

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

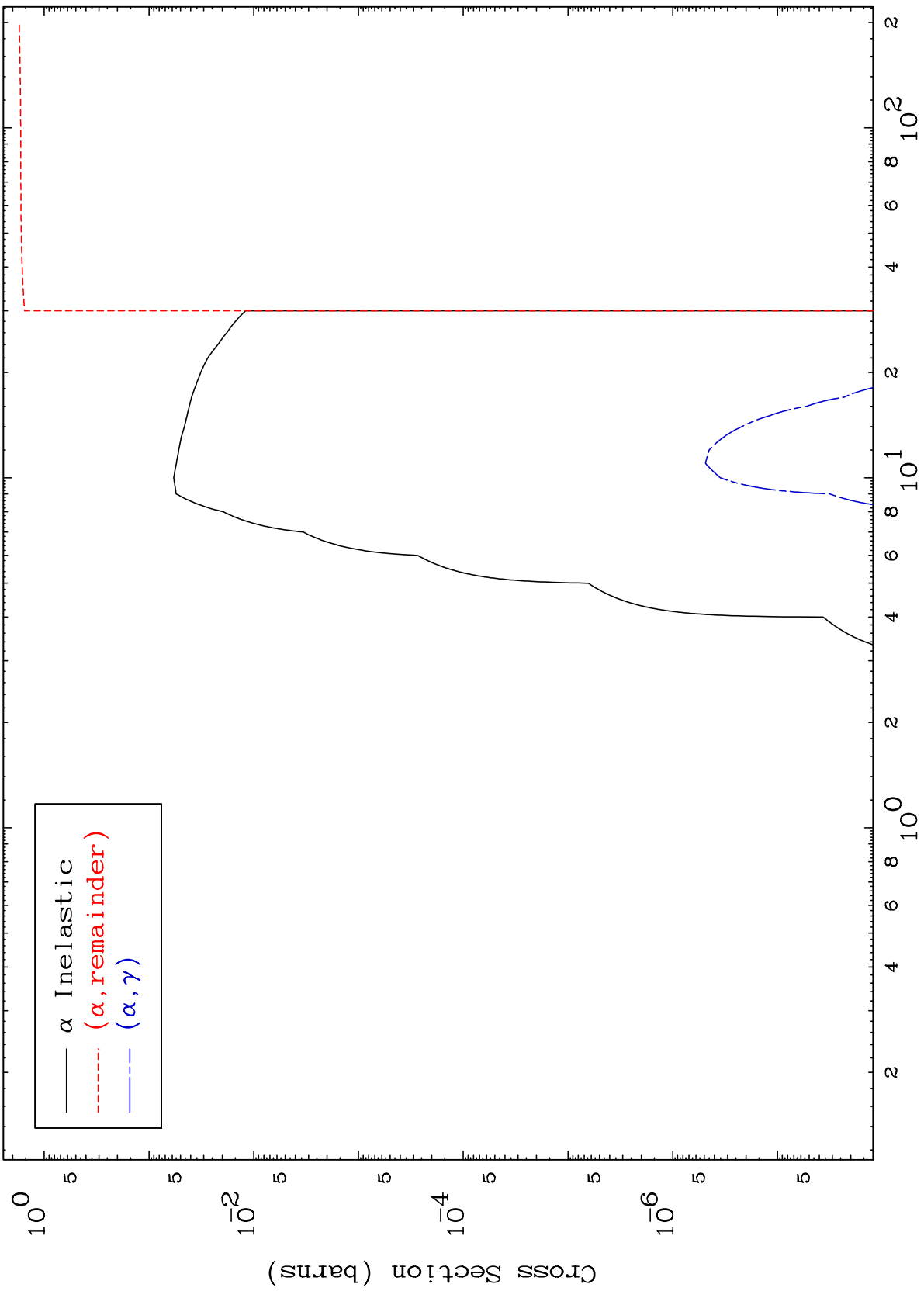
Press Mouse Button to Start

MAT 2864

α Major

28-Ni-71

0 Kelvin Cross Sections

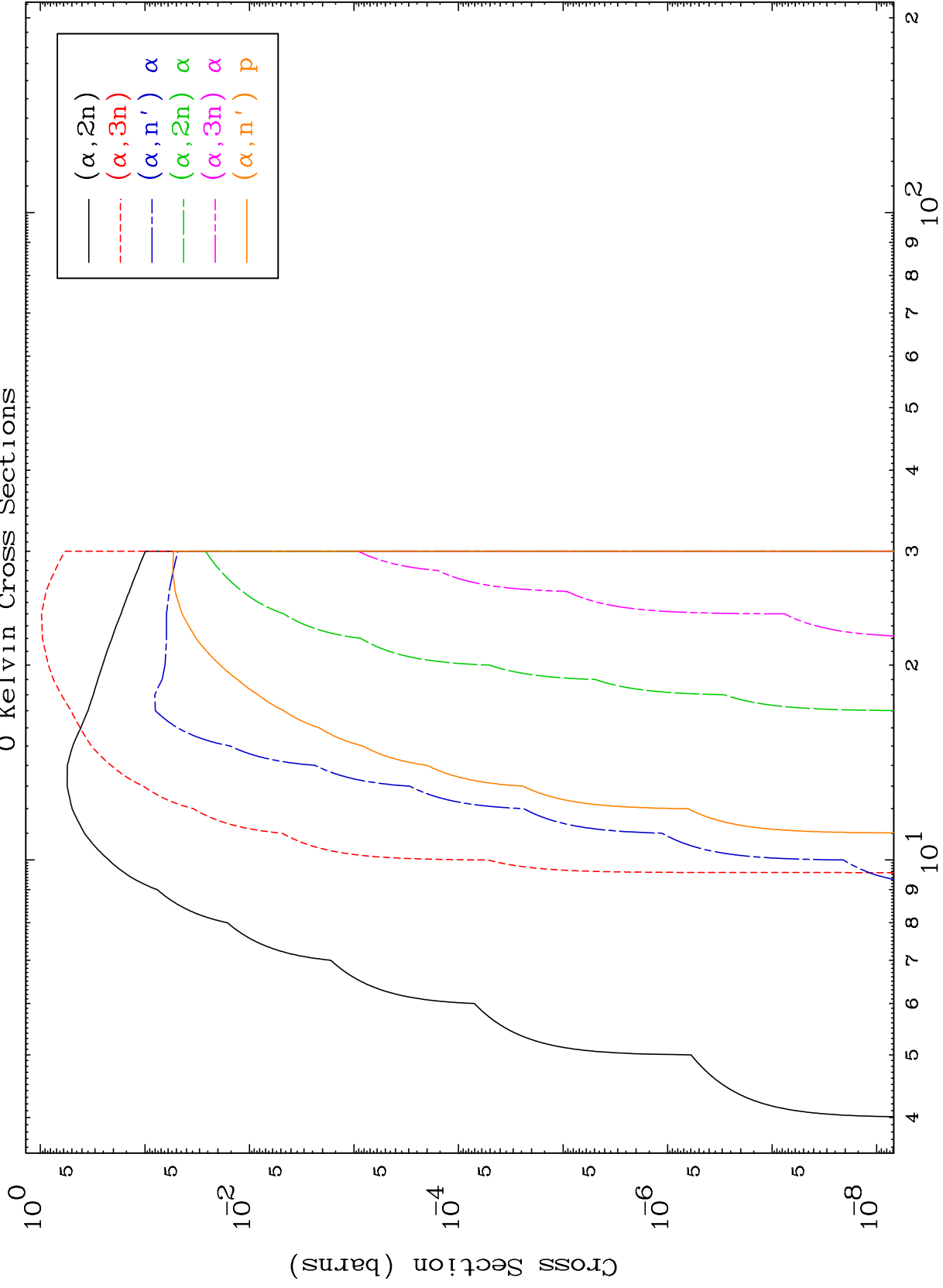


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 2864

α Neutron Production
0 Kelvin Cross Sections

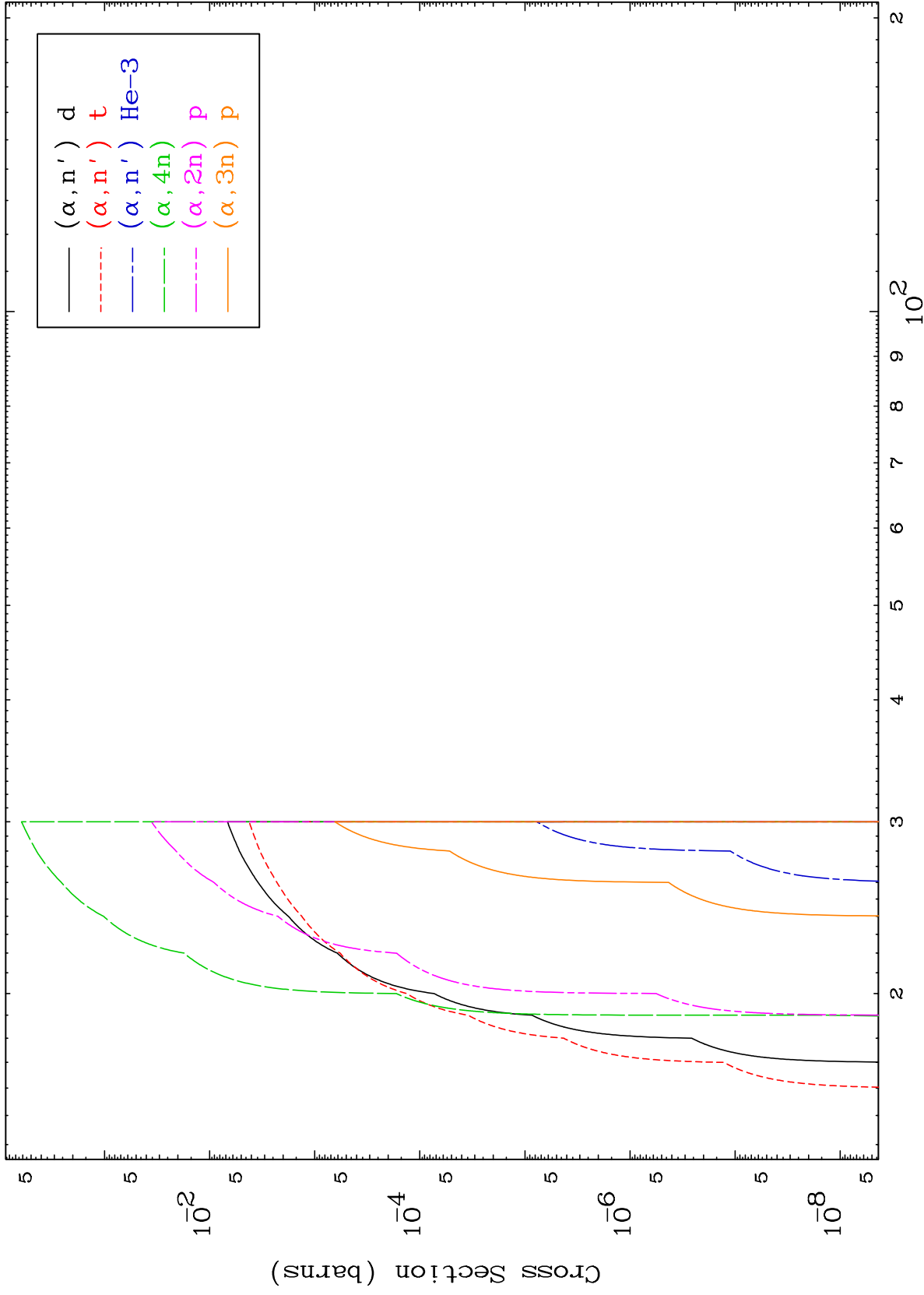
28-Ni-71

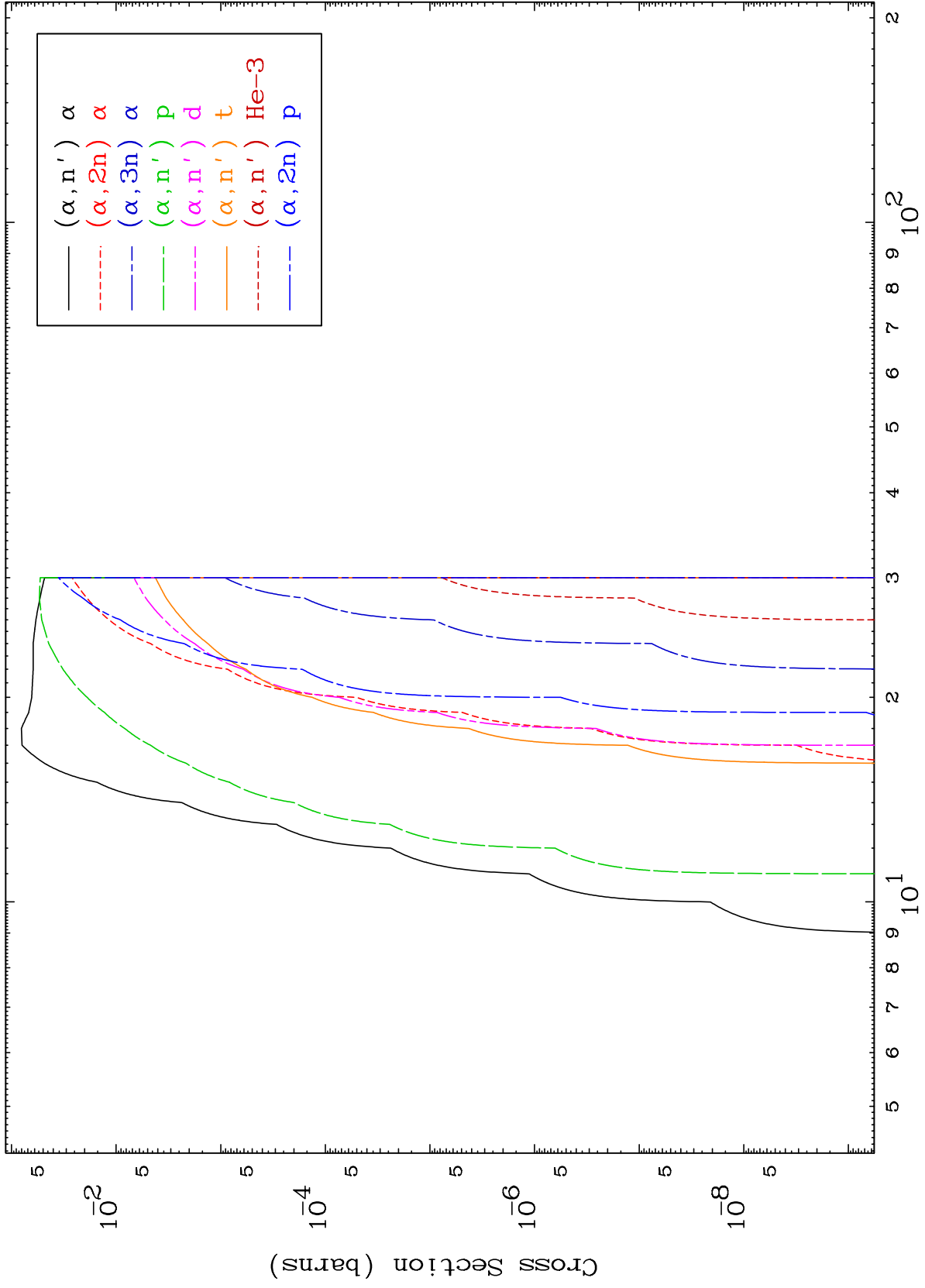


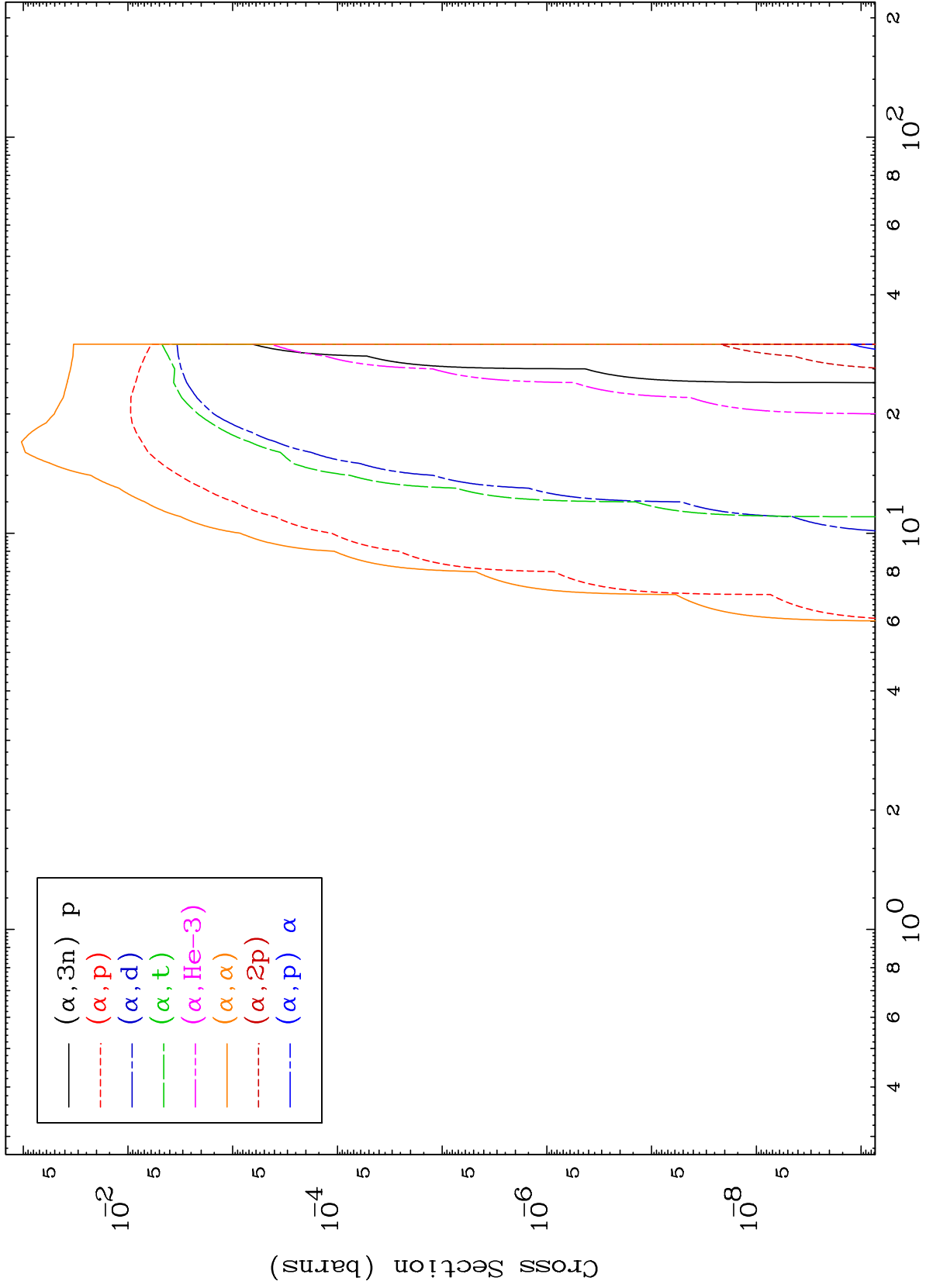
2

Incident Energy (MeV)

28-Ni-71





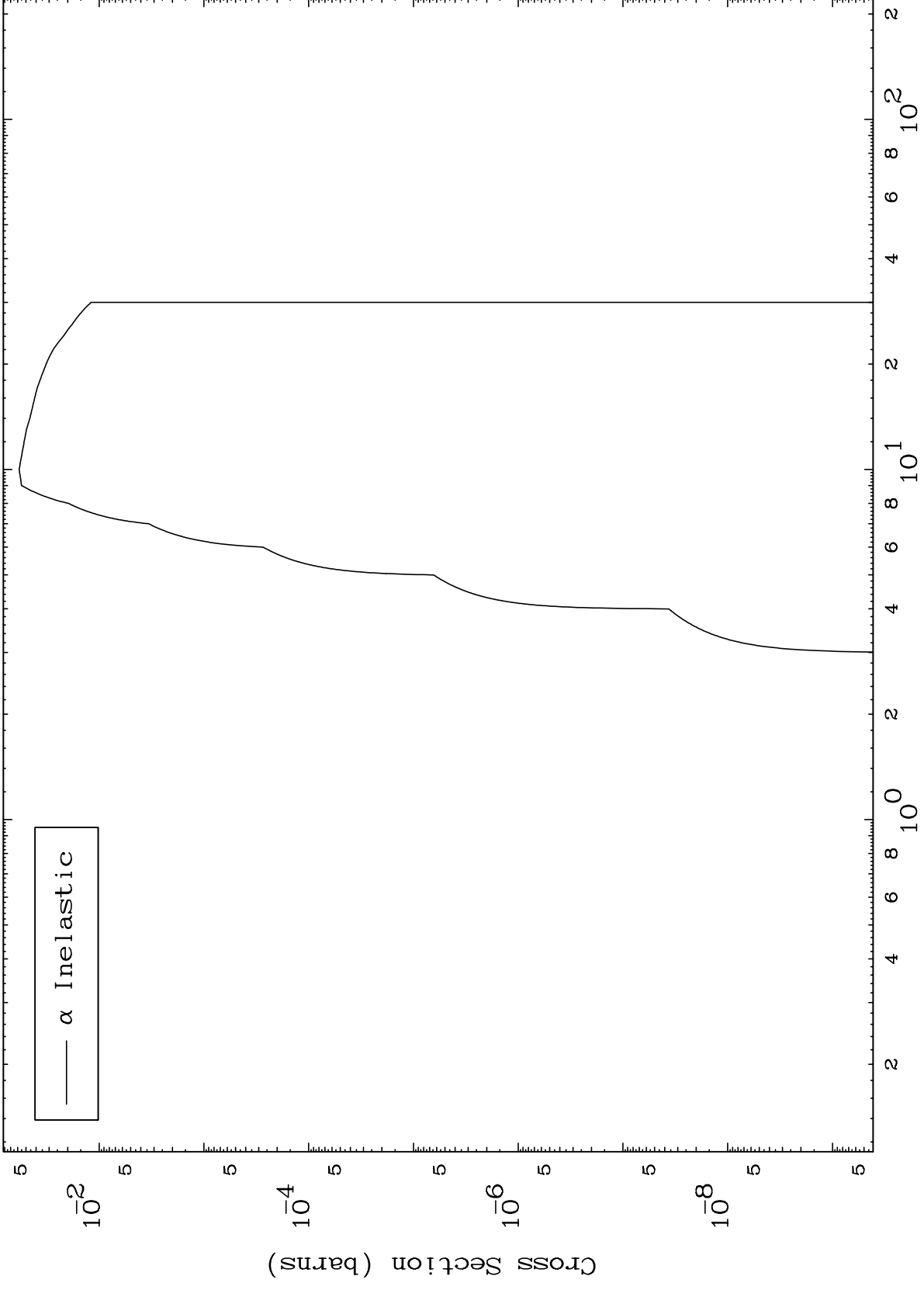


MAT 2864

(α, n') Level

28-Ni-71

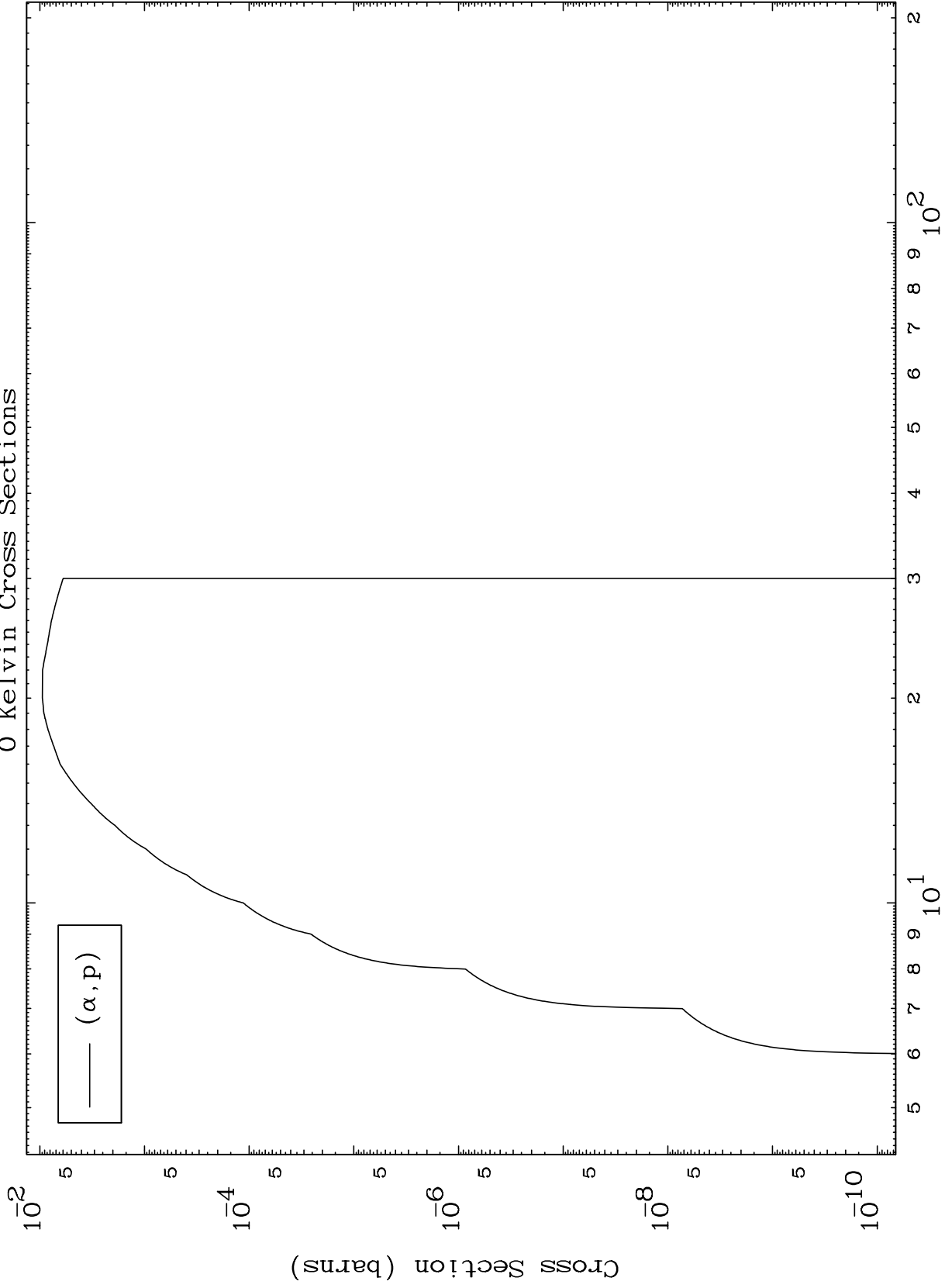
0 Kelvin Cross Sections



MAT 2864

(α, p) Levels
0 Kelvin Cross Sections

28-Ni-71



7

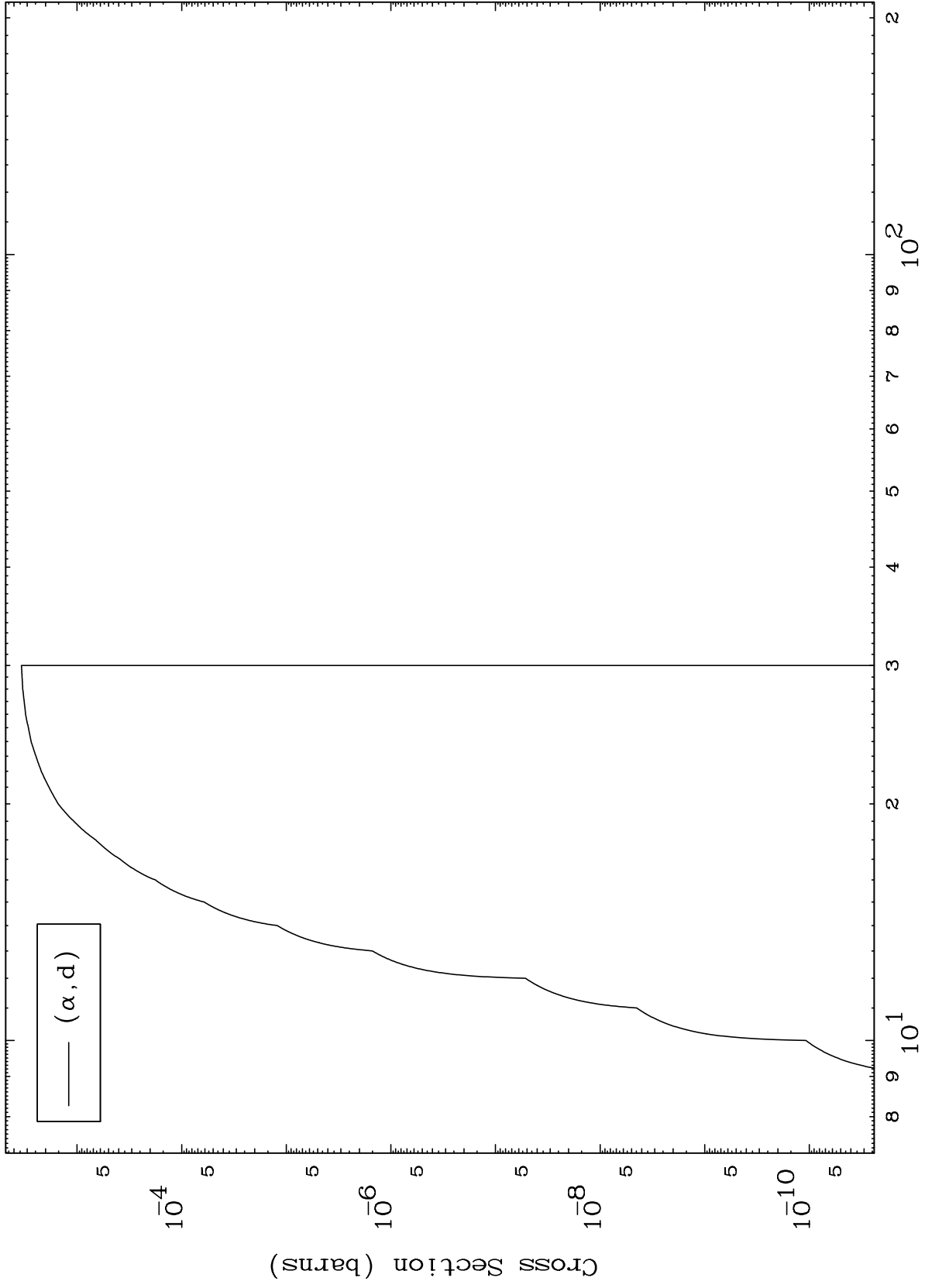
Incident Energy (MeV)

28-Ni-71

MAT 2864

(α, d) Levels
0 Kelvin Cross Sections

28-Ni-71



8

Incident Energy (MeV)

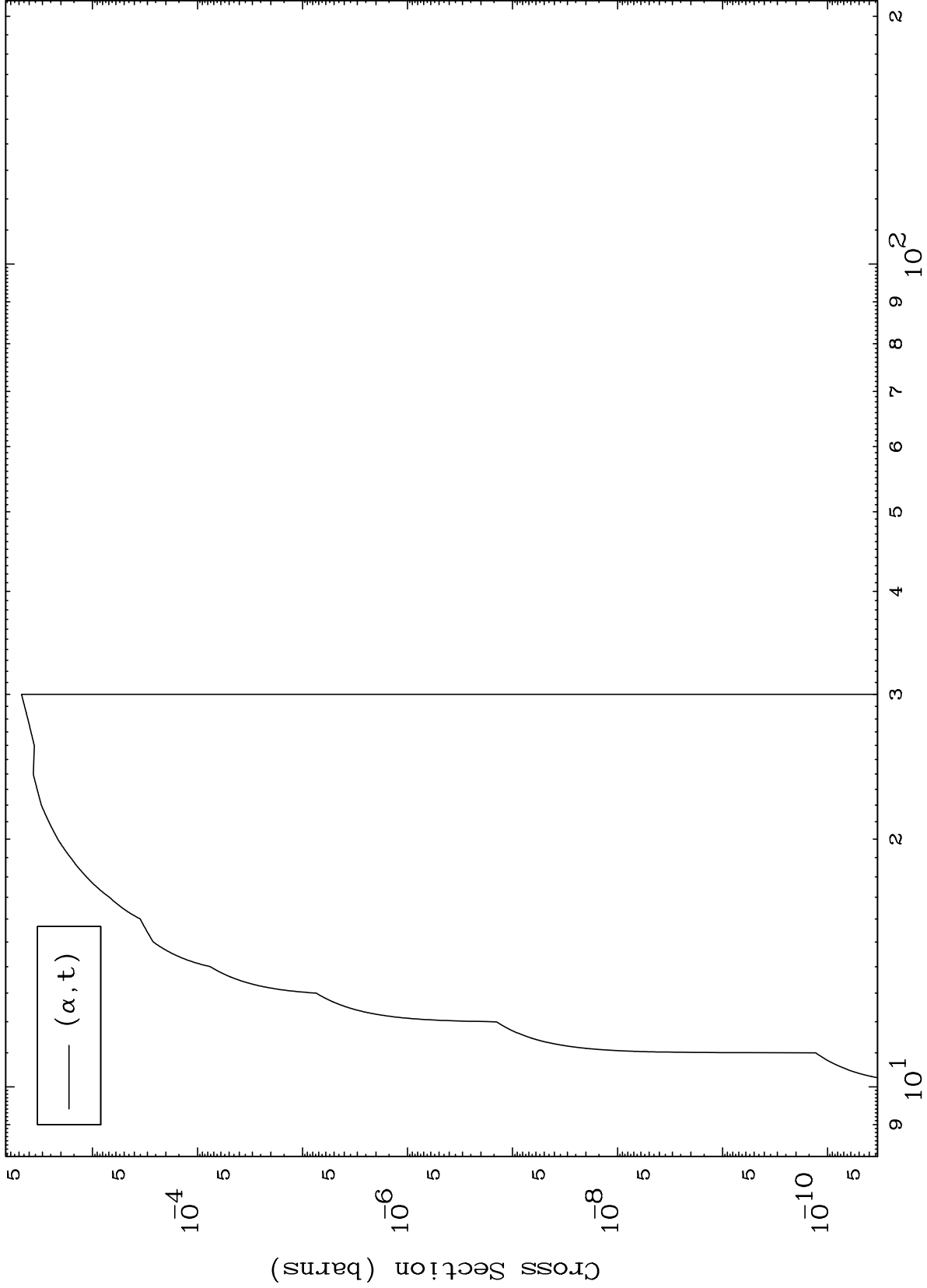
28-Ni-71

MAT 2864

(α, t) Levels

$^{28}\text{Ni}-71$

0 Kelvin Cross Sections



Incident Energy (MeV)

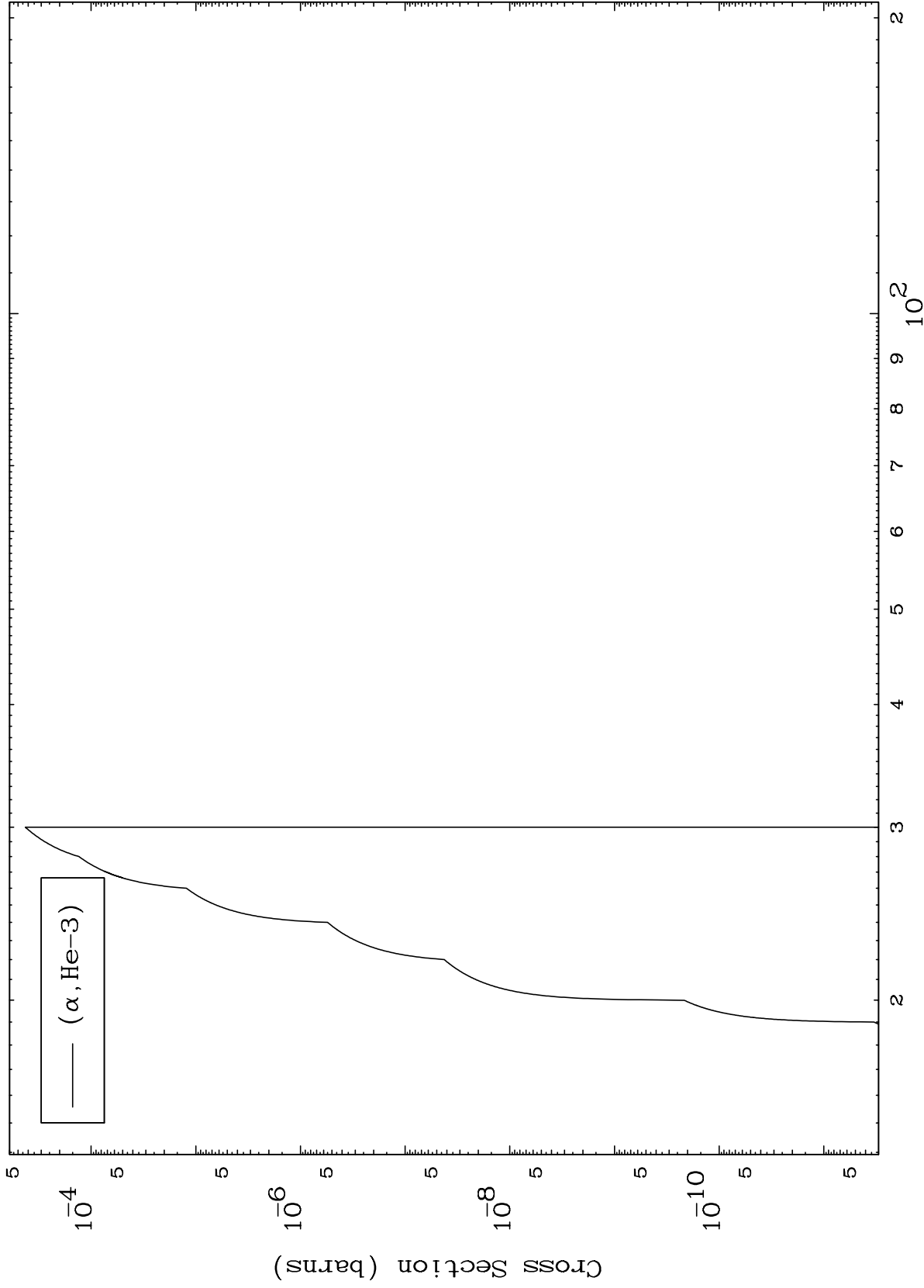
$^{28}\text{Ni}-71$

9

MAT 2864

(α ,He3) Levels
0 Kelvin Cross Sections

28-Ni-71



10

Incident Energy (MeV)

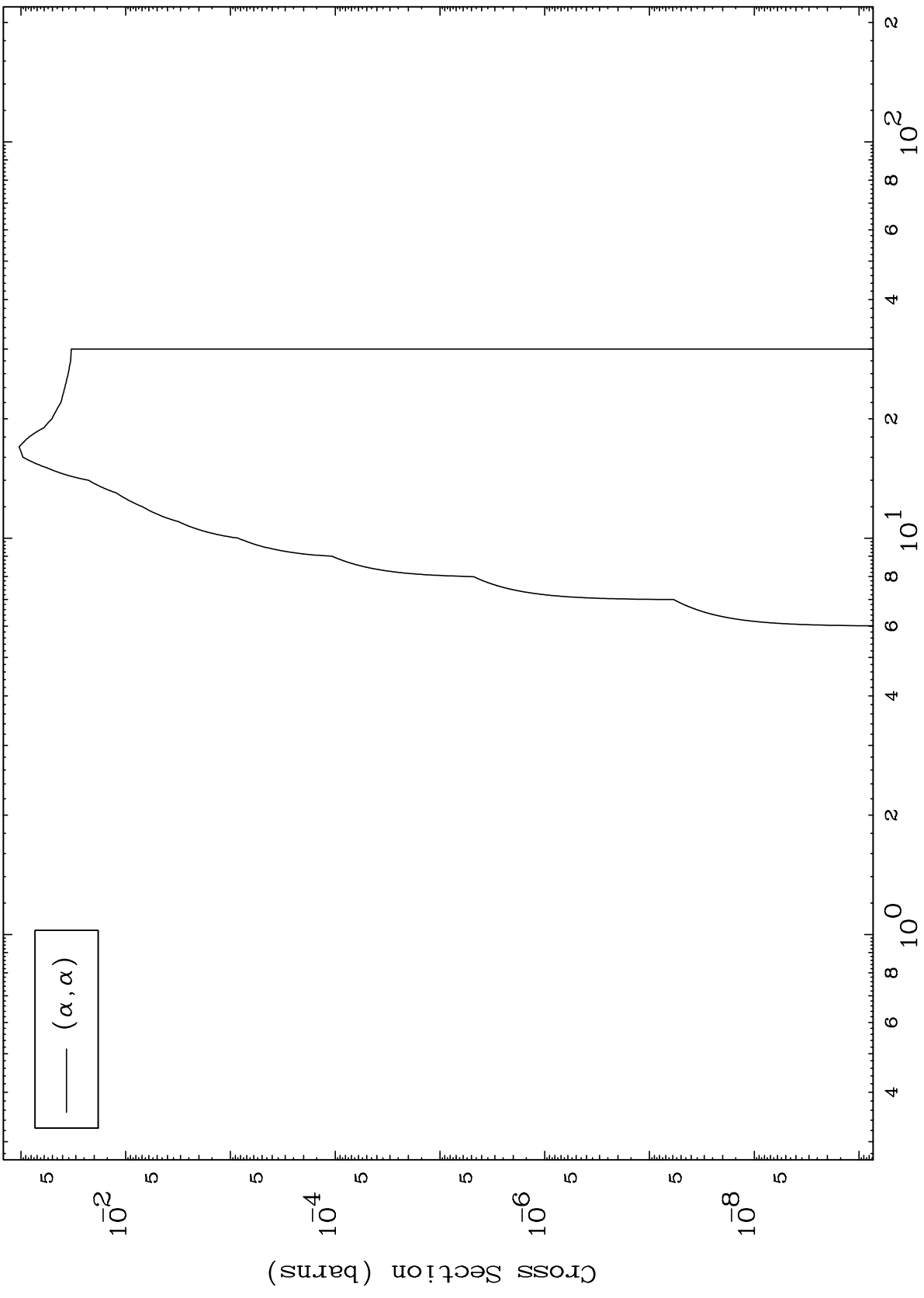
28-Ni-71

MAT 2864

(α, α) Levels

28-Ni-71

0 Kelvin Cross Sections

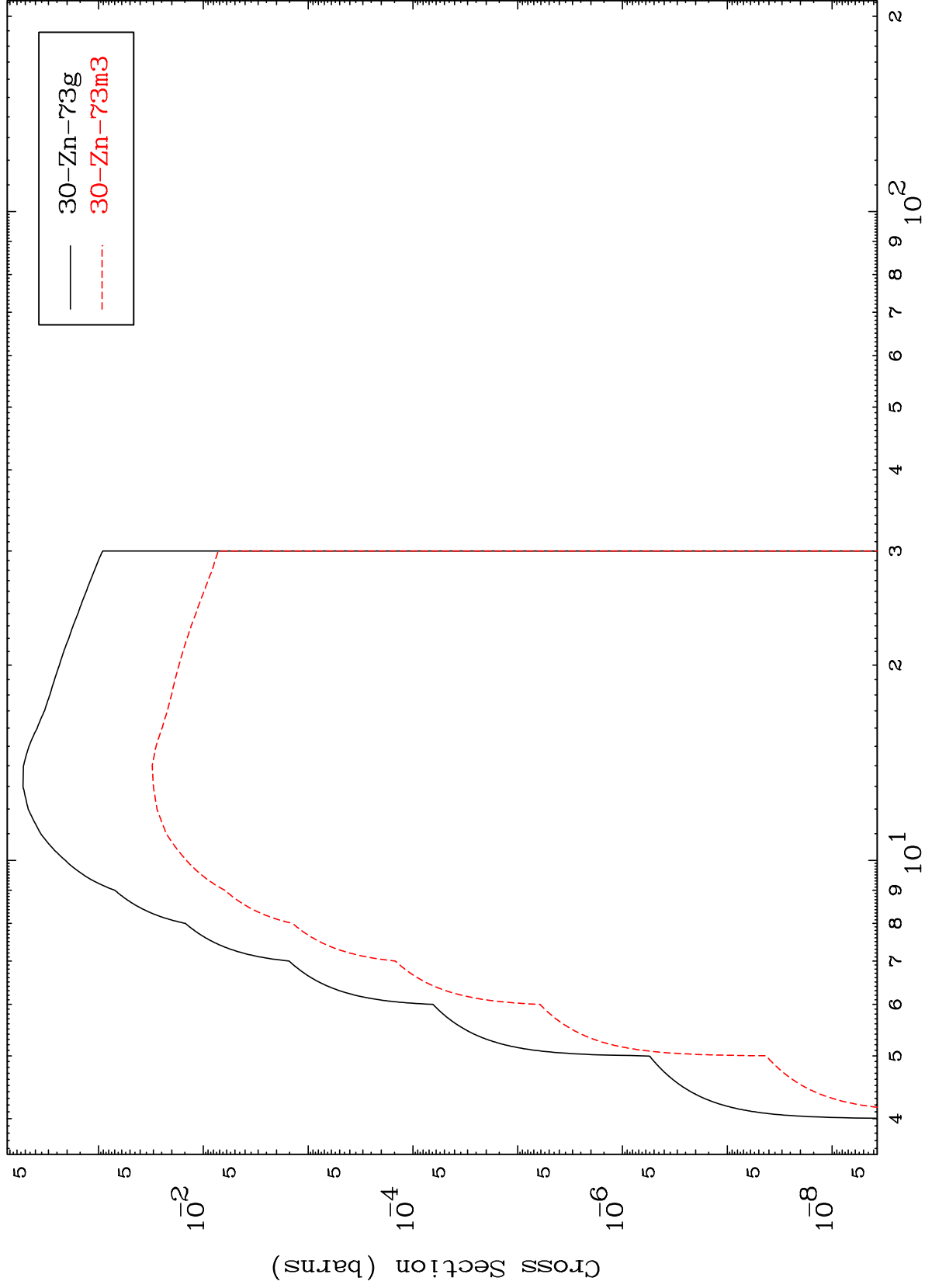


MAT 2864

($\alpha, 2n$)

28-Ni-71

Radionuclide Production Cross Section



12

Incident Energy (MeV)

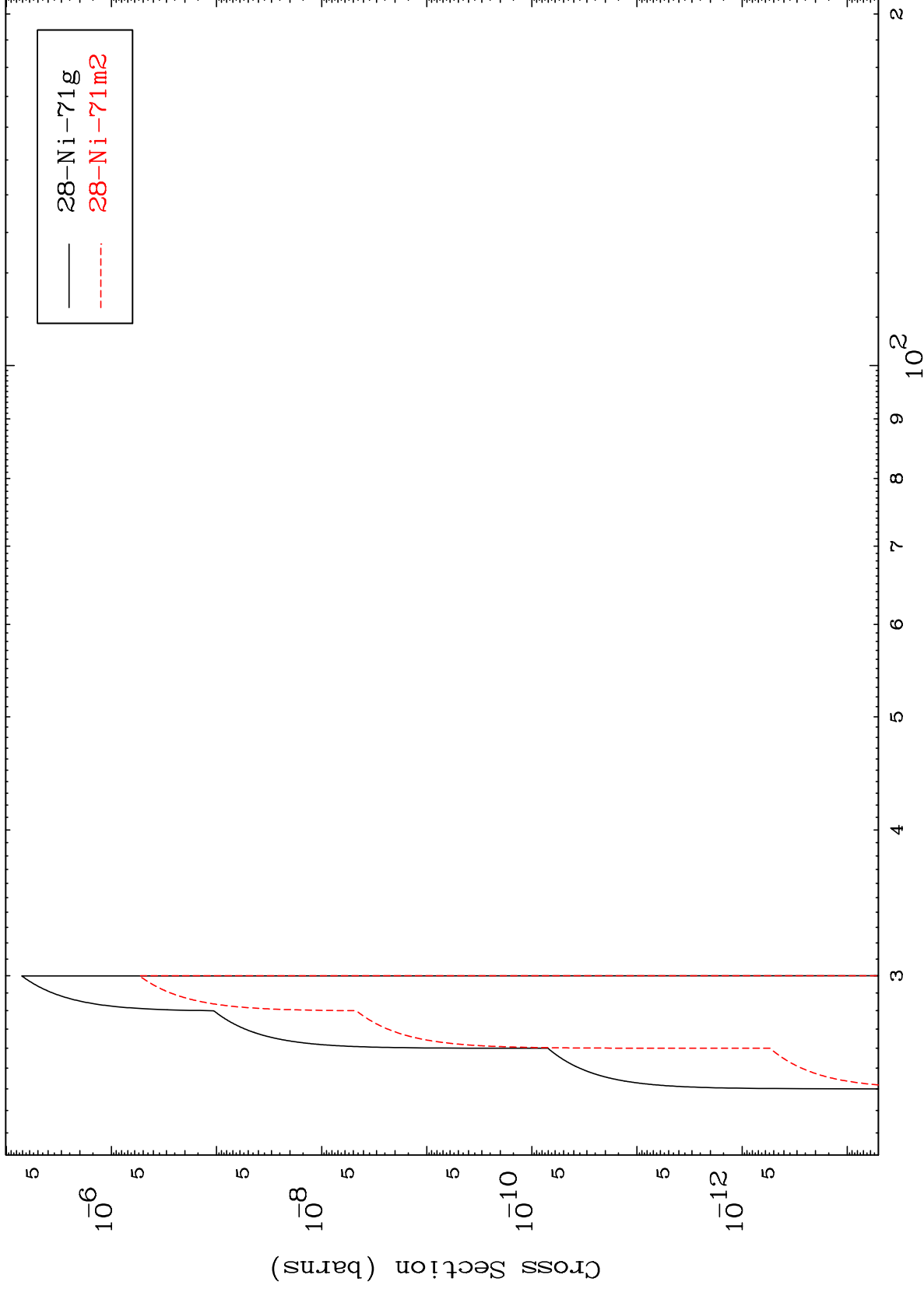
28-Ni-71

MAT 2864

(α, n') He-3

28-Ni-71

Radionuclide Production Cross Section



13

Incident Energy (MeV)

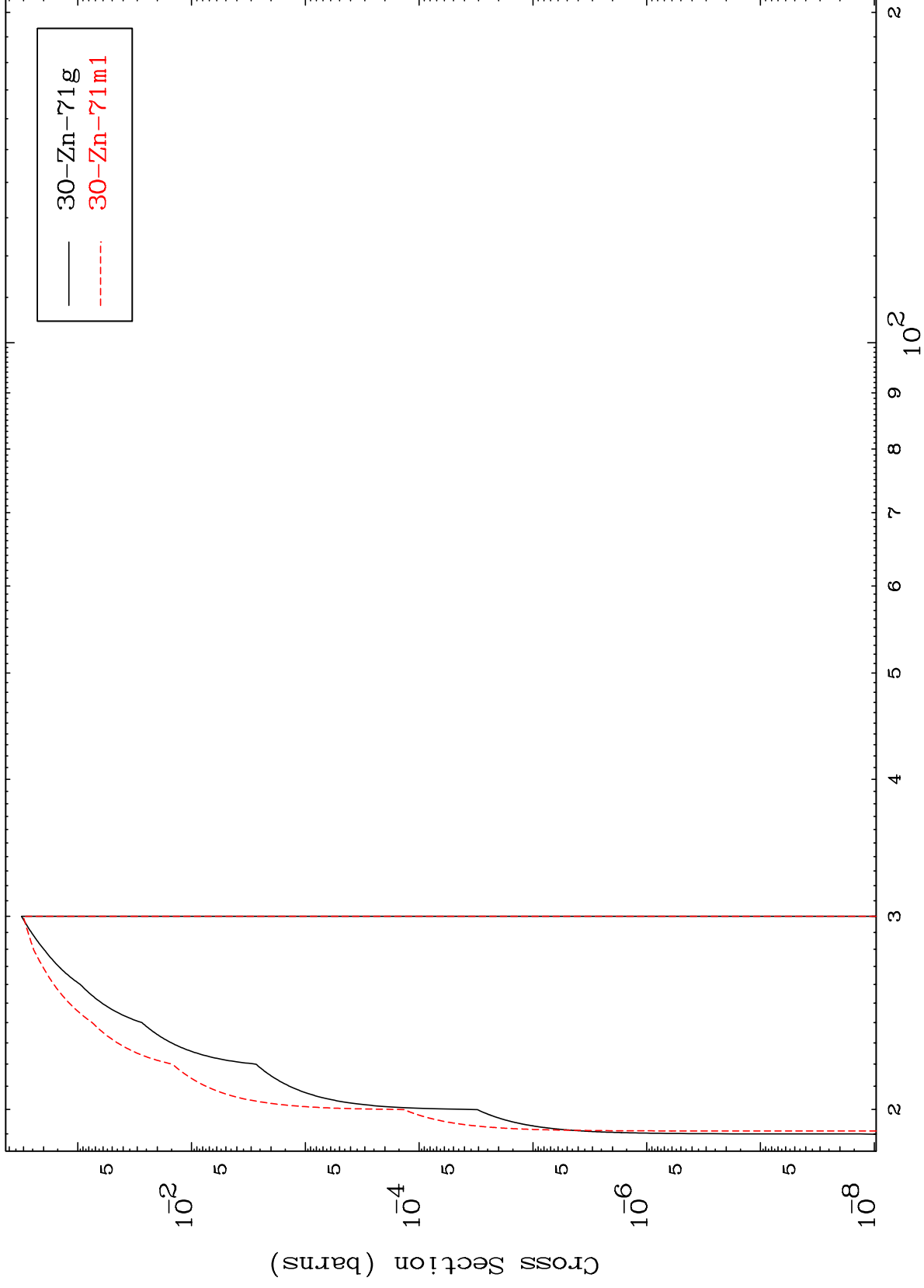
28-Ni-71

MAT 2864

($\alpha, 4n$)

28-Ni-71

Radionuclide Production Cross Section



14

Incident Energy (MeV)

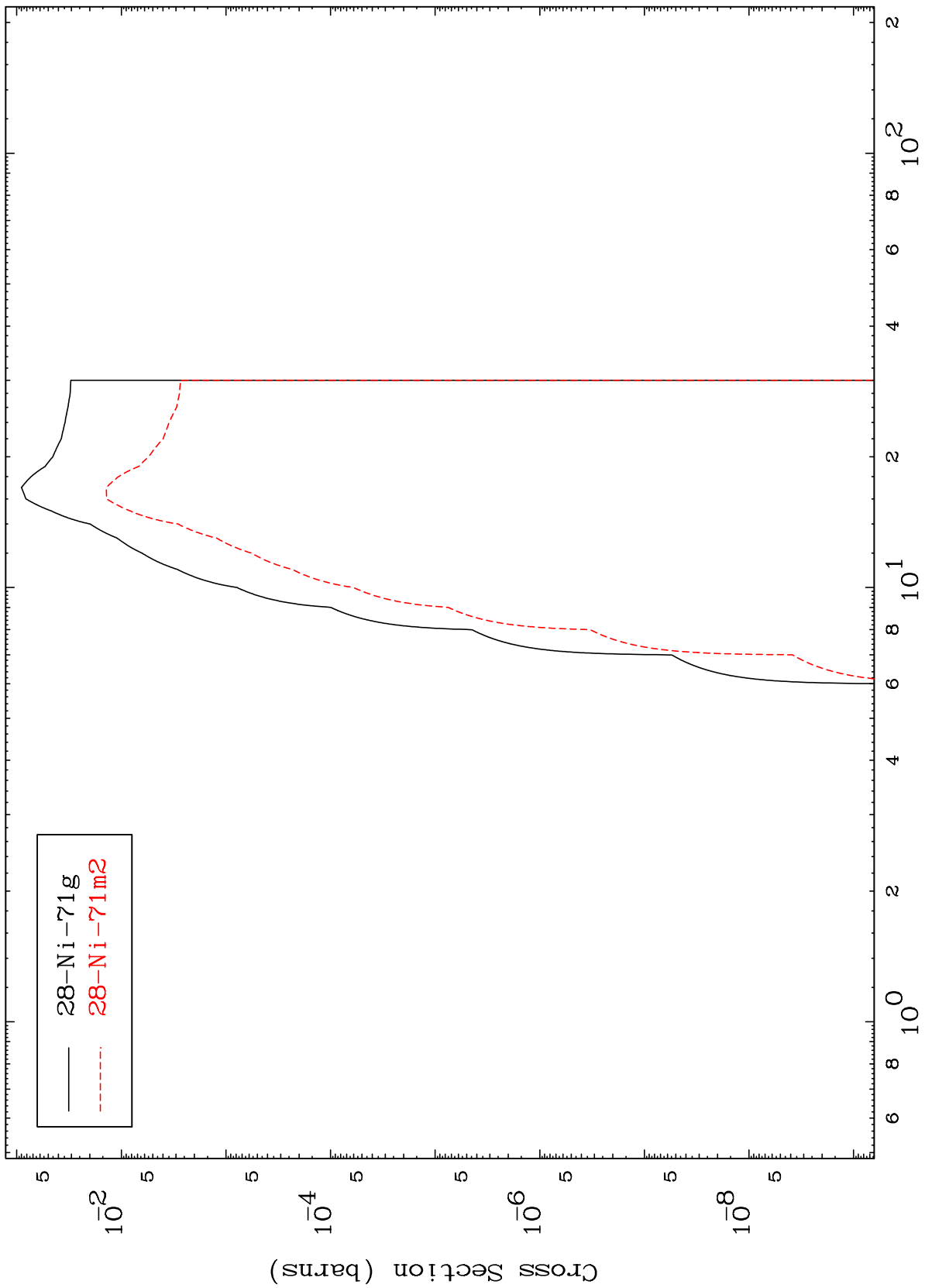
28-Ni-71

MAT 2864

(α, α)

28-Ni-71

Radionuclide Production Cross Section



— 28-Ni-71 g
- - - 28-Ni-71 m2

15

Incident Energy (MeV)

28-Ni-71