

Program EVALPLOT
(Version 2021-1)

by

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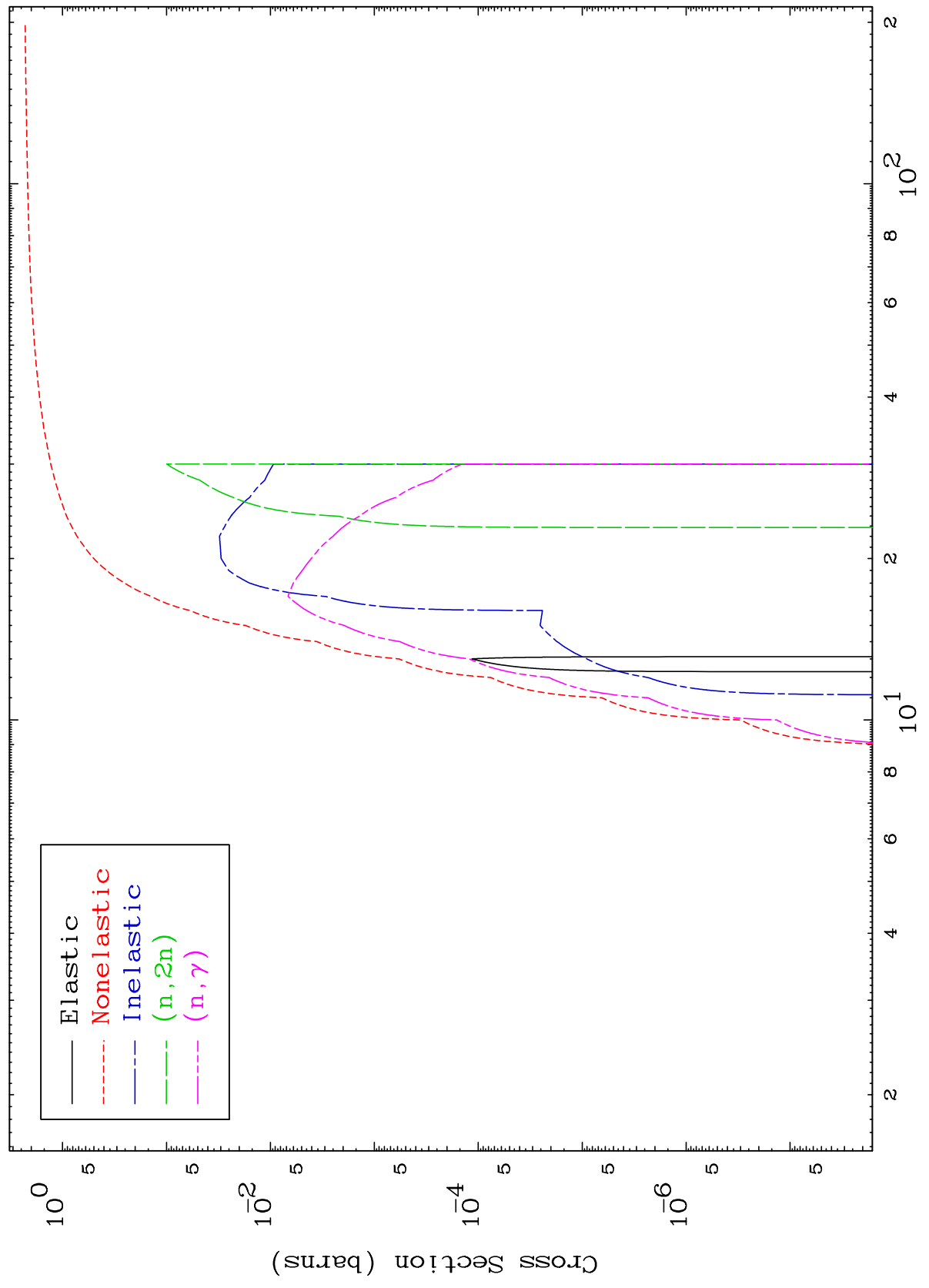
Press Mouse Button to Start

MAT 5898

0 Kelvin

Major Cross Sections

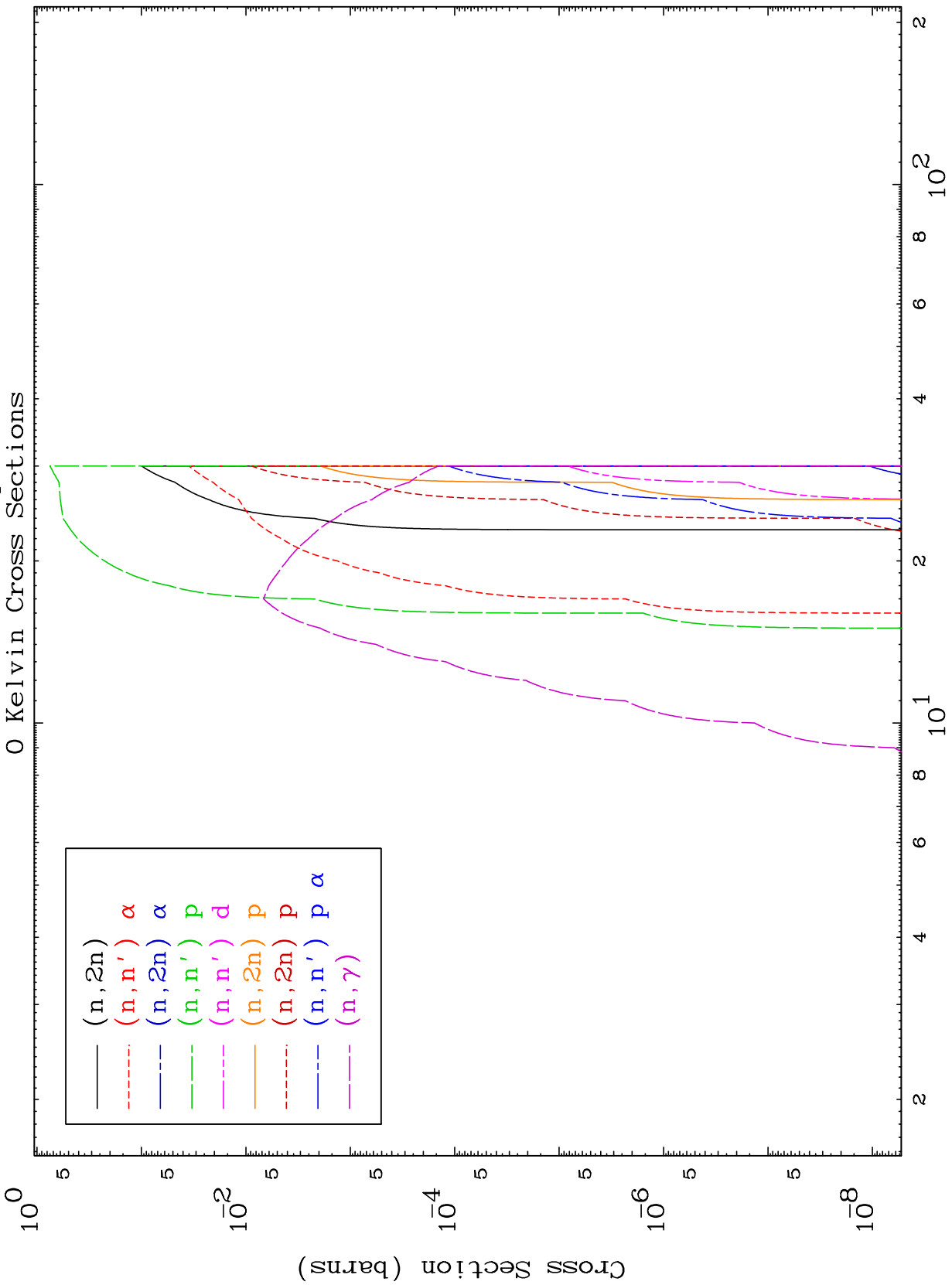
59-Pr-132

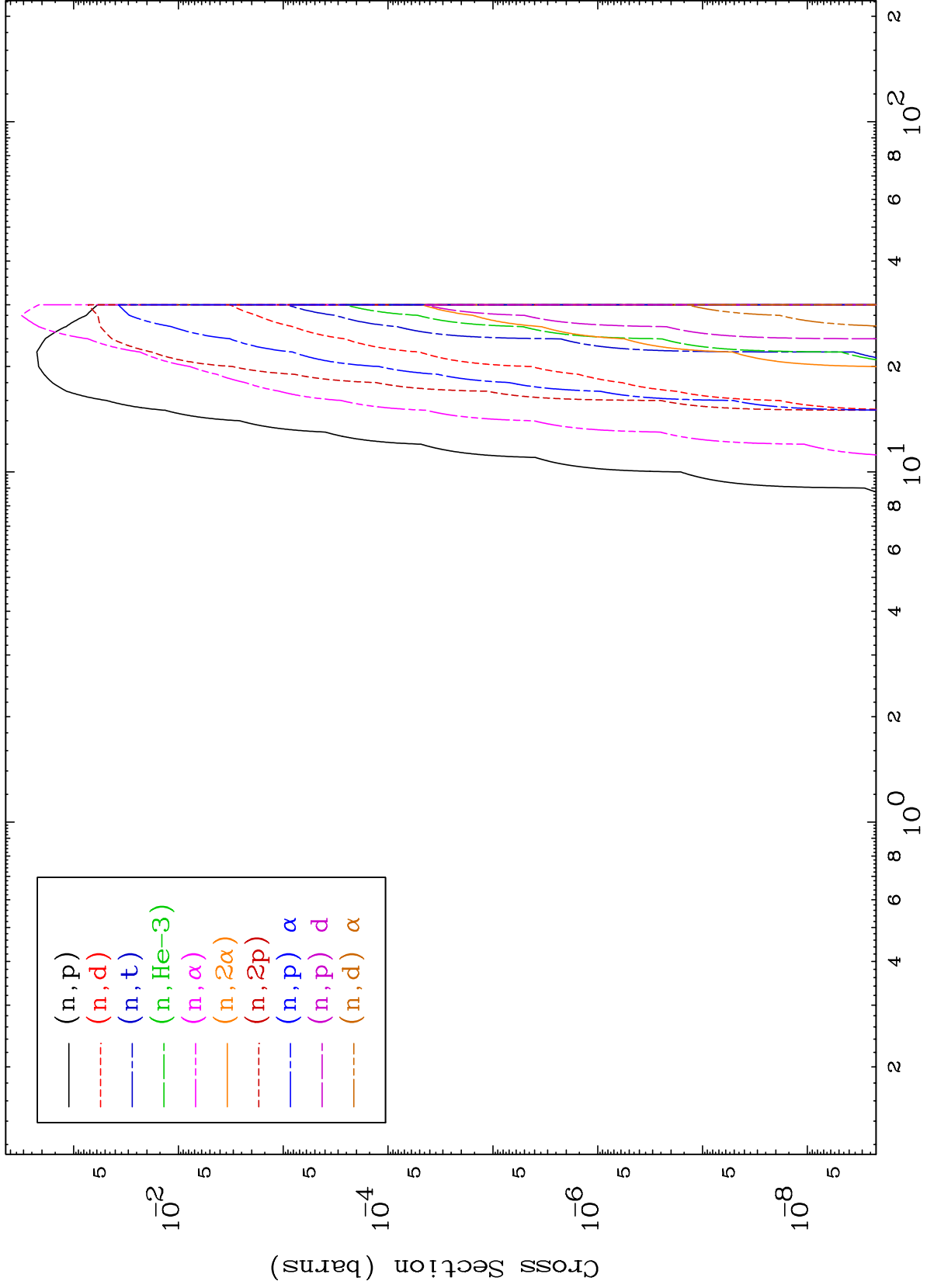


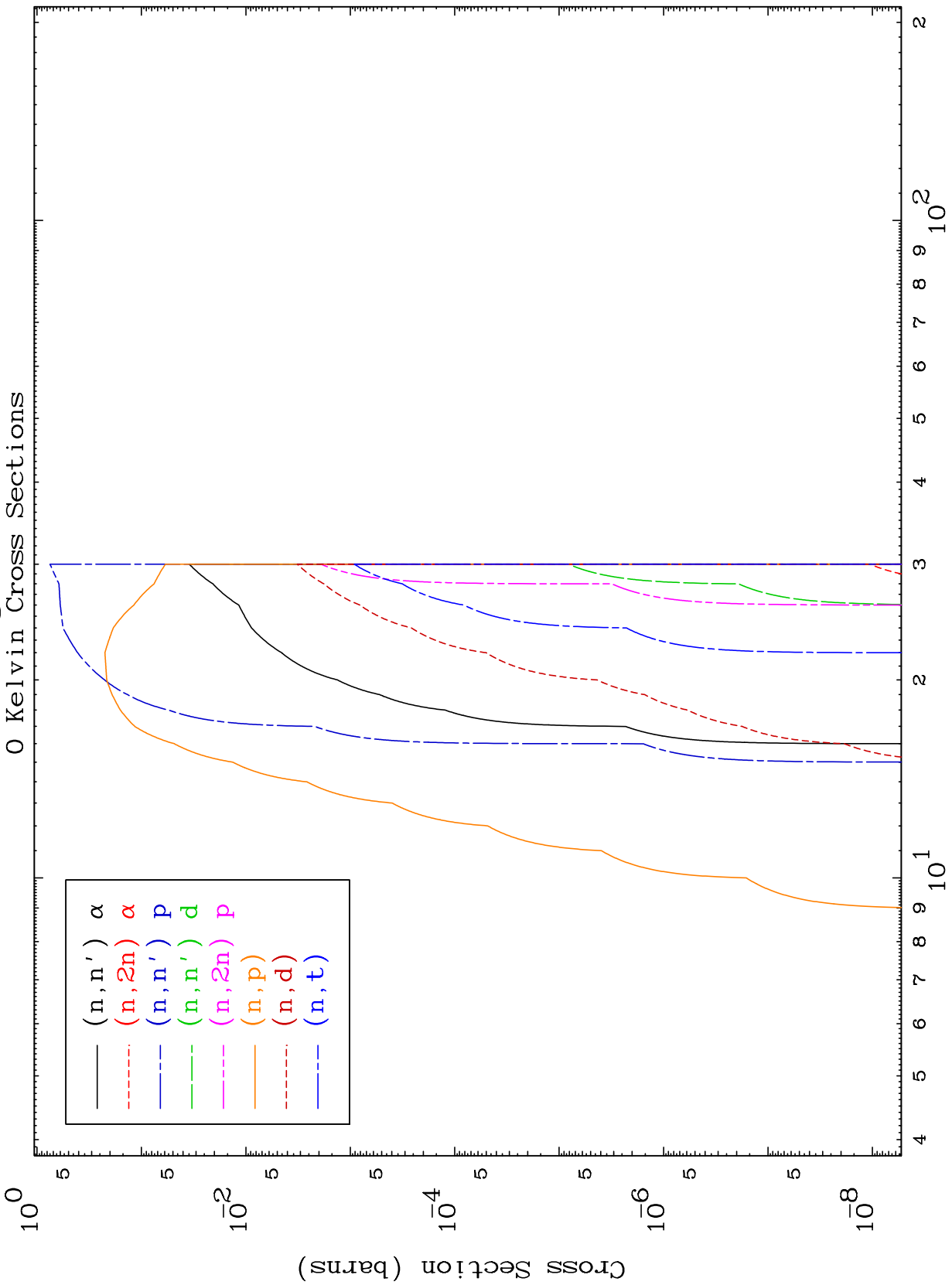
1

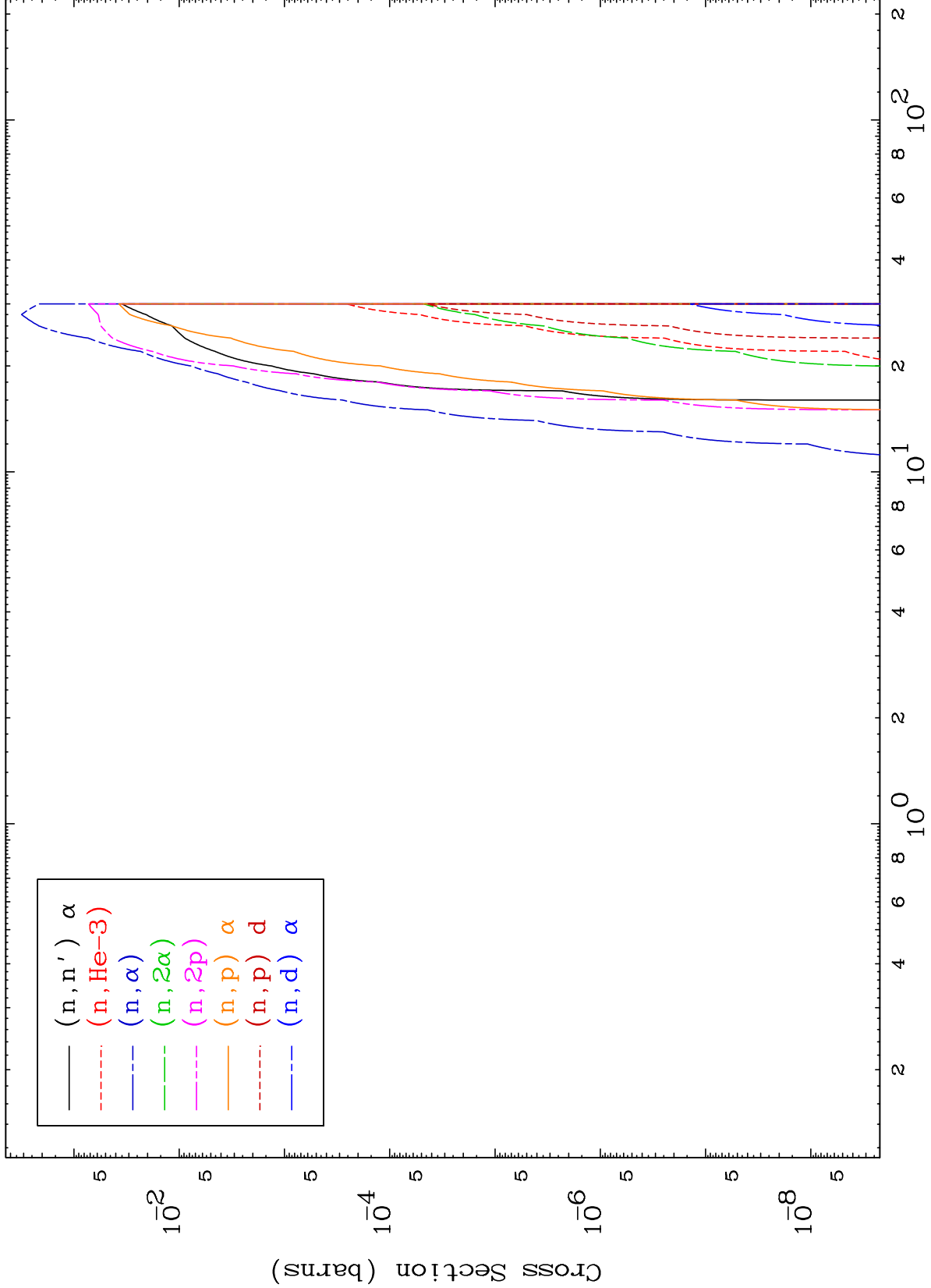
Incident Energy (MeV)

59-Pr-132





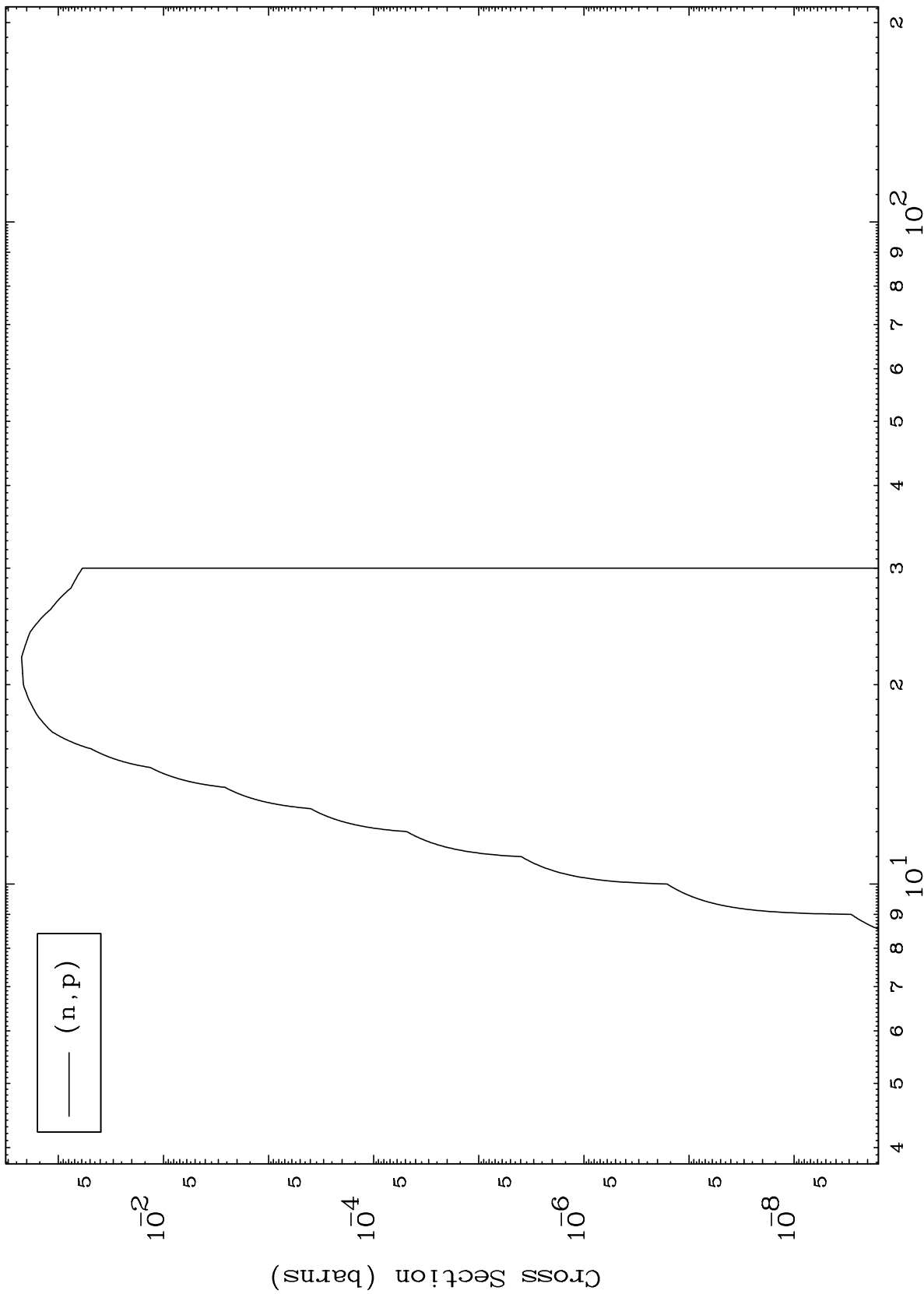




MAT 5898

59-Pr-132

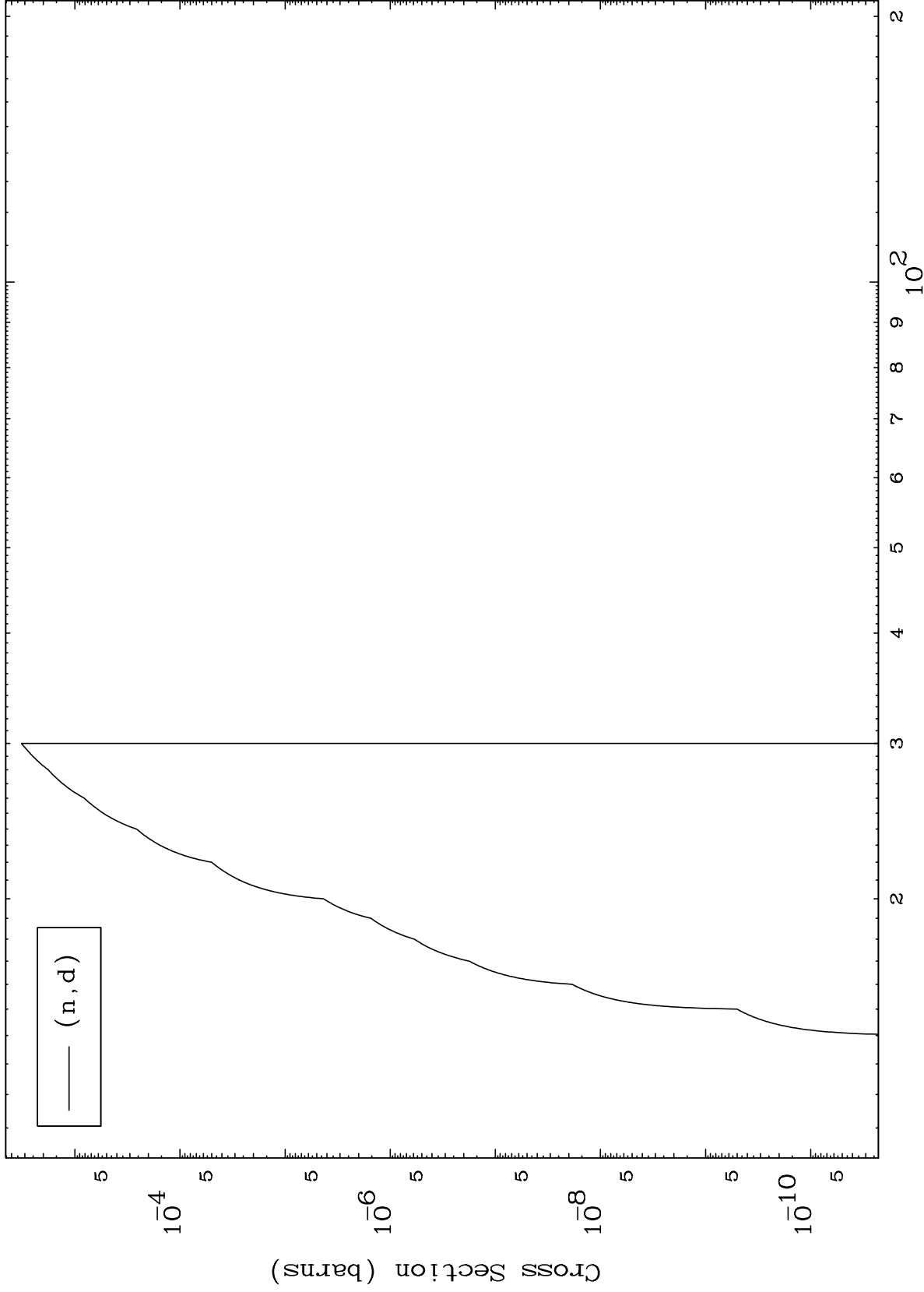
(α, p) Levels
0 Kelvin Cross Sections

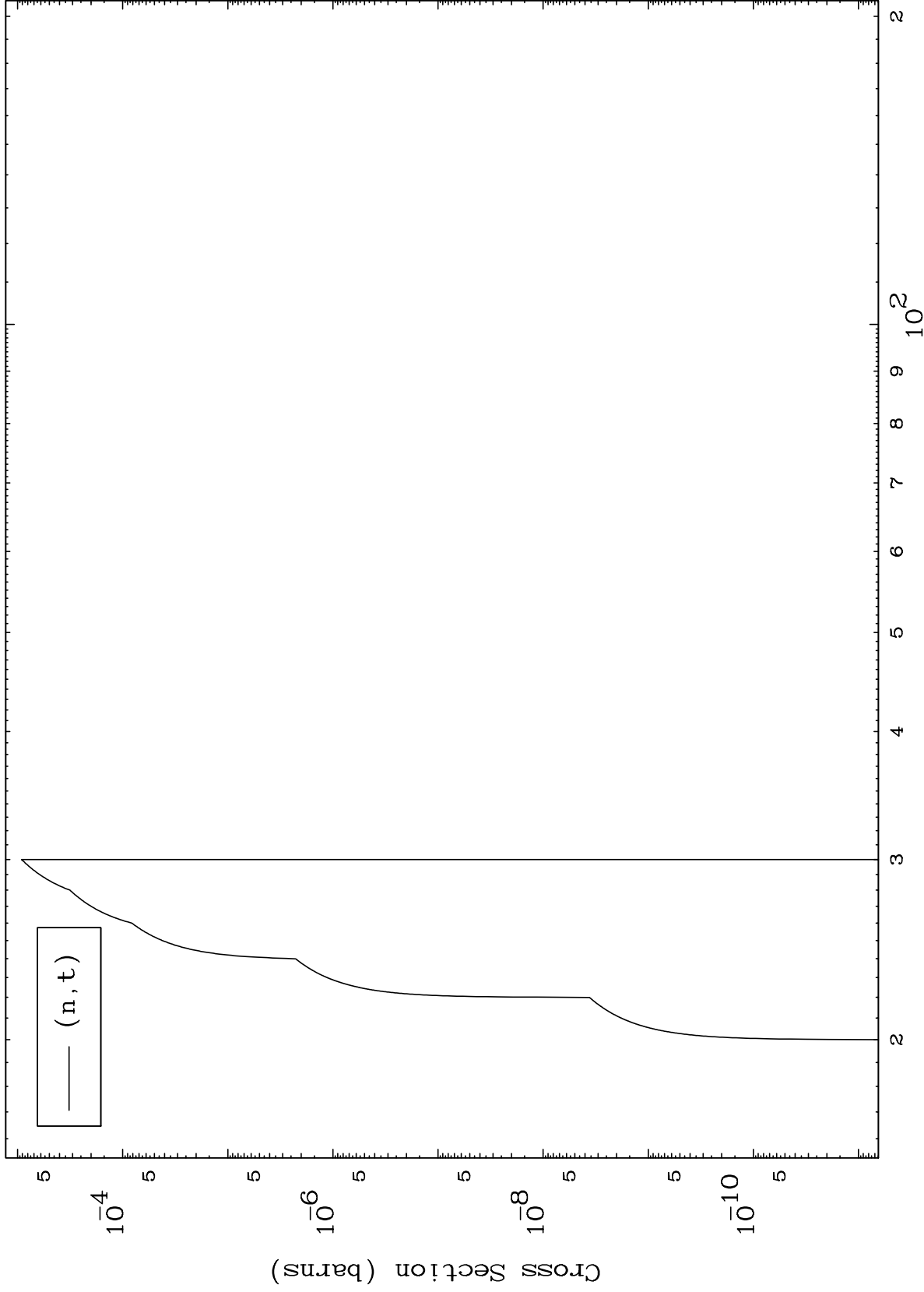


59-Pr-132

Incident Energy (MeV)

6

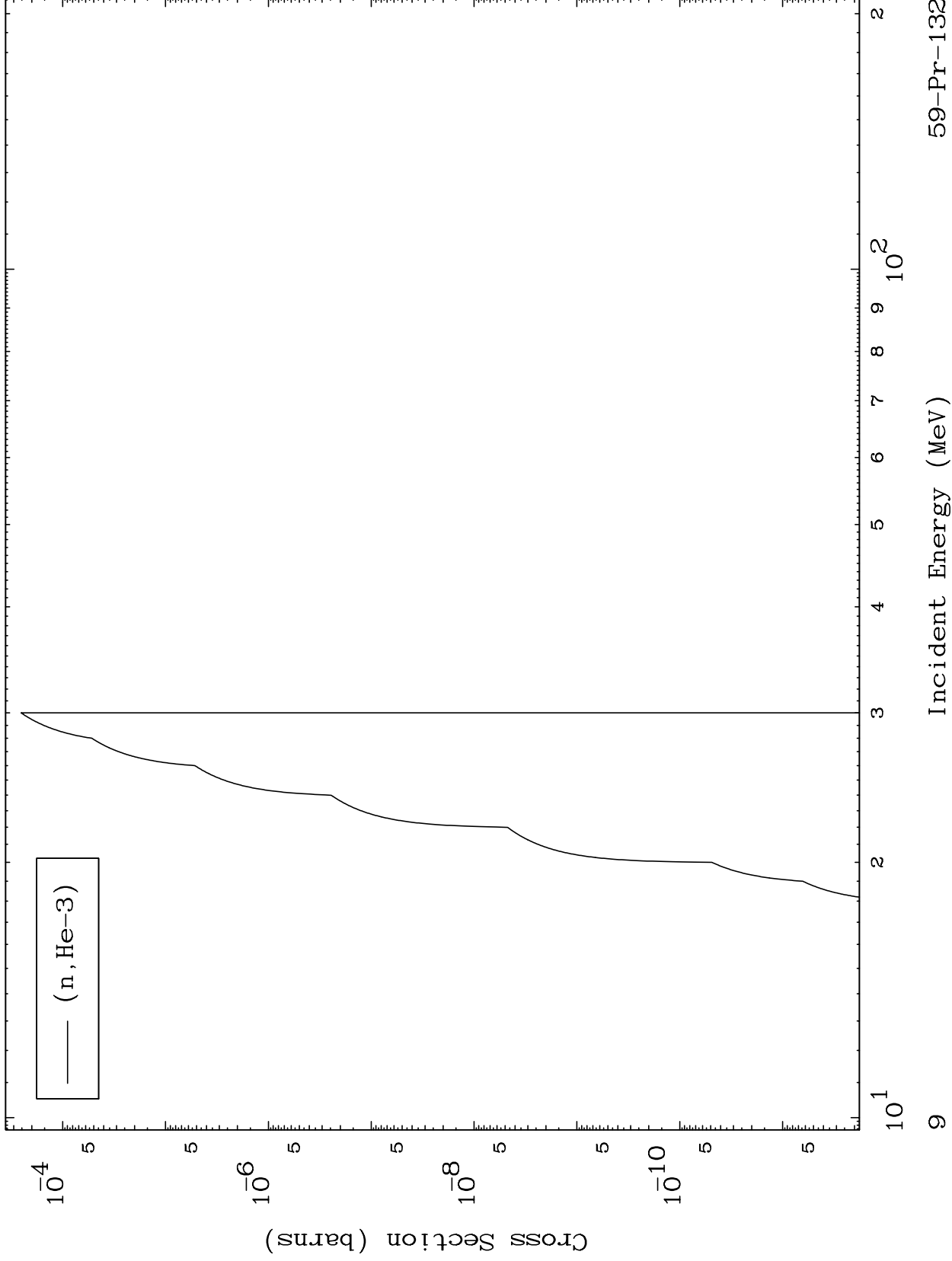




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($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

59-Pr-132

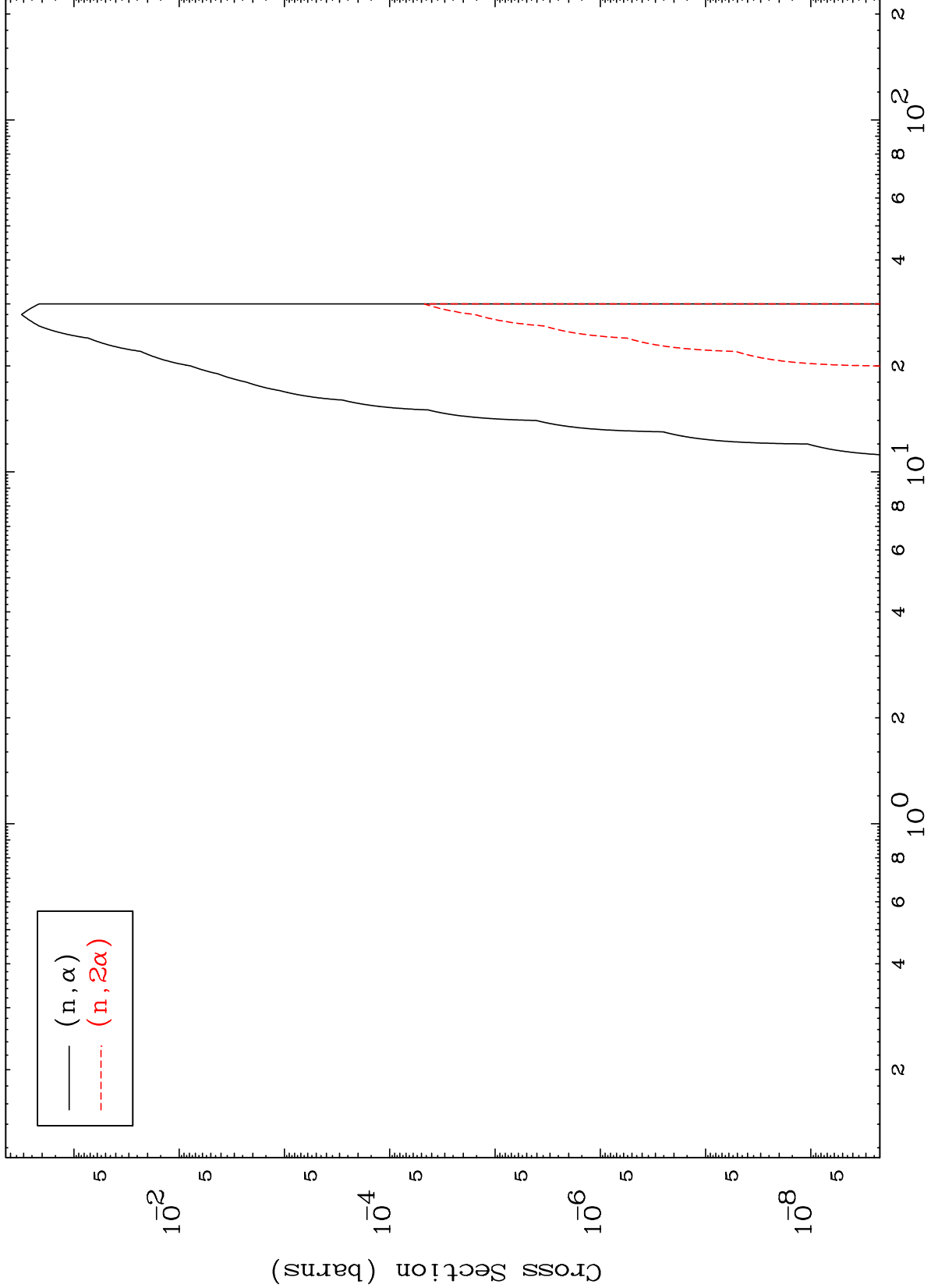


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(α, α) Levels

59-Pr-132

0 Kelvin Cross Sections



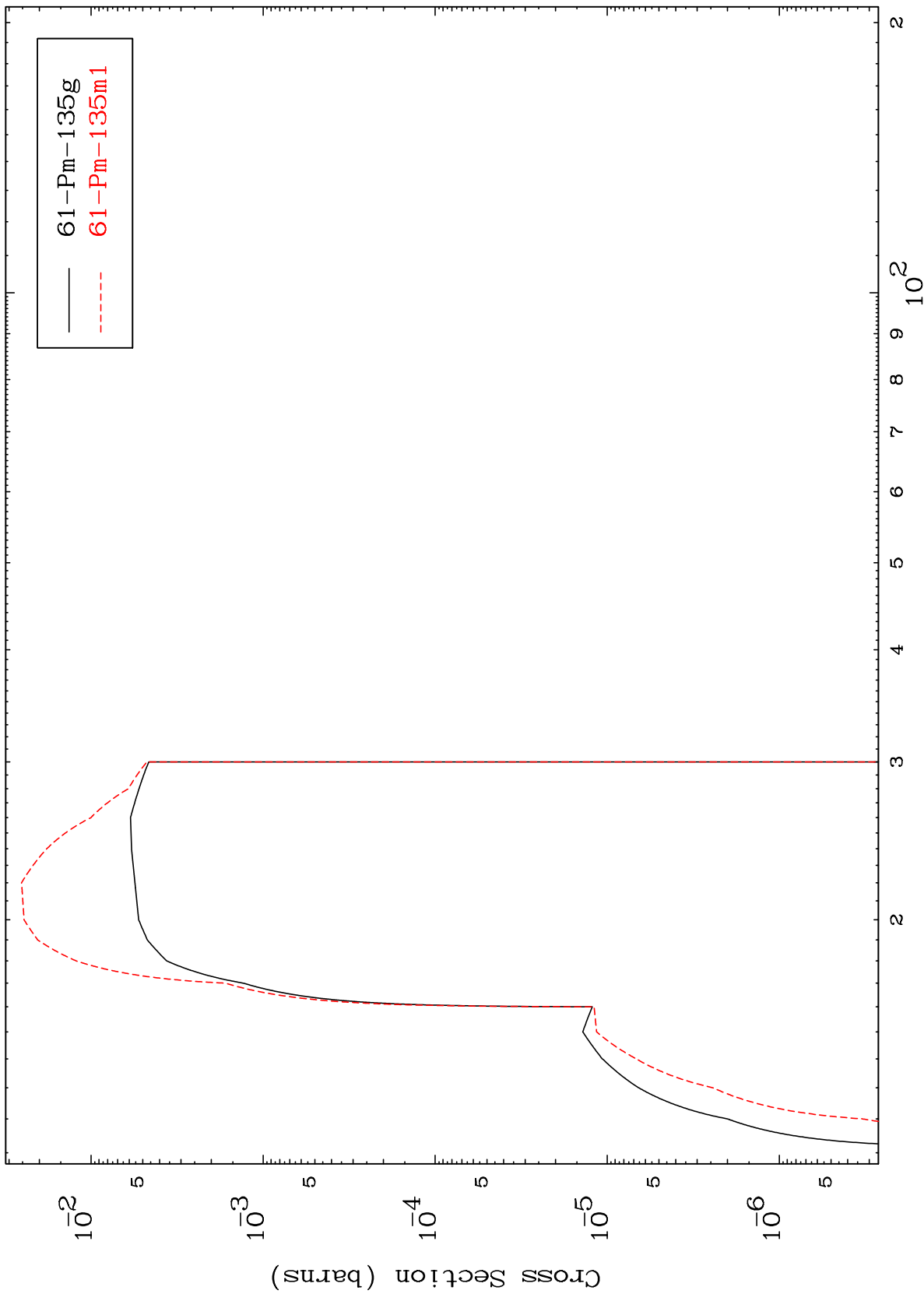
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

59-Pr-132

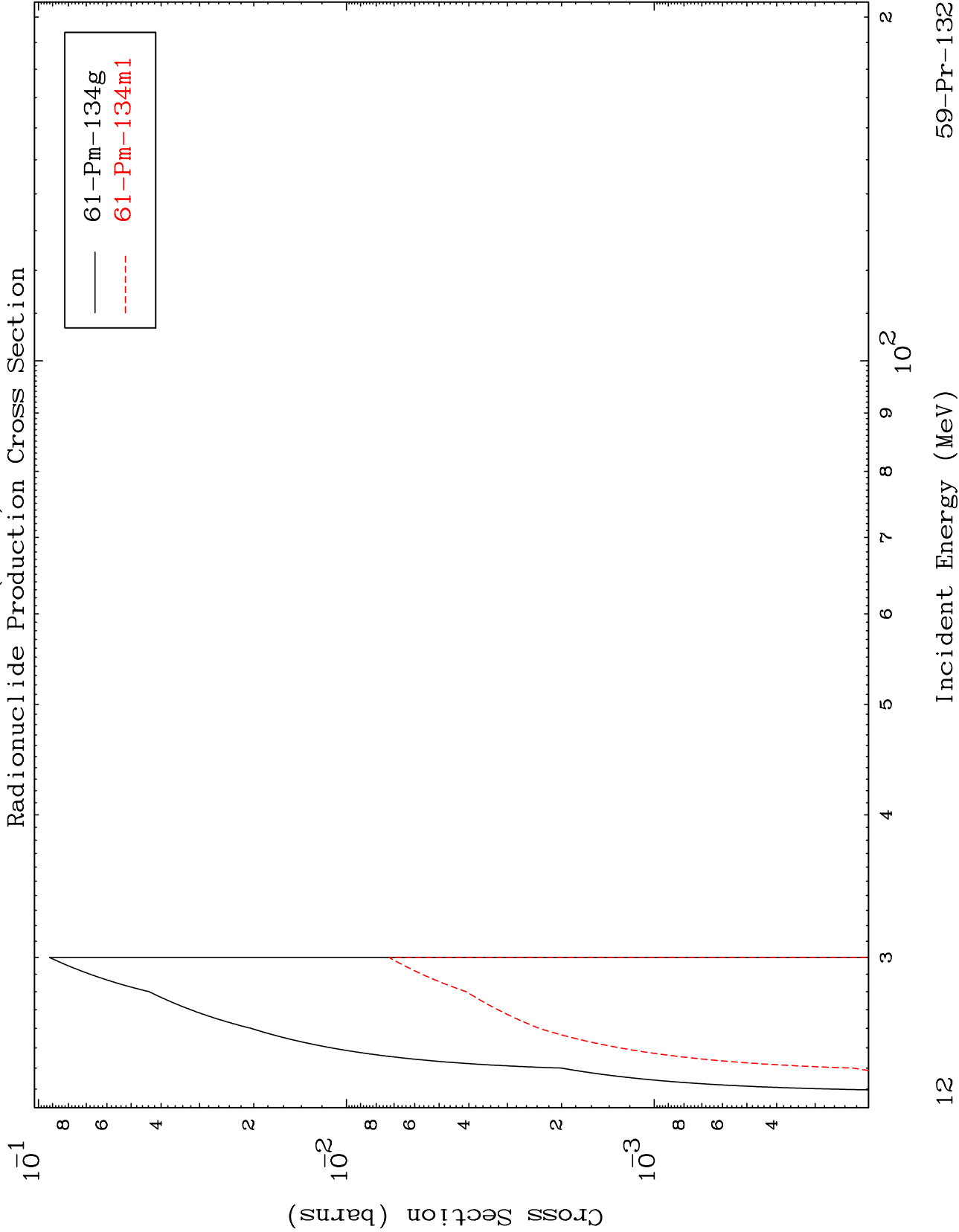
Inelastic
Radionuclide Production Cross Section



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(n,2n)

59-Pr-132



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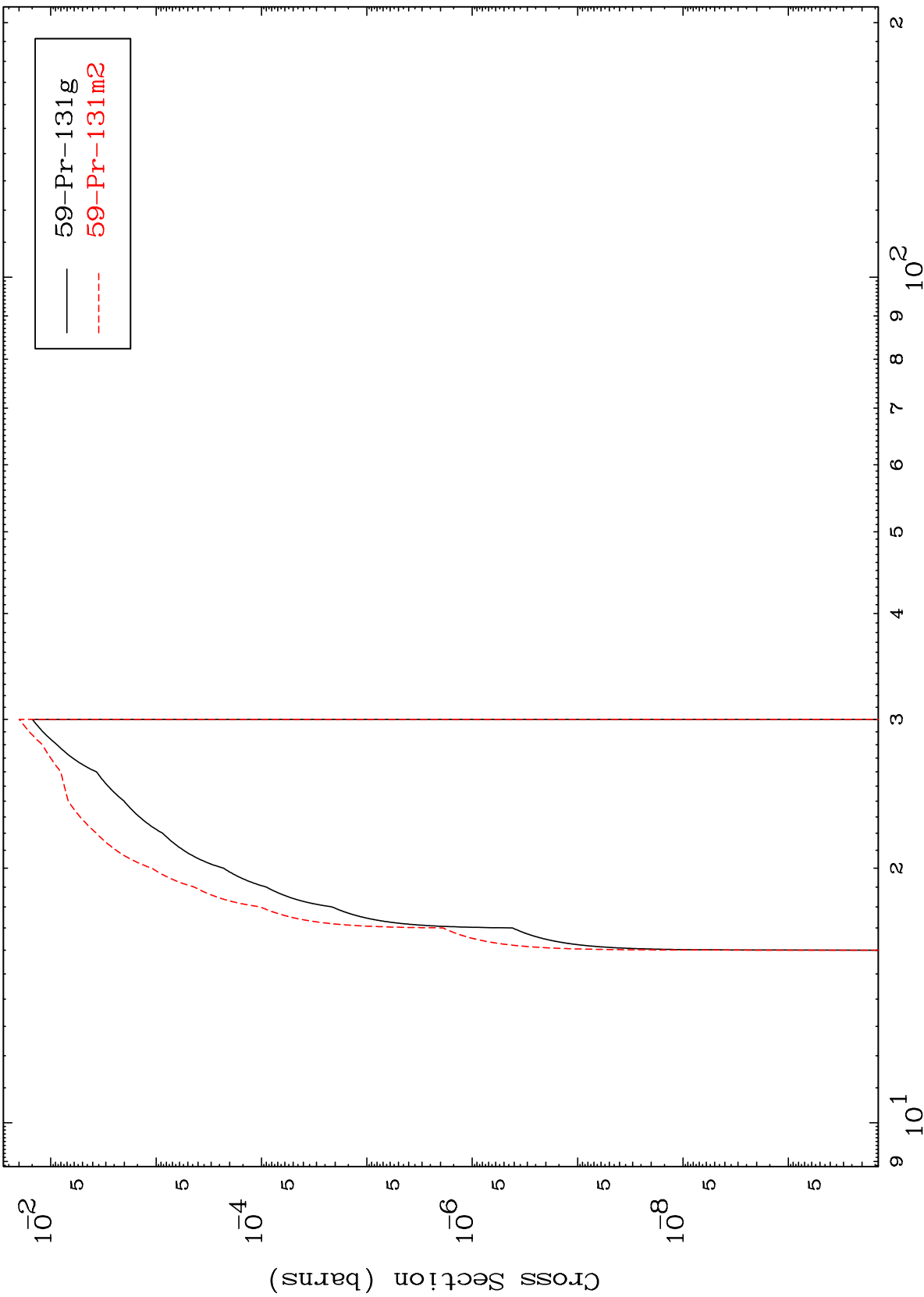
59-Pr-132

MAT 5898

59-Pr-132

(n,n') α

Radionuclide Production Cross Section



59-Pr-132

Incident Energy (MeV)

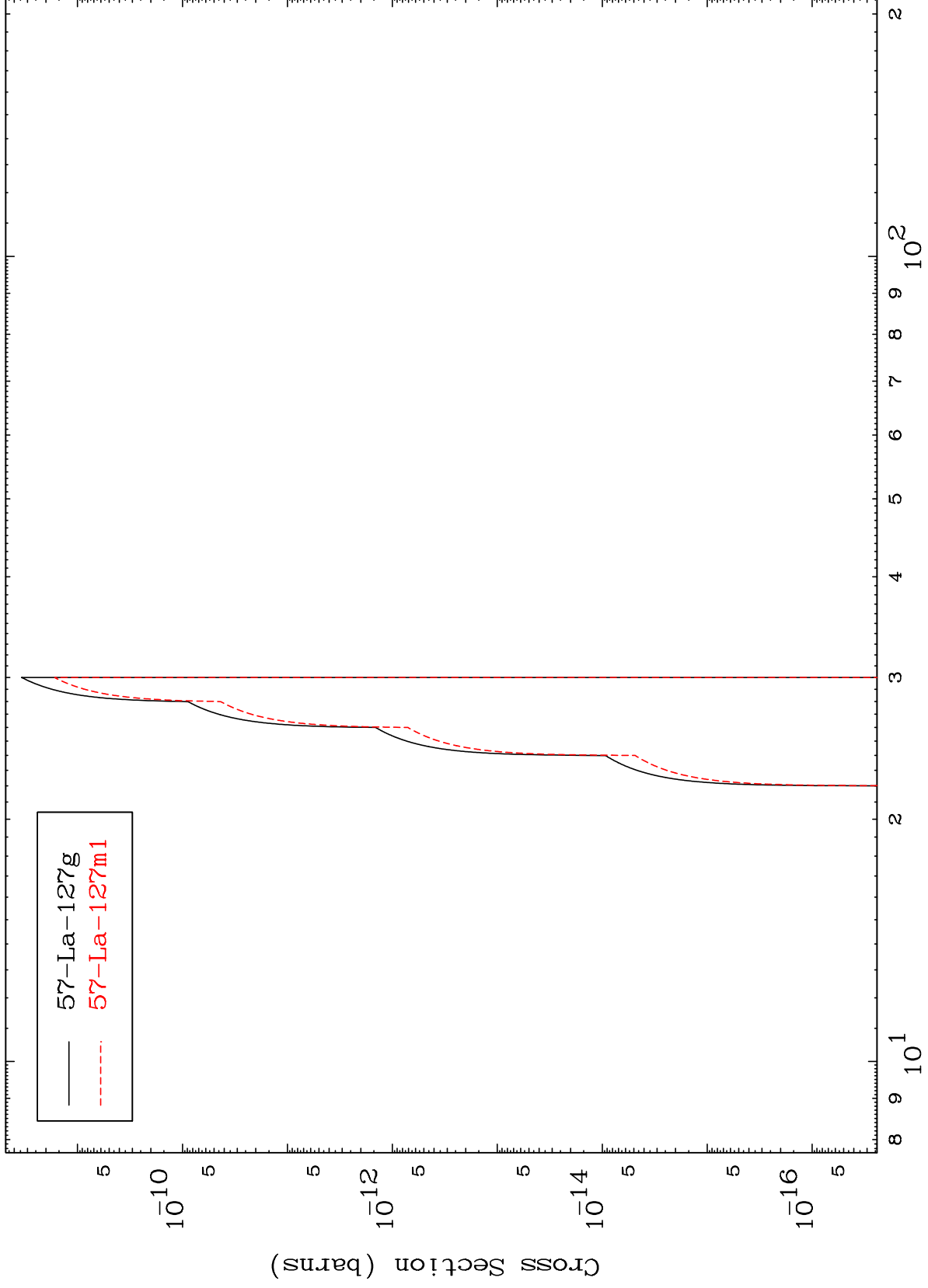
13

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(n,n') 2α

59-Pr-132

Radionuclide Production Cross Section

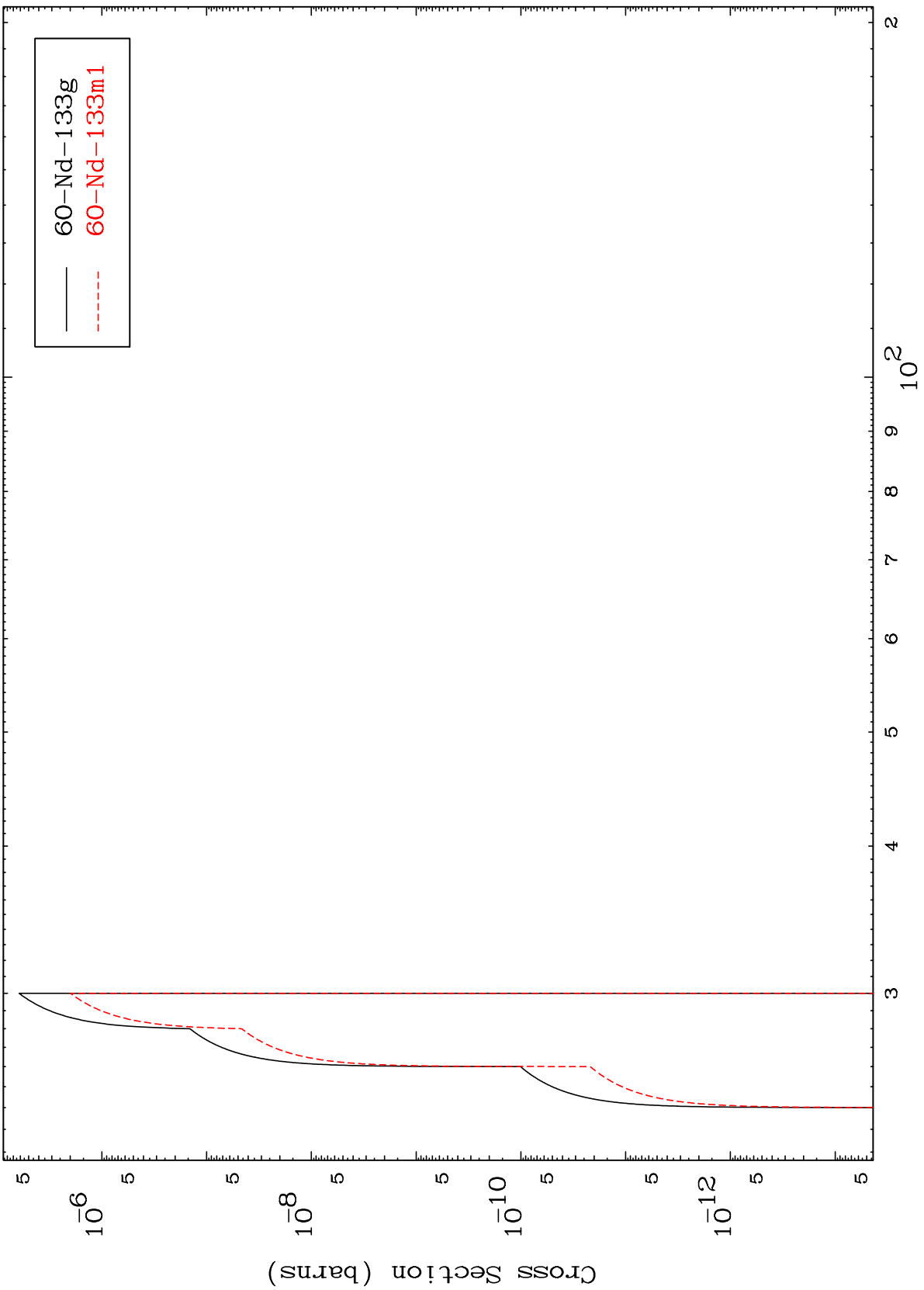


14

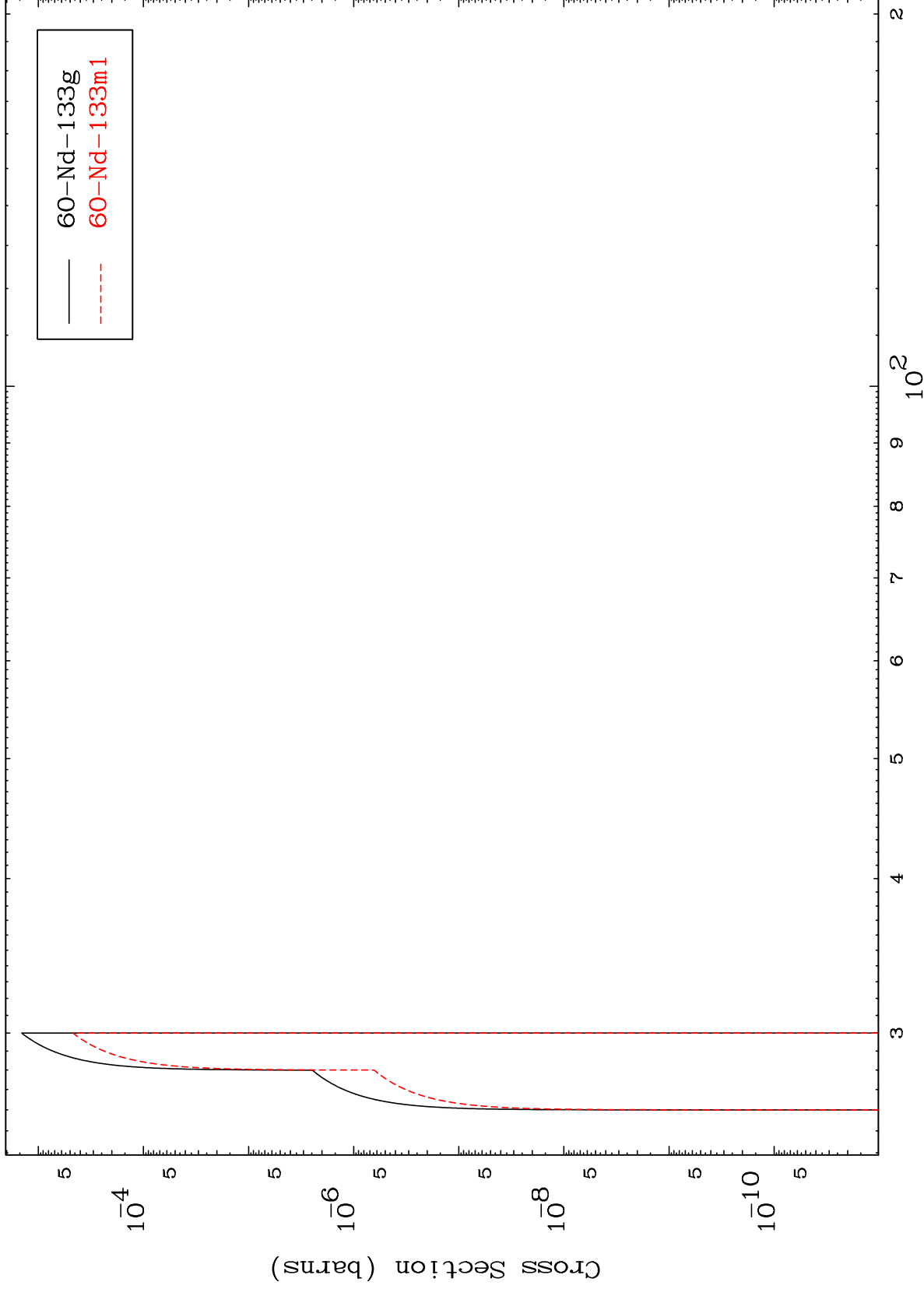
Incident Energy (MeV)

59-Pr-132

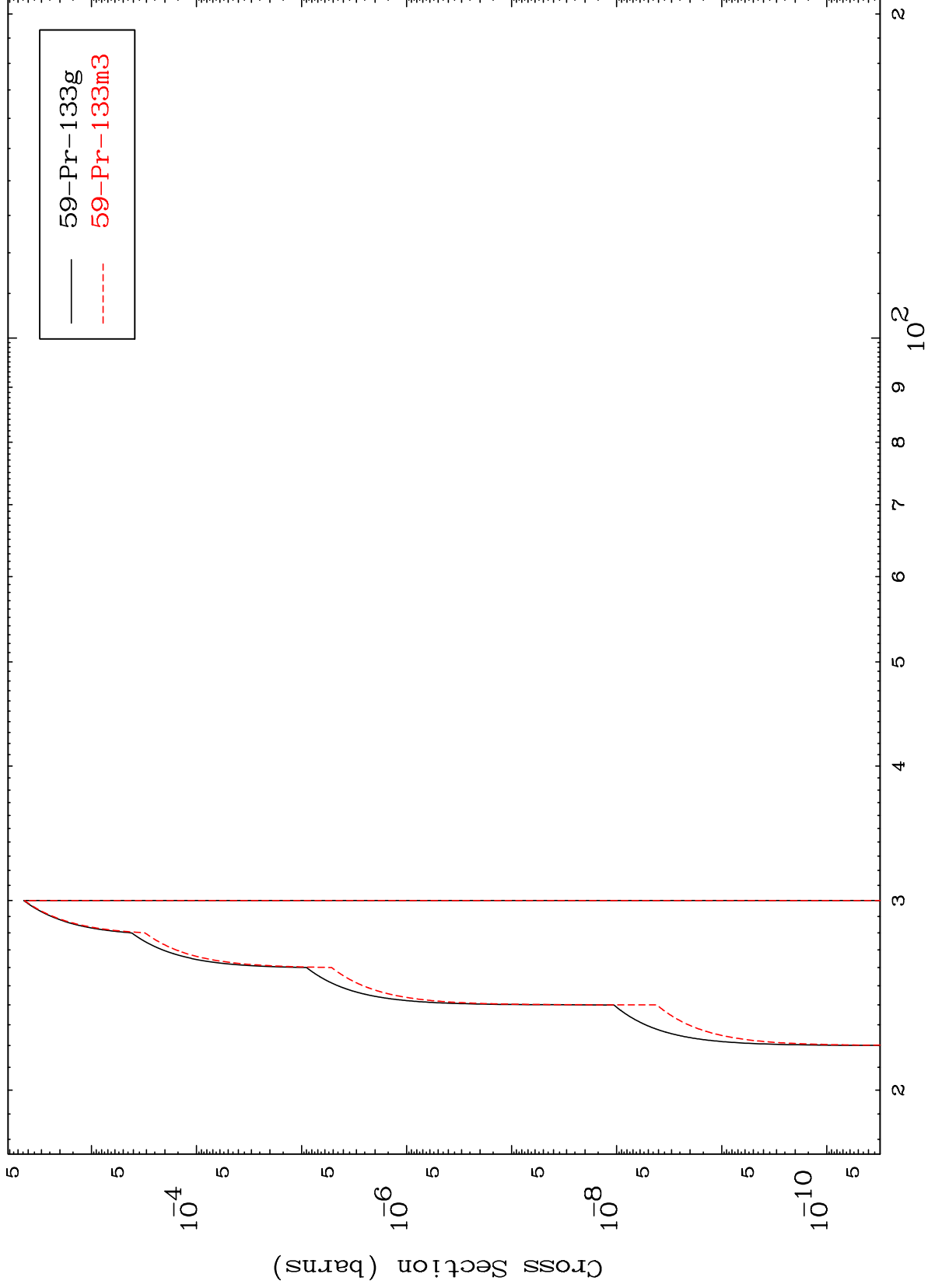
Radionuclide Production Cross Section



Radionuclide Production Cross Section



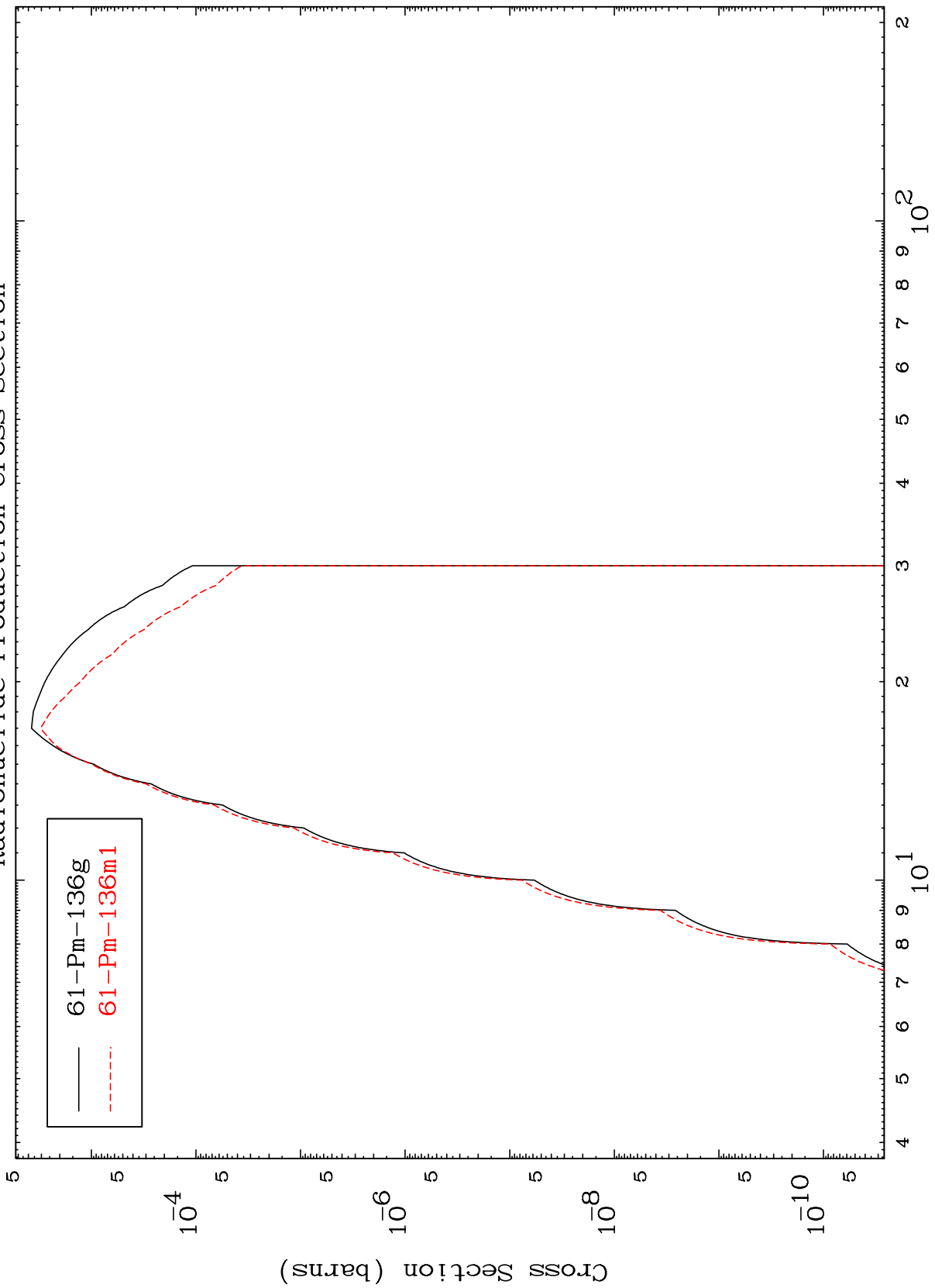
Radionuclide Production Cross Section



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59-Pr-132

Radionuclide Production Cross Section
(n, γ)

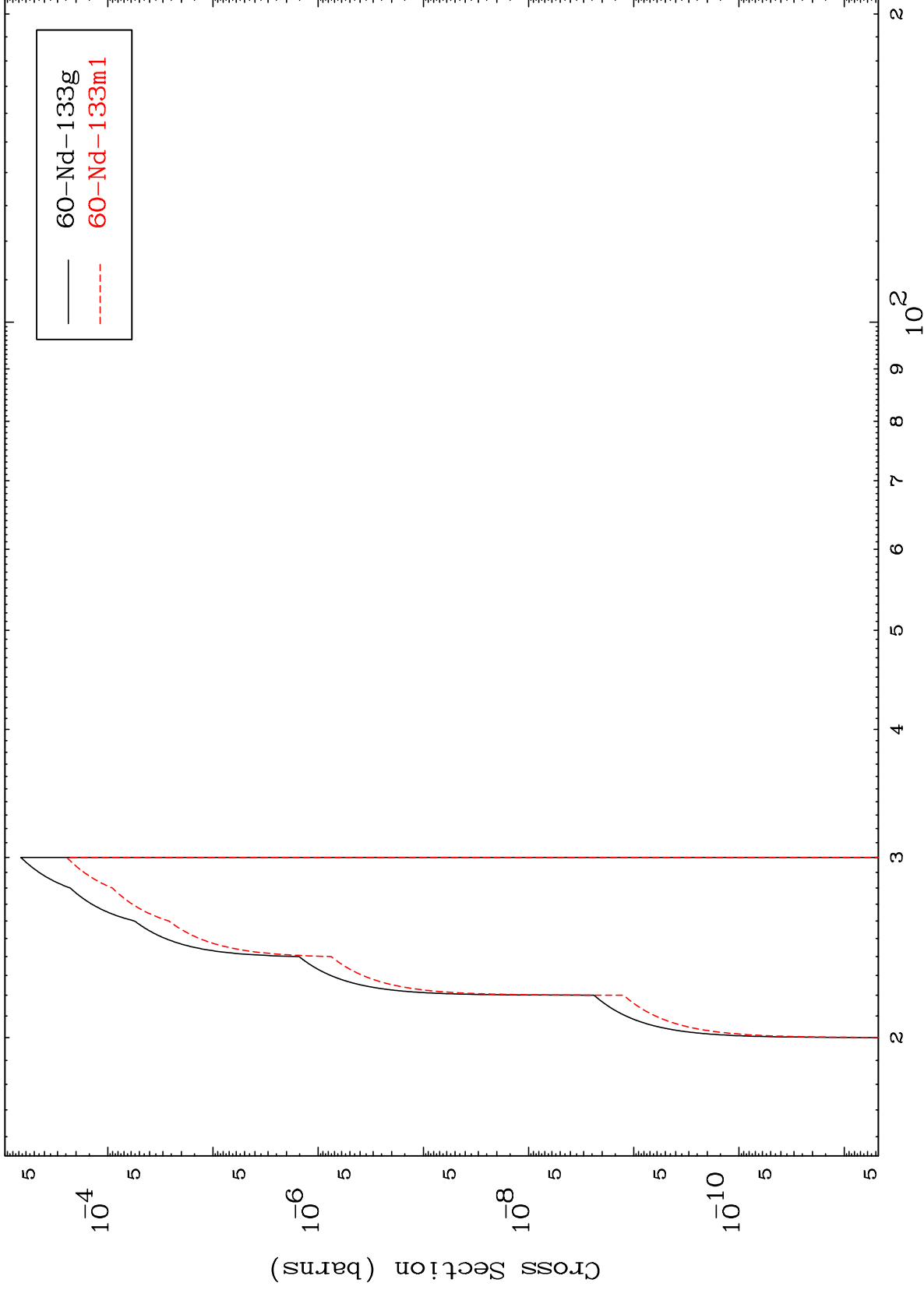


59-Pr-132

Incident Energy (MeV)

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Radionuclide Production Cross Section

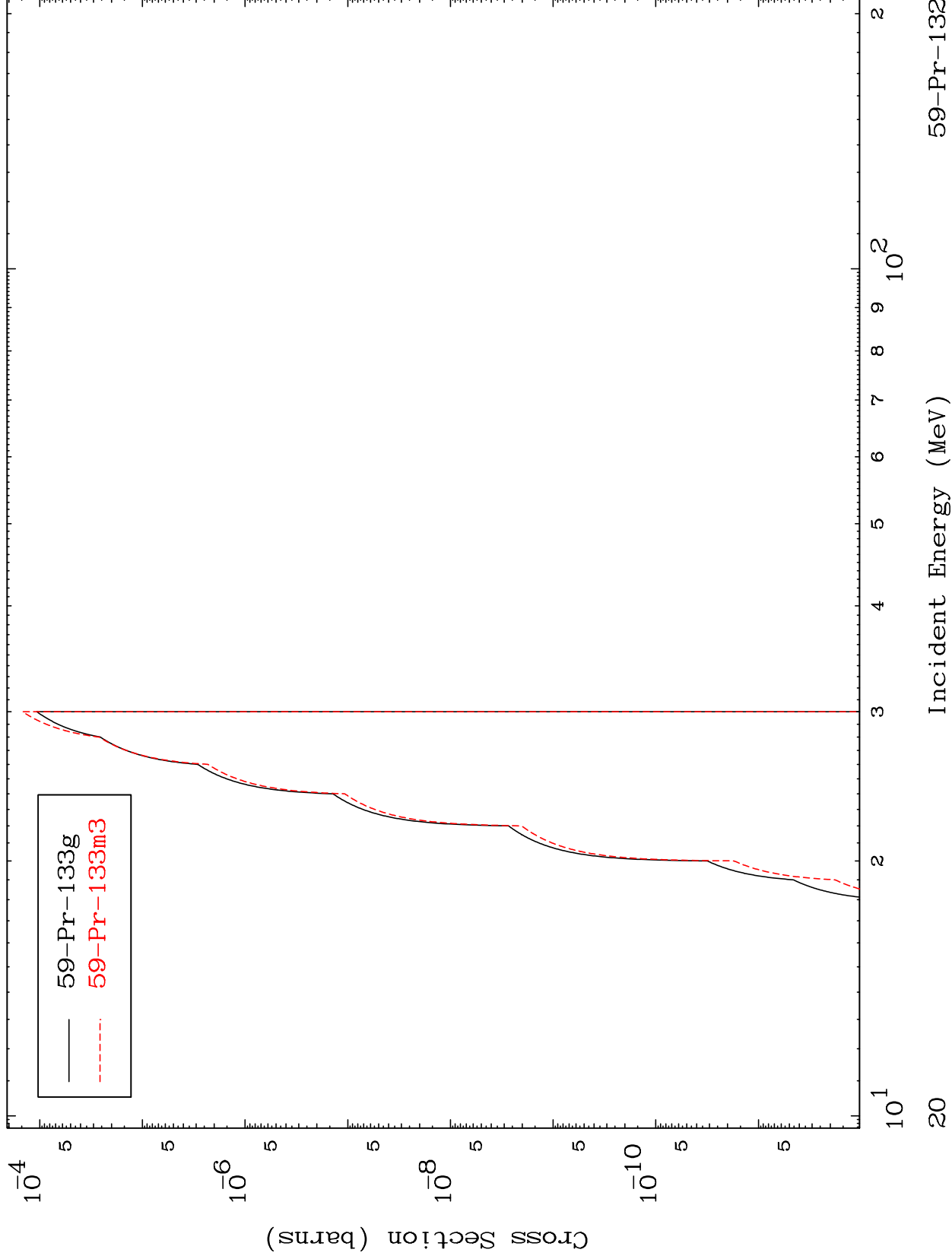


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(n,He-3)

59-Pr-132

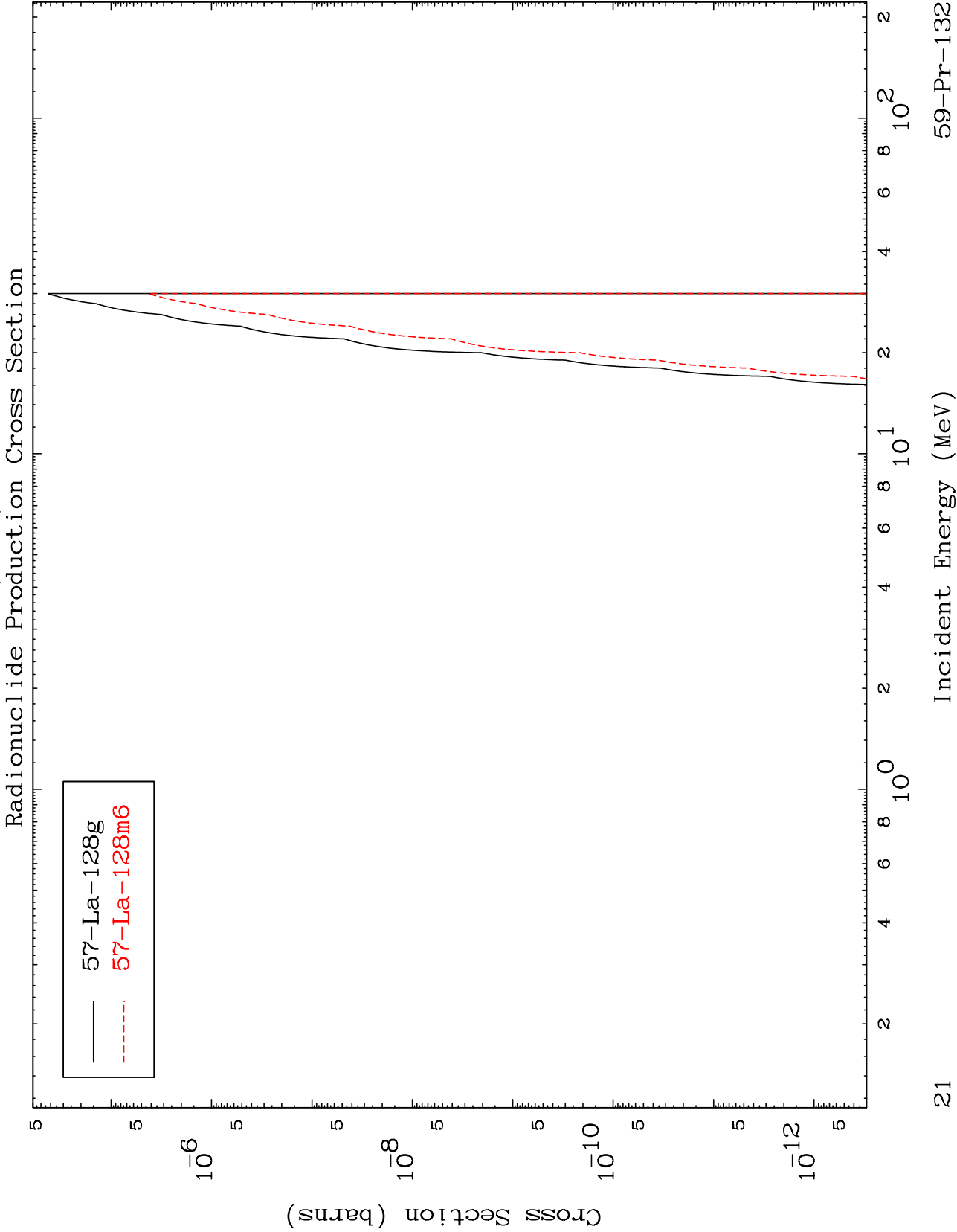
Radionuclide Production Cross Section



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(n,2α)

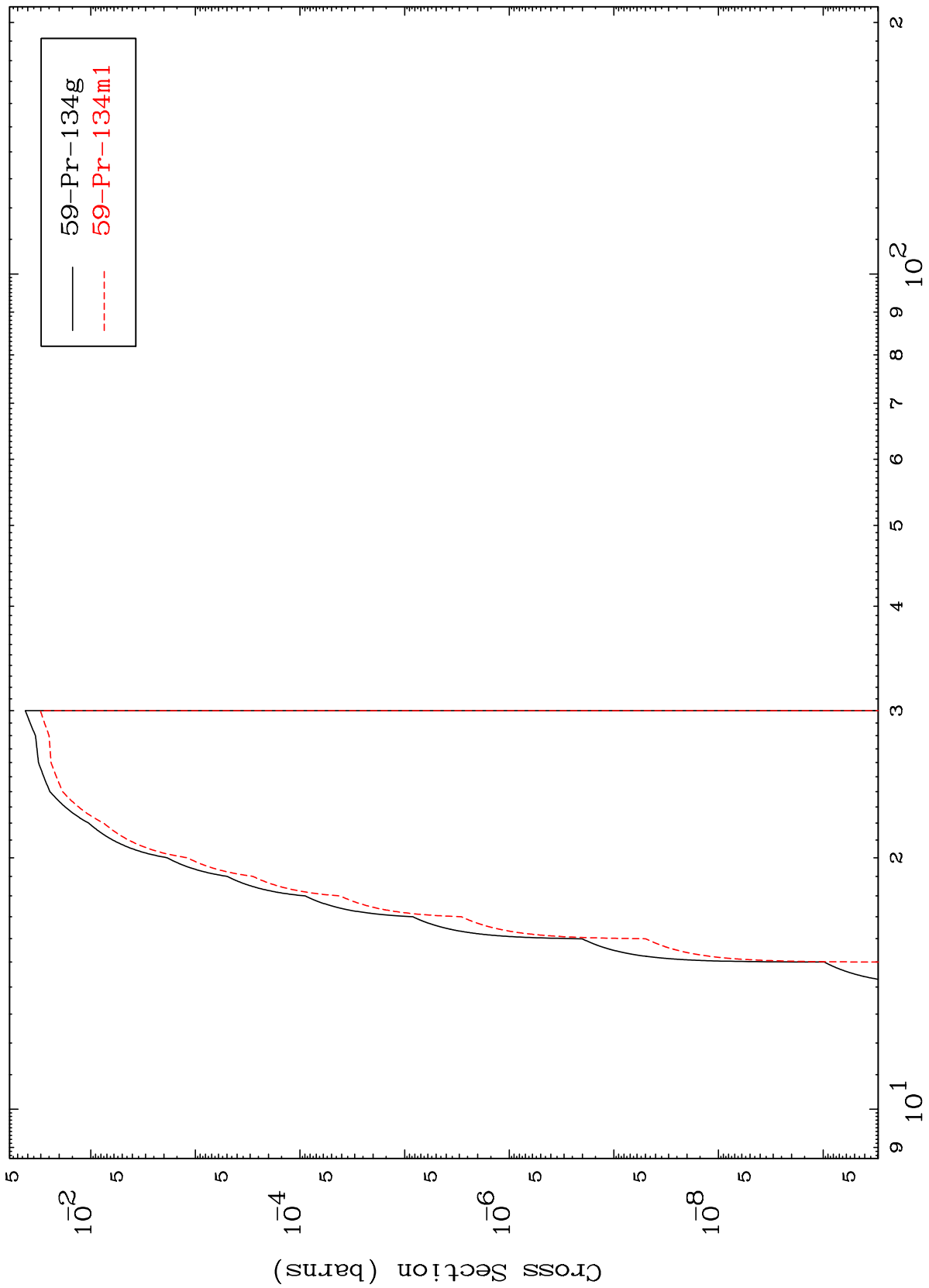
59-Pr-132



MAT 5898

59-Pr-132

(n,2p)
Radionuclide Production Cross Section



59-Pr-132

Incident Energy (MeV)

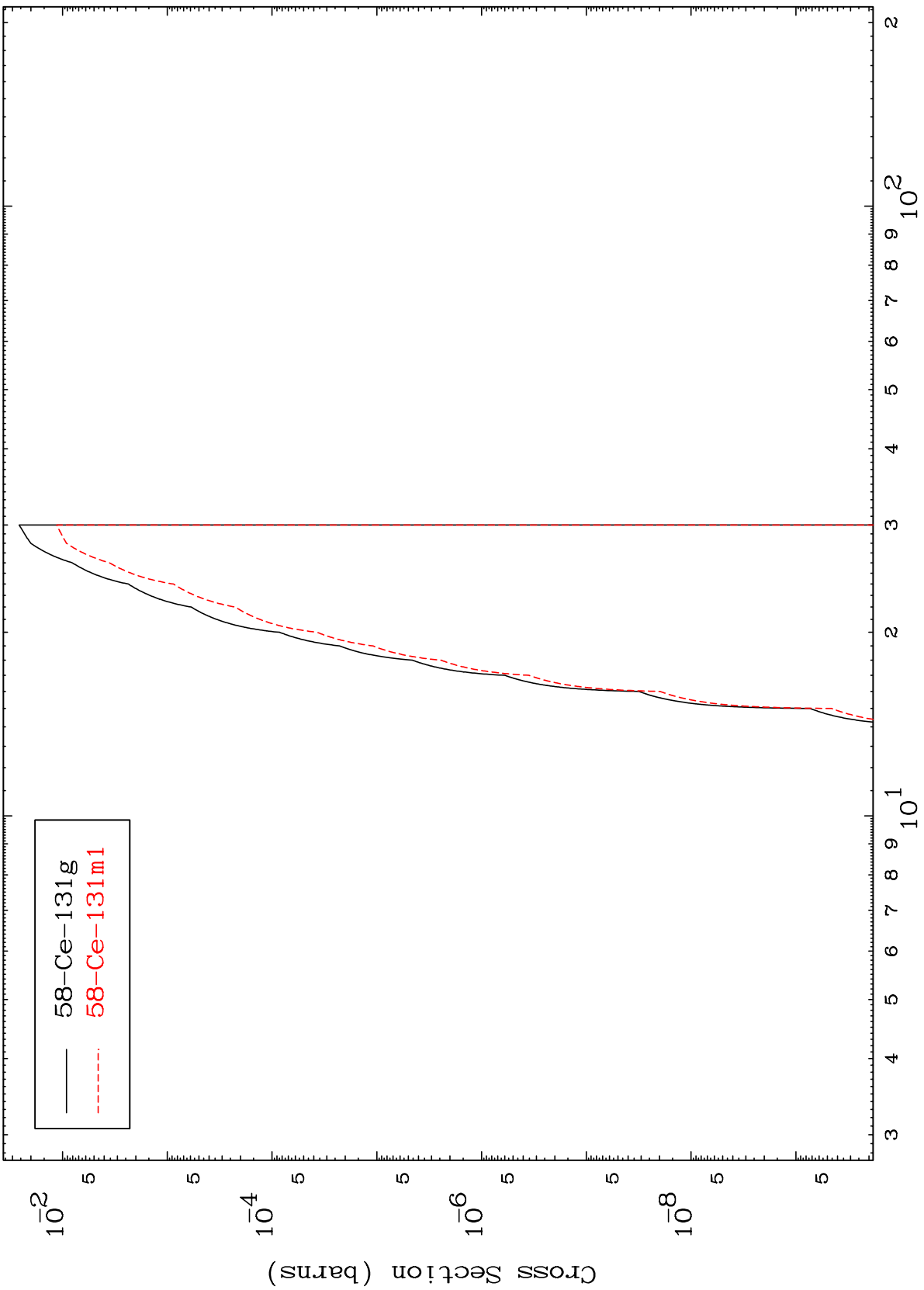
22

MAT 5898

(n,p) α

59-Pr-132

Radionuclide Production Cross Section



— 58-Ce-131g
- - - 58-Ce-131m1

23

Incident Energy (MeV)

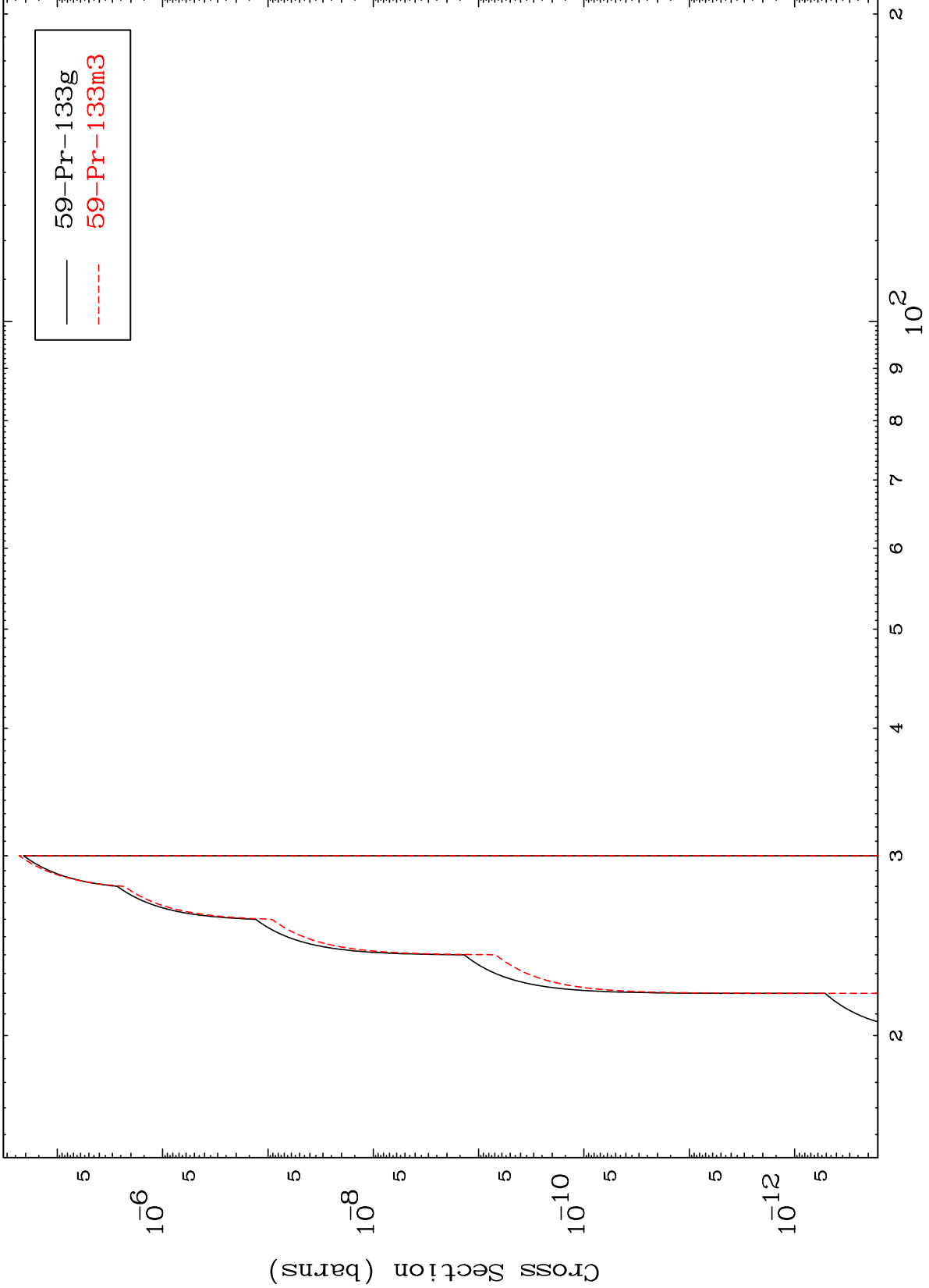
59-Pr-132

MAT 5898

(n,p) d

59-Pr-132

Radionuclide Production Cross Section



24

Incident Energy (MeV)

59-Pr-132