

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

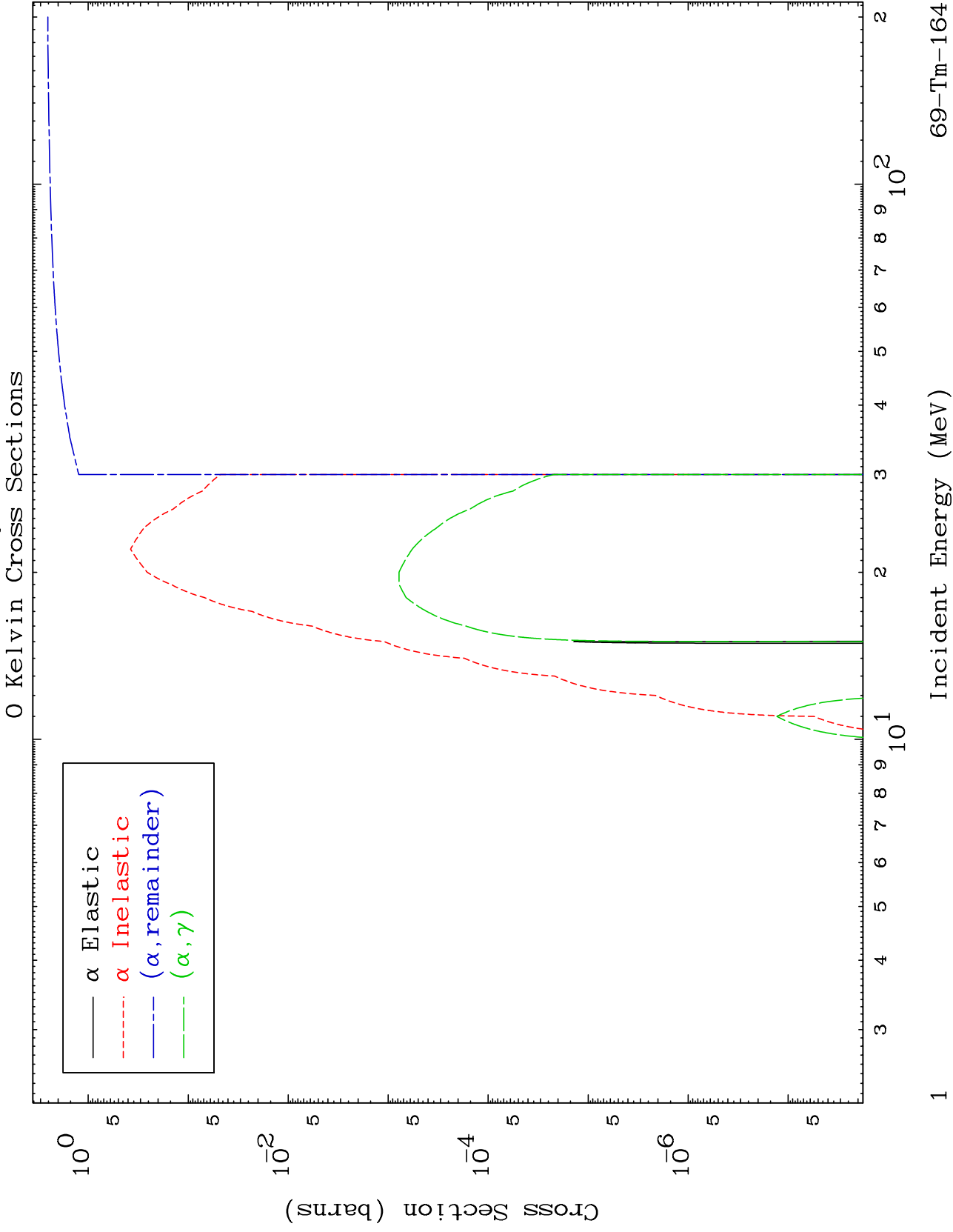
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Web:redcullen1.net/HOMEPAGE.NEW

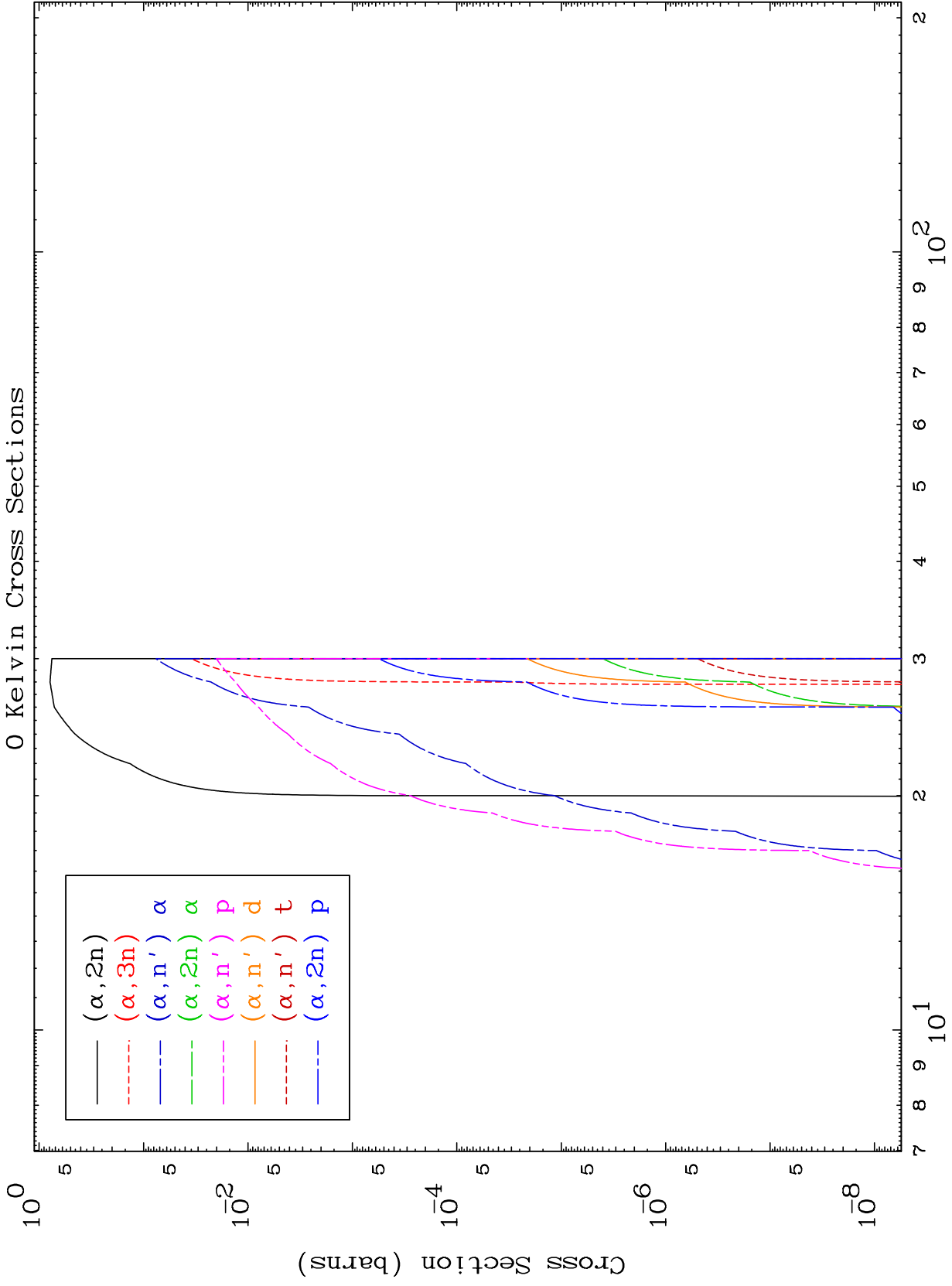
Press Mouse Button to Start



MAT 6911

α Neutron Production
0 Kelvin Cross Sections

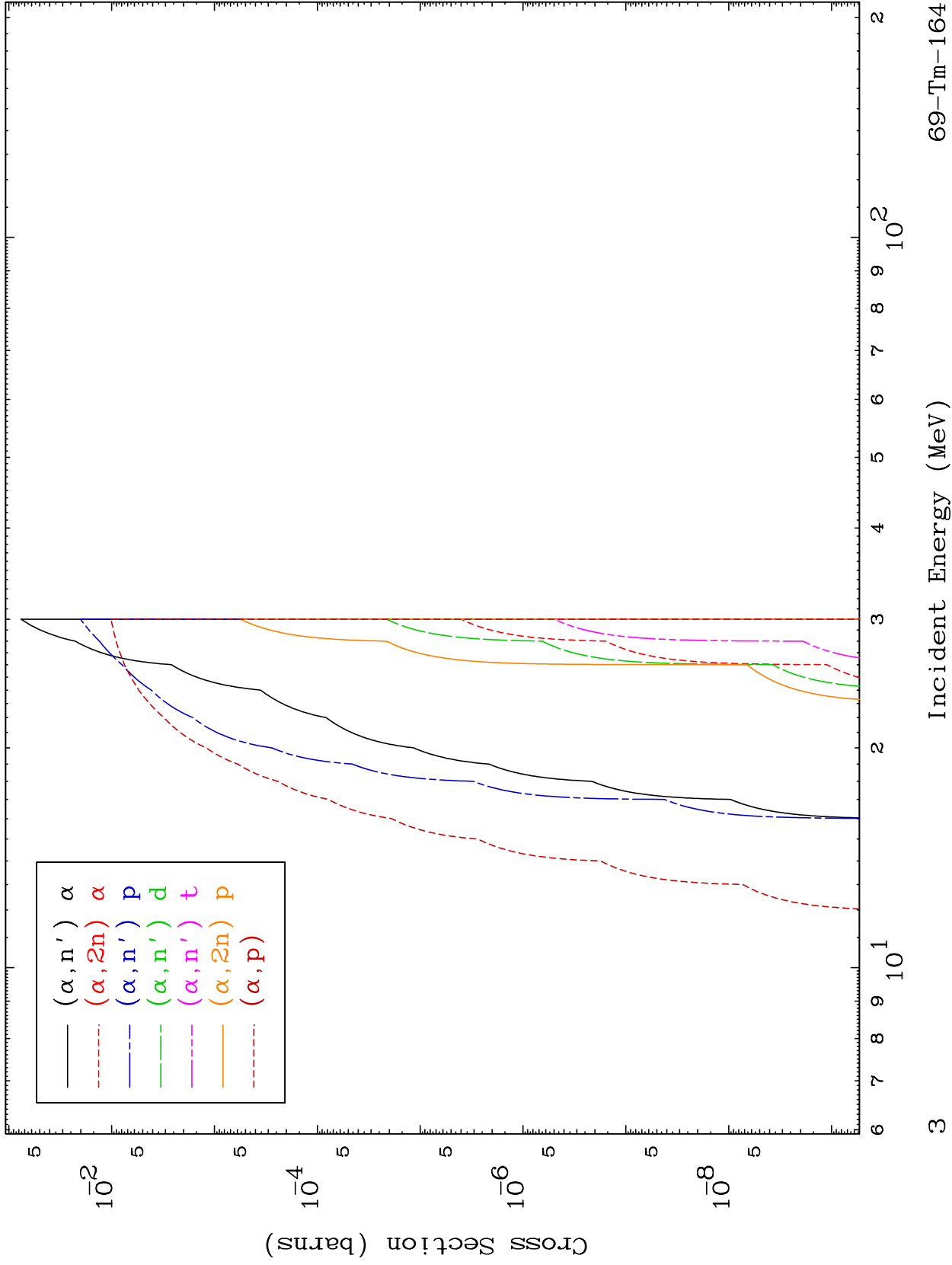
69-Tm-164



2

Incident Energy (MeV)

69-Tm-164

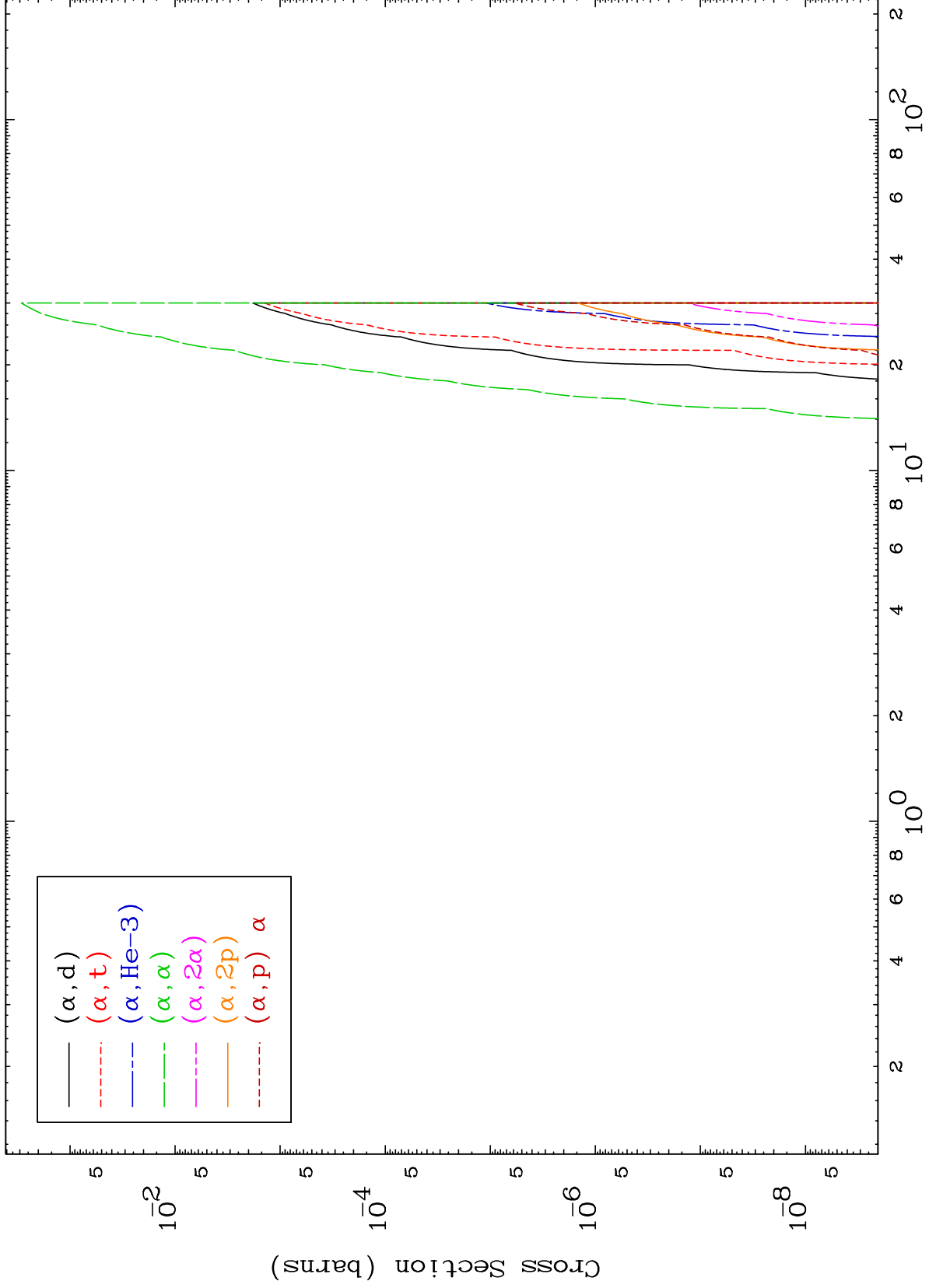


MAT 6911

α Charged Particle

69-Tm-164

0 Kelvin Cross Sections

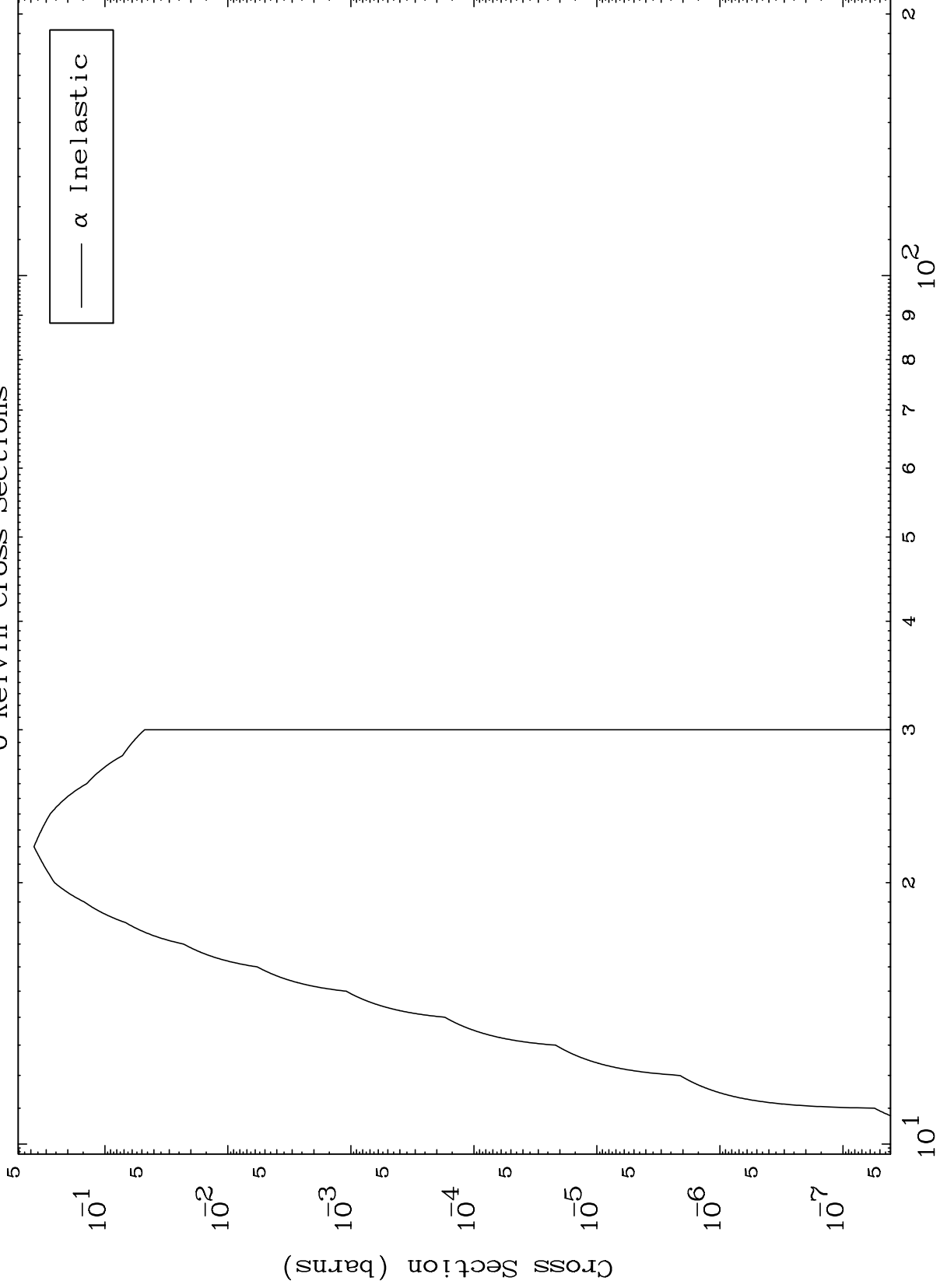


MAT 6911

(α, n') Level

69-Tm-164

0 Kelvin Cross Sections



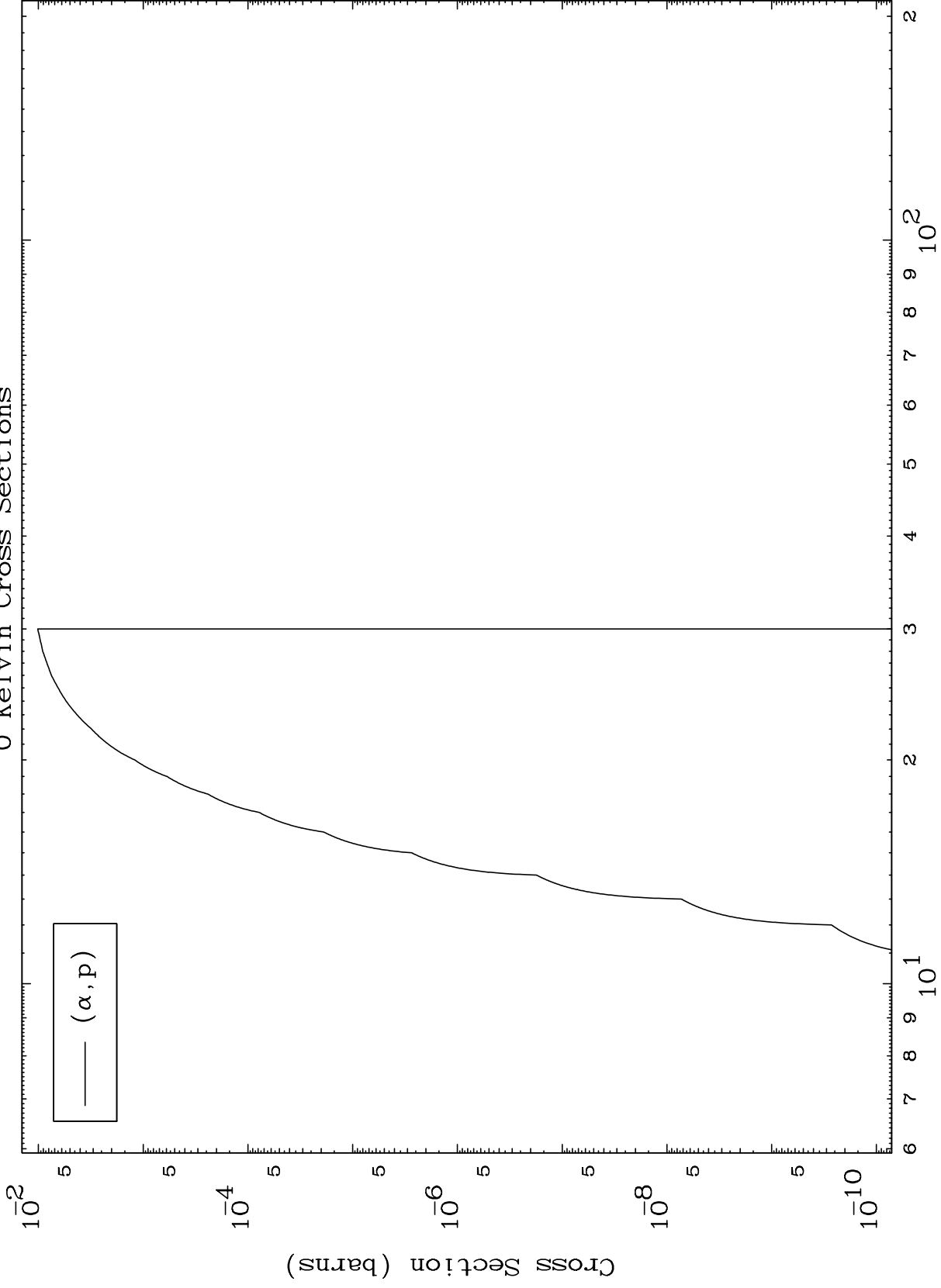
Incident Energy (MeV)

69-Tm-164

MAT 6911

(α, p) Levels
0 Kelvin Cross Sections

69-Tm-164



6

Incident Energy (MeV)

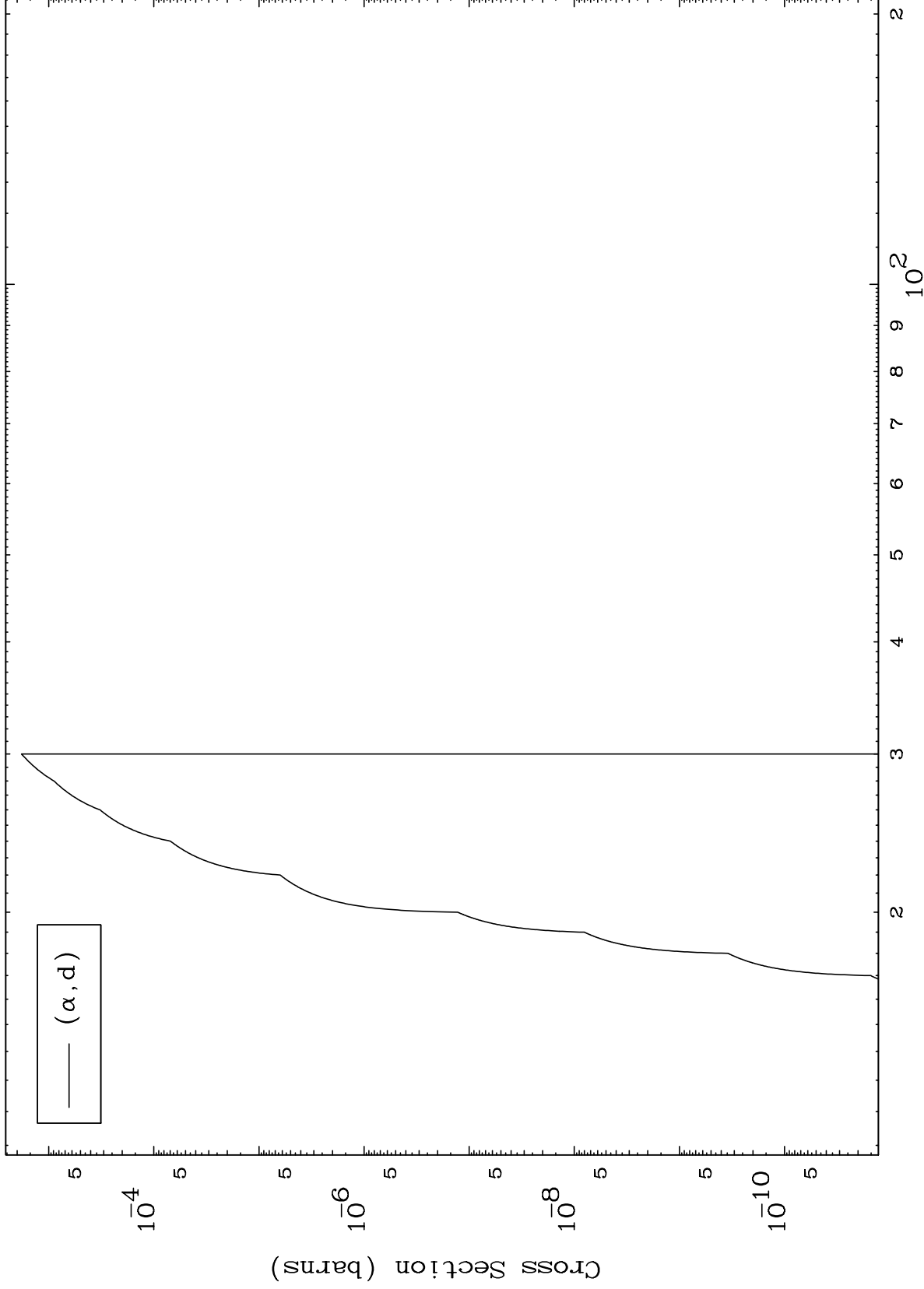
69-Tm-164

MAT 6911

(α, d) Levels

69-Tm-164

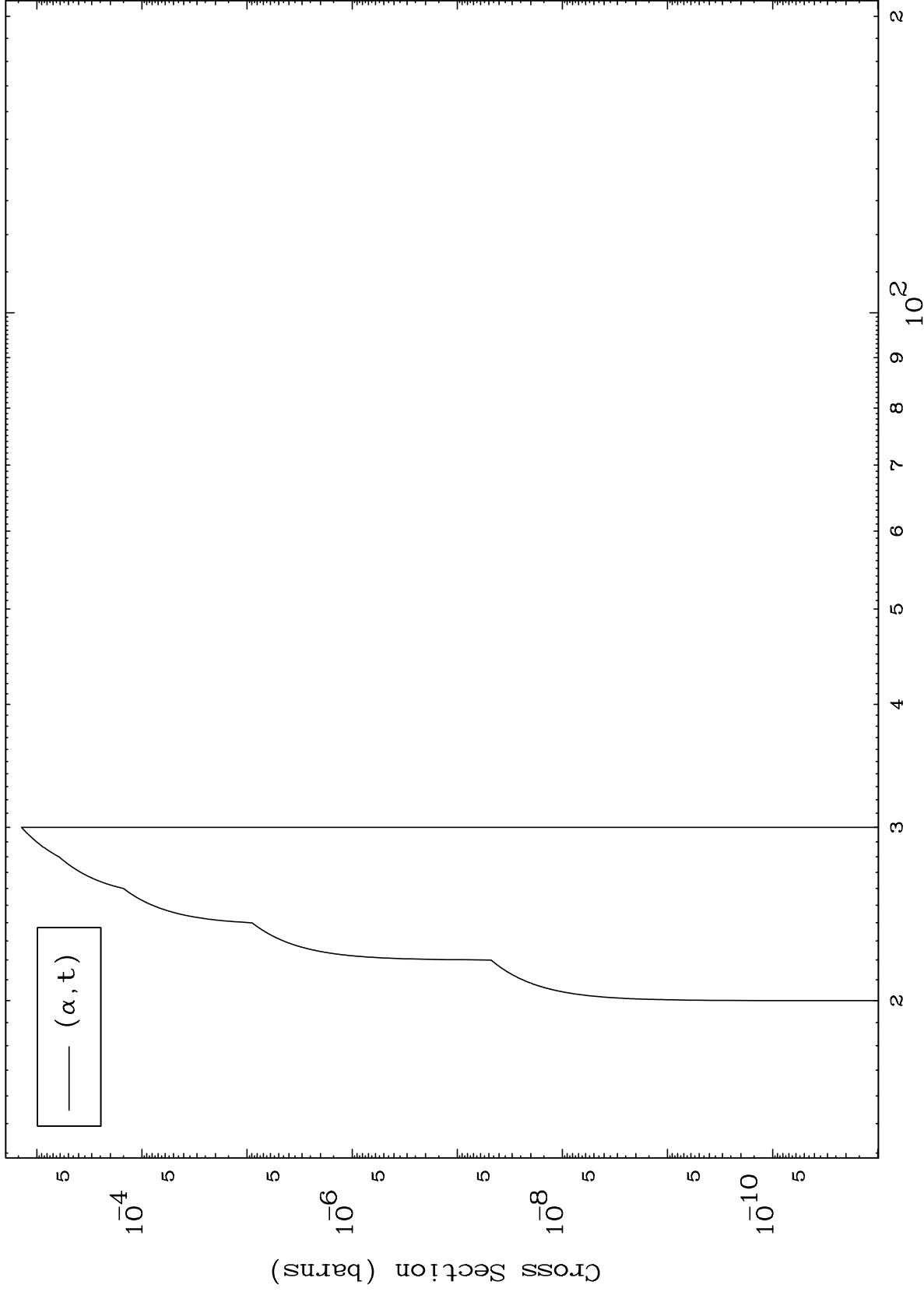
0 Kelvin Cross Sections



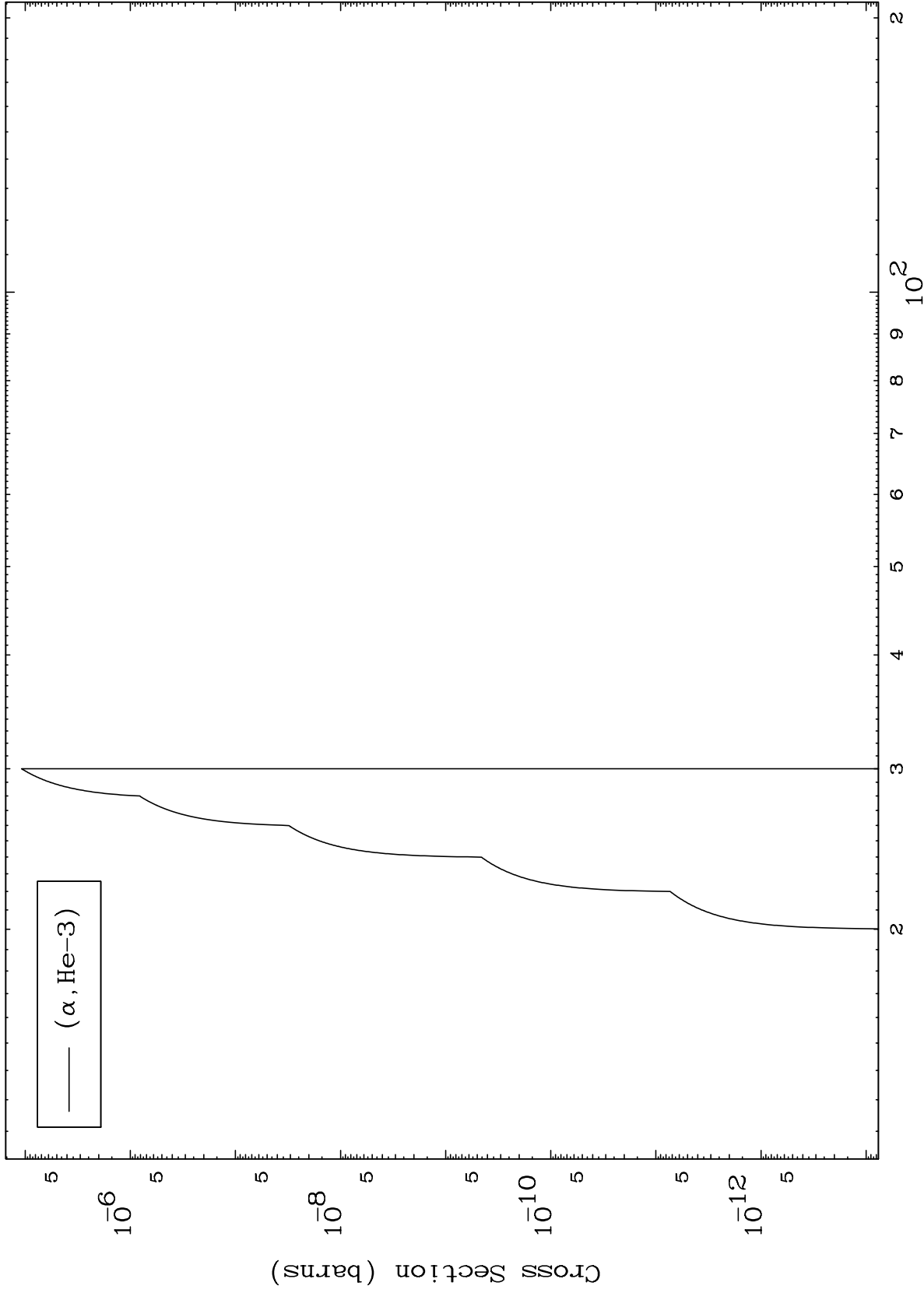
7

Incident Energy (MeV)

69-Tm-164



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

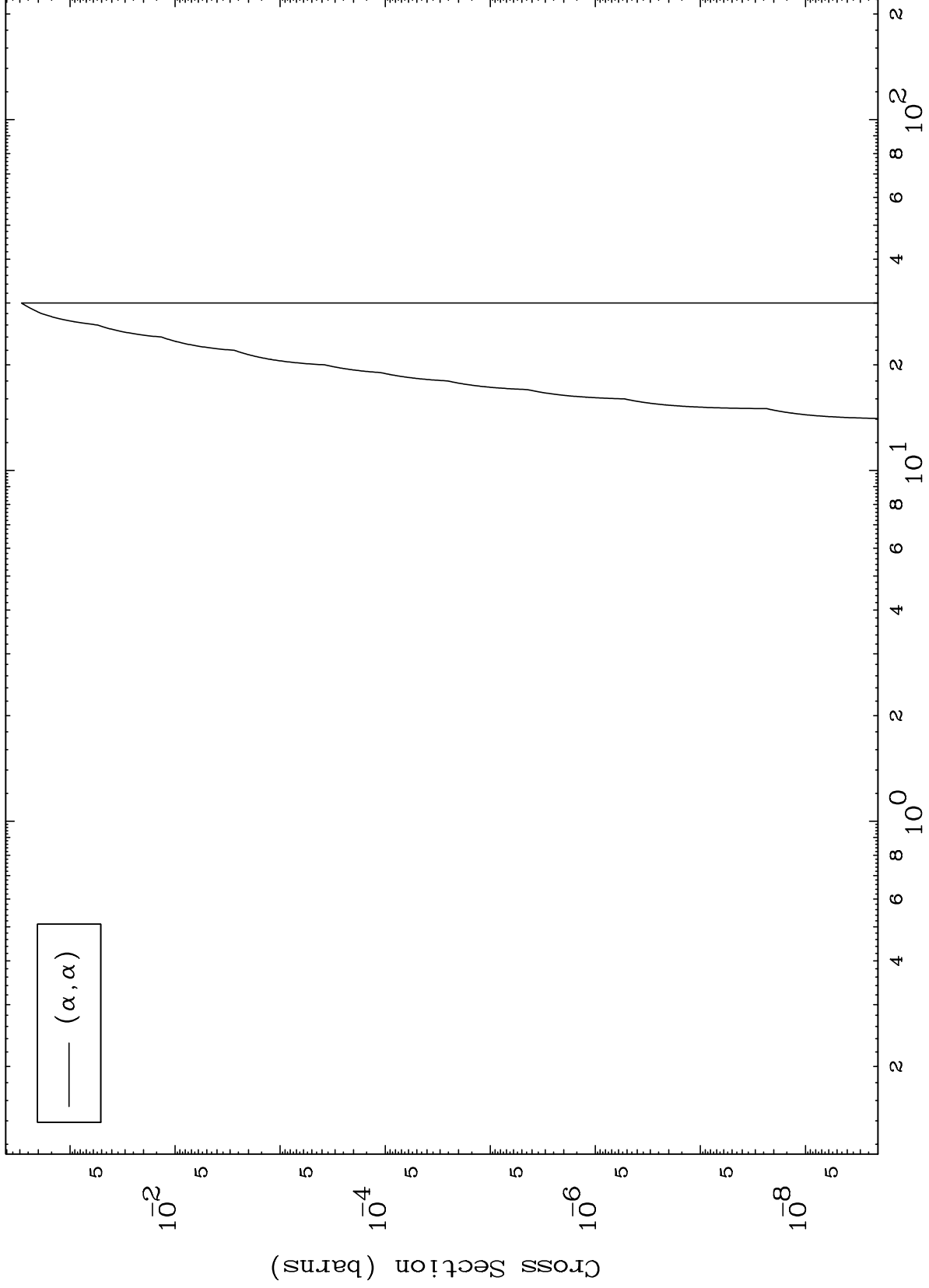


MAT 6911

(α, α) Levels

69-Tm-164

0 Kelvin Cross Sections



10

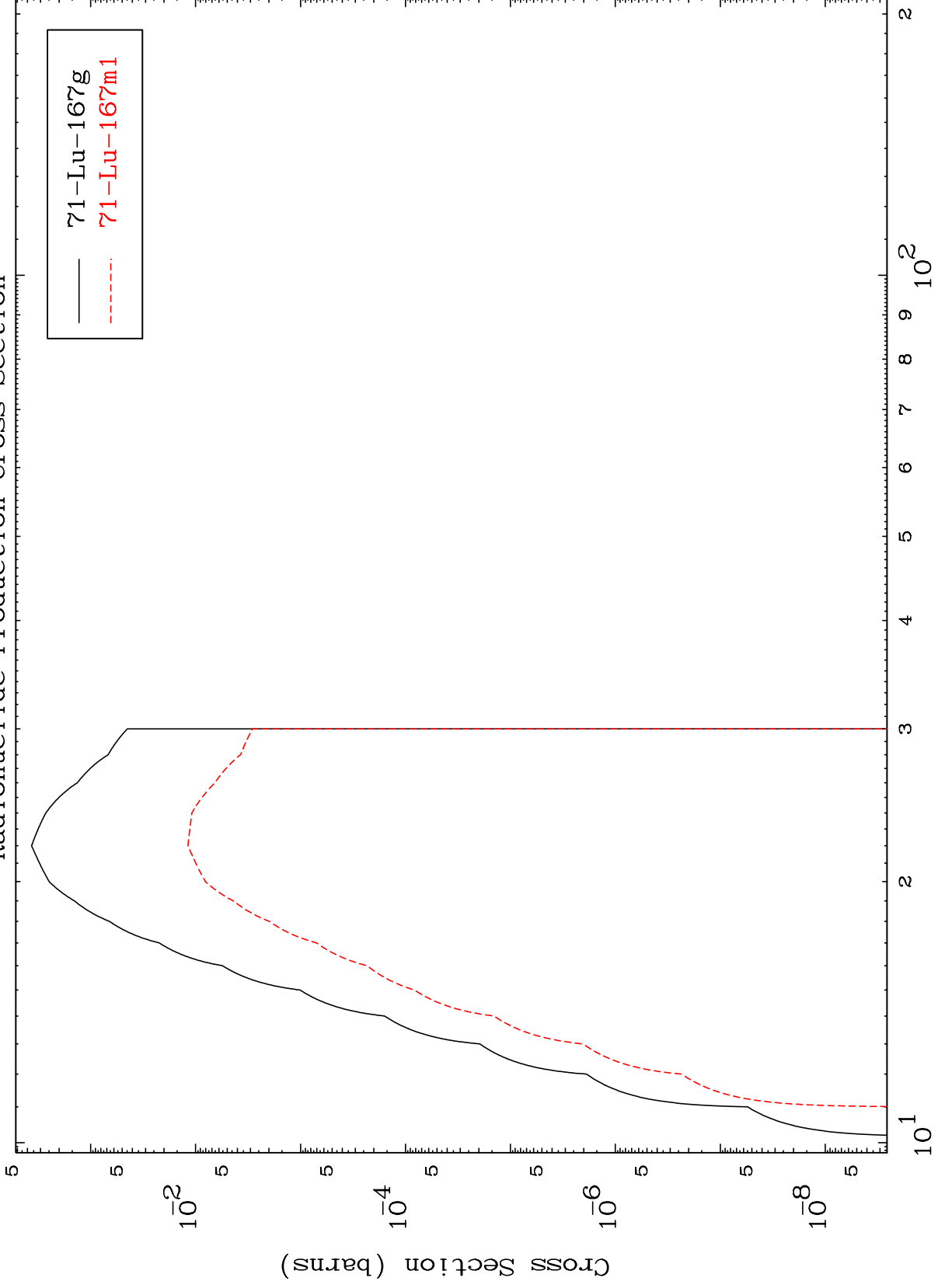
Incident Energy (MeV)

69-Tm-164

MAT 6911

69-Tm-164

Radionuclide Production Cross Section
 α Inelastic



69-Tm-164

Incident Energy (MeV)

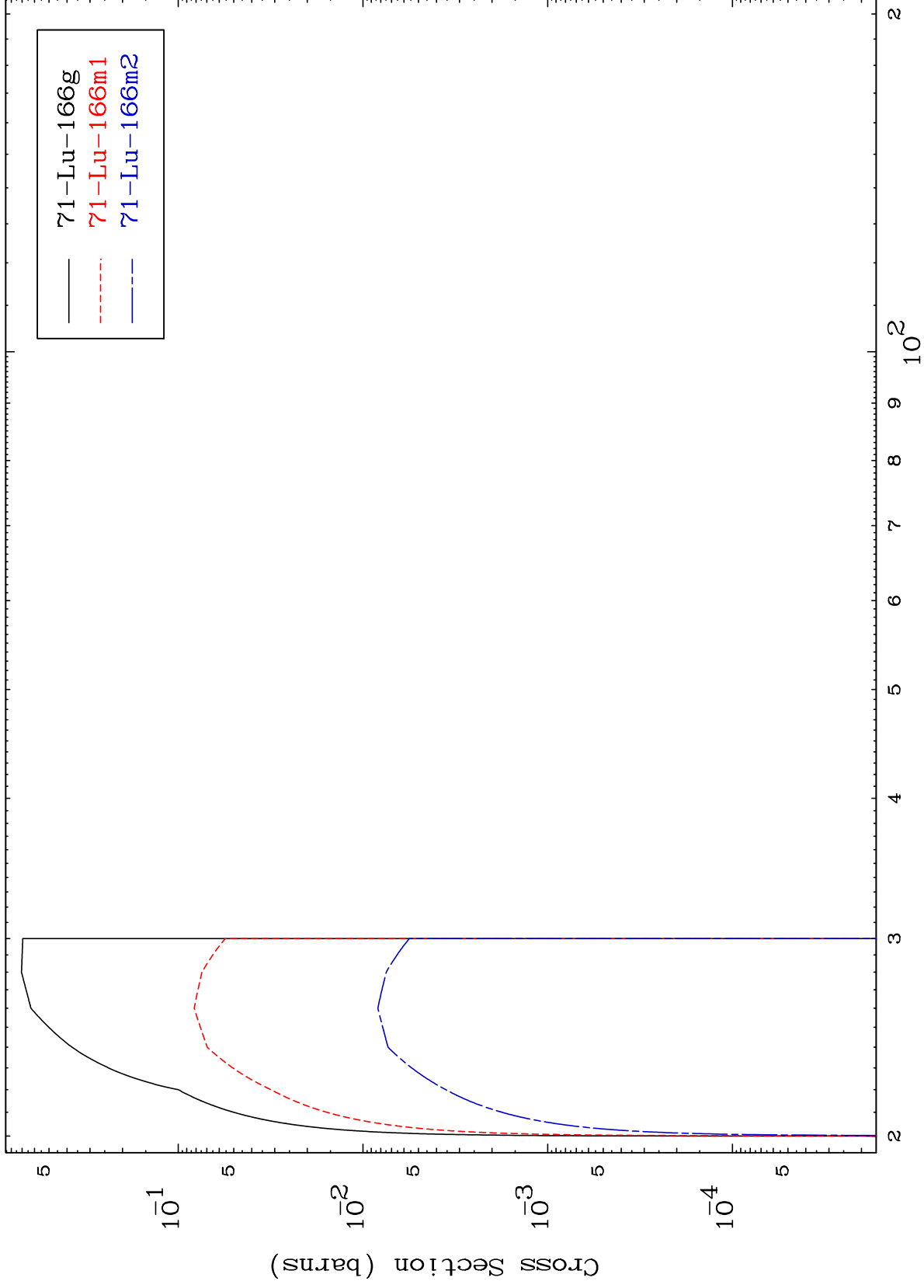
11

MAT 6911

($\alpha, 2n$)

69-Tm-164

Radionuclide Production Cross Section



12

Incident Energy (MeV)

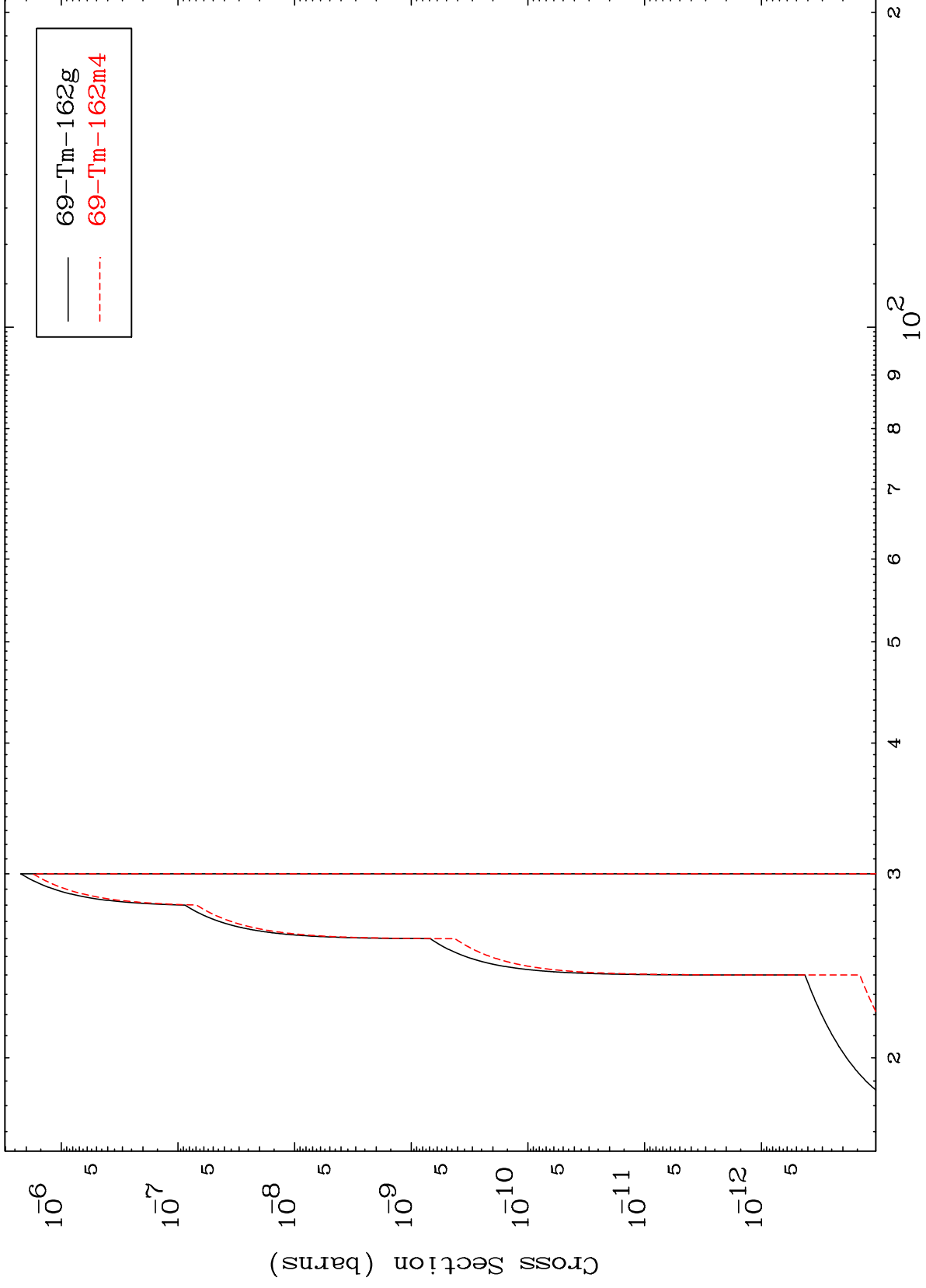
69-Tm-164

MAT 6911

$(\alpha, 2n) \alpha$

69-Tm-164

Radionuclide Production Cross Section



13

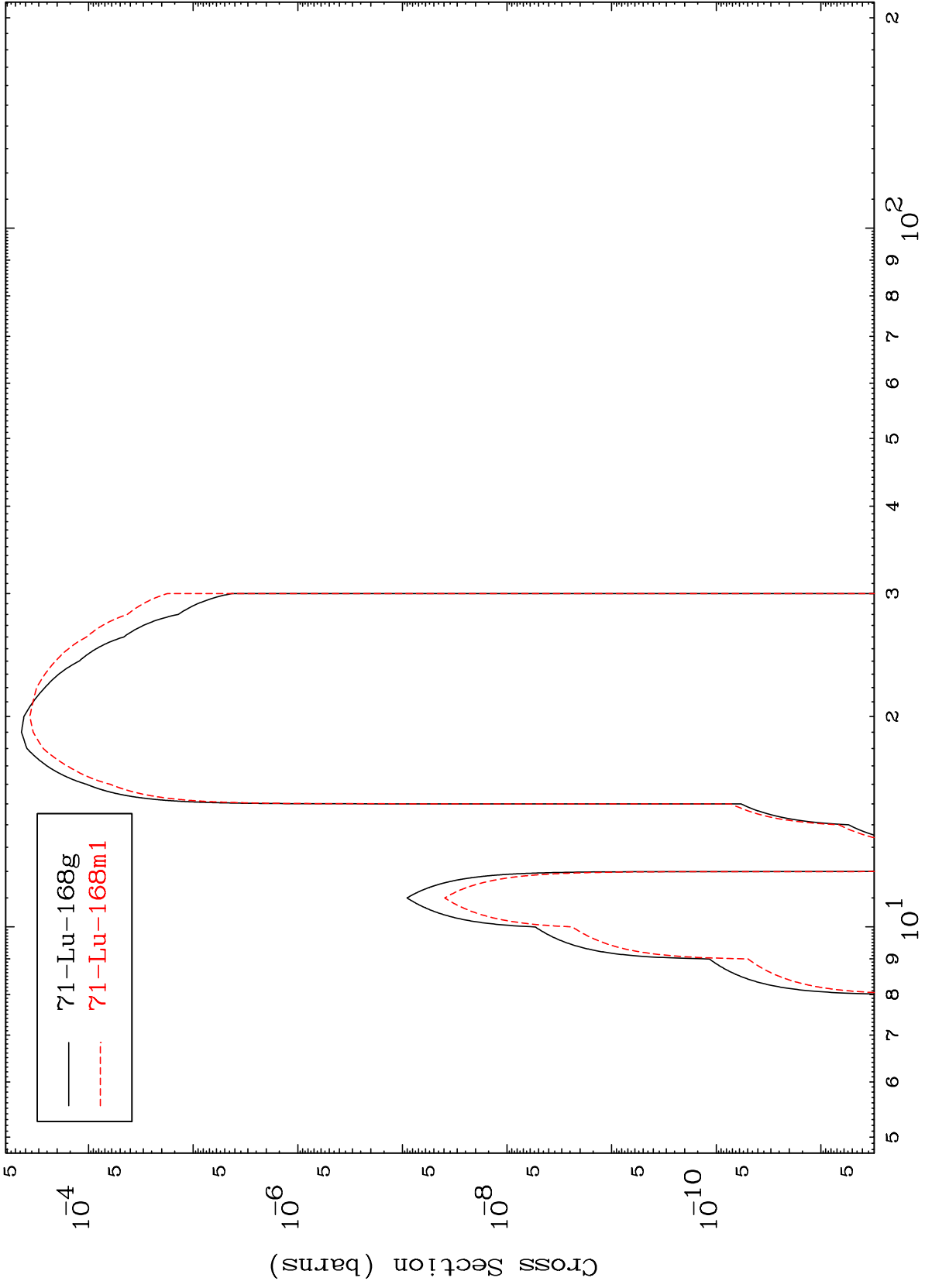
Incident Energy (MeV)

69-Tm-164

MAT 6911

69-Tm-164

(α, γ)
Radionuclide Production Cross Section



14

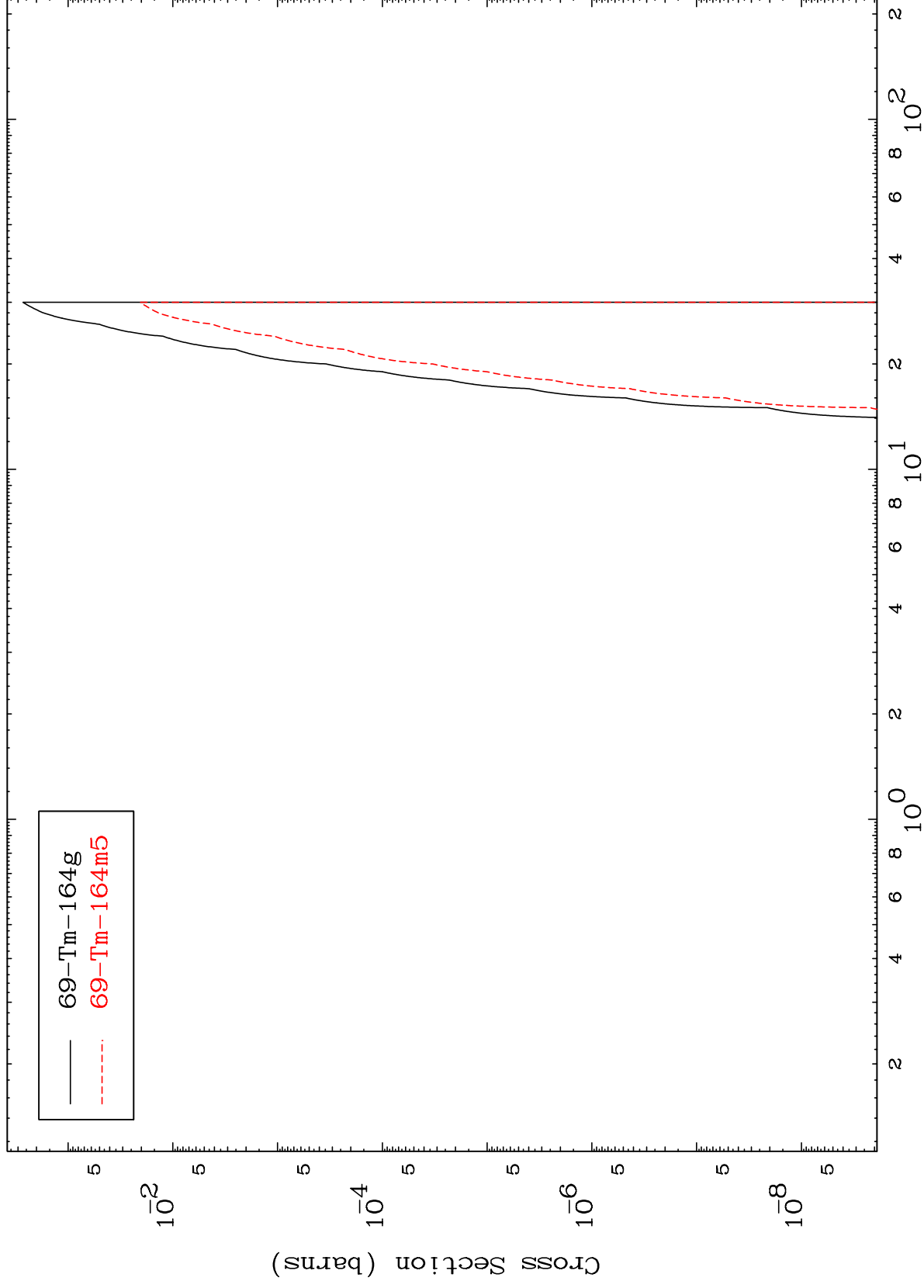
Incident Energy (MeV)

69-Tm-164

MAT 6911

69-Tm-164

Radionuclide Production Cross Section
(α, α)



15

Incident Energy (MeV)

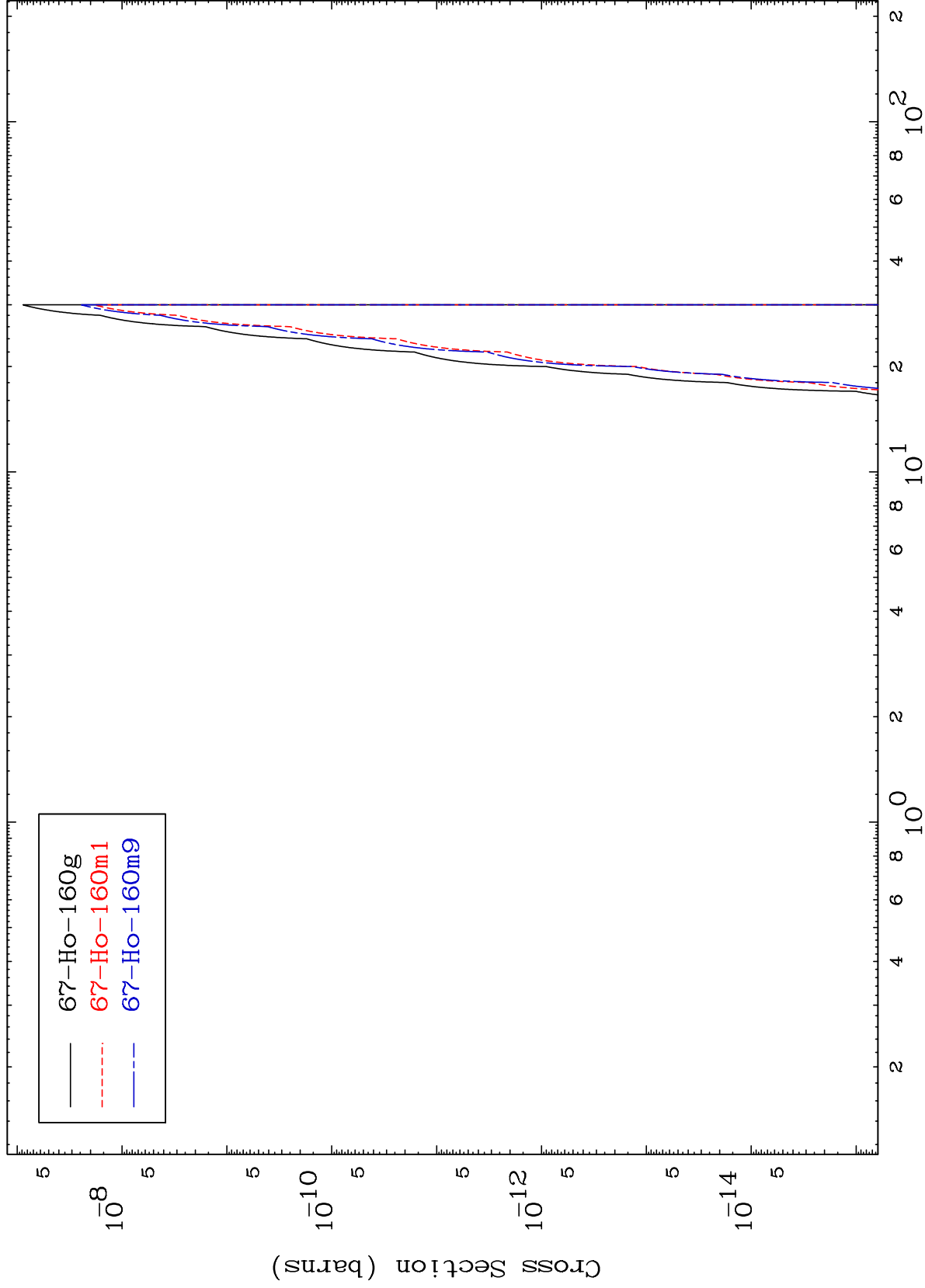
69-Tm-164

MAT 6911

($\alpha, 2\alpha$)

69-Tm-164

Radionuclide Production Cross Section



16

Incident Energy (MeV)

69-Tm-164