

Program EVALPLOT
(Version 2021-1)

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

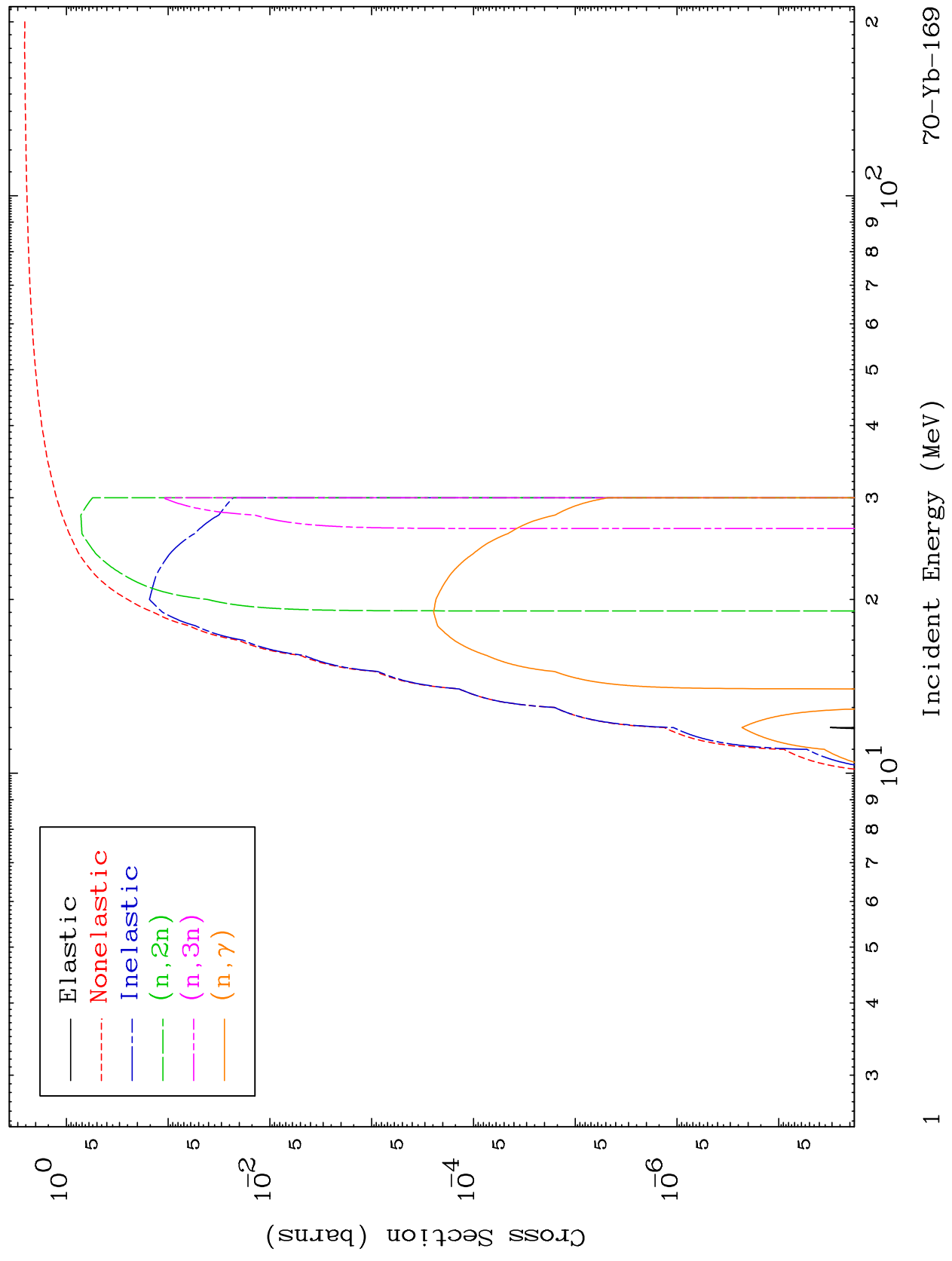
Press Mouse Button to Start

MAT 7028

0 Kelvin

α Major Cross Sections

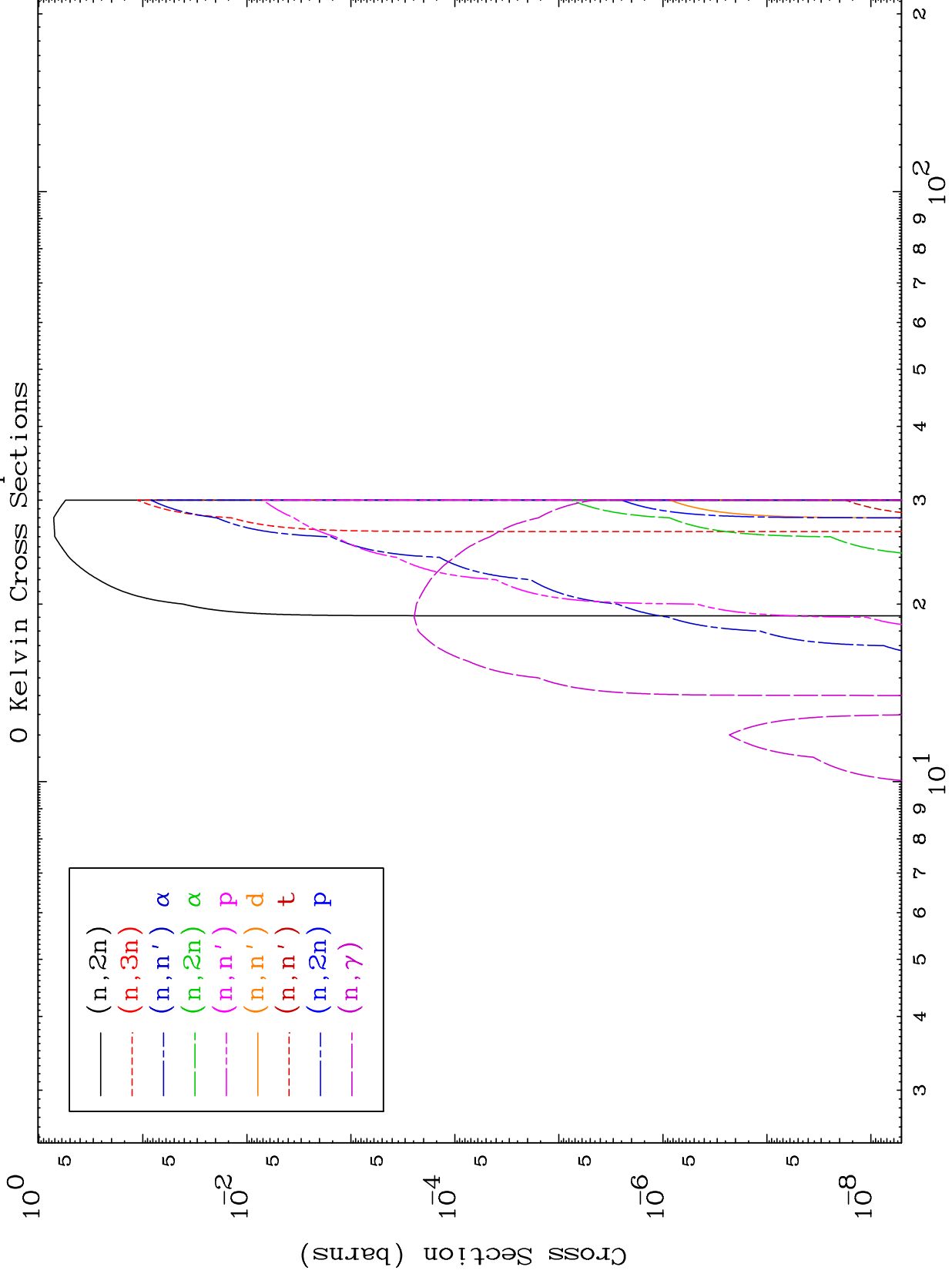
70-Yb-169



MAT 7028

α Neutron Absorption
0 Kelvin Cross Sections

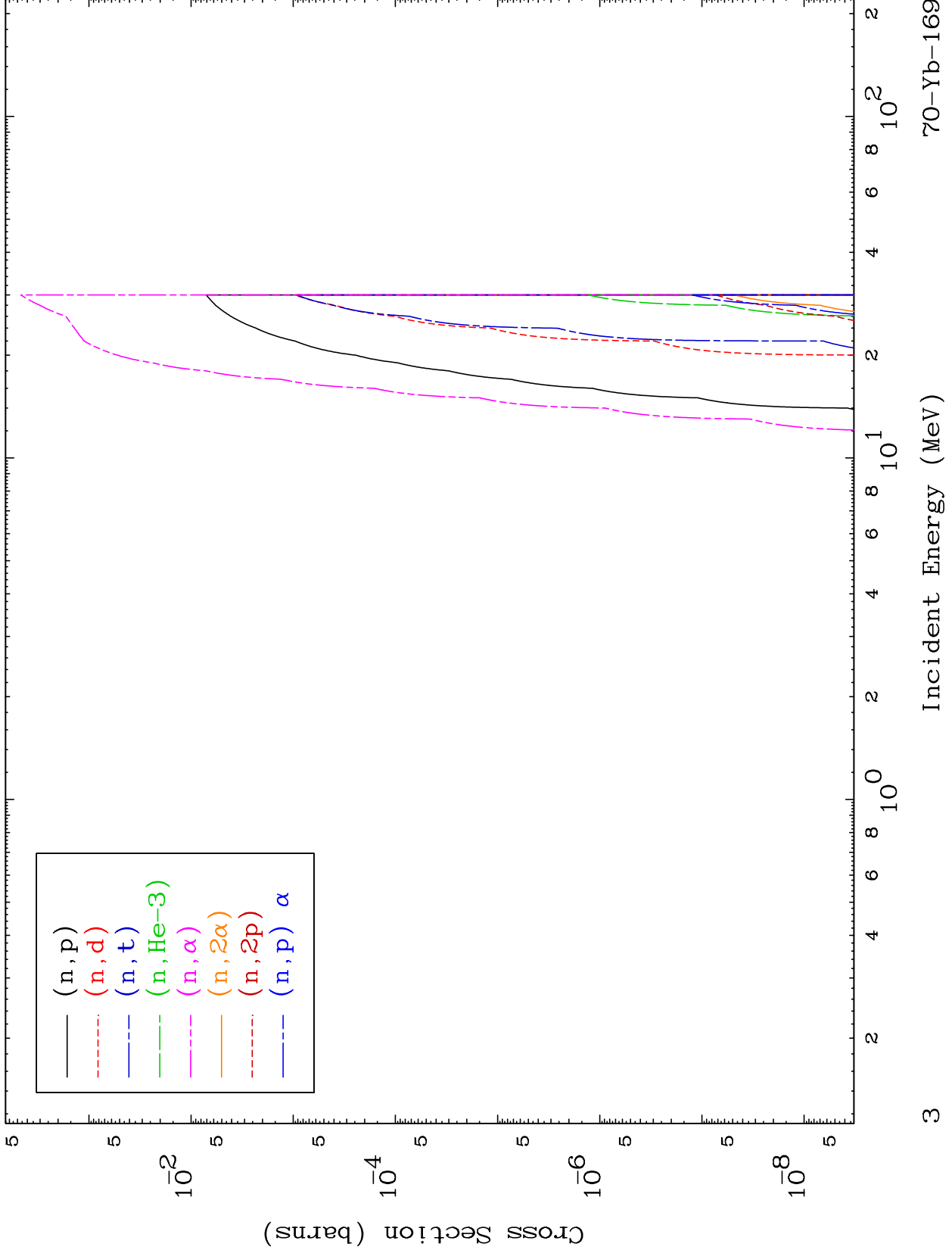
70-Yb-169

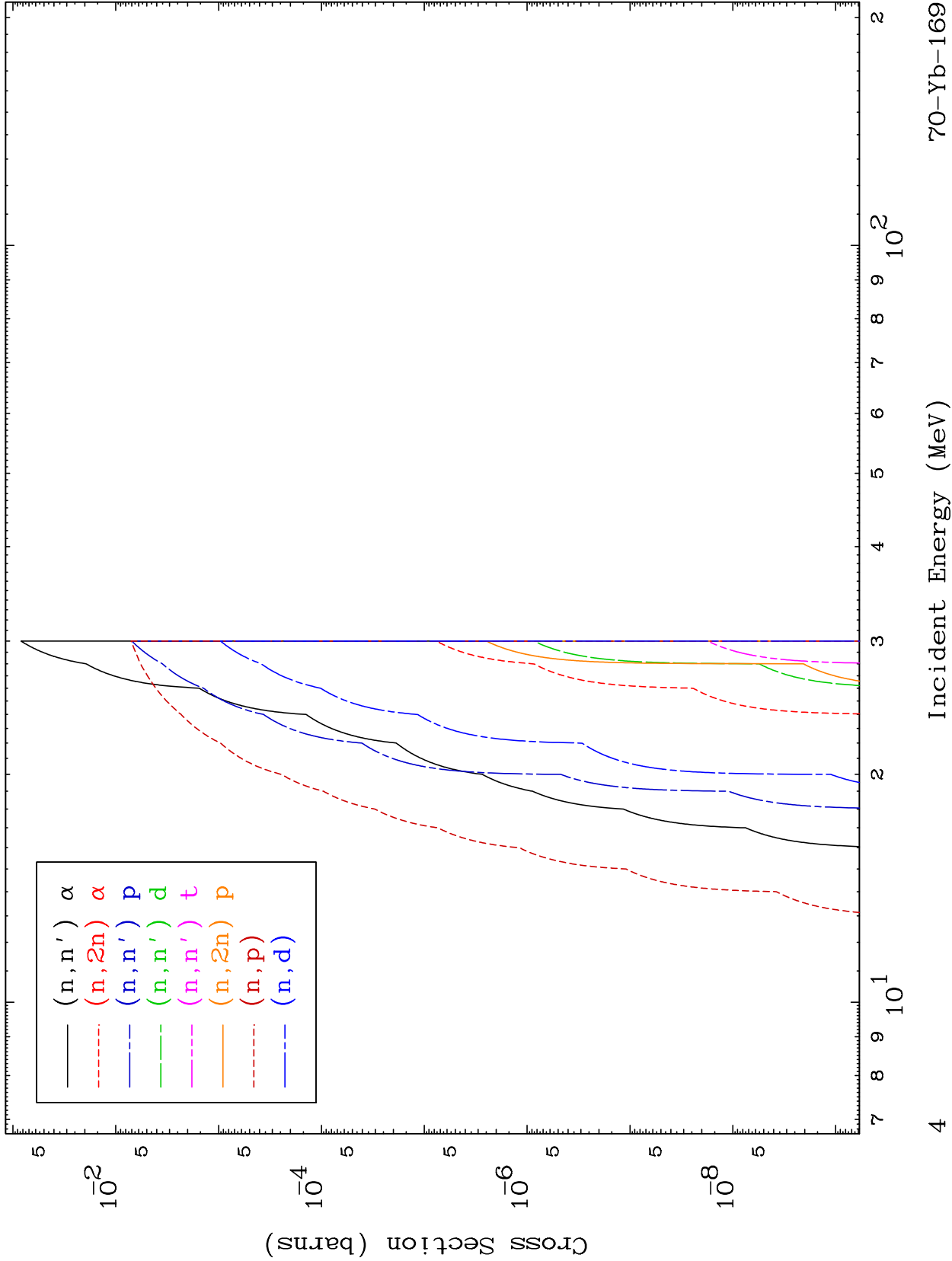


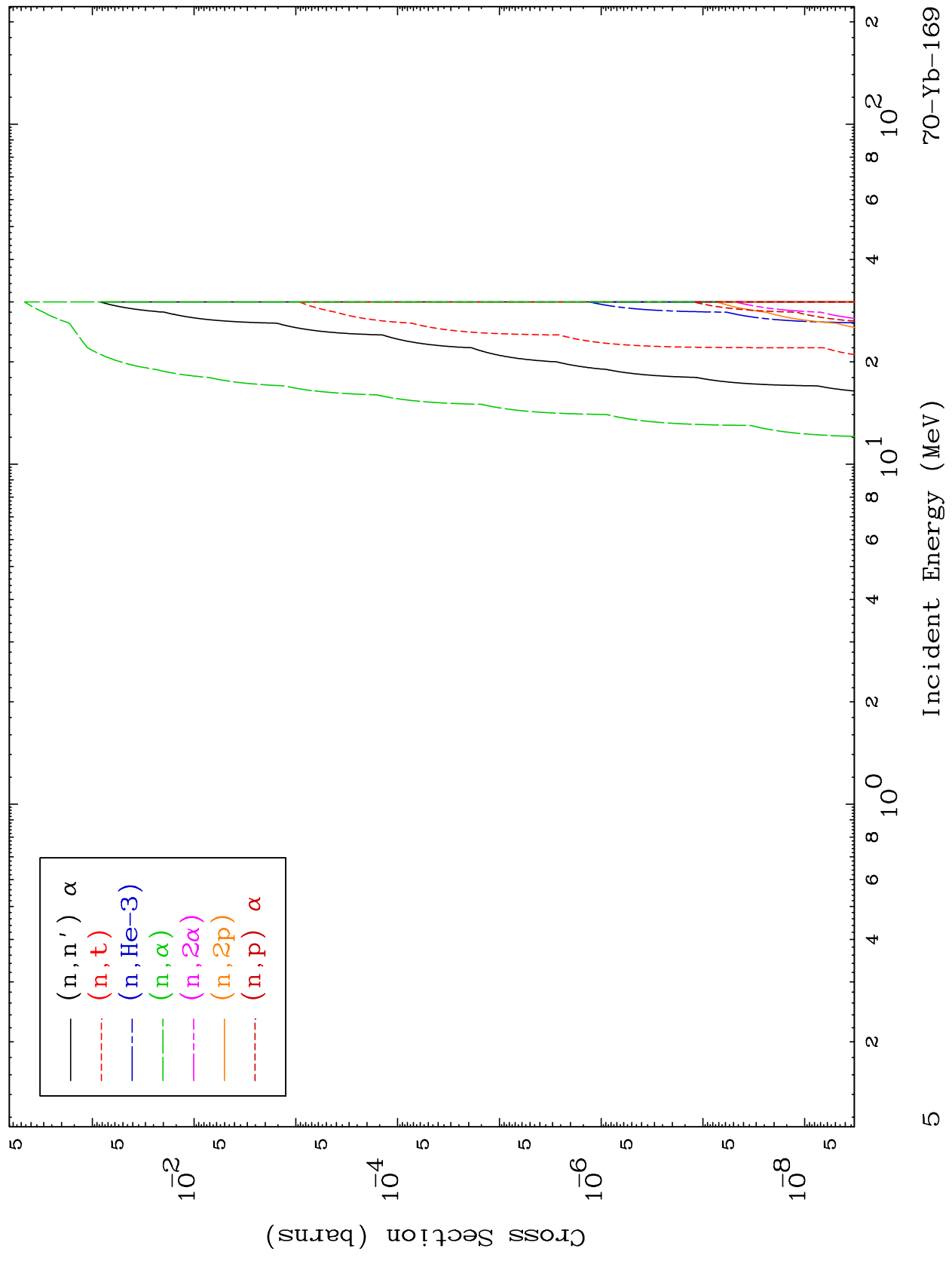
MAT 7028

α Neutron Absorption
0 Kelvin Cross Sections

70-Yb-169



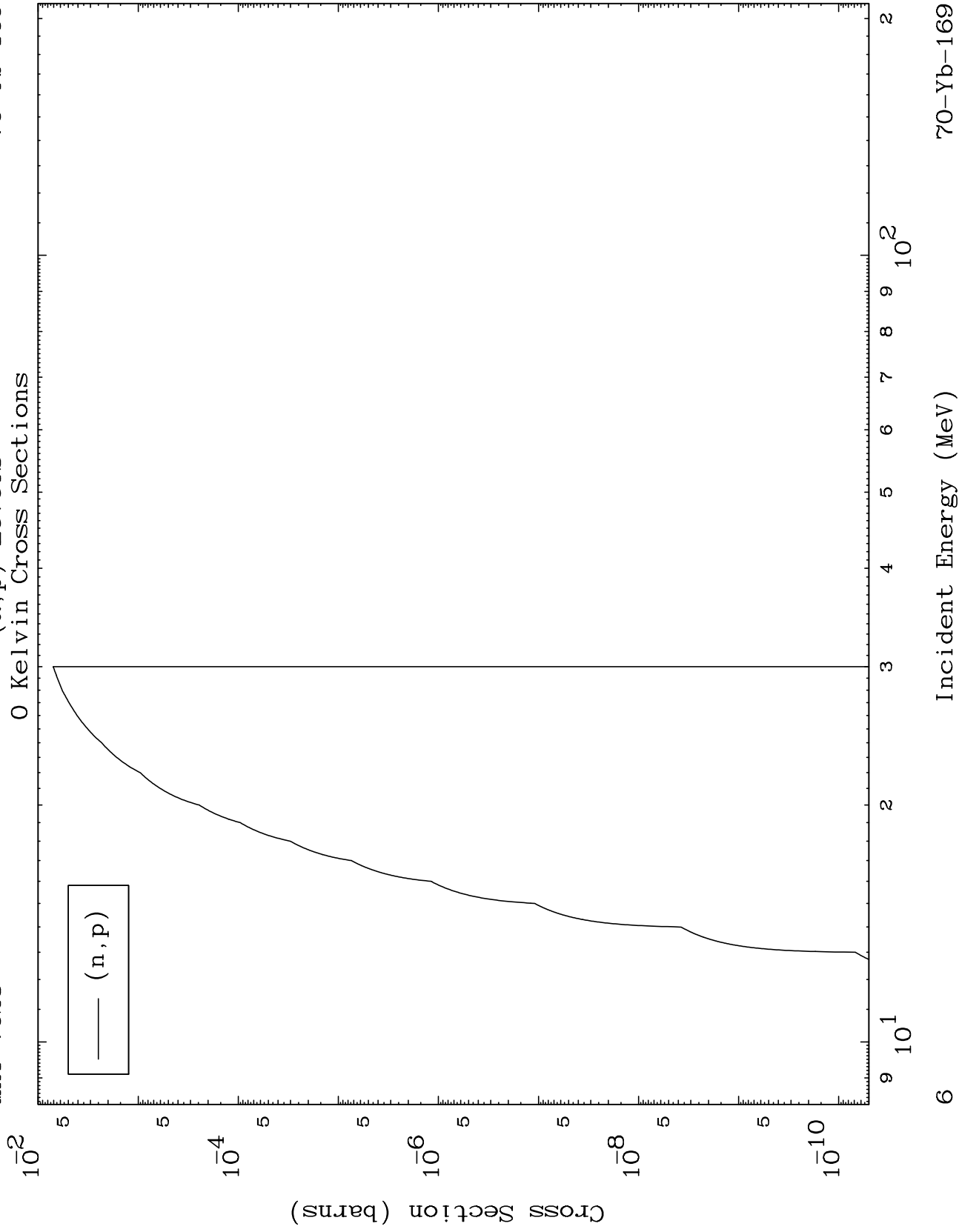




MAT 7028

(α, p) Levels

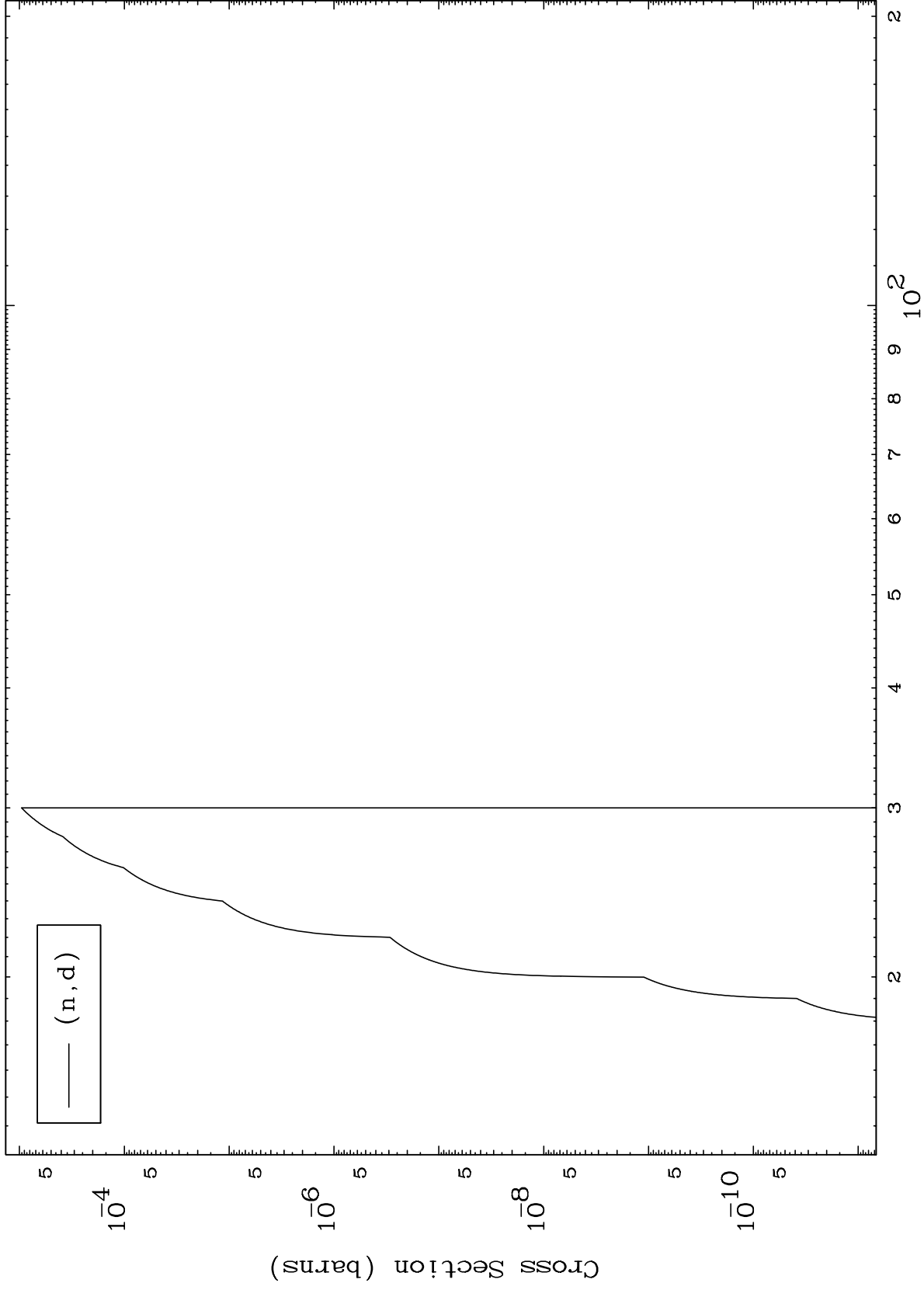
70-Yb-169



MAT 7028

(α, d) Levels
0 Kelvin Cross Sections

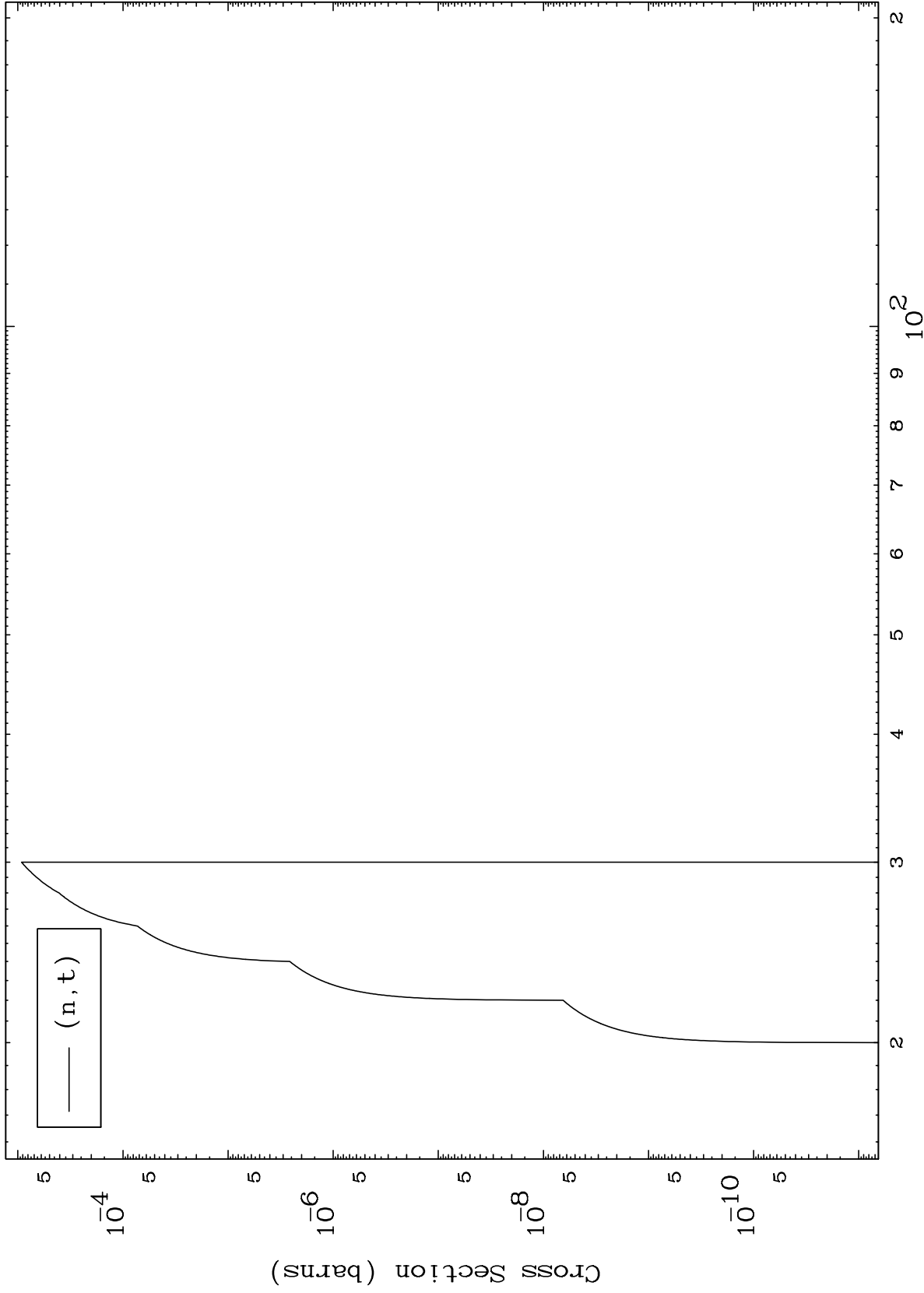
70-Yb-169



7

Incident Energy (MeV)

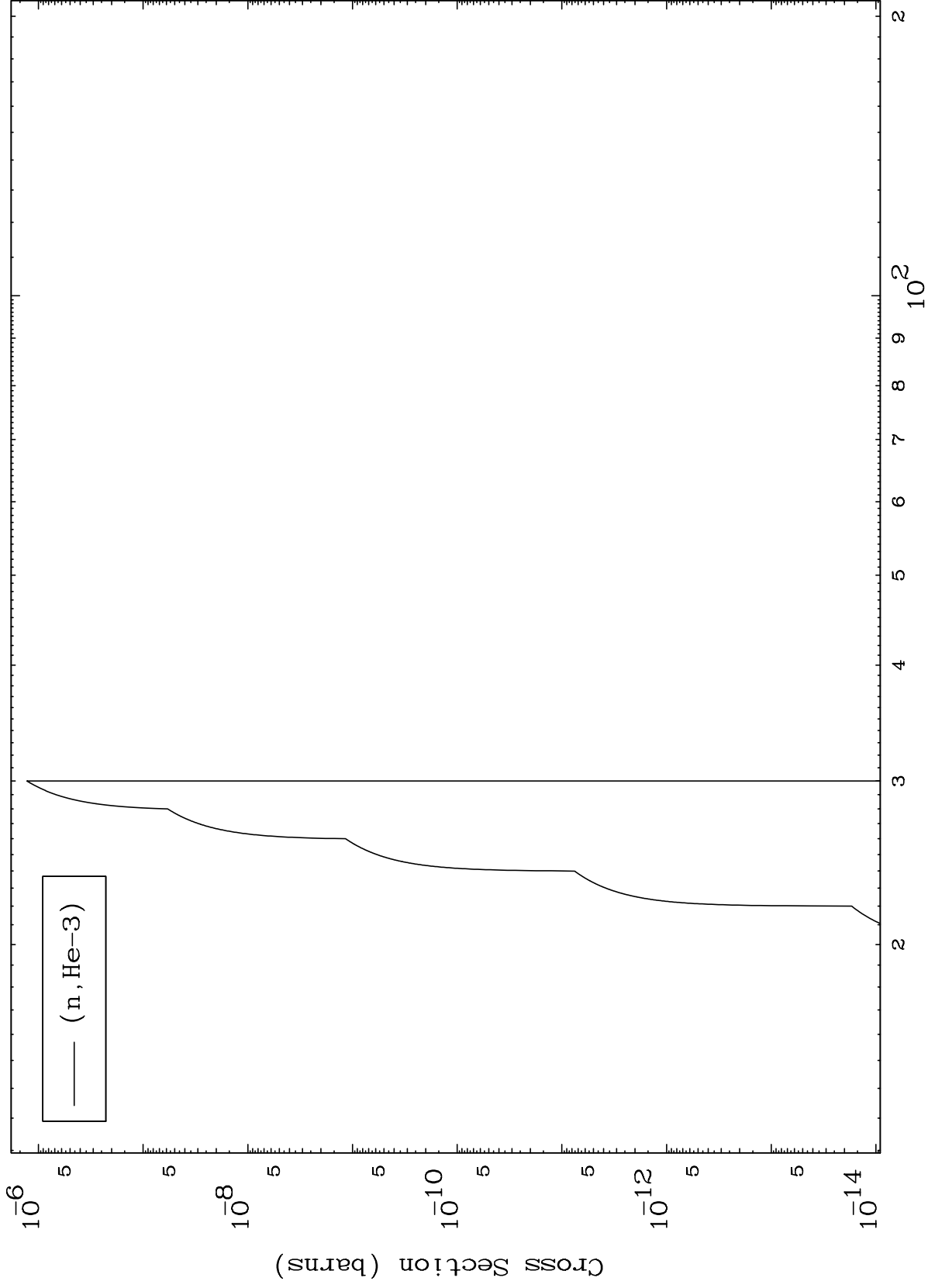
70-Yb-169



MAT 7028

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

70-Yb-169

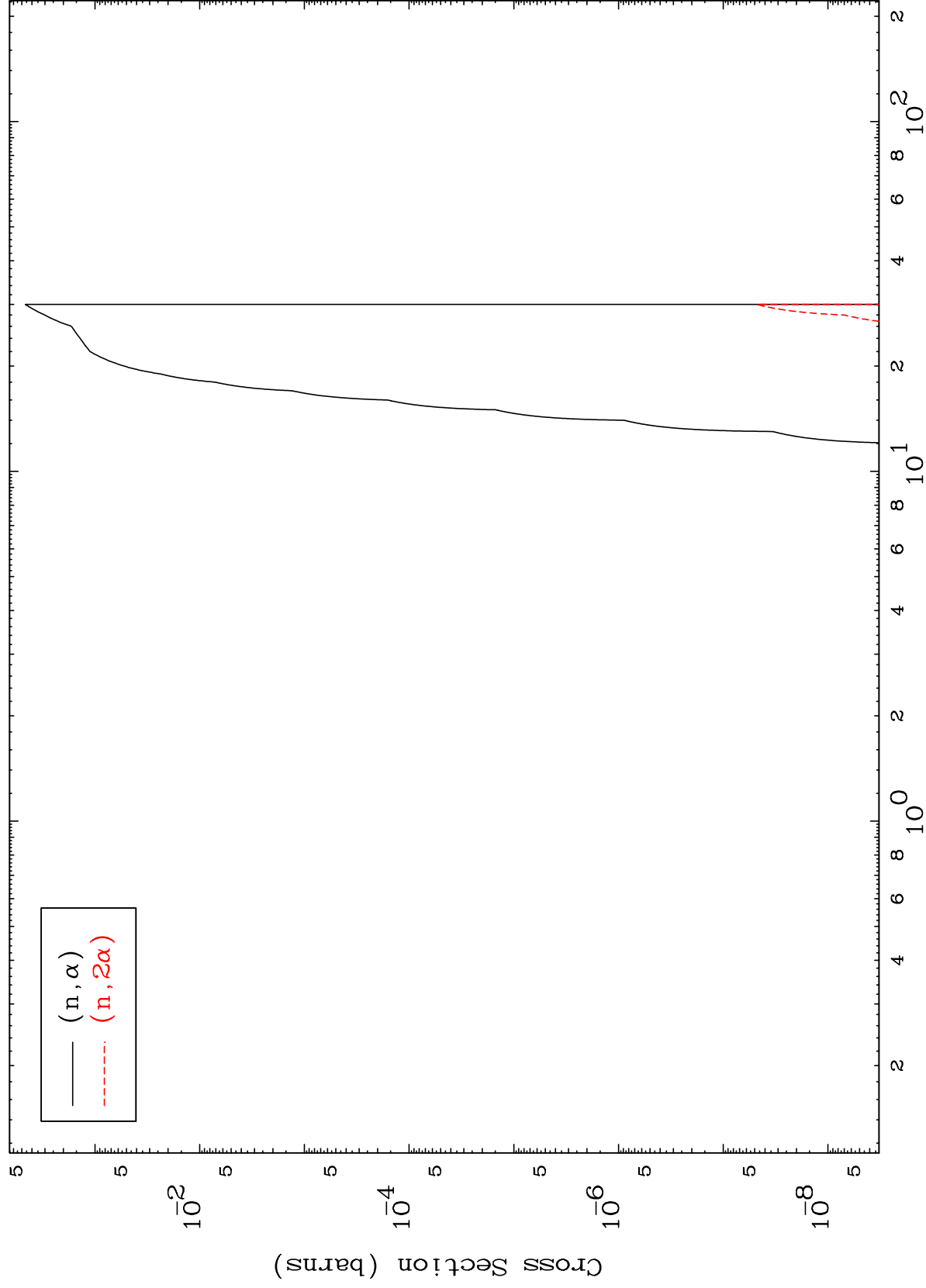


MAT 7028

(α, α) Levels

70-Yb-169

0 Kelvin Cross Sections



10

Incident Energy (MeV)

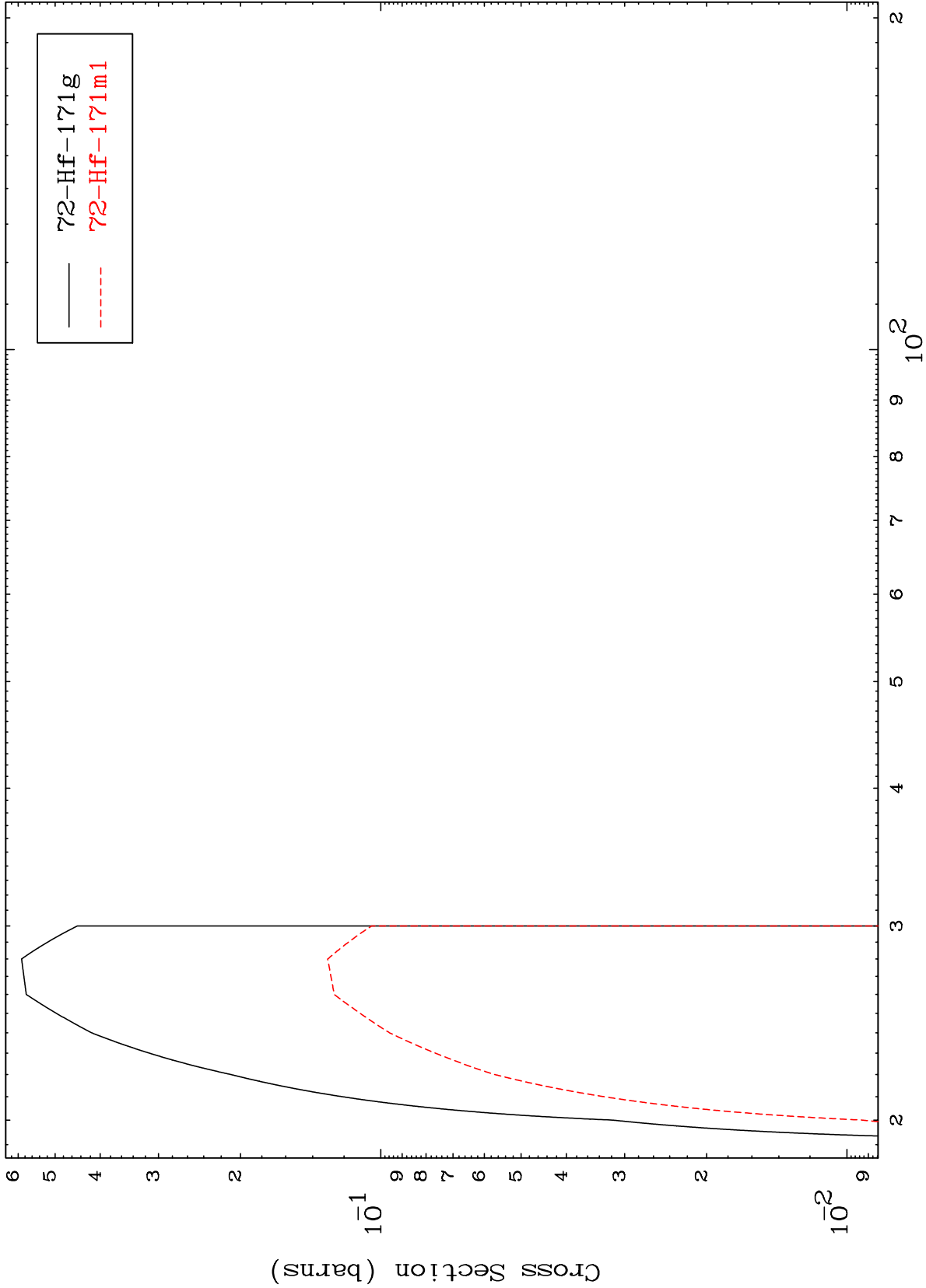
70-Yb-169

MAT 7028

(n,2n)

70-Yb-169

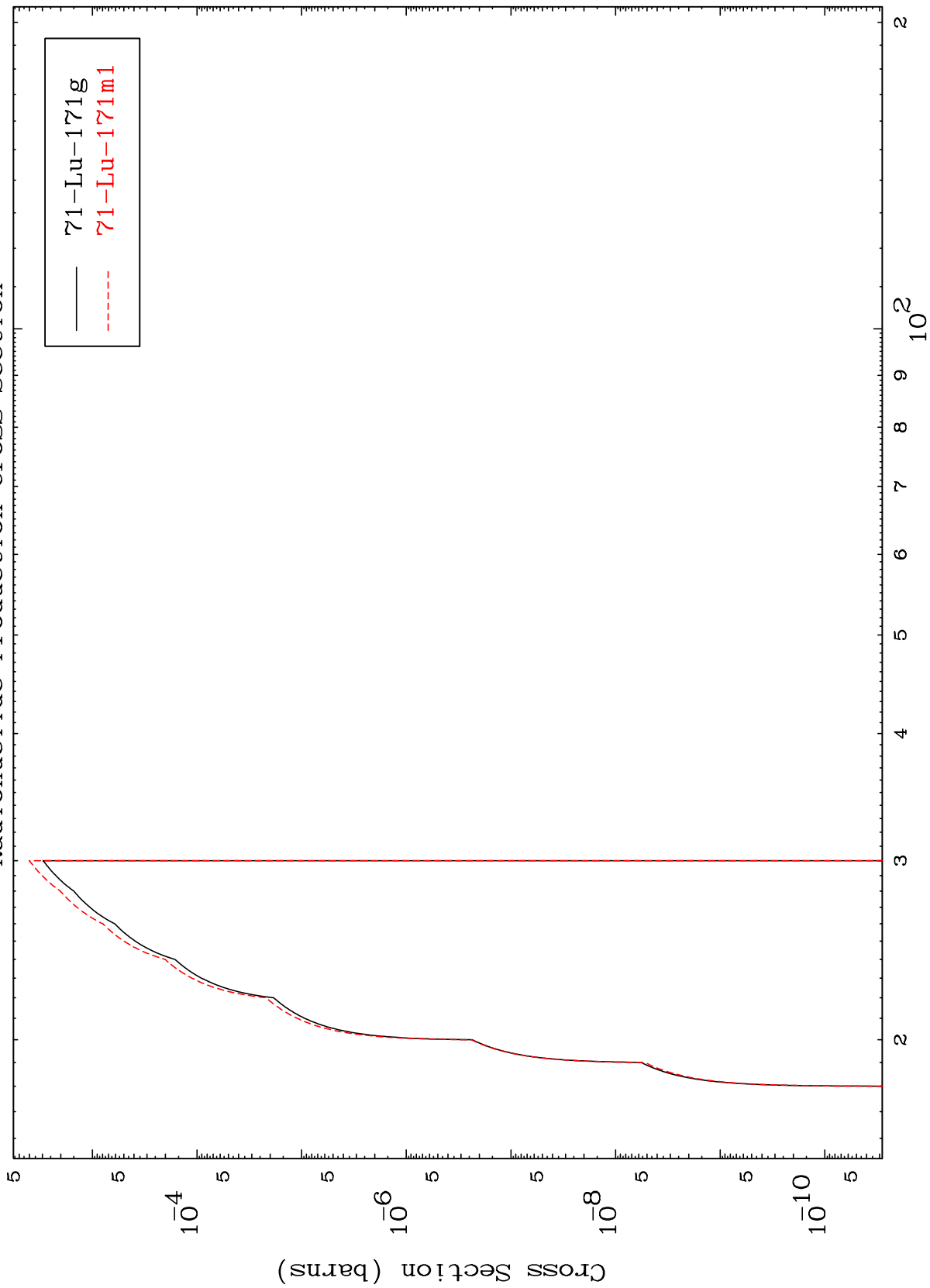
Radionuclide Production Cross Section



MAT 7028

70-Yb-169

(n, n') p
Radionuclide Production Cross Section

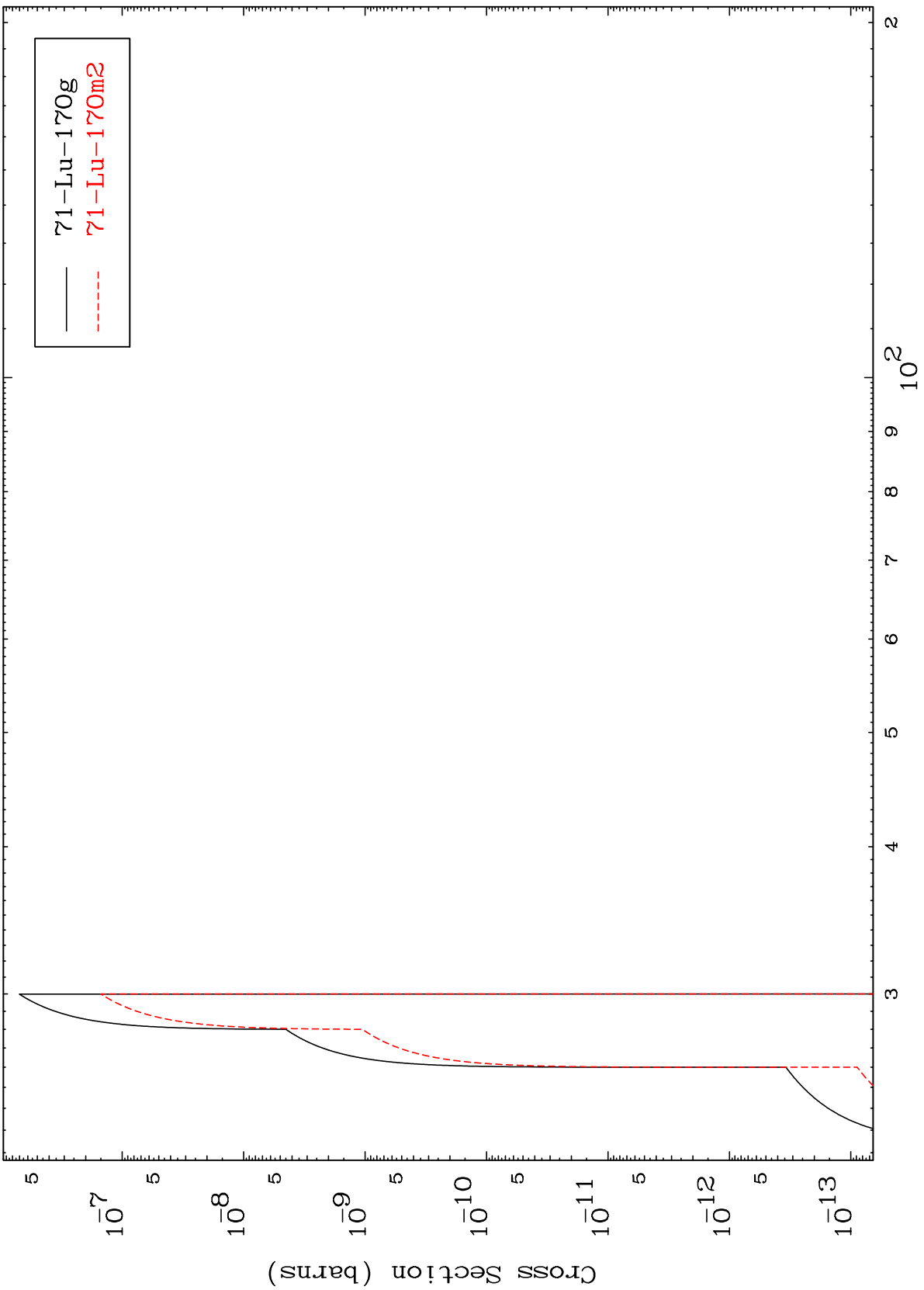


12

70-Yb-169

Incident Energy (MeV)

Radionuclide Production Cross Section



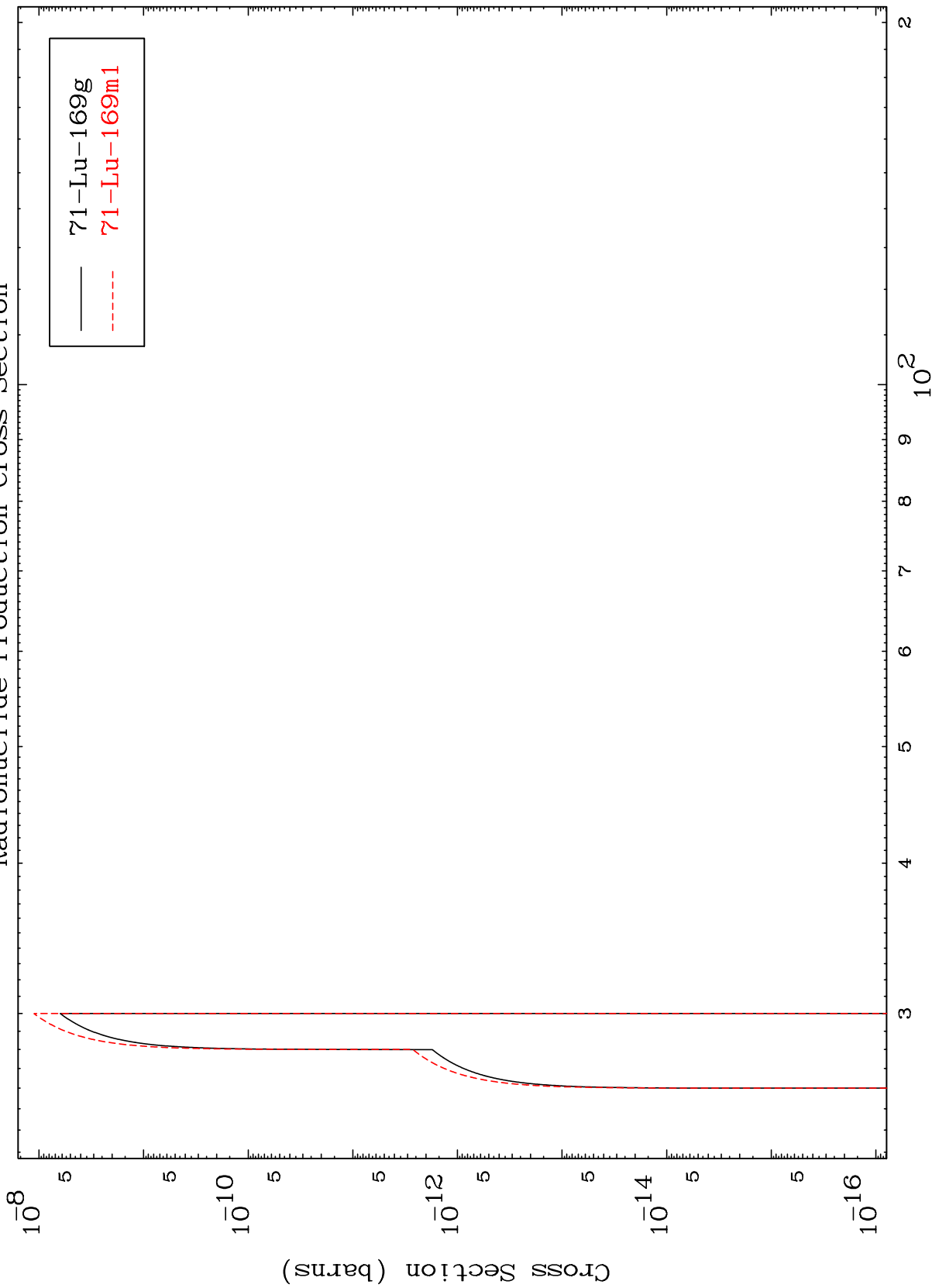
71-Lu-170g
71-Lu-170m2

MAT 7028

(n,n') t

70-Yb-169

Radionuclide Production Cross Section



14

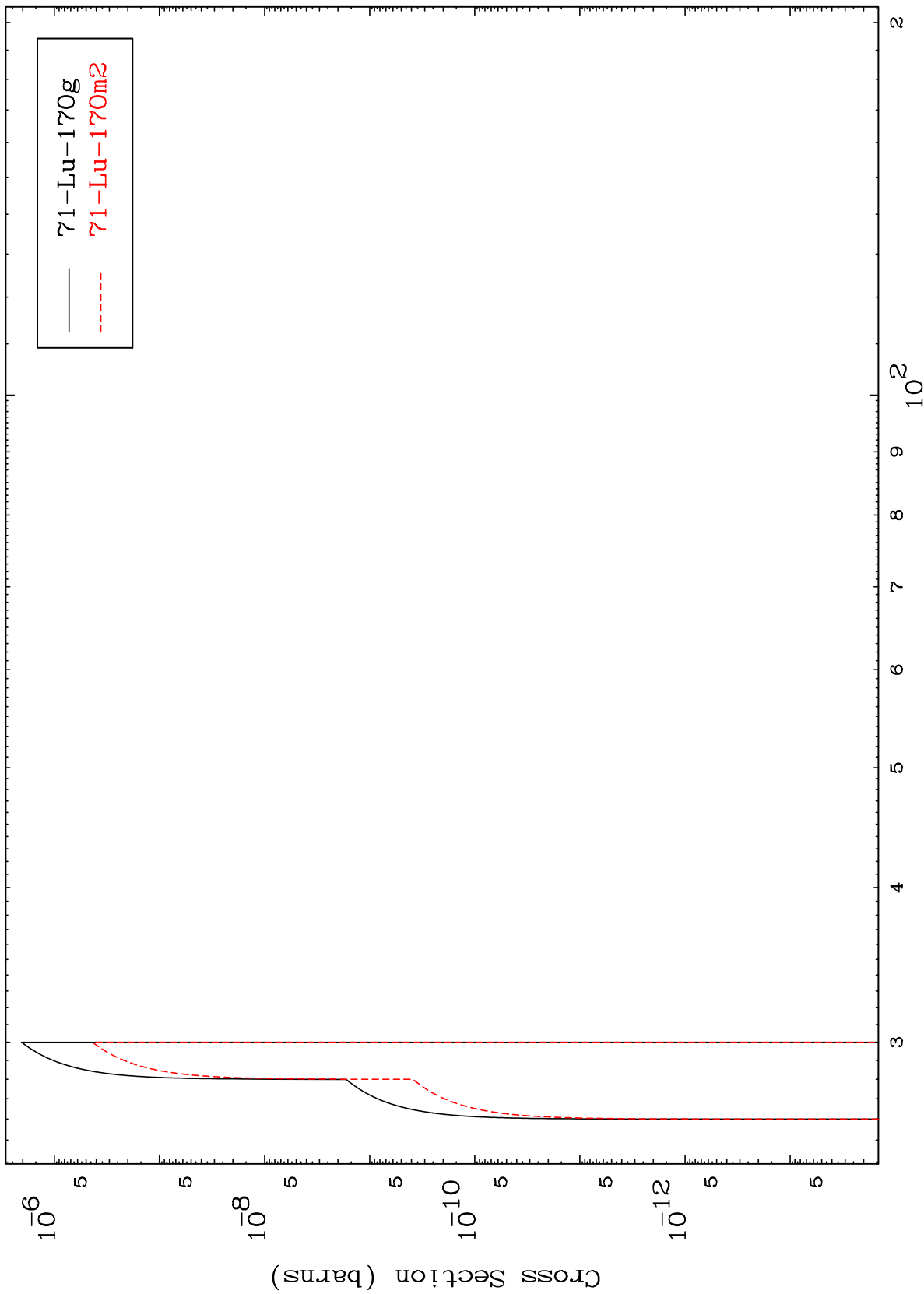
Incident Energy (MeV)

70-Yb-169

MAT 7028

70-Yb-169

(n,2n) p
Radionuclide Production Cross Section



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

15

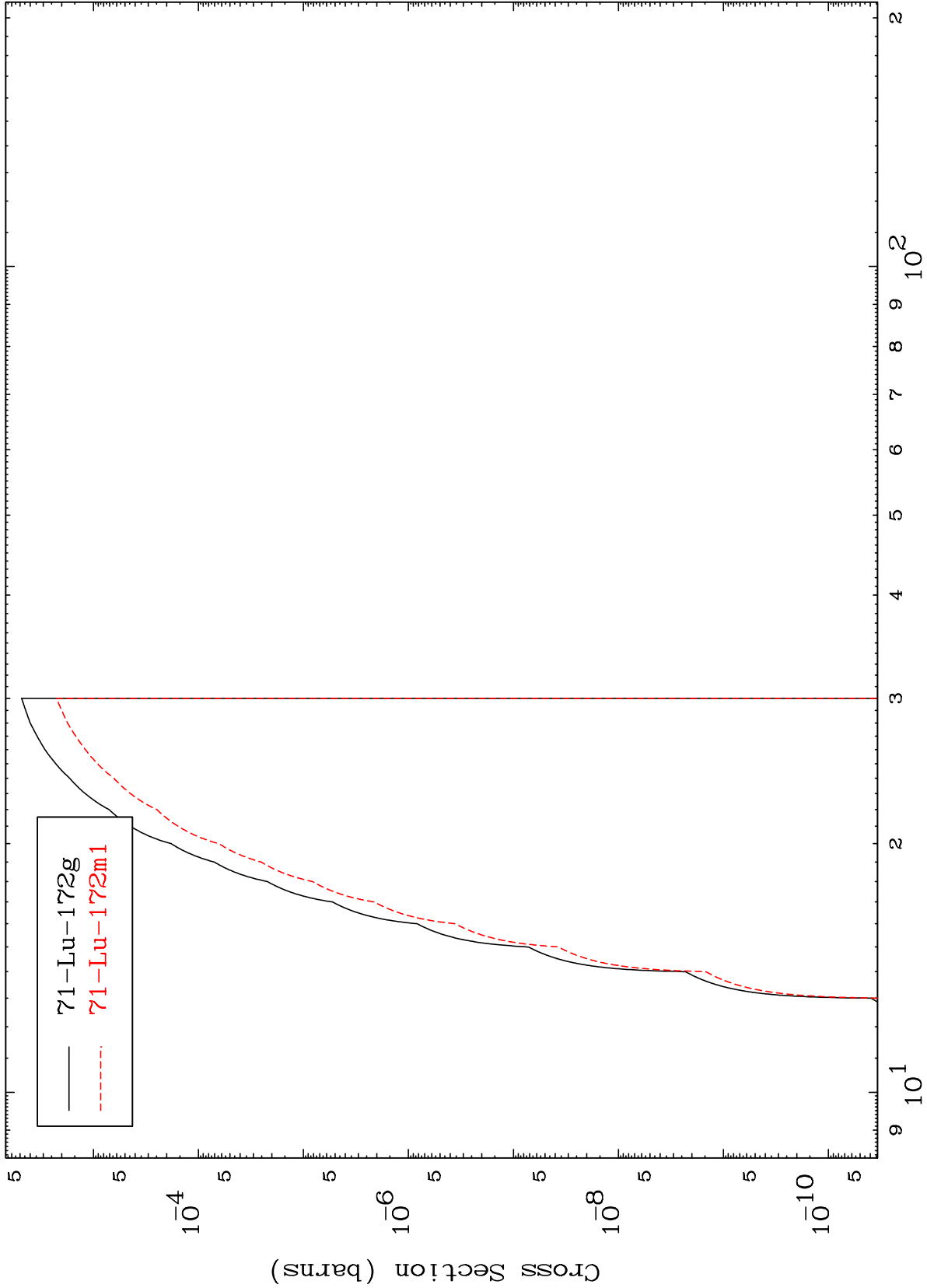
70-Yb-169

Incident Energy (MeV)

MAT 7028

70-Yb-169

(n,p)
Radionuclide Production Cross Section



70-Yb-169

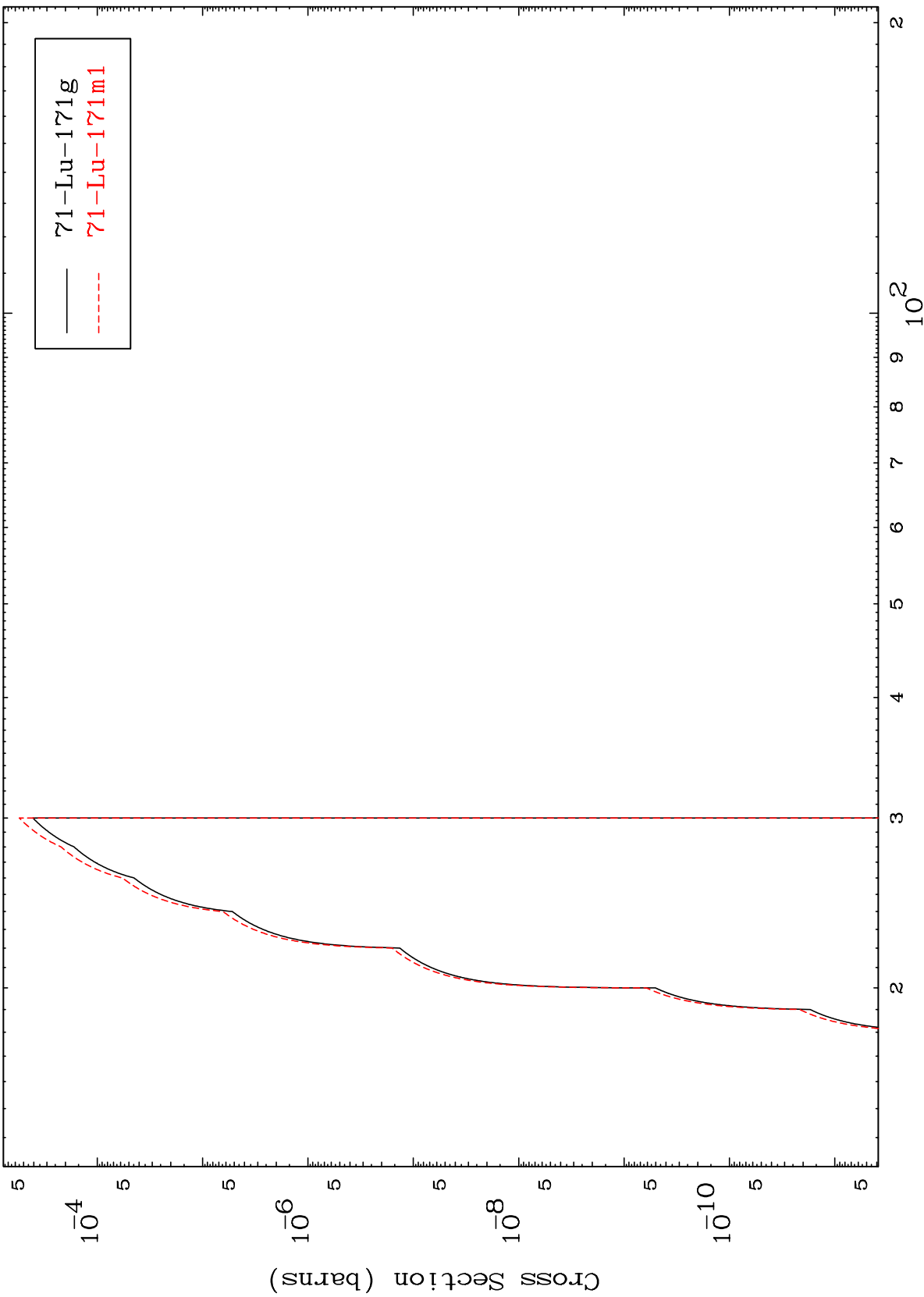
Incident Energy (MeV)

16

MAT 7028

70-Yb-169

(n,d)
Radionuclide Production Cross Section



17

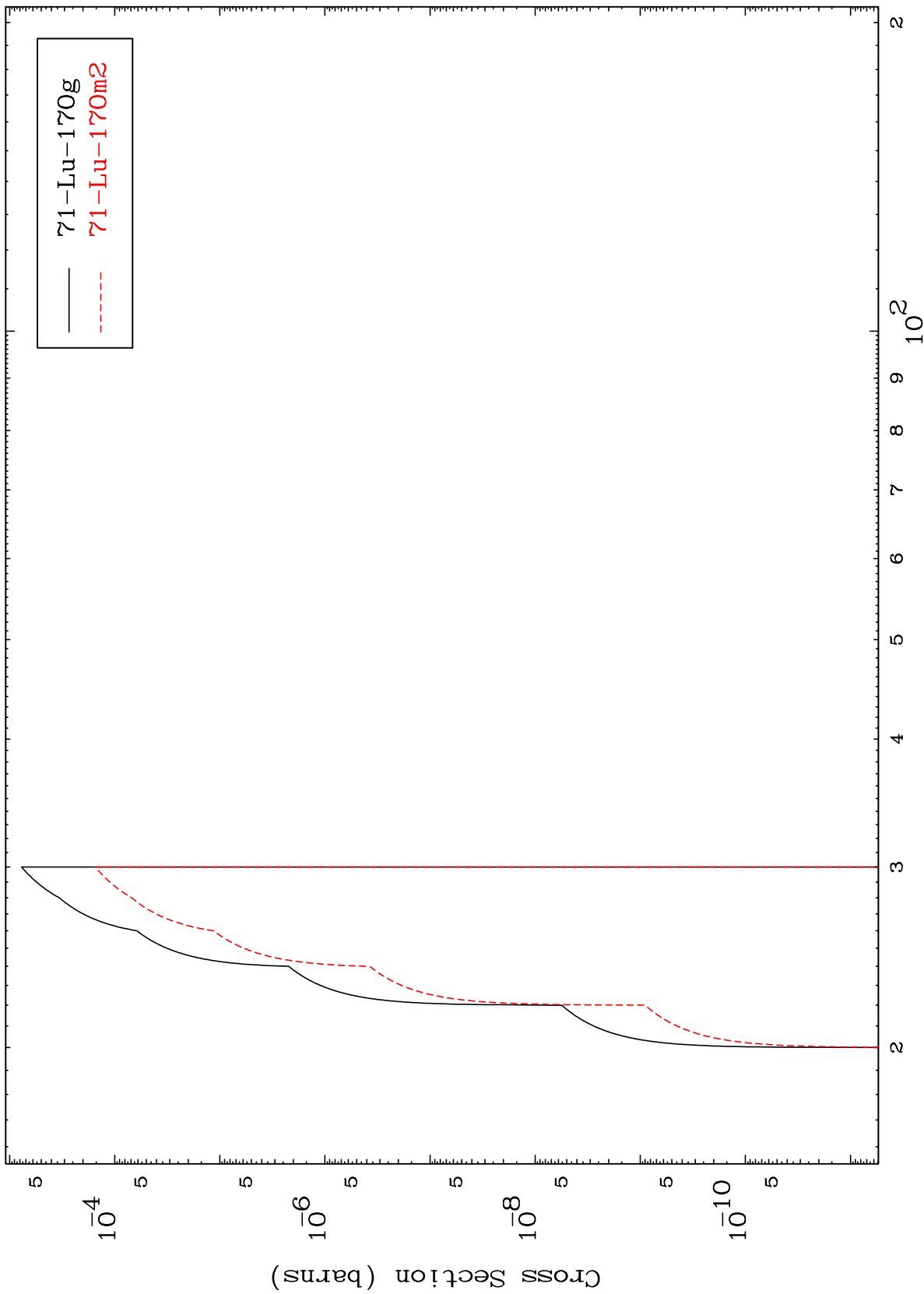
70-Yb-169

Incident Energy (MeV)

MAT 7028

70-Yb-169

(n, t)
Radionuclide Production Cross Section



18

70-Yb-169

Incident Energy (MeV)

MAT 7028

⁷⁰Yb-169

