

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

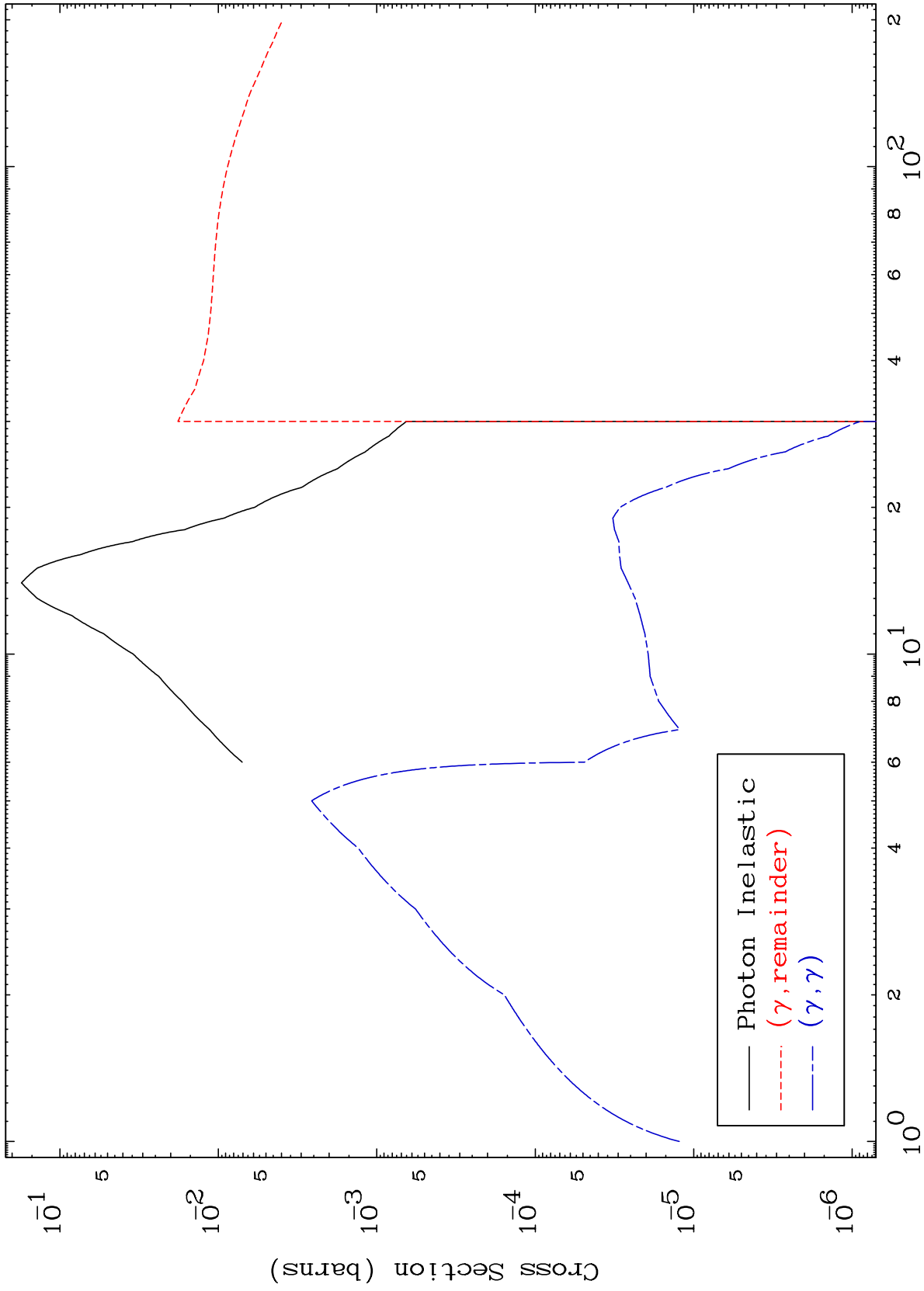
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5076

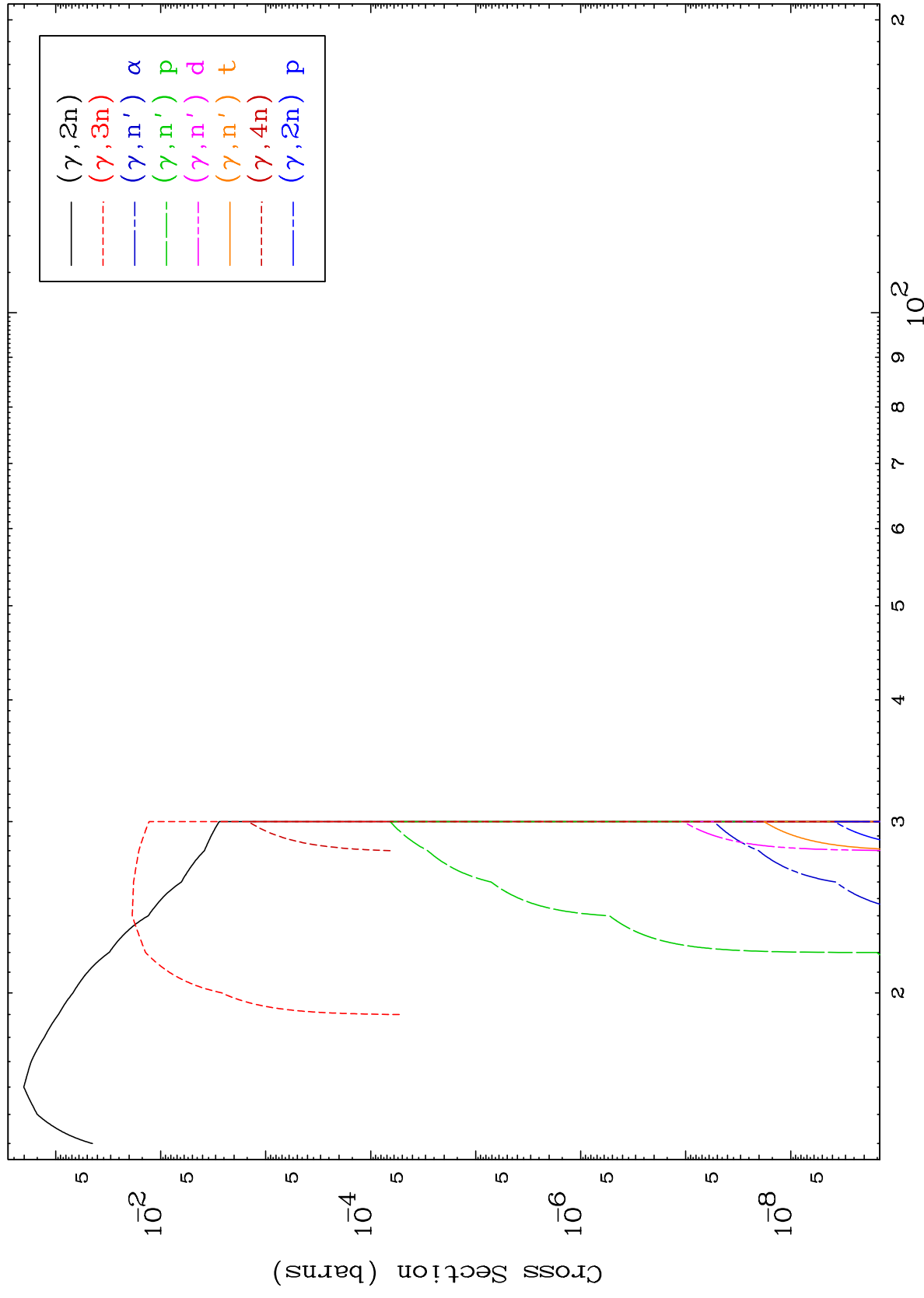
Photon Major
0 Kelvin Cross Sections

50-Sn-129



Incident Energy (MeV)

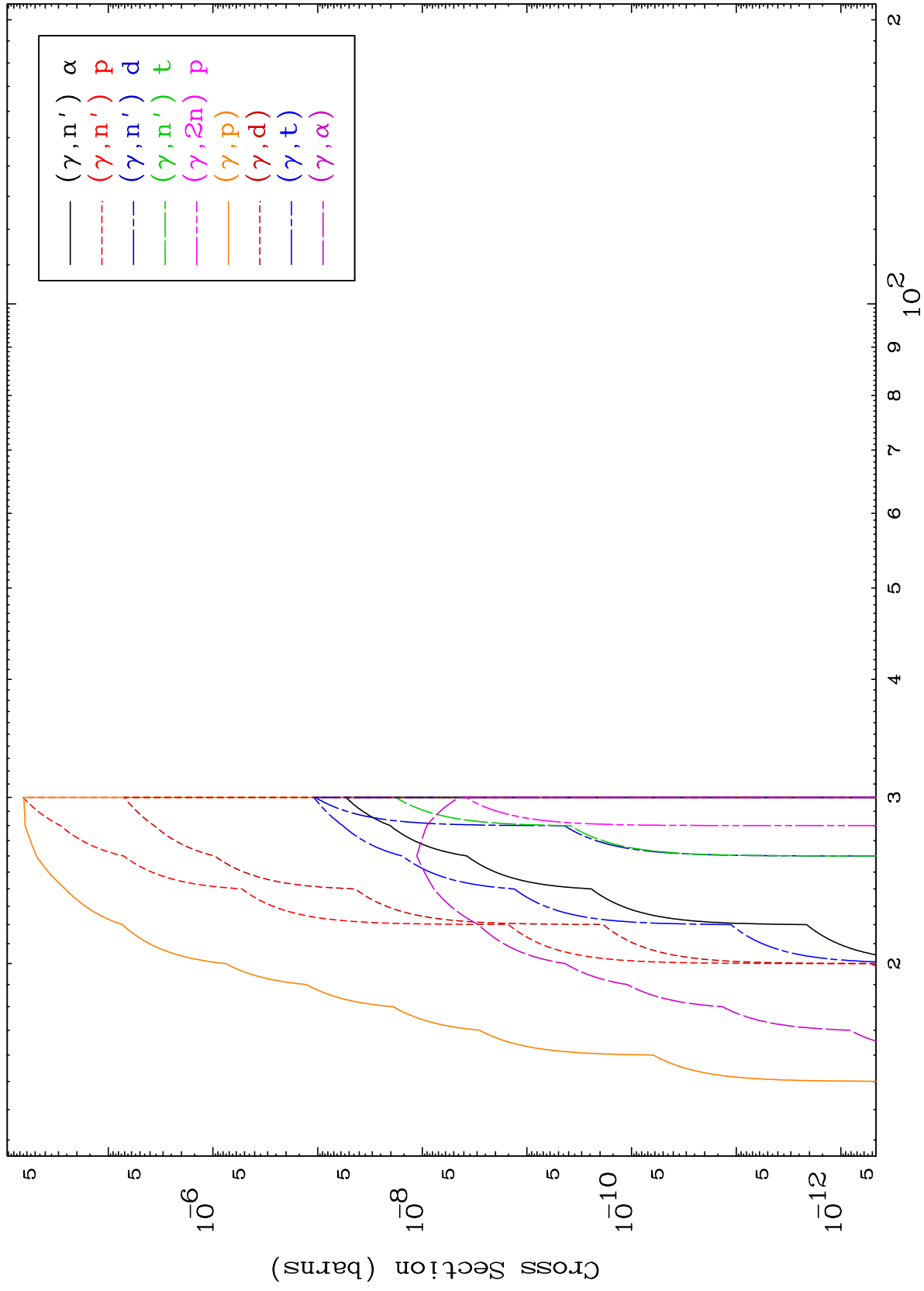
50-Sn-129



MAT 5076

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-129



3

Incident Energy (MeV)

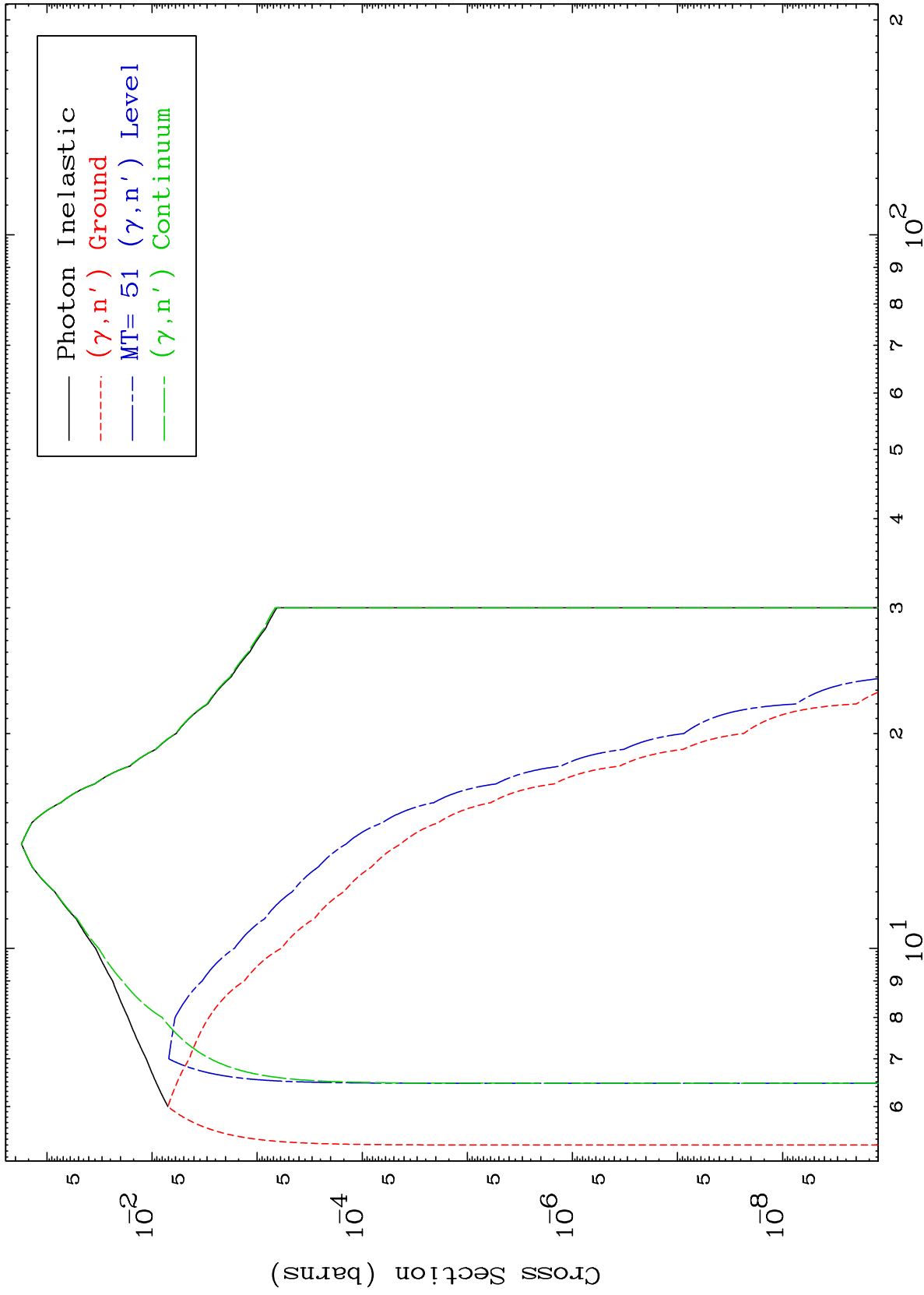
50-Sn-129

MAT 5076

(γ, n') Level

50-Sn-129

0 Kelvin Cross Sections



4

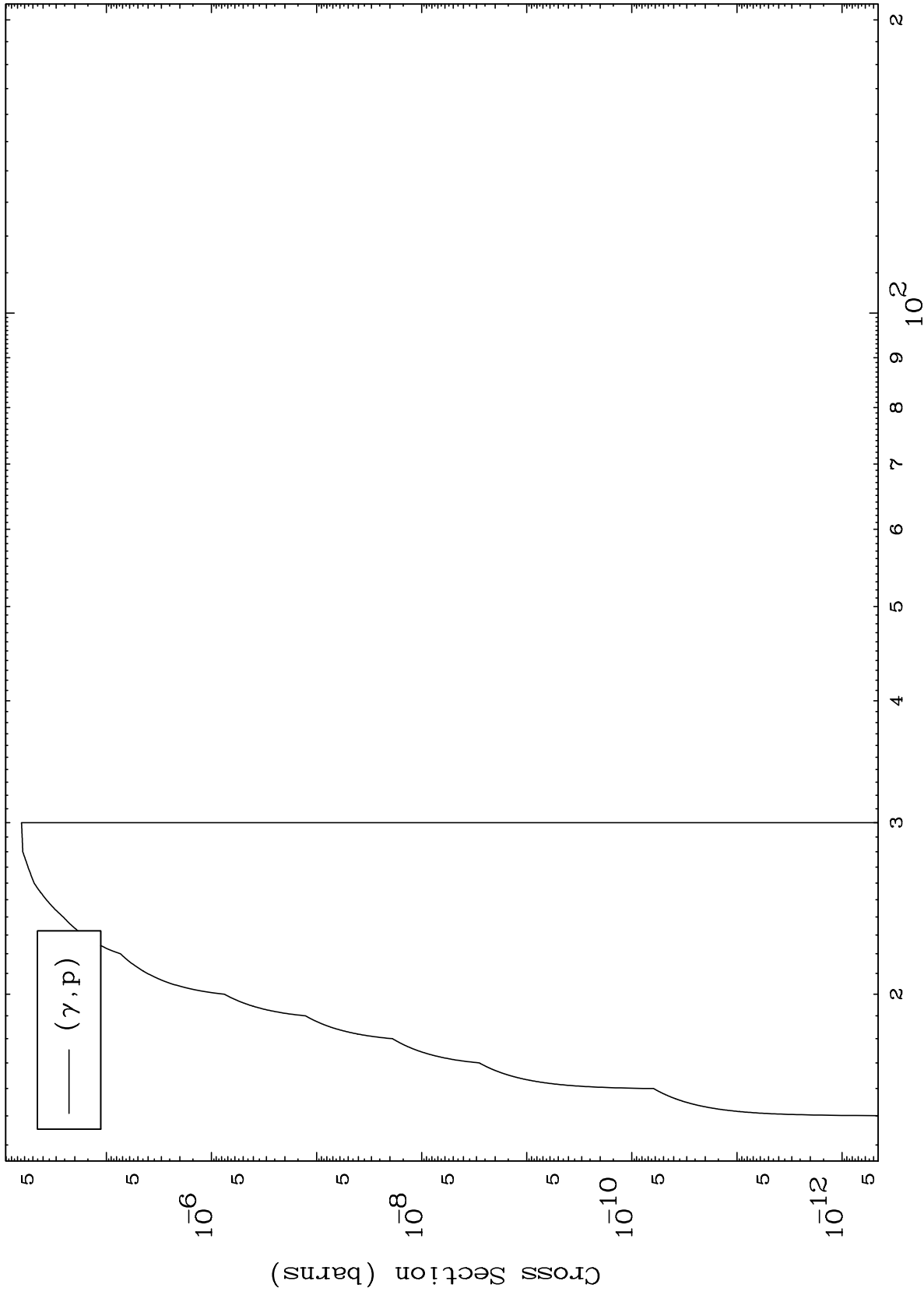
Incident Energy (MeV)

50-Sn-129

MAT 5076

(γ, p) Levels
0 Kelvin Cross Sections

50-Sn-129



5

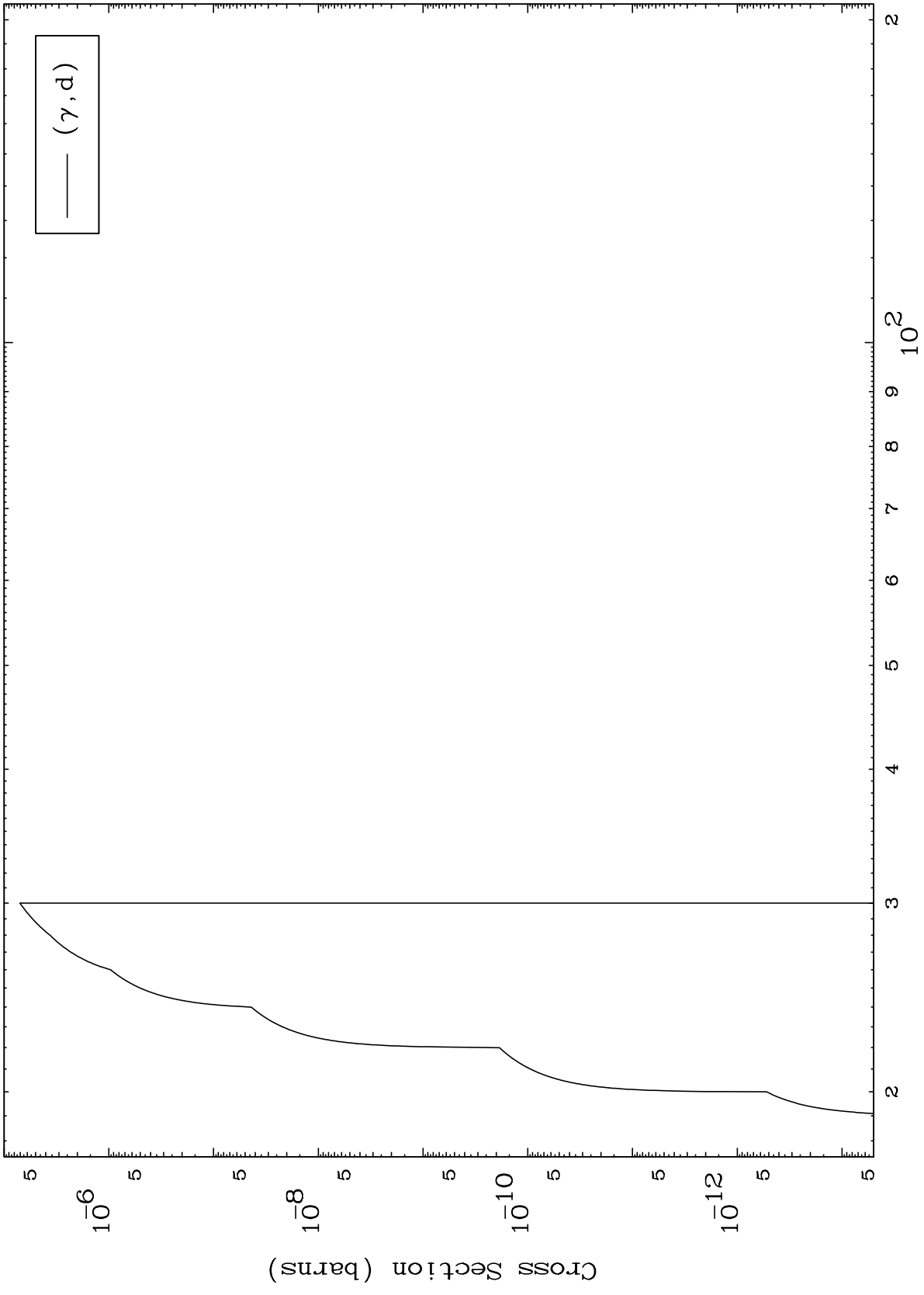
Incident Energy (MeV)

50-Sn-129

MAT 5076

(γ, d) Levels
0 Kelvin Cross Sections

50-Sn-129



6

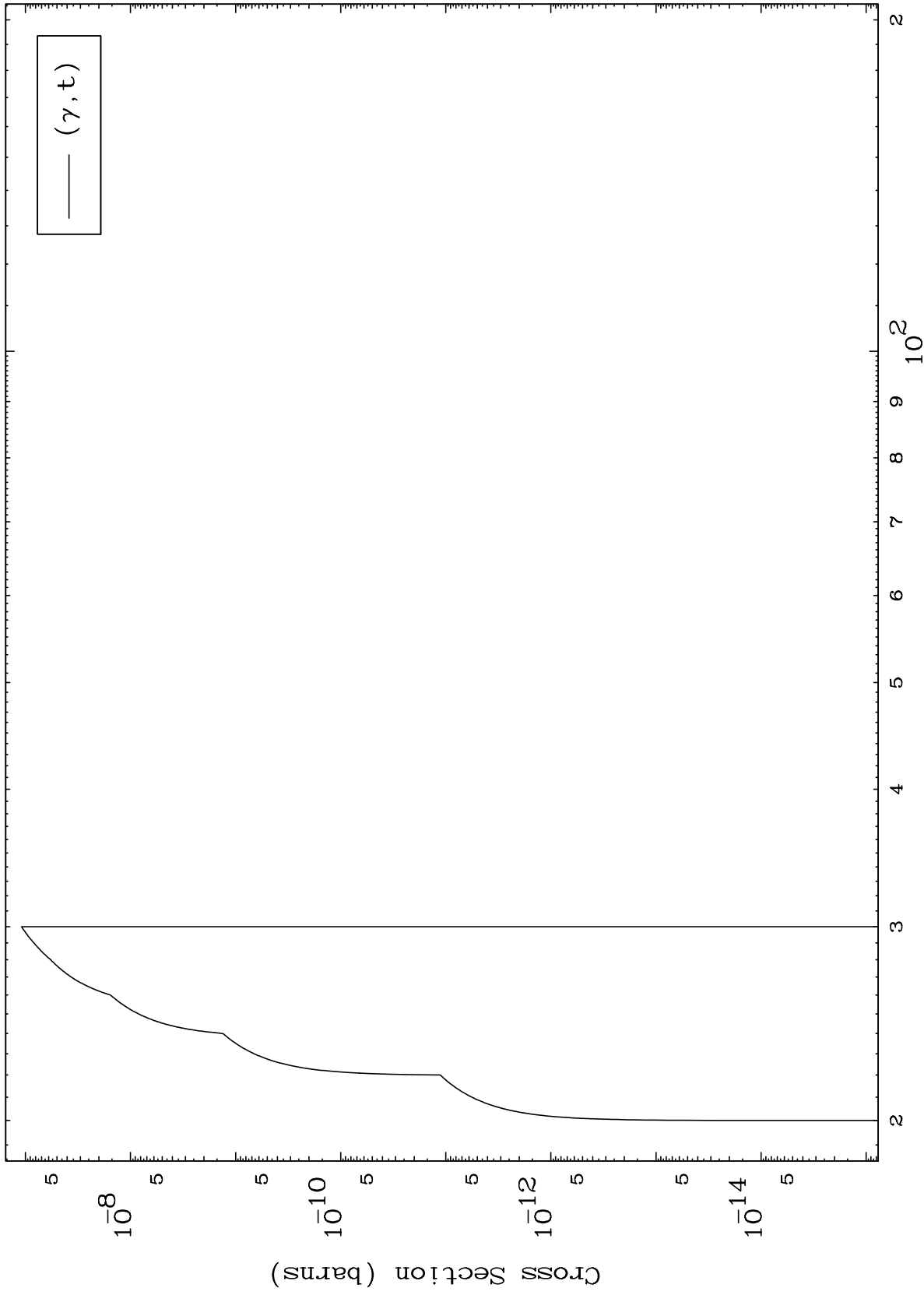
Incident Energy (MeV)

50-Sn-129

MAT 5076

(γ, t) Levels
0 Kelvin Cross Sections

50-Sn-129



7

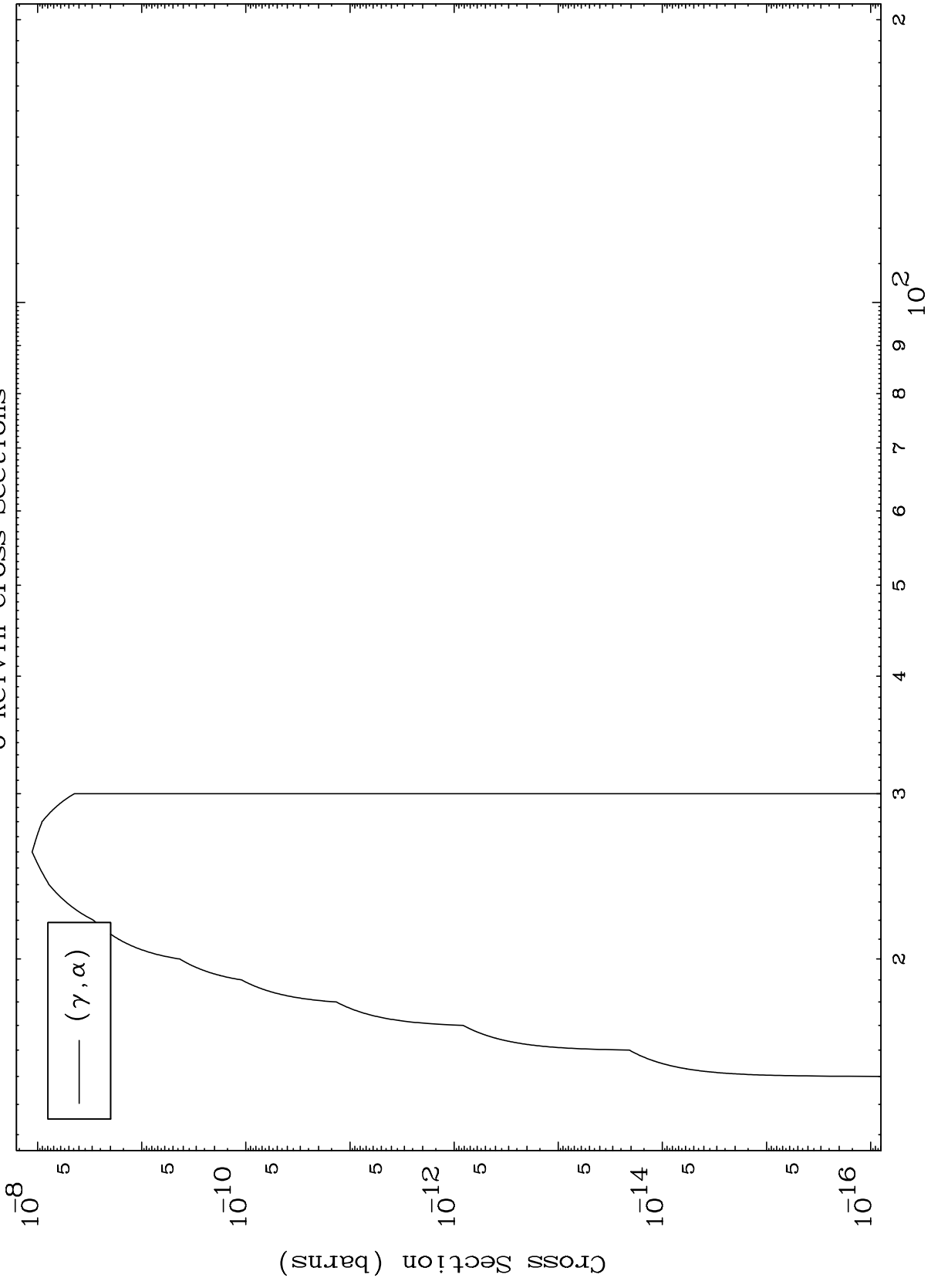
Incident Energy (MeV)

50-Sn-129

MAT 5076

(γ, α) Levels
0 Kelvin Cross Sections

50-Sn-129



8

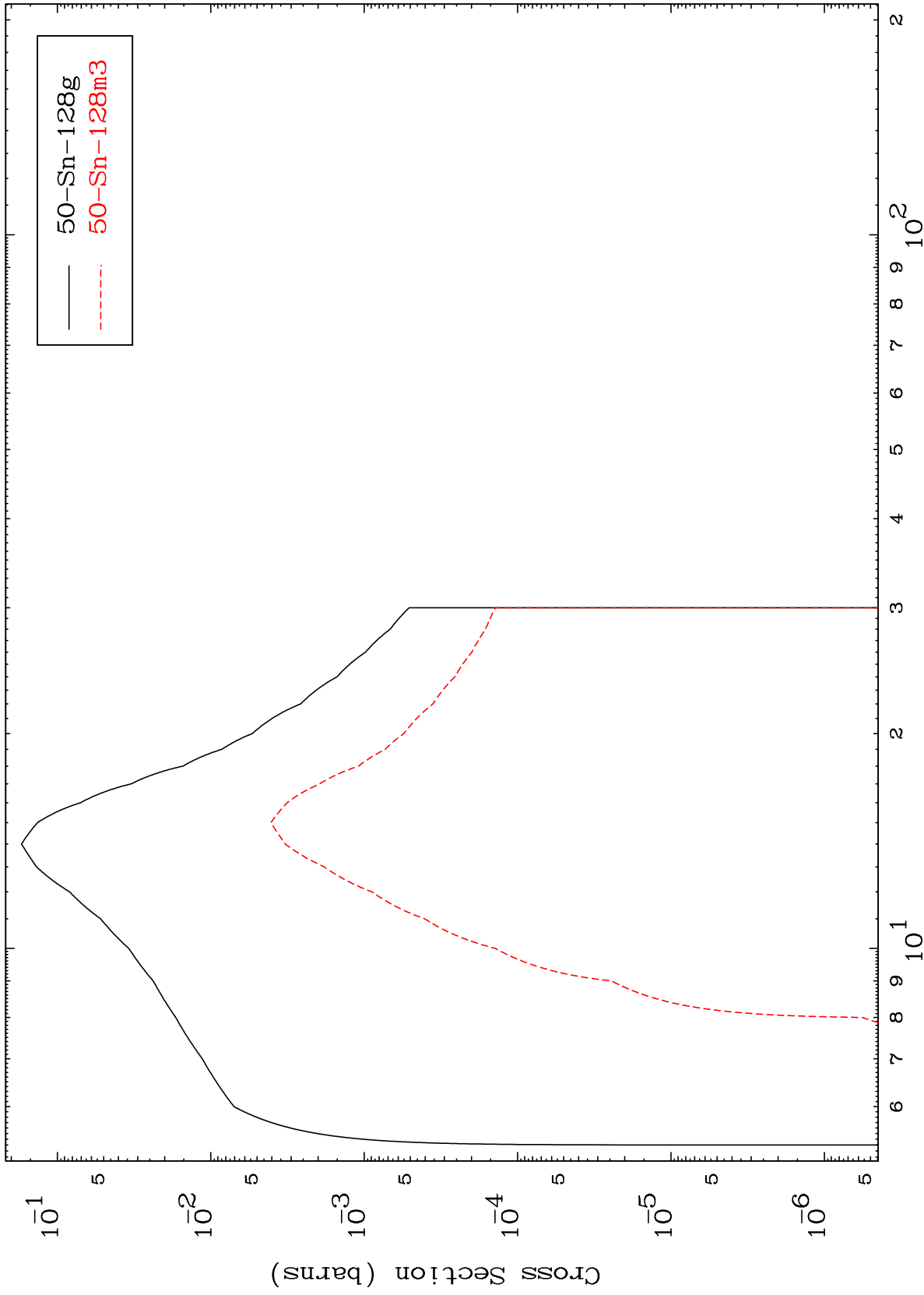
Incident Energy (MeV)

50-Sn-129

MAT 5076

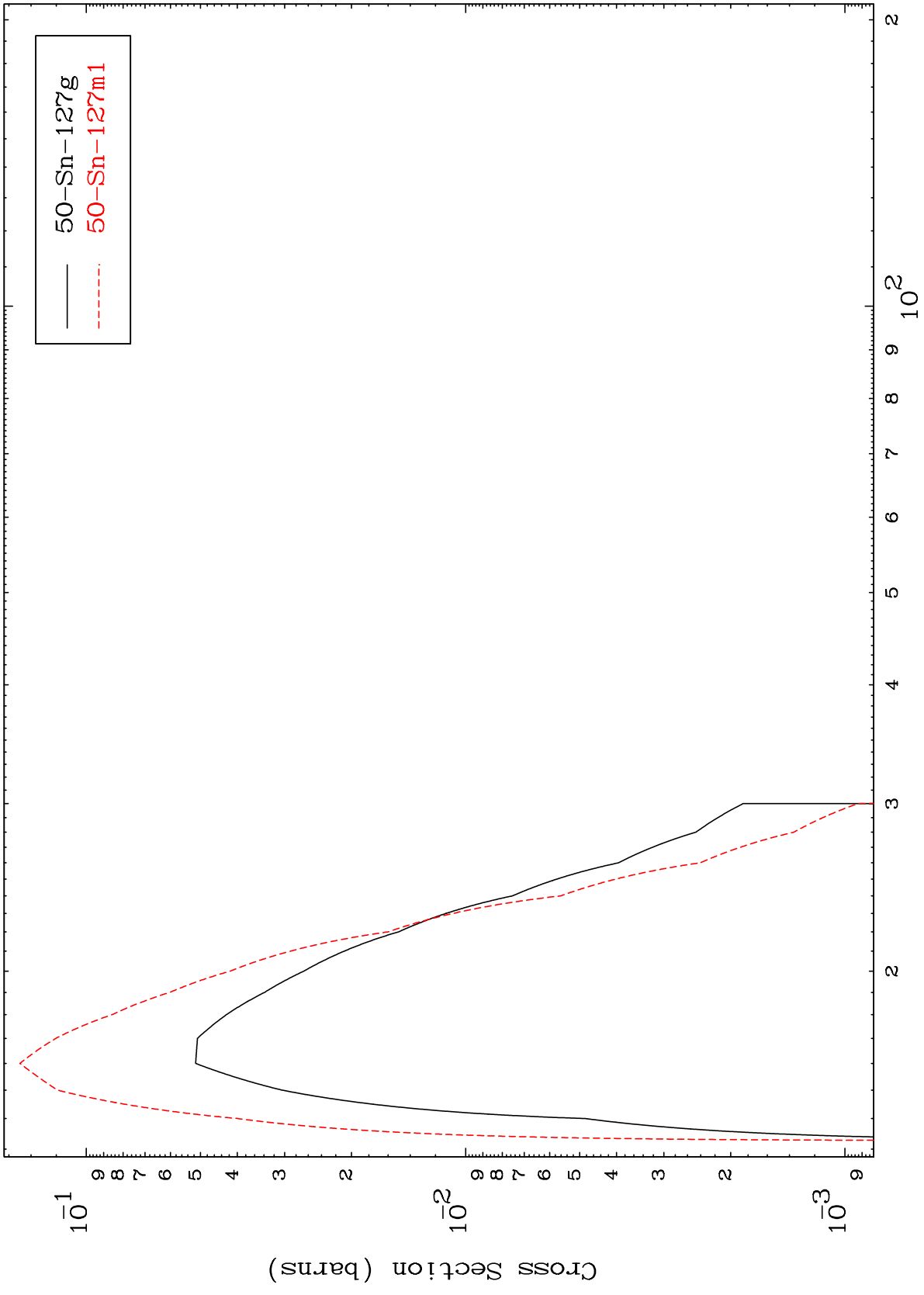
Photon Inelastic
Radionuclide Production Cross Section

50-Sn-129



MAT 5076 50-Sn-129

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



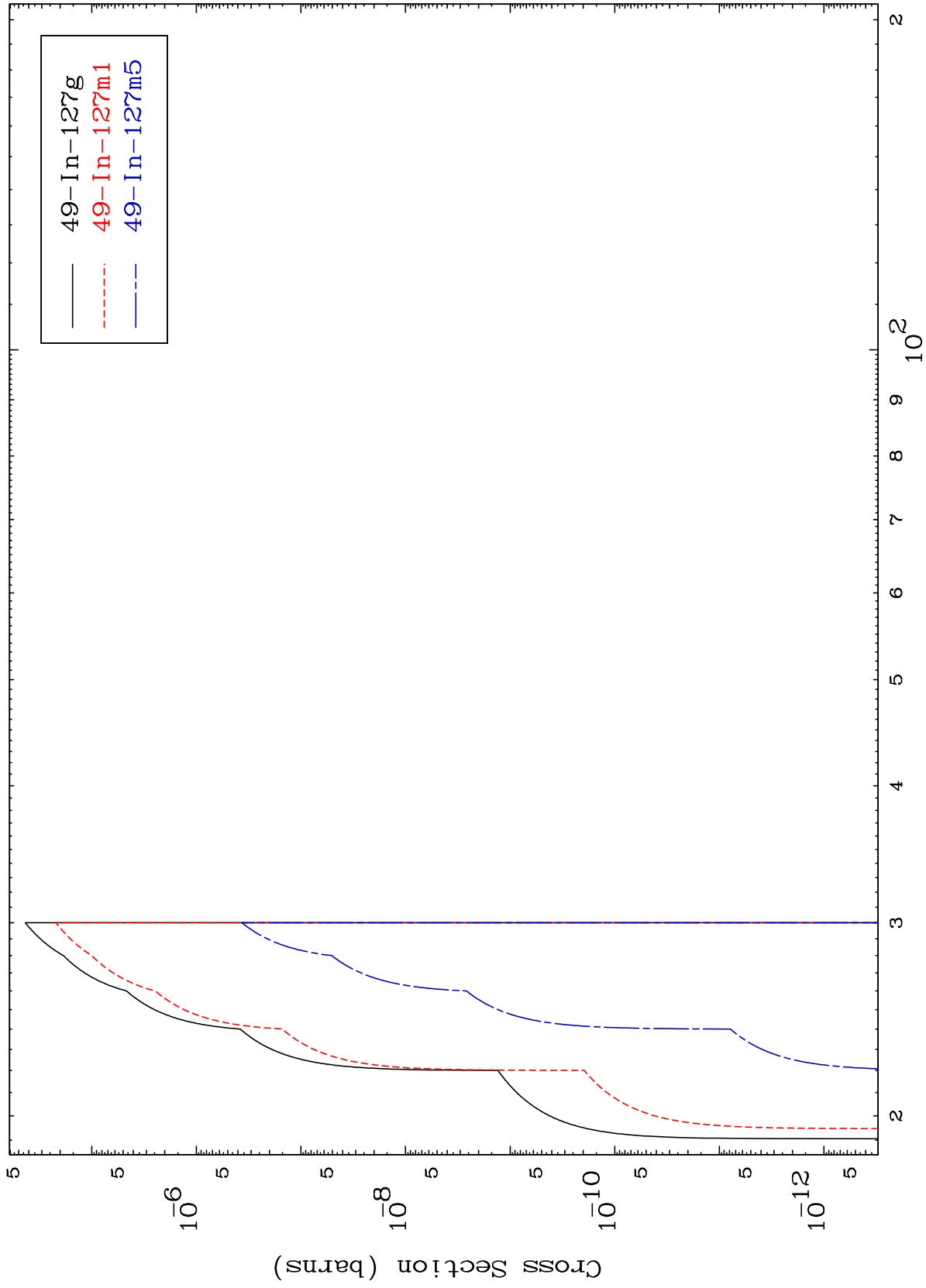
Cross Section (barns) Incident Energy (MeV)

MAT 5076

(γ, n') p

50-Sn-129

Radionuclide Production Cross Section



11

Incident Energy (MeV)

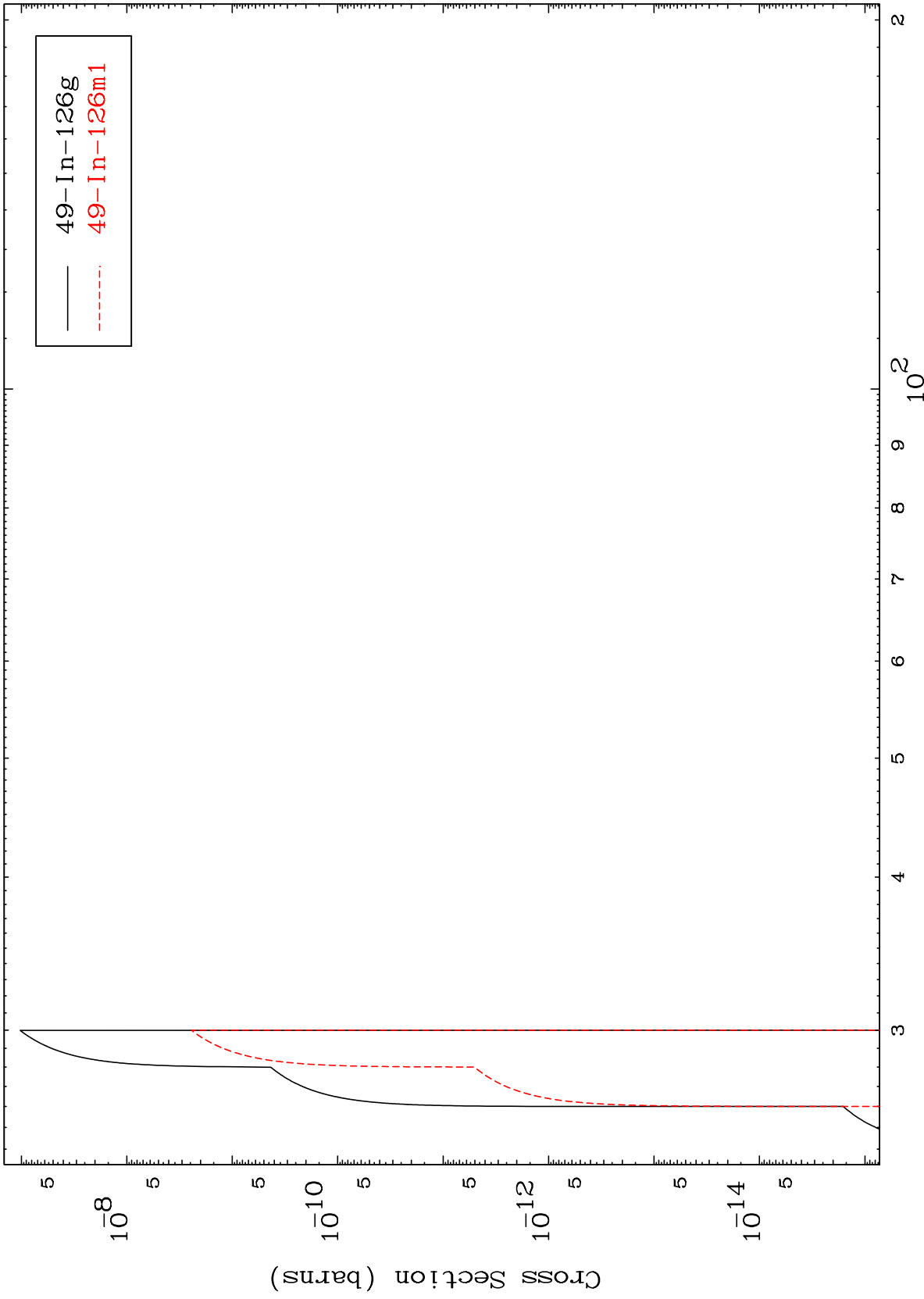
50-Sn-129

MAT 5076

(γ, n') d

50-Sn-129

Radionuclide Production Cross Section



12

Incident Energy (MeV)

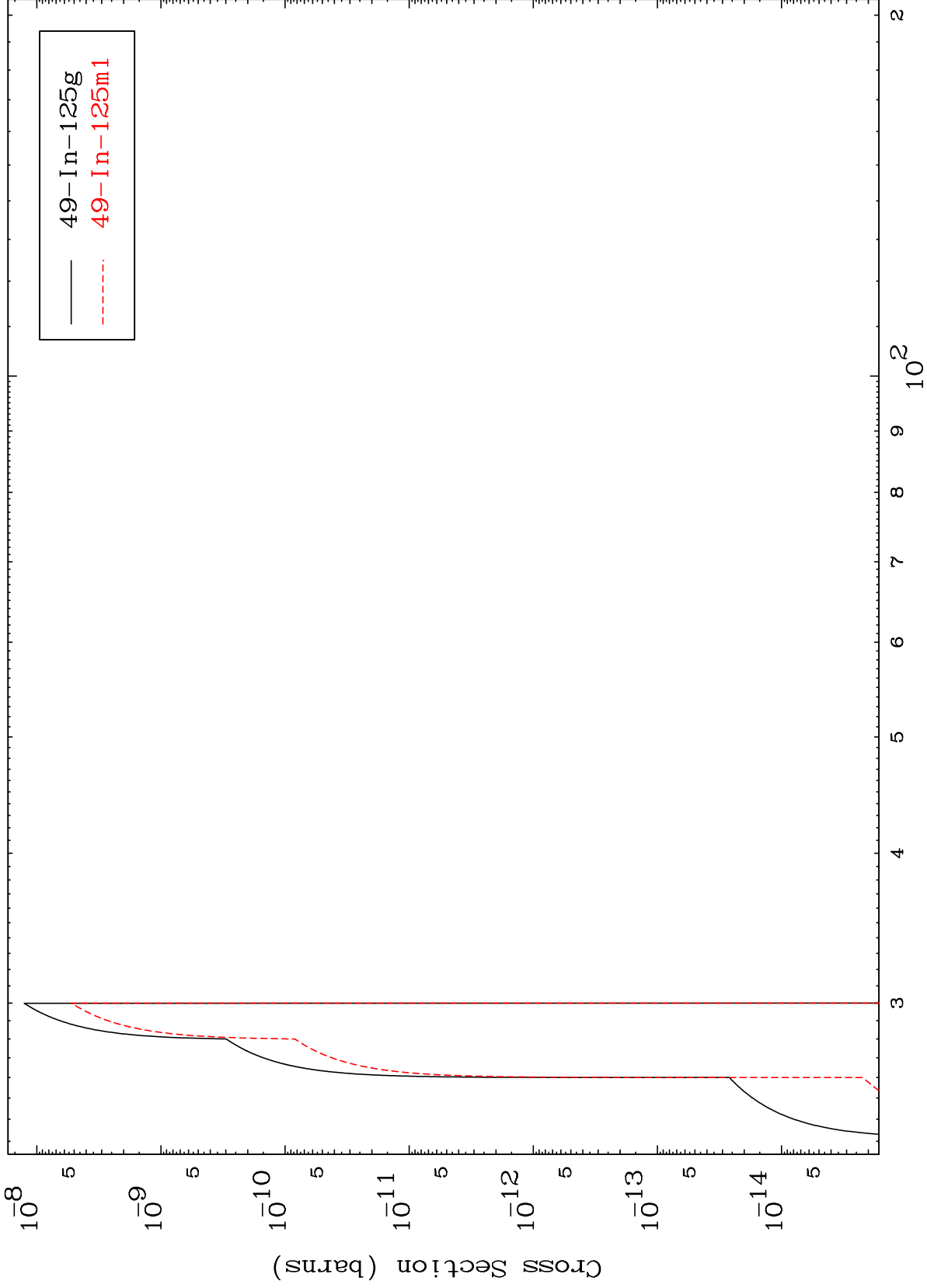
50-Sn-129

MAT 5076

(γ, n') t

50-Sn-129

Radionuclide Production Cross Section



13

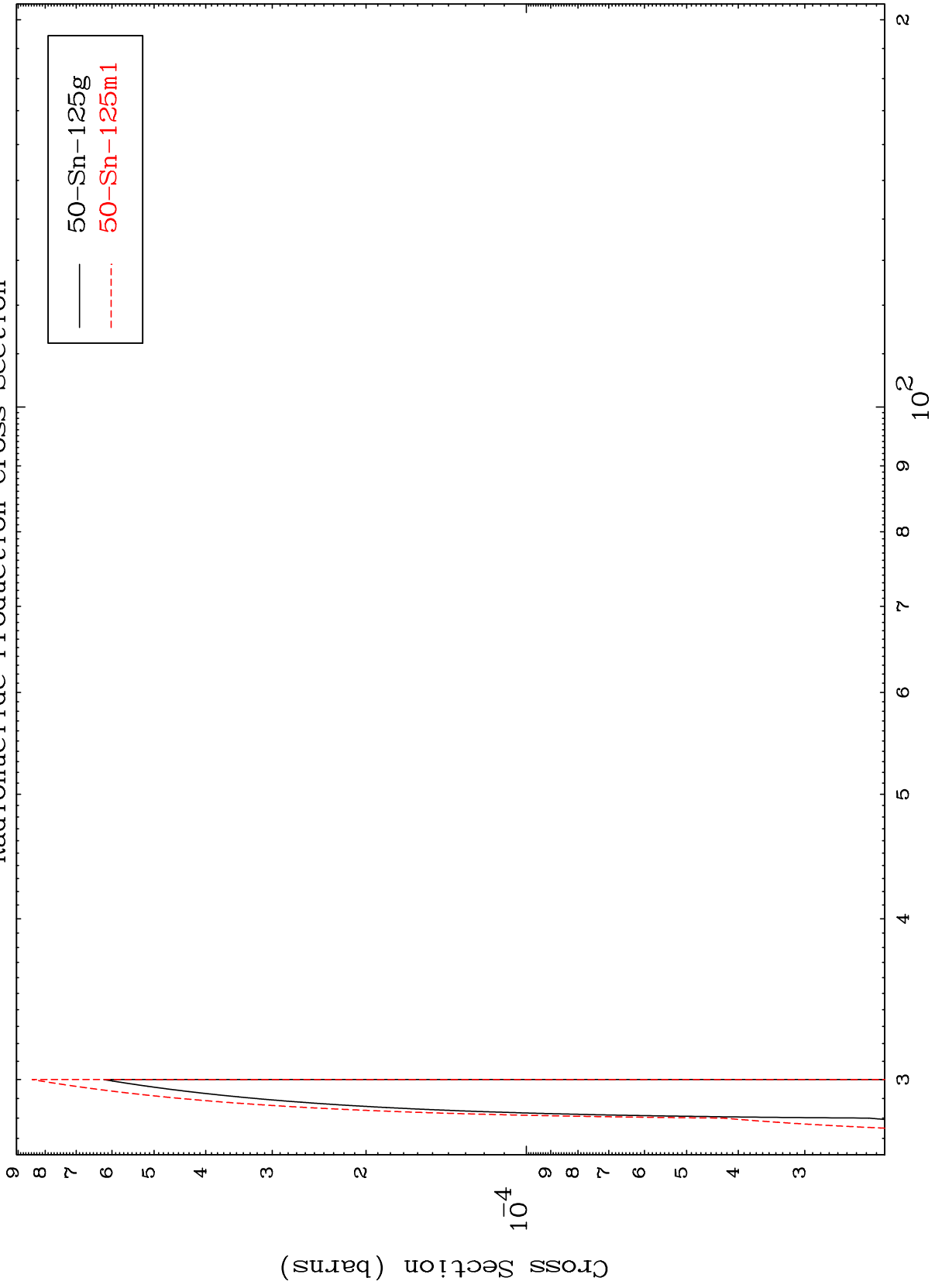
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

Radionuclide Production Cross Section
($\gamma, 4n$)



14

Incident Energy (MeV)

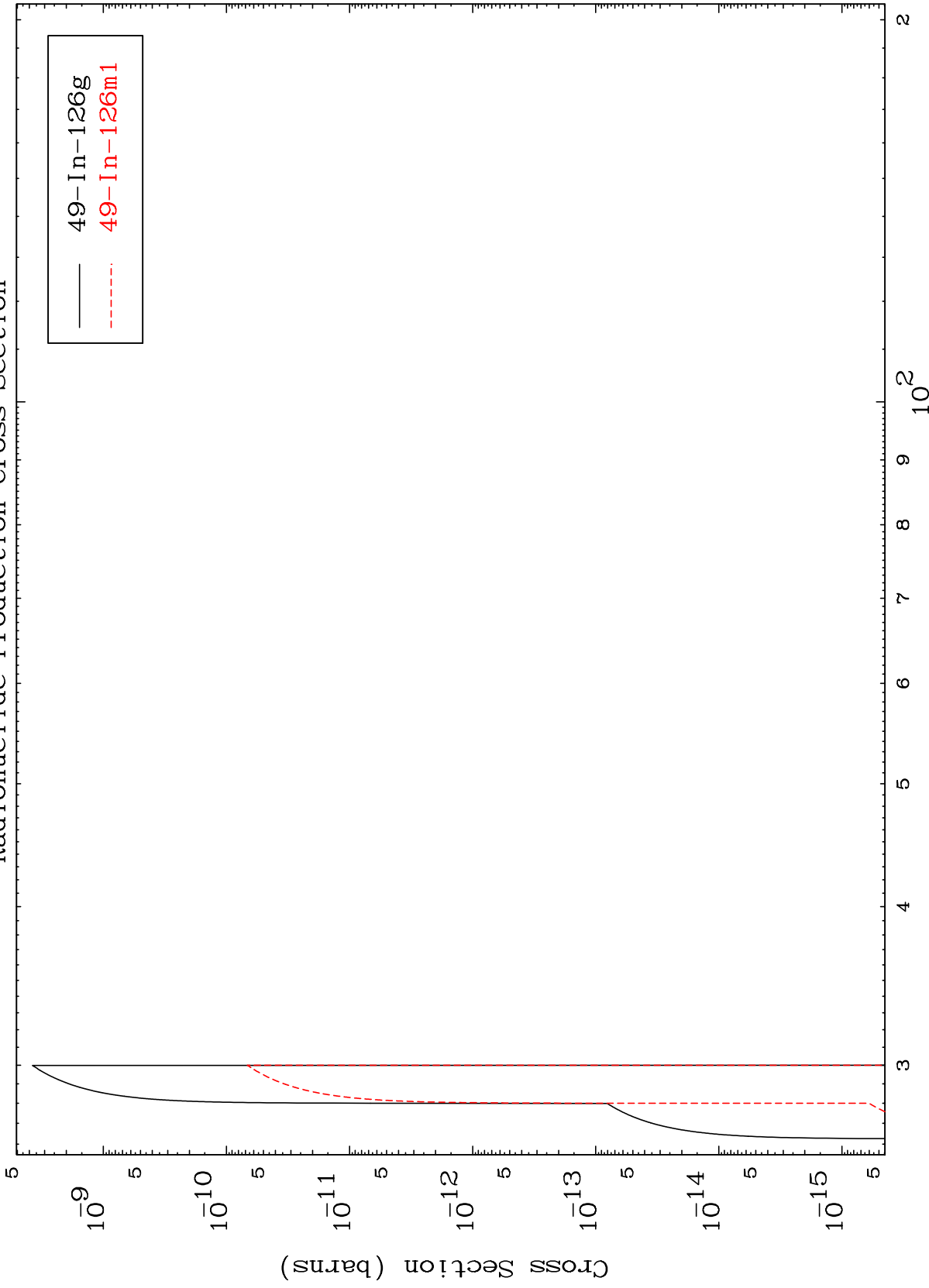
50-Sn-129

MAT 5076

($\gamma, 2n$) p

50-Sn-129

Radionuclide Production Cross Section



15

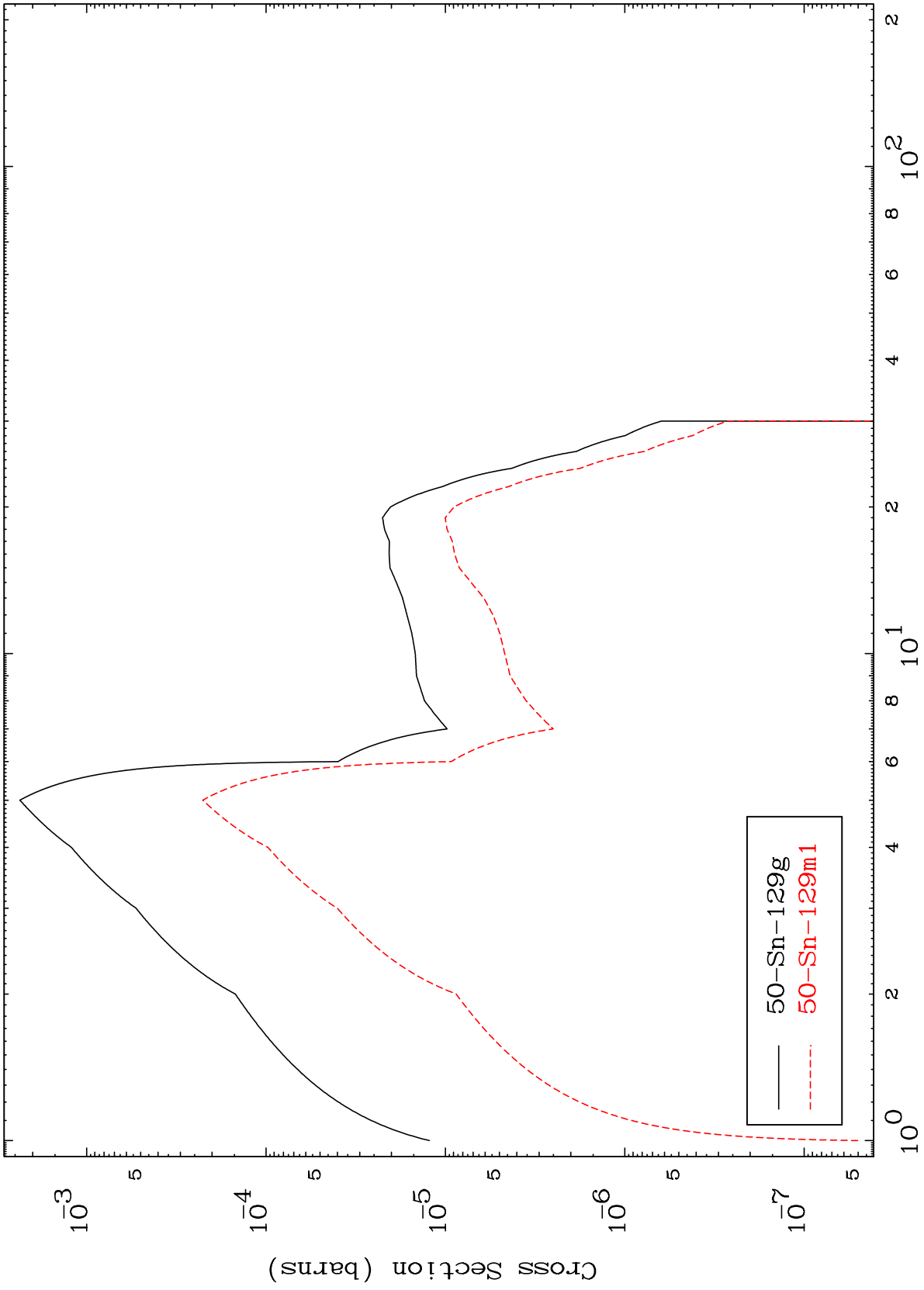
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

Radionuclide Production Cross Section
(γ, γ)



Incident Energy (MeV)

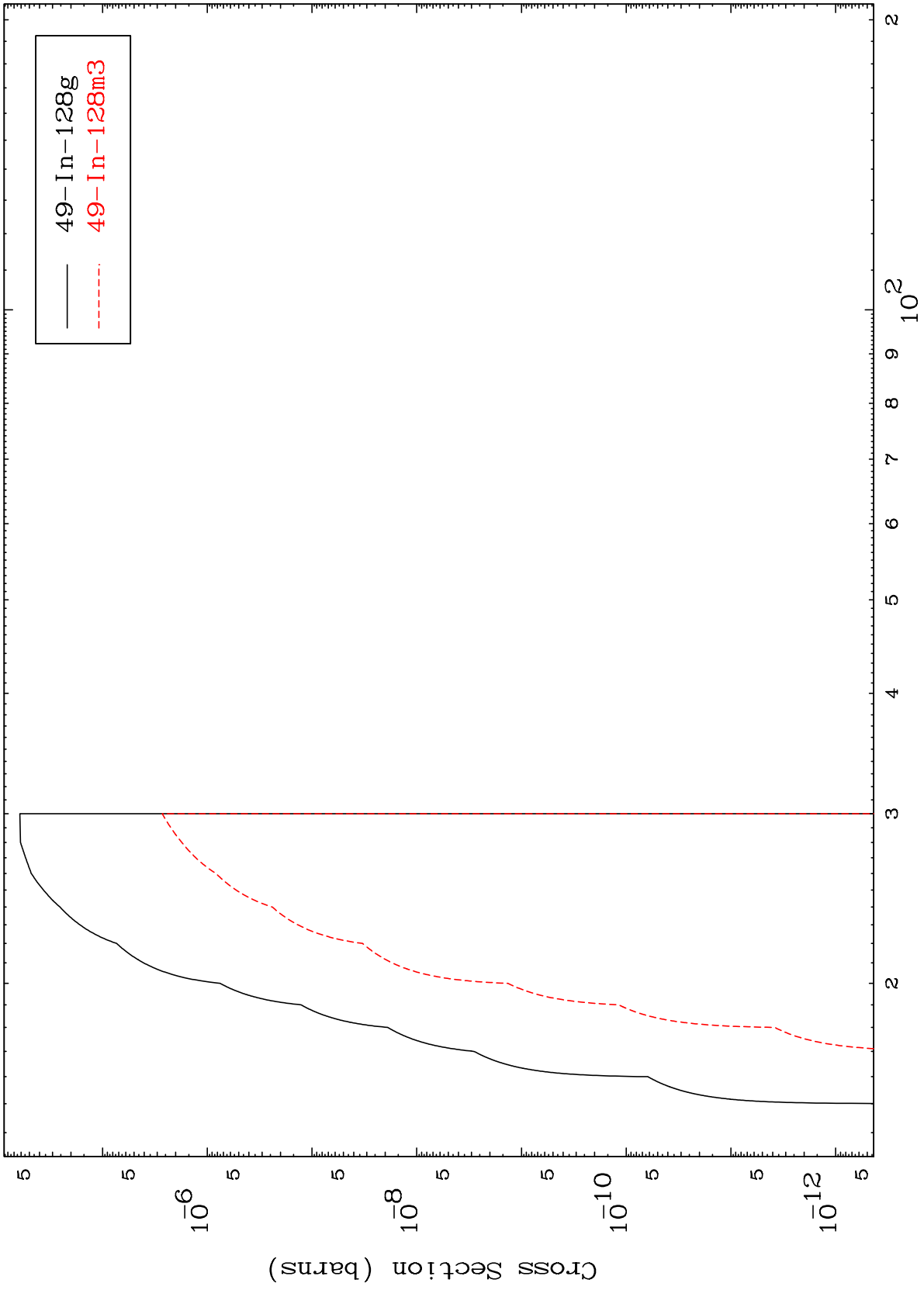
50-Sn-129

— 50-Sn-129g
- - - 50-Sn-129m1

MAT 5076

50-Sn-129

(γ, p)
Radionuclide Production Cross Section



17

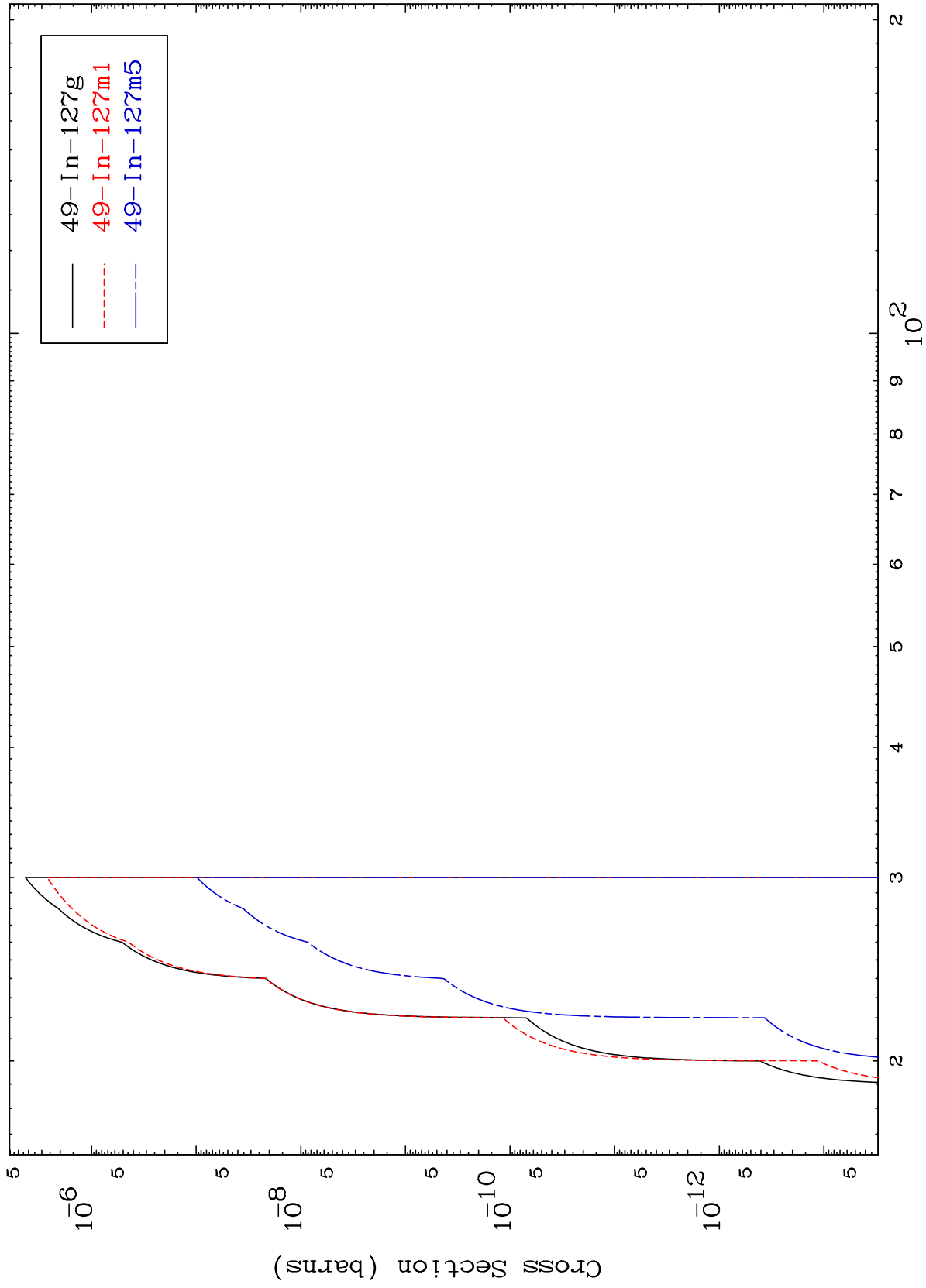
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(γ, d)
Radionuclide Production Cross Section



18

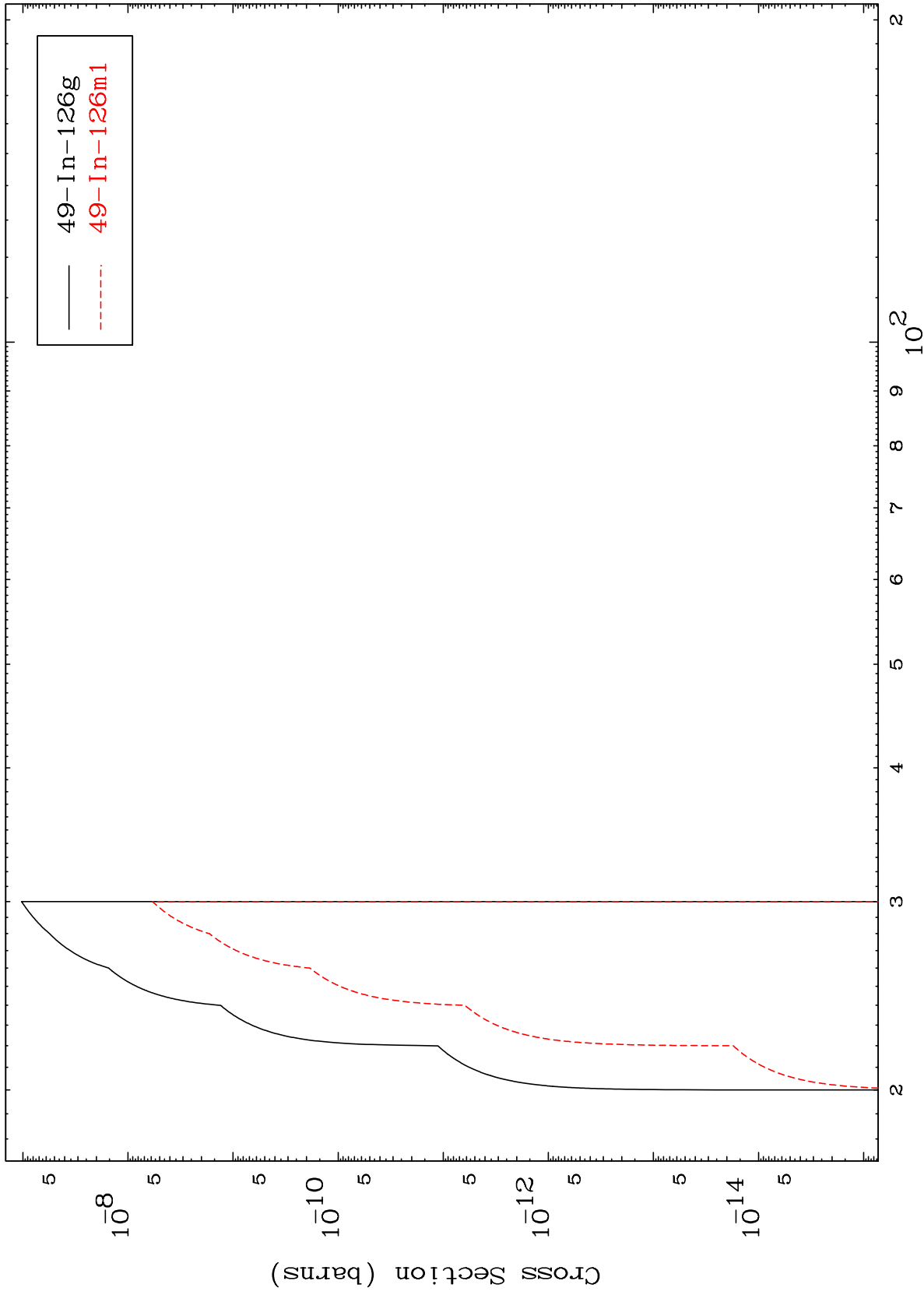
Incident Energy (MeV)

50-Sn-129

MAT 5076

50-Sn-129

(γ, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

50-Sn-129