

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

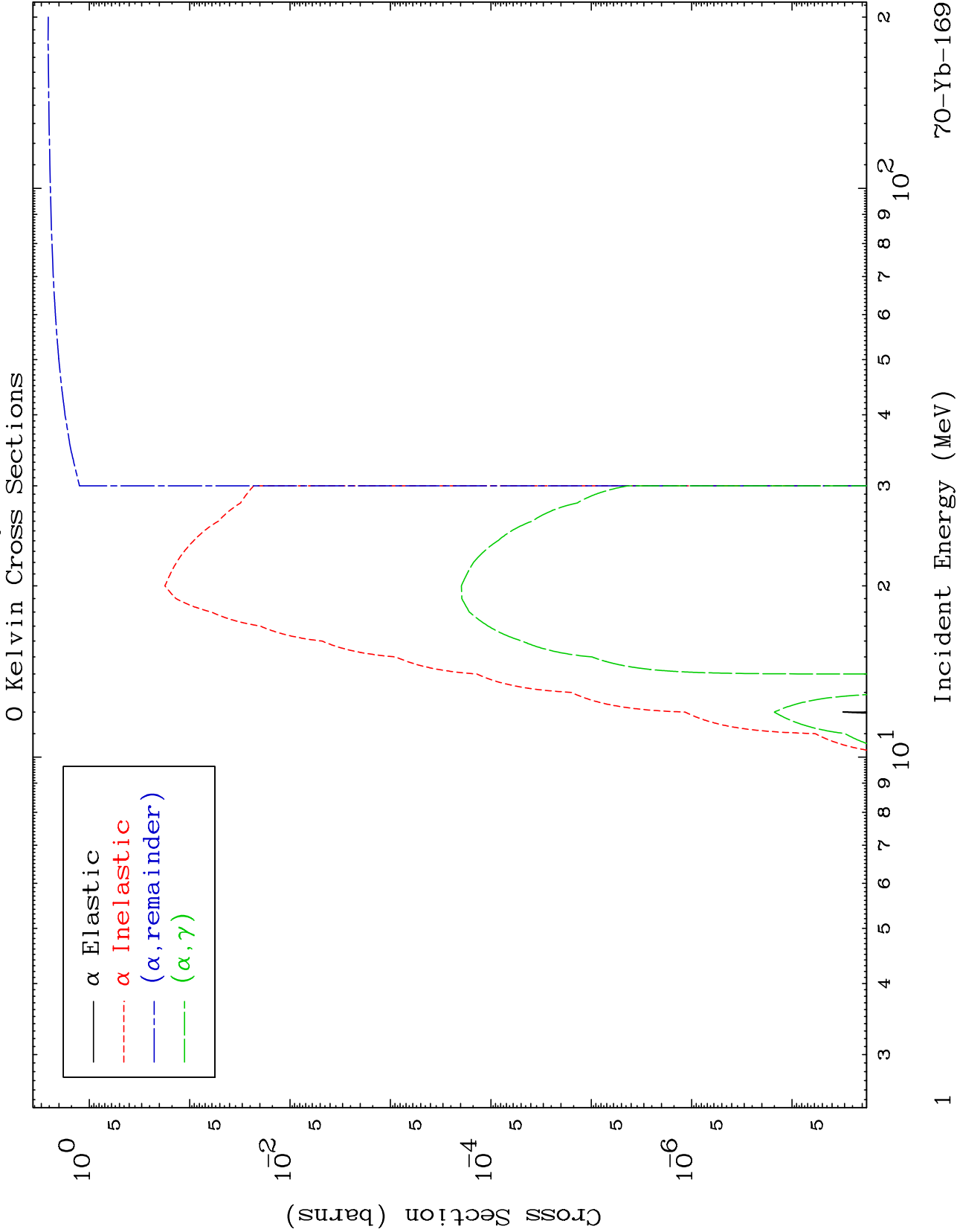
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Web:redcullen1.net/HOMEPAGE.NEW

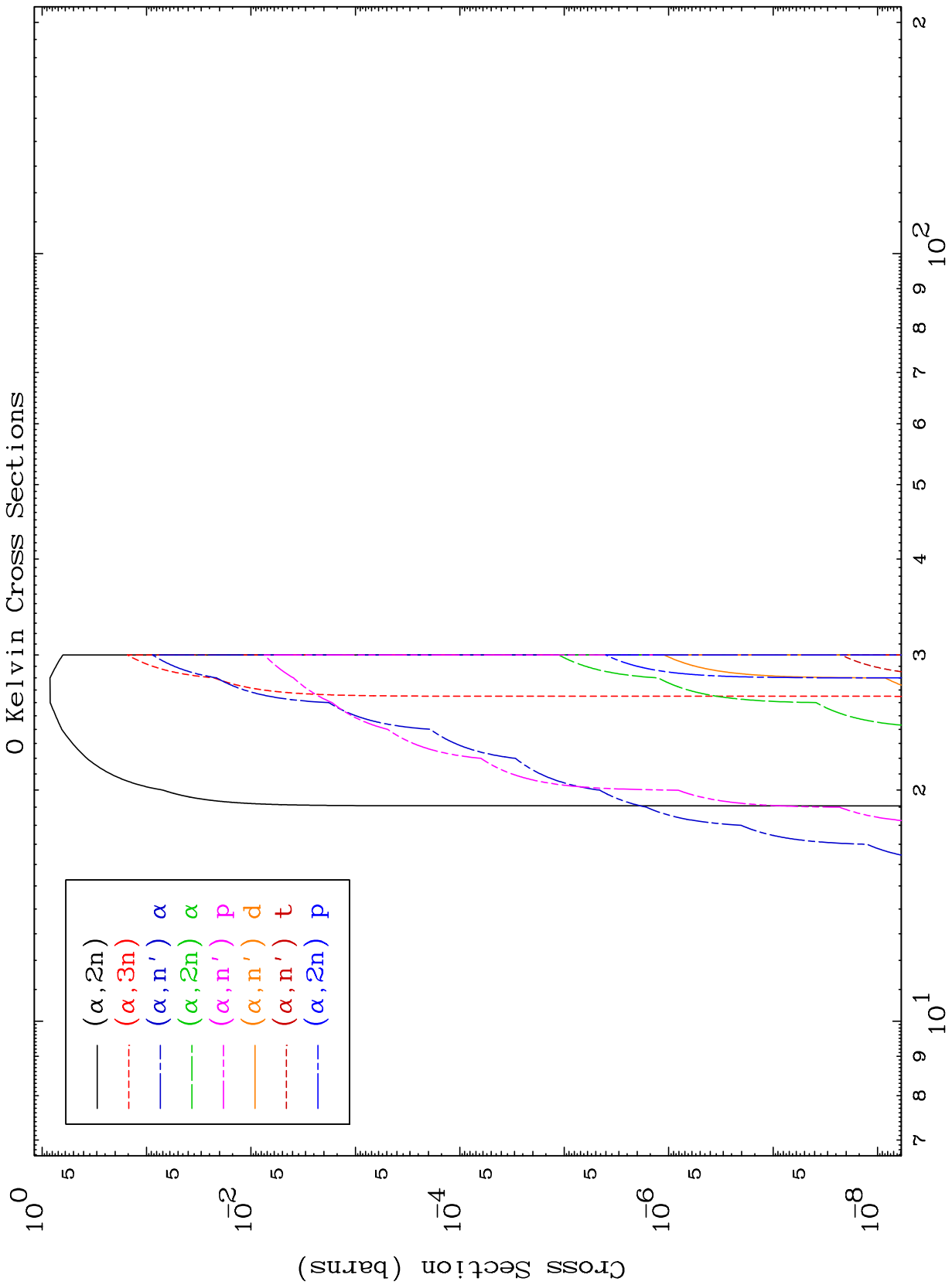
Press Mouse Button to Start



MAT 7029

α Neutron Production
0 Kelvin Cross Sections

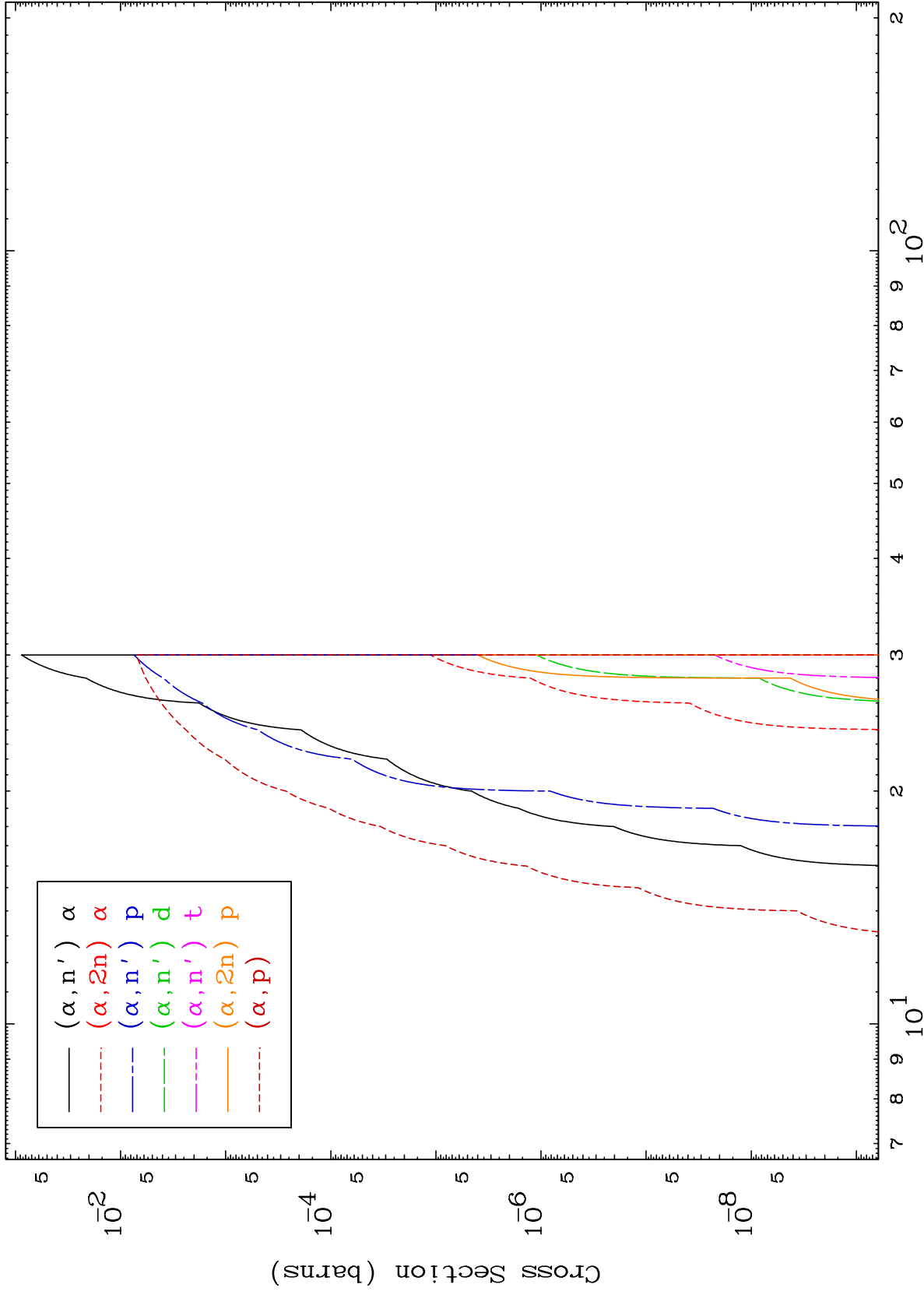
70-Yb-169

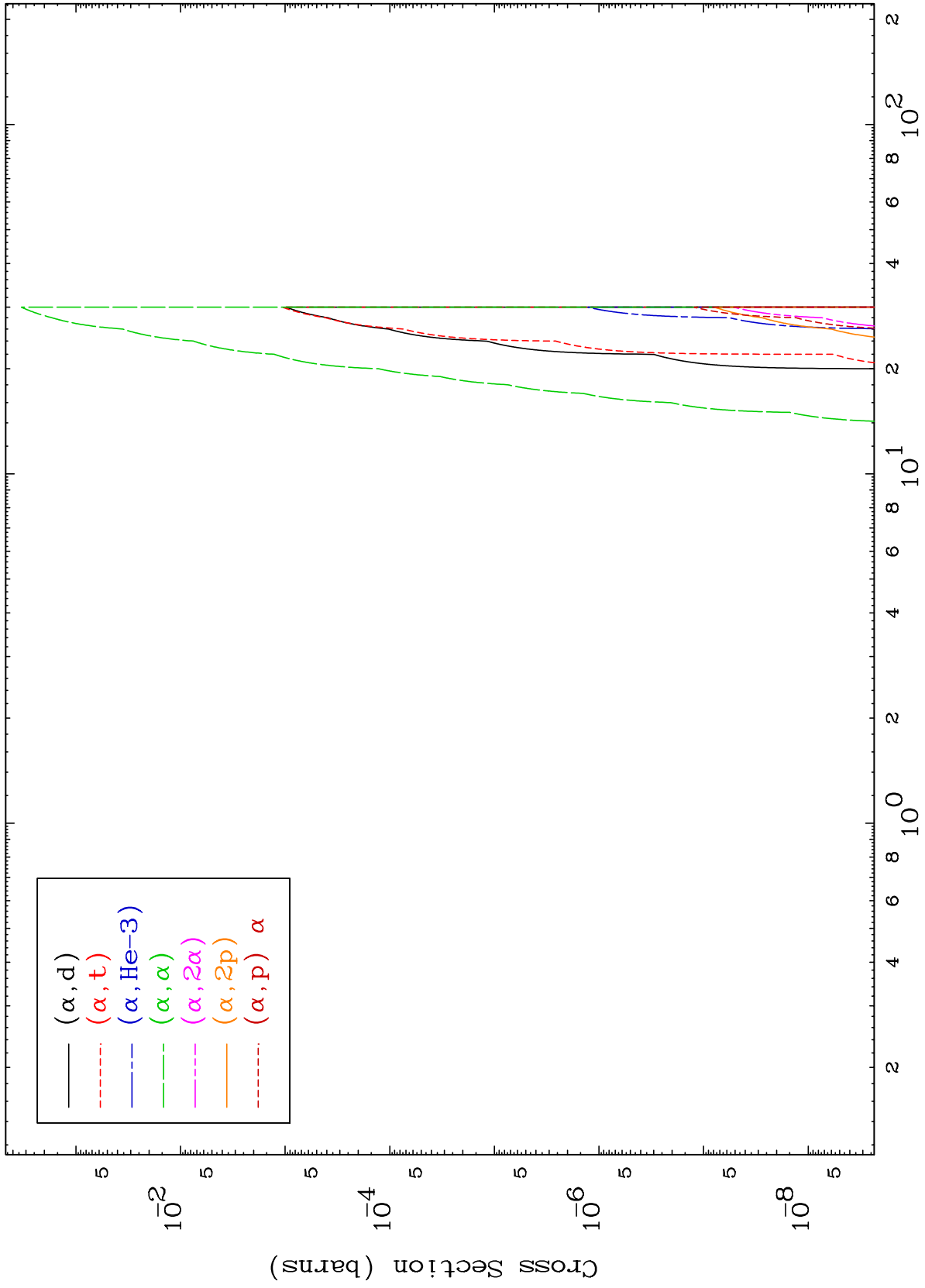


Incident Energy (MeV)

70-Yb-169

2



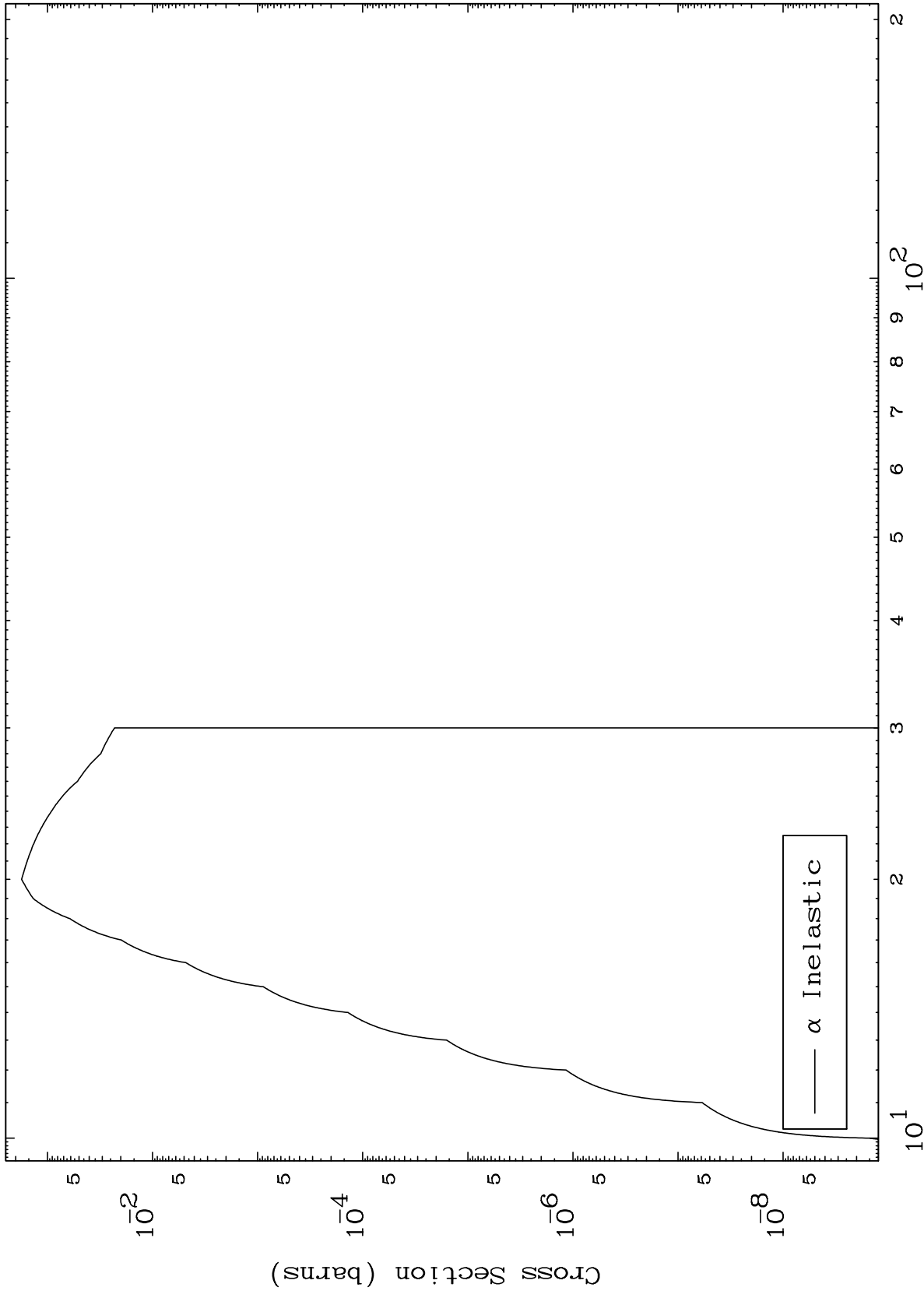


MAT 7029

(α, n') Level

70-Yb-169

0 Kelvin Cross Sections



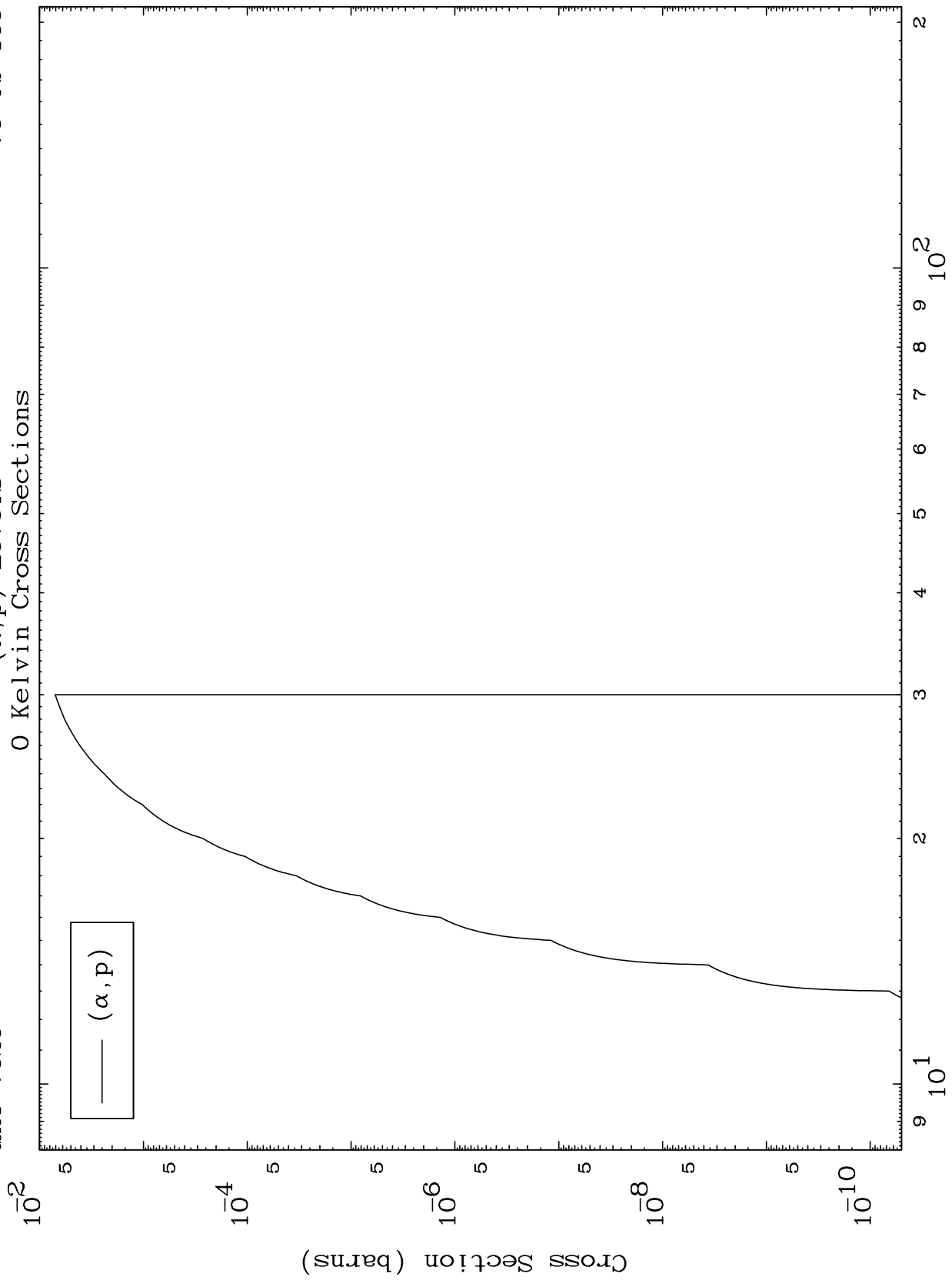
Incident Energy (MeV)

70-Yb-169

MAT 7029

(α, p) Levels
0 Kelvin Cross Sections

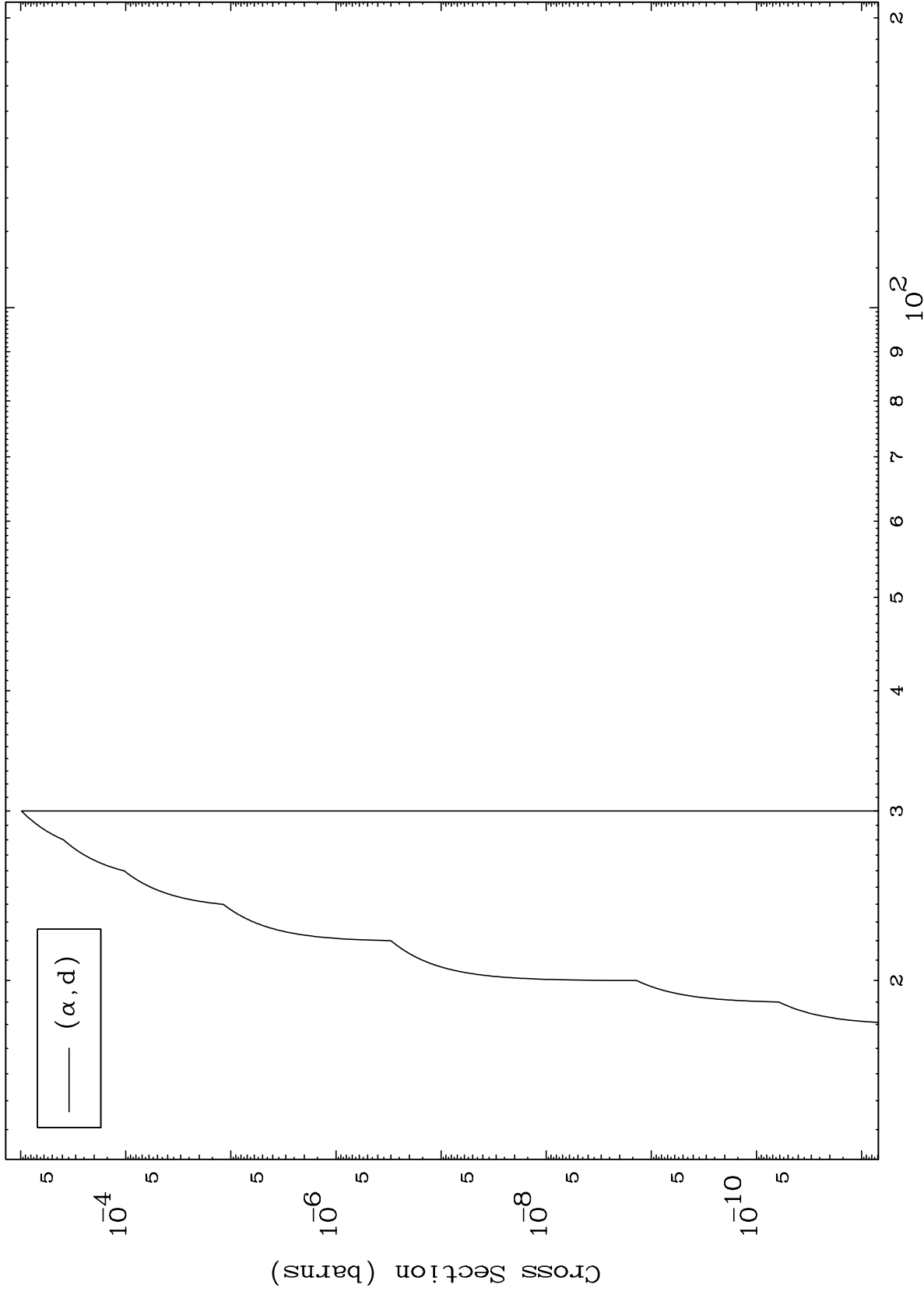
70-Yb-169

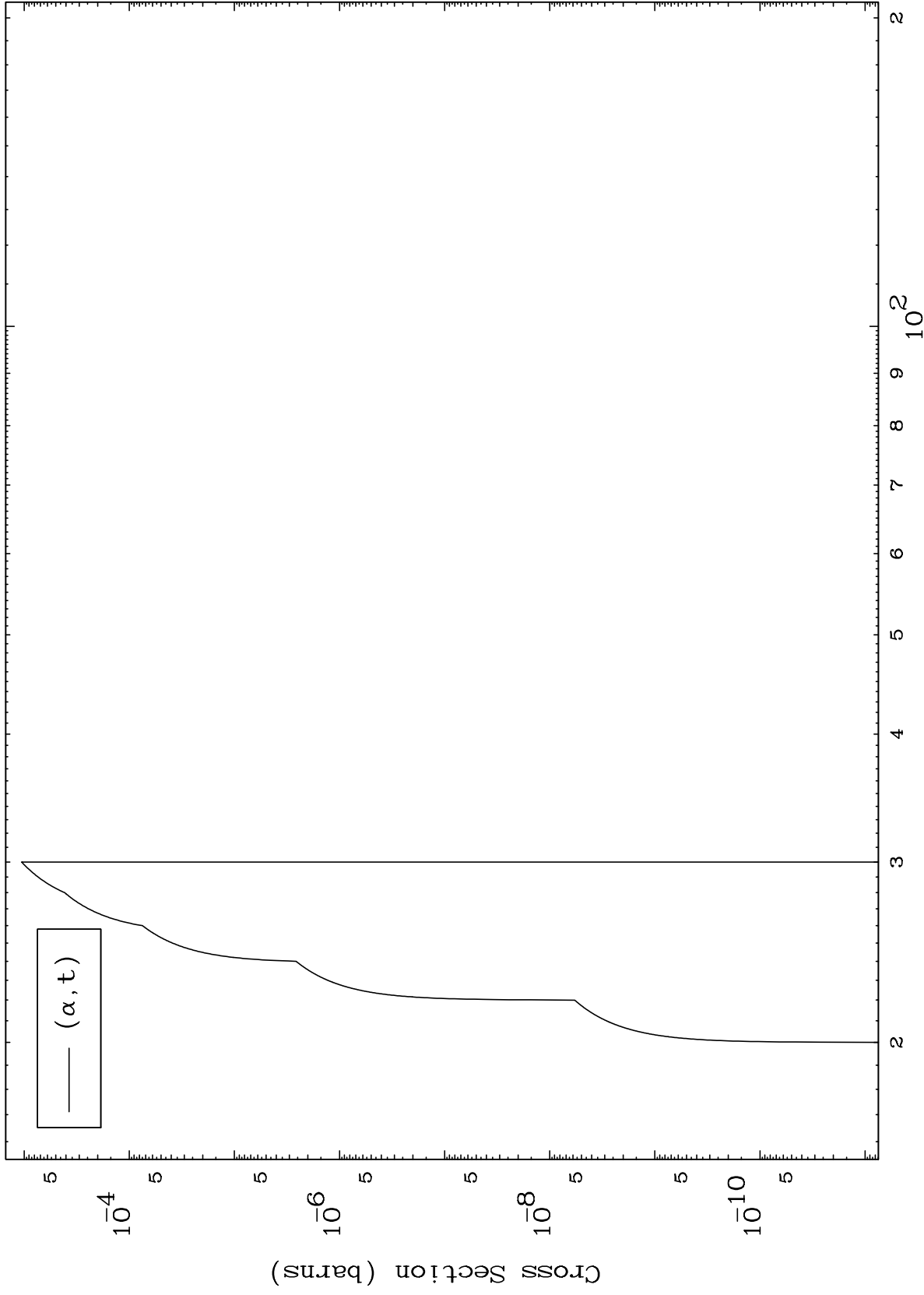


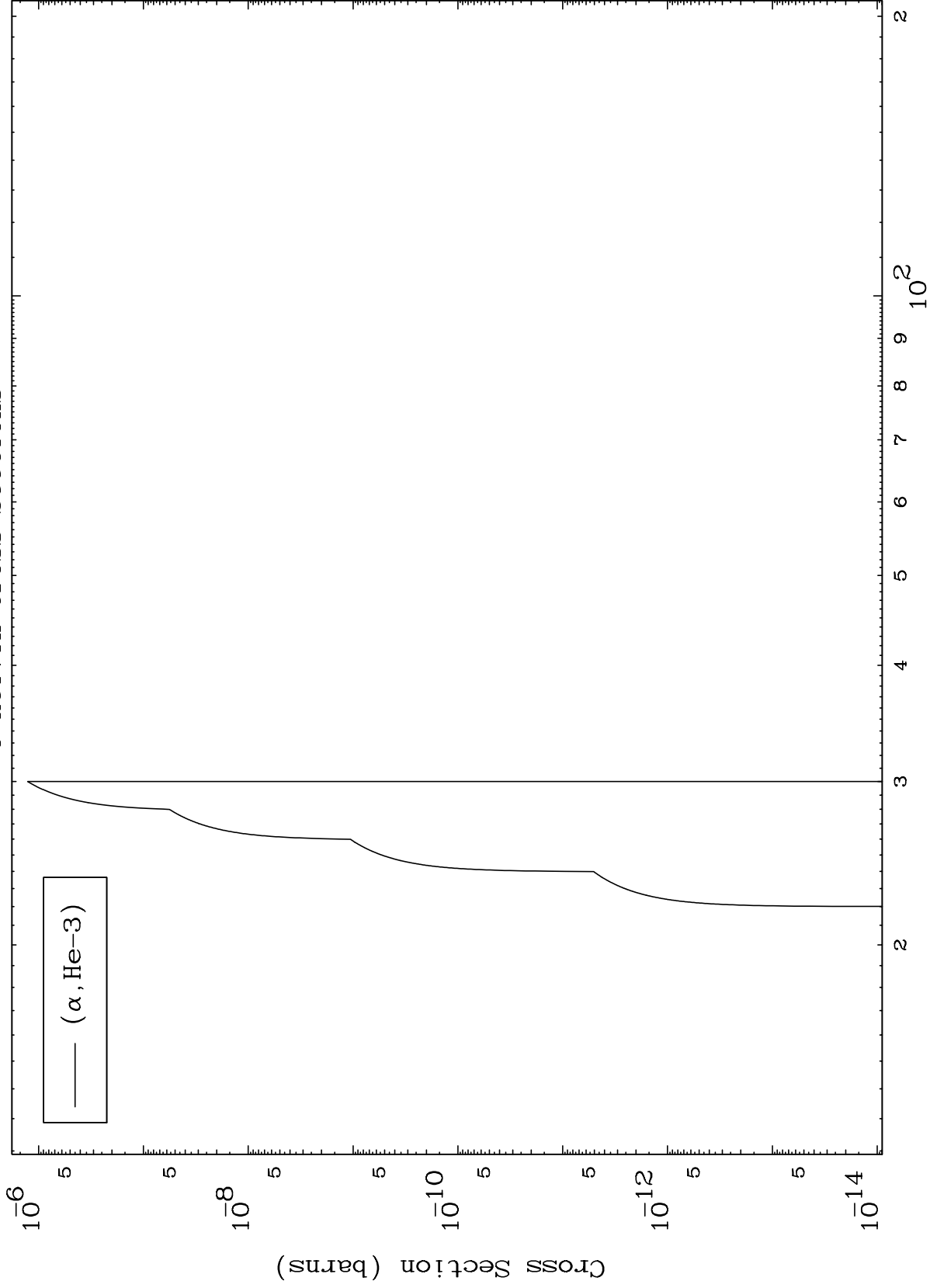
Incident Energy (MeV)

70-Yb-169

6





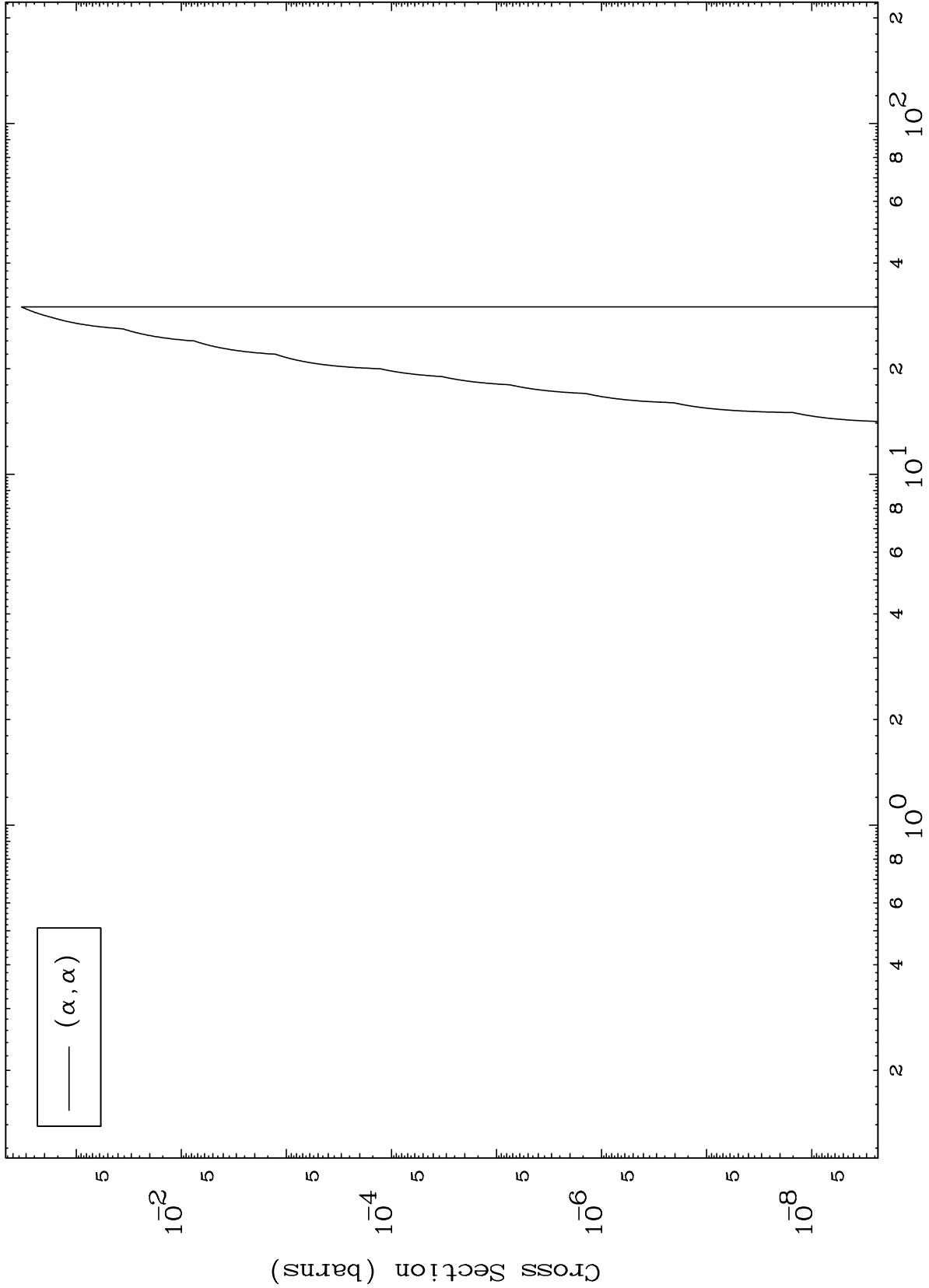


MAT 7029

(α, α) Levels

70-Yb-169

0 Kelvin Cross Sections



10

Incident Energy (MeV)

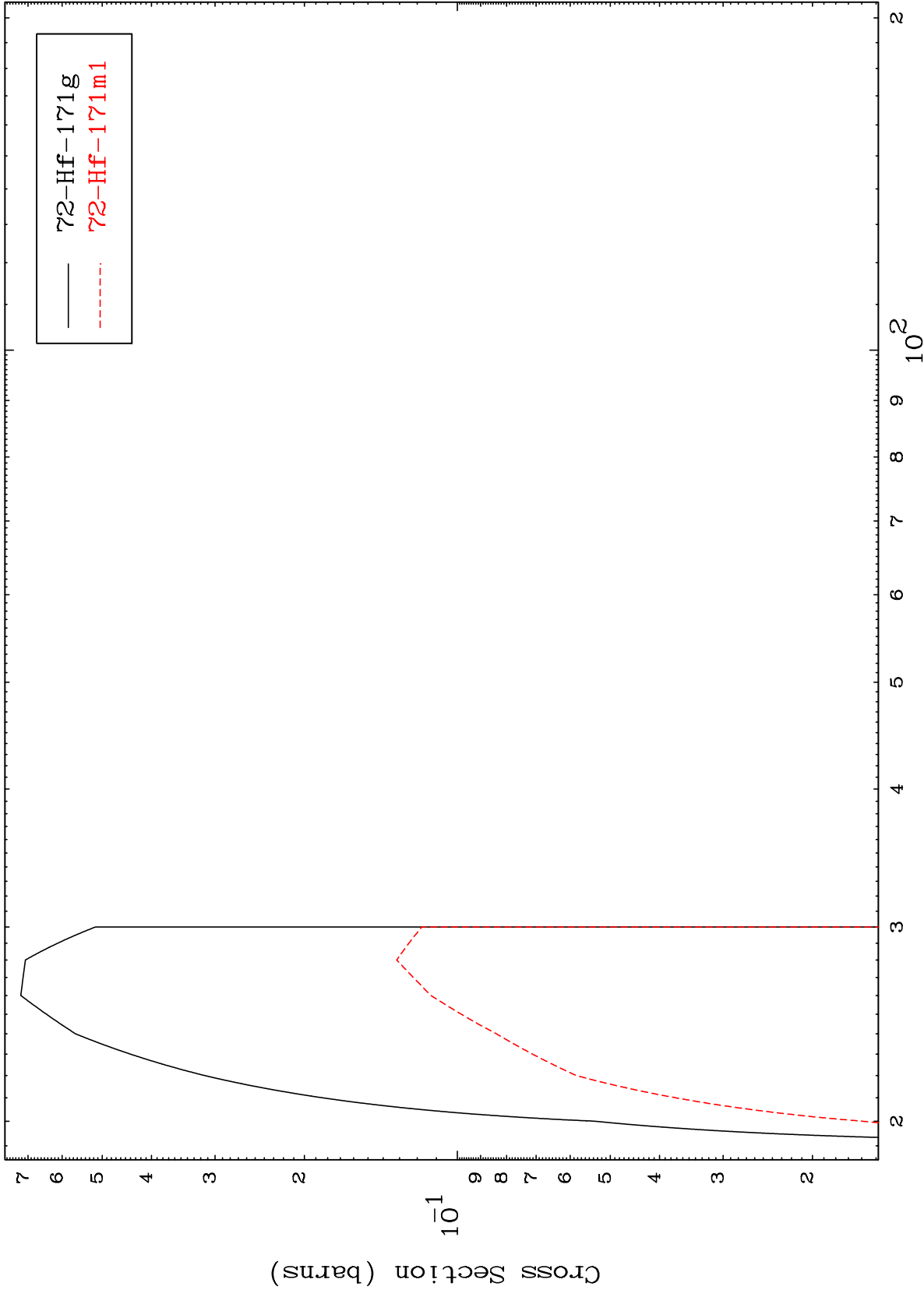
70-Yb-169

MAT 7029

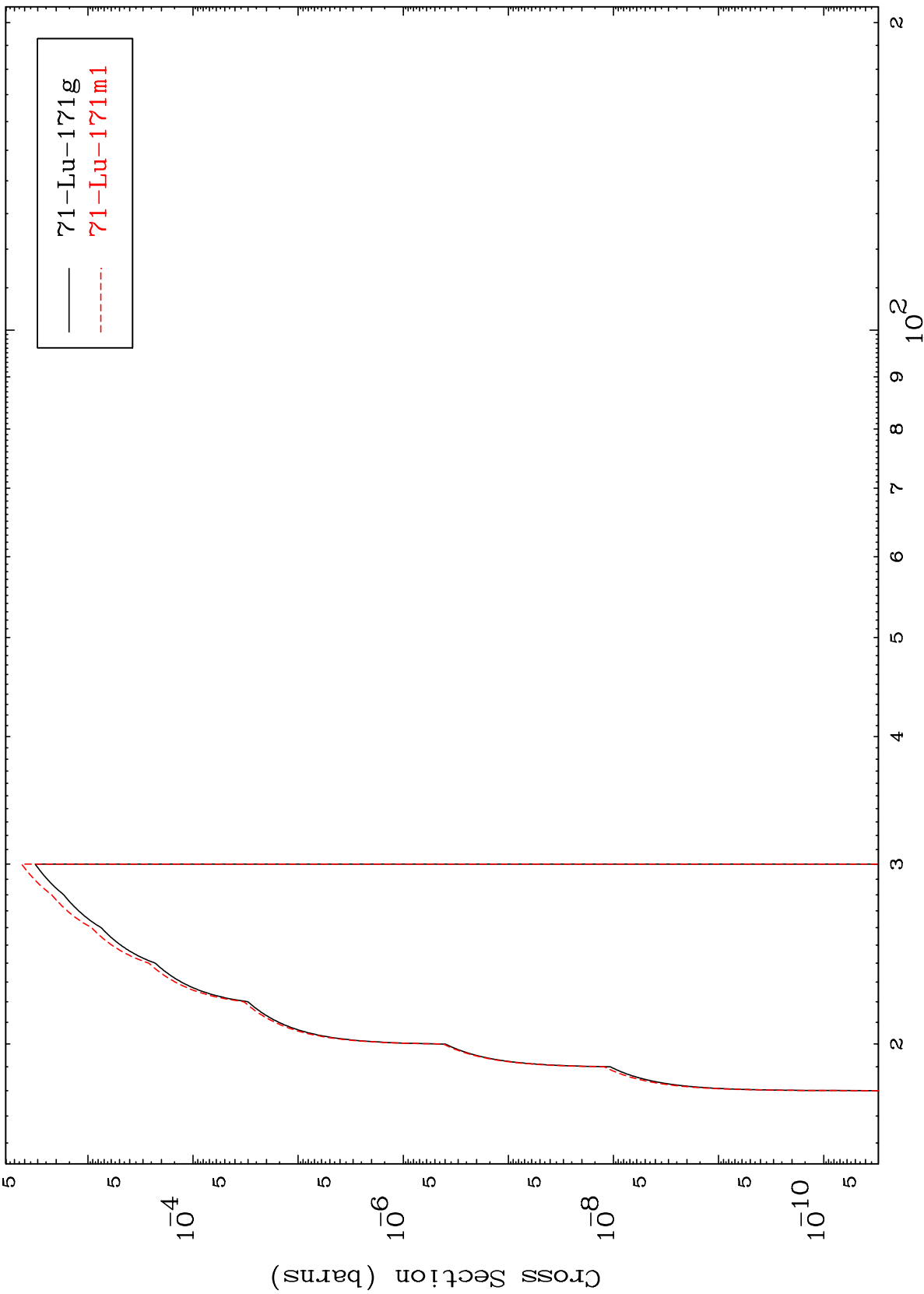
($\alpha, 2n$)

70-Yb-169

Radionuclide Production Cross Section



Radionuclide Production Cross Section

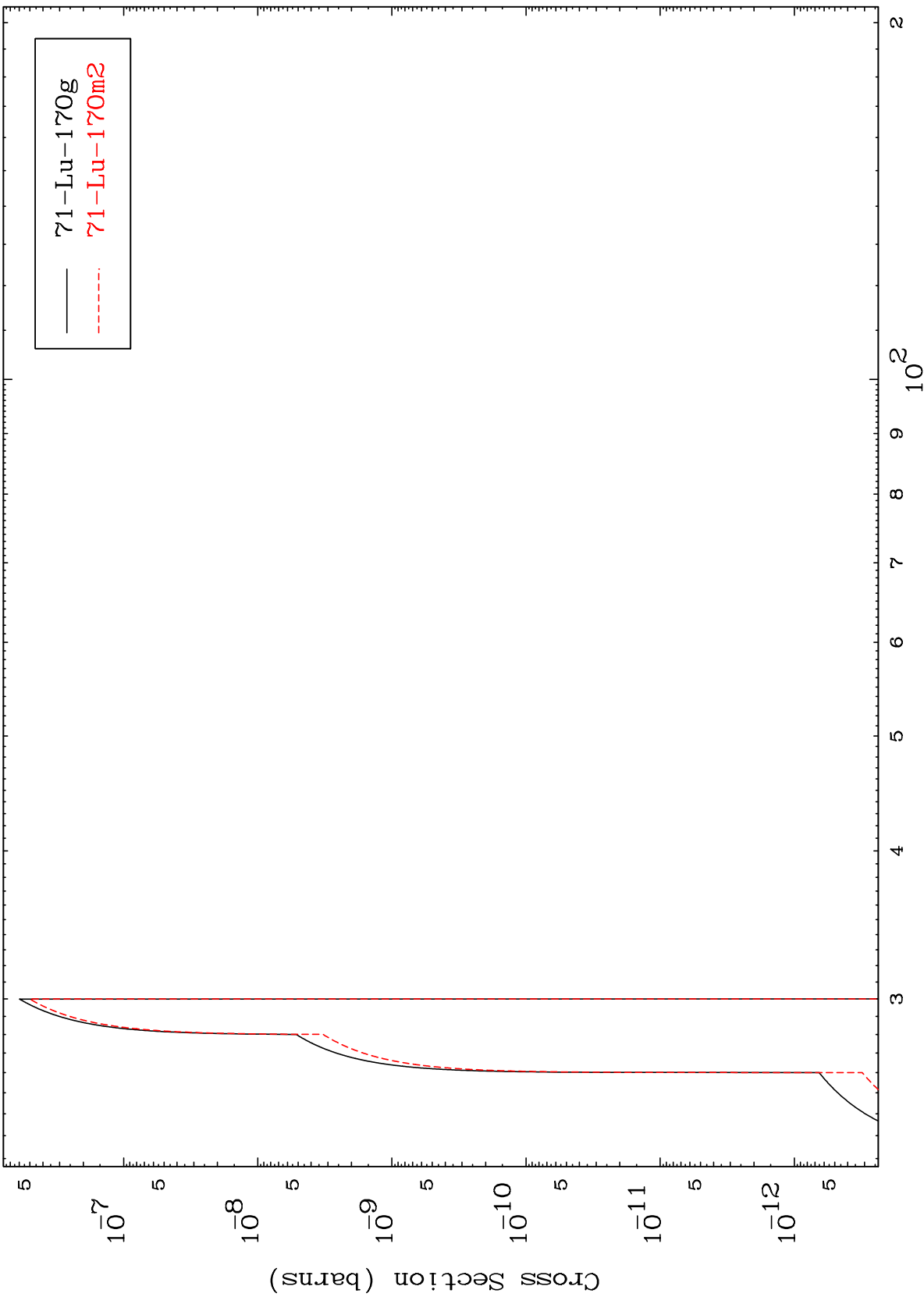


MAT 7029

(α, n') d

70-Yb-169

Radionuclide Production Cross Section



71-Lu-170g
71-Lu-170m2

13

Incident Energy (MeV)

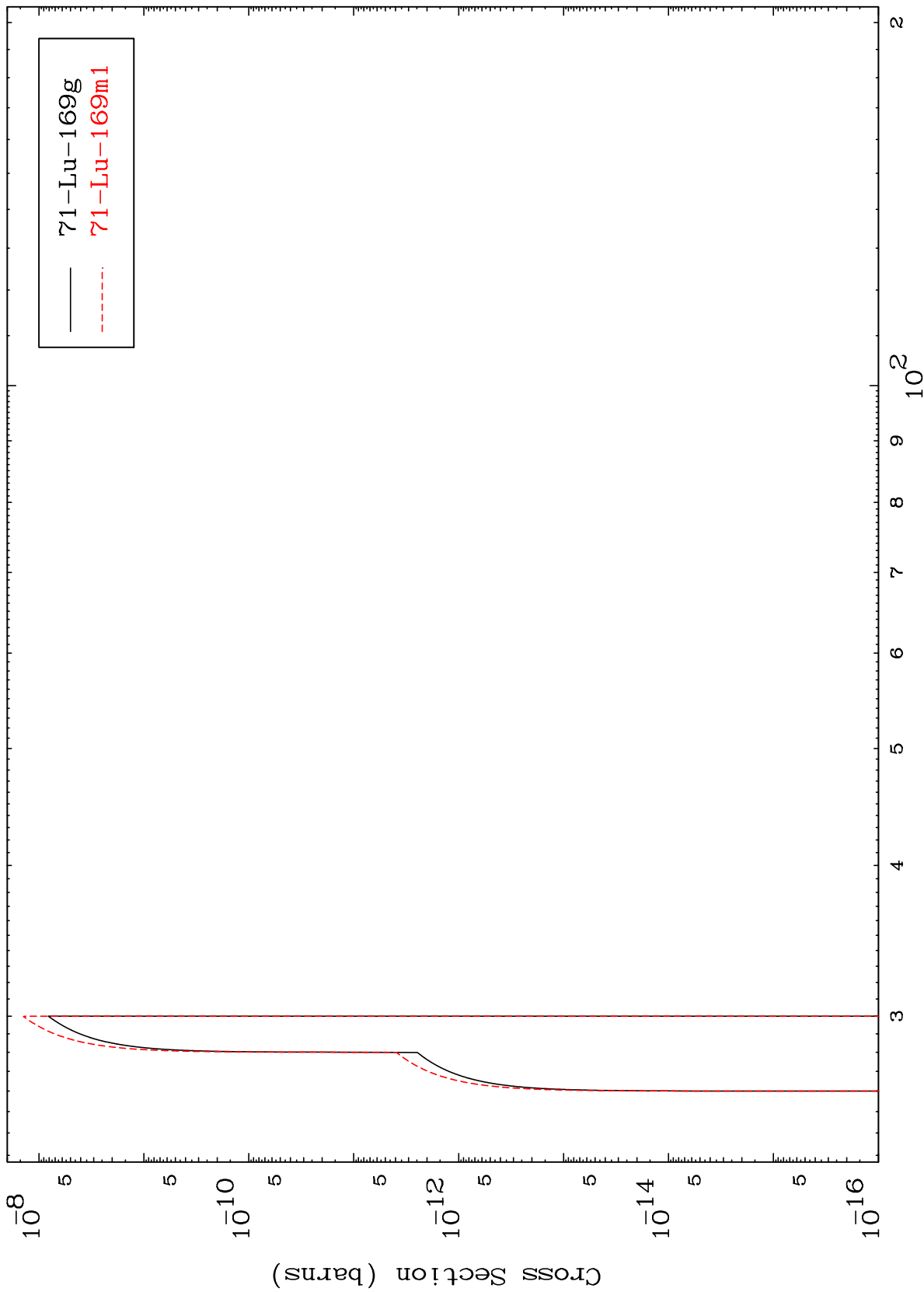
70-Yb-169

MAT 7029

(α, n') t

70-Yb-169

Radionuclide Production Cross Section



14

Incident Energy (MeV)

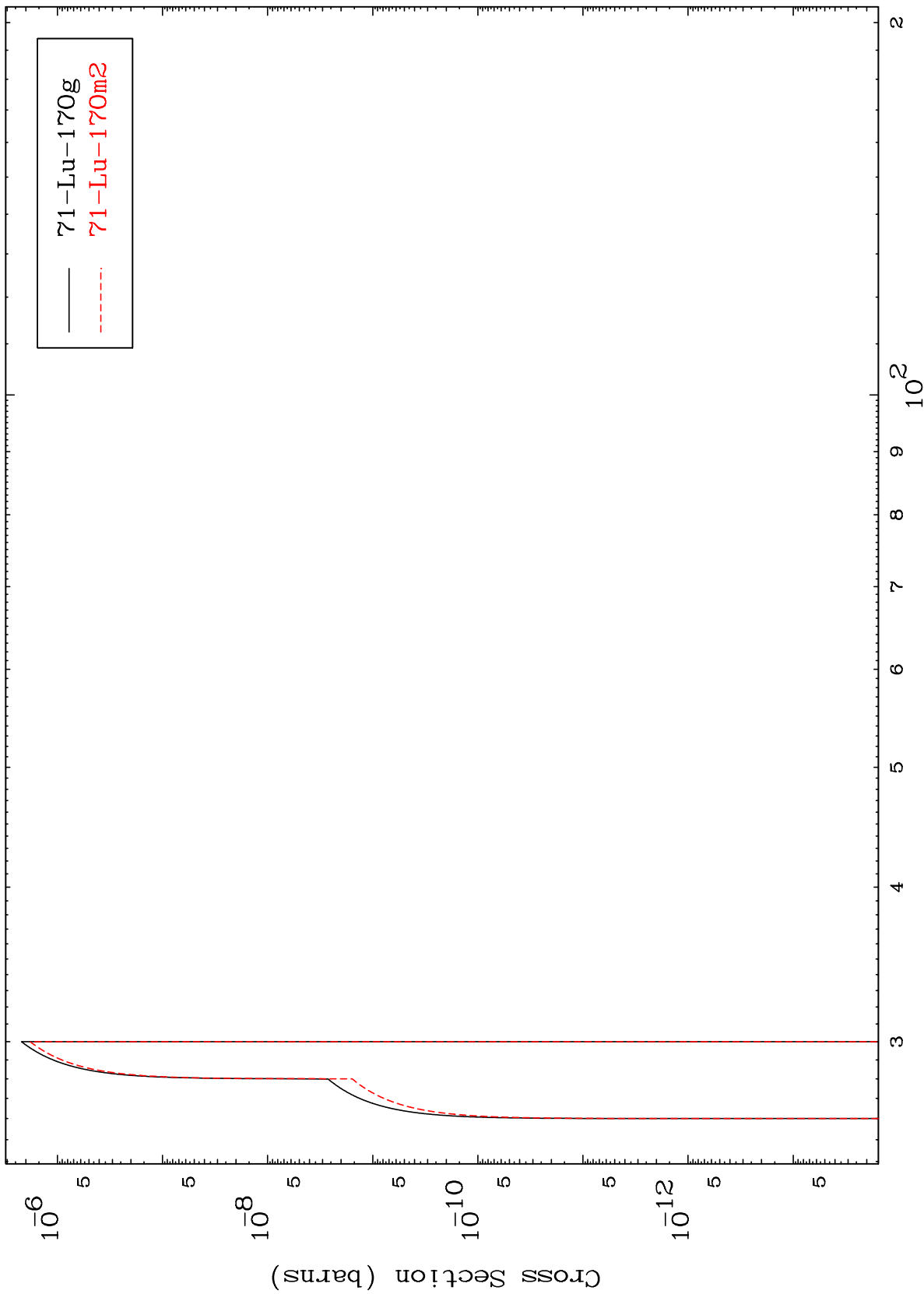
70-Yb-169

MAT 7029

$(\alpha, 2n)$ p

70-Yb-169

Radionuclide Production Cross Section



15

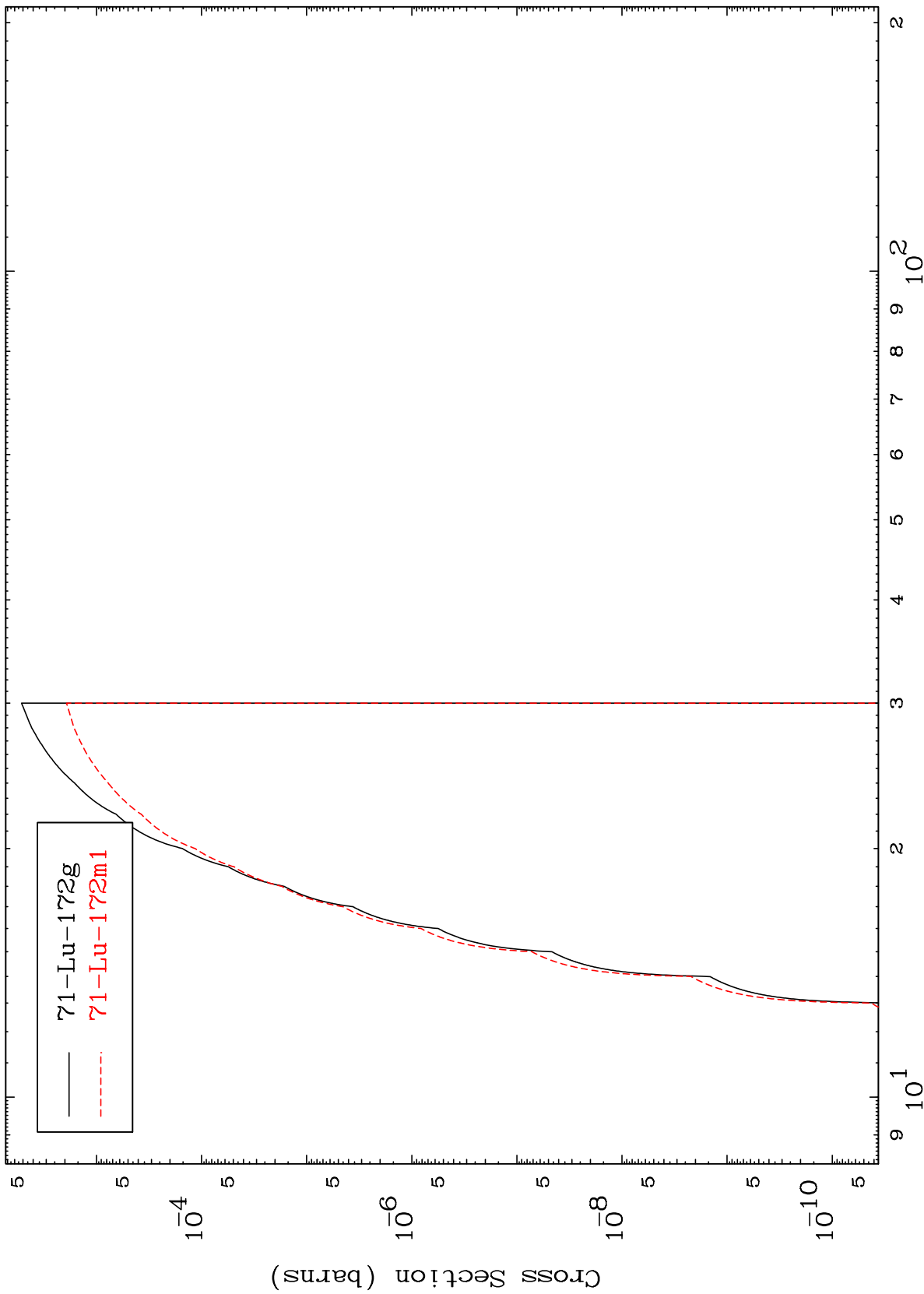
Incident Energy (MeV)

70-Yb-169

MAT 7029

70-Yb-169

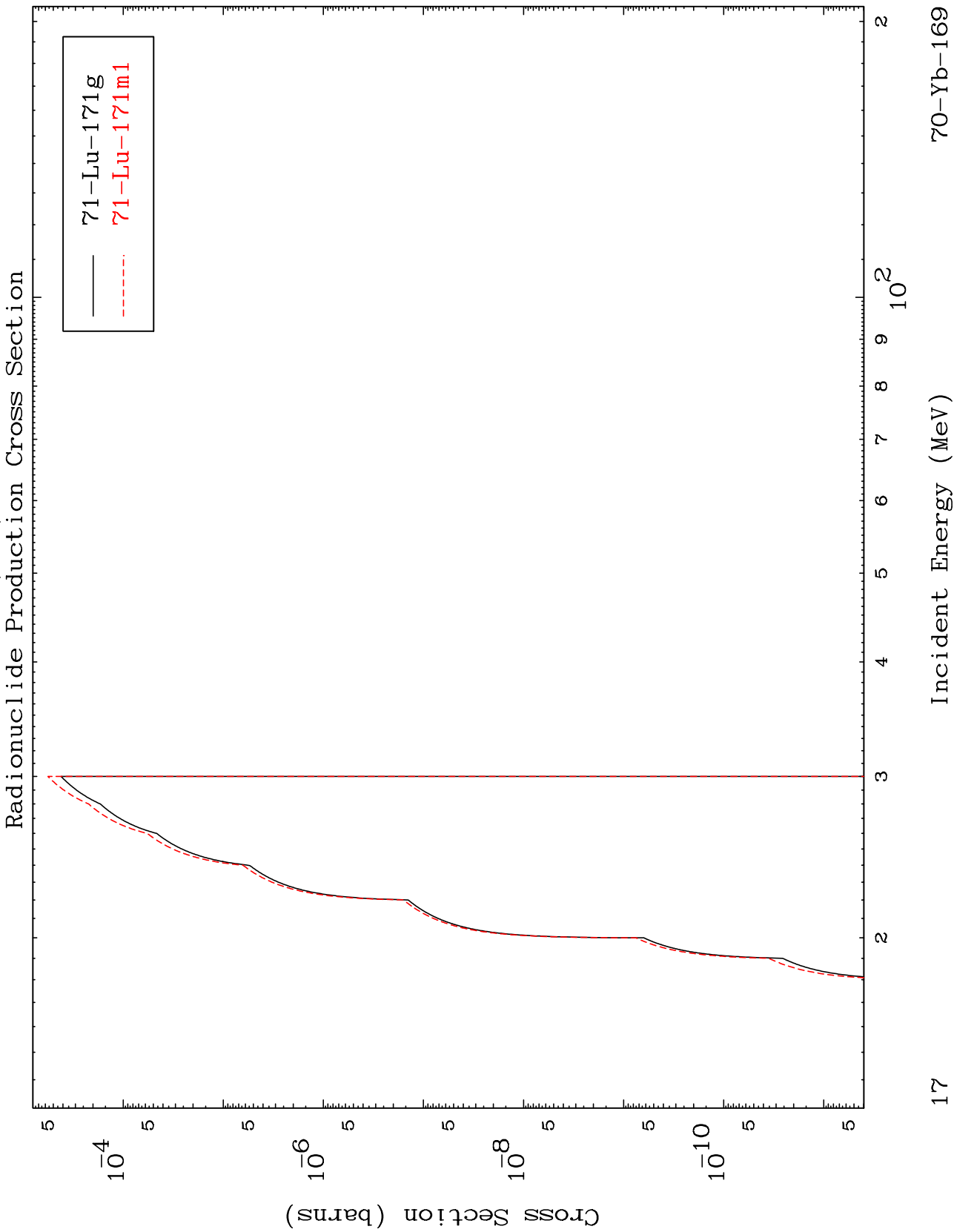
(α, p)
Radionuclide Production Cross Section



70-Yb-169

Incident Energy (MeV)

16

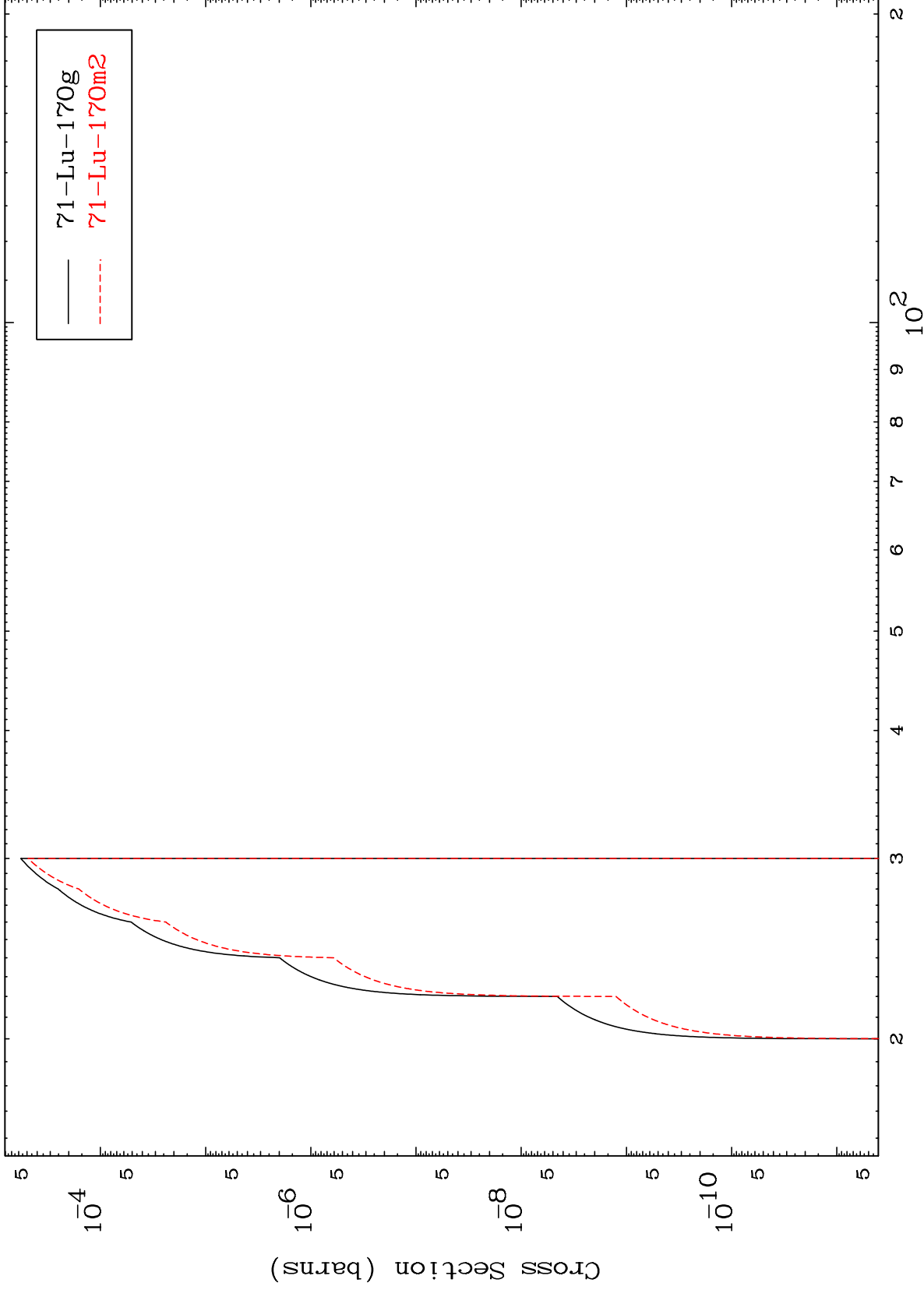


MAT 7029

(α, t)

70-Yb-169

Radionuclide Production Cross Section



18

Incident Energy (MeV)

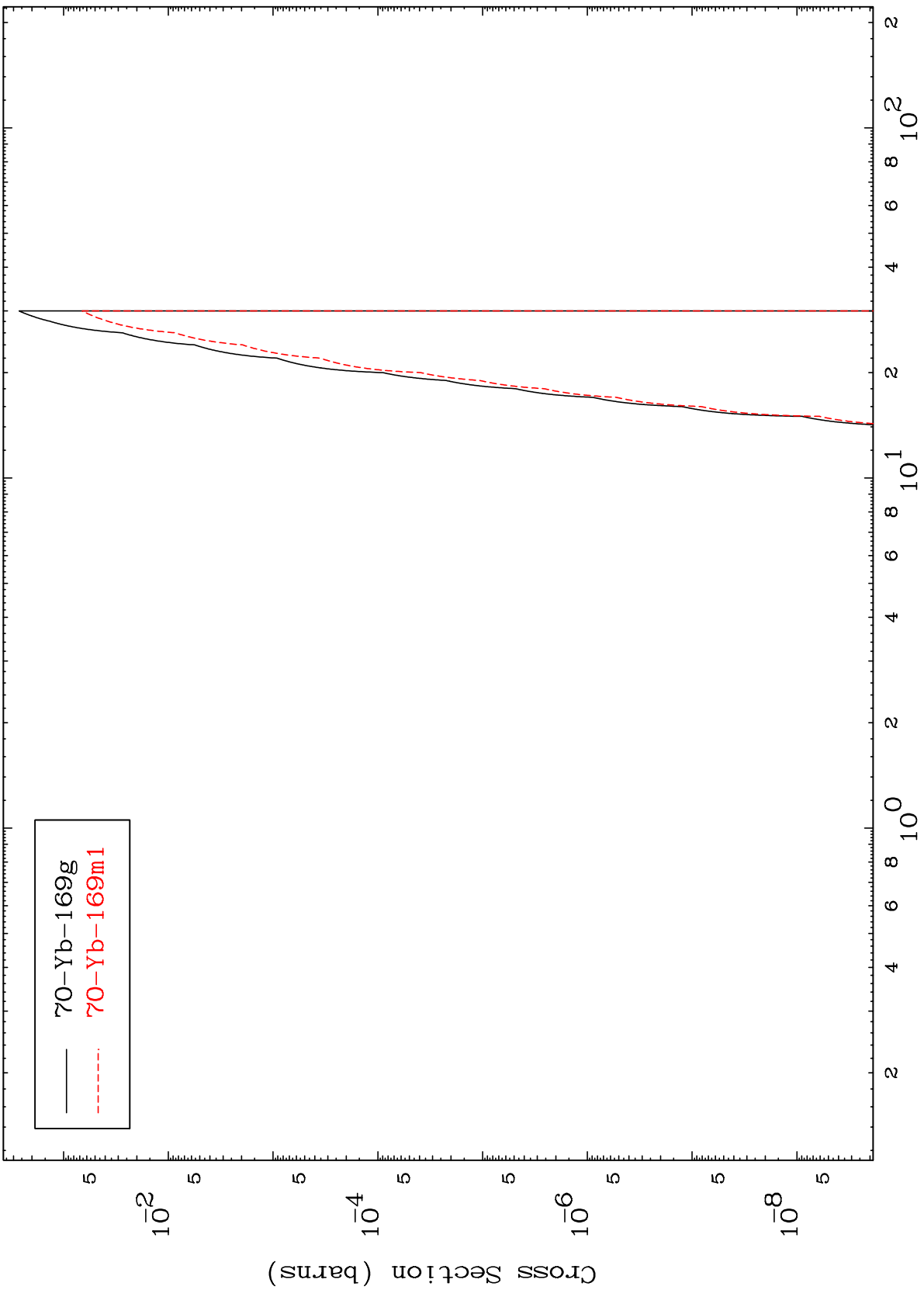
70-Yb-169

MAT 7029

(α, α)

$^{70}\text{Yb-169}$

Radionuclide Production Cross Section



— $^{70}\text{Yb-169g}$
- - - $^{70}\text{Yb-169m1}$