

Program EVALPLOT
(Version 2021-1)

by

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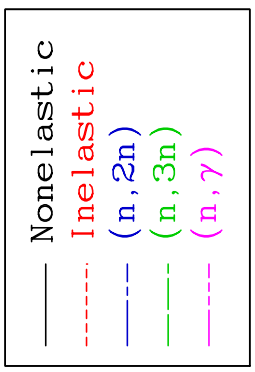
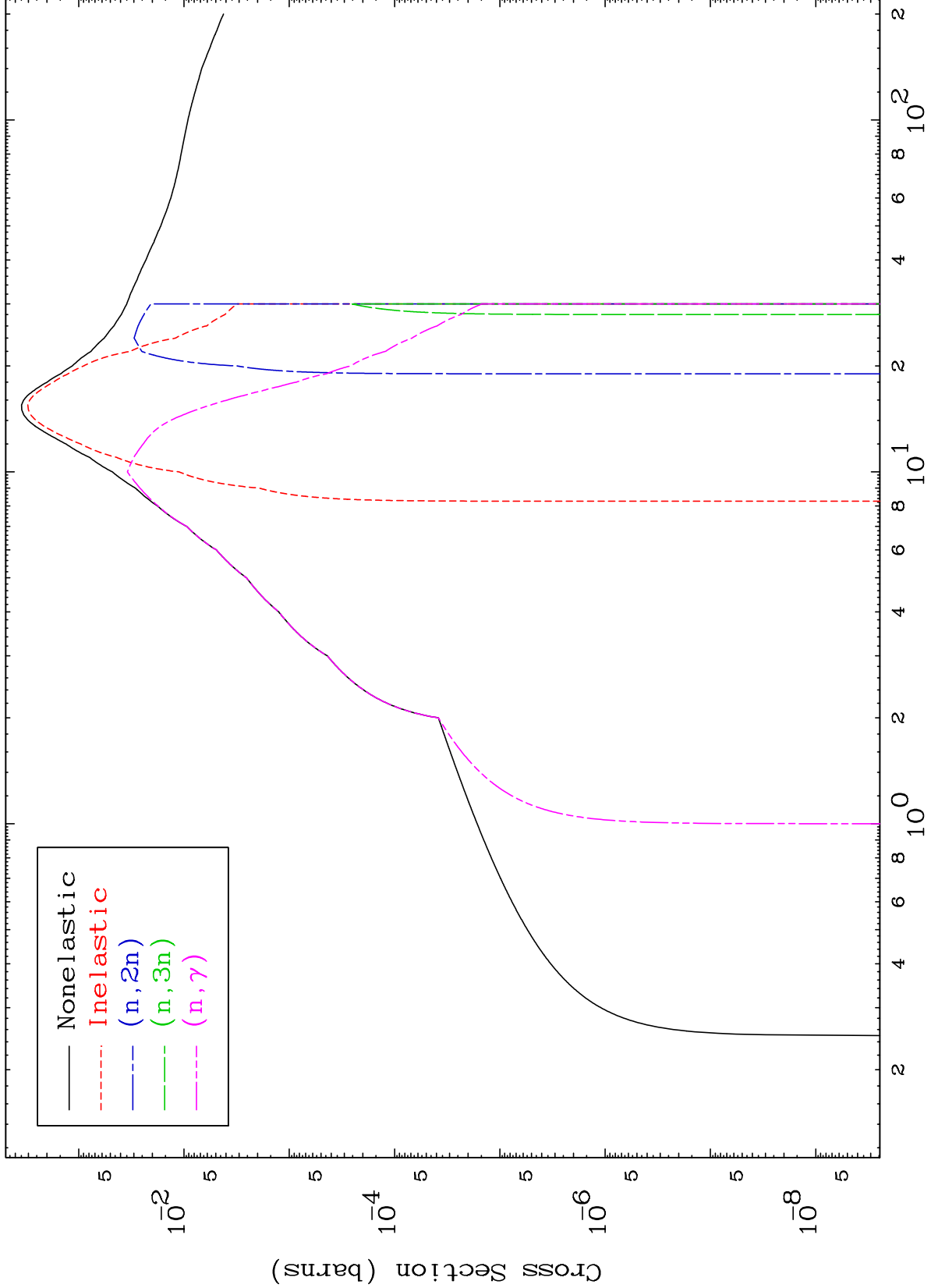
Press Mouse Button to Start

MAT 6129

Photon Major

61-Pm-140m

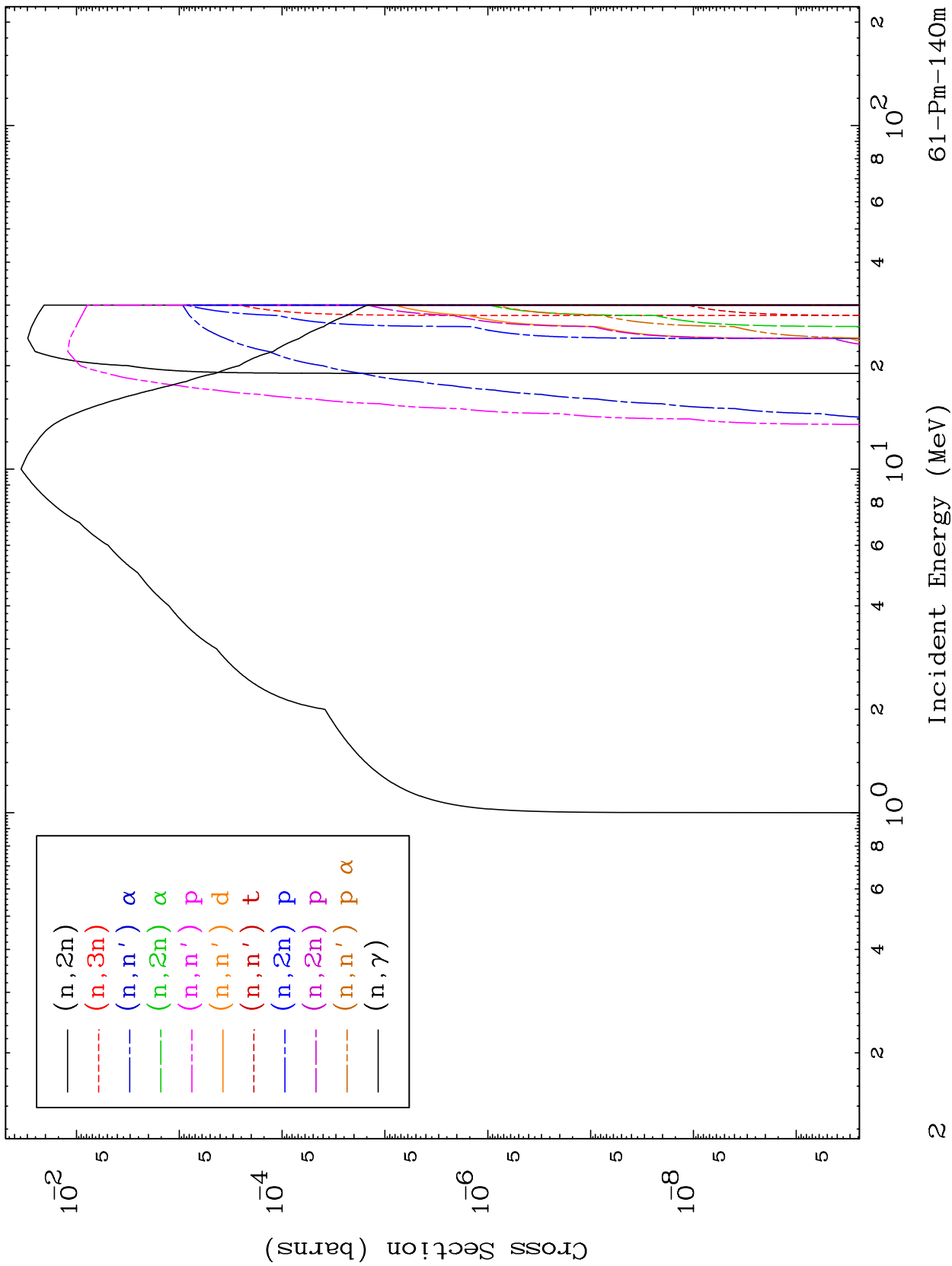
0 Kelvin Cross Sections



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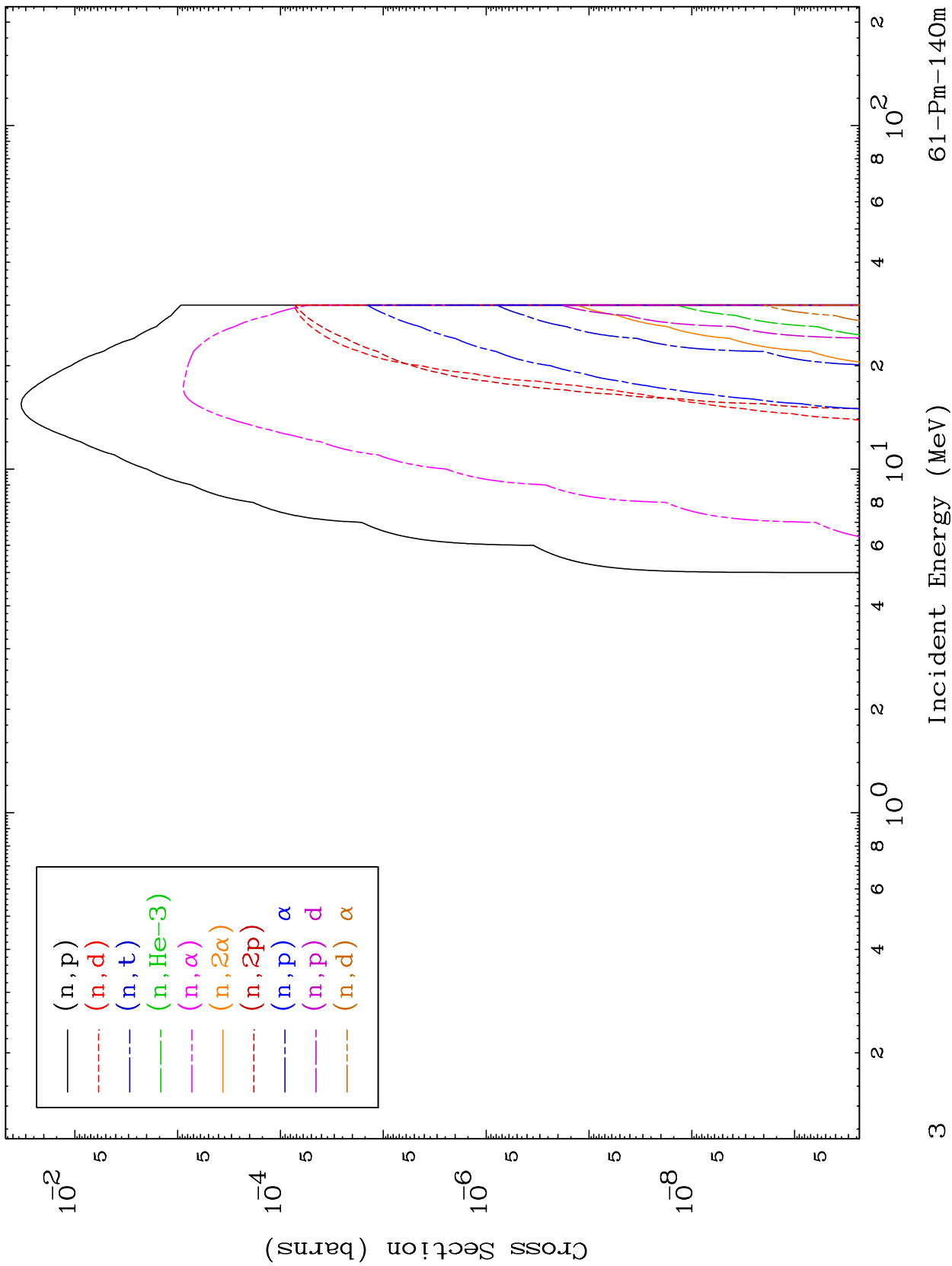
Photon Neutron Absorption
0 Kelvin Cross Sections

61-Pm-140m



61-Pm-140m

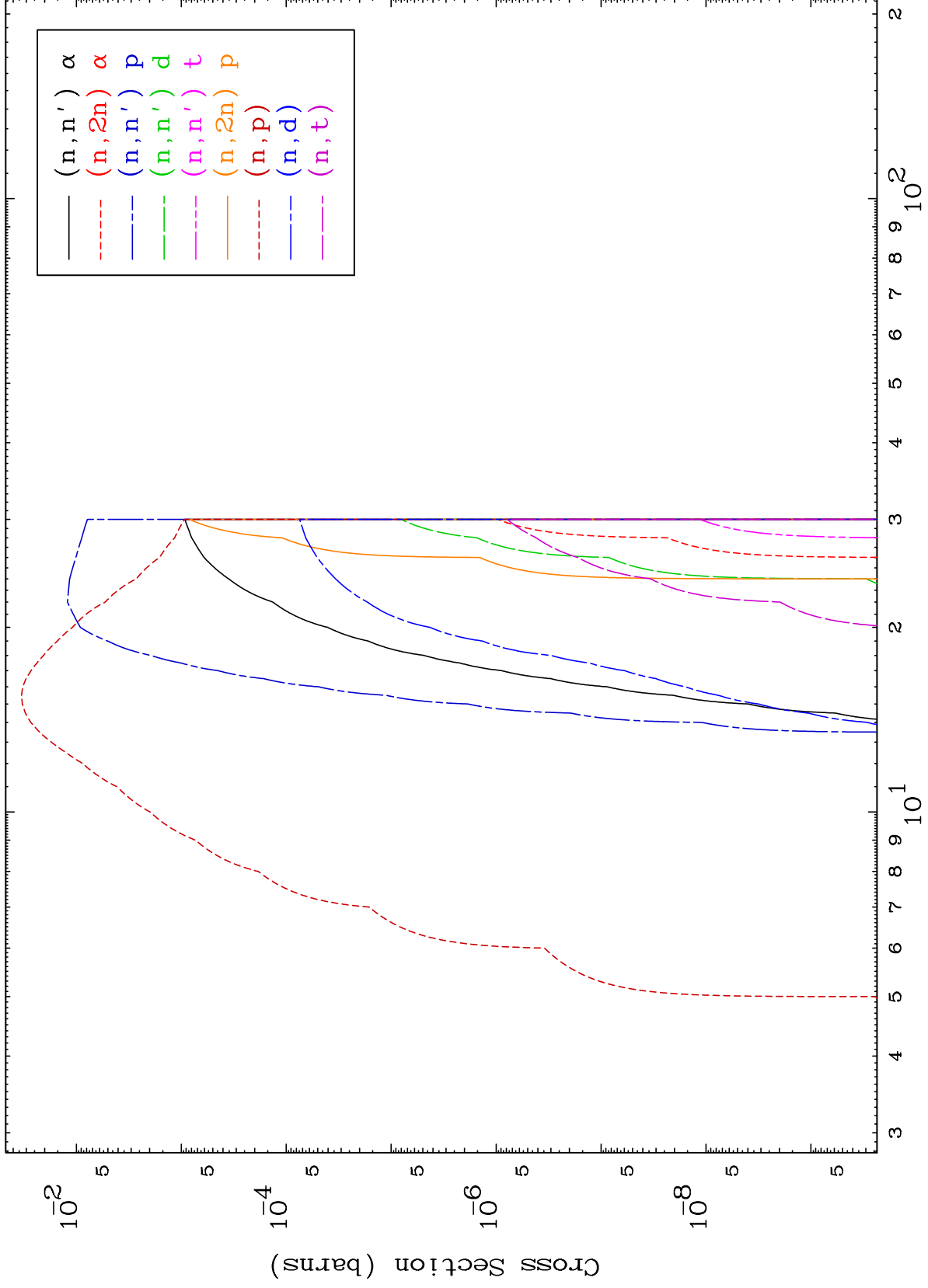
Incident Energy (MeV)



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Photon Charged Particle
0 Kelvin Cross Sections

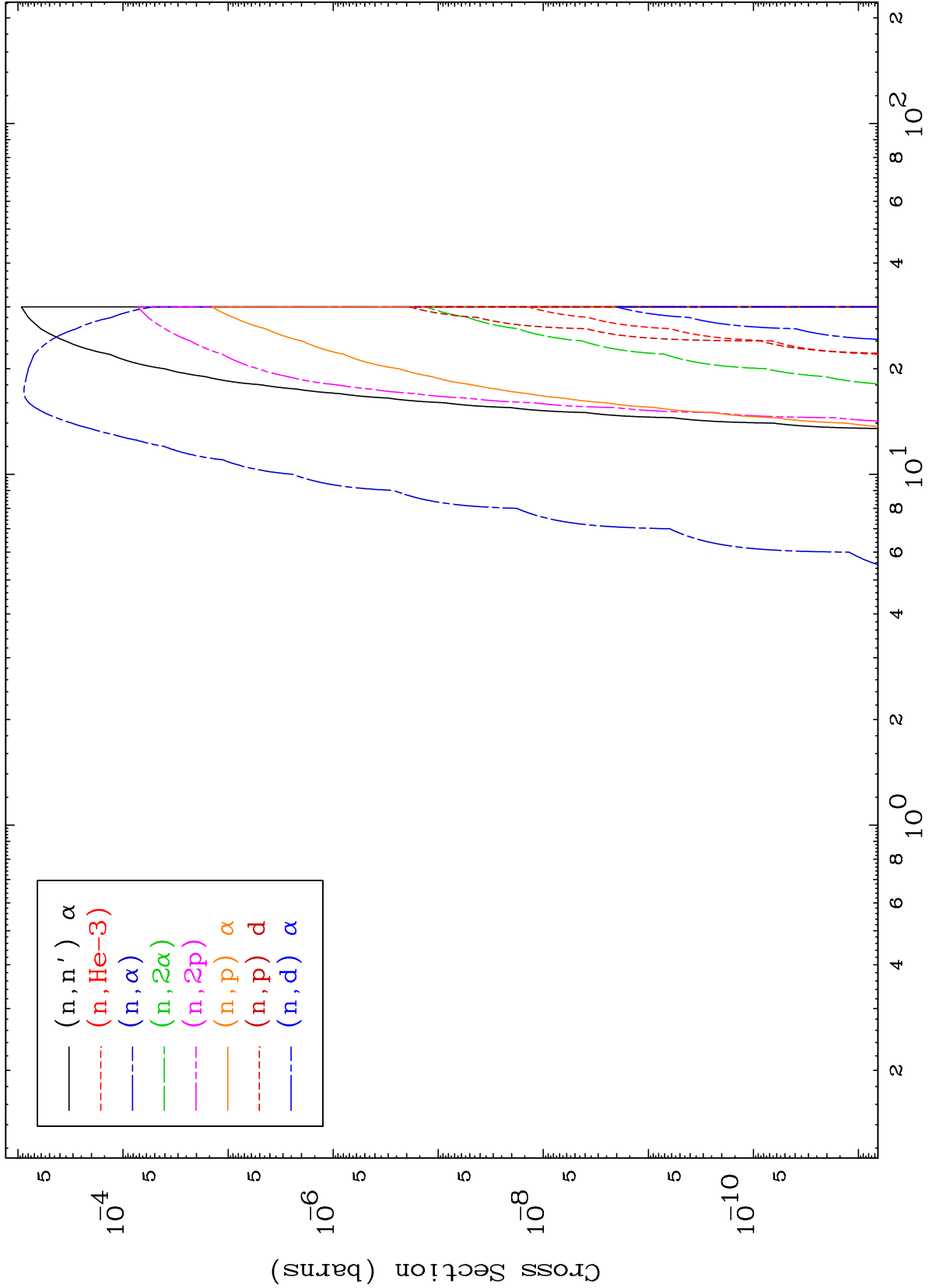
61-Pm-140m



61-Pm-140m

Incident Energy (MeV)

4

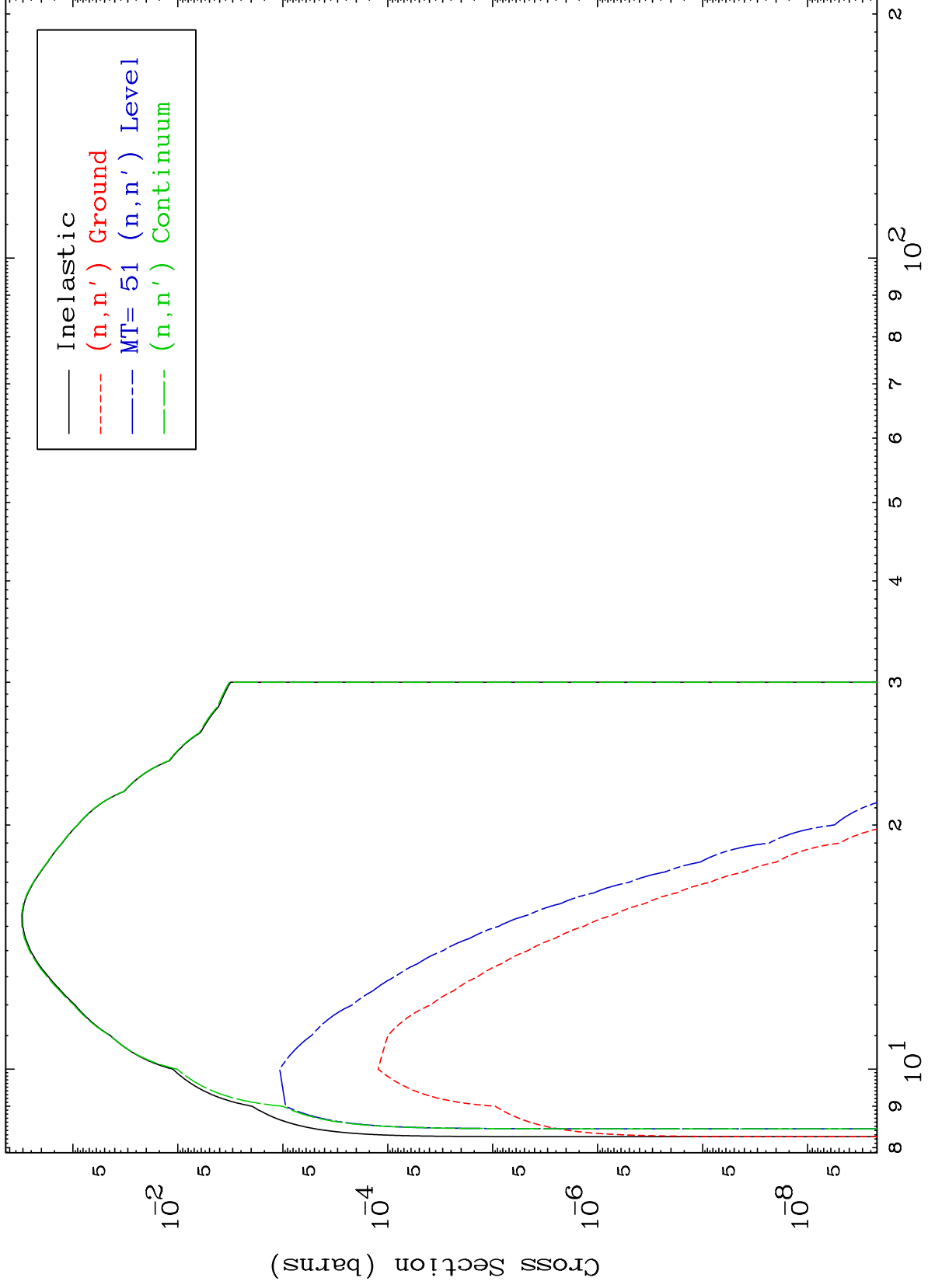


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(γ, n') Levels

61-Pm-140m

0 Kelvin Cross Sections



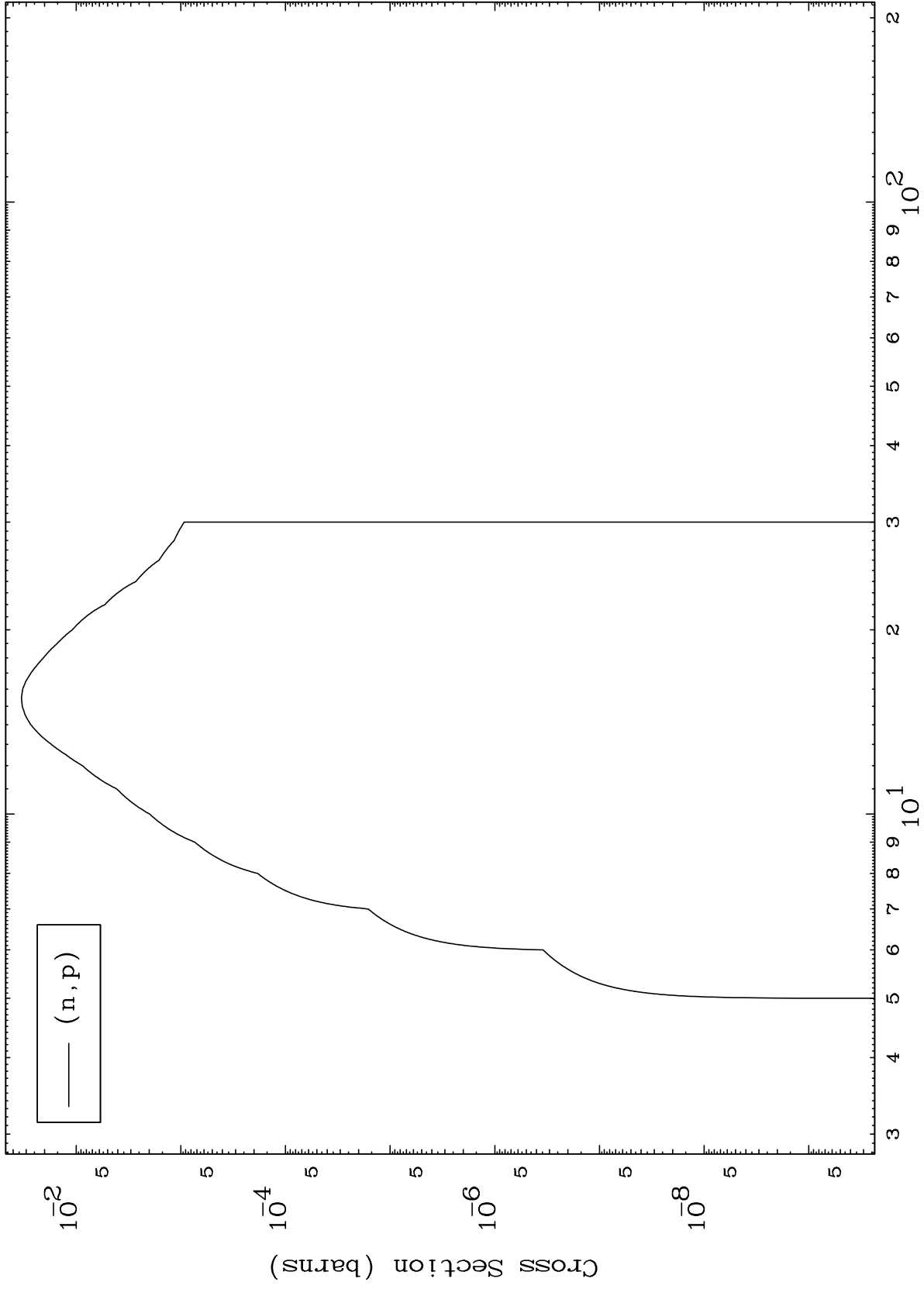
Incident Energy (MeV)

61-Pm-140m

MAT 6129

(γ, p) Levels
0 Kelvin Cross Sections

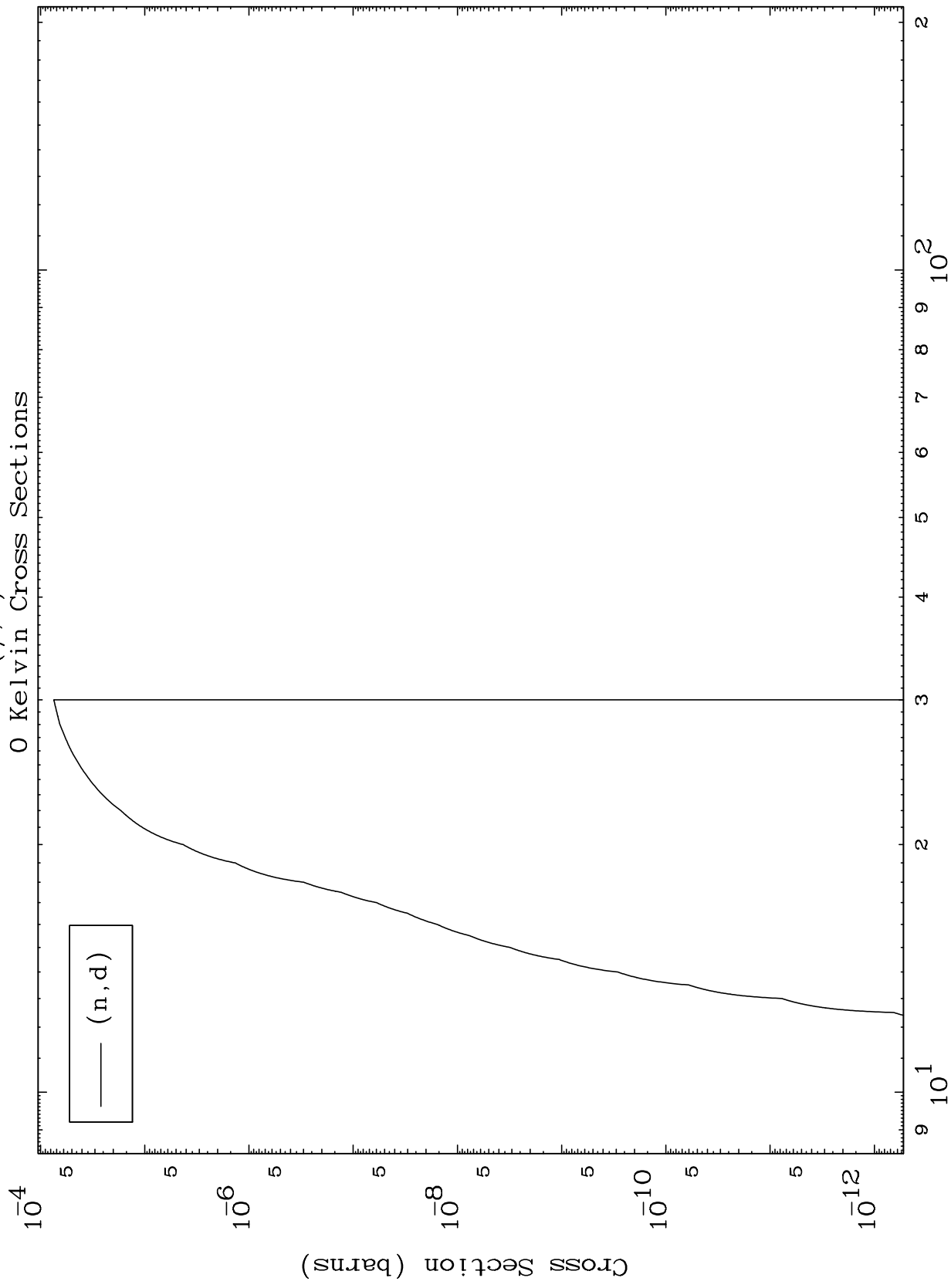
61-Pm-140m



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(γ, d) Levels
0 Kelvin Cross Sections

61-Pm-140m



Incident Energy (MeV)

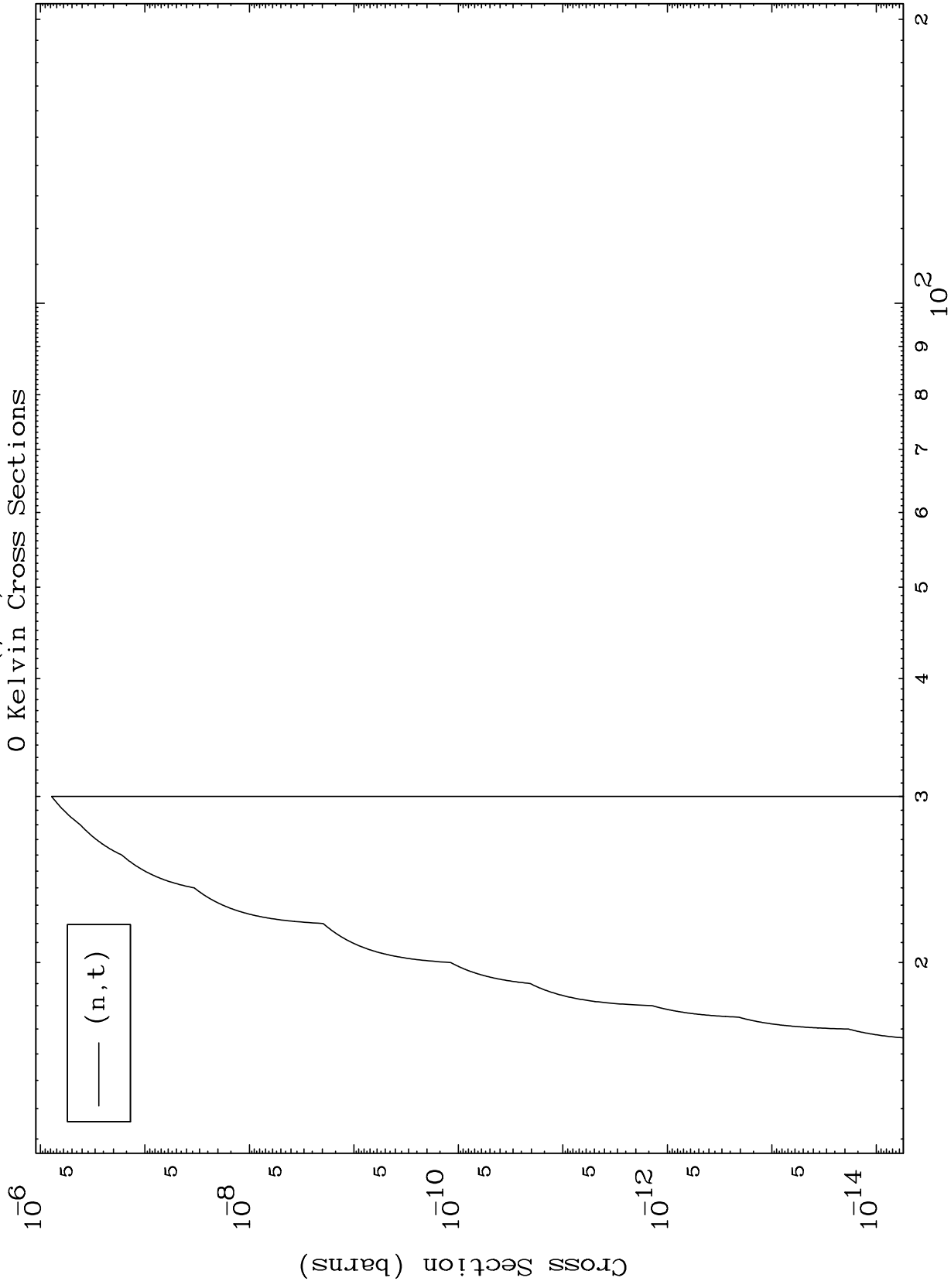
61-Pm-140m

8

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(γ, t) Levels
0 Kelvin Cross Sections

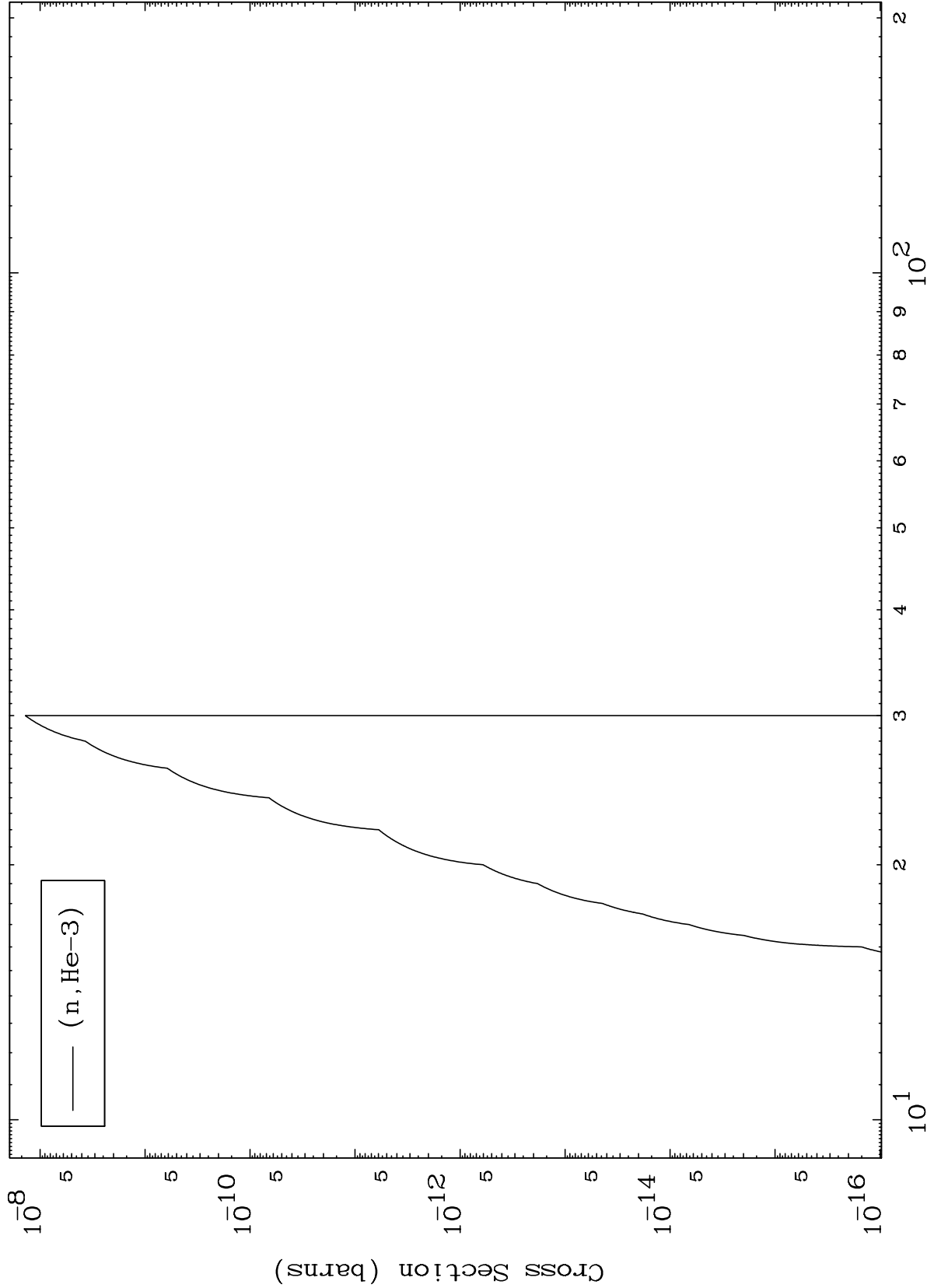
61-Pm-140m



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(γ , He3) Levels
0 Kelvin Cross Sections

61-Pm-140m



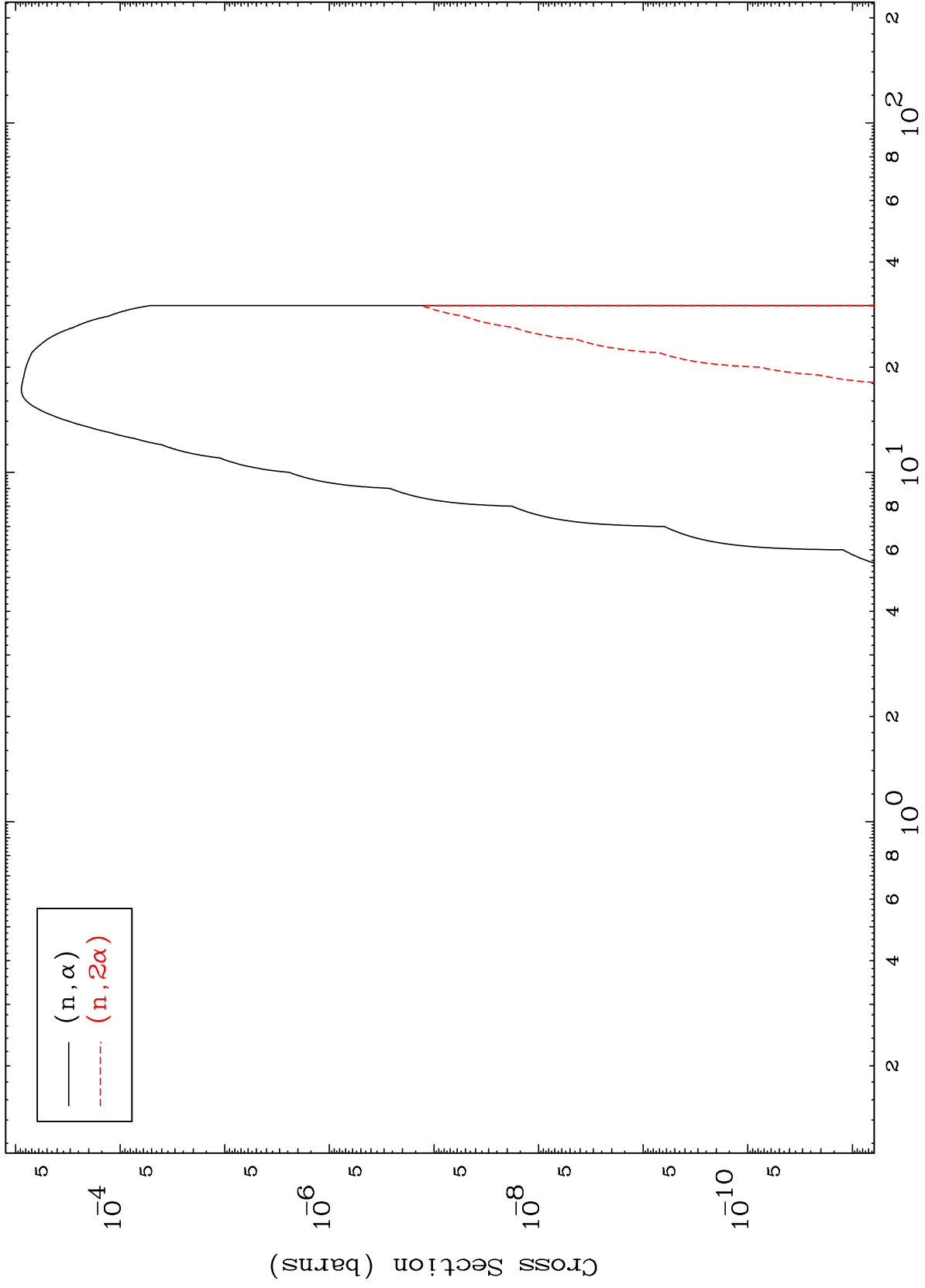
Incident Energy (MeV)

61-Pm-140m

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(γ, α) Levels
0 Kelvin Cross Sections

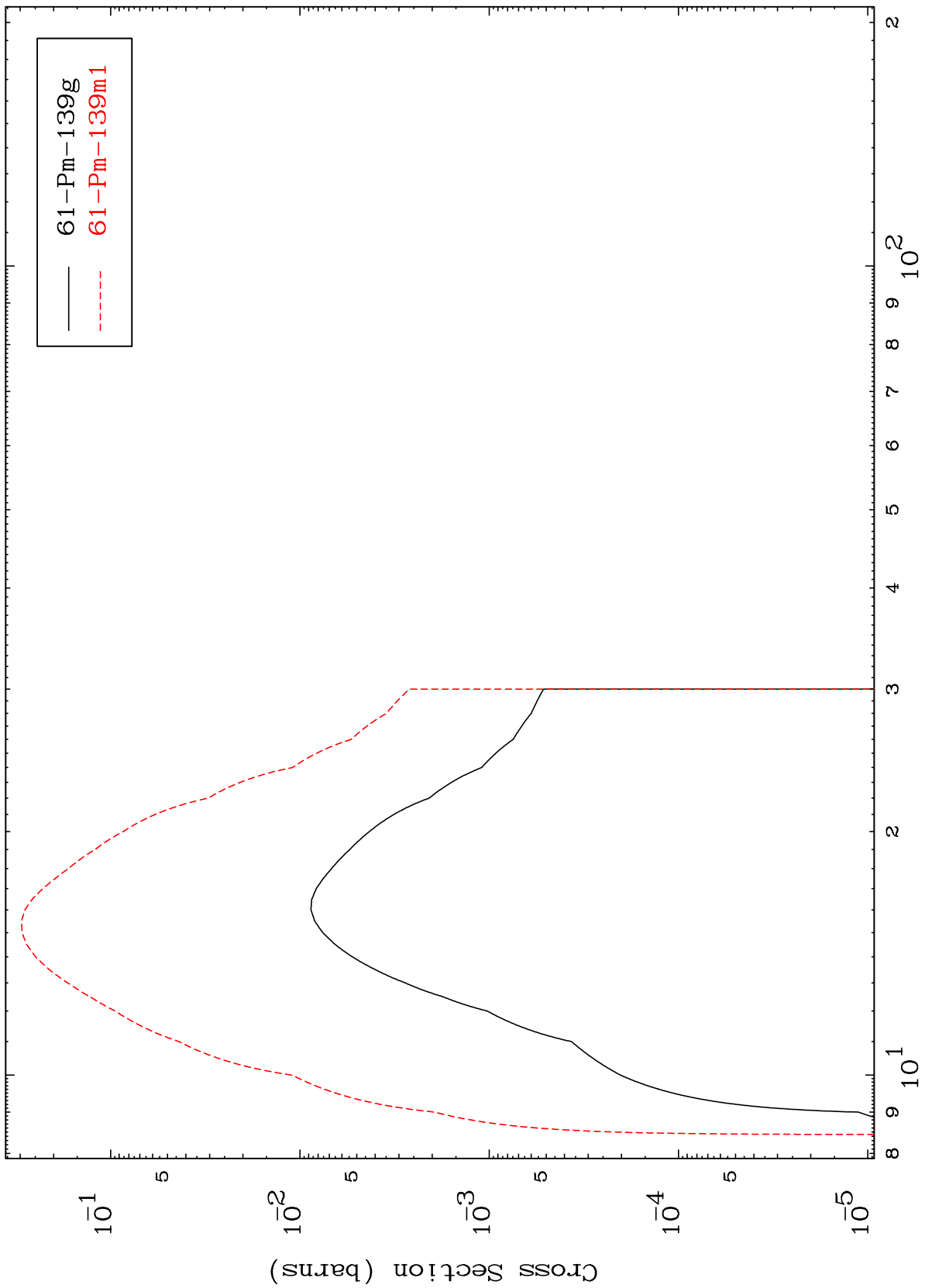
61-Pm-140m



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61-Pm-140m

Inelastic
Radionuclide Production Cross Section



61-Pm-140m

Incident Energy (MeV)

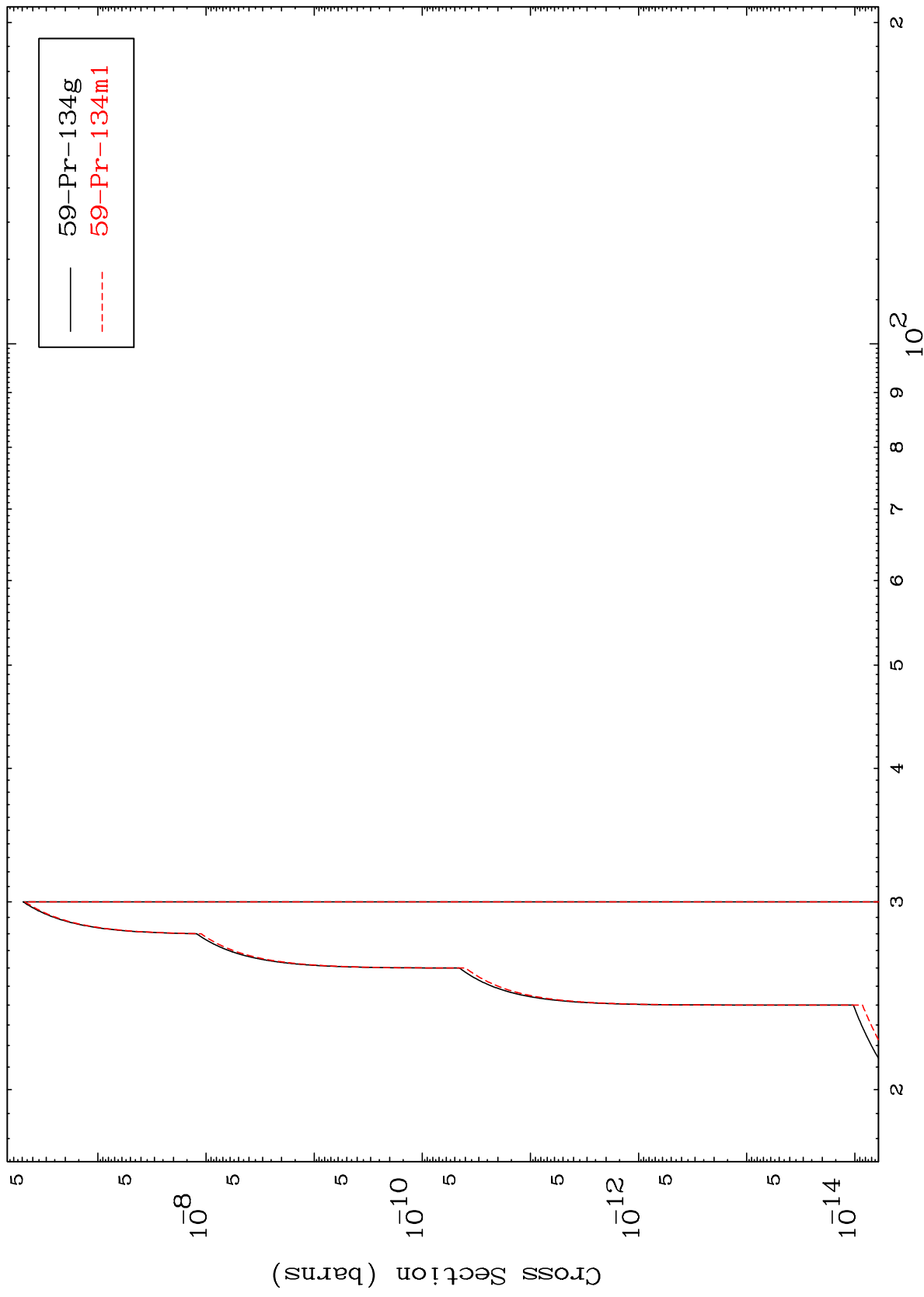
12

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(n,2n) α

61-Pm-140m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

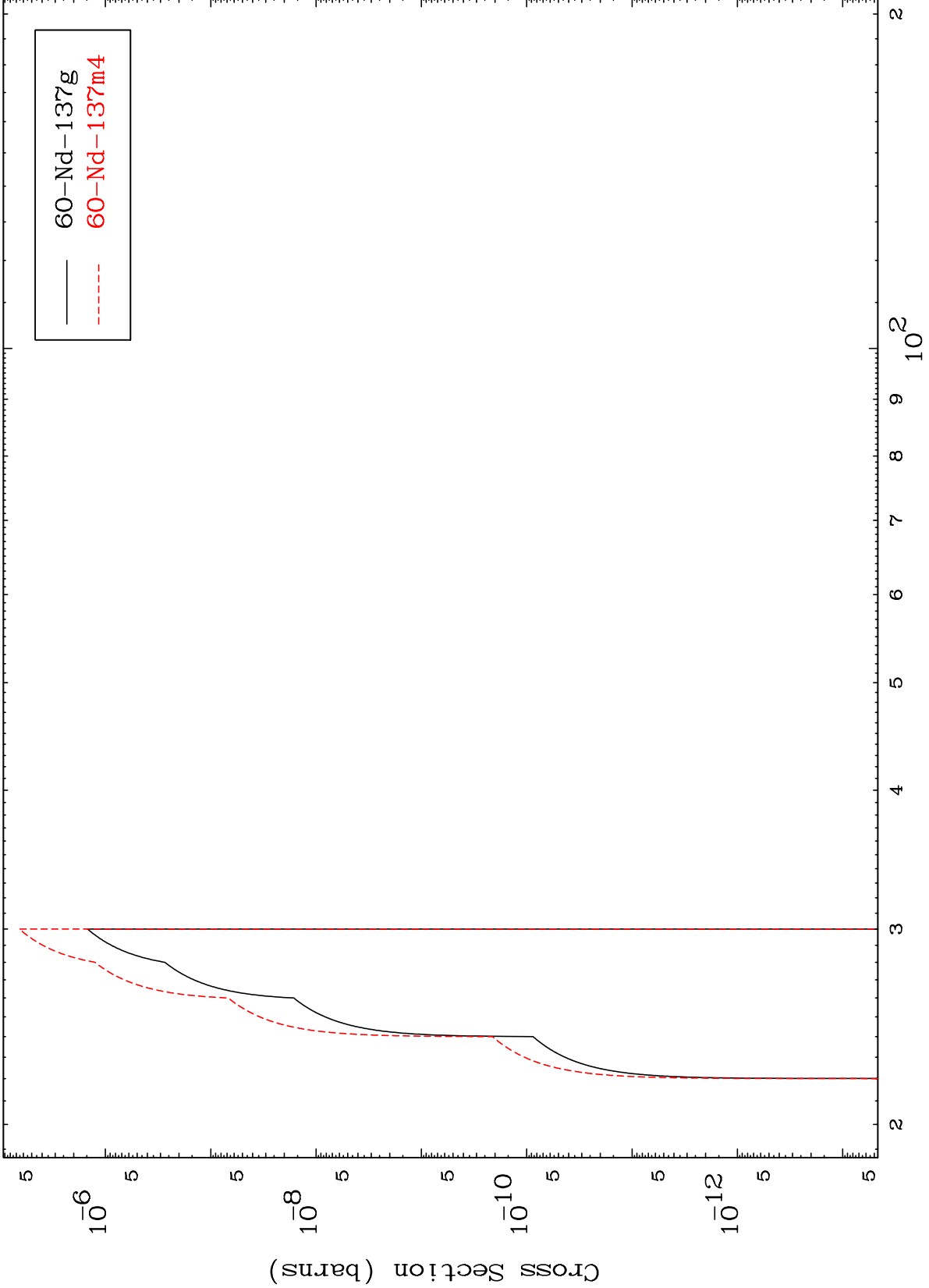
61-Pm-140m

MAT 6129

(n,n') d

61-Pm-140m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

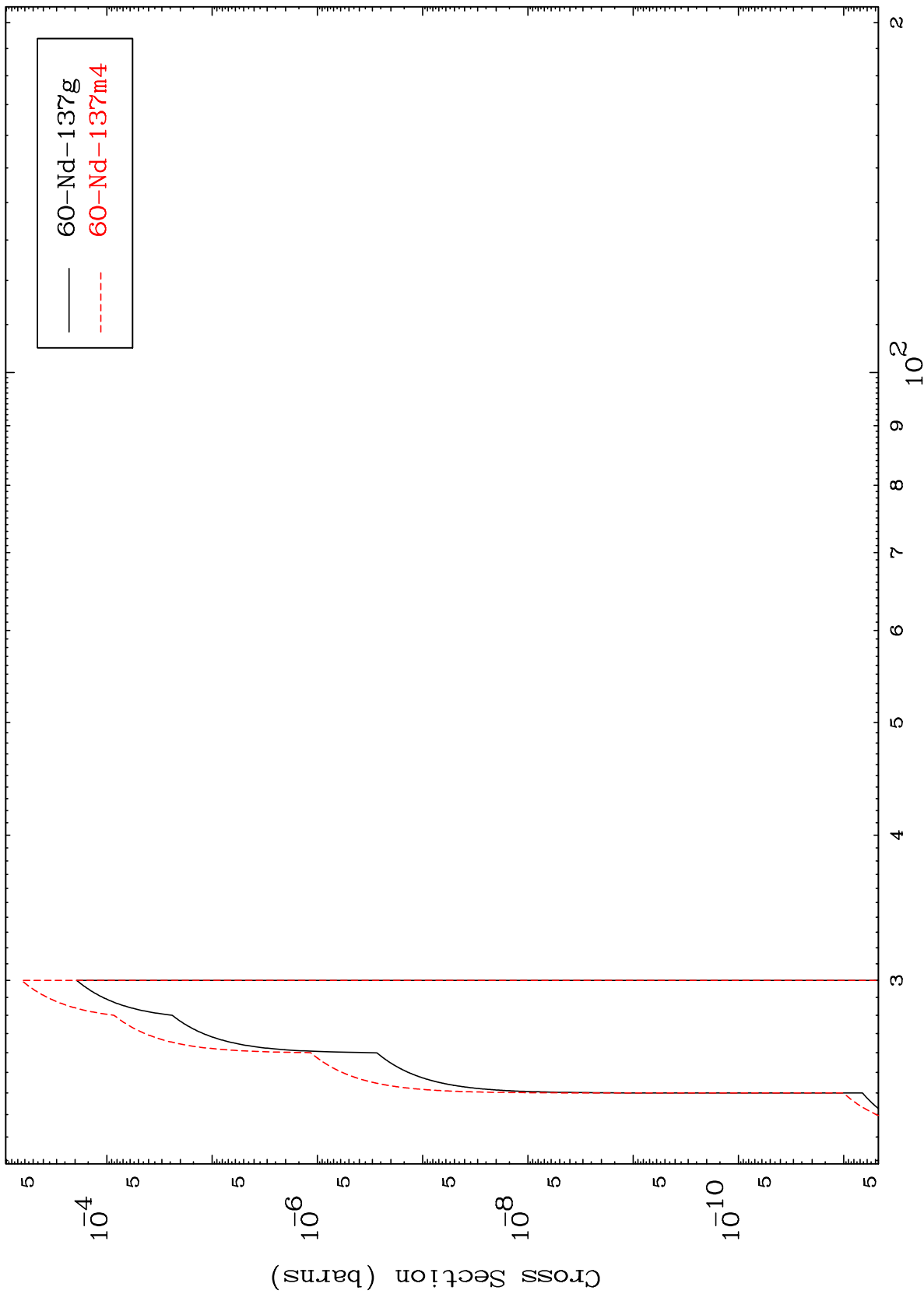
61-Pm-140m

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(n,2n) p

61-Pm-140m

Radionuclide Production Cross Section



15

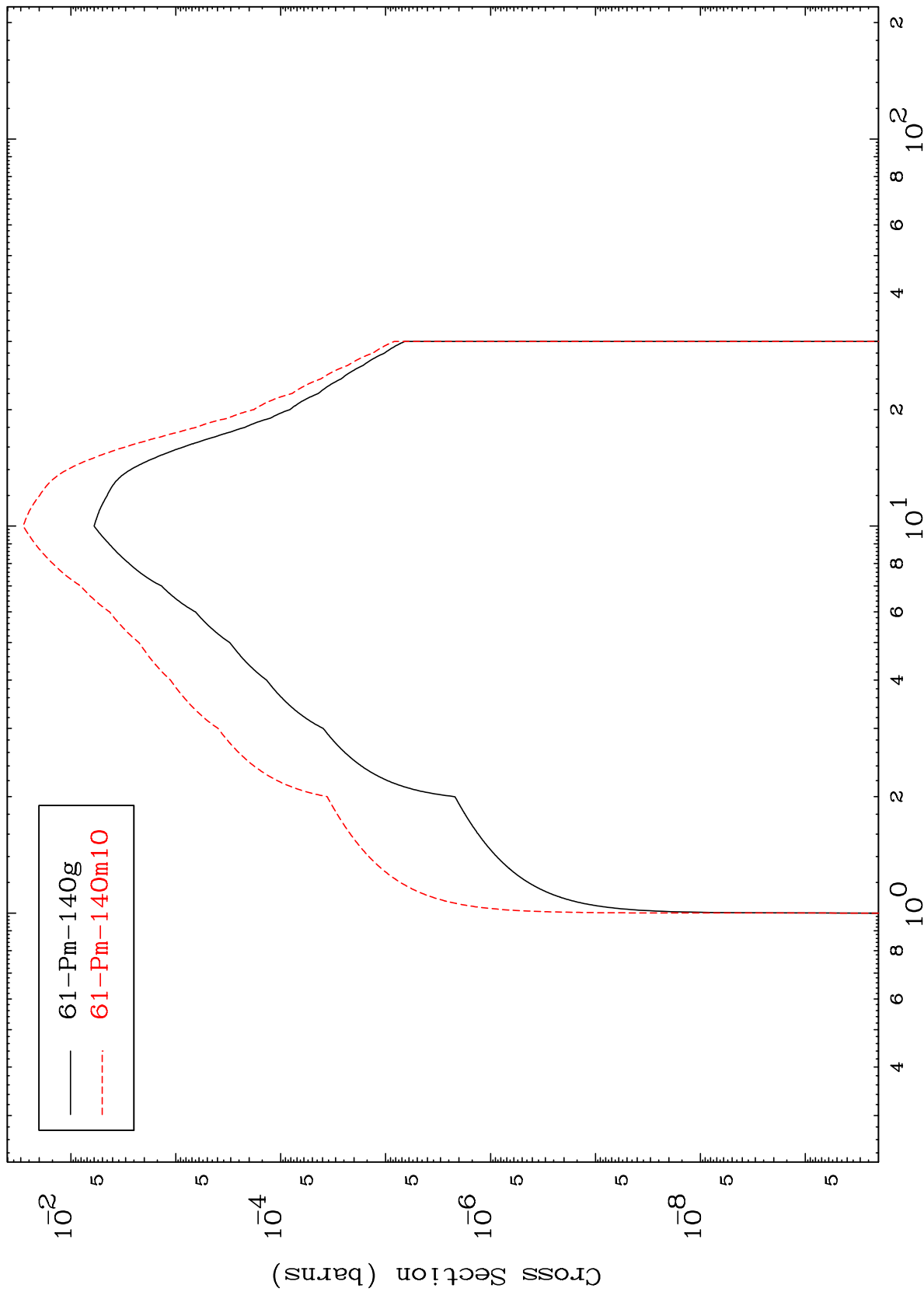
Incident Energy (MeV)

61-Pm-140m

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61-Pm-140m

Radionuclide Production Cross Section
(n, γ)



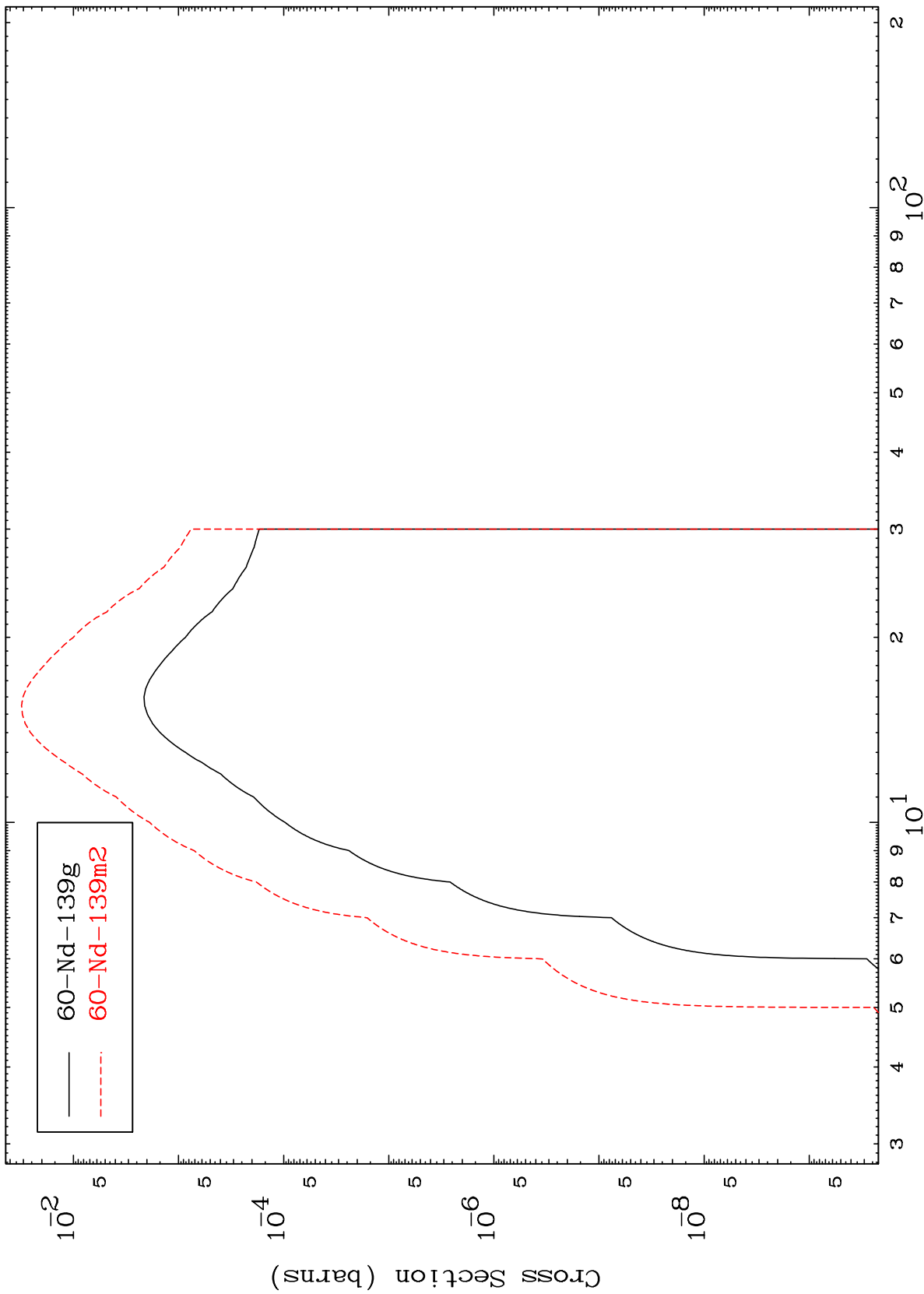
16

61-Pm-140m

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61-Pm-140m

(n,p)
Radionuclide Production Cross Section



17

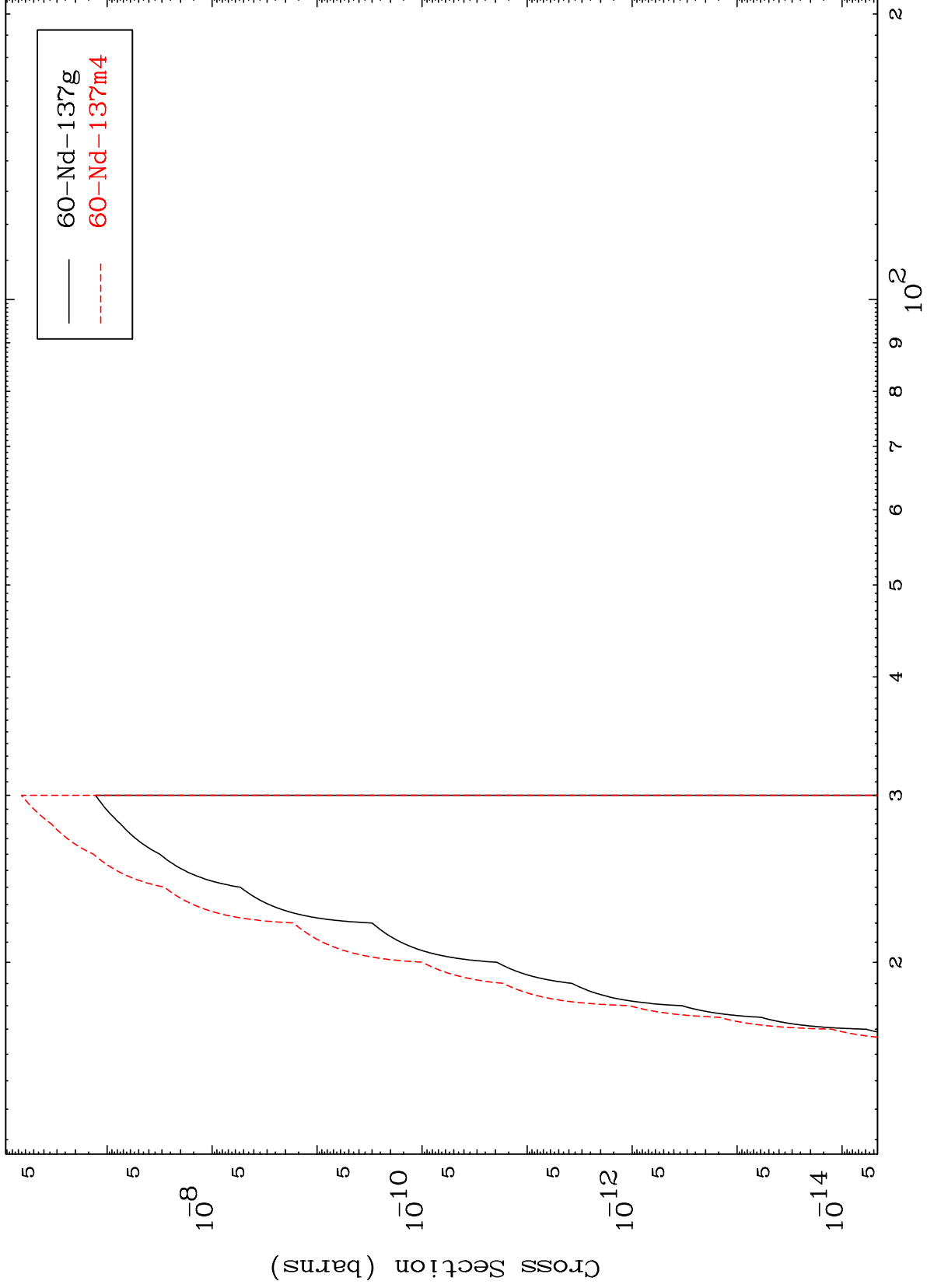
Incident Energy (MeV)

61-Pm-140m

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61-Pm-140m

(n, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

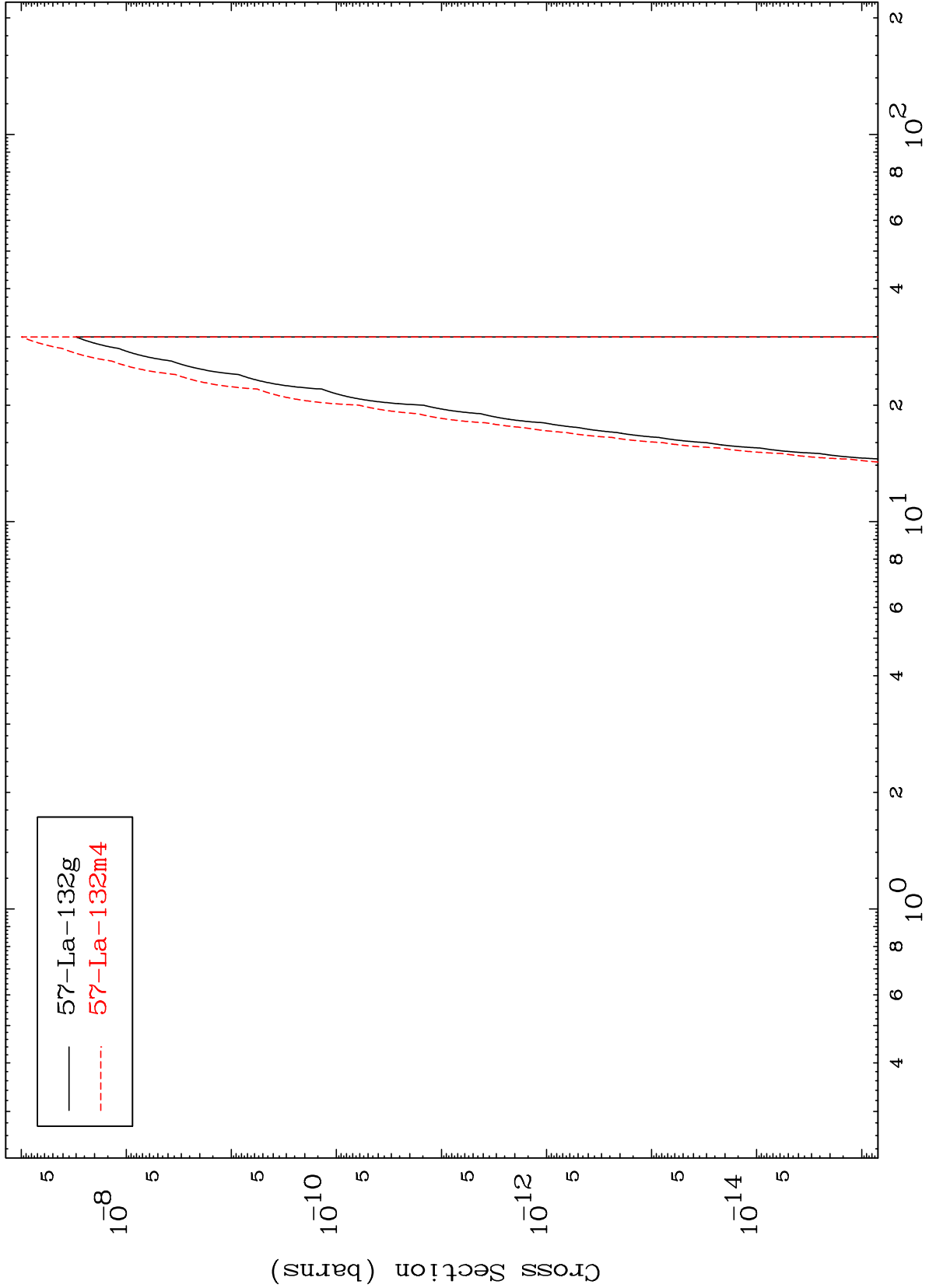
61-Pm-140m

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(n,2α)

61-Pm-140m

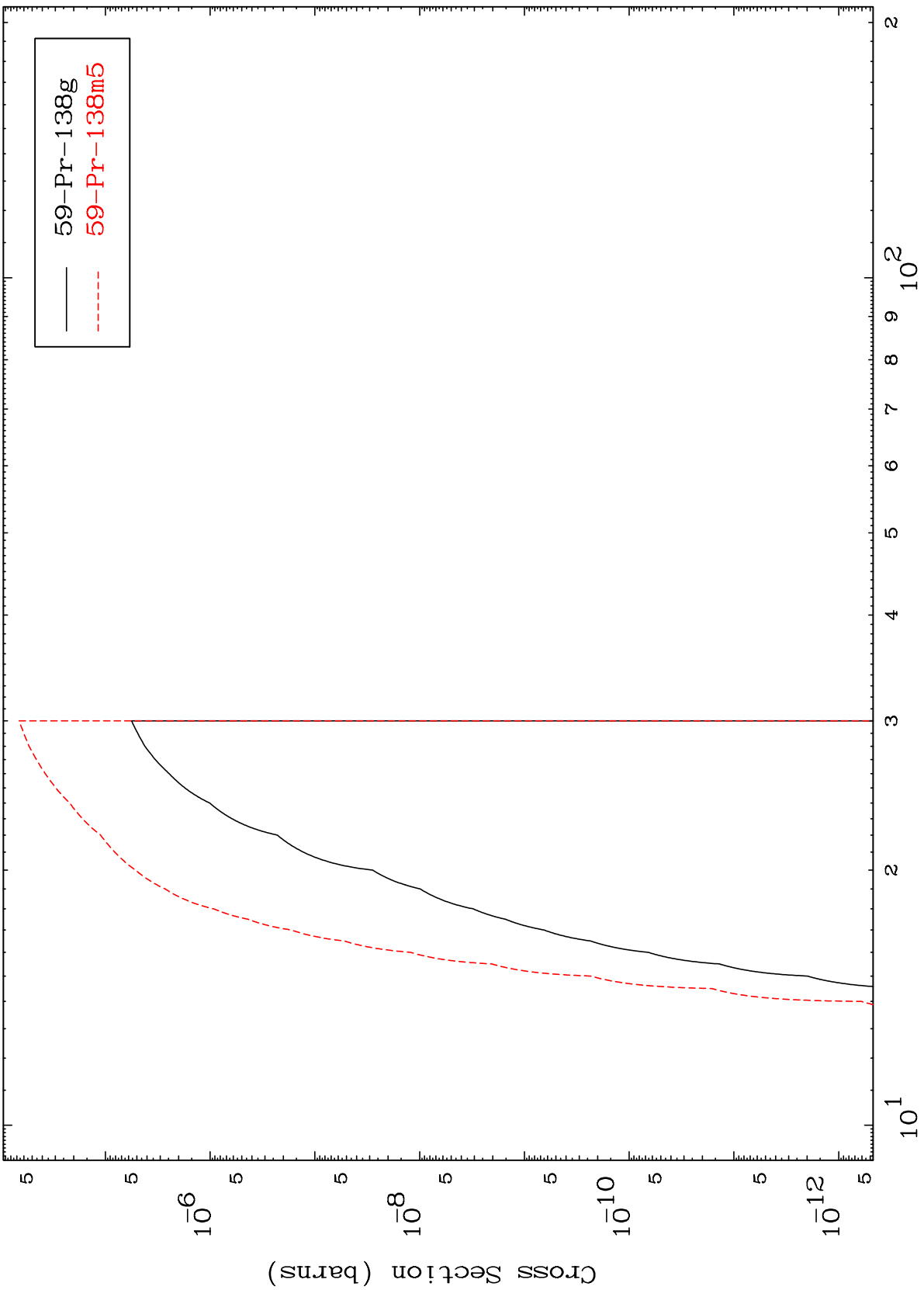
Radionuclide Production Cross Section



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61-Pm-140m

(n,2p)
Radionuclide Production Cross Section



61-Pm-140m

Incident Energy (MeV)

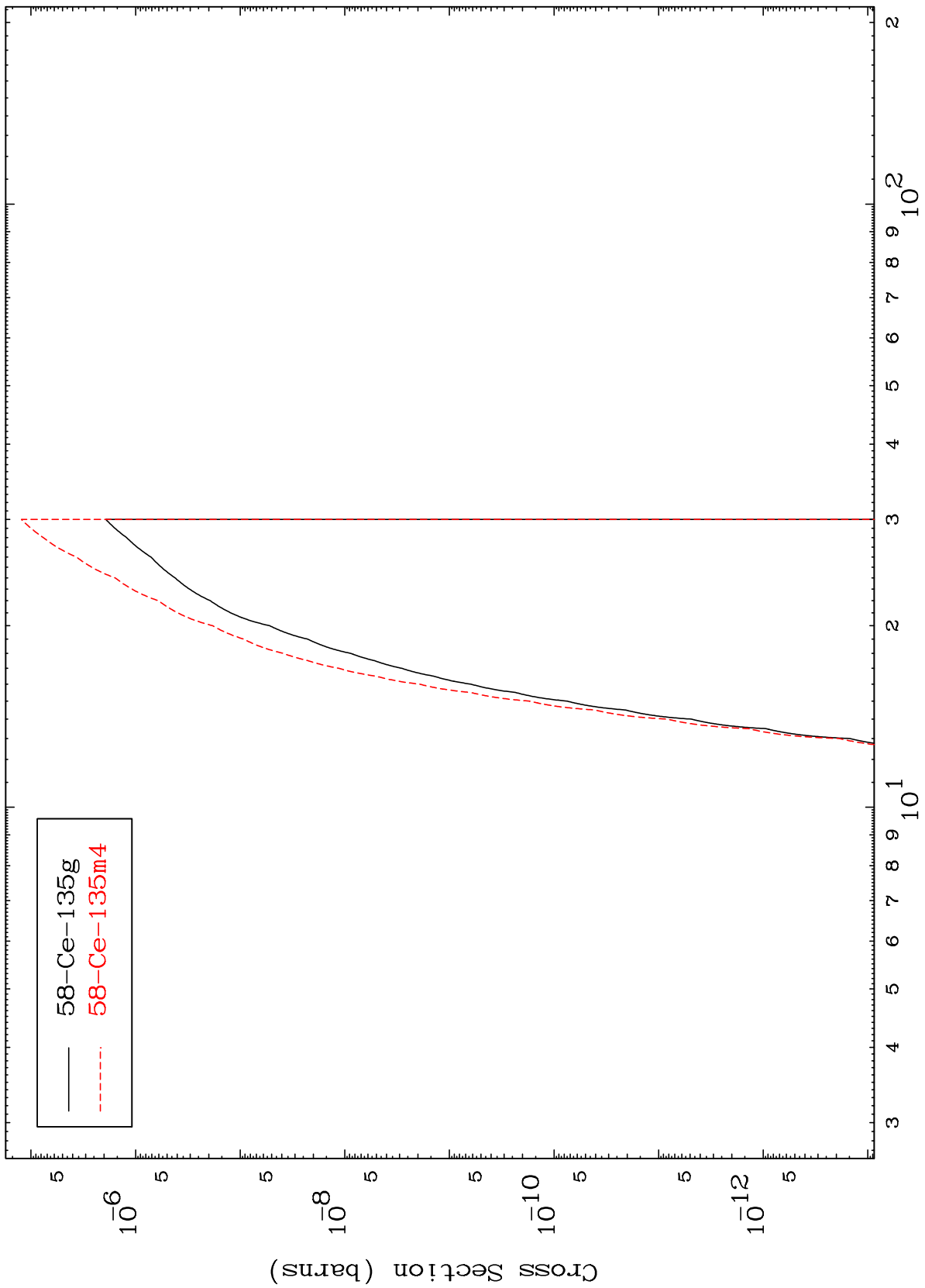
20

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(n,p) α

61-Pm-140m

Radionuclide Production Cross Section



— 58-Ce-135g
- - - 58-Ce-135m4