

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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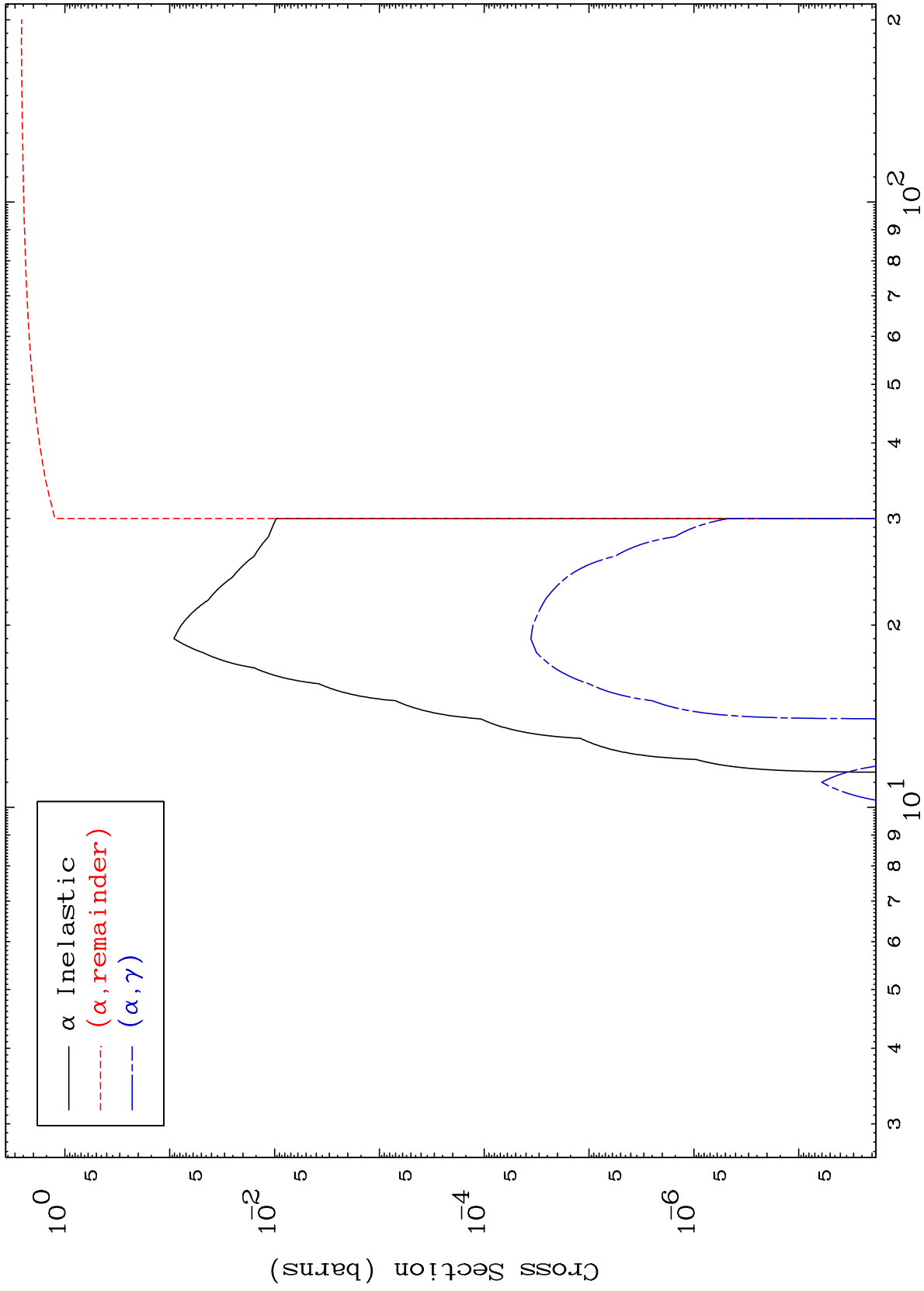
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7119

0 Kelvin α Major
Cross Sections

71-Lu-173



1

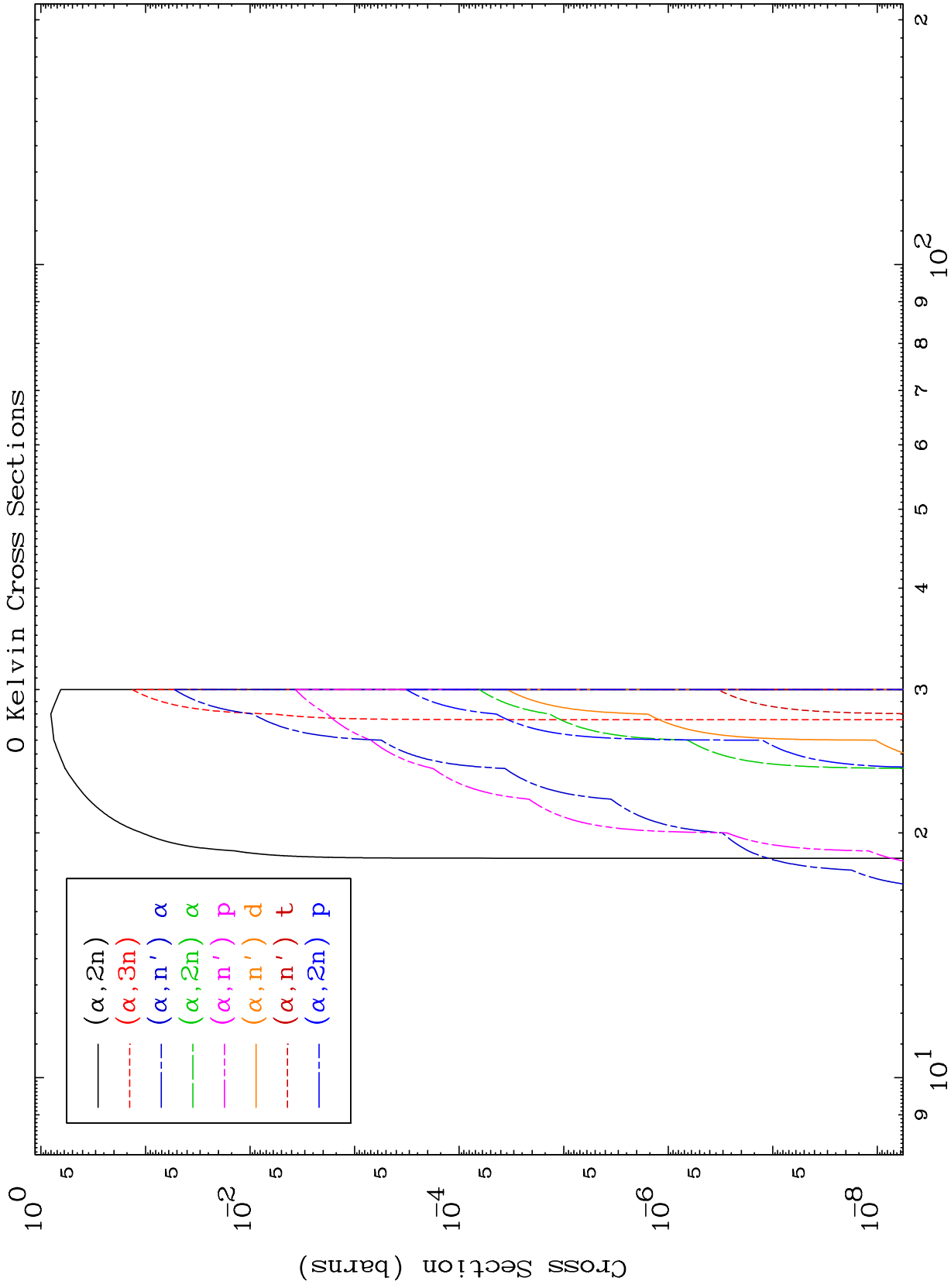
Incident Energy (MeV)

71-Lu-173

MAT 7119

α Neutron Production
0 Kelvin Cross Sections

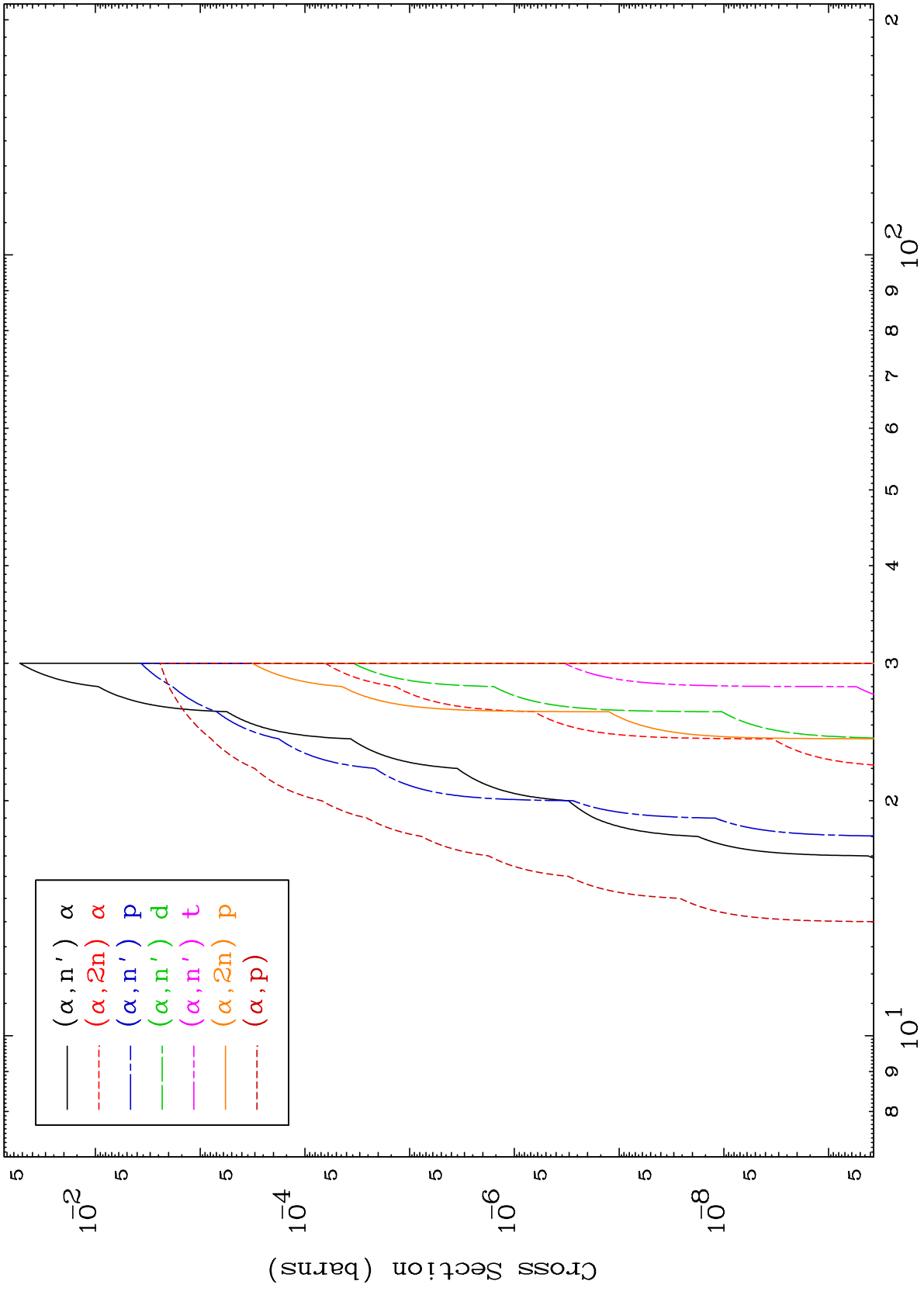
71-Lu-173

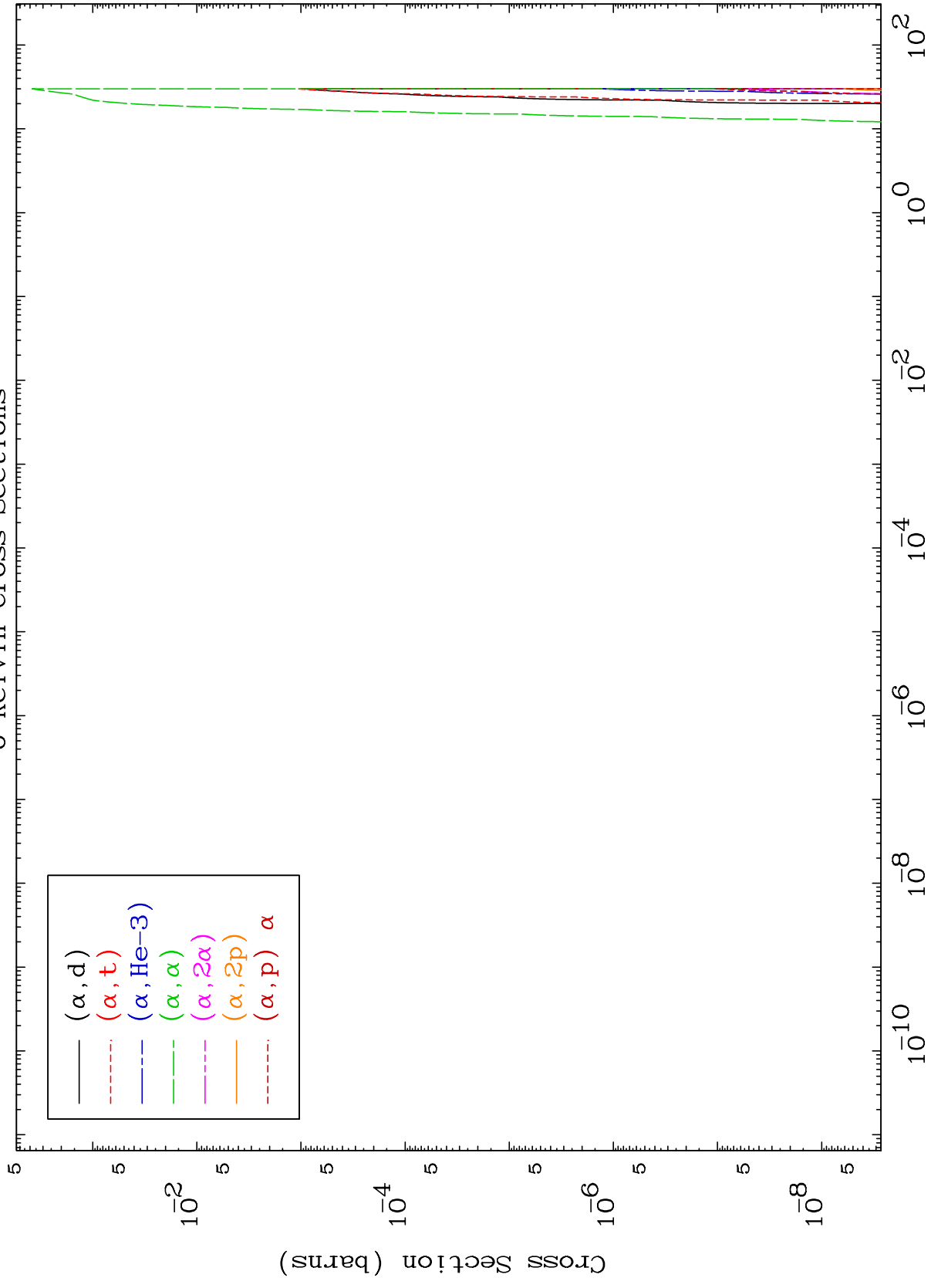


2

Incident Energy (MeV)

71-Lu-173

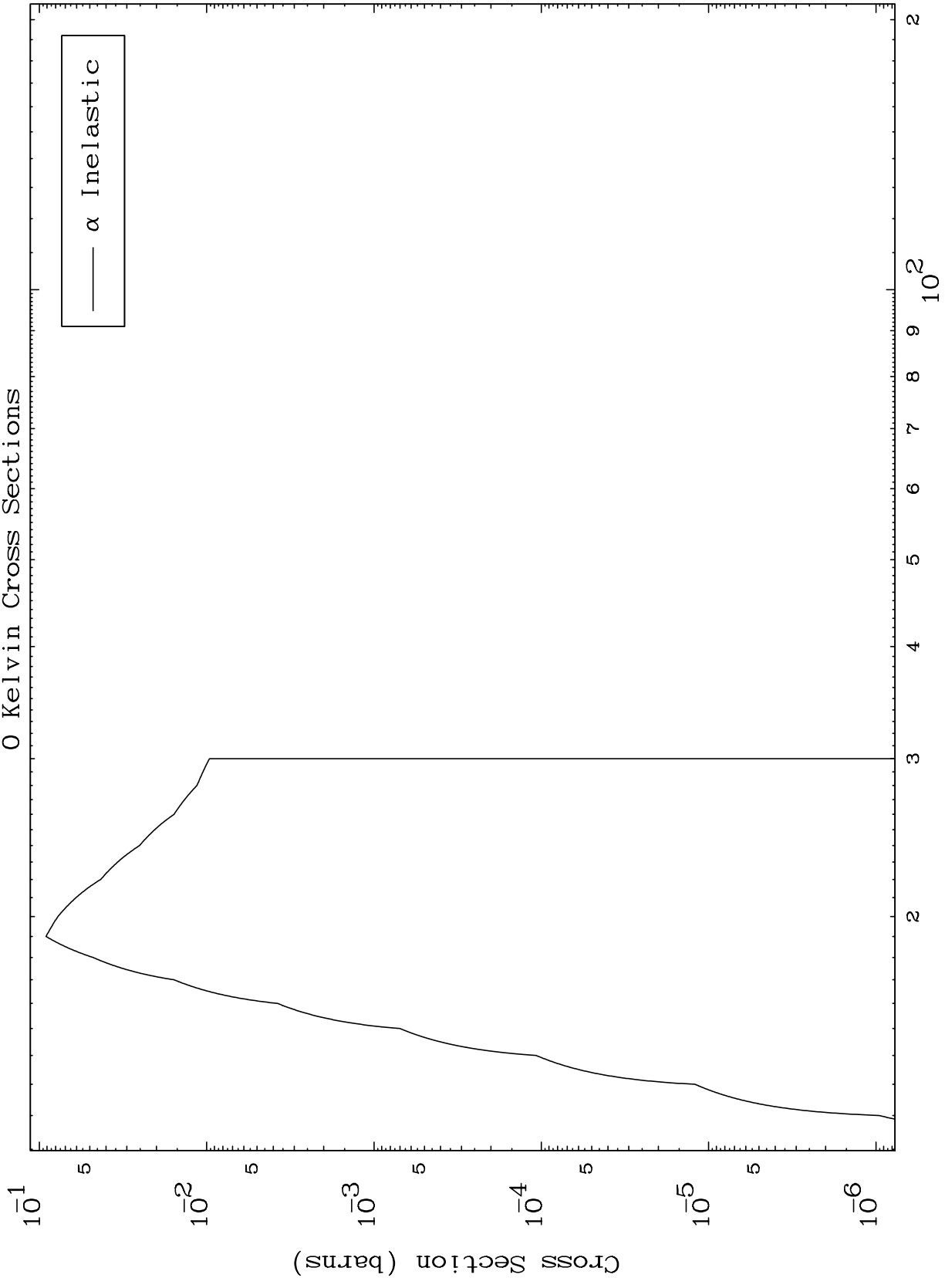




MAT 7119

(α, n') Level
0 Kelvin Cross Sections

71-Lu-173



5

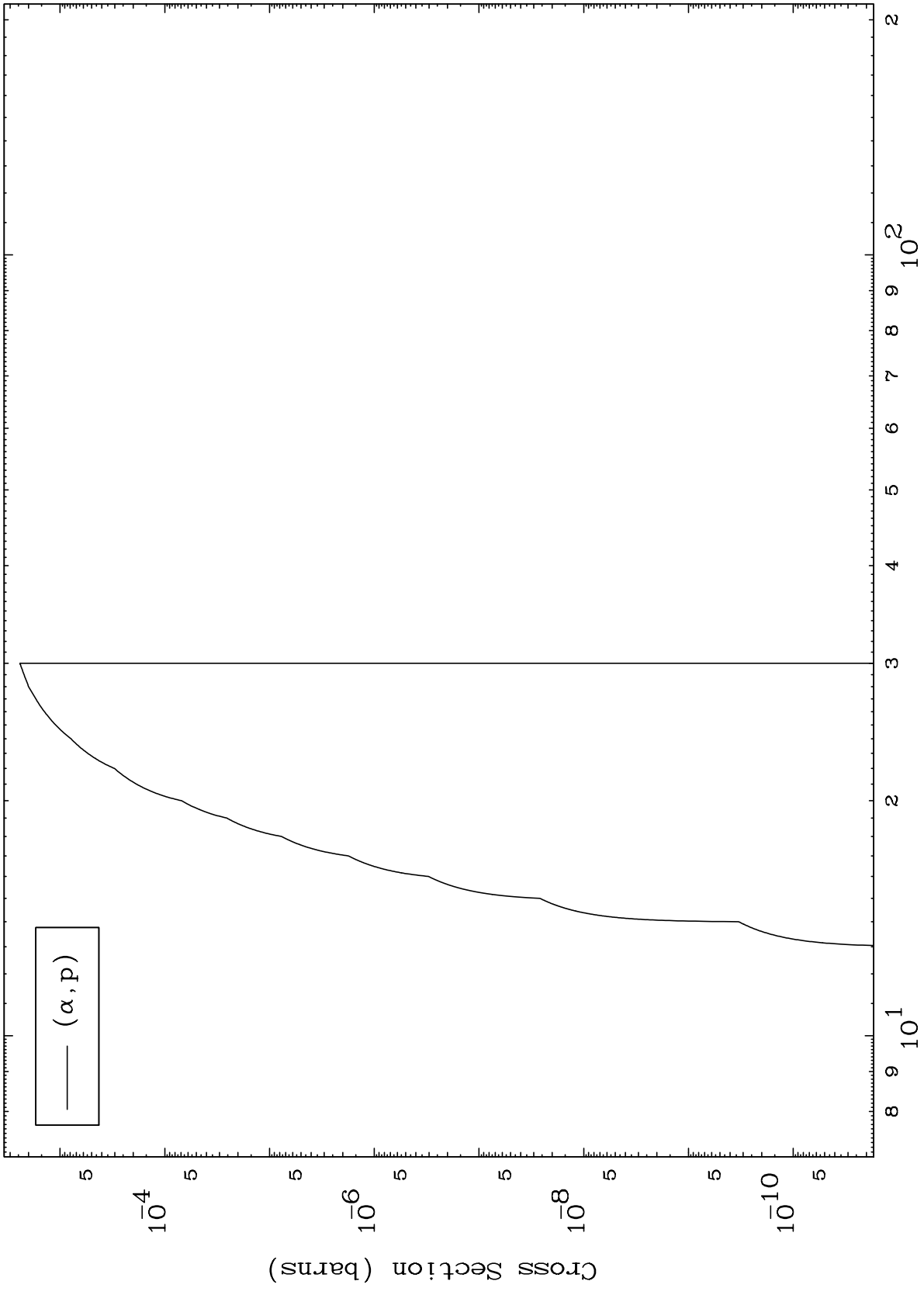
Incident Energy (MeV)

71-Lu-173

MAT 7119

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-173



6

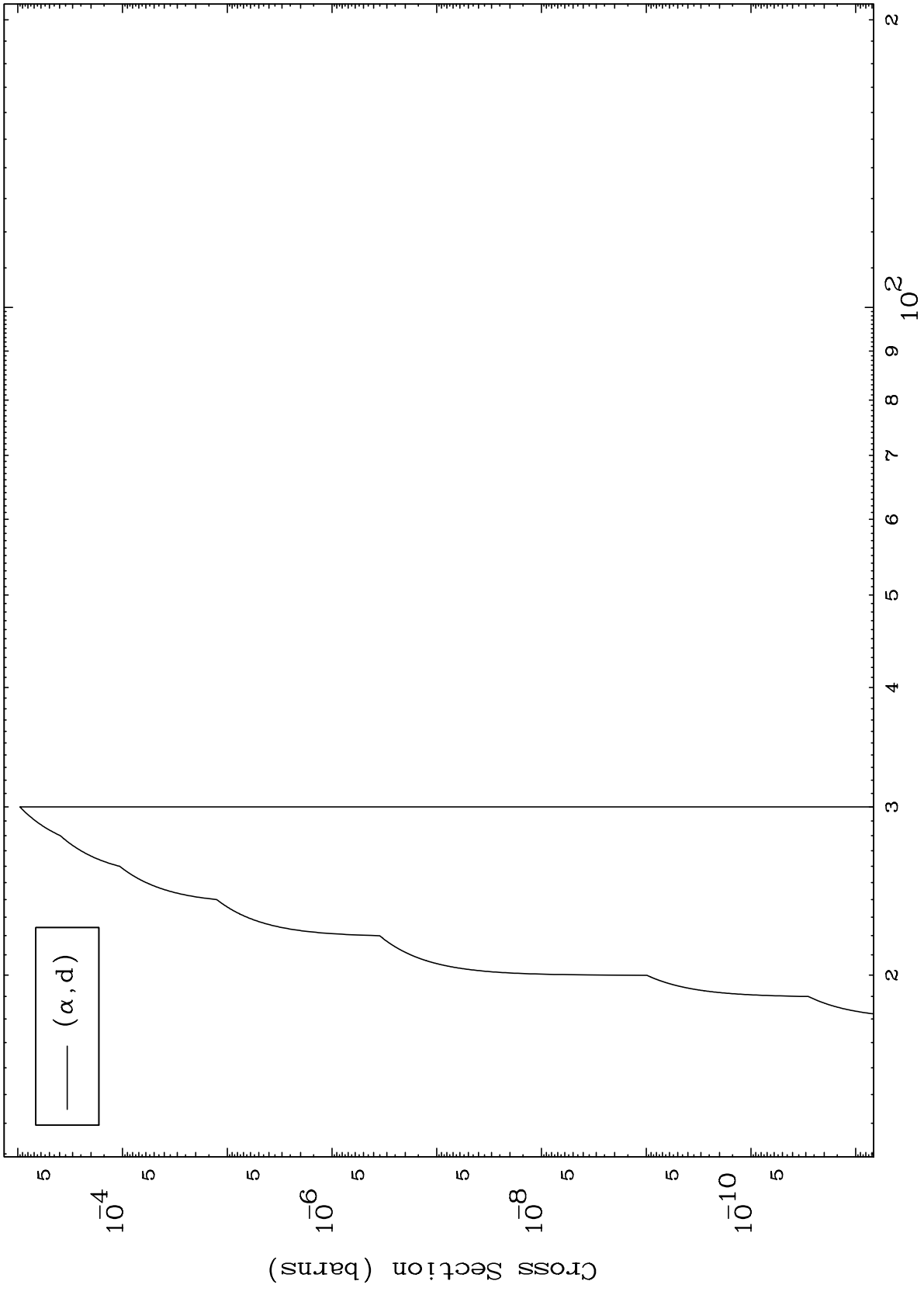
Incident Energy (MeV)

71-Lu-173

MAT 7119

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-173



7

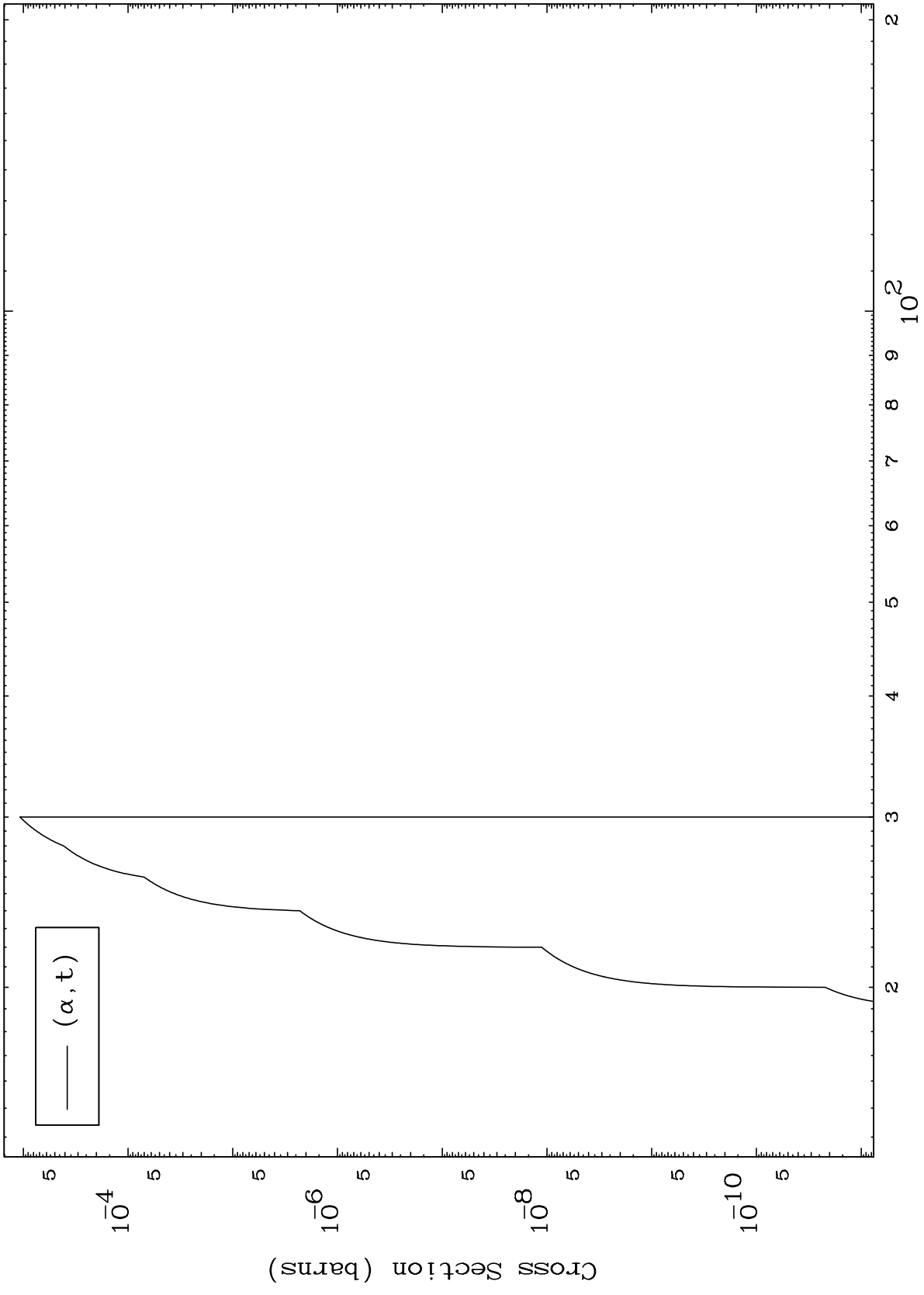
Incident Energy (MeV)

71-Lu-173

MAT 7119

(α, t) Levels
0 Kelvin Cross Sections

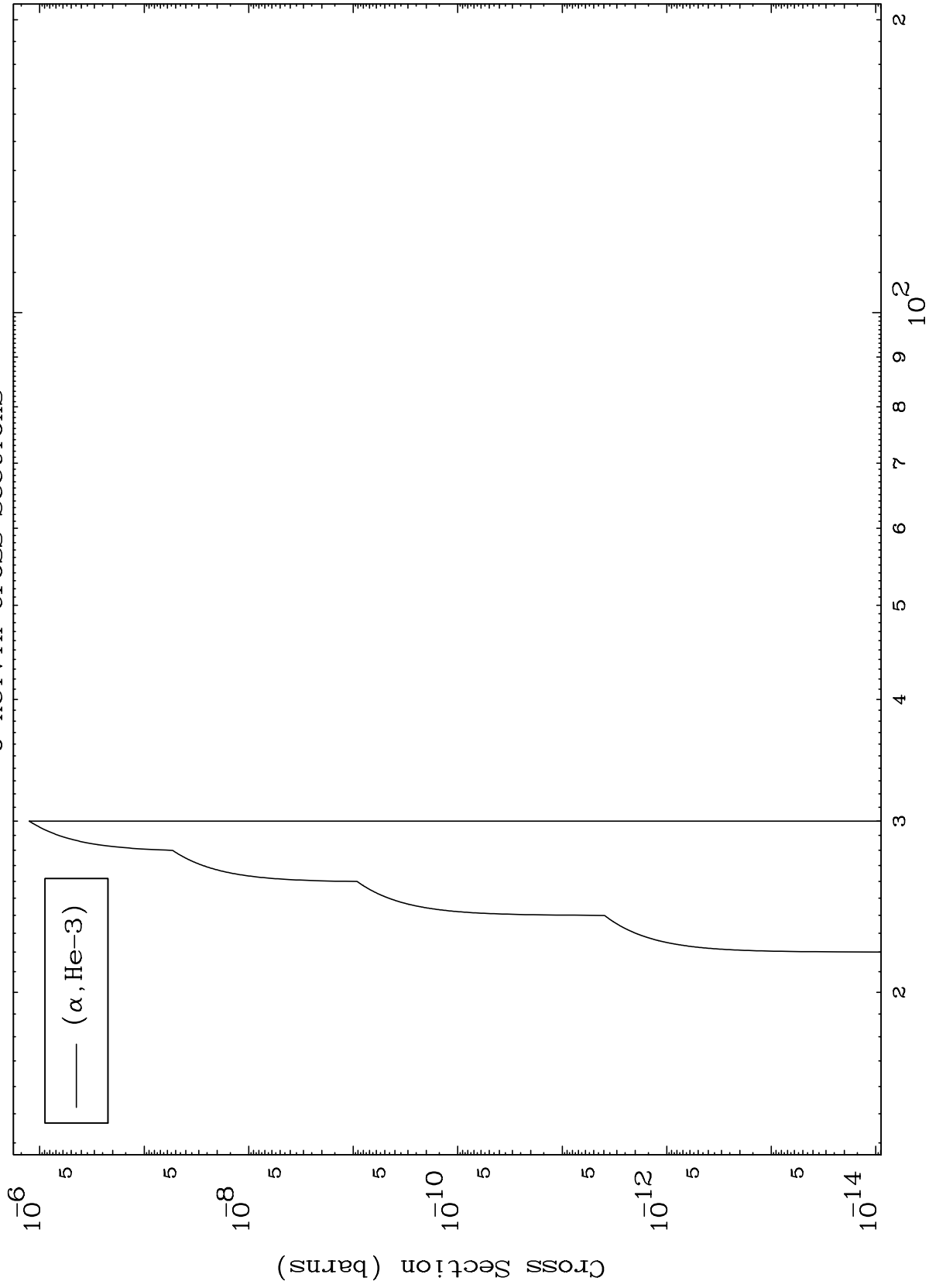
71-Lu-173



8

Incident Energy (MeV)

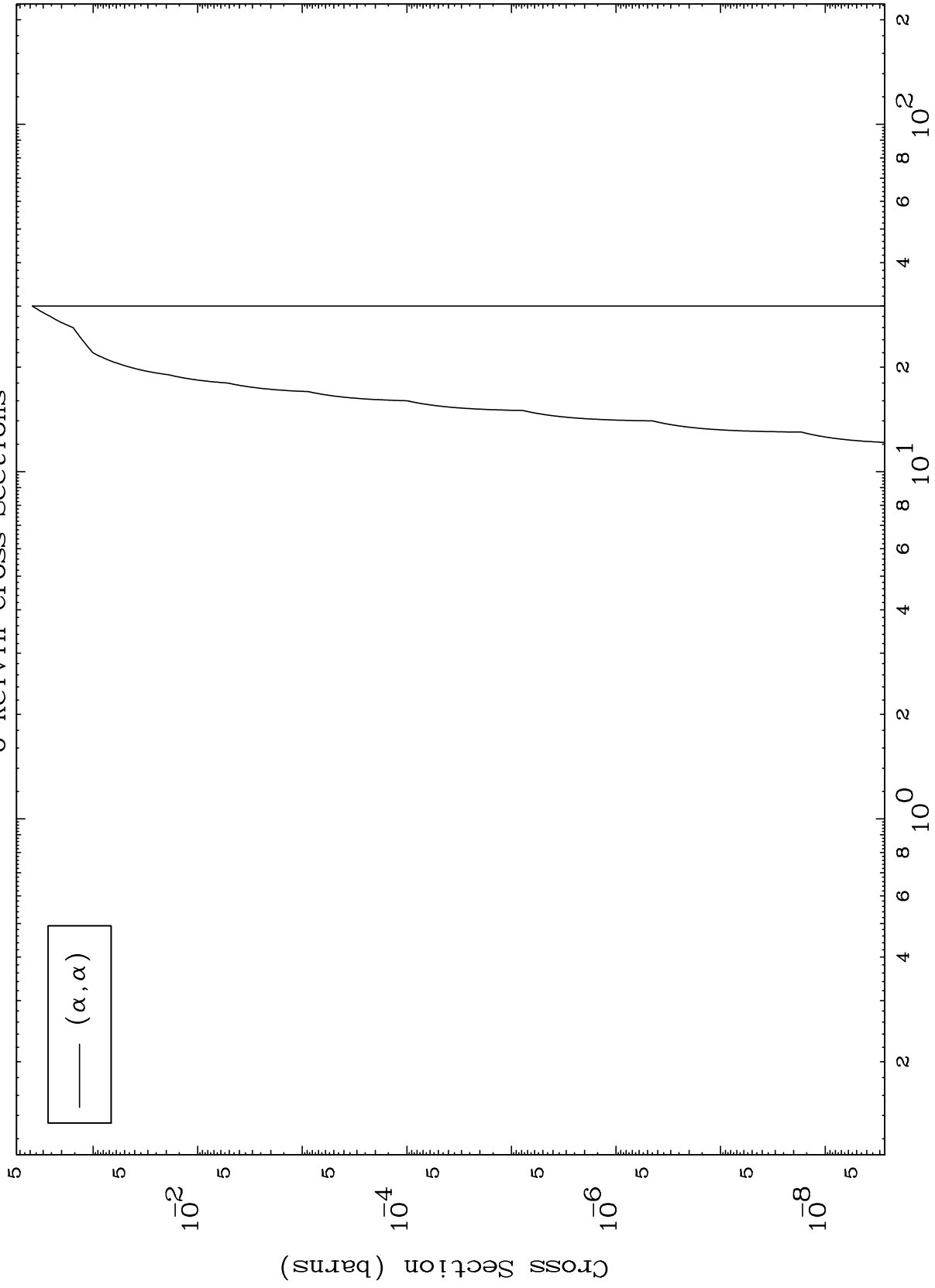
71-Lu-173



MAT 7119

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-173



10

Incident Energy (MeV)

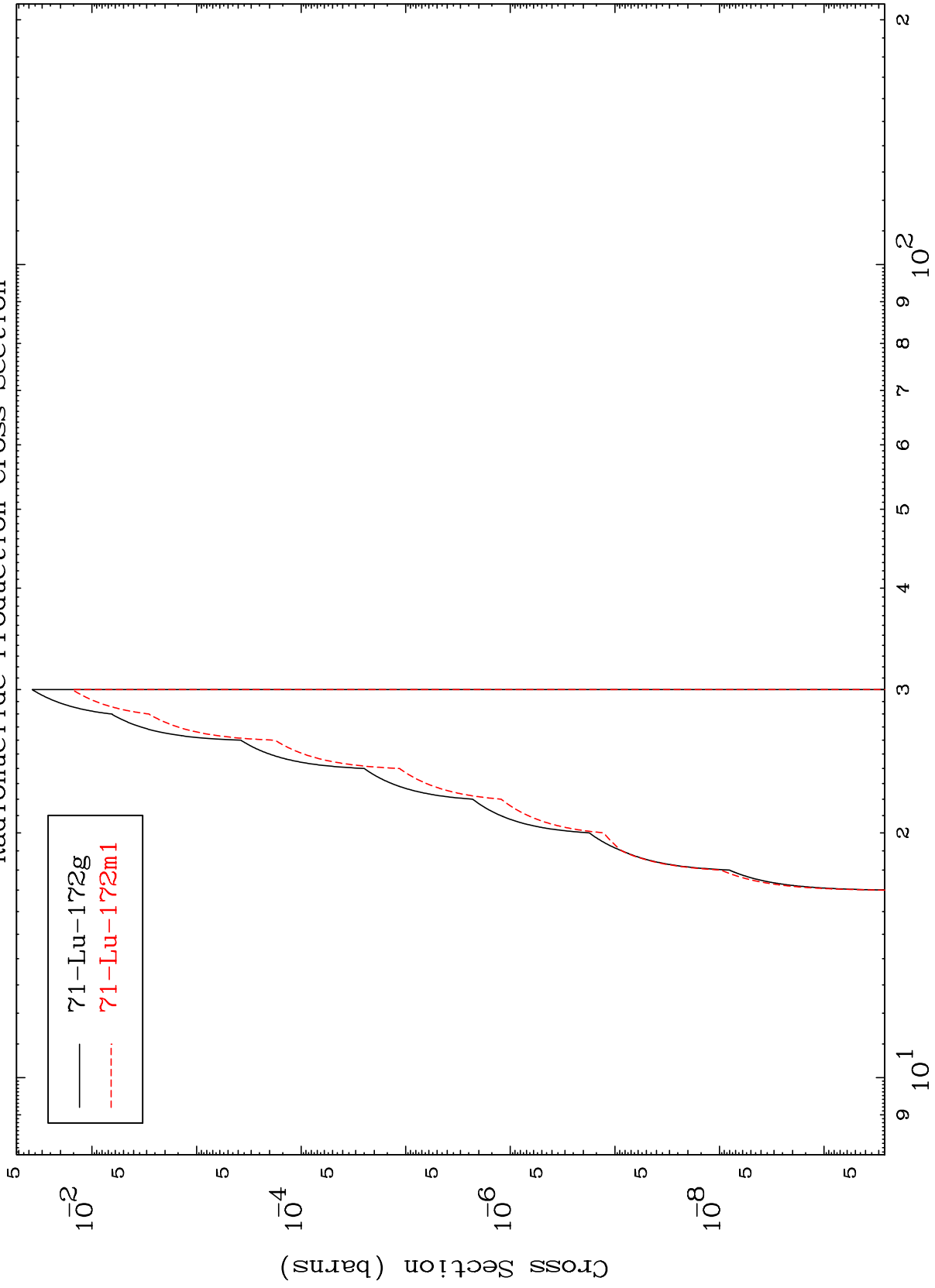
71-Lu-173

MAT 7119

(α, n') α

$^{71}\text{Lu-173}$

Radionuclide Production Cross Section



11

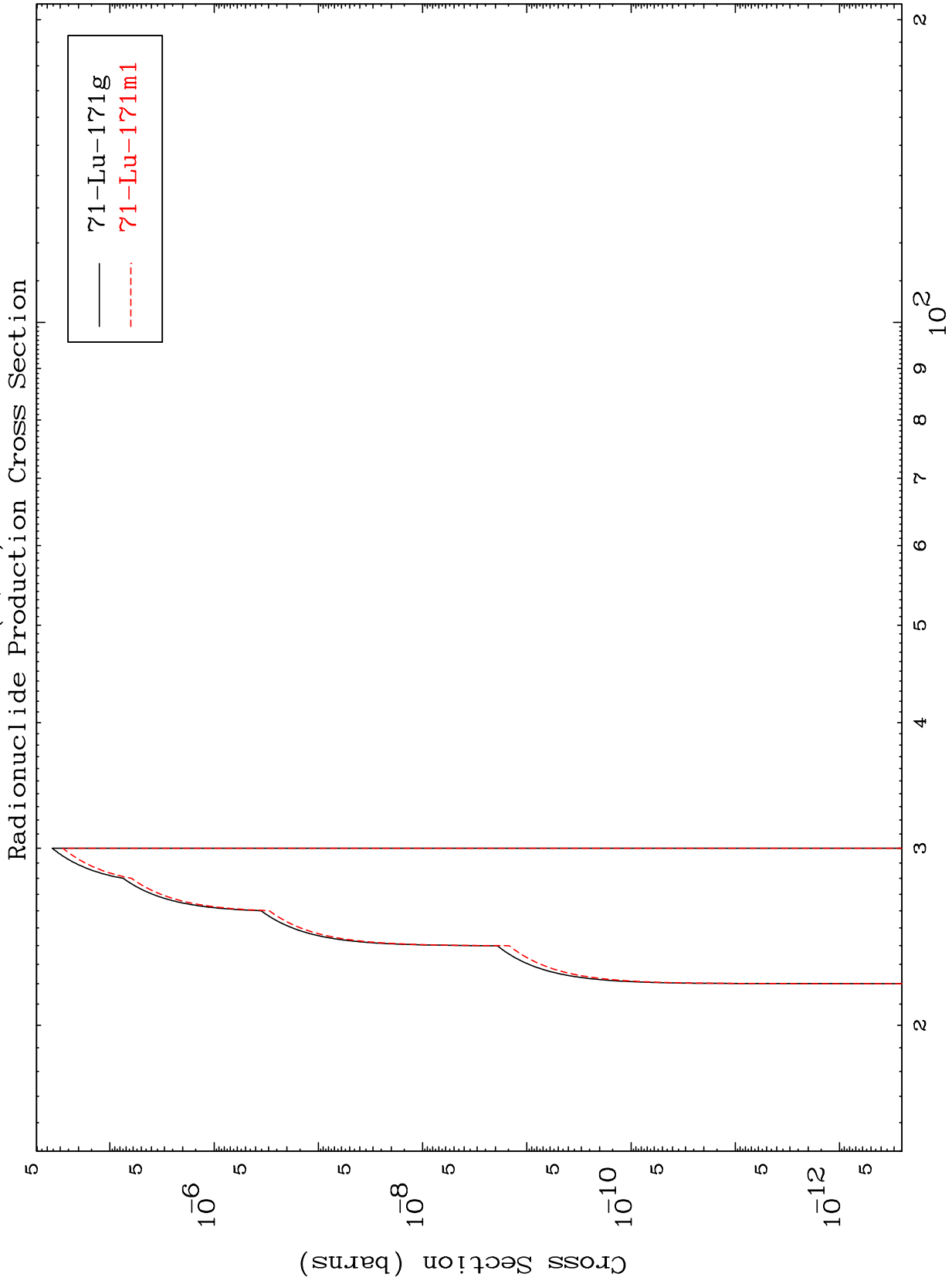
Incident Energy (MeV)

$^{71}\text{Lu-173}$

MAT 7119

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-173}$



12

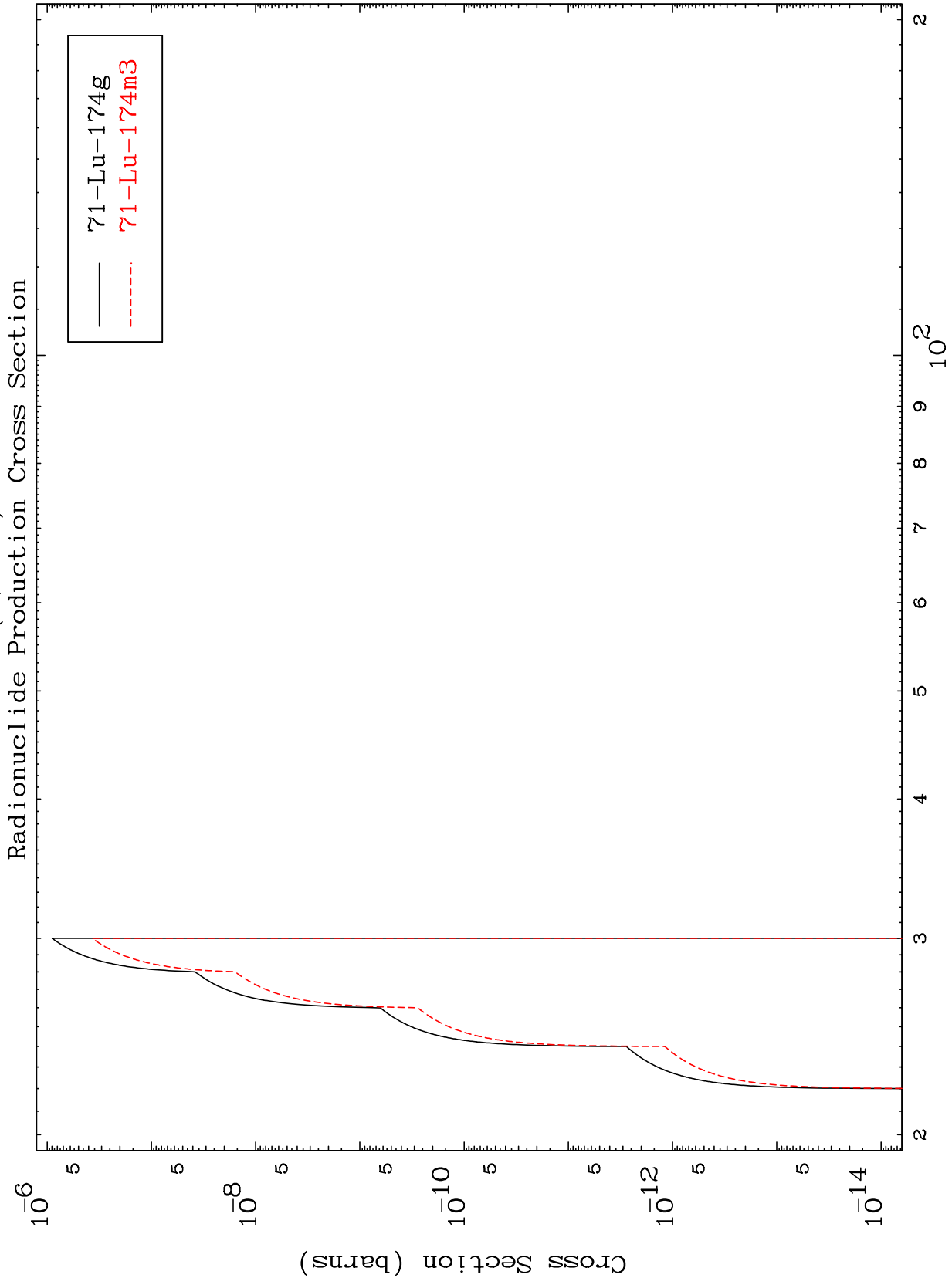
Incident Energy (MeV)

$^{71}\text{Lu-173}$

MAT 7119

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

$^{71}\text{Lu-173}$



13

$^{71}\text{Lu-173}$