

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

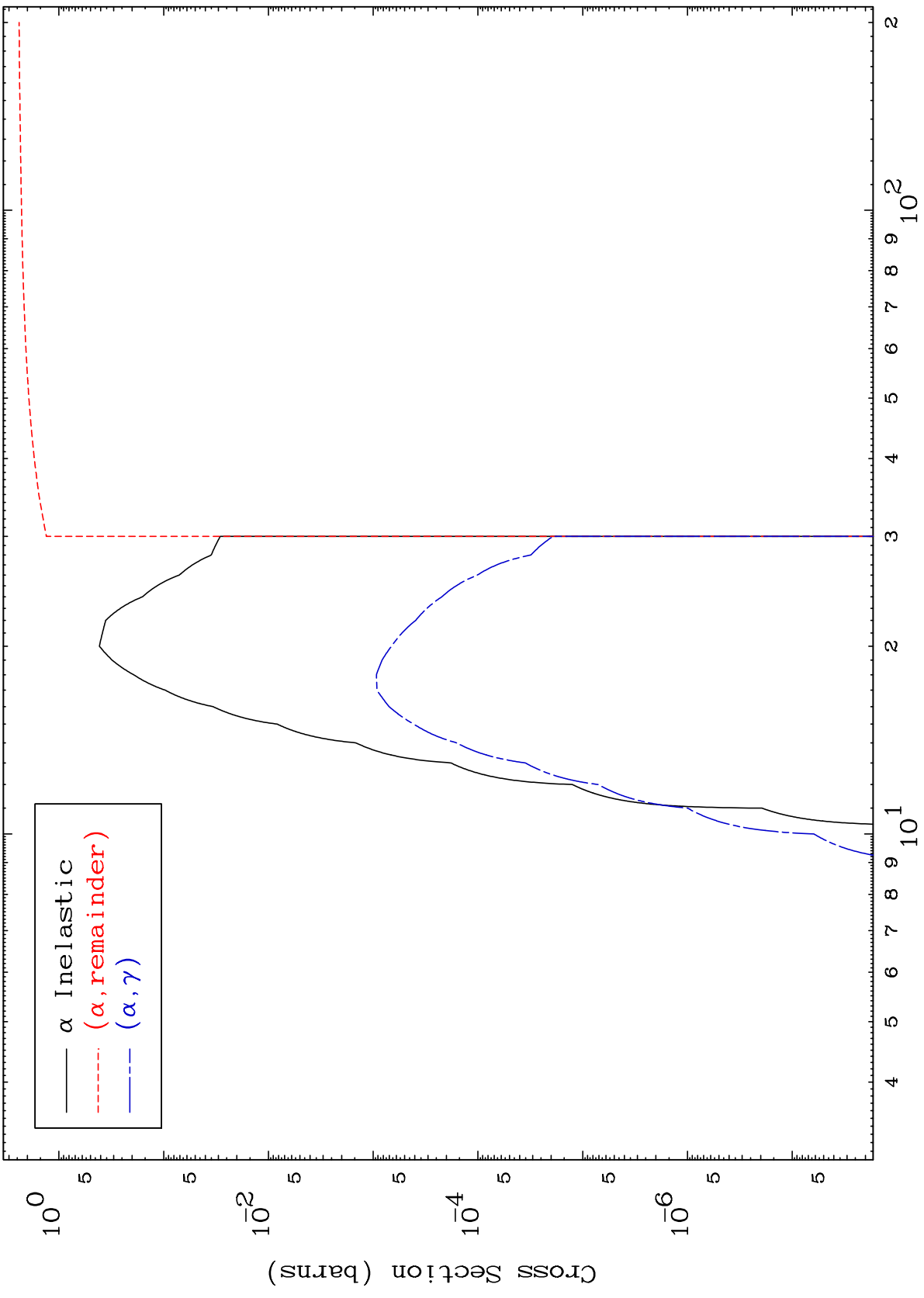
Press Mouse Button to Start

MAT 6228

α Major

62-Sm-145

0 Kelvin Cross Sections



α Inelastic
 $\alpha, \text{remainder}$
 α, γ

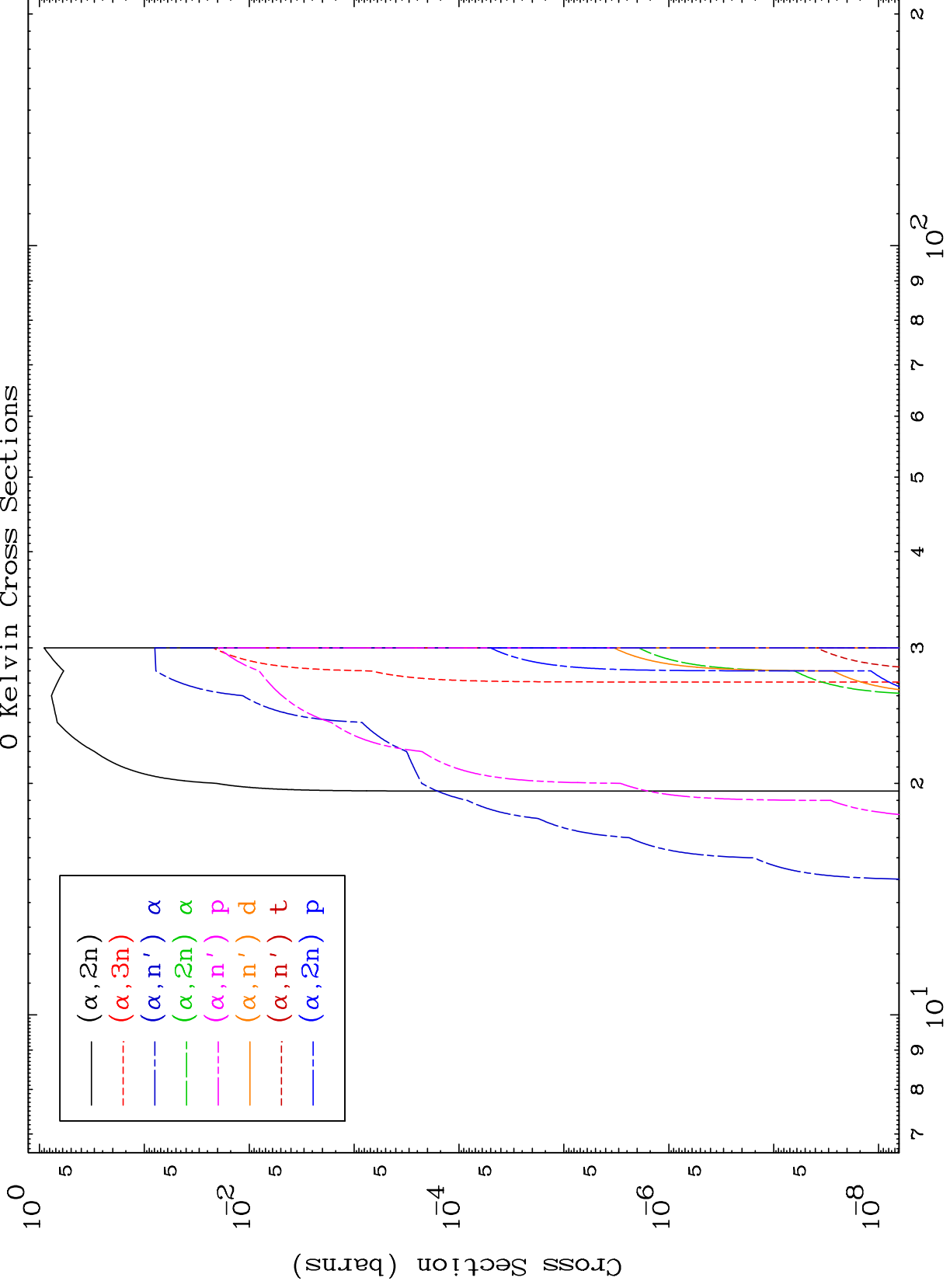
62-Sm-145

Incident Energy (MeV)

MAT 6228

α Neutron Production
0 Kelvin Cross Sections

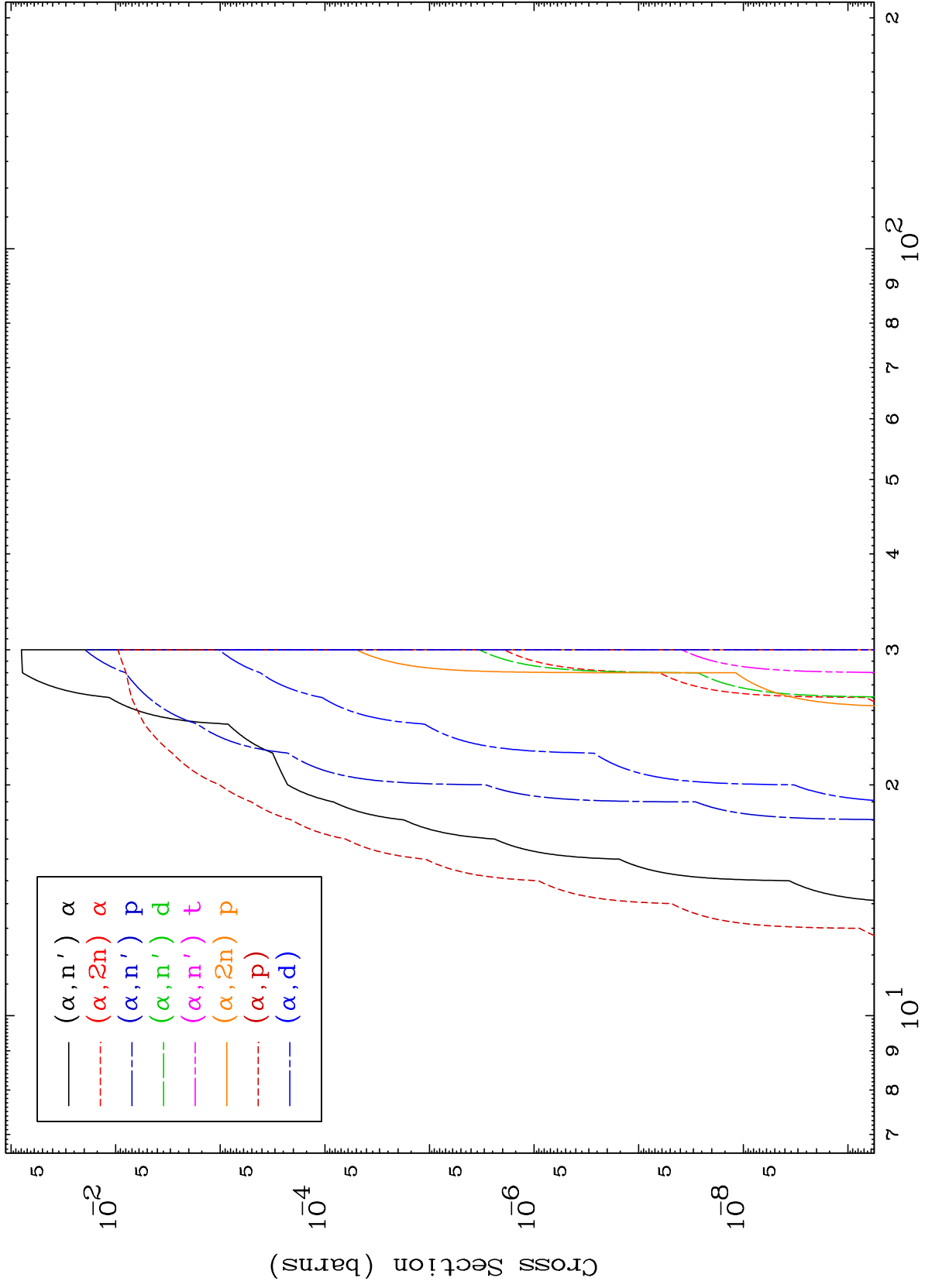
62-Sm-145



2

Incident Energy (MeV)

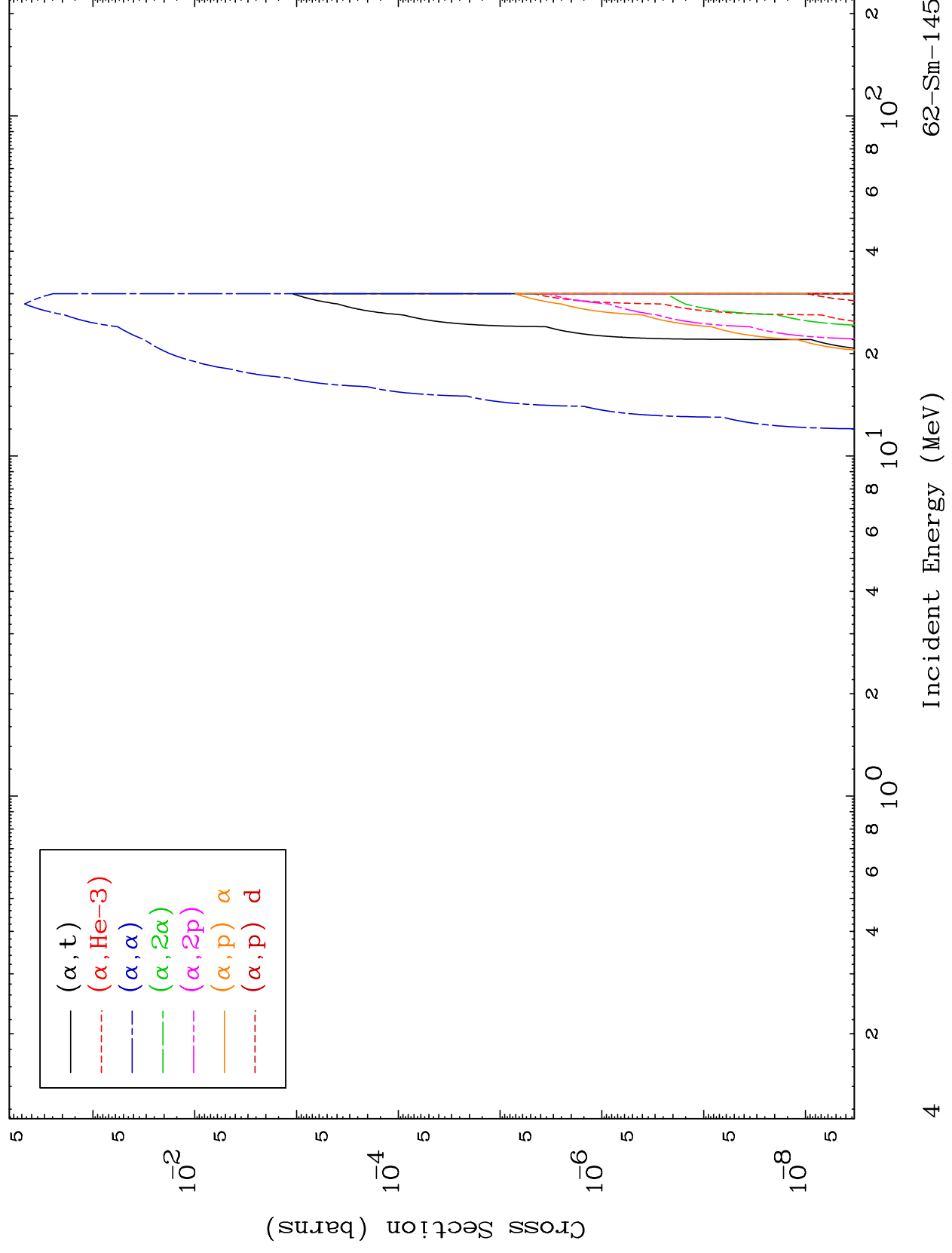
62-Sm-145



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α Charged Particle
0 Kelvin Cross Sections

62-Sm-145

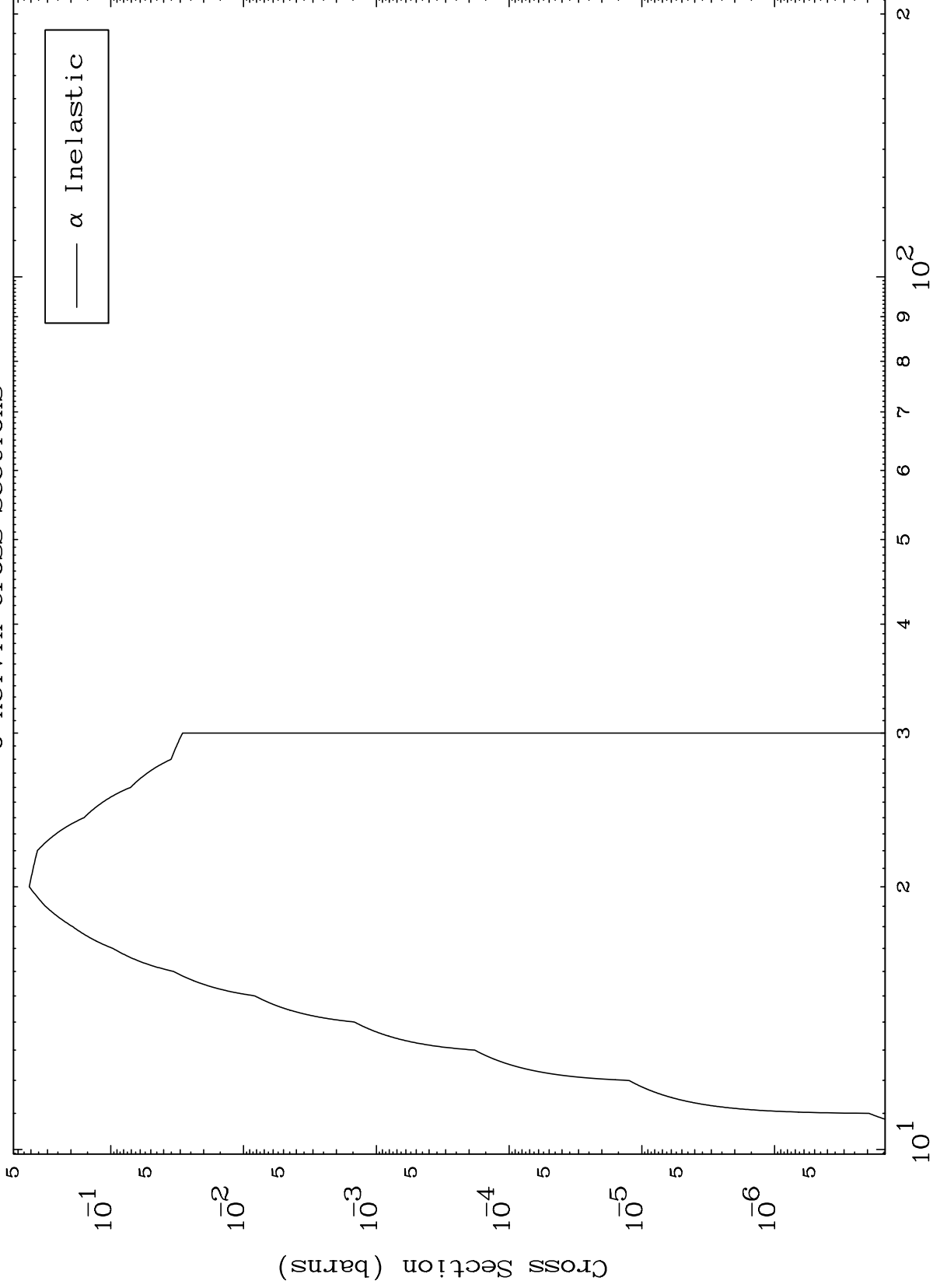


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(α, n') Level

62-Sm-145

0 Kelvin Cross Sections



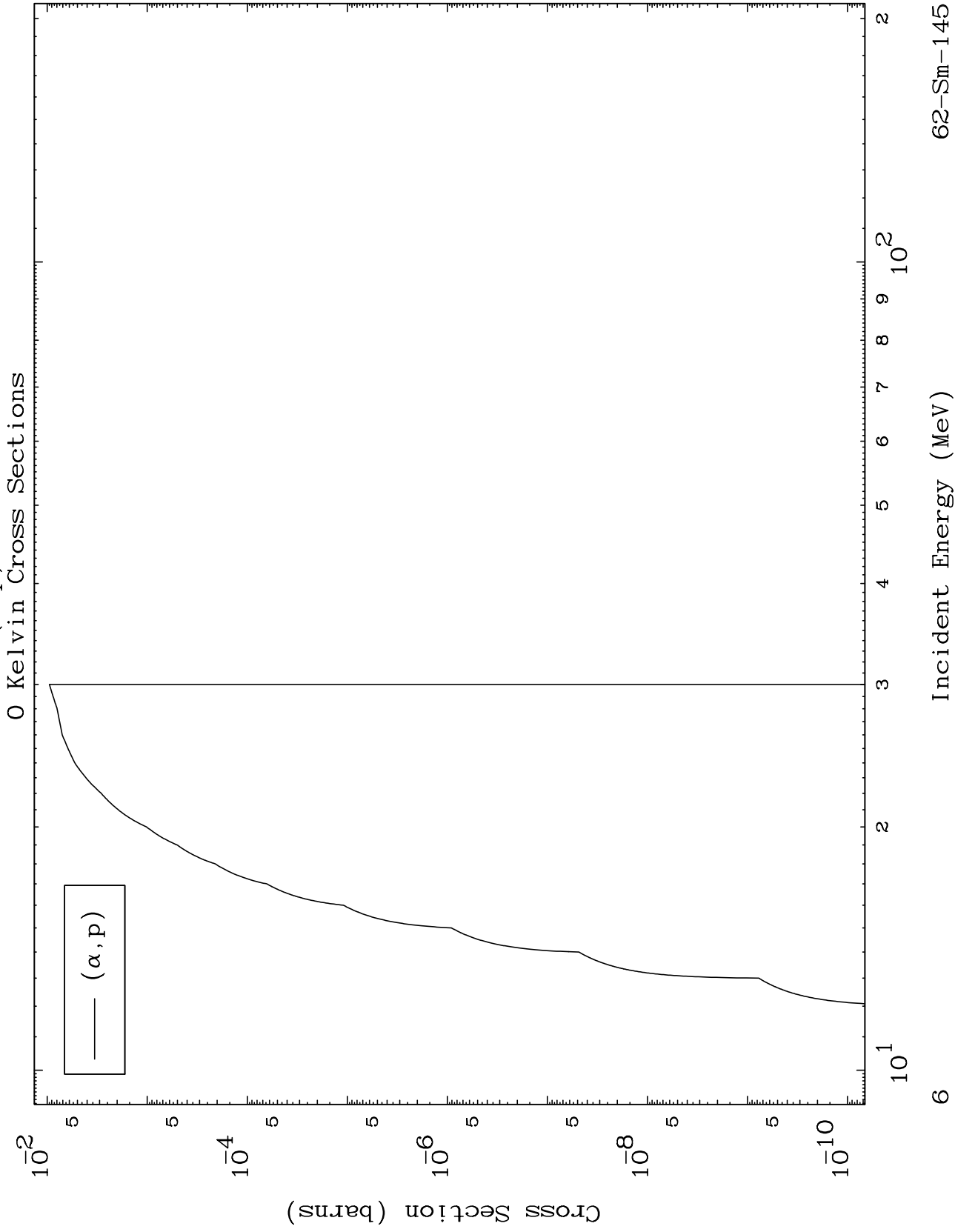
Incident Energy (MeV)

62-Sm-145

MAT 6228

(α, p) Levels

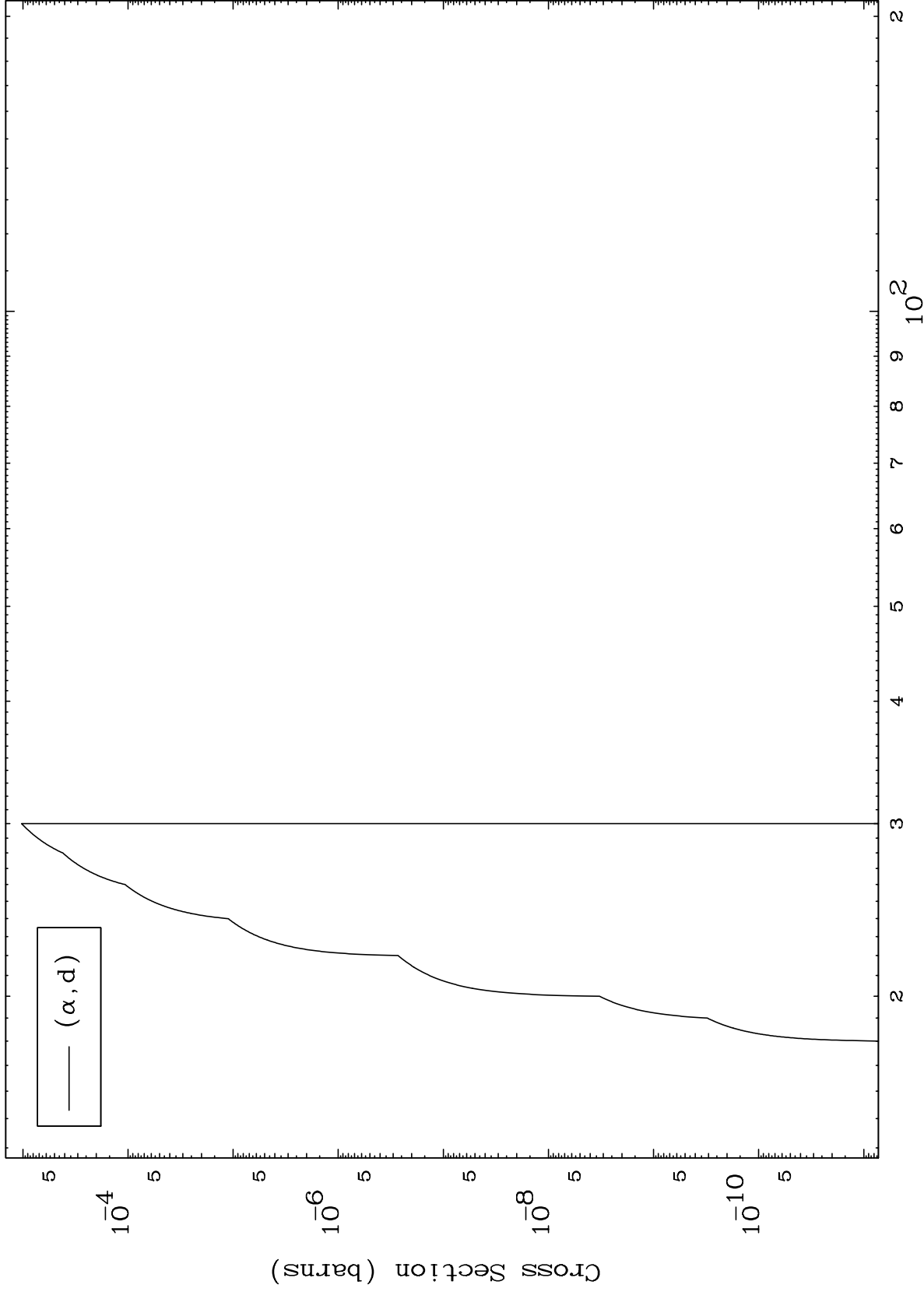
62-Sm-145



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(α, d) Levels
0 Kelvin Cross Sections

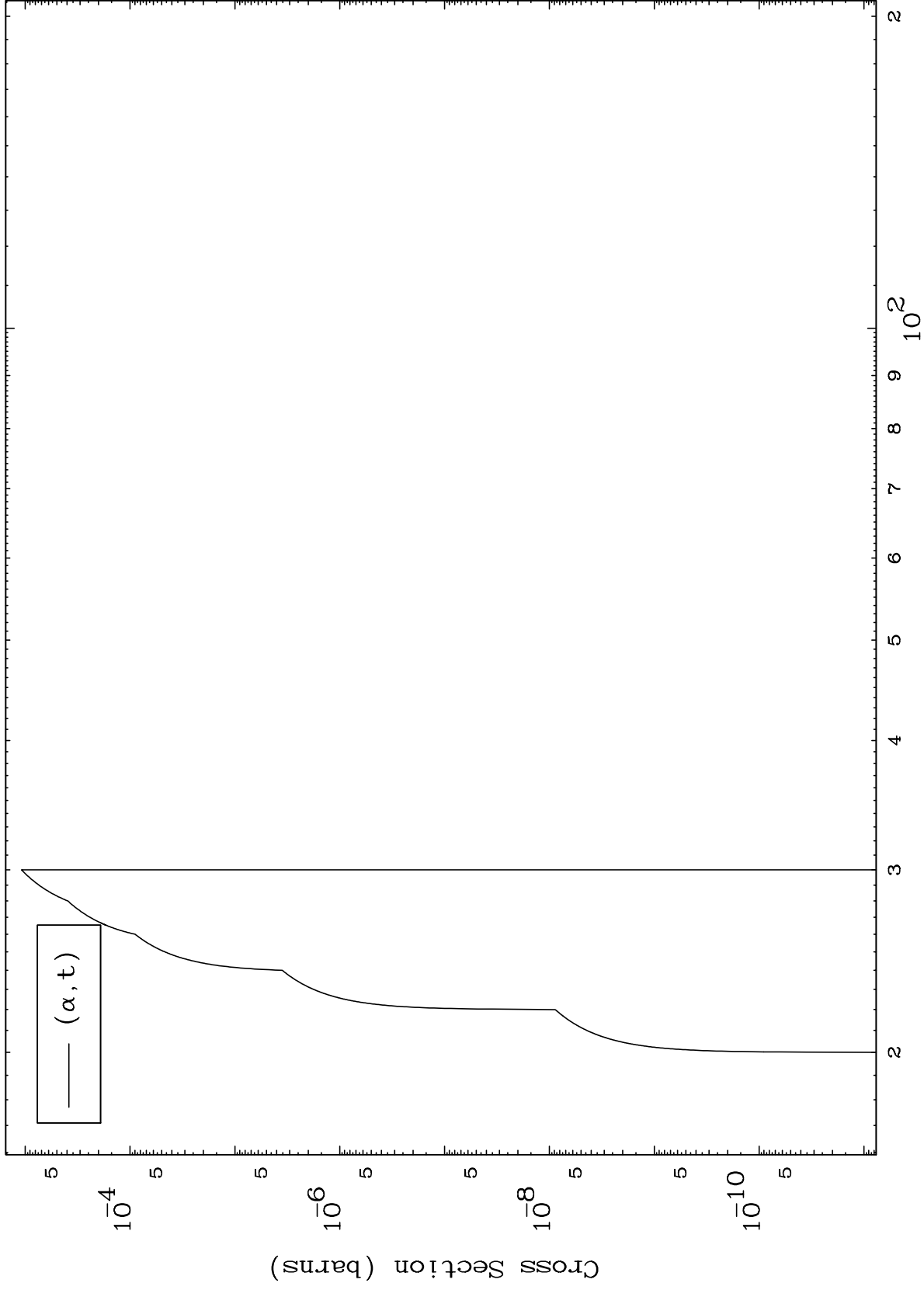
62-Sm-145



MAT 6228

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-145

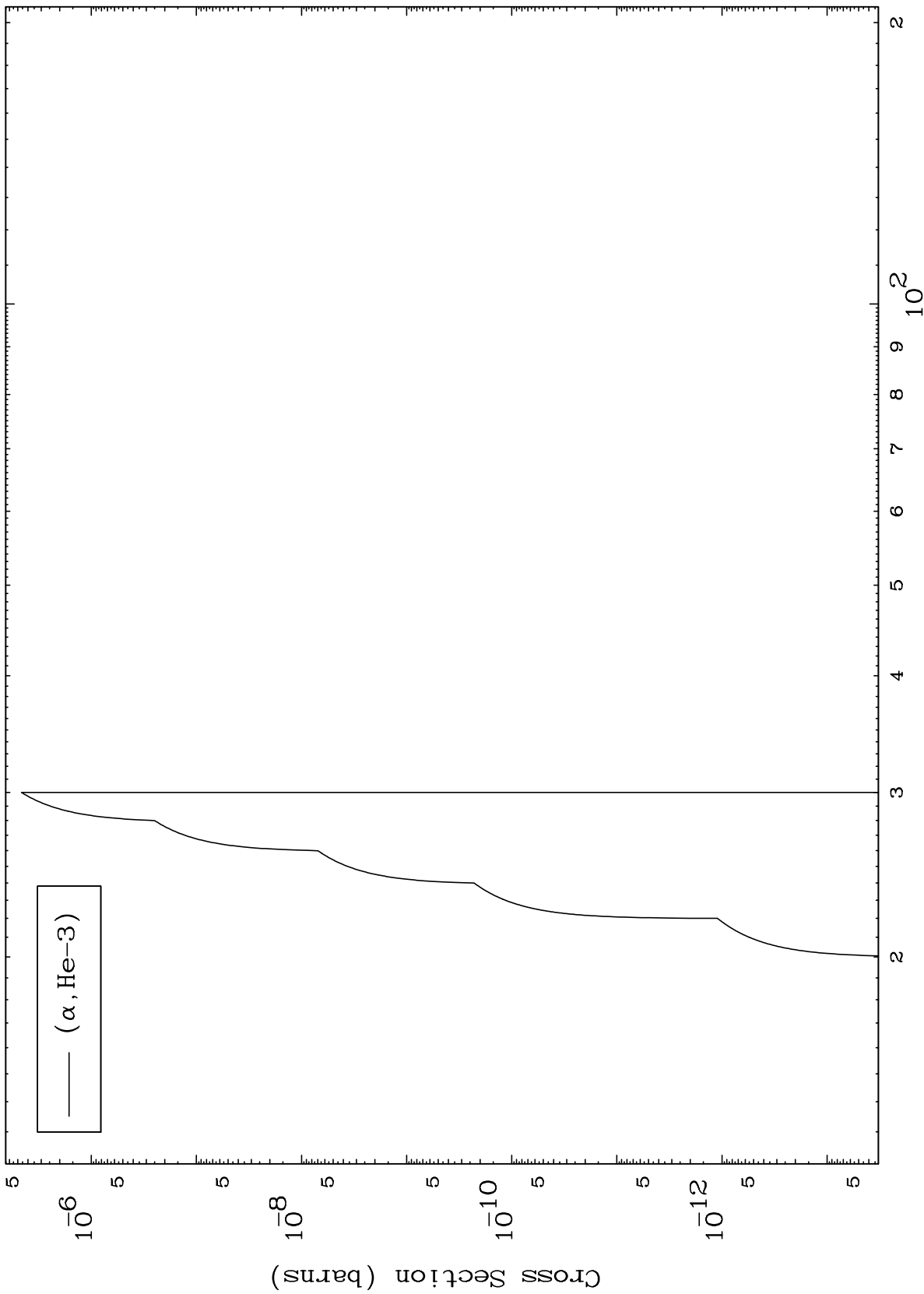


8

Incident Energy (MeV)

62-Sm-145

(α ,He3) Levels
0 Kelvin Cross Sections

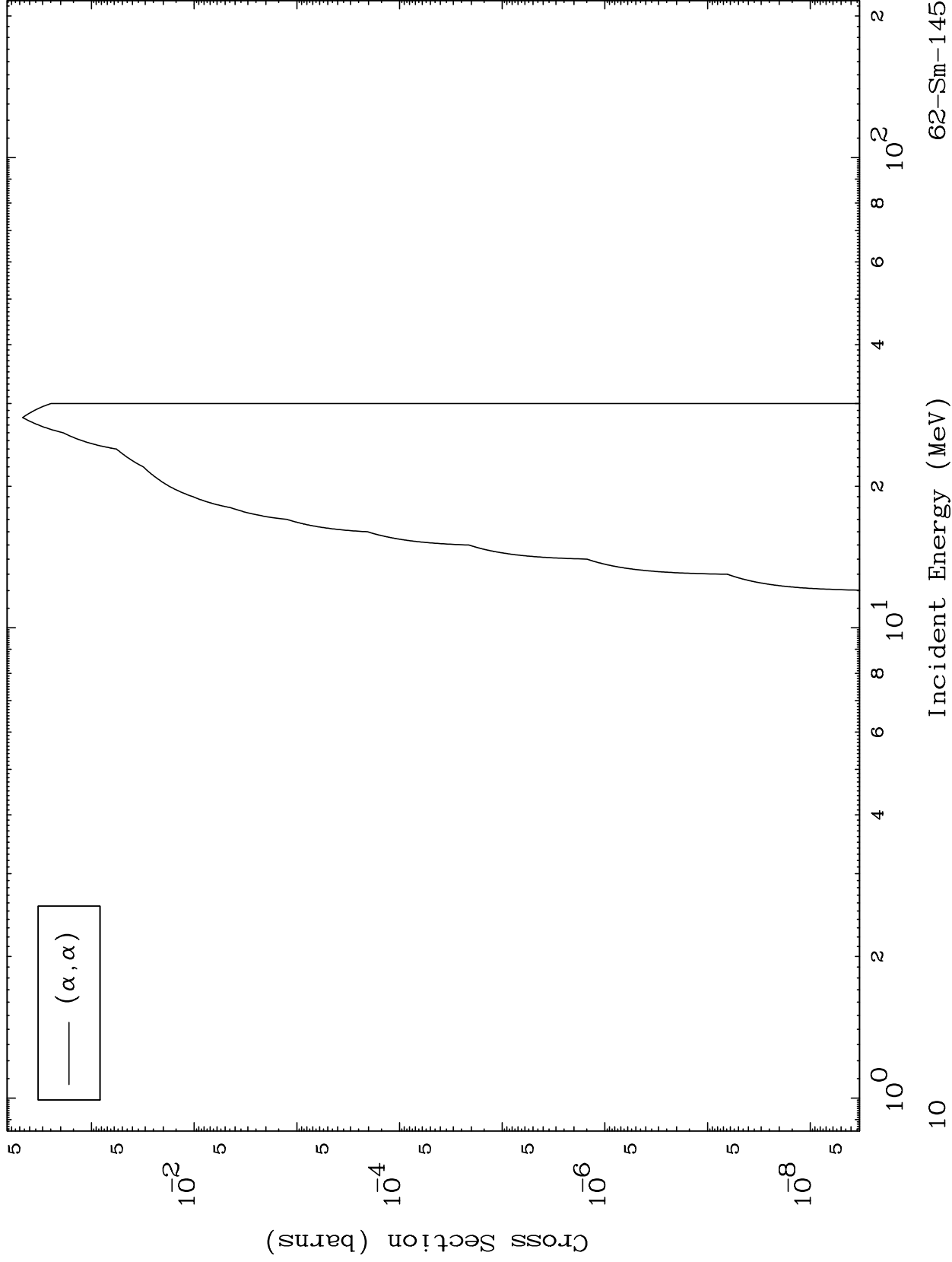


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(α, α) Levels

62-Sm-145

0 Kelvin Cross Sections



62-Sm-145

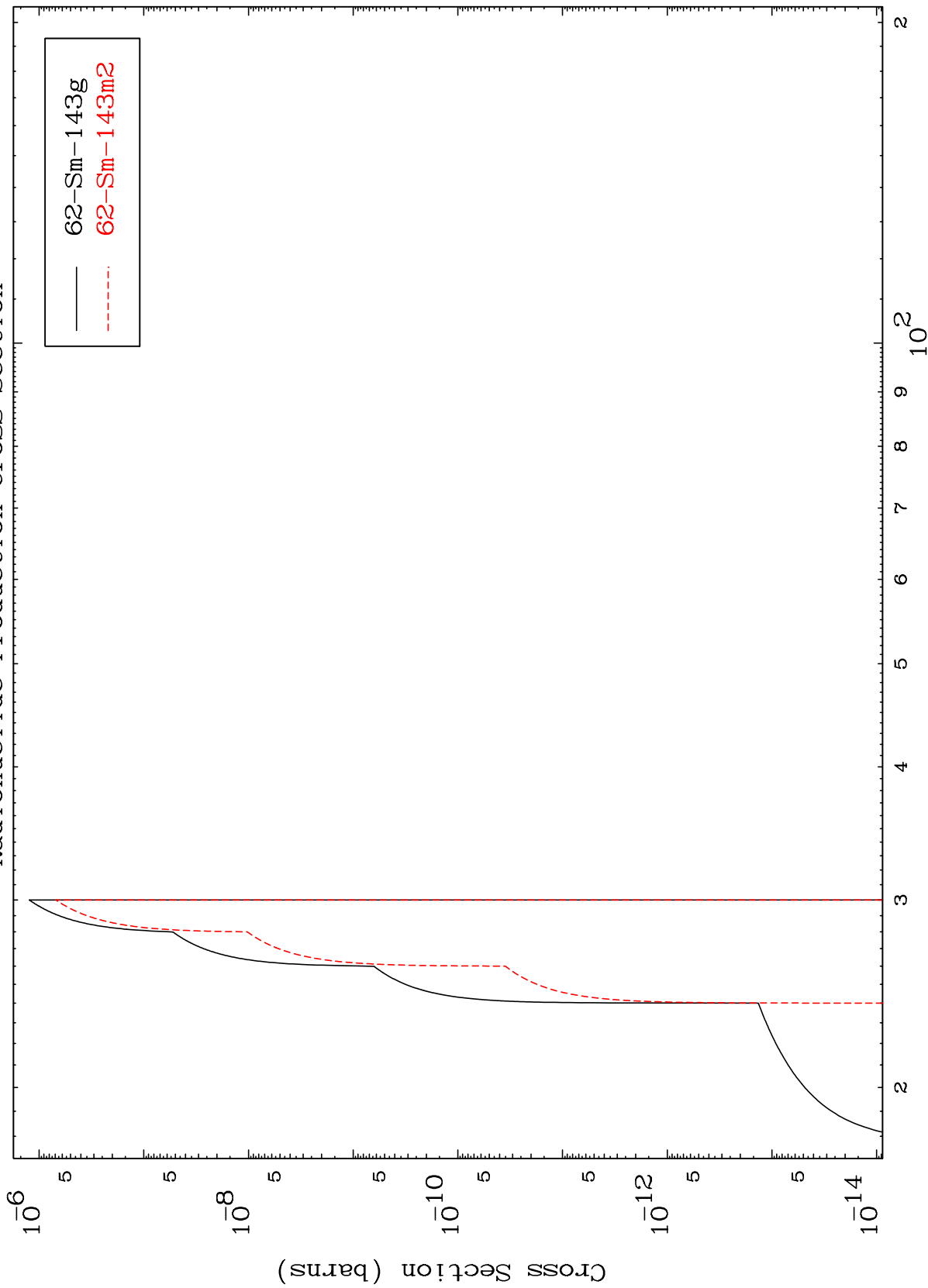
Incident Energy (MeV)

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$(\alpha, 2n)$ α

62-Sm-145

Radionuclide Production Cross Section



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Incident Energy (MeV)

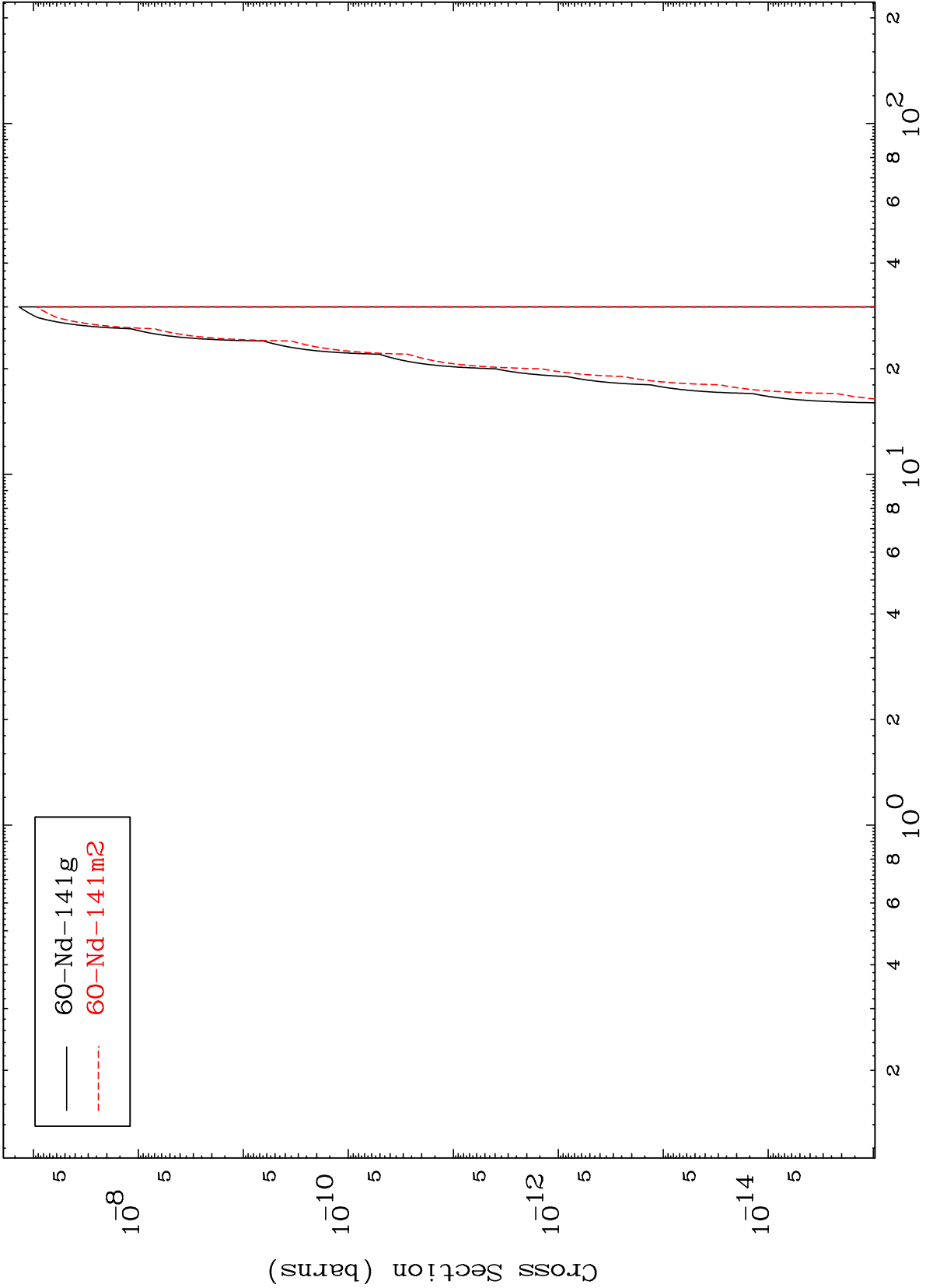
62-Sm-145

MAT 6228

($\alpha, 2\alpha$)

$^{62}\text{Sm}-145$

Radionuclide Production Cross Section



— $^{60}\text{Nd}-141\text{g}$
- - - $^{60}\text{Nd}-141\text{m}2$