

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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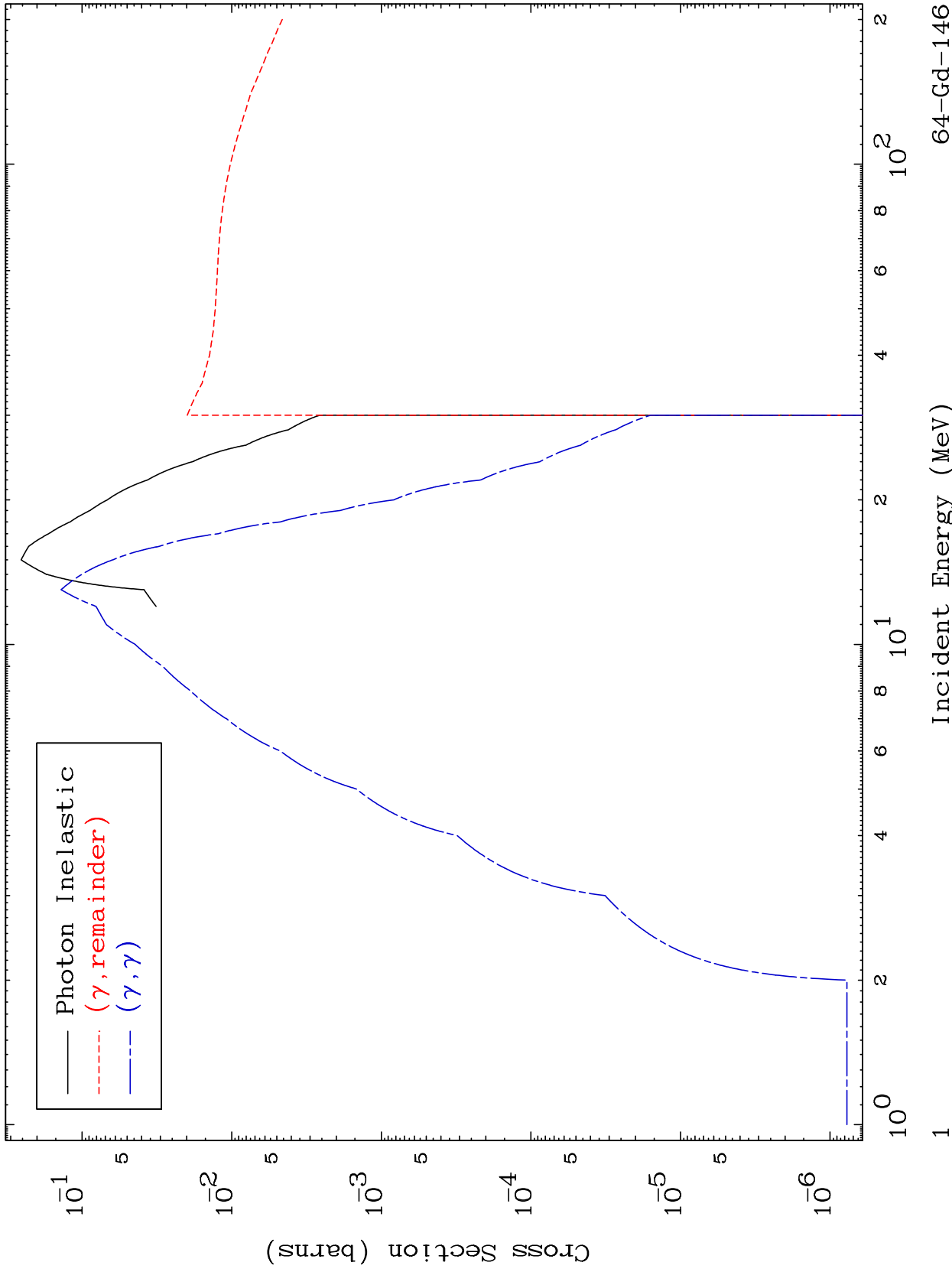
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6407

Photon Major
0 Kelvin Cross Sections

64-Gd-146

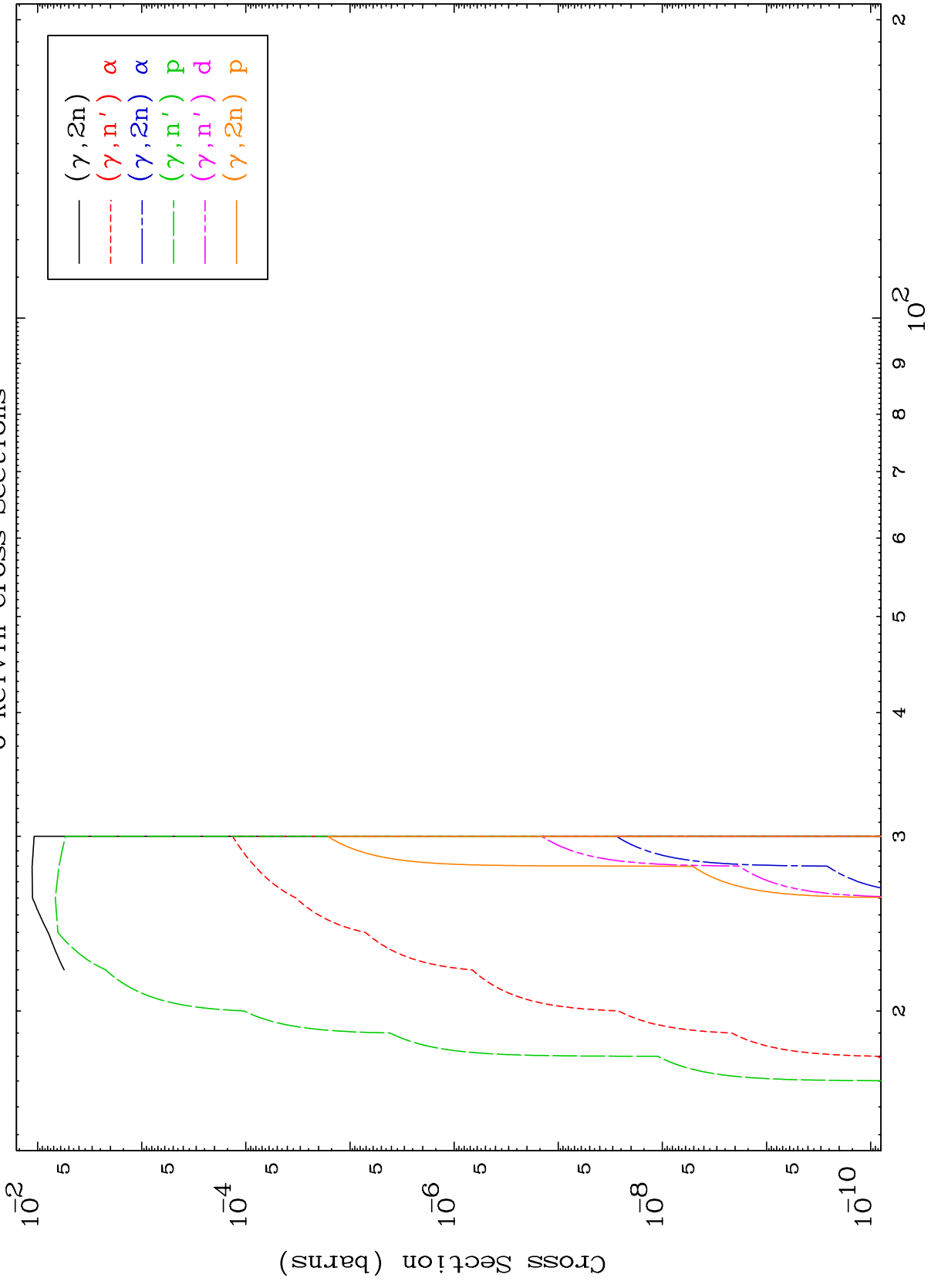


64-Gd-146

MAT 6407

Photon Neutron Production
0 Kelvin Cross Sections

64-Gd-146



2

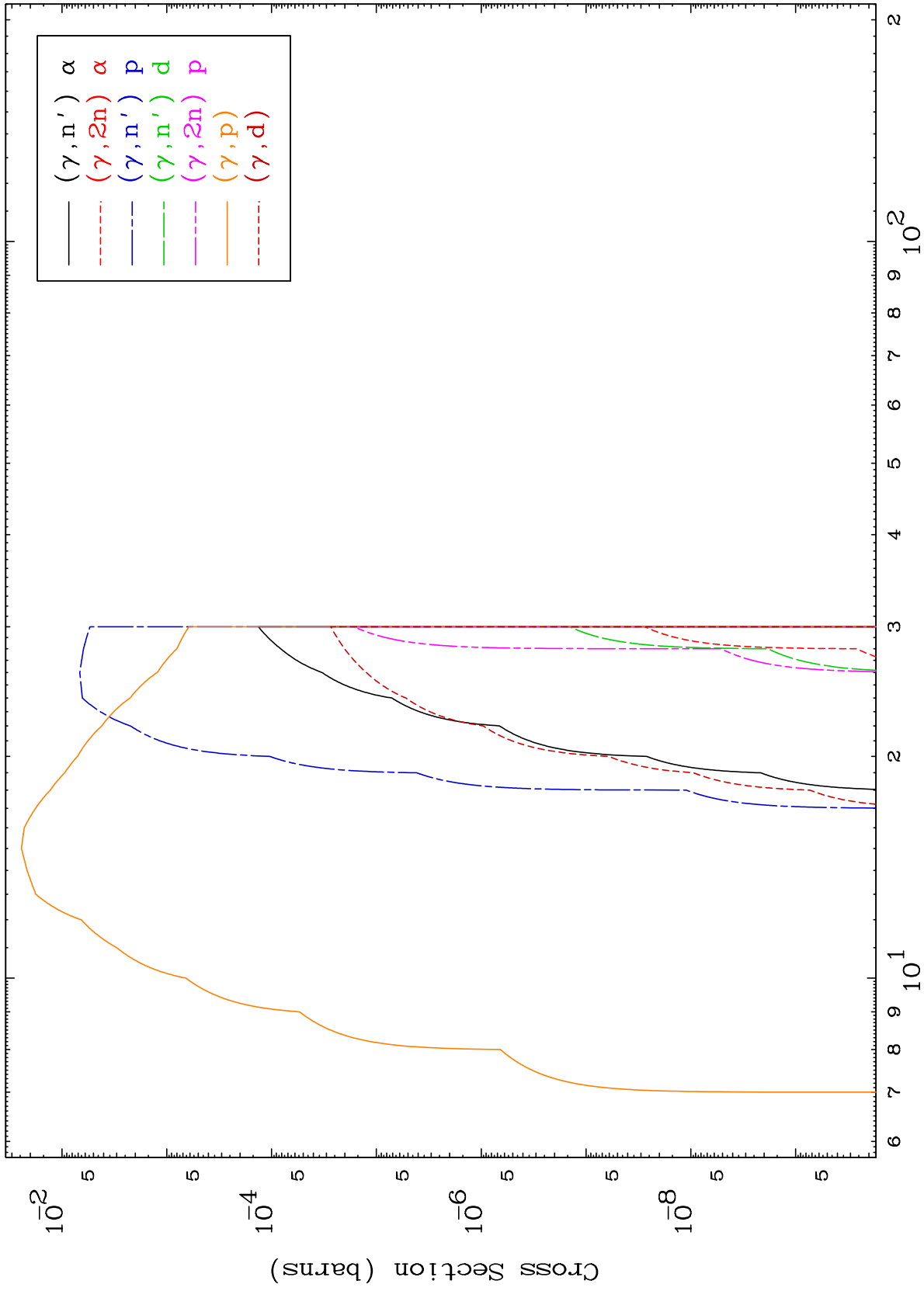
Incident Energy (MeV)

64-Gd-146

MAT 6407

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-146



3

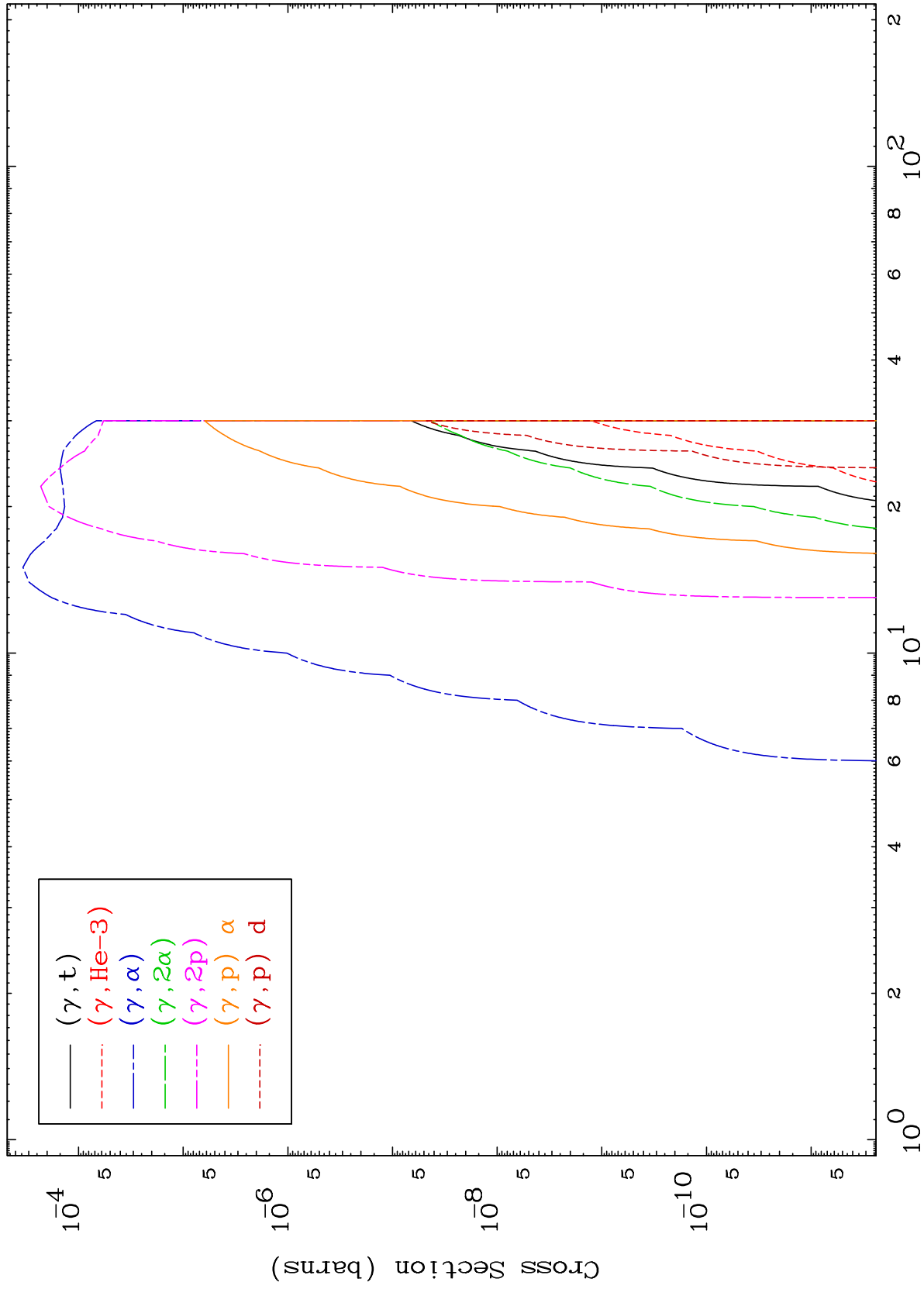
Incident Energy (MeV)

64-Gd-146

MAT 6407

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-146



64-Gd-146

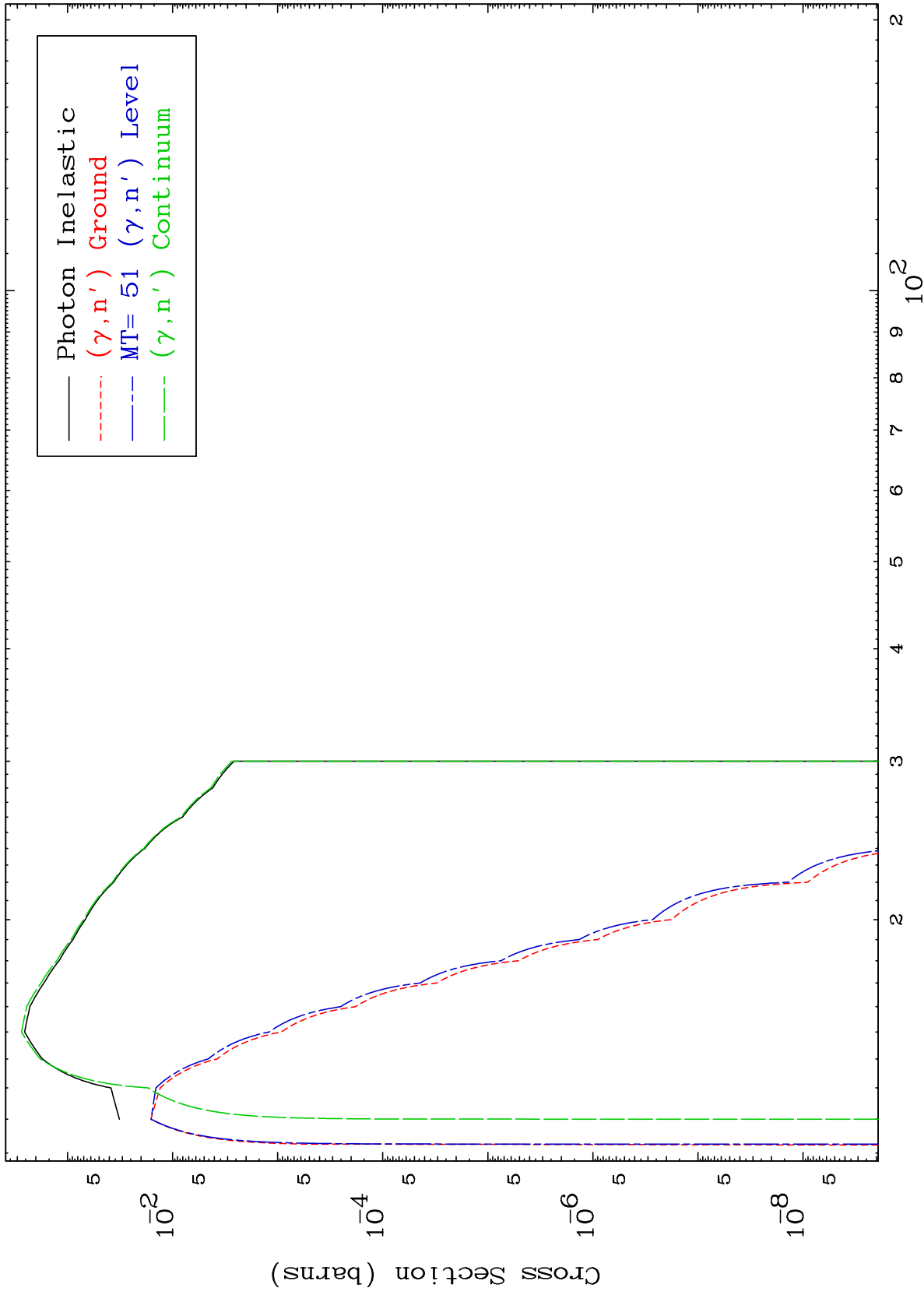
Incident Energy (MeV)

4

MAT 6407

(γ, n') Level
0 Kelvin Cross Sections

64-Gd-146



5

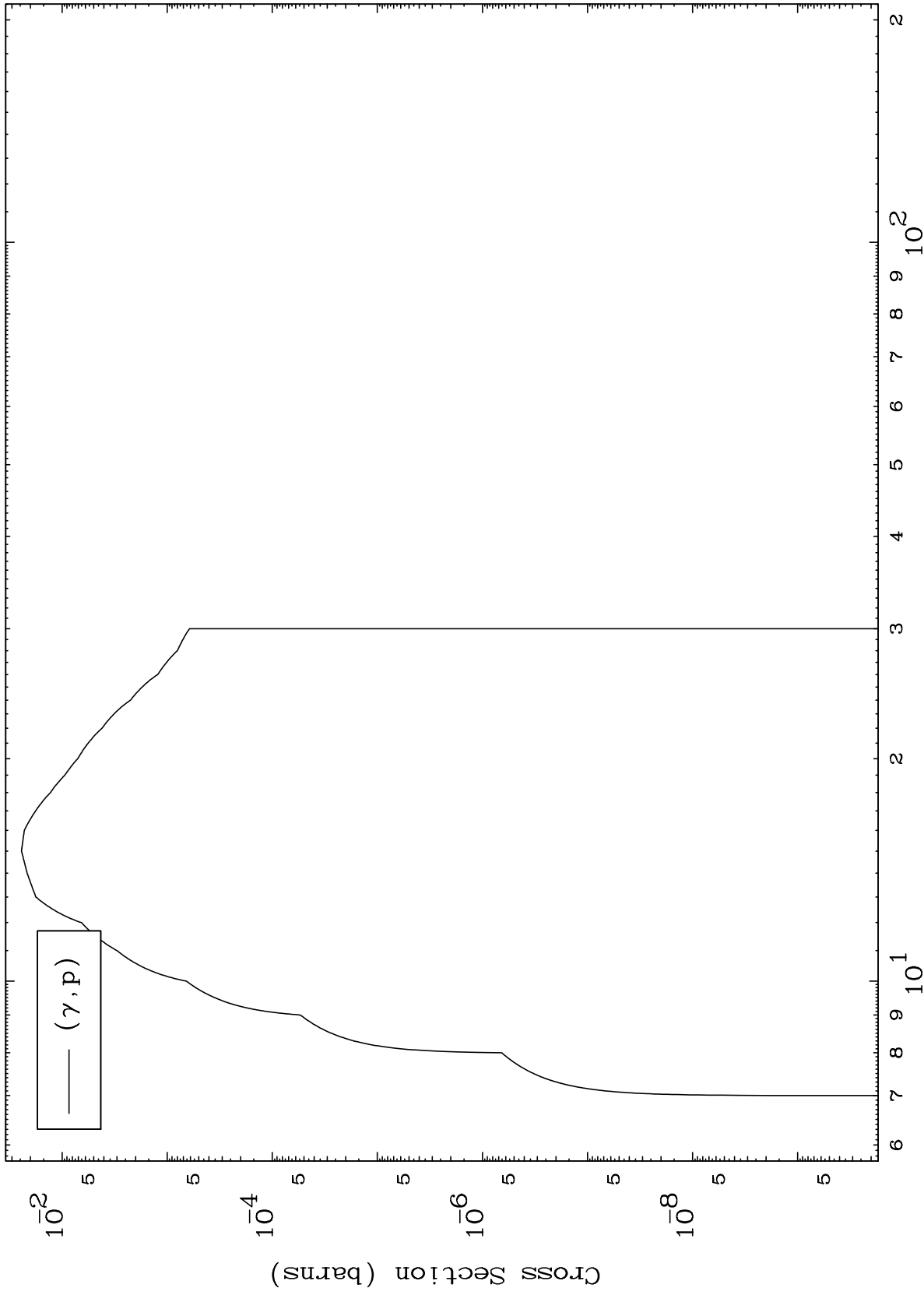
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(γ, p) Levels
0 Kelvin Cross Sections



6

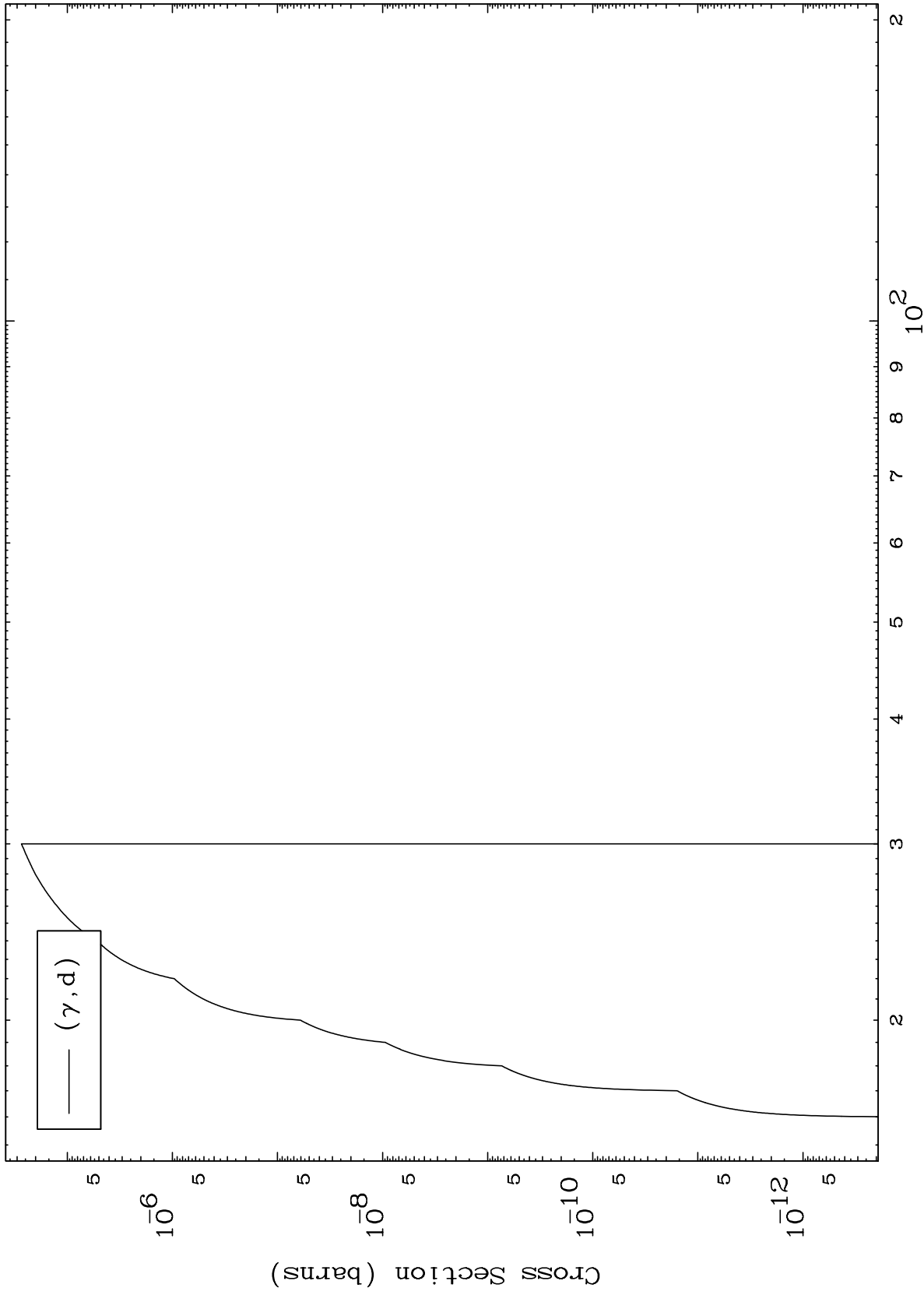
Incident Energy (MeV)

64-Gd-146

MAT 6407

(γ, d) Levels
0 Kelvin Cross Sections

64-Gd-146



7

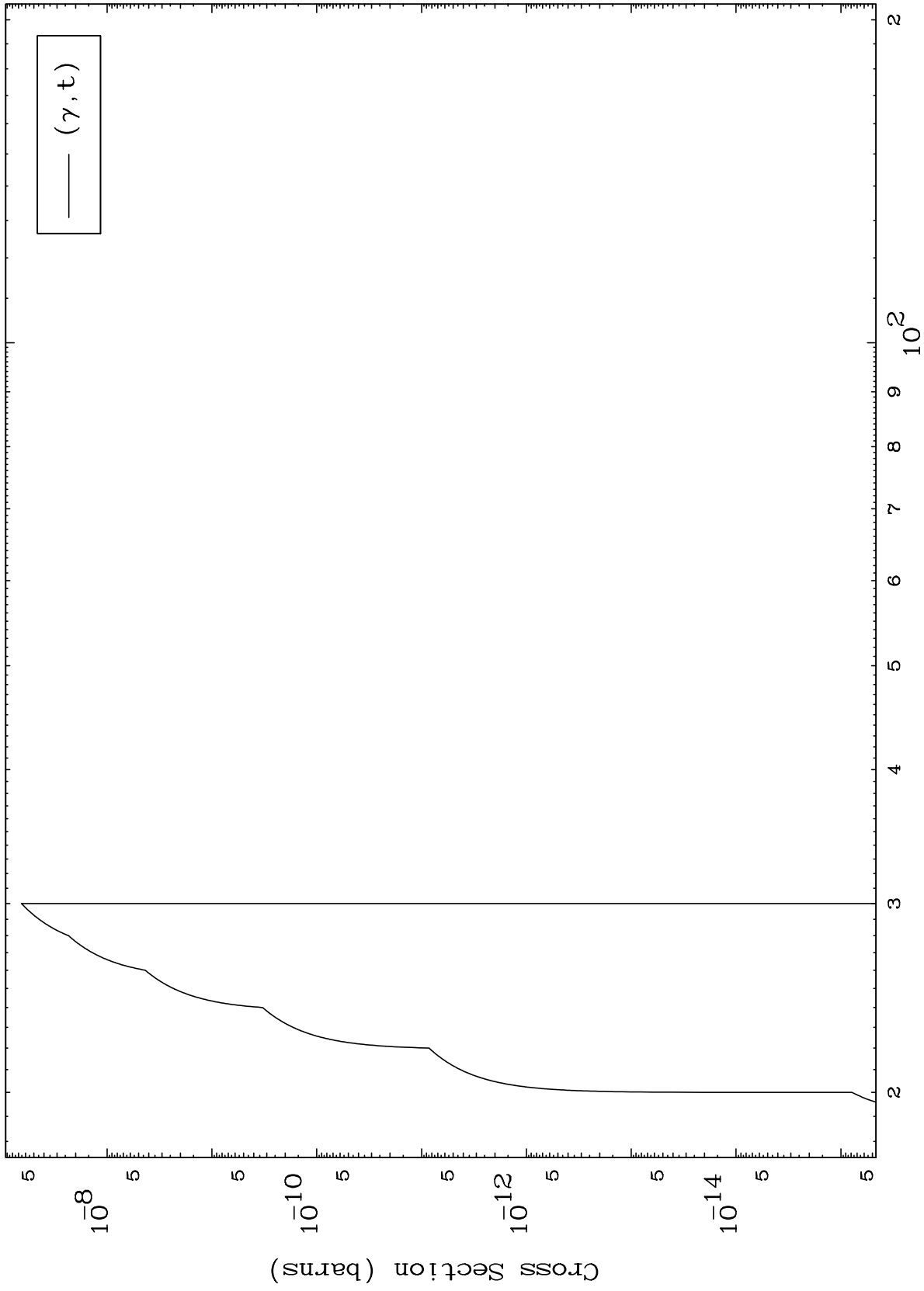
Incident Energy (MeV)

64-Gd-146

MAT 6407

(γ, t) Levels
0 Kelvin Cross Sections

64-Gd-146



8

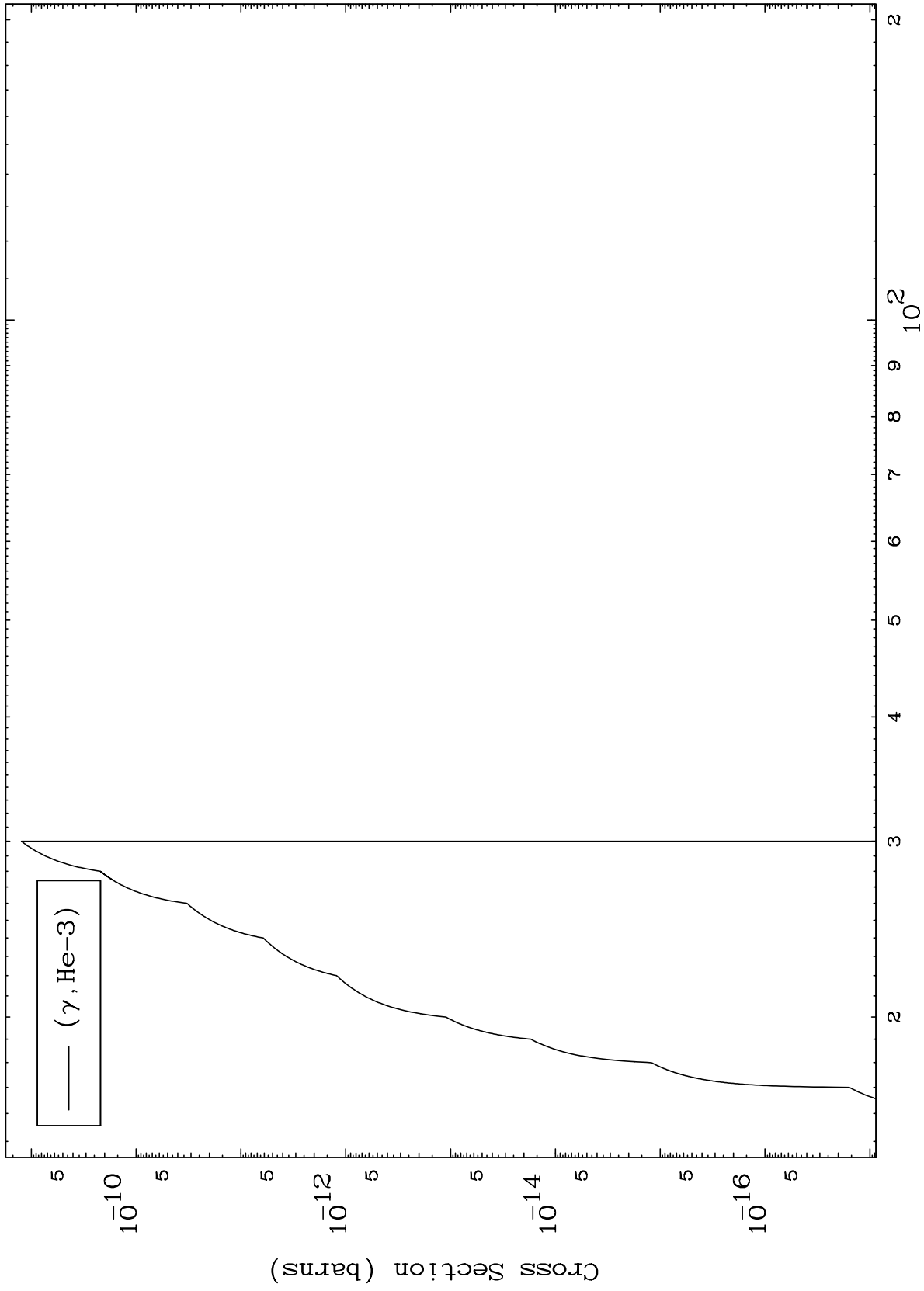
Incident Energy (MeV)

64-Gd-146

MAT 6407

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

64-Gd-146



9

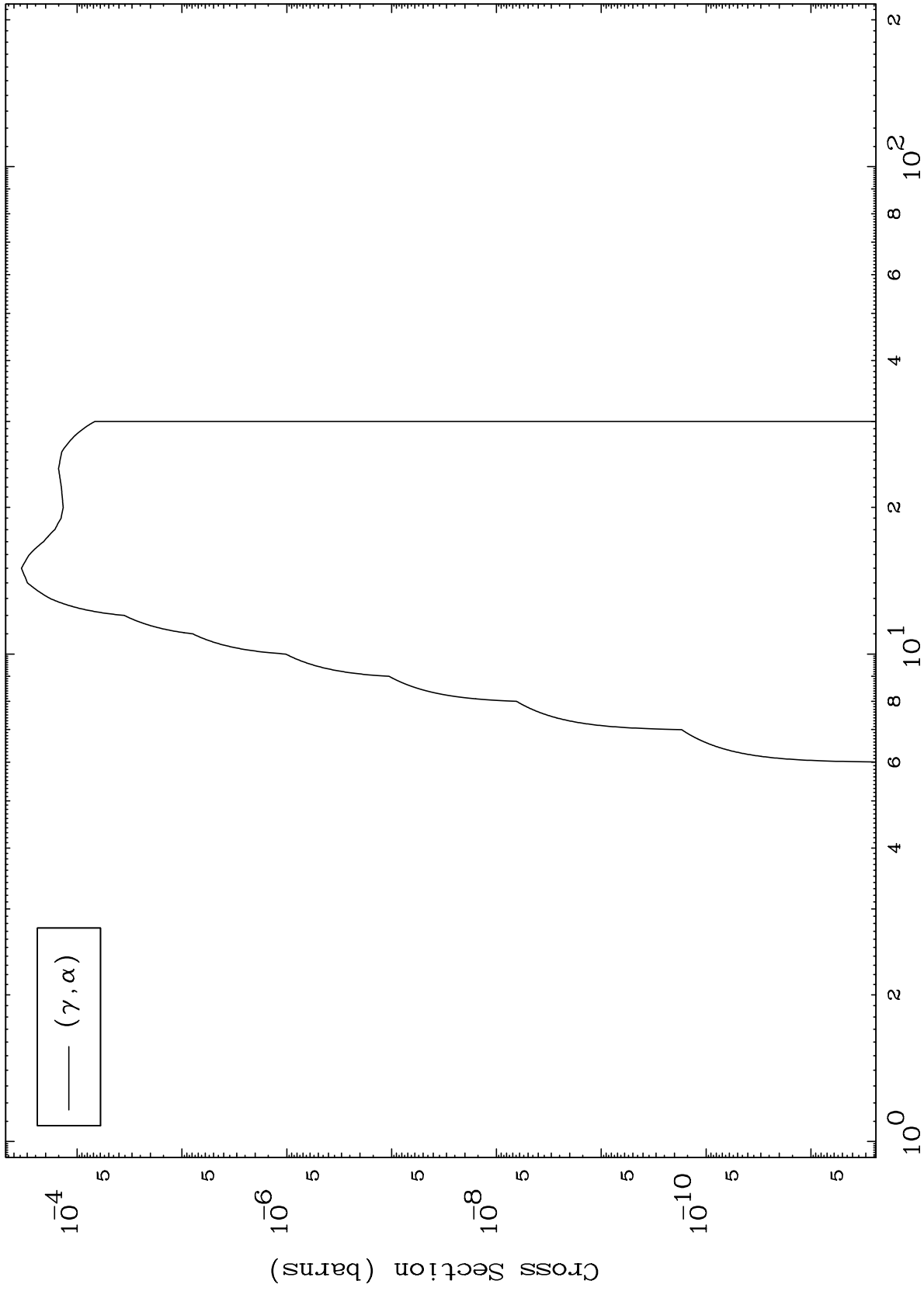
Incident Energy (MeV)

64-Gd-146

MAT 6407

(γ, α) Levels
0 Kelvin Cross Sections

64-Gd-146



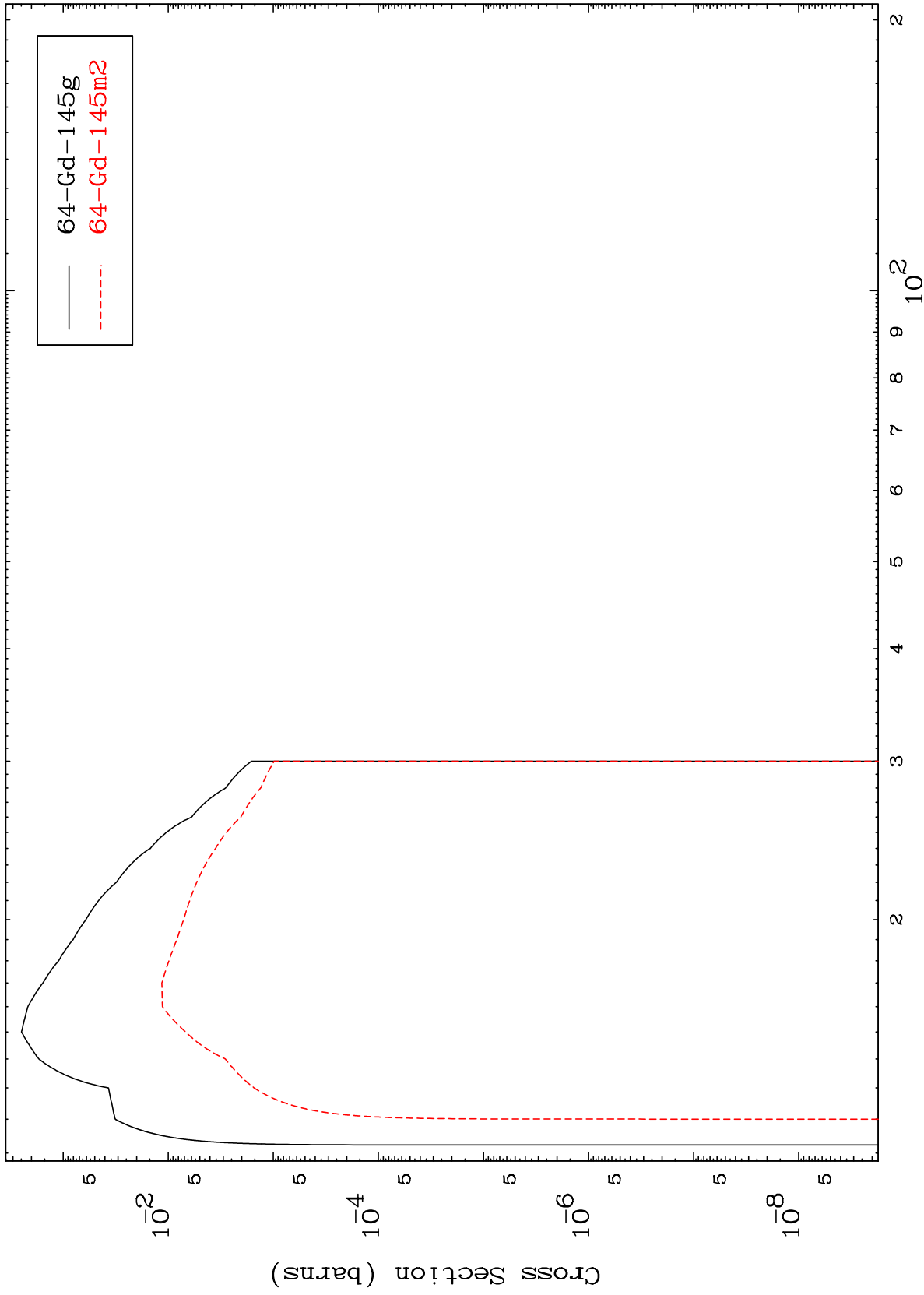
Incident Energy (MeV)

64-Gd-146

MAT 6407

Photon Inelastic
Radionuclide Production Cross Section

64-Gd-146



11

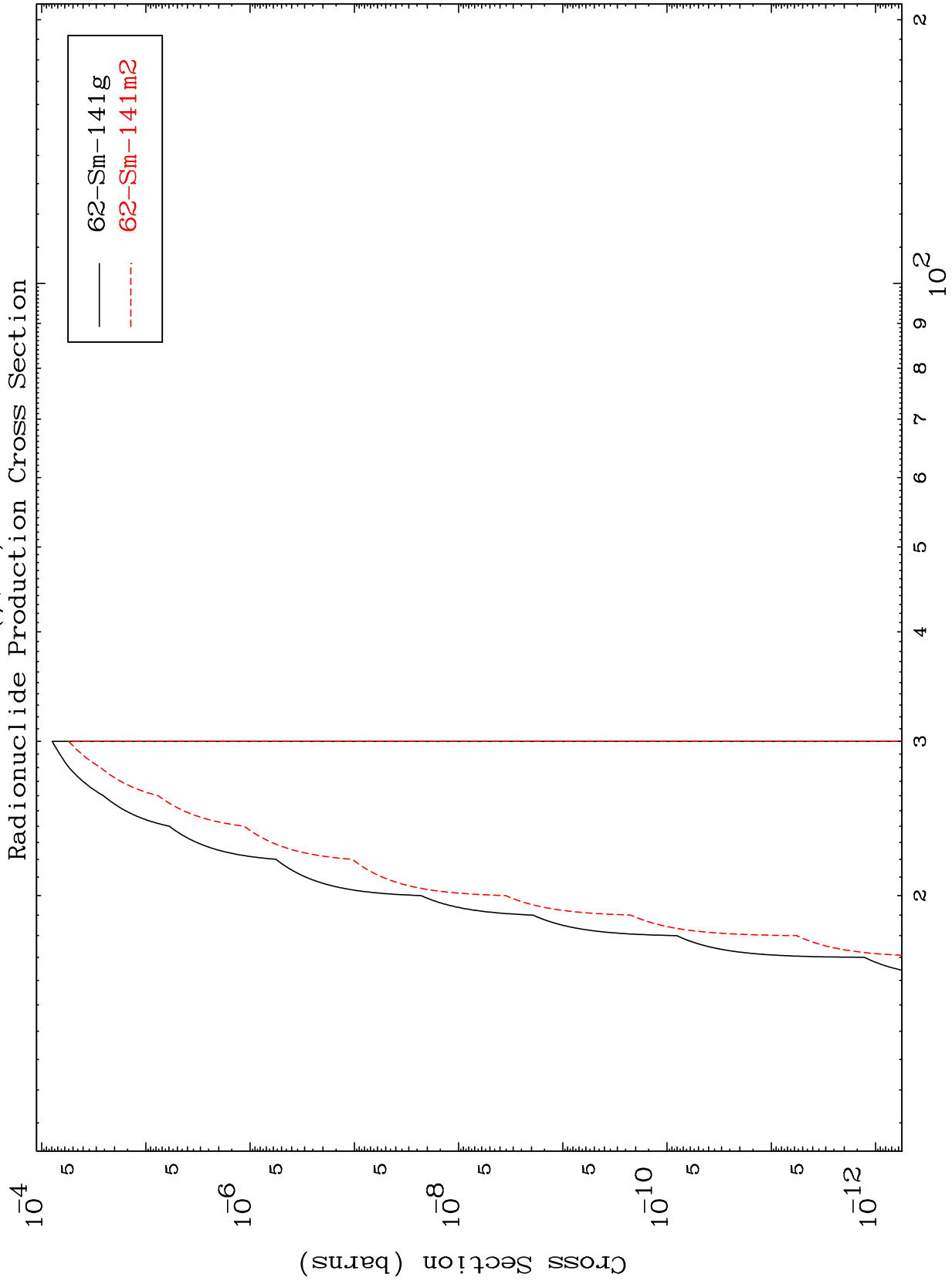
Incident Energy (MeV)

64-Gd-146

MAT 6407

(γ, n') α

64-Gd-146



12

Incident Energy (MeV)

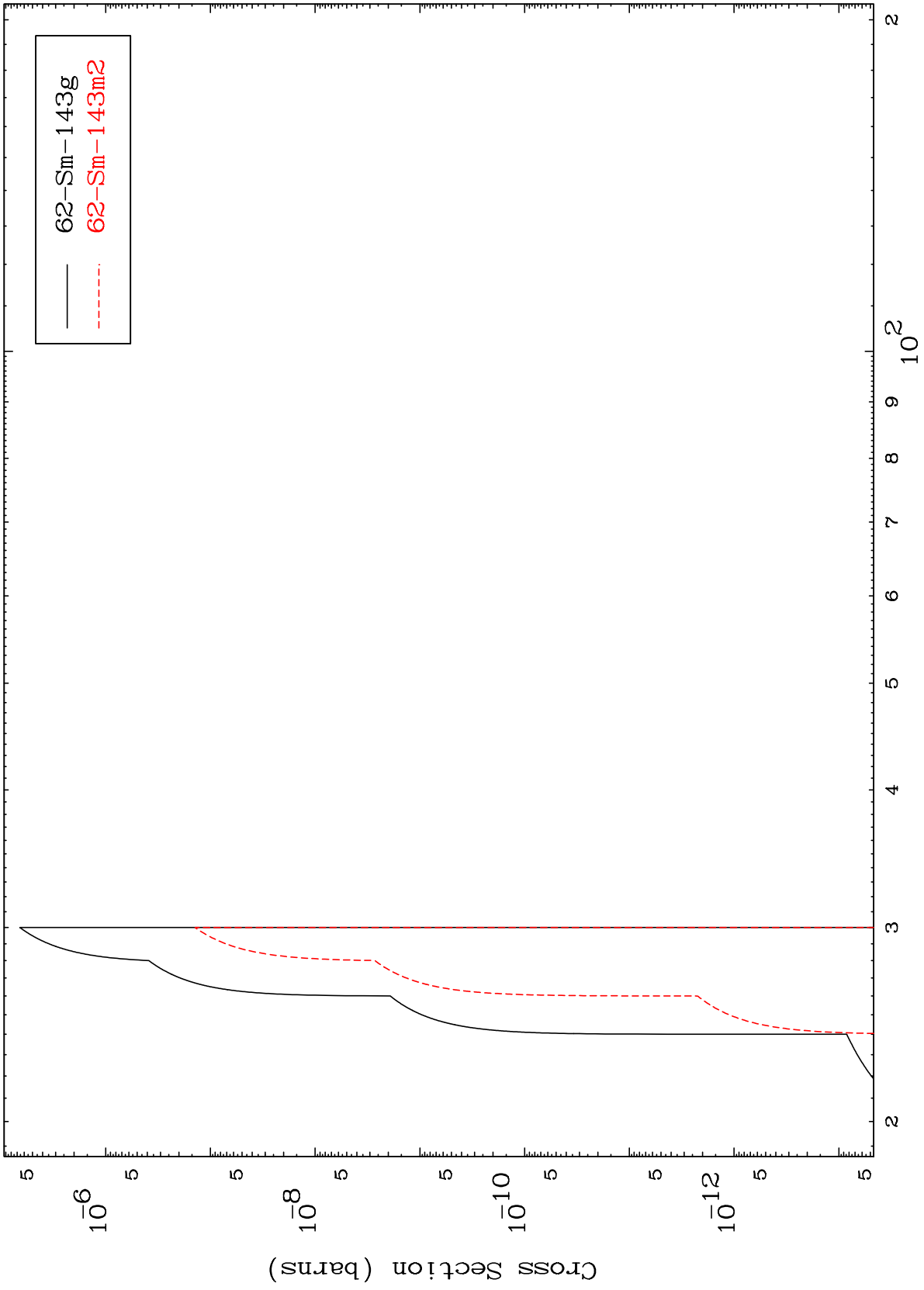
64-Gd-146

MAT 6407

($\gamma, 2n$) p

64-Gd-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

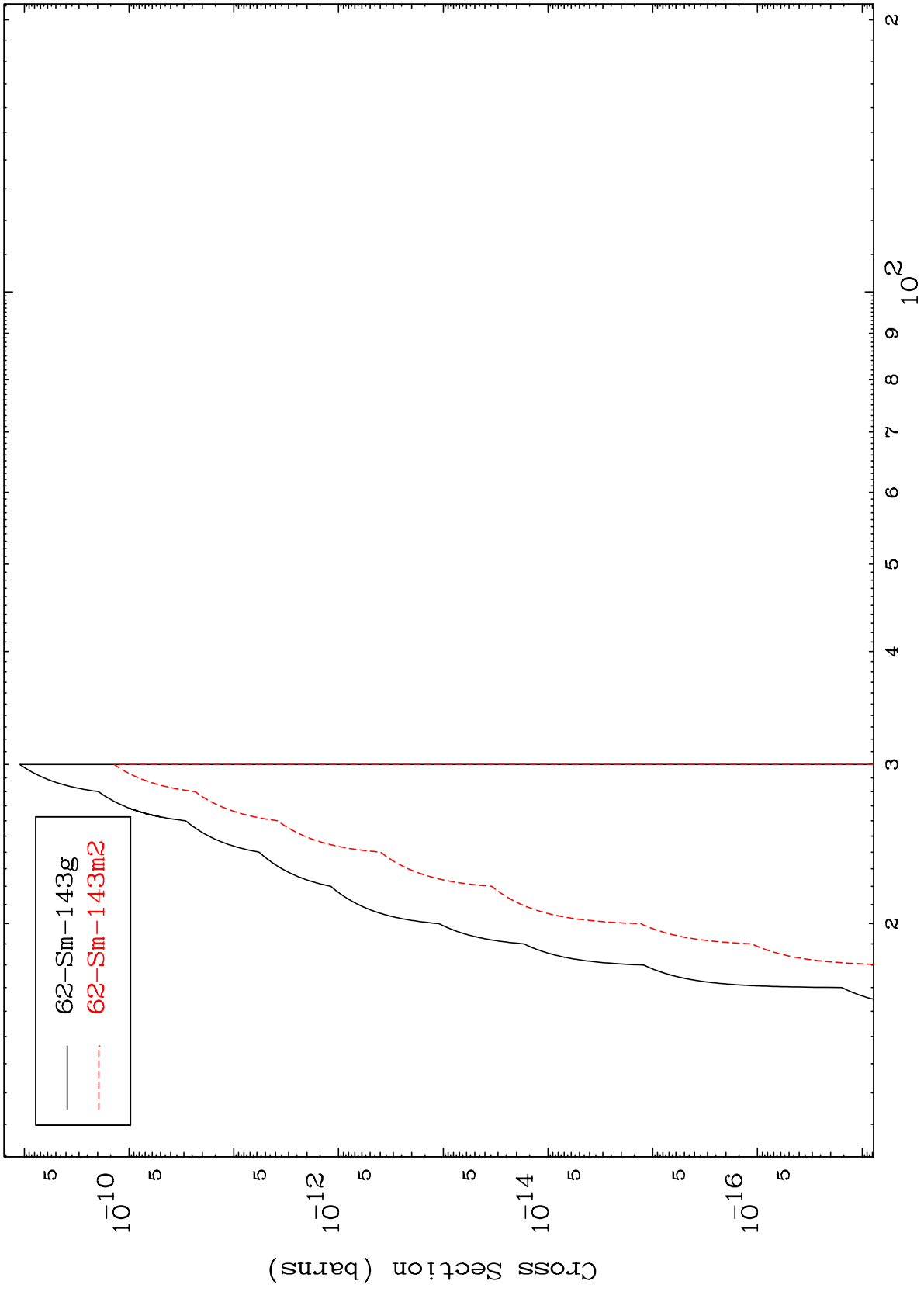
64-Gd-146

MAT 6407

($\gamma, \text{He-3}$)

64-Gd-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

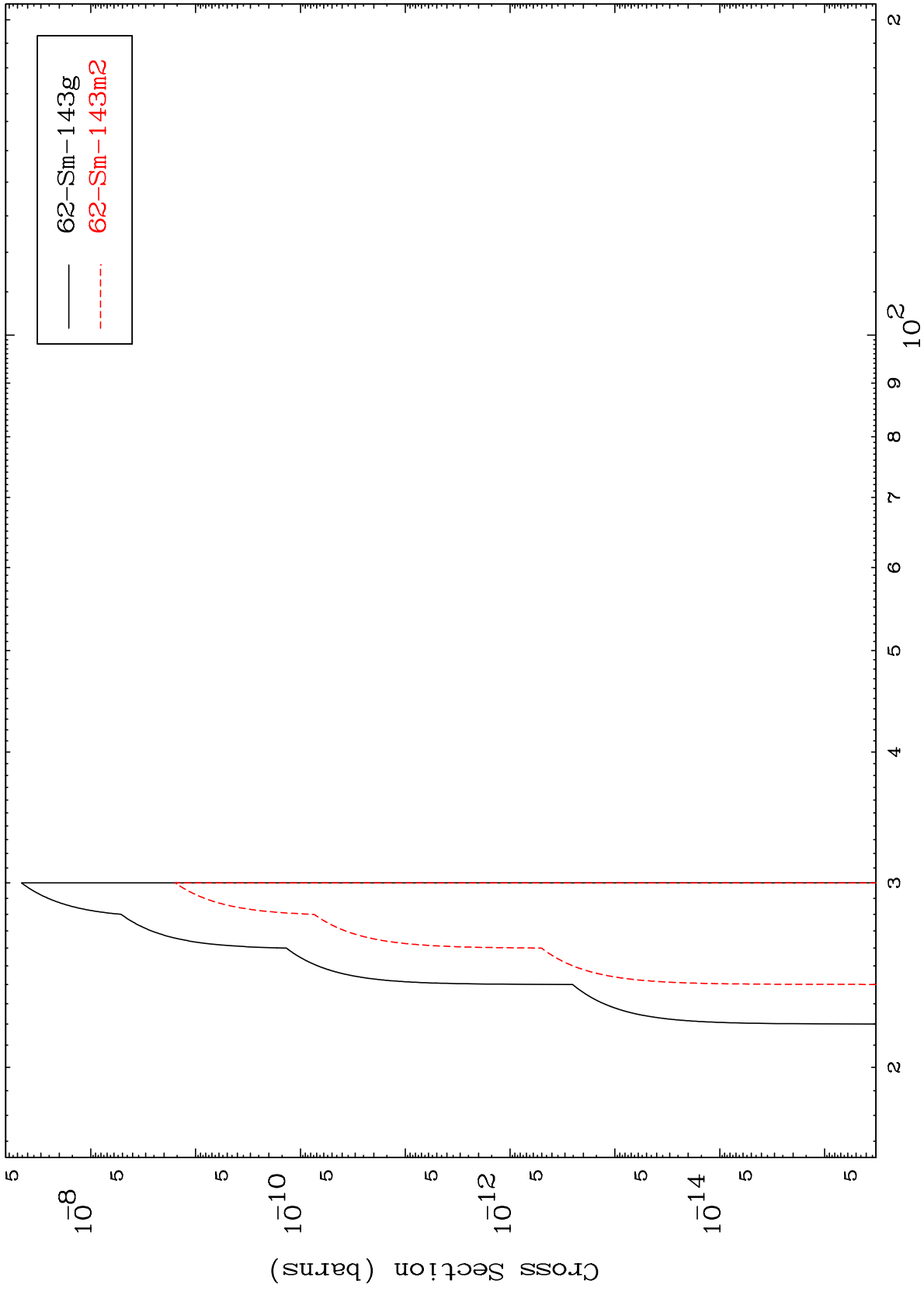
64-Gd-146

MAT 6407

(γ, p) d

64-Gd-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-146