

Program EVALPLOT
(Version 2018-1)

by

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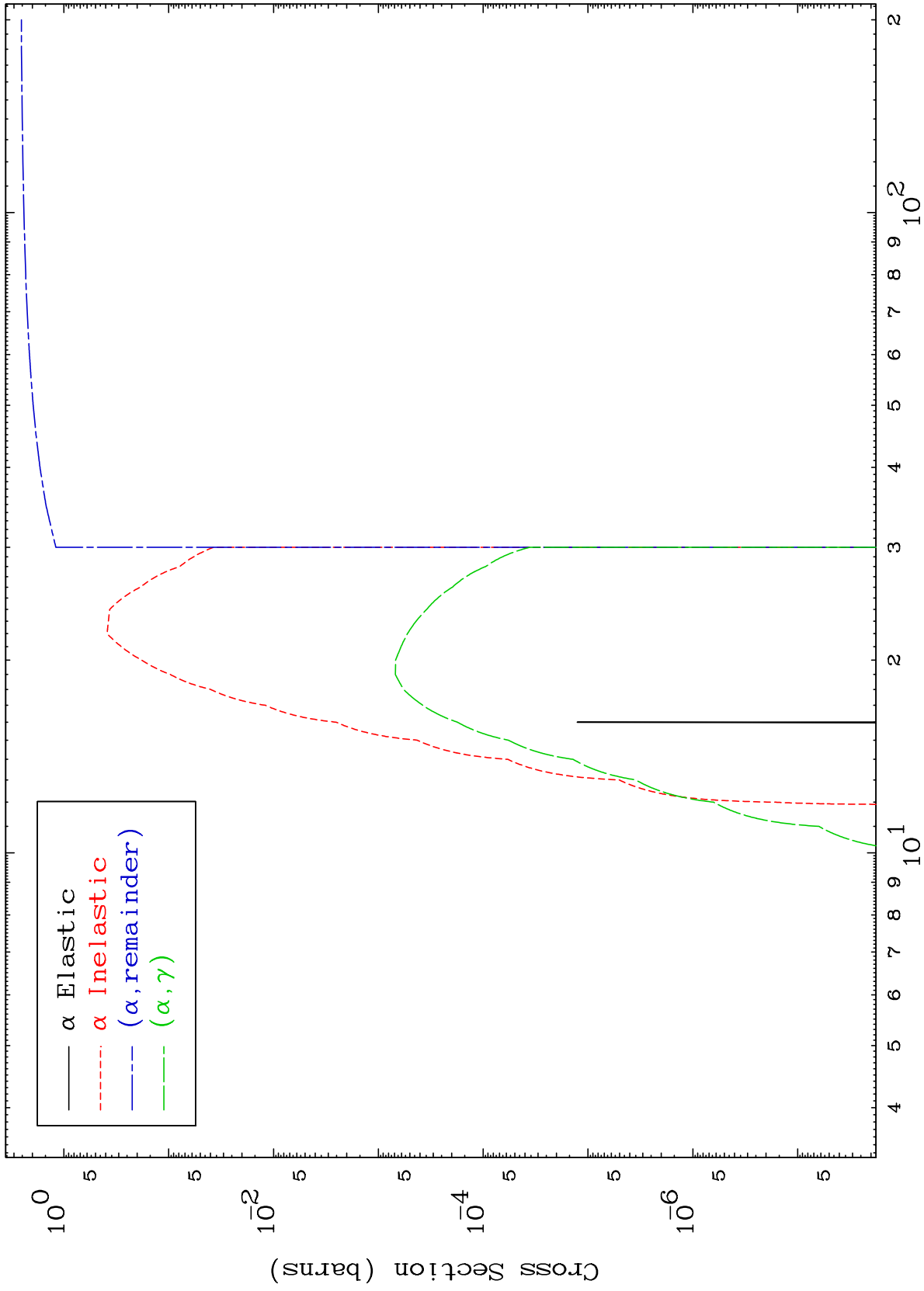
Press Mouse Button to Start

MAT 7098

0 Kelvin

α Major
Cross Sections

71-Lu-166



1

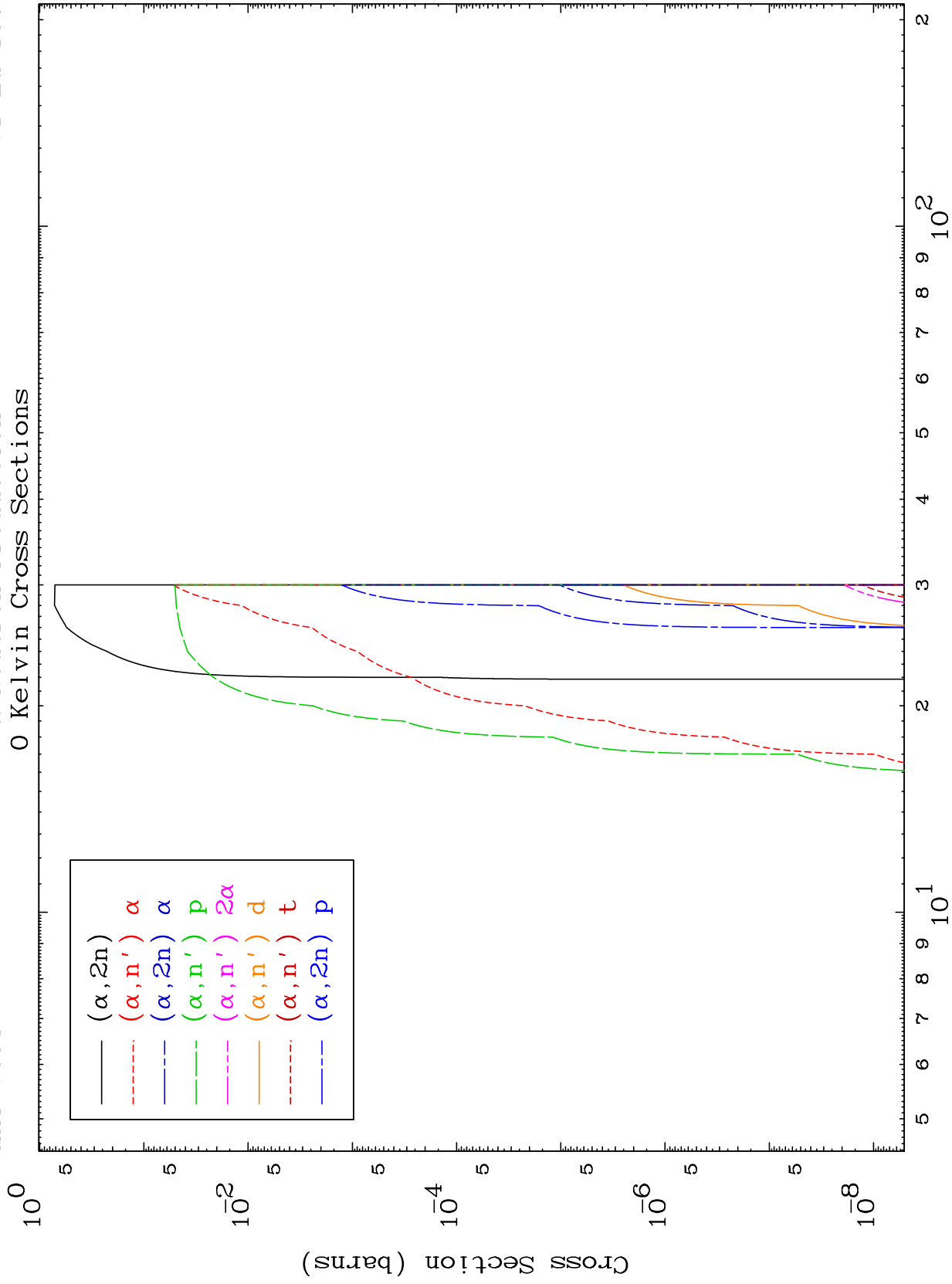
Incident Energy (MeV)

71-Lu-166

MAT 7098

α Neutron Production
0 Kelvin Cross Sections

71-Lu-166



2

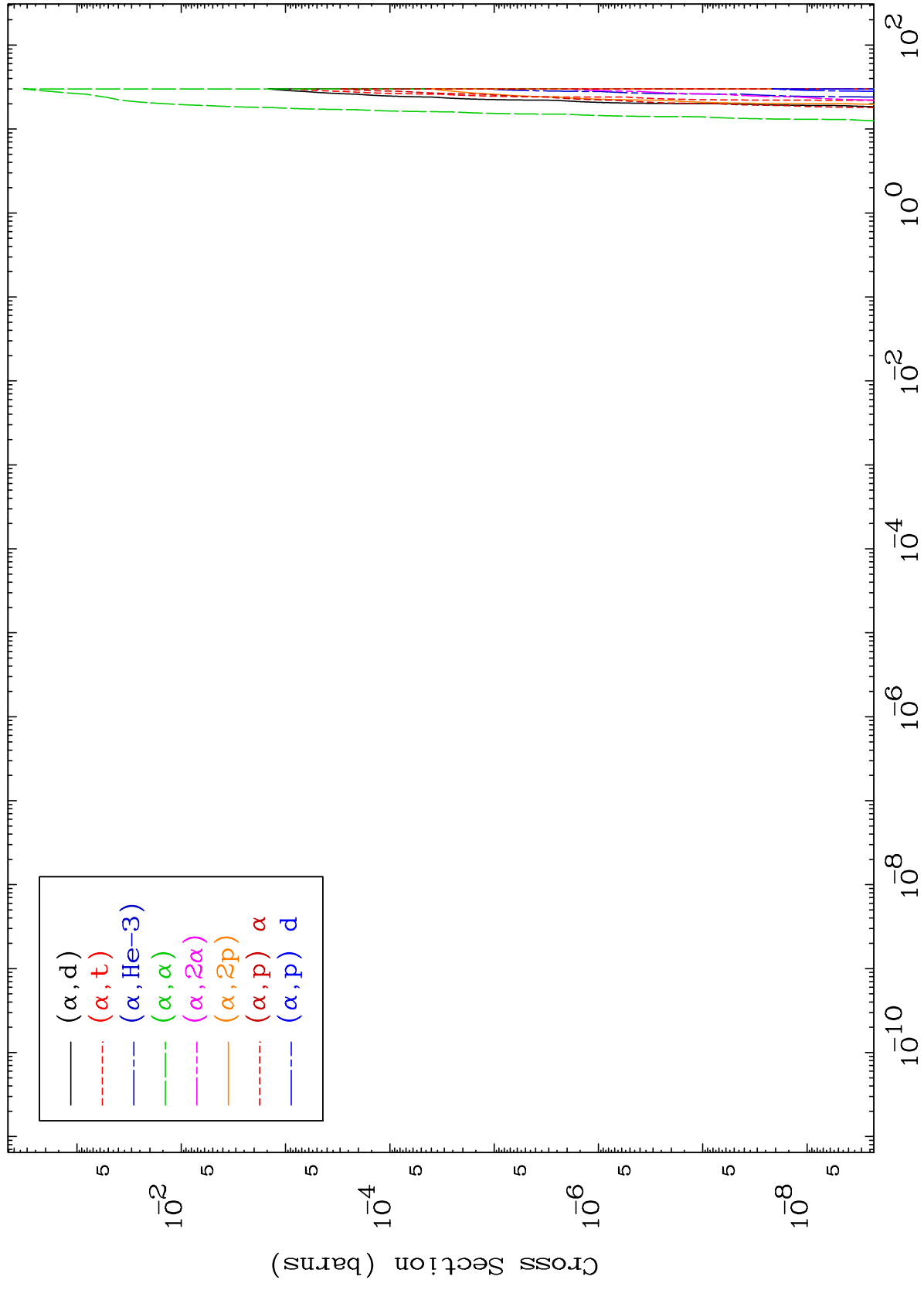
Incident Energy (MeV)

71-Lu-166

MAT 7098

α Charged Particle
0 Kelvin Cross Sections

71-Lu-166

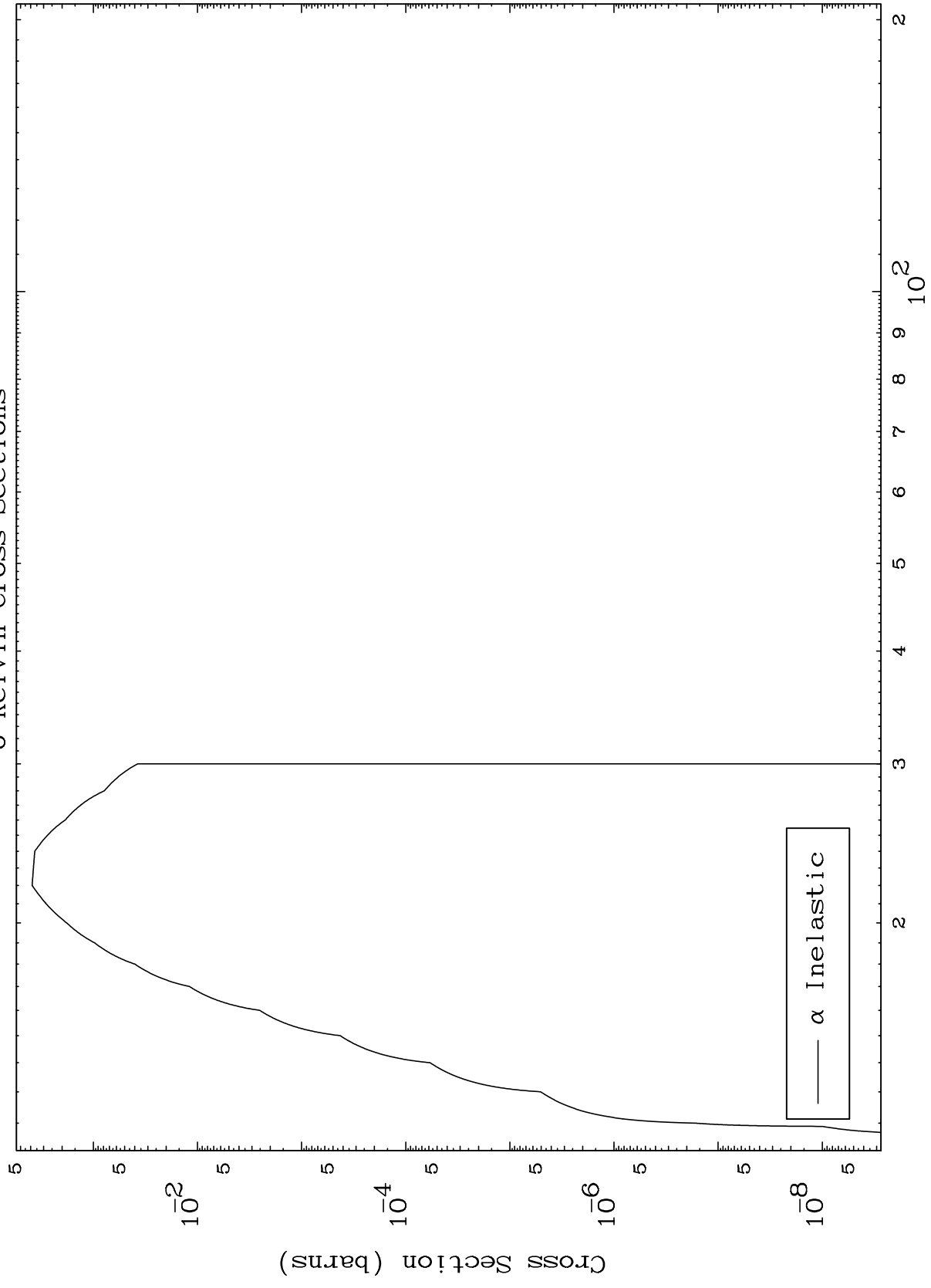


71-Lu-166

MAT 7098

(α, n') Level
0 Kelvin Cross Sections

71-Lu-166



5

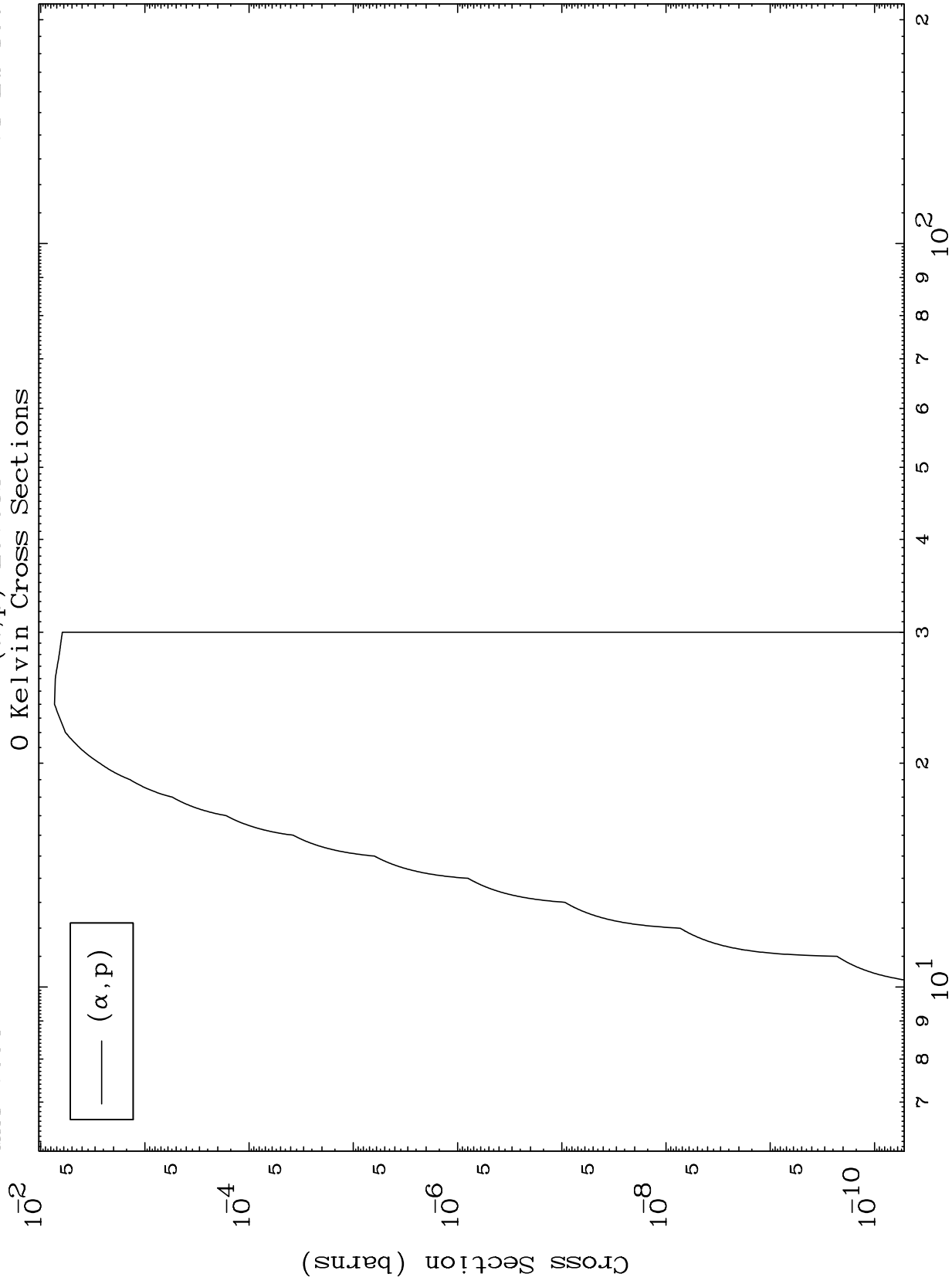
Incident Energy (MeV)

71-Lu-166

MAT 7098

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-166



6

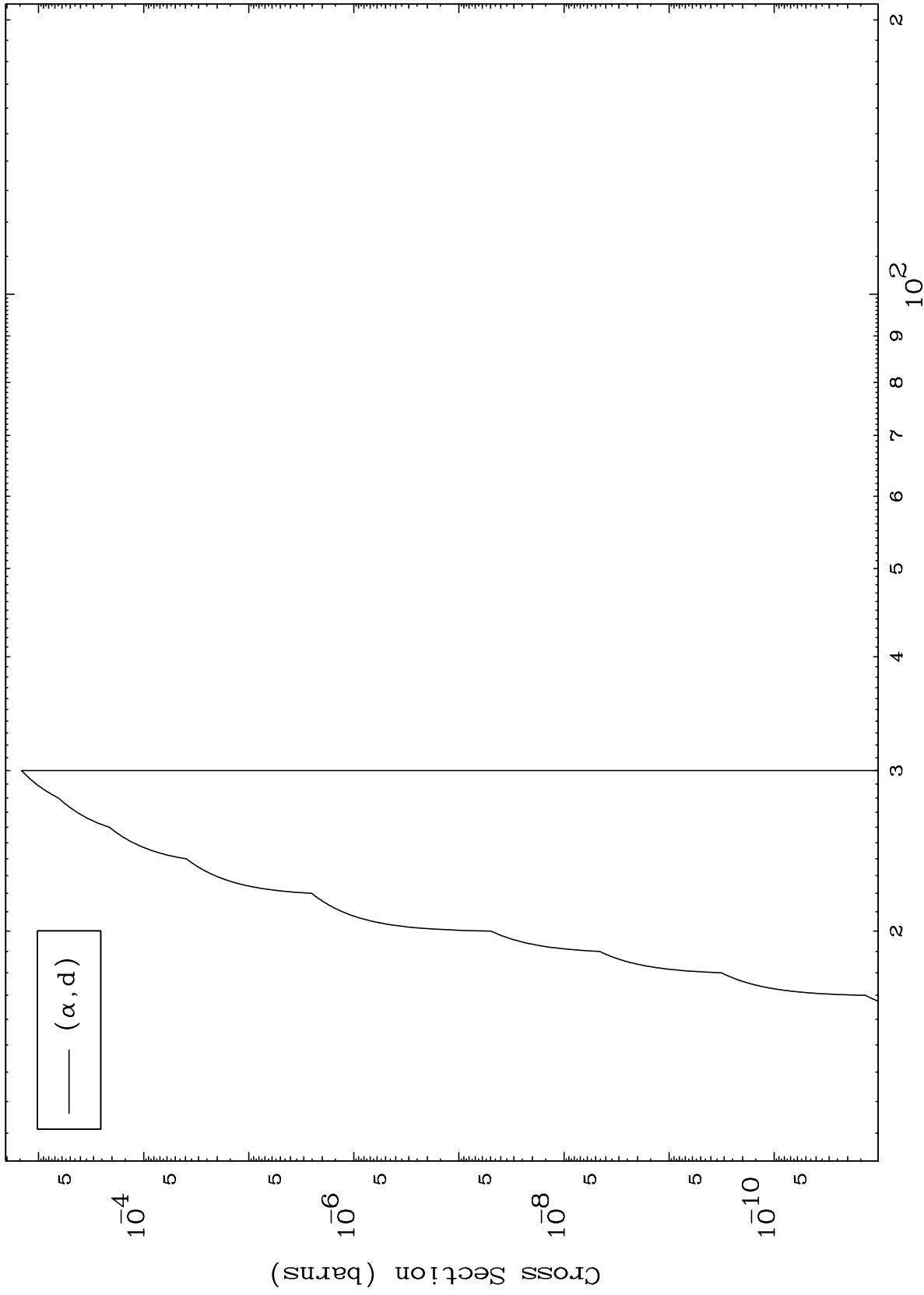
Incident Energy (MeV)

71-Lu-166

MAT 7098

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-166



7

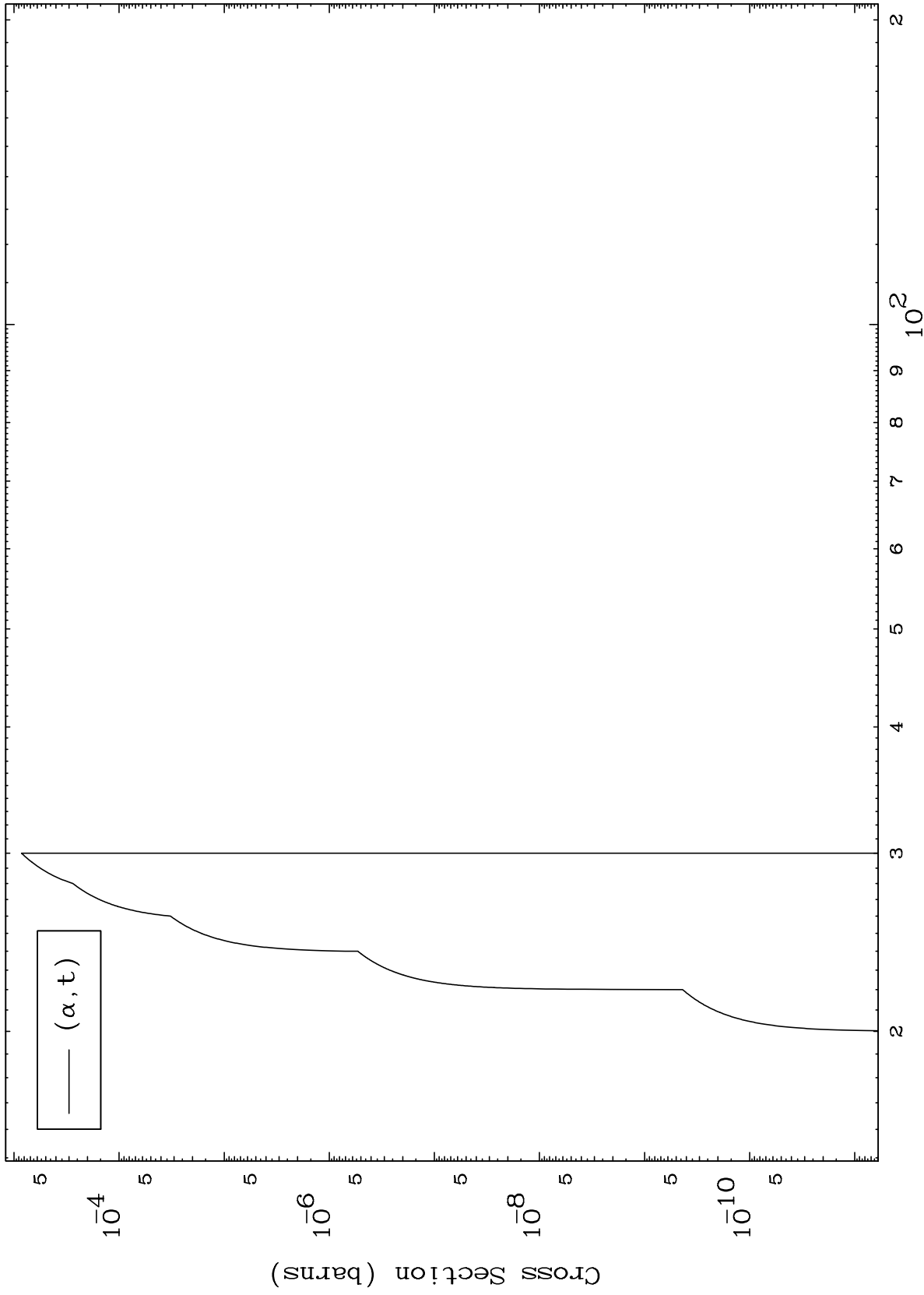
Incident Energy (MeV)

71-Lu-166

MAT 7098

(α, t) Levels
0 Kelvin Cross Sections

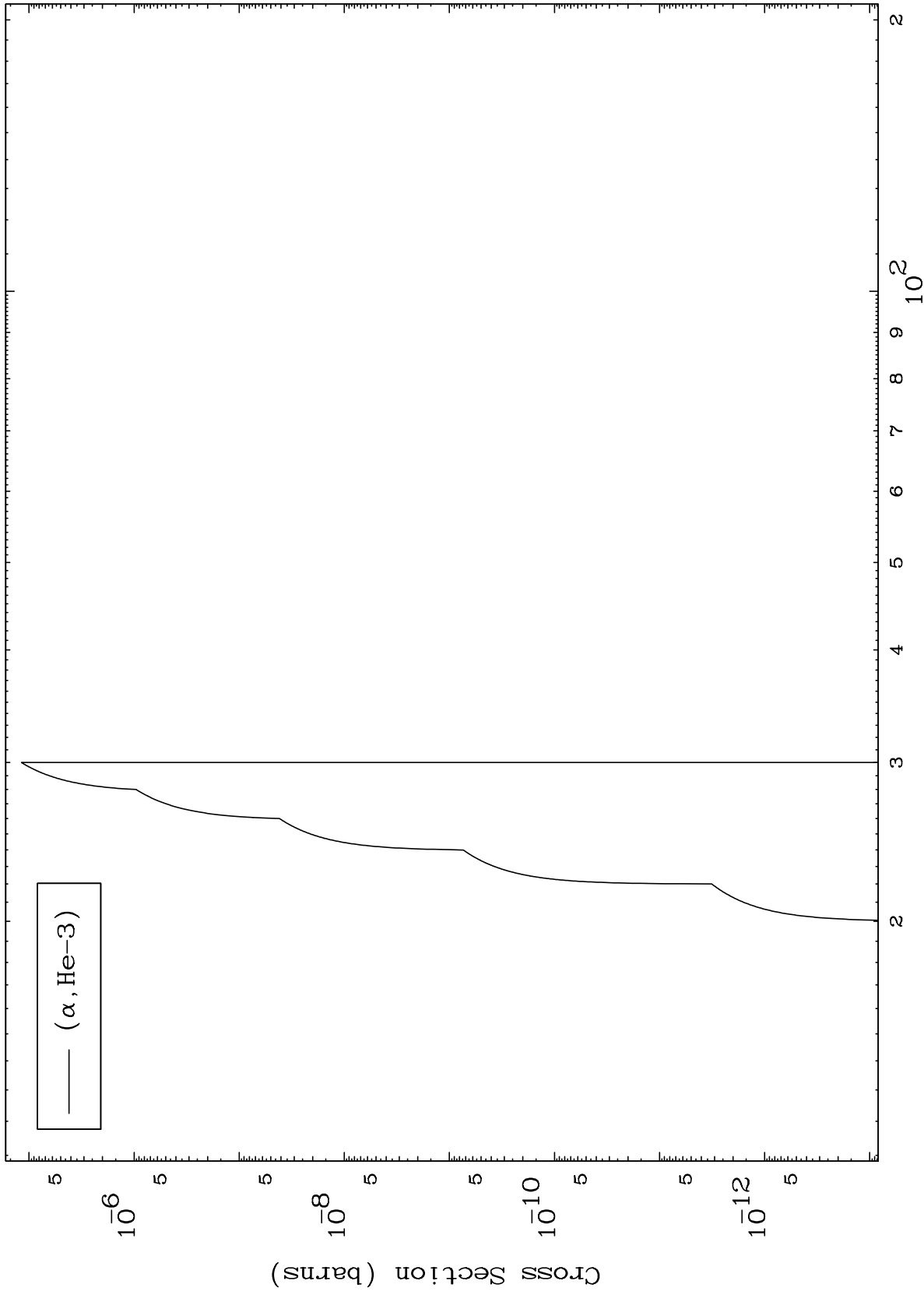
71-Lu-166



8

Incident Energy (MeV)

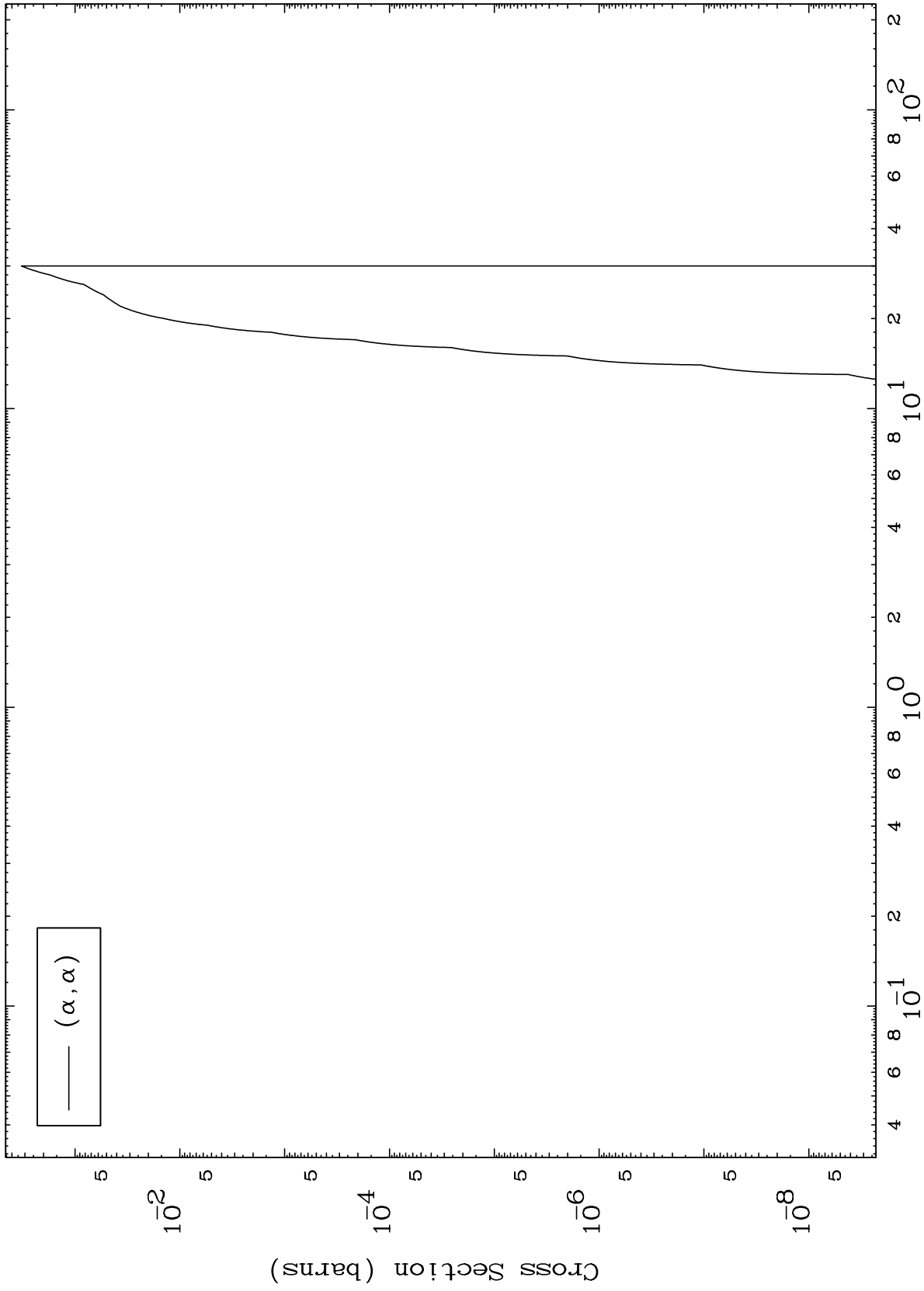
71-Lu-166



MAT 7098

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-166



10

Incident Energy (MeV)

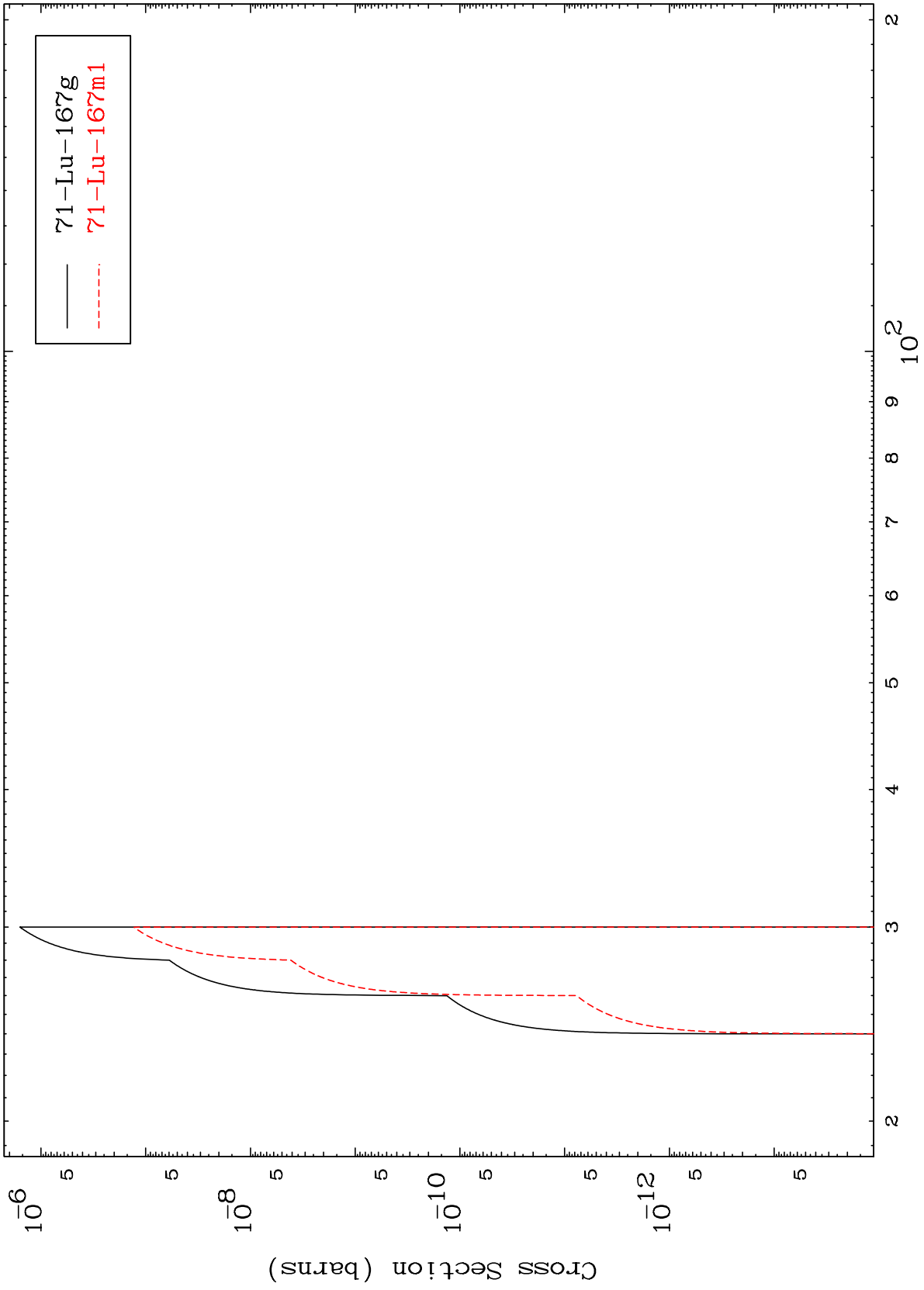
71-Lu-166

MAT 7098

$(\alpha, 2n)$ p

⁷¹Lu-166

Radionuclide Production Cross Section



11

Incident Energy (MeV)

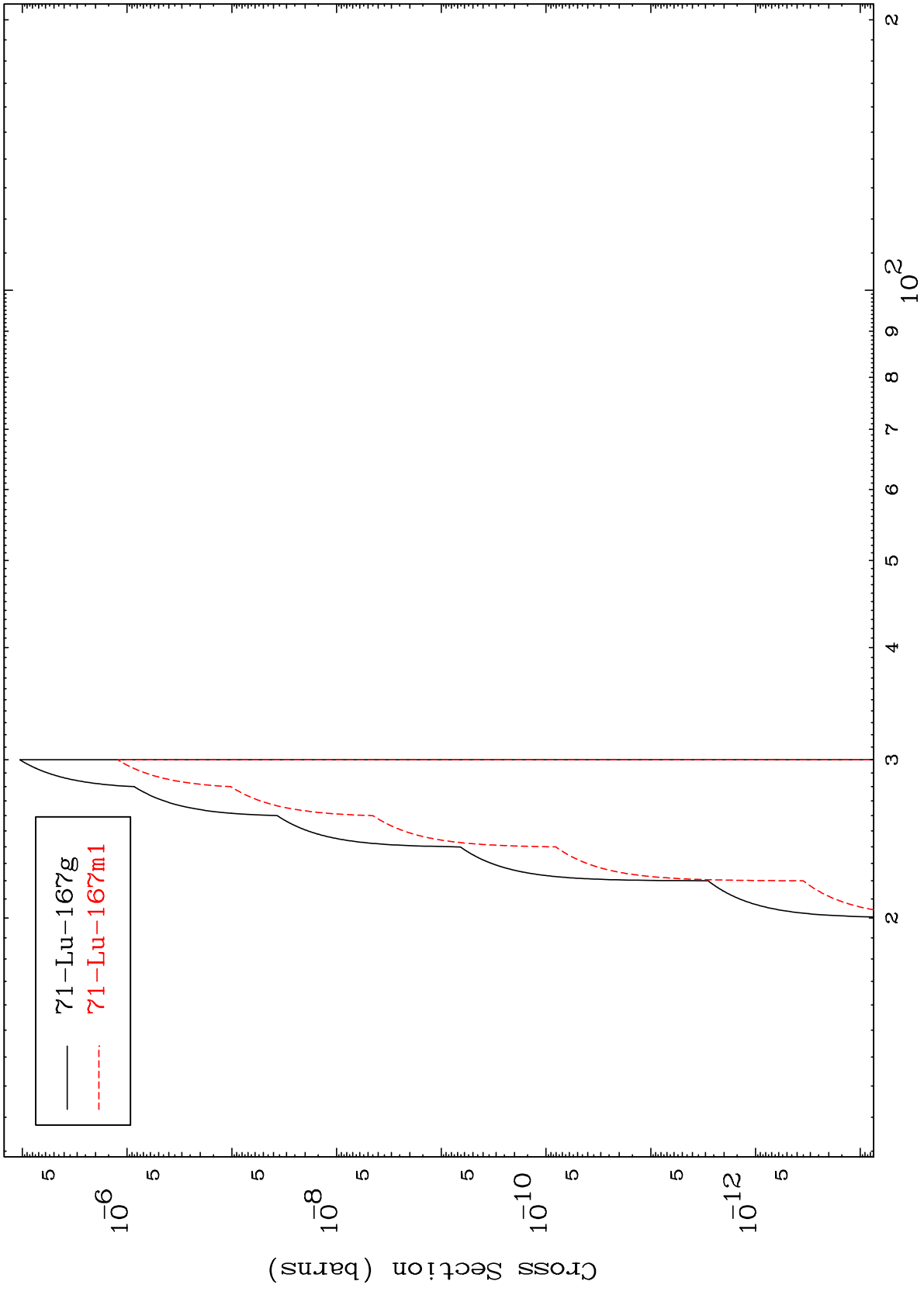
⁷¹Lu-166

MAT 7098

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

$^{71}\text{Lu-166}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

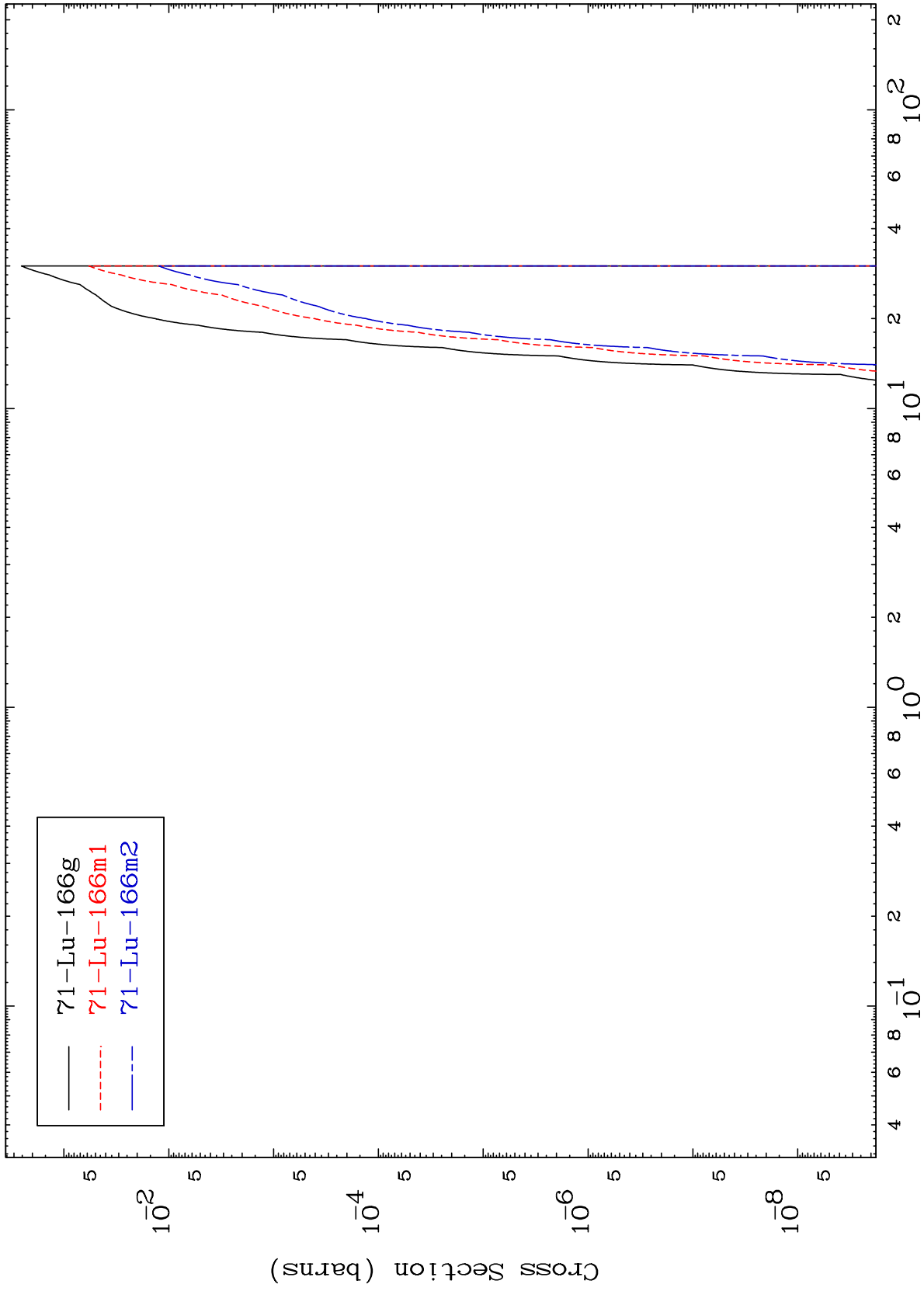
$^{71}\text{Lu-166}$

MAT 7098

(α, α)

⁷¹Lu-166

Radionuclide Production Cross Section



13

Incident Energy (MeV)

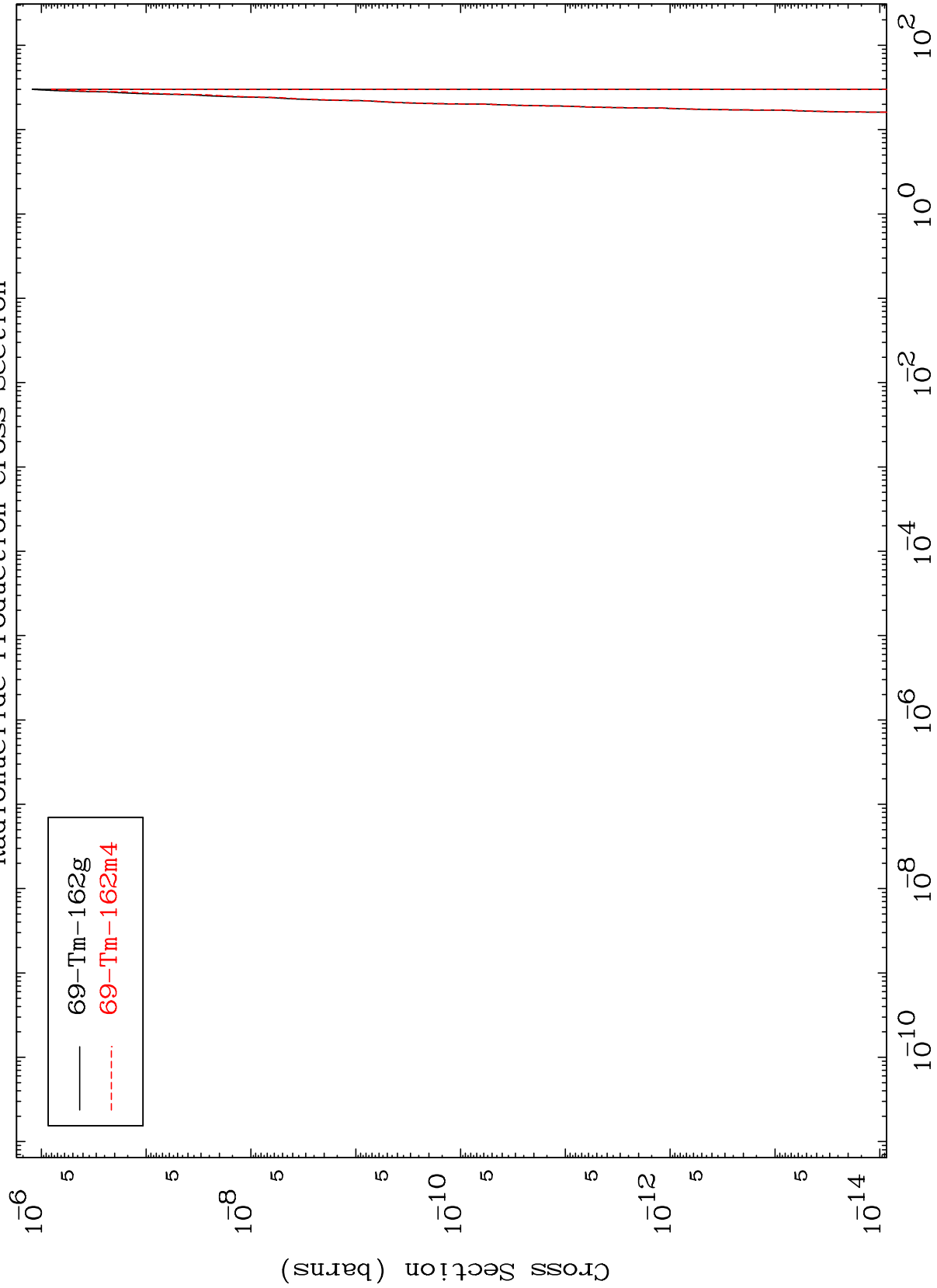
⁷¹Lu-166

MAT 7098

($\alpha, 2\alpha$)

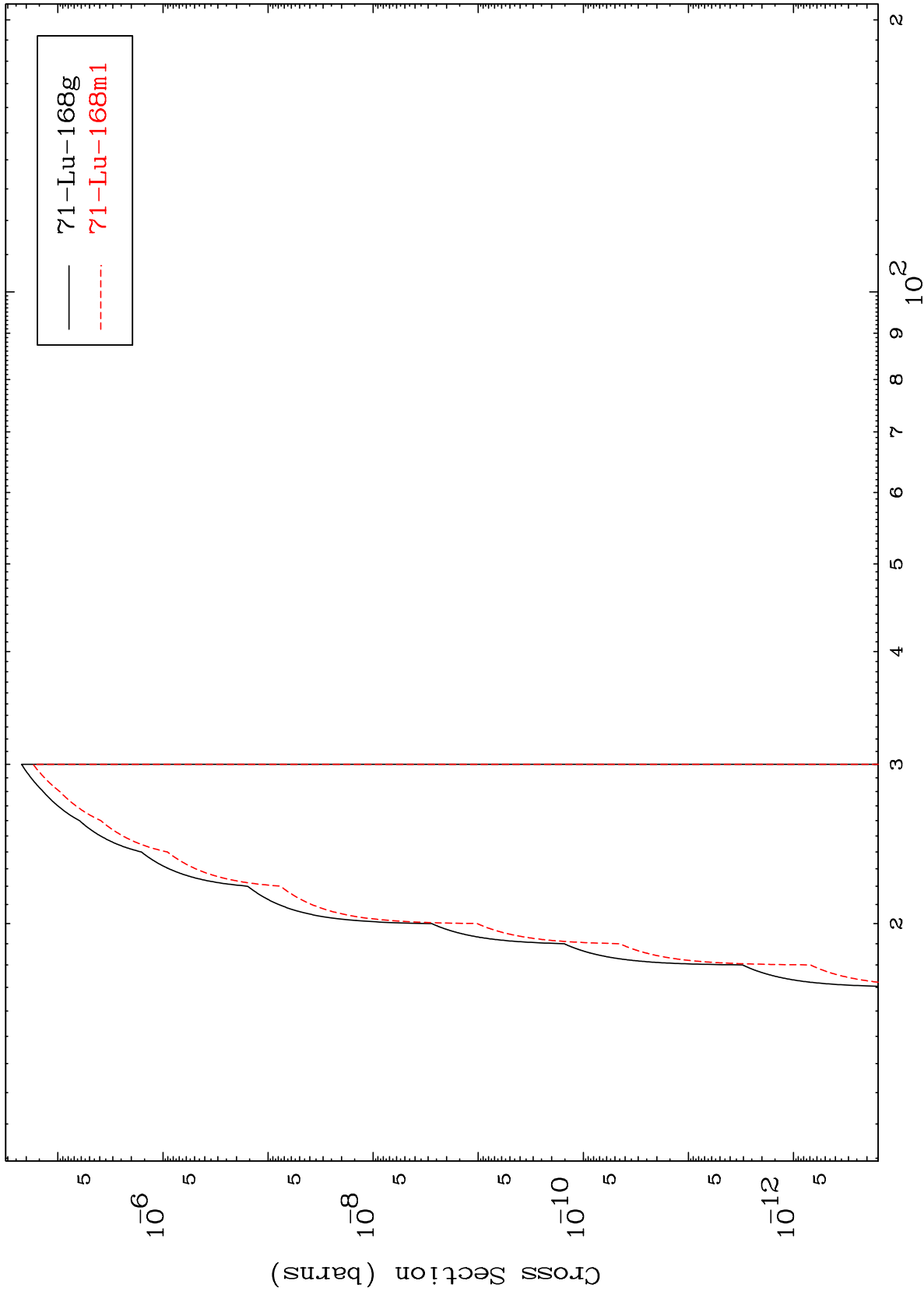
⁷¹Lu-166

Radionuclide Production Cross Section



69Tm-162g
69Tm-162m4

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

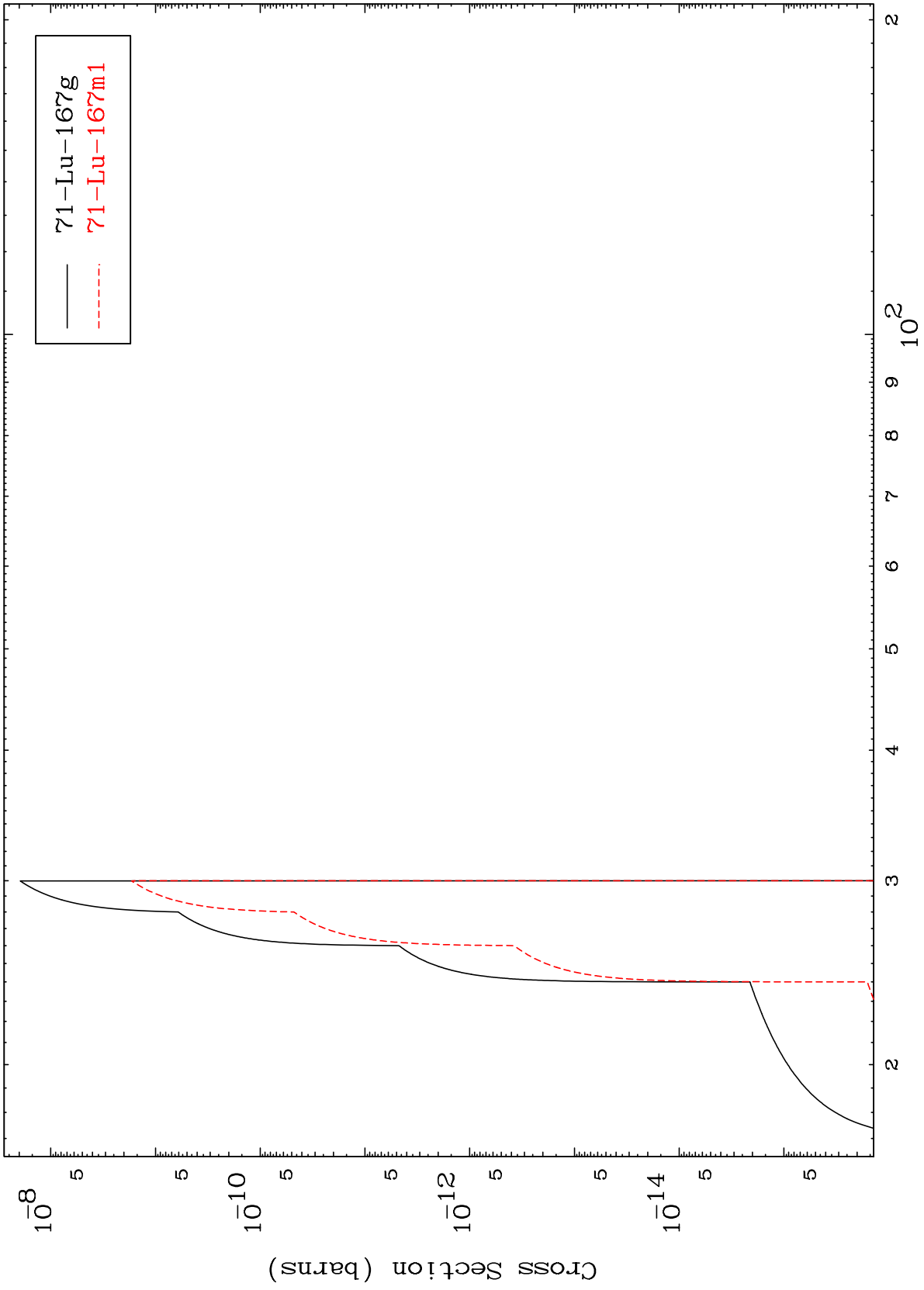


MAT 7098

(α, p) d

⁷¹Lu-166

Radionuclide Production Cross Section



71-Lu-167g
71-Lu-167m1

16

Incident Energy (MeV)

⁷¹Lu-166