

Program EVALPLOT
(Version 2018-1)

by

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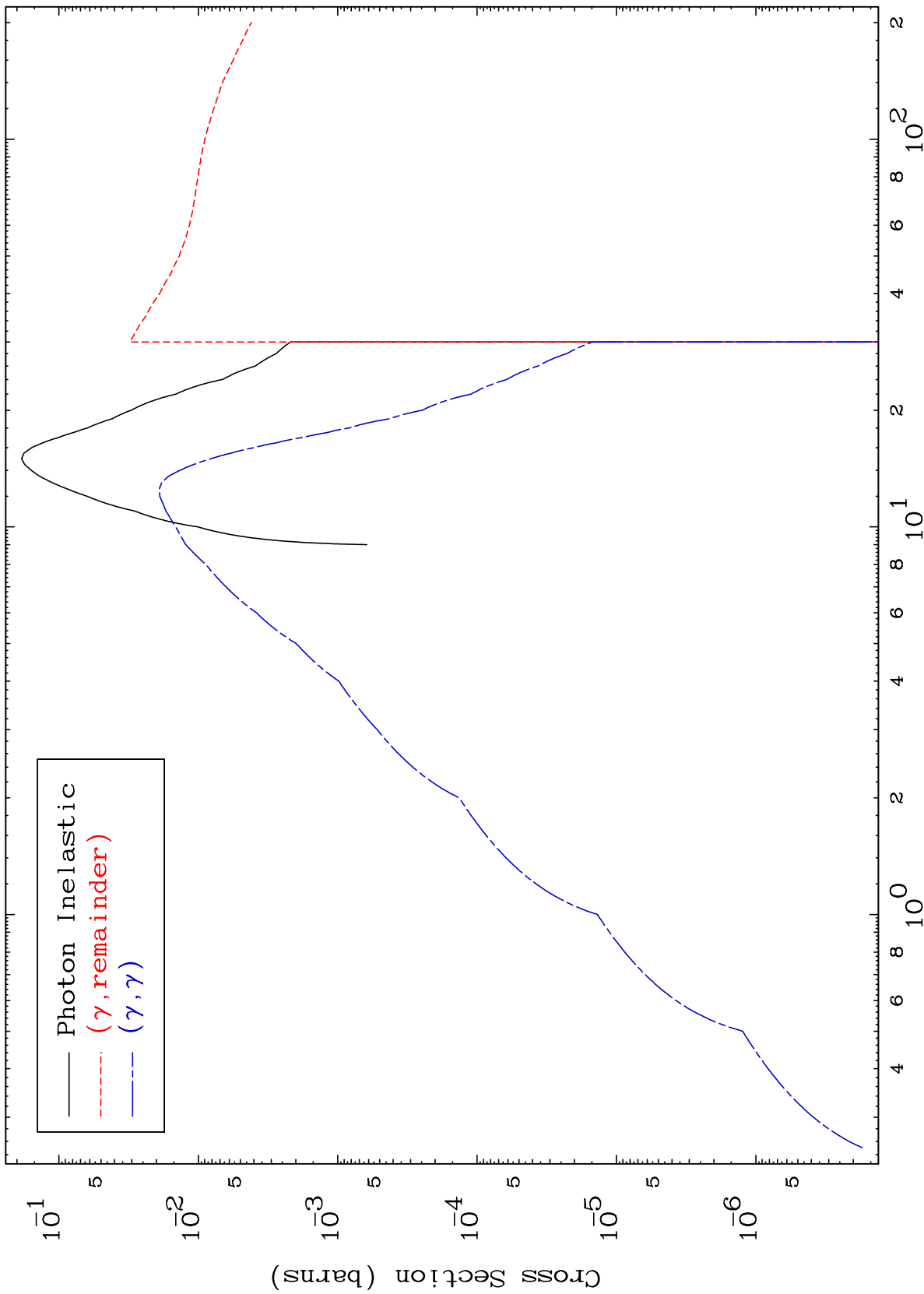
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6122

Photon Major
0 Kelvin Cross Sections

61-Pm-138

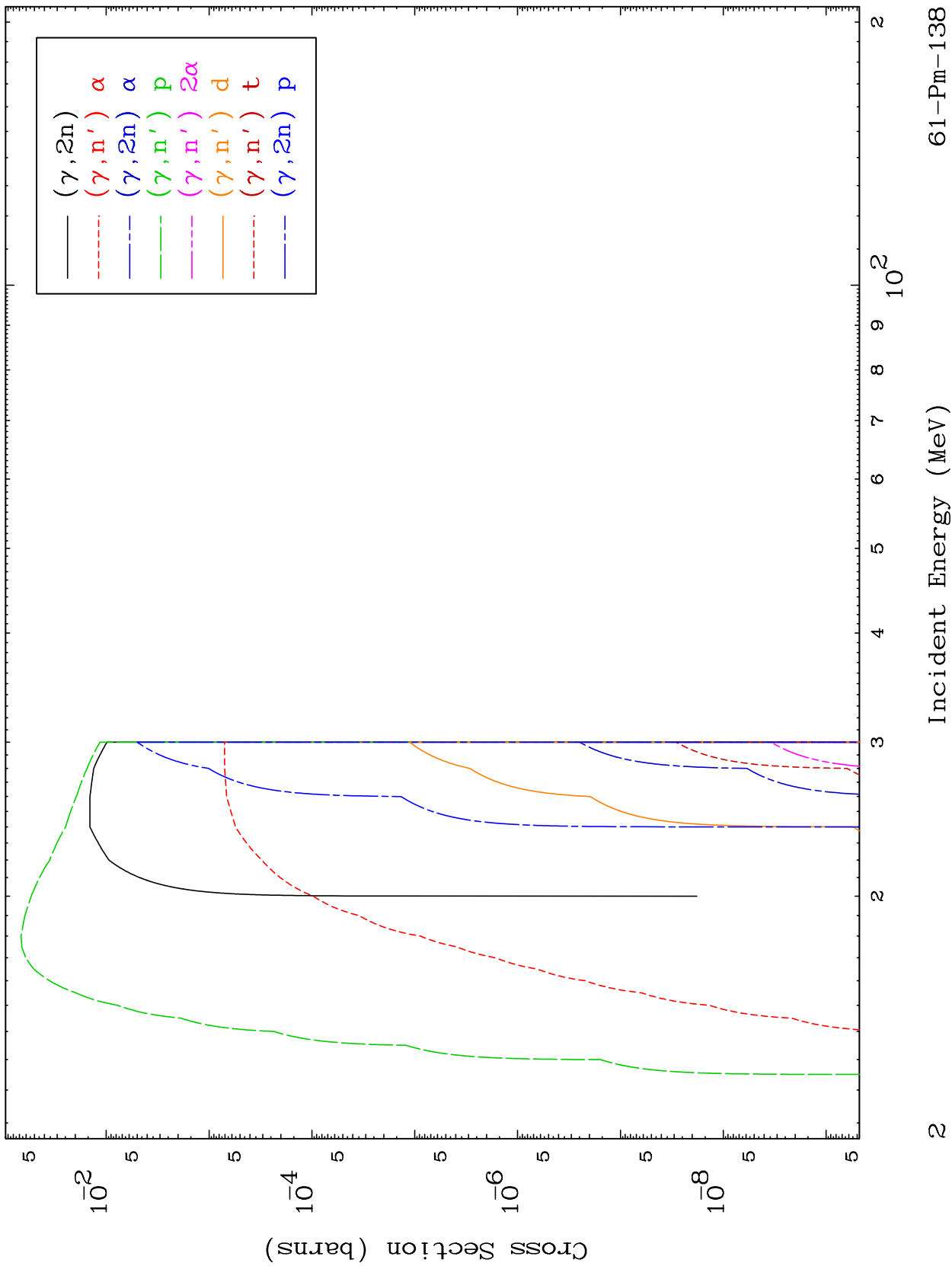


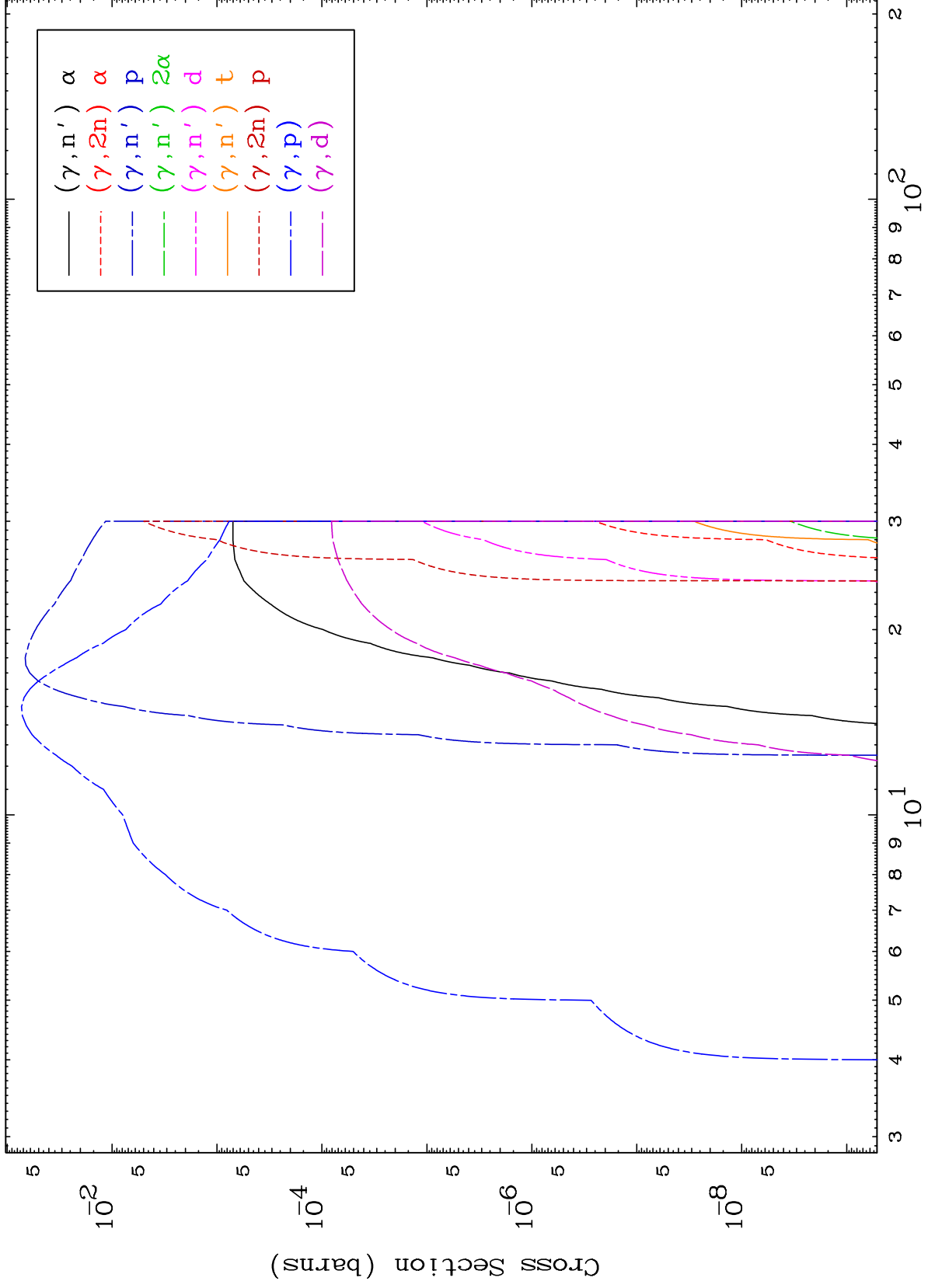
— Photon Inelastic
- - - (γ , remainder)
- . - (γ , γ)

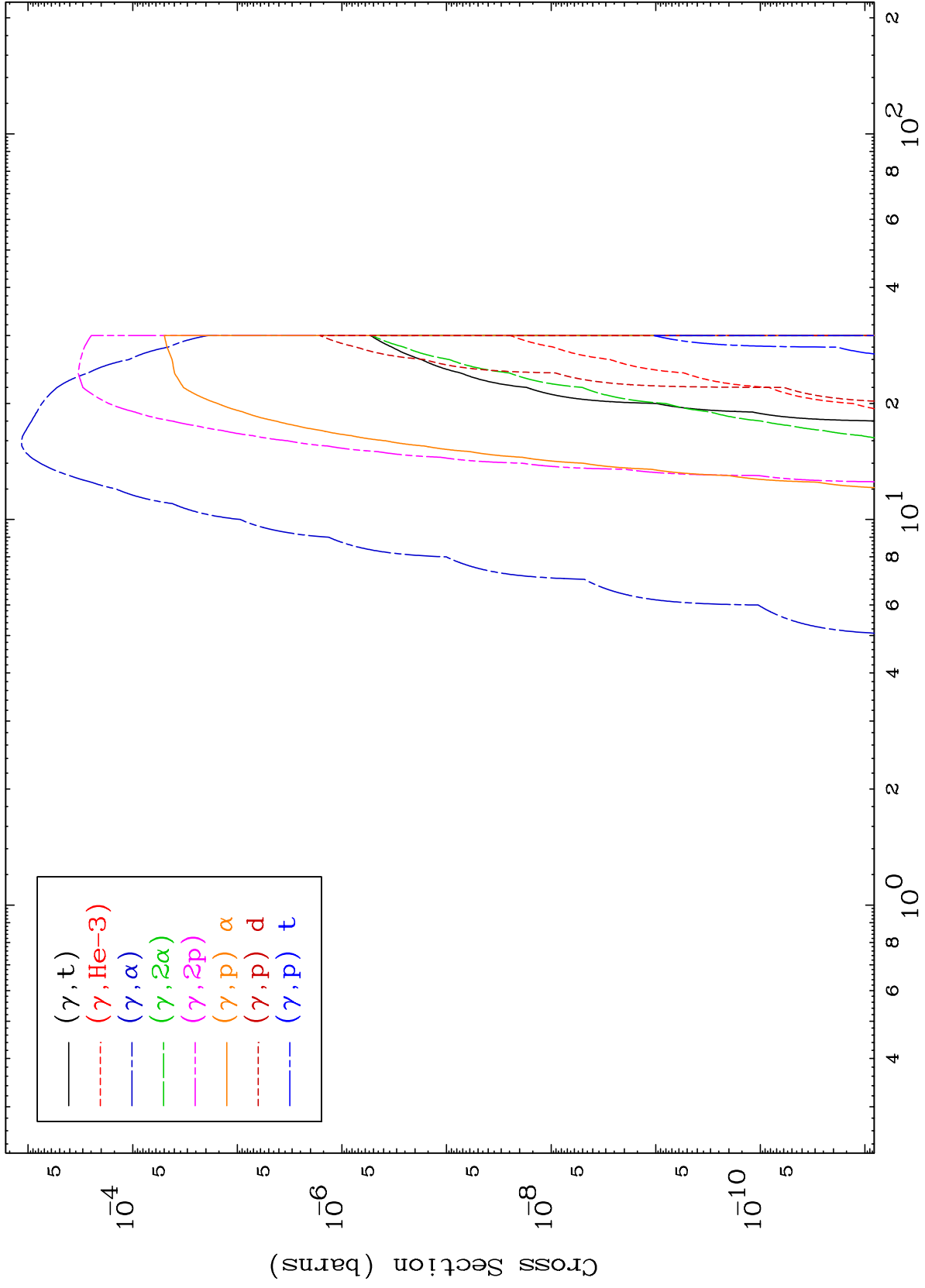
61-Pm-138

Incident Energy (MeV)

1





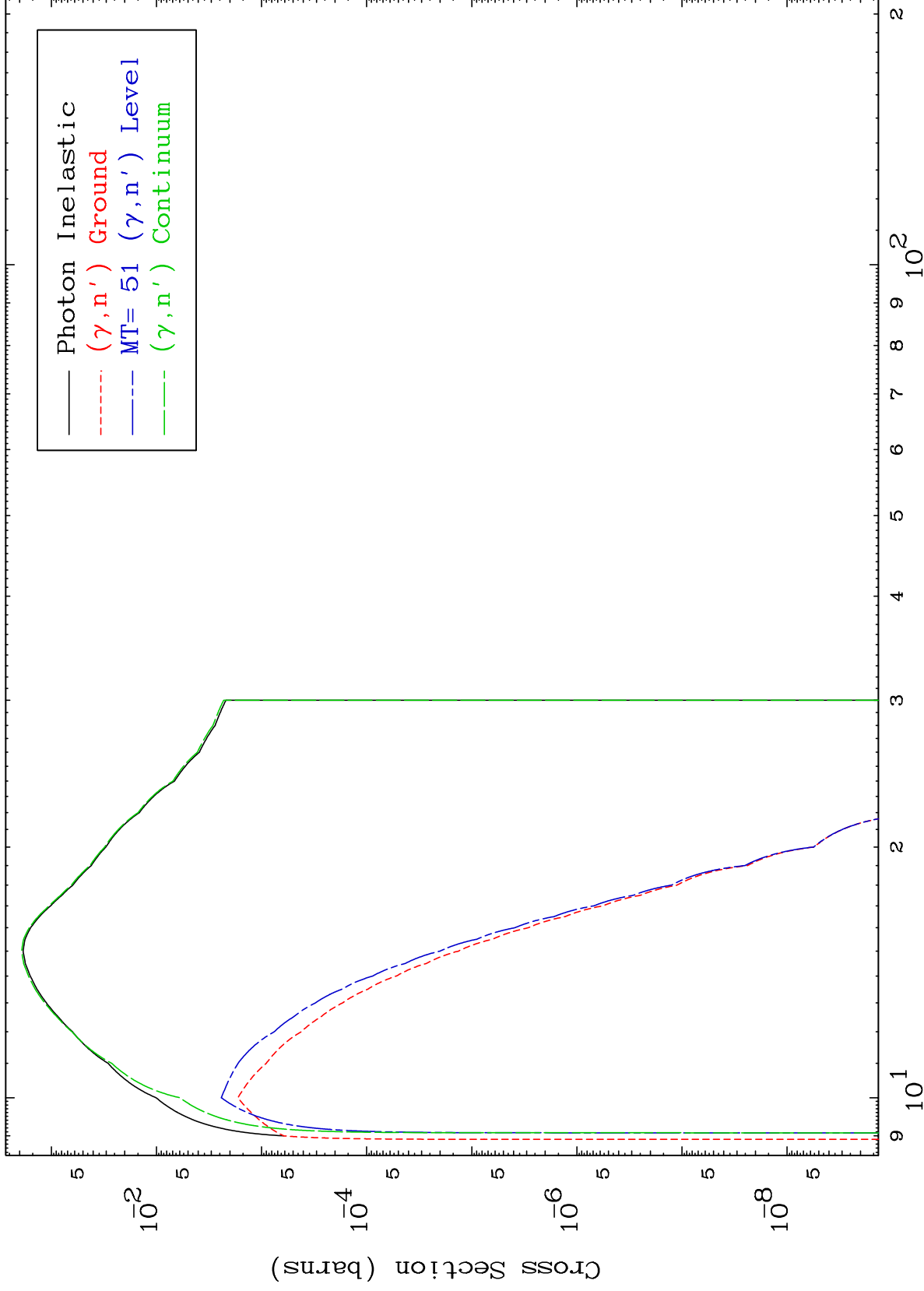


MAT 6122

(γ, n') Level

61-Pm-138

0 Kelvin Cross Sections



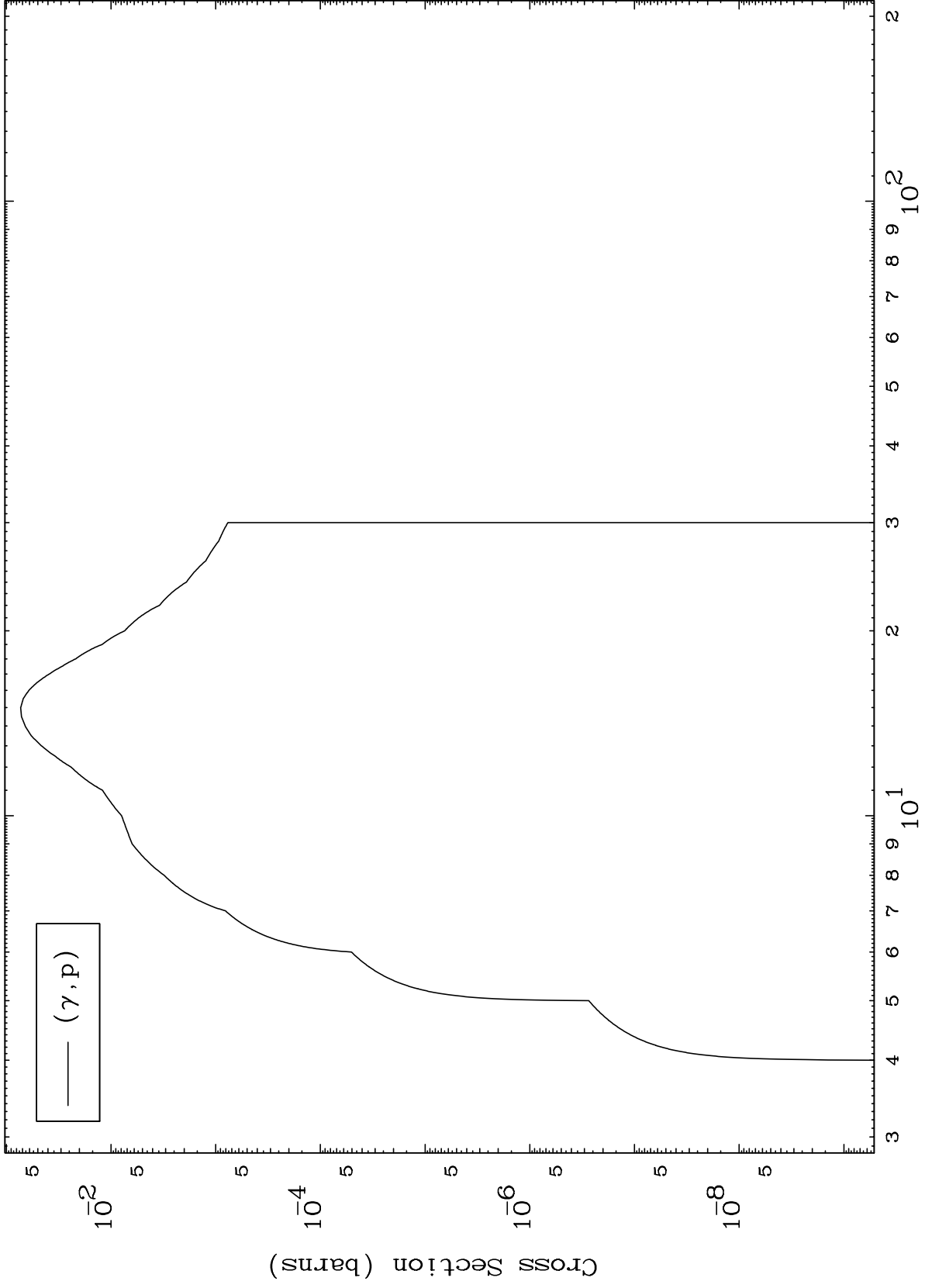
Incident Energy (MeV)

61-Pm-138

MAT 6122

(γ, p) Levels
0 Kelvin Cross Sections

61-Pm-138



6

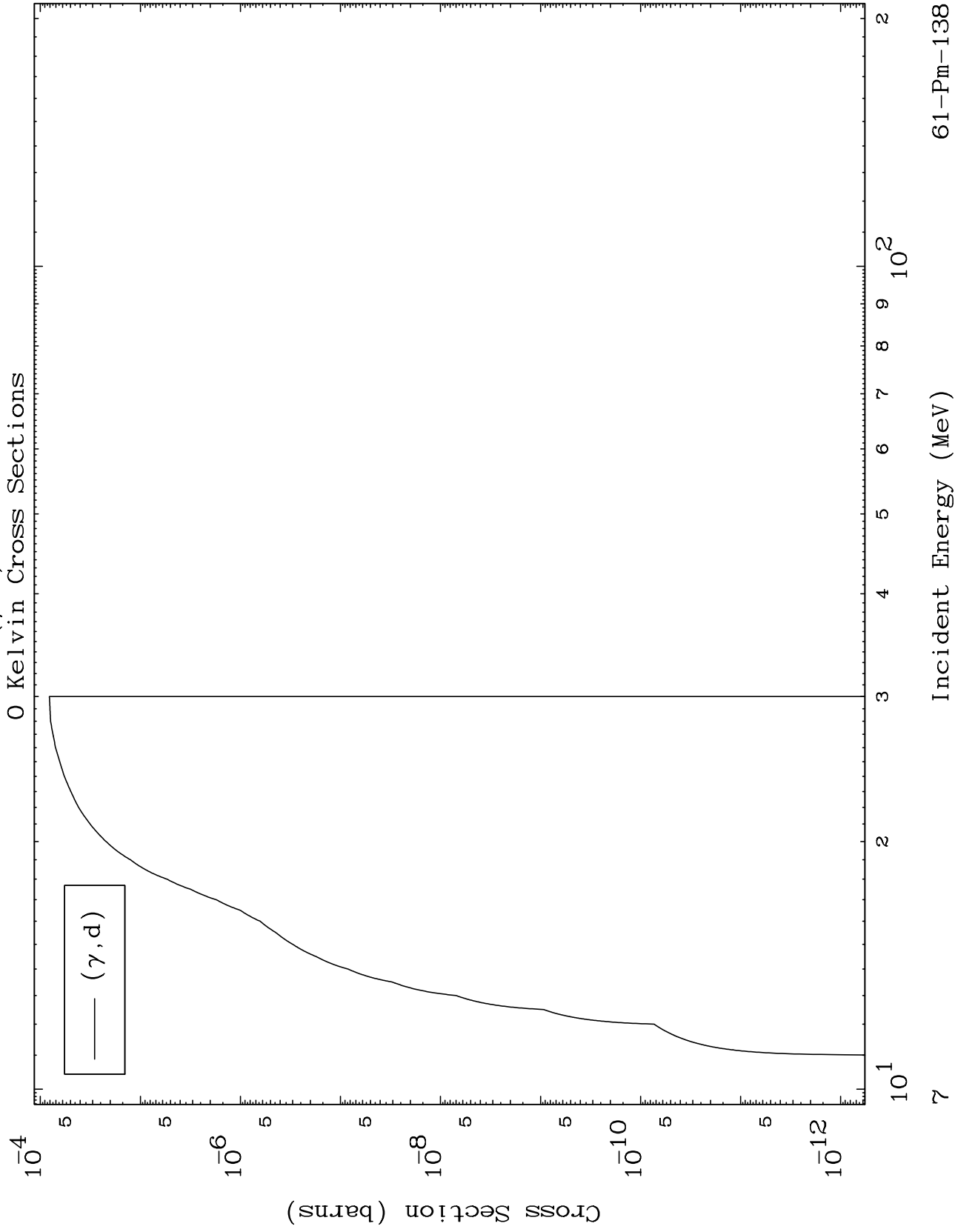
Incident Energy (MeV)

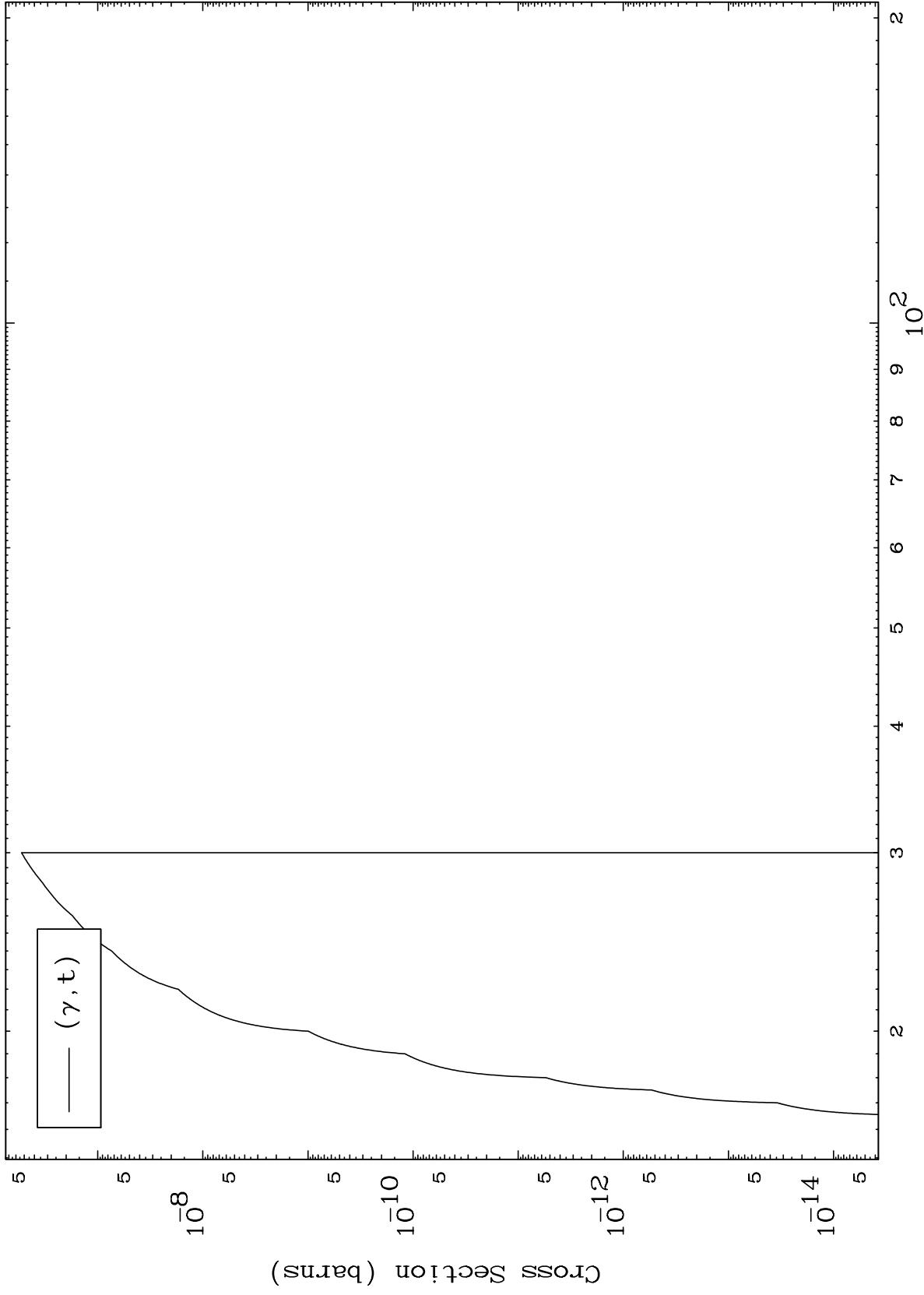
61-Pm-138

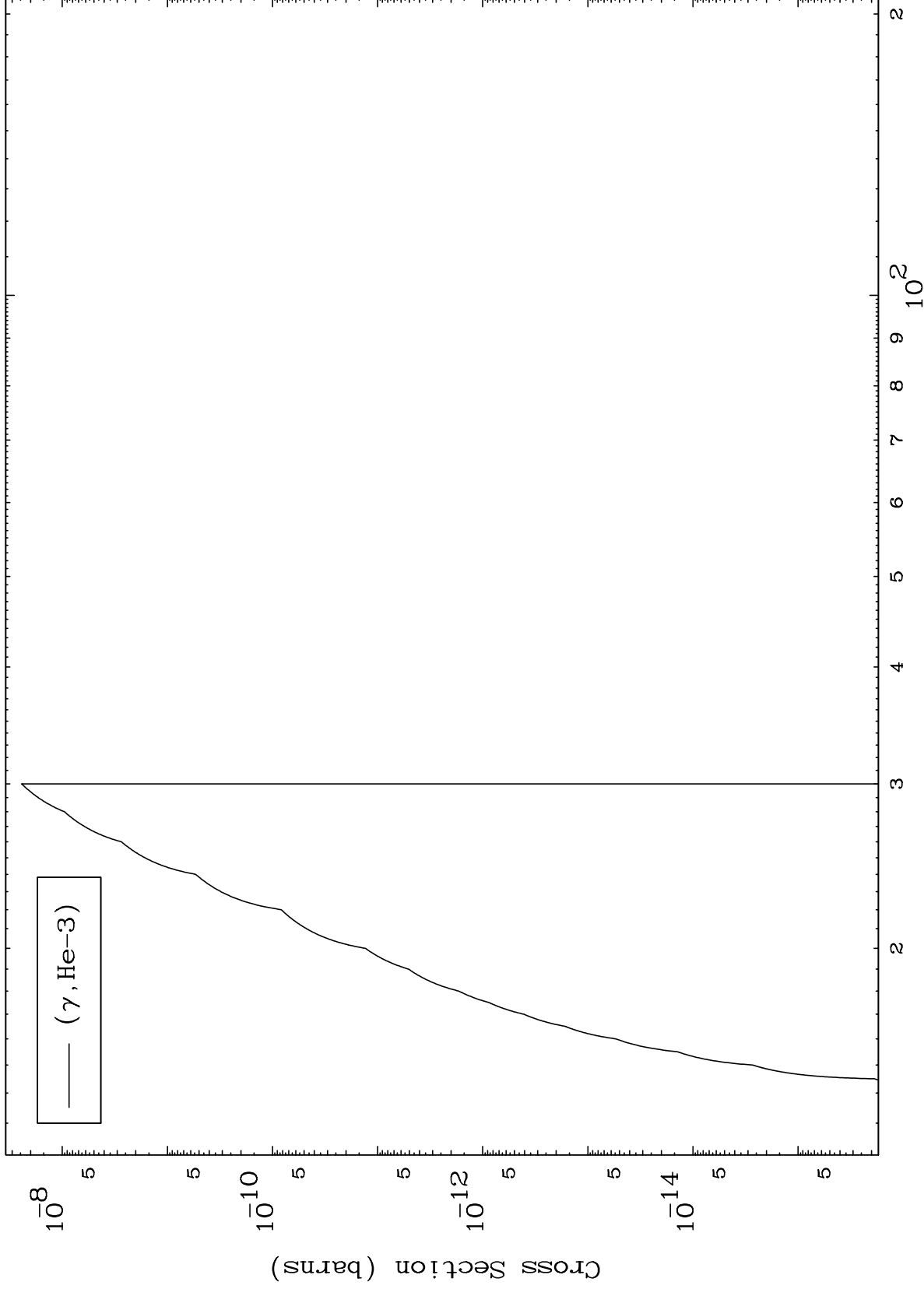
MAT 6122

(γ, d) Levels

61-Pm-138





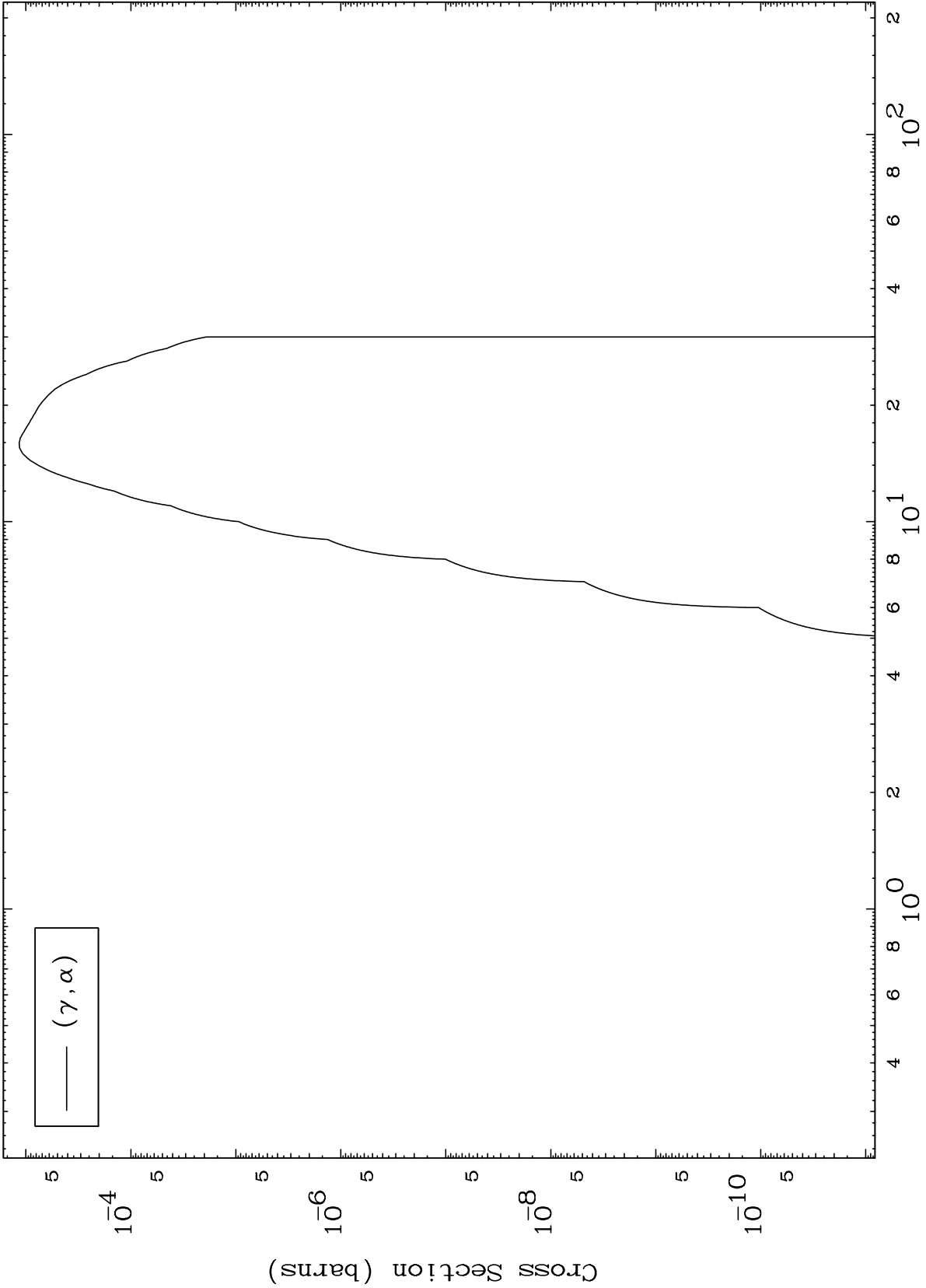


MAT 6122

(γ, α) Levels

61-Pm-138

0 Kelvin Cross Sections



10

Incident Energy (MeV)

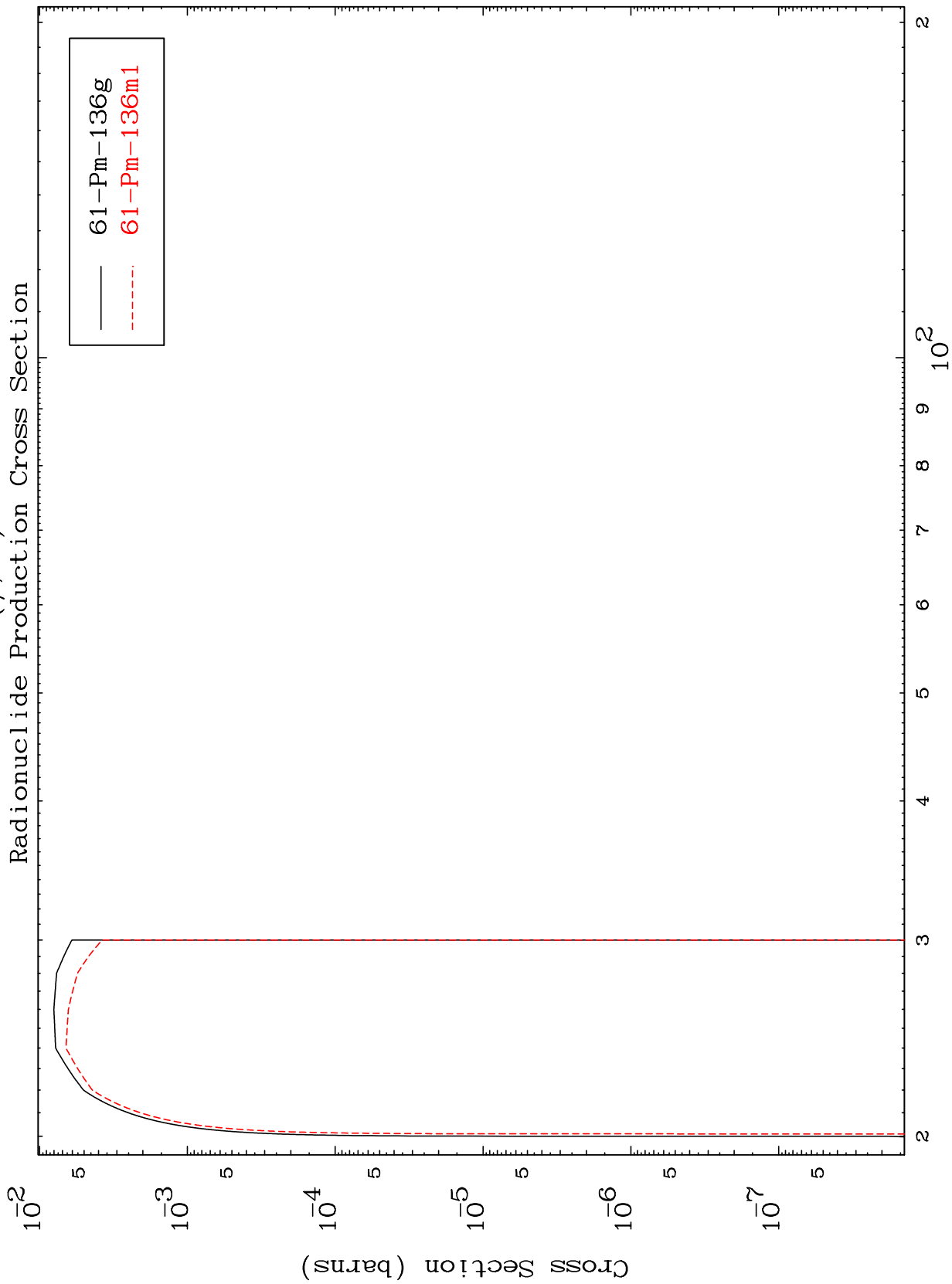
61-Pm-138

MAT 6122

61-Pm-138

($\gamma, 2n$)

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

61-Pm-138

Incident Energy (MeV)

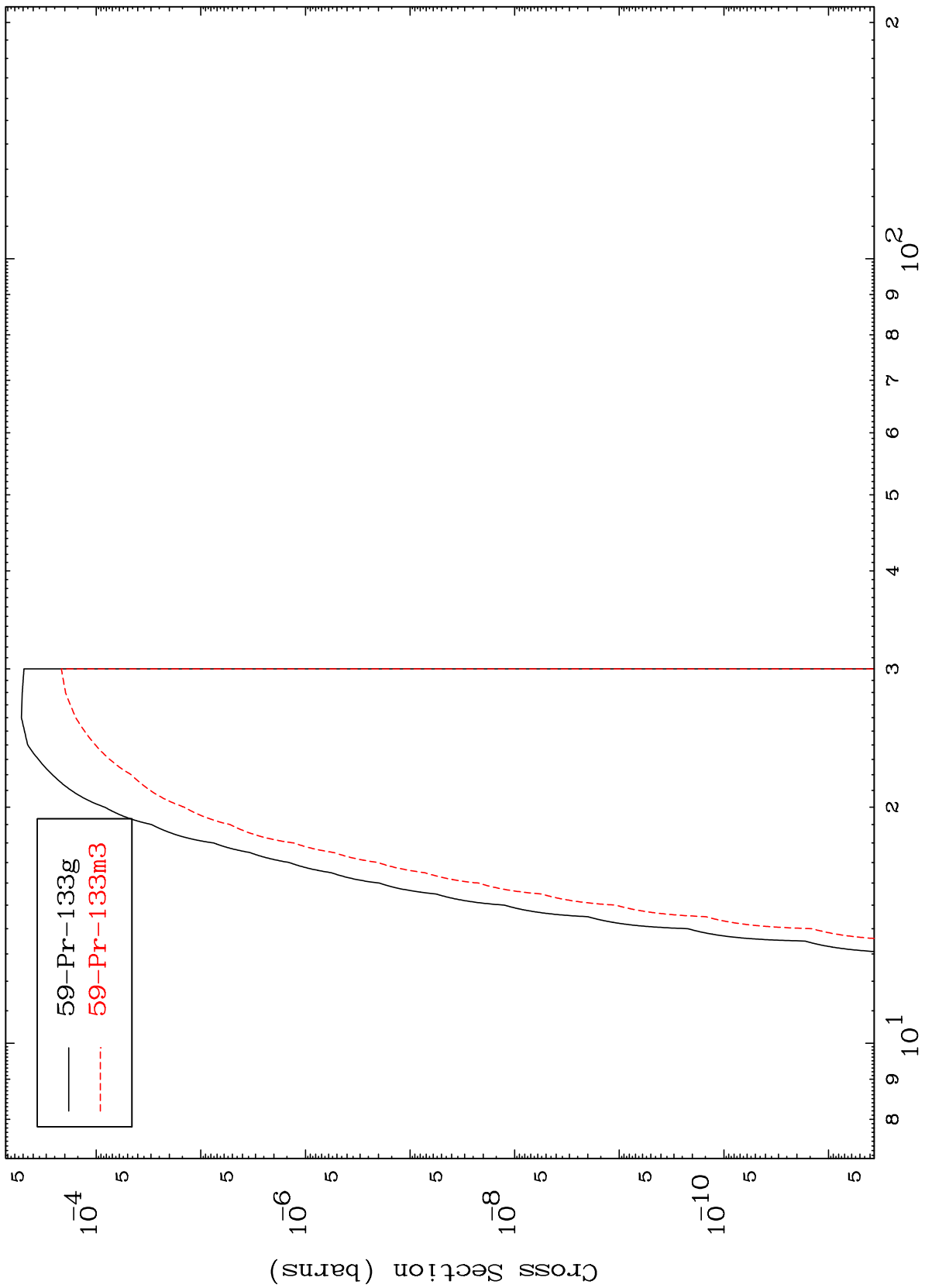
11

MAT 6122

61-Pm-138

(γ, n') α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

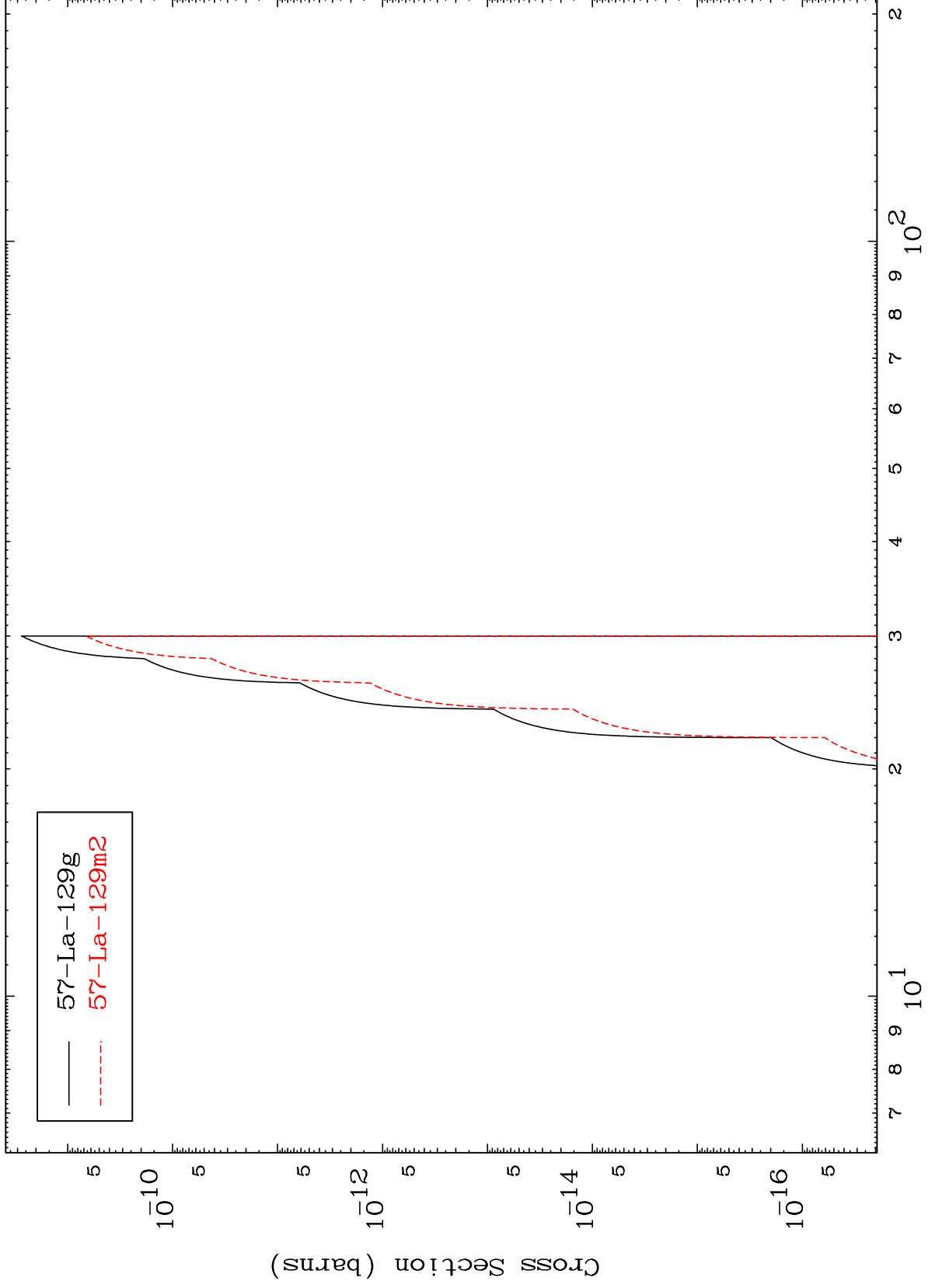
61-Pm-138

MAT 6122

(γ, n') 2α

61-Pm-138

Radionuclide Production Cross Section



13

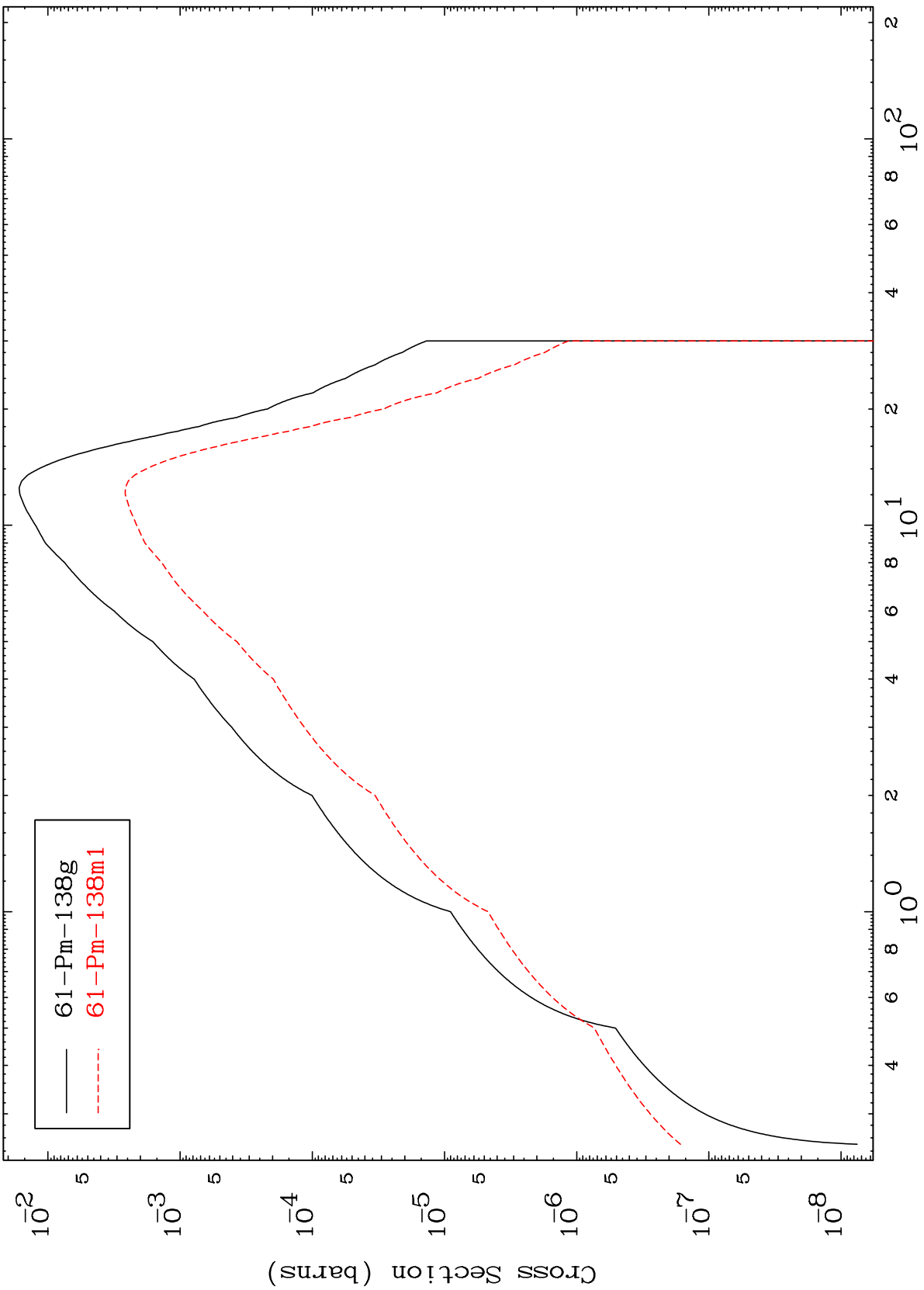
Incident Energy (MeV)

61-Pm-138

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61-Pm-138

(γ, γ)
Radionuclide Production Cross Section



61-Pm-138

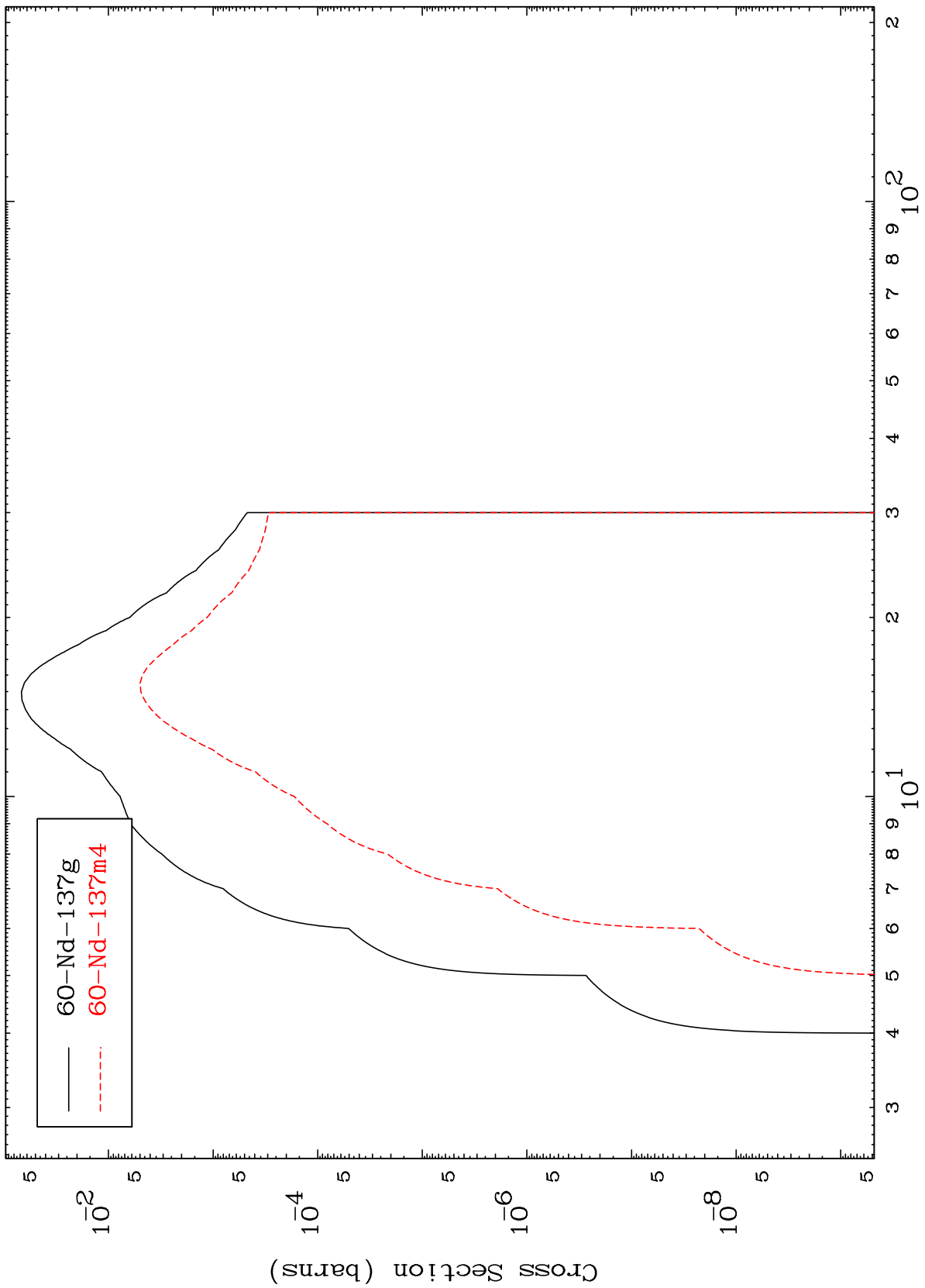
Incident Energy (MeV)

14

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61-Pm-138

Radionuclide Production Cross Section
(γ, p)



15

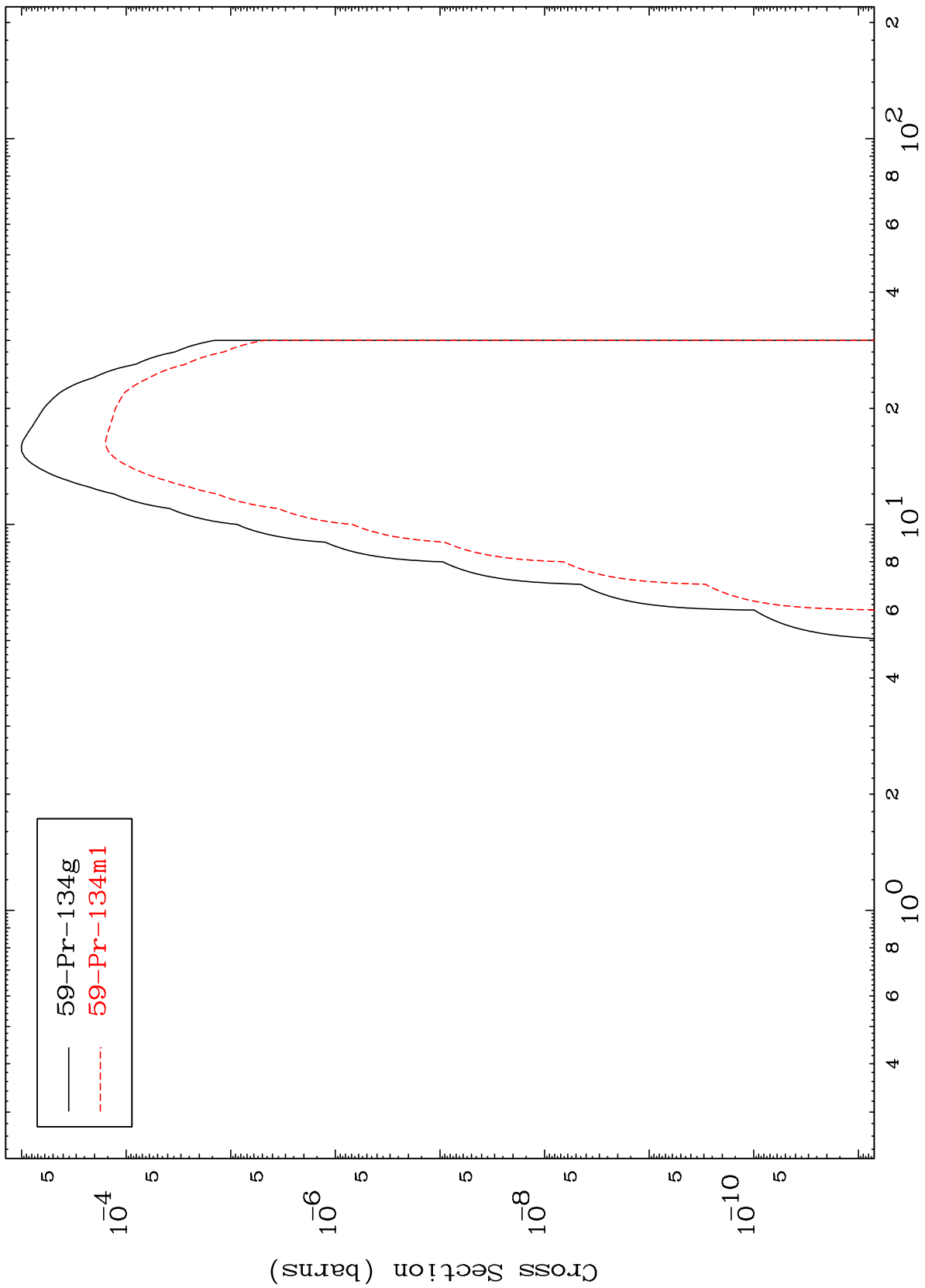
Incident Energy (MeV)

61-Pm-138

MAT 6122

61-Pm-138

(γ, α)
Radionuclide Production Cross Section



16

61-Pm-138

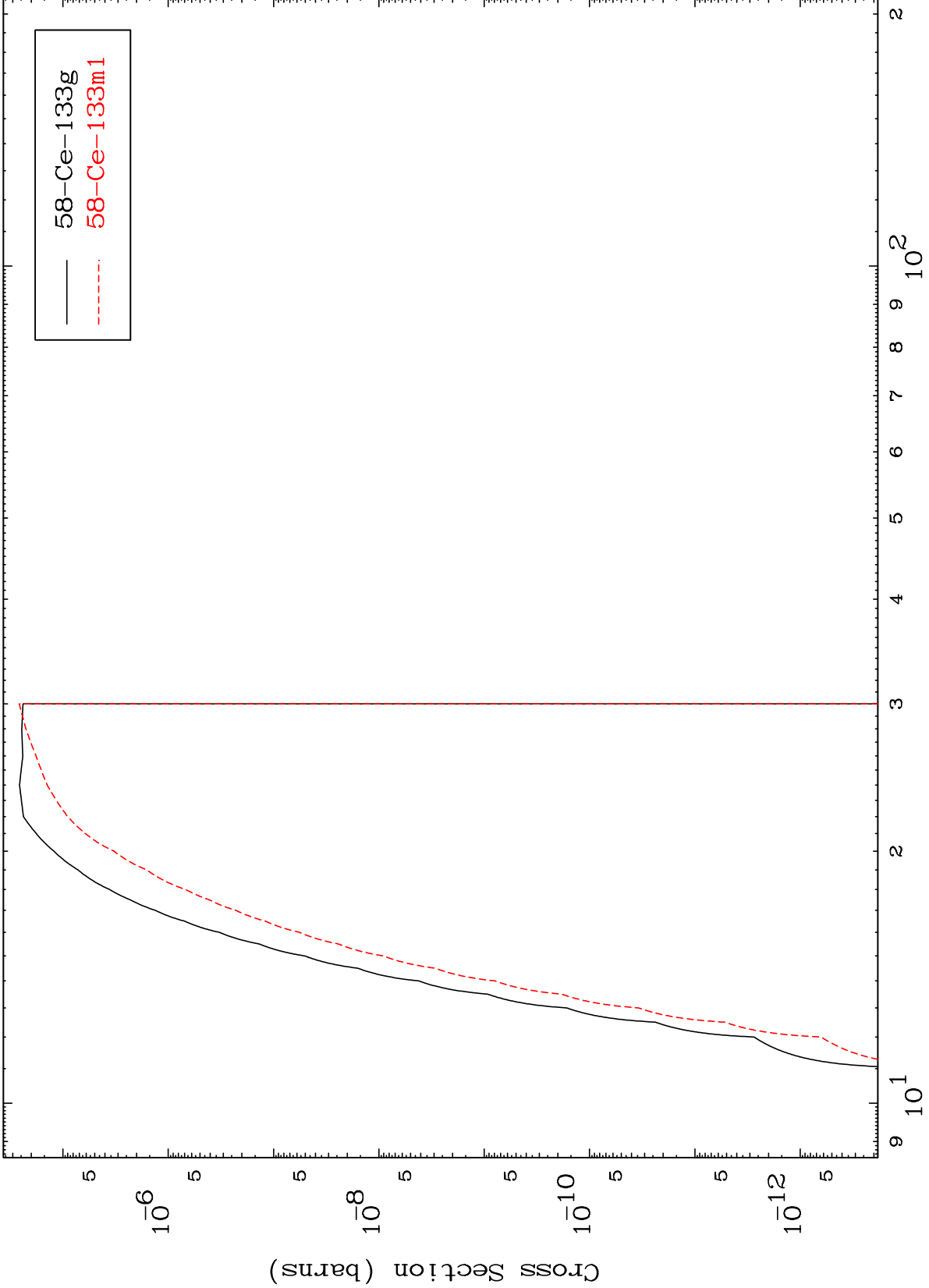
Incident Energy (MeV)

MAT 6122

(γ, p) α

61-Pm-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

61-Pm-138

Radionuclide Production Cross Section

