

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

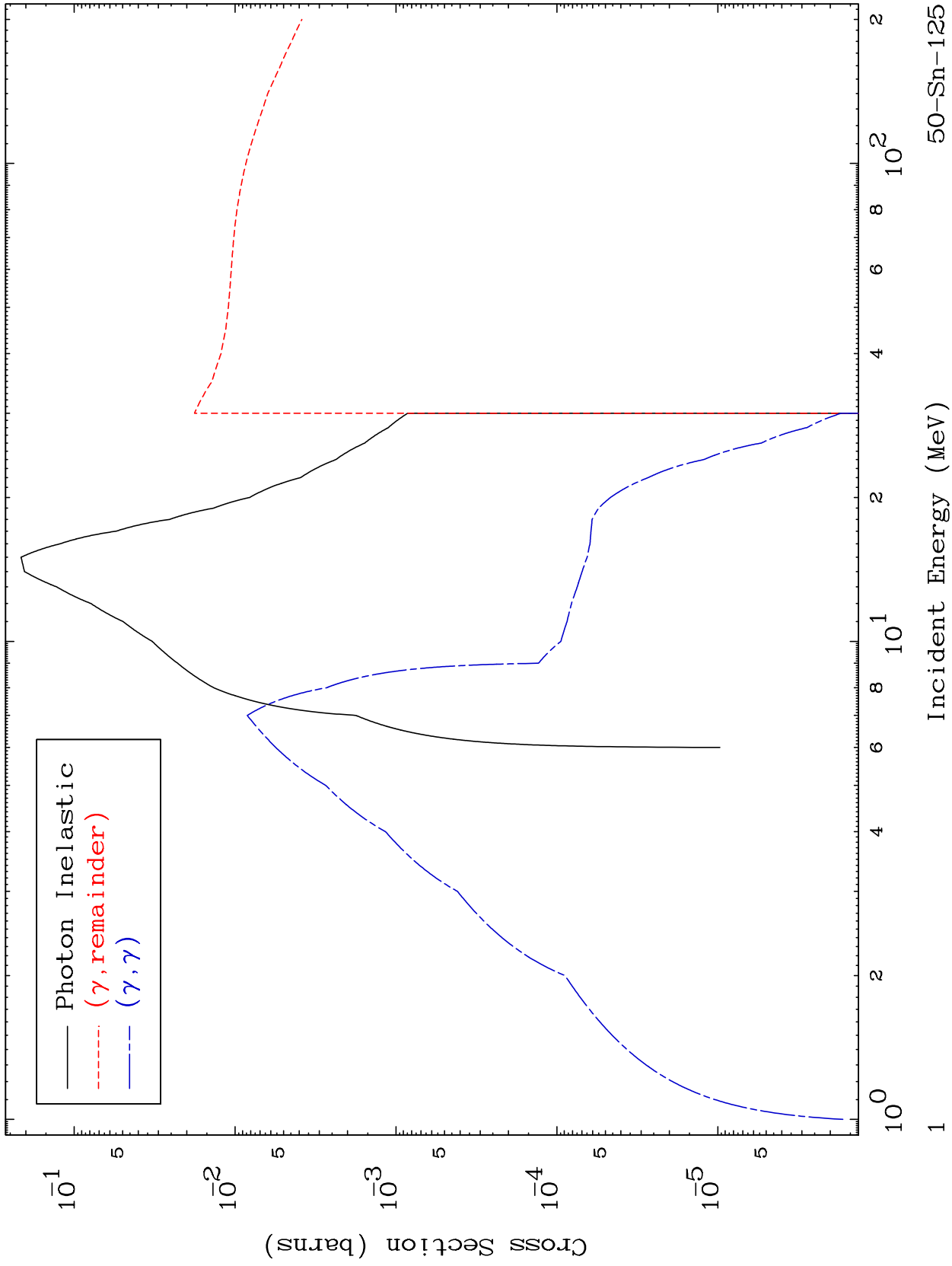
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5064

Photon Major
0 Kelvin Cross Sections

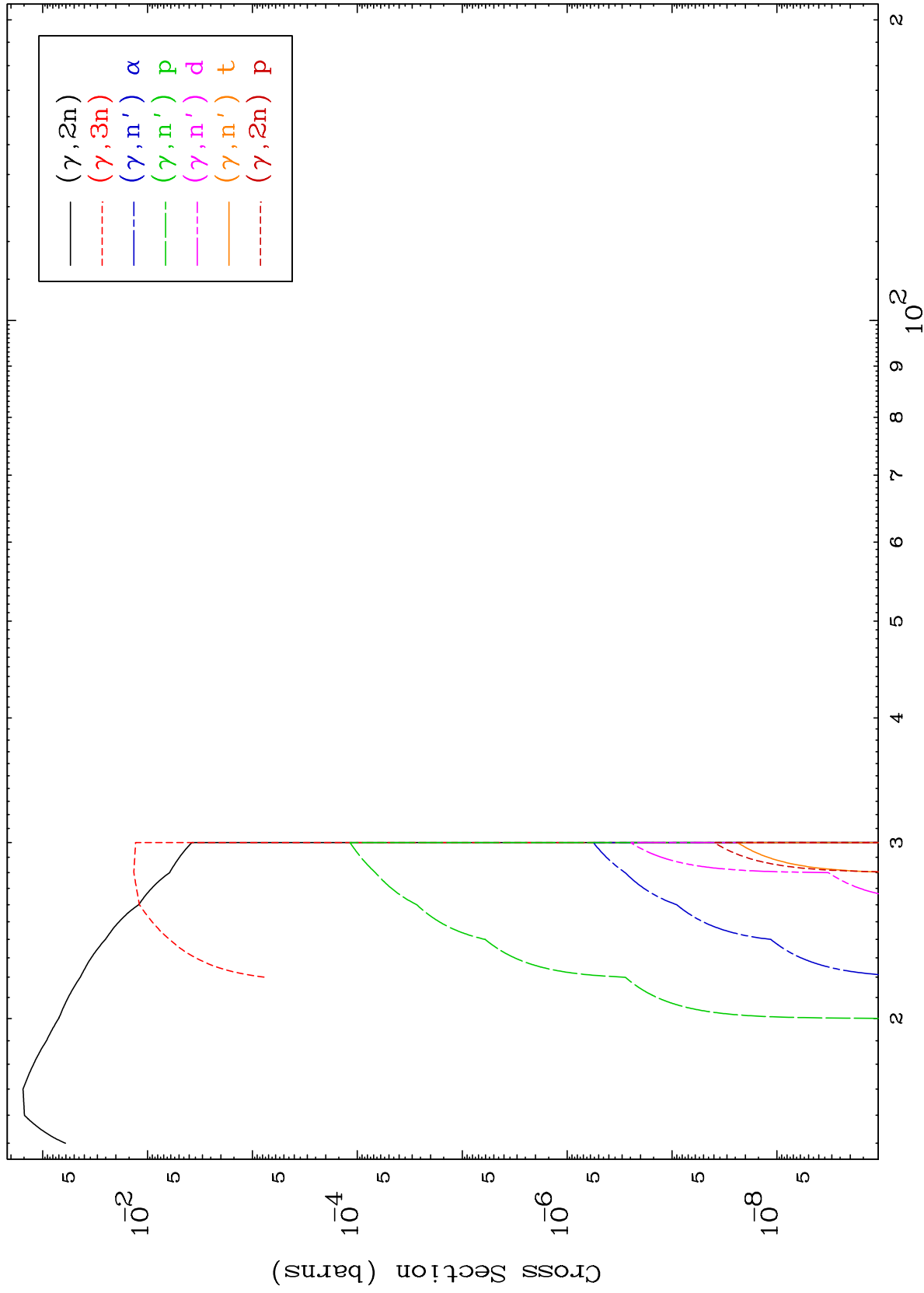
50-Sn-125



MAT 5064

Photon Neutron Production
0 Kelvin Cross Sections

50-Sn-125



2

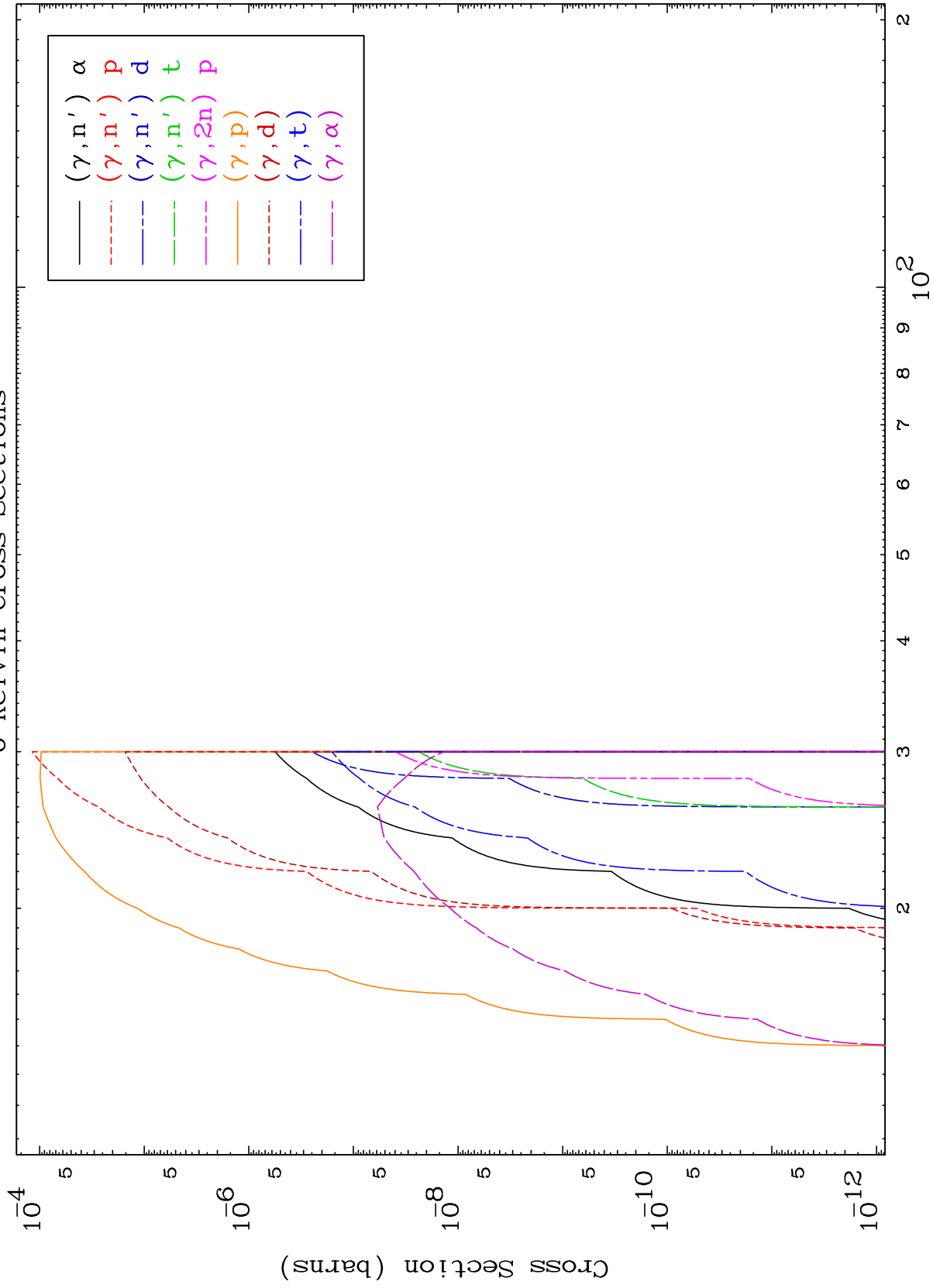
Incident Energy (MeV)

50-Sn-125

MAT 5064

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-125



3

Incident Energy (MeV)

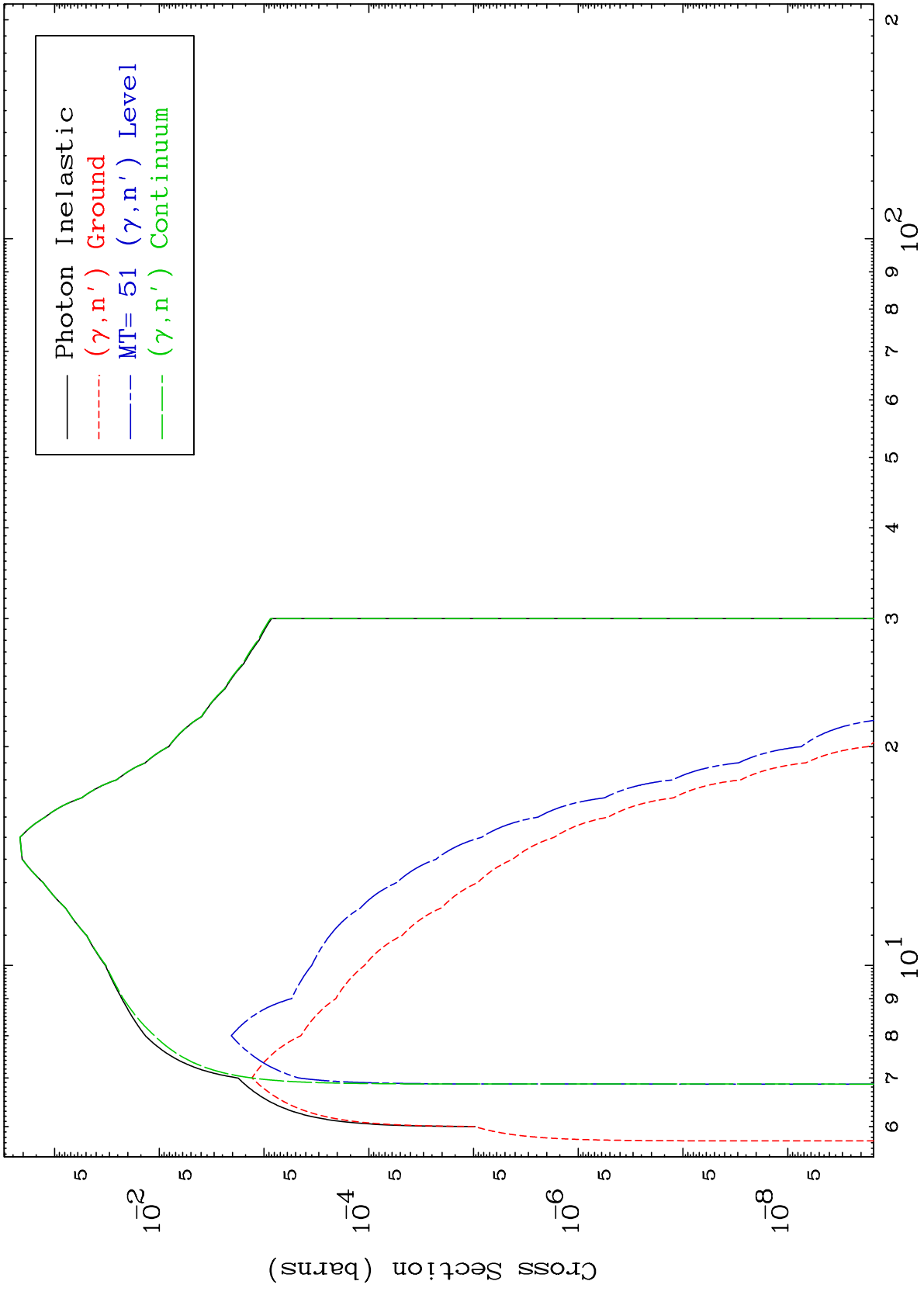
50-Sn-125

MAT 5064

(γ, n') Level

50-Sn-125

0 Kelvin Cross Sections



4

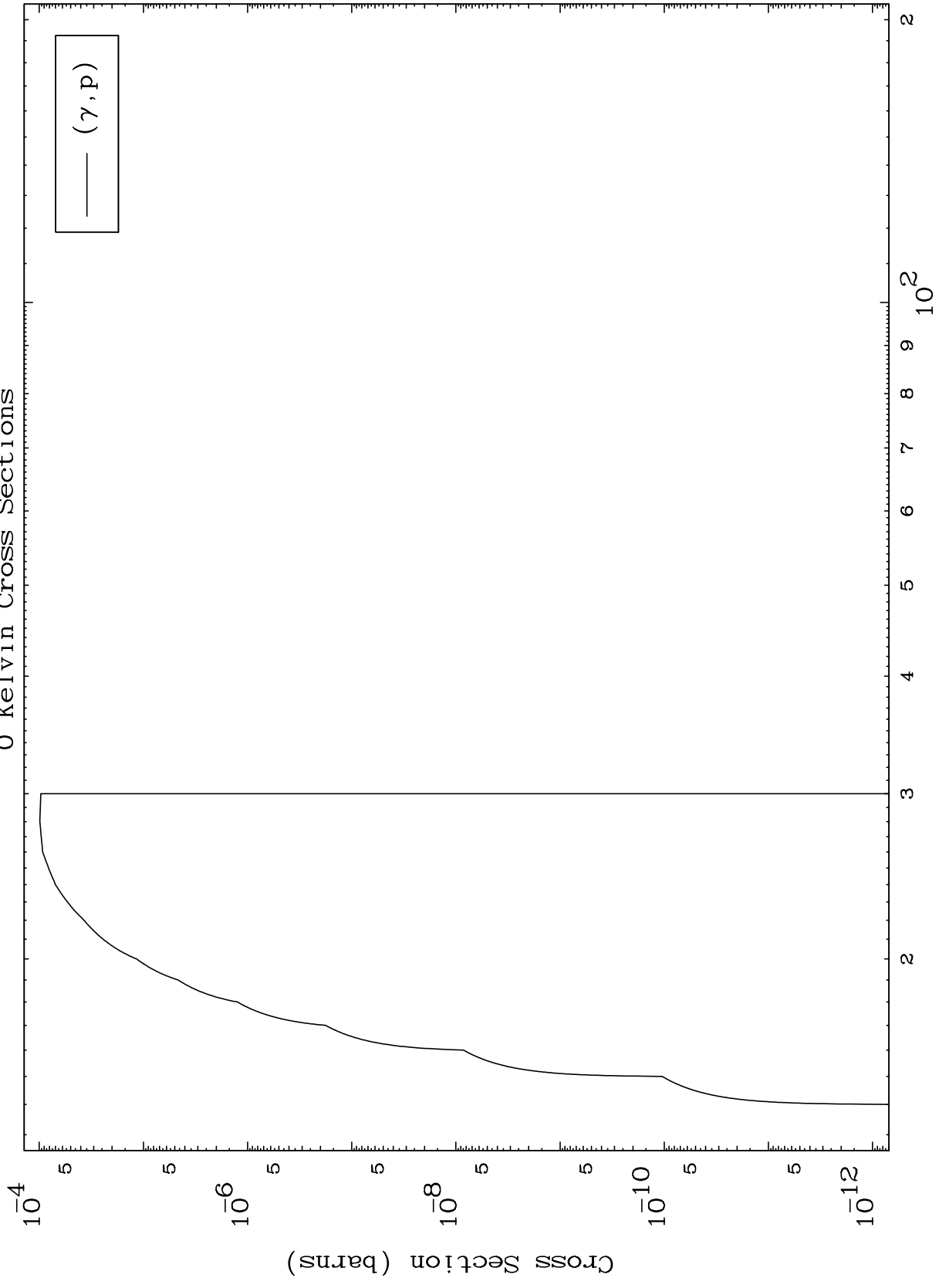
Incident Energy (MeV)

50-Sn-125

MAT 5064

(γ, p) Levels
0 Kelvin Cross Sections

50-Sn-125



5

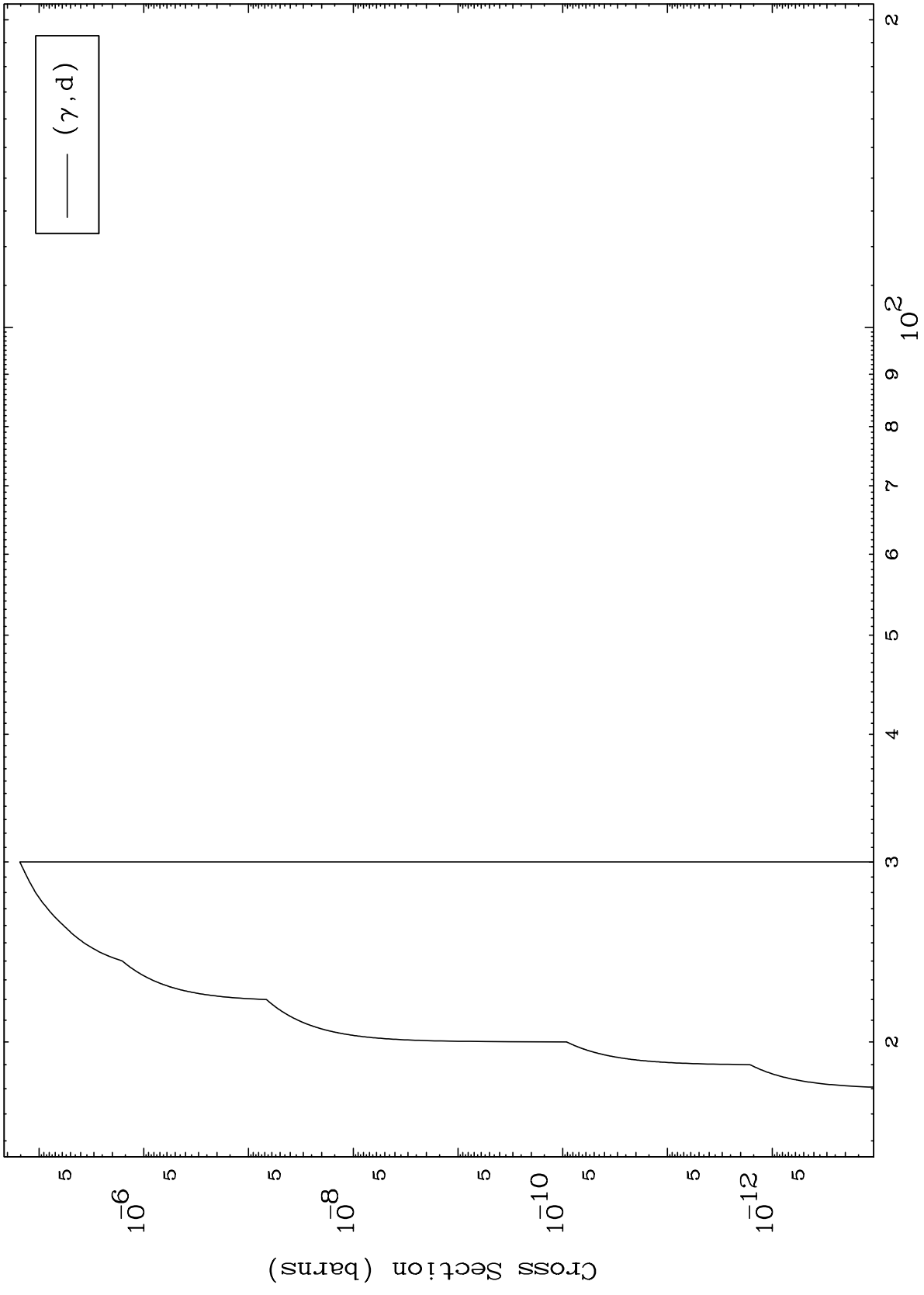
Incident Energy (MeV)

50-Sn-125

MAT 5064

(γ, d) Levels
0 Kelvin Cross Sections

50-Sn-125



6

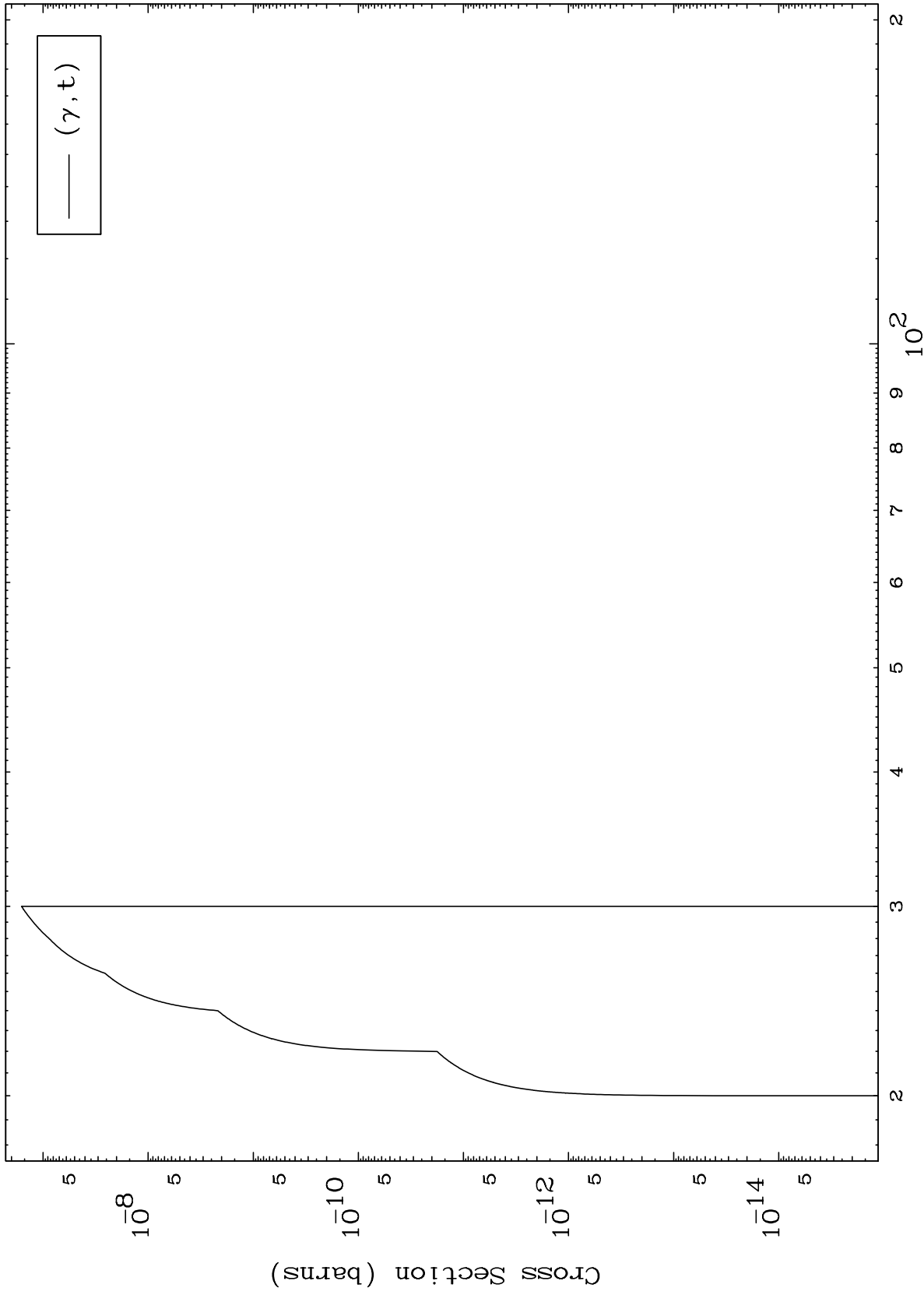
Incident Energy (MeV)

50-Sn-125

MAT 5064

(γ, t) Levels
0 Kelvin Cross Sections

50-Sn-125



7

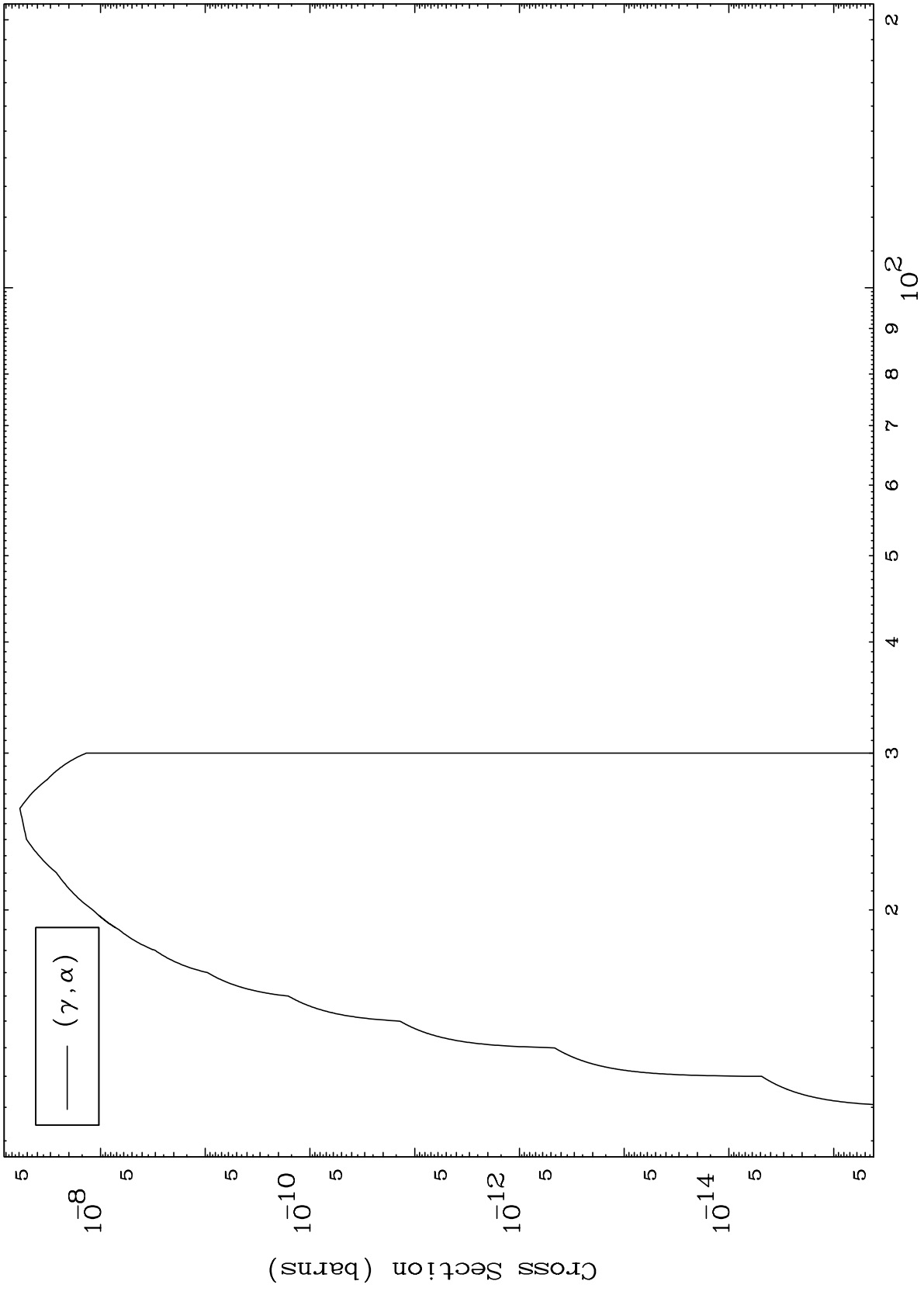
Incident Energy (MeV)

50-Sn-125

MAT 5064

(γ, α) Levels
0 Kelvin Cross Sections

50-Sn-125



8

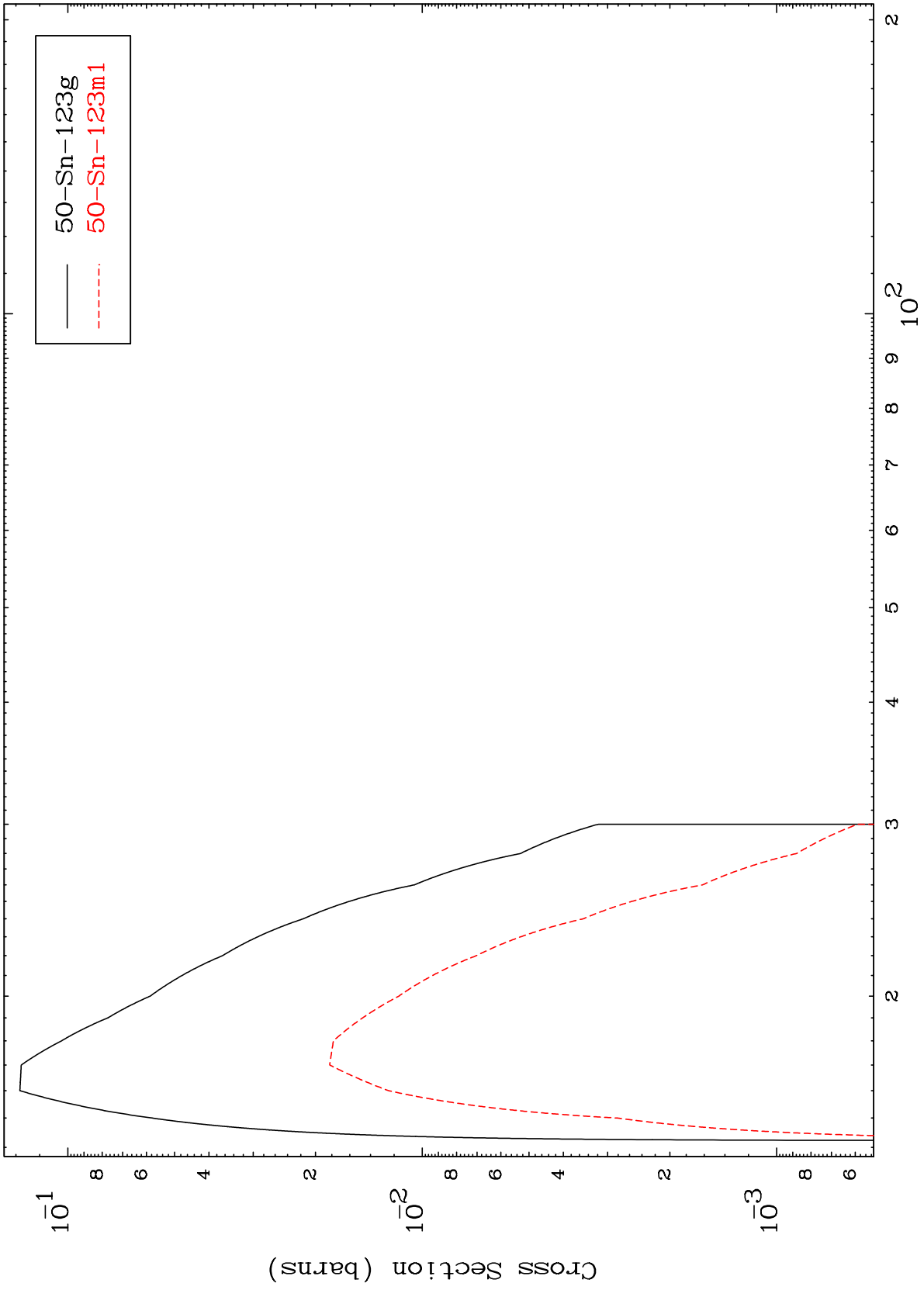
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

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



9

Incident Energy (MeV)

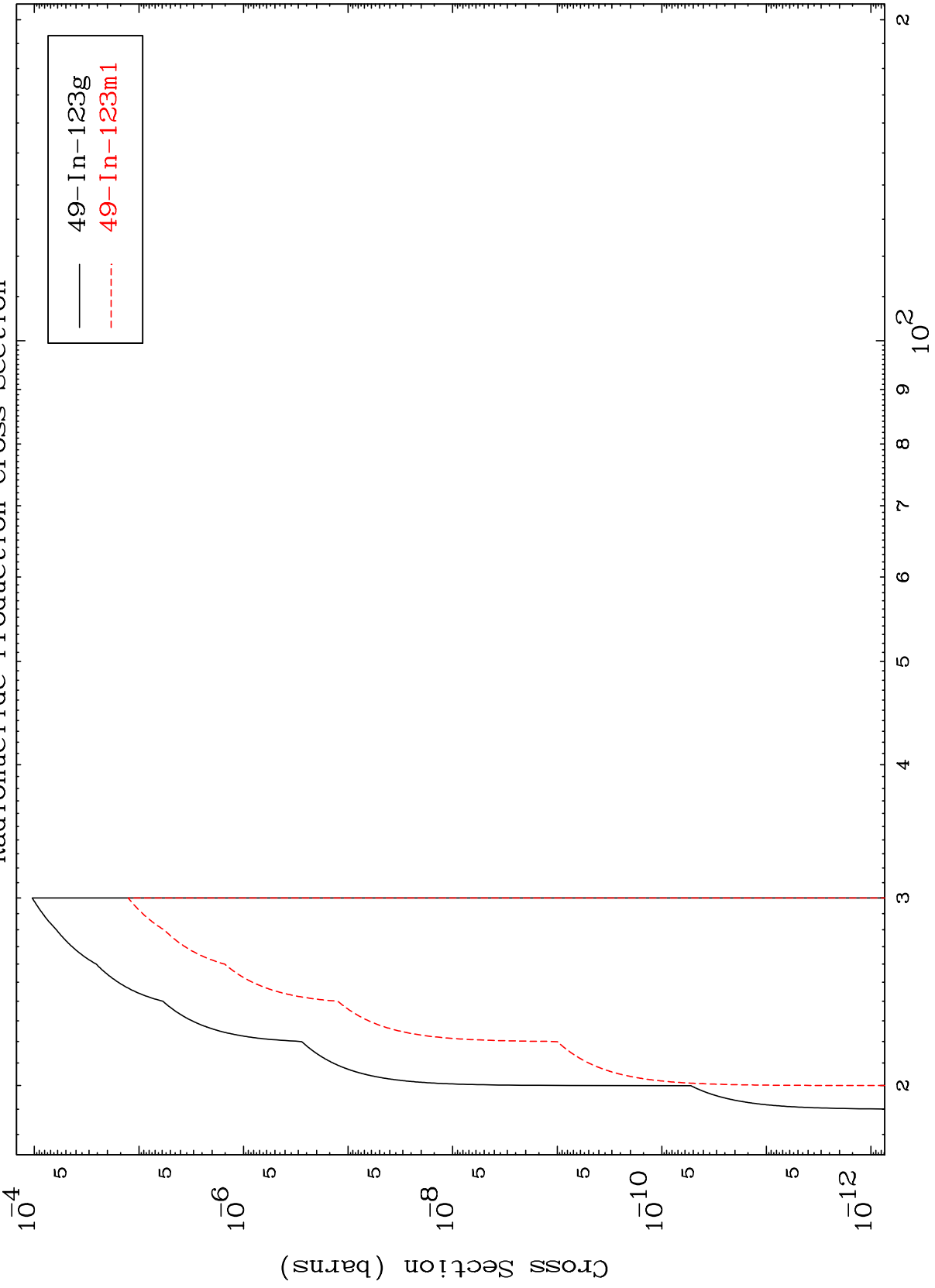
50-Sn-125

MAT 5064

(γ, n') p

50-Sn-125

Radionuclide Production Cross Section



10

Incident Energy (MeV)

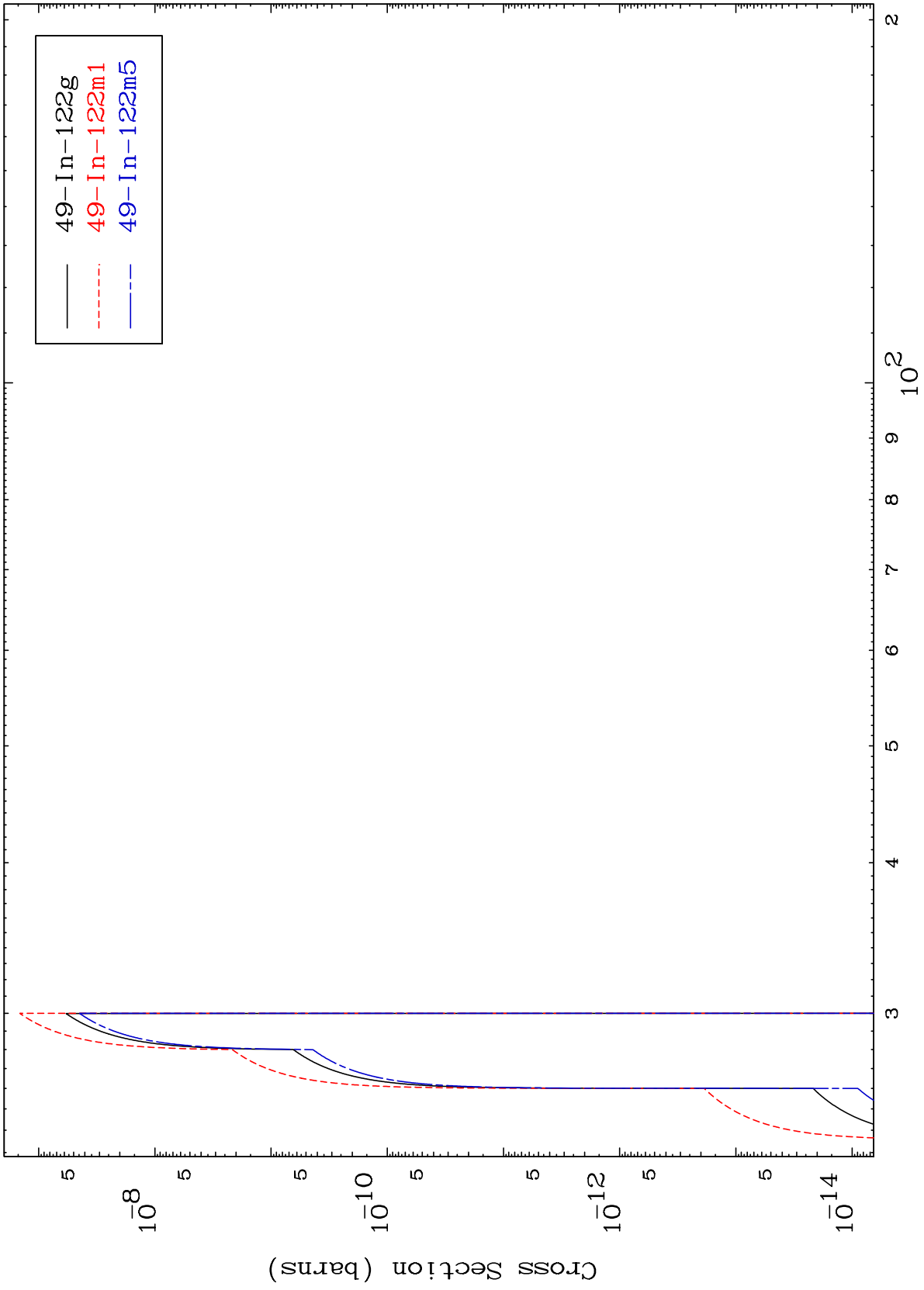
50-Sn-125

MAT 5064

(γ, n') d

50-Sn-125

Radionuclide Production Cross Section



11

Incident Energy (MeV)

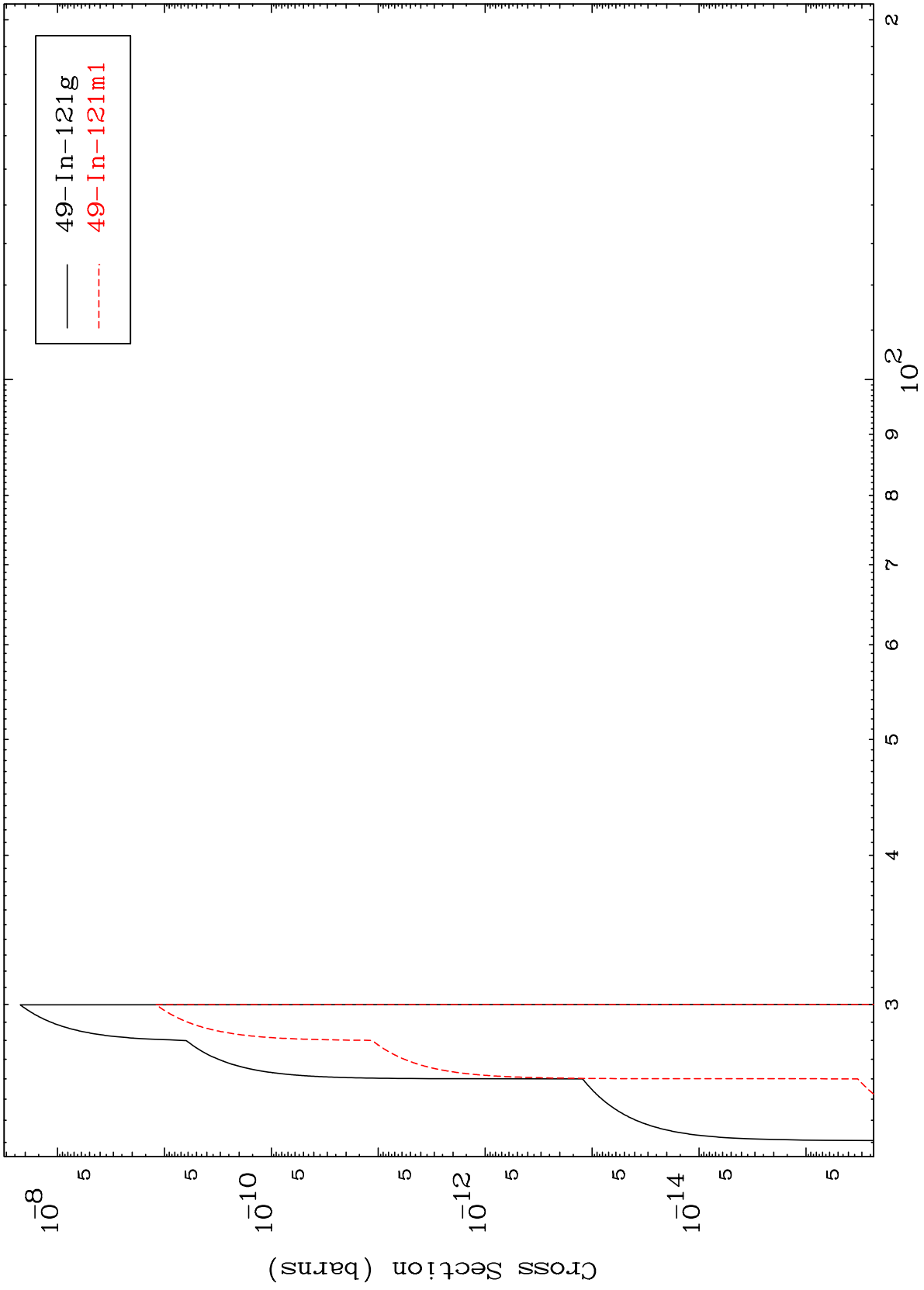
50-Sn-125

MAT 5064

(γ, n') t

50-Sn-125

Radionuclide Production Cross Section



12

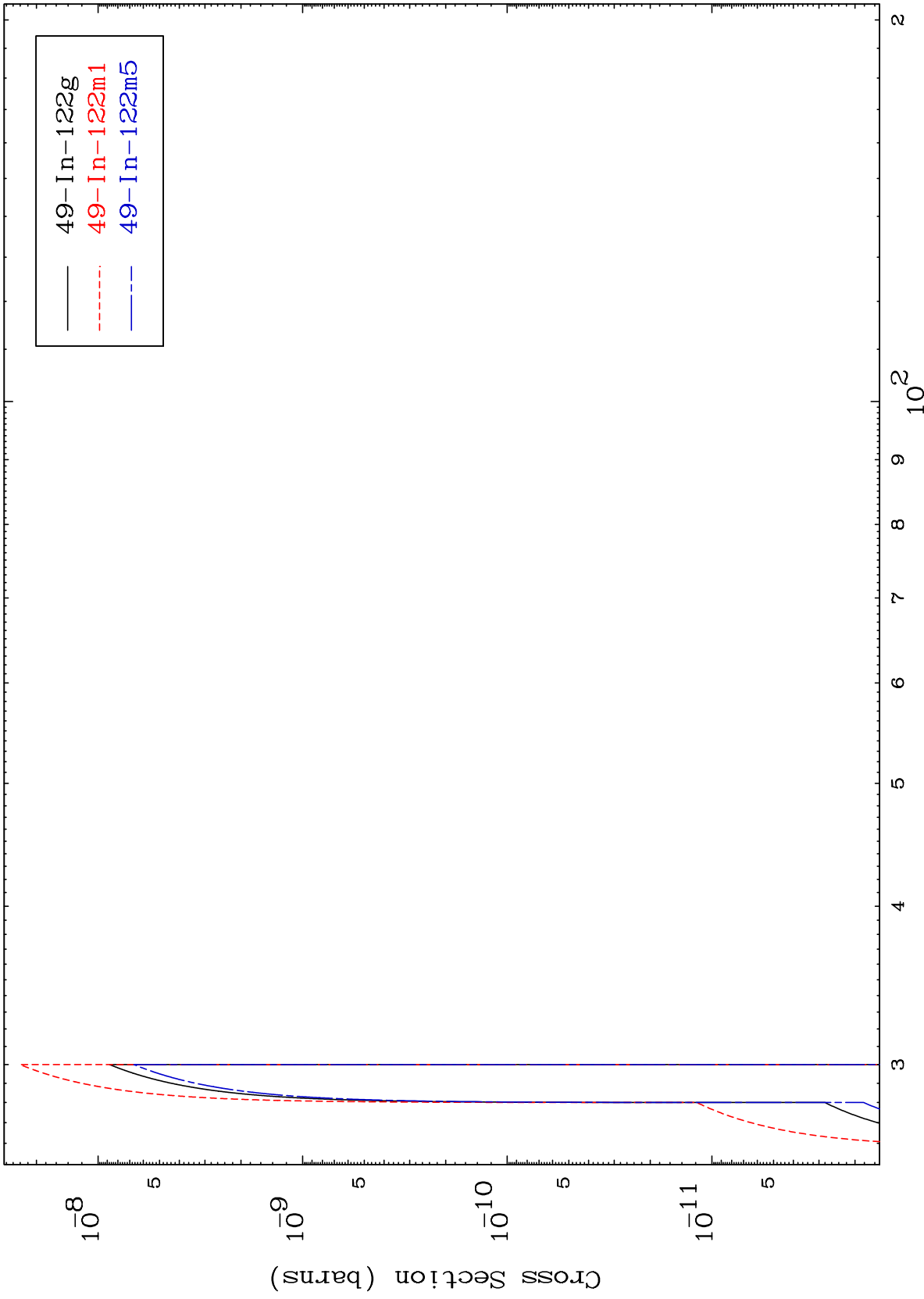
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

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



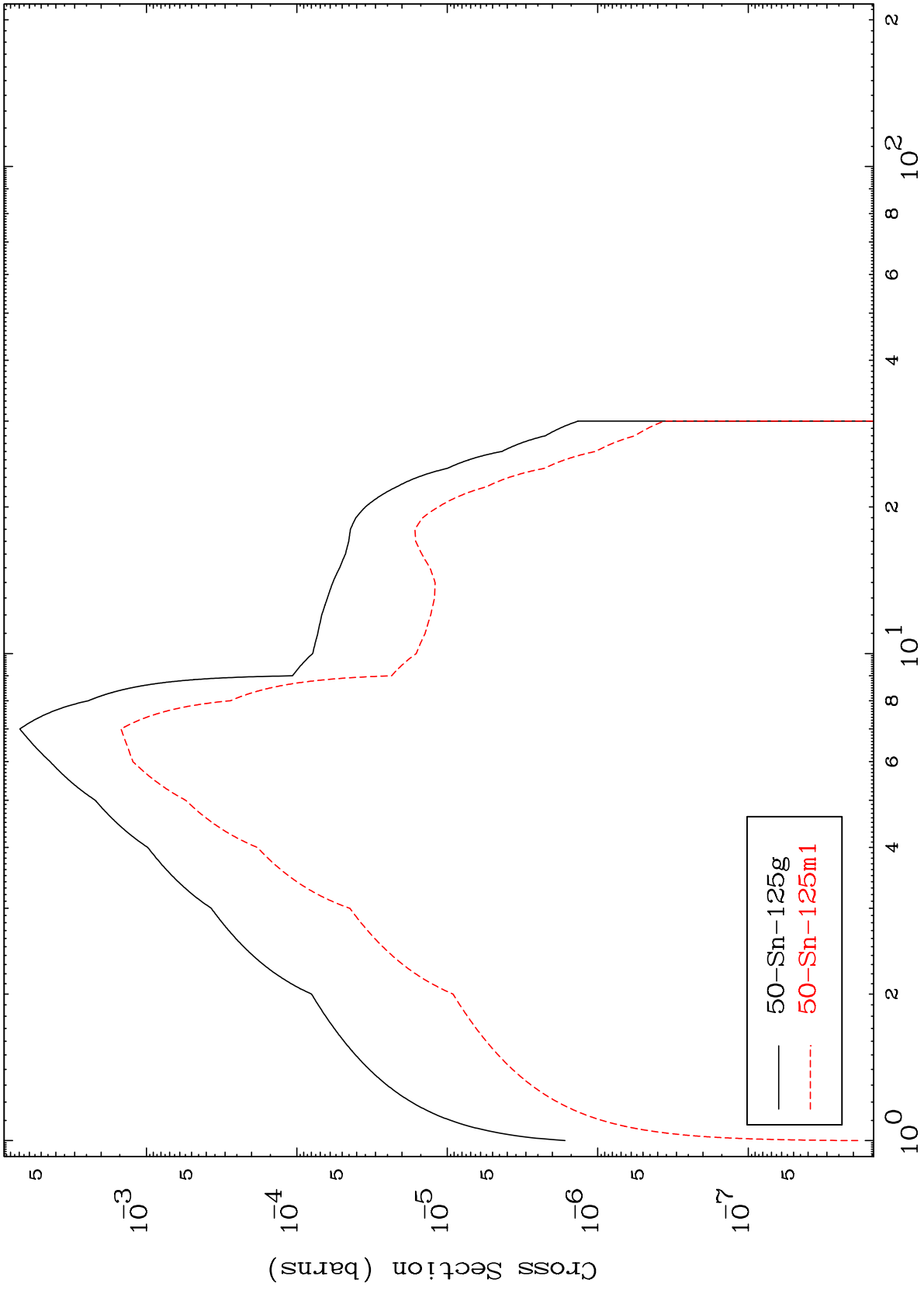
13

50-Sn-125

MAT 5064

50-Sn-125

Radionuclide Production Cross Section
(γ, γ)



50-Sn-125

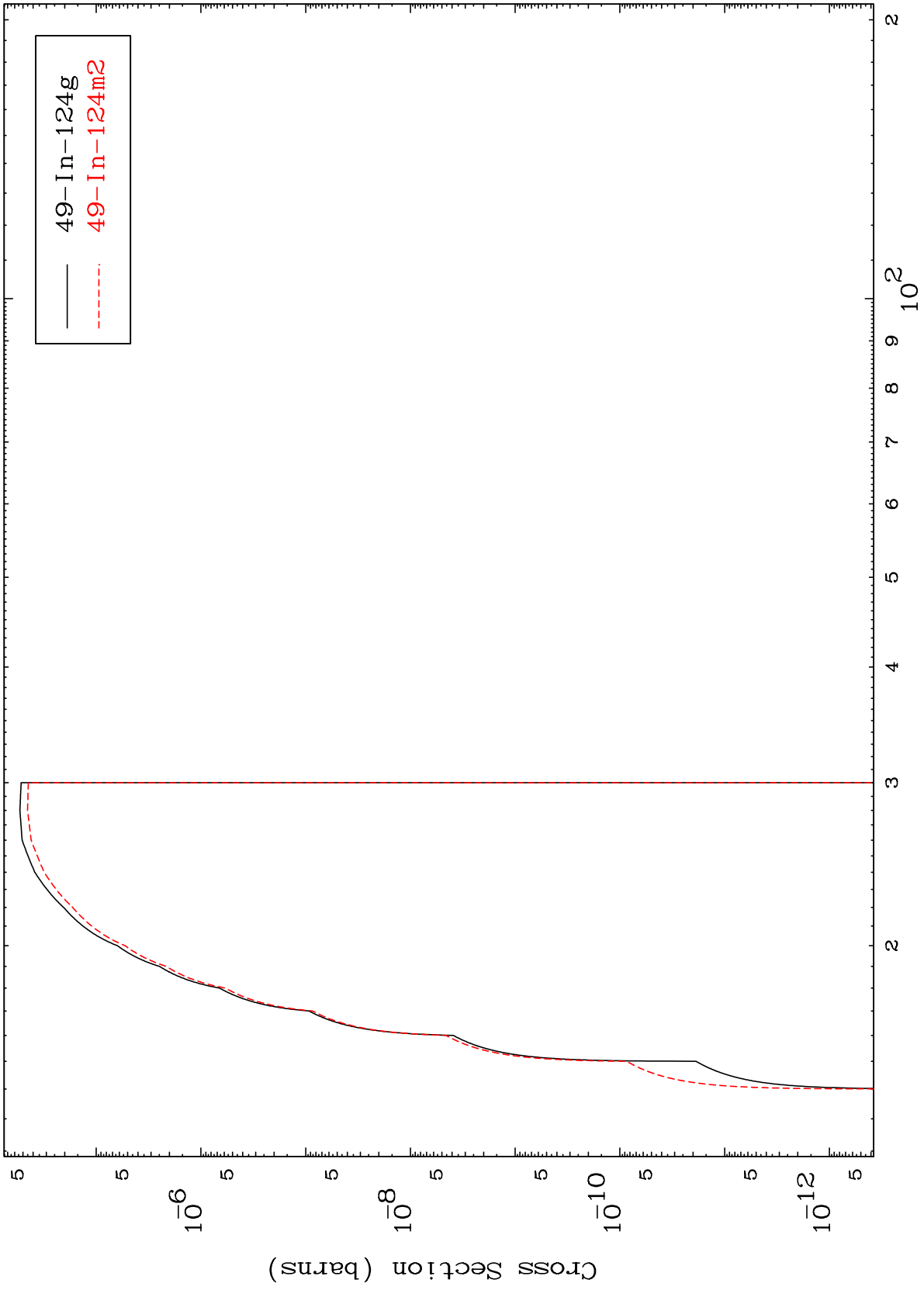
Incident Energy (MeV)

14

MAT 5064

50-Sn-125

(γ, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

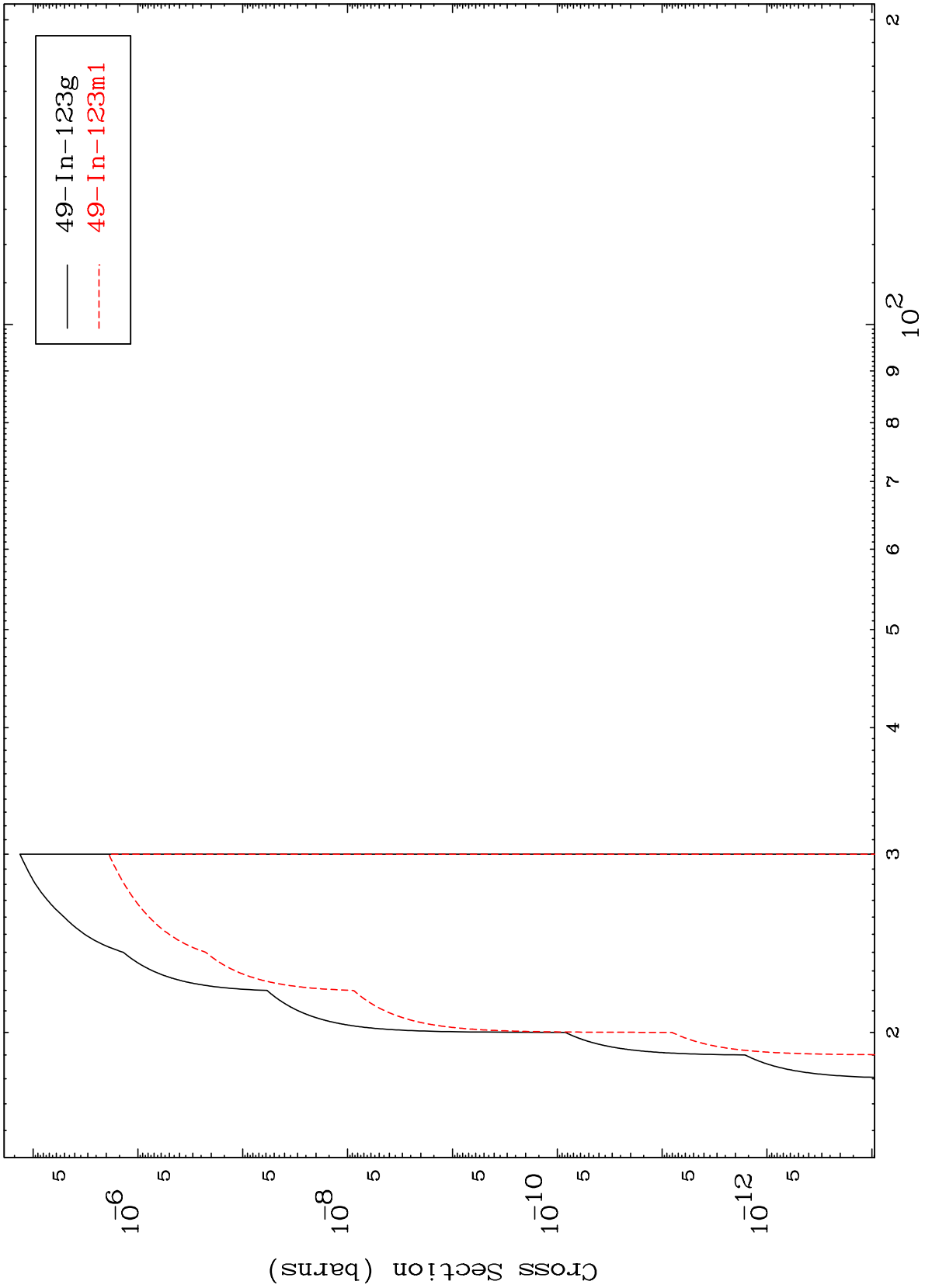
50-Sn-125

MAT 5064

(γ, d)

50-Sn-125

Radionuclide Production Cross Section



16

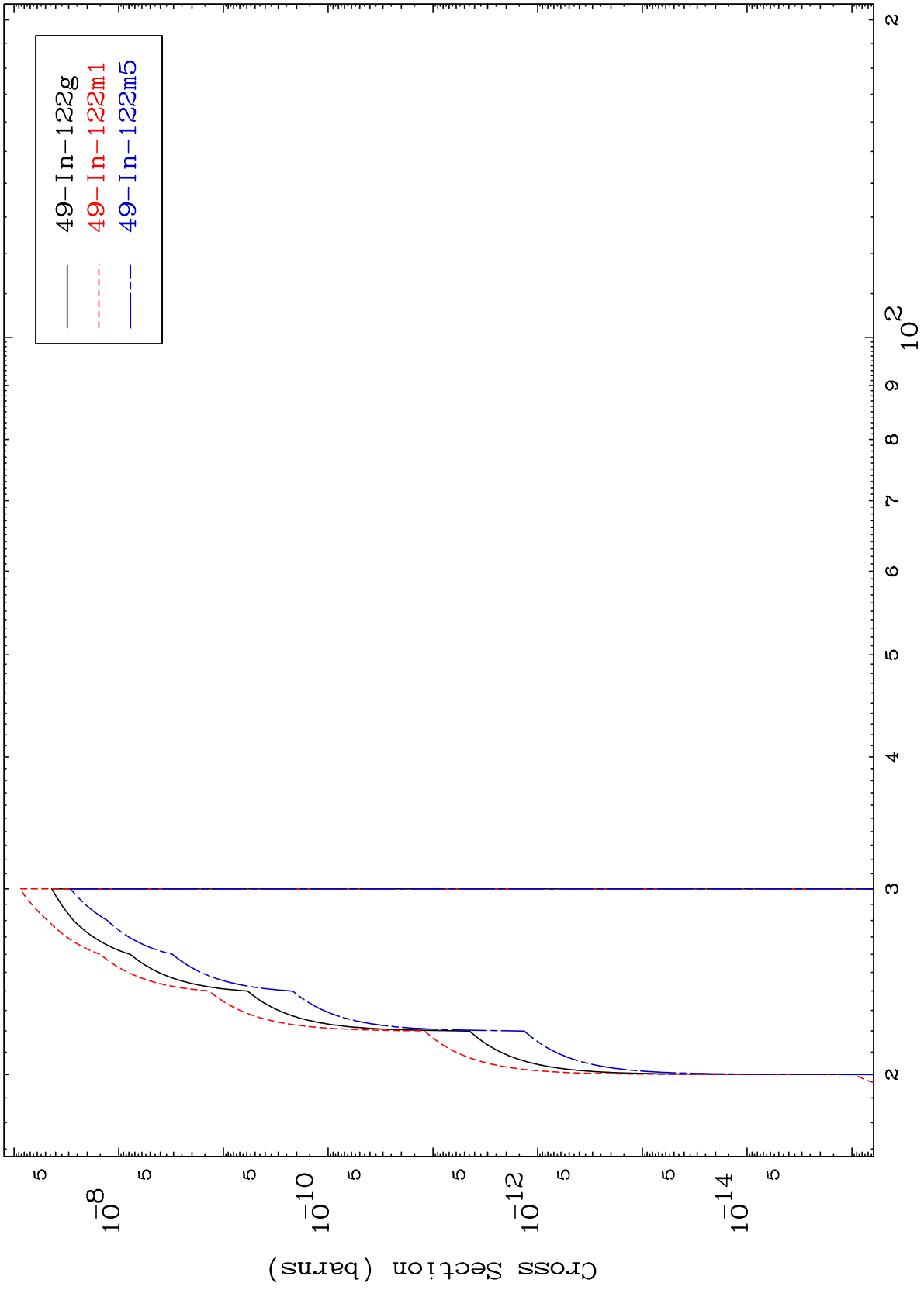
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

(γ, t)
Radionuclide Production Cross Section



17

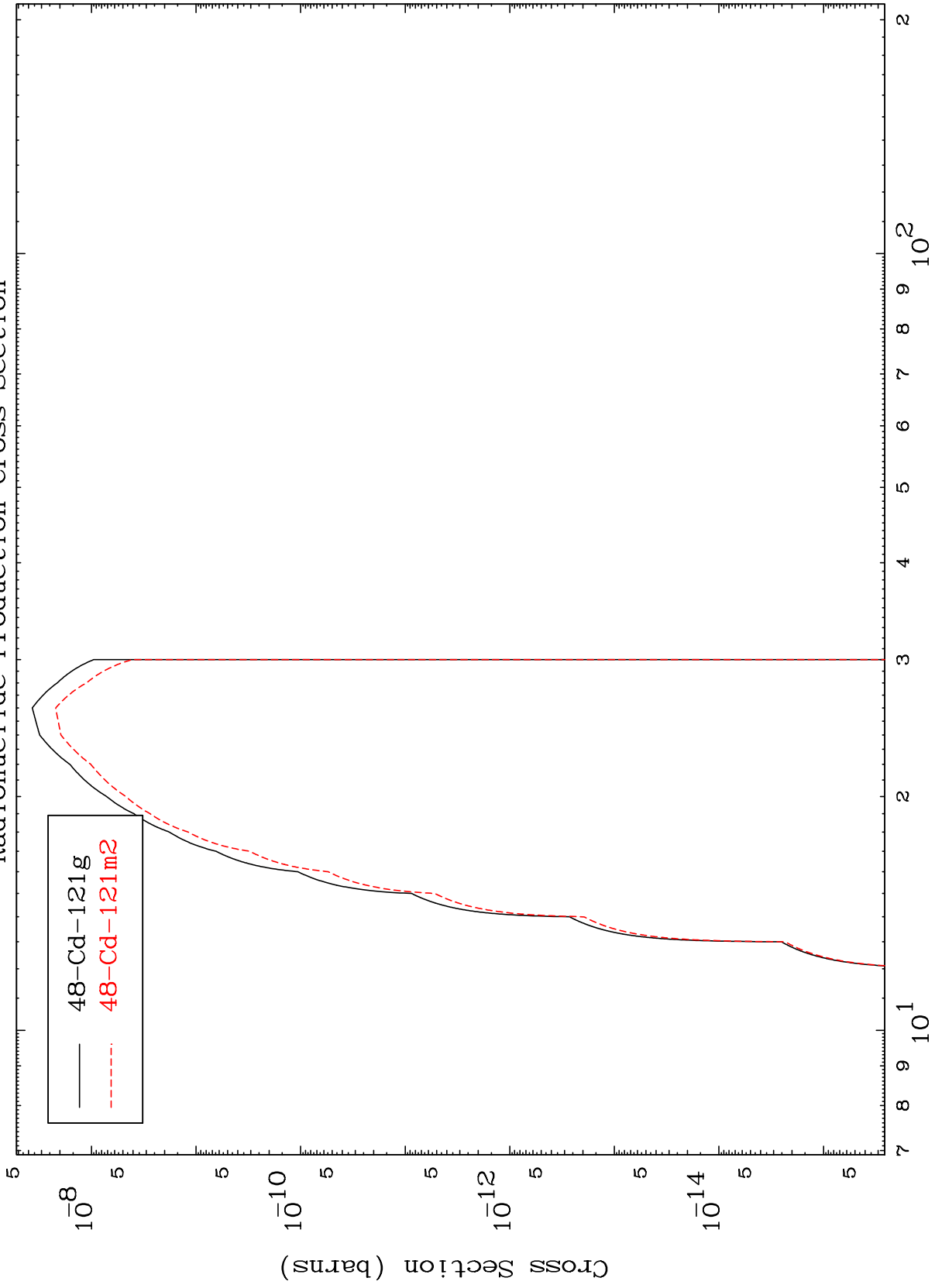
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

Radionuclide Production Cross Section
(γ, α)



18

50-Sn-125