

Program EVALPLOT
(Version 2018-1)

by

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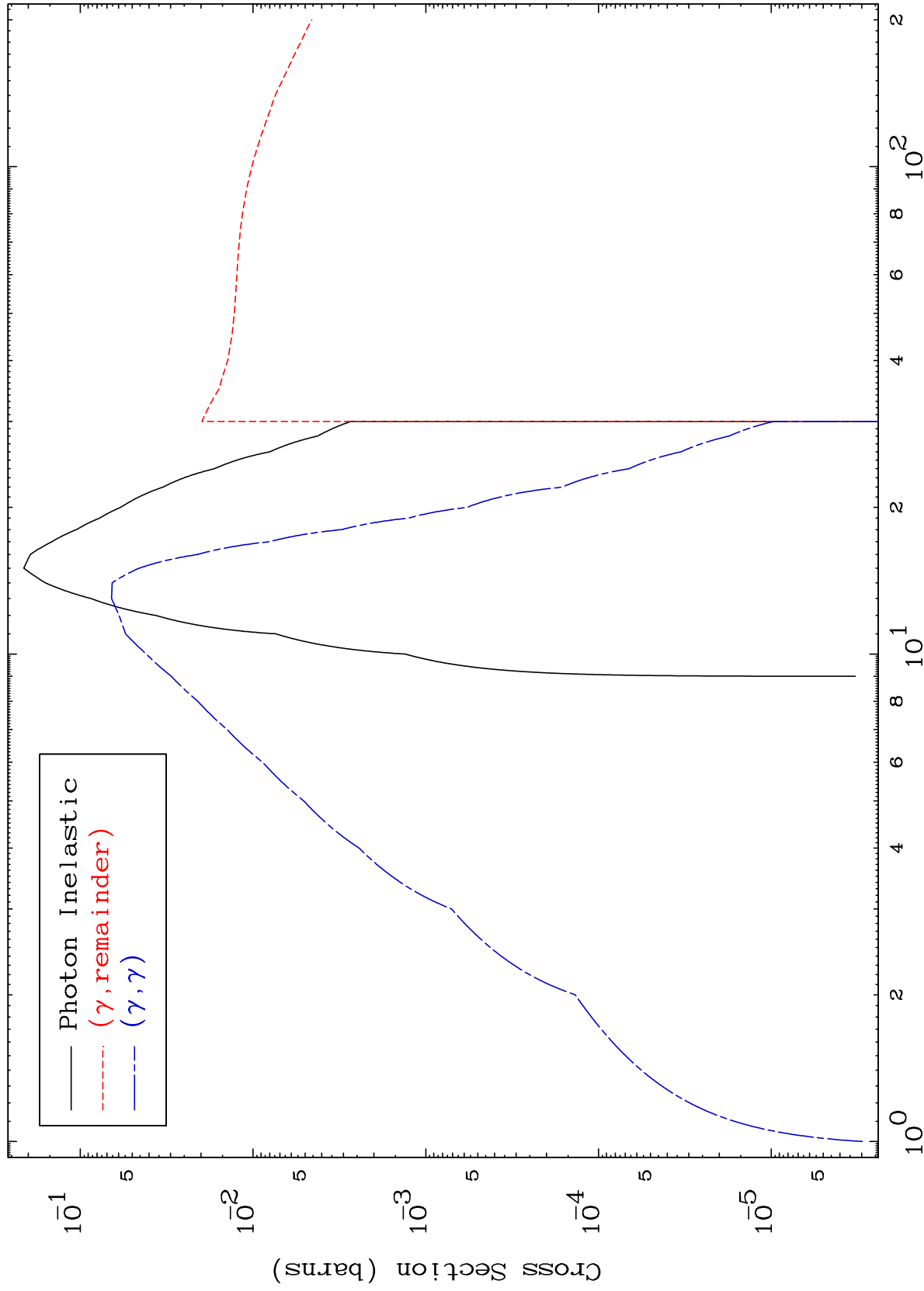
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6405

Photon Major
0 Kelvin Cross Sections

64-Gd-145



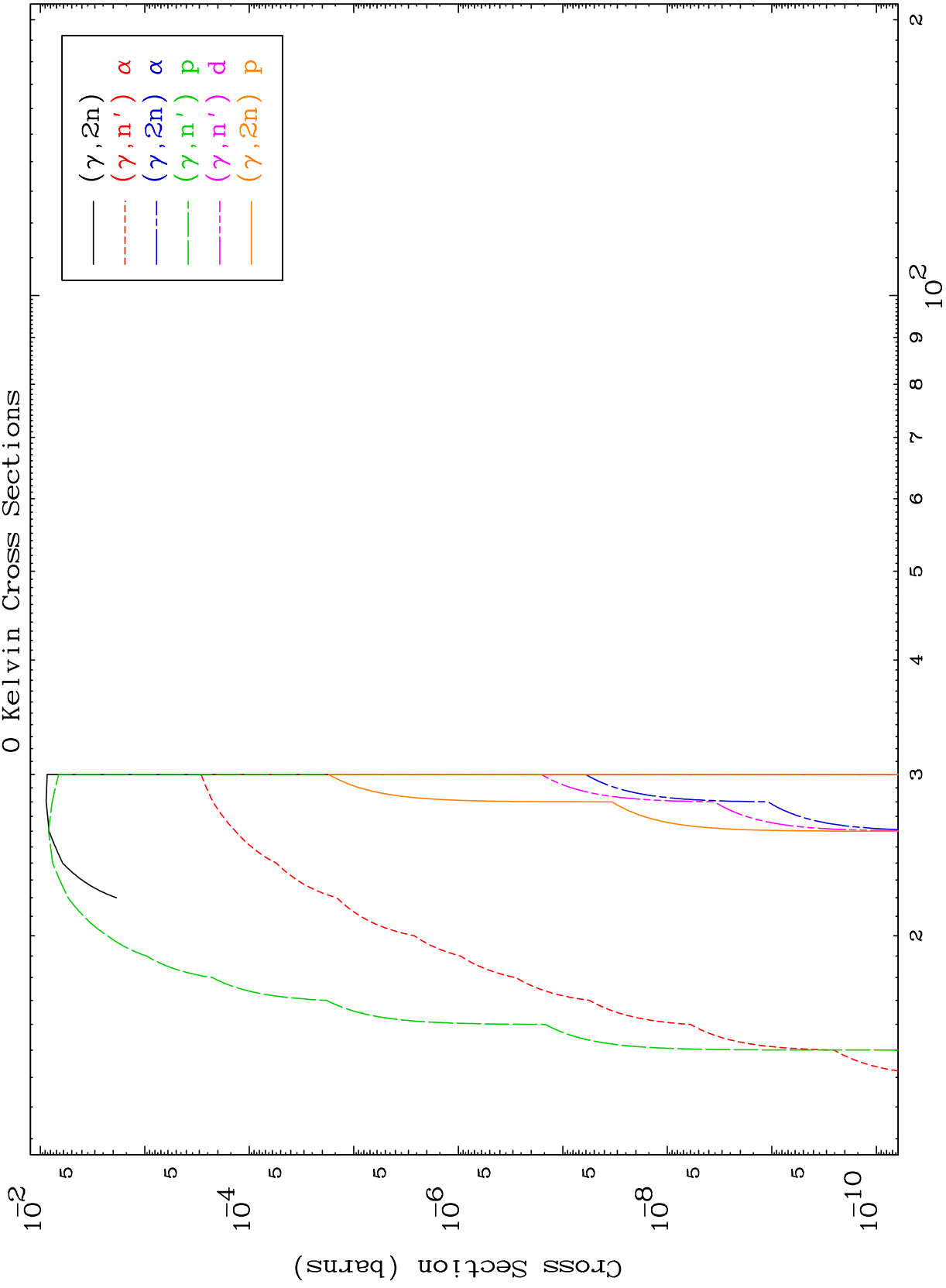
Incident Energy (MeV)

64-Gd-145

MAT 6405

Photon Neutron Production
0 Kelvin Cross Sections

64-Gd-145



2

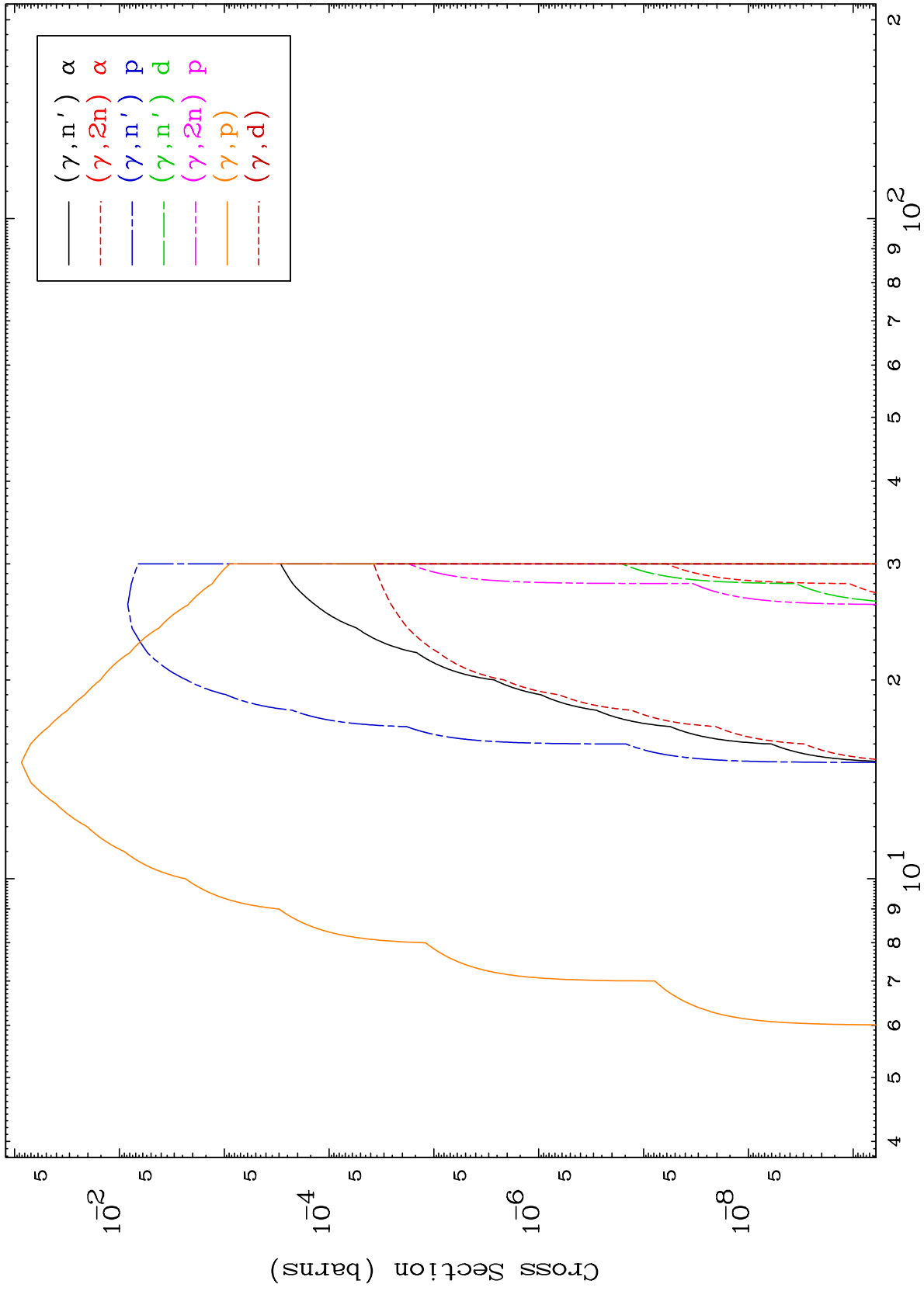
Incident Energy (MeV)

64-Gd-145

MAT 6405

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-145



3

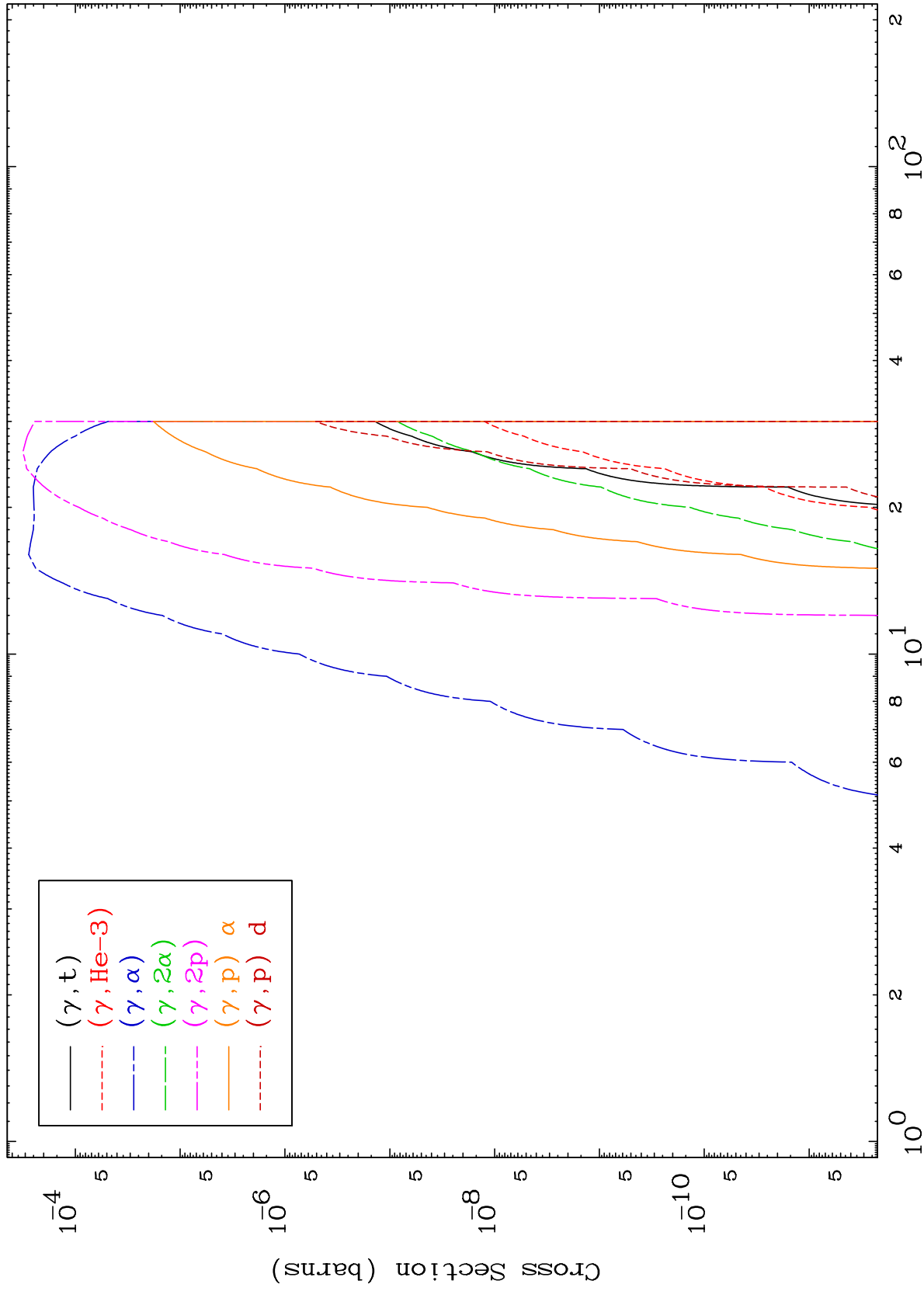
Incident Energy (MeV)

64-Gd-145

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Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-145



Incident Energy (MeV)

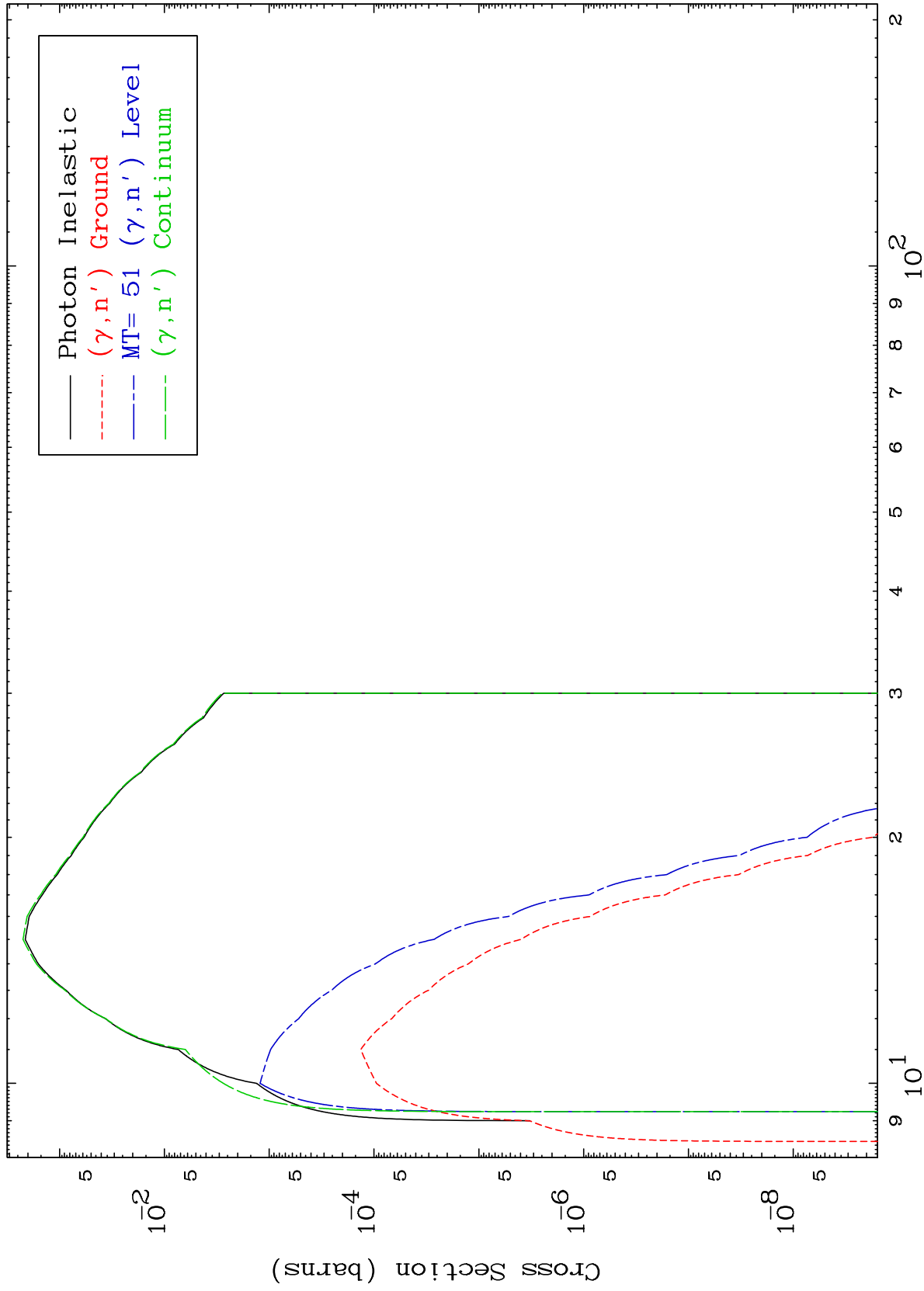
64-Gd-145

MAT 6405

(γ, n') Level

64-Gd-145

0 Kelvin Cross Sections



5

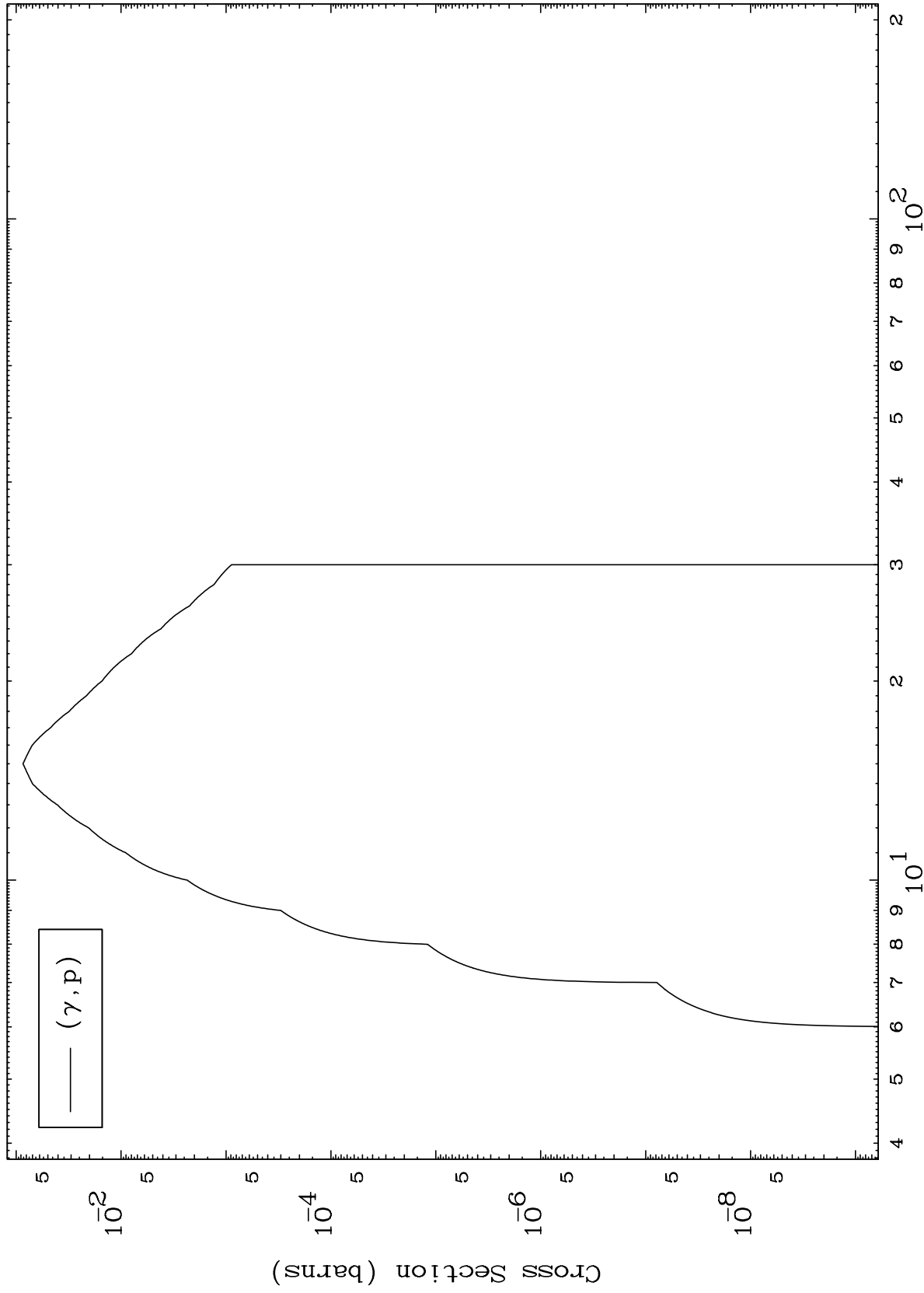
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(γ, p) Levels
0 Kelvin Cross Sections



6

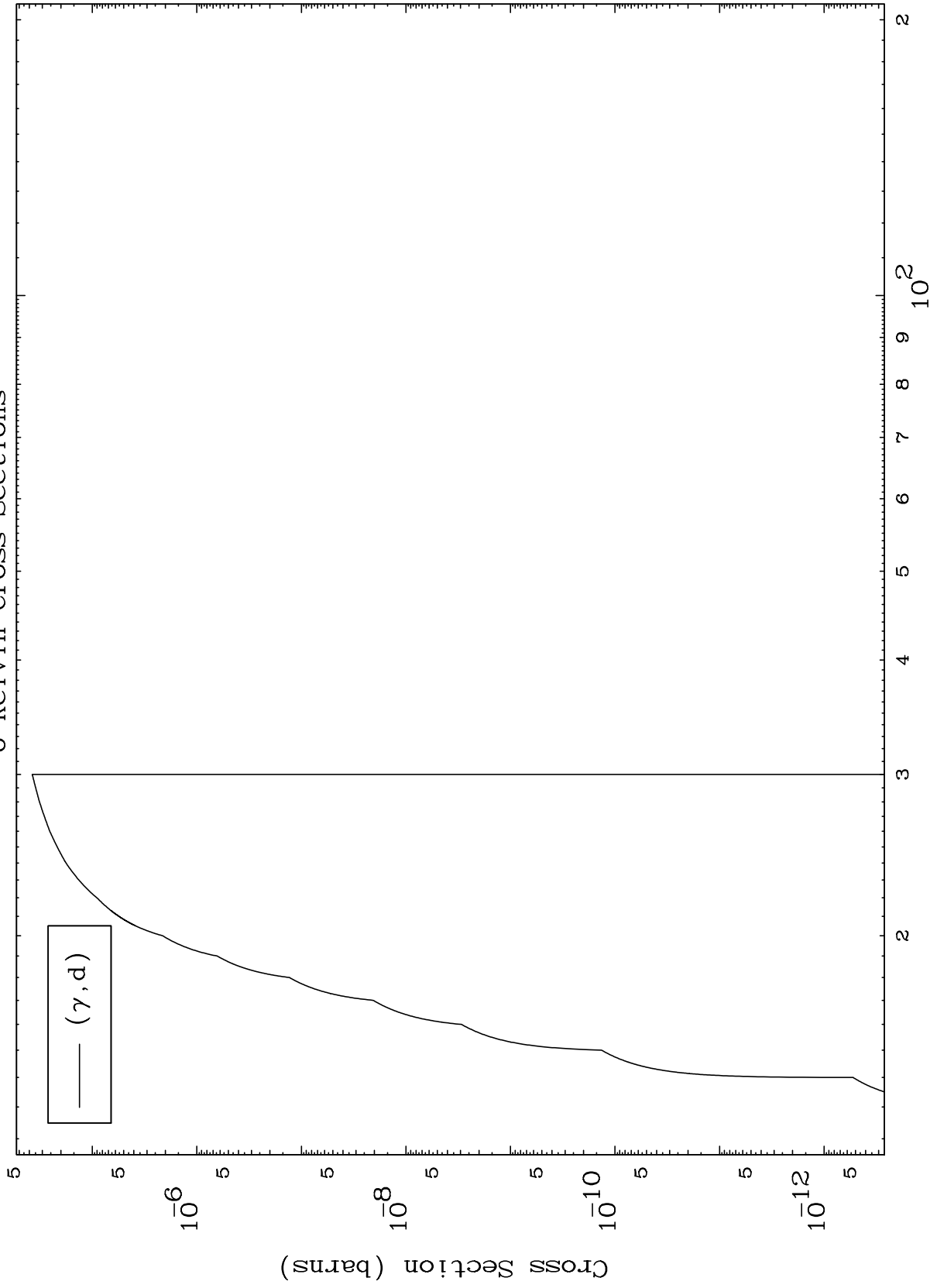
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(γ, d) Levels
0 Kelvin Cross Sections



7

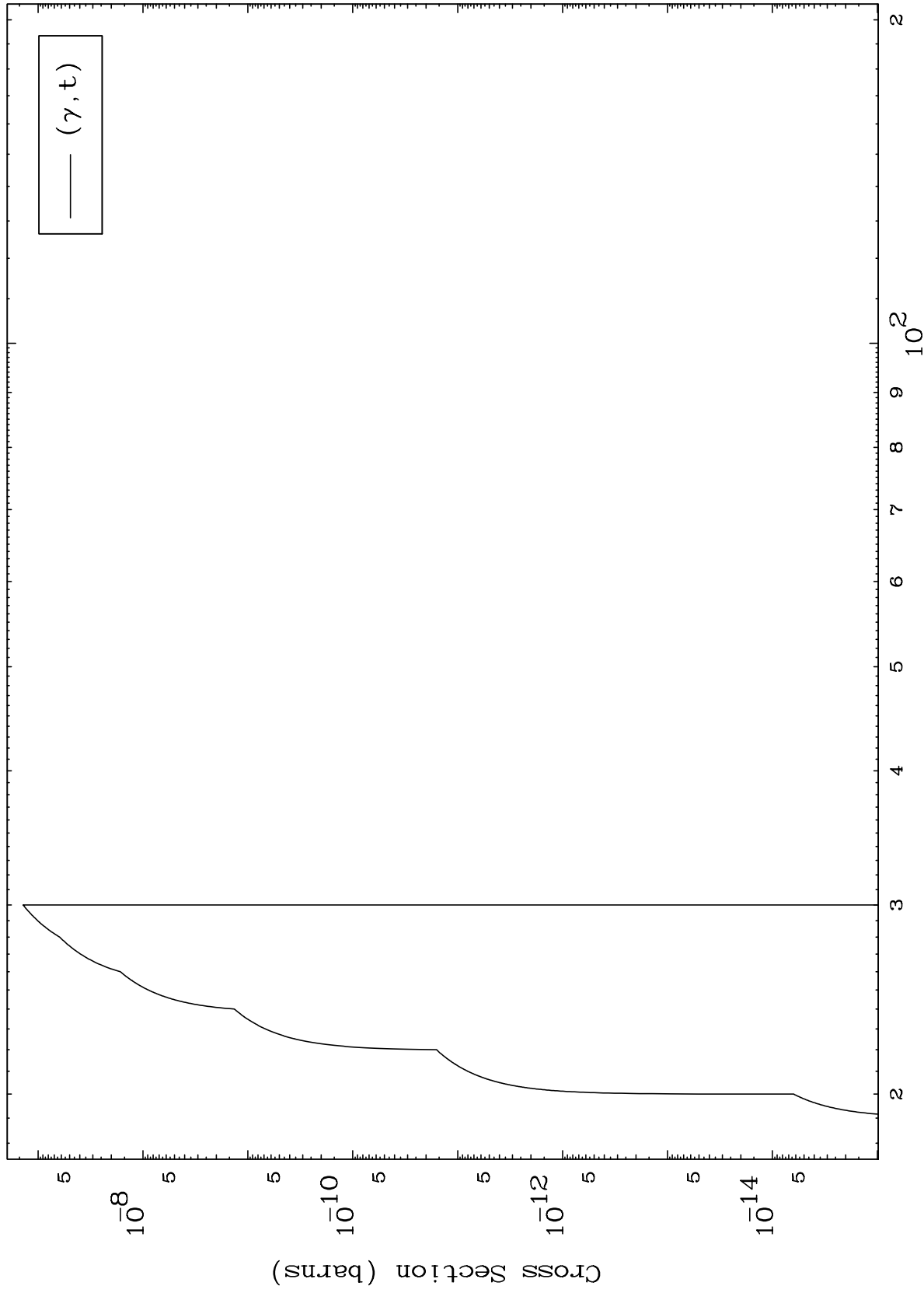
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(γ, t) Levels
0 Kelvin Cross Sections



— (γ, t)

8

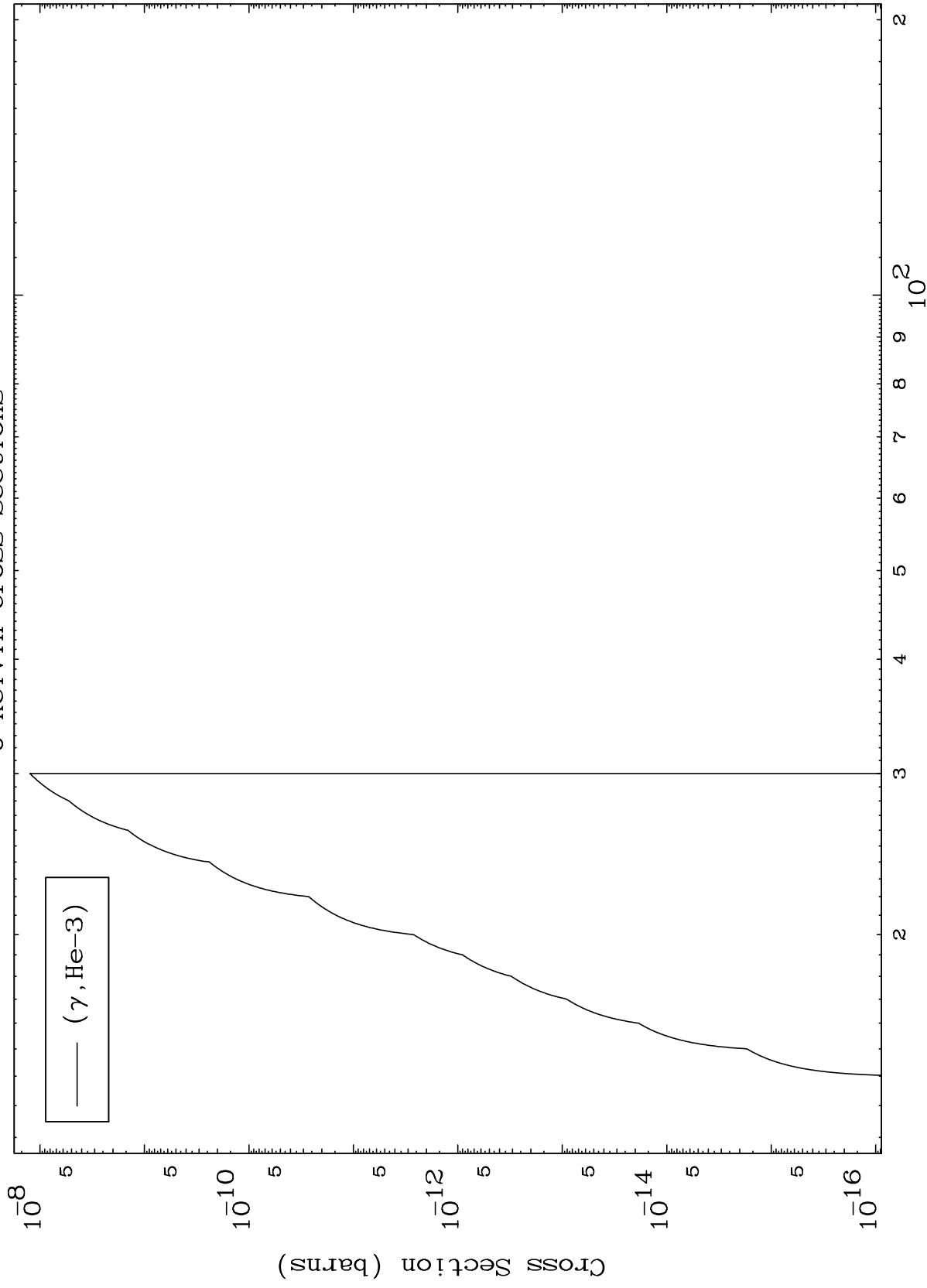
Incident Energy (MeV)

64-Gd-145

MAT 6405

(γ ,He3) Levels
0 Kelvin Cross Sections

64-Gd-145



9

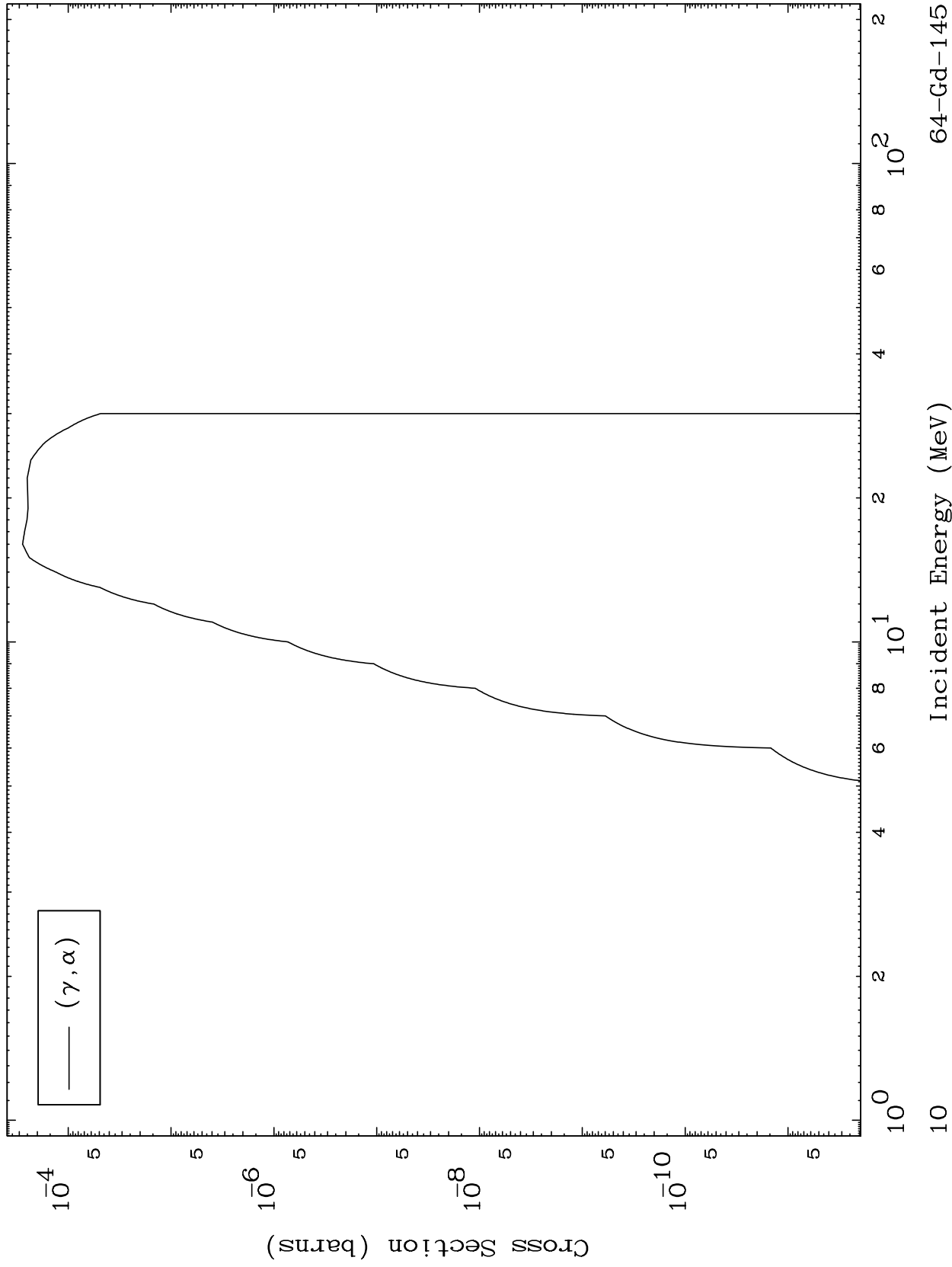
Incident Energy (MeV)

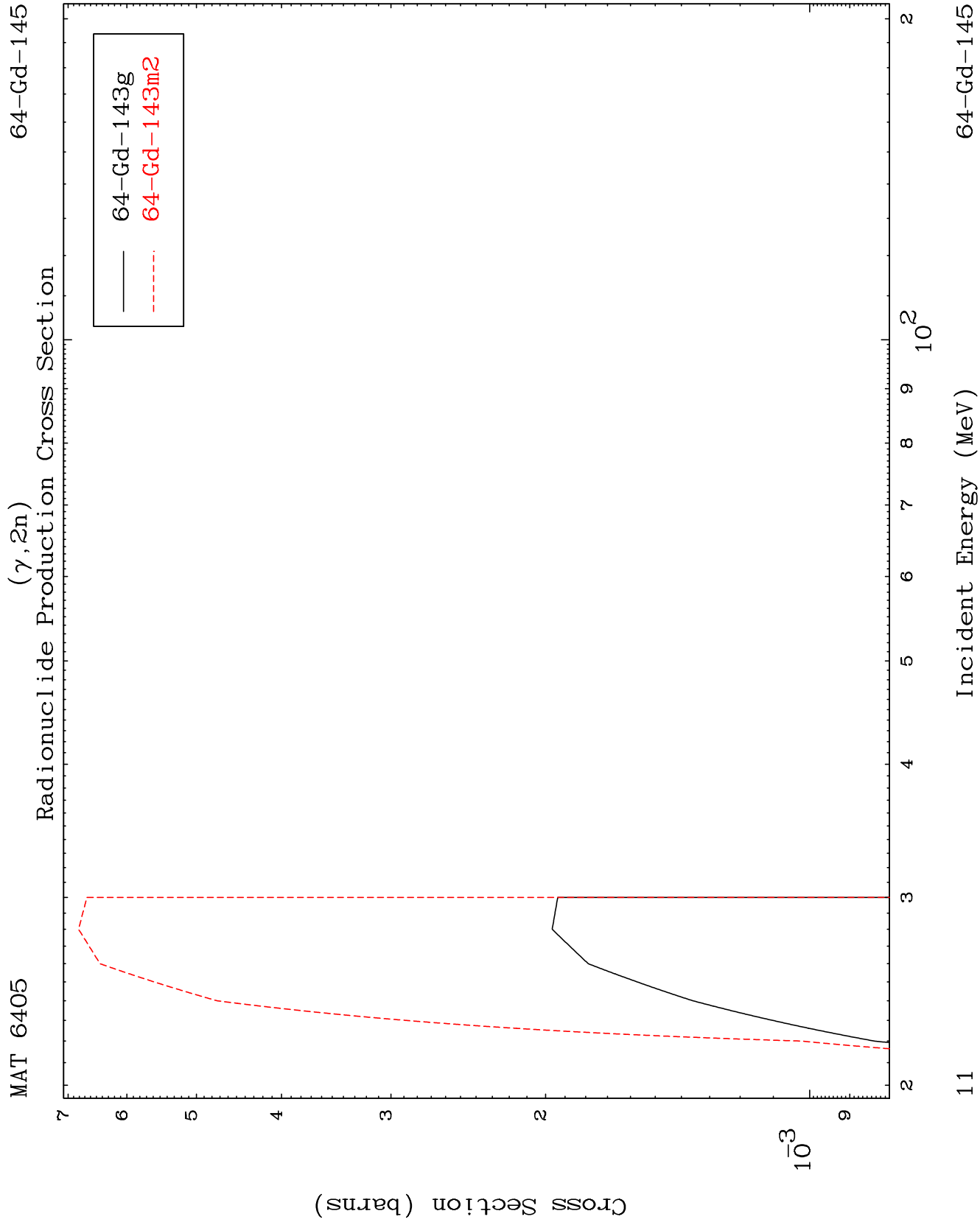
64-Gd-145

MAT 6405

(γ, α) Levels
0 Kelvin Cross Sections

64-Gd-145

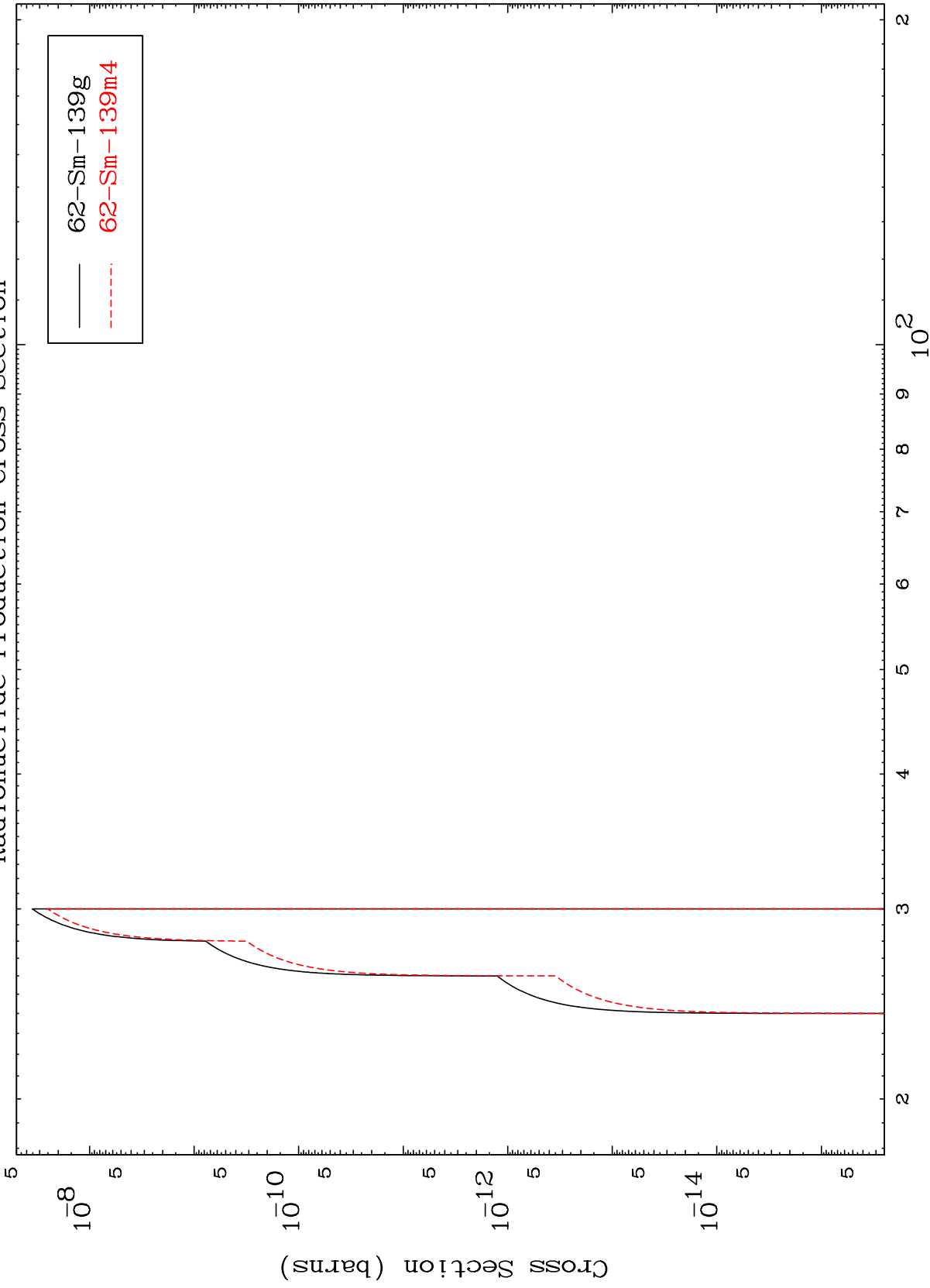




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64-Gd-145

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

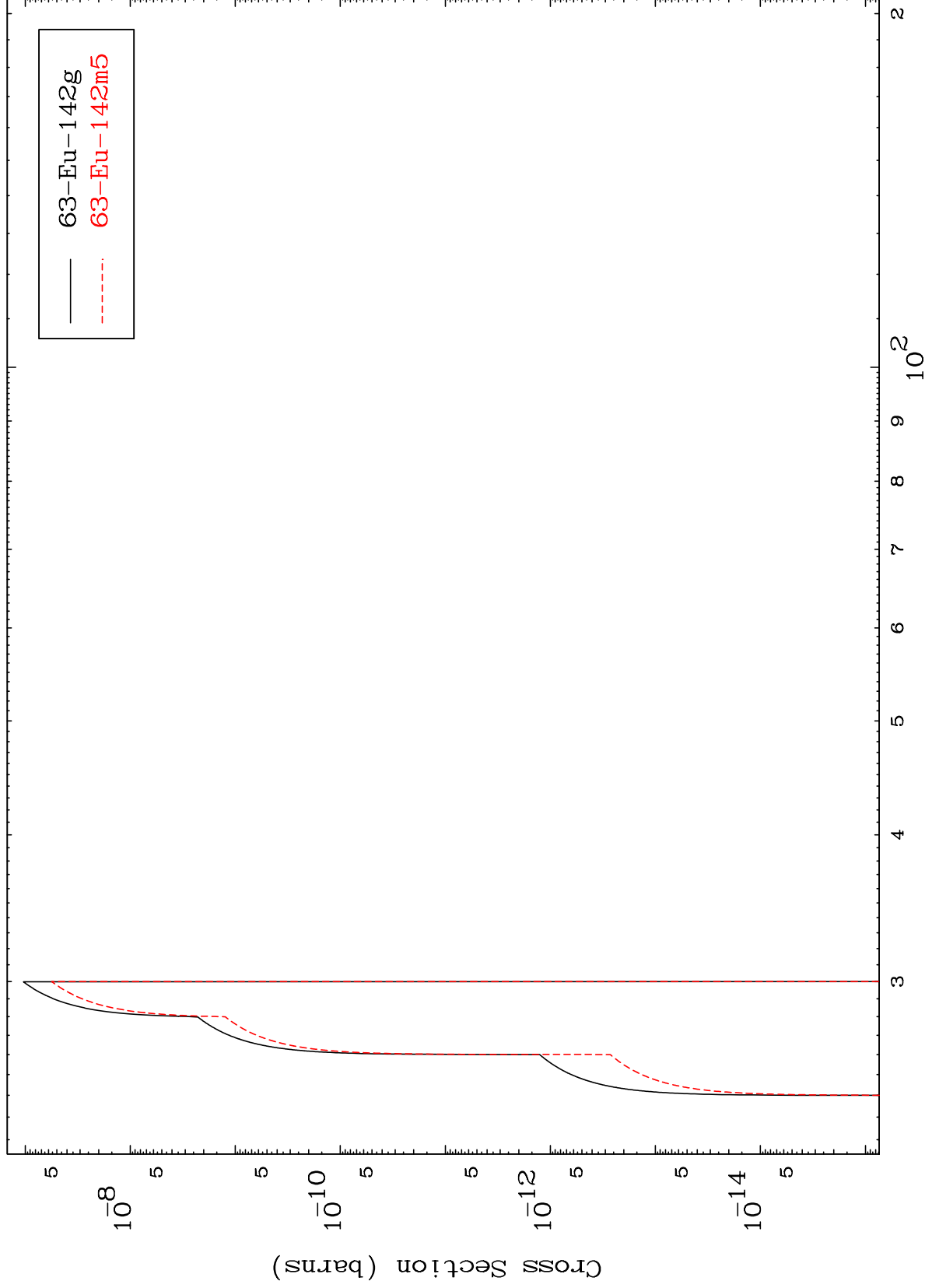


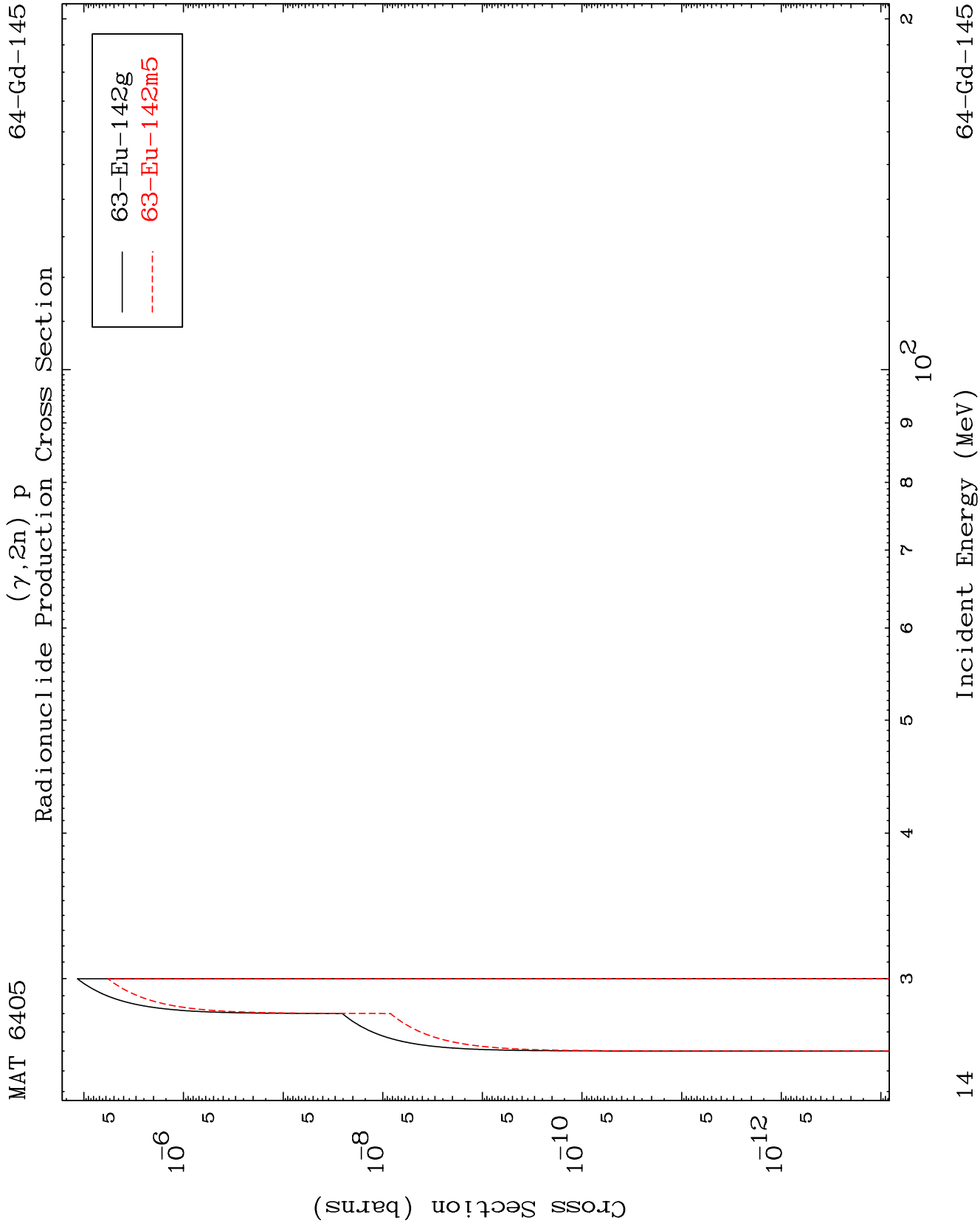
12

Incident Energy (MeV)

64-Gd-145

Radionuclide Production Cross Section

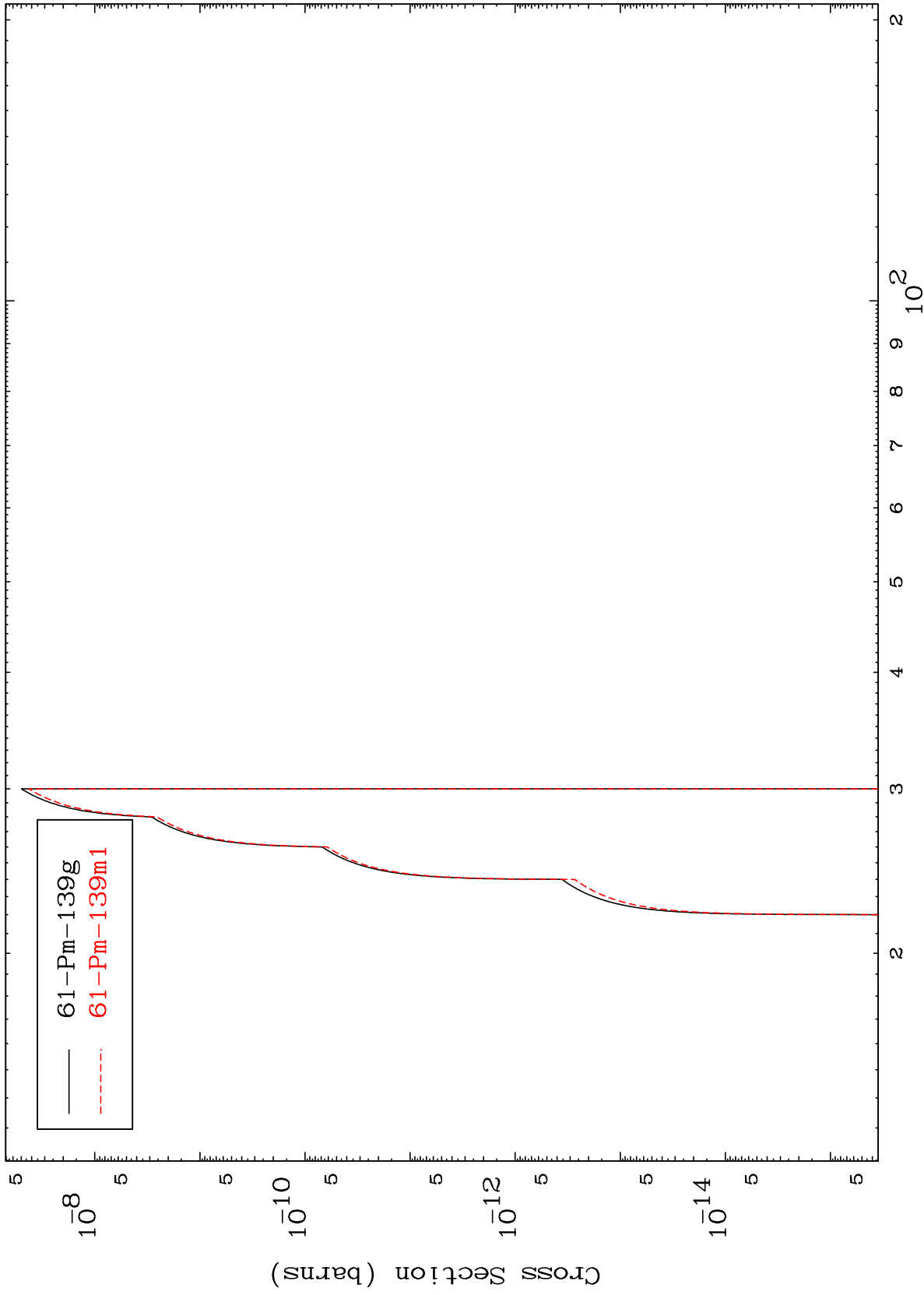




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64-Gd-145

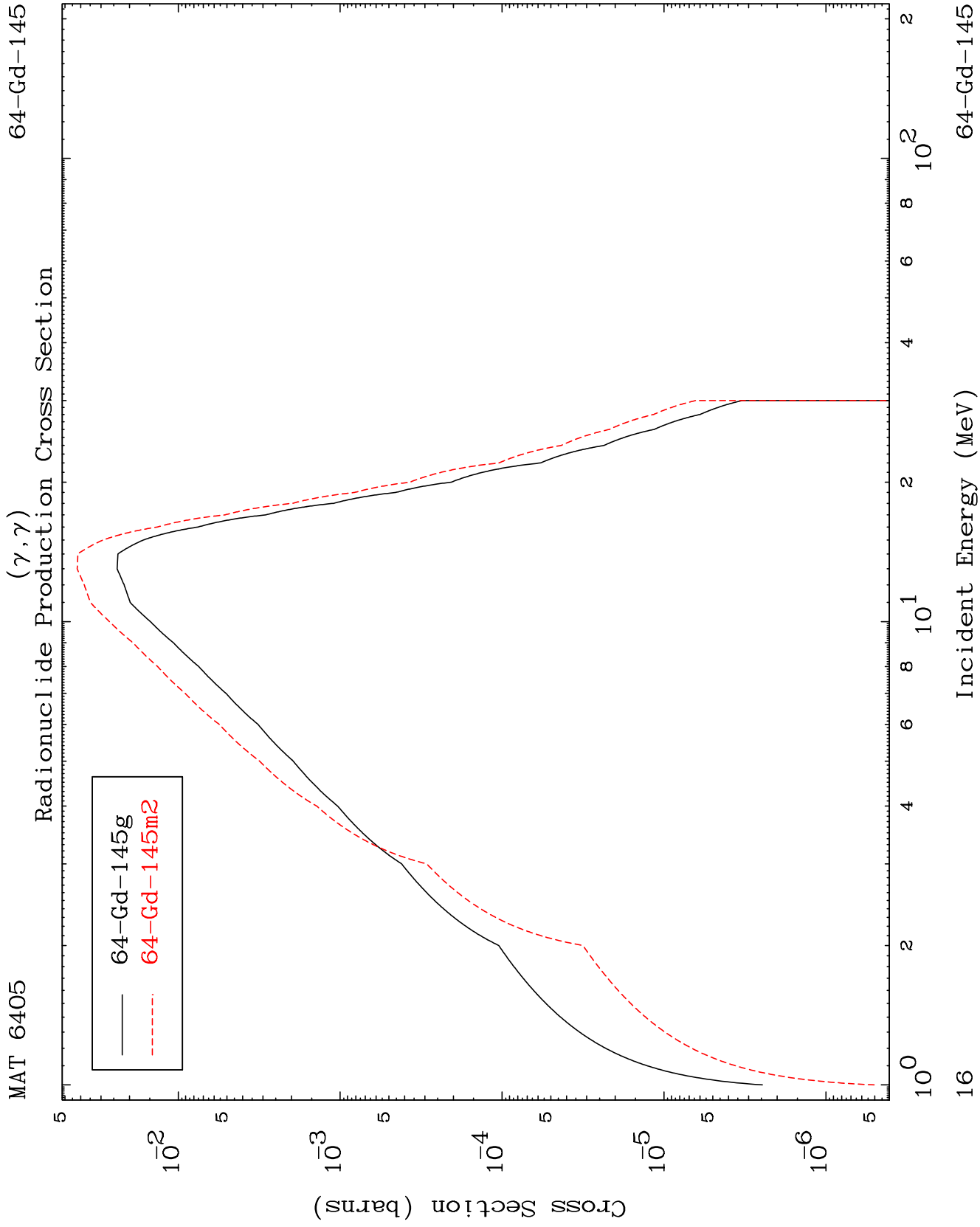
(γ, n') p α
Radionuclide Production Cross Section



15

Incident Energy (MeV)

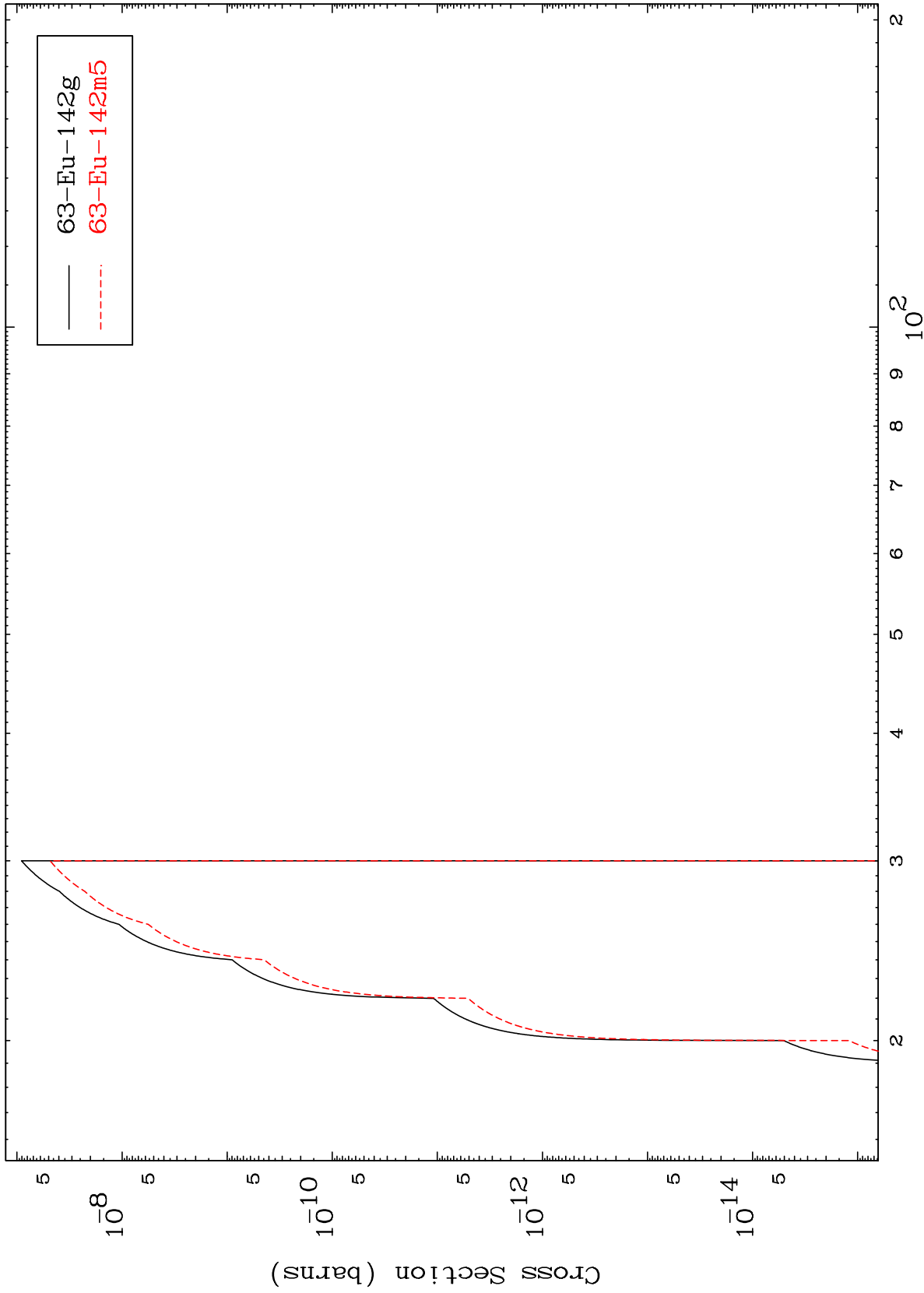
64-Gd-145



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64-Gd-145

(γ, t)
Radionuclide Production Cross Section



17

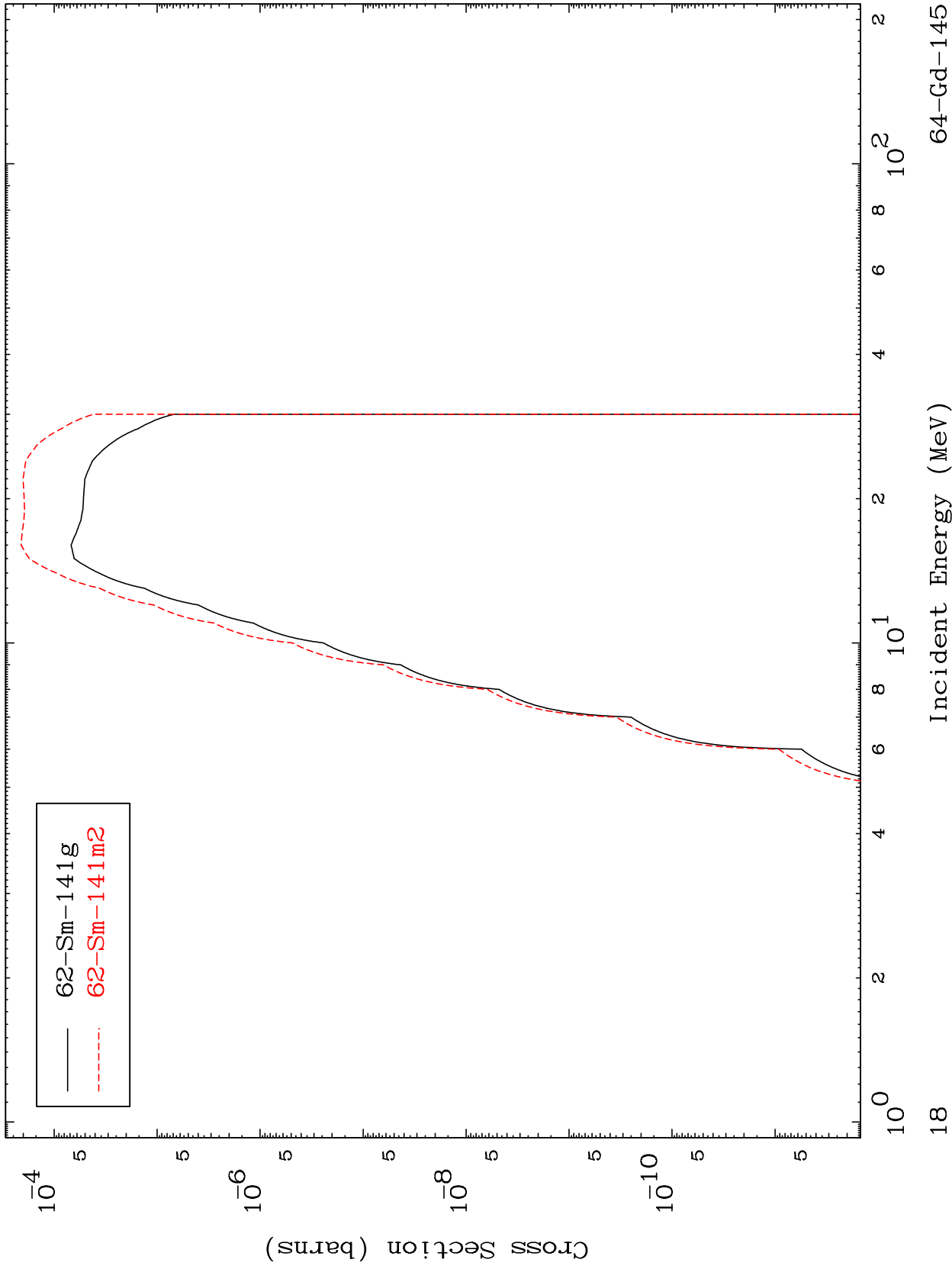
Incident Energy (MeV)

64-Gd-145

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Radionuclide Production Cross Section
(γ, α)

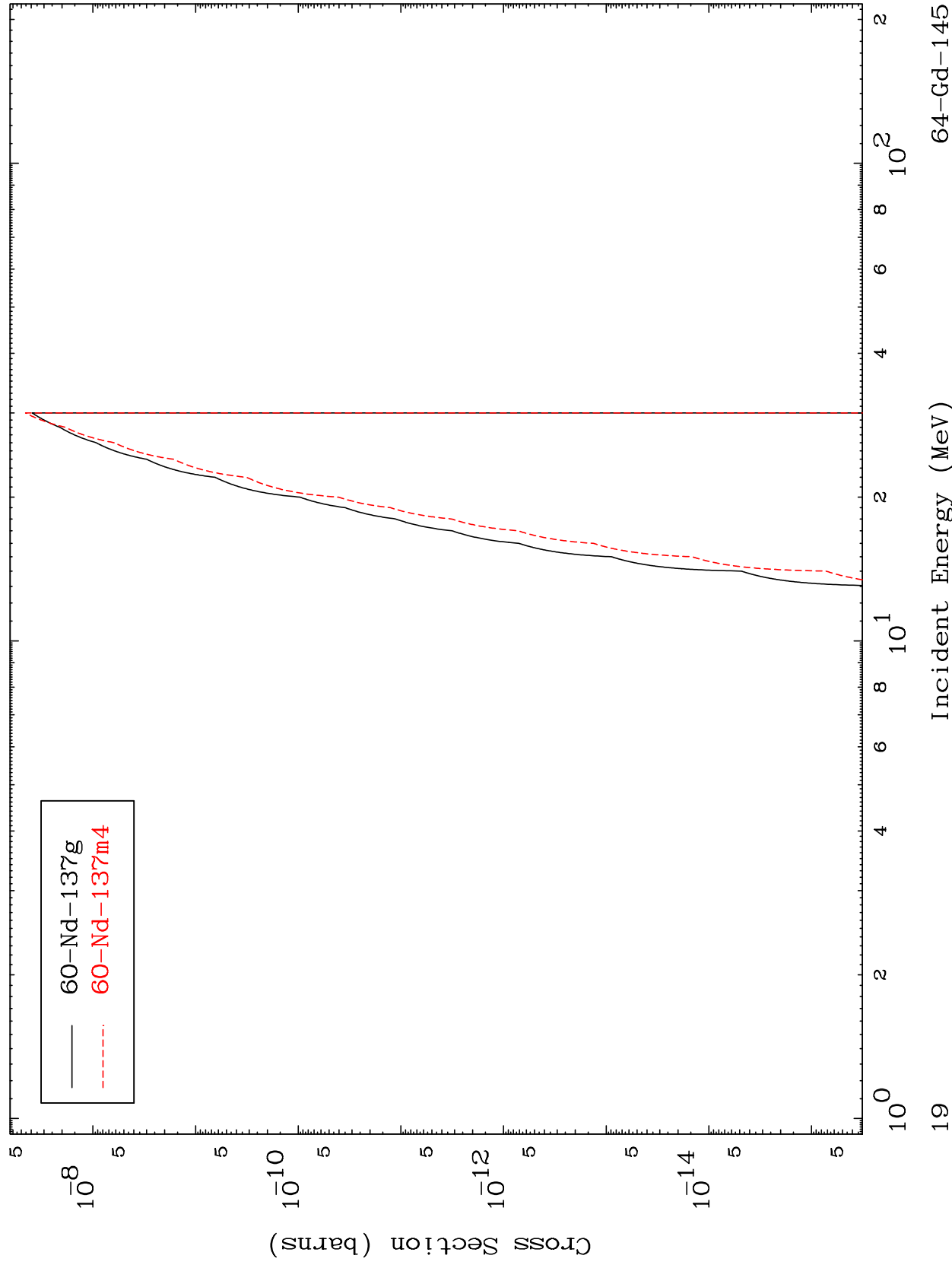
64-Gd-145



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

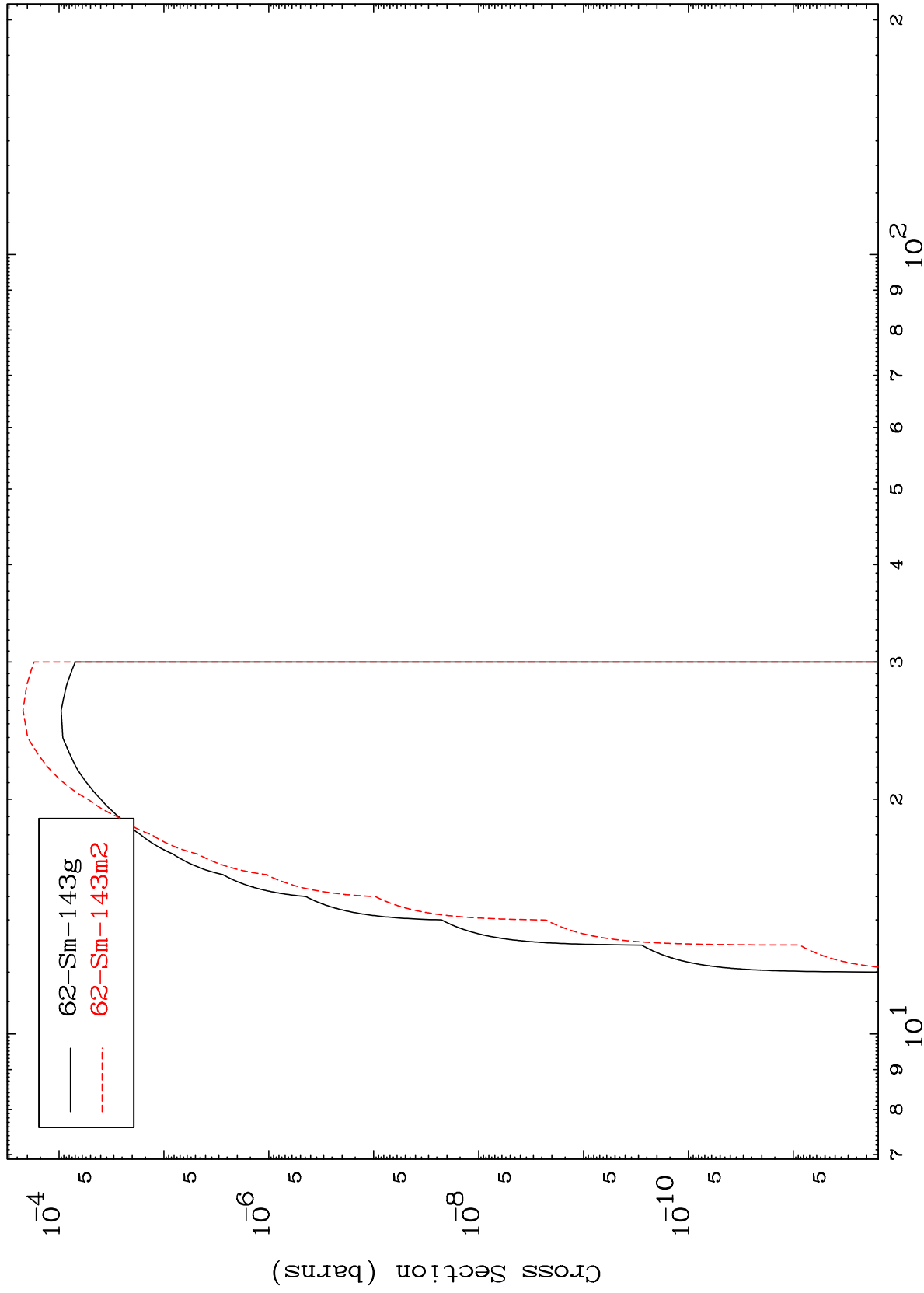
64-Gd-145



MAT 6405

64-Gd-145

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



20

Incident Energy (MeV)

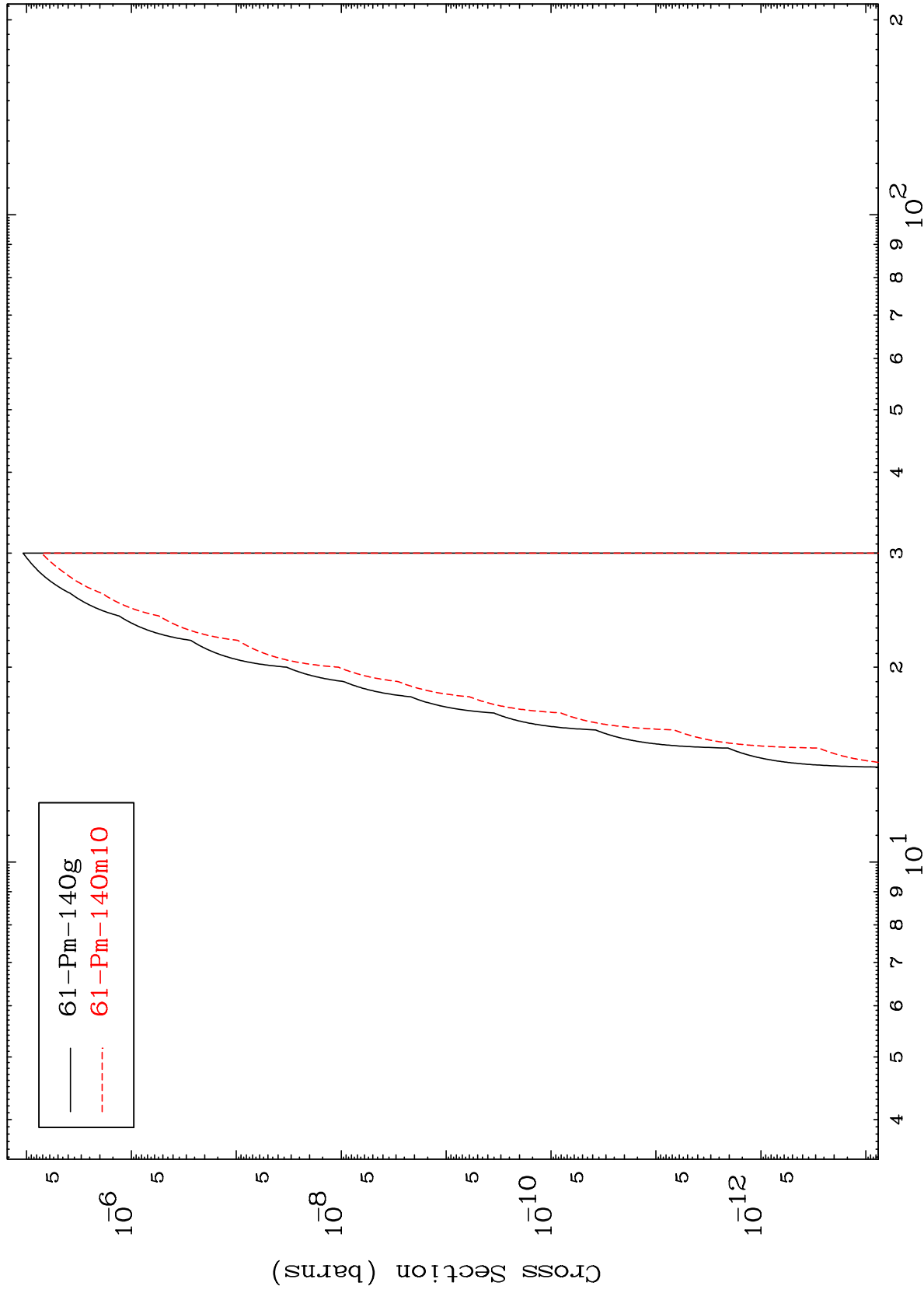
64-Gd-145

MAT 6405

$(\gamma, p) \alpha$

64-Gd-145

Radionuclide Production Cross Section



21

Incident Energy (MeV)

64-Gd-145