

Program EVALPLOT
(Version 2017-1)

by

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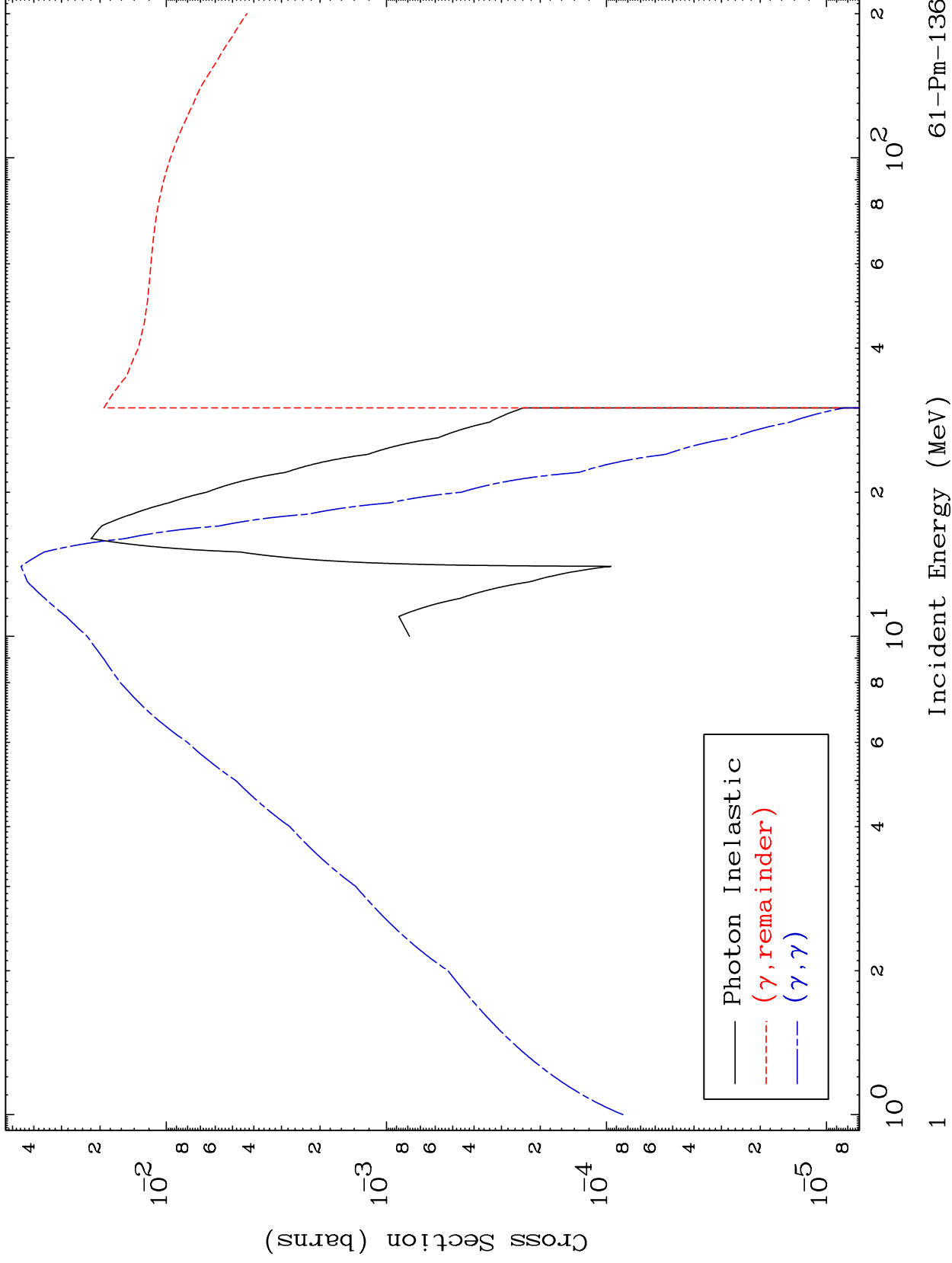
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 61116

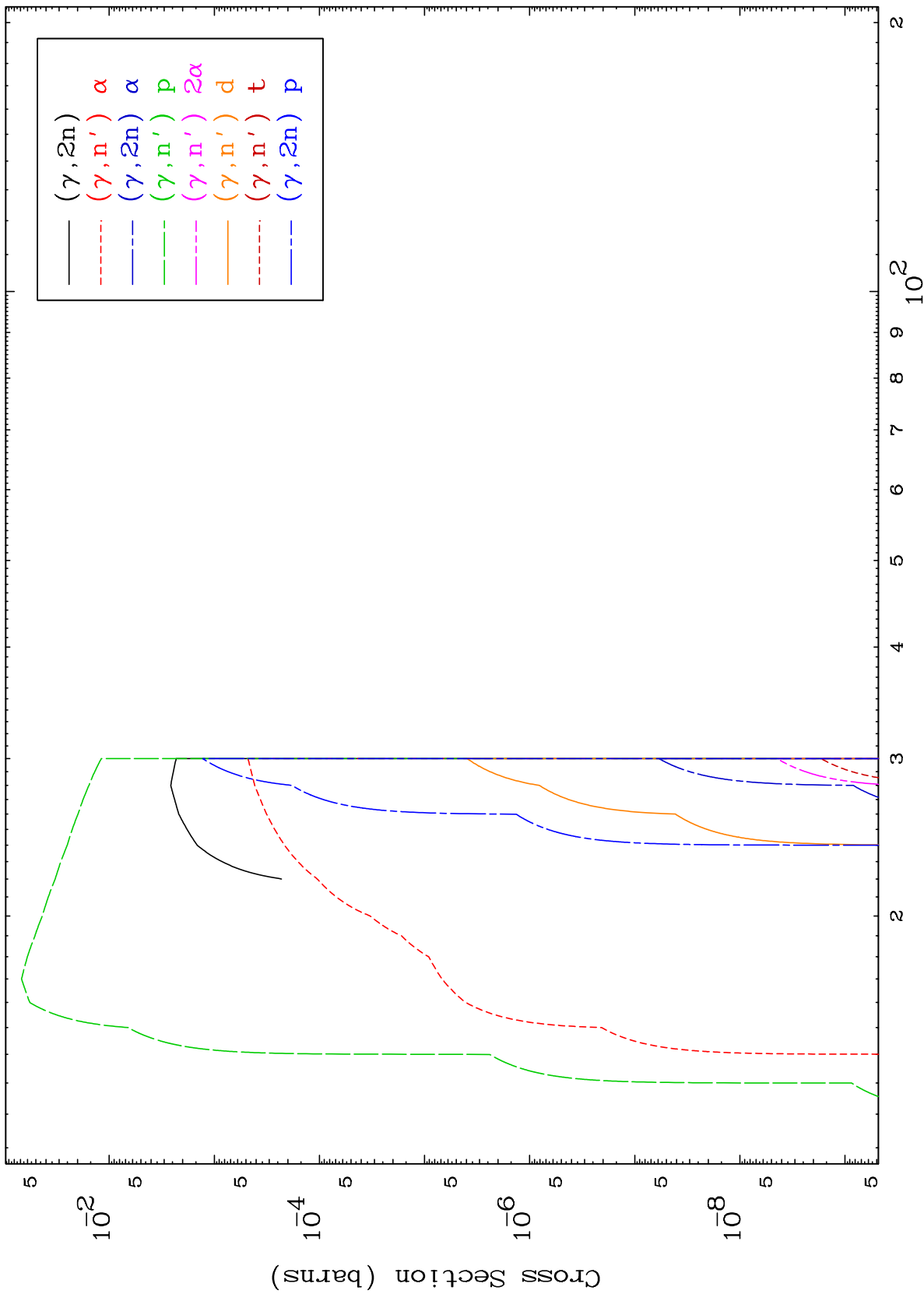
Photon Major
0 Kelvin Cross Sections

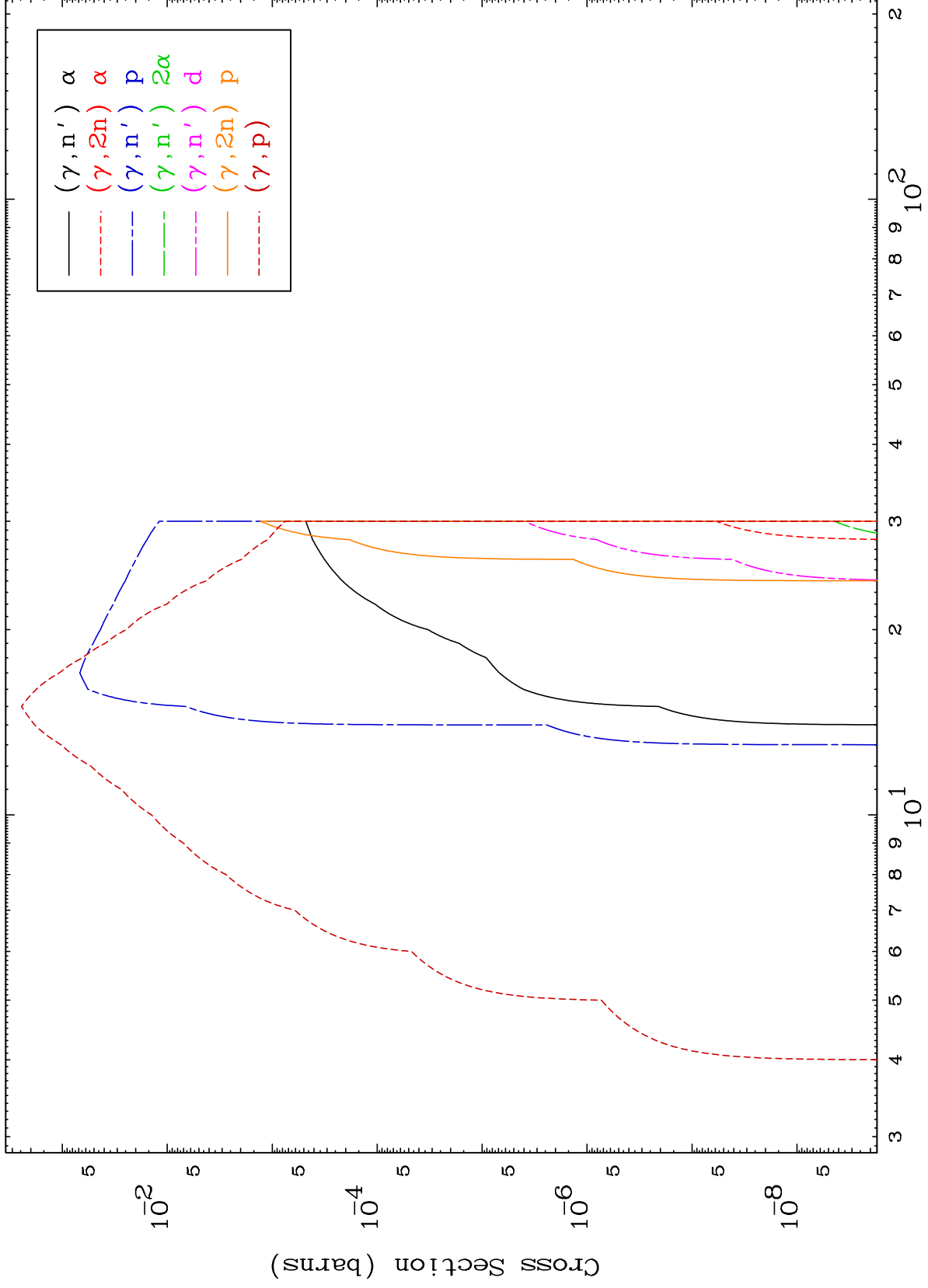
61-Pm-136



61-Pm-136

Incident Energy (MeV)

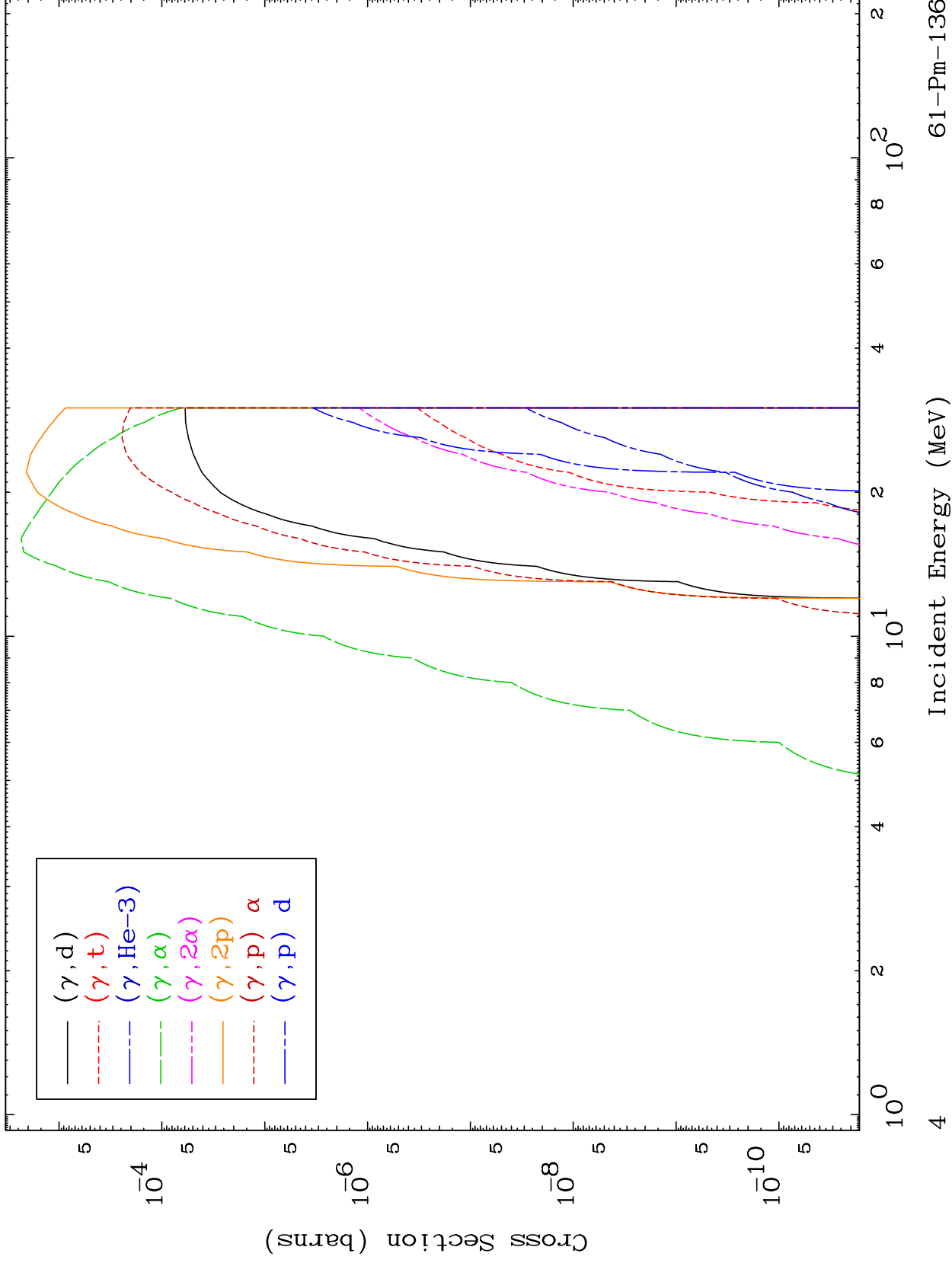




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Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-136



61-Pm-136

Incident Energy (MeV)

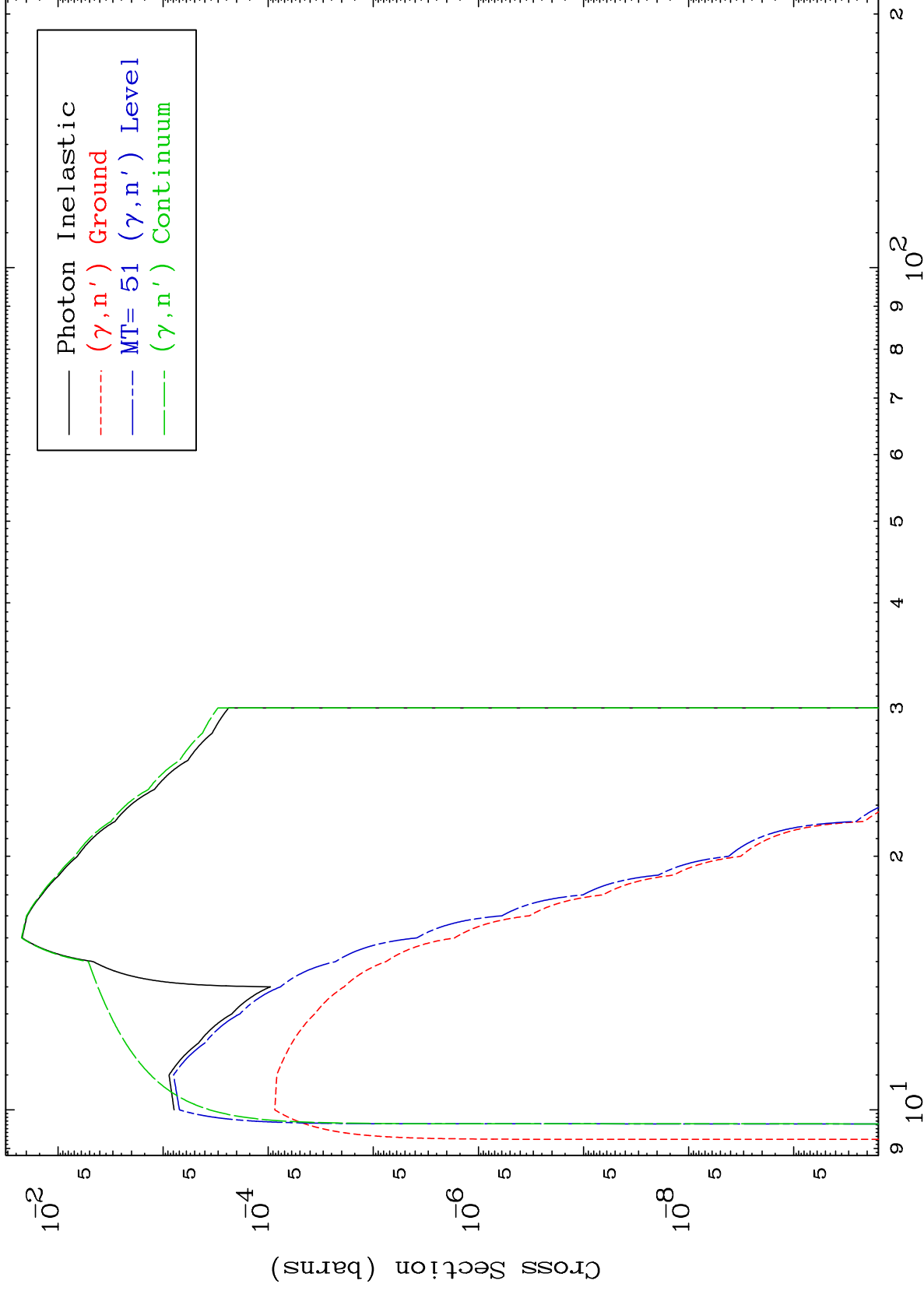
4

MAT 6116

(γ, n') Level

61-Pm-136

0 Kelvin Cross Sections



Incident Energy (MeV)

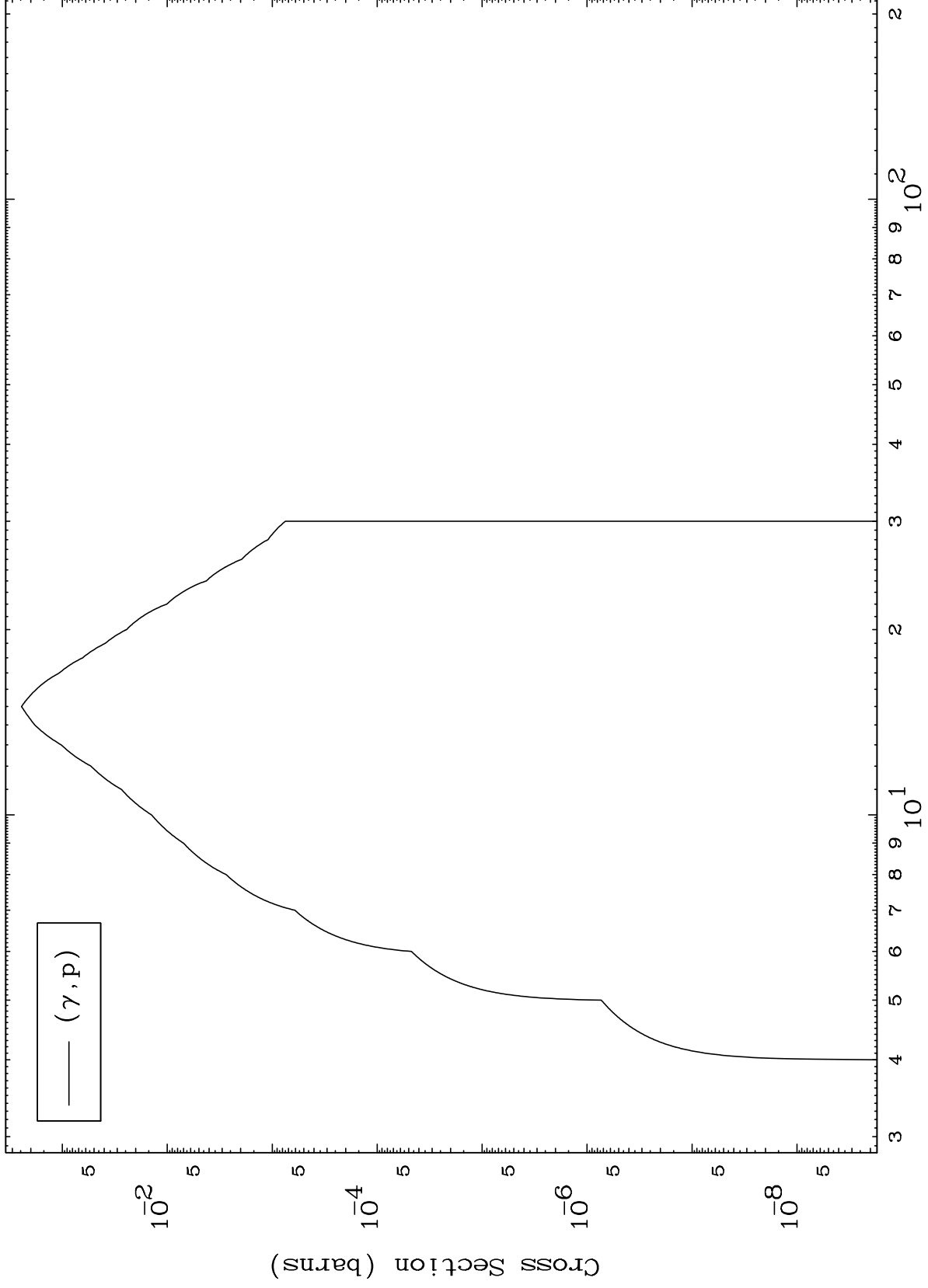
61-Pm-136

MAT 6116

(γ, p) Levels

61-Pm-136

0 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-136

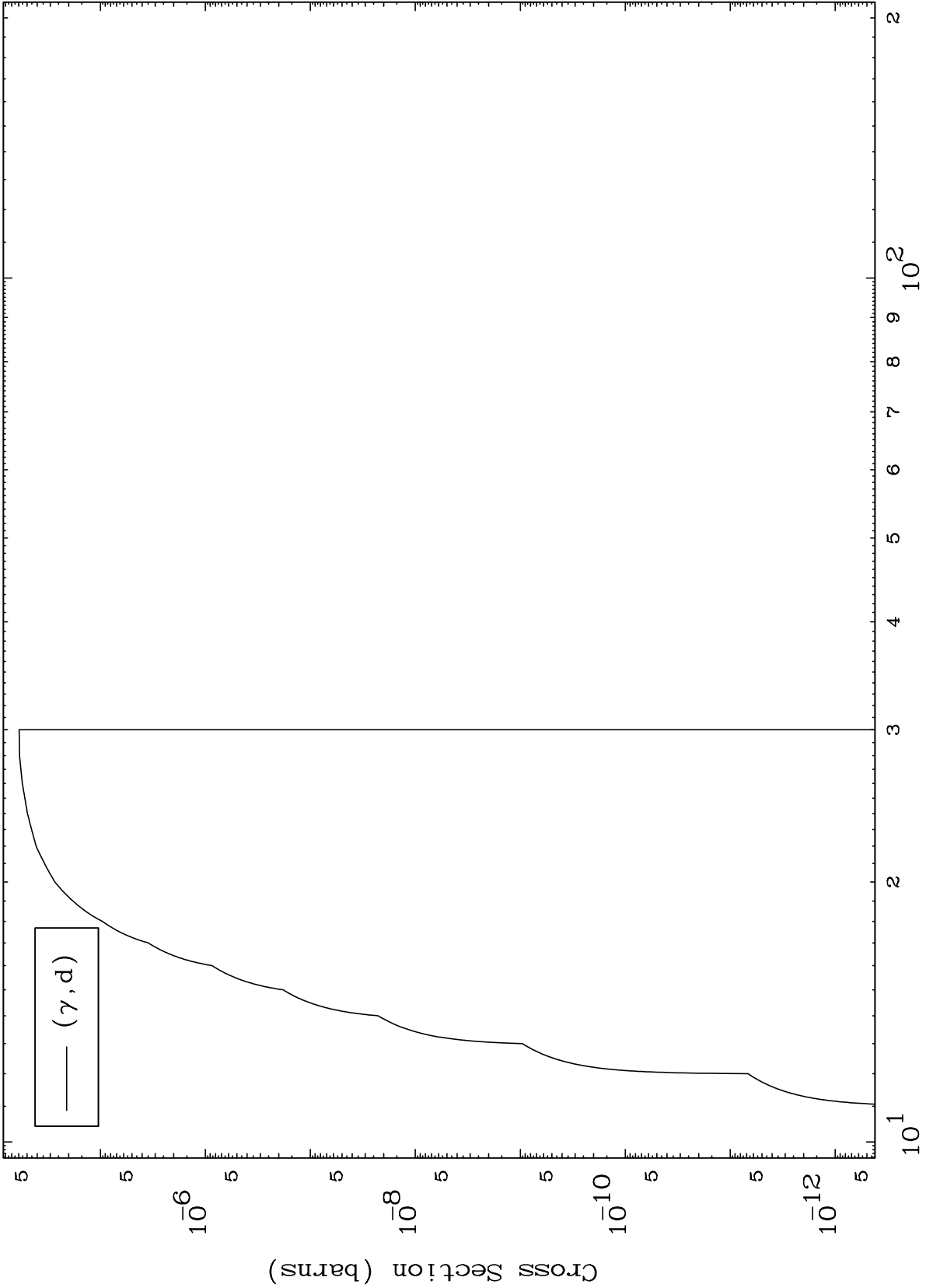
6

MAT 61116

(γ, d) Levels

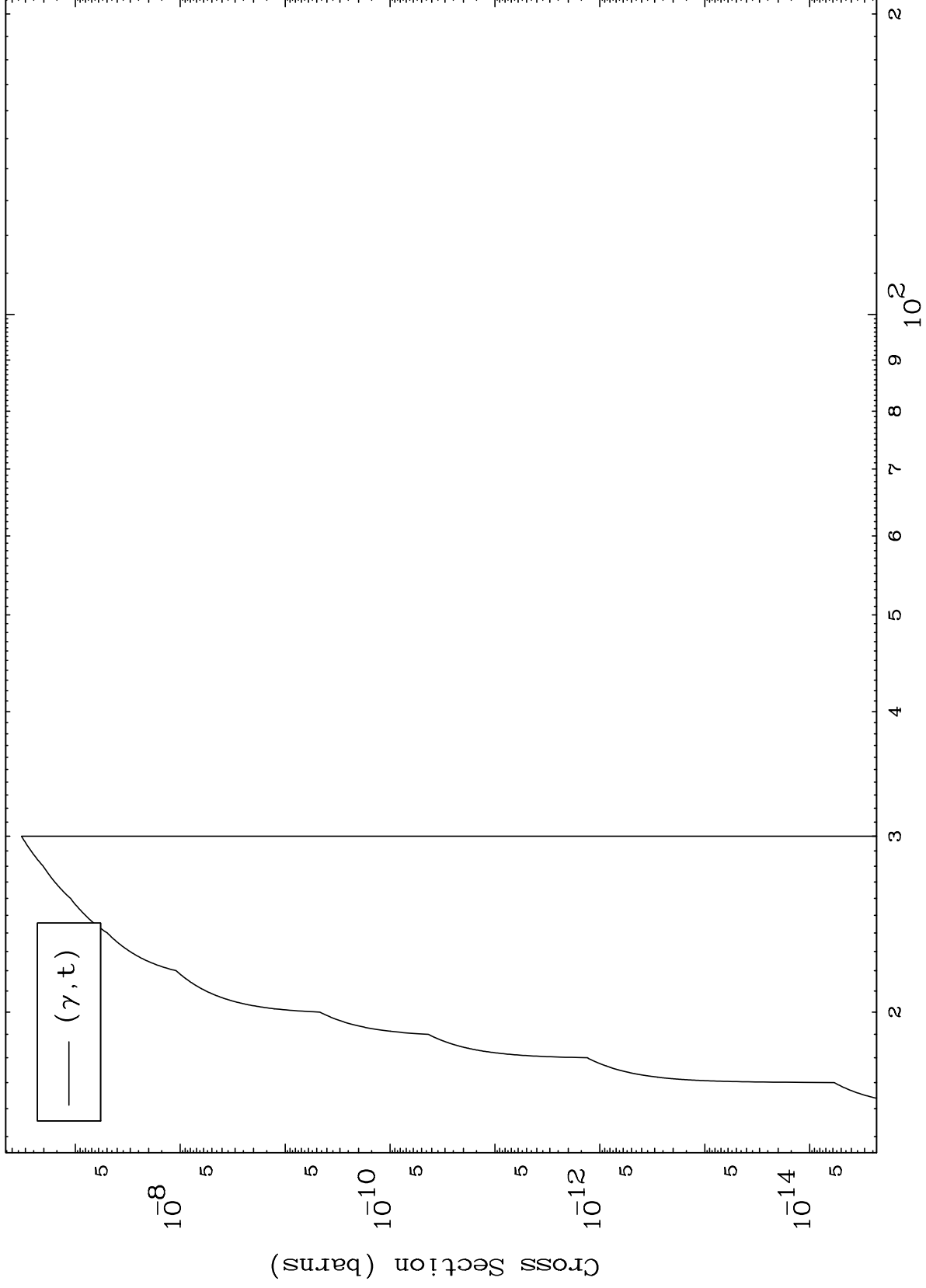
61-Pm-136

0 Kelvin Cross Sections

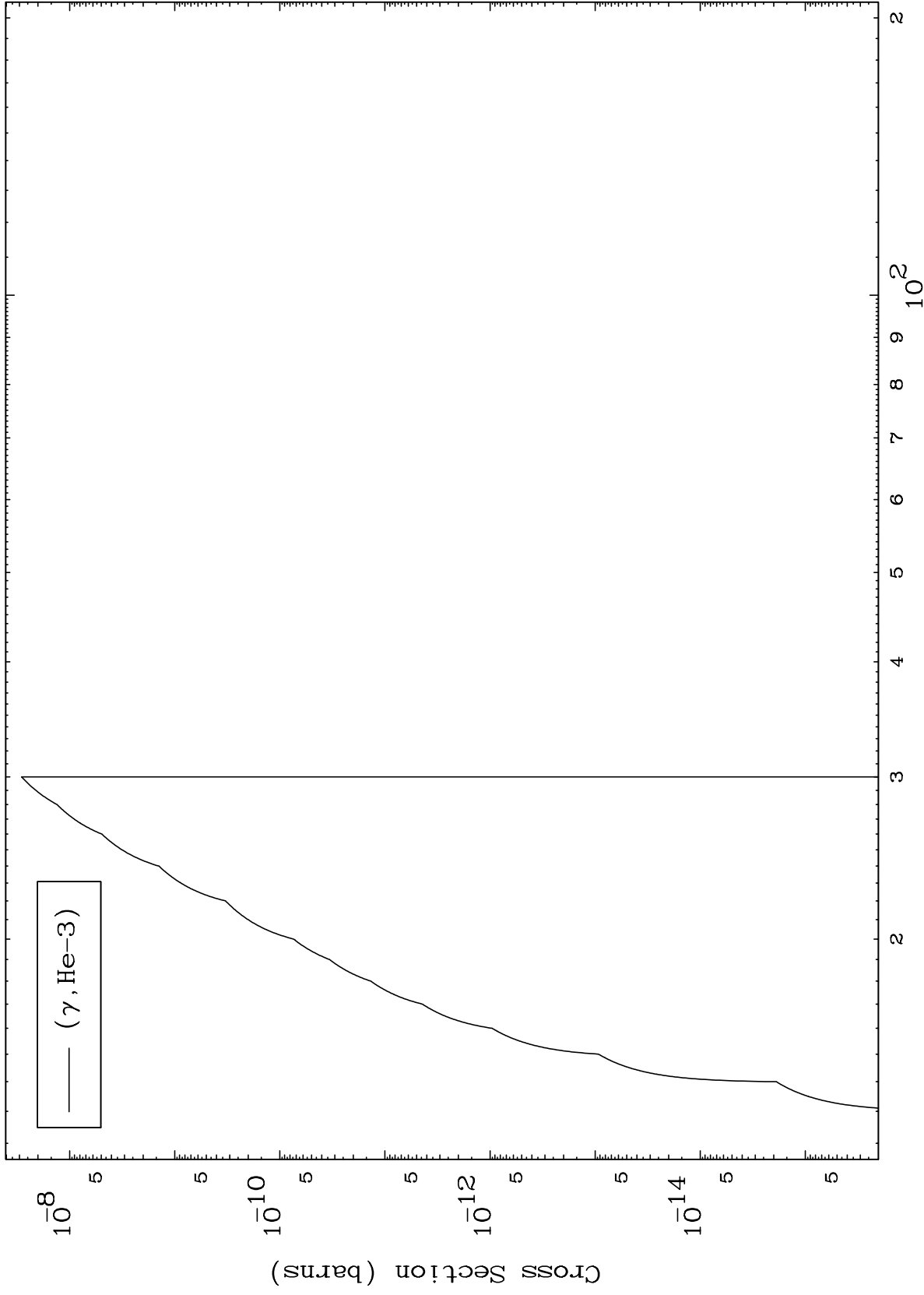


Incident Energy (MeV)

61-Pm-136



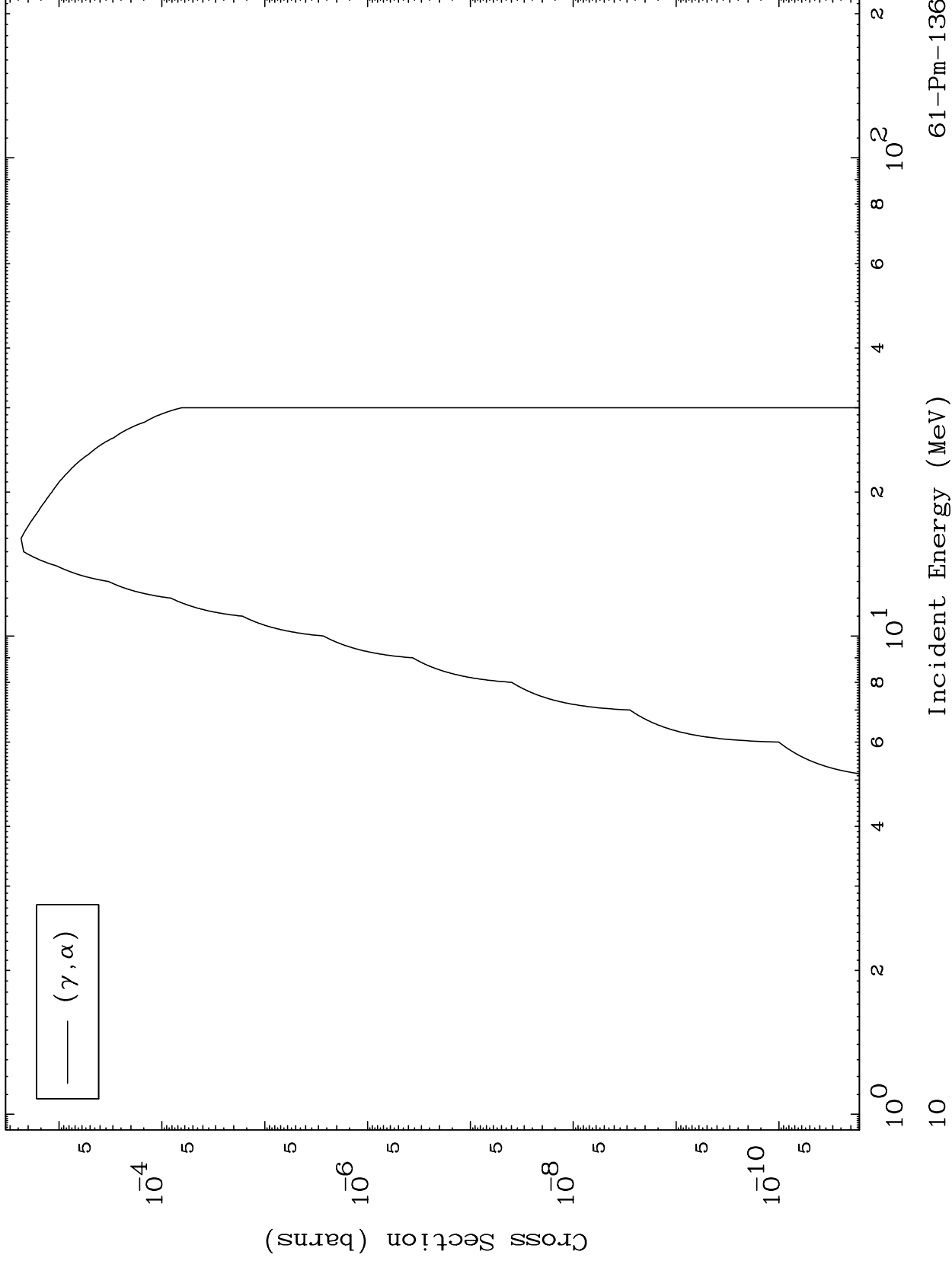
($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



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(γ, α) Levels
0 Kelvin Cross Sections

61-Pm-136



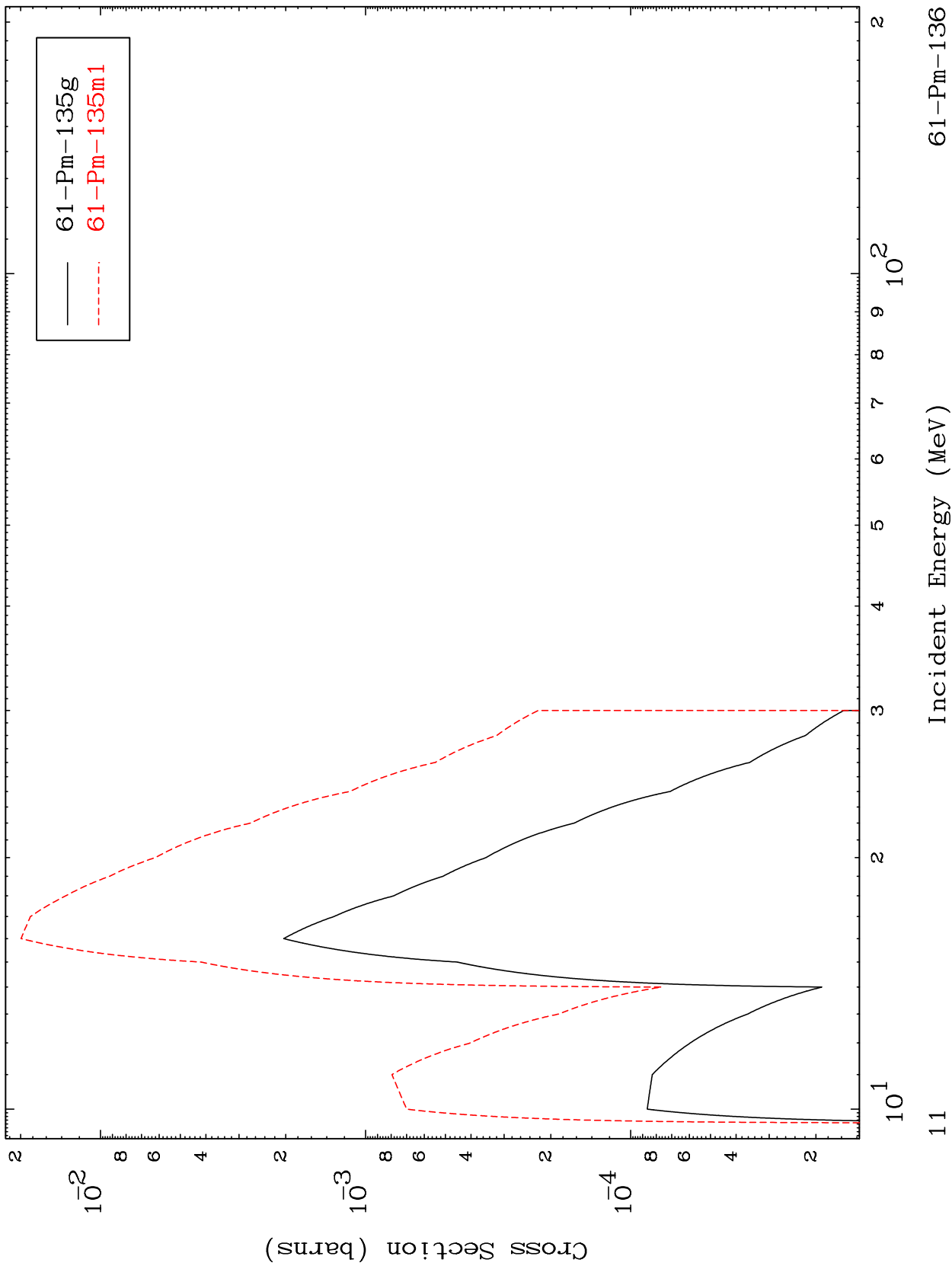
61-Pm-136

Incident Energy (MeV)

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61-Pm-136

Photon Inelastic
Radionuclide Production Cross Section



61-Pm-136

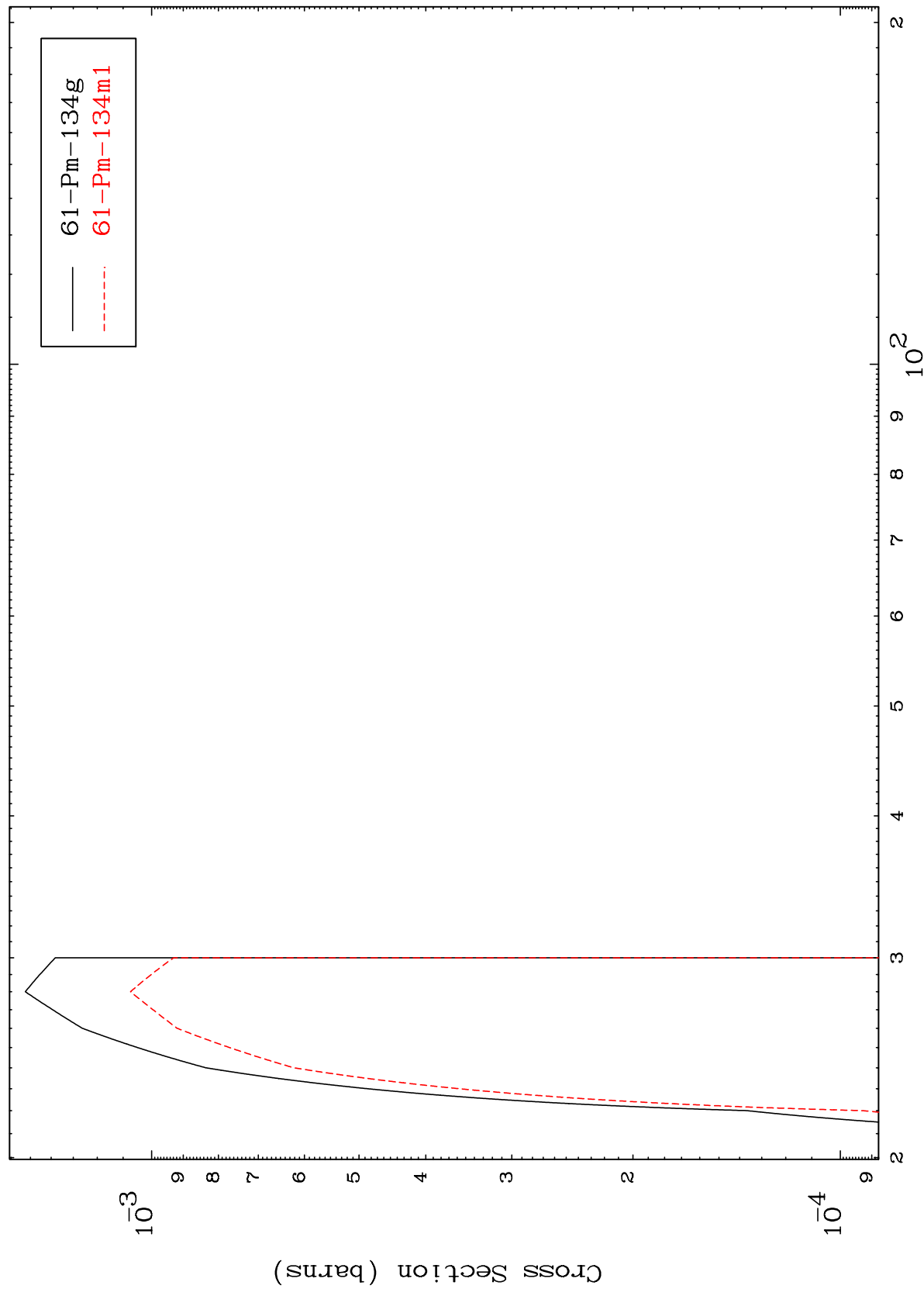
Incident Energy (MeV)

11

MAT 6116

61-Pm-136

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



12

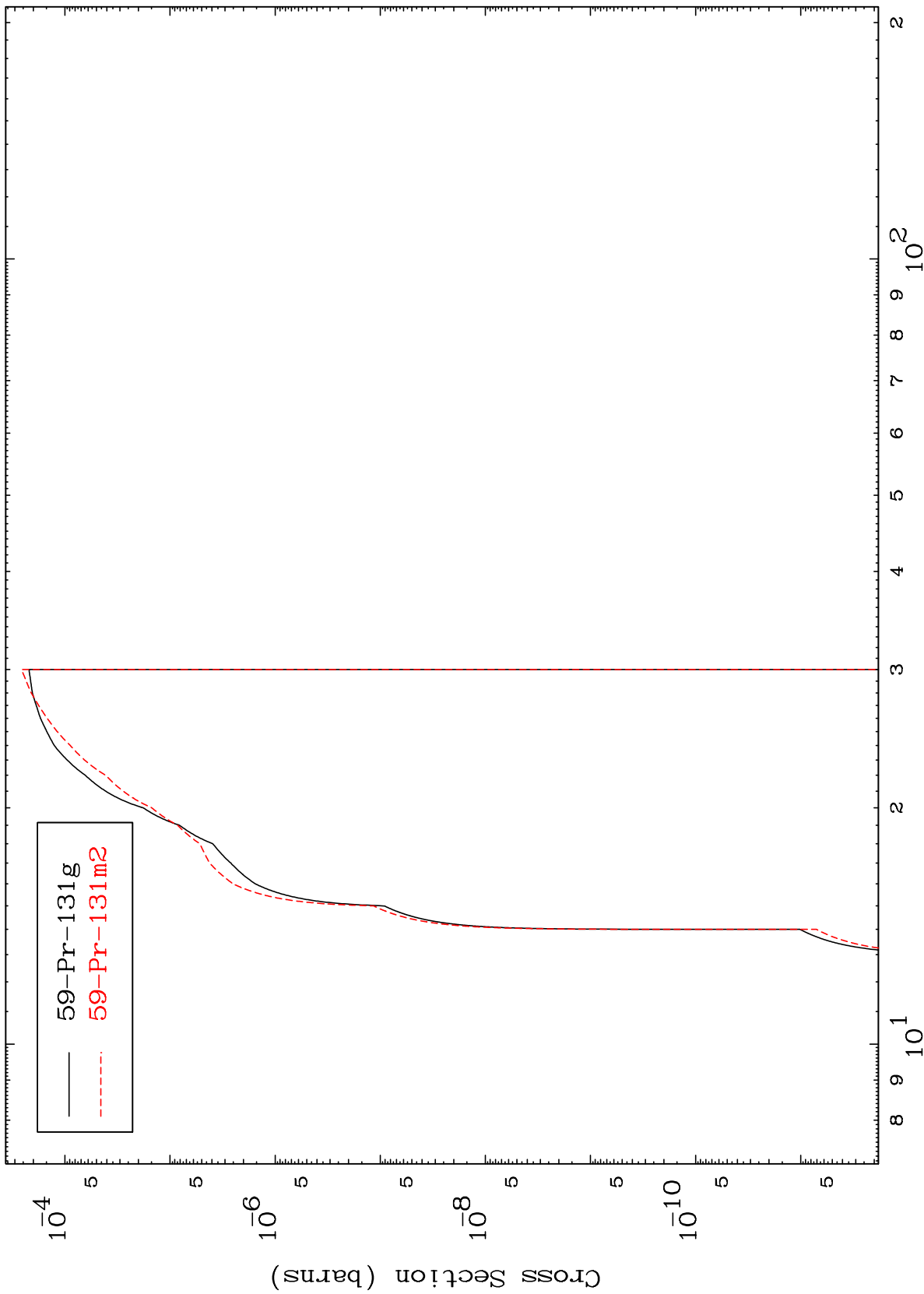
61-Pm-136

Incident Energy (MeV)

MAT 6116

61-Pm-136

(γ, n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

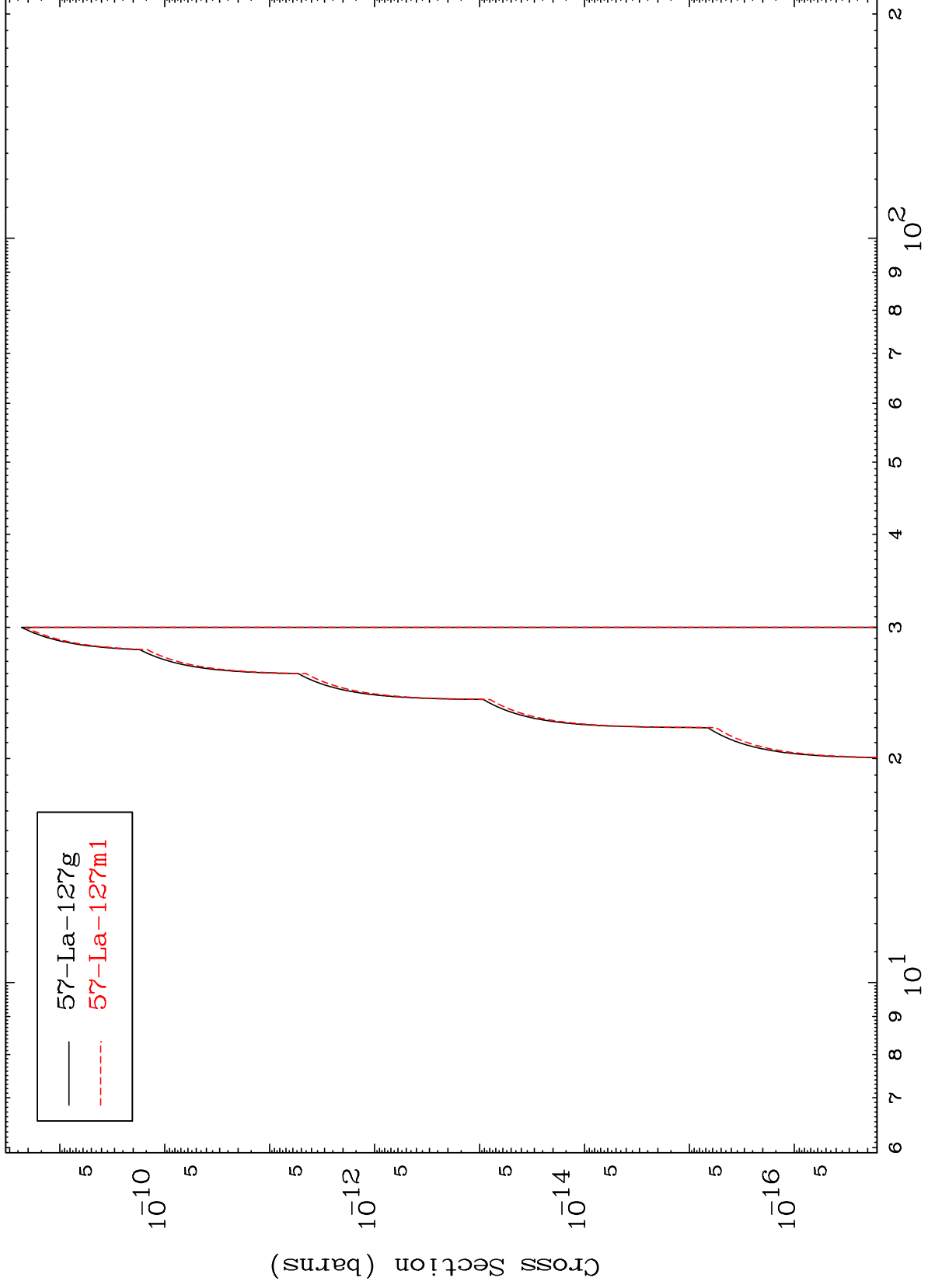
61-Pm-136

MAT 61116

(γ, n') 2α

61-Pm-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

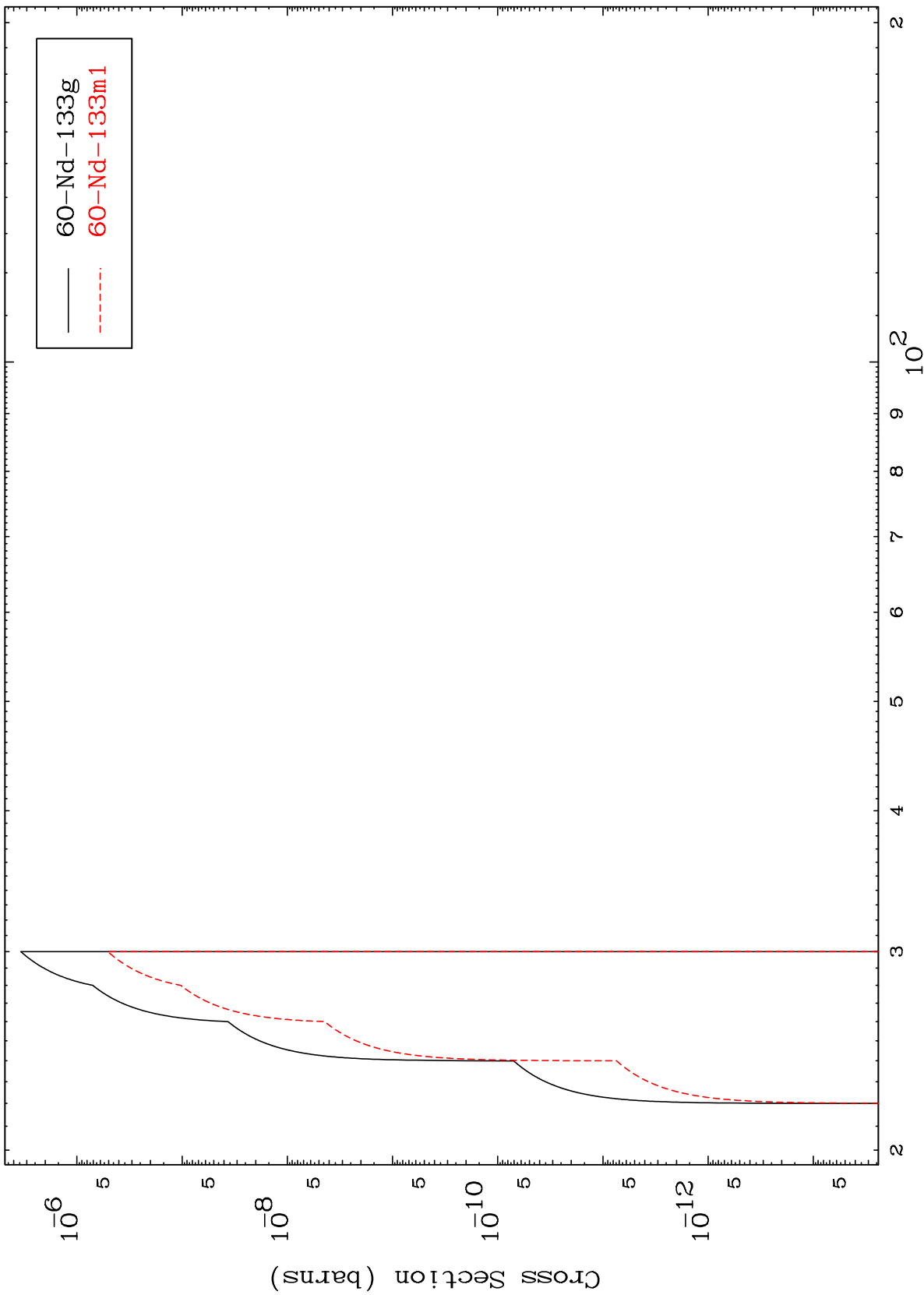
61-Pm-136

MAT 6116

(γ, n') d

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

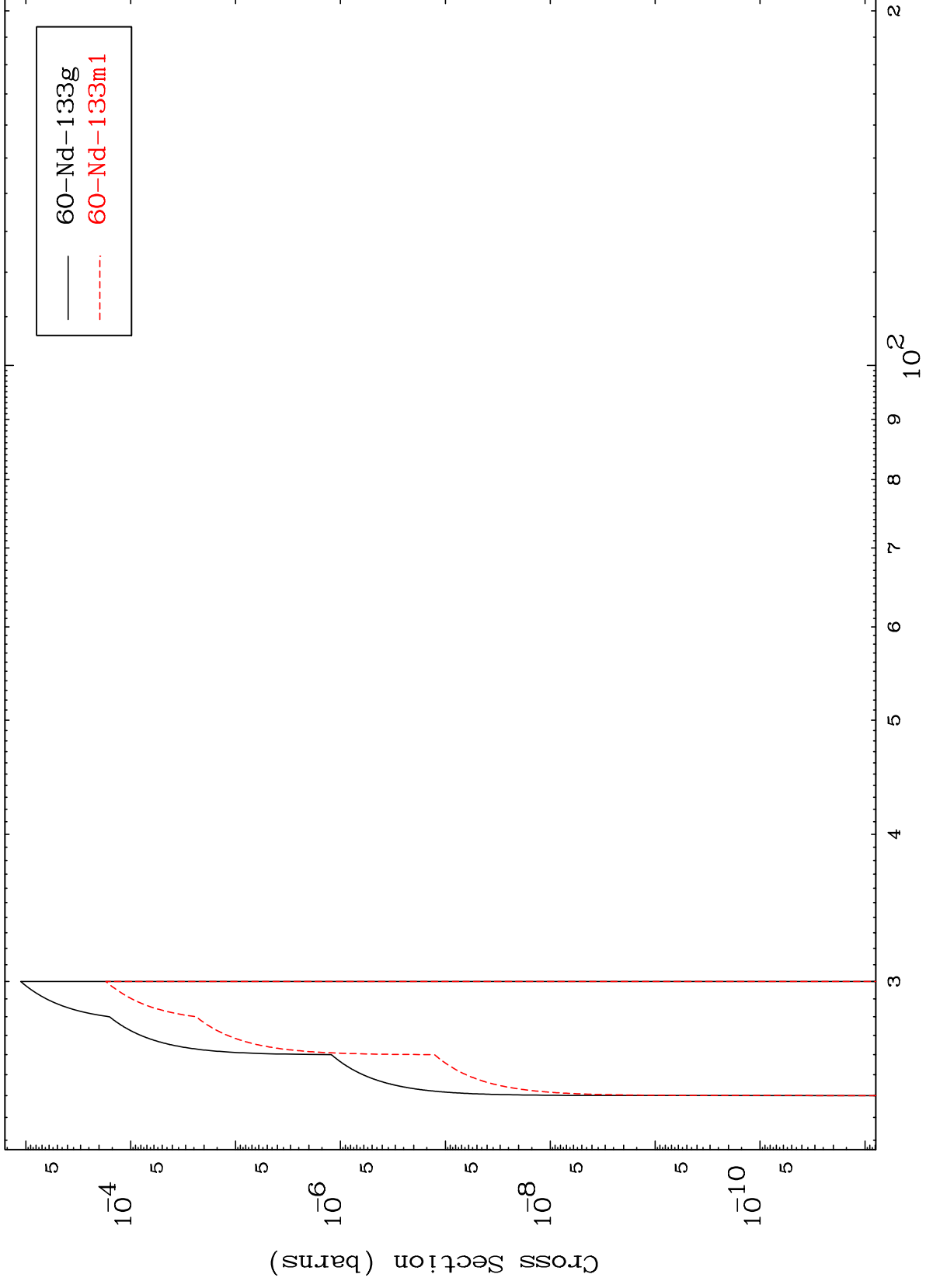
61-Pm-136

MAT 6116

$(\gamma, 2n)$ p

61-Pm-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

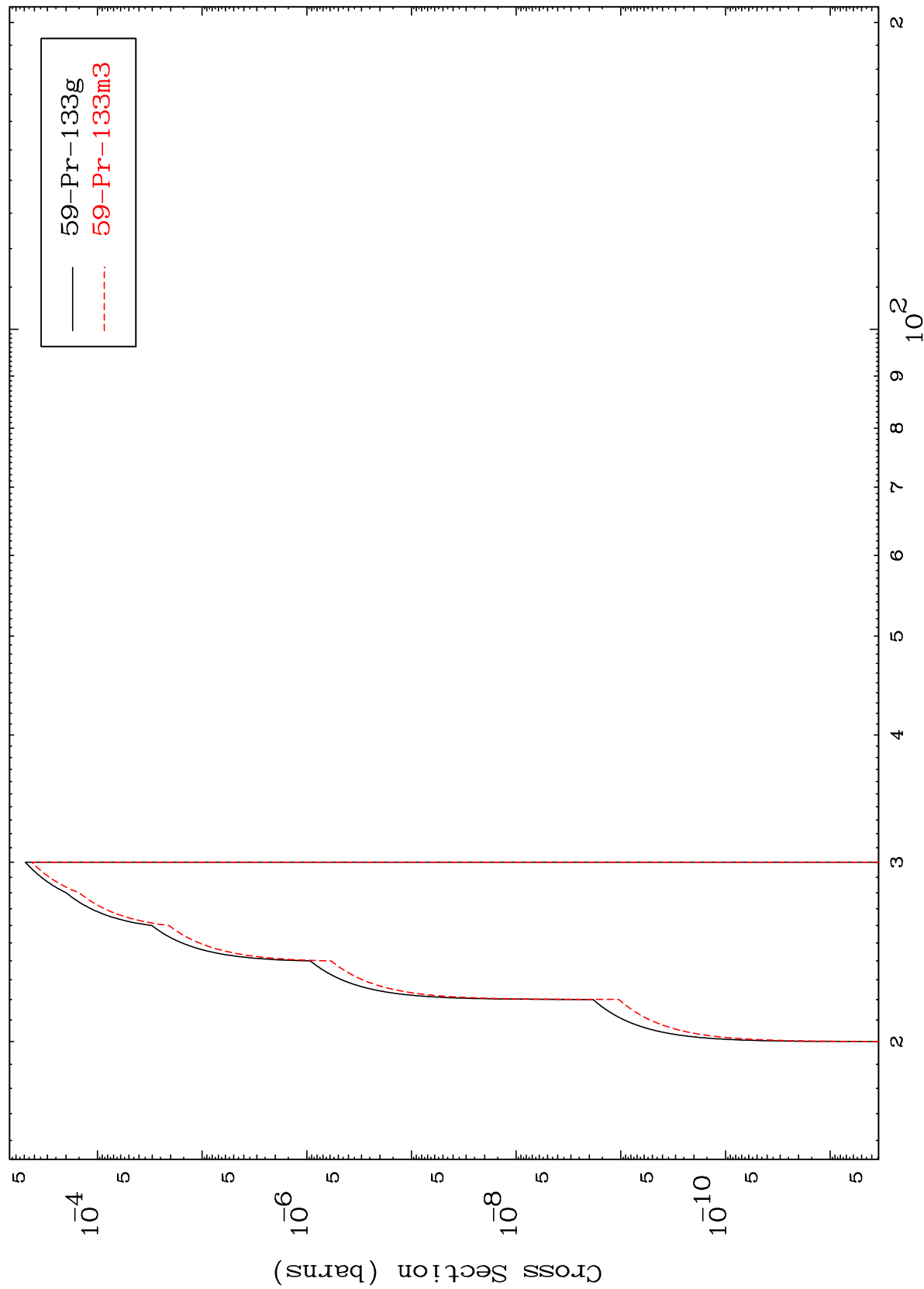
61-Pm-136

MAT 6116

($\gamma, 2n$) p

61-Pm-136

Radionuclide Production Cross Section



17

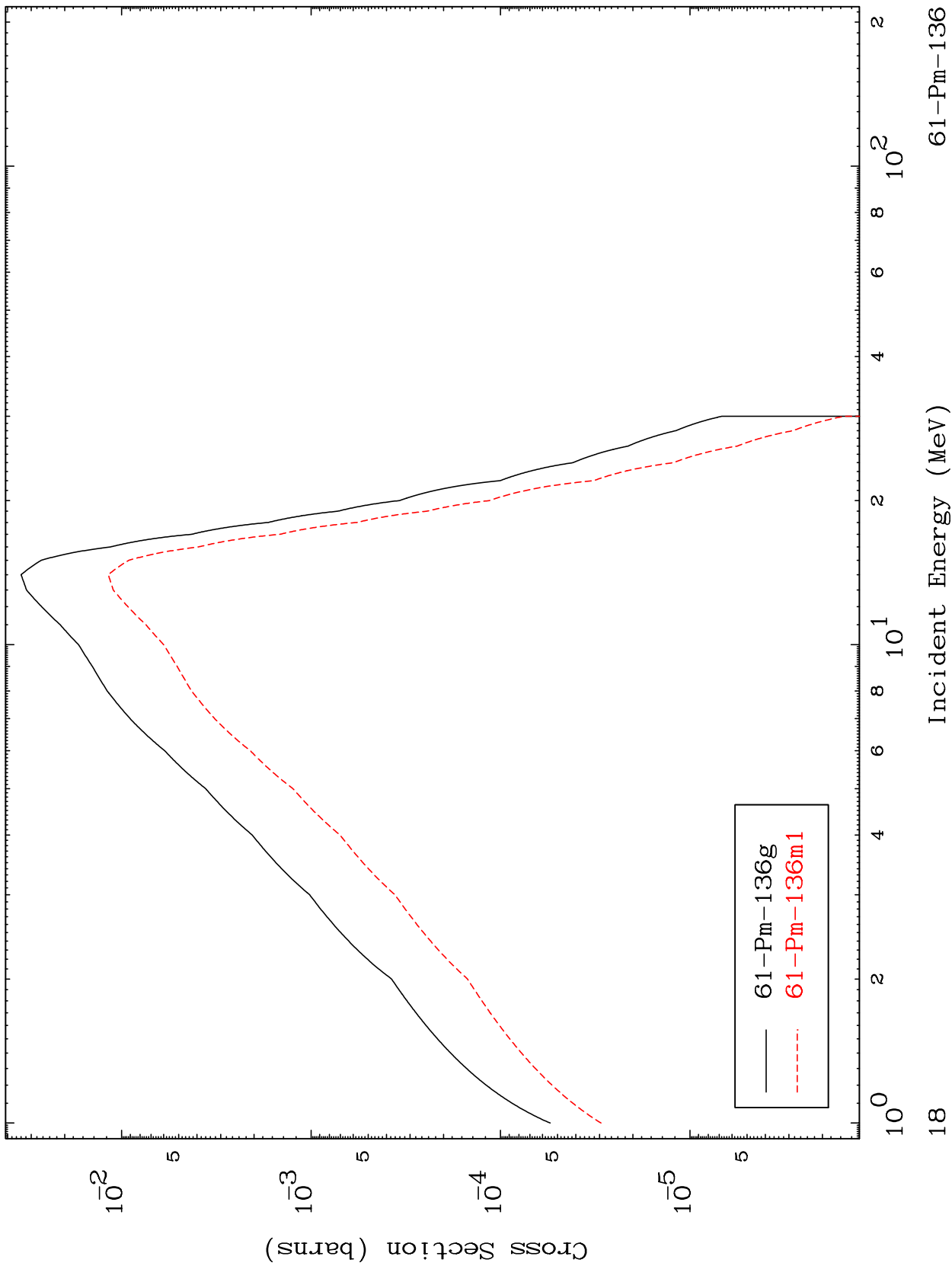
Incident Energy (MeV)

61-Pm-136

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61-Pm-136

(γ, γ)
Radionuclide Production Cross Section



61-Pm-136

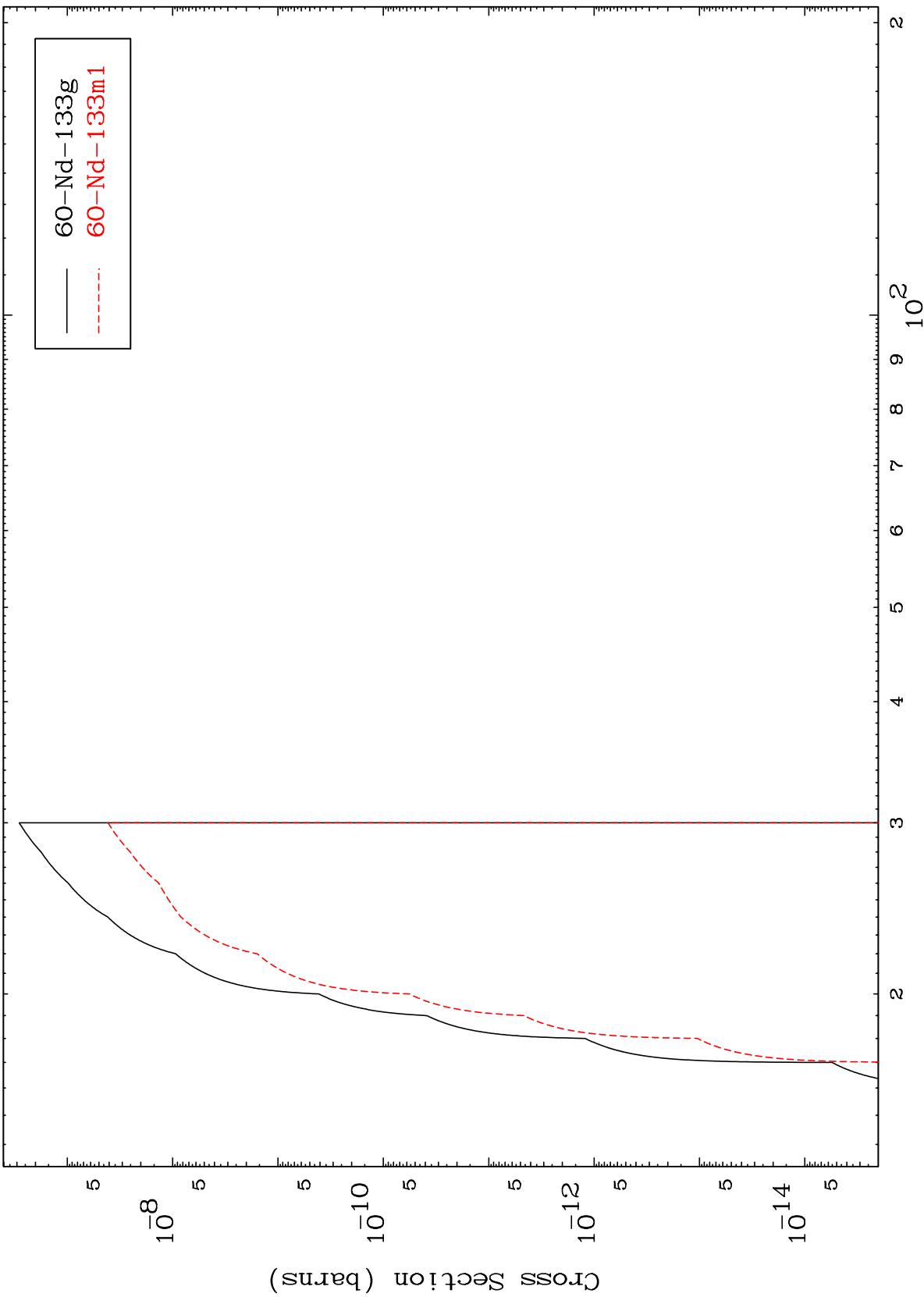
Incident Energy (MeV)

18

MAT 6116

61-Pm-136

(γ, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

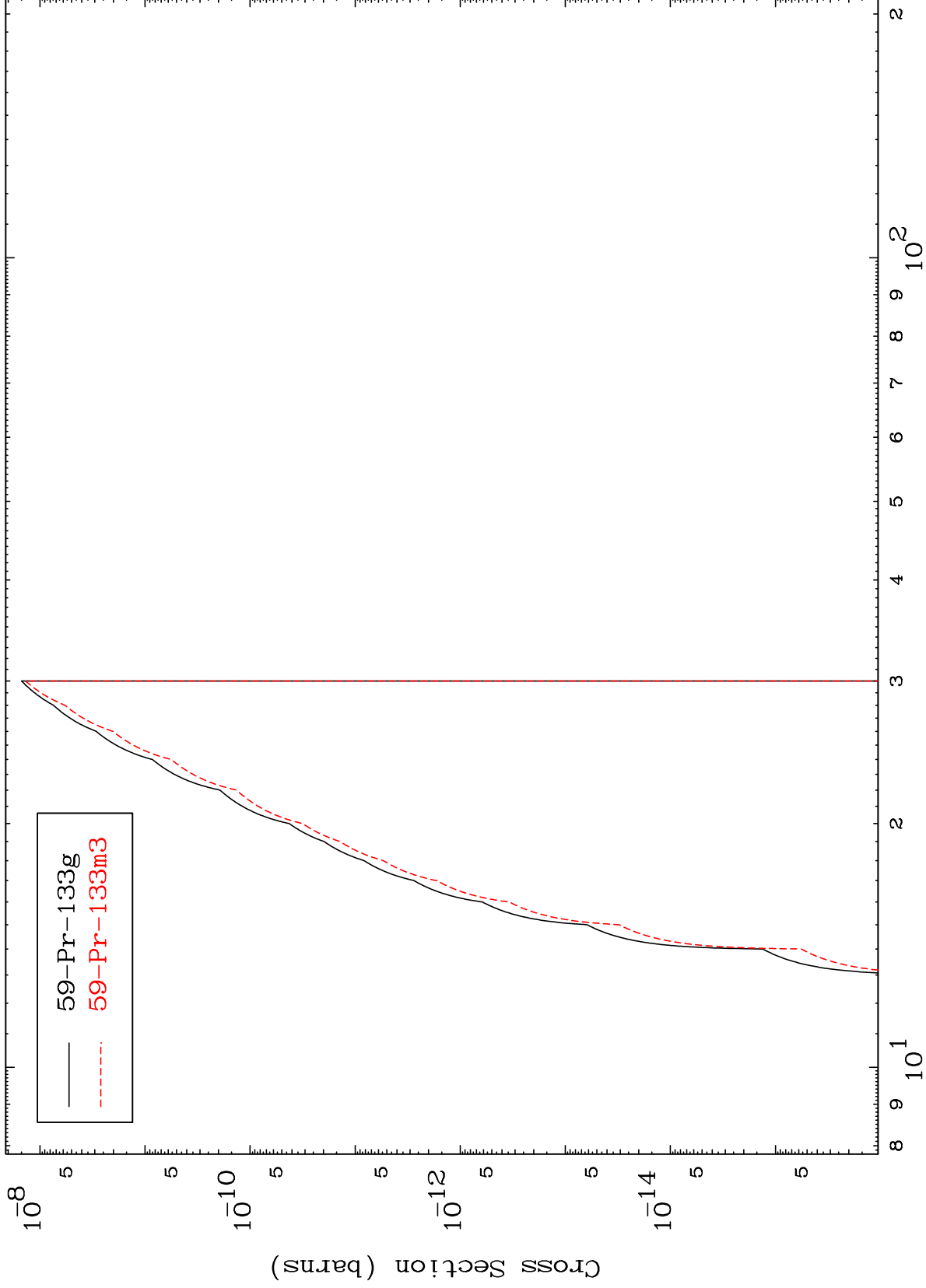
61-Pm-136

MAT 6116

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

61-Pm-136

Radionuclide Production Cross Section



20

Incident Energy (MeV)

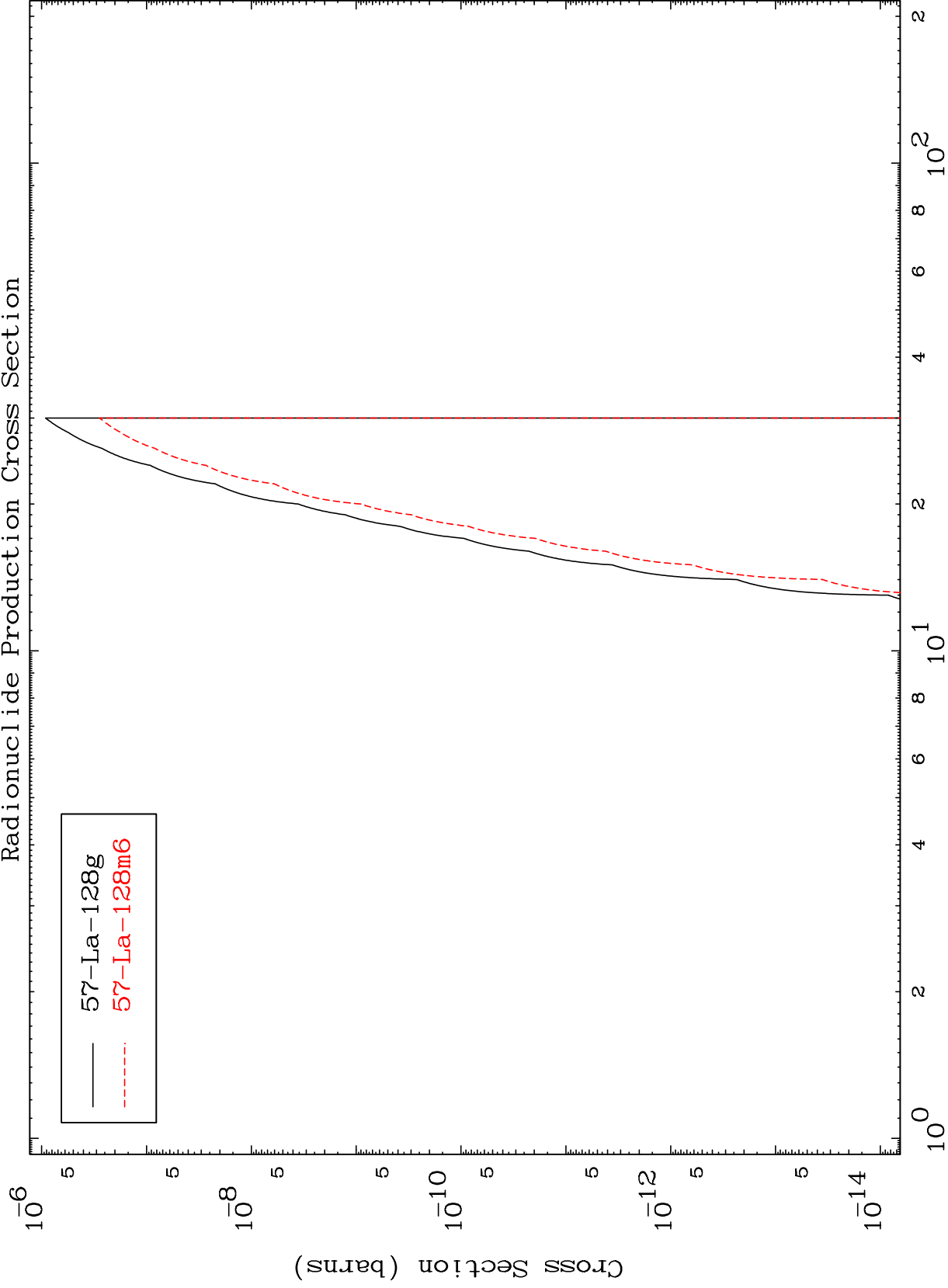
61-Pm-136

MAT 6116

($\gamma, 2\alpha$)

61-Pm-136

Radionuclide Production Cross Section



Incident Energy (MeV)

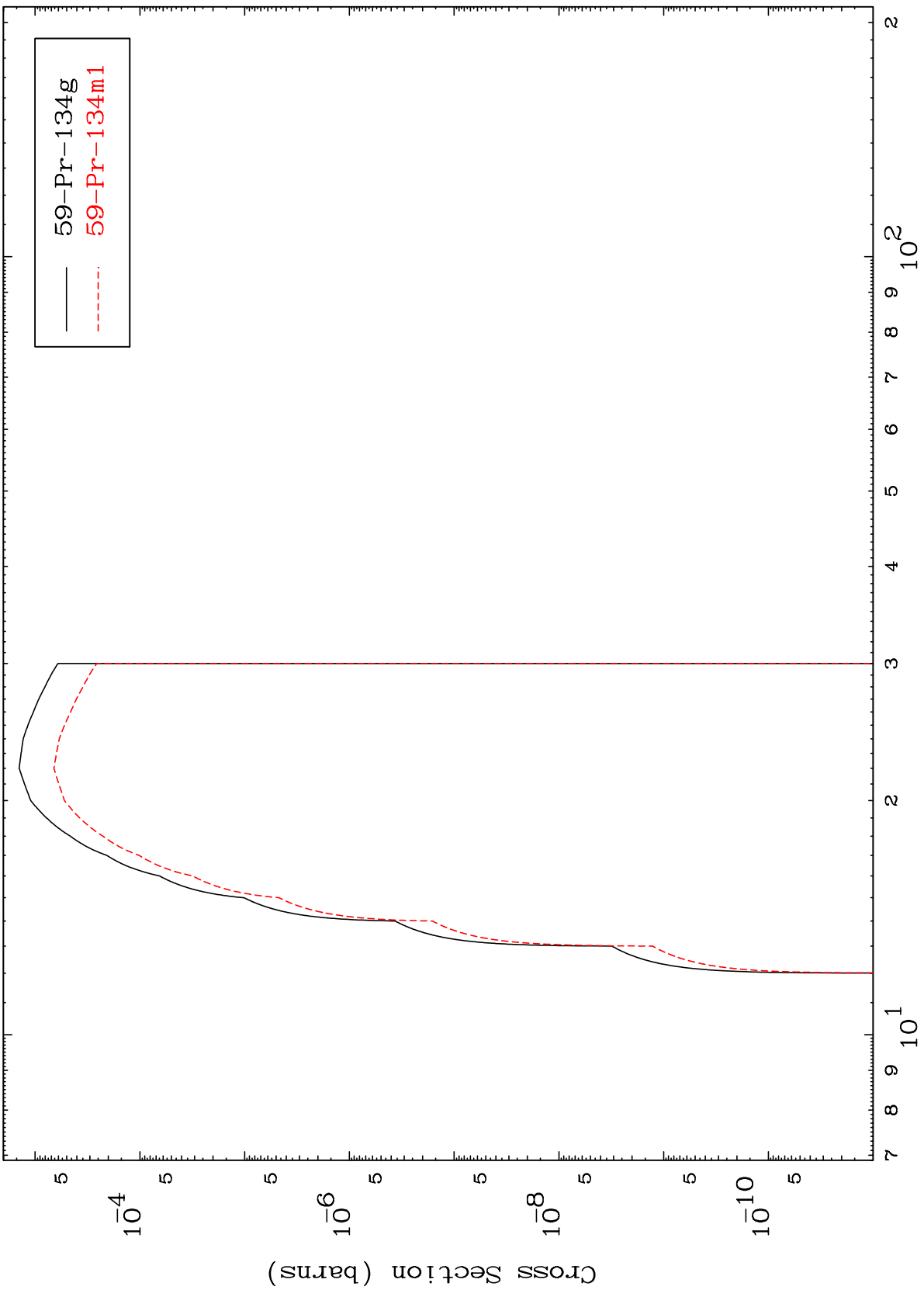
61-Pm-136

21

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61-Pm-136

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



61-Pm-136

Incident Energy (MeV)

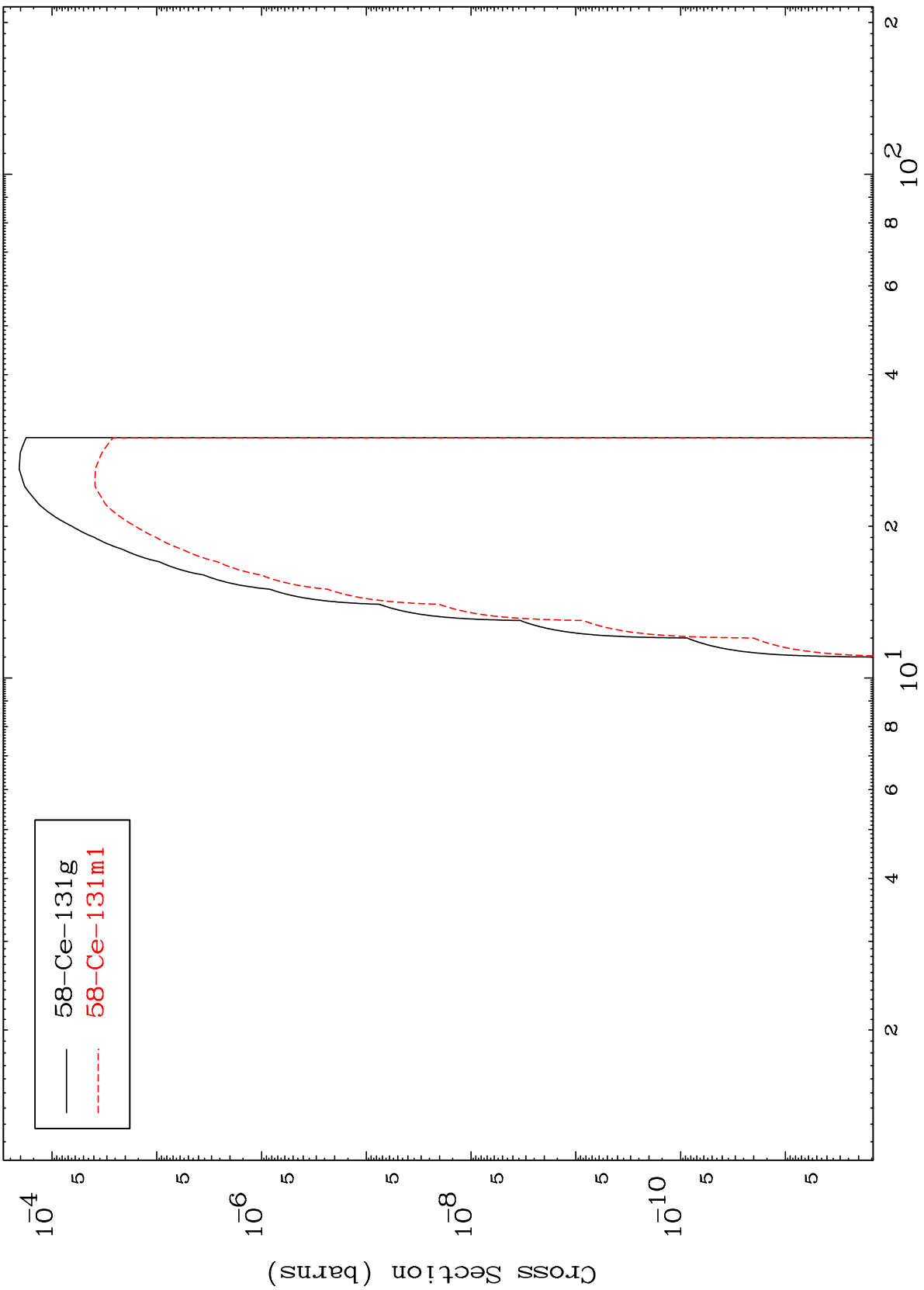
22

MAT 61116

(γ, p) α

61-Pm-136

Radionuclide Production Cross Section



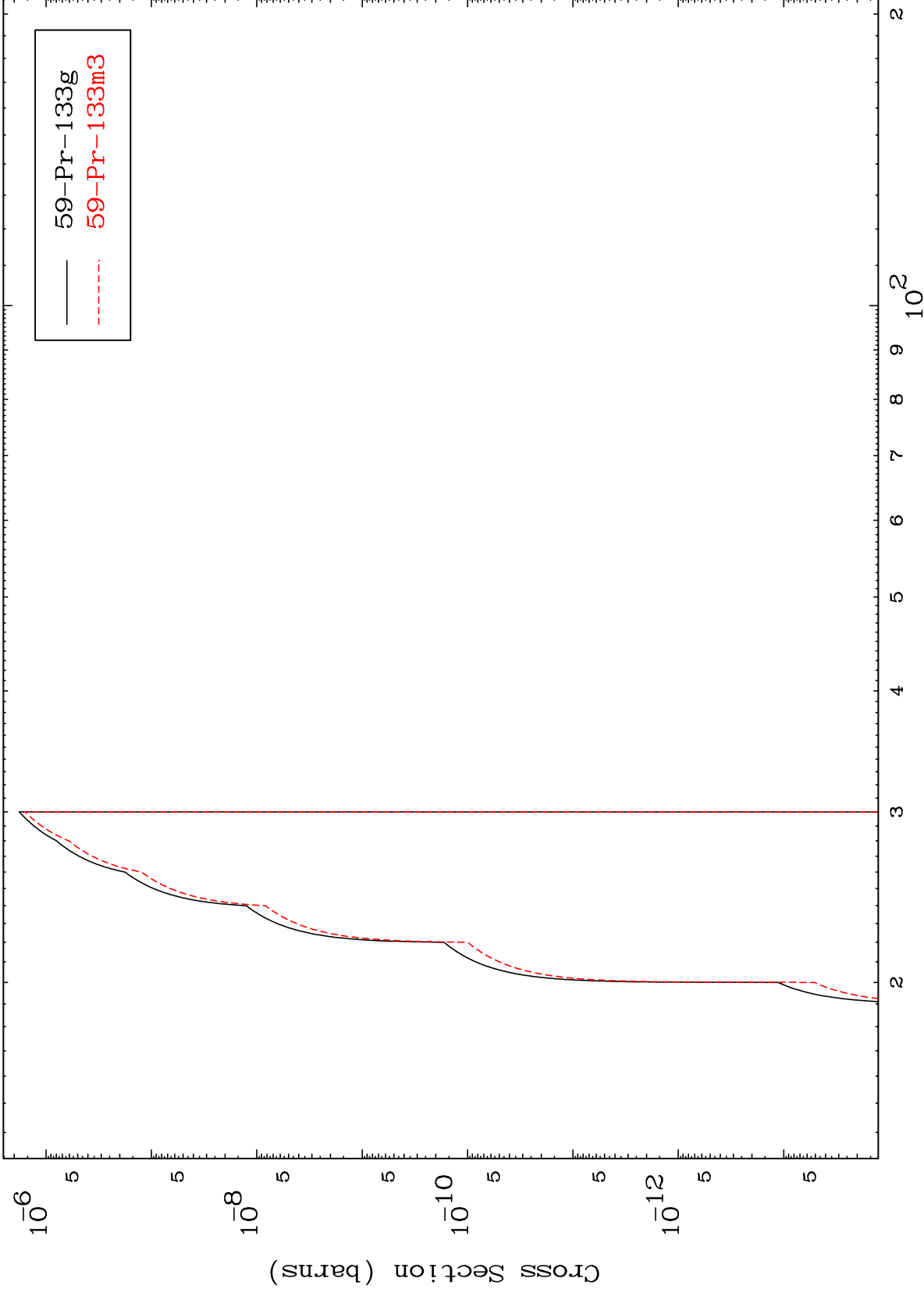
— 58-Ce-131g
- - - 58-Ce-131m1

MAT 61116

(γ, p) d

61-Pm-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-136