

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

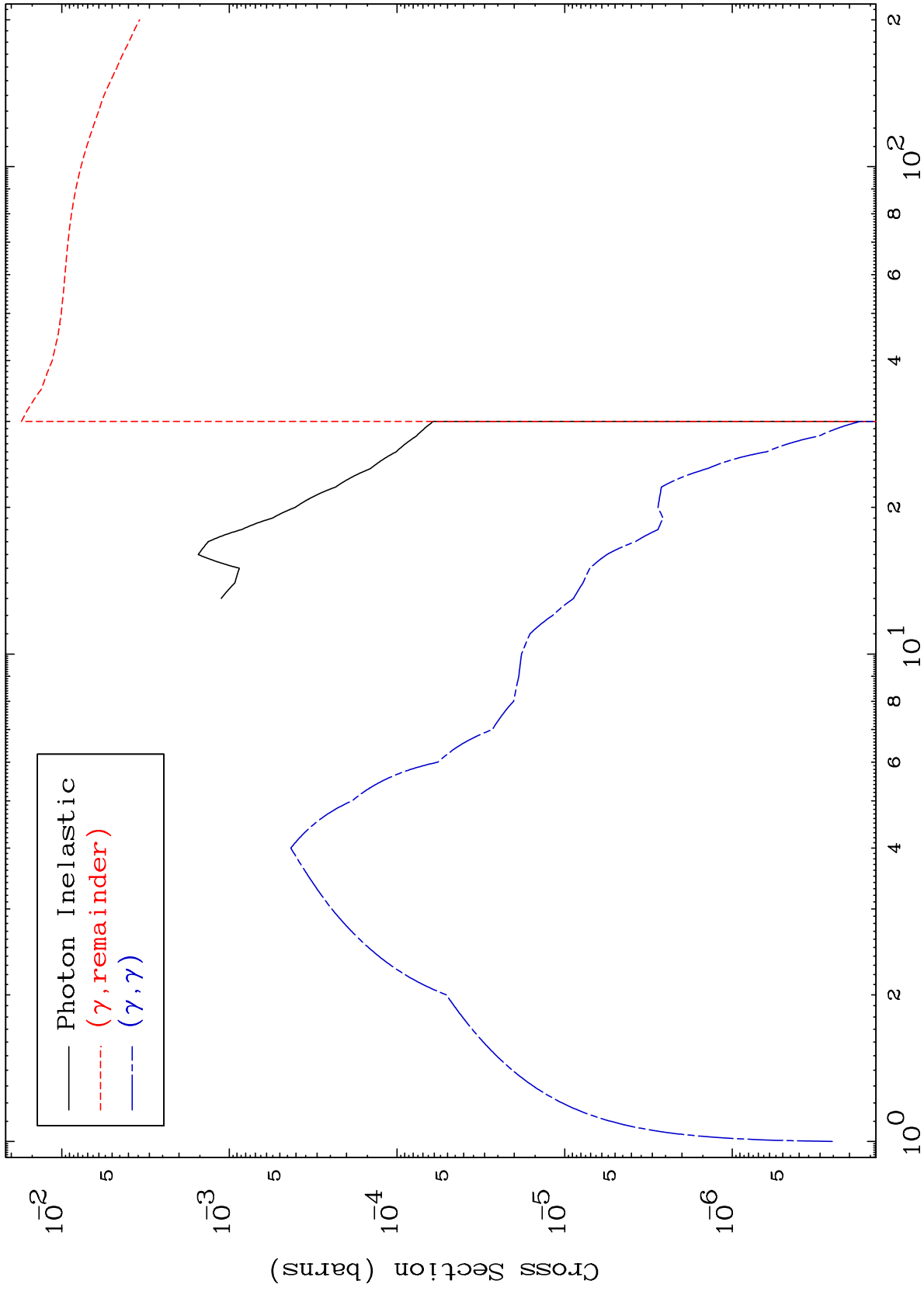
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5083

Photon Major
0 Kelvin Cross Sections

51-Sb-107



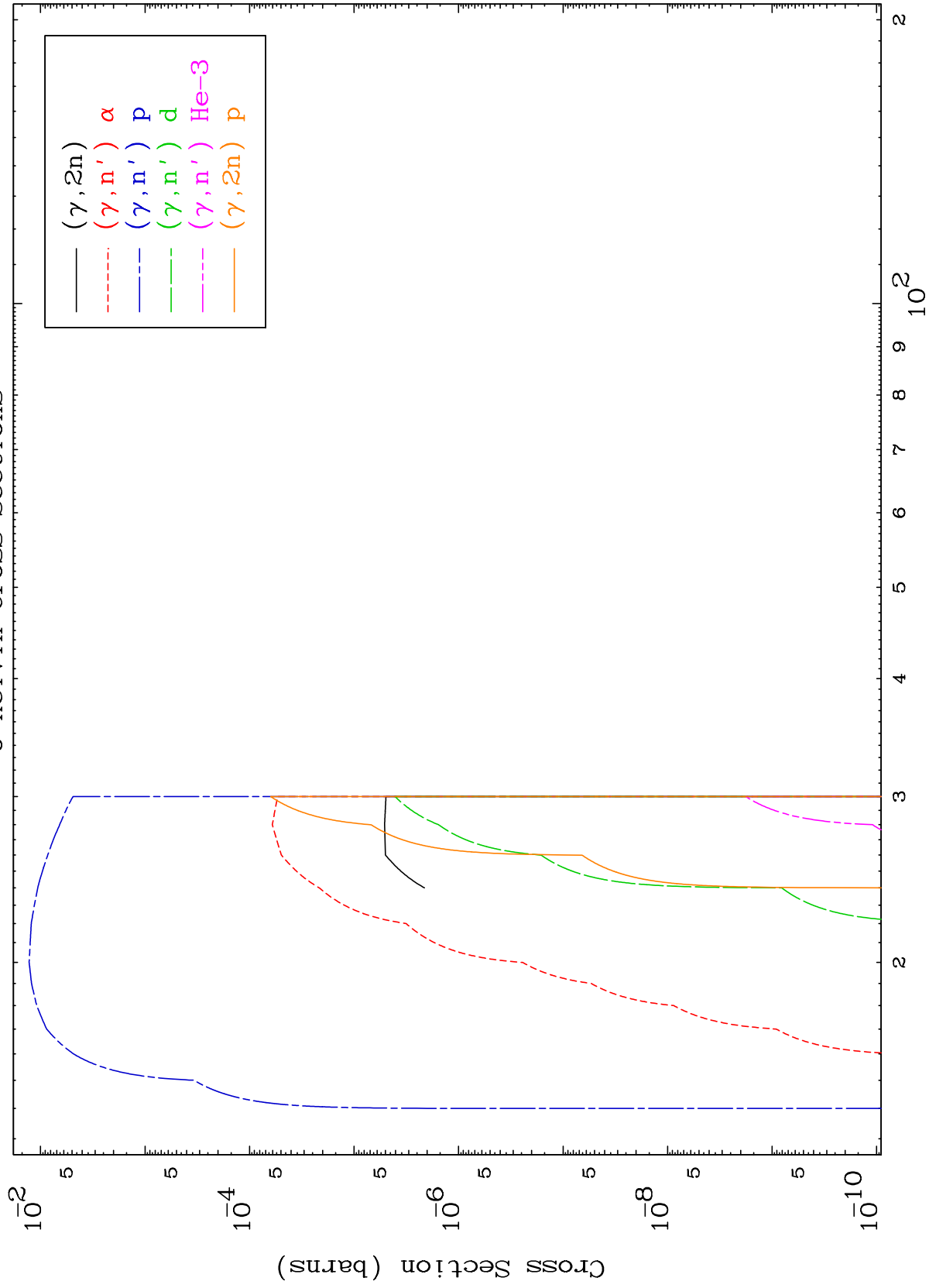
Incident Energy (MeV)

51-Sb-107

MAT 5083

Photon Neutron Production
0 Kelvin Cross Sections

51-Sb-107



2

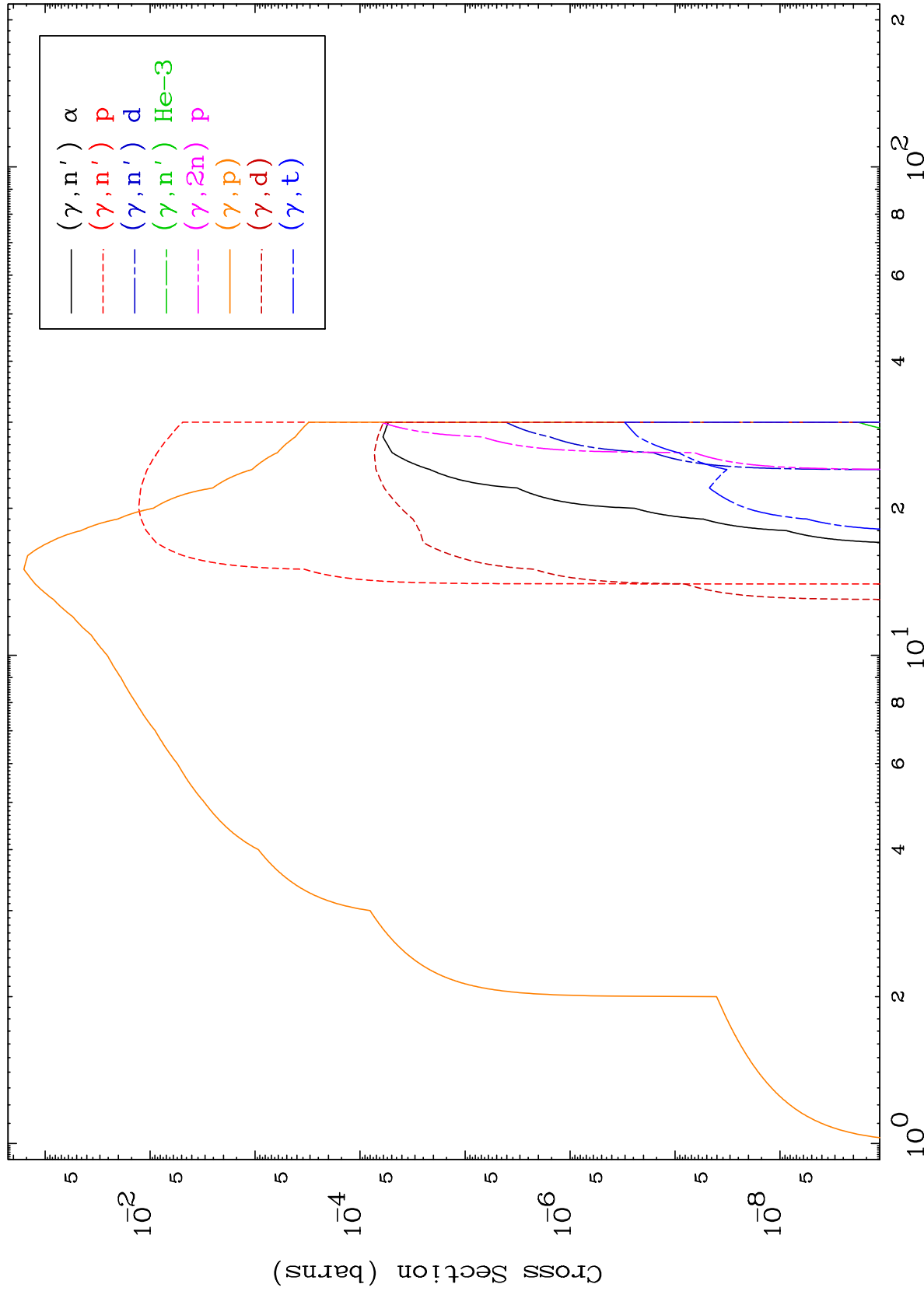
Incident Energy (MeV)

51-Sb-107

MAT 5083

Photon Charged Particle
0 Kelvin Cross Sections

51-Sb-107



51-Sb-107

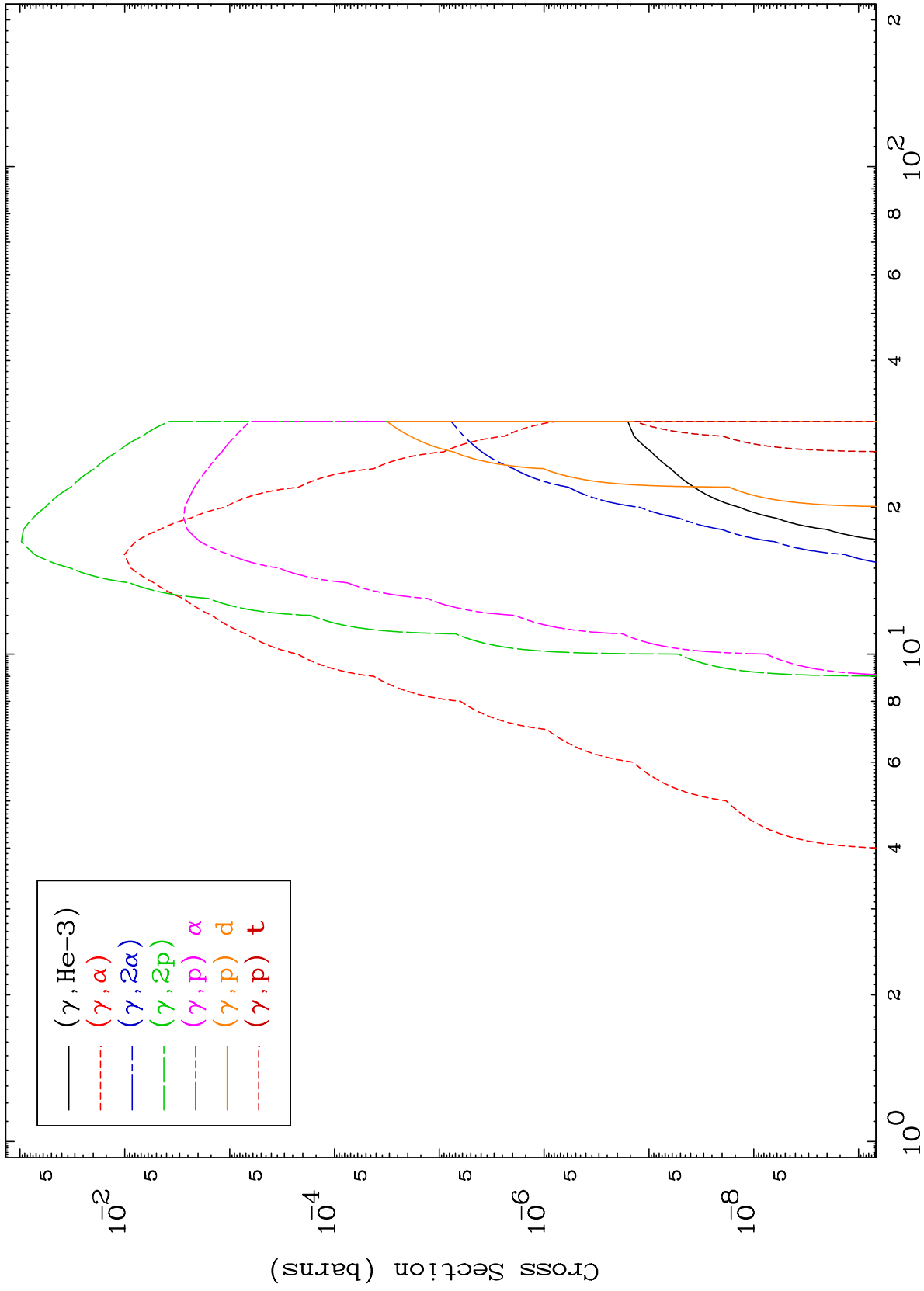
Incident Energy (MeV)

3

MAT 5083

Photon Charged Particle
0 Kelvin Cross Sections

51-Sb-107



51-Sb-107

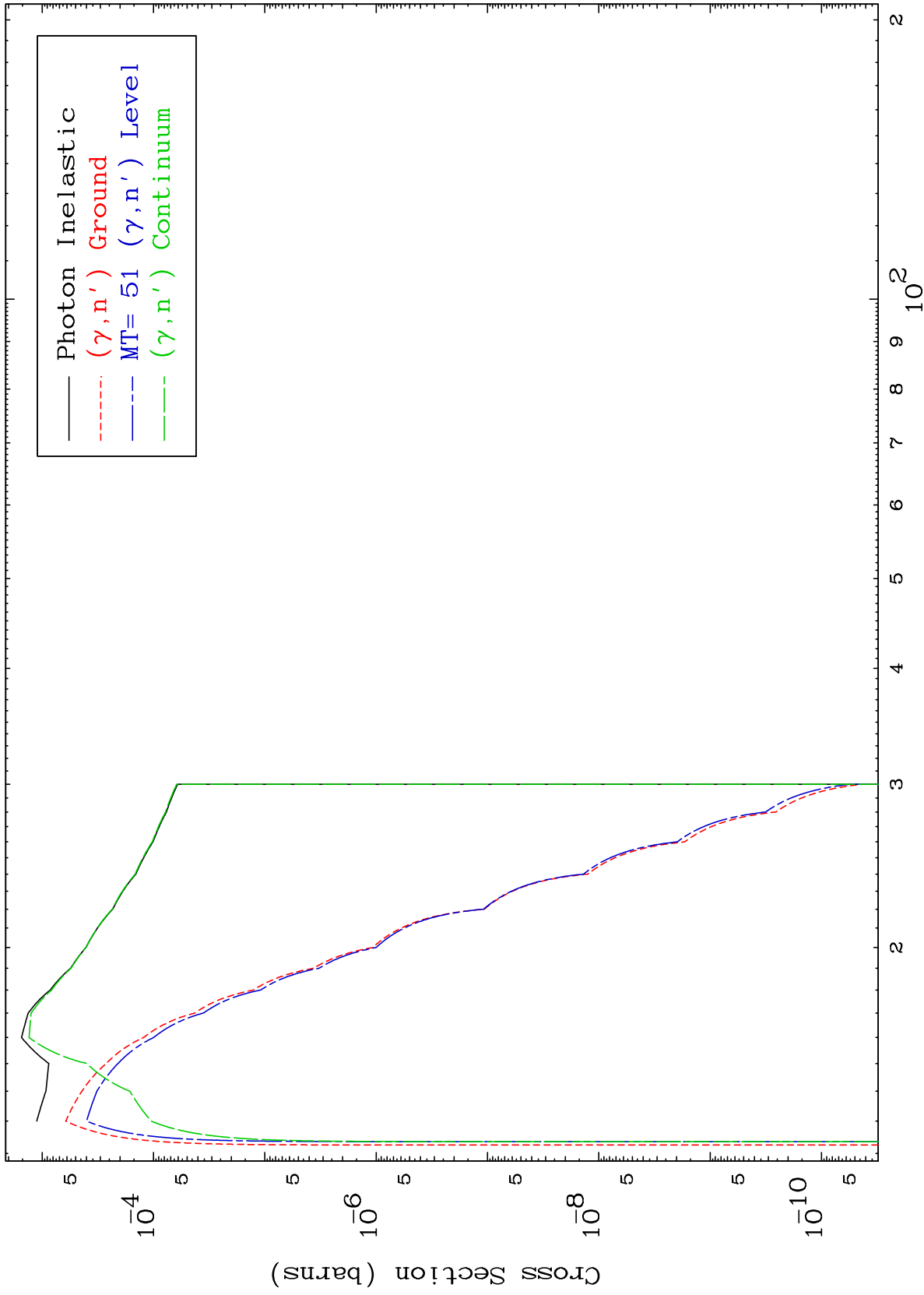
Incident Energy (MeV)

4

MAT 5083

(γ, n') Level
0 Kelvin Cross Sections

51-Sb-107



5

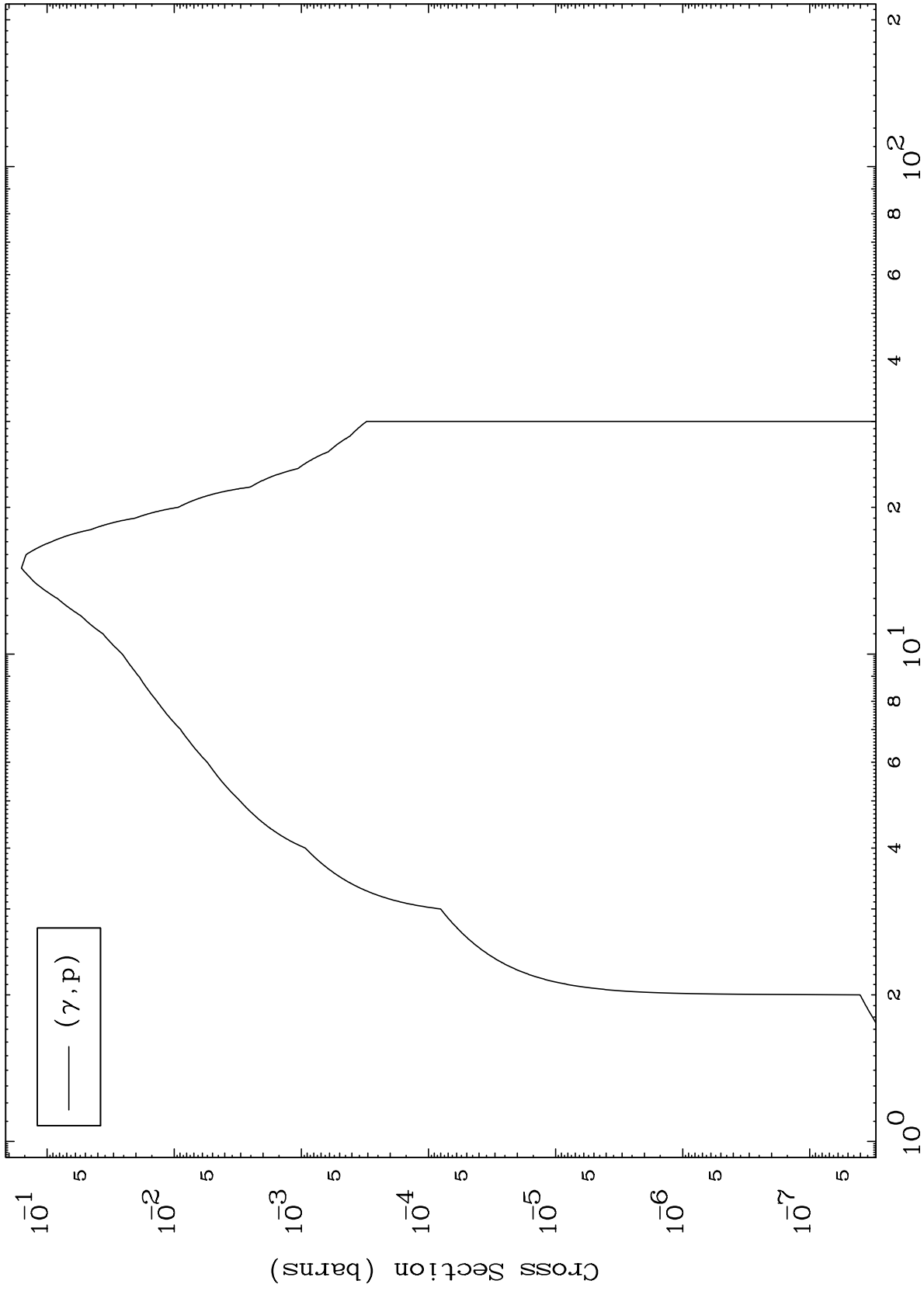
Incident Energy (MeV)

51-Sb-107

MAT 5083

(γ, p) Levels
0 Kelvin Cross Sections

51-Sb-107



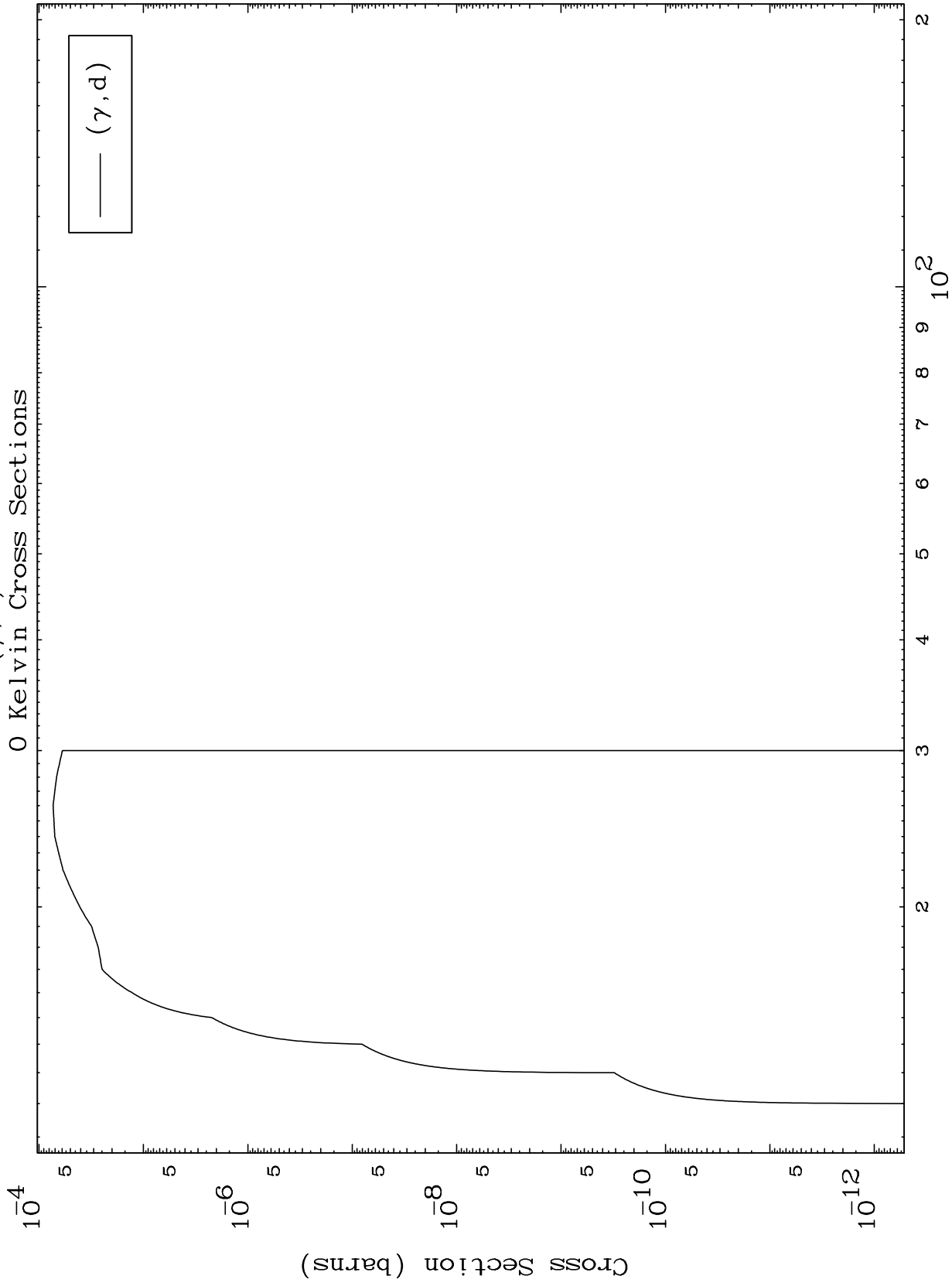
Incident Energy (MeV)

51-Sb-107

MAT 5083

(γ, d) Levels
0 Kelvin Cross Sections

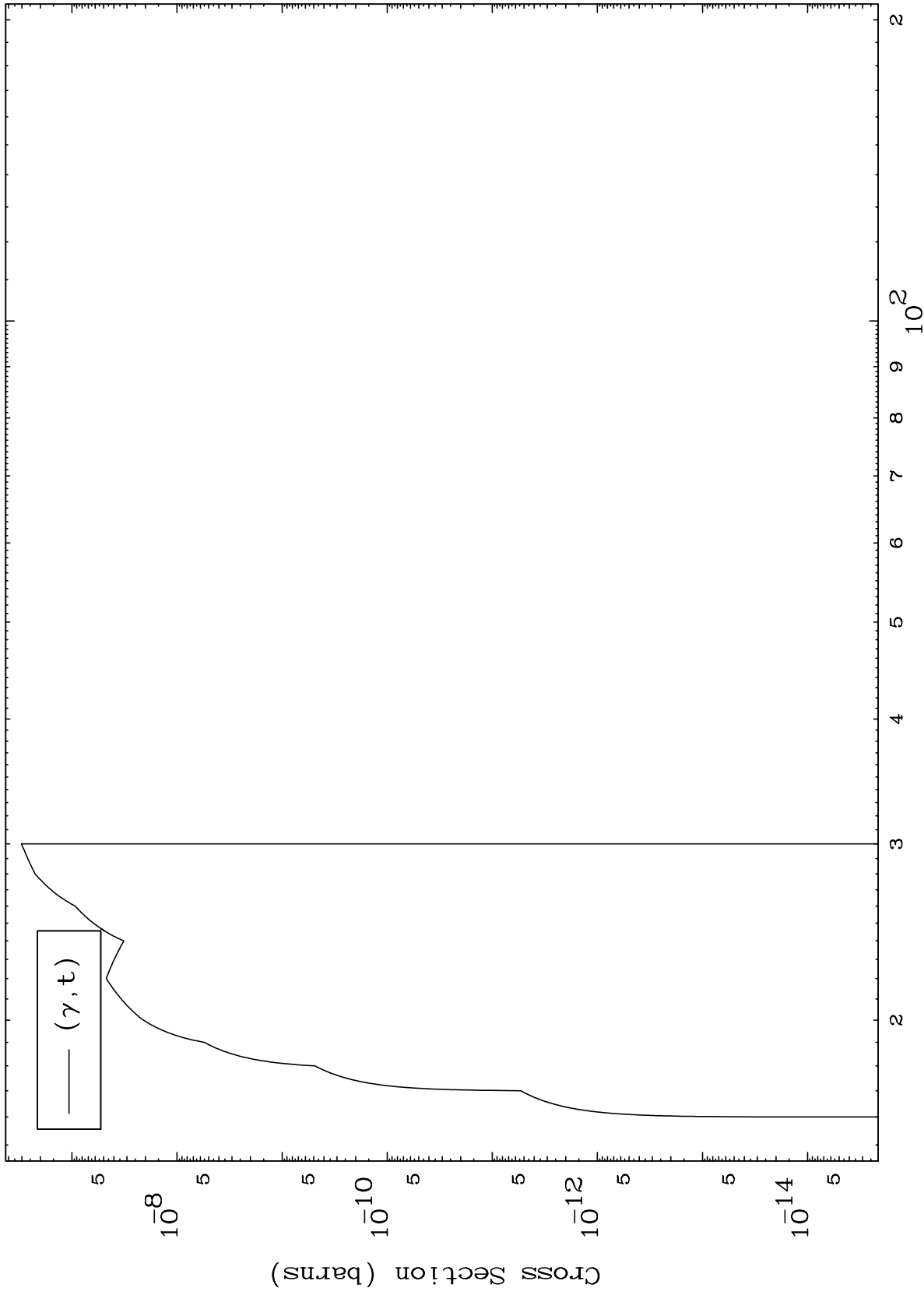
51-Sb-107

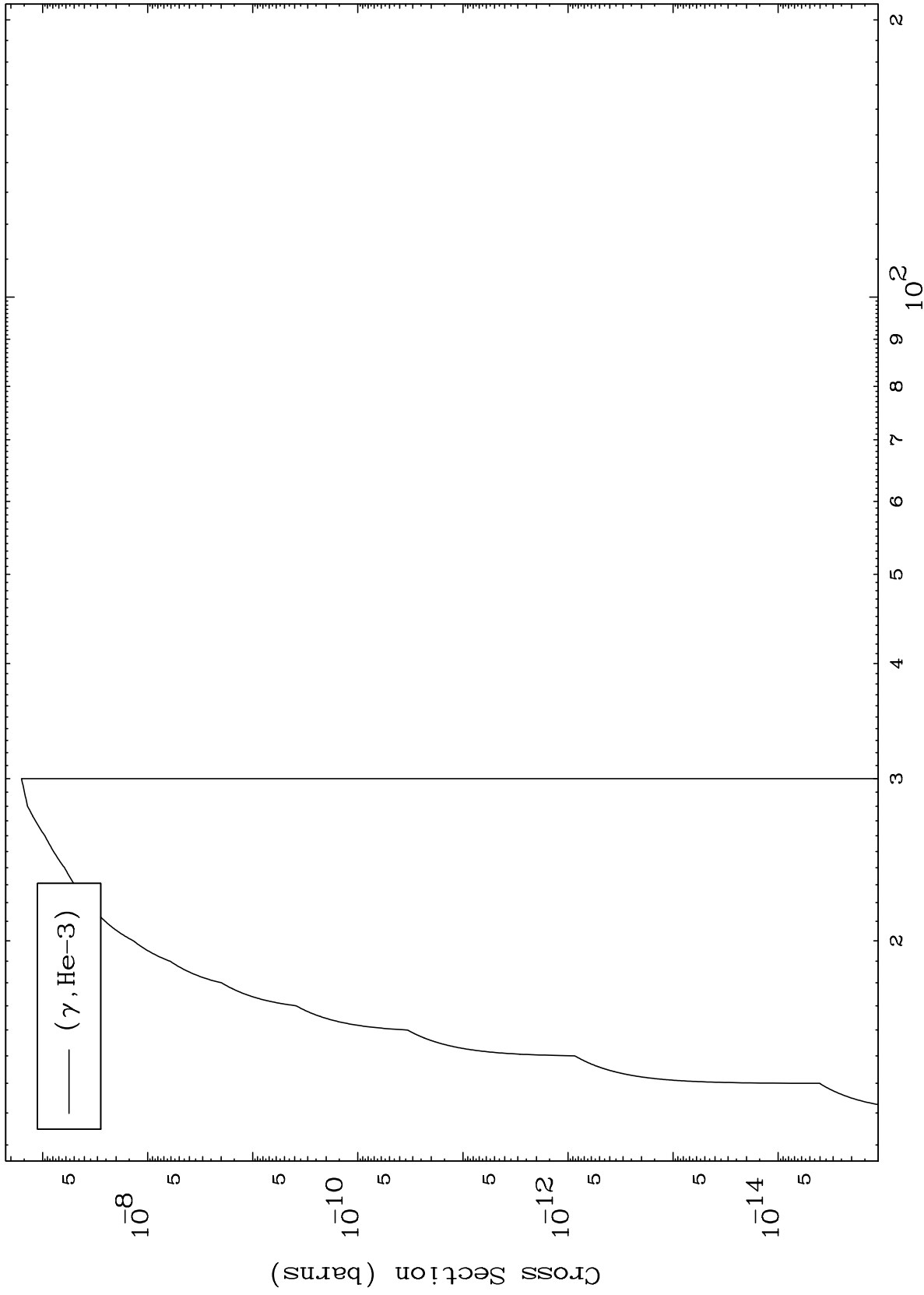


7

Incident Energy (MeV)

51-Sb-107

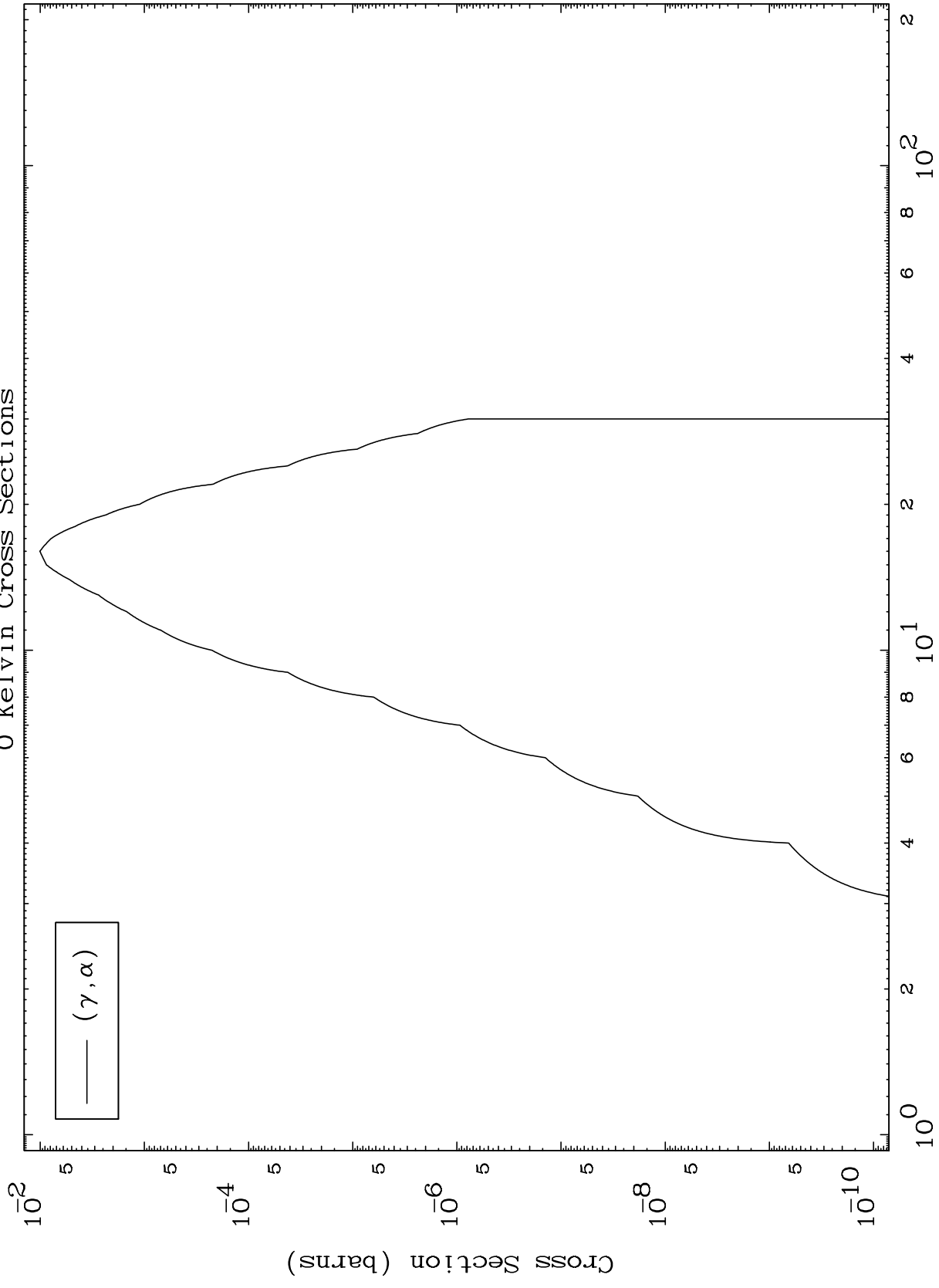




MAT 5083

(γ, α) Levels
0 Kelvin Cross Sections

51-Sb-107



Incident Energy (MeV)

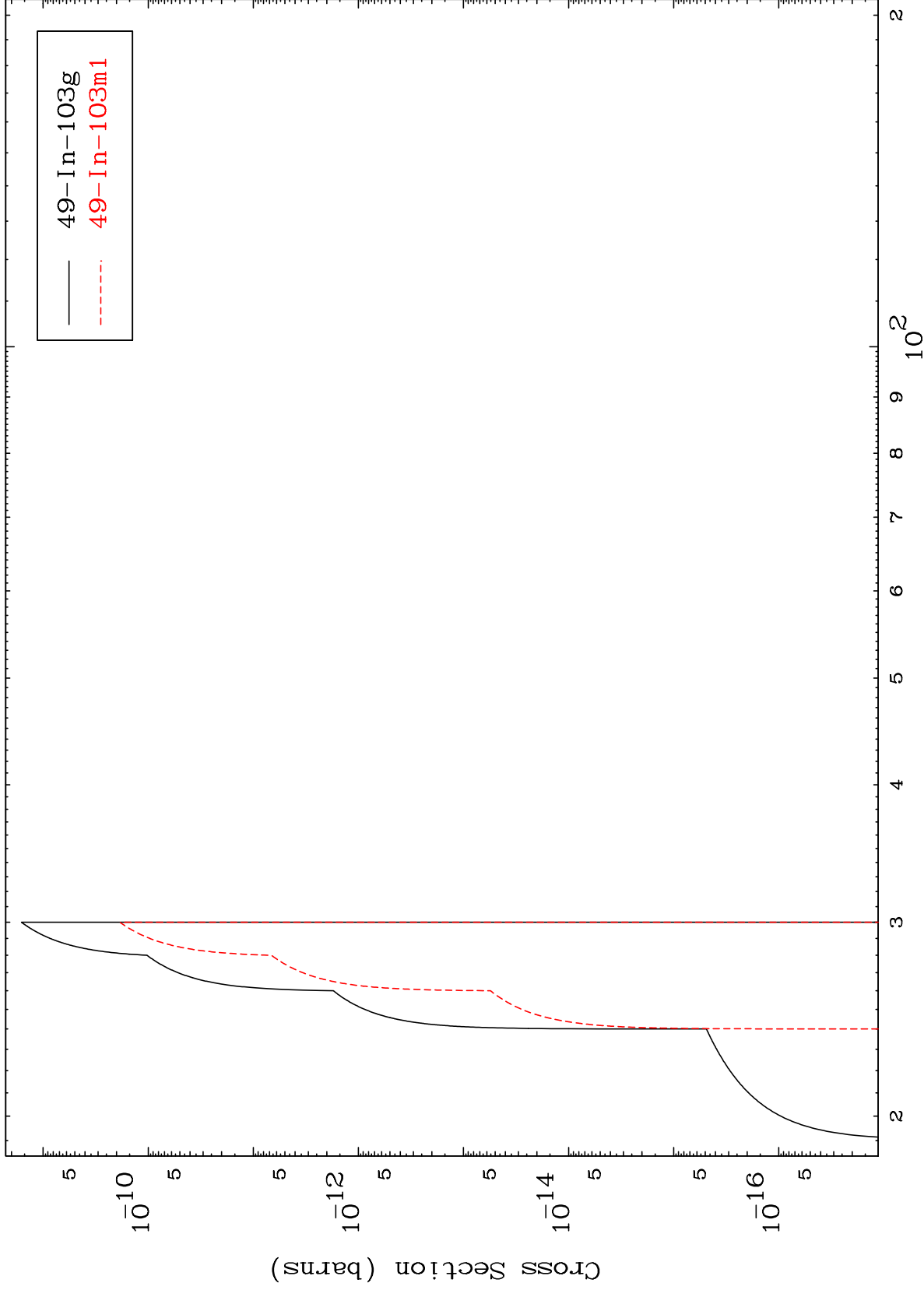
51-Sb-107

MAT 5083

(γ, n') He-3

51-Sb-107

Radionuclide Production Cross Section



11

Incident Energy (MeV)

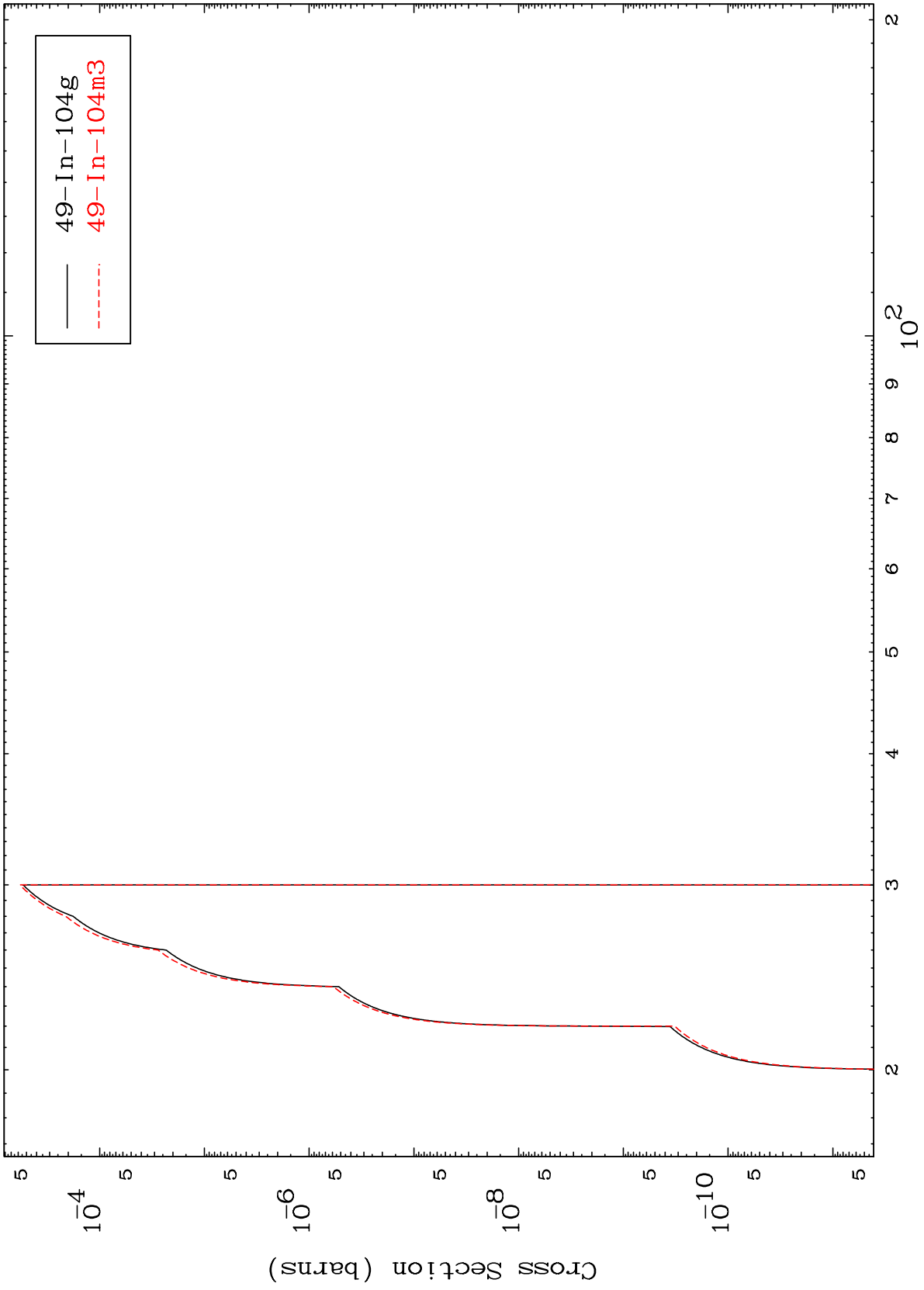
51-Sb-107

MAT 5083

($\gamma, 2n$) p

51-Sb-107

Radionuclide Production Cross Section



12

Incident Energy (MeV)

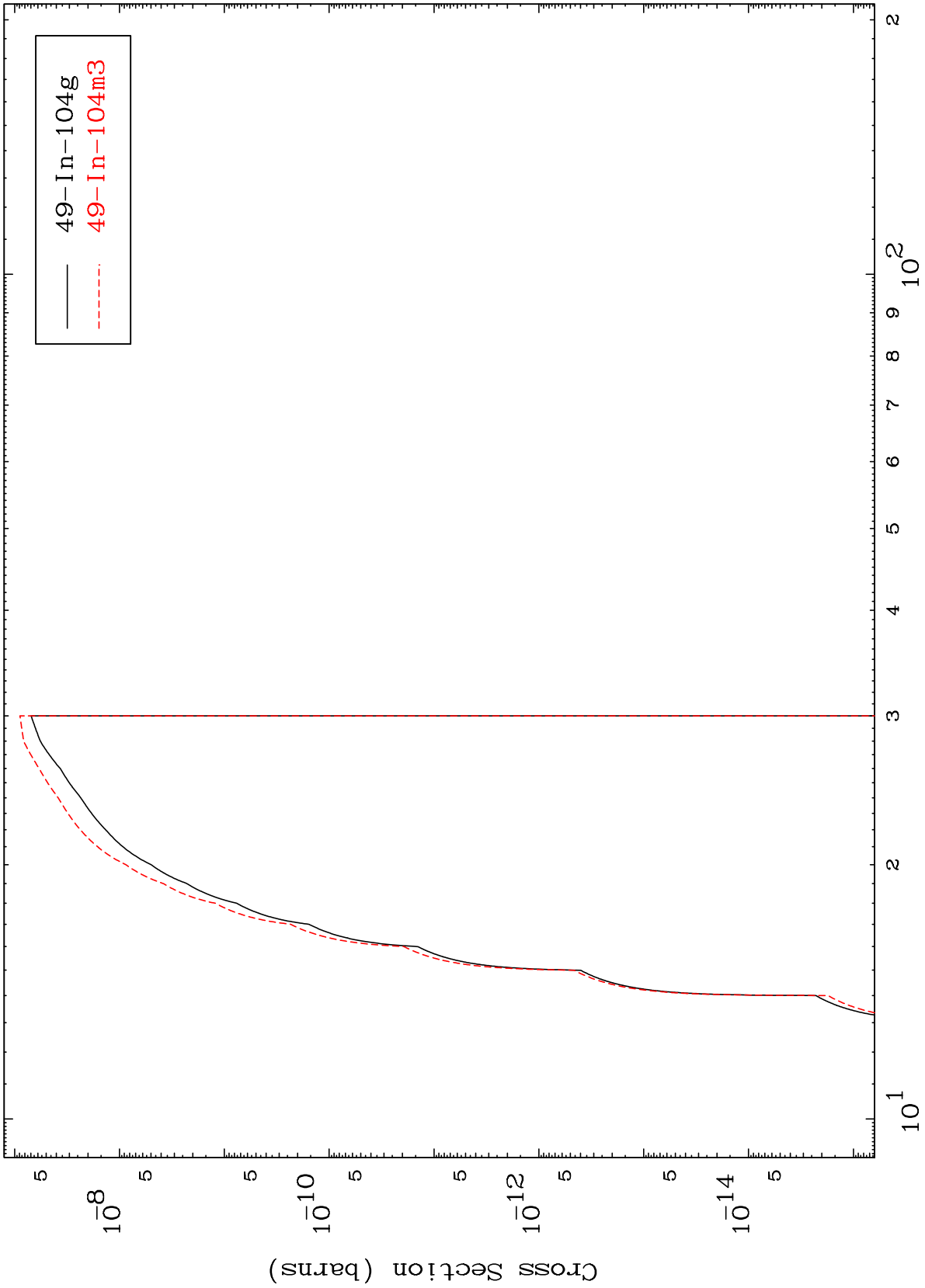
51-Sb-107

MAT 5083

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

51-Sb-107

Radionuclide Production Cross Section



13

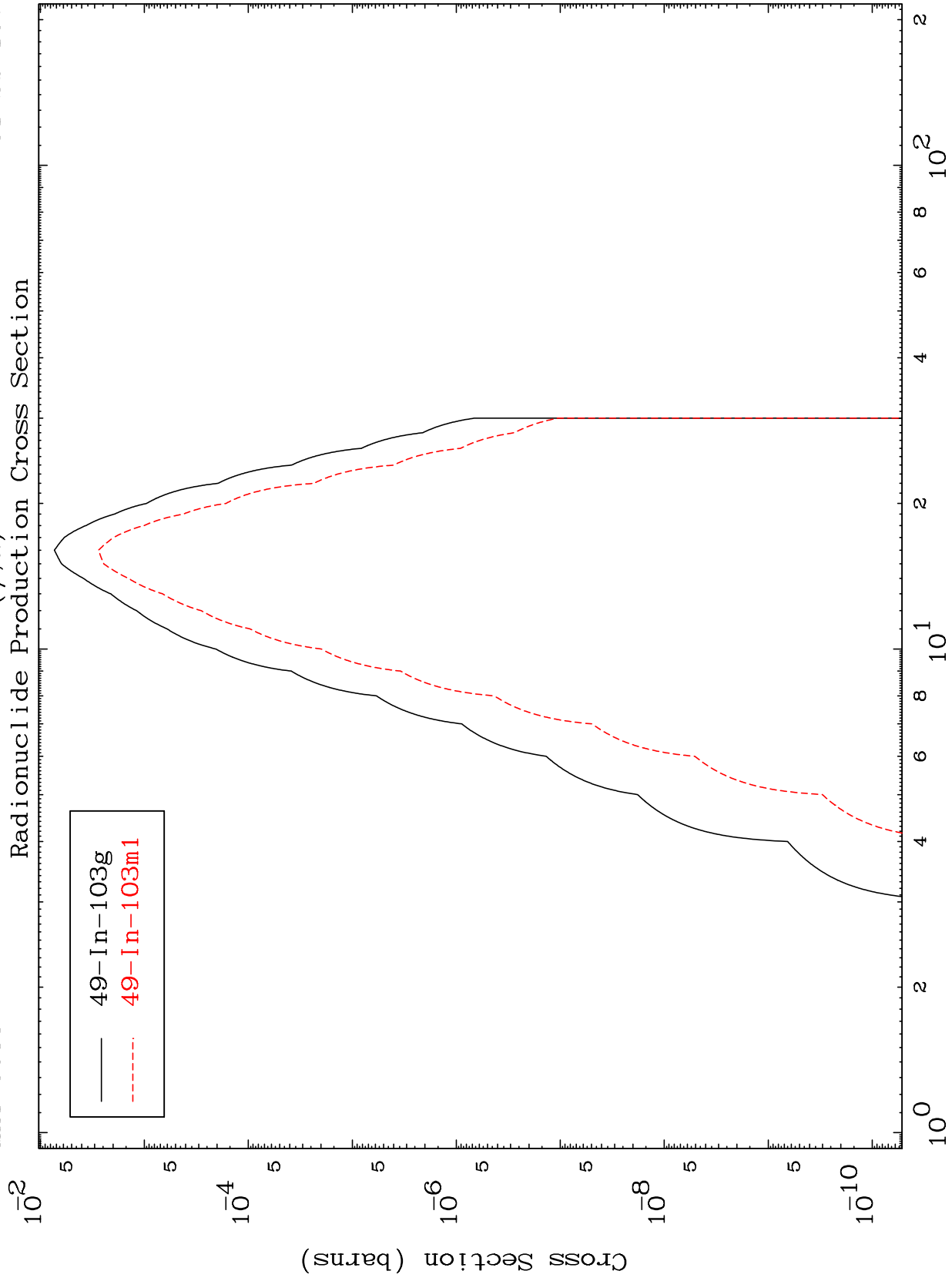
Incident Energy (MeV)

51-Sb-107

MAT 5083

Radionuclide Production Cross Section
(γ, α)

51-Sb-107



— 49-In-103g
- - - 49-In-103m1

14

Incident Energy (MeV)

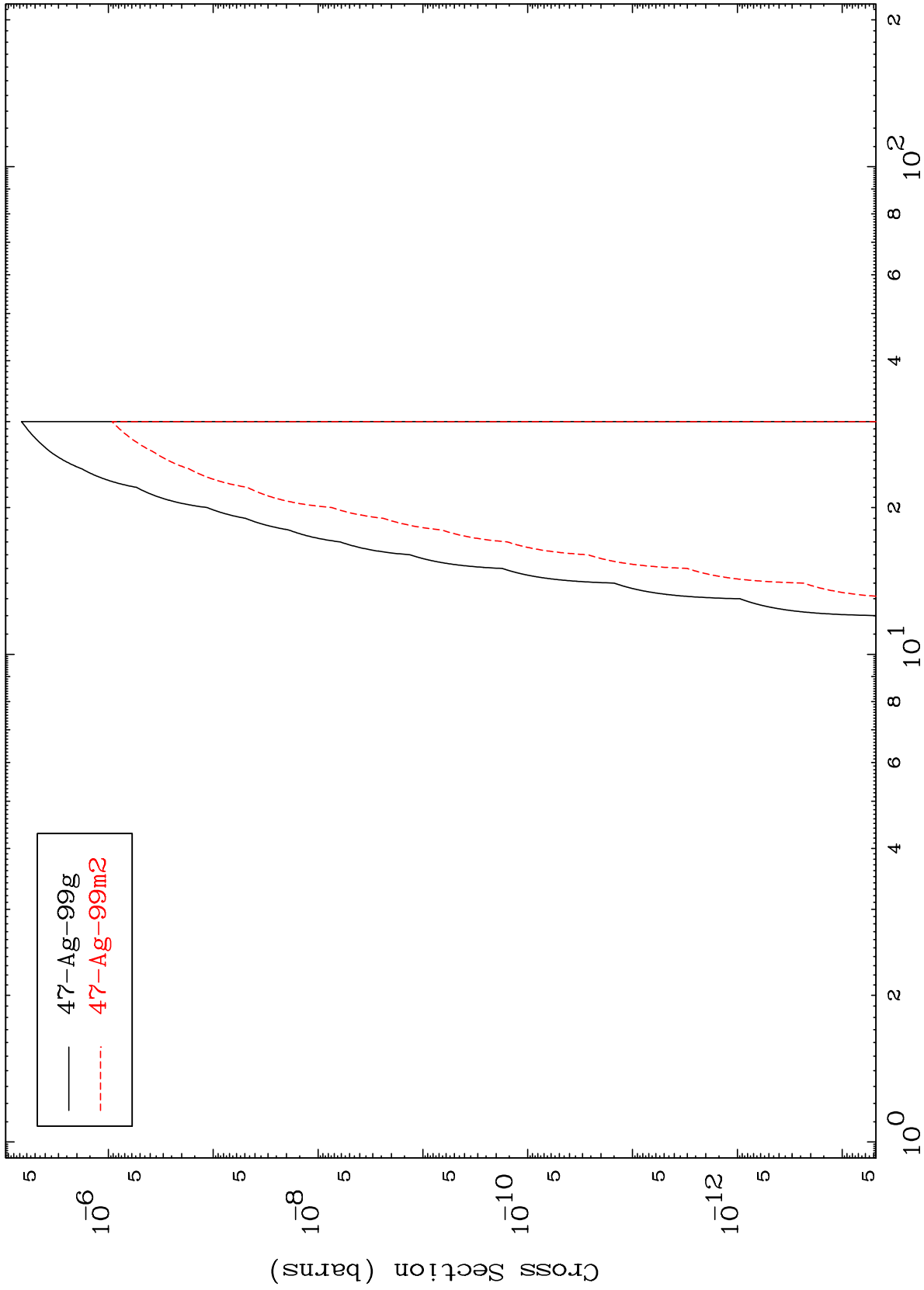
51-Sb-107

MAT 5083

($\gamma, 2\alpha$)

51-Sb-107

Radionuclide Production Cross Section



— 47-Ag-99g
- - - 47-Ag-99m2

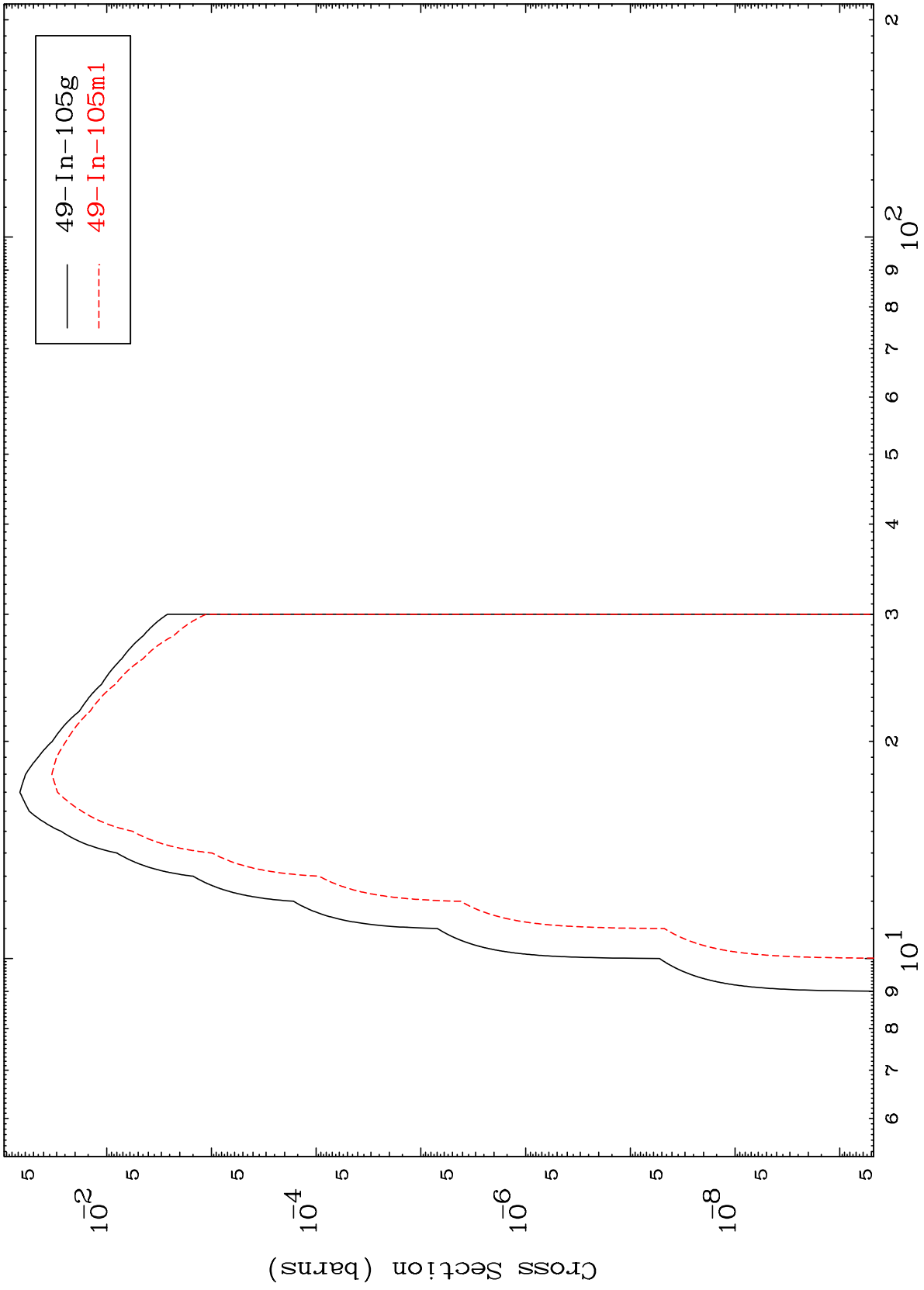
Incident Energy (MeV)

51-Sb-107

MAT 5083

51-Sb-107

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



16

Incident Energy (MeV)

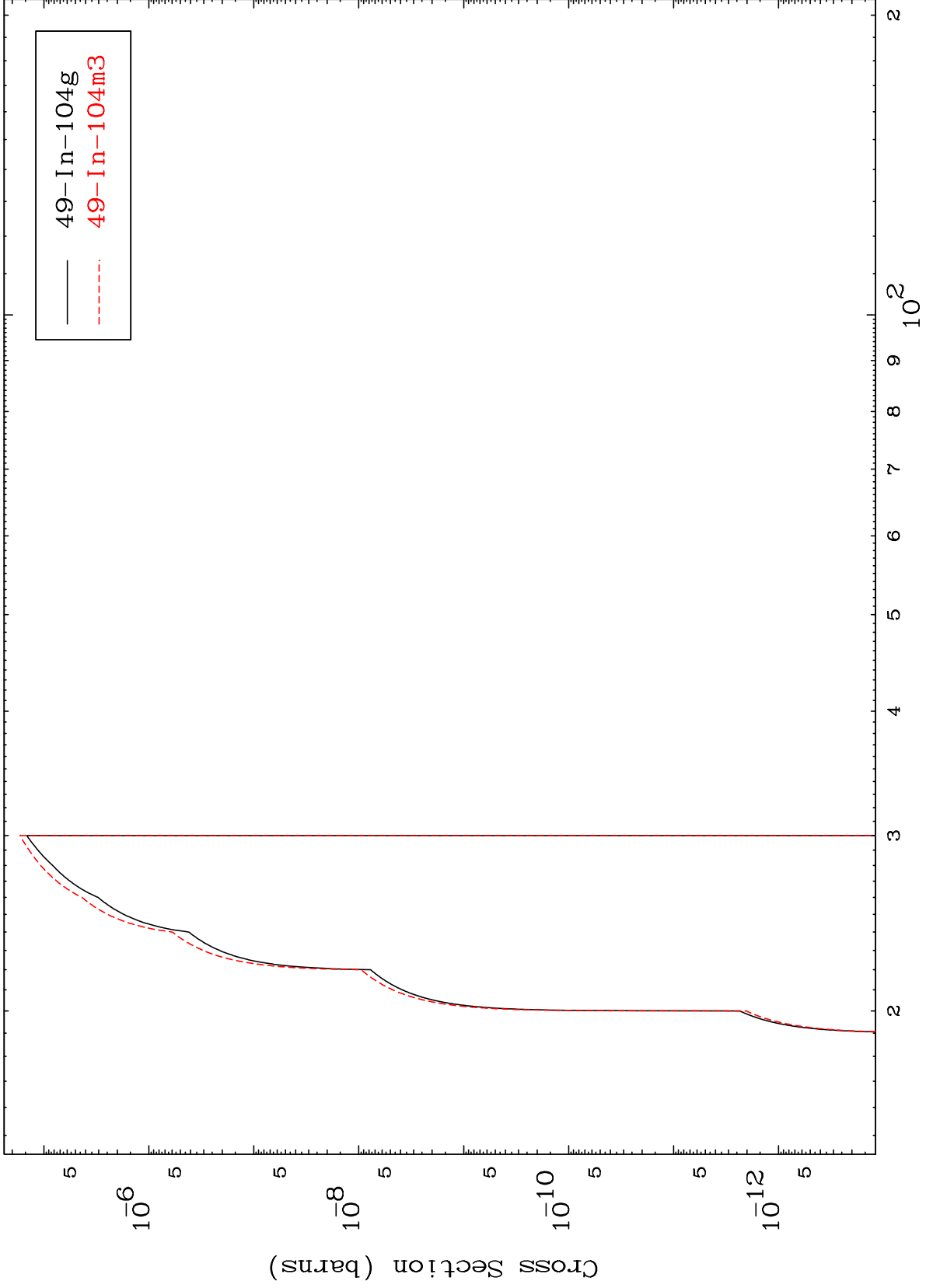
51-Sb-107

MAT 5083

(γ, p) d

51-Sb-107

Radionuclide Production Cross Section



17

Incident Energy (MeV)

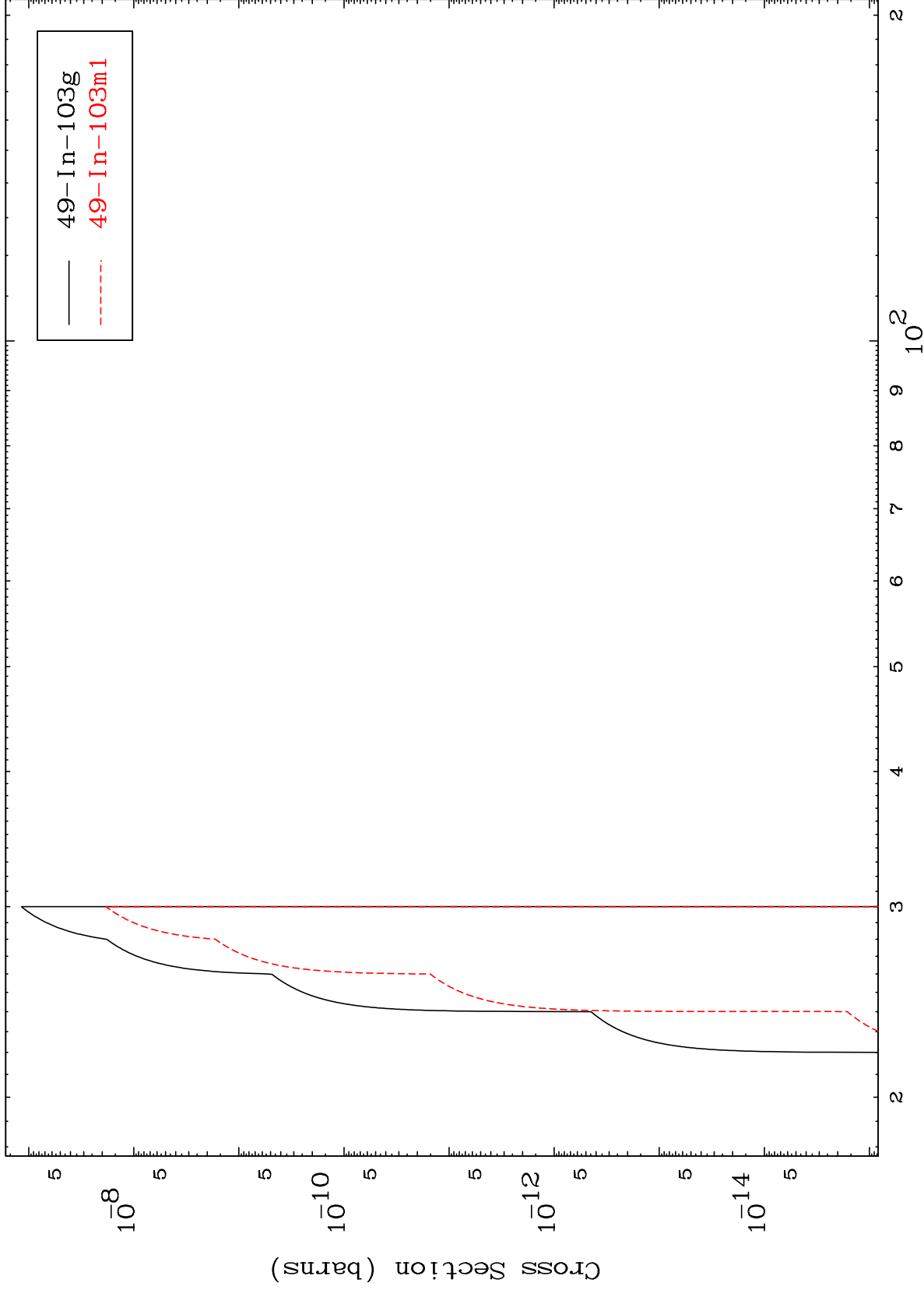
51-Sb-107

MAT 5083

(γ, p) t

51-Sb-107

Radionuclide Production Cross Section



18

Incident Energy (MeV)

51-Sb-107