

Program EVALPLOT
(Version 2018-1)

by

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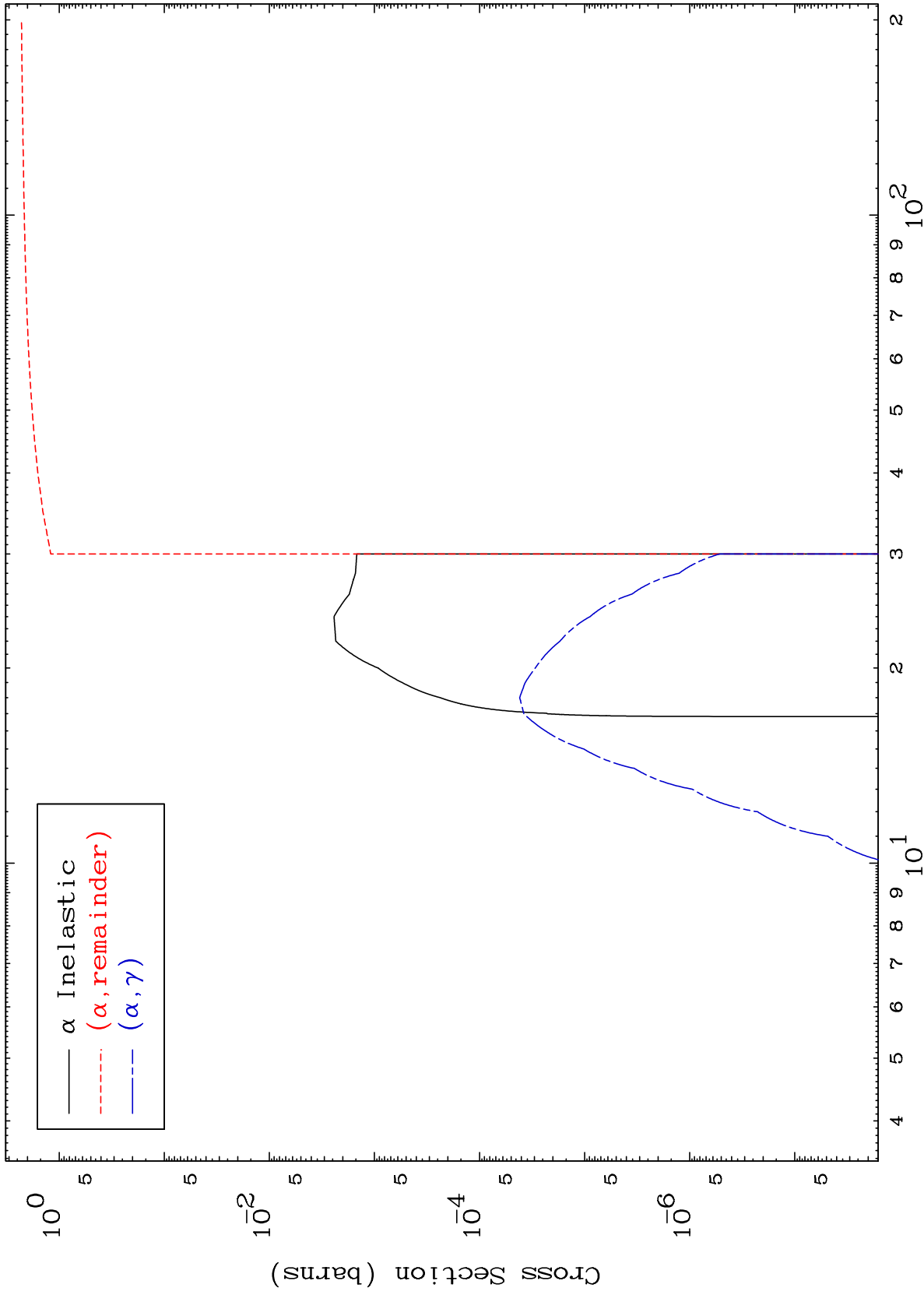
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

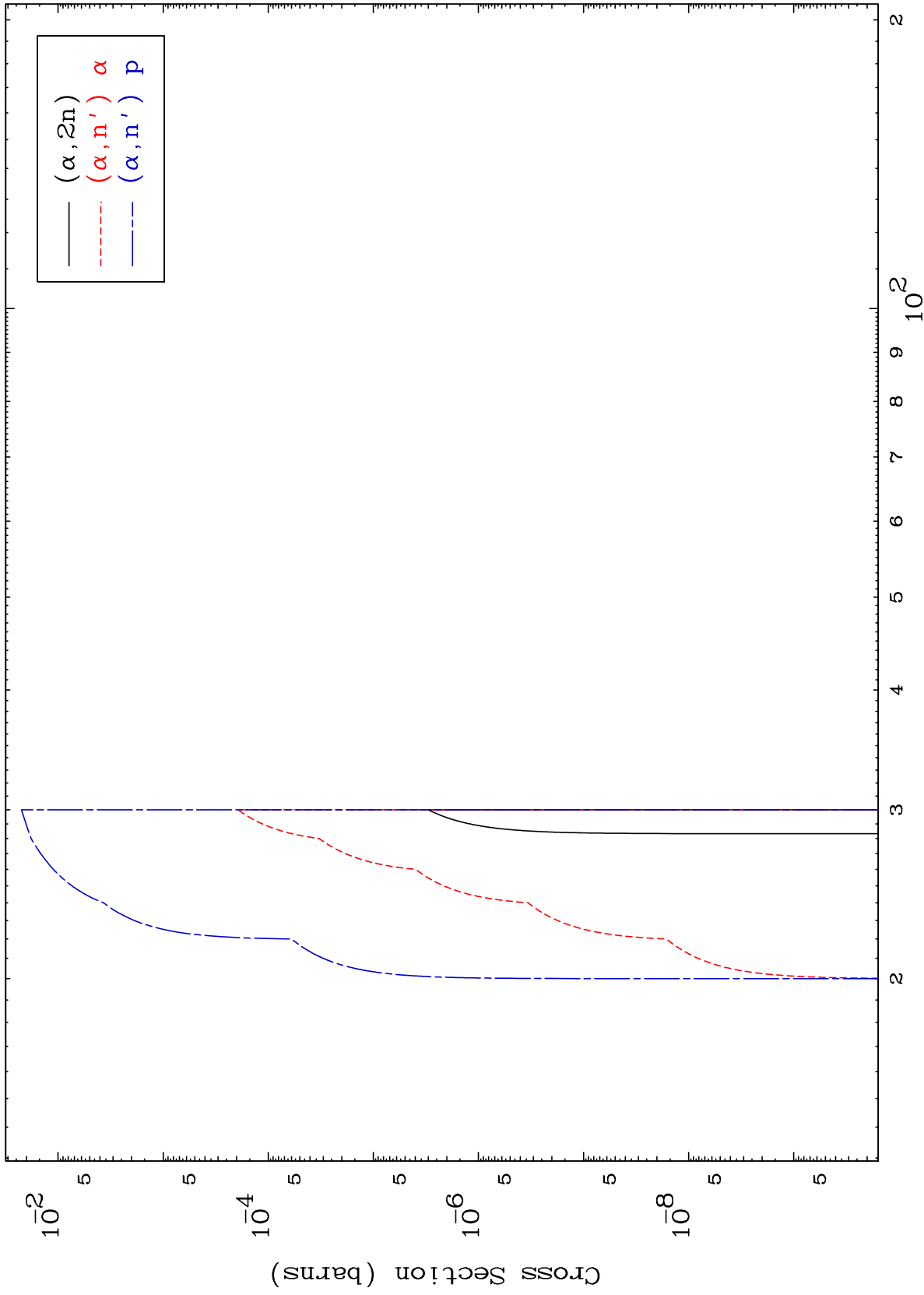
Press Mouse Button to Start

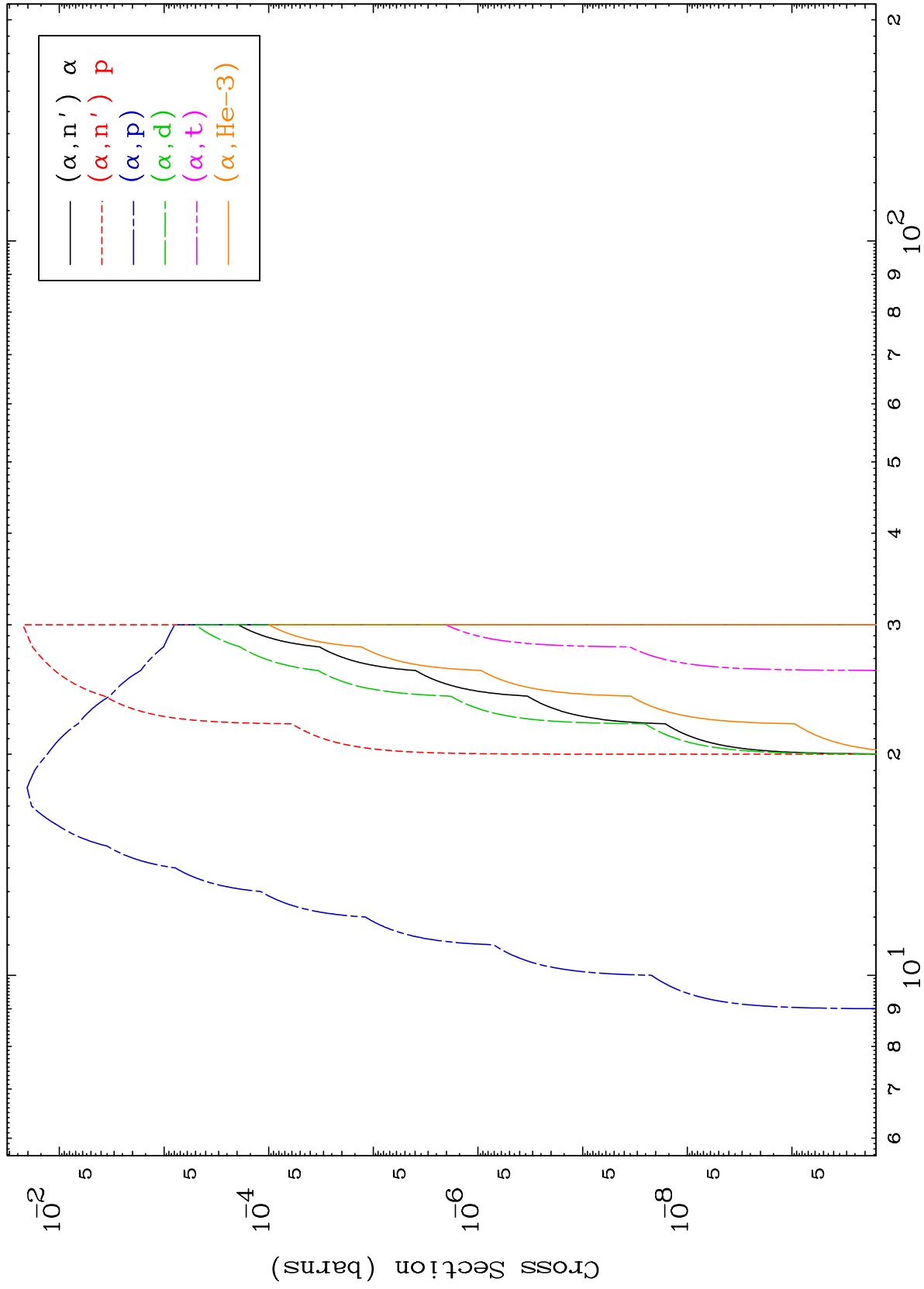
MAT 6189

0 Kelvin Cross Sections

62-Sm-132



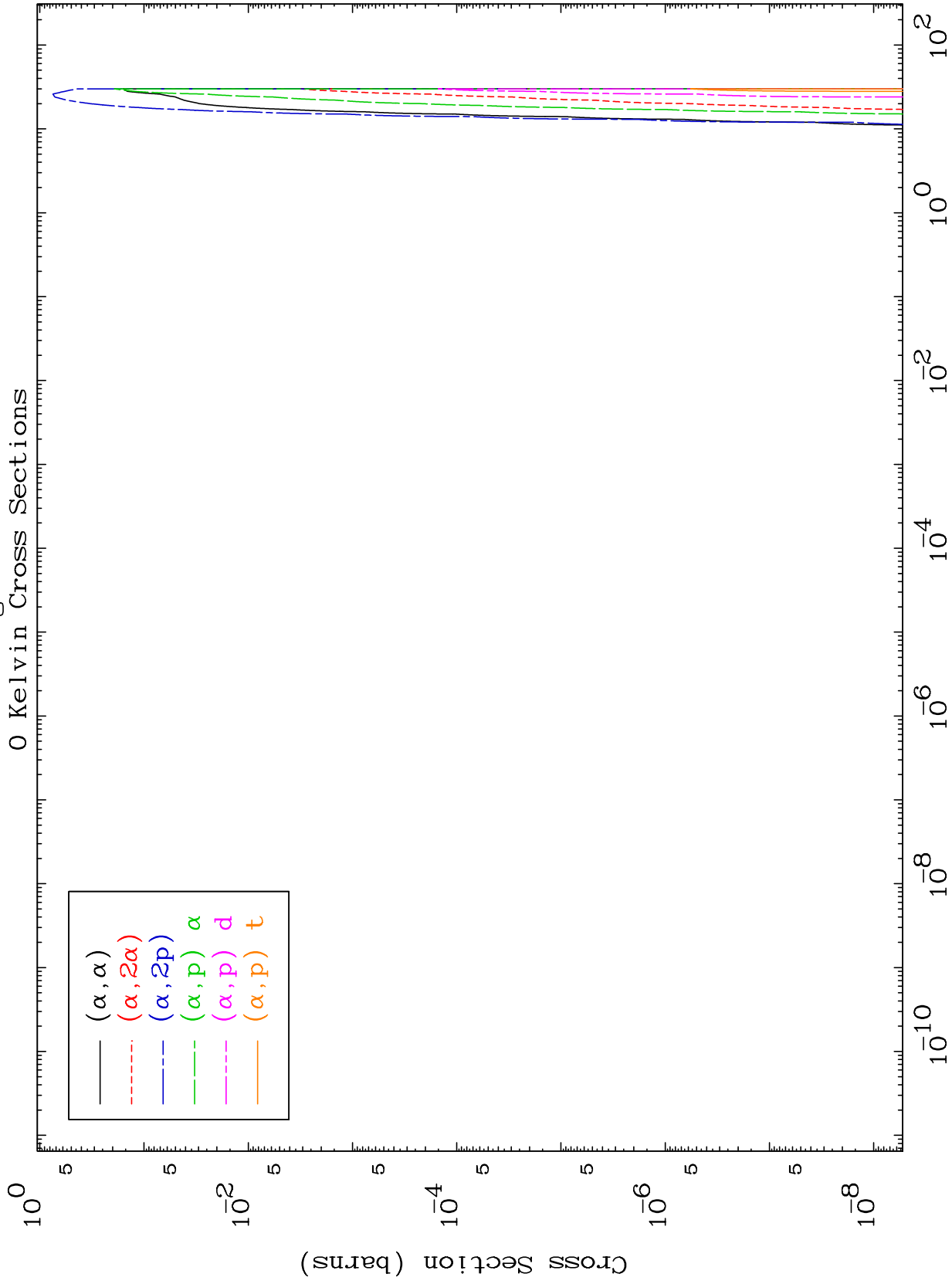




MAT 6189

α Charged Particle
0 Kelvin Cross Sections

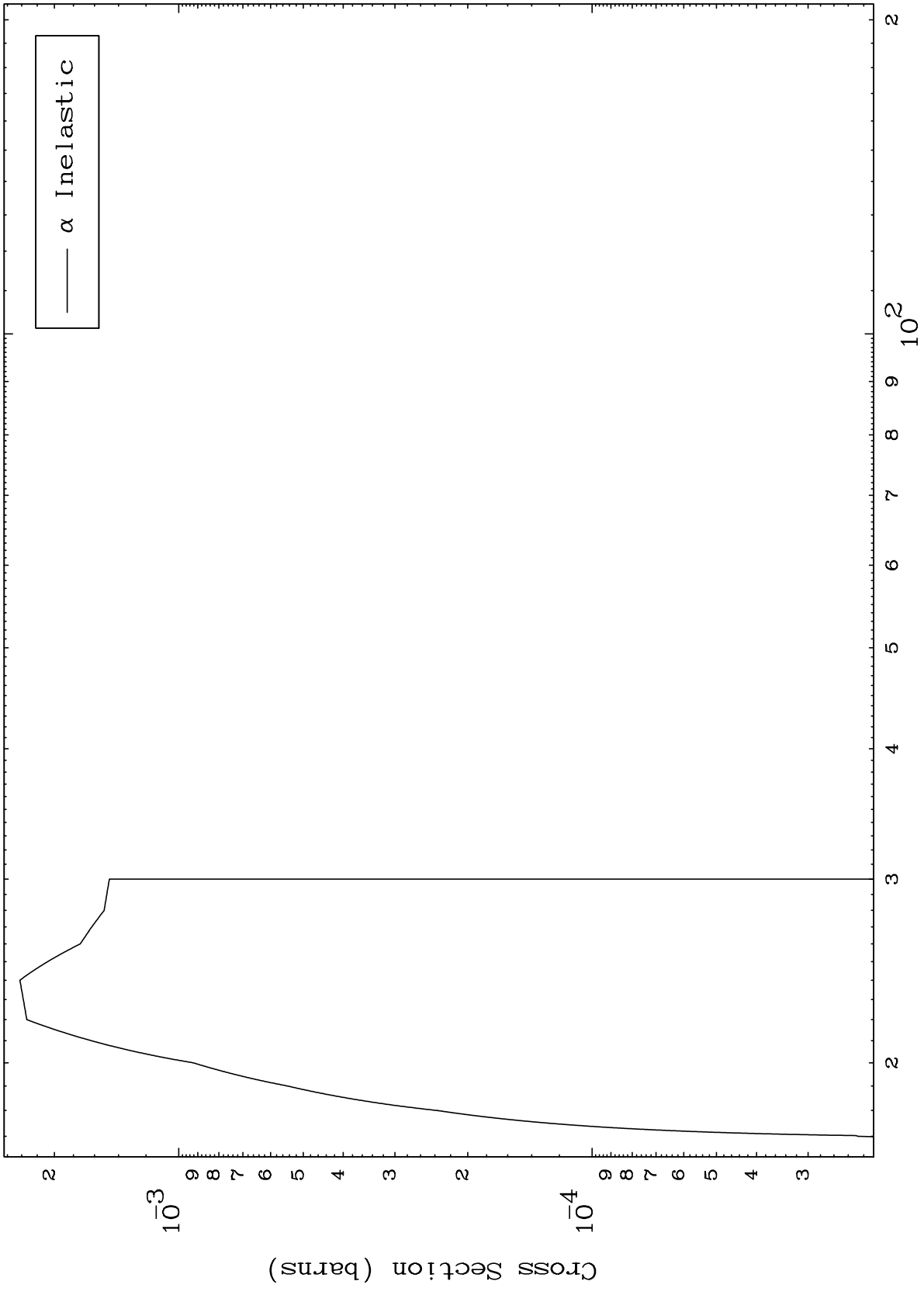
62-Sm-132



MAT 6189

(α, n') Level
0 Kelvin Cross Sections

62-Sm-132



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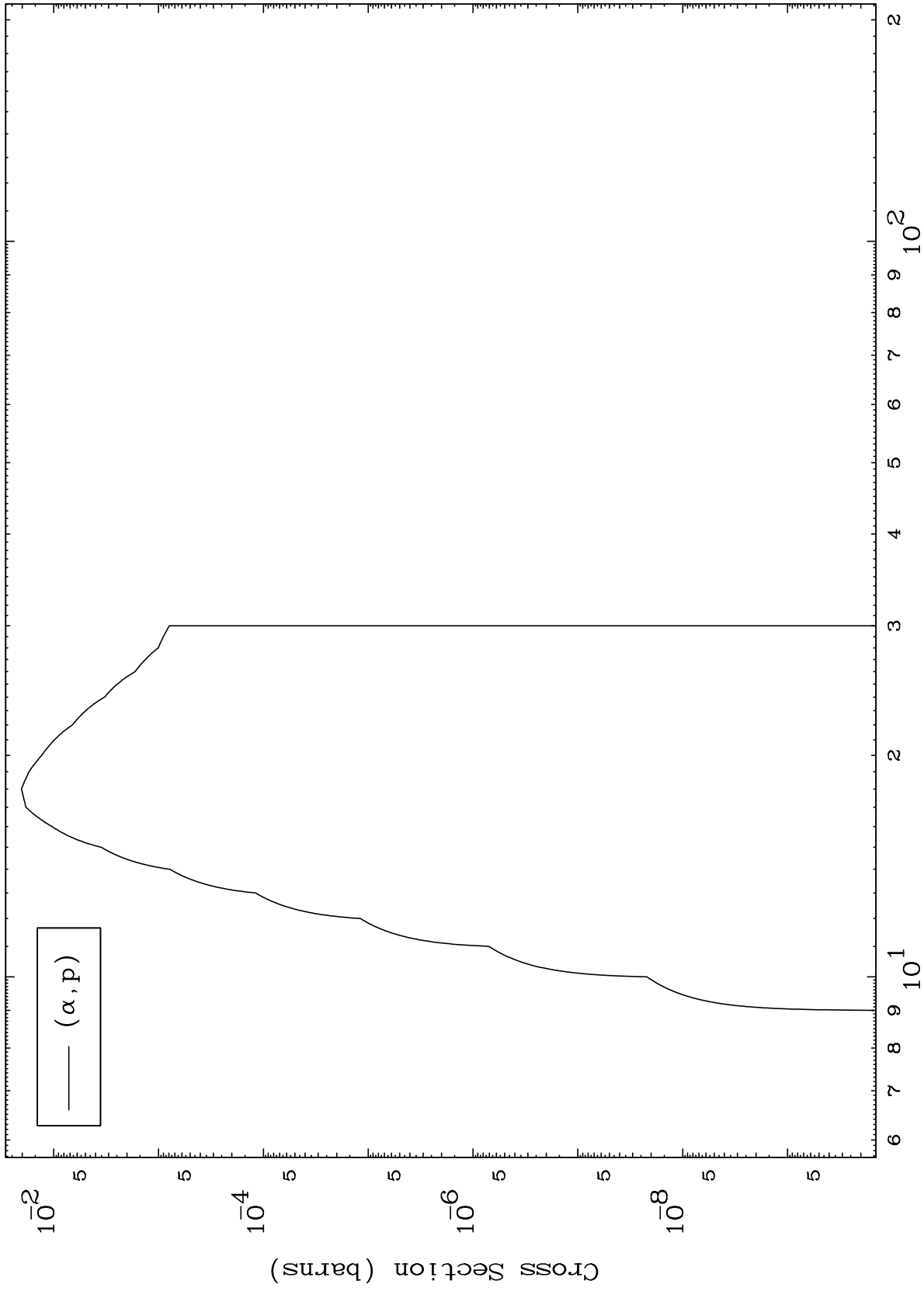
Incident Energy (MeV)

62-Sm-132

MAT 6189

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-132



6

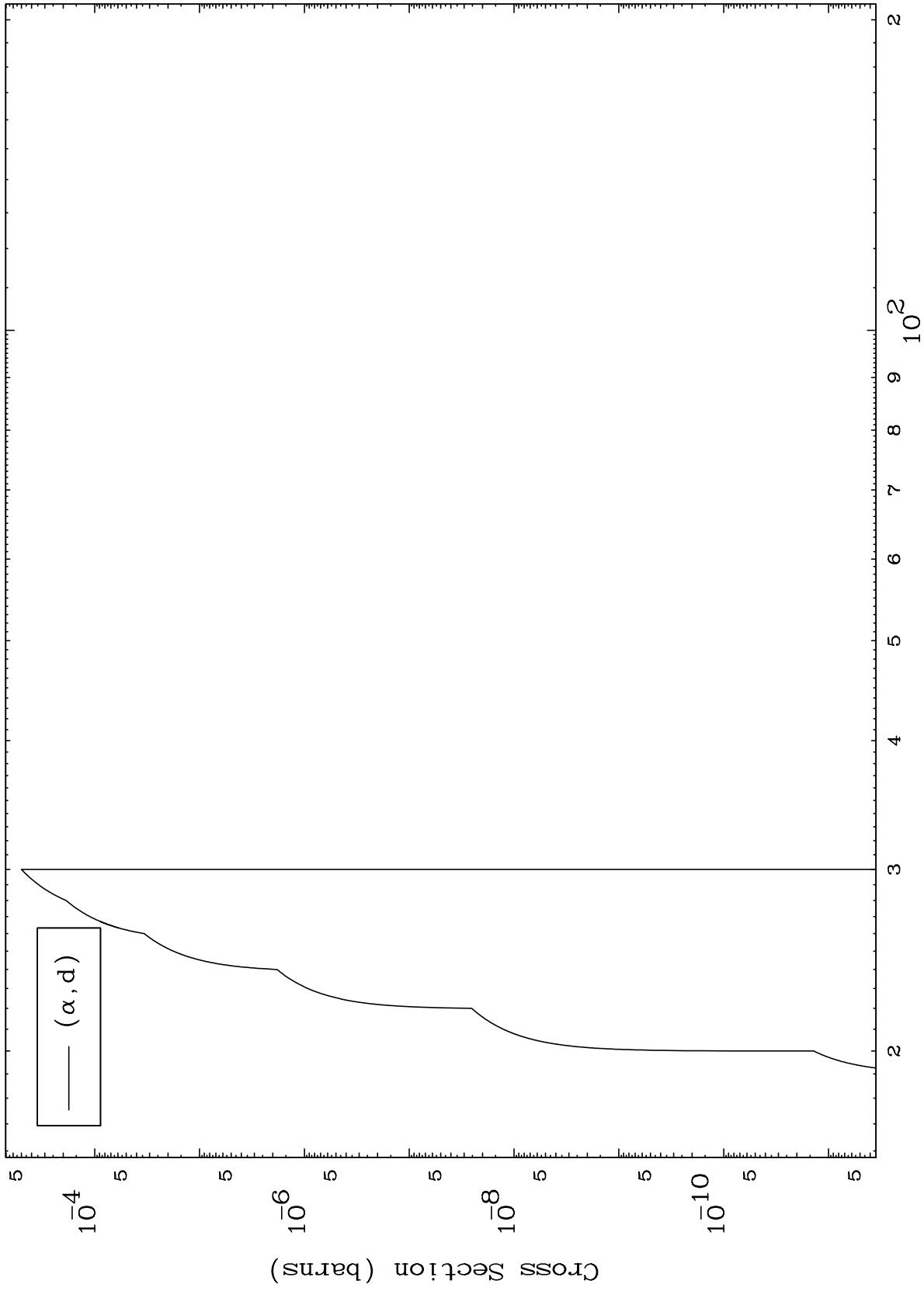
Incident Energy (MeV)

62-Sm-132

MAT 6189

(α, d) Levels
0 Kelvin Cross Sections

$^{62}\text{Sm}-132$



7

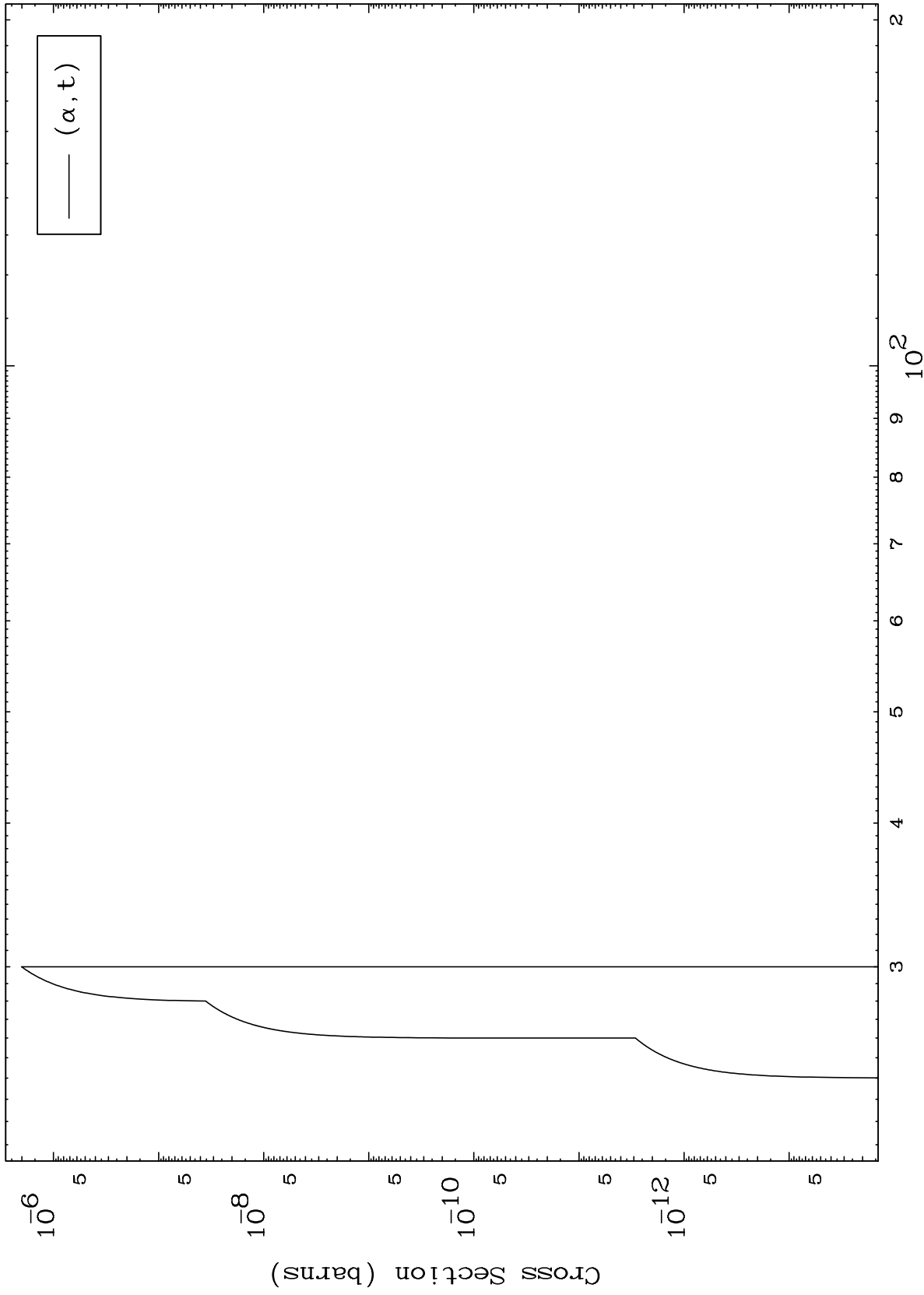
Incident Energy (MeV)

$^{62}\text{Sm}-132$

MAT 6189

(α, t) Levels
0 Kelvin Cross Sections

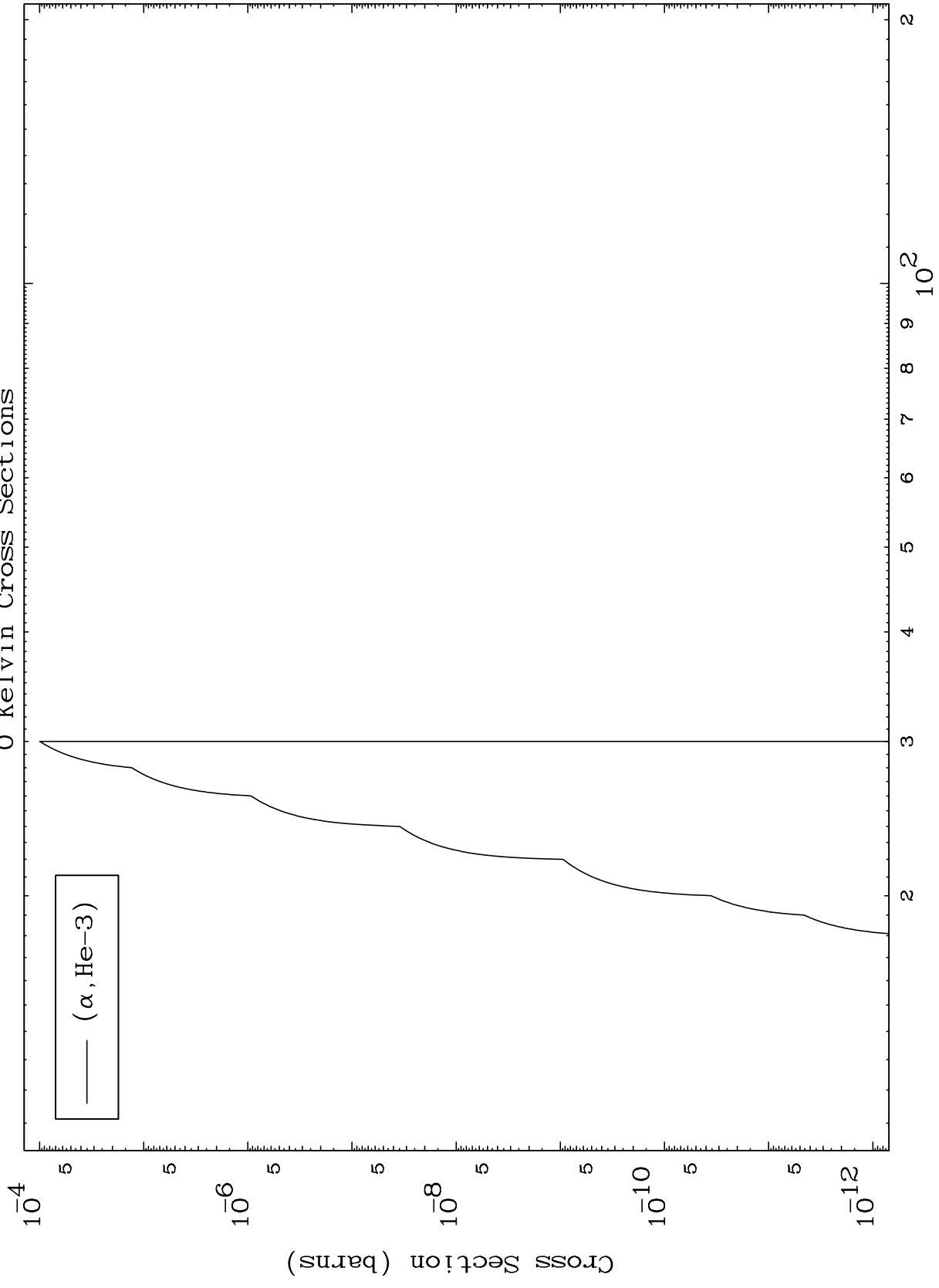
62-Sm-132



8

Incident Energy (MeV)

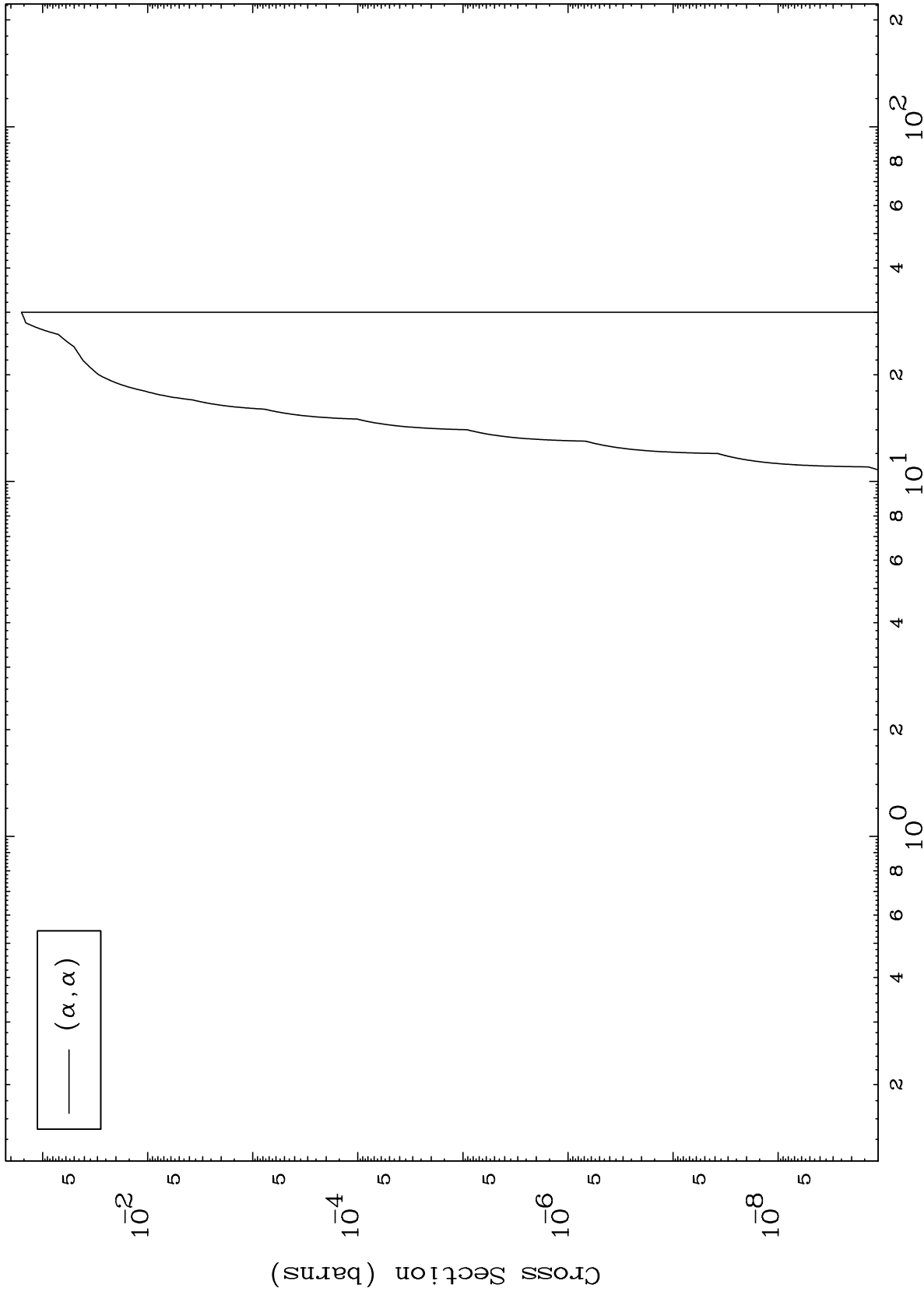
62-Sm-132



MAT 6189

(α, α) Levels
0 Kelvin Cross Sections

62-Sm-132



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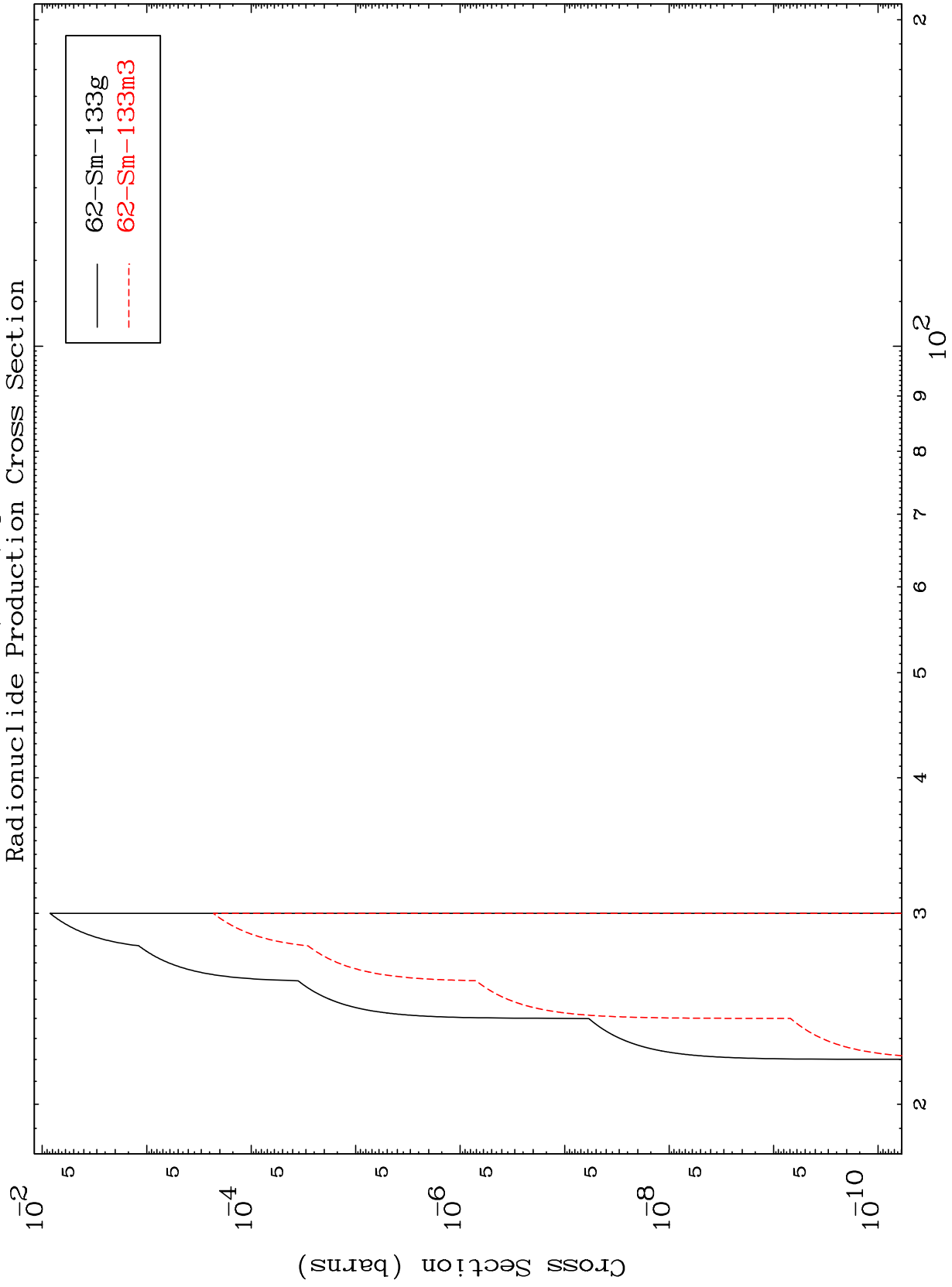
Incident Energy (MeV)

62-Sm-132

MAT 6189

$(\alpha, 2n)$ p

$^{62}\text{Sm}-132$



11

Incident Energy (MeV)

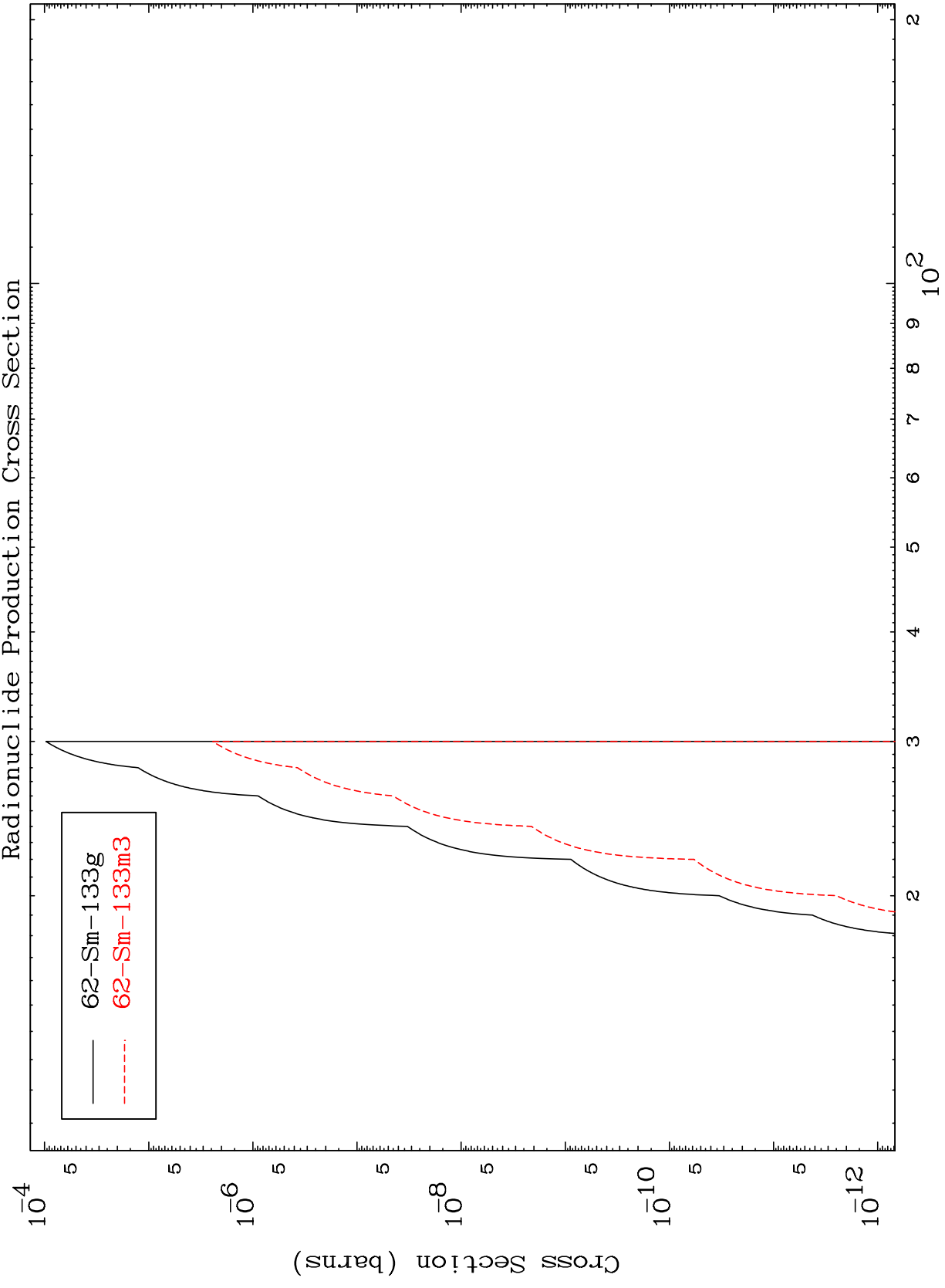
$^{62}\text{Sm}-132$

MAT 6189

($\alpha, \text{He-3}$)

$^{62}\text{Sm-132}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

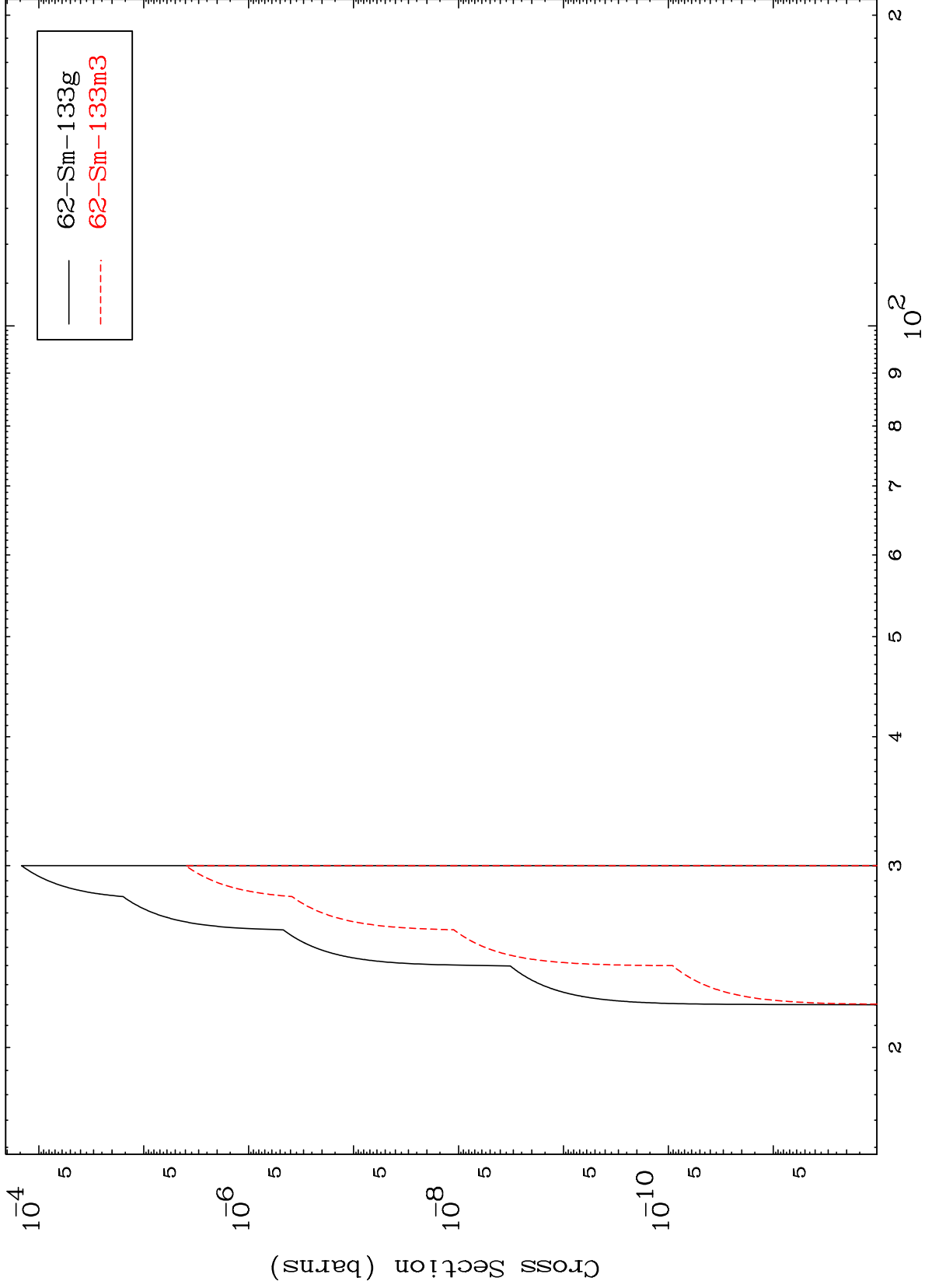
$^{62}\text{Sm-132}$

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(α, p) d

$^{62}\text{Sm}-^{132}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

$^{62}\text{Sm}-^{132}$