

Program EVALPLOT
(Version 2018-1)

by

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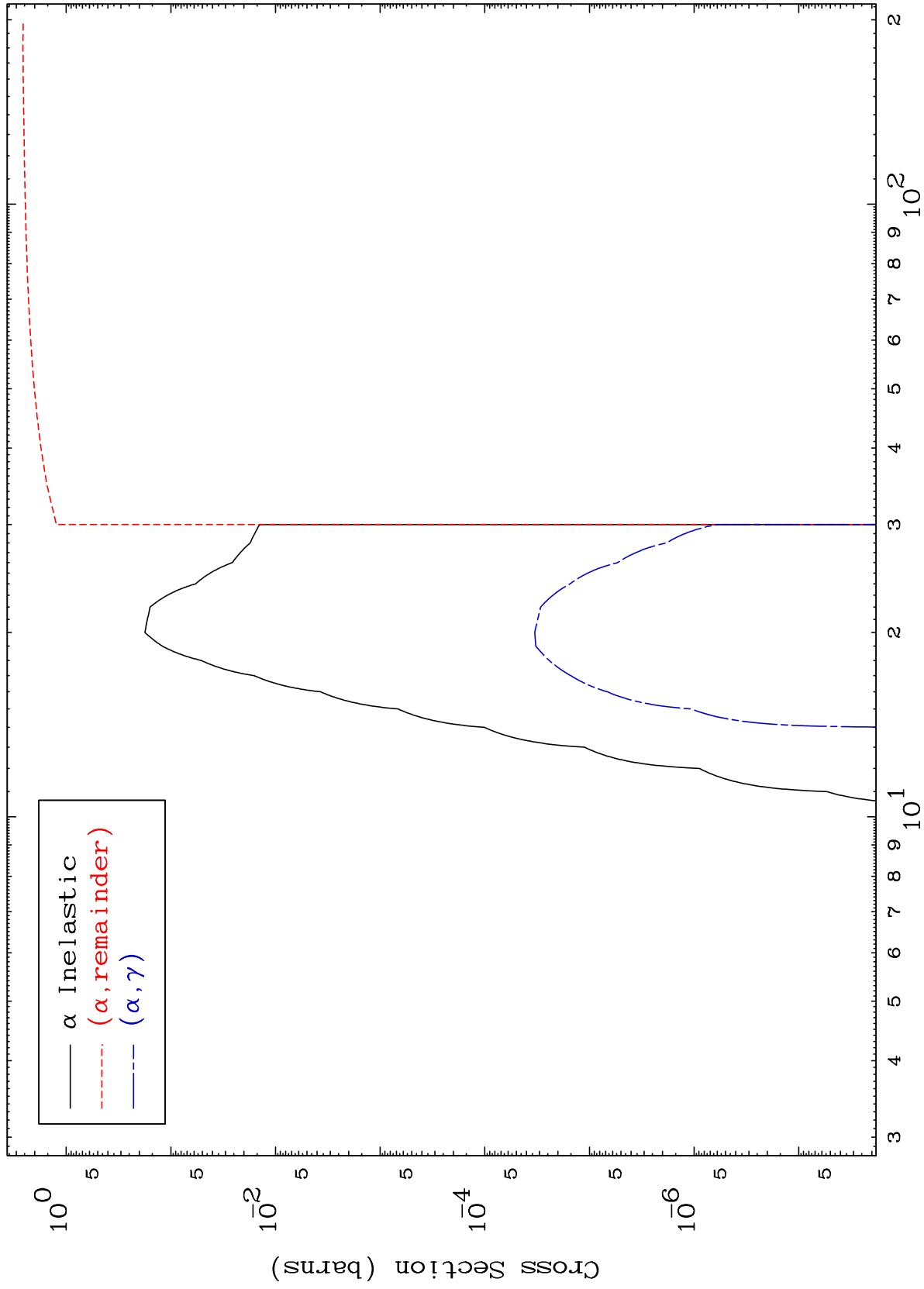
Press Mouse Button to Start

MAT 7117

α Major

71-Lu-172

0 Kelvin Cross Sections



1

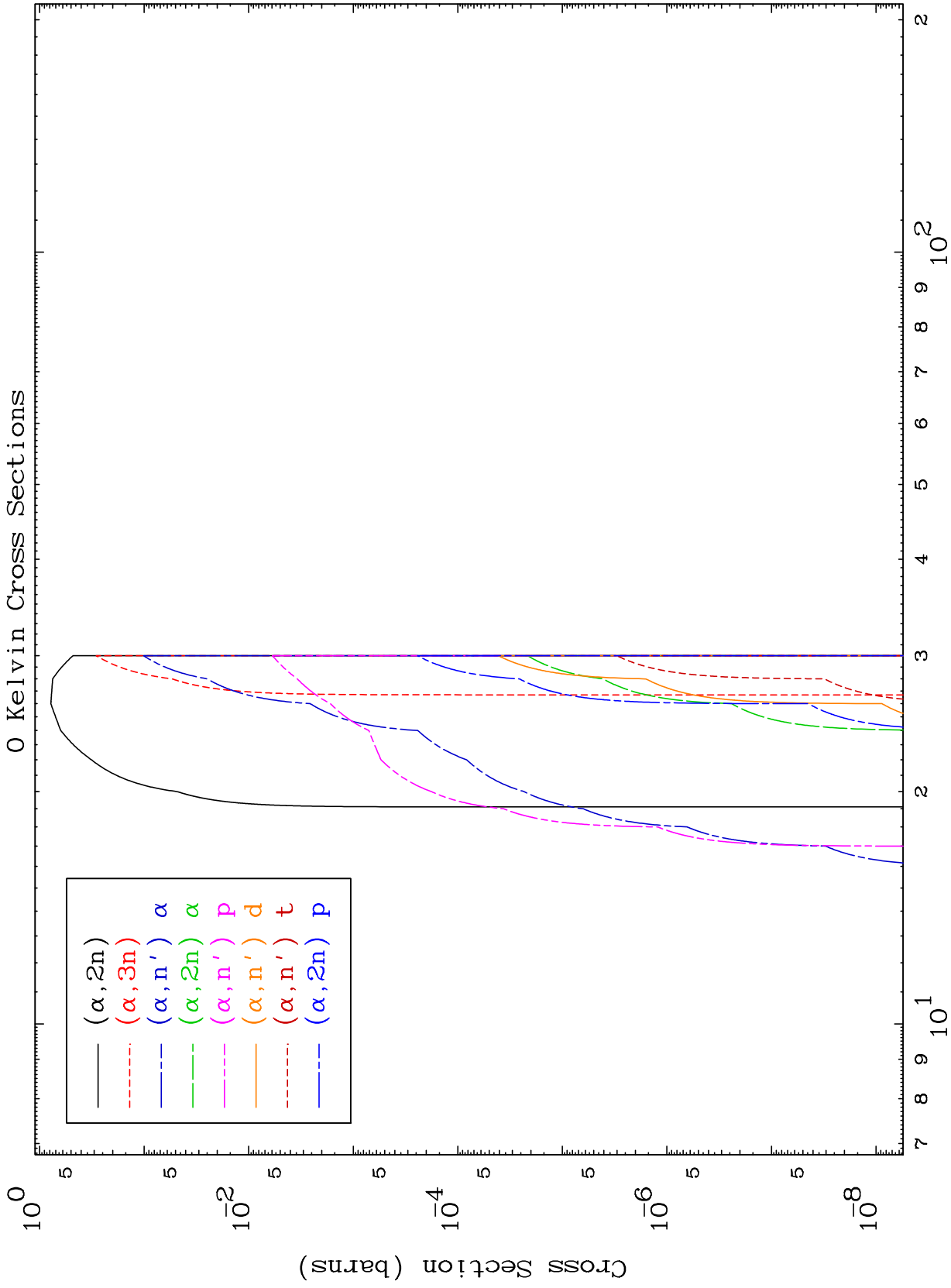
Incident Energy (MeV)

71-Lu-172

MAT 7117

α Neutron Production
0 Kelvin Cross Sections

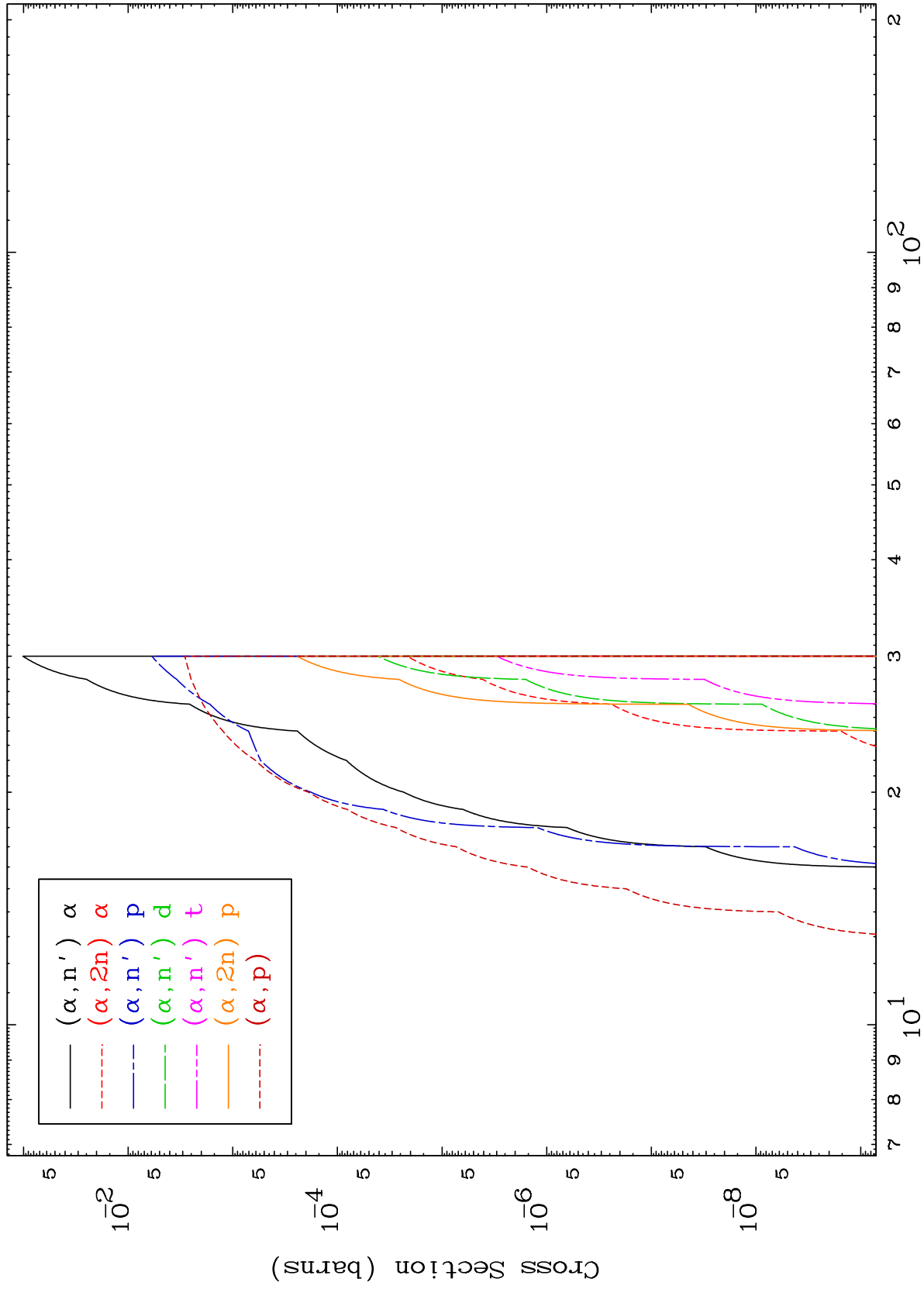
71-Lu-172



2

Incident Energy (MeV)

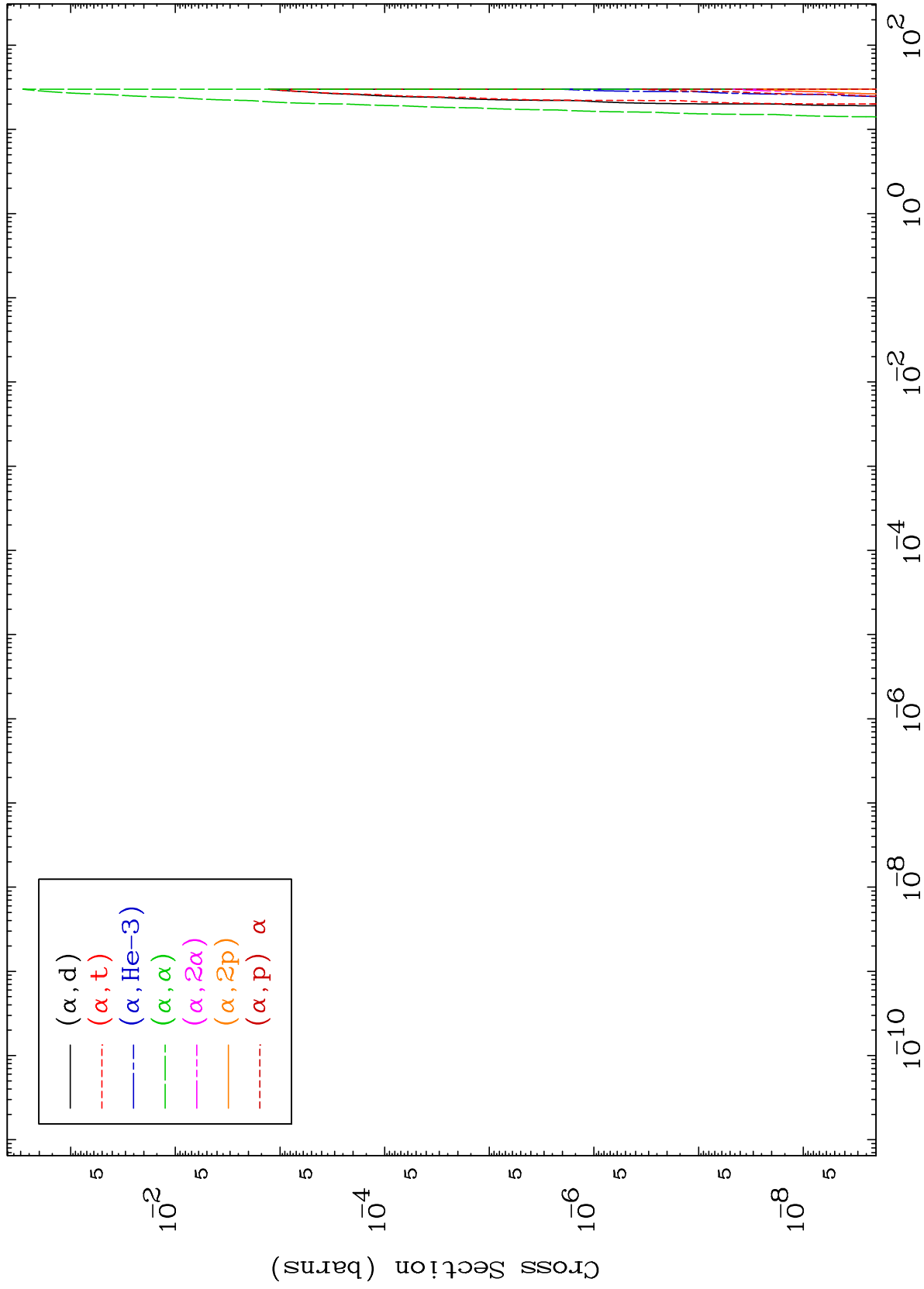
71-Lu-172



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α Charged Particle
0 Kelvin Cross Sections

71-Lu-172

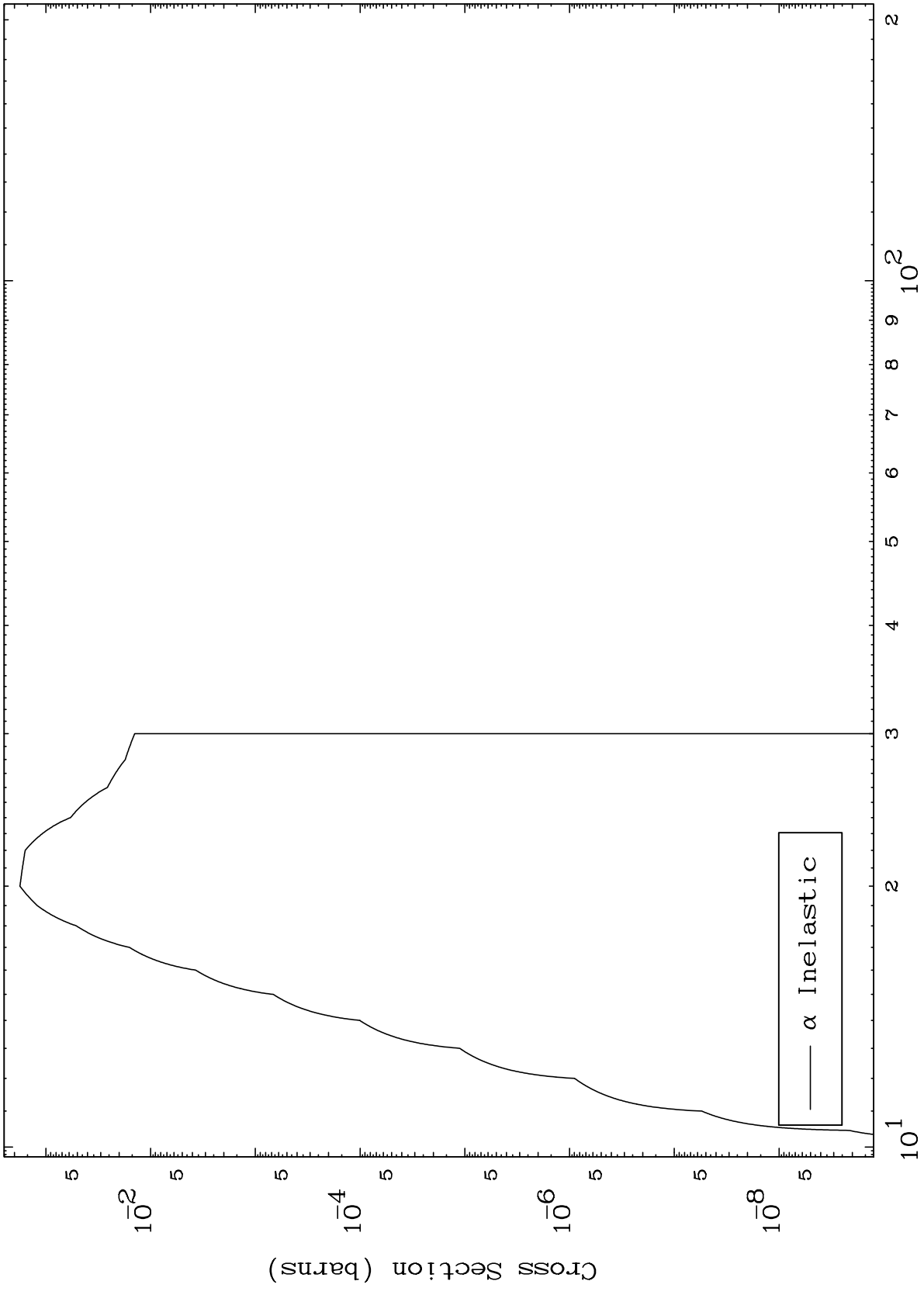


71-Lu-172

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(α, n') Level
0 Kelvin Cross Sections

71-Lu-172



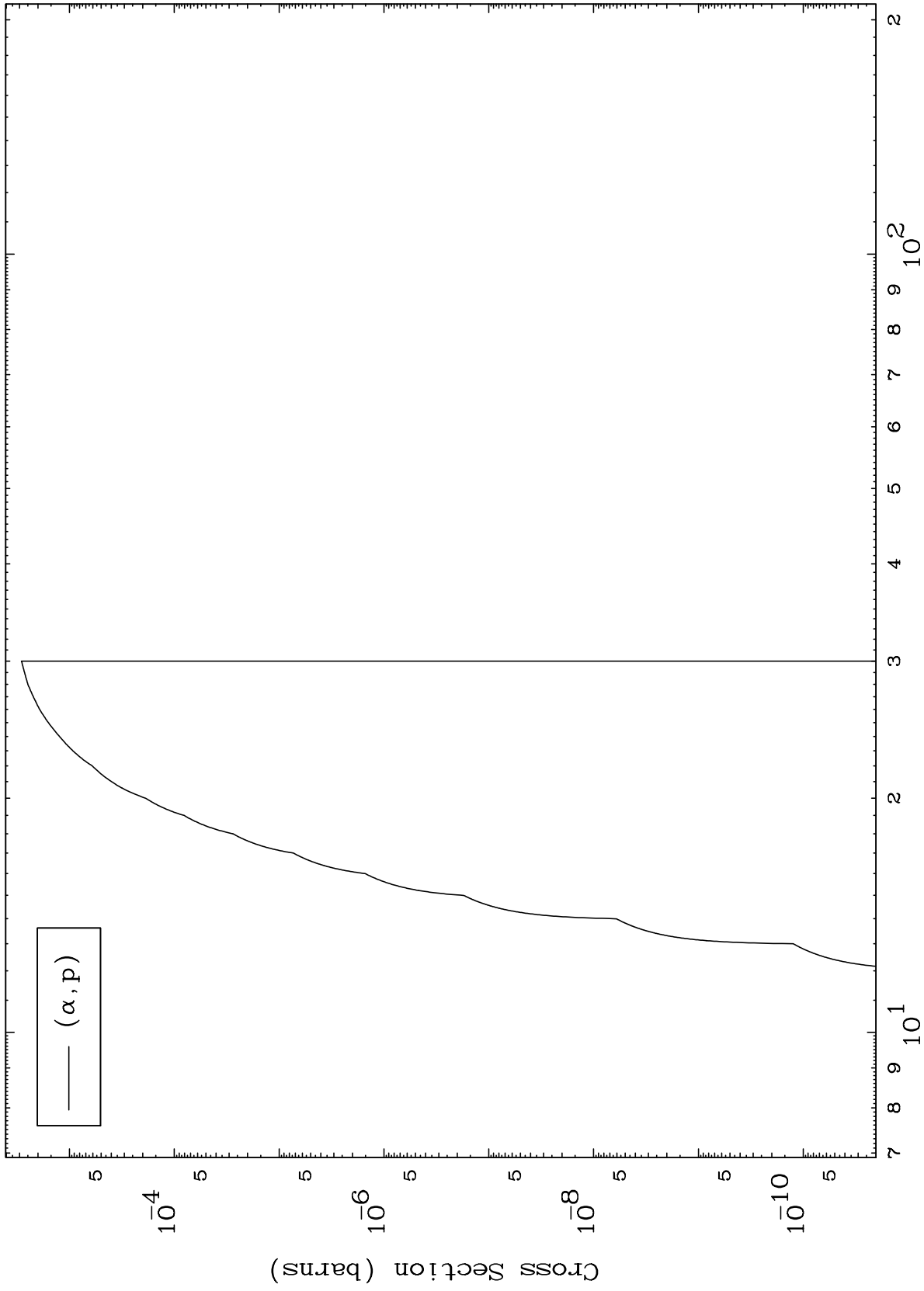
Incident Energy (MeV)

71-Lu-172

MAT 7117

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-172



6

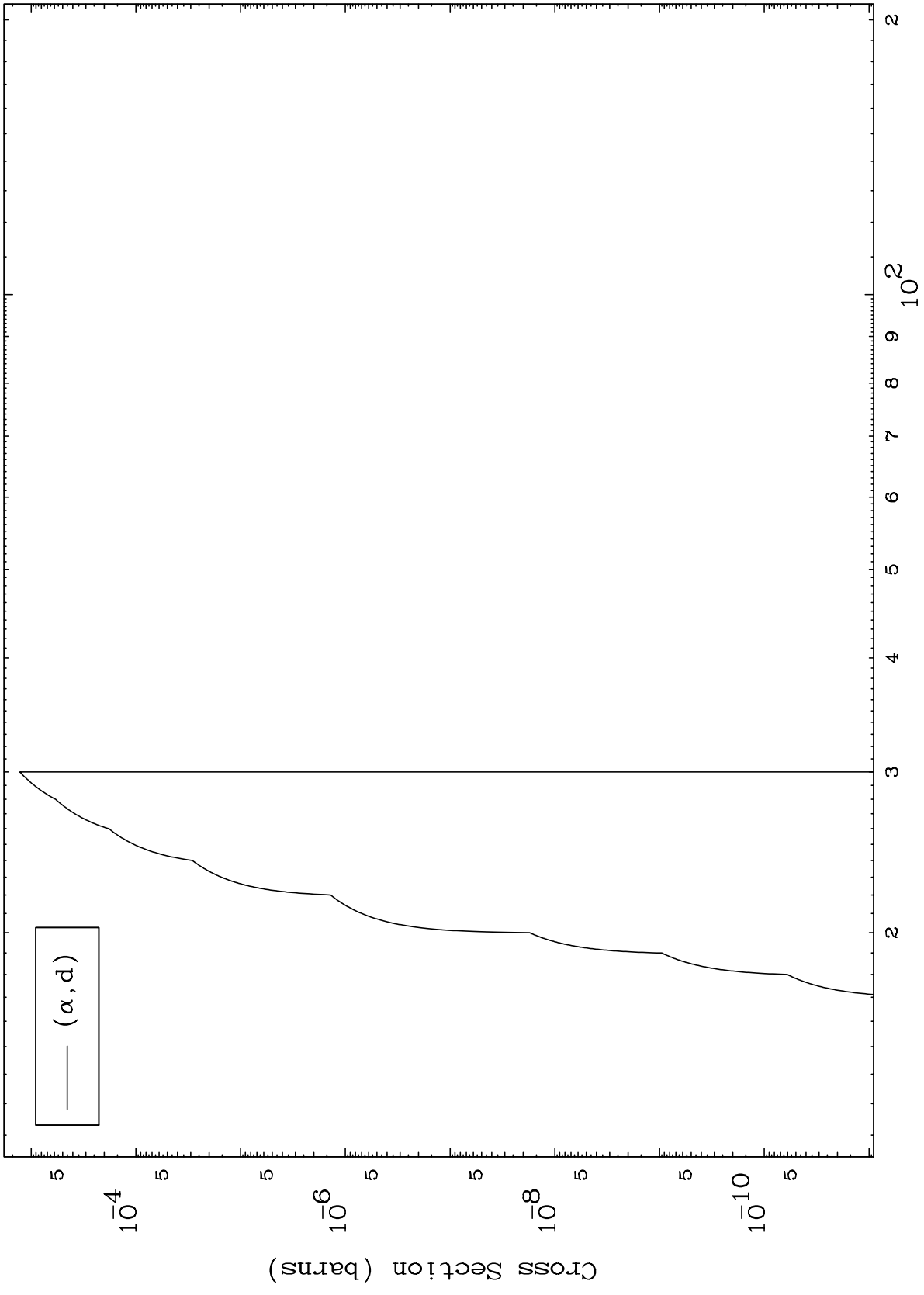
Incident Energy (MeV)

71-Lu-172

MAT 7117

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-172



7

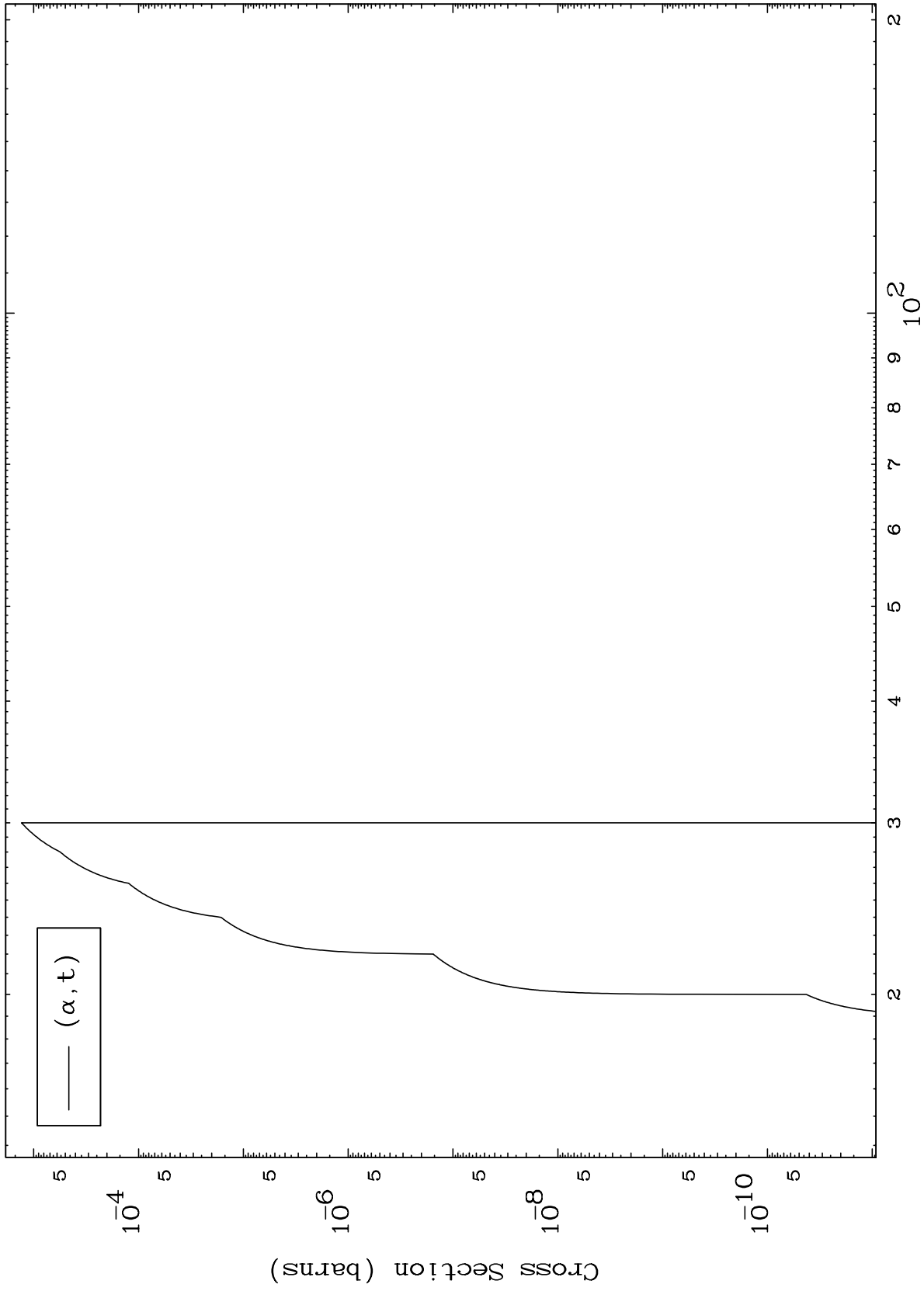
Incident Energy (MeV)

71-Lu-172

MAT 7117

(α, t) Levels
0 Kelvin Cross Sections

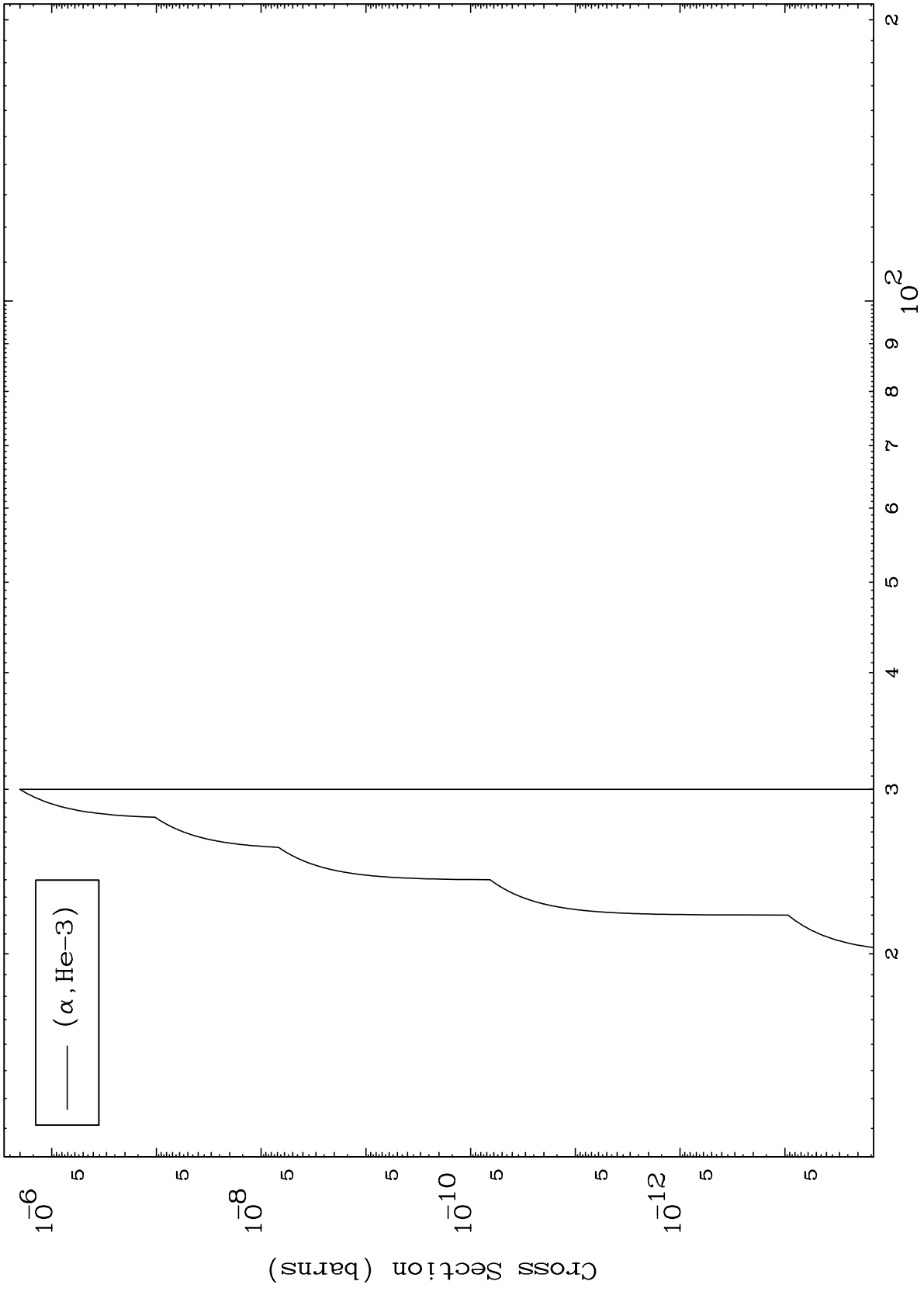
71-Lu-172



8

Incident Energy (MeV)

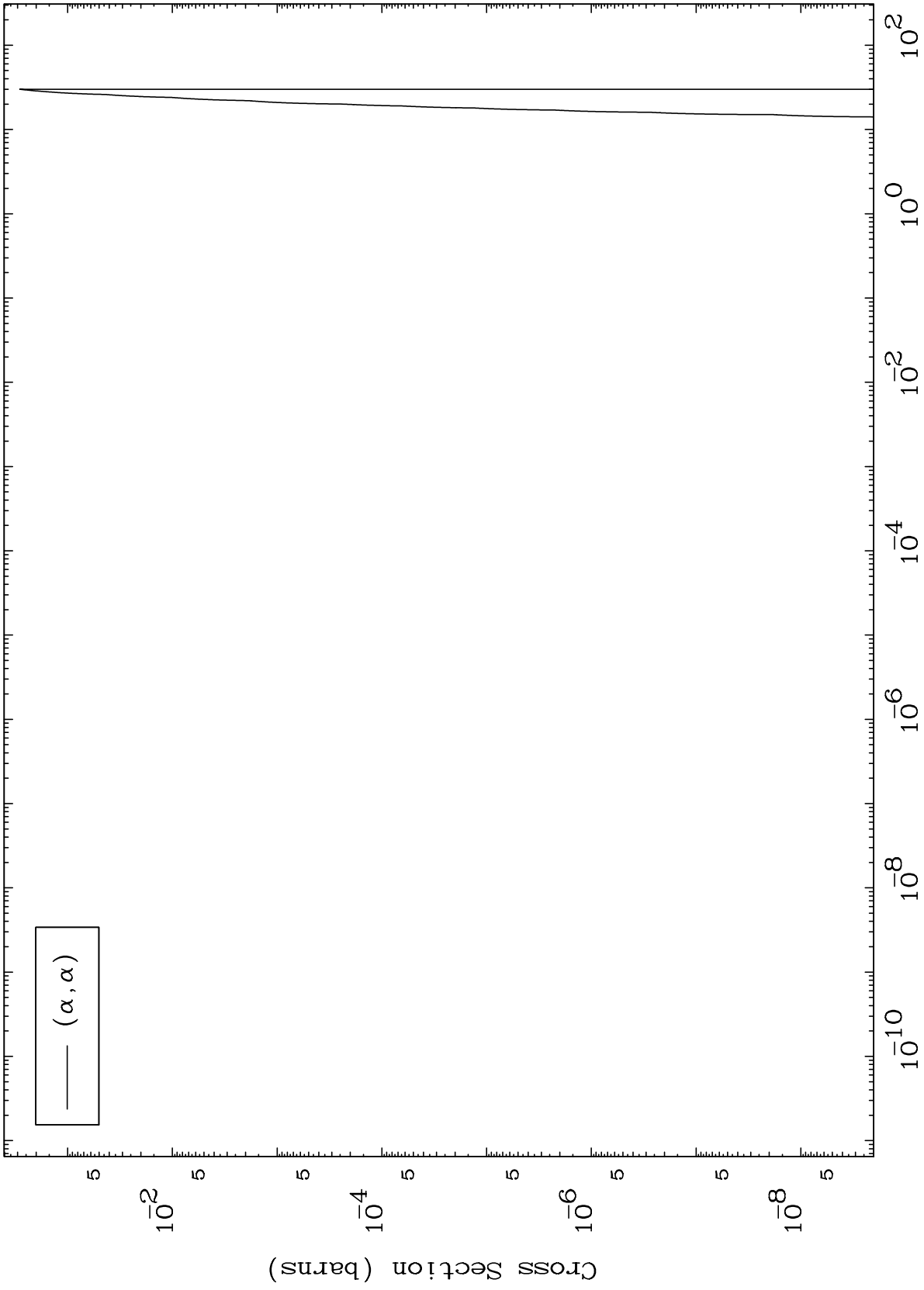
71-Lu-172



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(α, α) Levels
0 Kelvin Cross Sections

71-Lu-172



10

Incident Energy (MeV)

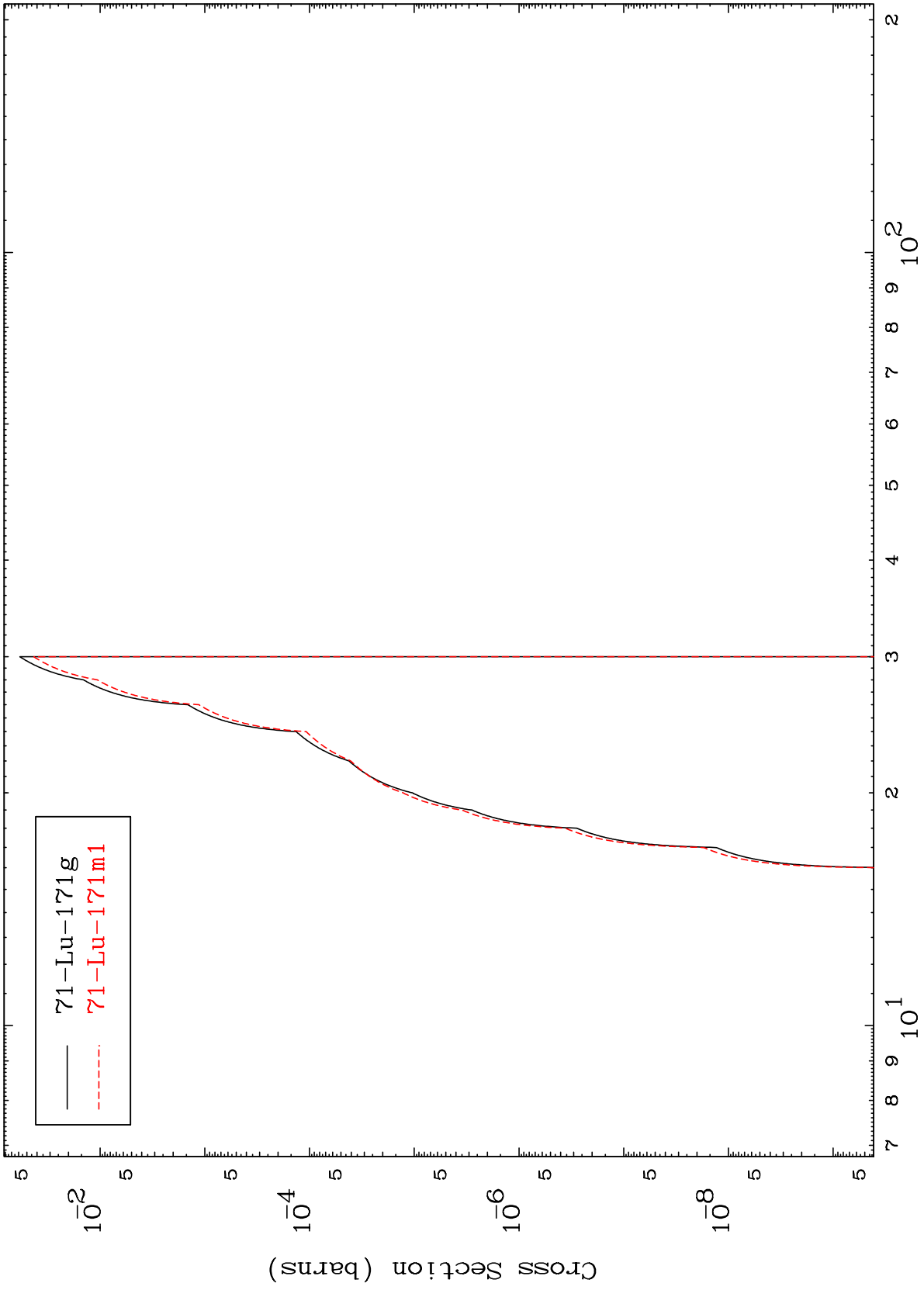
71-Lu-172

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(α, n') α

71-Lu-172

Radionuclide Production Cross Section



11

Incident Energy (MeV)

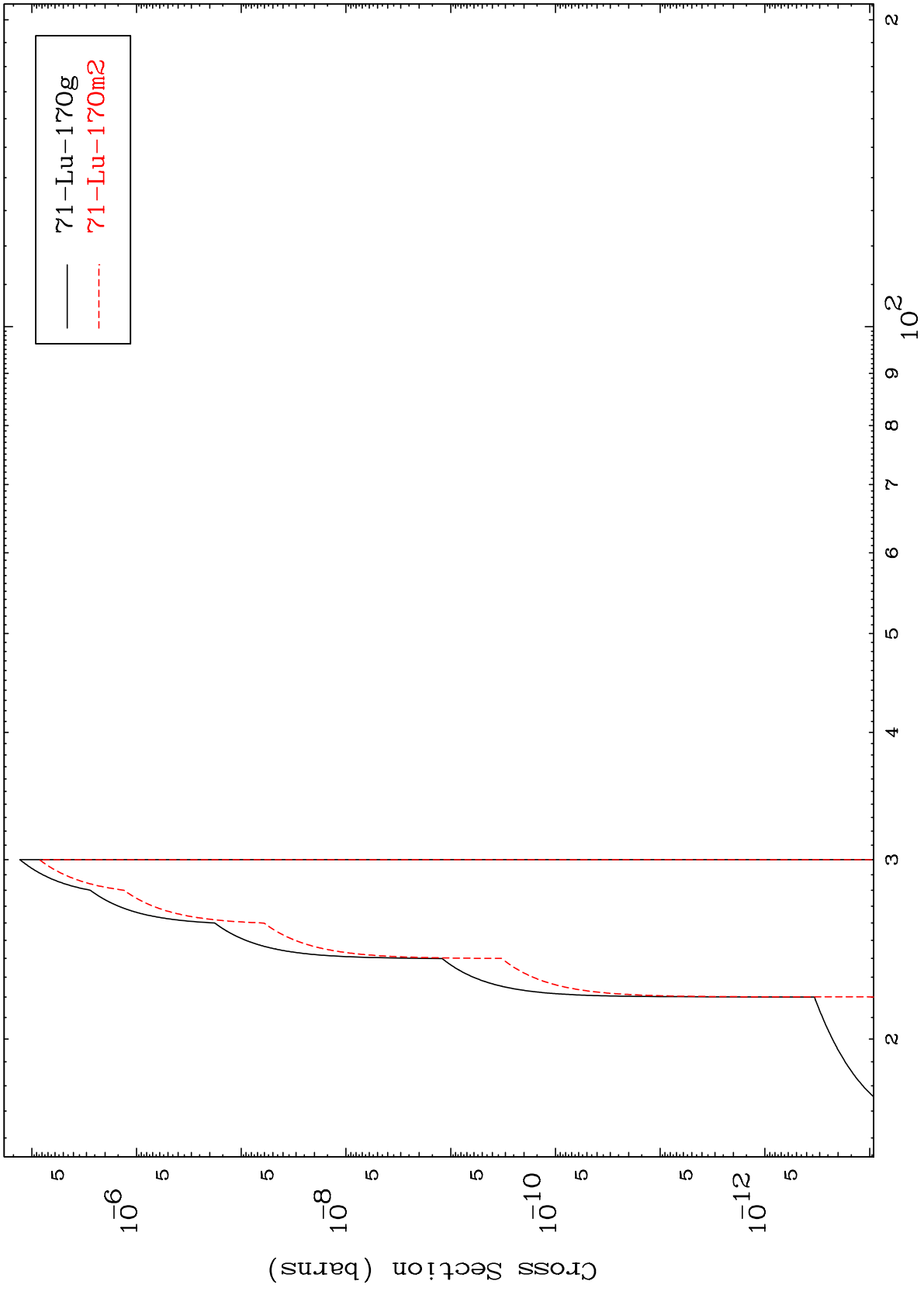
71-Lu-172

MAT 7117

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-172}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

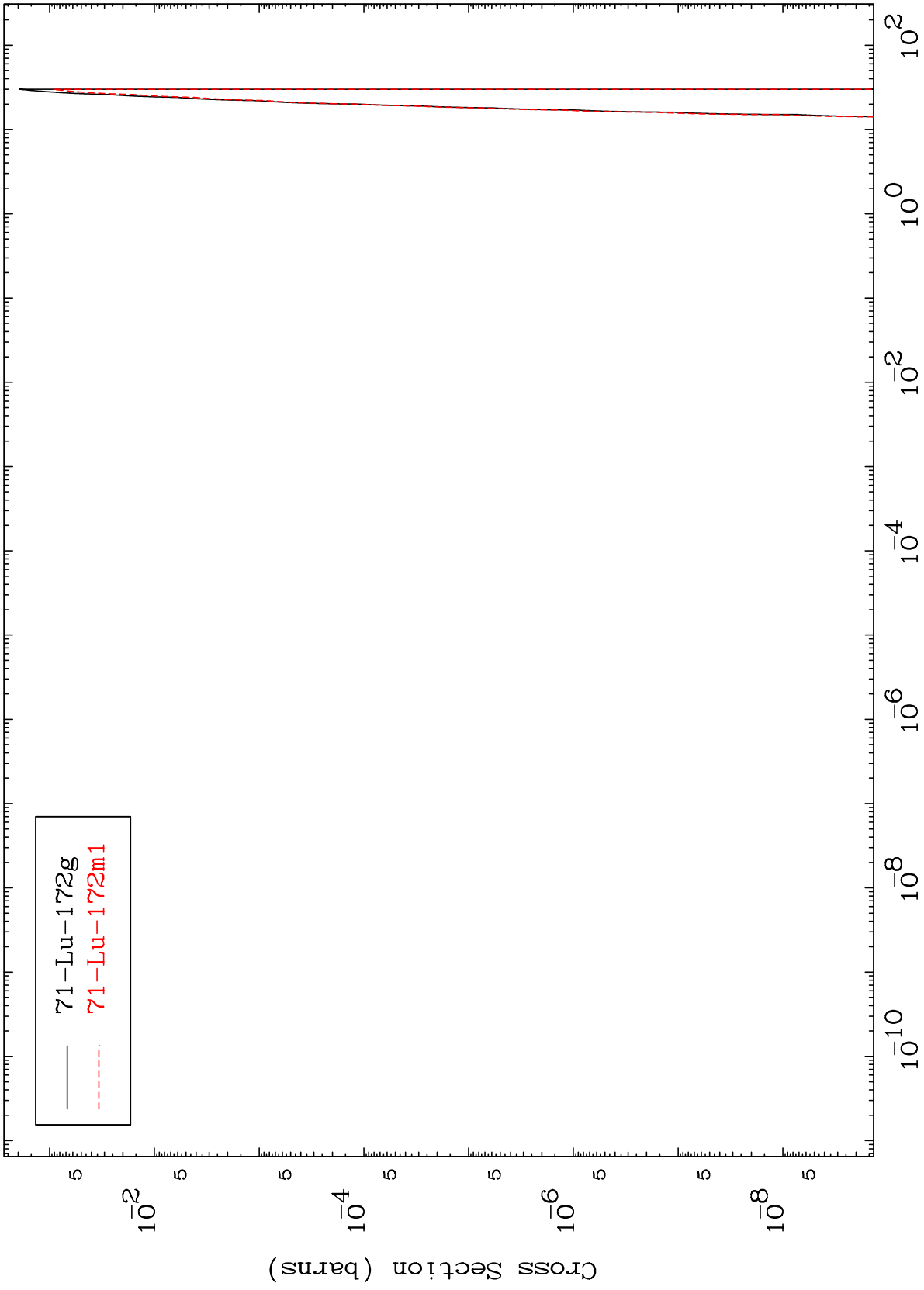
$^{71}\text{Lu-172}$

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(α, α)

⁷¹Lu-172

Radionuclide Production Cross Section



13

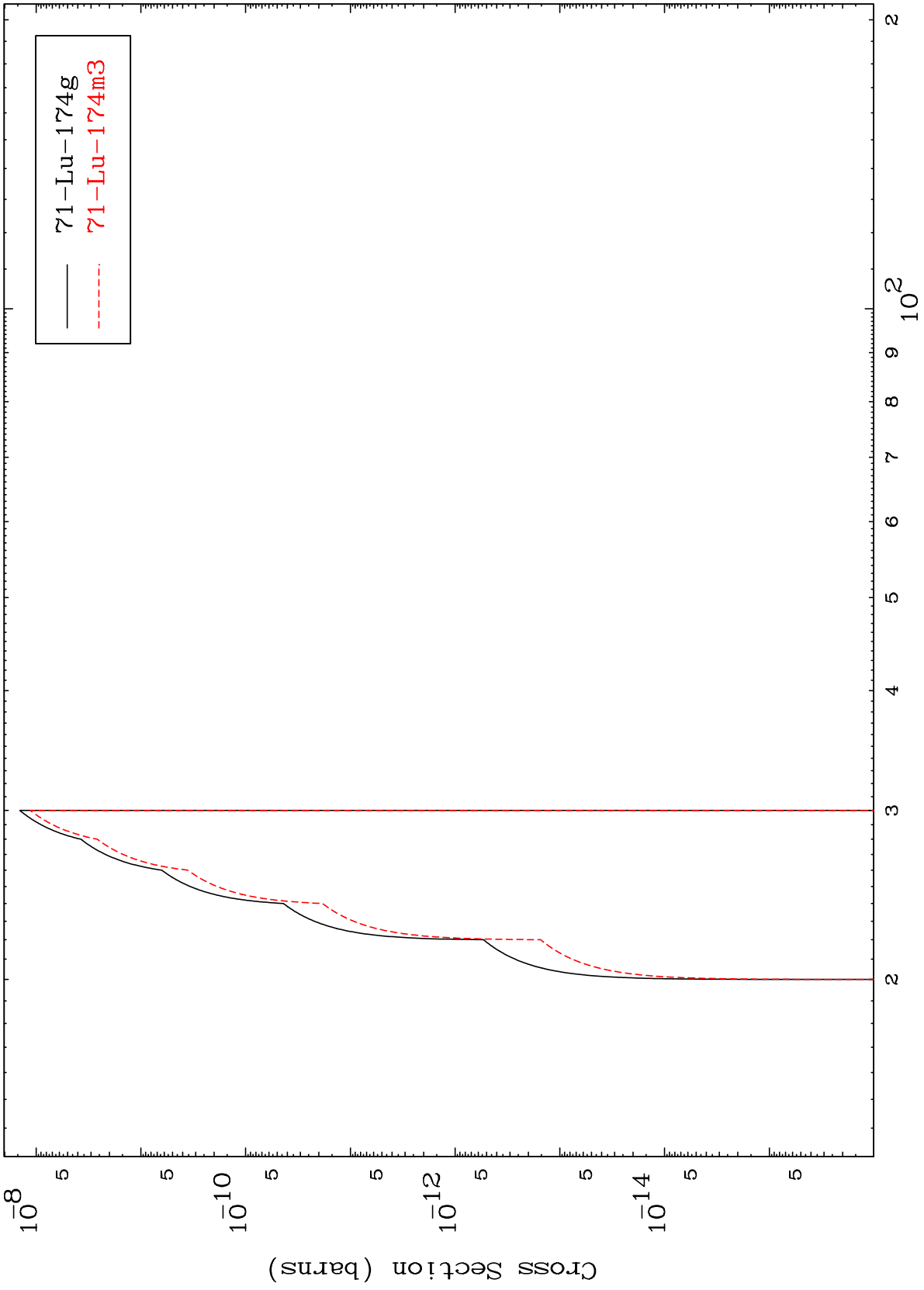
Incident Energy (MeV)

⁷¹Lu-172

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71-Lu-172

($\alpha, 2p$)
Radionuclide Production Cross Section



14

71-Lu-172