

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

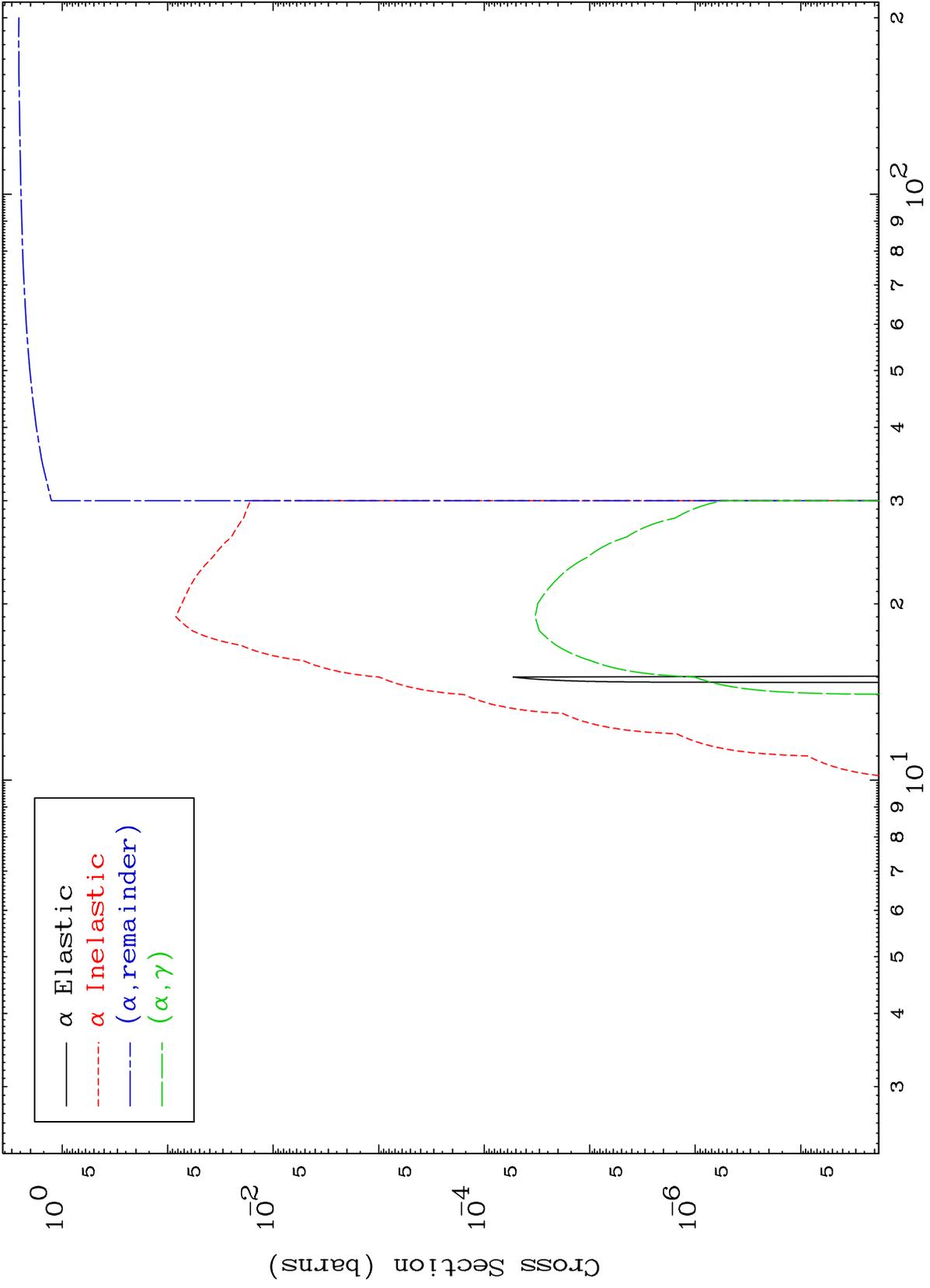
Press Mouse Button to Start

MAT 7034

α Major

70-Yb-171

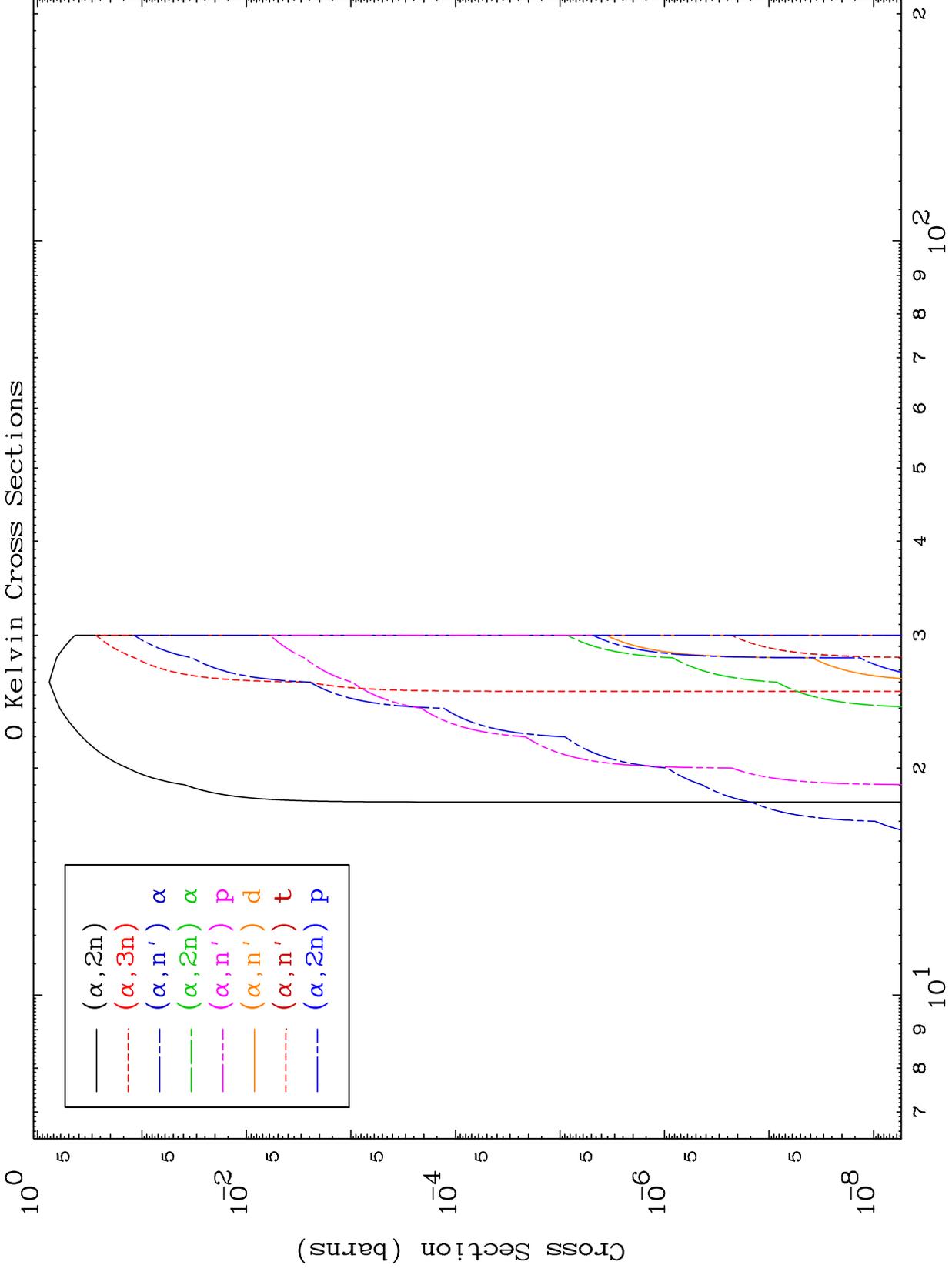
0 Kelvin Cross Sections



MAT 7034

α Neutron Production
0 Kelvin Cross Sections

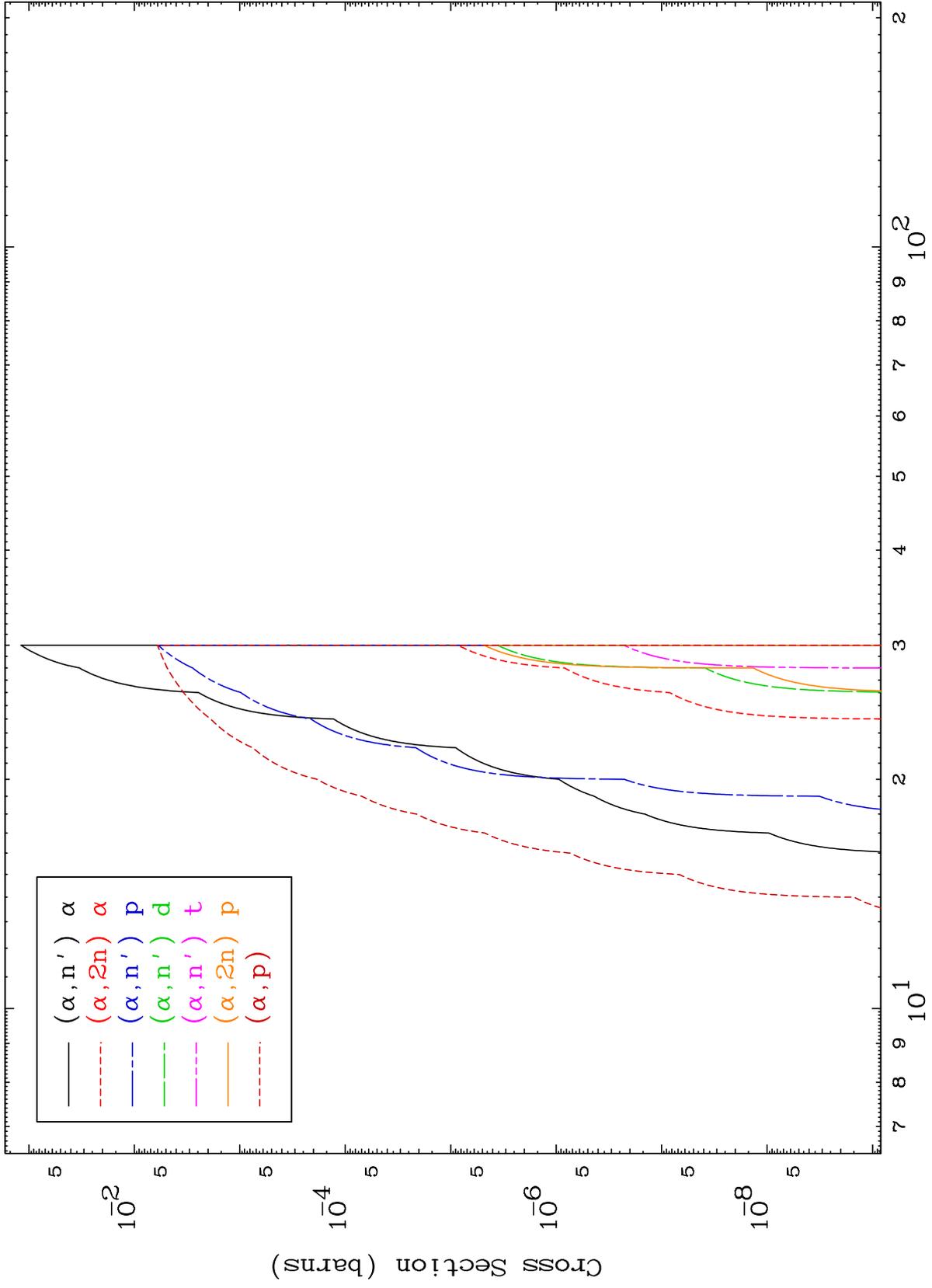
70-Yb-171



2

Incident Energy (MeV)

70-Yb-171

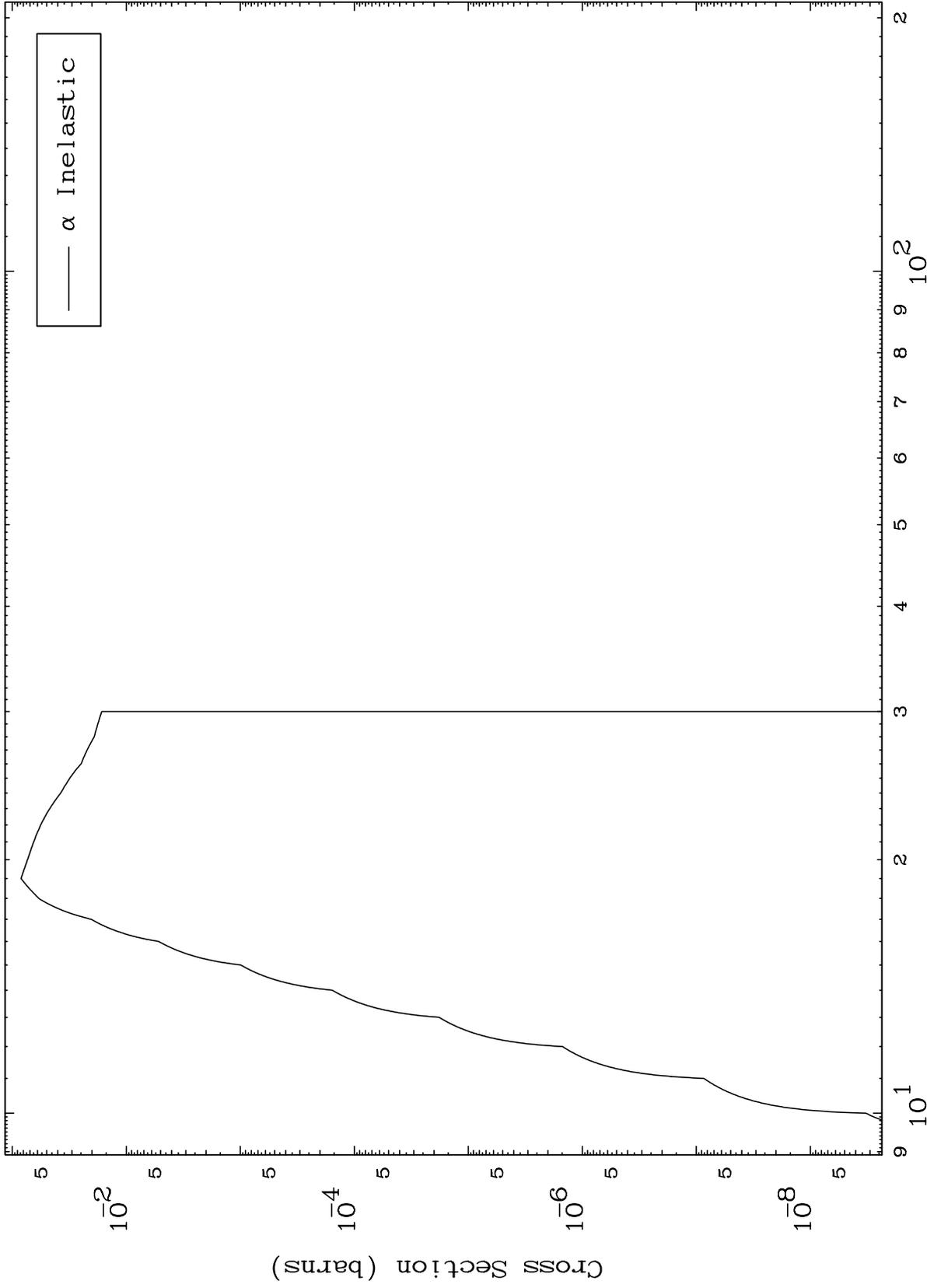


MAT 7034

(α, n') Level

70-Yb-171

0 Kelvin Cross Sections



Incident Energy (MeV)

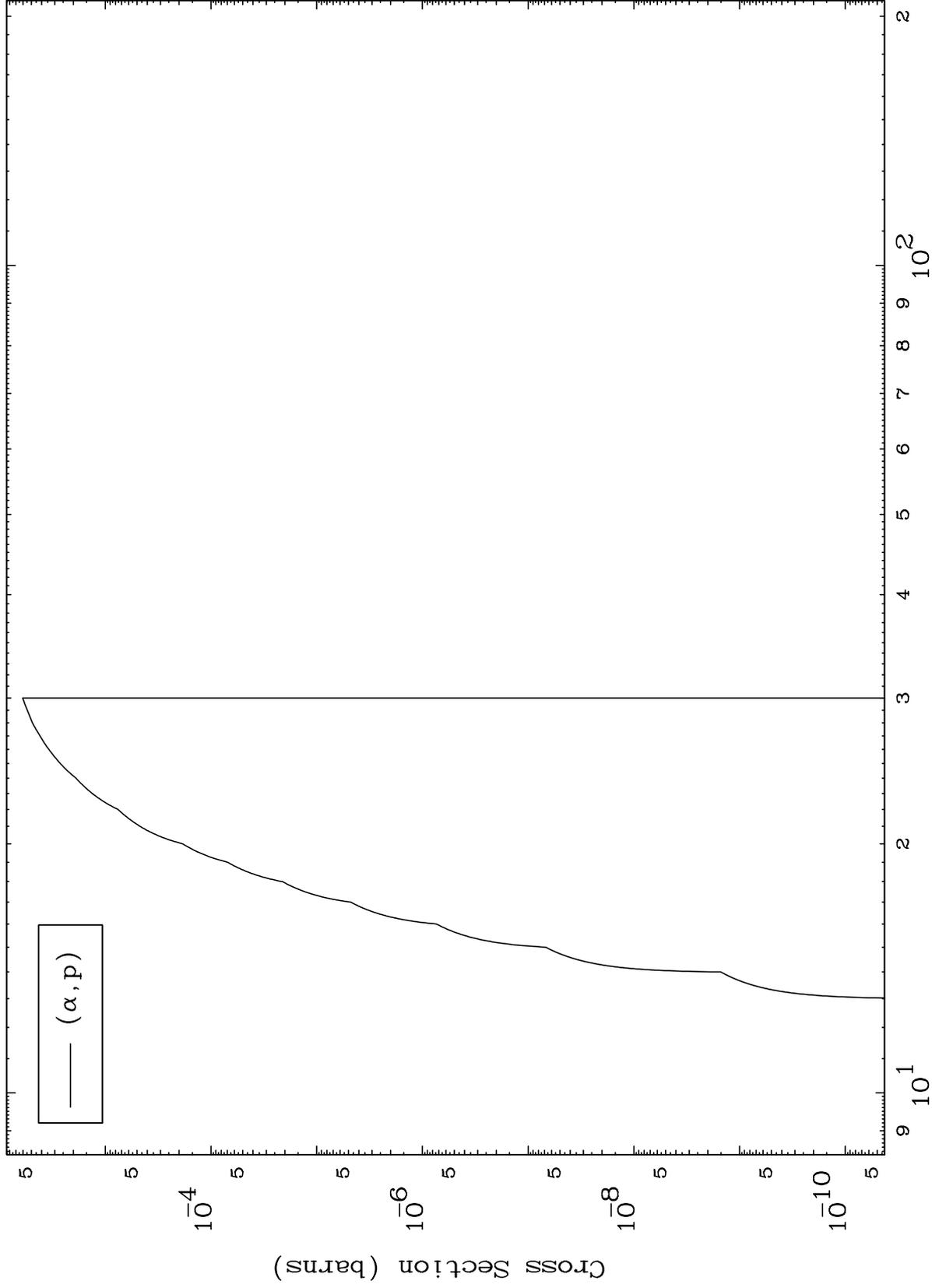
70-Yb-171

MAT 7034

(α, p) Levels

70-Yb-171

0 Kelvin Cross Sections



Incident Energy (MeV)

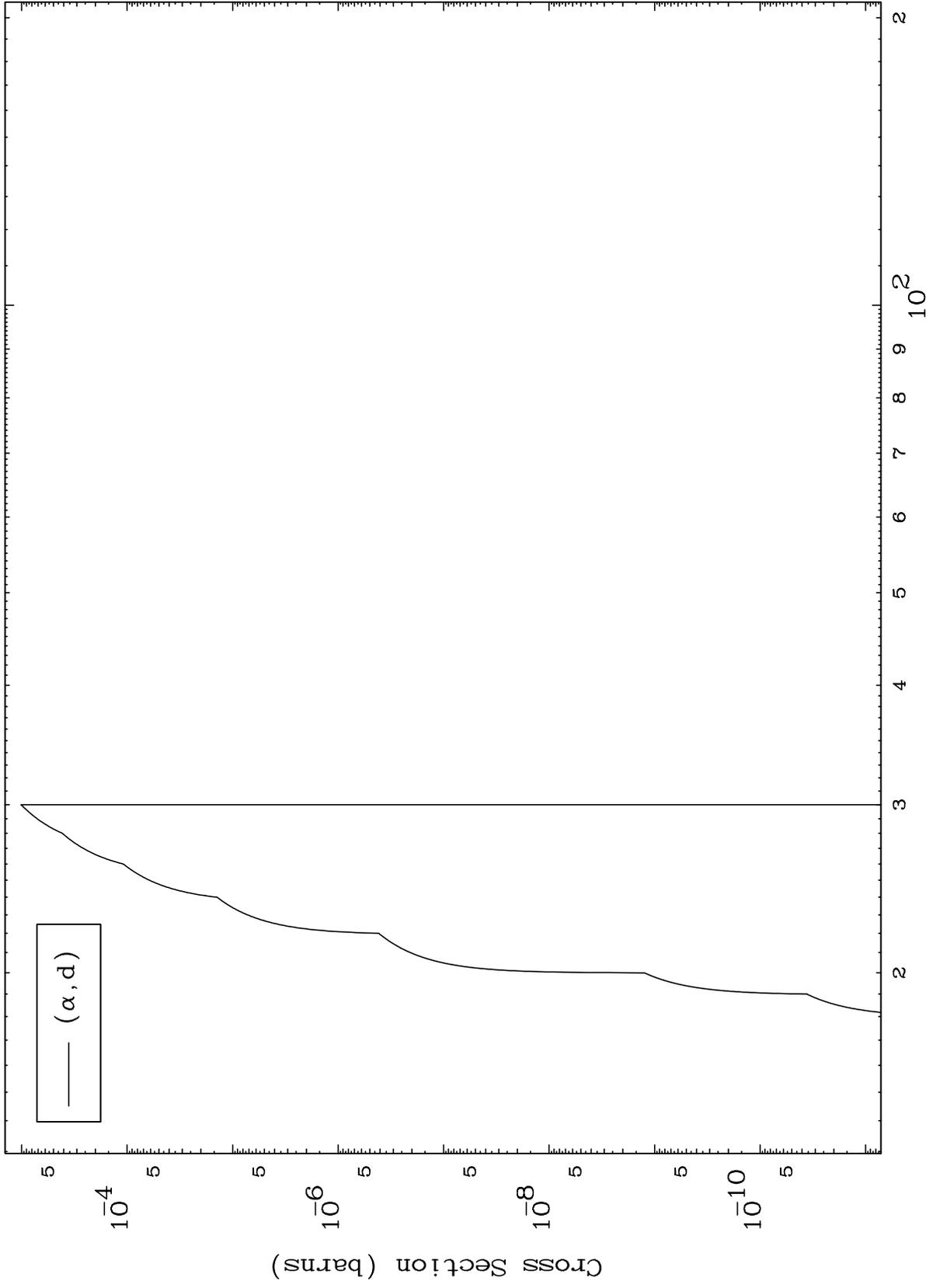
70-Yb-171

6

MAT 7034

(α, d) Levels
0 Kelvin Cross Sections

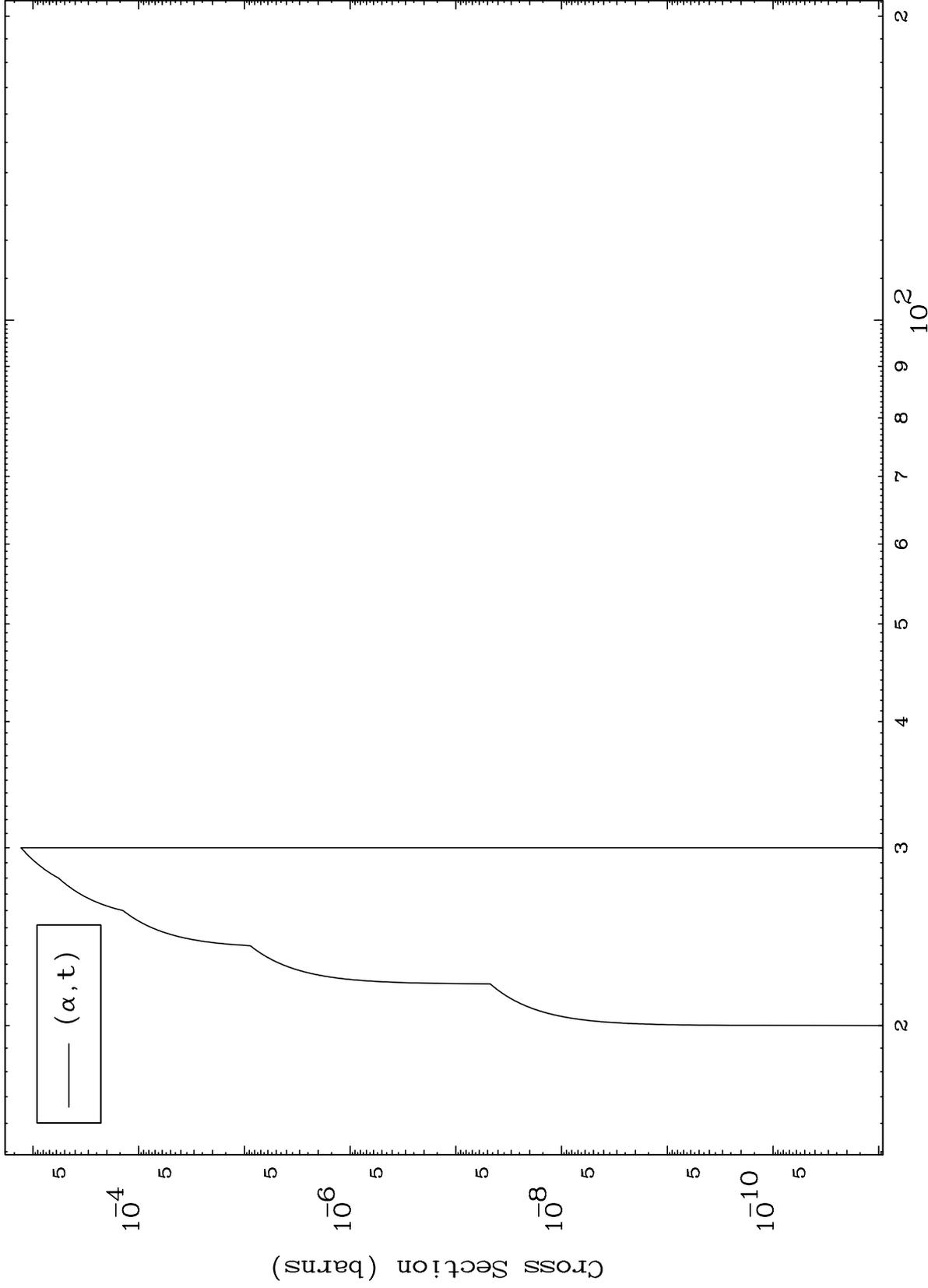
70-Yb-171

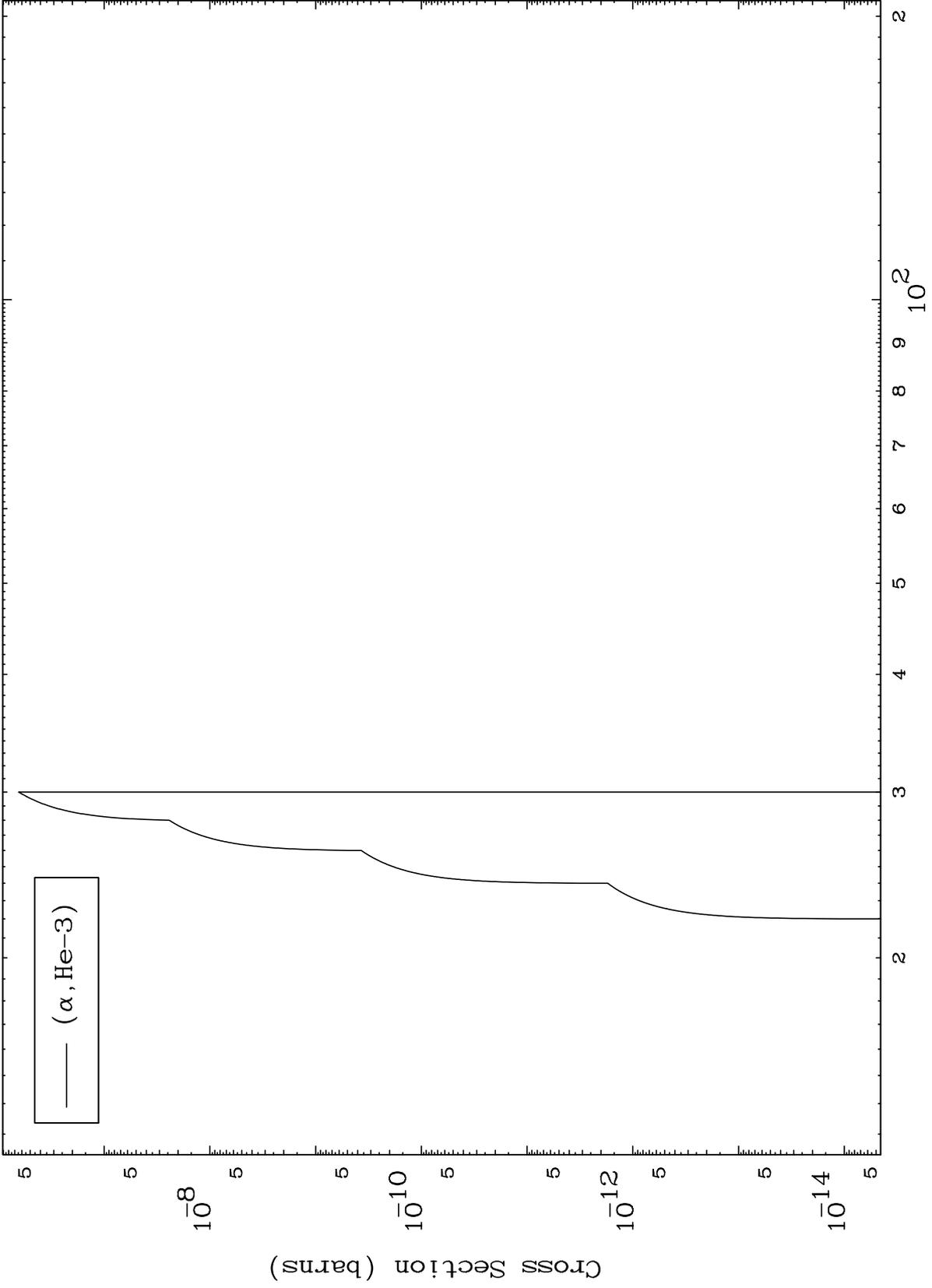


7

Incident Energy (MeV)

70-Yb-171



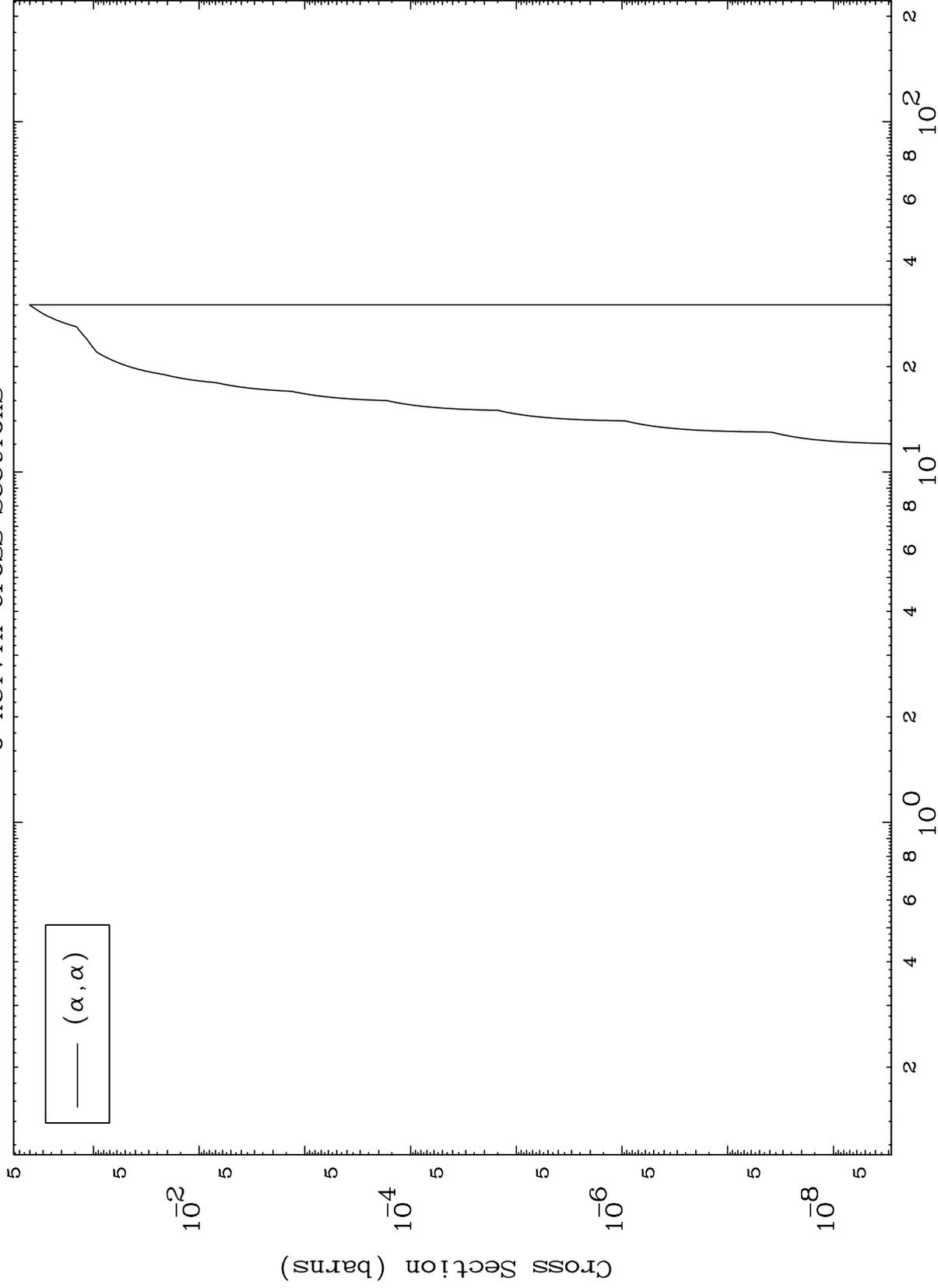


MAT 7034

(α, α) Levels

70-Yb-171

0 Kelvin Cross Sections



10

Incident Energy (MeV)

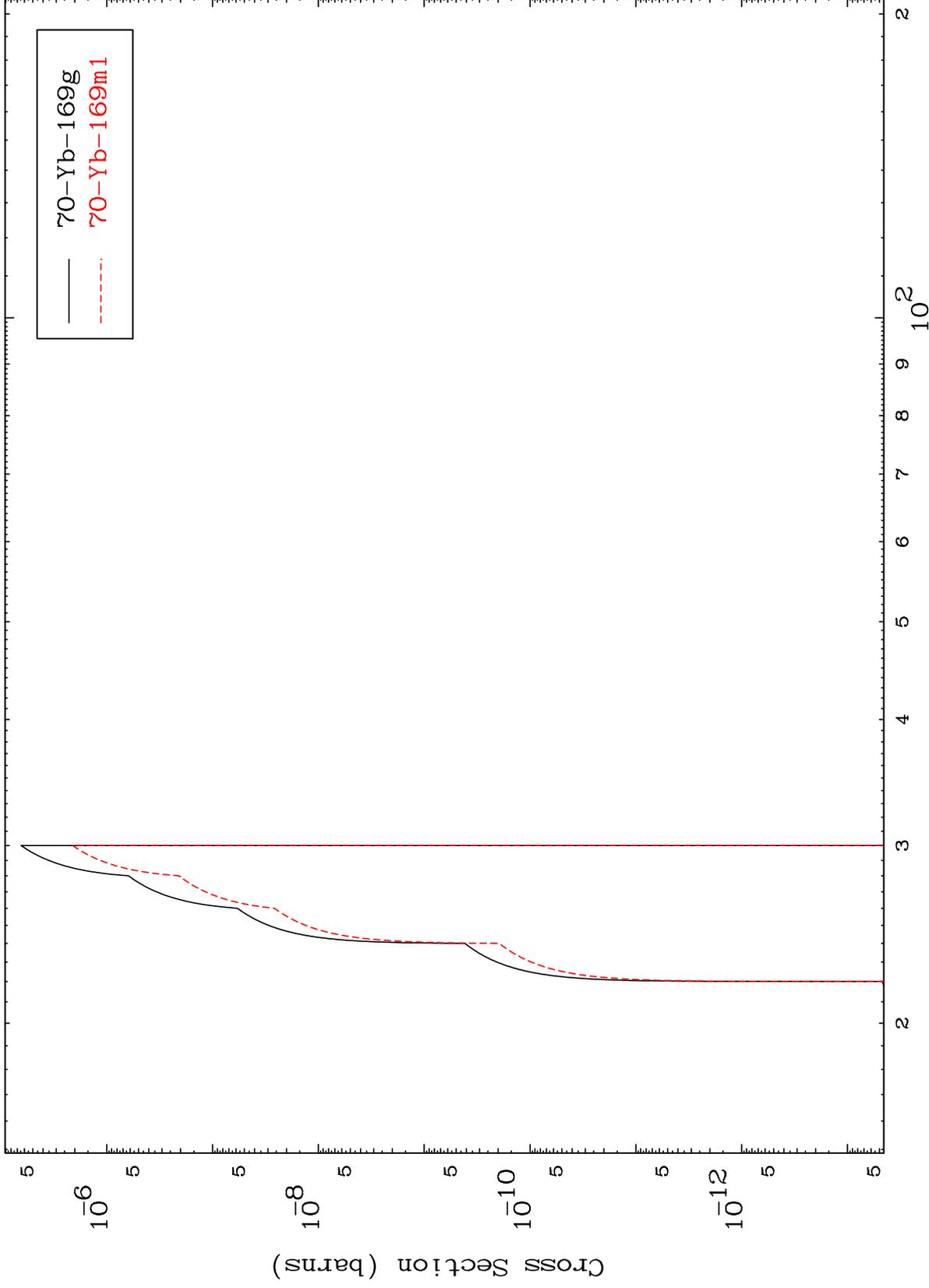
70-Yb-171

MAT 7034

$(\alpha, 2n) \alpha$

$^{70}\text{Yb-171}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

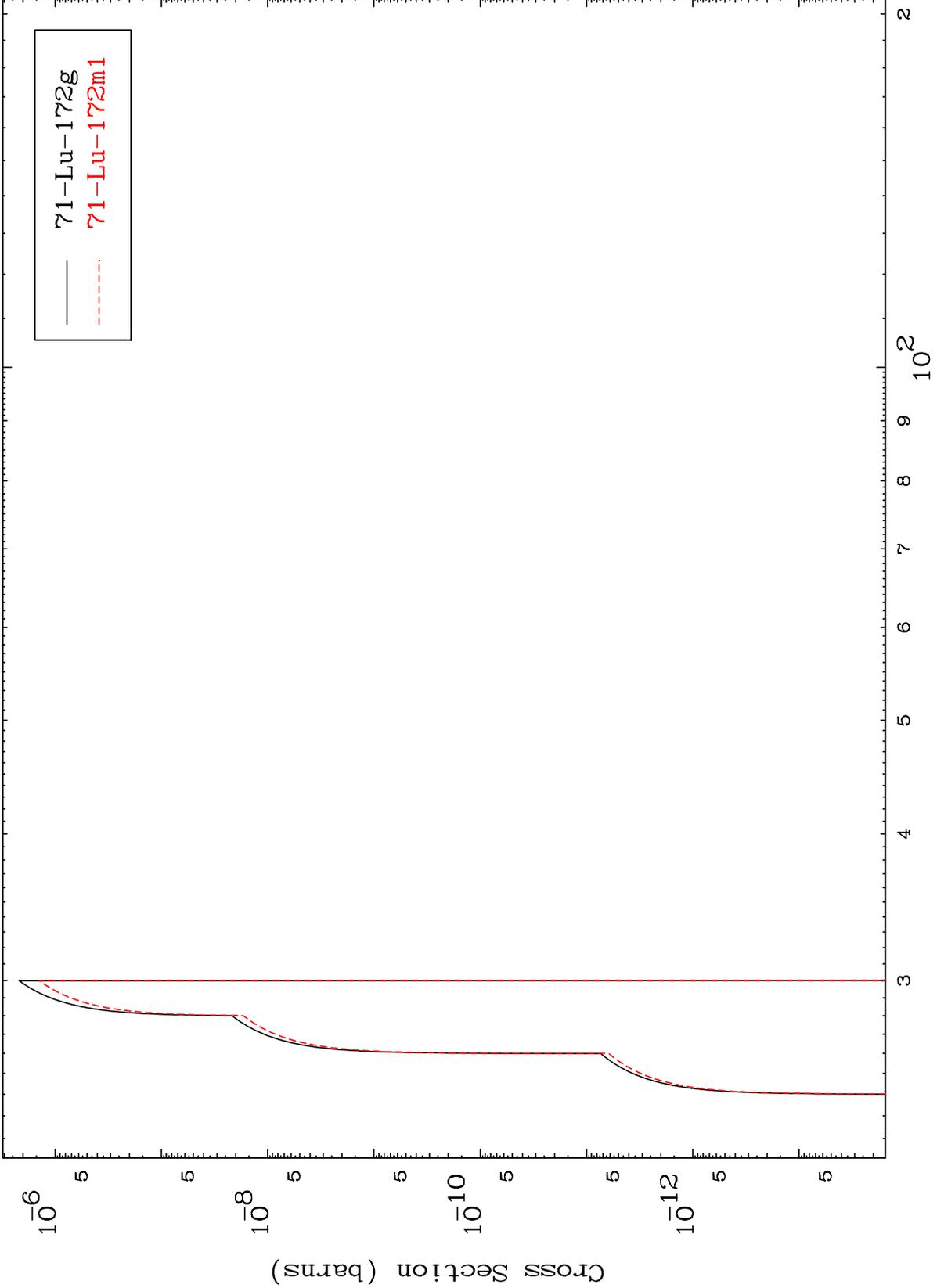
$^{70}\text{Yb-171}$

MAT 7034

(α, n') d

70-Yb-171

Radionuclide Production Cross Section

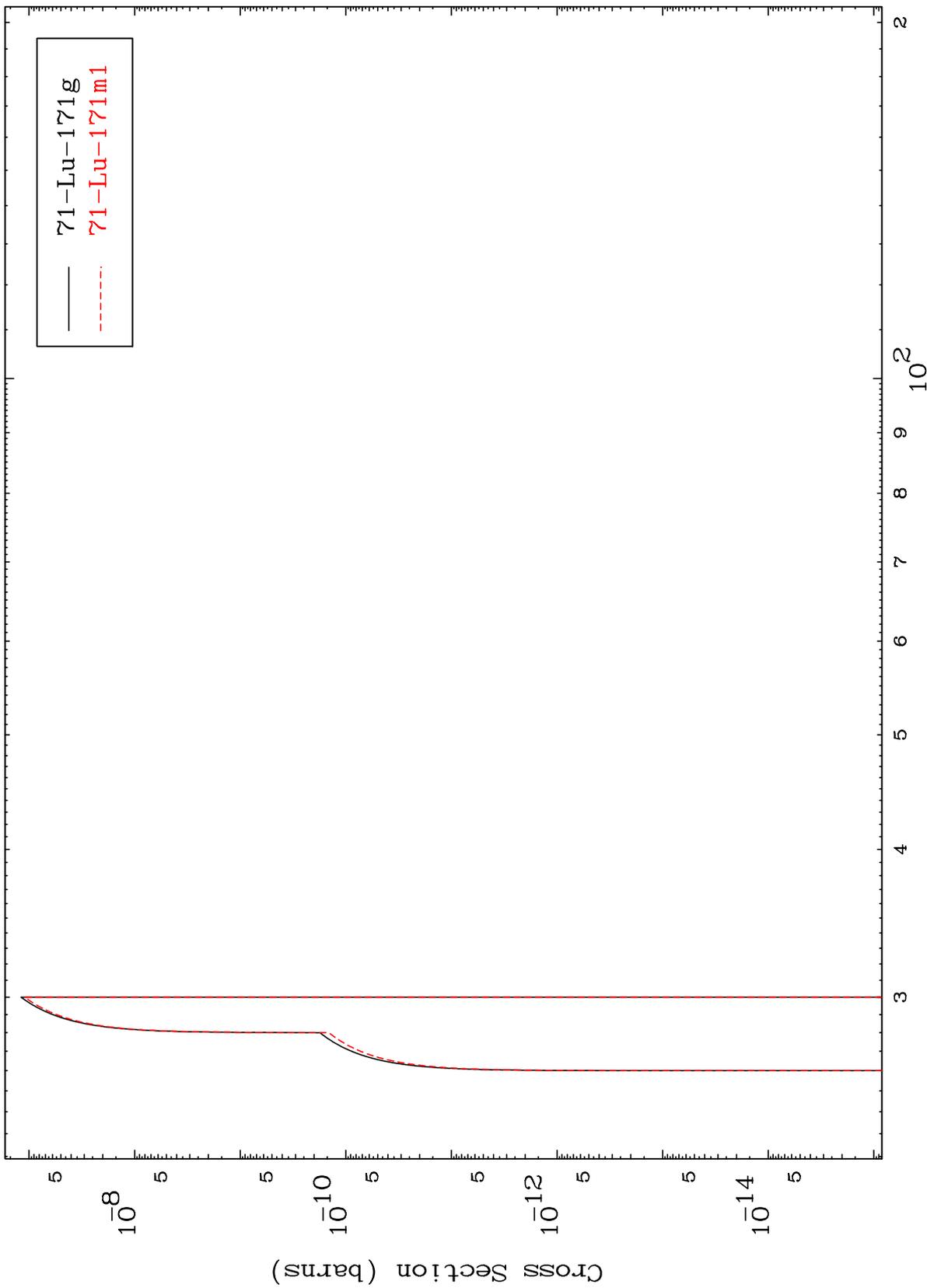


12

Incident Energy (MeV)

70-Yb-171

Radionuclide Production Cross Section

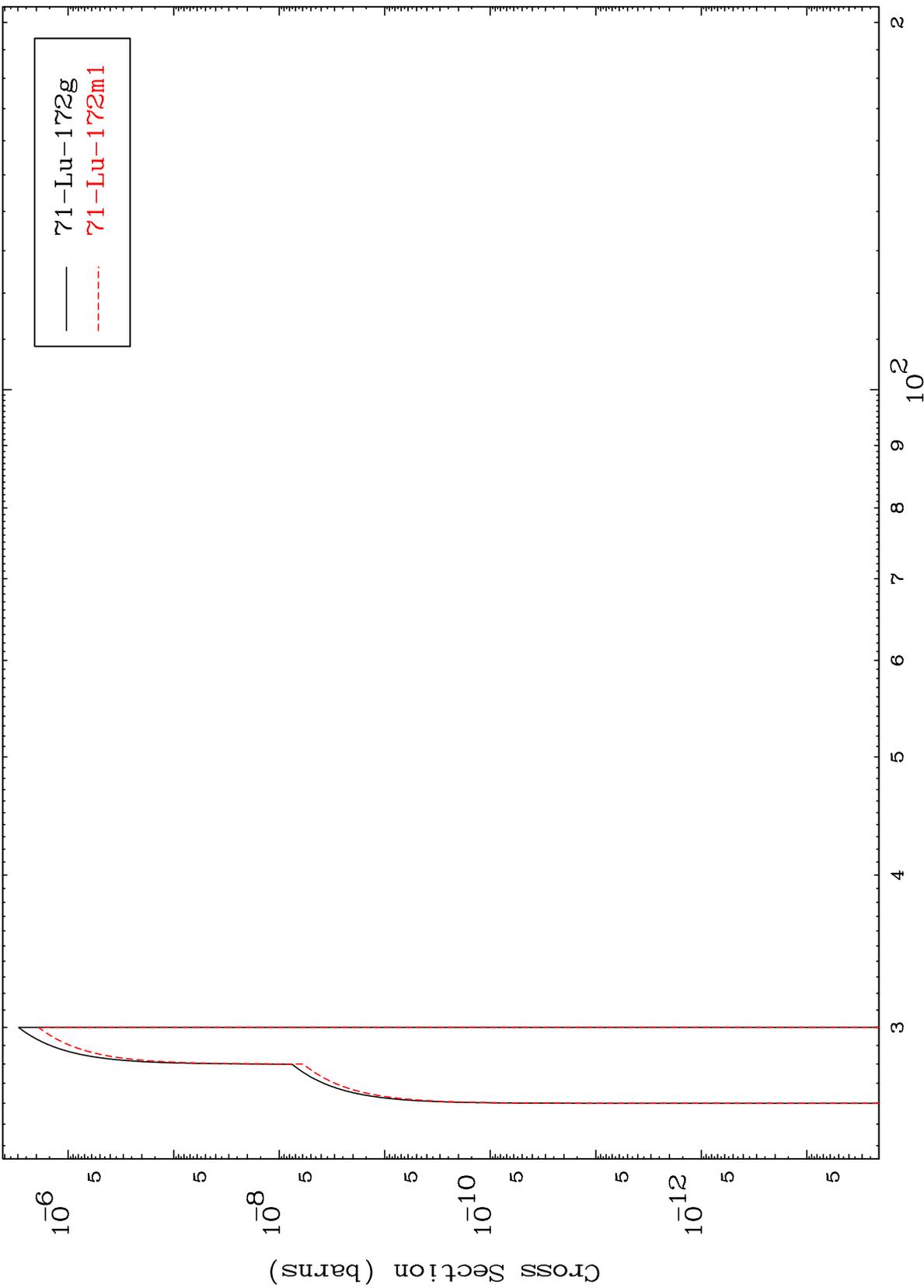


MAT 7034

($\alpha, 2n$) p

70-Yb-171

Radionuclide Production Cross Section



14

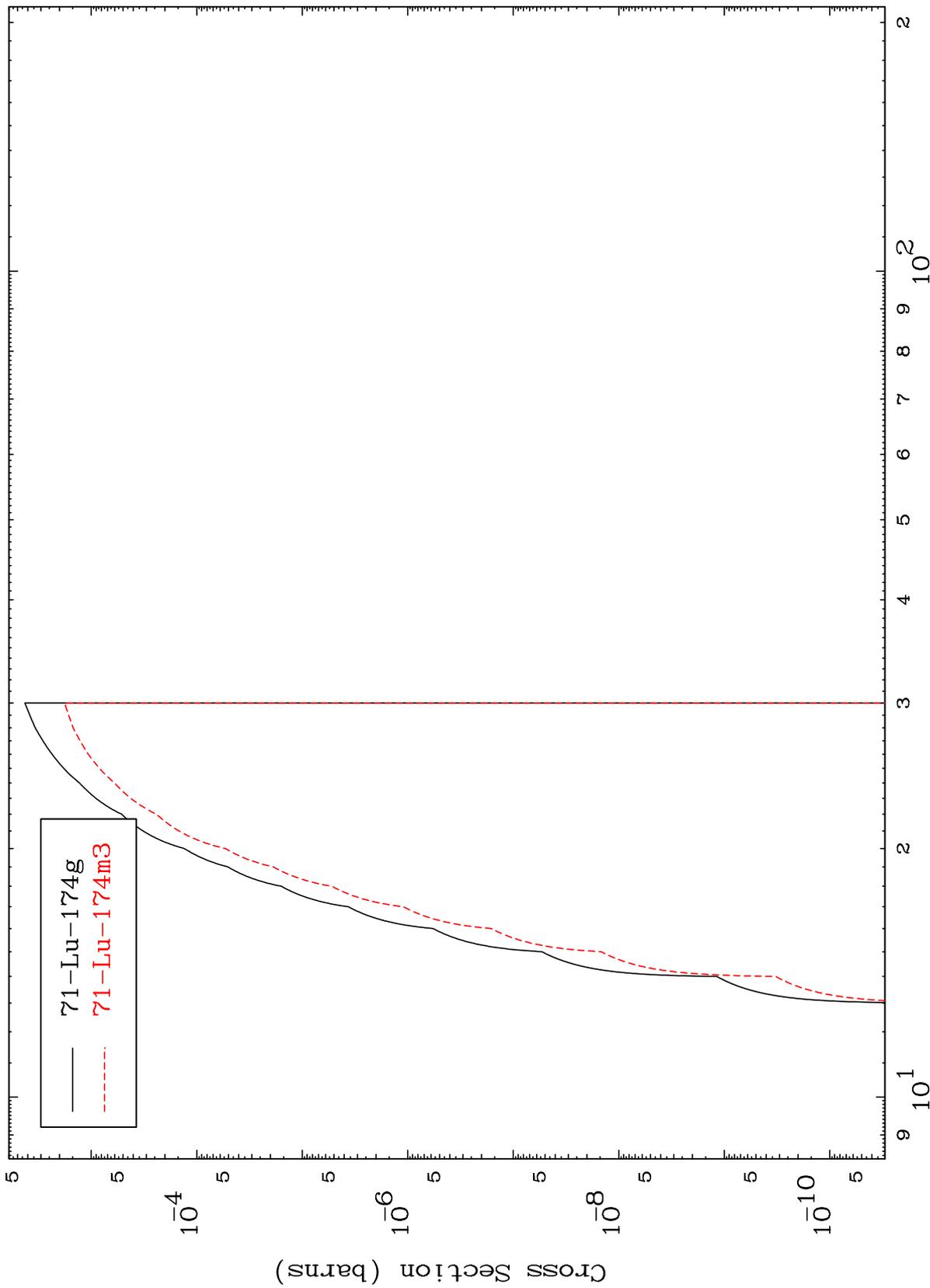
Incident Energy (MeV)

70-Yb-171

MAT 7034

70-Yb-171

(α, p)
Radionuclide Production Cross Section



70-Yb-171

Incident Energy (MeV)

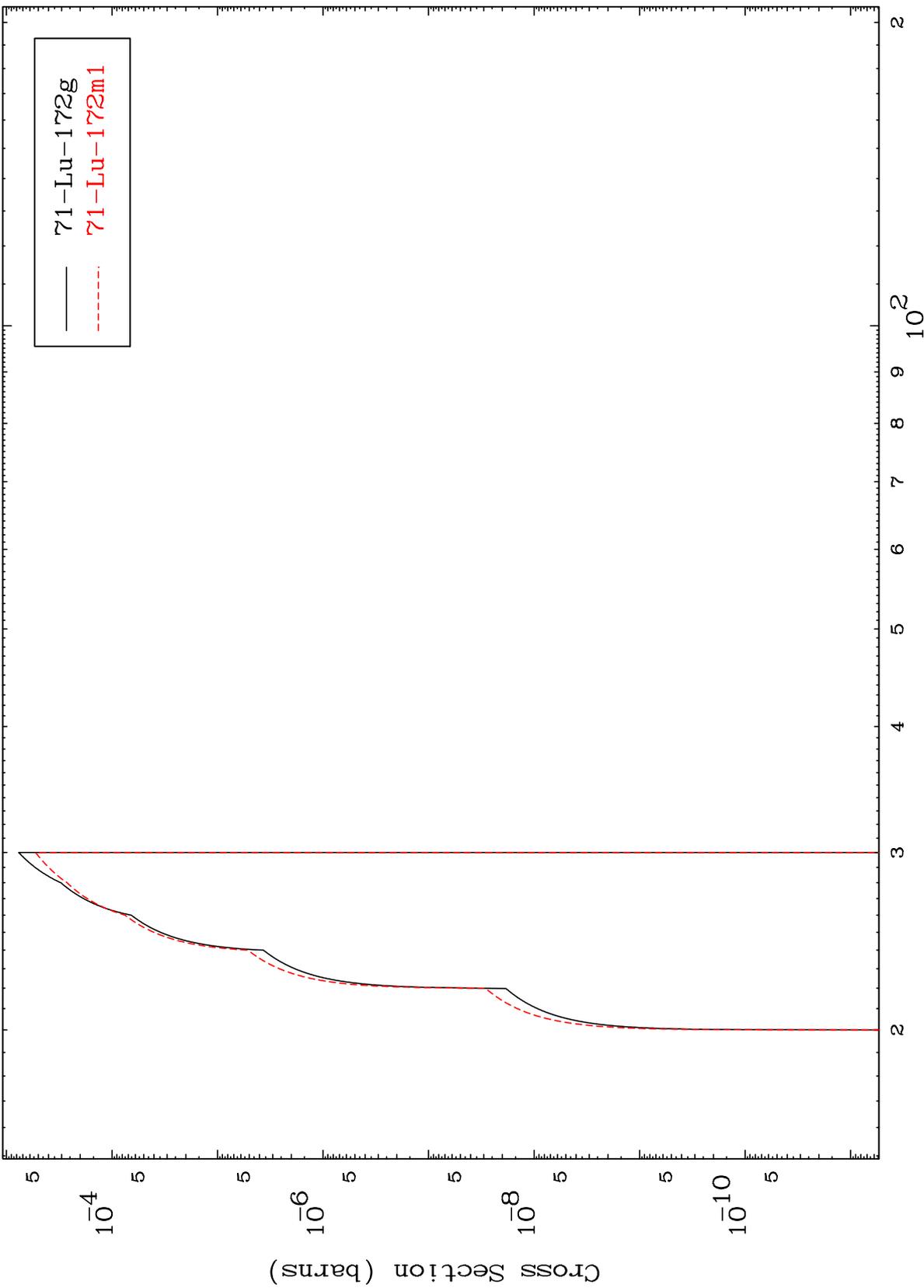
15

MAT 7034

(α, t)

70-Yb-171

Radionuclide Production Cross Section



16

Incident Energy (MeV)

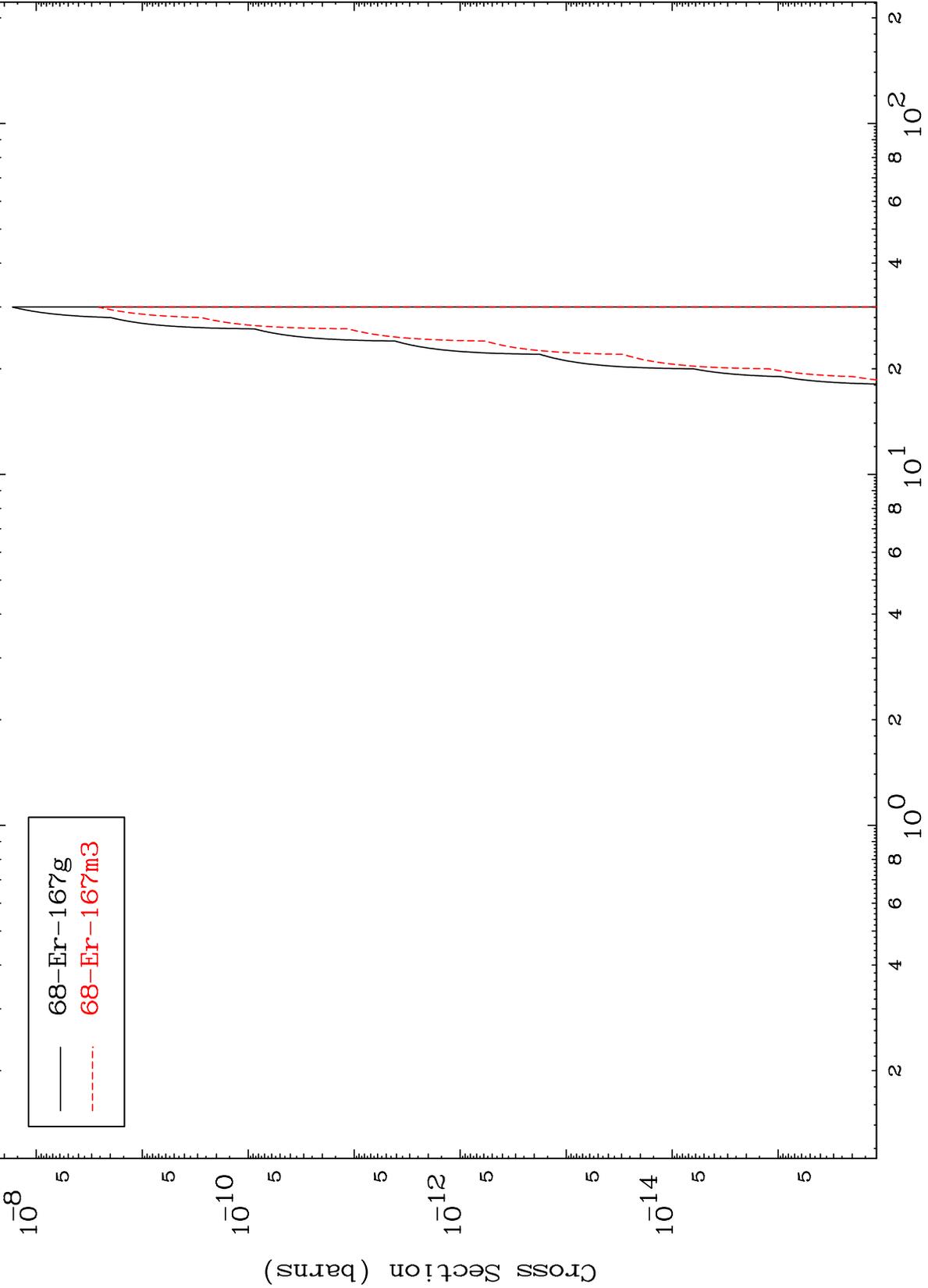
70-Yb-171

MAT 7034

($\alpha, 2\alpha$)

70-Yb-171

Radionuclide Production Cross Section



68-Er-167g
68-Er-167m3