

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

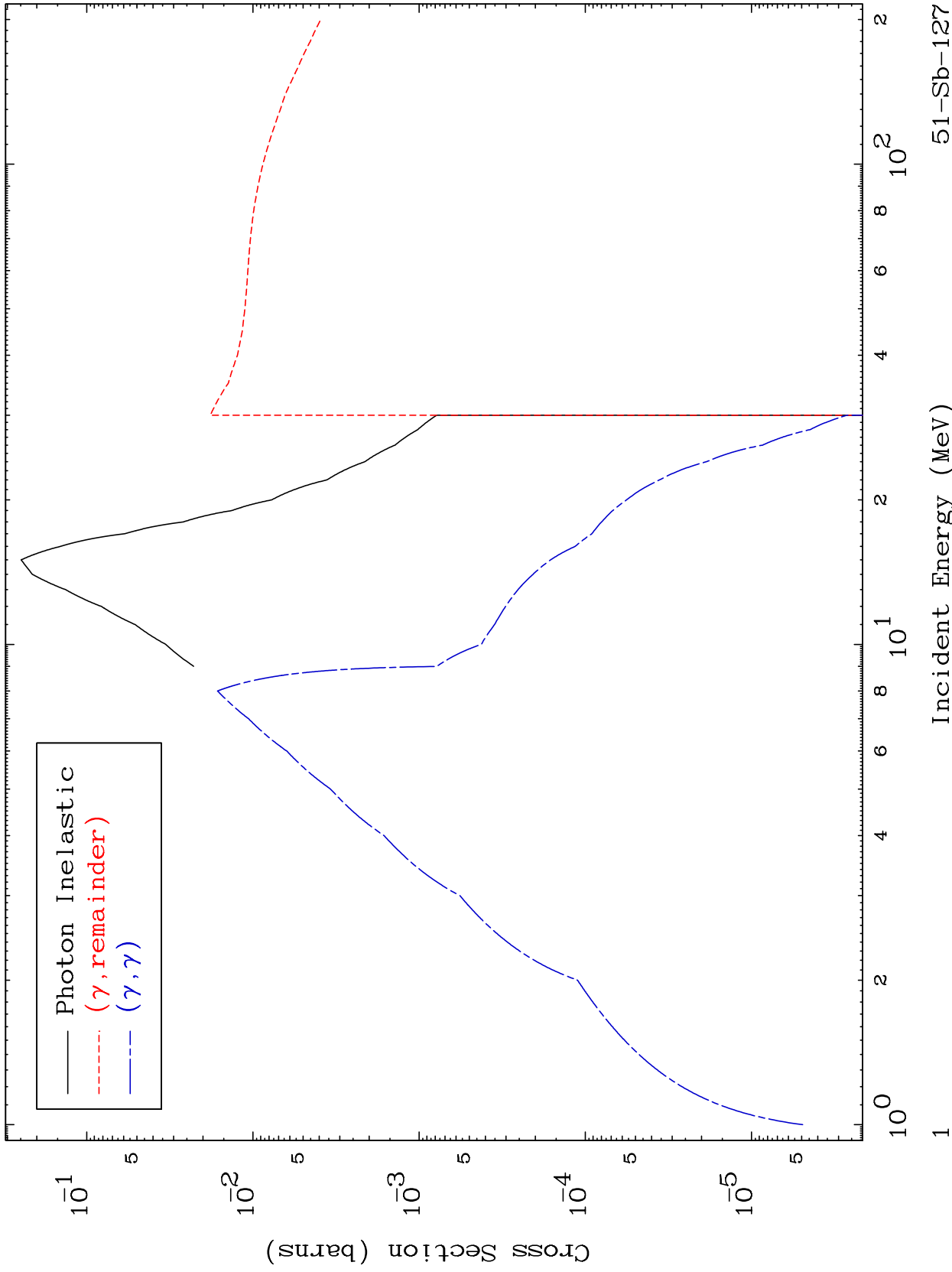
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

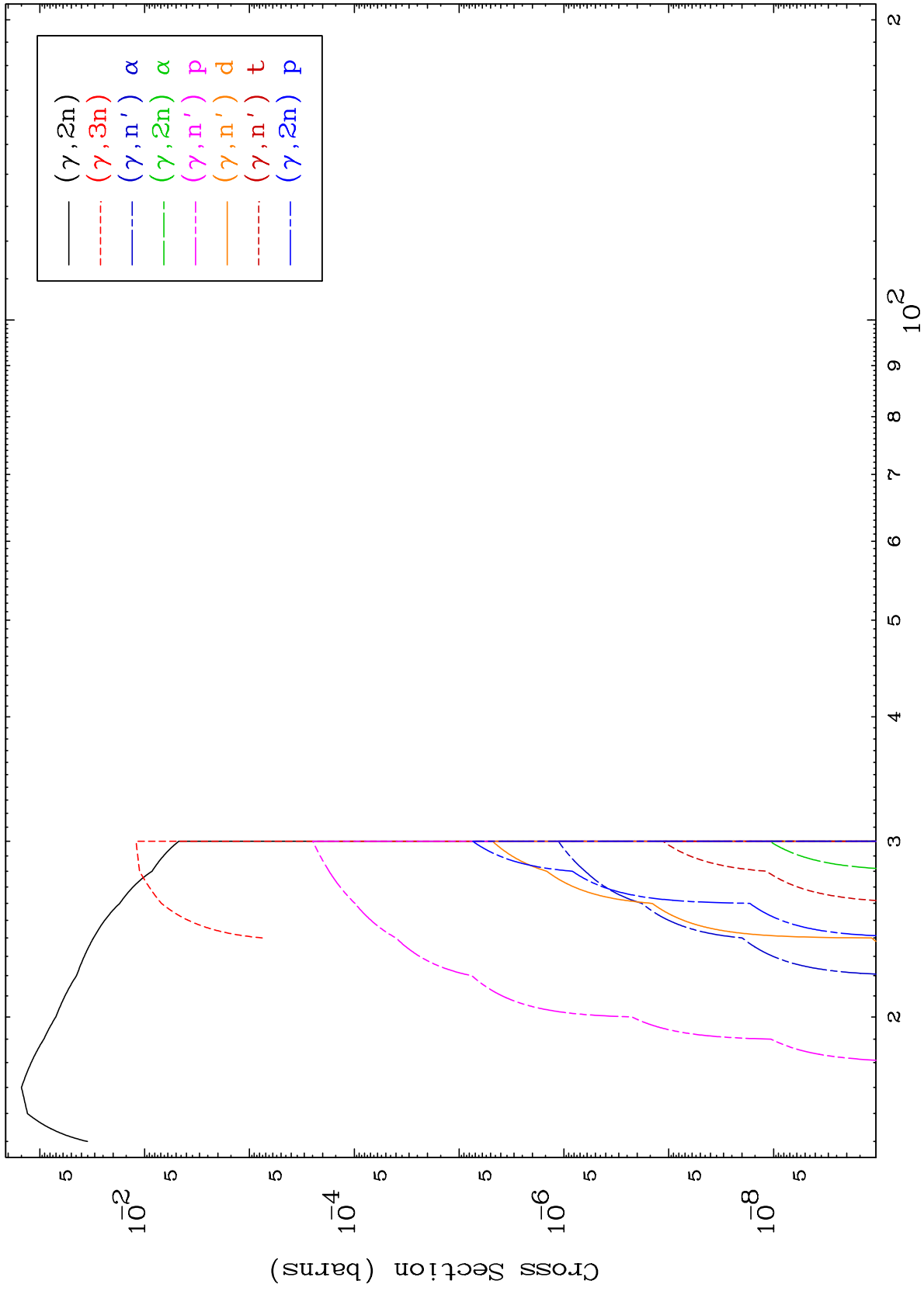
MAT 5143

Photon Major
0 Kelvin Cross Sections

51-Sb-127



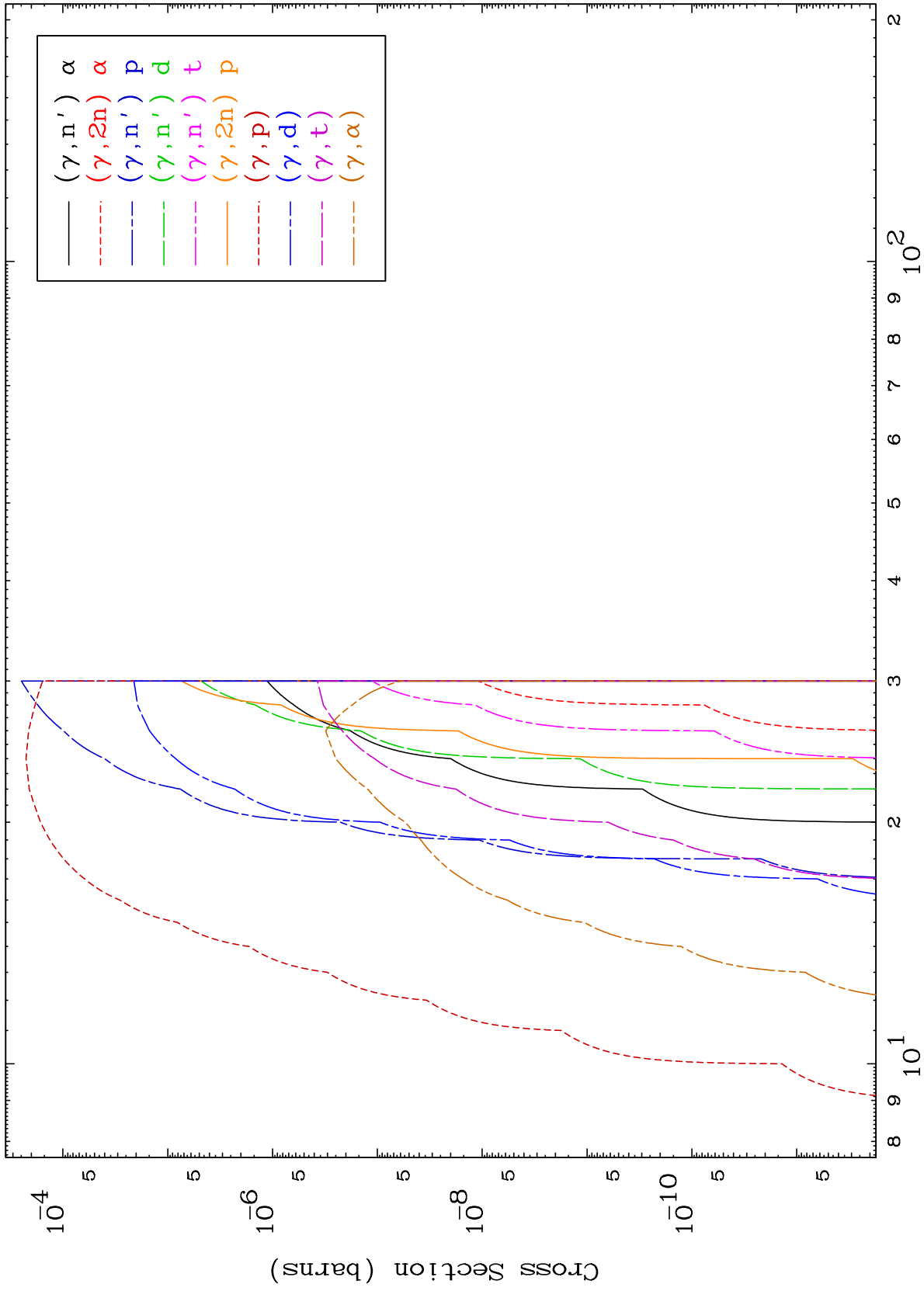
51-Sb-127



MAT 5143

Photon Charged Particle
0 Kelvin Cross Sections

51-Sb-127



3

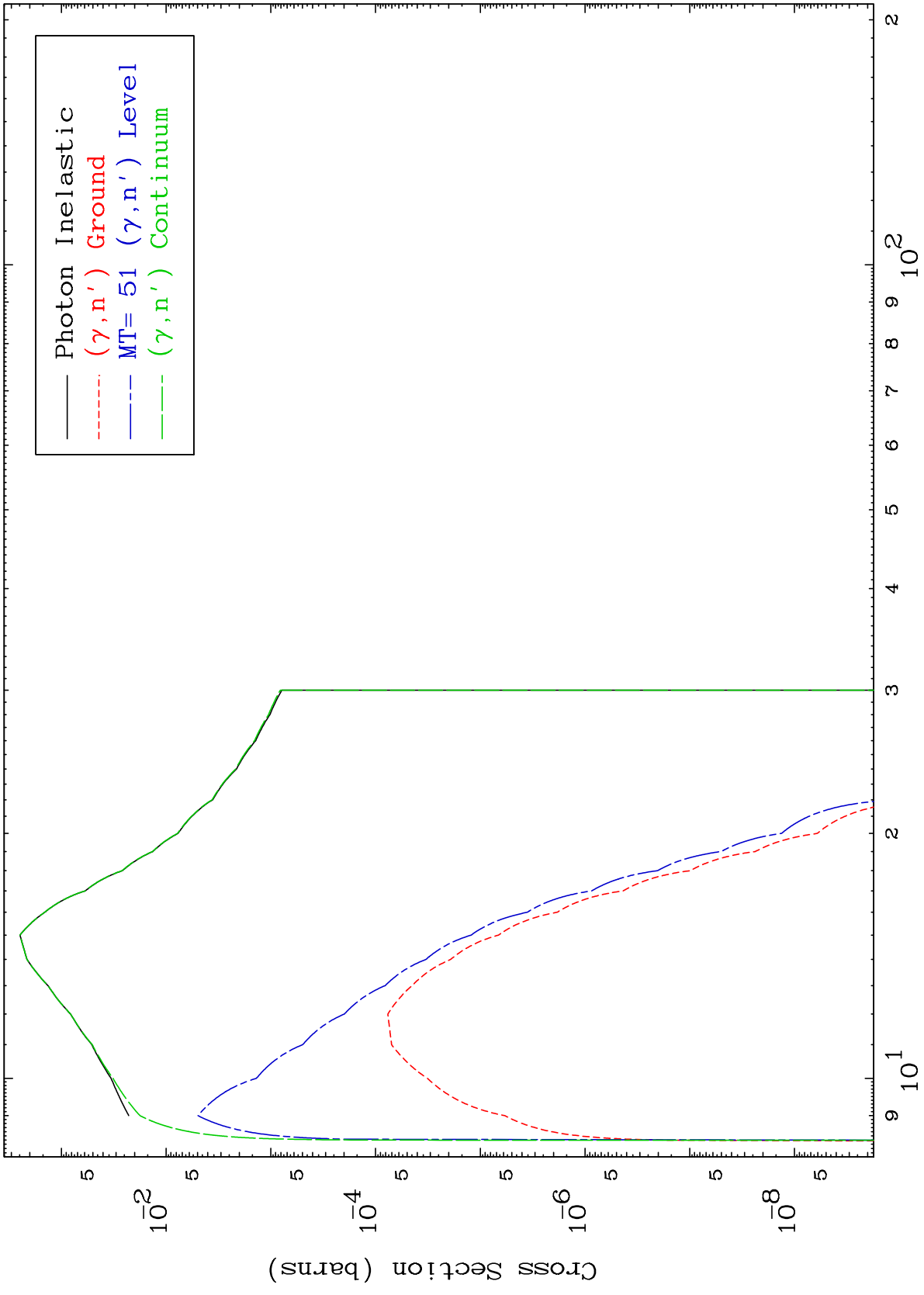
Incident Energy (MeV)

51-Sb-127

MAT 5143

(γ, n') Level
0 Kelvin Cross Sections

51-Sb-127



4

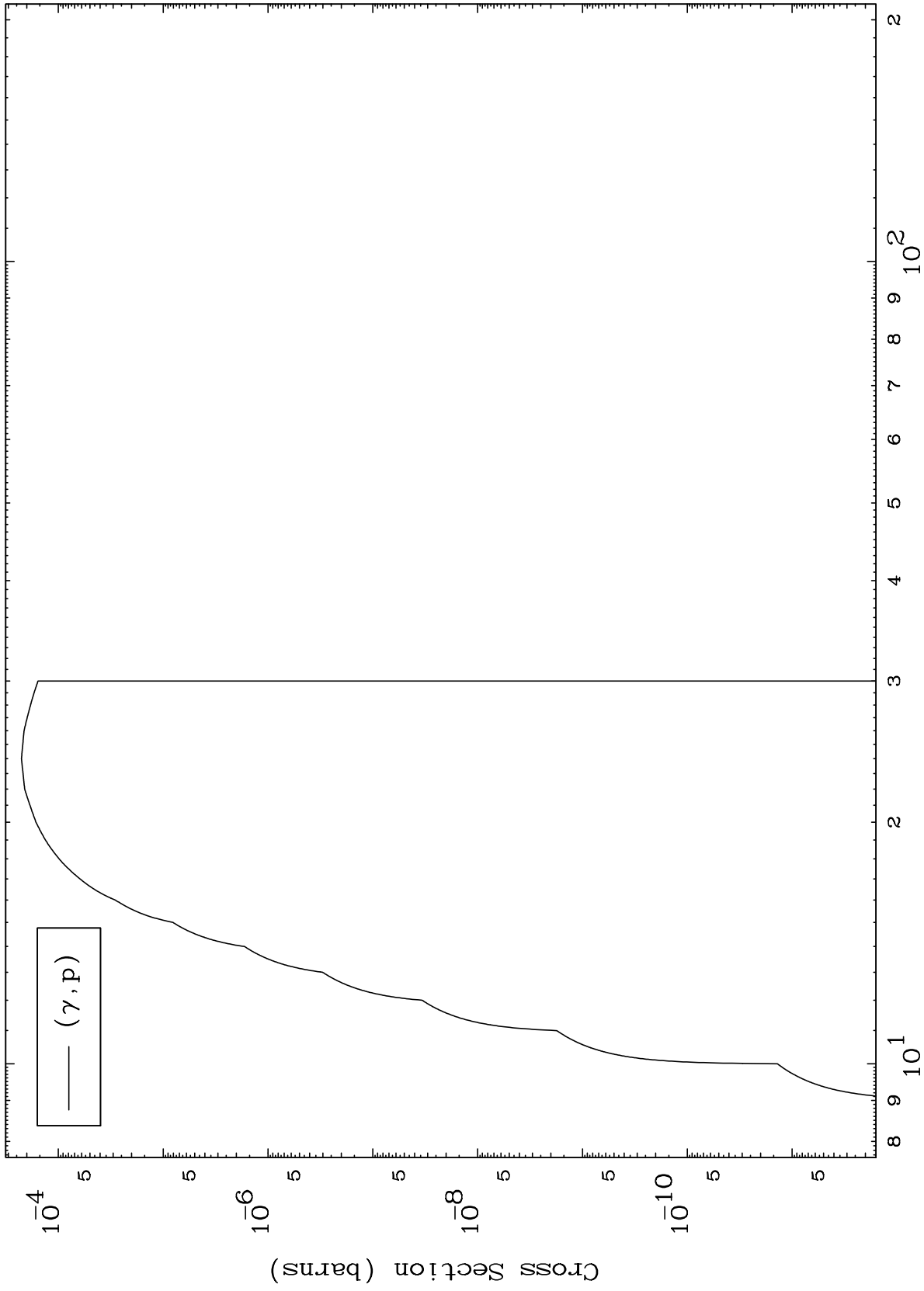
Incident Energy (MeV)

51-Sb-127

MAT 5143

(γ, p) Levels
0 Kelvin Cross Sections

51-Sb-127



5

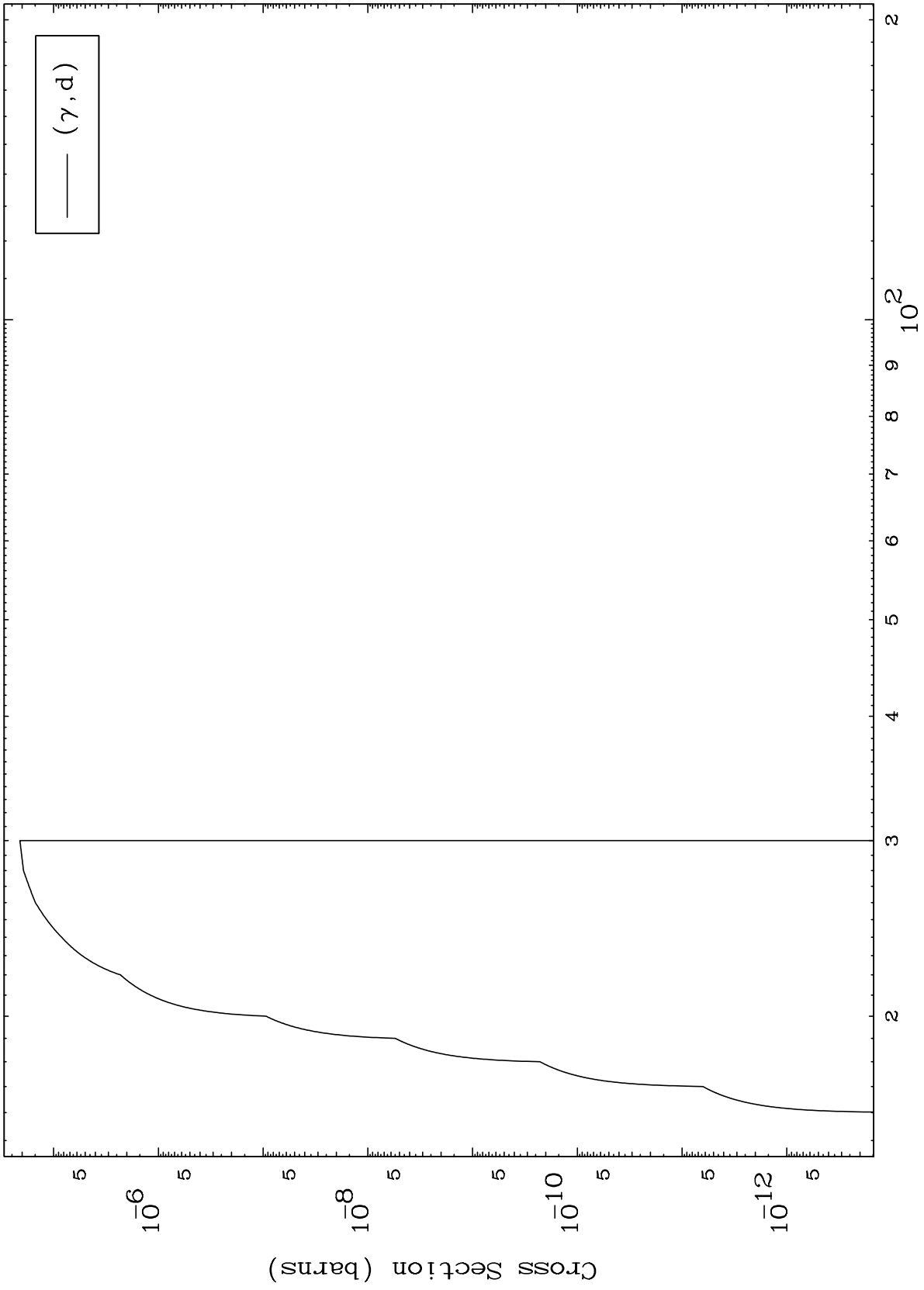
Incident Energy (MeV)

51-Sb-127

MAT 5143

(γ, d) Levels
0 Kelvin Cross Sections

51-Sb-127



6

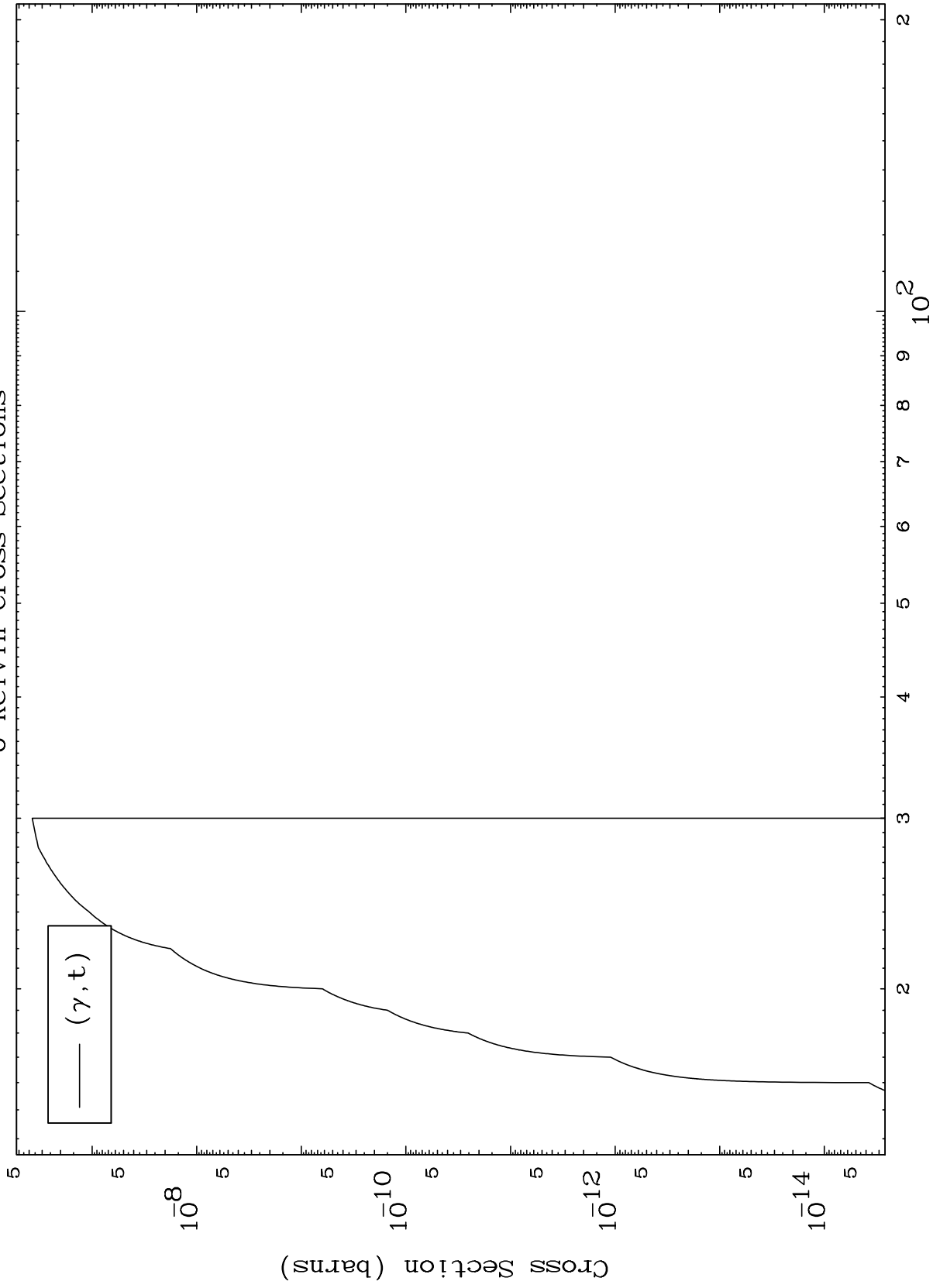
Incident Energy (MeV)

51-Sb-127

MAT 5143

(γ, t) Levels
0 Kelvin Cross Sections

51-Sb-127



7

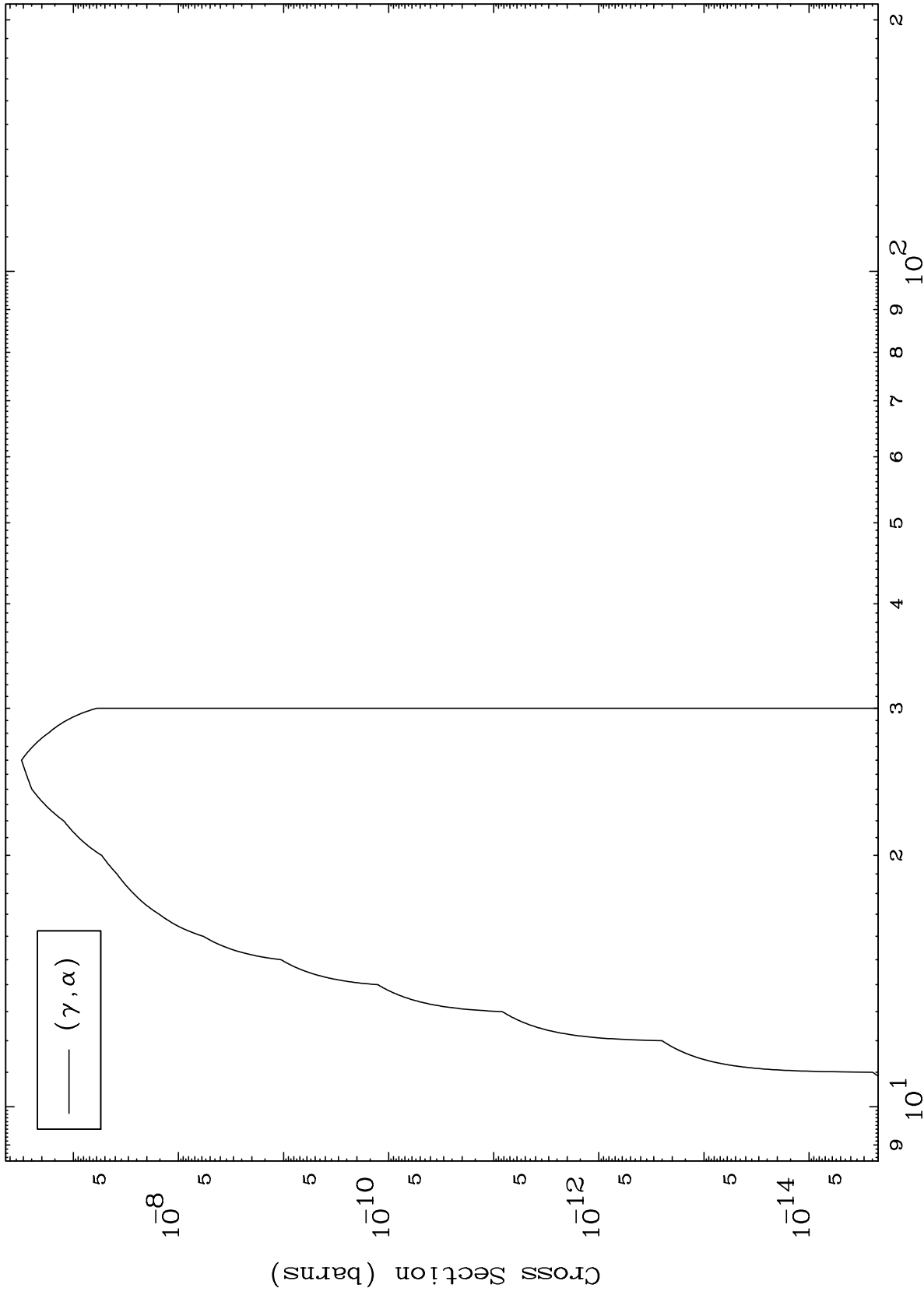
Incident Energy (MeV)

51-Sb-127

MAT 5143

(γ, α) Levels
0 Kelvin Cross Sections

51-Sb-127



8

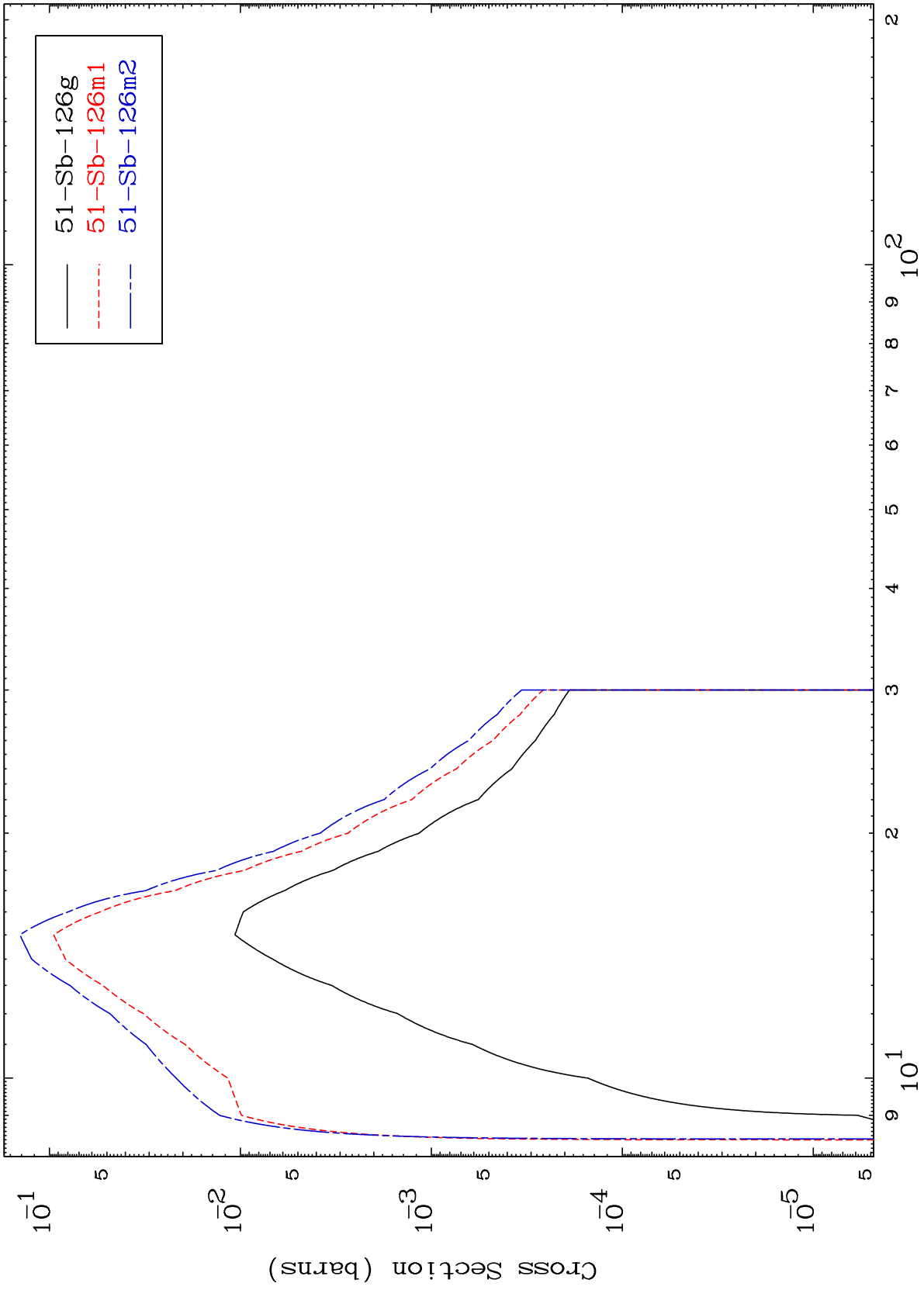
Incident Energy (MeV)

51-Sb-127

MAT 5143

Photon Inelastic
Radionuclide Production Cross Section

51-Sb-127



51-Sb-127

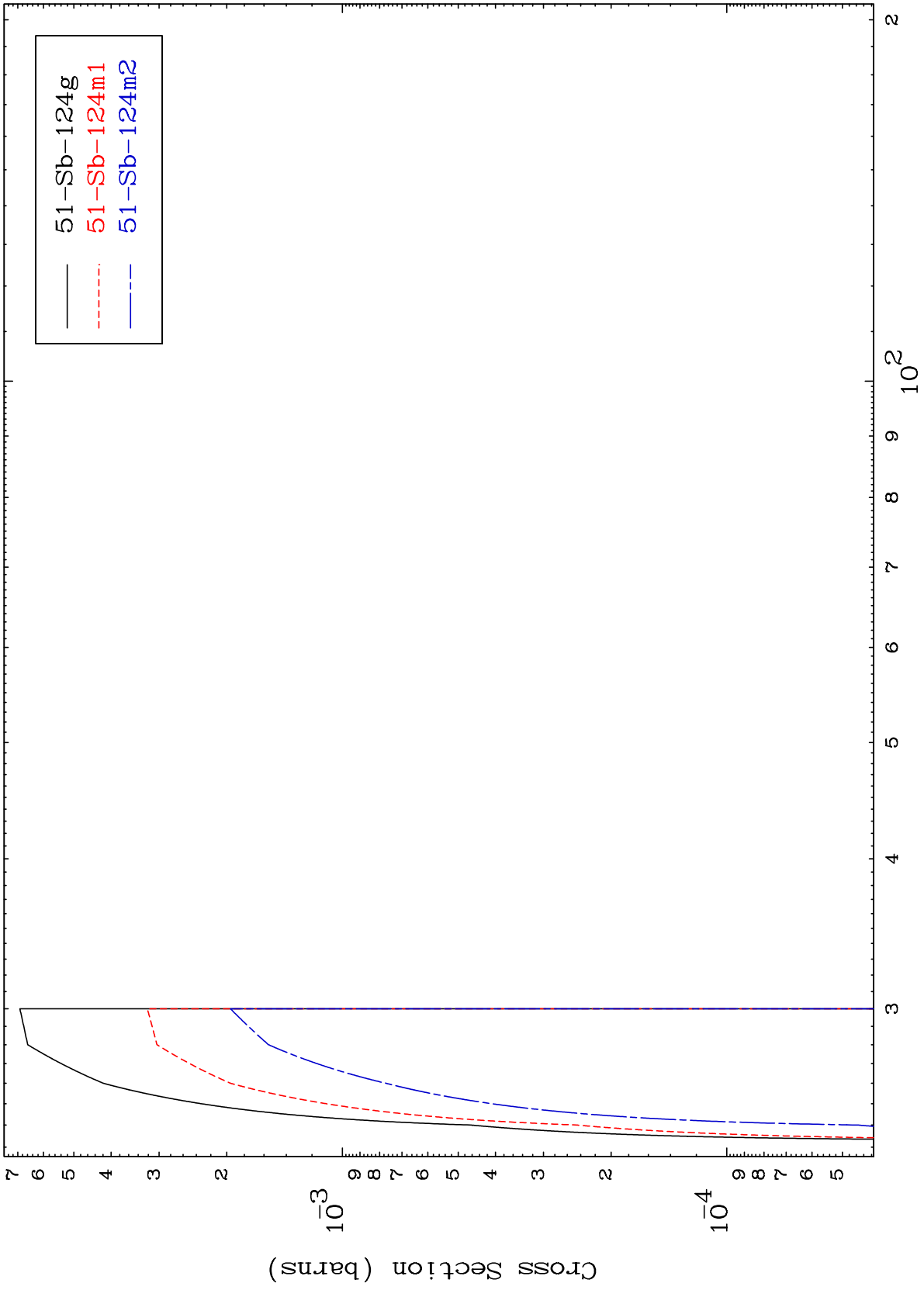
Incident Energy (MeV)

9

MAT 5143

51-Sb-127

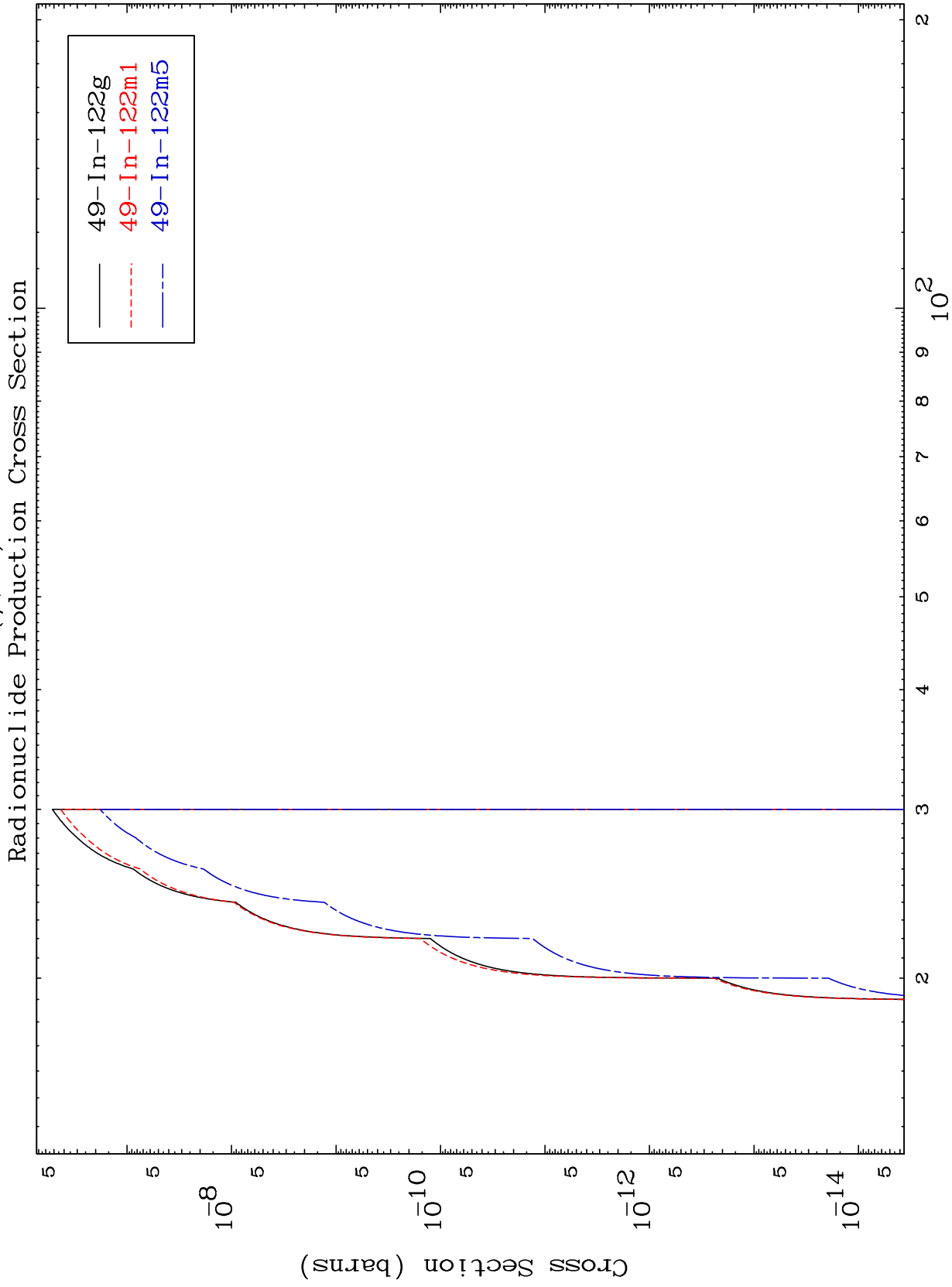
($\gamma, 3n$)
Radionuclide Production Cross Section



10

Incident Energy (MeV)

51-Sb-127

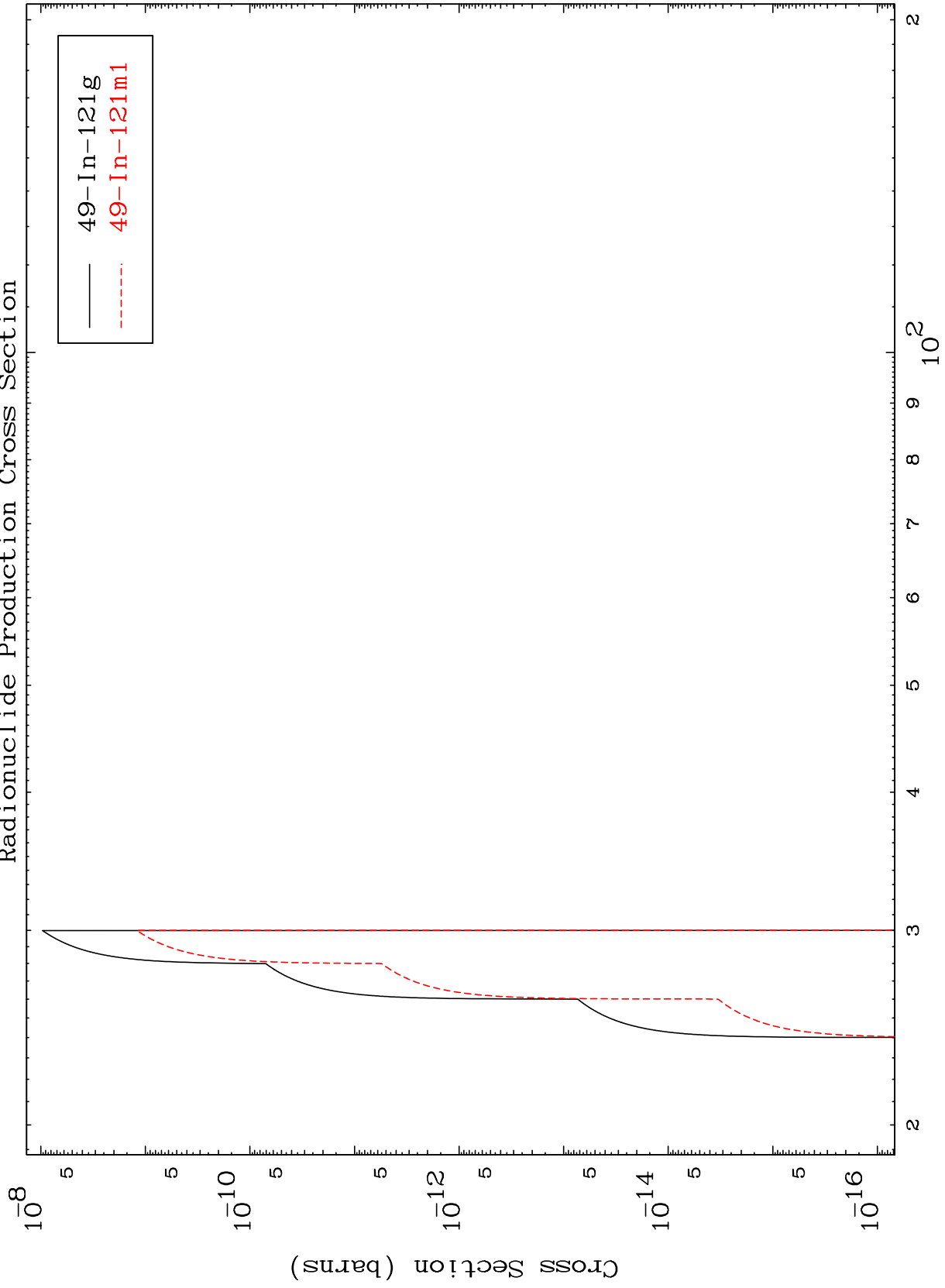


MAT 5143

$(\gamma, 2n) \alpha$

51-Sb-127

Radionuclide Production Cross Section



12

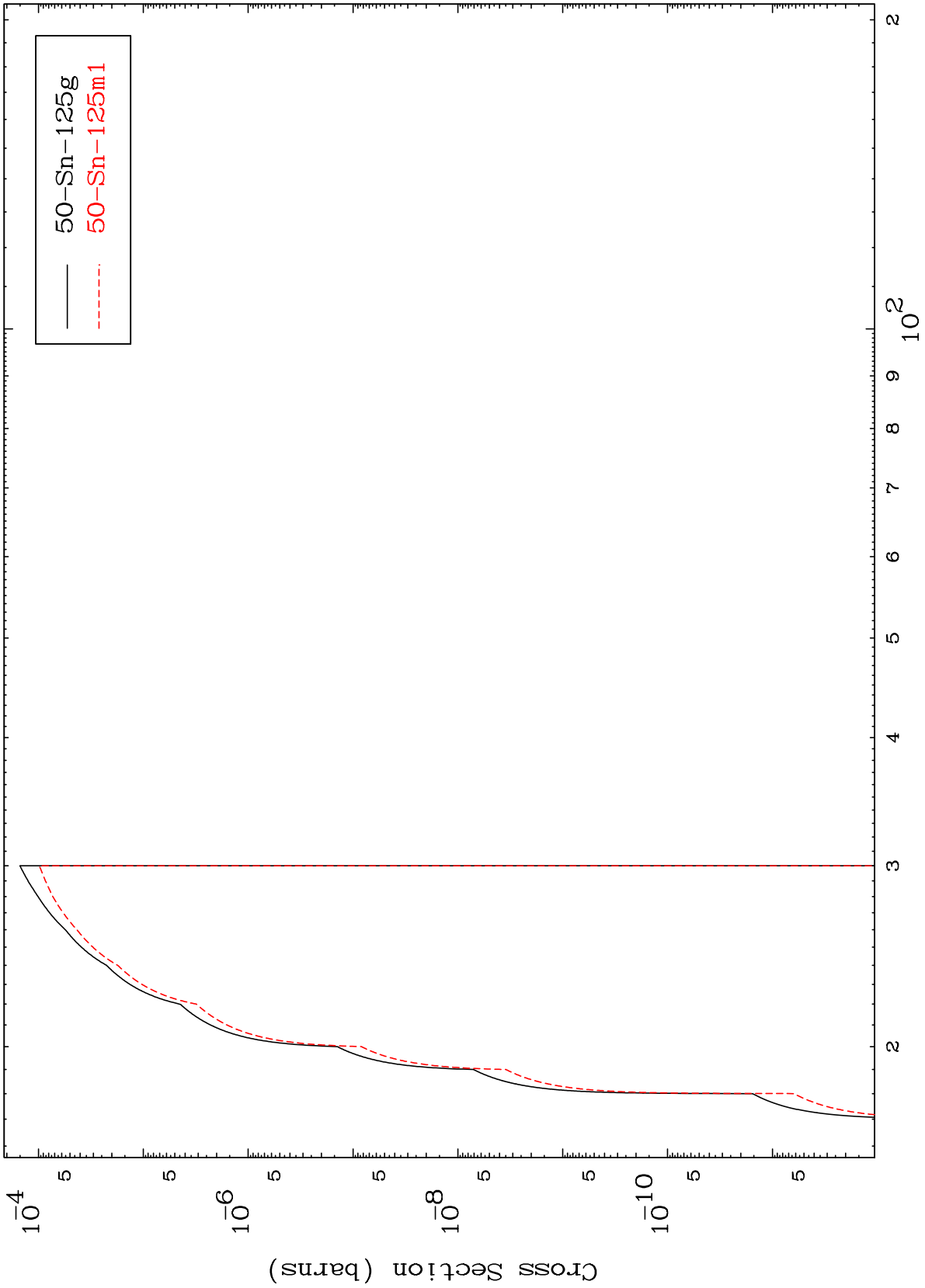
Incident Energy (MeV)

51-Sb-127

MAT 5143

51-Sb-127

(γ, n') p
Radionuclide Production Cross Section



13

Incident Energy (MeV)

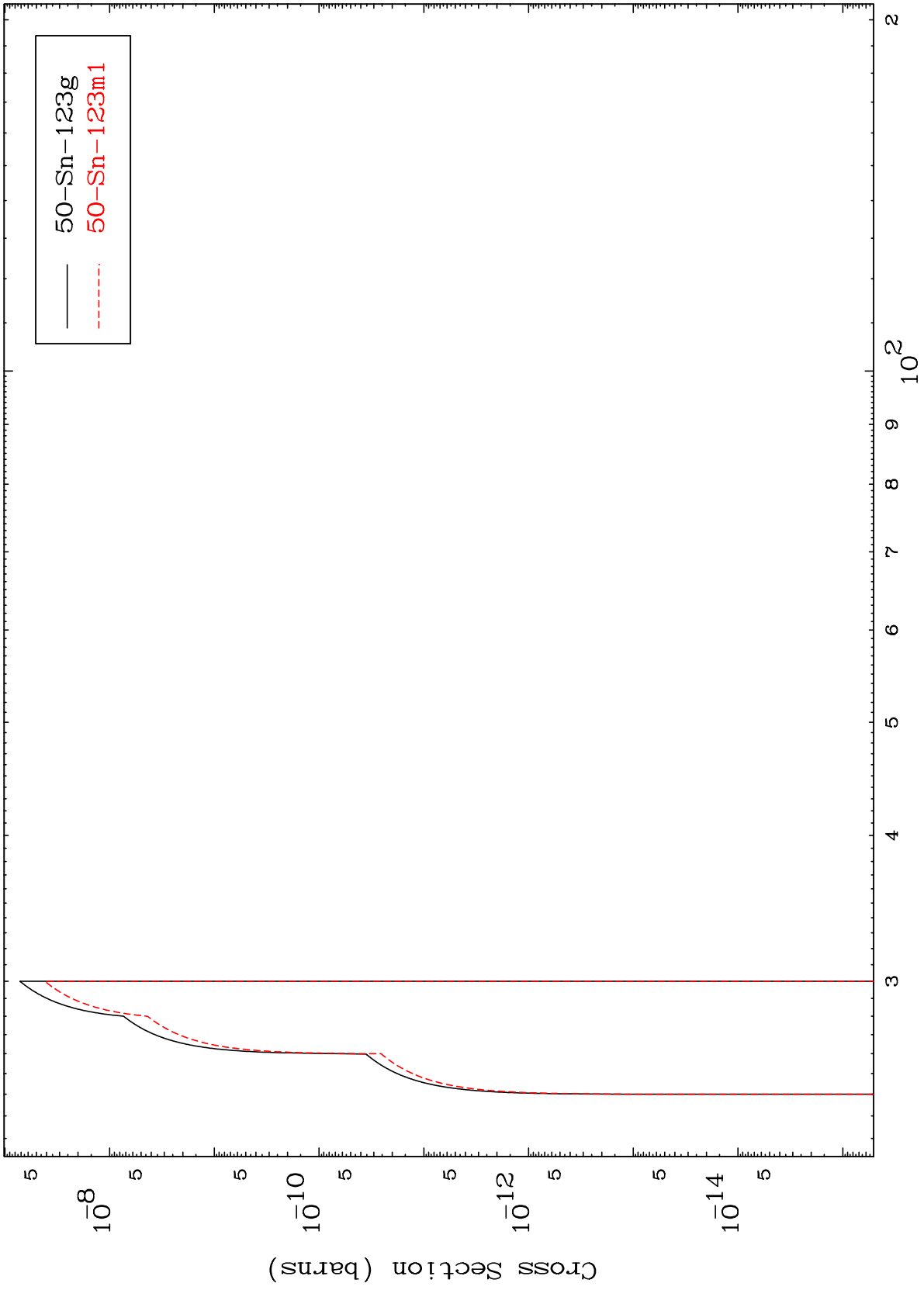
51-Sb-127

MAT 5143

(γ, n') t

51-Sb-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

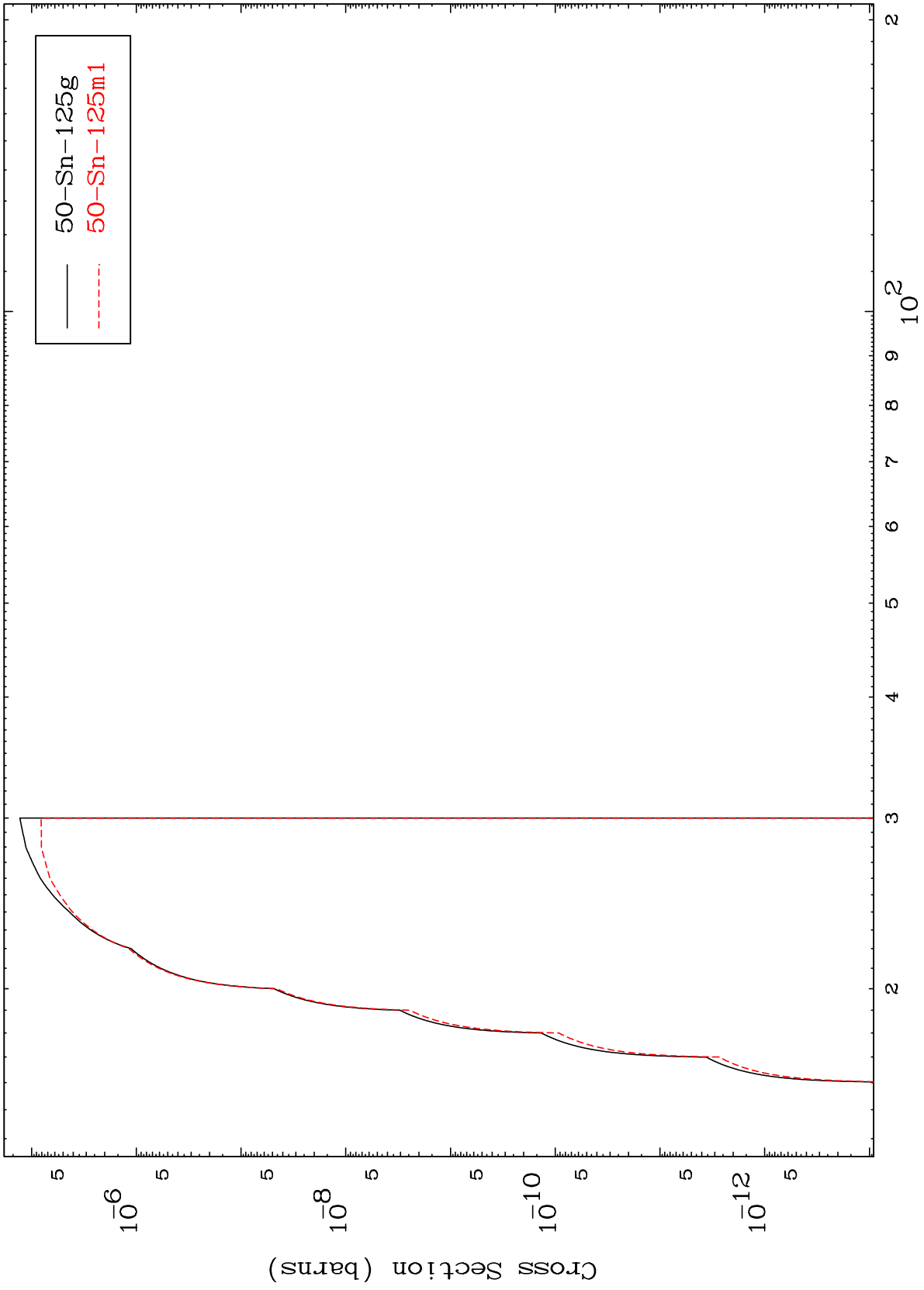
51-Sb-127

MAT 5143

(γ, d)

51-Sb-127

Radionuclide Production Cross Section



15

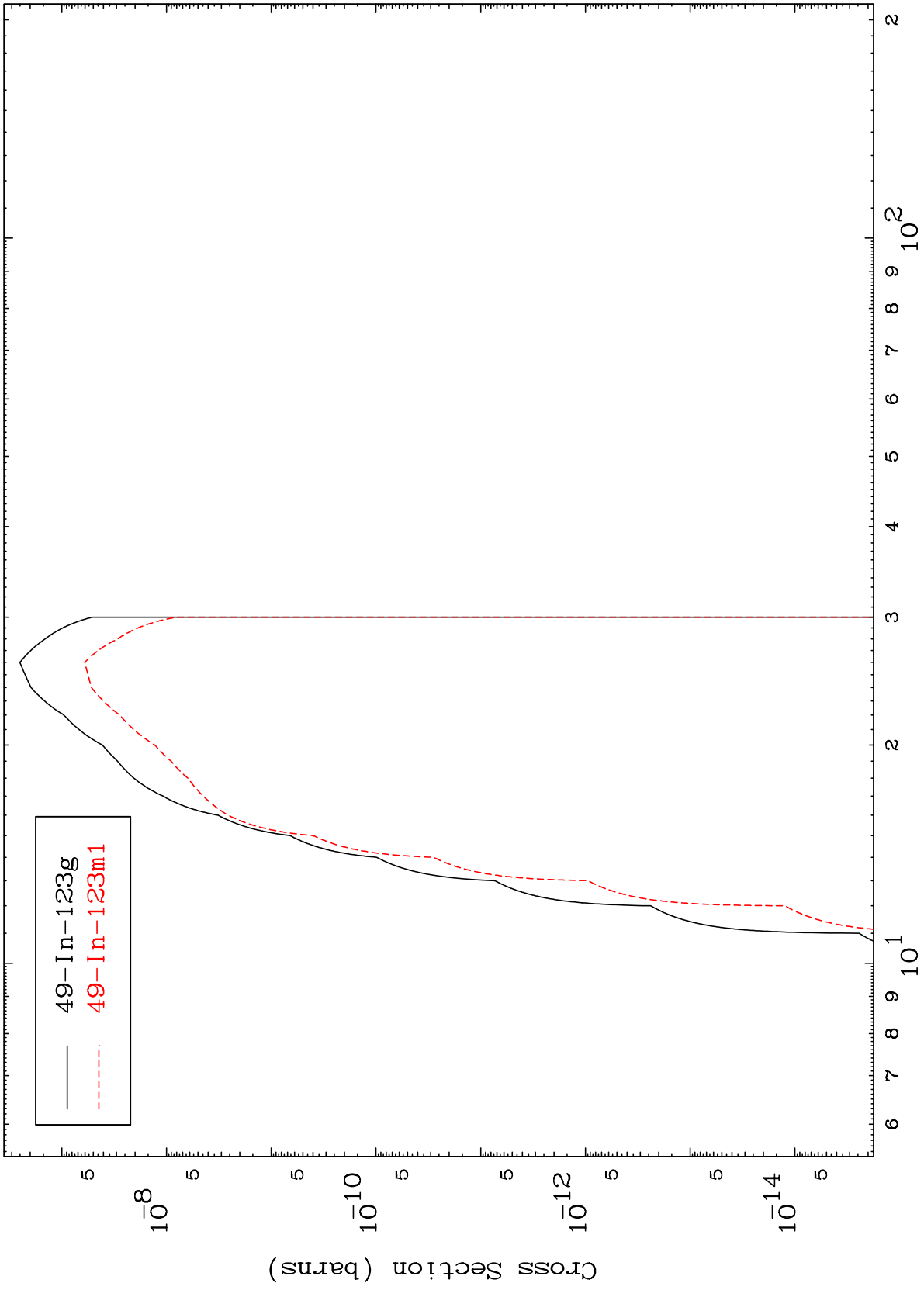
Incident Energy (MeV)

51-Sb-127

MAT 5143

51-Sb-127

Radionuclide Production Cross Section
(γ, α)



16

Incident Energy (MeV)

51-Sb-127