

Program EVALPLOT
(Version 2018-1)

by

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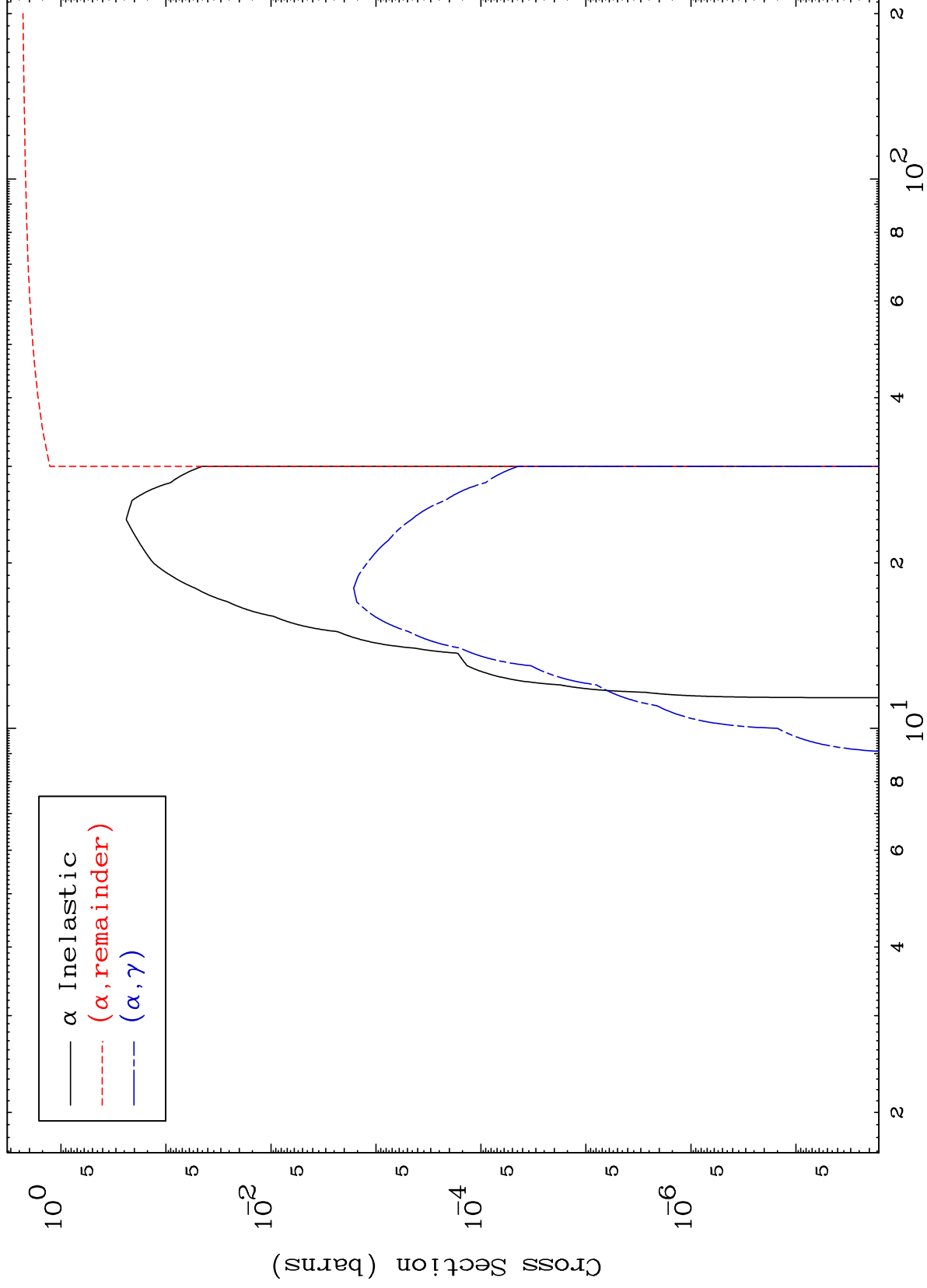
Press Mouse Button to Start

MAT 5999

α Major

0 Kelvin Cross Sections

60-Nd-133



1

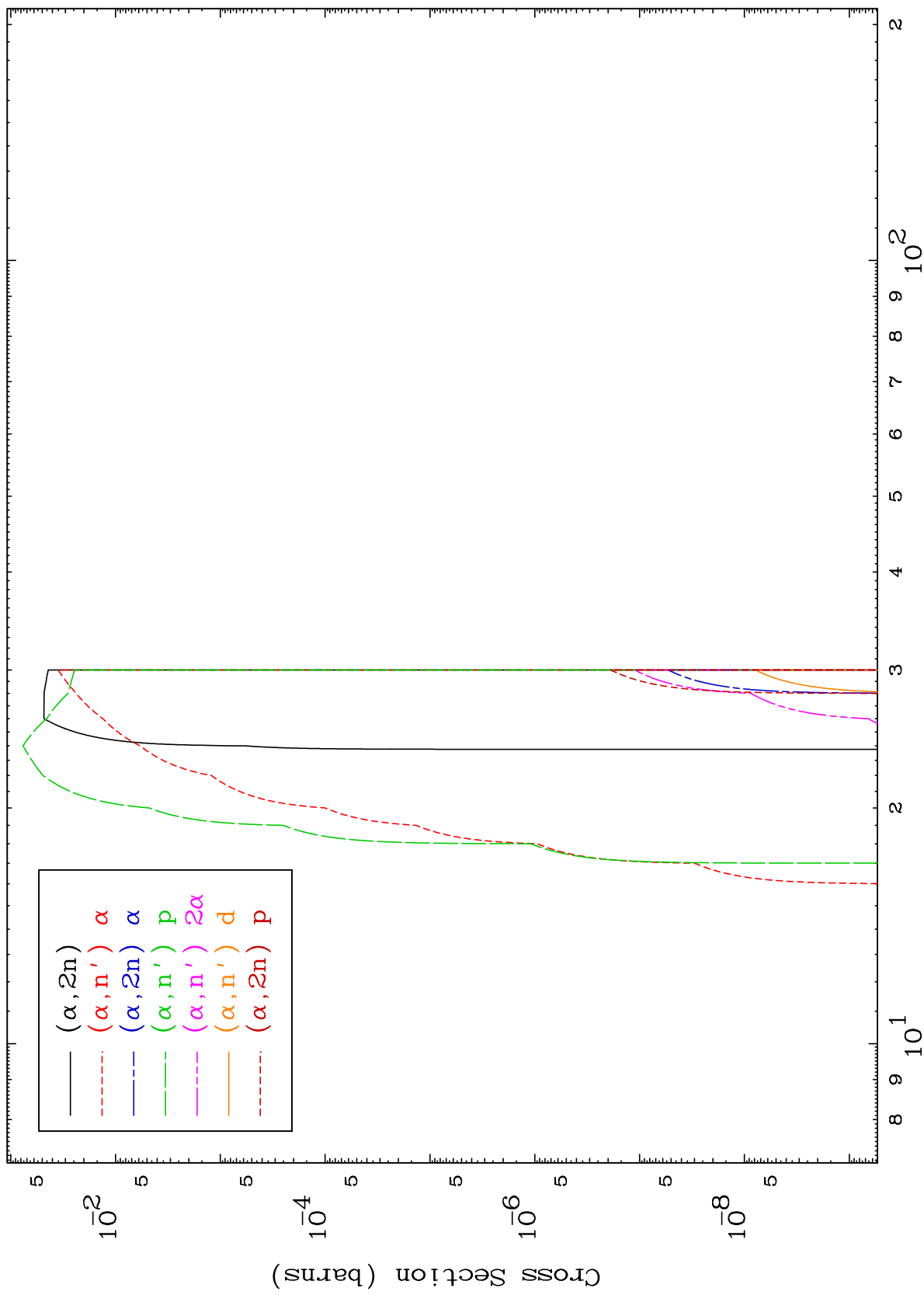
Incident Energy (MeV)

60-Nd-133

MAT 5999

α Neutron Production
0 Kelvin Cross Sections

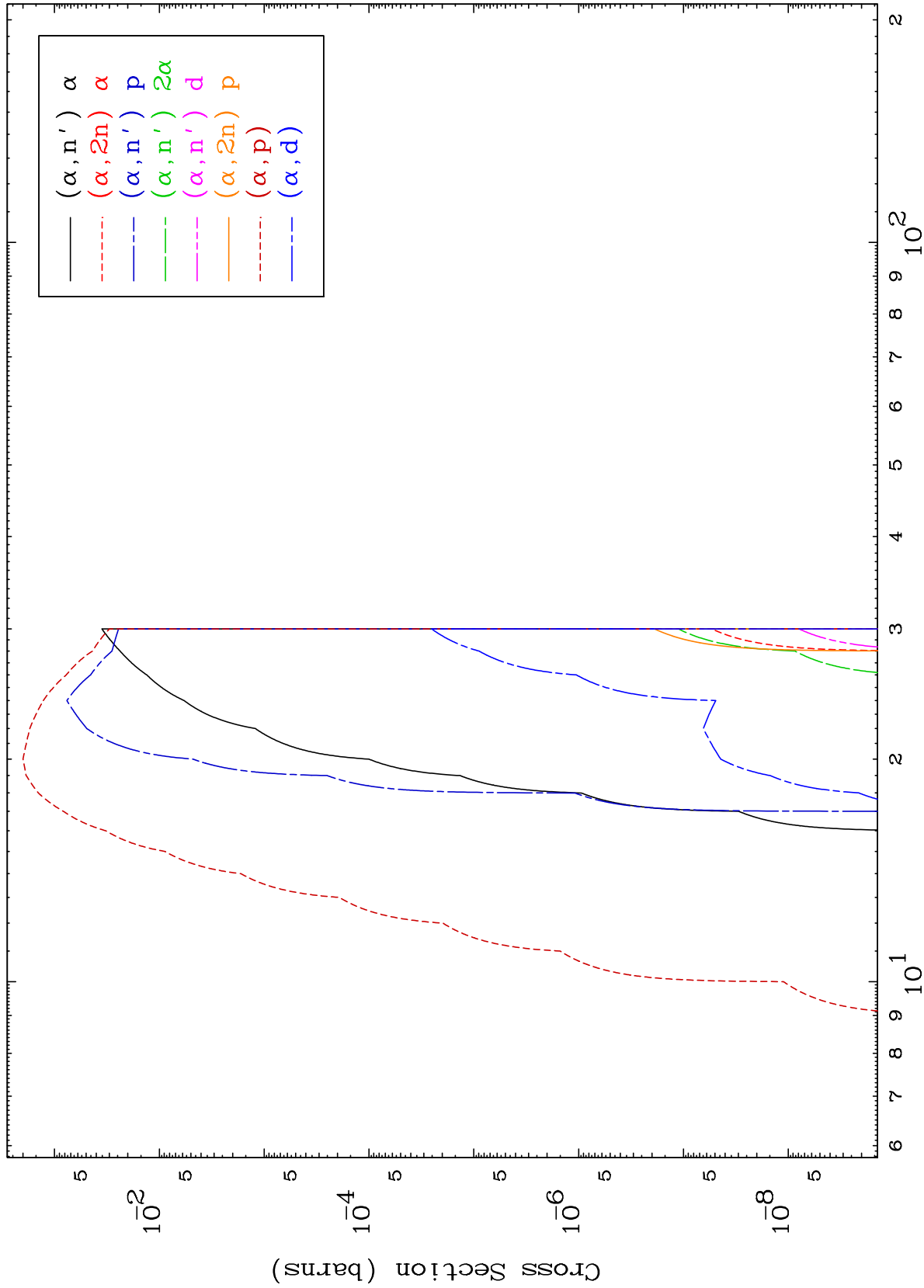
60-Nd-133



2

Incident Energy (MeV)

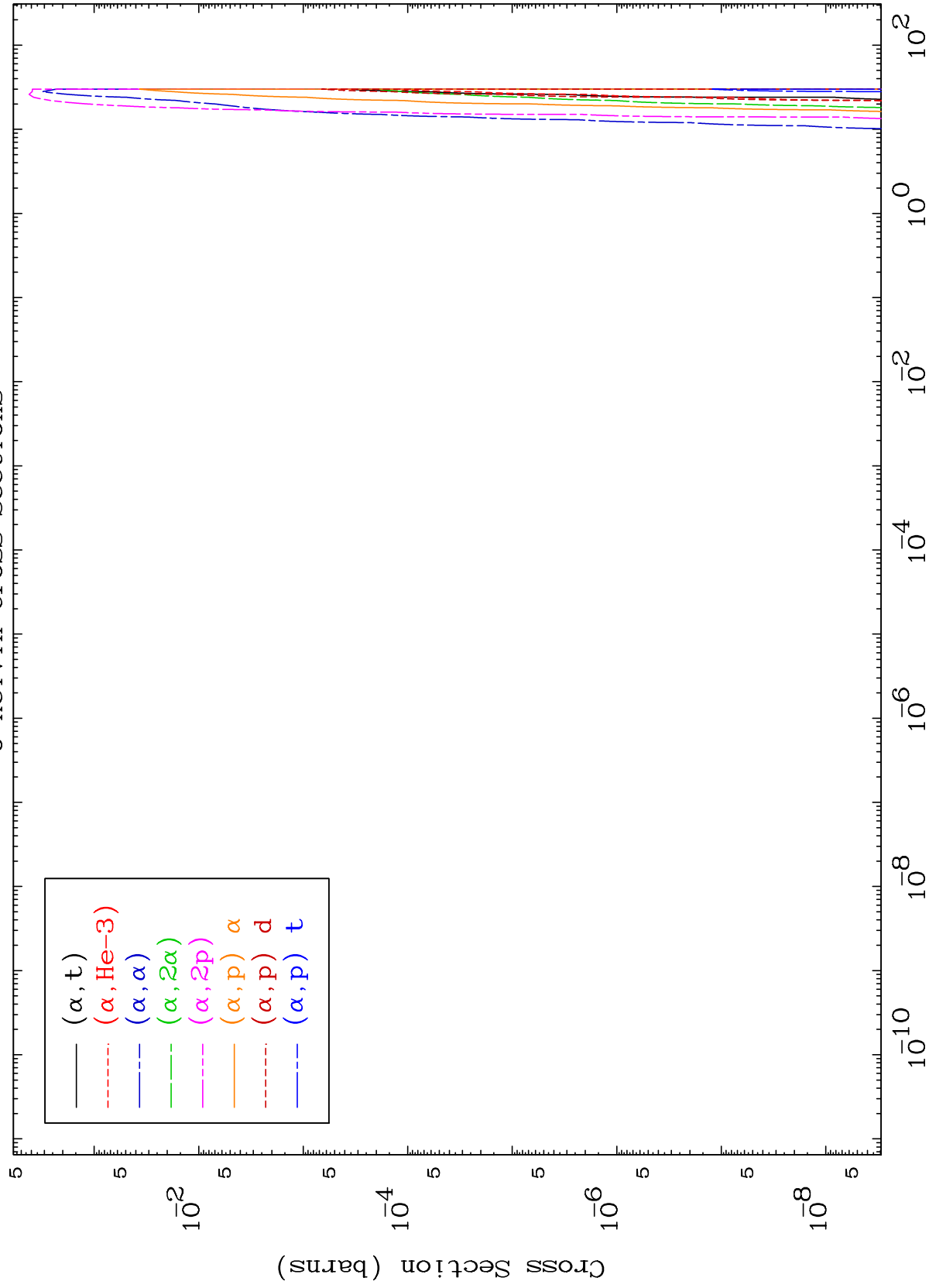
60-Nd-133



MAT 5999

α Charged Particle
0 Kelvin Cross Sections

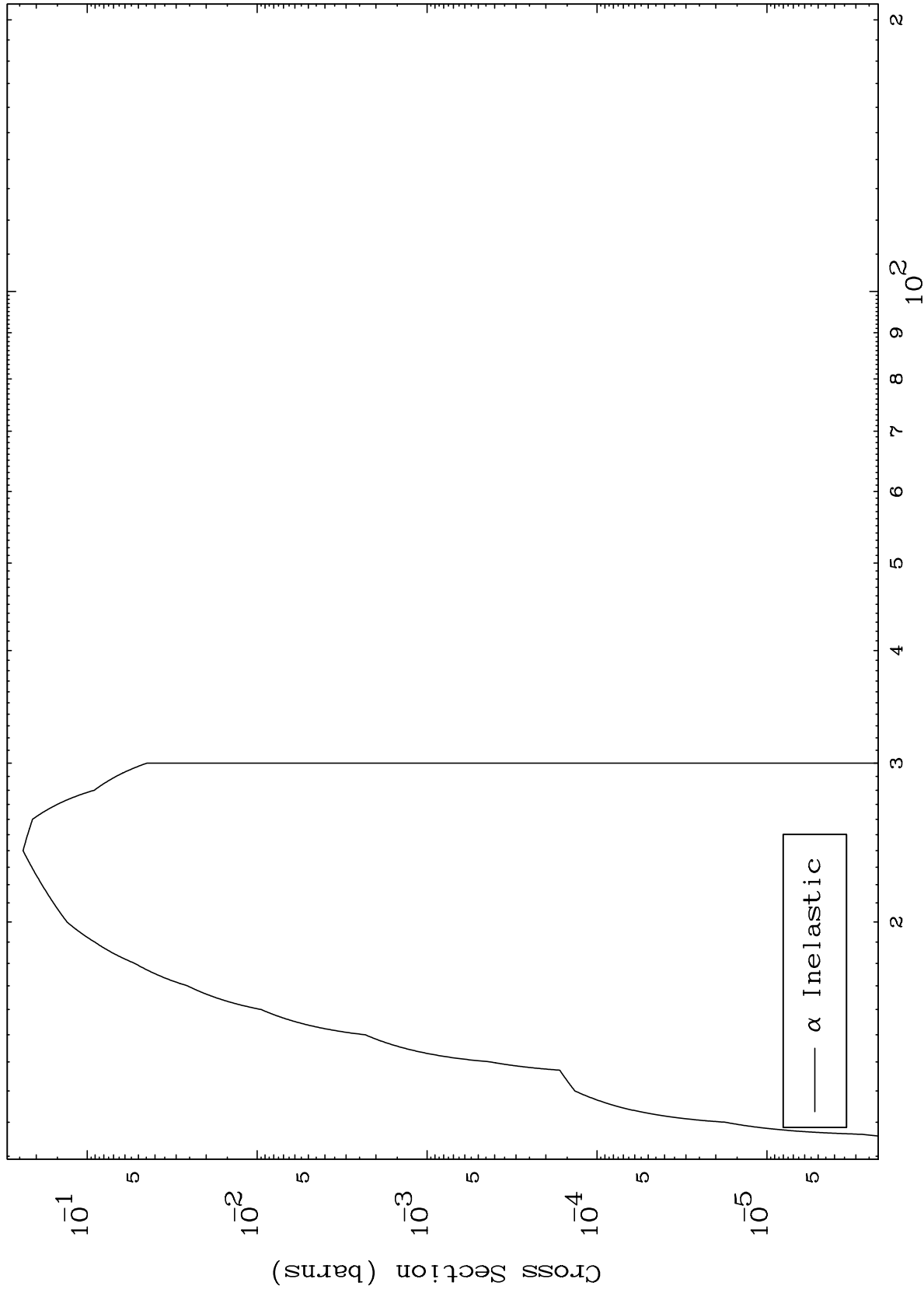
60-Nd-133



MAT 5999

(α, n') Level
0 Kelvin Cross Sections

60-Nd-133



5

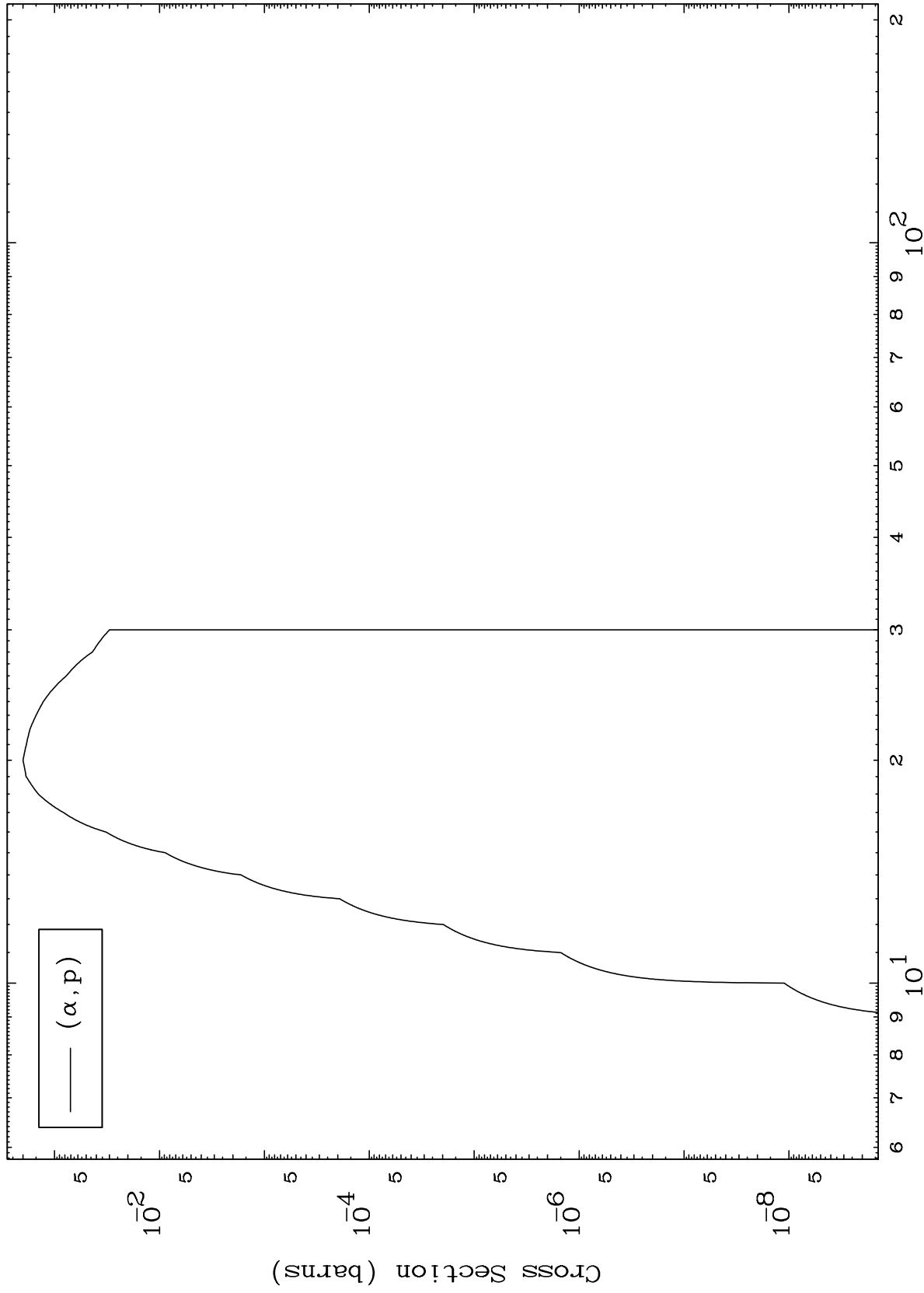
Incident Energy (MeV)

60-Nd-133

MAT 5999

60-Nd-133

(α ,p) Levels
0 Kelvin Cross Sections



6

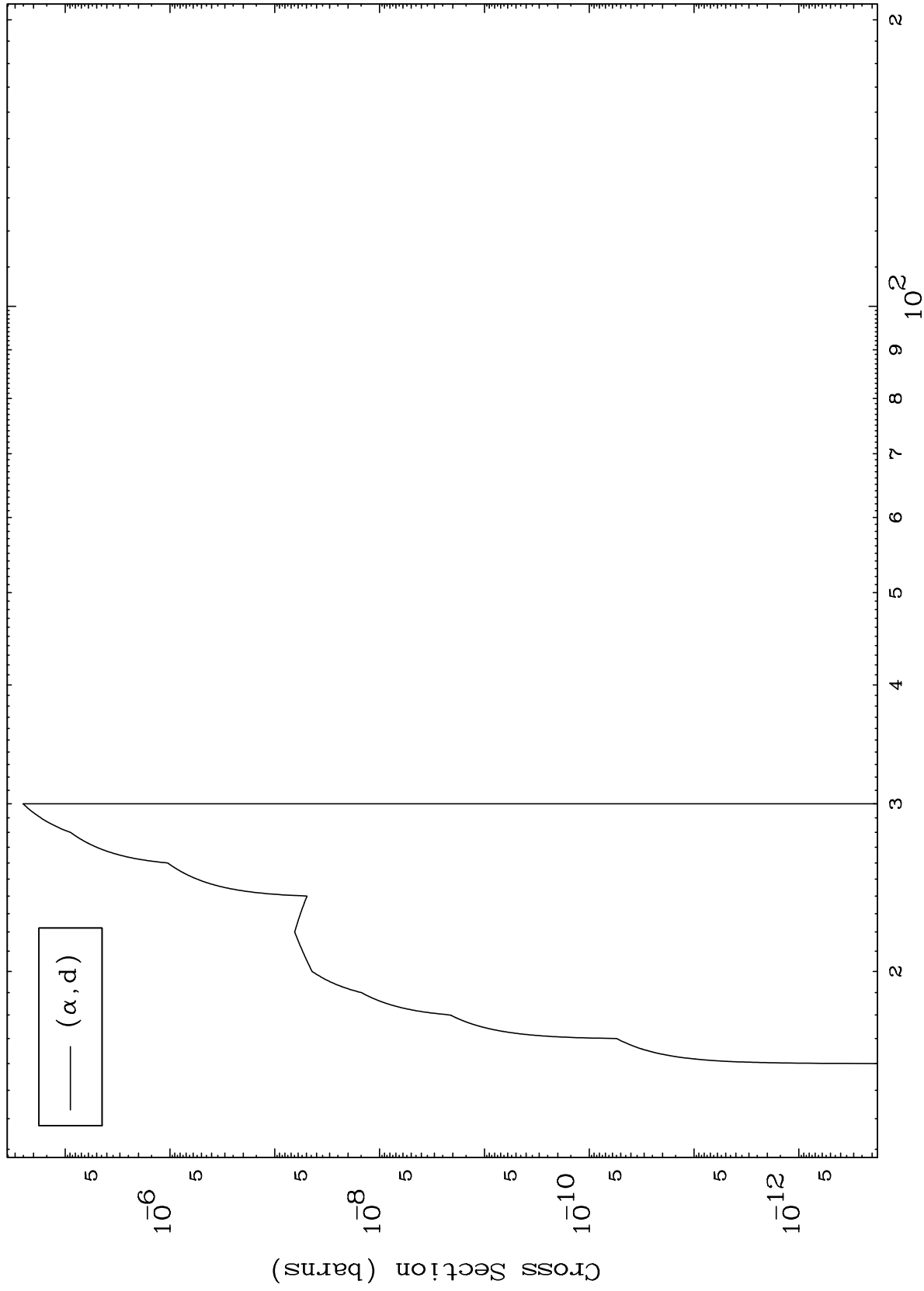
Incident Energy (MeV)

60-Nd-133

MAT 5999

60-Nd-133

(α ,d) Levels
0 Kelvin Cross Sections



7

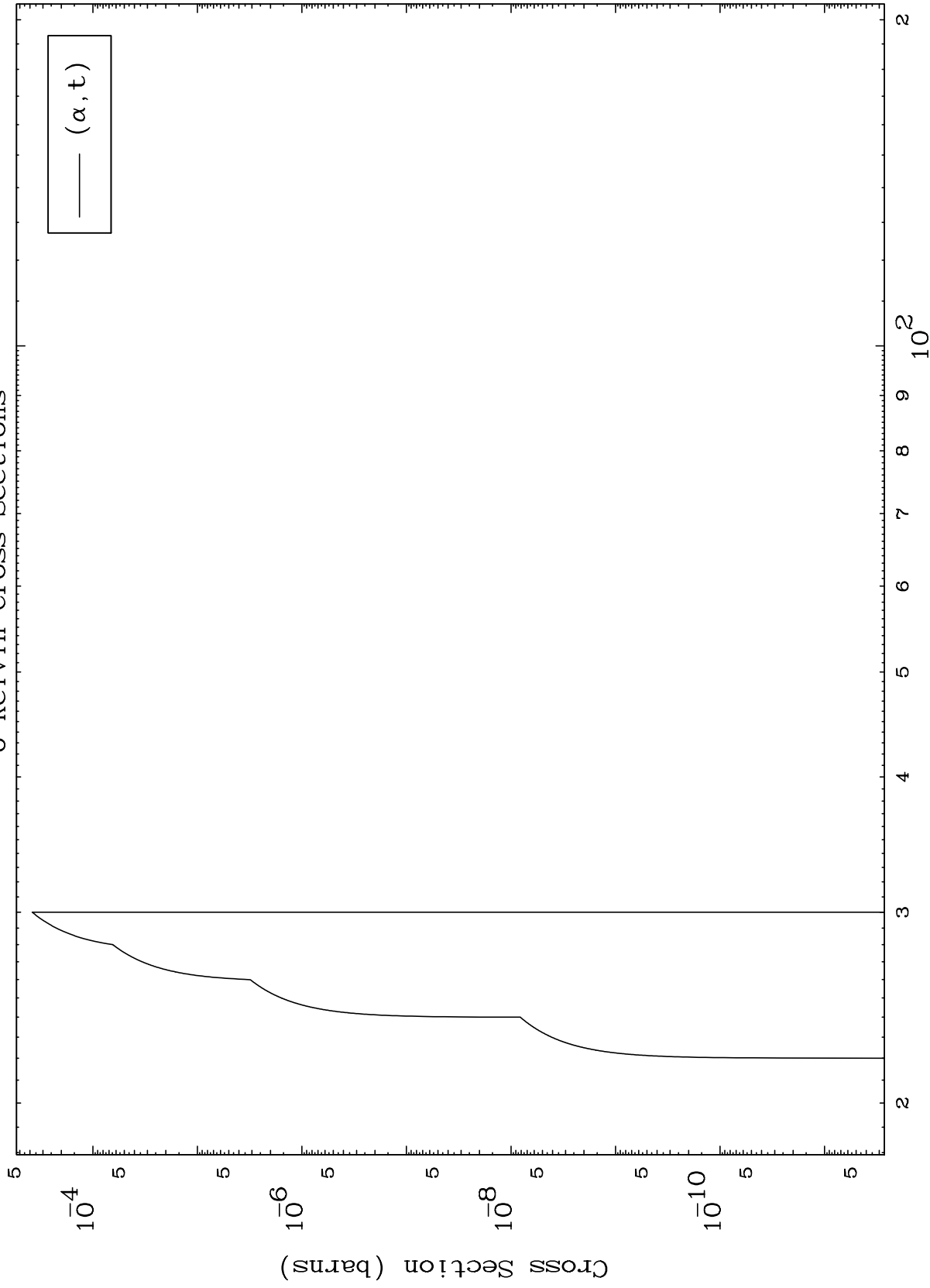
60-Nd-133

Incident Energy (MeV)

MAT 5999

60-Nd-133

(α, t) Levels
0 Kelvin Cross Sections



8

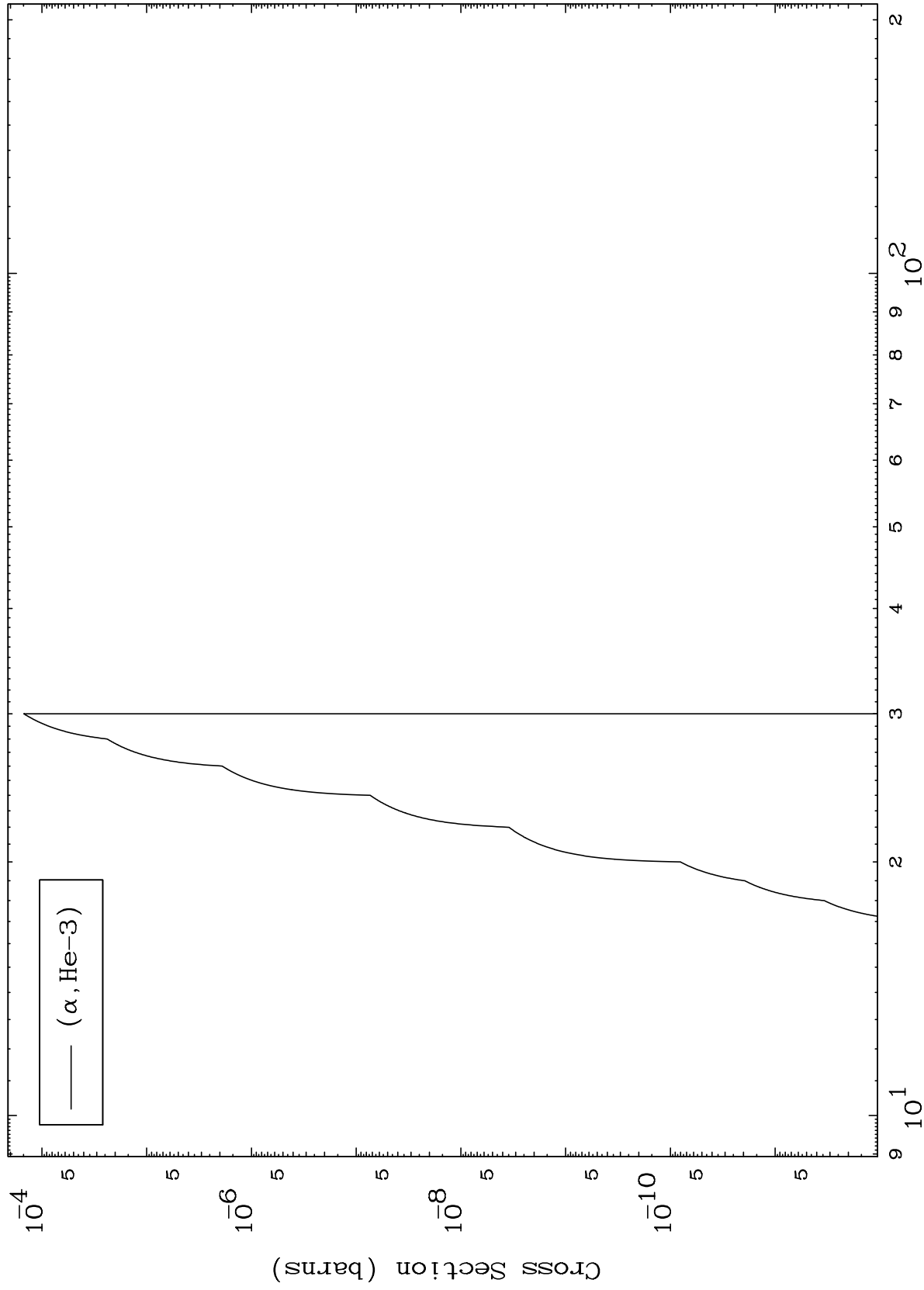
Incident Energy (MeV)

60-Nd-133

MAT 5999

60-Nd-133

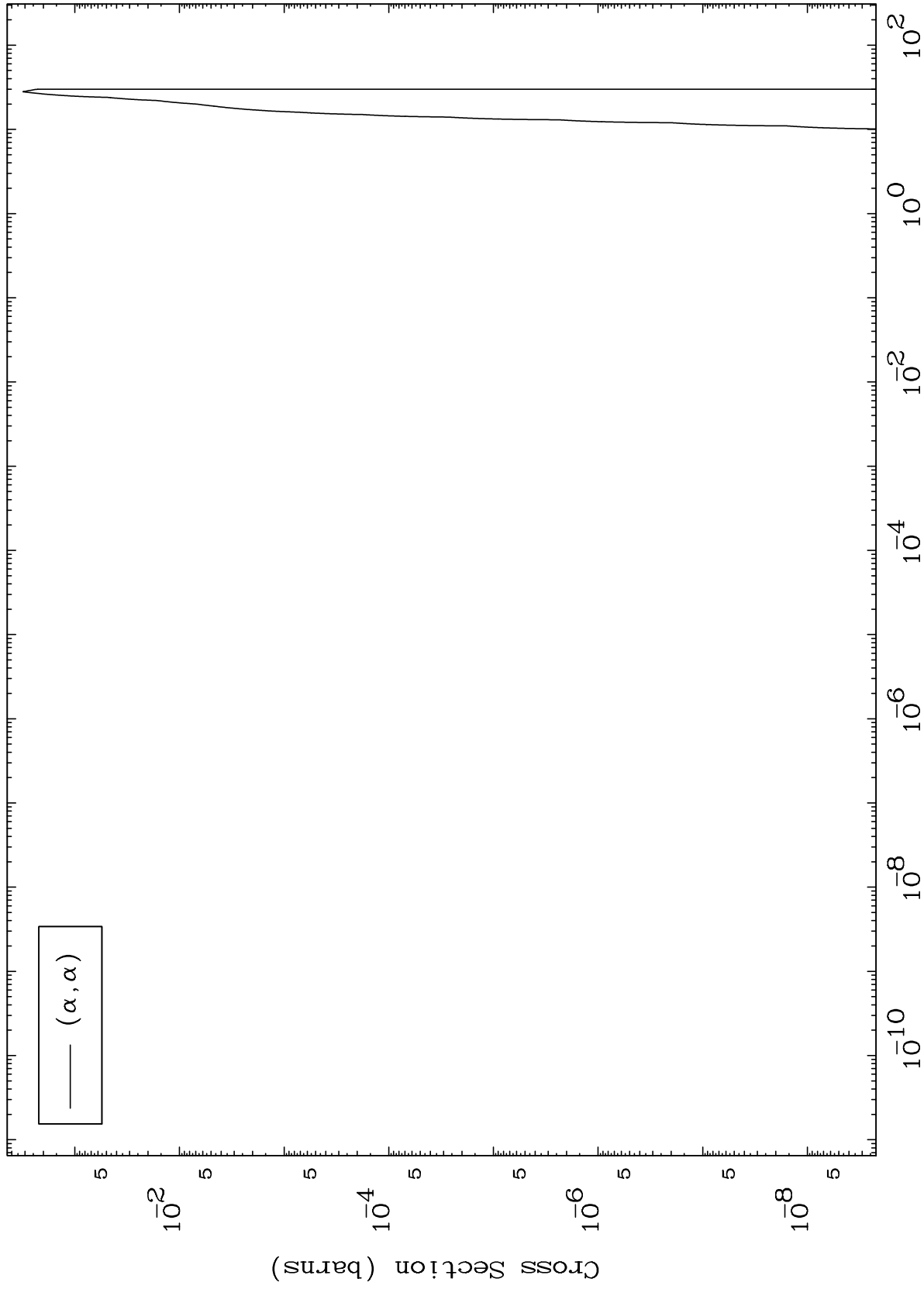
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 5999

(α, α) Levels
0 Kelvin Cross Sections

60-Nd-133



10

10^{-10}

10^{-8}

10^{-6}

10^{-4}

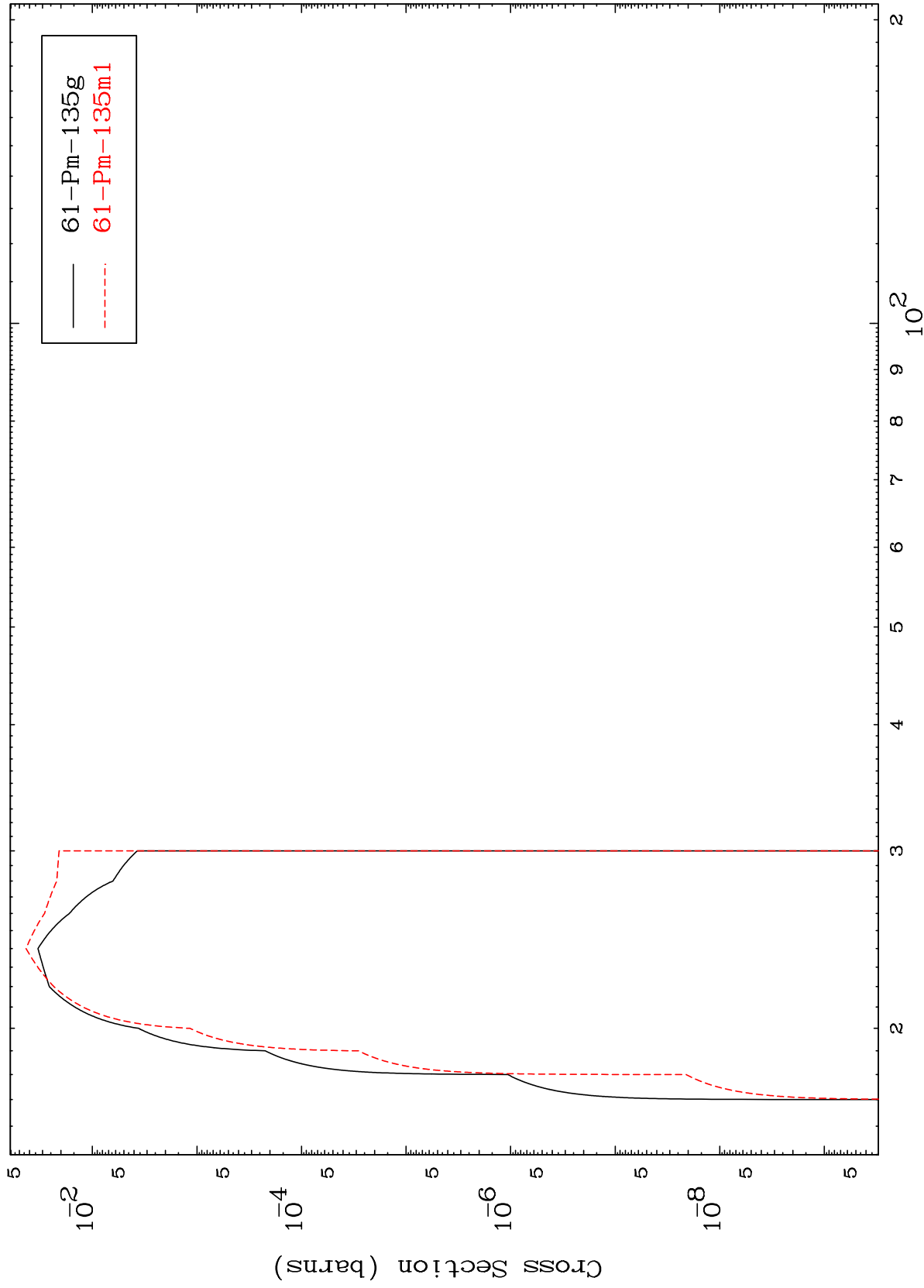
10^{-2}

10^0

10^2

60-Nd-133

(α, n') p
Radionuclide Production Cross Section

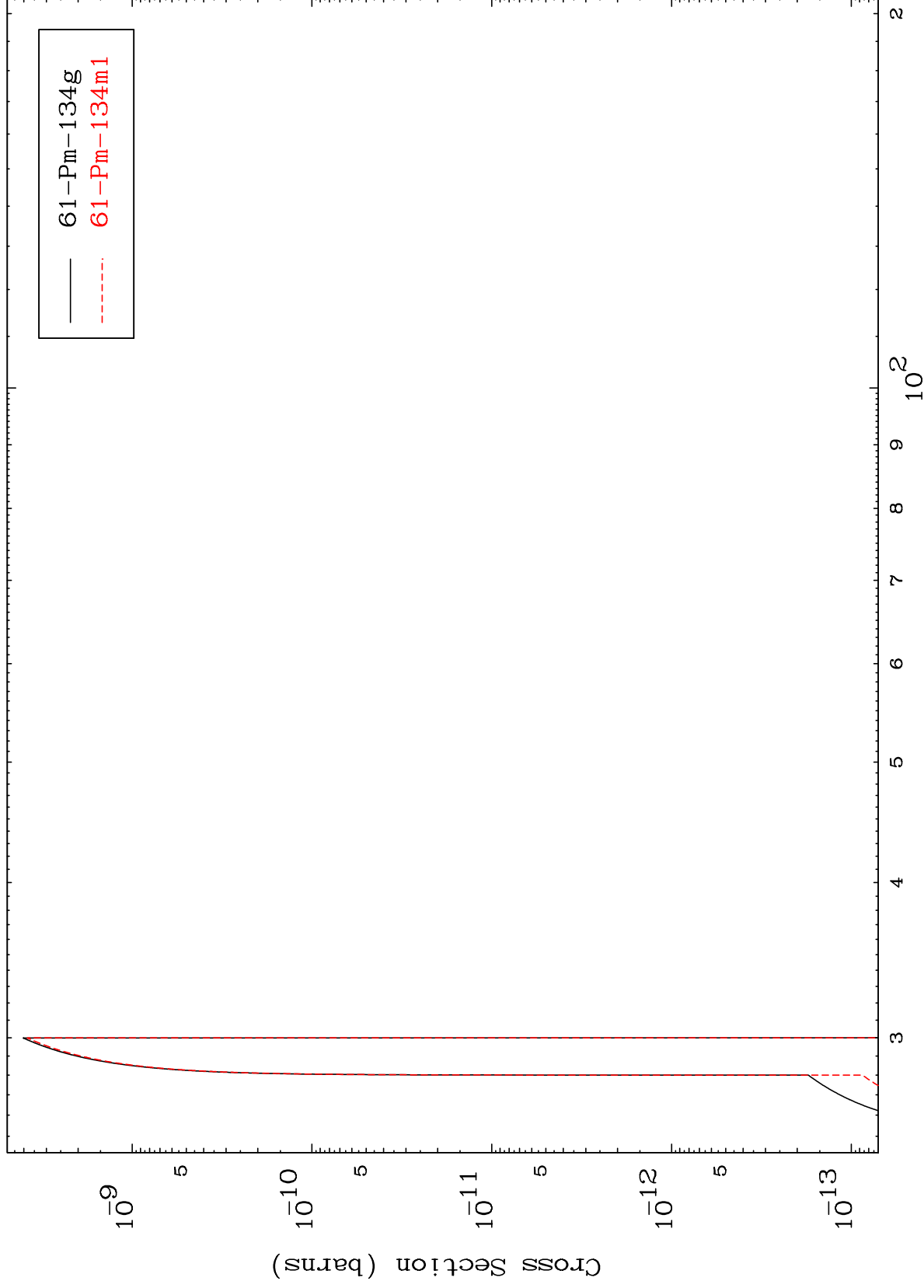


MAT 5999

(α, n') d

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

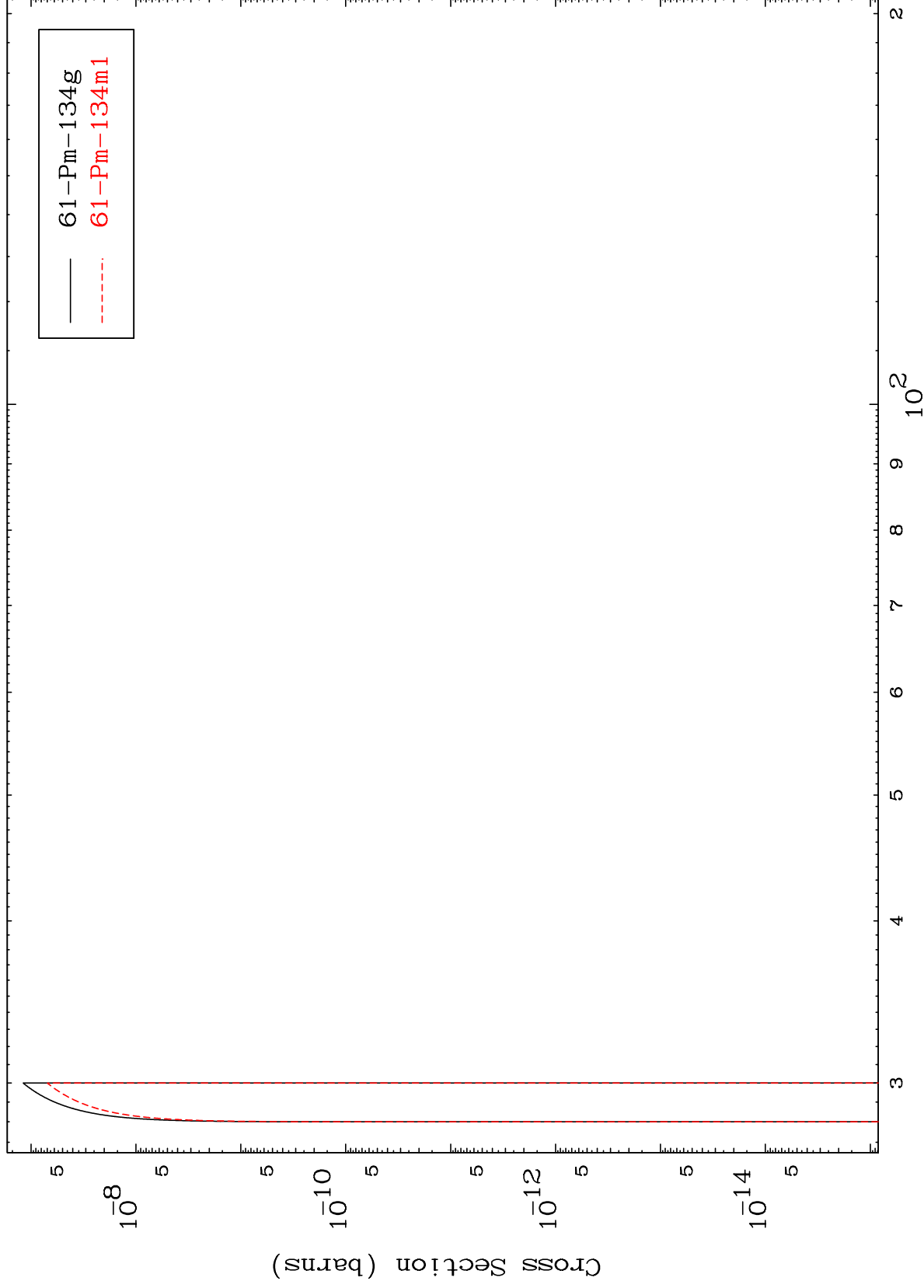
$^{60}\text{Nd}-^{133}$

MAT 5999

$(\alpha, 2n)$ p

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

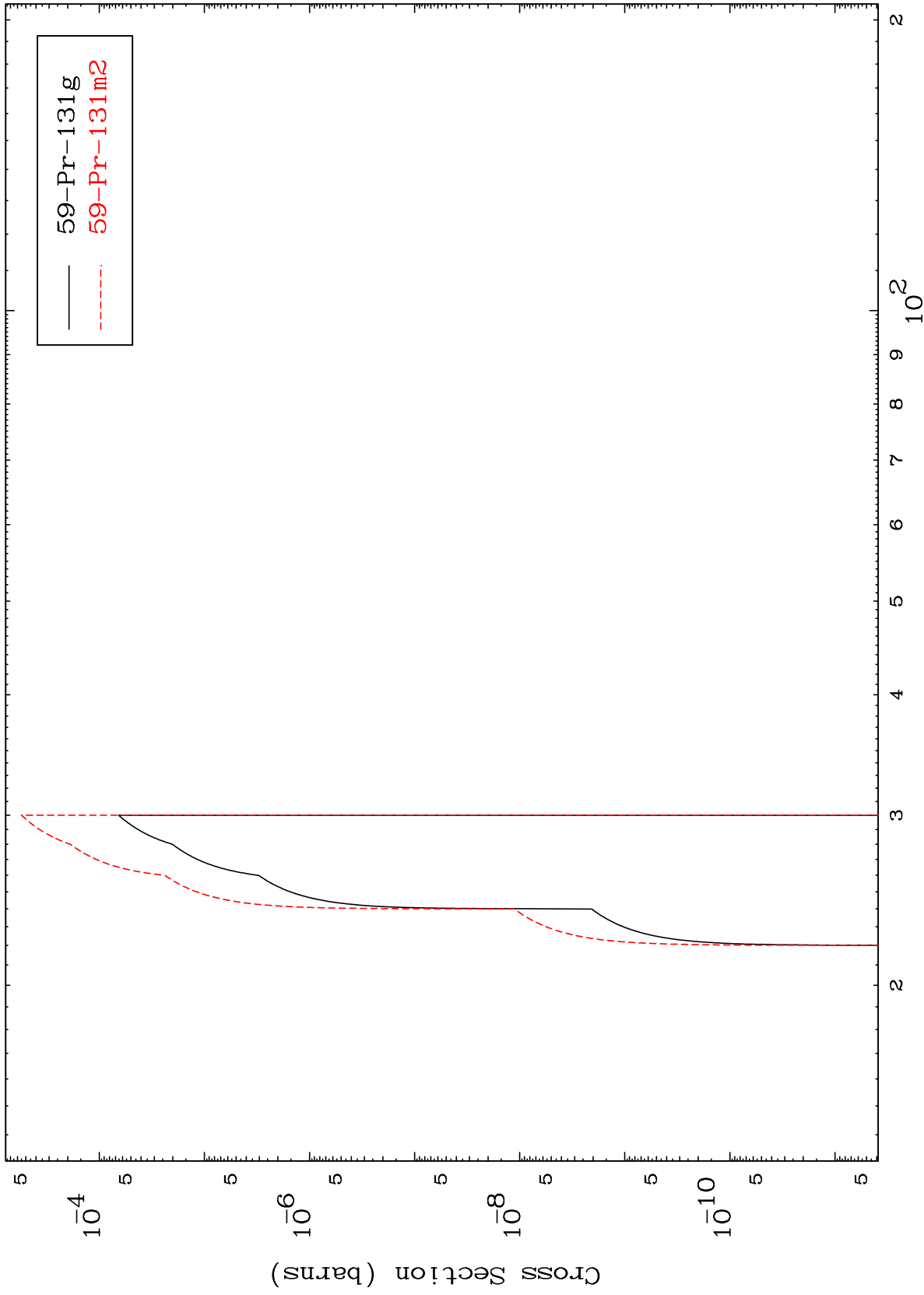
$^{60}\text{Nd}-^{133}$

MAT 5999

(α, n') p α

60-Nd-133

Radionuclide Production Cross Section



14

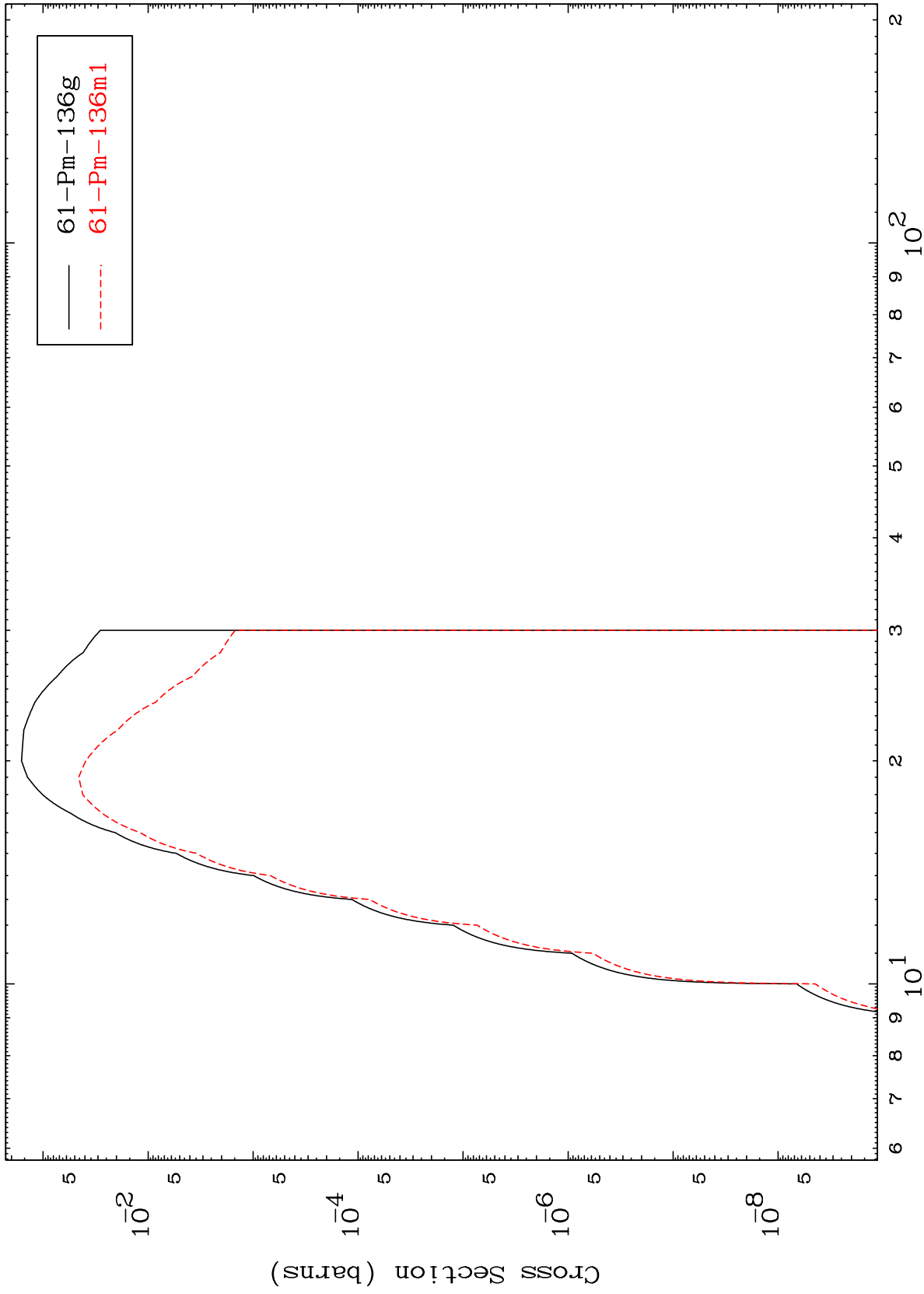
Incident Energy (MeV)

60-Nd-133

MAT 5999

60-Nd-133

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

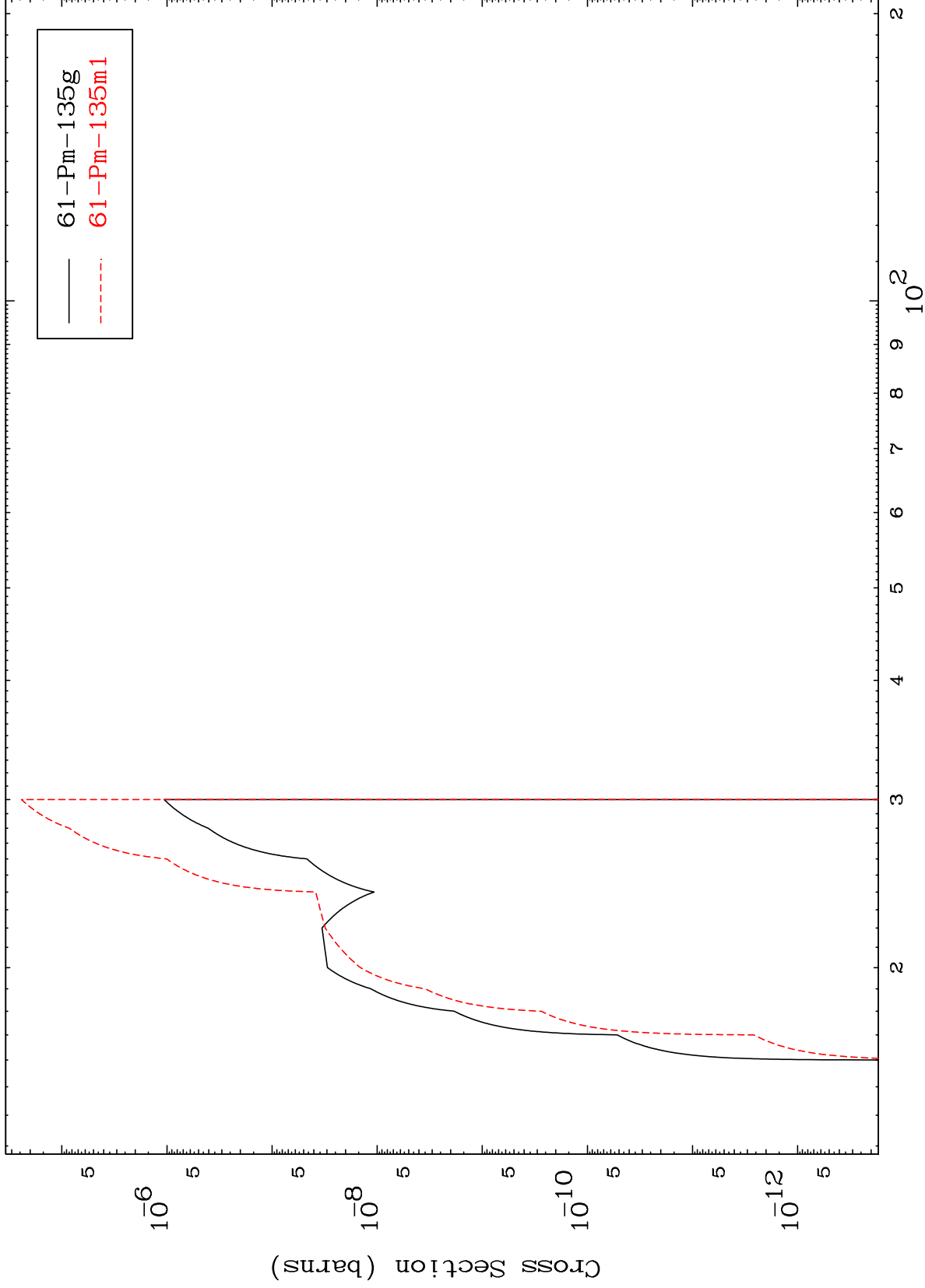
60-Nd-133

MAT 5999

(α, d)

60-Nd-133

Radionuclide Production Cross Section



16

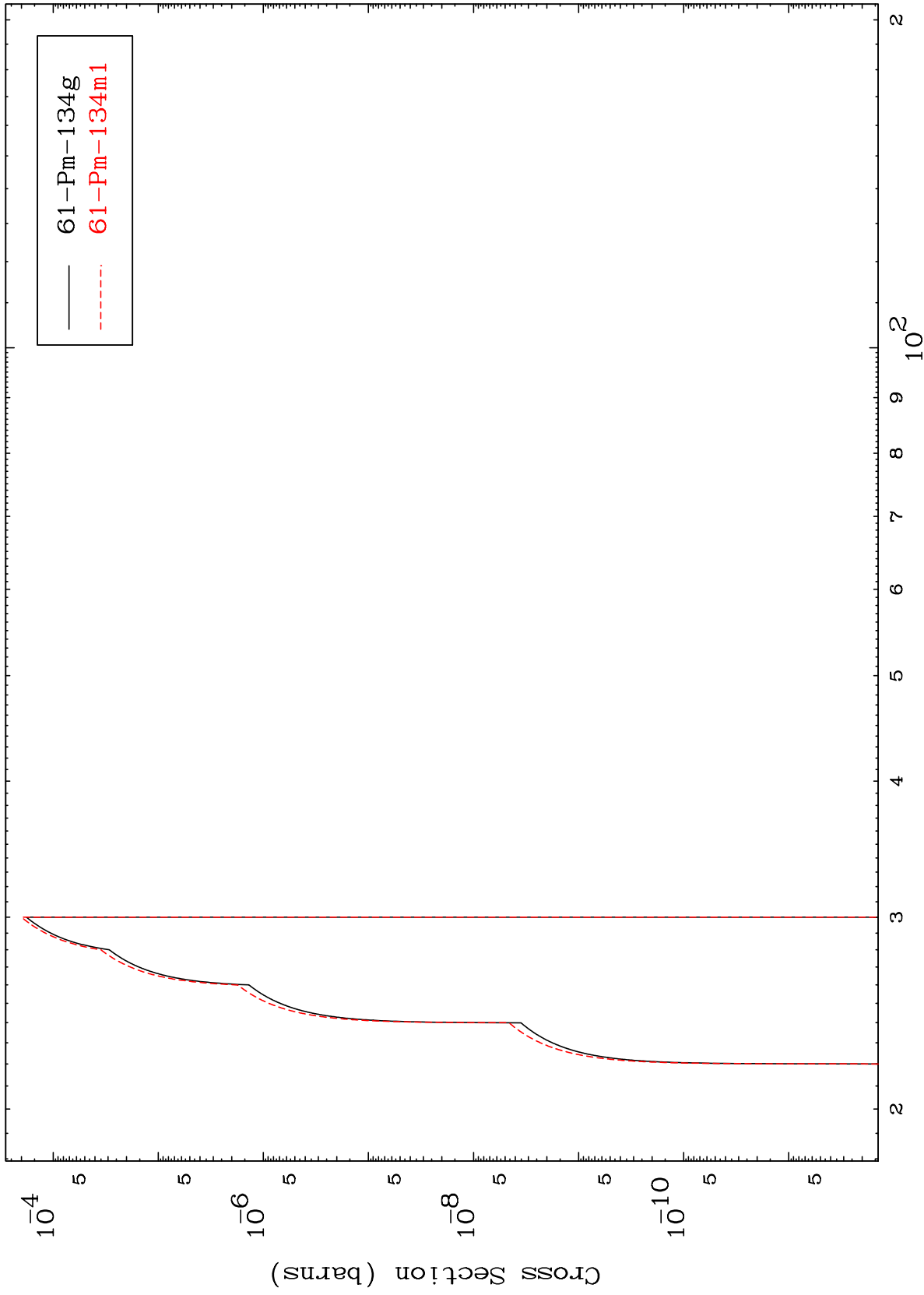
Incident Energy (MeV)

60-Nd-133

MAT 5999

60-Nd-133

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

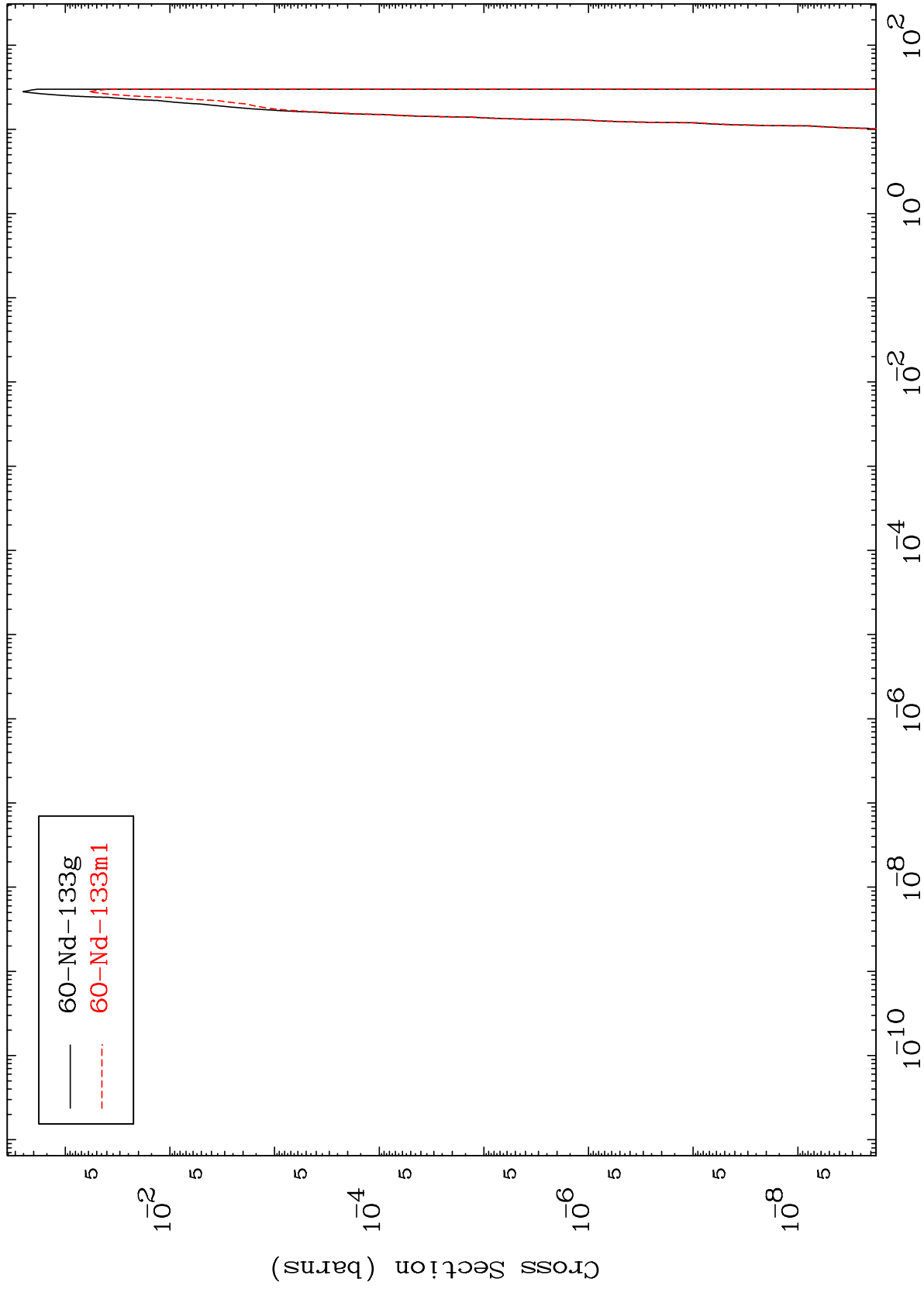
60-Nd-133

MAT 5999

(α, α)

60-Nd-133

Radionuclide Production Cross Section



18

Incident Energy (MeV)

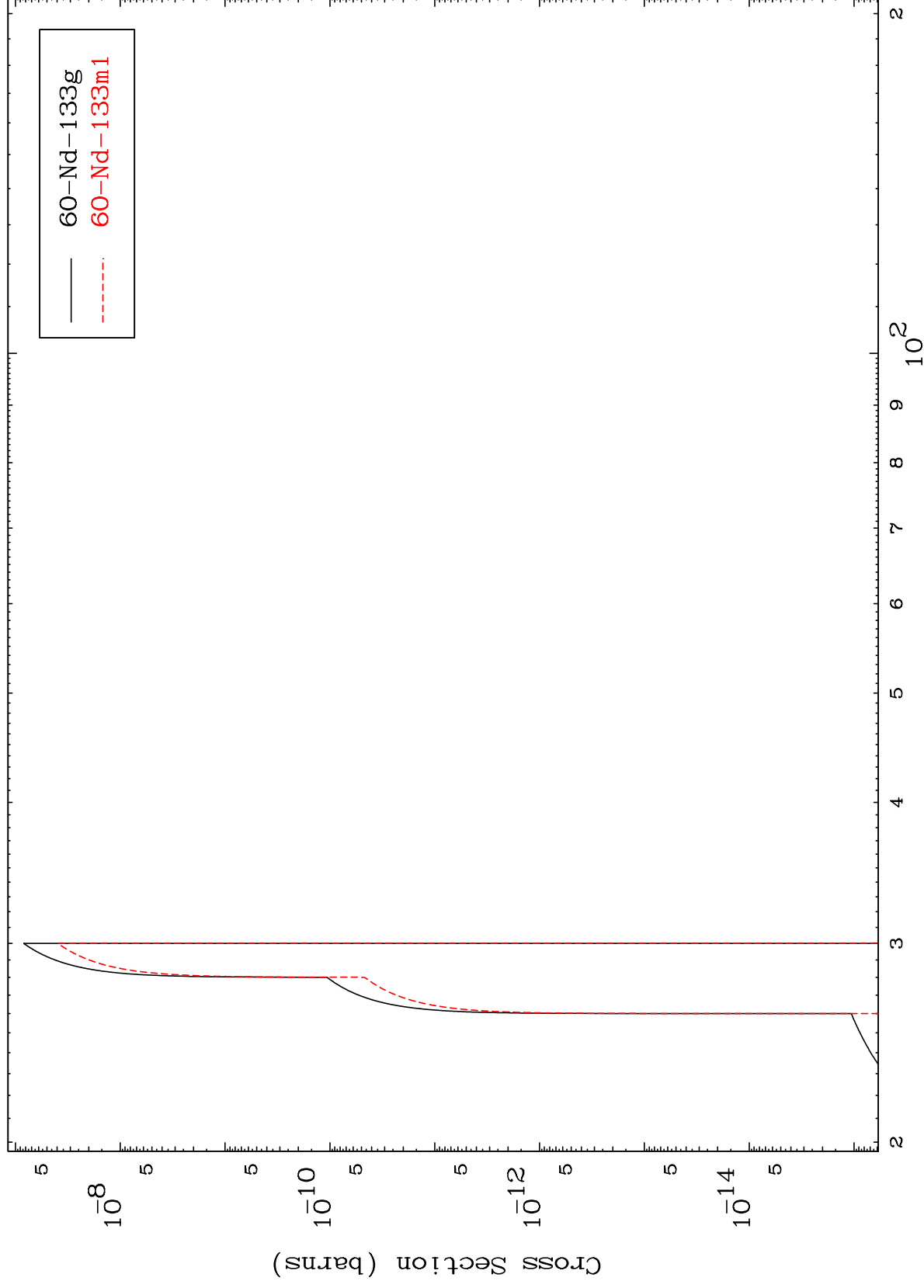
60-Nd-133

MAT 5999

(α, p) t

60-Nd-133

Radionuclide Production Cross Section



19

Incident Energy (MeV)

60-Nd-133

