

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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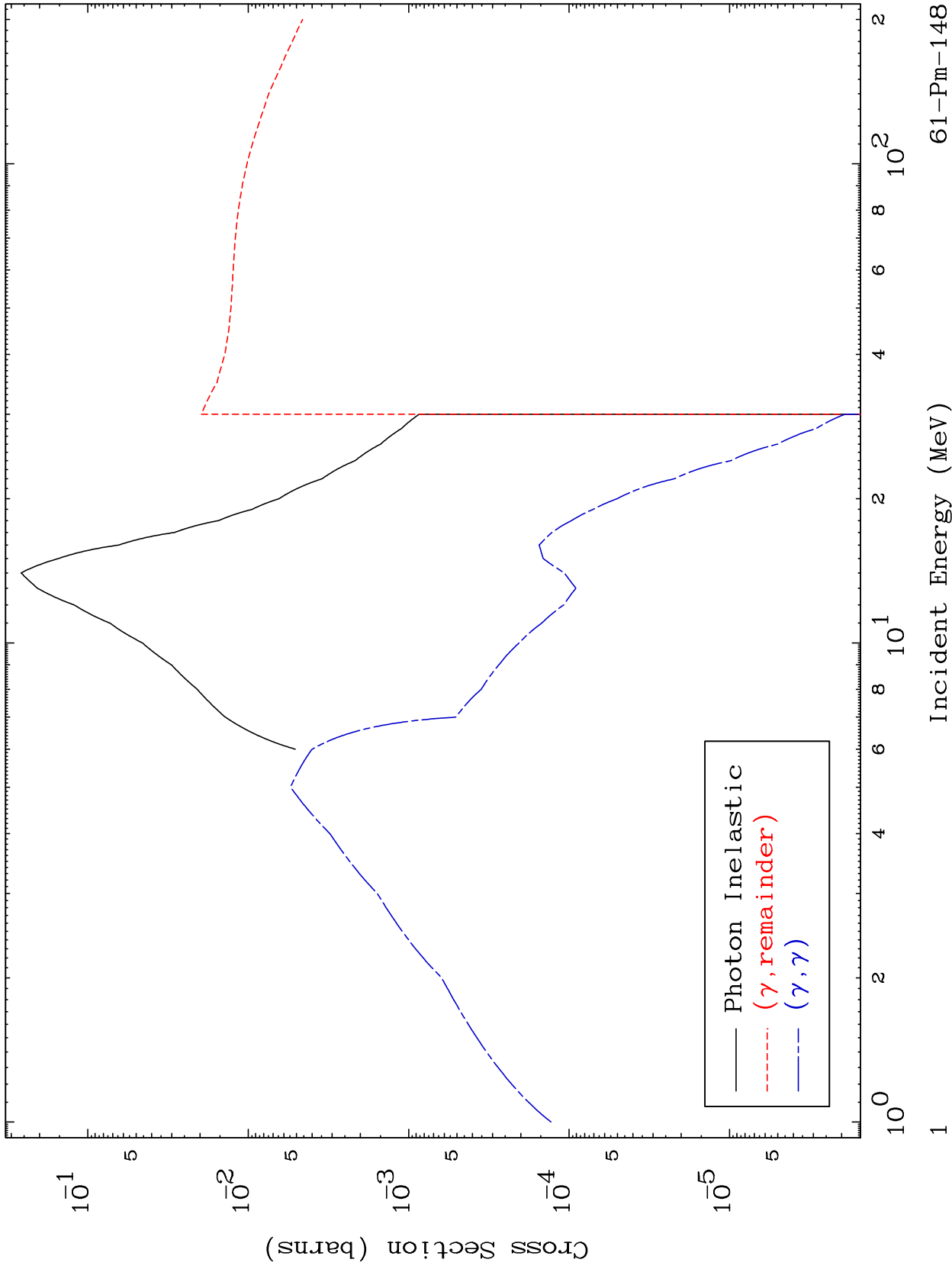
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

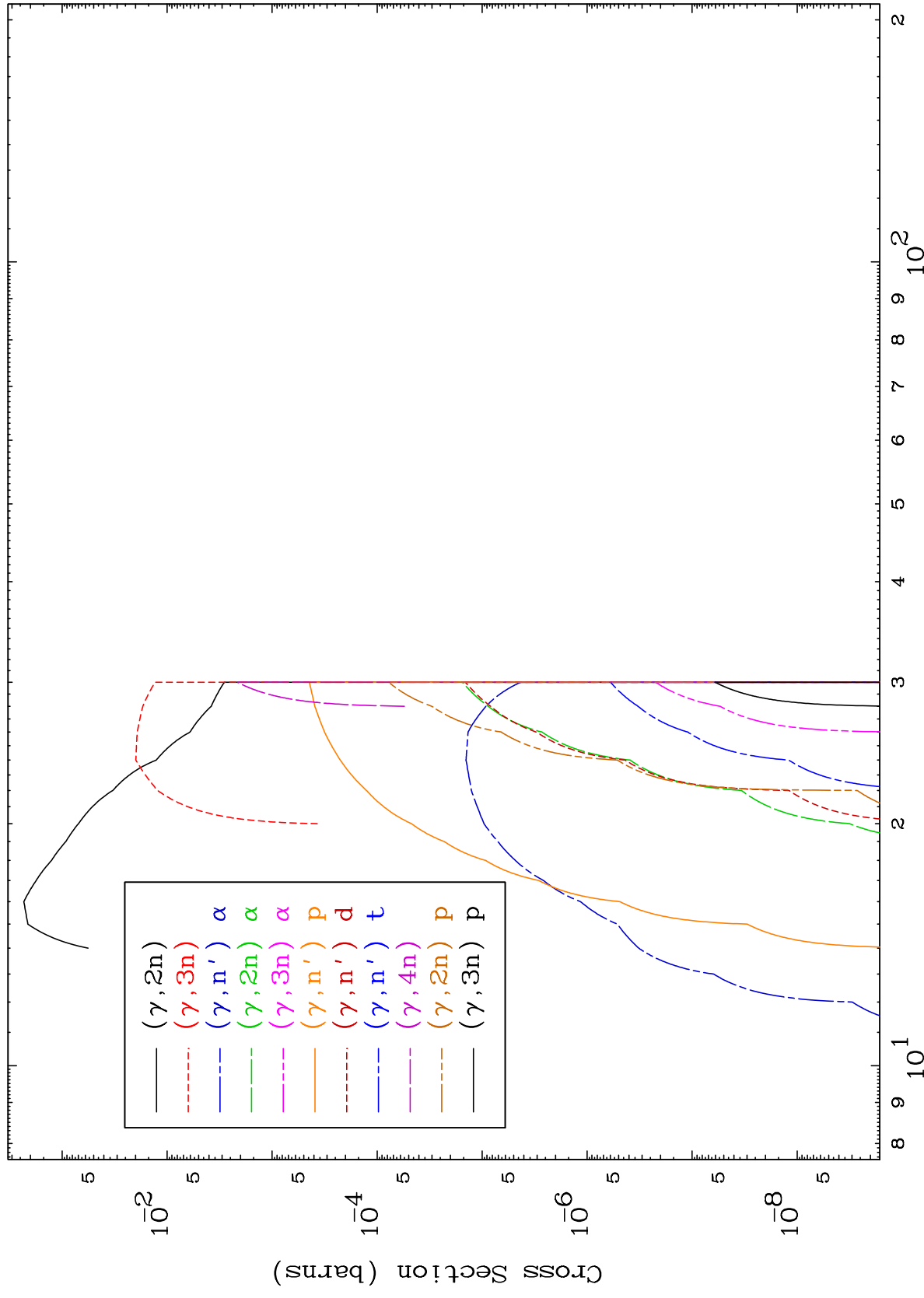
Press Mouse Button to Start

MAT 6153

Photon Major
0 Kelvin Cross Sections

61-Pm-148

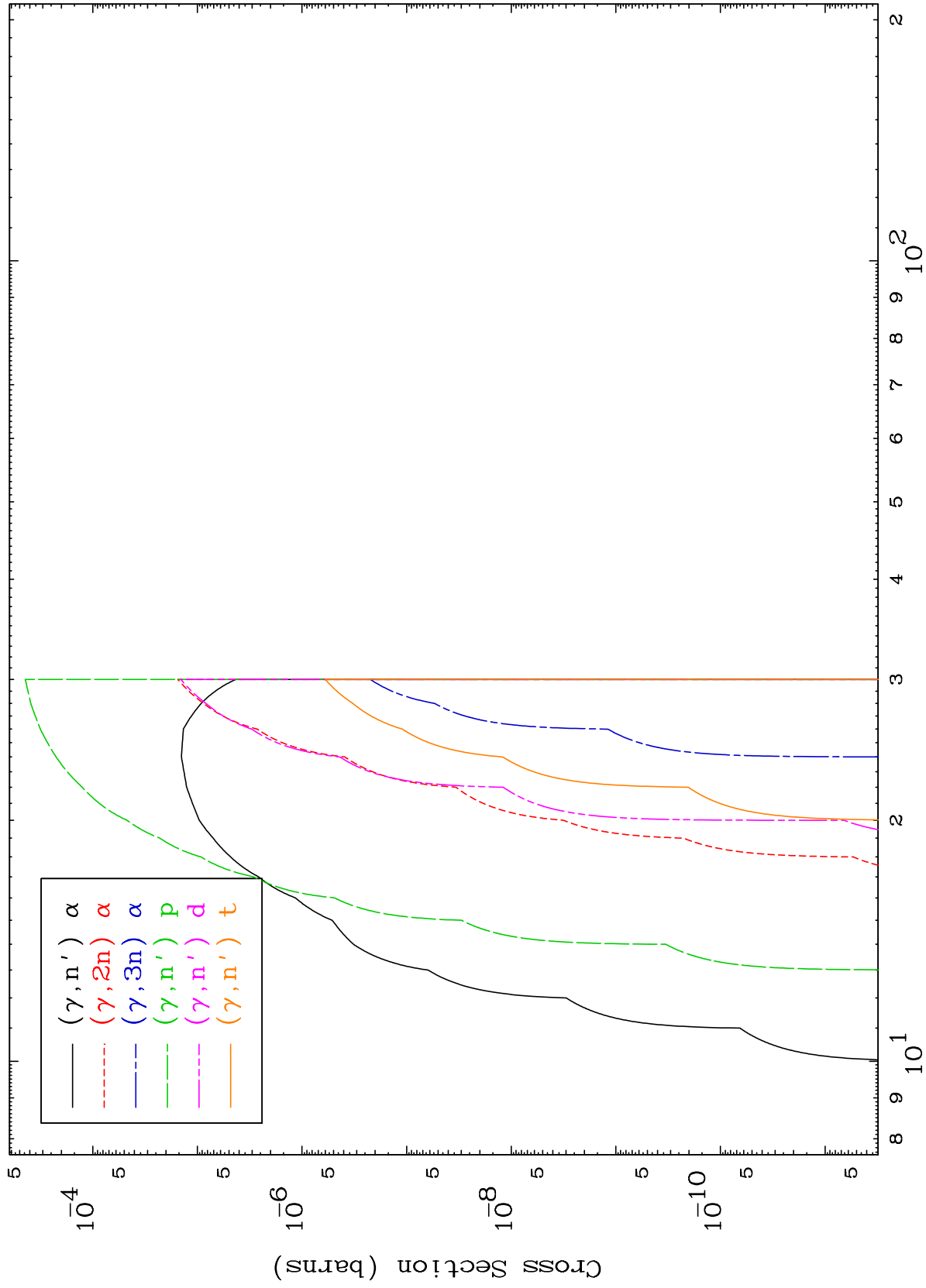




MAT 6153

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-148



3

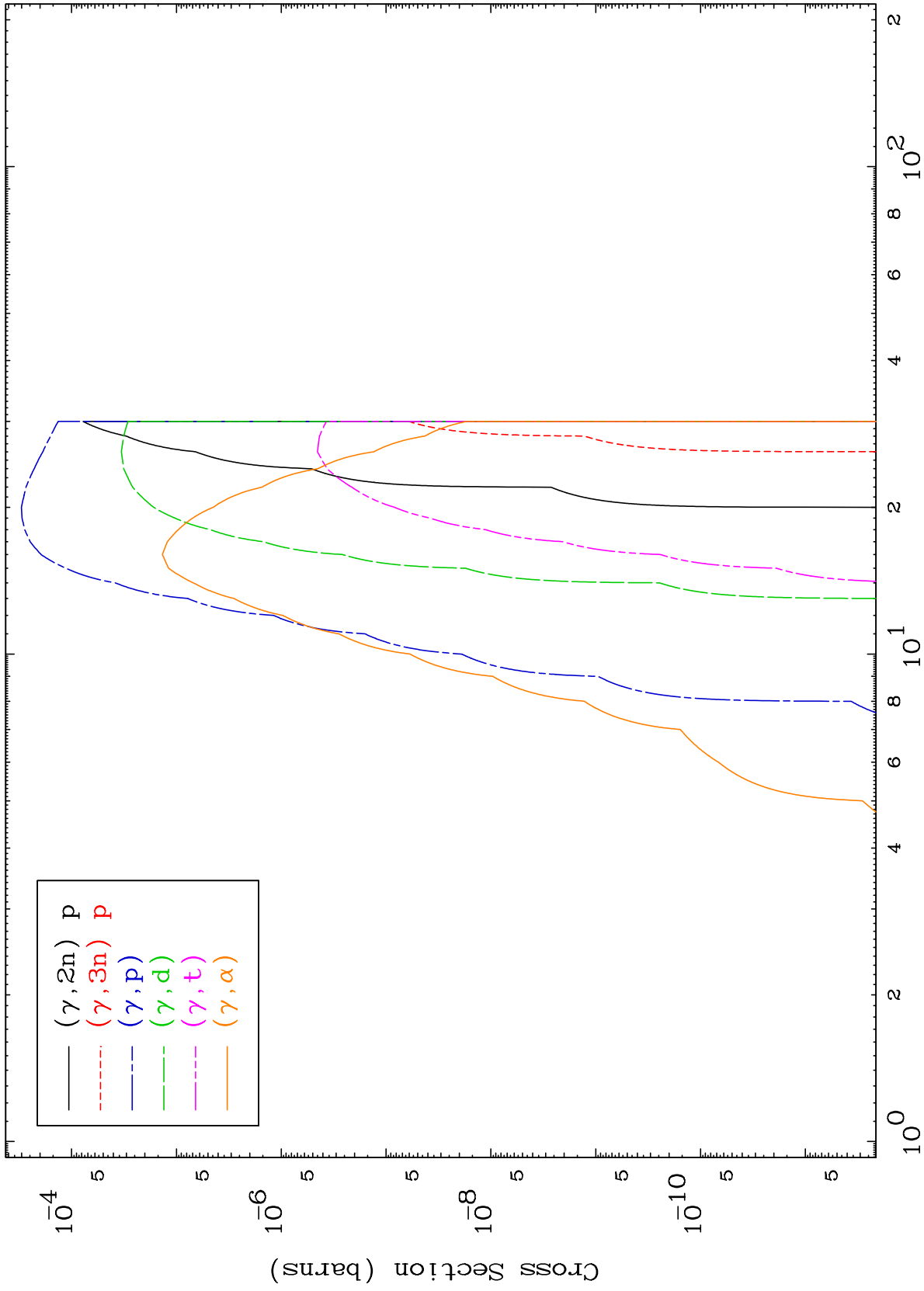
Incident Energy (MeV)

61-Pm-148

MAT 6153

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-148



61-Pm-148

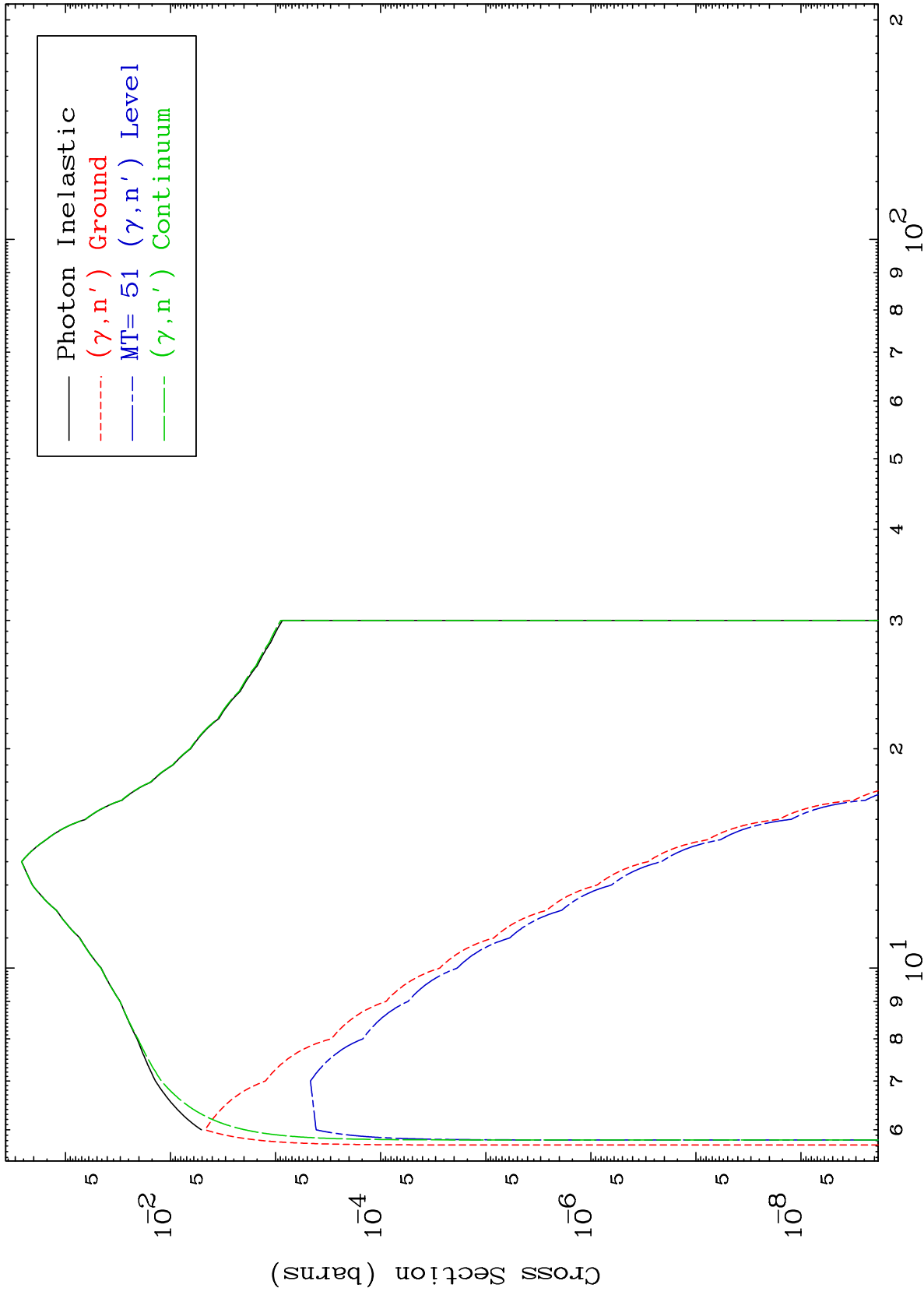
Incident Energy (MeV)

4

MAT 6153

(γ, n') Level
0 Kelvin Cross Sections

61-Pm-148



5

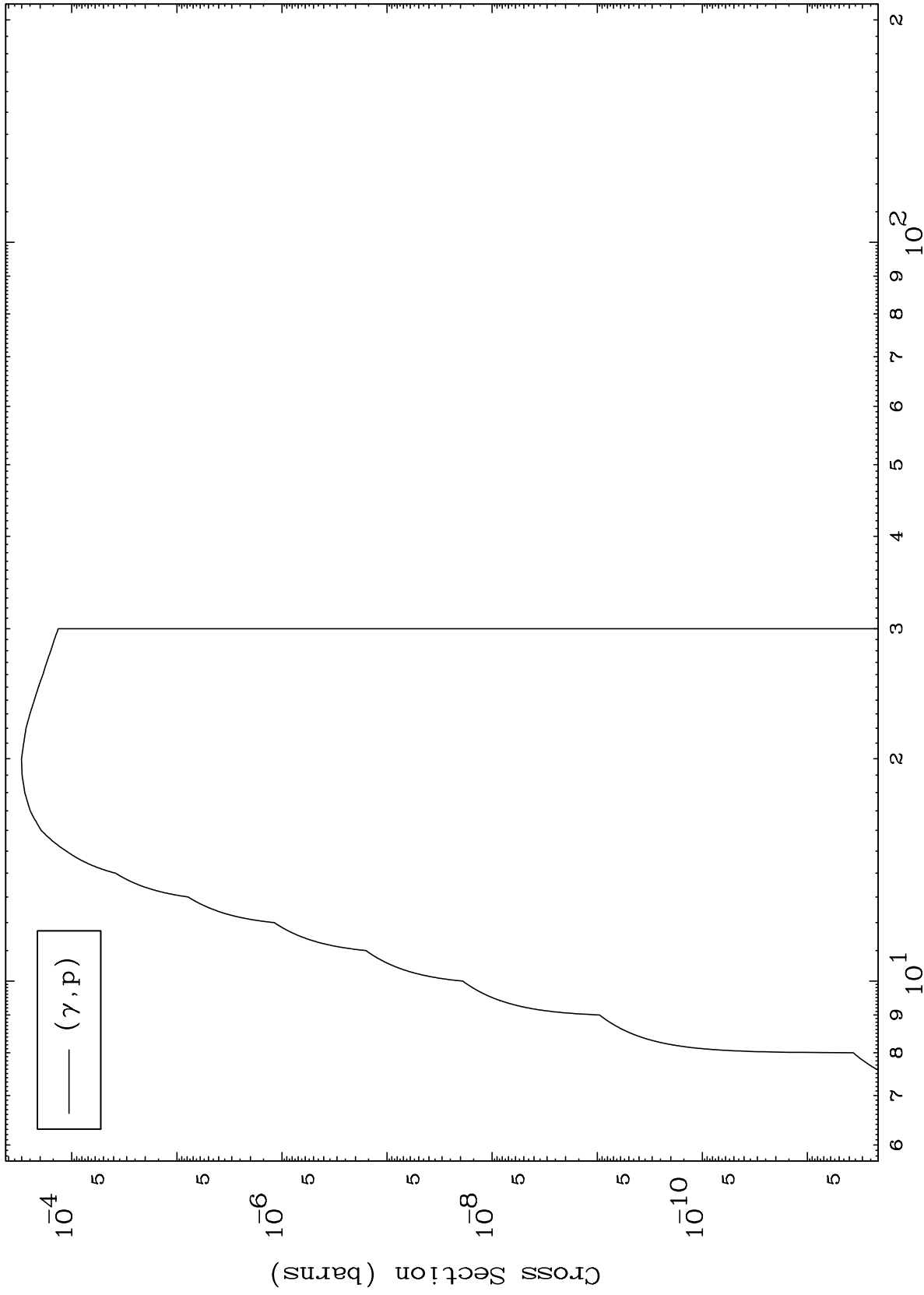
Incident Energy (MeV)

61-Pm-148

MAT 6153

(γ, p) Levels
0 Kelvin Cross Sections

61-Pm-148



6

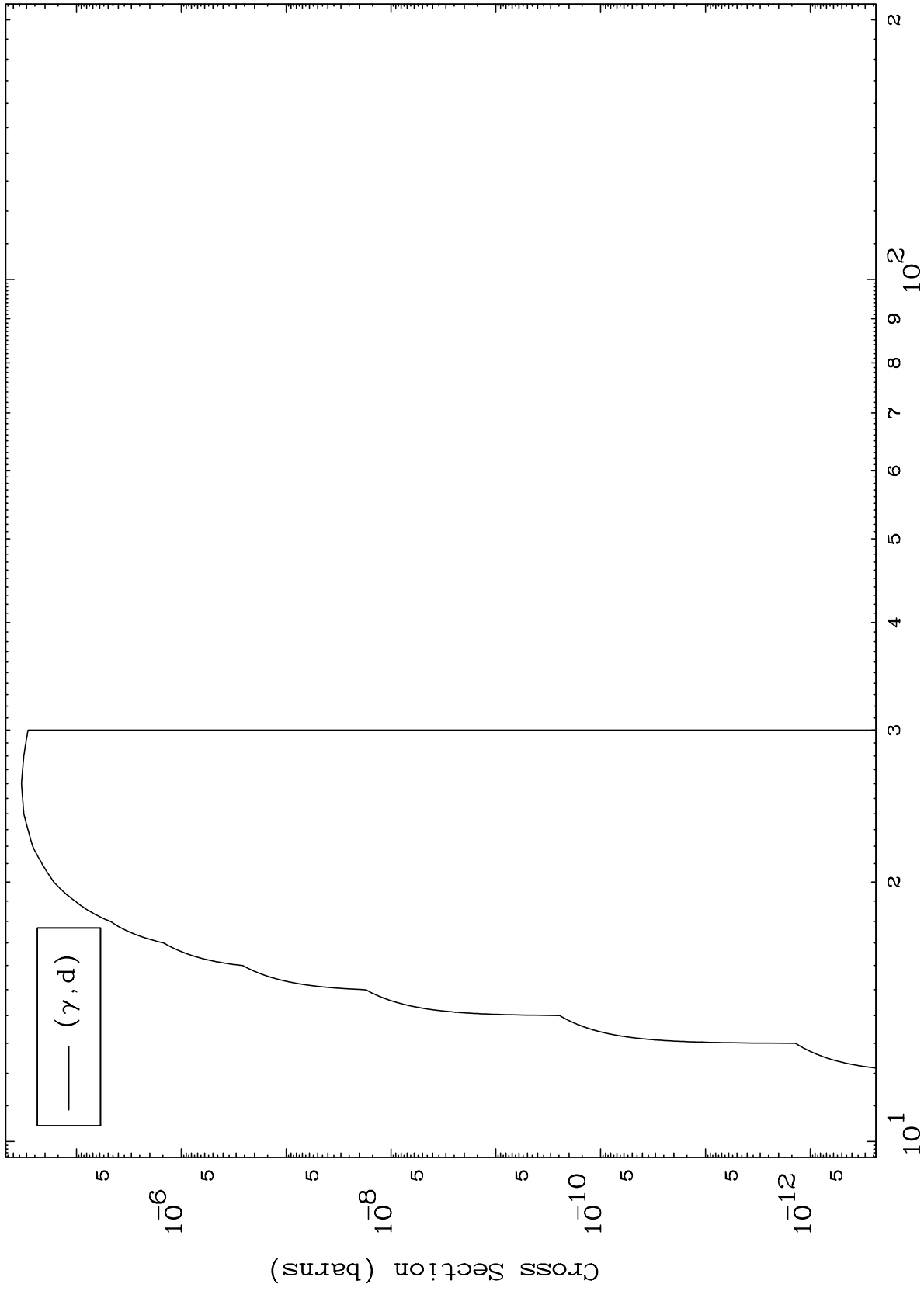
Incident Energy (MeV)

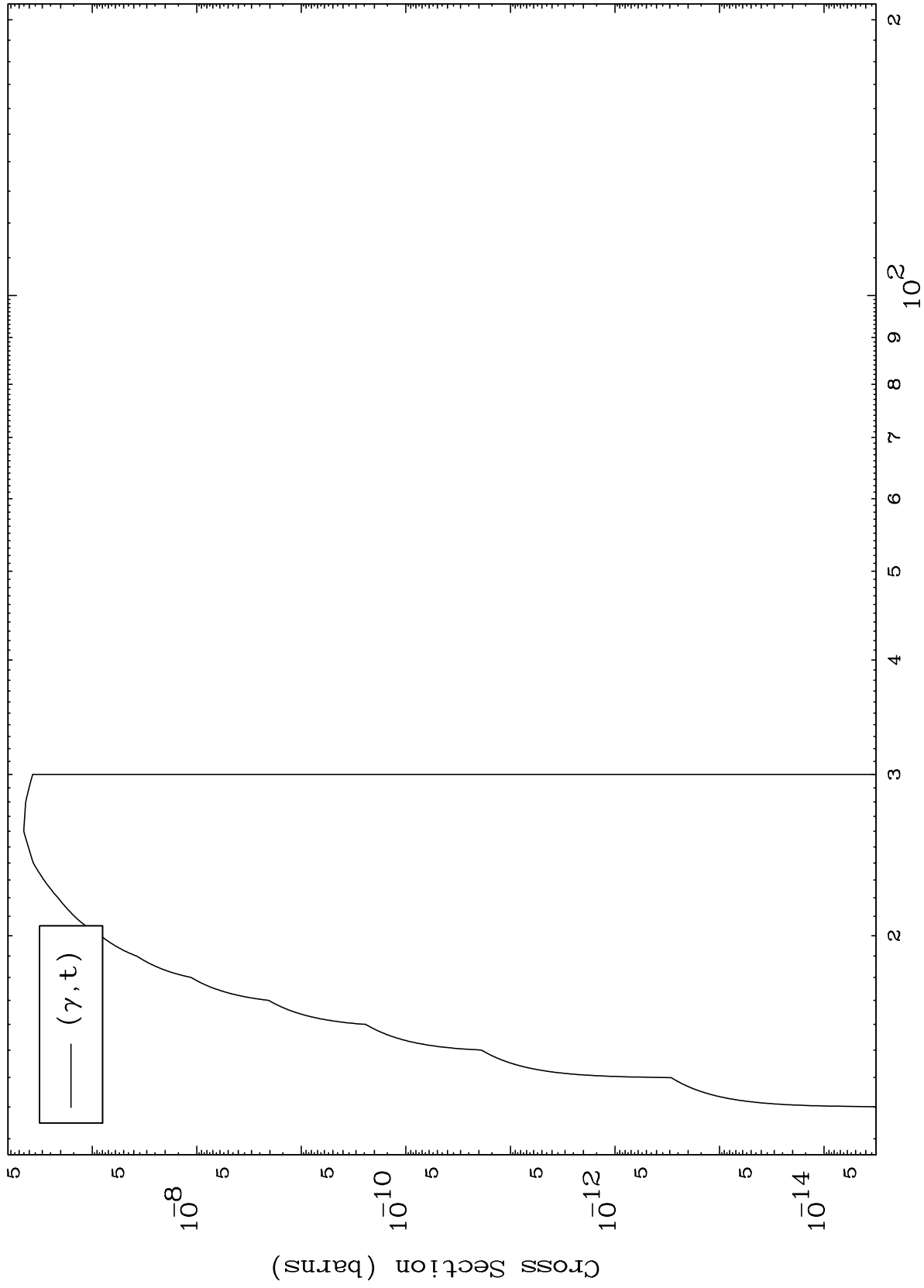
61-Pm-148

MAT 6153

(γ, d) Levels
0 Kelvin Cross Sections

61-Pm-148

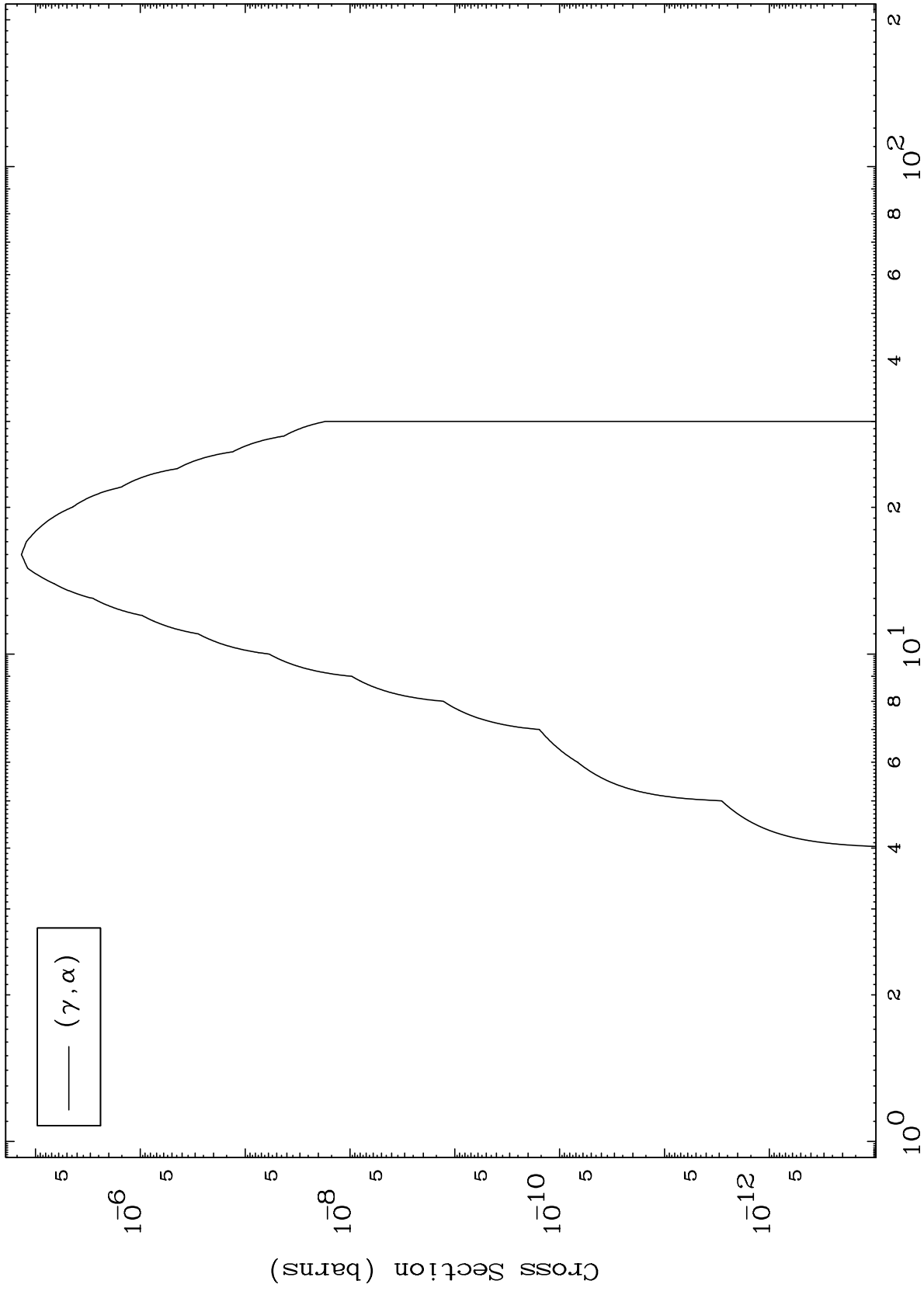




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(γ, α) Levels
0 Kelvin Cross Sections

61-Pm-148



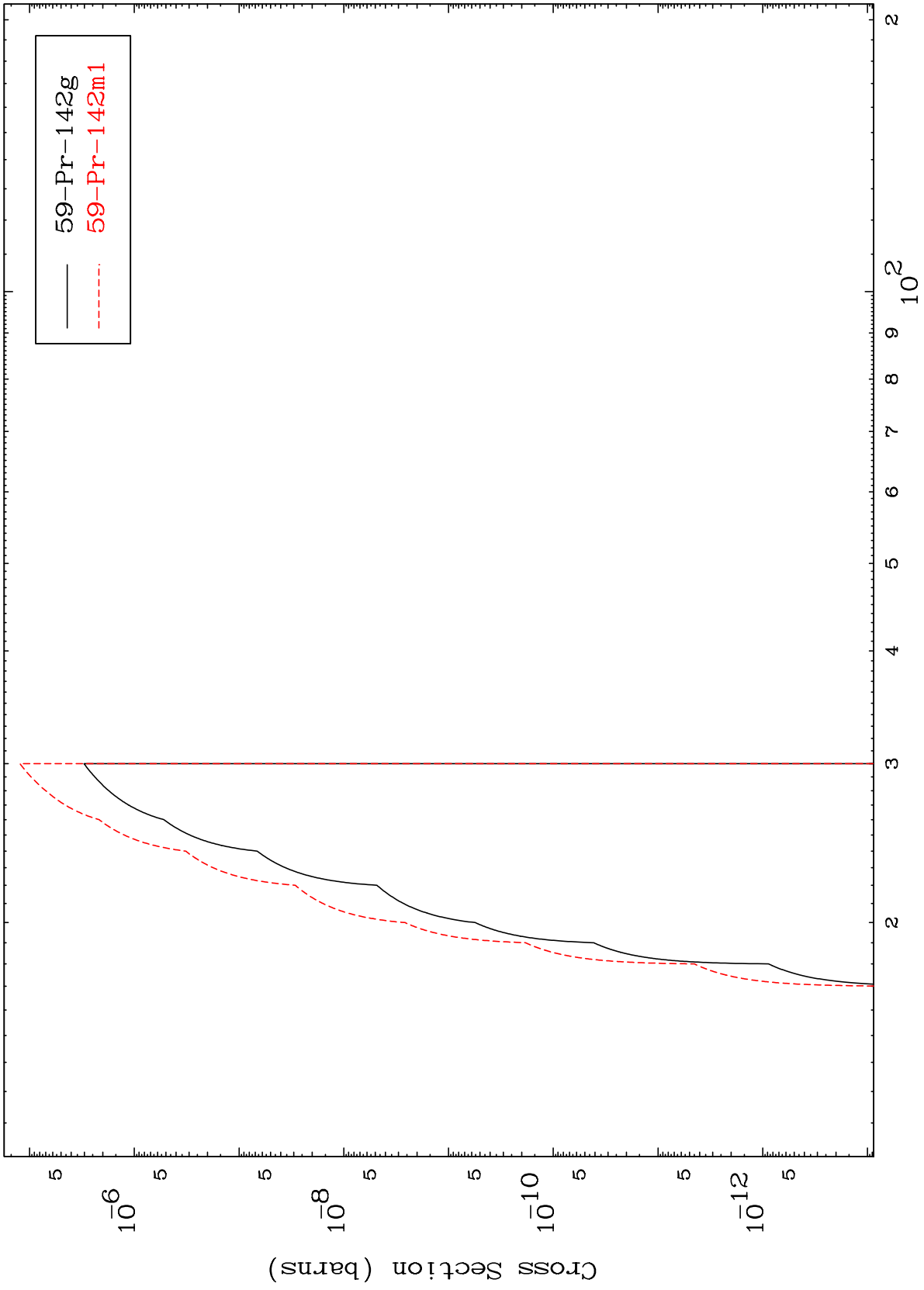
Incident Energy (MeV)

61-Pm-148

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61-Pm-148

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



10

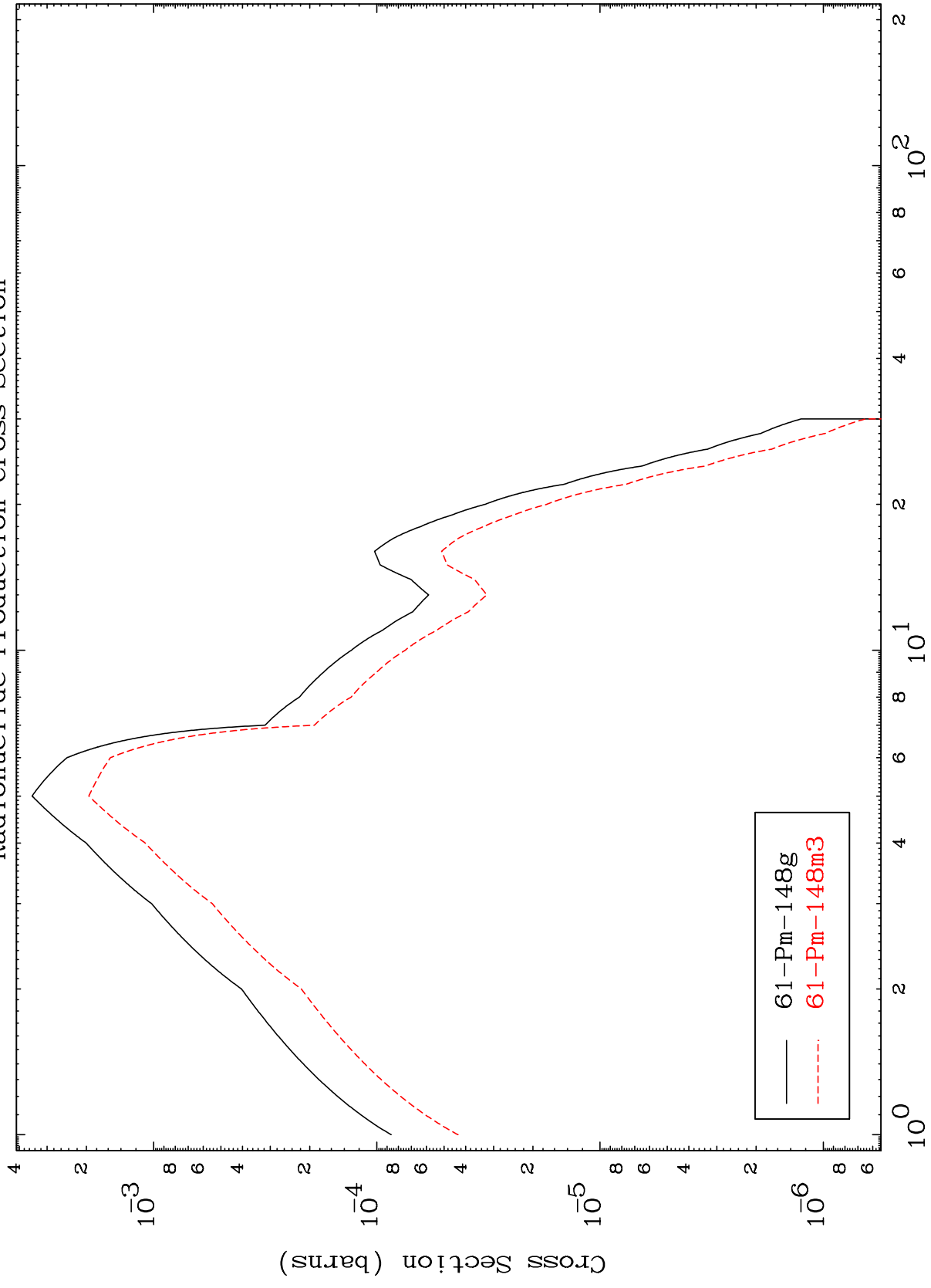
Incident Energy (MeV)

61-Pm-148

MAT 6153

Radionuclide Production Cross Section
(γ, γ)

$^{61}\text{Pm}-148$



11

Incident Energy (MeV)

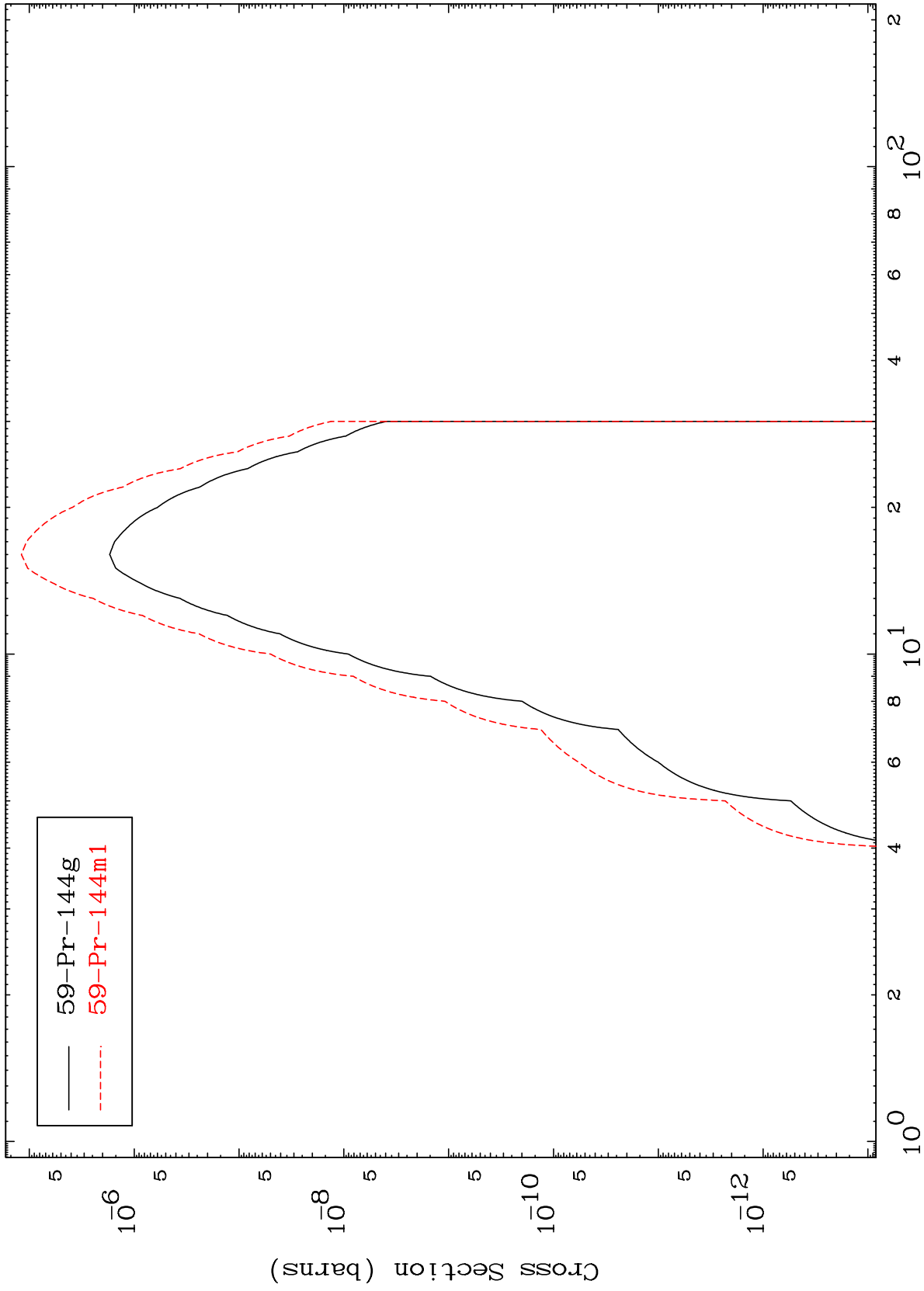
$^{61}\text{Pm}-148$

— $^{61}\text{Pm}-148g$
- - - $^{61}\text{Pm}-148m3$

MAT 6153

61-Pm-148

Radionuclide Production Cross Section
(γ, α)



Incident Energy (MeV)

61-Pm-148