

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

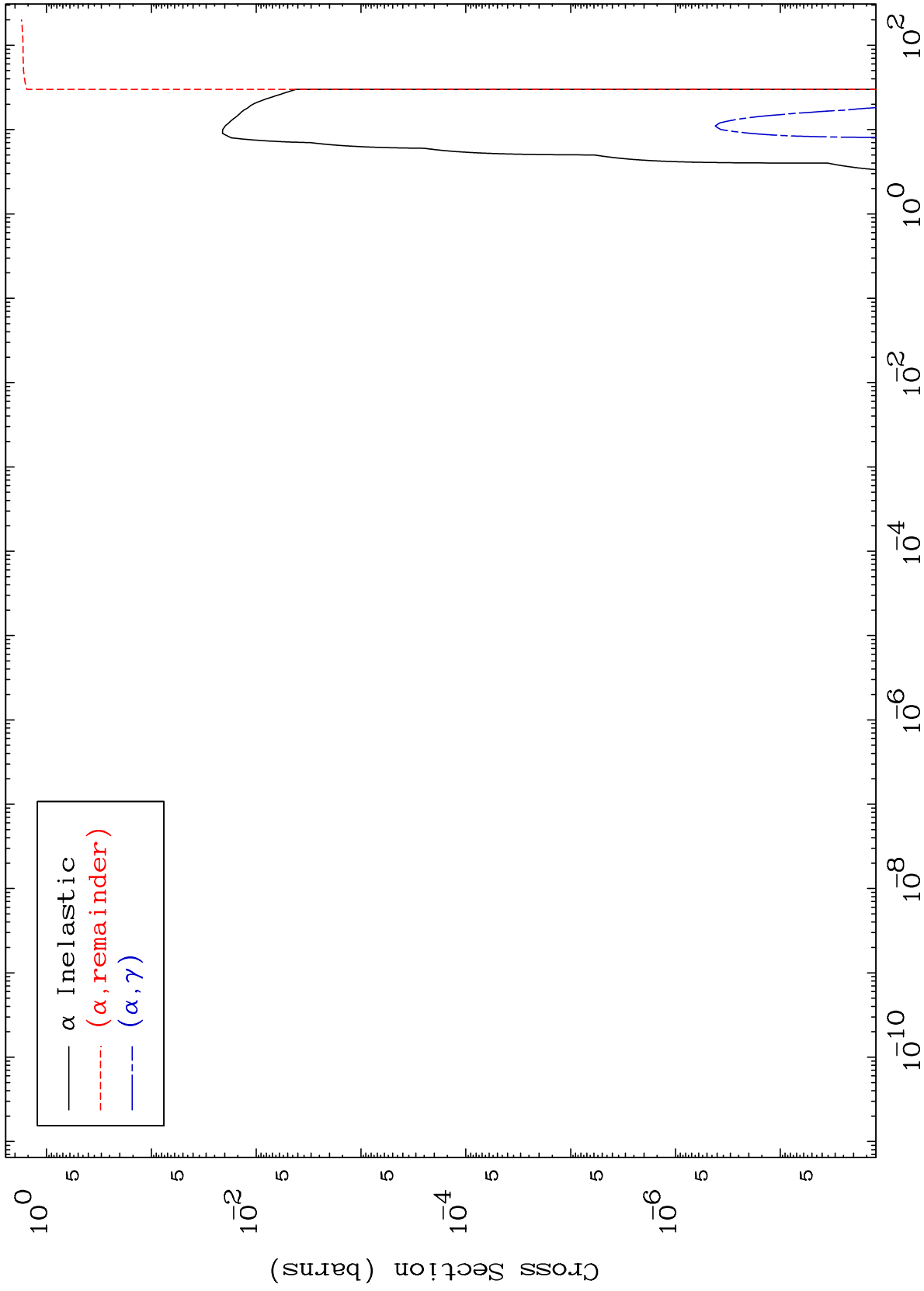
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2865

0 Kelvin α Major
Cross Sections

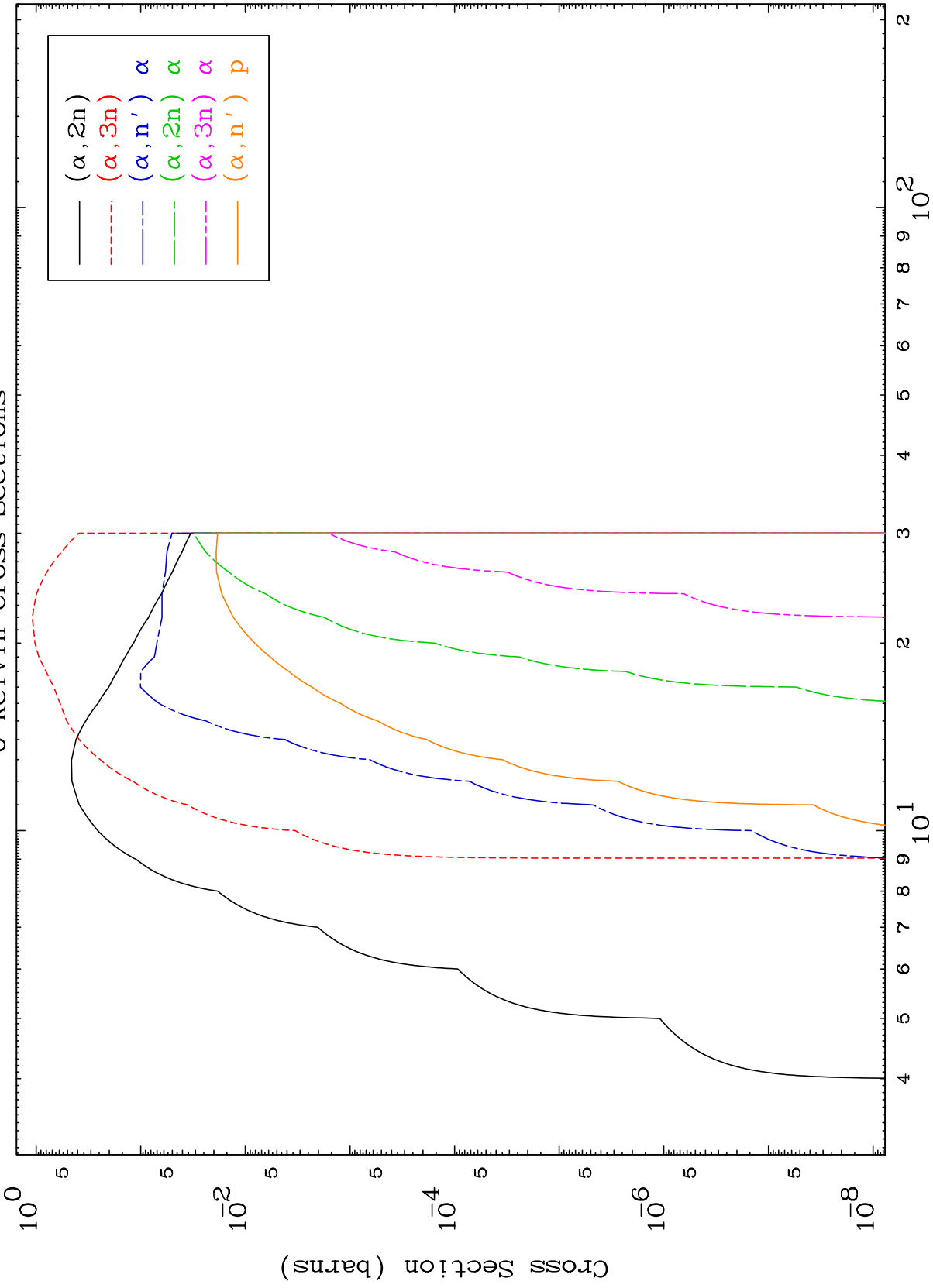
28-Ni-71



MAT 2865

α Neutron Production
0 Kelvin Cross Sections

28-Ni-71



2

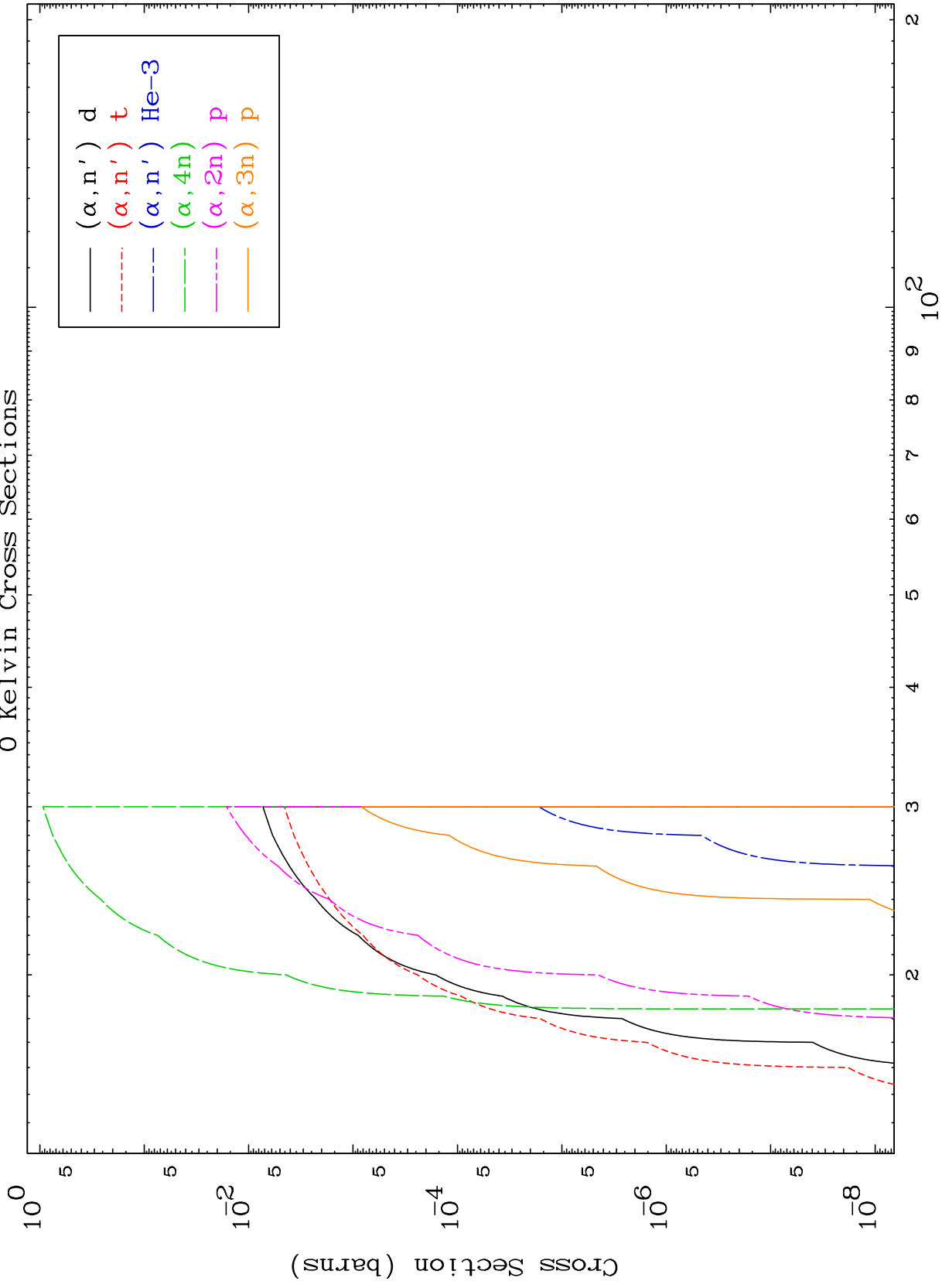
Incident Energy (MeV)

28-Ni-71

MAT 2865

α Neutron Production
0 Kelvin Cross Sections

28-Ni-71



3

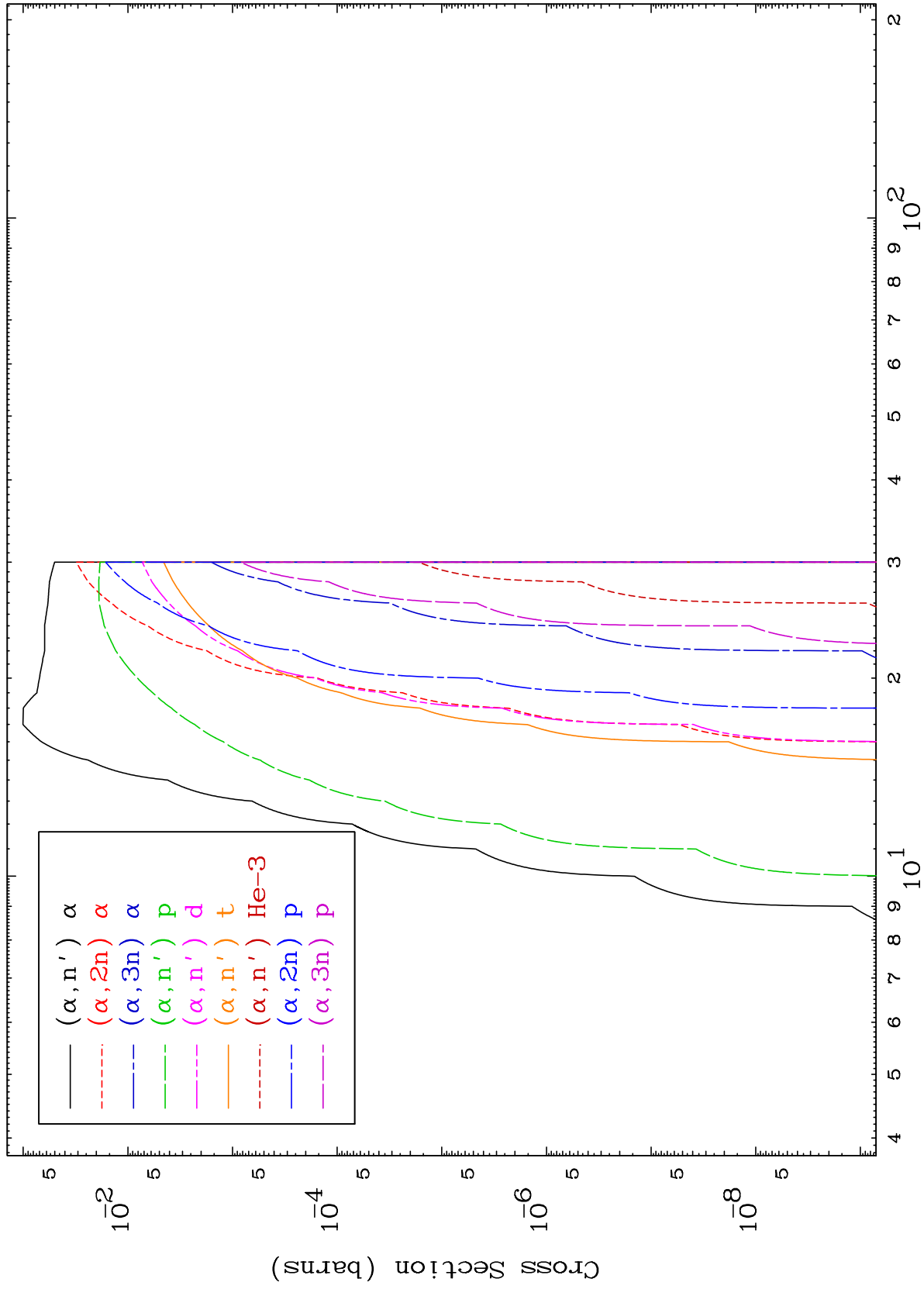
Incident Energy (MeV)

28-Ni-71

MAT 2865

α Charged Particle
0 Kelvin Cross Sections

28-Ni-71



4

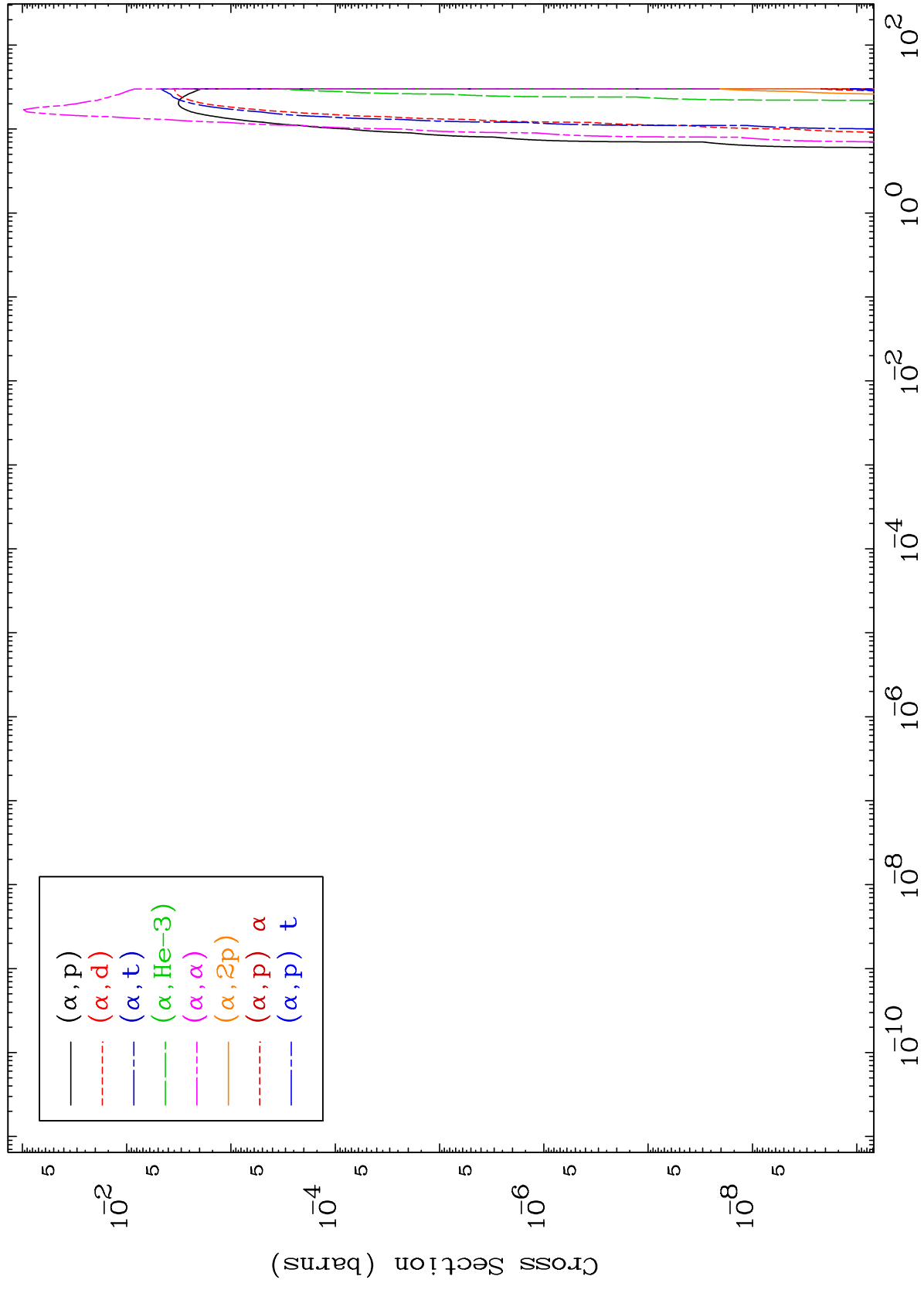
Incident Energy (MeV)

28-Ni-71

MAT 2865

α Charged Particle
0 Kelvin Cross Sections

28-Ni-71



5

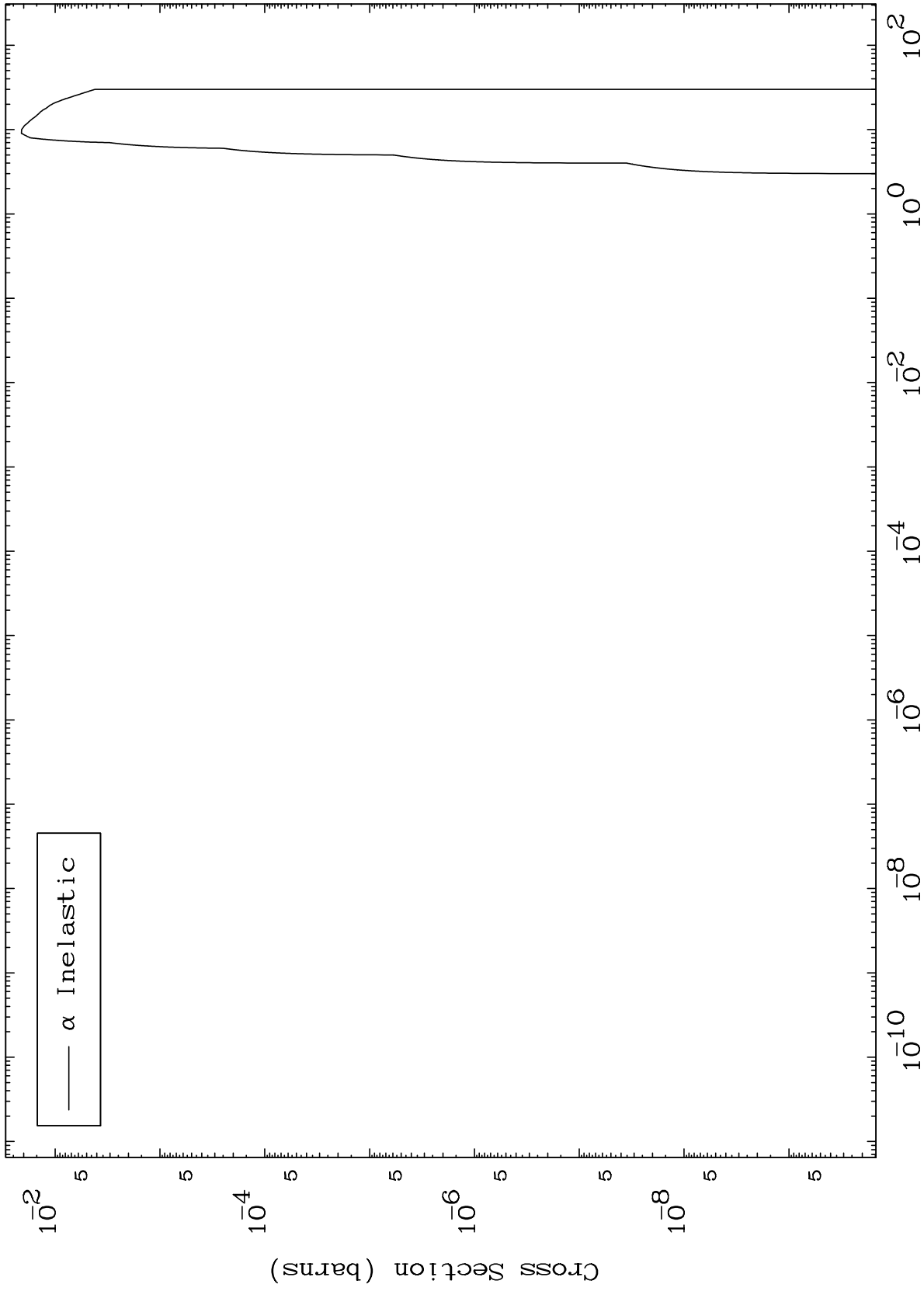
Incident Energy (MeV)

28-Ni-71

MAT 2865

(α, n') Level
0 Kelvin Cross Sections

28-Ni-71



6

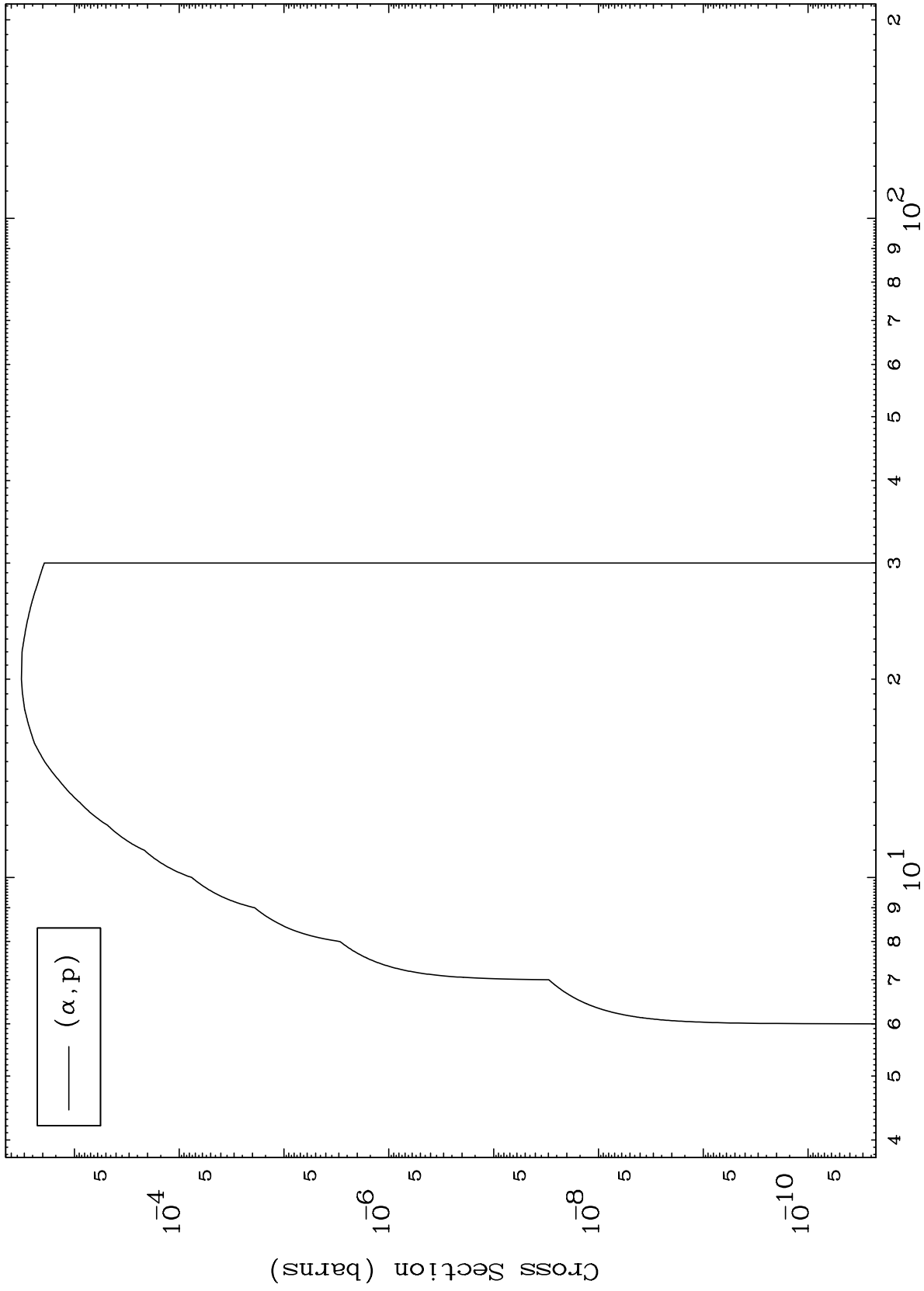
Incident Energy (MeV)

28-Ni-71

MAT 2865

(α, p) Levels
0 Kelvin Cross Sections

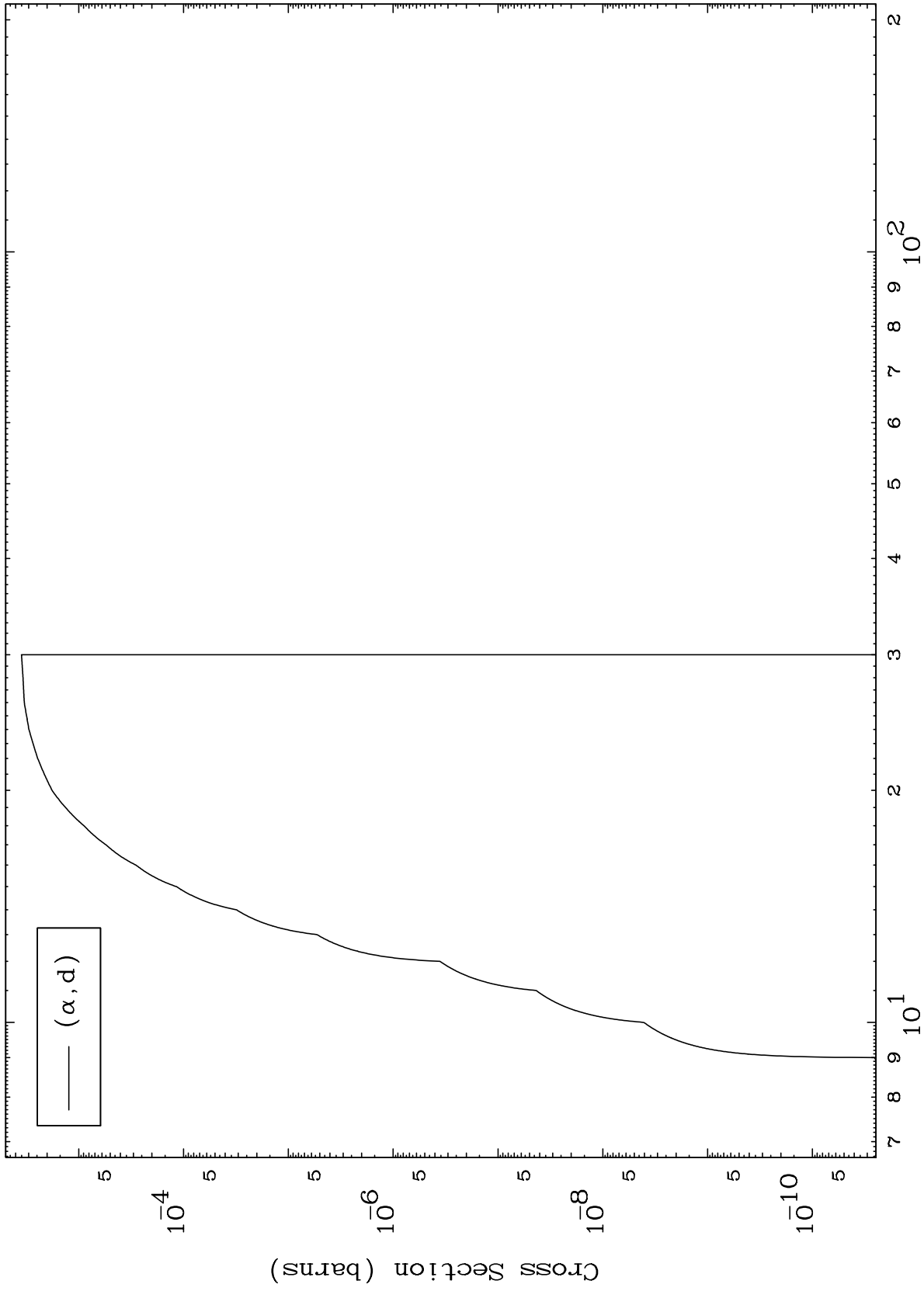
28-Ni-71



MAT 2865

(α, d) Levels
0 Kelvin Cross Sections

28-Ni-71



8

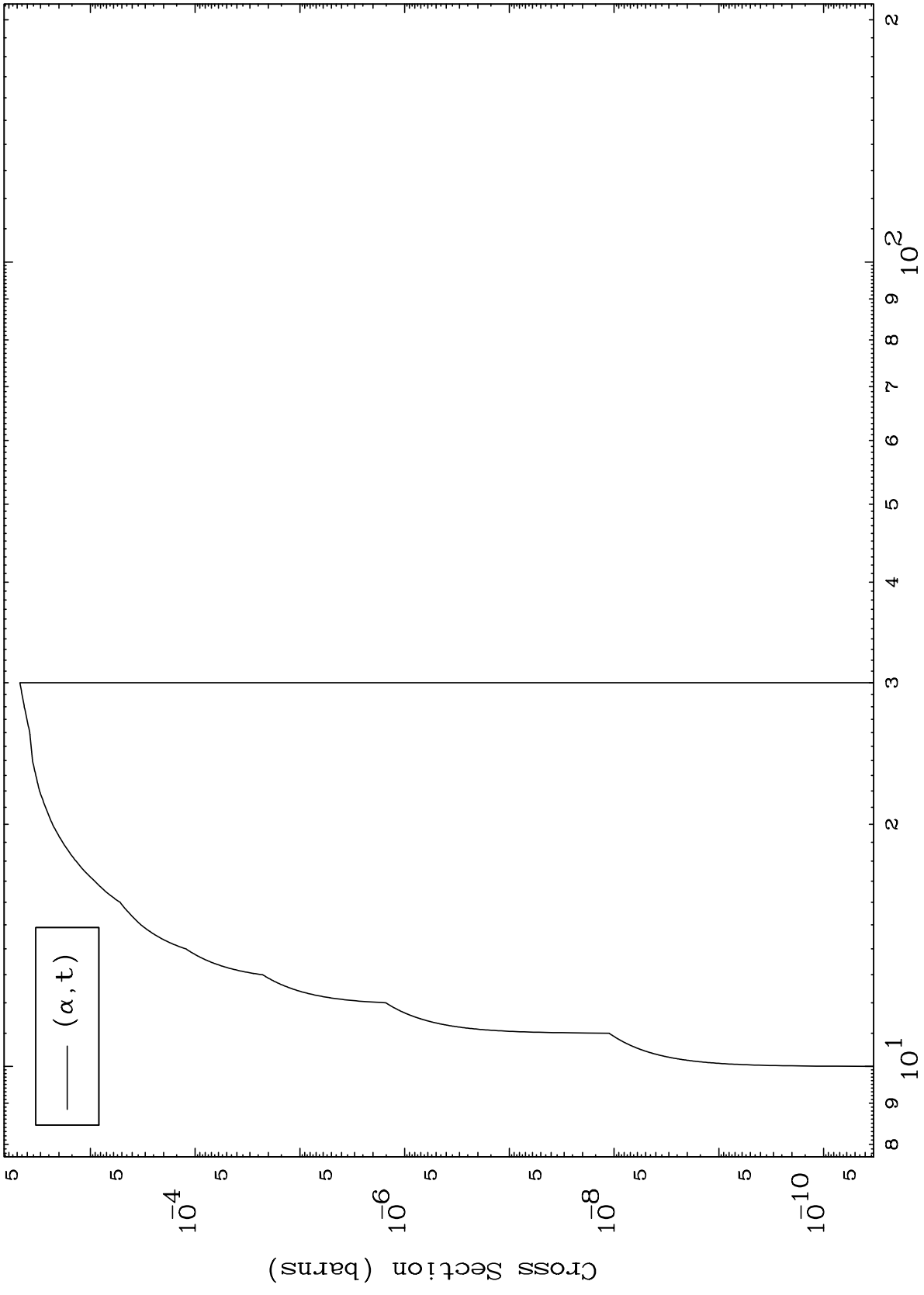
Incident Energy (MeV)

28-Ni-71

MAT 2865

(α, t) Levels
0 Kelvin Cross Sections

28-Ni-71



9

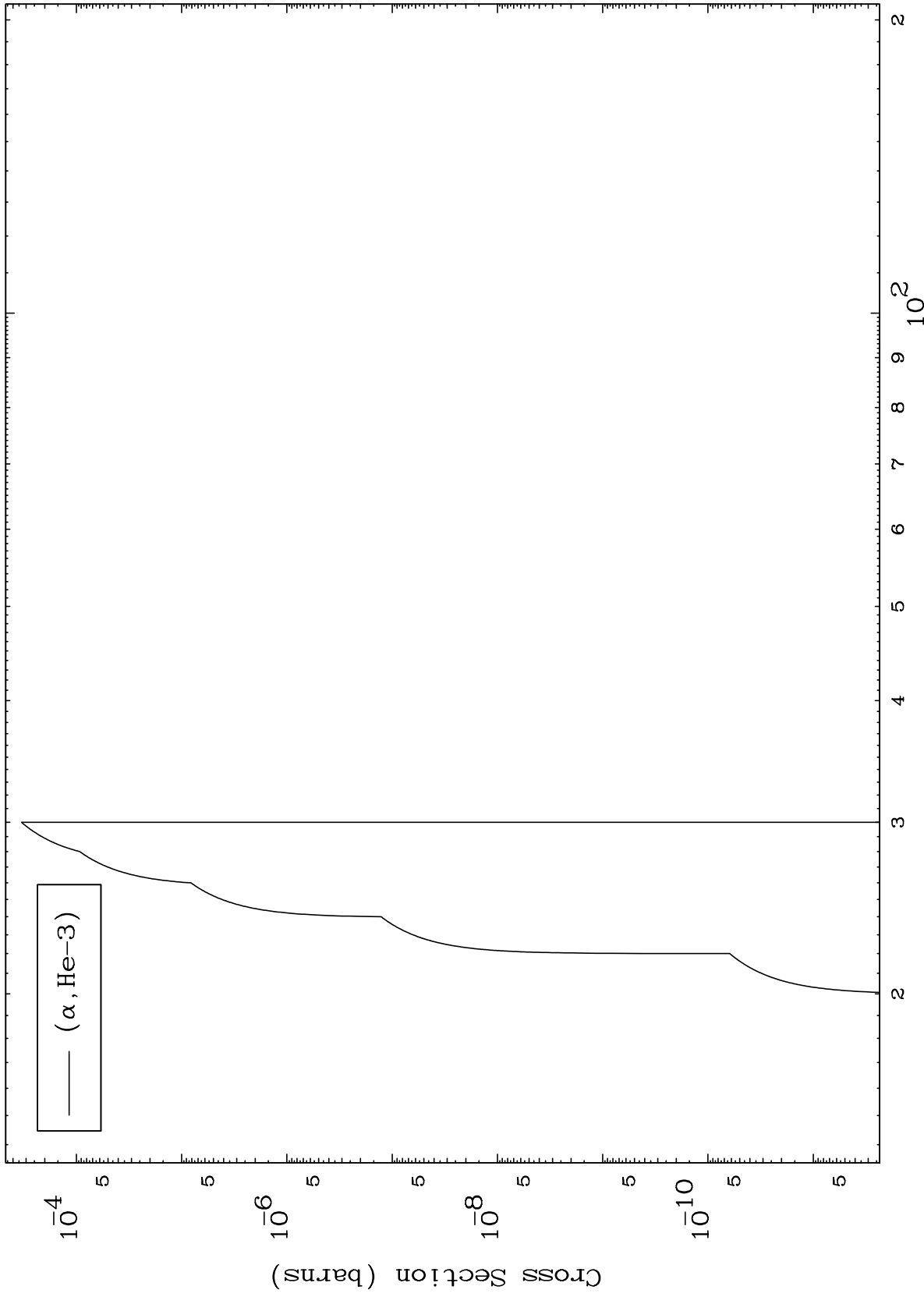
Incident Energy (MeV)

28-Ni-71

MAT 2865

(α ,He3) Levels
0 Kelvin Cross Sections

28-Ni-71



10

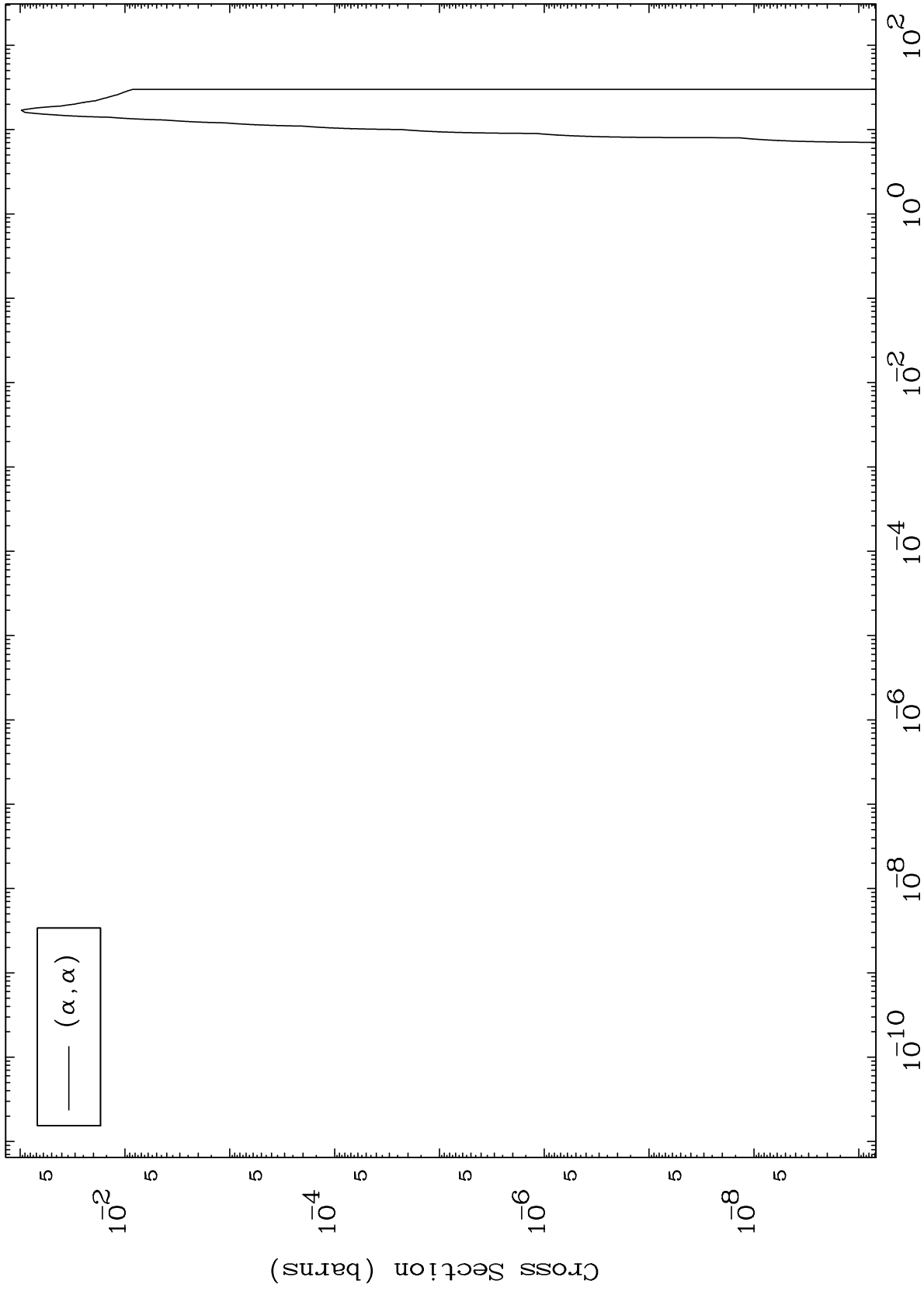
Incident Energy (MeV)

28-Ni-71

MAT 2865

(α, α) Levels
0 Kelvin Cross Sections

28-Ni-71



11

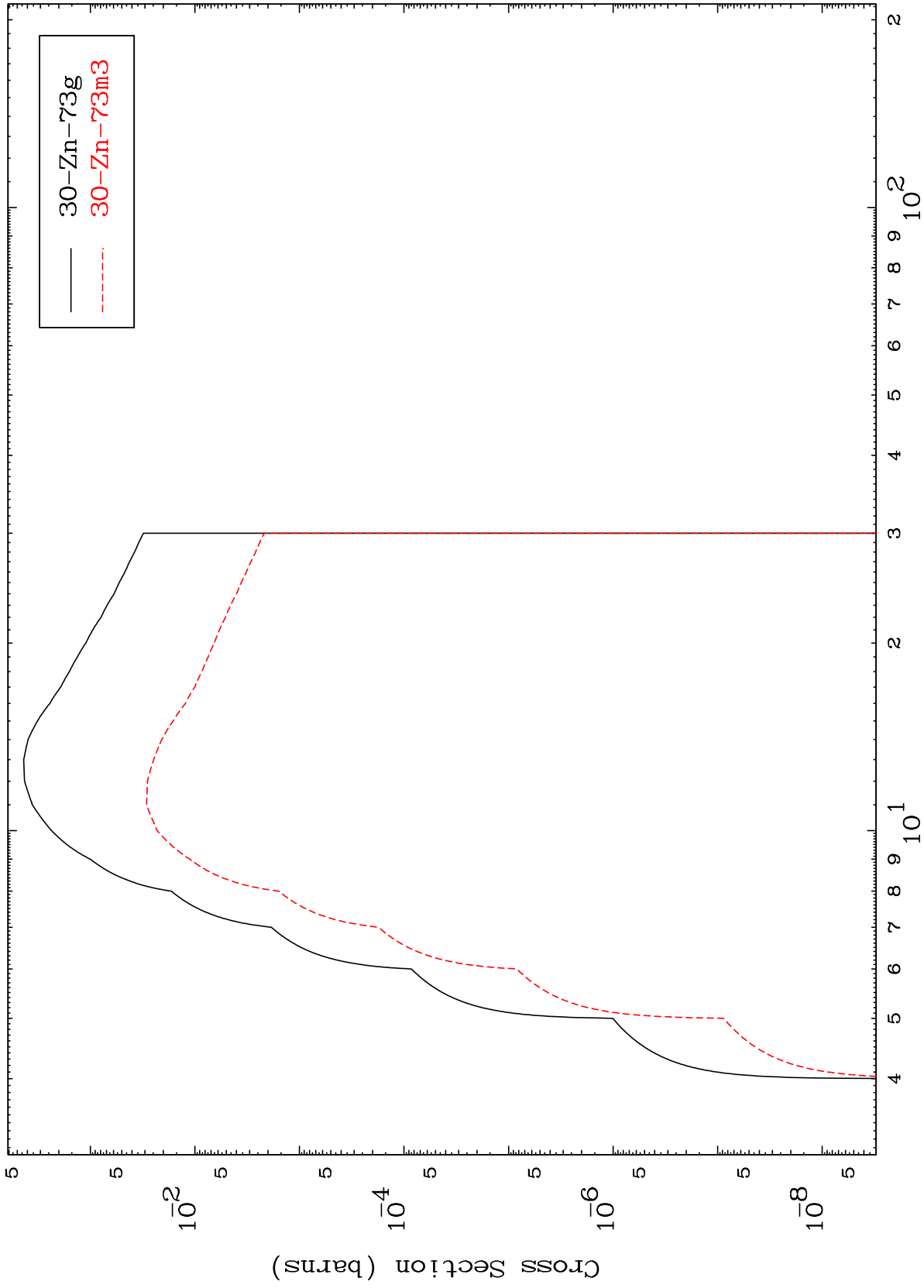
Incident Energy (MeV)

28-Ni-71

MAT 2865

28-Ni-71

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



12

Incident Energy (MeV)

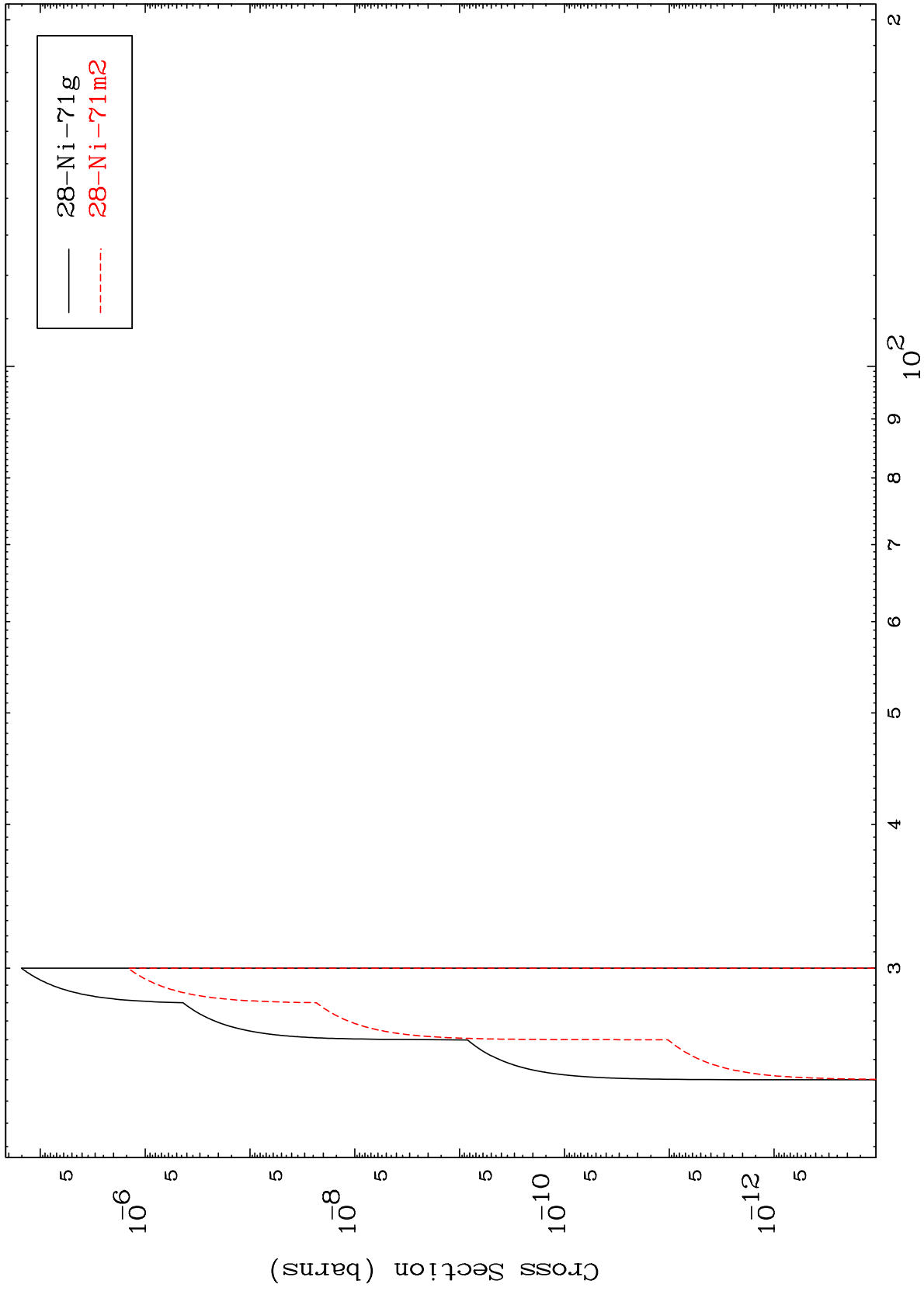
28-Ni-71

MAT 2865

(α, n') He-3

²⁸Ni-71

Radionuclide Production Cross Section



13

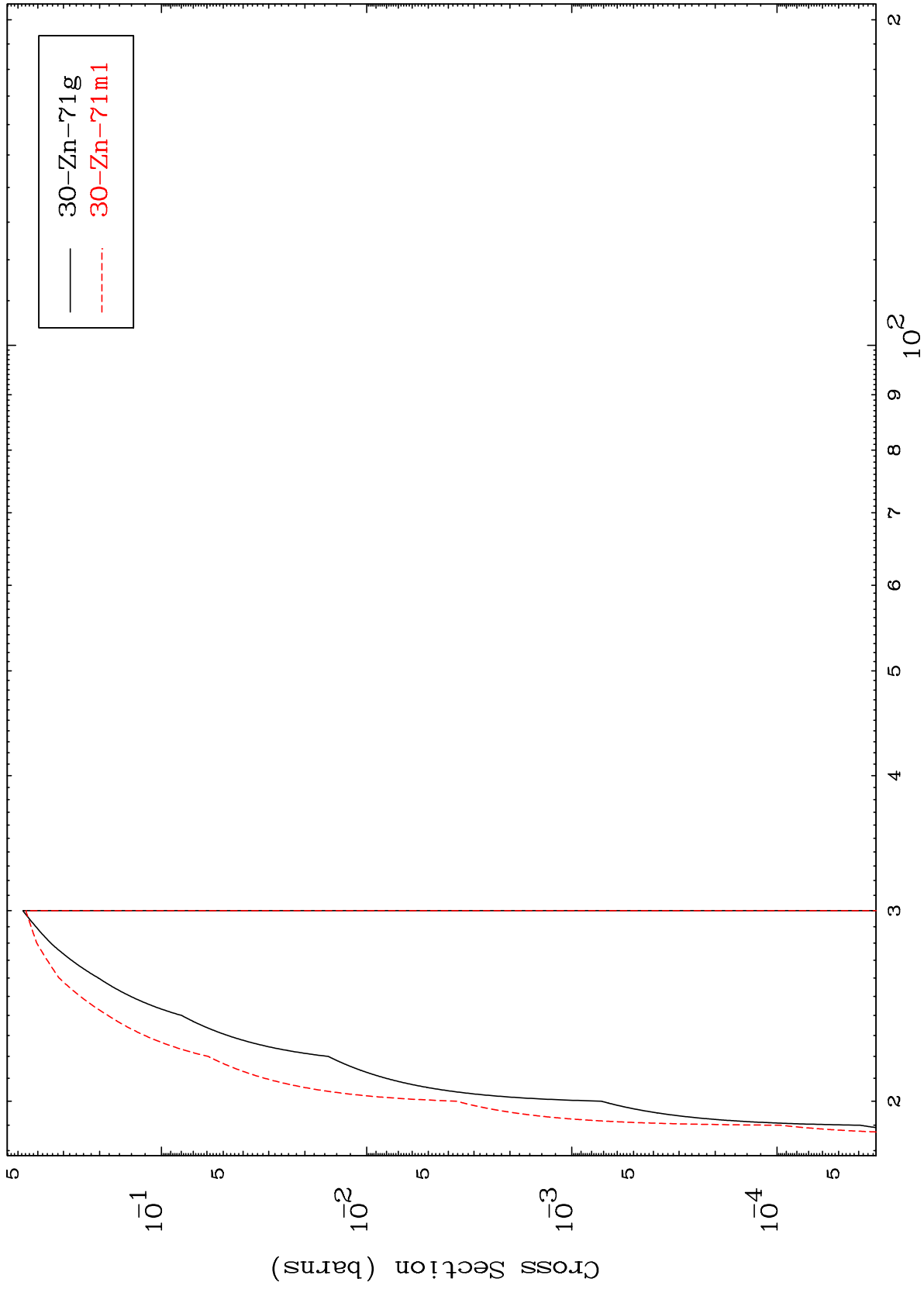
Incident Energy (MeV)

²⁸Ni-71

MAT 2865

28-Ni-71

($\alpha, 4n$)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

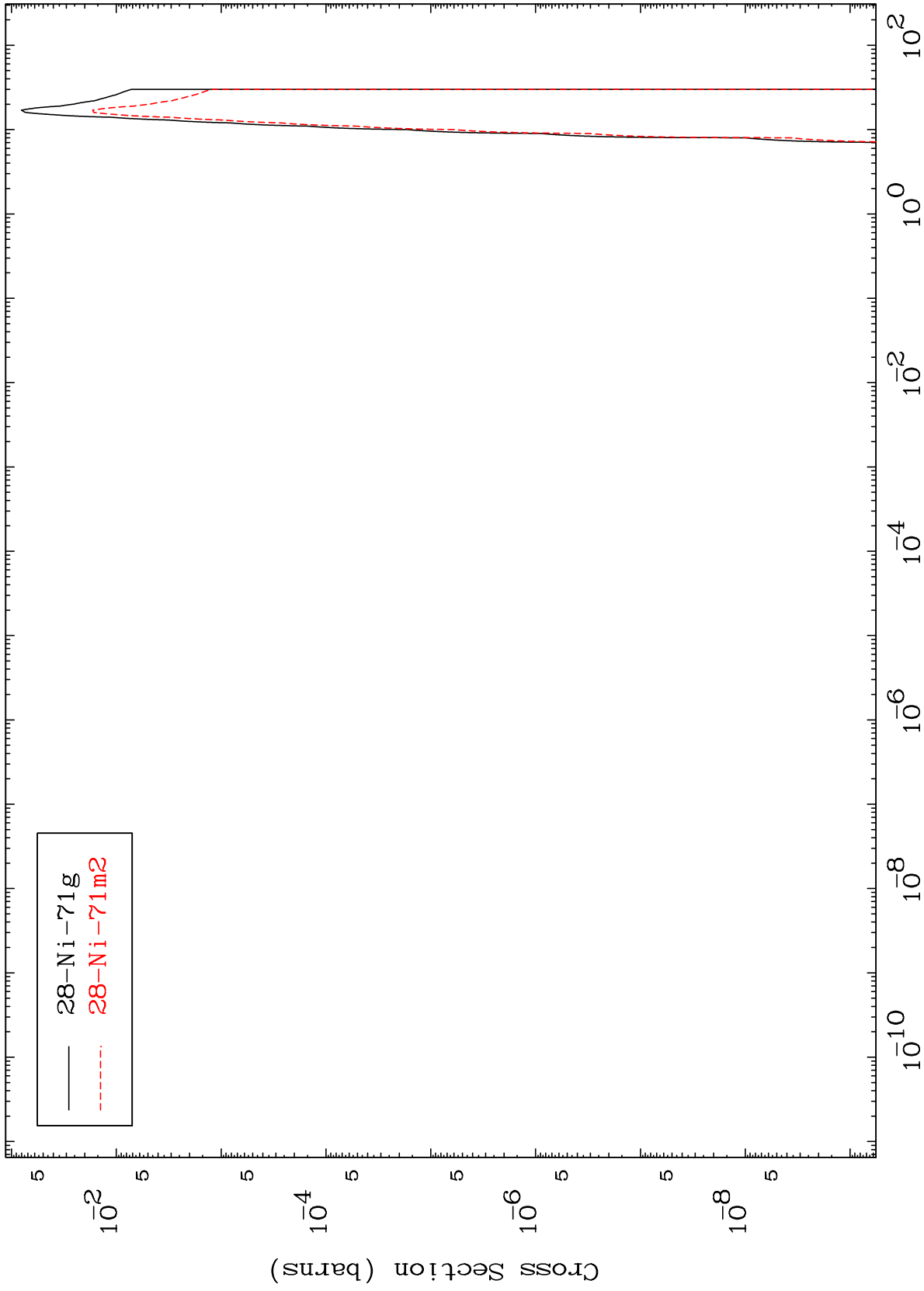
28-Ni-71

MAT 2865

(α, α)

28-Ni-71

Radionuclide Production Cross Section



15

Incident Energy (MeV)

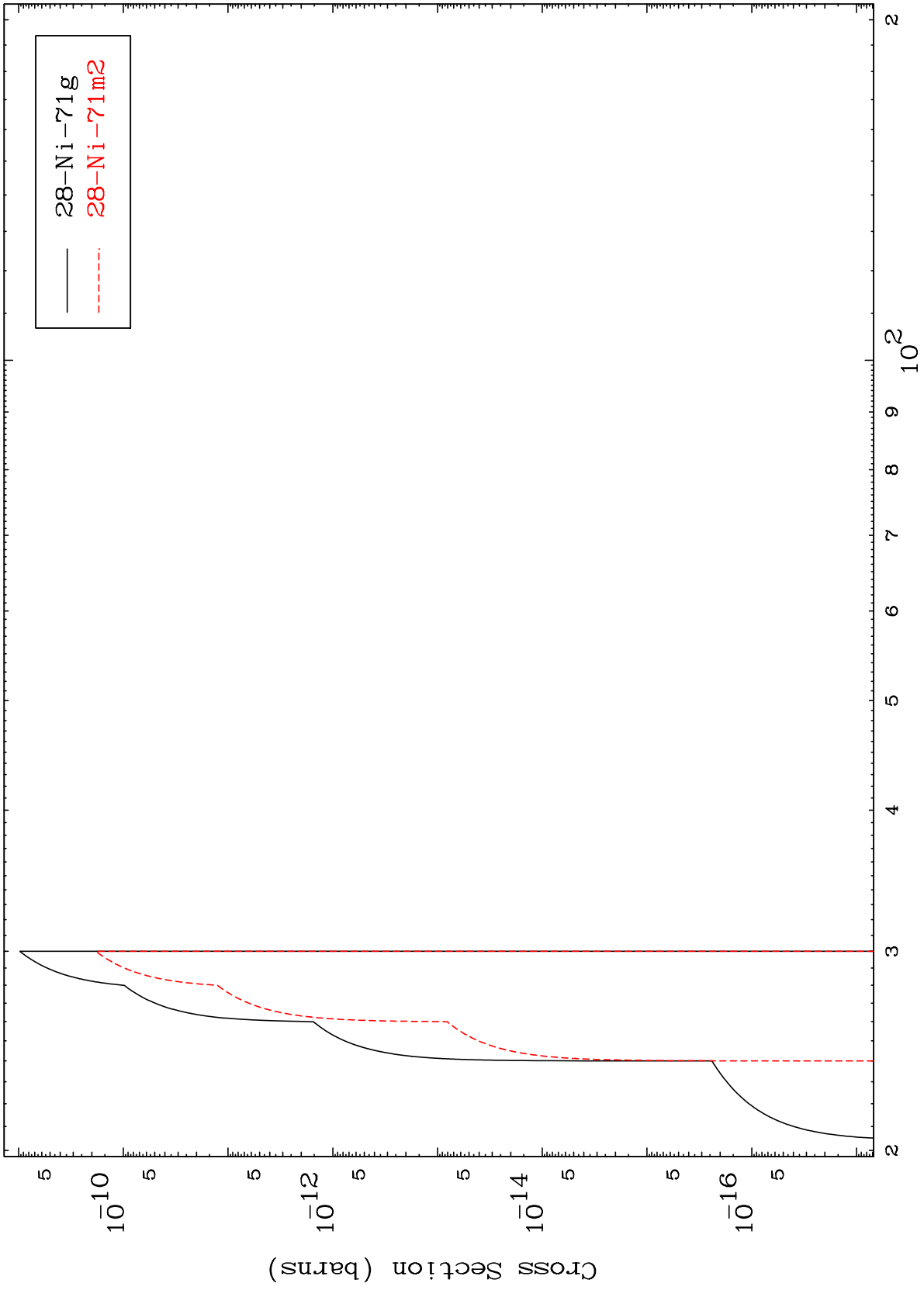
28-Ni-71

MAT 2865

(α, p) t

²⁸Ni-71

Radionuclide Production Cross Section



16

Incident Energy (MeV)

²⁸Ni-71