

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

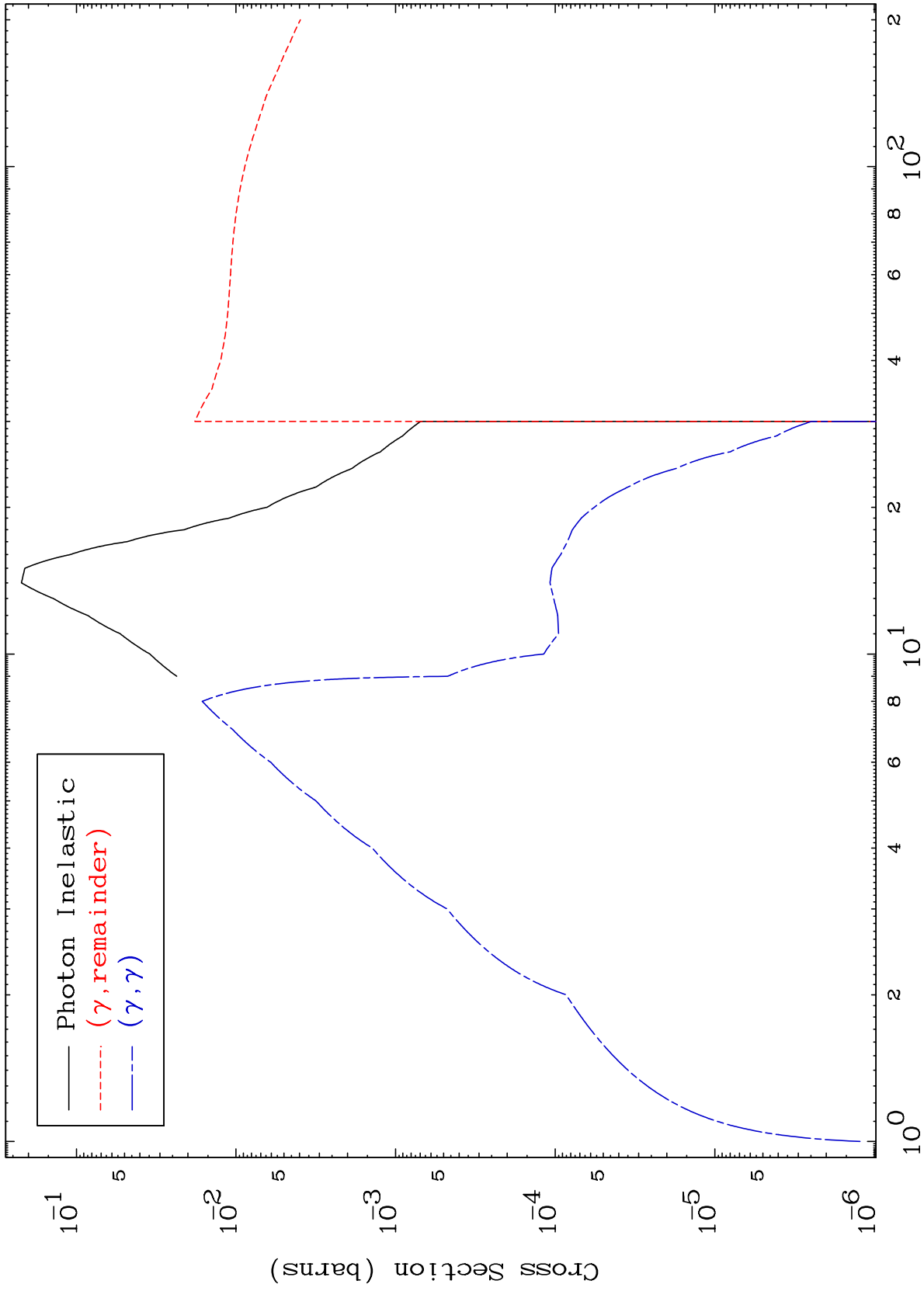
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5149

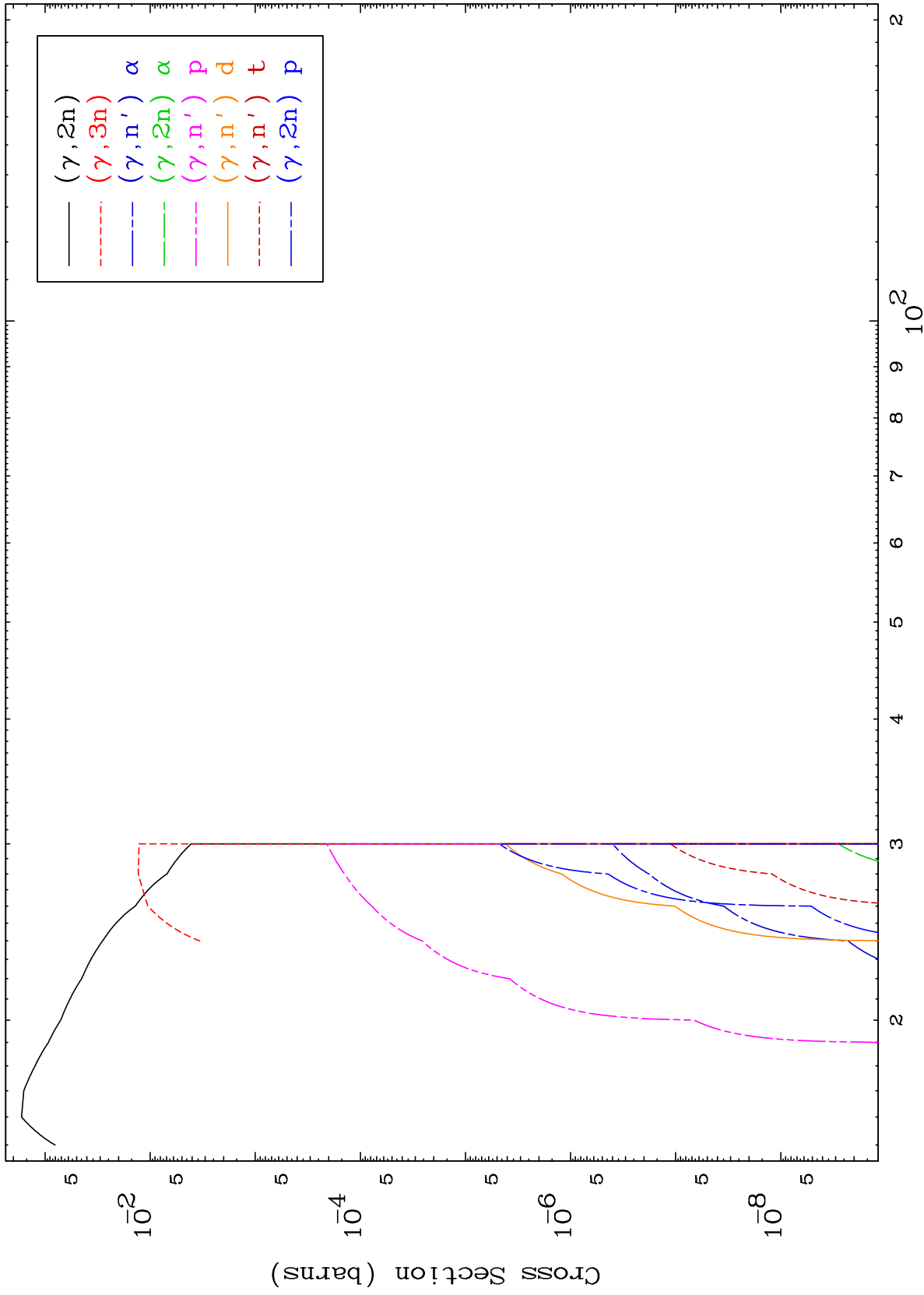
Photon Major
0 Kelvin Cross Sections

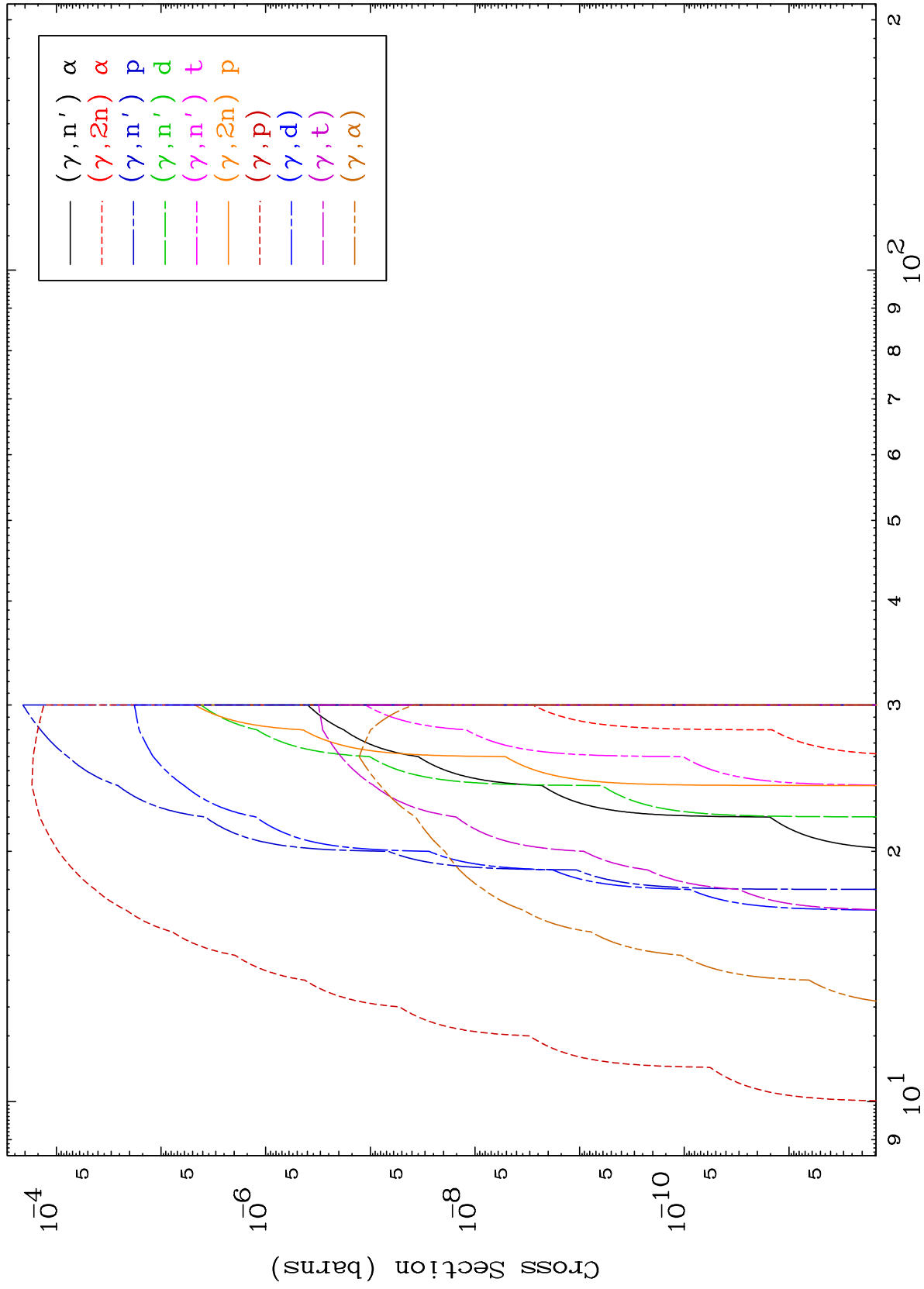
51-Sb-129



Incident Energy (MeV)

51-Sb-129

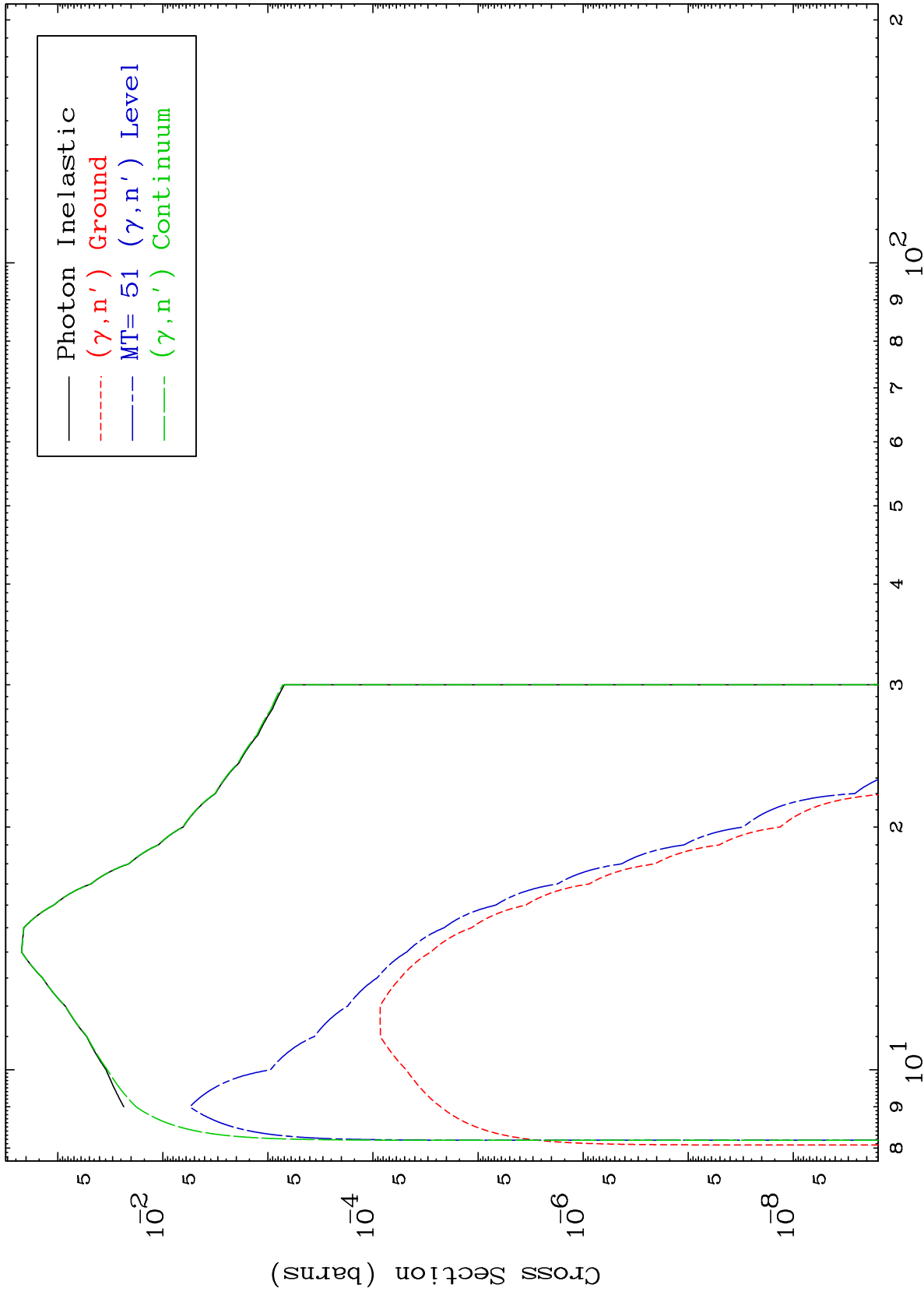




MAT 5149

(γ, n') Level
0 Kelvin Cross Sections

51-Sb-129



4

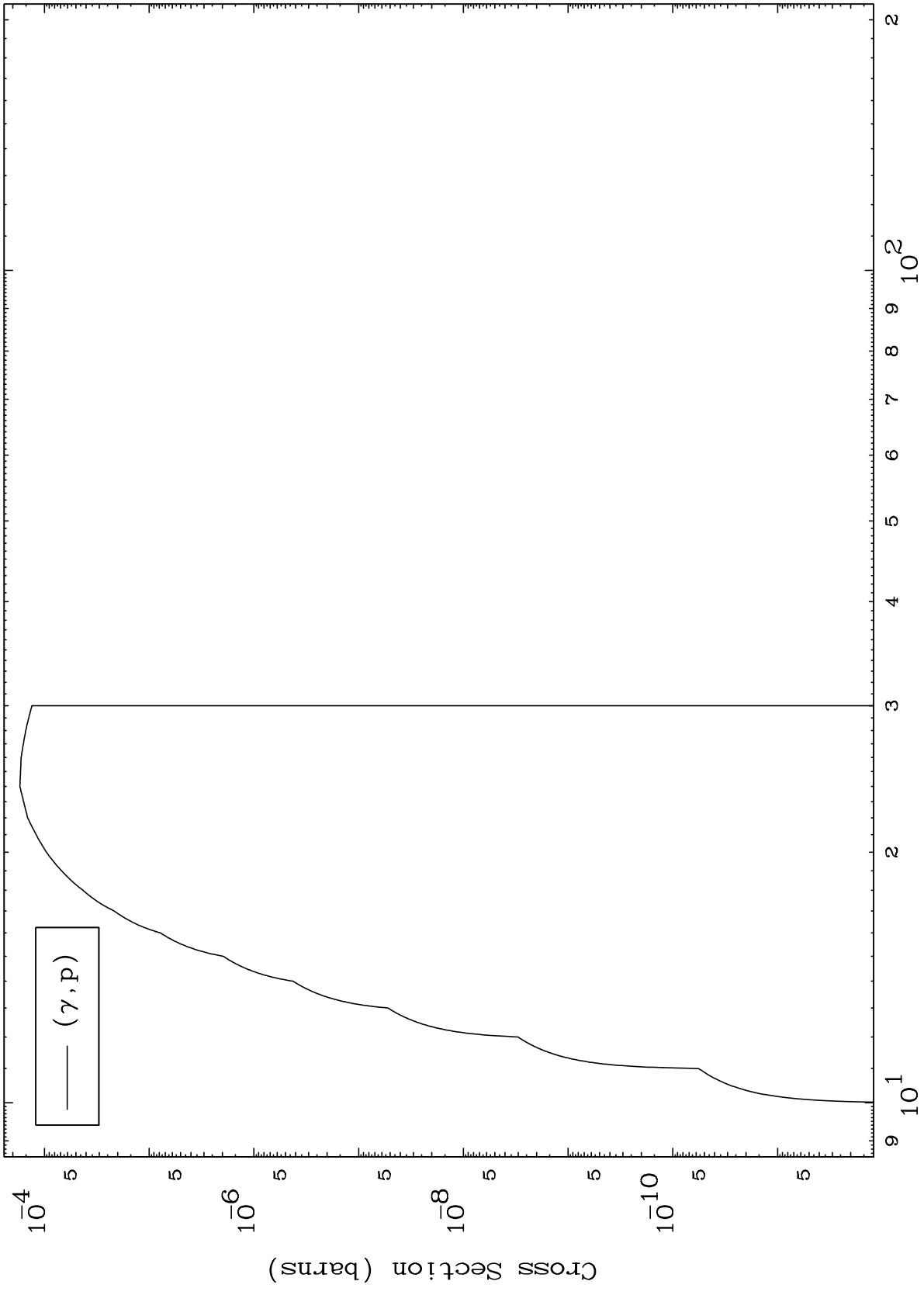
Incident Energy (MeV)

51-Sb-129

MAT 5149

(γ, p) Levels
0 Kelvin Cross Sections

51-Sb-129



5

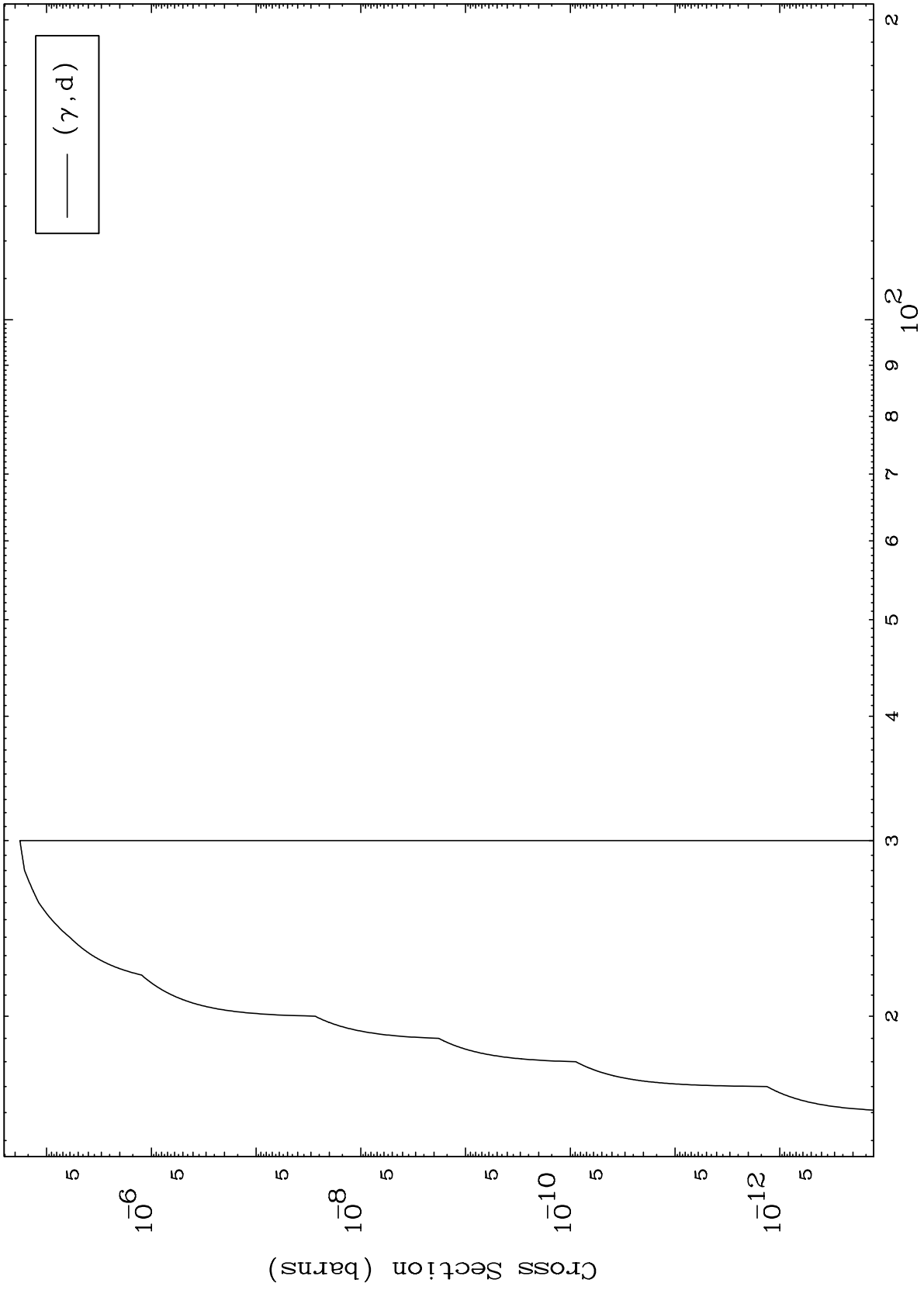
Incident Energy (MeV)

51-Sb-129

MAT 5149

(γ, d) Levels
0 Kelvin Cross Sections

51-Sb-129



6

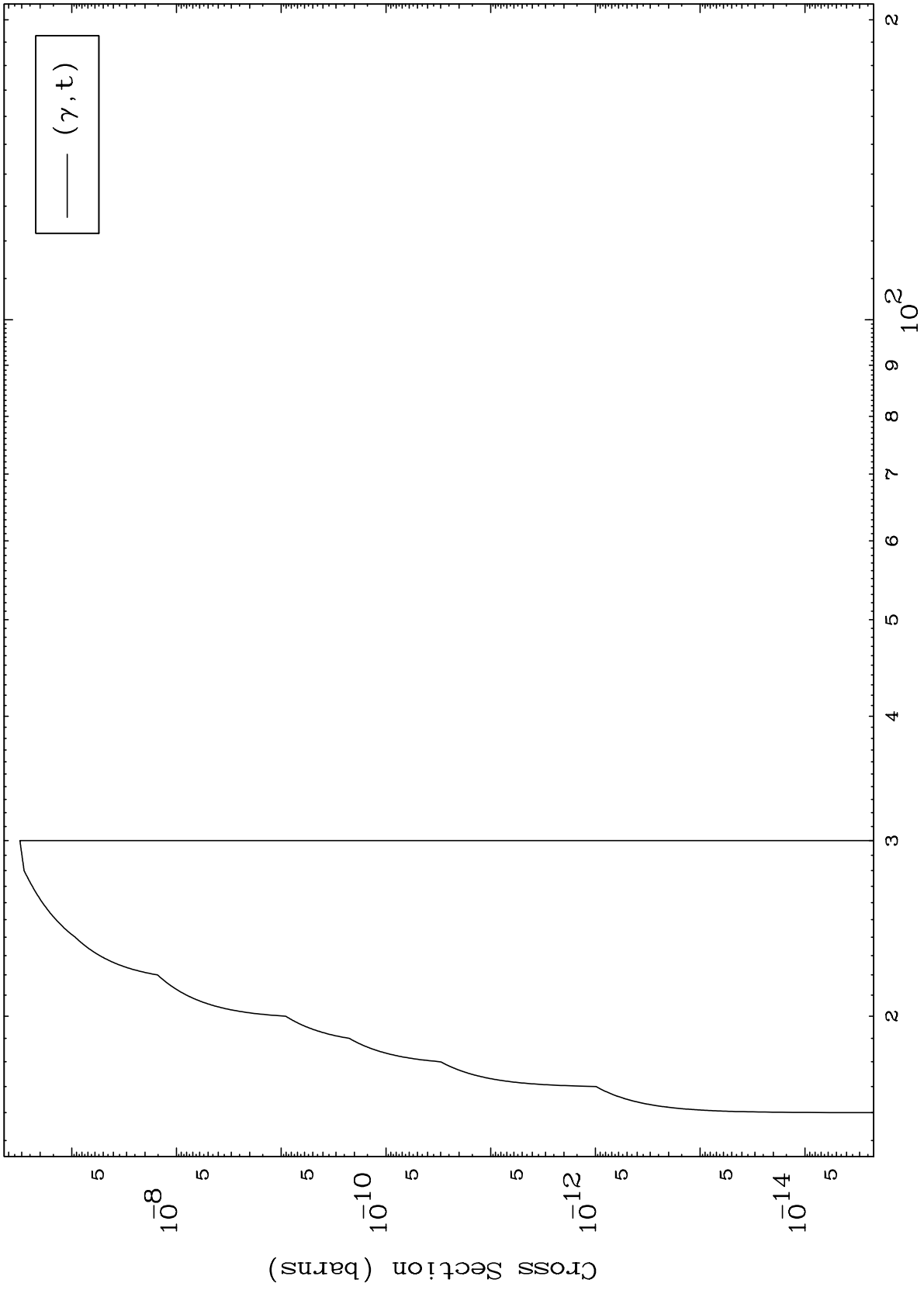
Incident Energy (MeV)

51-Sb-129

MAT 5149

(γ, t) Levels
0 Kelvin Cross Sections

51-Sb-129



7

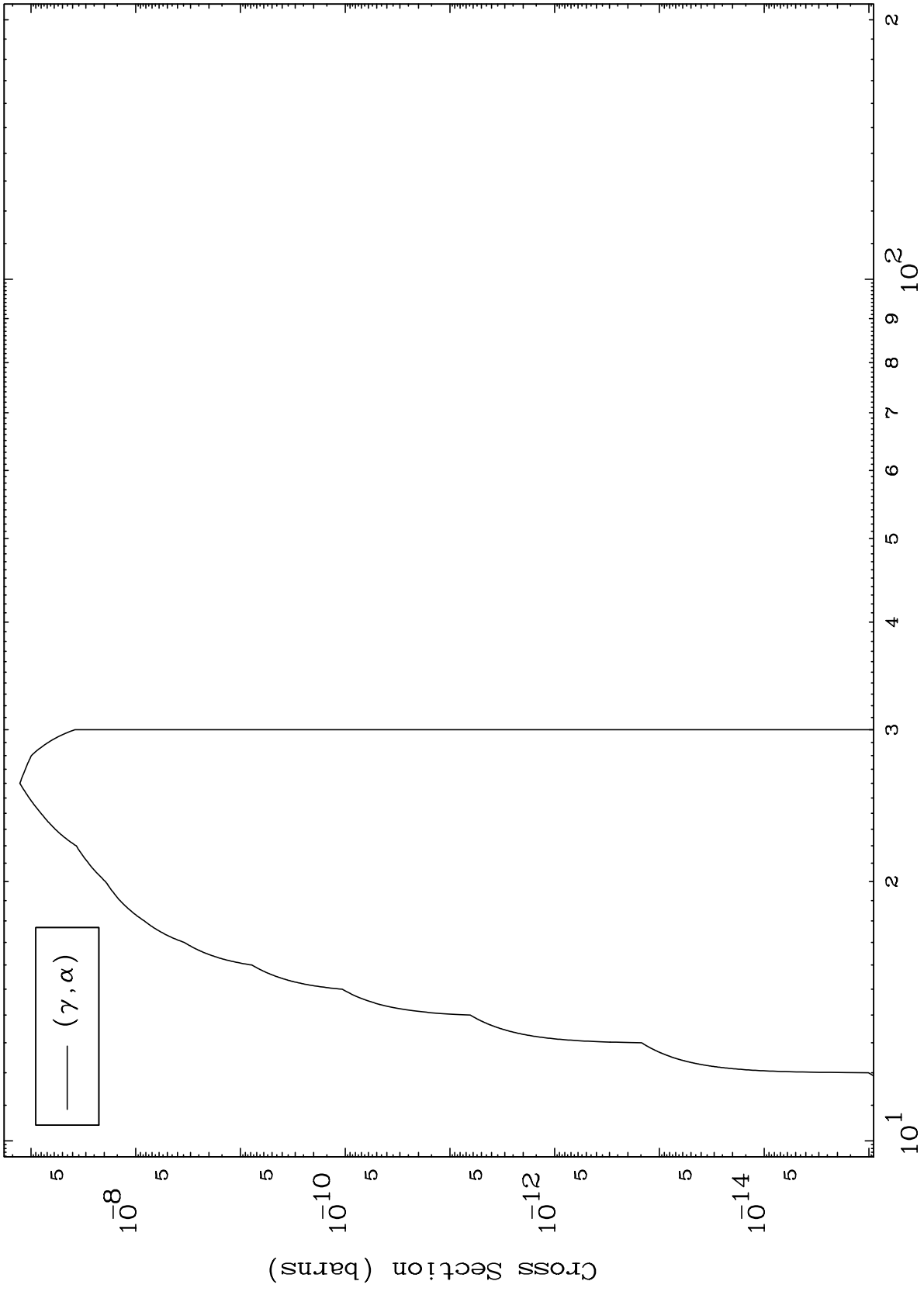
Incident Energy (MeV)

51-Sb-129

MAT 5149

(γ, α) Levels
0 Kelvin Cross Sections

51-Sb-129



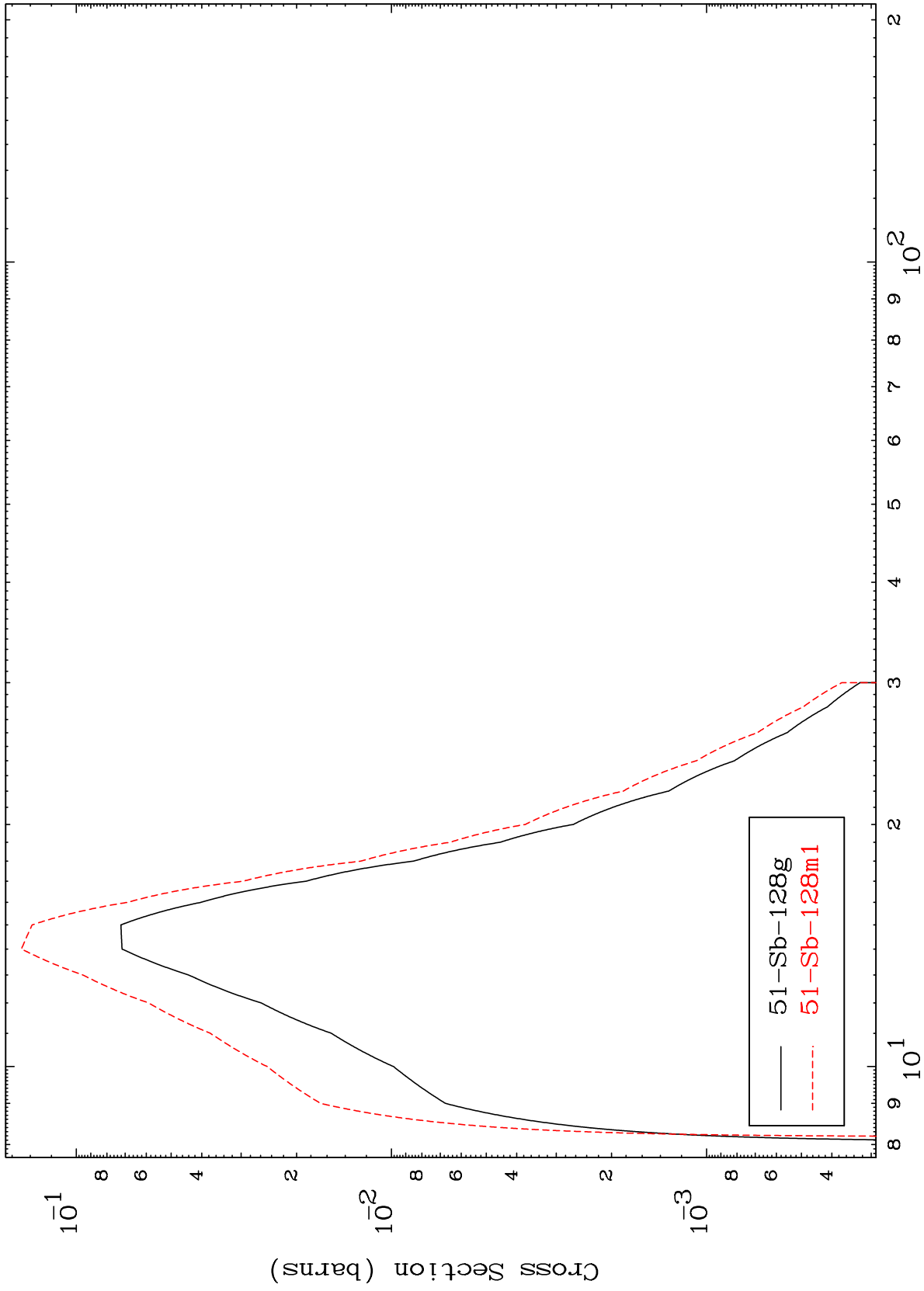
Incident Energy (MeV)

51-Sb-129

MAT 5149

Photon Inelastic
Radionuclide Production Cross Section

51-Sb-129



9

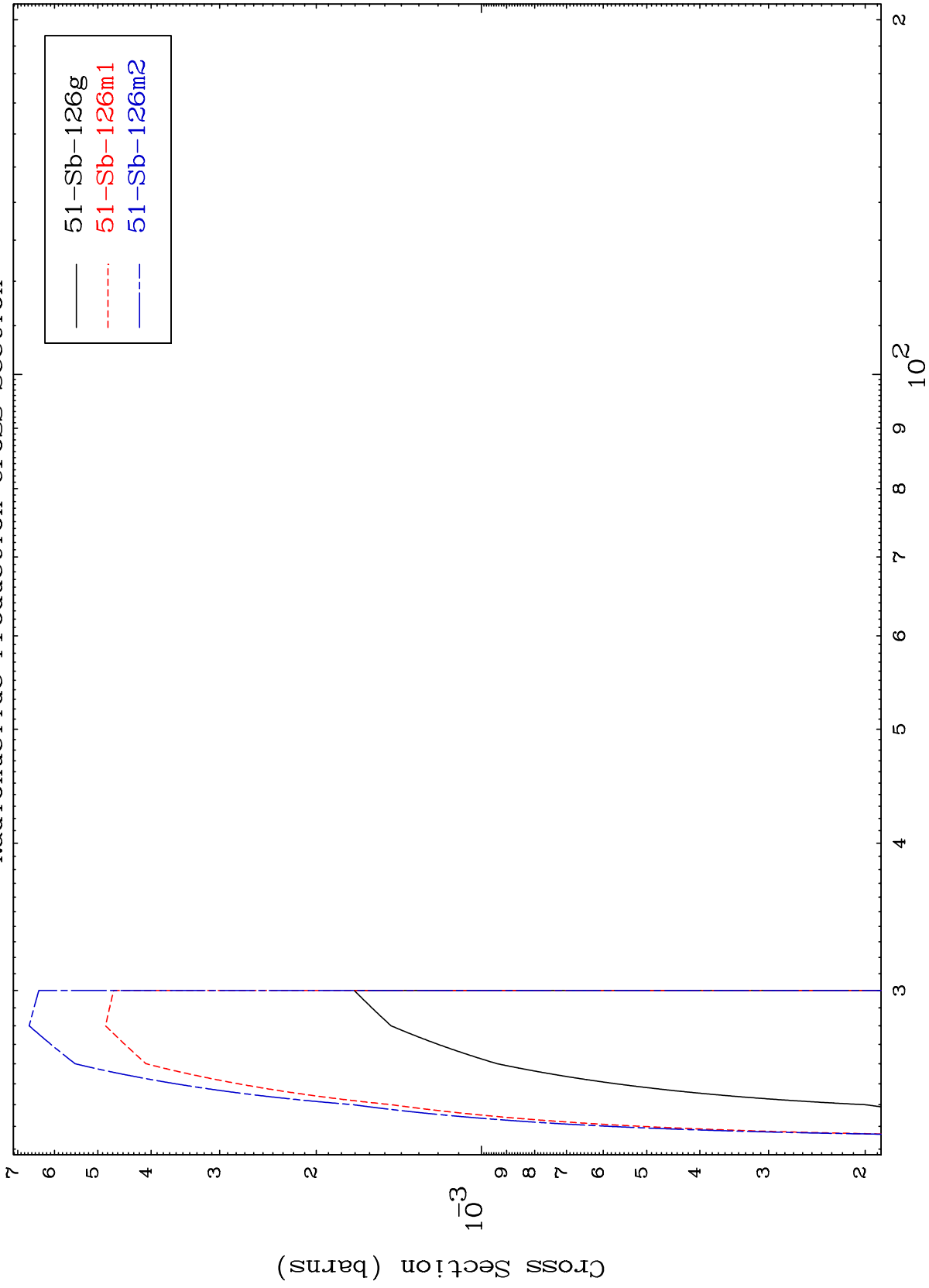
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

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



10

Incident Energy (MeV)

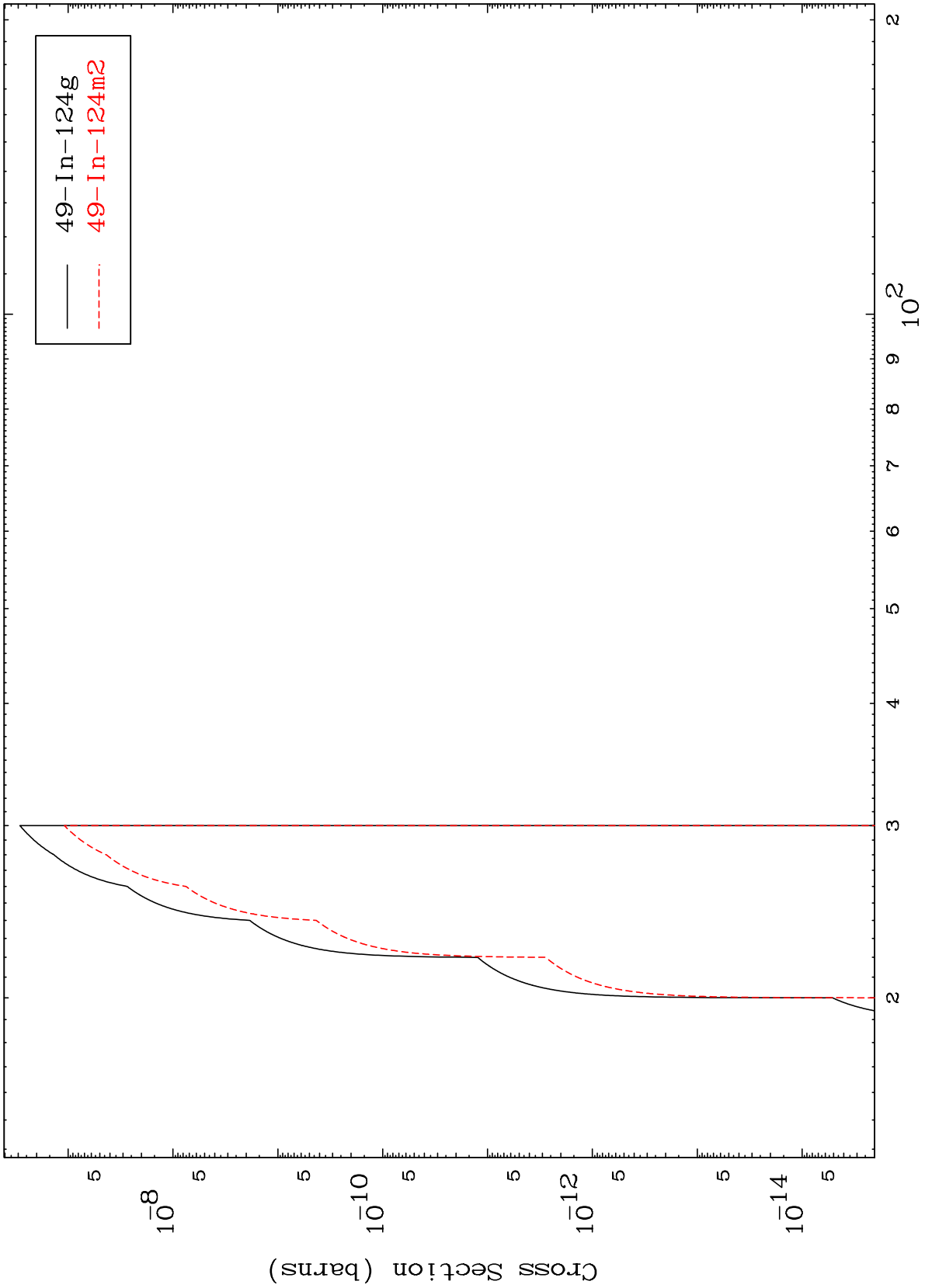
51-Sb-129

MAT 5149

(γ, n') α

51-Sb-129

Radionuclide Production Cross Section



11

Incident Energy (MeV)

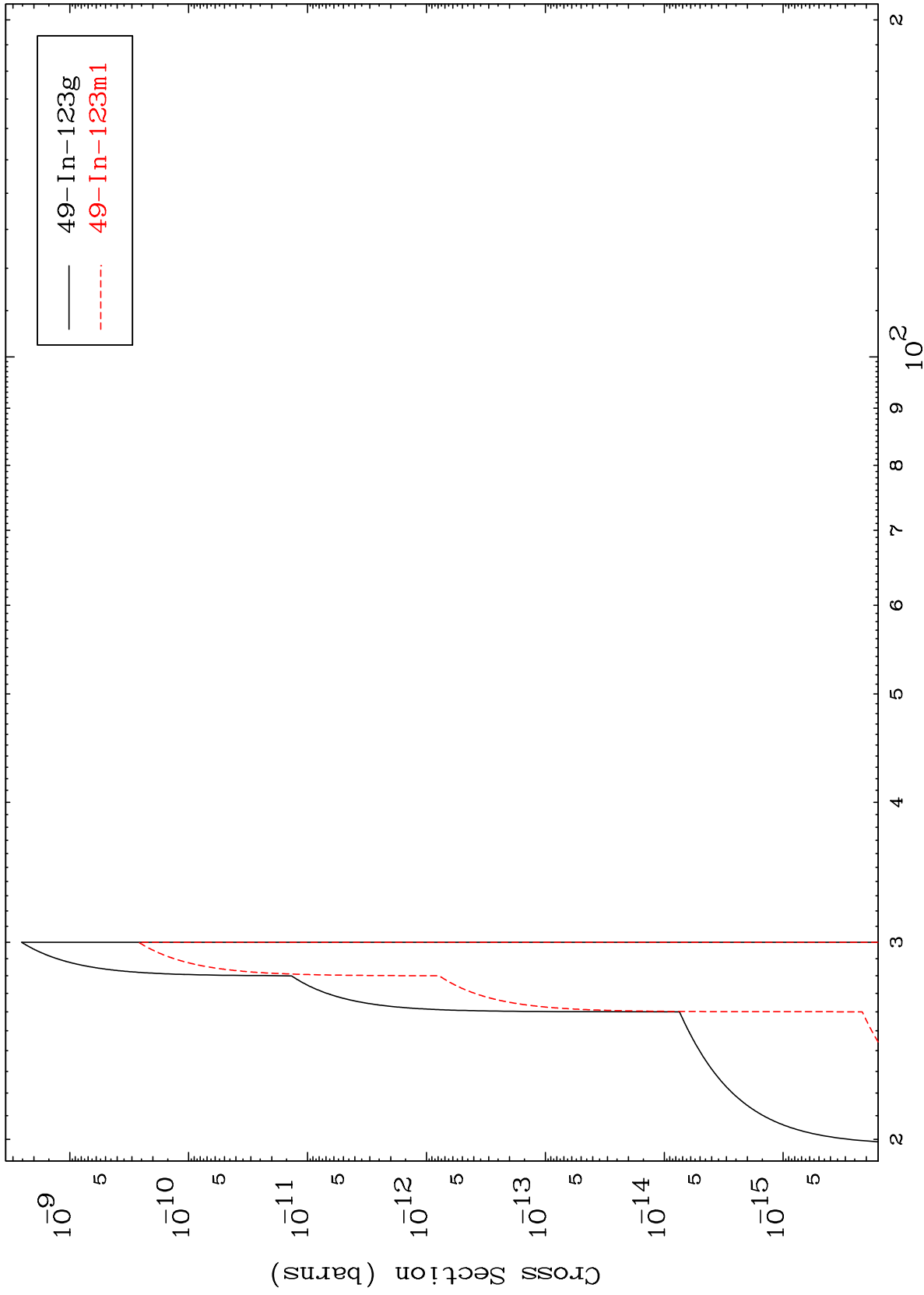
51-Sb-129

MAT 5149

$(\gamma, 2n) \alpha$

51-Sb-129

Radionuclide Production Cross Section



12

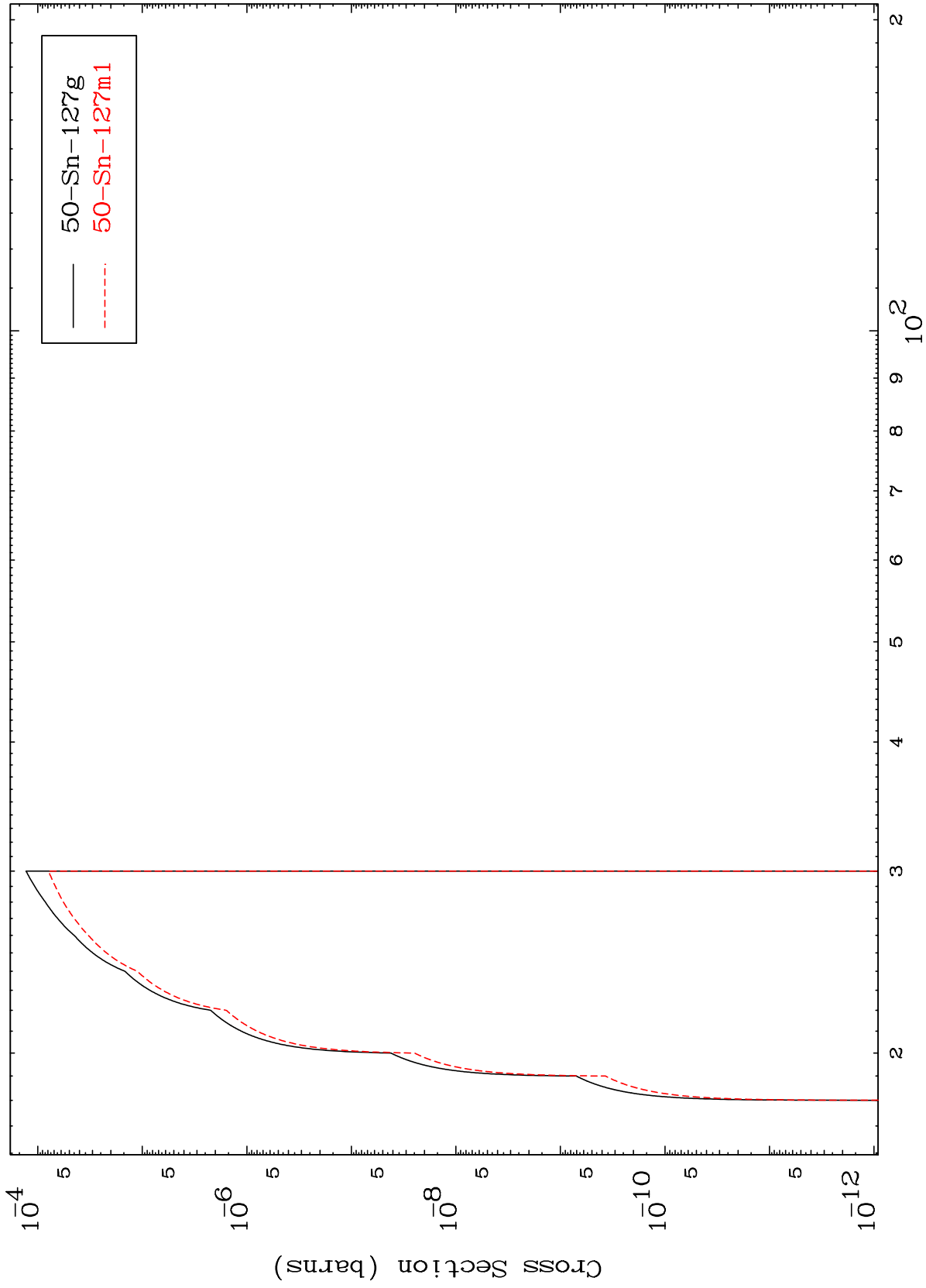
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(γ, n') p
Radionuclide Production Cross Section



13

Incident Energy (MeV)

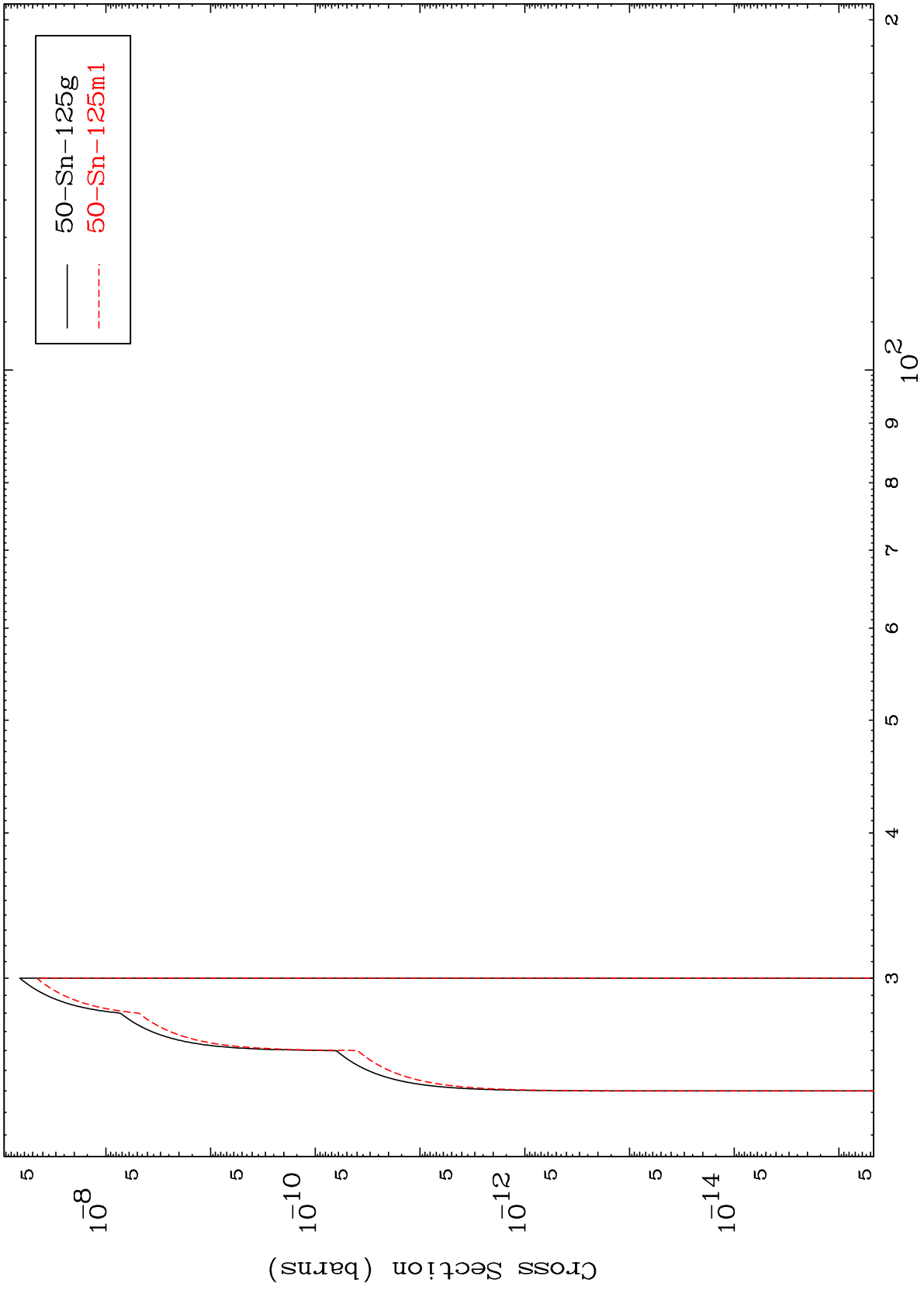
51-Sb-129

MAT 5149

(γ, n') t

51-Sb-129

Radionuclide Production Cross Section



14

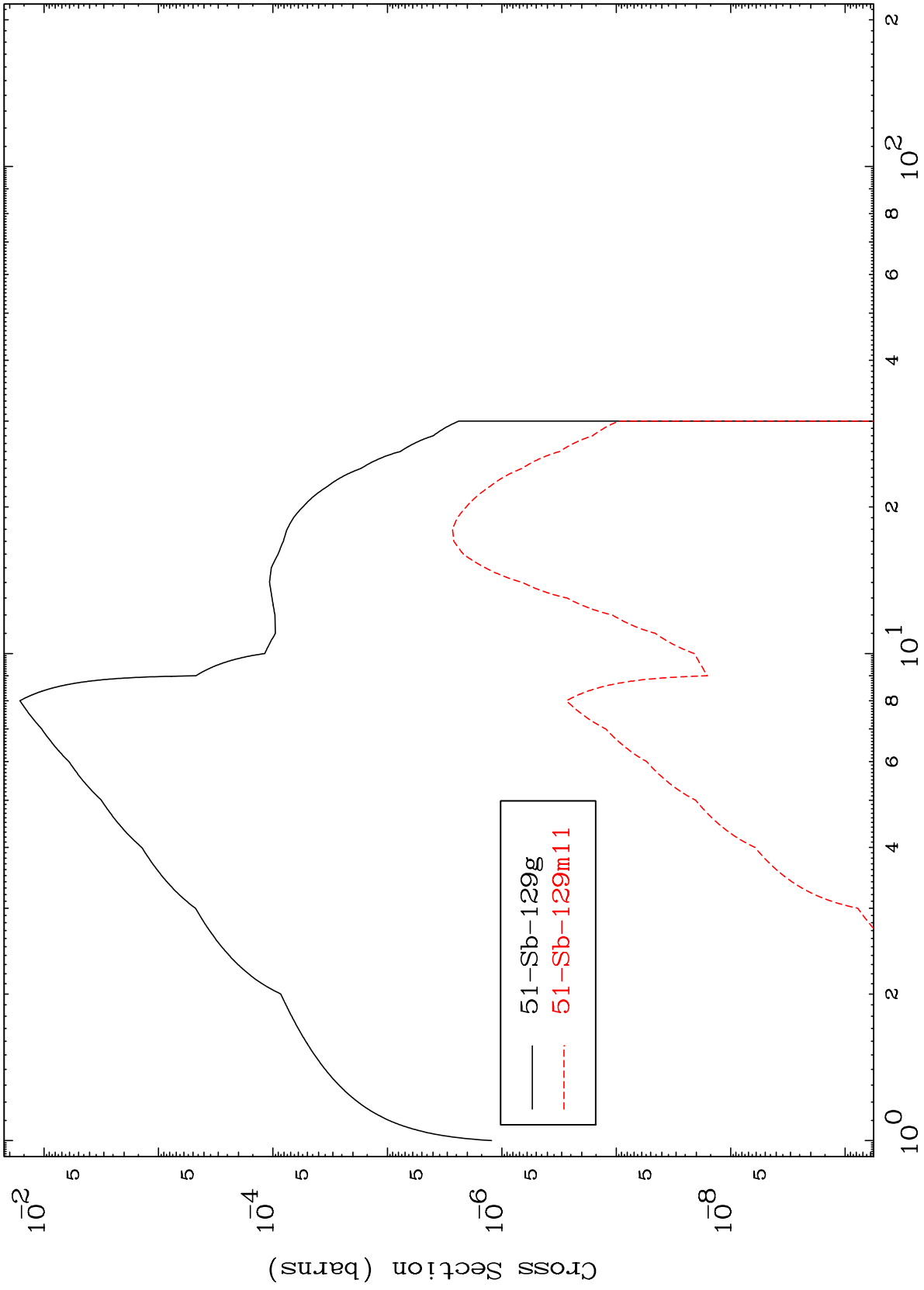
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

Radionuclide Production Cross Section
(γ, γ)



51-Sb-129

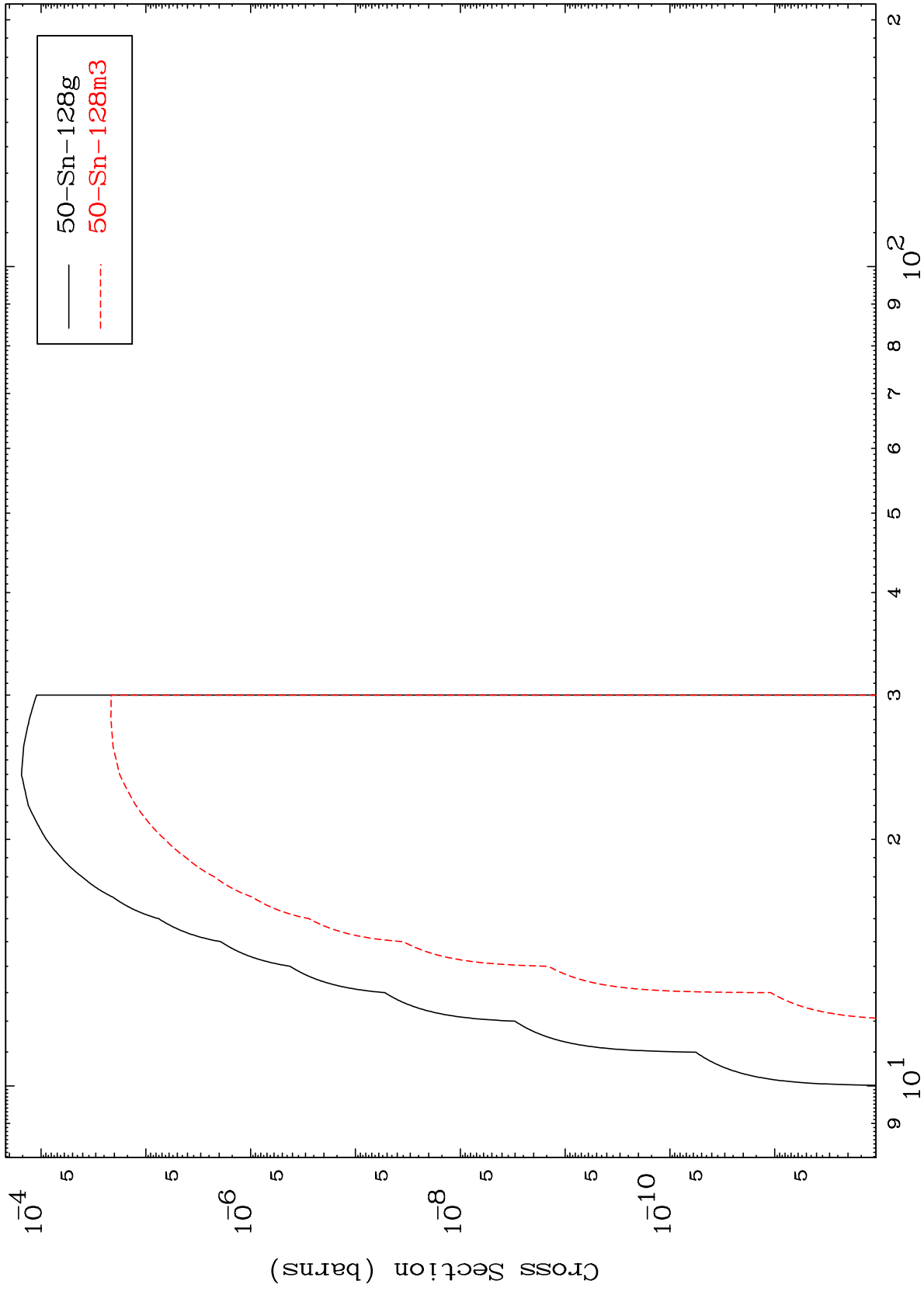
Incident Energy (MeV)

15

MAT 5149

51-Sb-129

Radionuclide Production Cross Section
(γ, p)



16

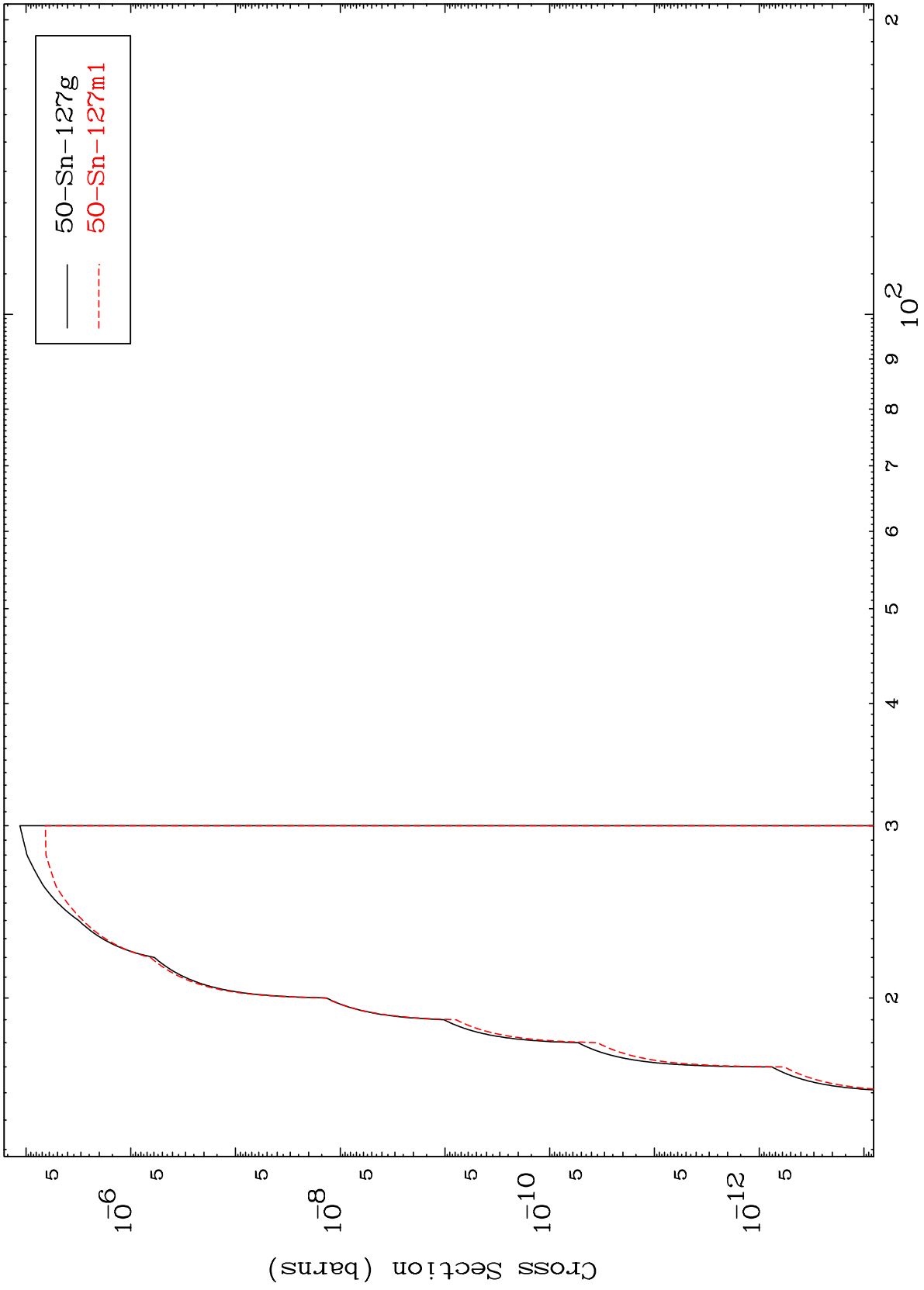
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(γ, d)
Radionuclide Production Cross Section



17

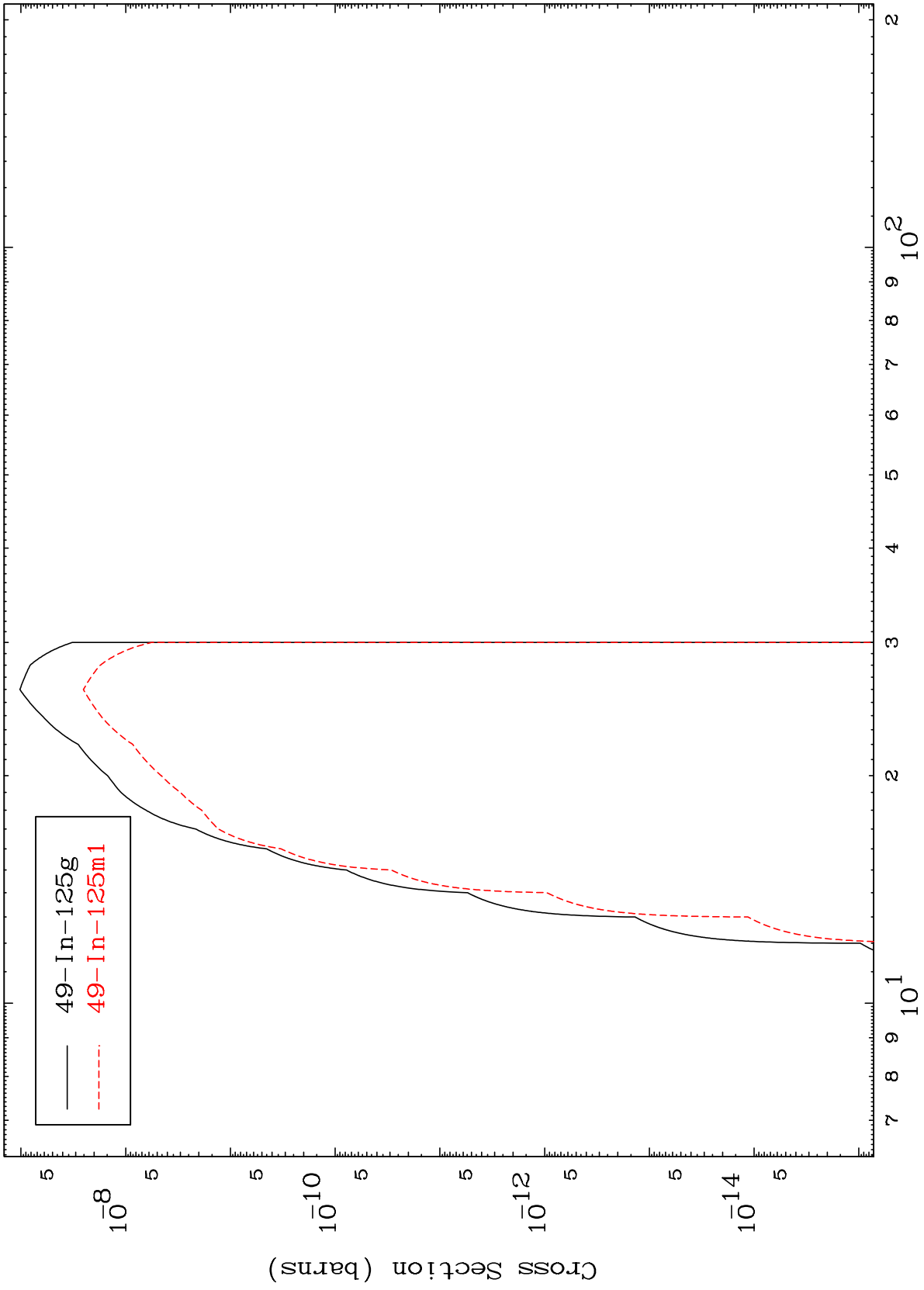
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

Radionuclide Production Cross Section
(γ, α)



— 49-In-125g
- - - 49-In-125m1

18

Incident Energy (MeV)

51-Sb-129