

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

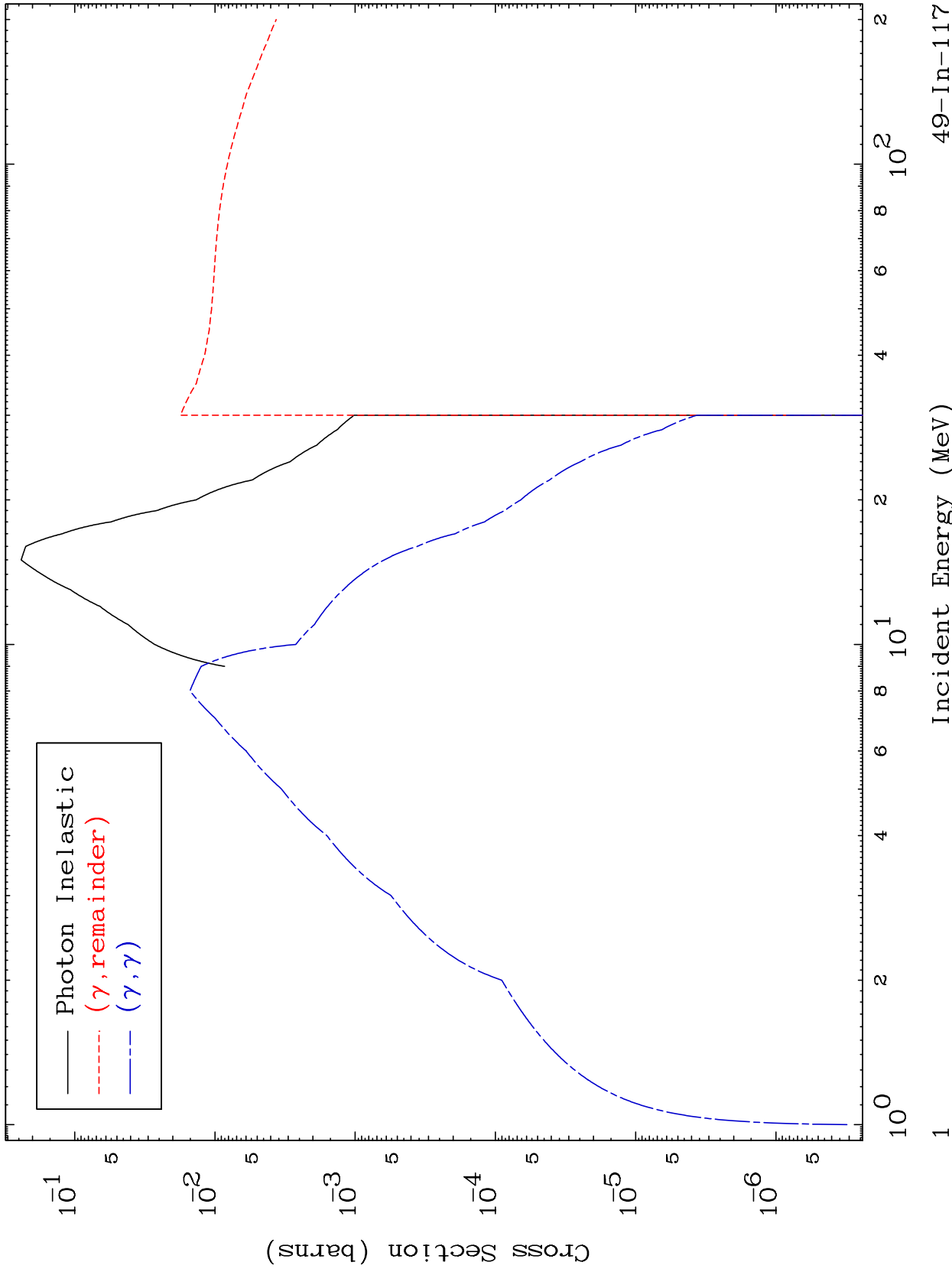
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4937

Photon Major
0 Kelvin Cross Sections

49-In-117

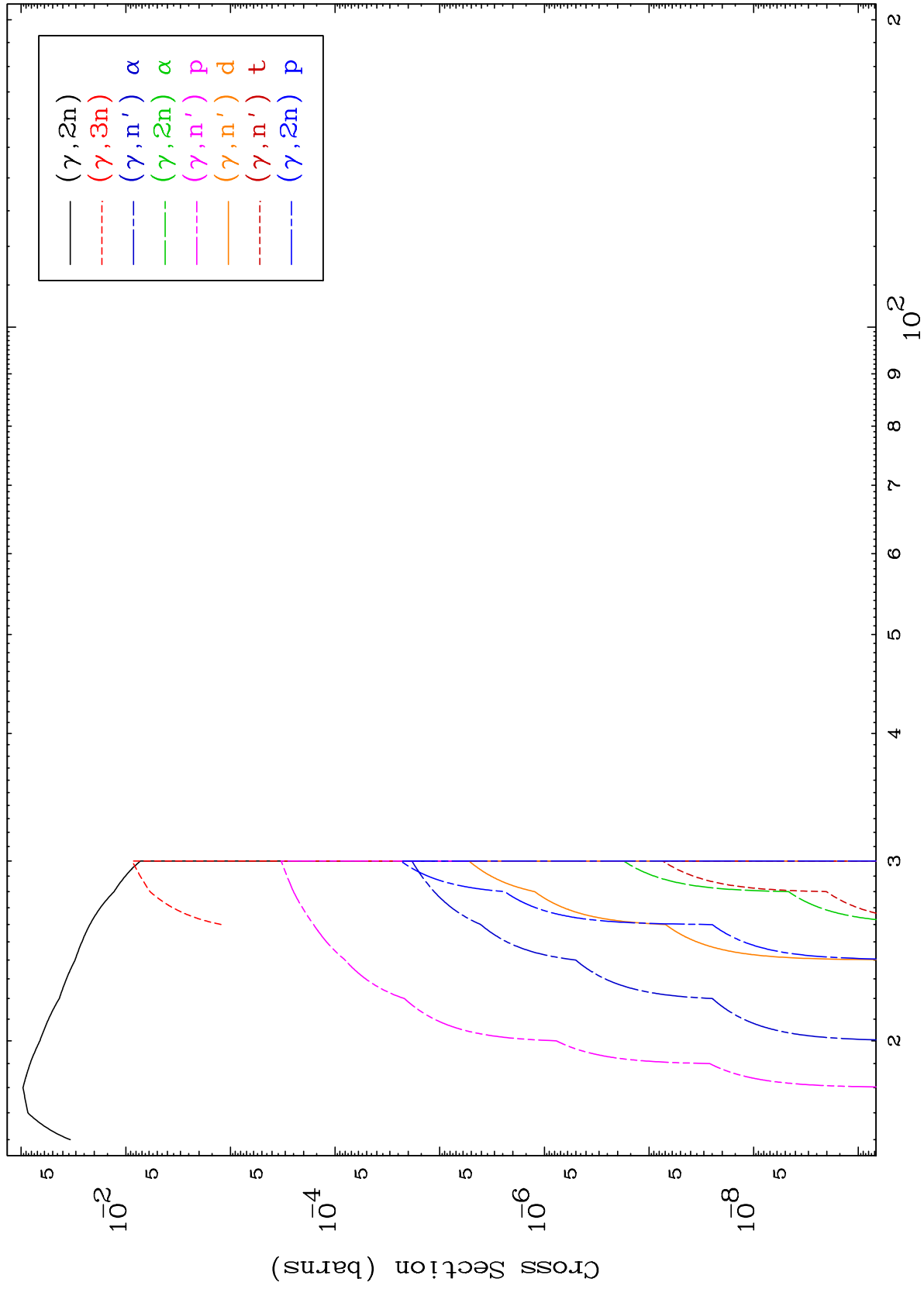


49-In-117

MAT 4937

Photon Neutron Production
0 Kelvin Cross Sections

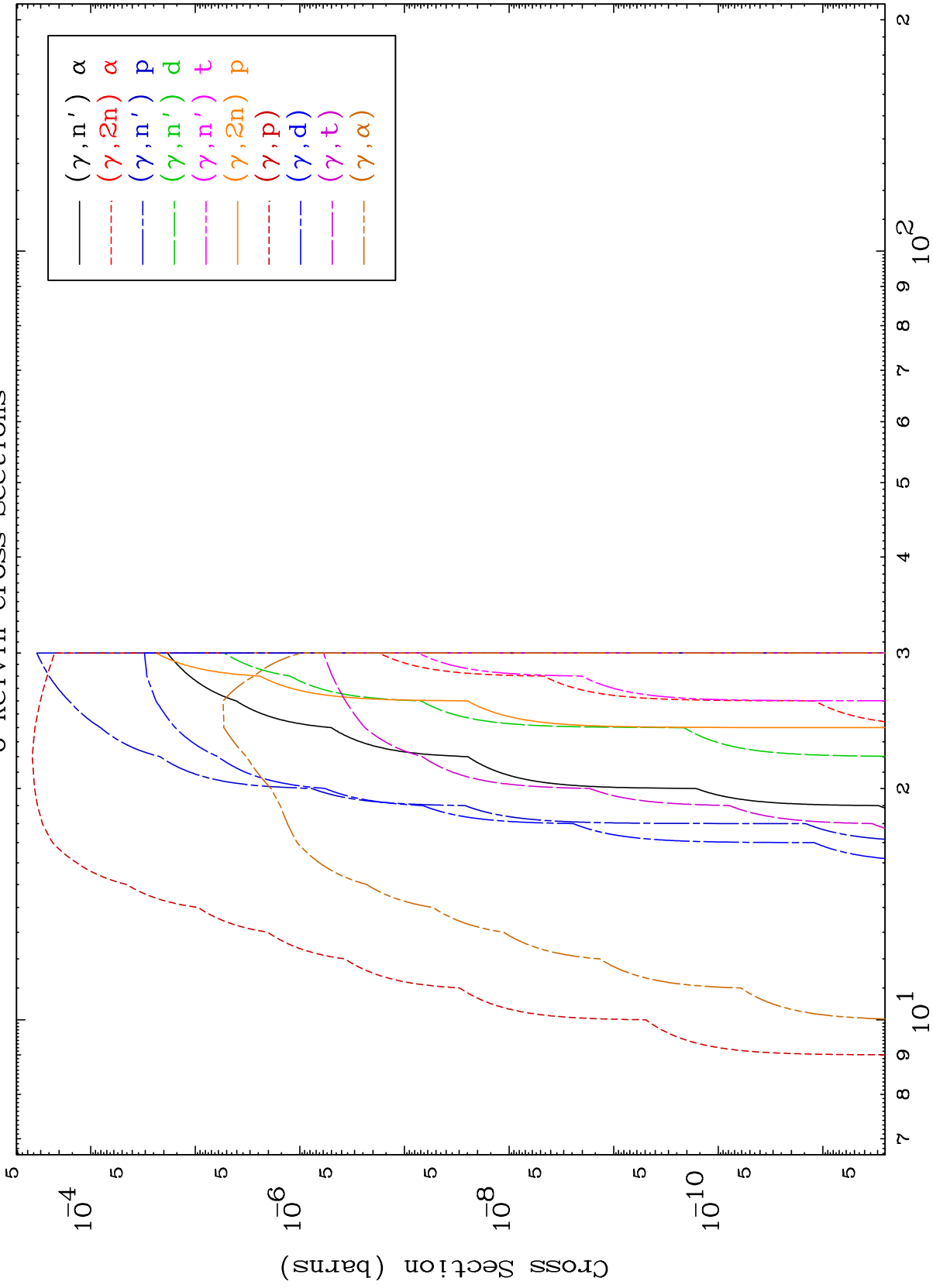
49-In-117



2

Incident Energy (MeV)

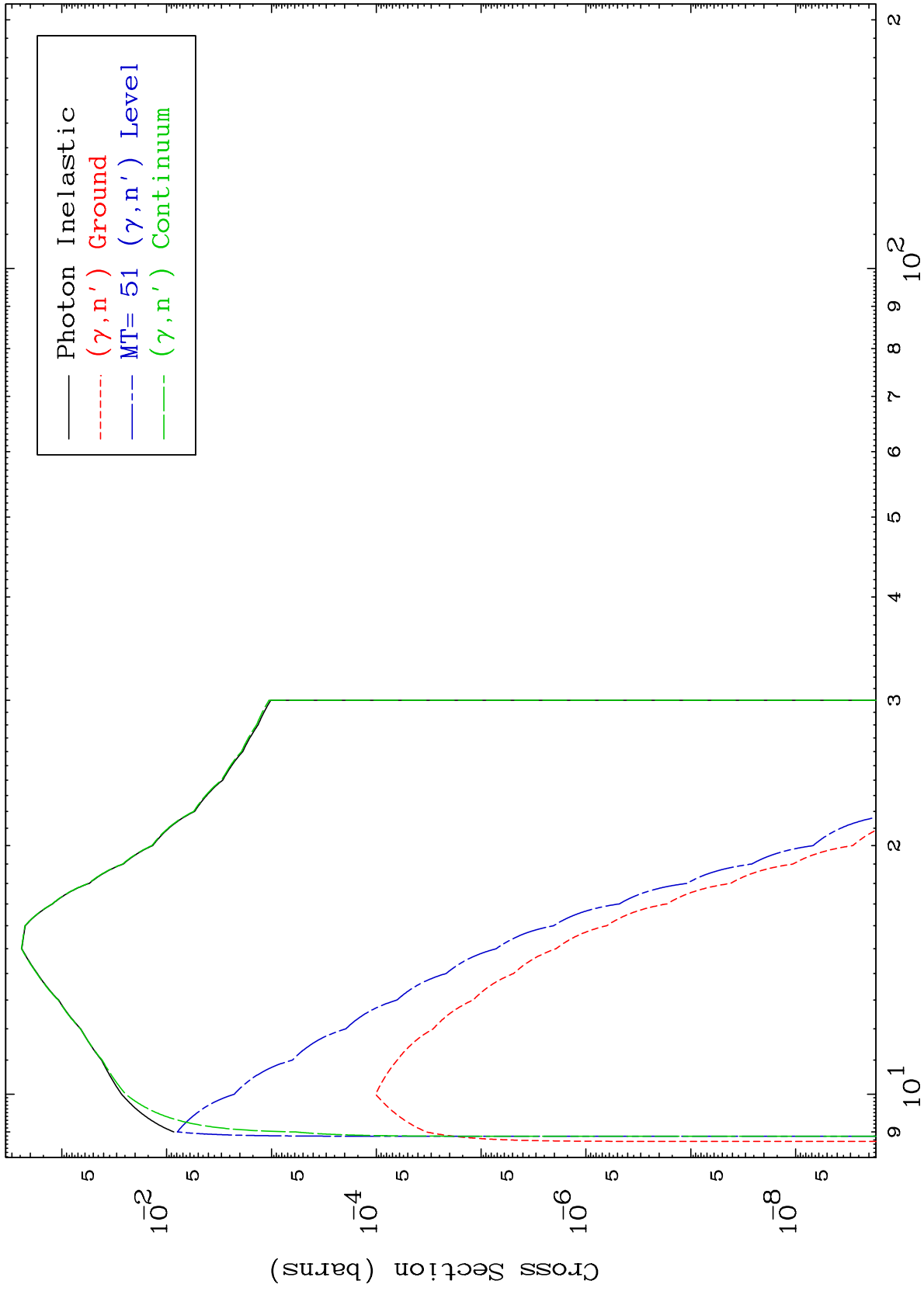
49-In-117



MAT 4937

(γ, n') Level
0 Kelvin Cross Sections

49-In-117



4

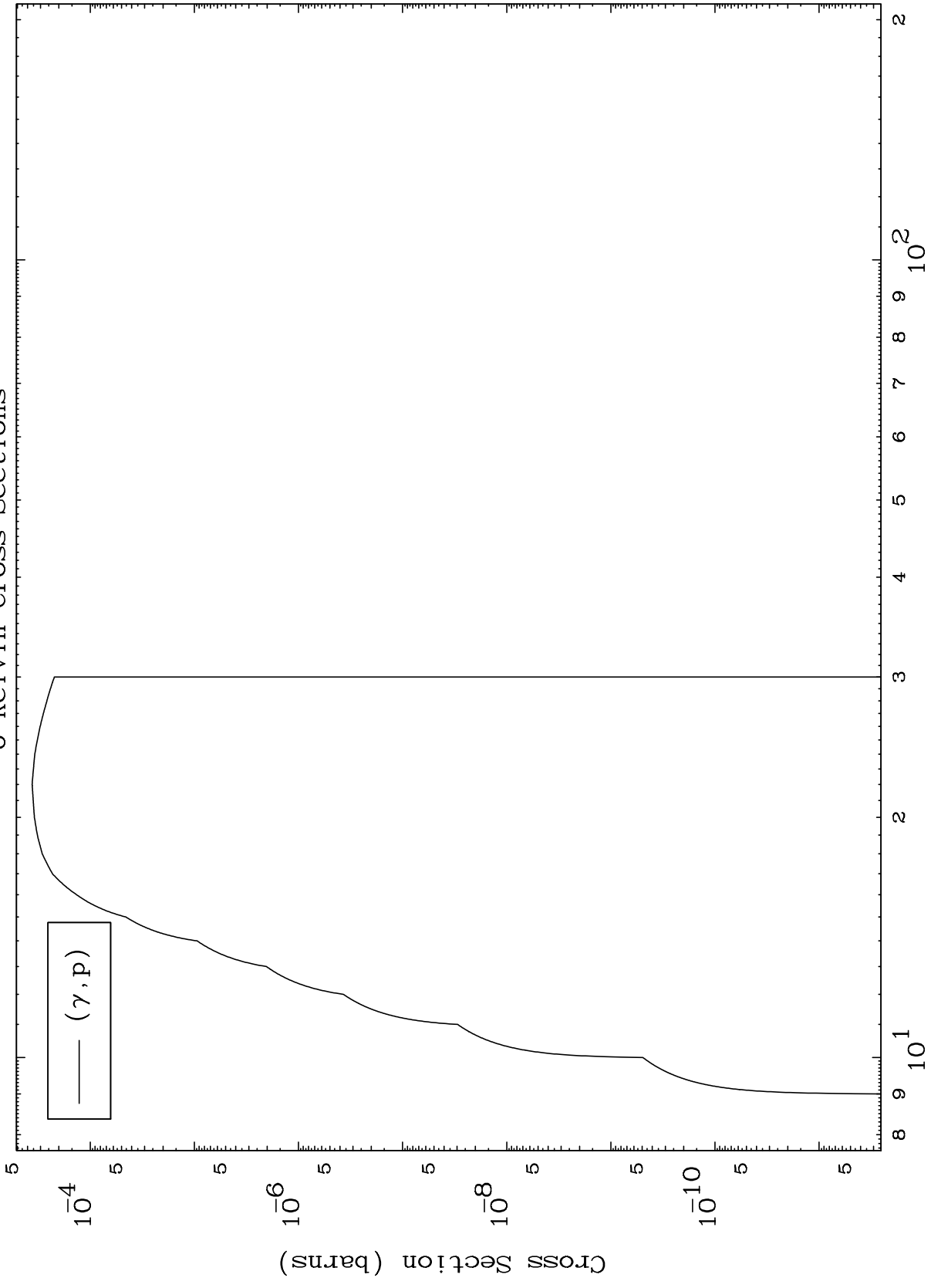
Incident Energy (MeV)

49-In-117

MAT 4937

(γ, p) Levels
0 Kelvin Cross Sections

49-In-117



5

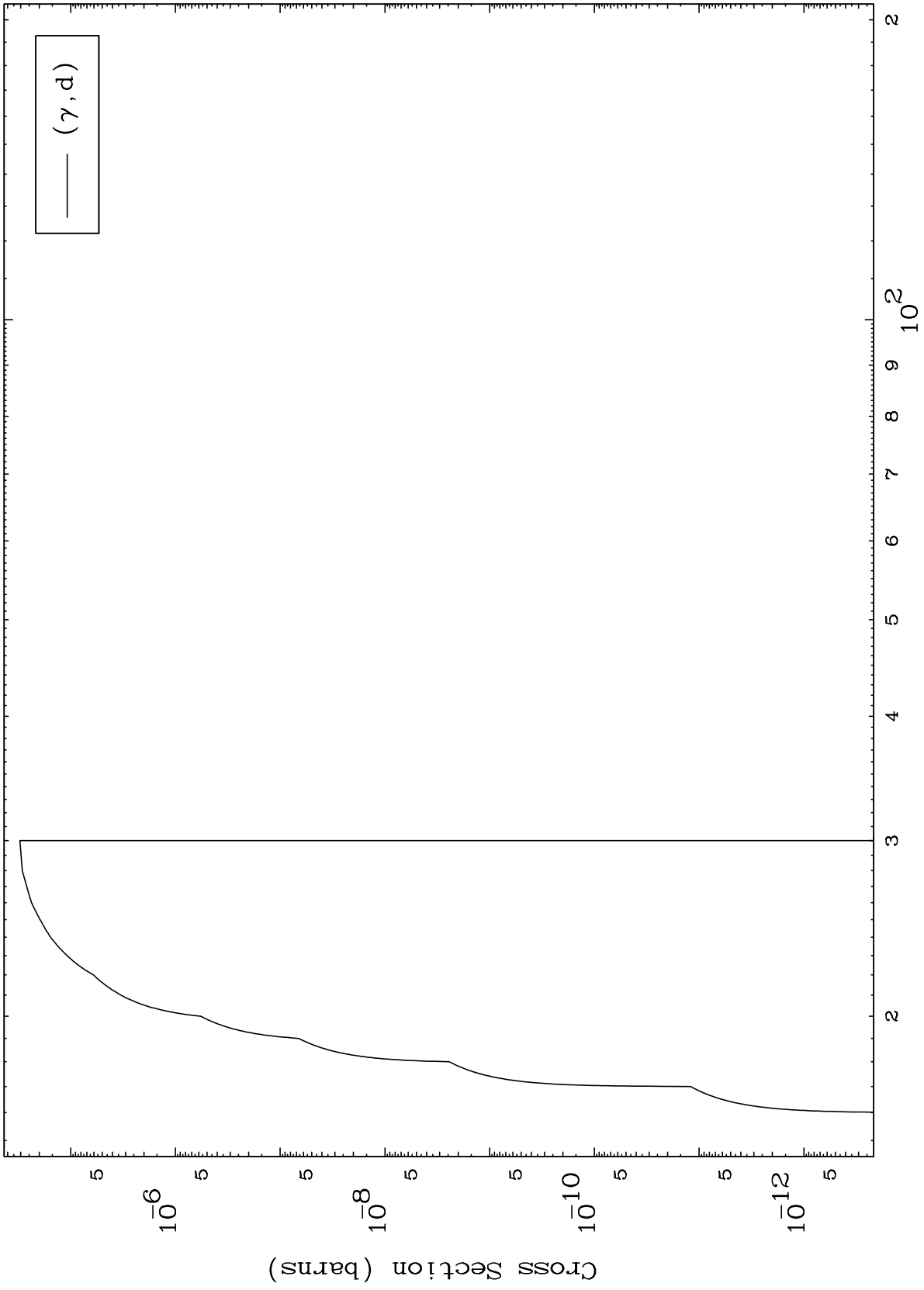
Incident Energy (MeV)

49-In-117

MAT 4937

(γ, d) Levels
0 Kelvin Cross Sections

49-In-117



6

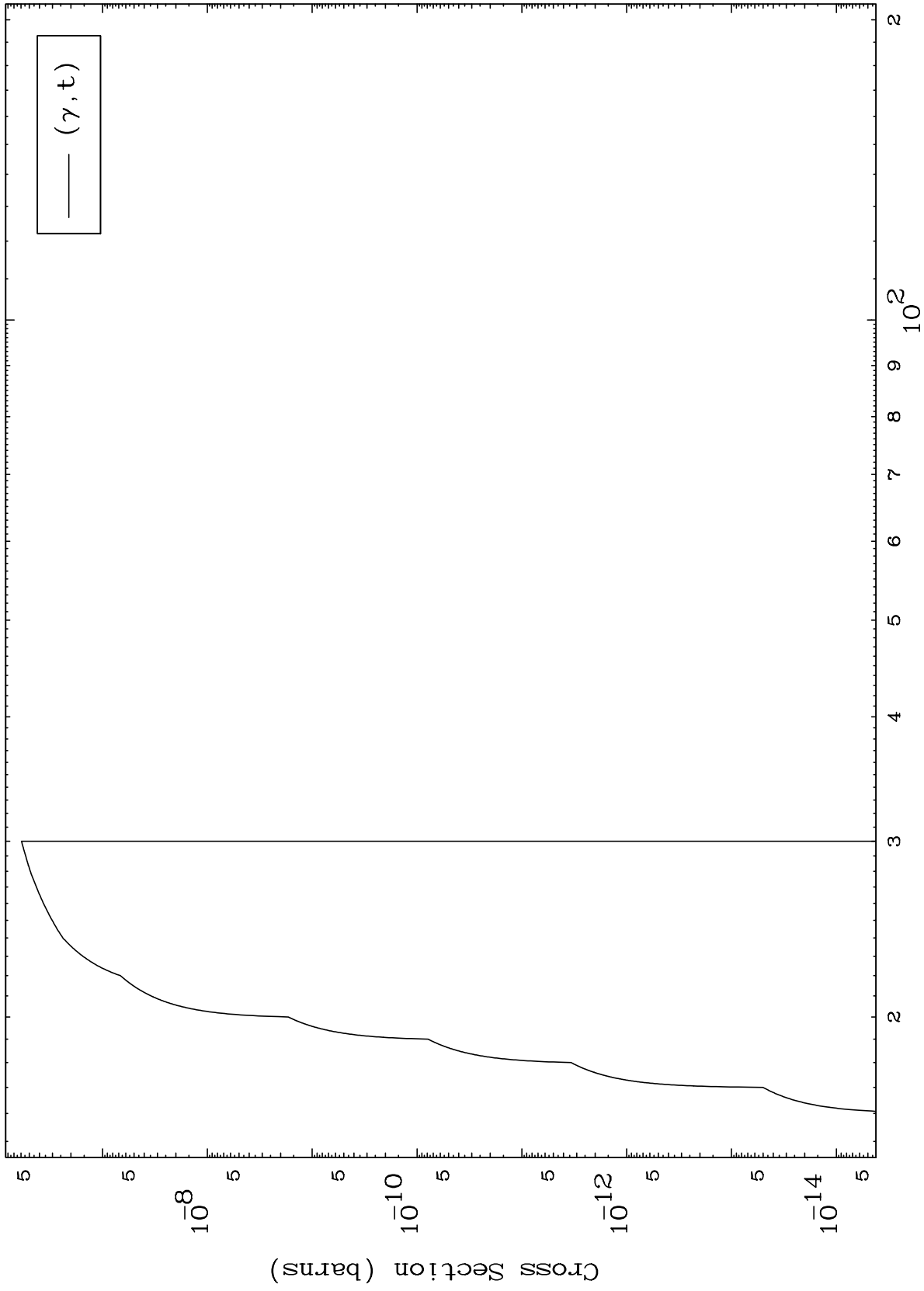
Incident Energy (MeV)

49-In-117

MAT 4937

(γ, t) Levels
0 Kelvin Cross Sections

49-In-117



7

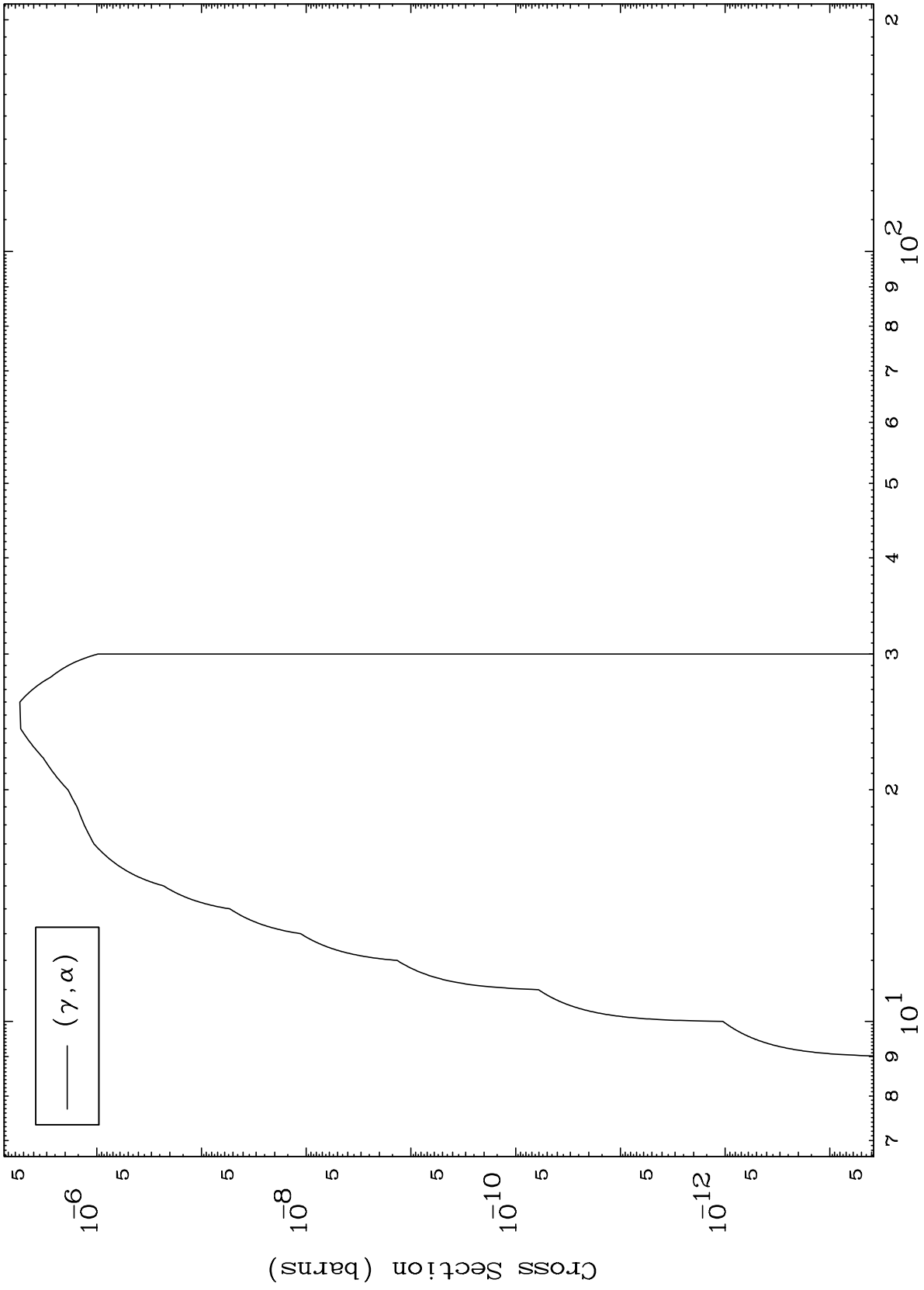
Incident Energy (MeV)

49-In-117

MAT 4937

(γ, α) Levels
0 Kelvin Cross Sections

49-In-117



8

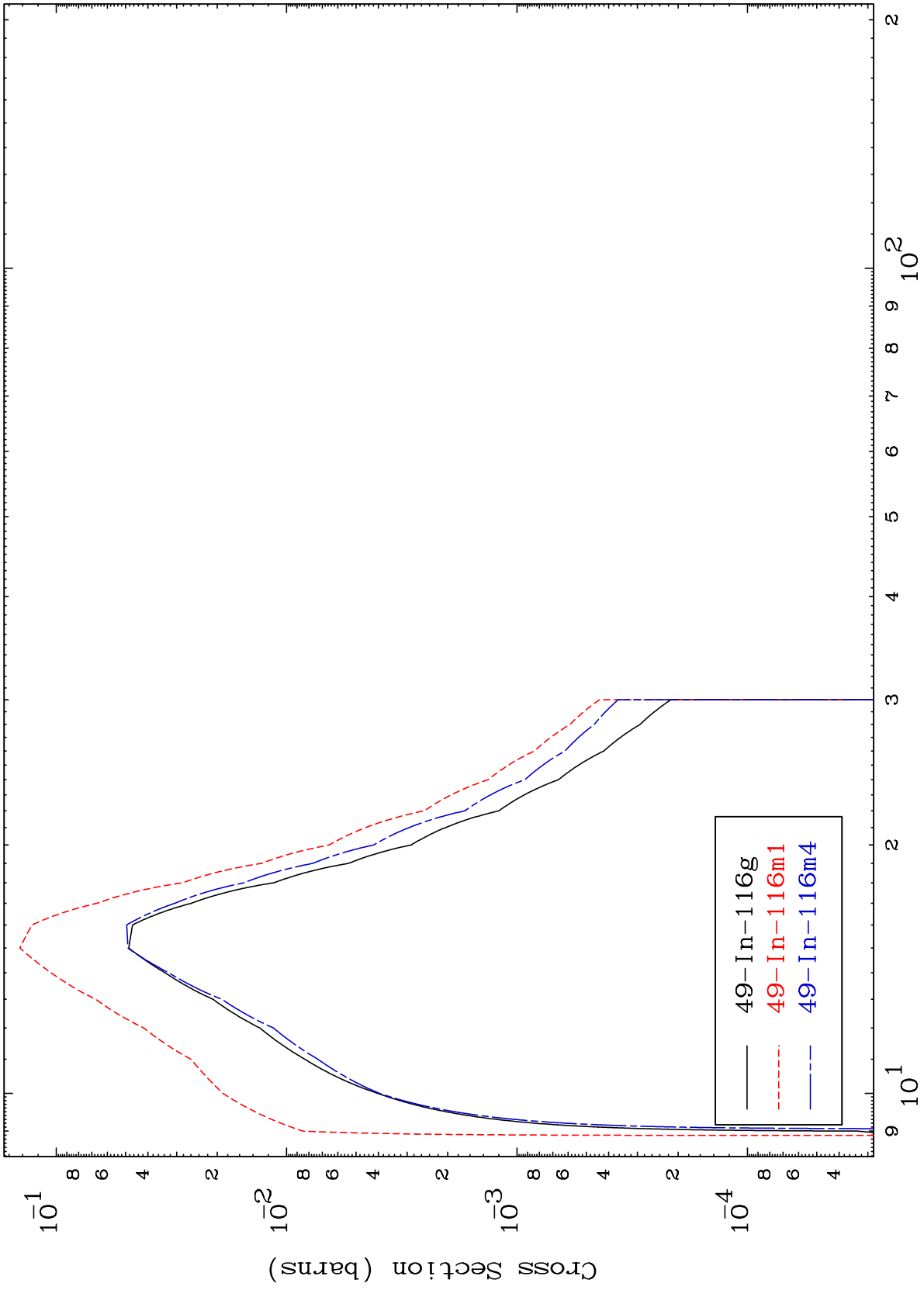
Incident Energy (MeV)

49-In-117

MAT 4937

Photon Inelastic
Radionuclide Production Cross Section

49-In-117



9

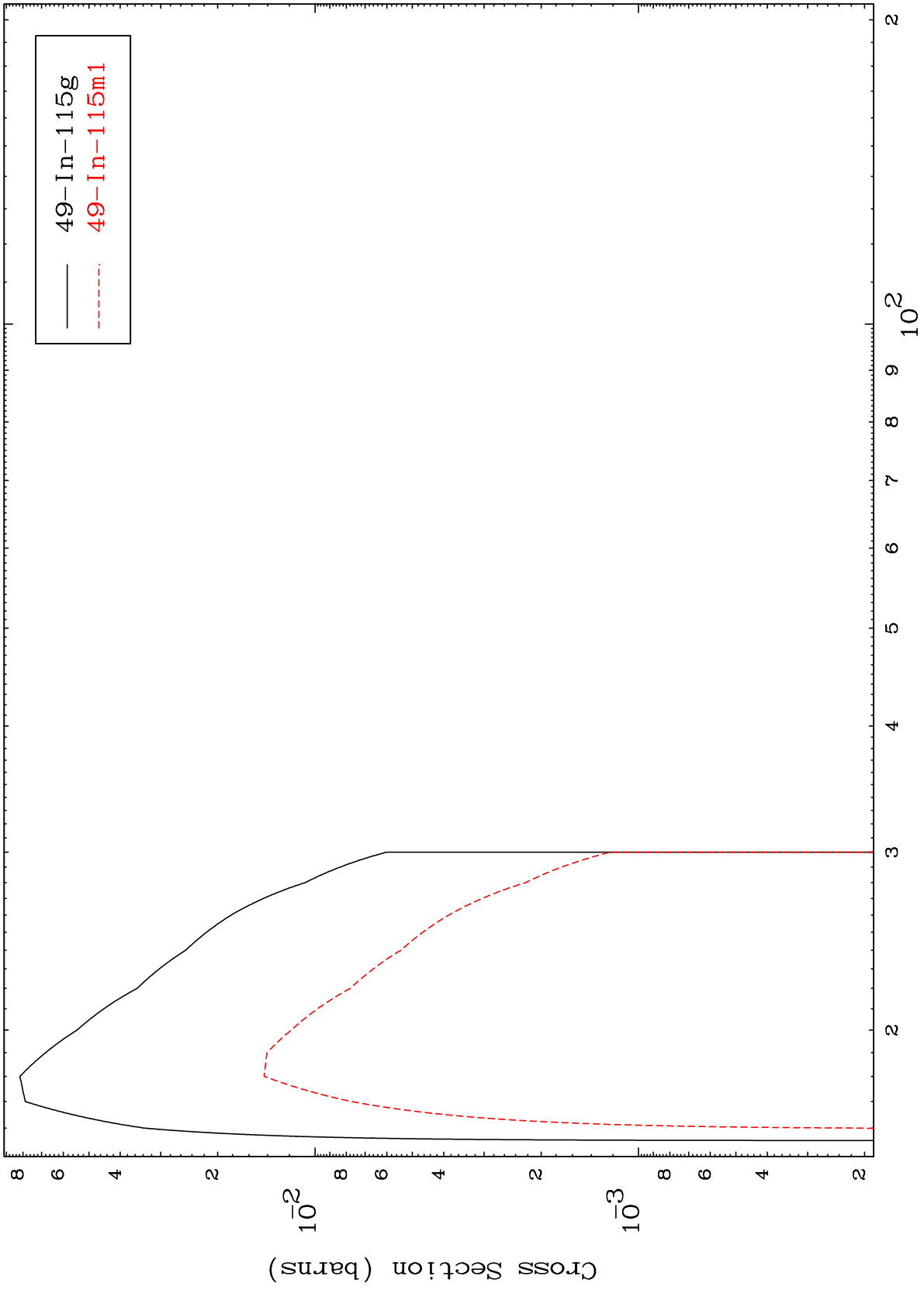
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

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



10

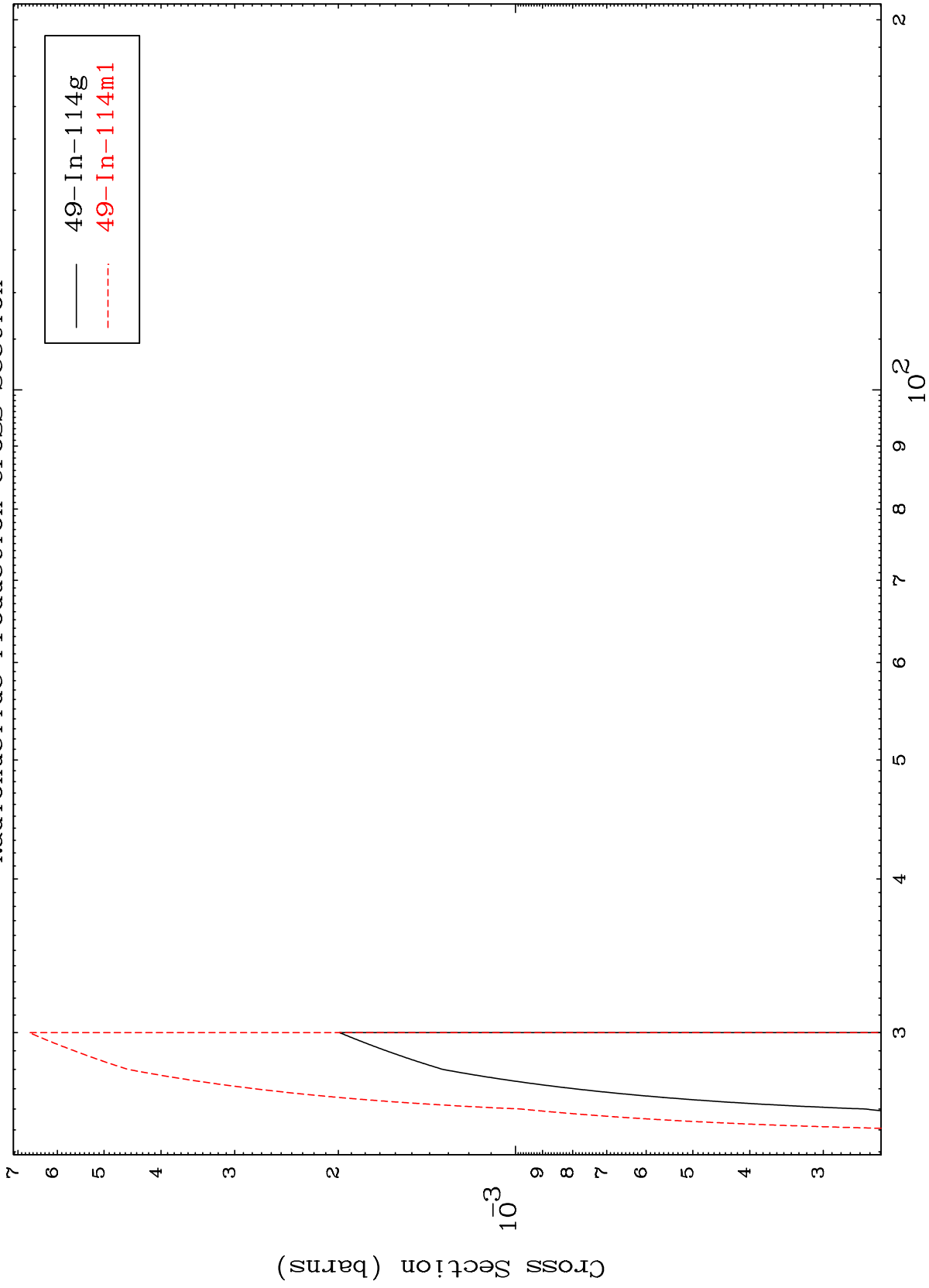
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

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



11

Incident Energy (MeV)

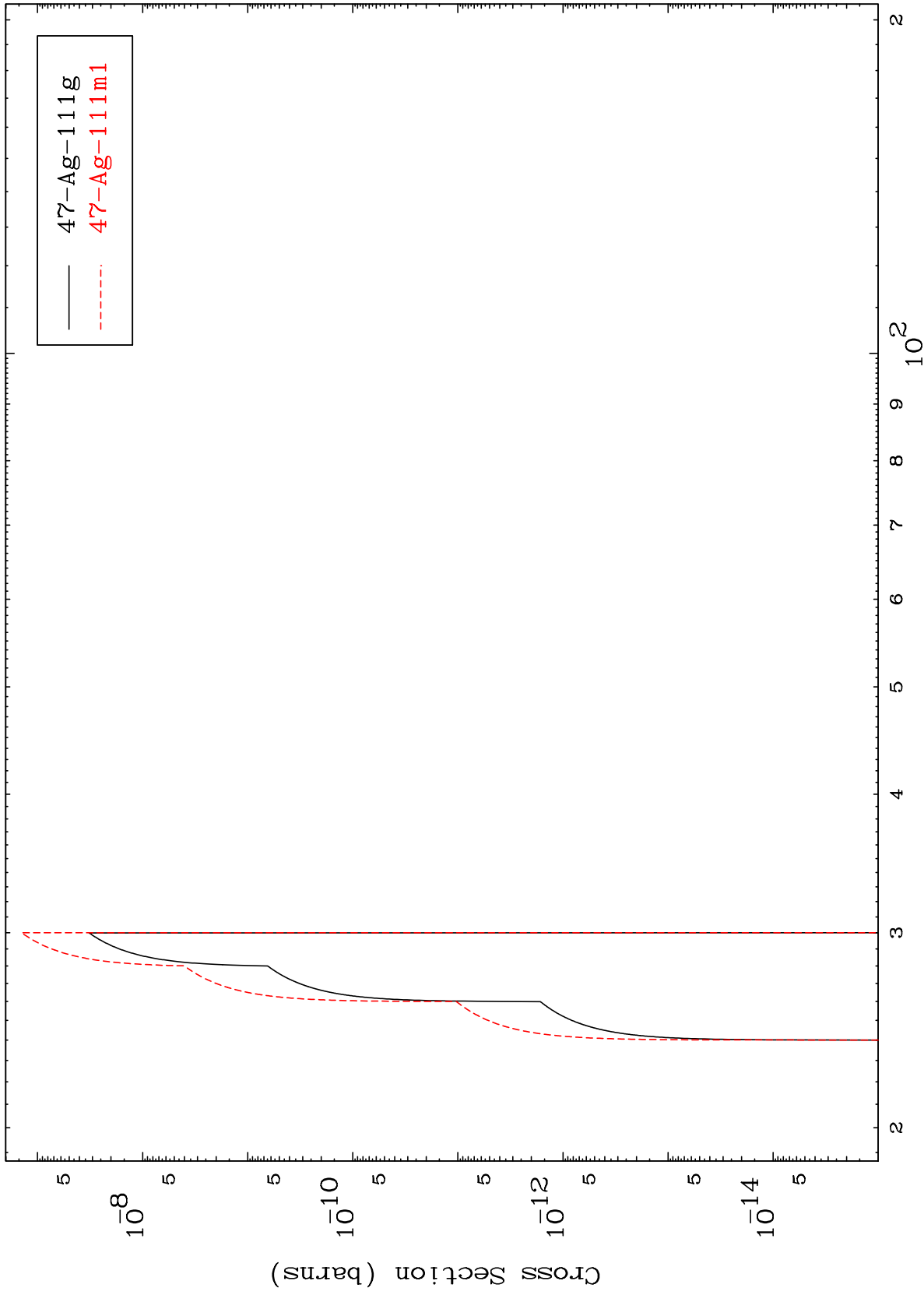
49-In-117

MAT 4937

$(\gamma, 2n) \alpha$

49-In-117

Radionuclide Production Cross Section



12

Incident Energy (MeV)

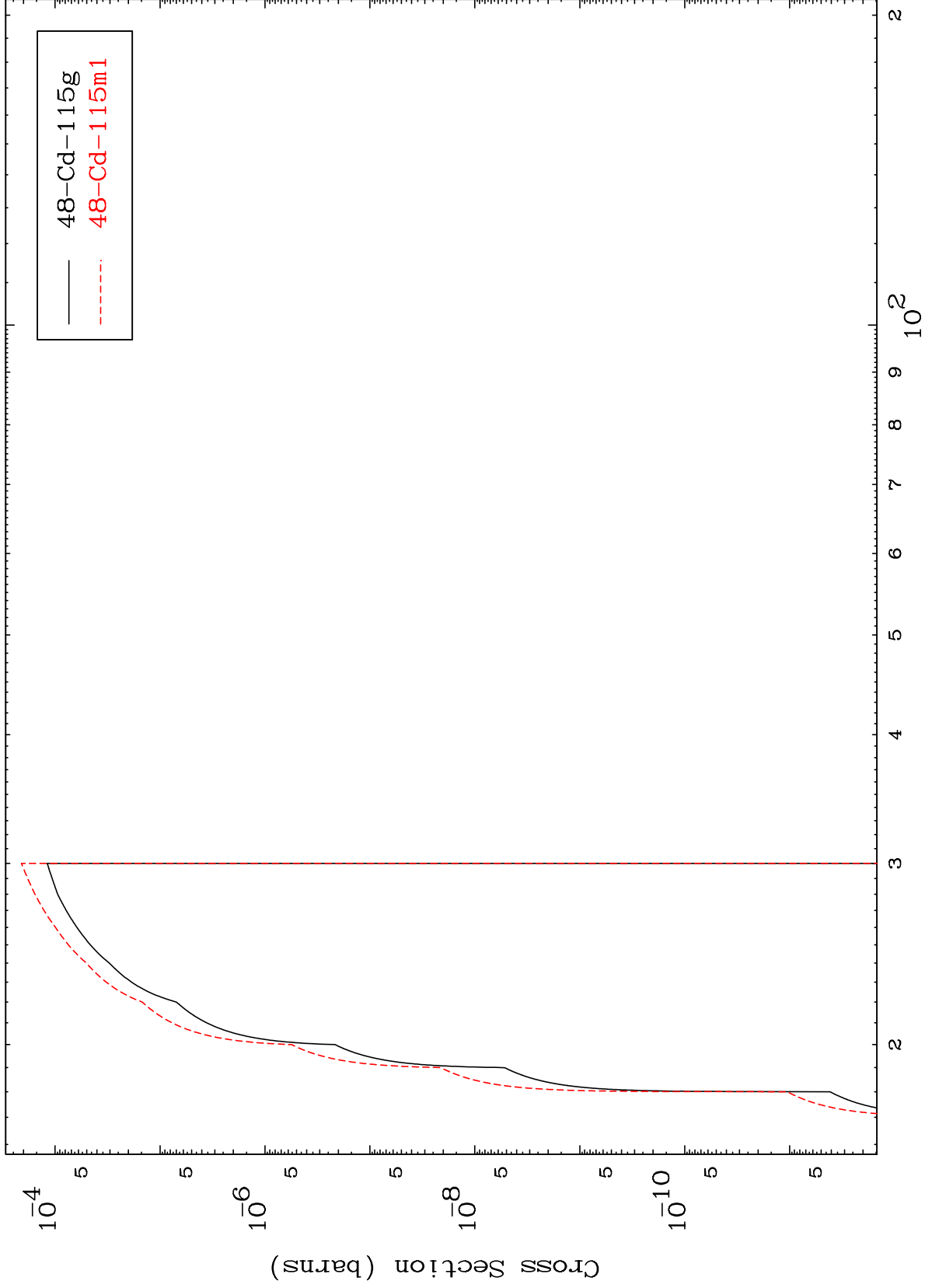
49-In-117

MAT 4937

(γ, n') p

49-In-117

Radionuclide Production Cross Section



13

Incident Energy (MeV)

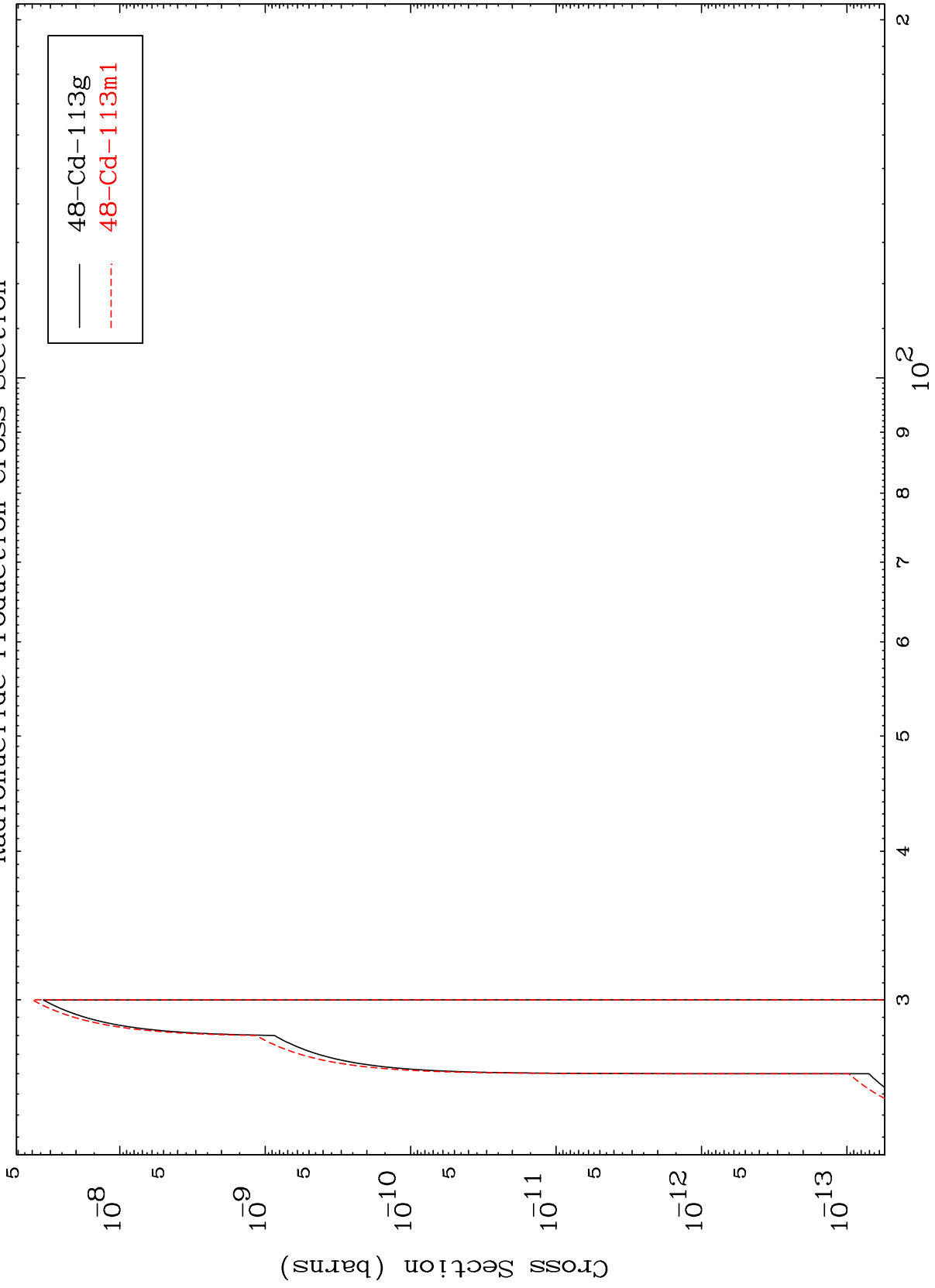
49-In-117

MAT 4937

(γ, n') t

49-In-117

Radionuclide Production Cross Section



14

Incident Energy (MeV)

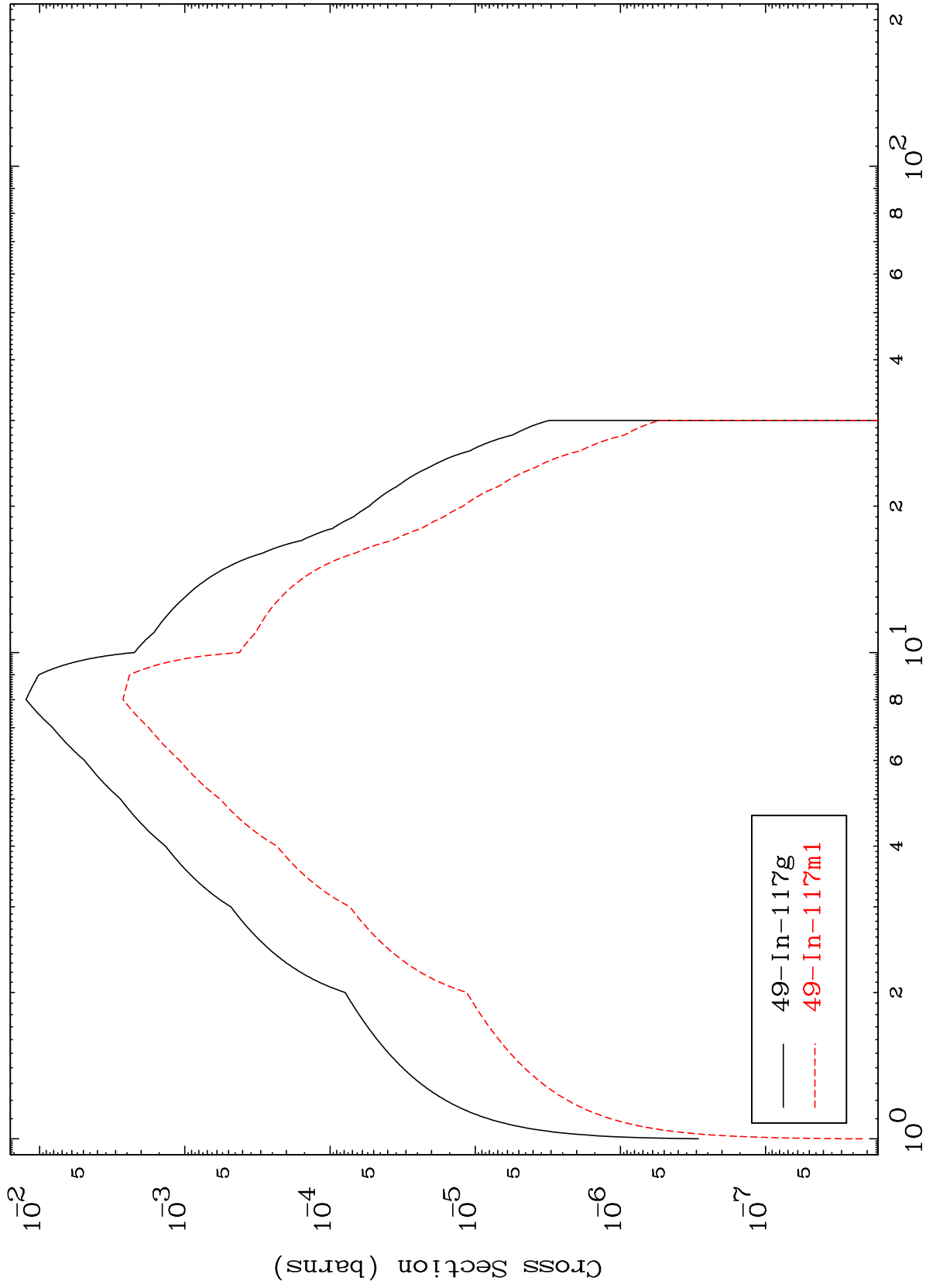
49-In-117

MAT 4937

49-In-117

Radionuclide Production Cross Section

(γ, γ)



49-In-117

Incident Energy (MeV)

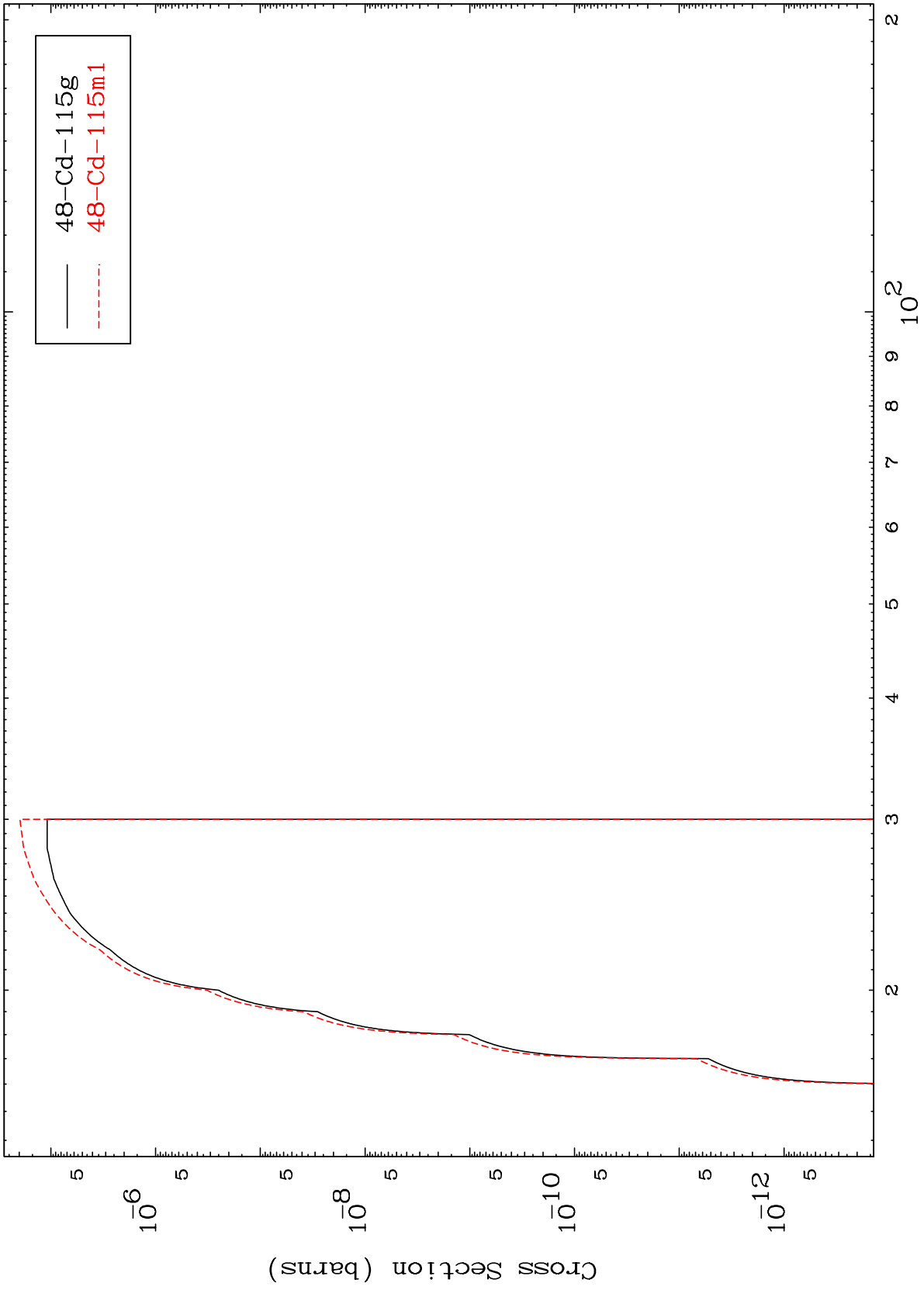
15

MAT 4937

(γ, d)

49-In-117

Radionuclide Production Cross Section



16

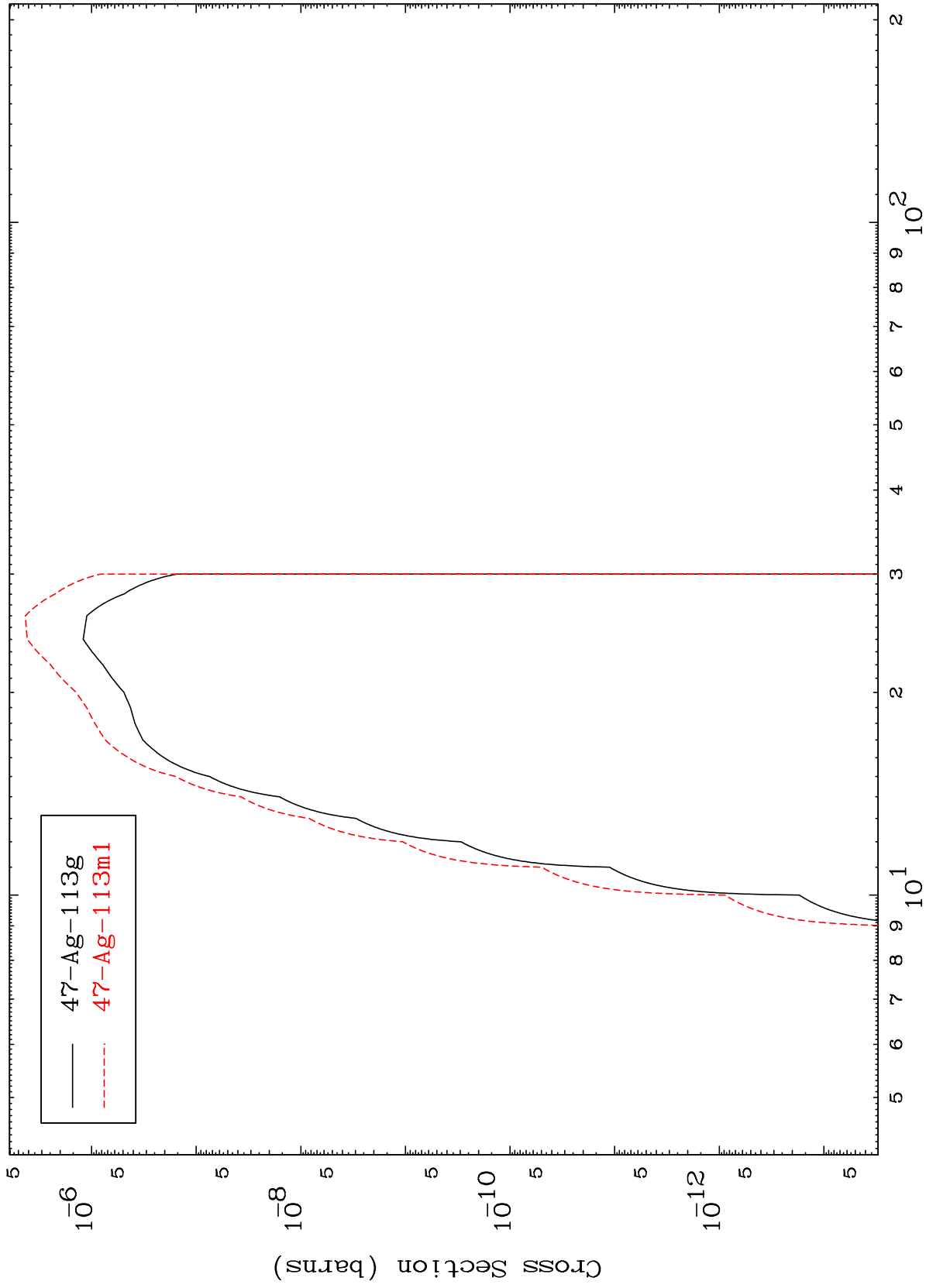
Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

Radionuclide Production Cross Section



17

Incident Energy (MeV)

49-In-117