

Program EVALPLOT
(Version 2018-1)

by

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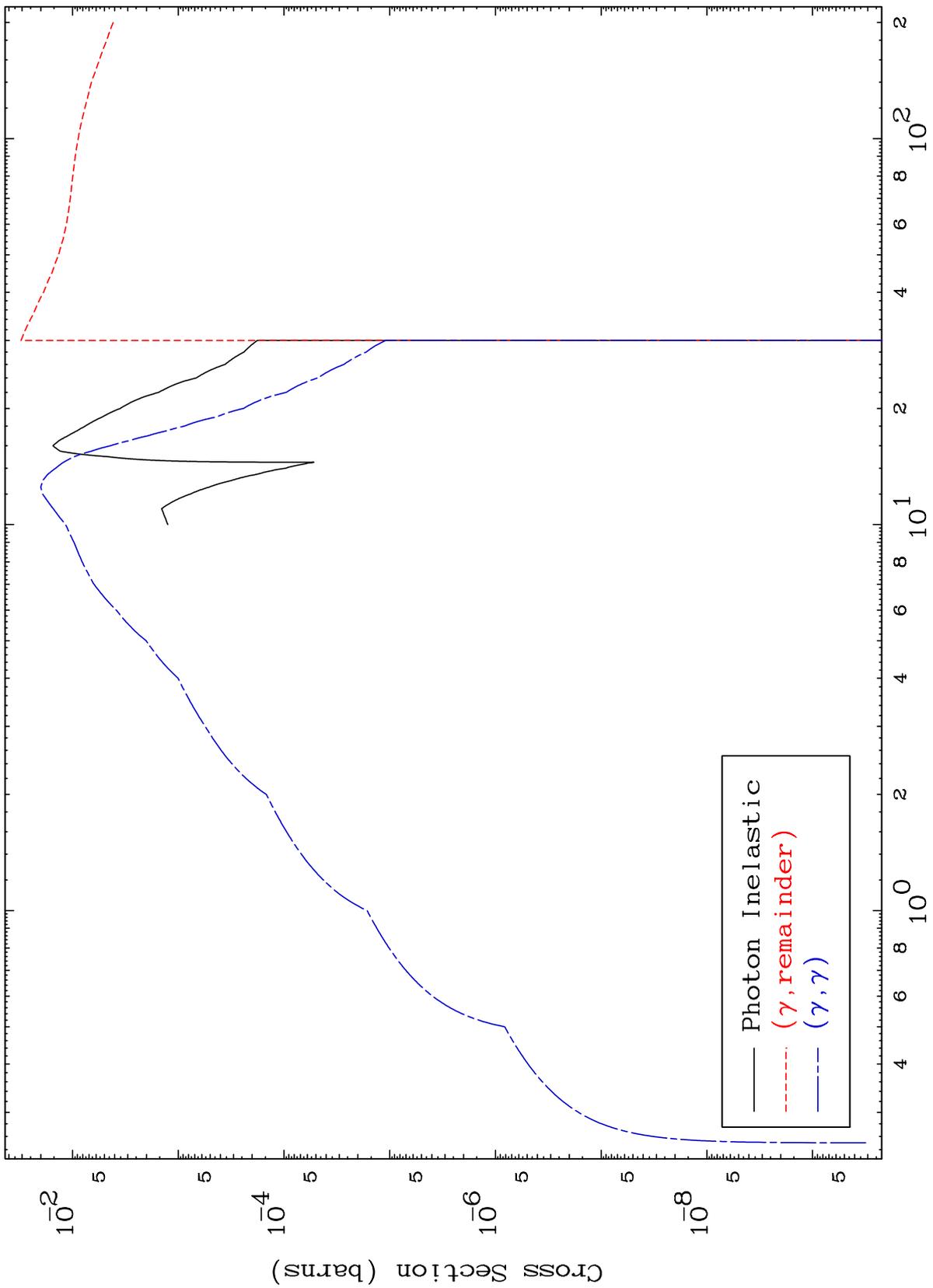
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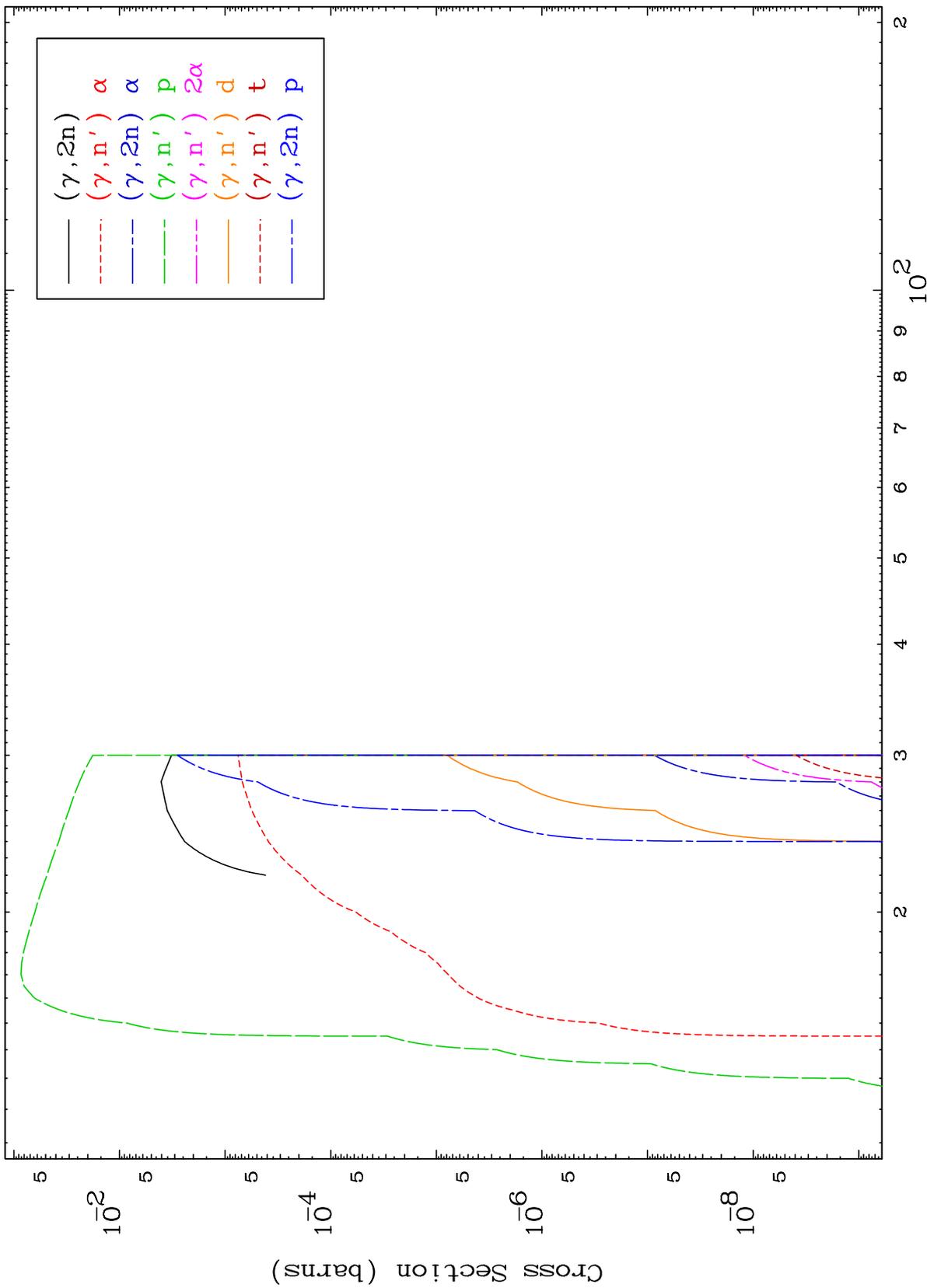
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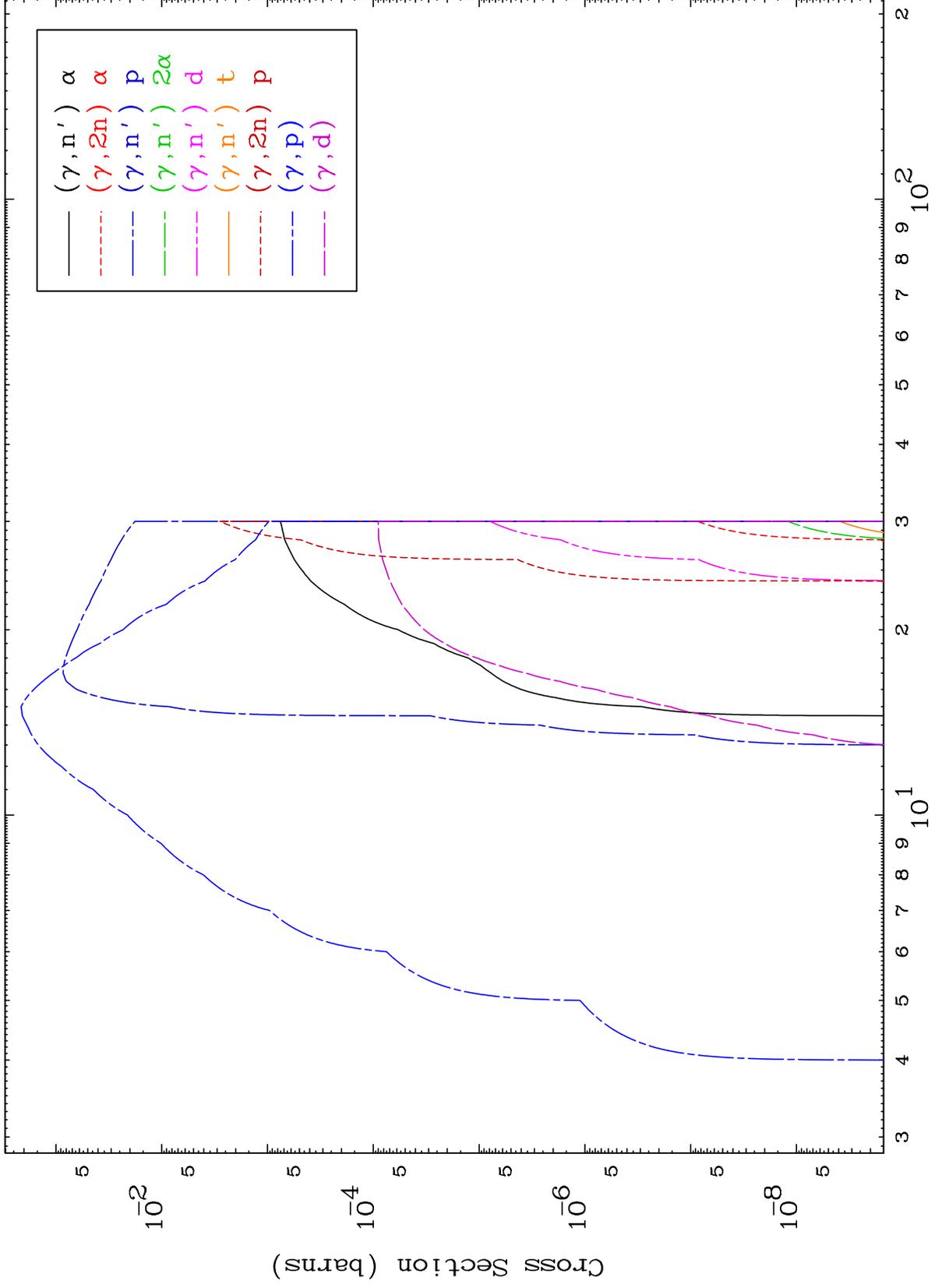
MAT 61116

Photon Major
0 Kelvin Cross Sections

61-Pm-136



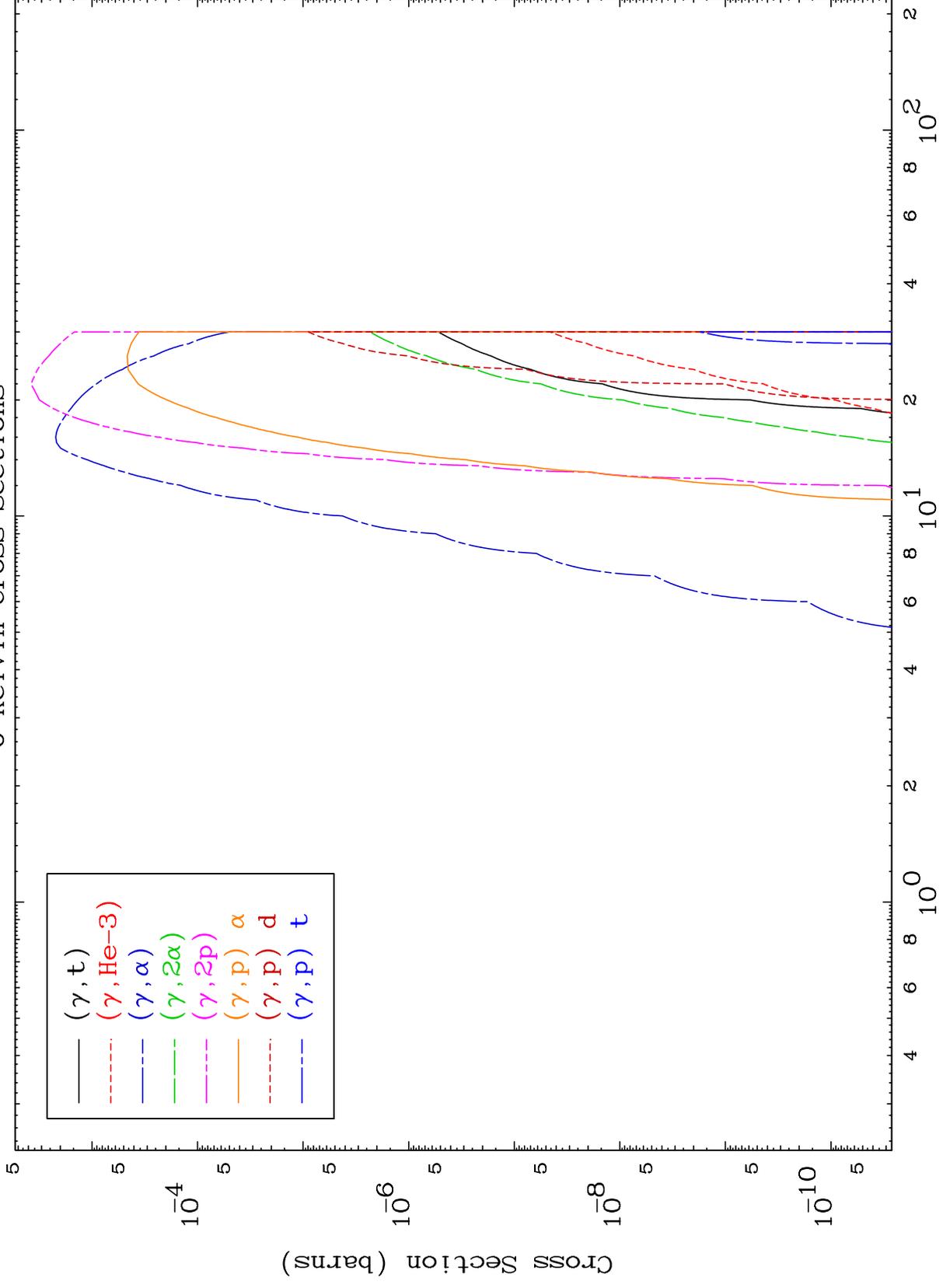




MAT 6116

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-136

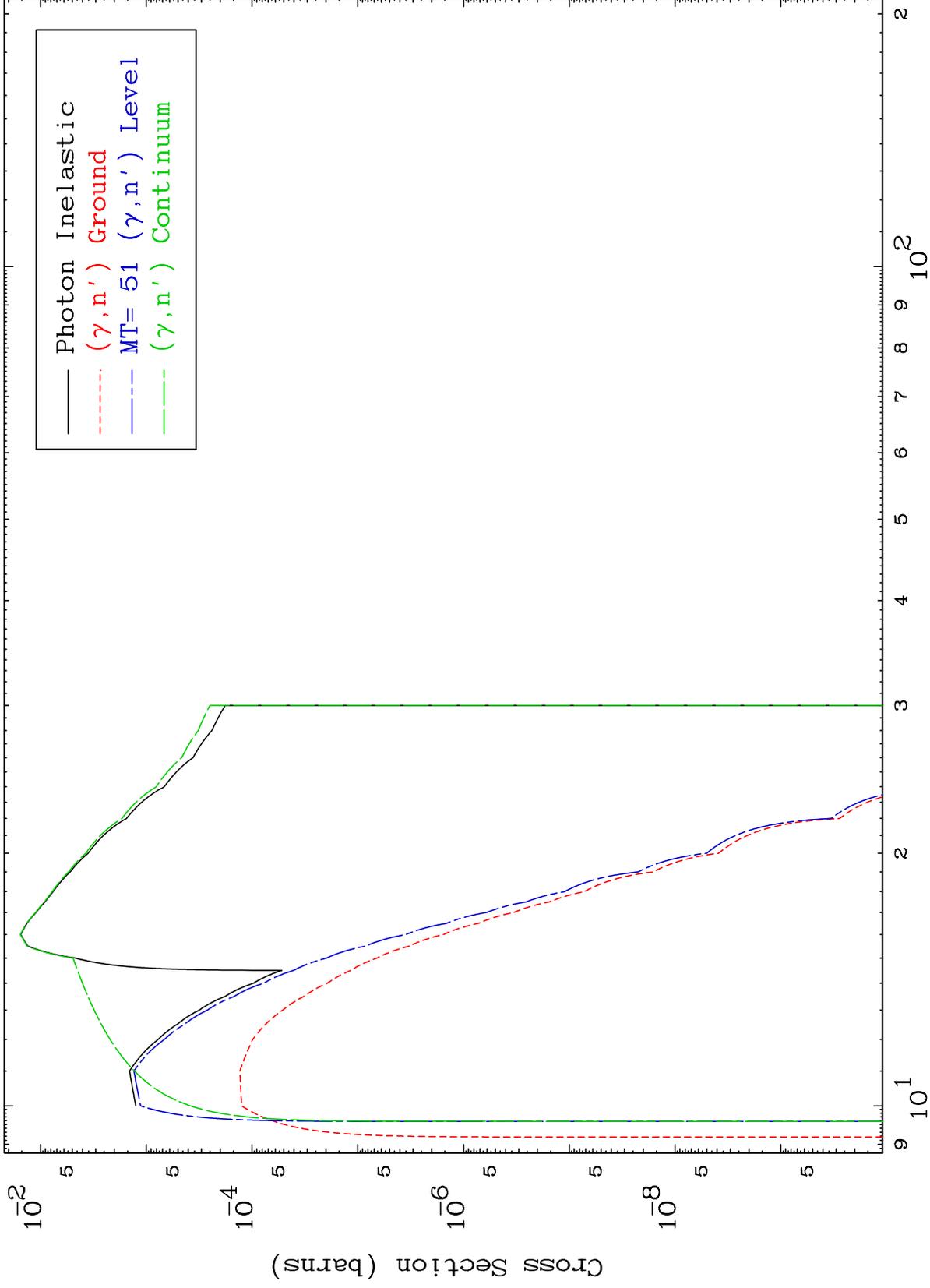


MAT 6116

(γ, n') Level

61-Pm-136

0 Kelvin Cross Sections



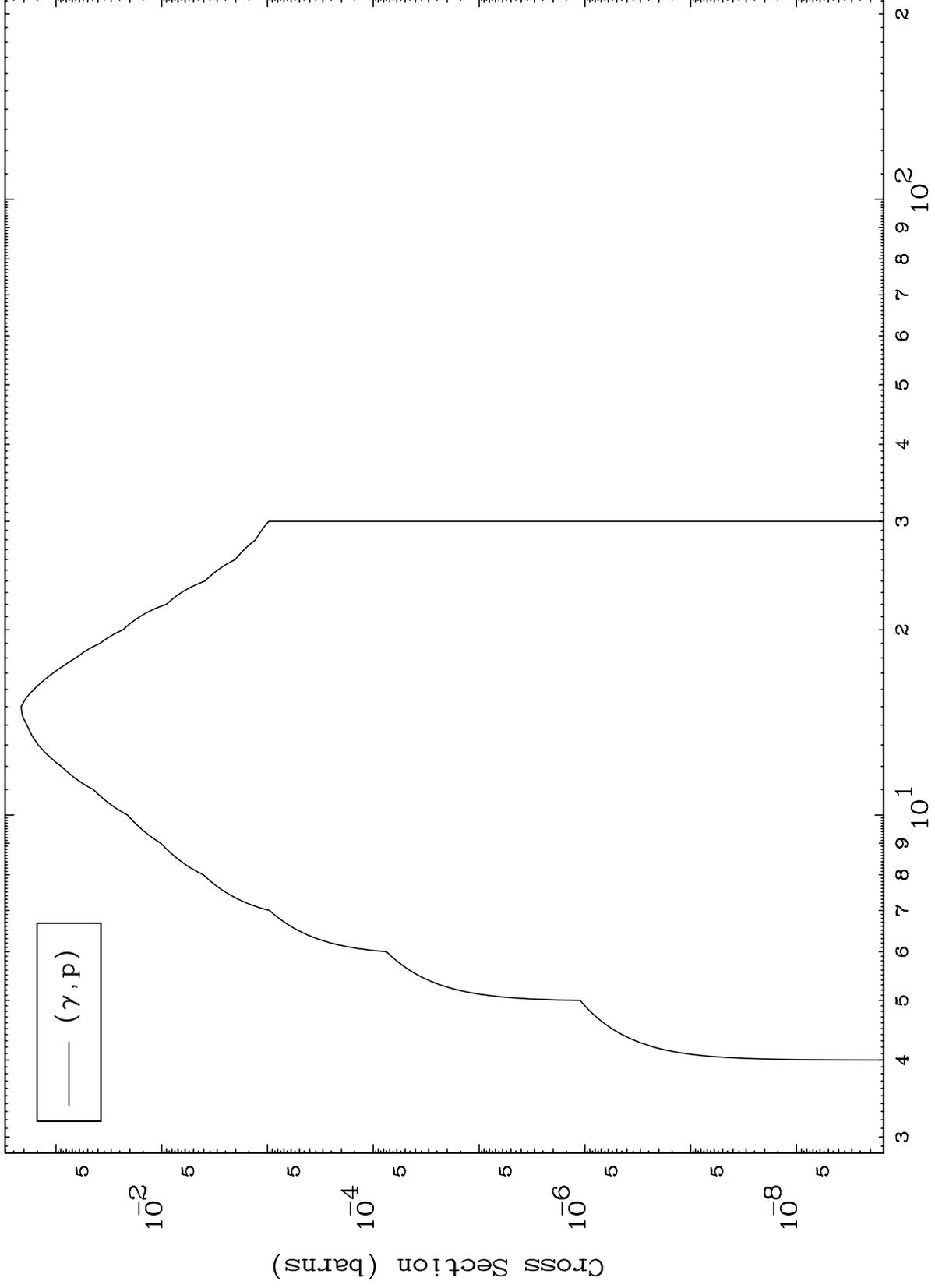
Incident Energy (MeV)

61-Pm-136

MAT 61116

61-Pm-136

(γ, p) Levels
0 Kelvin Cross Sections



61-Pm-136

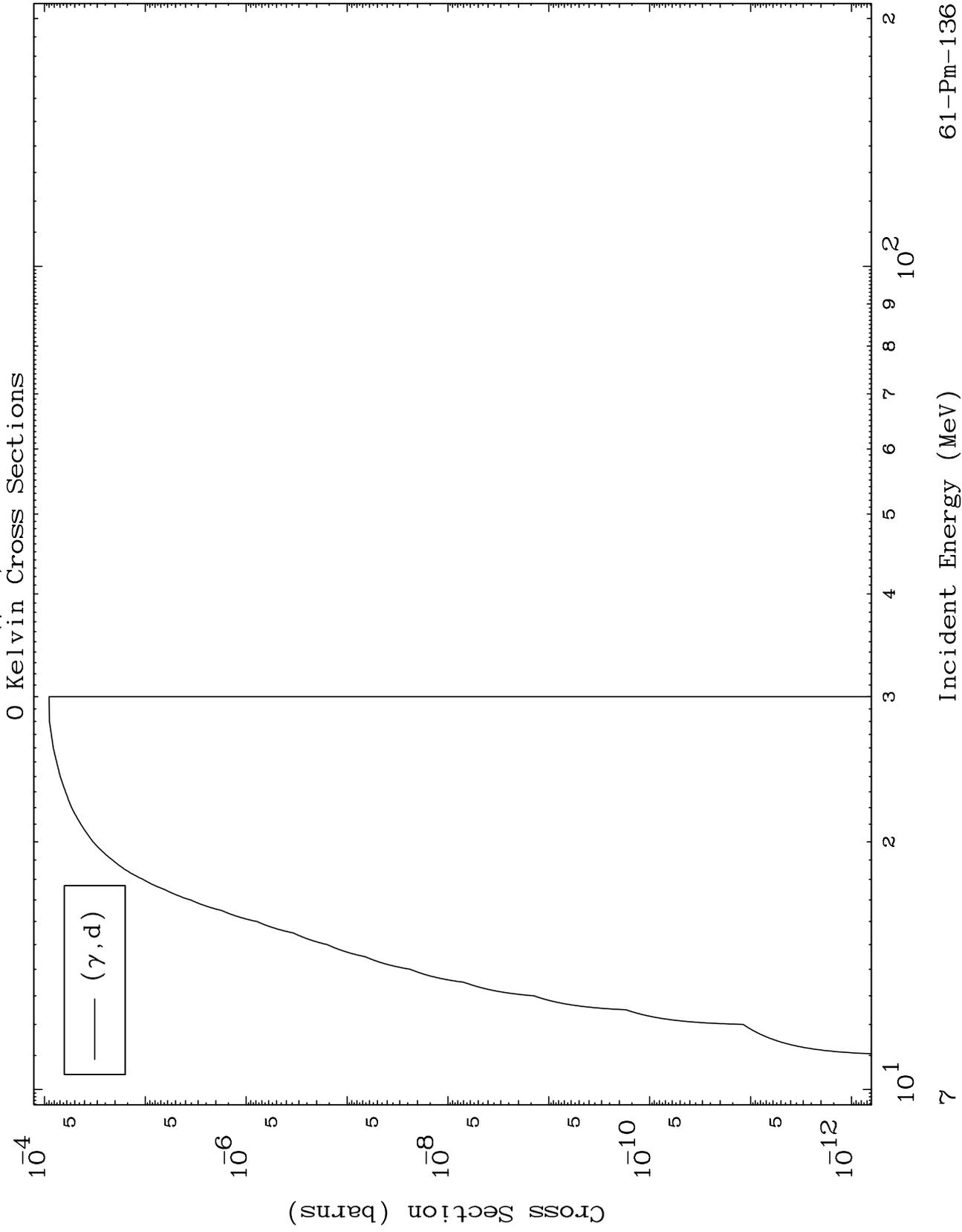
Incident Energy (MeV)

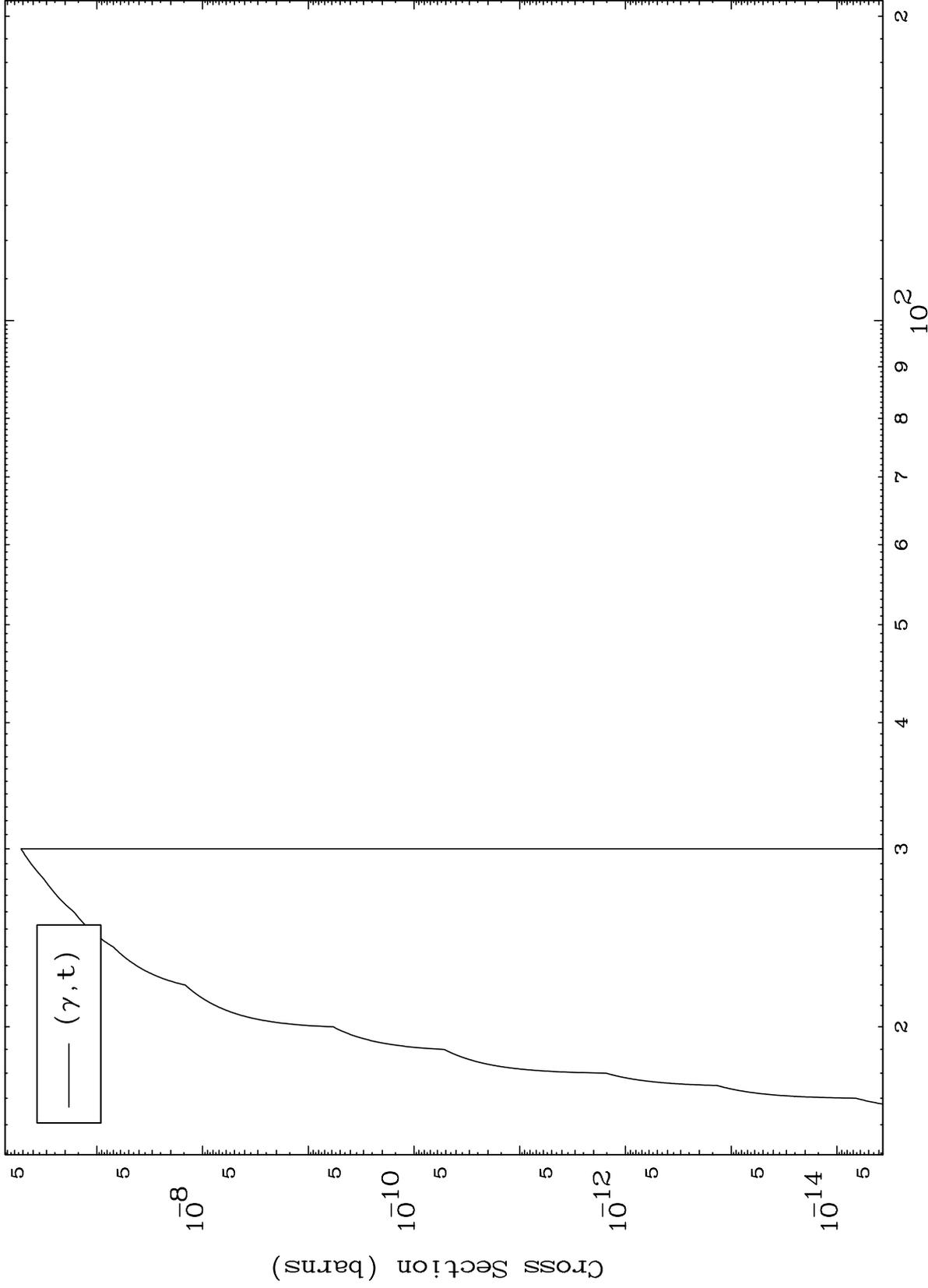
6

MAT 61116

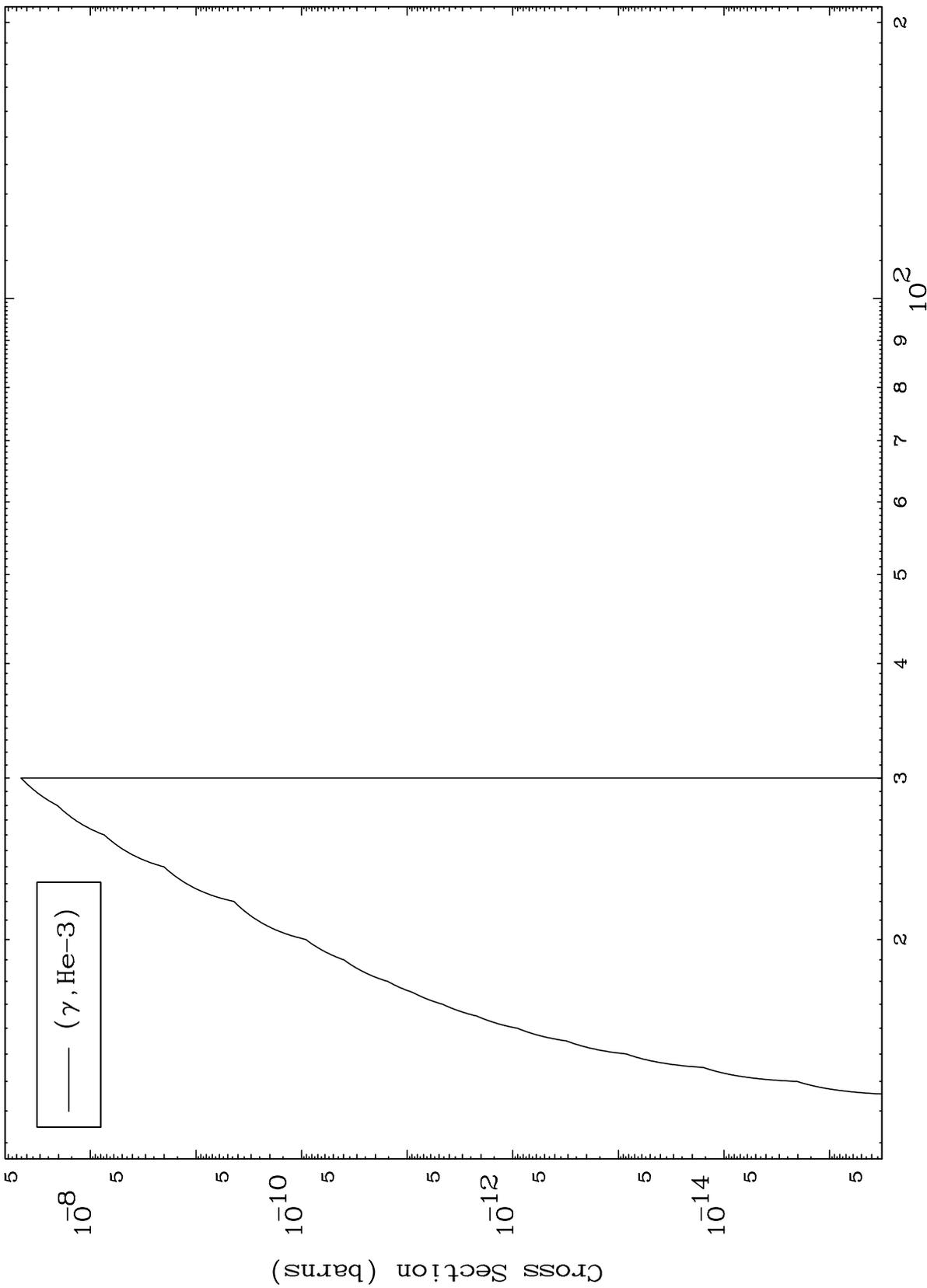
(γ, d) Levels

61-Pm-136





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

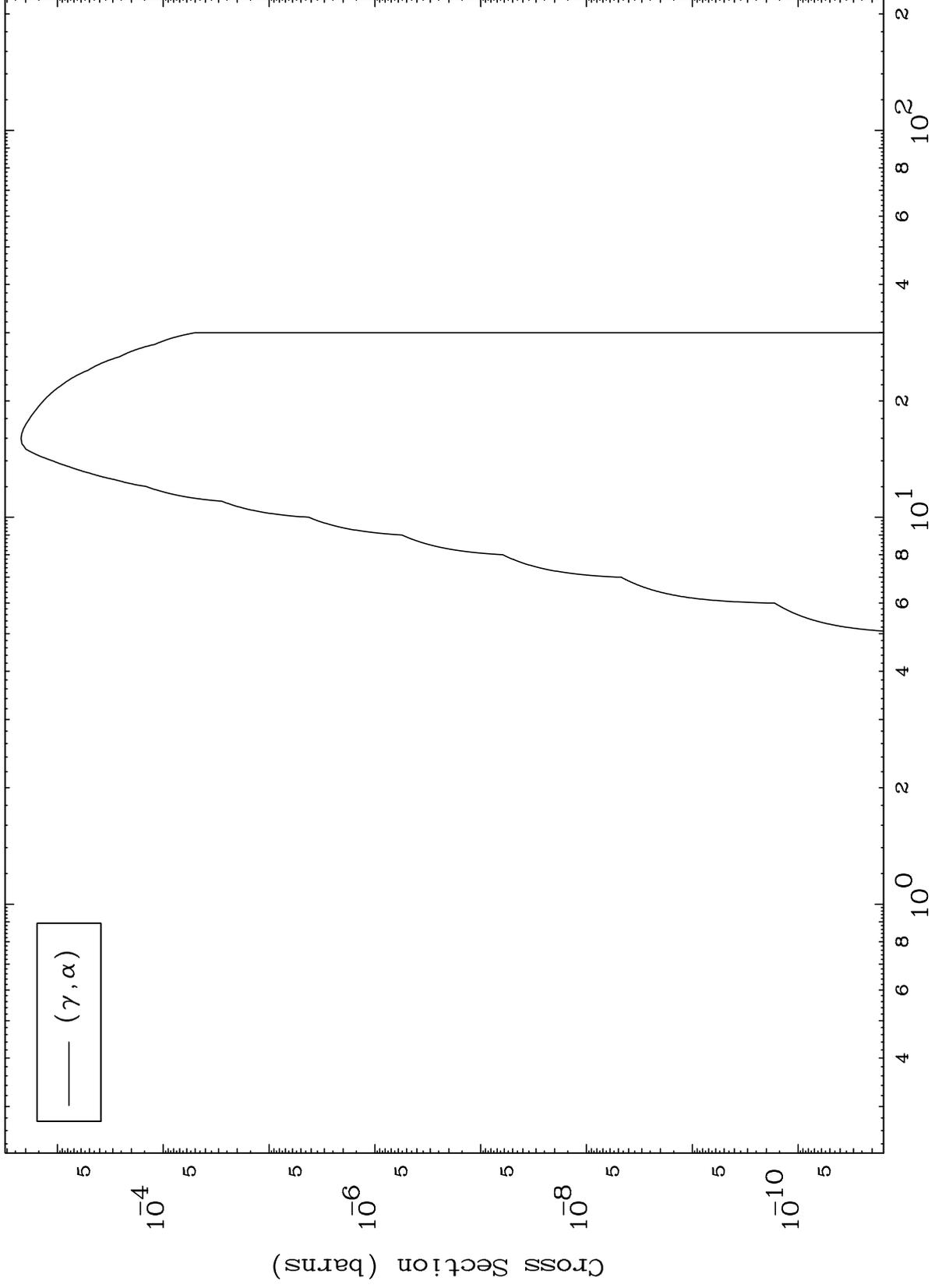


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(γ, α) Levels

61-Pm-136

0 Kelvin Cross Sections



10

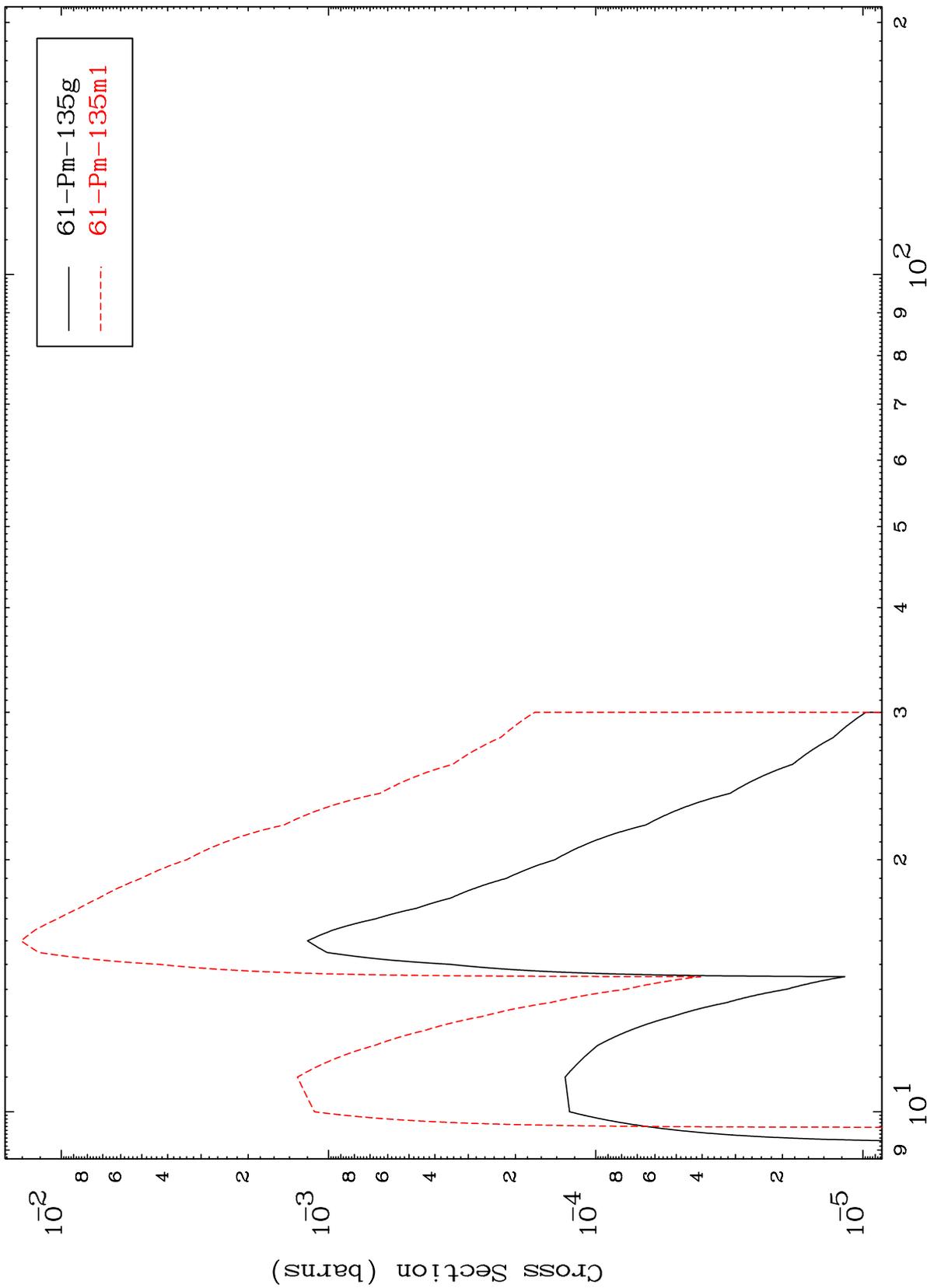
Incident Energy (MeV)

61-Pm-136

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61-Pm-136

Photon Inelastic
Radionuclide Production Cross Section



61-Pm-136

Incident Energy (MeV)

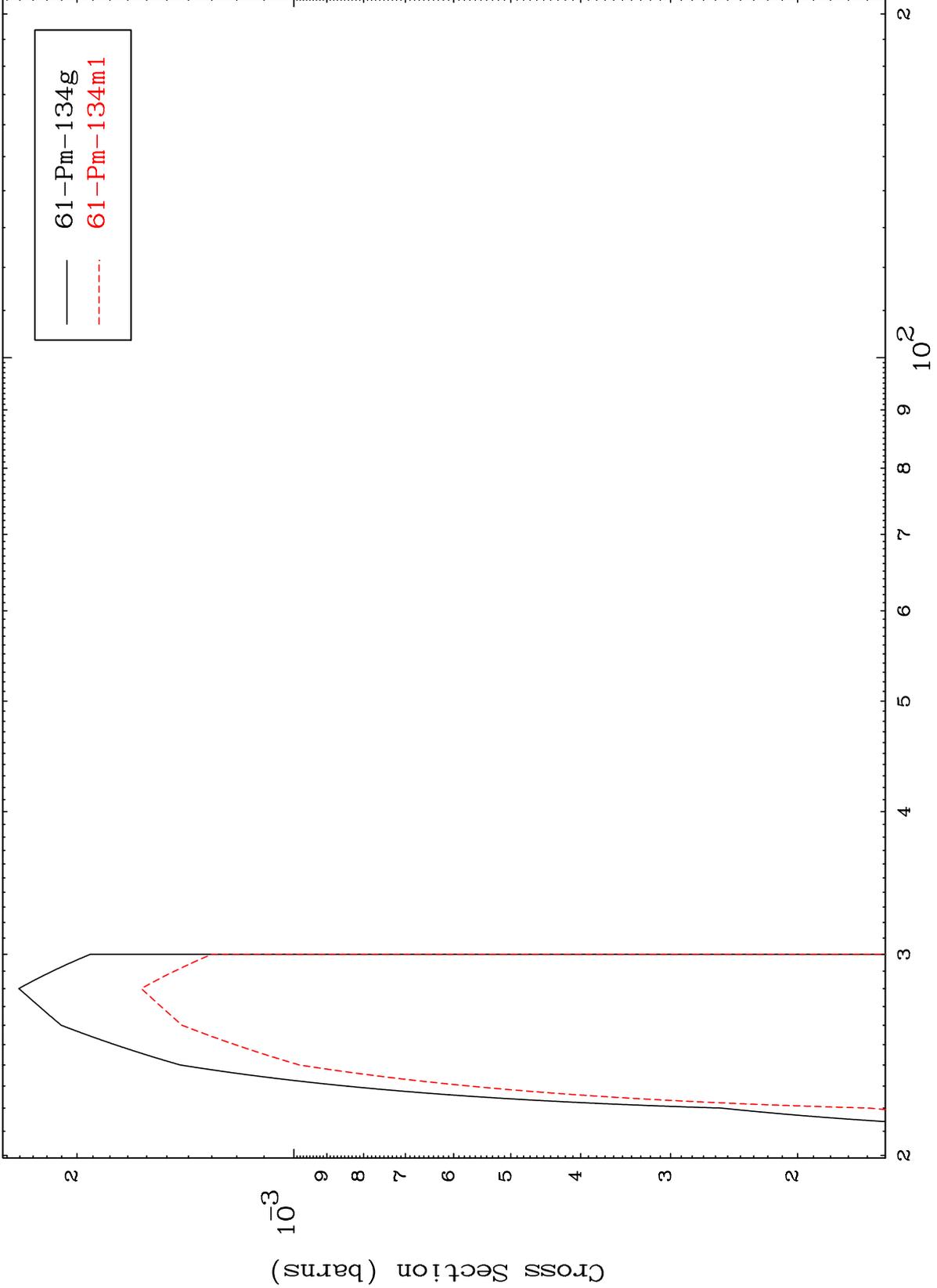
11

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($\gamma, 2n$)

61-Pm-136

Radionuclide Production Cross Section



61-Pm-134g
61-Pm-134m1

12

Incident Energy (MeV)

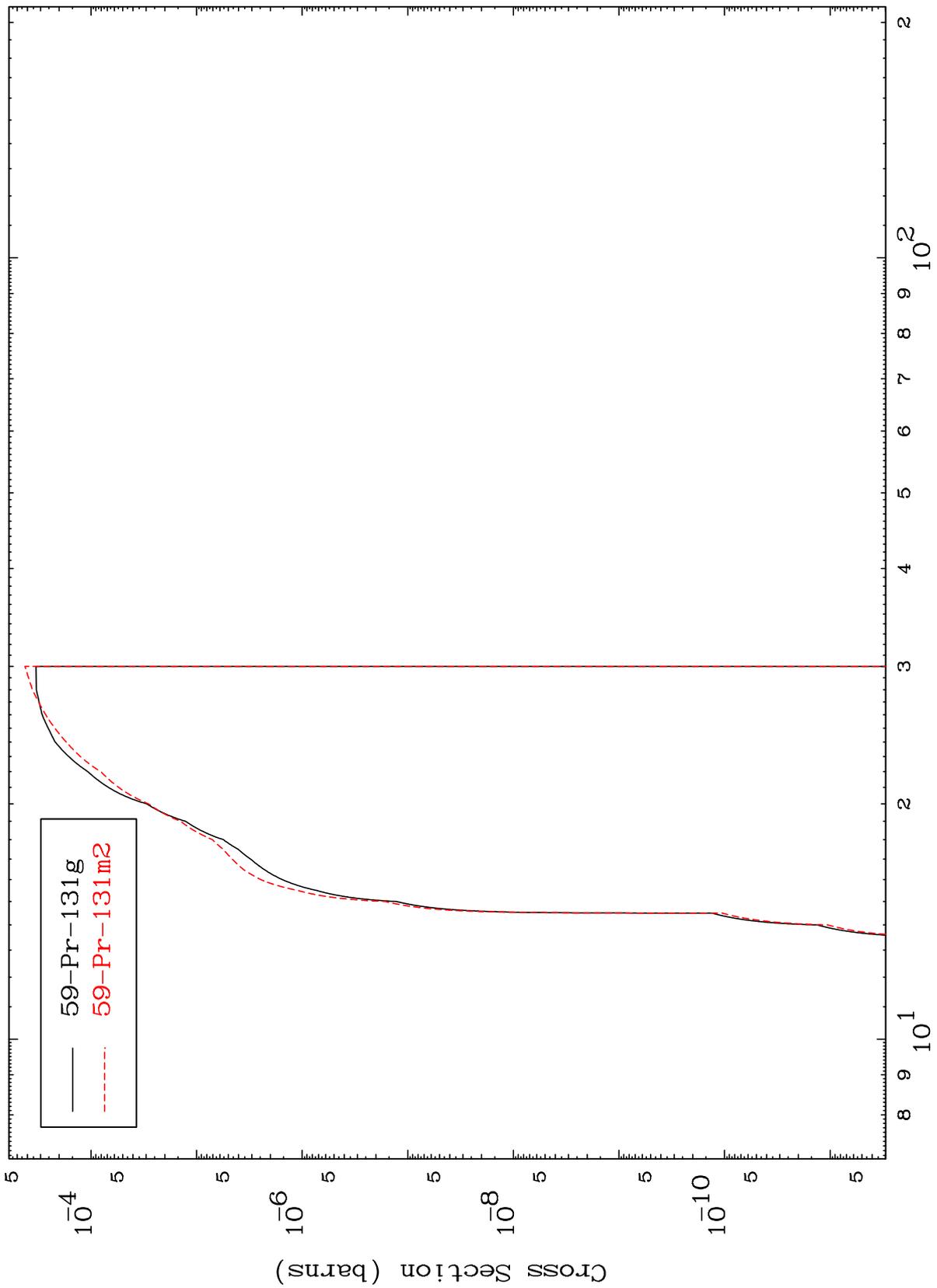
61-Pm-136

MAT 6116

61-Pm-136

(γ, n') α

Radionuclide Production Cross Section



13

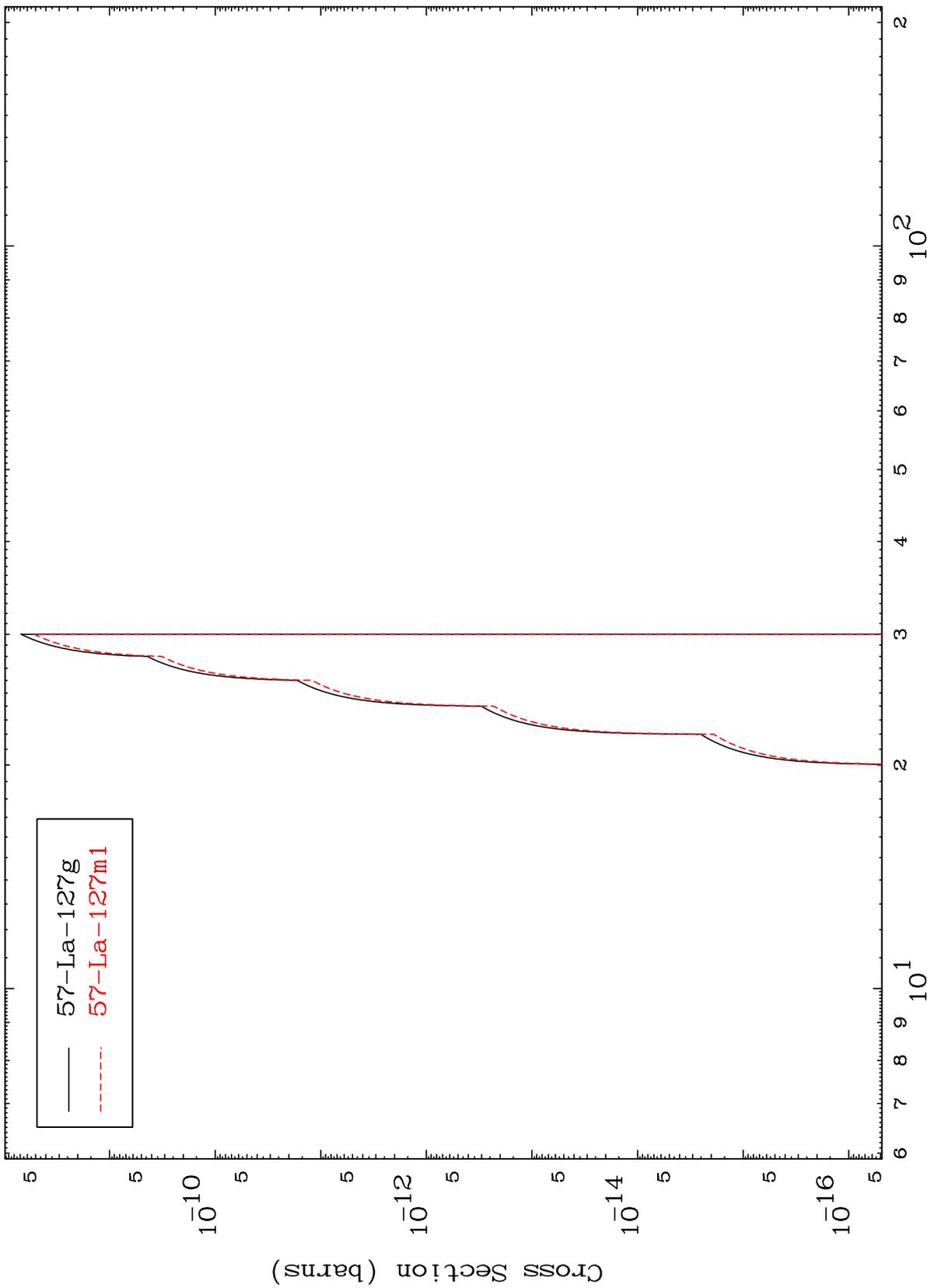
Incident Energy (MeV)

61-Pm-136

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61-Pm-136

(γ, n') 2α
Radionuclide Production Cross Section



— 57-La-127g
- - - 57-La-127m1

61-Pm-136

Incident Energy (MeV)

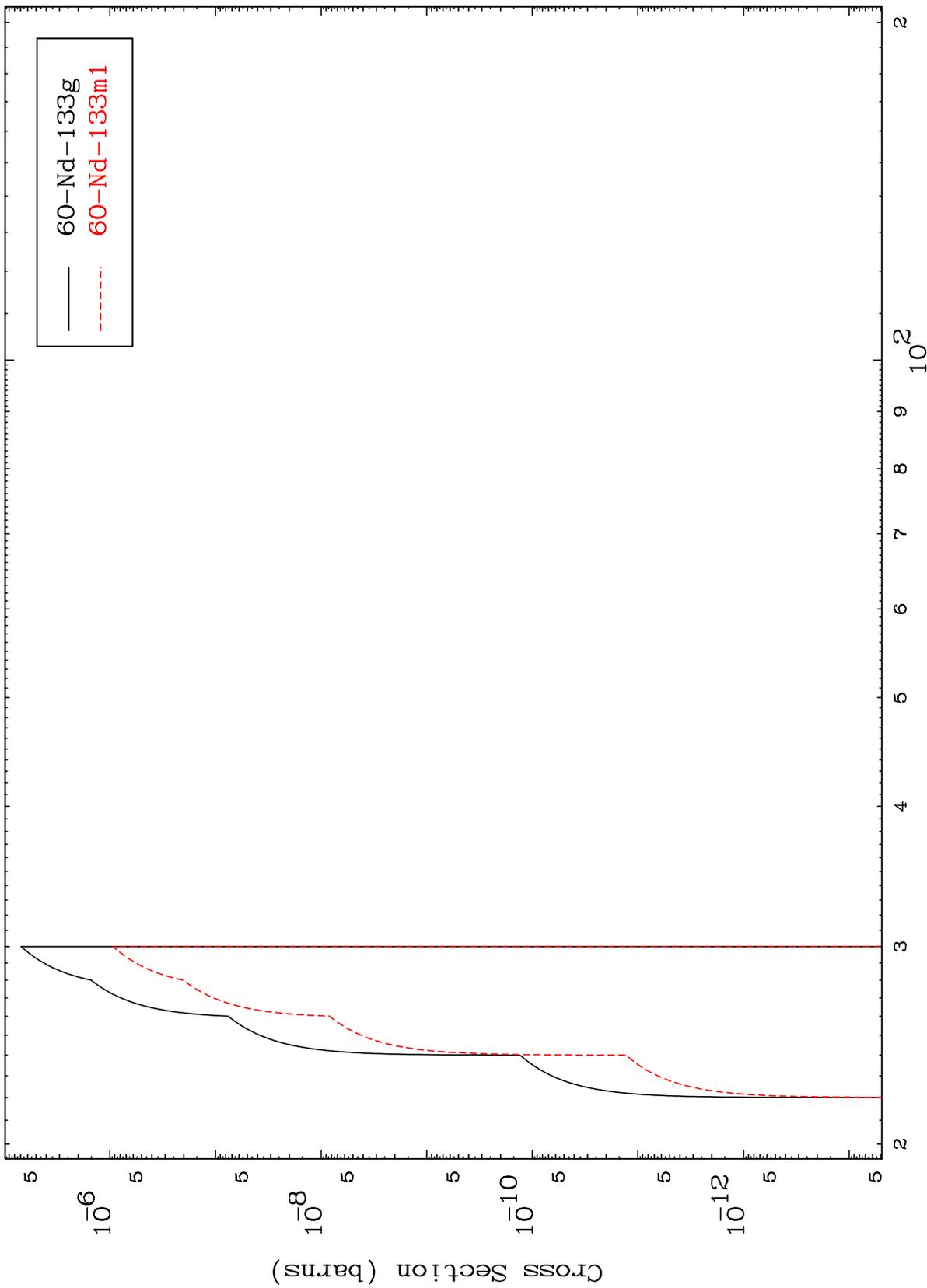
14

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(γ, n') d

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

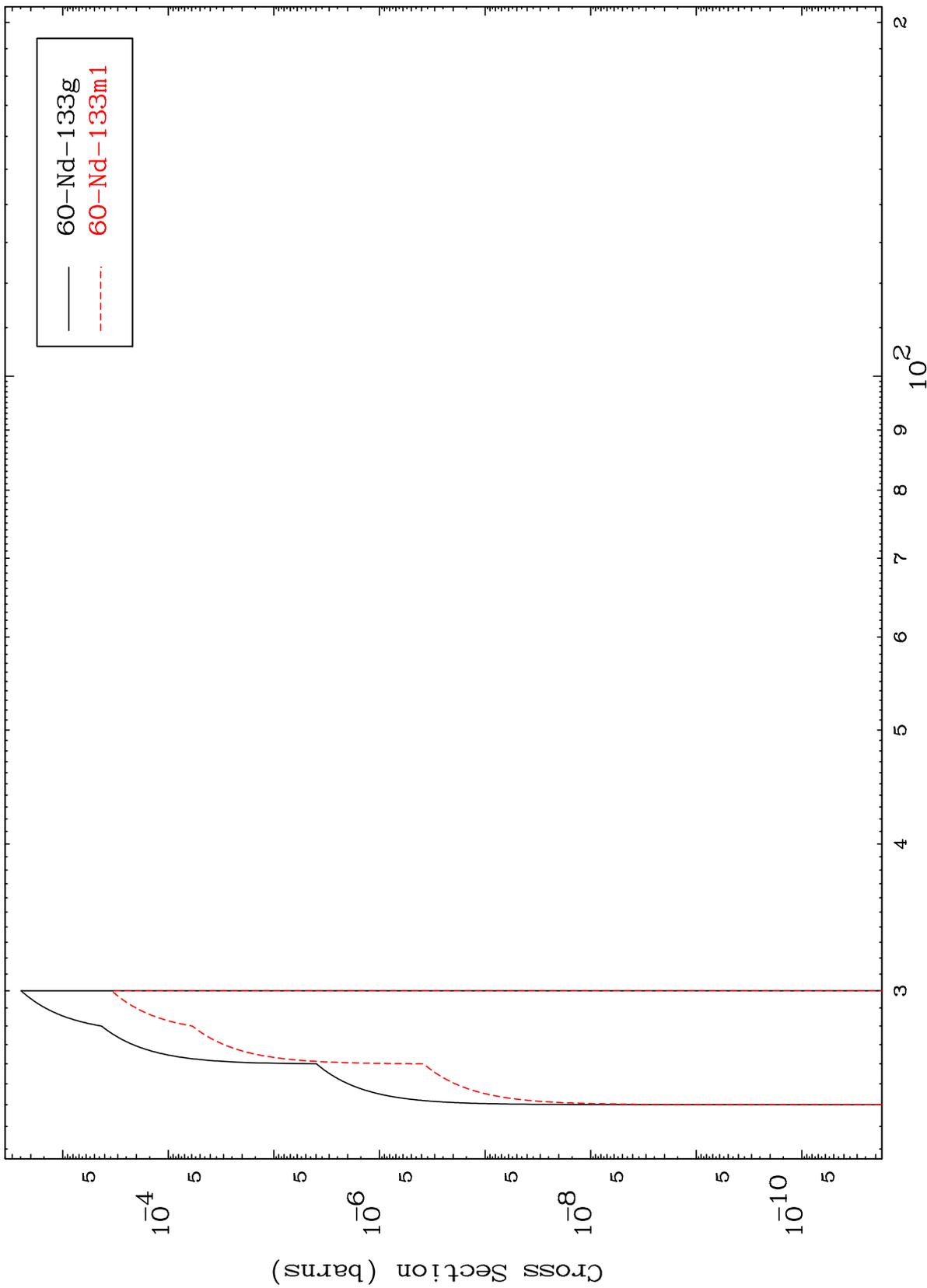
61-Pm-136

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($\gamma, 2n$) p

61-Pm-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

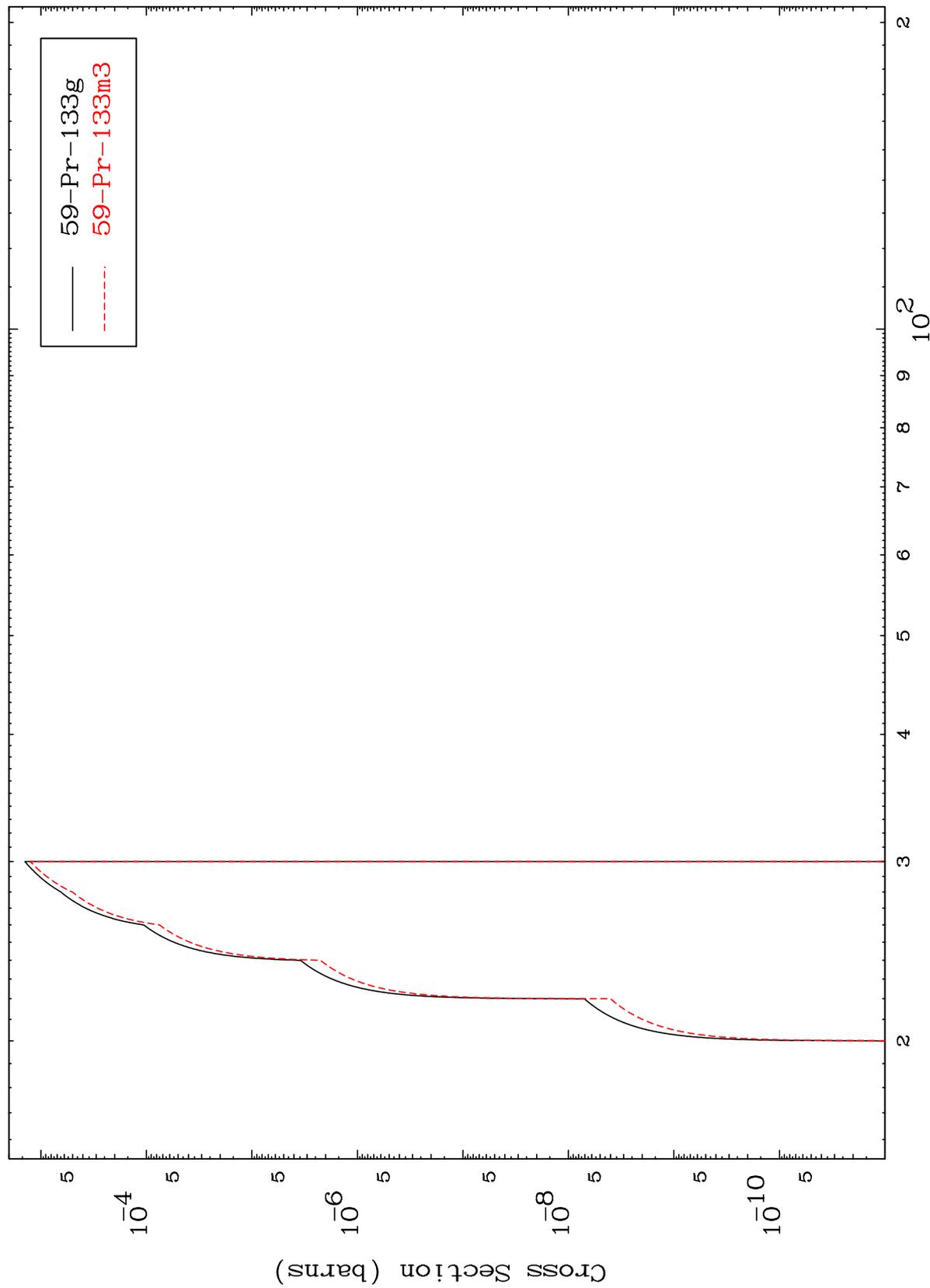
61-Pm-136

MAT 6116

($\gamma, 2n$) p

61-Pm-136

Radionuclide Production Cross Section



17

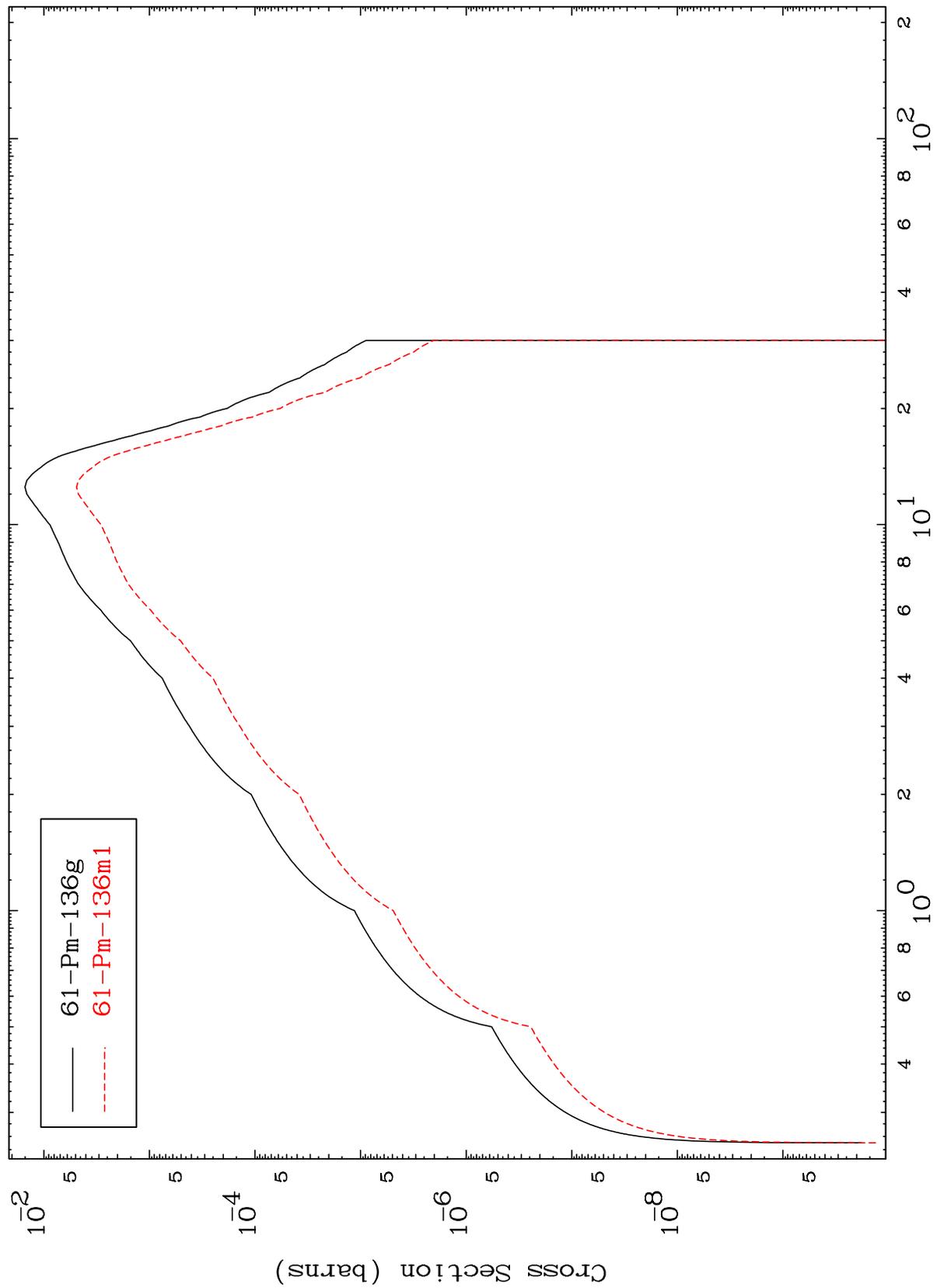
Incident Energy (MeV)

61-Pm-136

MAT 6116

61-Pm-136

(γ, γ)
Radionuclide Production Cross Section

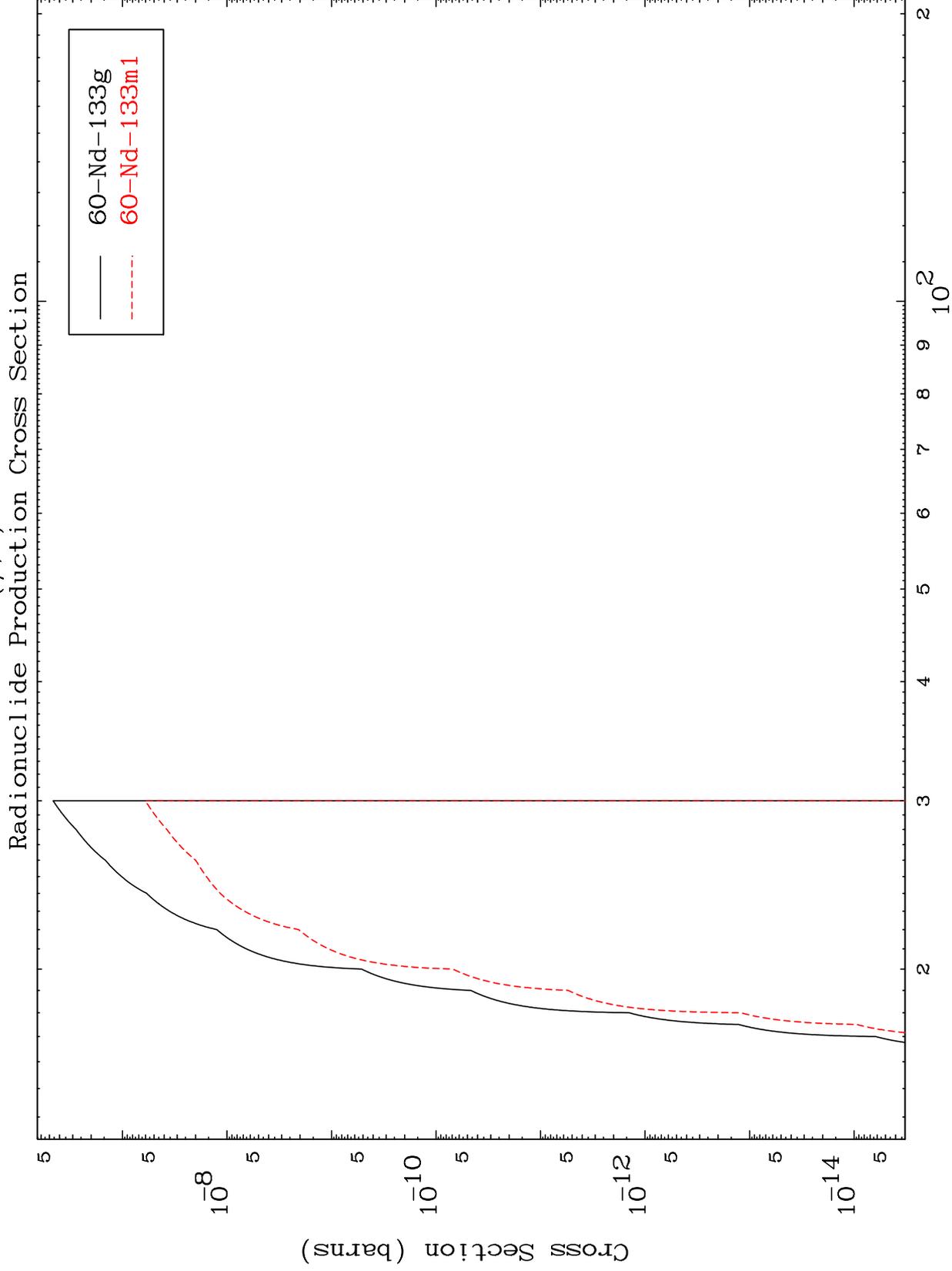


61-Pm-136g
61-Pm-136m1

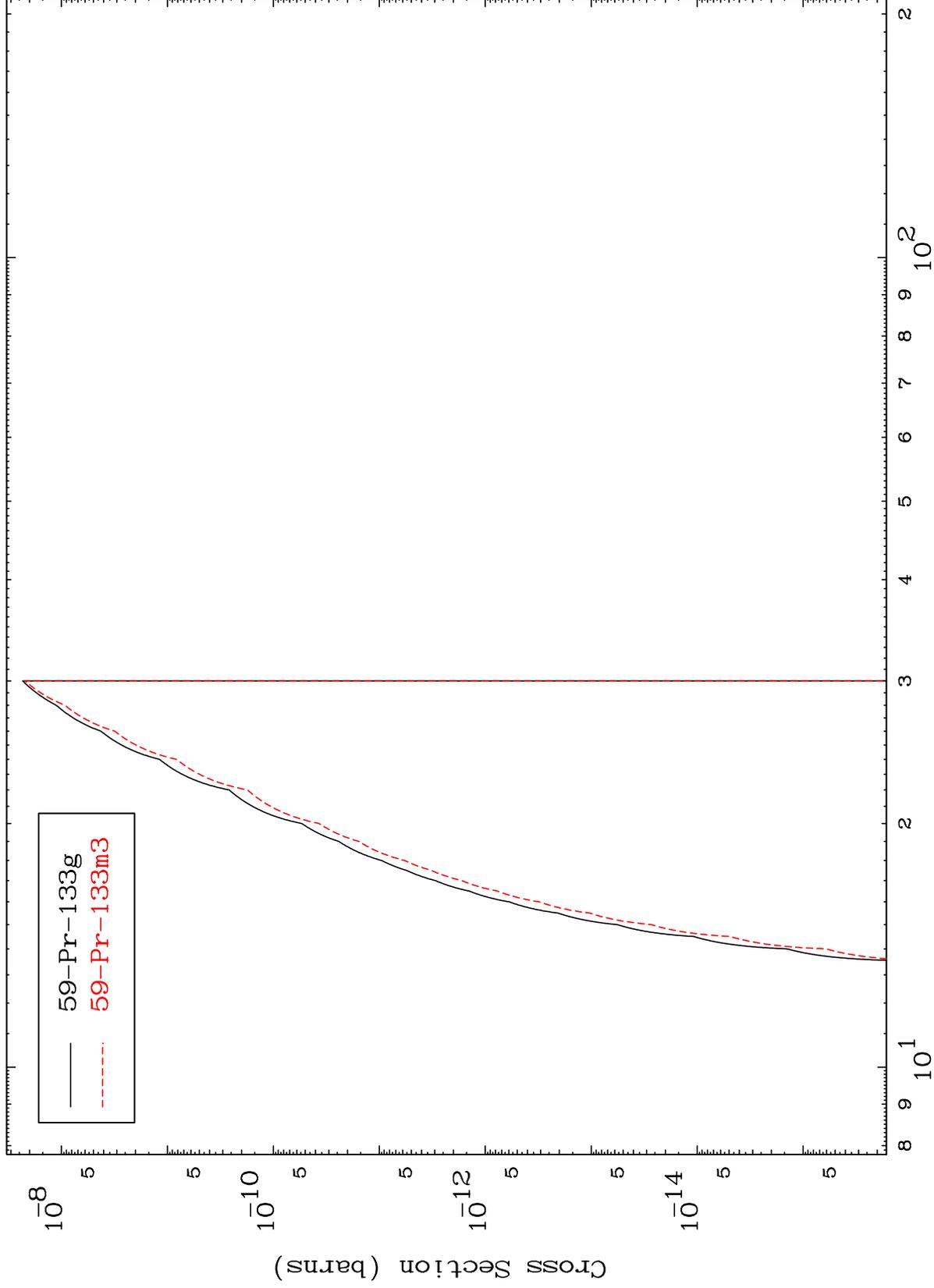
18

Incident Energy (MeV)

61-Pm-136



Radionuclide Production Cross Section

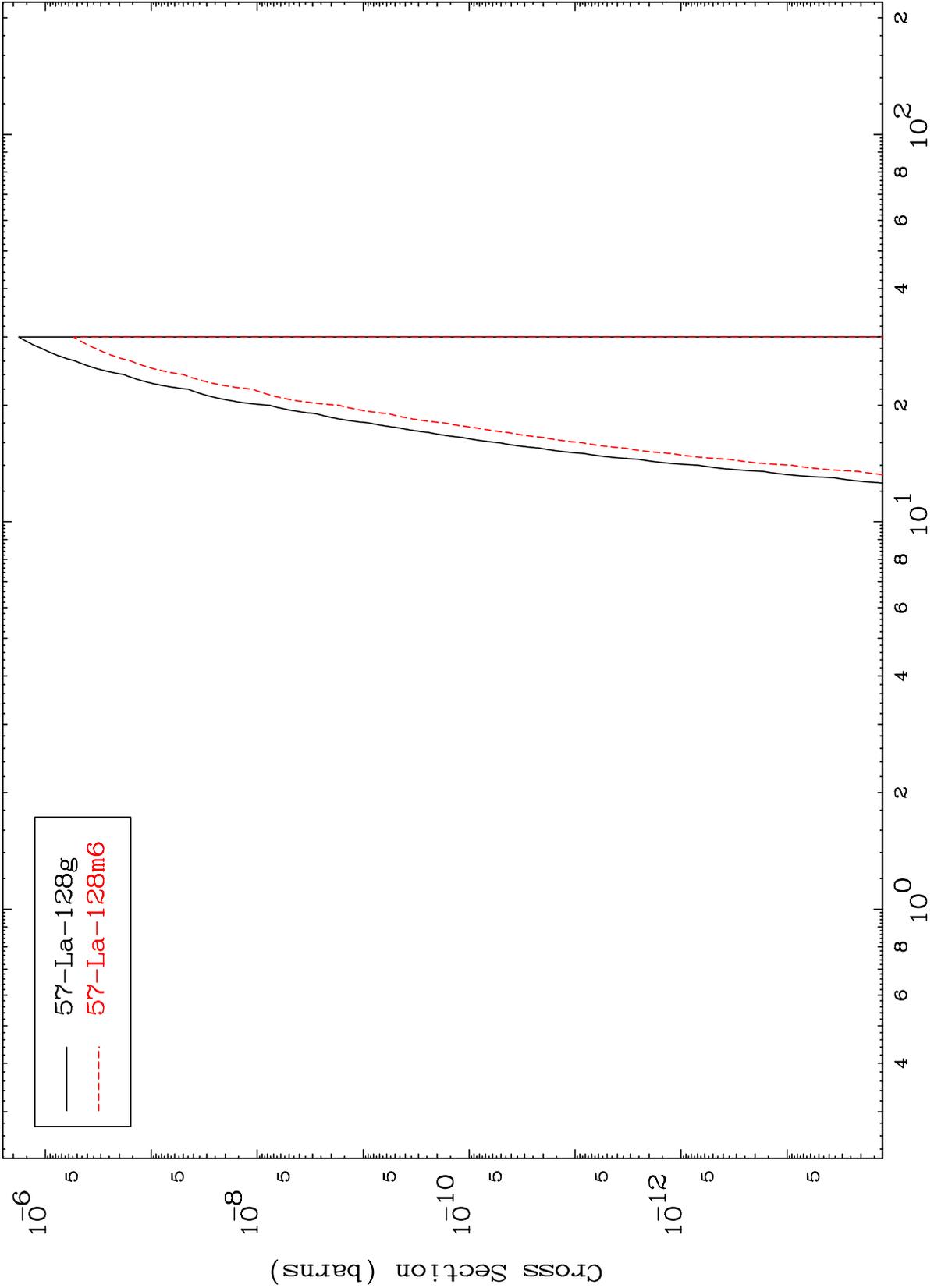


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($\gamma, 2\alpha$)

61-Pm-136

Radionuclide Production Cross Section

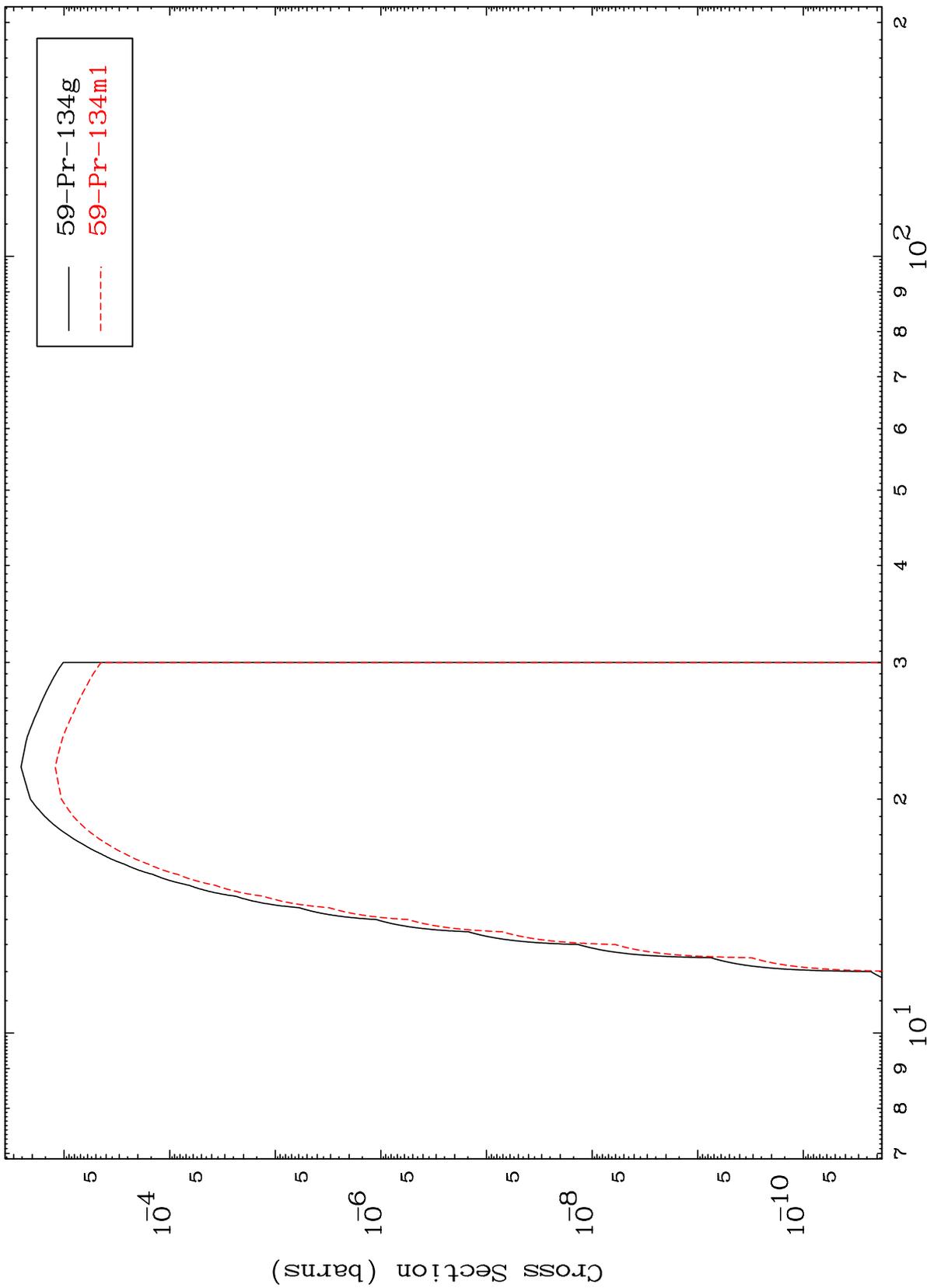


57-La-128g
57-La-128m6

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61-Pm-136

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



22

Incident Energy (MeV)

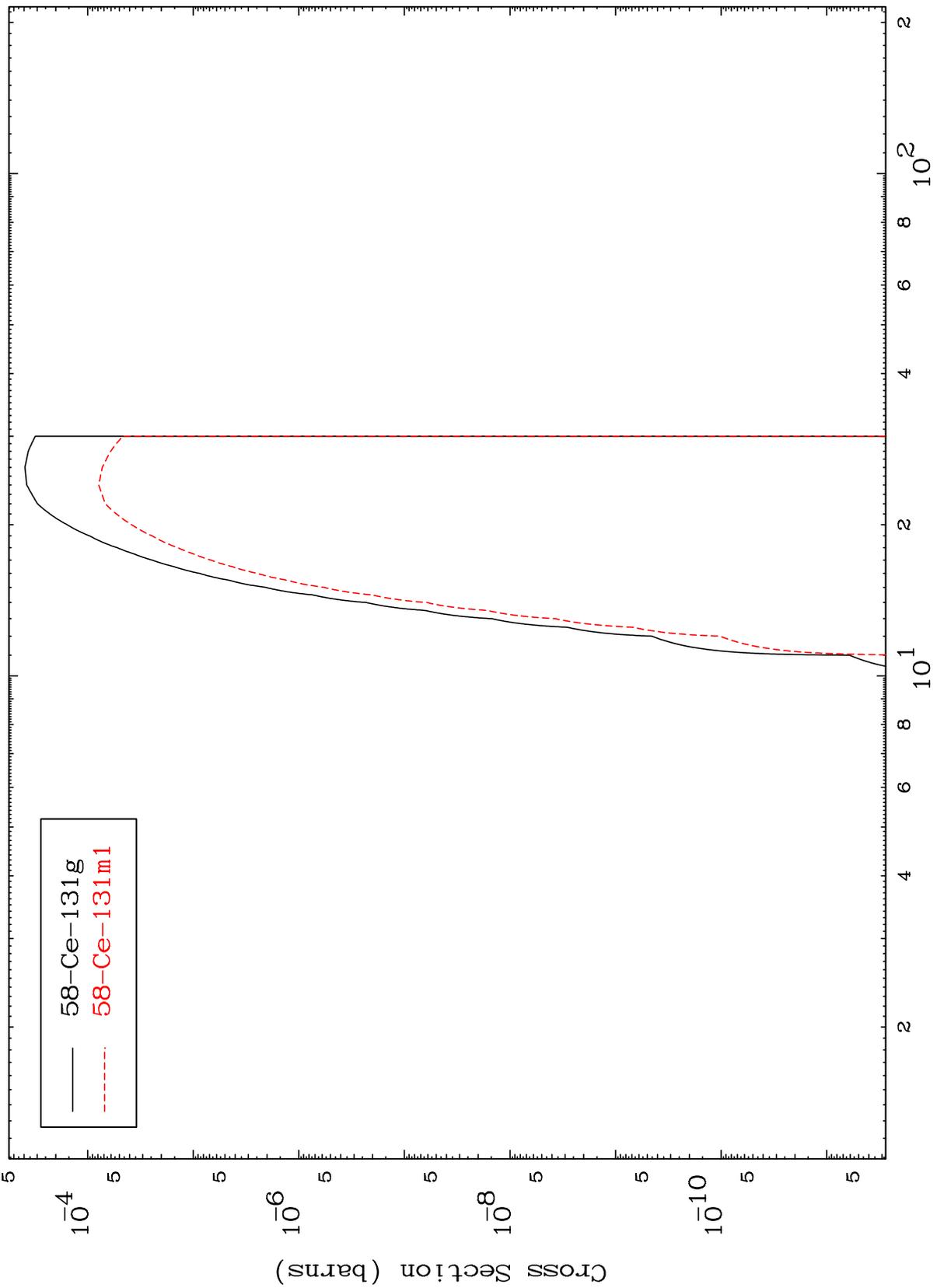
61-Pm-136

MAT 6116

(γ, p) α

61-Pm-136

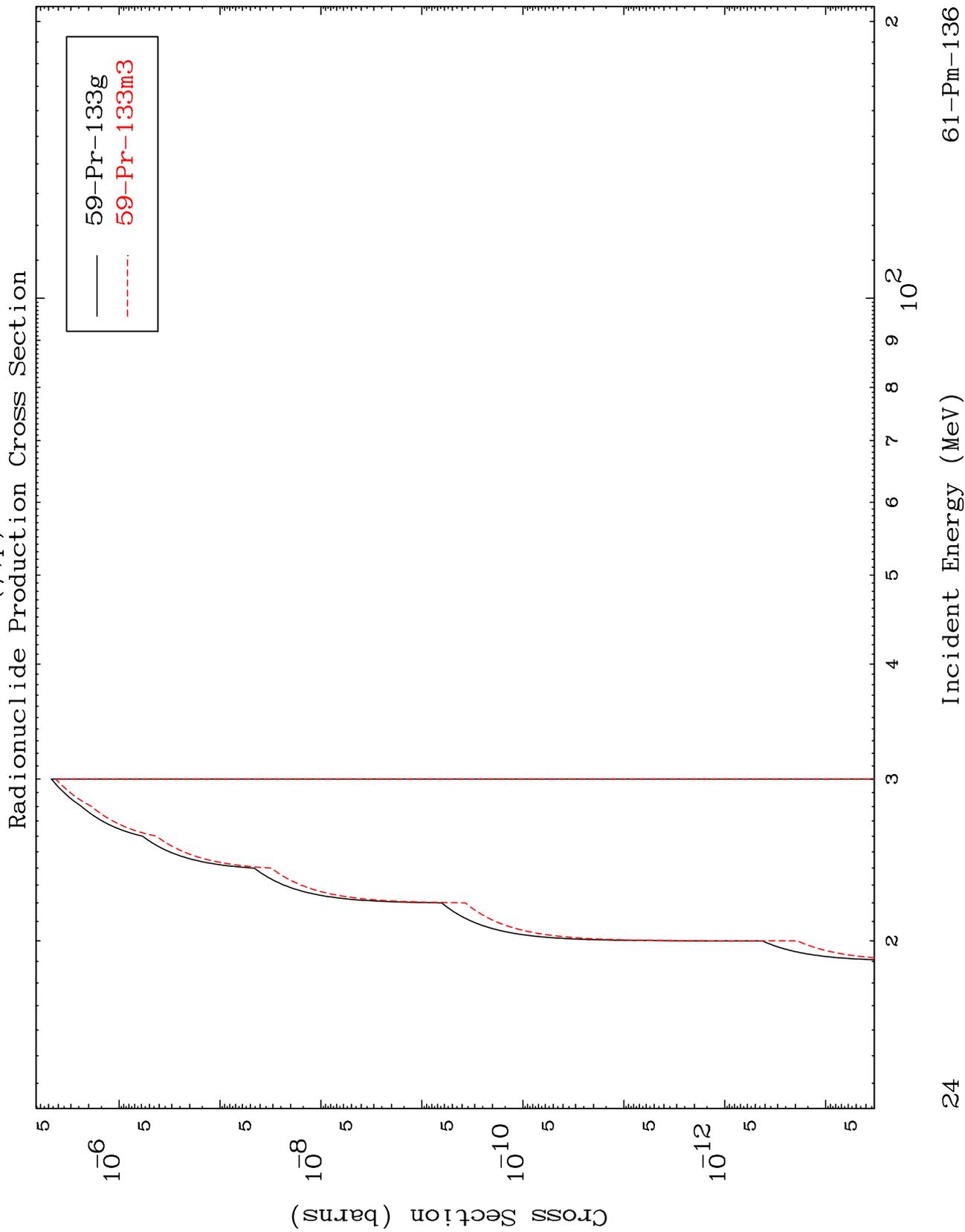
Radionuclide Production Cross Section



MAT 61116

(γ, p) d

61-Pm-136



24

61-Pm-136