

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

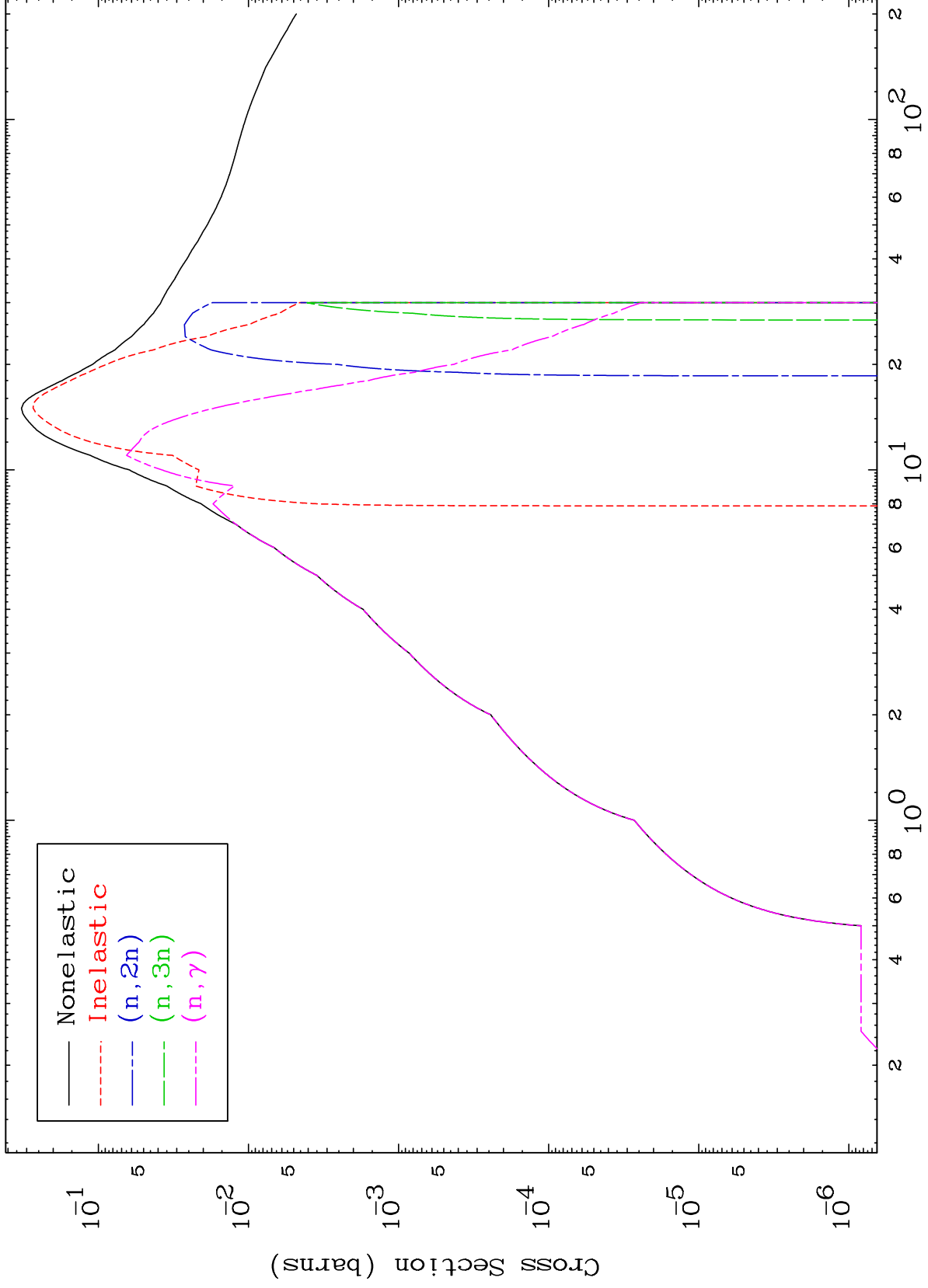
Press Mouse Button to Start

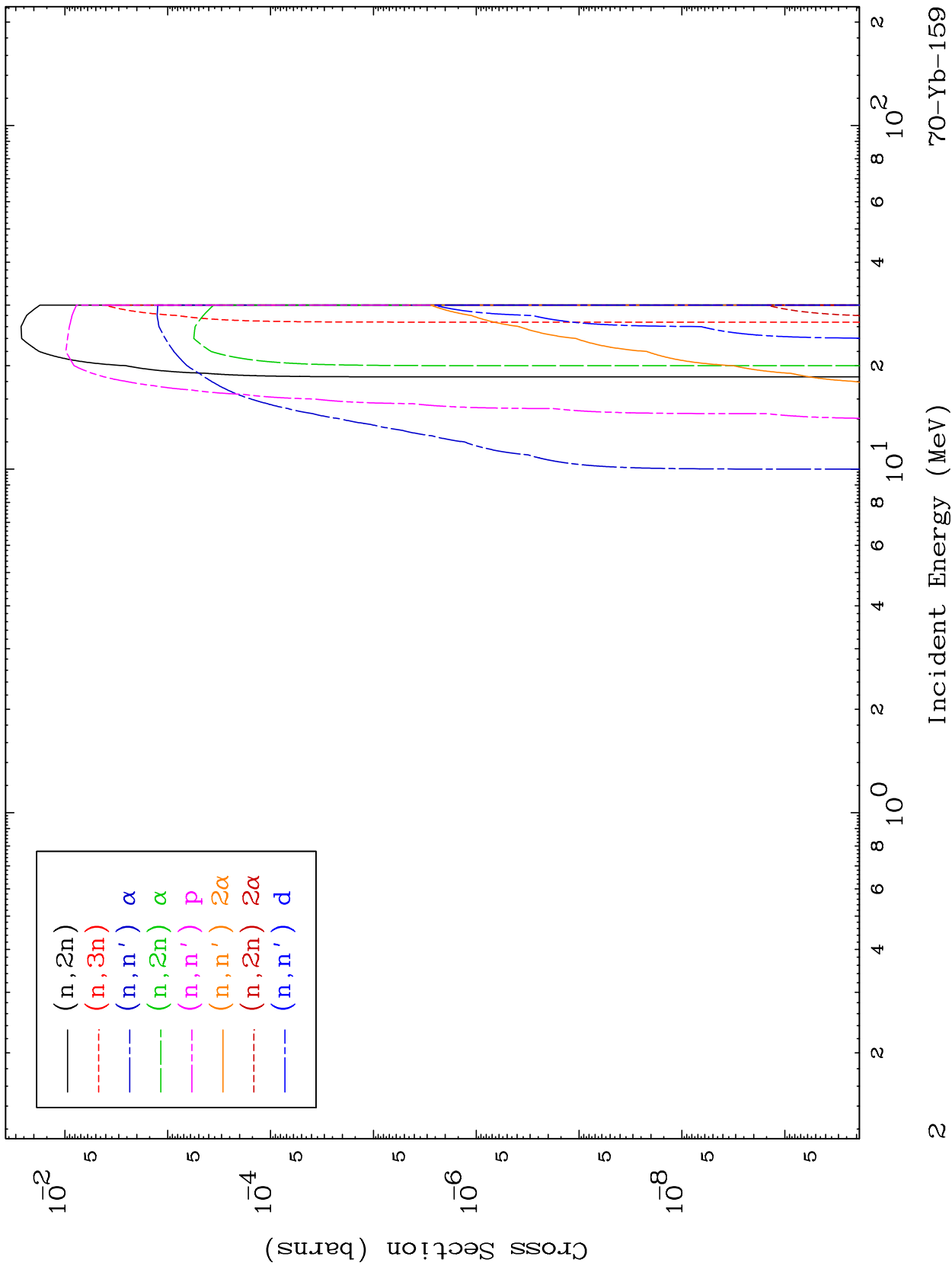
MAT 6998

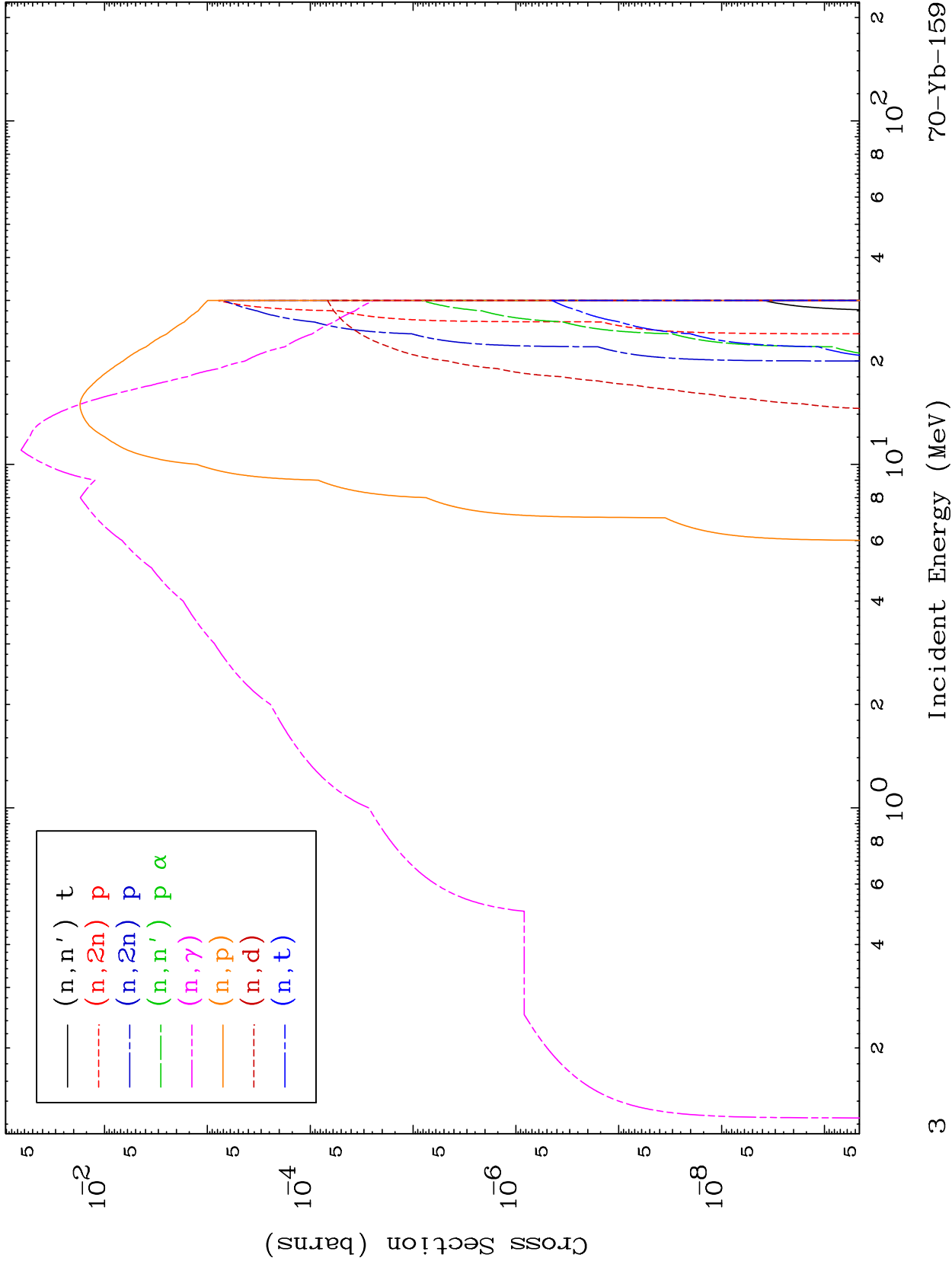
Photon Major

70-Yb-159

0 Kelvin Cross Sections



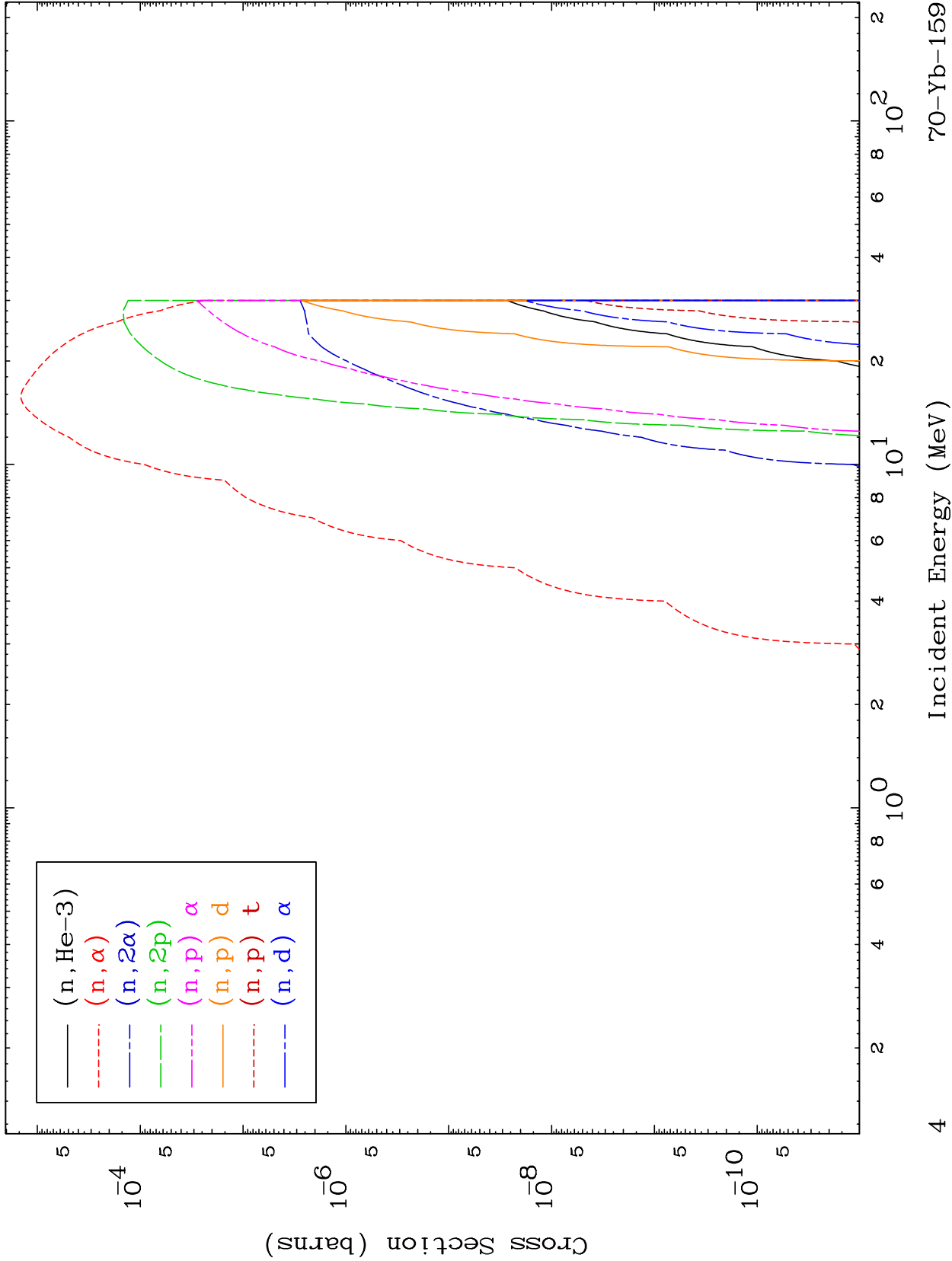




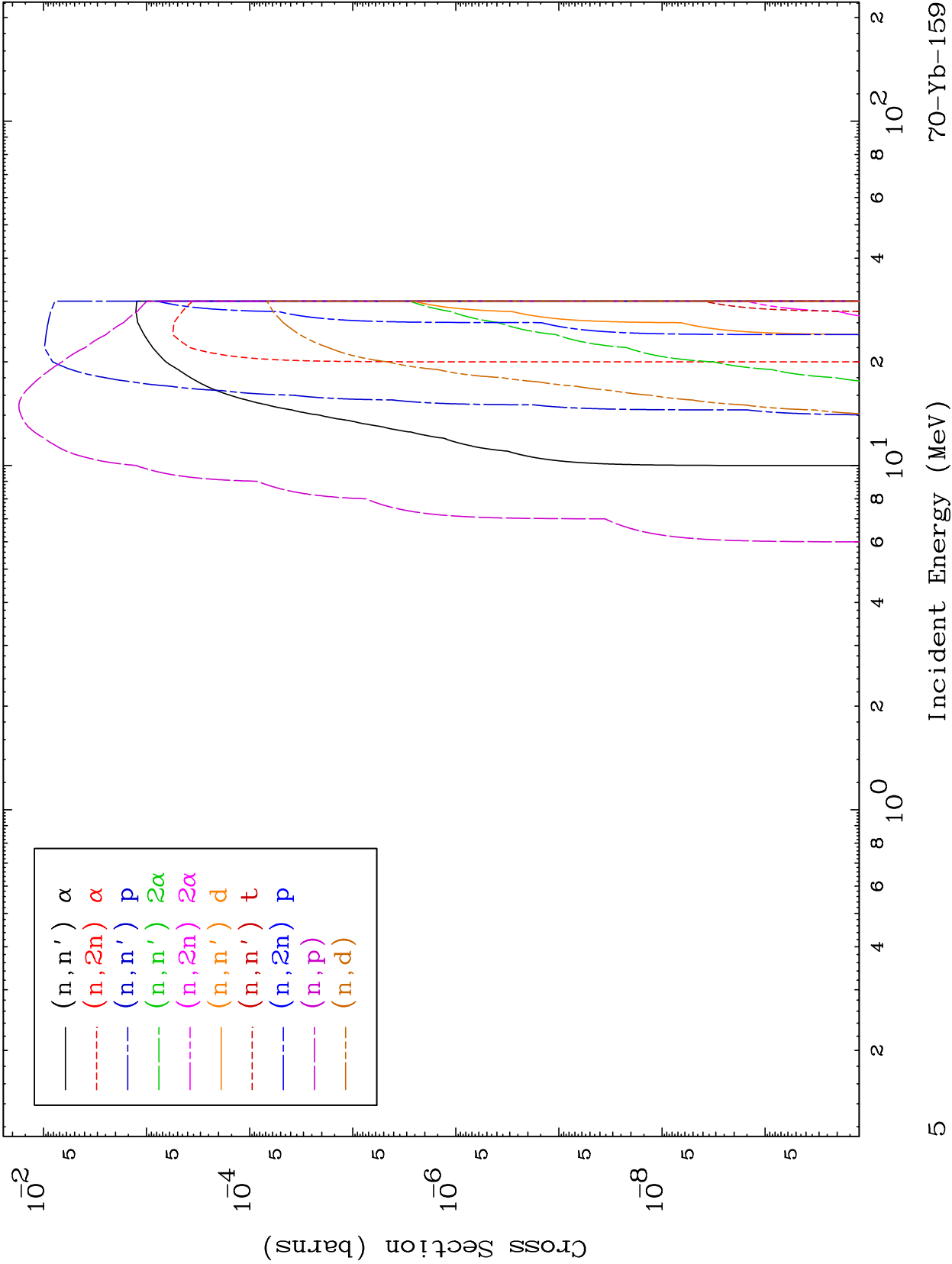
MAT 6998

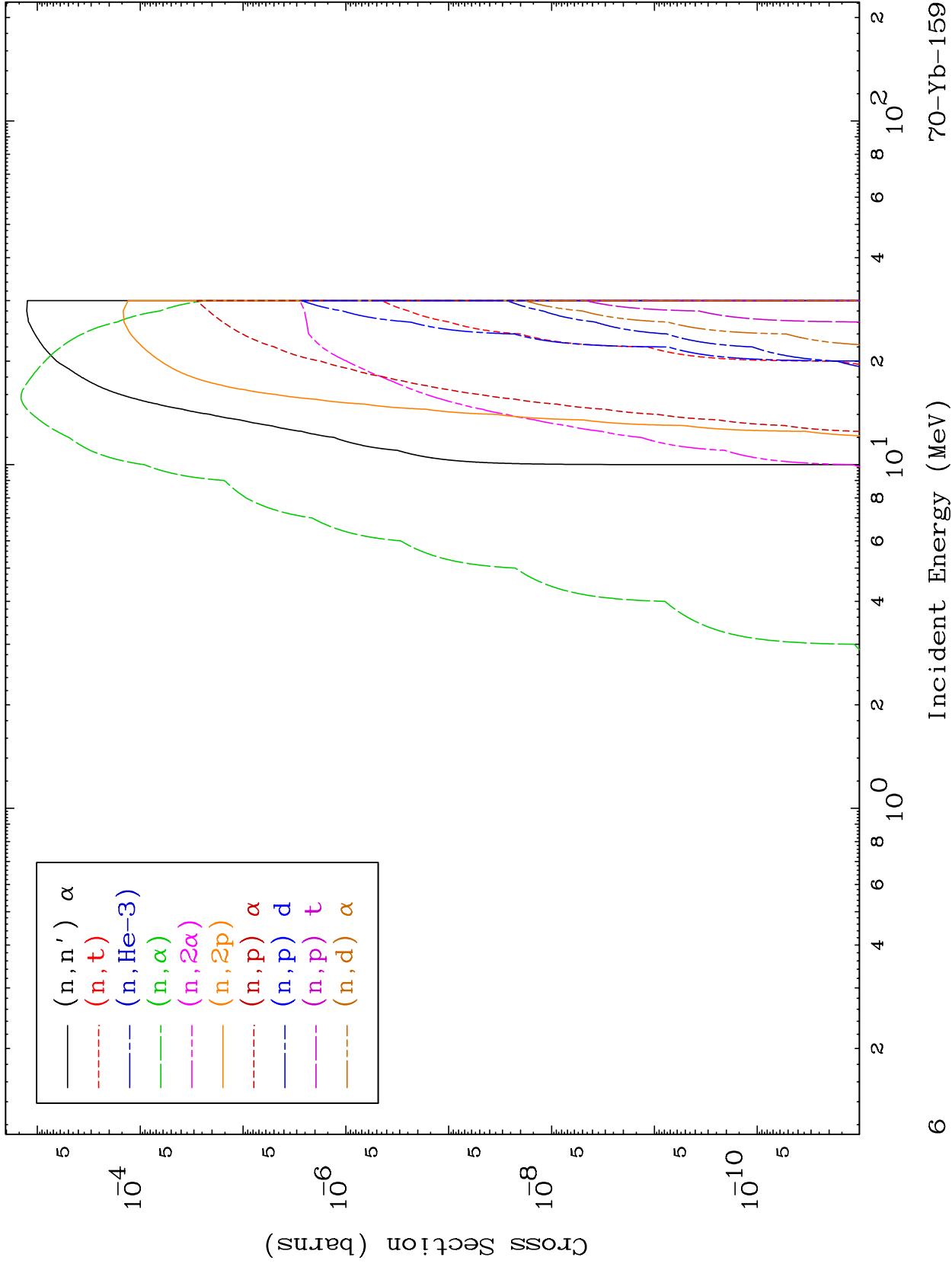
Photon Neutron Absorption
0 Kelvin Cross Sections

70-Yb-159



70-Yb-159



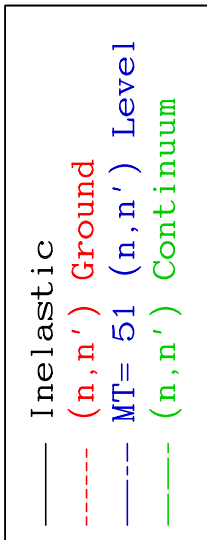
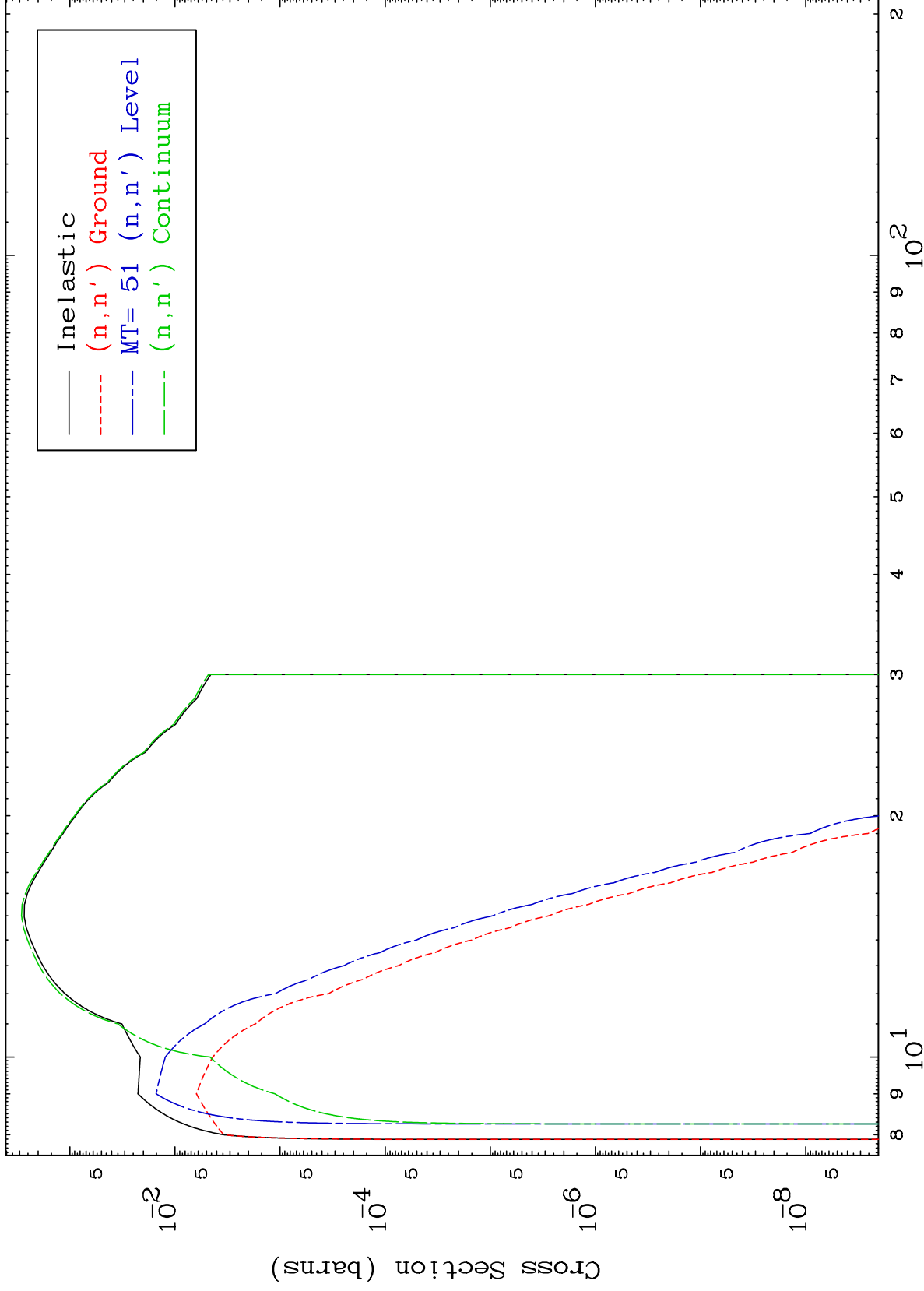


MAT 6998

(γ, n') Levels

70-Yb-159

0 Kelvin Cross Sections



7

Incident Energy (MeV)

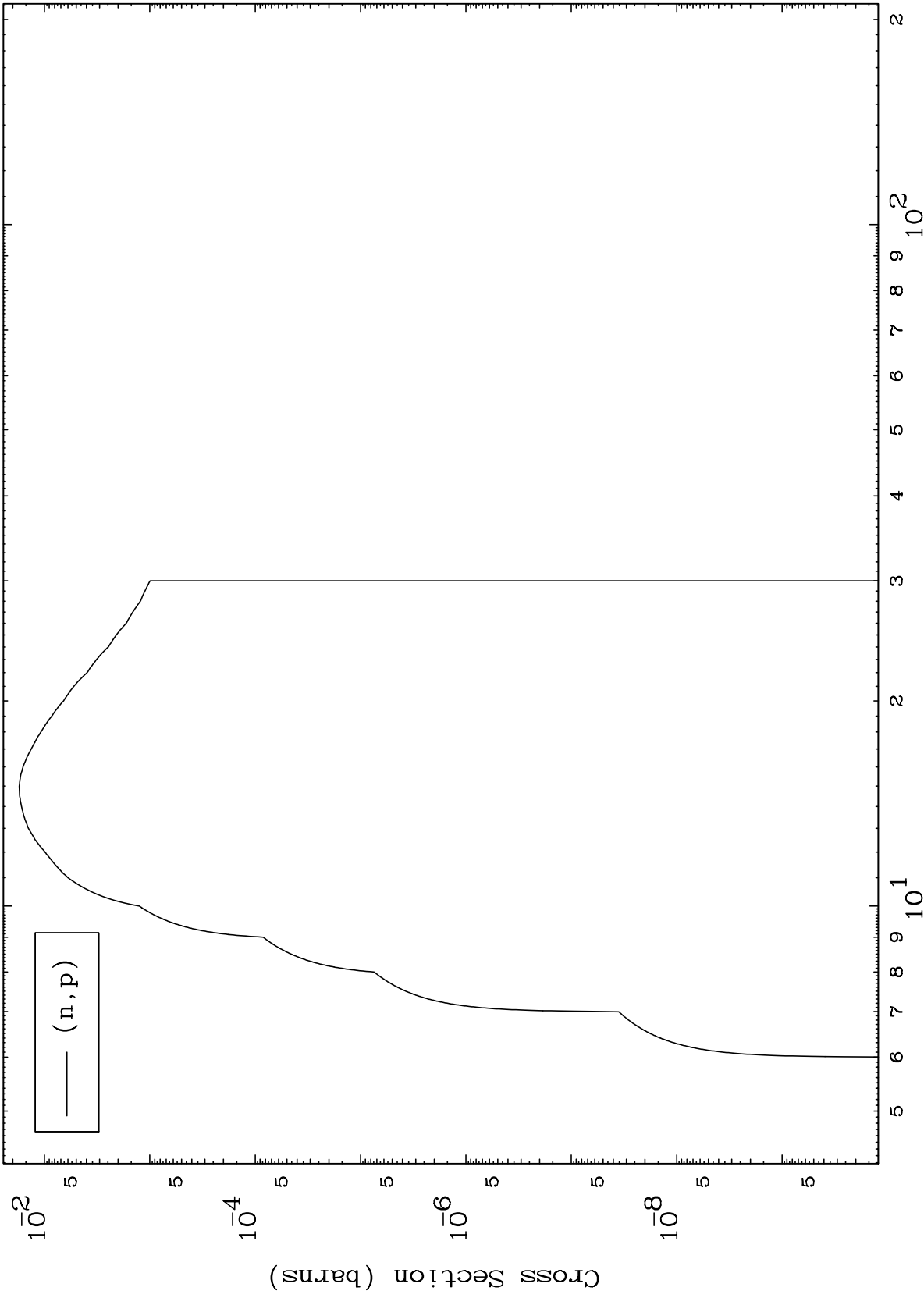
70-Yb-159

MAT 6998

(γ, p) Levels

70-Yb-159

0 Kelvin Cross Sections



8

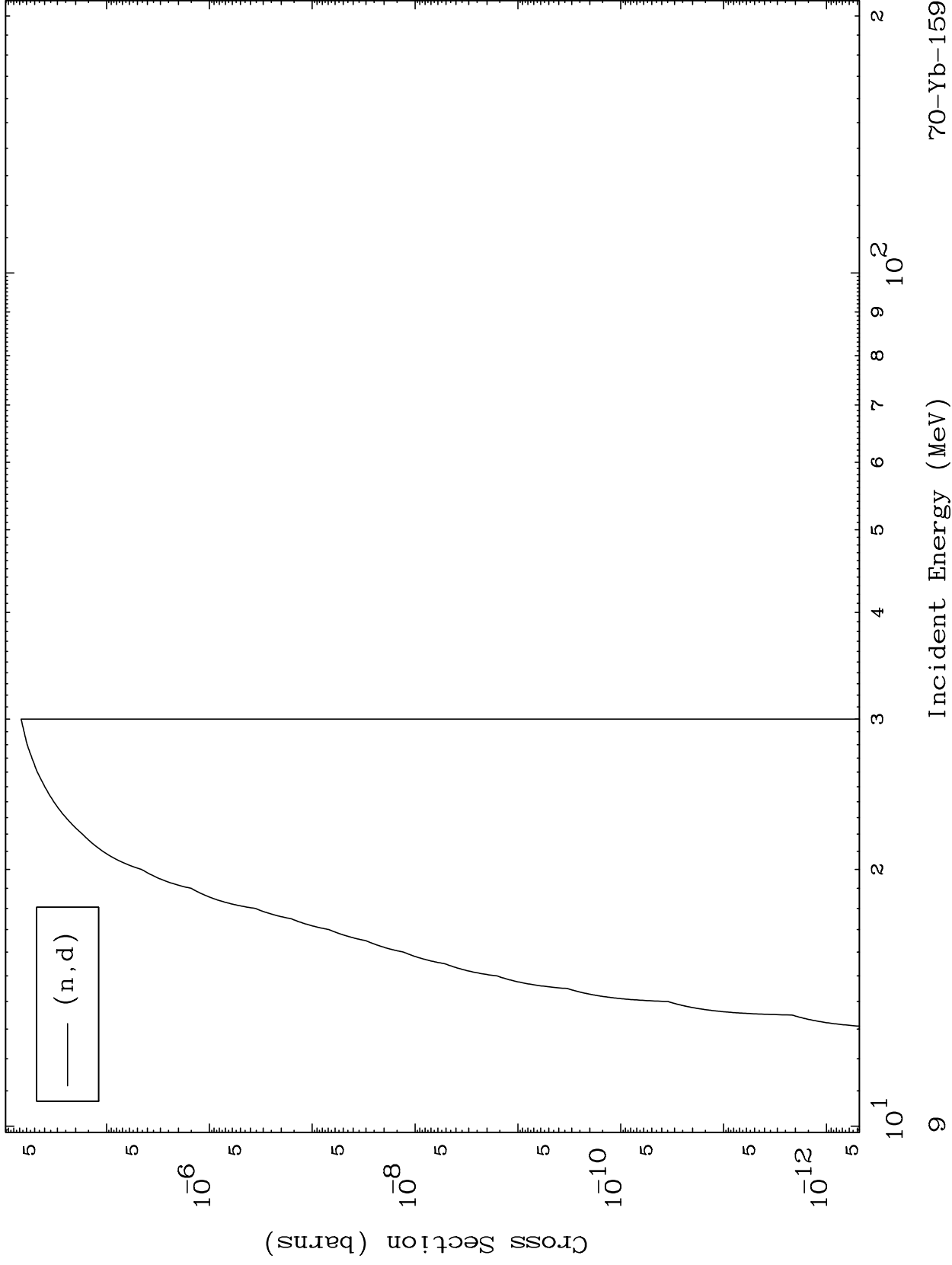
Incident Energy (MeV)

70-Yb-159

MAT 6998

(γ, d) Levels
0 Kelvin Cross Sections

70-Yb-159



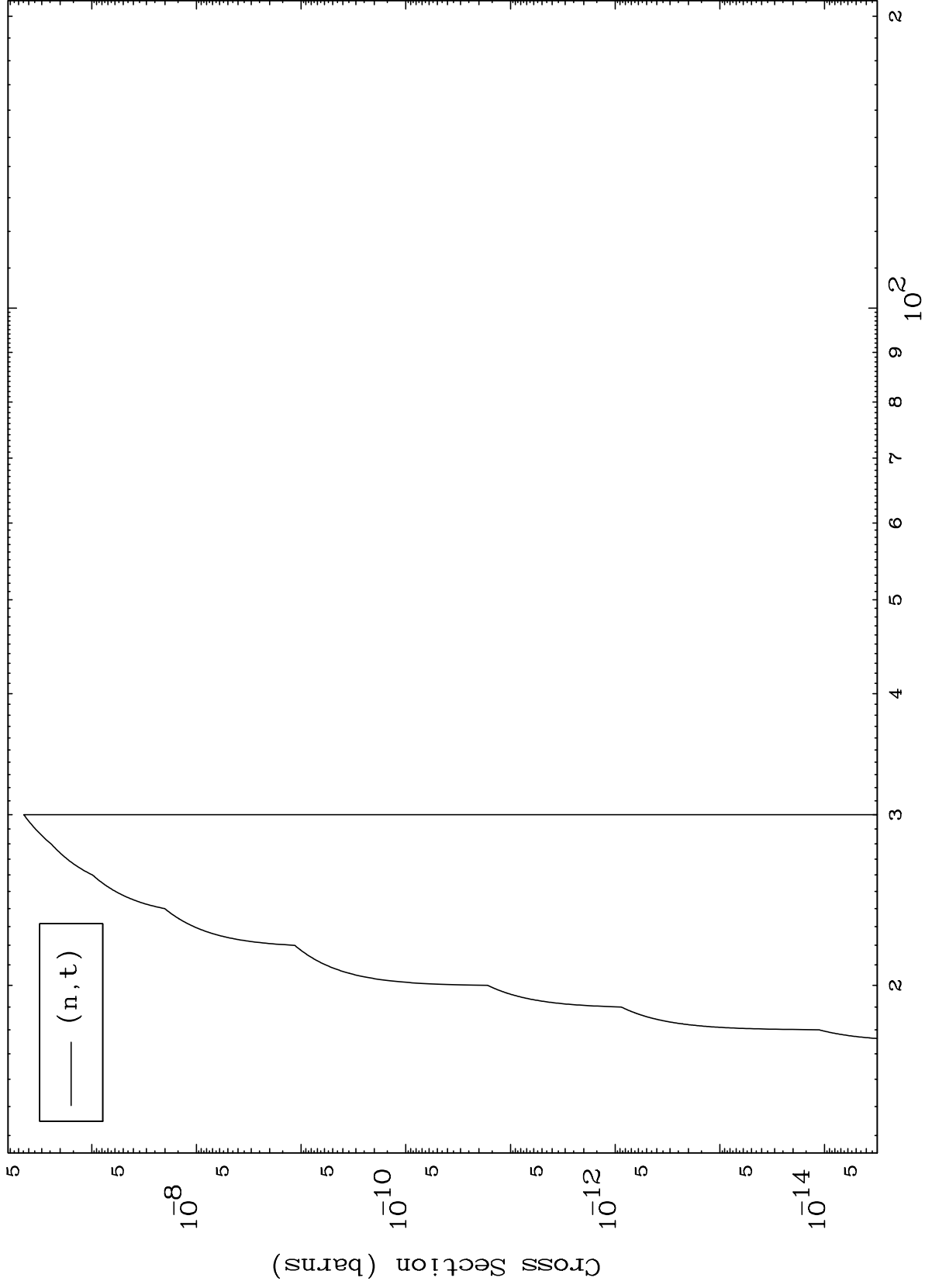
70-Yb-159

Incident Energy (MeV)

MAT 6998

(γ, t) Levels
0 Kelvin Cross Sections

70-Yb-159

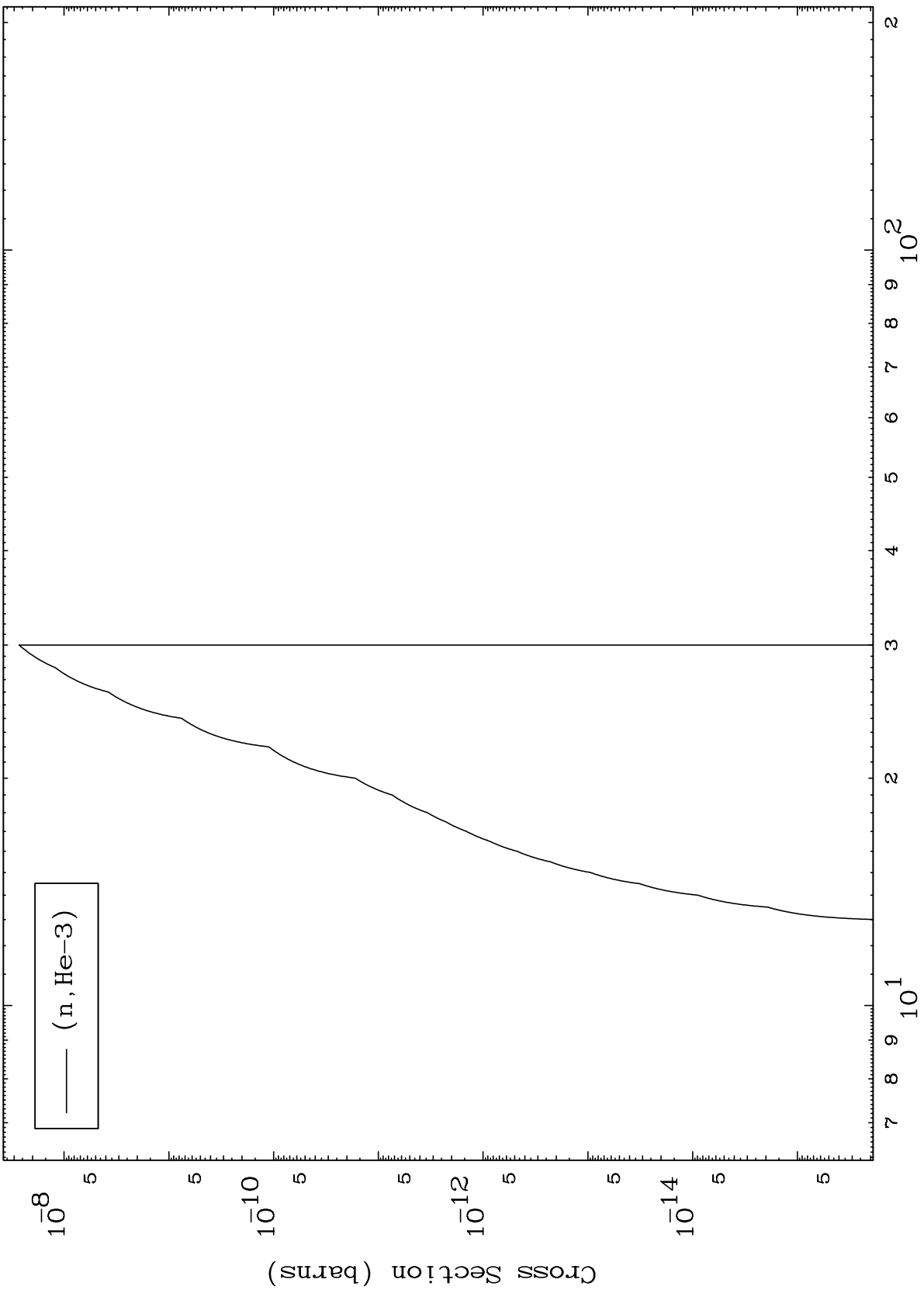


10

Incident Energy (MeV)

70-Yb-159

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

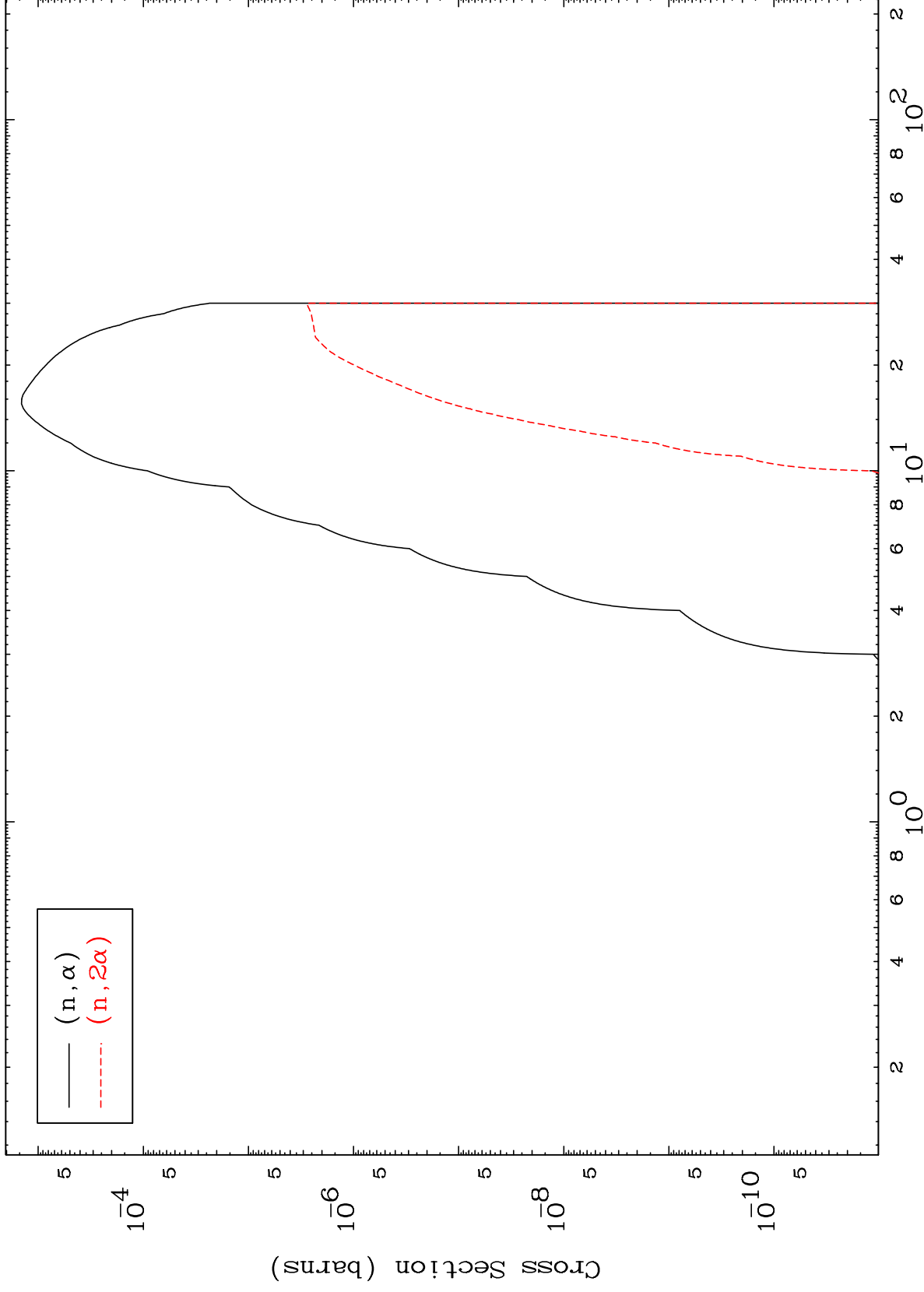


MAT 6998

(γ, α) Levels

70-Yb-159

0 Kelvin Cross Sections



12

Incident Energy (MeV)

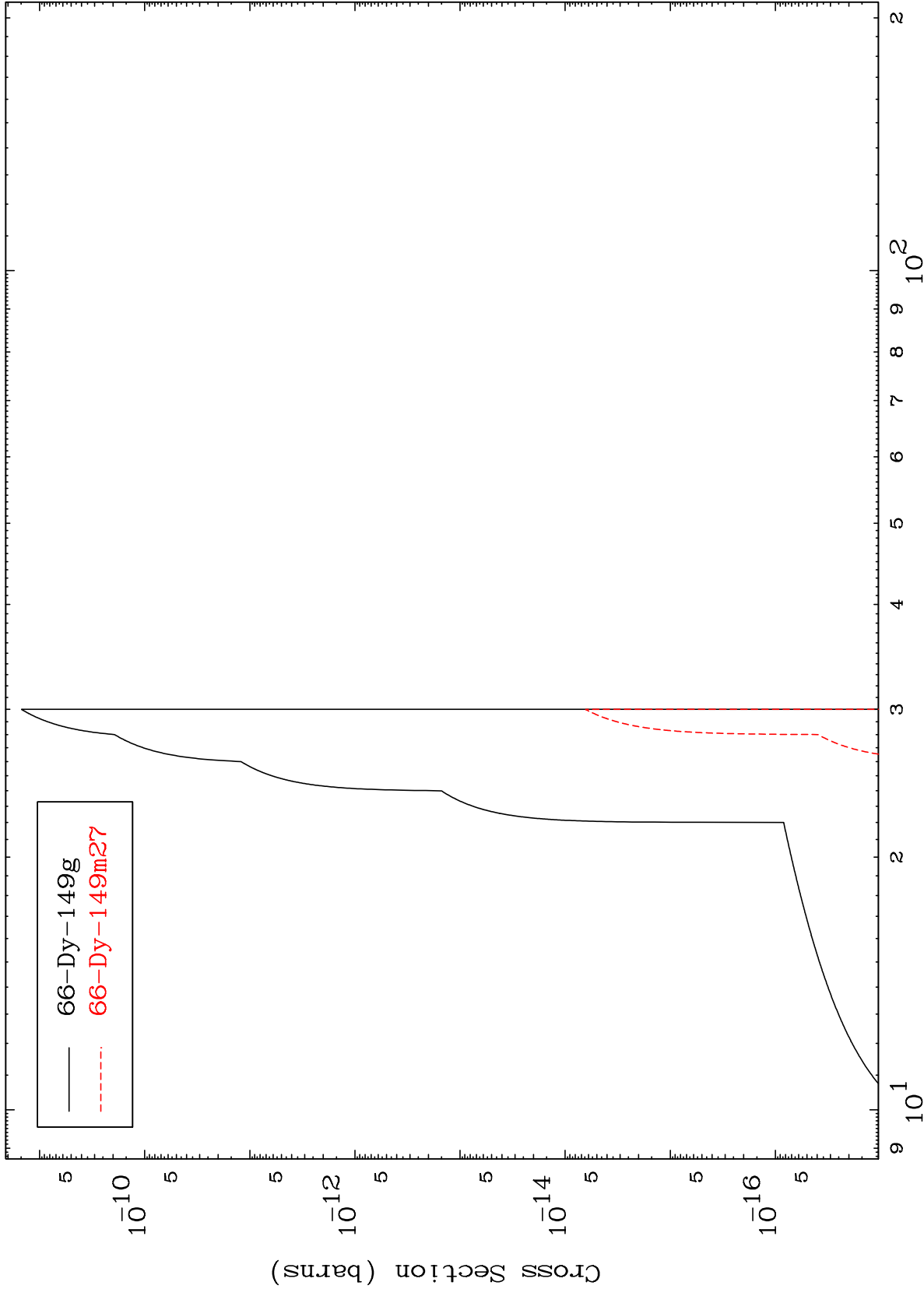
70-Yb-159

MAT 6998

(n,2n) 2 α

70-Yb-159

Radionuclide Production Cross Section



13

Incident Energy (MeV)

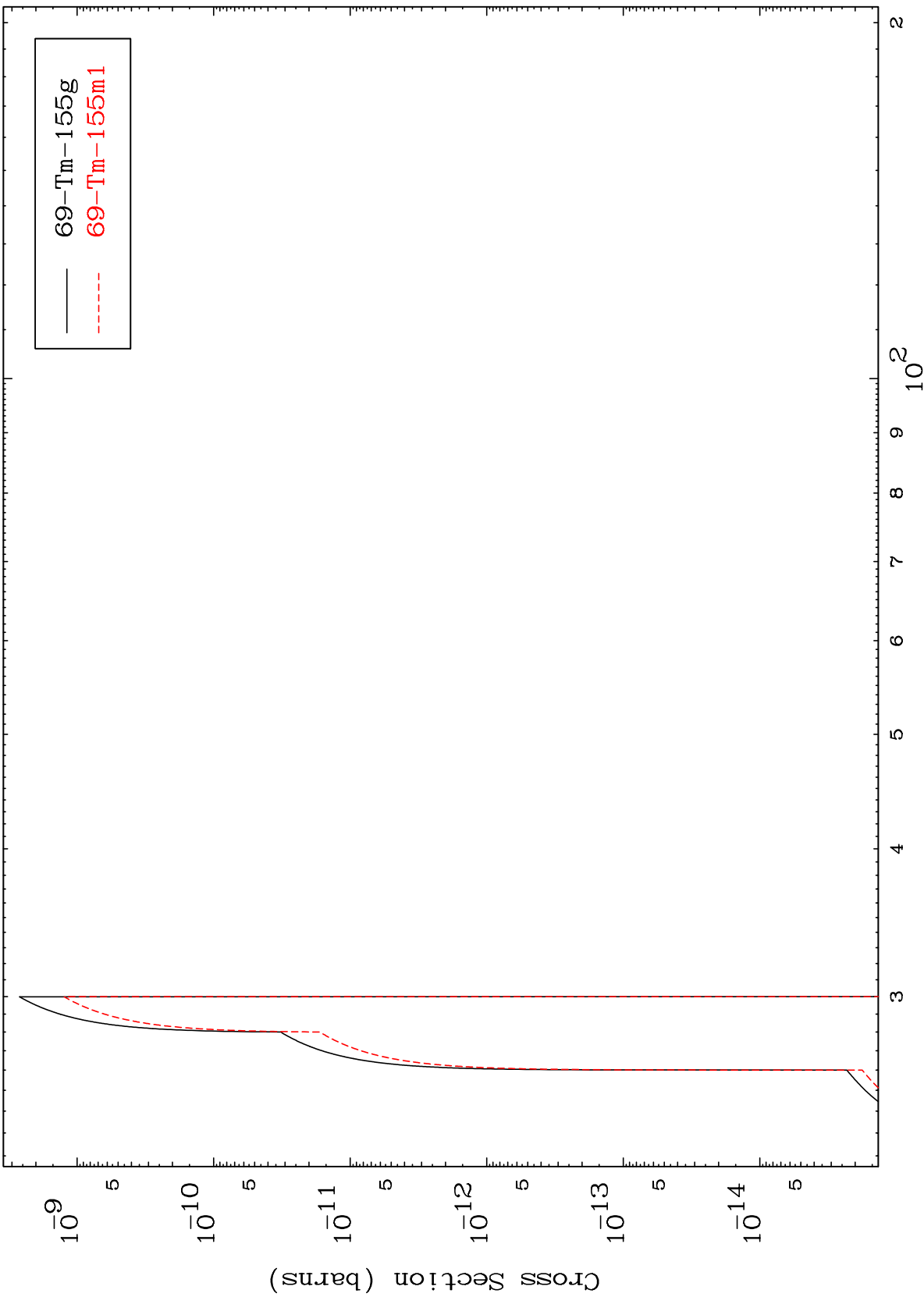
70-Yb-159

MAT 6998

(n,n') t

70-Yb-159

Radionuclide Production Cross Section



14

Incident Energy (MeV)

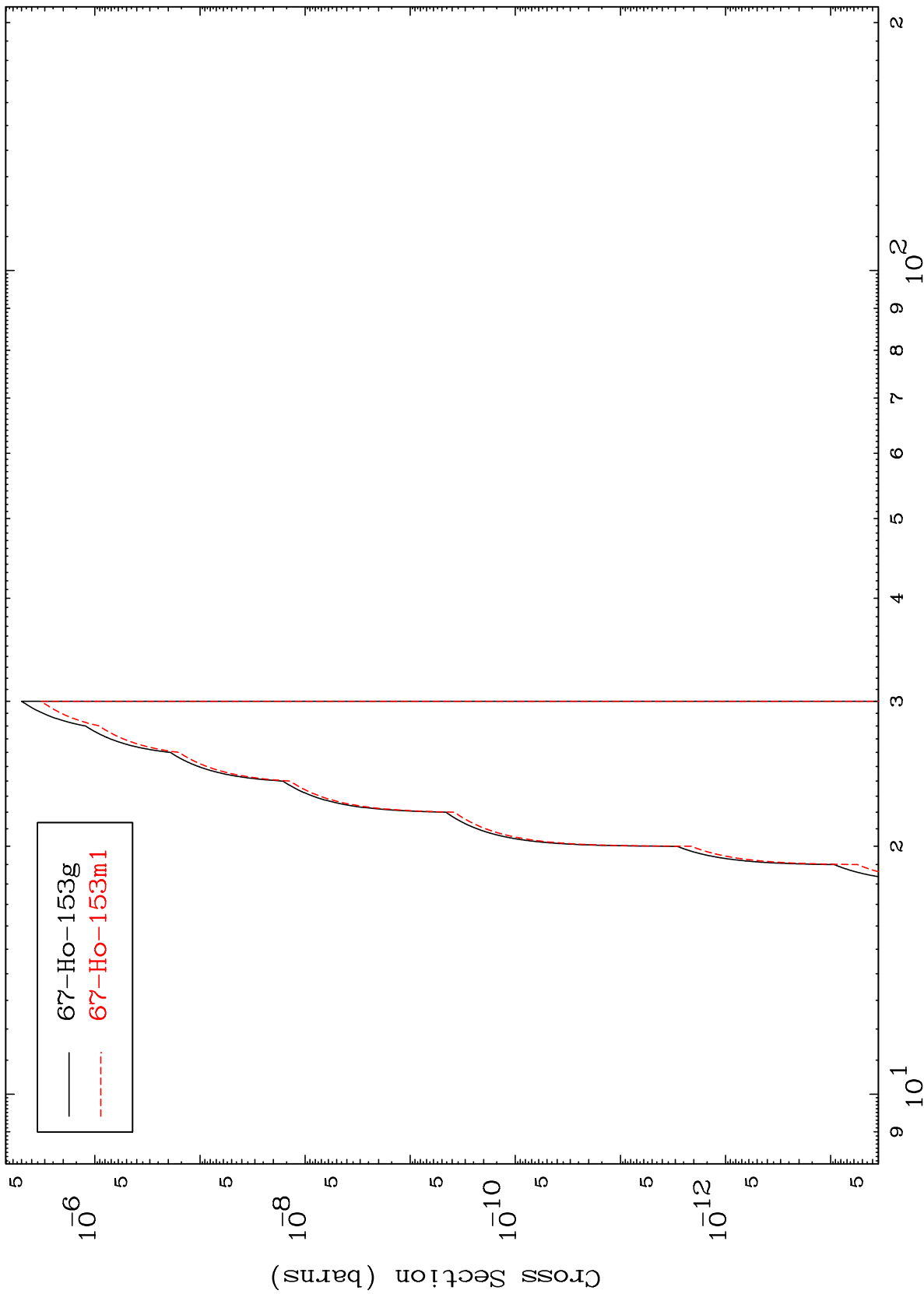
70-Yb-159

MAT 6998

(n,n') p α

70-Yb-159

Radionuclide Production Cross Section



15

Incident Energy (MeV)

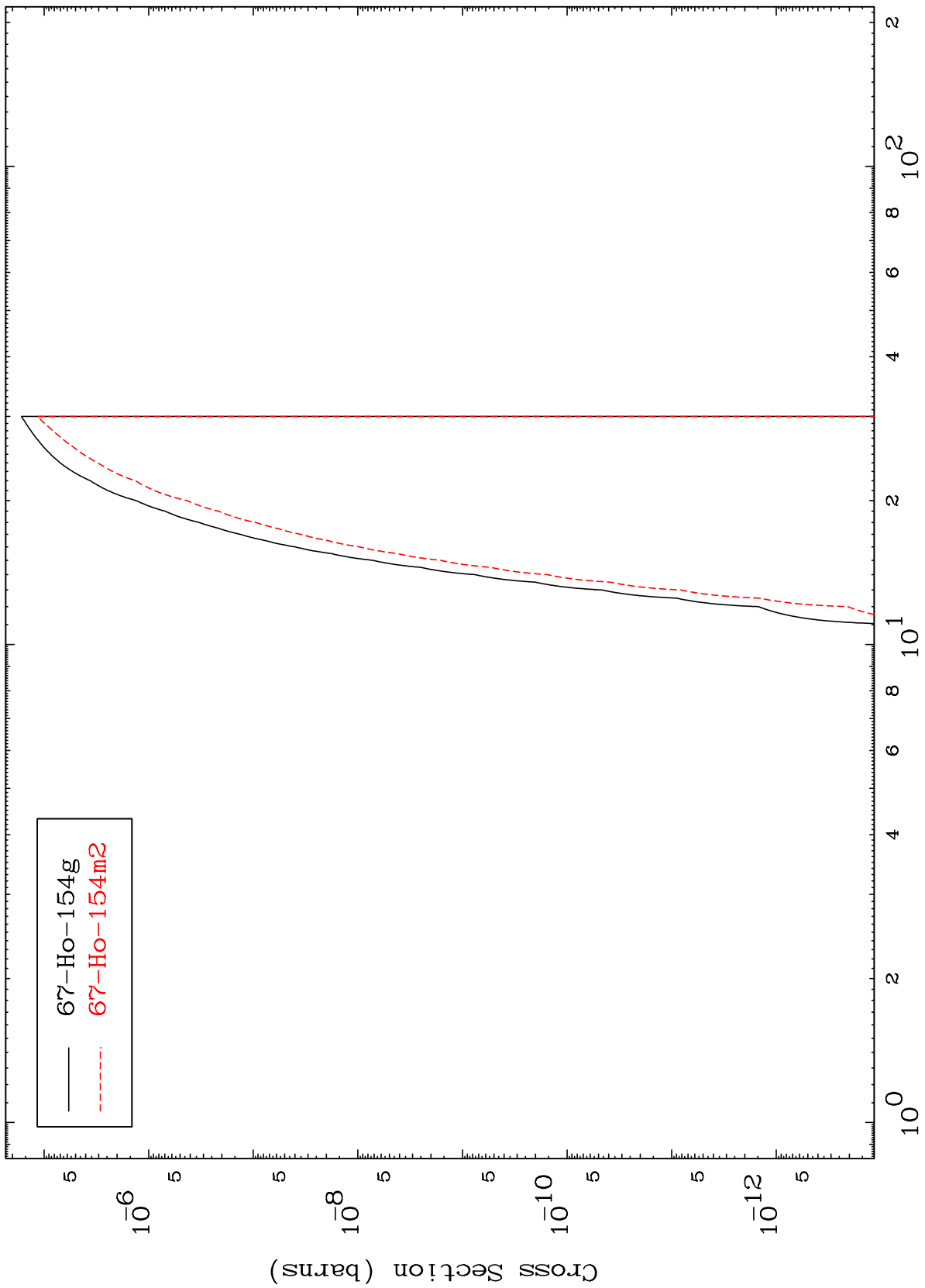
70-Yb-159

MAT 6998

(n,p) α

70-Yb-159

Radionuclide Production Cross Section



16

Incident Energy (MeV)

70-Yb-159

MAT 6998

(n,d) α

70-Yb-159

