

Program EVALPLOT
(Version 2018-1)

by

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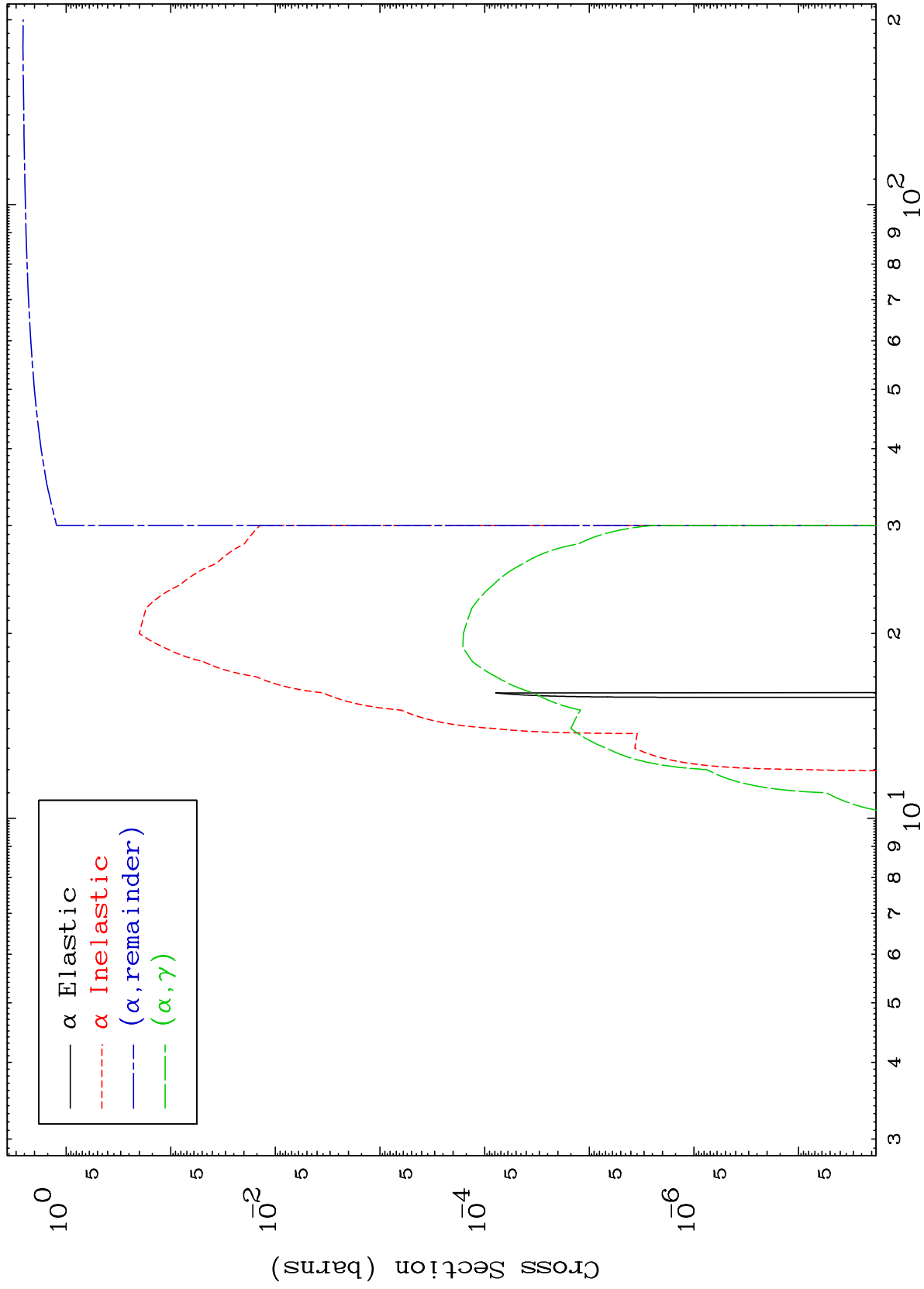
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7114

0 Kelvin α Major
Cross Sections

71-Lu-171



1

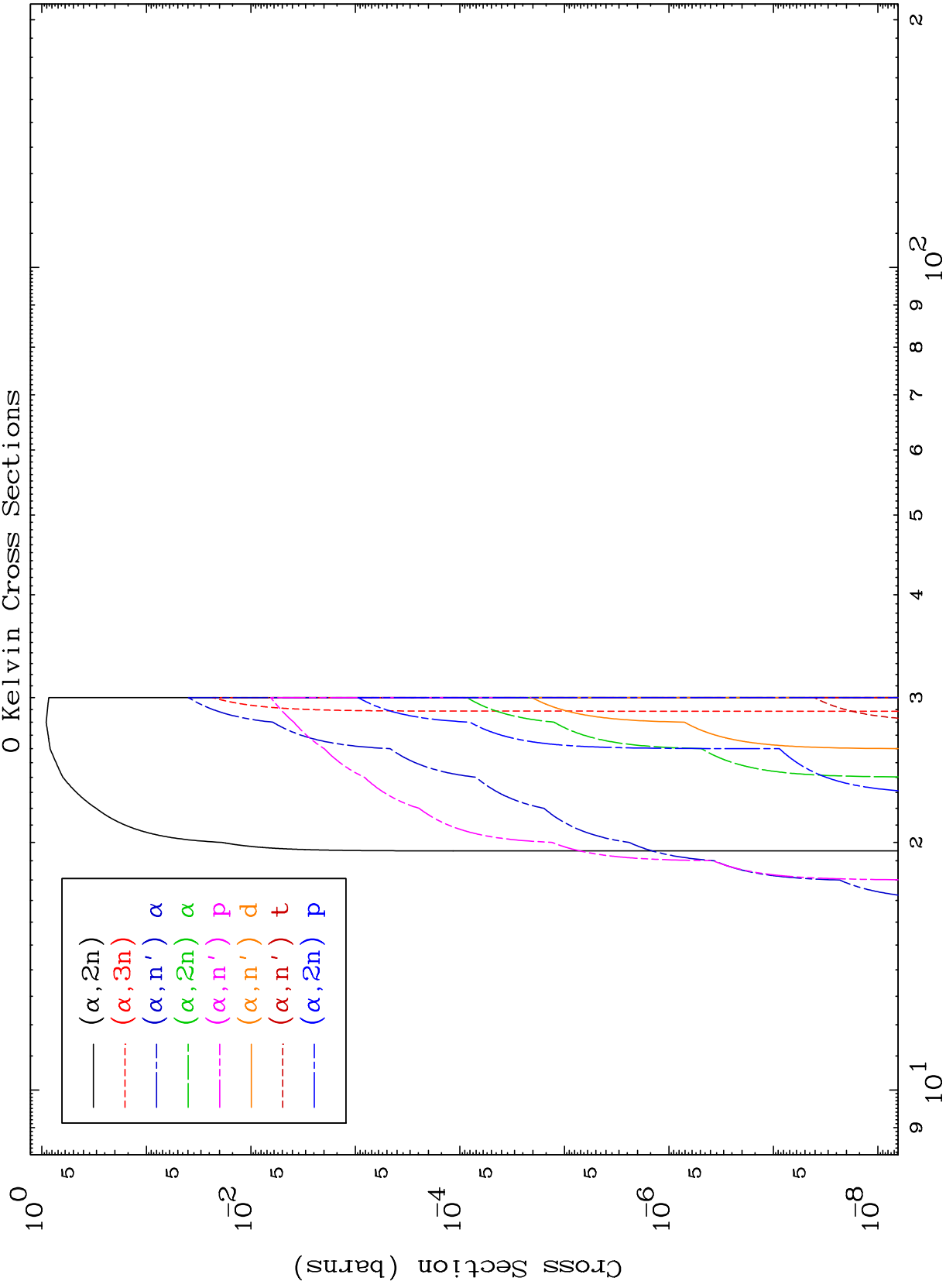
Incident Energy (MeV)

71-Lu-171

MAT 7114

α Neutron Production
0 Kelvin Cross Sections

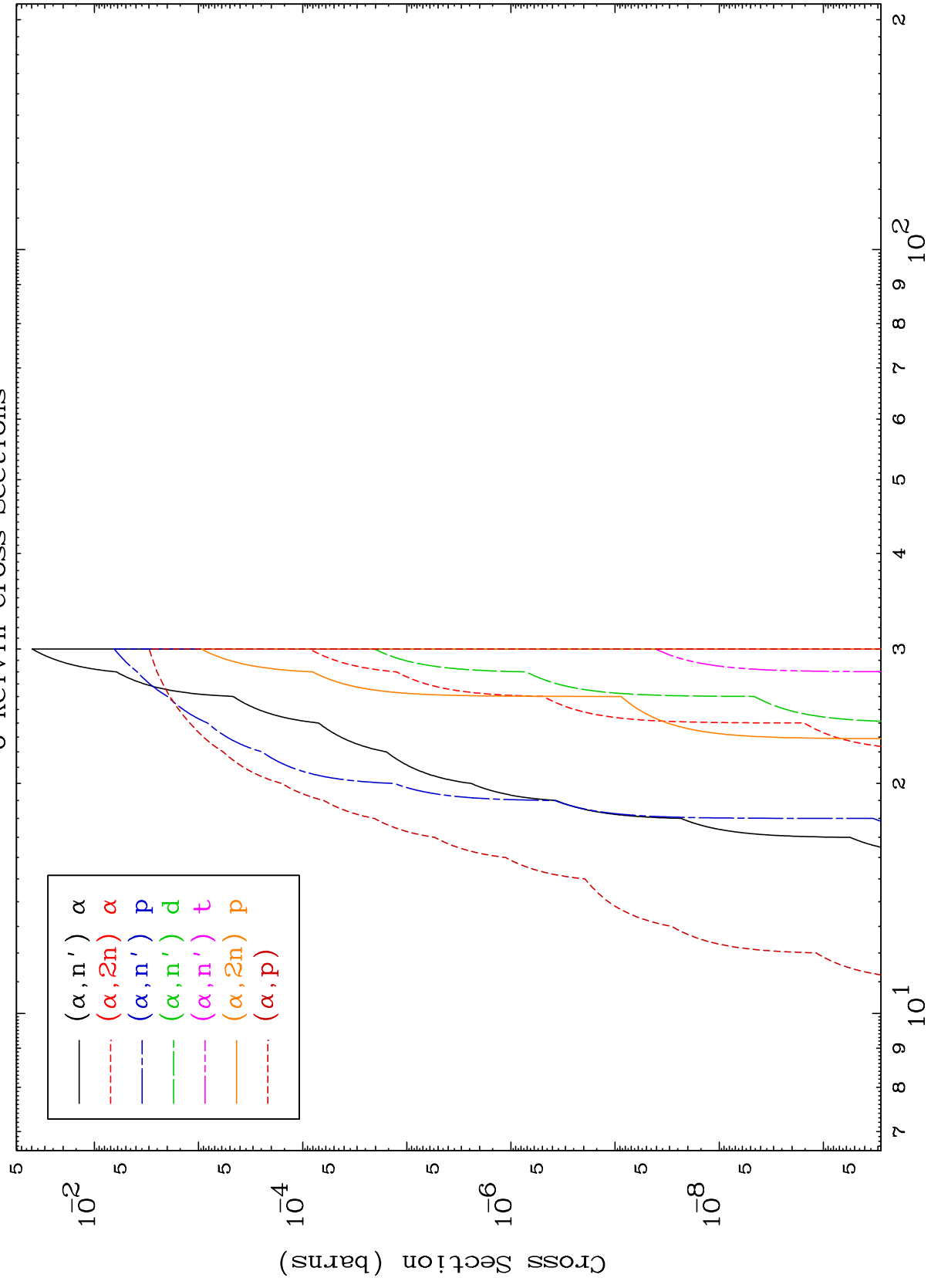
71-Lu-171



2

Incident Energy (MeV)

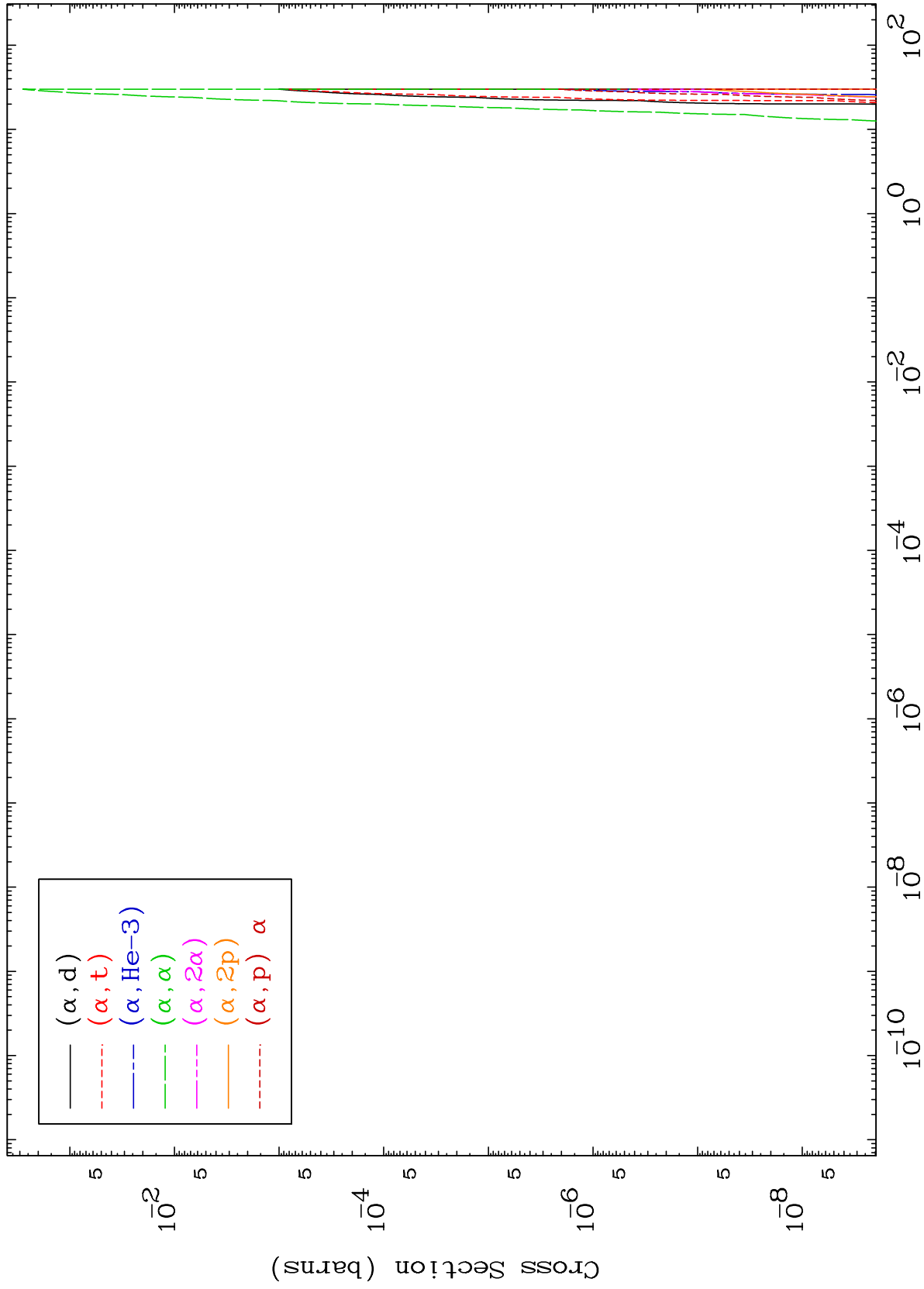
71-Lu-171



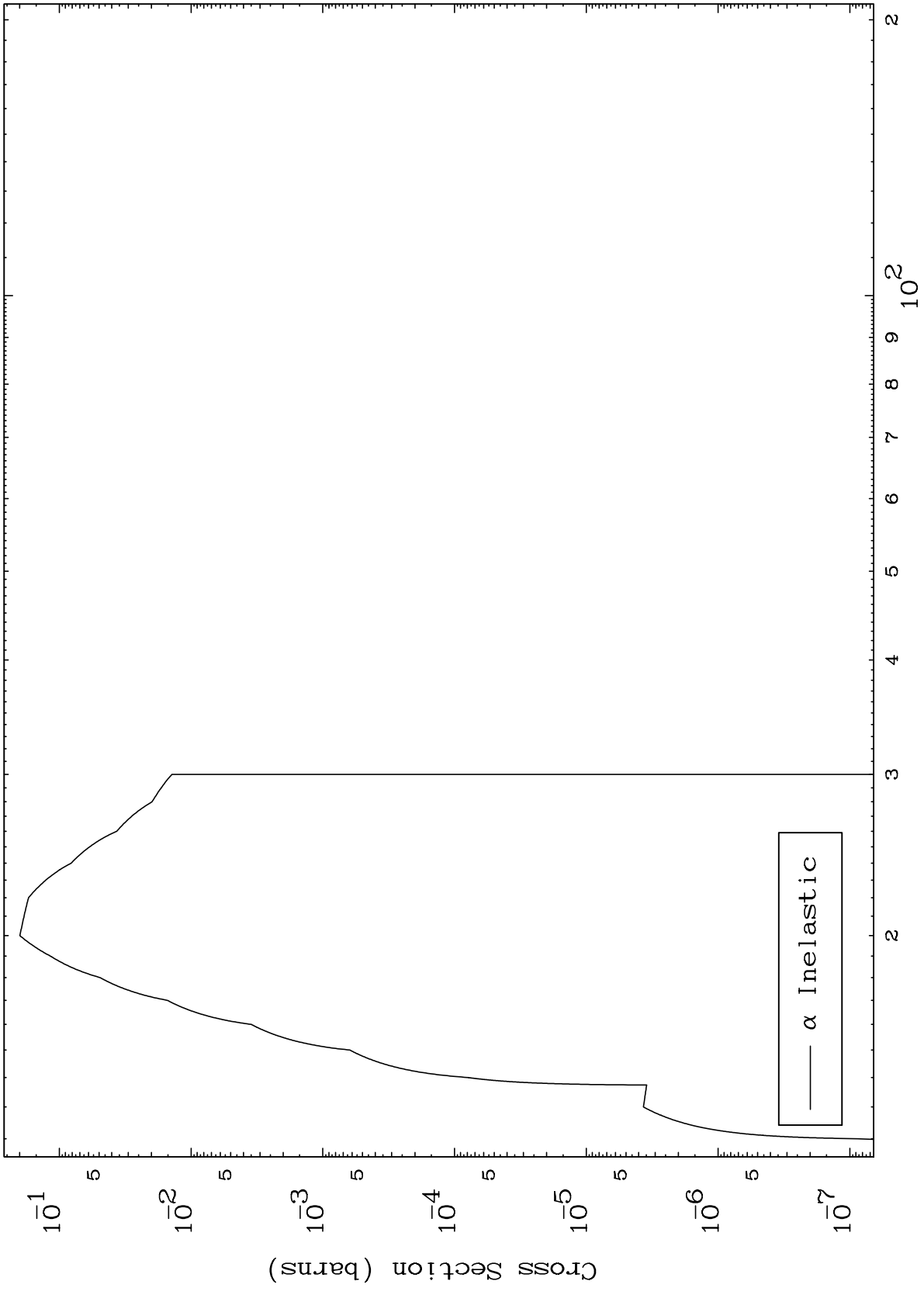
MAT 7114

α Charged Particle
0 Kelvin Cross Sections

71-Lu-171



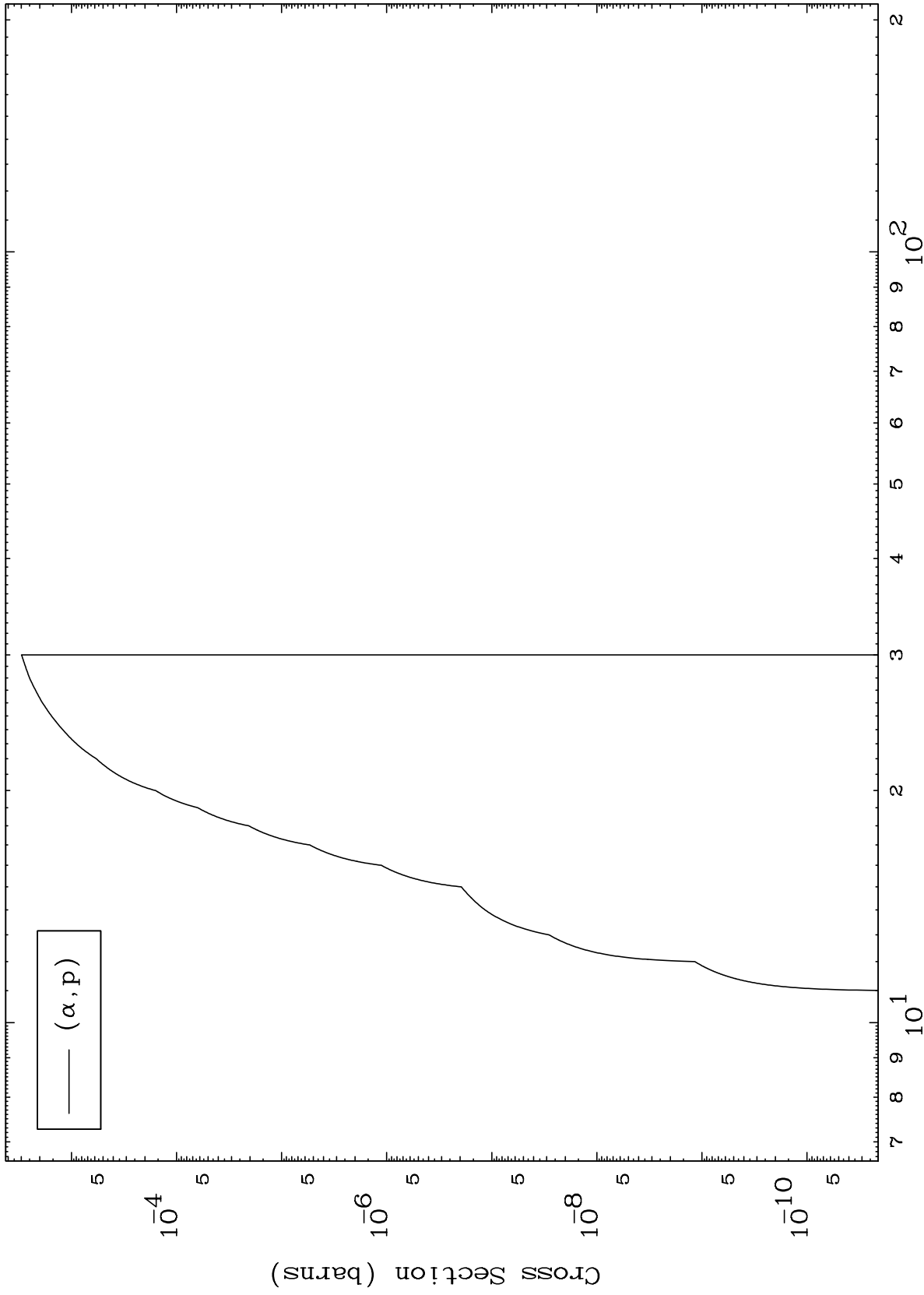
71-Lu-171



MAT 7114

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-171



6

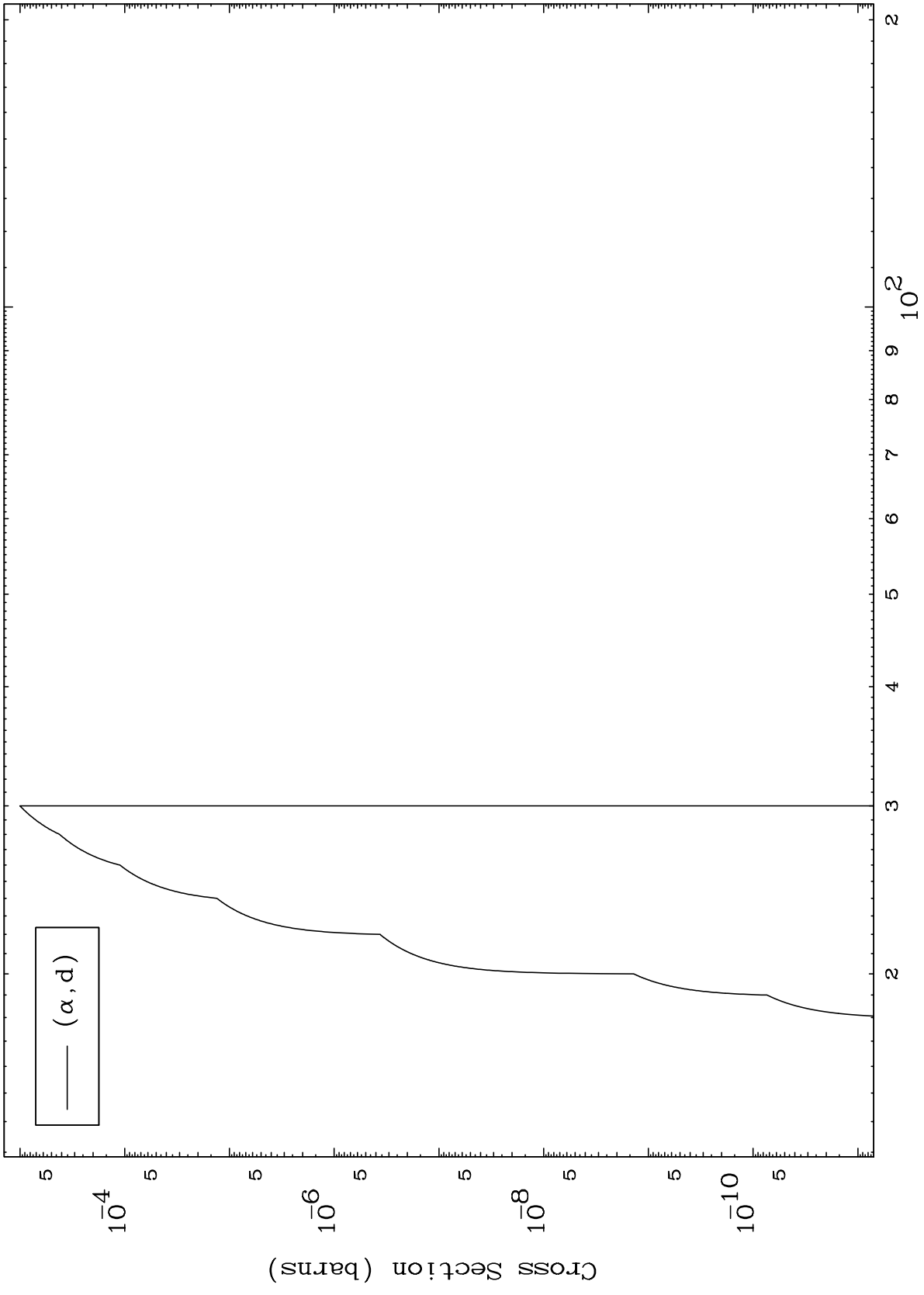
Incident Energy (MeV)

71-Lu-171

MAT 7114

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-171



7

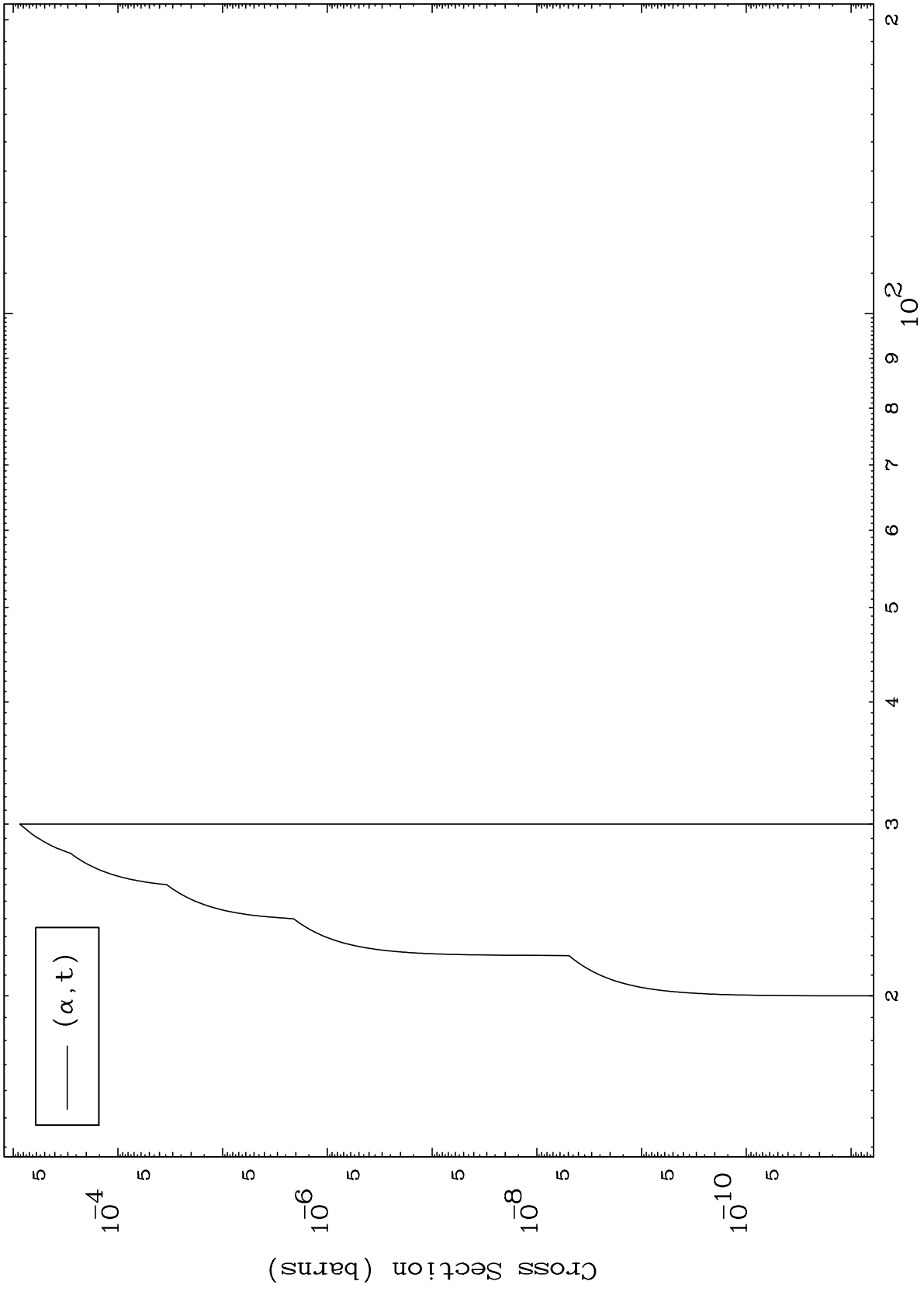
Incident Energy (MeV)

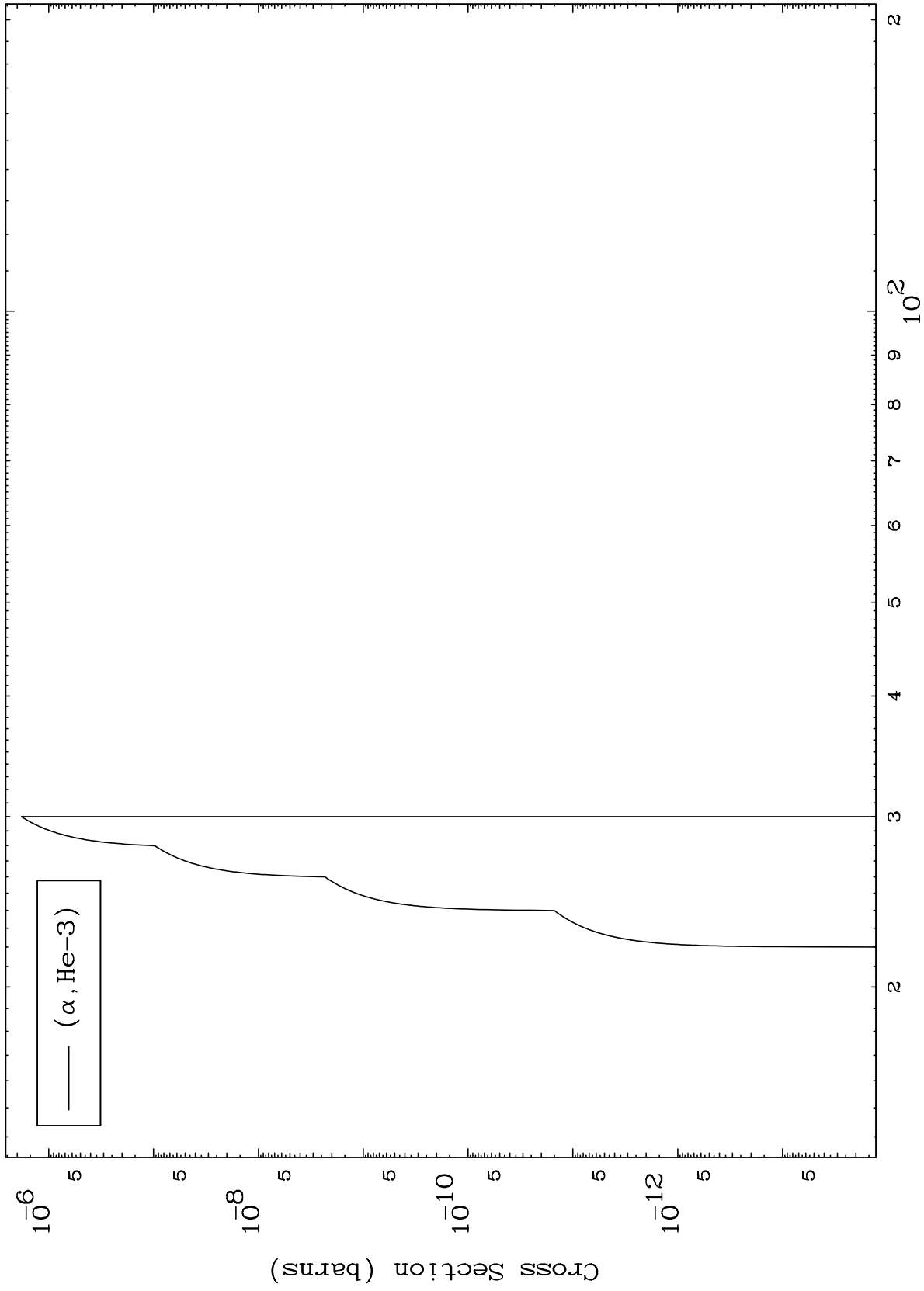
71-Lu-171

MAT 7114

(α, t) Levels
0 Kelvin Cross Sections

71-Lu-171

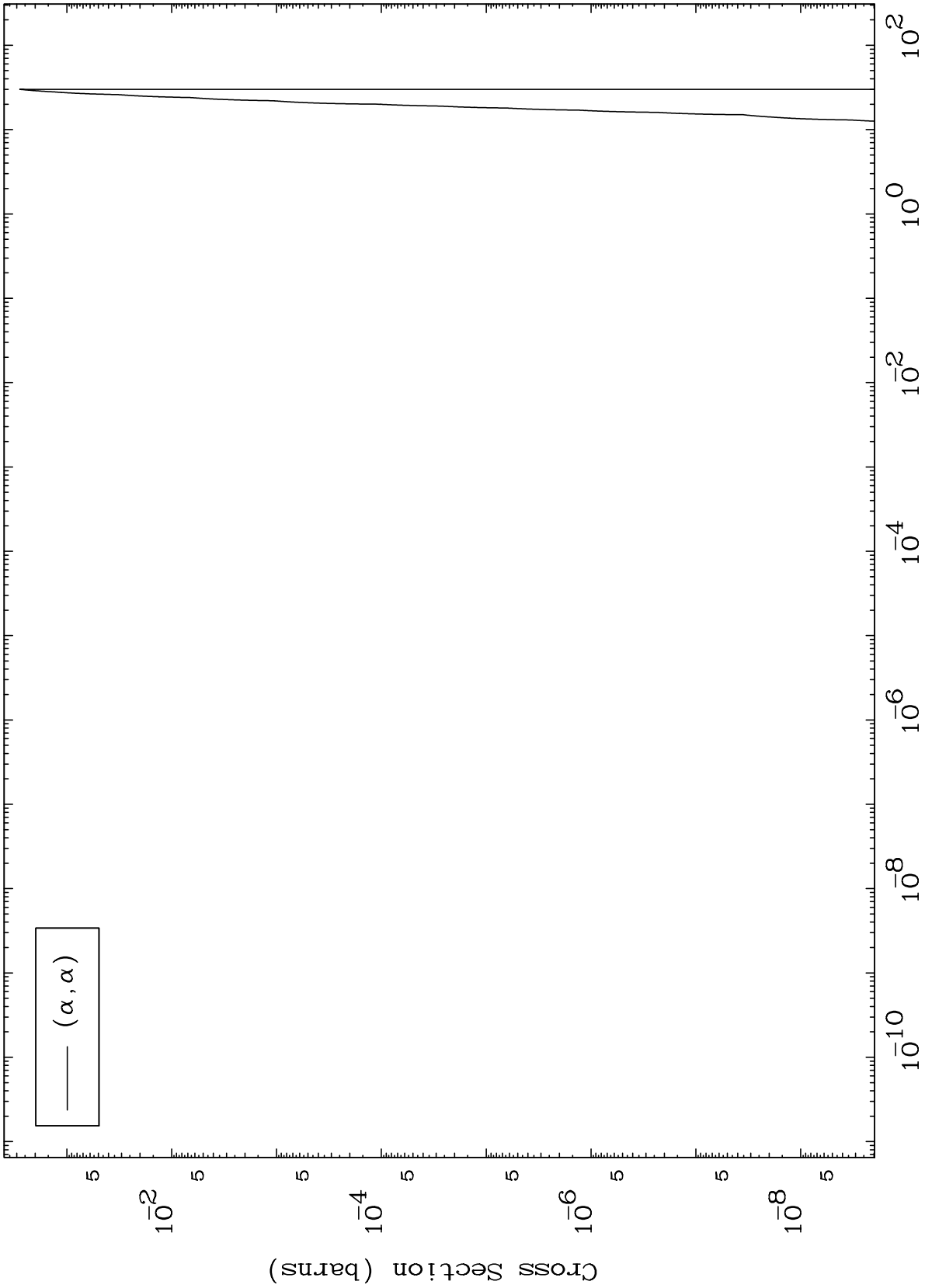




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(α, α) Levels
0 Kelvin Cross Sections

71-Lu-171



10

Incident Energy (MeV)

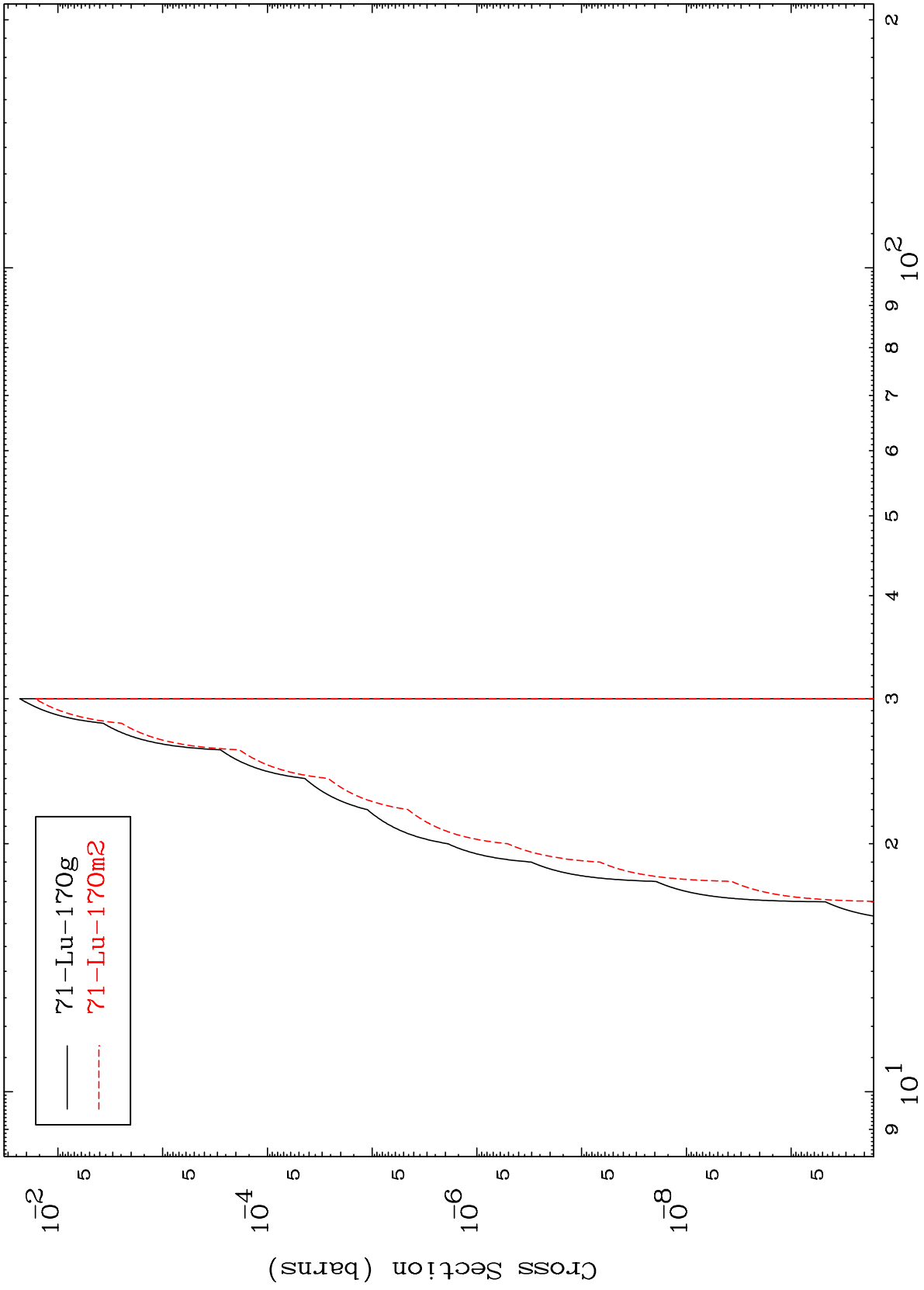
71-Lu-171

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(α, n') α

71-Lu-171

Radionuclide Production Cross Section



71-Lu-170g
71-Lu-170m2

11

Incident Energy (MeV)

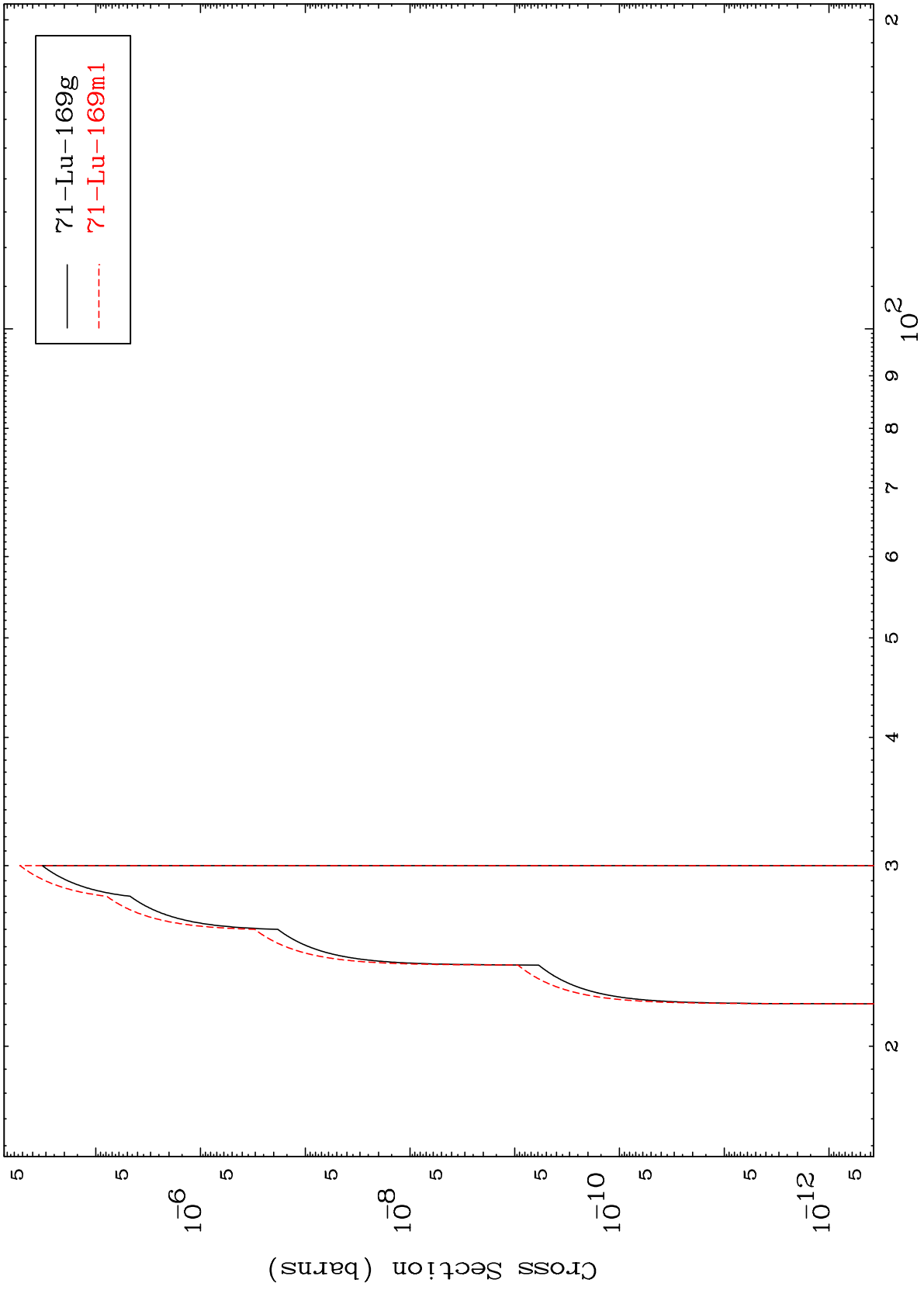
71-Lu-171

MAT 7114

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-171}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

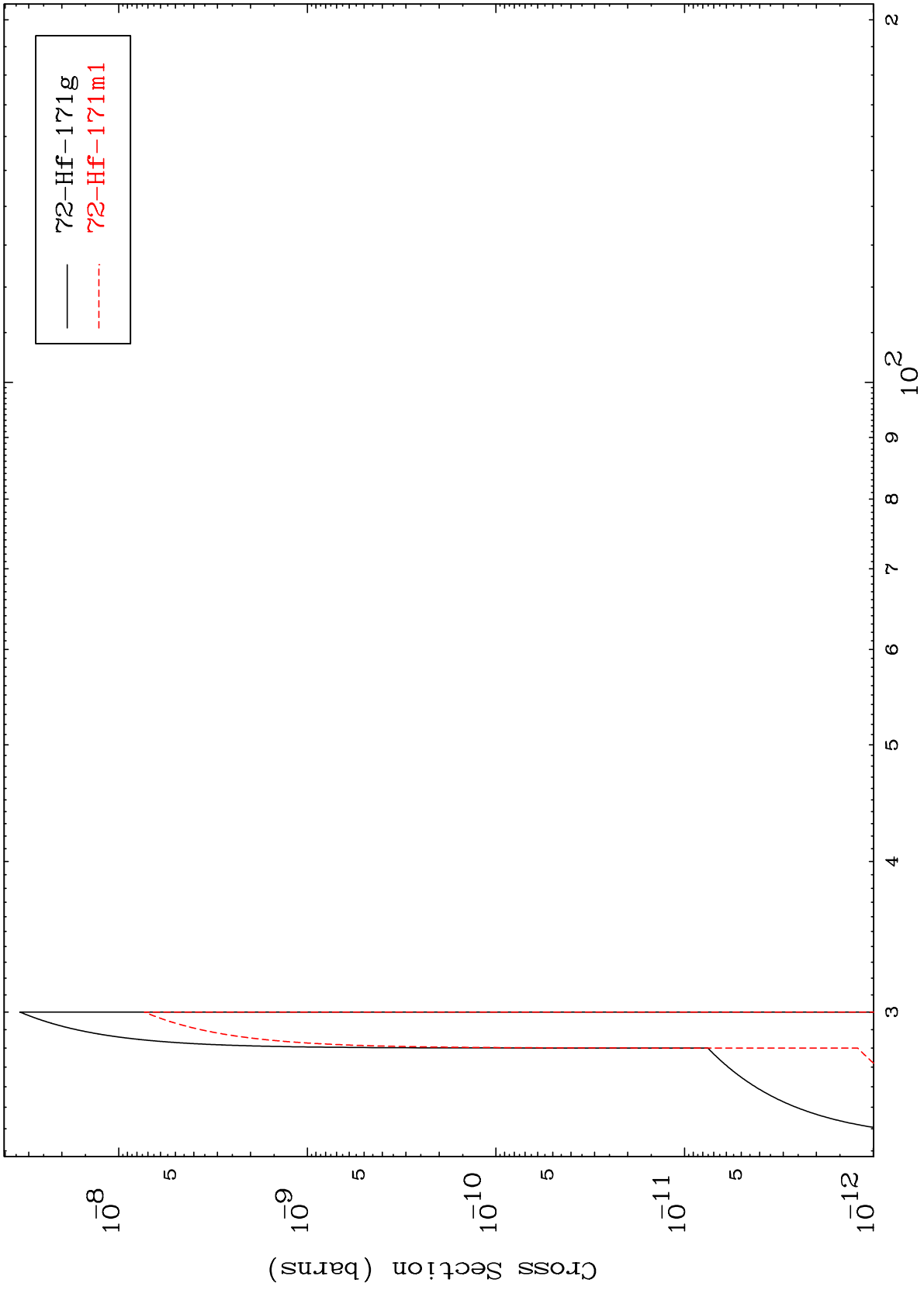
$^{71}\text{Lu-171}$

MAT 7114

(α, n') t

71-Lu-171

Radionuclide Production Cross Section



13

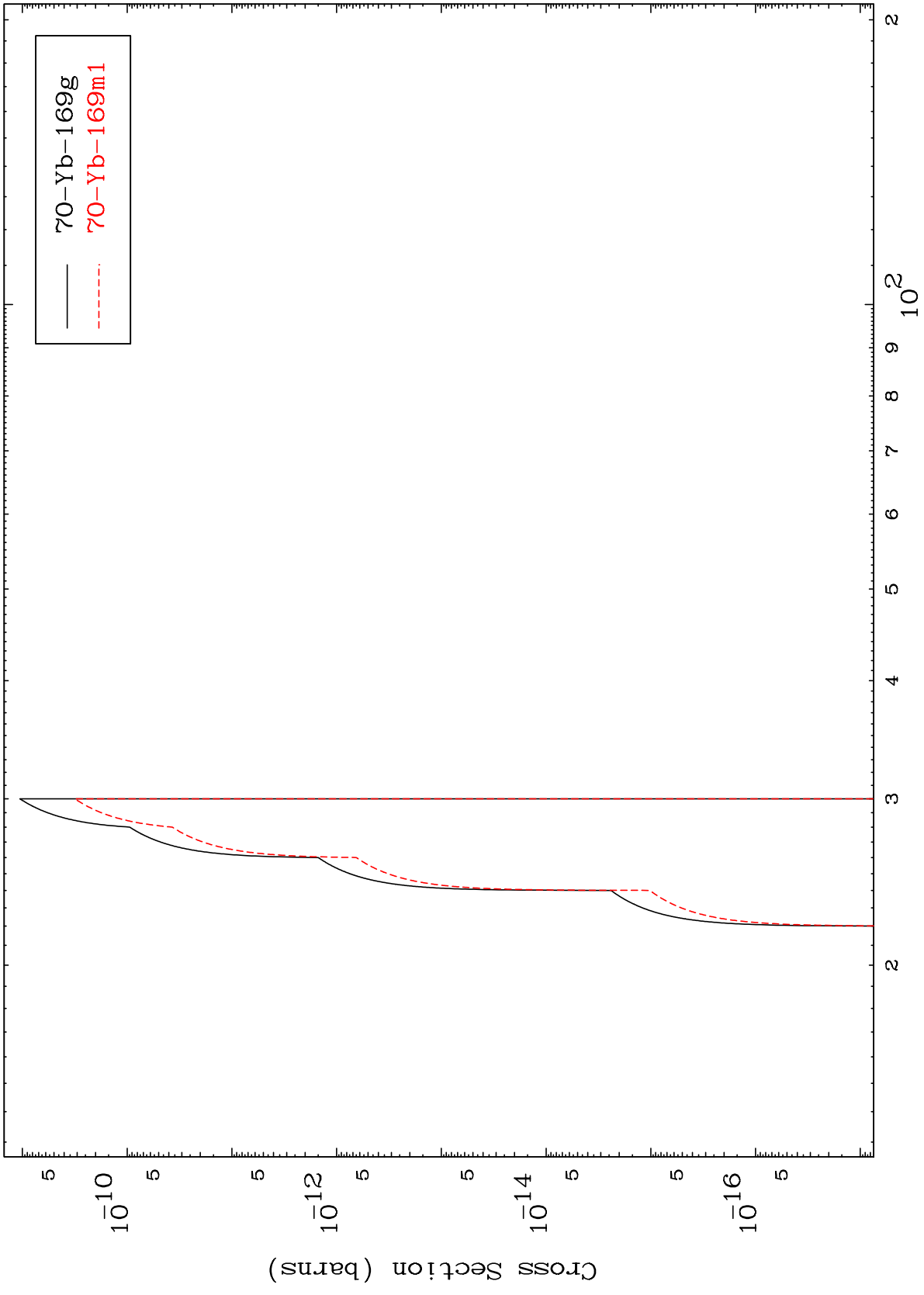
Incident Energy (MeV)

71-Lu-171

MAT 7114

71-Lu-171

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



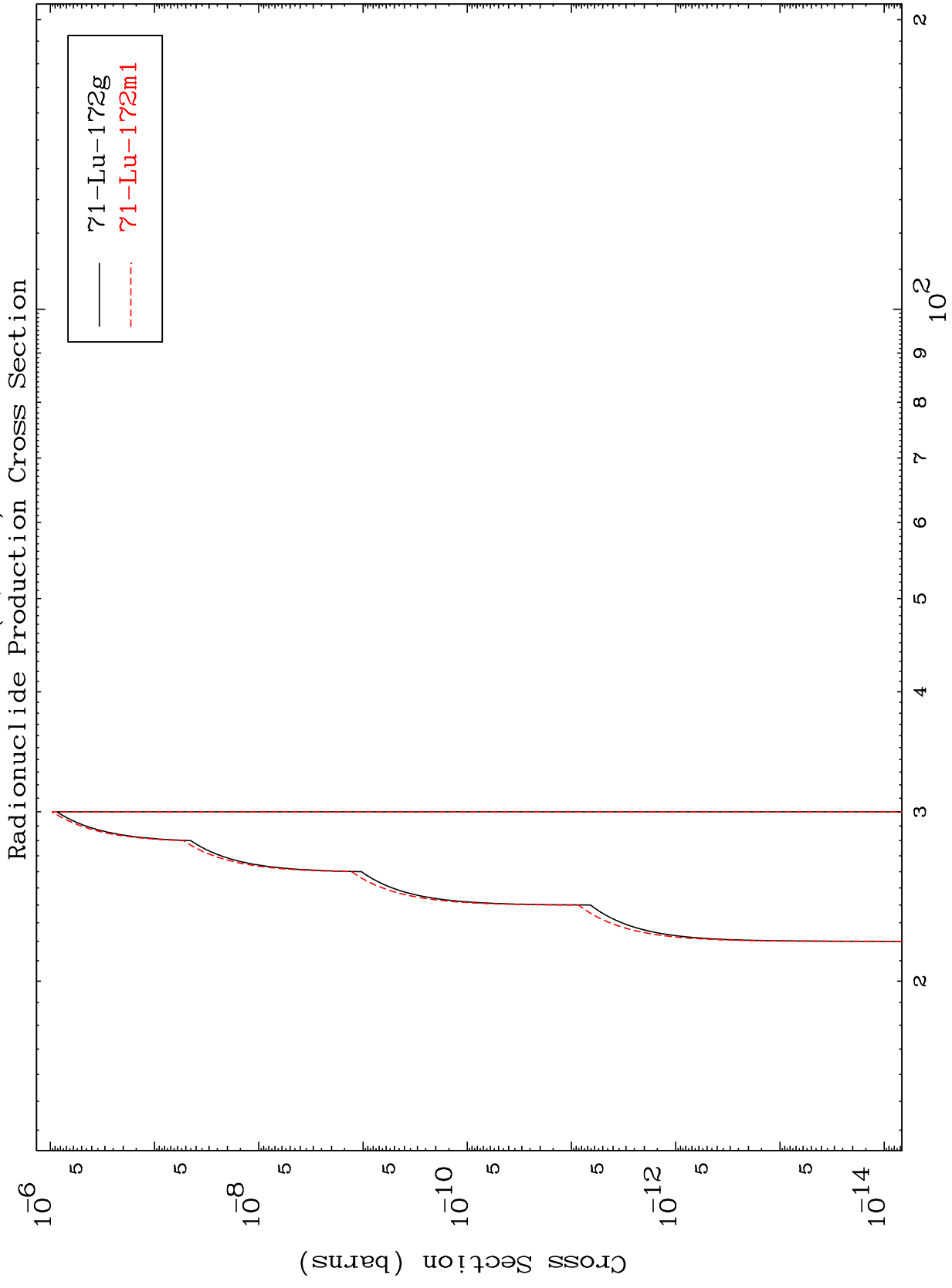
14

71-Lu-171

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

71-Lu-171



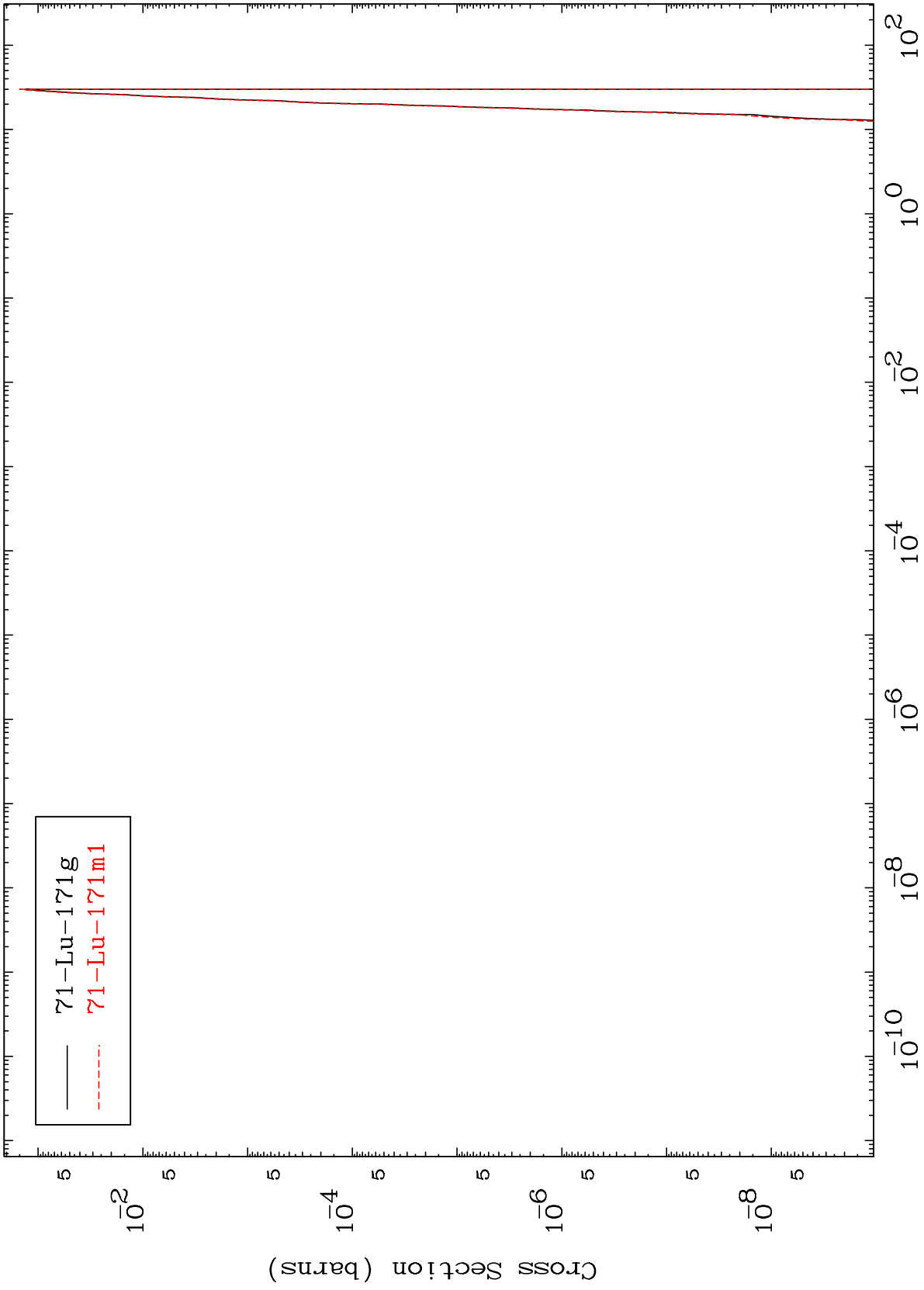
15

71-Lu-171

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(α, α)
Radionuclide Production Cross Section

$^{71}\text{Lu-171}$



16

Incident Energy (MeV)

$^{71}\text{Lu-171}$