

Program EVALPLOT
(Version 2017-1)

by

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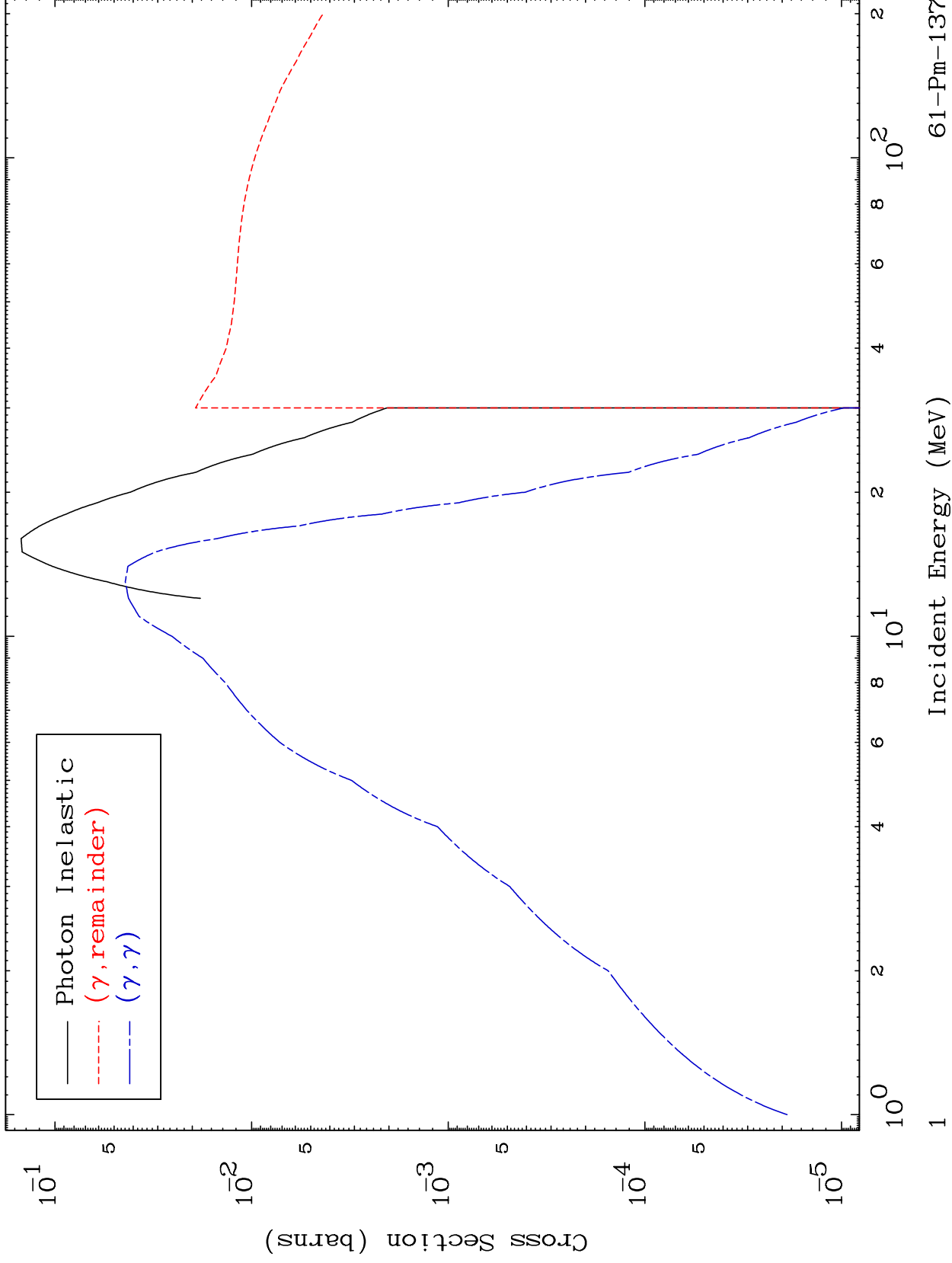
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6119

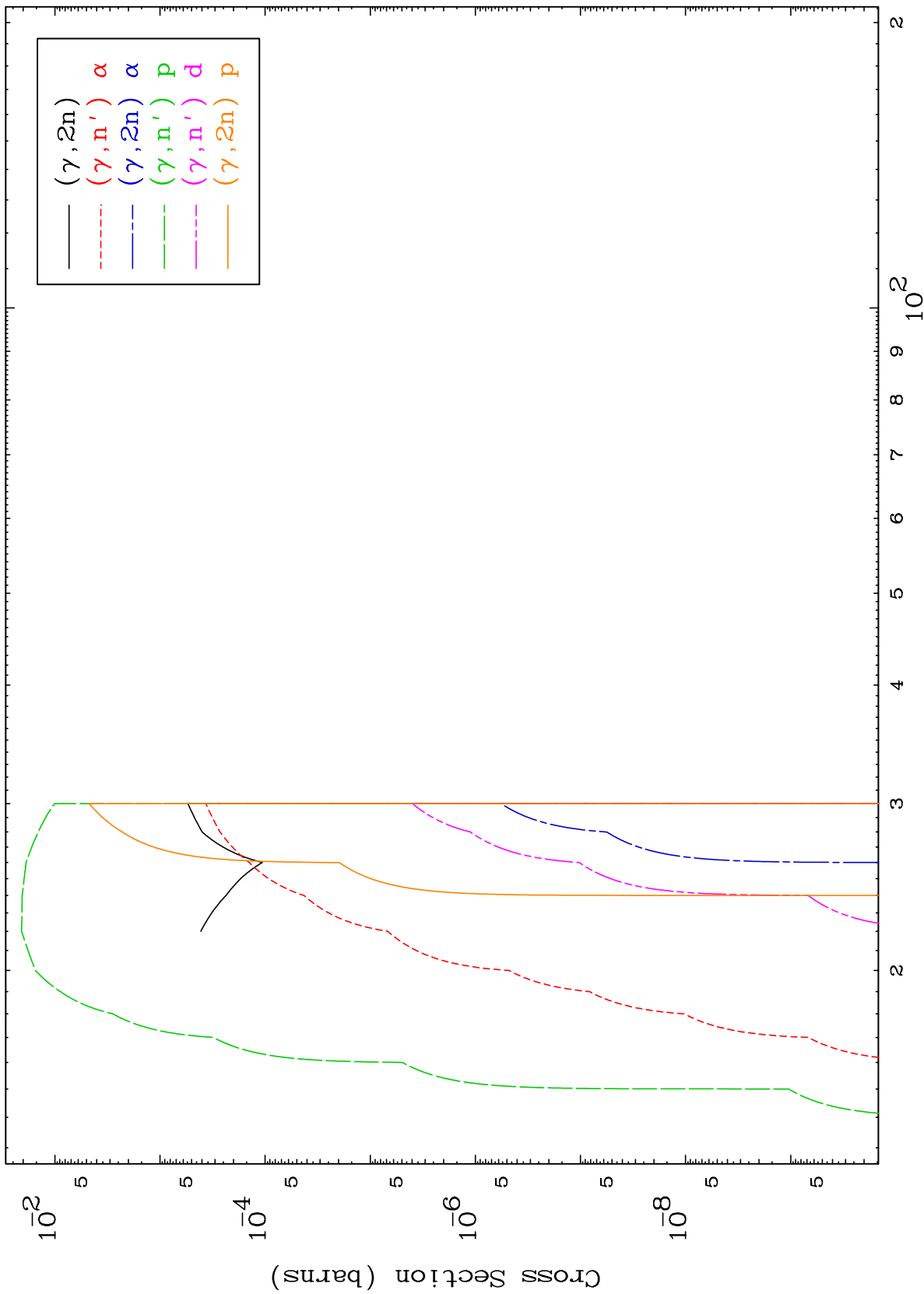
Photon Major
0 Kelvin Cross Sections

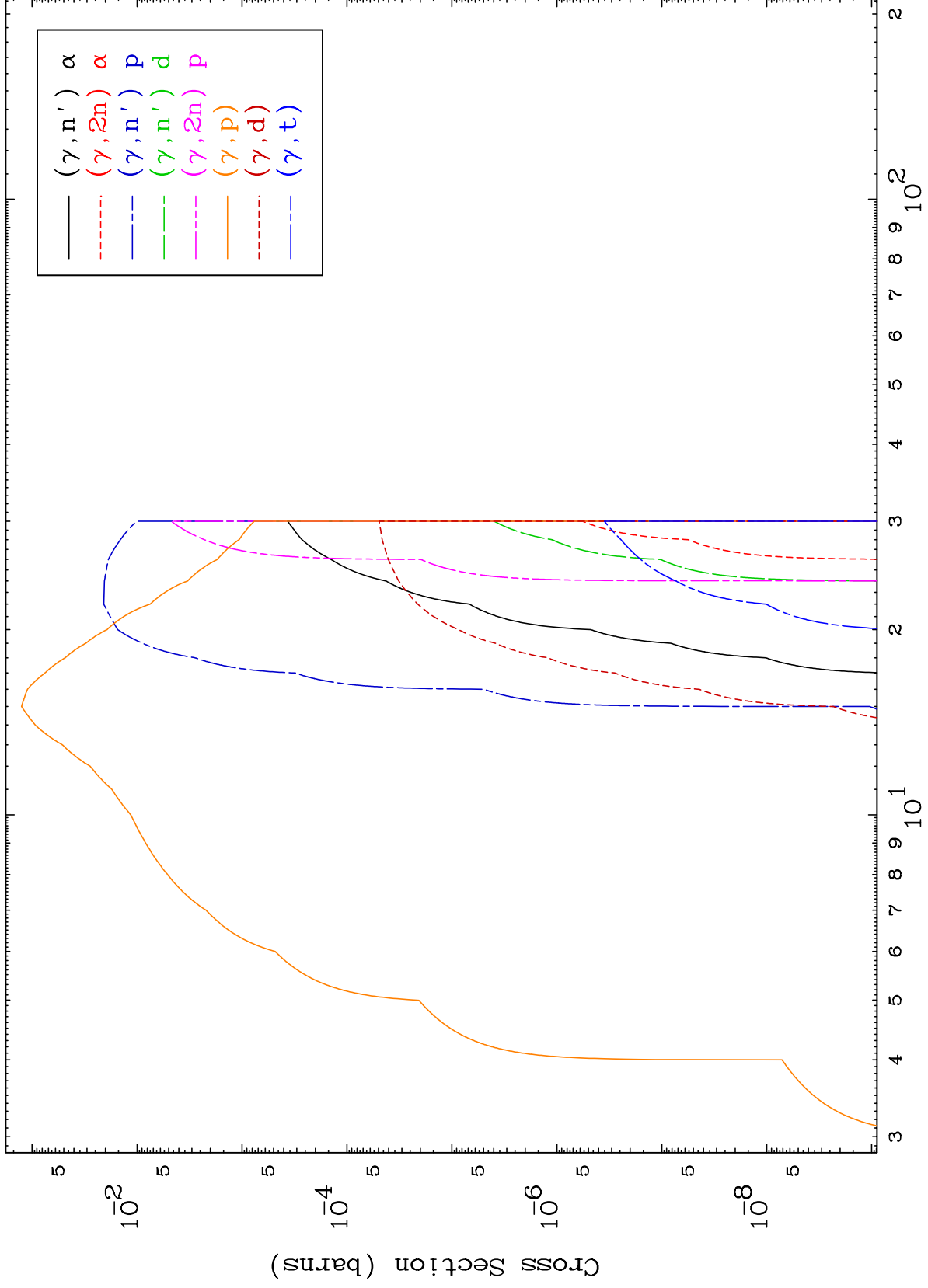
61-Pm-137



61-Pm-137

Incident Energy (MeV)

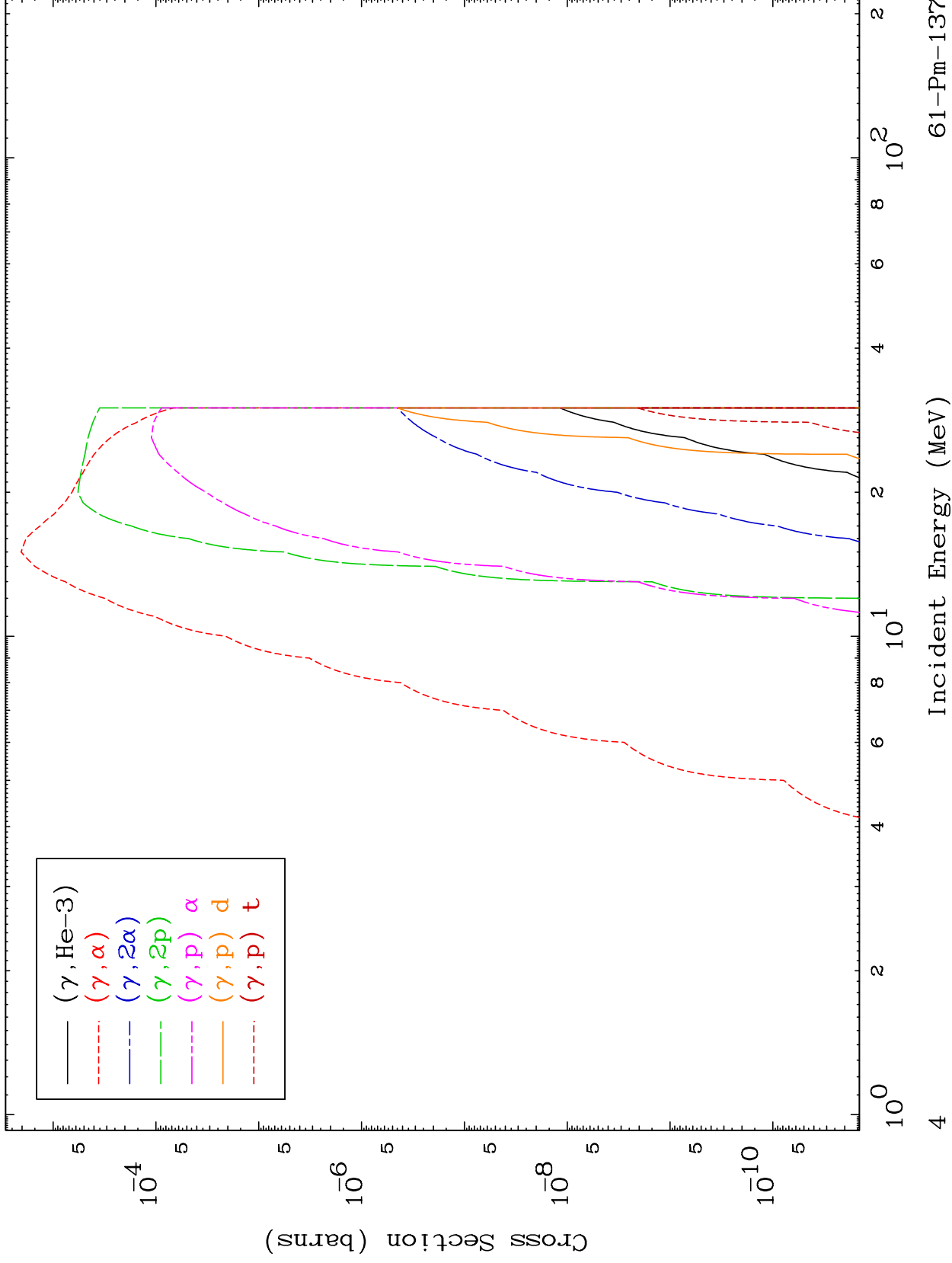




MAT 6119

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-137

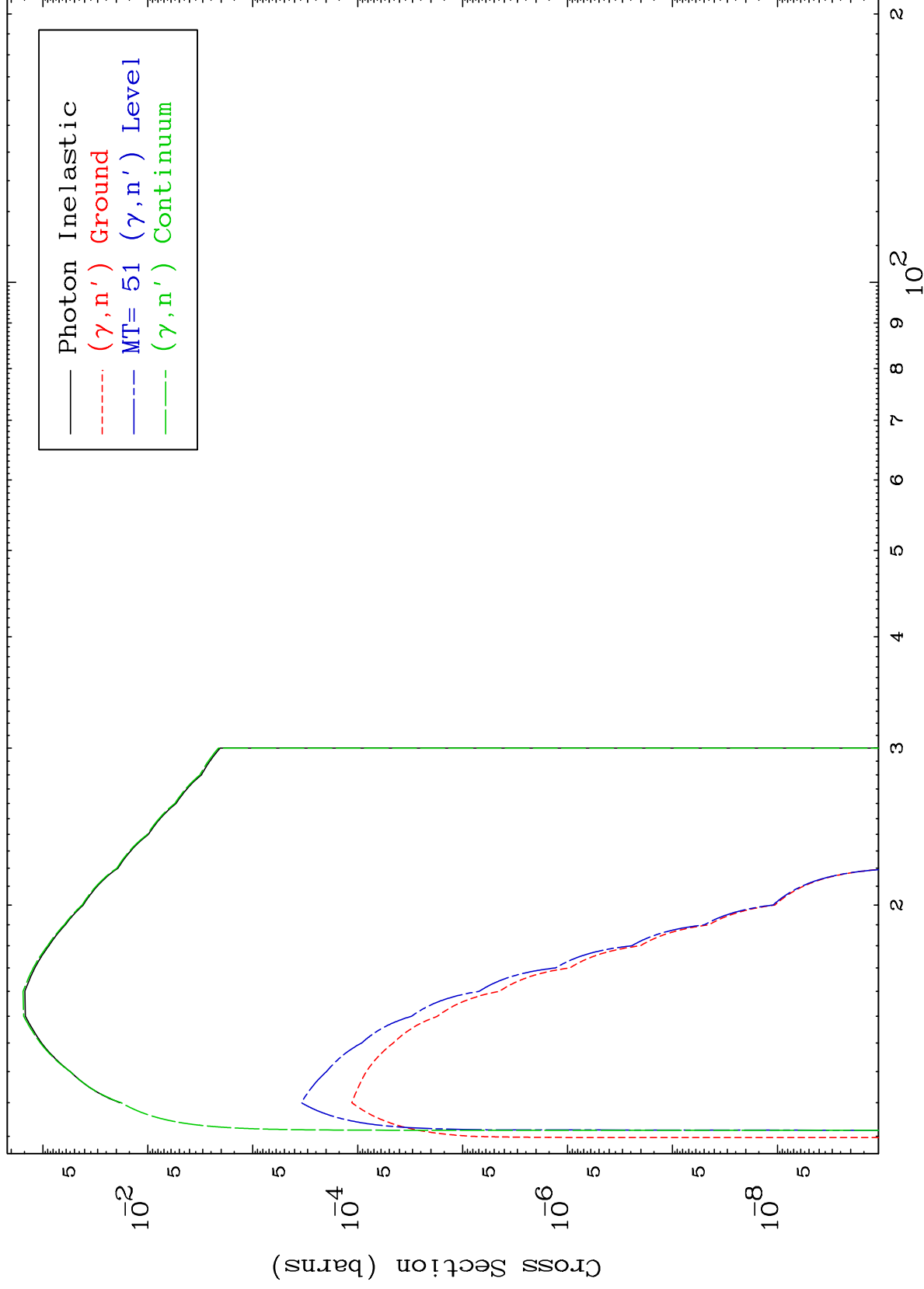


MAT 6119

(γ, n') Level

61-Pm-137

0 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-137

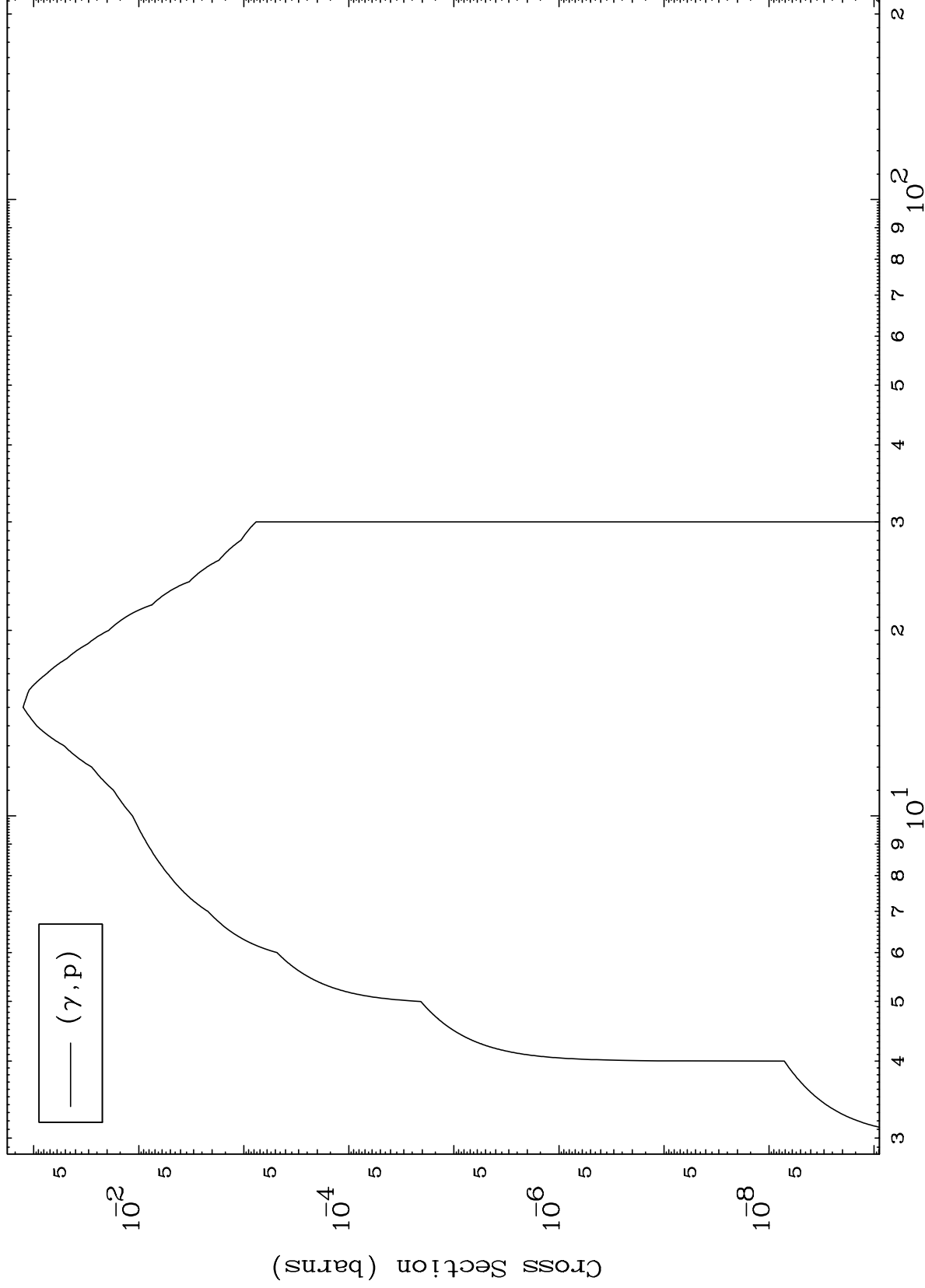
5

MAT 6119

(γ, p) Levels

61-Pm-137

0 Kelvin Cross Sections



Incident Energy (MeV)

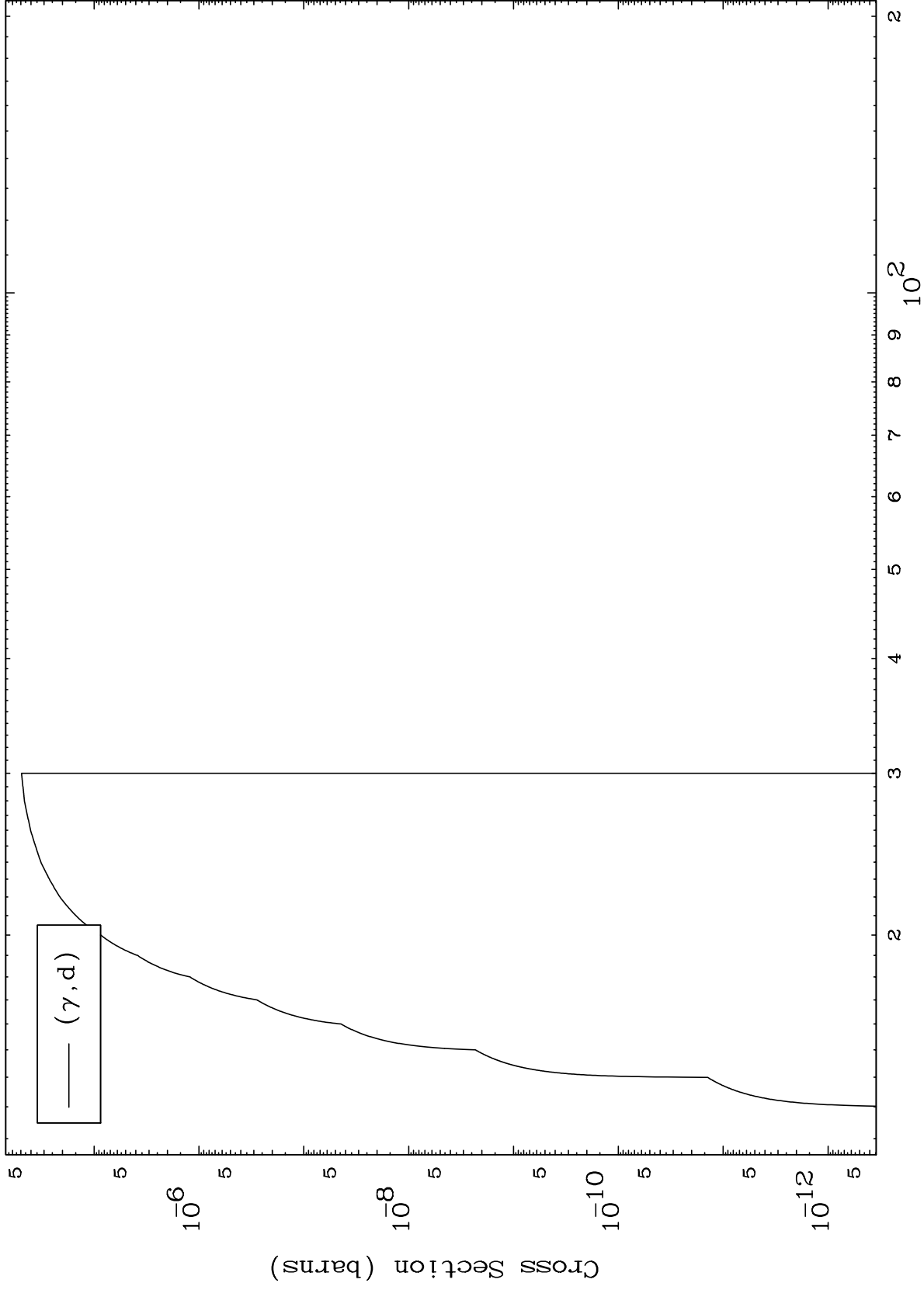
61-Pm-137

6

MAT 6119

(γ, d) Levels
0 Kelvin Cross Sections

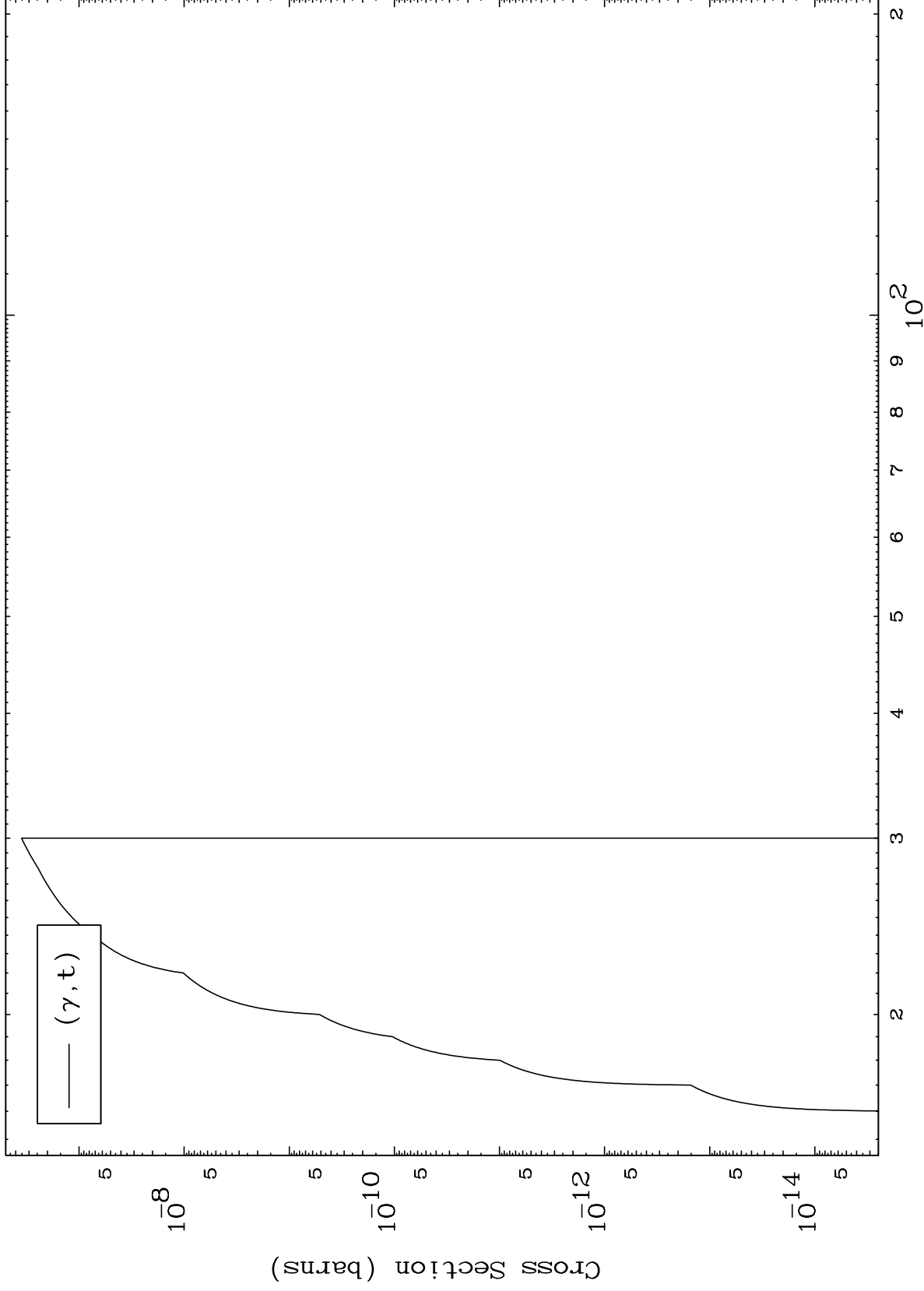
61-Pm-137



MAT 6119

(γ, t) Levels
0 Kelvin Cross Sections

61-Pm-137

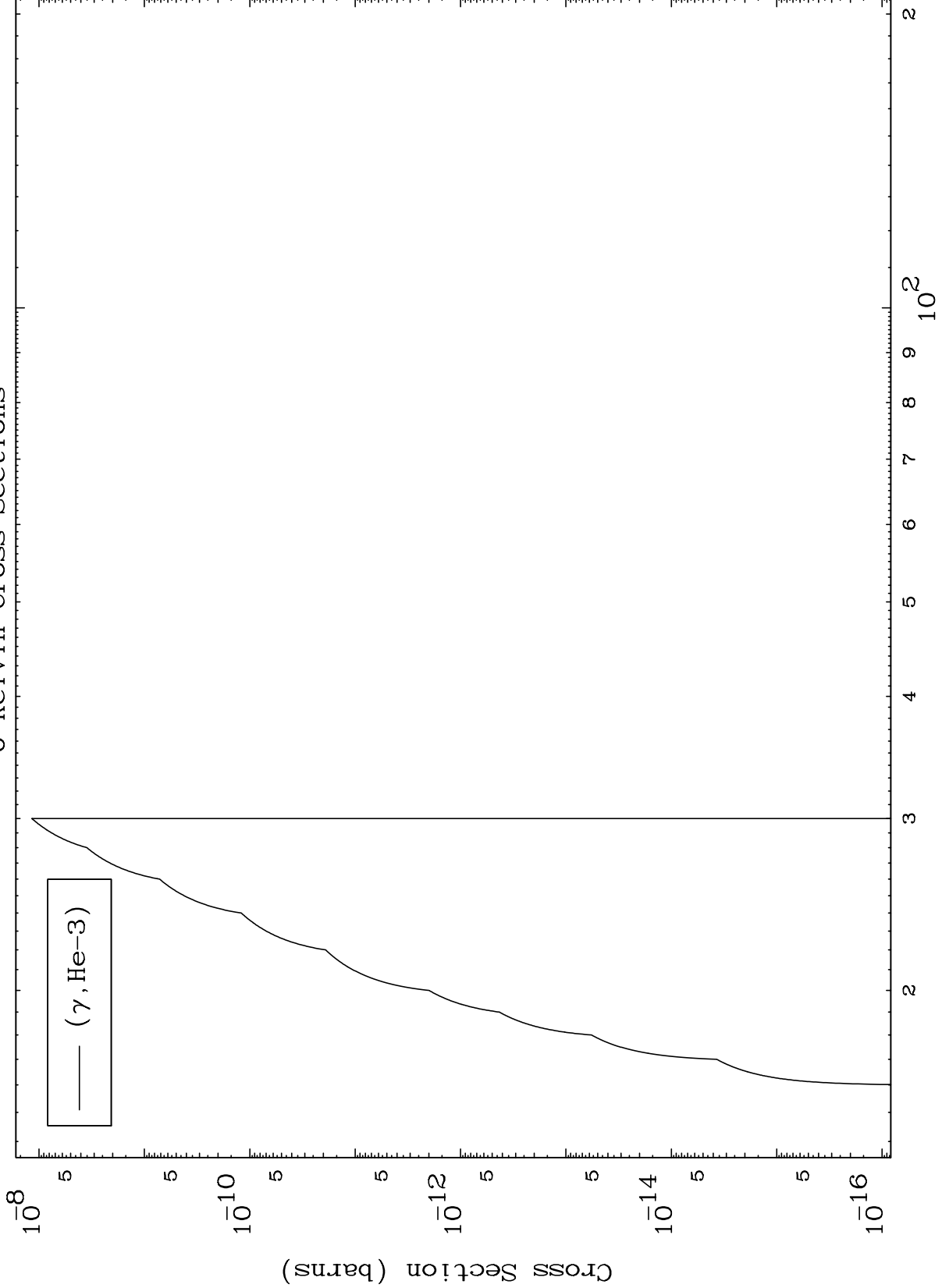


8

Incident Energy (MeV)

61-Pm-137

0 Kelvin Cross Sections

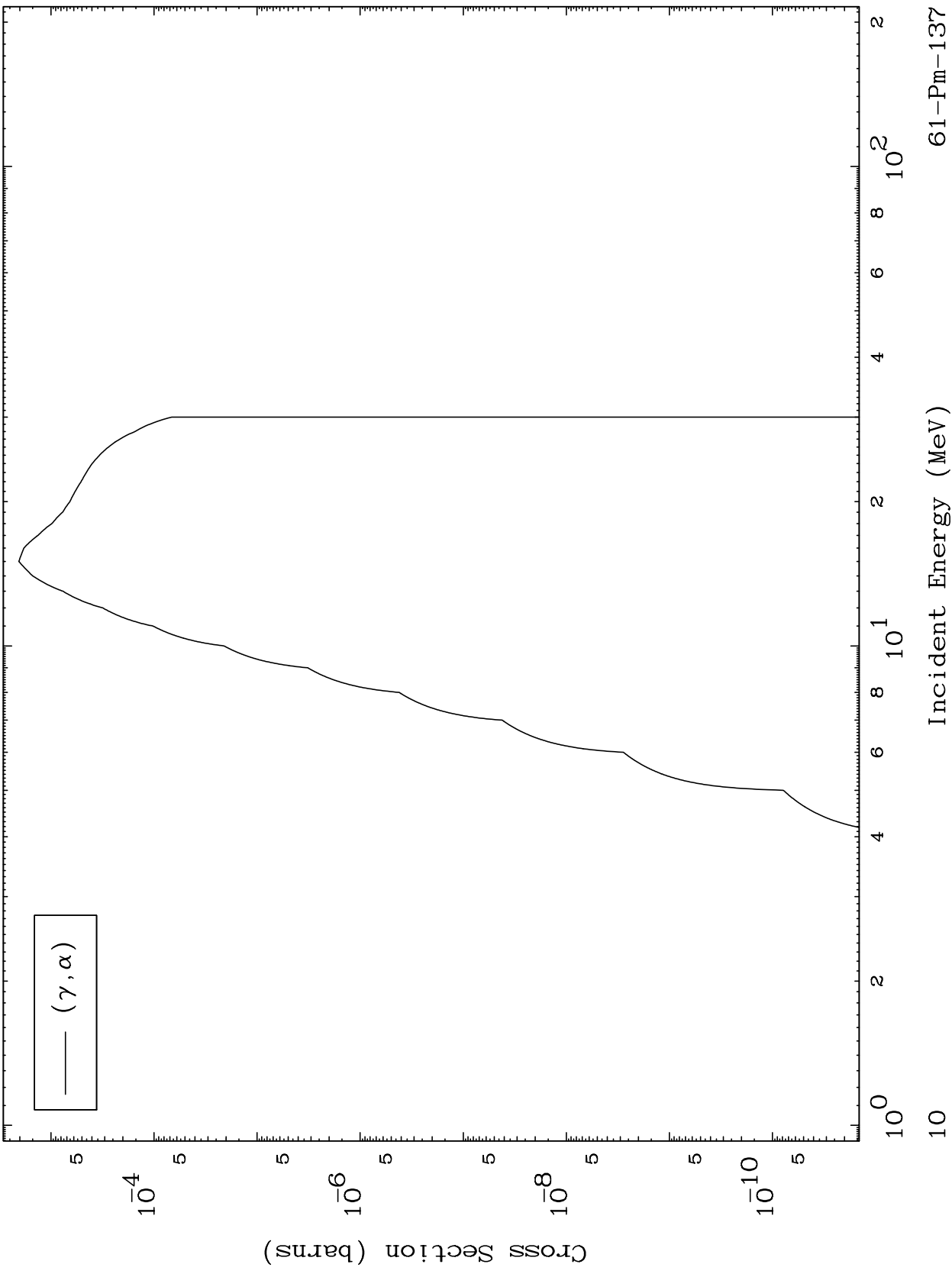


MAT 6119

(γ, α) Levels

61-Pm-137

0 Kelvin Cross Sections



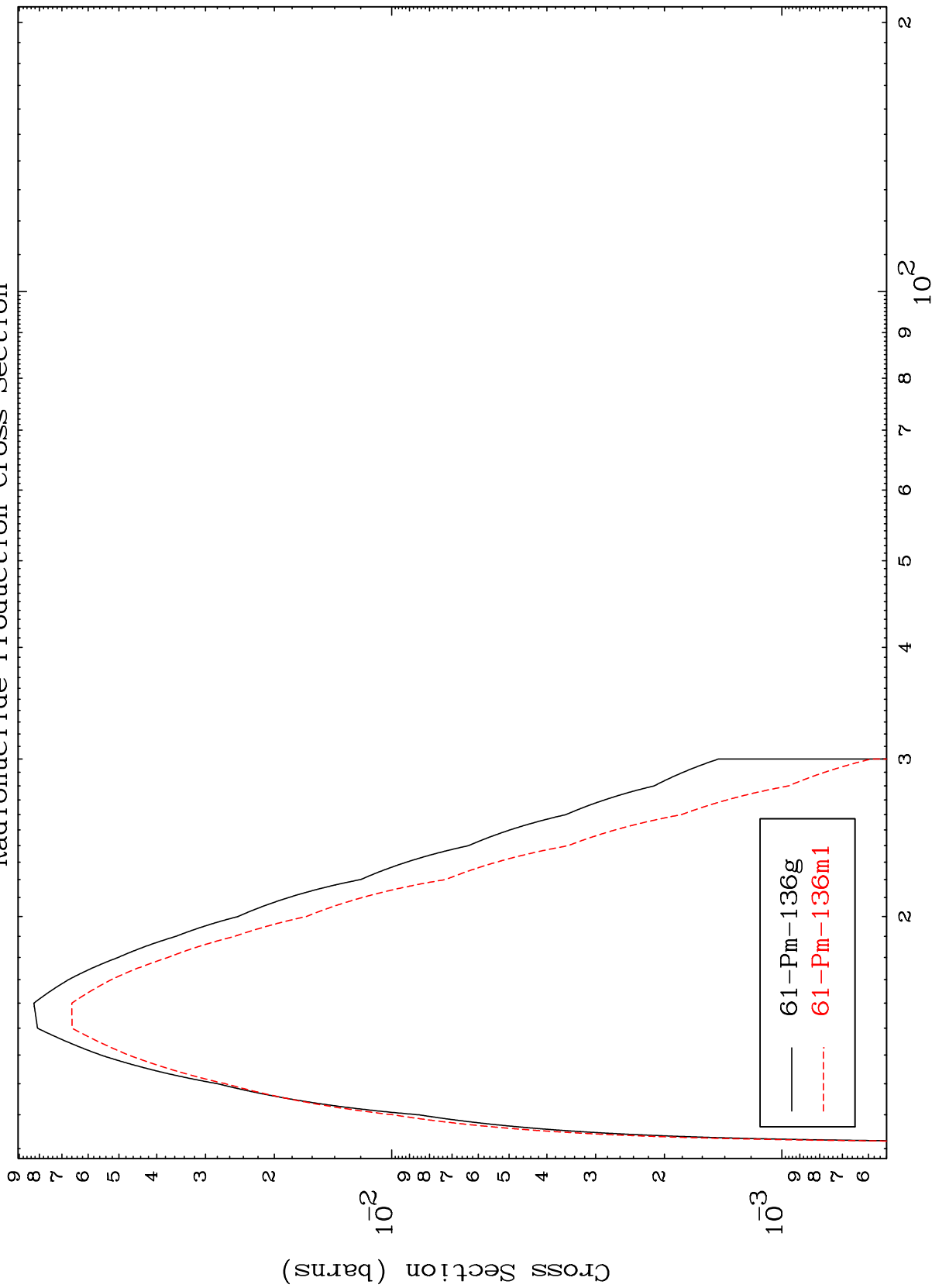
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

Photon Inelastic
Radionuclide Production Cross Section



61-Pm-137

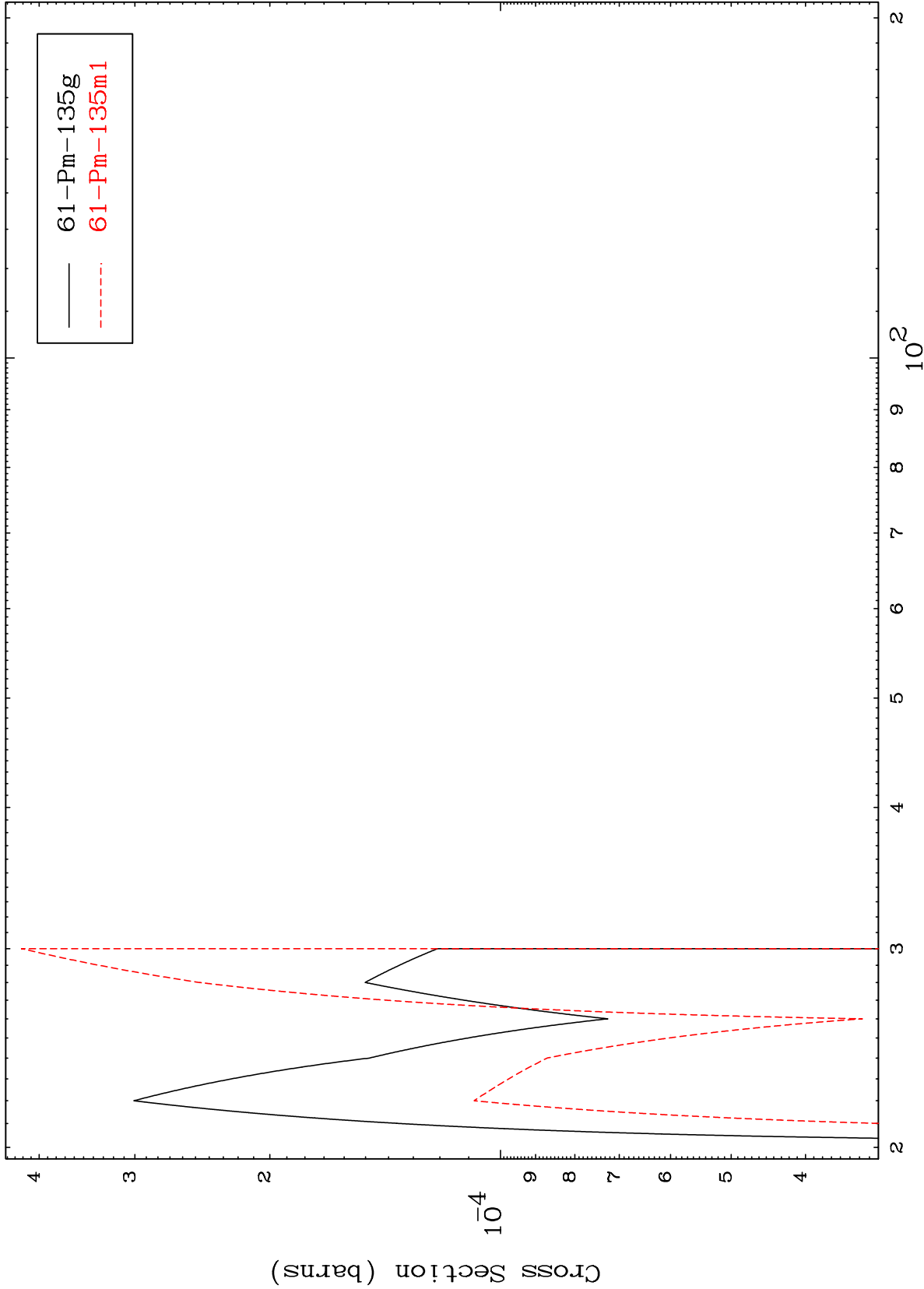
Incident Energy (MeV)

11

MAT 6119

61-Pm-137

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



61-Pm-137

Incident Energy (MeV)

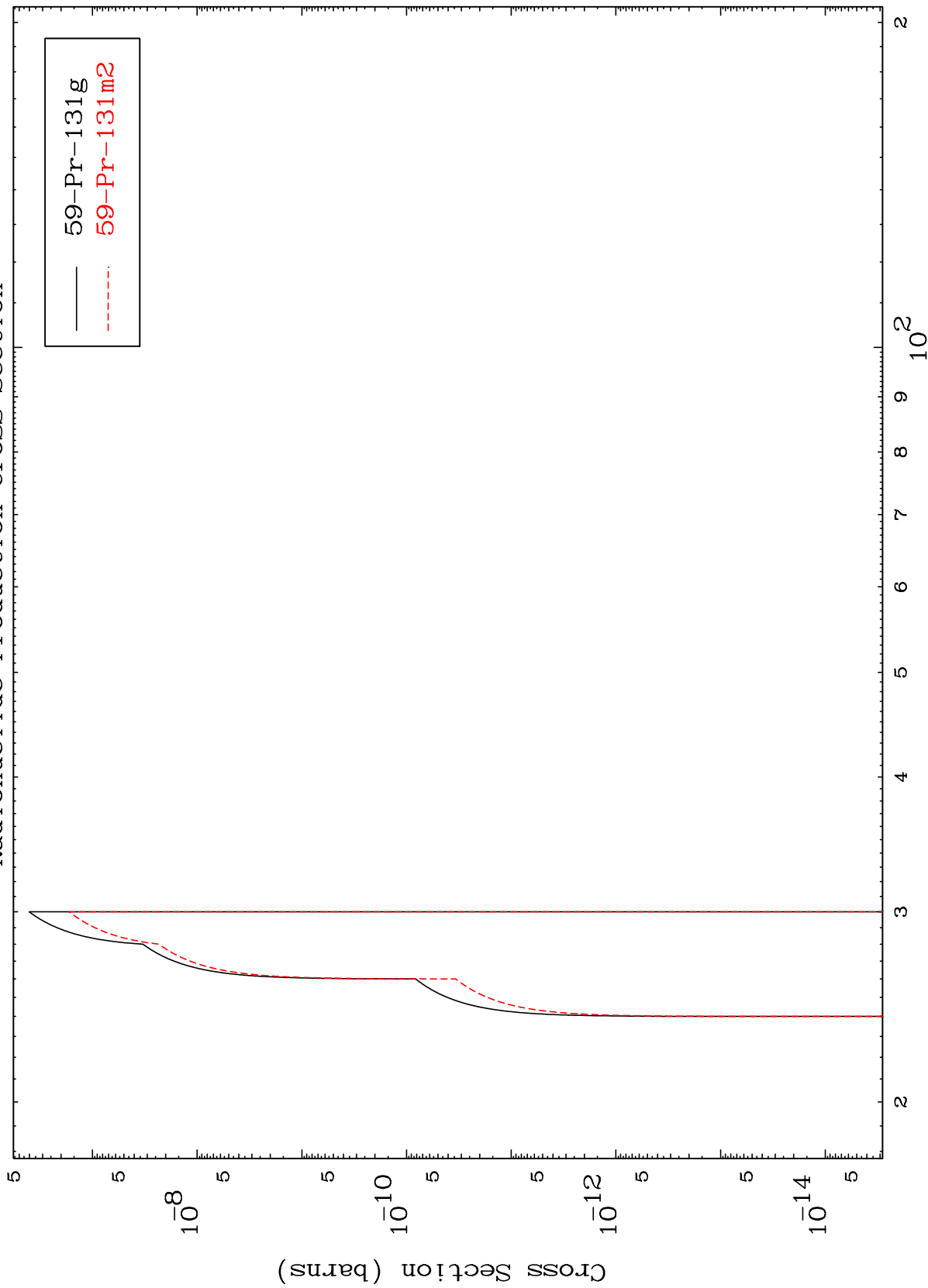
12

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61-Pm-137

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

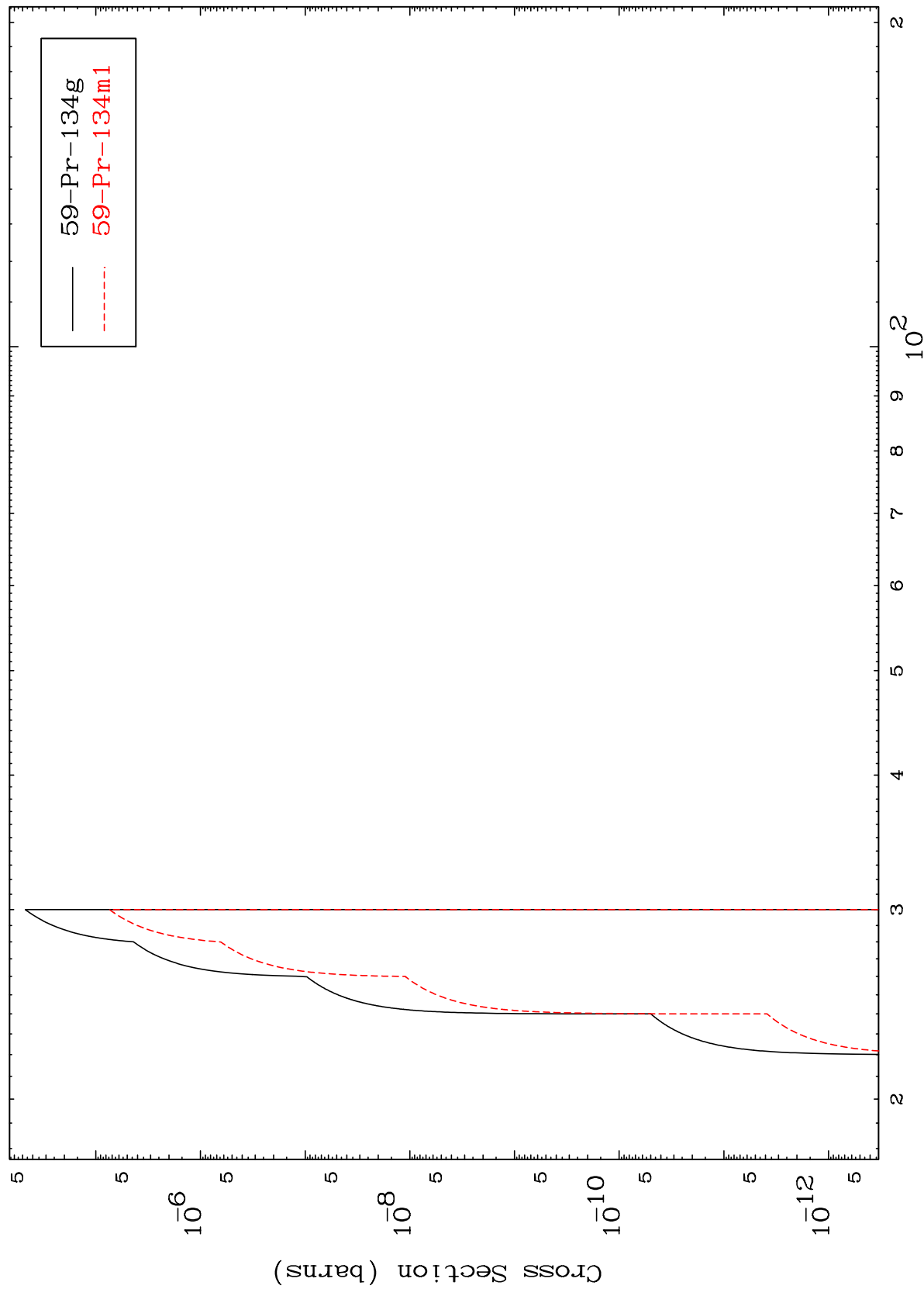
61-Pm-137

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($\gamma, 2n$) p

61-Pm-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

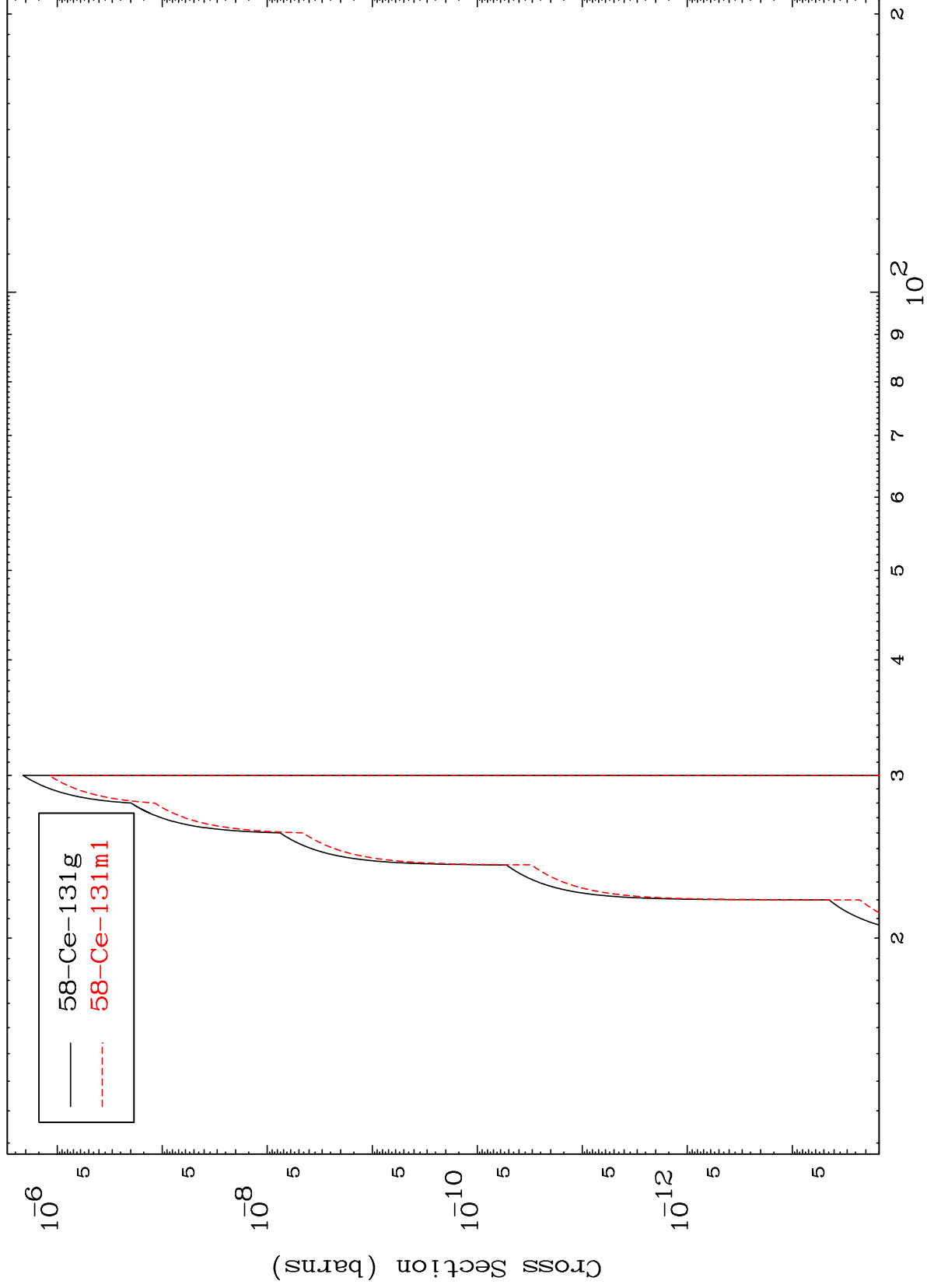
61-Pm-137

MAT 6119

(γ, n') p α

61-Pm-137

Radionuclide Production Cross Section



15

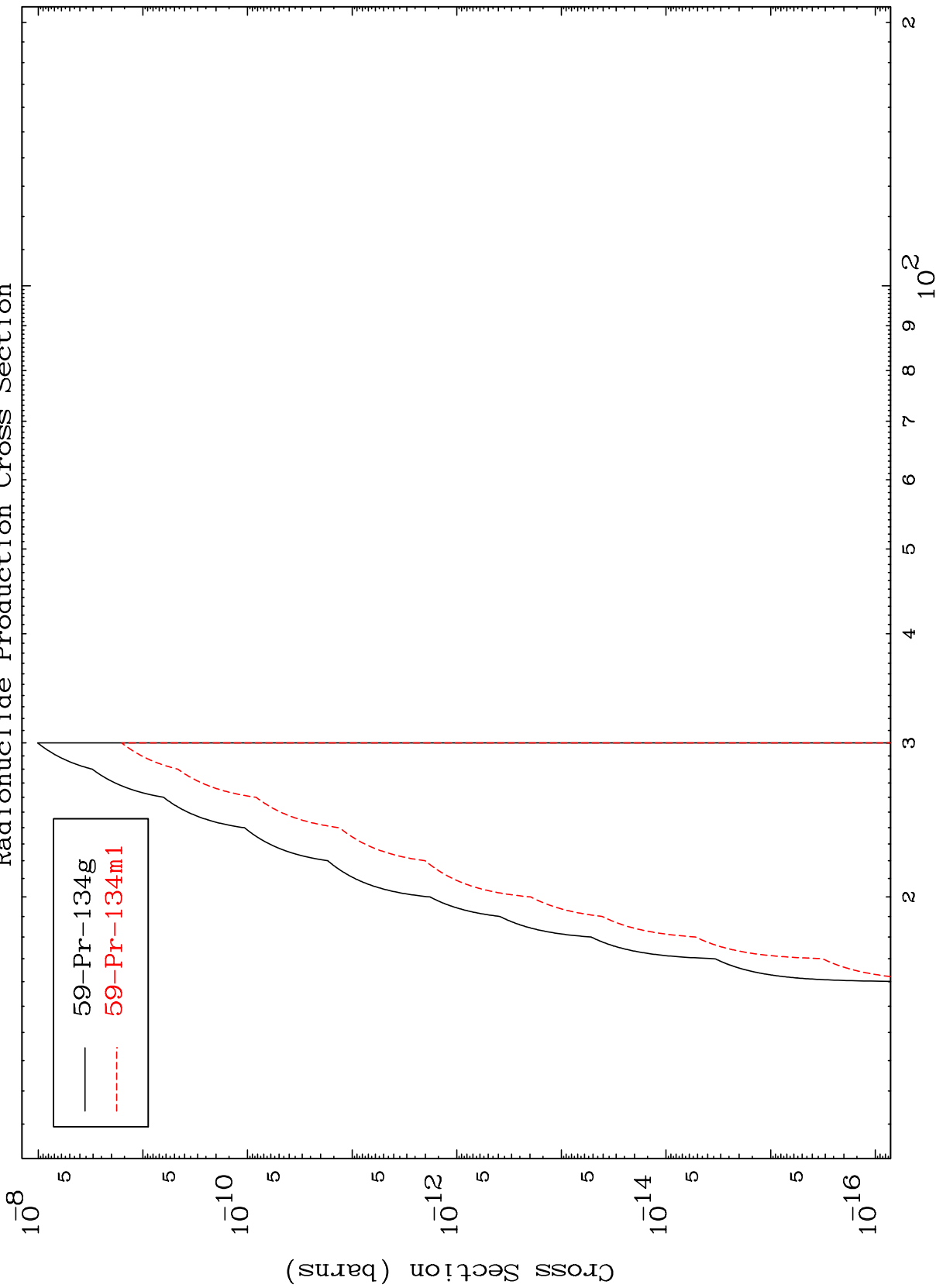
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

($\gamma, \text{He-3}$)
Radionuclide Production Cross Section



Incident Energy (MeV)

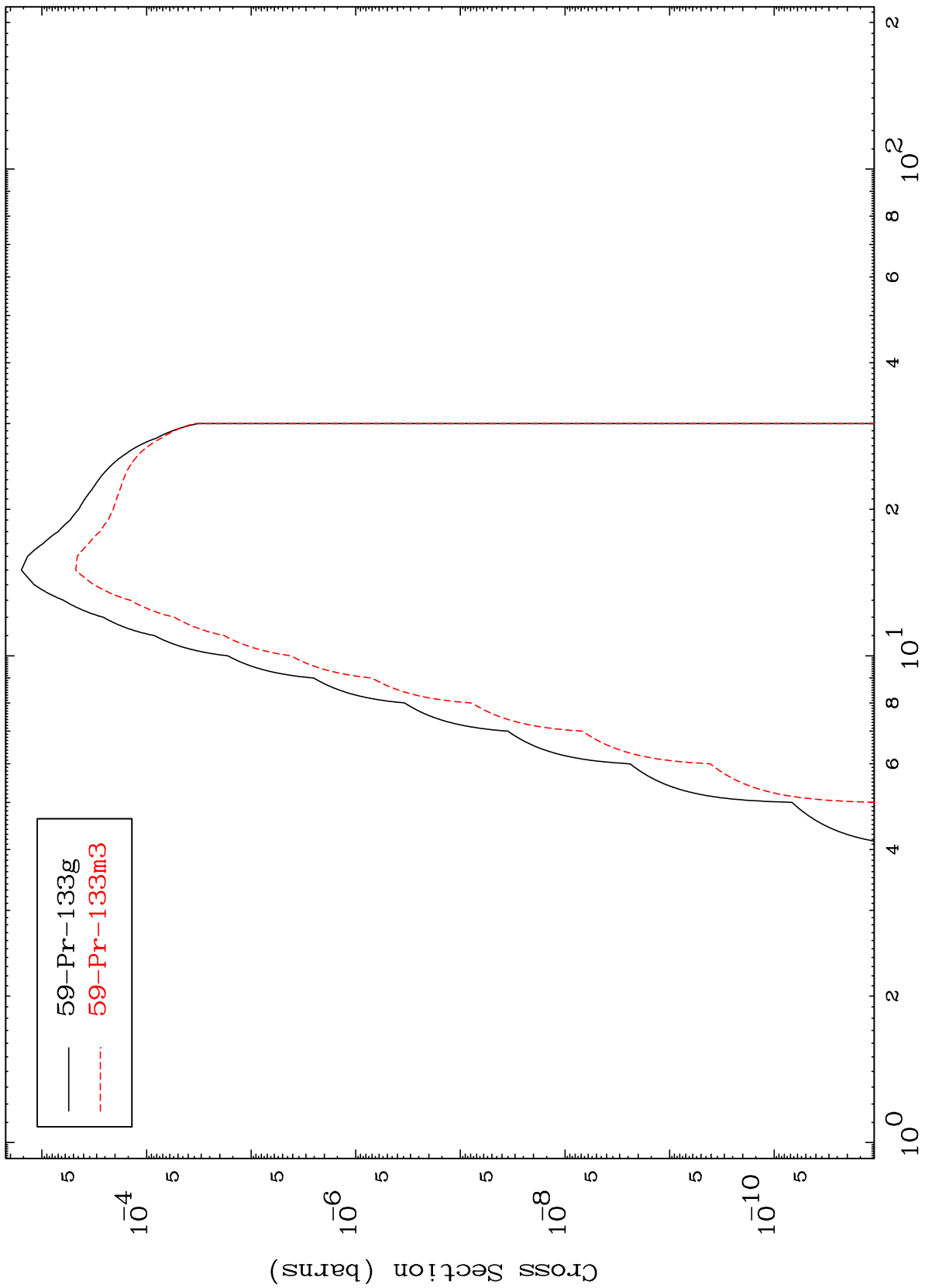
61-Pm-137

16

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61-Pm-137

Radionuclide Production Cross Section
(γ, α)



Incident Energy (MeV)

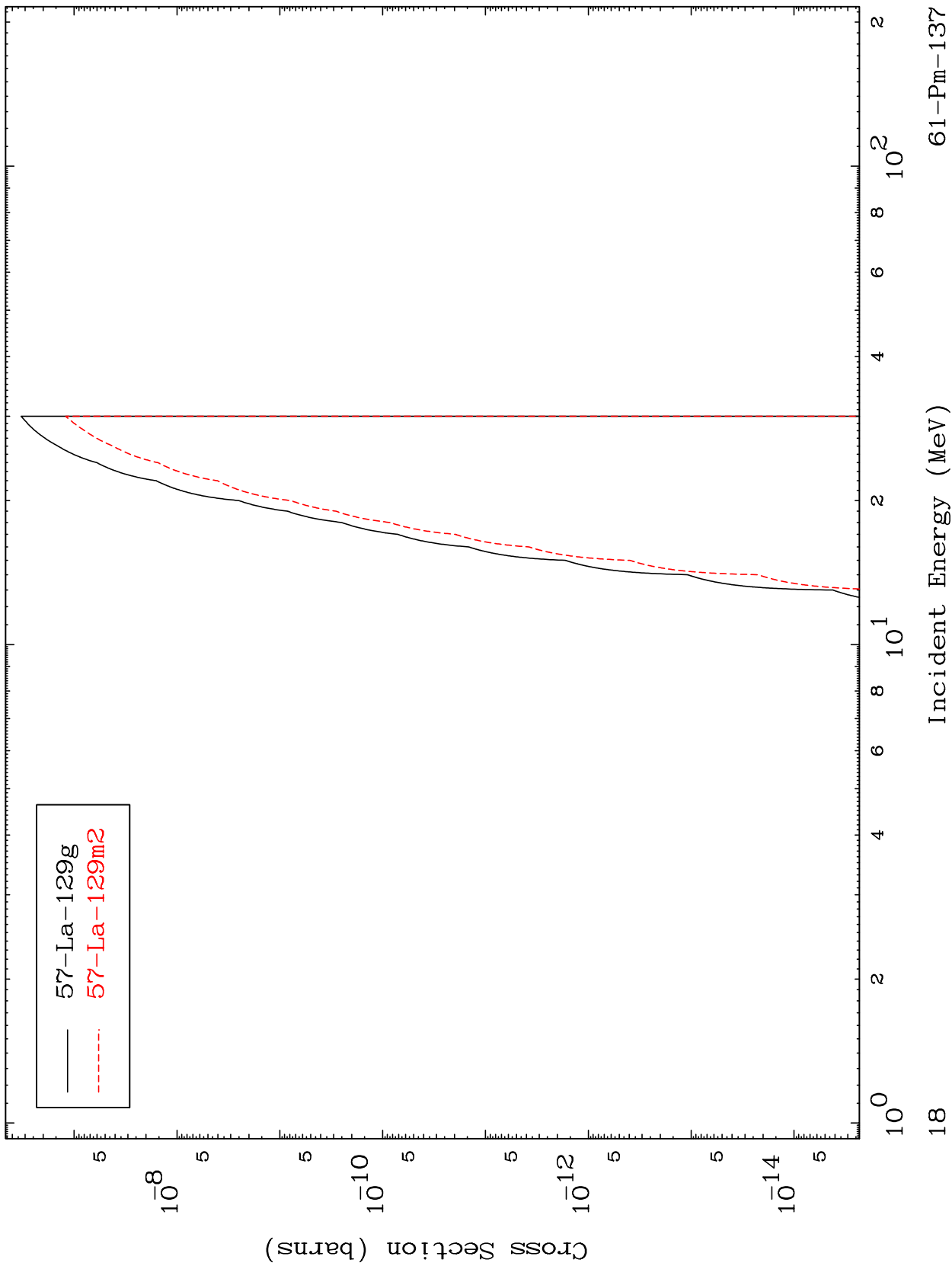
61-Pm-137

17

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61-Pm-137

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



61-Pm-137

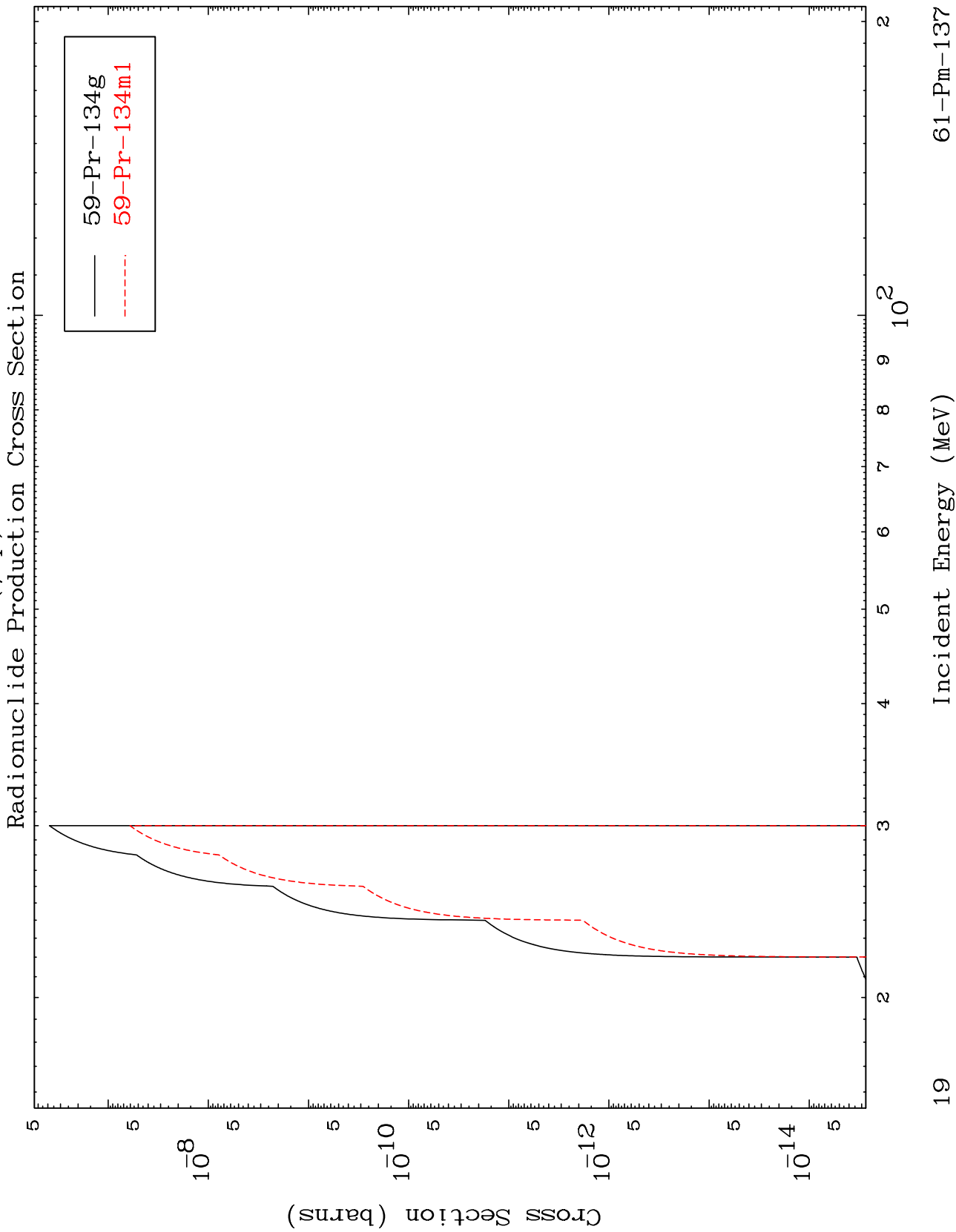
Incident Energy (MeV)

18

MAT 6119

(γ, p) d

61-Pm-137



19

Incident Energy (MeV)

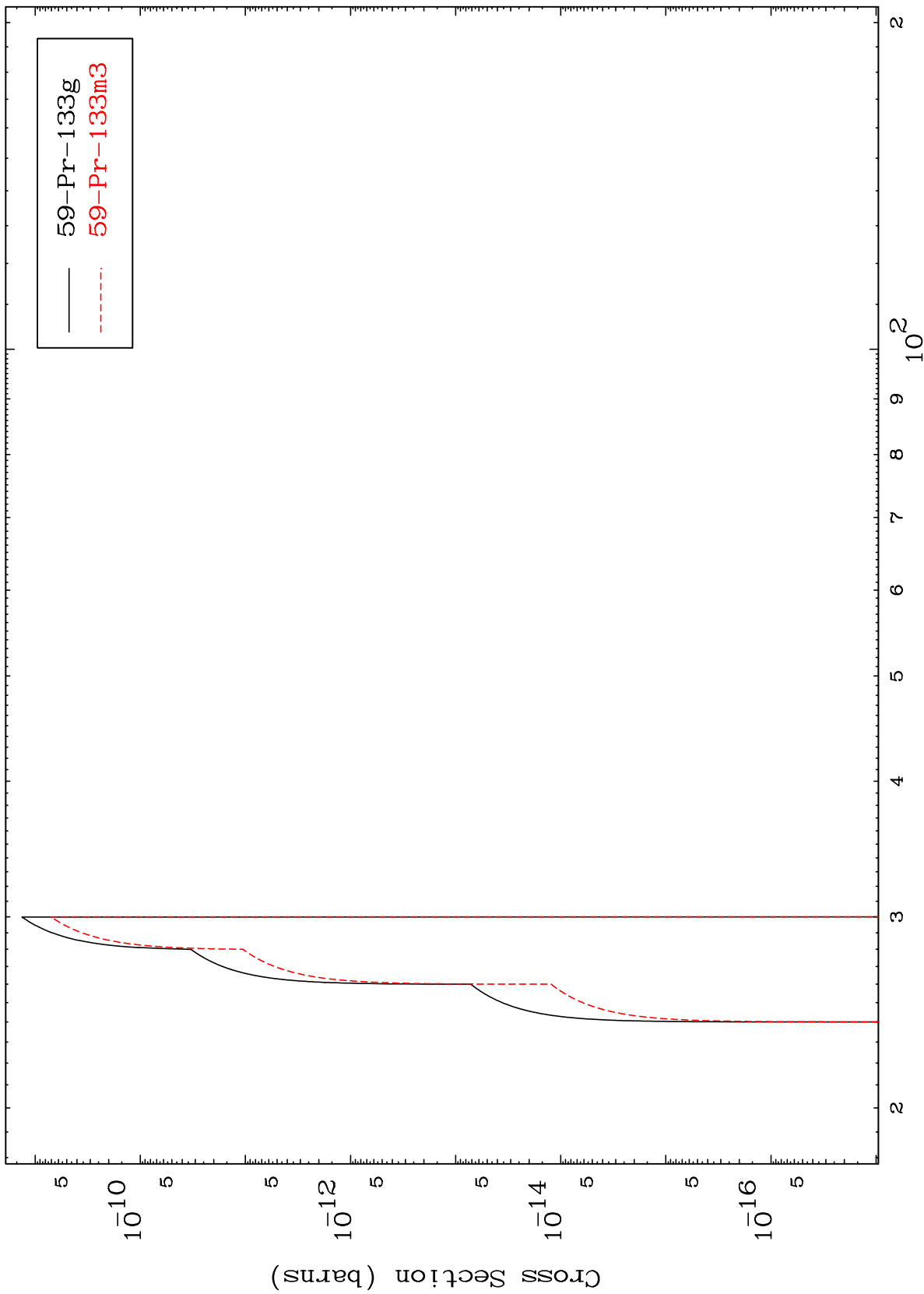
61-Pm-137

MAT 6119

(γ, p) t

61-Pm-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

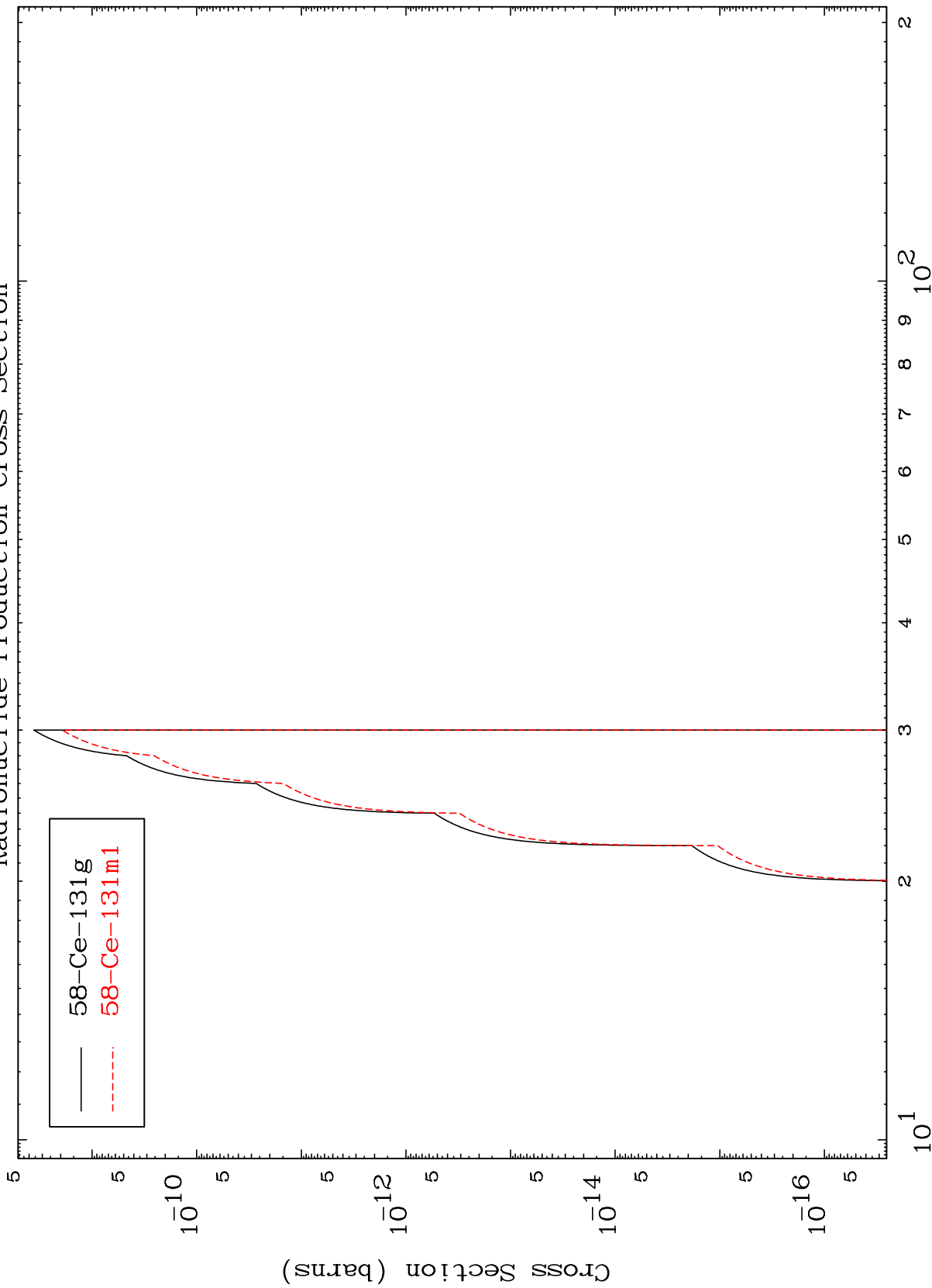
61-Pm-137

MAT 6119

(γ, d) α

61-Pm-137

Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

Incident Energy (MeV)

61-Pm-137

21