

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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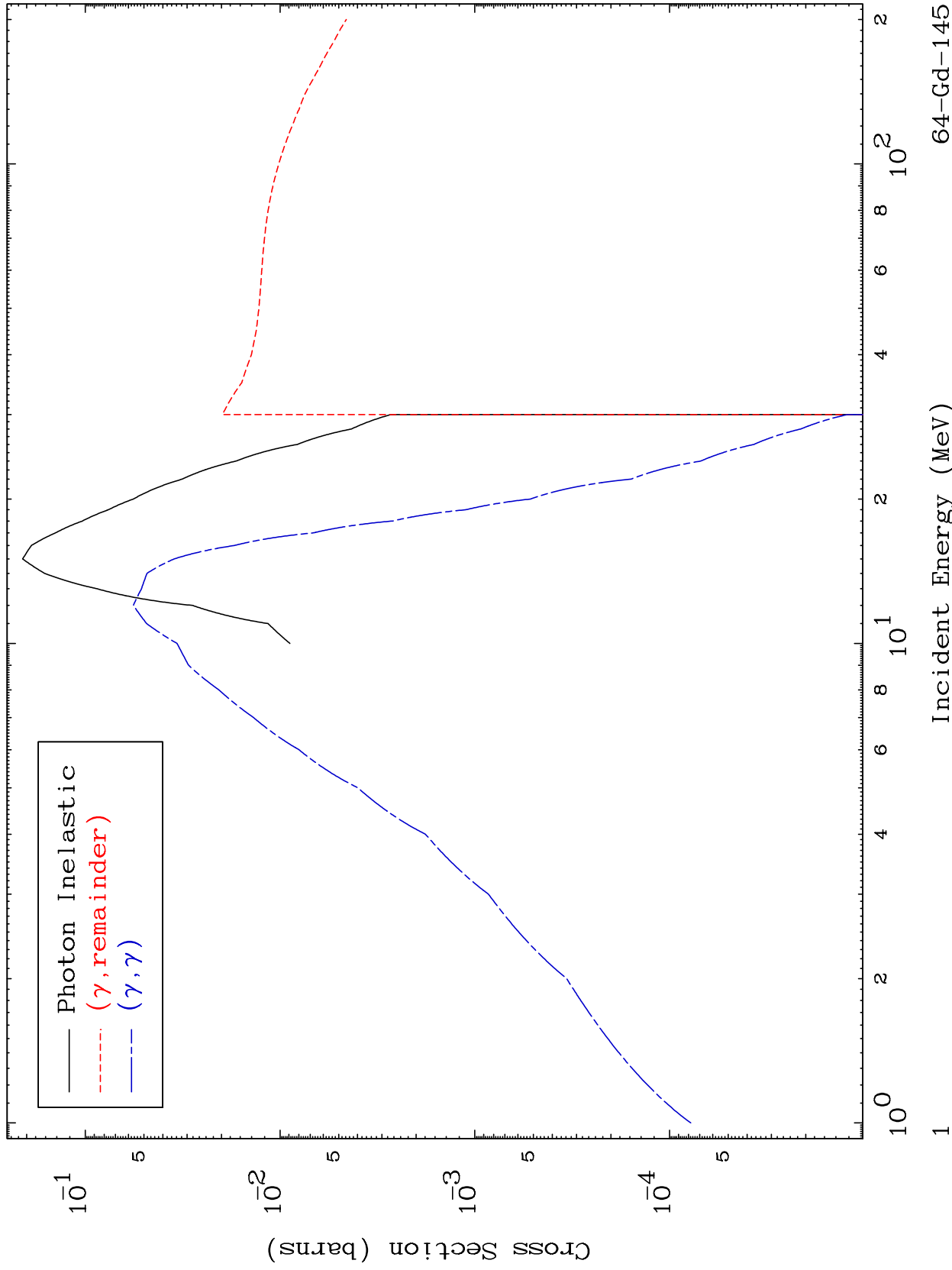
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6404

Photon Major
0 Kelvin Cross Sections

64-Gd-145

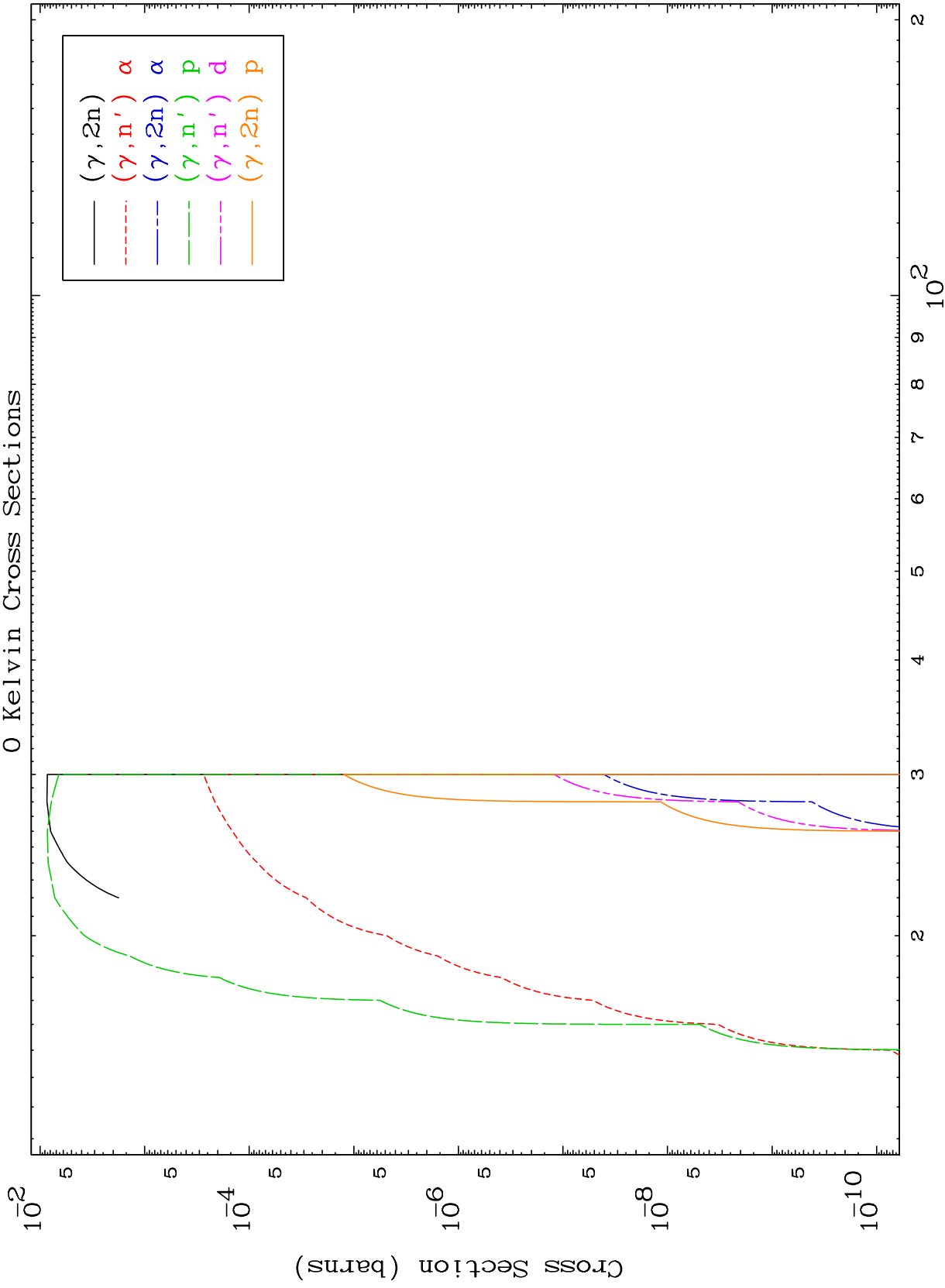


64-Gd-145

MAT 6404

Photon Neutron Production
0 Kelvin Cross Sections

64-Gd-145



2

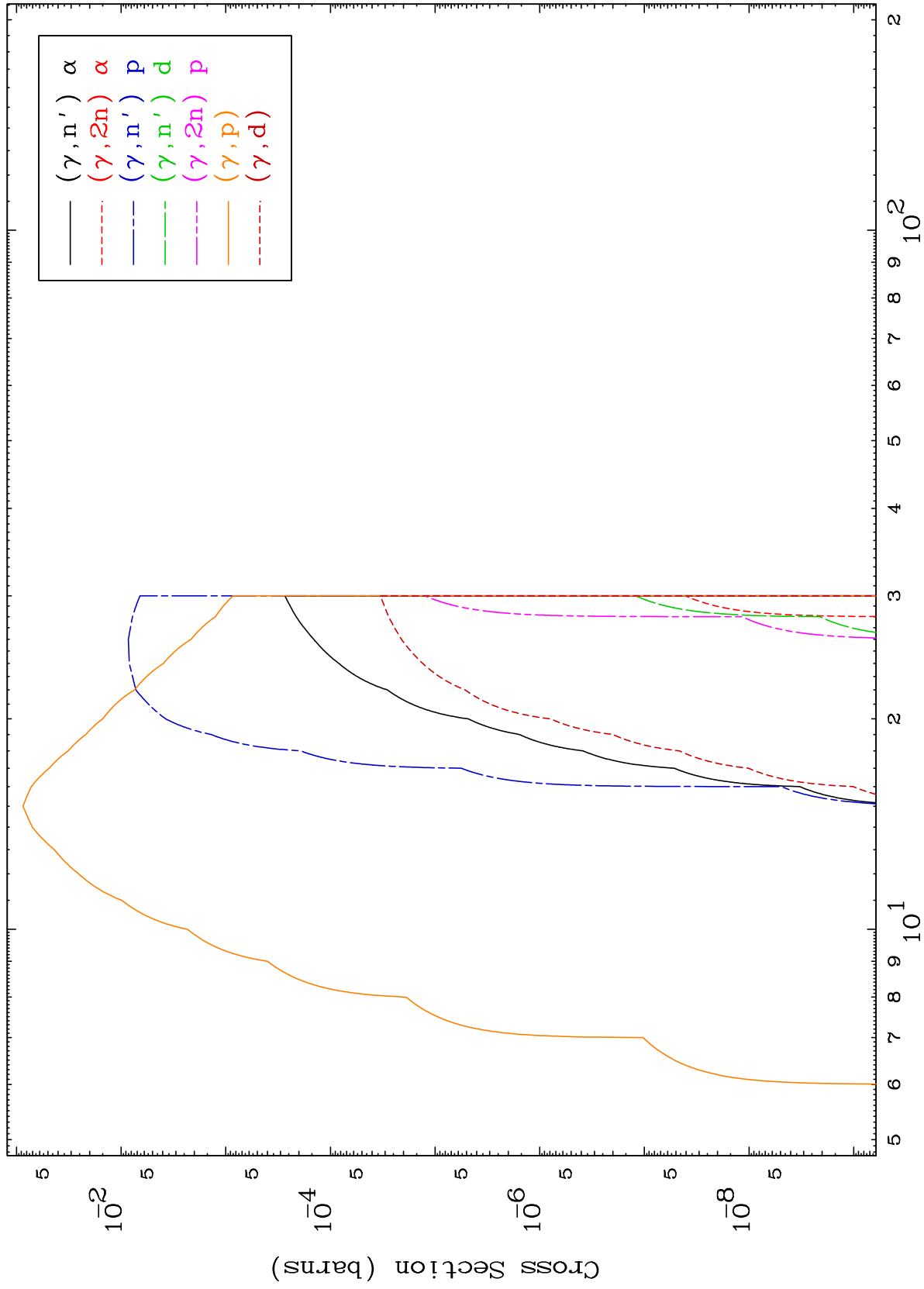
Incident Energy (MeV)

64-Gd-145

MAT 6404

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-145



3

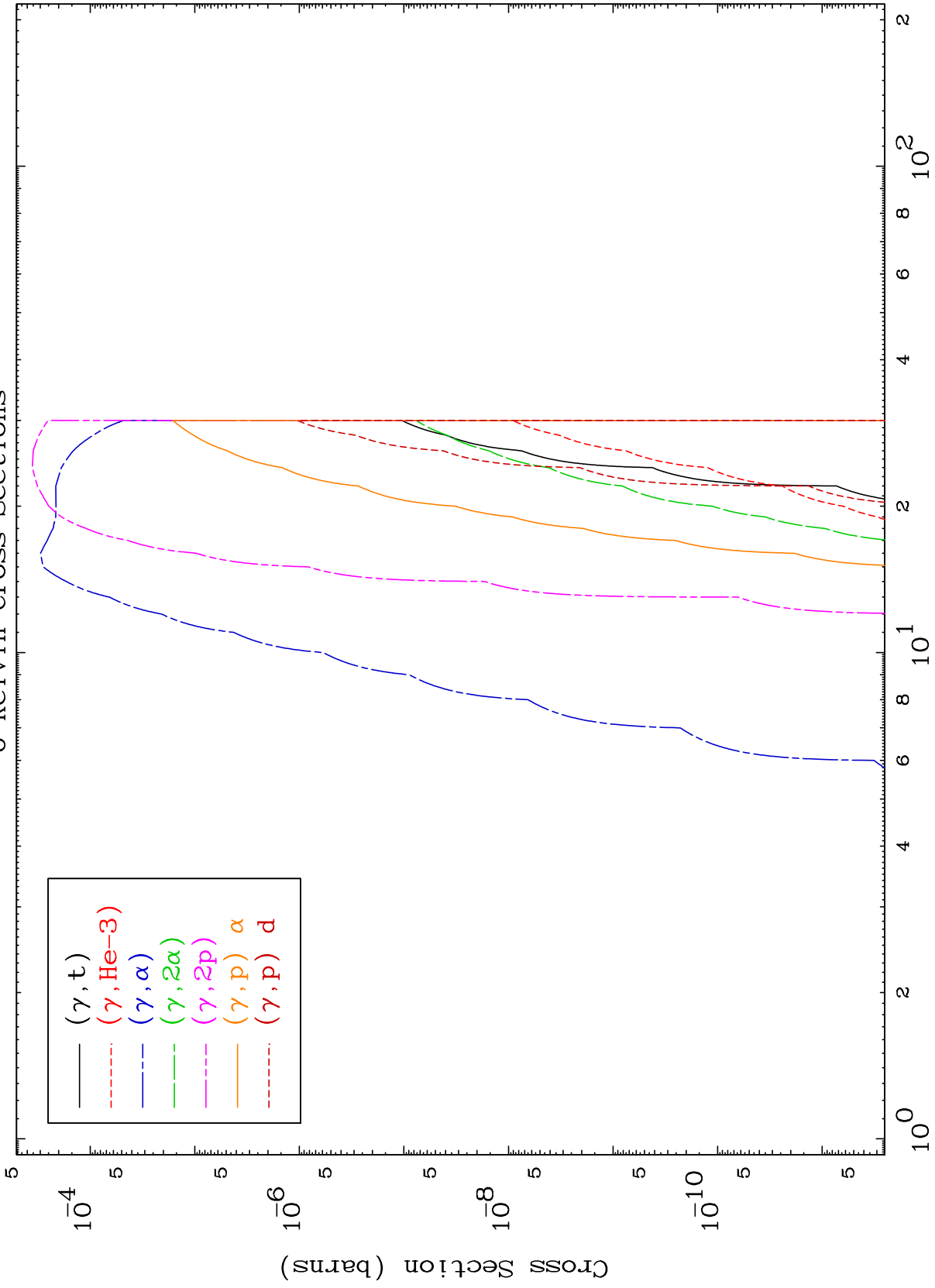
Incident Energy (MeV)

64-Gd-145

MAT 6404

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-145



64-Gd-145

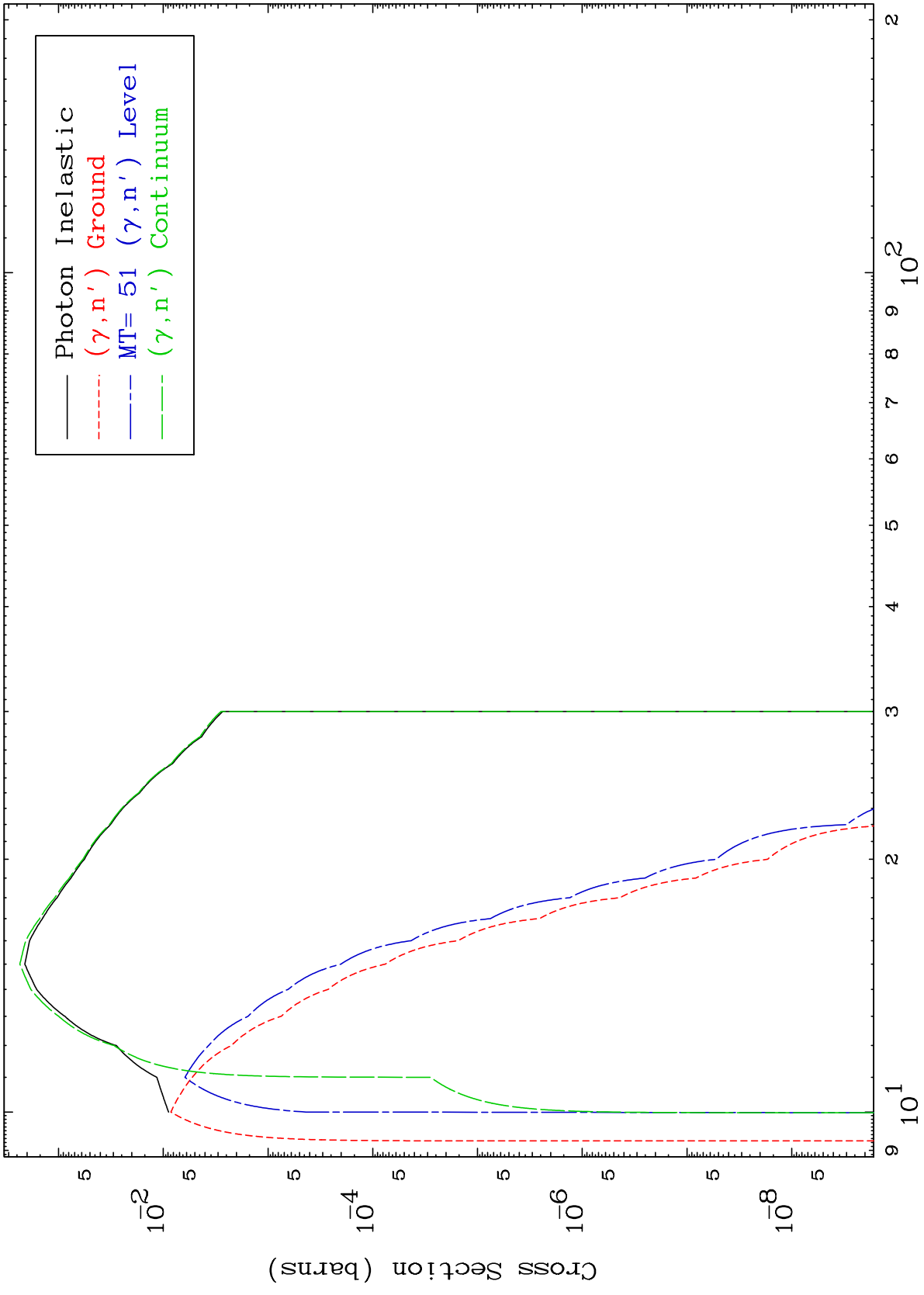
Incident Energy (MeV)

4

MAT 6404

(γ, n') Level
0 Kelvin Cross Sections

64-Gd-145



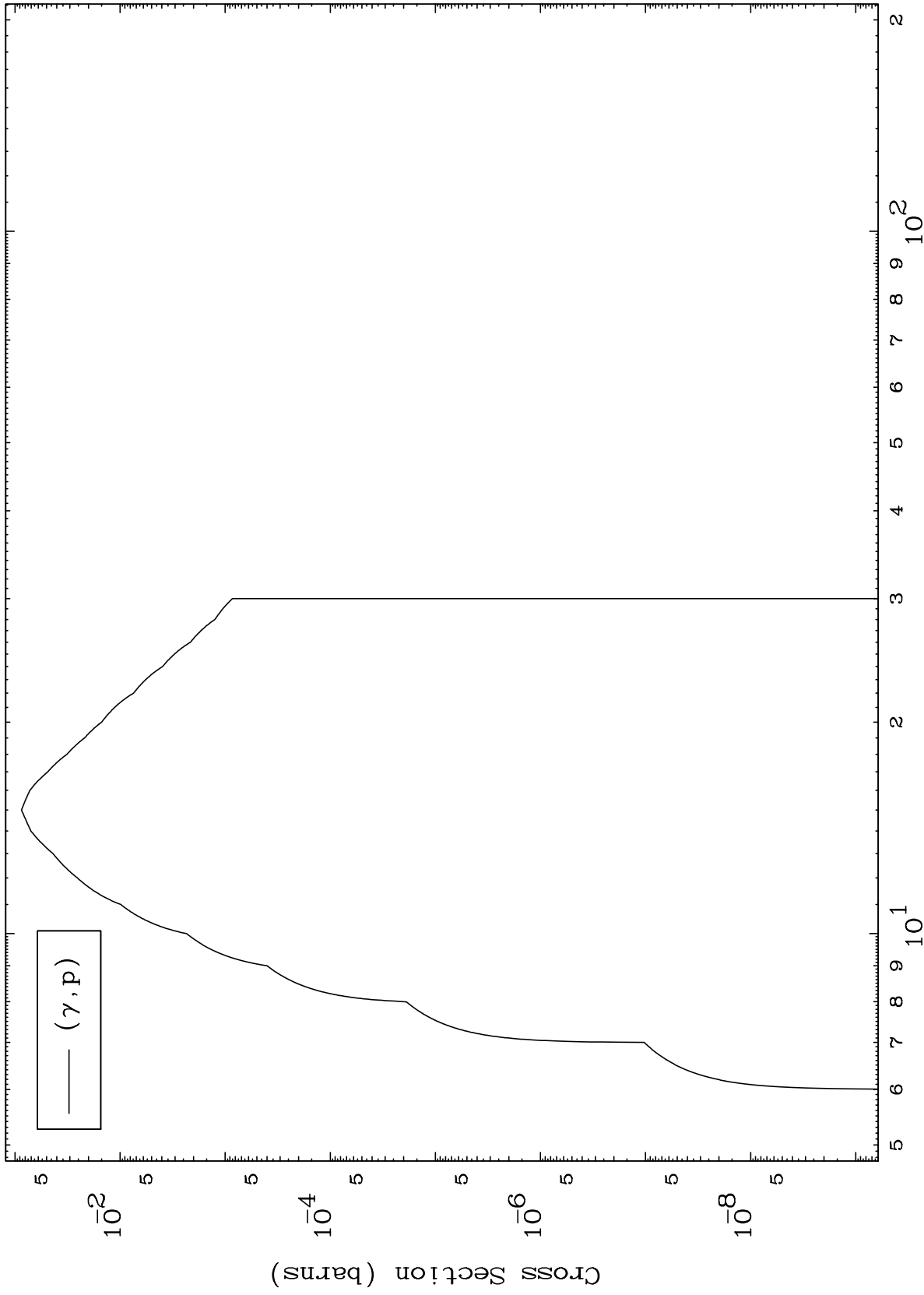
Incident Energy (MeV)

64-Gd-145

MAT 6404

(γ, p) Levels
0 Kelvin Cross Sections

64-Gd-145



6

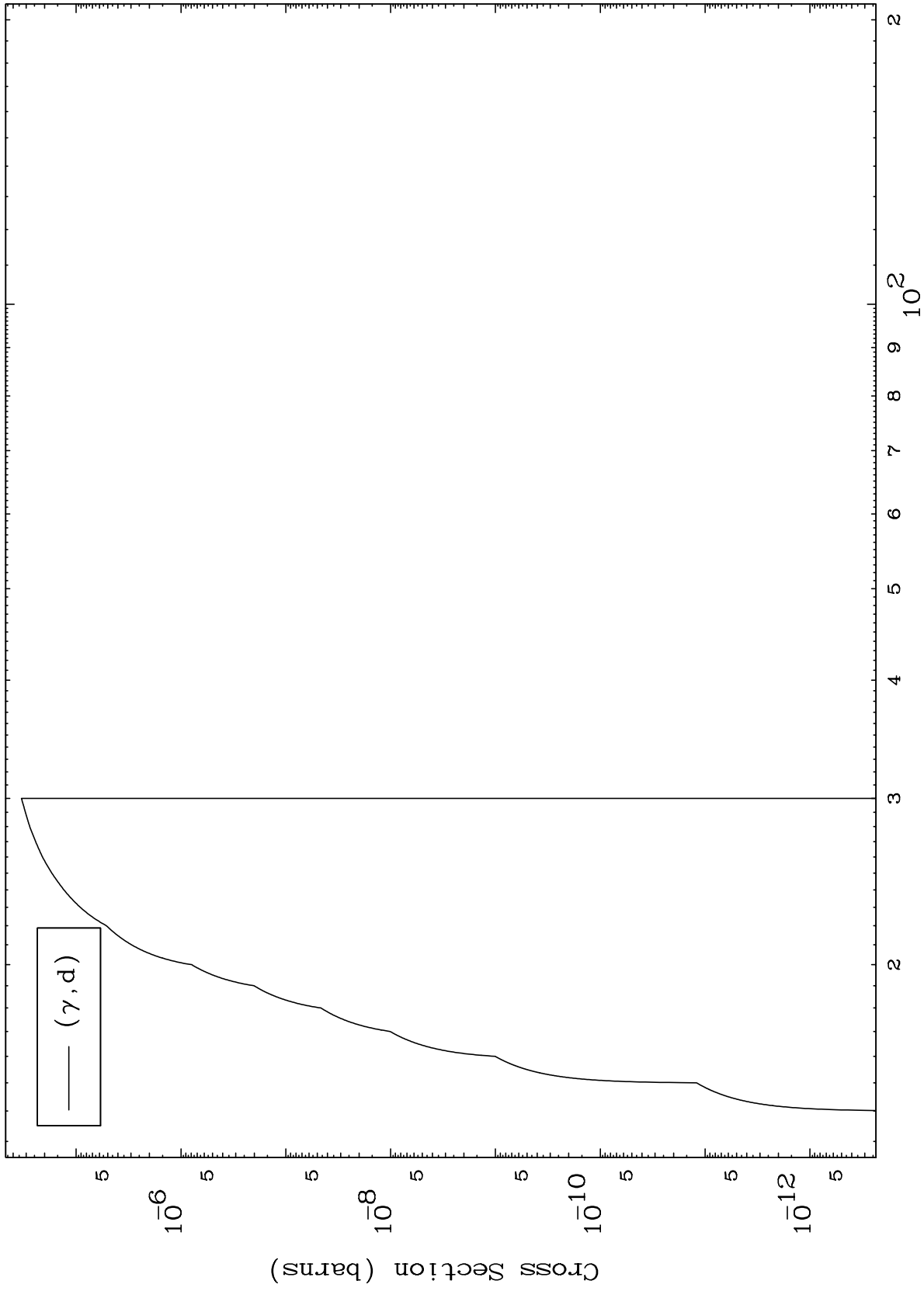
Incident Energy (MeV)

64-Gd-145

MAT 6404

(γ, d) Levels
0 Kelvin Cross Sections

64-Gd-145



7

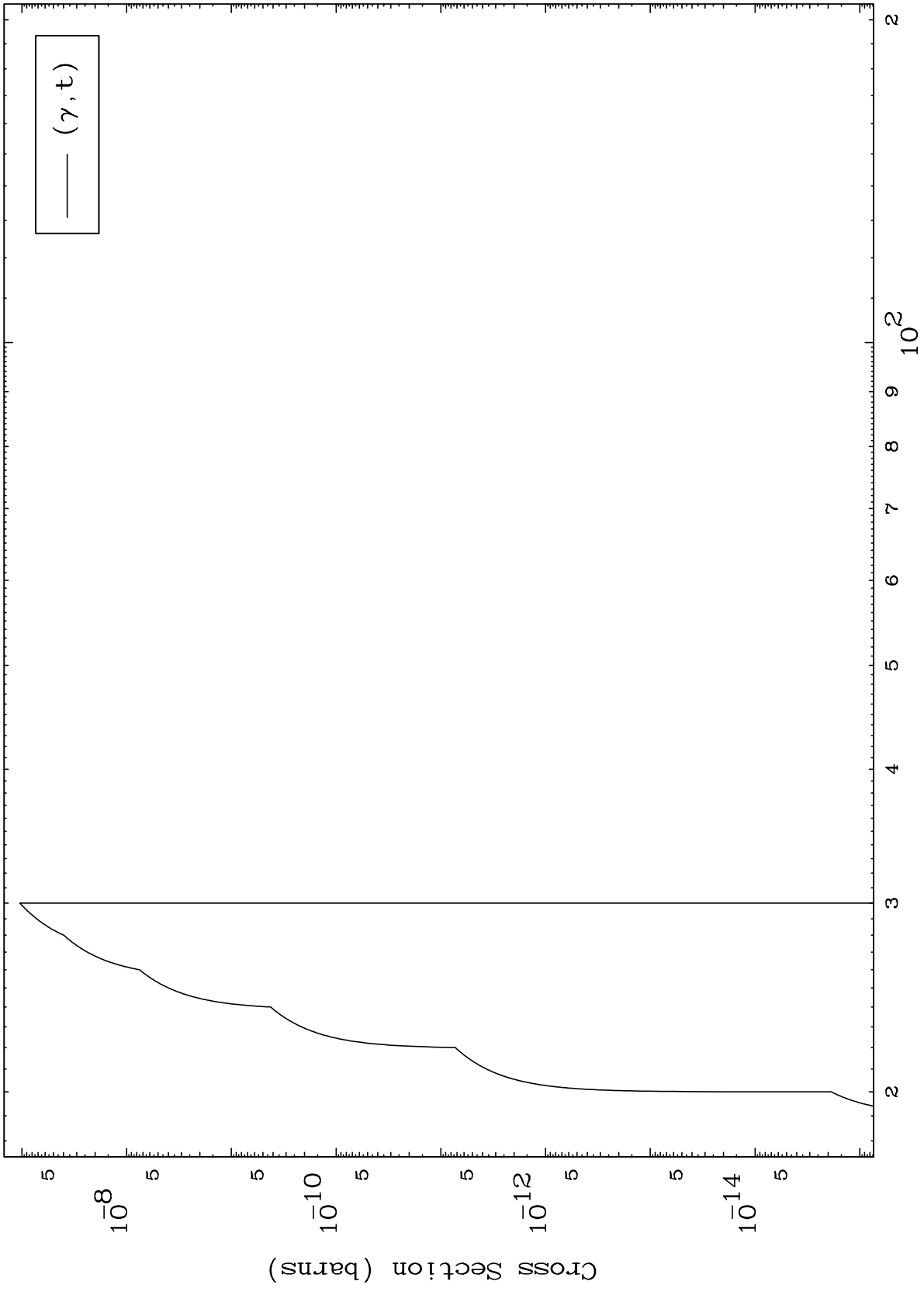
Incident Energy (MeV)

64-Gd-145

MAT 6404

(γ, t) Levels
0 Kelvin Cross Sections

64-Gd-145



8

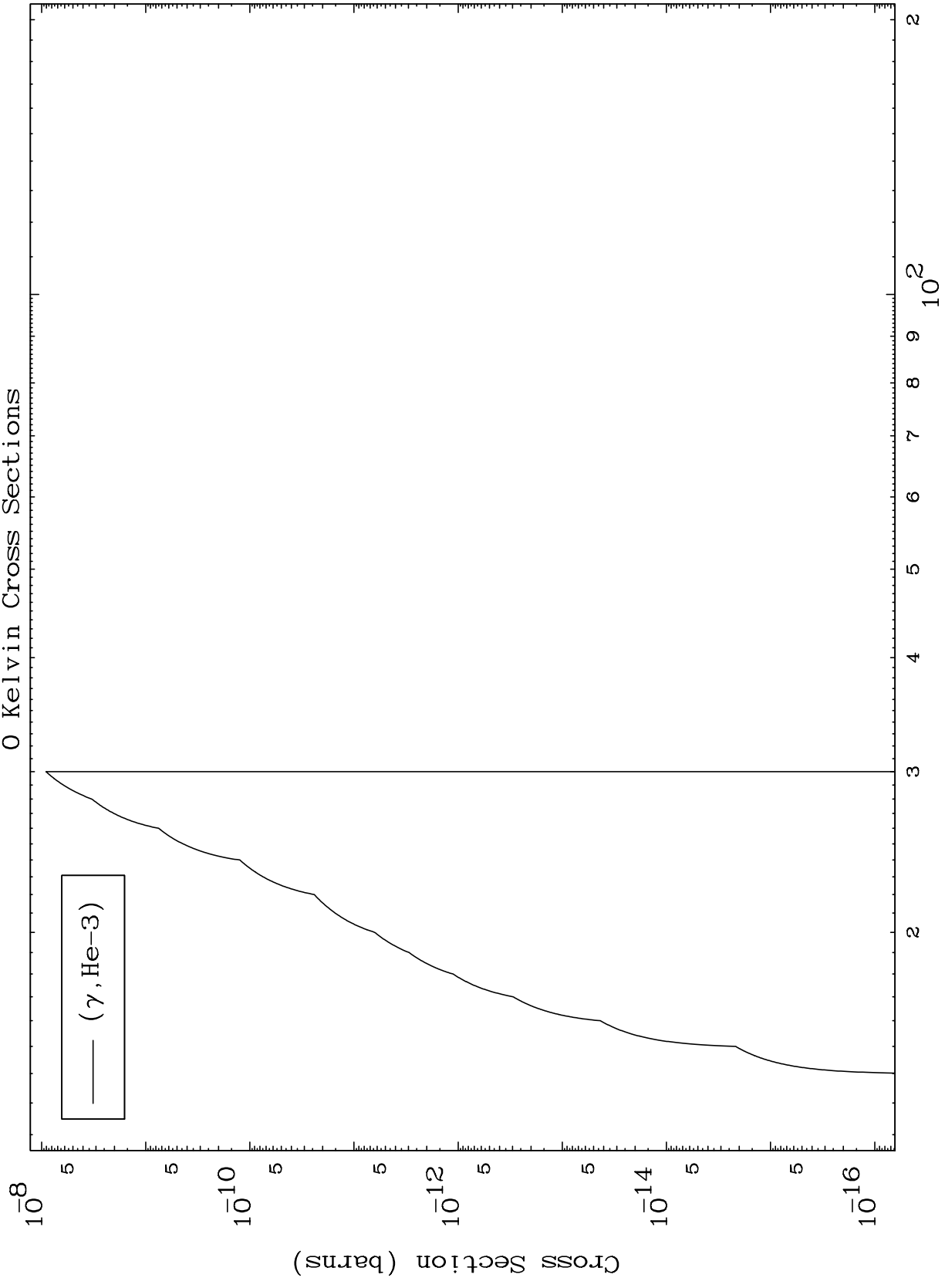
Incident Energy (MeV)

64-Gd-145

MAT 6404

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

64-Gd-145



9

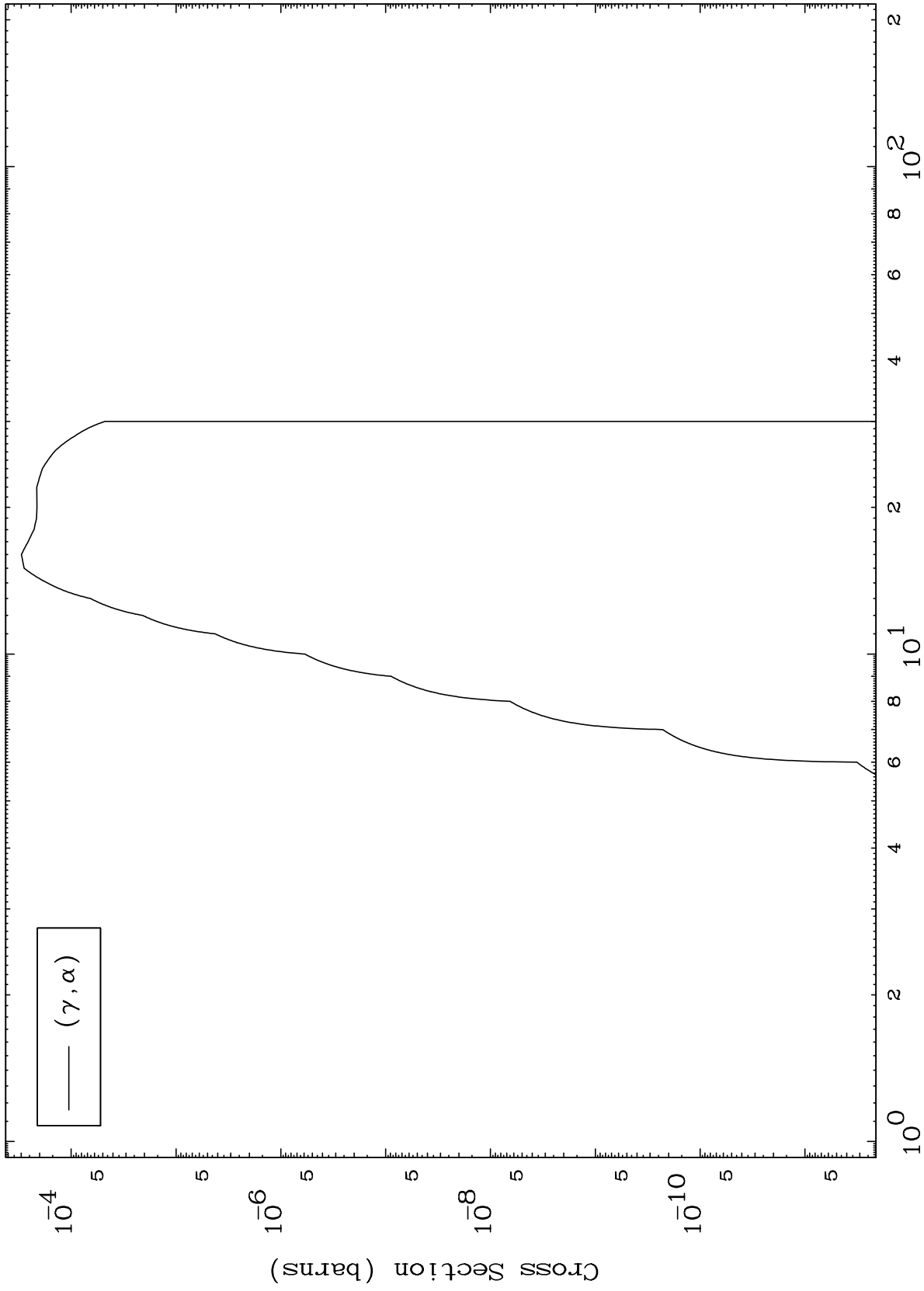
Incident Energy (MeV)

64-Gd-145

MAT 6404

(γ, α) Levels
0 Kelvin Cross Sections

64-Gd-145



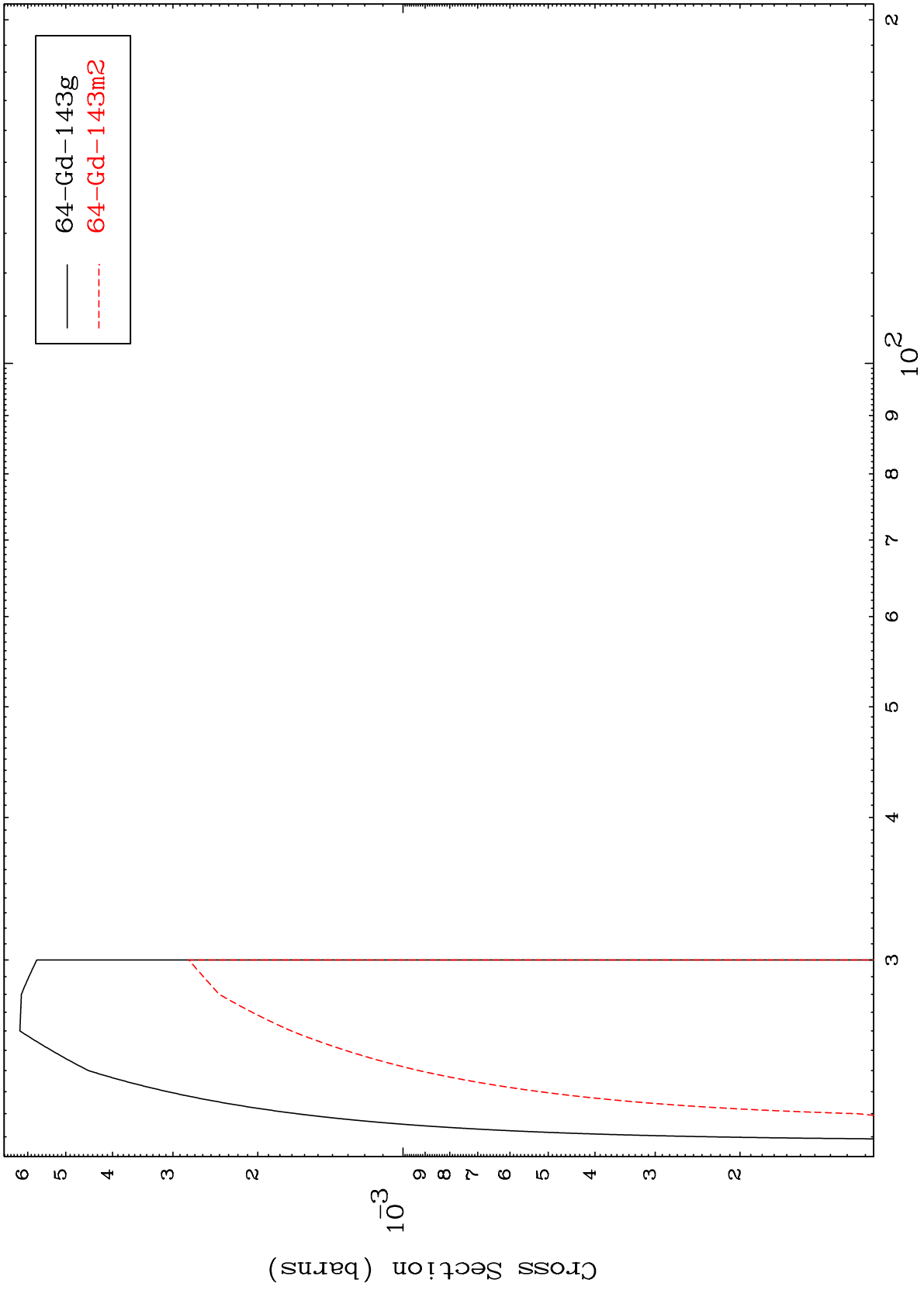
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

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



64-Gd-145

Incident Energy (MeV)

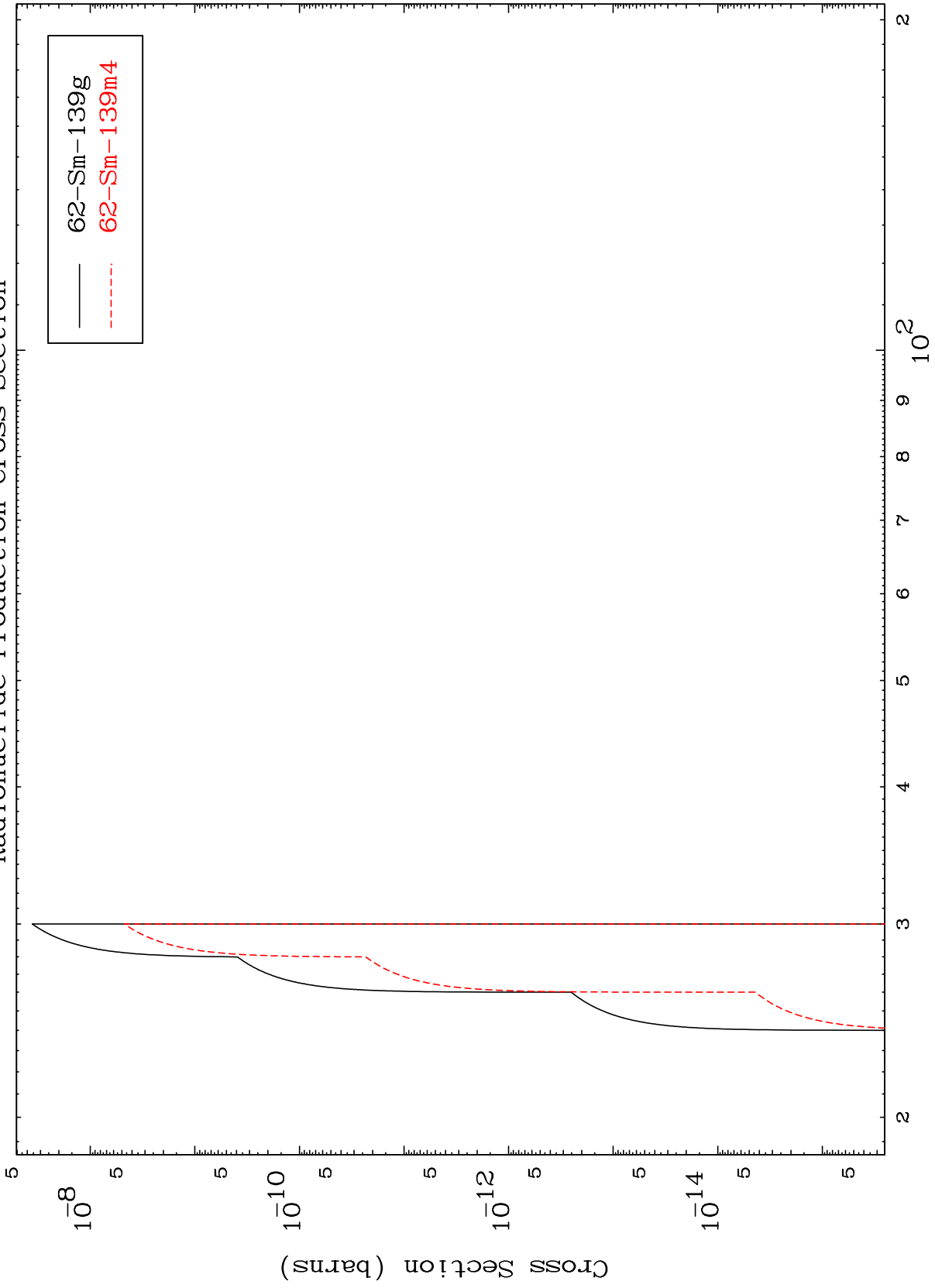
11

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$(\gamma, 2n) \alpha$

64-Gd-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

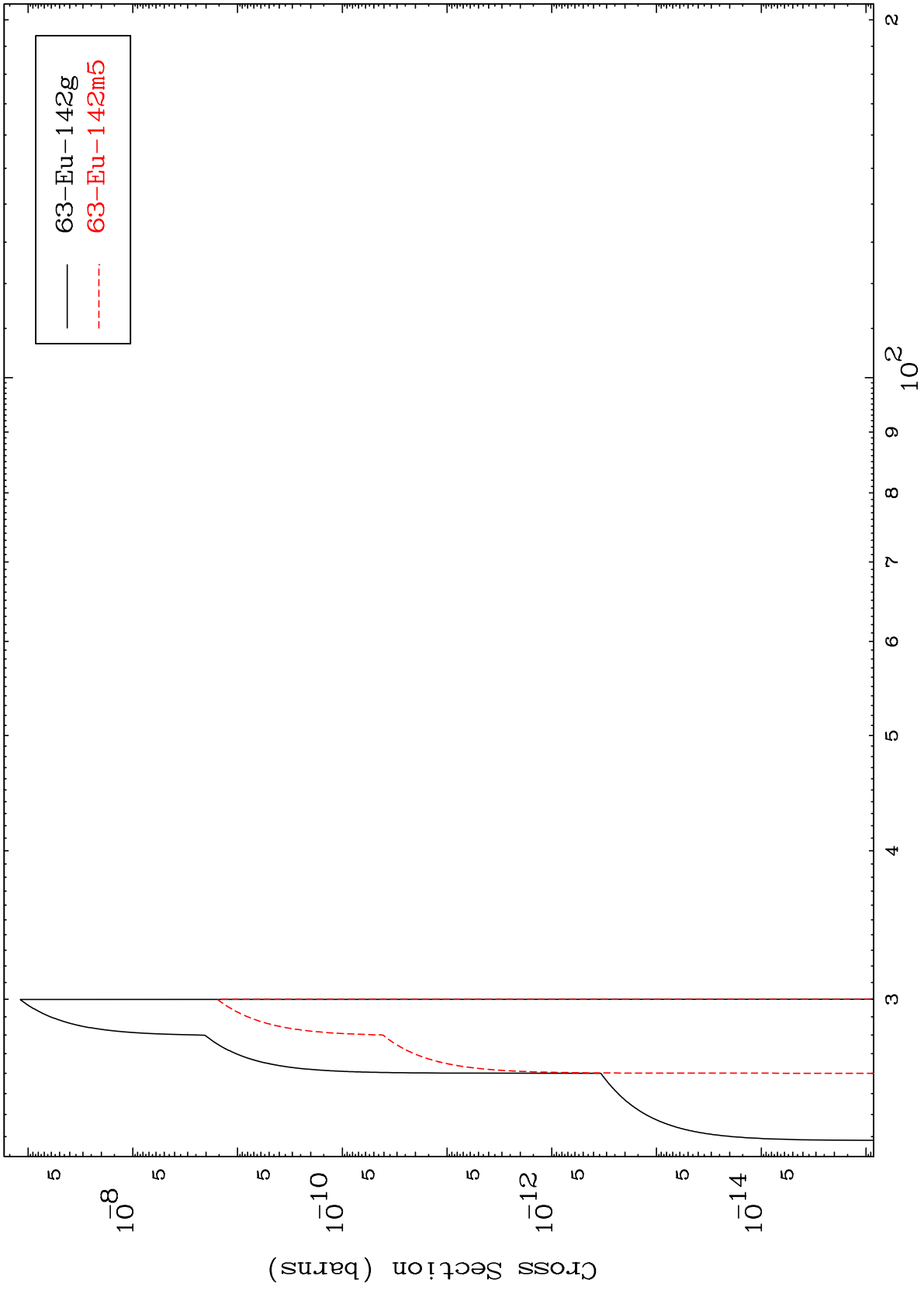
64-Gd-145

MAT 6404

(γ, n') d

64-Gd-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

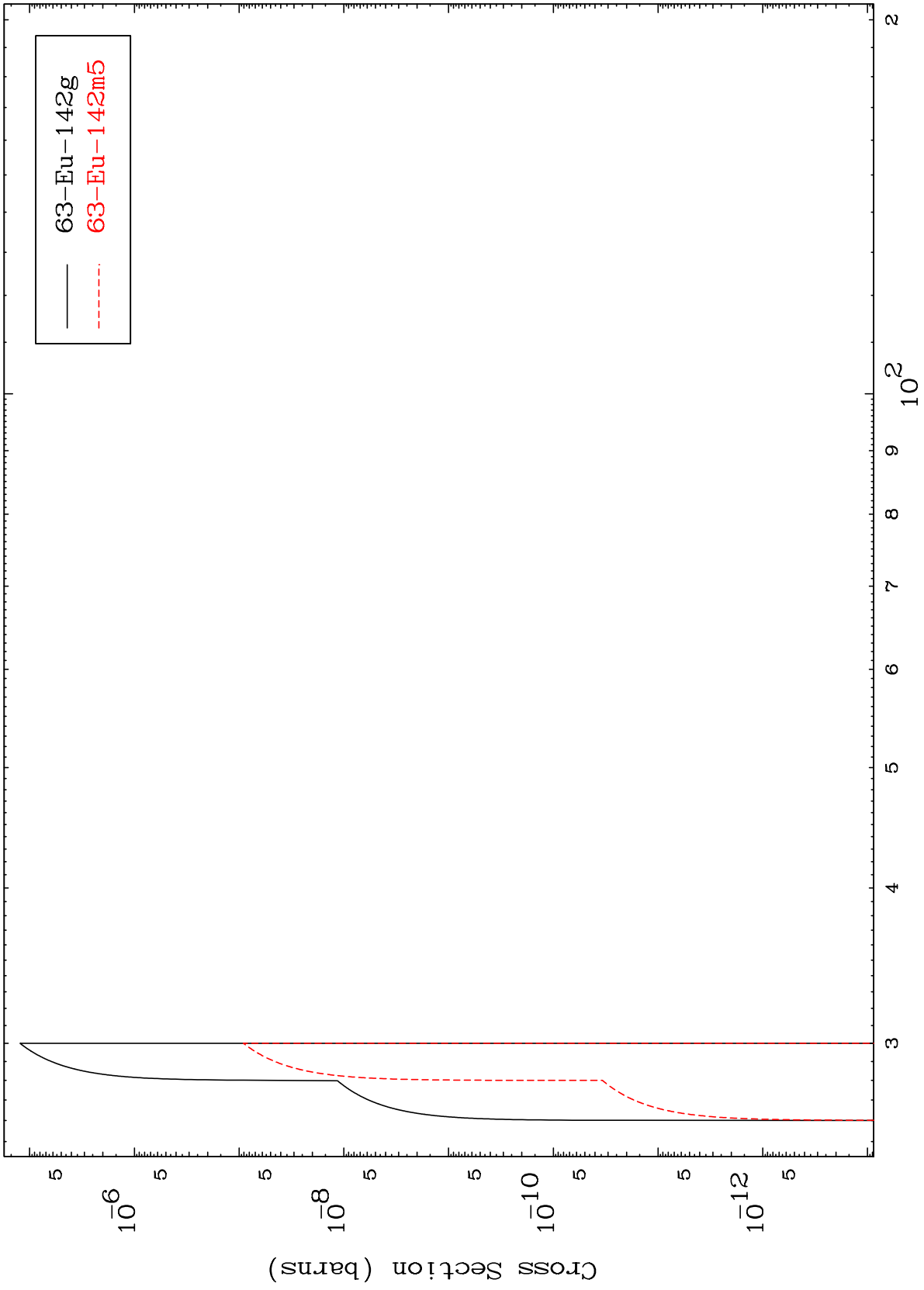
64-Gd-145

MAT 6404

$(\gamma, 2n) p$

64-Gd-145

Radionuclide Production Cross Section



14

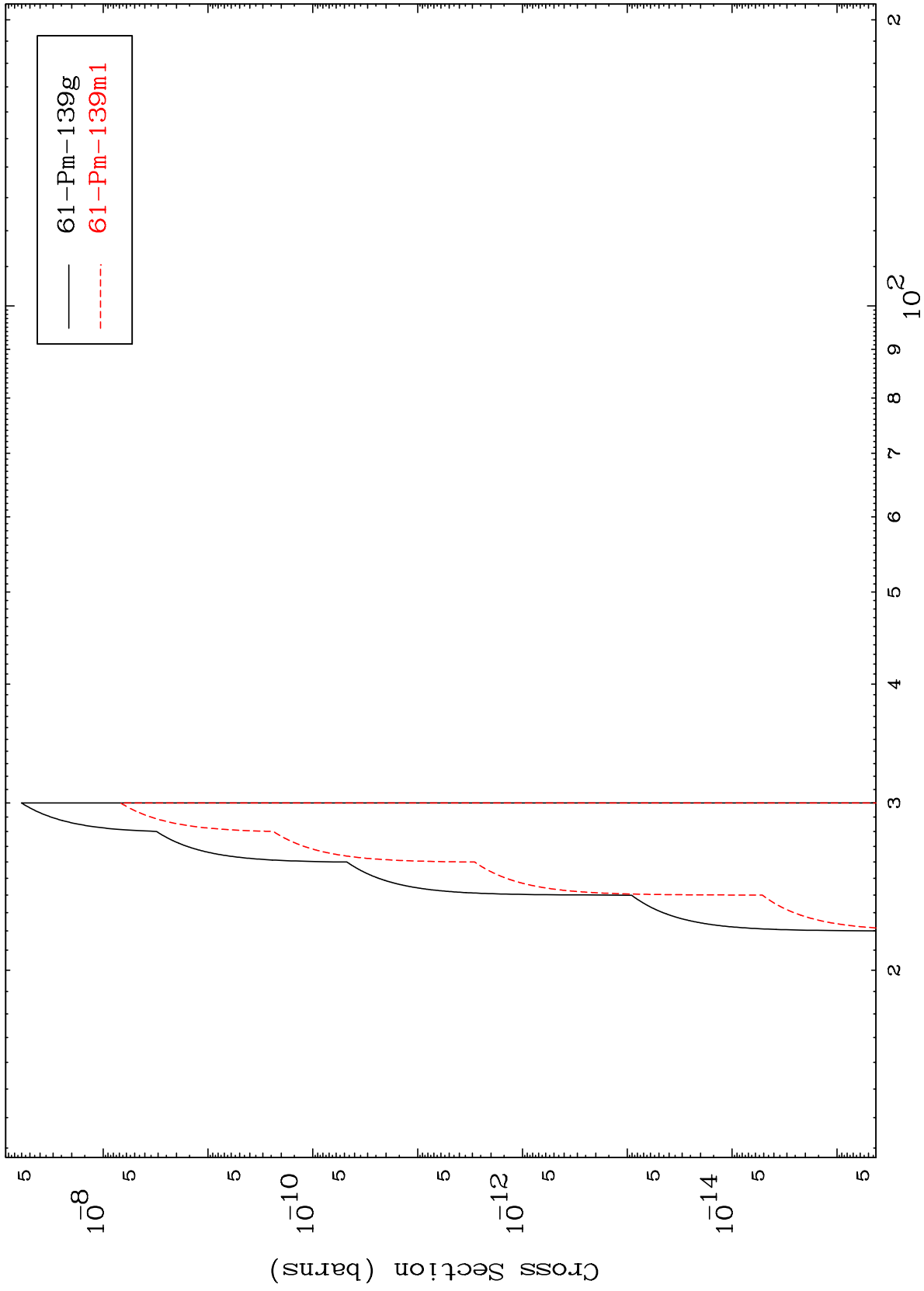
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(γ, n') p α
Radionuclide Production Cross Section



15

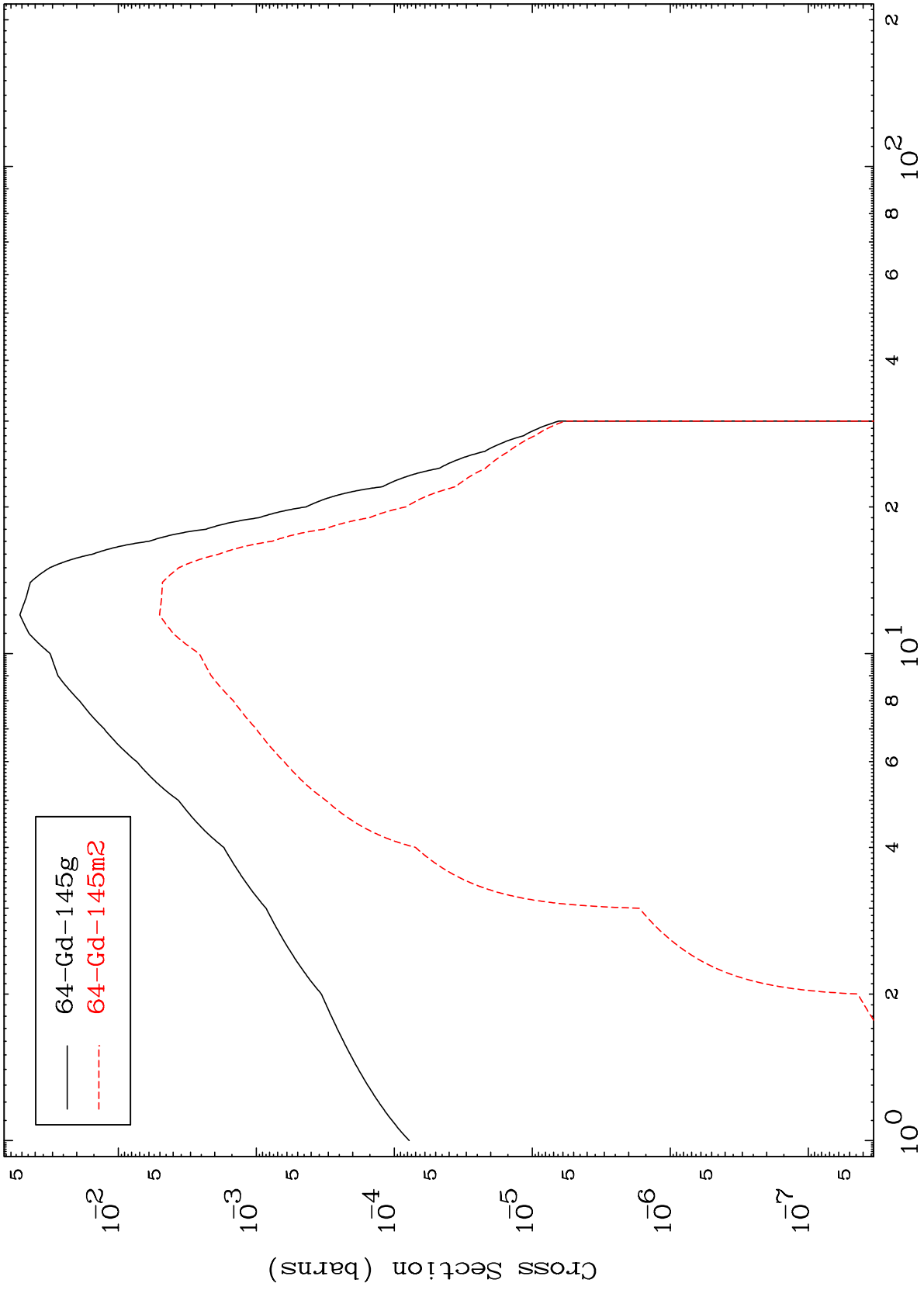
Incident Energy (MeV)

64-Gd-145

MAT 6404

Radionuclide Production Cross Section
(γ, γ)

64-Gd-145



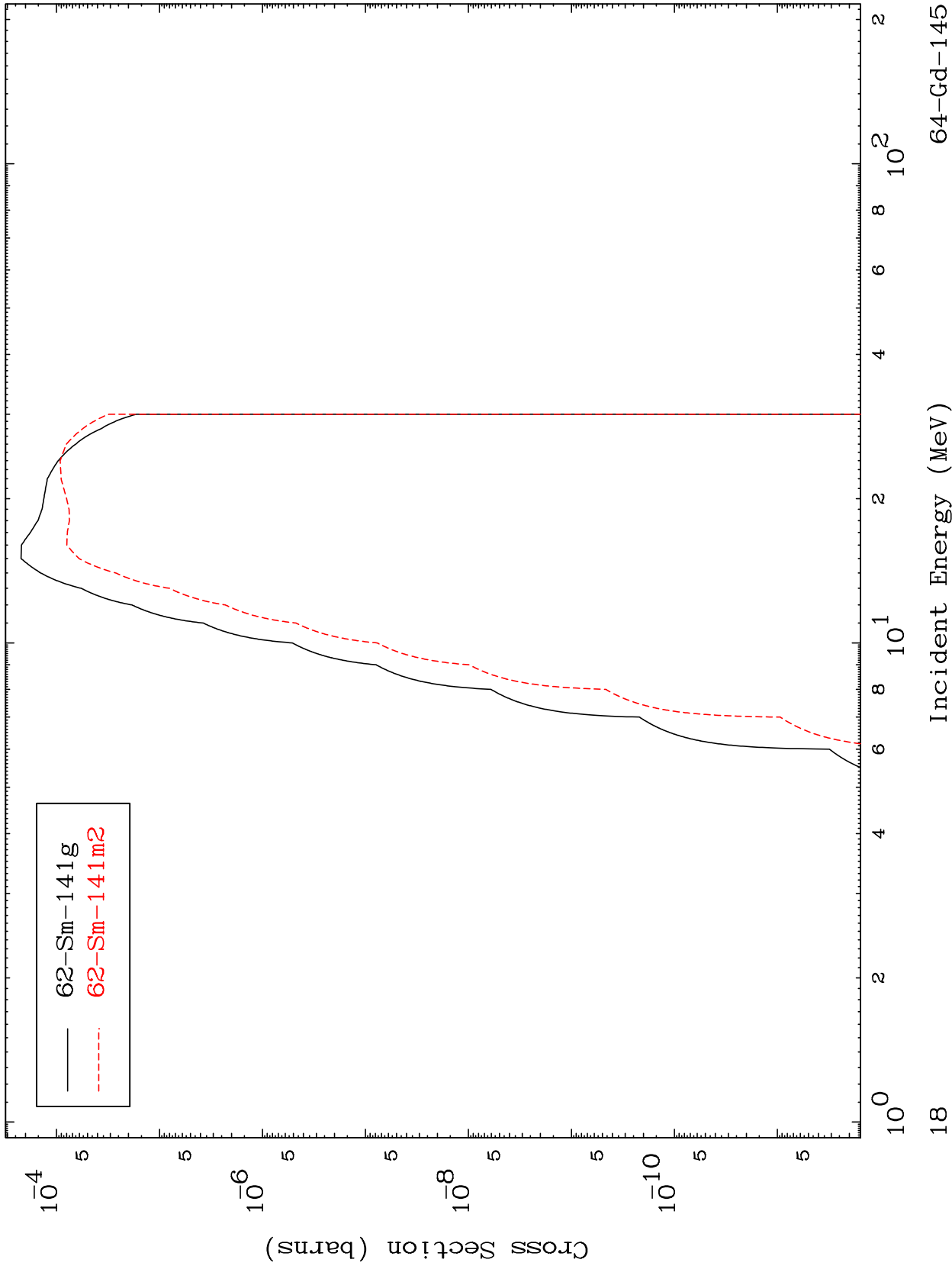
Incident Energy (MeV)

64-Gd-145

MAT 6404

Radionuclide Production Cross Section
(γ, α)

64-Gd-145

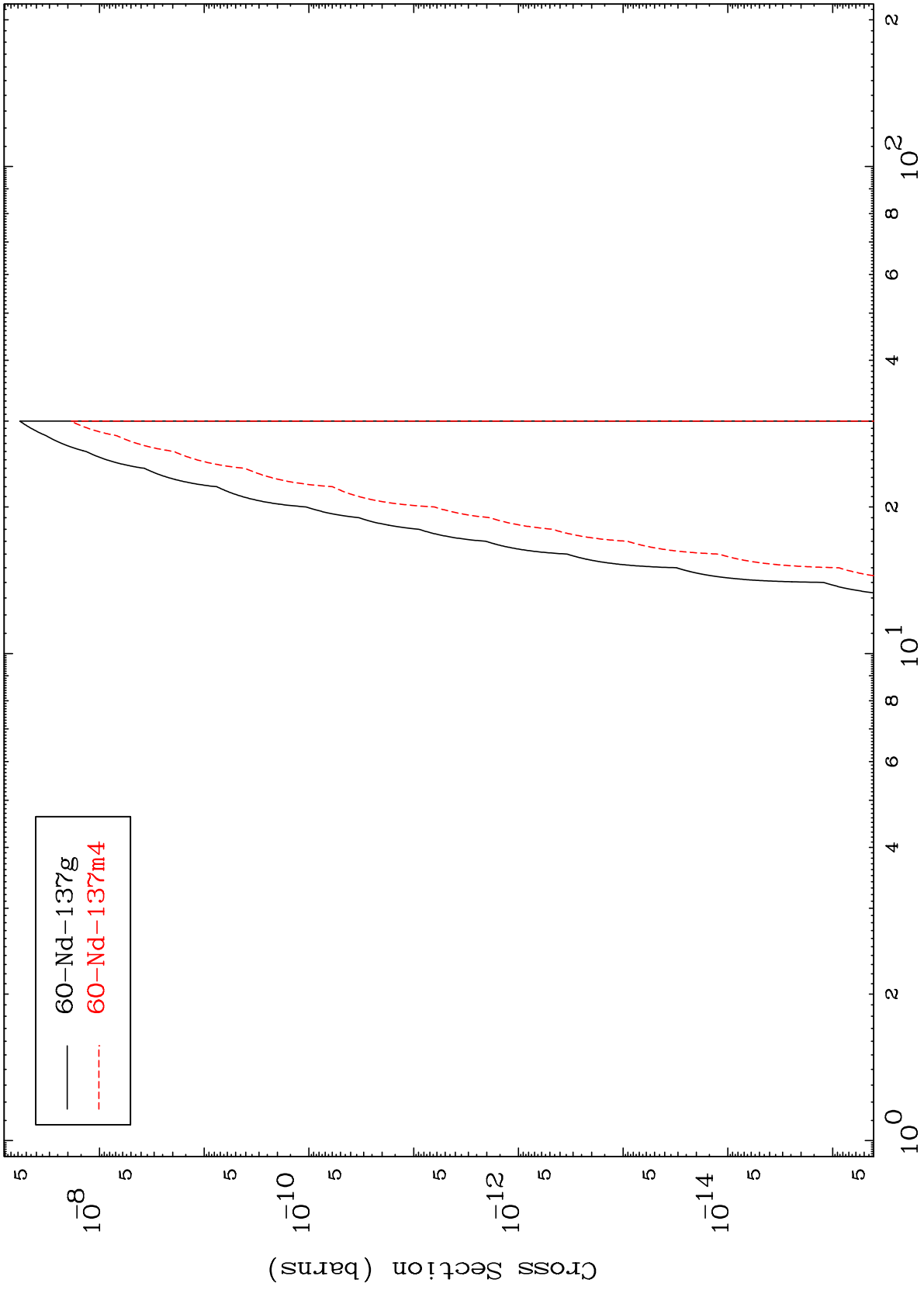


64-Gd-145

MAT 6404

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

64-Gd-145



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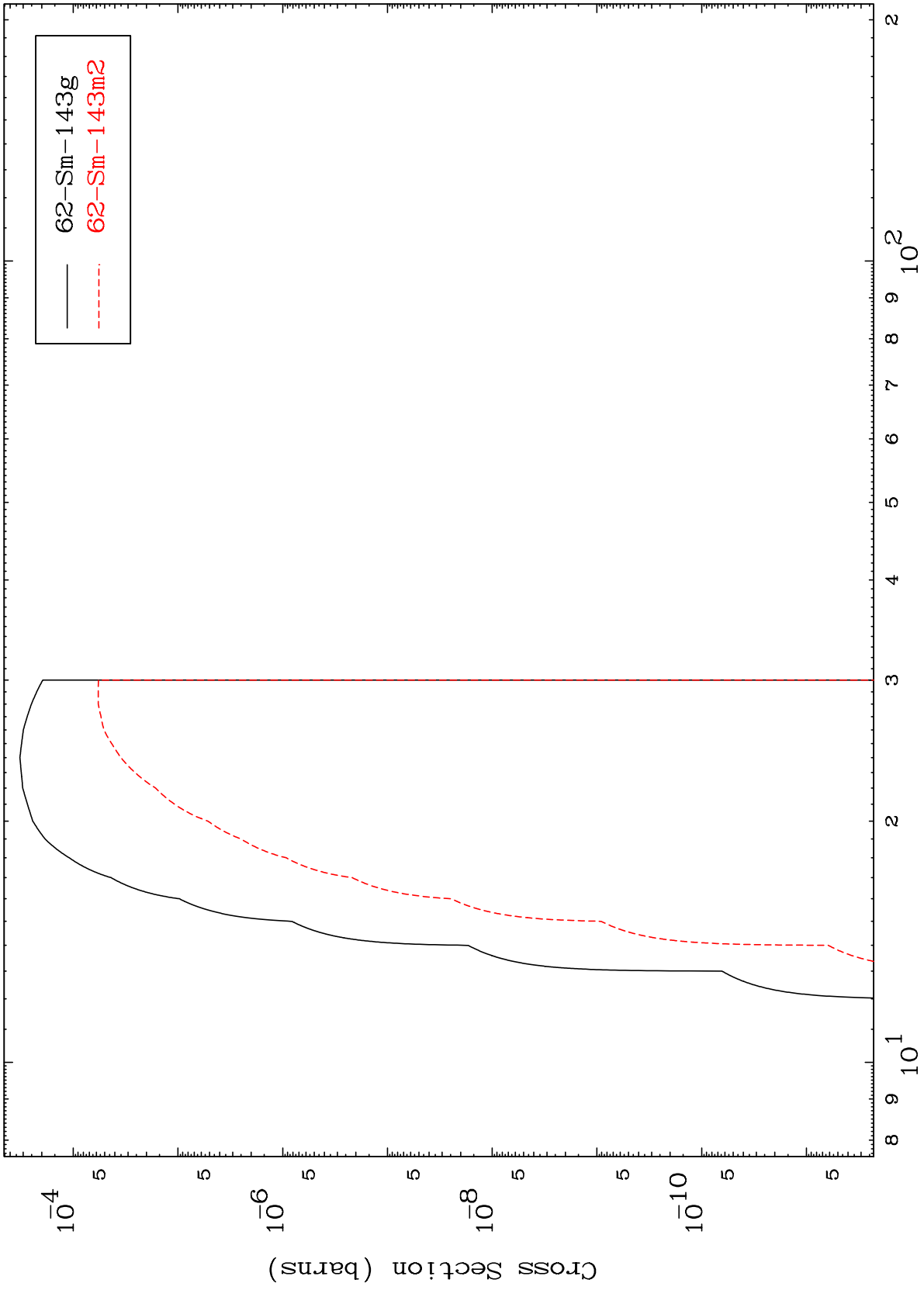
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

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



20

Incident Energy (MeV)

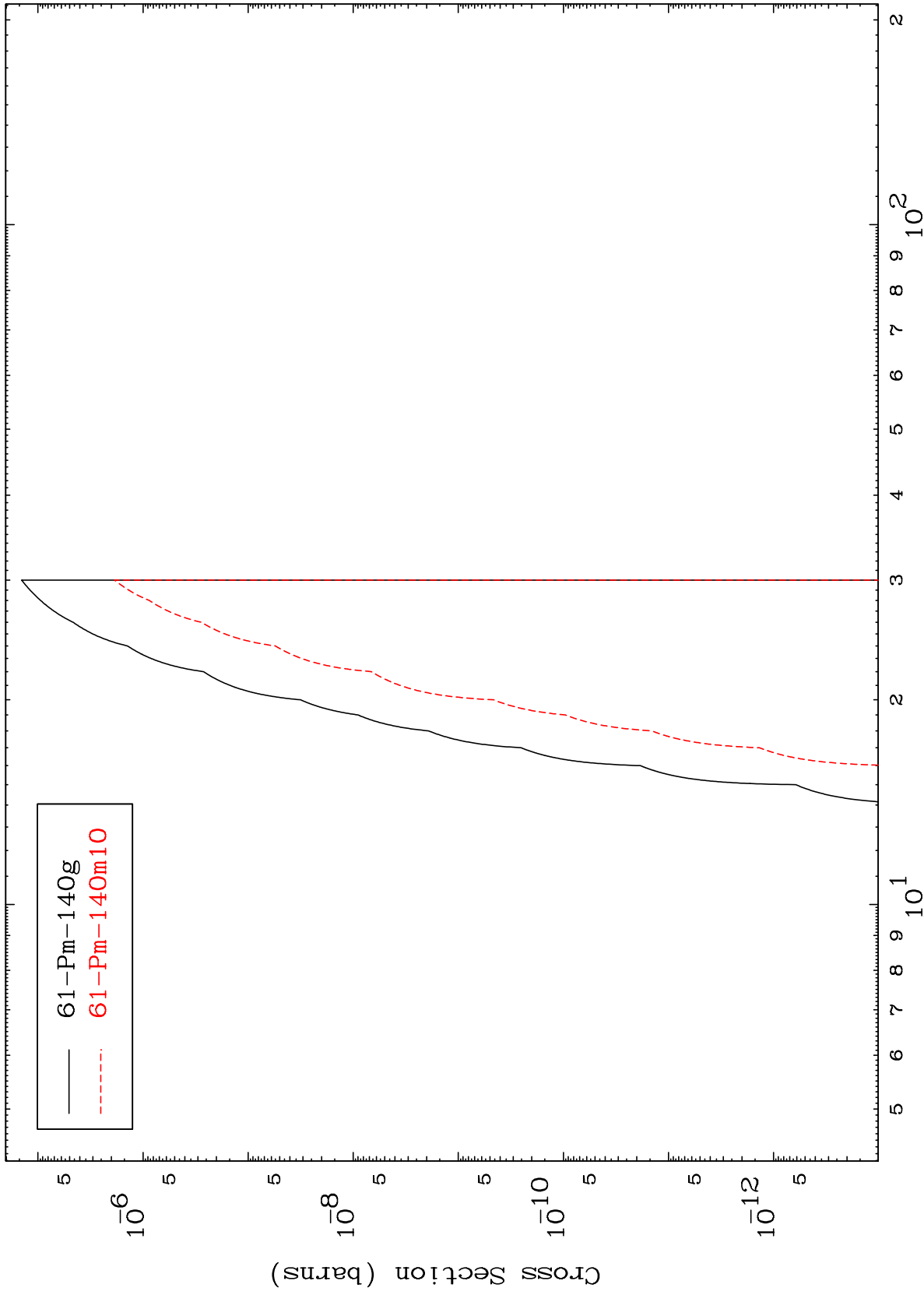
64-Gd-145

MAT 6404

(γ, p) α

64-Gd-145

Radionuclide Production Cross Section



21