

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

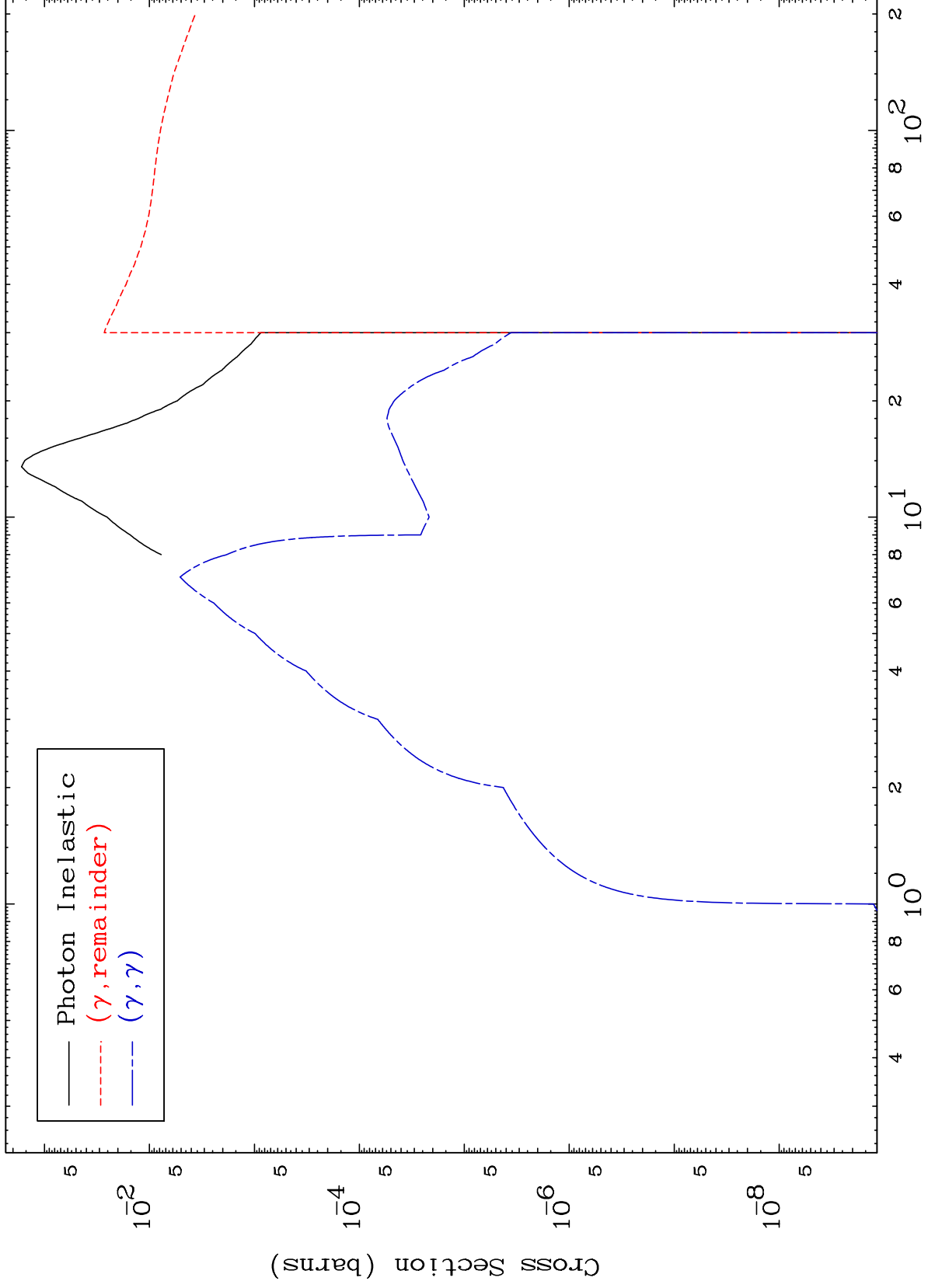
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4961

Photon Major
0 Kelvin Cross Sections

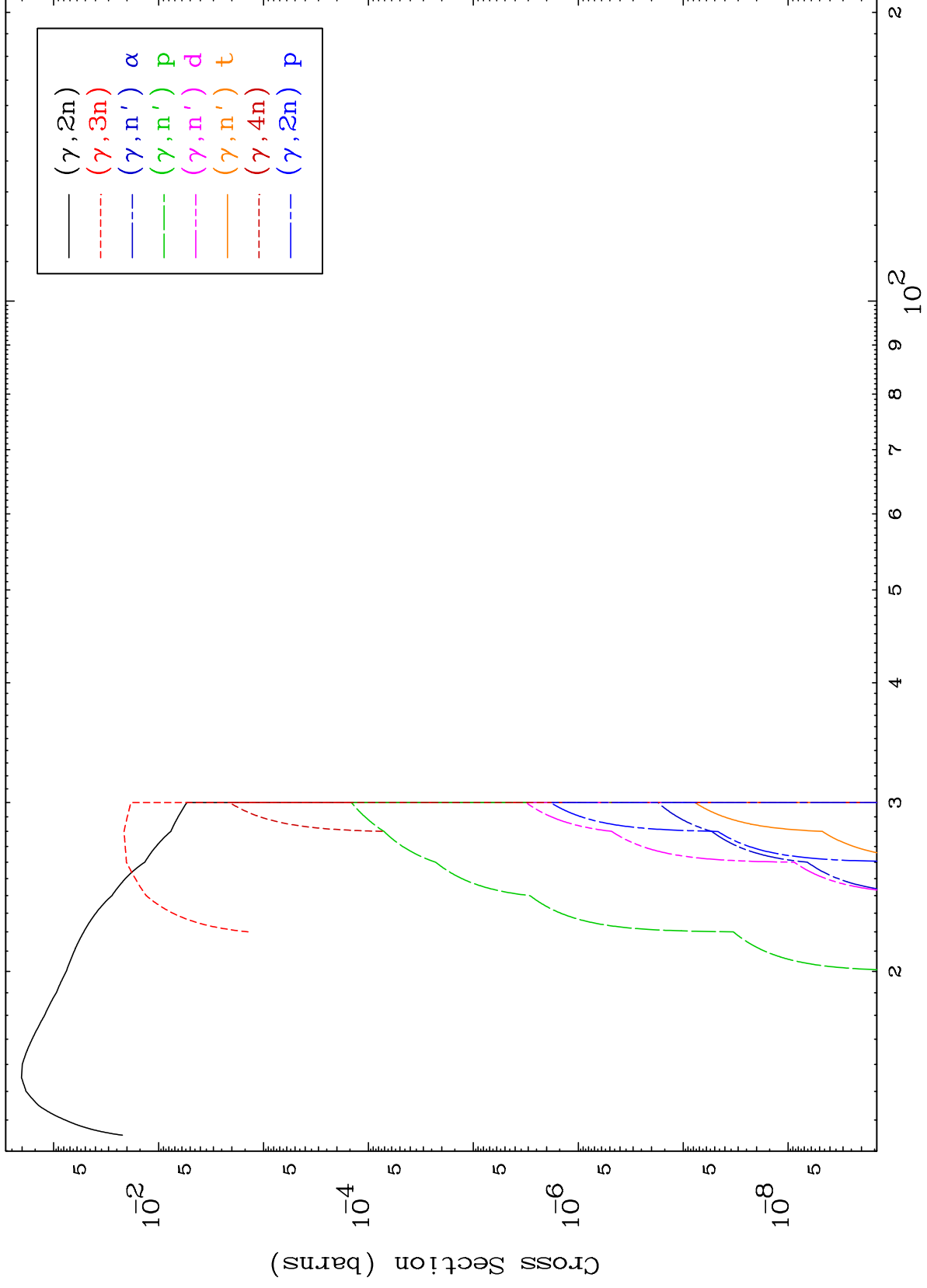
49-In-125



MAT 4961

Photon Neutron Production
0 Kelvin Cross Sections

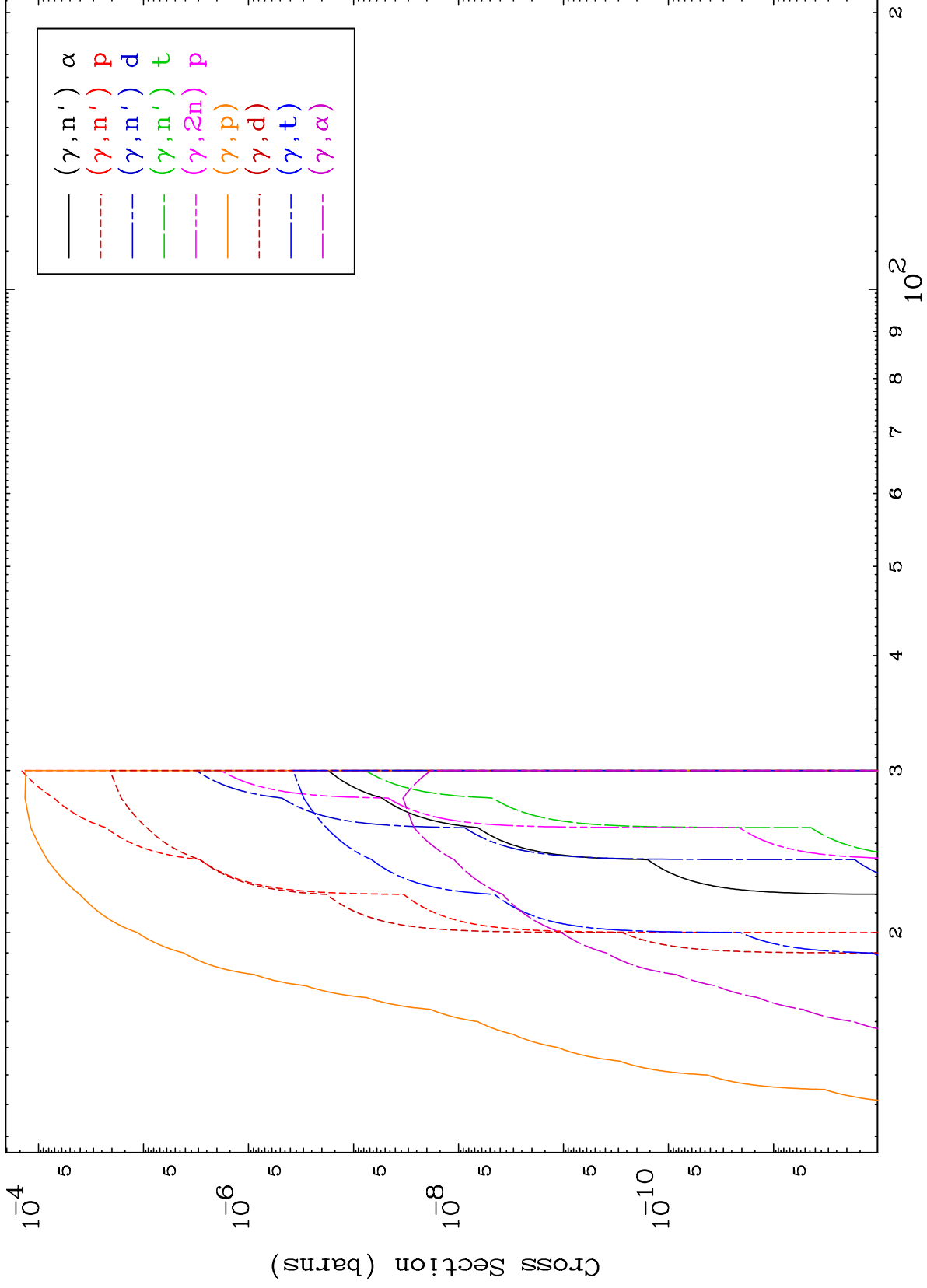
49-In-125



2

Incident Energy (MeV)

49-In-125

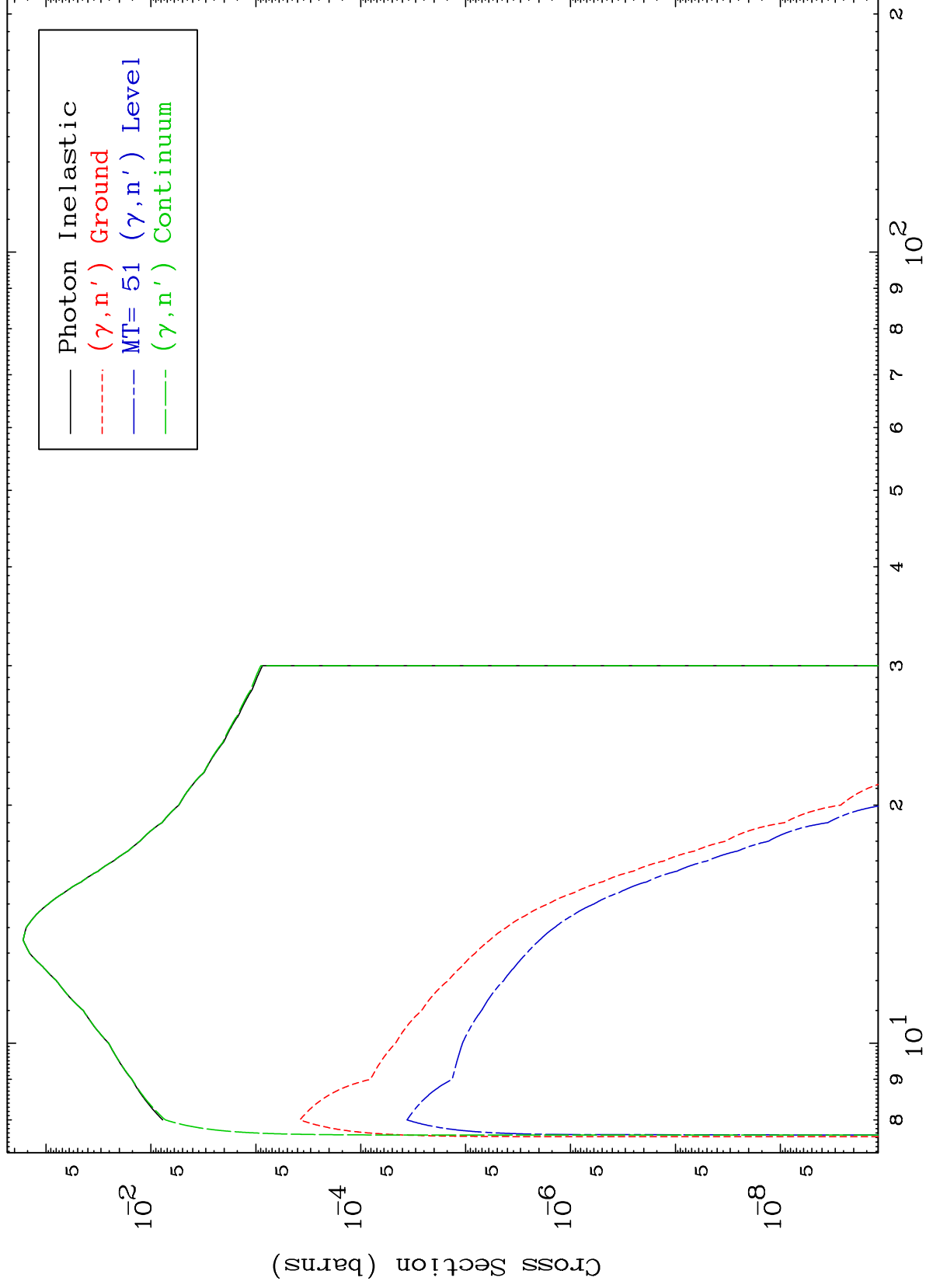


MAT 4961

(γ, n') Level

49-In-125

0 Kelvin Cross Sections



Incident Energy (MeV)

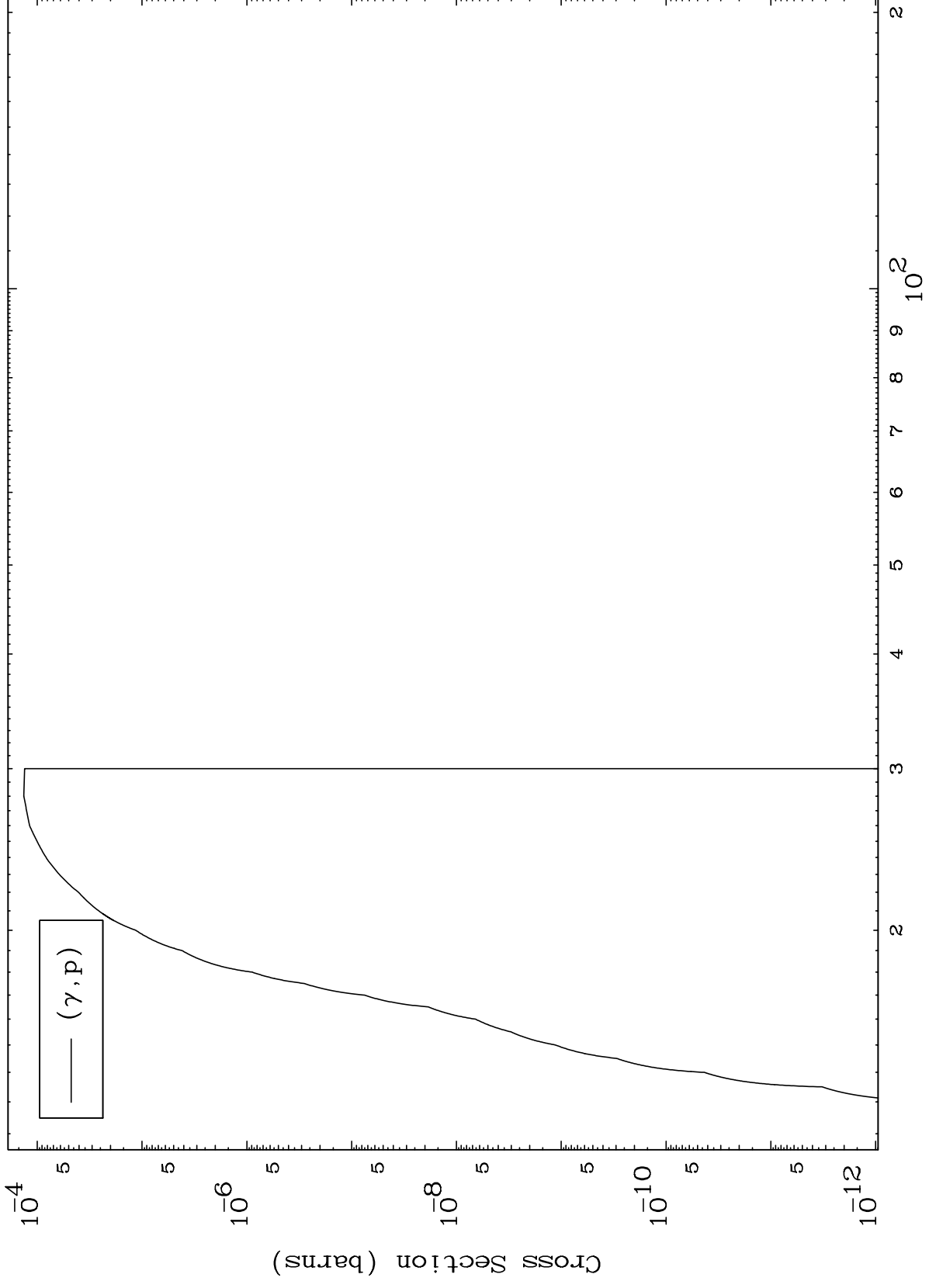
49-In-125

4

MAT 4961

(γ, p) Levels
0 Kelvin Cross Sections

49-In-125



5

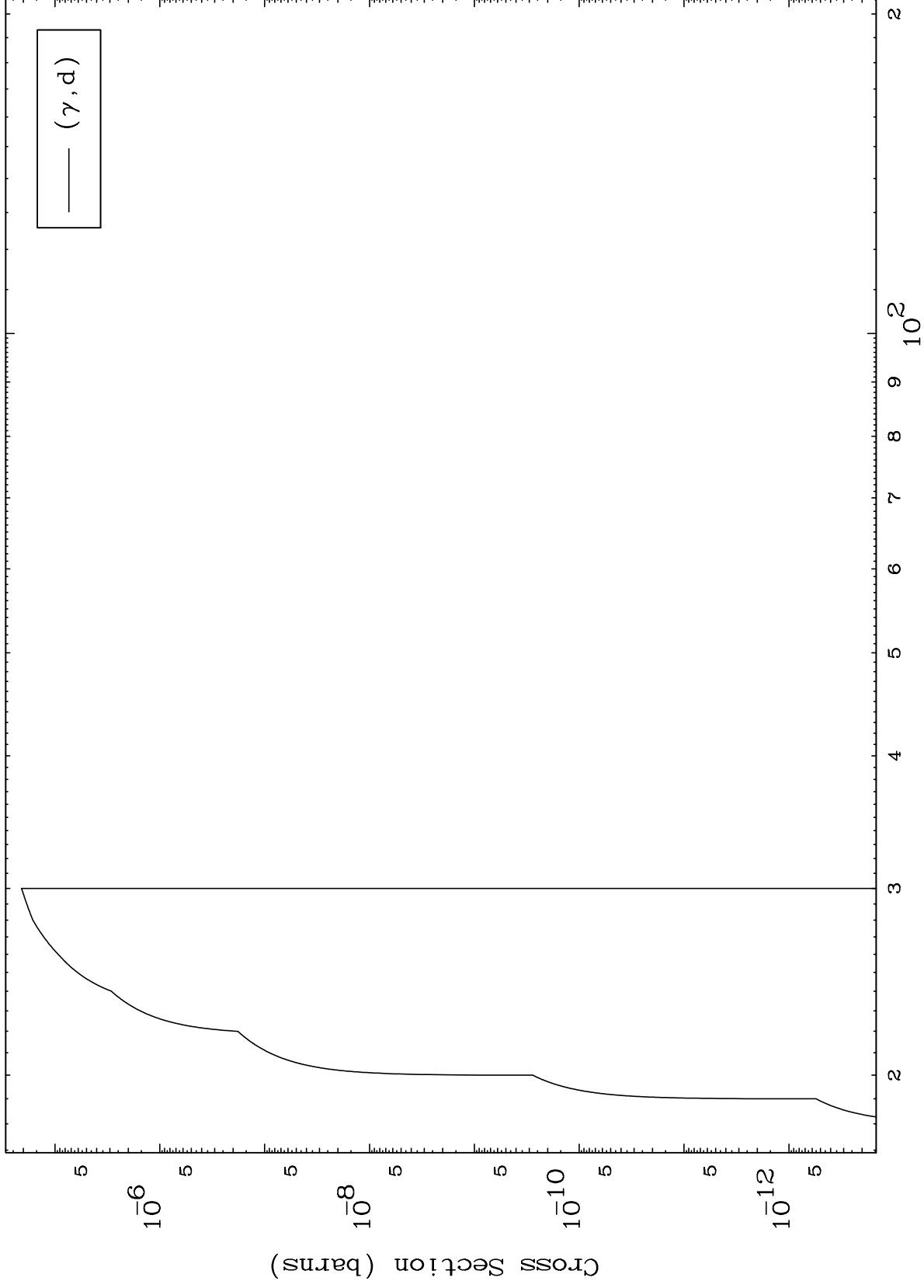
Incident Energy (MeV)

49-In-125

MAT 4961

(γ, d) Levels
0 Kelvin Cross Sections

49-In-125



6

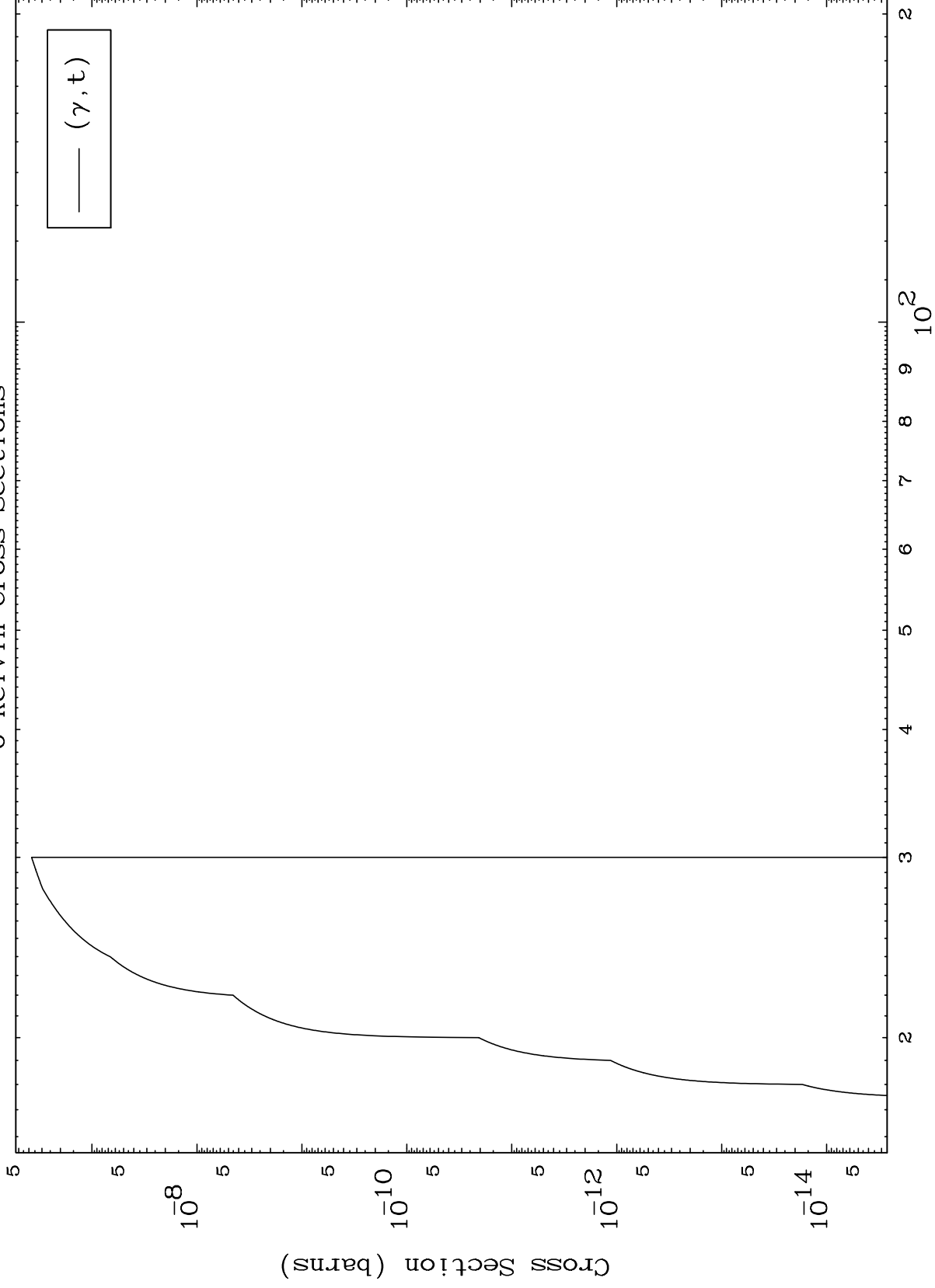
Incident Energy (MeV)

49-In-125

MAT 4961

(γ, t) Levels
0 Kelvin Cross Sections

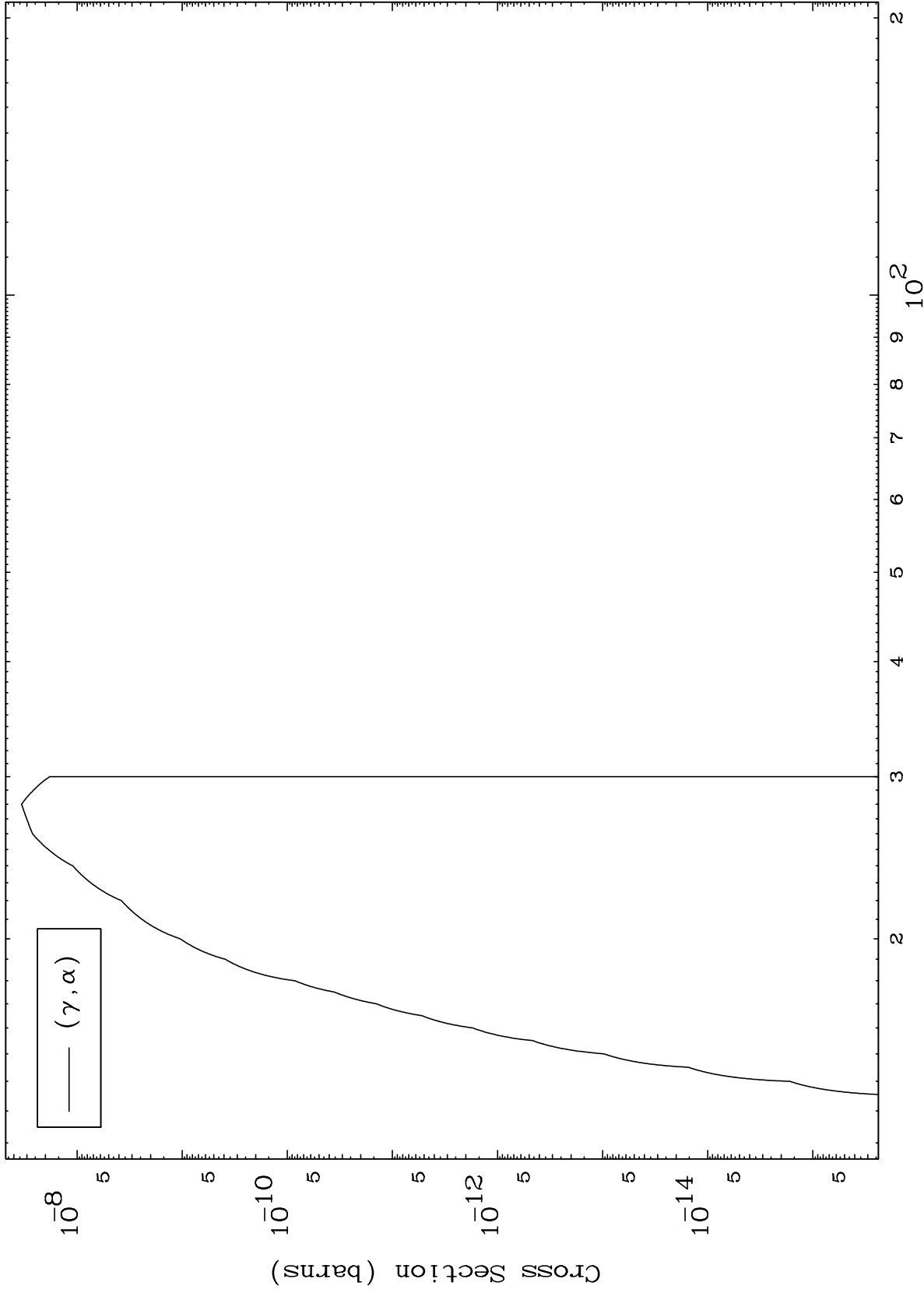
49-In-125



7

Incident Energy (MeV)

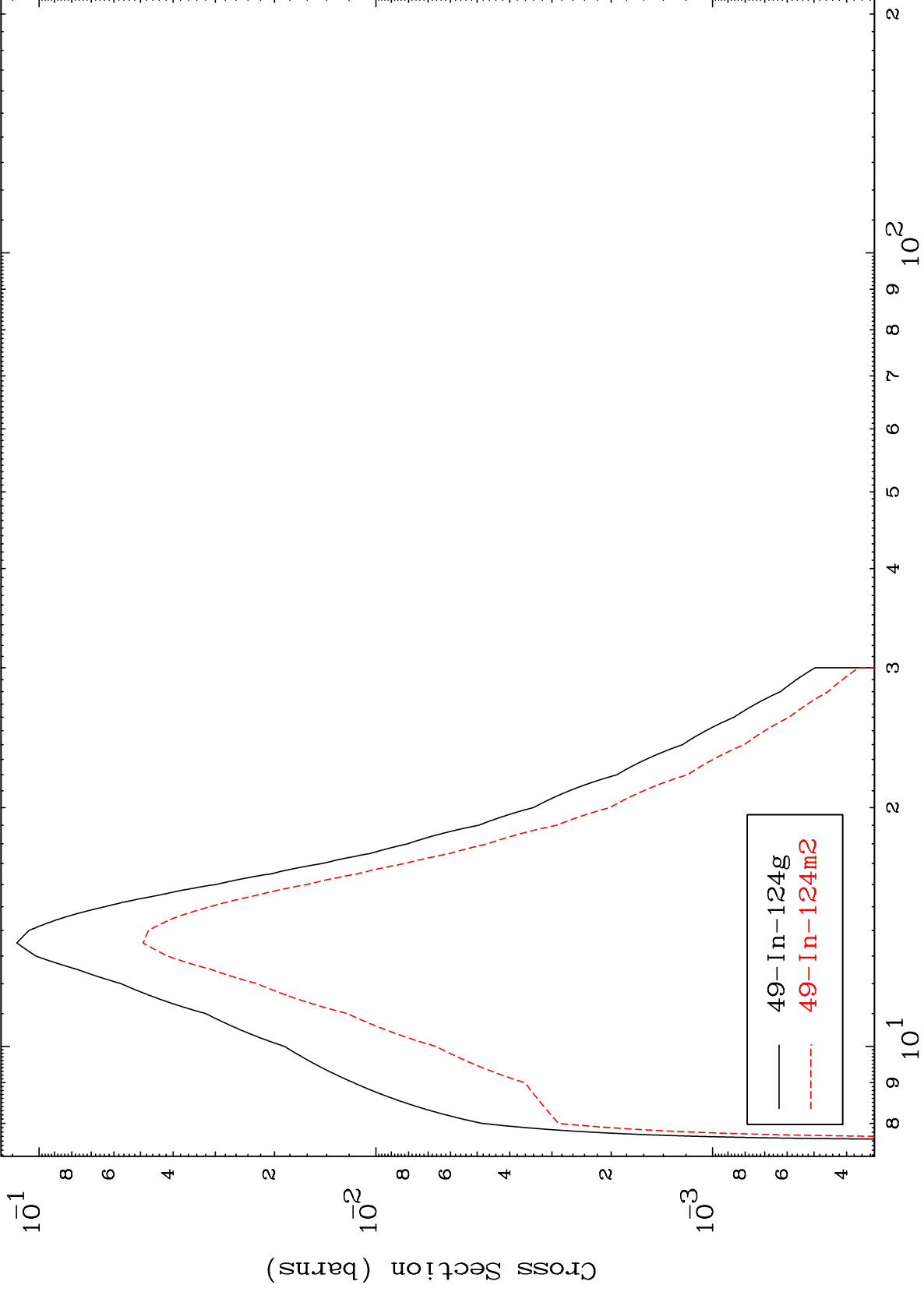
49-In-125



MAT 4961

Photon Inelastic
Radionuclide Production Cross Section

49-In-125



9

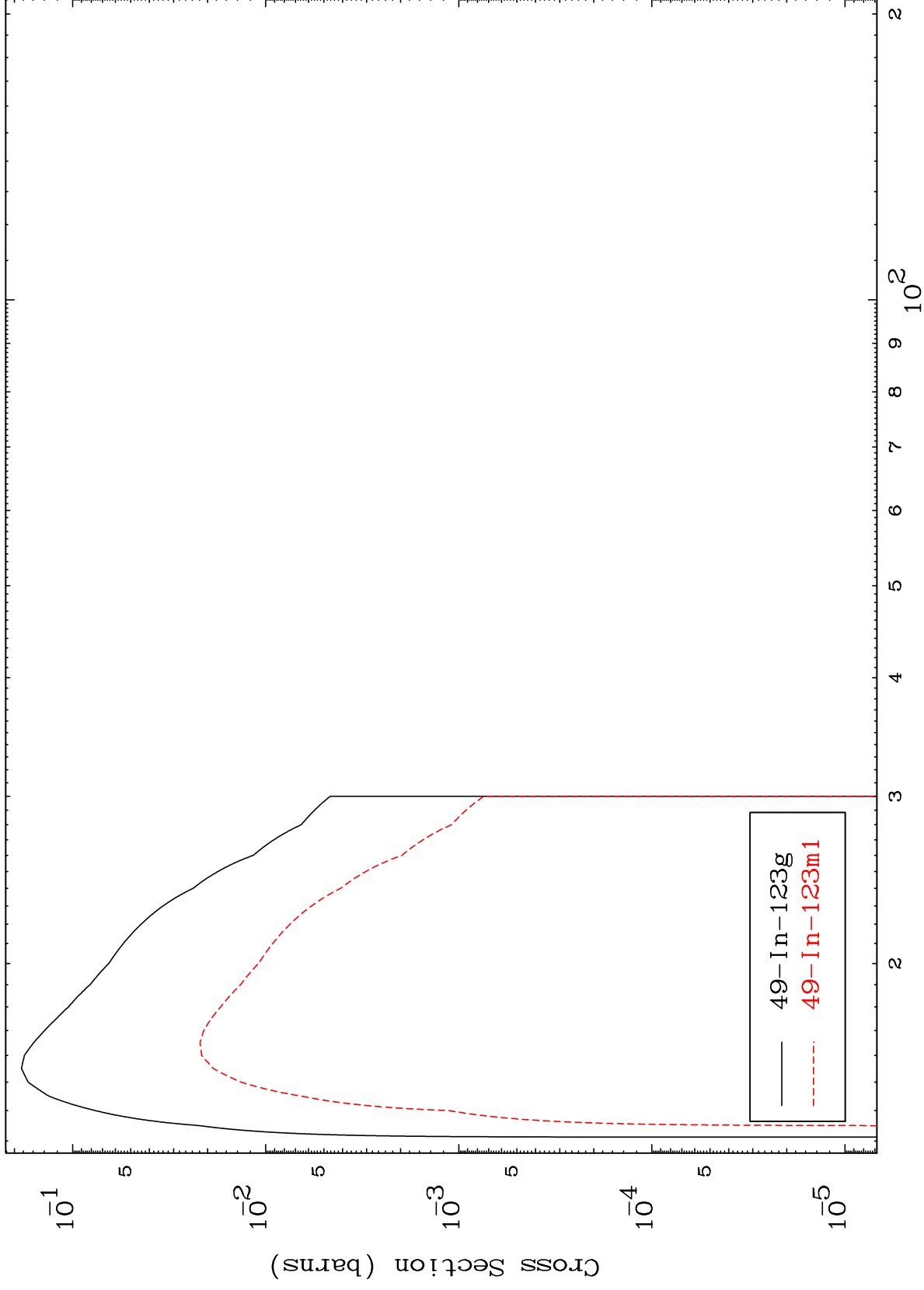
Incident Energy (MeV)

49-In-125

MAT 4961

49-In-125

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



49-In-125

Incident Energy (MeV)

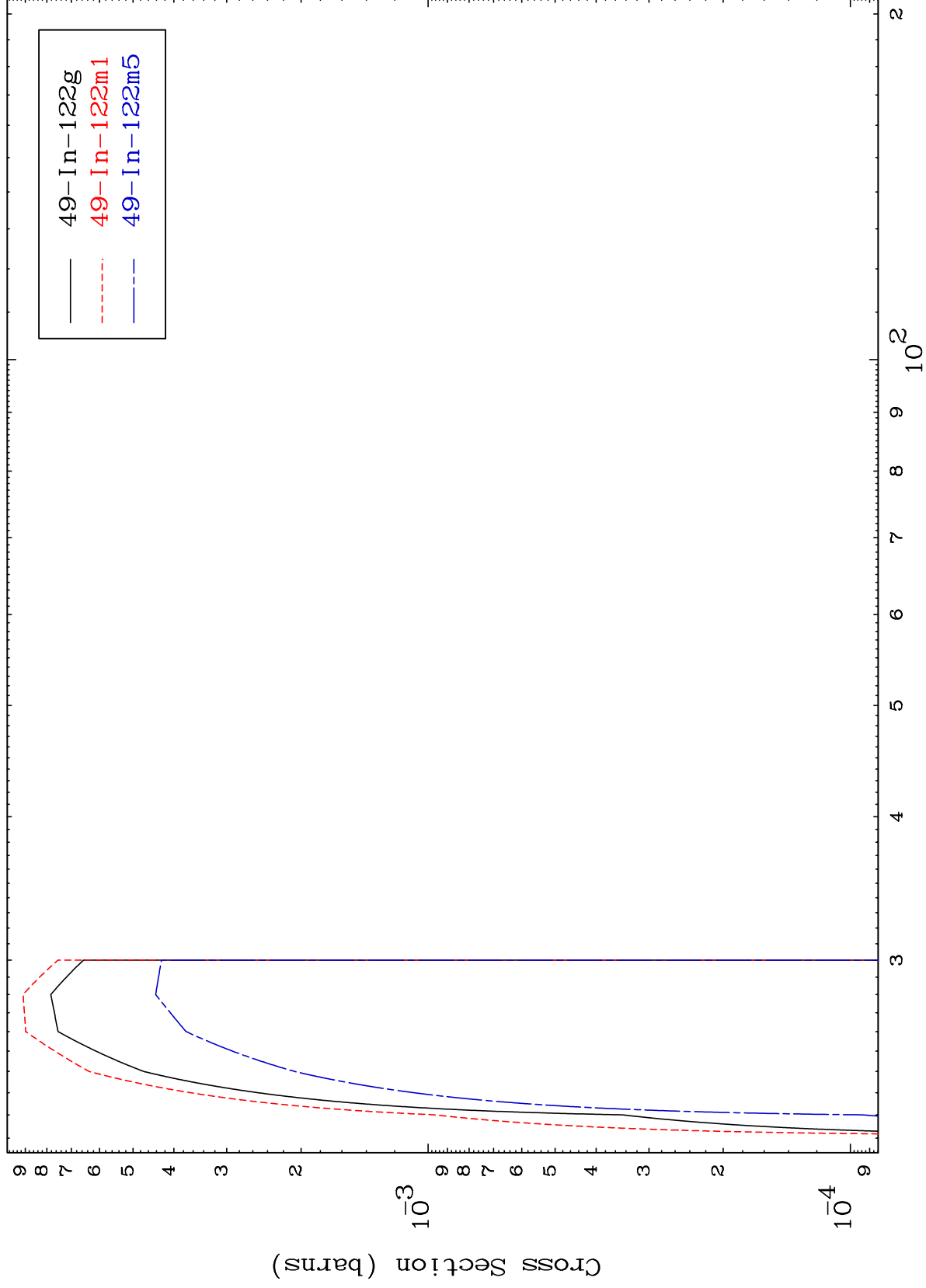
10

MAT 4961

49-In-125

($\gamma, 3n$)

Radionuclide Production Cross Section



11

Incident Energy (MeV)

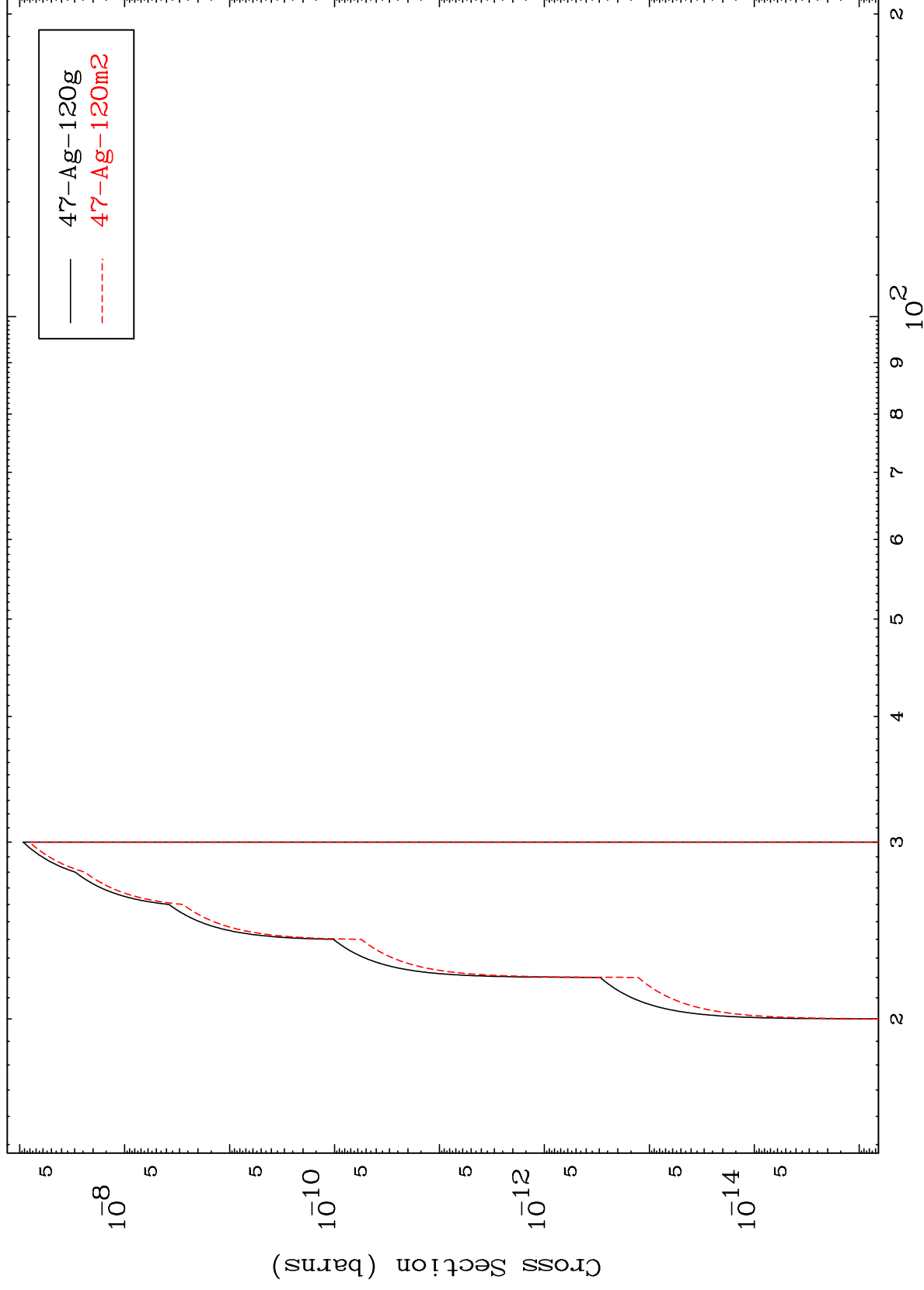
49-In-125

MAT 4961

(γ, n') α

49-In-125

Radionuclide Production Cross Section



12

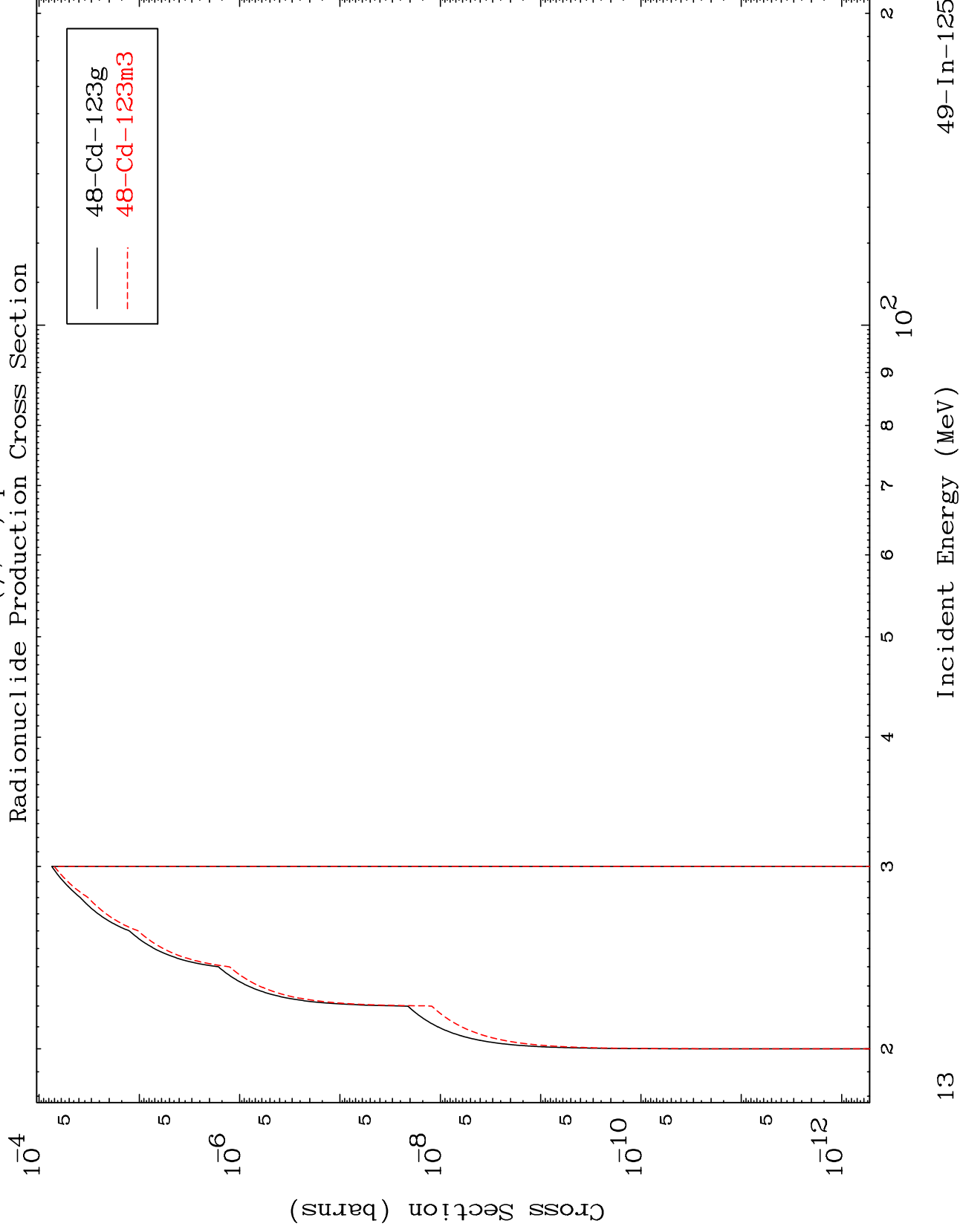
Incident Energy (MeV)

49-In-125

MAT 4961

(γ, n') p

49-In-125



13

Incident Energy (MeV)

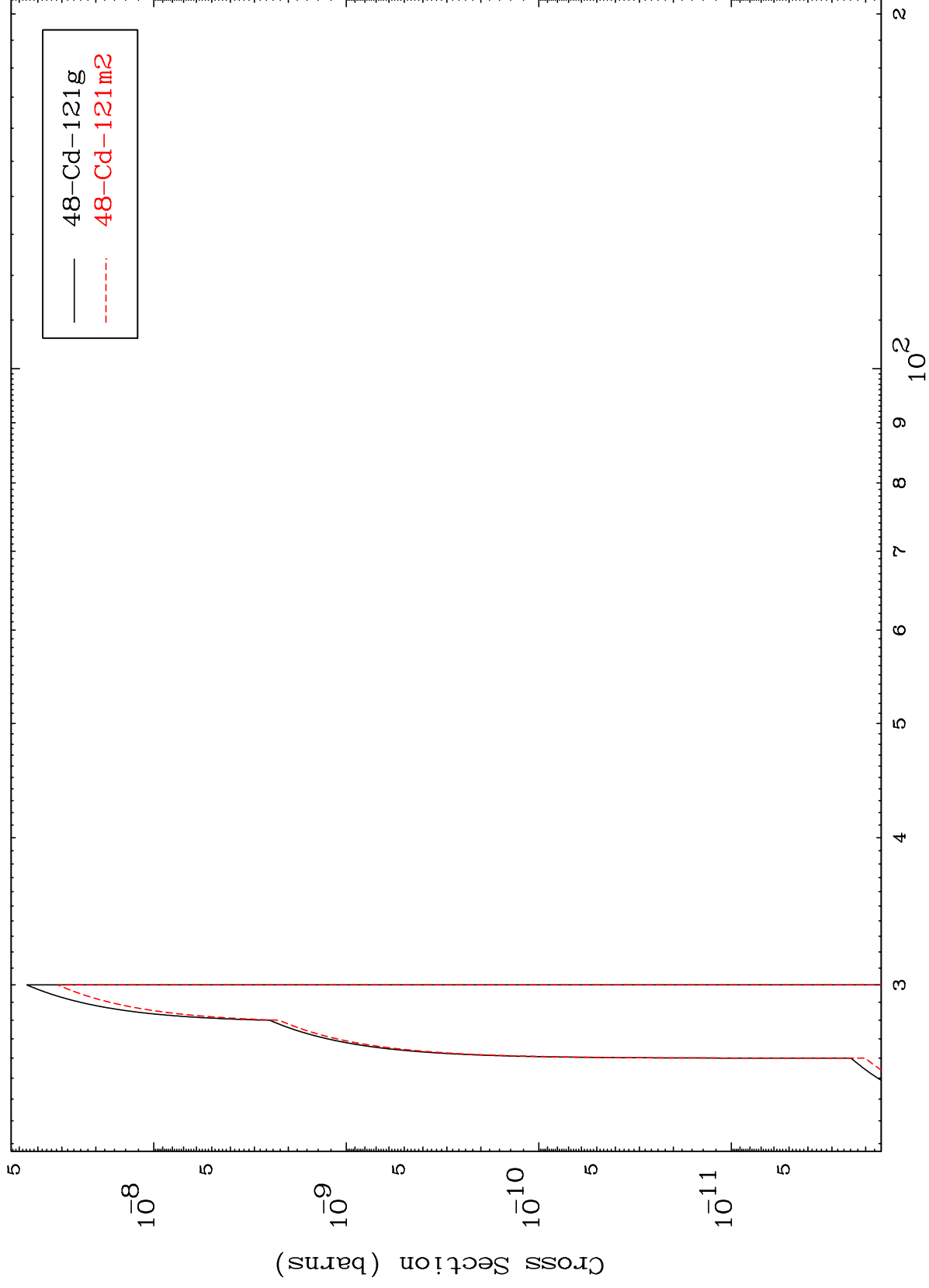
49-In-125

MAT 4961

(γ, n') t

49-In-125

Radionuclide Production Cross Section



14

Incident Energy (MeV)

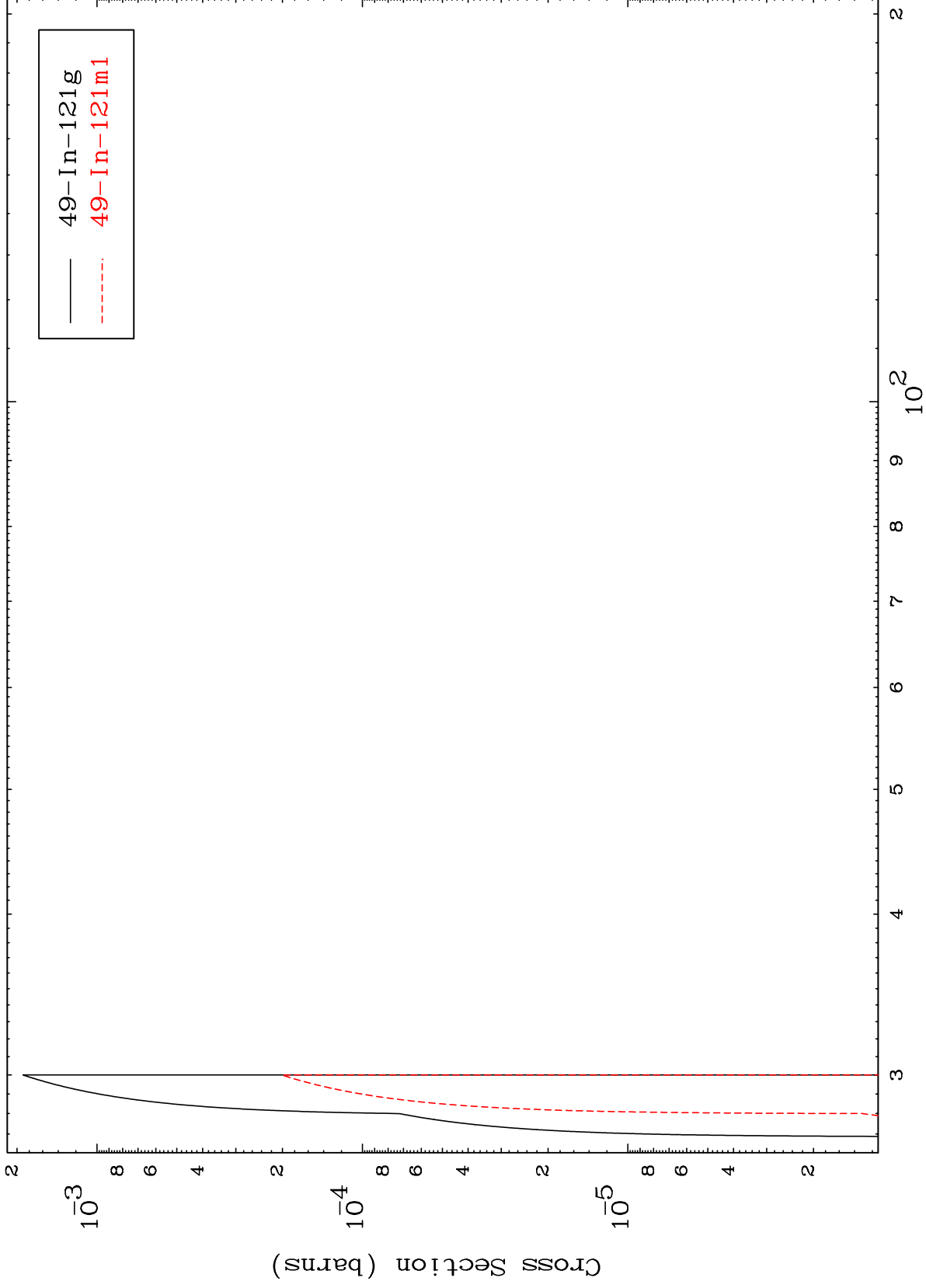
49-In-125

MAT 4961

49-In-125

($\gamma, 4n$)

Radionuclide Production Cross Section



15

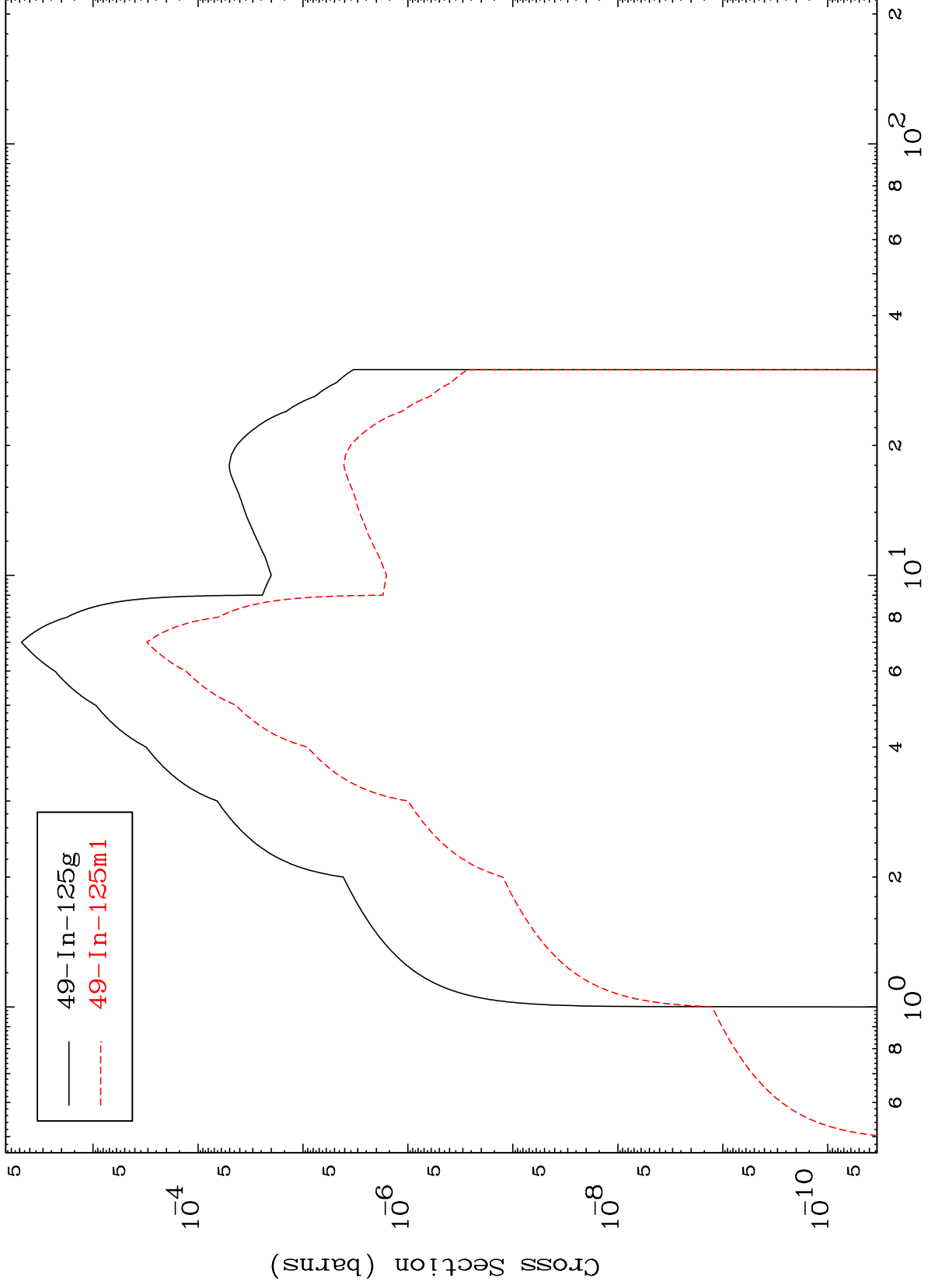
Incident Energy (MeV)

49-In-125

MAT 4961

49-In-125

(γ, γ)
Radionuclide Production Cross Section



— 49-In-125g
- - - 49-In-125m1

16

Incident Energy (MeV)

49-In-125

(γ, d)
Radionuclide Production Cross Section

