

Program EVALPLOT
(Version 2018-1)

by

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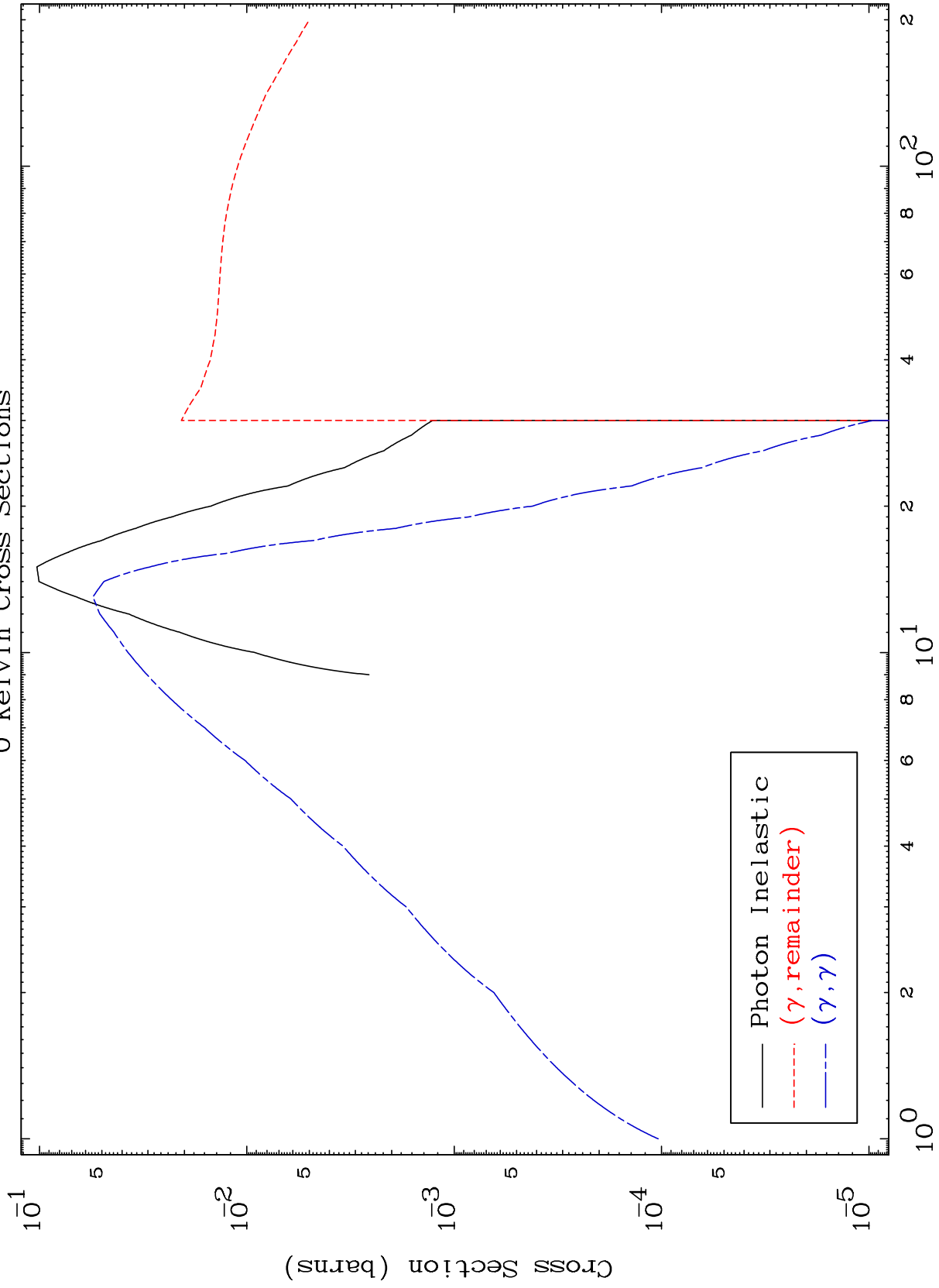
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7074

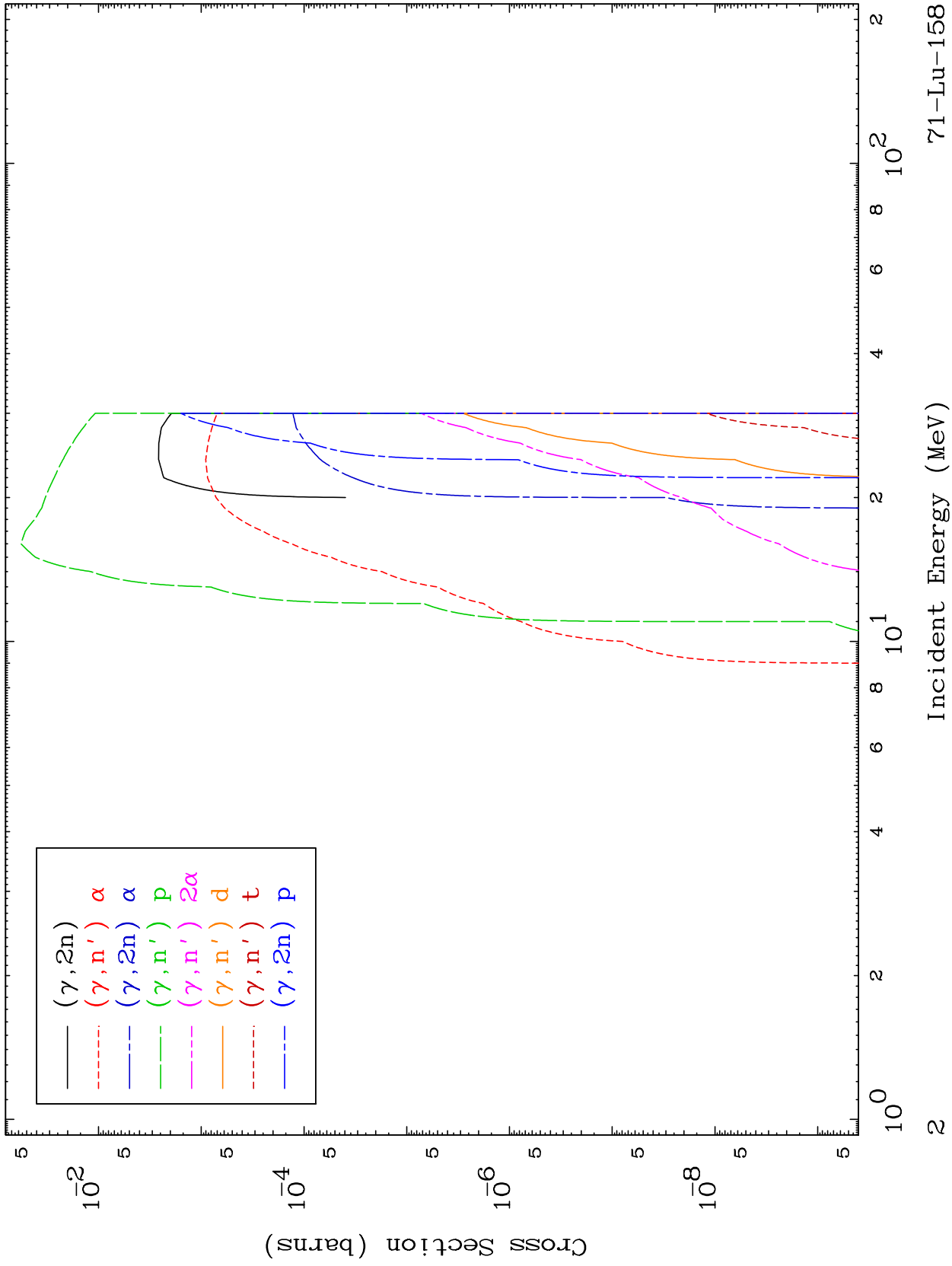
Photon Major
0 Kelvin Cross Sections

71-Lu-158



71-Lu-158

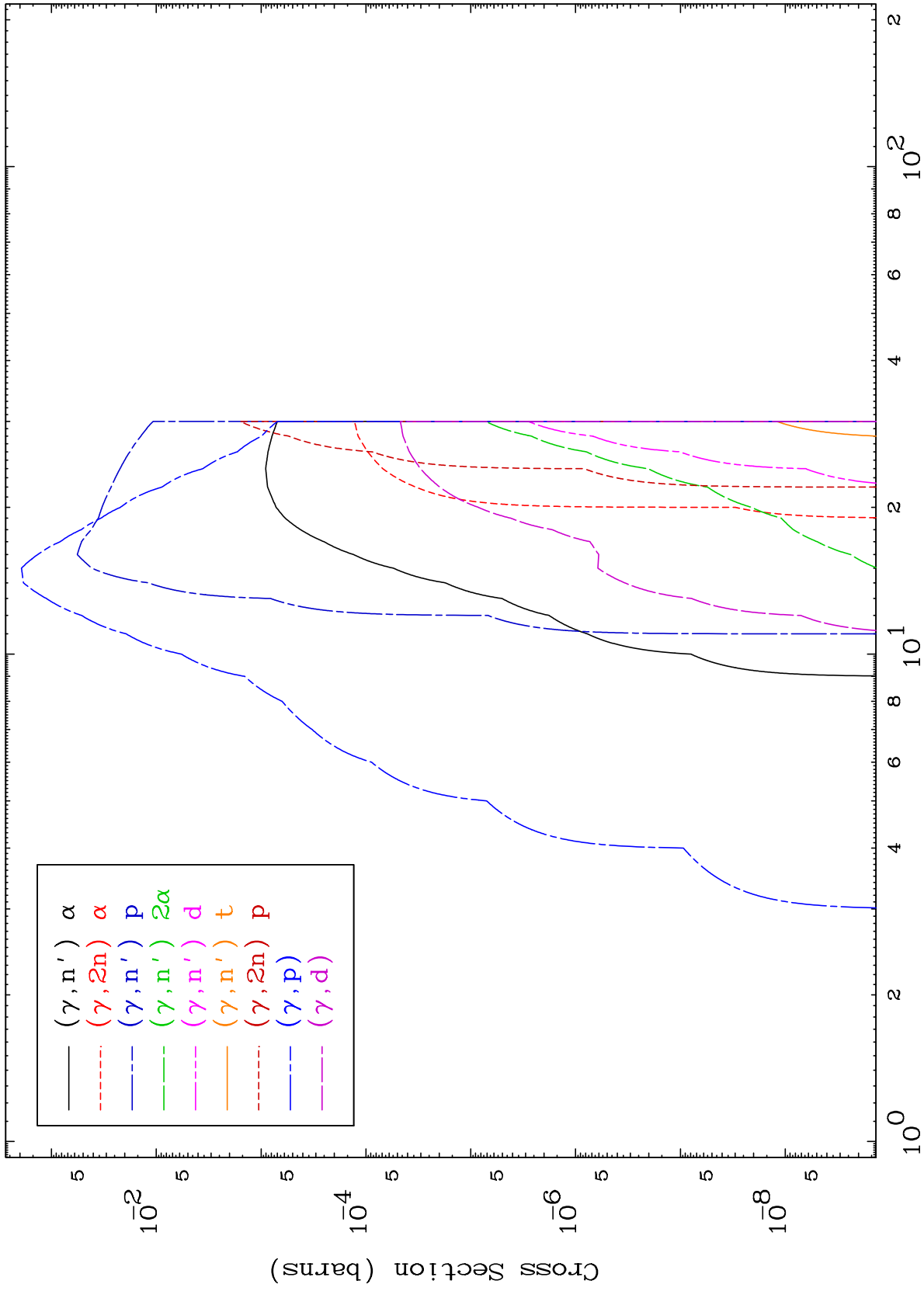
Incident Energy (MeV)



MAT 7074

Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-158



3

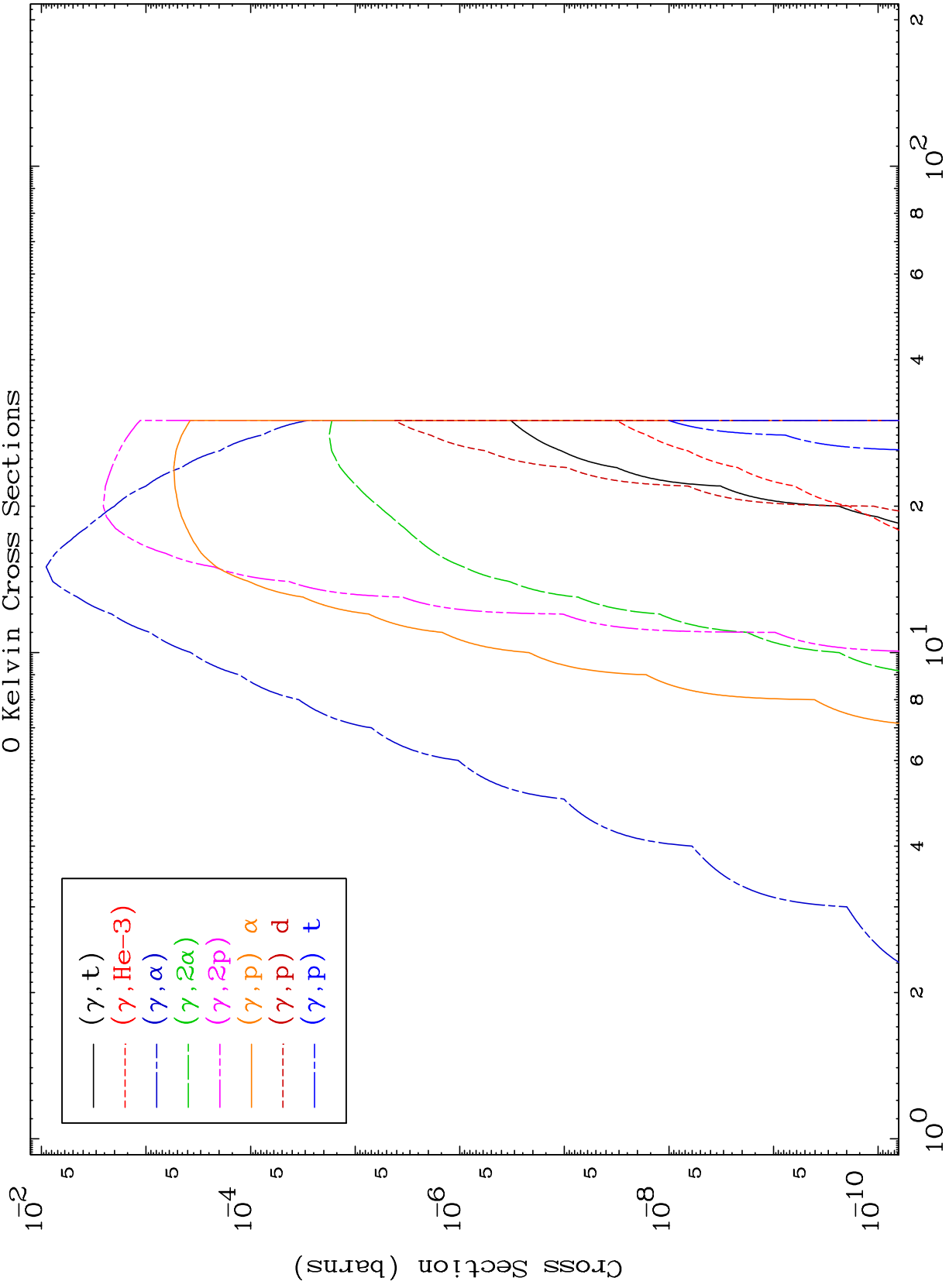
Incident Energy (MeV)

71-Lu-158

MAT 7074

Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-158



71-Lu-158

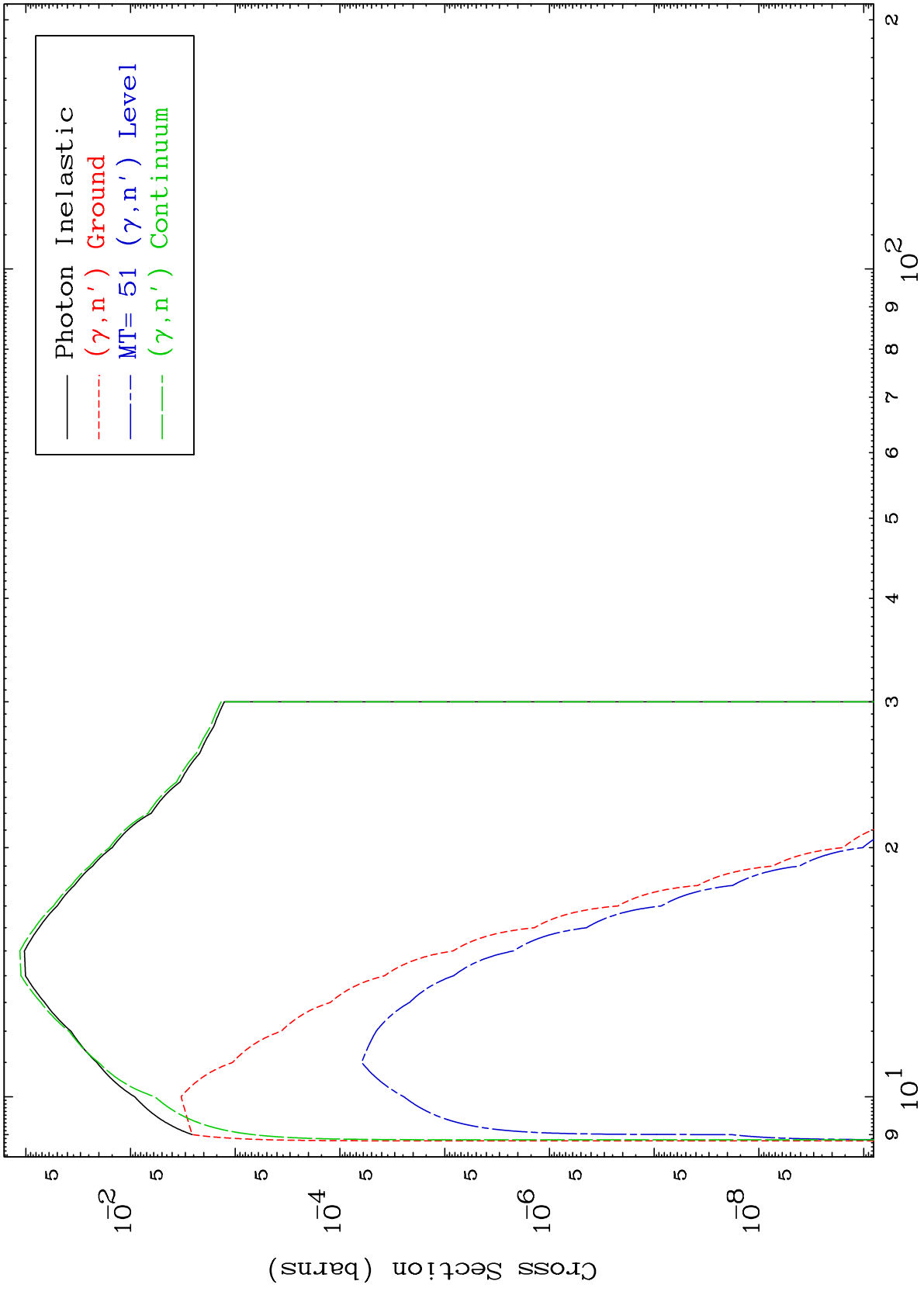
Incident Energy (MeV)

4

MAT 7074

(γ, n') Level
0 Kelvin Cross Sections

71-Lu-158



71-Lu-158

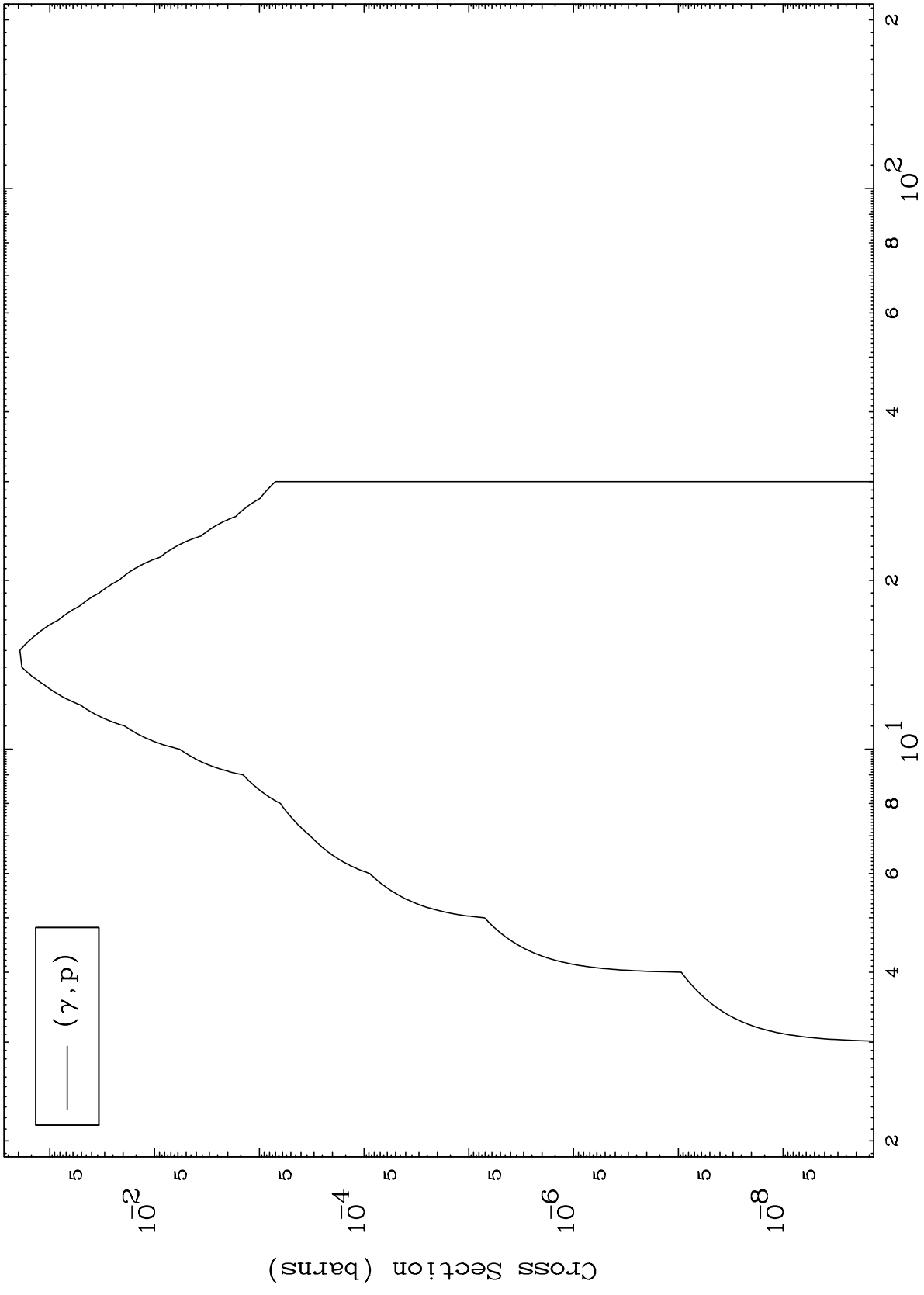
Incident Energy (MeV)

5

MAT 7074

(γ, p) Levels
0 Kelvin Cross Sections

71-Lu-158



(γ, p)

6

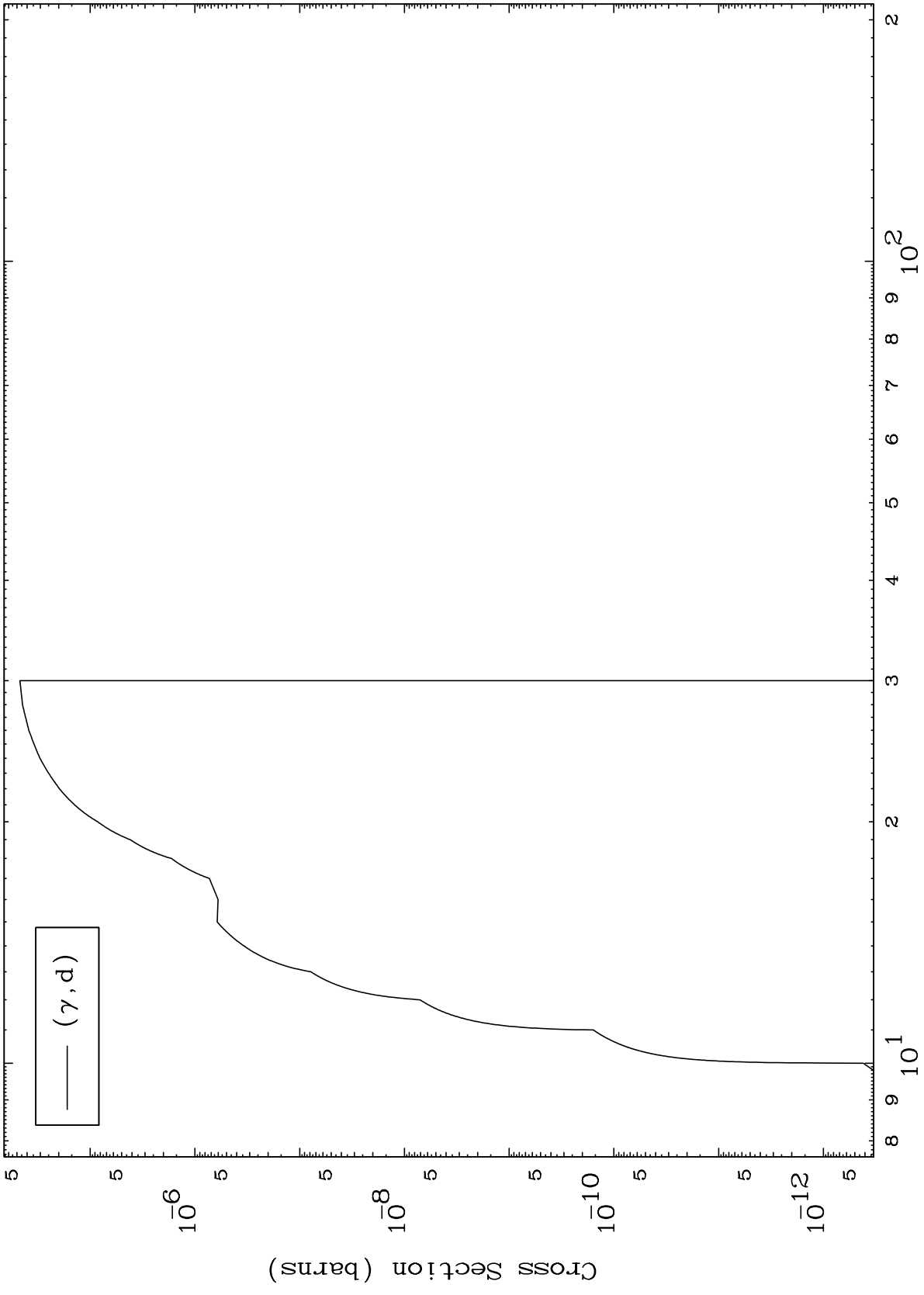
Incident Energy (MeV)

71-Lu-158

MAT 7074

(γ, d) Levels
0 Kelvin Cross Sections

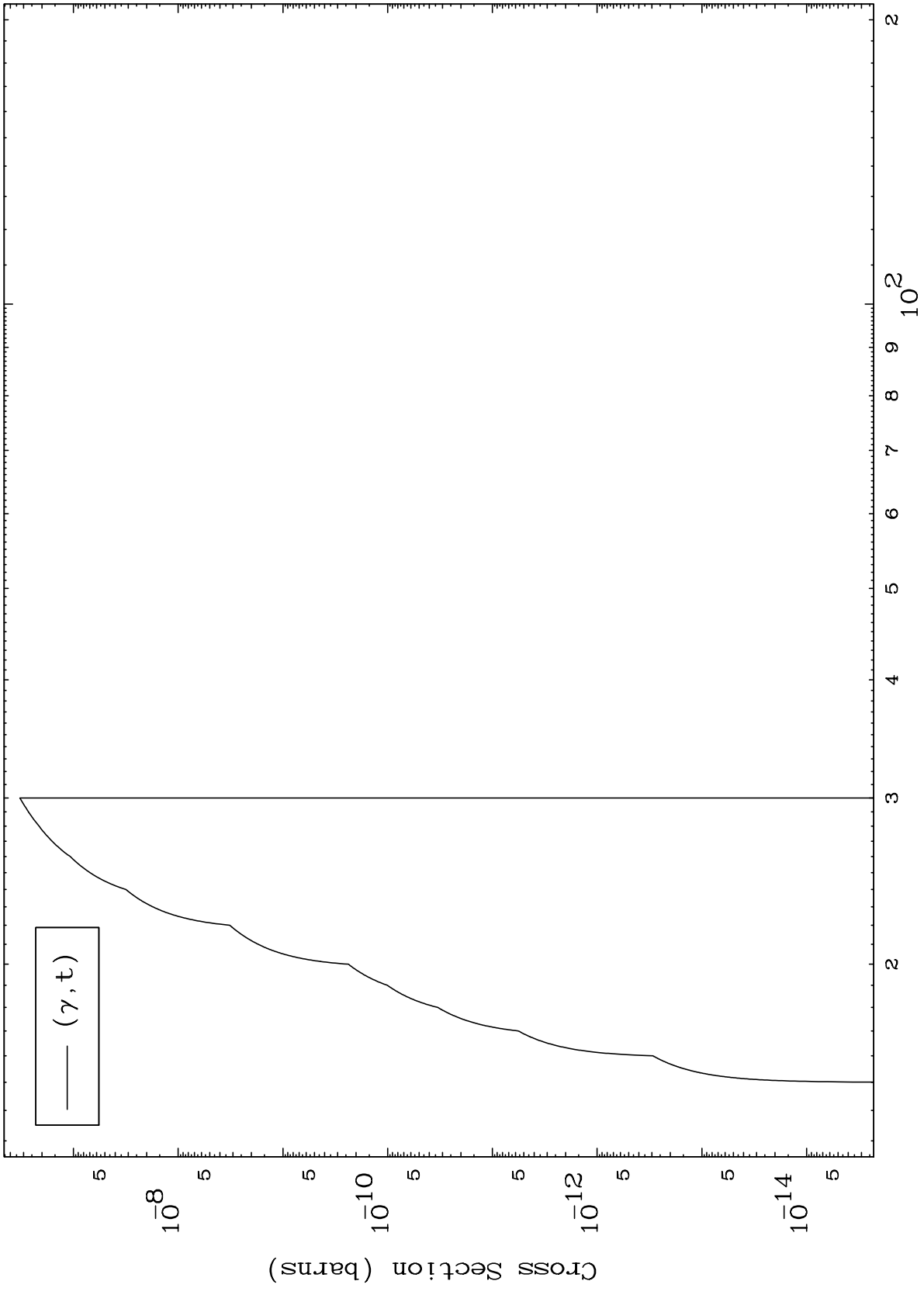
71-Lu-158



7

Incident Energy (MeV)

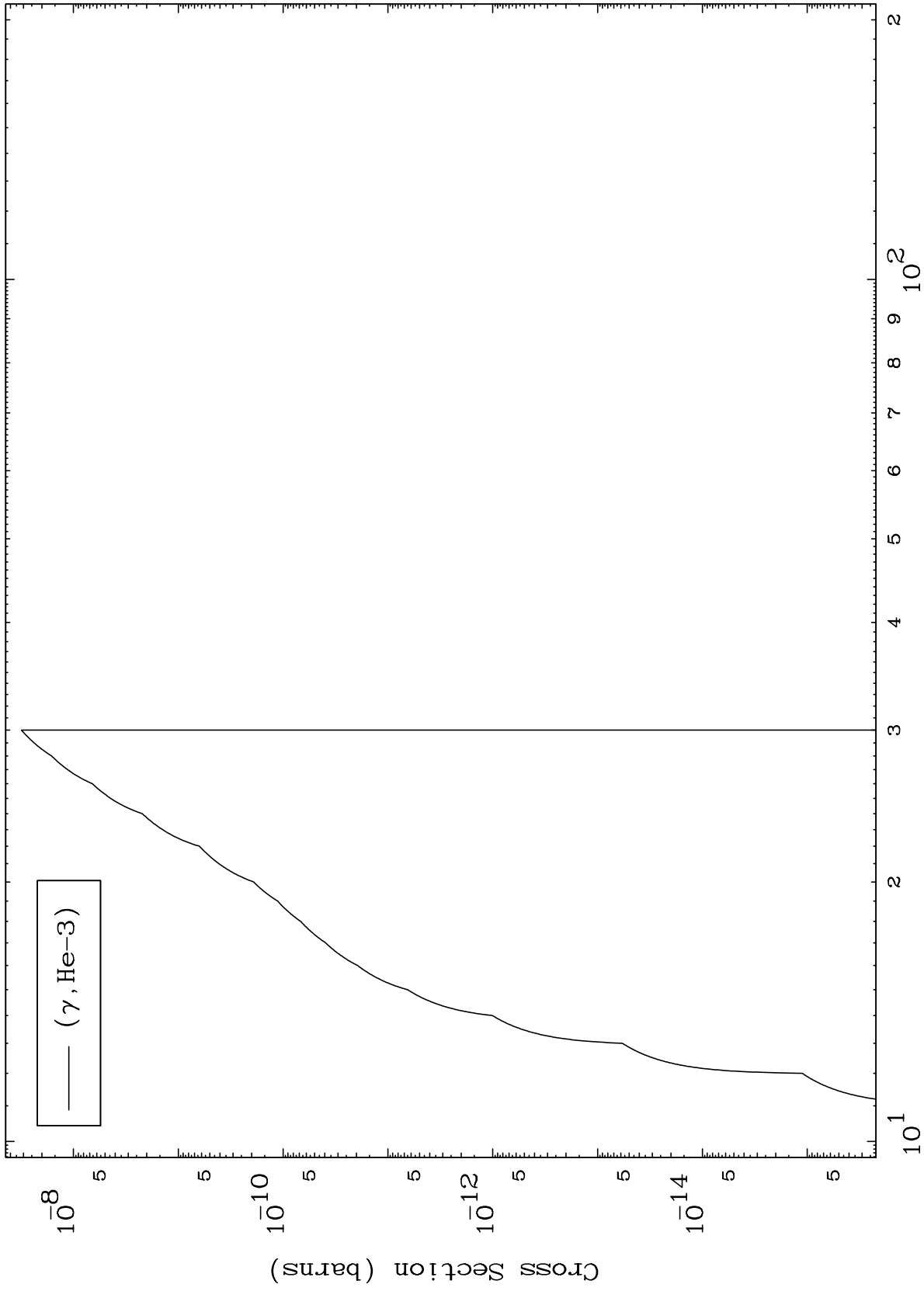
71-Lu-158



MAT 7074

(γ ,He3) Levels
0 Kelvin Cross Sections

71-Lu-158



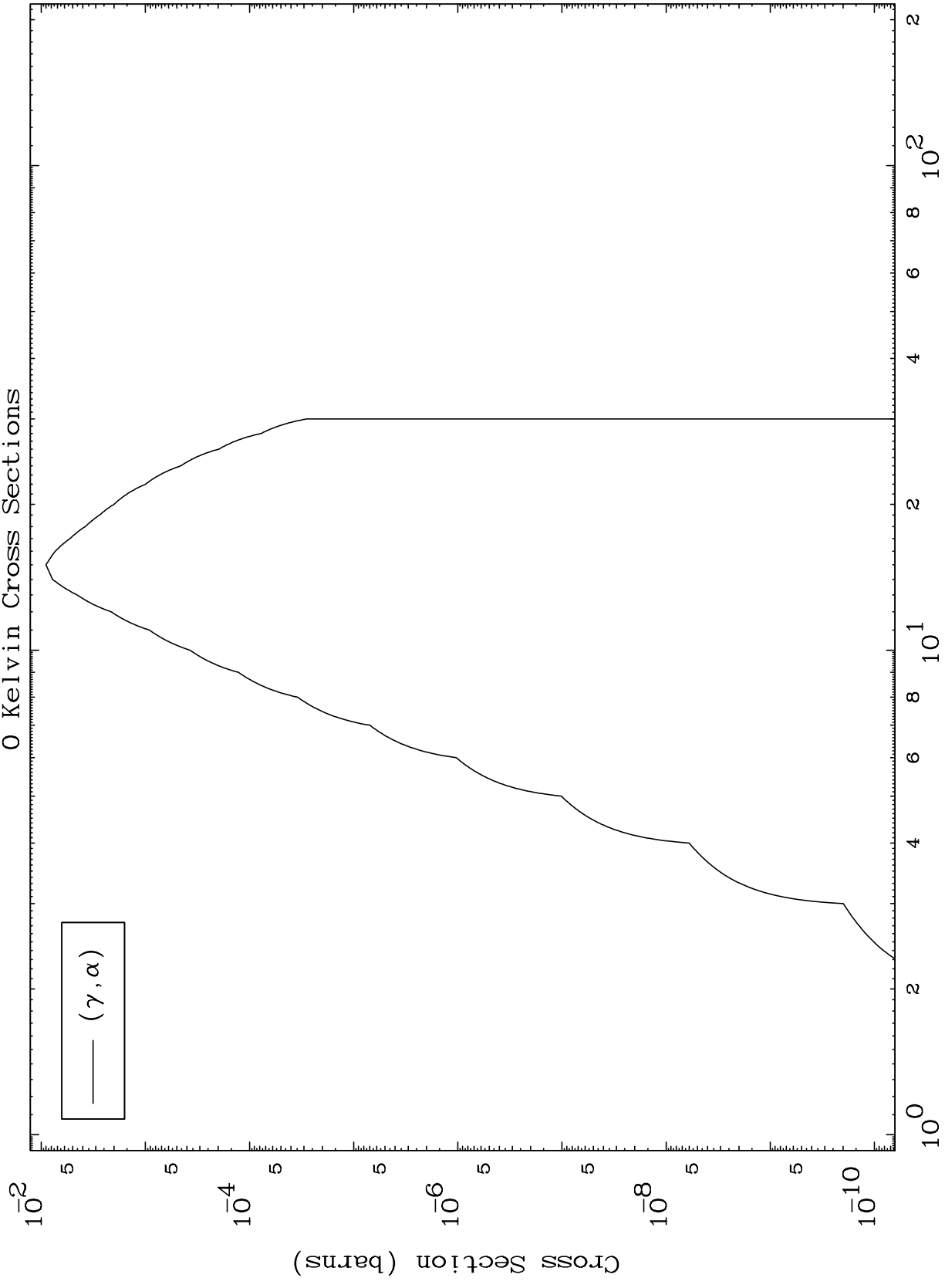
Incident Energy (MeV)

71-Lu-158

MAT 7074

(γ, α) Levels
0 Kelvin Cross Sections

⁷¹Lu-158



(γ, α)

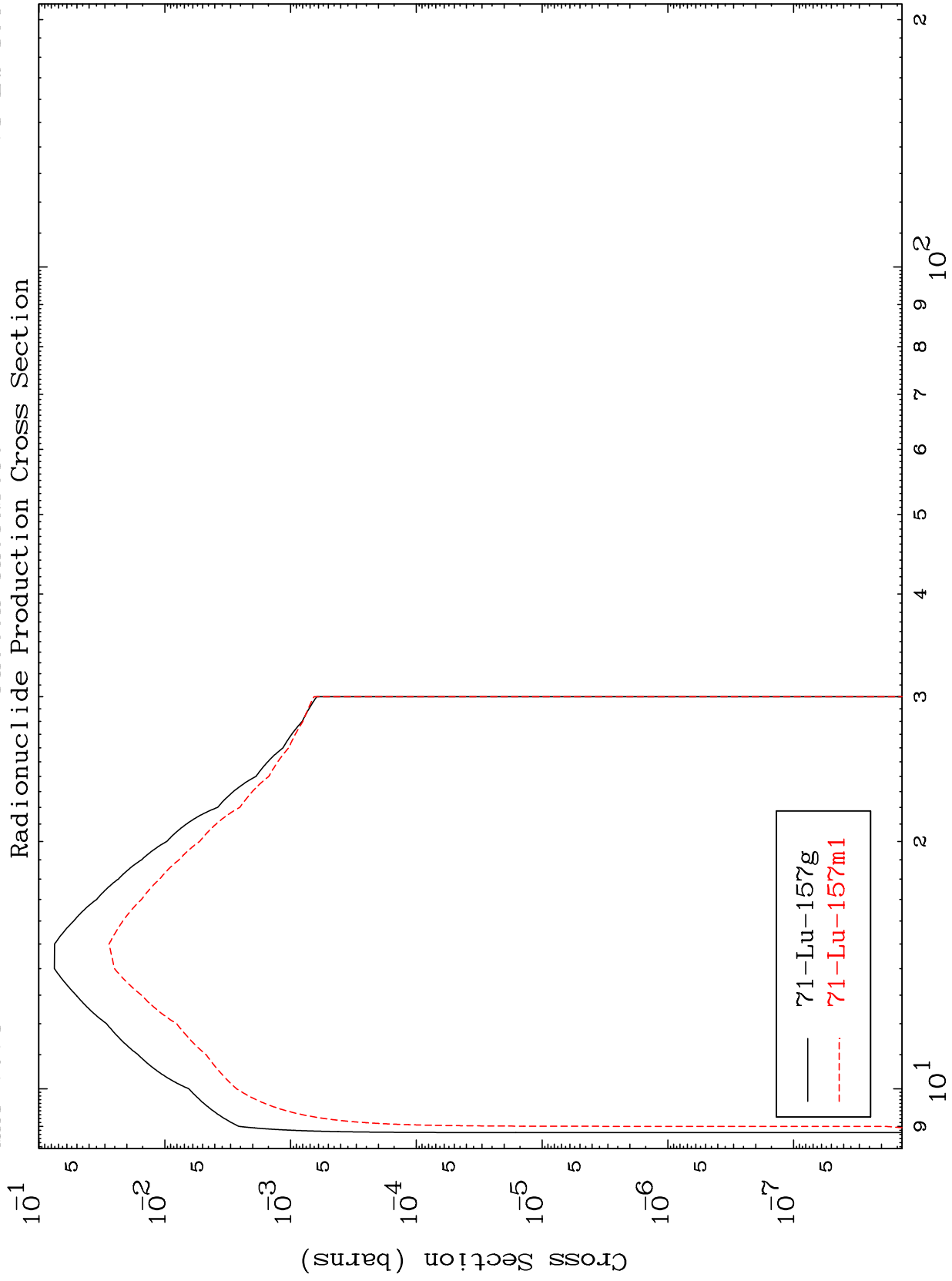
Incident Energy (MeV)

⁷¹Lu-158

MAT 7074

Photon Inelastic
Radionuclide Production Cross Section

71-Lu-158



11

Incident Energy (MeV)

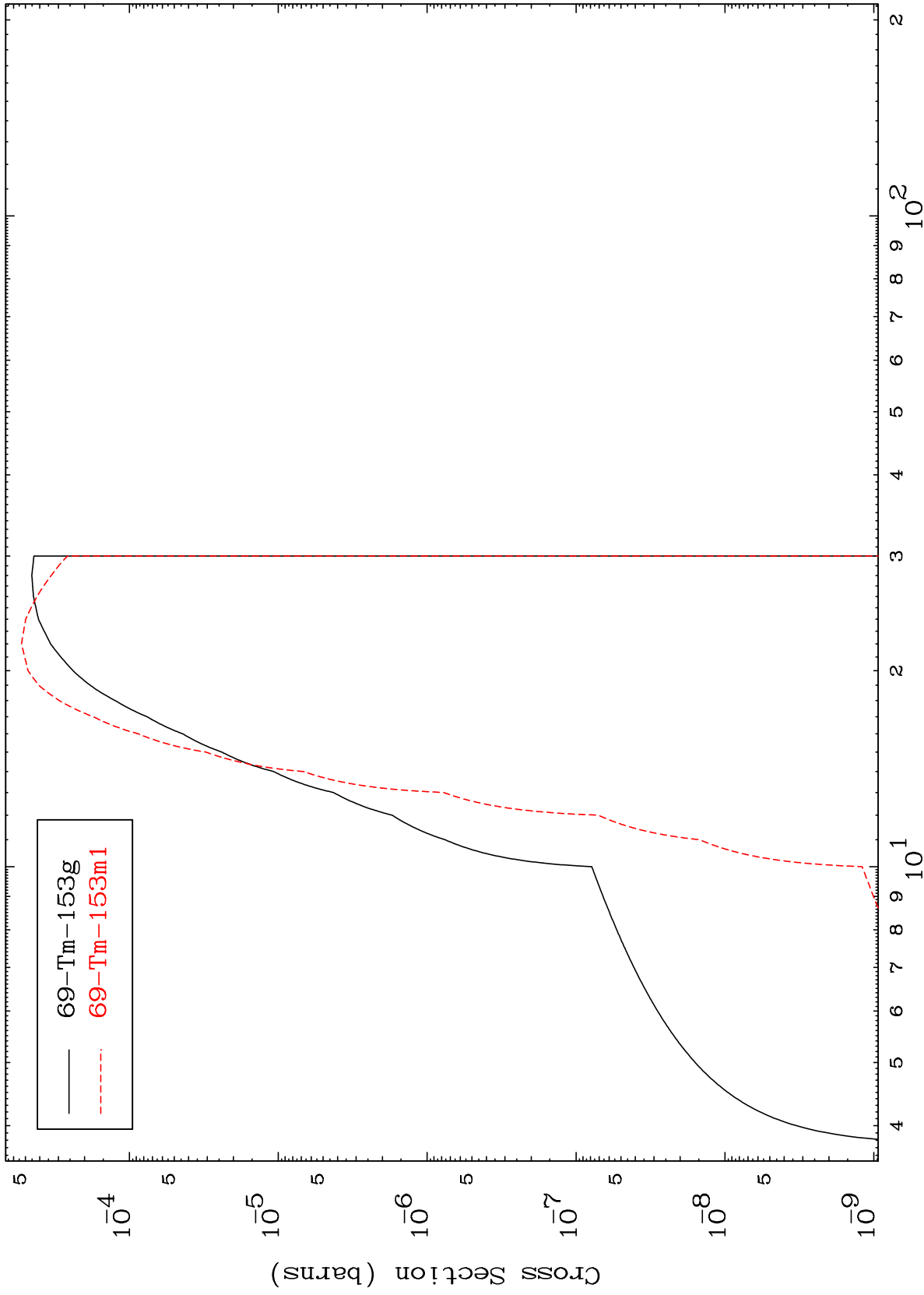
71-Lu-158

MAT 7074

(γ, n') α

71-Lu-158

Radionuclide Production Cross Section



12

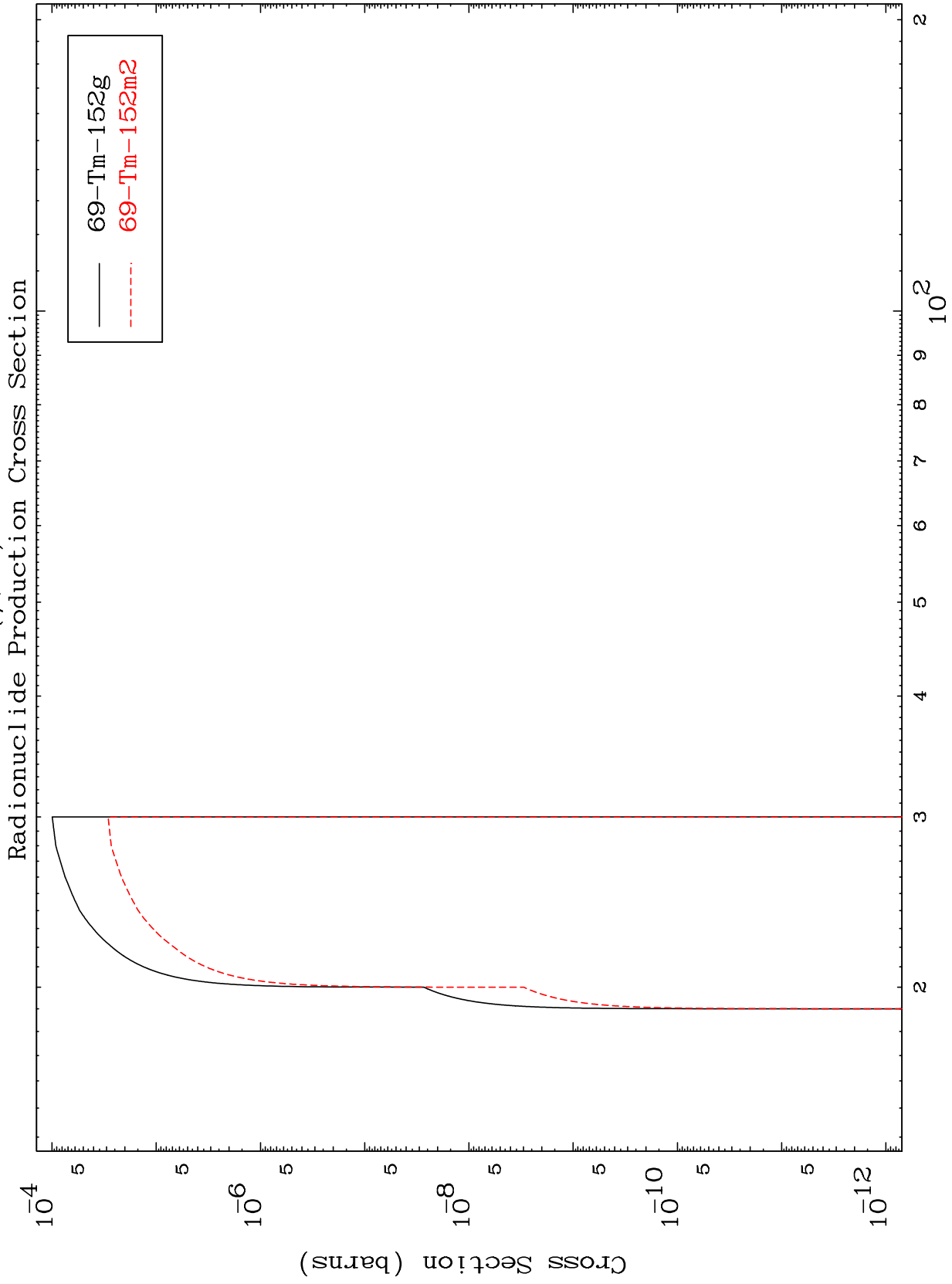
Incident Energy (MeV)

71-Lu-158

MAT 7074

$(\gamma, 2n) \alpha$

71-Lu-158



13

Incident Energy (MeV)

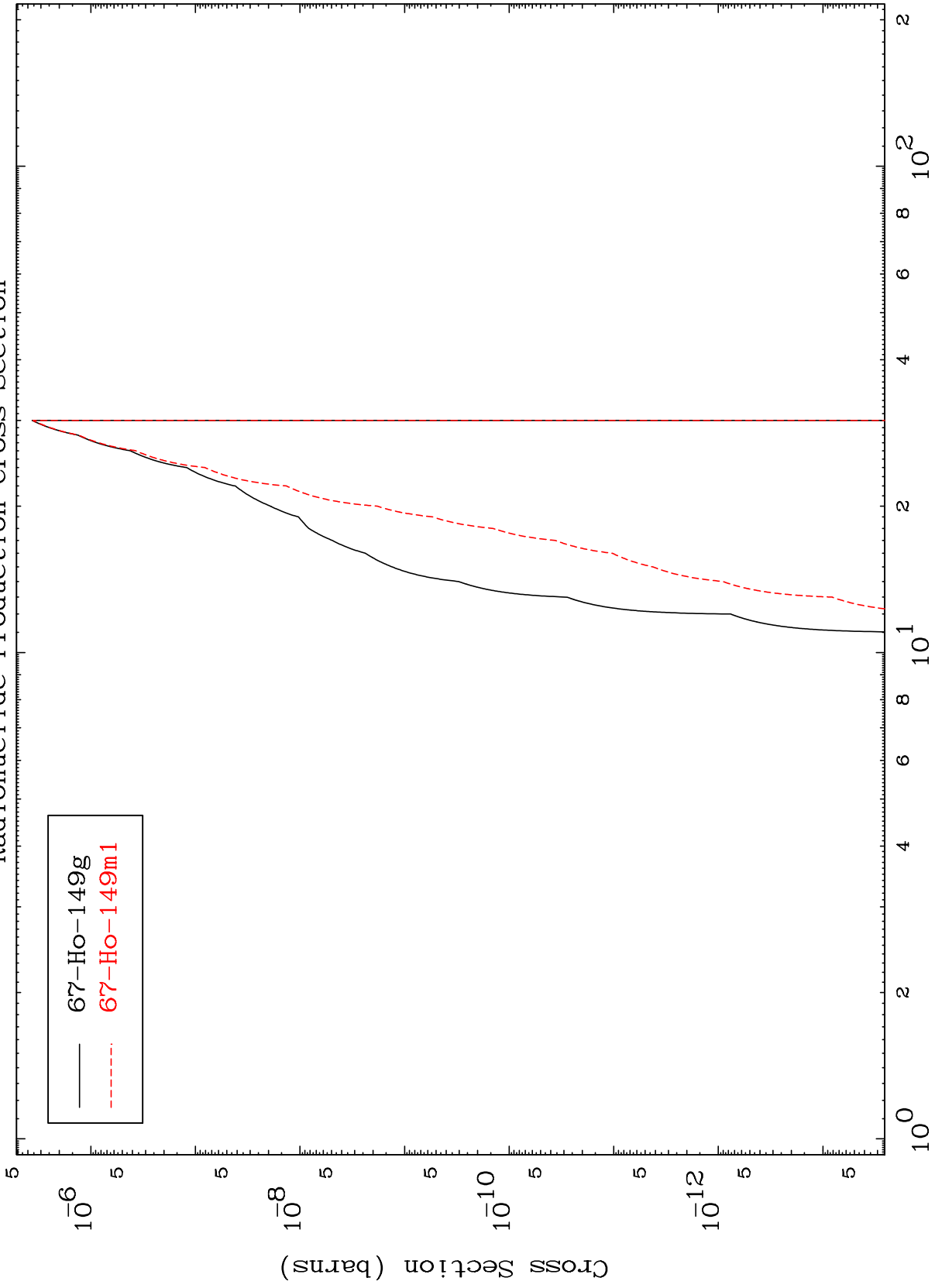
71-Lu-158

MAT 7074

(γ, n') 2α

⁷¹Lu-158

Radionuclide Production Cross Section



14

Incident Energy (MeV)

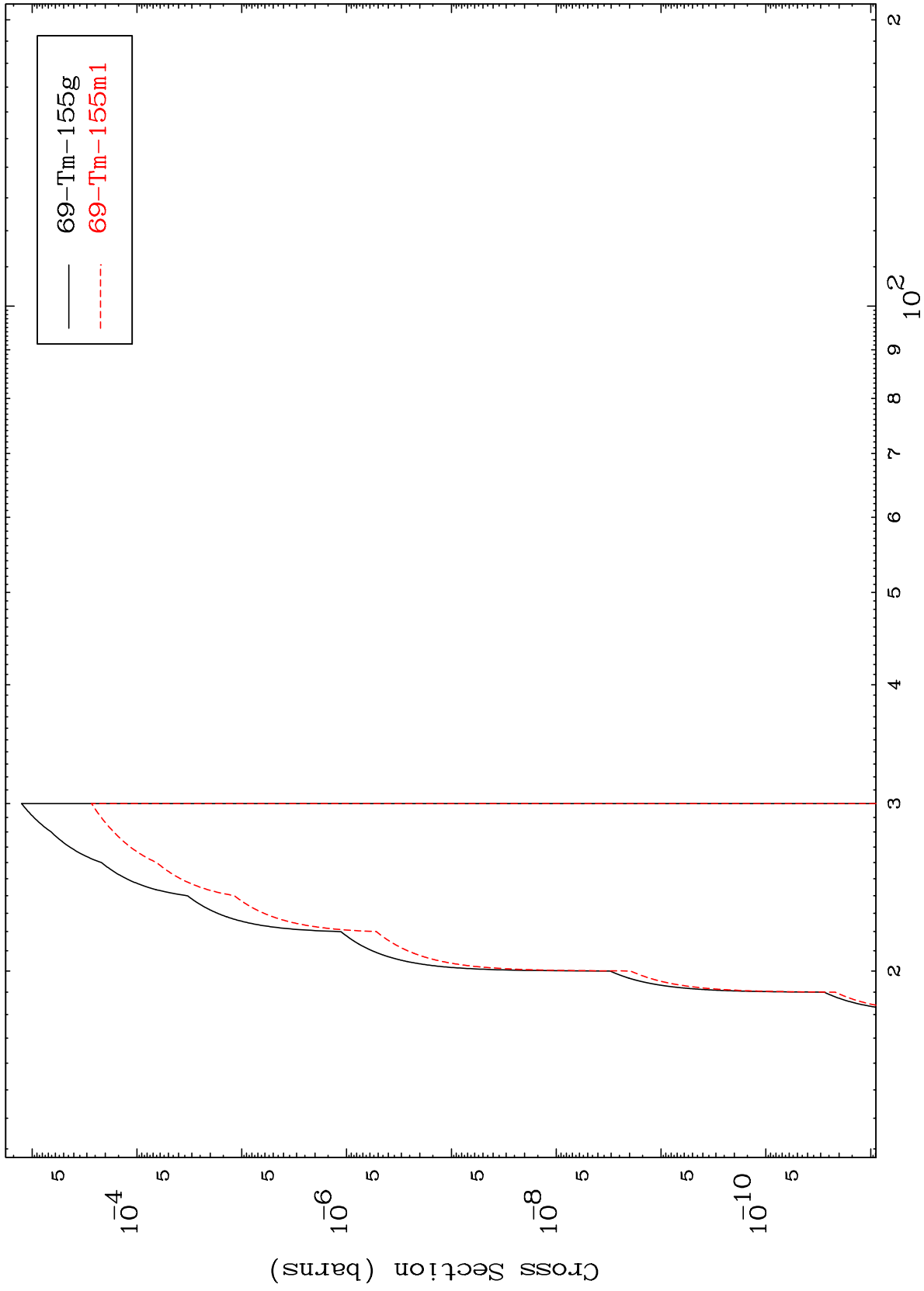
⁷¹Lu-158

MAT 7074

($\gamma, 2n$) p

71-Lu-158

Radionuclide Production Cross Section



15

Incident Energy (MeV)

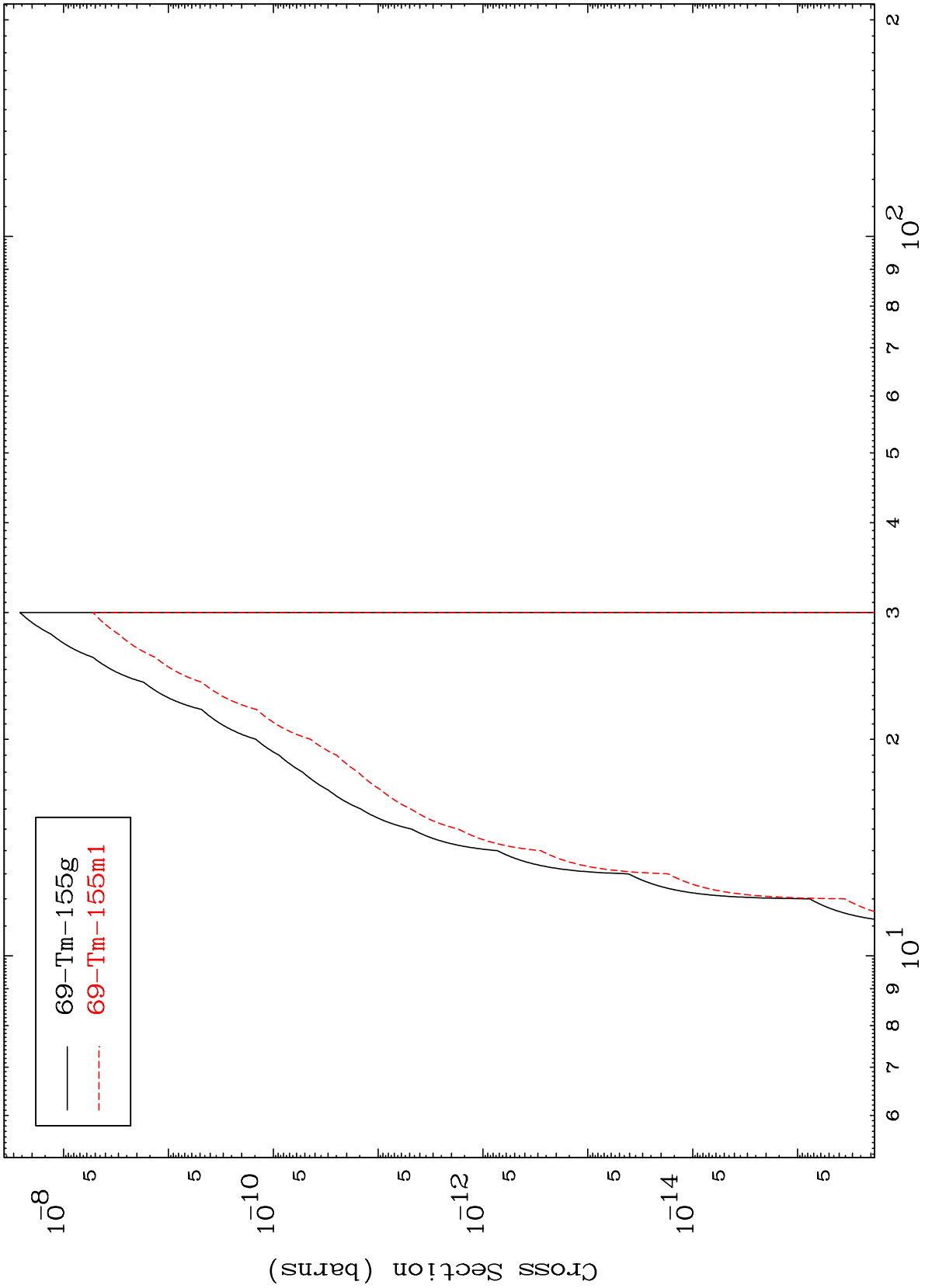
71-Lu-158

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

71-Lu-158

Radionuclide Production Cross Section



16

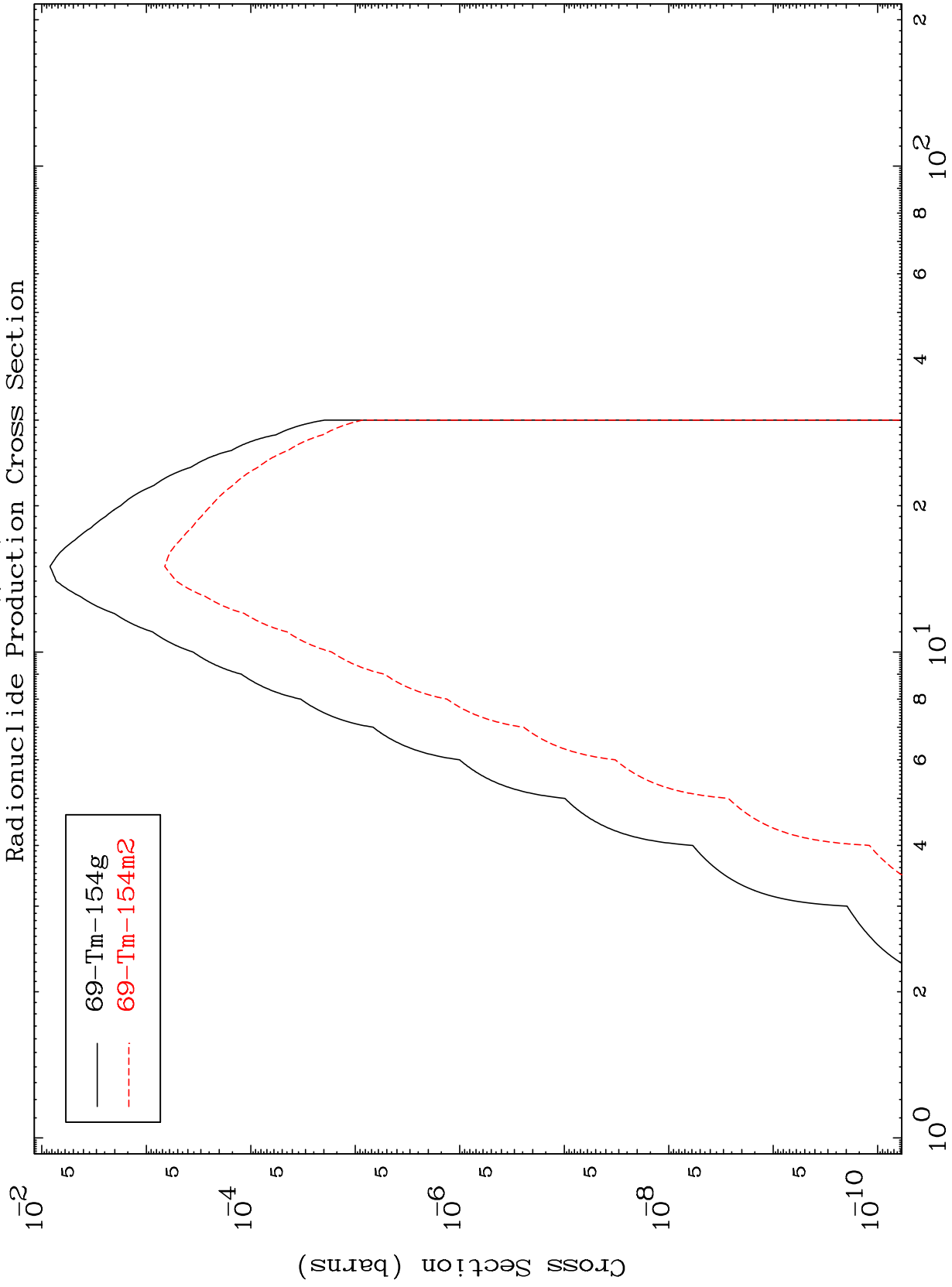
Incident Energy (MeV)

71-Lu-158

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Radionuclide Production Cross Section
(γ, α)

⁷¹Lu-158



17

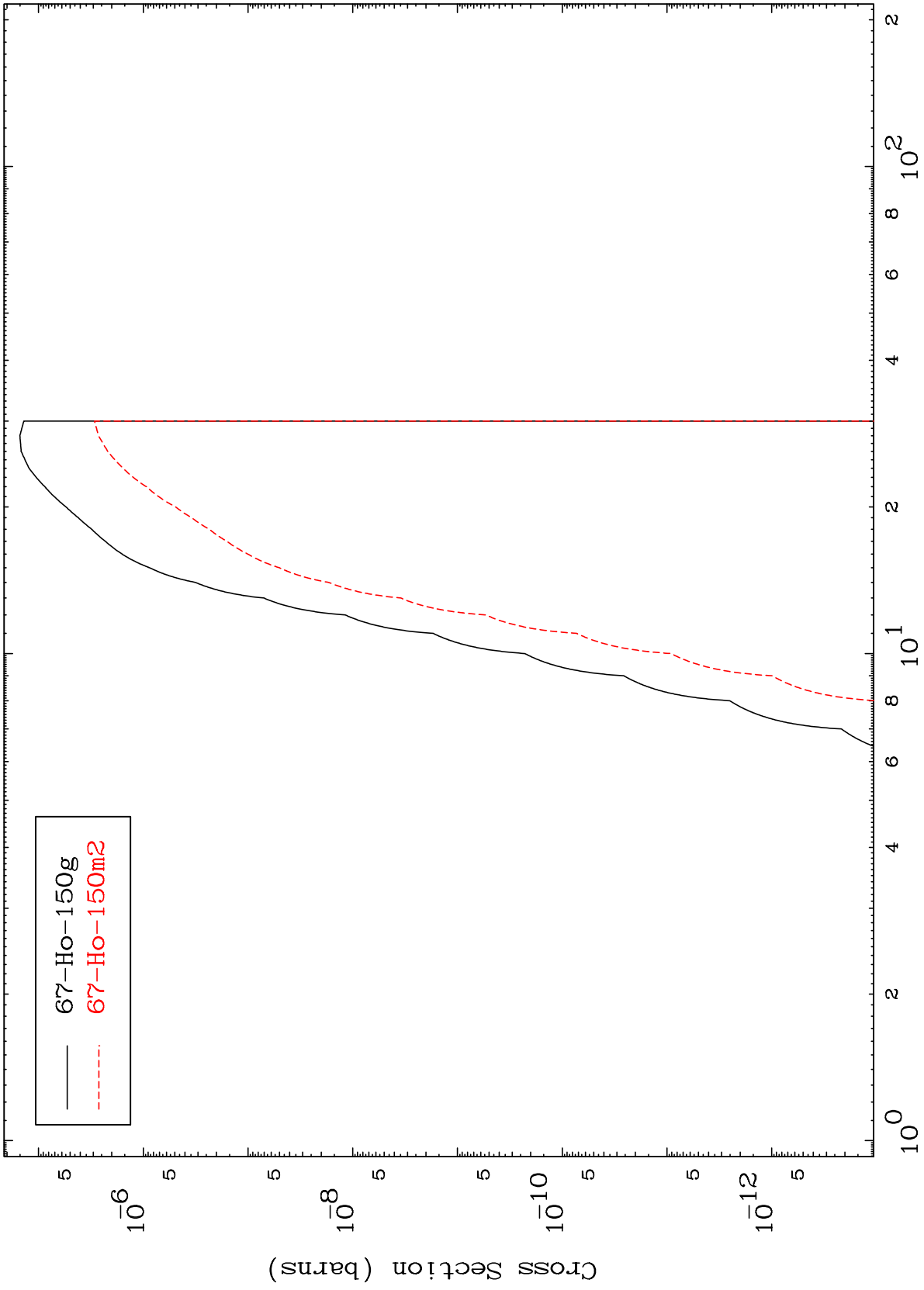
Incident Energy (MeV)

⁷¹Lu-158

MAT 7074

71-Lu-158

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



71-Lu-158

Incident Energy (MeV)

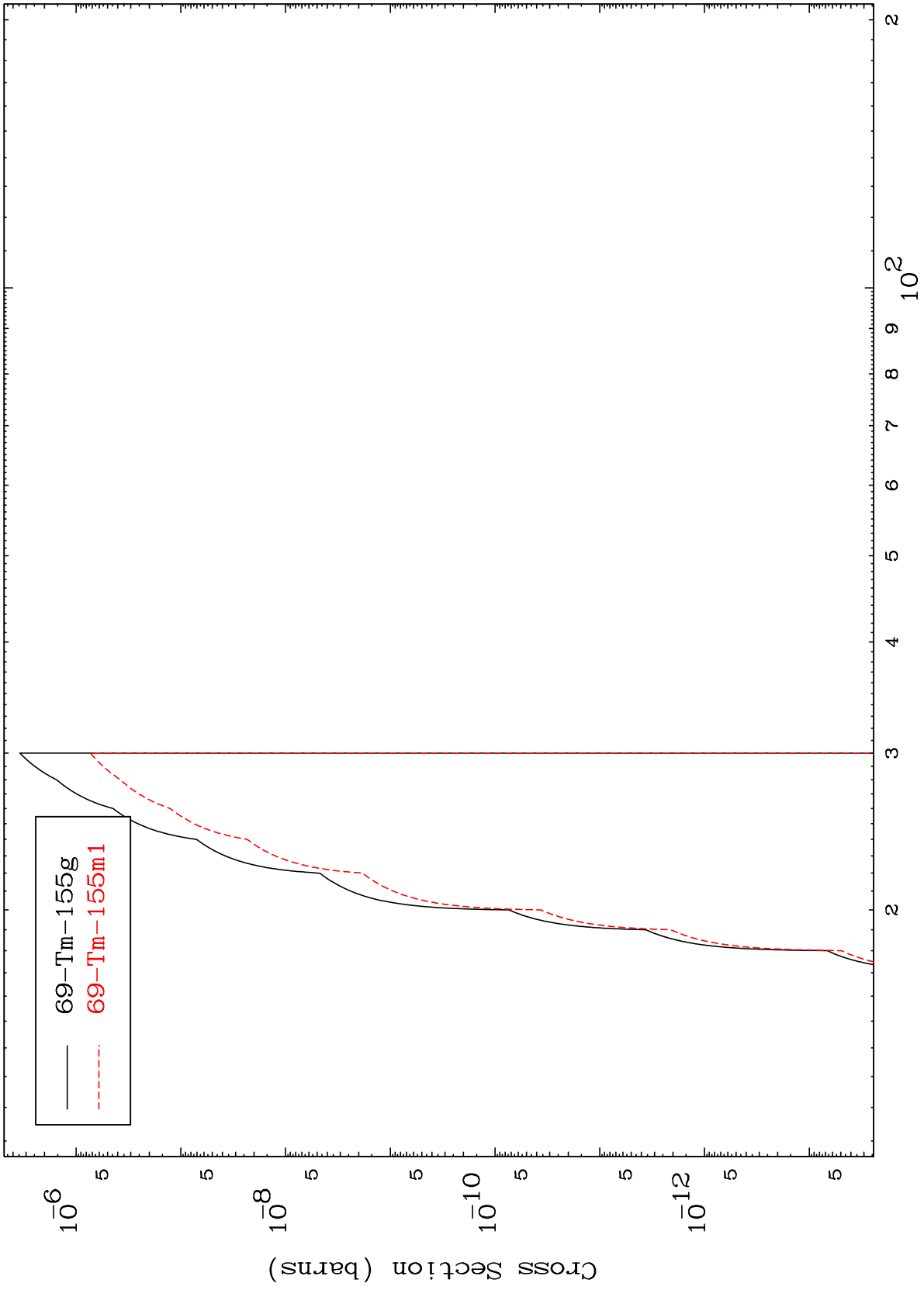
18

MAT 7074

(γ, p) d

71-Lu-158

Radionuclide Production Cross Section



19

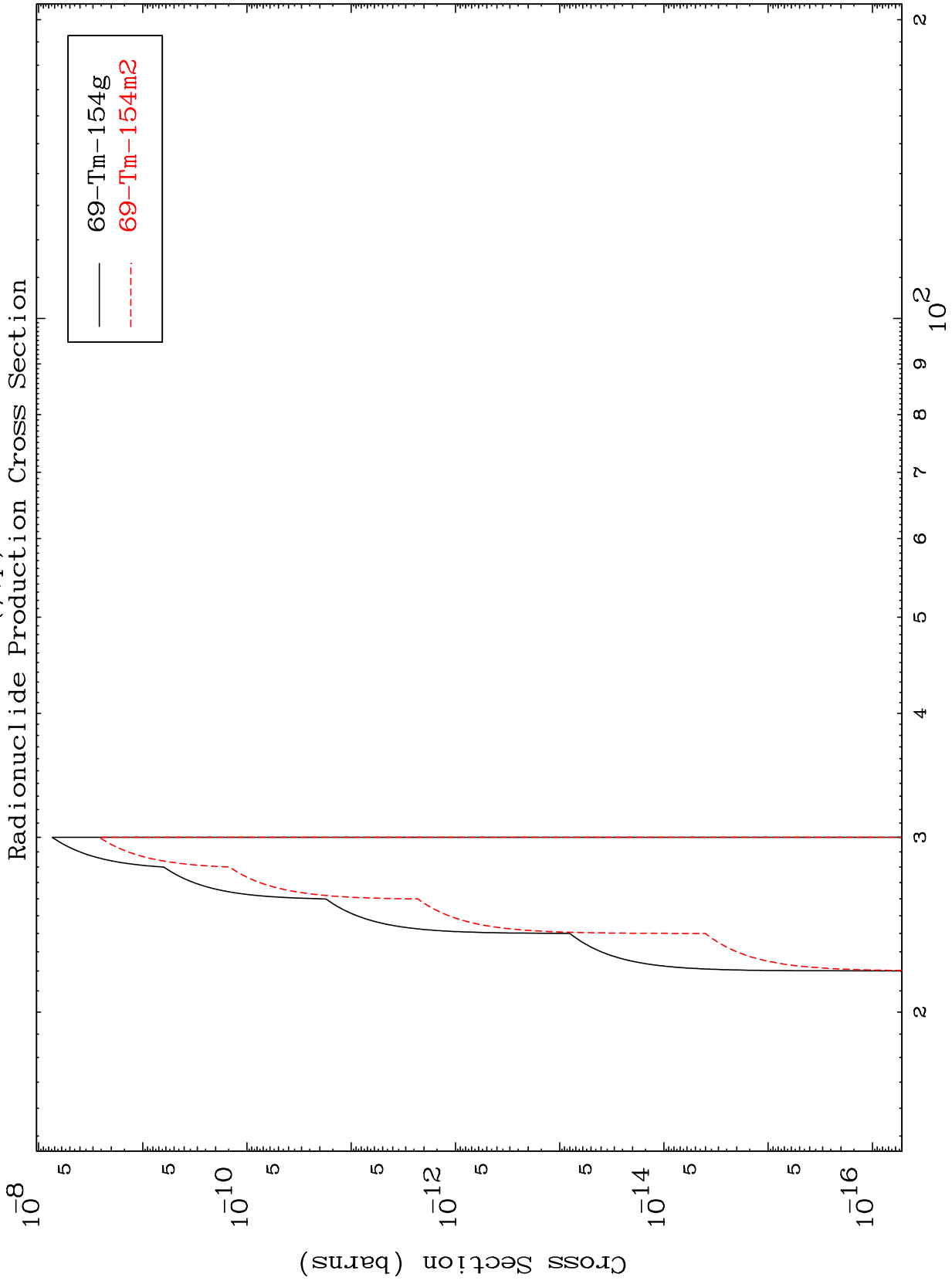
Incident Energy (MeV)

71-Lu-158

MAT 7074

(γ, p) t

71-Lu-158



20

Incident Energy (MeV)

71-Lu-158