

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

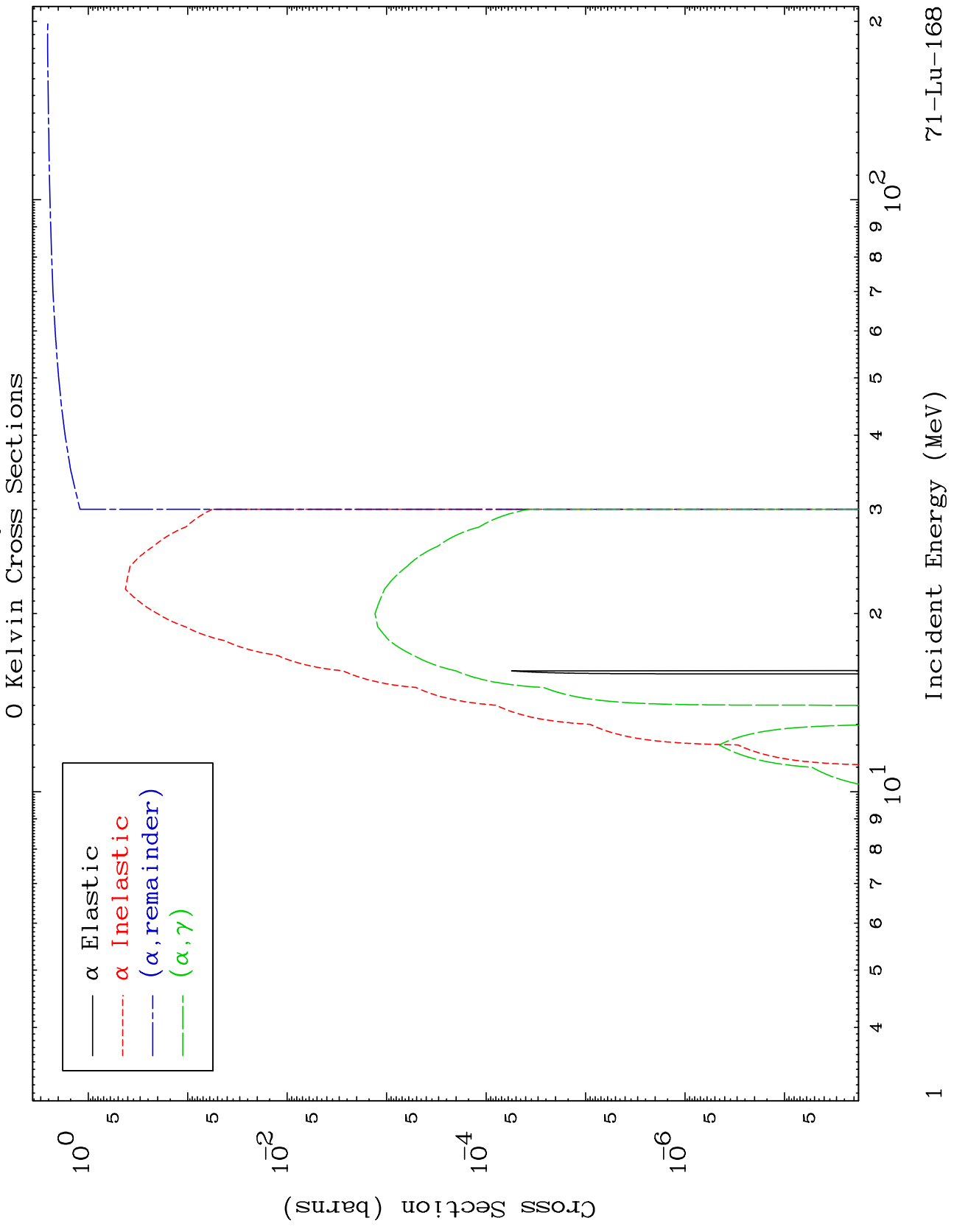
Press Mouse Button to Start

MAT 7105

0 Kelvin

α Major

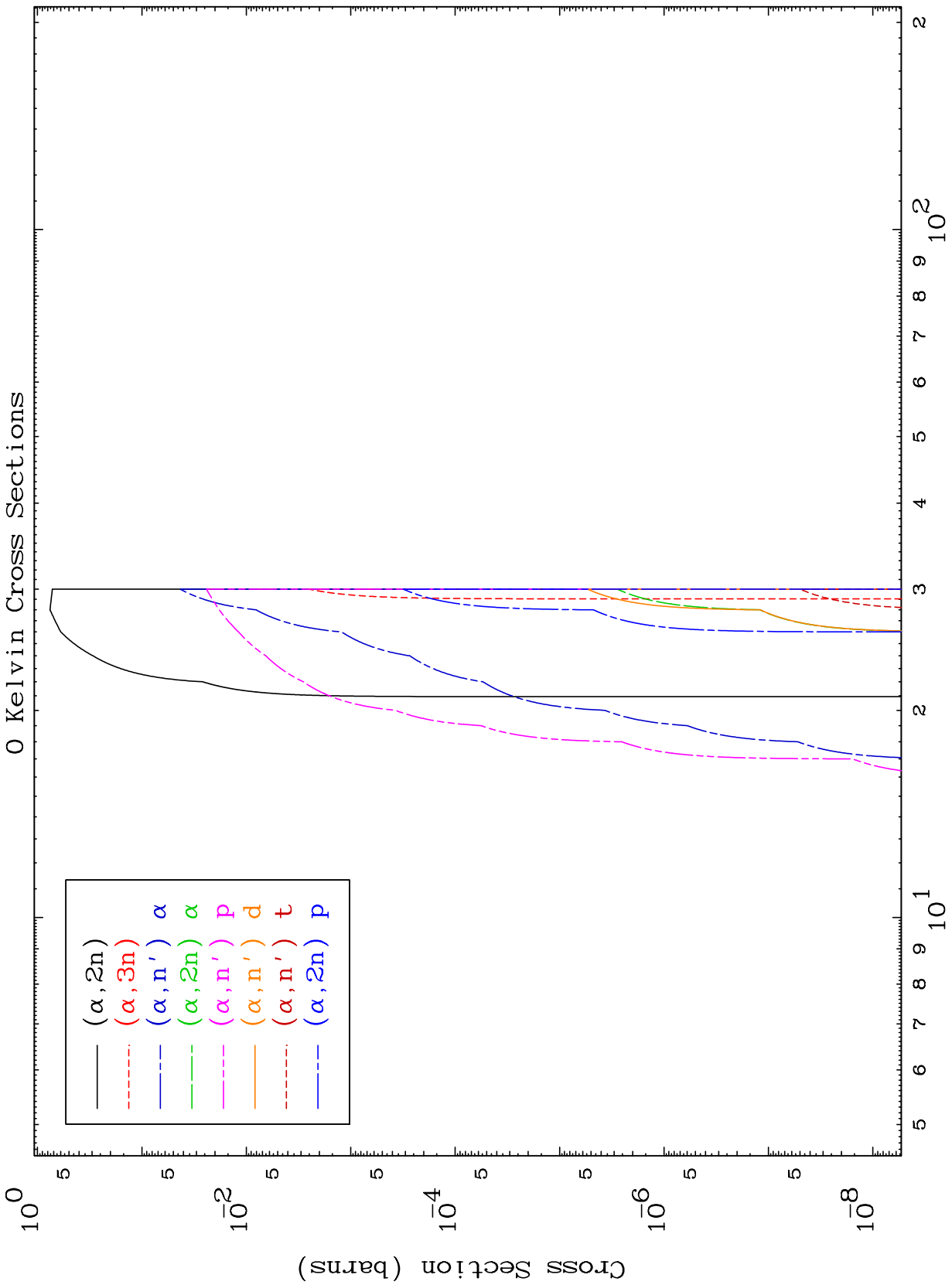
71-Lu-168



MAT 7105

α Neutron Production
0 Kelvin Cross Sections

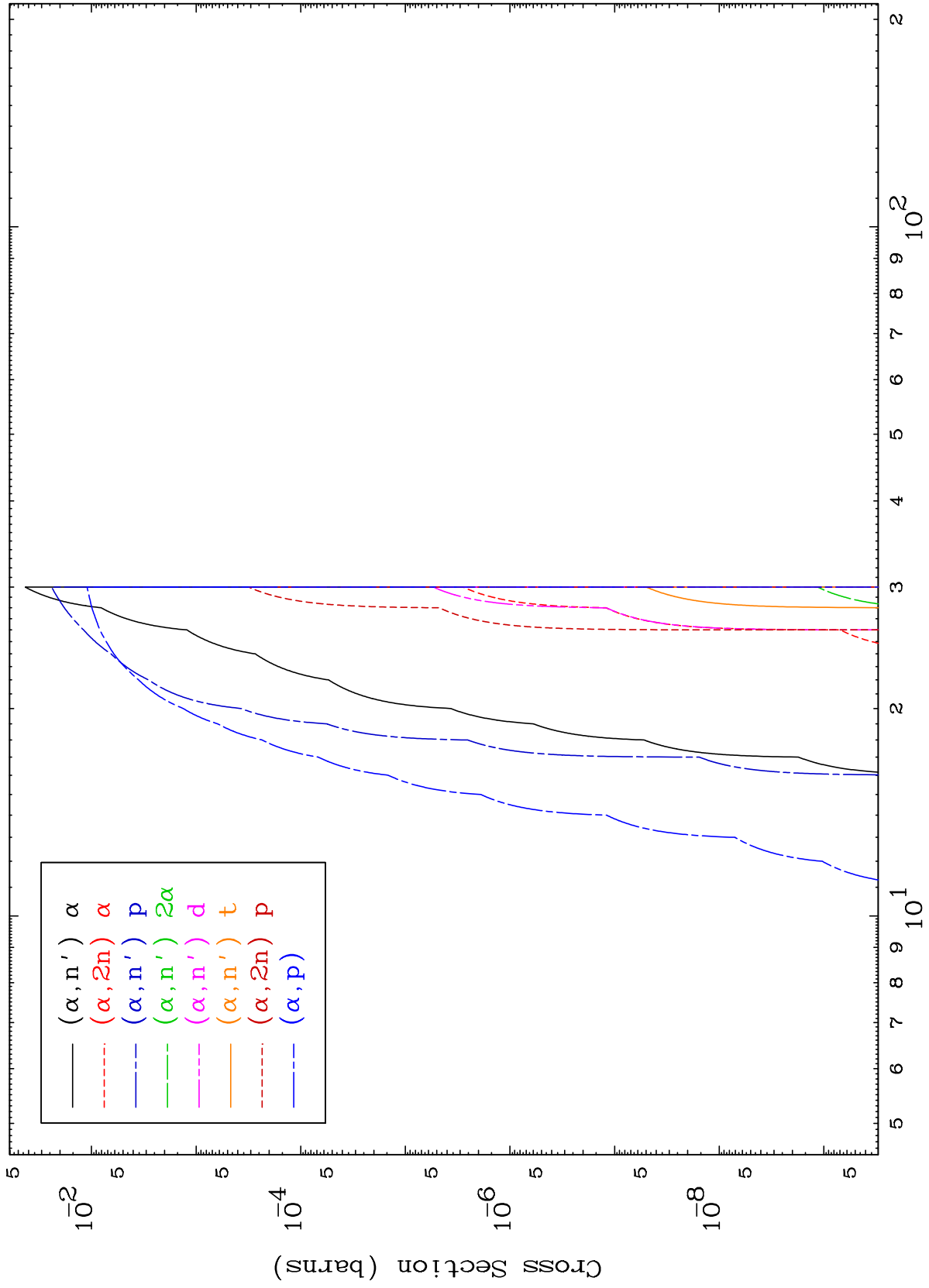
71-Lu-168

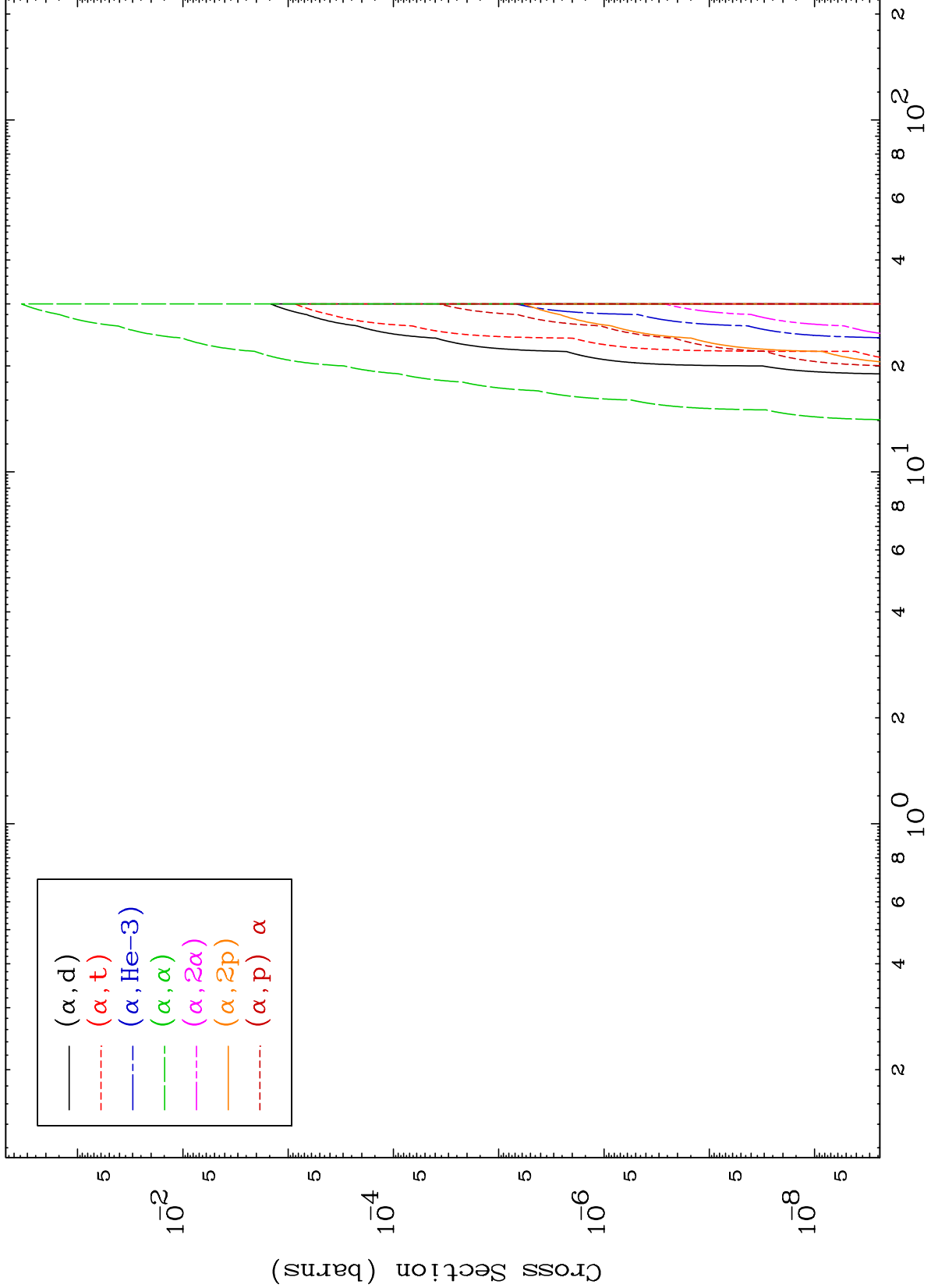


Incident Energy (MeV)

71-Lu-168

2

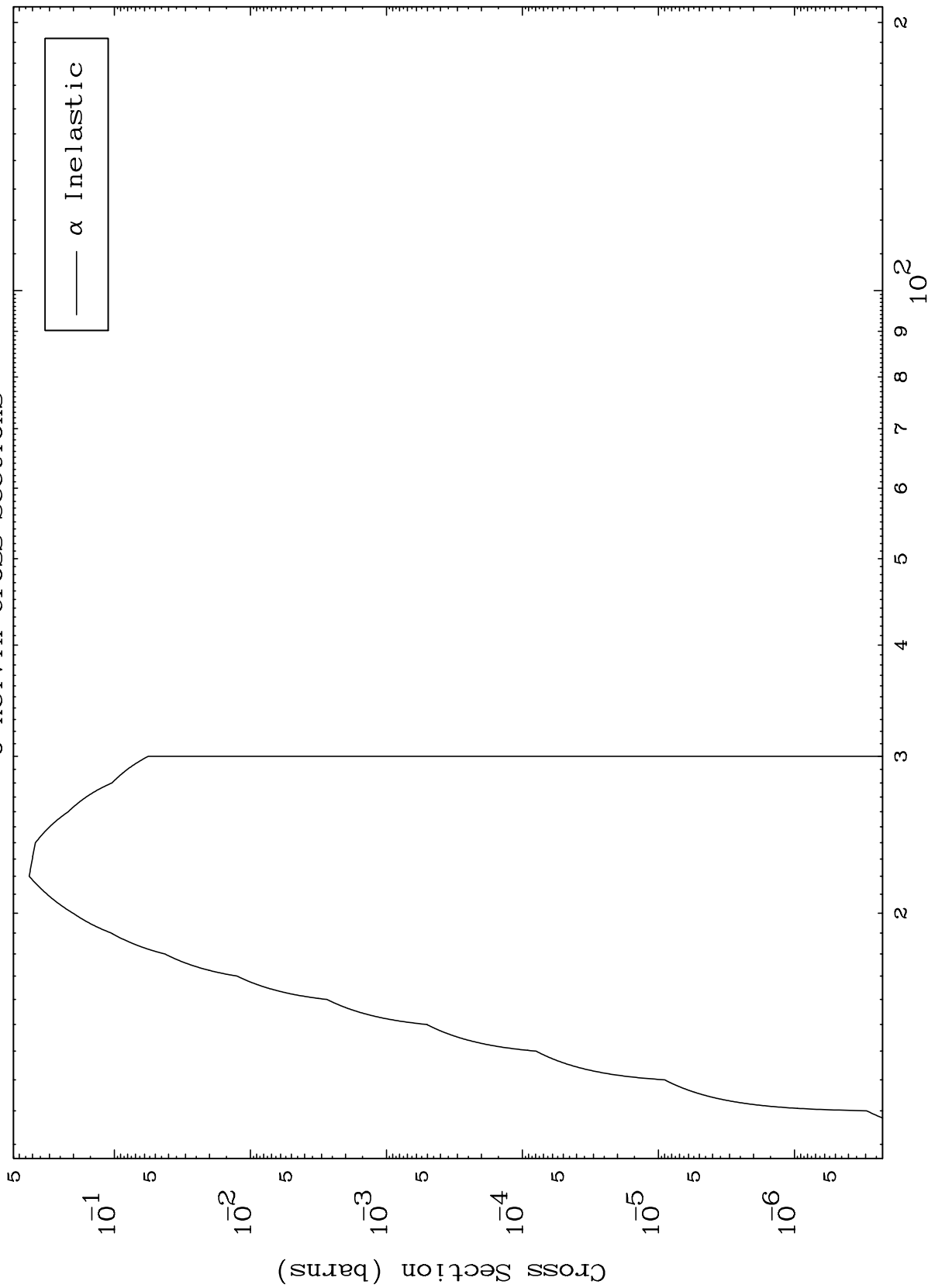




MAT 7105

71-Lu-168

(α, n') Level
0 Kelvin Cross Sections



71-Lu-168

Incident Energy (MeV)

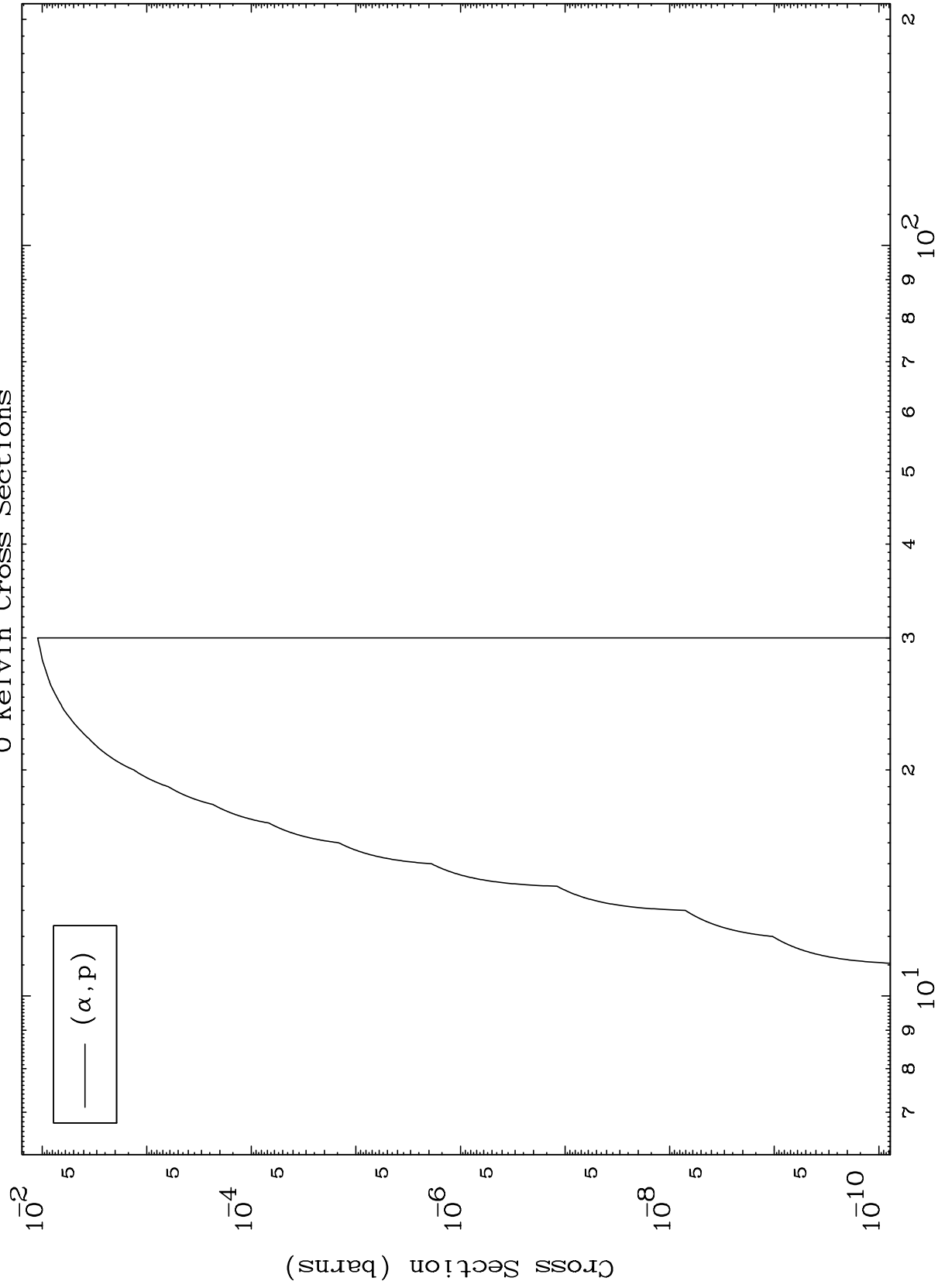
5

MAT 7105

(α, p) Levels

71-Lu-168

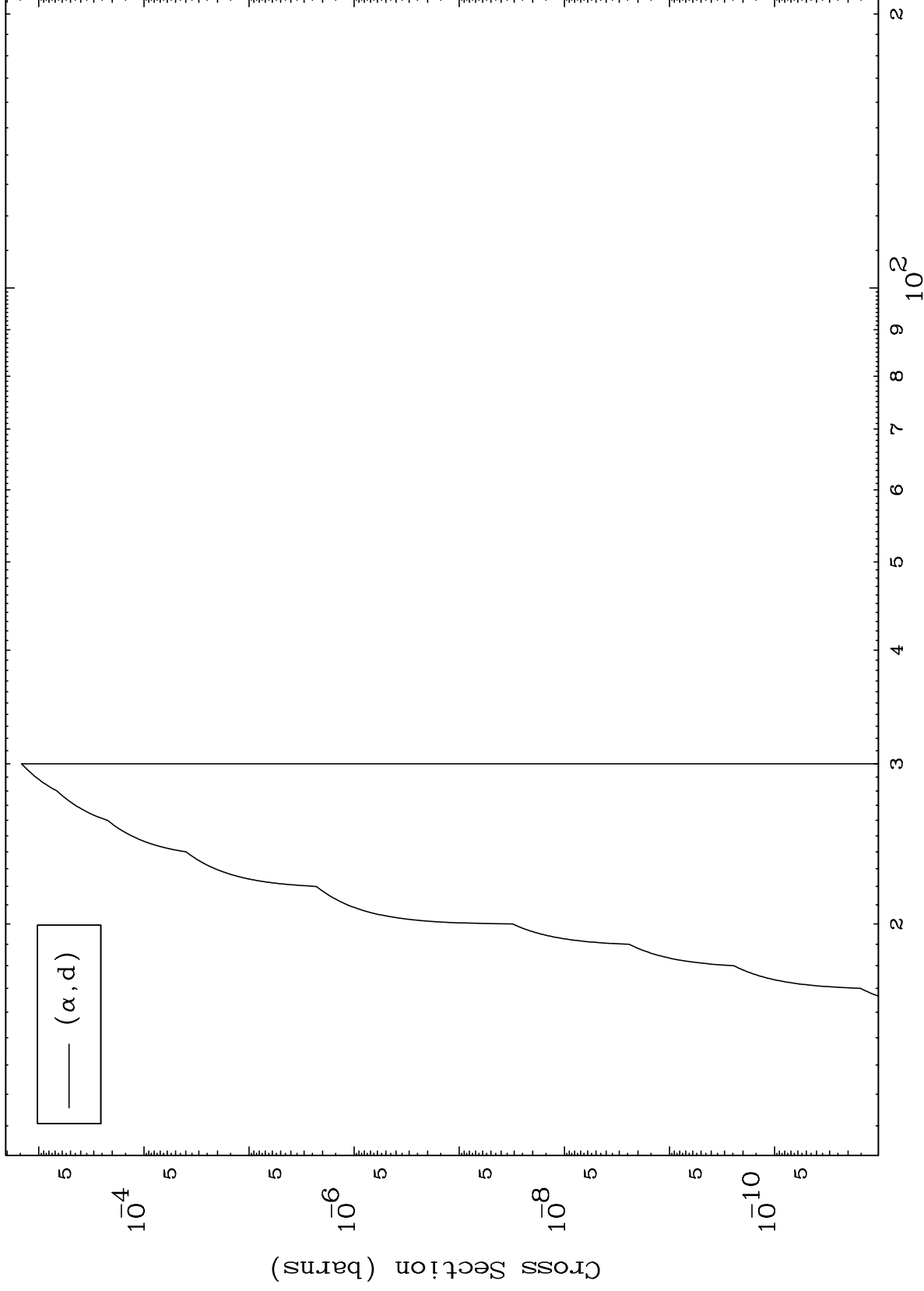
0 Kelvin Cross Sections

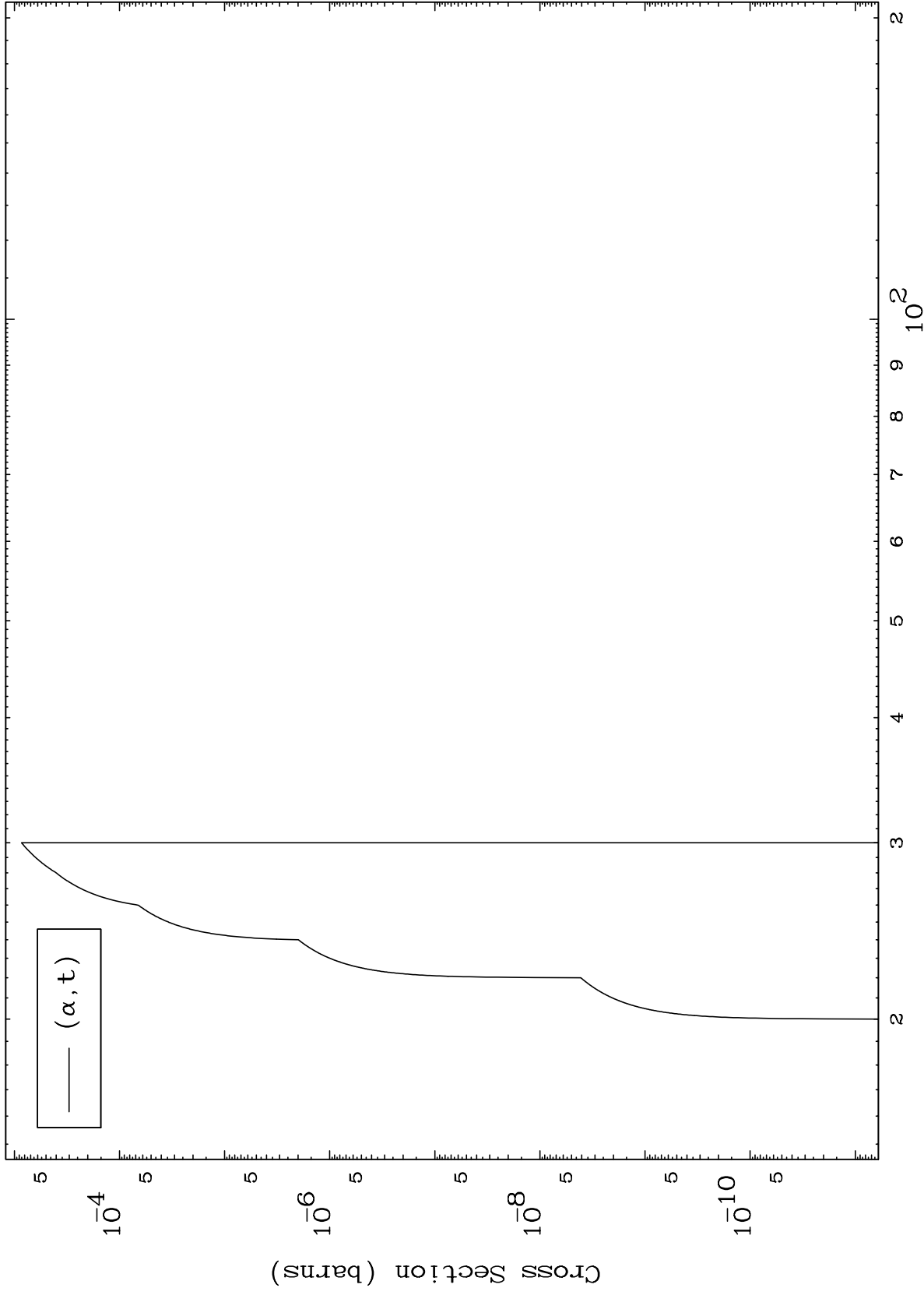


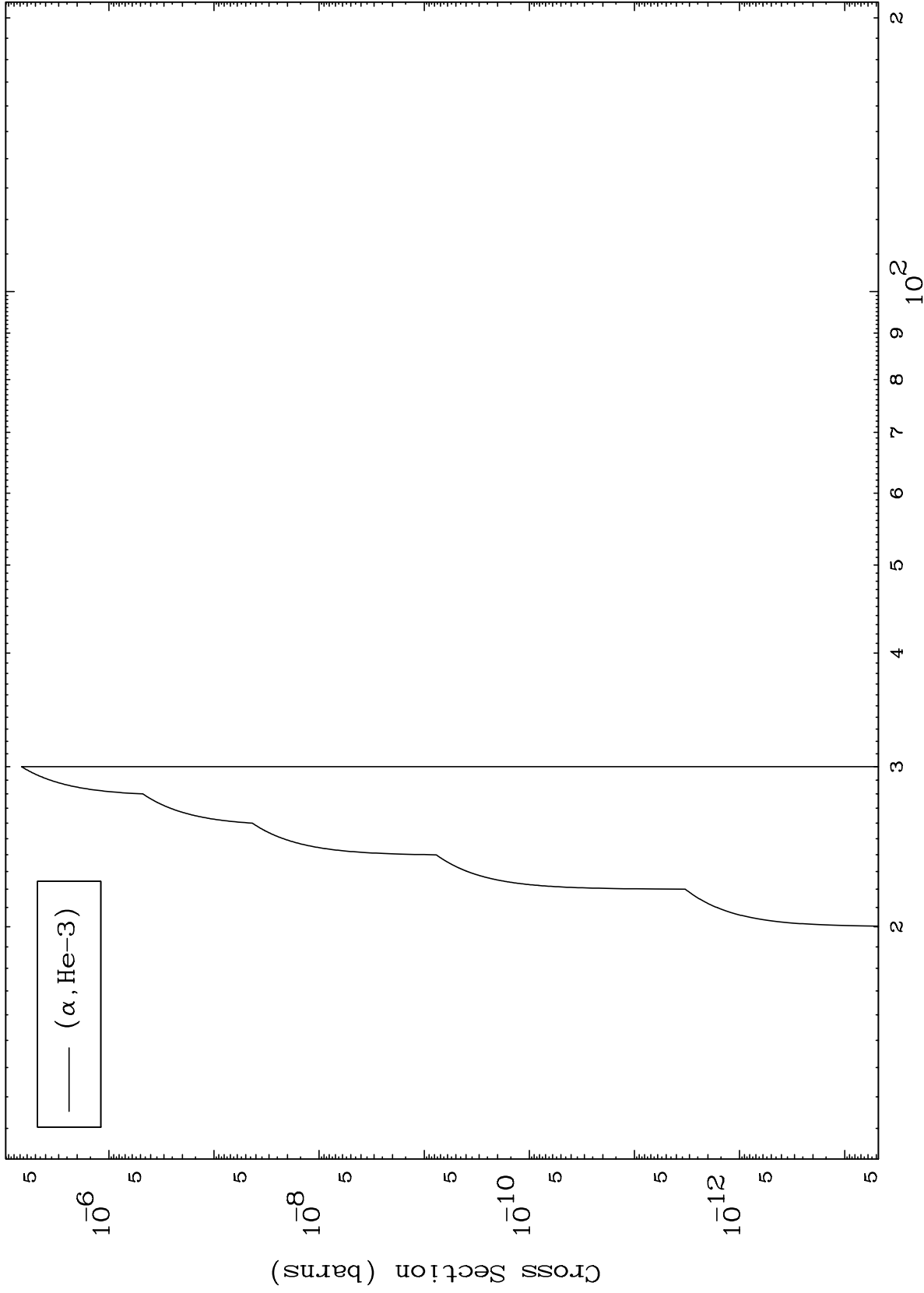
6

Incident Energy (MeV)

71-Lu-168





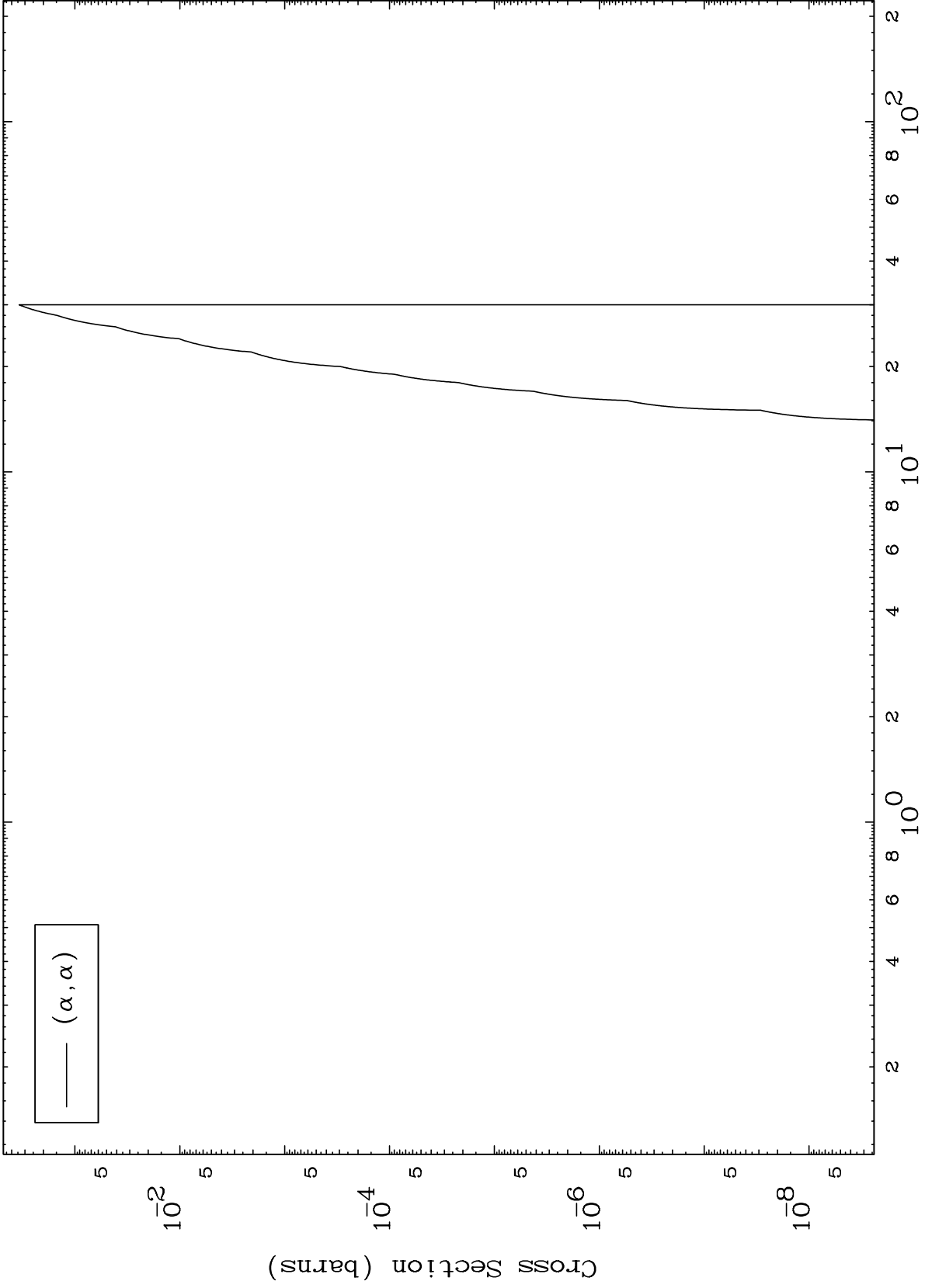


MAT 7105

(α, α) Levels

71-Lu-168

0 Kelvin Cross Sections



(α, α)

10

Incident Energy (MeV)

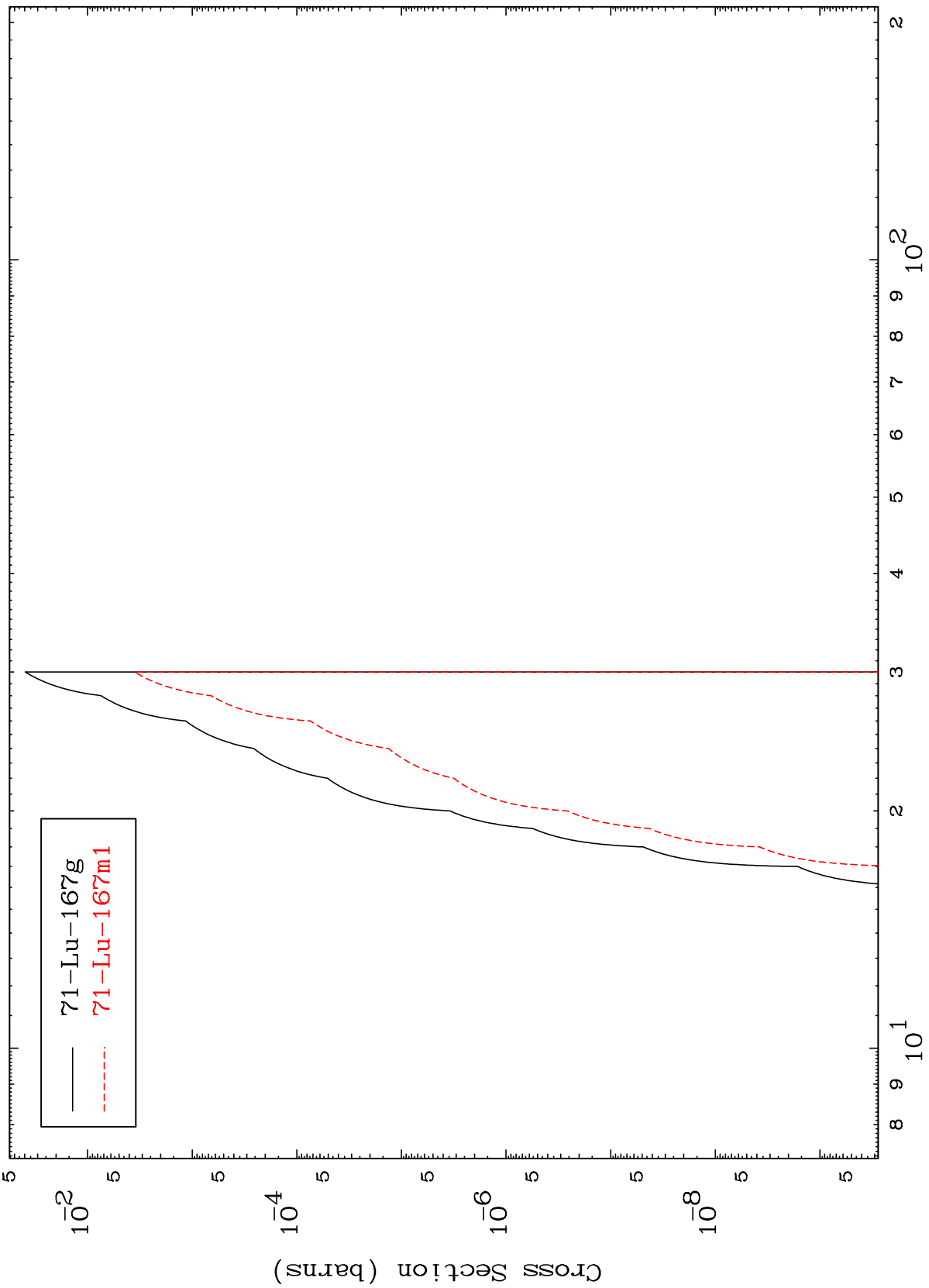
71-Lu-168

MAT 7105

(α, n') α

$^{71}\text{Lu-168}$

Radionuclide Production Cross Section



$^{71}\text{Lu-167g}$
 $^{71}\text{Lu-167m1}$

11

Incident Energy (MeV)

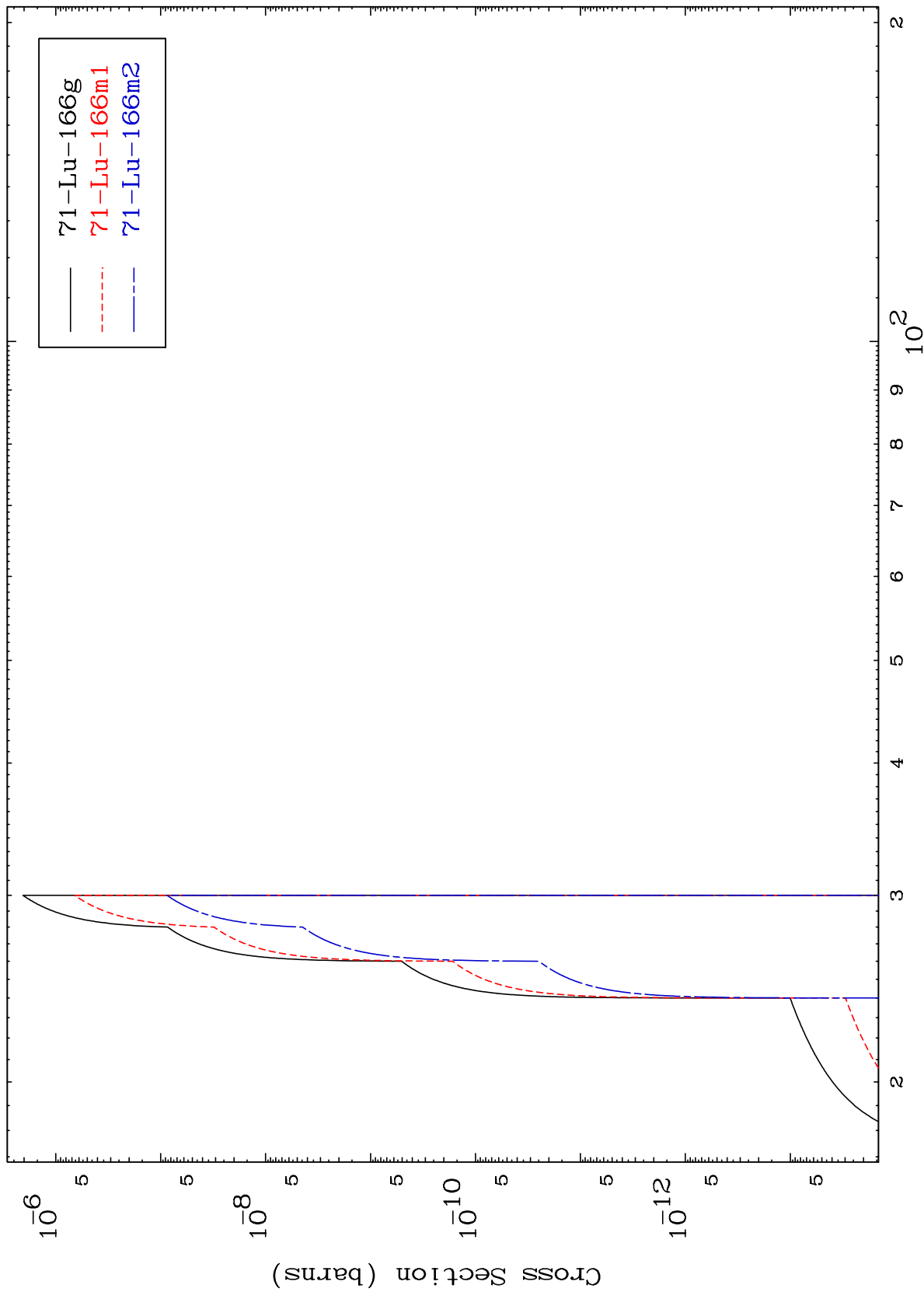
$^{71}\text{Lu-168}$

MAT 7105

$(\alpha, 2n) \alpha$

71-Lu-168

Radionuclide Production Cross Section



12

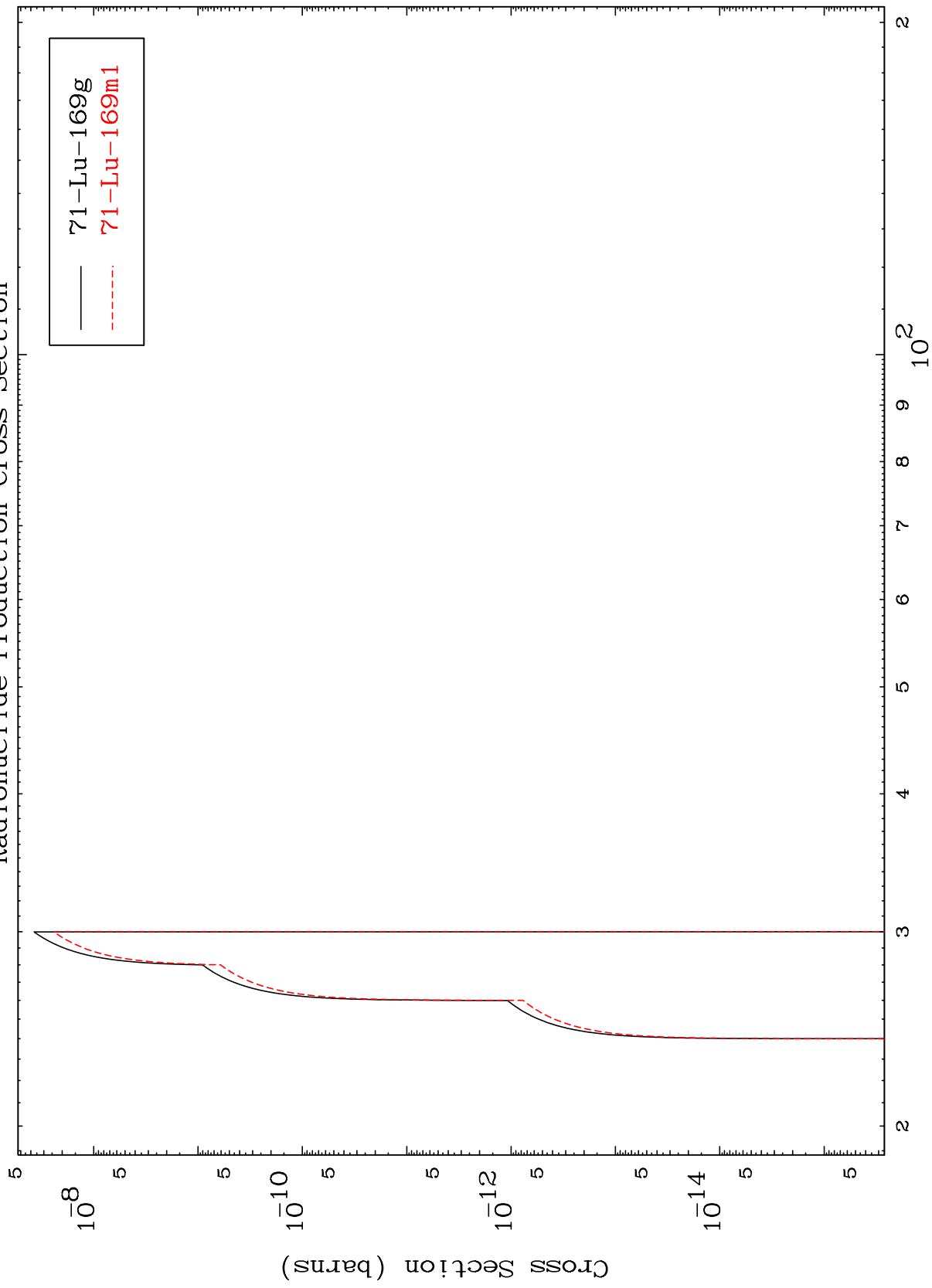
Incident Energy (MeV)

71-Lu-168

MAT 7105

71-Lu-168

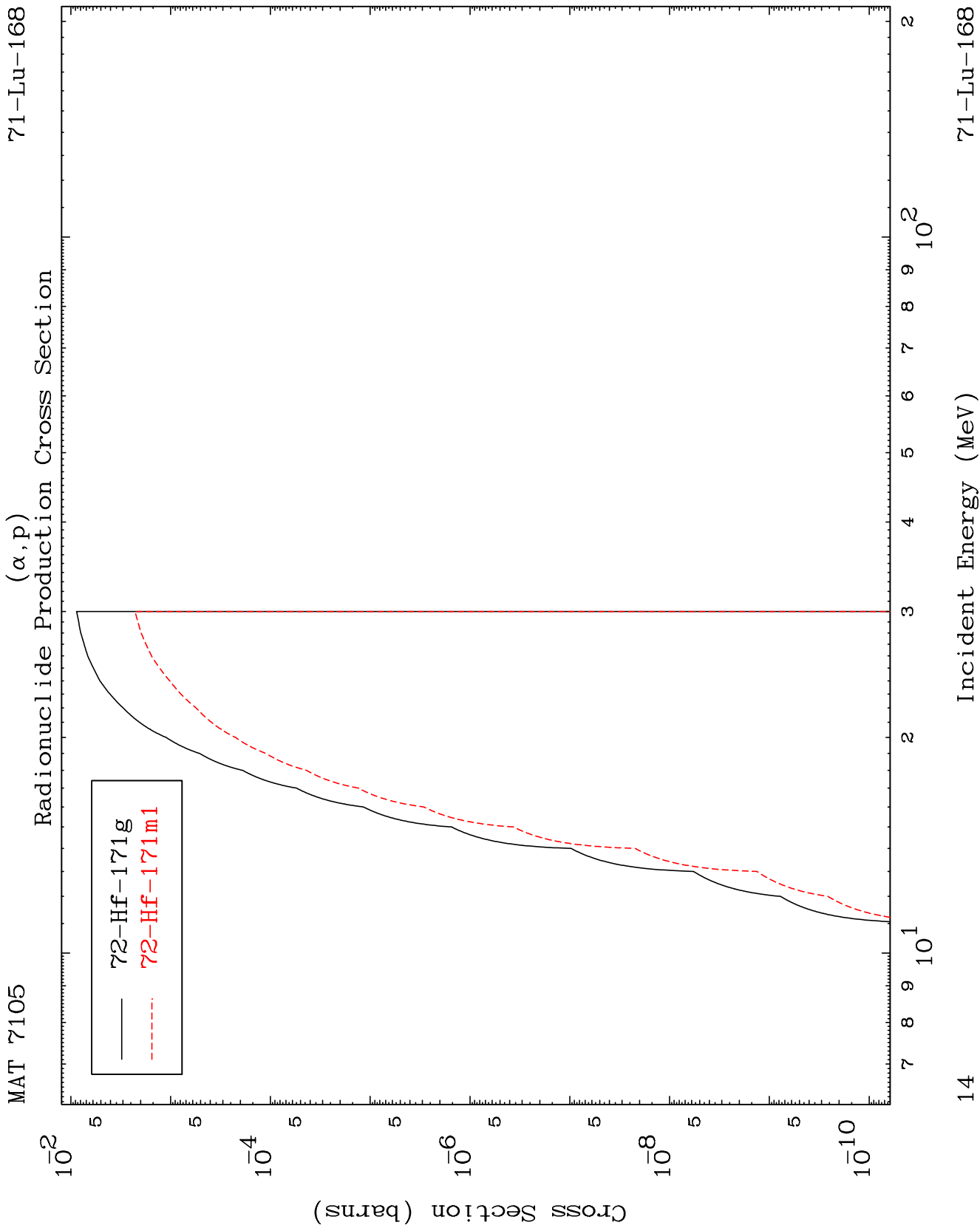
$(\alpha, 2n)$ p
Radionuclide Production Cross Section



13

Incident Energy (MeV)

71-Lu-168

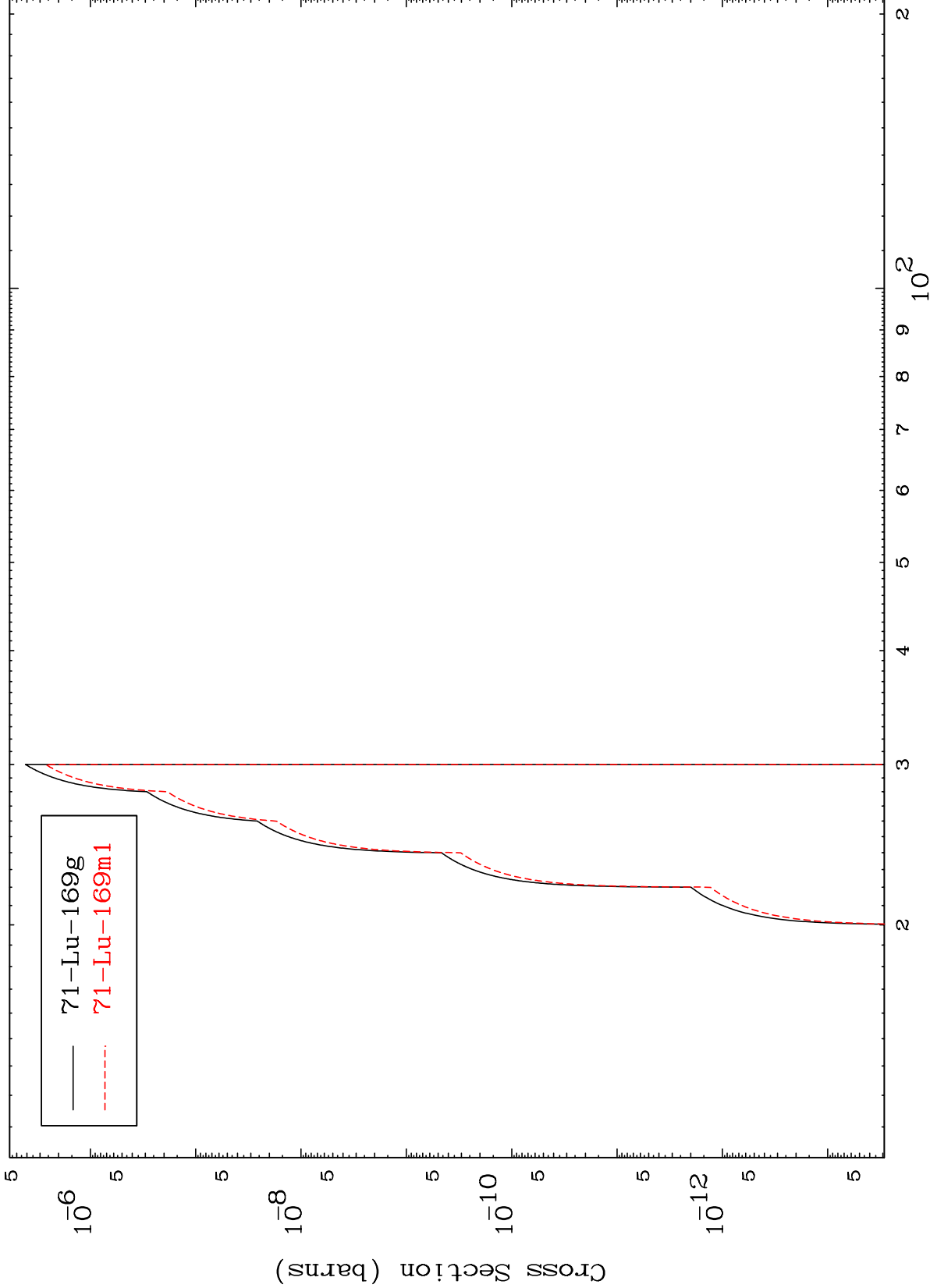


MAT 7105

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

71-Lu-168

Radionuclide Production Cross Section



15

Incident Energy (MeV)

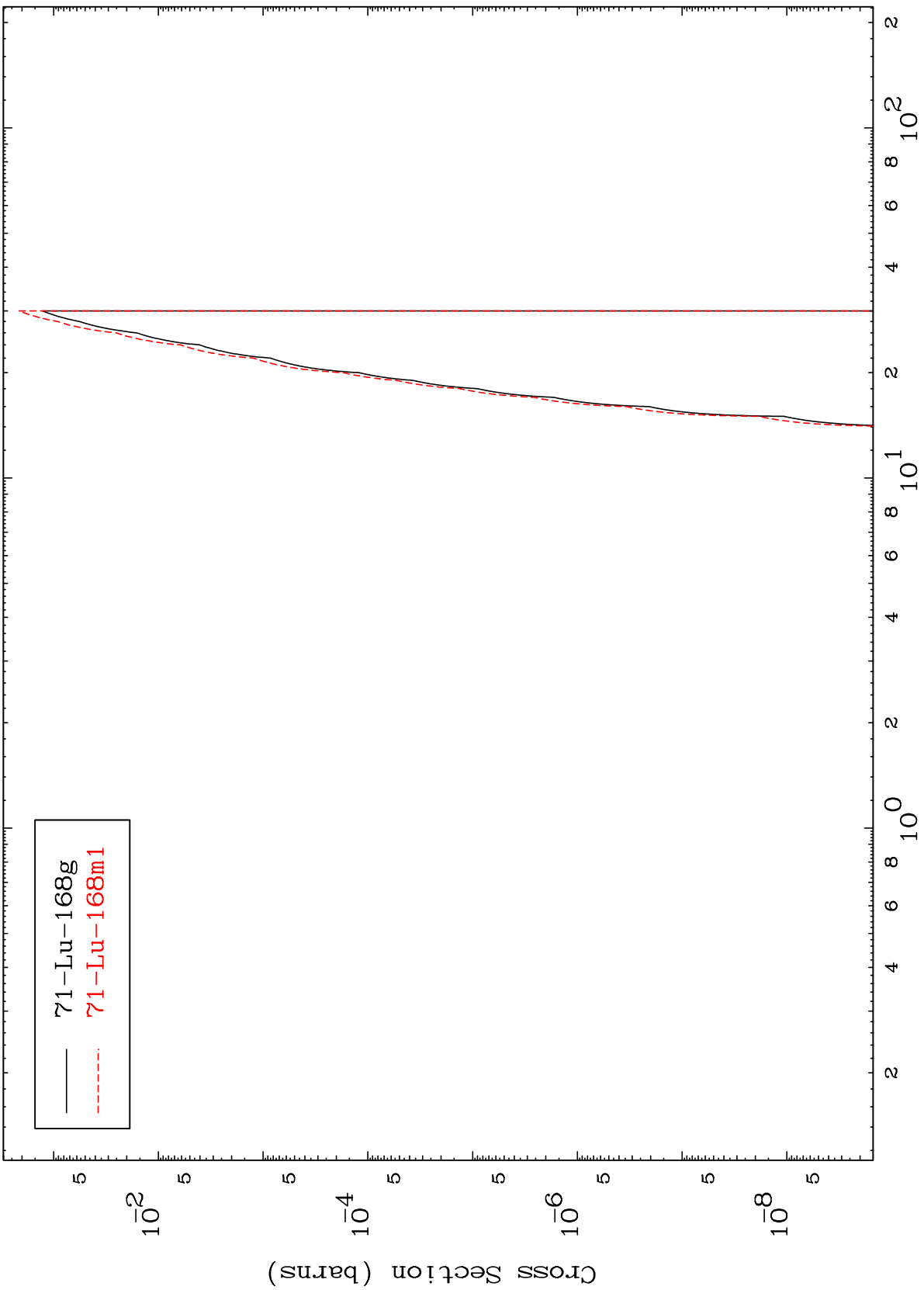
71-Lu-168

MAT 7105

(α, α)

⁷¹Lu-168

Radionuclide Production Cross Section



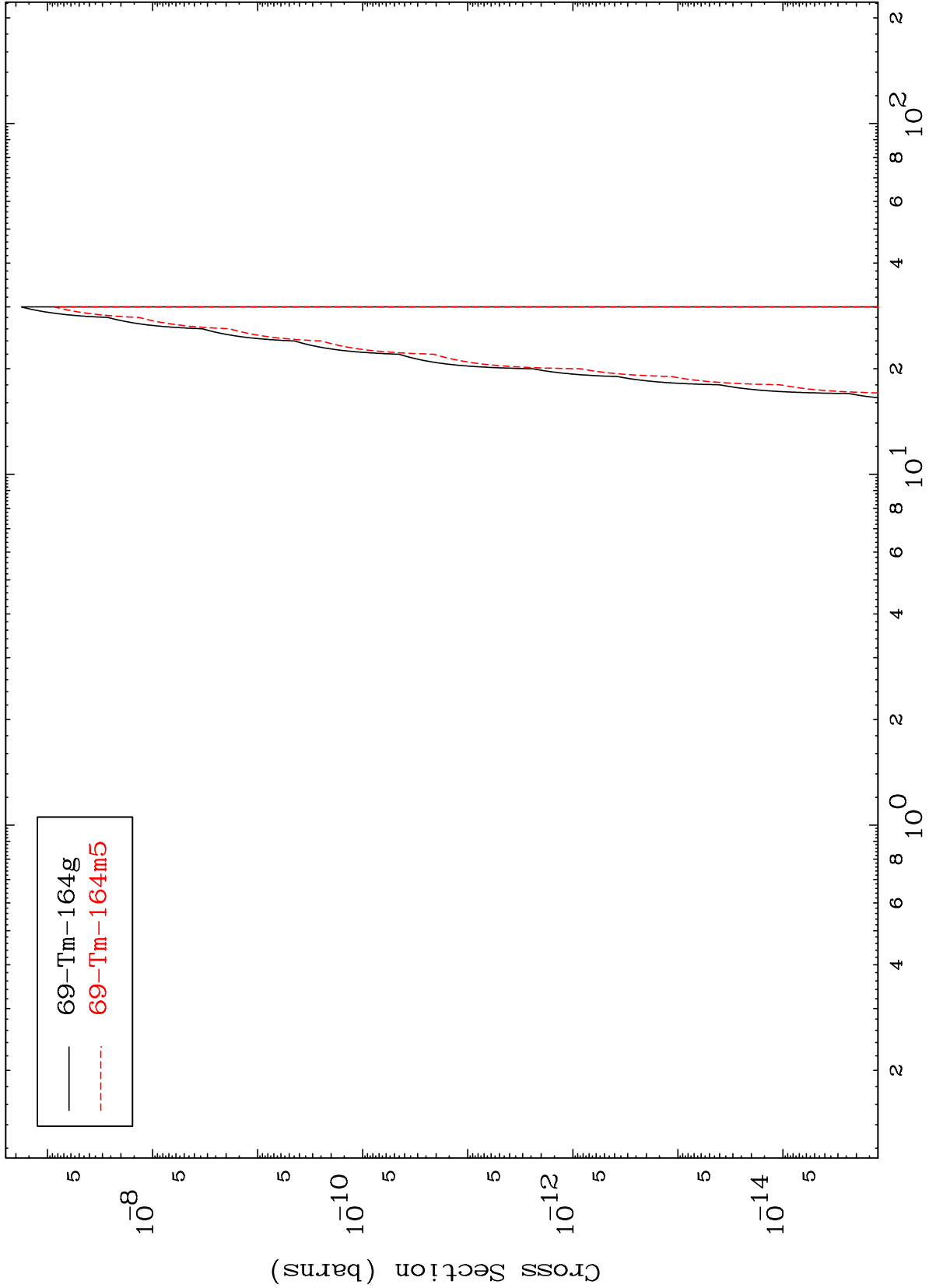
— ⁷¹Lu-168g
- - - ⁷¹Lu-168m1

MAT 7105

($\alpha, 2\alpha$)

71-Lu-168

Radionuclide Production Cross Section



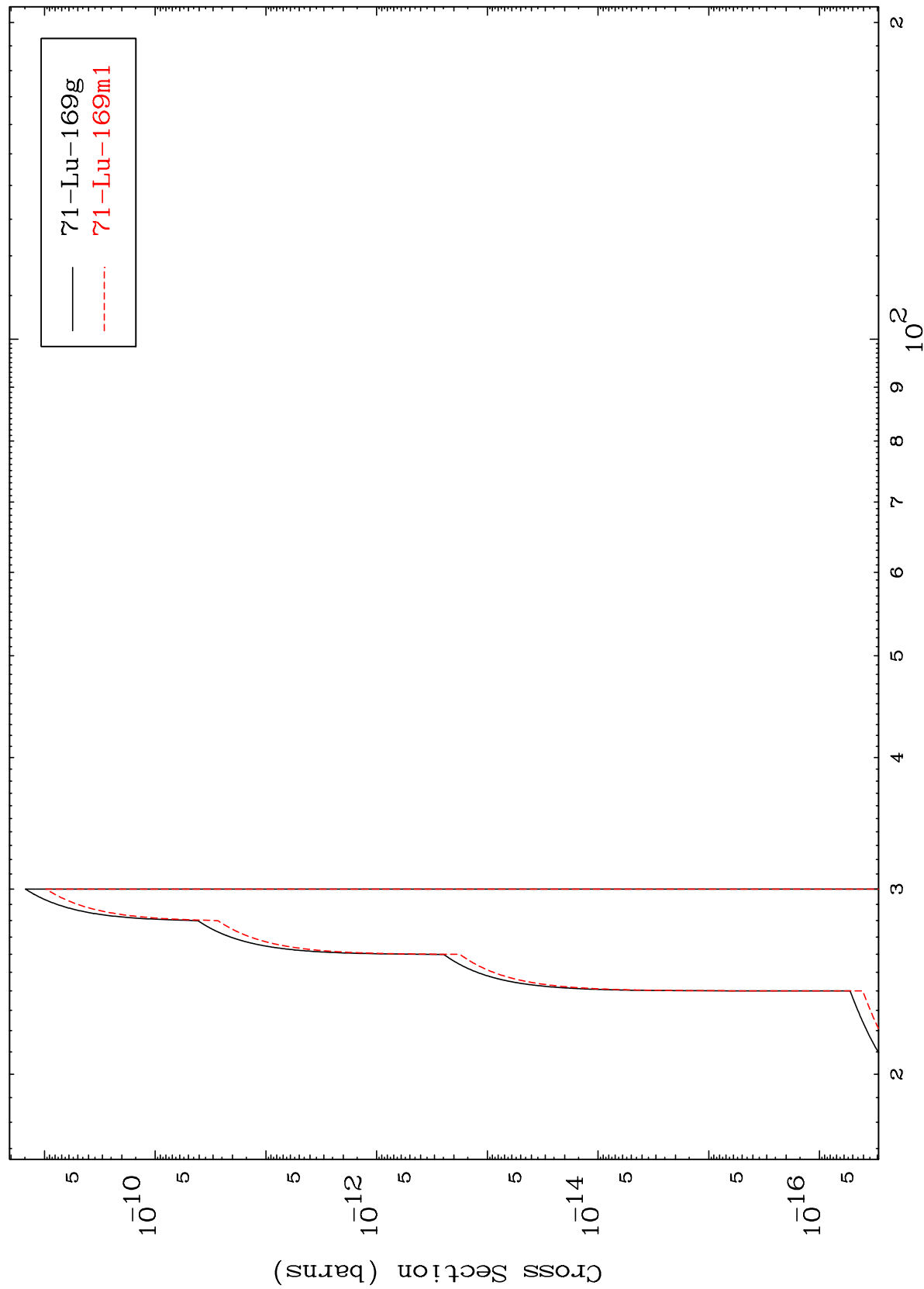
69-Tm-164g
69-Tm-164m5

MAT 7105

(α, p) d

71-Lu-168

Radionuclide Production Cross Section



19

Incident Energy (MeV)

71-Lu-168