

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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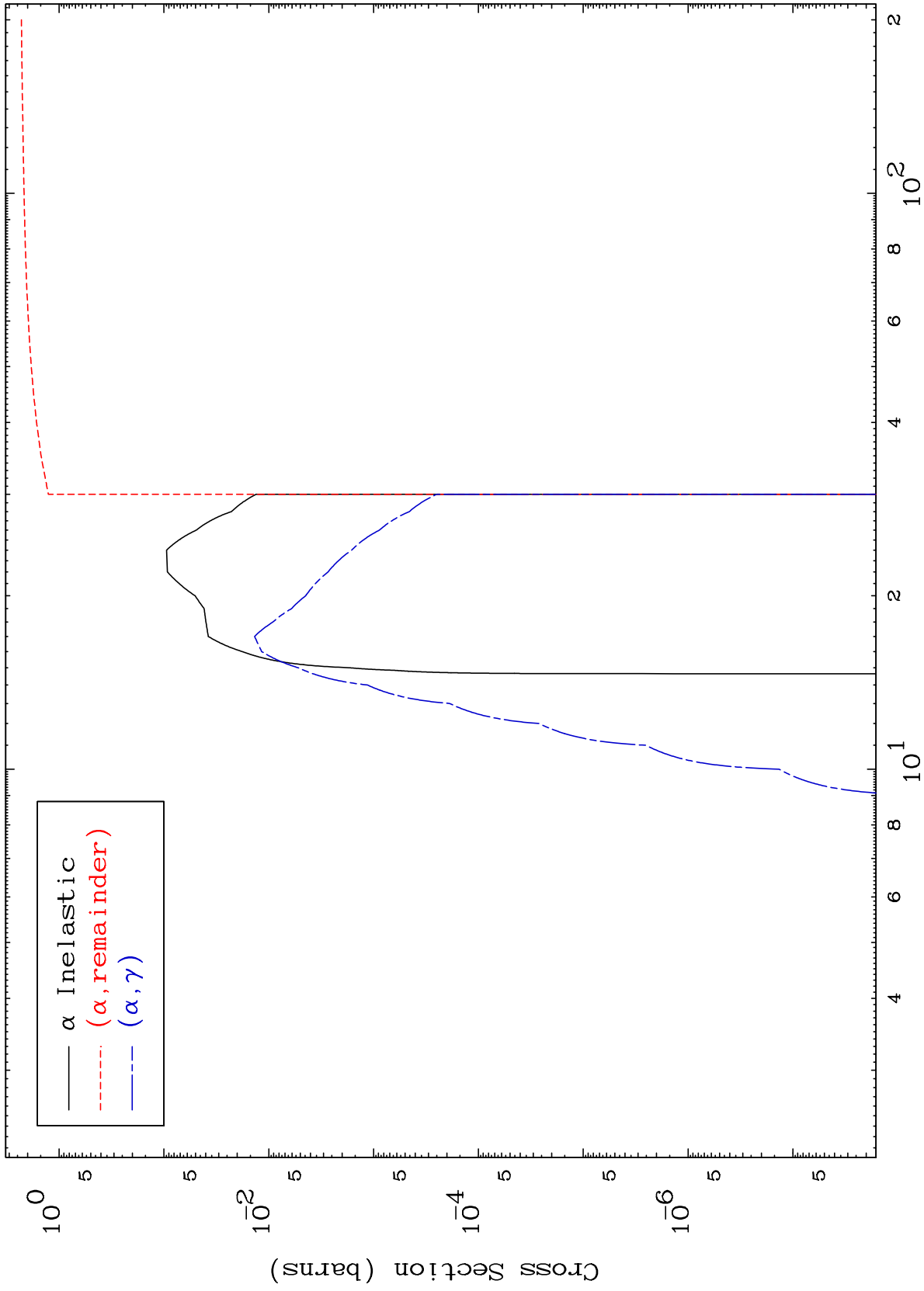
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5995

0 Kelvin α Major
Cross Sections

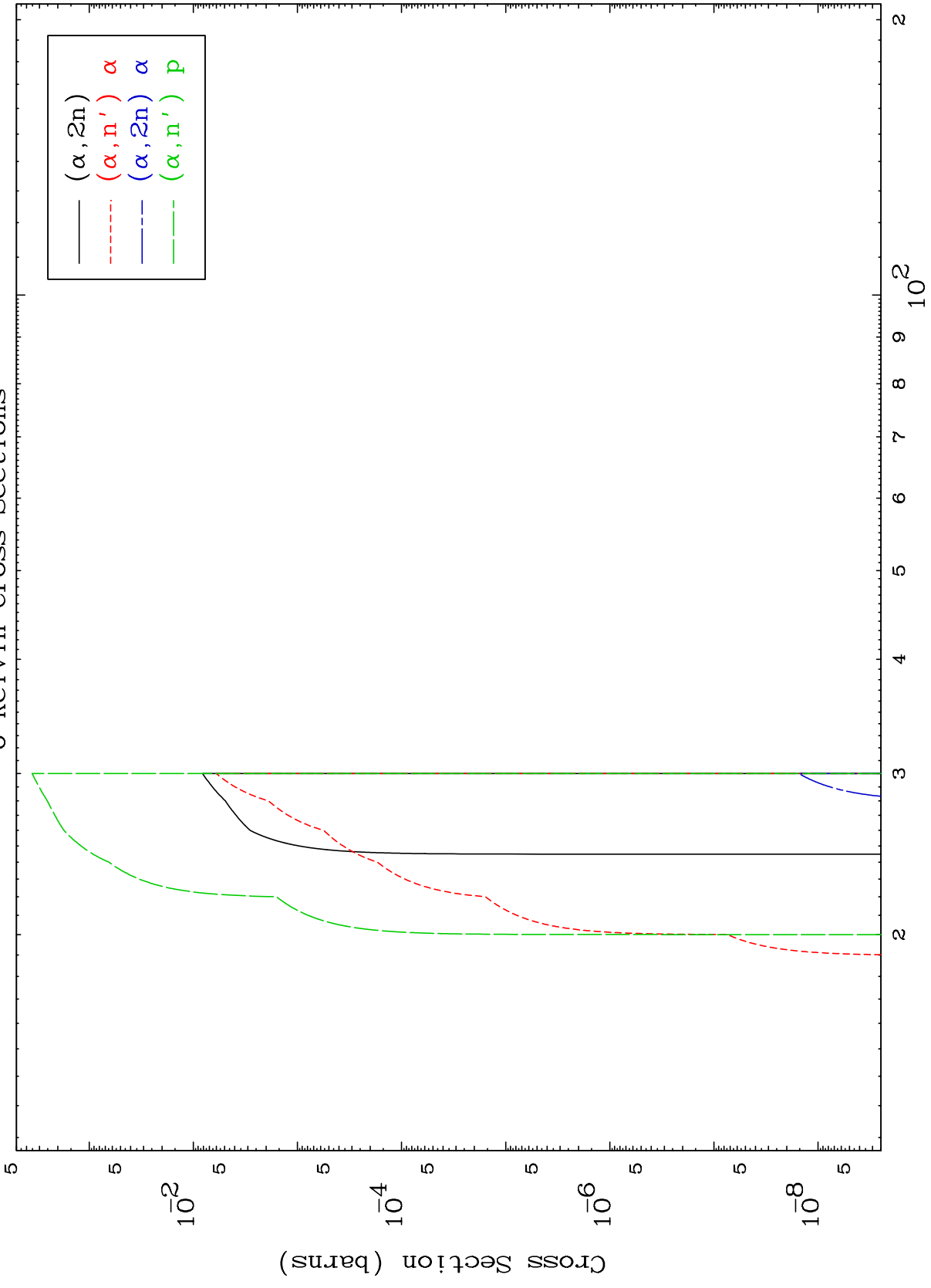
60-Nd-132



MAT 5995

α Neutron Production
0 Kelvin Cross Sections

$^{60}\text{Nd-132}$



2

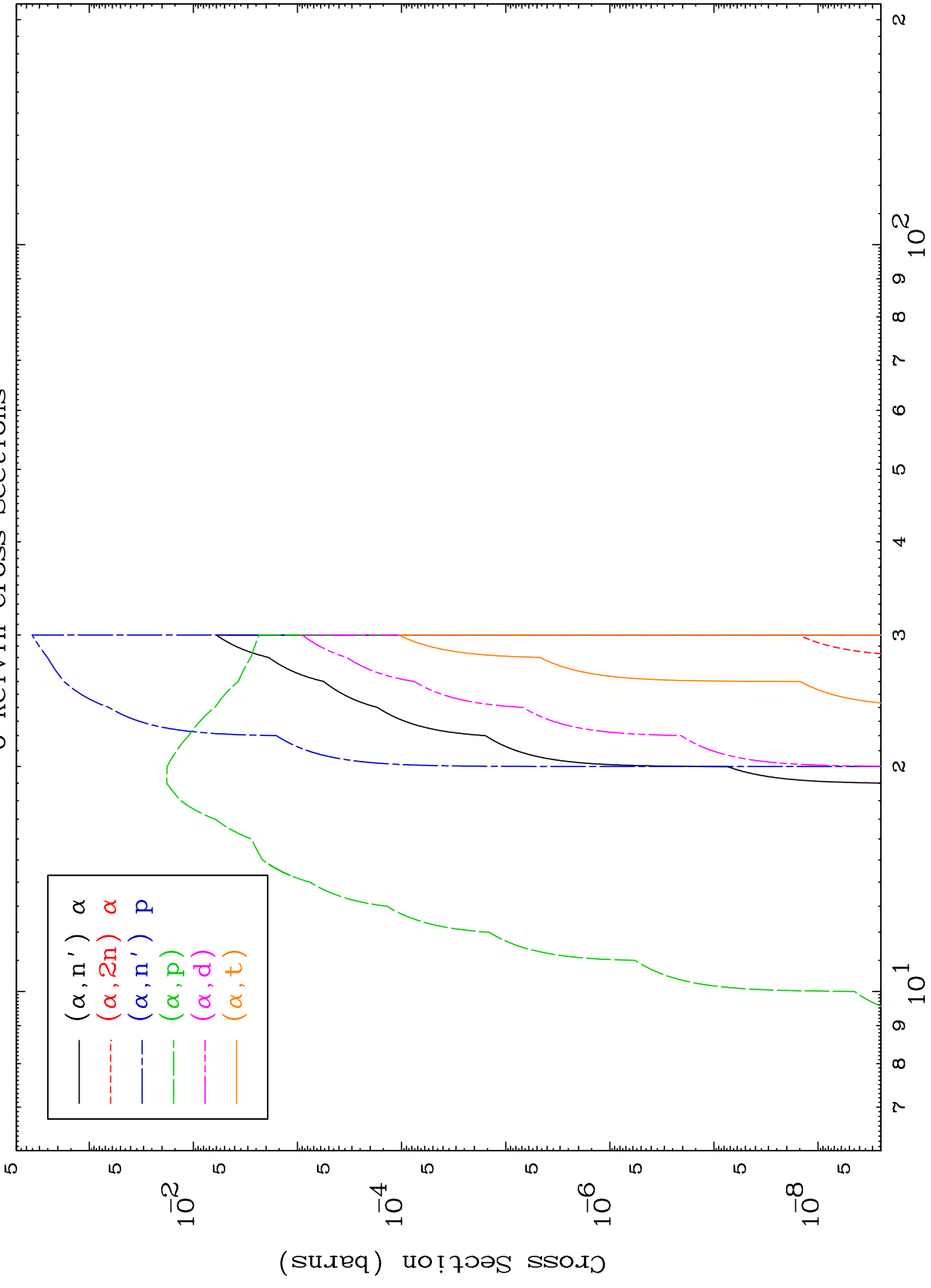
Incident Energy (MeV)

$^{60}\text{Nd-132}$

MAT 5995

α Charged Particle
0 Kelvin Cross Sections

60-Nd-132



3

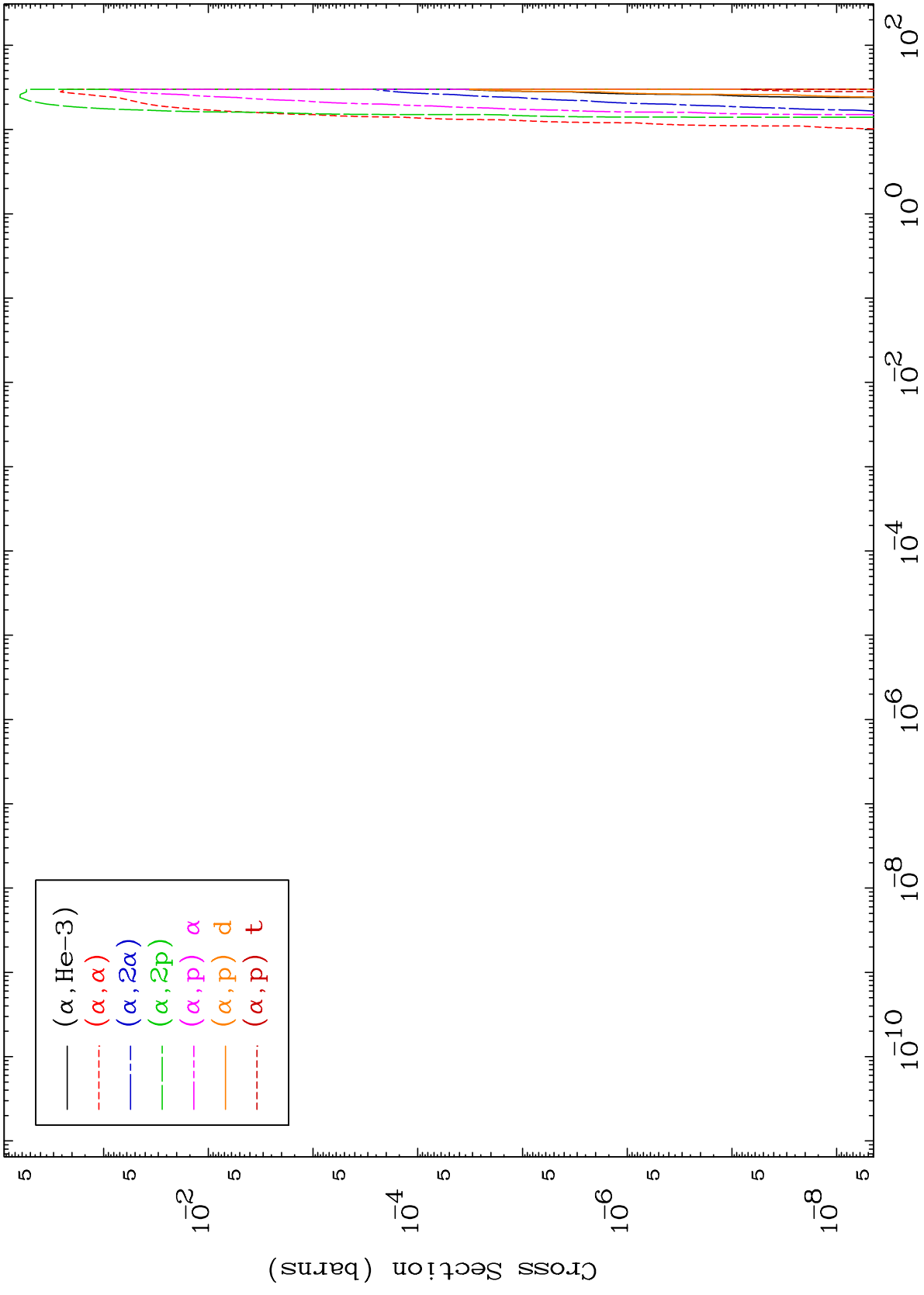
Incident Energy (MeV)

60-Nd-132

MAT 5995

α Charged Particle
0 Kelvin Cross Sections

60-Nd-132

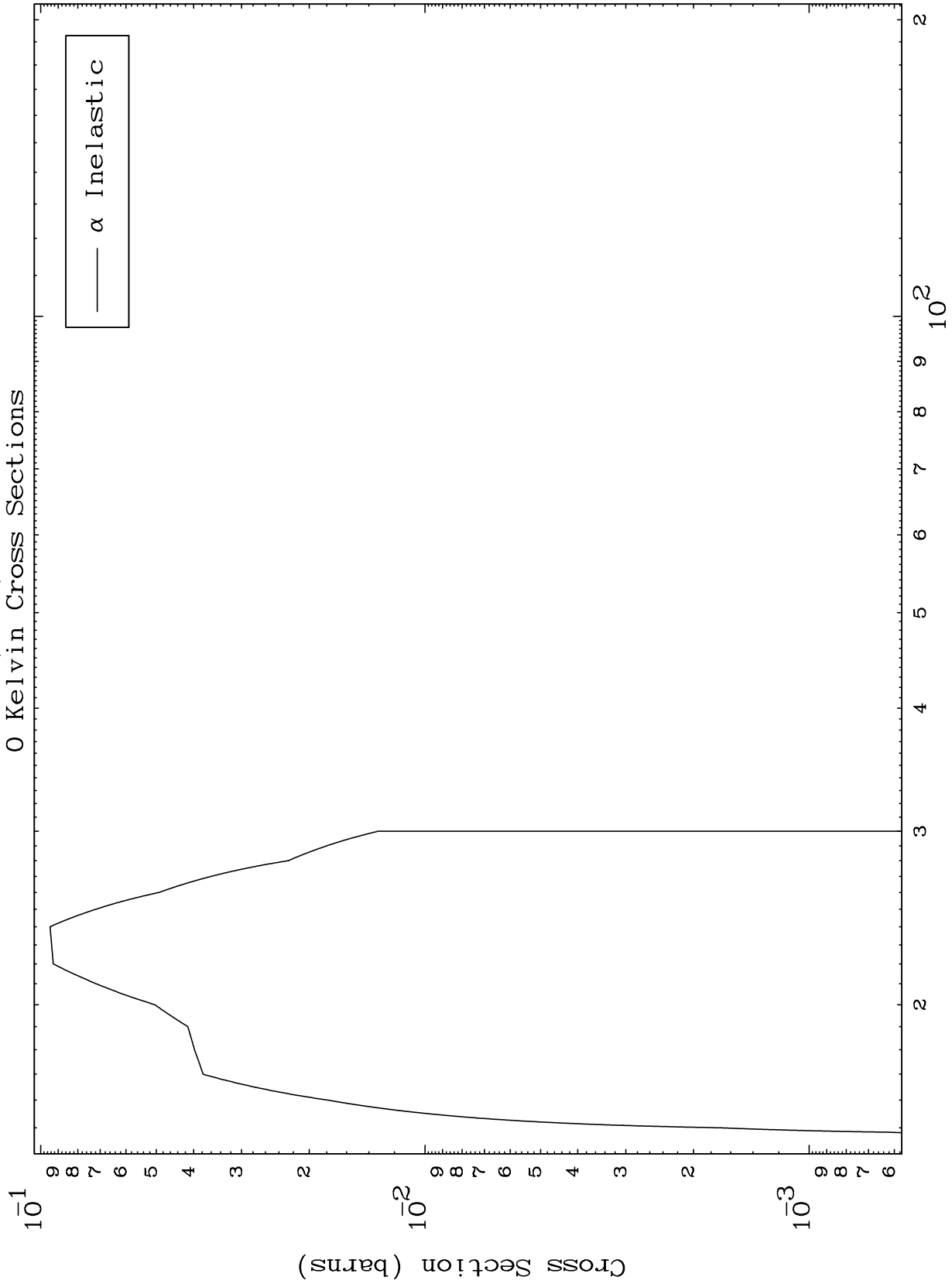


60-Nd-132

MAT 5995

(α, n') Level
0 Kelvin Cross Sections

60-Nd-132



5

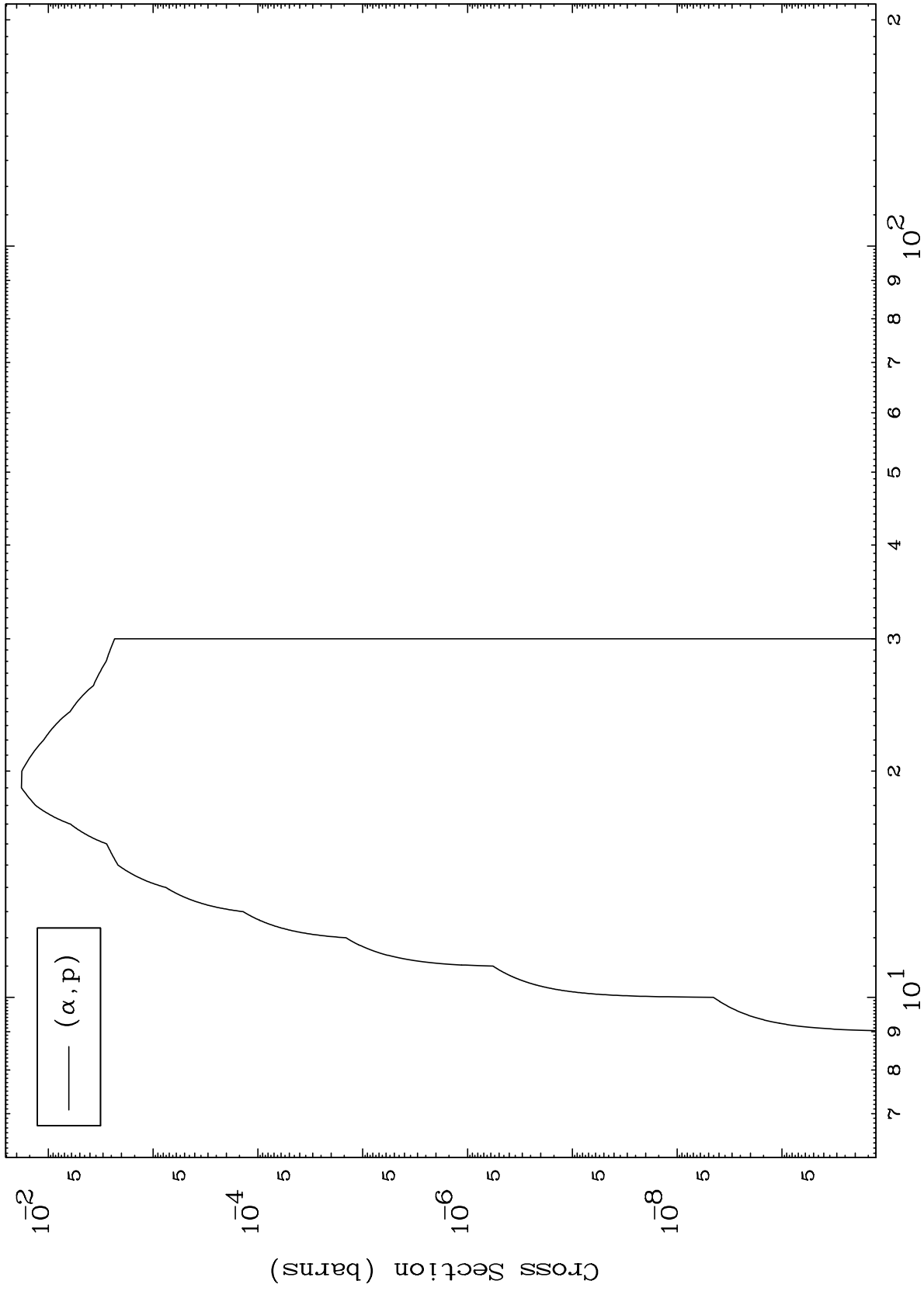
Incident Energy (MeV)

60-Nd-132

MAT 5995

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-132



6

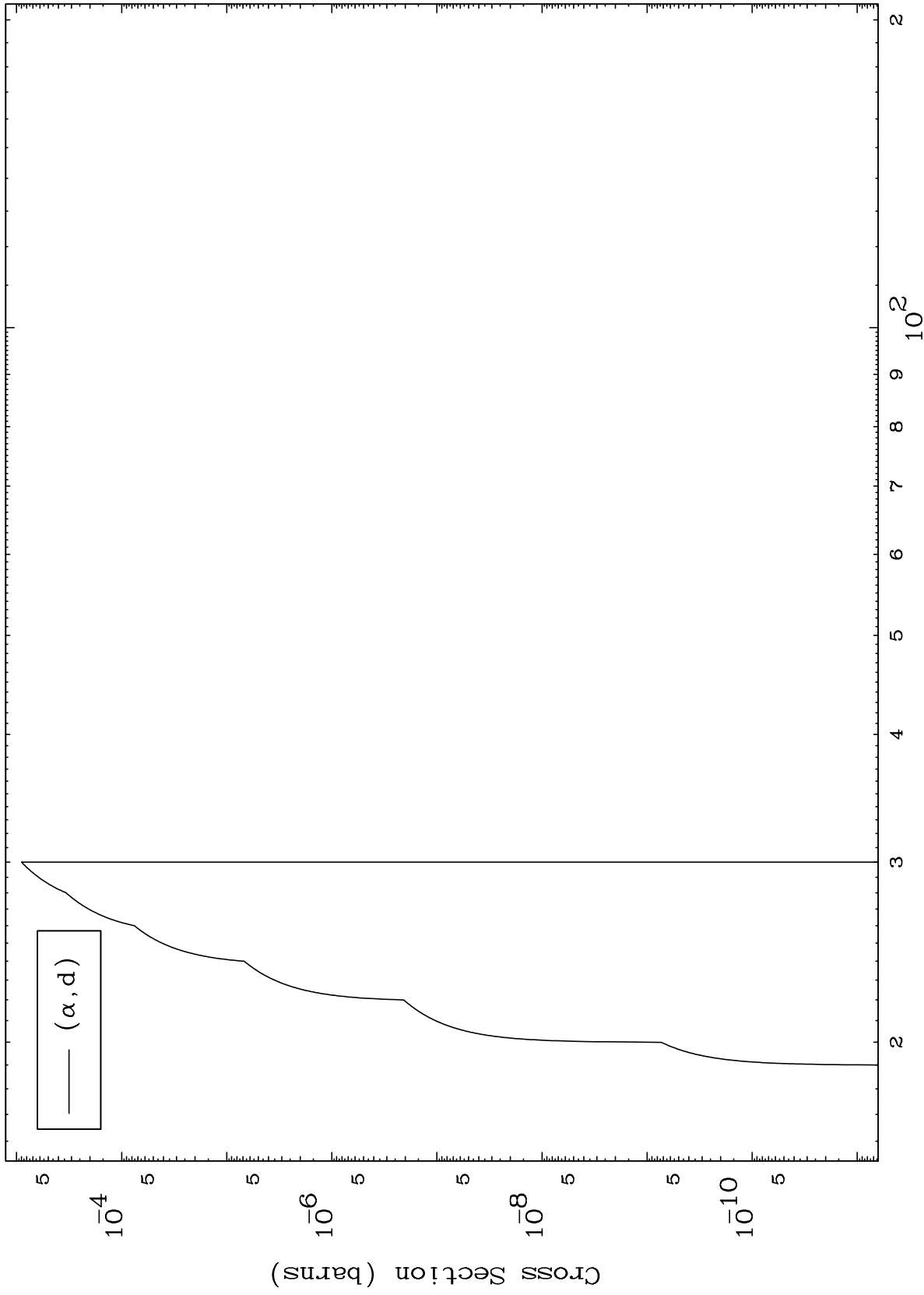
Incident Energy (MeV)

60-Nd-132

MAT 5995

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-132



7

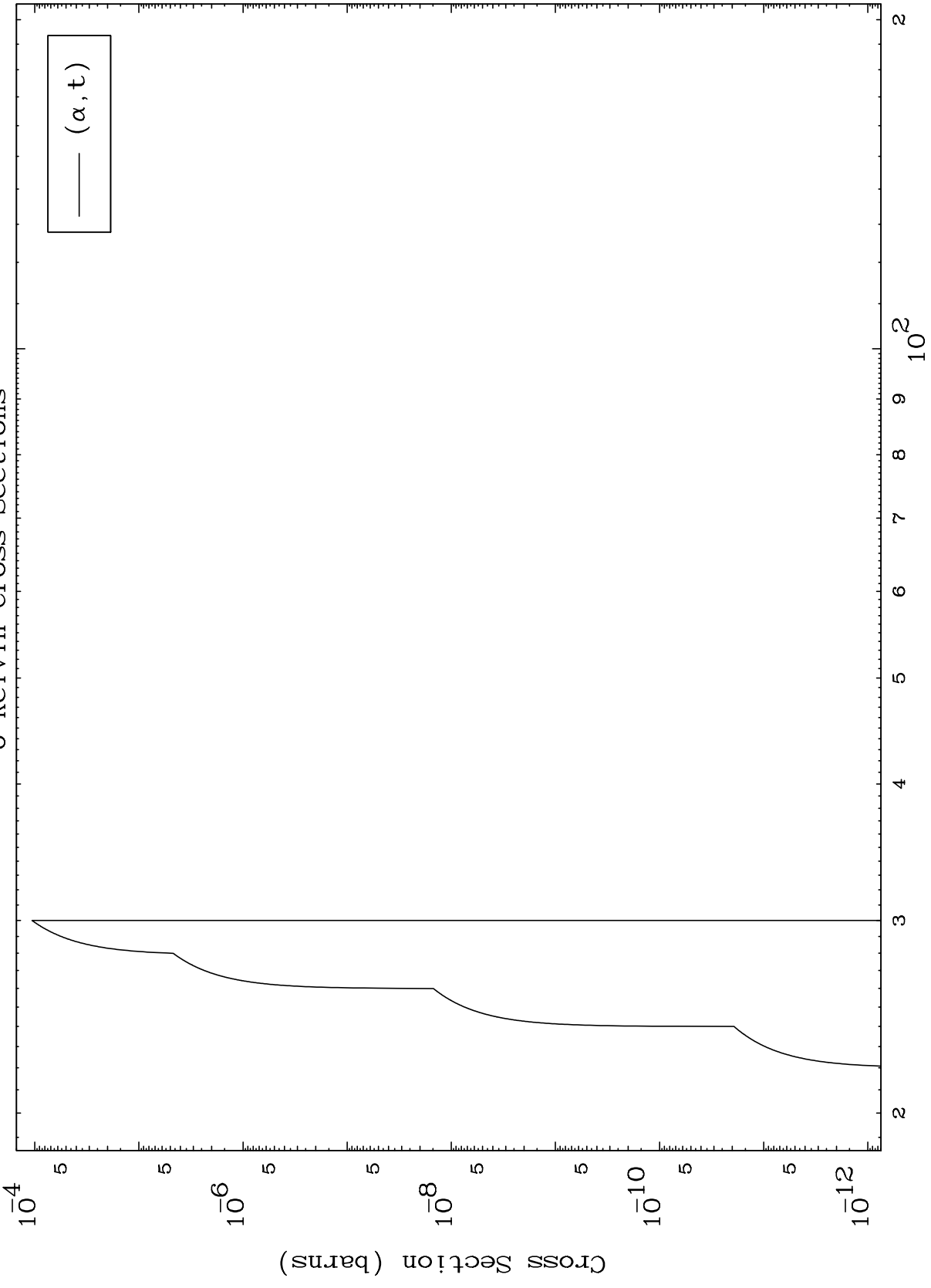
Incident Energy (MeV)

60-Nd-132

MAT 5995

(α, t) Levels
0 Kelvin Cross Sections

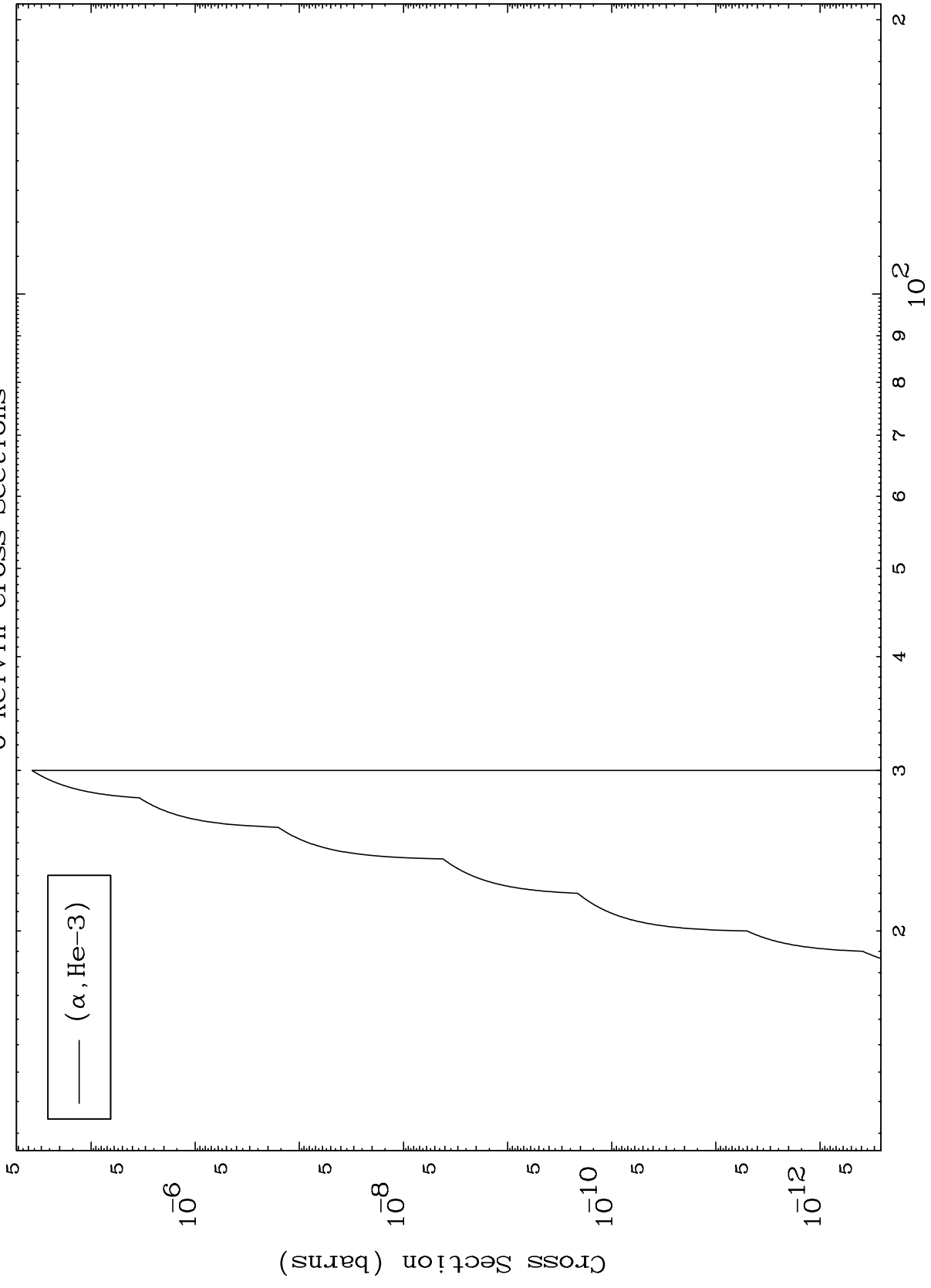
60-Nd-132



8

Incident Energy (MeV)

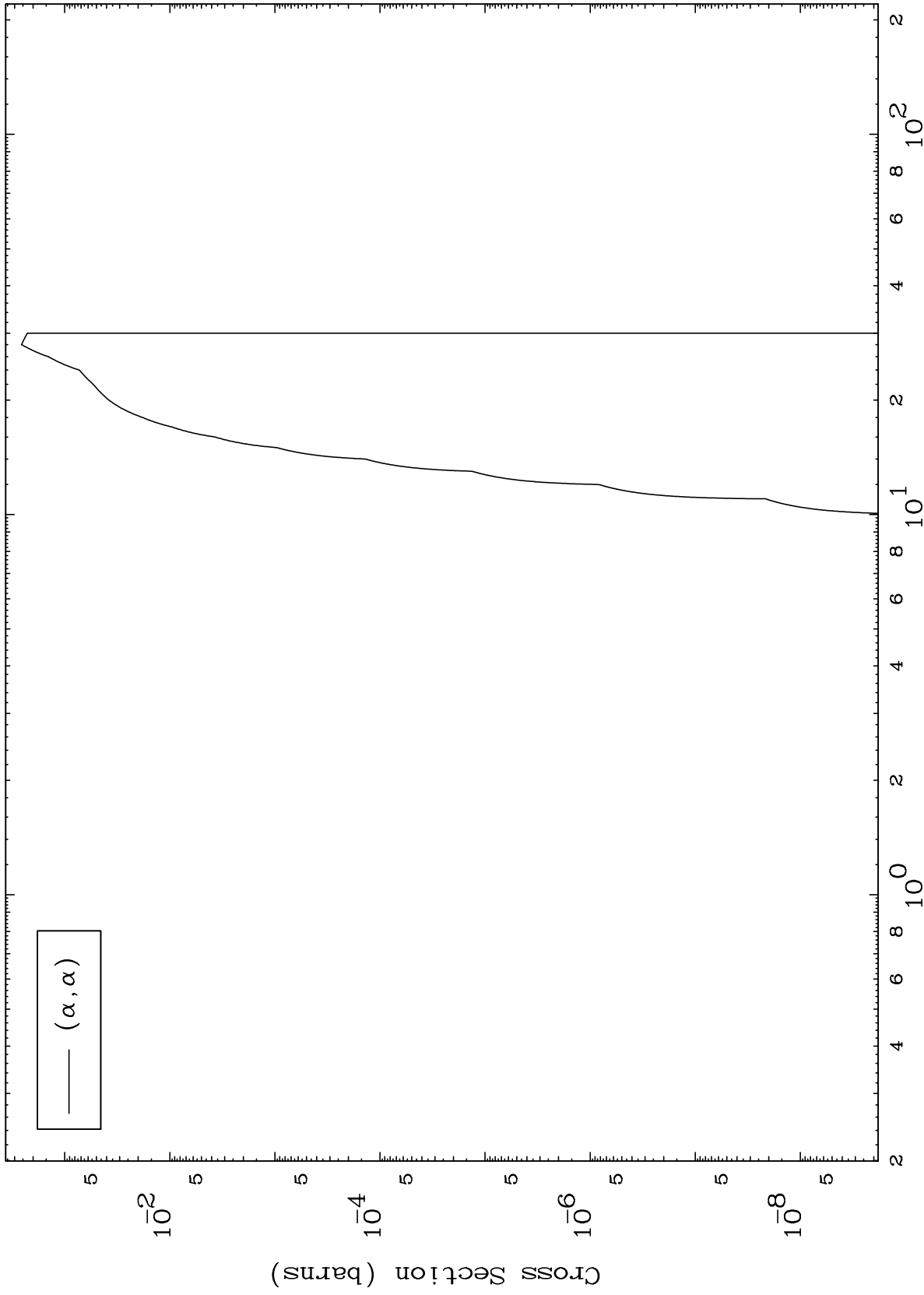
60-Nd-132



MAT 5995

(α, α) Levels
0 Kelvin Cross Sections

60-Nd-132



10

Incident Energy (MeV)

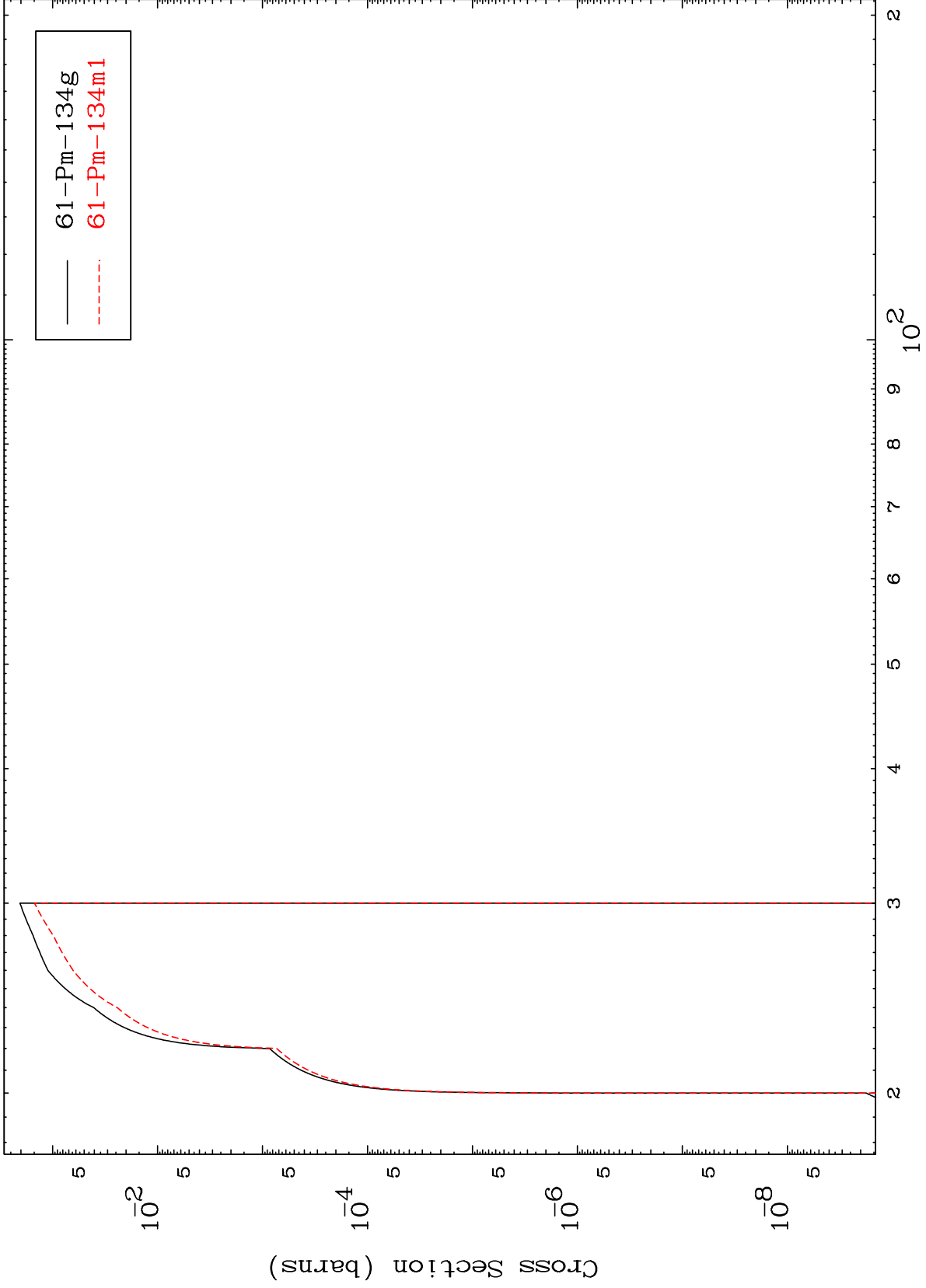
60-Nd-132

MAT 5995

(α, n') p

$^{60}\text{Nd}-^{132}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

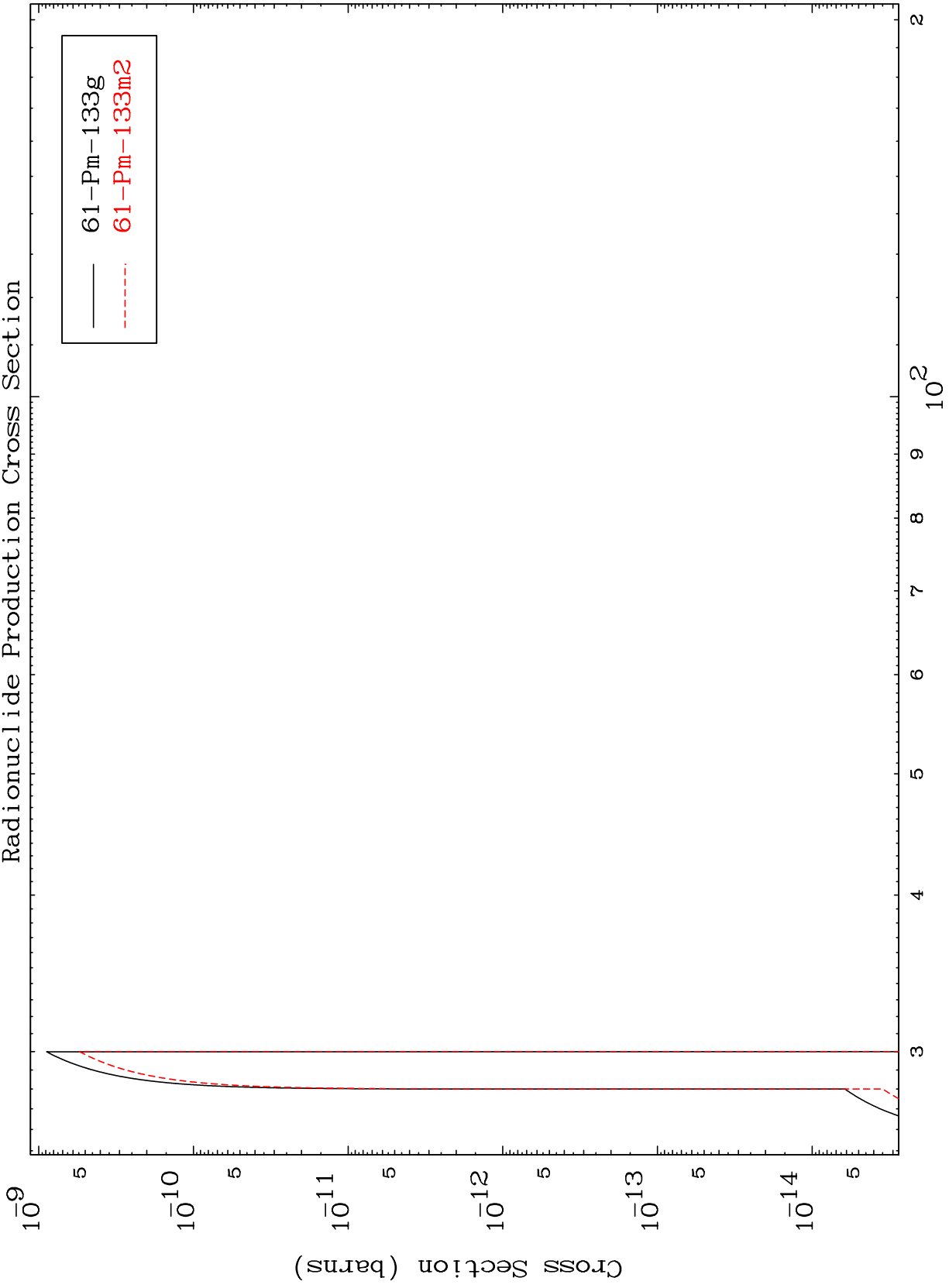
$^{60}\text{Nd}-^{132}$

MAT 5995

(α, n') d

$^{60}\text{Nd}-^{132}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

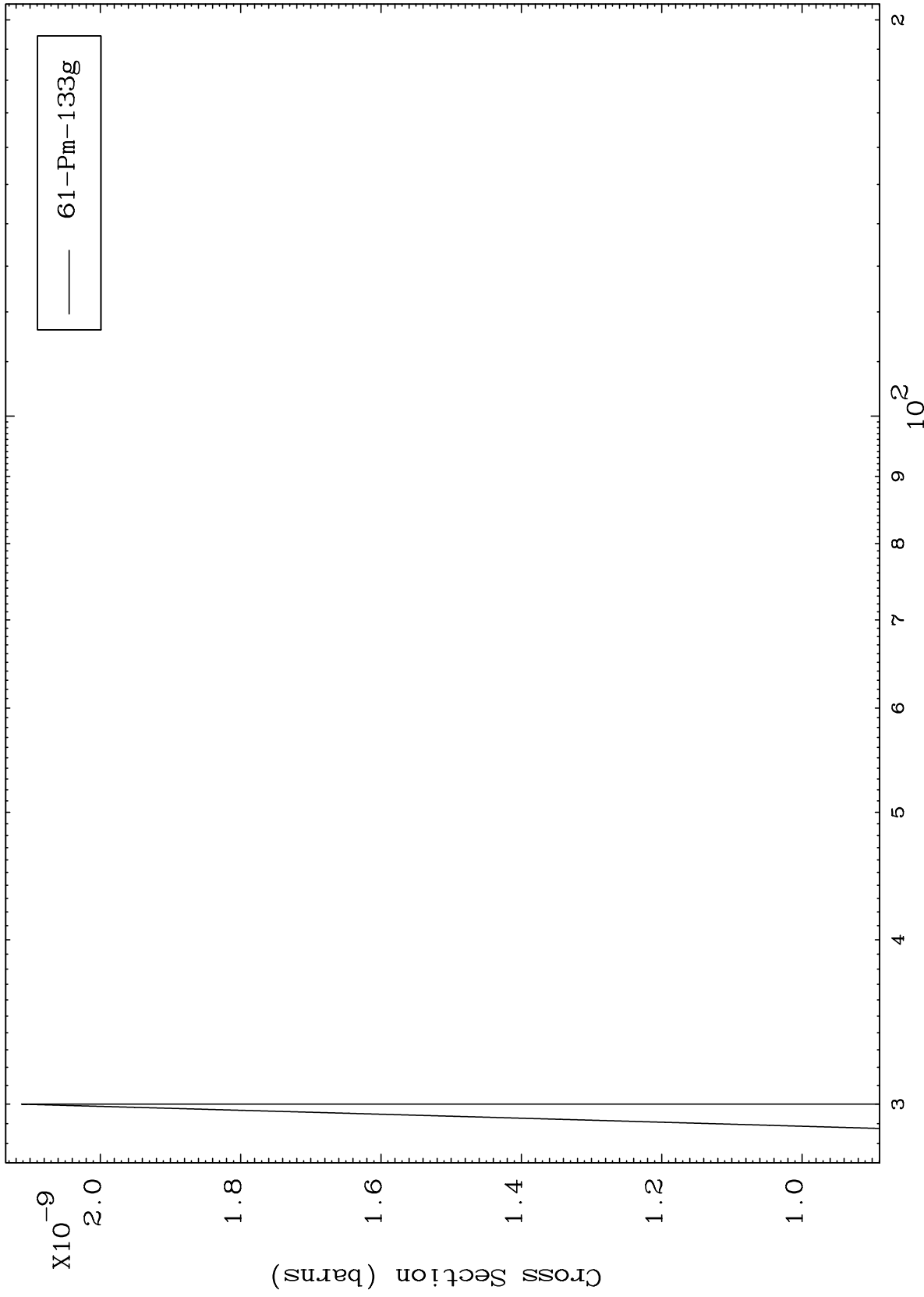
$^{60}\text{Nd}-^{132}$

MAT 5995

($\alpha, 2n$) p

60-Nd-132

Radionuclide Production Cross Section



13

Incident Energy (MeV)

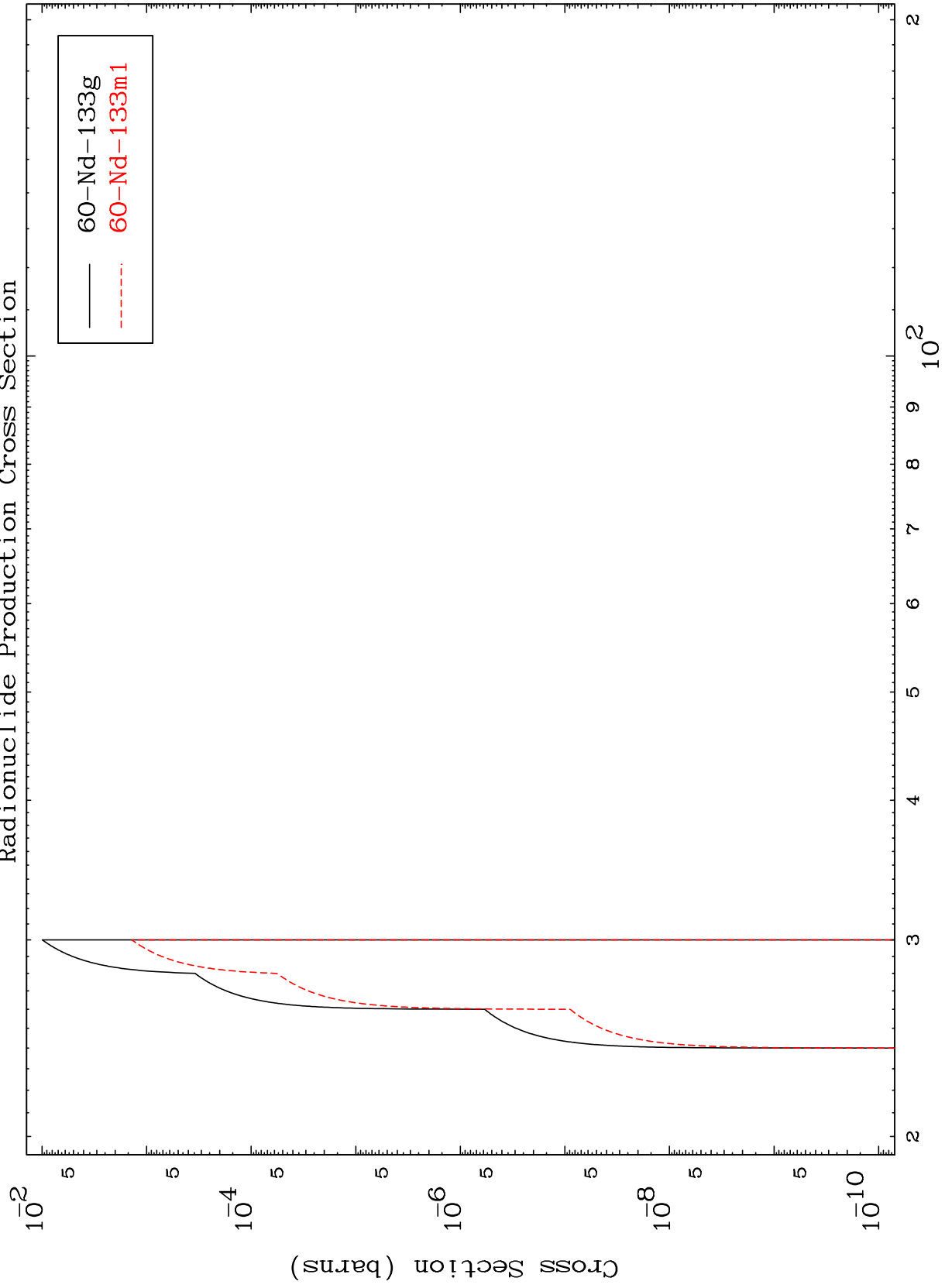
60-Nd-132

MAT 5995

$(\alpha, 2n)$ p

$^{60}\text{Nd}-132$

Radionuclide Production Cross Section



14

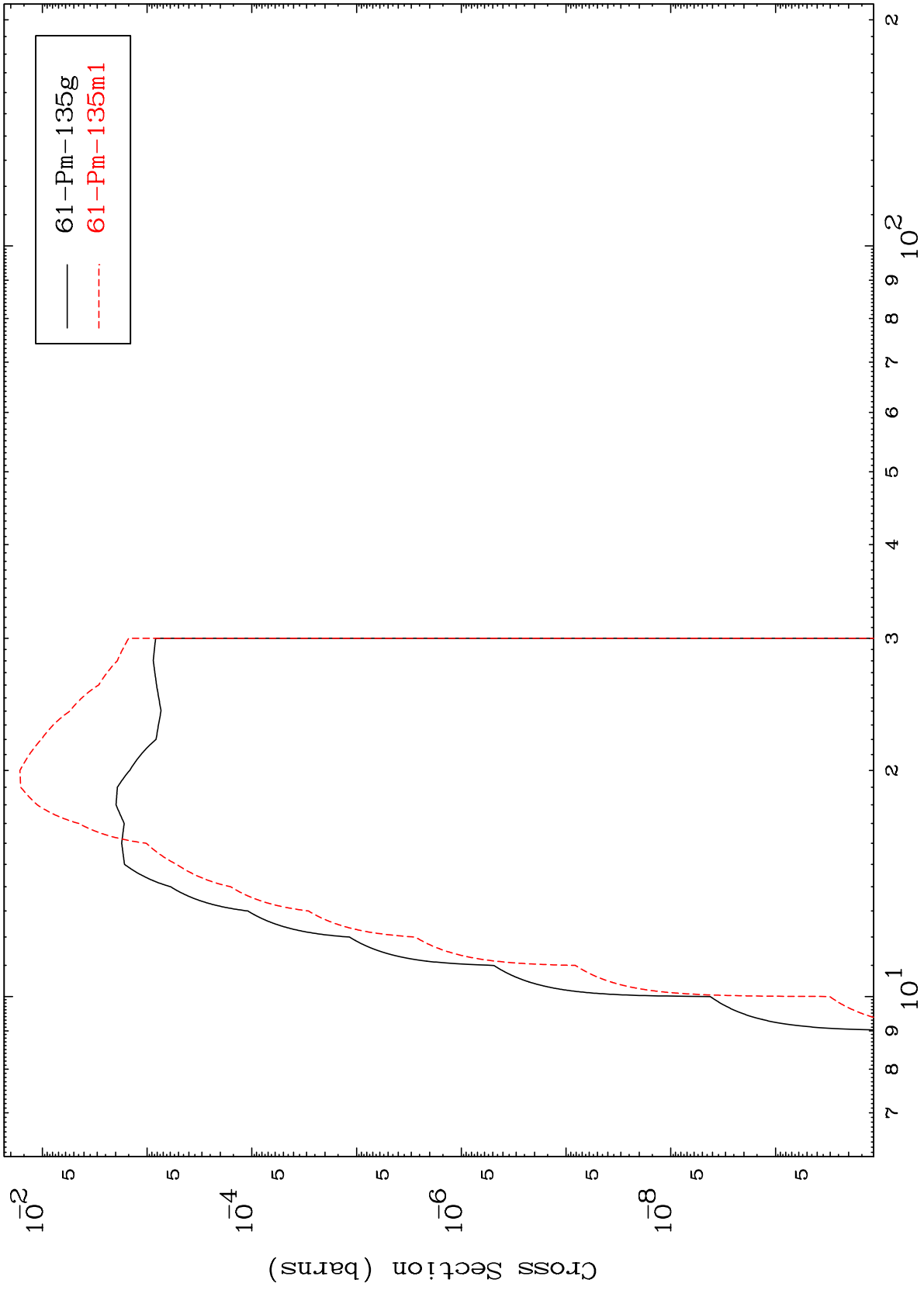
Incident Energy (MeV)

$^{60}\text{Nd}-132$

MAT 5995

60-Nd-132

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

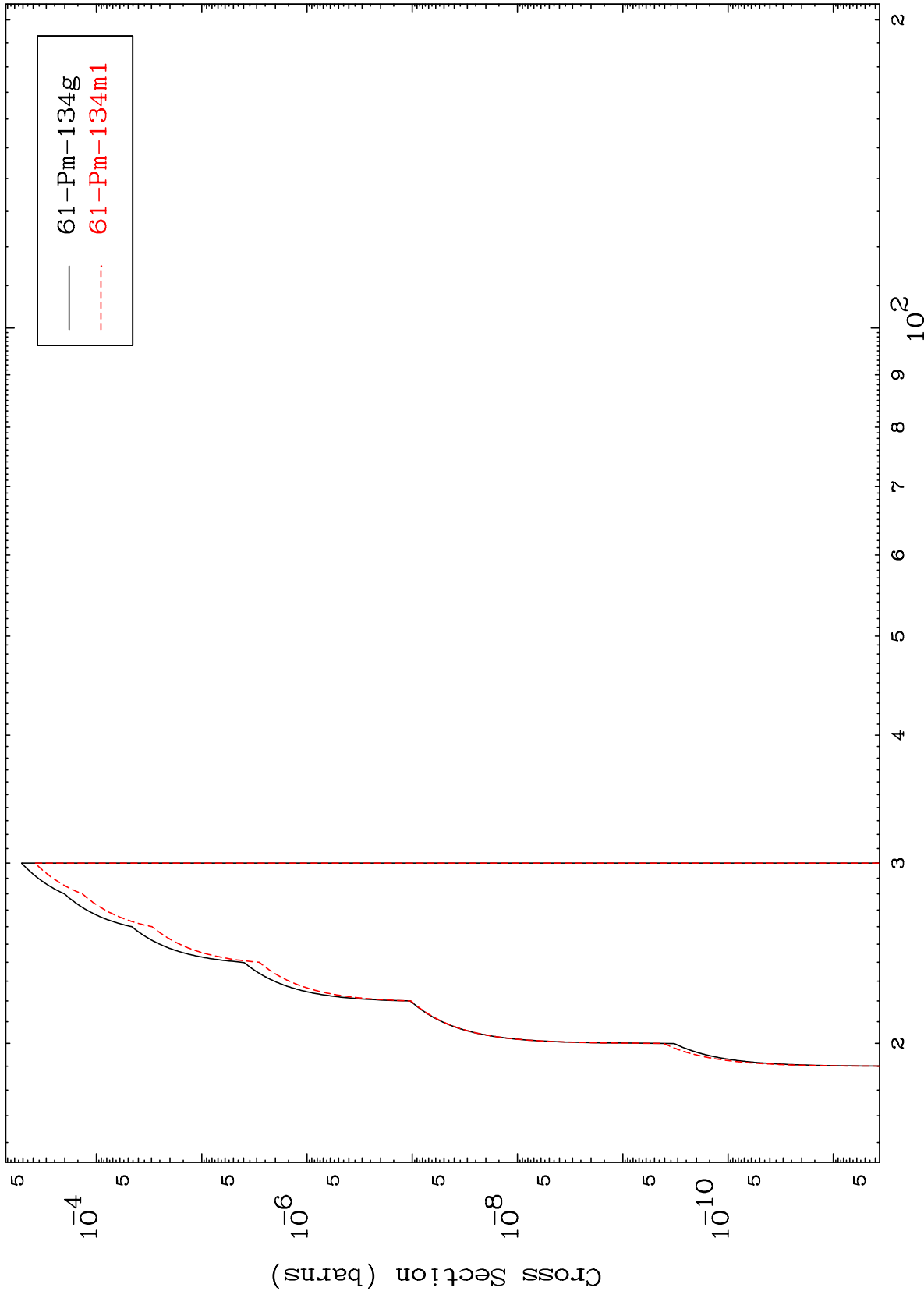
60-Nd-132

MAT 5995

(α, d)

$^{60}\text{Nd}-^{132}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

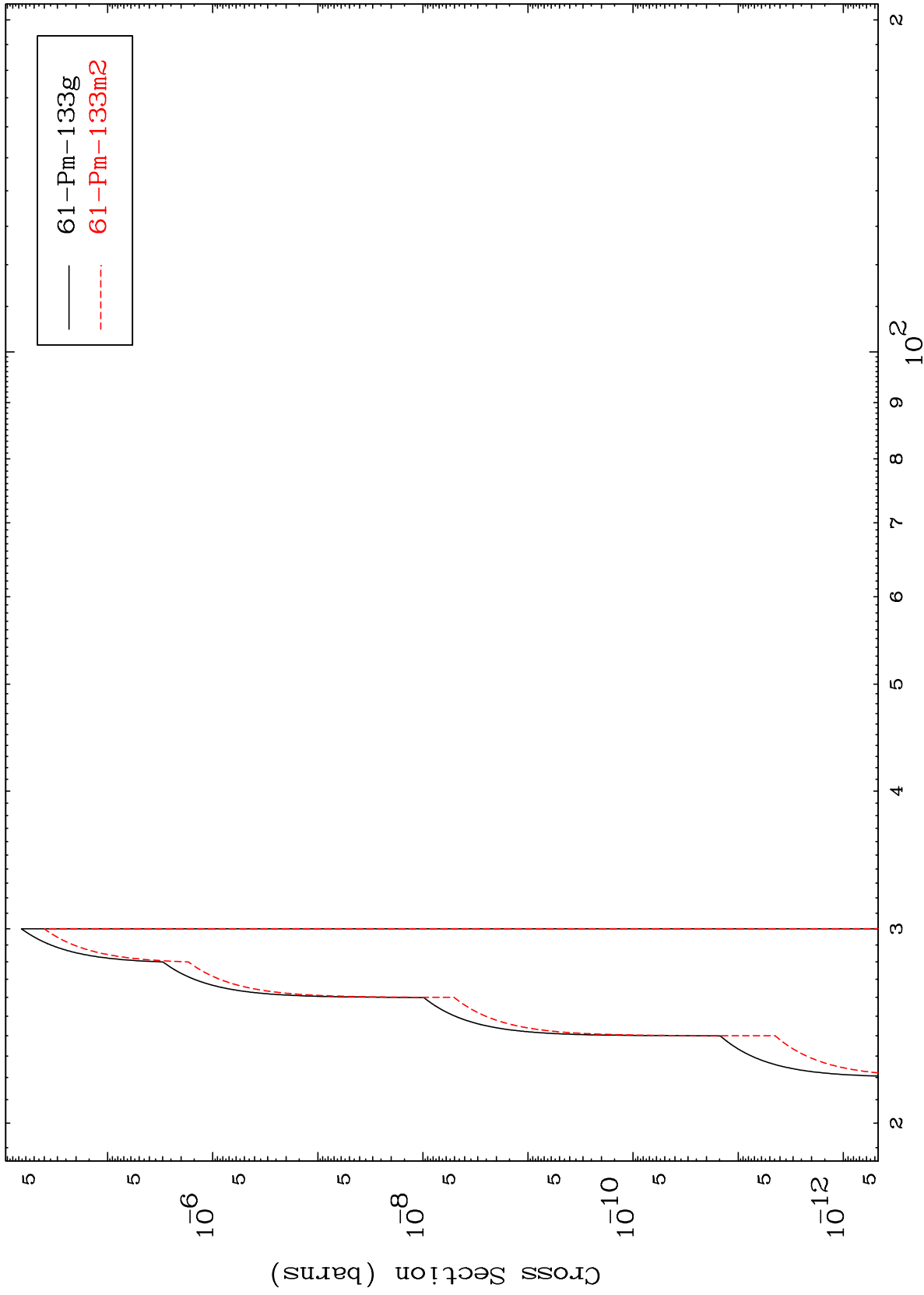
$^{60}\text{Nd}-^{132}$

MAT 5995

(α, t)

60-Nd-132

Radionuclide Production Cross Section



17

Incident Energy (MeV)

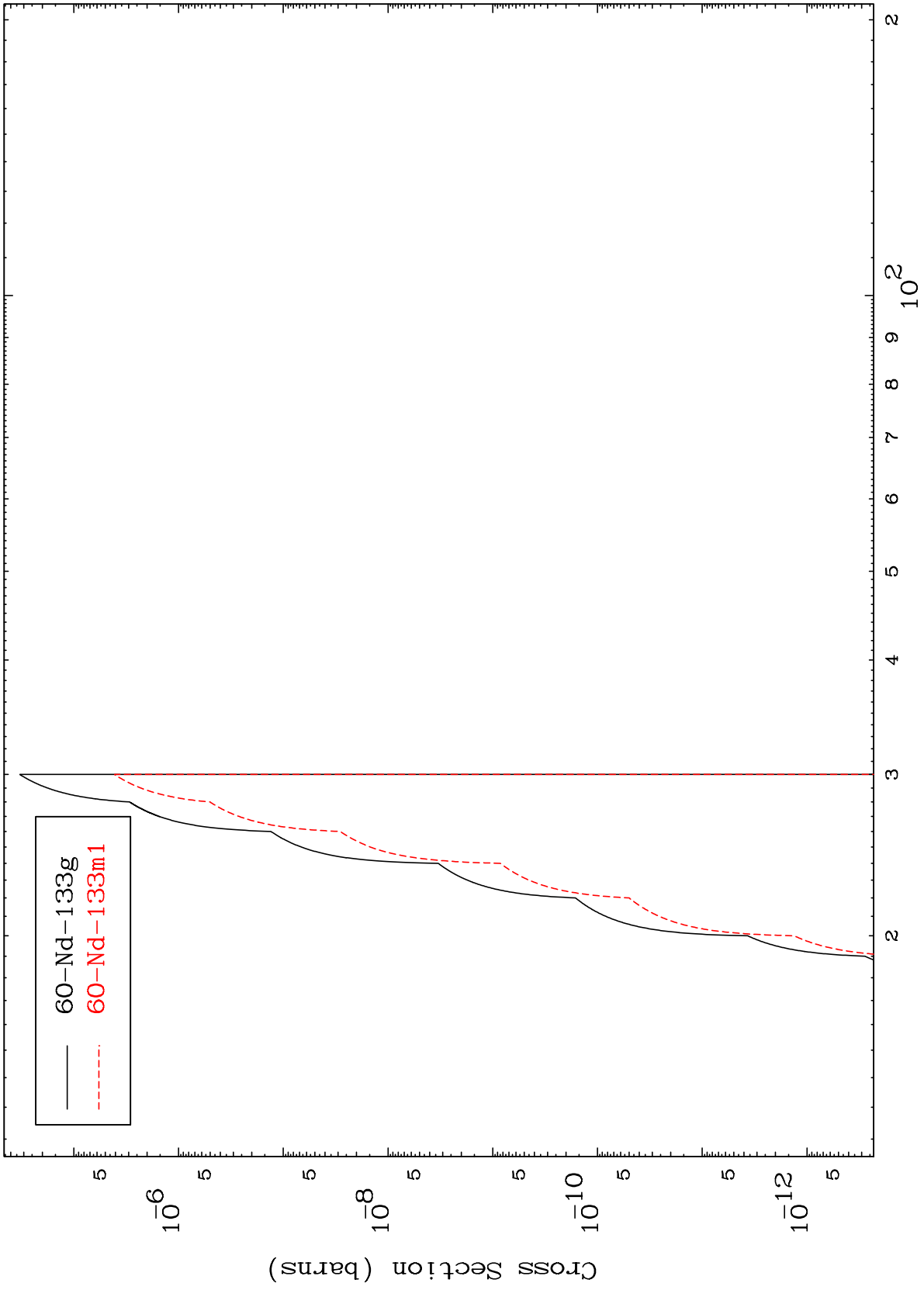
60-Nd-132

MAT 5995

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

60-Nd-132

Radionuclide Production Cross Section



18

Incident Energy (MeV)

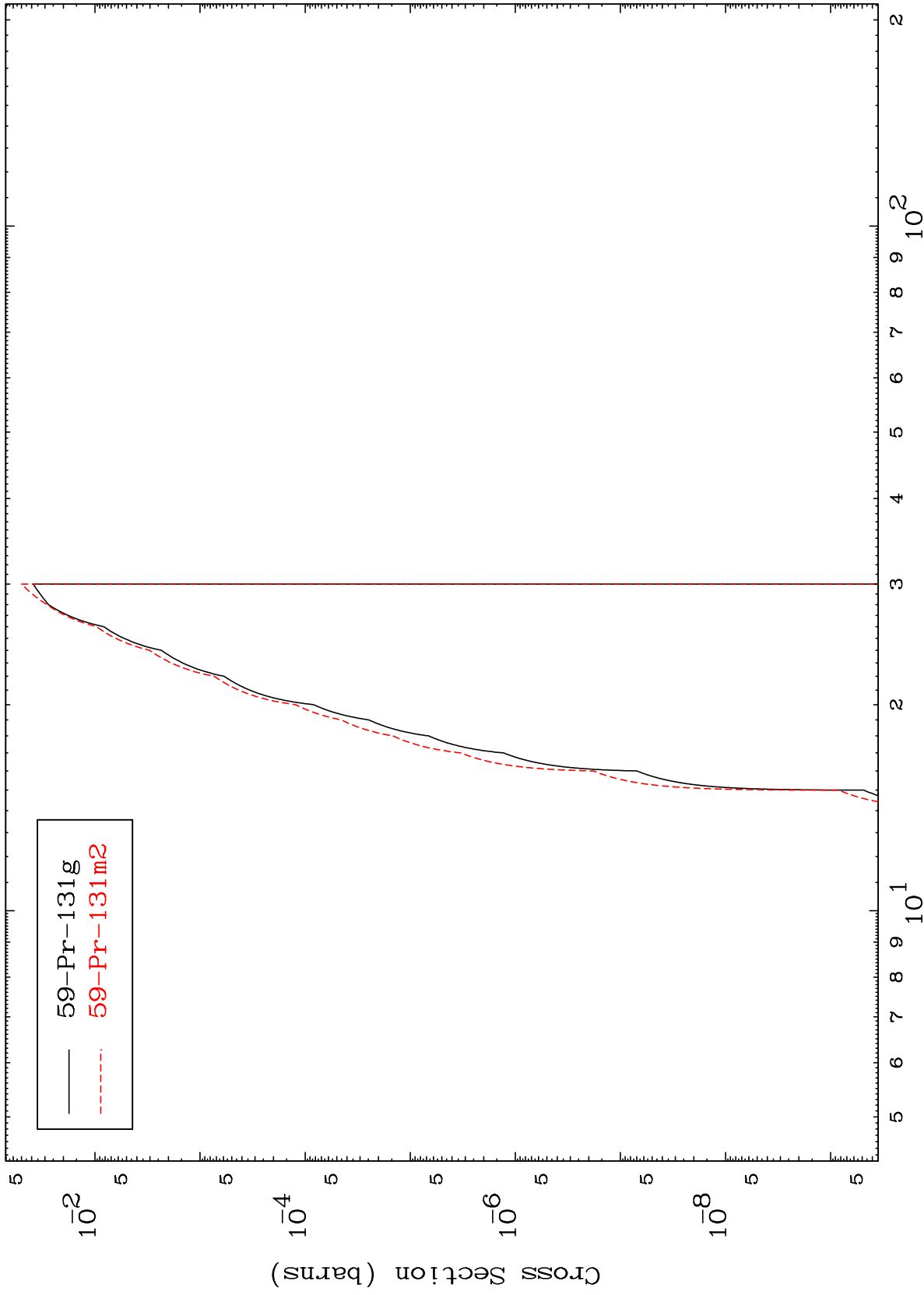
60-Nd-132

MAT 5995

(α, p) α

60-Nd-132

Radionuclide Production Cross Section



19

Incident Energy (MeV)

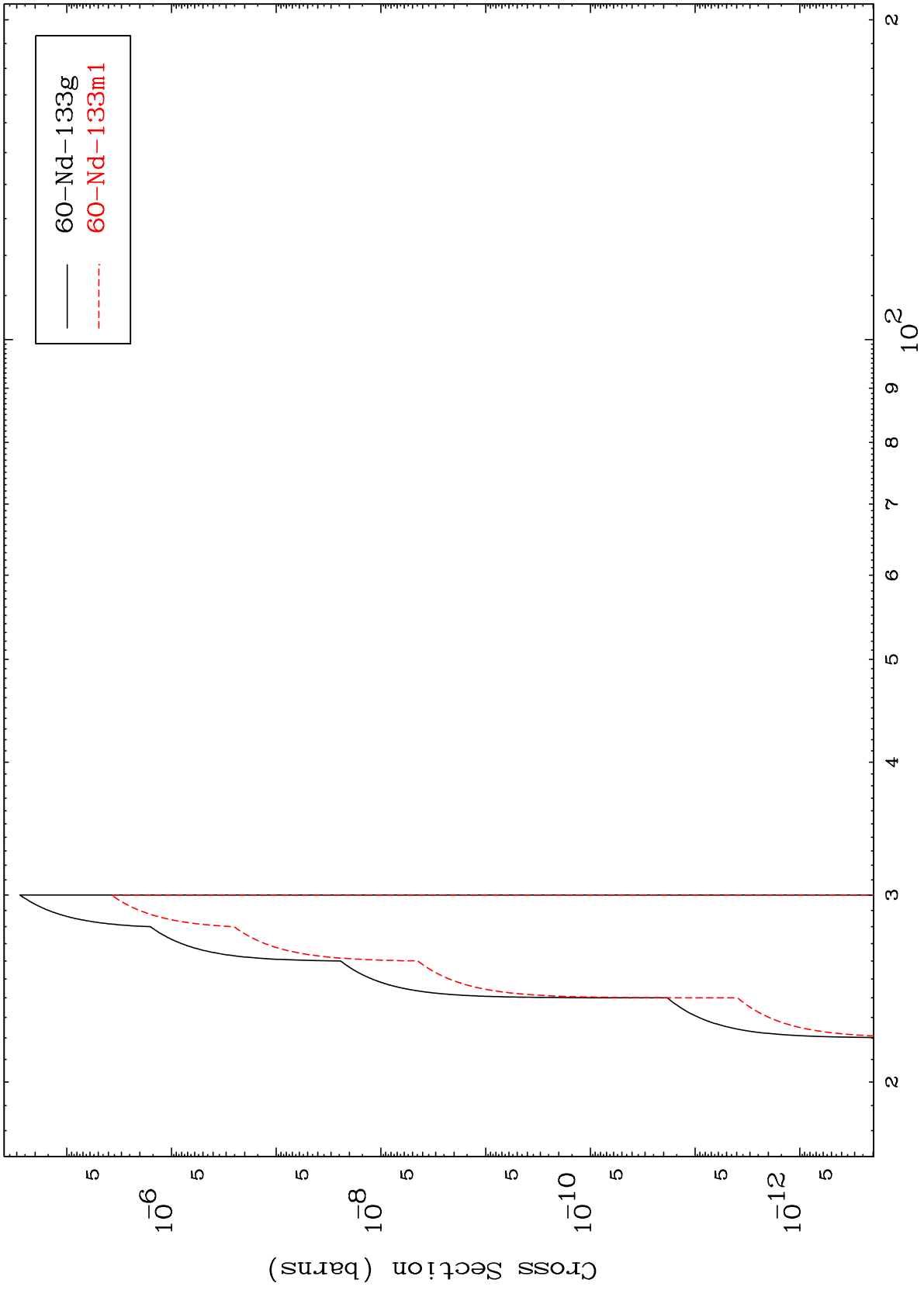
60-Nd-132

MAT 5995

(α, p) d

$^{60}\text{Nd}-132$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

$^{60}\text{Nd}-132$