

Program EVALPLOT
(Version 2021-1)

by

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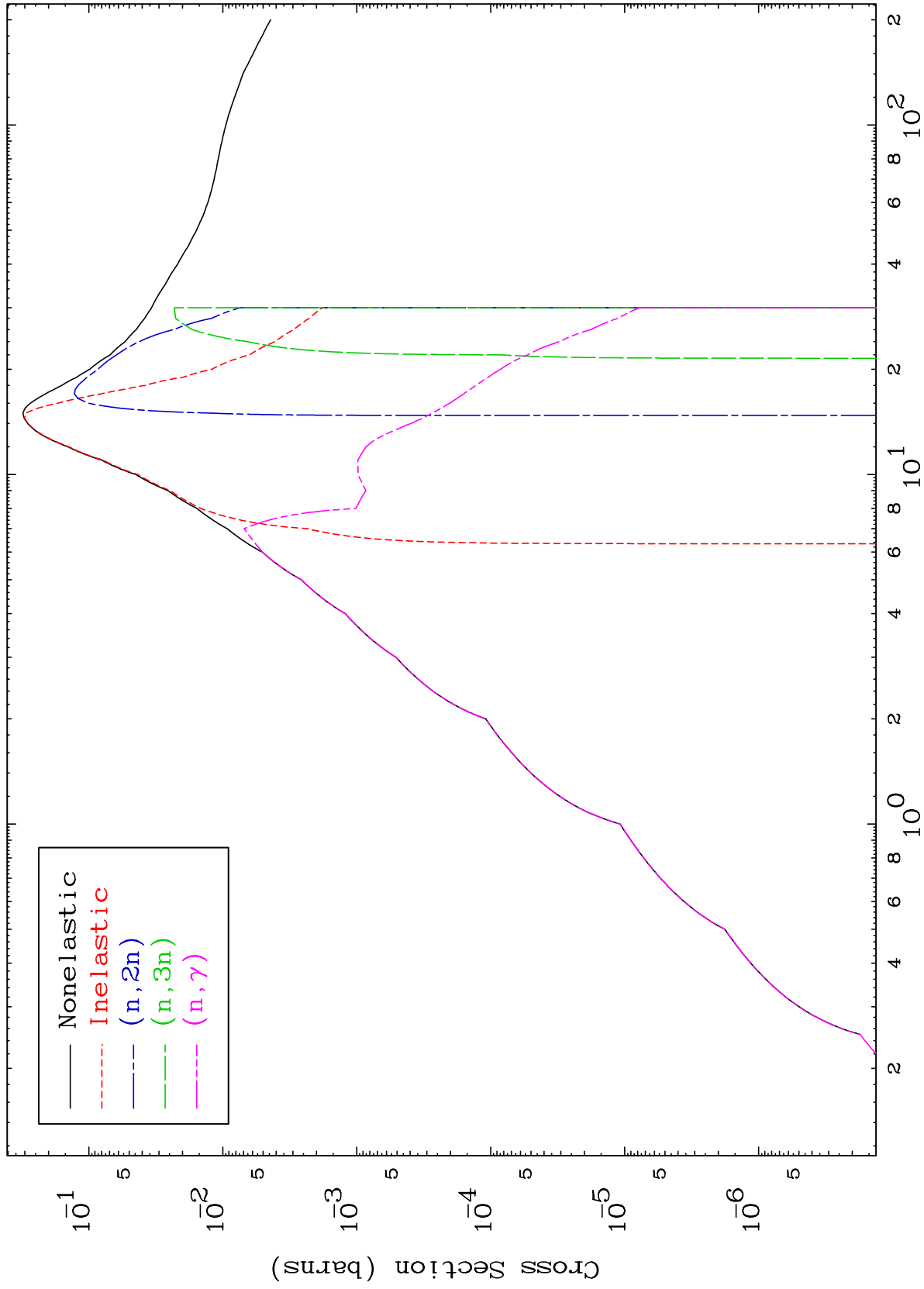
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

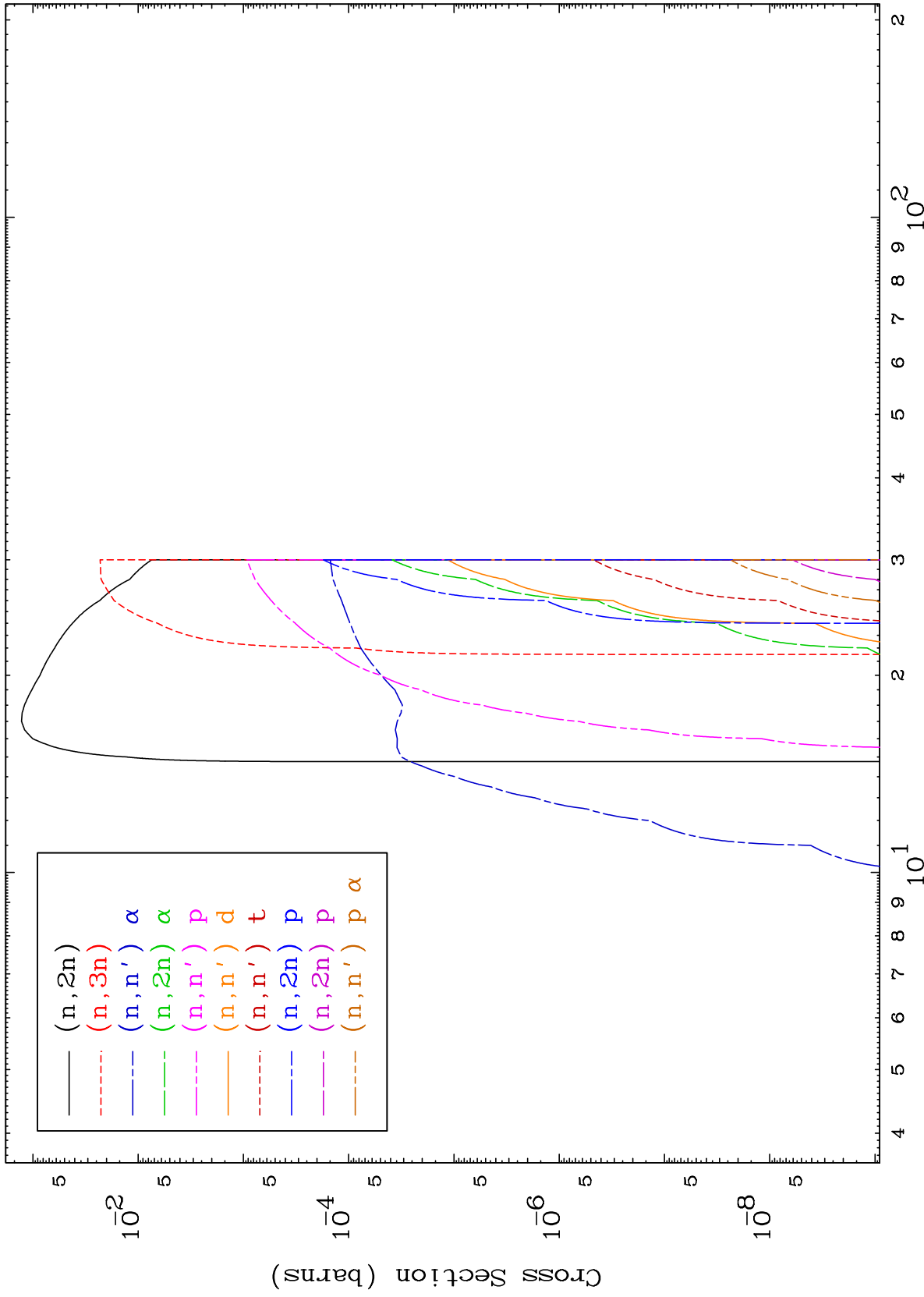
Press Mouse Button to Start

MAT 6234

0 Kelvin Major
Photon Cross Sections

62-Sm-147

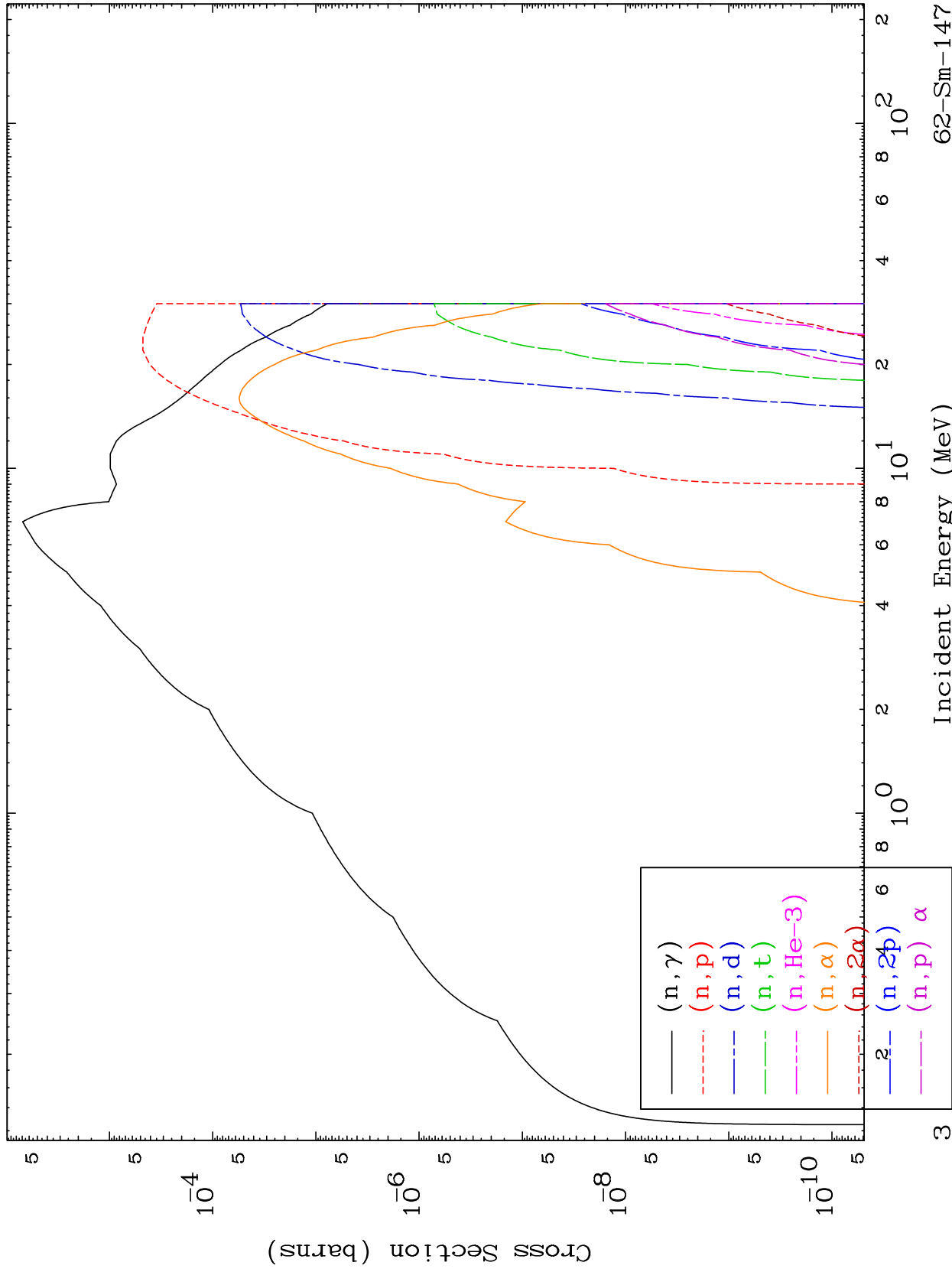


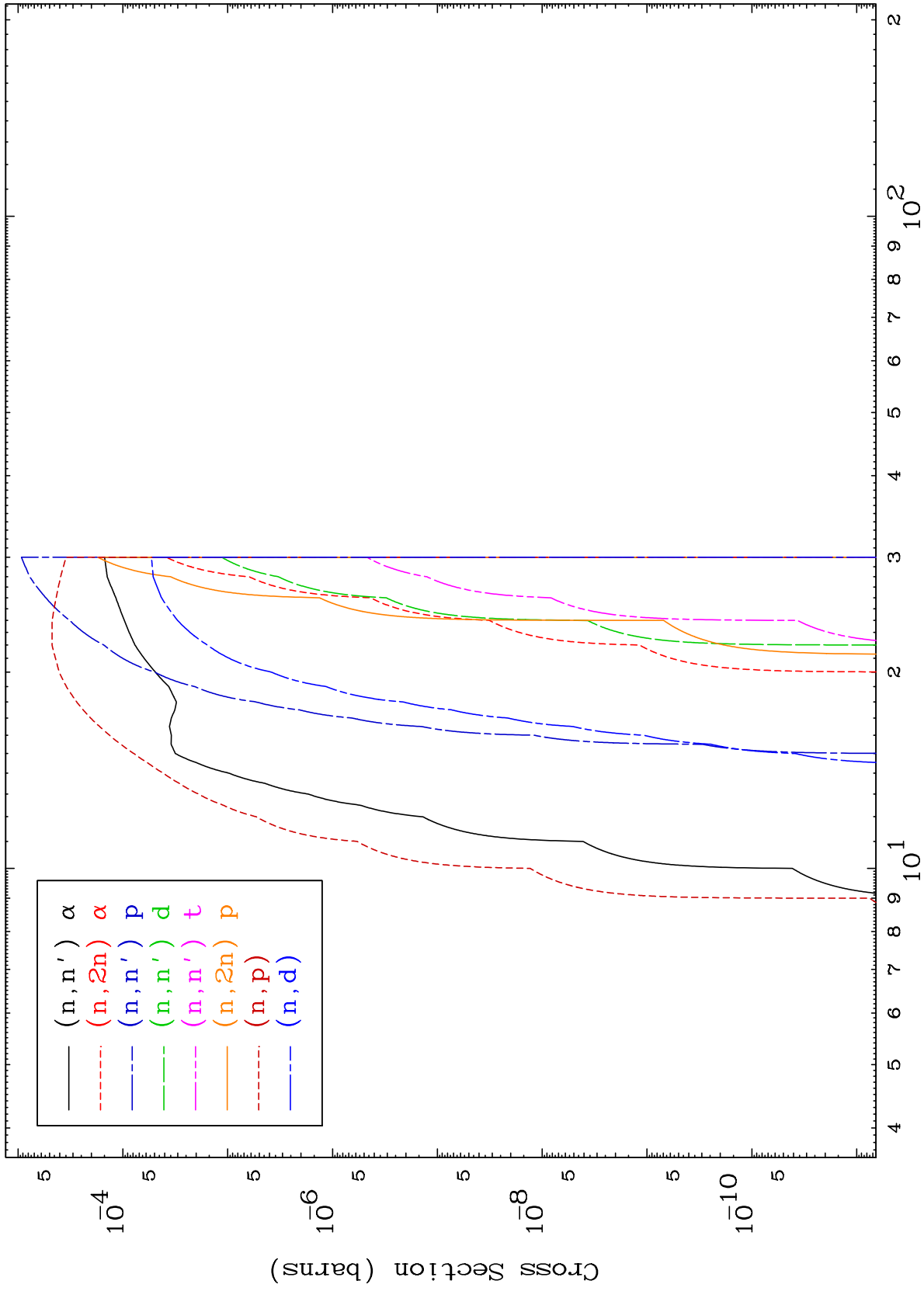


MAT 6234

Photon Neutron Absorption
0 Kelvin Cross Sections

62-Sm-147

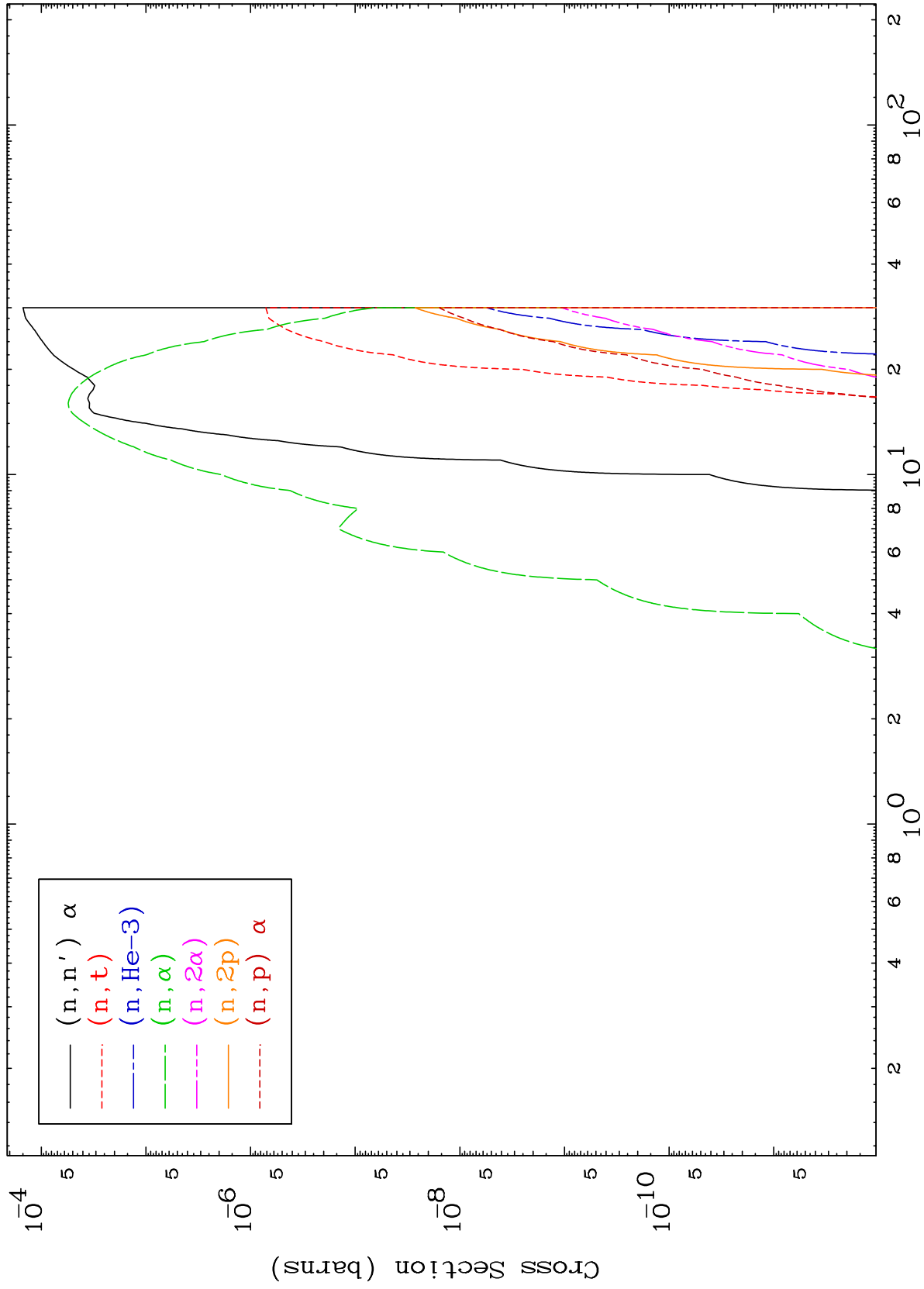


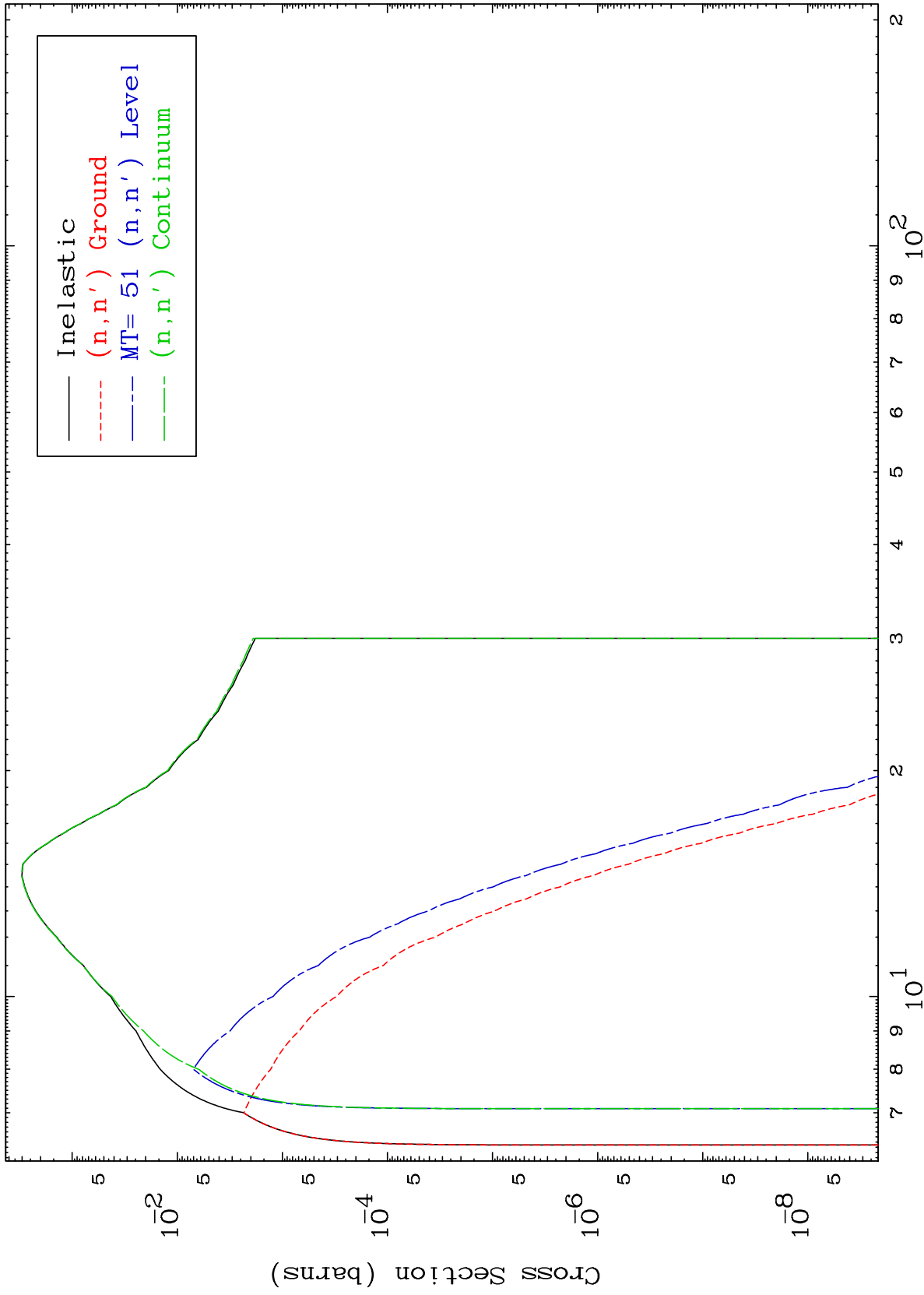


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Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-147

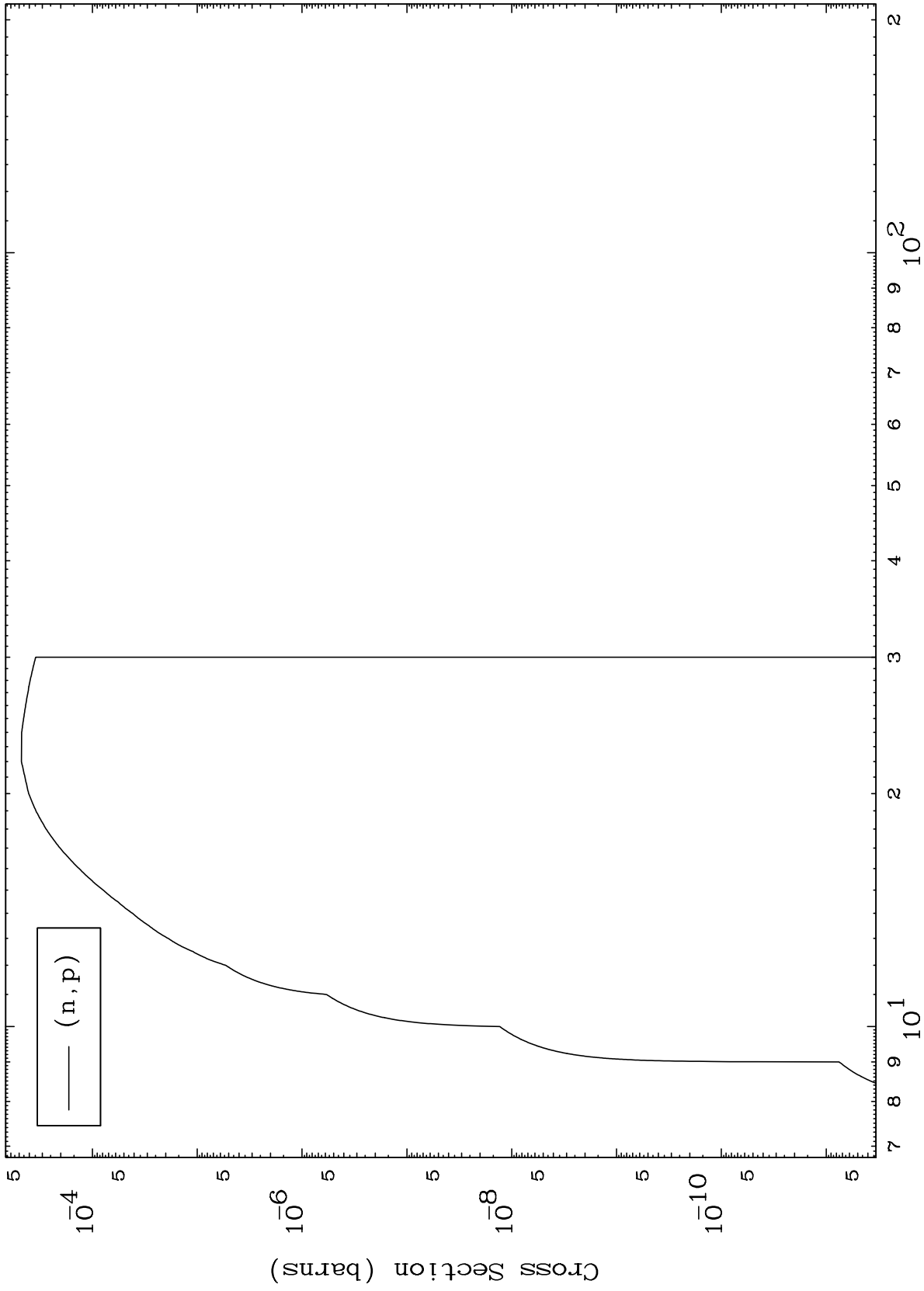




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62-Sm-147

(γ, p) Levels
0 Kelvin Cross Sections



7

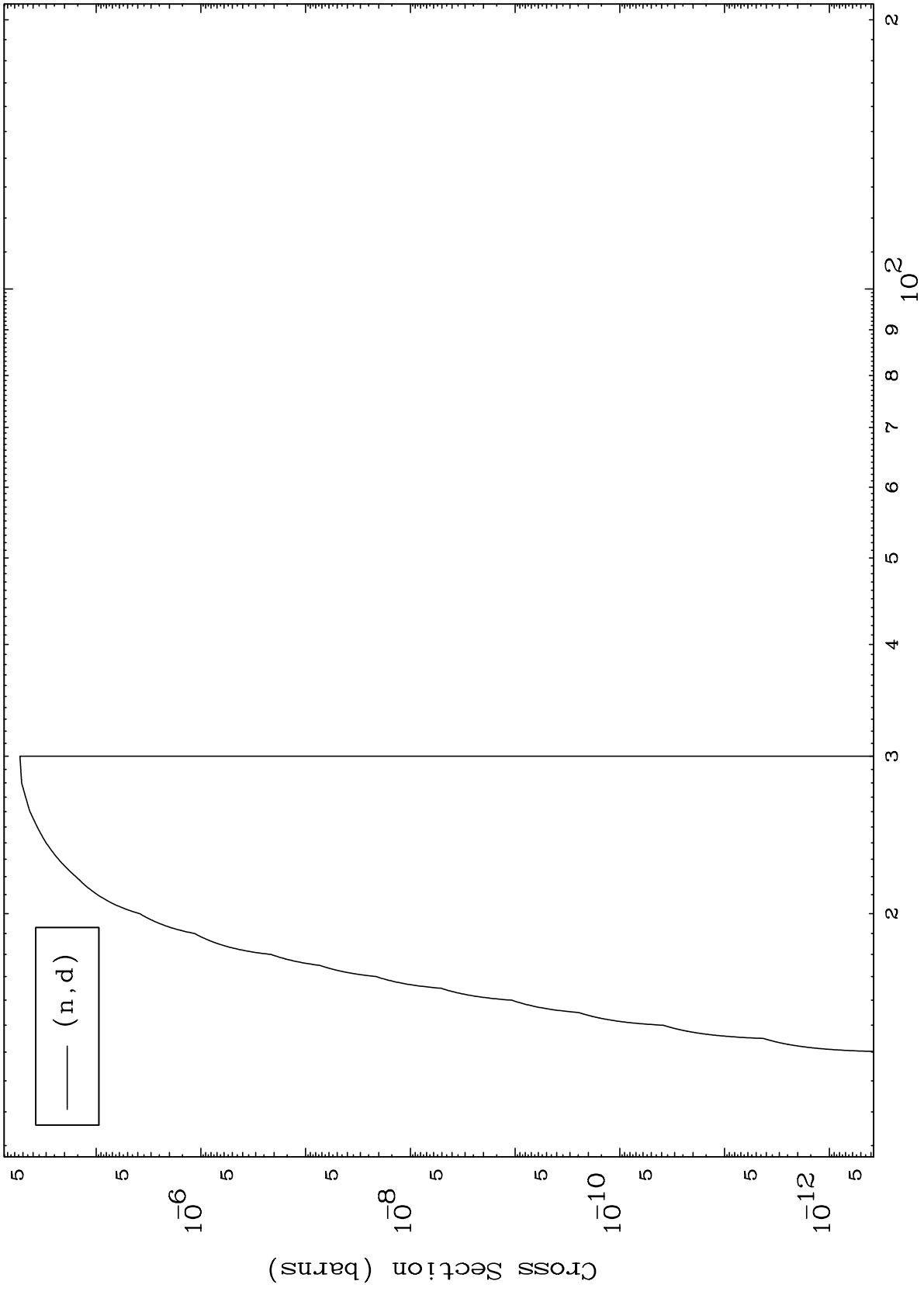
Incident Energy (MeV)

62-Sm-147

MAT 6234

(γ, d) Levels
0 Kelvin Cross Sections

62-Sm-147



8

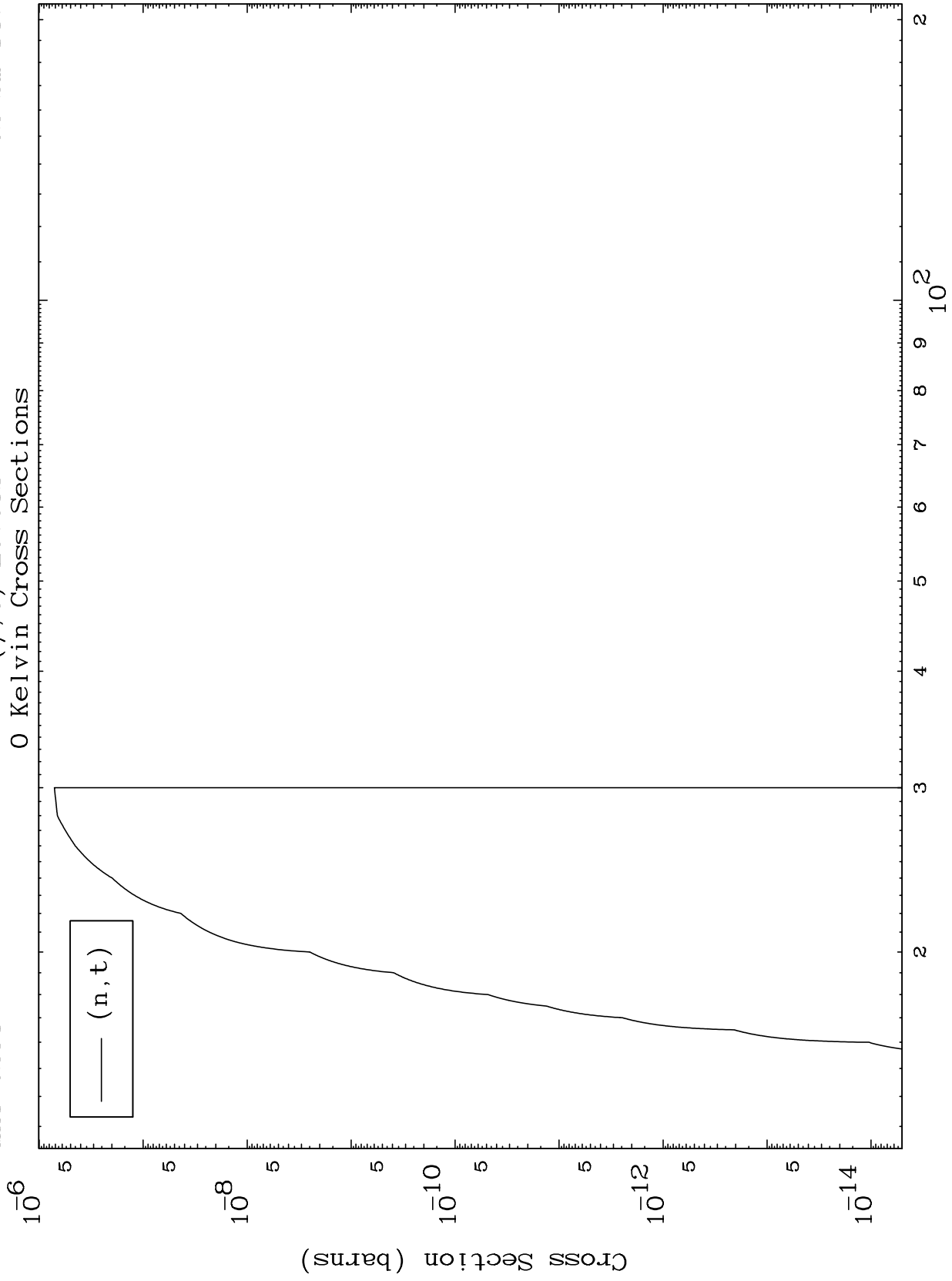
Incident Energy (MeV)

62-Sm-147

MAT 6234

(γ, t) Levels
0 Kelvin Cross Sections

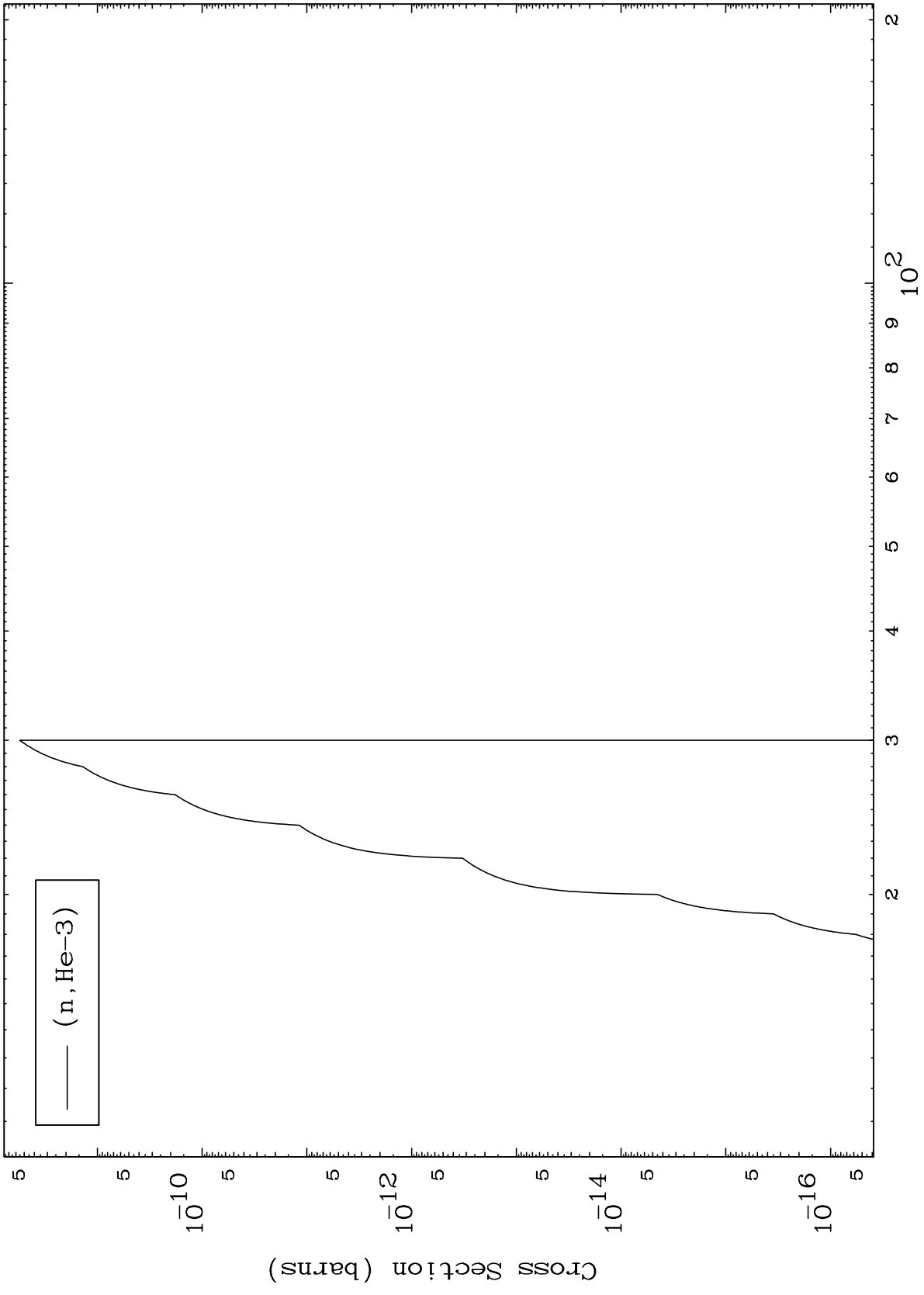
62-Sm-147



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

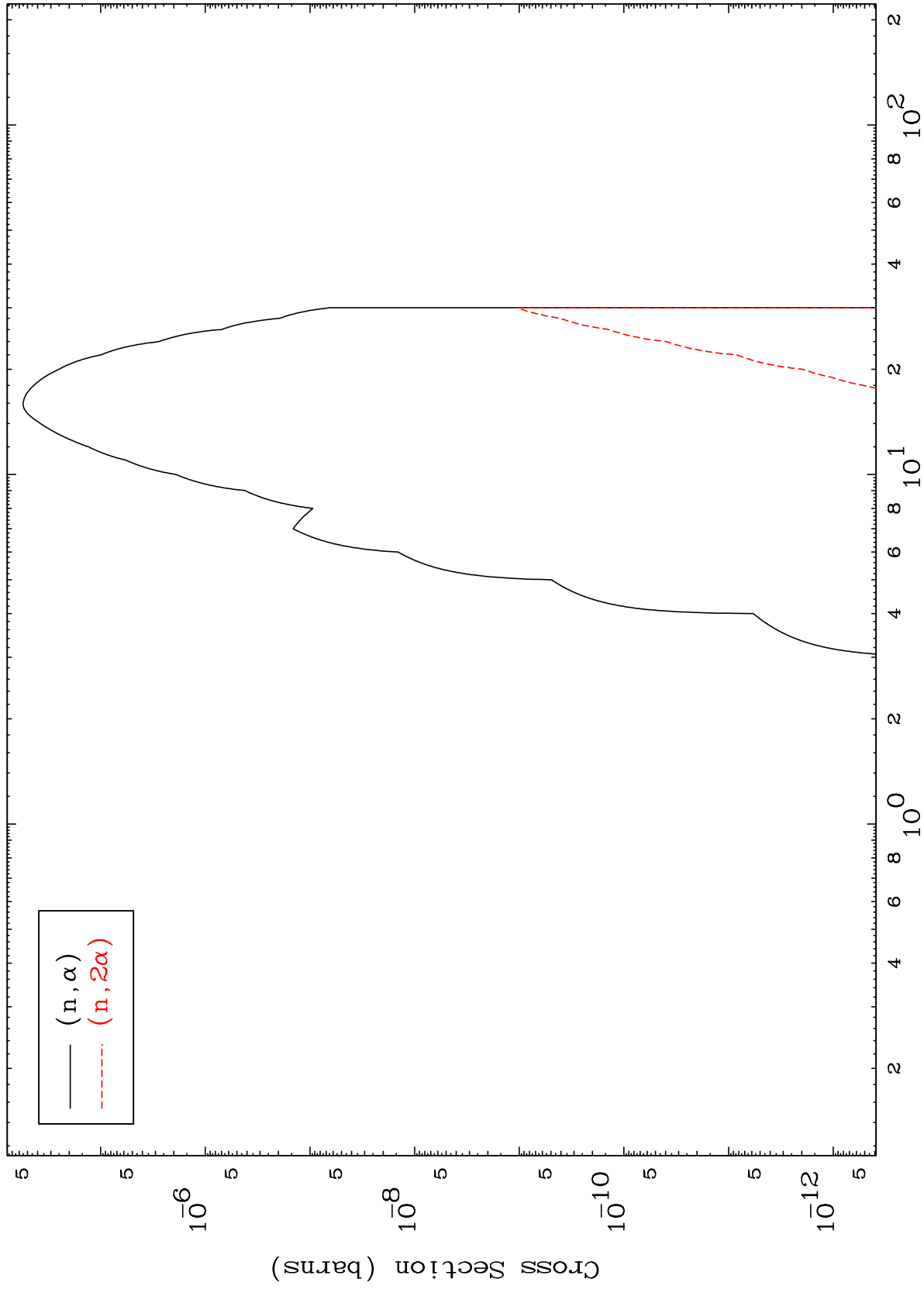
62-Sm-147



10

Incident Energy (MeV)

62-Sm-147

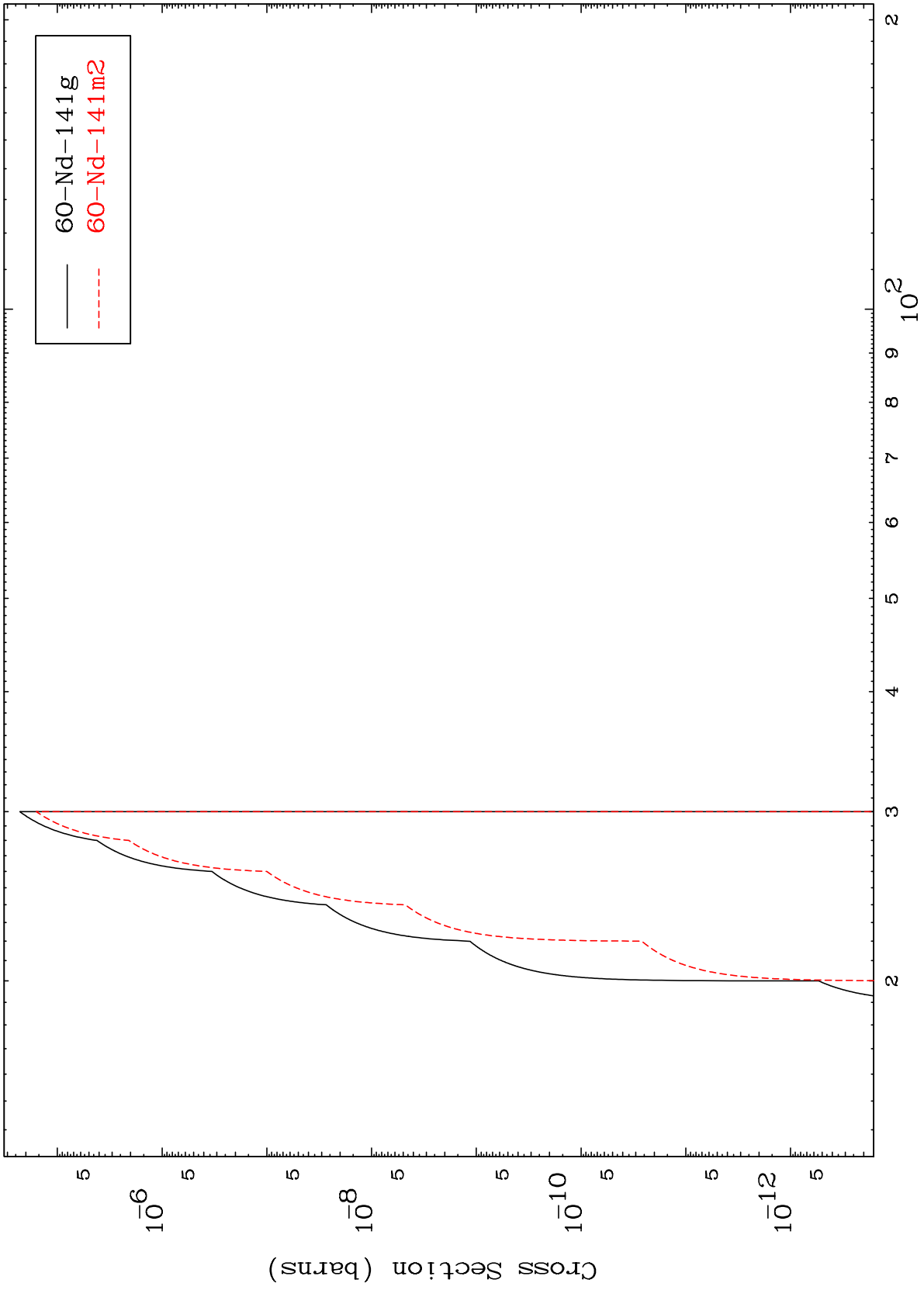


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$(n, 2n) \alpha$

$^{62}\text{Sm}-147$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

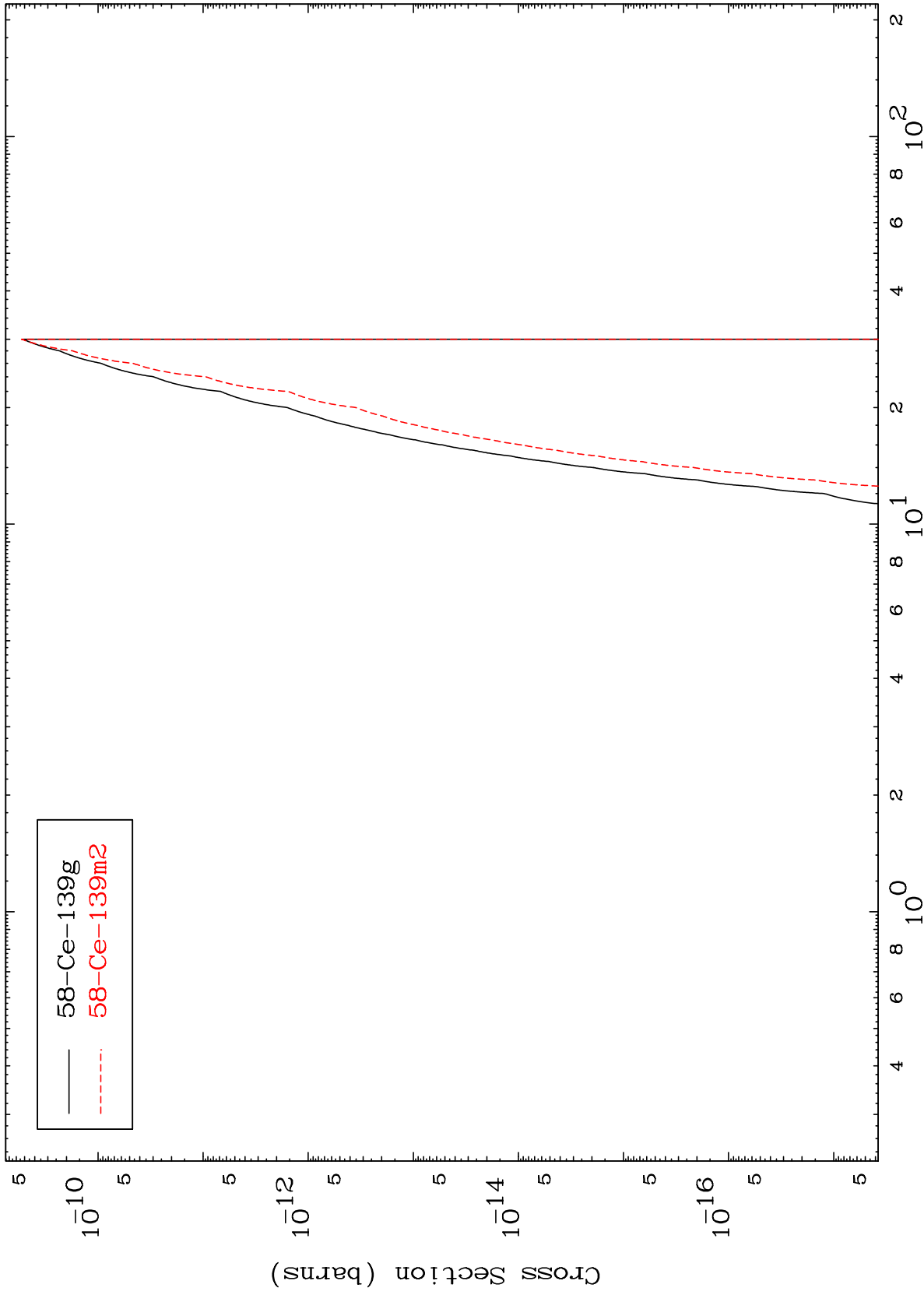
$^{62}\text{Sm}-147$

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(n,2α)

62-Sm-147

Radionuclide Production Cross Section



13

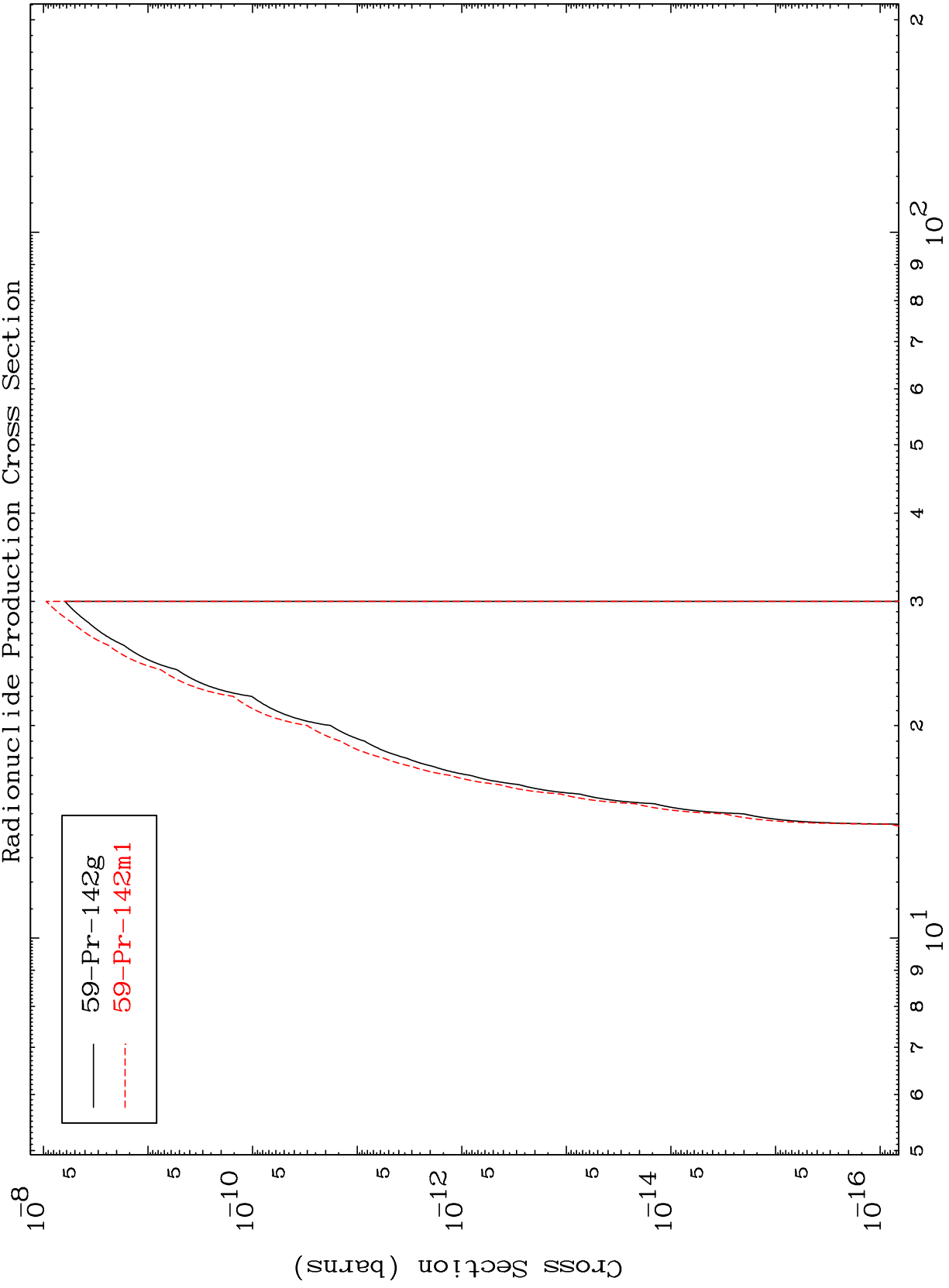
Incident Energy (MeV)

62-Sm-147

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62-Sm-147

(n,p) α
Radionuclide Production Cross Section



14

Incident Energy (MeV)

62-Sm-147