

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

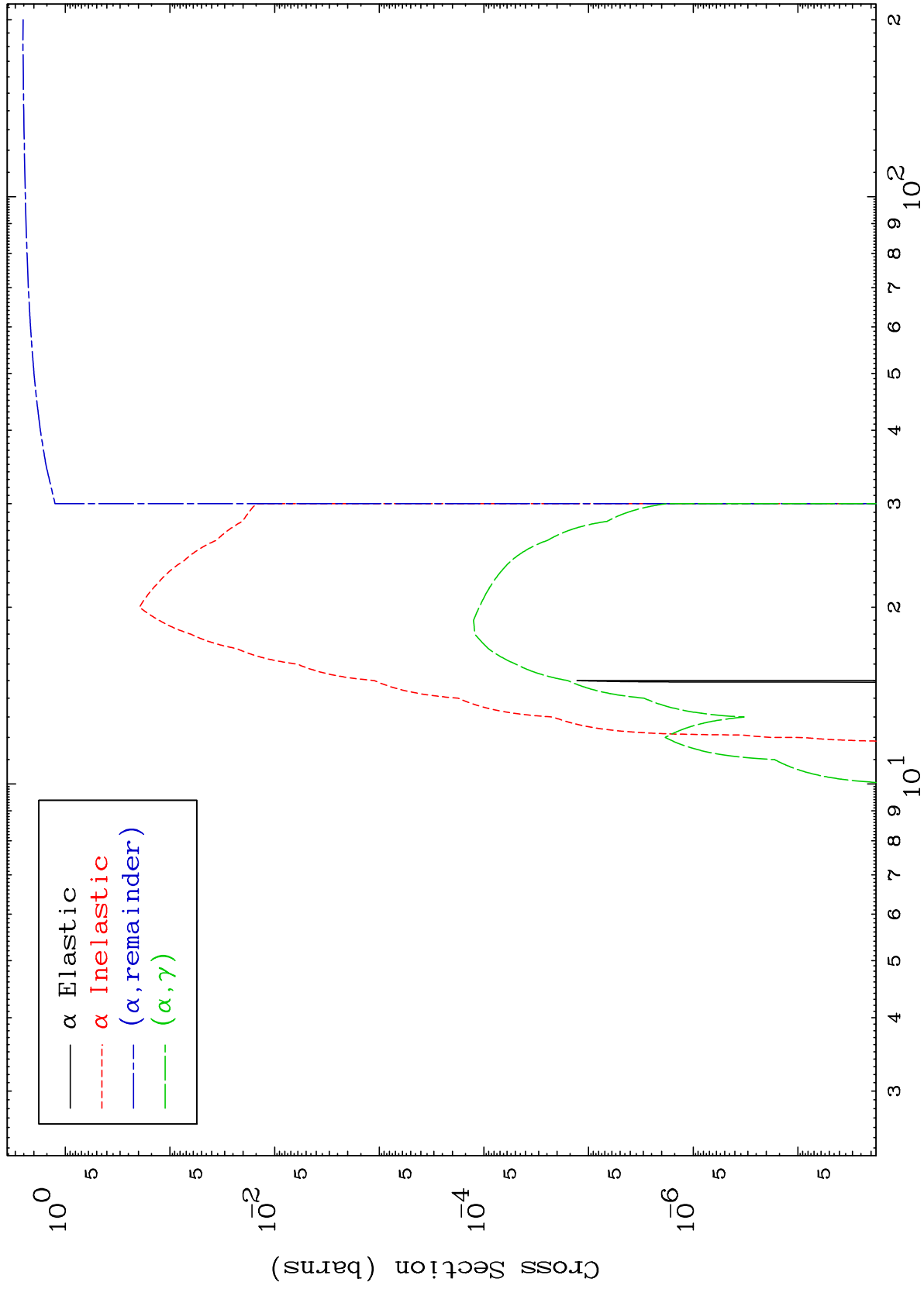
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6913

0 Kelvin α Major
Cross Sections

69-Tm-165



1

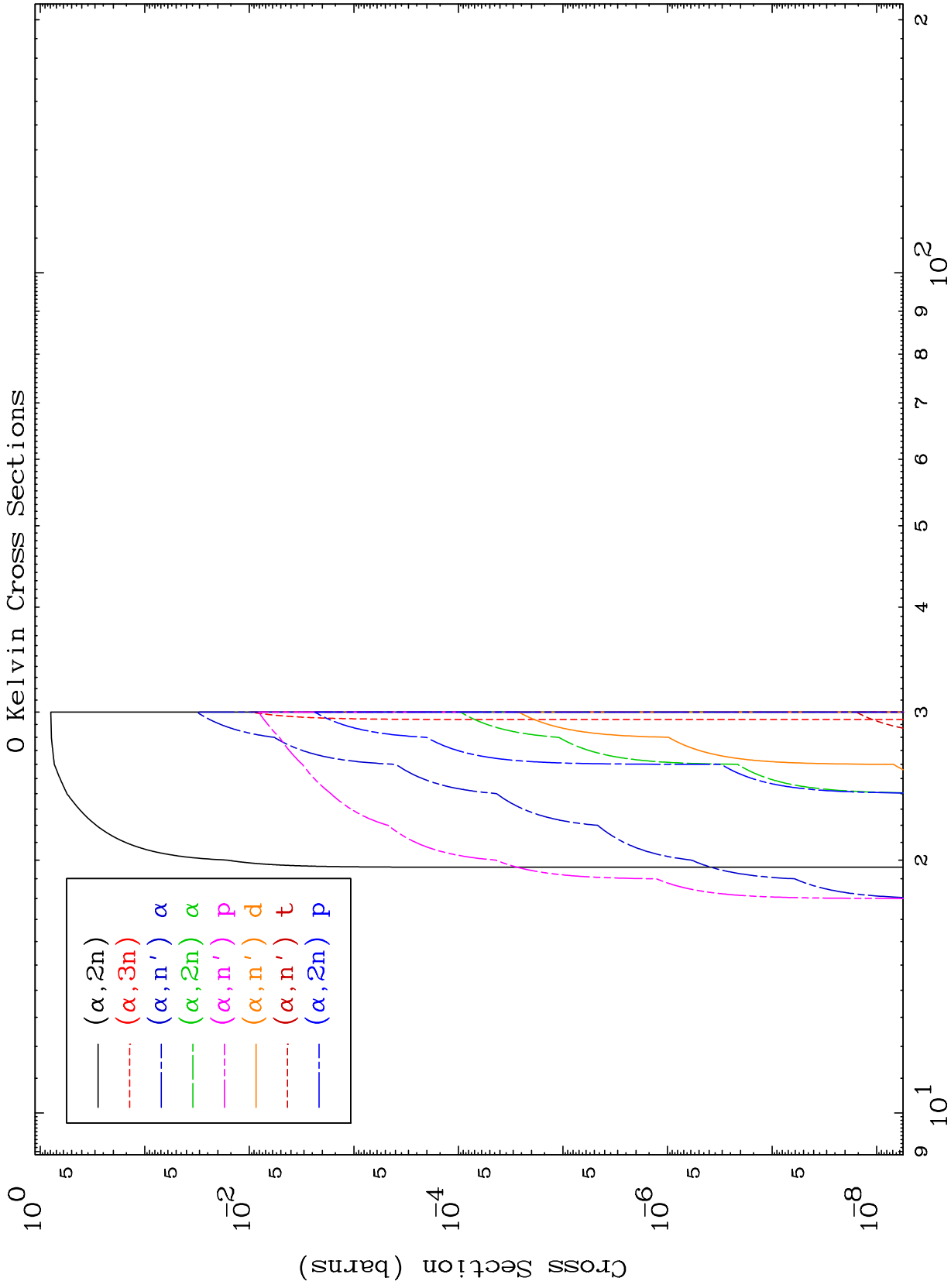
Incident Energy (MeV)

69-Tm-165

MAT 6913

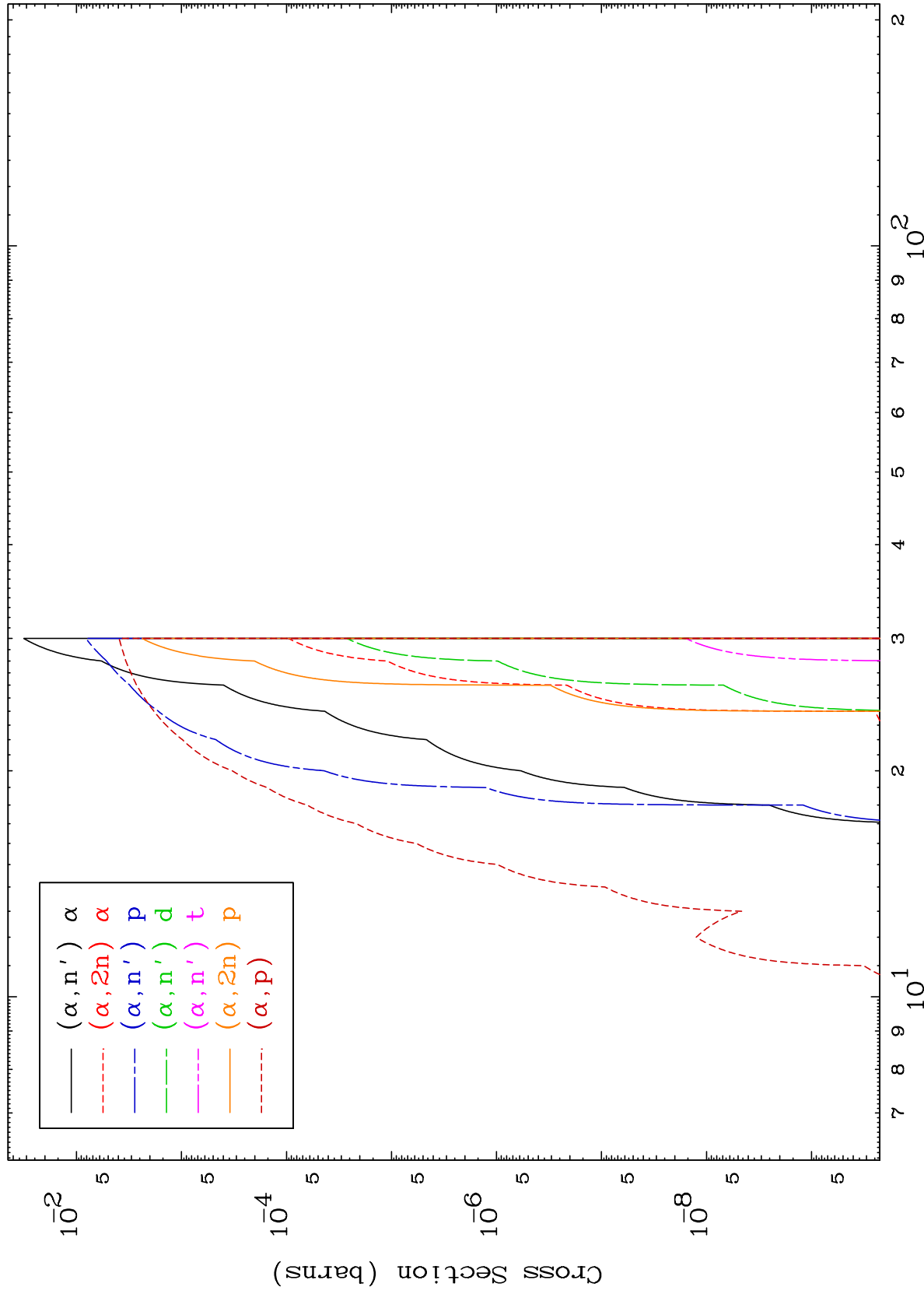
α Neutron Production
0 Kelvin Cross Sections

69-Tm-165



Incident Energy (MeV)

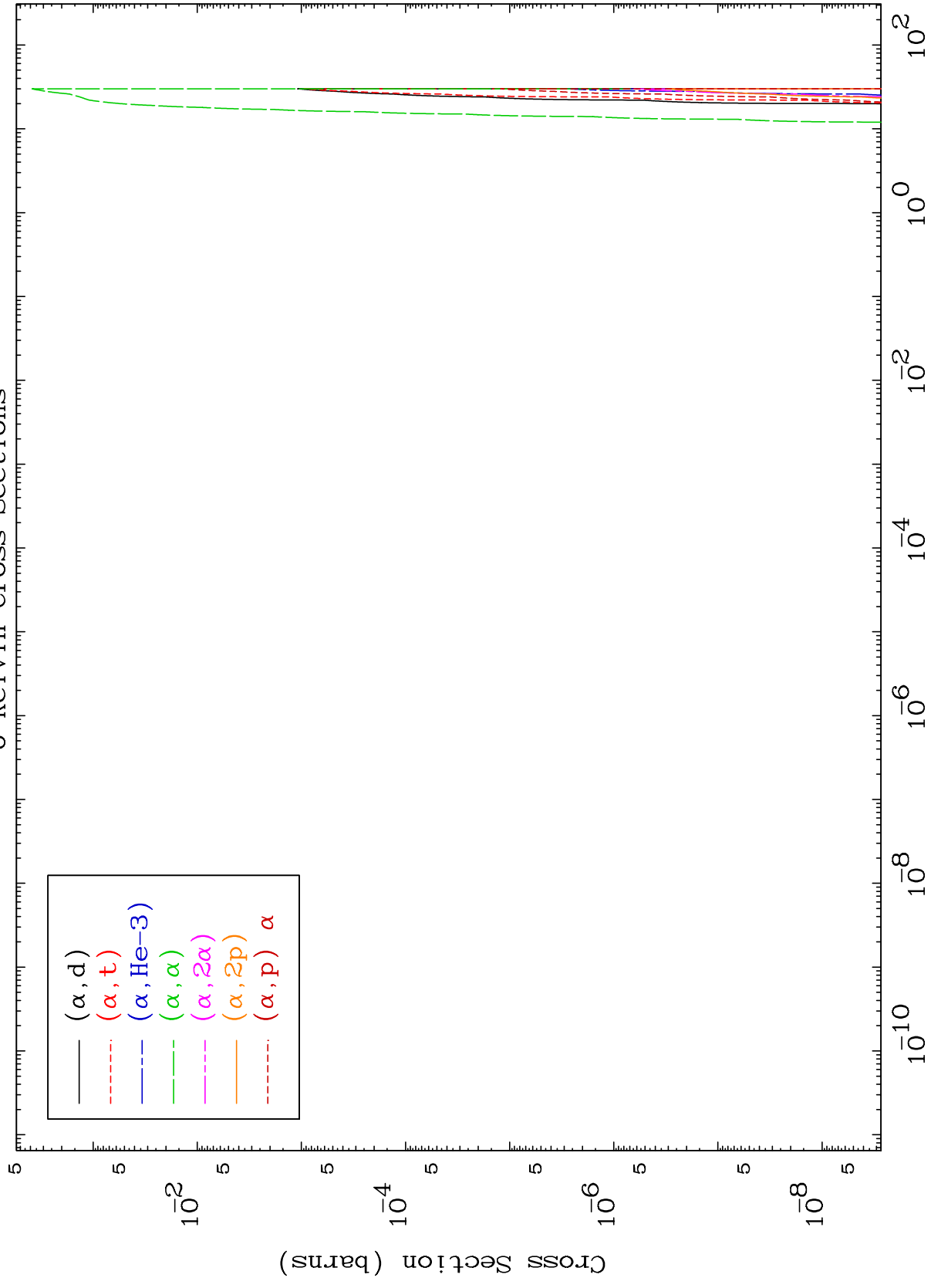
69-Tm-165



MAT 6913

α Charged Particle
0 Kelvin Cross Sections

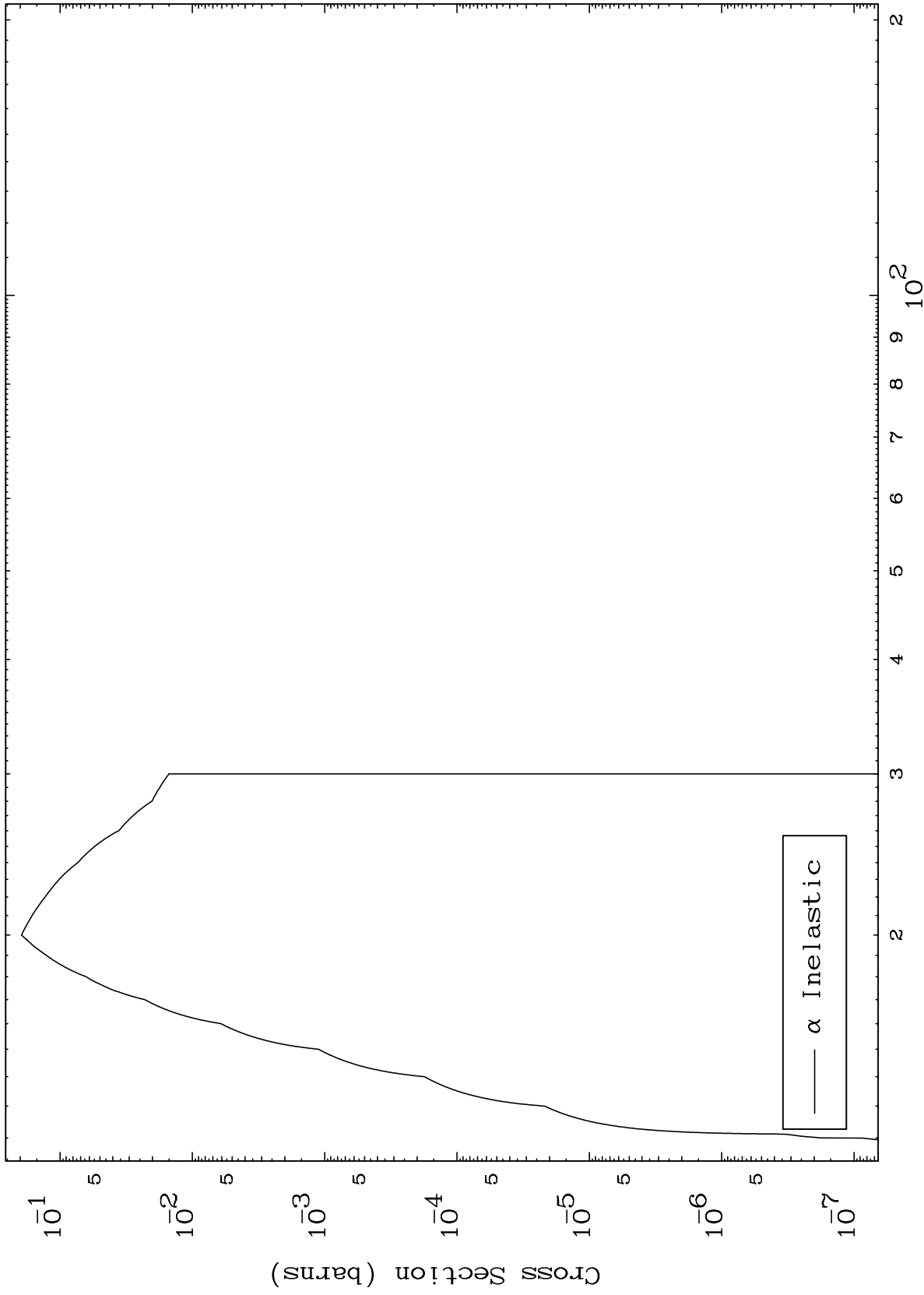
69-Tm-165



MAT 6913

(α, n') Level
0 Kelvin Cross Sections

69-Tm-165



5

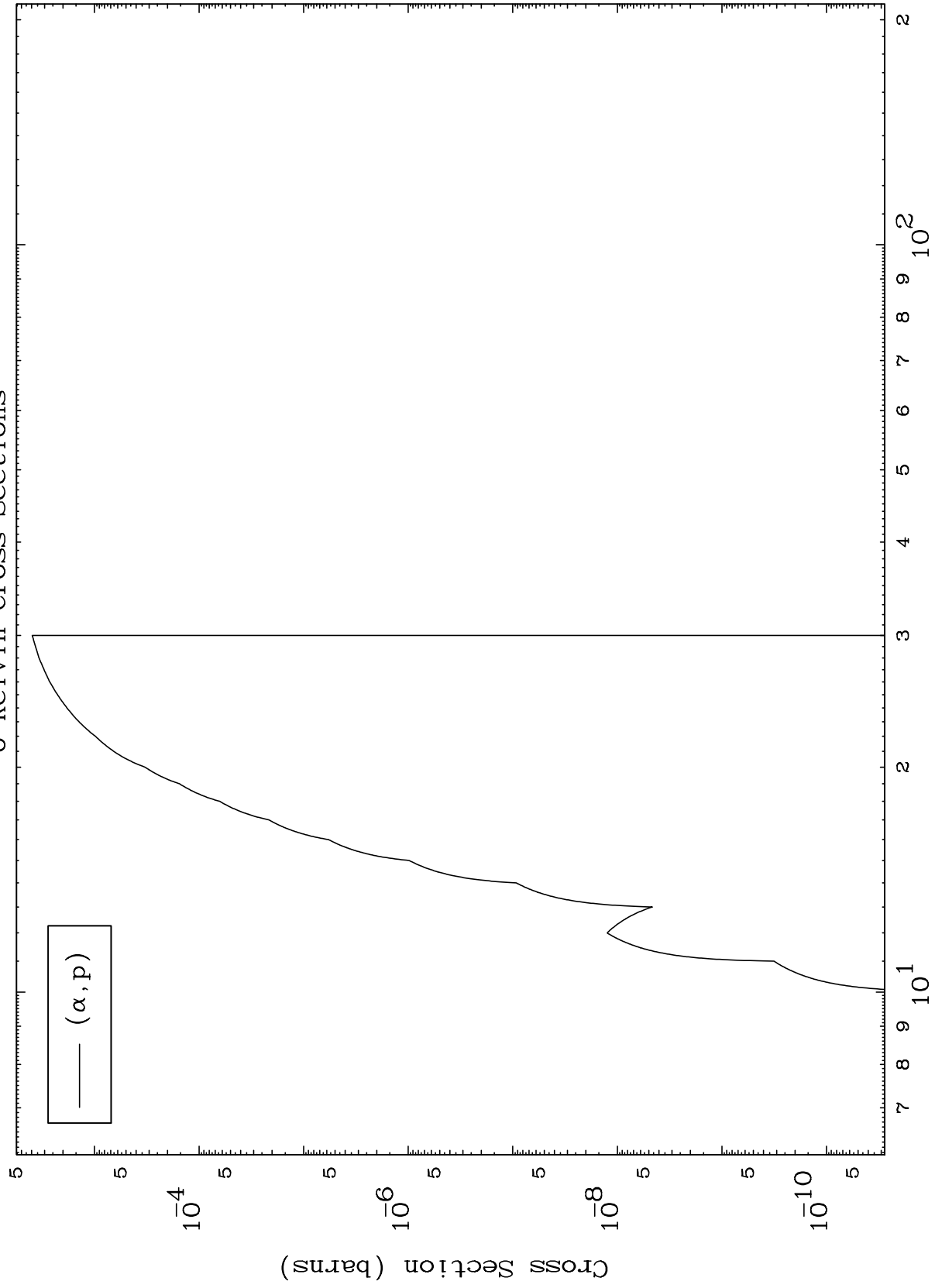
Incident Energy (MeV)

69-Tm-165

MAT 6913

(α, p) Levels
0 Kelvin Cross Sections

69-Tm-165



6

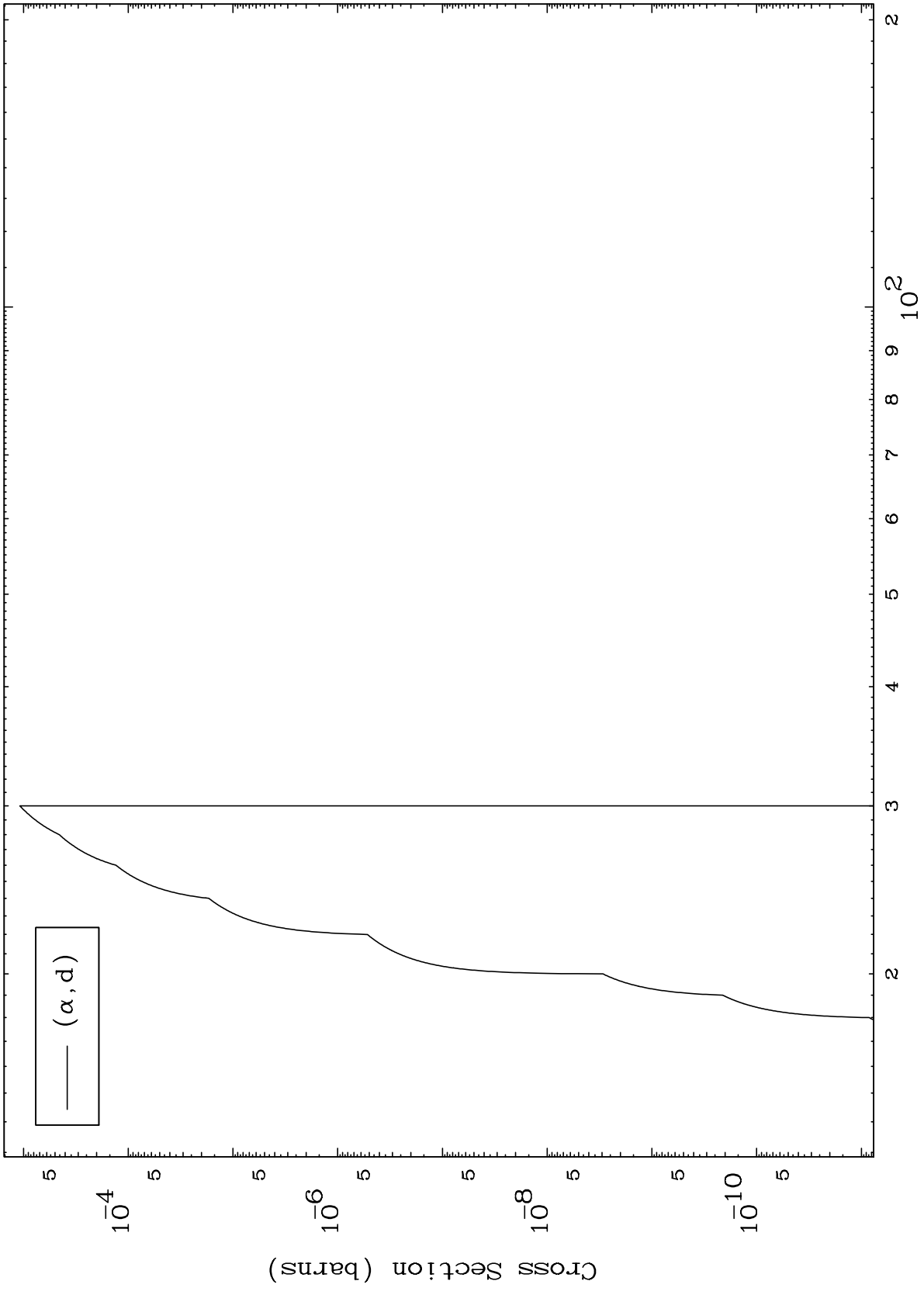
Incident Energy (MeV)

69-Tm-165

MAT 6913

(α, d) Levels
0 Kelvin Cross Sections

69-Tm-165



7

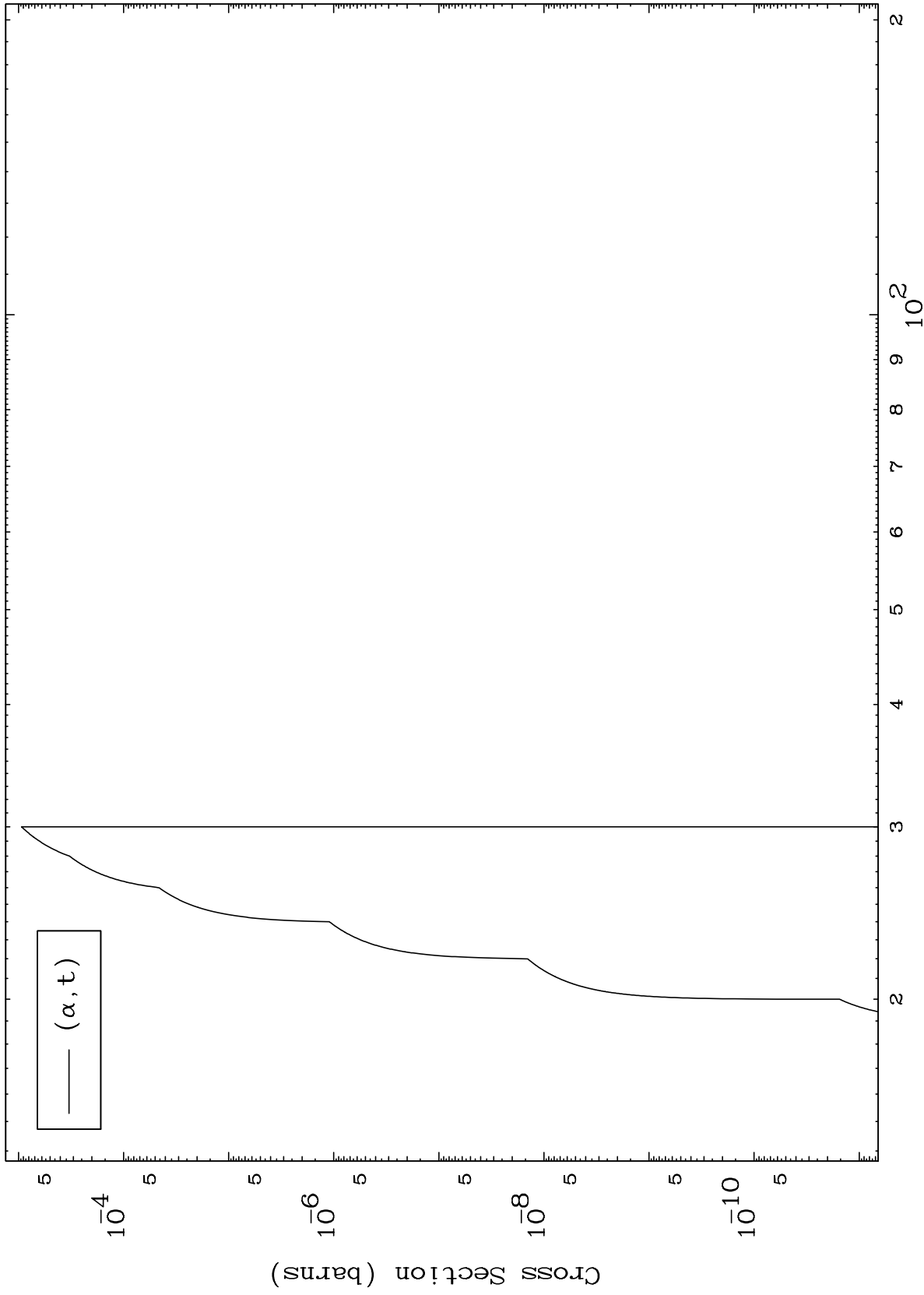
Incident Energy (MeV)

69-Tm-165

MAT 6913

(α, t) Levels
0 Kelvin Cross Sections

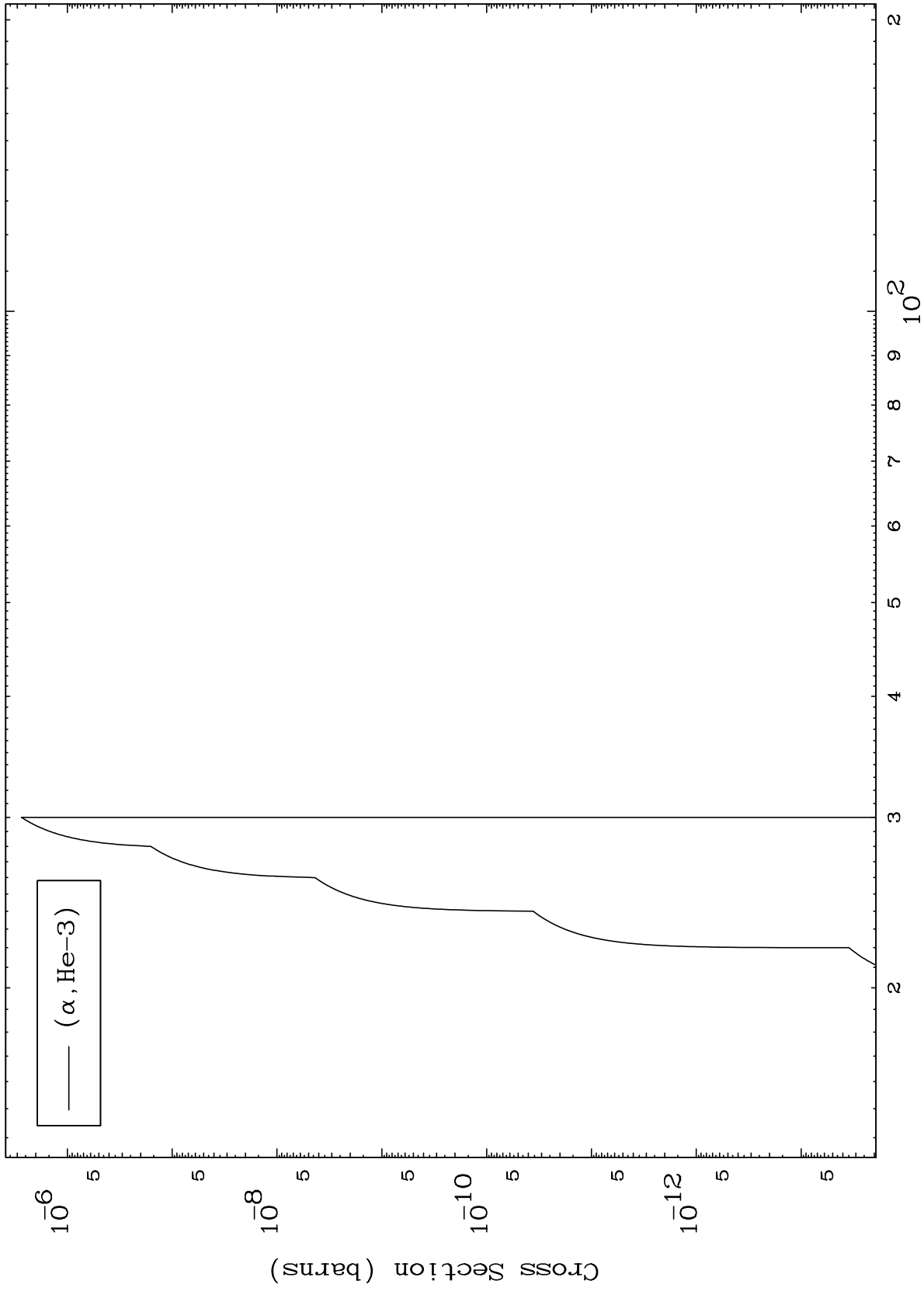
69-Tm-165



8

Incident Energy (MeV)

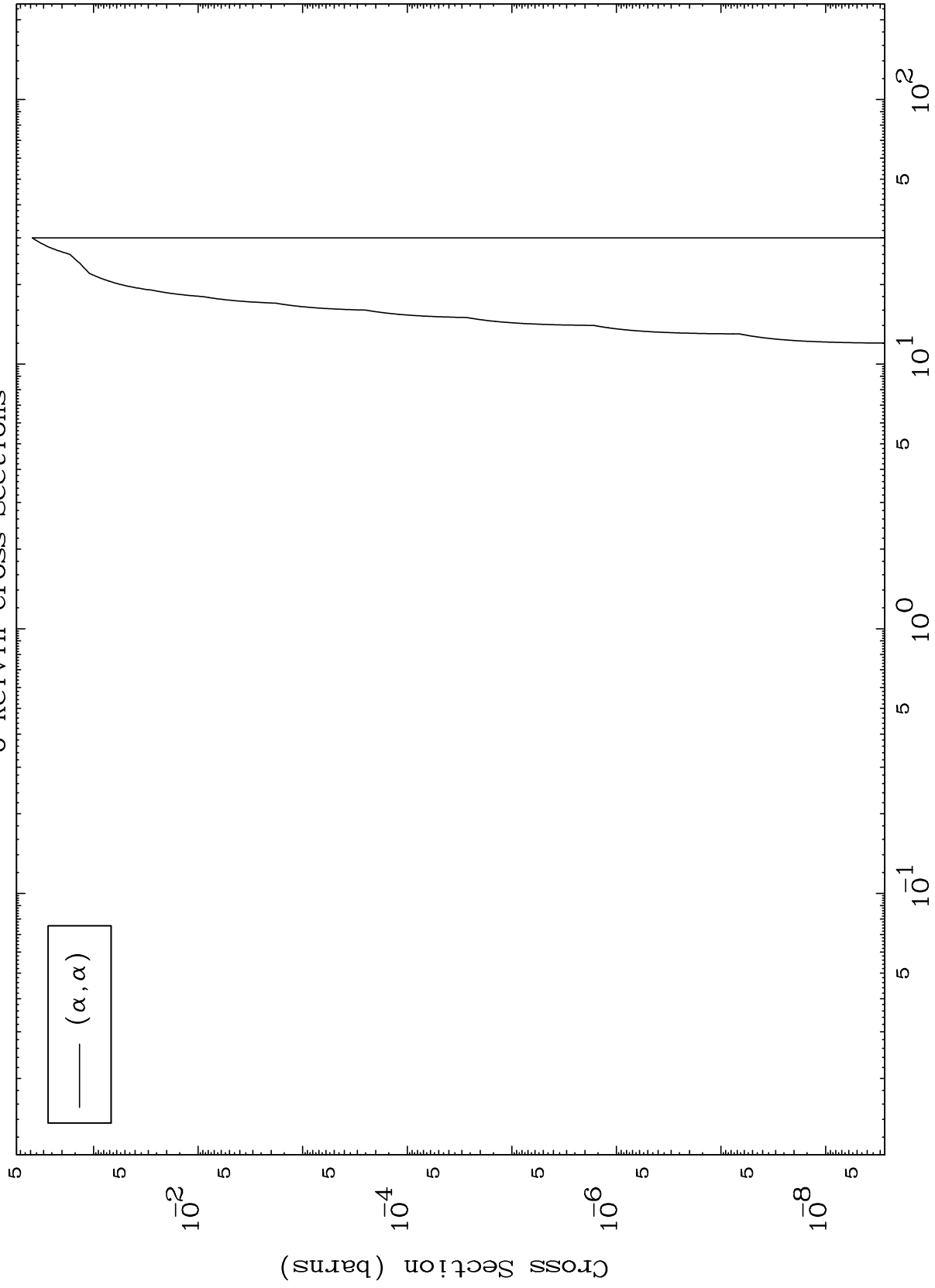
69-Tm-165



MAT 6913

(α, α) Levels
0 Kelvin Cross Sections

69-Tm-165



10

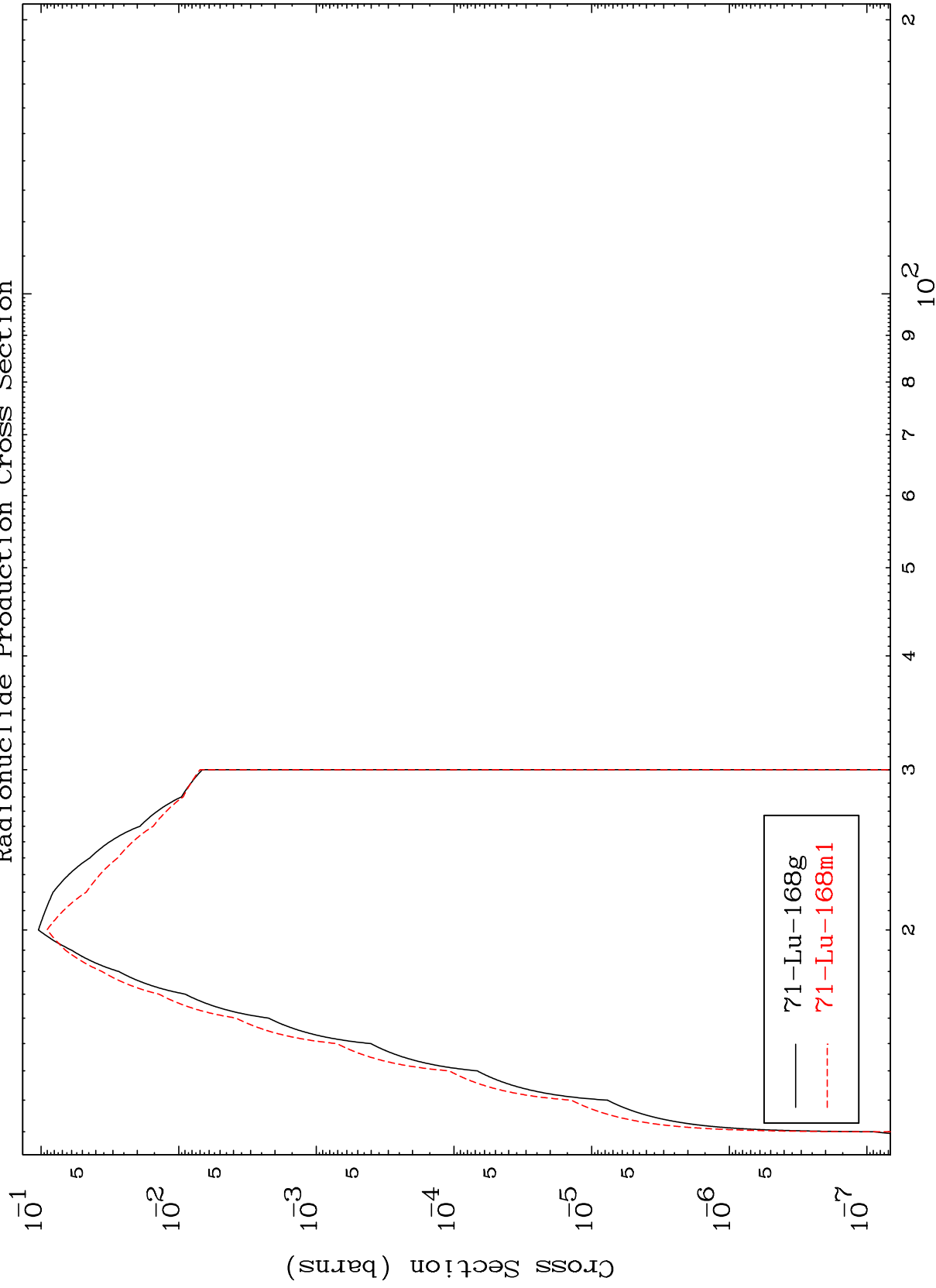
Incident Energy (MeV)

69-Tm-165

MAT 6913

69-Tm-165

Radionuclide Production Cross Section
 α Inelastic



11

Incident Energy (MeV)

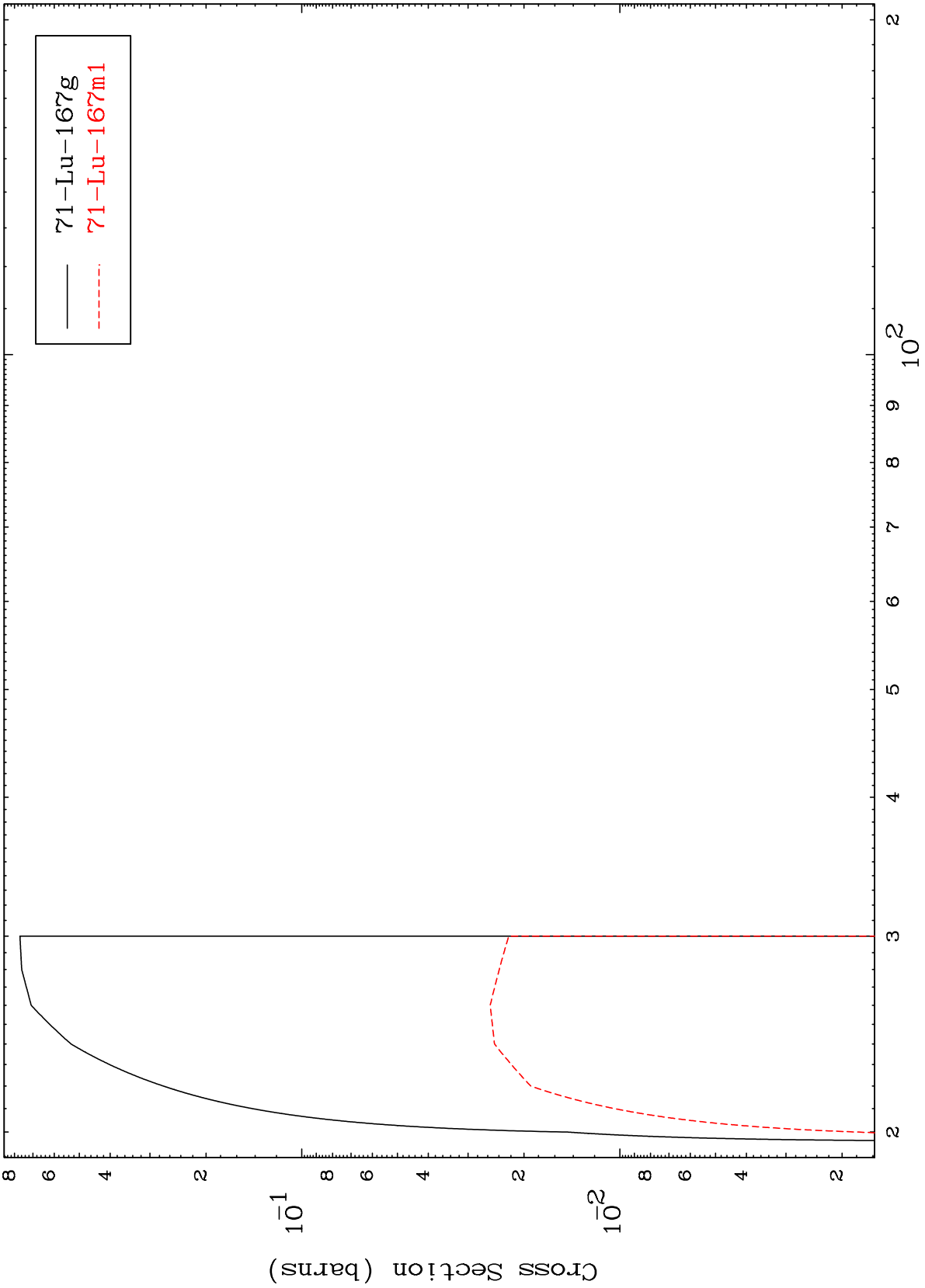
69-Tm-165

MAT 6913

($\alpha, 2n$)

69-Tm-165

Radionuclide Production Cross Section



12

Incident Energy (MeV)

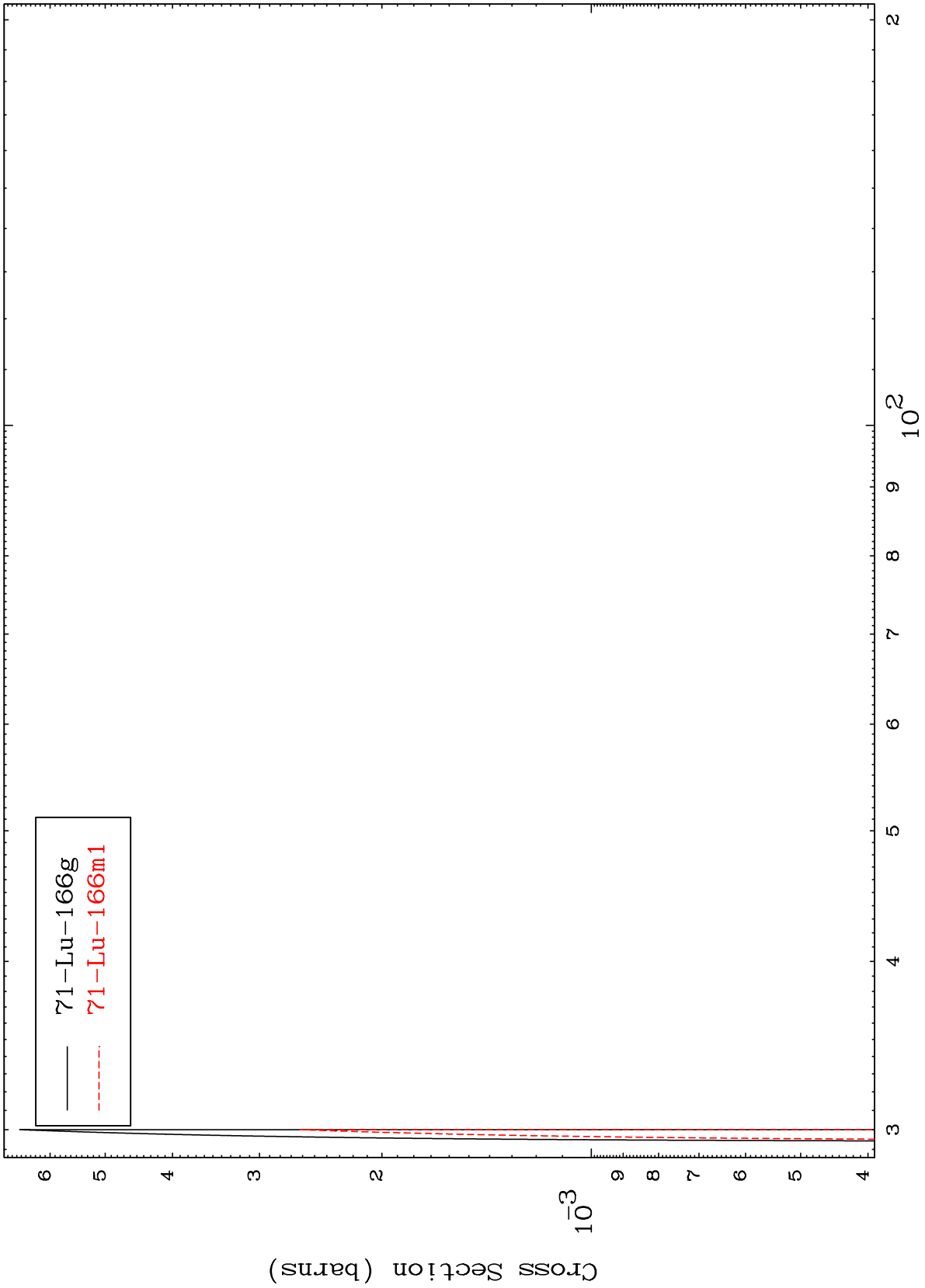
69-Tm-165

MAT 6913

($\alpha, 3n$)

69-Tm-165

Radionuclide Production Cross Section



13

Incident Energy (MeV)

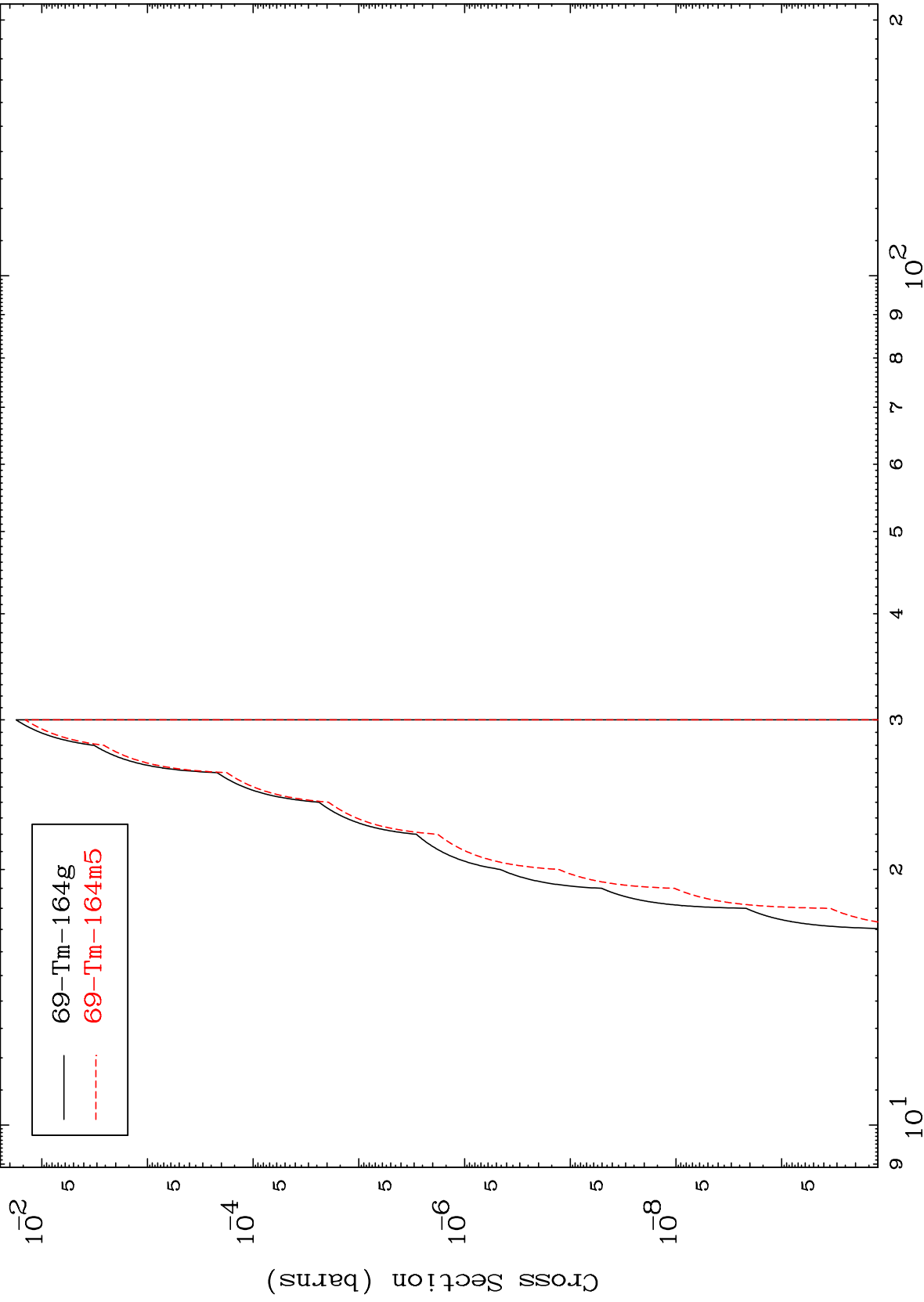
69-Tm-165

MAT 6913

(α, n') α

69-Tm-165

Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5

14

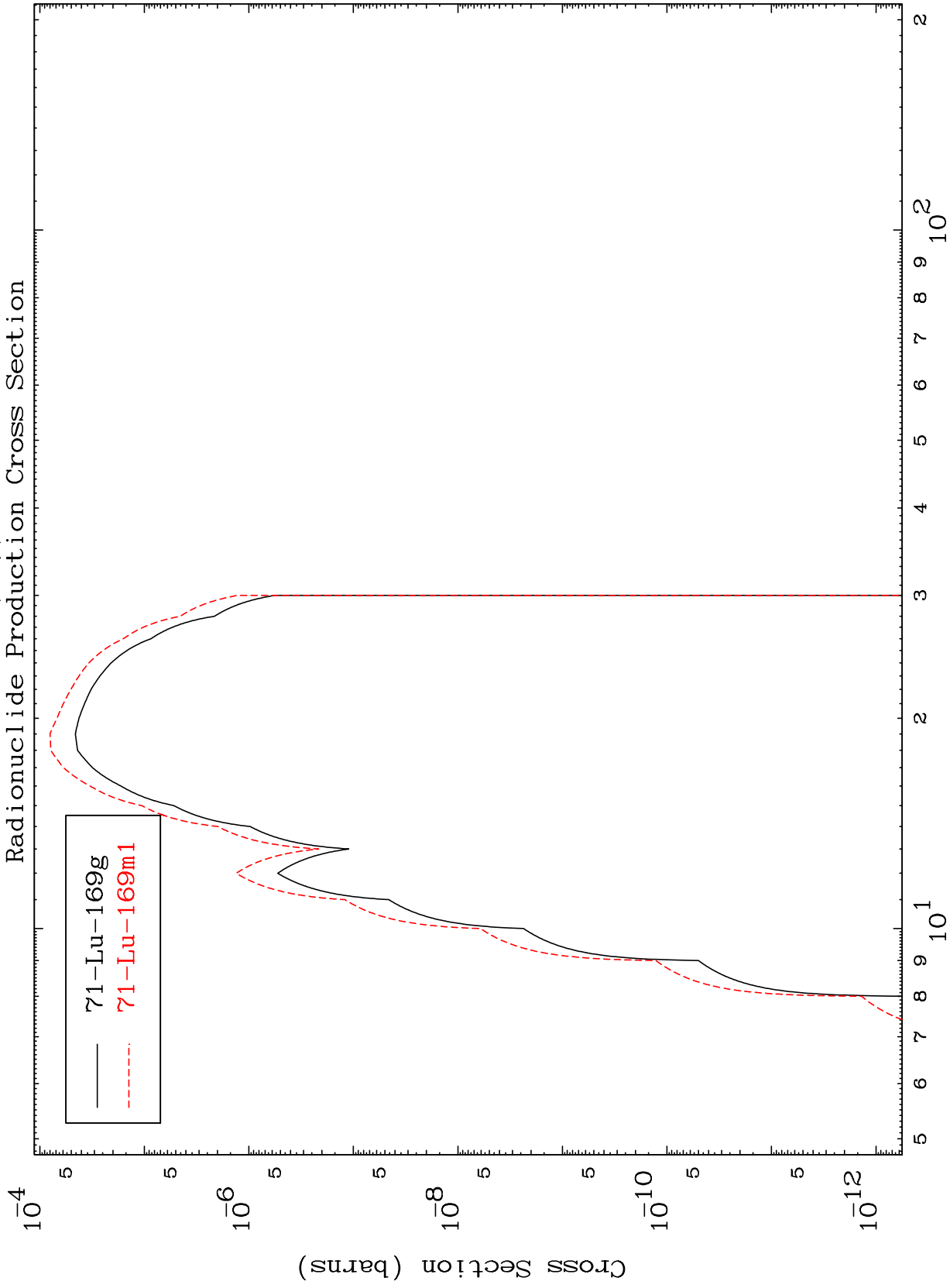
Incident Energy (MeV)

69-Tm-165

MAT 6913

69-Tm-165

(α, γ)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

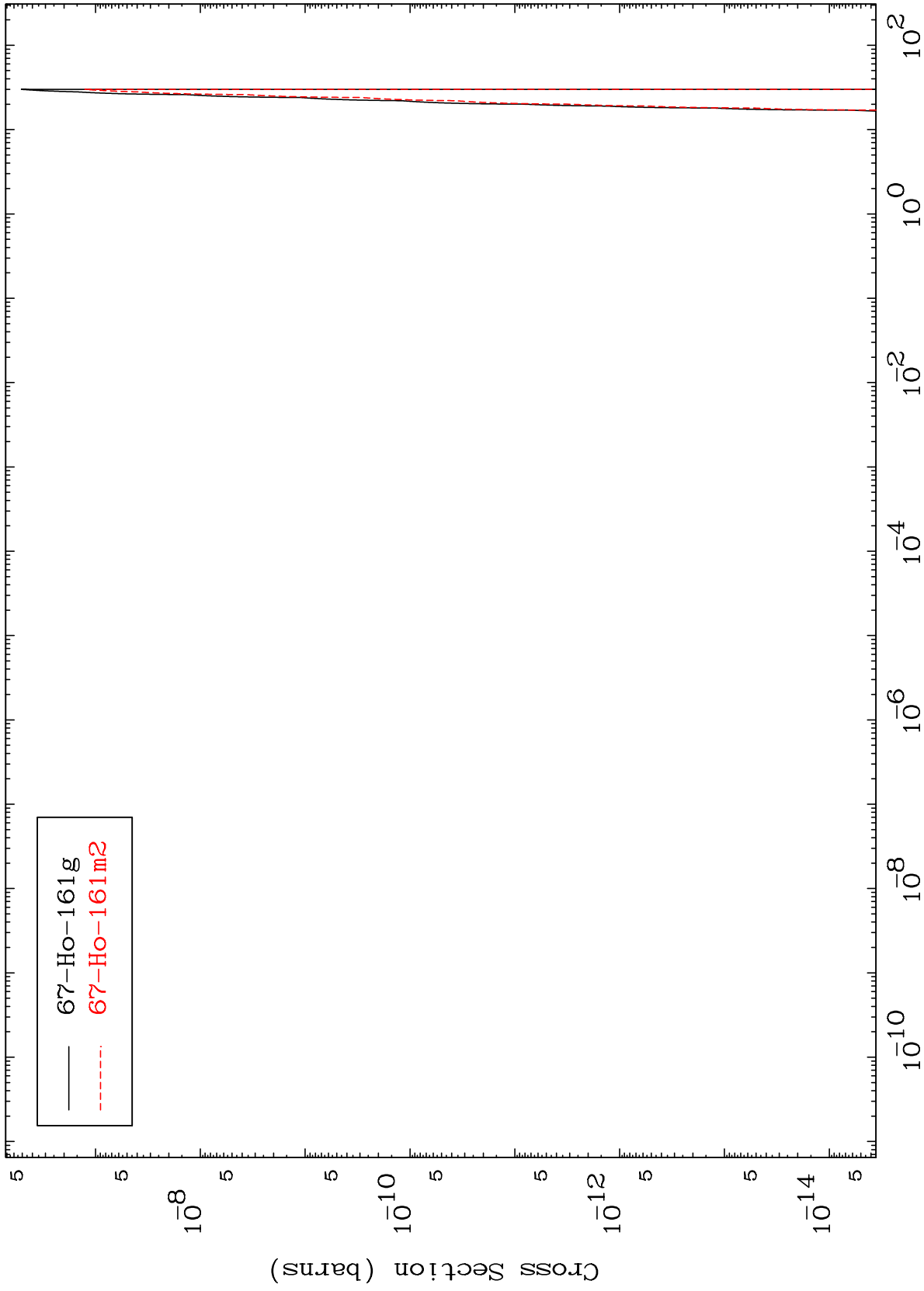
69-Tm-165

MAT 6913

($\alpha, 2\alpha$)

69-Tm-165

Radionuclide Production Cross Section



16

Incident Energy (MeV)

69-Tm-165