

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

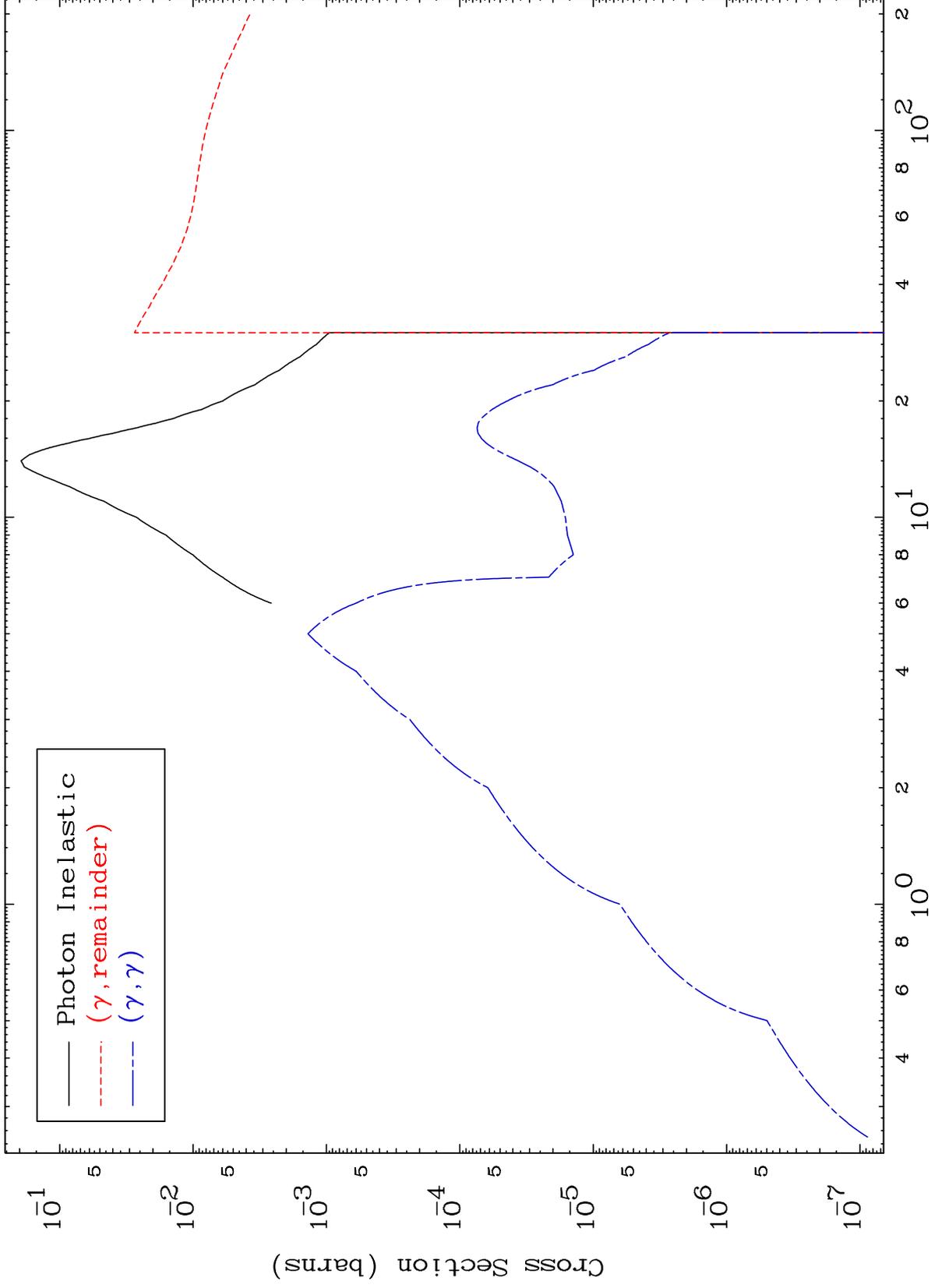
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5074

Photon Major
0 Kelvin Cross Sections

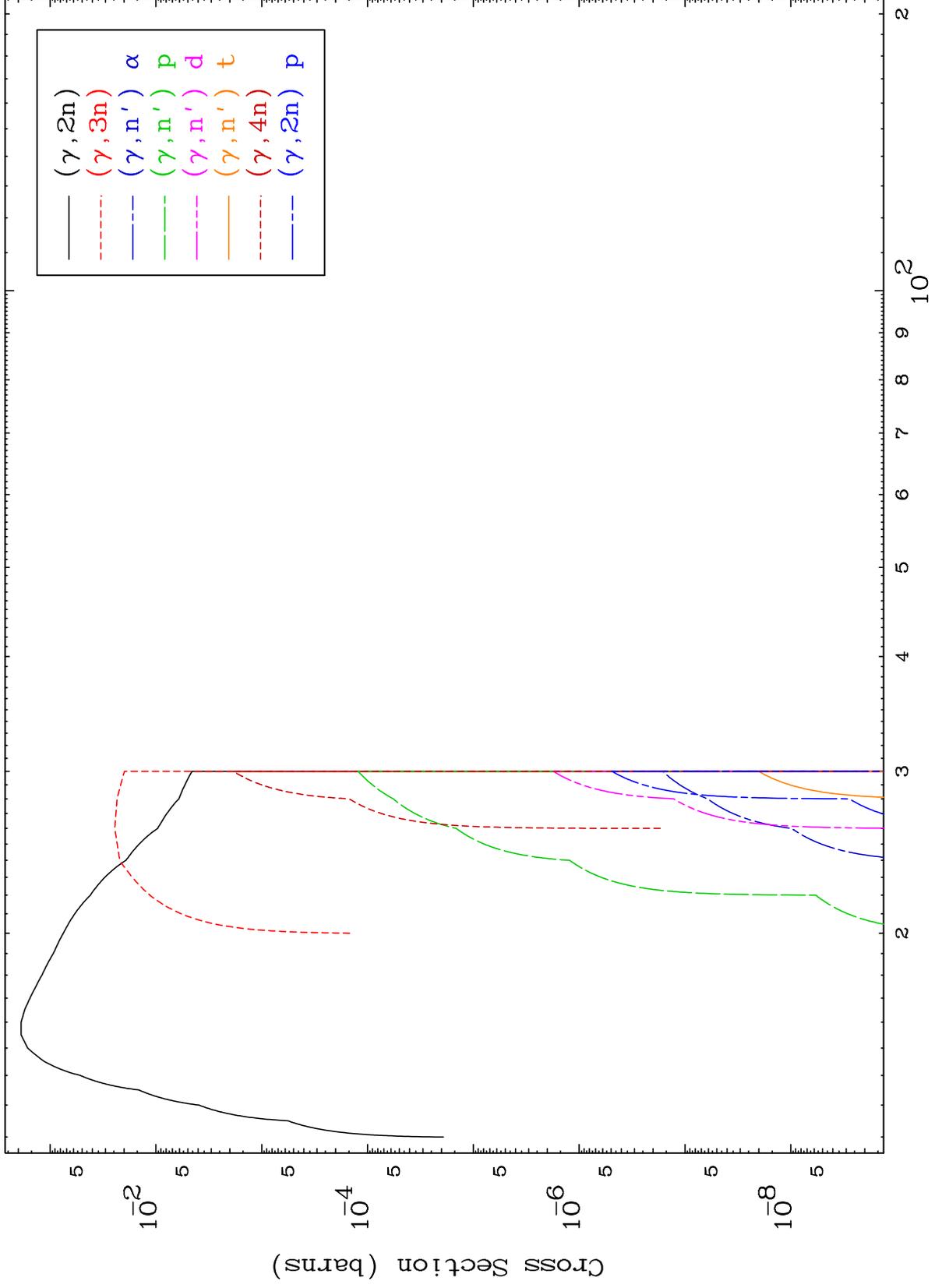
50-Sn-128



1

Incident Energy (MeV)

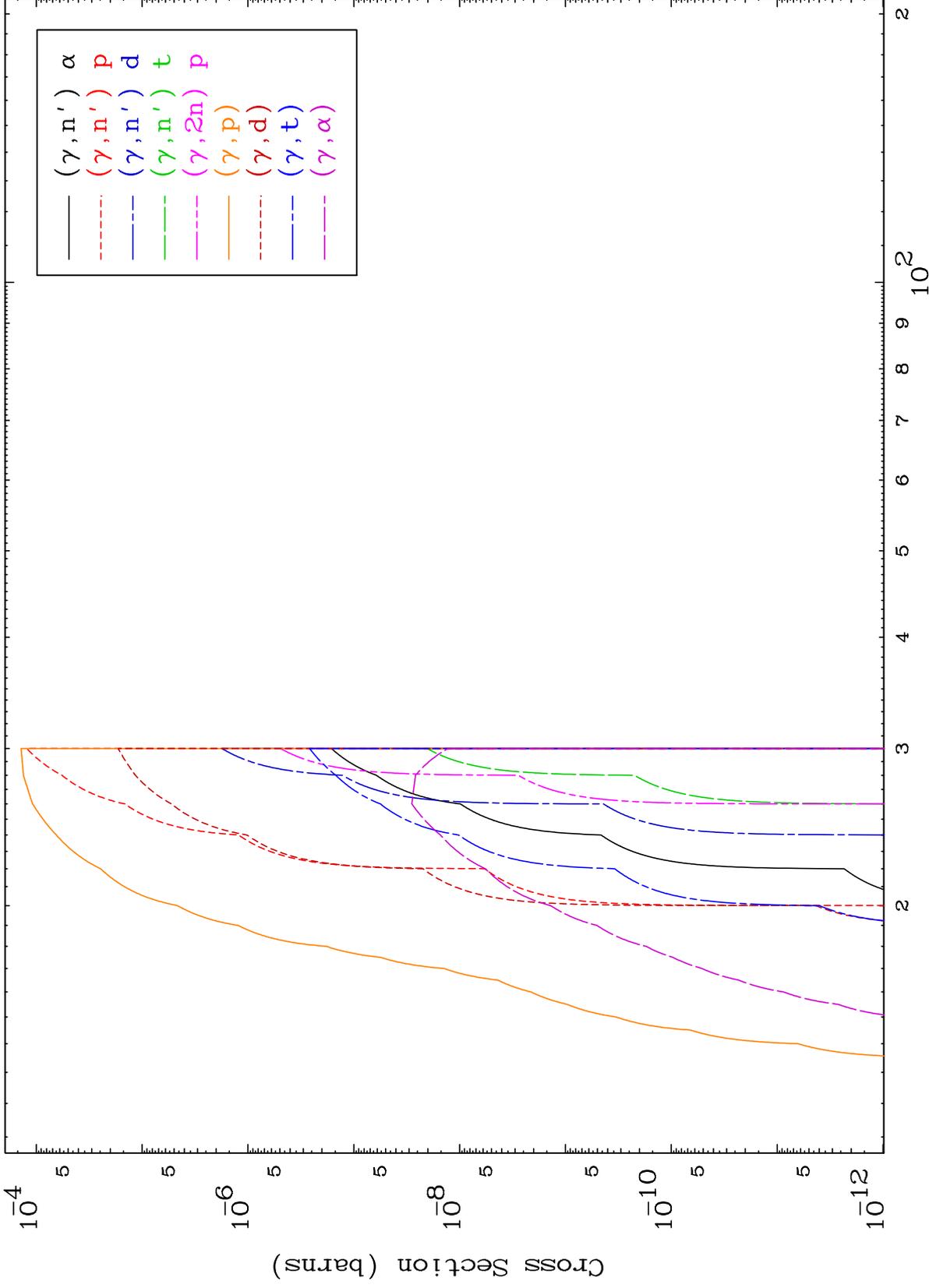
50-Sn-128



MAT 5074

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-128

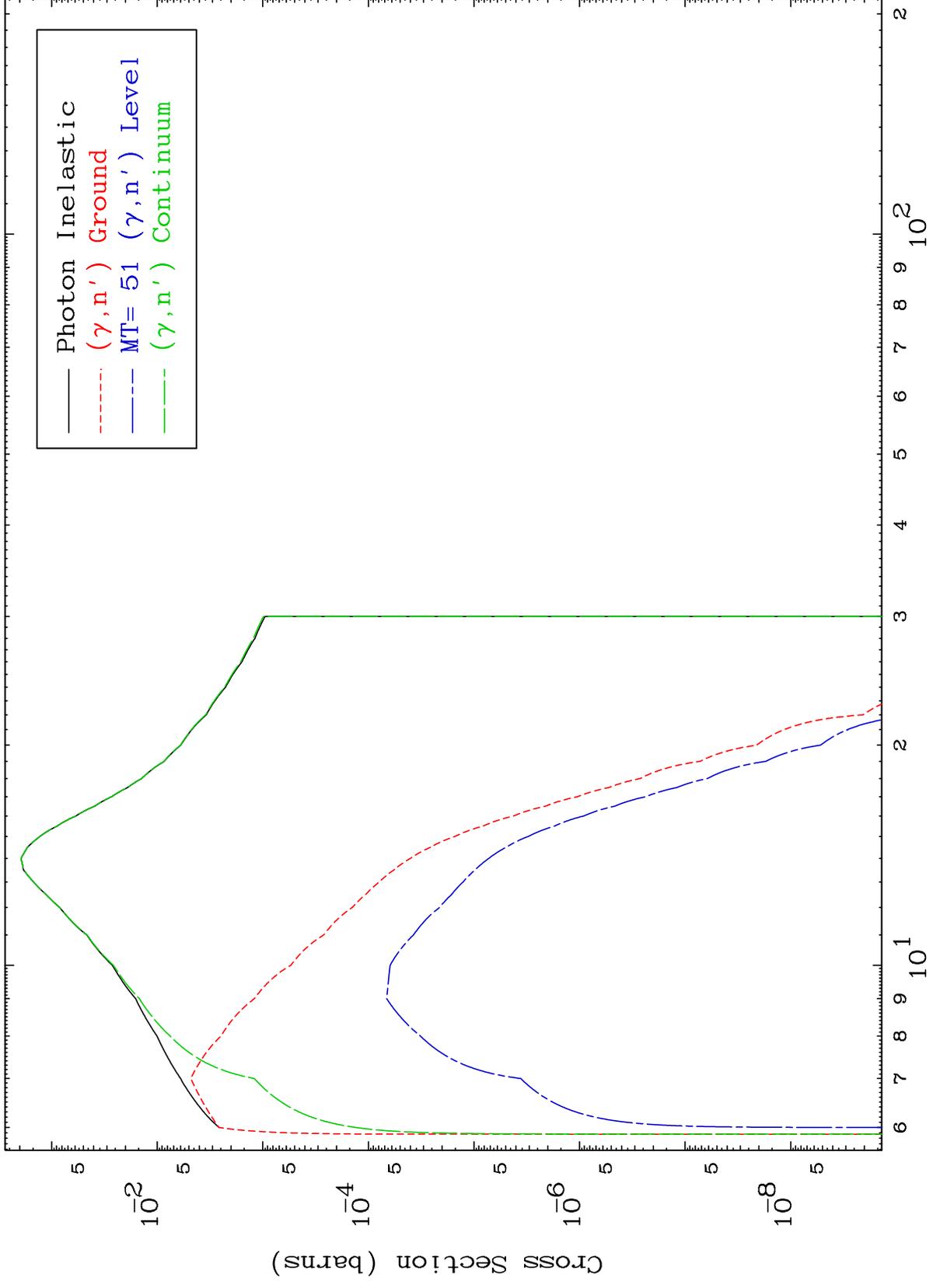


MAT 5074

(γ, n') Level

50-Sn-128

0 Kelvin Cross Sections



Incident Energy (MeV)

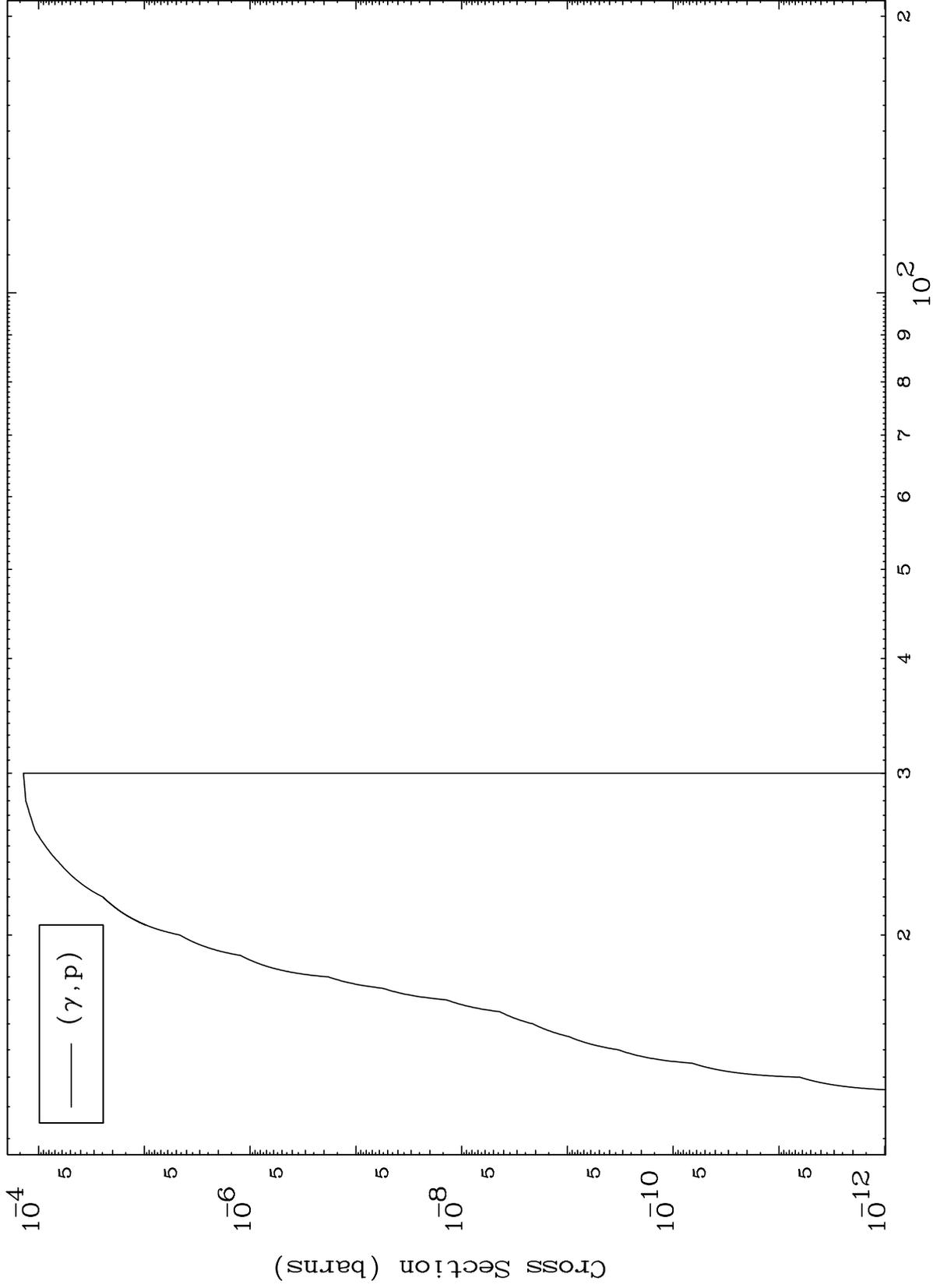
50-Sn-128

4

MAT 5074

(γ, p) Levels
0 Kelvin Cross Sections

50-Sn-128



5

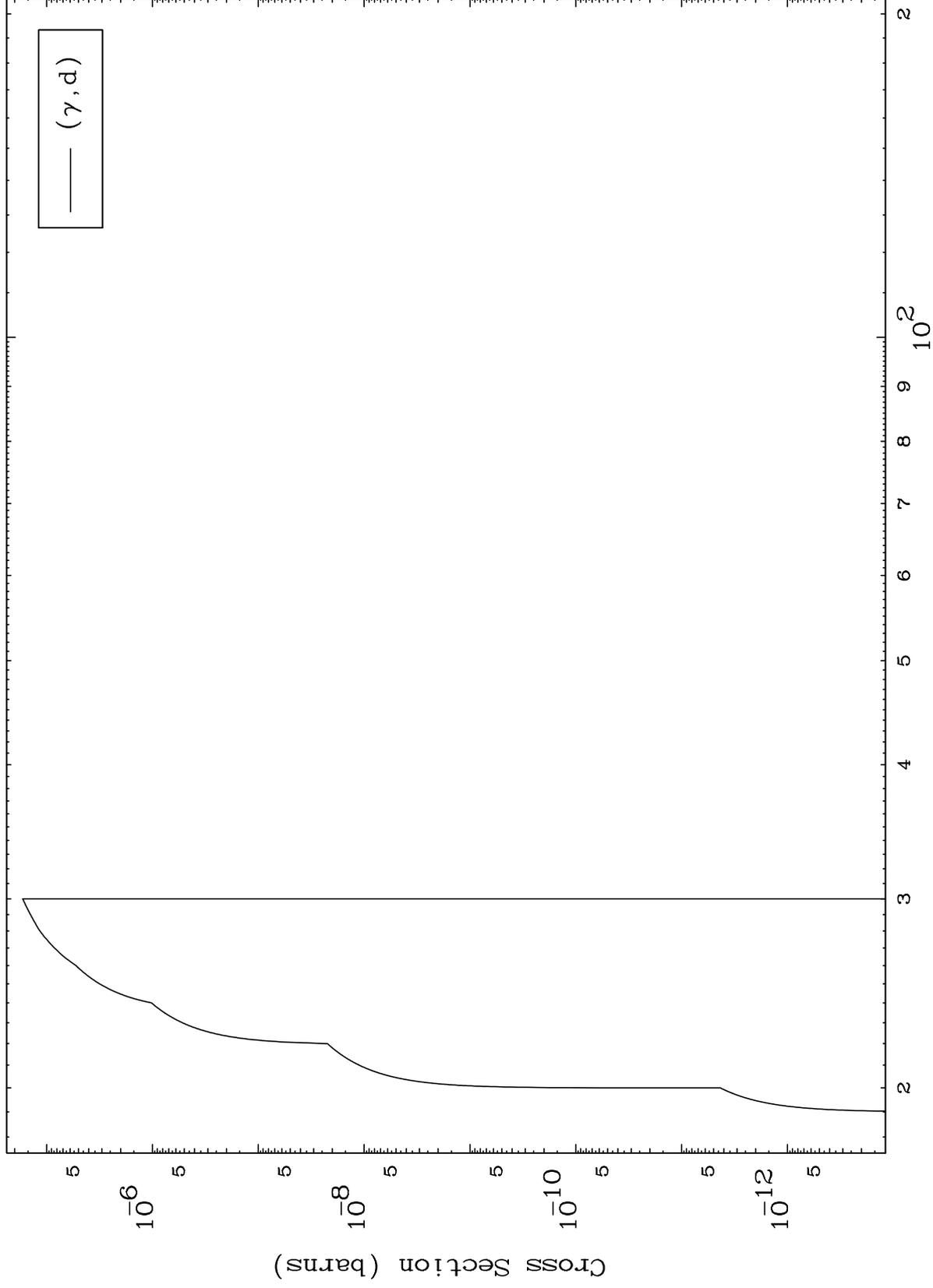
Incident Energy (MeV)

50-Sn-128

MAT 5074

(γ, d) Levels
0 Kelvin Cross Sections

50-Sn-128



6

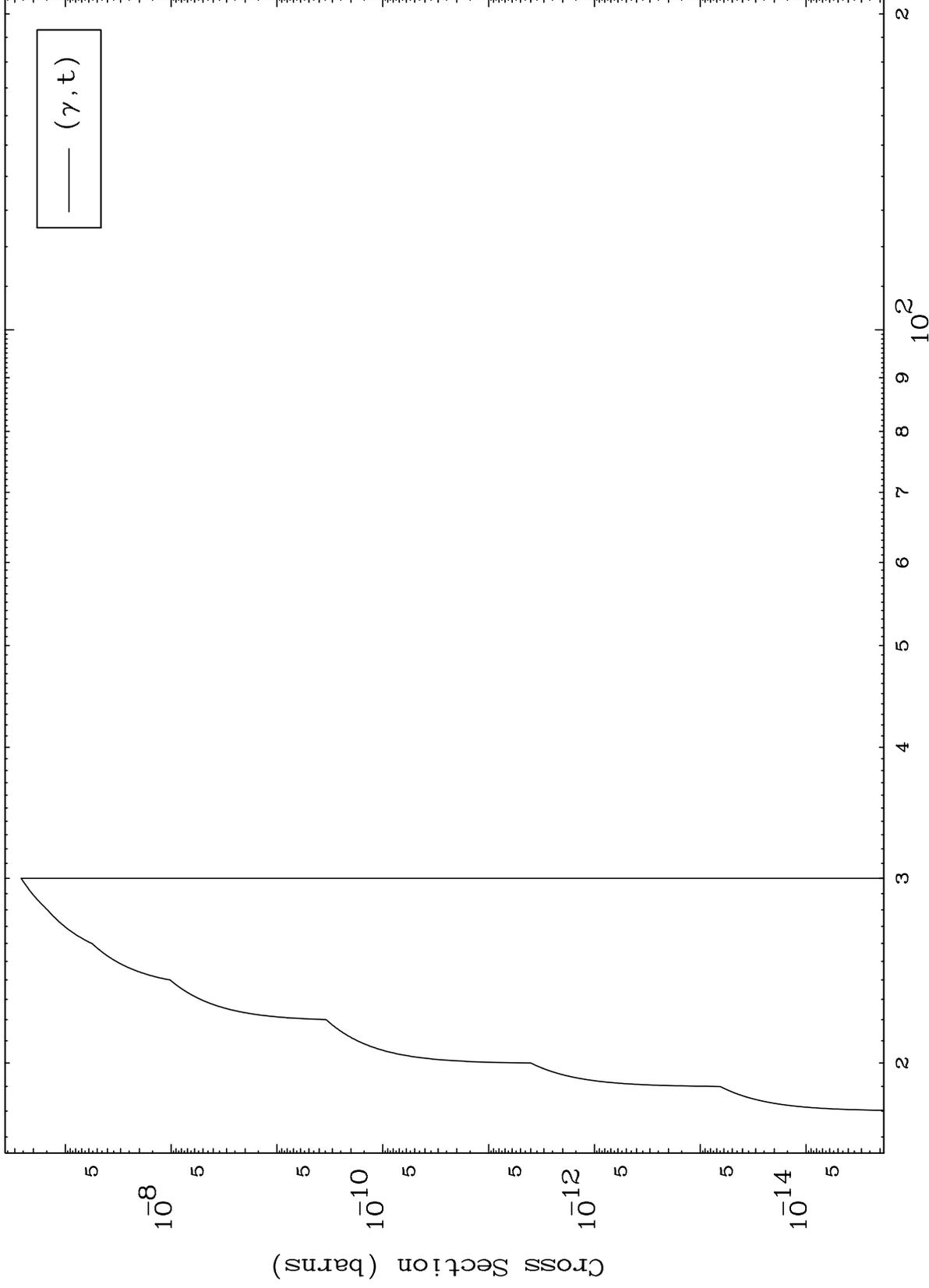
Incident Energy (MeV)

50-Sn-128

MAT 5074

(γ, t) Levels
0 Kelvin Cross Sections

50-Sn-128



7

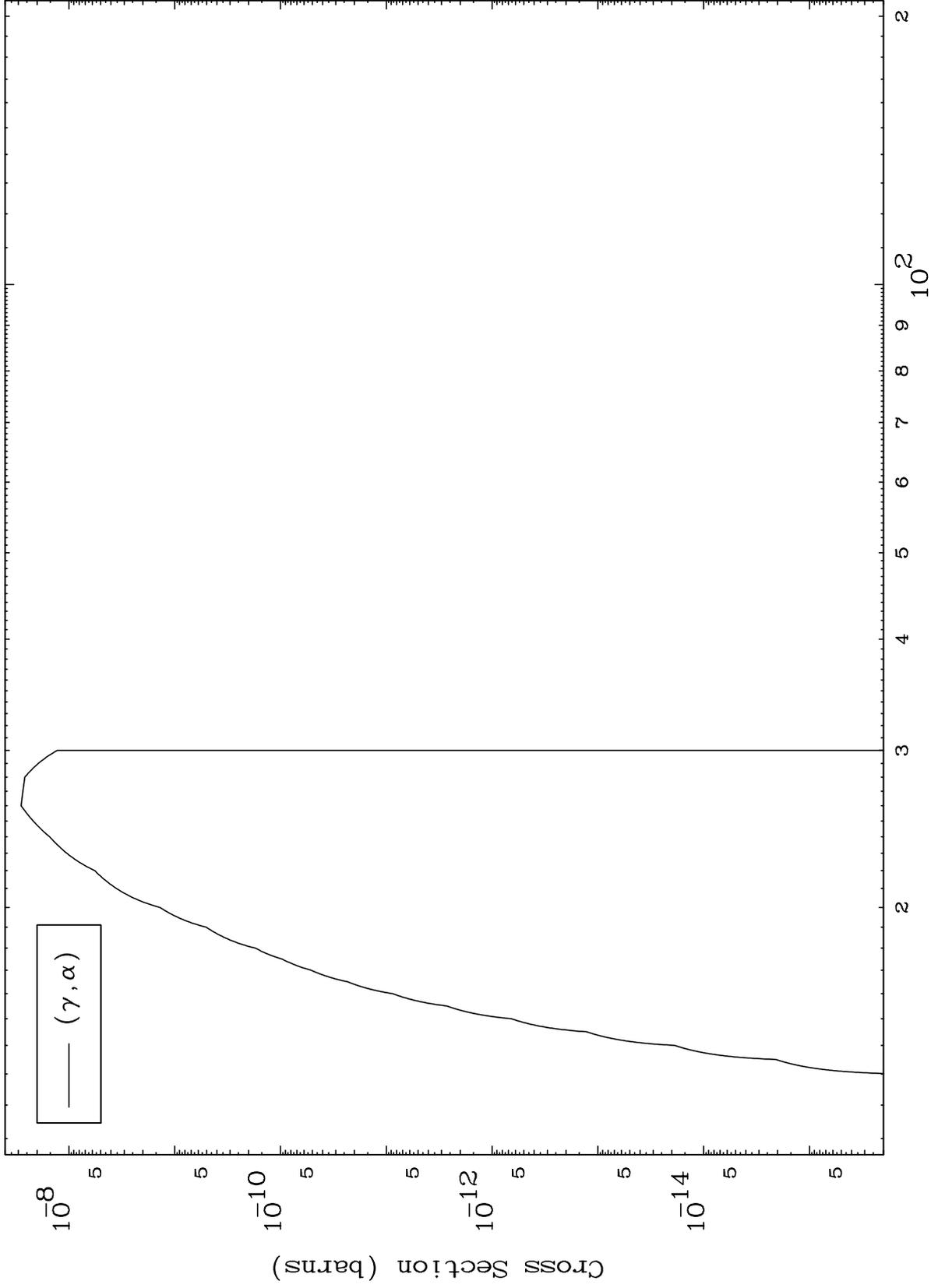
Incident Energy (MeV)

50-Sn-128

MAT 5074

(γ, α) Levels
0 Kelvin Cross Sections

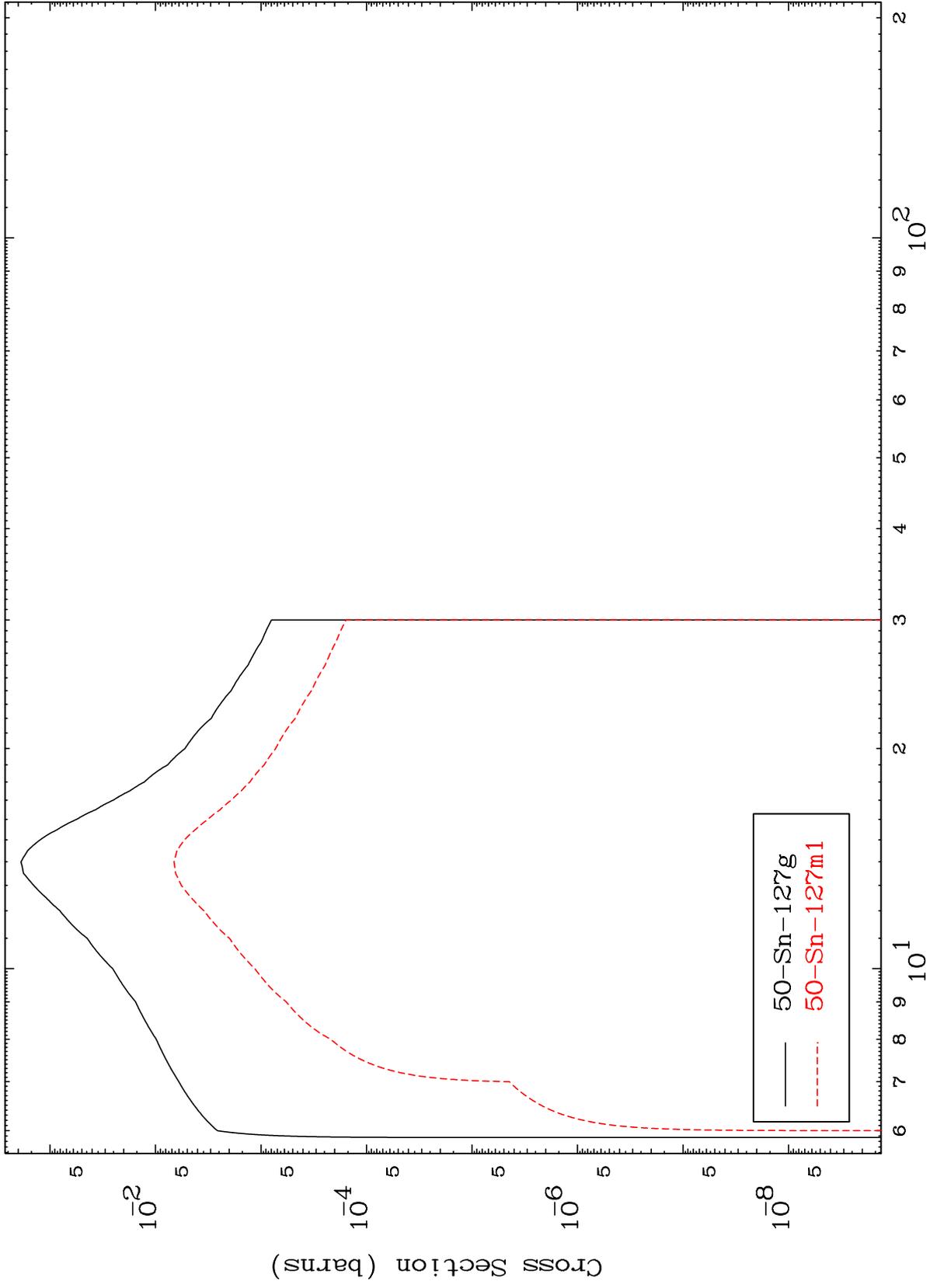
50-Sn-128



MAT 5074

Photon Inelastic
Radionuclide Production Cross Section

50-Sn-128



9

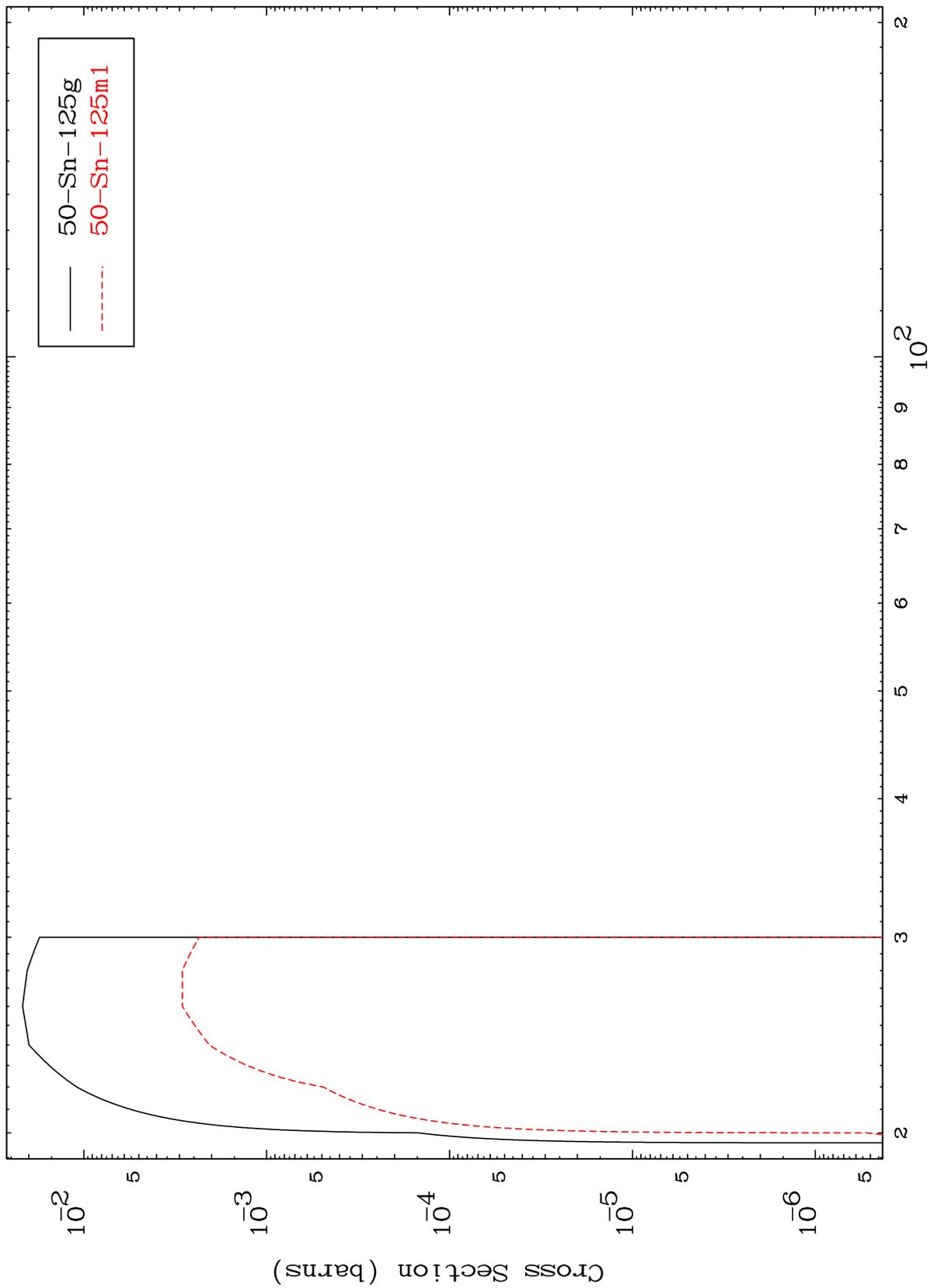
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

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



50-Sn-128

Incident Energy (MeV)

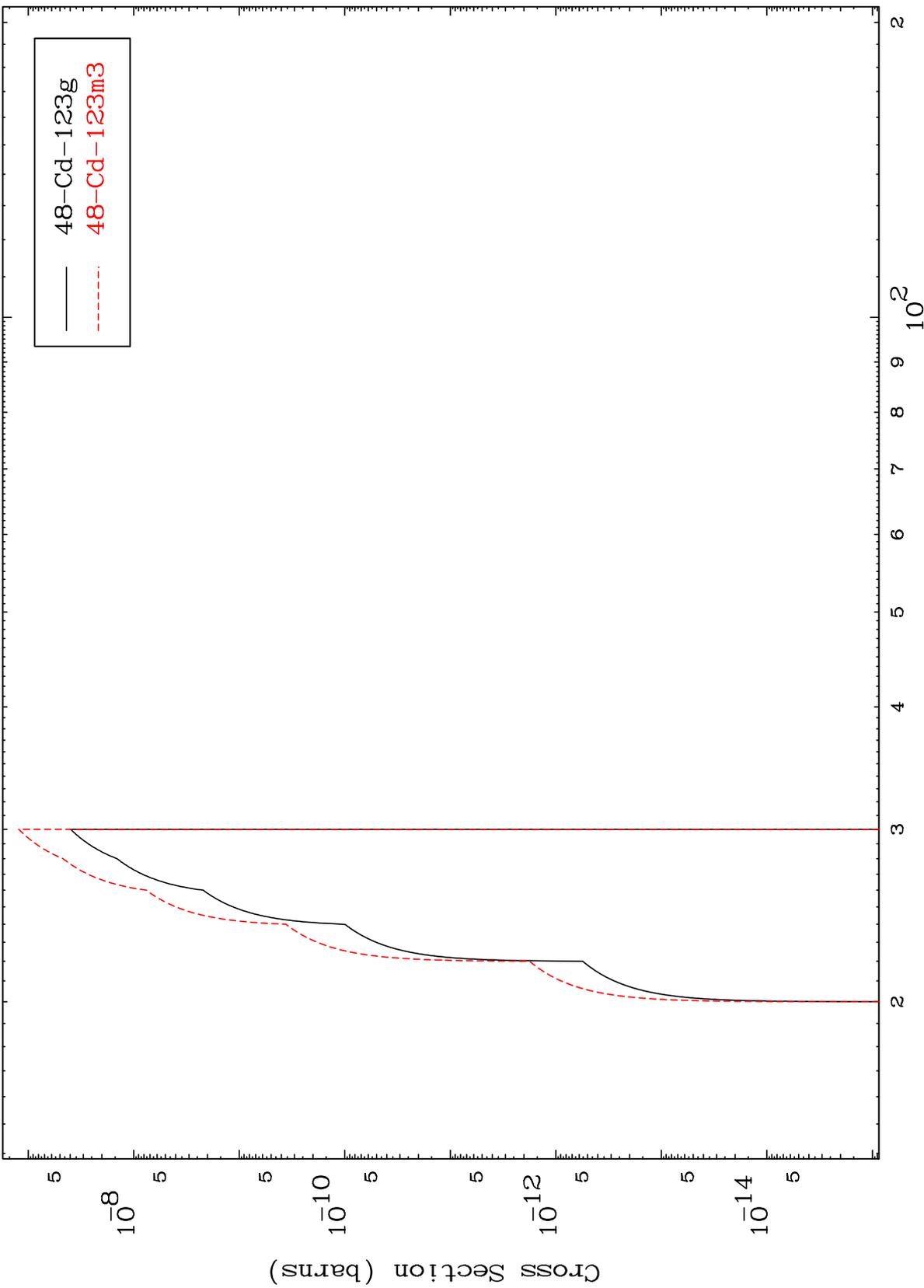
10

MAT 5074

(γ, n') α

50-Sn-128

Radionuclide Production Cross Section



11

Incident Energy (MeV)

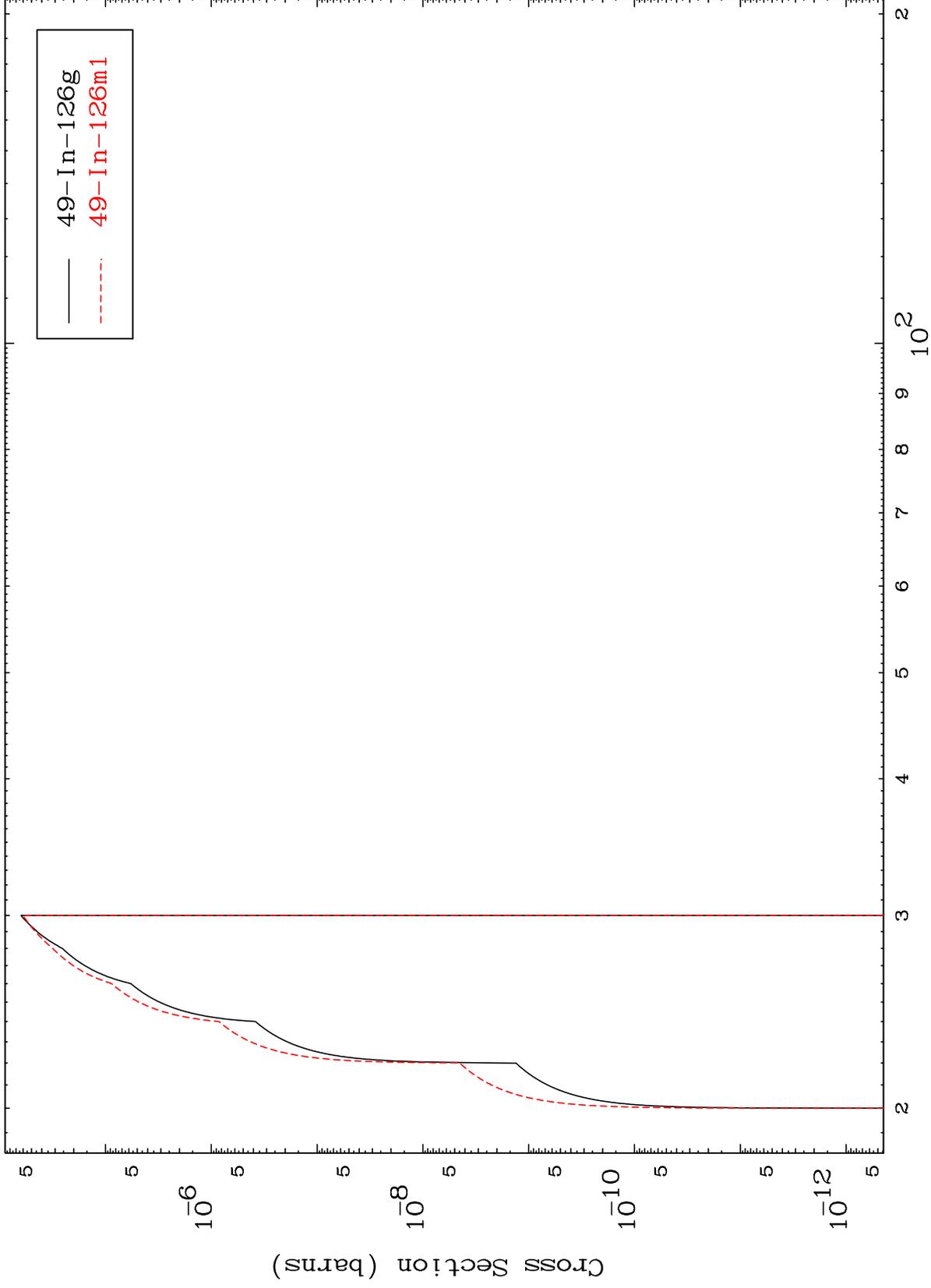
50-Sn-128

MAT 5074

(γ, n') p

50-Sn-128

Radionuclide Production Cross Section



12

Incident Energy (MeV)

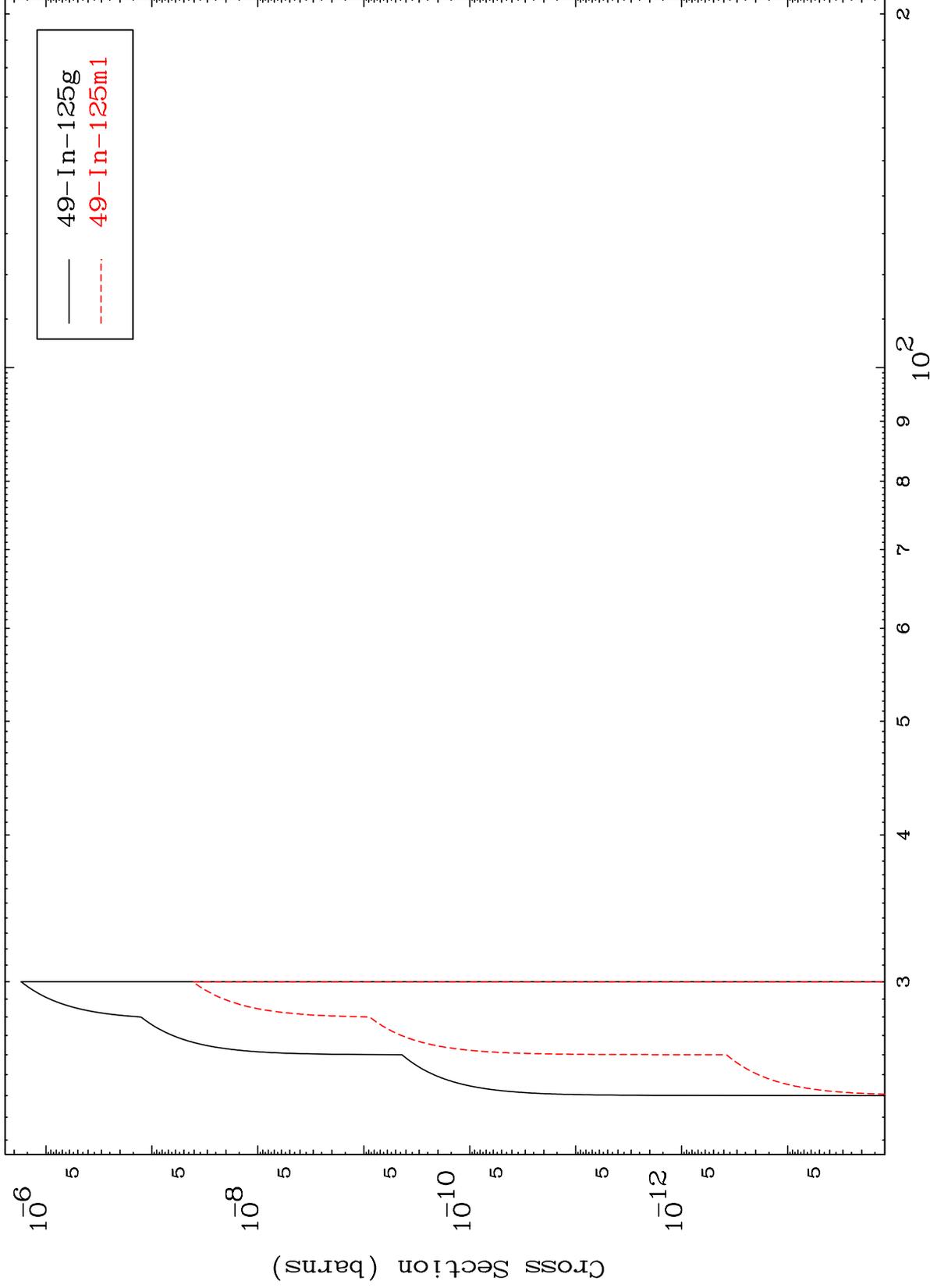
50-Sn-128

MAT 5074

50-Sn-128

(γ, n') d

Radionuclide Production Cross Section



50-Sn-128

Incident Energy (MeV)

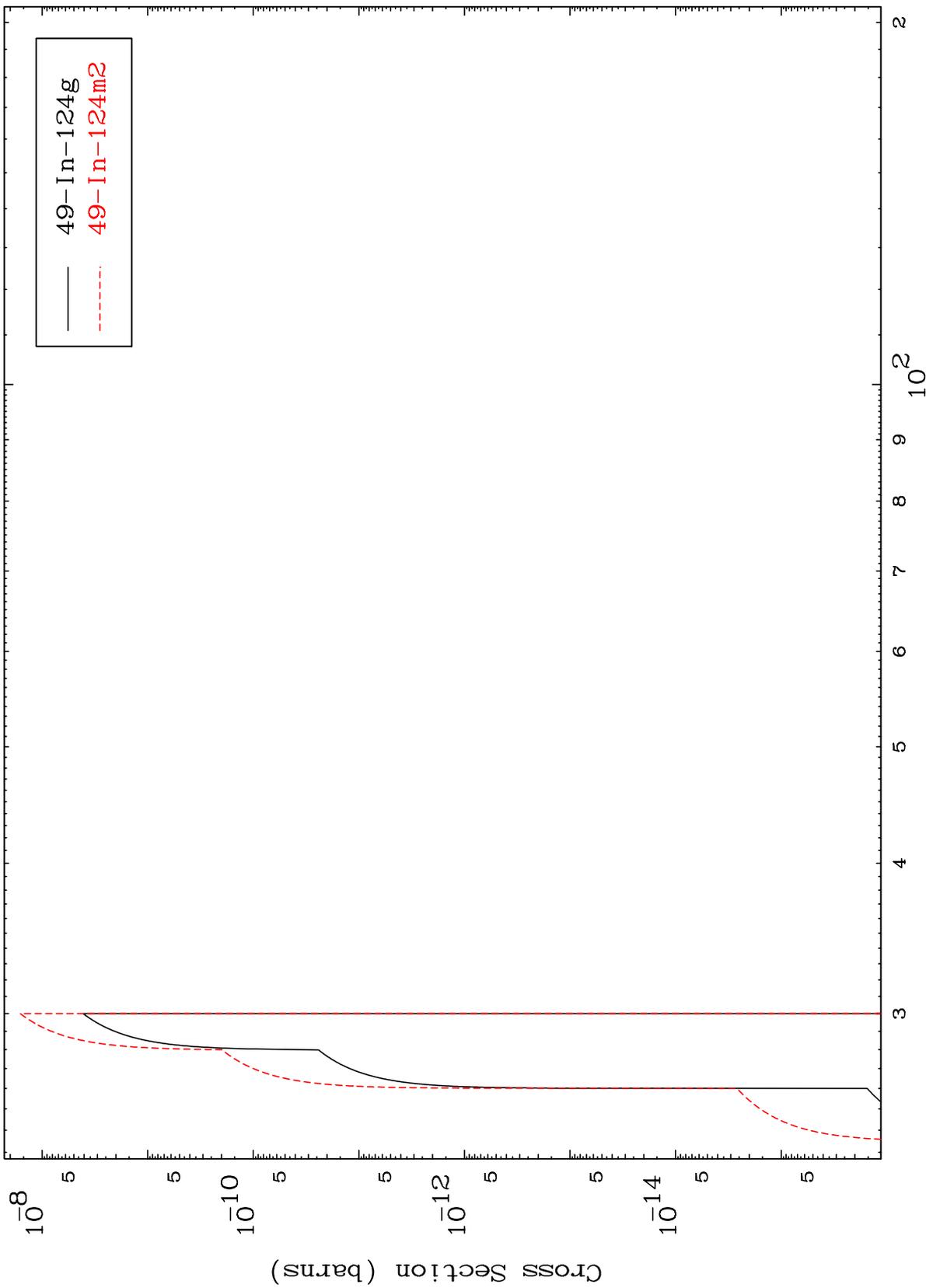
13

MAT 5074

(γ, n') t

50-Sn-128

Radionuclide Production Cross Section



14

Incident Energy (MeV)

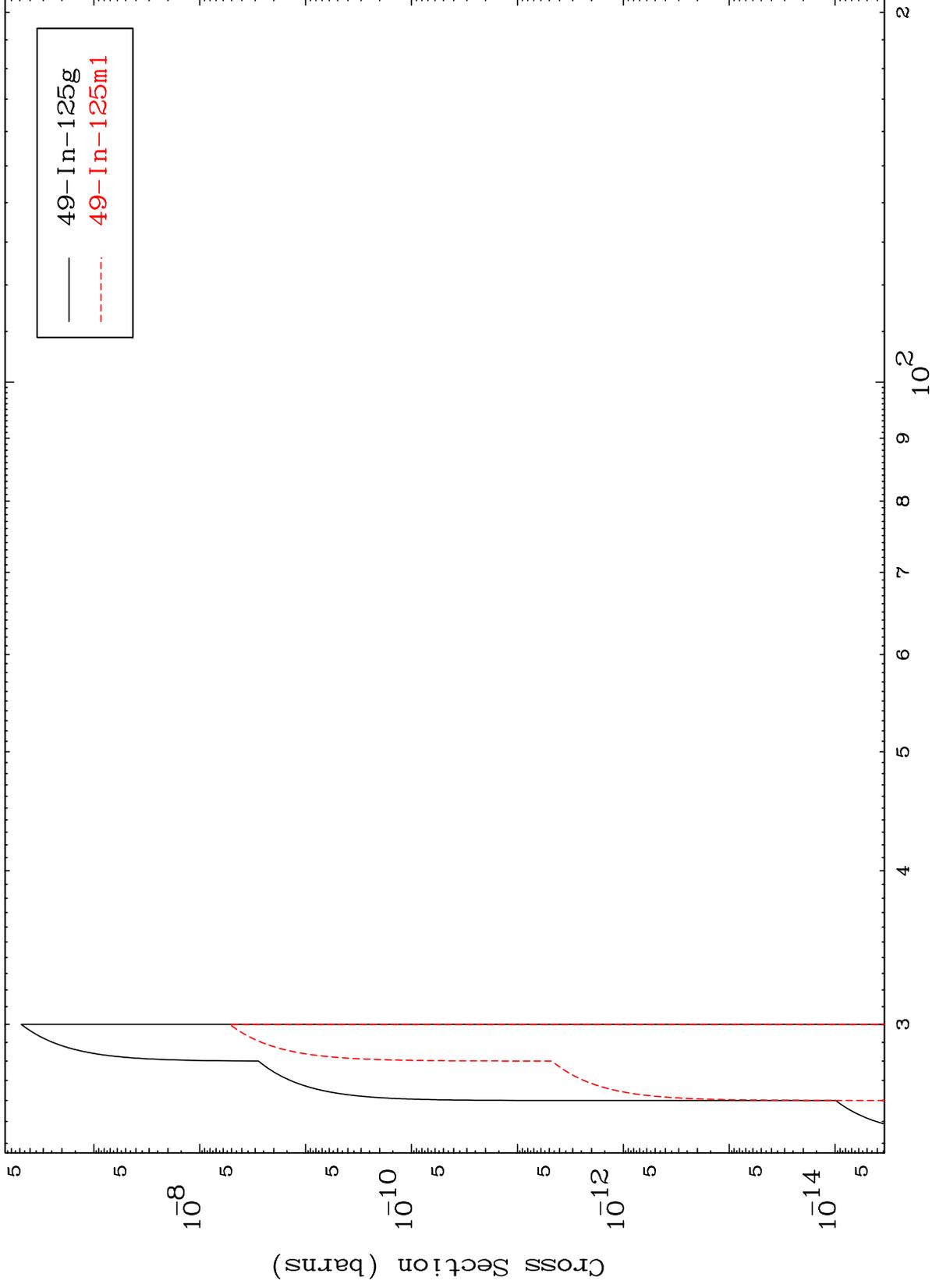
50-Sn-128

MAT 5074

$(\gamma, 2n)$ p

50-Sn-128

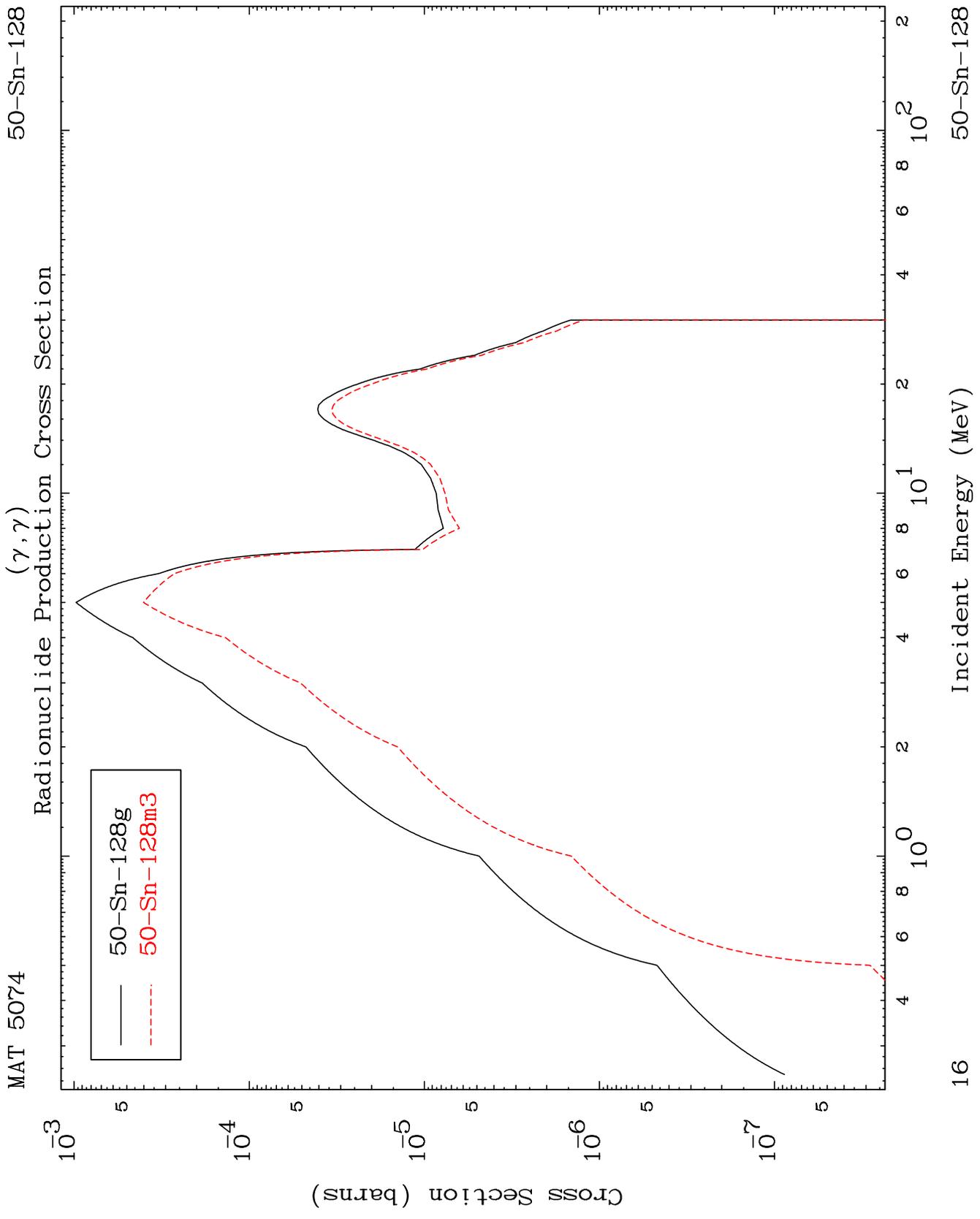
Radionuclide Production Cross Section



15

Incident Energy (MeV)

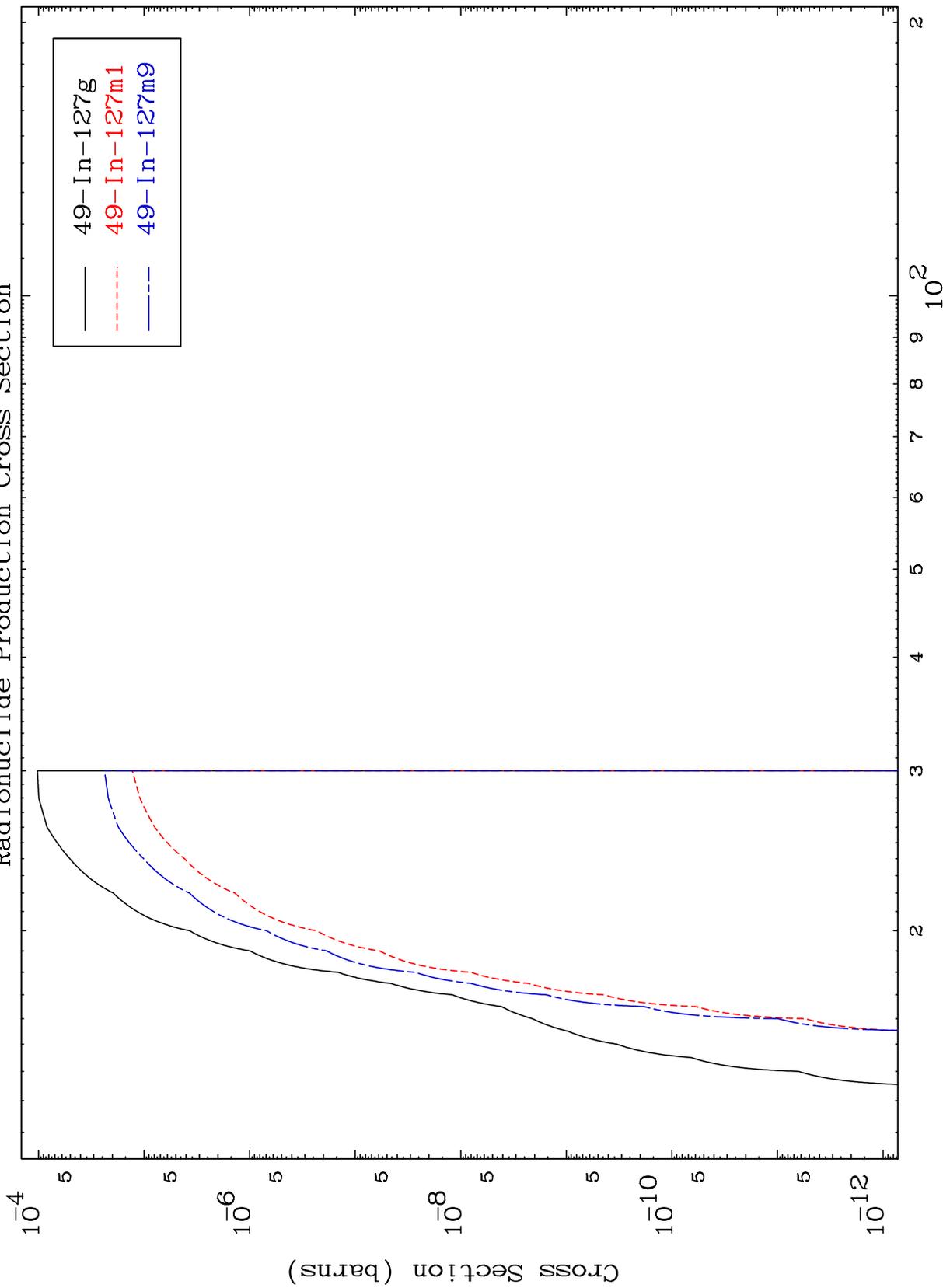
50-Sn-128



MAT 5074

50-Sn-128

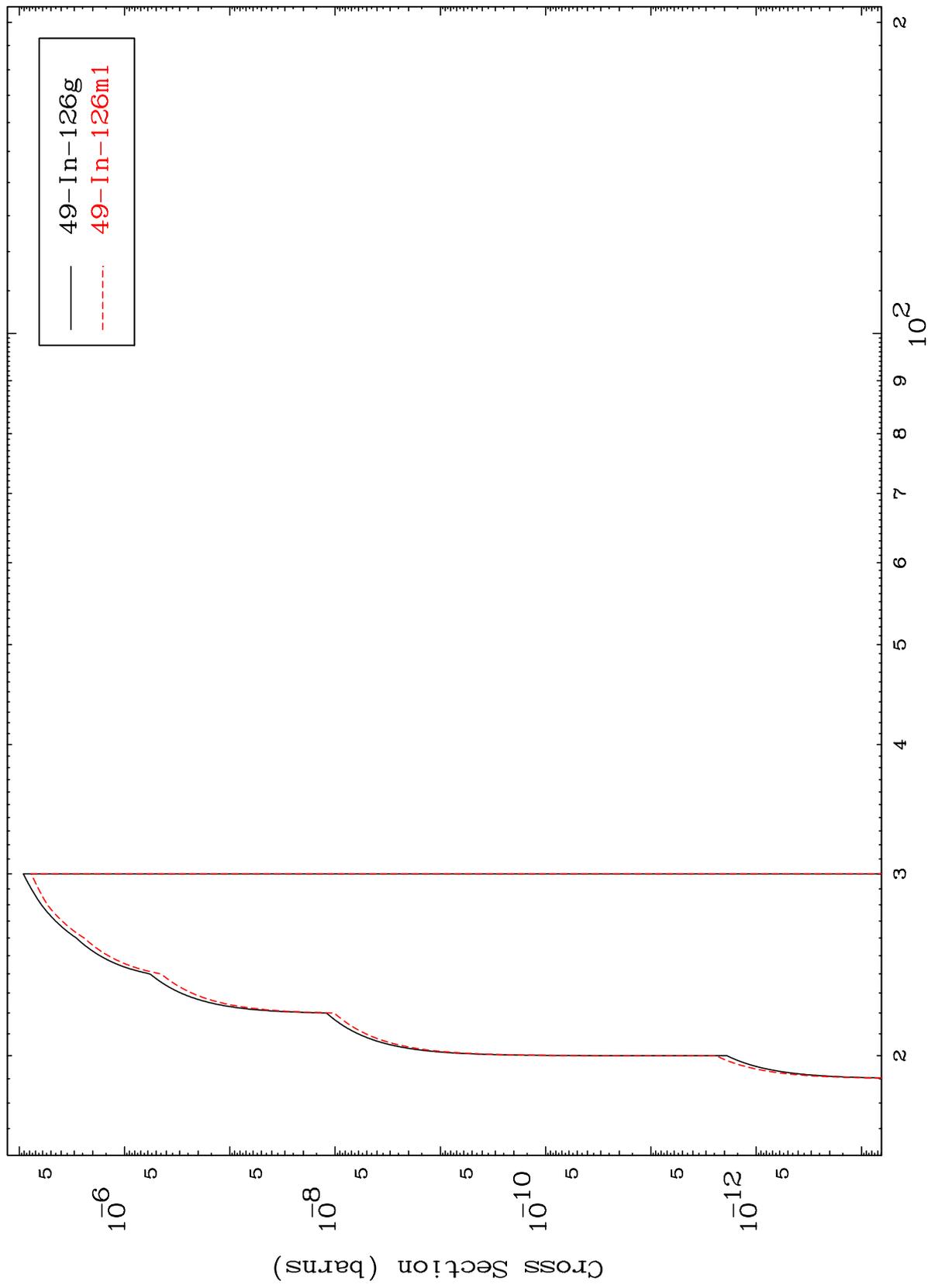
Radionuclide Production Cross Section
(γ, p)



MAT 5074

50-Sn-128

(γ, d)
Radionuclide Production Cross Section



18

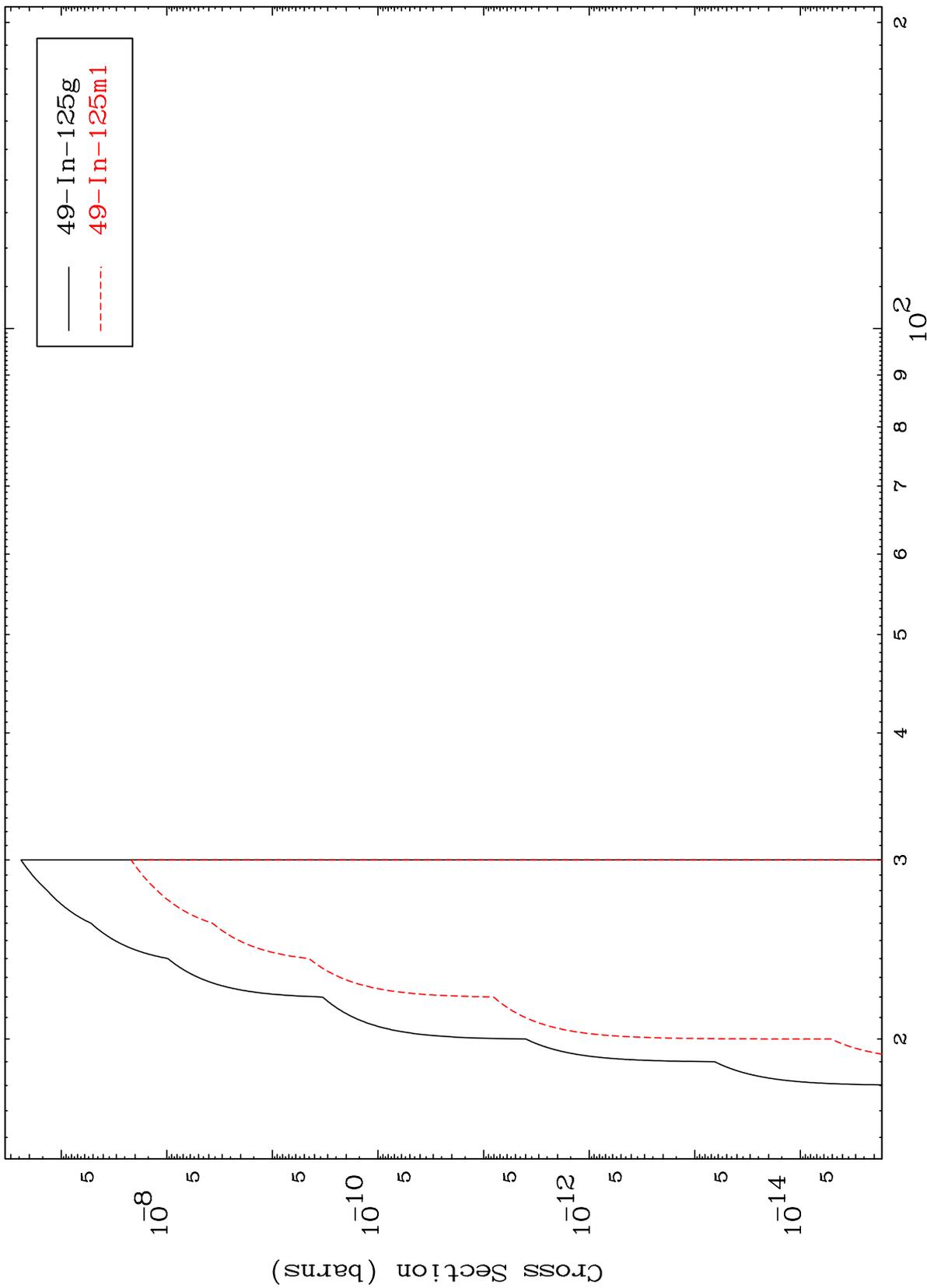
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

(γ, t)
Radionuclide Production Cross Section



19

50-Sn-128

Incident Energy (MeV)