

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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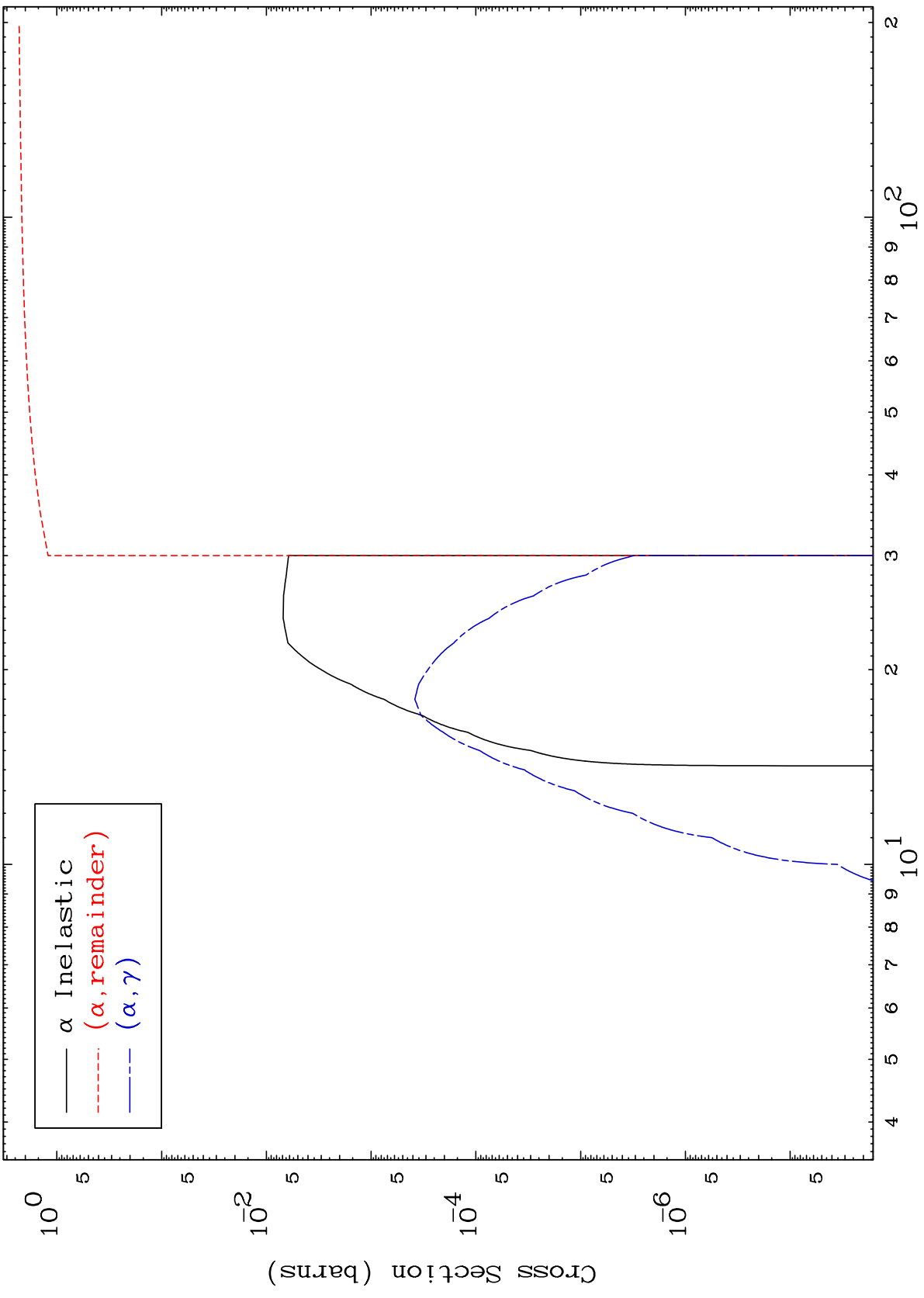
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

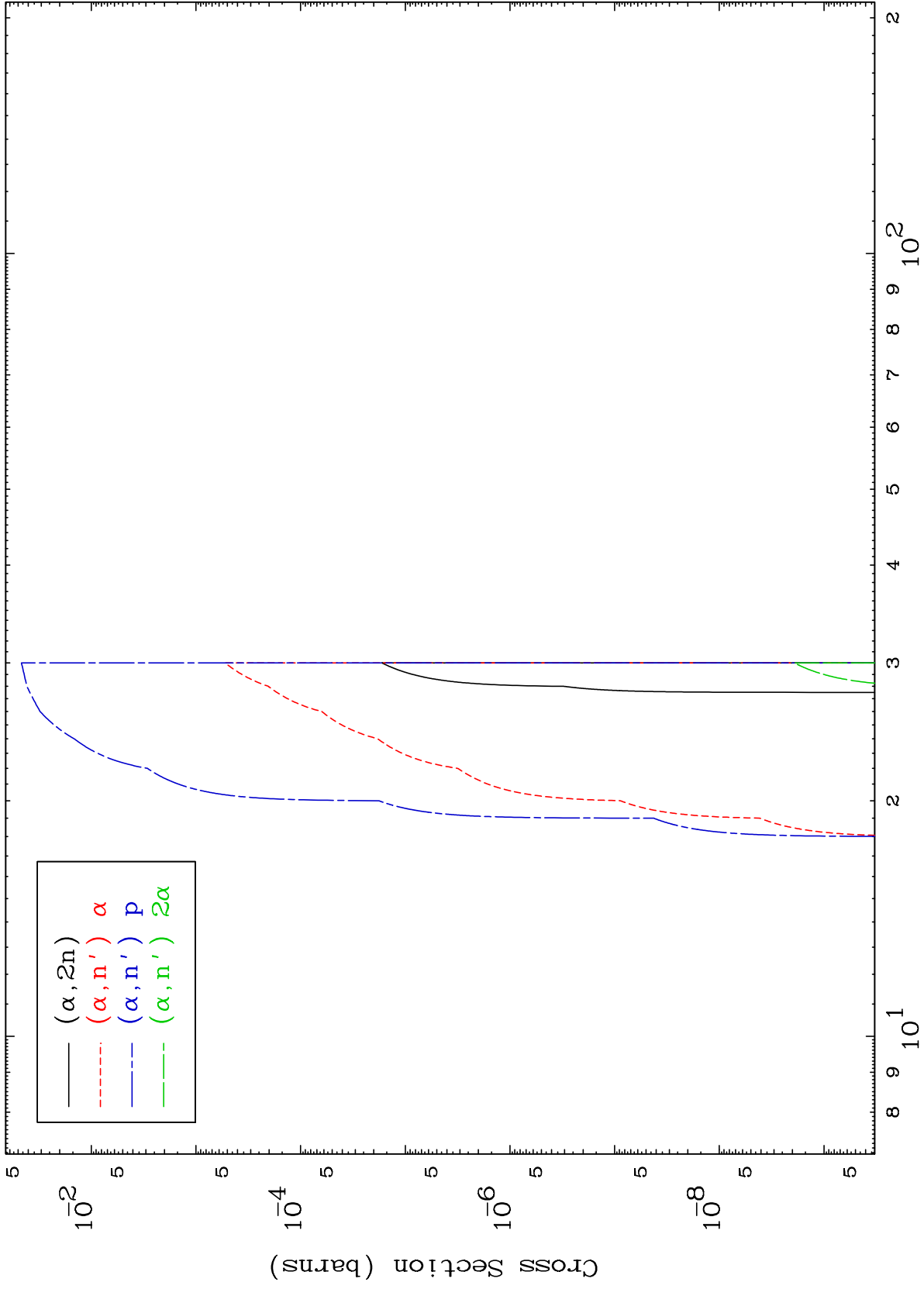
Web:redcullen1.net/HOMEPAGE.NEW

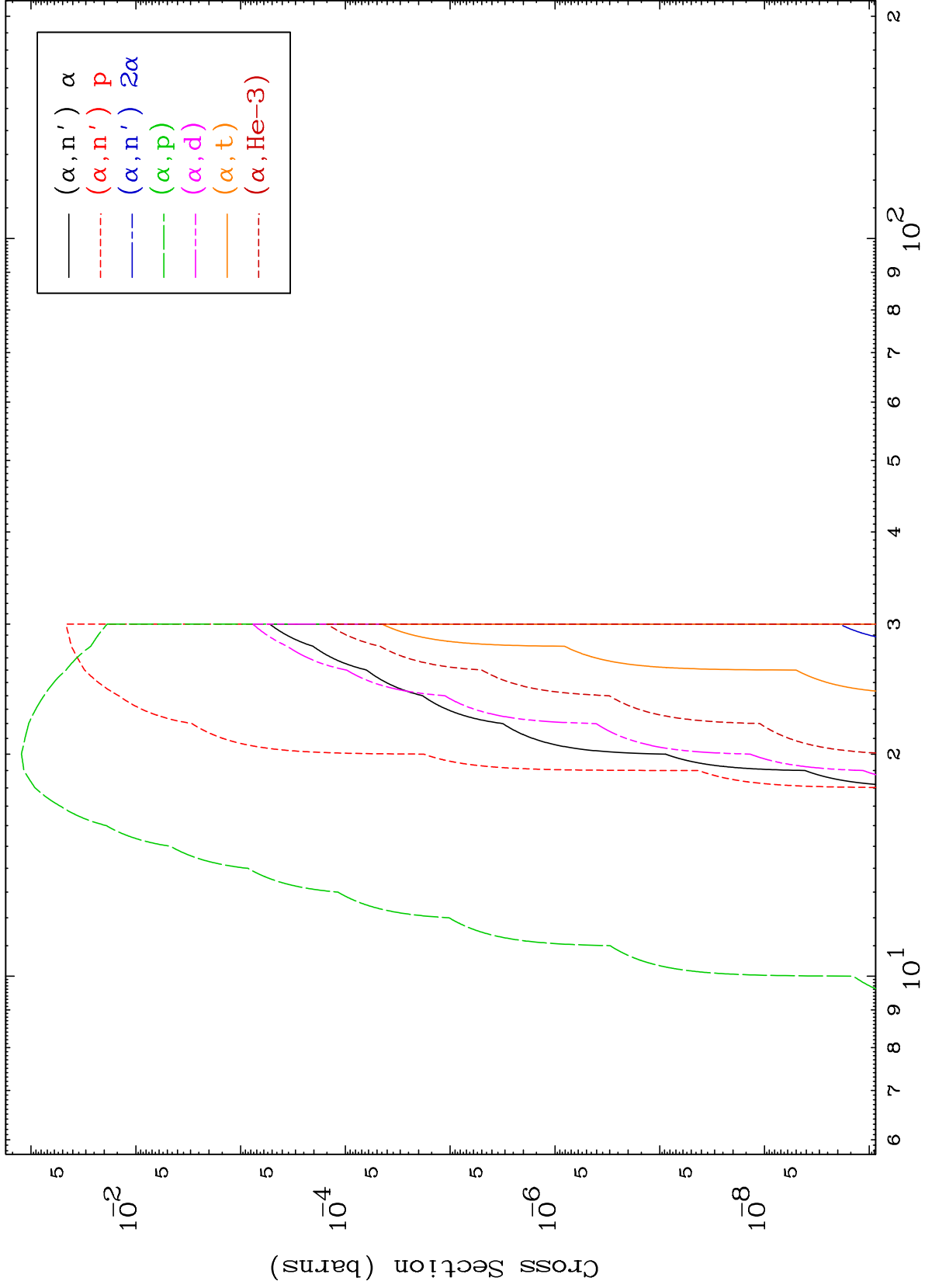
Press Mouse Button to Start

0 Kelvin Cross Sections



α Inelastic
(α , remainder)
(α , γ)

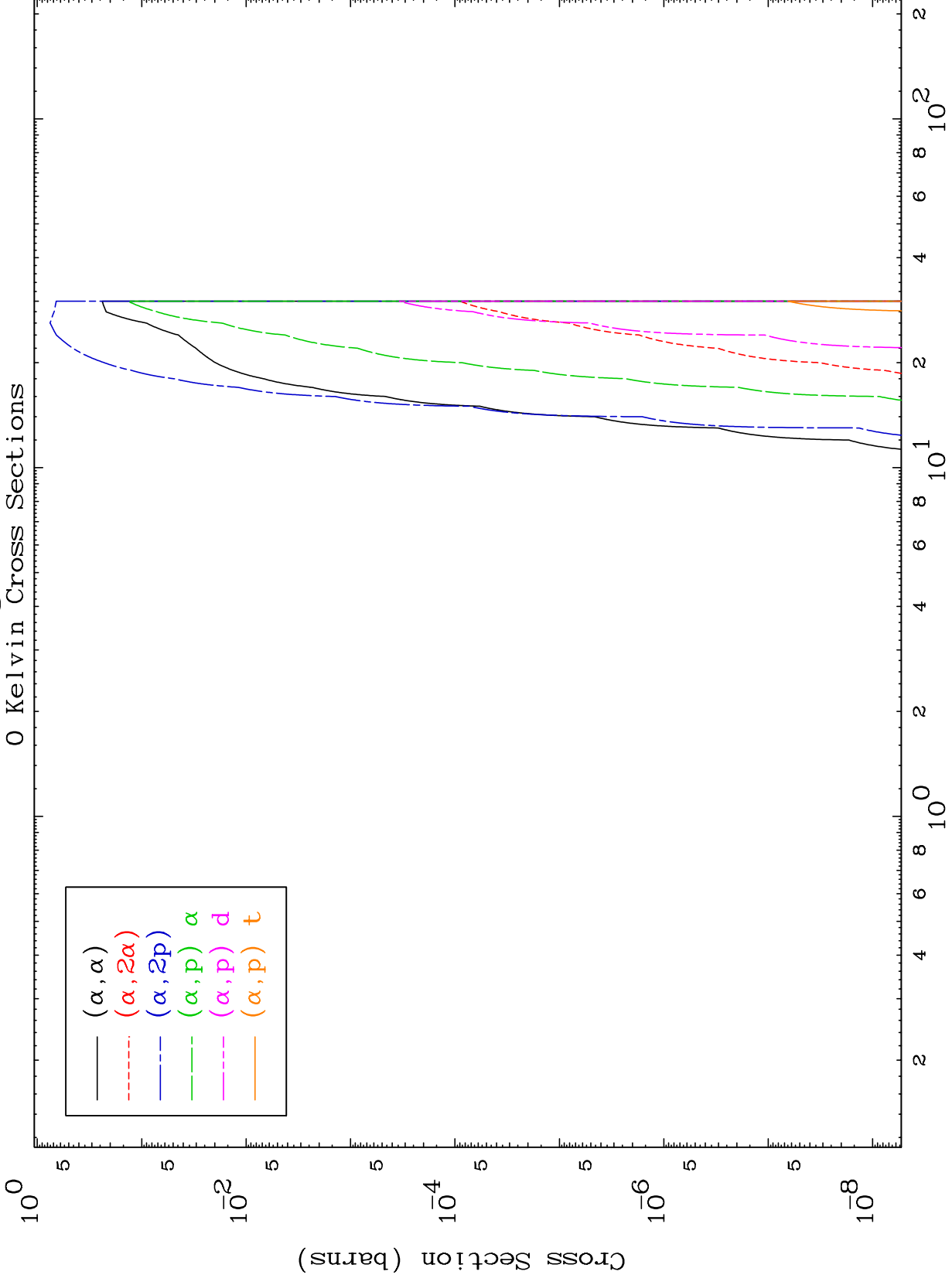




MAT 6192

α Charged Particle
0 Kelvin Cross Sections

62-Sm-133

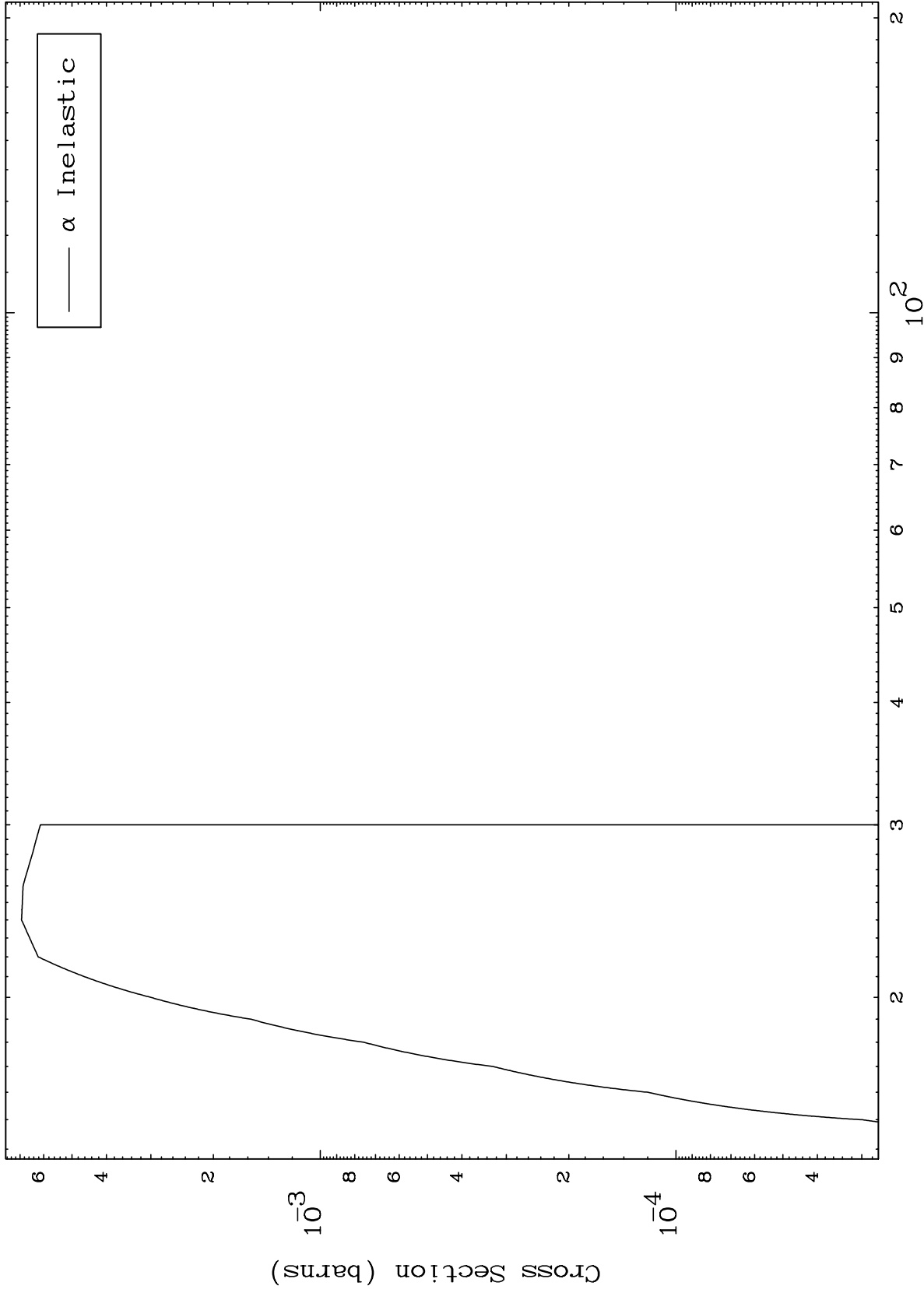


MAT 6192

(α, n') Level

62-Sm-133

0 Kelvin Cross Sections



Incident Energy (MeV)

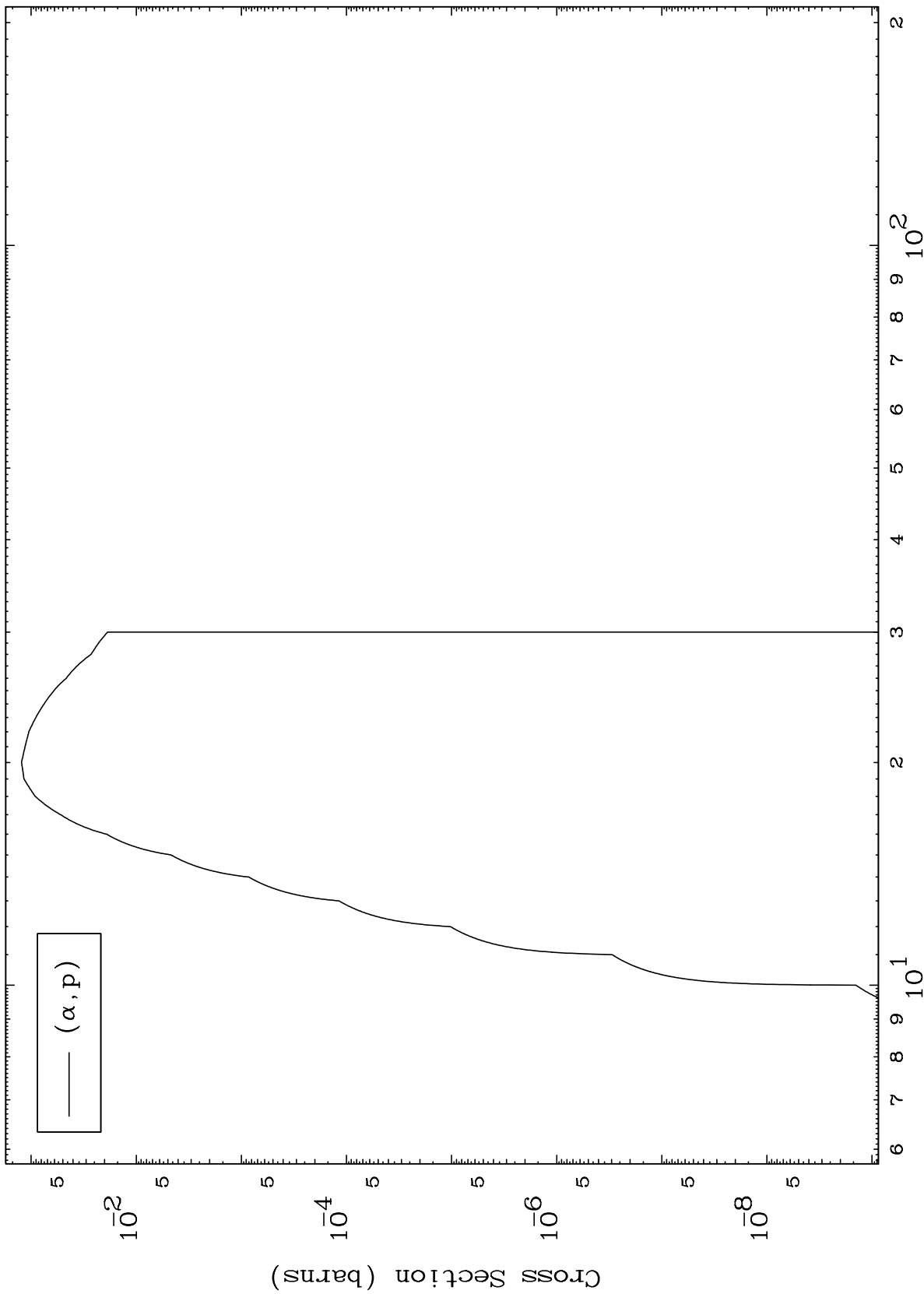
62-Sm-133

5

MAT 6192

62-Sm-133

(α, p) Levels
0 Kelvin Cross Sections



(α, p)

62-Sm-133

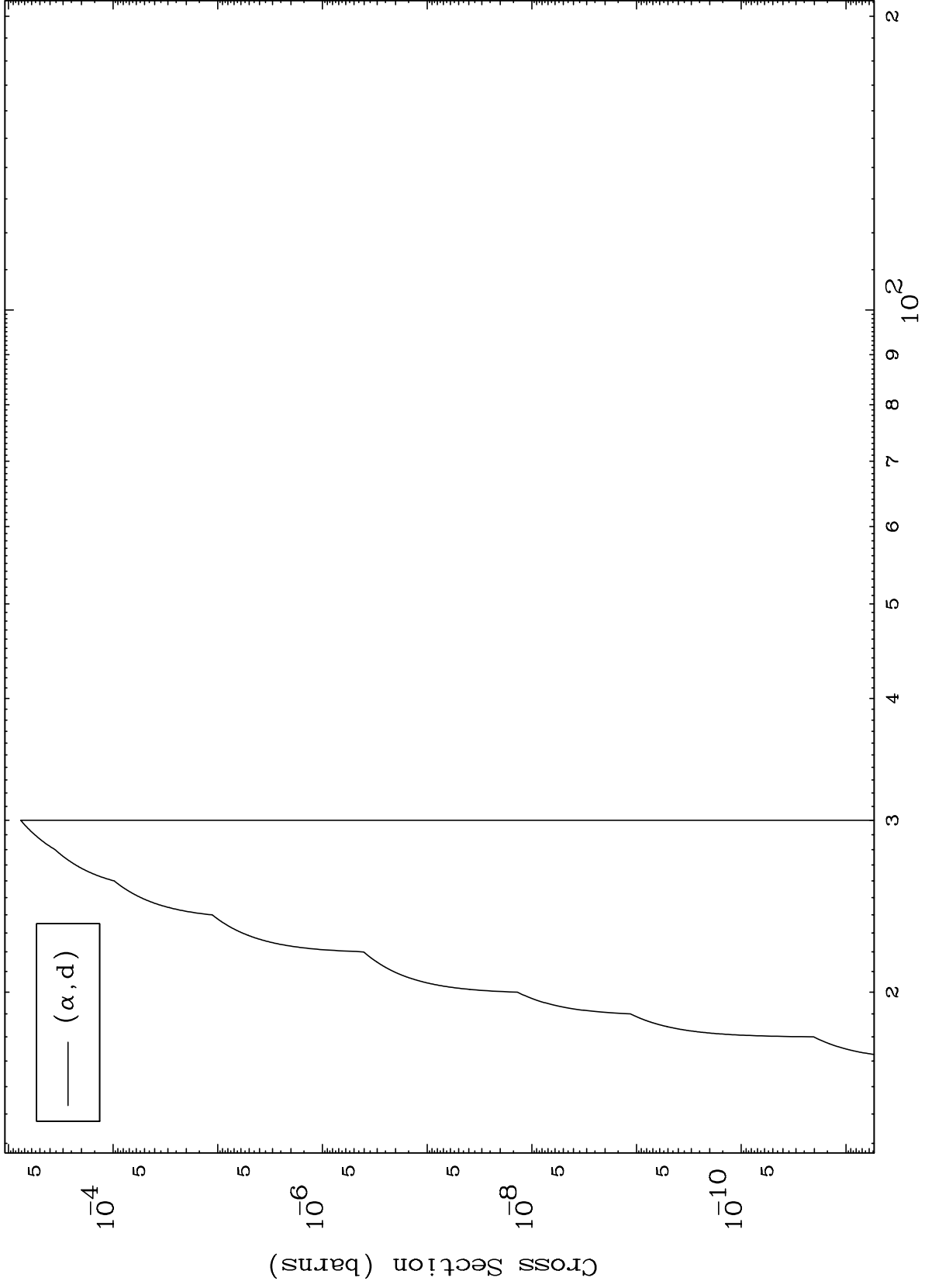
Incident Energy (MeV)

6

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(α, d) Levels
0 Kelvin Cross Sections

62-Sm-133



7

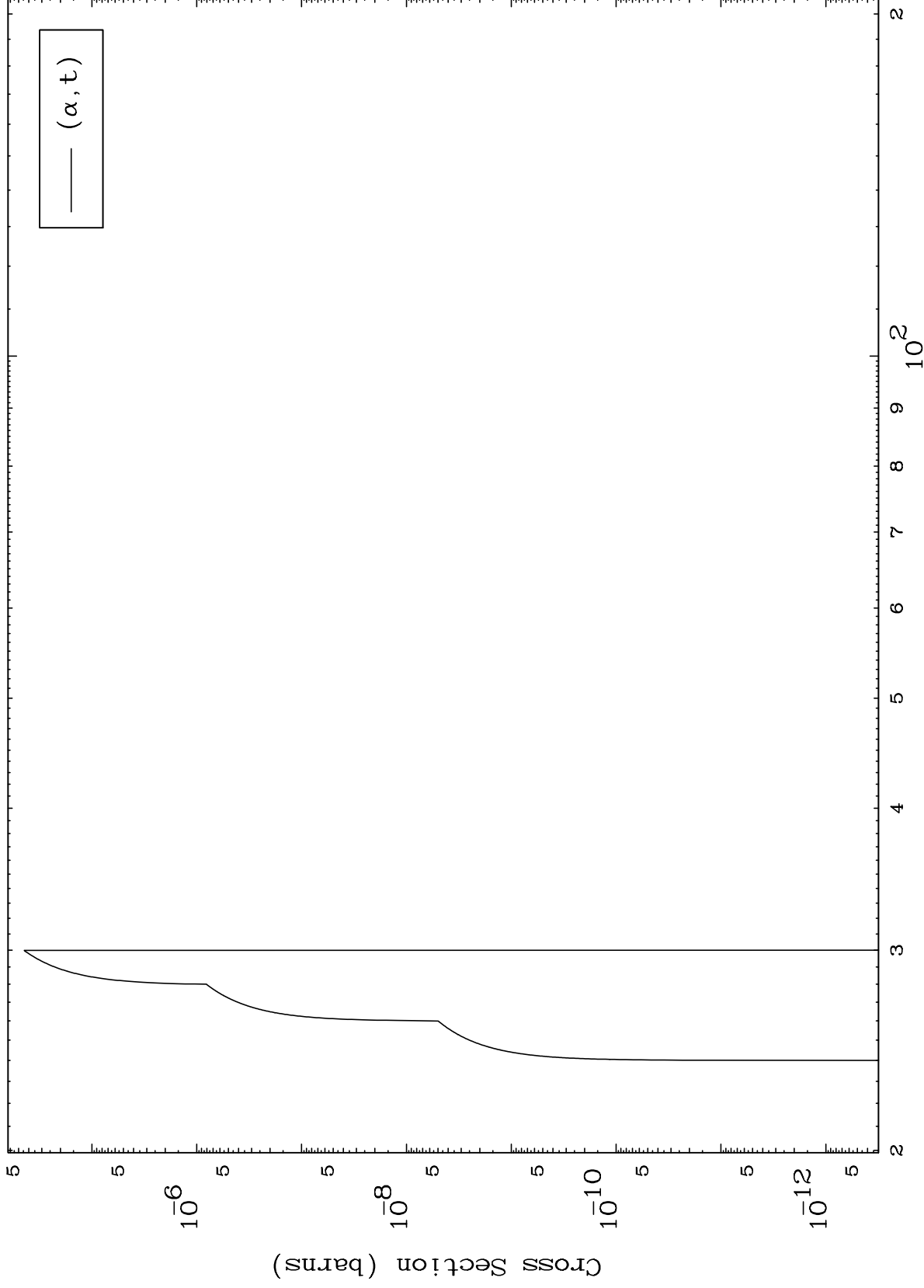
Incident Energy (MeV)

62-Sm-133

MAT 6192

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-133



8

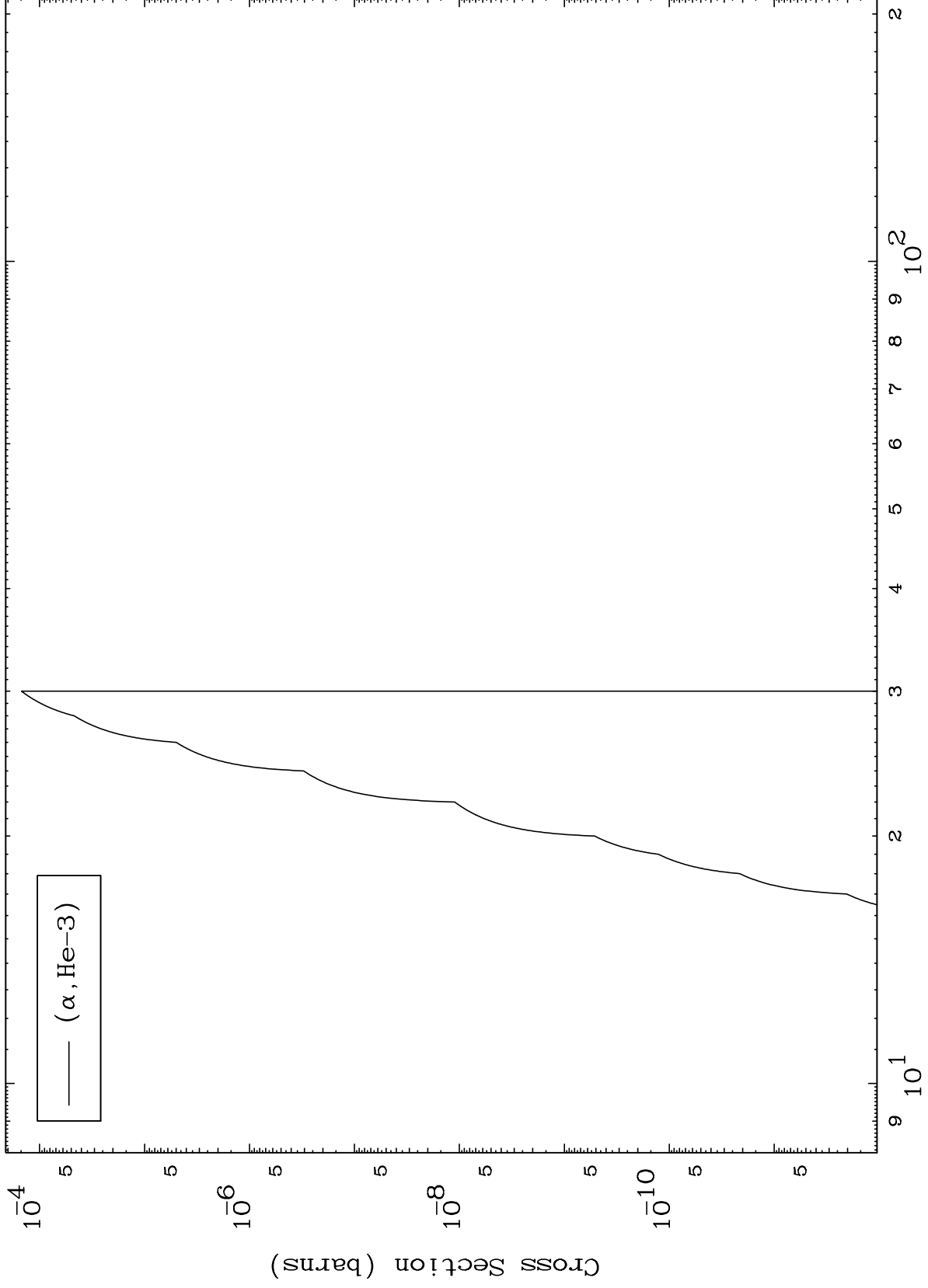
Incident Energy (MeV)

62-Sm-133

MAT 6192

62-Sm-133

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



9

Incident Energy (MeV)

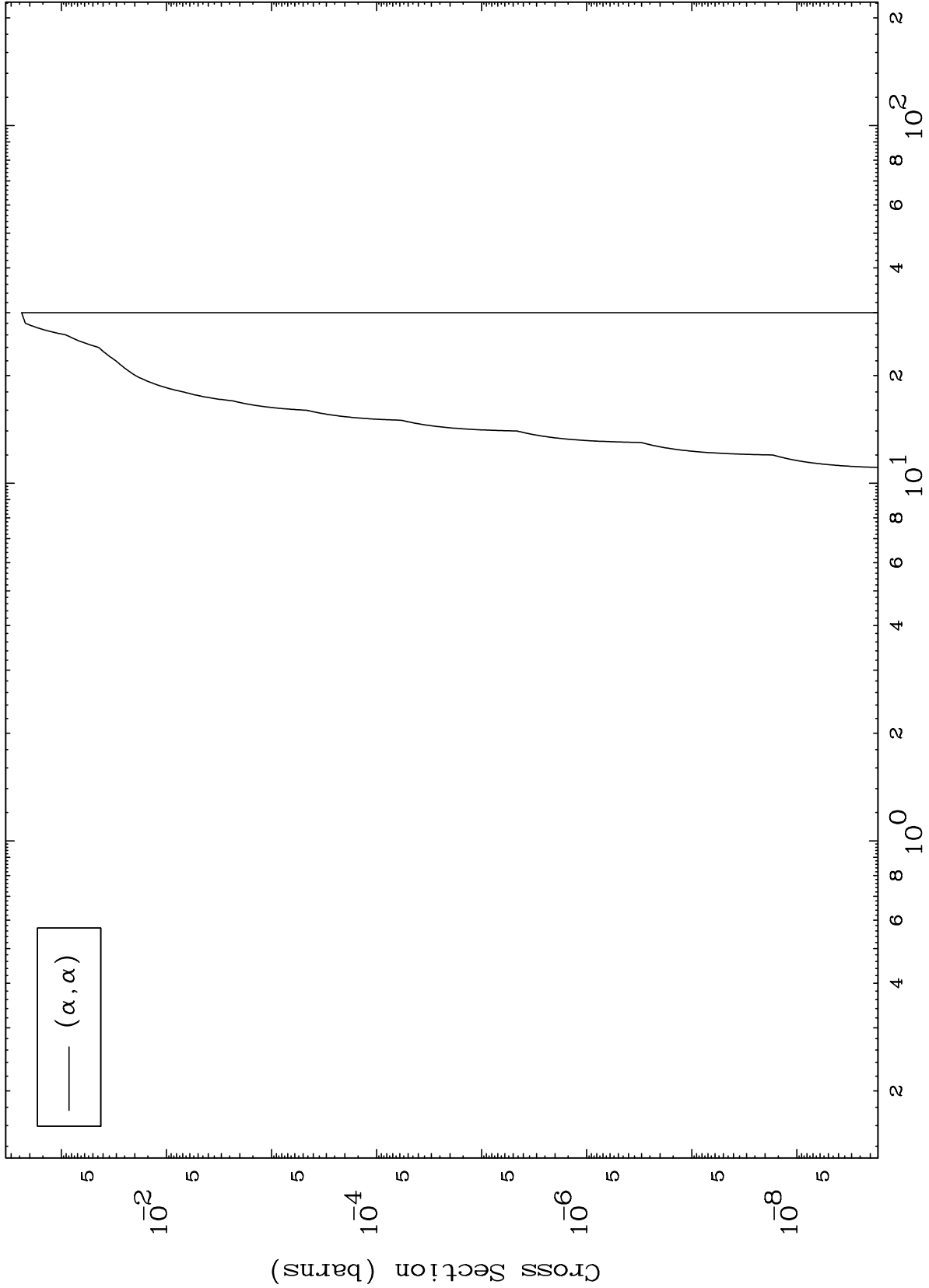
62-Sm-133

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(α, α) Levels

62-Sm-133

0 Kelvin Cross Sections



(α, α)

10

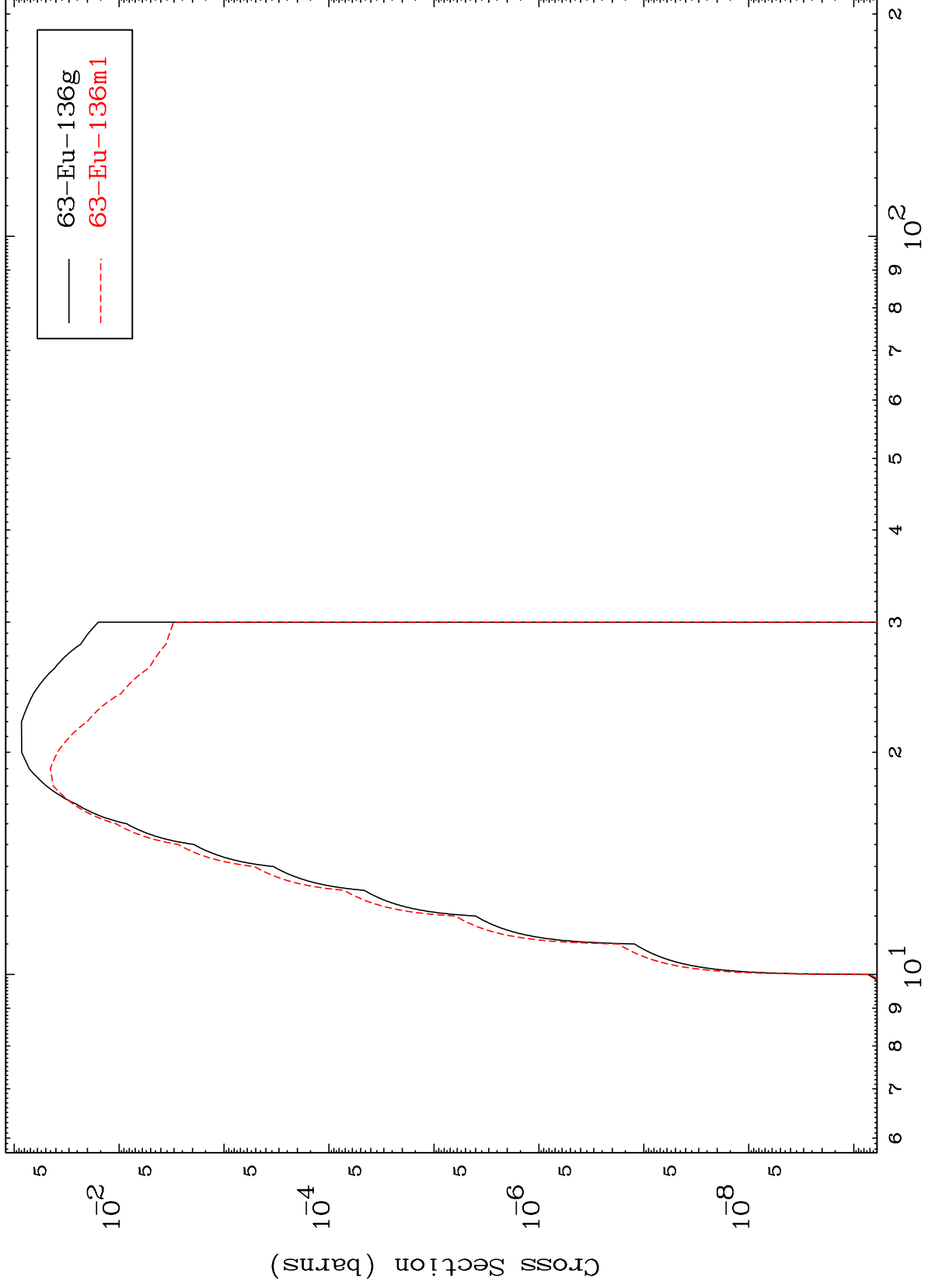
Incident Energy (MeV)

62-Sm-133

MAT 6192

62-Sm-133

(α, p)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

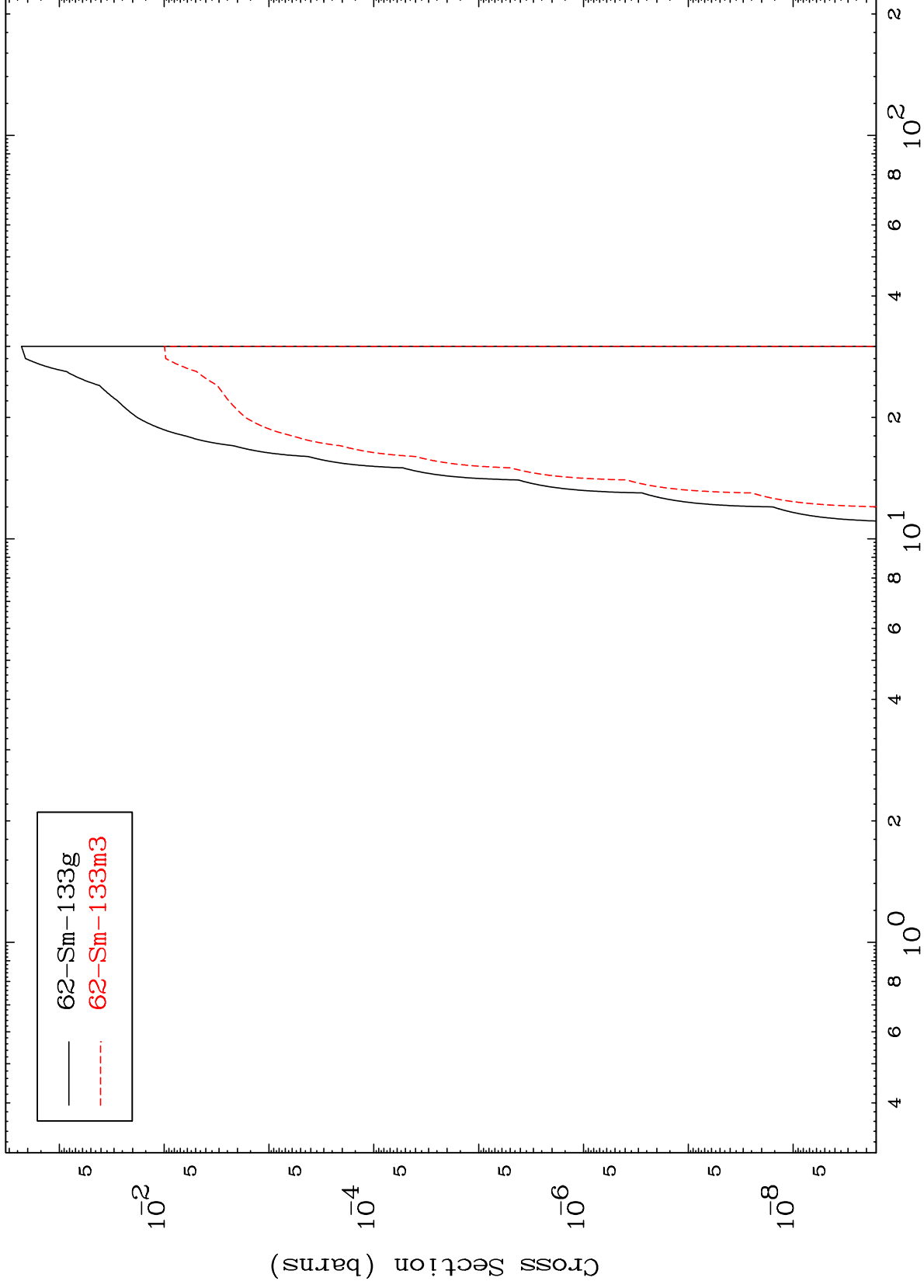
62-Sm-133

MAT 6192

(α, α)

62-Sm-133

Radionuclide Production Cross Section



12

Incident Energy (MeV)

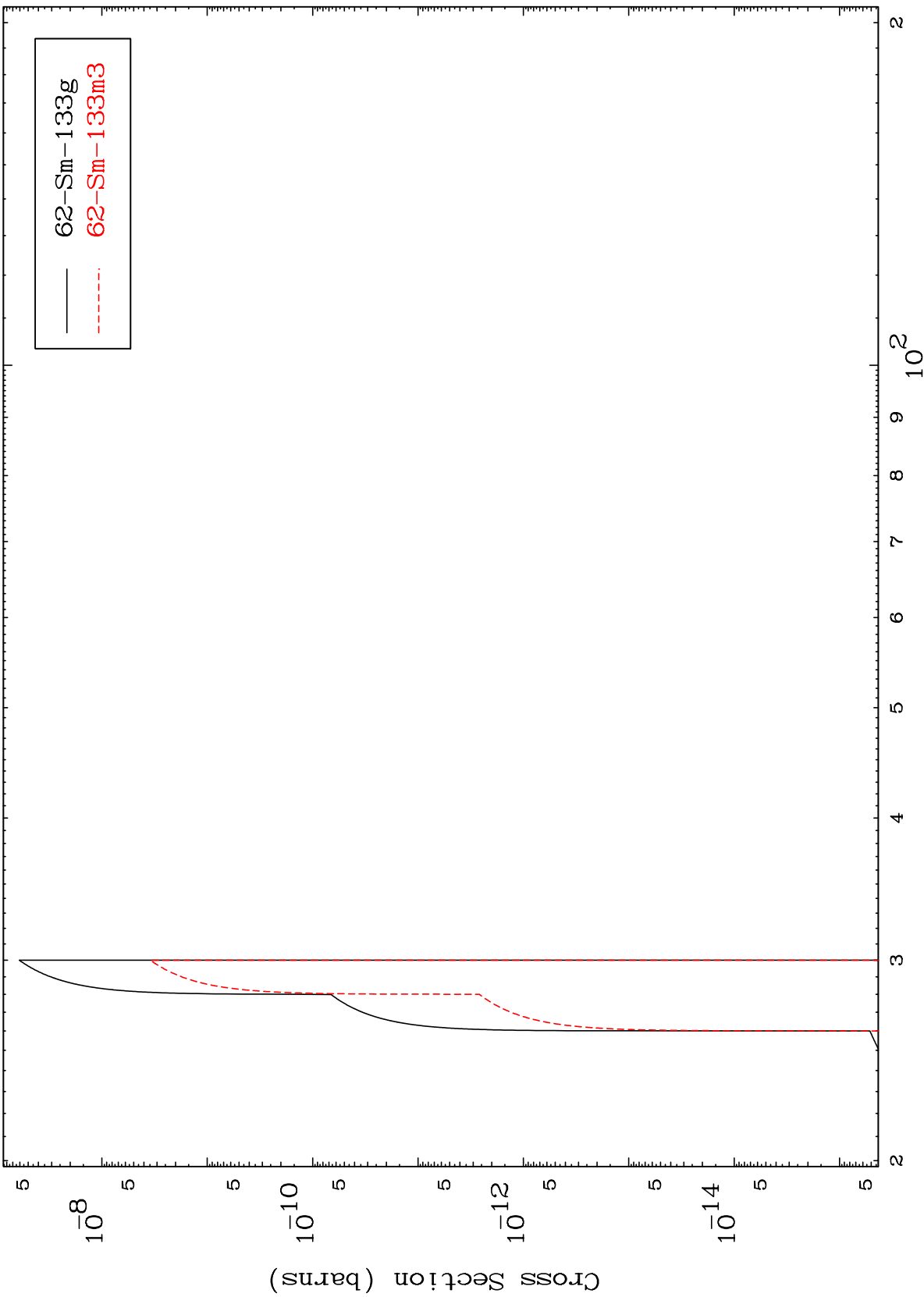
62-Sm-133

MAT 6192

(α, p) t

$^{62}\text{Sm}-133$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

$^{62}\text{Sm}-133$