

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

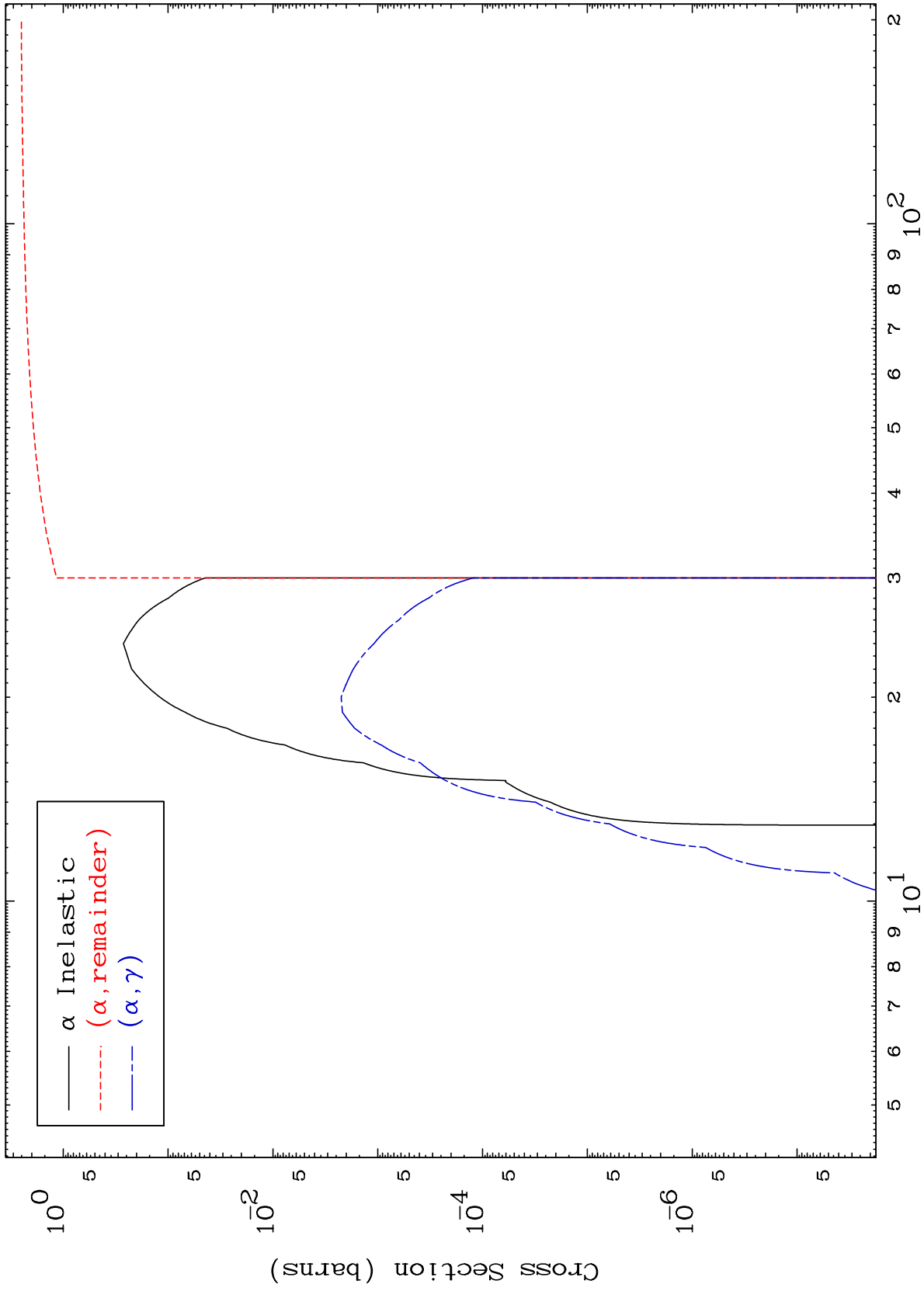
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7086

0 Kelvin α Major
Cross Sections

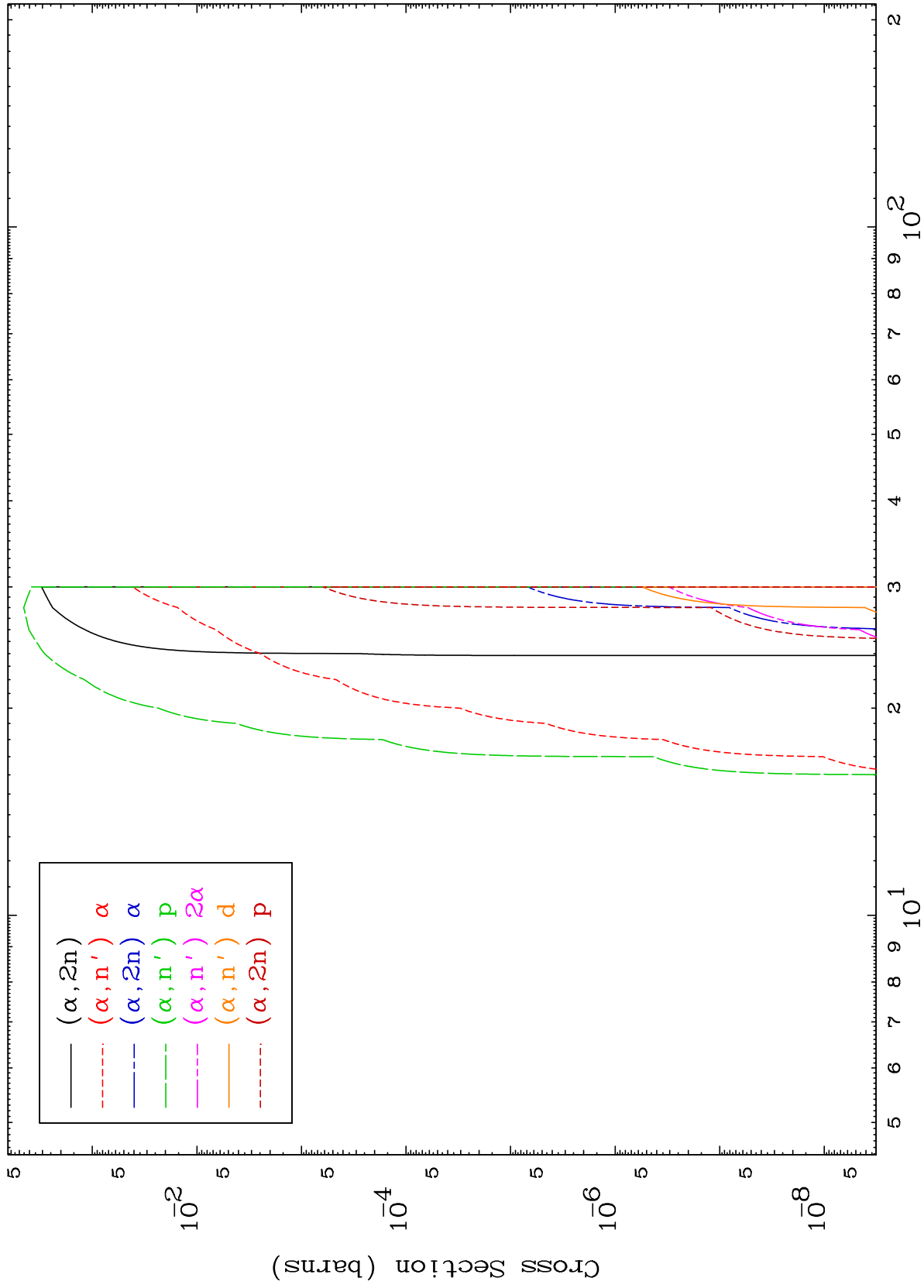
$^{71}\text{Lu-162}$



MAT 7086

α Neutron Production
0 Kelvin Cross Sections

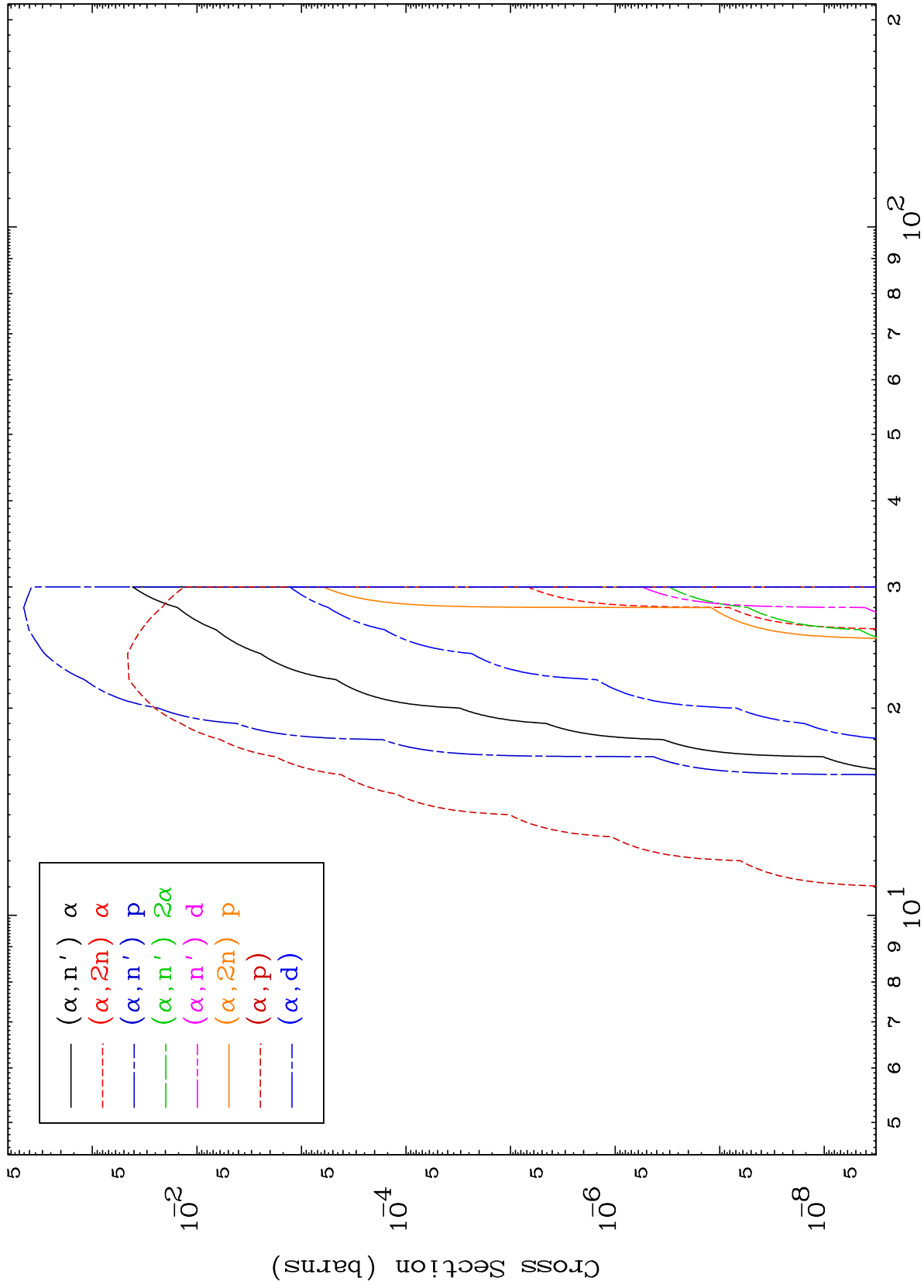
71-Lu-162

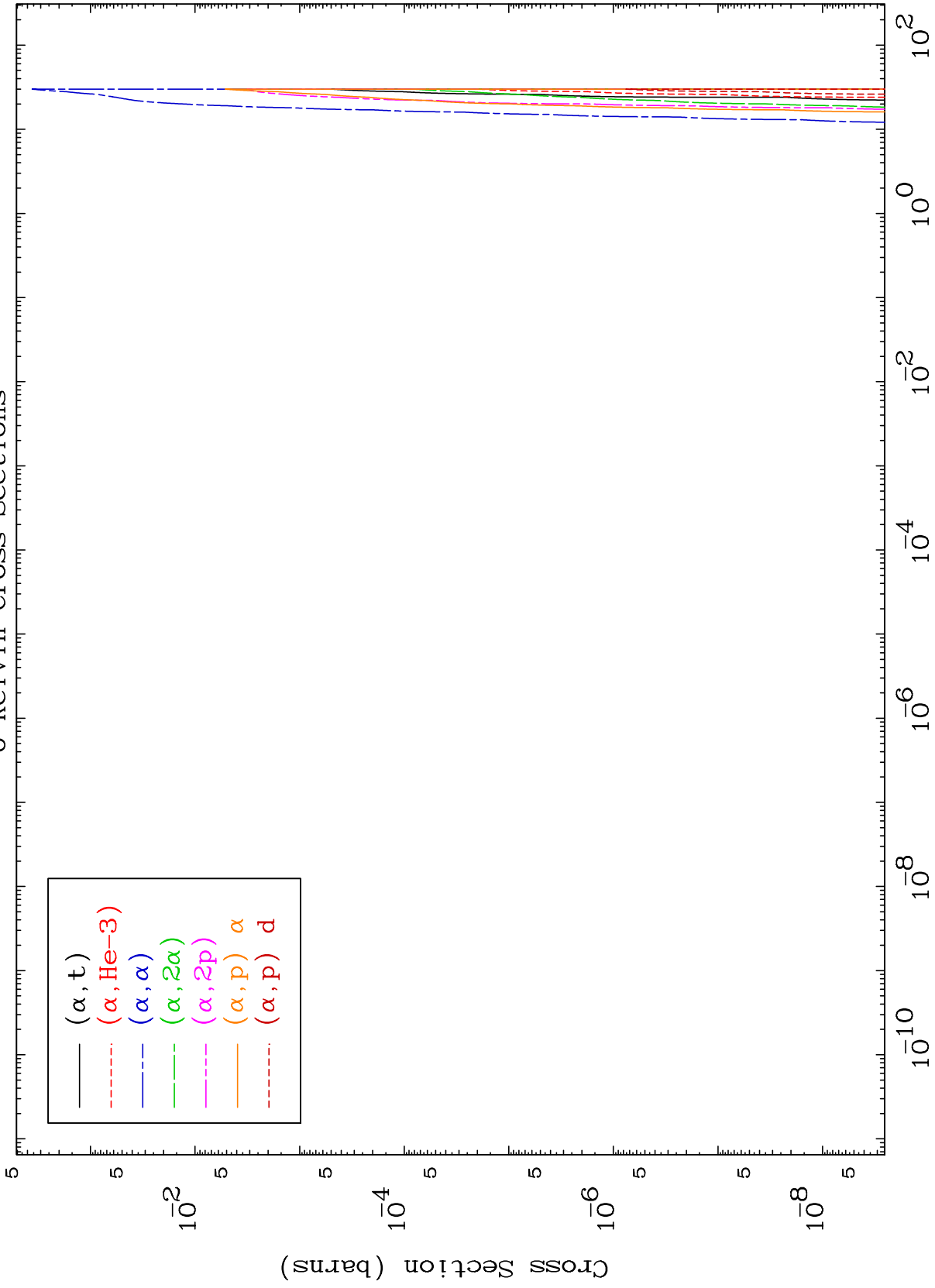


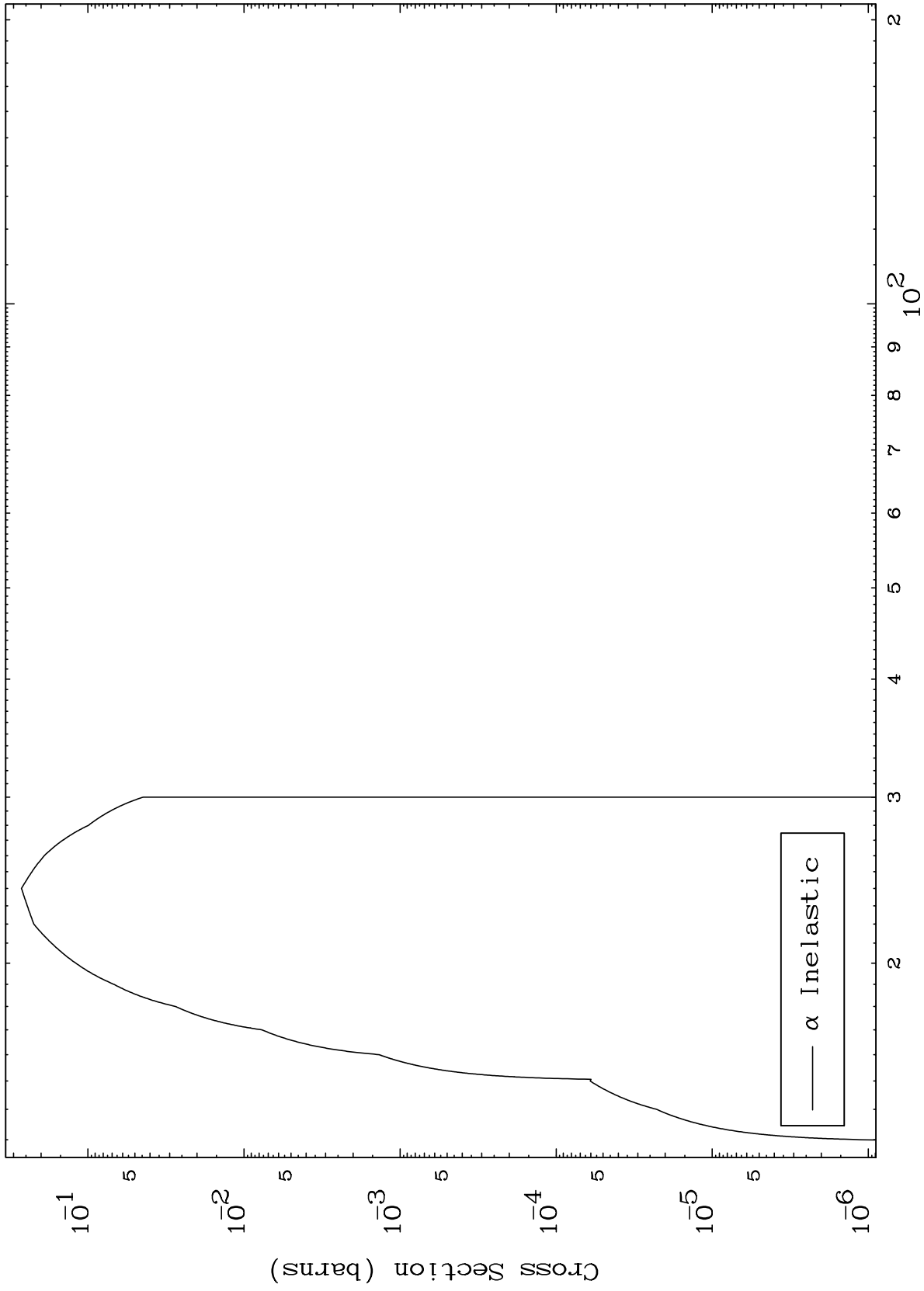
2

Incident Energy (MeV)

71-Lu-162



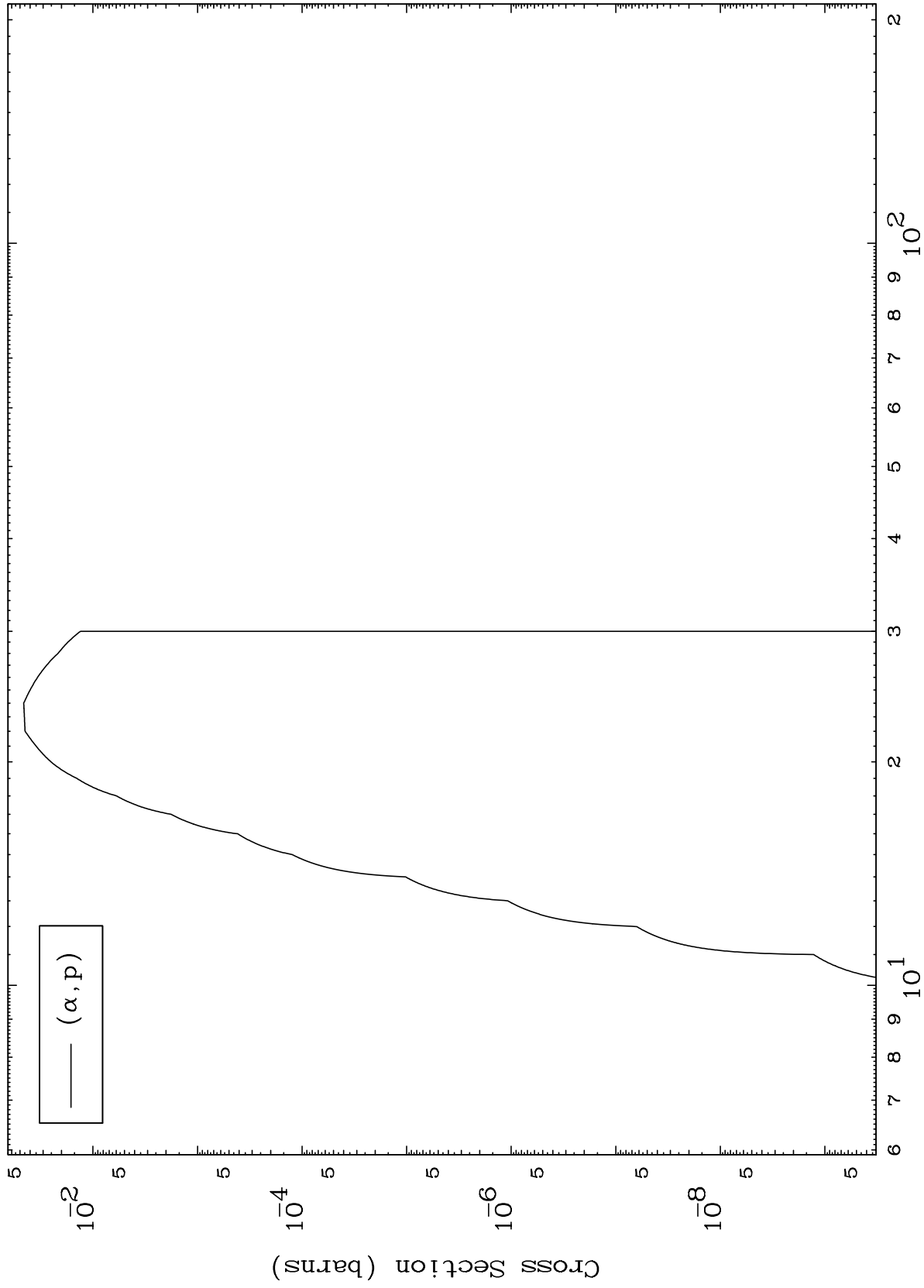




MAT 7086

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-162



6

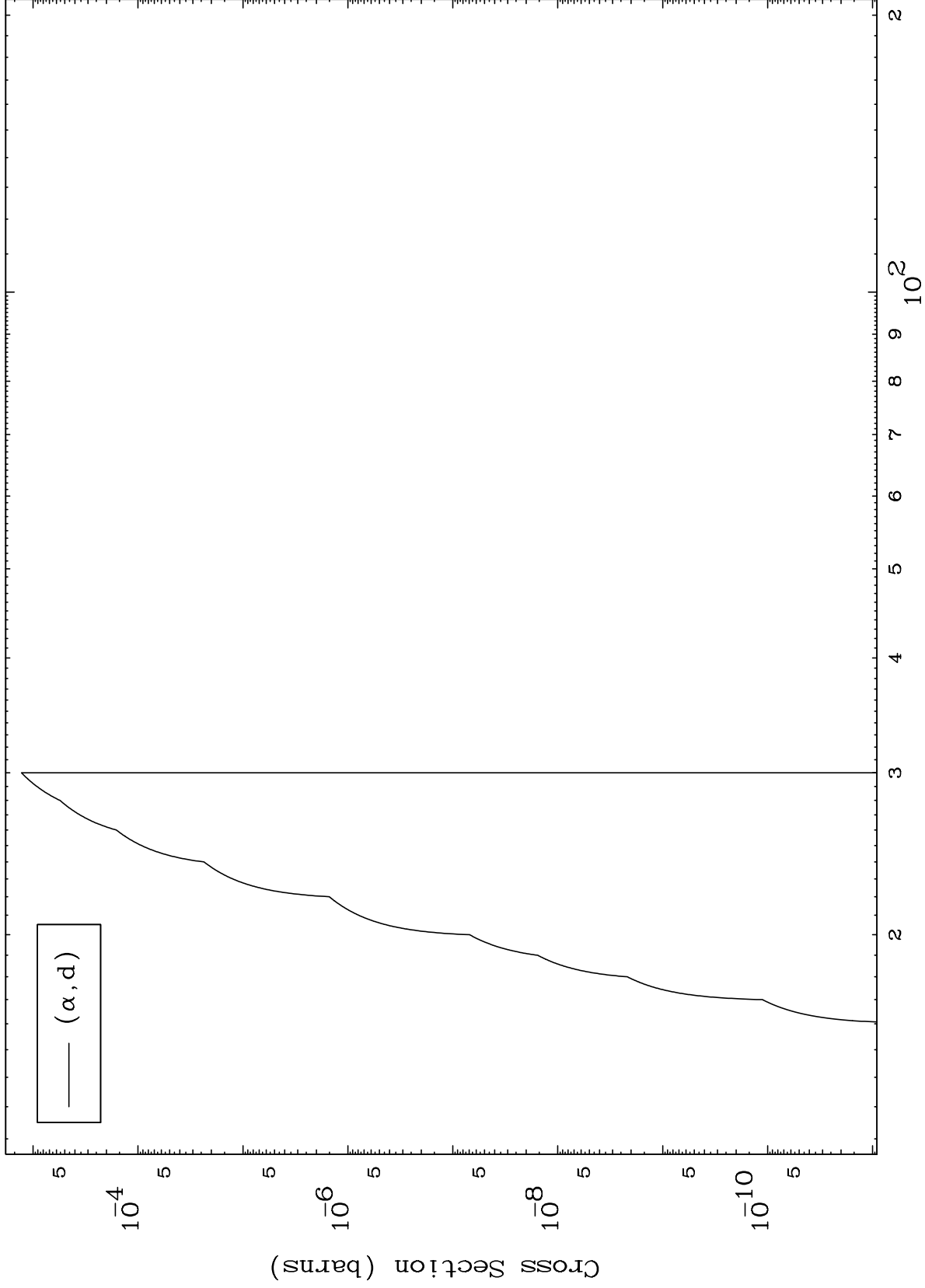
Incident Energy (MeV)

71-Lu-162

MAT 7086

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-162



7

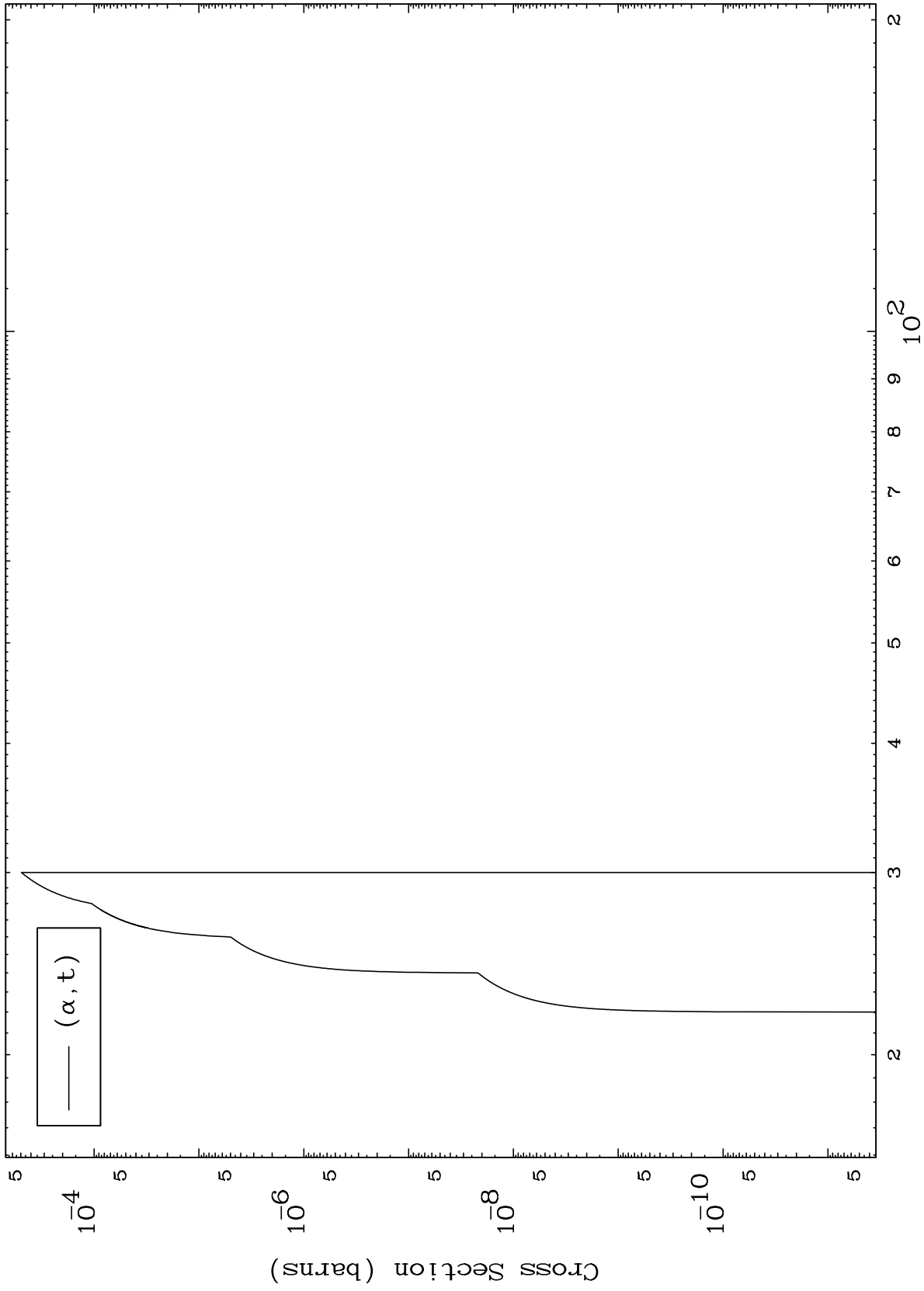
Incident Energy (MeV)

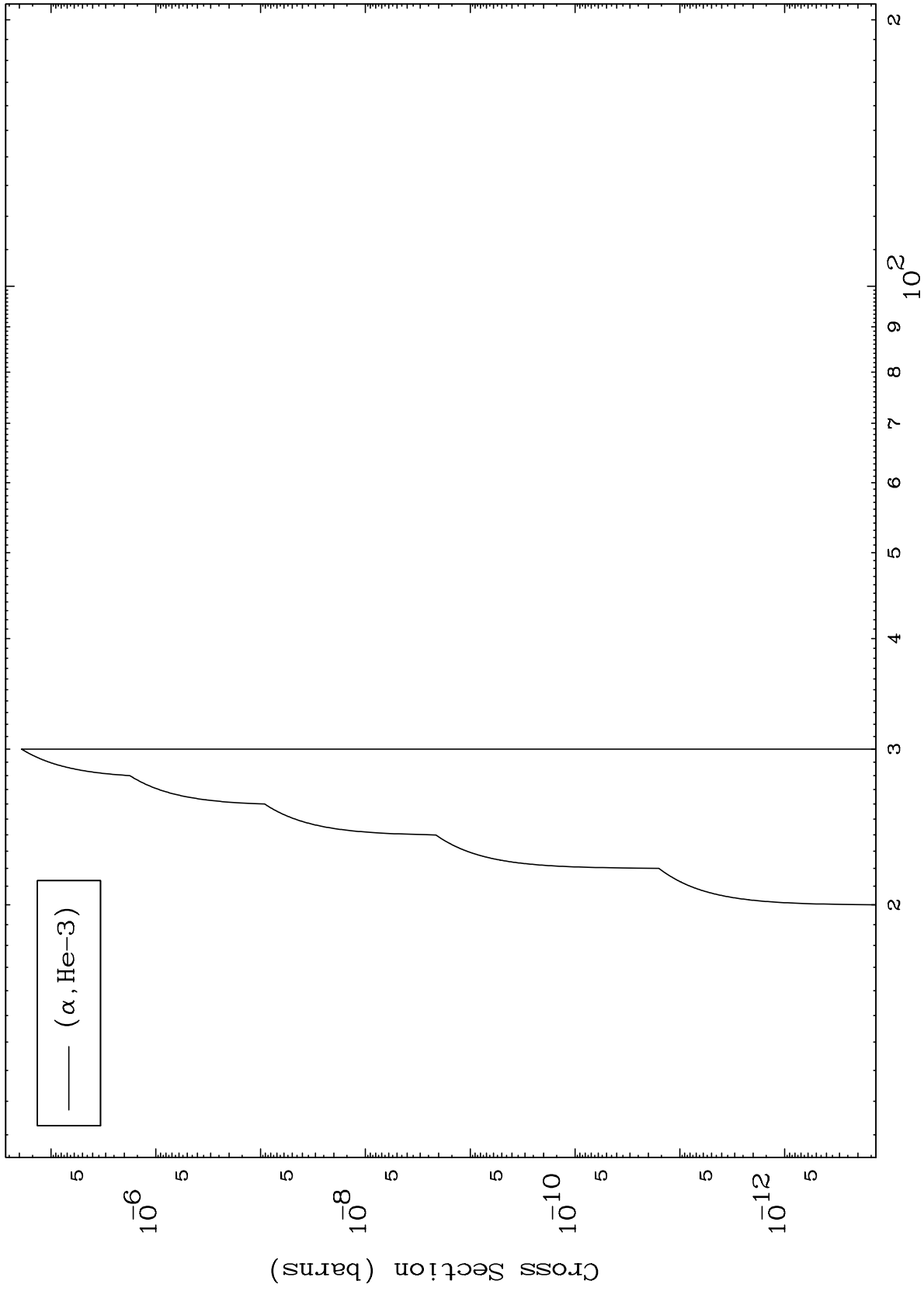
71-Lu-162

MAT 7086

(α, t) Levels
0 Kelvin Cross Sections

71-Lu-162

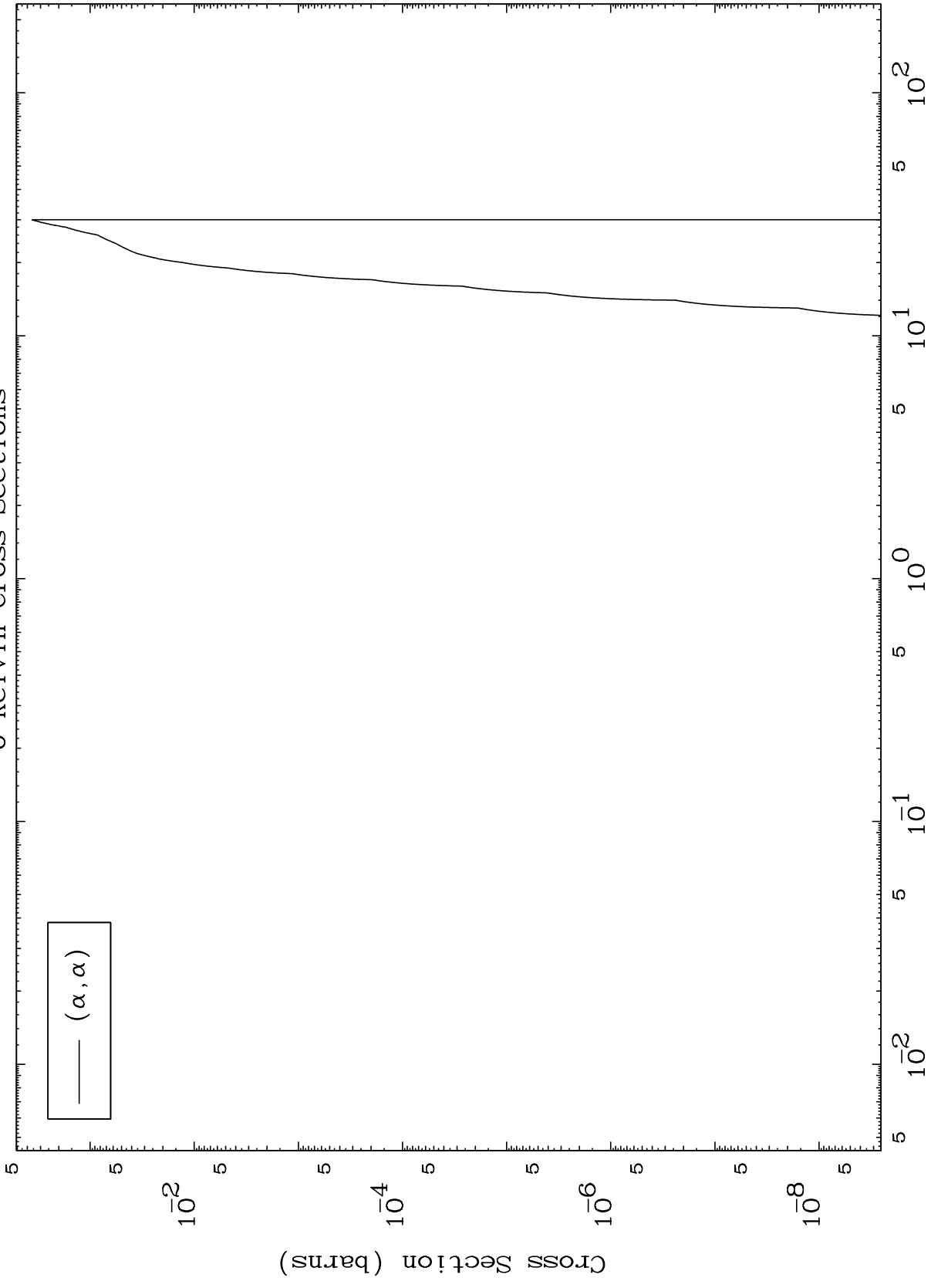




MAT 7086

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-162



10

Incident Energy (MeV)

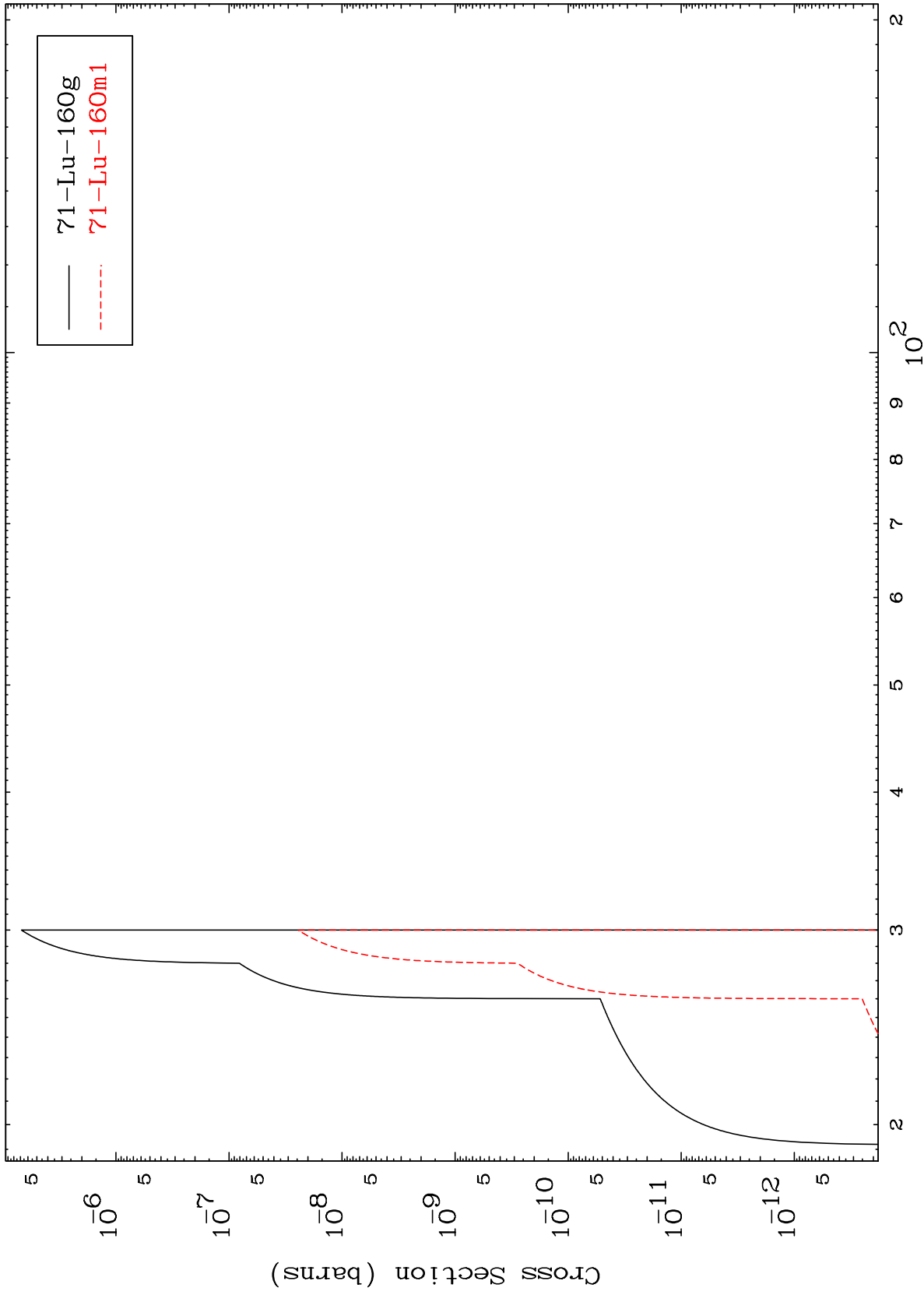
71-Lu-162

MAT 7086

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-162}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

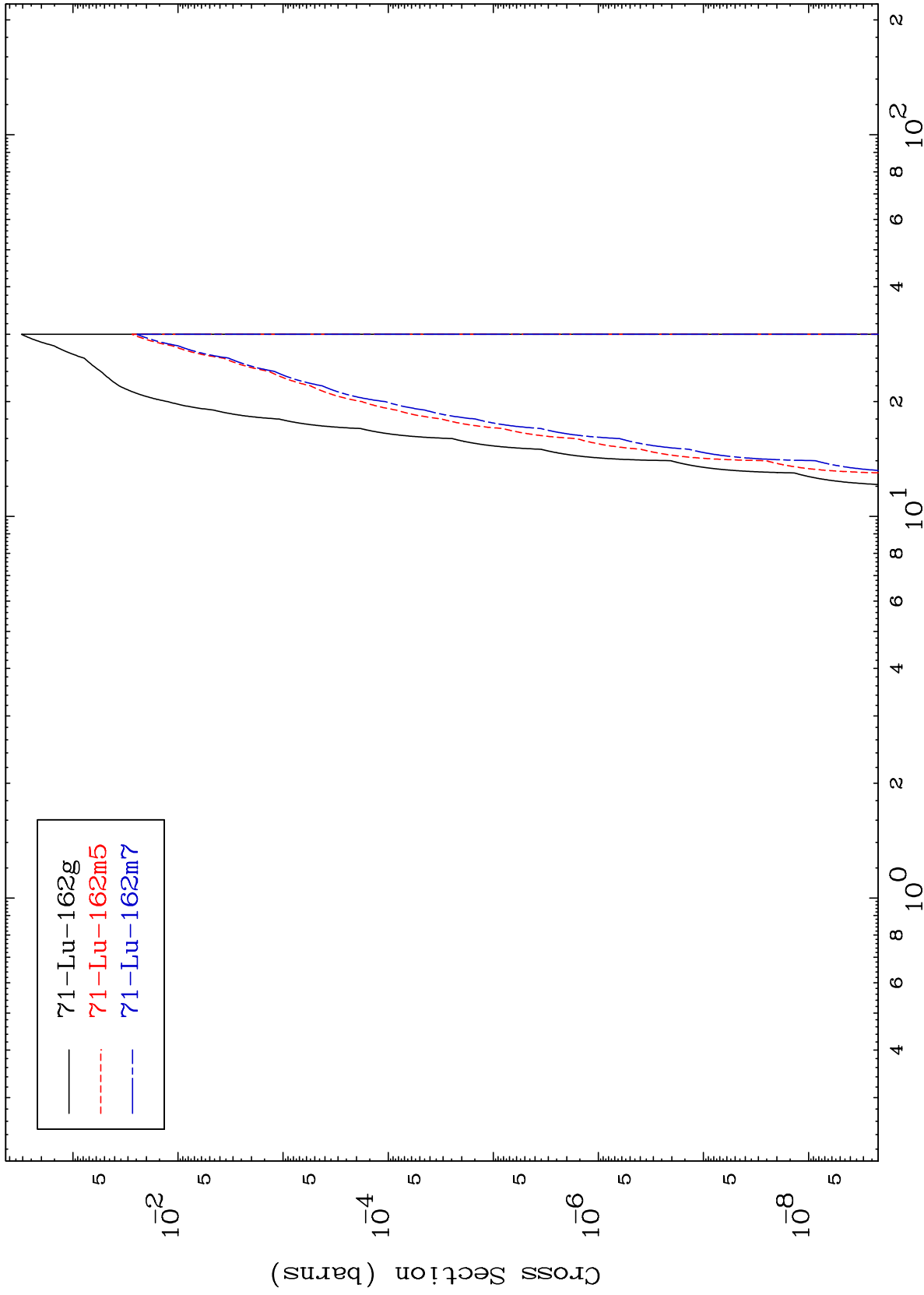
$^{71}\text{Lu-162}$

MAT 7086

(α, α)

⁷¹Lu-162

Radionuclide Production Cross Section



12

Incident Energy (MeV)

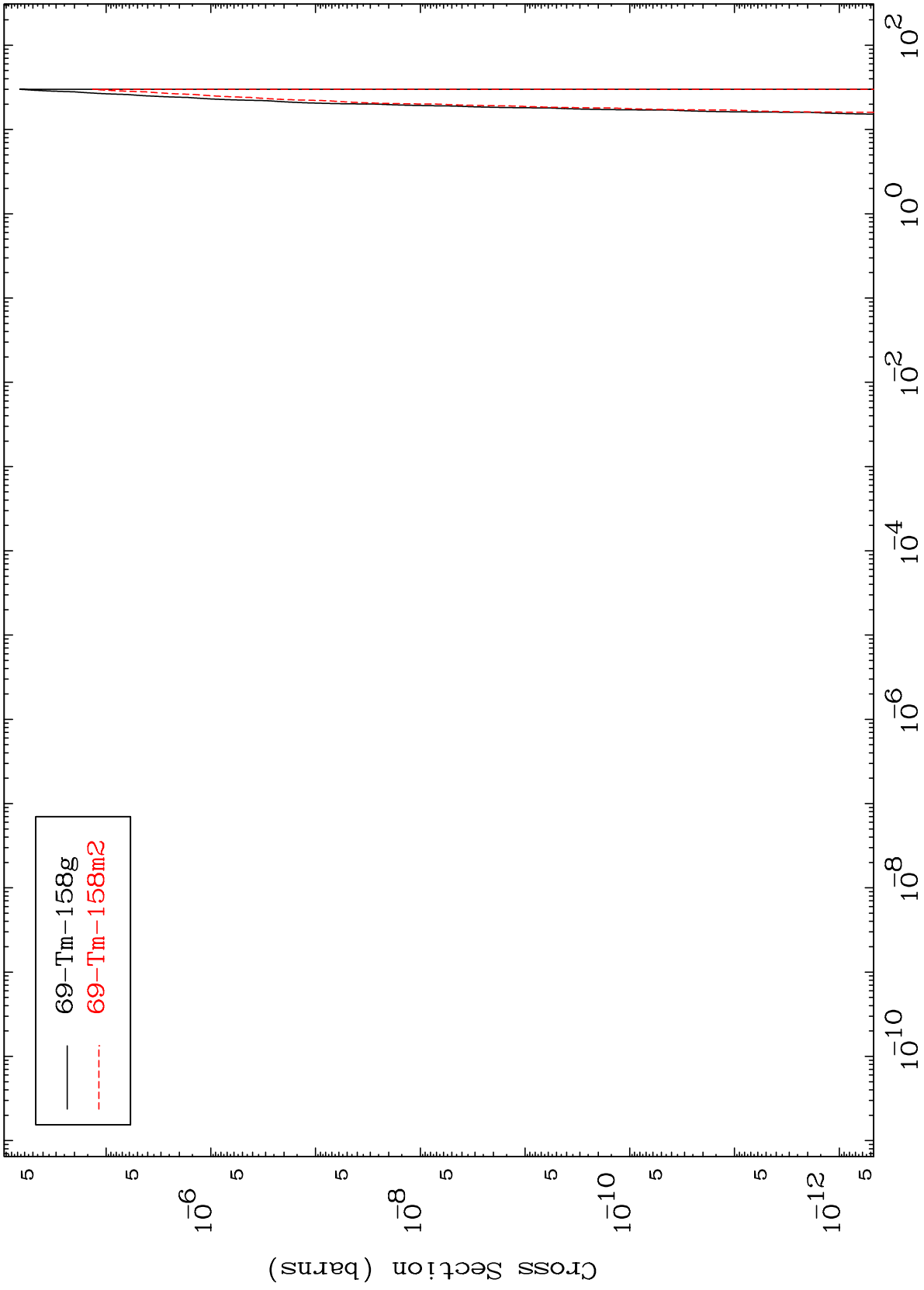
⁷¹Lu-162

MAT 7086

($\alpha, 2\alpha$)

⁷¹Lu-162

Radionuclide Production Cross Section



13

Incident Energy (MeV)

⁷¹Lu-162