

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

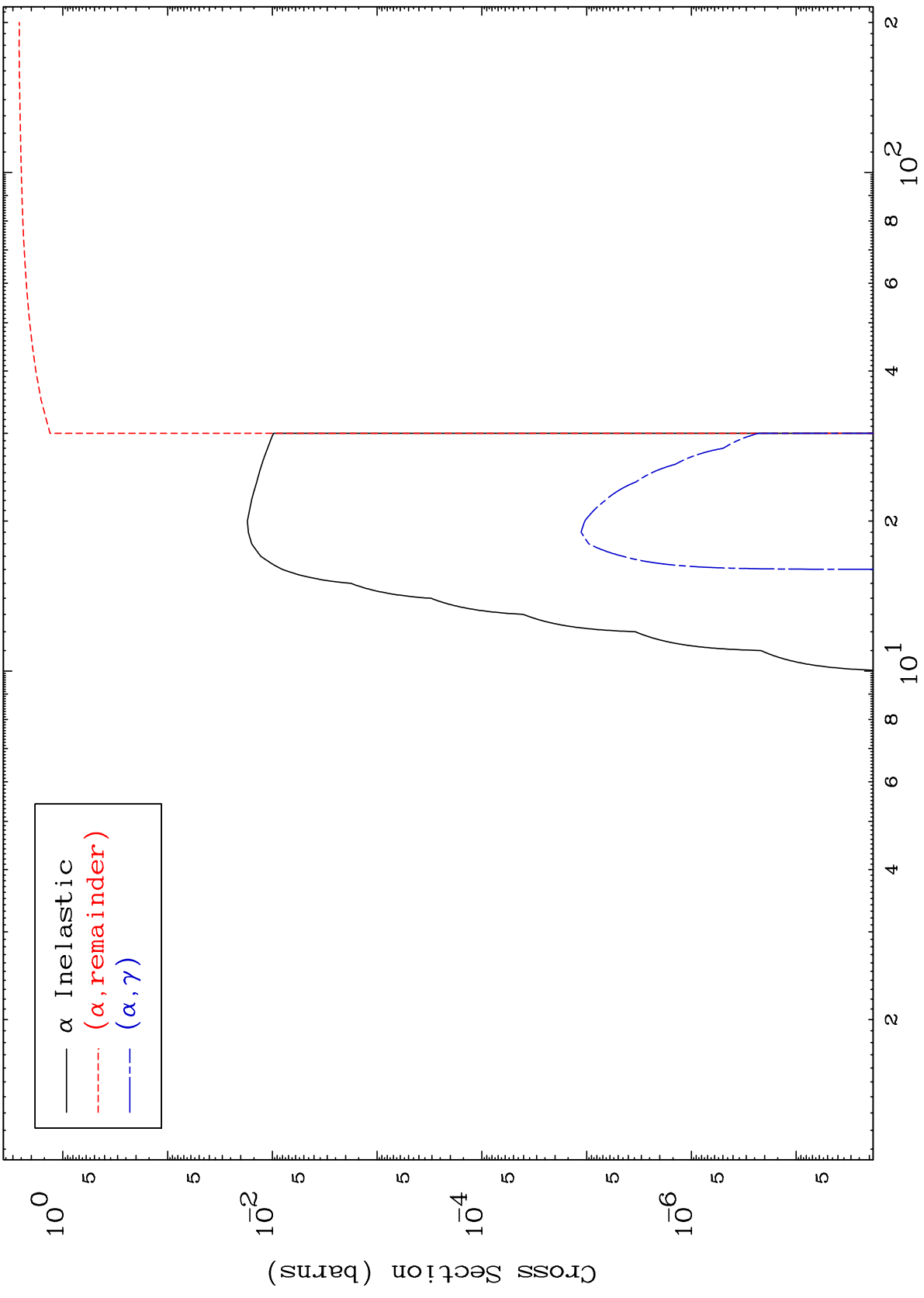
Press Mouse Button to Start

MAT 6940

α Major

69-Tm-174

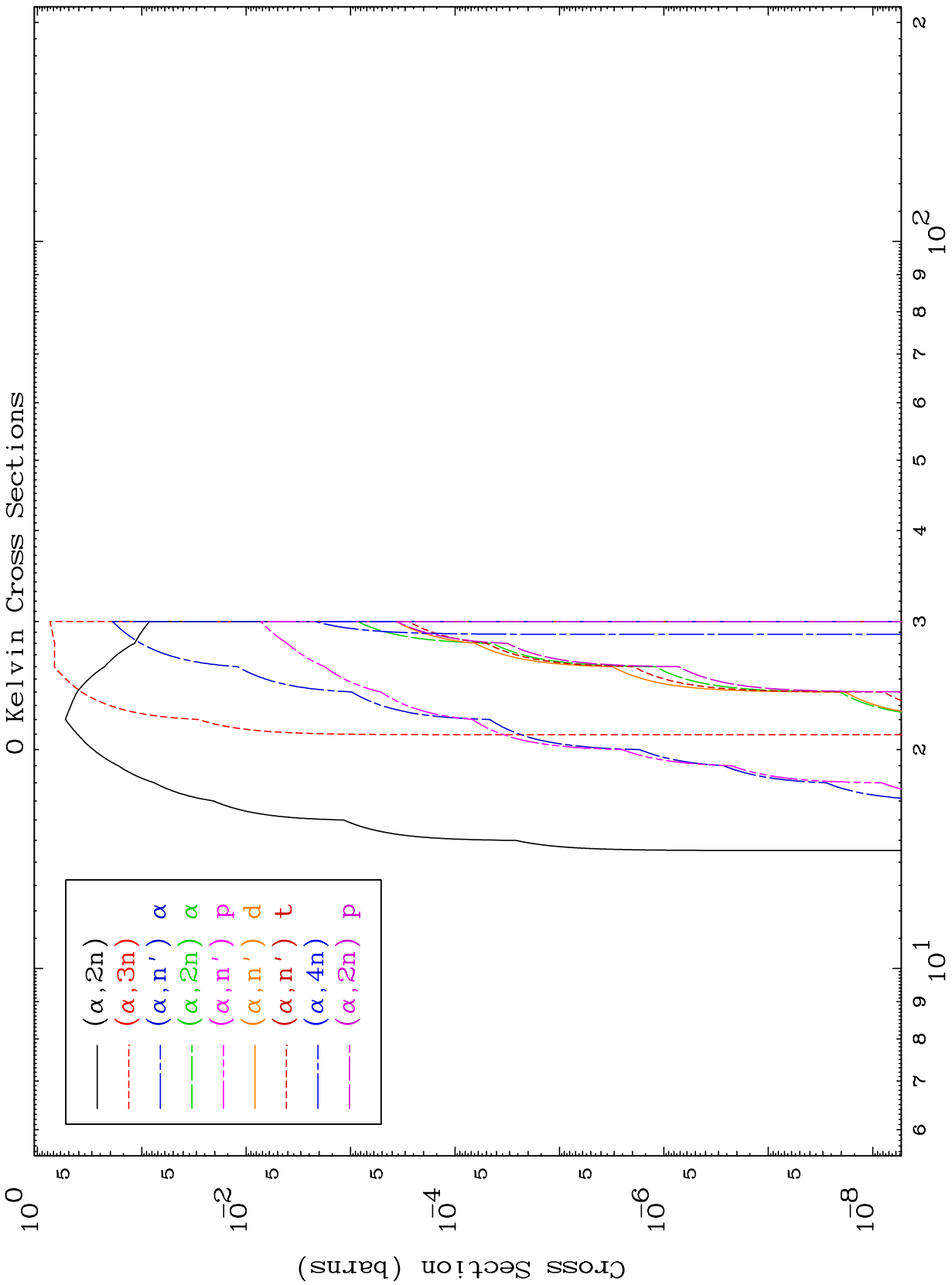
0 Kelvin Cross Sections



MAT 6940

α Neutron Production
0 Kelvin Cross Sections

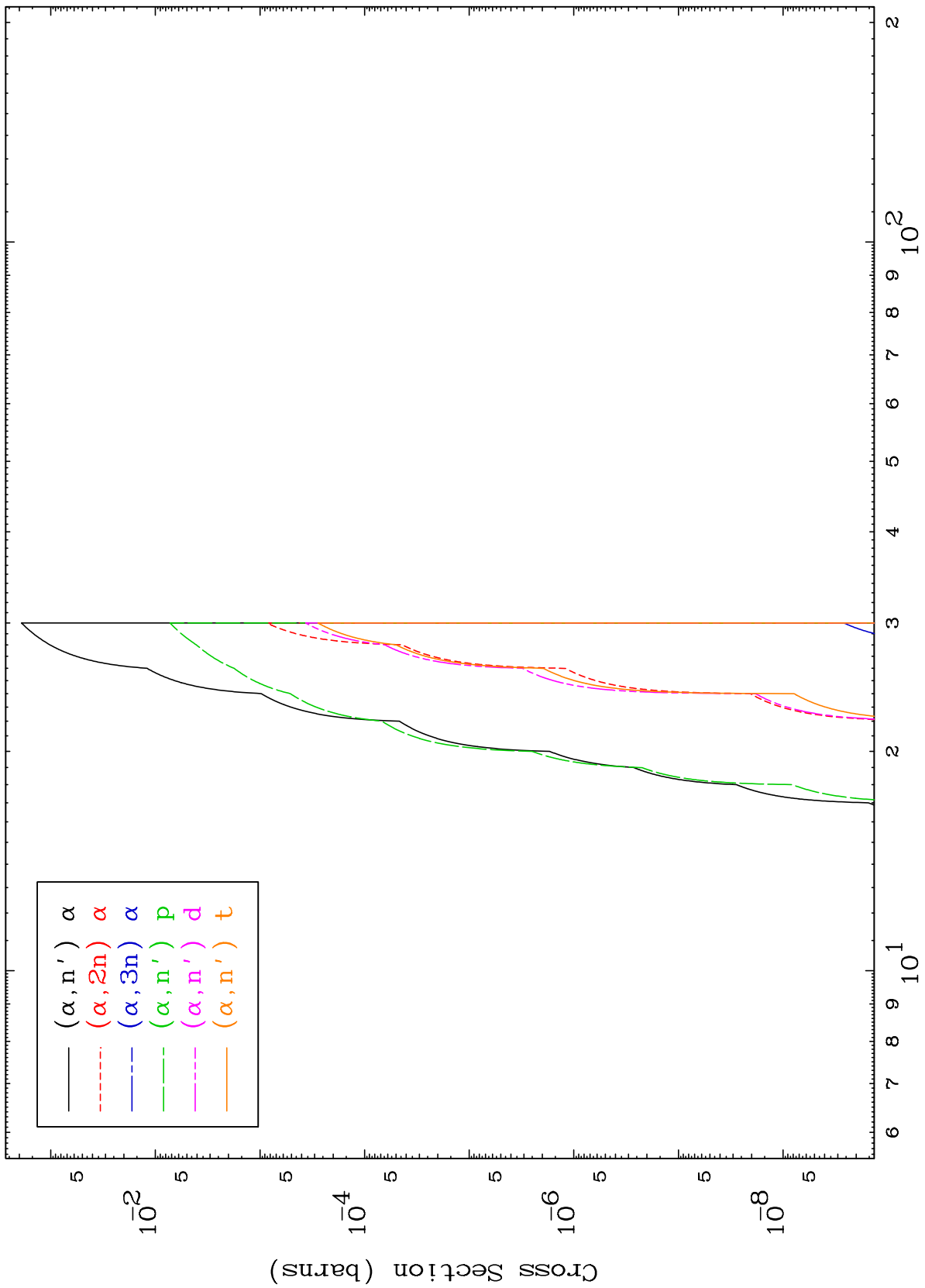
69-Tm-174

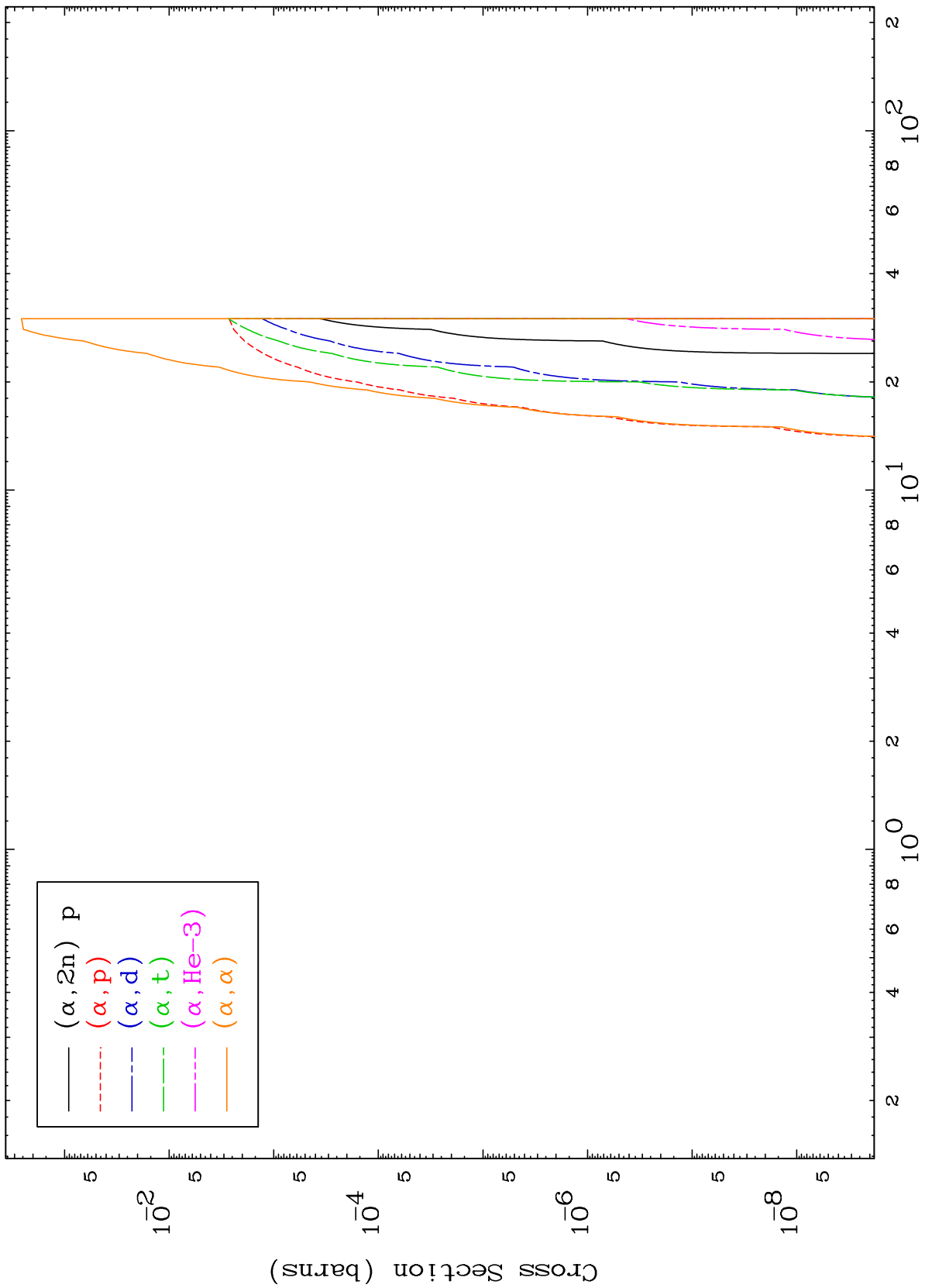


2

Incident Energy (MeV)

69-Tm-174



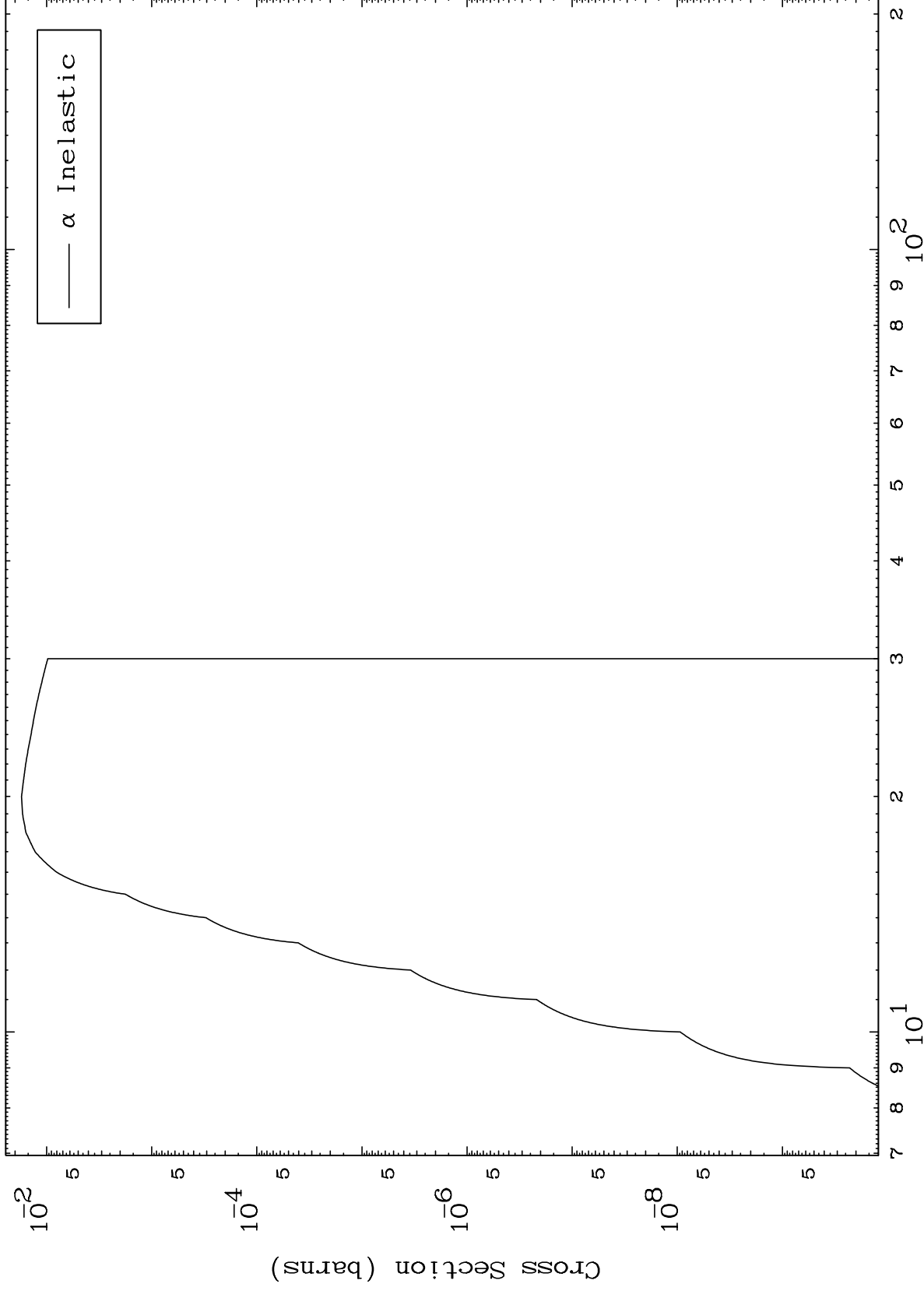


MAT 6940

(α, n') Level

69-Tm-174

0 Kelvin Cross Sections



5

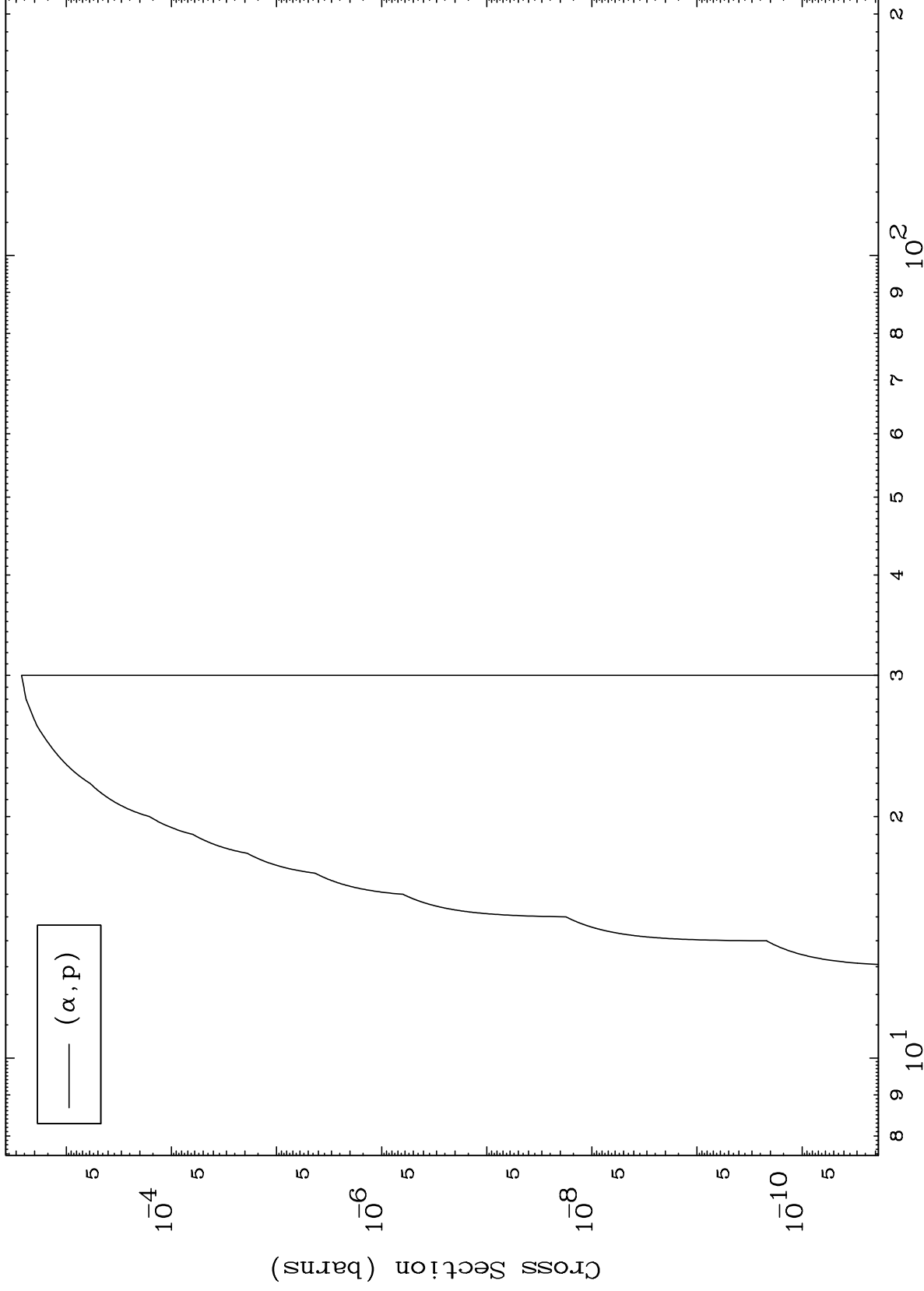
Incident Energy (MeV)

69-Tm-174

MAT 6940

(α, p) Levels
0 Kelvin Cross Sections

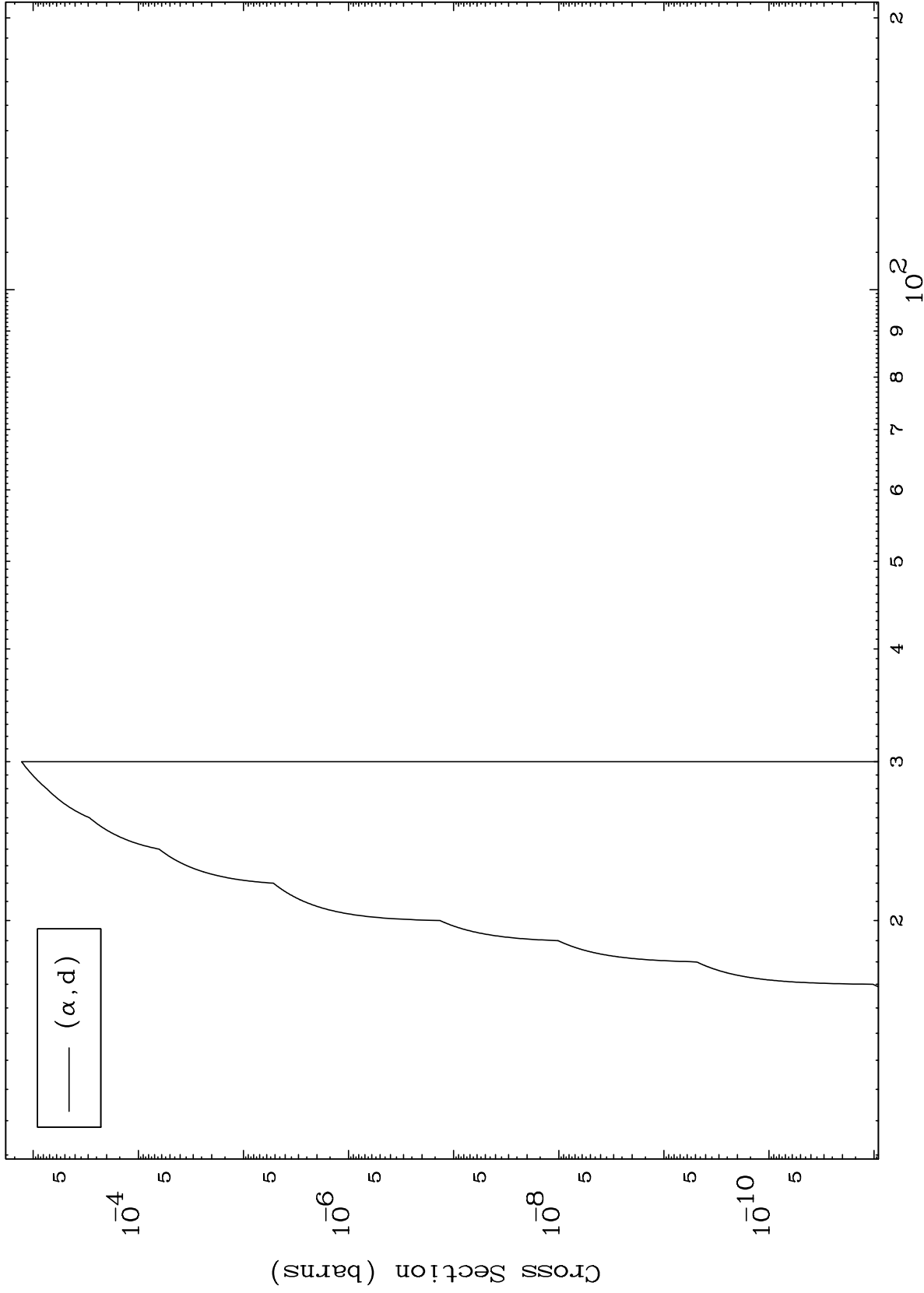
69-Tm-174

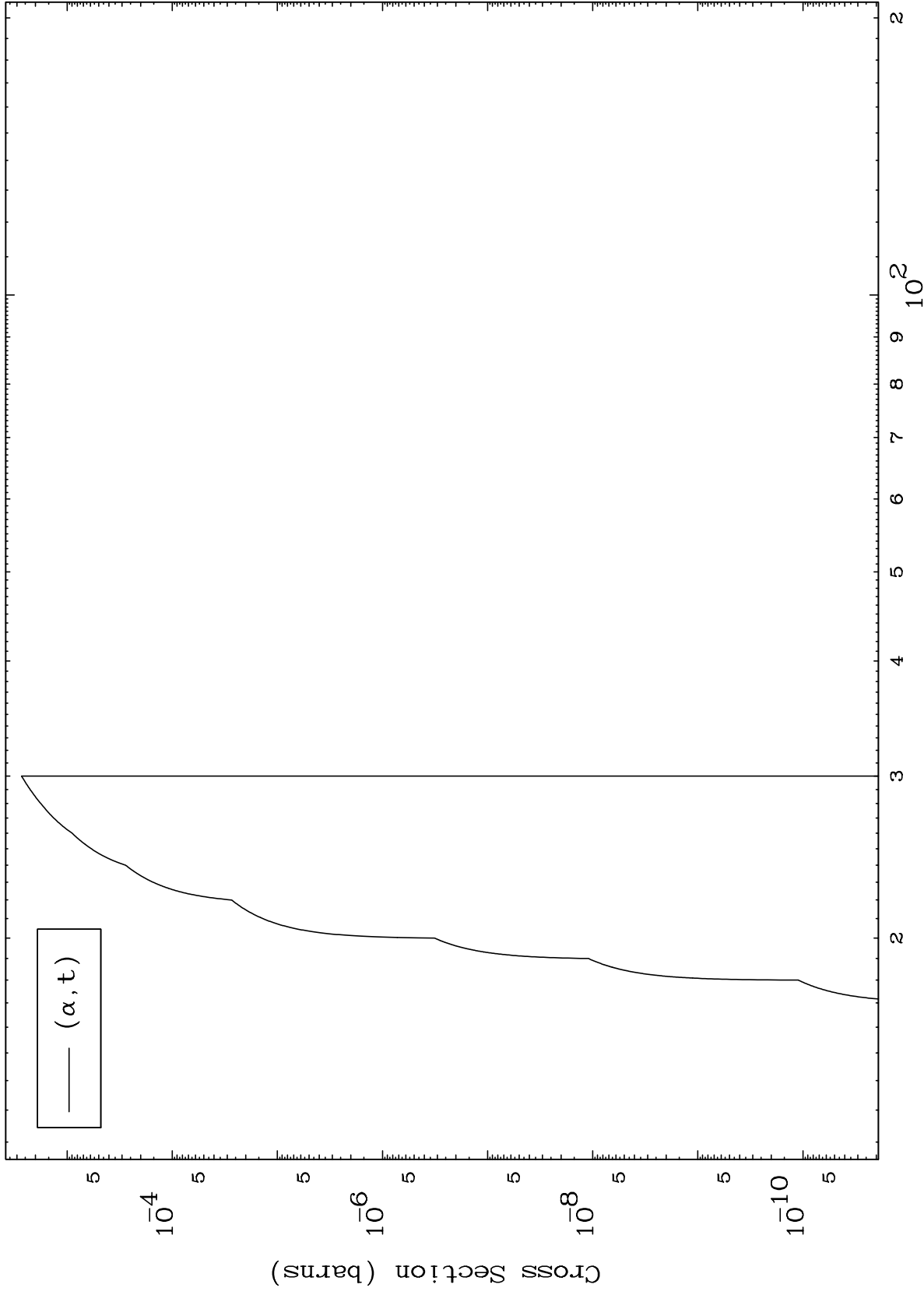


6

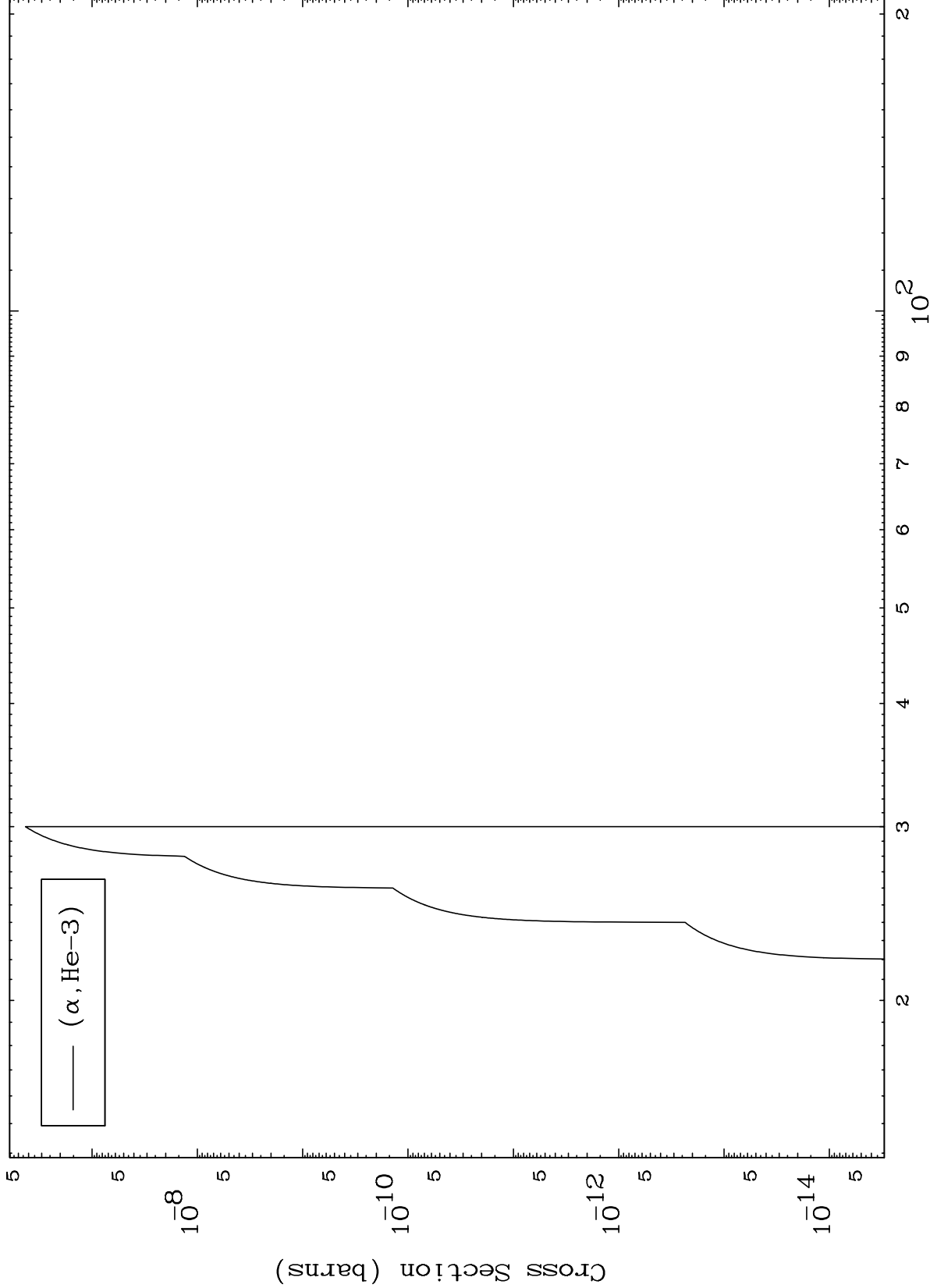
Incident Energy (MeV)

69-Tm-174





0 Kelvin Cross Sections

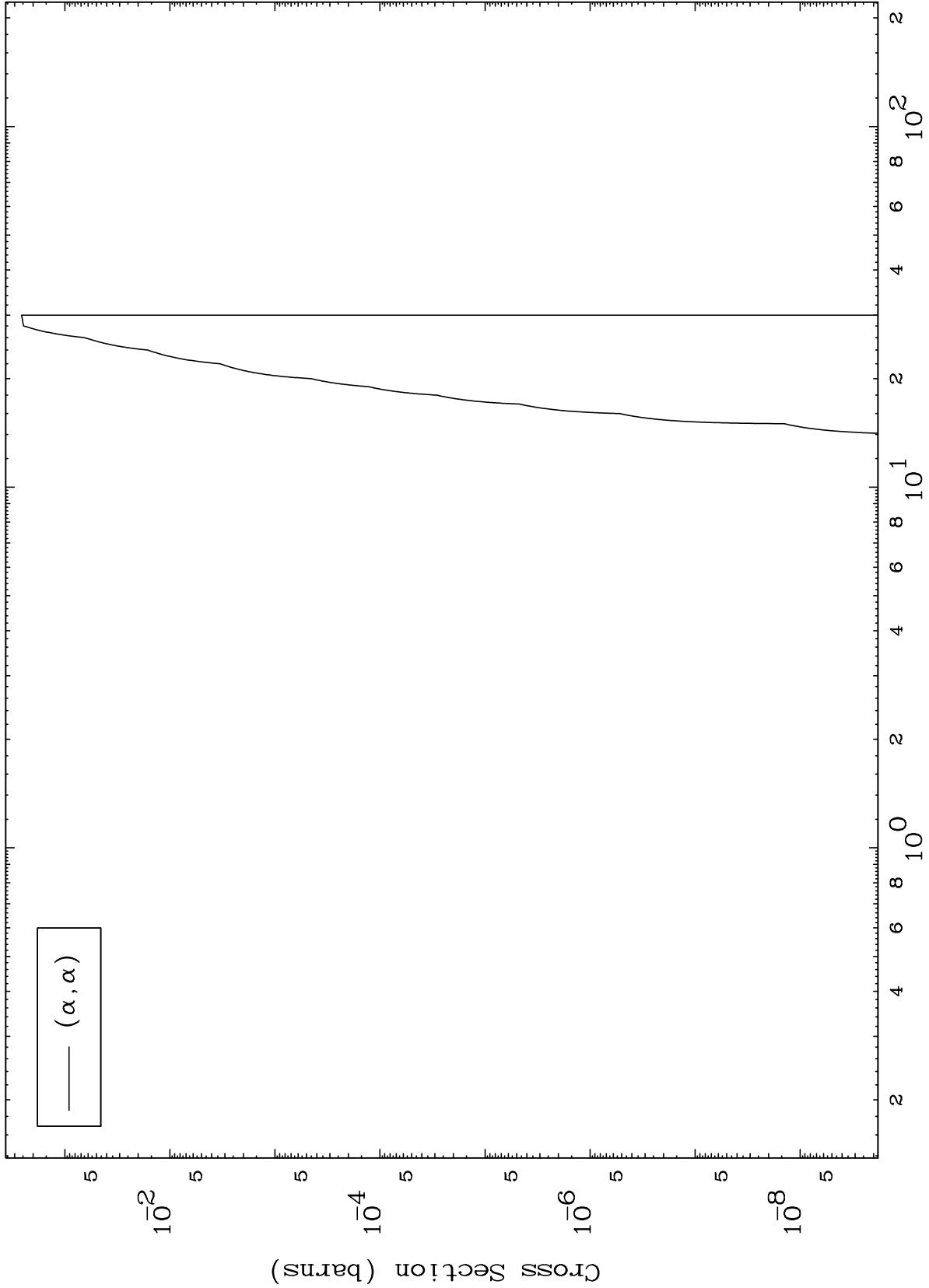


MAT 6940

(α, α) Levels

69-Tm-174

0 Kelvin Cross Sections



10

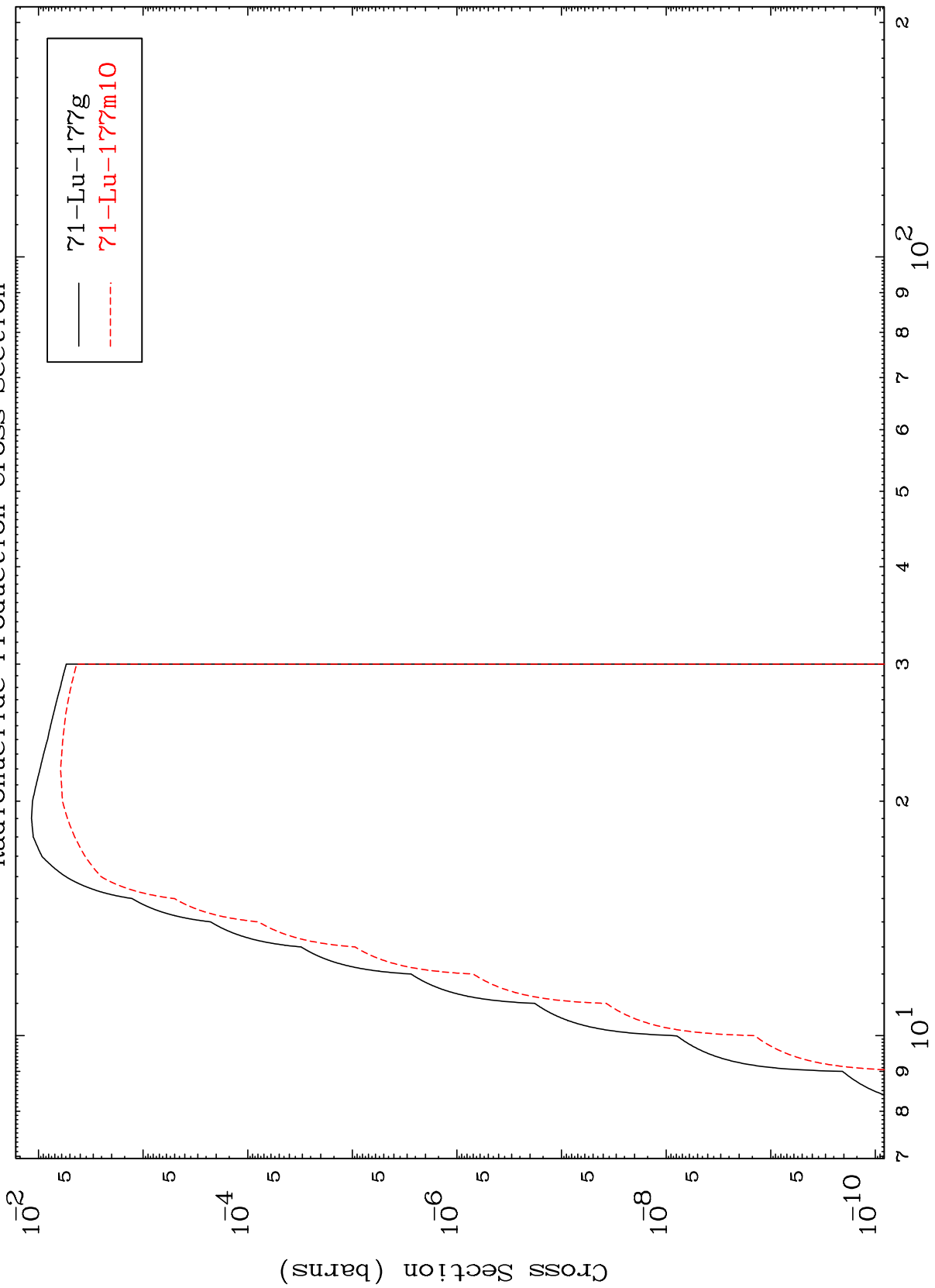
Incident Energy (MeV)

69-Tm-174

MAT 6940

69-Tm-174

Radionuclide α Inelastic Production Cross Section



69-Tm-174

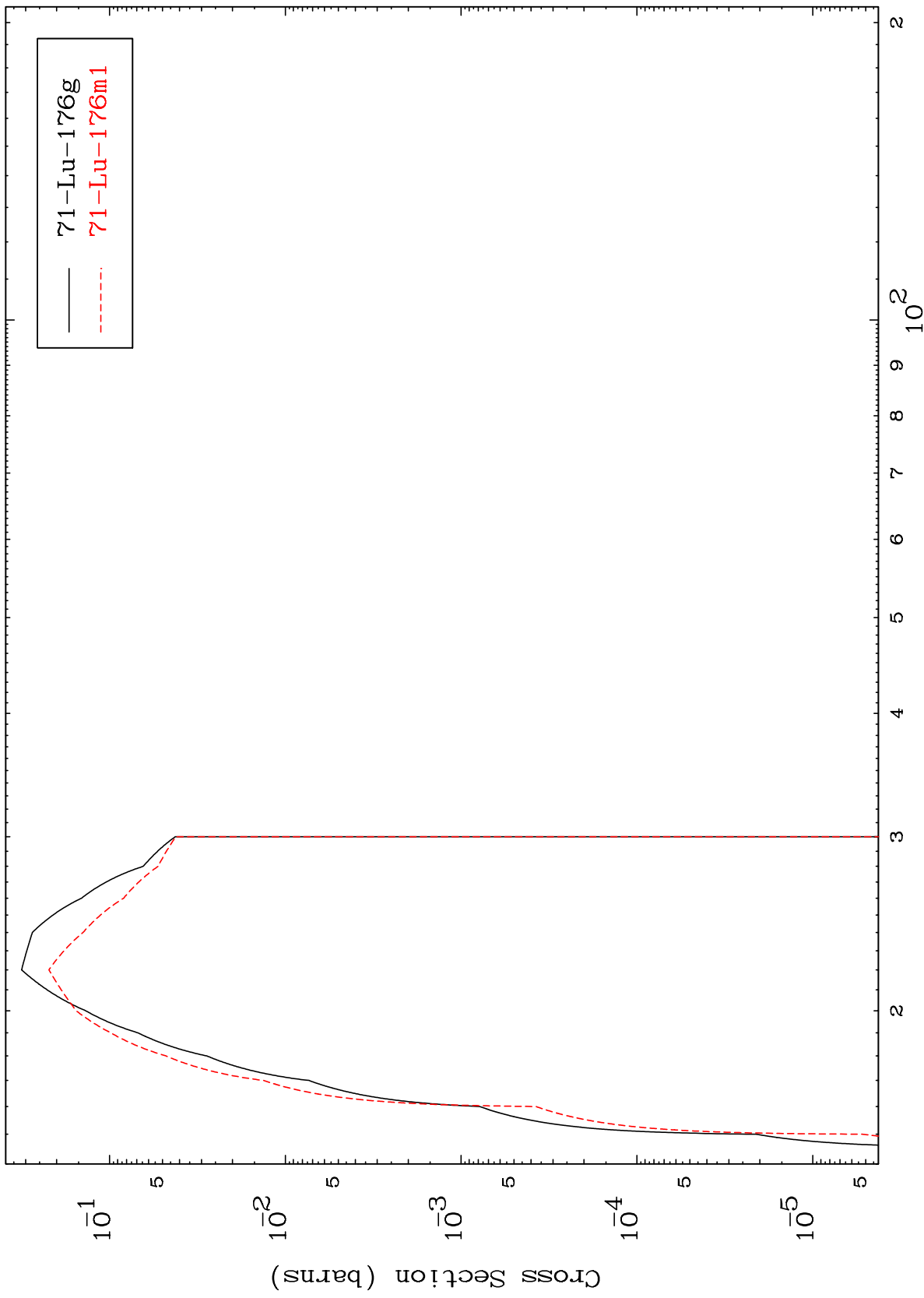
Incident Energy (MeV)

11

MAT 6940

69-Tm-174

($\alpha, 2n$)
Radionuclide Production Cross Section

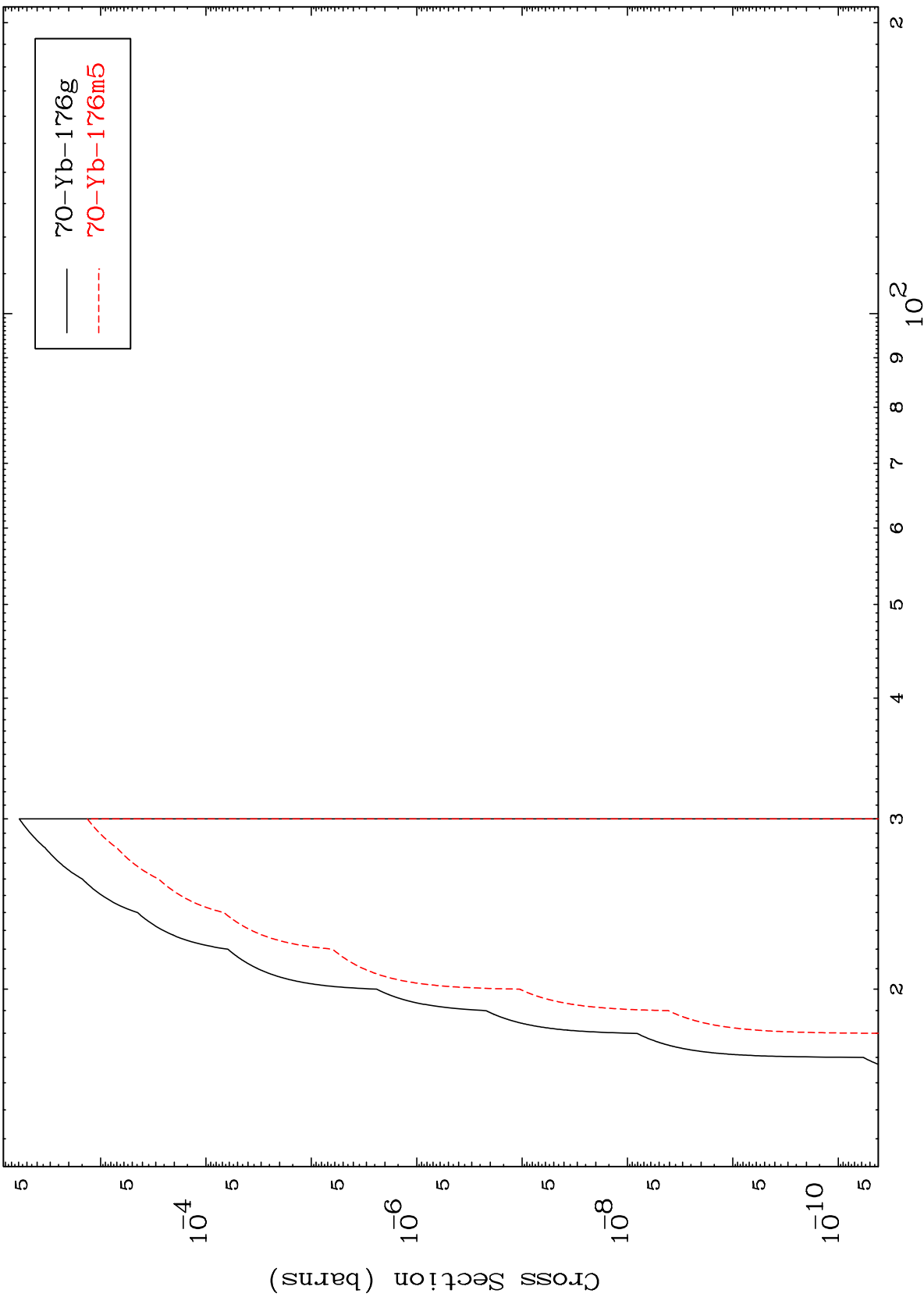


12

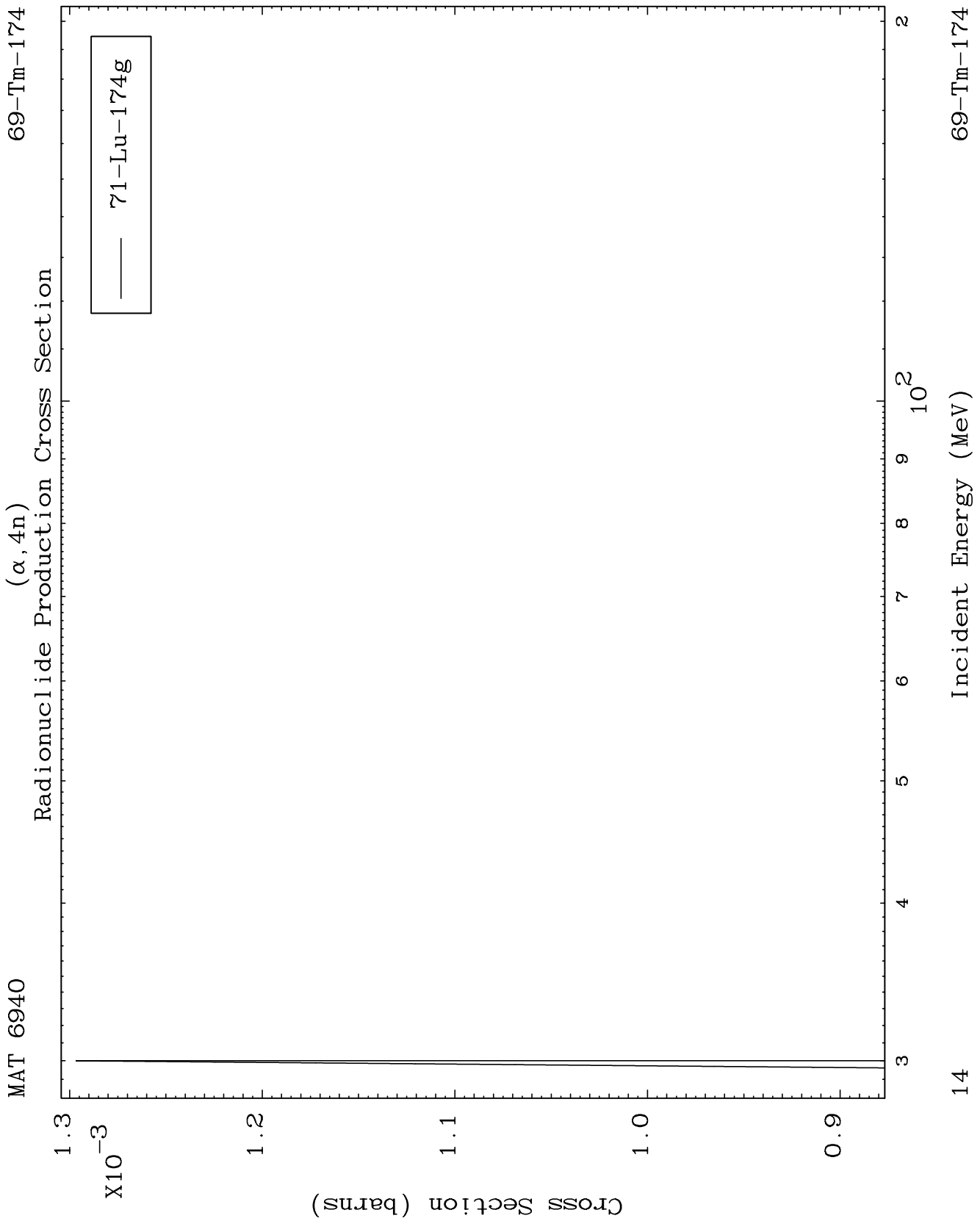
Incident Energy (MeV)

69-Tm-174

Radionuclide Production Cross Section



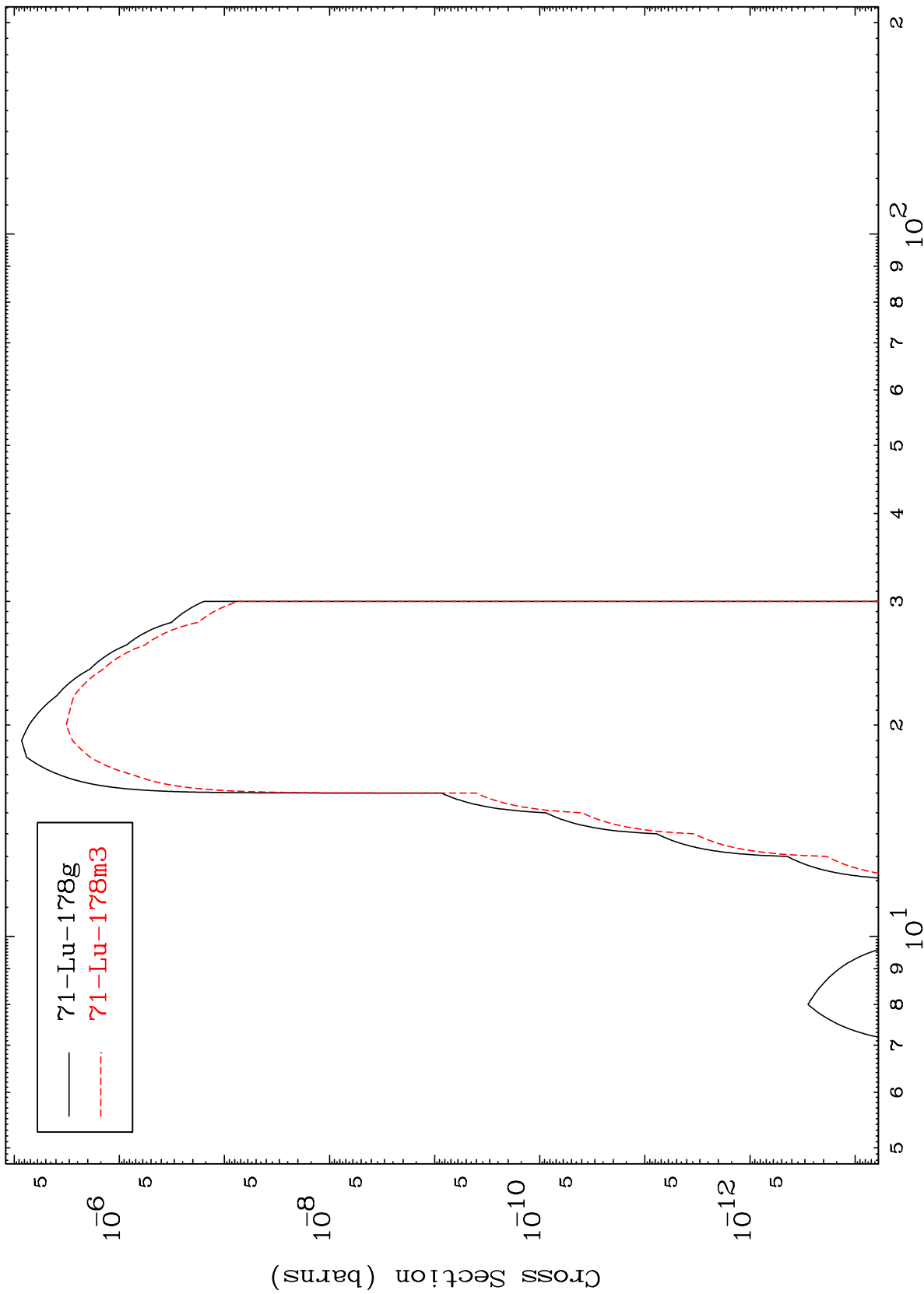
70-Yb-176g
70-Yb-176m5



MAT 6940

69-Tm-174

(α, γ)
Radionuclide Production Cross Section



69-Tm-174

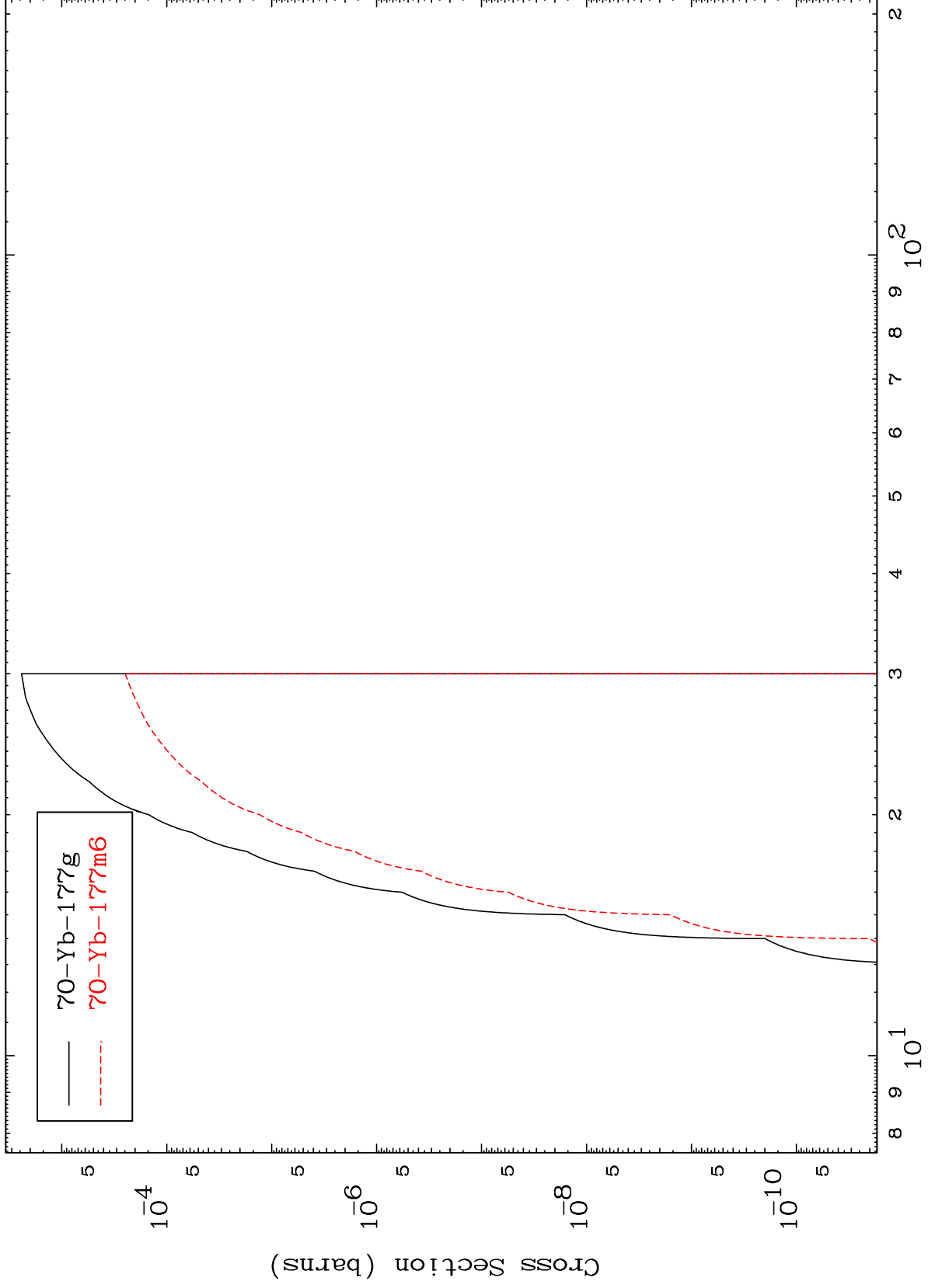
Incident Energy (MeV)

15

MAT 6940

69-Tm-174

(α, p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

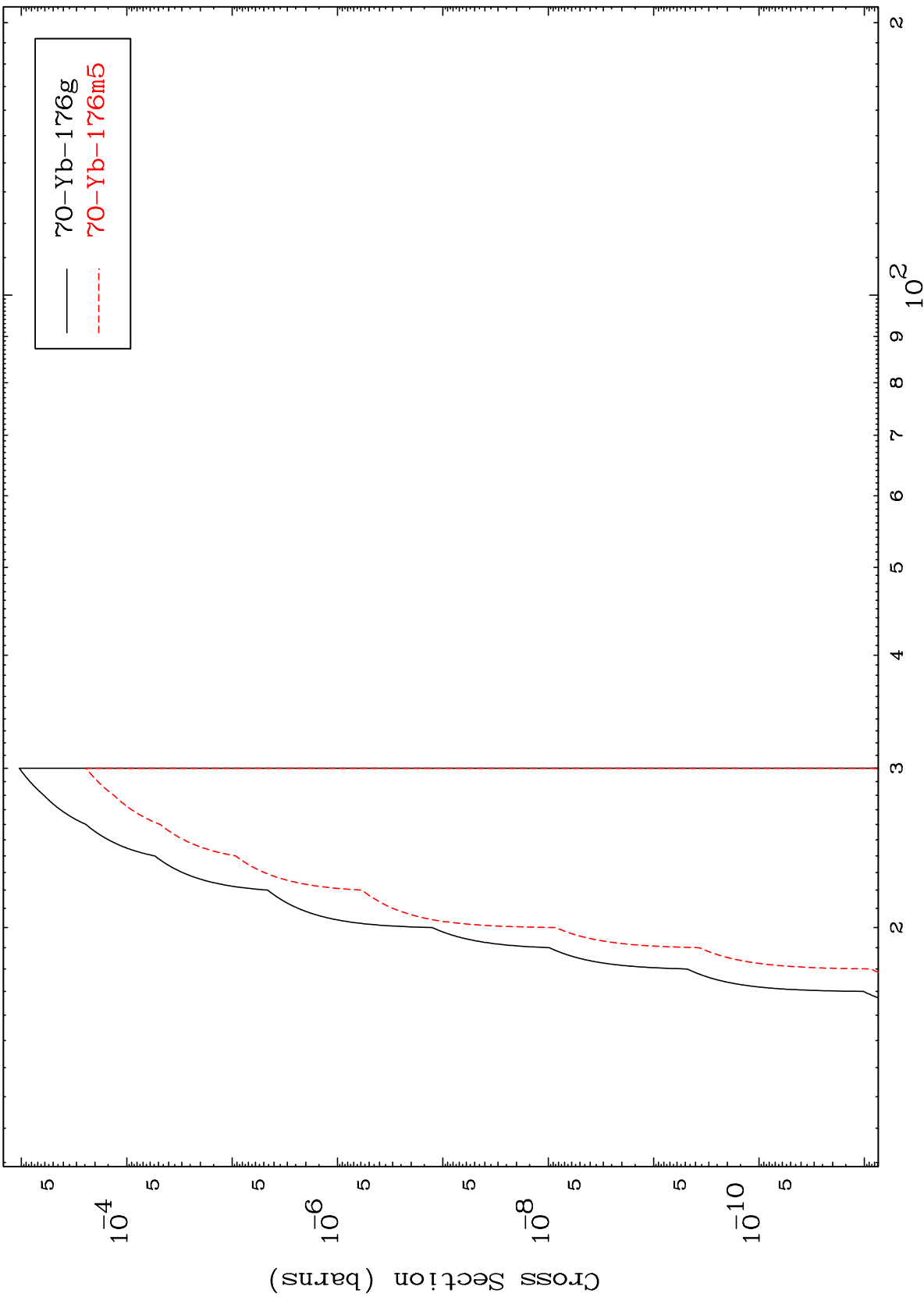
69-Tm-174

MAT 6940

(α, d)

69-Tm-174

Radionuclide Production Cross Section



17

Incident Energy (MeV)

69-Tm-174