

Program EVALPLOT
(Version 2021-1)

by

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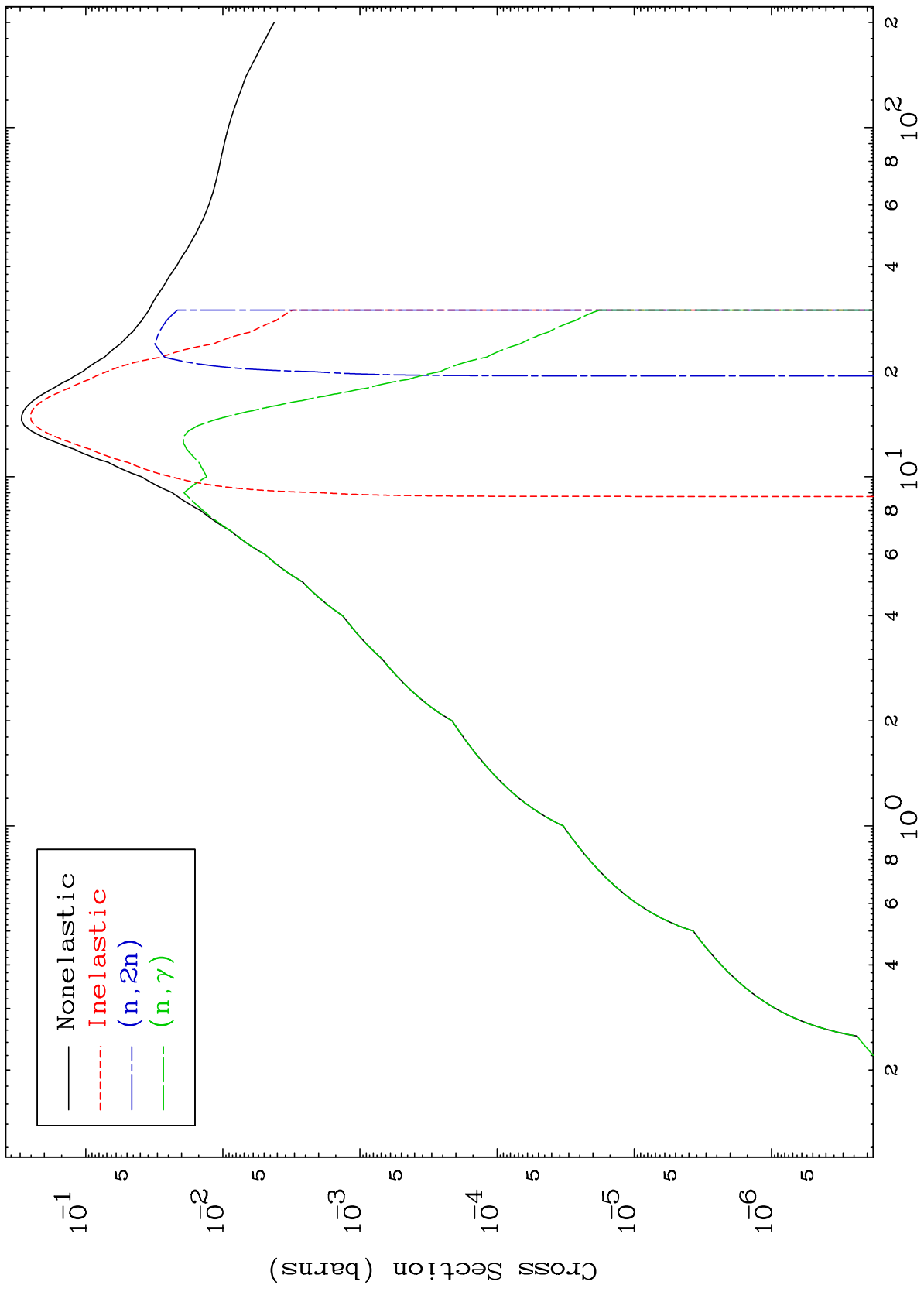
Web:redcullen1.net/HOMEPAGE.NEW

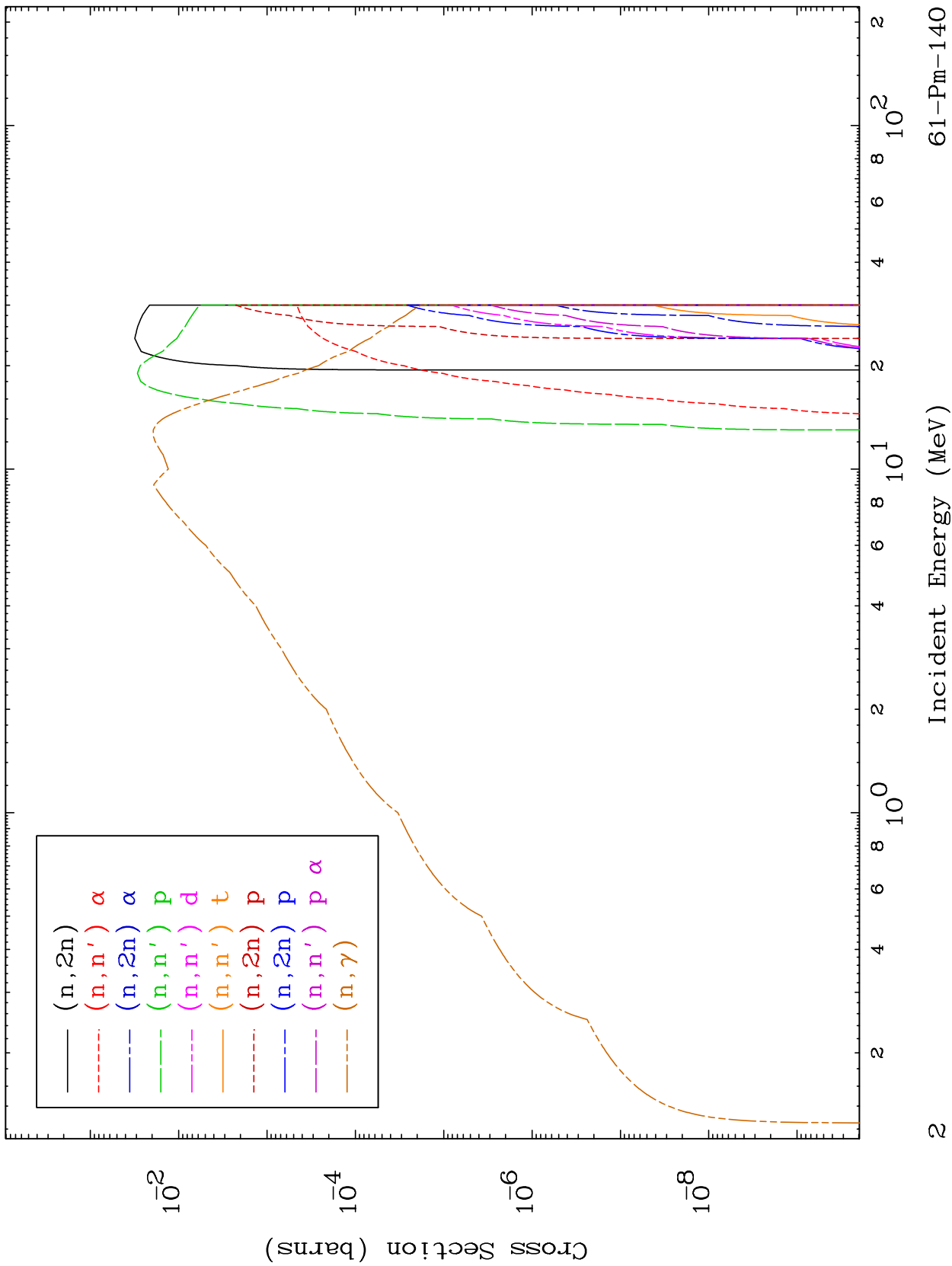
Press Mouse Button to Start

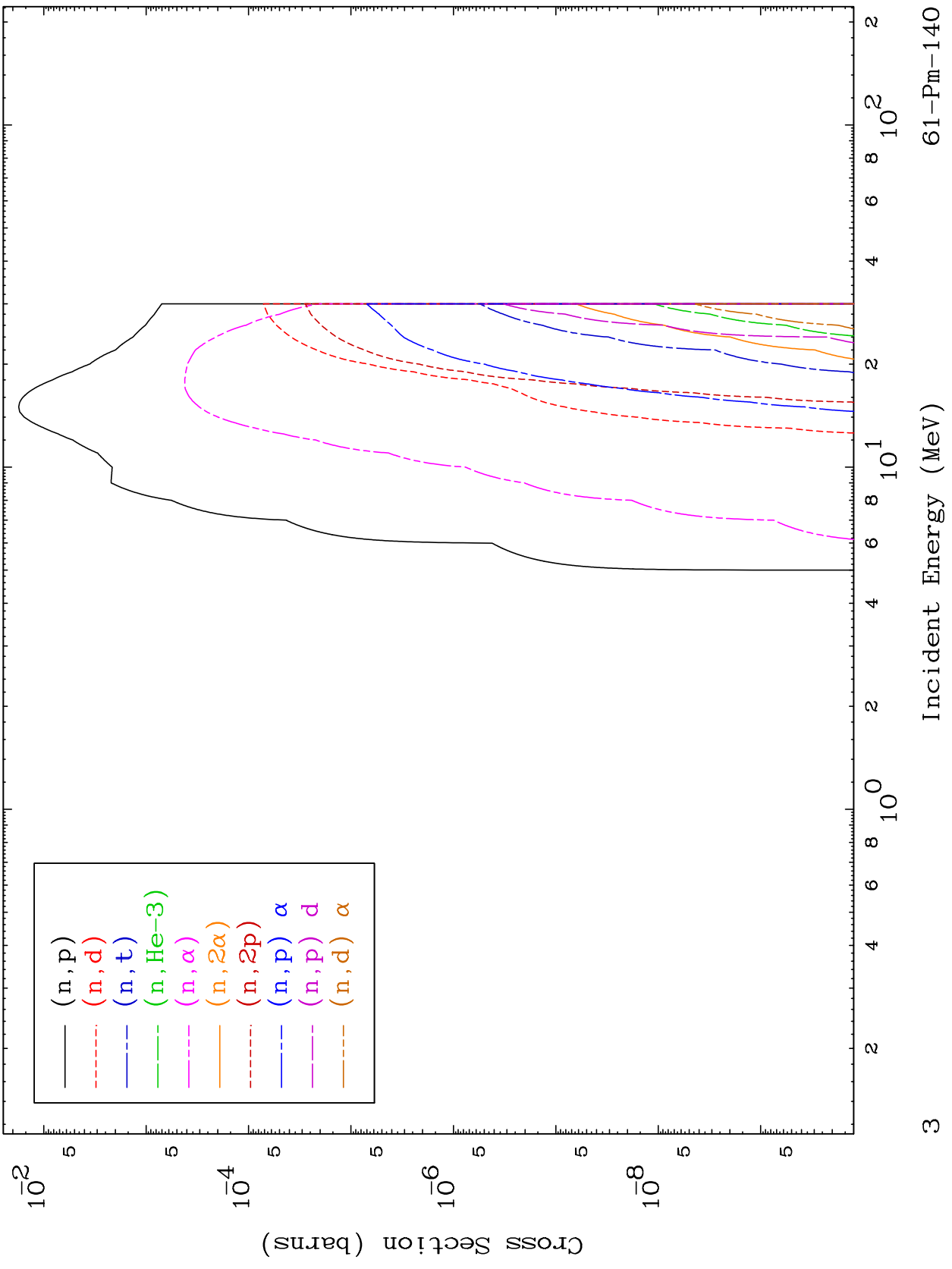
MAT 6128

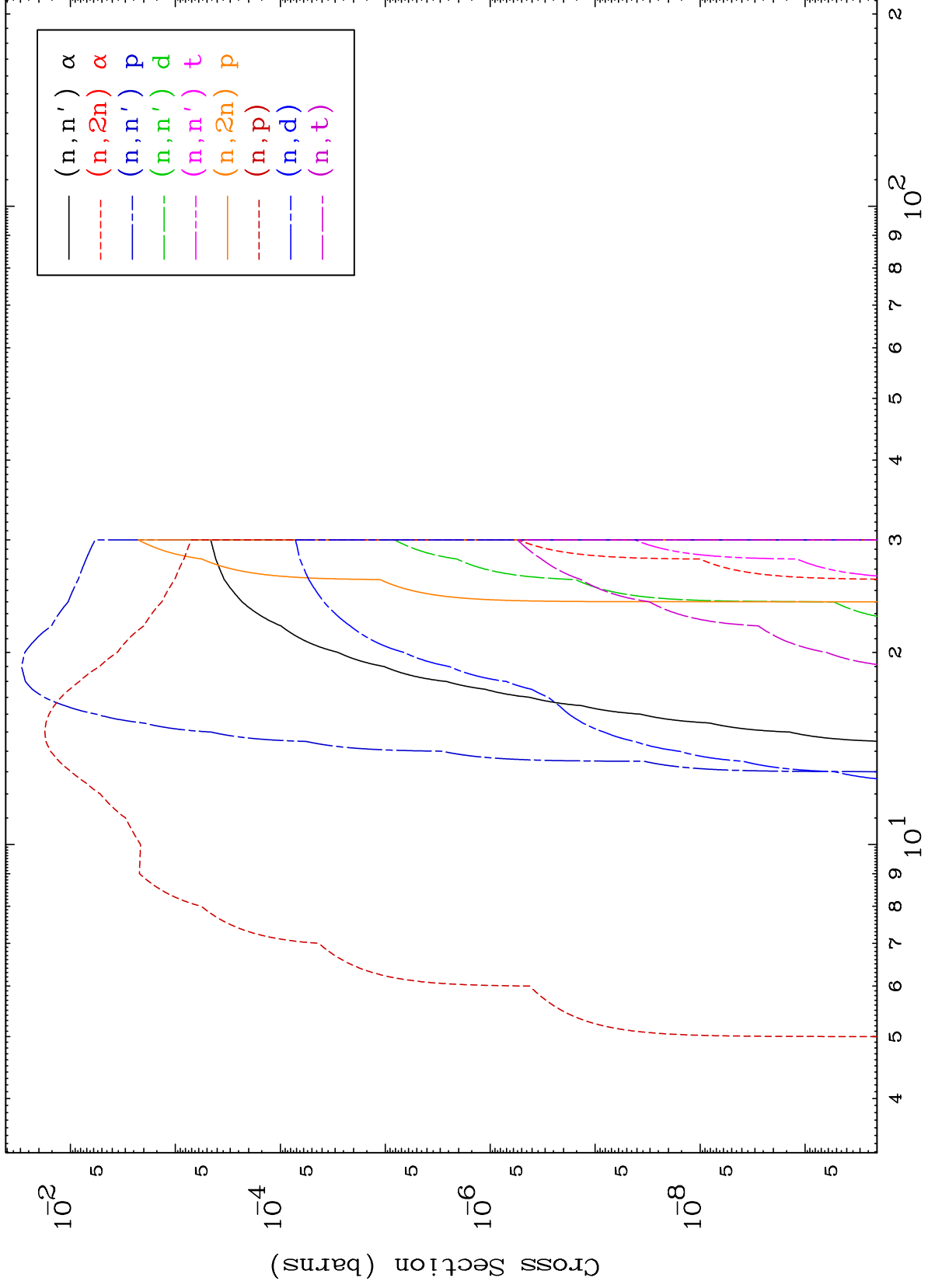
0 Kelvin Major
Photon Cross Sections

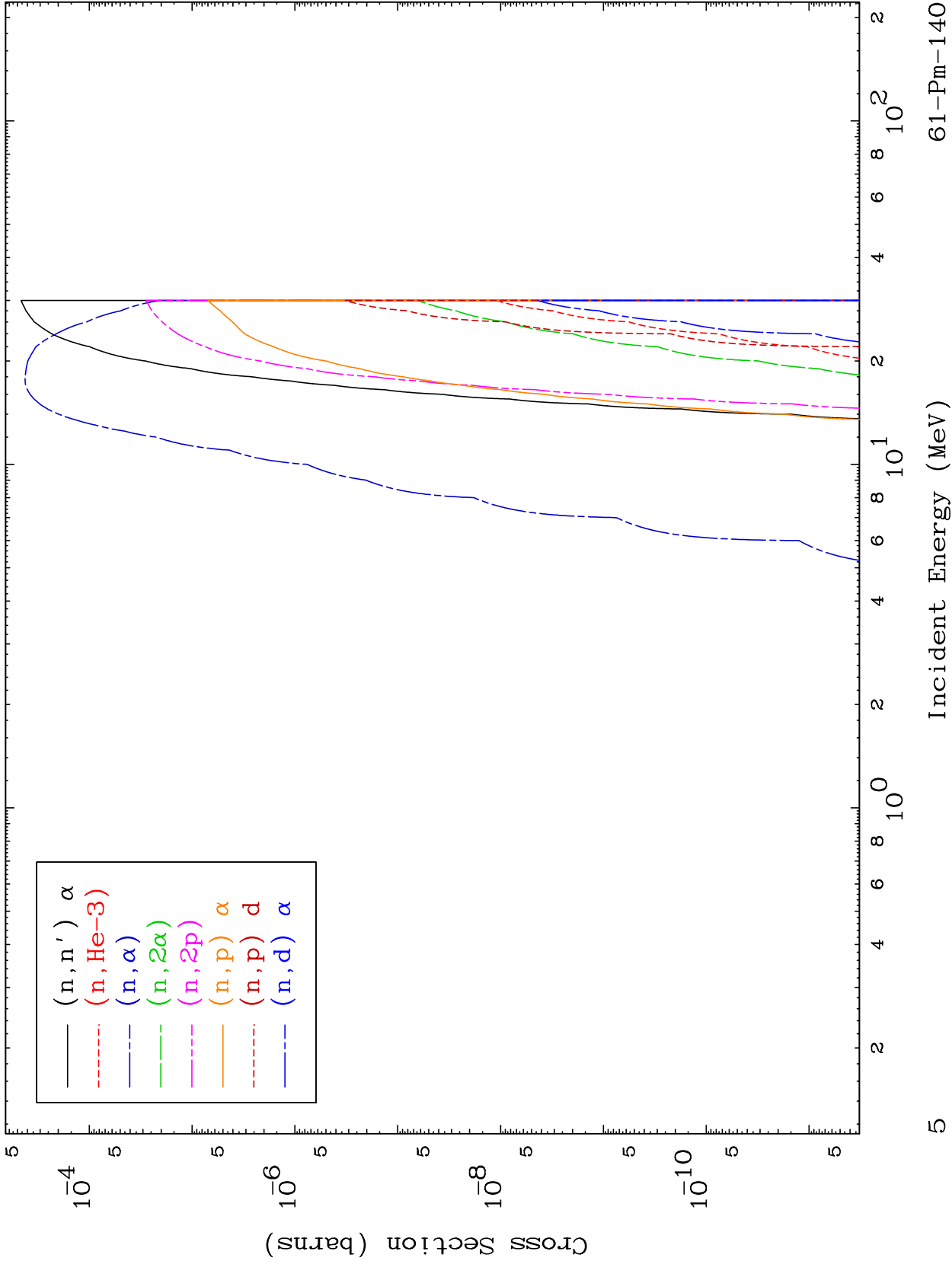
61-Pm-140









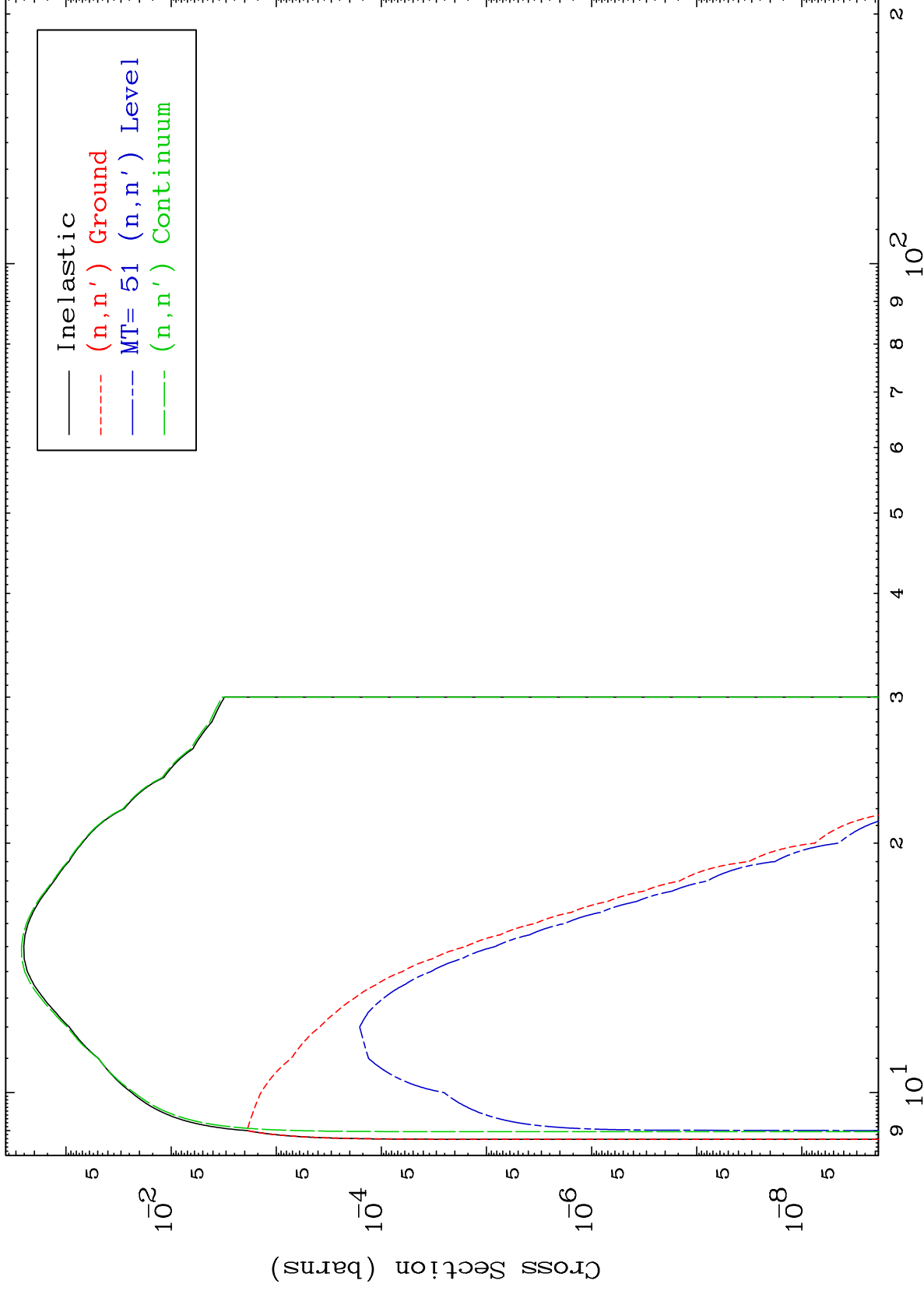


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(γ, n') Levels

61-Pm-140

0 Kelvin Cross Sections



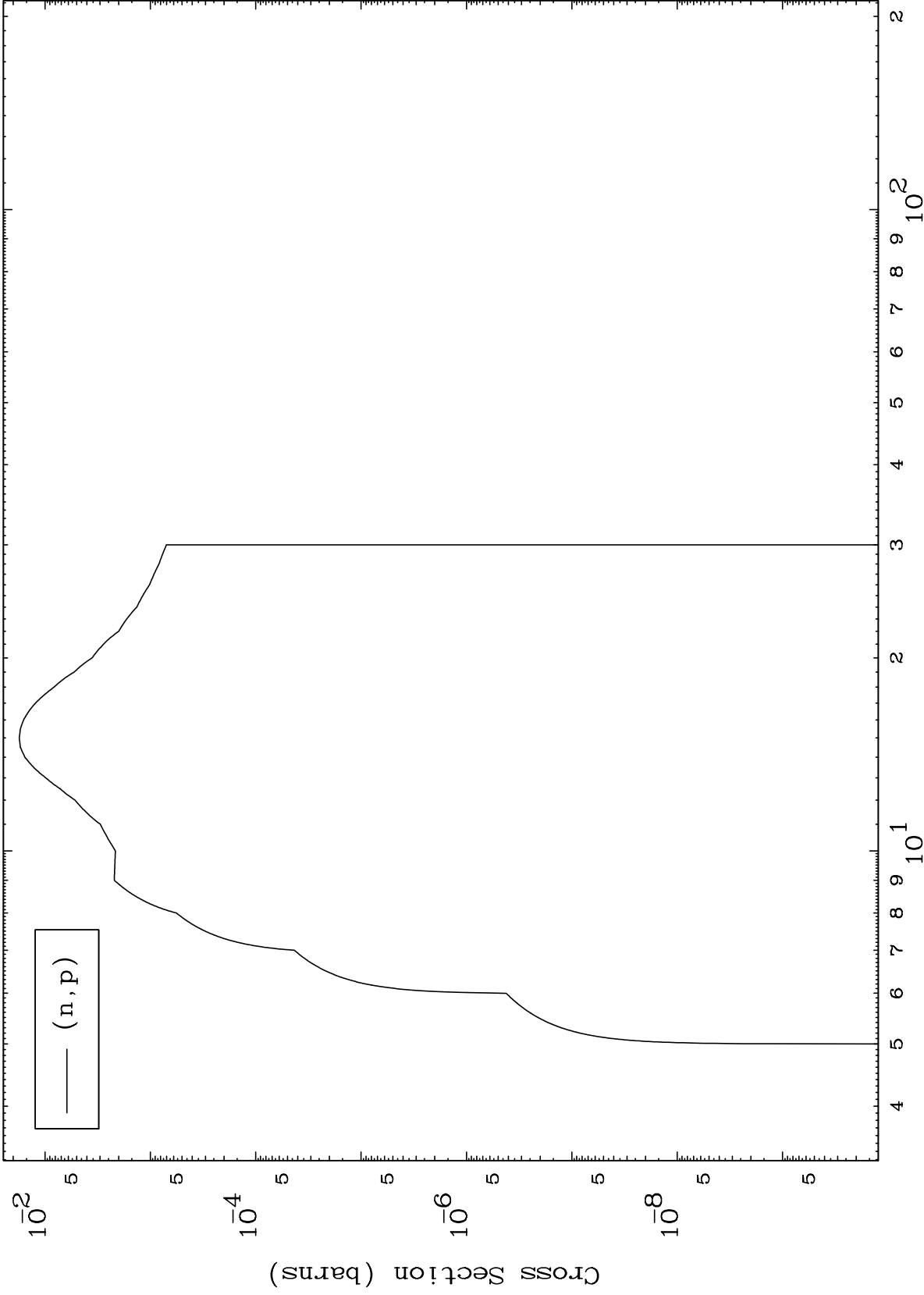
Incident Energy (MeV)

61-Pm-140

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(γ, p) Levels
0 Kelvin Cross Sections

61-Pm-140



7

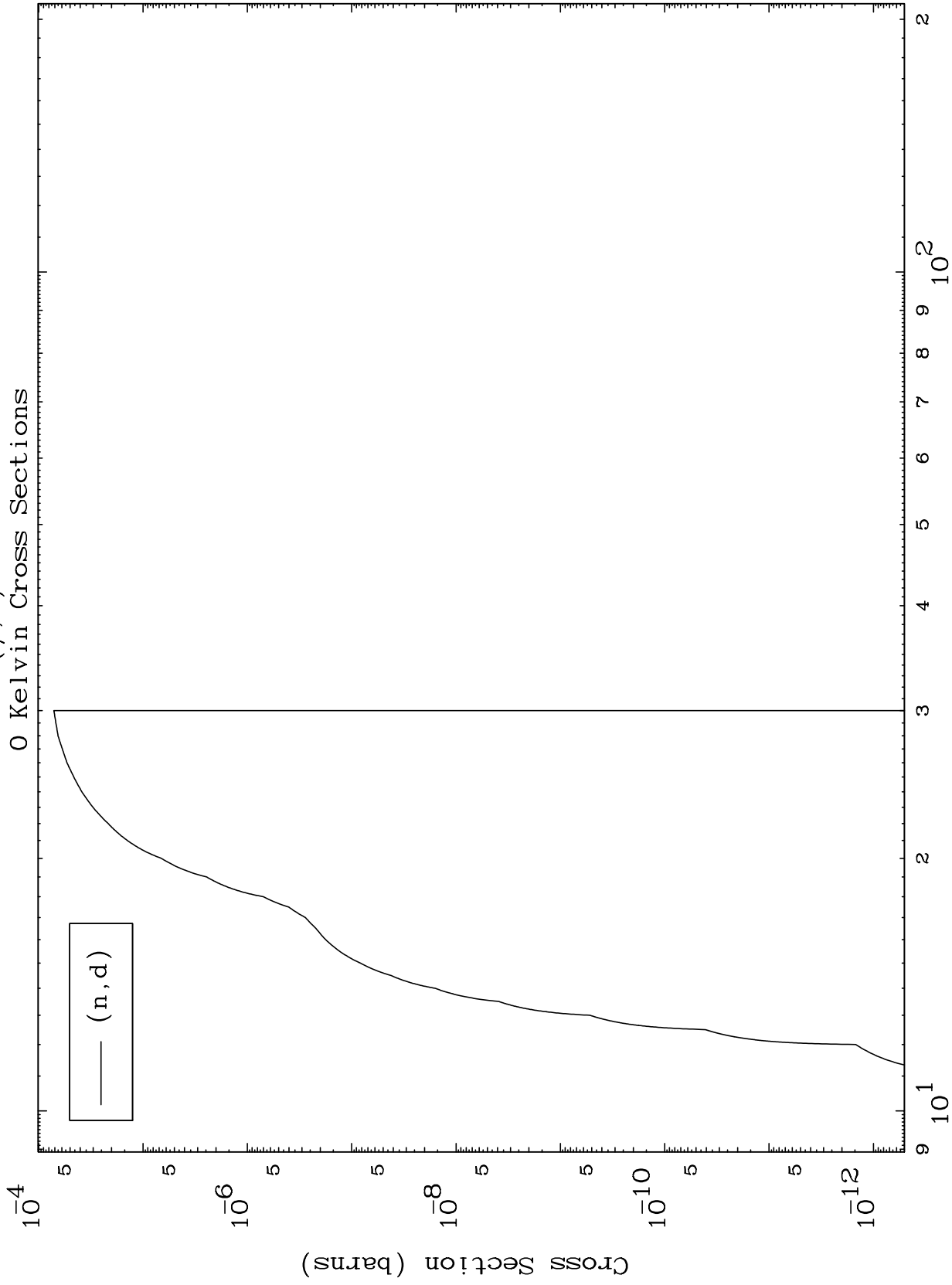
Incident Energy (MeV)

61-Pm-140

MAT 6128

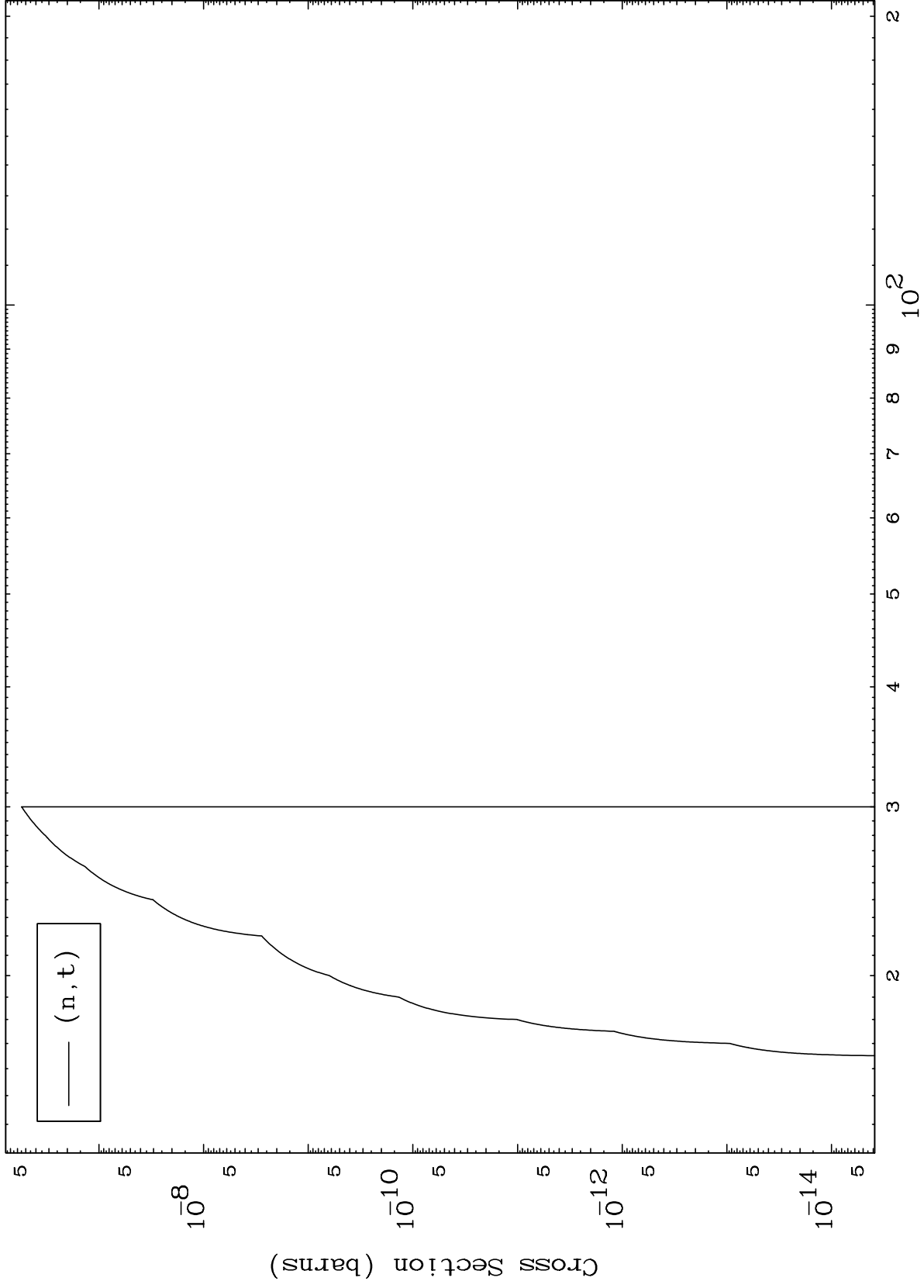
(γ, d) Levels

61-Pm-140



Incident Energy (MeV)

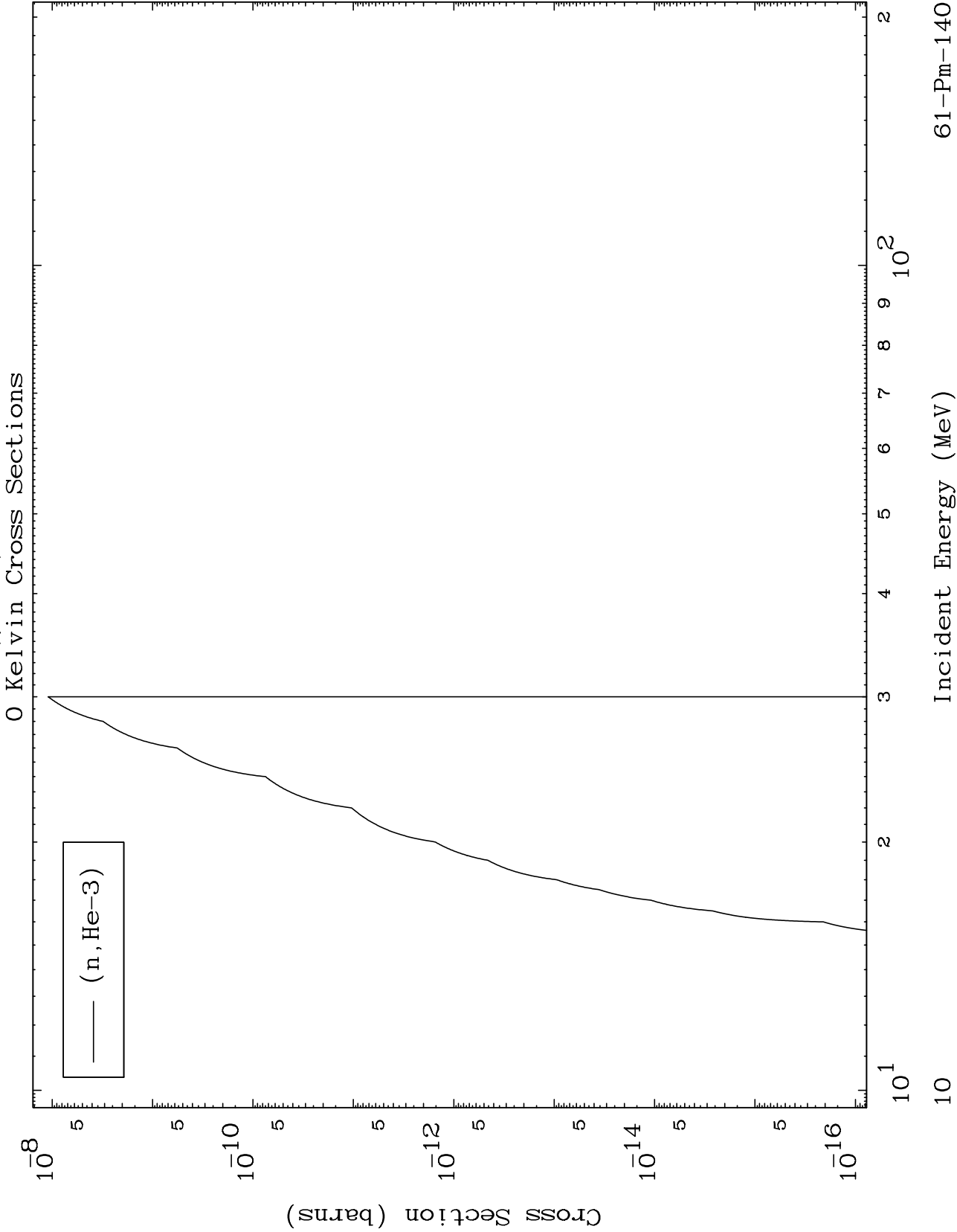
61-Pm-140



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

61-Pm-140

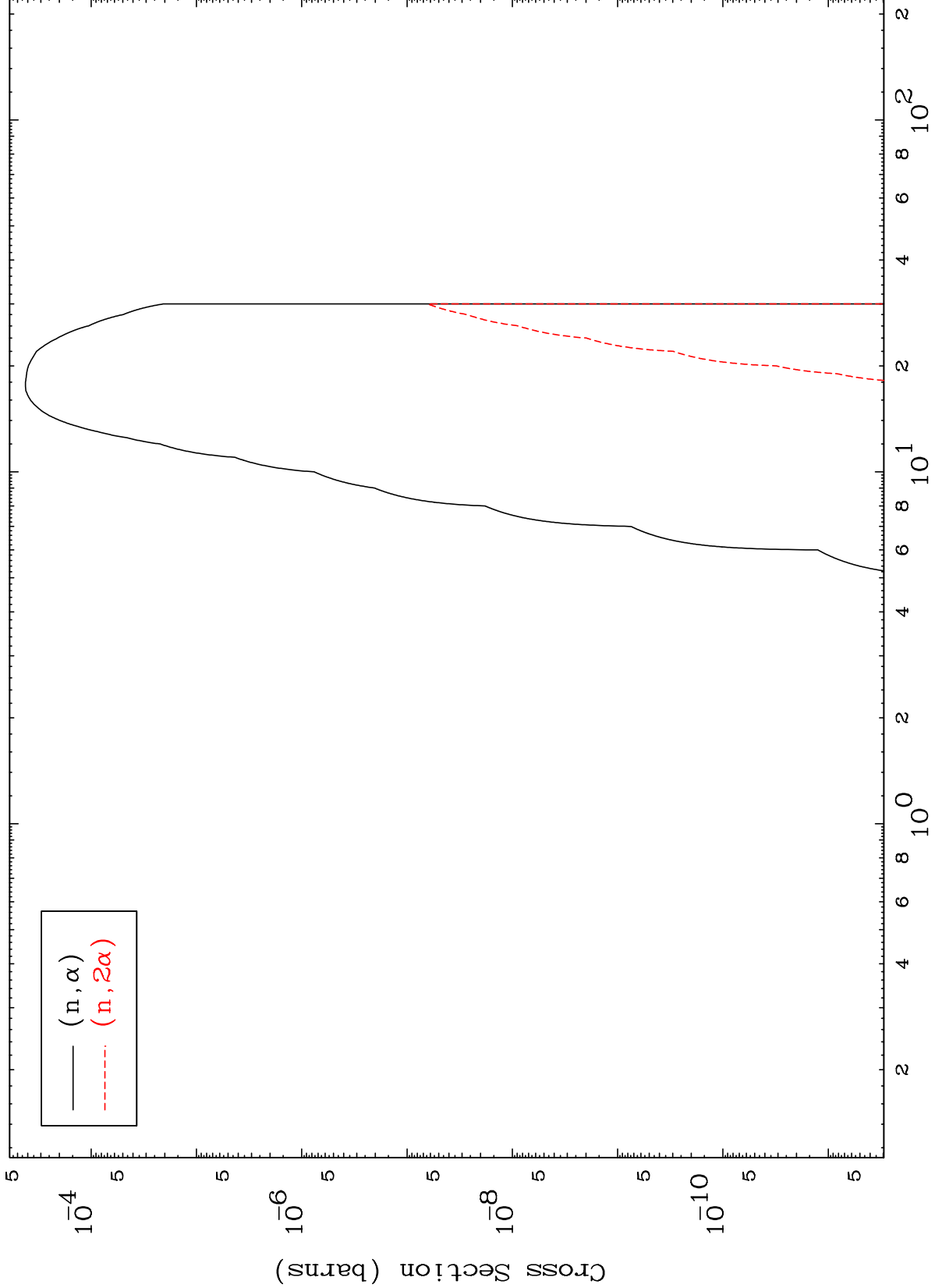


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(γ, α) Levels

61-Pm-140

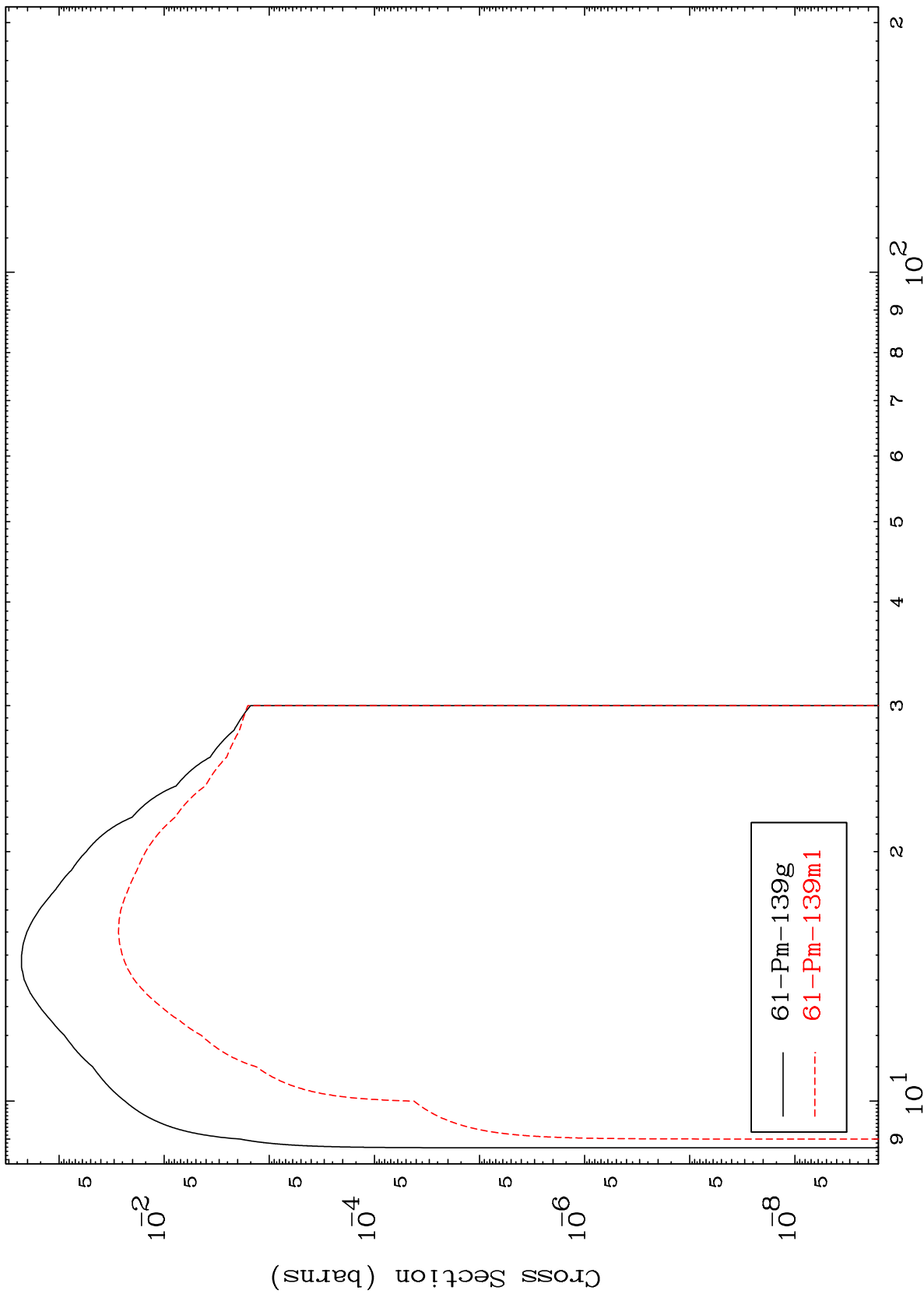
0 Kelvin Cross Sections



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61-Pm-140

Inelastic
Radionuclide Production Cross Section



61-Pm-140

Incident Energy (MeV)

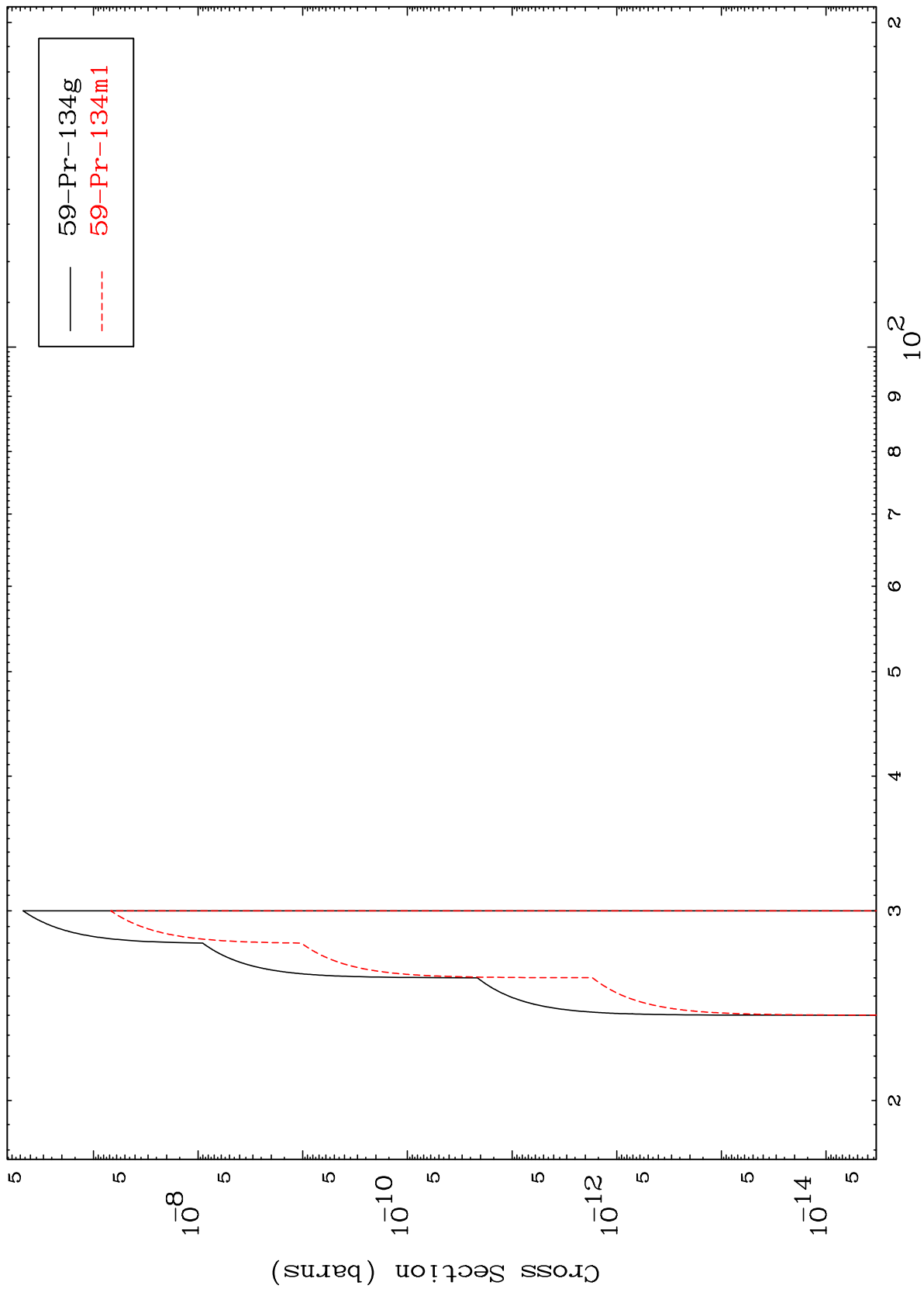
12

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$(n,2n) \alpha$

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

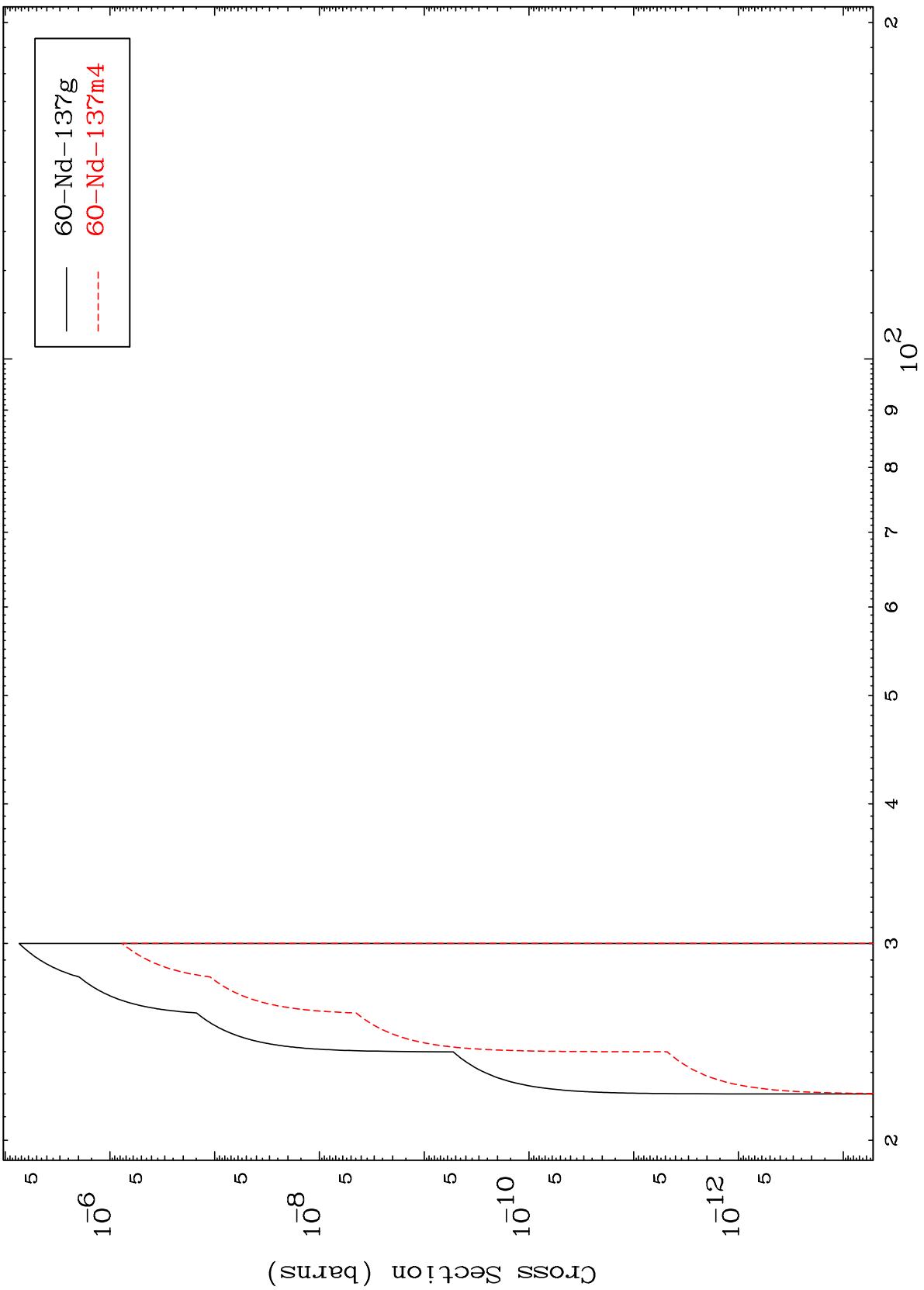
61-Pm-140

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(n,n') d

61-Pm-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

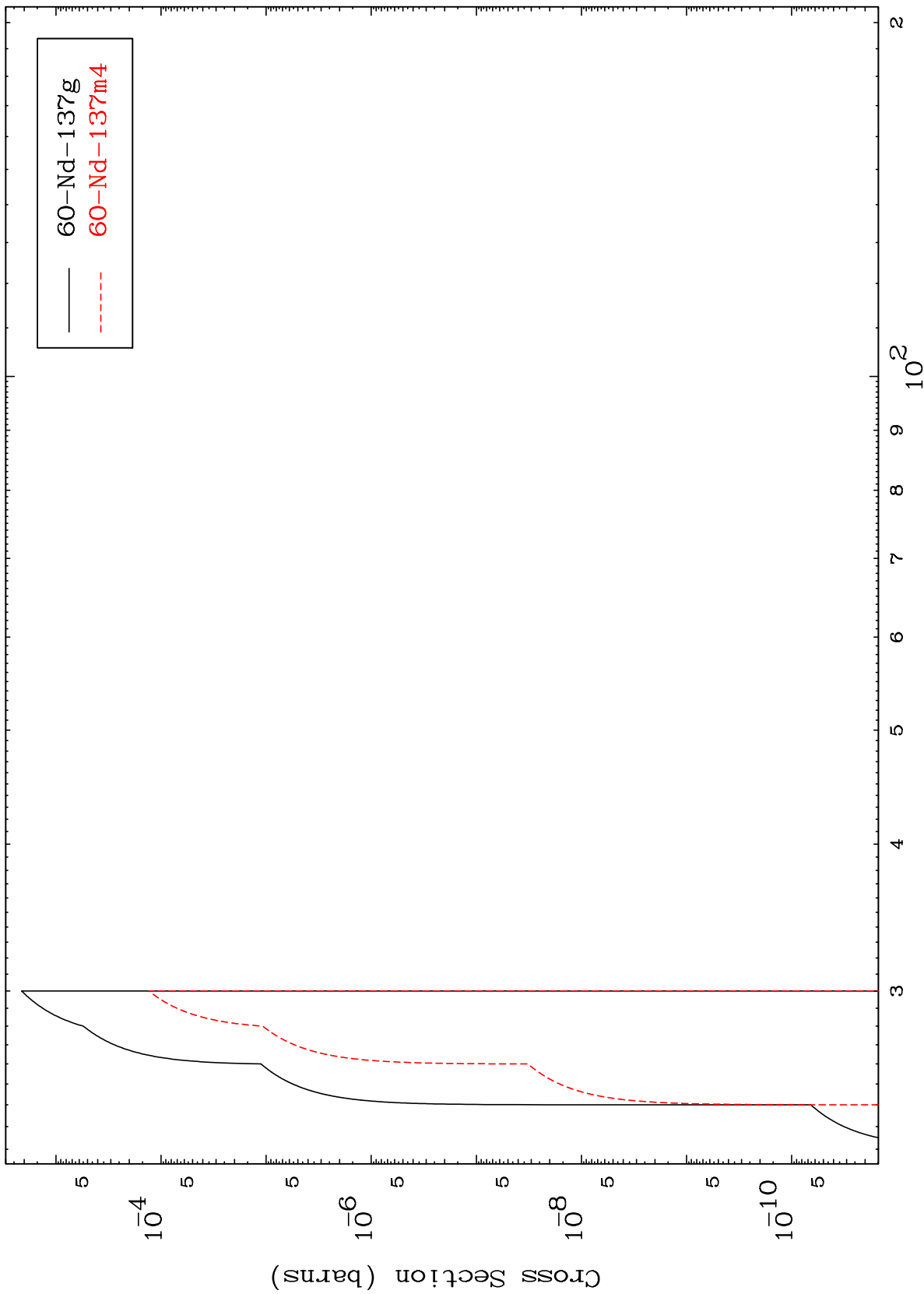
61-Pm-140

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(n,2n) p

61-Pm-140

Radionuclide Production Cross Section



15

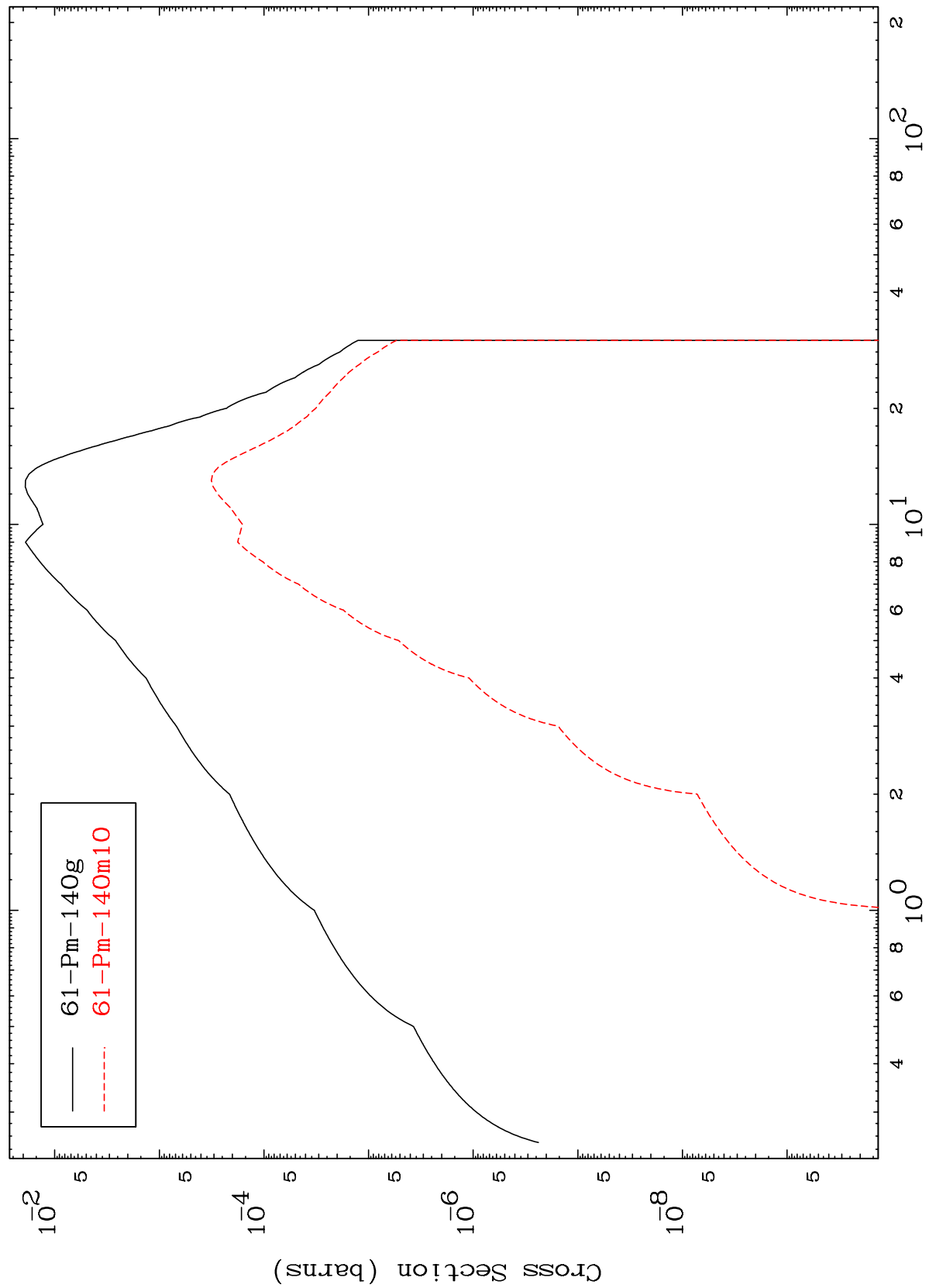
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

(n, γ)
Radionuclide Production Cross Section



Incident Energy (MeV)

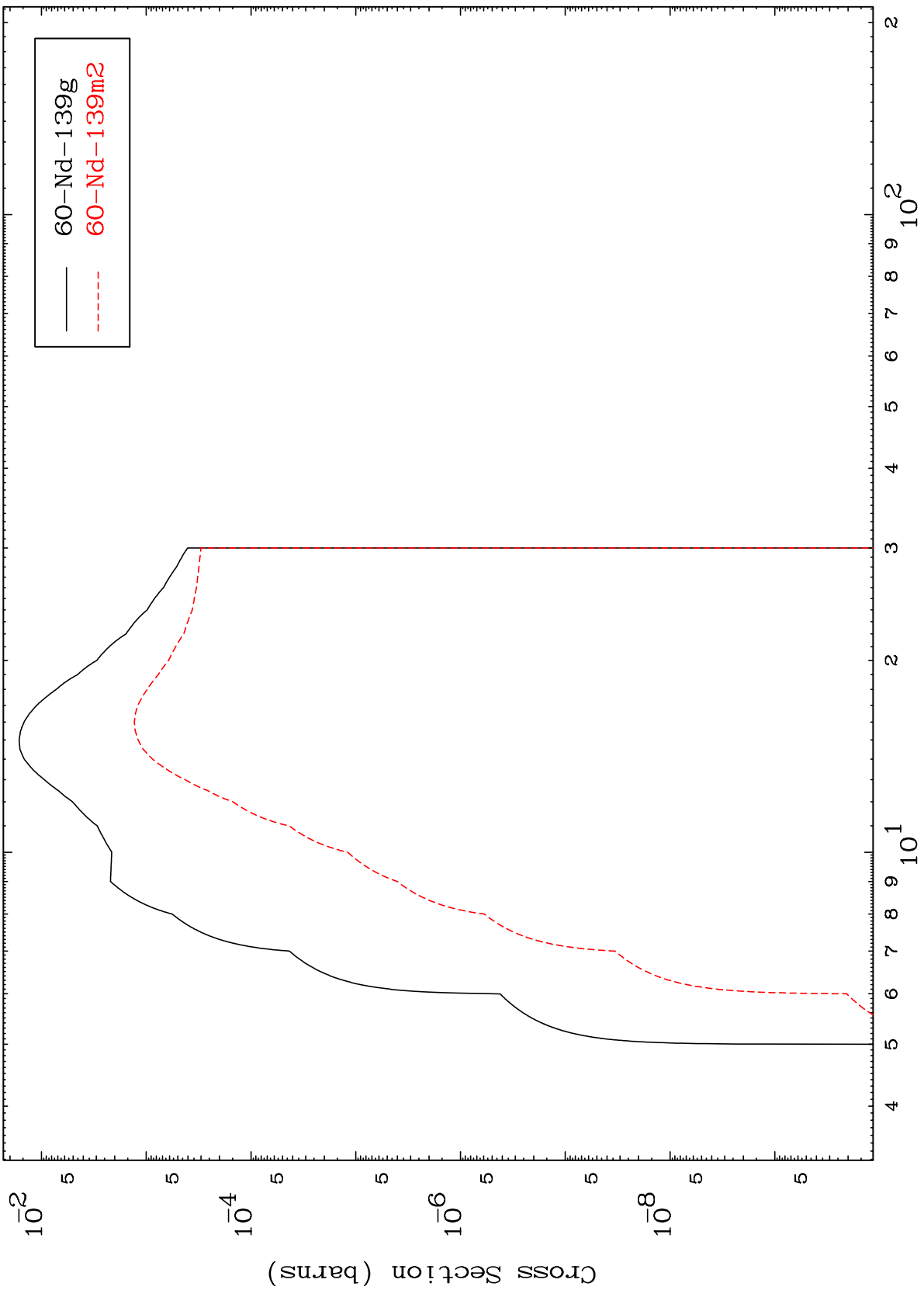
61-Pm-140

16

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61-Pm-140

(n,p)
Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

17

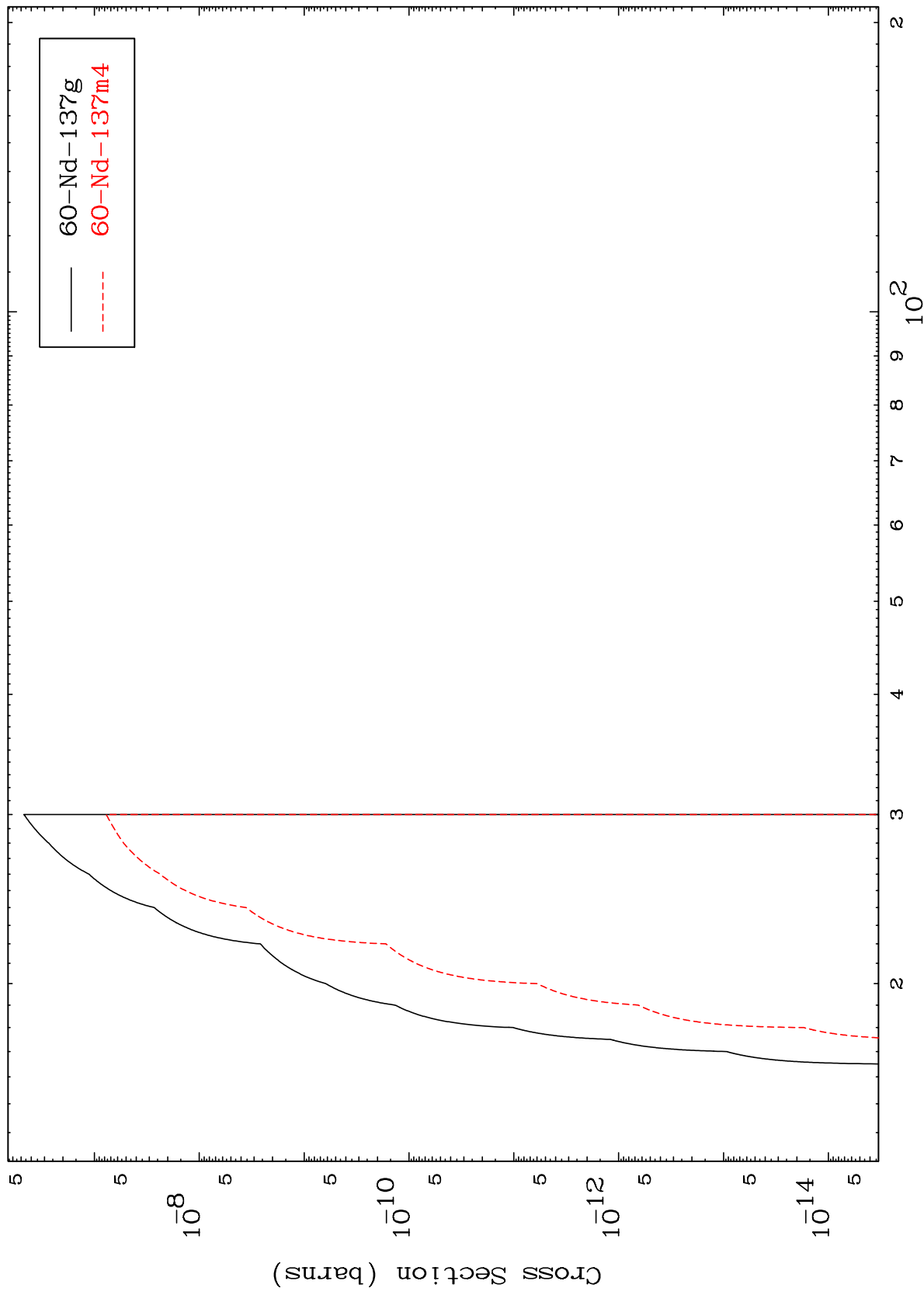
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

(n, t)
Radionuclide Production Cross Section



18

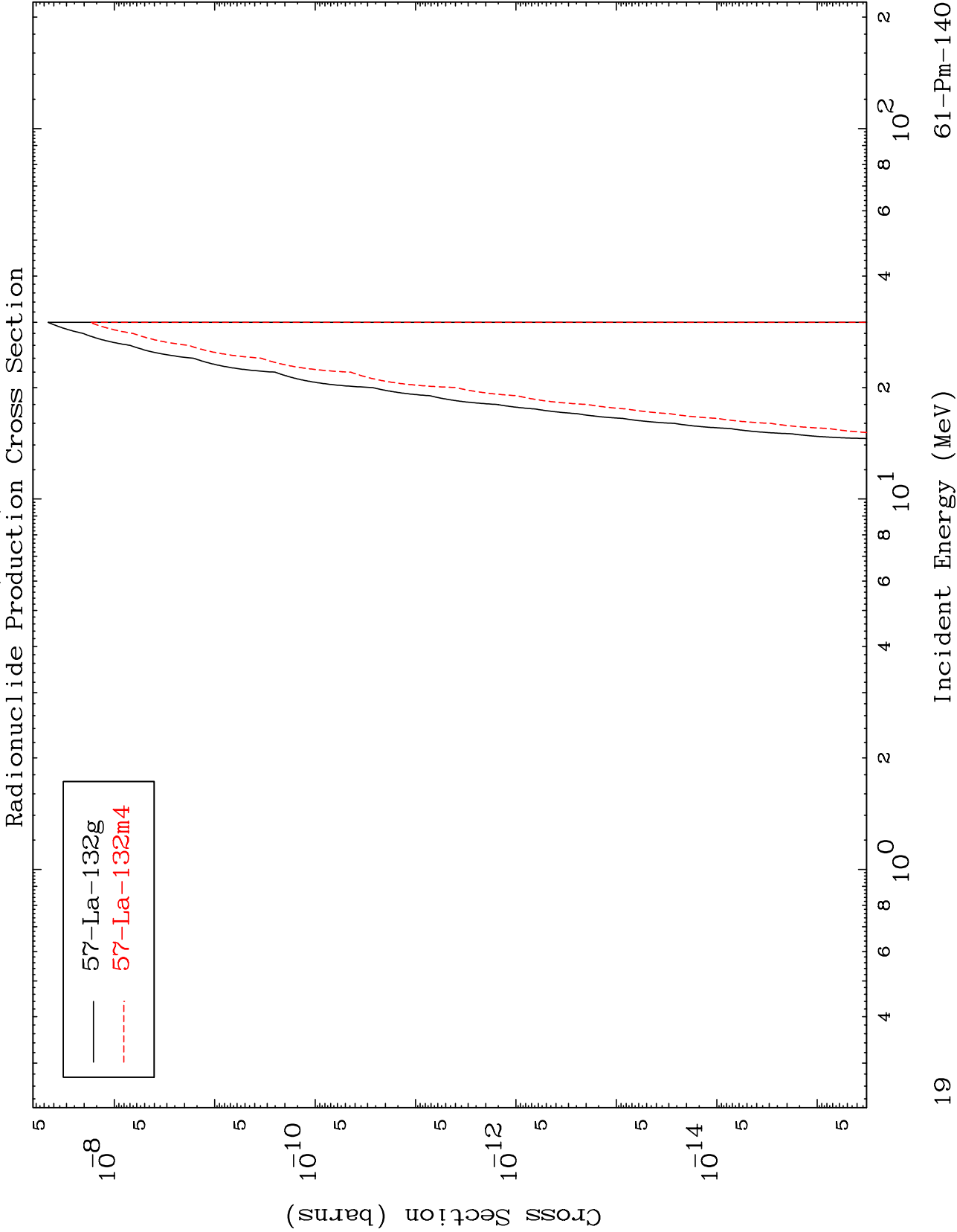
Incident Energy (MeV)

61-Pm-140

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(n,2α)

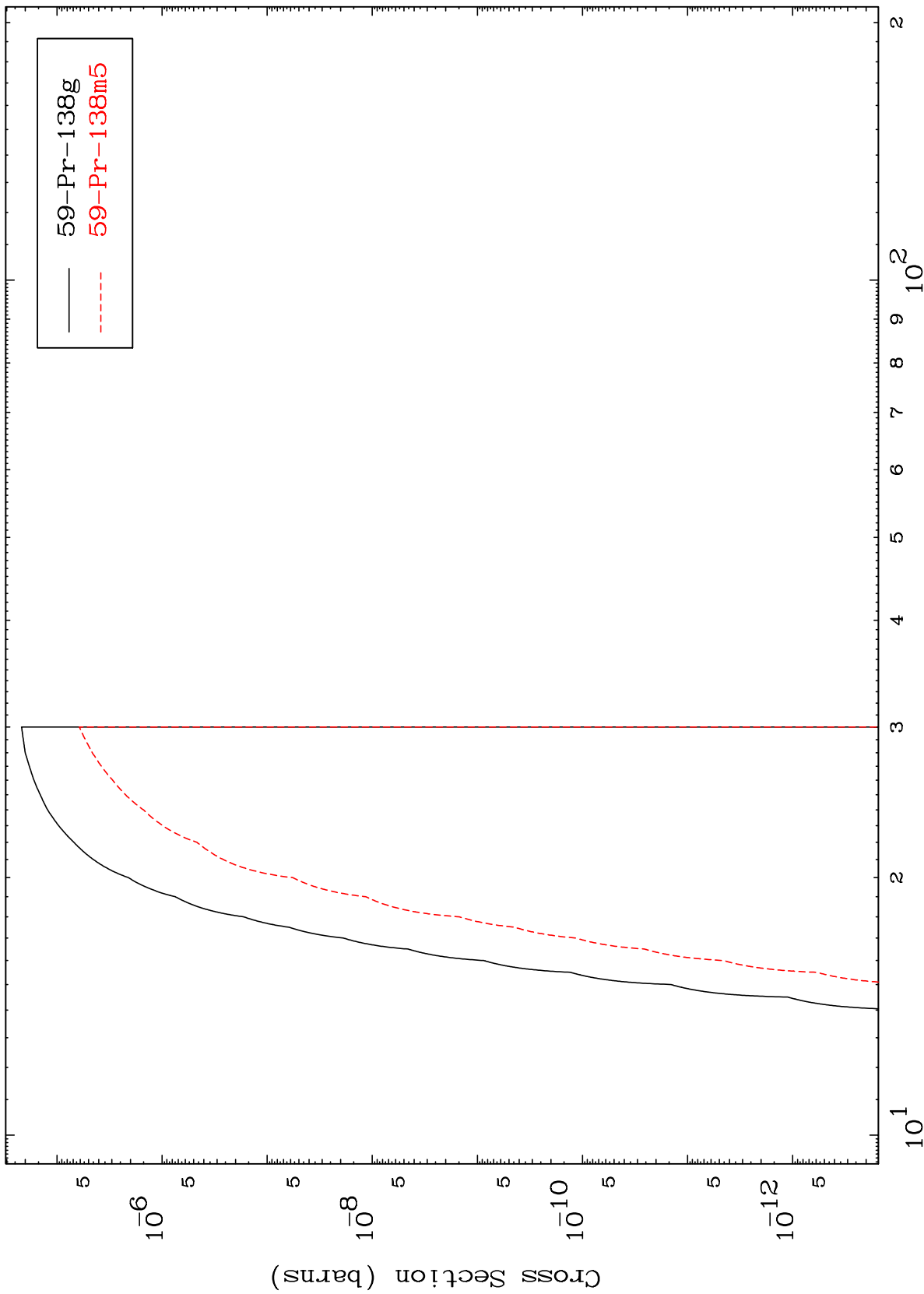
61-Pm-140



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61-Pm-140

(n,2p)
Radionuclide Production Cross Section



61-Pm-140

Incident Energy (MeV)

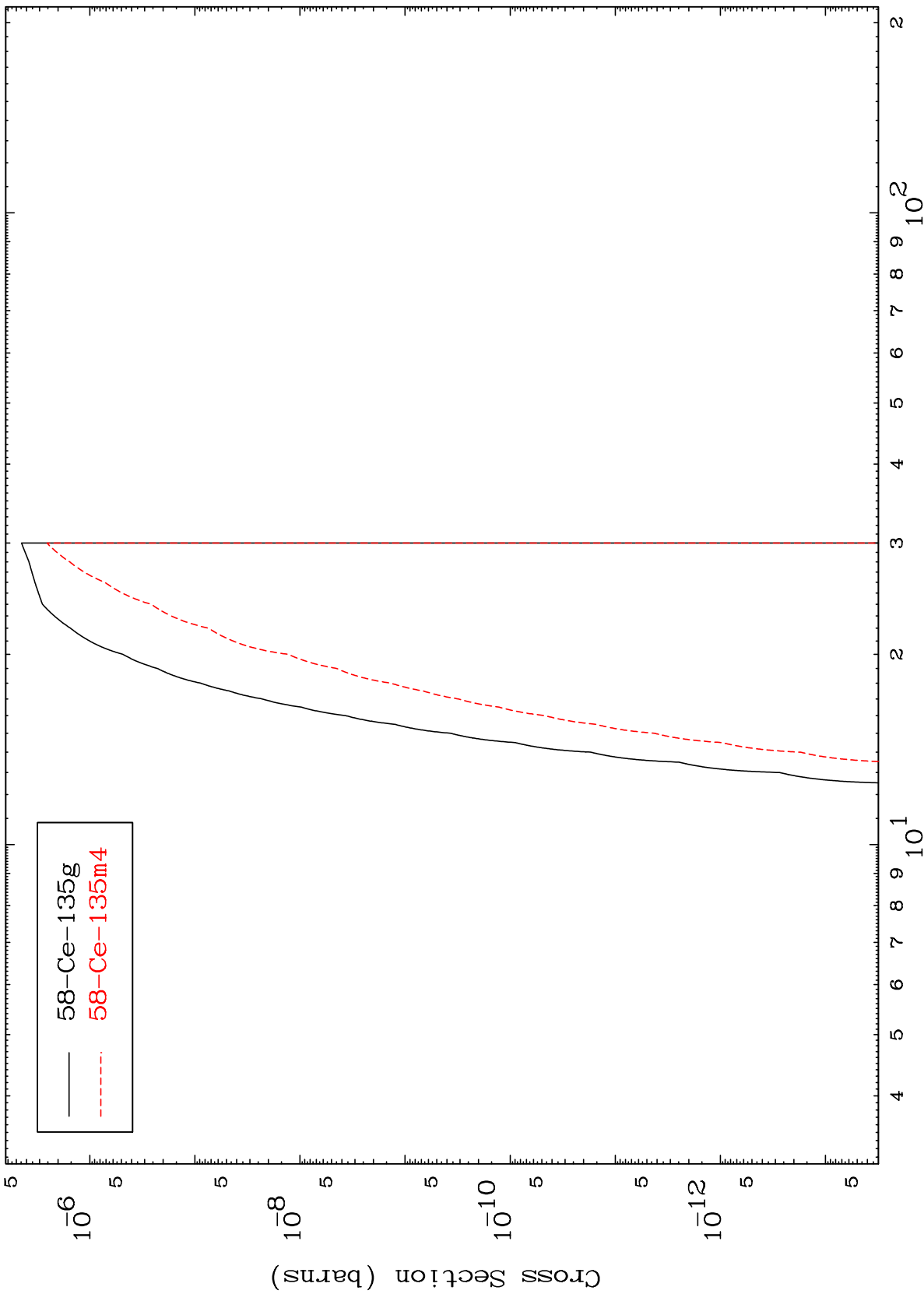
20

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(n,p) α

61-Pm-140

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-140

21