

Program EVALPLOT
(Version 2018-1)

by

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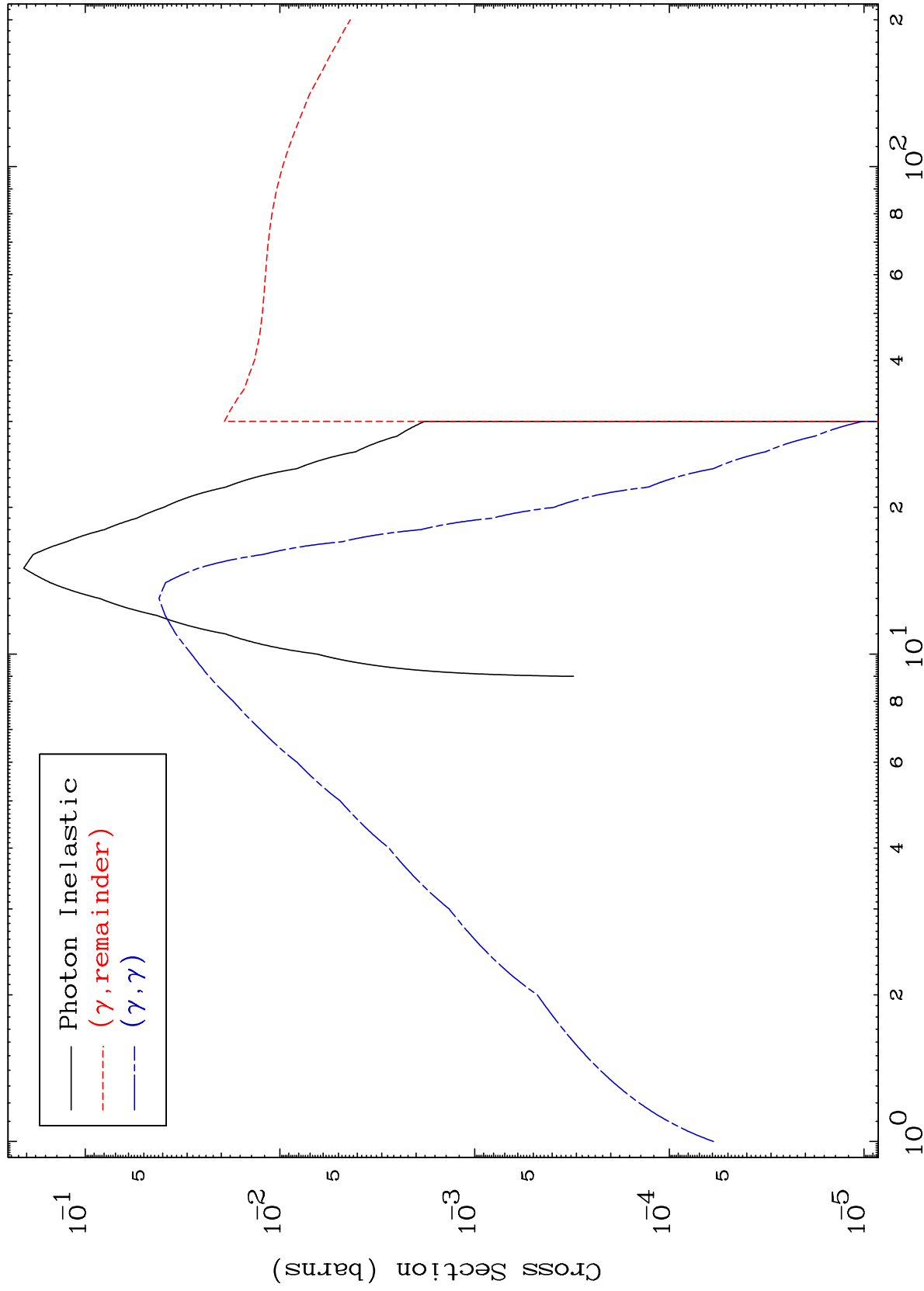
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6122

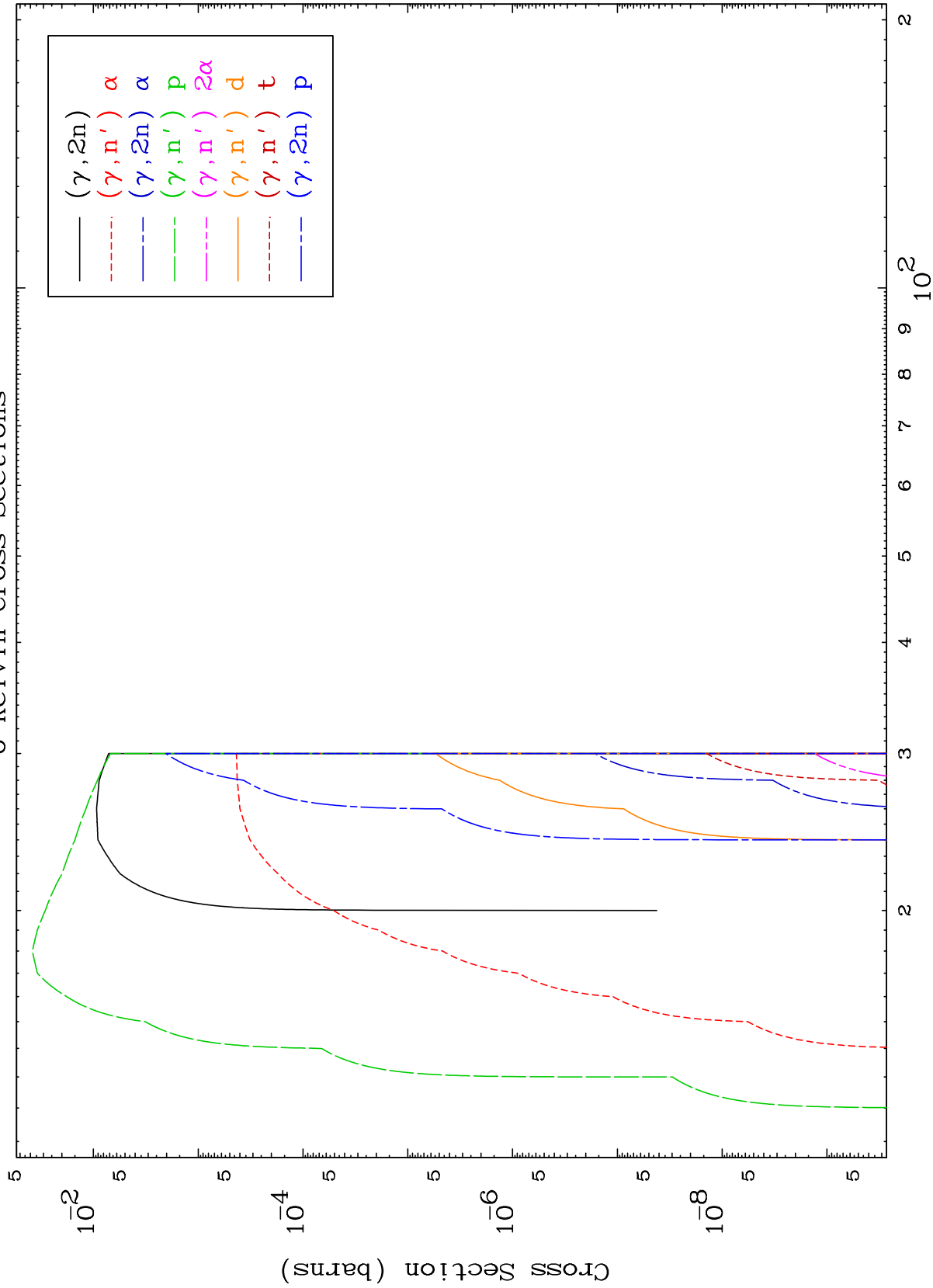
Photon Major
0 Kelvin Cross Sections

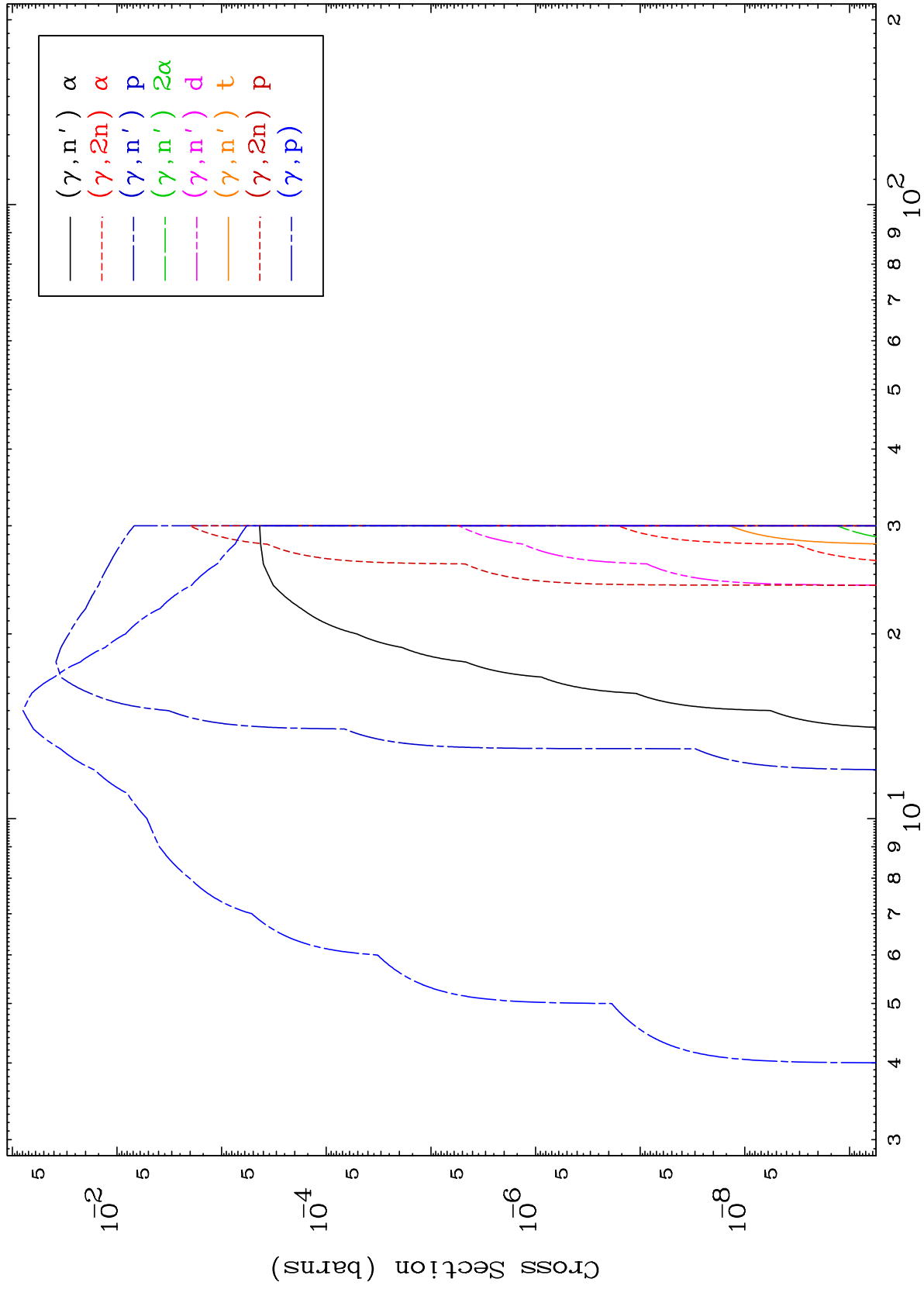
61-Pm-138

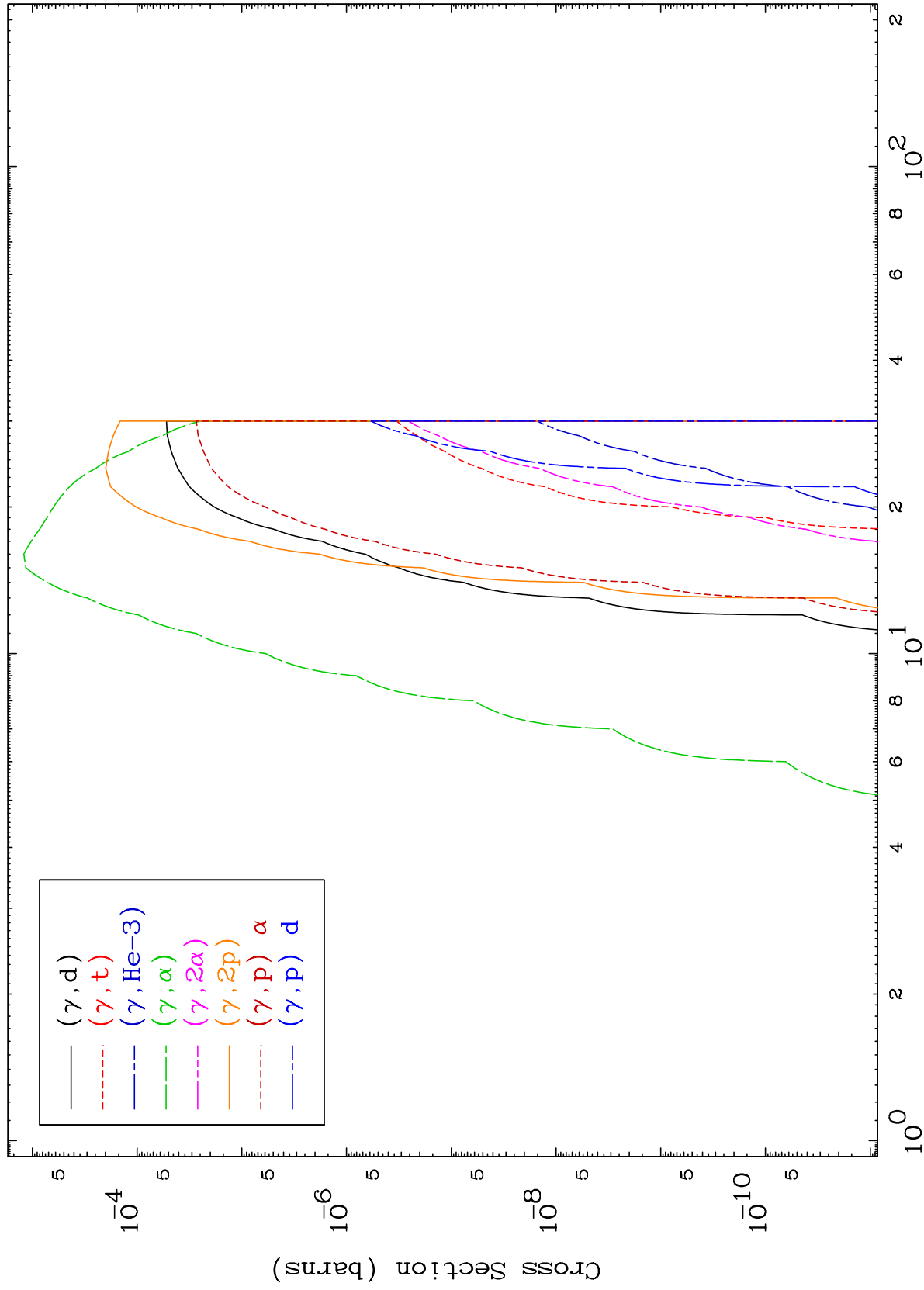


Incident Energy (MeV)

61-Pm-138





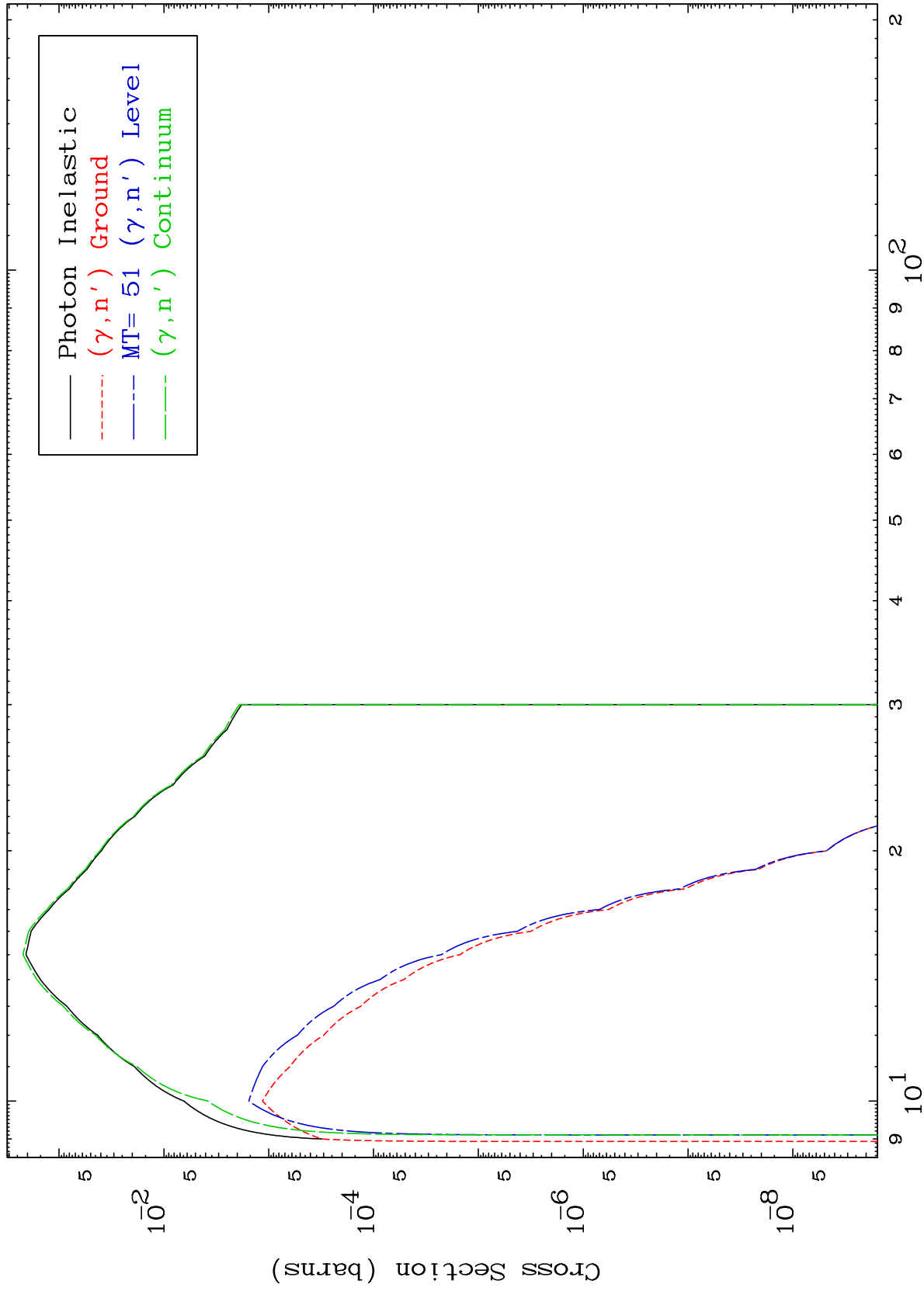


MAT 6122

(γ, n') Level

61-Pm-138

0 Kelvin Cross Sections



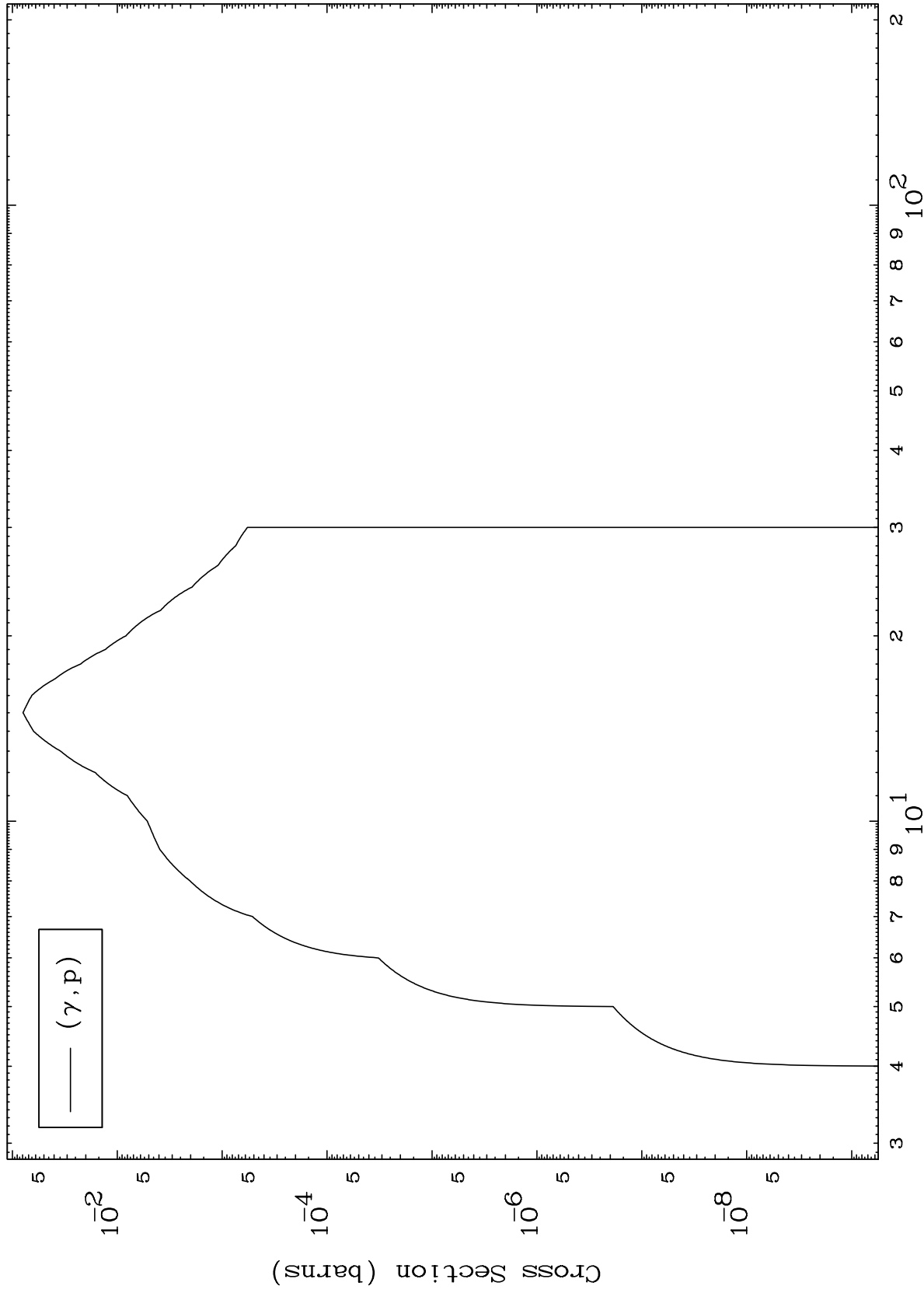
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

(γ ,p) Levels
0 Kelvin Cross Sections



6

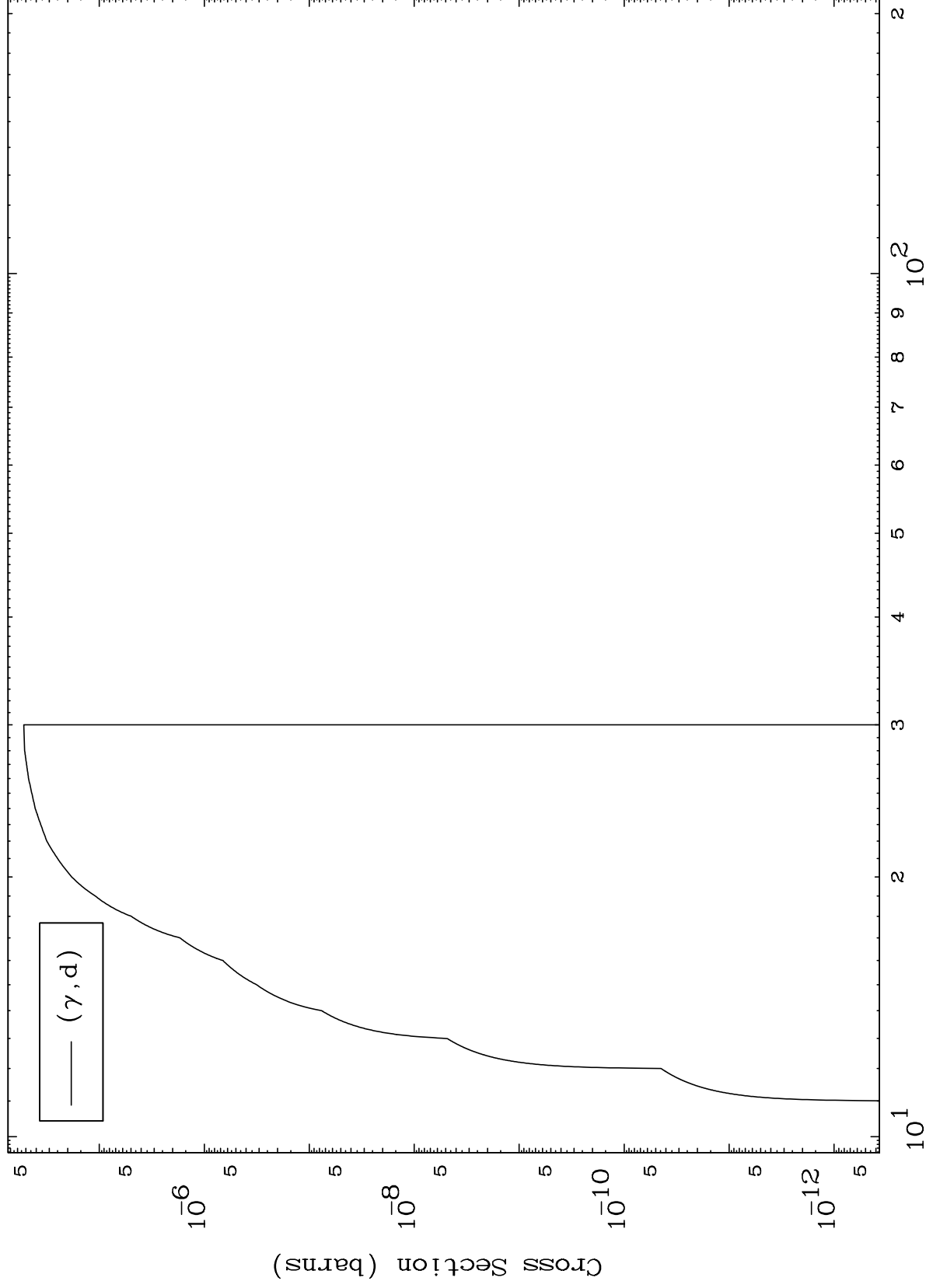
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

(γ ,d) Levels
0 Kelvin Cross Sections



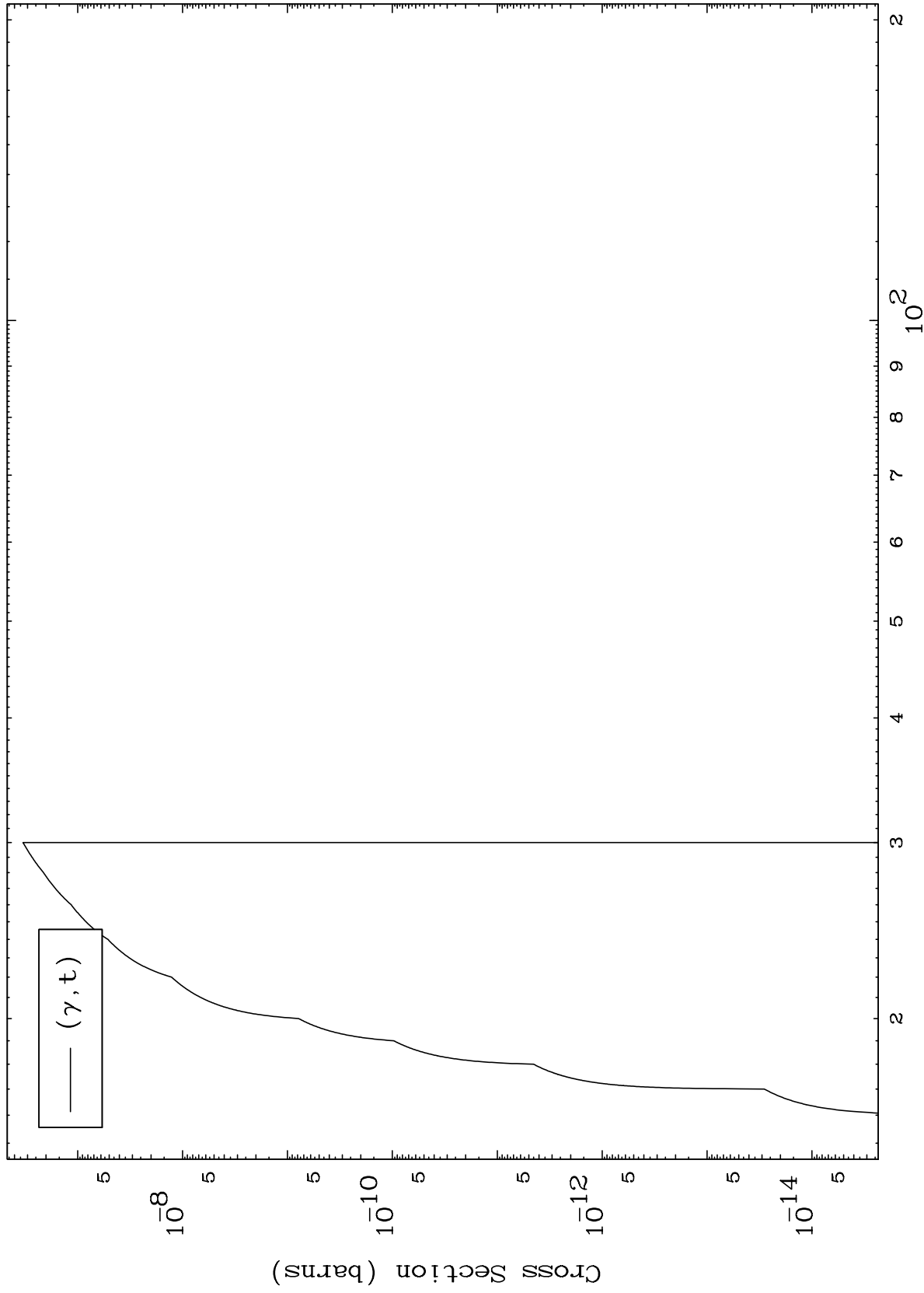
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

(γ, t) Levels
0 Kelvin Cross Sections

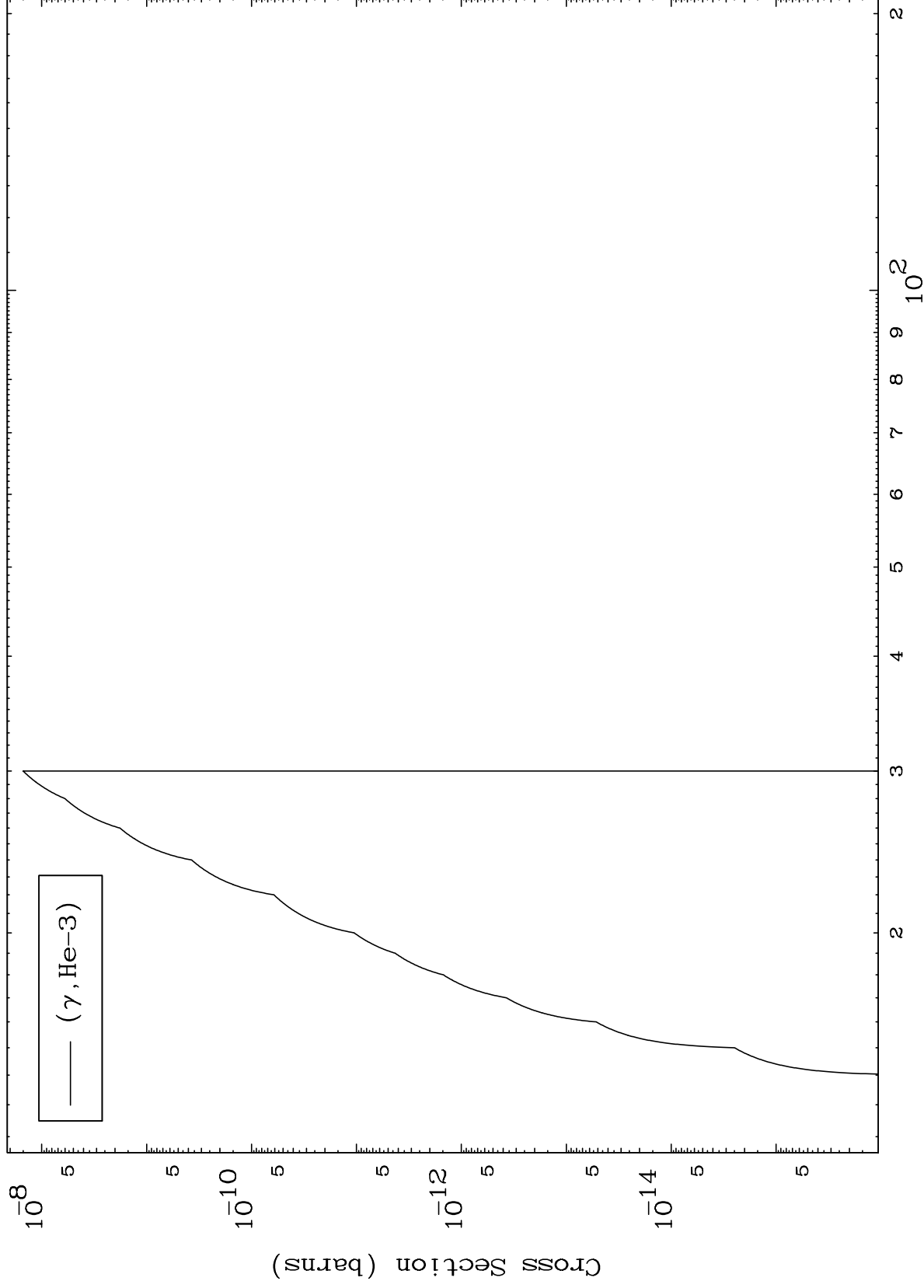


8

Incident Energy (MeV)

61-Pm-138

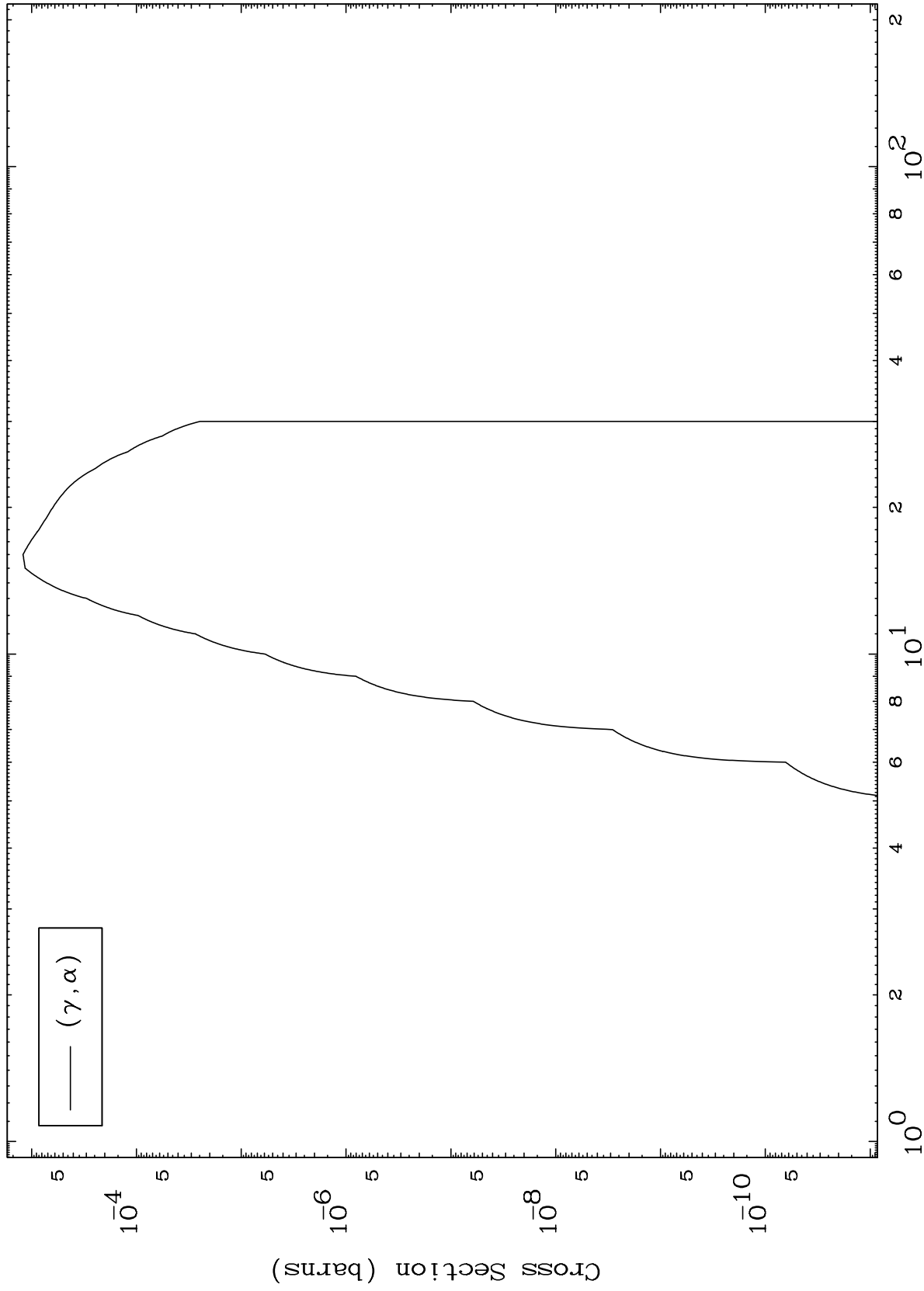
($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 6122

61-Pm-138

(γ, α) Levels
0 Kelvin Cross Sections



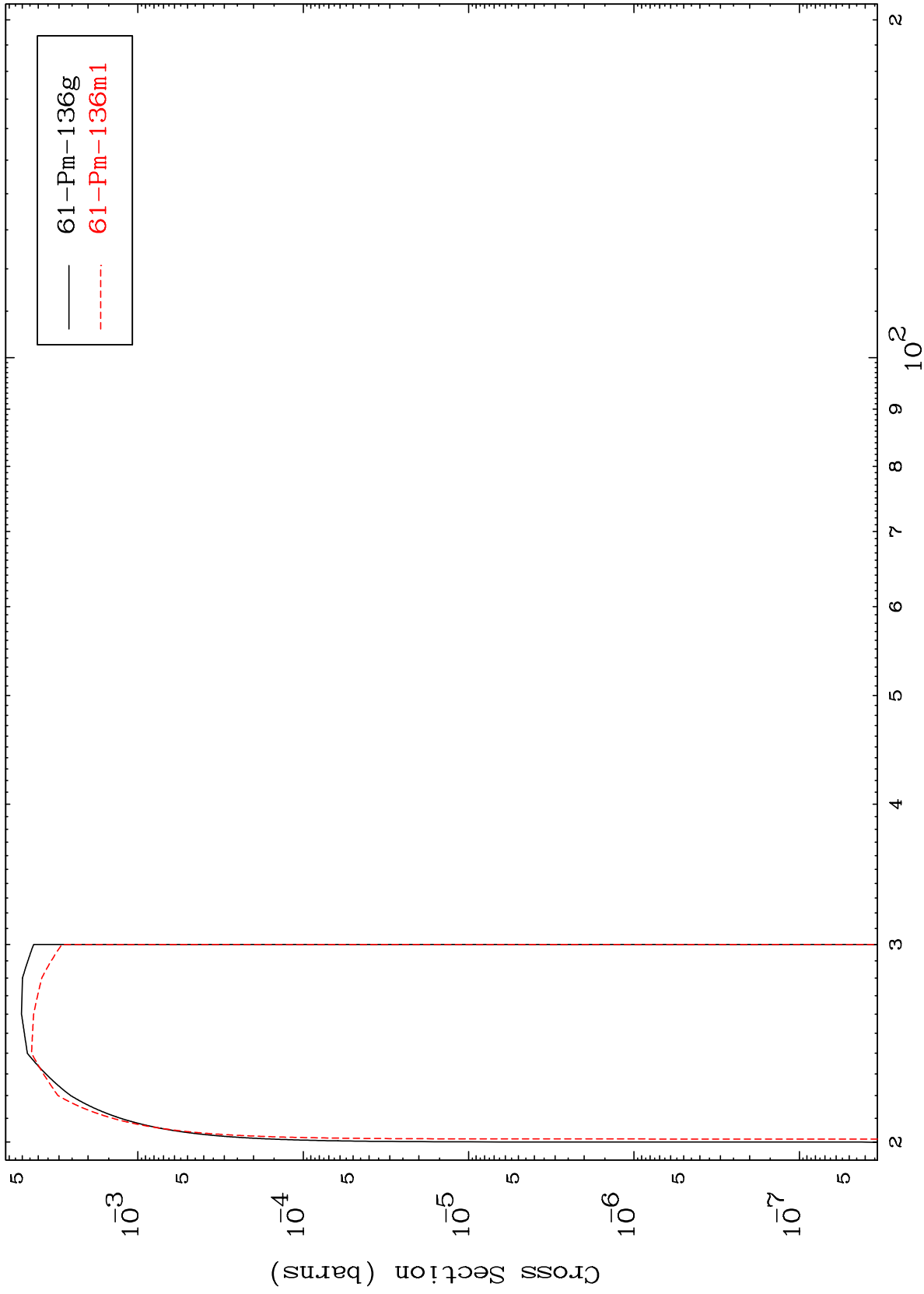
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

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



11

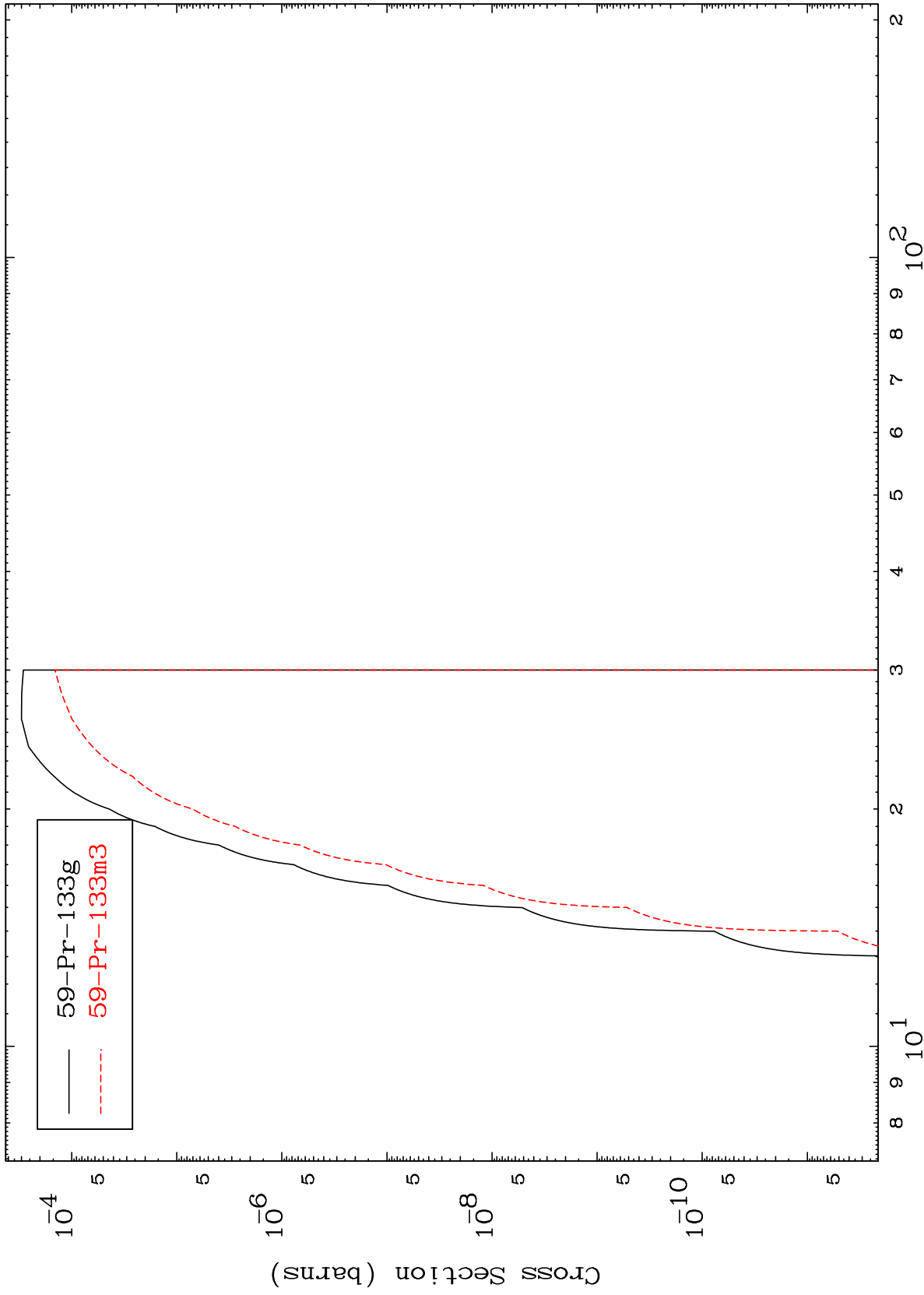
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

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



12

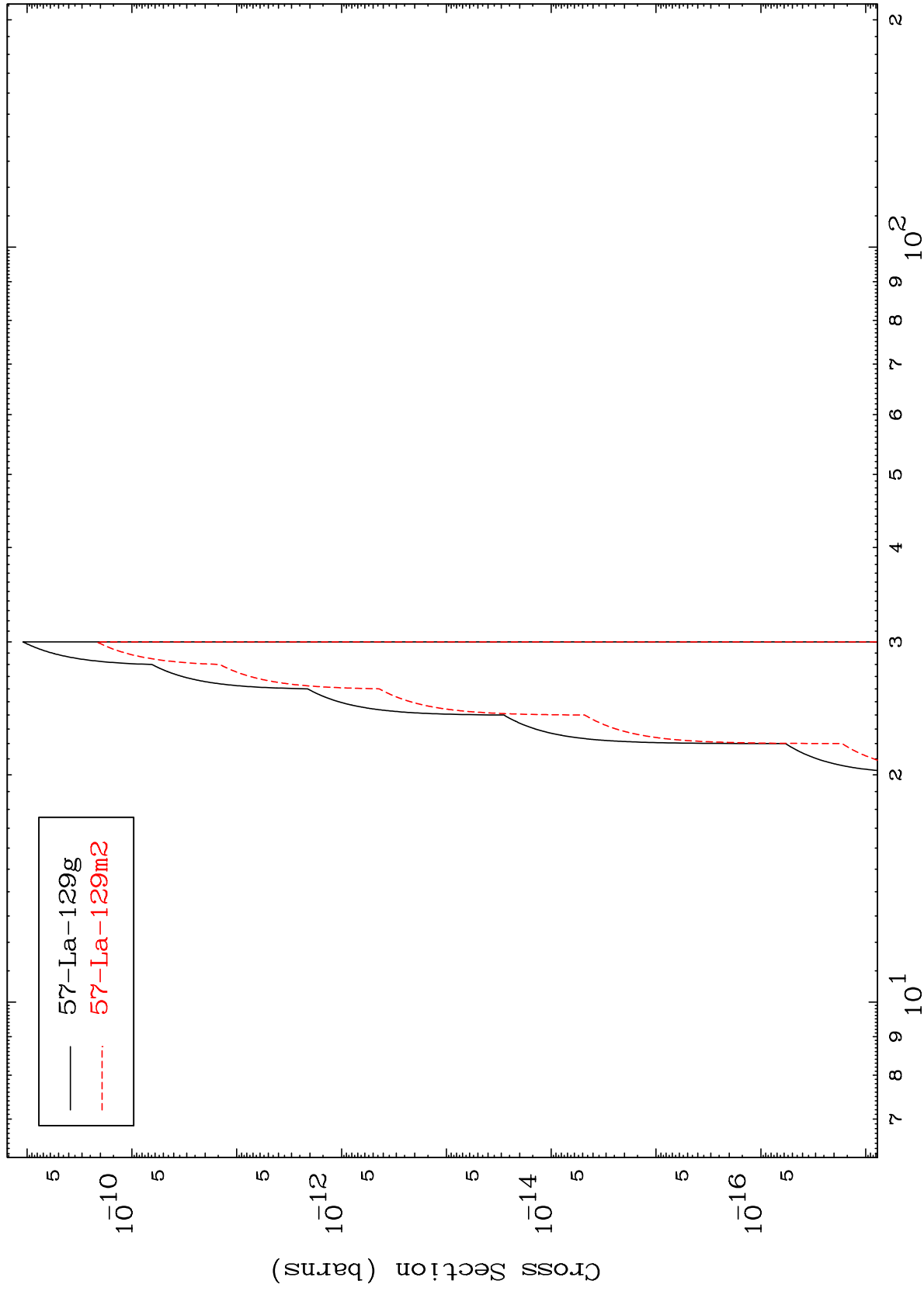
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

(γ, n') 2α
Radionuclide Production Cross Section



13

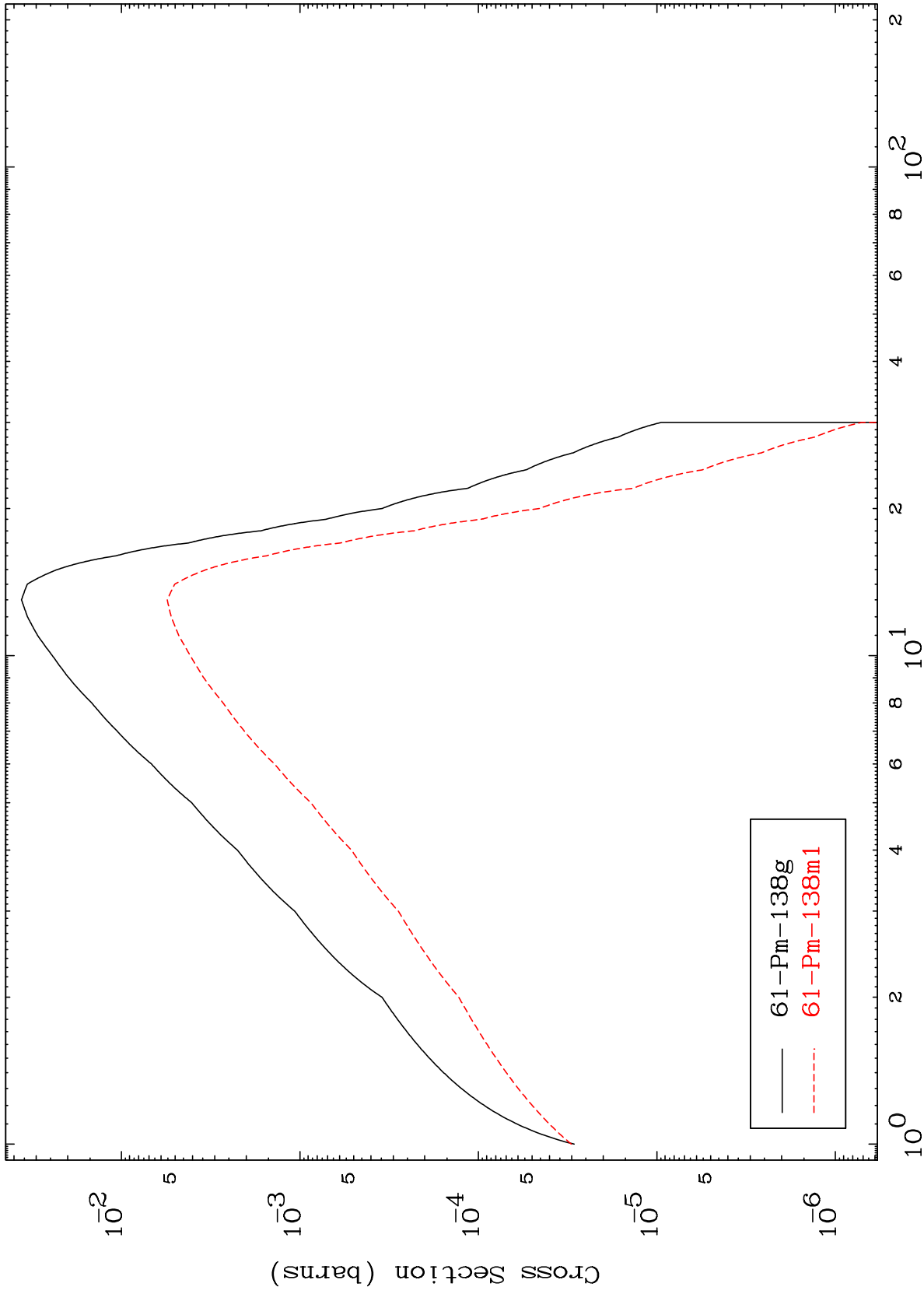
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

Radionuclide Production Cross Section
(γ, γ)



61-Pm-138

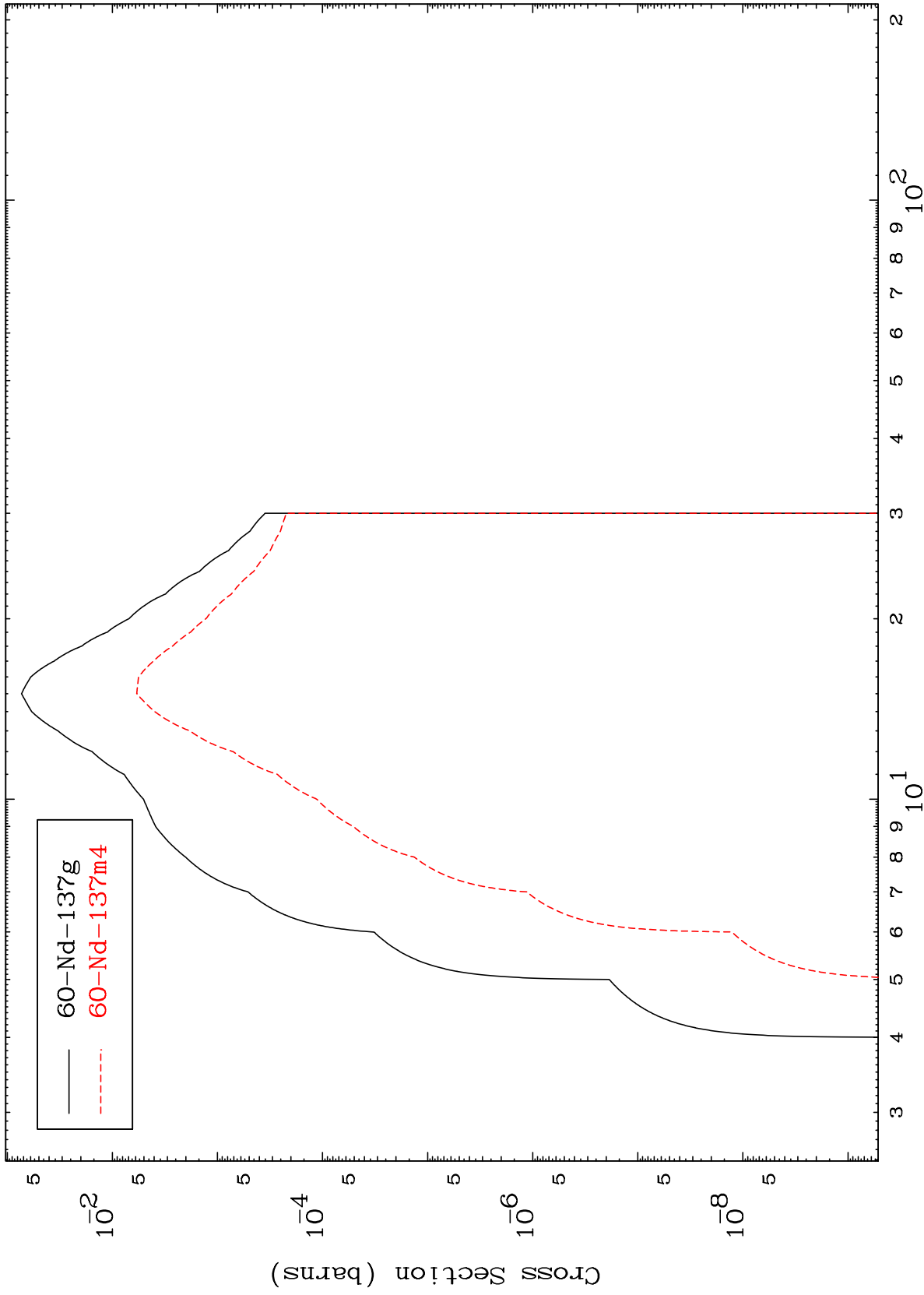
Incident Energy (MeV)

14

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61-Pm-138

Radionuclide Production Cross Section
(γ, p)



15

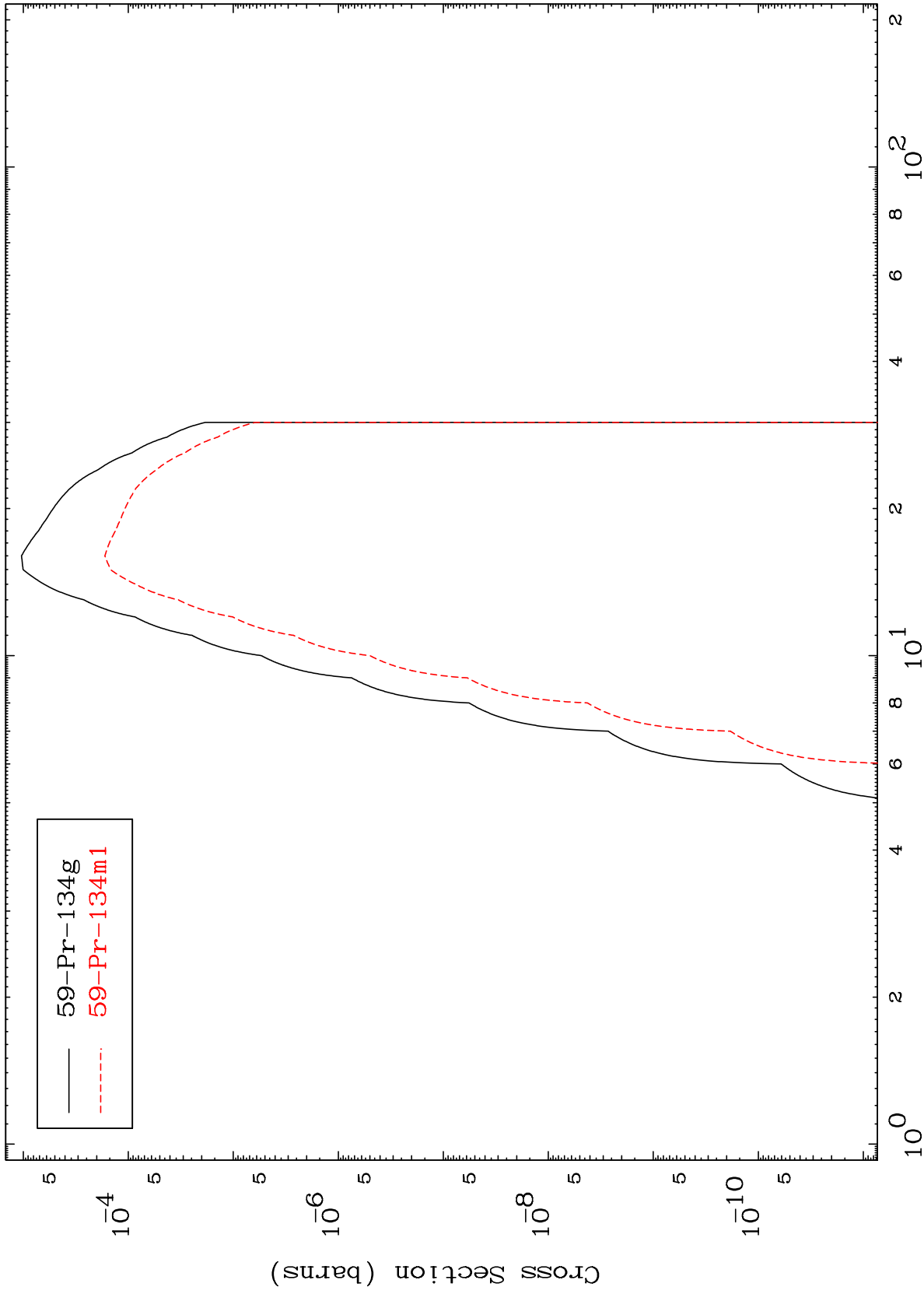
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

(γ, α)
Radionuclide Production Cross Section



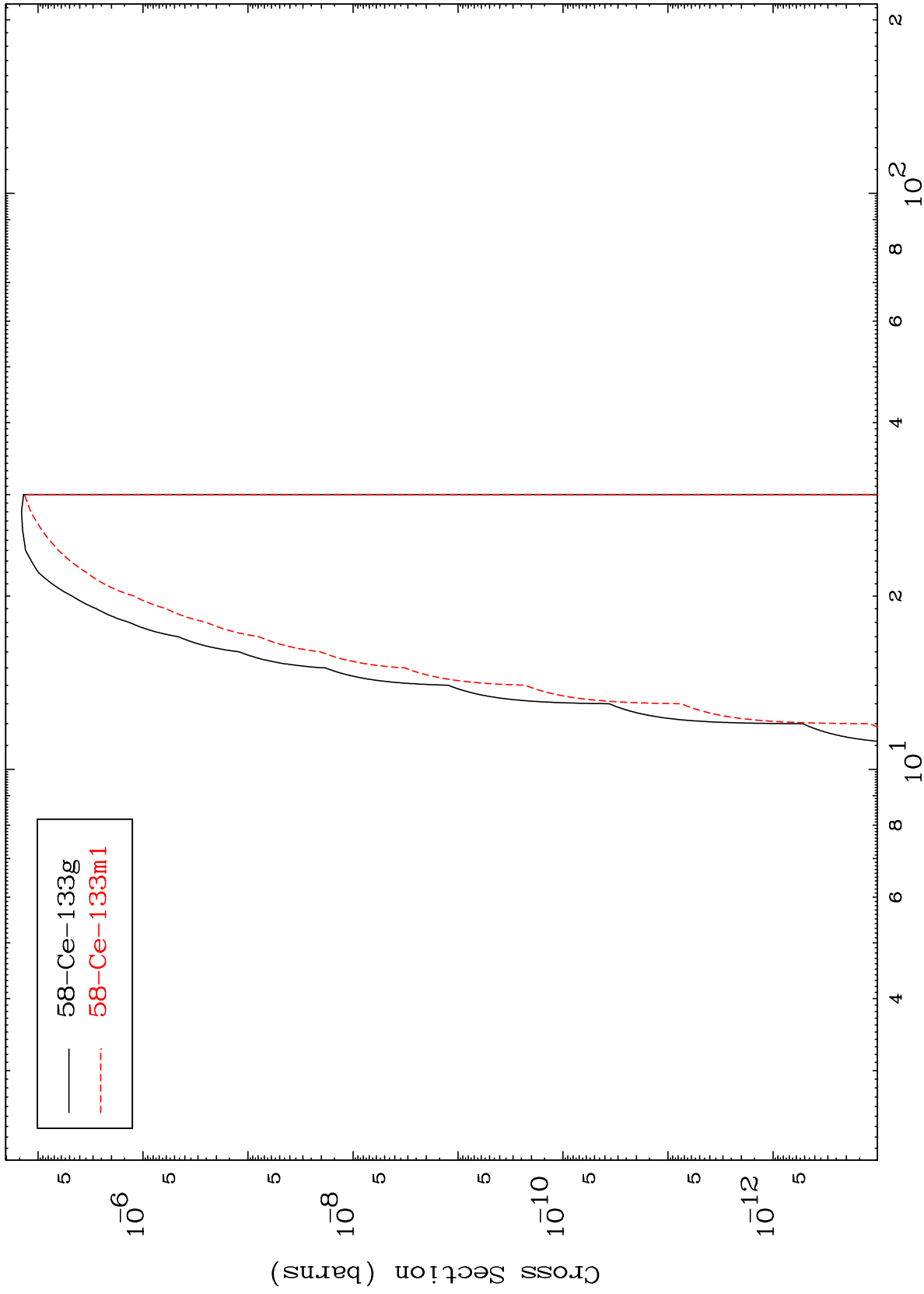
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

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



17

Incident Energy (MeV)

61-Pm-138