

Program EVALPLOT
(Version 2018-1)

by

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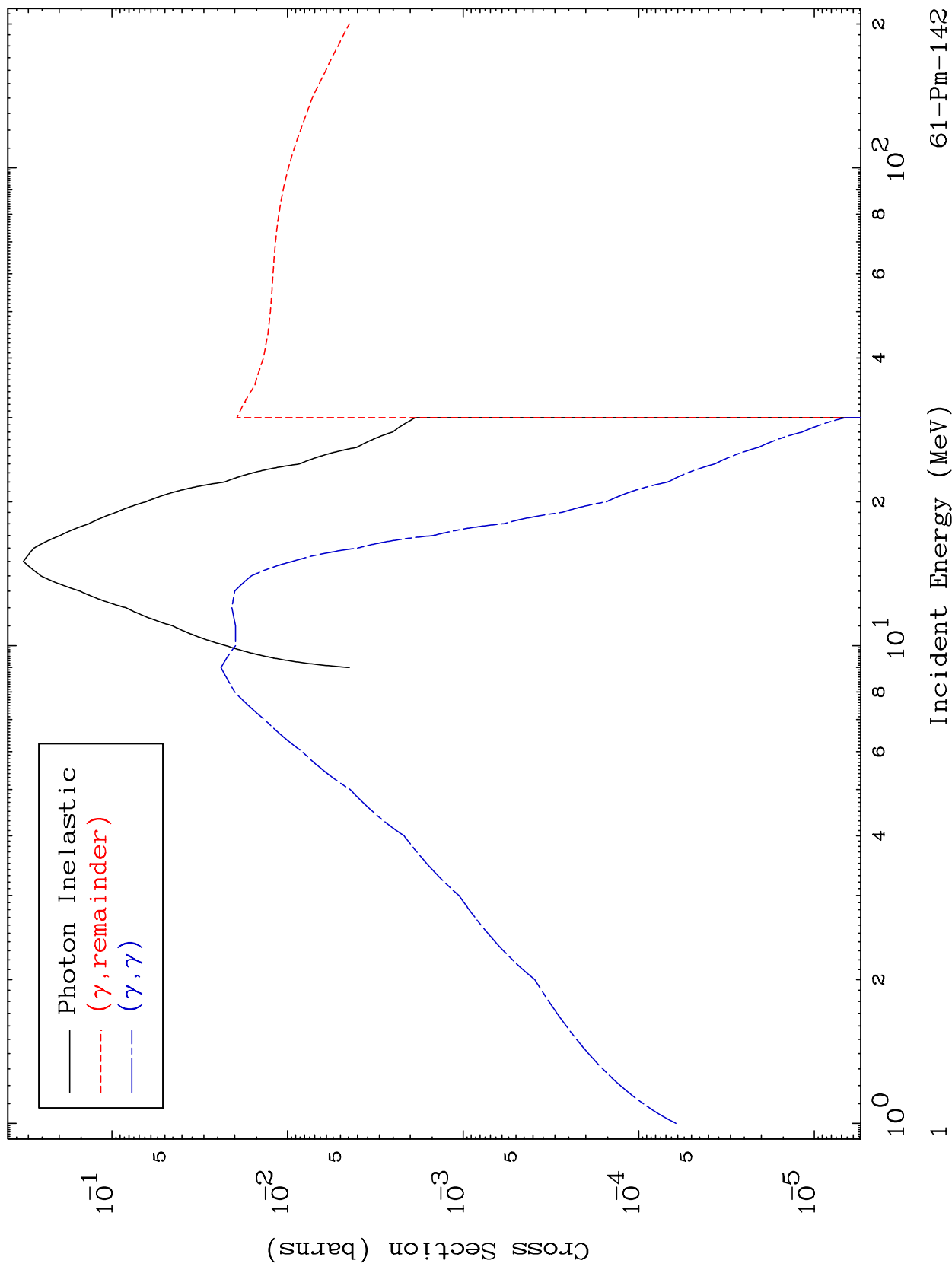
Press Mouse Button to Start

MAT 6134

Photon Major

61-Pm-142

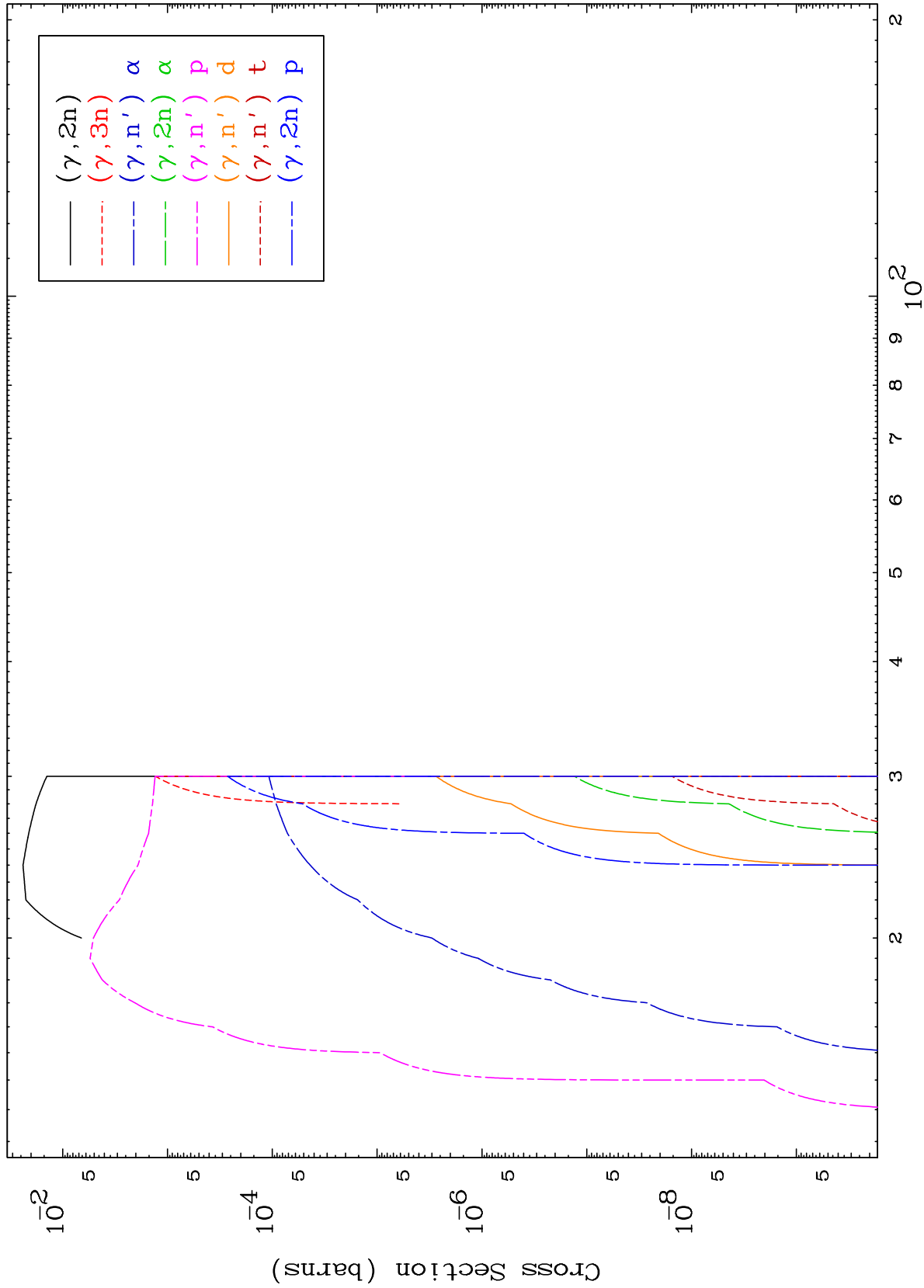
0 Kelvin Cross Sections



MAT 6134

Photon Neutron Production
0 Kelvin Cross Sections

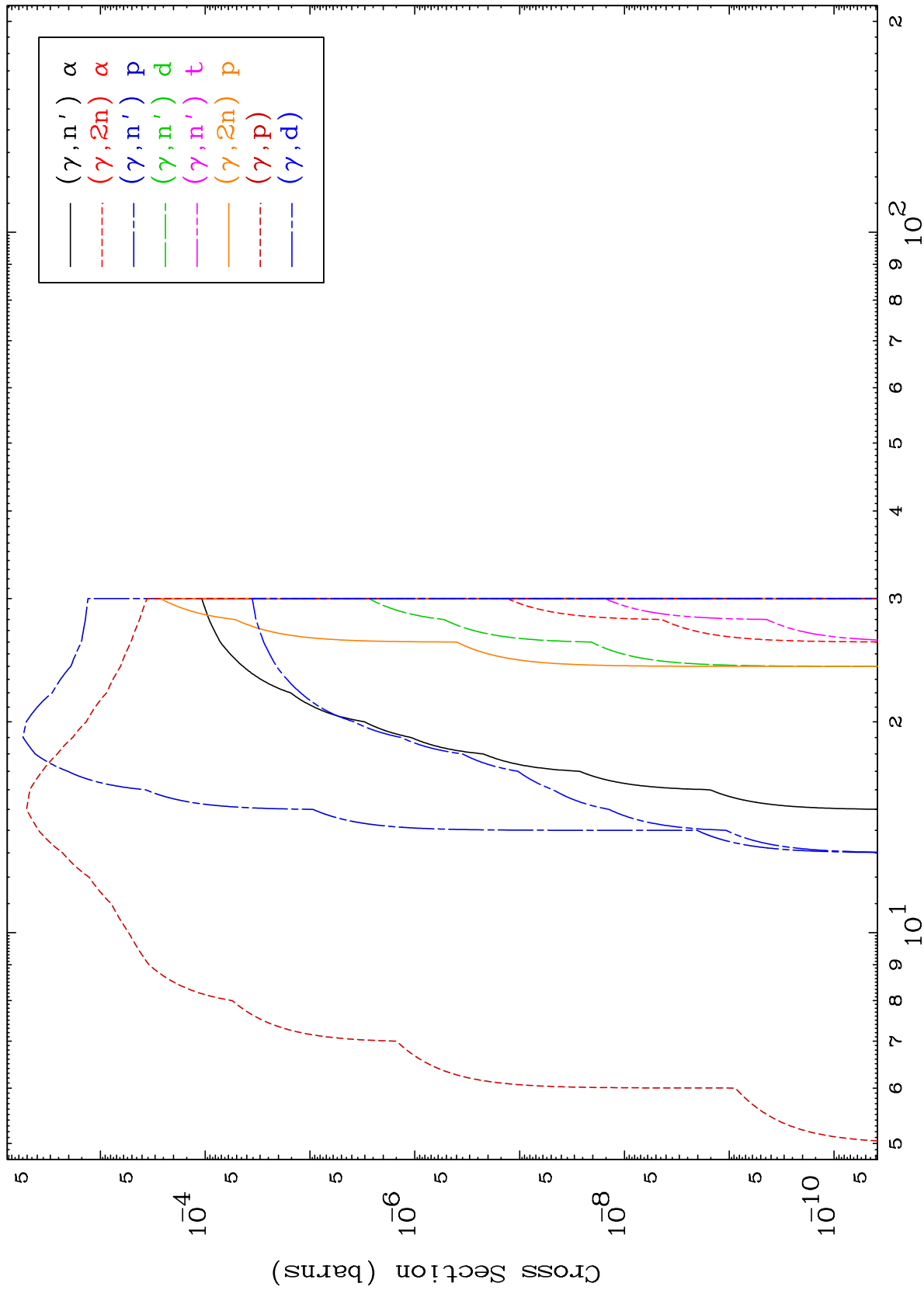
61-Pm-142



2

Incident Energy (MeV)

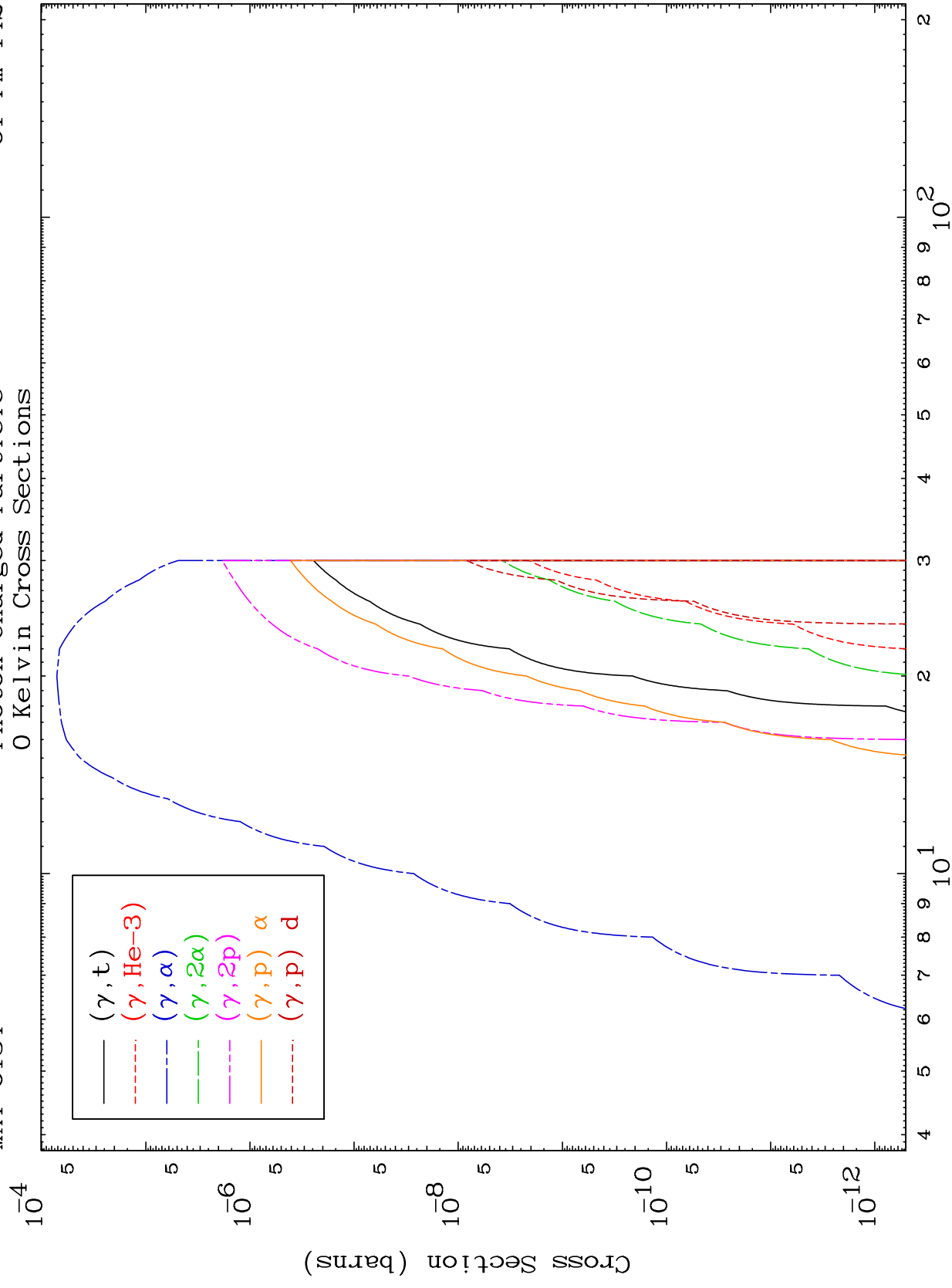
61-Pm-142



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Photon Charged Particle 0 Kelvin Cross Sections

61-Pm-142



4

Incident Energy (MeV)

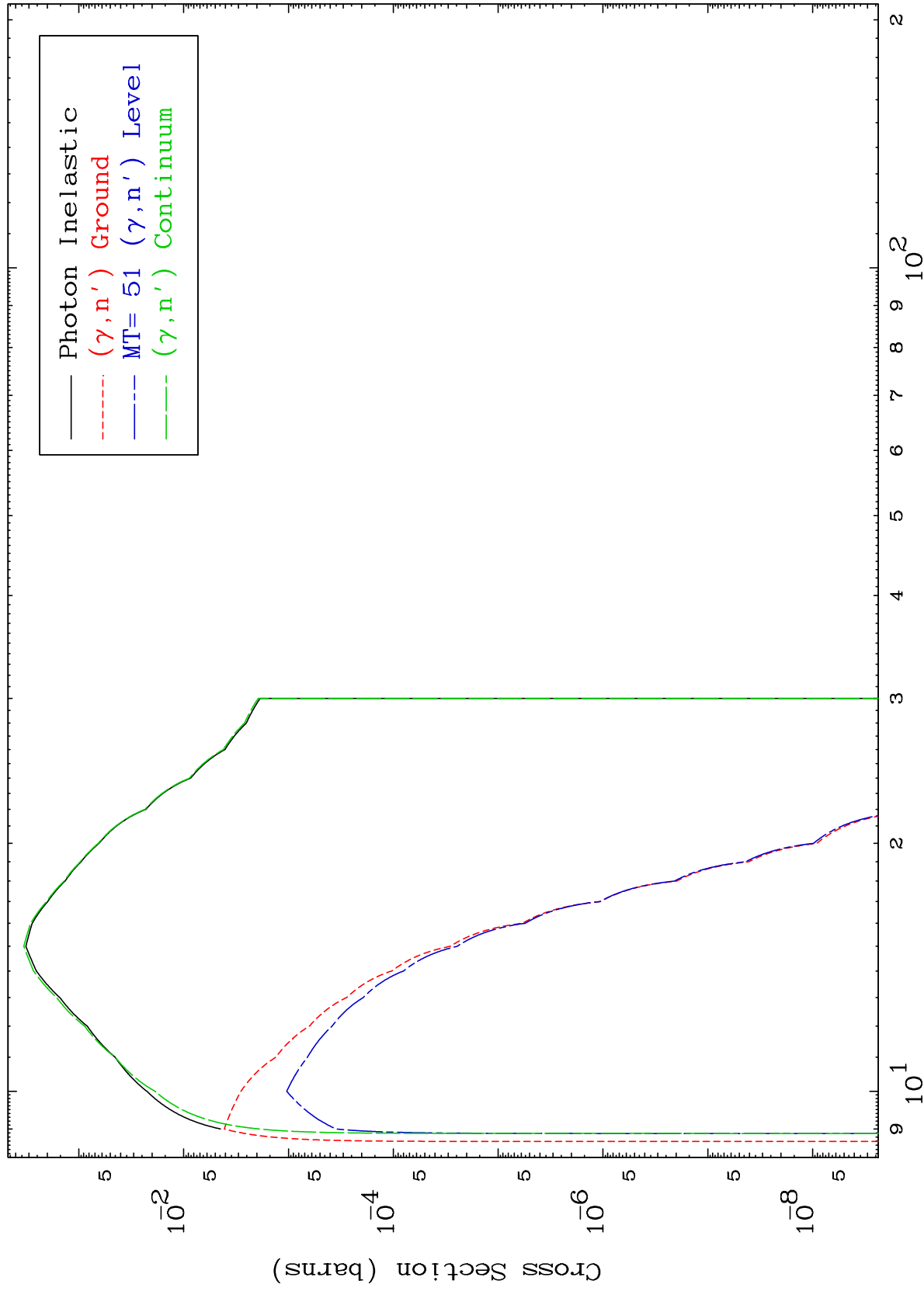
61-Pm-142

MAT 6134

(γ, n') Level

0 Kelvin Cross Sections

61-Pm-142



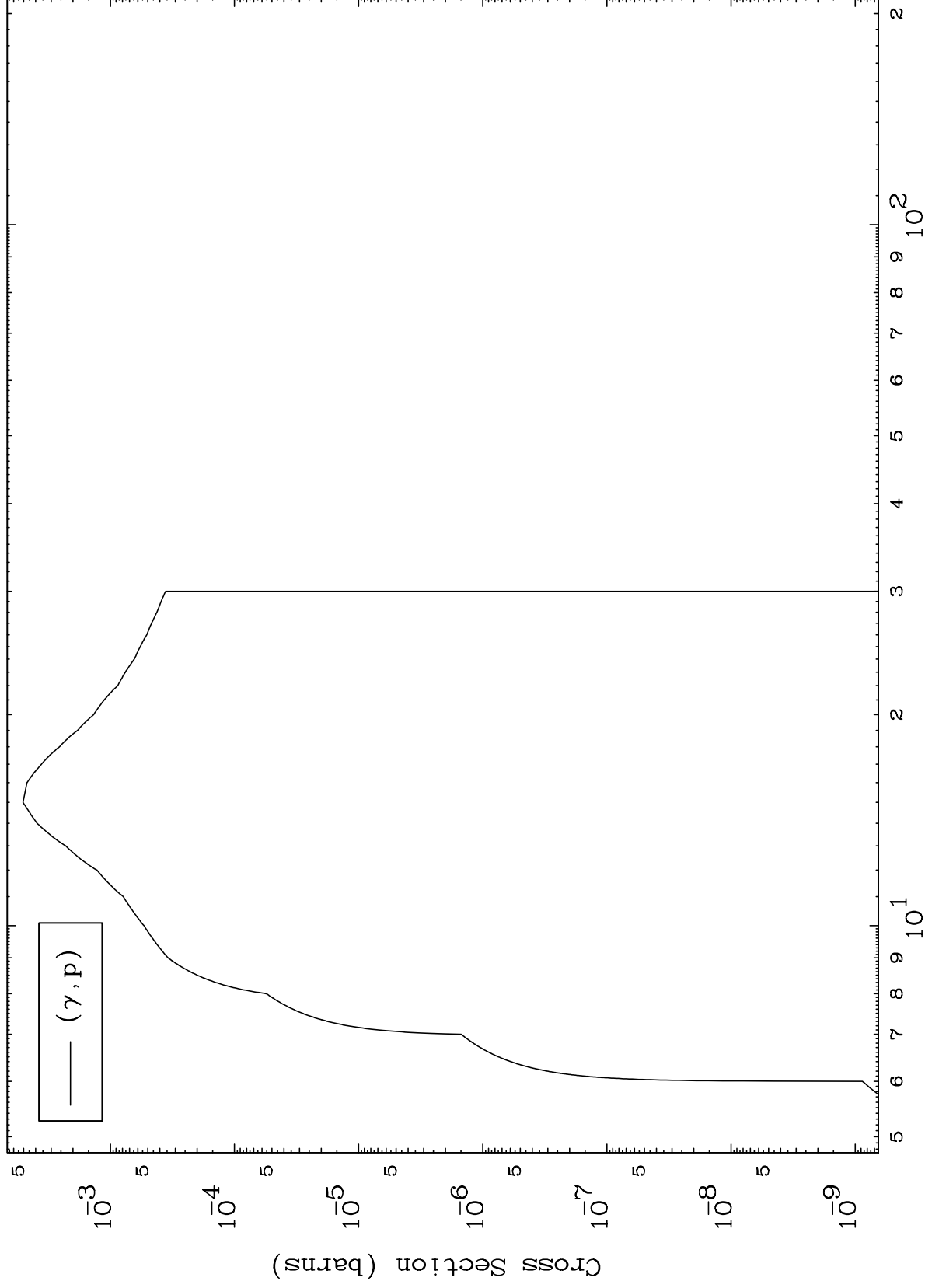
Incident Energy (MeV)

61-Pm-142

MAT 6134

61-Pm-142

(γ ,p) Levels
0 Kelvin Cross Sections



6

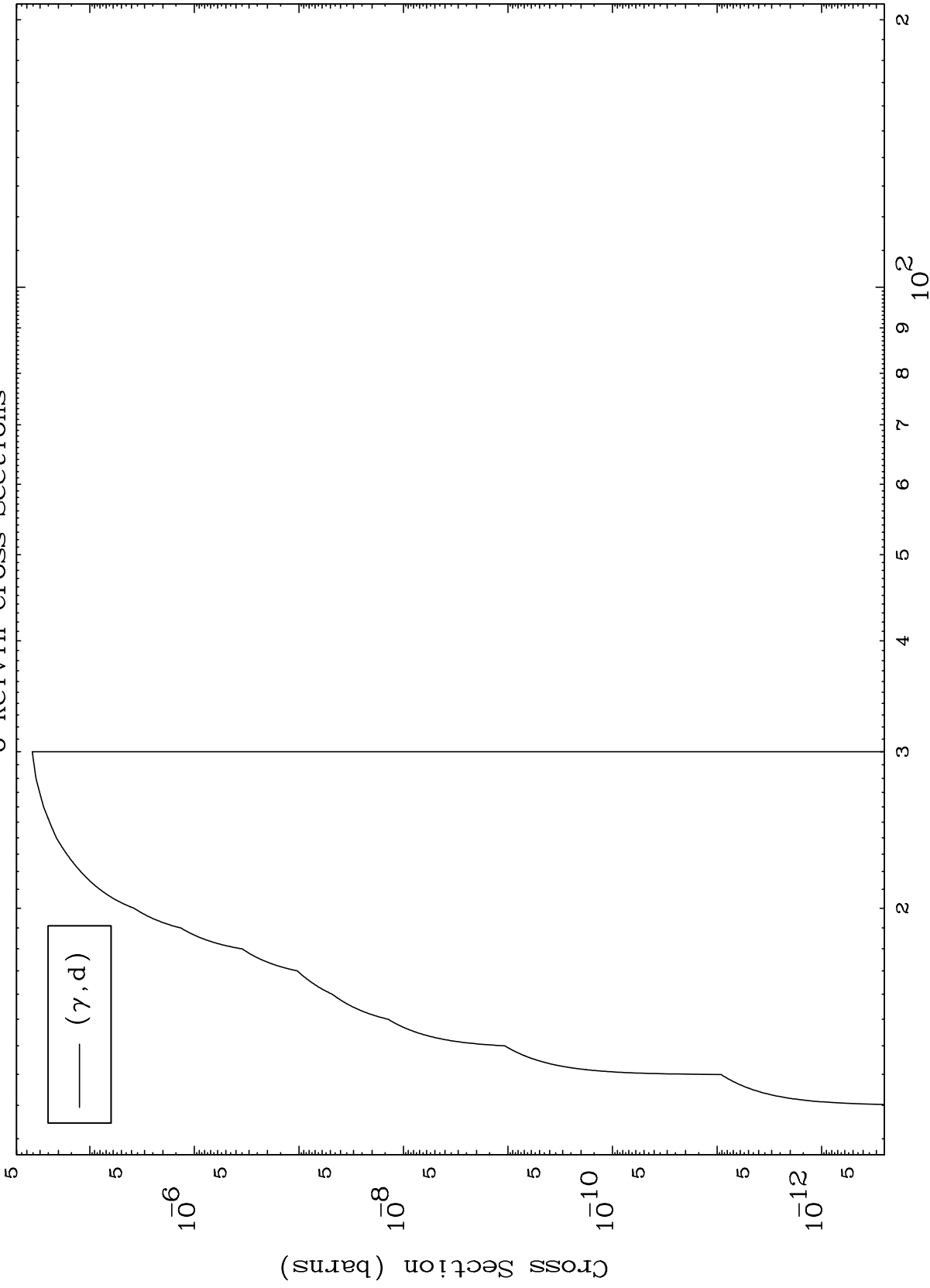
Incident Energy (MeV)

61-Pm-142

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61-Pm-142

(γ, d) Levels
0 Kelvin Cross Sections



γ

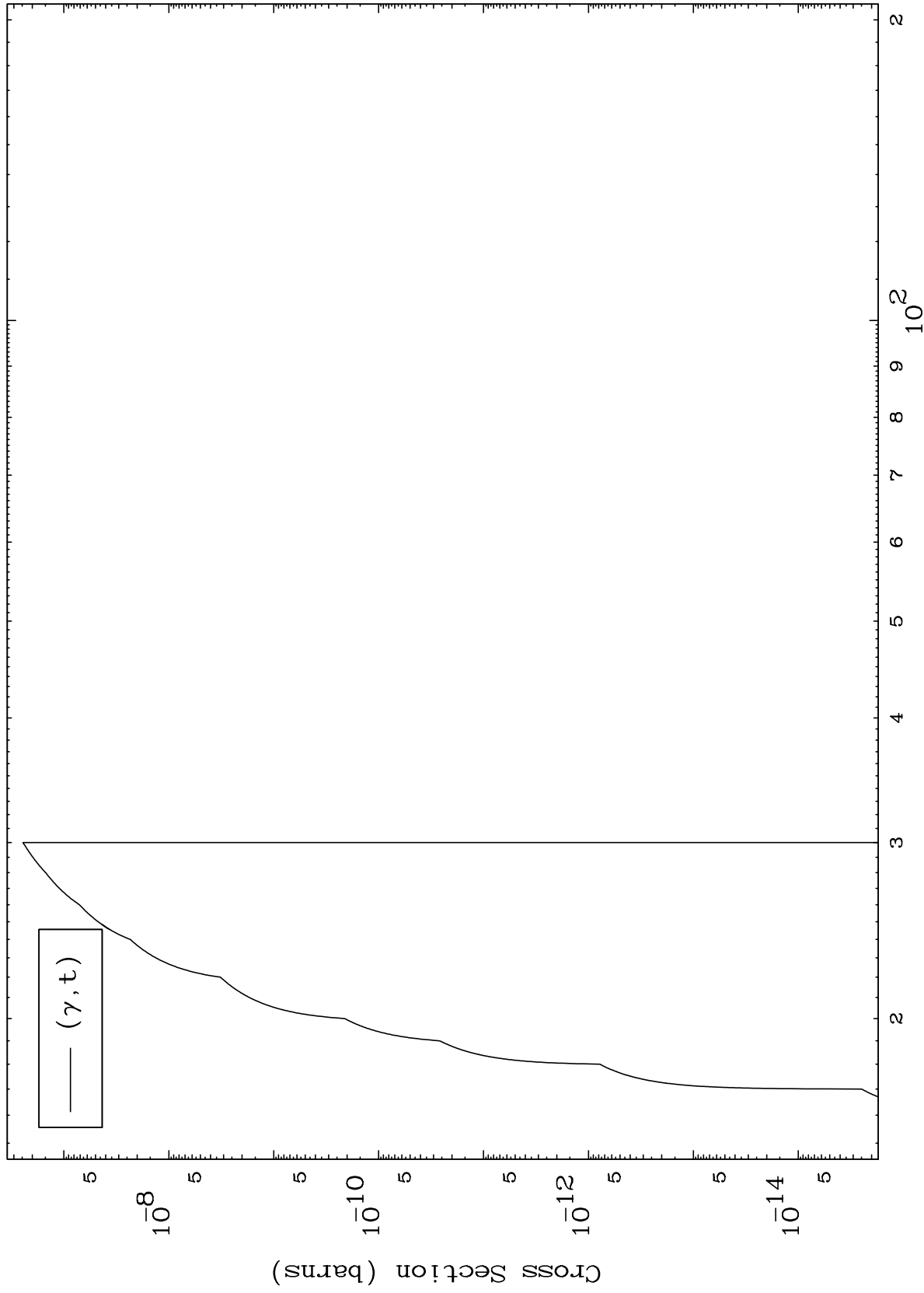
Incident Energy (MeV)

61-Pm-142

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61-Pm-142

(γ, t) Levels
0 Kelvin Cross Sections

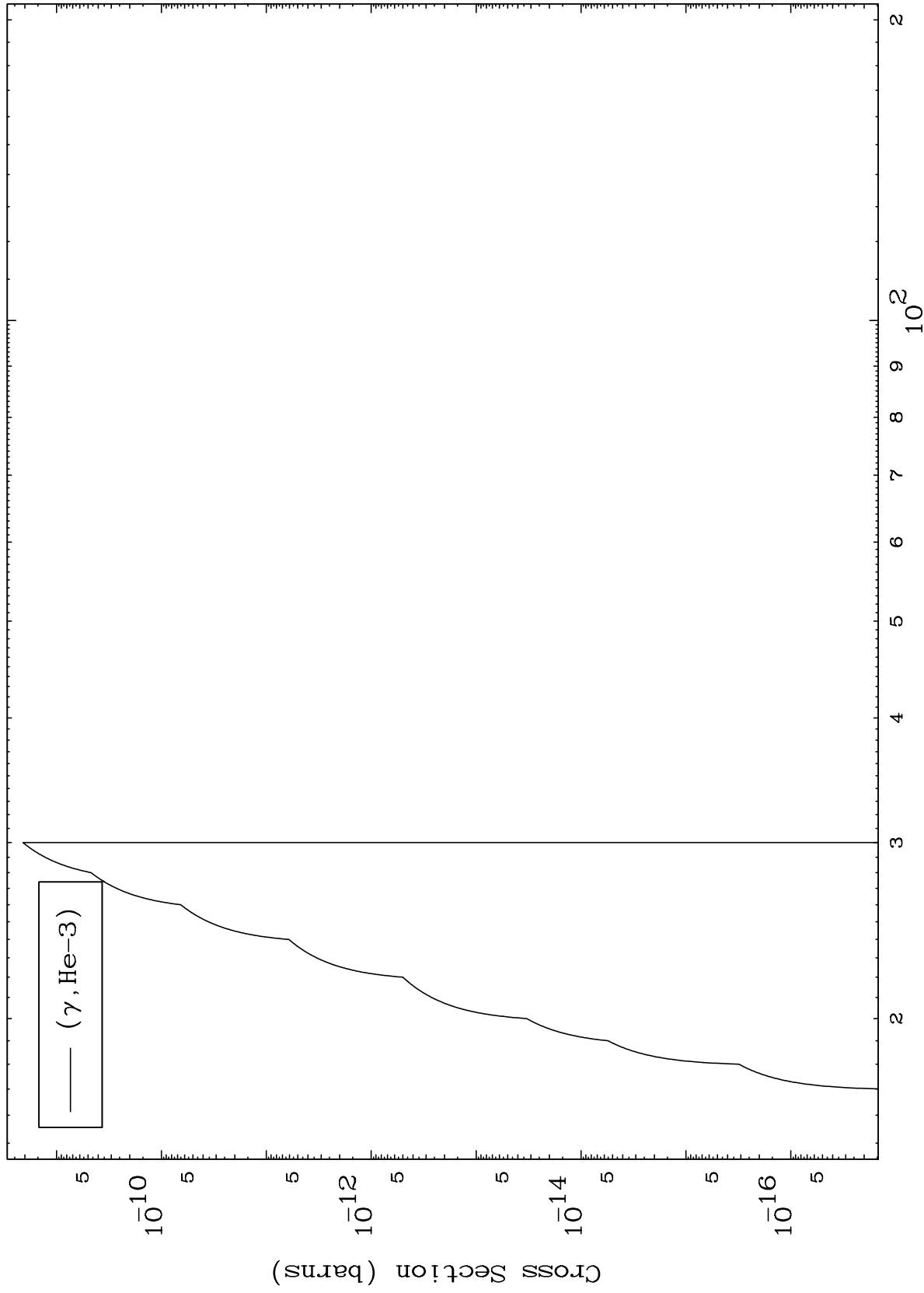


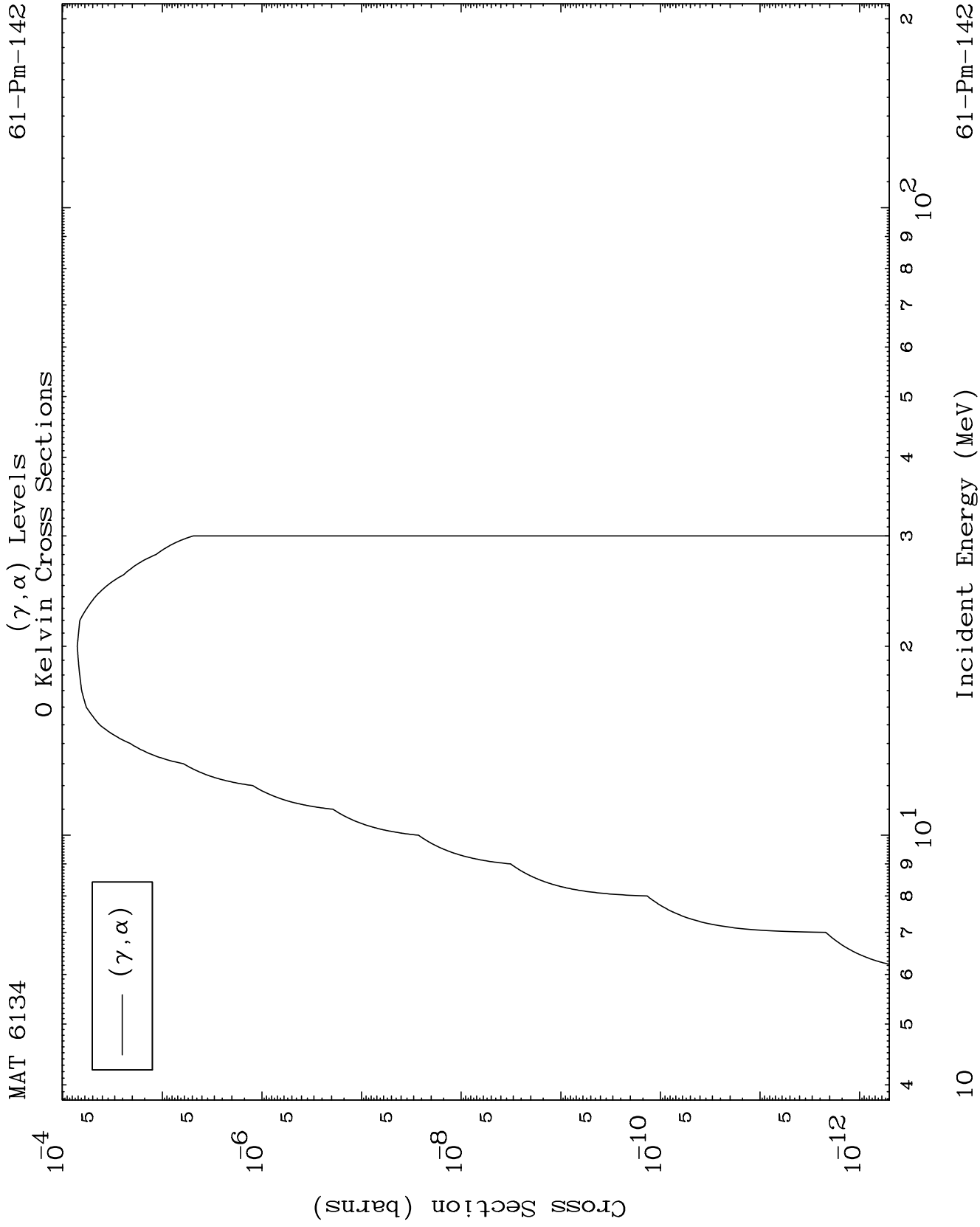
8

Incident Energy (MeV)

61-Pm-142

(γ ,He3) Levels
0 Kelvin Cross Sections

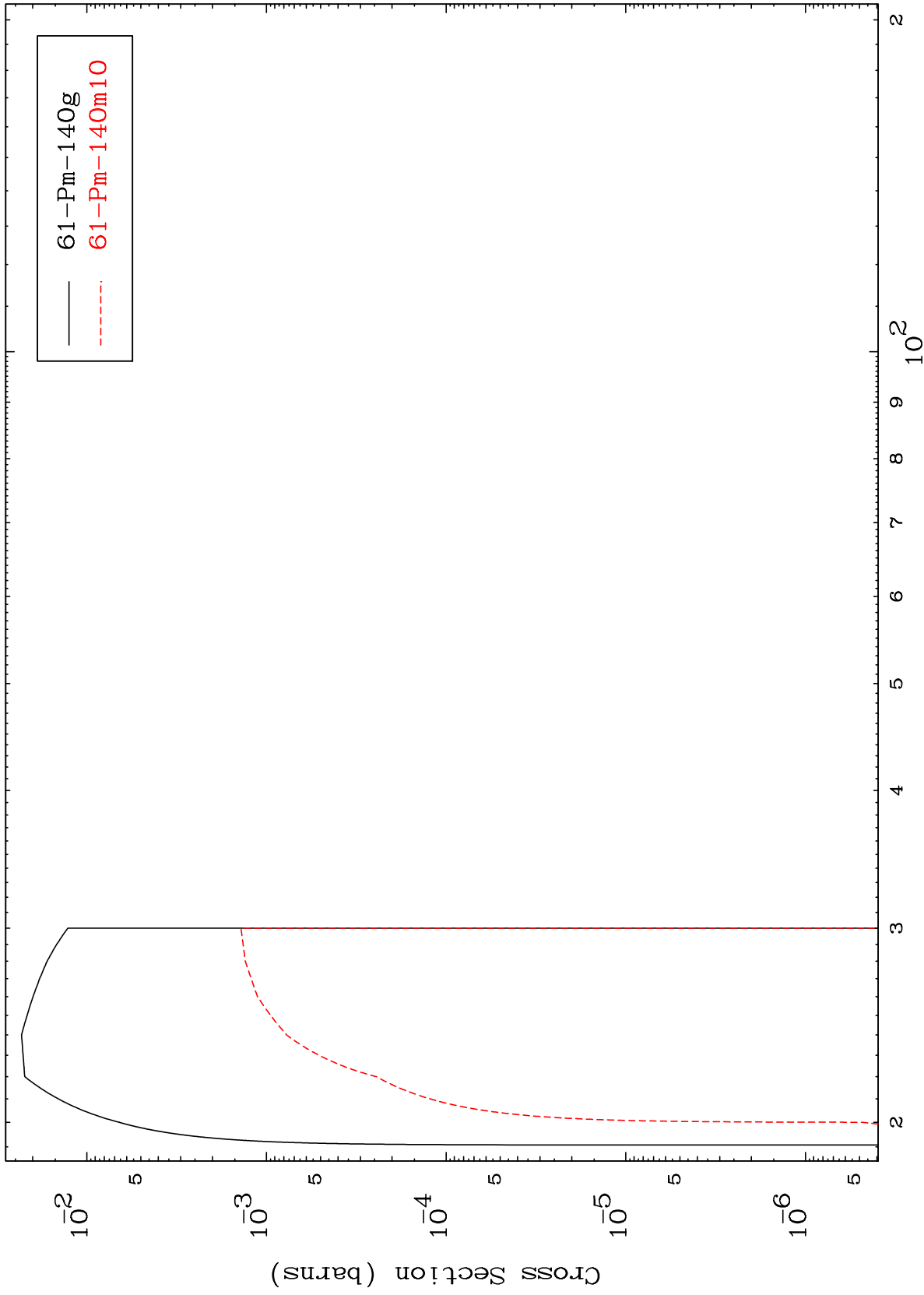




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61-Pm-142

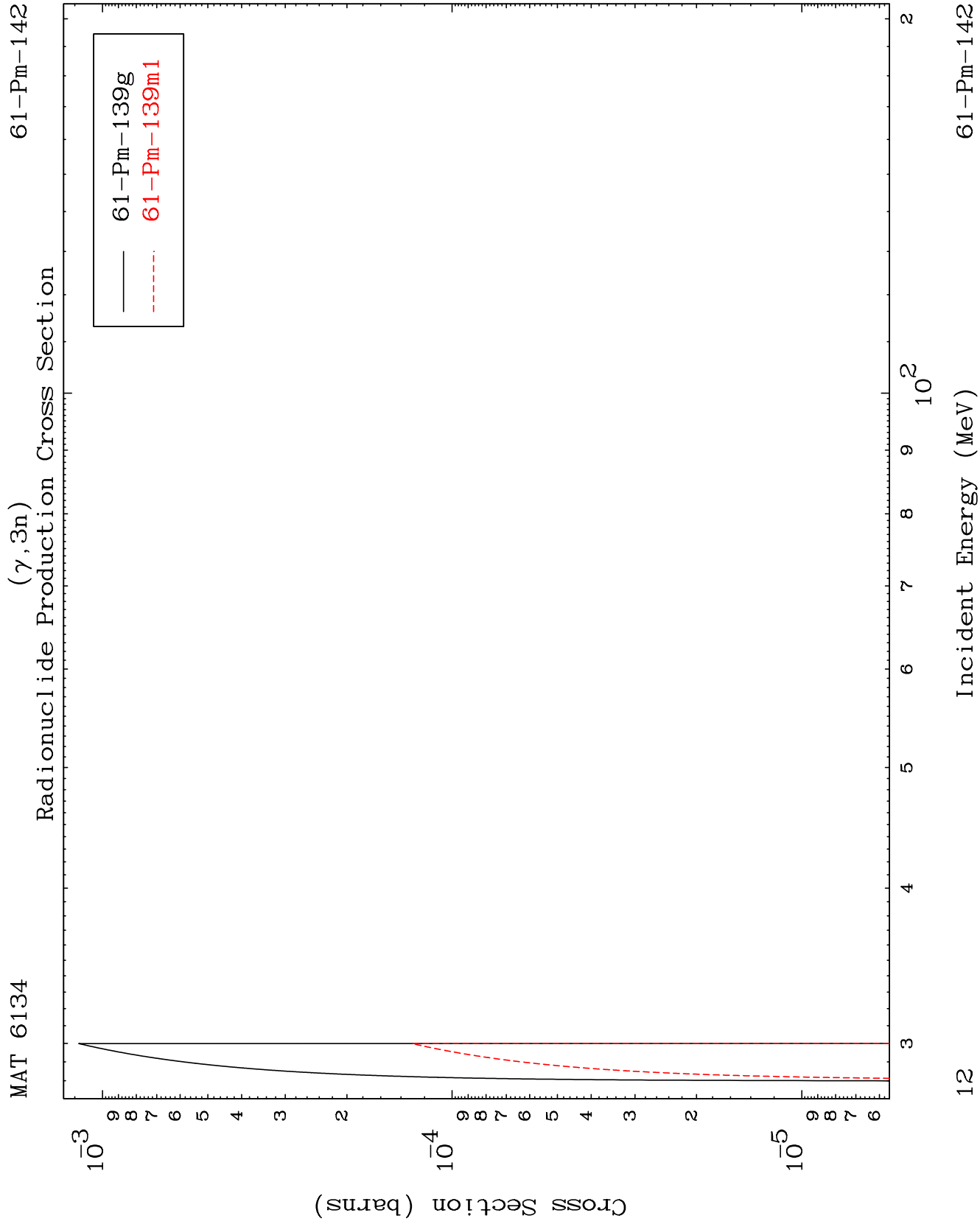
$(\gamma, 2n)$
Radionuclide Production Cross Section



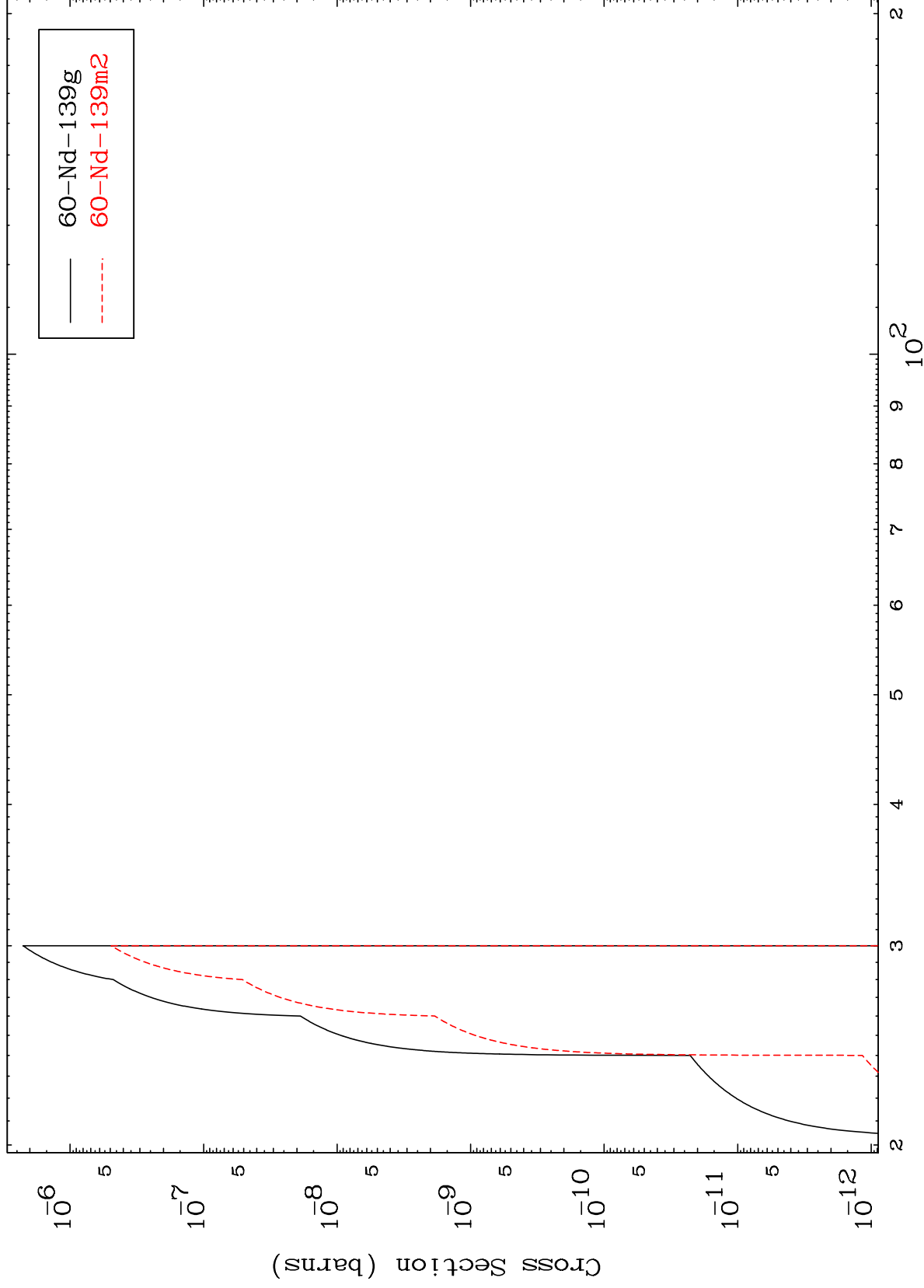
11

Incident Energy (MeV)

61-Pm-142



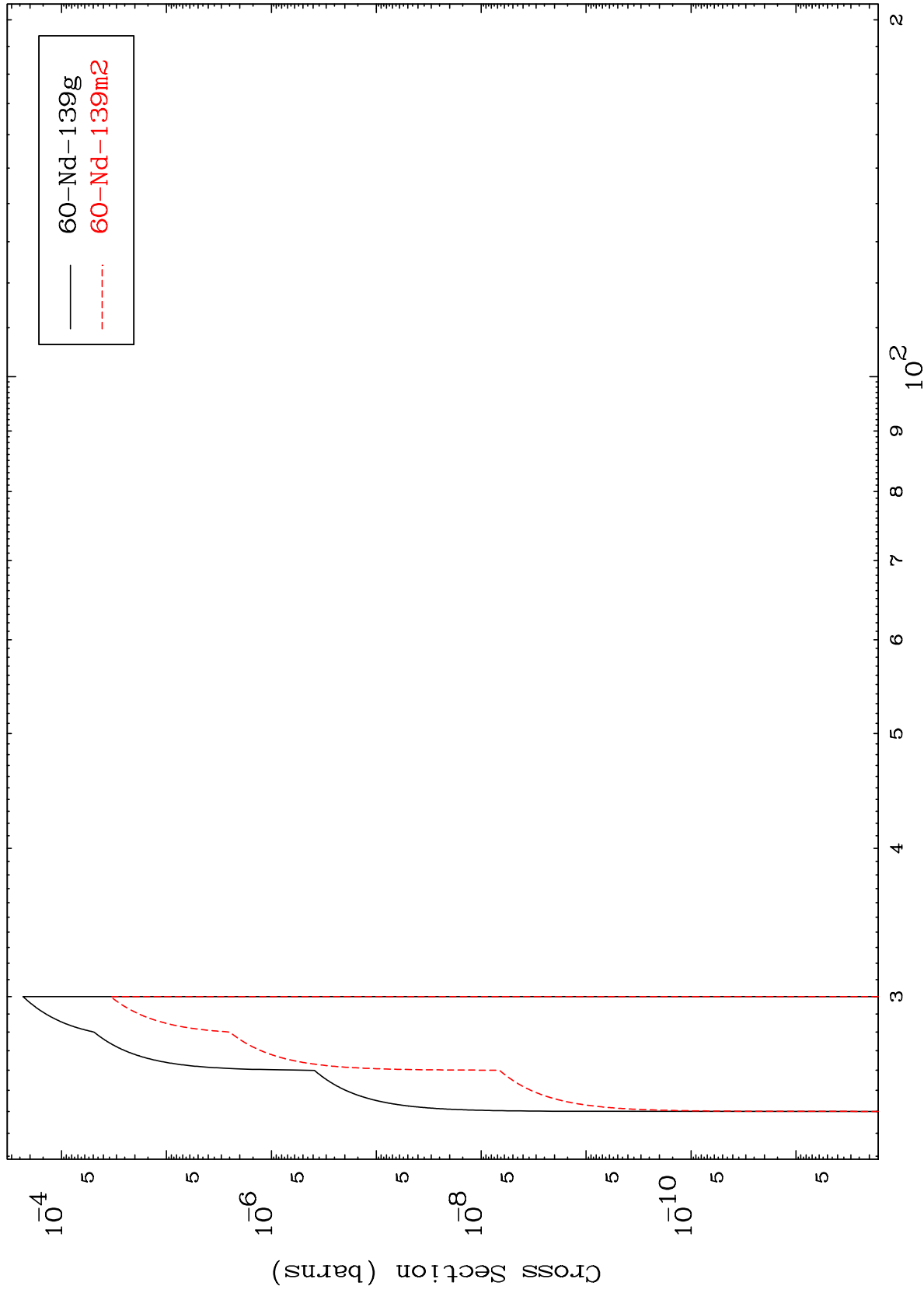
Radionuclide Production Cross Section



MAT 6134

61-Pm-142

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



14

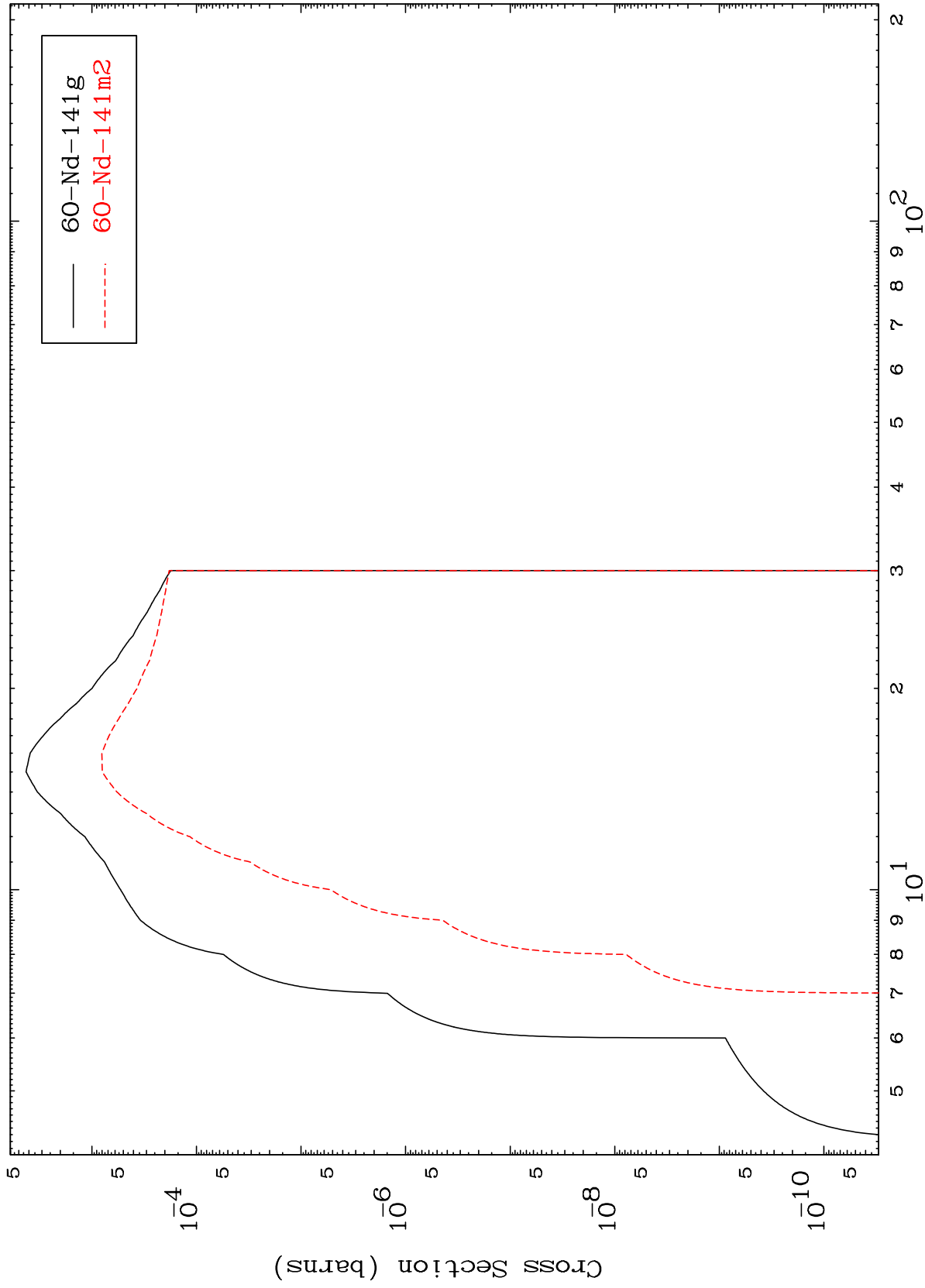
Incident Energy (MeV)

61-Pm-142

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61-Pm-142

Radionuclide Production Cross Section
(γ, p)



15

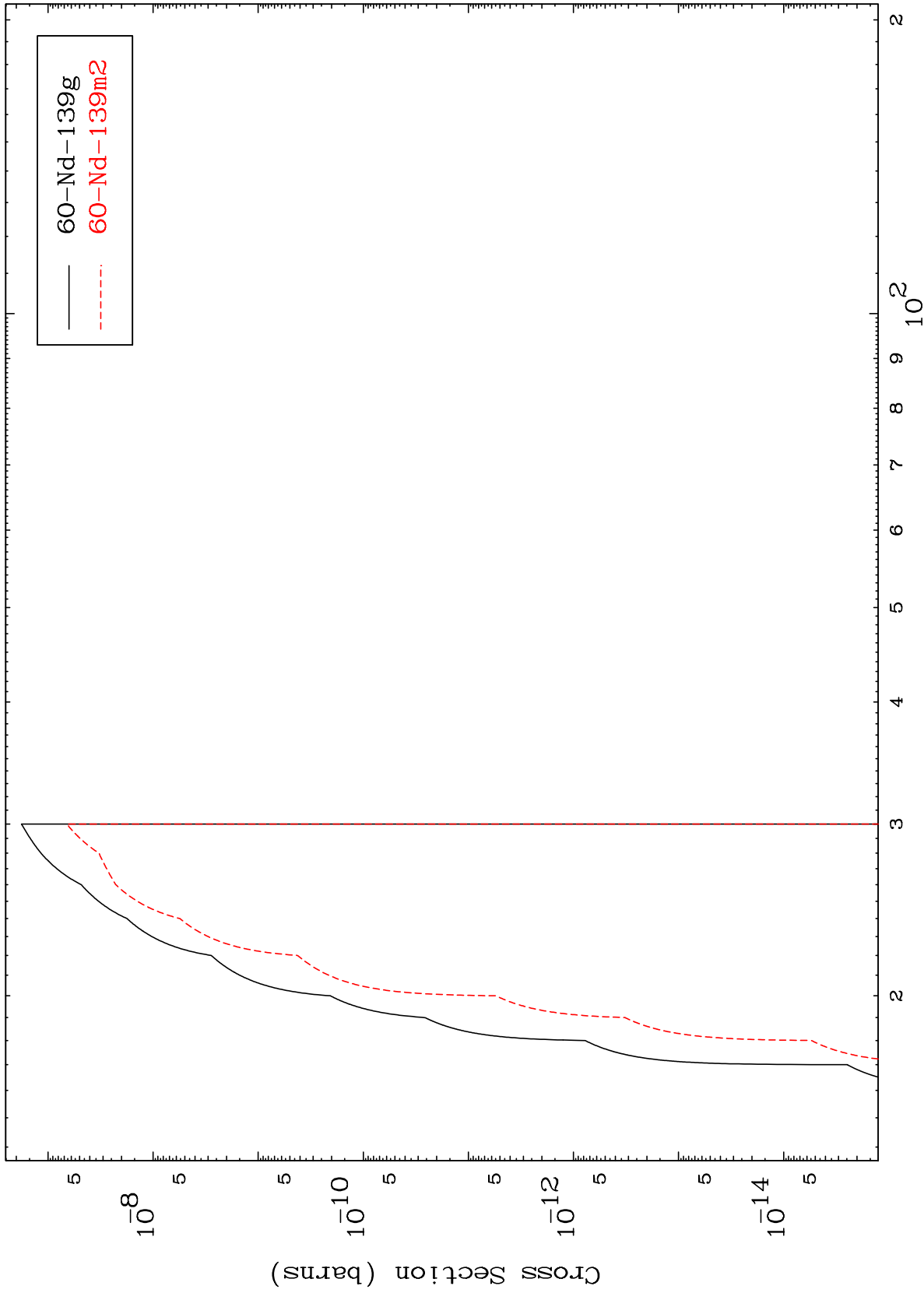
Incident Energy (MeV)

61-Pm-142

MAT 6134

61-Pm-142

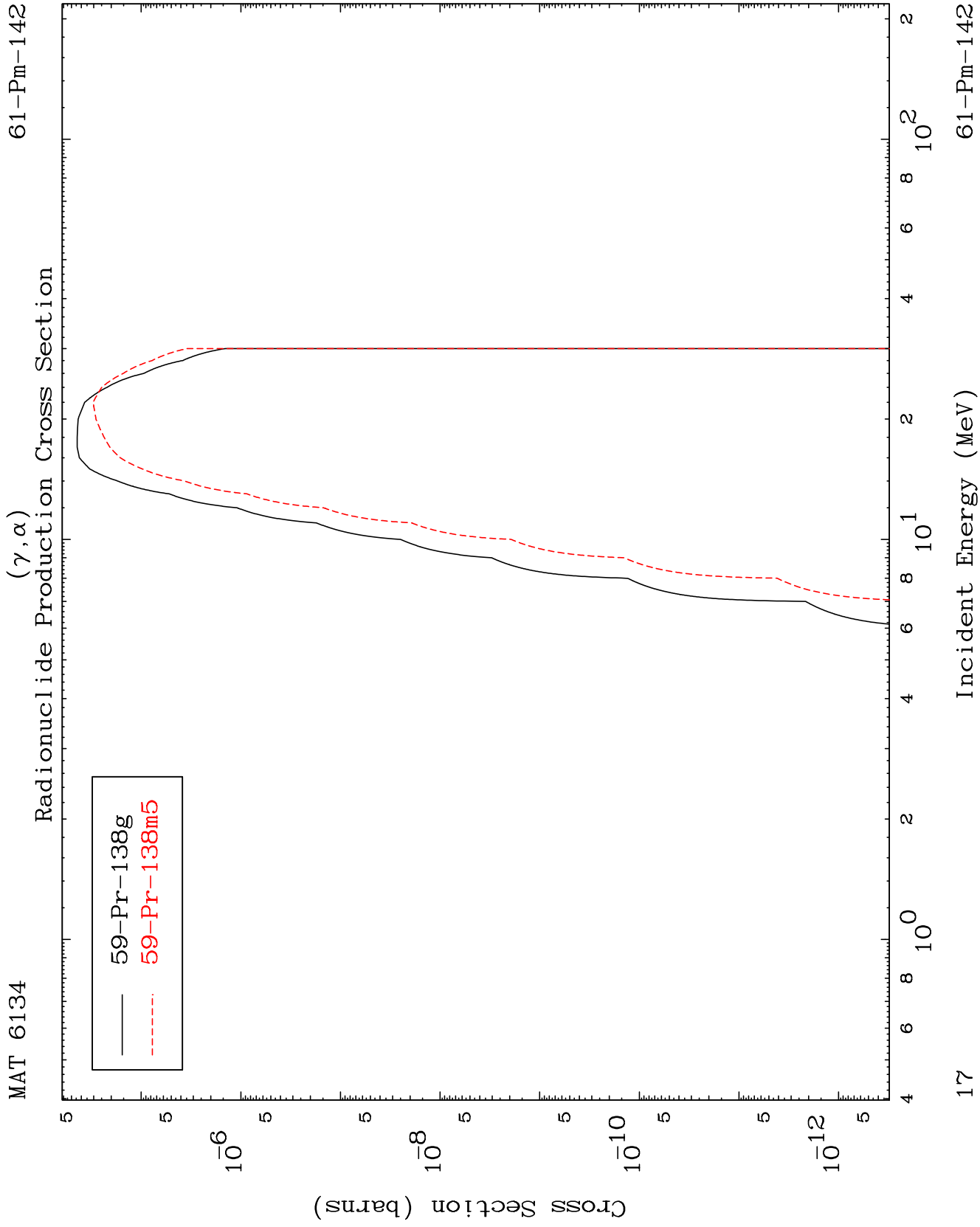
(γ, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

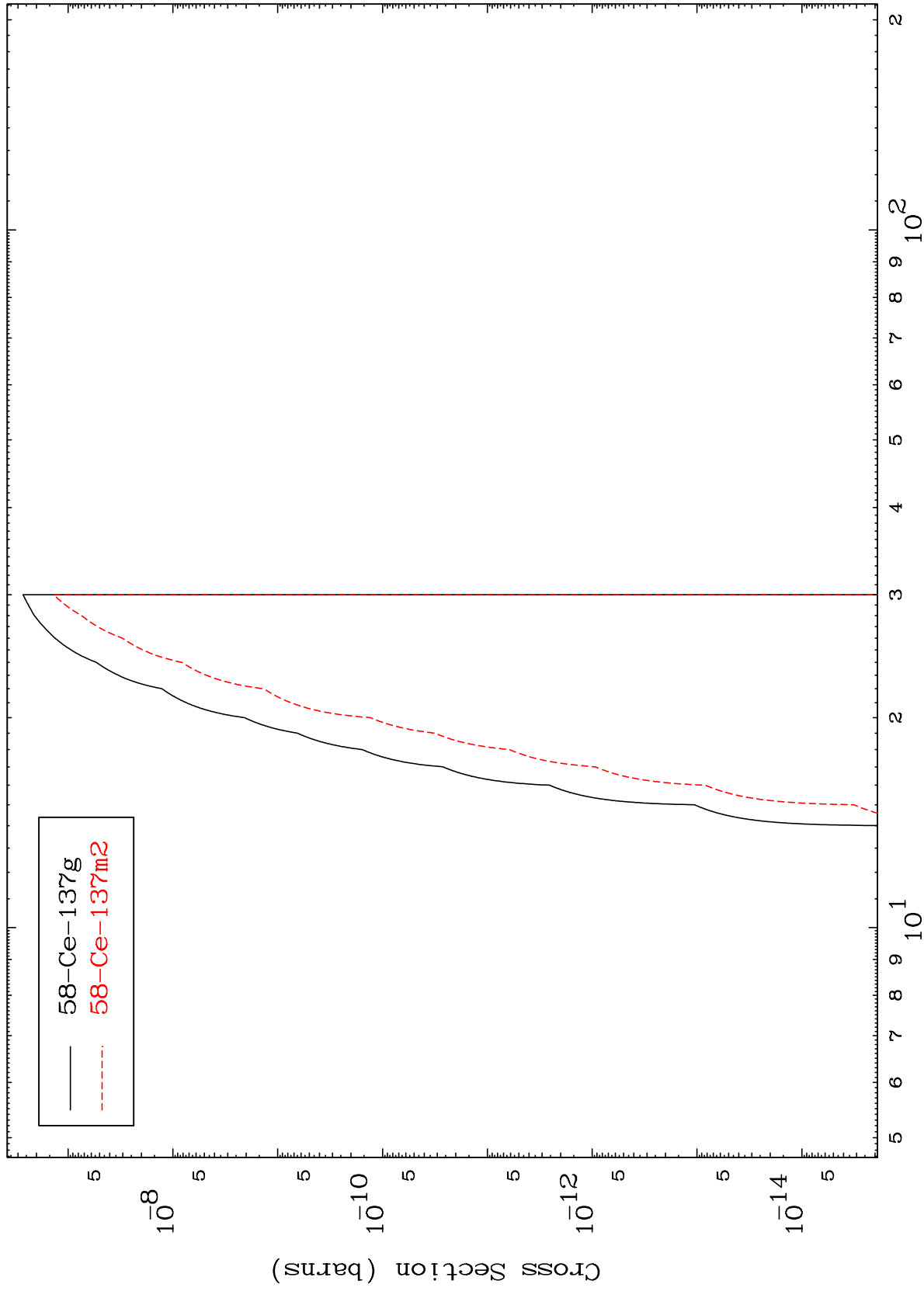
61-Pm-142



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61-Pm-142

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



18

Incident Energy (MeV)

61-Pm-142