

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

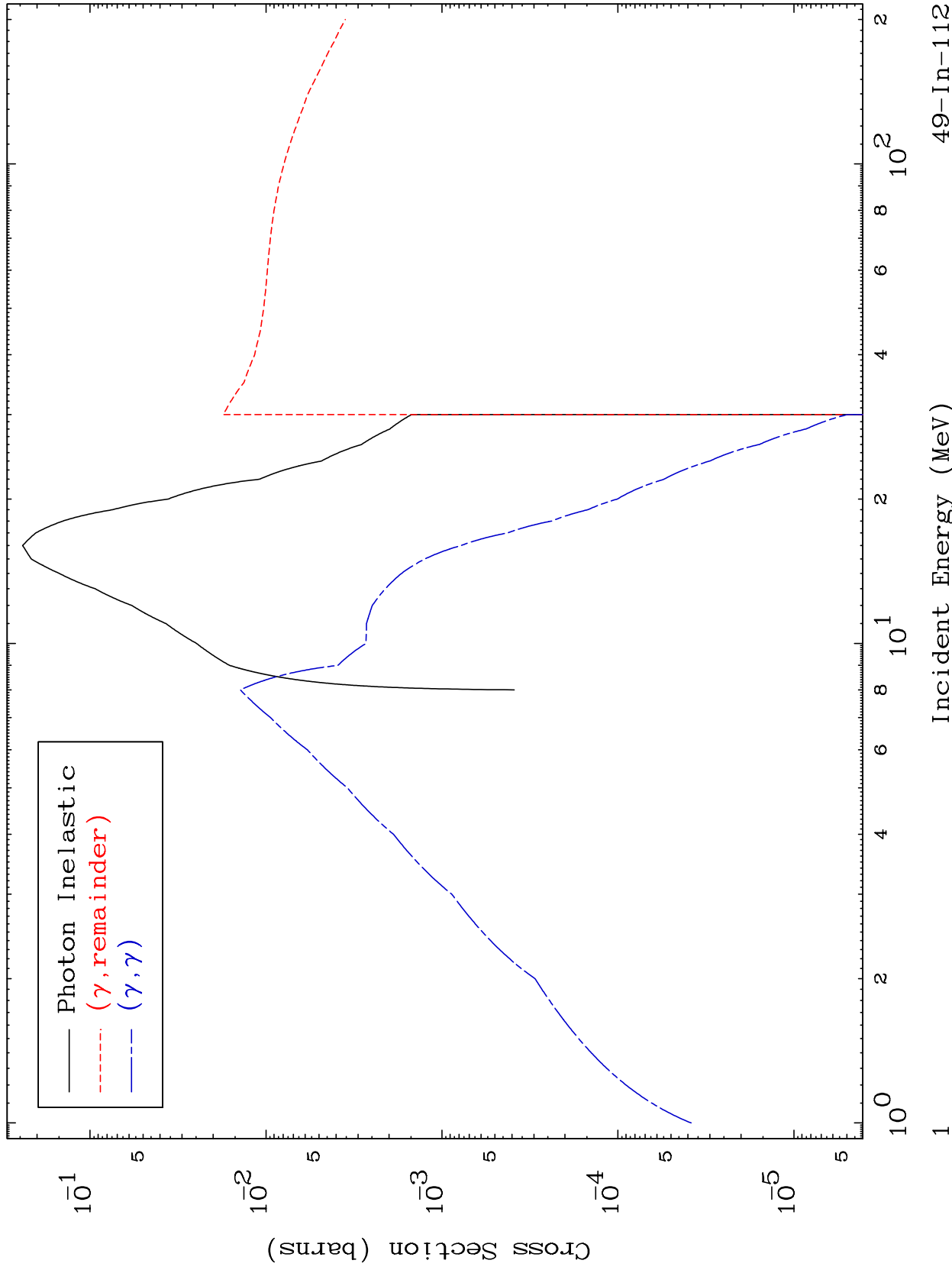
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

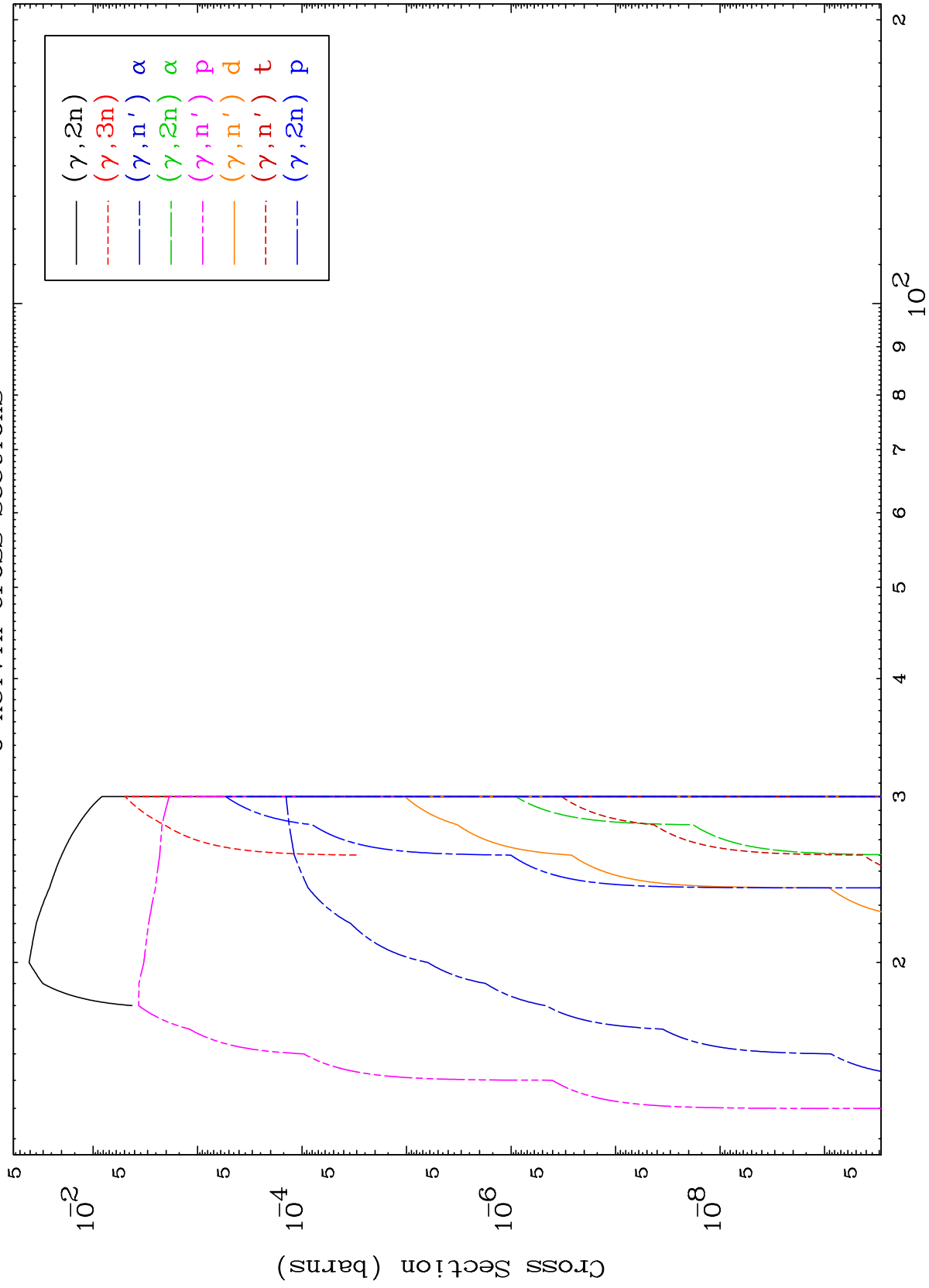
MAT 4922

Photon Major
0 Kelvin Cross Sections

49-In-112



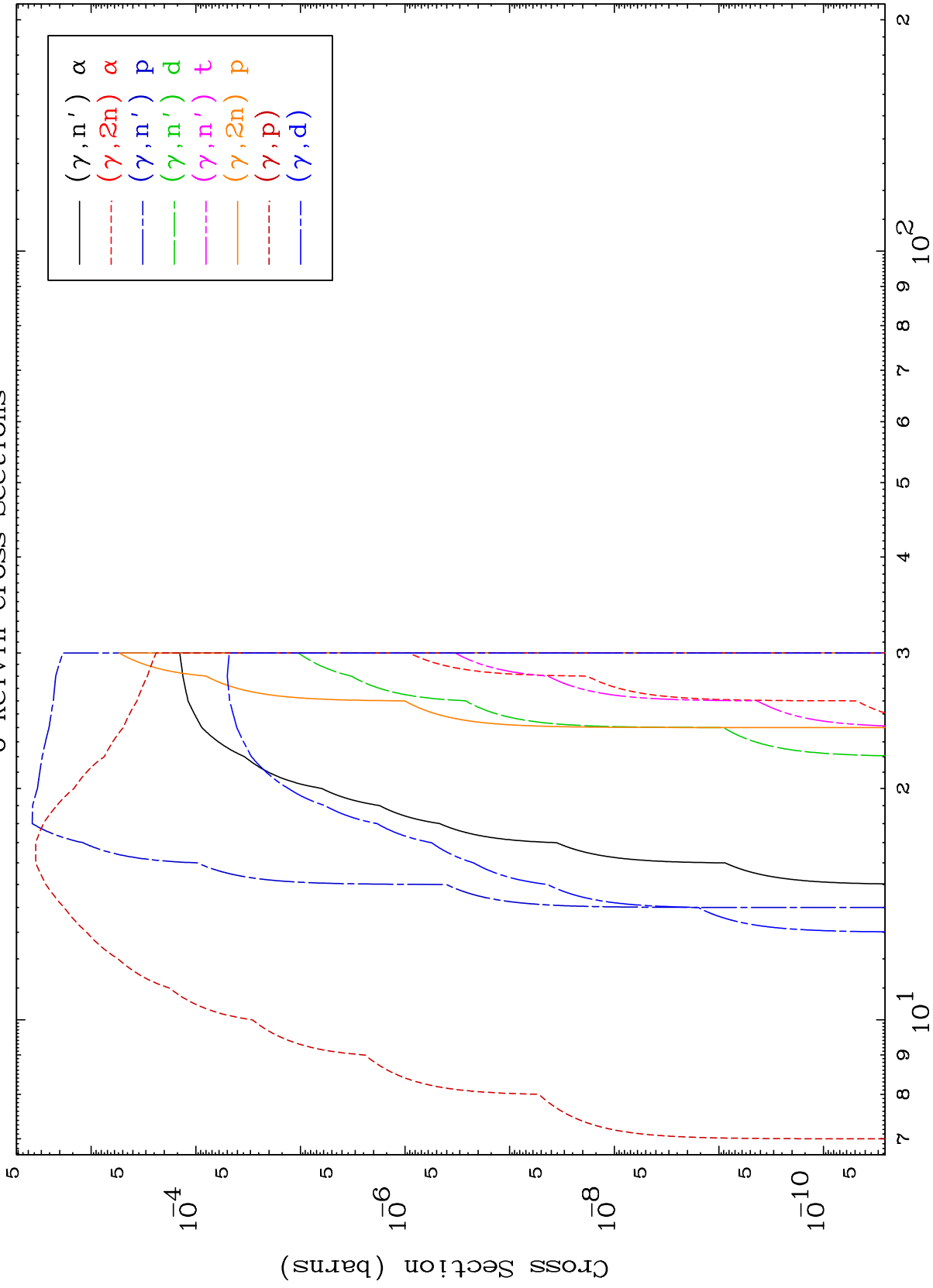
49-In-112



MAT 4922

Photon Charged Particle
0 Kelvin Cross Sections

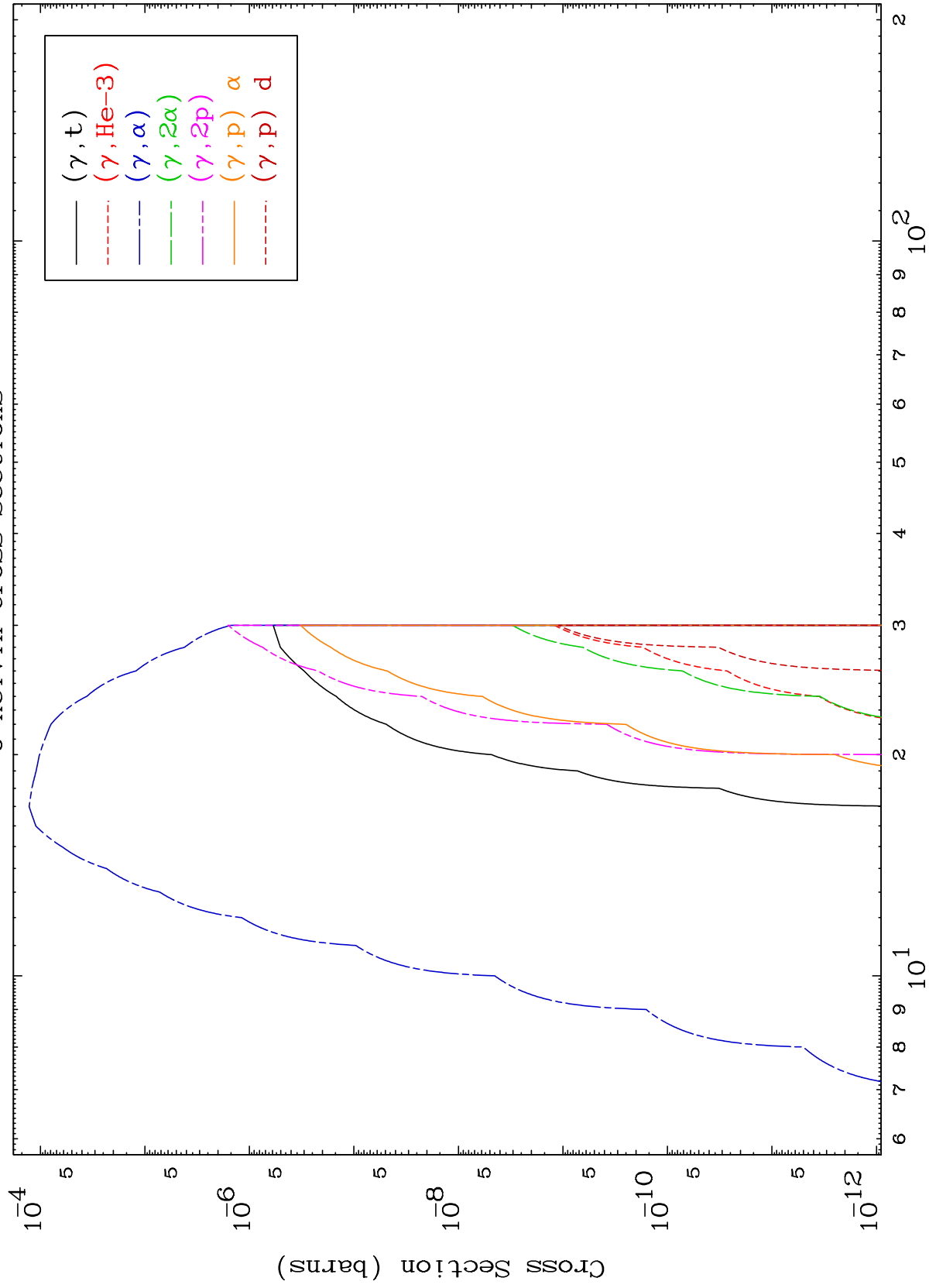
49-In-112



49-In-112

Incident Energy (MeV)

3

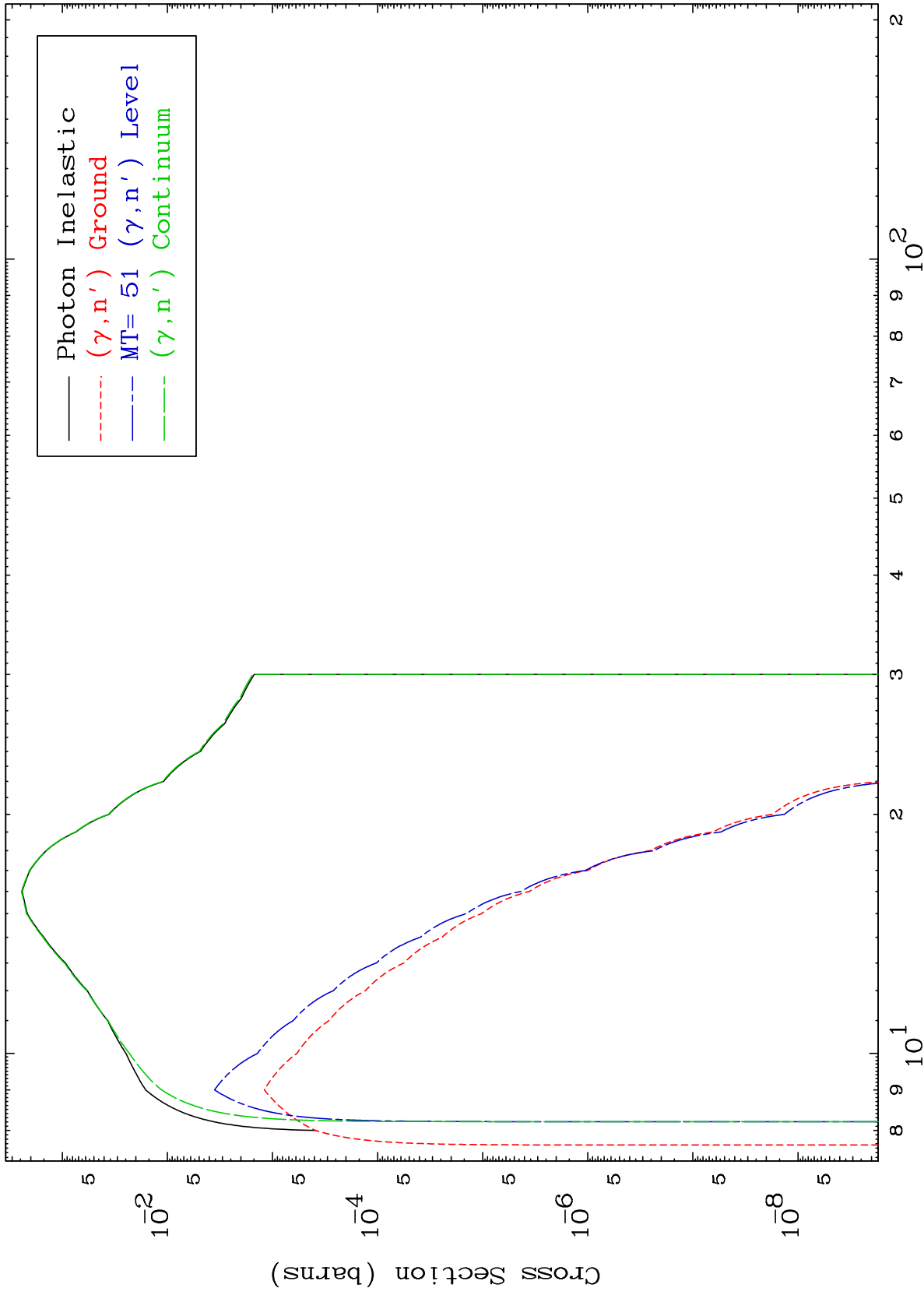


MAT 4922

(γ, n') Level

49-In-112

0 Kelvin Cross Sections



5

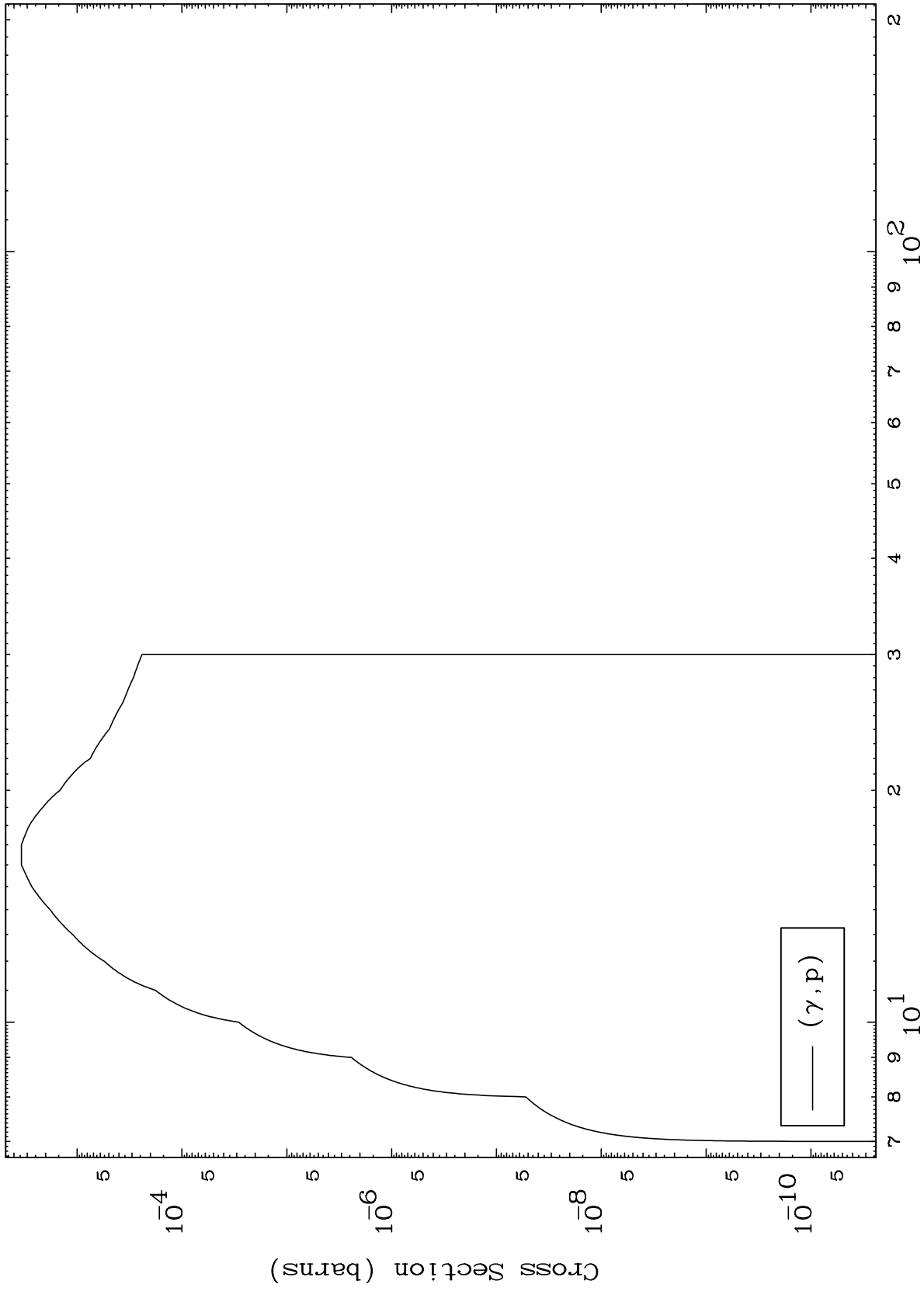
Incident Energy (MeV)

49-In-112

MAT 4922

49-In-112

(γ, p) Levels
0 Kelvin Cross Sections



6

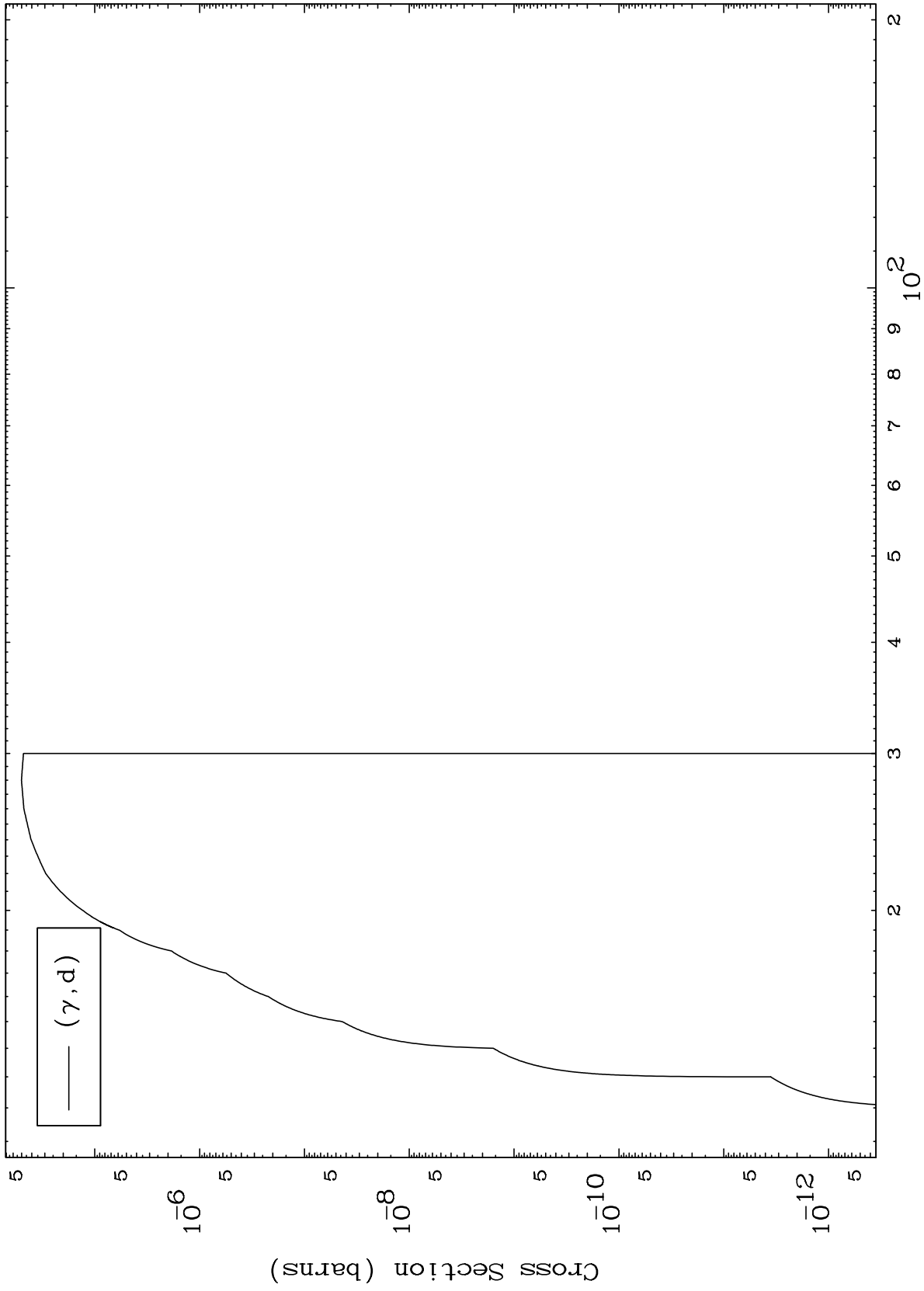
Incident Energy (MeV)

49-In-112

MAT 4922

(γ, d) Levels
0 Kelvin Cross Sections

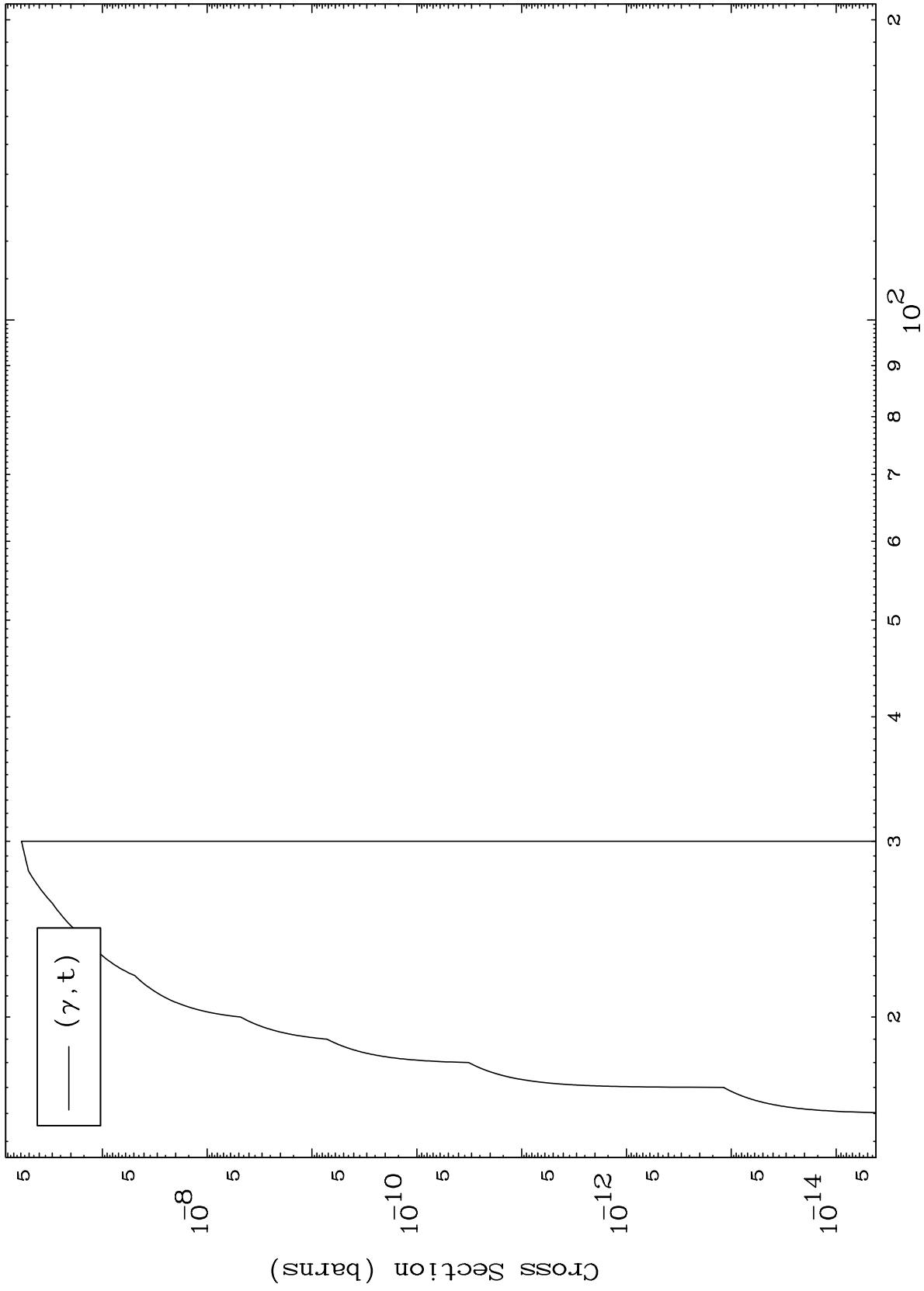
49-In-112

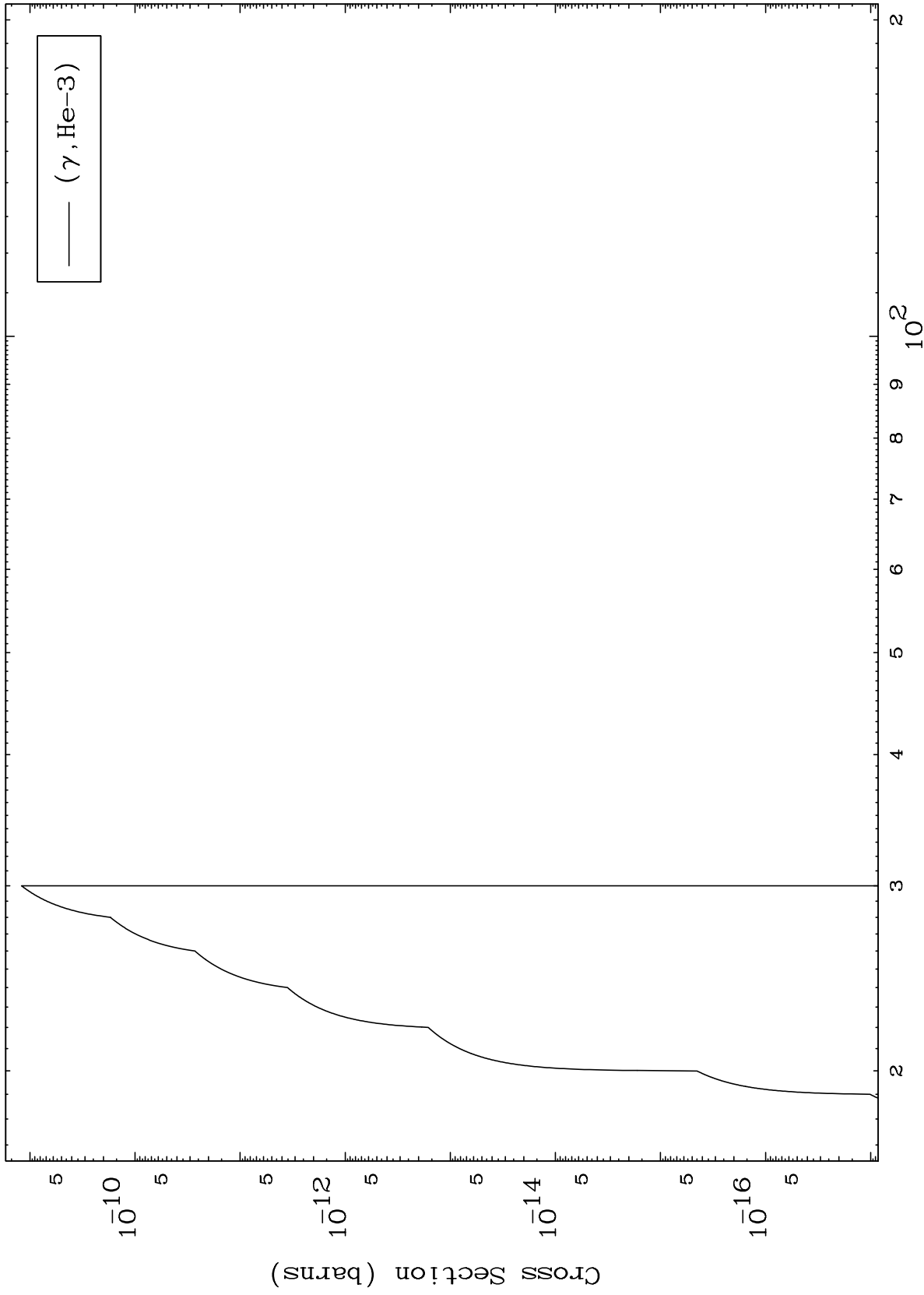


7

Incident Energy (MeV)

49-In-112

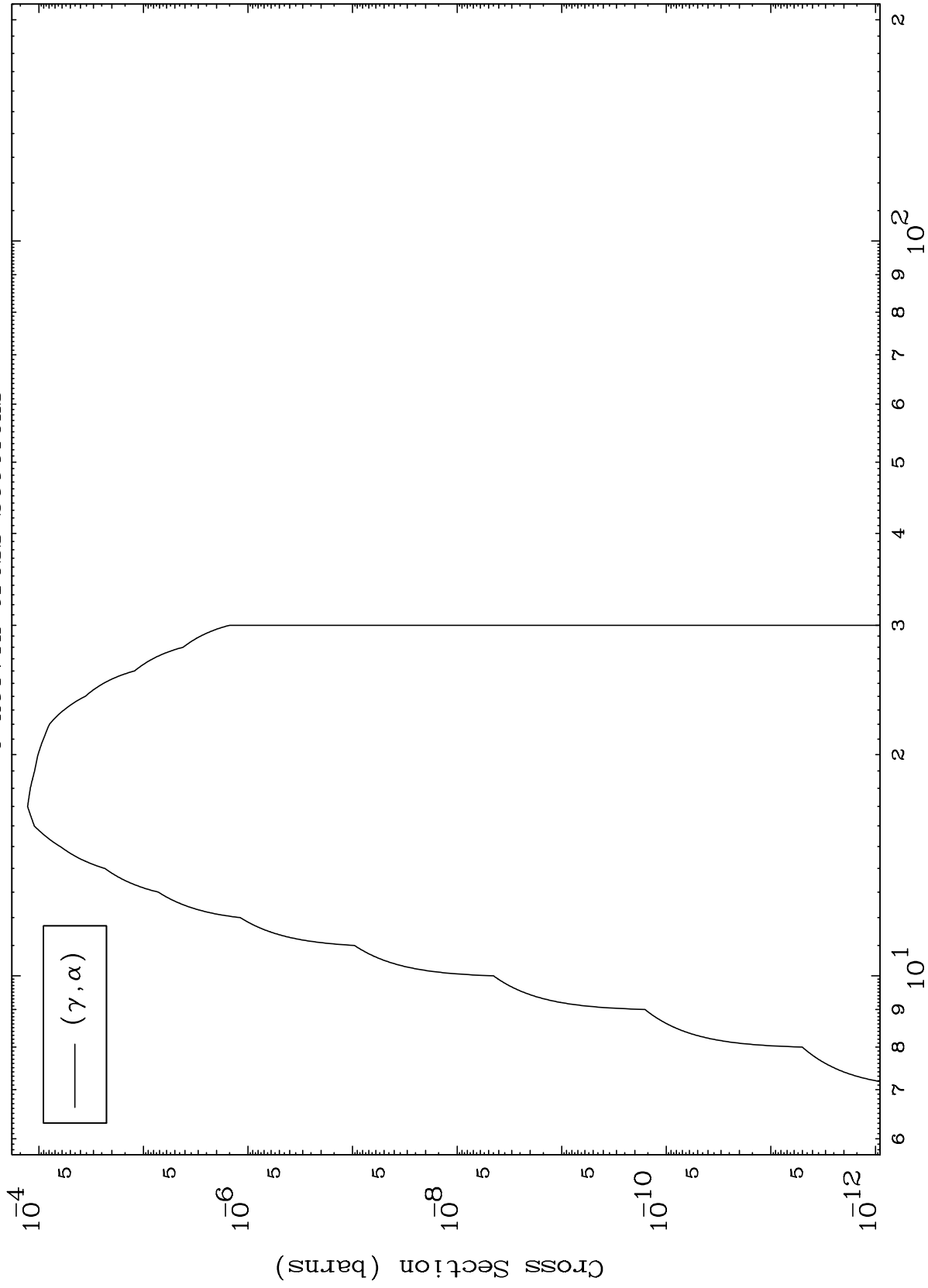




MAT 4922

(γ, α) Levels
0 Kelvin Cross Sections

49-In-112



10

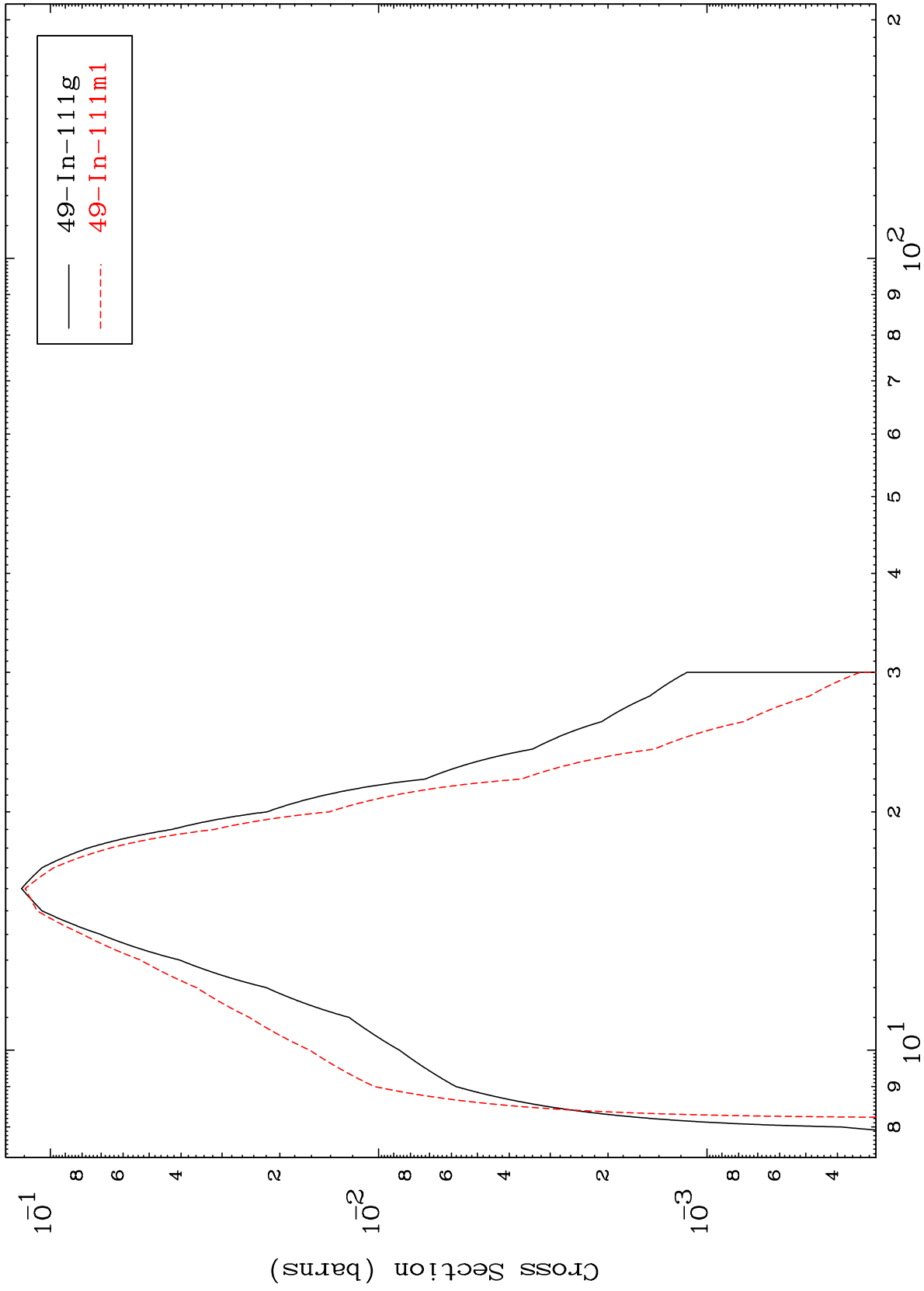
Incident Energy (MeV)

49-In-112

MAT 4922

Photon Inelastic
Radionuclide Production Cross Section

49-In-112



49-In-111g
49-In-111m1

11

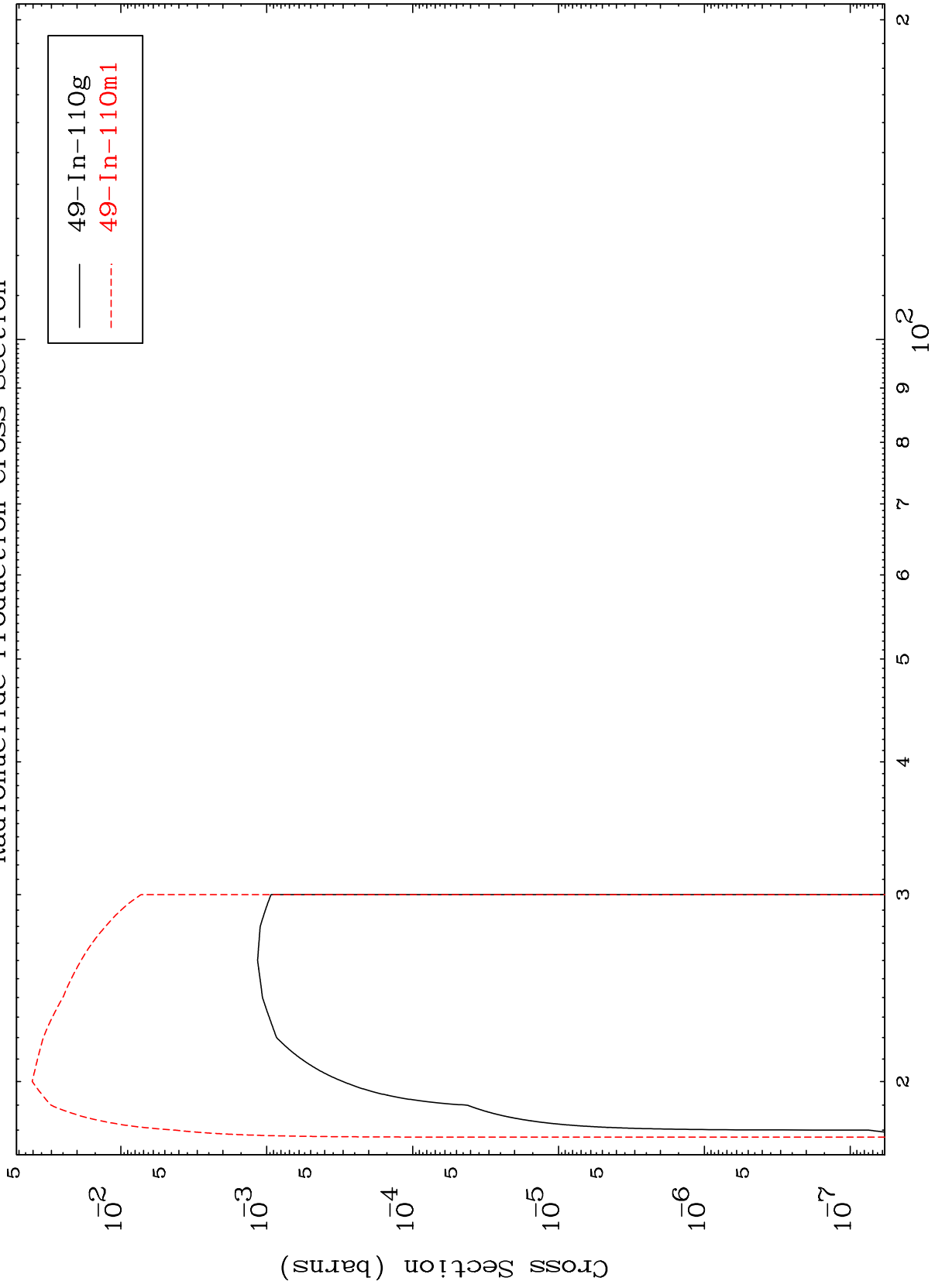
Incident Energy (MeV)

49-In-112

MAT 4922

49-In-112

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



12

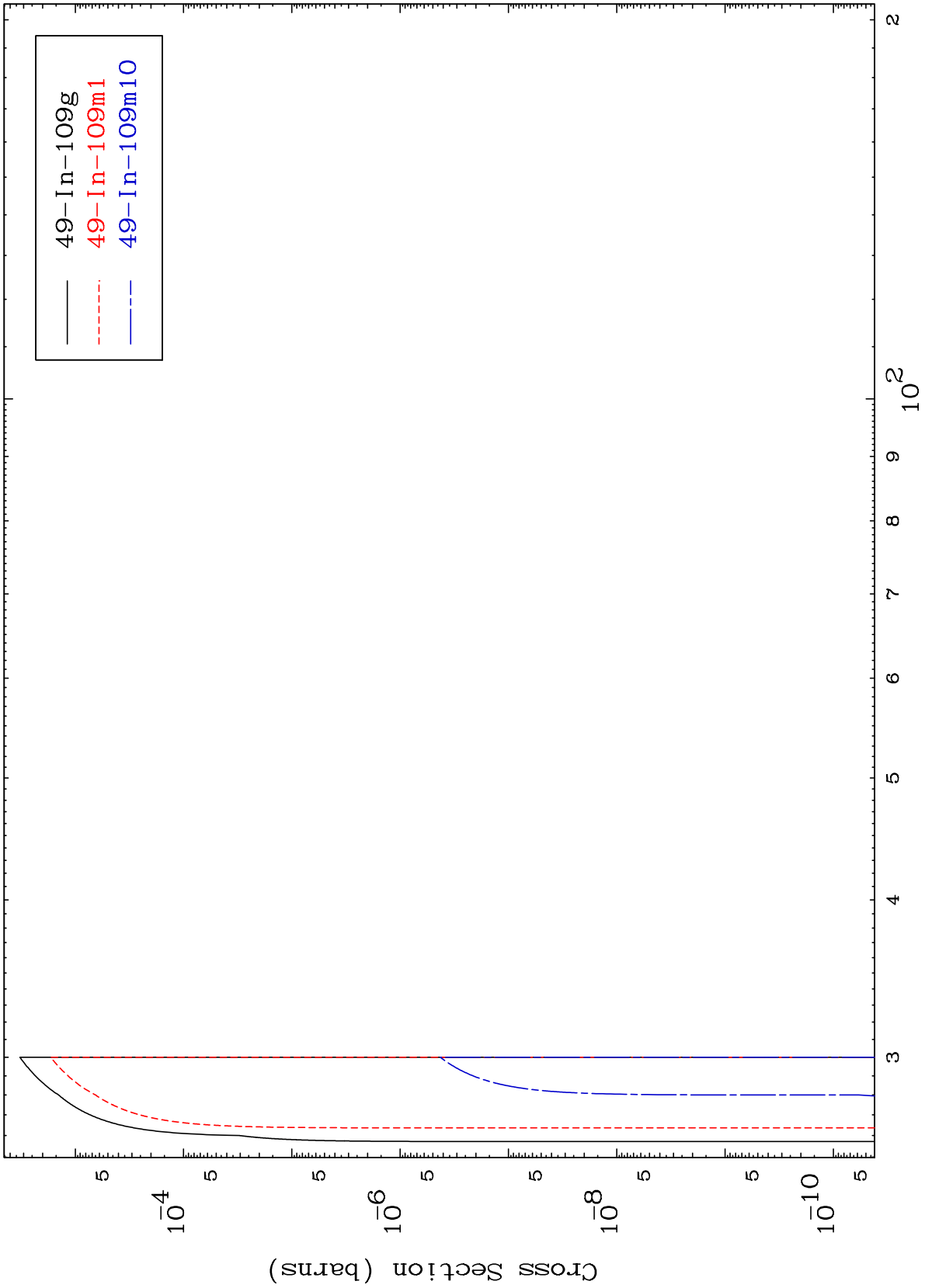
Incident Energy (MeV)

49-In-112

MAT 4922

49-In-112

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



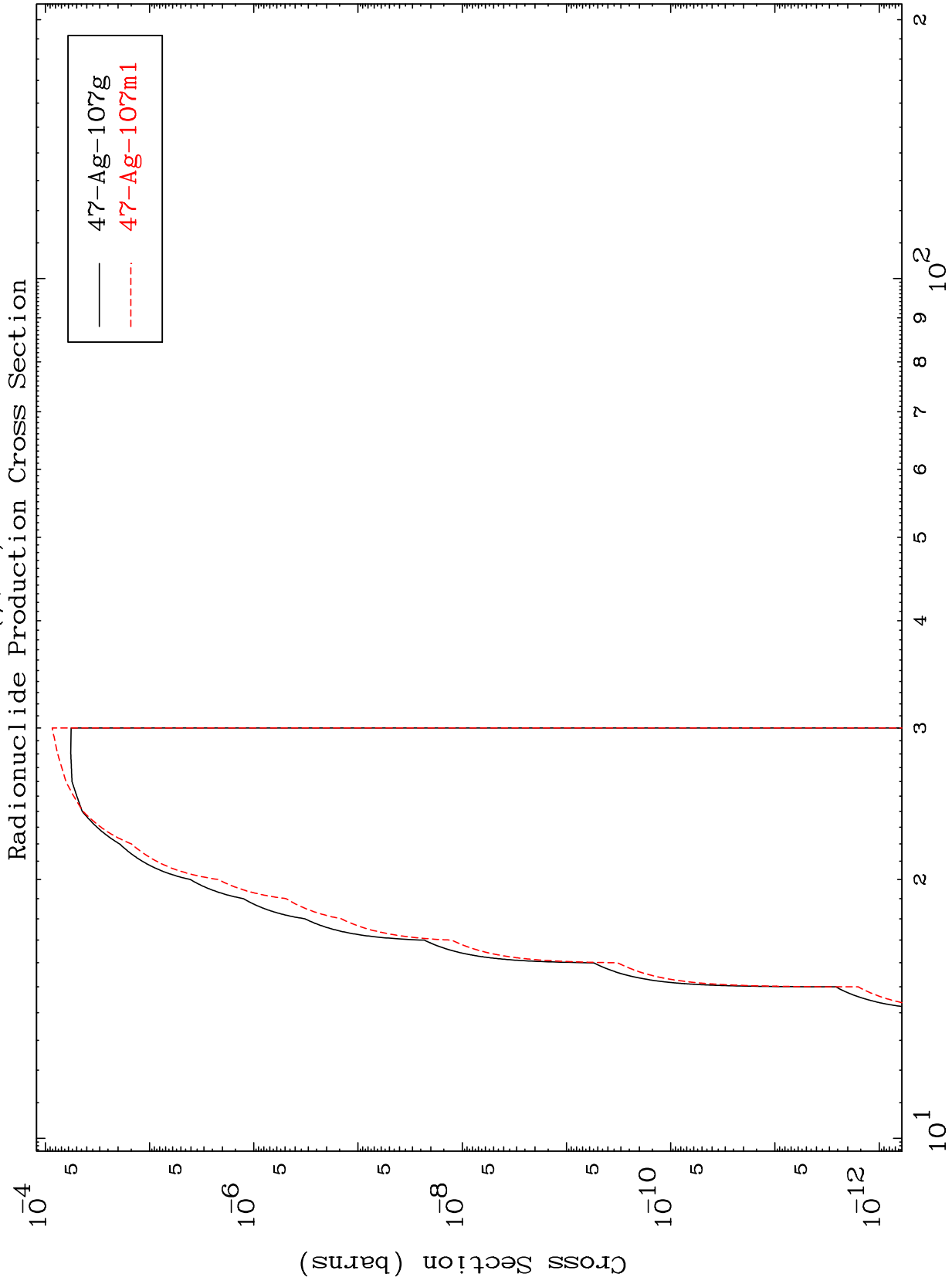
13

49-In-112

MAT 4922

(γ, n') α

49-In-112



14

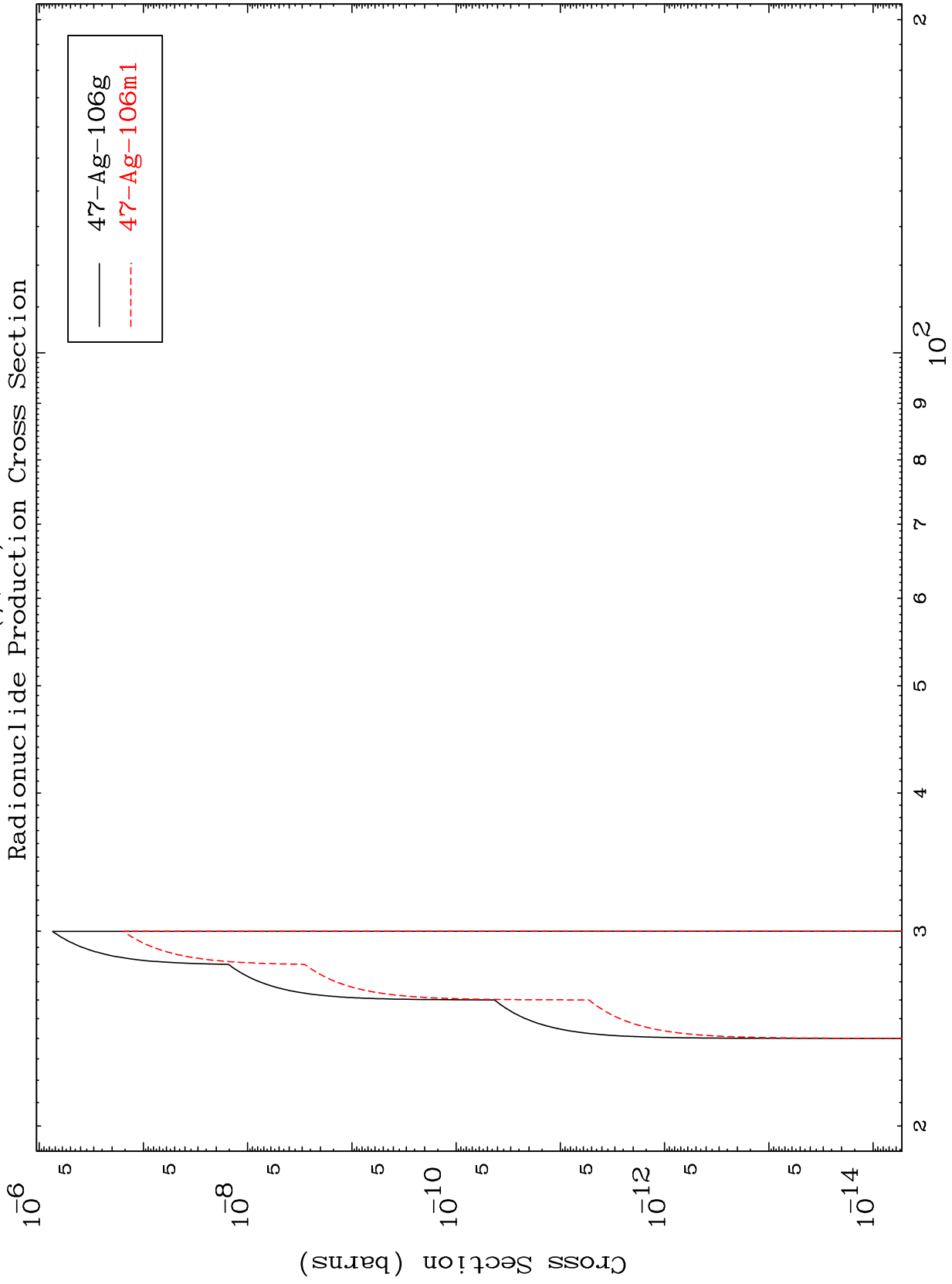
Incident Energy (MeV)

49-In-112

MAT 4922

$(\gamma, 2n) \alpha$

49-In-112



15

Incident Energy (MeV)

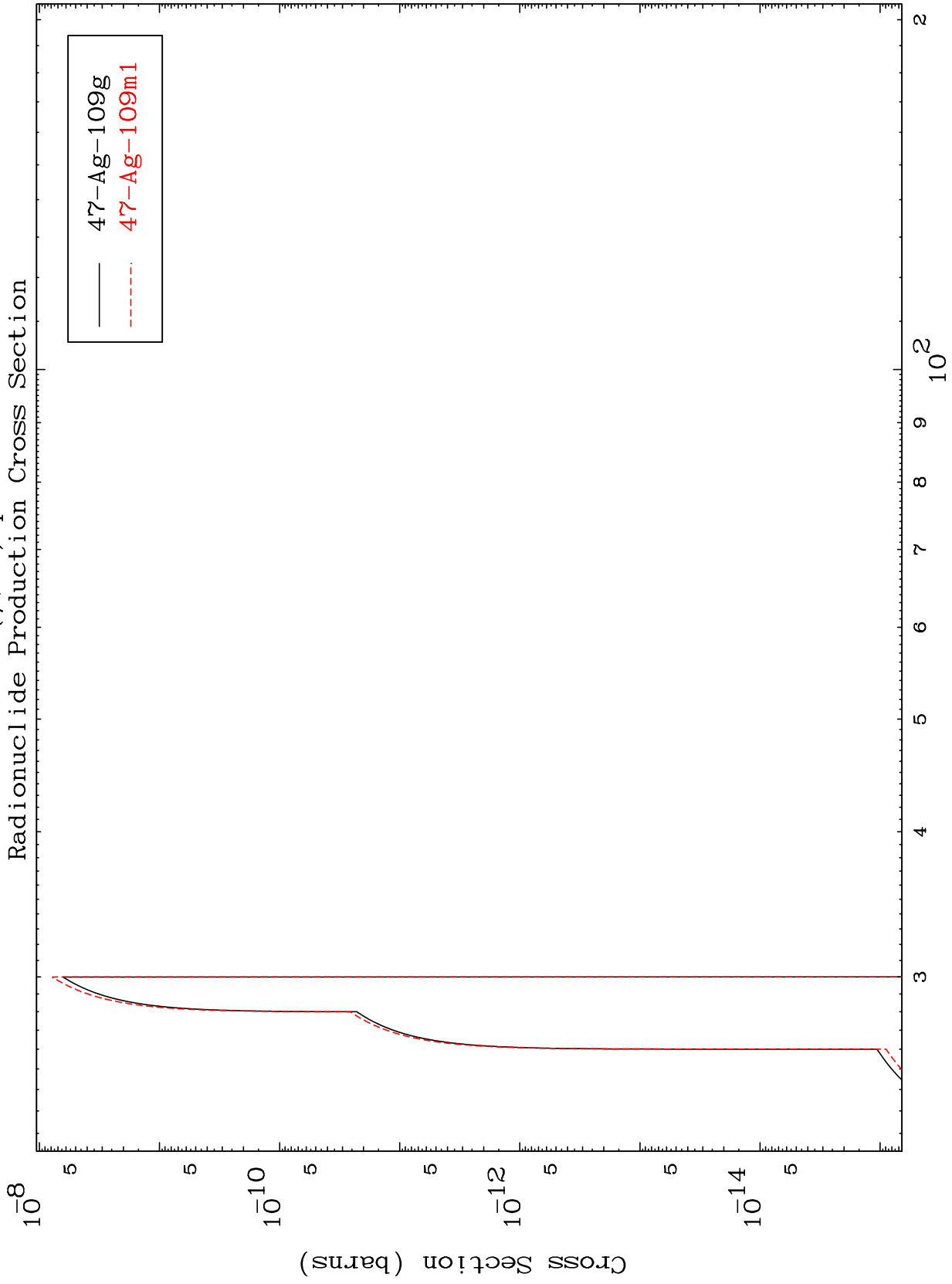
49-In-112

MAT 4922

($\gamma, 2n$) p

49-In-112

Radionuclide Production Cross Section



16

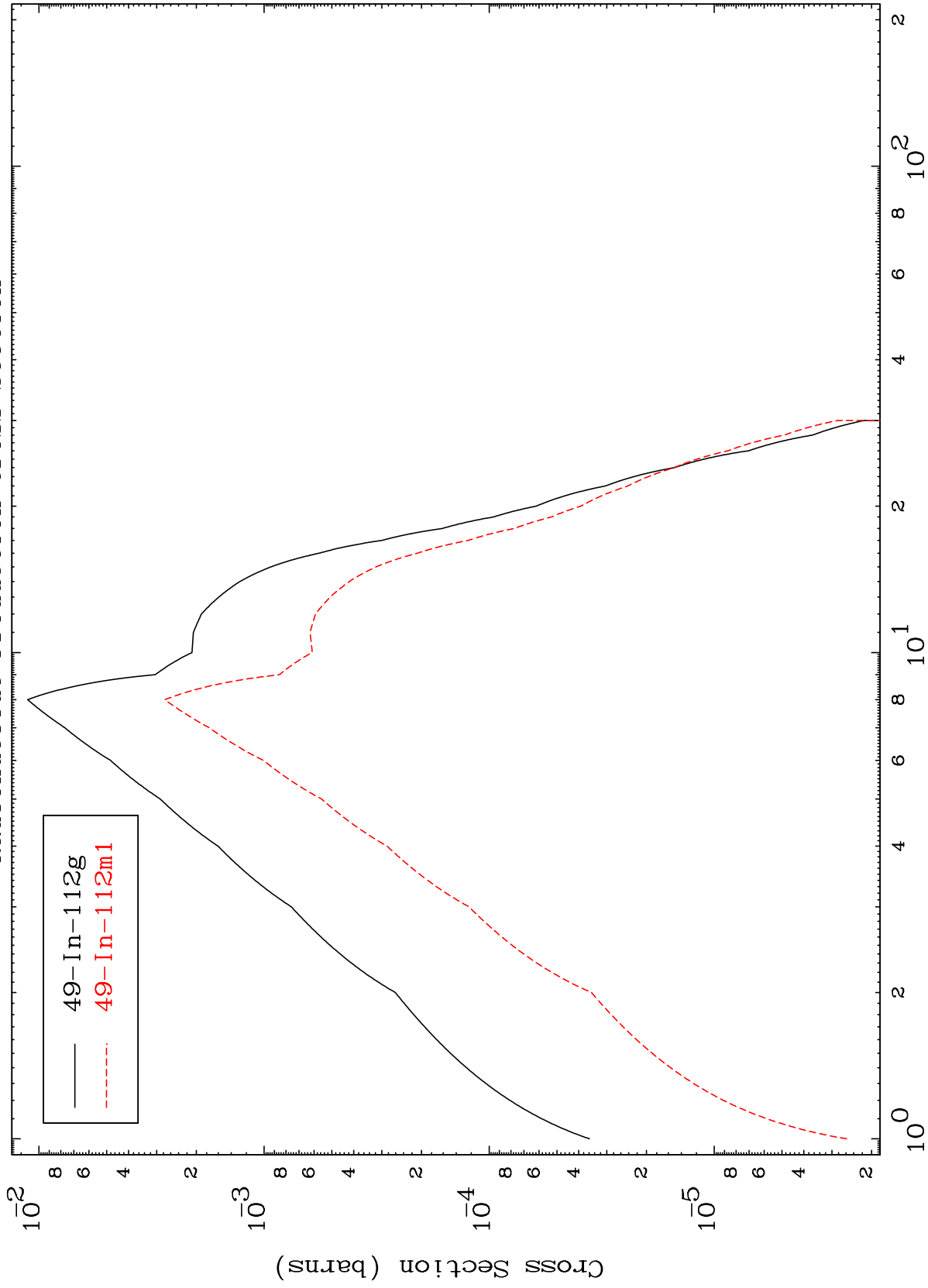
Incident Energy (MeV)

49-In-112

MAT 4922

49-In-112

Radionuclide Production Cross Section (γ, γ)



49-In-112

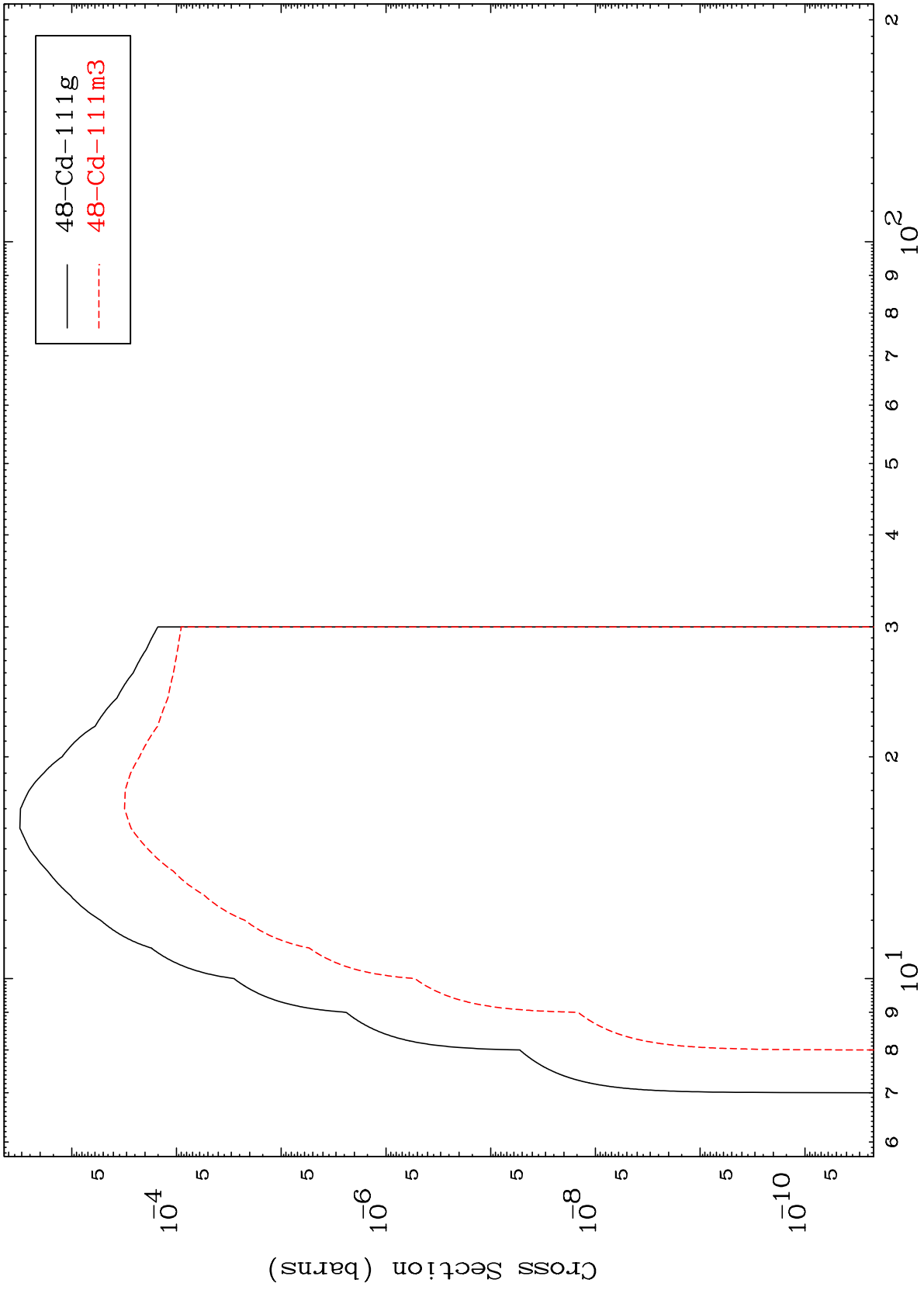
Incident Energy (MeV)

17

MAT 4922

49-In-112

(γ, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

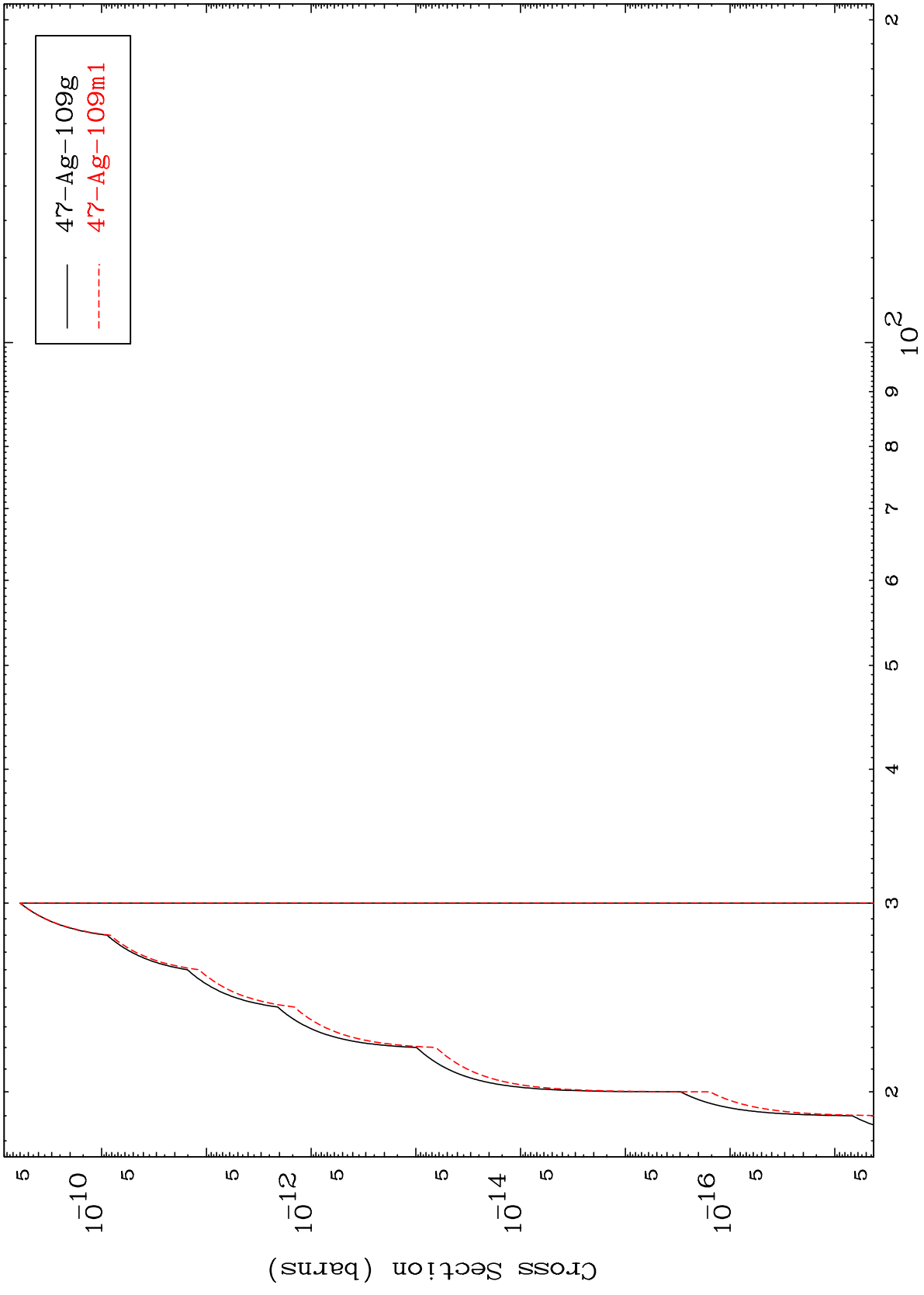
49-In-112

MAT 4922

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

49-In-112

Radionuclide Production Cross Section



19

Incident Energy (MeV)

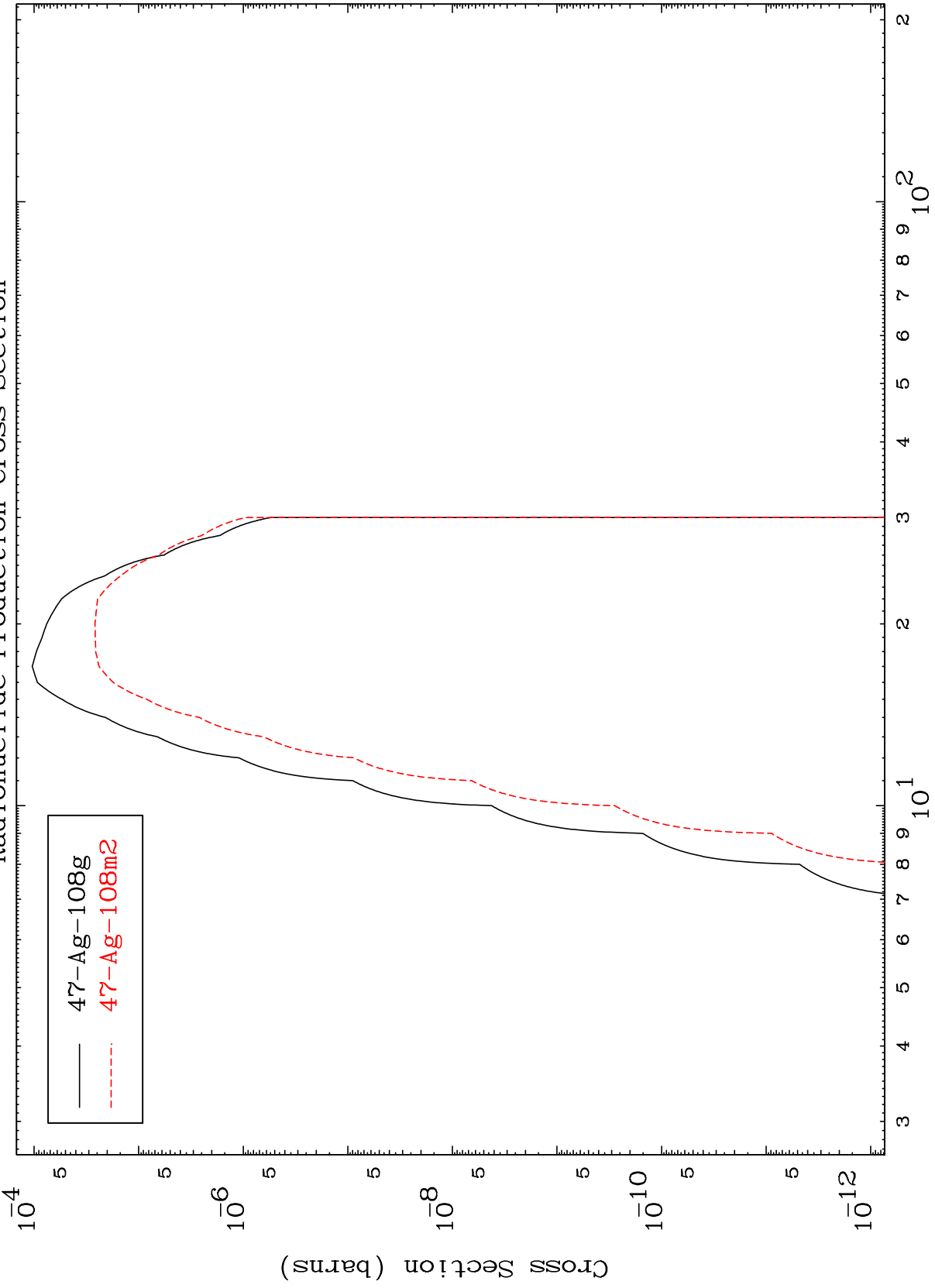
49-In-112

MAT 4922

49-In-112

Radionuclide Production Cross Section

(γ, α)



47-Ag-108g
47-Ag-108m2

20

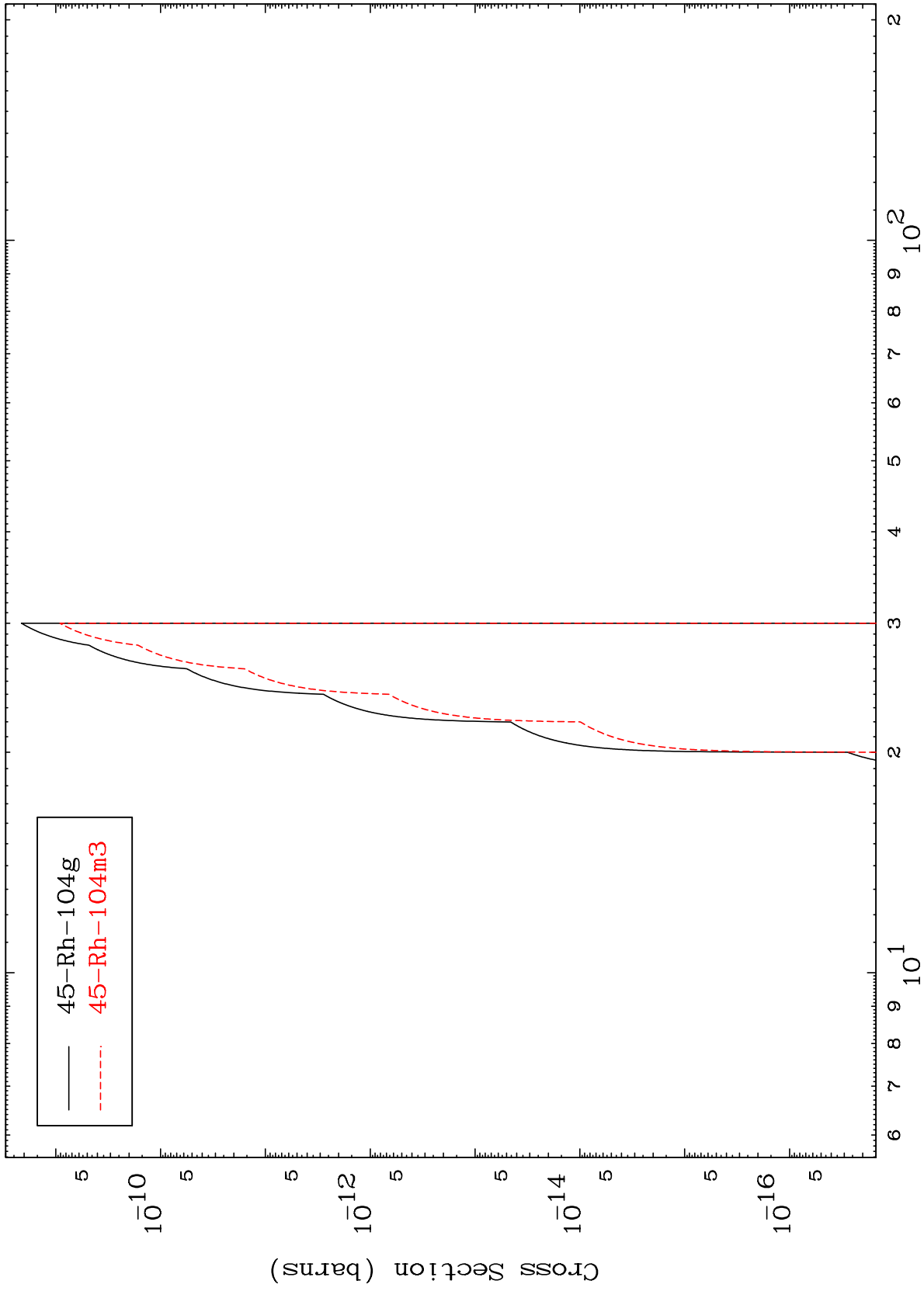
Incident Energy (MeV)

49-In-112

MAT 4922

49-In-112

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



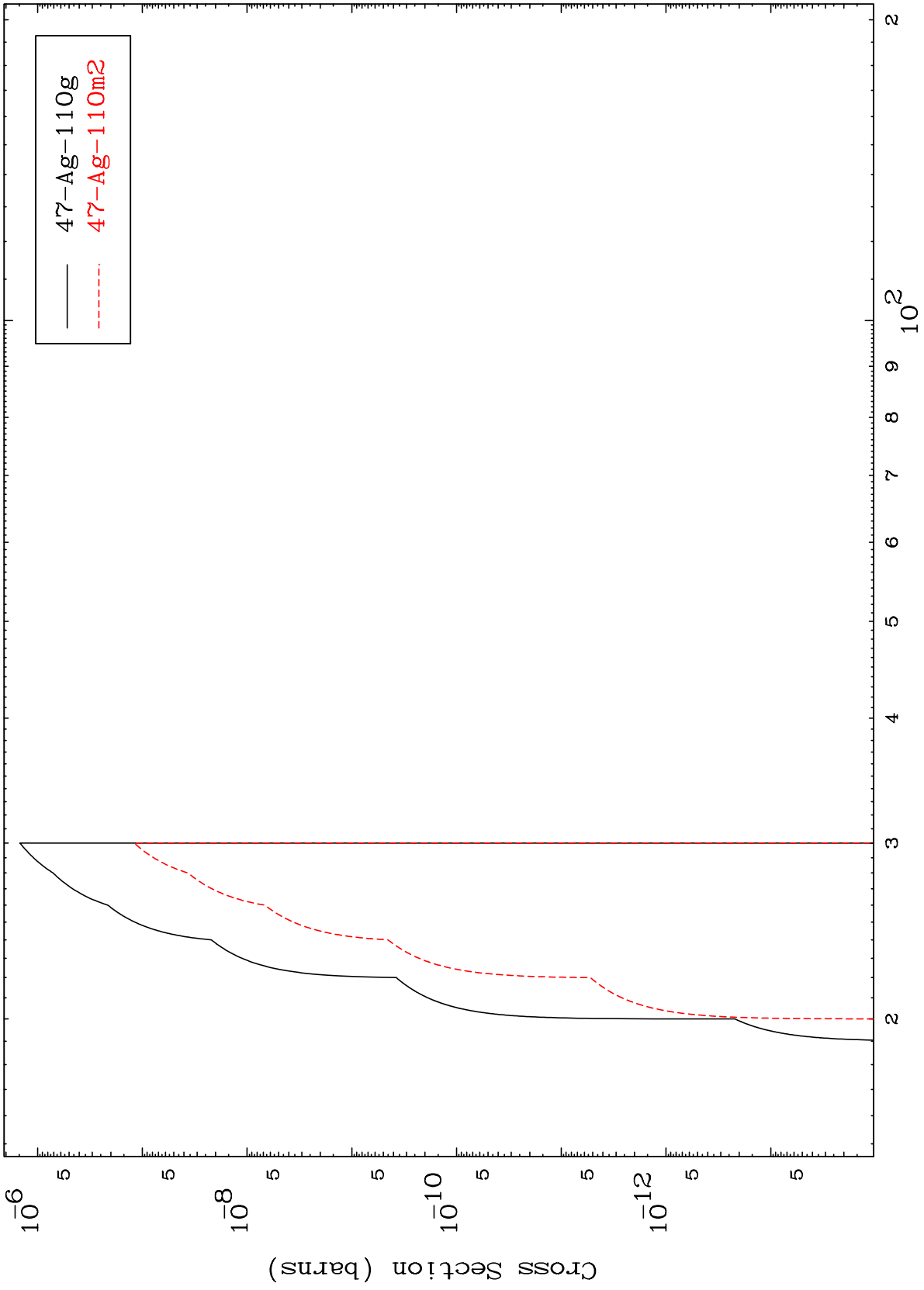
21

49-In-112

MAT 4922

49-In-112

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



22

Incident Energy (MeV)

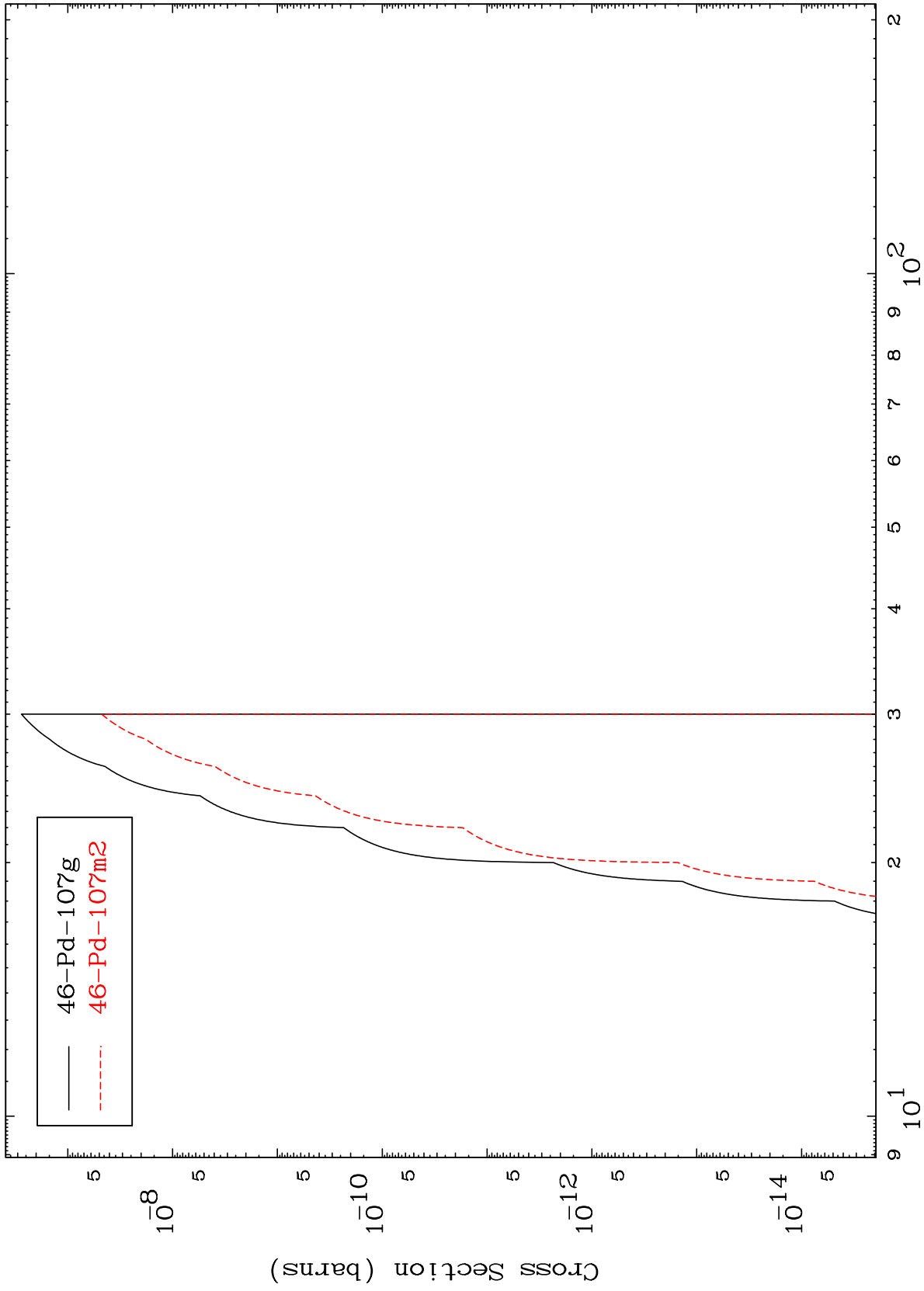
49-In-112

MAT 4922

(γ, p) α

49-In-112

Radionuclide Production Cross Section



23

Incident Energy (MeV)

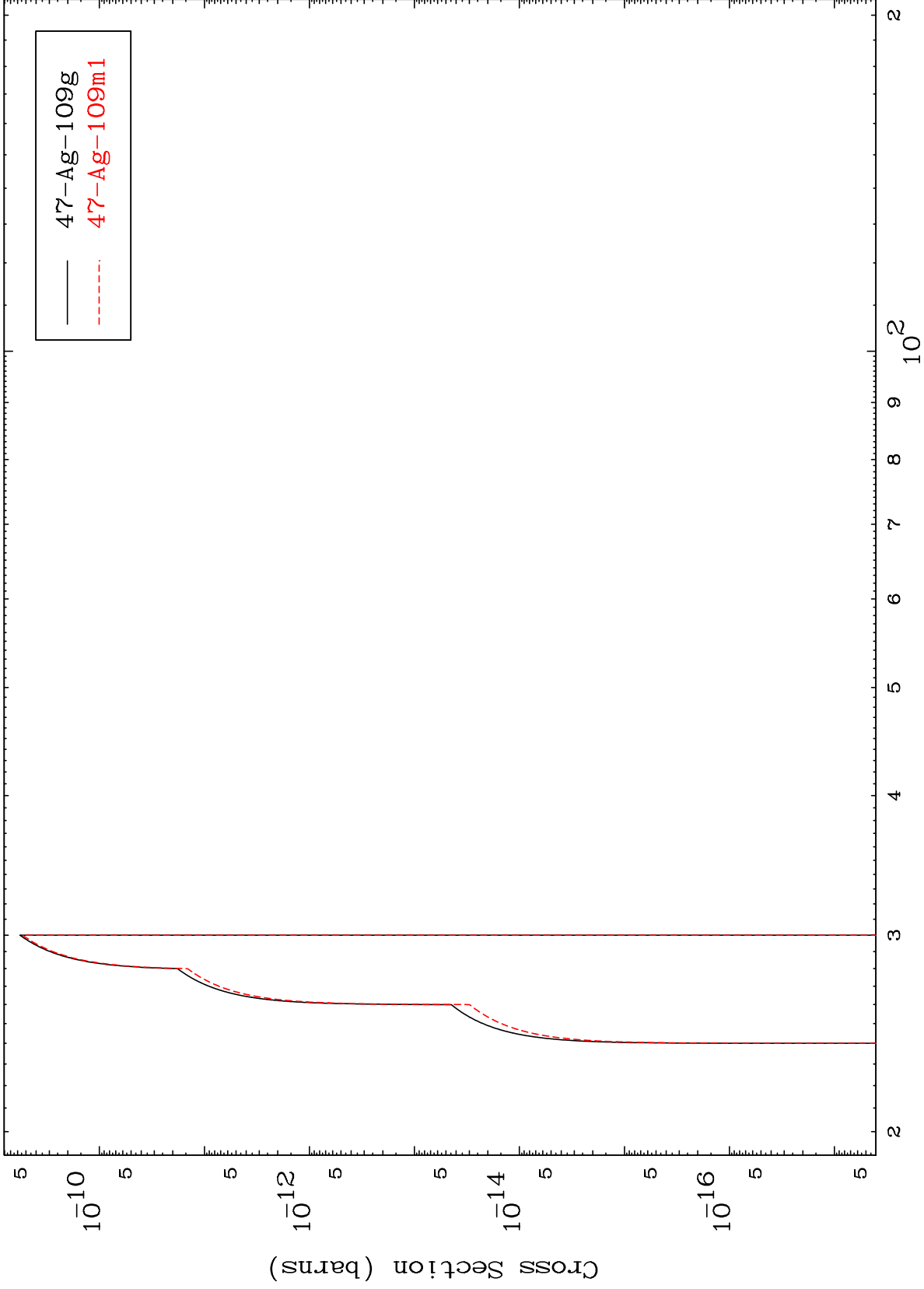
49-In-112

MAT 4922

(γ, p) d

49-In-112

Radionuclide Production Cross Section



24

Incident Energy (MeV)

49-In-112