

Program EVALPLOT
(Version 2021-1)

by

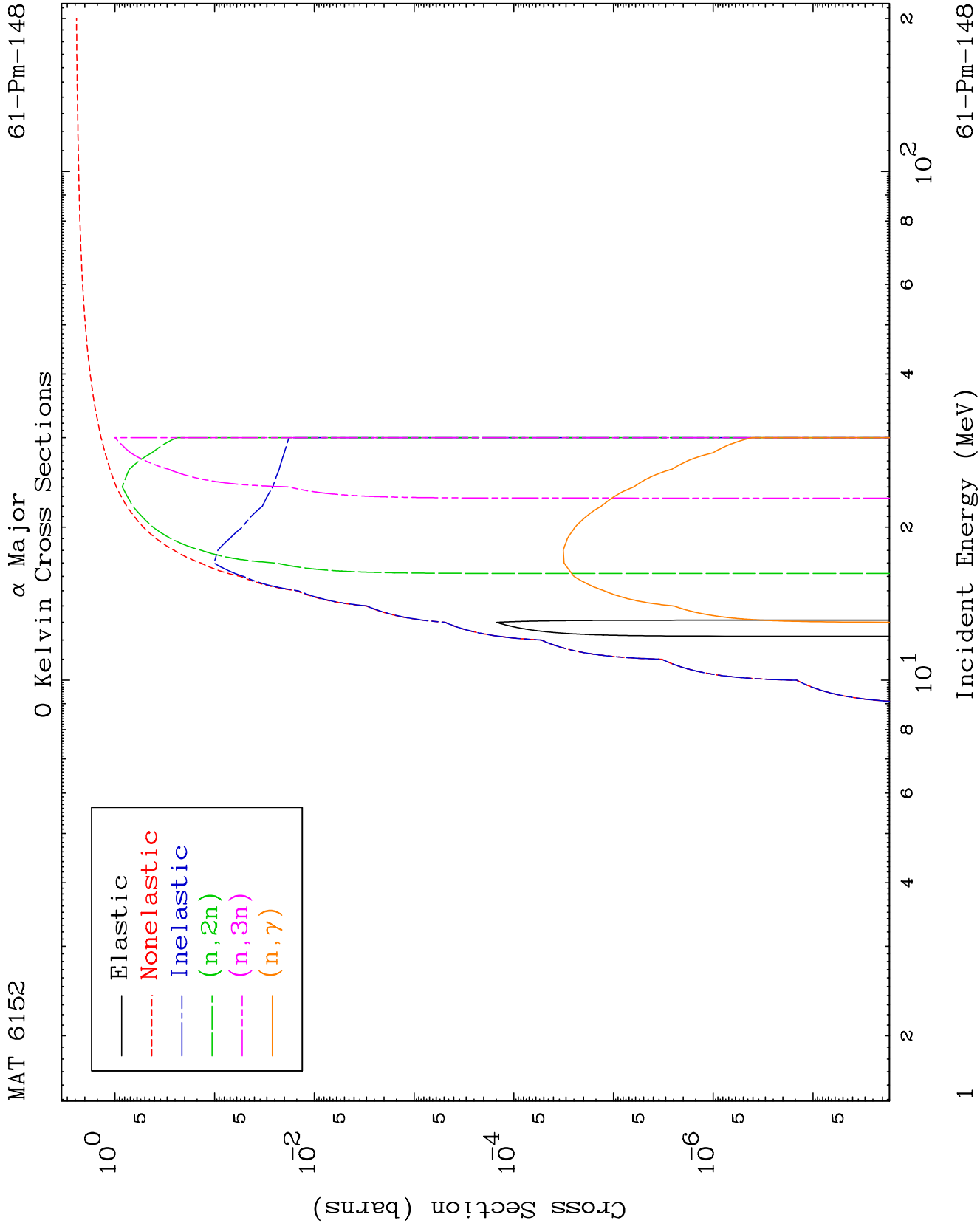
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

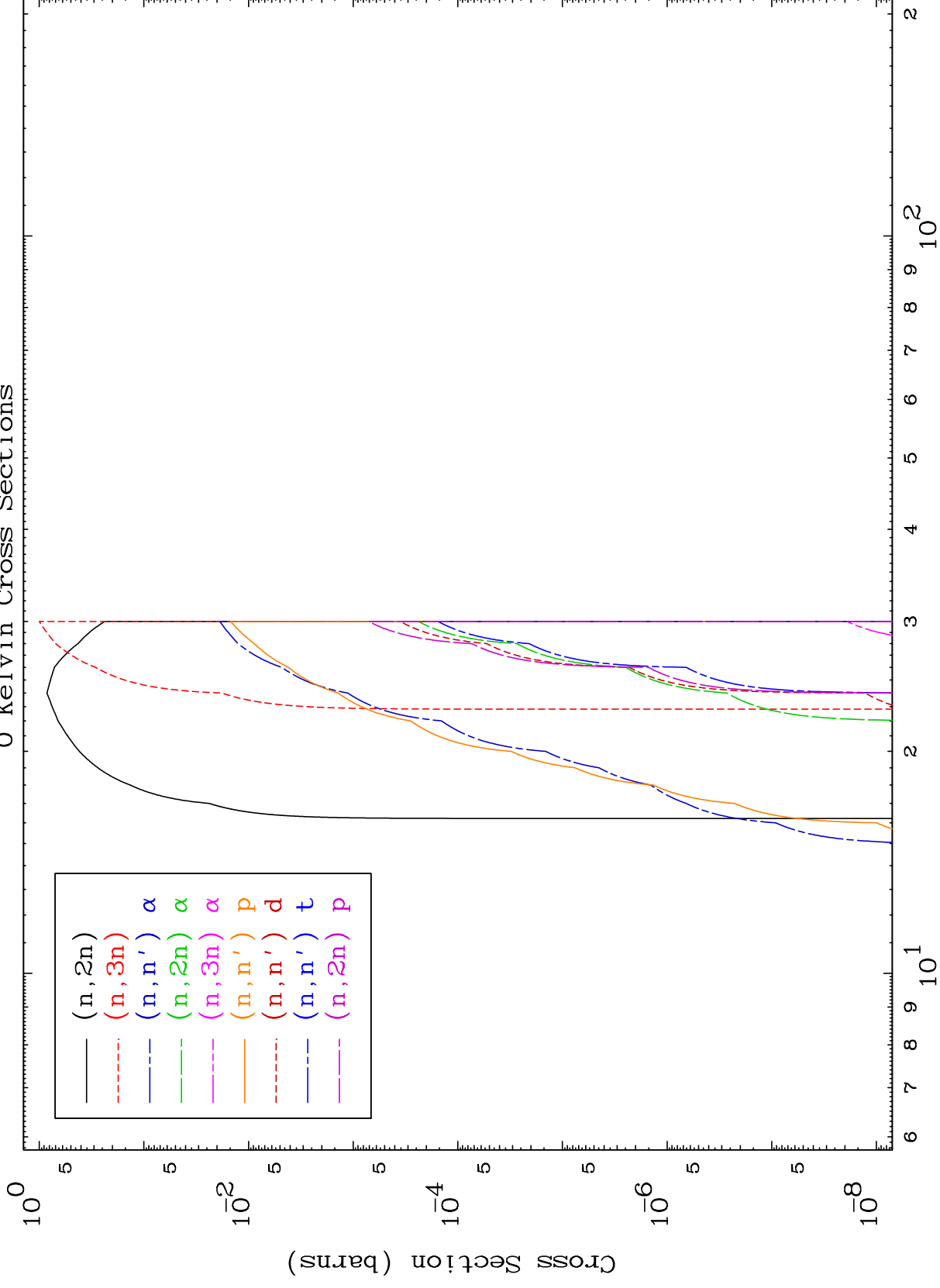
Press Mouse Button to Start



MAT 6152

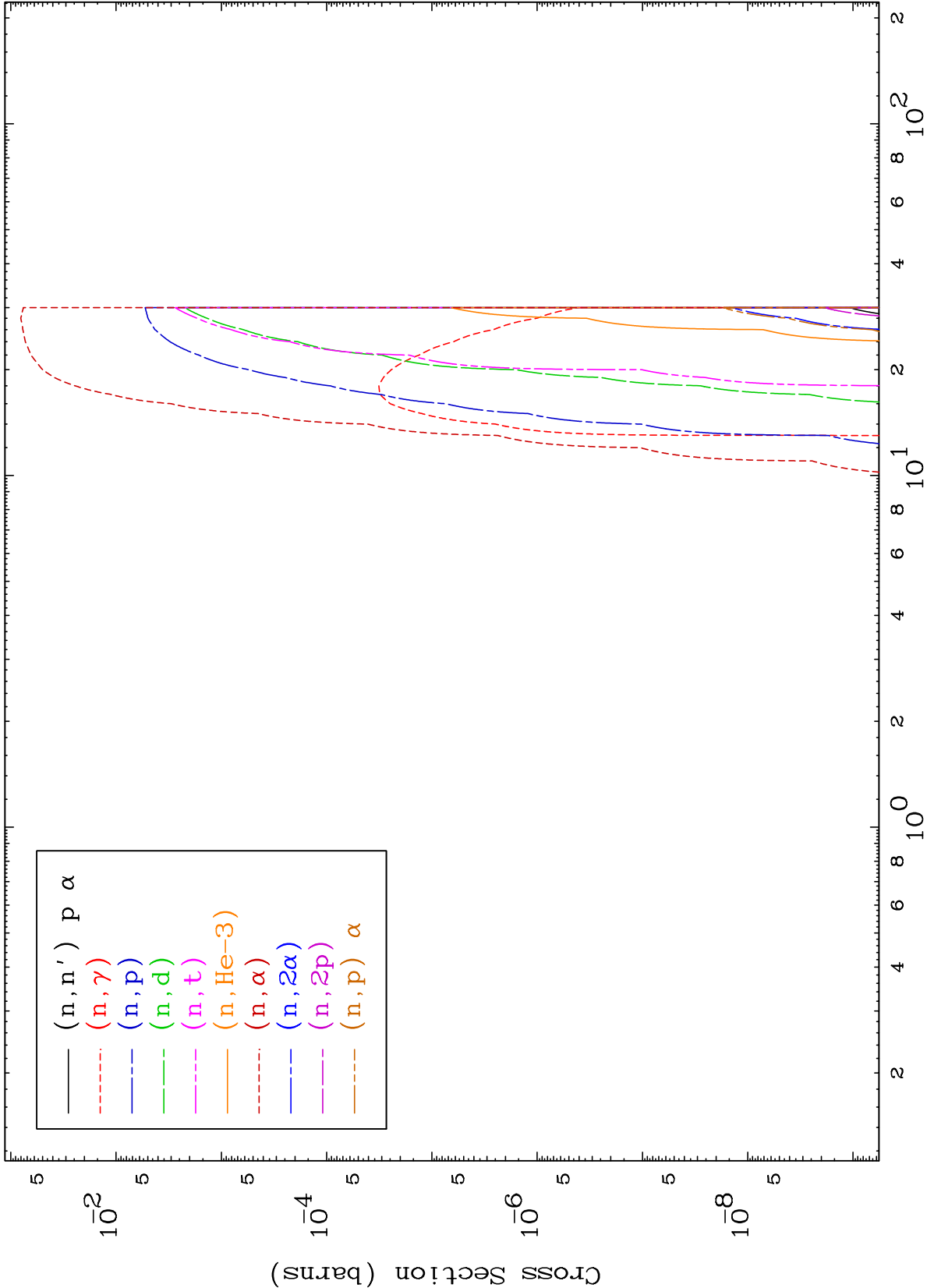
α Neutron Absorption Kelvin Cross Sections

61-Pm-148

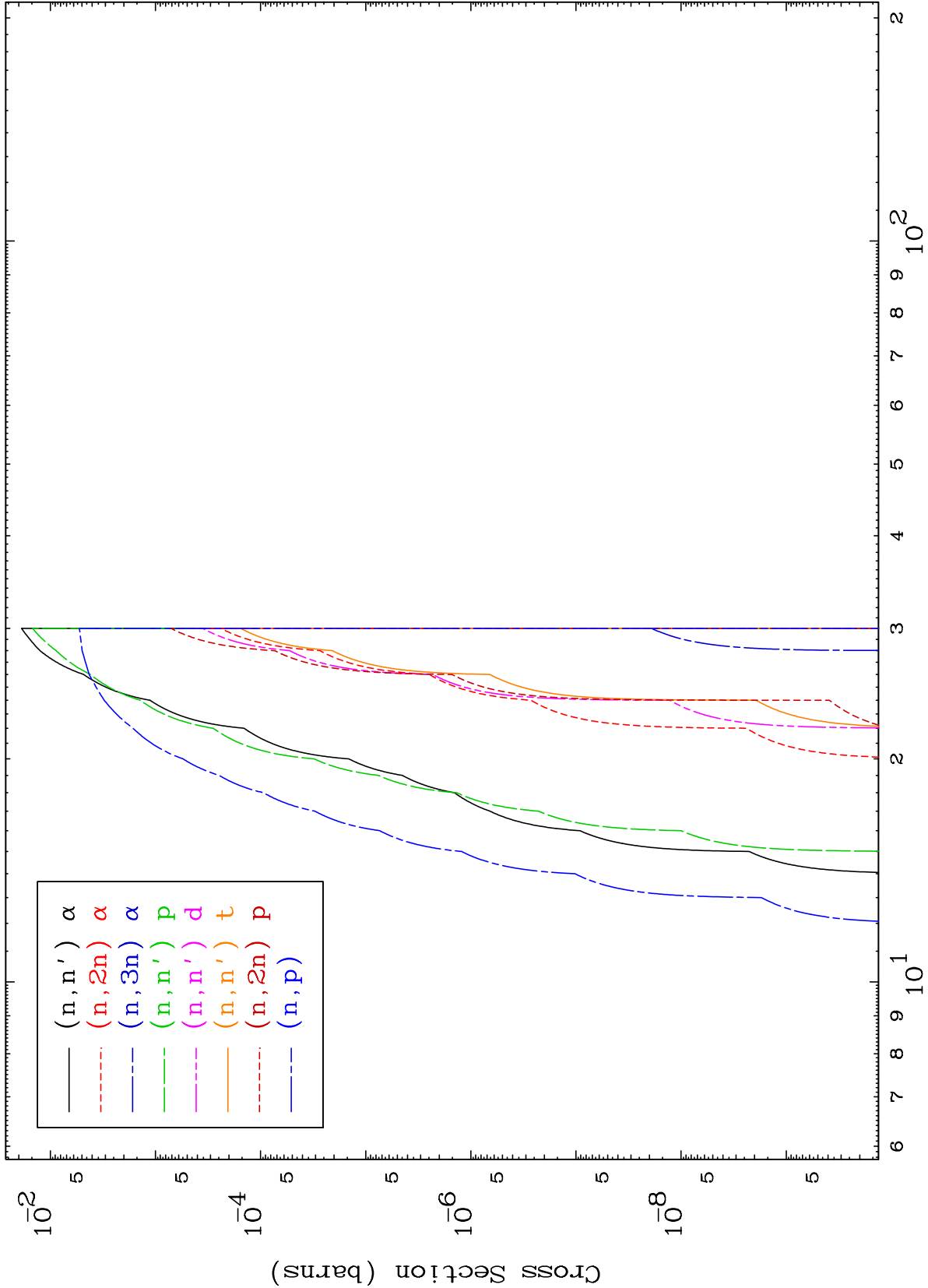


61-Pm-148

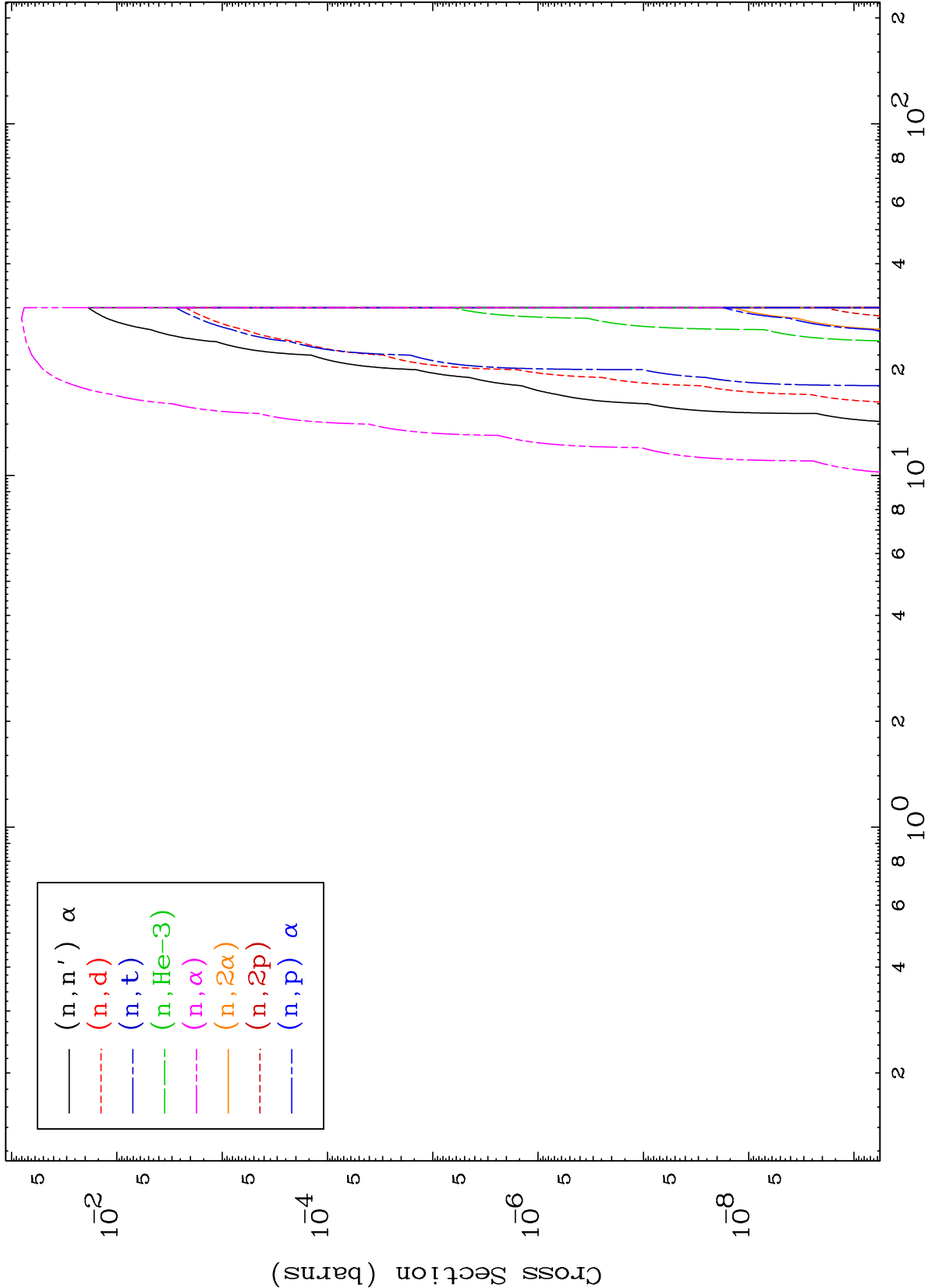
Incident Energy (MeV)



α Charged Particle
0 Kelvin Cross Sections



0 Kelvin Cross Sections

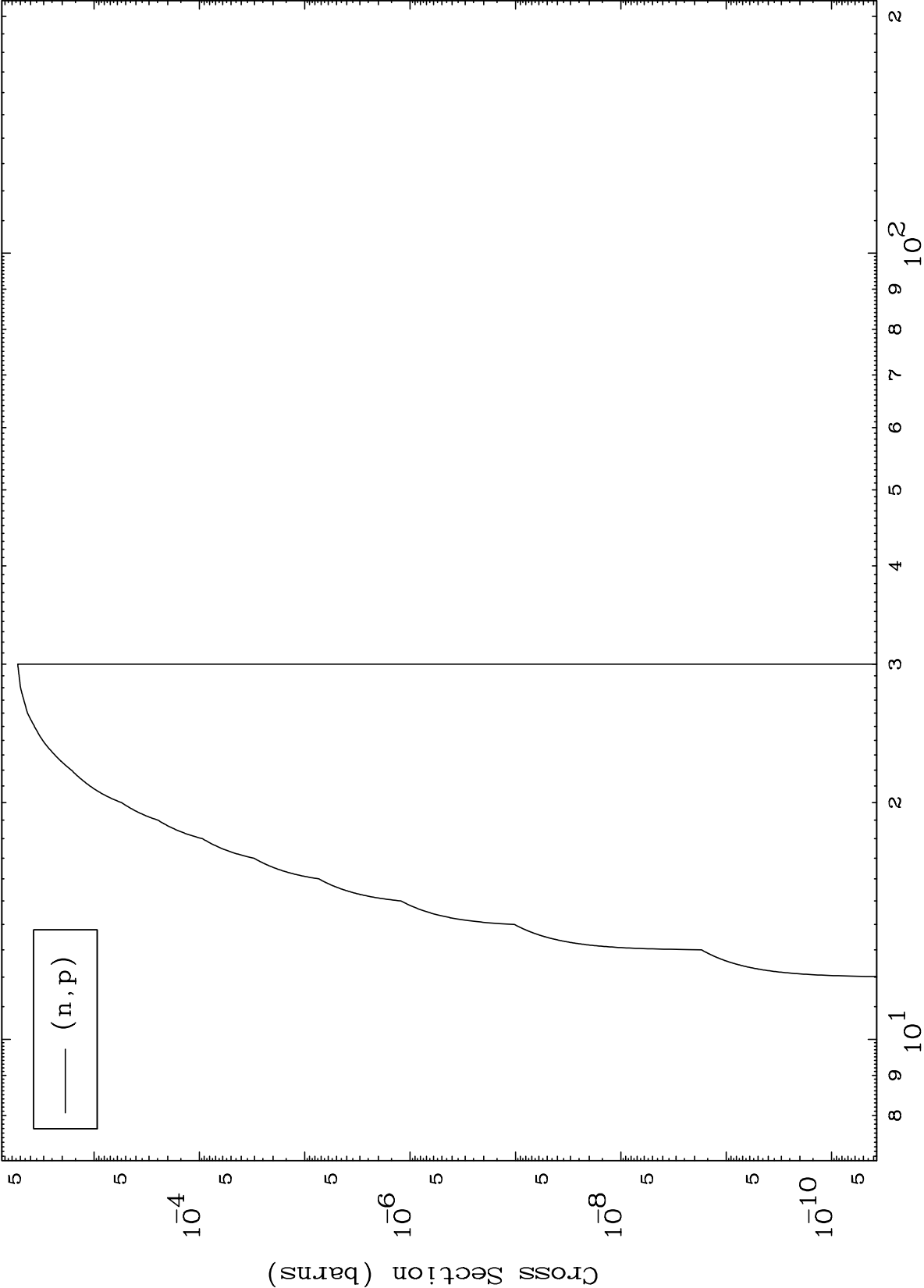


Incident Energy (MeV)

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61-Pm-148

(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

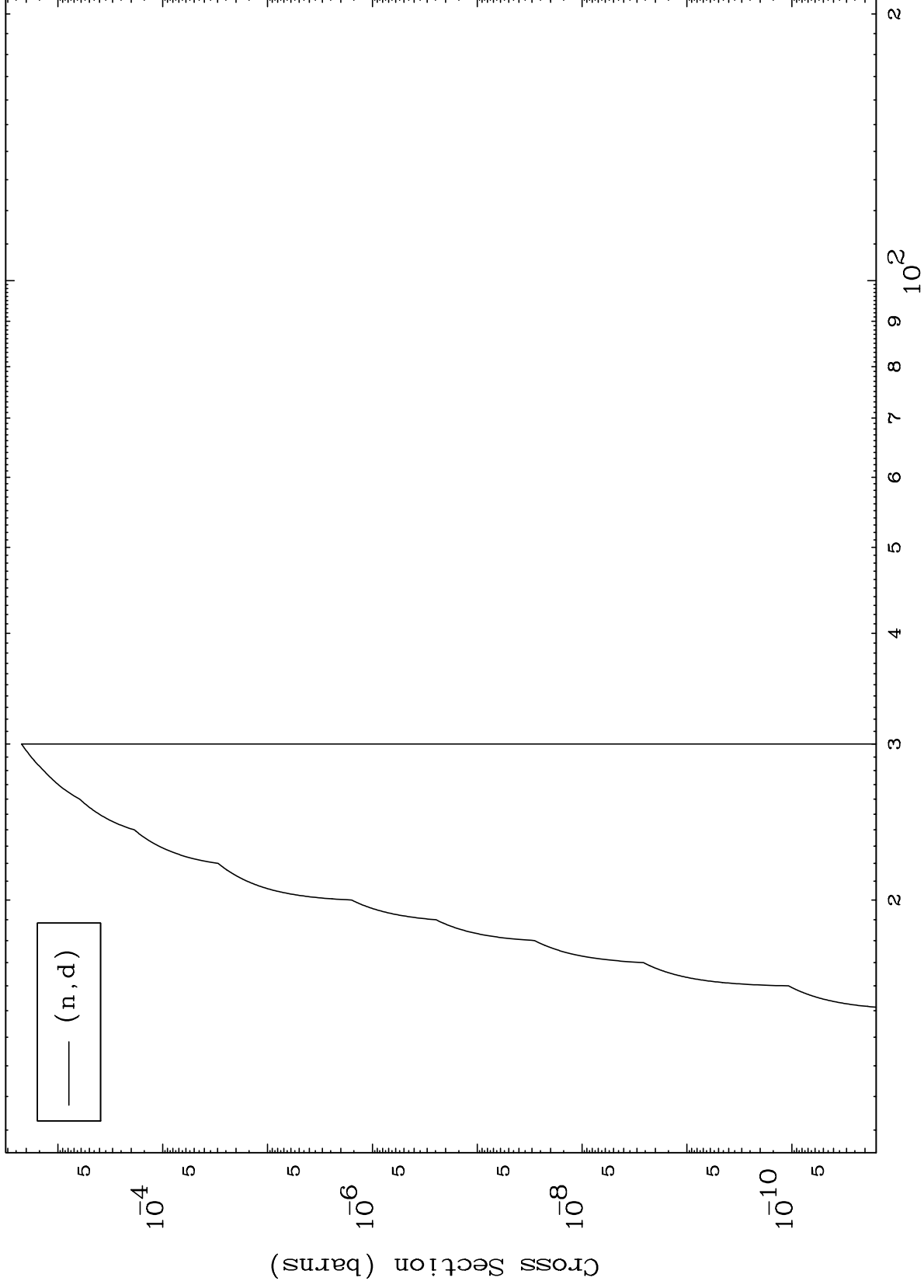
61-Pm-148

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(α ,d) Levels

61-Pm-148

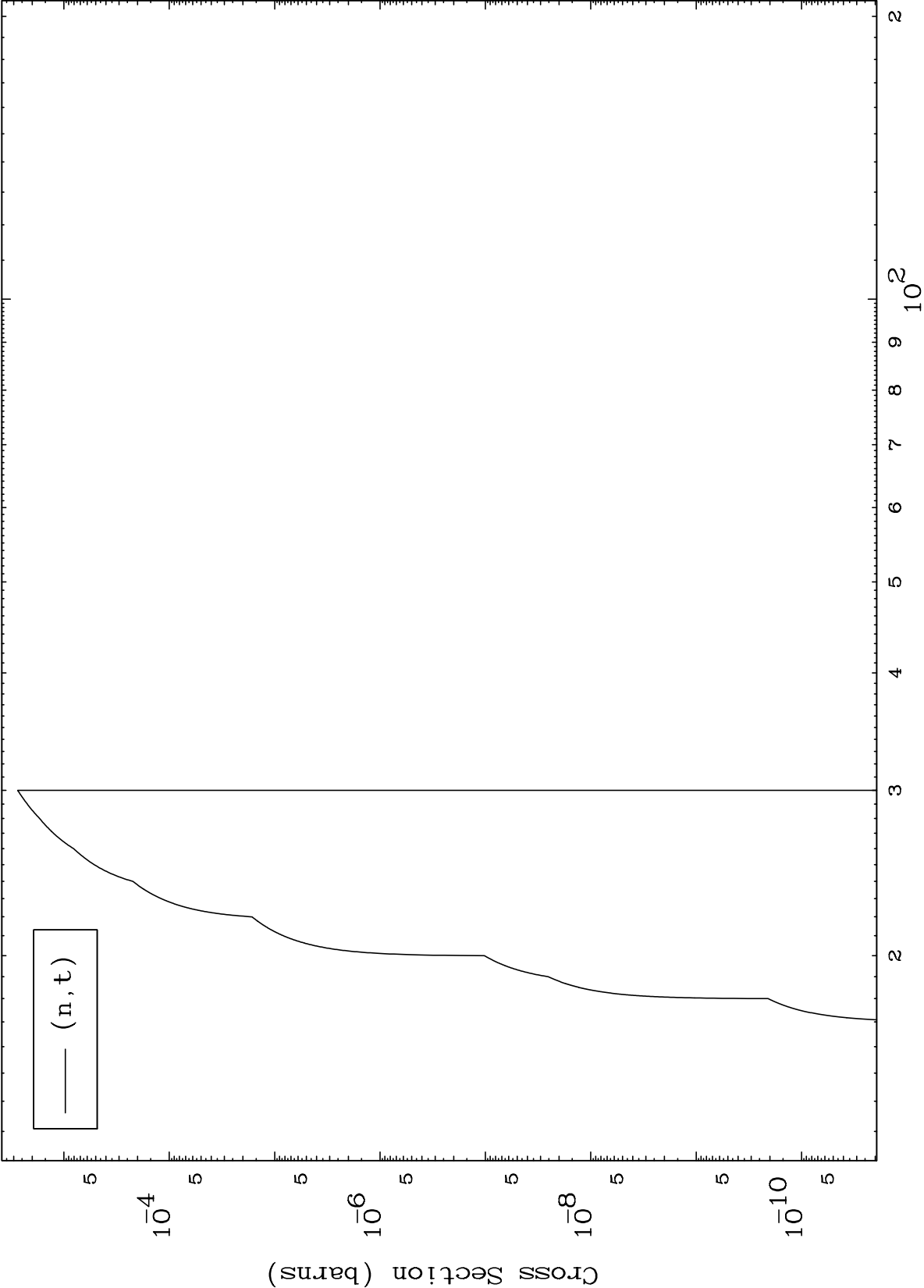
0 Kelvin Cross Sections



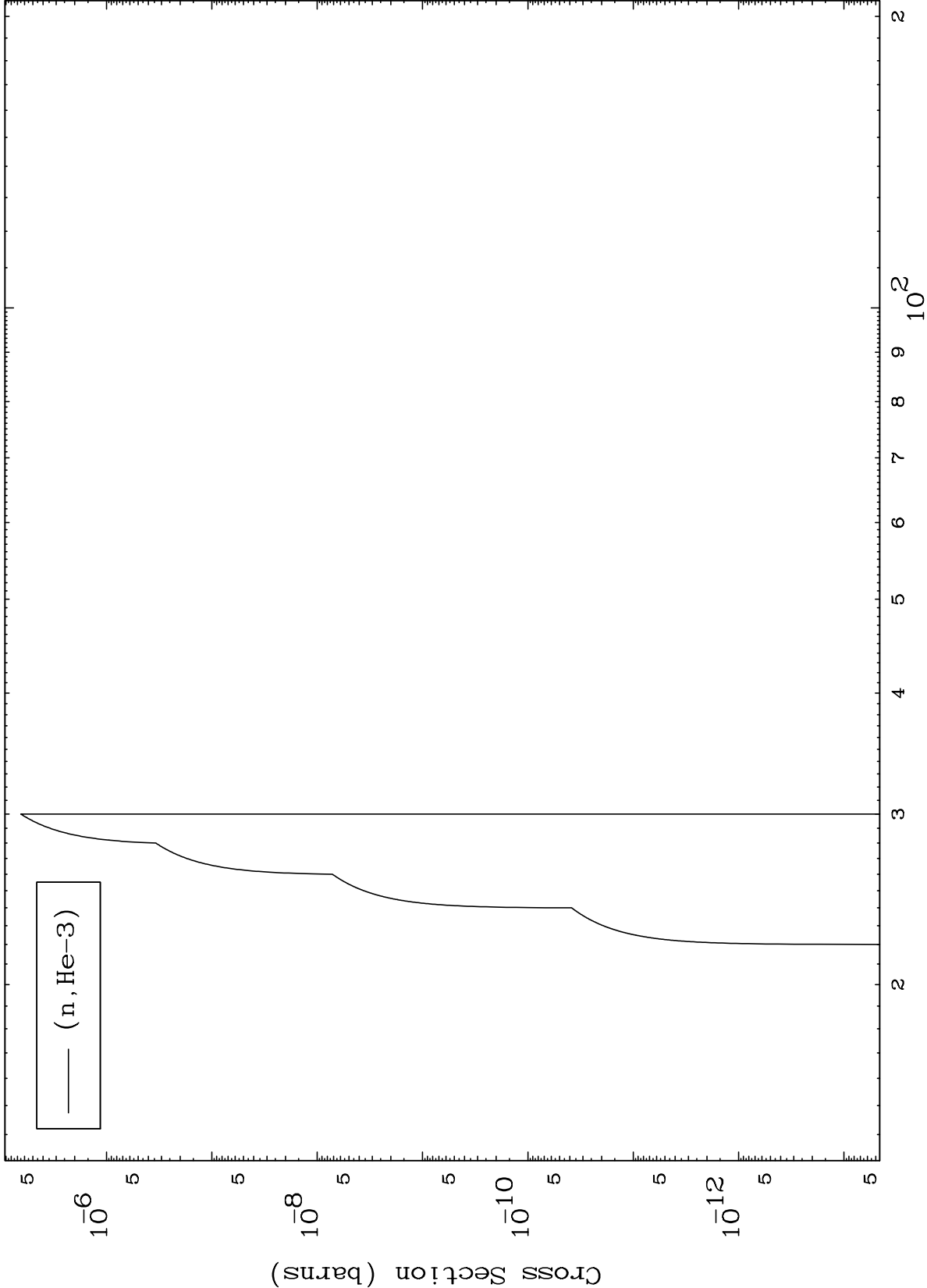
7

Incident Energy (MeV)

61-Pm-148



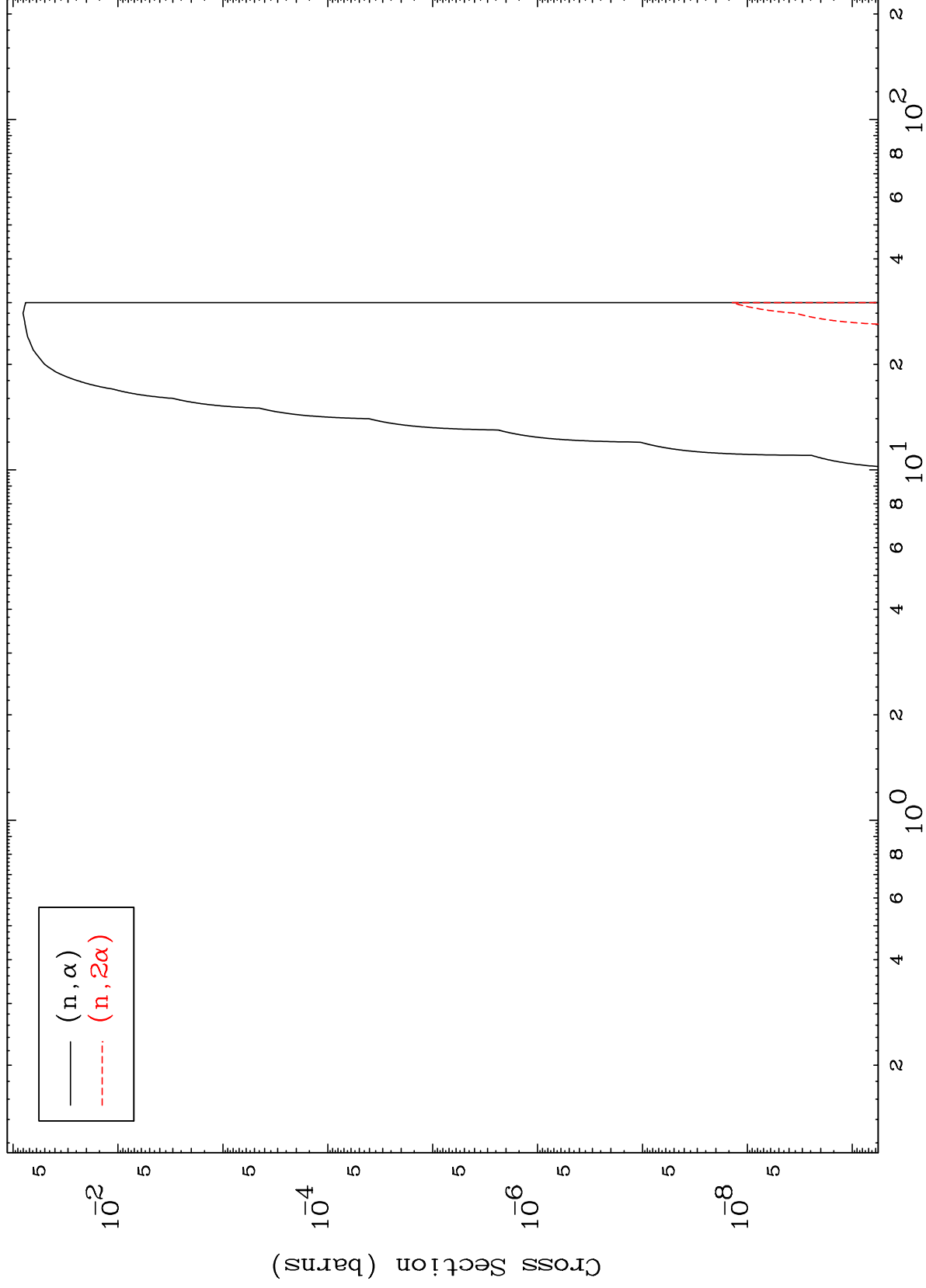
(α ,He3) Levels
0 Kelvin Cross Sections



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61-Pm-148

(α, α) Levels
0 Kelvin Cross Sections



61-Pm-148

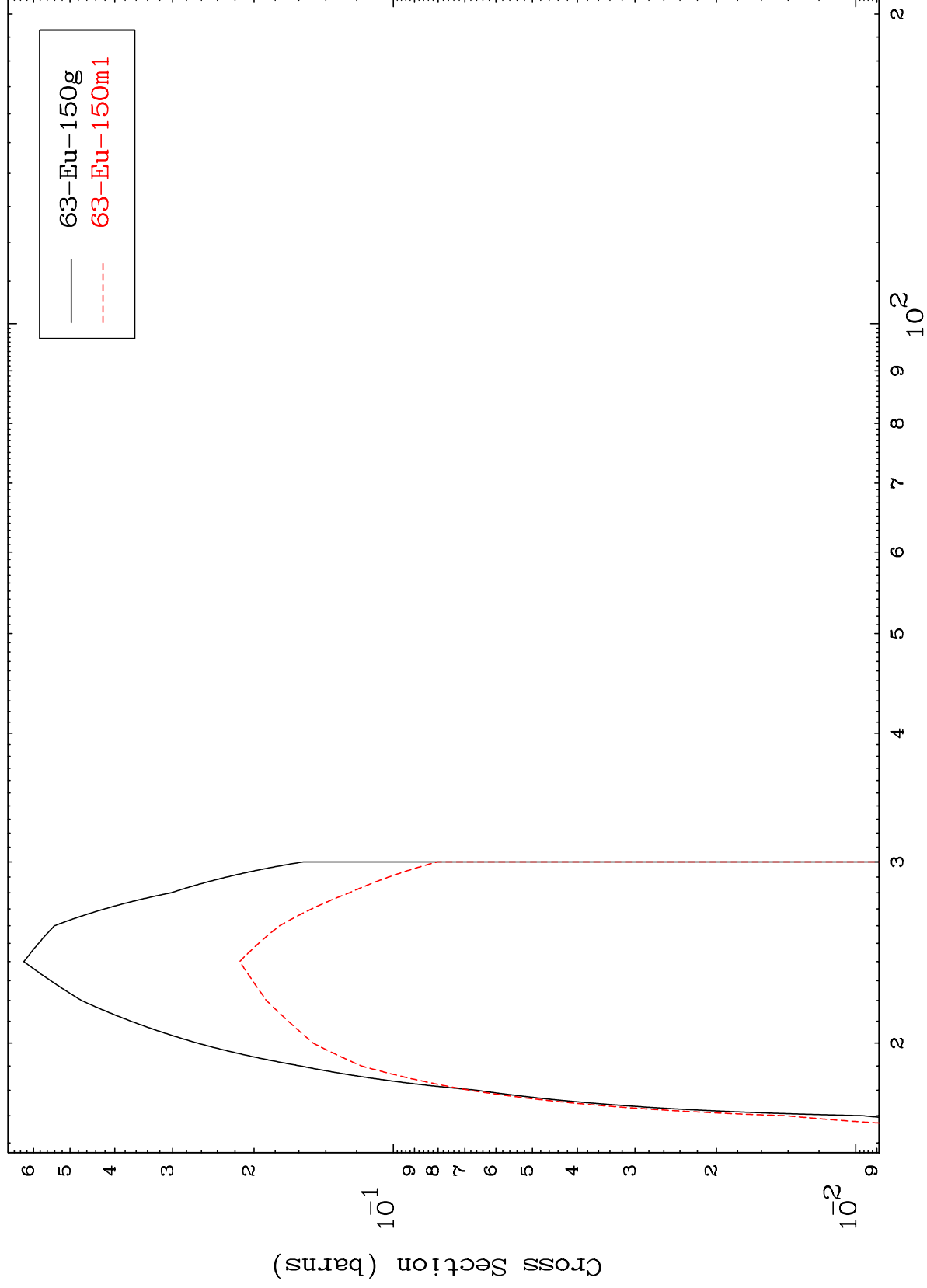
Incident Energy (MeV)

10

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61-Pm-148

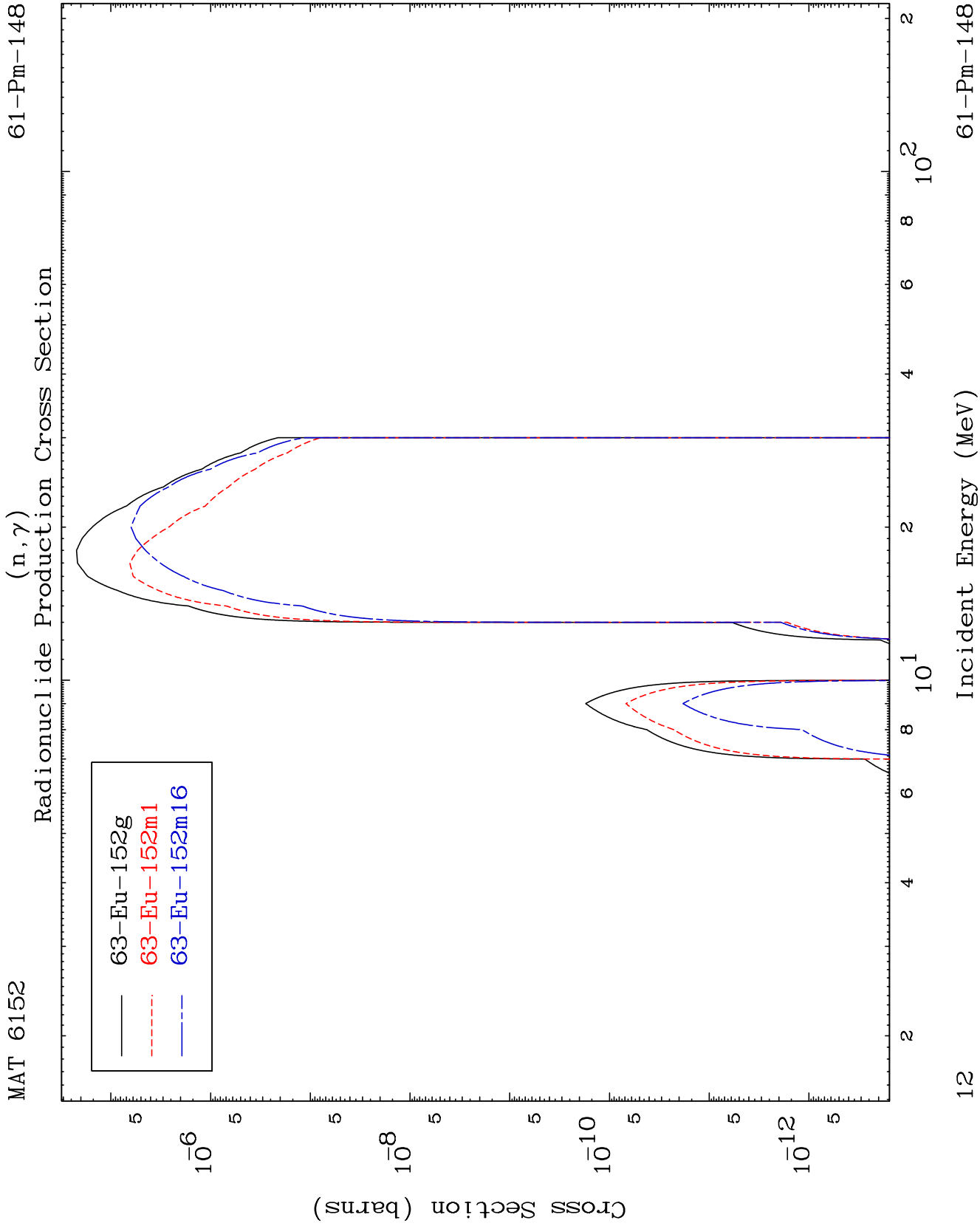
(n,2n)
Radionuclide Production Cross Section



61-Pm-148

Incident Energy (MeV)

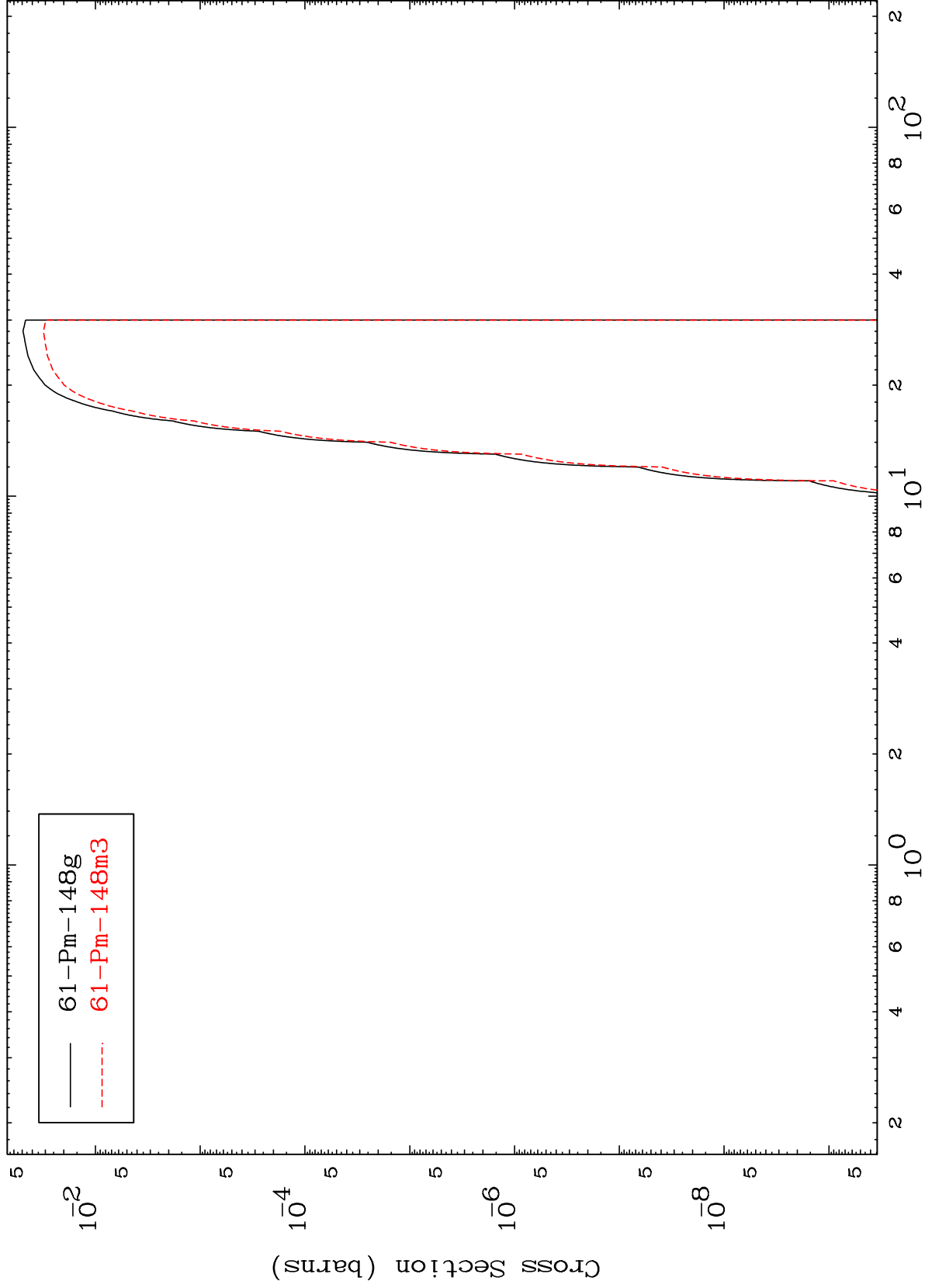
11



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Radionuclide Production Cross Section
(n, α)



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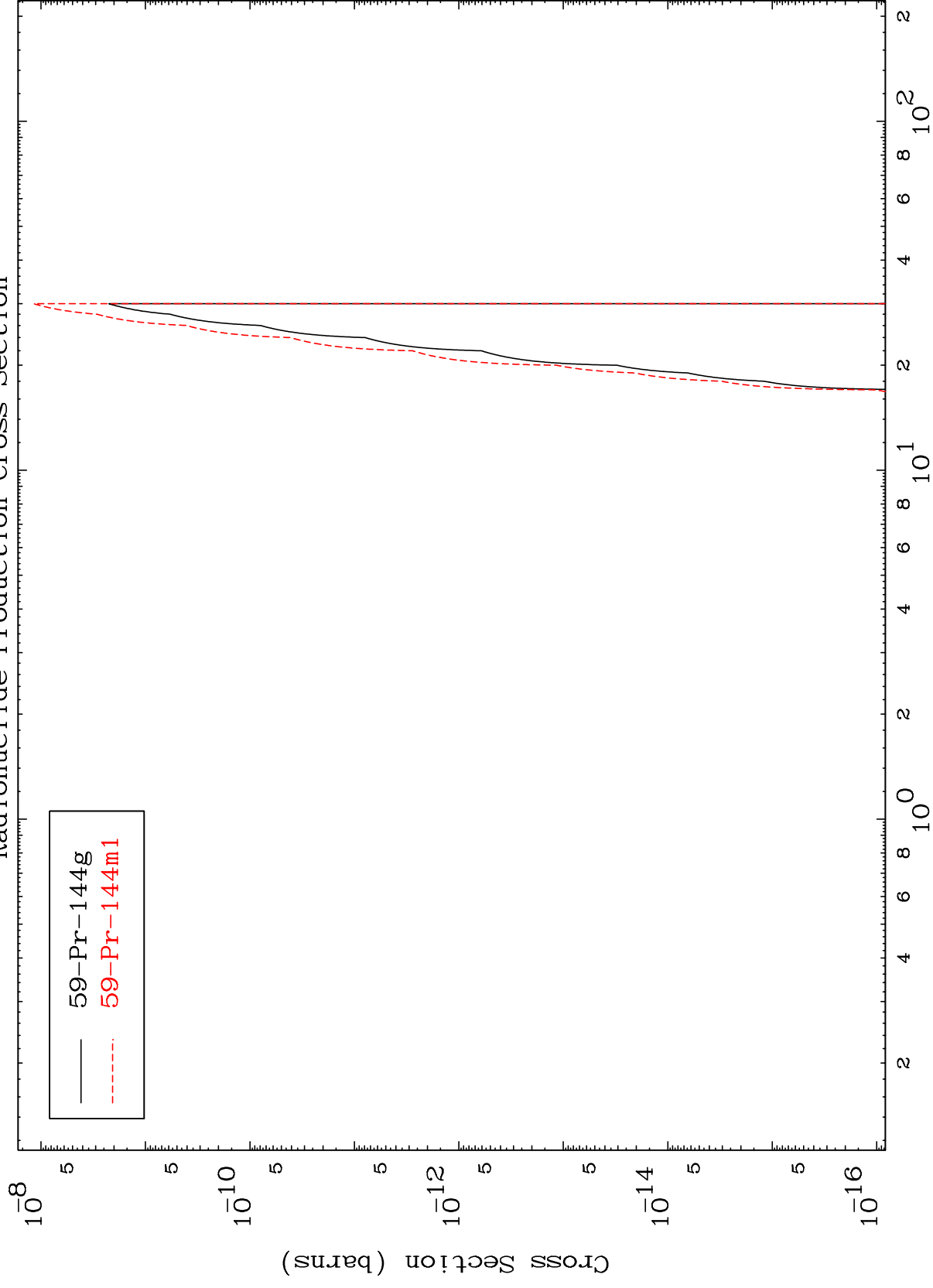
Incident Energy (MeV)

13

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 $(n, 2\alpha)$

Radionuclide Production Cross Section



61-Pm-148

Incident Energy (MeV)