

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

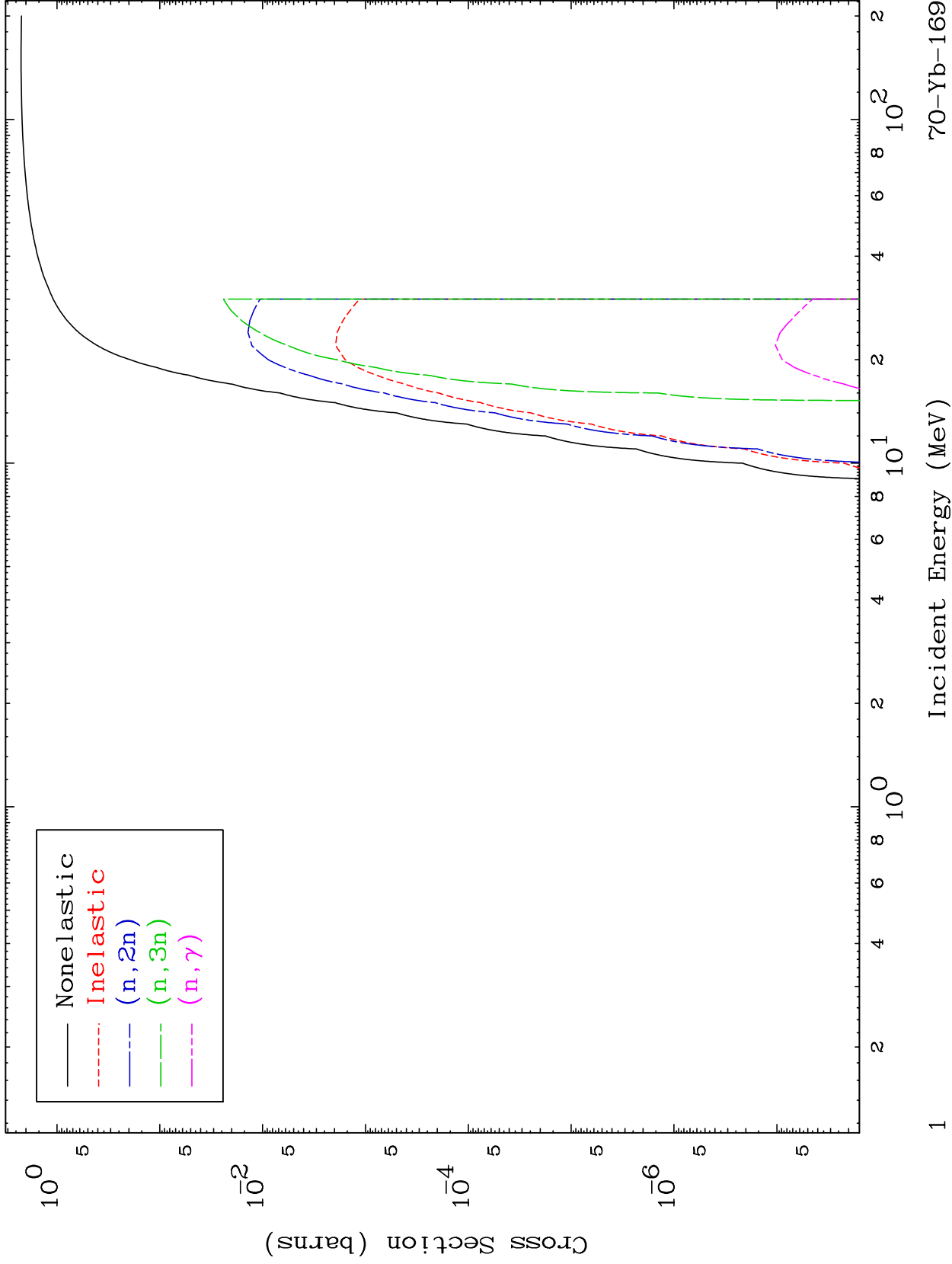
Press Mouse Button to Start

MAT 7028

He-3 Major

70-Yb-169

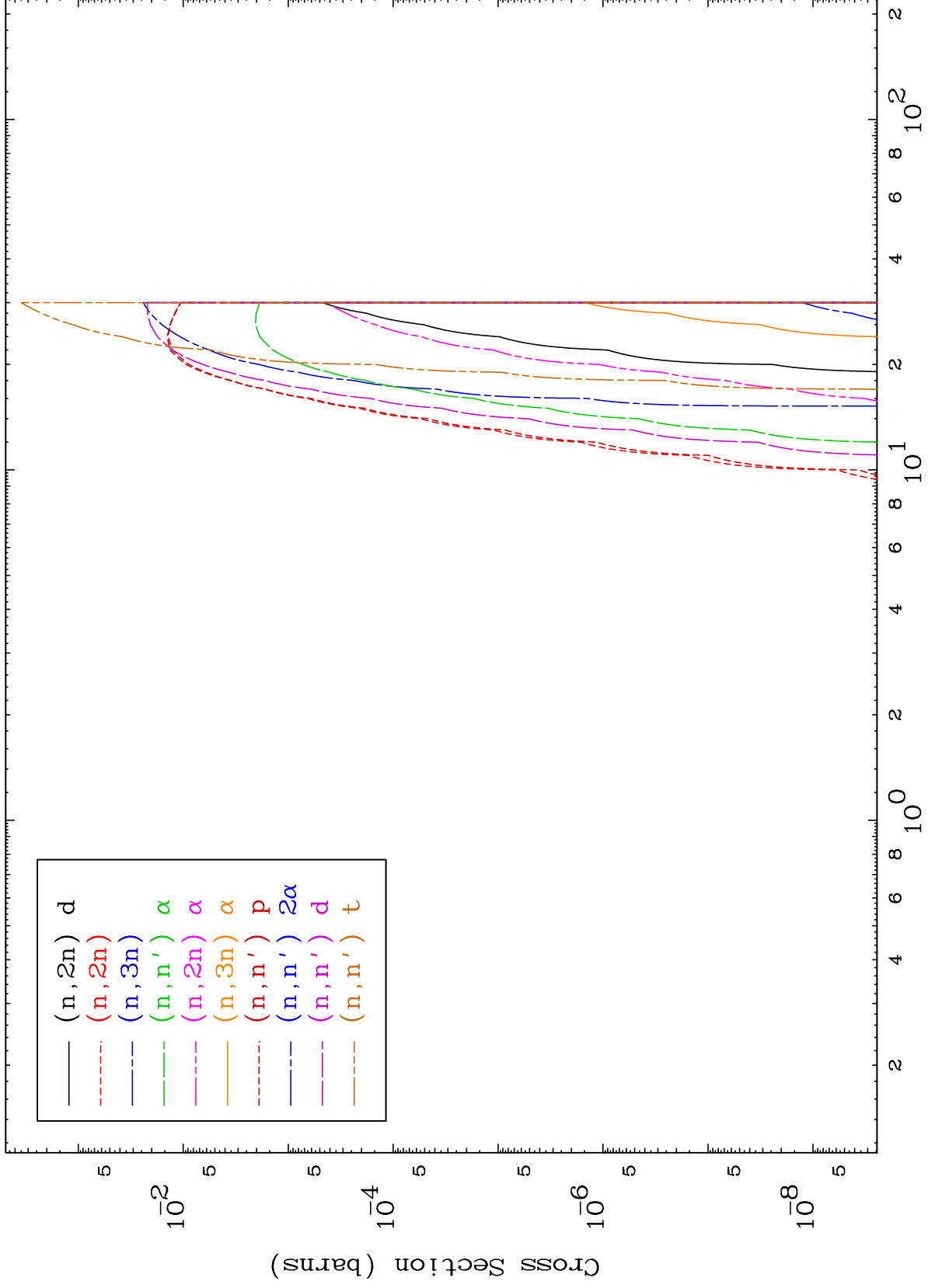
0 Kelvin Cross Sections

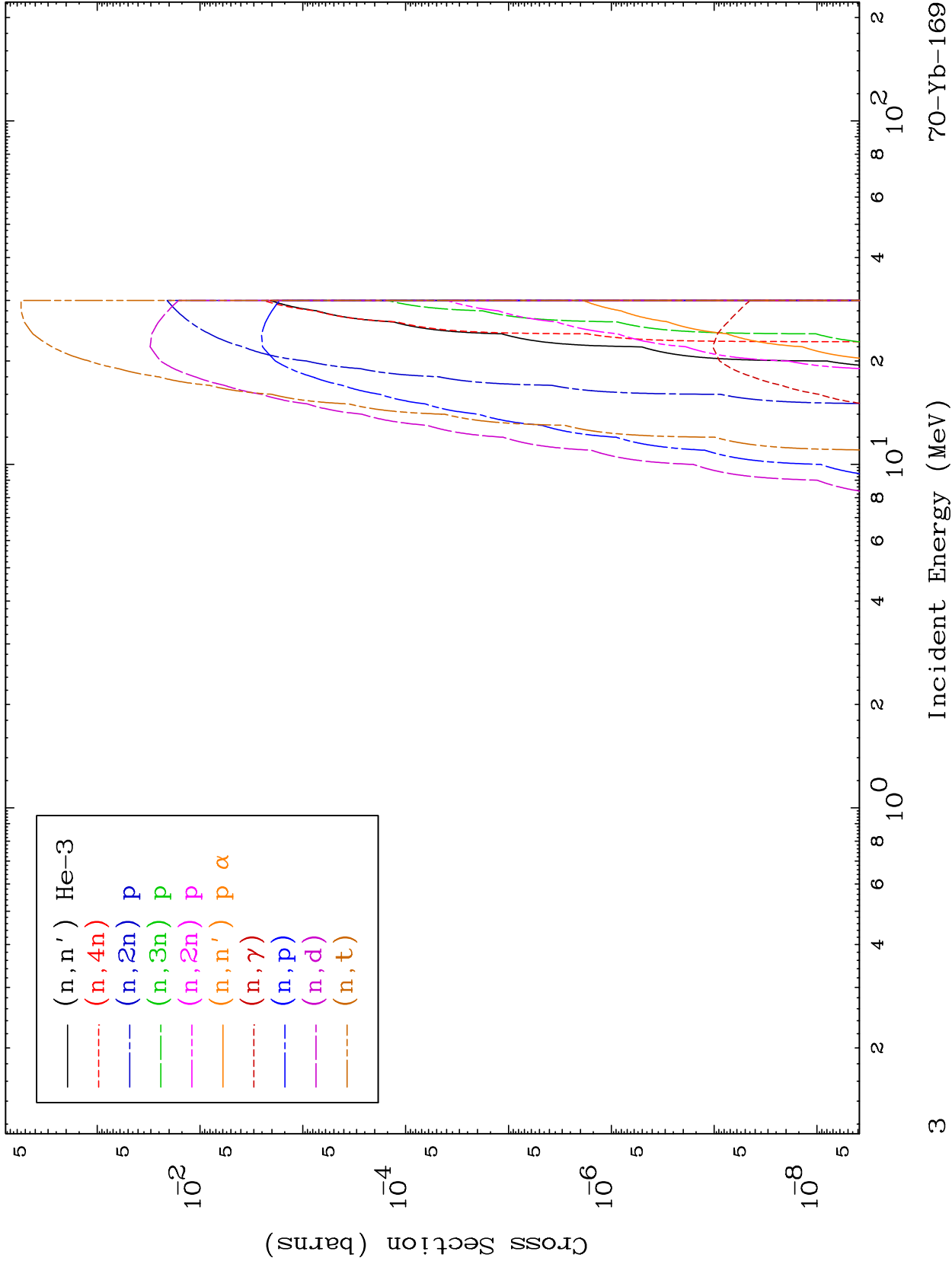


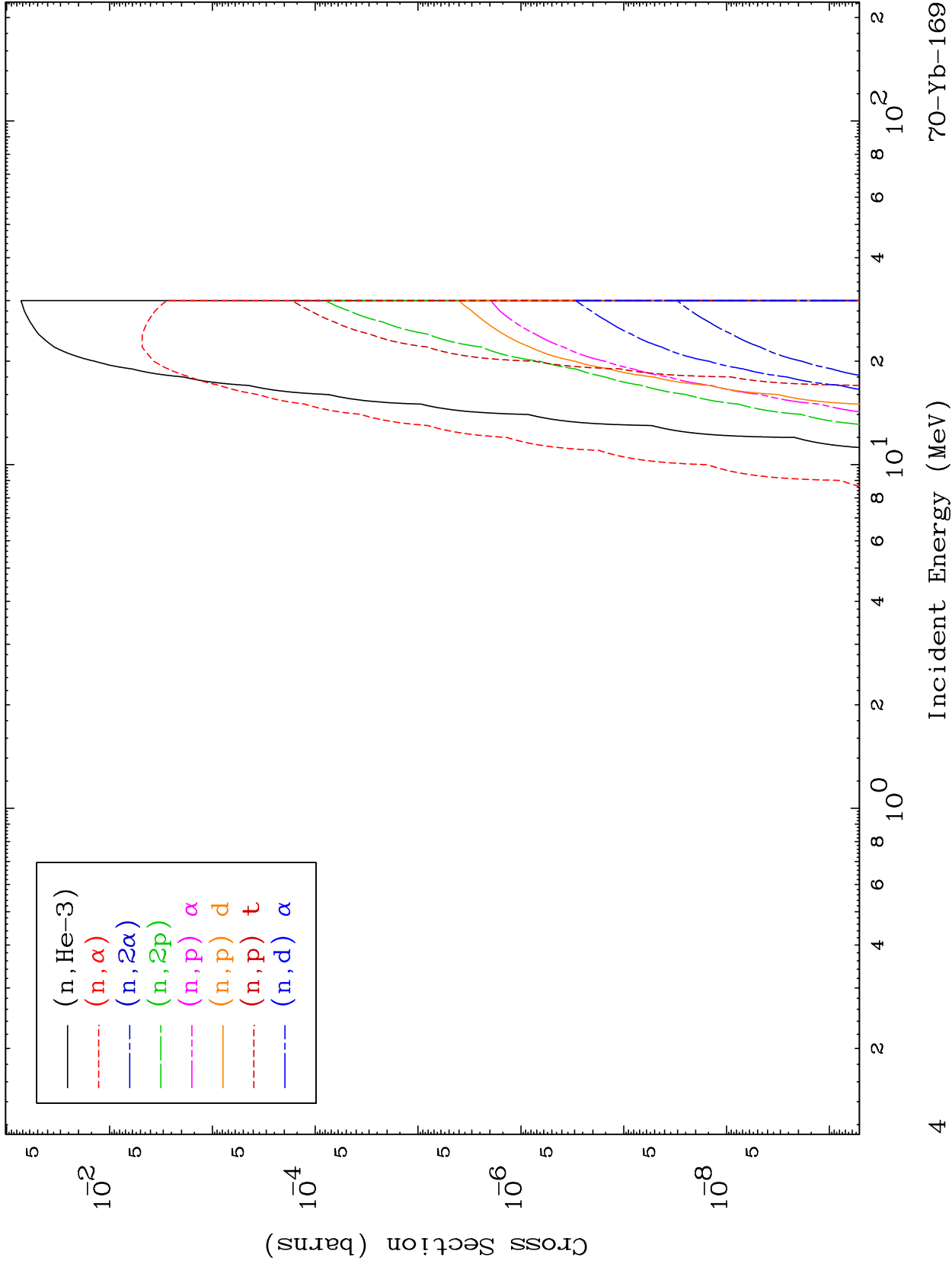
MAT 7028

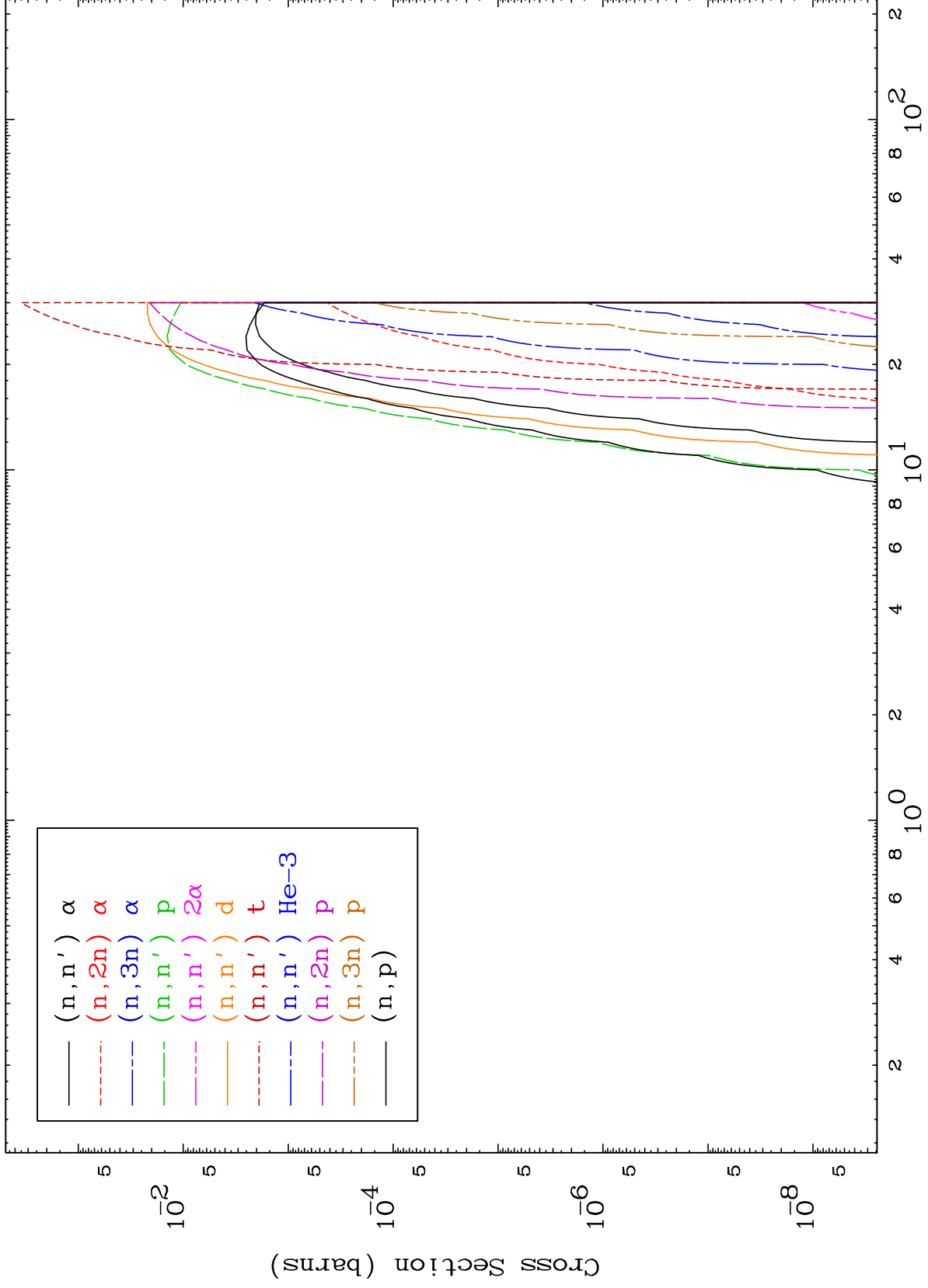
He-3 Neutron Absorption
0 Kelvin Cross Sections

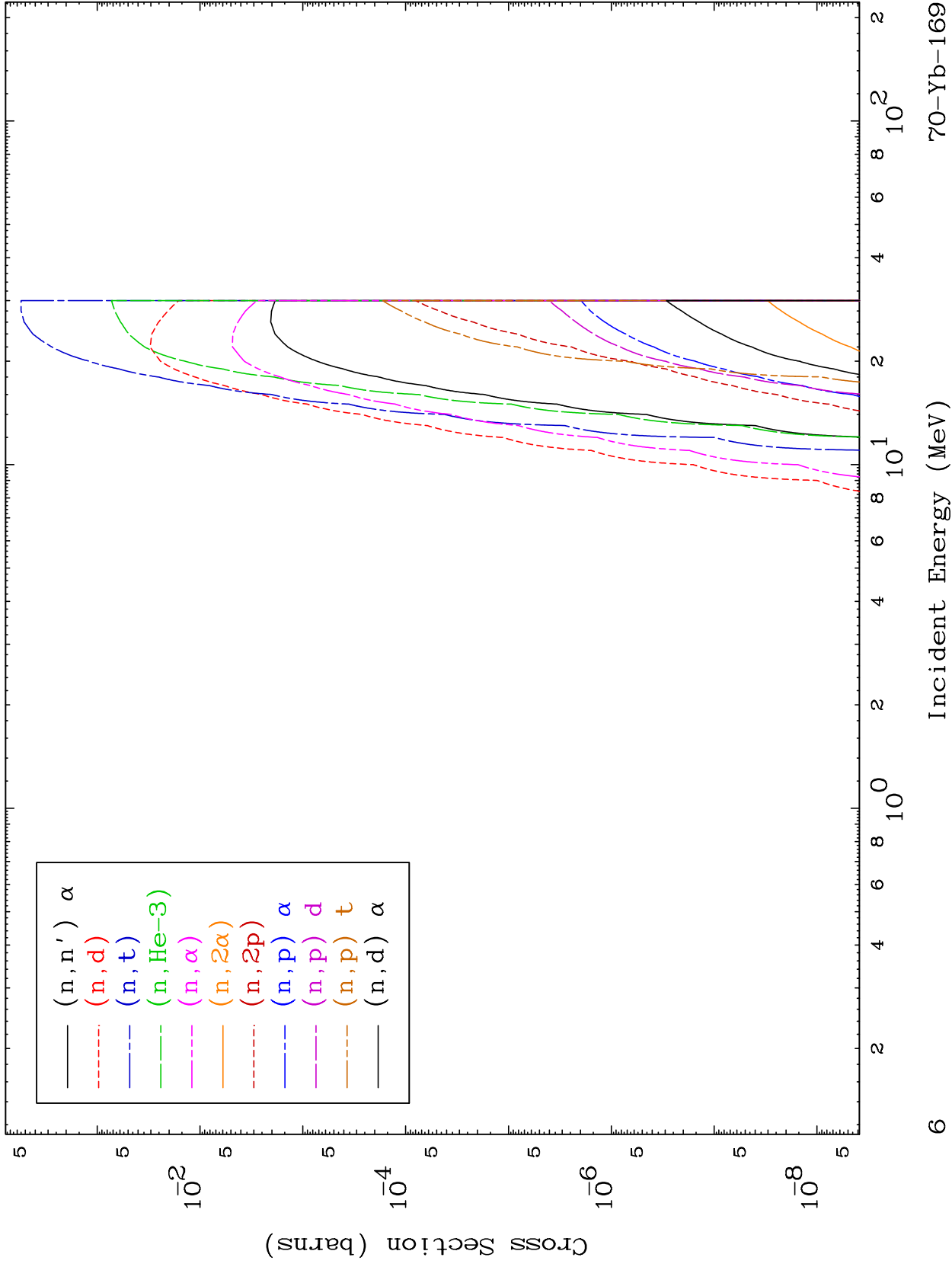
70-Yb-169









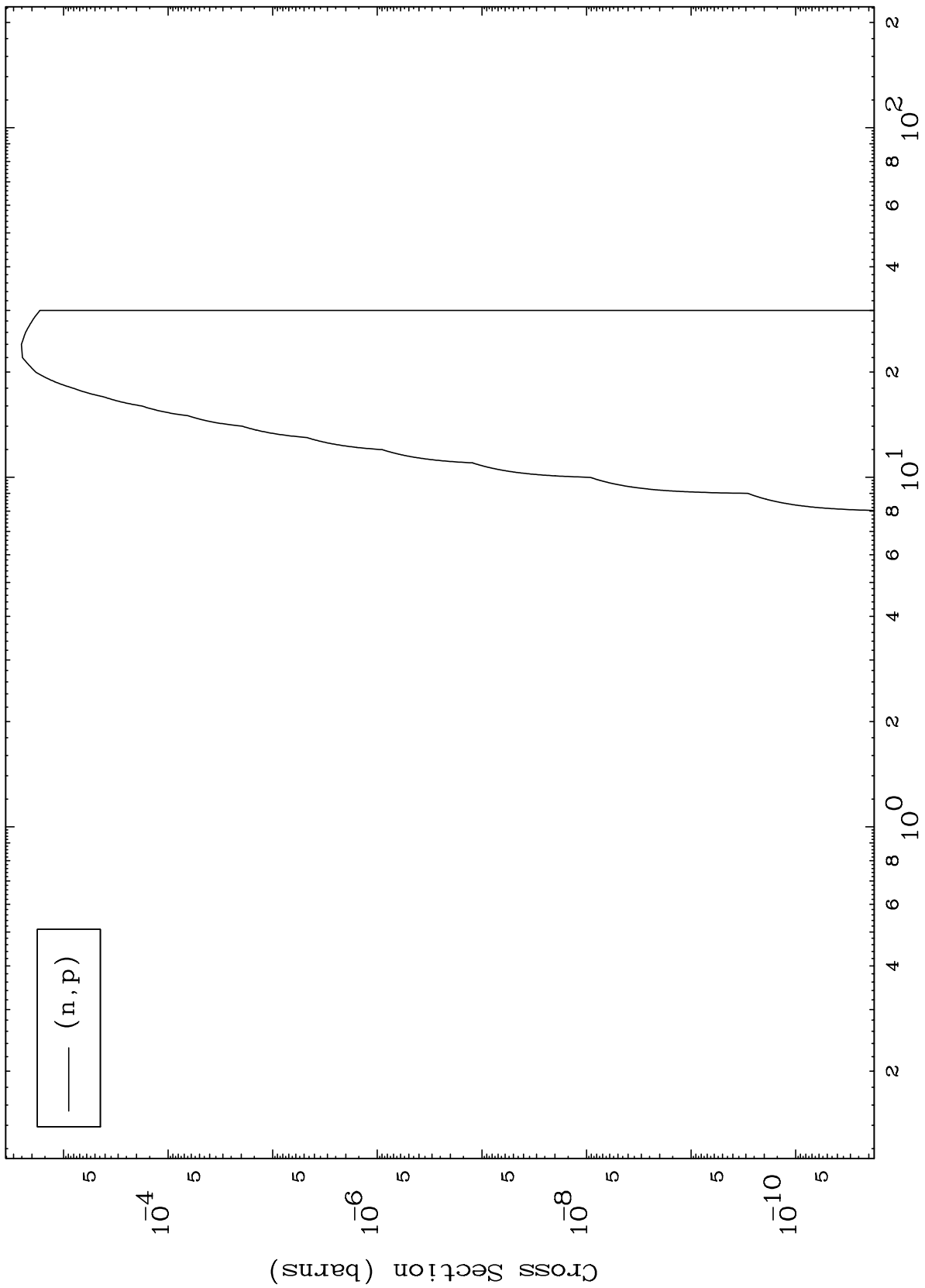


MAT 7028

(He-3,p) Levels

70-Yb-169

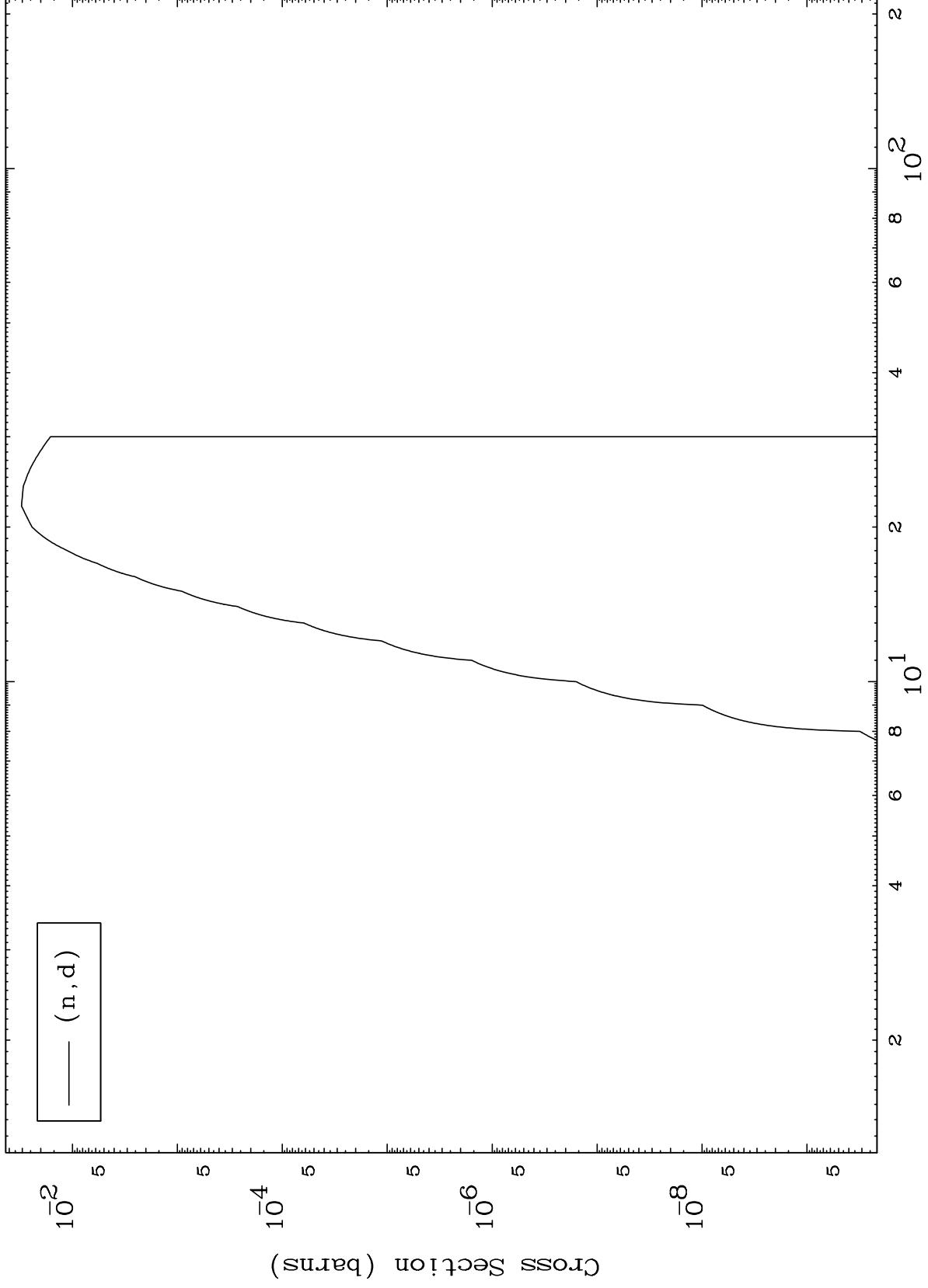
0 Kelvin Cross Sections



MAT 7028

(He-3,d) Levels
0 Kelvin Cross Sections

70-Yb-169

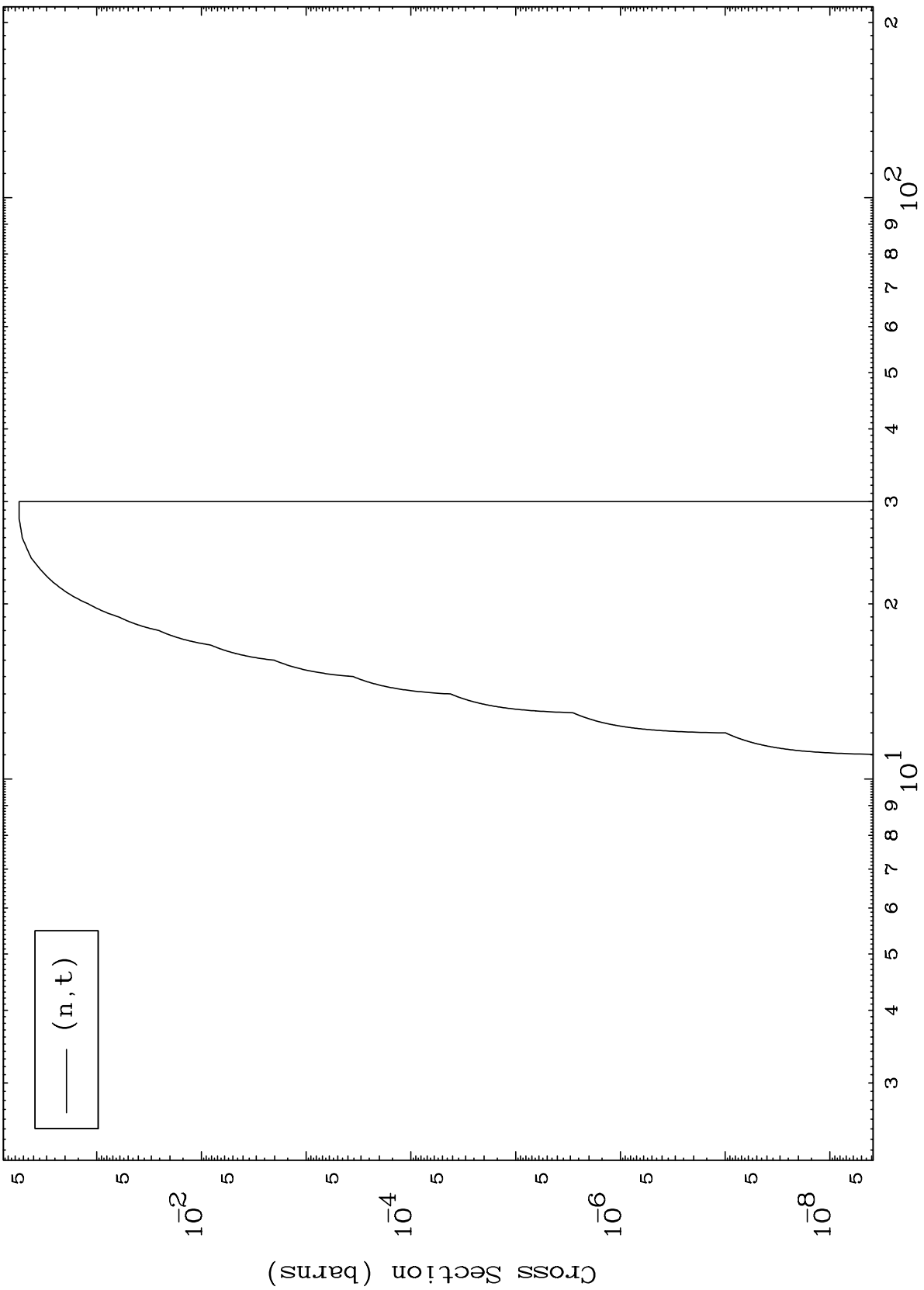


MAT 7028

(He-3,t) Levels

70-Yb-169

0 Kelvin Cross Sections

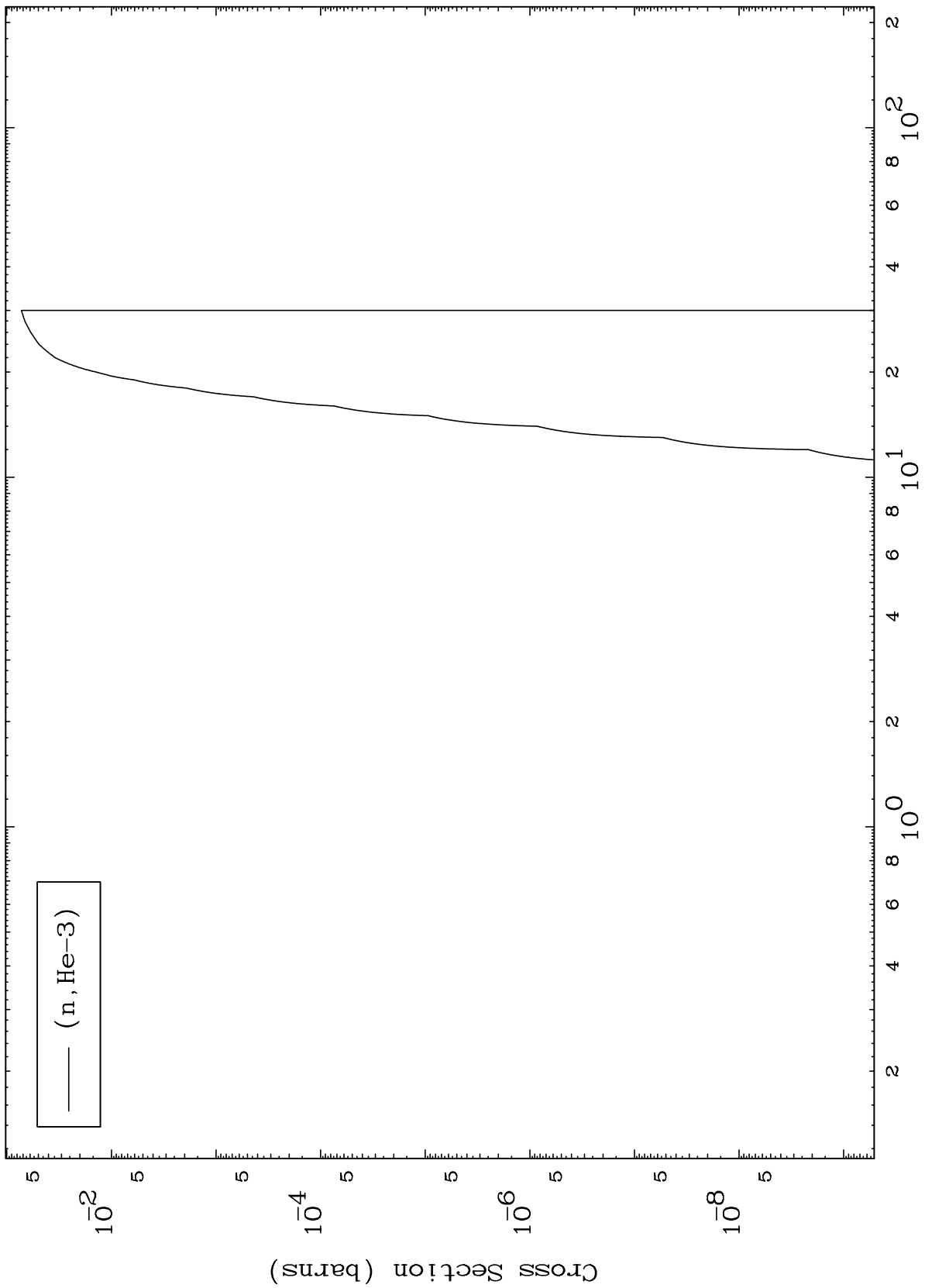


MAT 7028

(He-3, He3) Levels

70-Yb-169

0 Kelvin Cross Sections



10

Incident Energy (MeV)

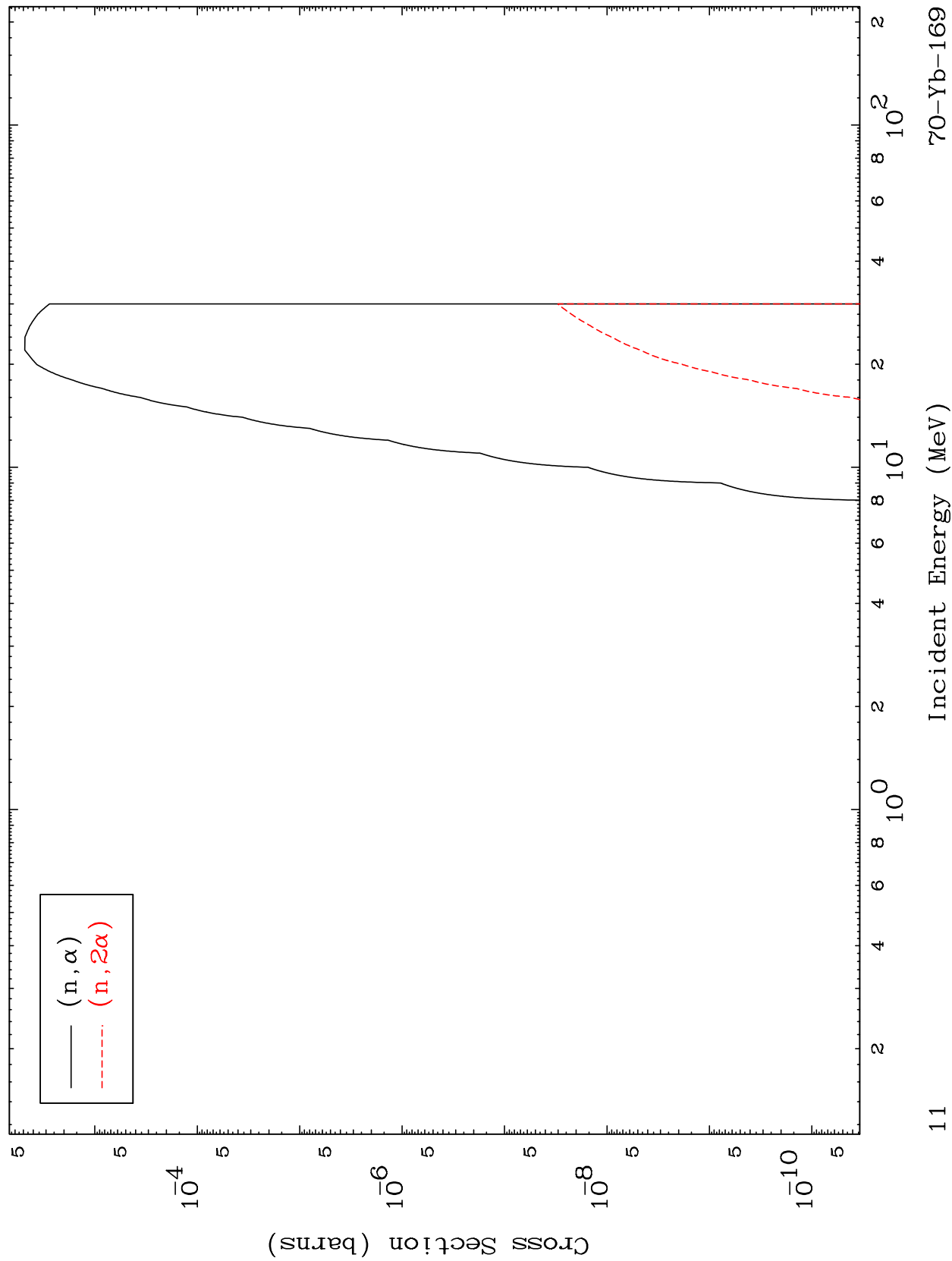
70-Yb-169

MAT 7028

(He-3, α) Levels

70-Yb-169

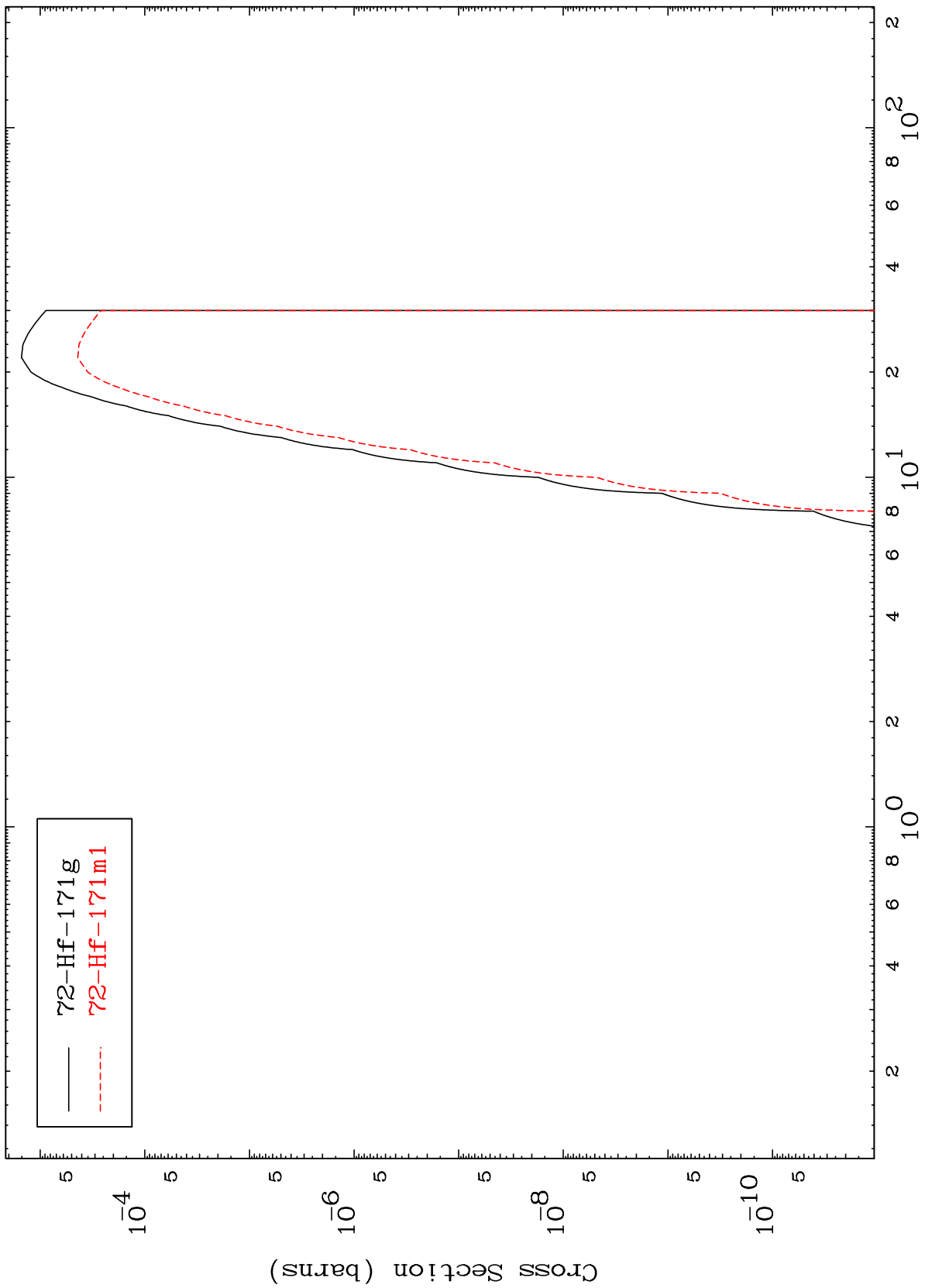
0 Kelvin Cross Sections



MAT 7028

70-Yb-169

Inelastic
Radionuclide Production Cross Section



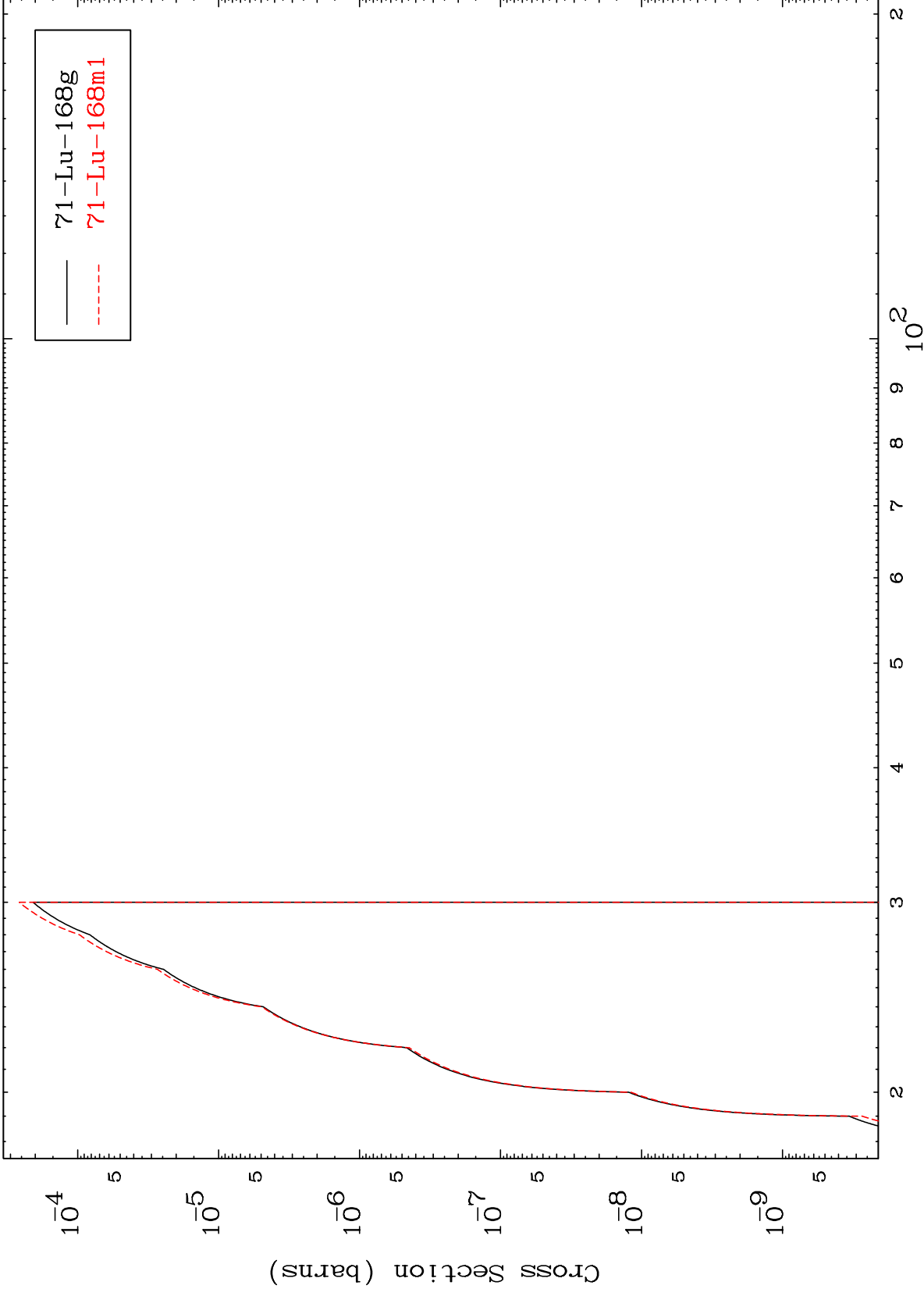
— $^{72}\text{Hf-171g}$
- - - $^{72}\text{Hf-171m1}$

MAT 7028

(n,2n) d

70-Yb-169

Radionuclide Production Cross Section



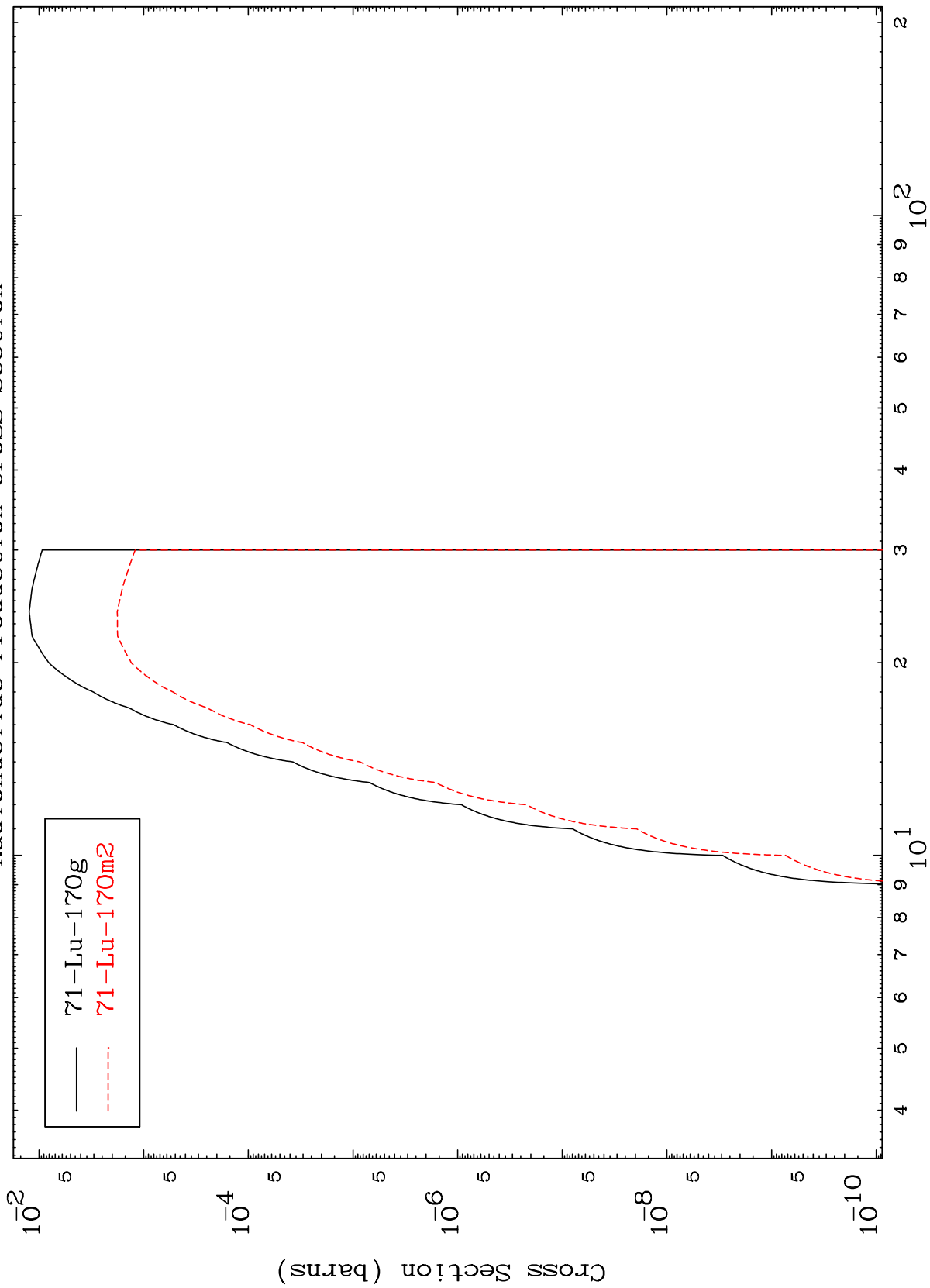
71-Lu-168g
71-Lu-168m1

MAT 7028

(n,n') p

70-Yb-169

Radionuclide Production Cross Section



14

Incident Energy (MeV)

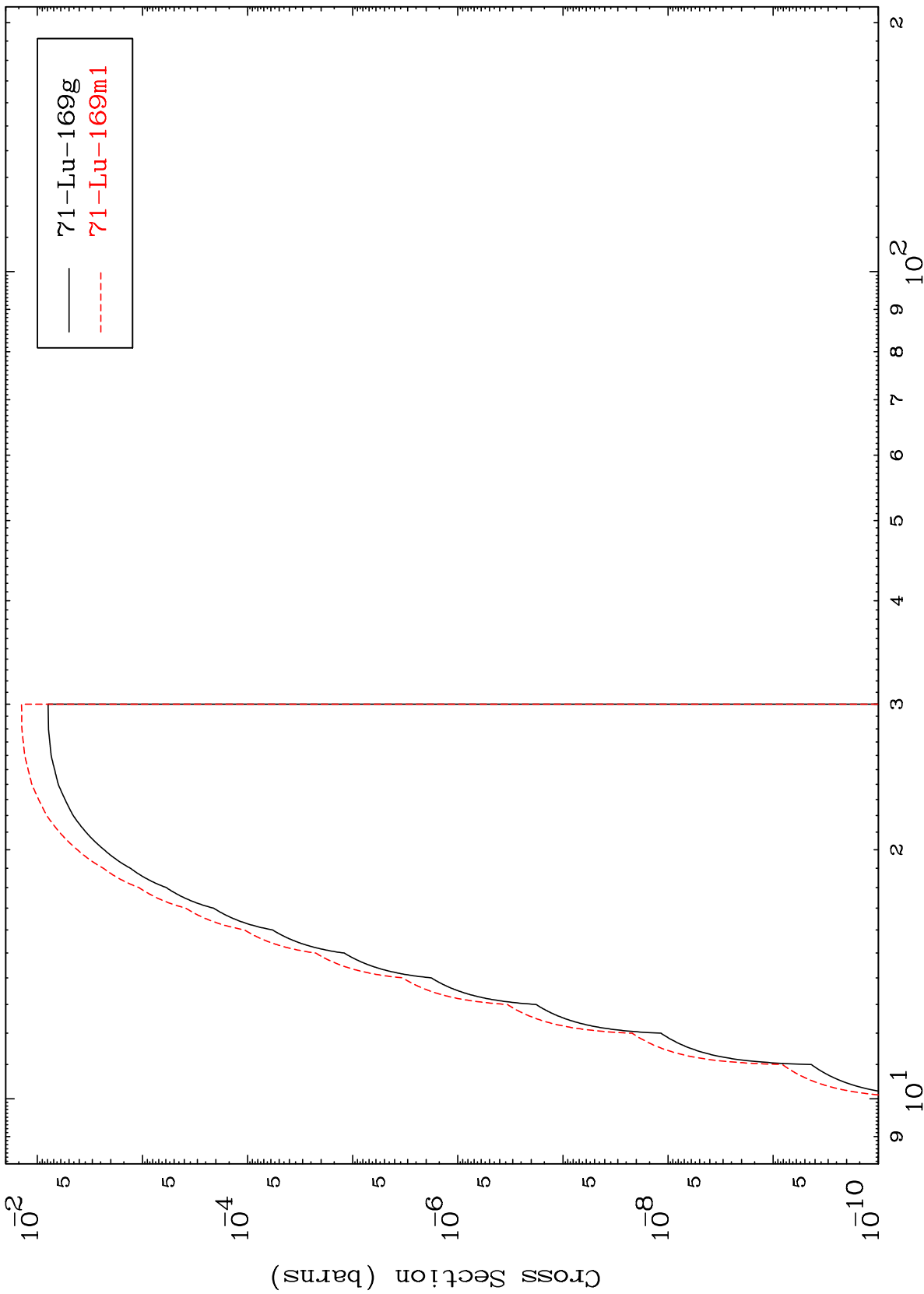
70-Yb-169

MAT 7028

(n,n') d

70-Yb-169

Radionuclide Production Cross Section

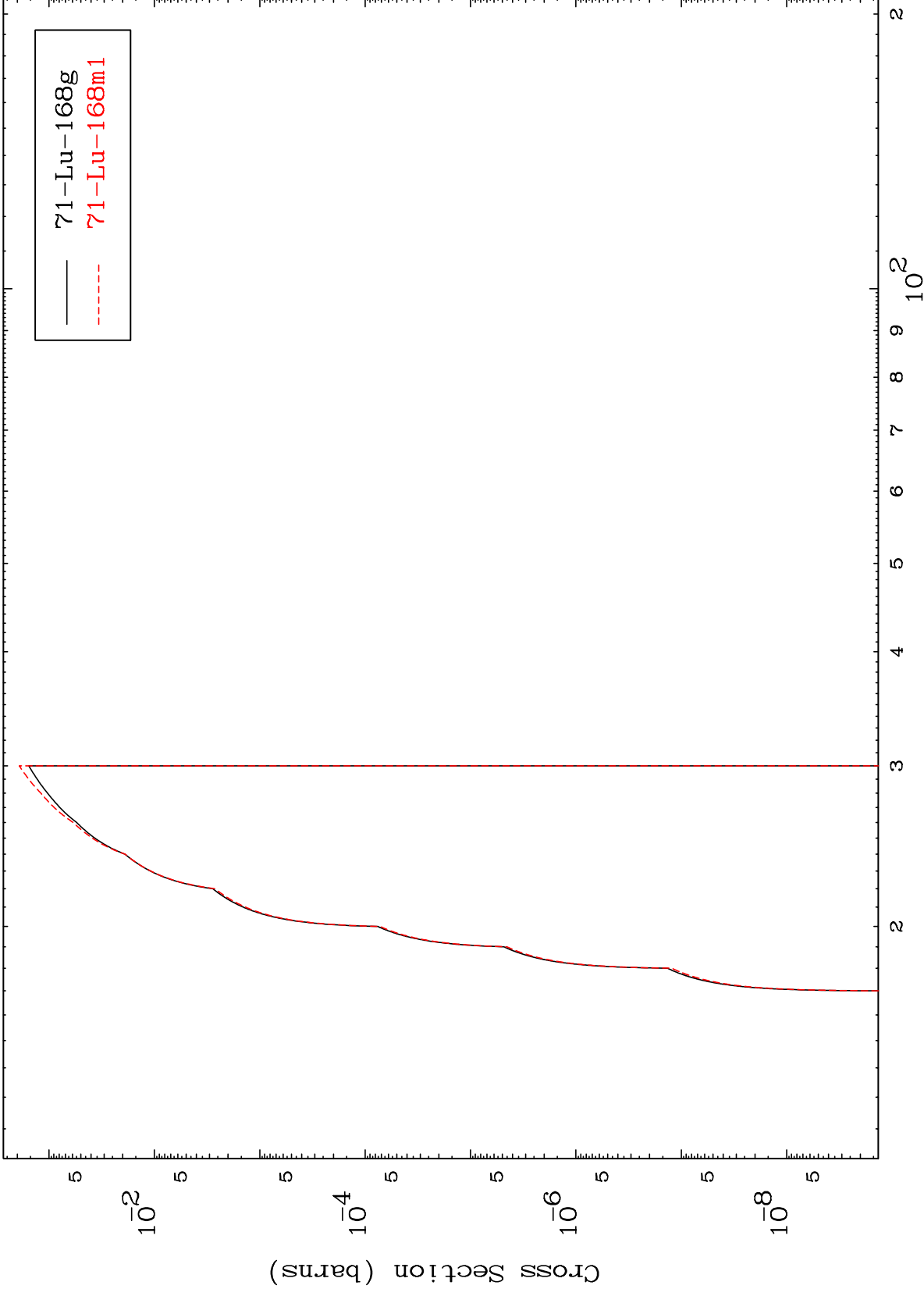


15

Incident Energy (MeV)

70-Yb-169

Radionuclide Production Cross Section

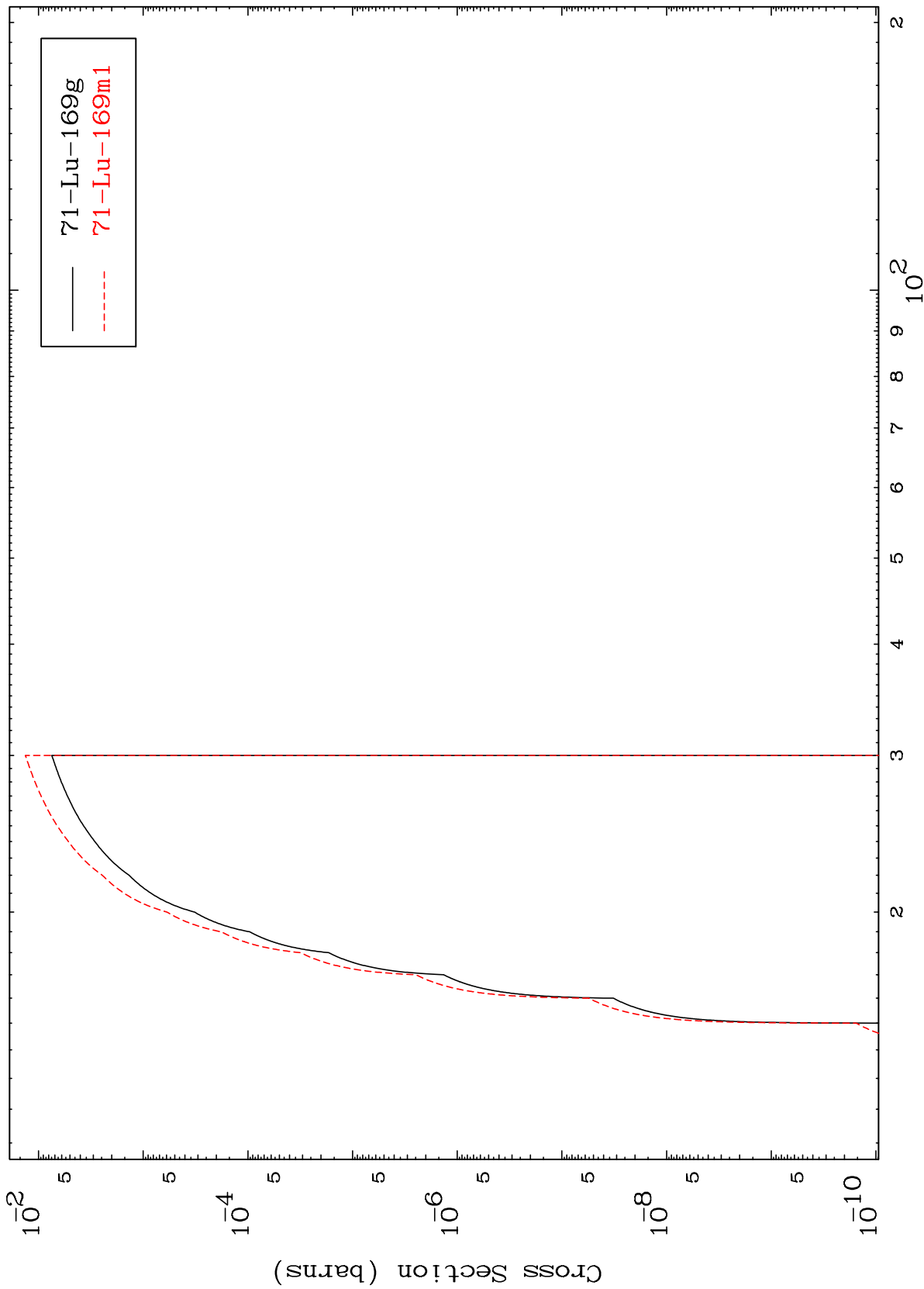


MAT 7028

(n,2n) p

70-Yb-169

Radionuclide Production Cross Section



71-Lu-169g
71-Lu-169m1

17

Incident Energy (MeV)

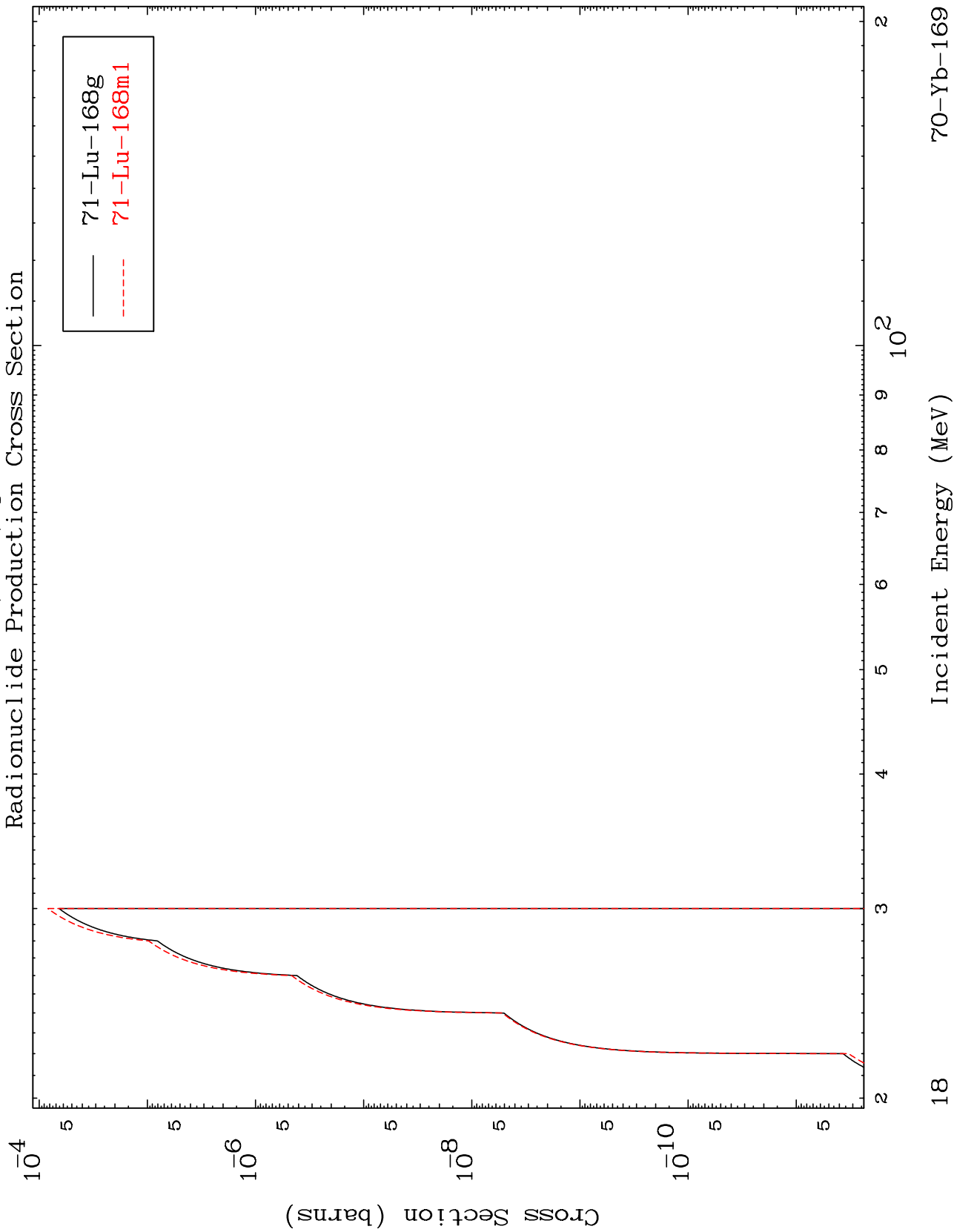
70-Yb-169

MAT 7028

(n,3n) p

70-Yb-169

Radionuclide Production Cross Section



18

Incident Energy (MeV)

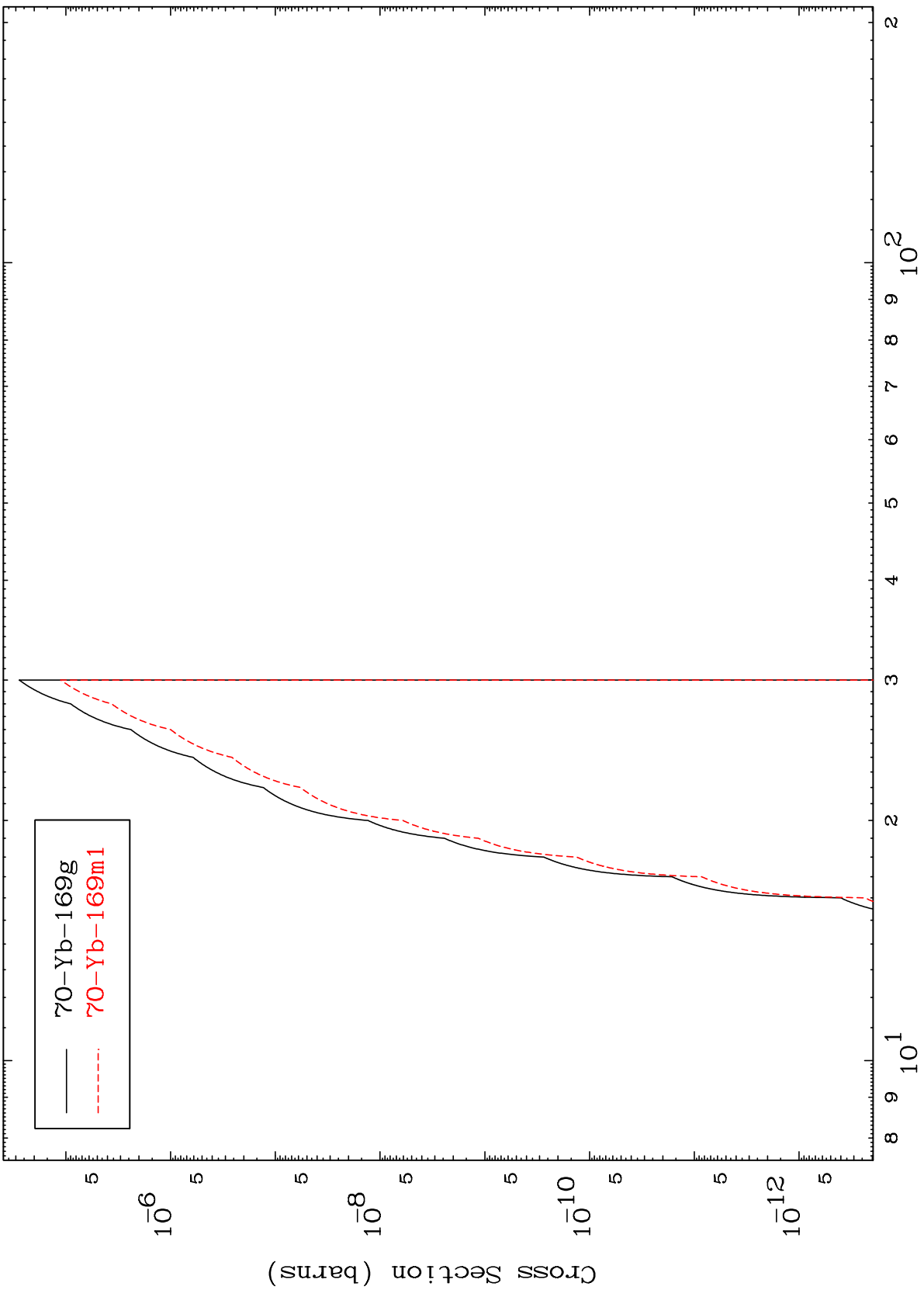
70-Yb-169

MAT 7028

(n,2n) p

70-Yb-169

Radionuclide Production Cross Section



19

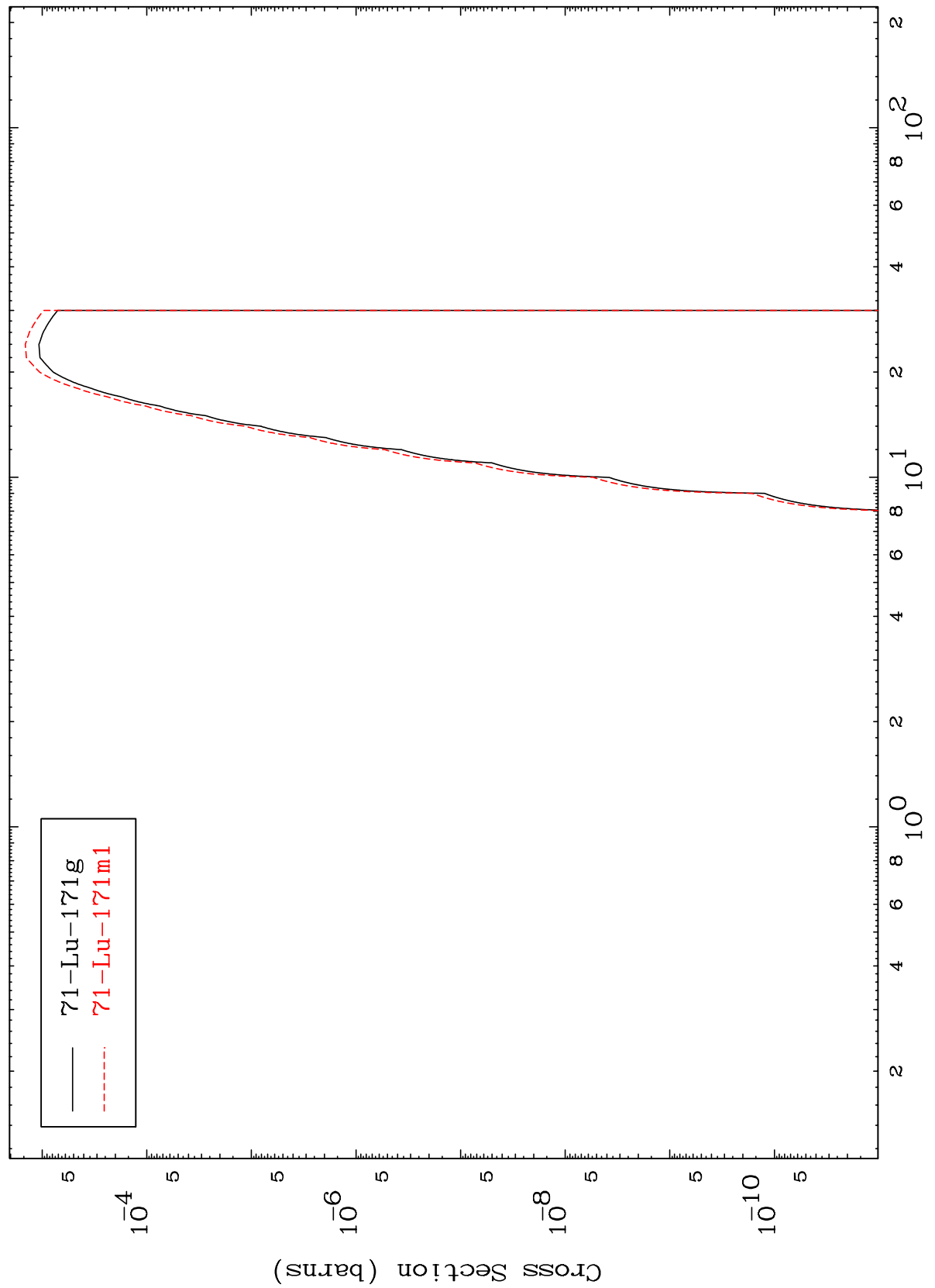
Incident Energy (MeV)

70-Yb-169

MAT 7028

70-Yb-169

(n,p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

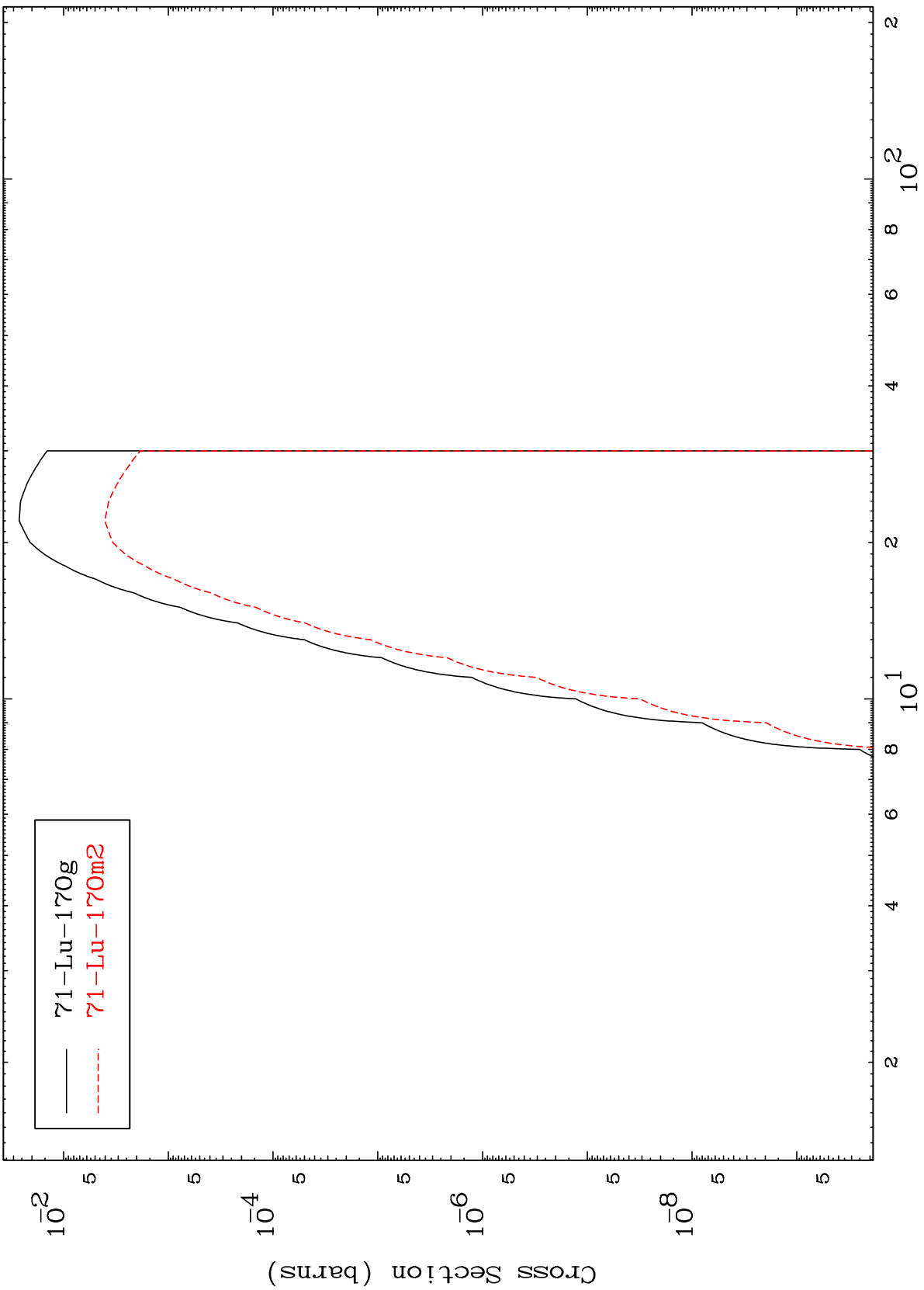
70-Yb-169

MAT 7028

(n,d)

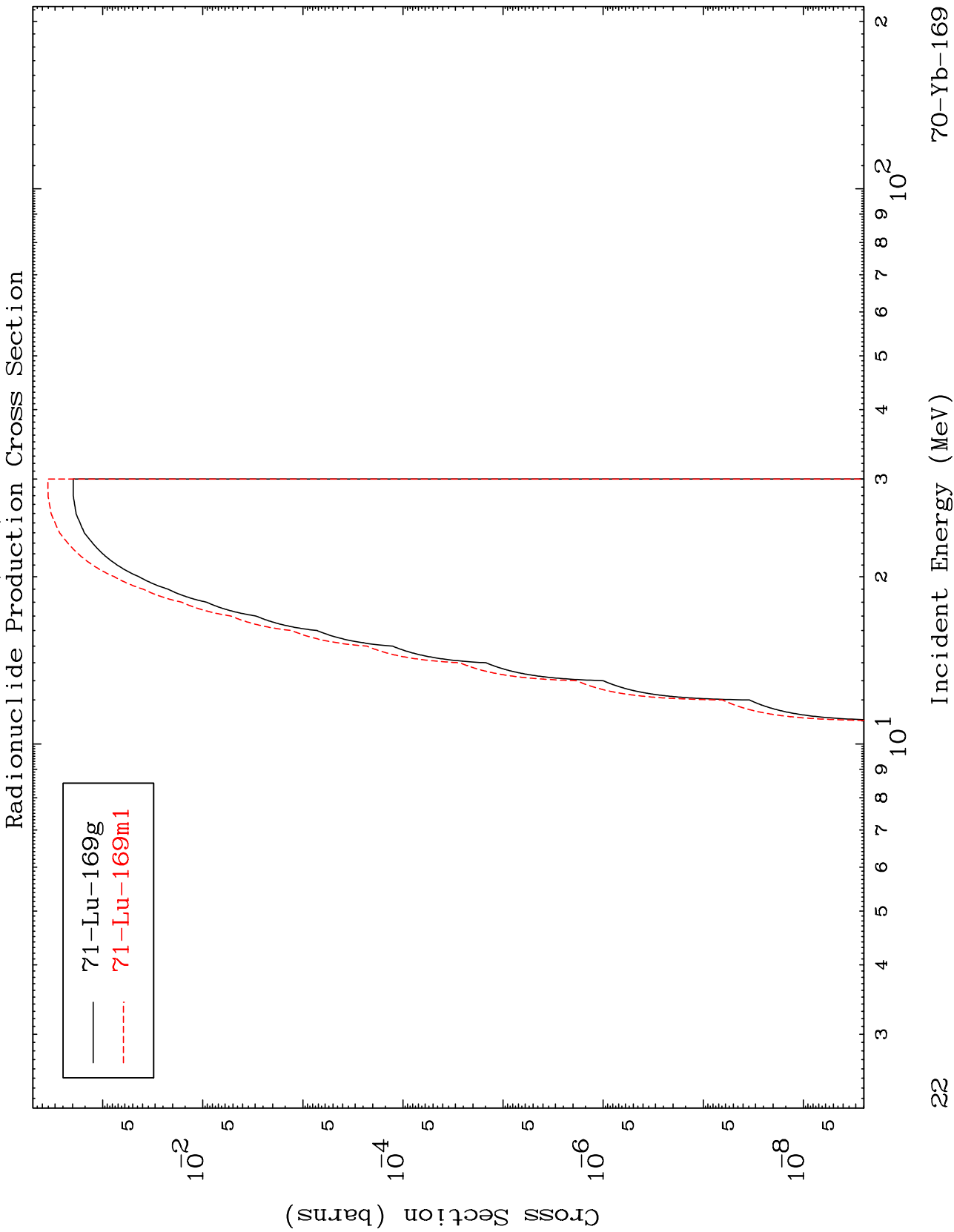
70-Yb-169

Radionuclide Production Cross Section



MAT 7028

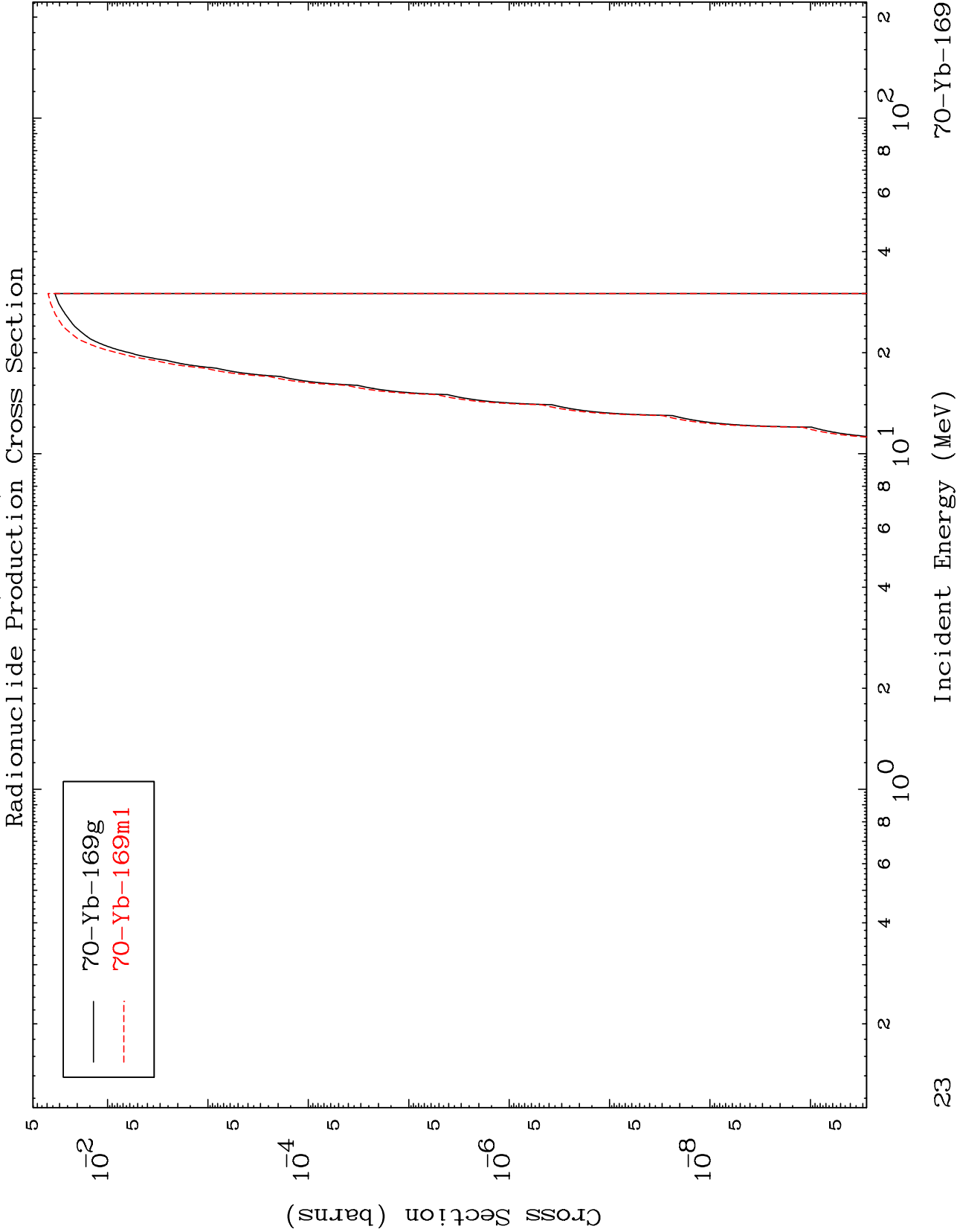
70-Yb-169



MAT 7028

(n,He-3)

70-Yb-169

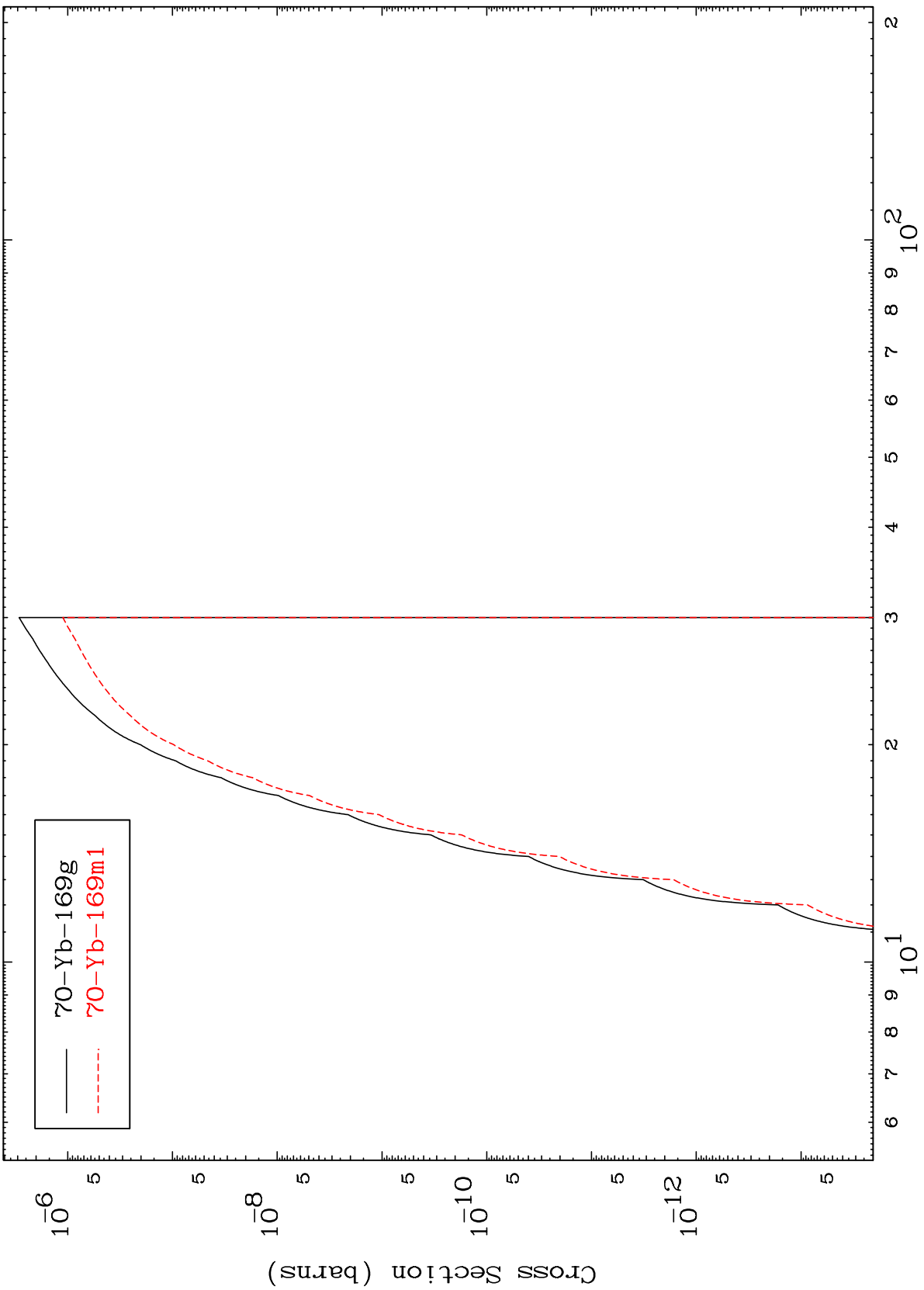


MAT 7028

(n,p) d

70-Yb-169

Radionuclide Production Cross Section



24

Incident Energy (MeV)

70-Yb-169