

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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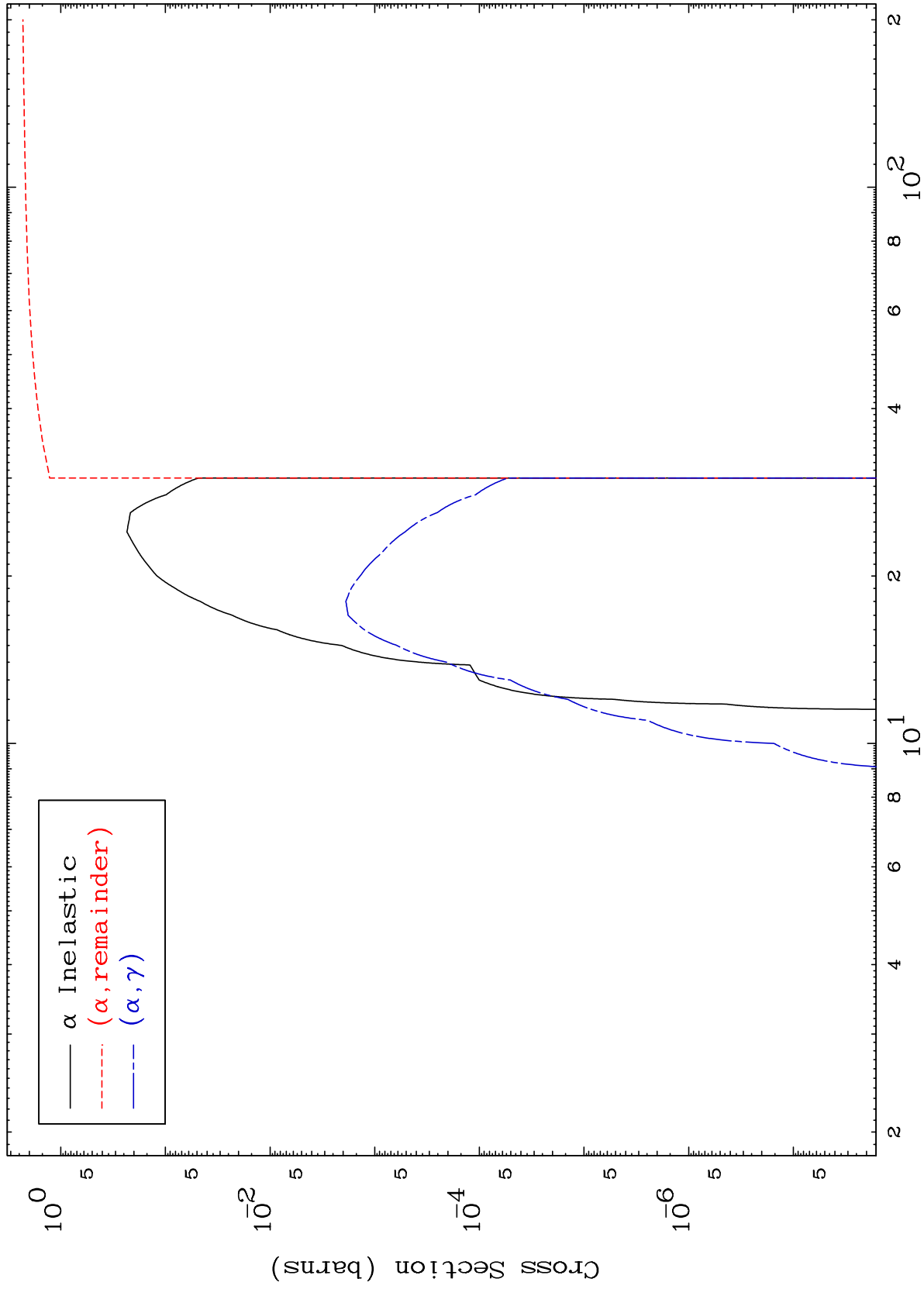
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5998

α Major
0 Kelvin Cross Sections

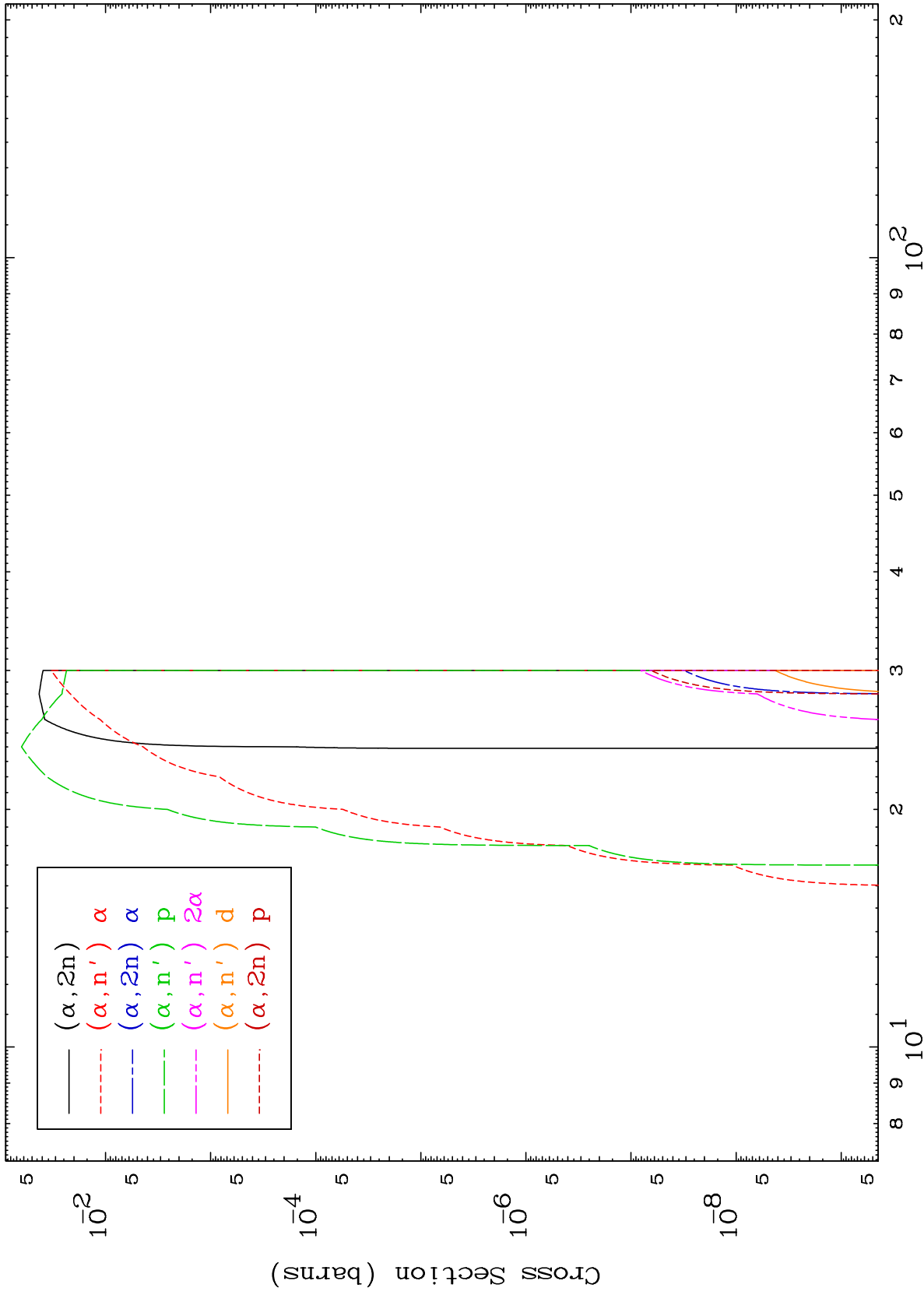
60-Nd-133

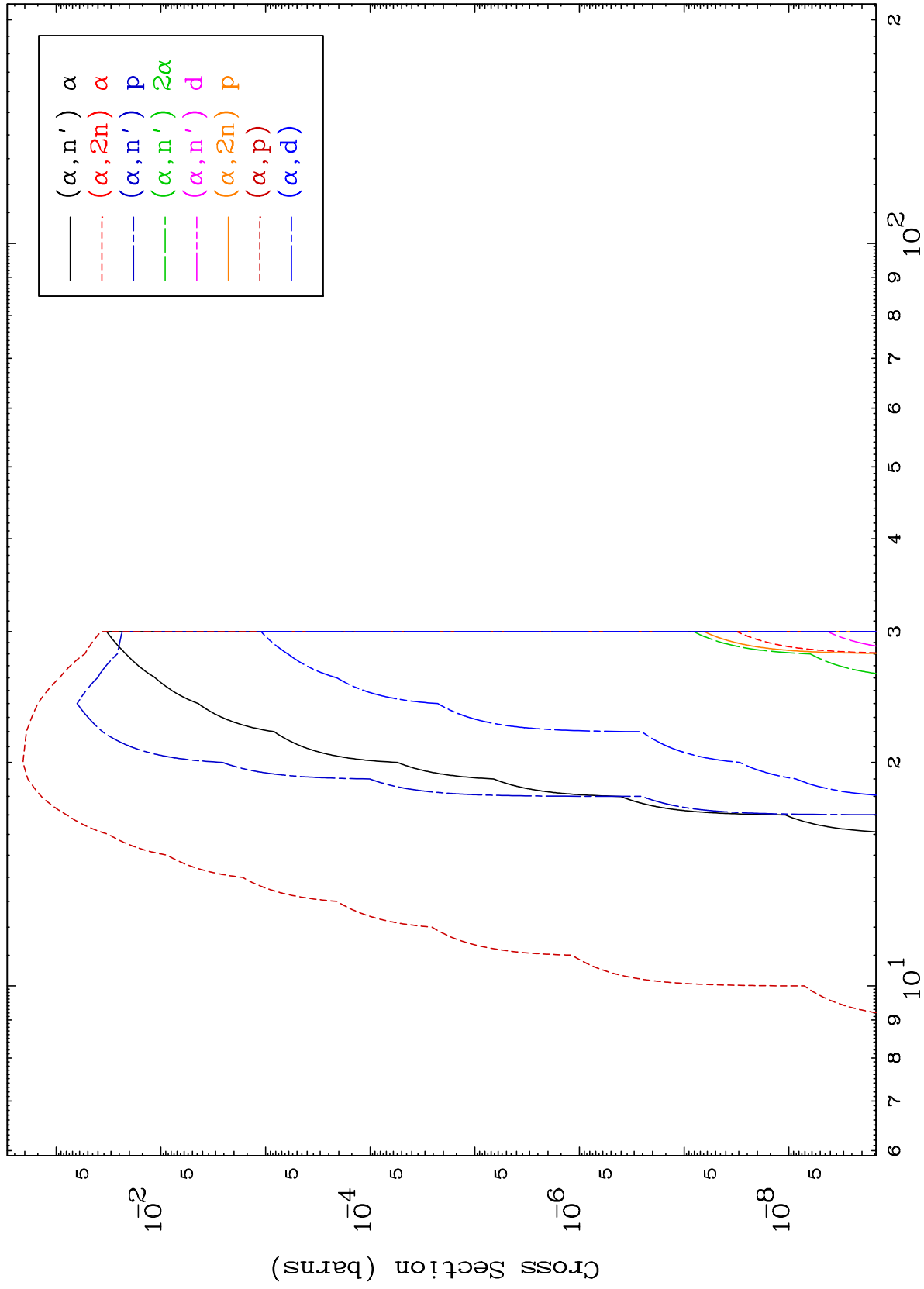


1

Incident Energy (MeV)

60-Nd-133

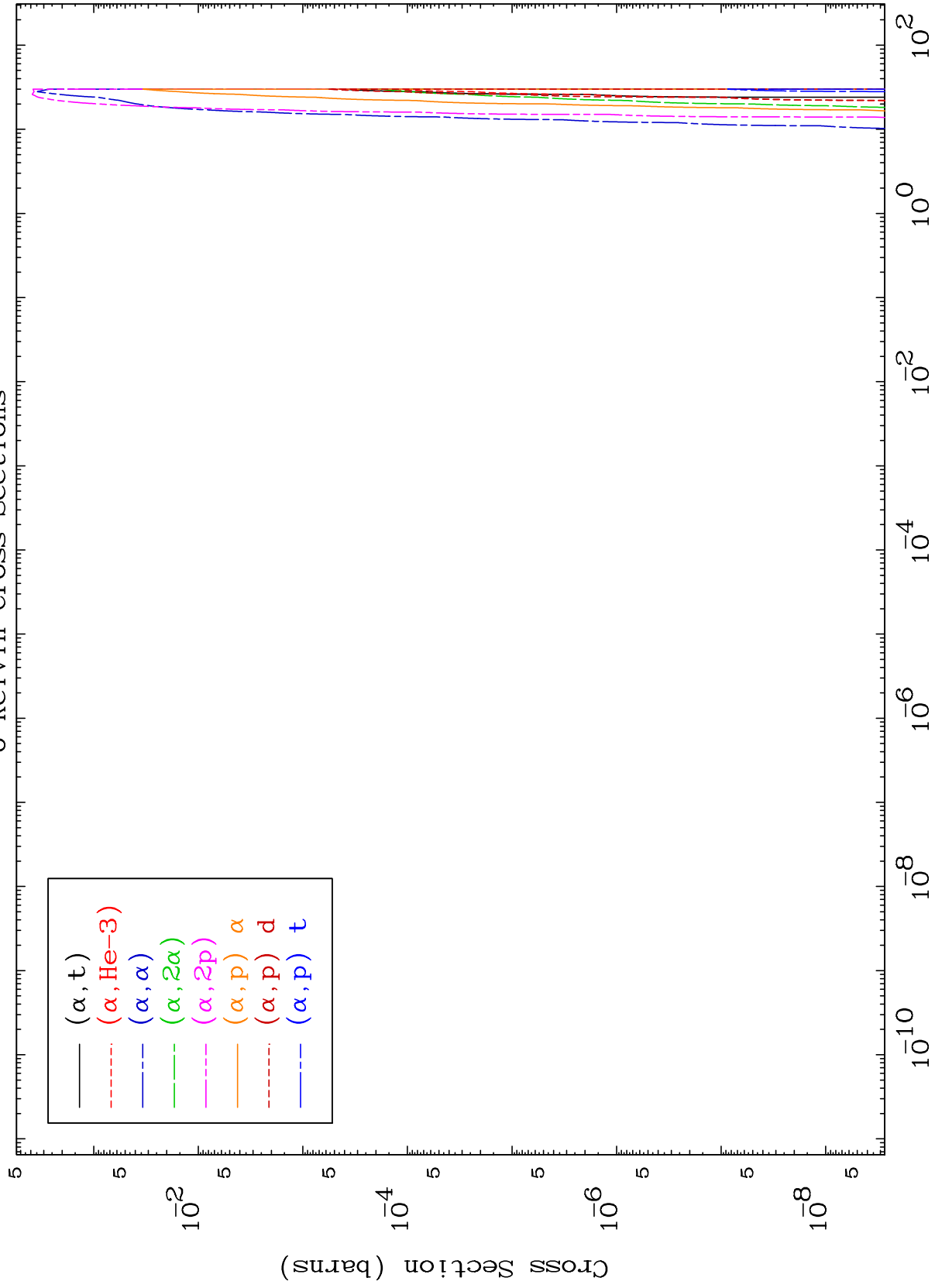


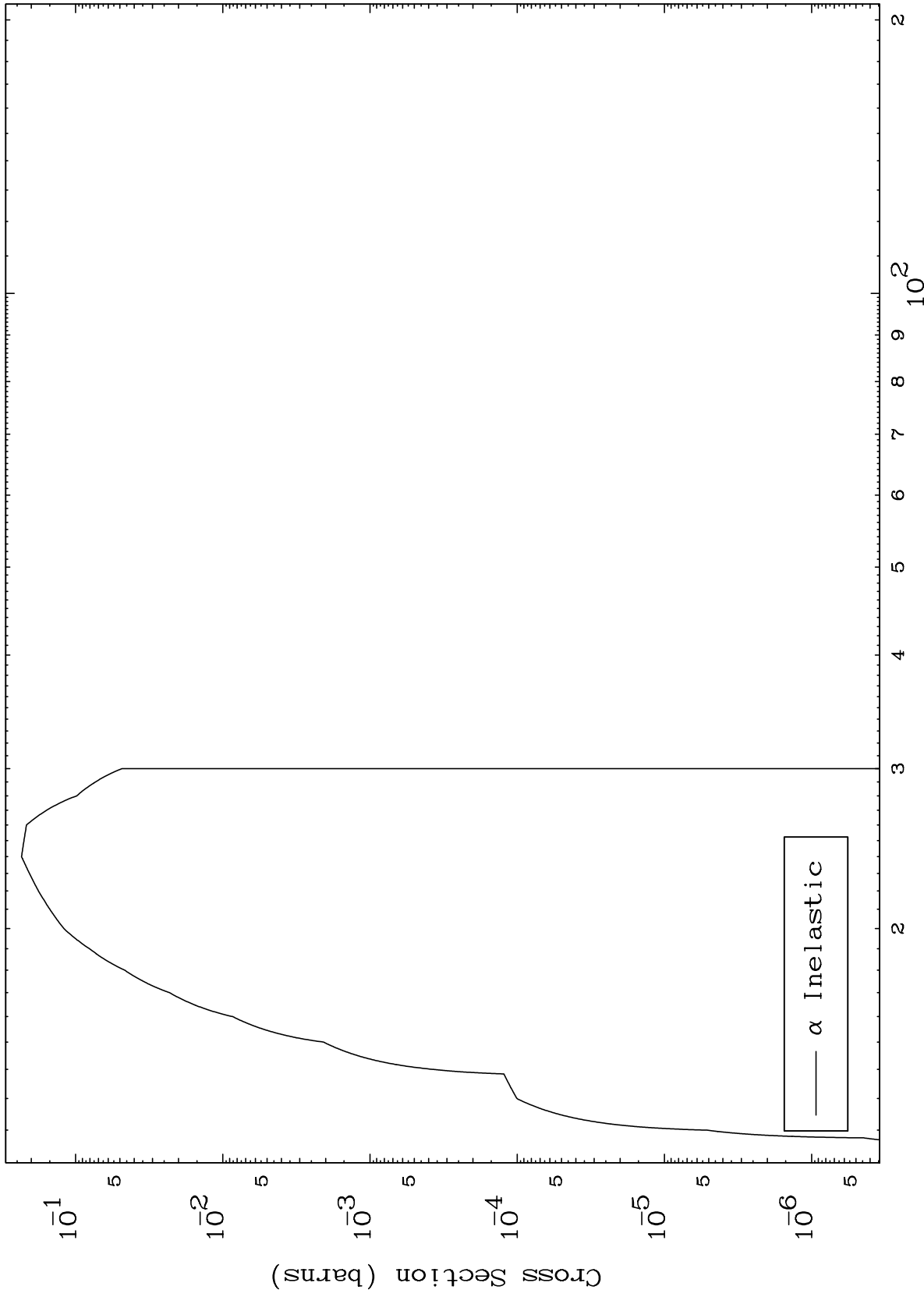


MAT 5998

α Charged Particle
0 Kelvin Cross Sections

60-Nd-133

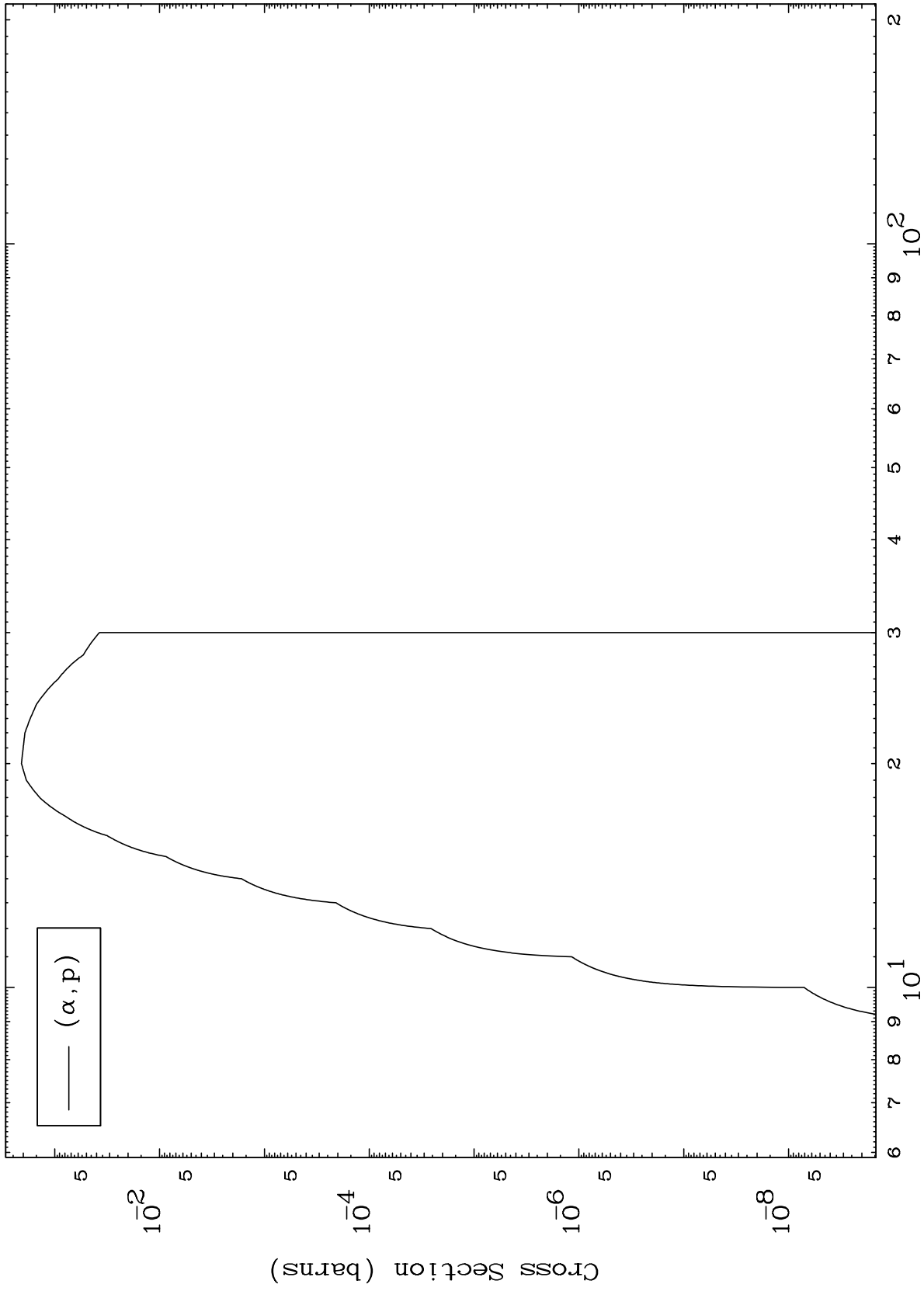




MAT 5998

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-133



6

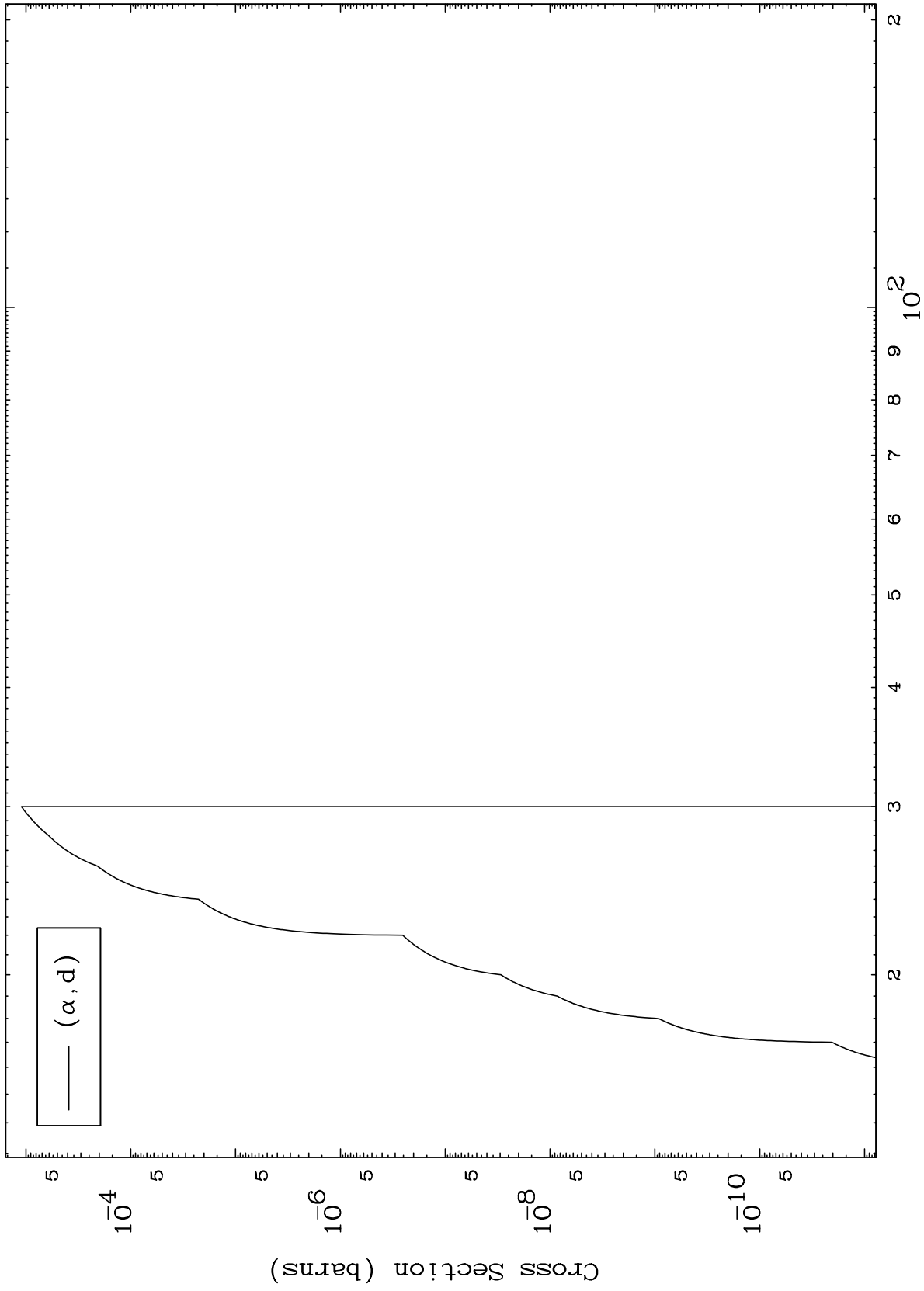
Incident Energy (MeV)

60-Nd-133

MAT 5998

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-133



7

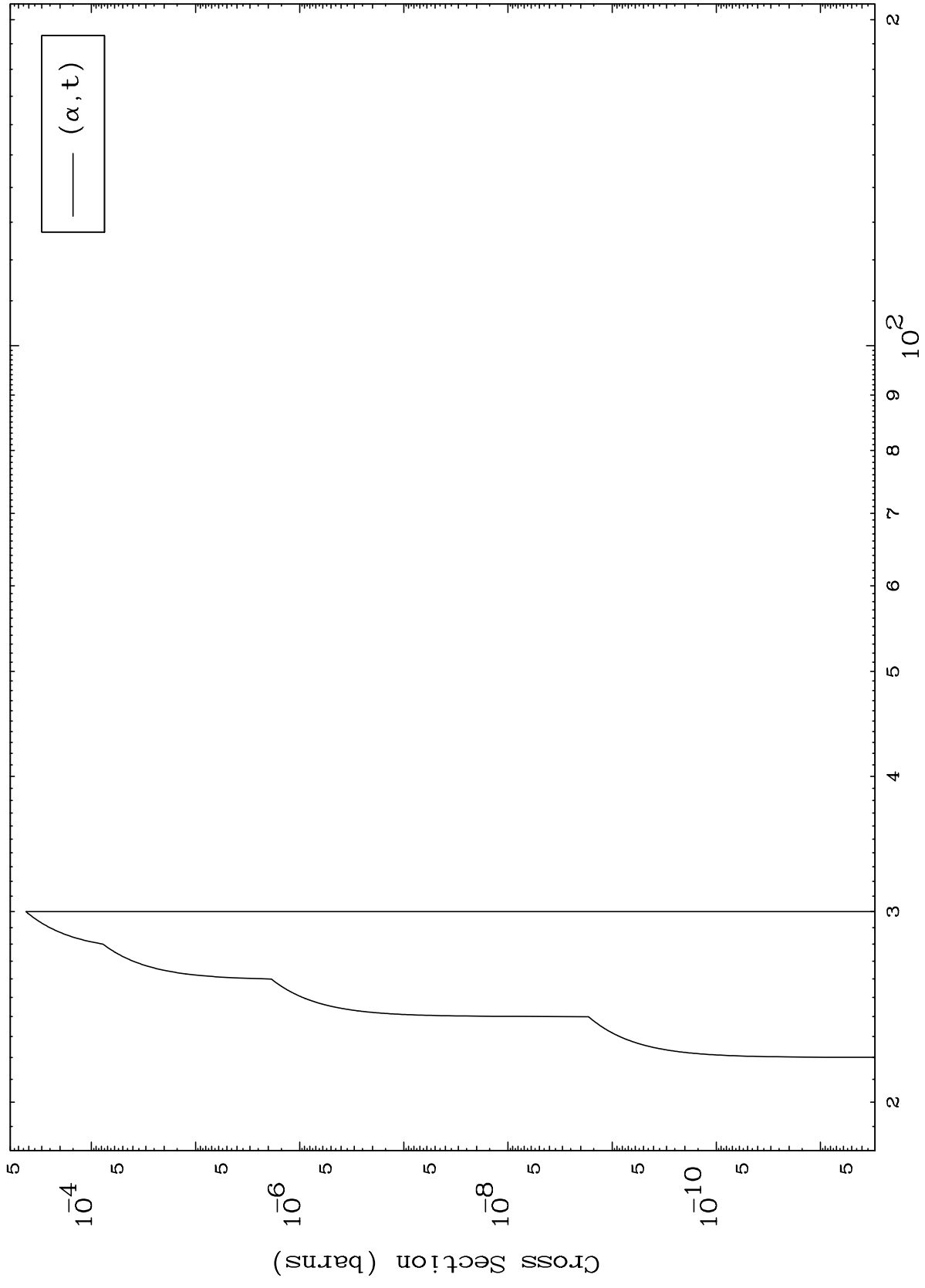
Incident Energy (MeV)

60-Nd-133

MAT 5998

(α, t) Levels
0 Kelvin Cross Sections

60-Nd-133



8

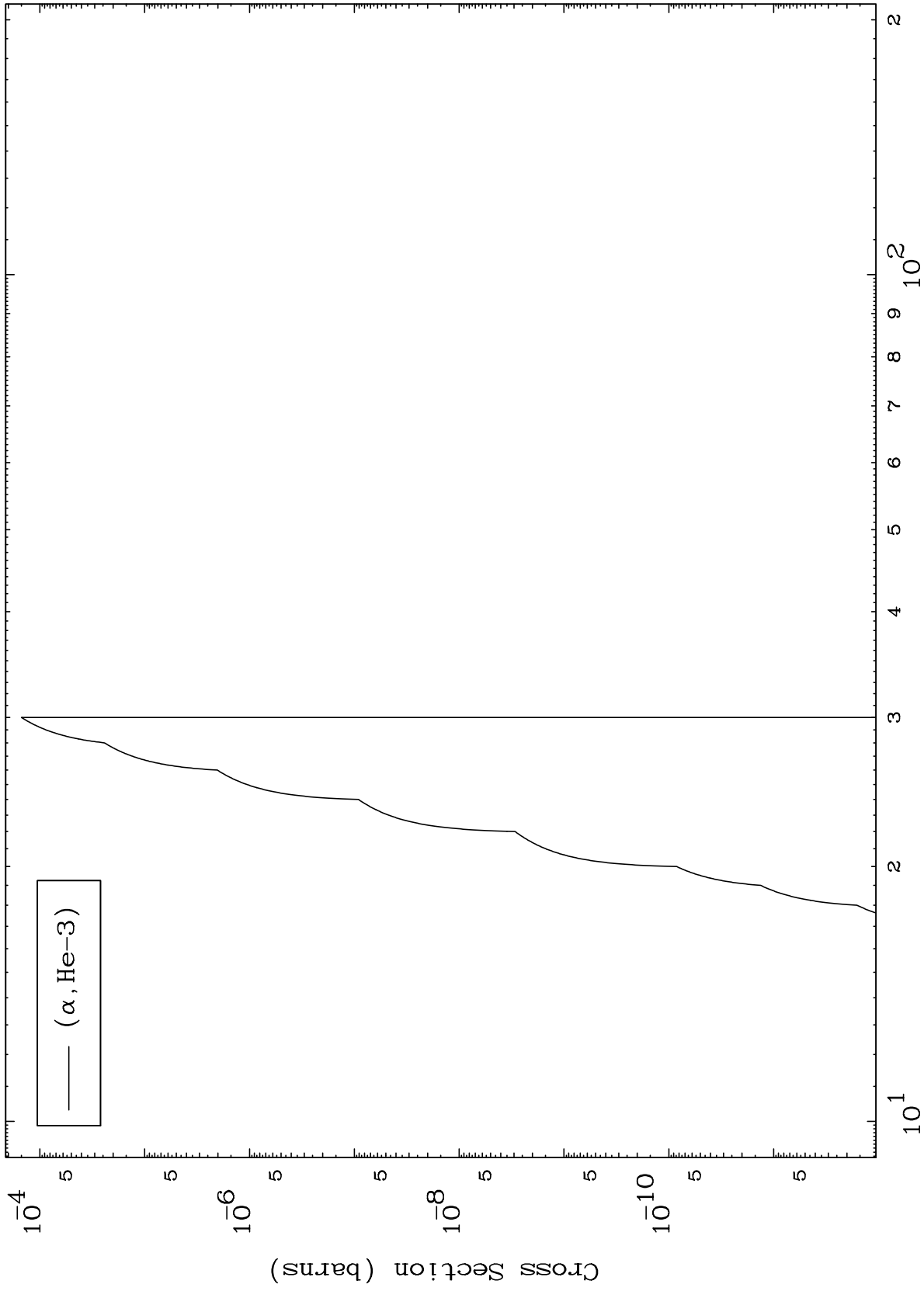
Incident Energy (MeV)

60-Nd-133

MAT 5998

(α ,He3) Levels
0 Kelvin Cross Sections

60-Nd-133



9

Incident Energy (MeV)

60-Nd-133

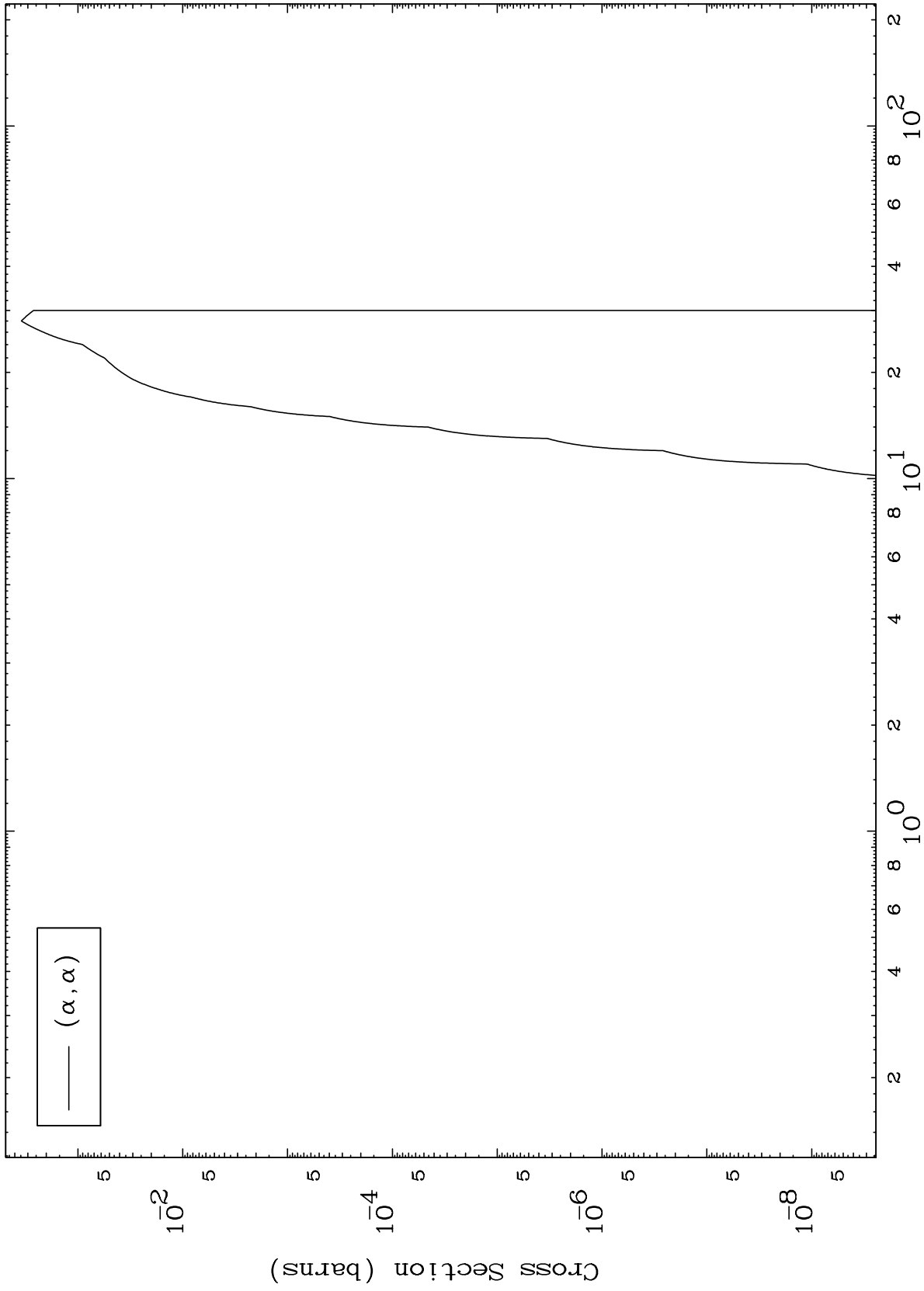
10^2

10^1

MAT 5998

(α, α) Levels
0 Kelvin Cross Sections

60-Nd-133



10

Incident Energy (MeV)

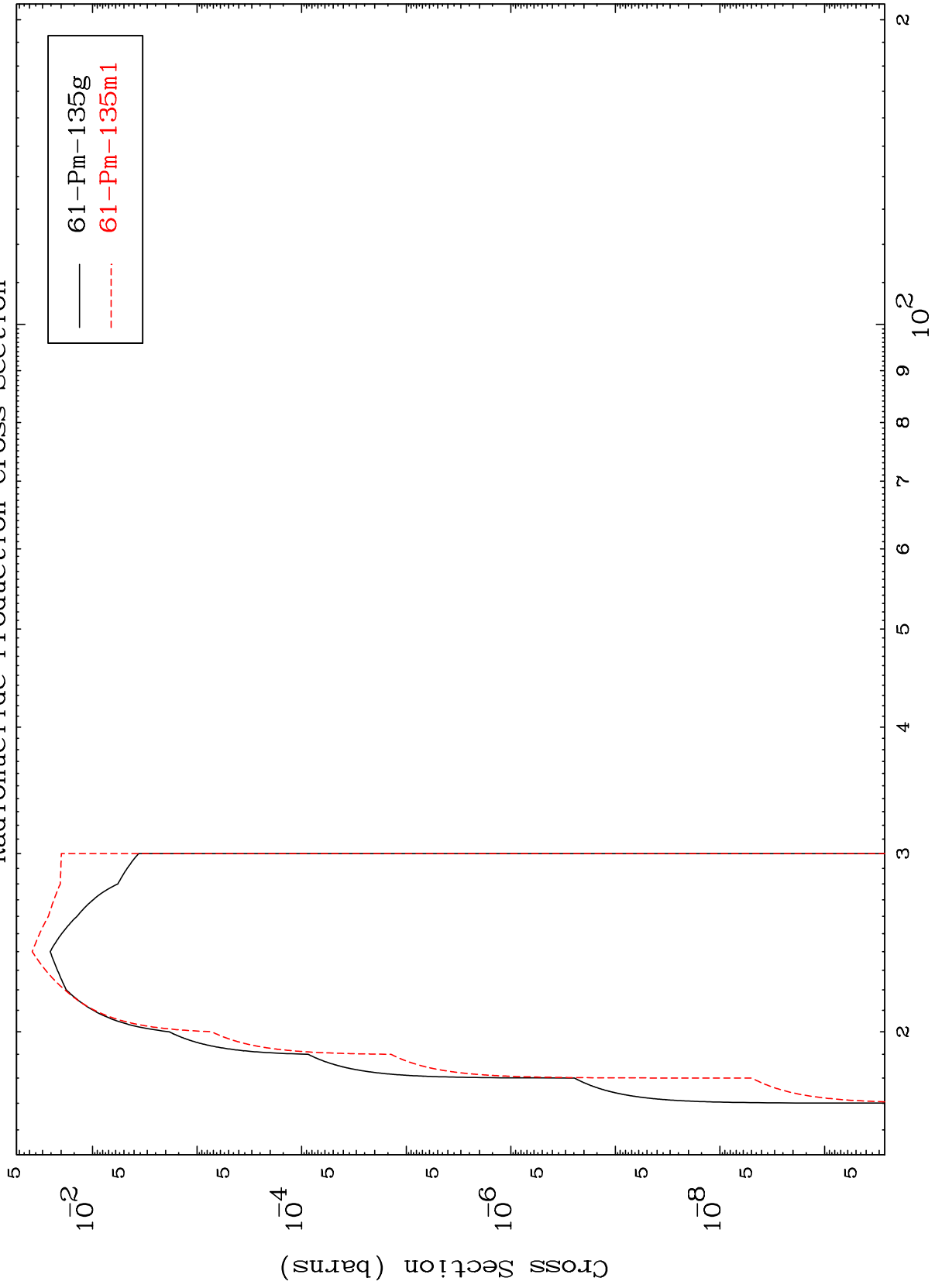
60-Nd-133

MAT 5998

(α, n') p

$^{60}\text{Nd}-133$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

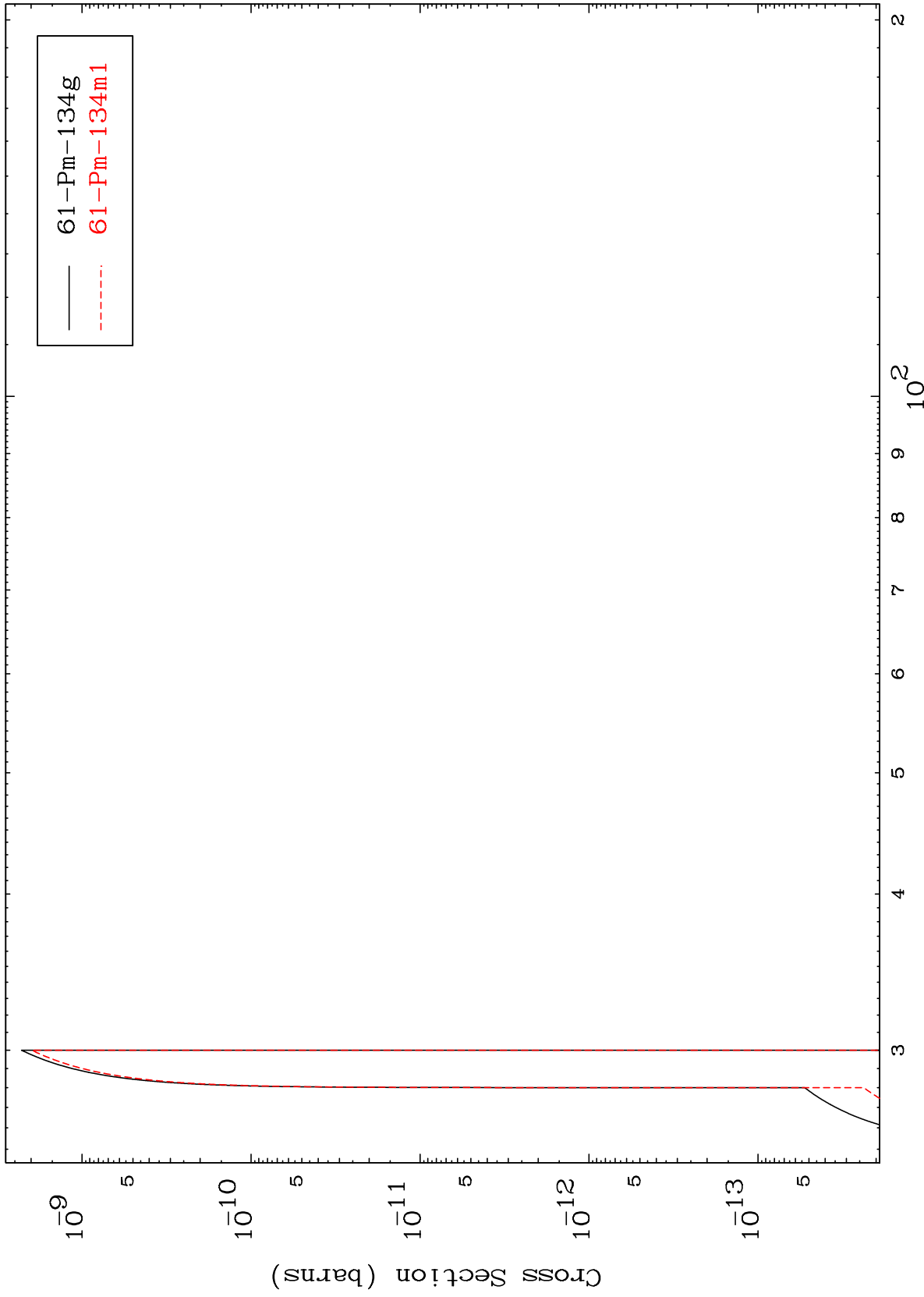
$^{60}\text{Nd}-133$

MAT 5998

(α, n') d

$^{60}\text{Nd}-^{133}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

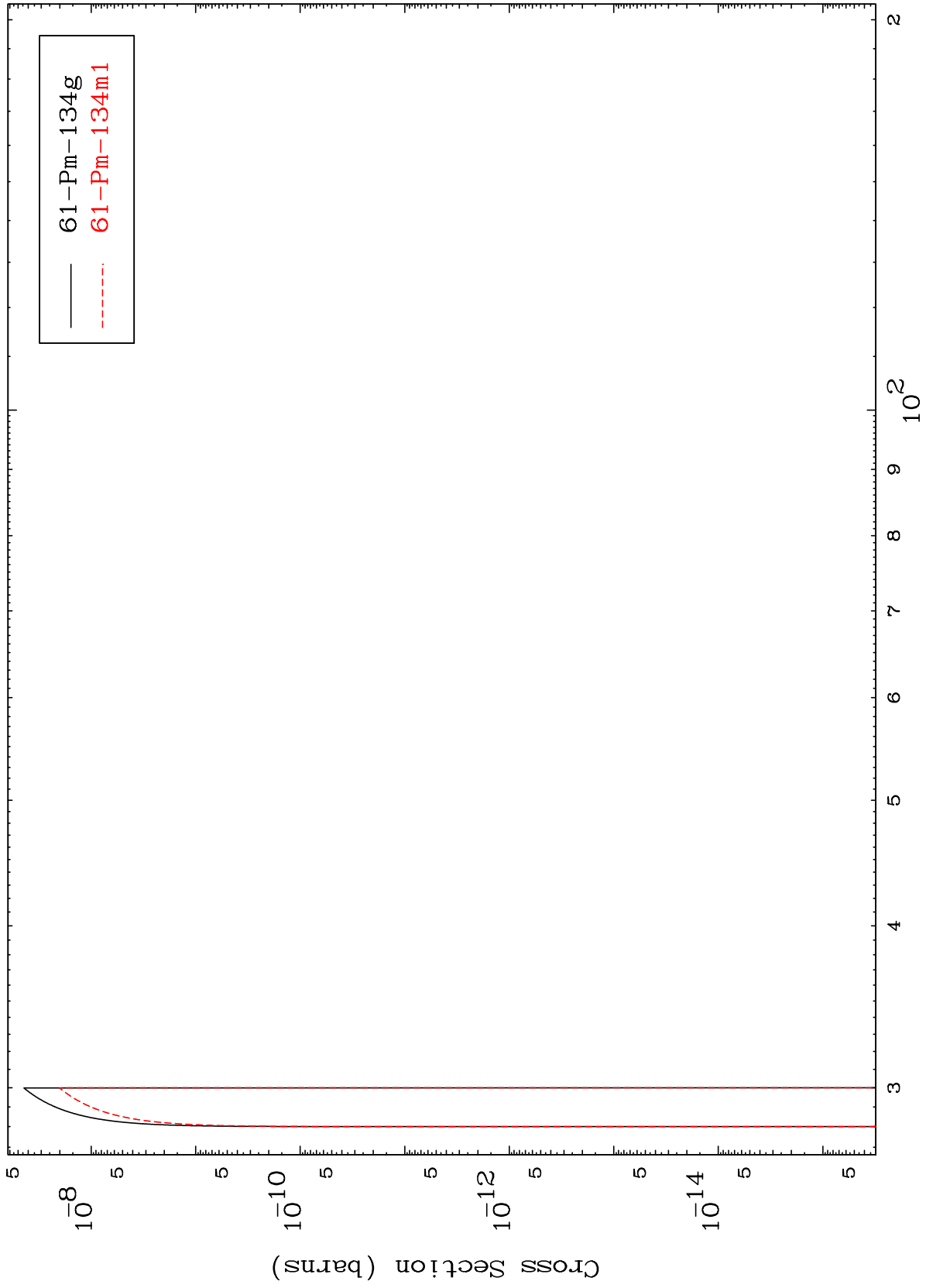
$^{60}\text{Nd}-^{133}$

MAT 5998

$(\alpha, 2n)$ p

$^{60}\text{Nd}-^{133}$

Radionuclide Production Cross Section



13

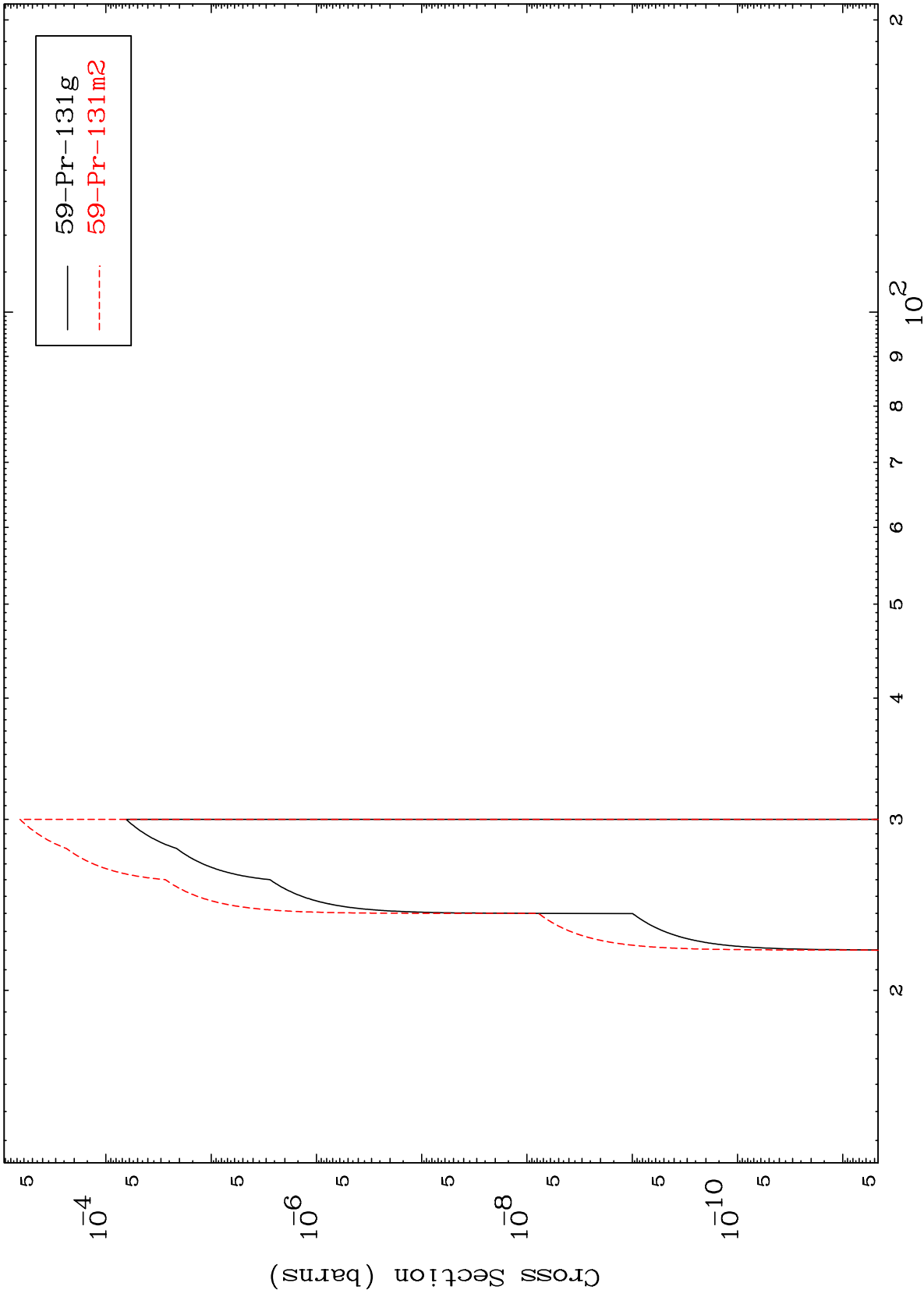
Incident Energy (MeV)

$^{60}\text{Nd}-^{133}$

MAT 5998

60-Nd-133

(α, n') p α
Radionuclide Production Cross Section



14

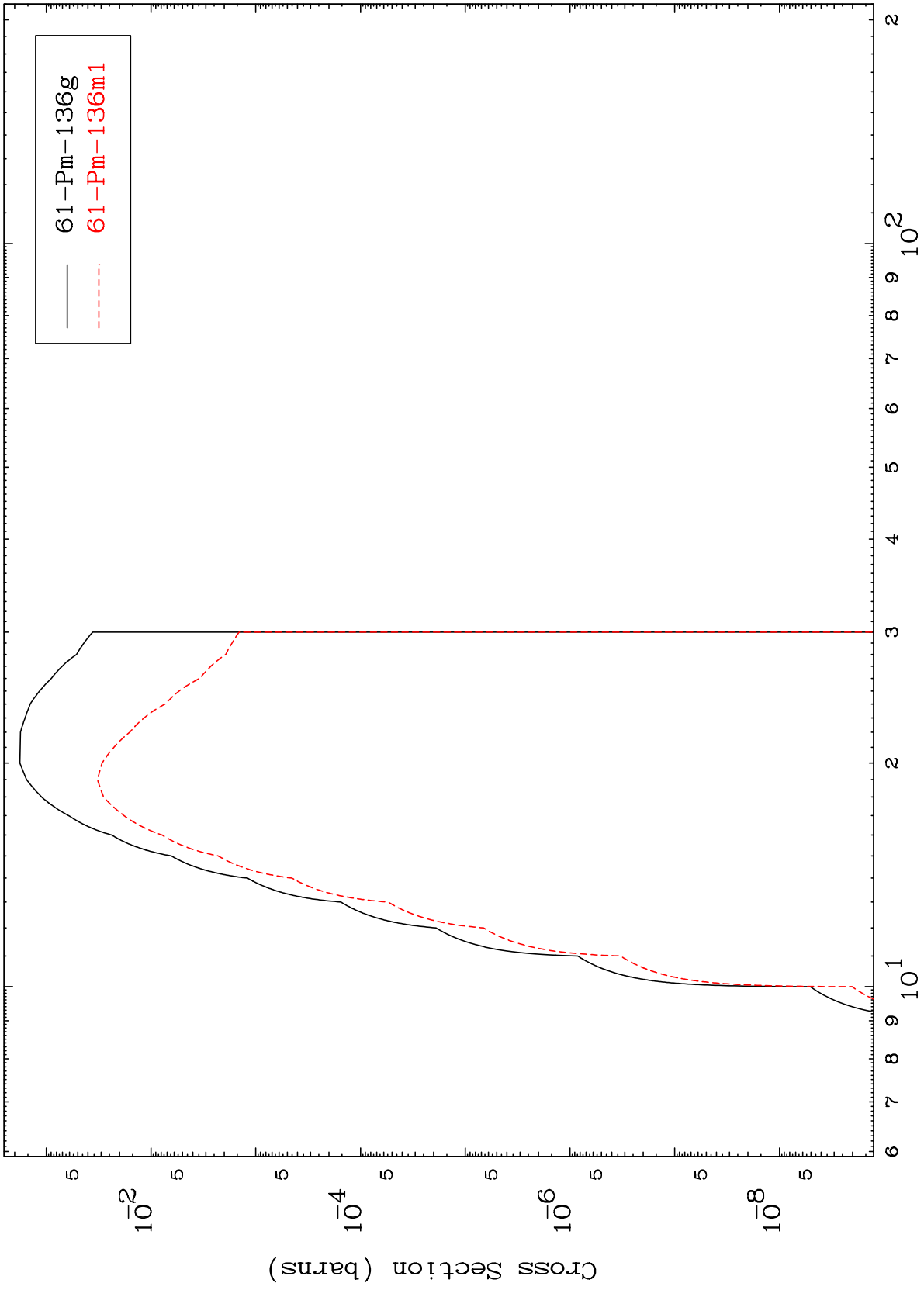
Incident Energy (MeV)

60-Nd-133

MAT 5998

60-Nd-133

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

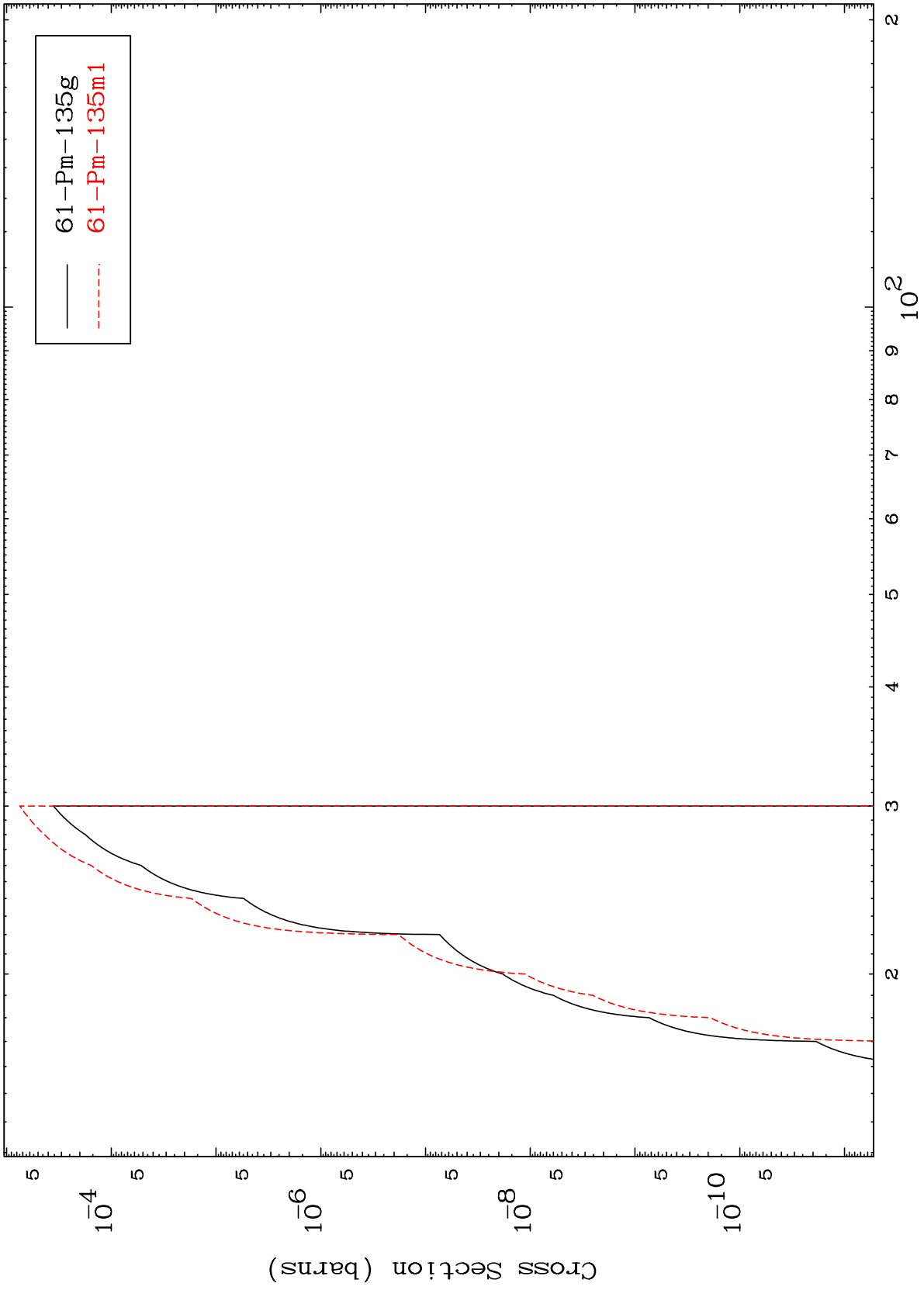
60-Nd-133

MAT 5998

(α, d)

$^{60}\text{Nd}-^{133}$

Radionuclide Production Cross Section



16

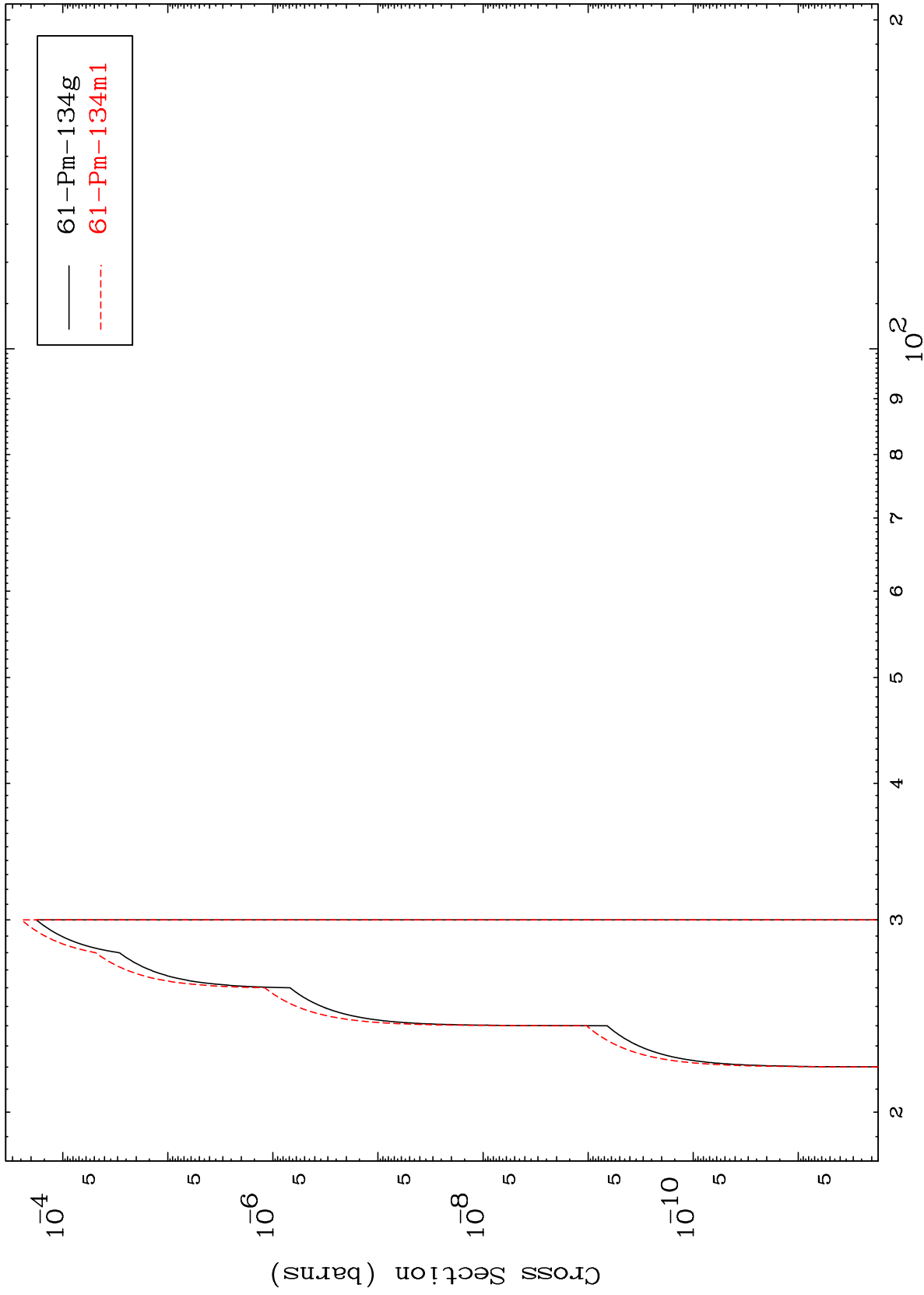
Incident Energy (MeV)

$^{60}\text{Nd}-^{133}$

MAT 5998

60-Nd-133

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

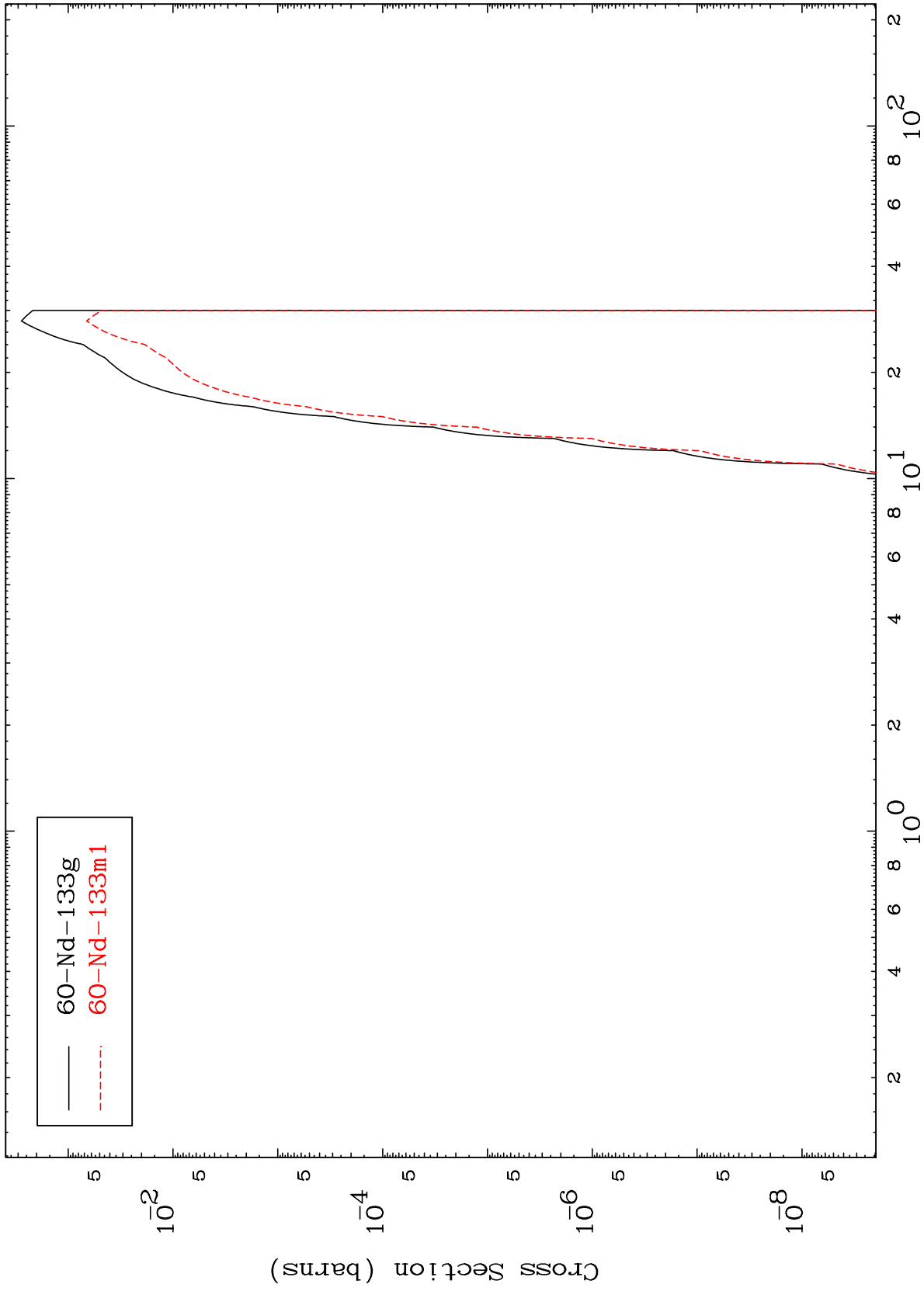
60-Nd-133

MAT 5998

(α, α)

60-Nd-133

Radionuclide Production Cross Section



18

Incident Energy (MeV)

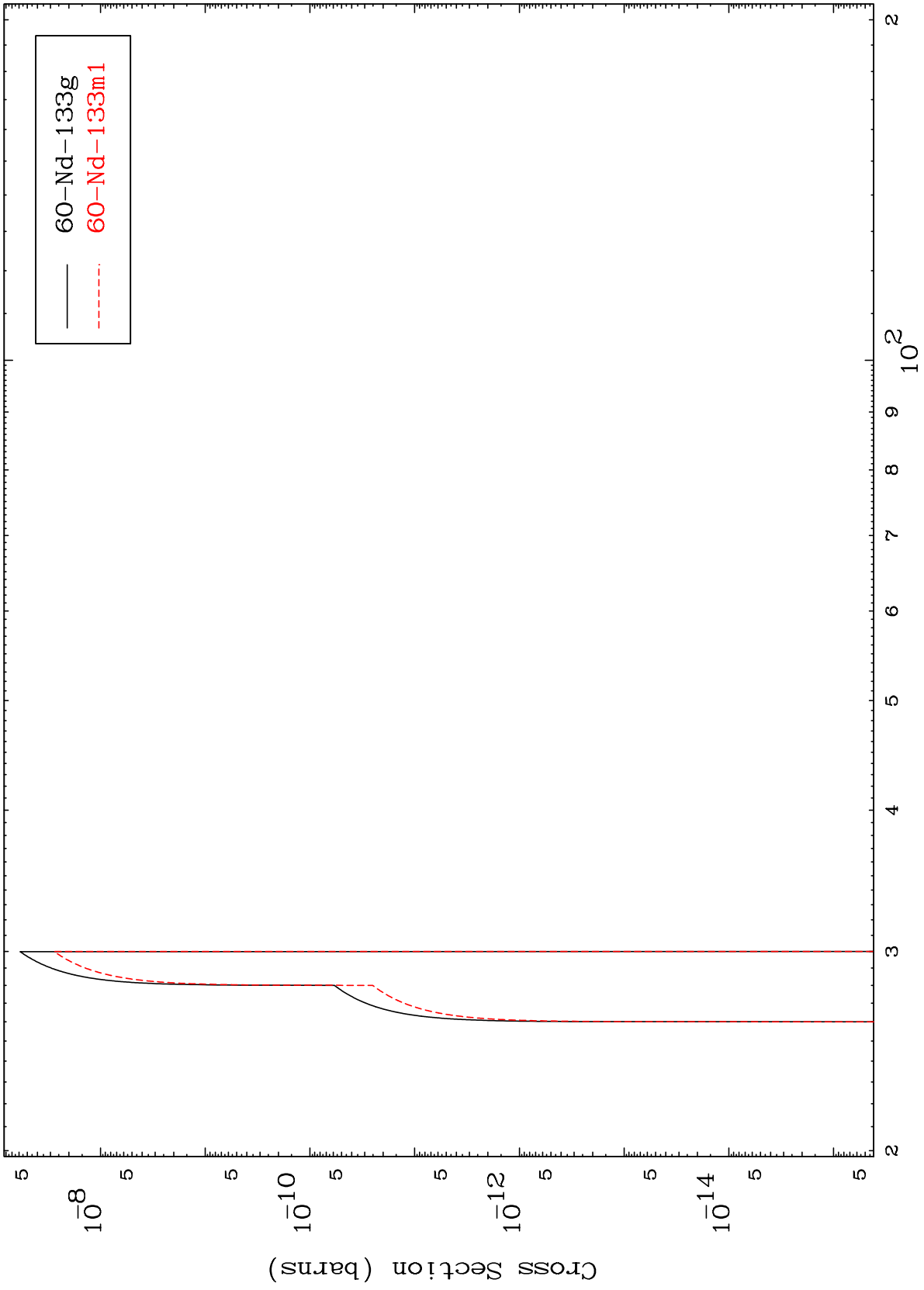
60-Nd-133

MAT 5998

(α, p) t

$^{60}\text{Nd-133}$

Radionuclide Production Cross Section



19

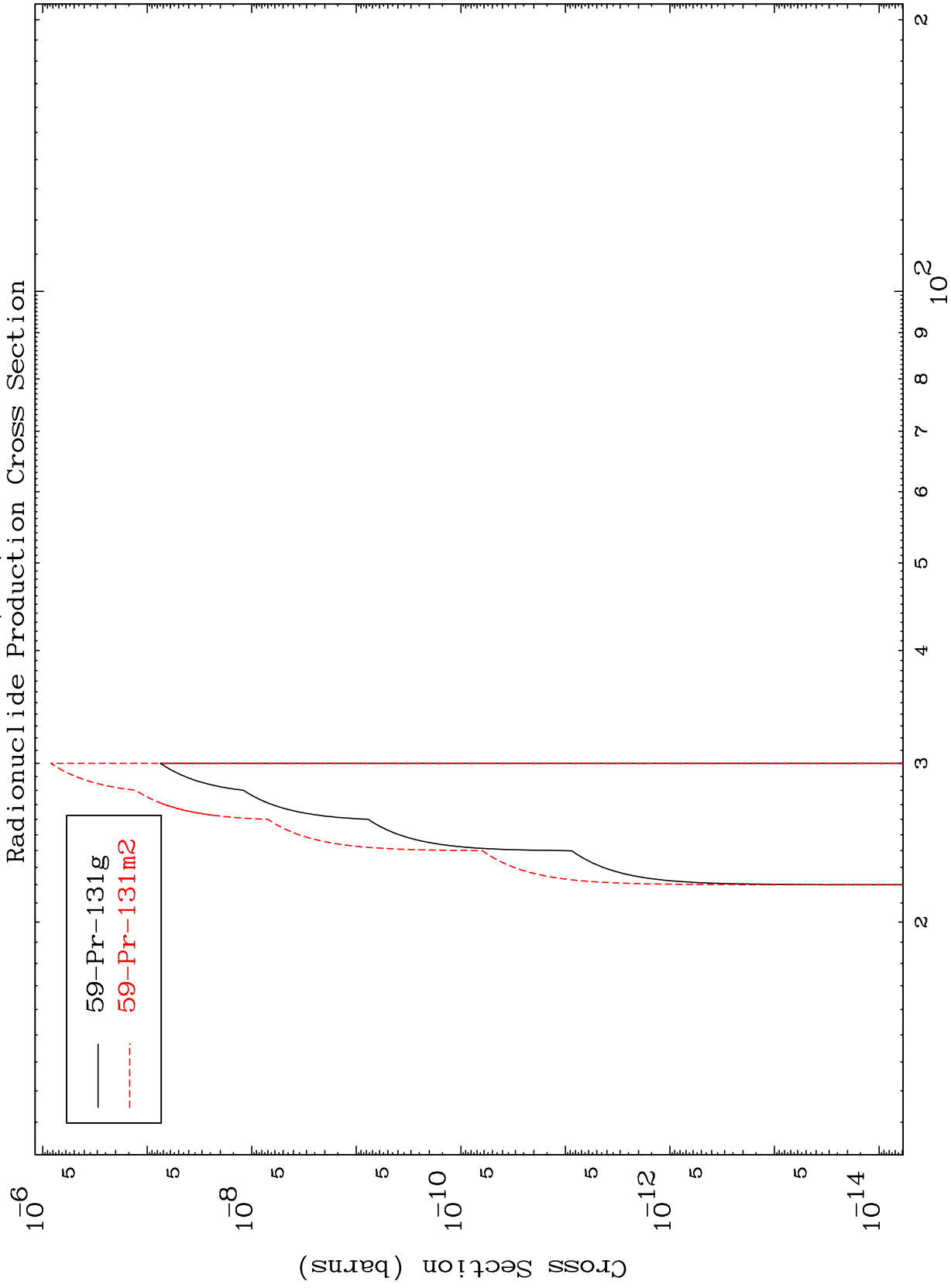
Incident Energy (MeV)

$^{60}\text{Nd-133}$

MAT 5998

(α, d) α

60-Nd-133



20

Incident Energy (MeV)

60-Nd-133