

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

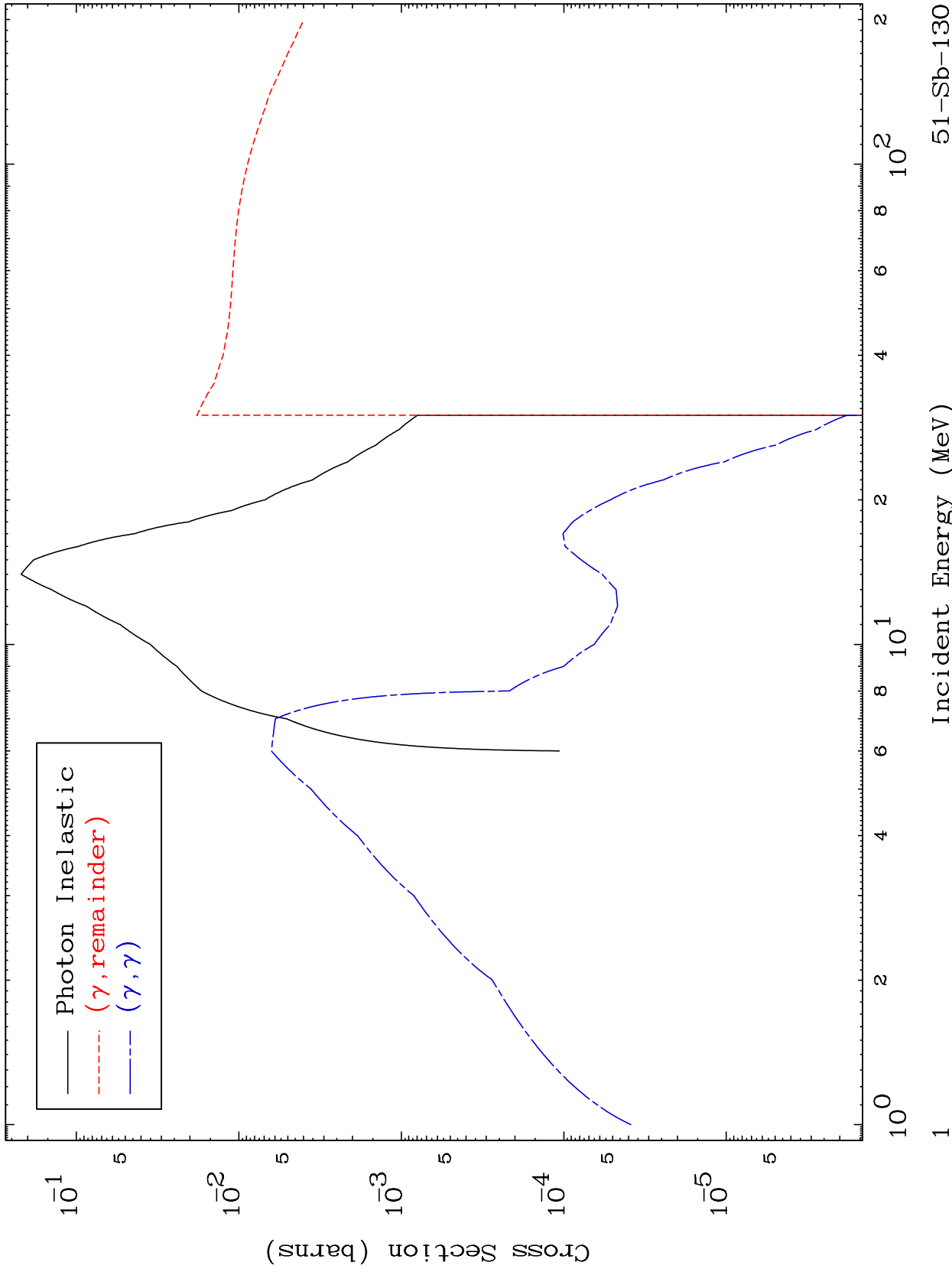
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

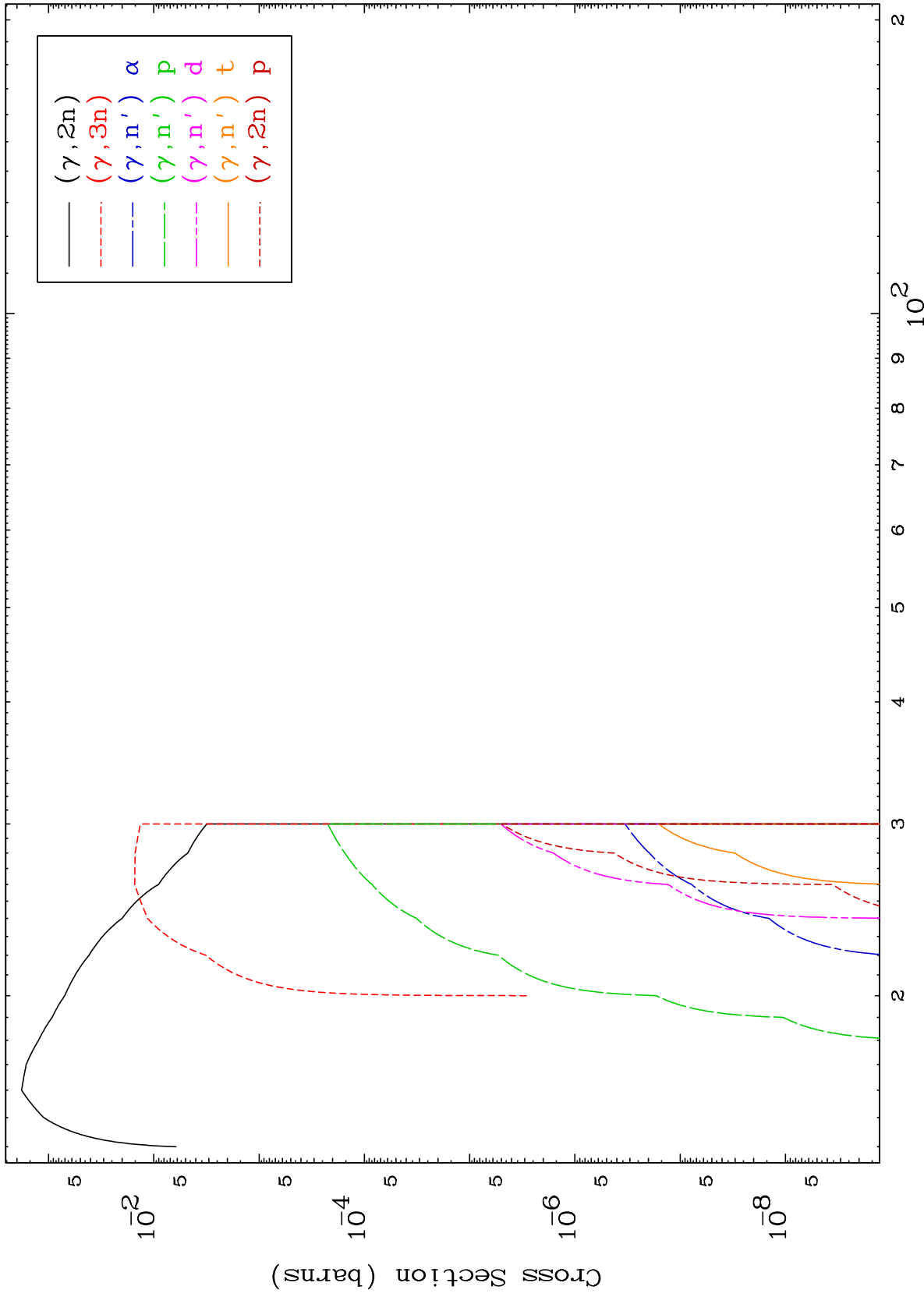
MAT 5152

Photon Major
0 Kelvin Cross Sections

51-Sb-130



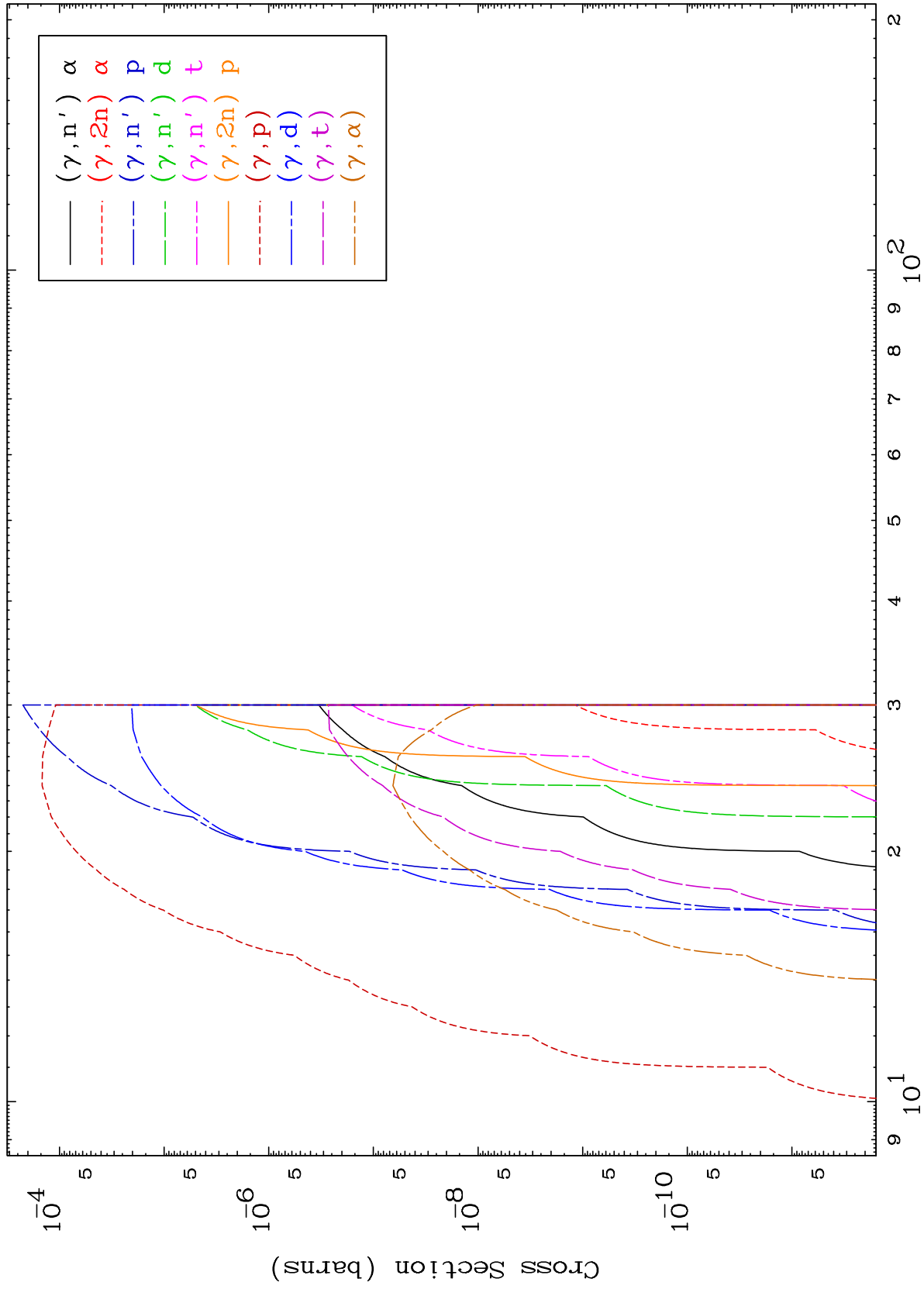
51-Sb-130



MAT 5152

Photon Charged Particle
0 Kelvin Cross Sections

51-Sb-130



3

Incident Energy (MeV)

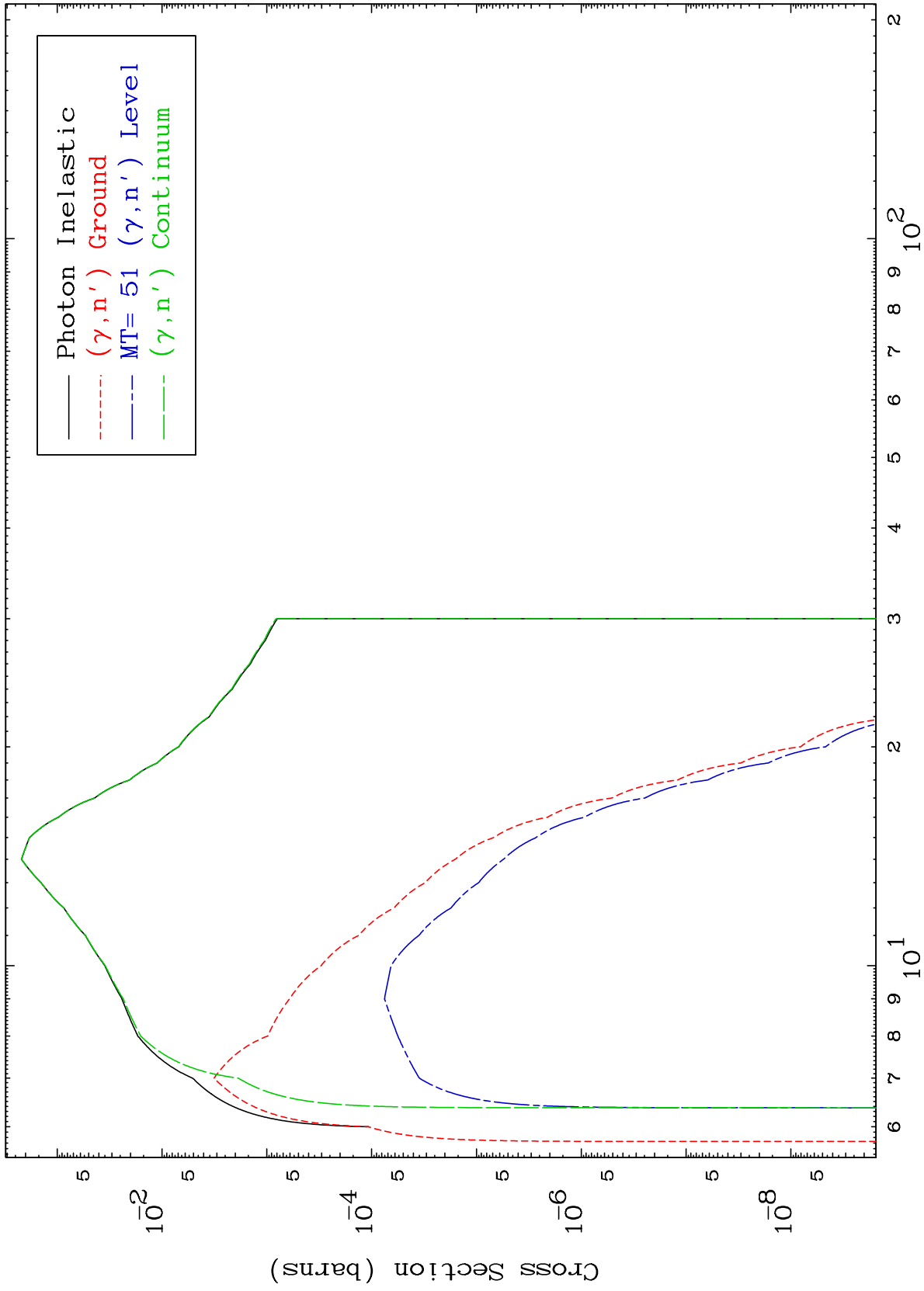
51-Sb-130

MAT 5152

(γ, n') Level

51-Sb-130

0 Kelvin Cross Sections



4

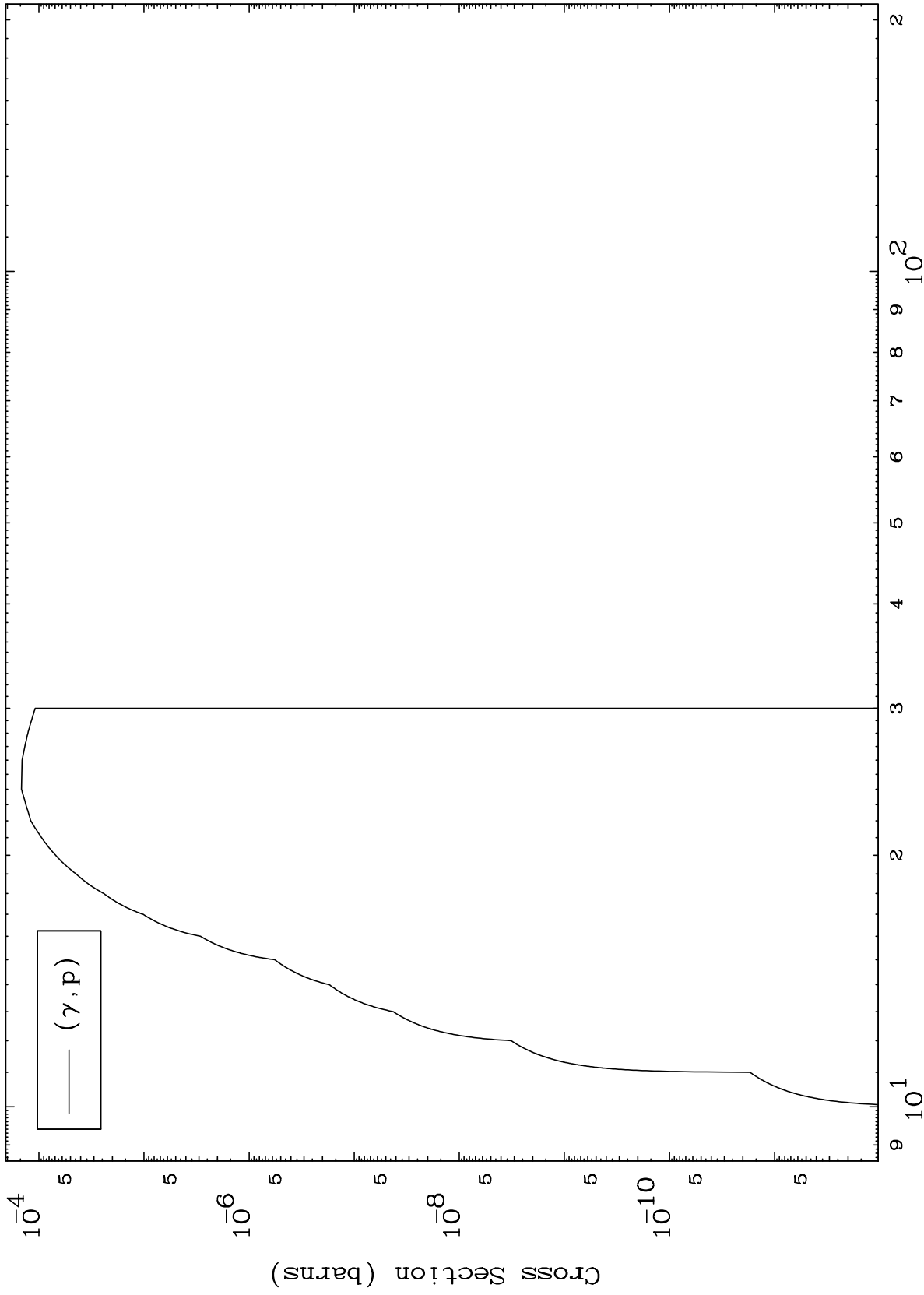
Incident Energy (MeV)

51-Sb-130

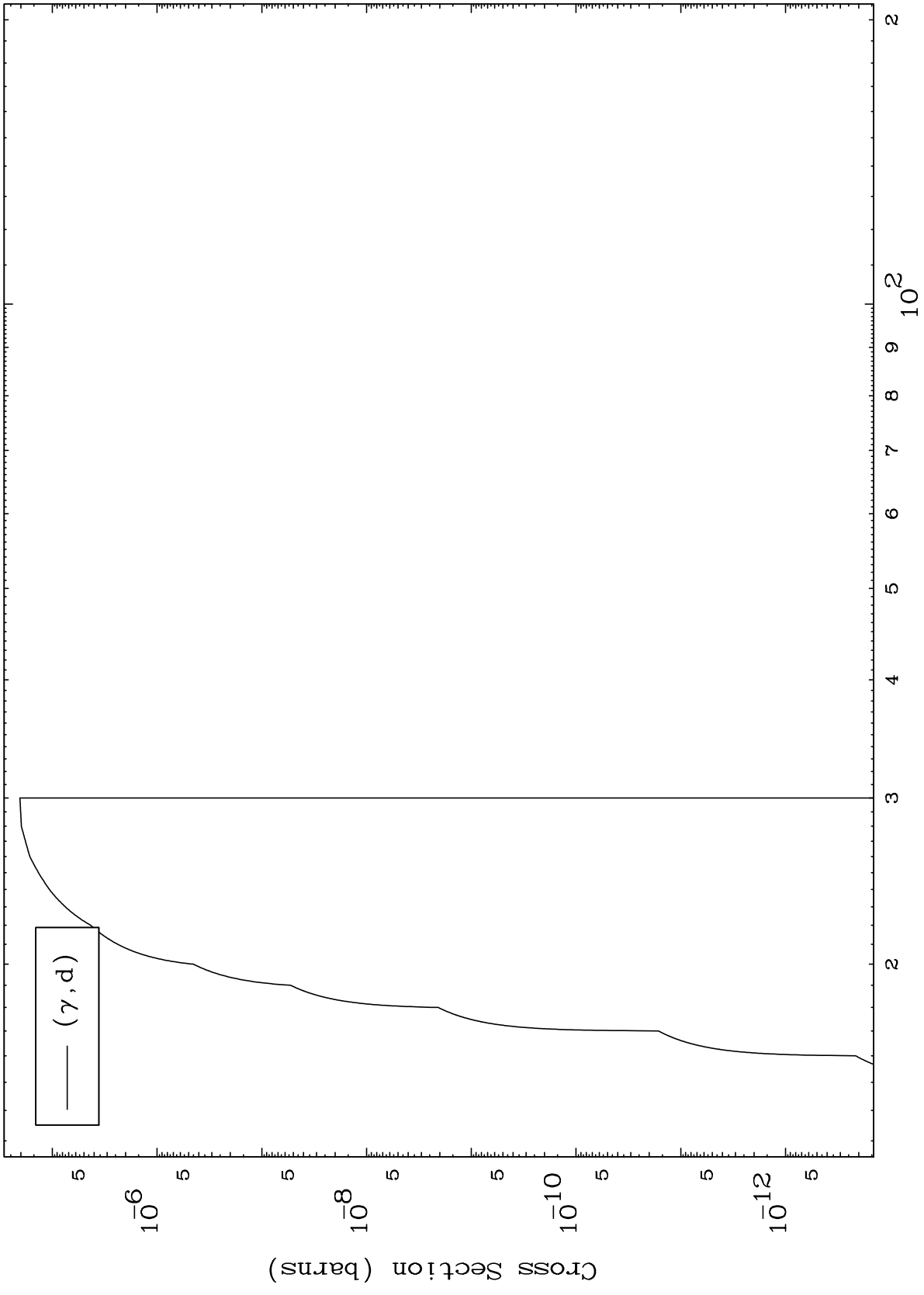
MAT 5152

(γ, p) Levels
0 Kelvin Cross Sections

51-Sb-130



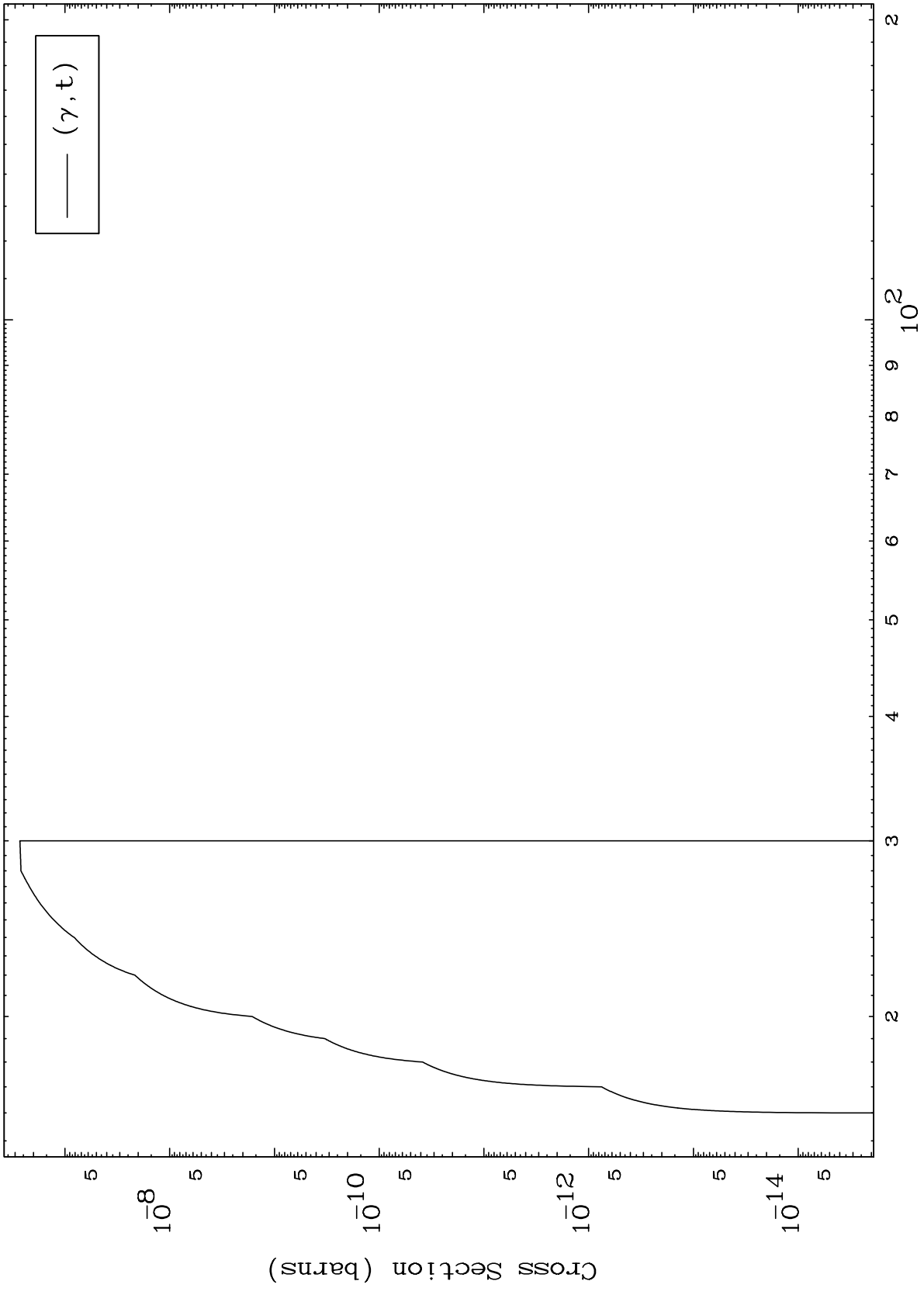
5



MAT 5152

(γ, t) Levels
0 Kelvin Cross Sections

51-Sb-130



7

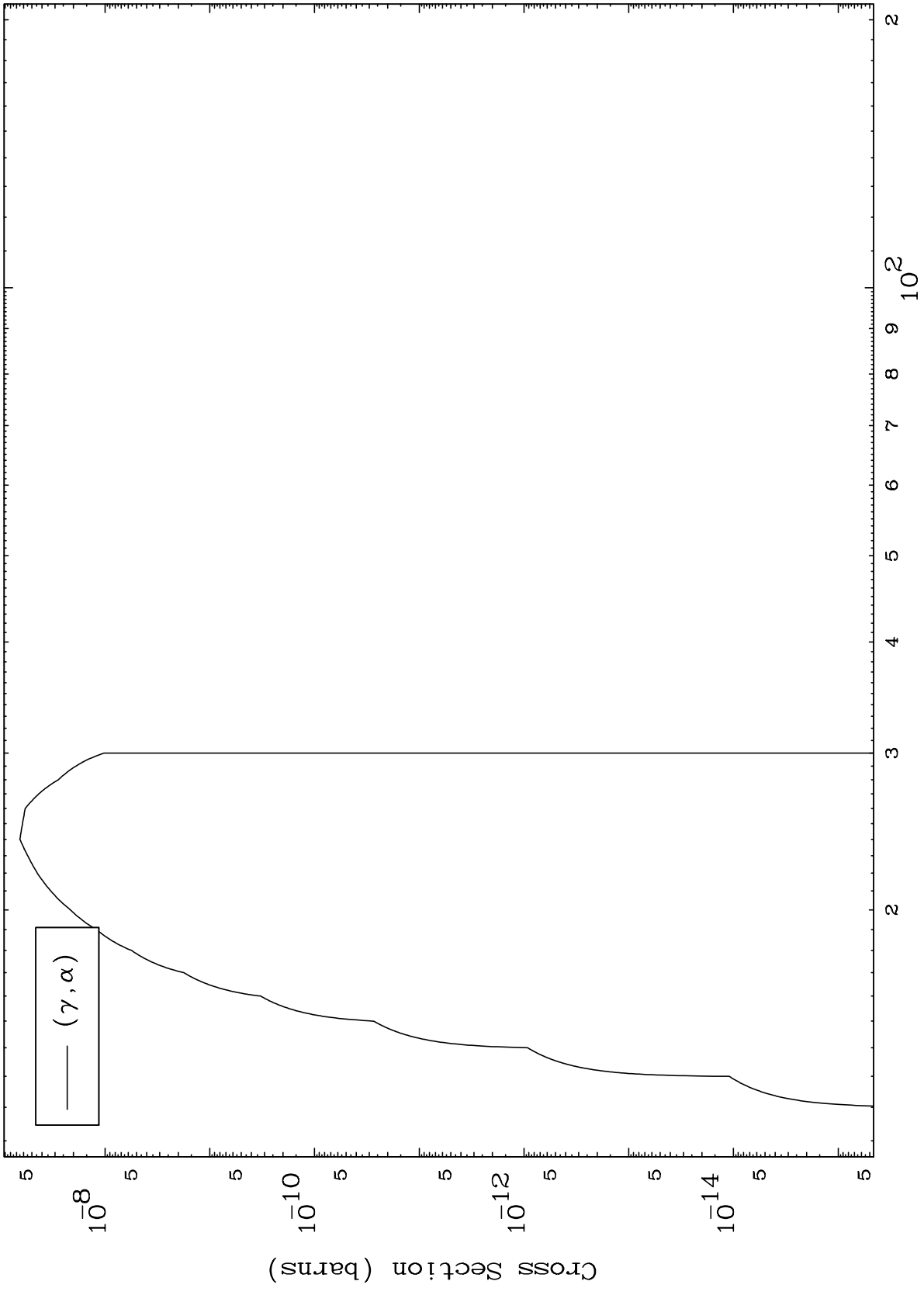
Incident Energy (MeV)

51-Sb-130

MAT 5152

(γ, α) Levels
0 Kelvin Cross Sections

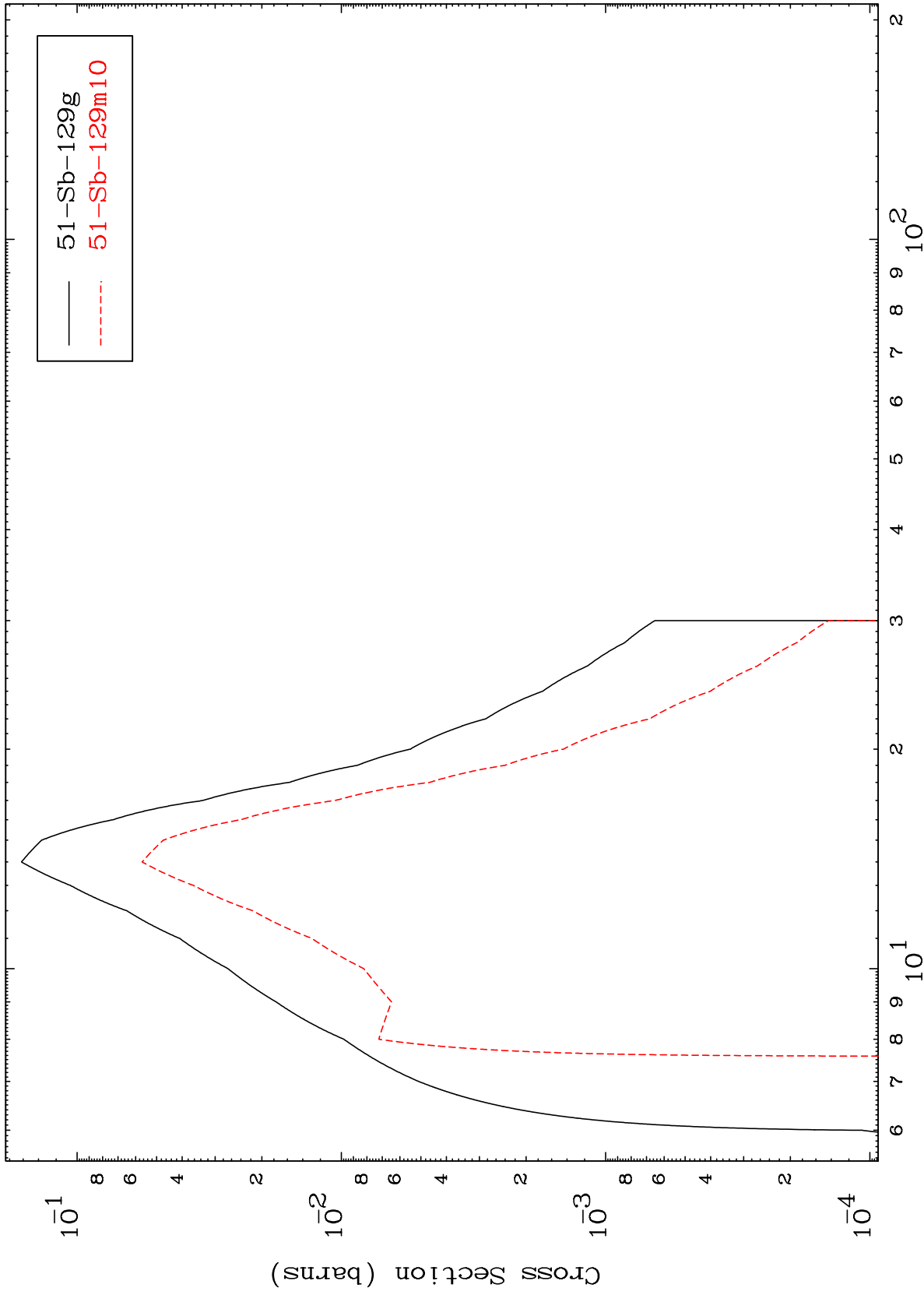
51-Sb-130



8

Incident Energy (MeV)

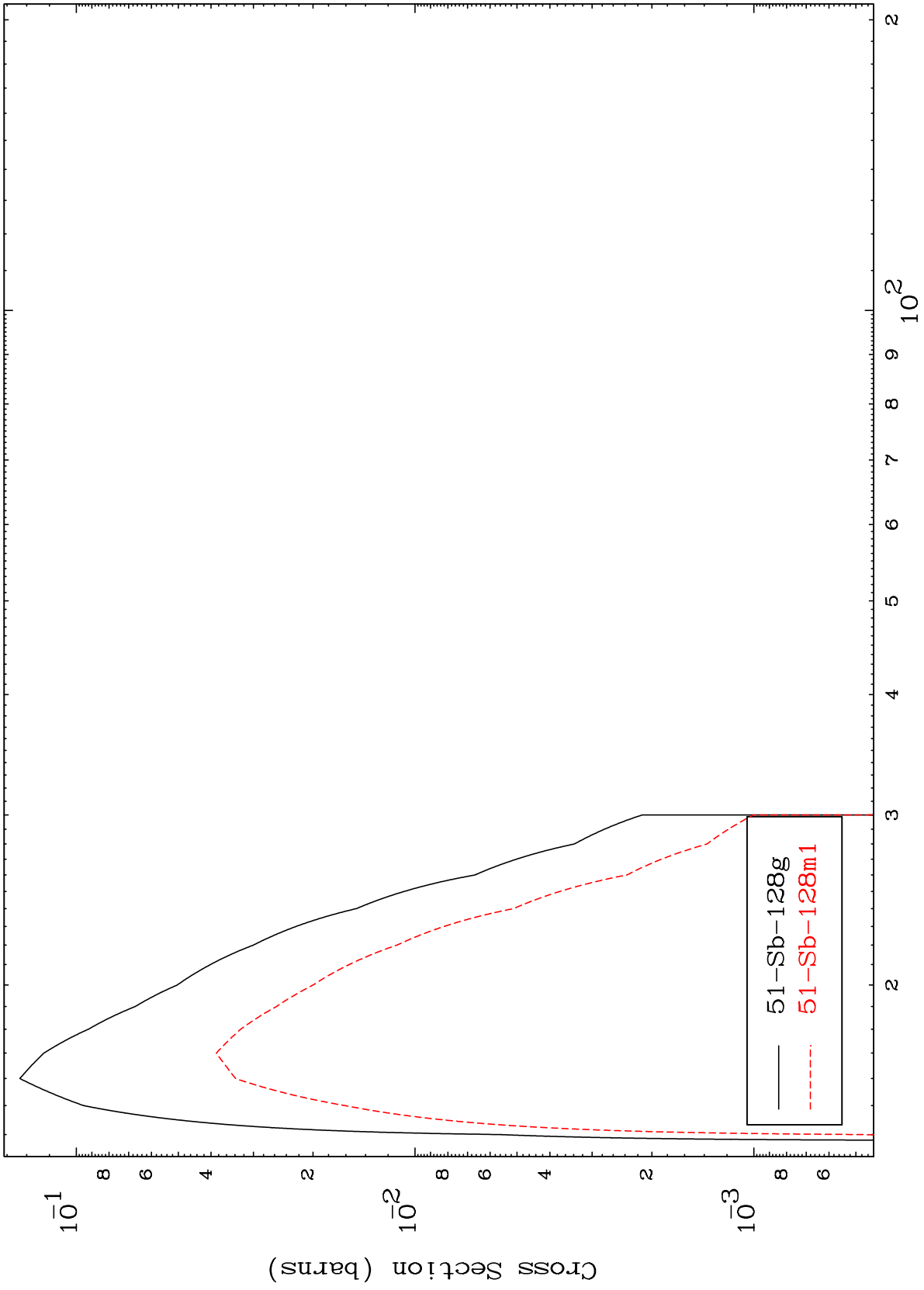
51-Sb-130



MAT 5152

51-Sb-130

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



10

Incident Energy (MeV)

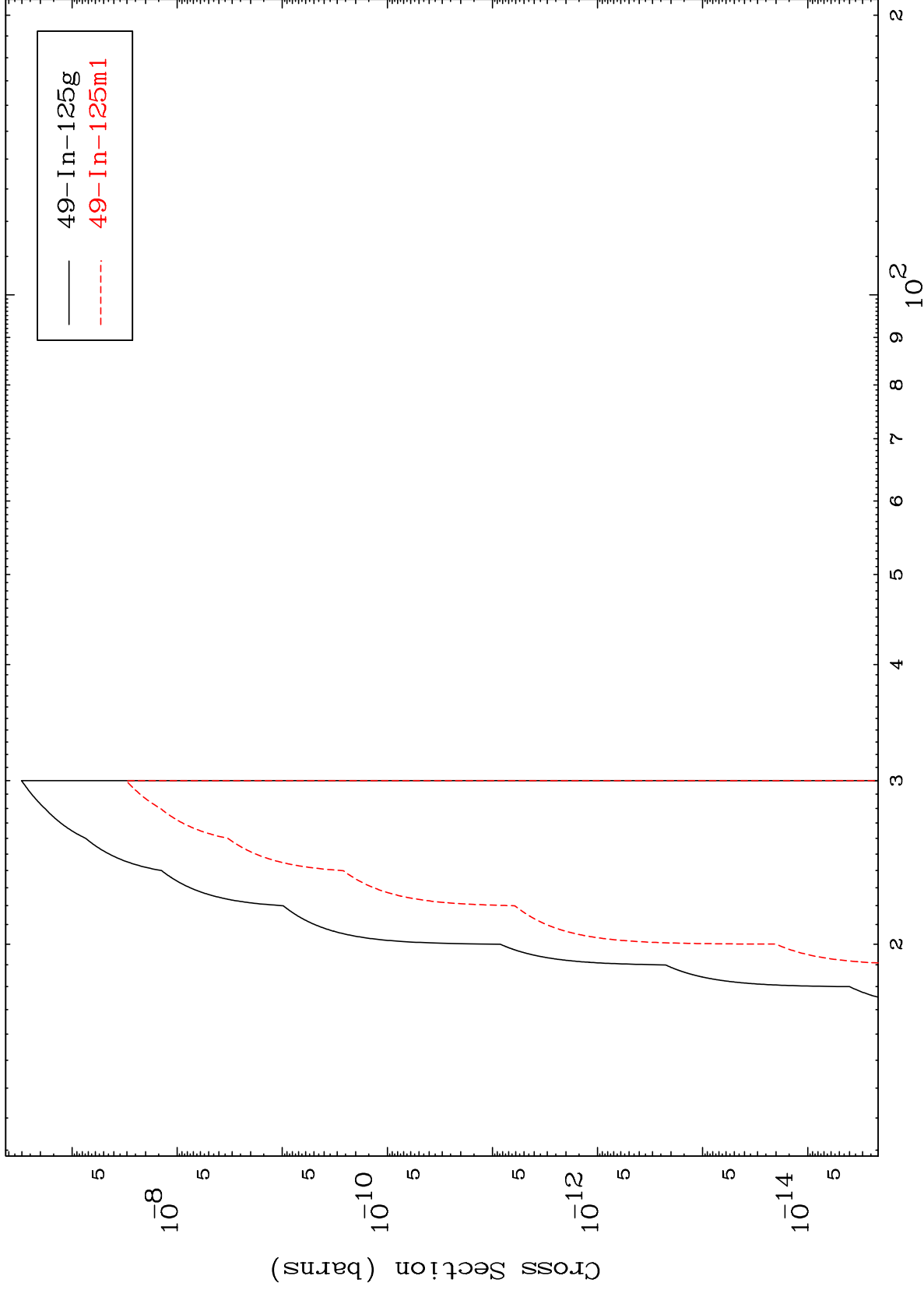
51-Sb-130

MAT 5152

(γ, n') α

51-Sb-130

Radionuclide Production Cross Section



11

Incident Energy (MeV)

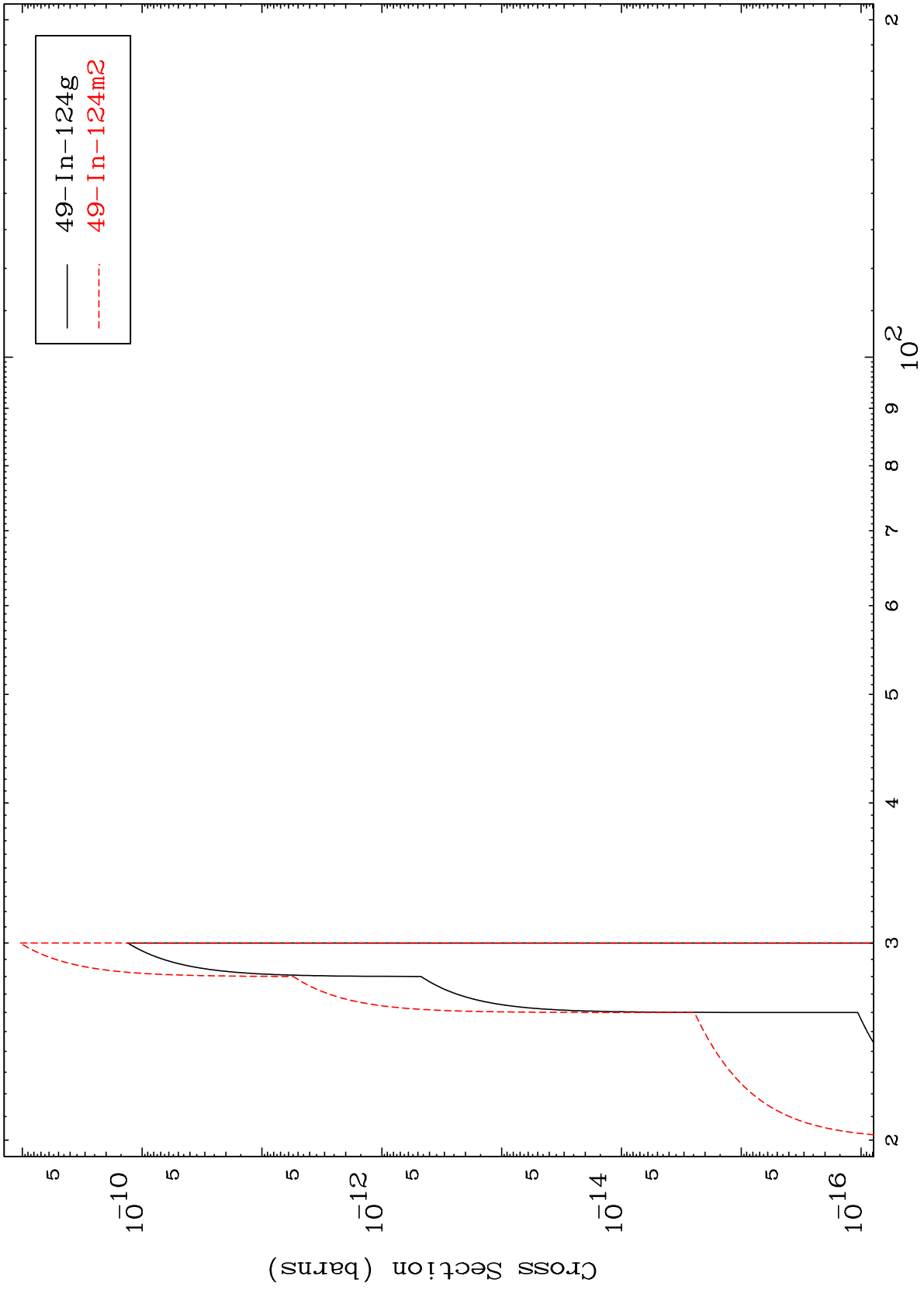
51-Sb-130

MAT 5152

$(\gamma, 2n) \alpha$

51-Sb-130

Radionuclide Production Cross Section



12

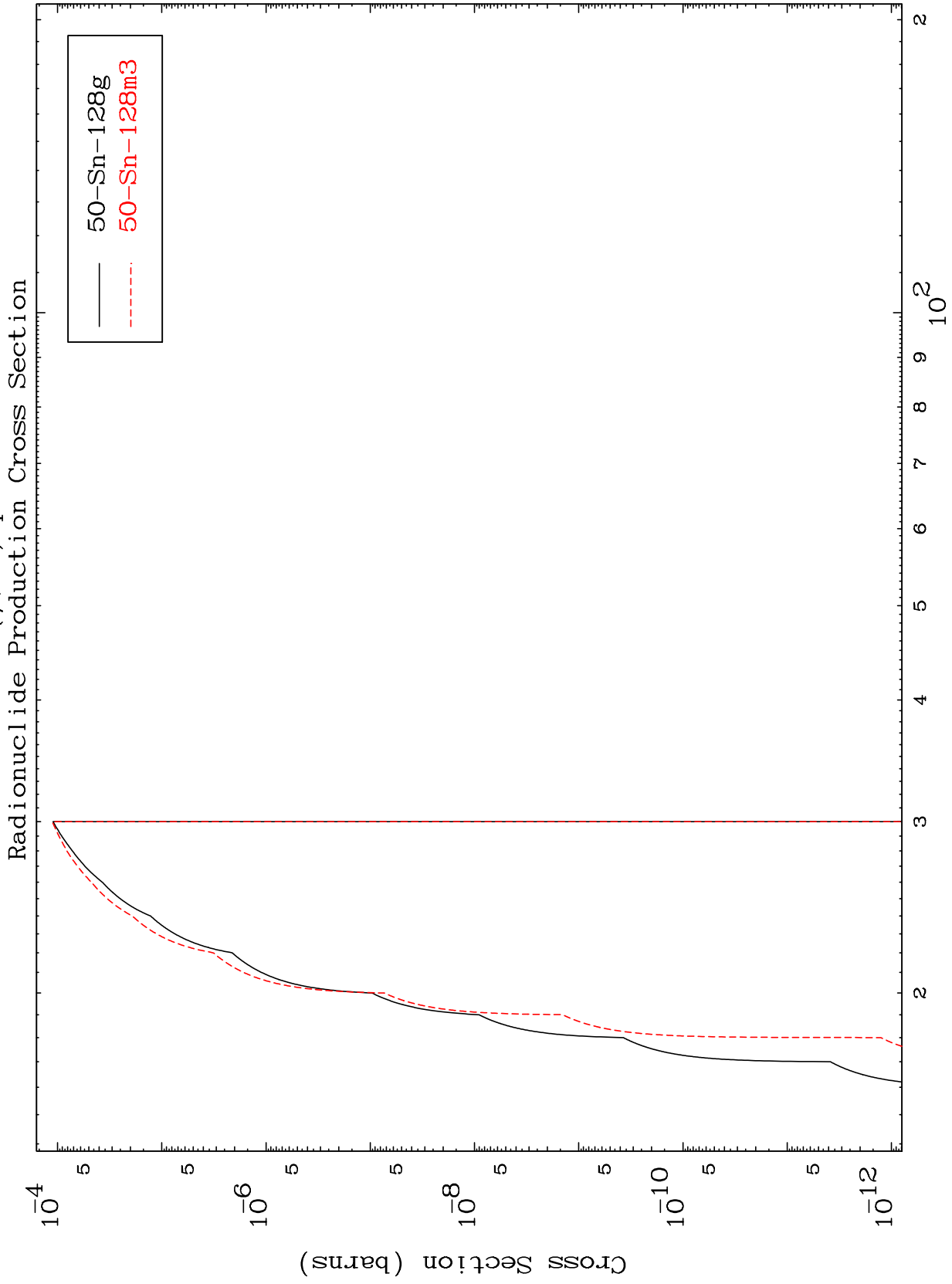
Incident Energy (MeV)

51-Sb-130

MAT 5152

(γ, n') p

51-Sb-130



13

Incident Energy (MeV)

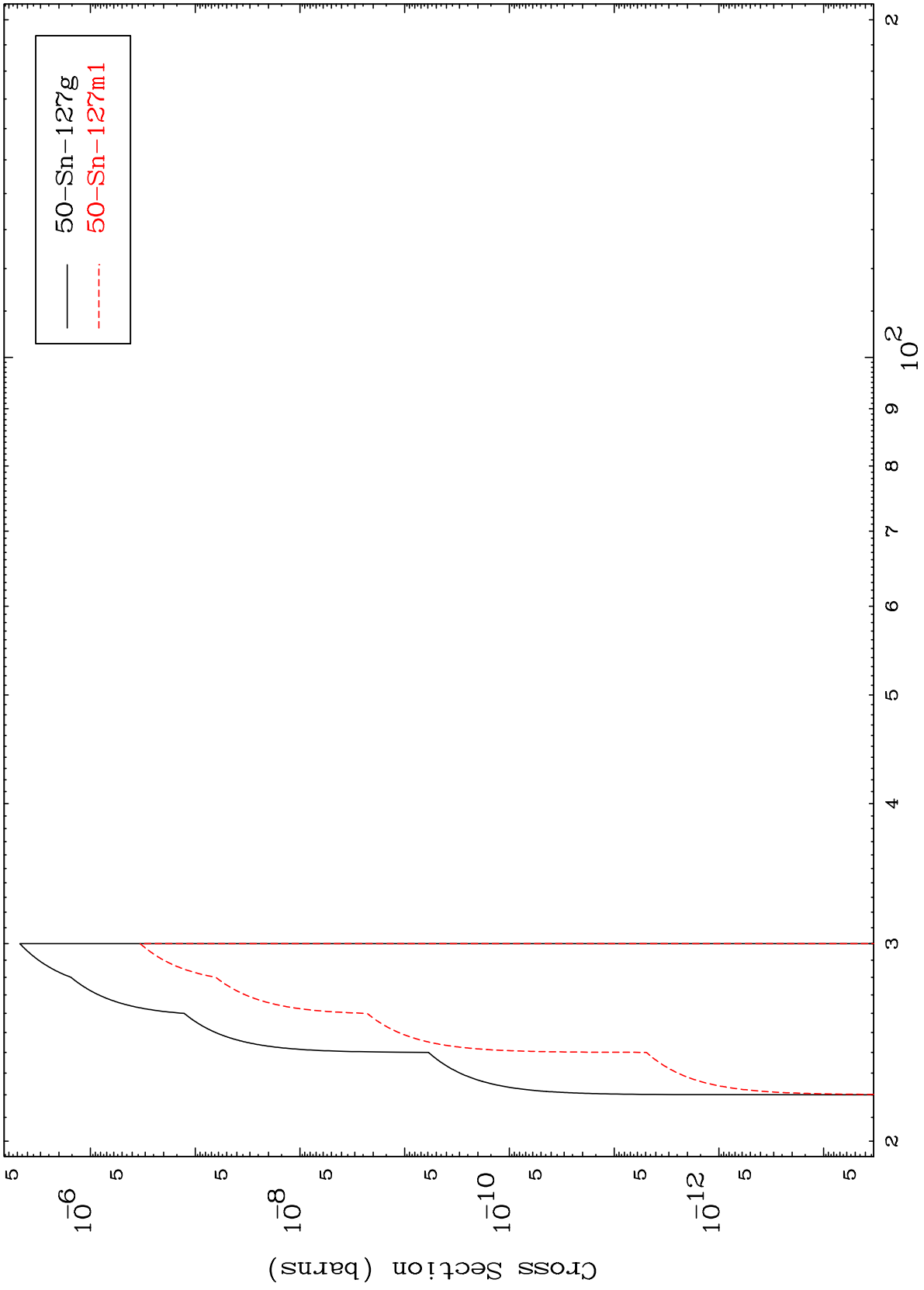
51-Sb-130

MAT 5152

(γ, n') d

51-Sb-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

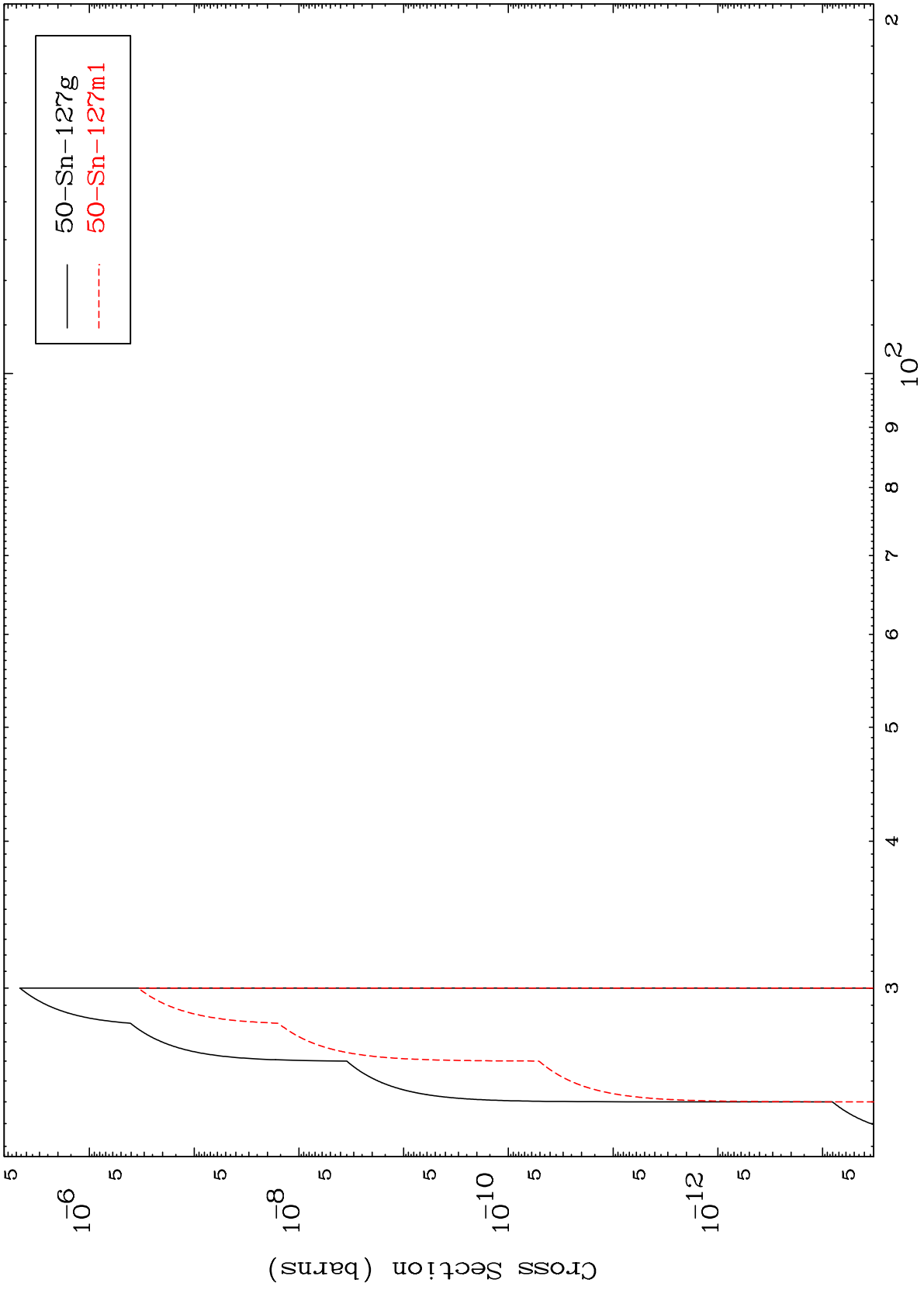
51-Sb-130

MAT 5152

($\gamma, 2n$) p

51-Sb-130

Radionuclide Production Cross Section



15

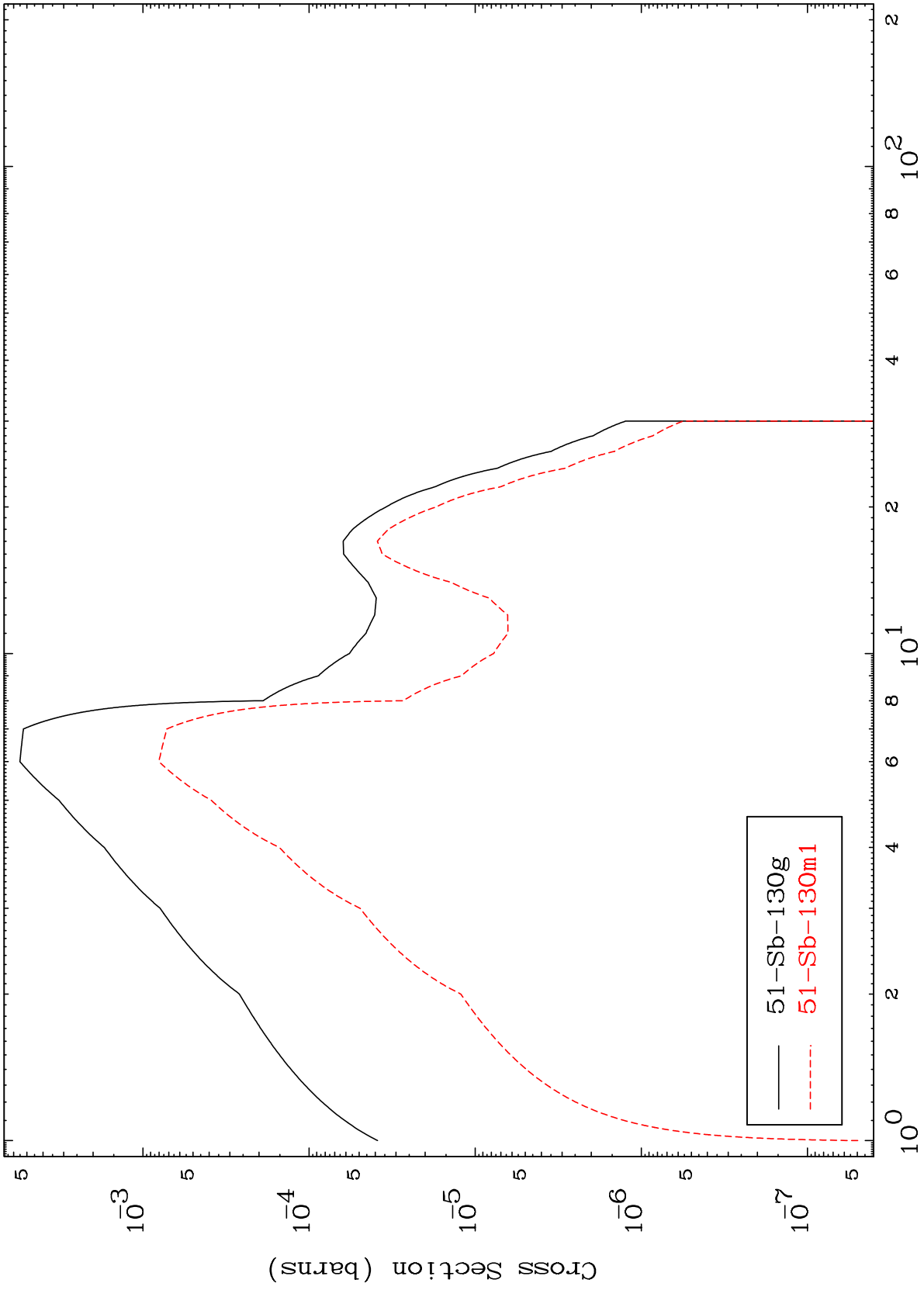
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

Radionuclide Production Cross Section
(γ, γ)



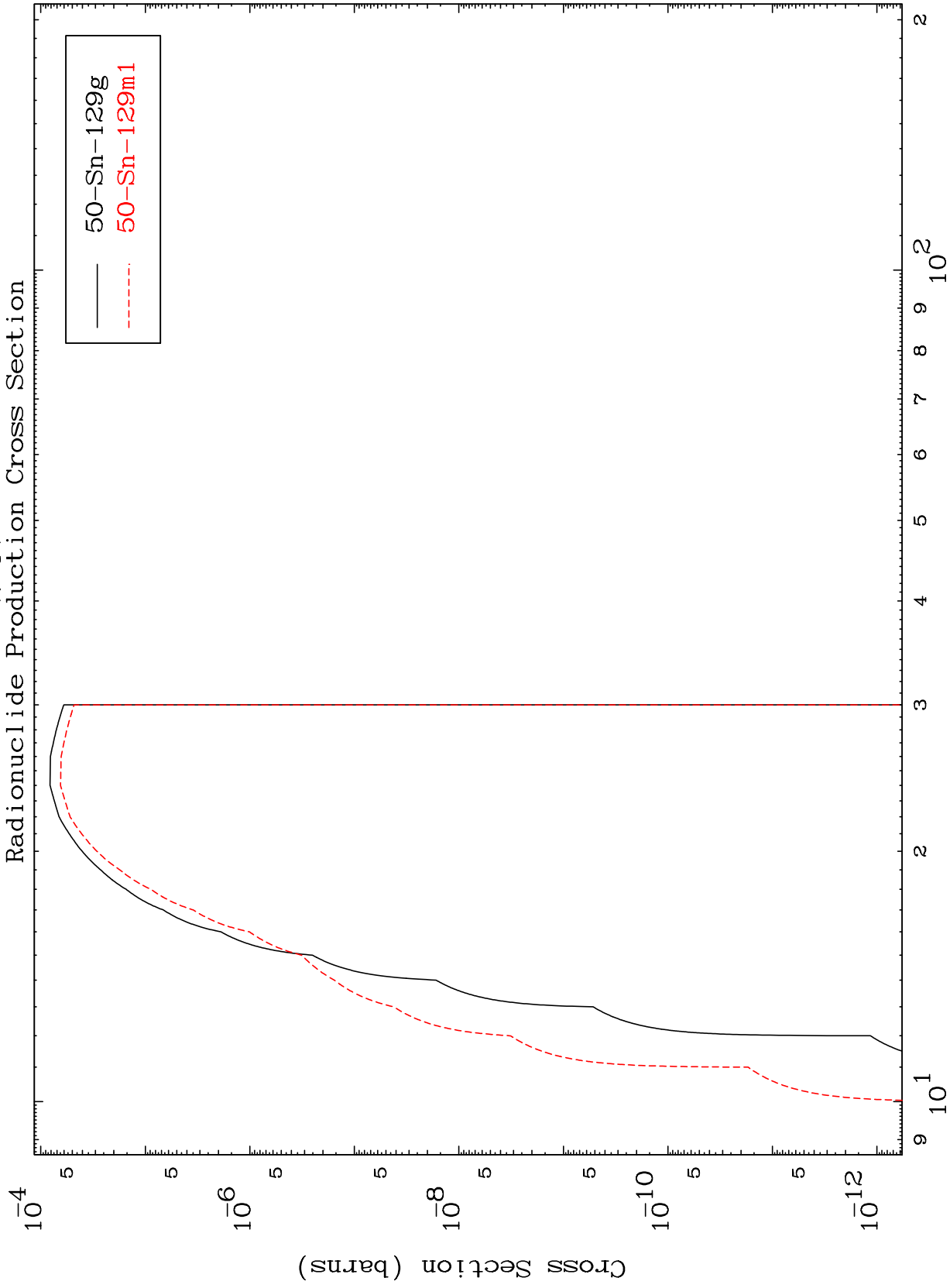
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

Radionuclide Production Cross Section
(γ, p)



17

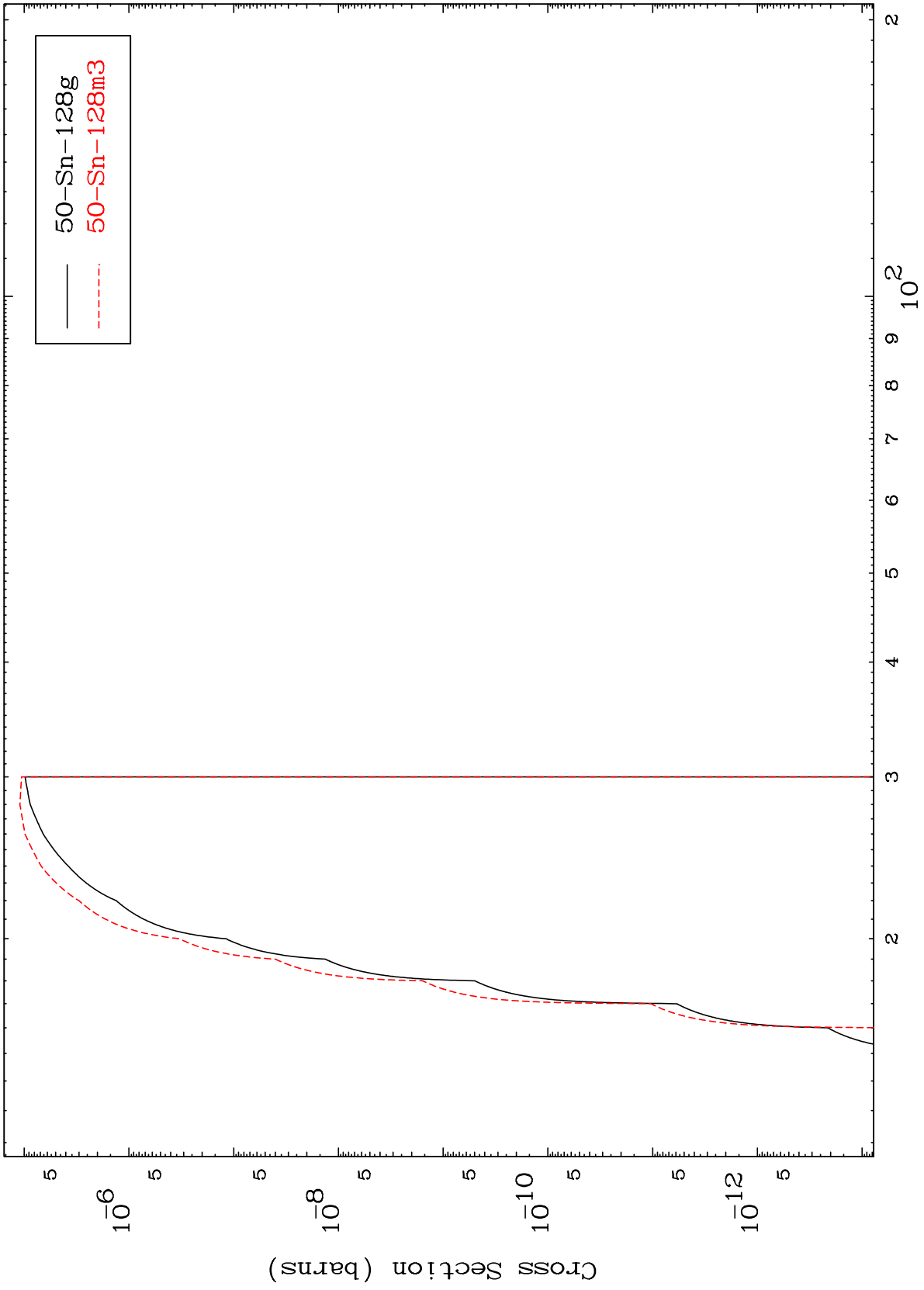
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(γ, d)
Radionuclide Production Cross Section



18

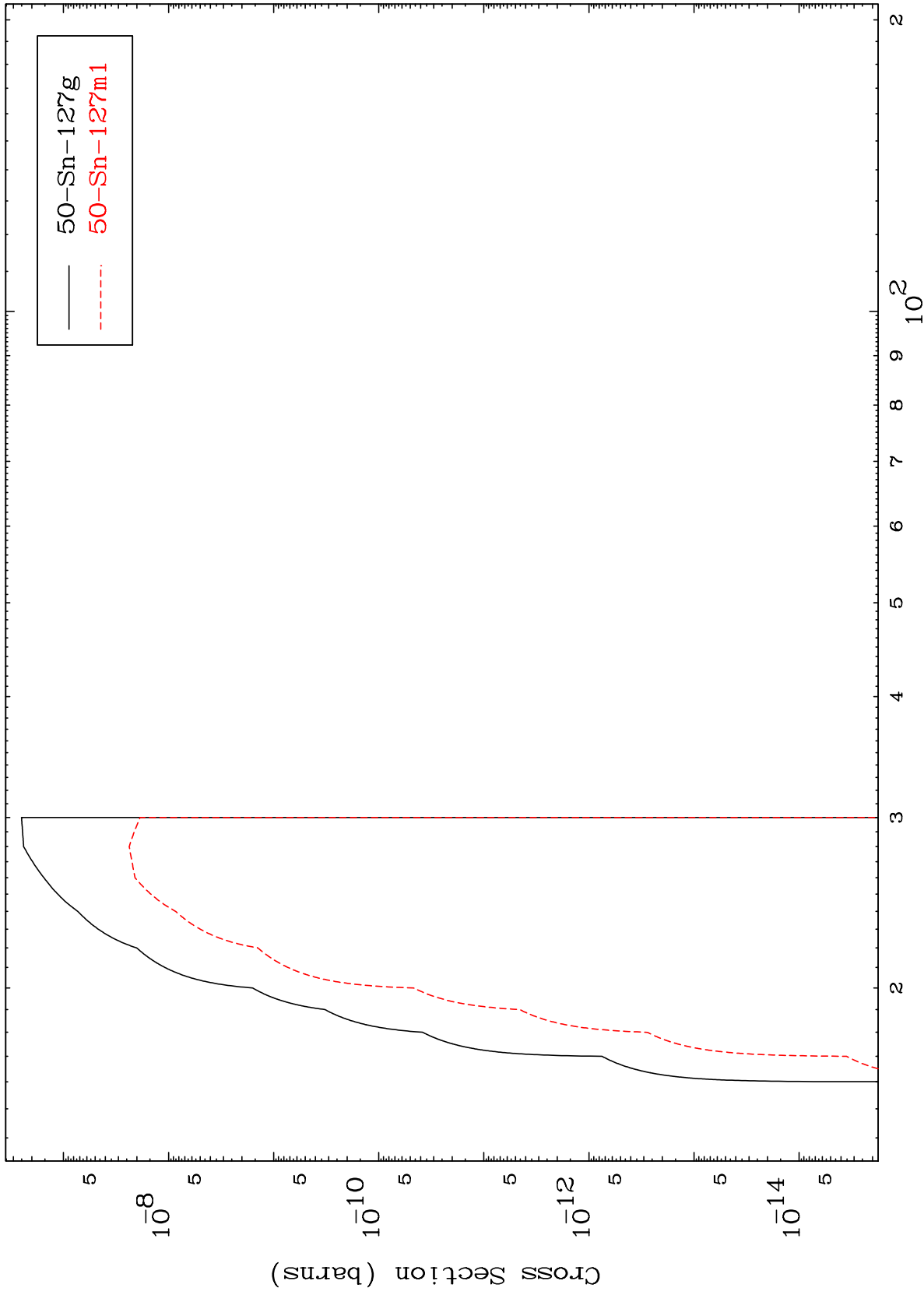
51-Sb-130

Incident Energy (MeV)

MAT 5152

51-Sb-130

(γ, t)
Radionuclide Production Cross Section



19

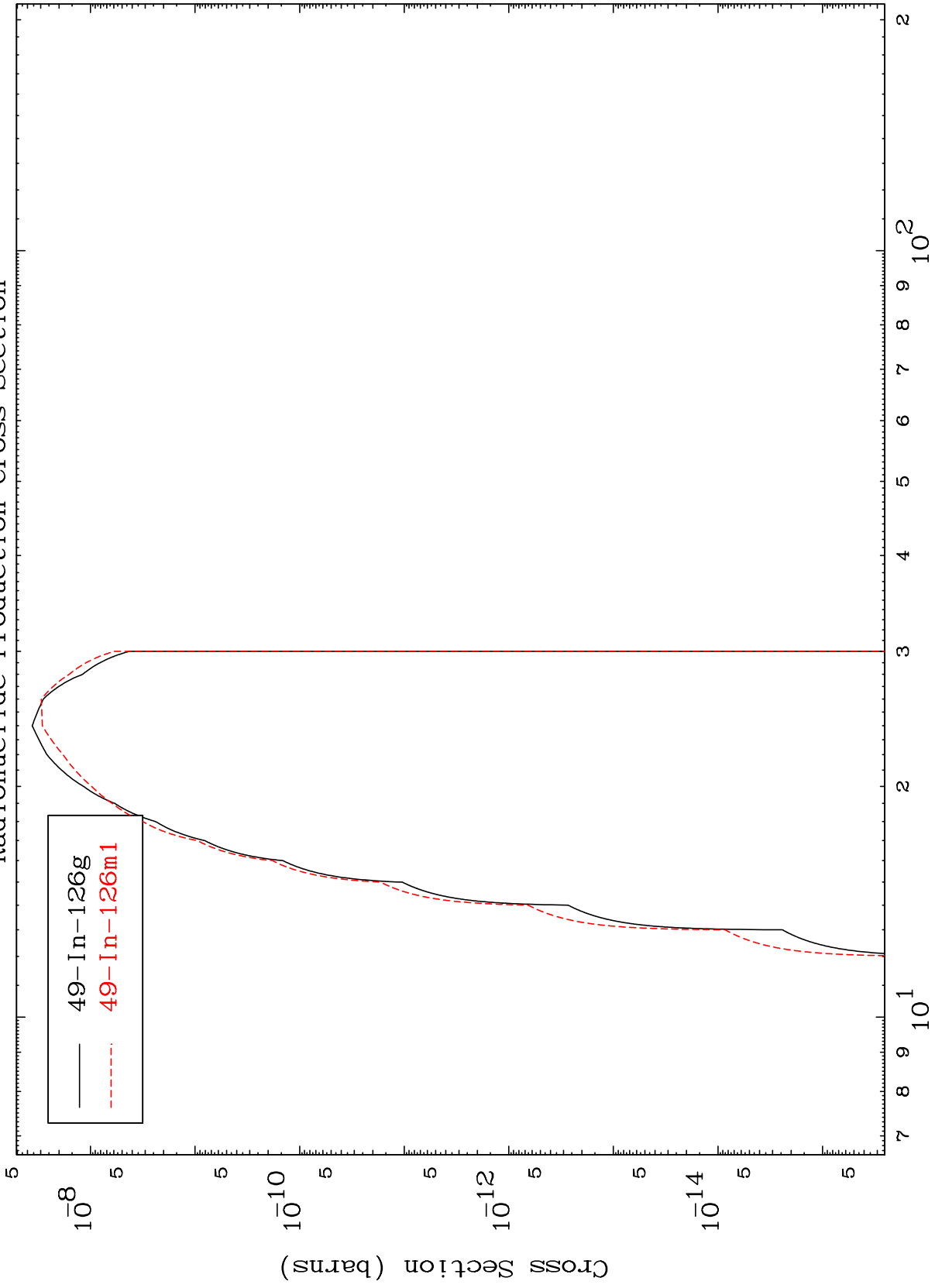
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

Radionuclide Production Cross Section
(γ, α)



20

Incident Energy (MeV)

51-Sb-130