

Program EVALPLOT
(Version 2018-1)

by

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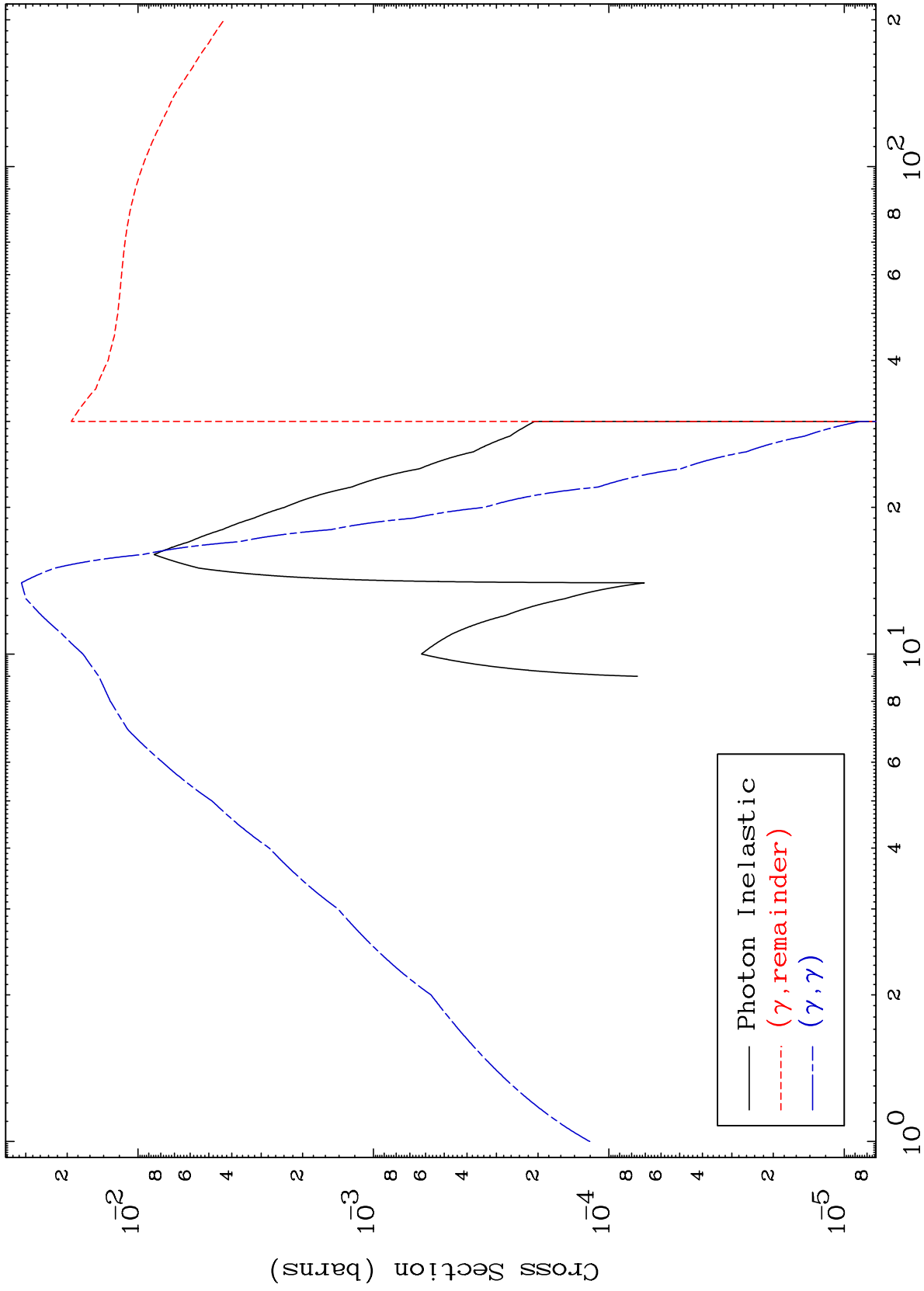
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6117

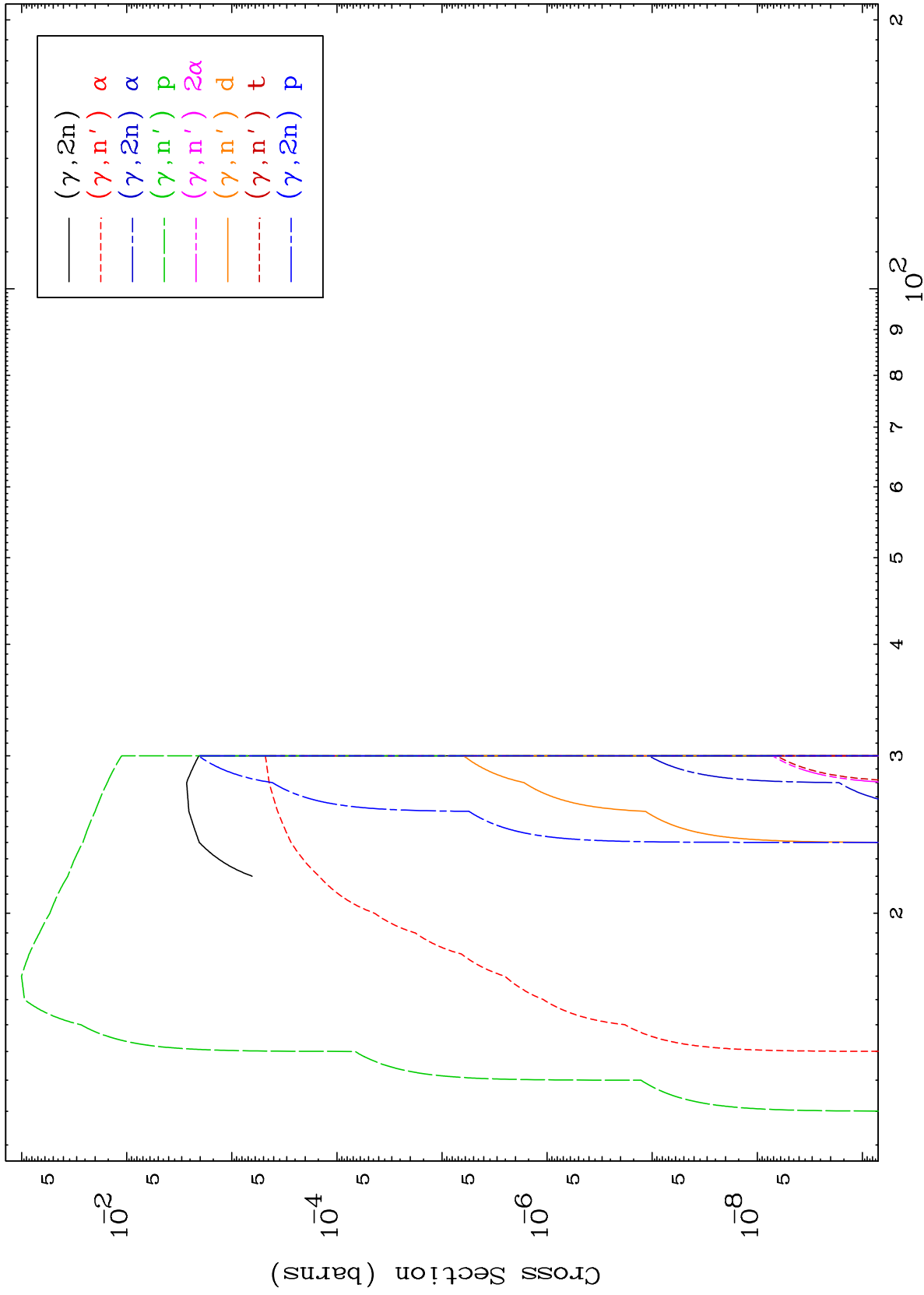
Photon Major
0 Kelvin Cross Sections

61-Pm-136



Incident Energy (MeV)

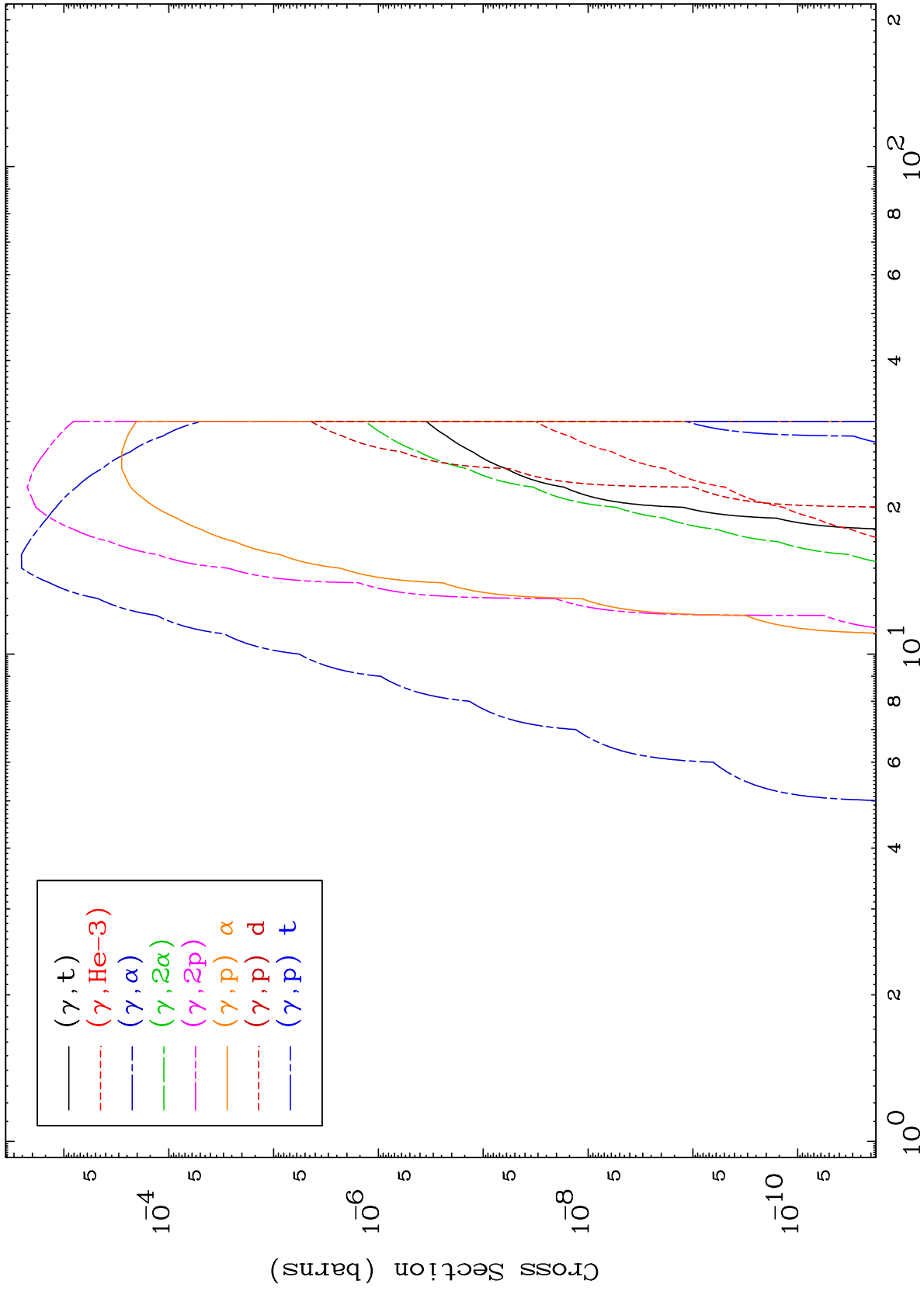
61-Pm-136



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Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-136



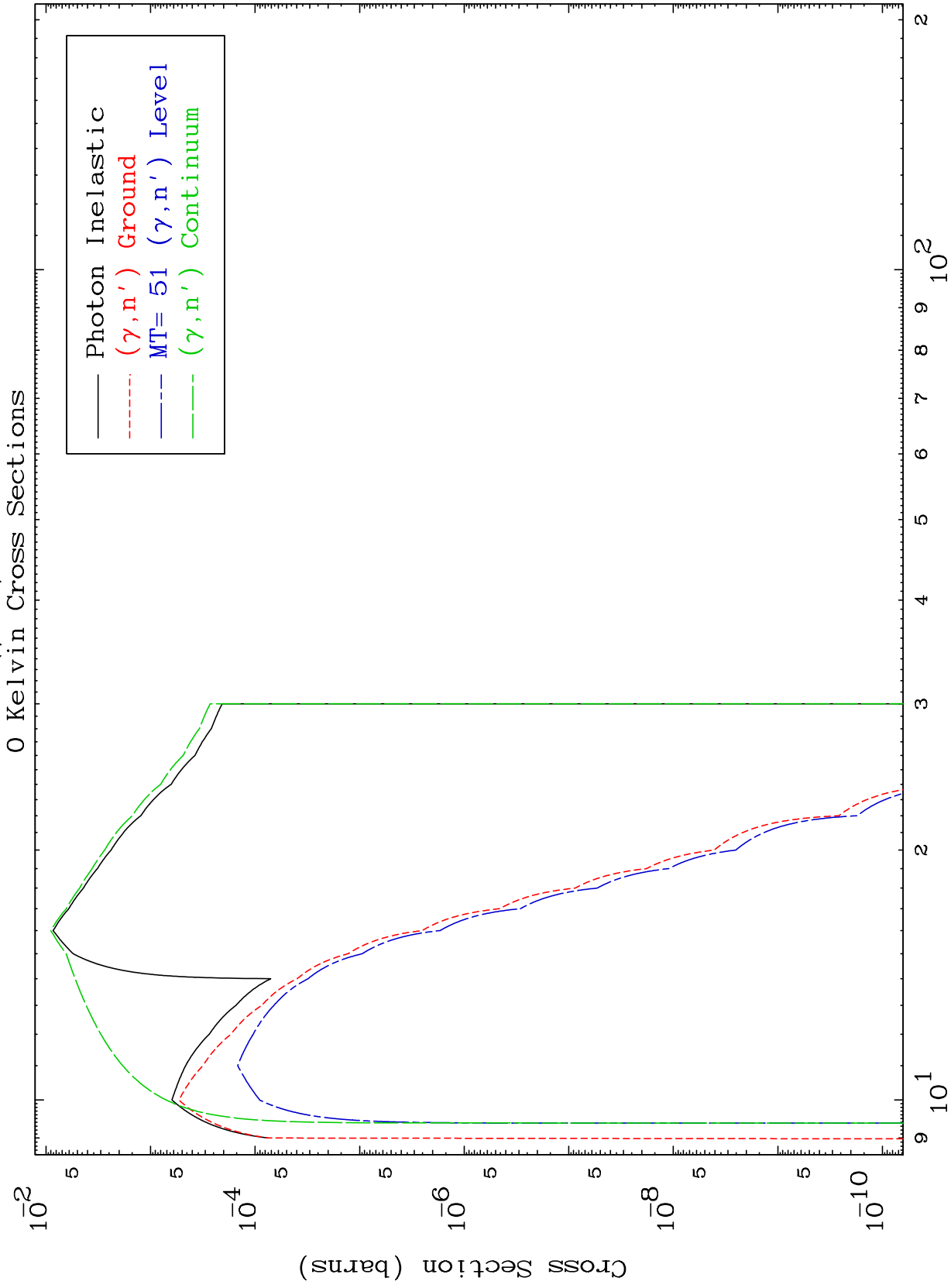
Incident Energy (MeV)

61-Pm-136

MAT 6117

(γ, n') Level

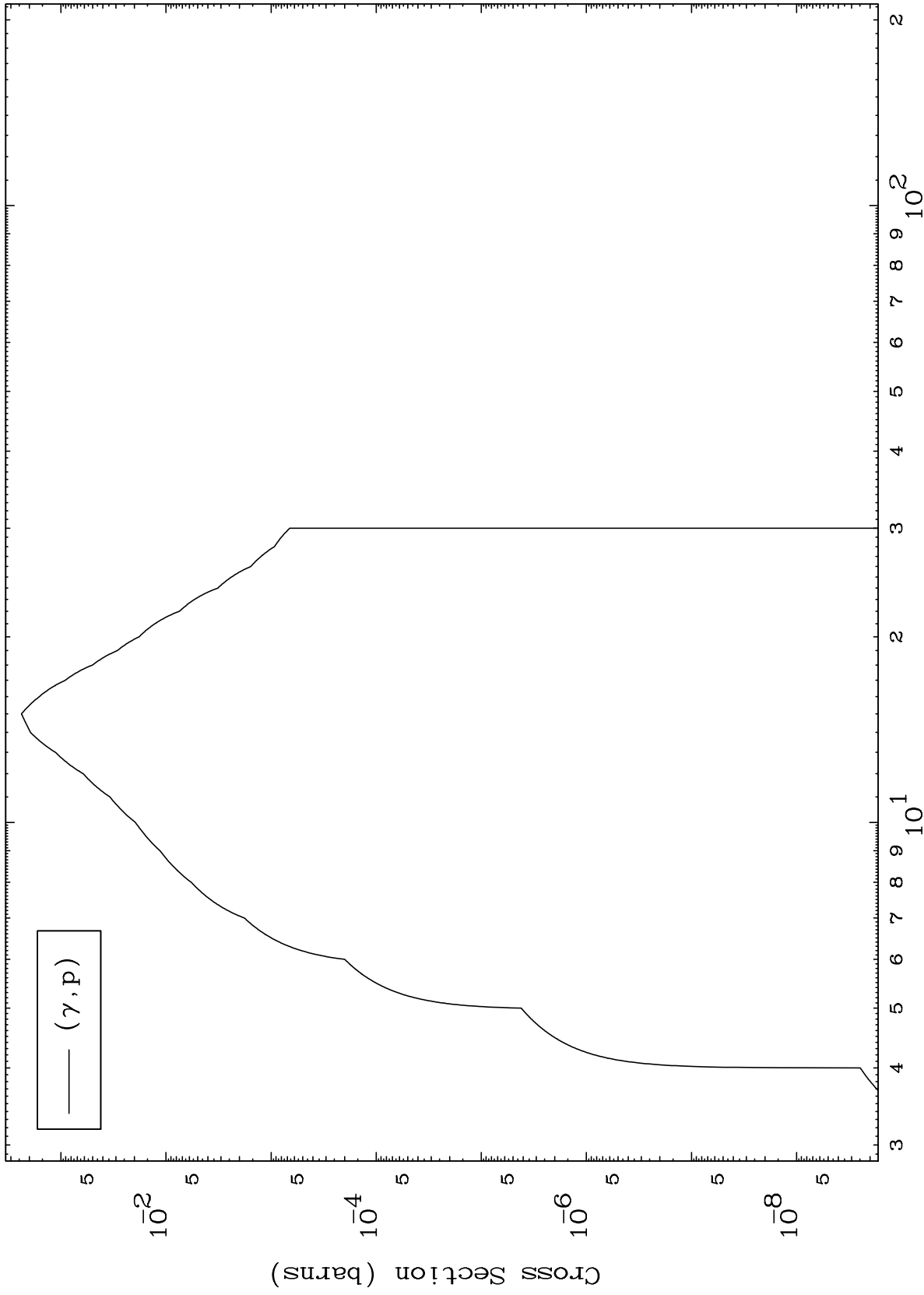
61-Pm-136



MAT 6117

(γ, p) Levels
0 Kelvin Cross Sections

61-Pm-136



6

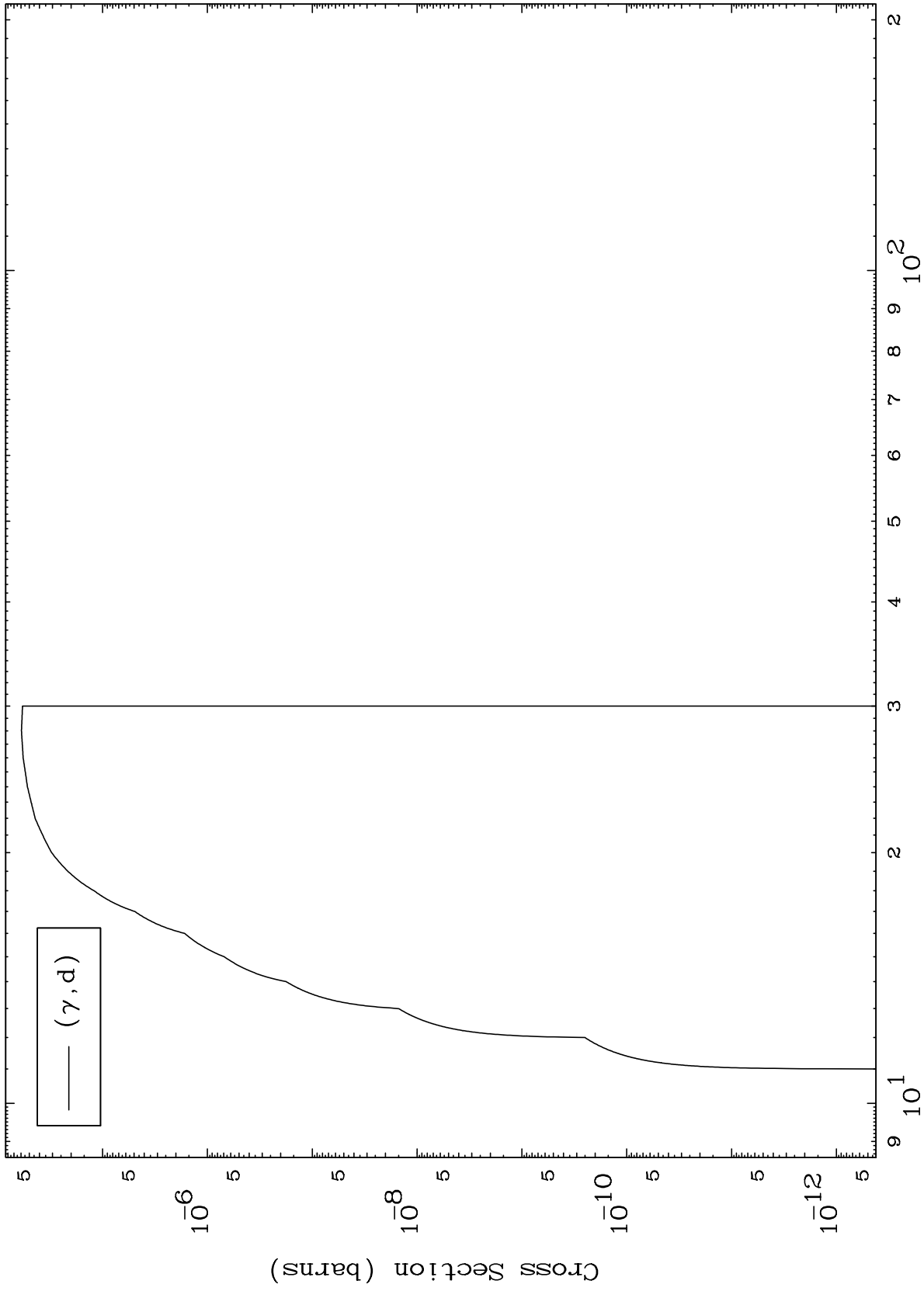
Incident Energy (MeV)

61-Pm-136

MAT 6117

(γ, d) Levels
0 Kelvin Cross Sections

61-Pm-136



γ

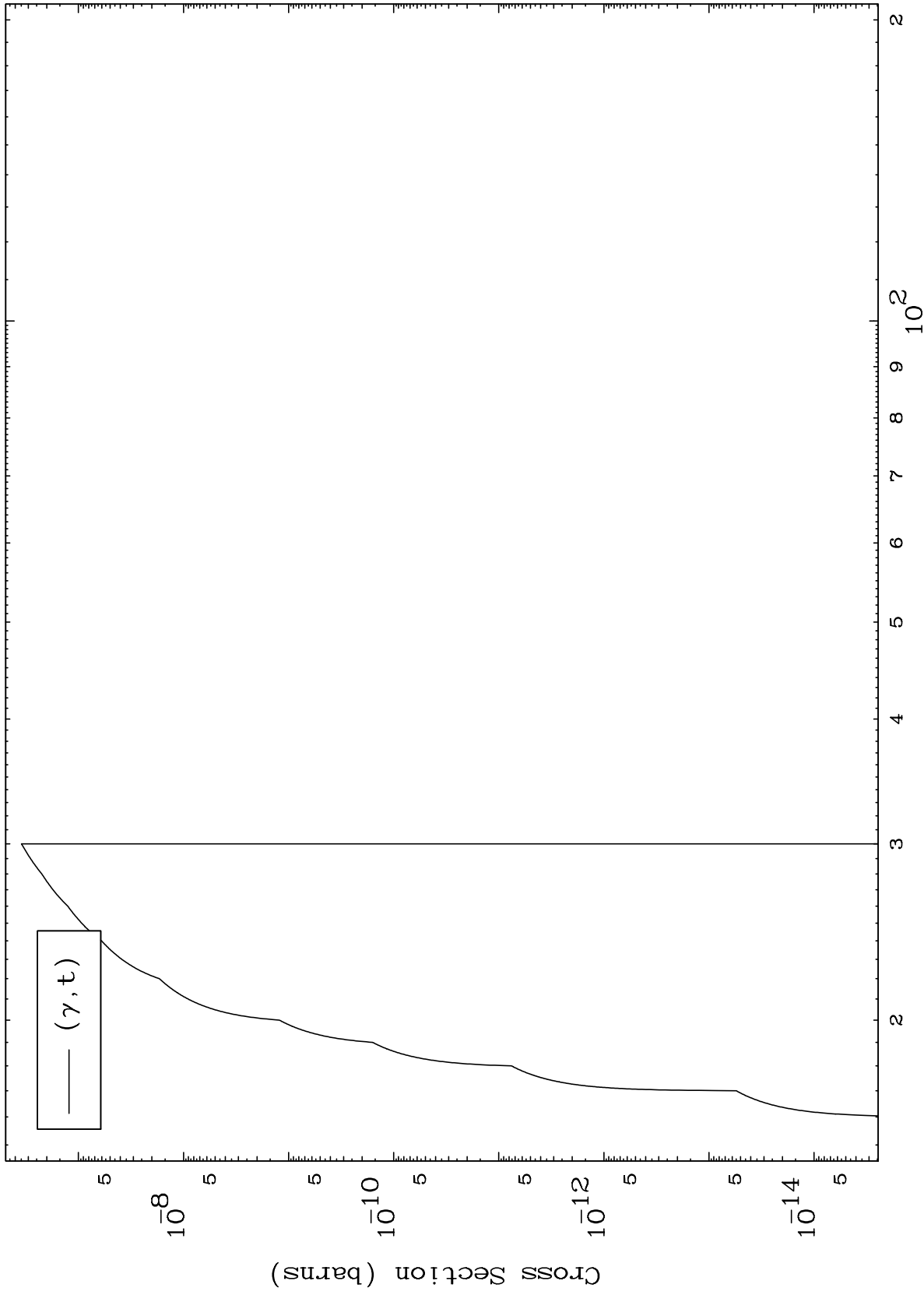
Incident Energy (MeV)

61-Pm-136

MAT 6117

(γ, t) Levels
0 Kelvin Cross Sections

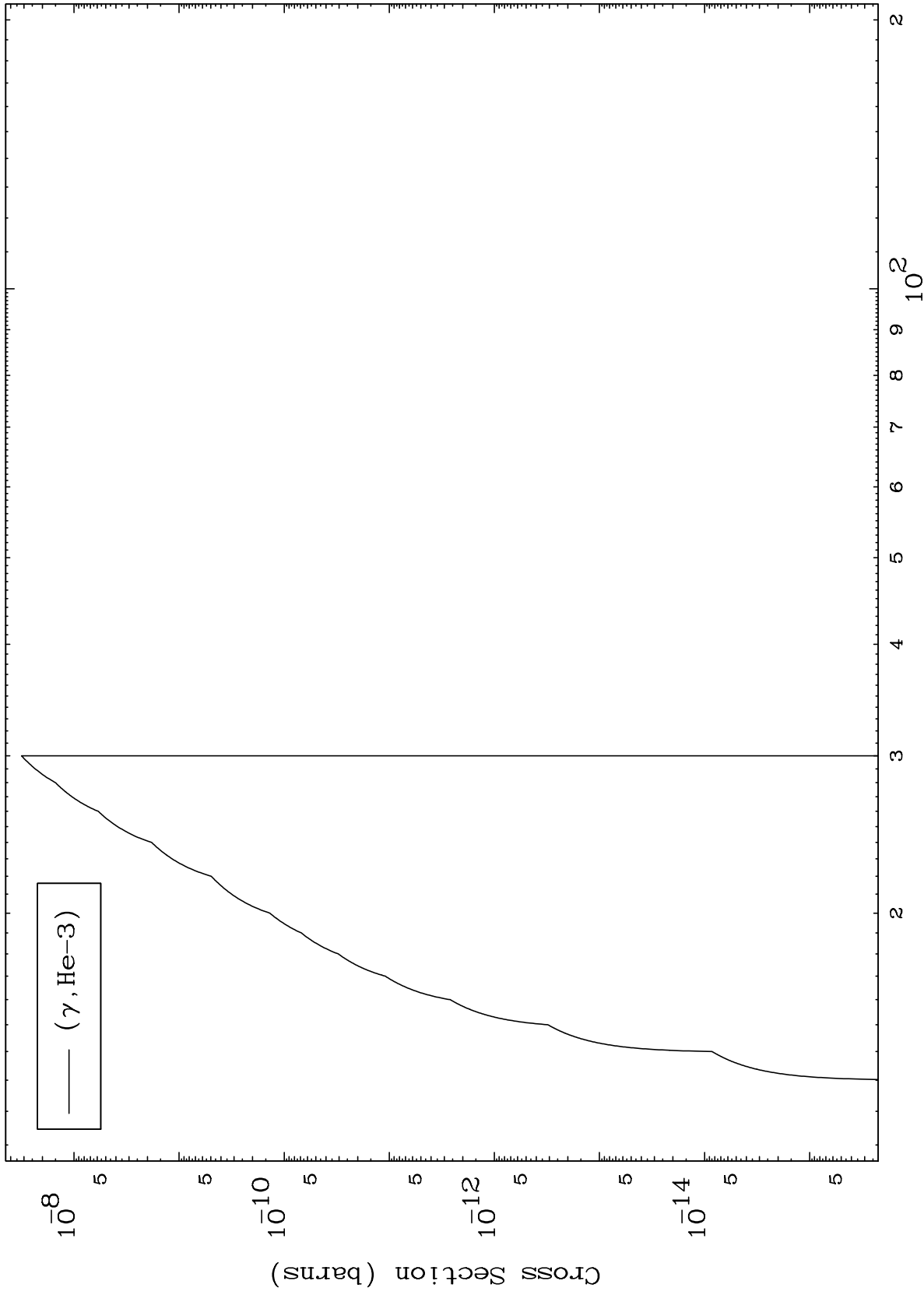
61-Pm-136



8

Incident Energy (MeV)

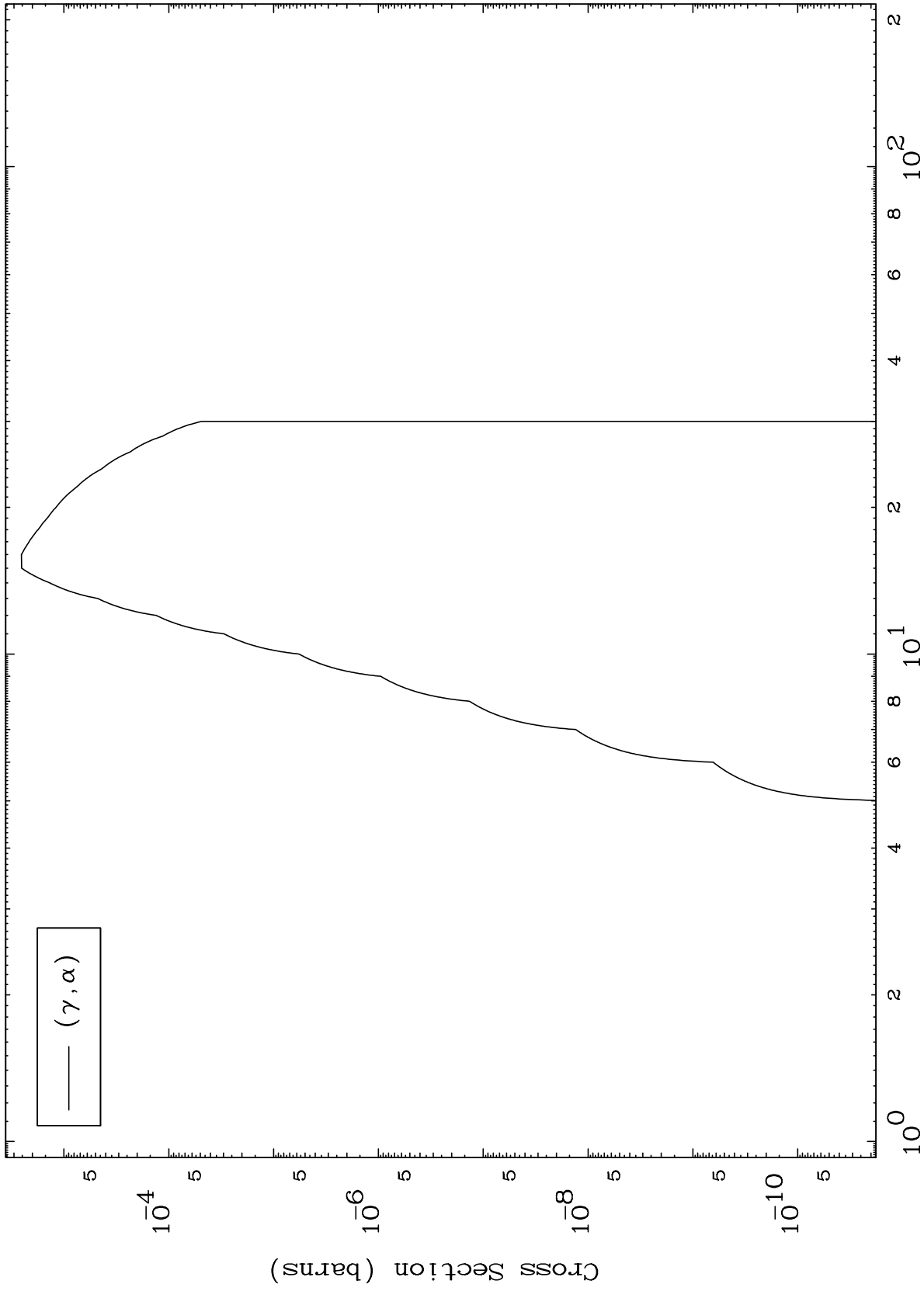
61-Pm-136



MAT 6117

(γ, α) Levels
0 Kelvin Cross Sections

61-Pm-136



Incident Energy (MeV)

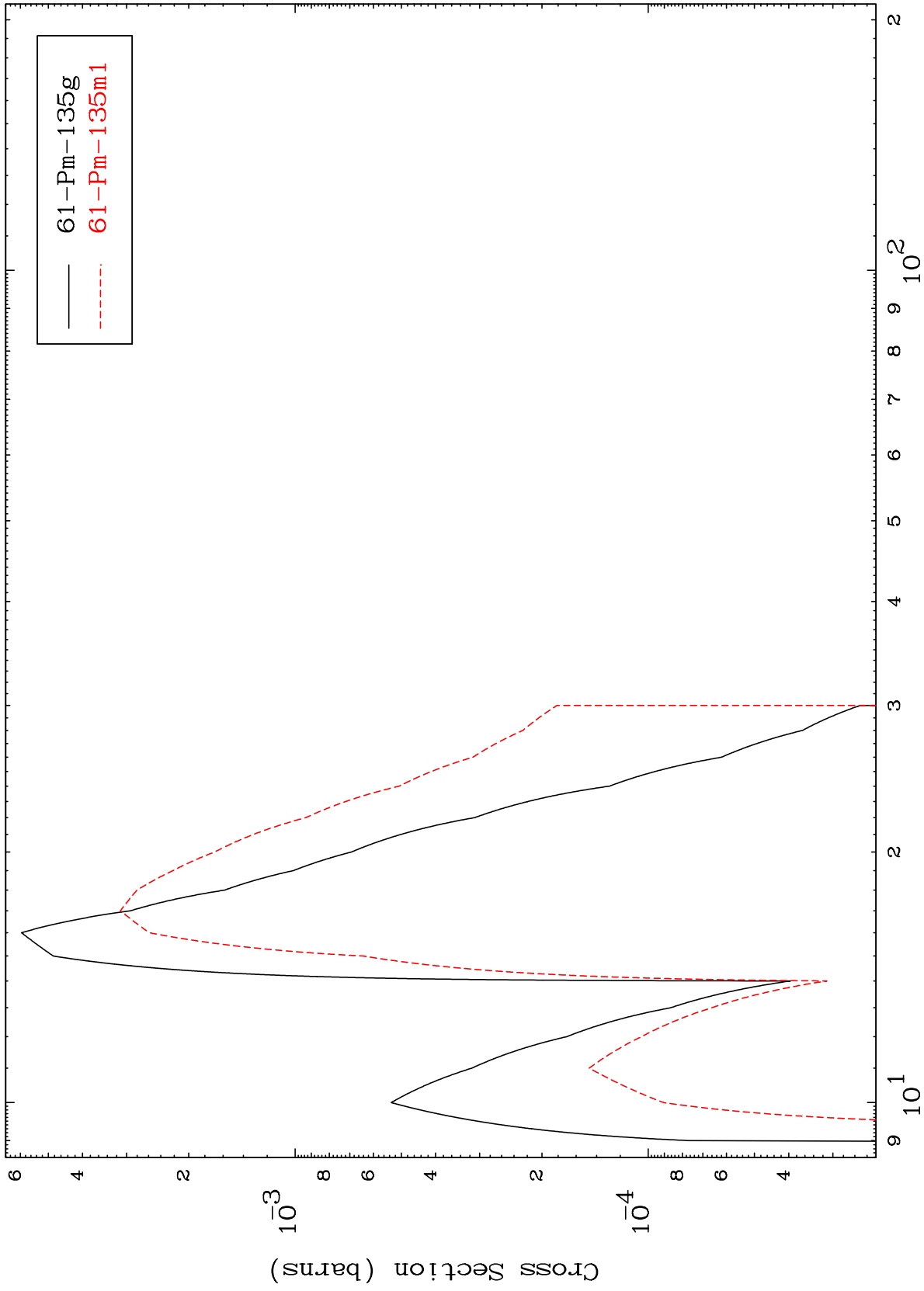
61-Pm-136

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Photon Inelastic

61-Pm-136

Radionuclide Production Cross Section



11

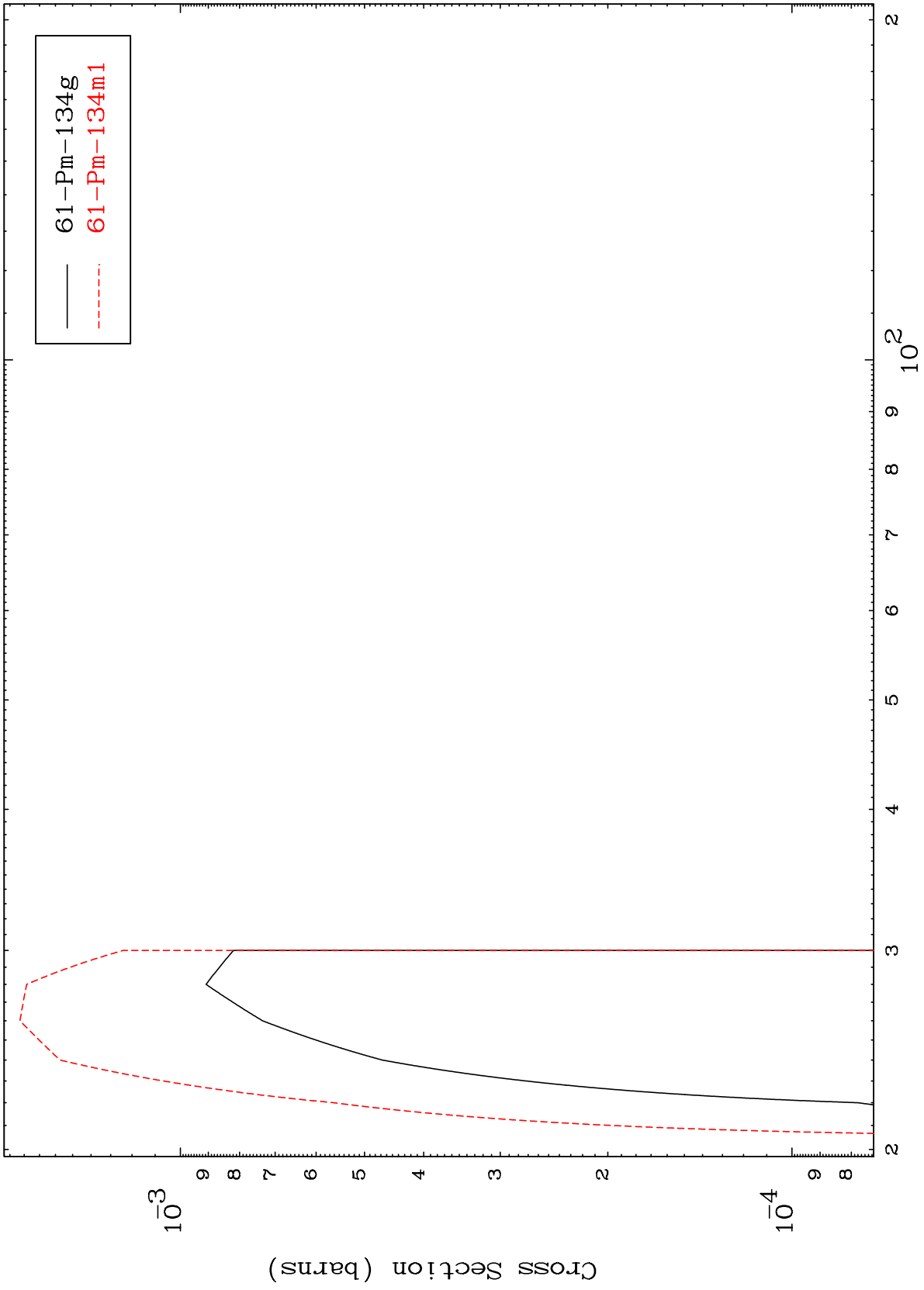
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

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



12

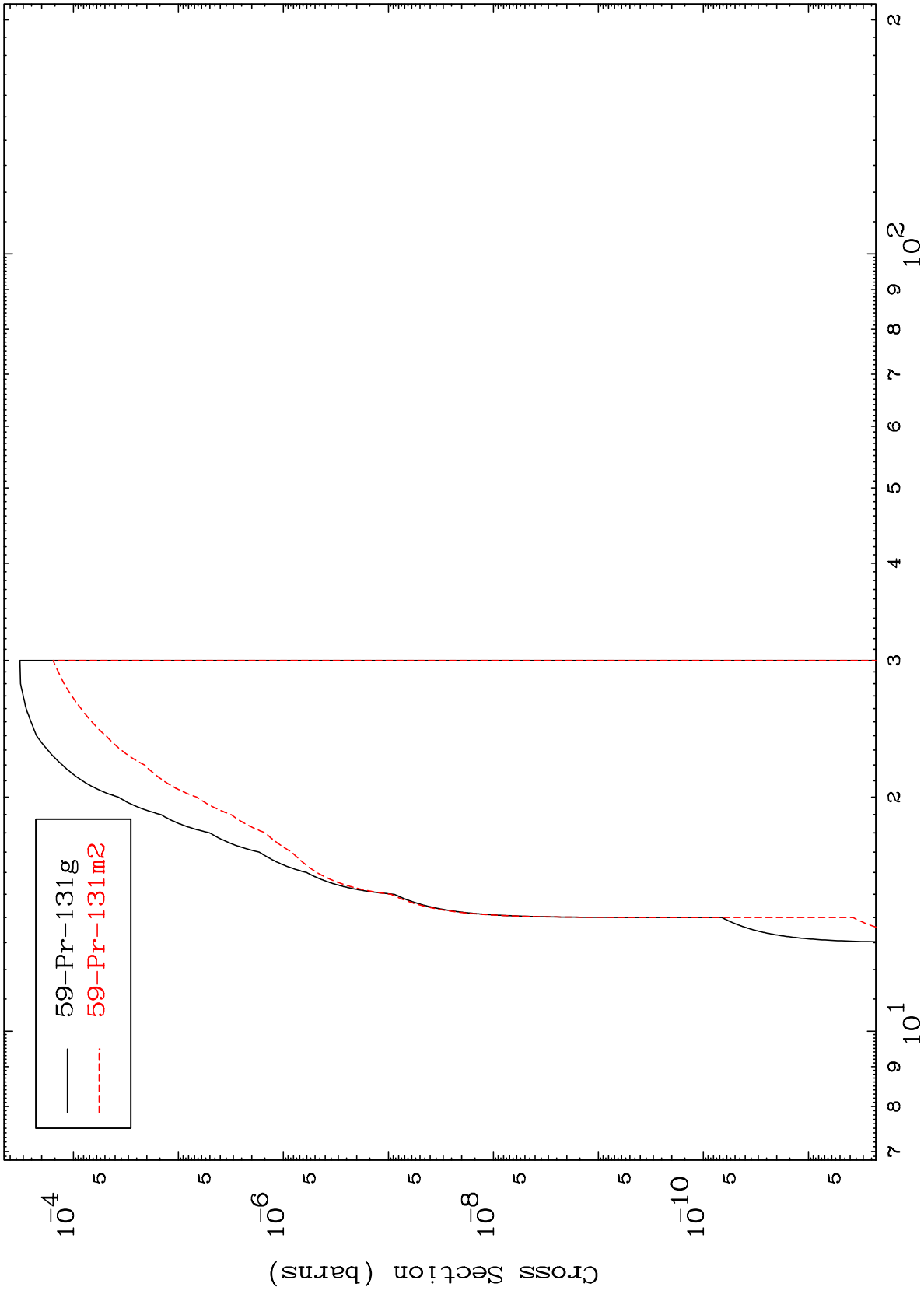
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

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



13

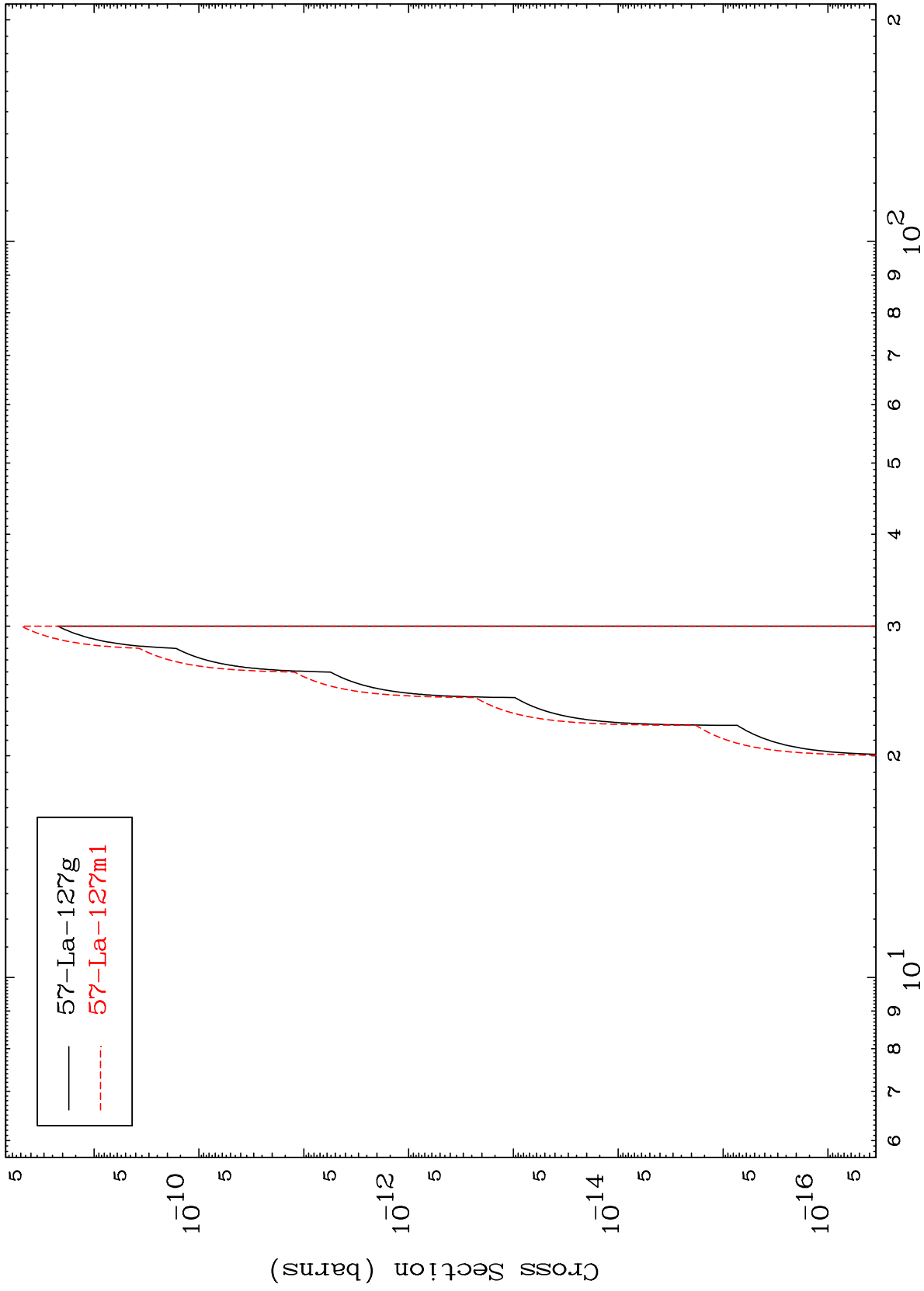
61-Pm-136

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(γ, n') 2α

61-Pm-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

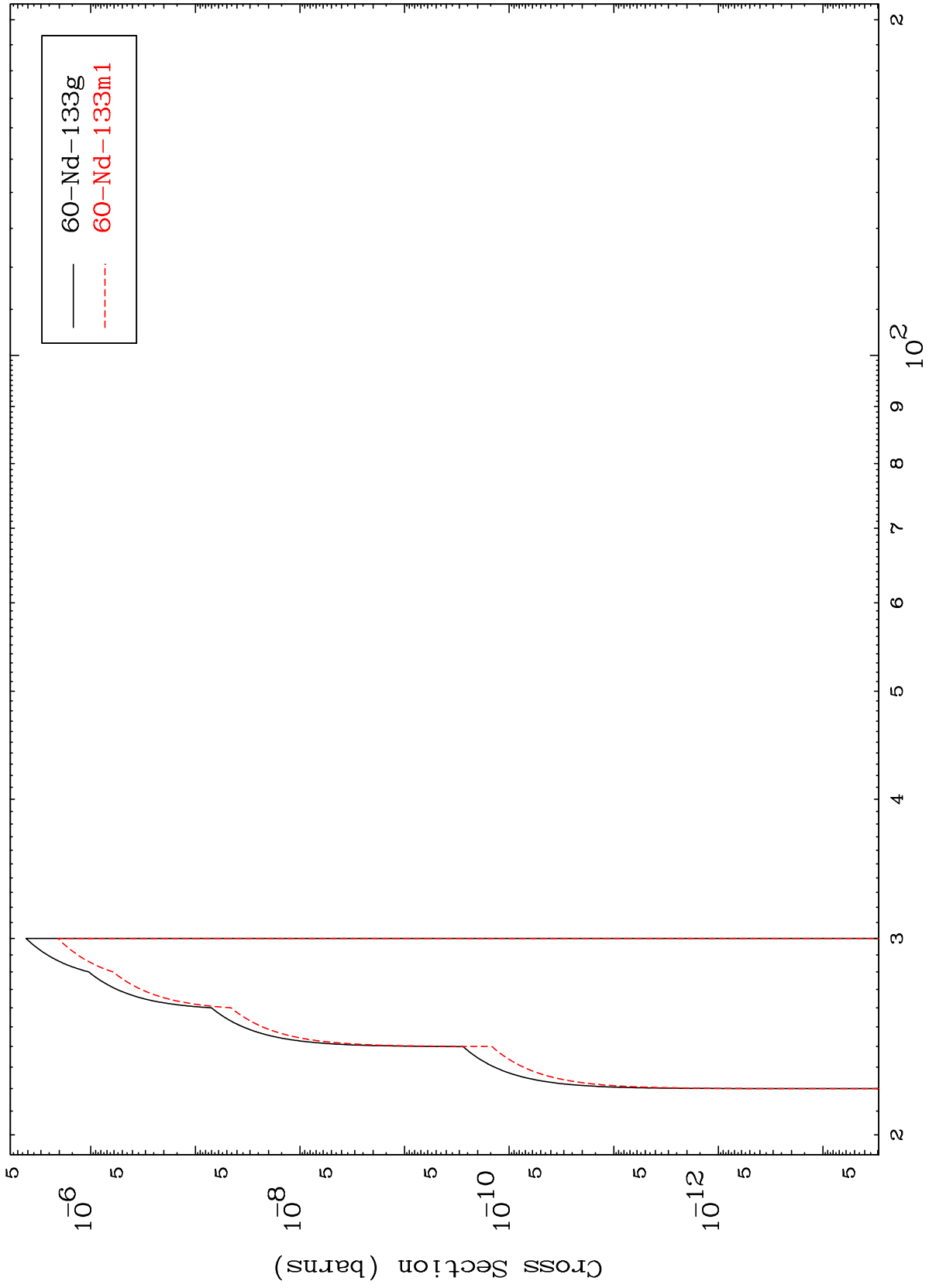
61-Pm-136

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(γ, n') d

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

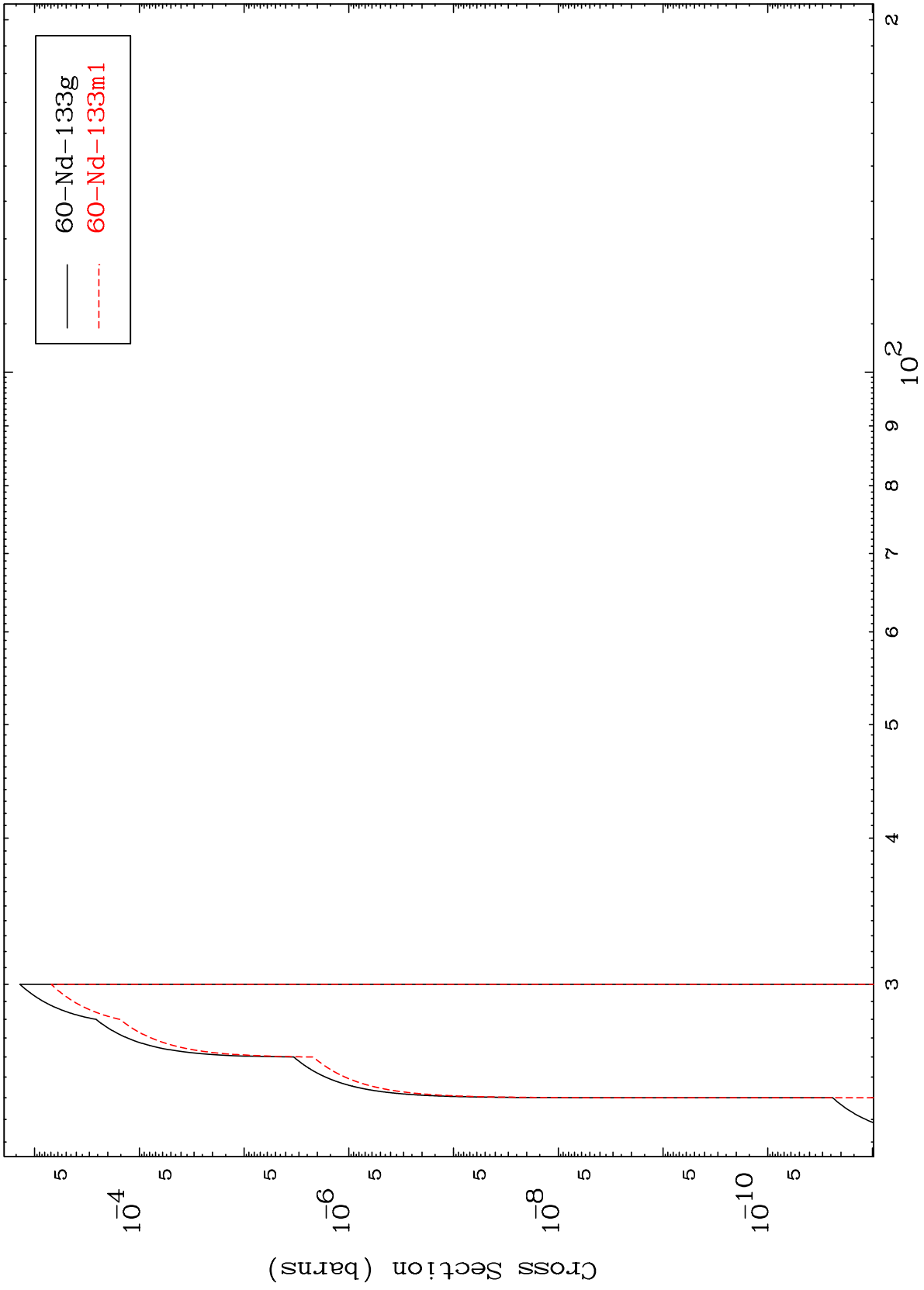
61-Pm-136

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($\gamma, 2n$) p

61-Pm-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

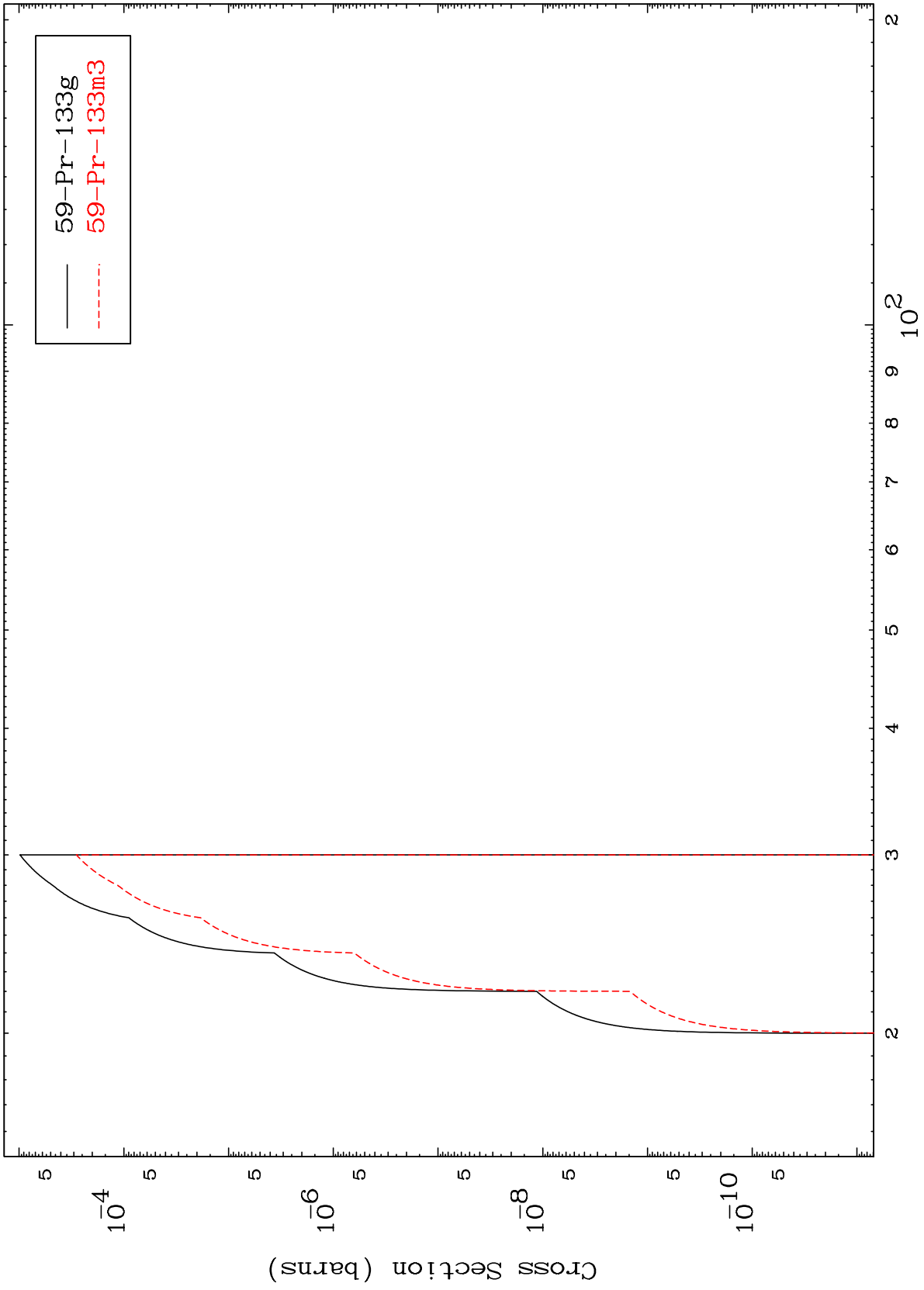
61-Pm-136

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$(\gamma, 2n)$ p

61-Pm-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

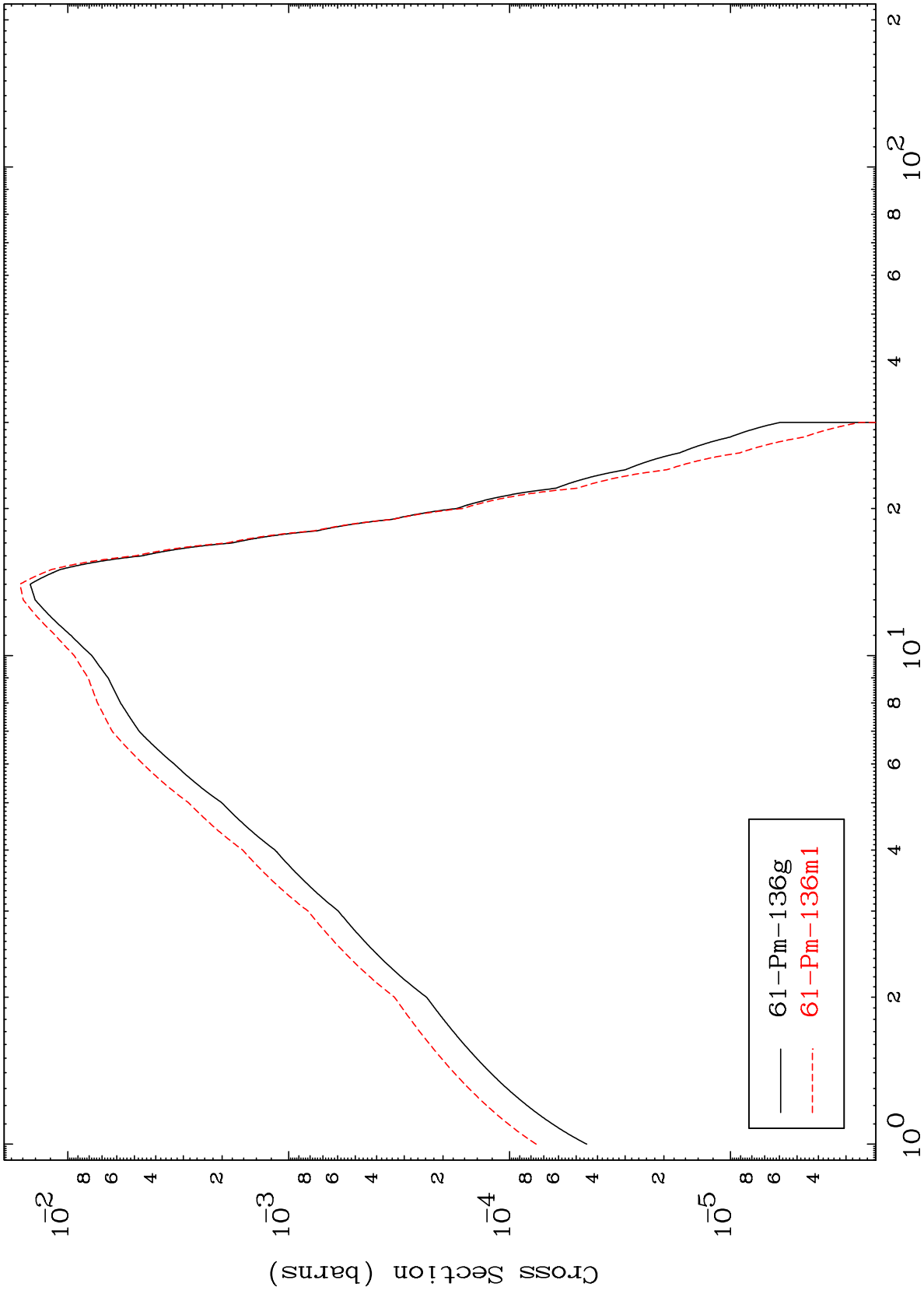
61-Pm-136

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61-Pm-136

Radionuclide Production Cross Section

(γ, γ)

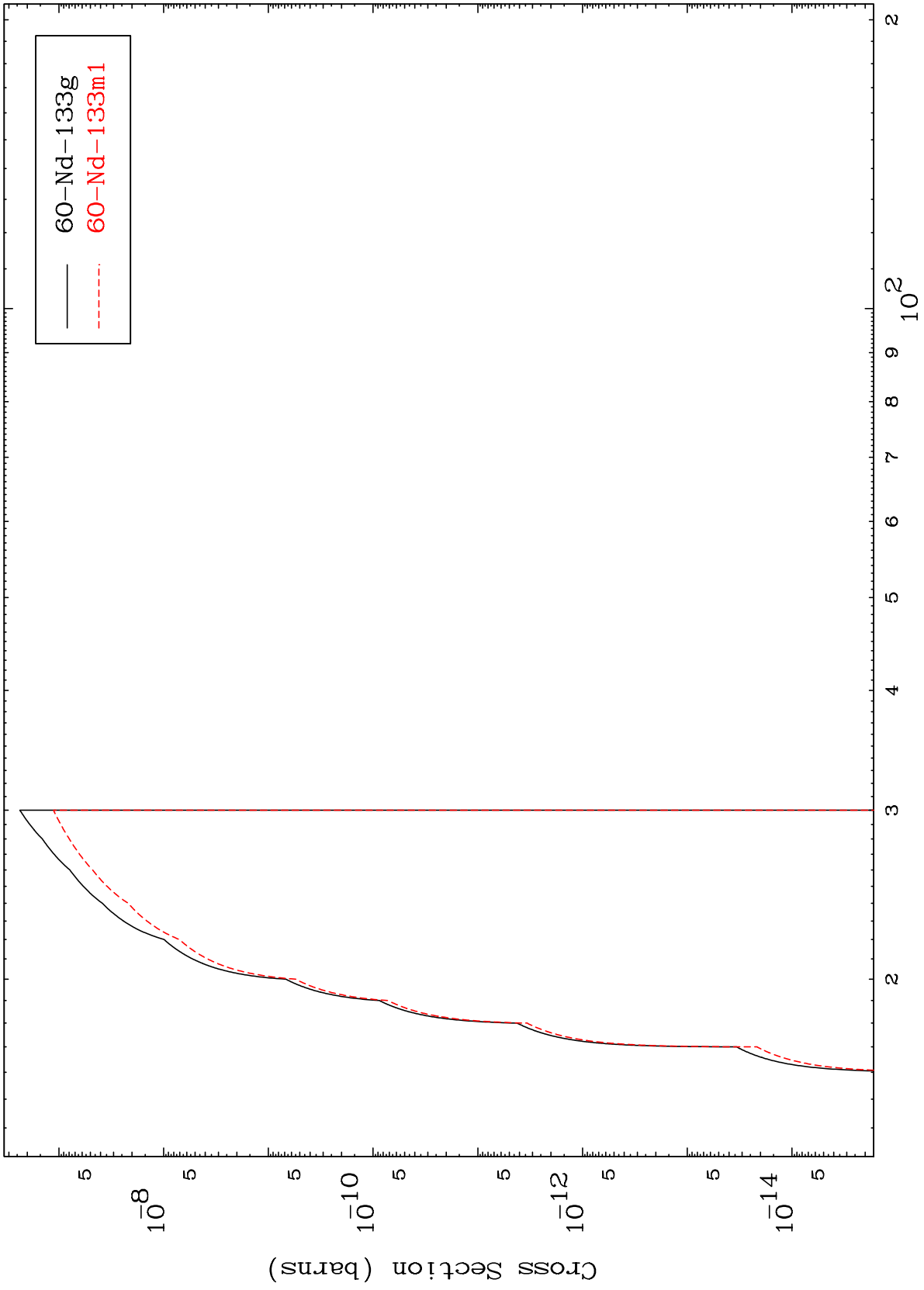


Incident Energy (MeV)

61-Pm-136

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

Radionuclide Production Cross Section

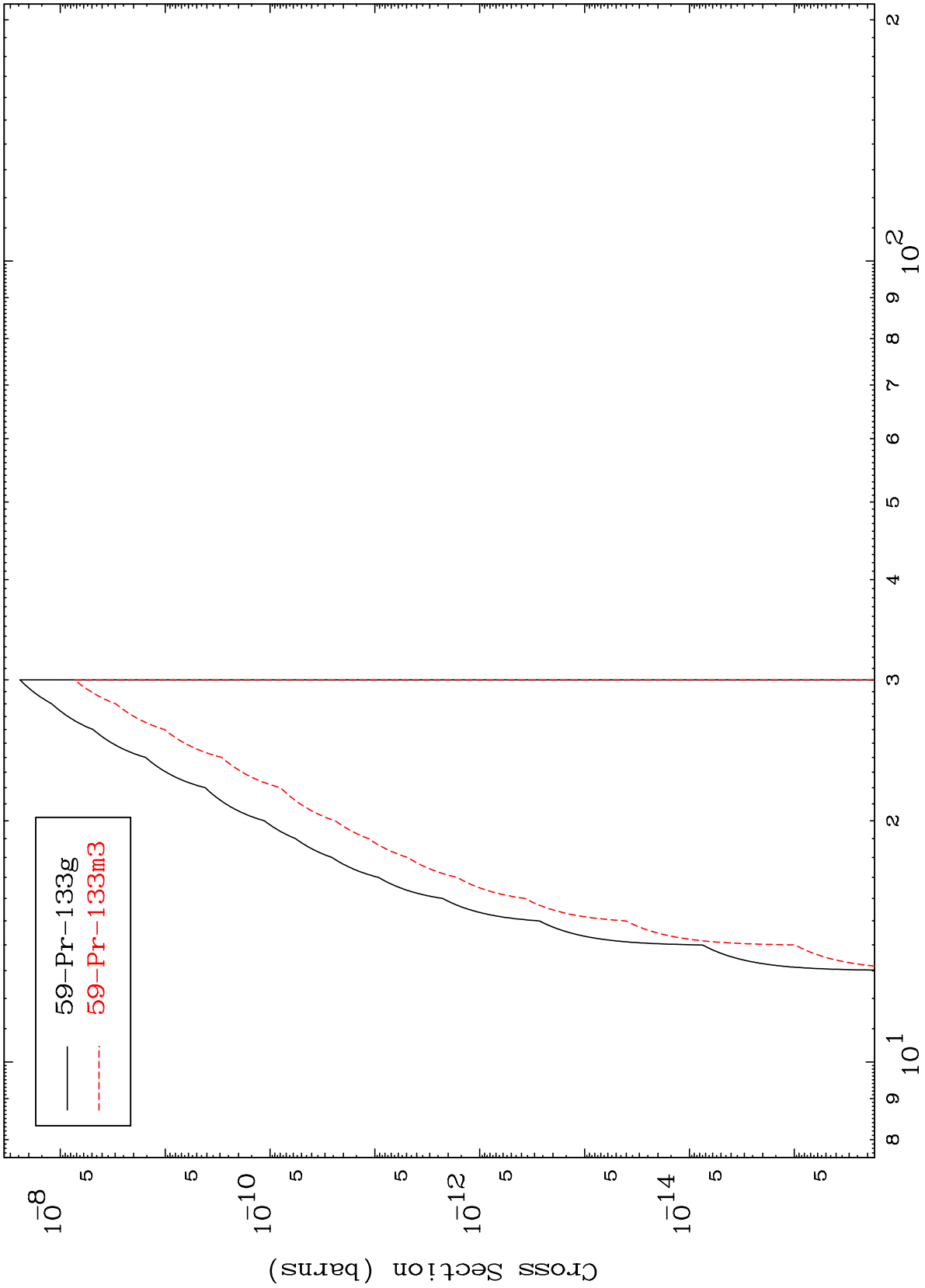


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($\gamma, \text{He-3}$)

61-Pm-136

Radionuclide Production Cross Section



20

Incident Energy (MeV)

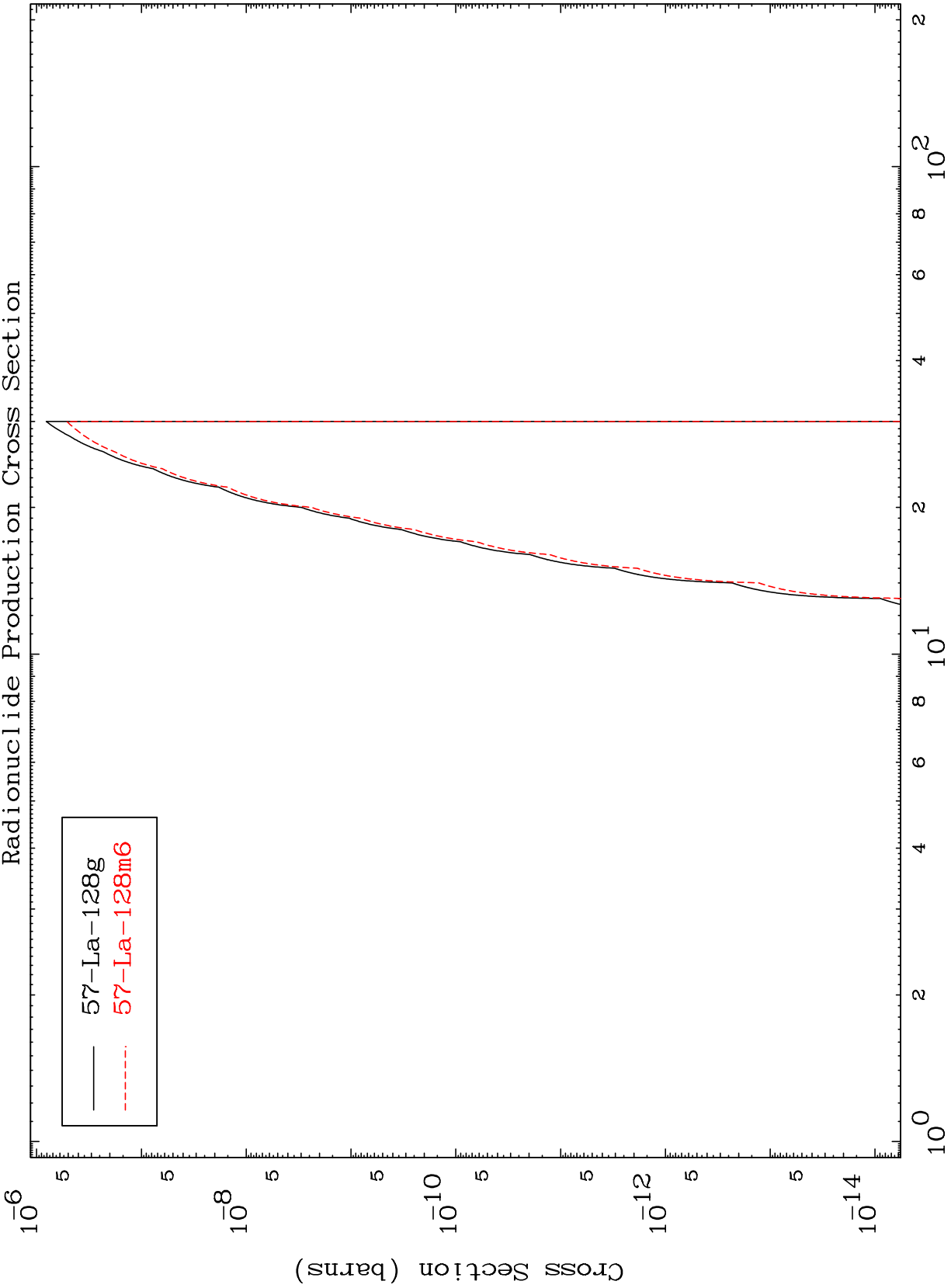
61-Pm-136

MAT 6117

($\gamma, 2\alpha$)

61-Pm-136

Radionuclide Production Cross Section



21

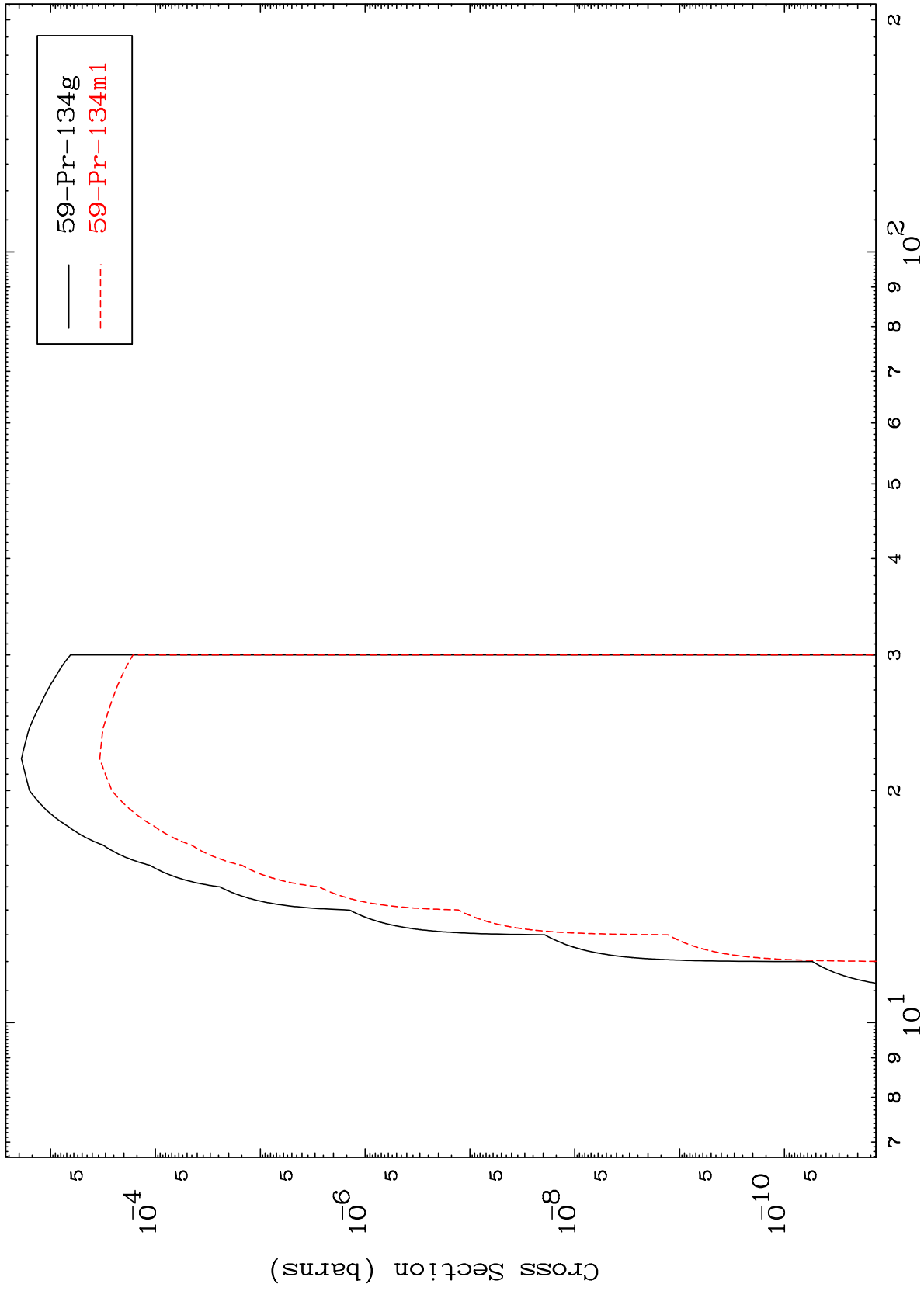
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

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



22

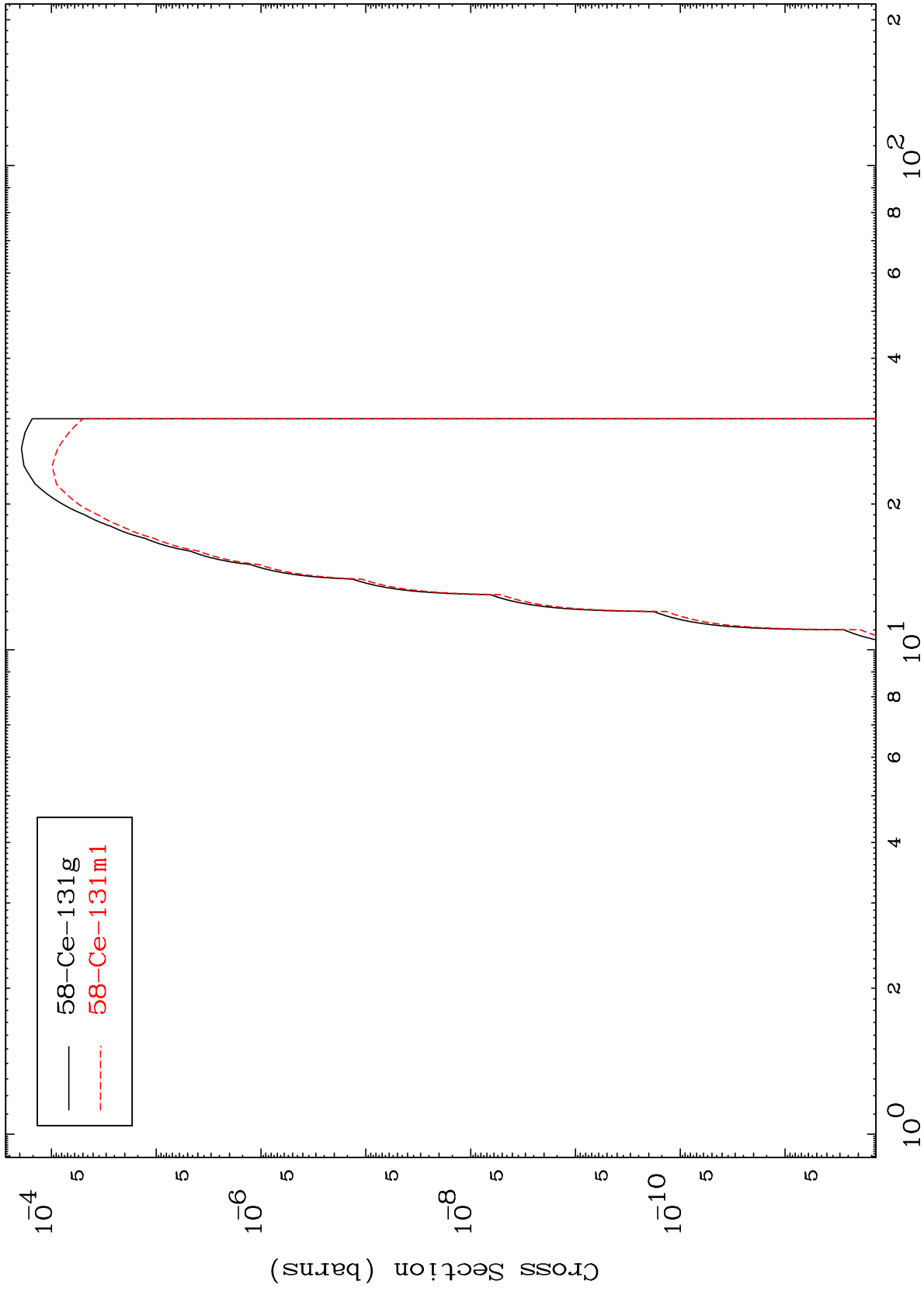
61-Pm-136

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(γ, p) α

61-Pm-136

Radionuclide Production Cross Section



23

Incident Energy (MeV)

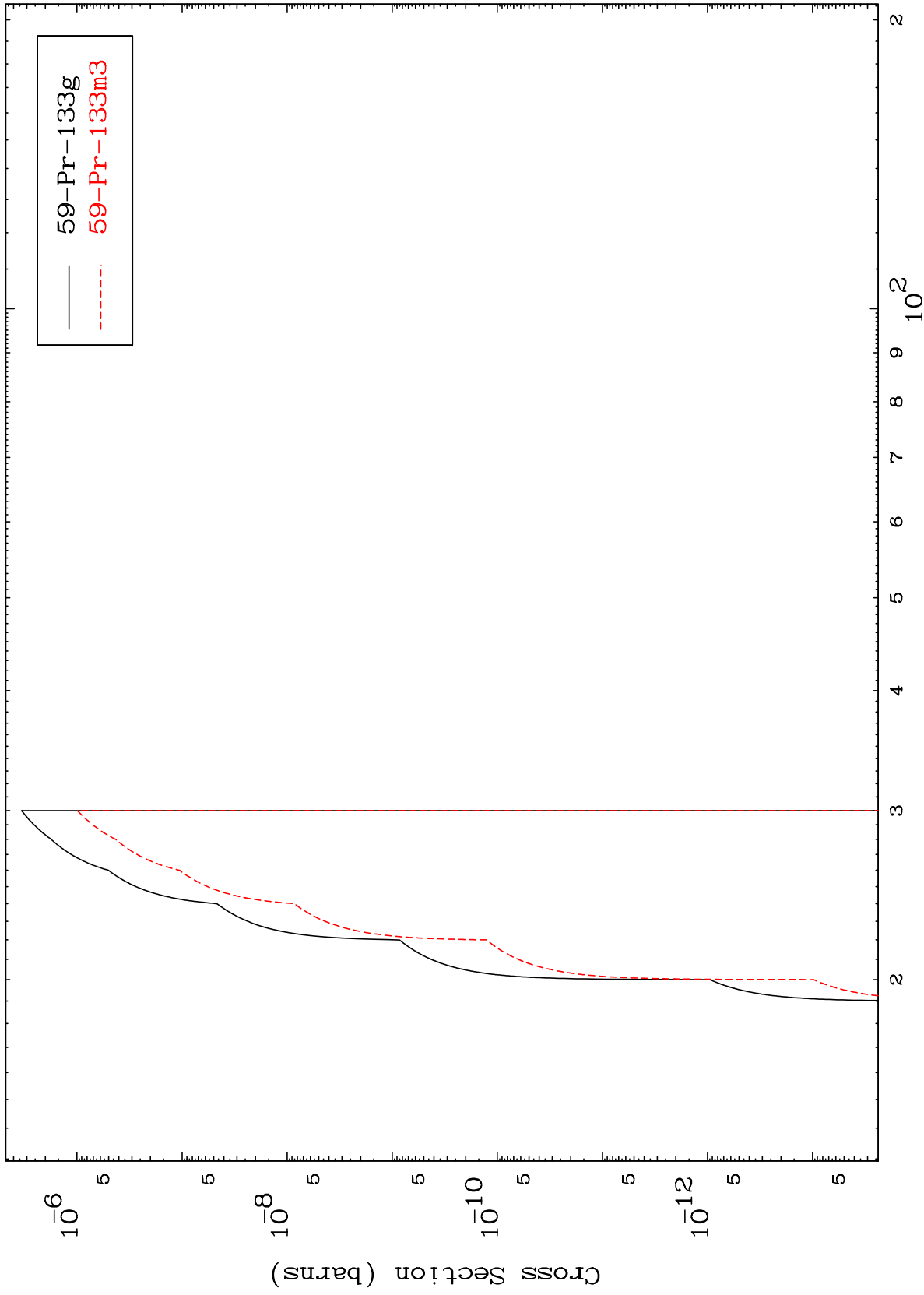
61-Pm-136

MAT 6117

(γ, p) d

61-Pm-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-136