α Charged Particle
0 Kelvin Cross Sections

47-Ag-100

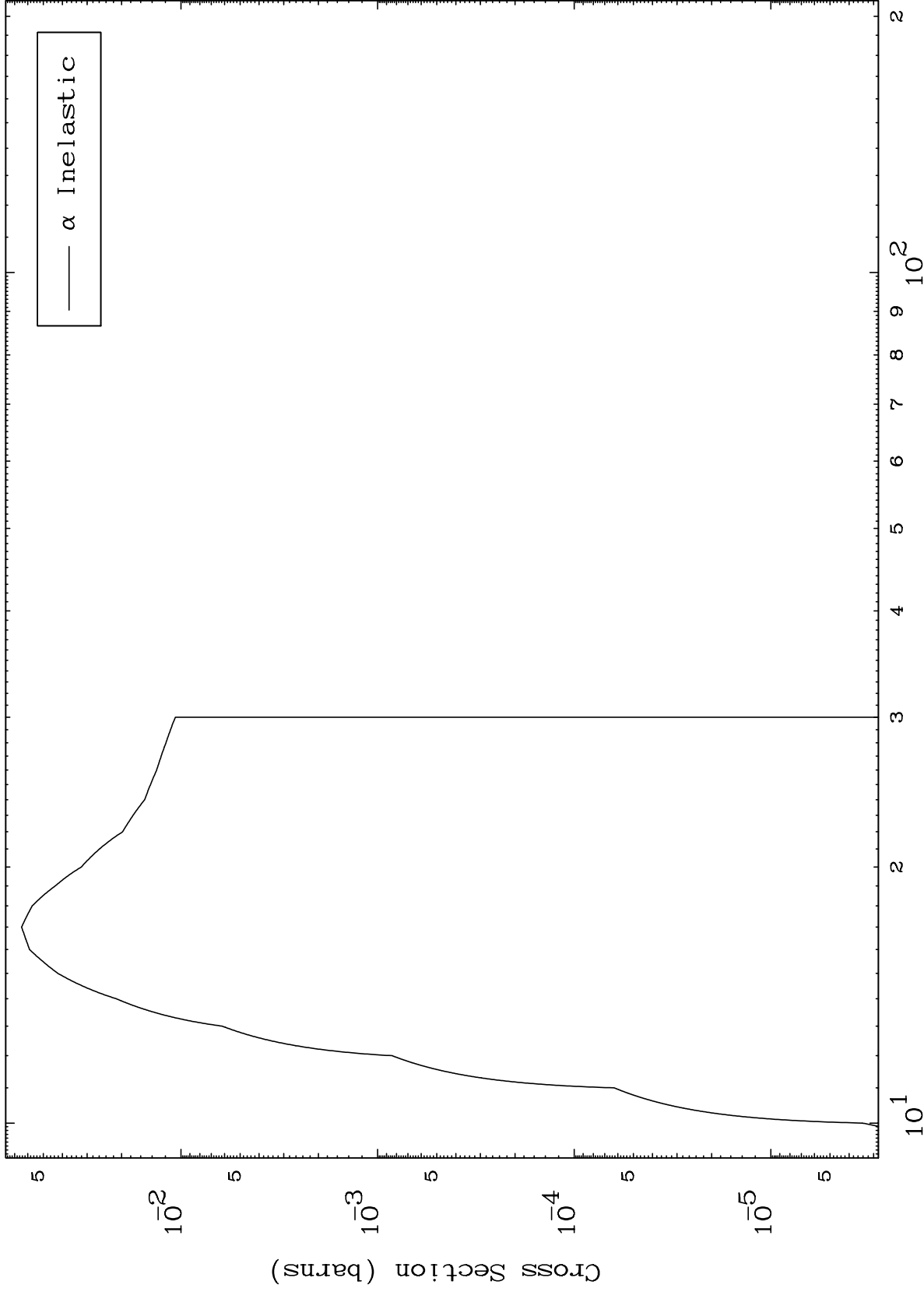


MAT 4705

(α, n') Level

47-Ag-100

0 Kelvin Cross Sections



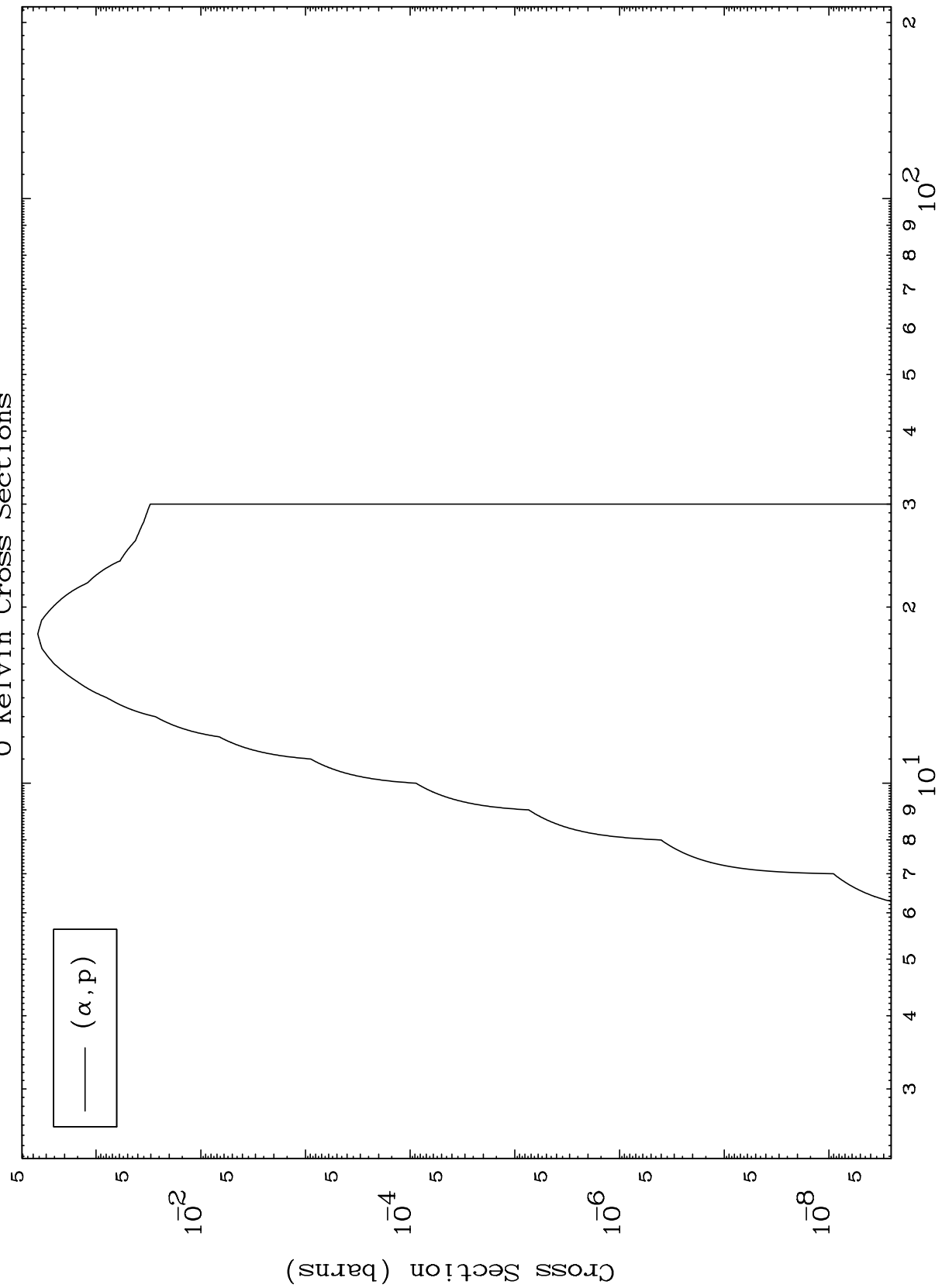
Incident Energy (MeV)

47-Ag-100

MAT 4705

47-Ag-100

(α, p) Levels
0 Kelvin Cross Sections

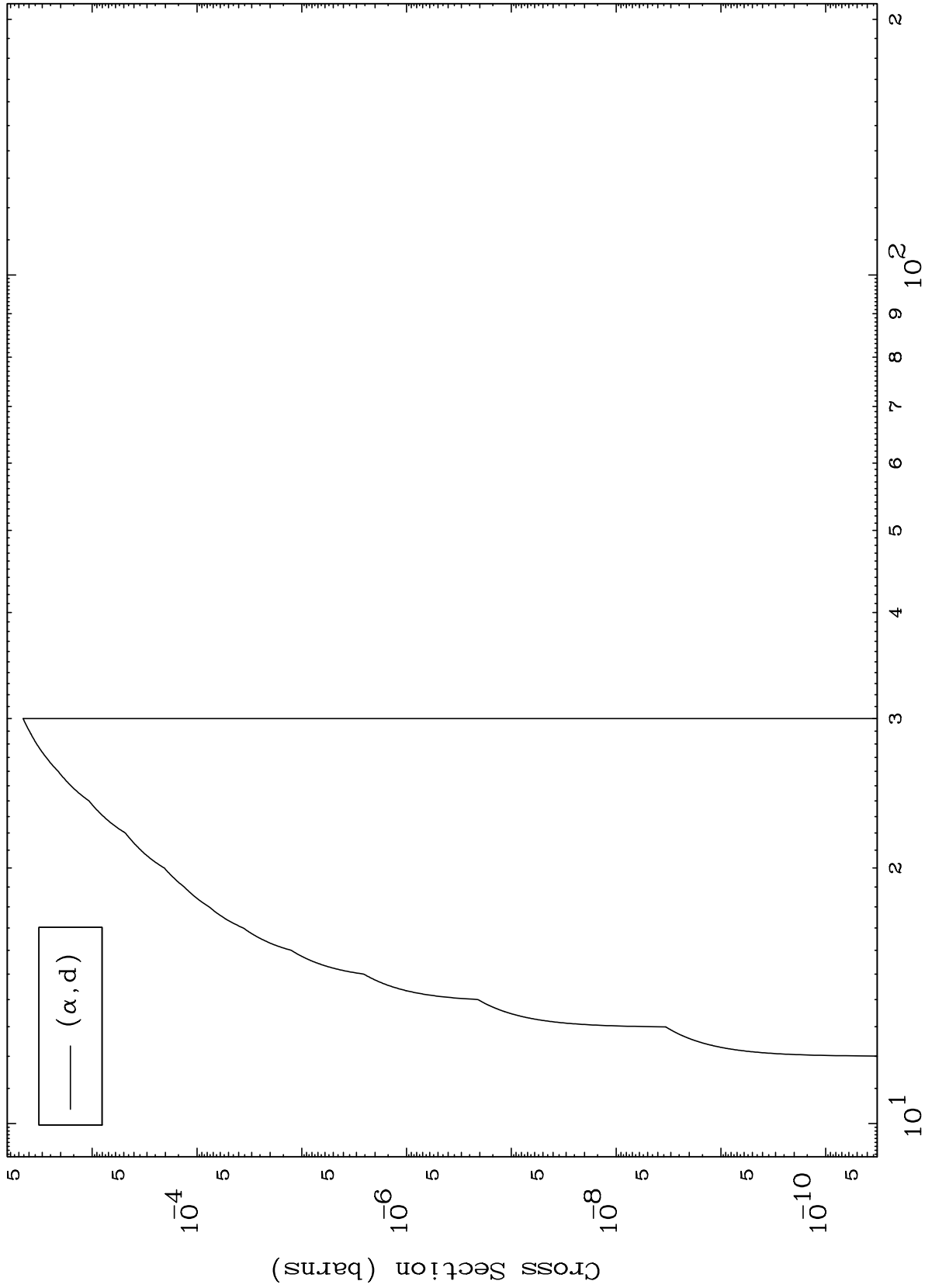


MAT 4705

(α, d) Levels

47-Ag-100

0 Kelvin Cross Sections



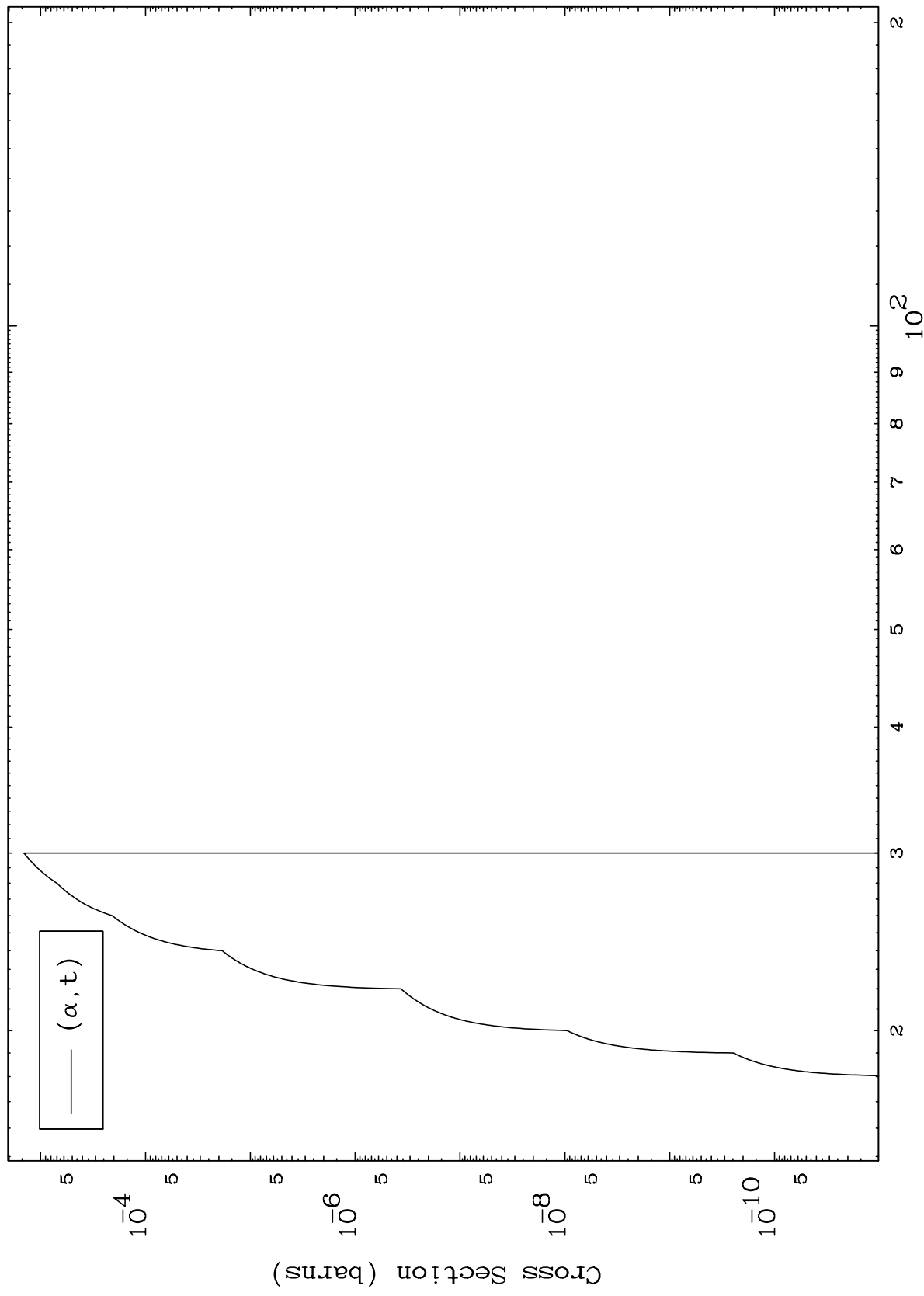
Incident Energy (MeV)

47-Ag-100

MAT 4705

47-Ag-100

(α, t) Levels
0 Kelvin Cross Sections



8

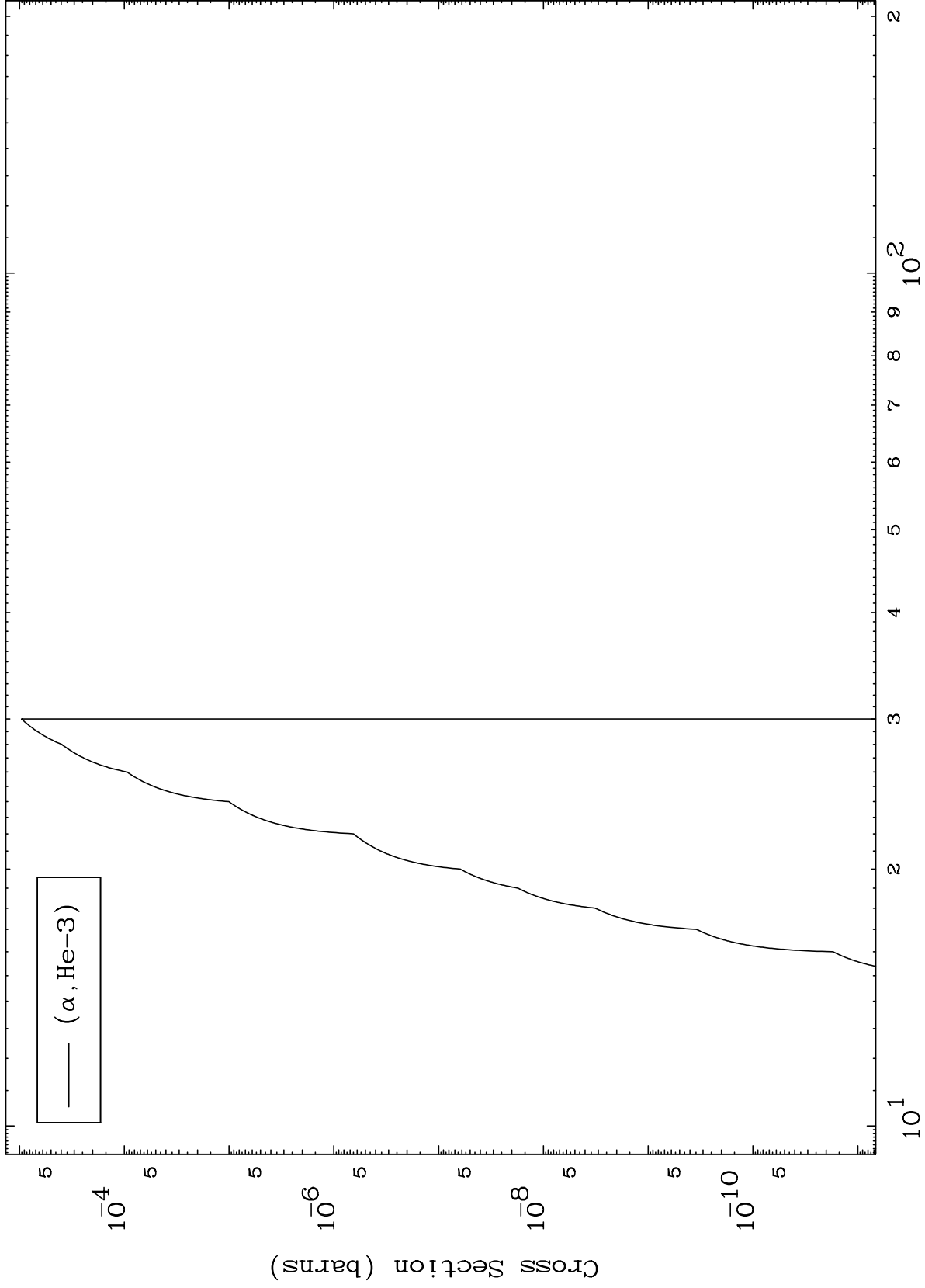
Incident Energy (MeV)

47-Ag-100

MAT 4705

(α , He3) Levels
0 Kelvin Cross Sections

47-Ag-100



Incident Energy (MeV)

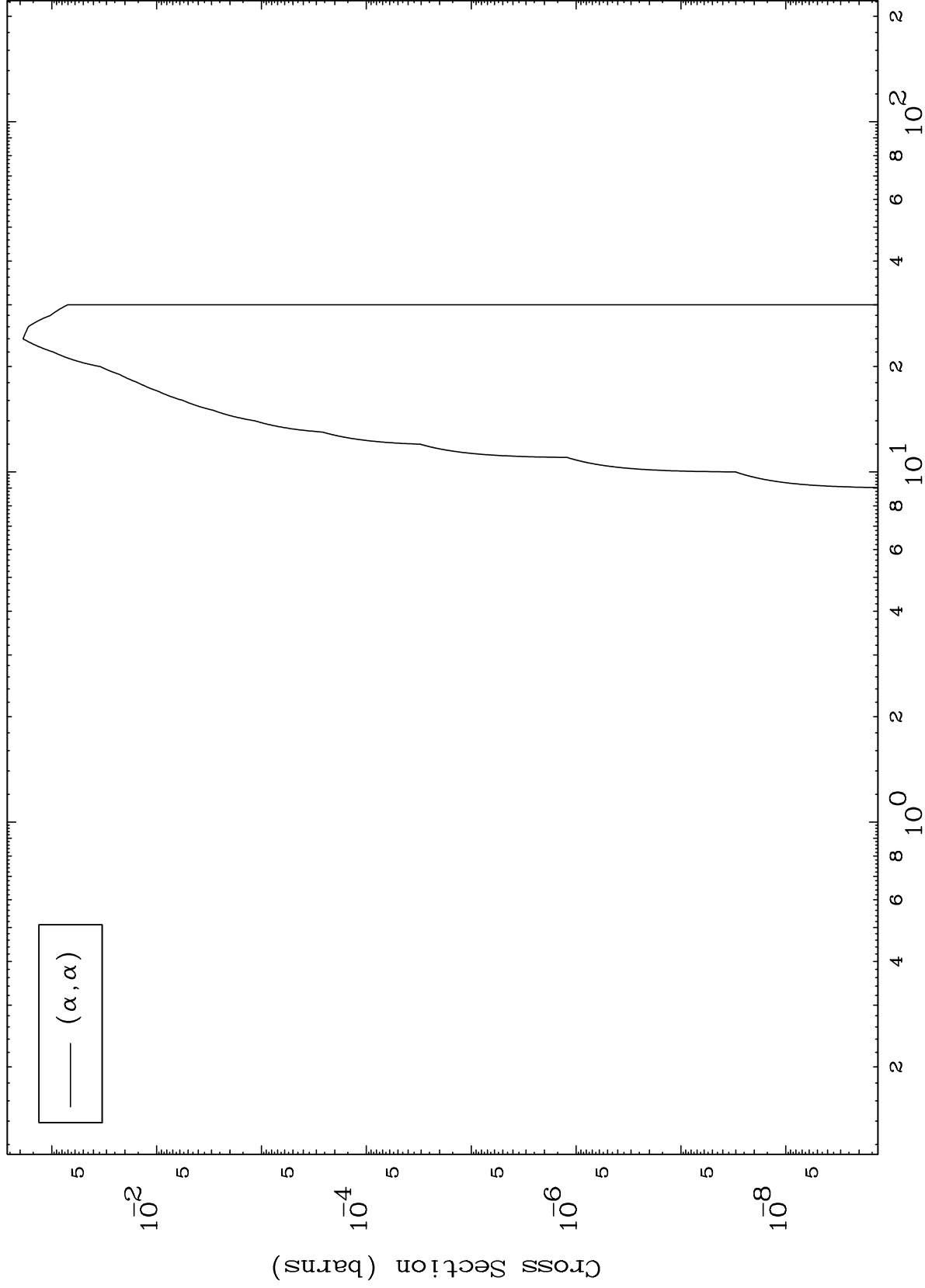
47-Ag-100

MAT 4705

(α, α) Levels

47-Ag-100

0 Kelvin Cross Sections



10

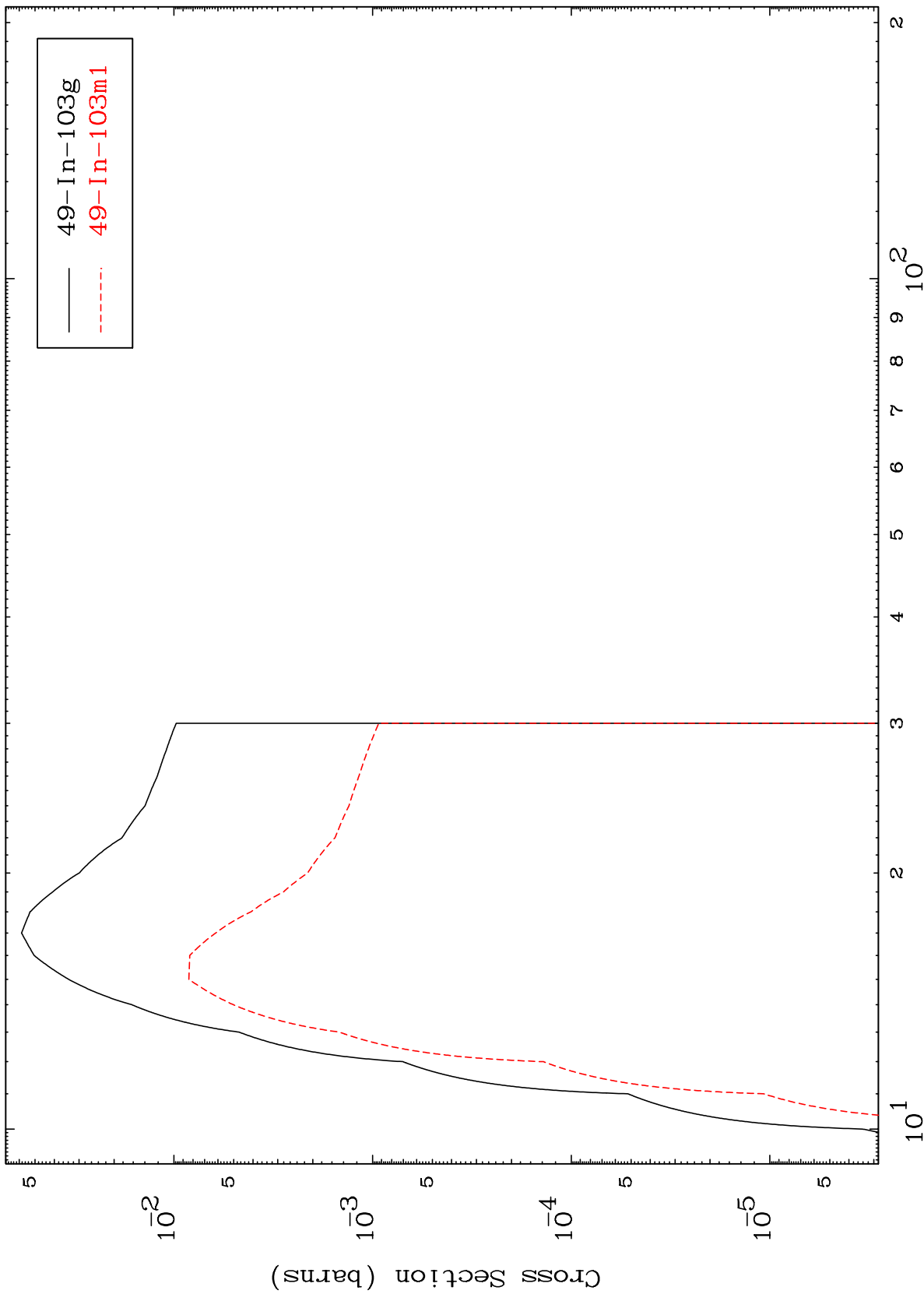
Incident Energy (MeV)

47-Ag-100

MAT 4705

47-Ag-100

Radionuclide Production Cross Section
 α Inelastic



47-Ag-100

Incident Energy (MeV)

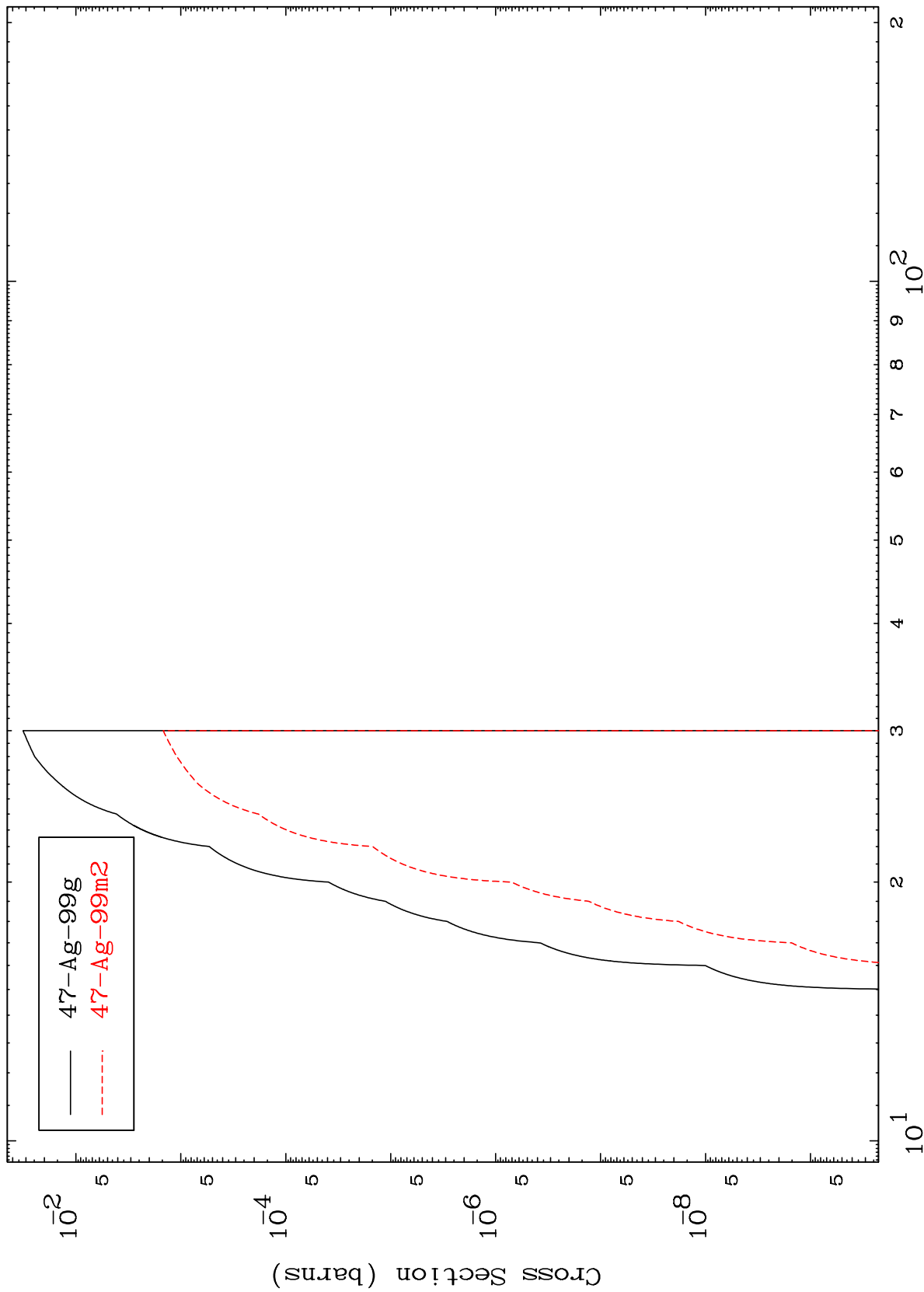
11

MAT 4705

(α, n') α

47-Ag-100

Radionuclide Production Cross Section



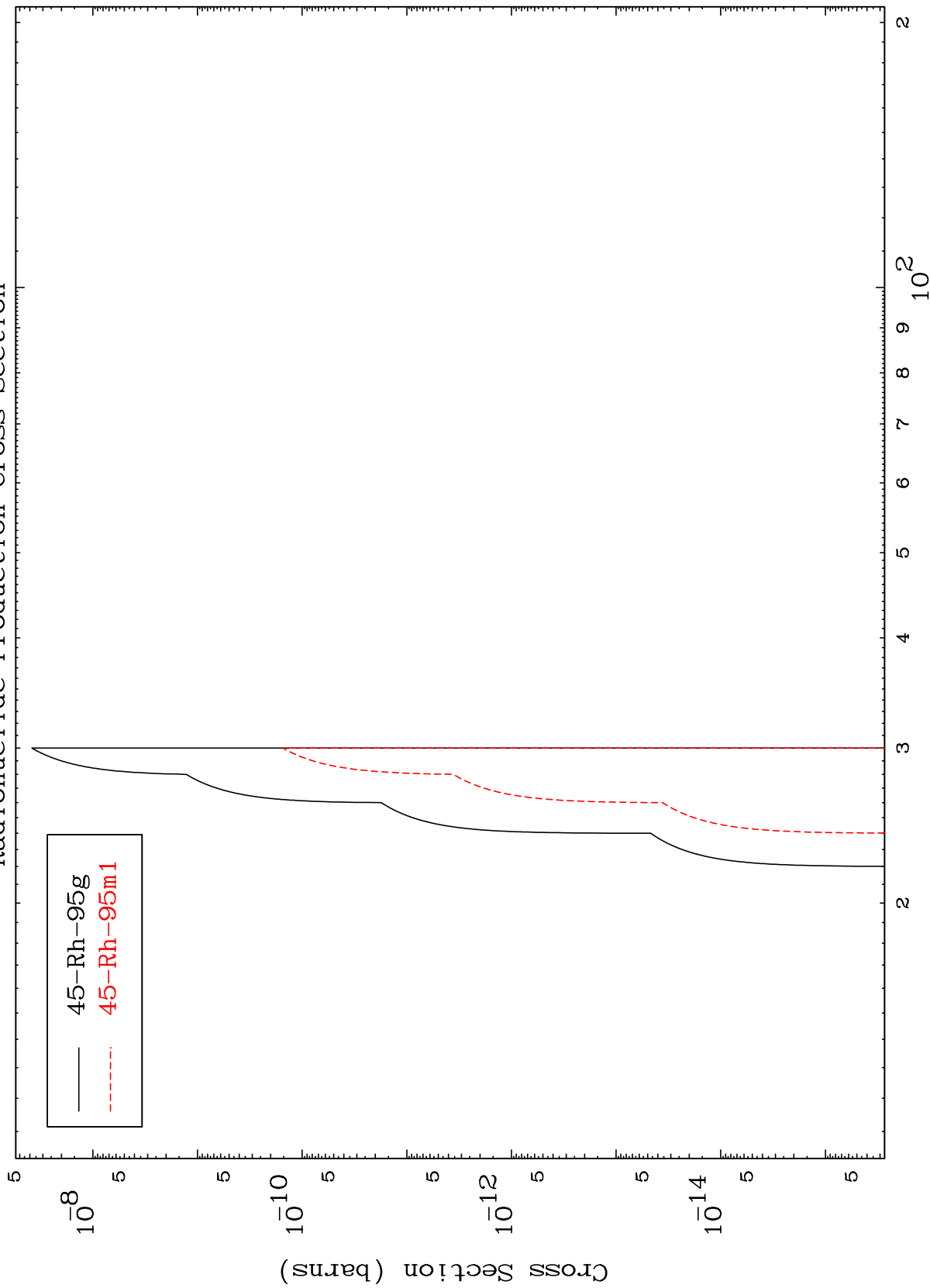
Incident Energy (MeV)

47-Ag-100

MAT 4705

47-Ag-100

(α, n') 2α
Radionuclide Production Cross Section



47-Ag-100

Incident Energy (MeV)

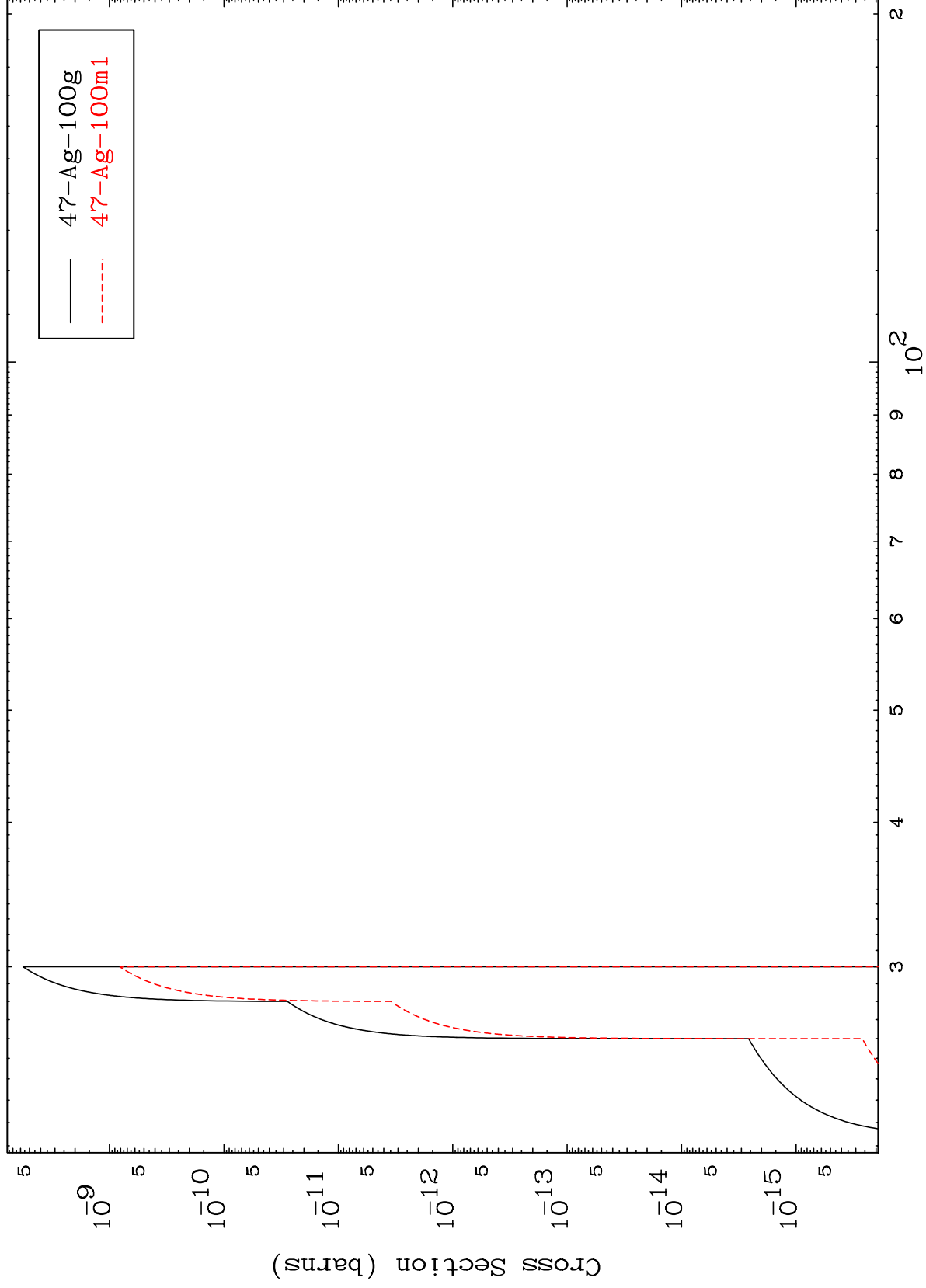
13

MAT 4705

(α, n') He-3

47-Ag-100

Radionuclide Production Cross Section



14

Incident Energy (MeV)

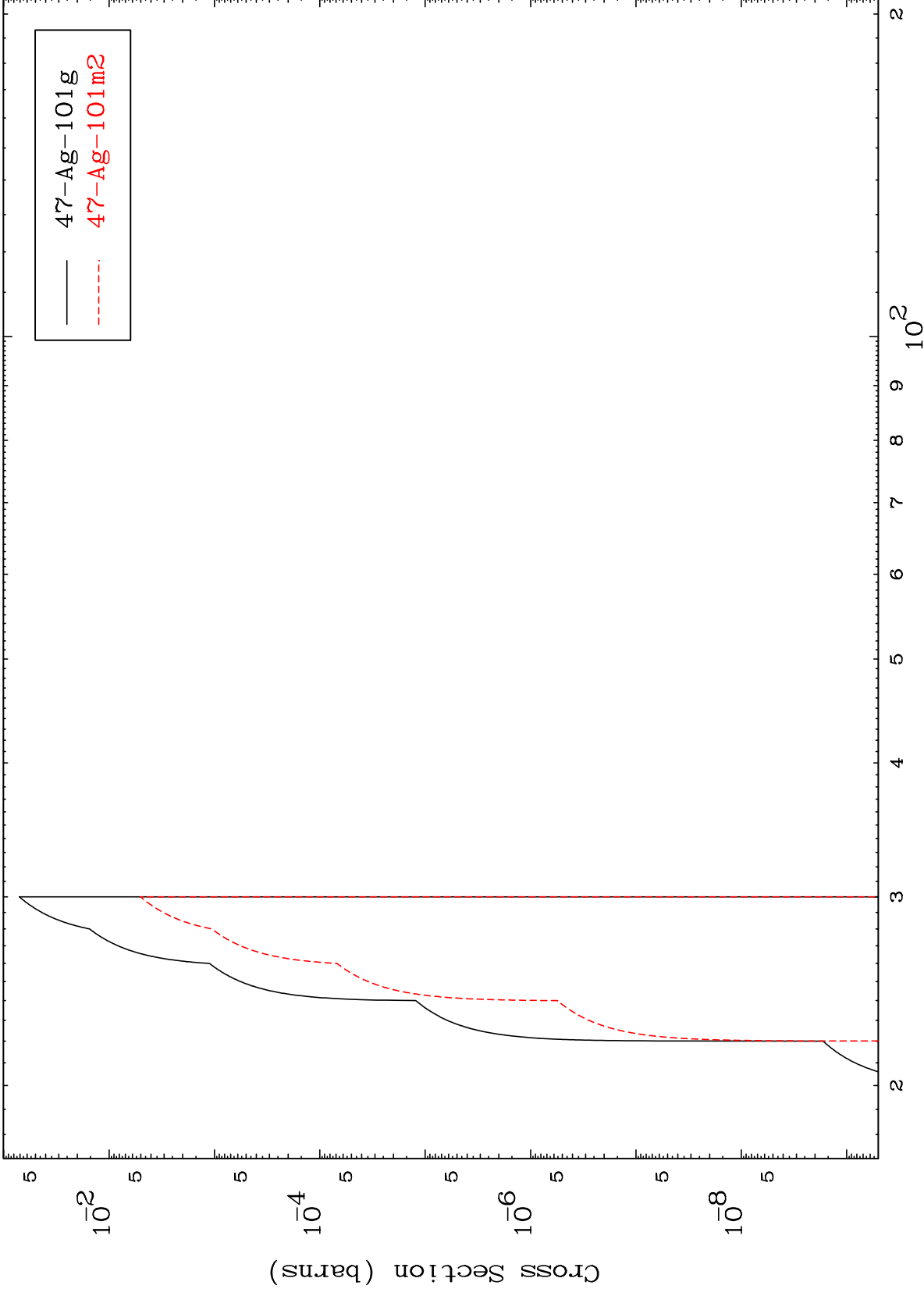
47-Ag-100

MAT 4705

$(\alpha, 2n)$ p

47-Ag-100

Radionuclide Production Cross Section



15

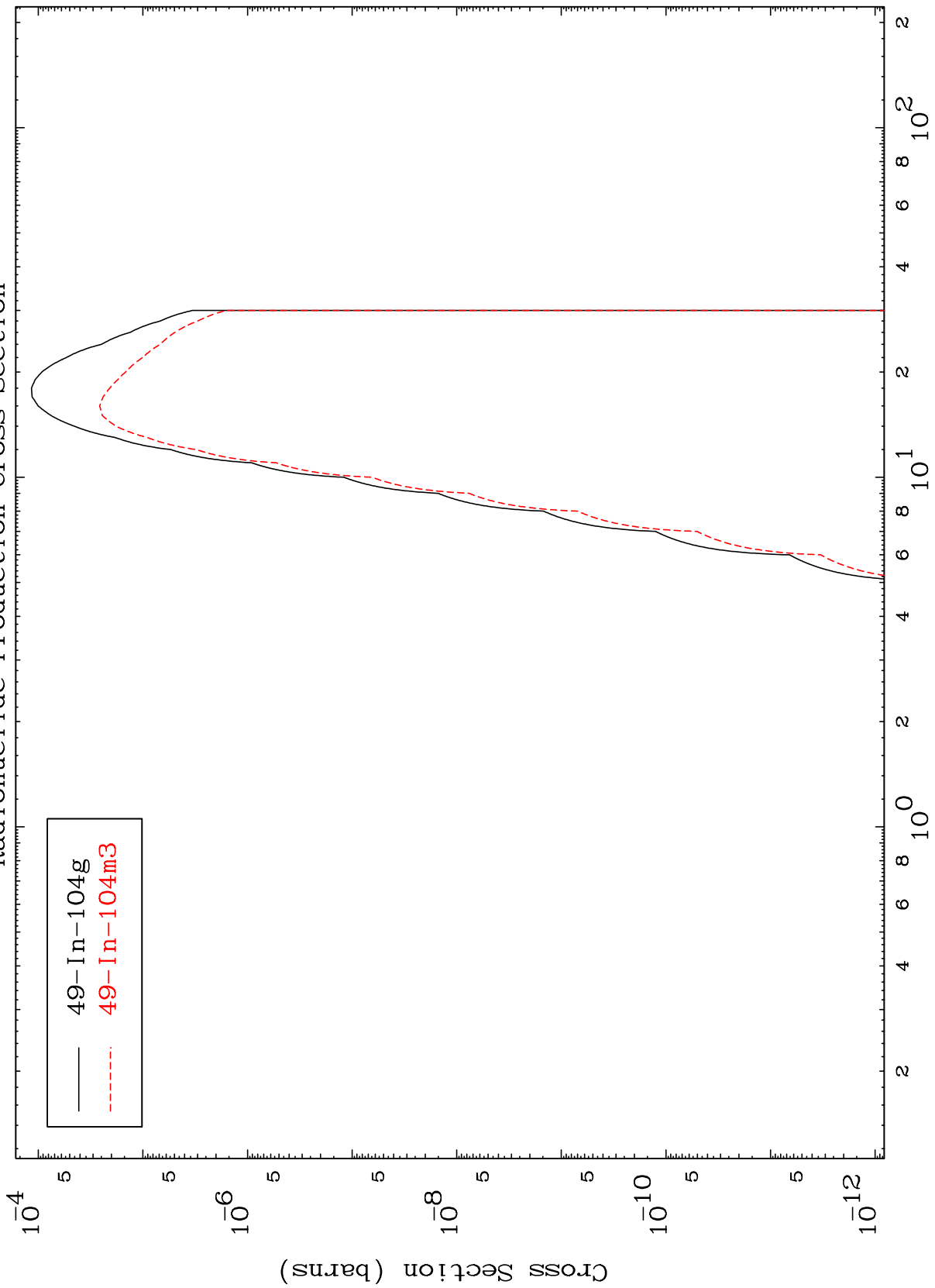
Incident Energy (MeV)

47-Ag-100

MAT 4705

47-Ag-100

(α, γ)
Radionuclide Production Cross Section



— 49-In-104g
- - - 49-In-104m3

47-Ag-100

Incident Energy (MeV)

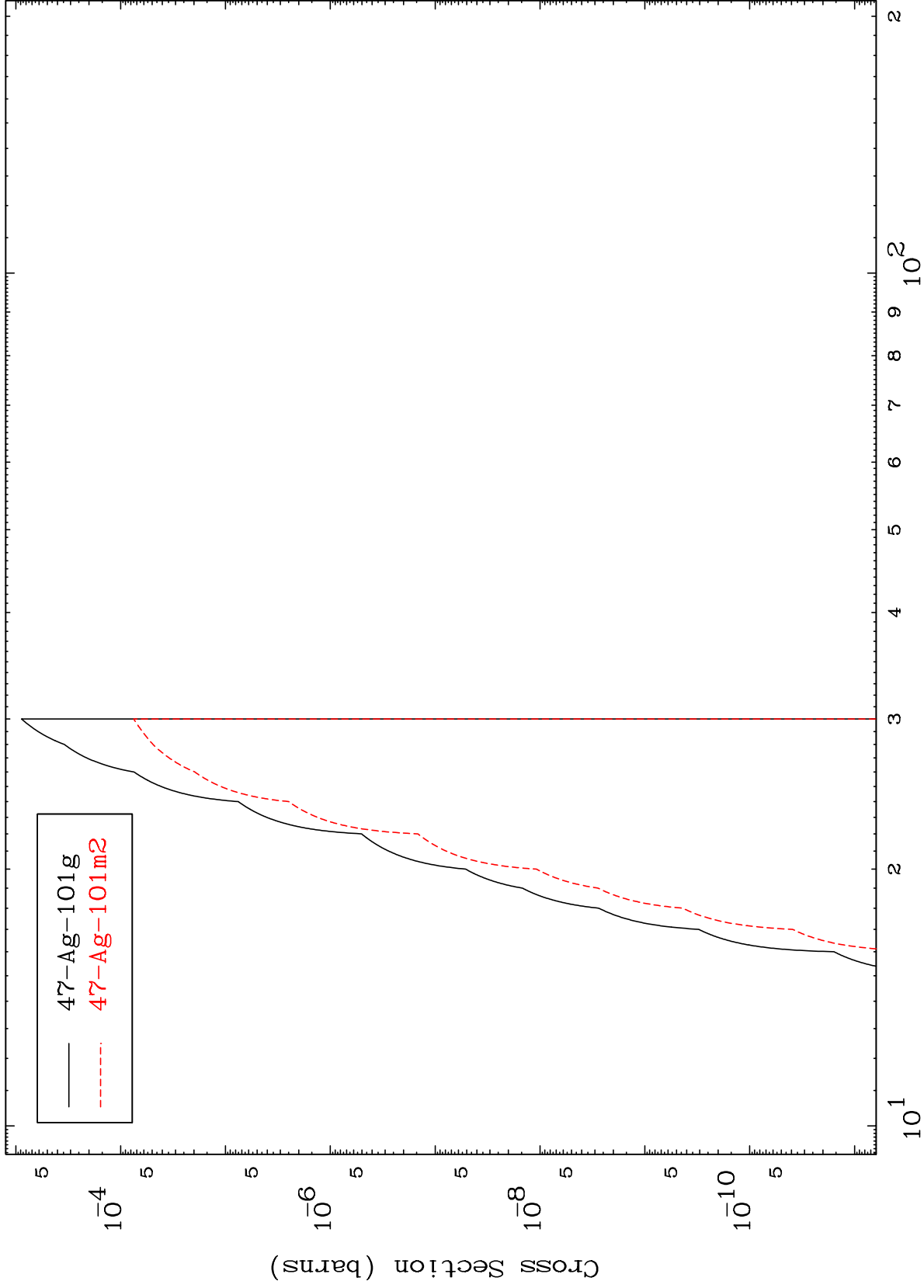
16

MAT 4705

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

47-Ag-100

Radionuclide Production Cross Section



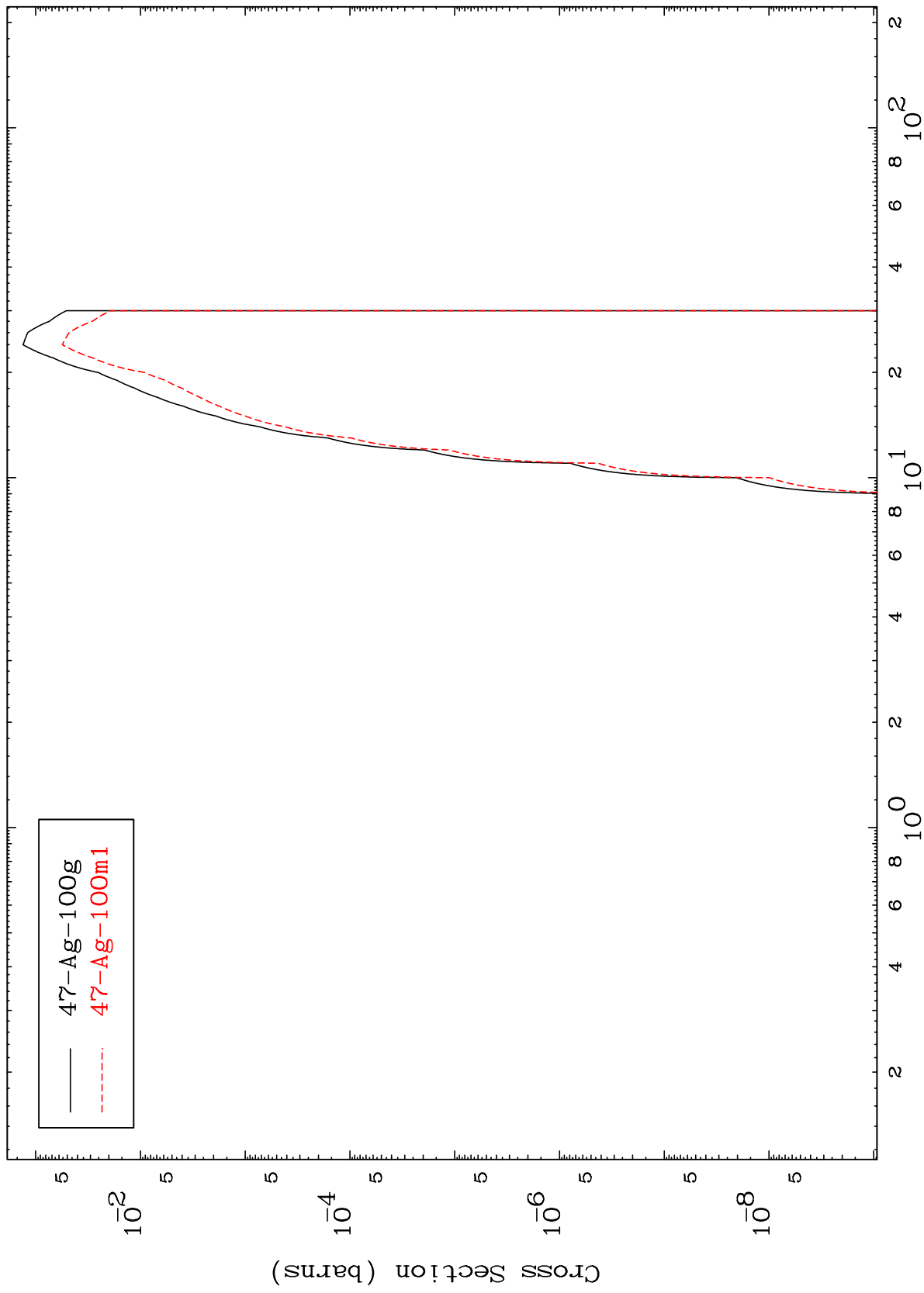
Incident Energy (MeV)

47-Ag-100

MAT 4705

47-Ag-100

Radionuclide Production Cross Section
(α, α)



18

Incident Energy (MeV)

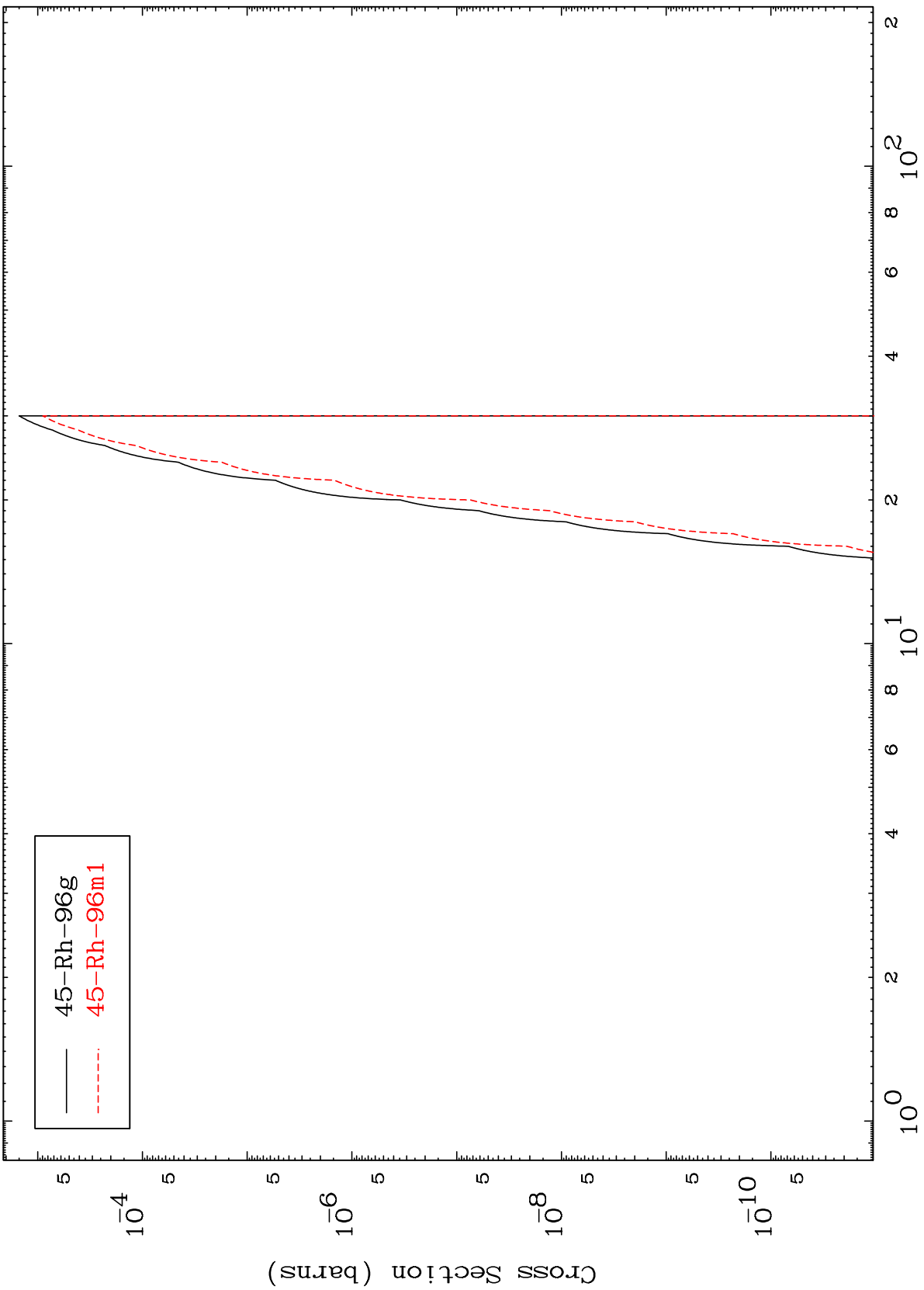
47-Ag-100

MAT 4705

($\alpha, 2\alpha$)

47-Ag-100

Radionuclide Production Cross Section



19

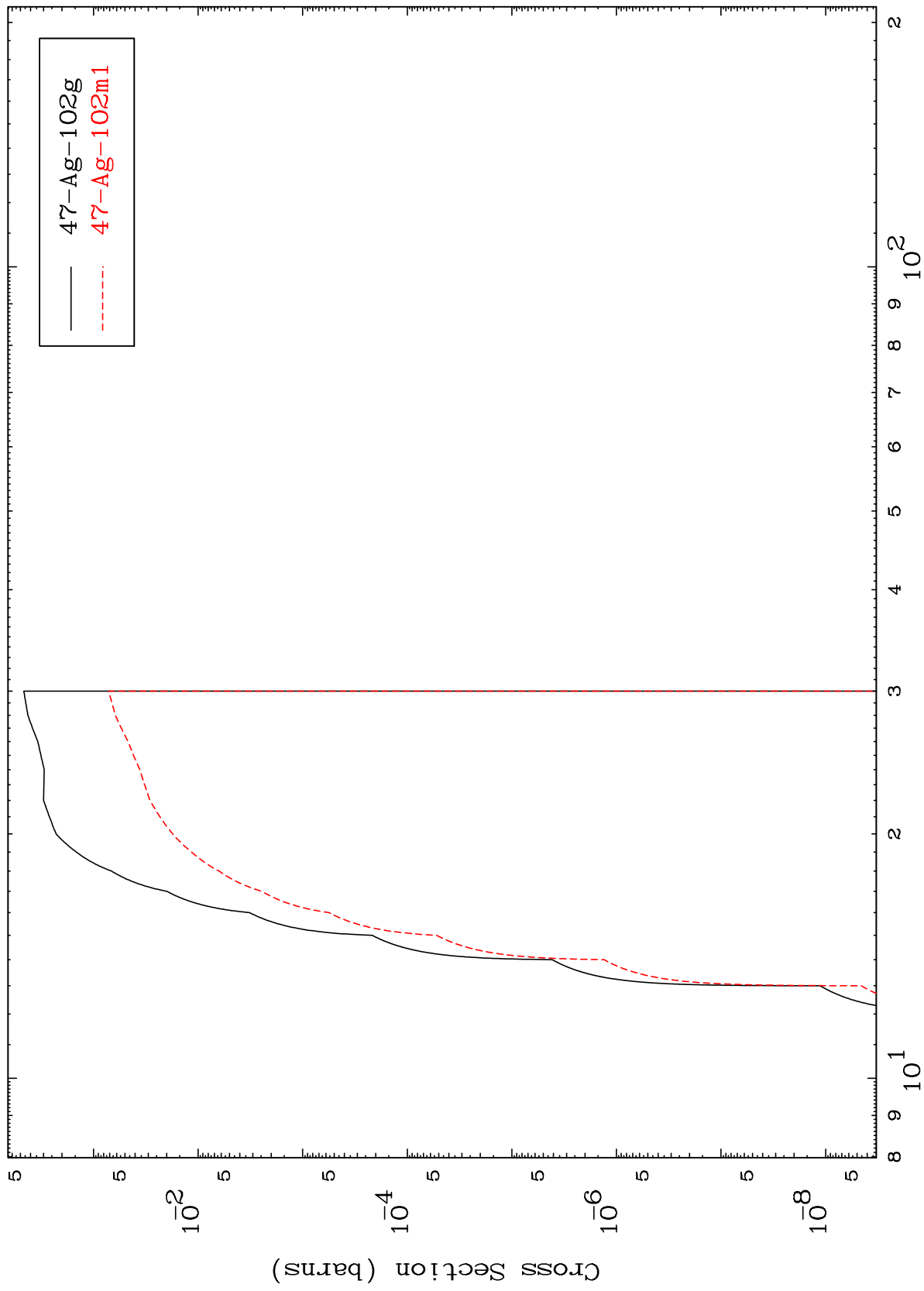
Incident Energy (MeV)

47-Ag-100

MAT 4705

47-Ag-100

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

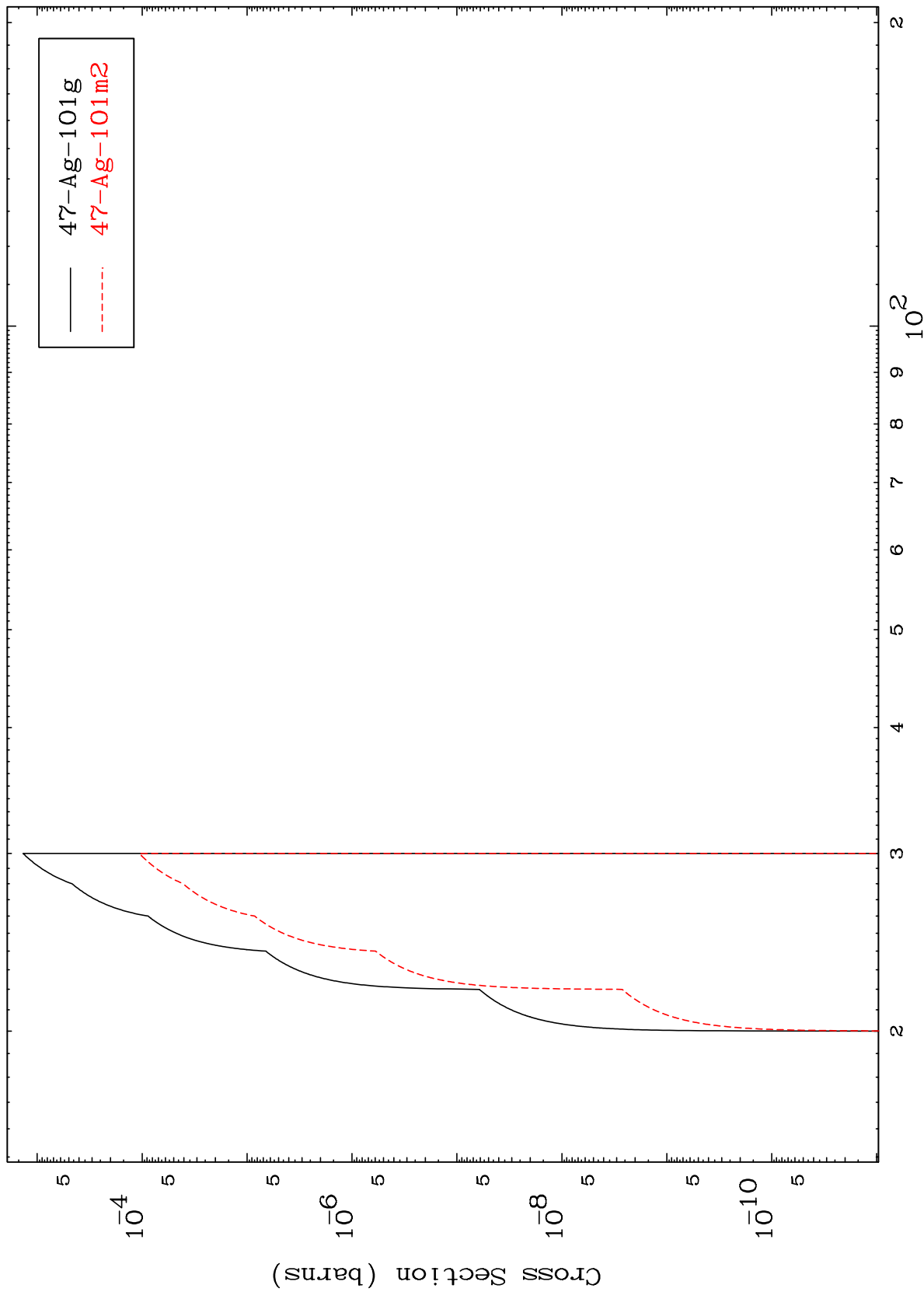


20

Incident Energy (MeV)

47-Ag-100

Radionuclide Production Cross Section



MAT 4705

(α, p) t

47-Ag-100

Radionuclide Production Cross Section

