

Program EVALPLOT
(Version 2018-1)

by

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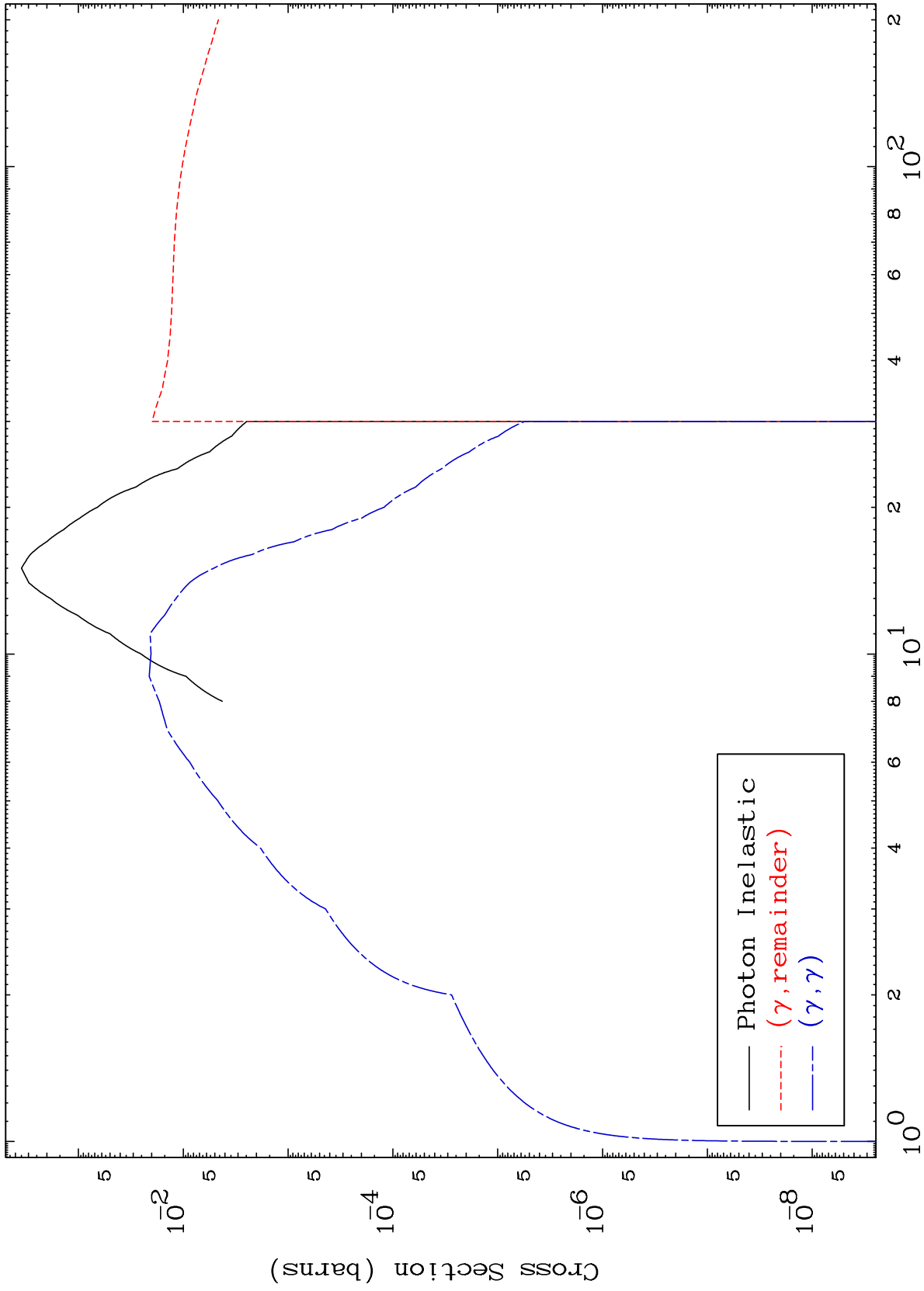
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6410

Photon Major
0 Kelvin Cross Sections

64-Gd-147



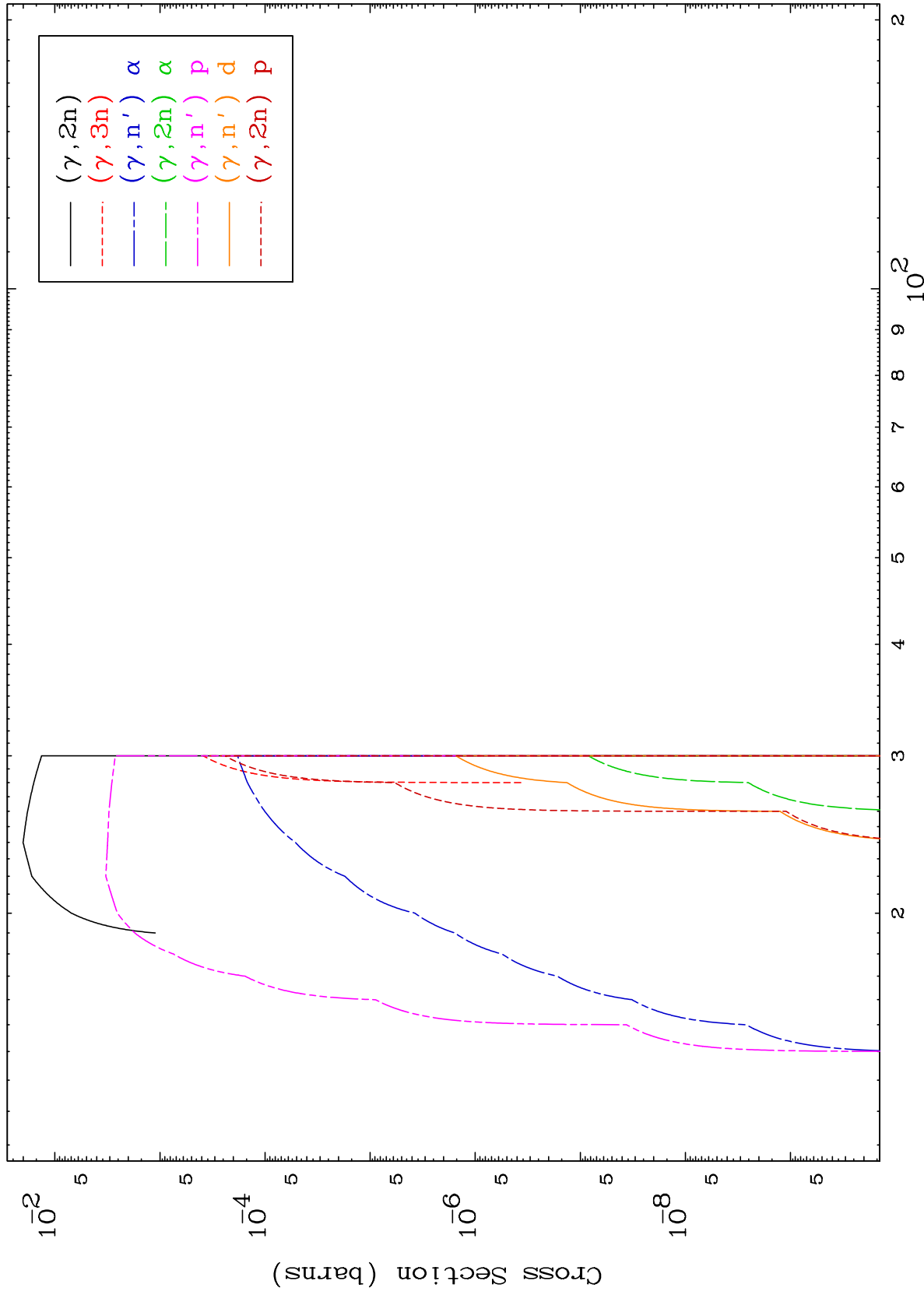
Incident Energy (MeV)

64-Gd-147

MAT 6410

Photon Neutron Production
0 Kelvin Cross Sections

64-Gd-147



2

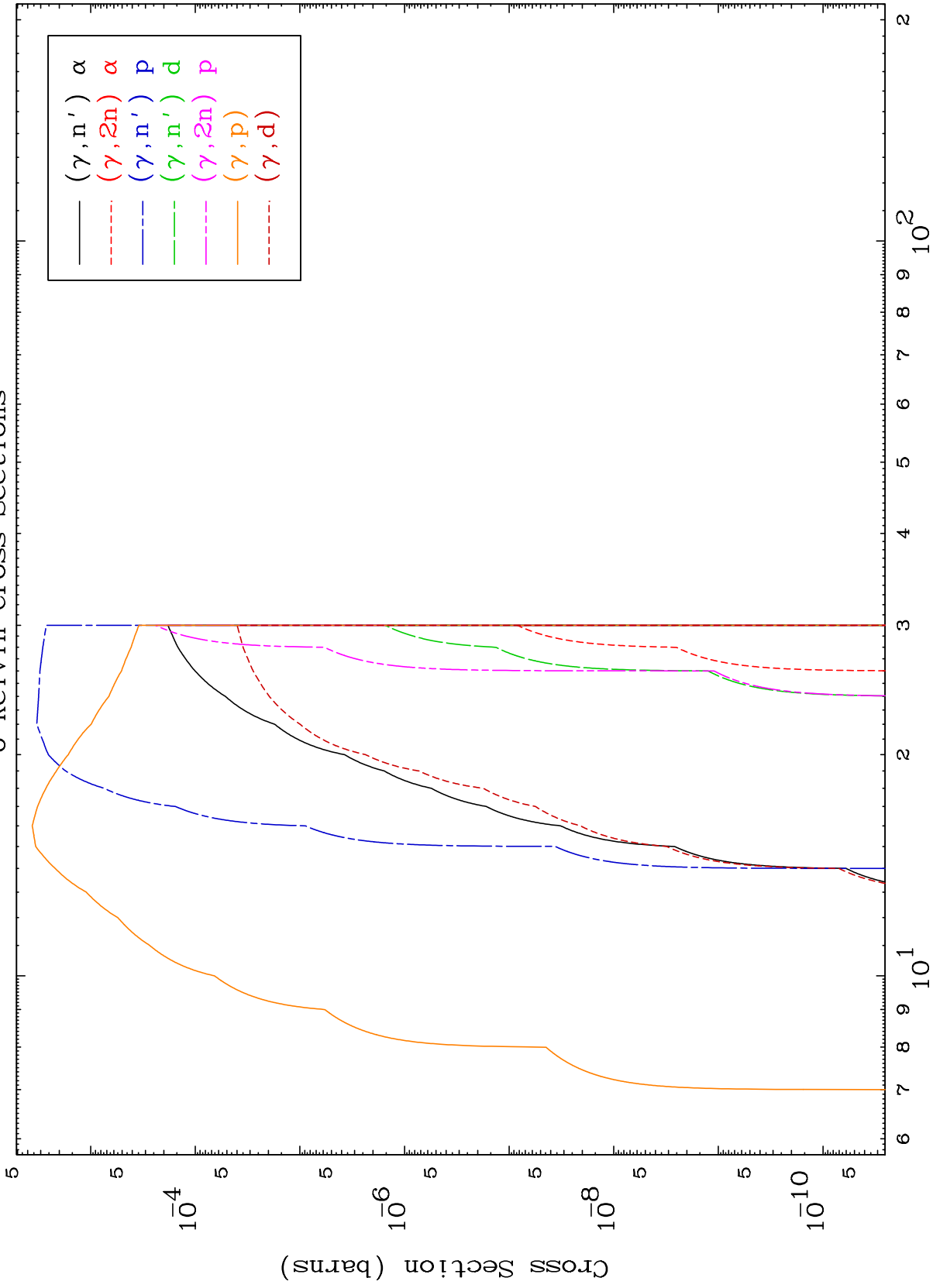
Incident Energy (MeV)

64-Gd-147

MAT 6410

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-147



3

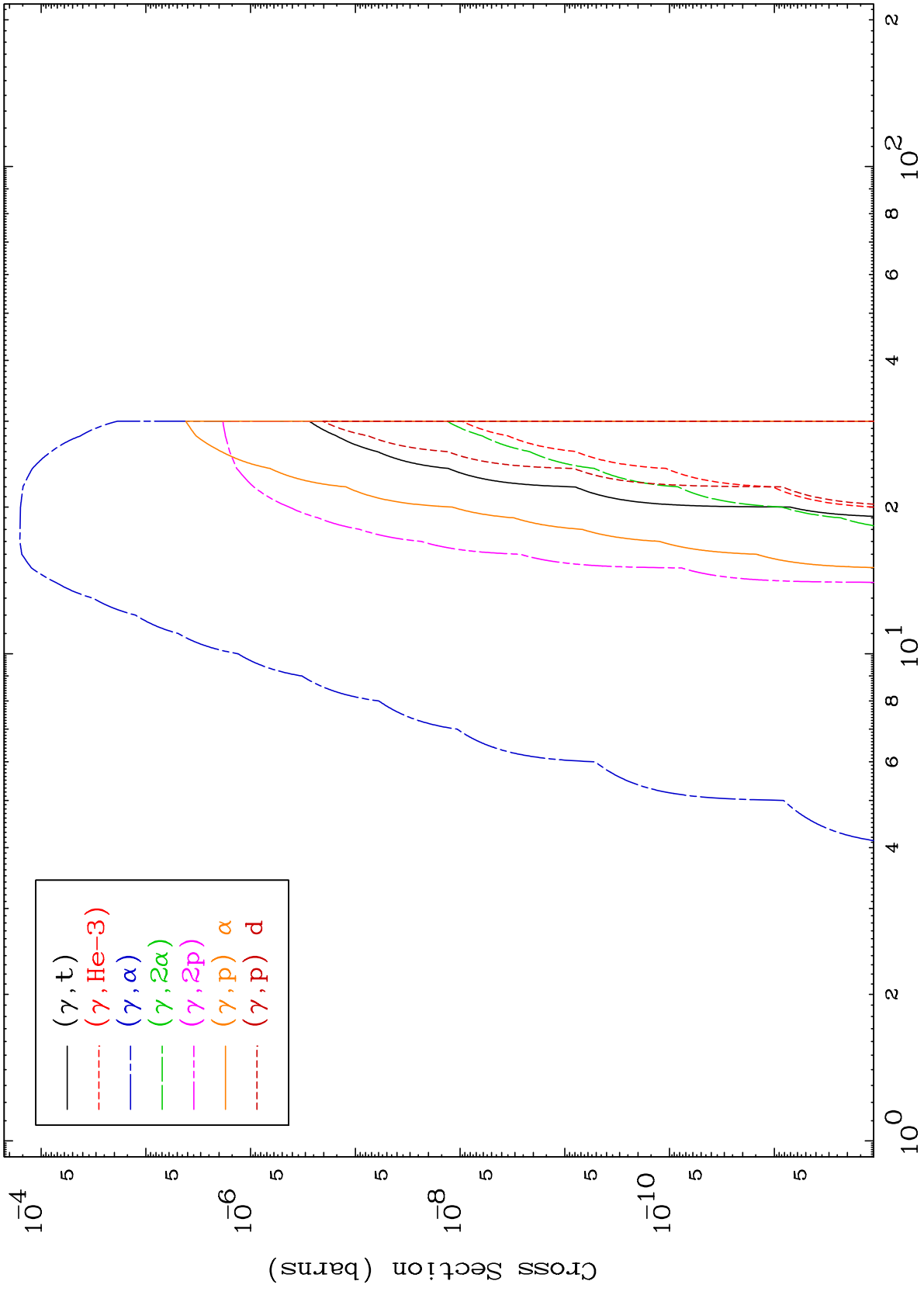
Incident Energy (MeV)

64-Gd-147

MAT 6410

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-147



64-Gd-147

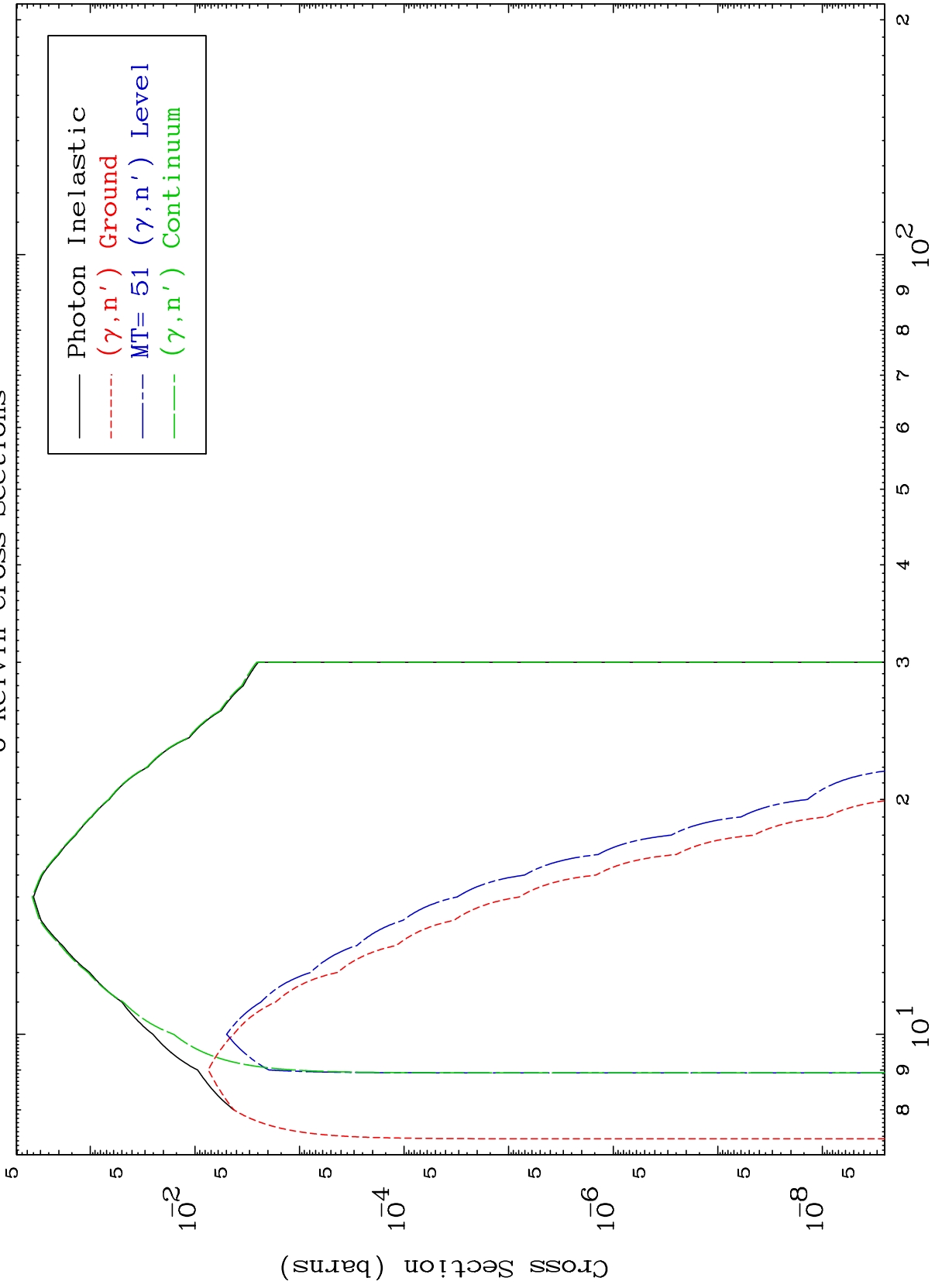
Incident Energy (MeV)

4

MAT 6410

(γ, n') Level
0 Kelvin Cross Sections

64-Gd-147



5

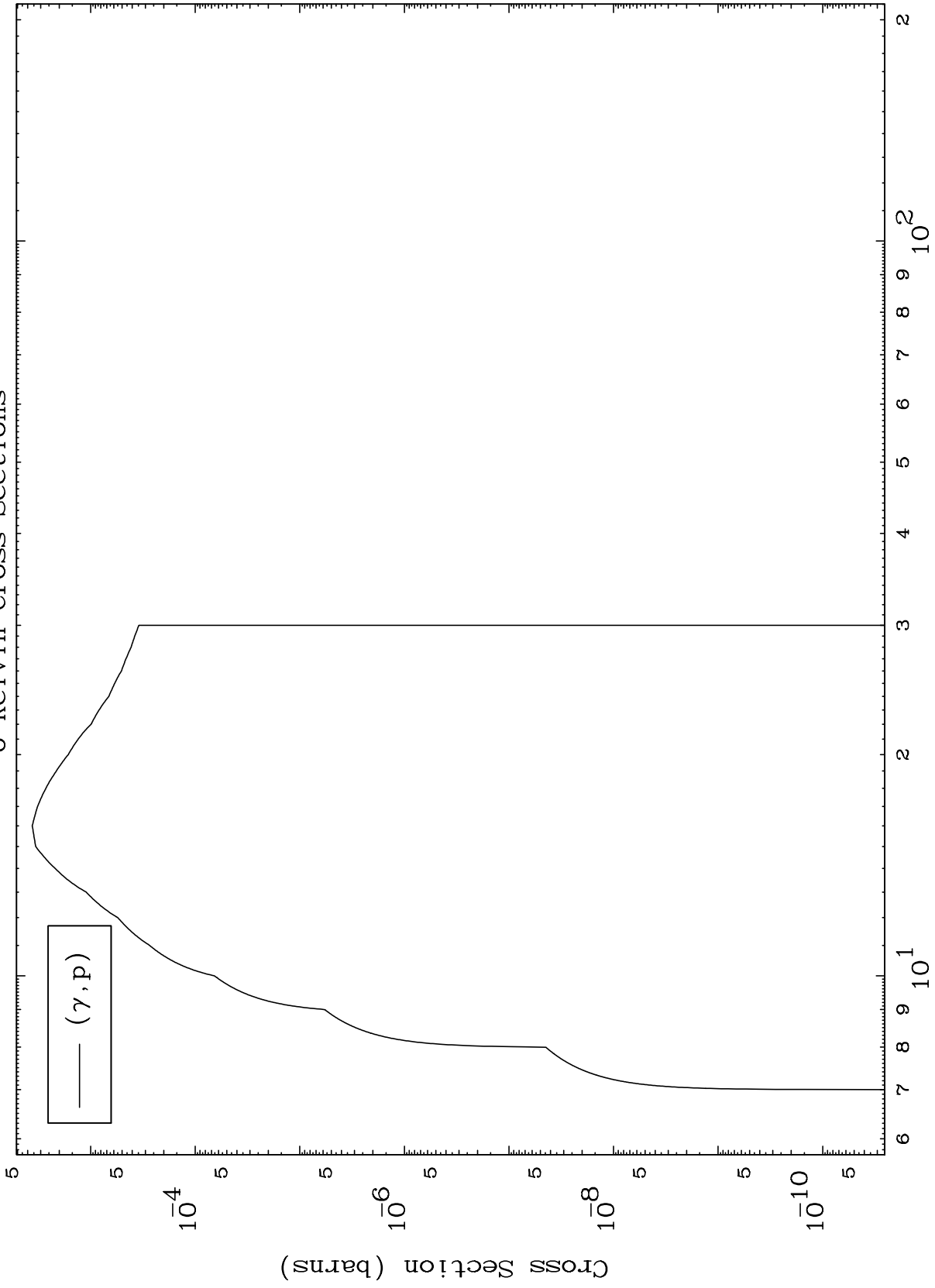
Incident Energy (MeV)

64-Gd-147

MAT 6410

(γ, p) Levels
0 Kelvin Cross Sections

64-Gd-147



(γ, p)

6

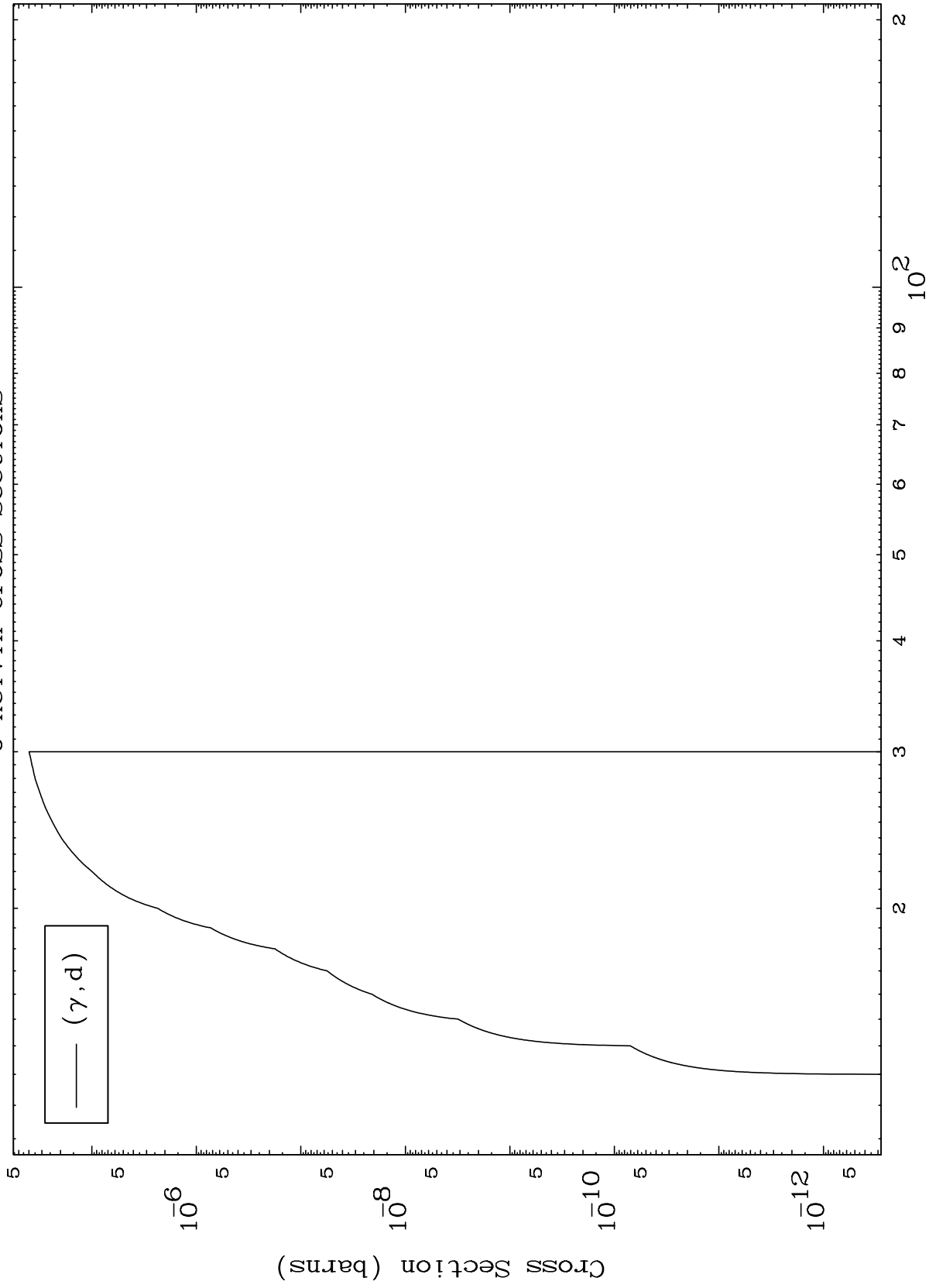
Incident Energy (MeV)

64-Gd-147

MAT 6410

(γ, d) Levels
0 Kelvin Cross Sections

64-Gd-147



7

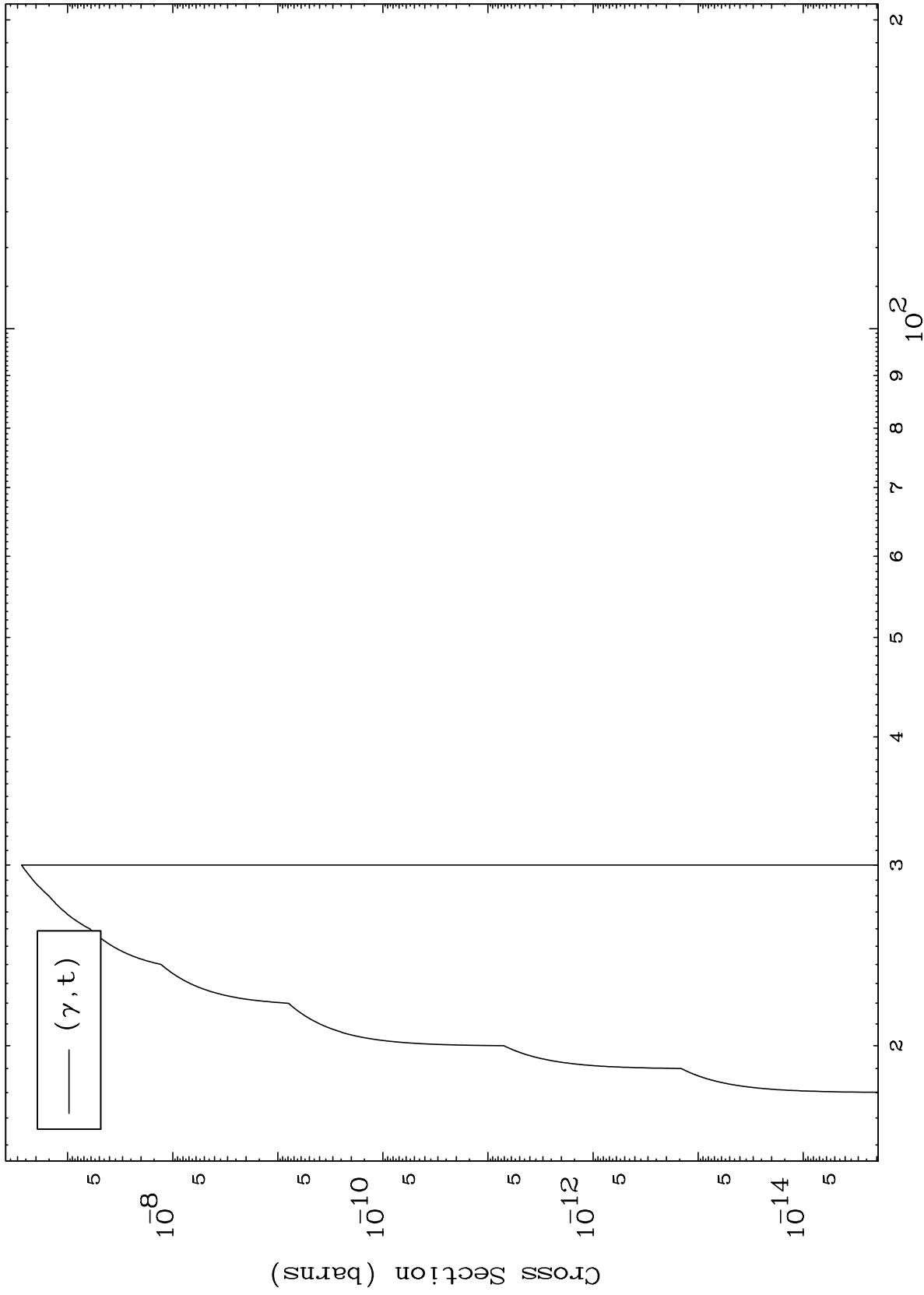
Incident Energy (MeV)

64-Gd-147

MAT 6410

(γ, t) Levels
0 Kelvin Cross Sections

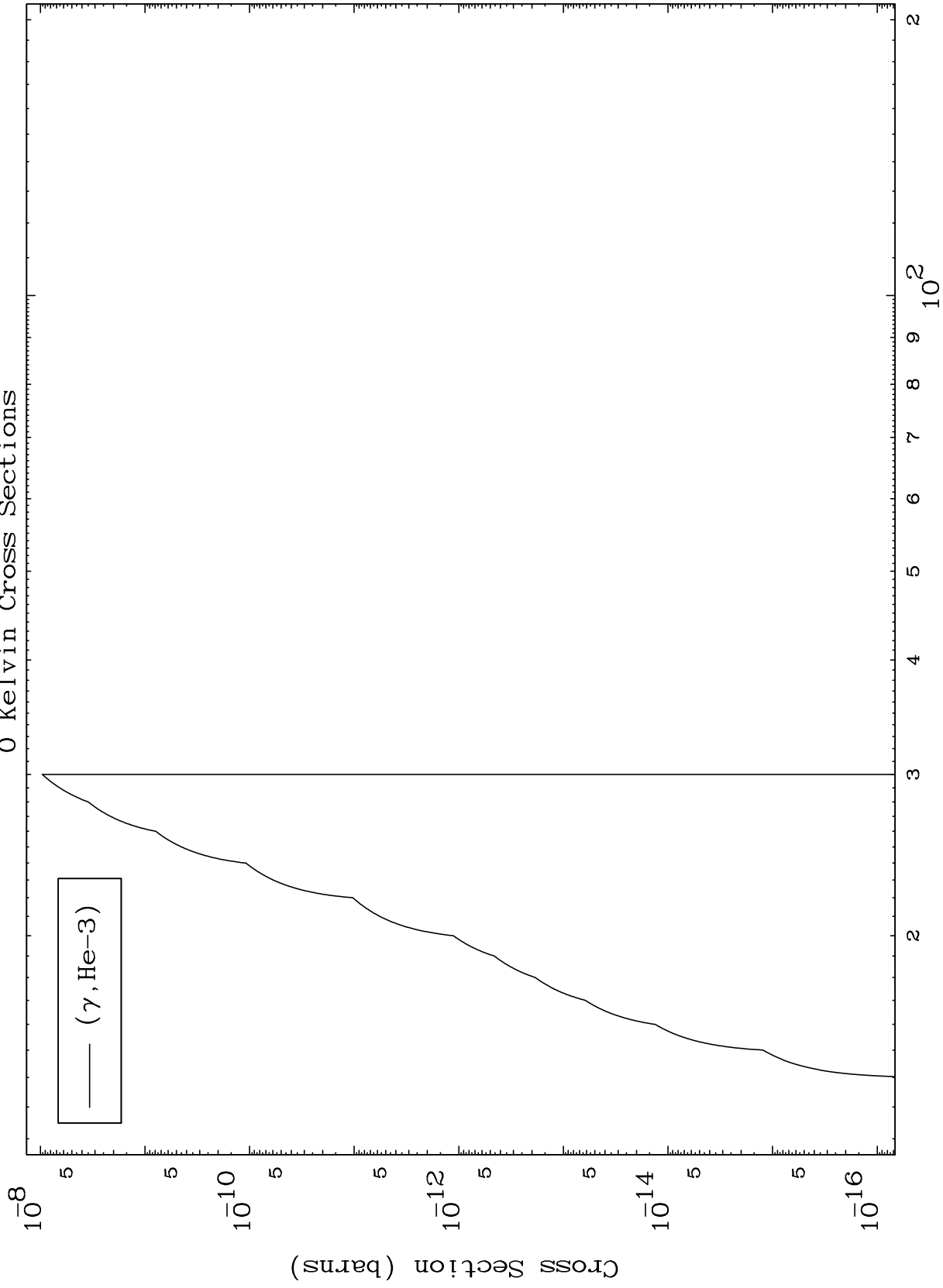
64-Gd-147



MAT 6410

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

64-Gd-147



9

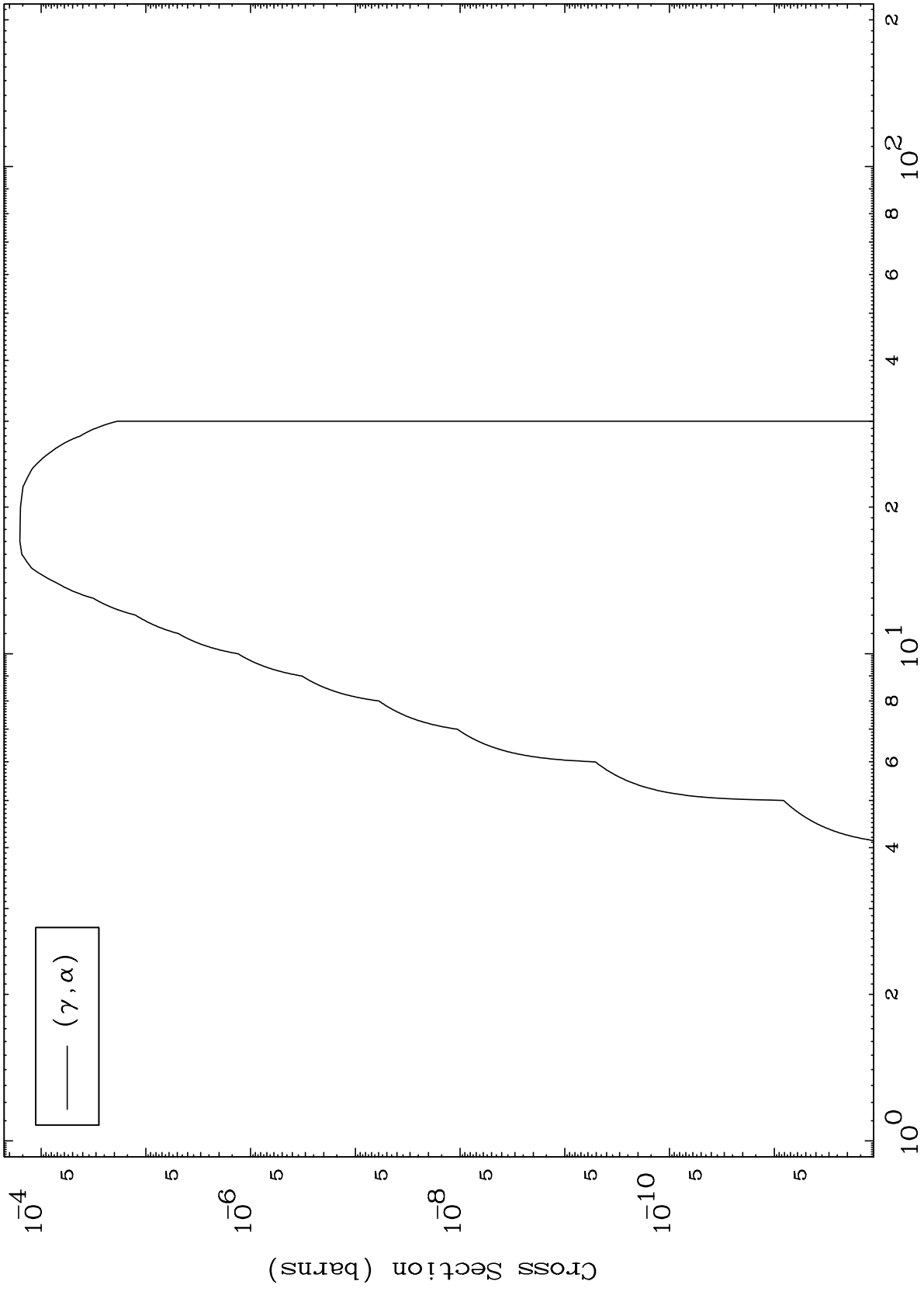
Incident Energy (MeV)

64-Gd-147

MAT 6410

(γ, α) Levels
0 Kelvin Cross Sections

64-Gd-147



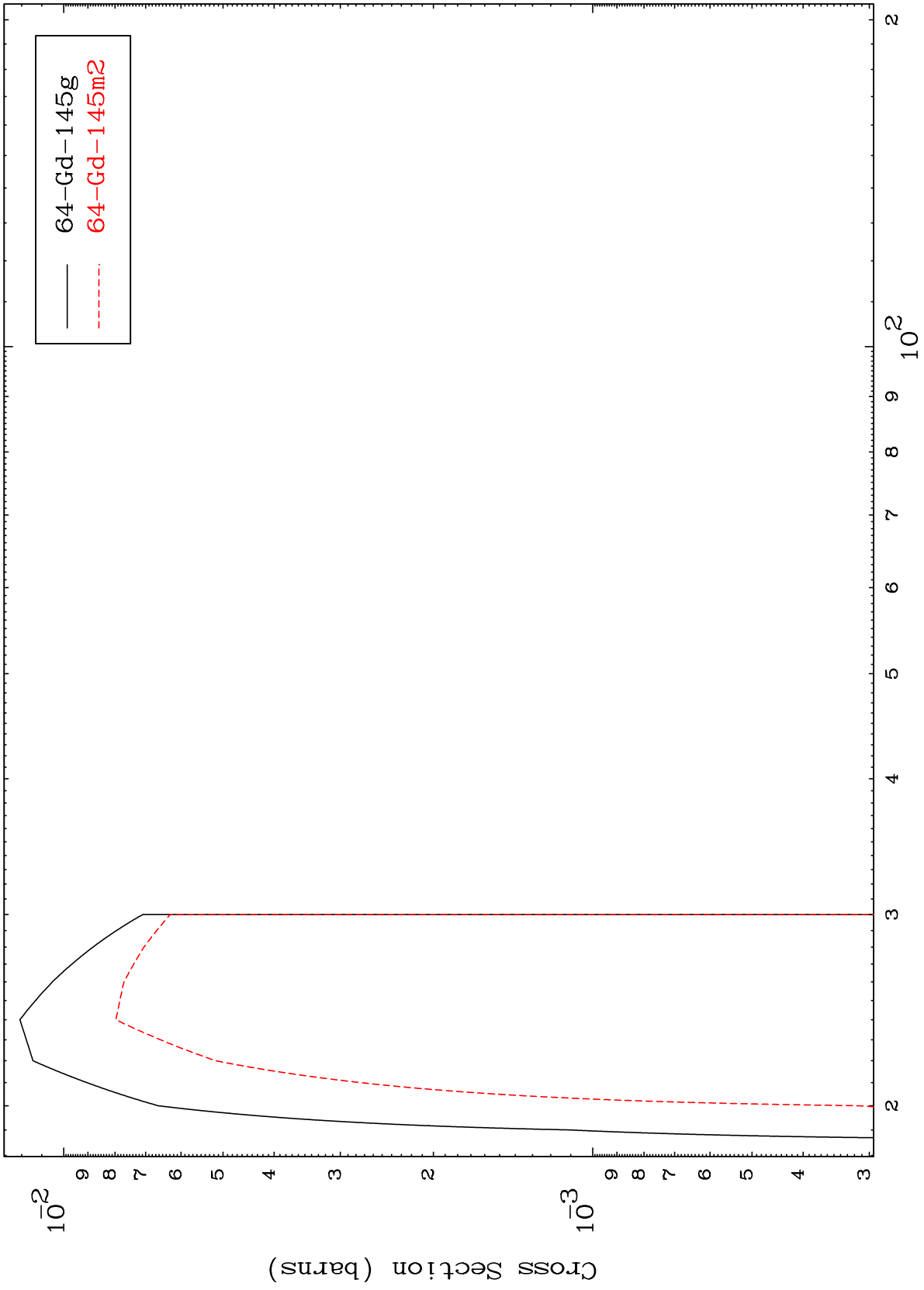
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

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



11

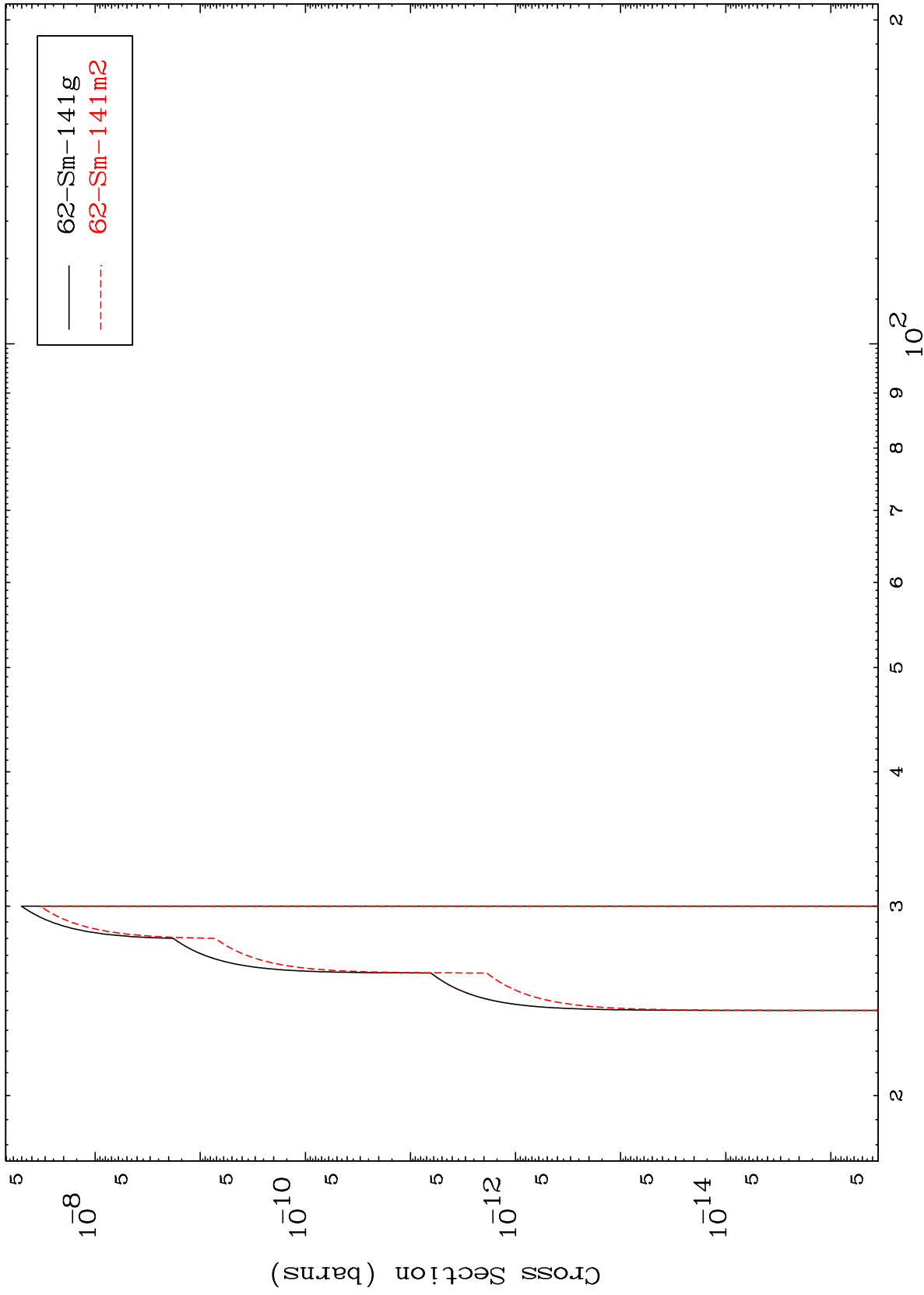
64-Gd-147

MAT 6410

$(\gamma, 2n) \alpha$

64-Gd-147

Radionuclide Production Cross Section



12

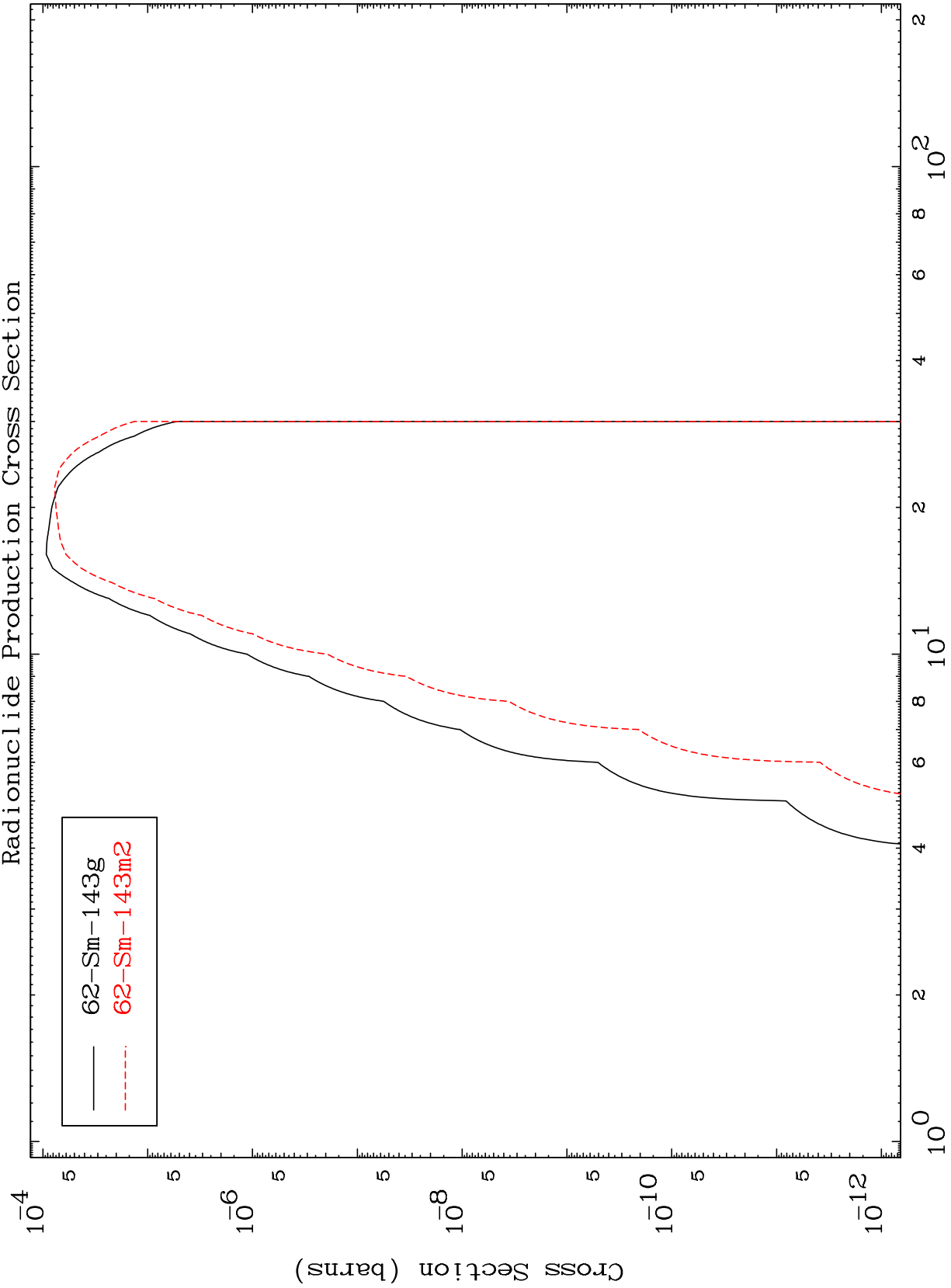
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

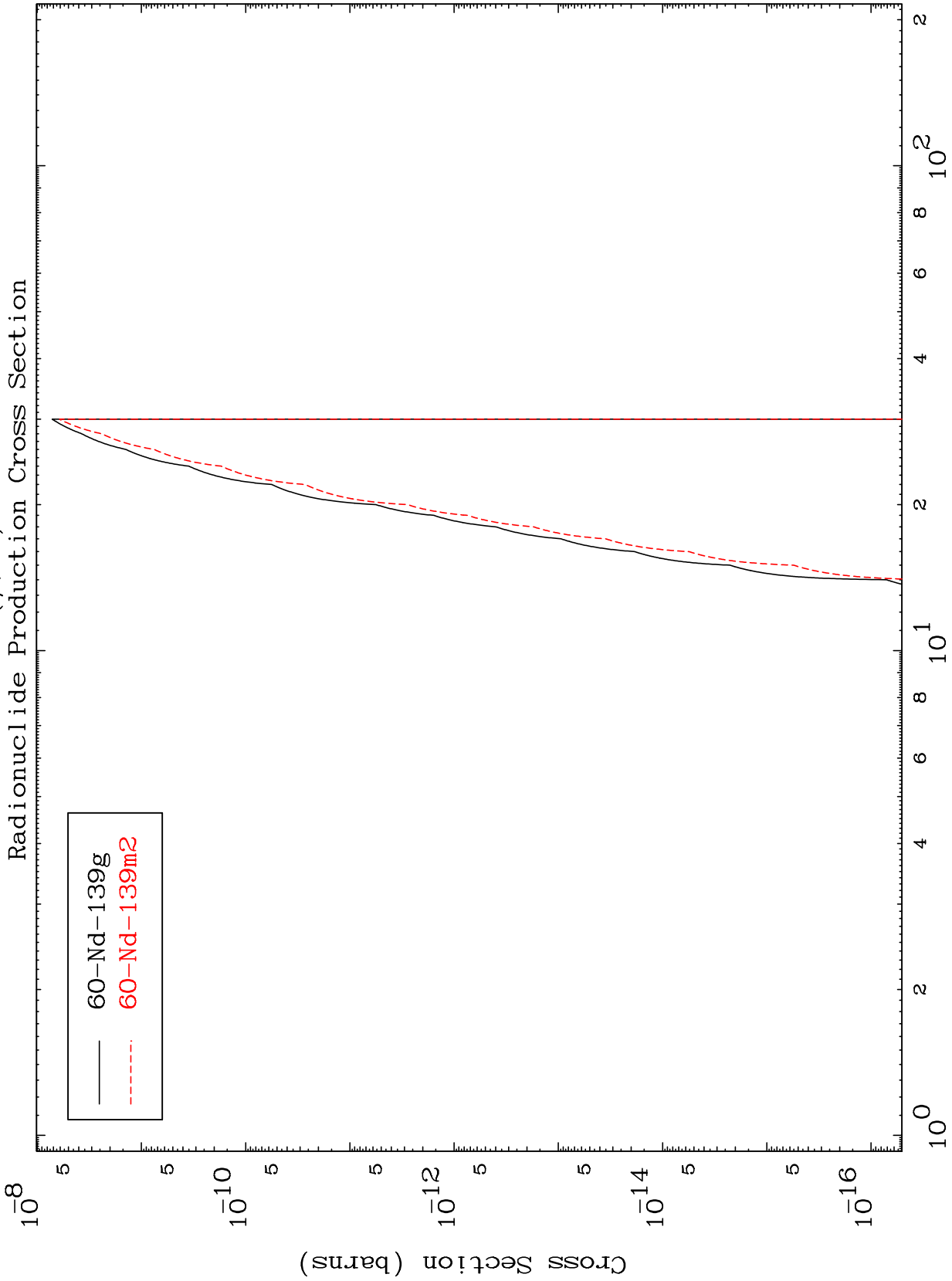
64-Gd-147

MAT 6410

($\gamma, 2\alpha$)

64-Gd-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

64-Gd-147