

Program EVALPLOT
(Version 2018-1)

by

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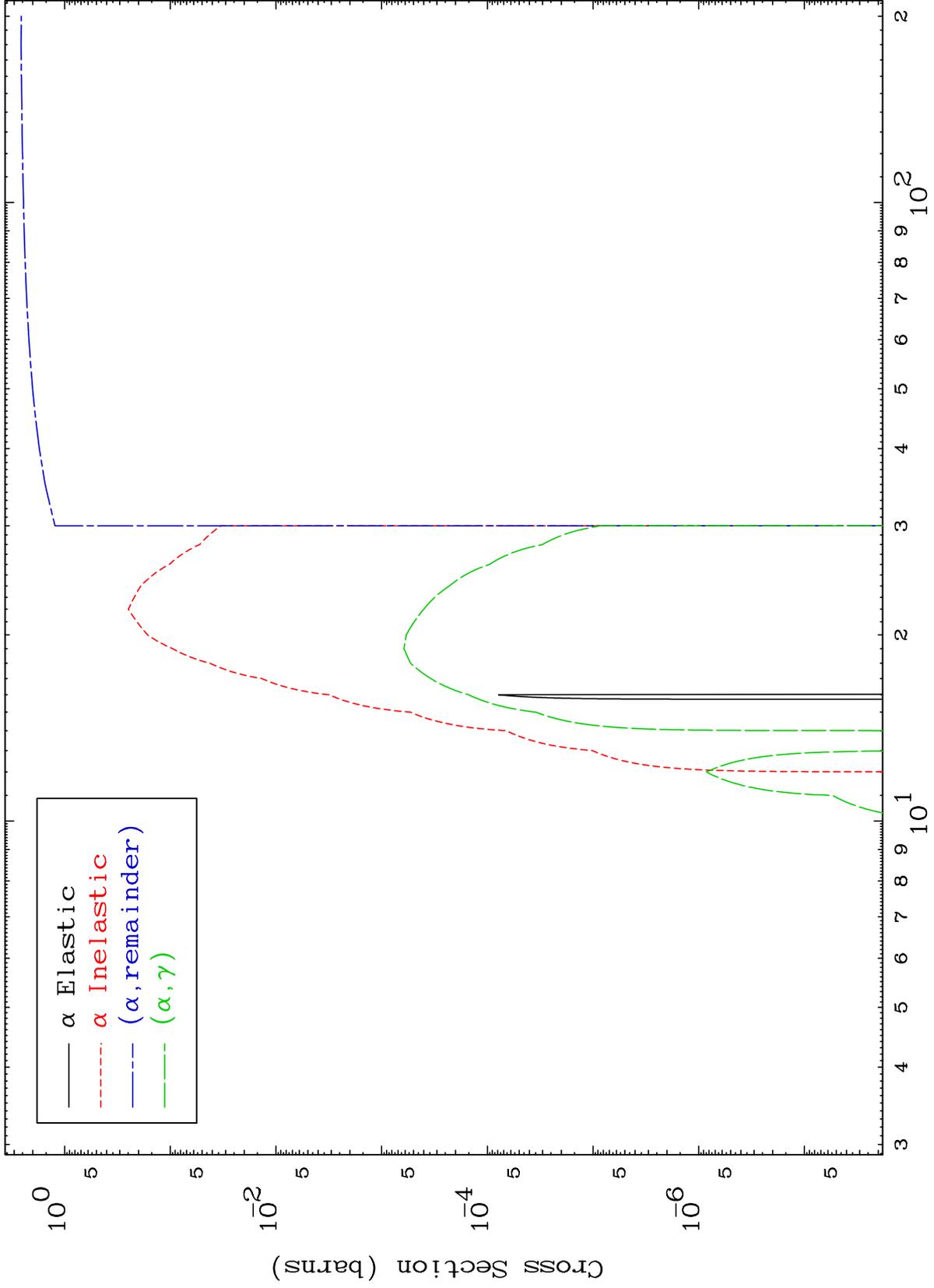
Press Mouse Button to Start

MAT 7113

0 Kelvin

α Major Cross Sections

71-Lu-171



1

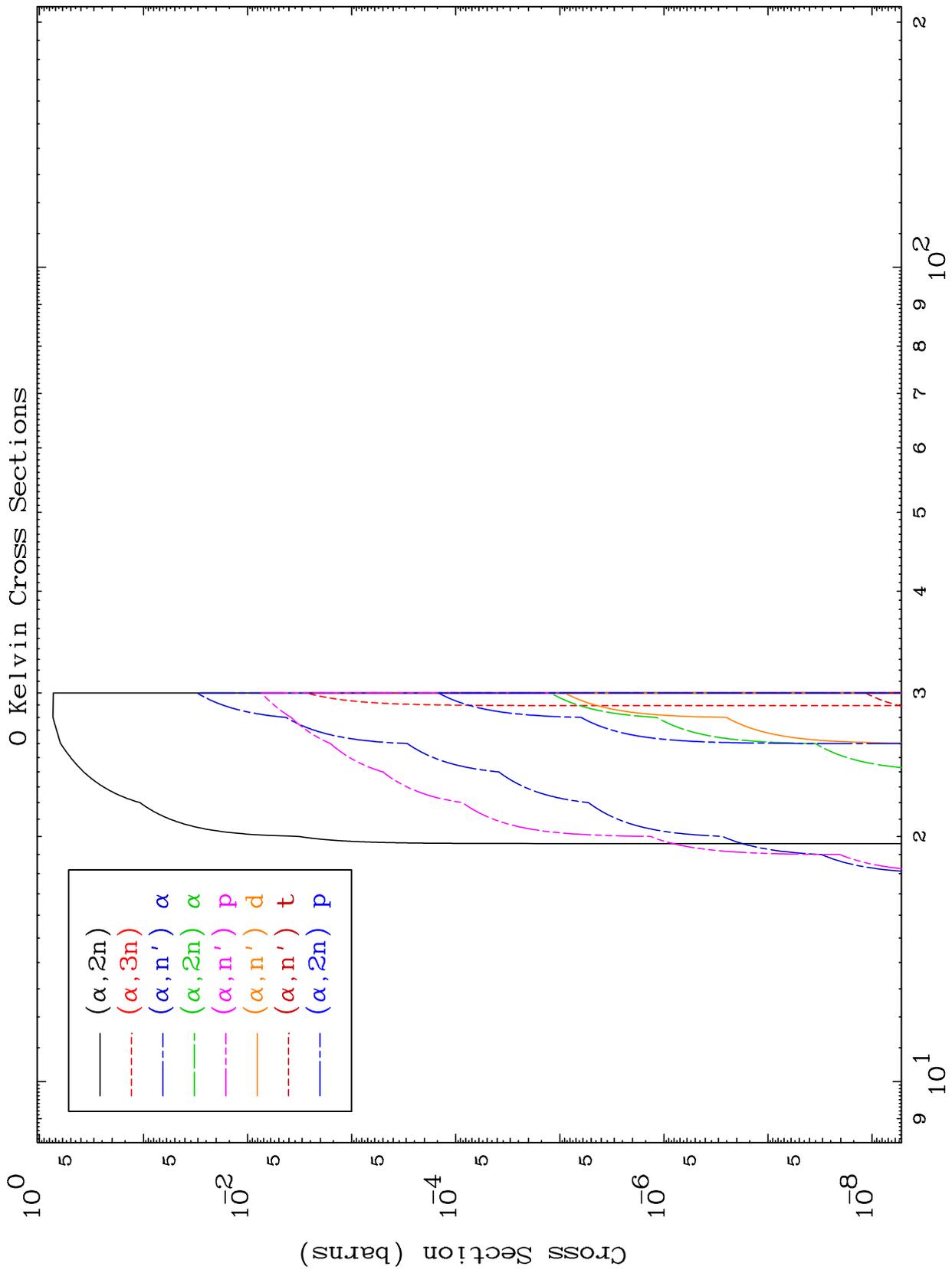
Incident Energy (MeV)

71-Lu-171

MAT 7113

α Neutron Production
0 Kelvin Cross Sections

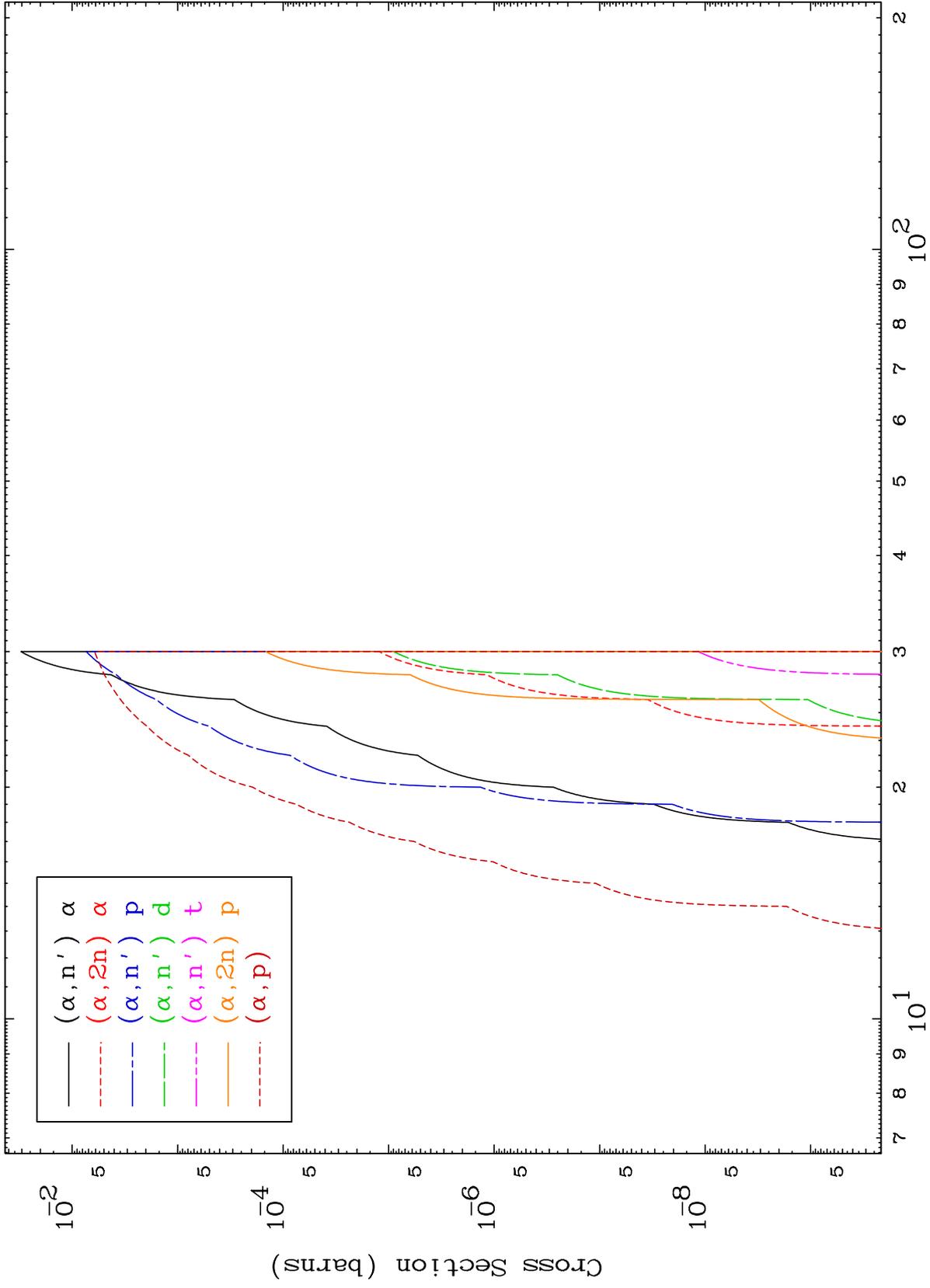
71-Lu-171



Incident Energy (MeV)

71-Lu-171

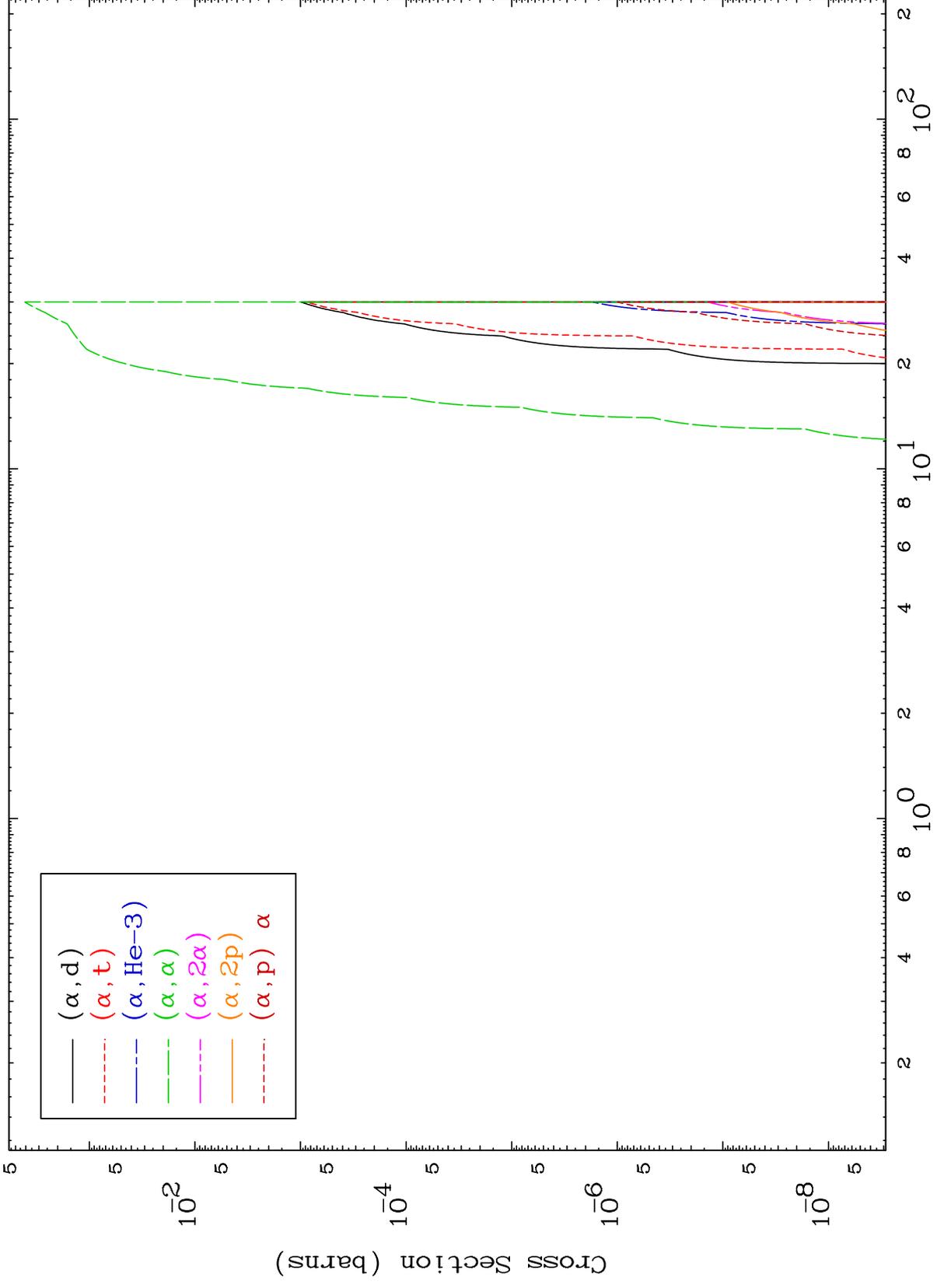
2



MAT 7113

α Charged Particle
0 Kelvin Cross Sections

71-Lu-171

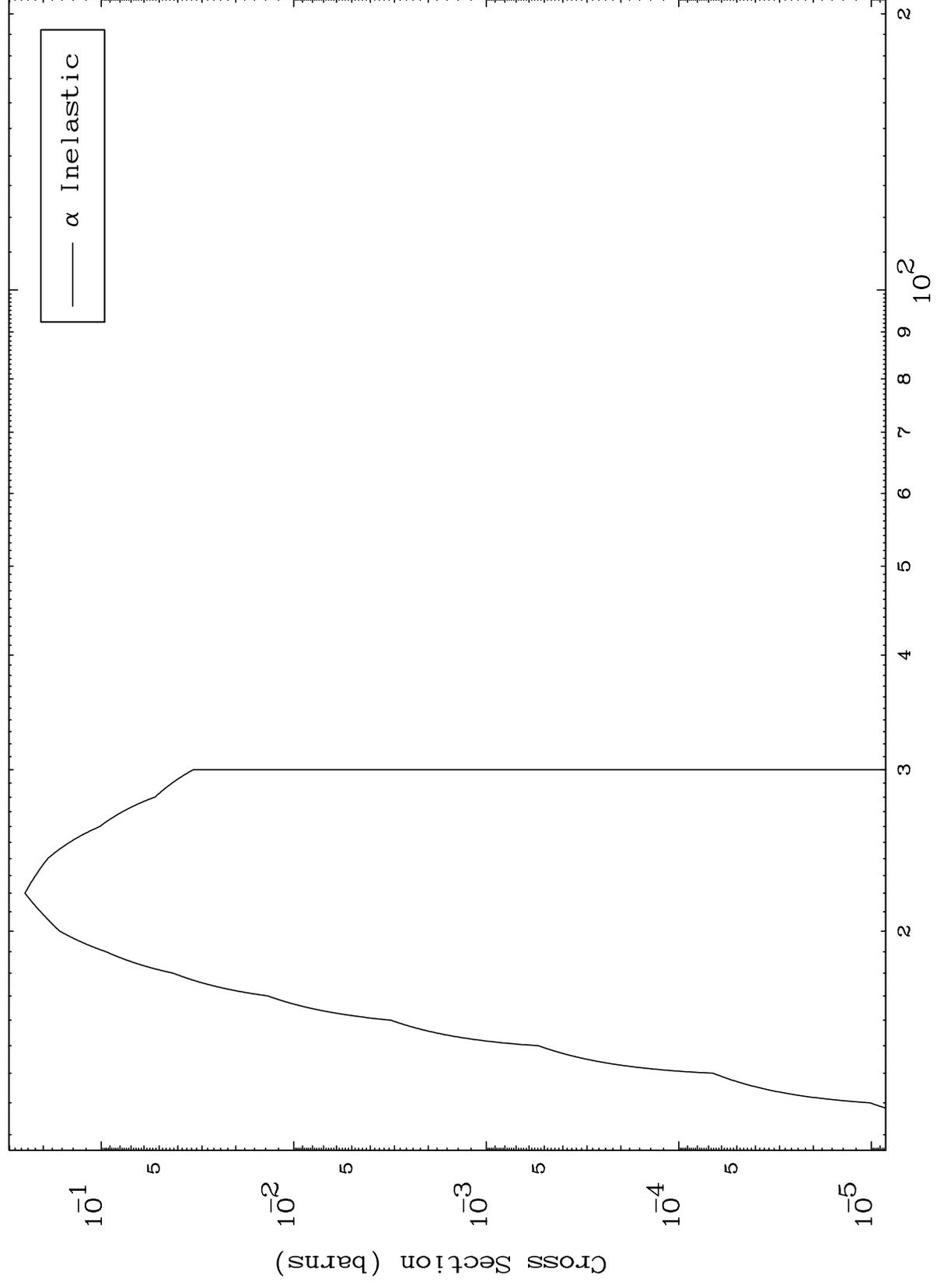


MAT 7113

(α, n') Level

71-Lu-171

0 Kelvin Cross Sections



5

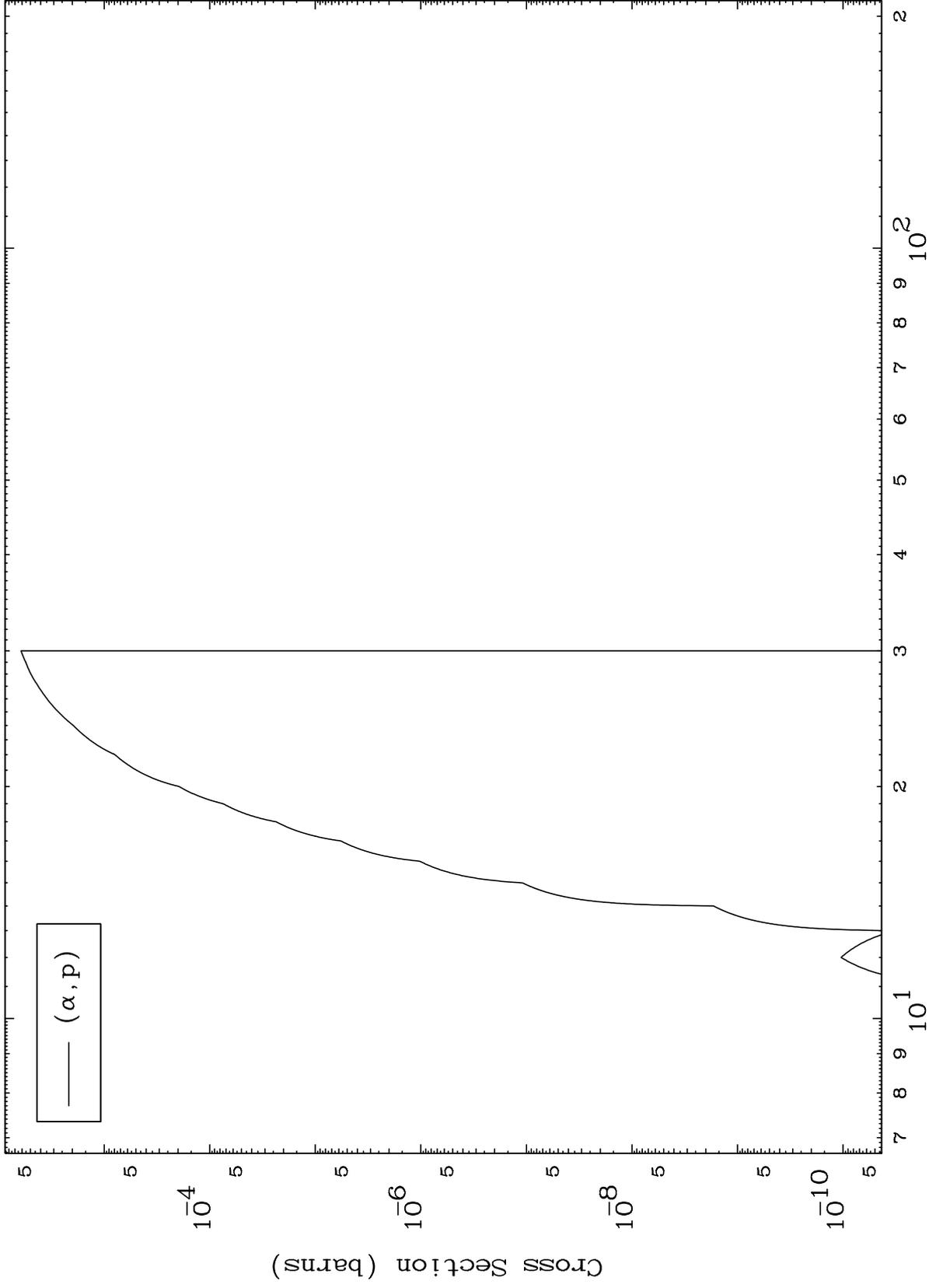
Incident Energy (MeV)

71-Lu-171

MAT 7113

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-171



Incident Energy (MeV)

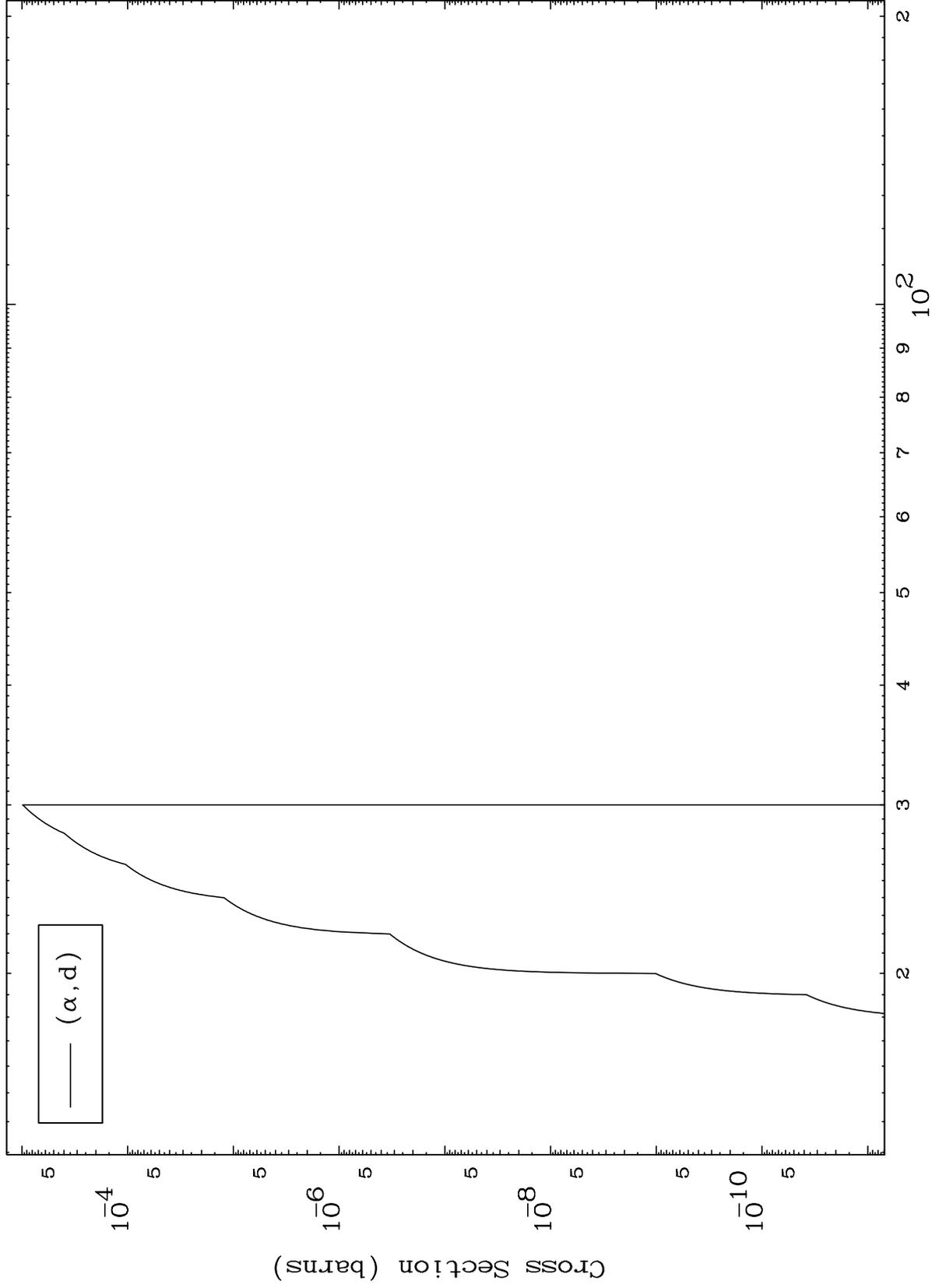
71-Lu-171

6

MAT 7113

(α, d) Levels
0 Kelvin Cross Sections

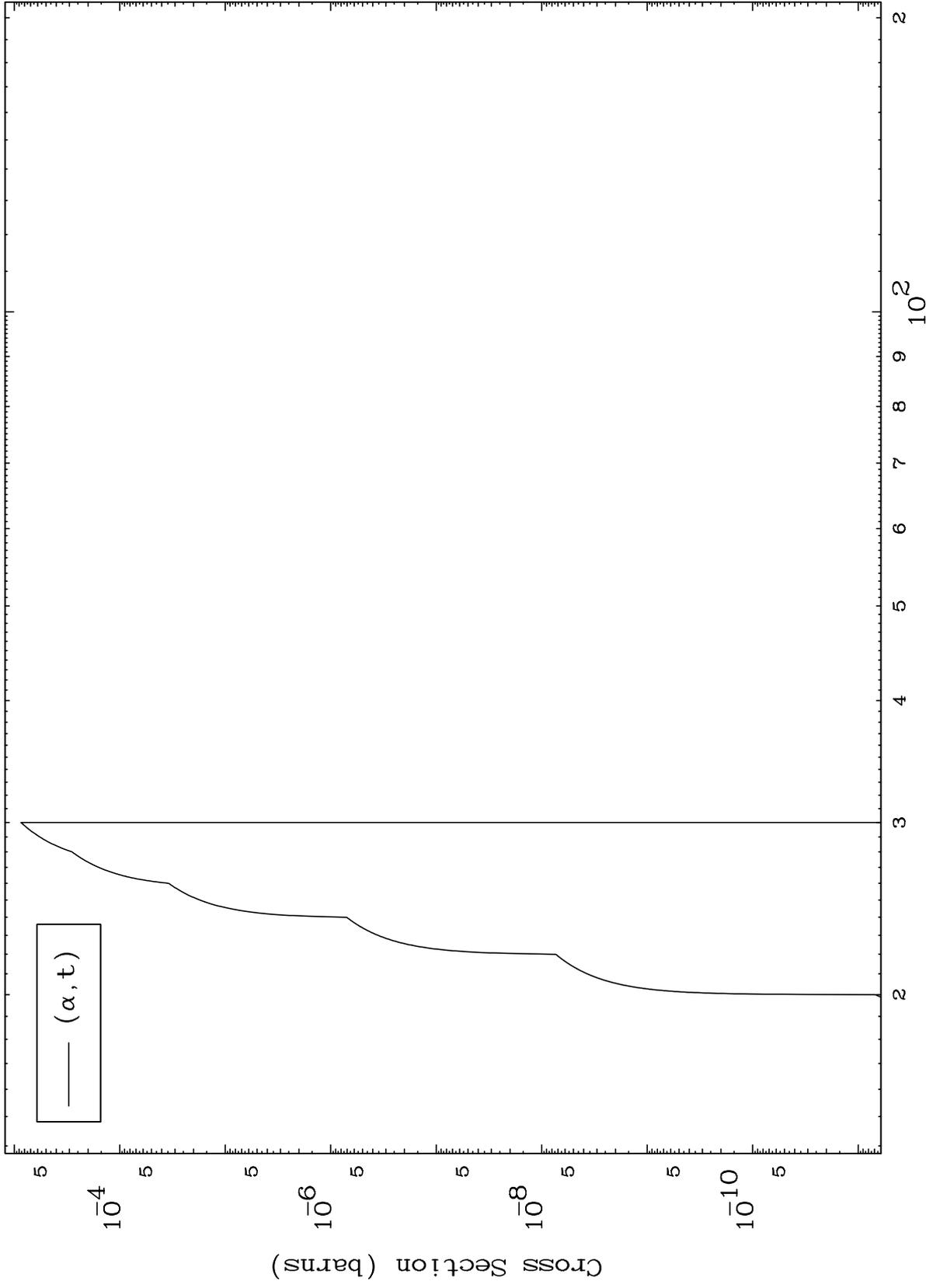
71-Lu-171



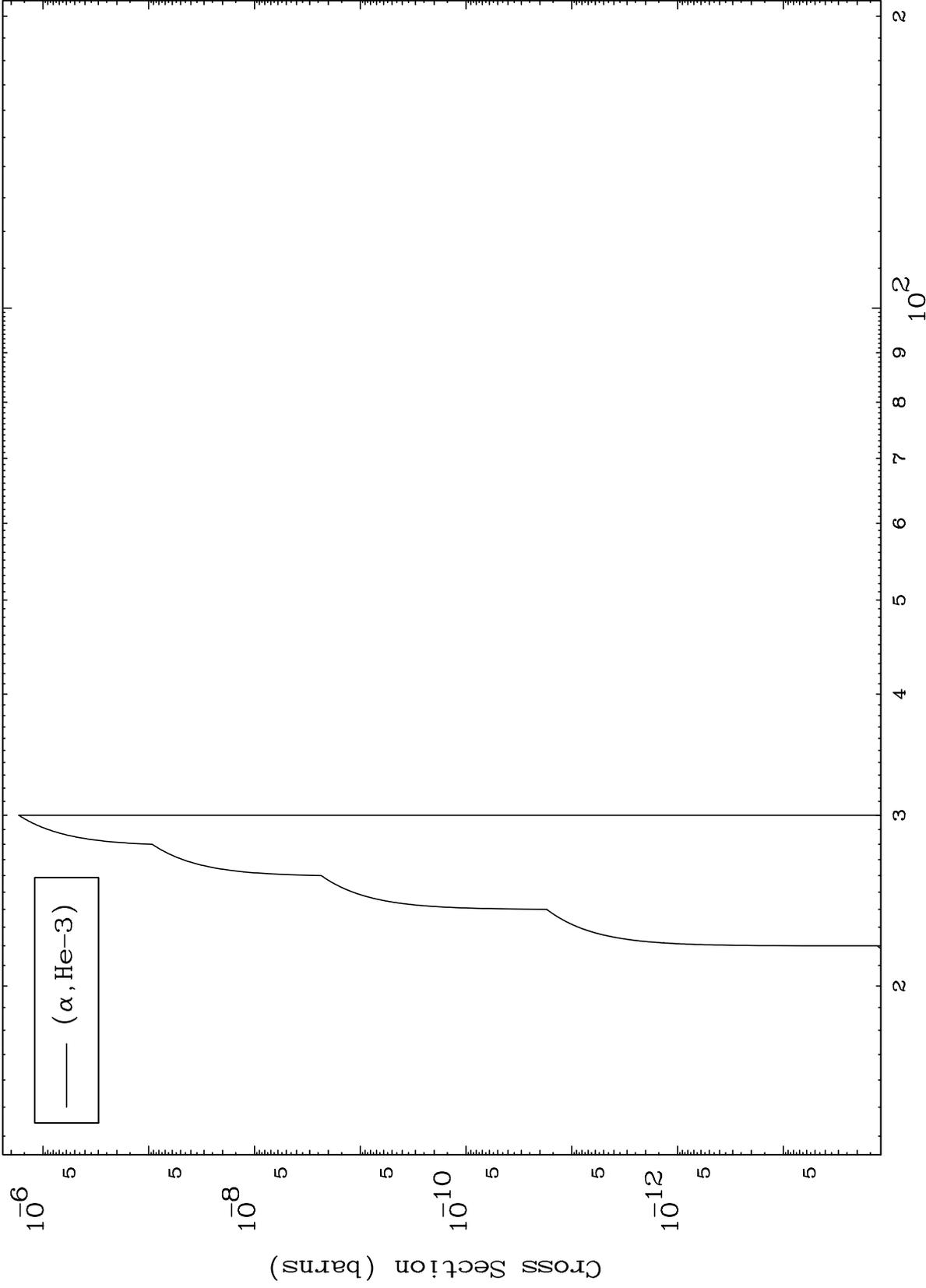
7

Incident Energy (MeV)

71-Lu-171



(α ,He3) Levels
0 Kelvin Cross Sections

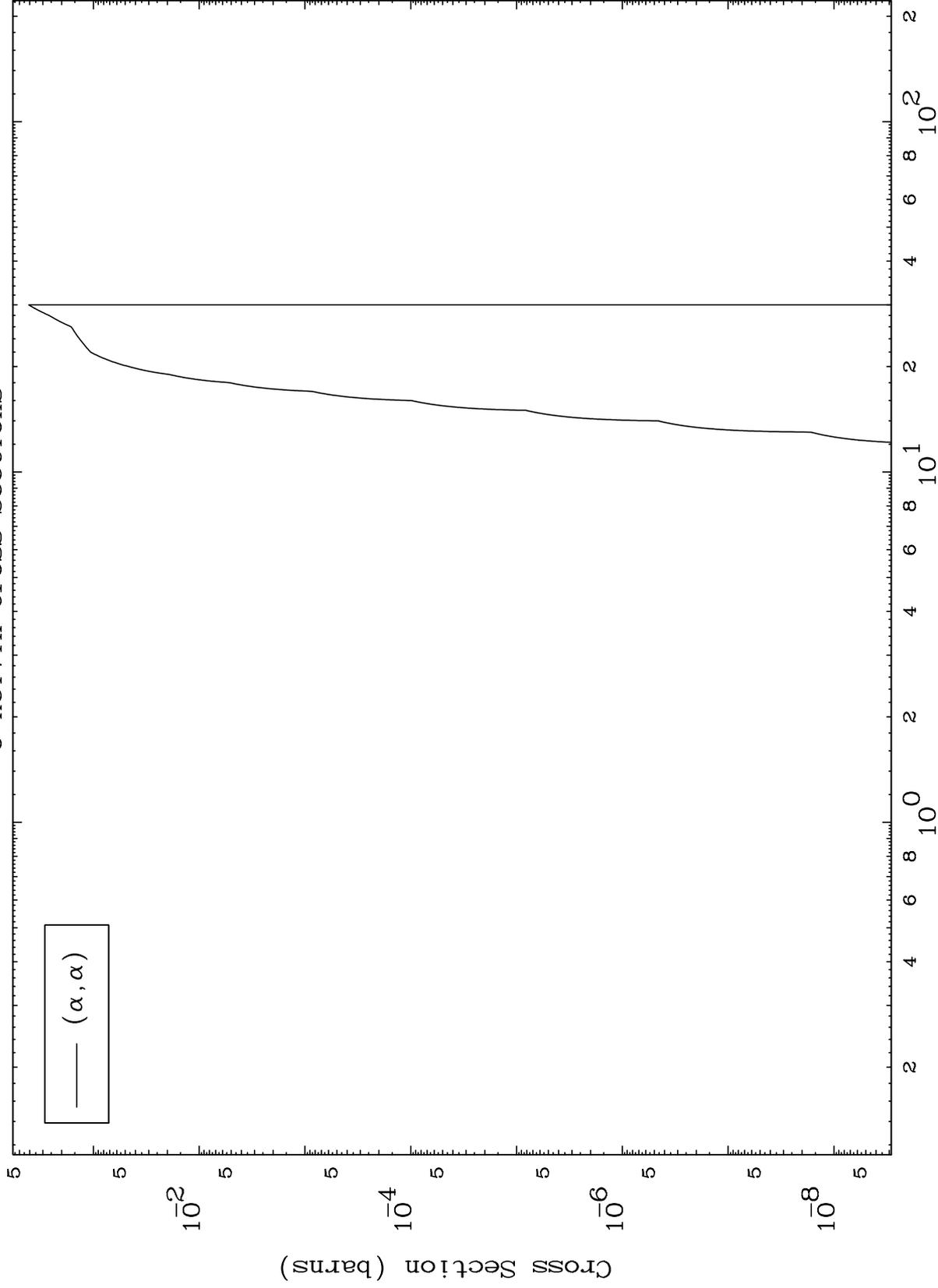


MAT 7113

(α, α) Levels

71-Lu-171

0 Kelvin Cross Sections



10

Incident Energy (MeV)

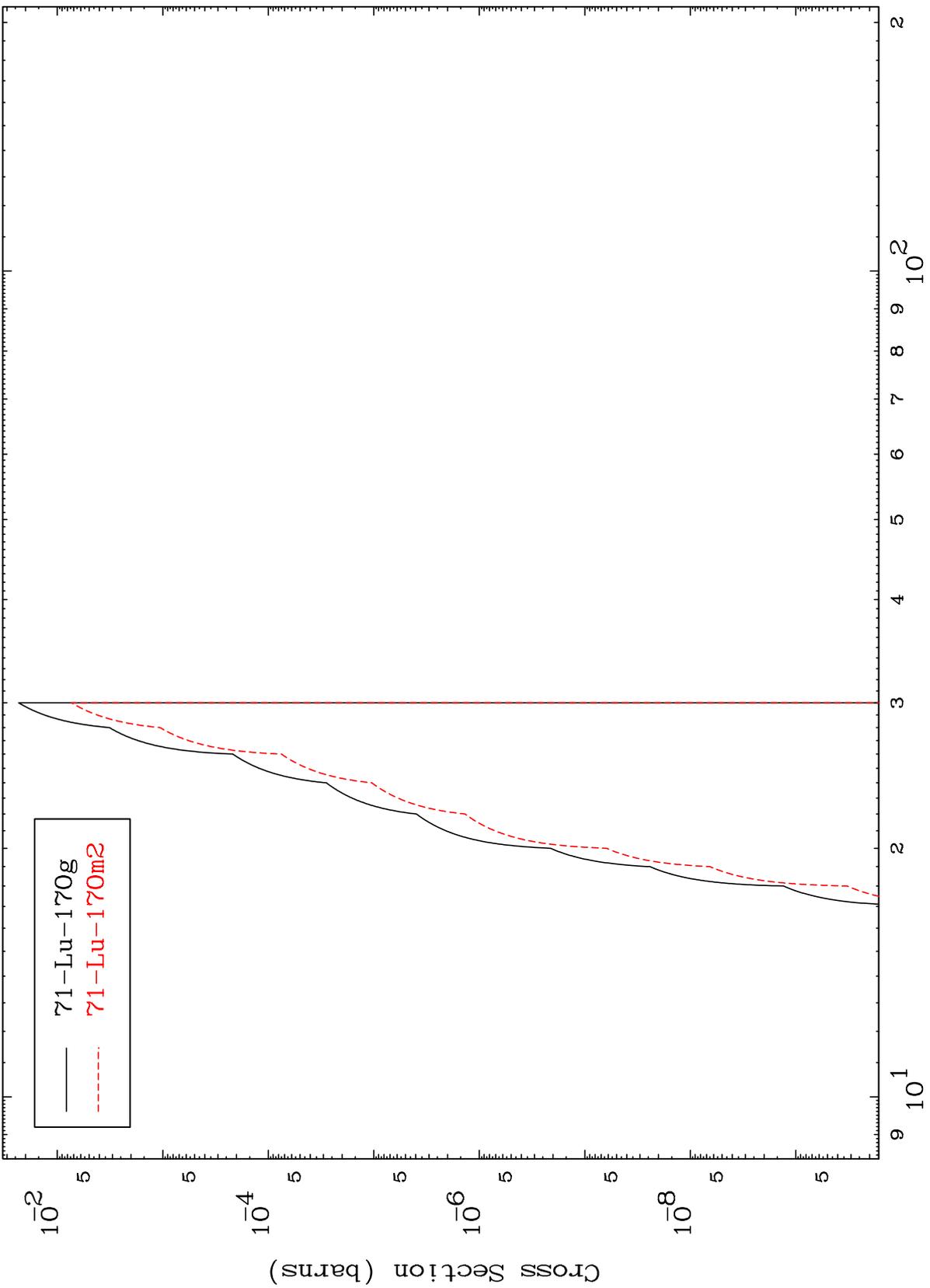
71-Lu-171

MAT 7113

(α, n') α

71-Lu-171

Radionuclide Production Cross Section



11

Incident Energy (MeV)

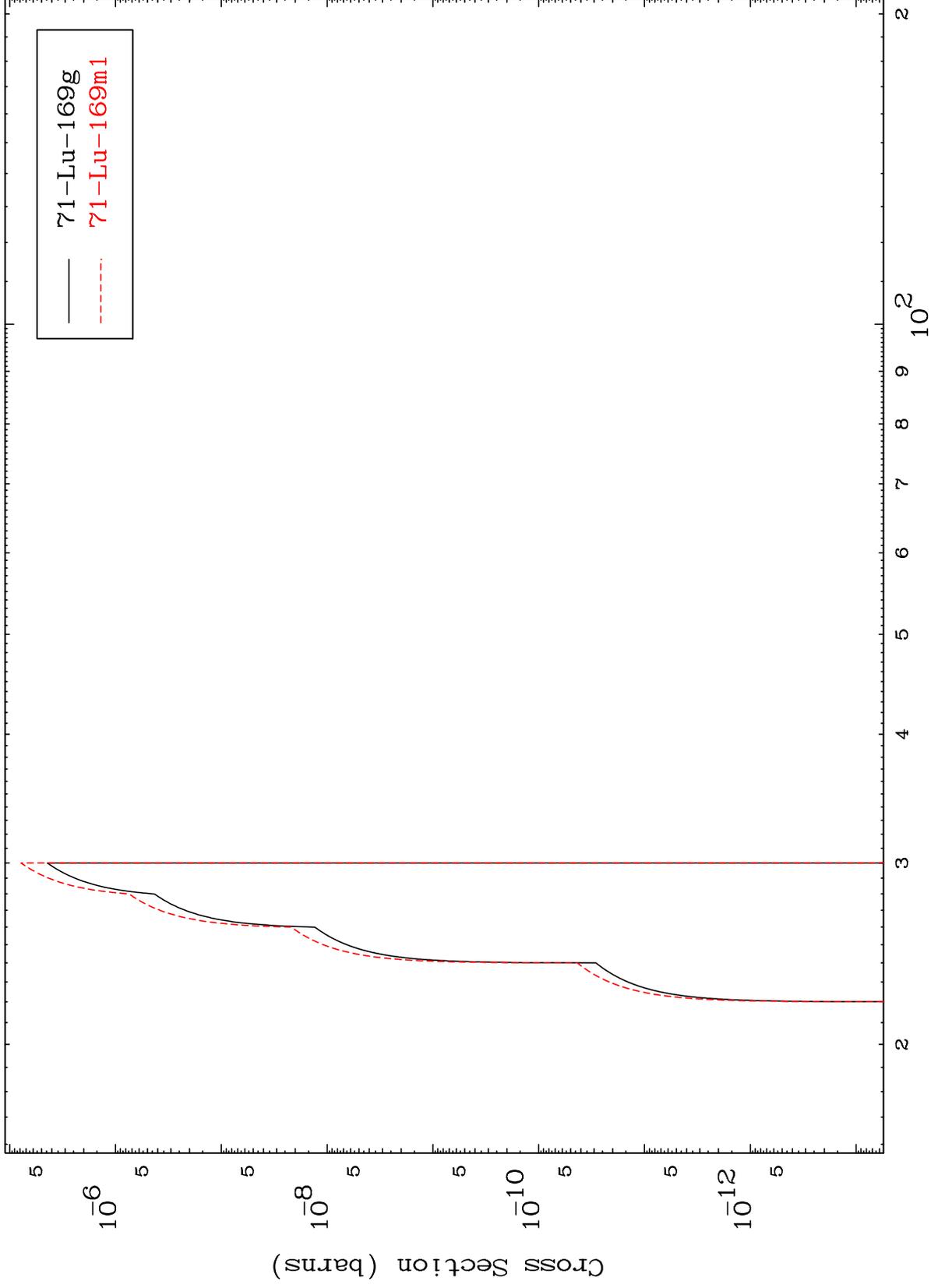
71-Lu-171

MAT 7113

$(\alpha, 2n)$ α

71-Lu-171

Radionuclide Production Cross Section



12

Incident Energy (MeV)

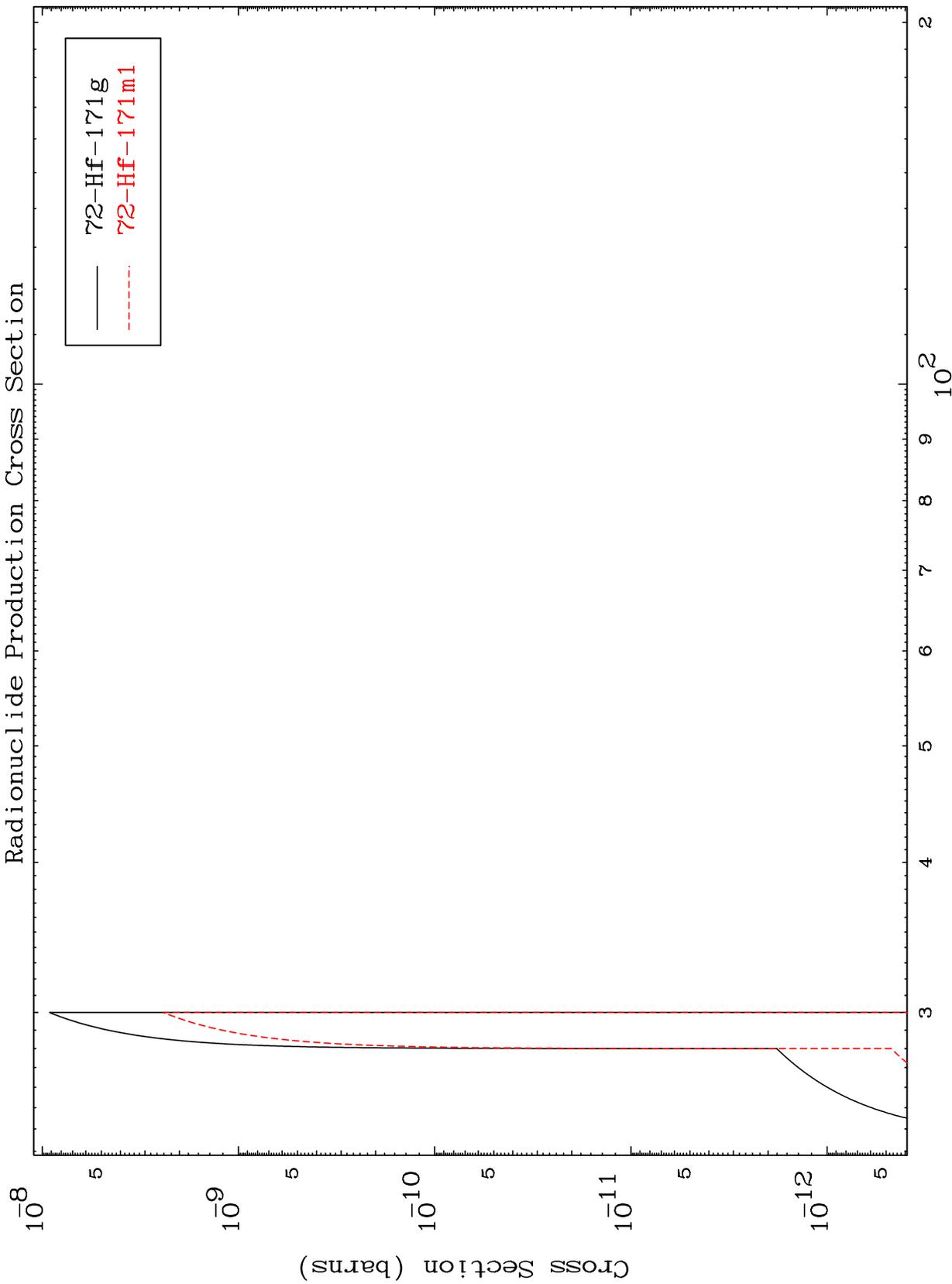
71-Lu-171

MAT 7113

(α, n') t

71-Lu-171

Radionuclide Production Cross Section



13

Incident Energy (MeV)

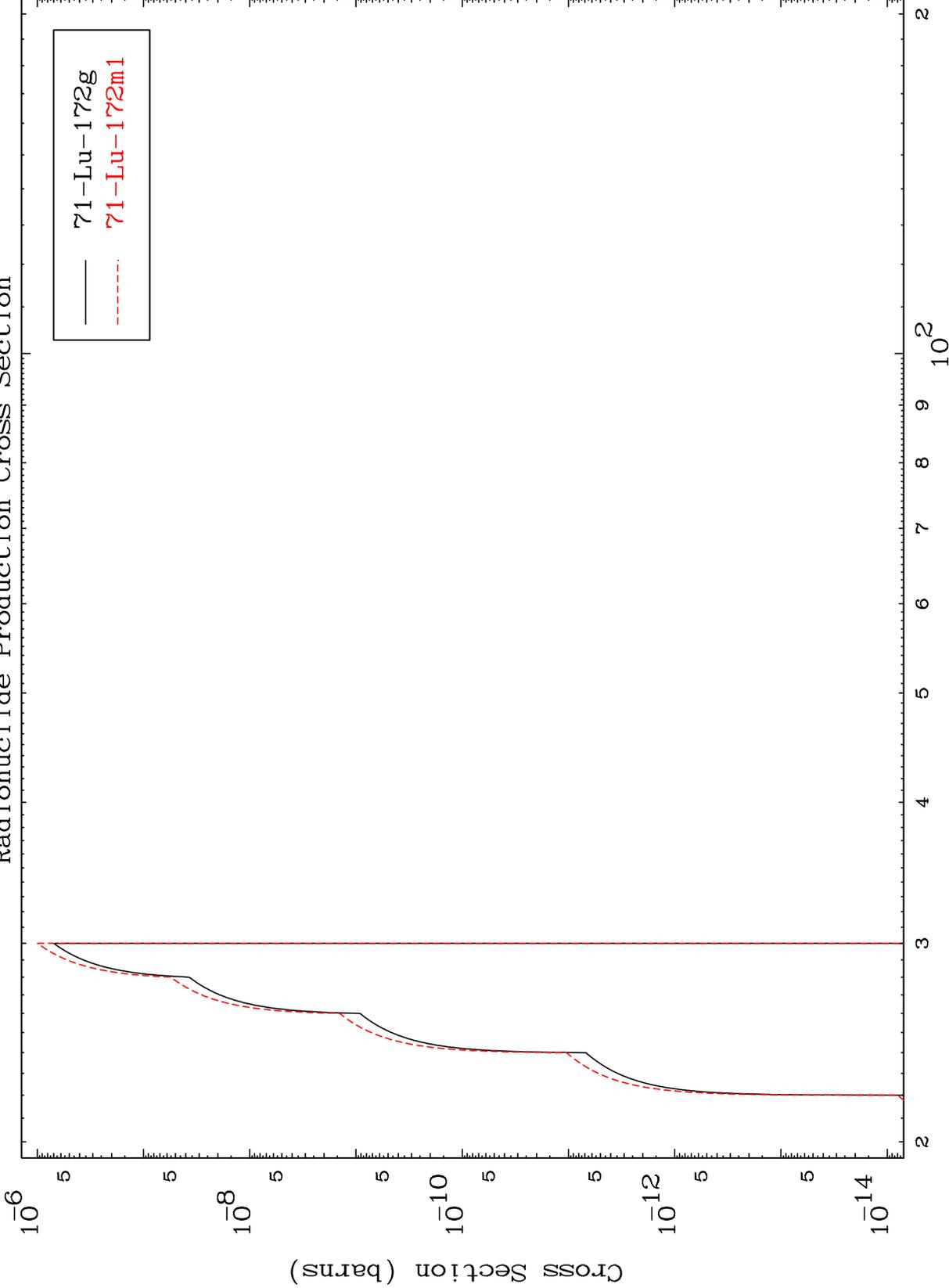
71-Lu-171

MAT 7113

(α ,He-3)

71-Lu-171

Radionuclide Production Cross Section



14

Incident Energy (MeV)

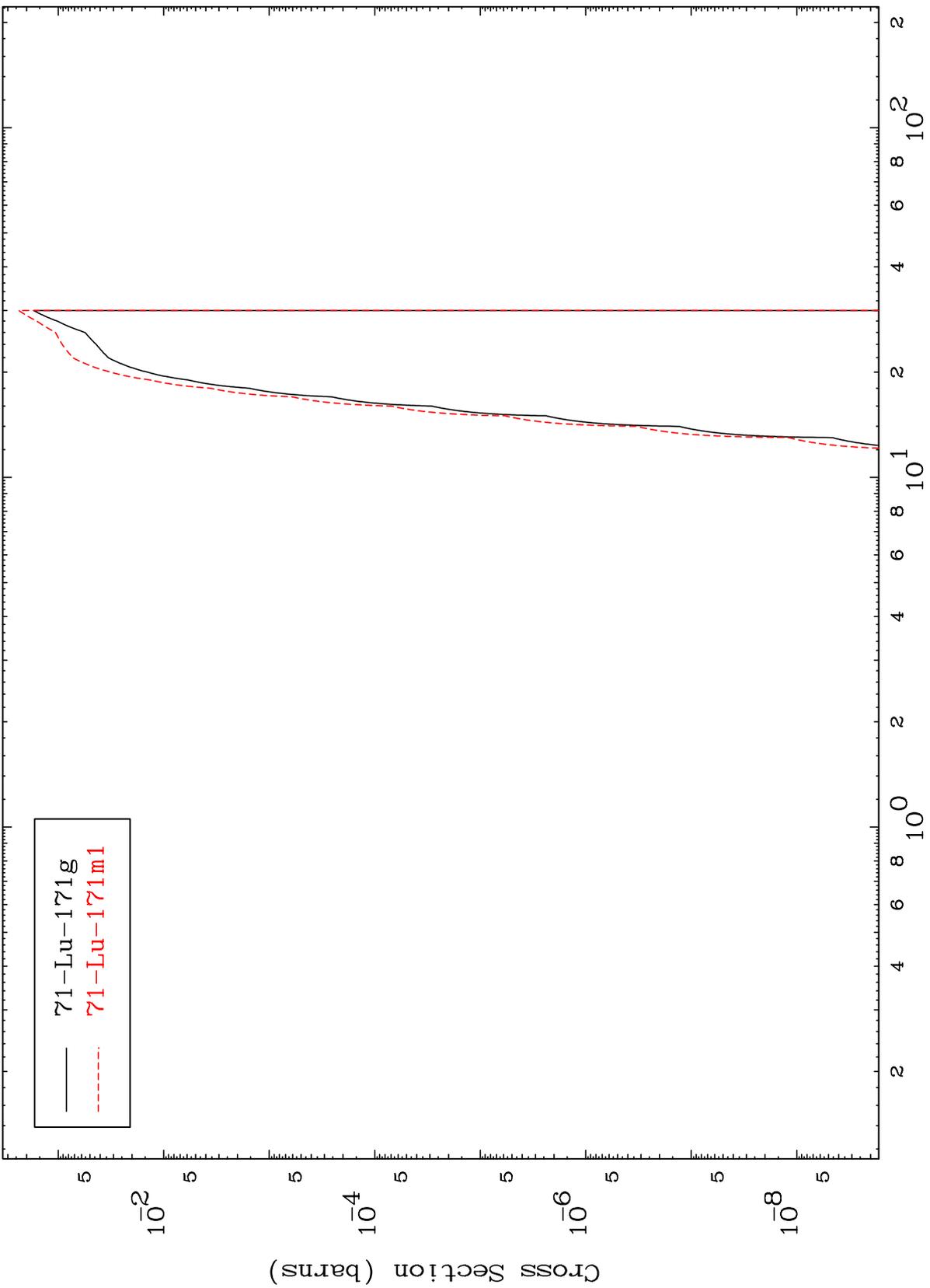
71-Lu-171

MAT 7113

(α, α)

⁷¹Lu-171

Radionuclide Production Cross Section



— ⁷¹Lu-171g
- - - ⁷¹Lu-171m1

15

Incident Energy (MeV)

⁷¹Lu-171