

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

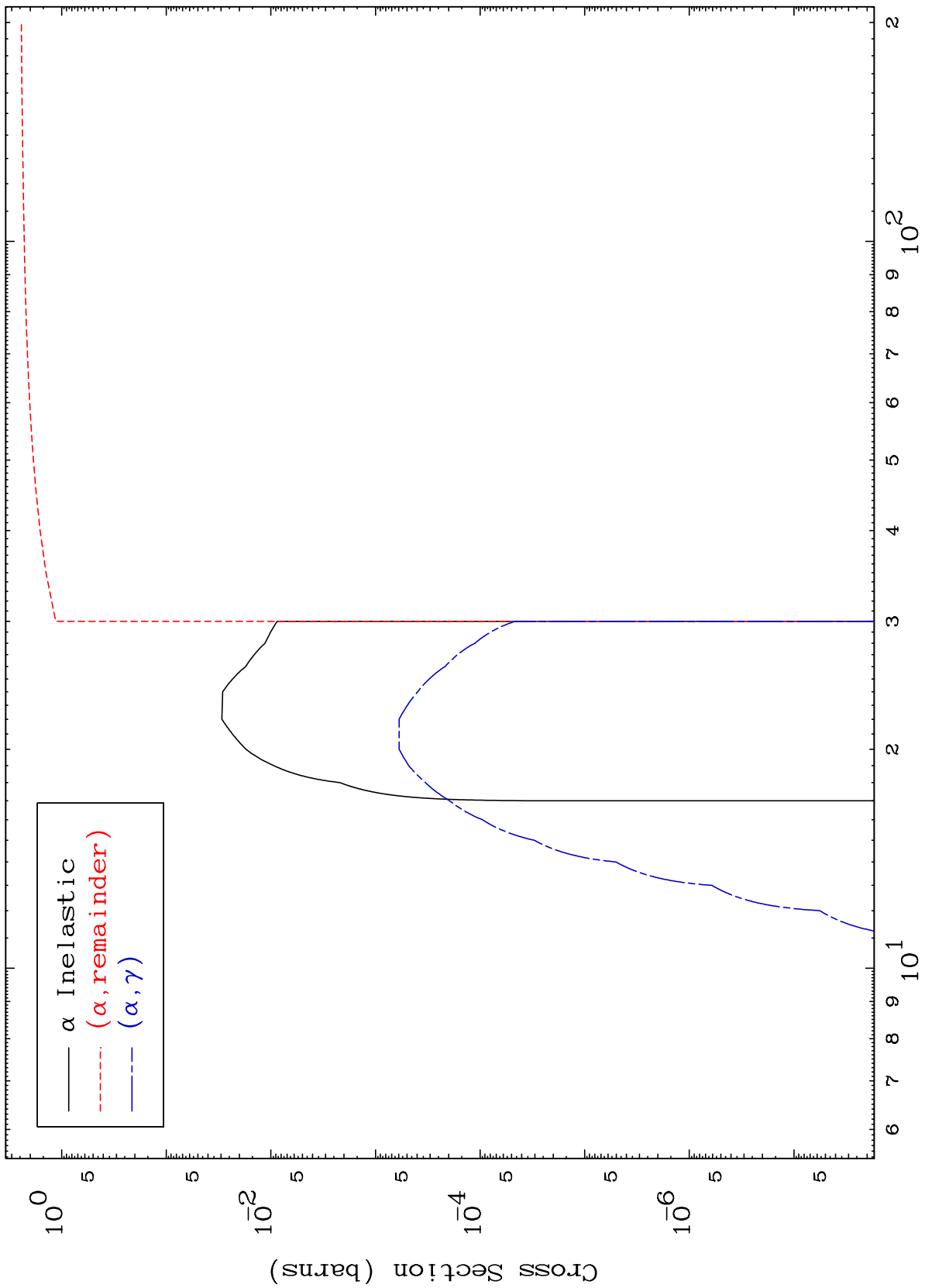
Press Mouse Button to Start

MAT 6872

α Major

69-Tm-151

0 Kelvin Cross Sections

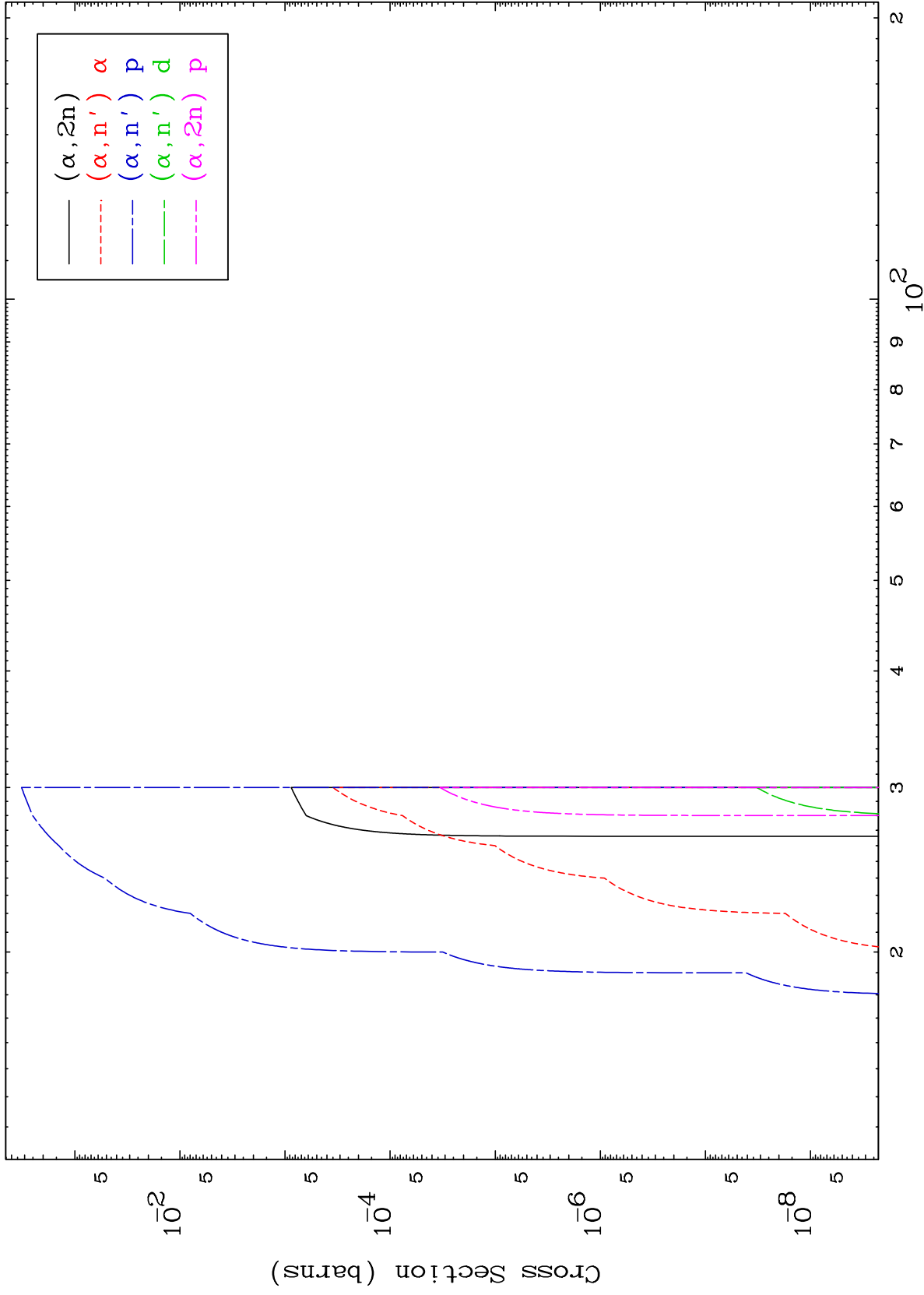


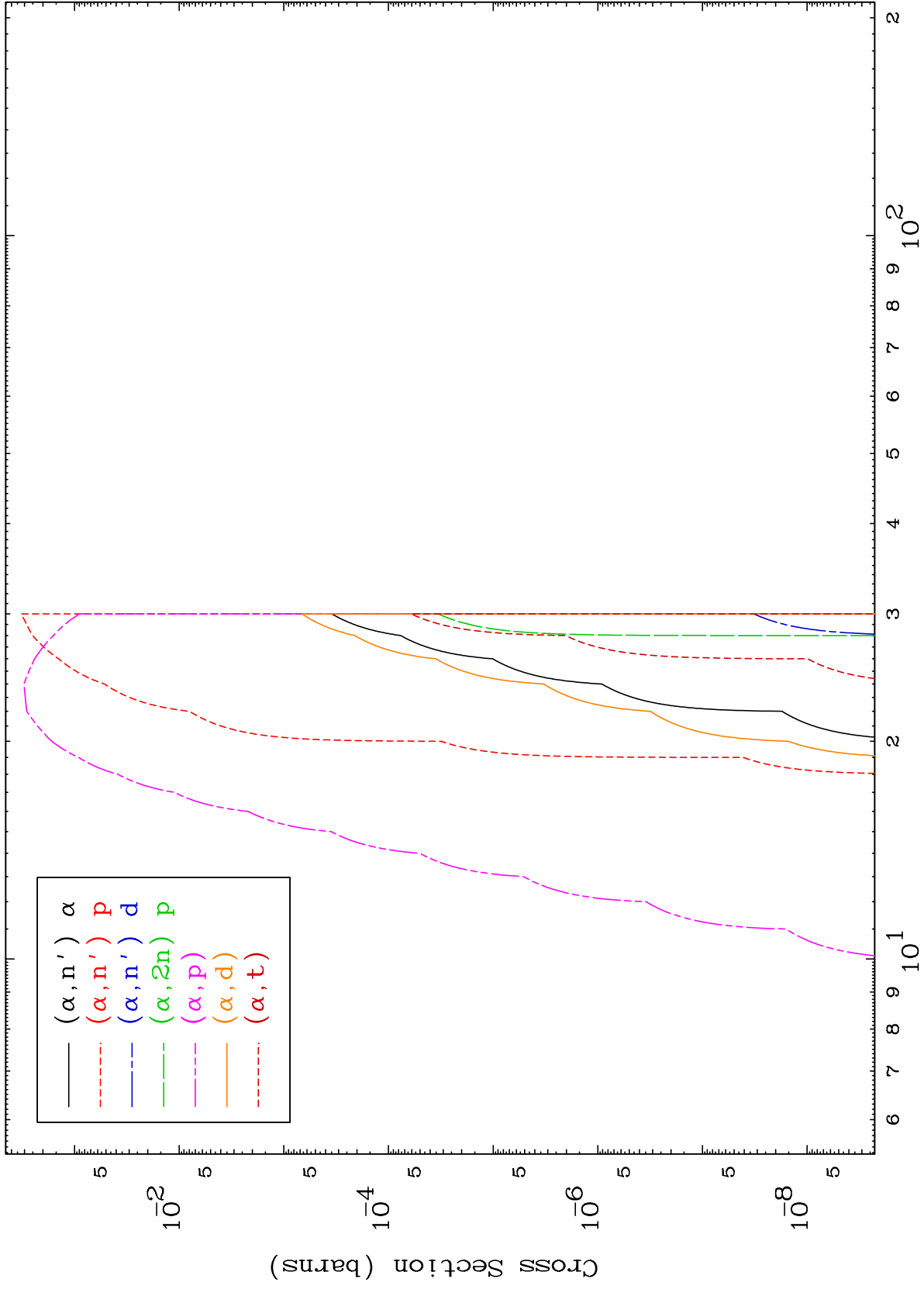
α Inelastic
(α , remainder)
(α , γ)

1

Incident Energy (MeV)

69-Tm-151

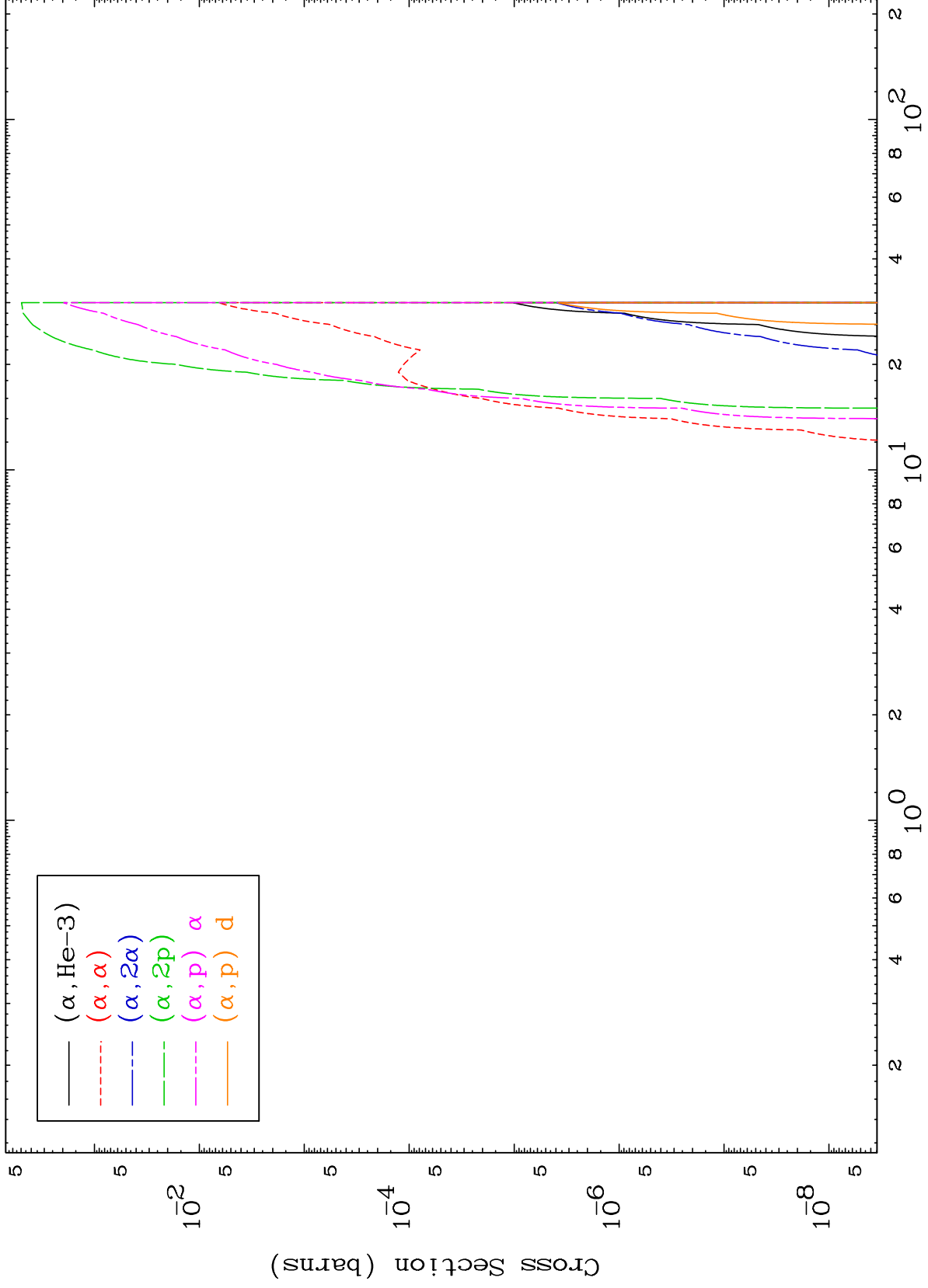




MAT 6872

α Charged Particle
0 Kelvin Cross Sections

69-Tm-151

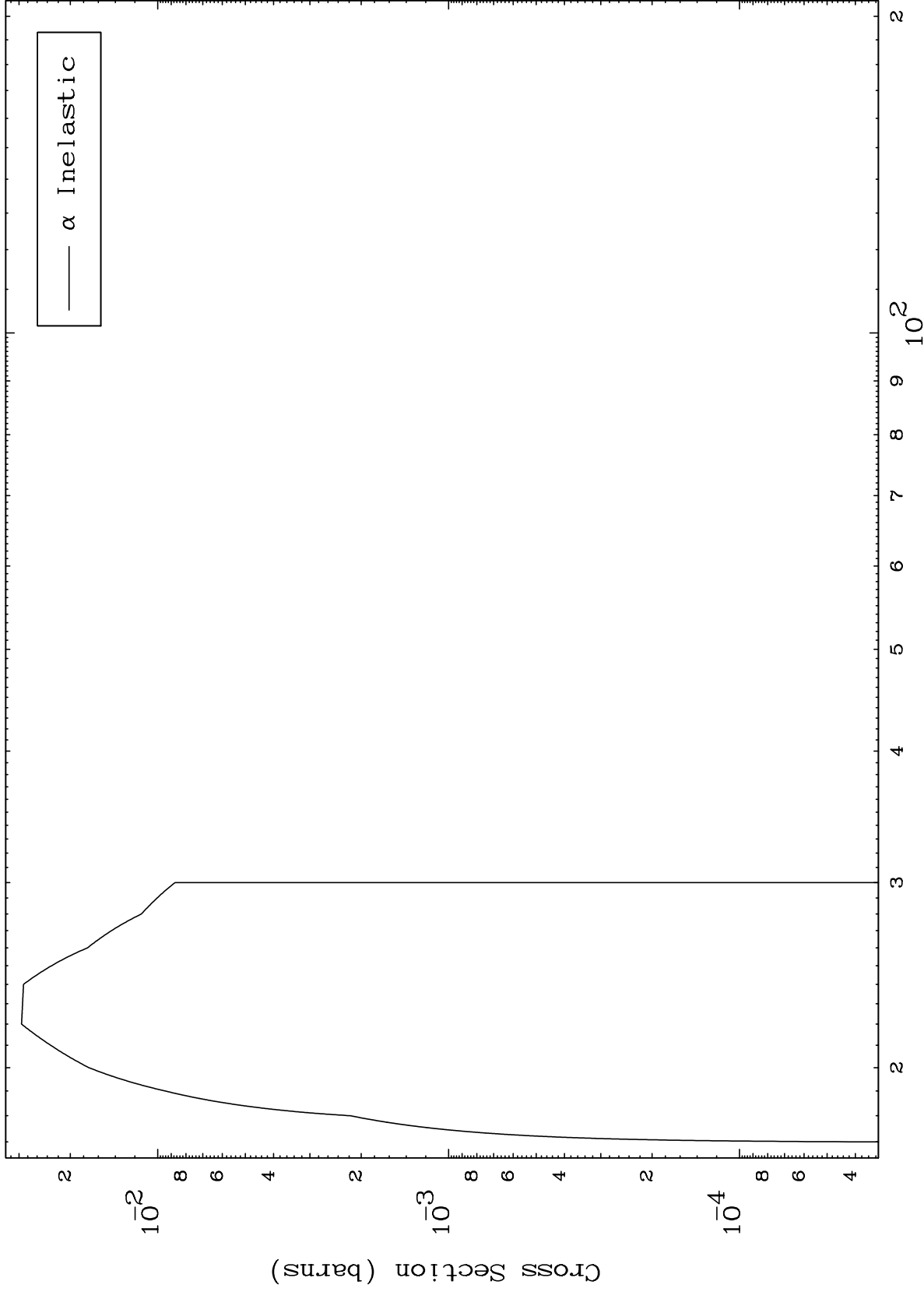


MAT 6872

(α, n') Level

69-Tm-151

0 Kelvin Cross Sections



5

Incident Energy (MeV)

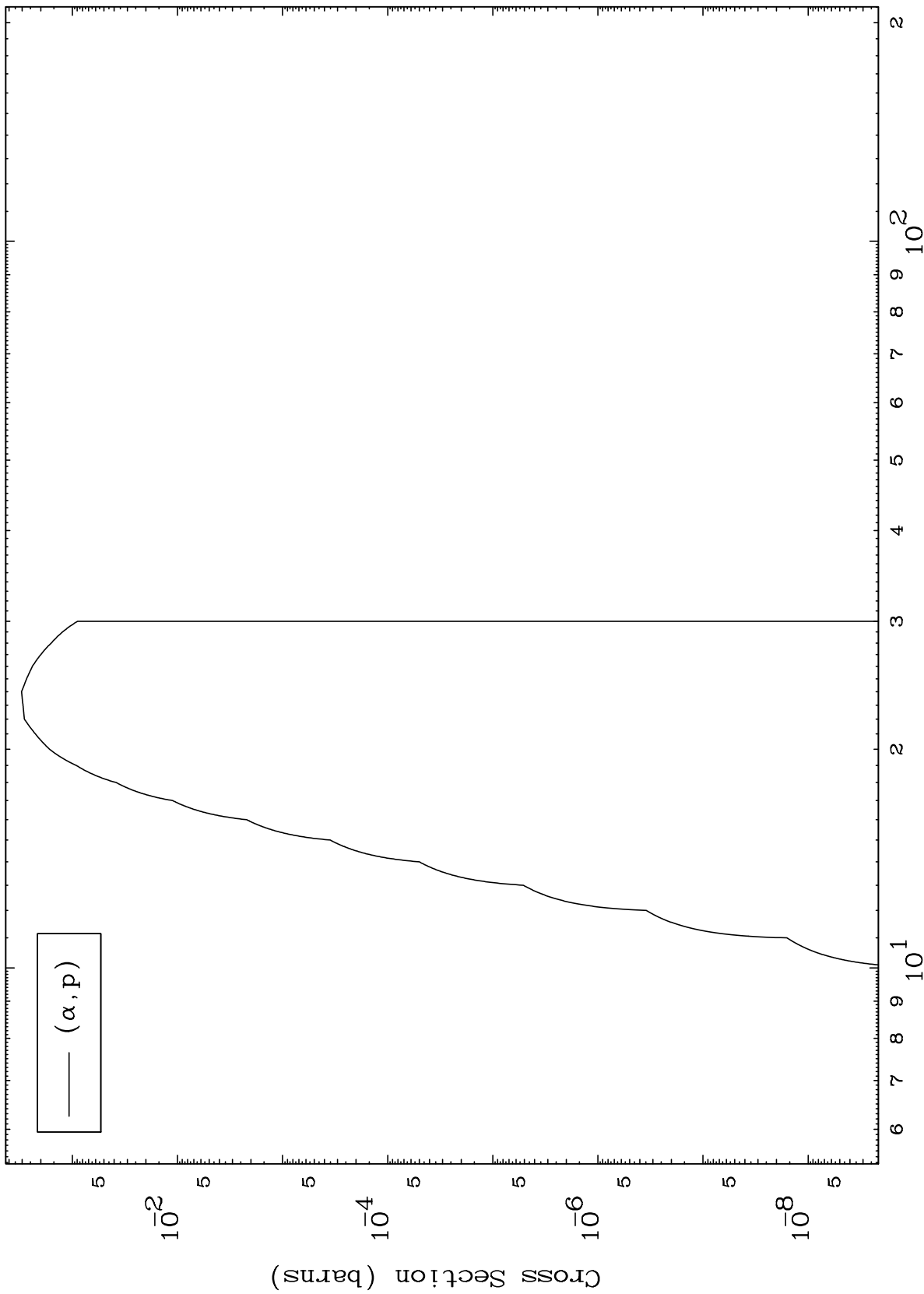
69-Tm-151

MAT 6872

(α, p) Levels

69-Tm-151

0 Kelvin Cross Sections

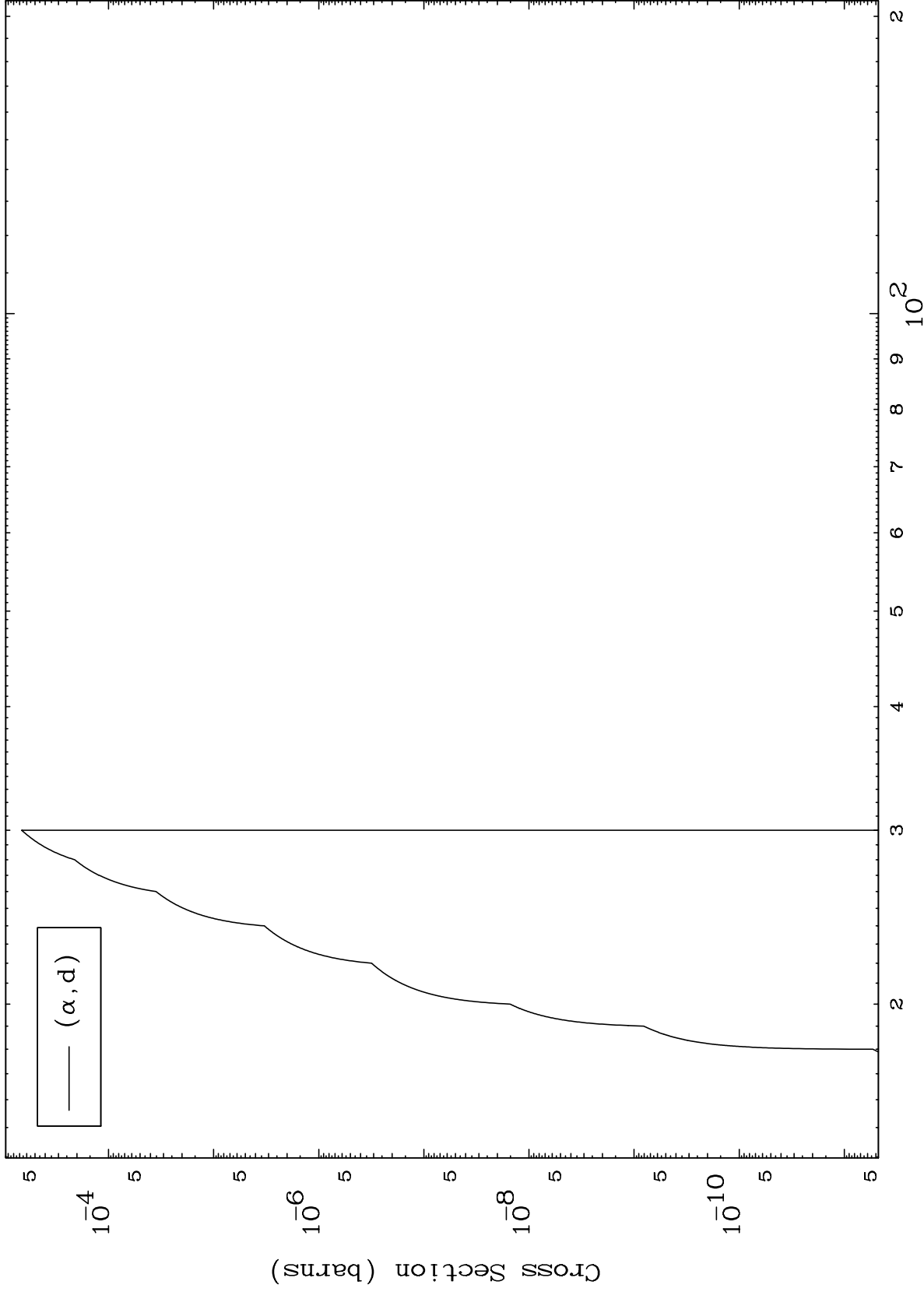


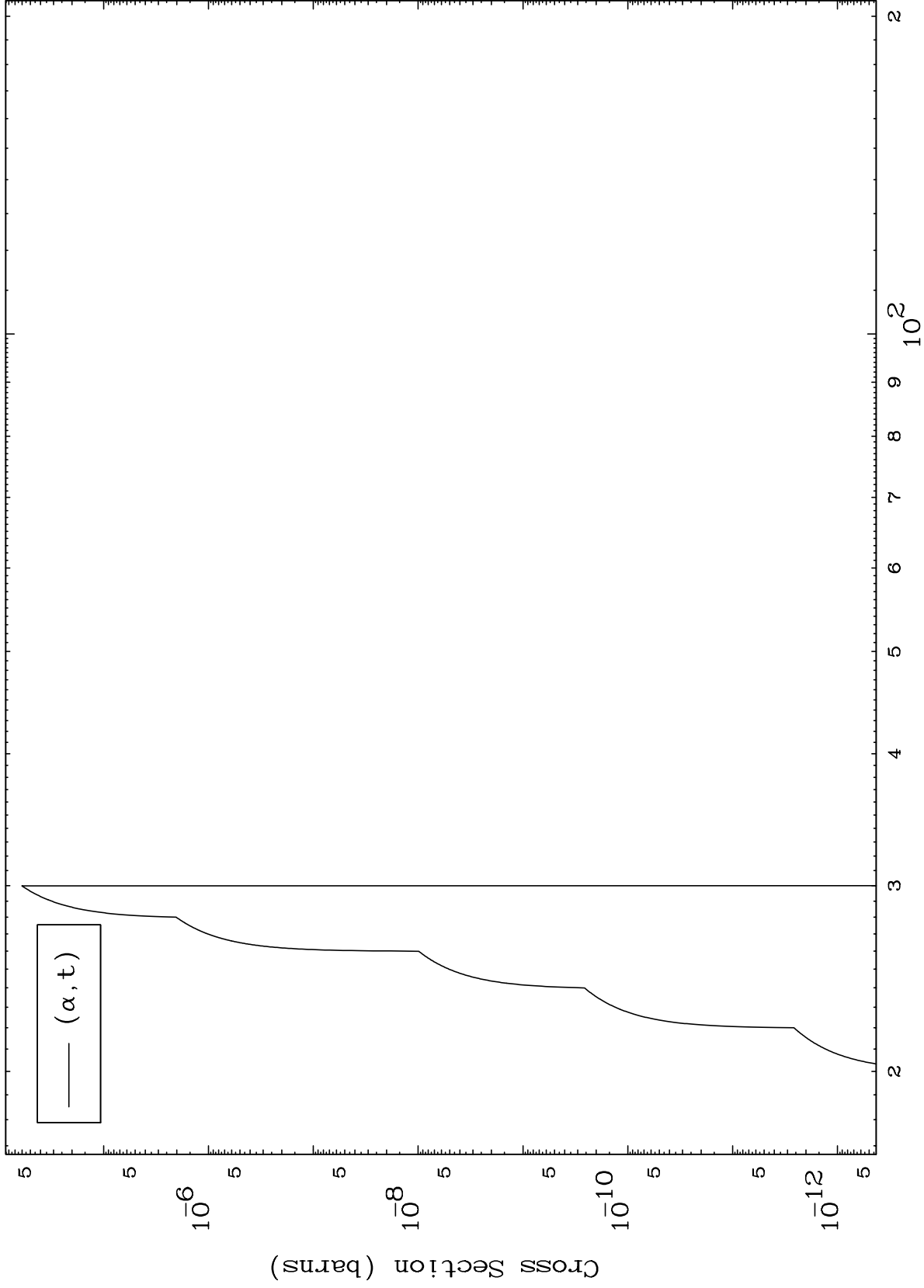
(α, p)

6

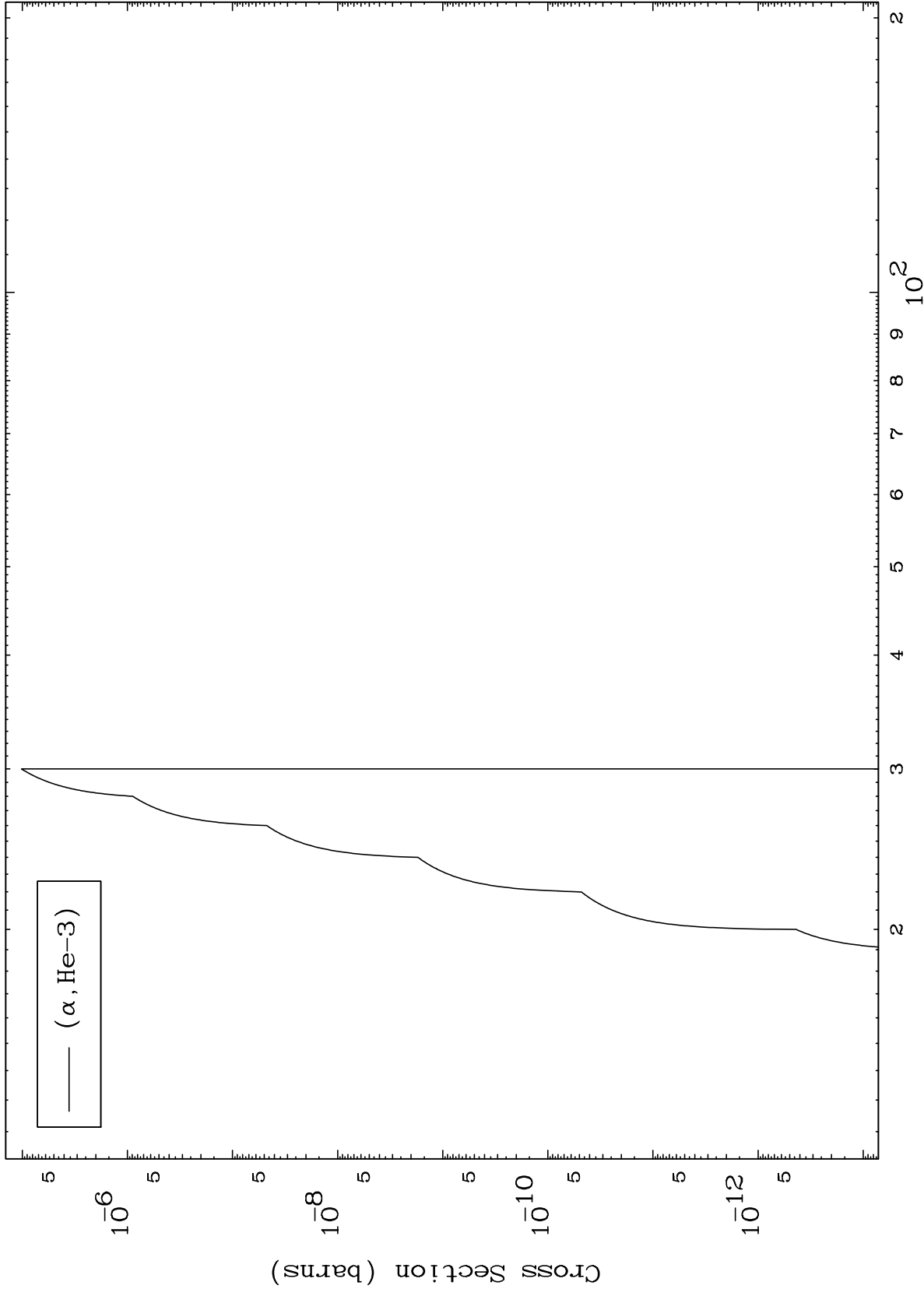
Incident Energy (MeV)

69-Tm-151





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

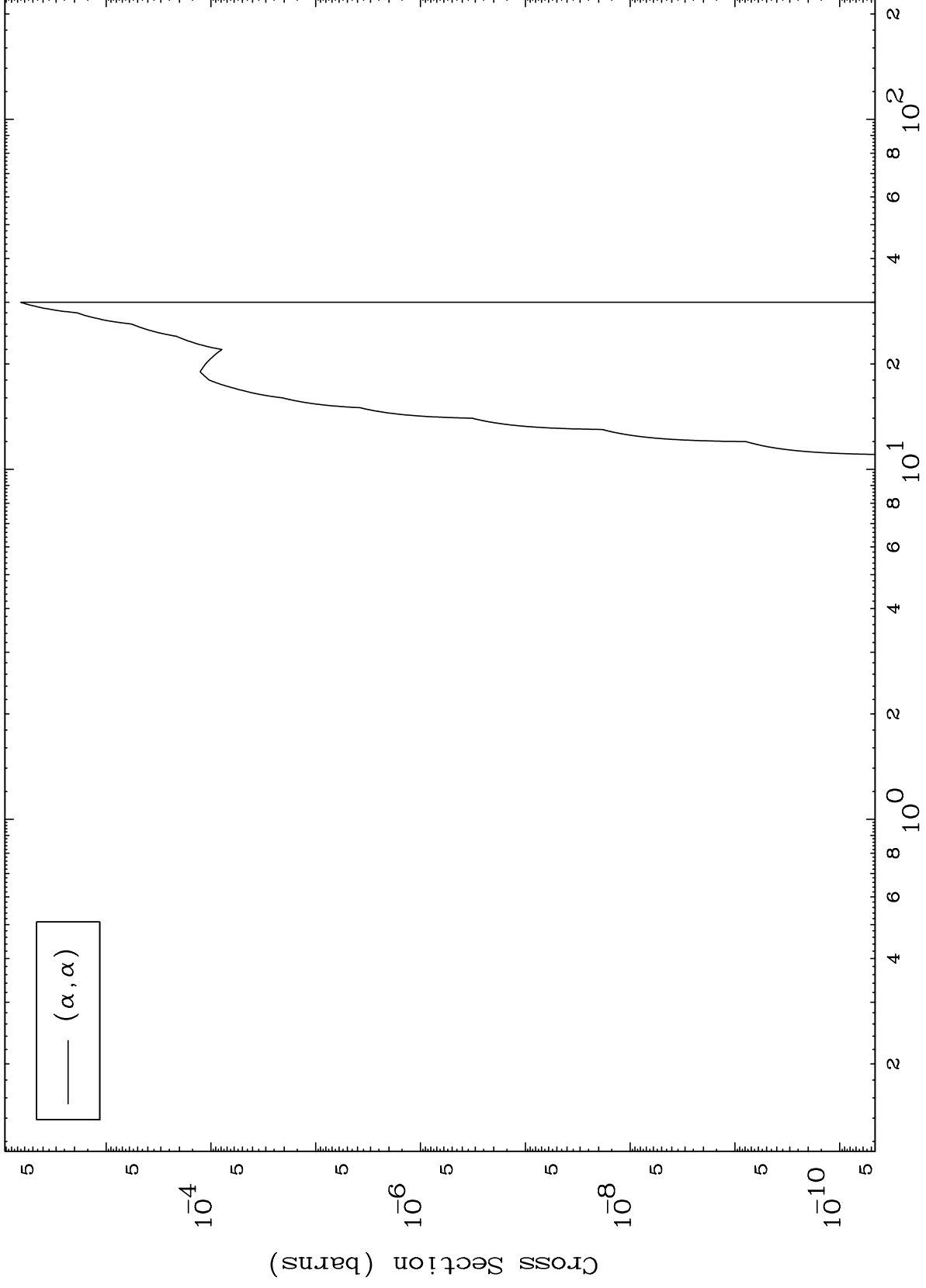


MAT 6872

(α, α) Levels

69-Tm-151

0 Kelvin Cross Sections



10

Incident Energy (MeV)

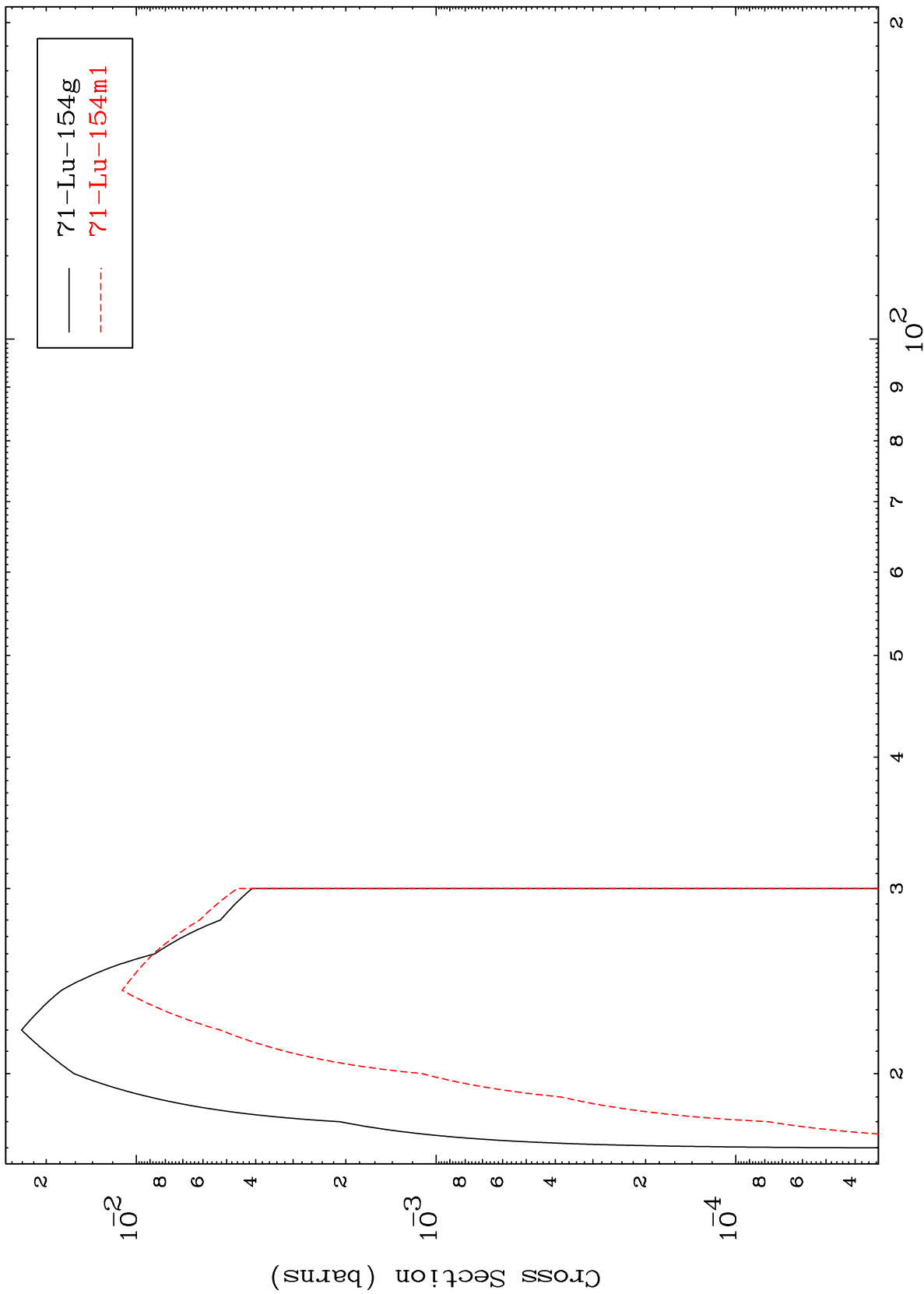
69-Tm-151

MAT 6872

69-Tm-151

Radionuclide Production Cross Section

α Inelastic

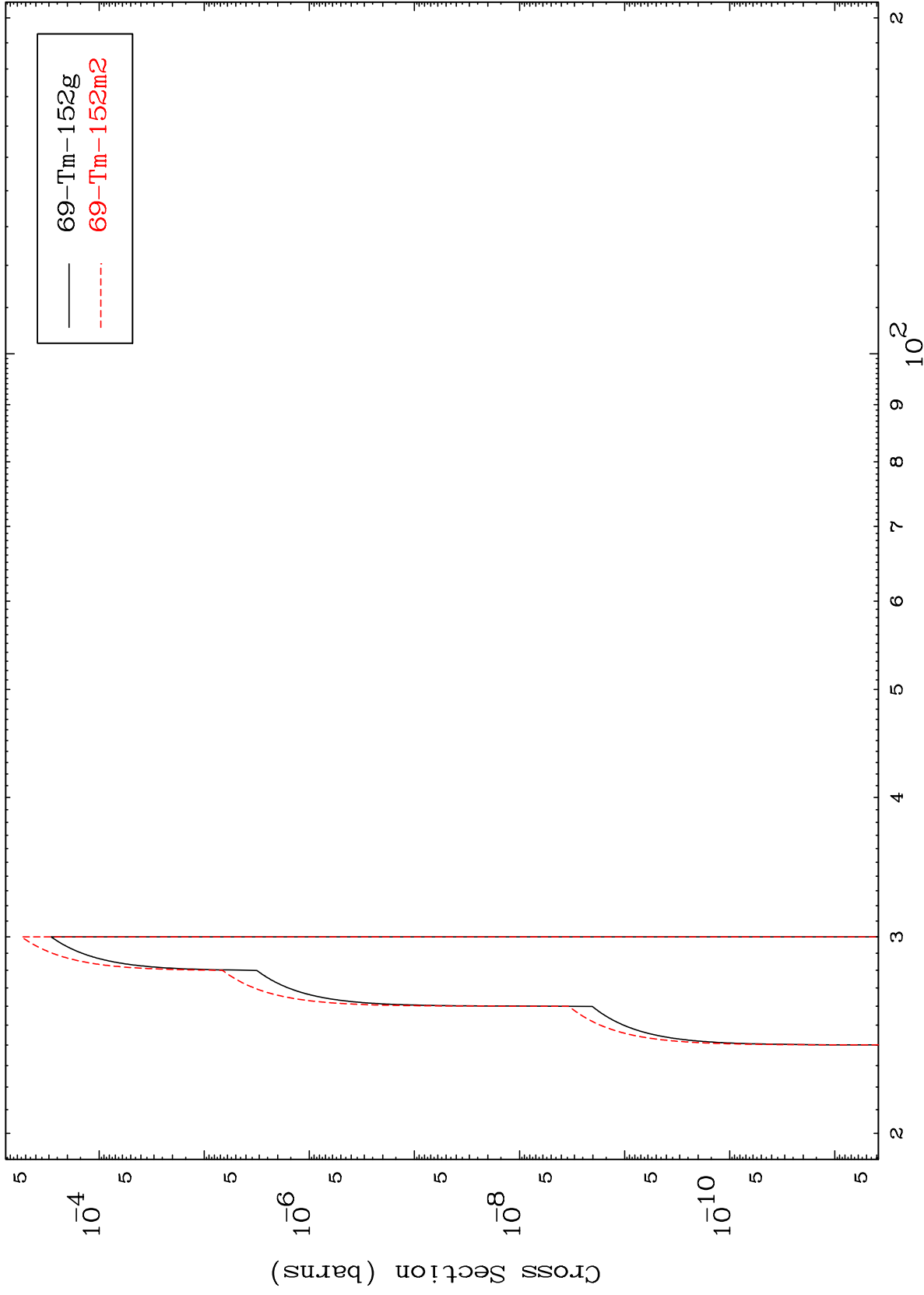


71-Lu-154g
71-Lu-154m1

MAT 6872

69-Tm-151

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



12

Incident Energy (MeV)

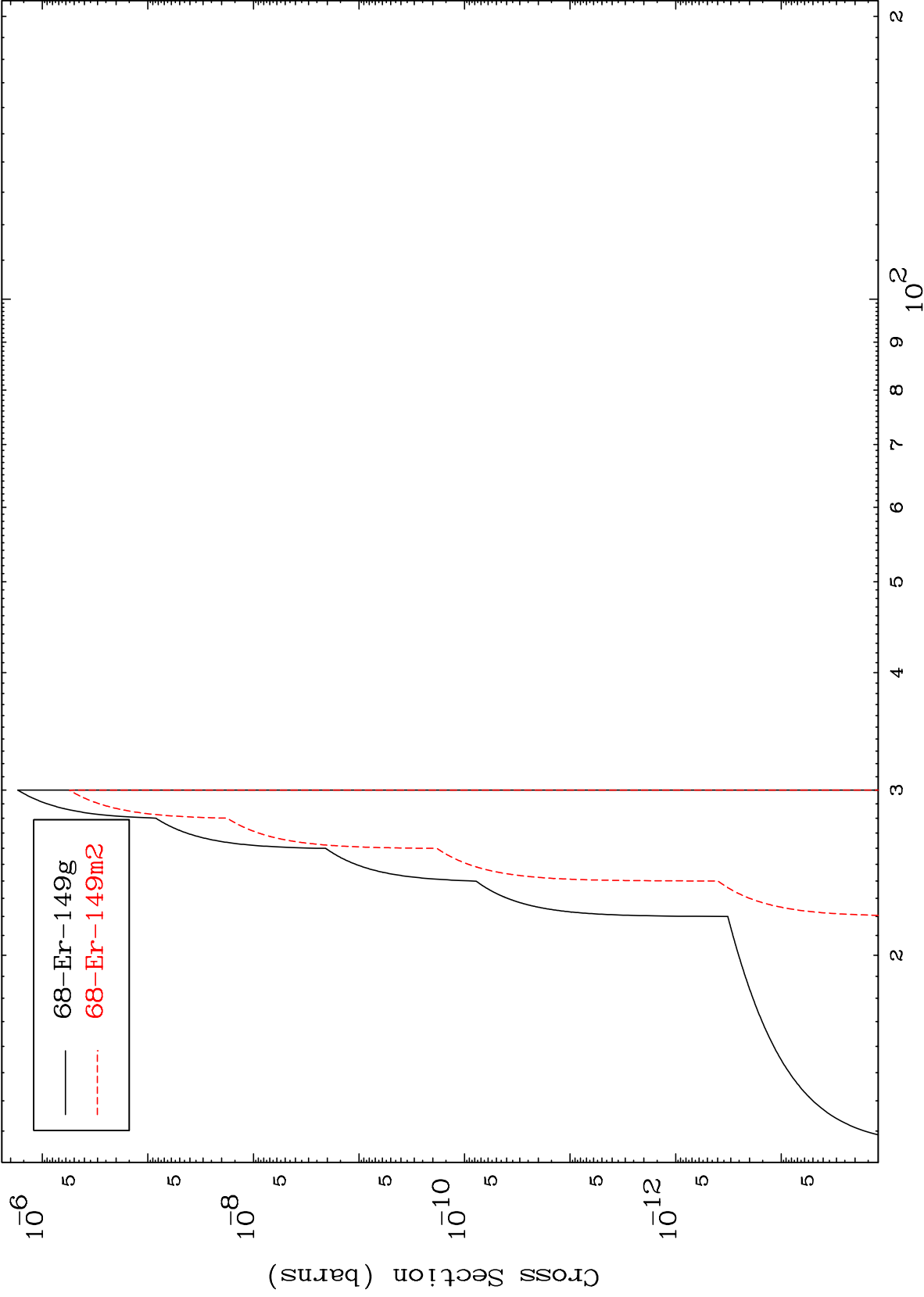
69-Tm-151

MAT 6872

(α, n') p α

69-Tm-151

Radionuclide Production Cross Section



13

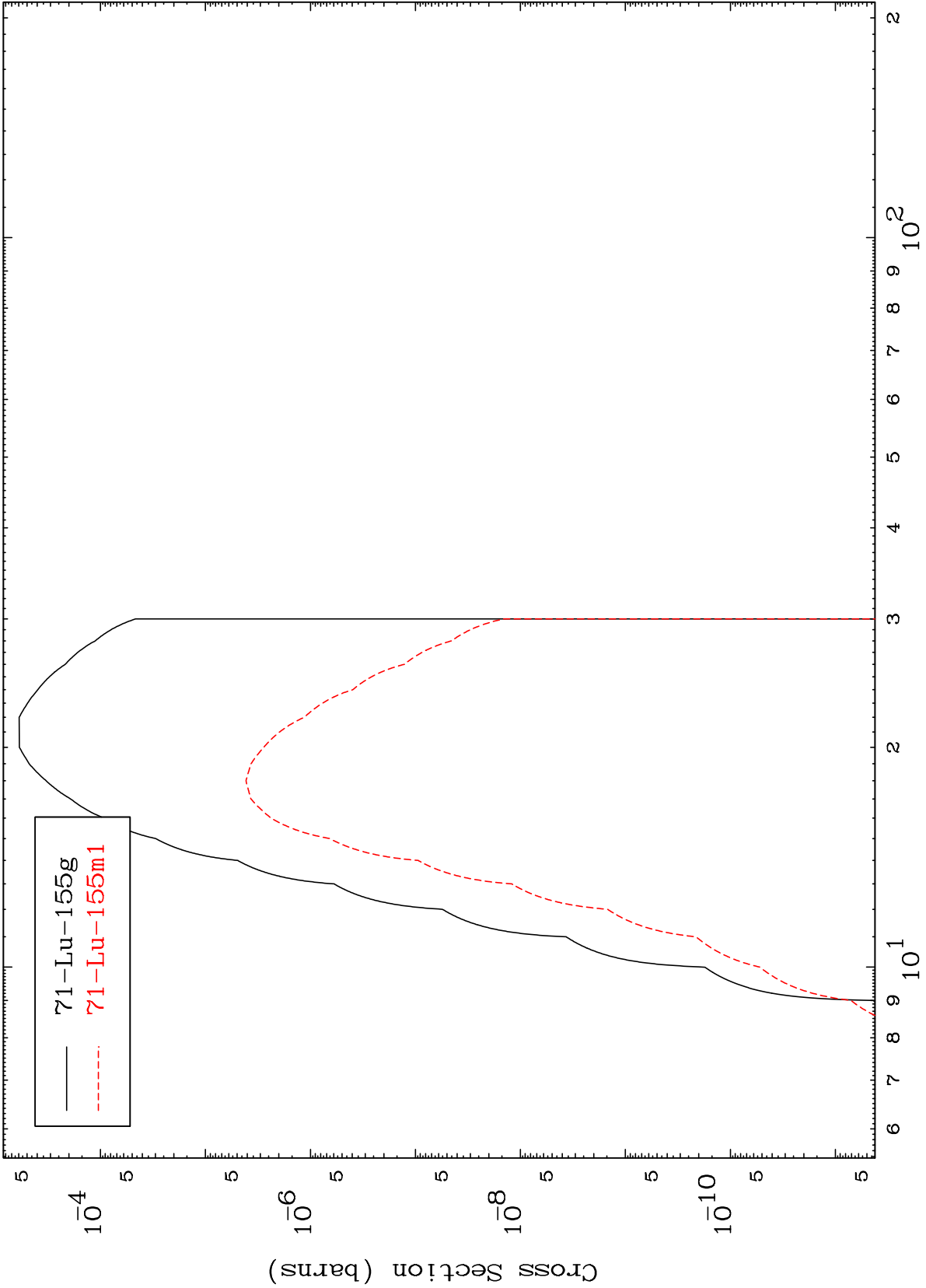
Incident Energy (MeV)

69-Tm-151

MAT 6872

69-Tm-151

(α, γ)
Radionuclide Production Cross Section



71-Lu-155g
71-Lu-155m1

14

Incident Energy (MeV)

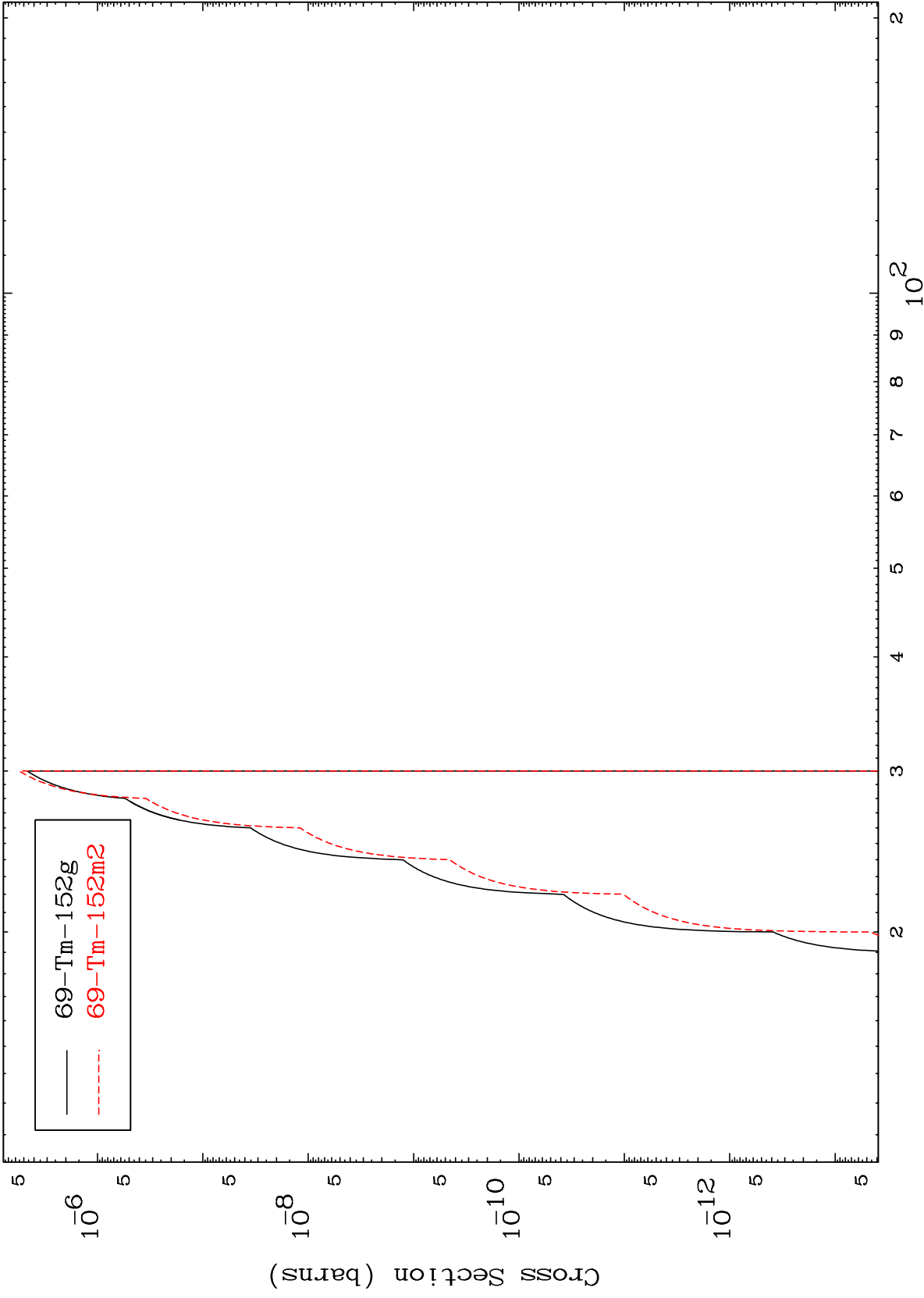
69-Tm-151

MAT 6872

(α ,He-3)

69-Tm-151

Radionuclide Production Cross Section



15

Incident Energy (MeV)

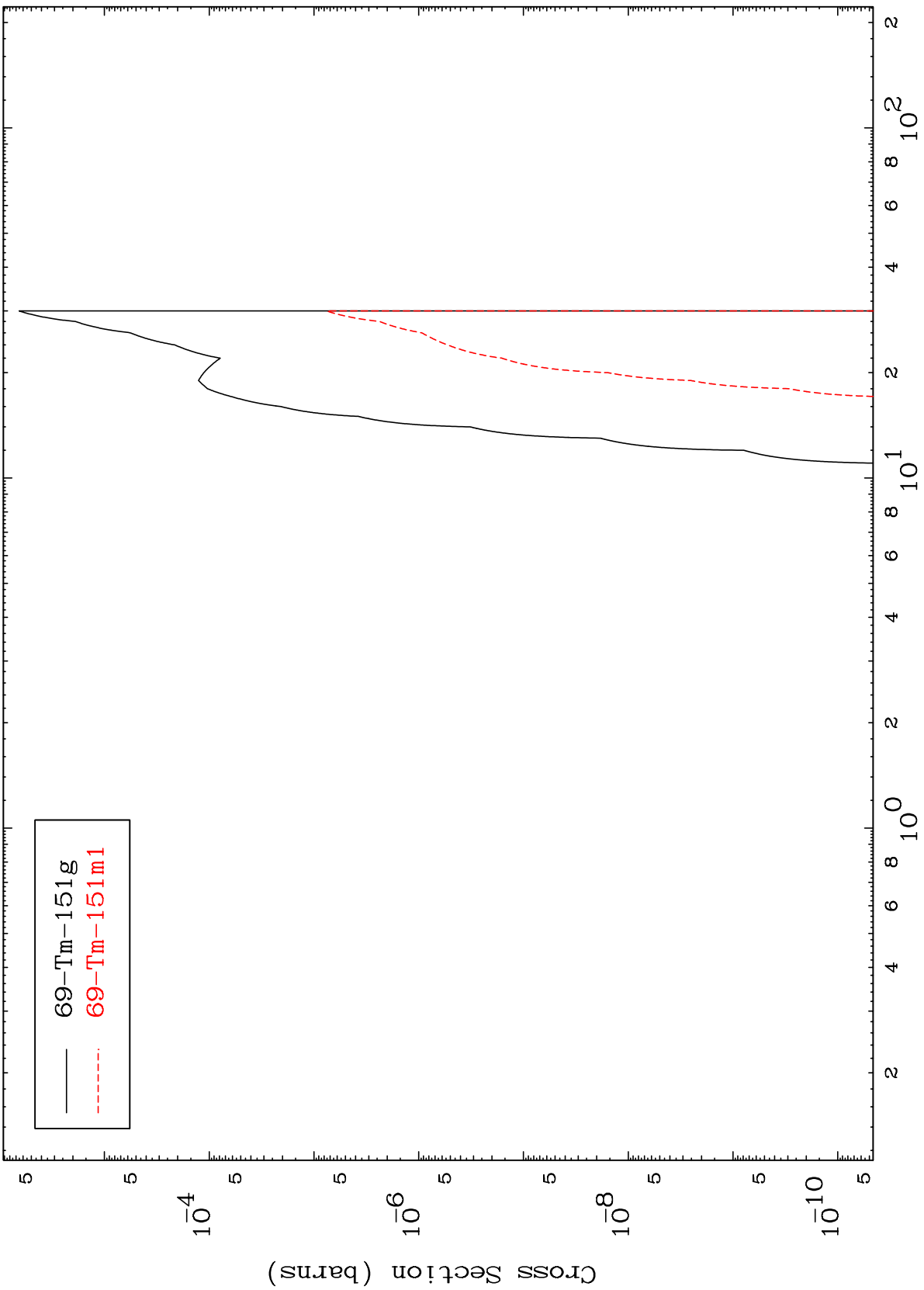
69-Tm-151

MAT 6872

(α, α)

69-Tm-151

Radionuclide Production Cross Section

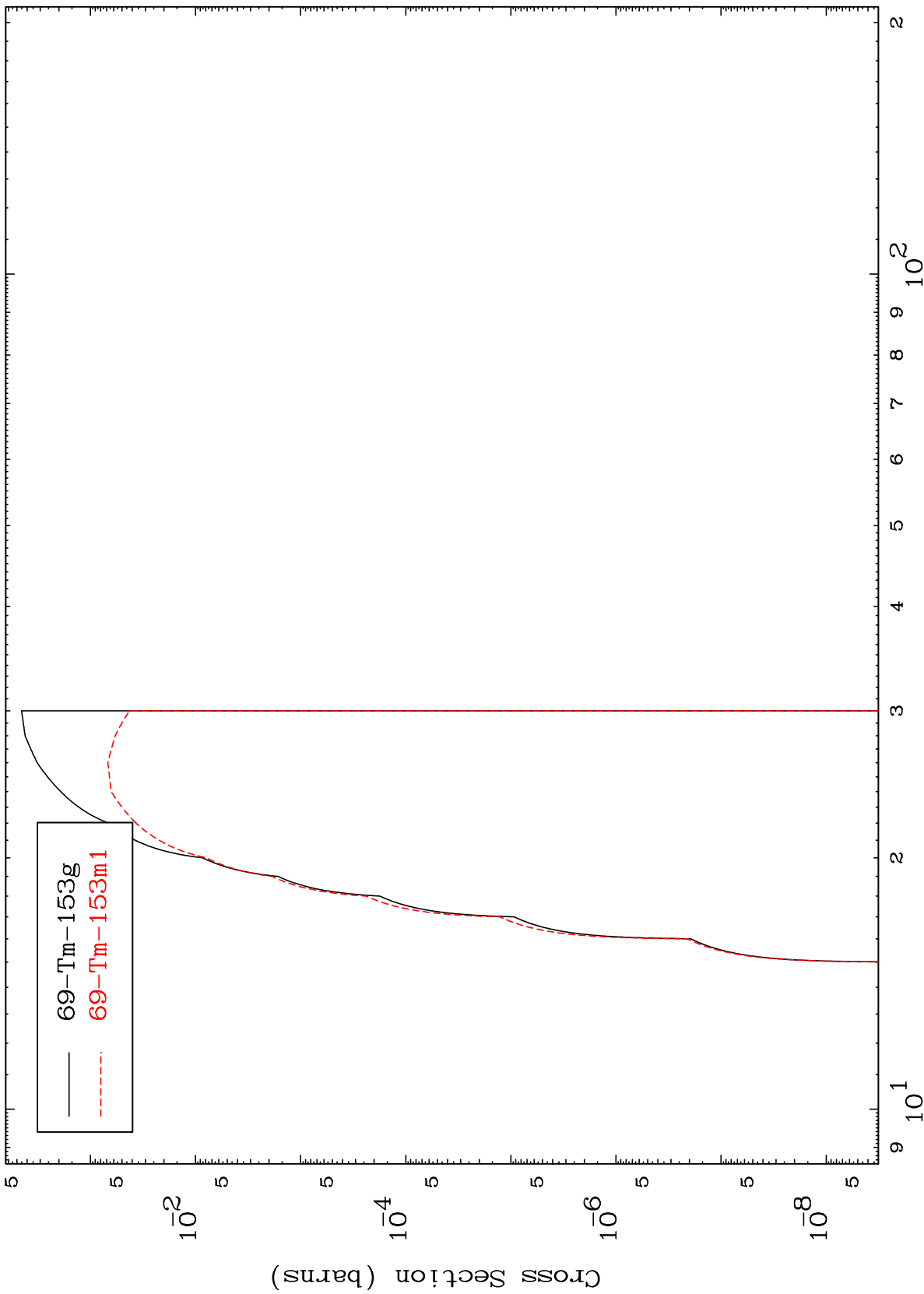


69-Tm-151g
69-Tm-151m1

MAT 6872

69-Tm-151

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

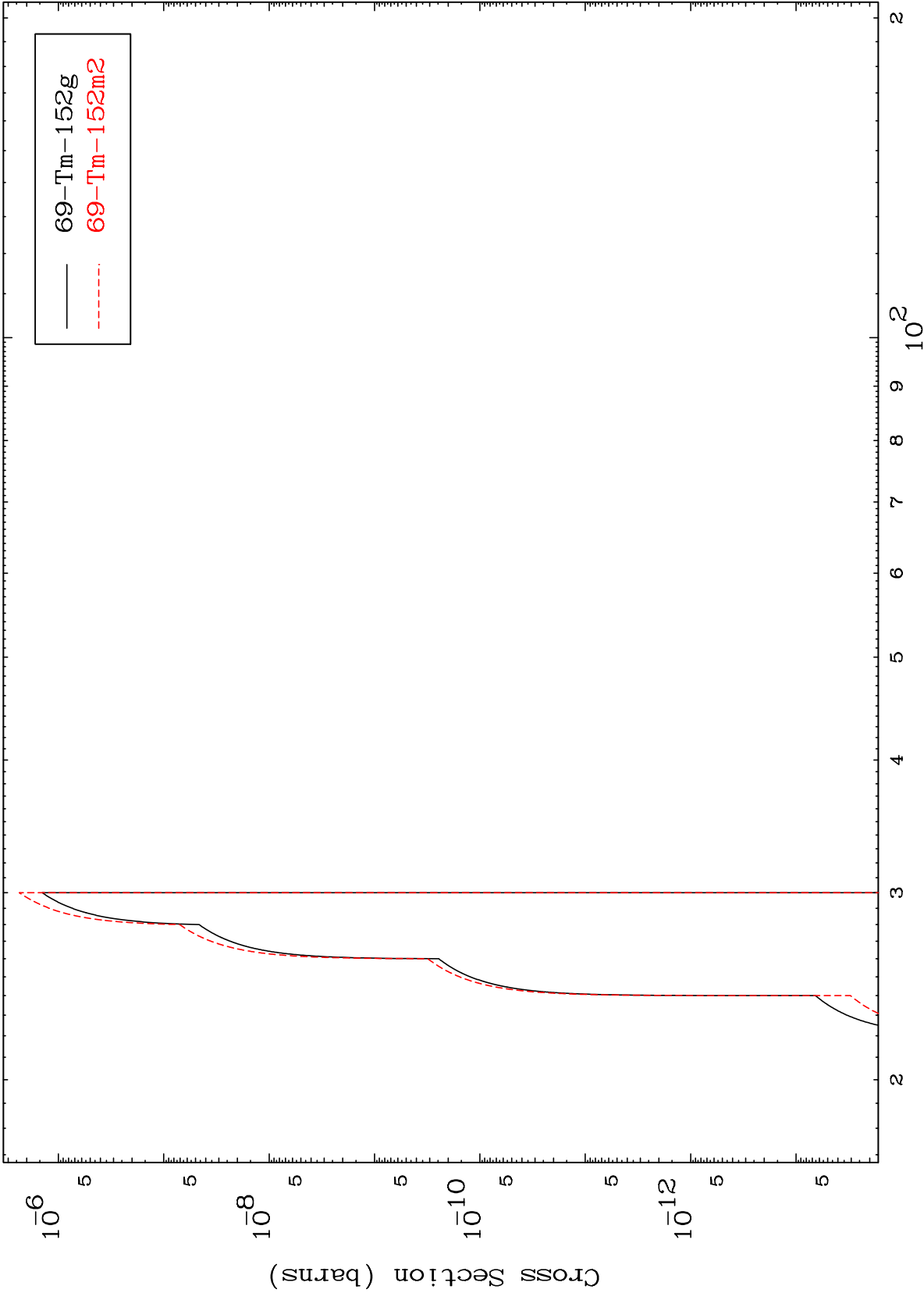


17

Incident Energy (MeV)

69-Tm-151

Radionuclide Production Cross Section

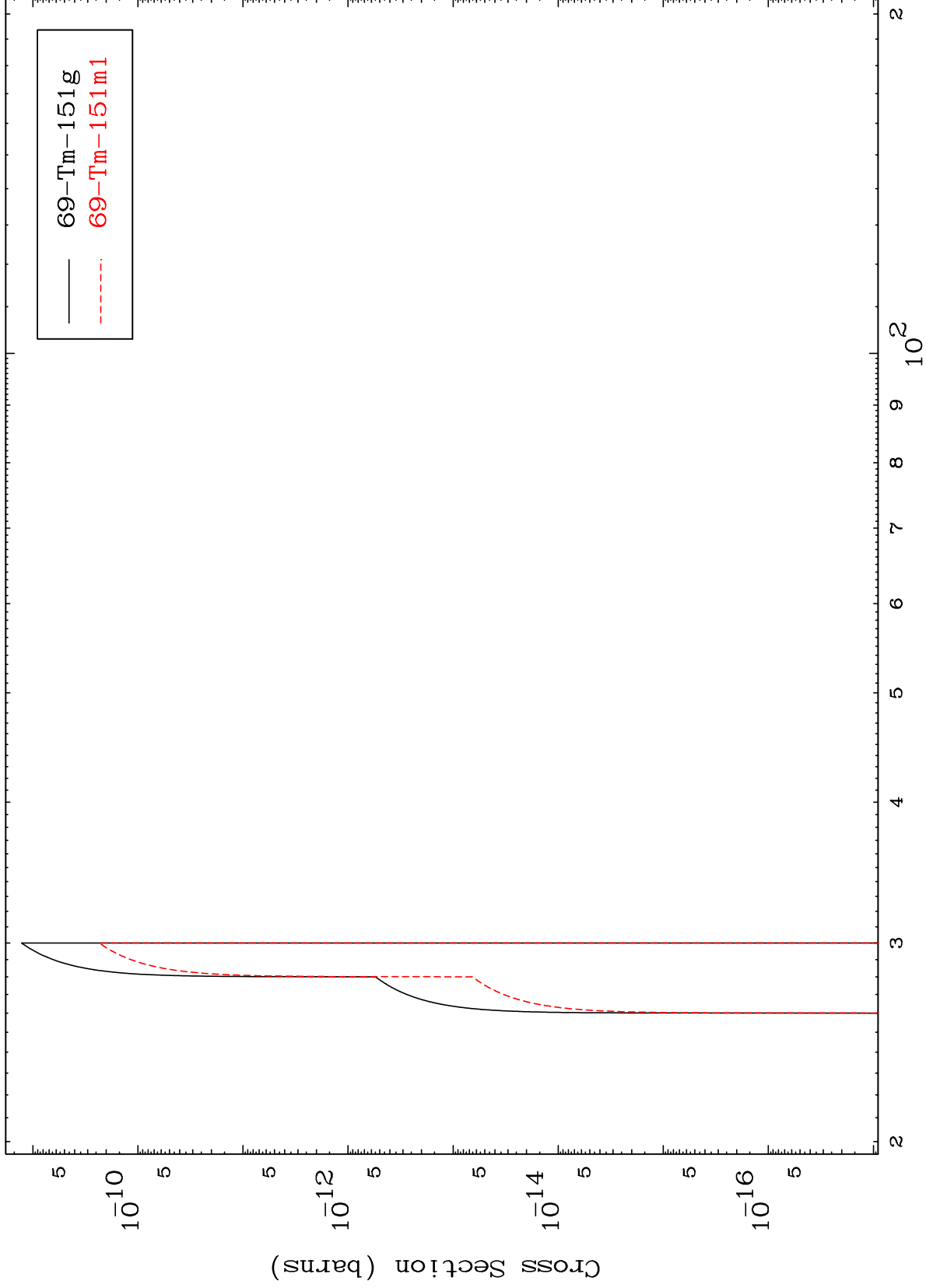


MAT 6872

(α, p) t

69-Tm-151

Radionuclide Production Cross Section



19

Incident Energy (MeV)

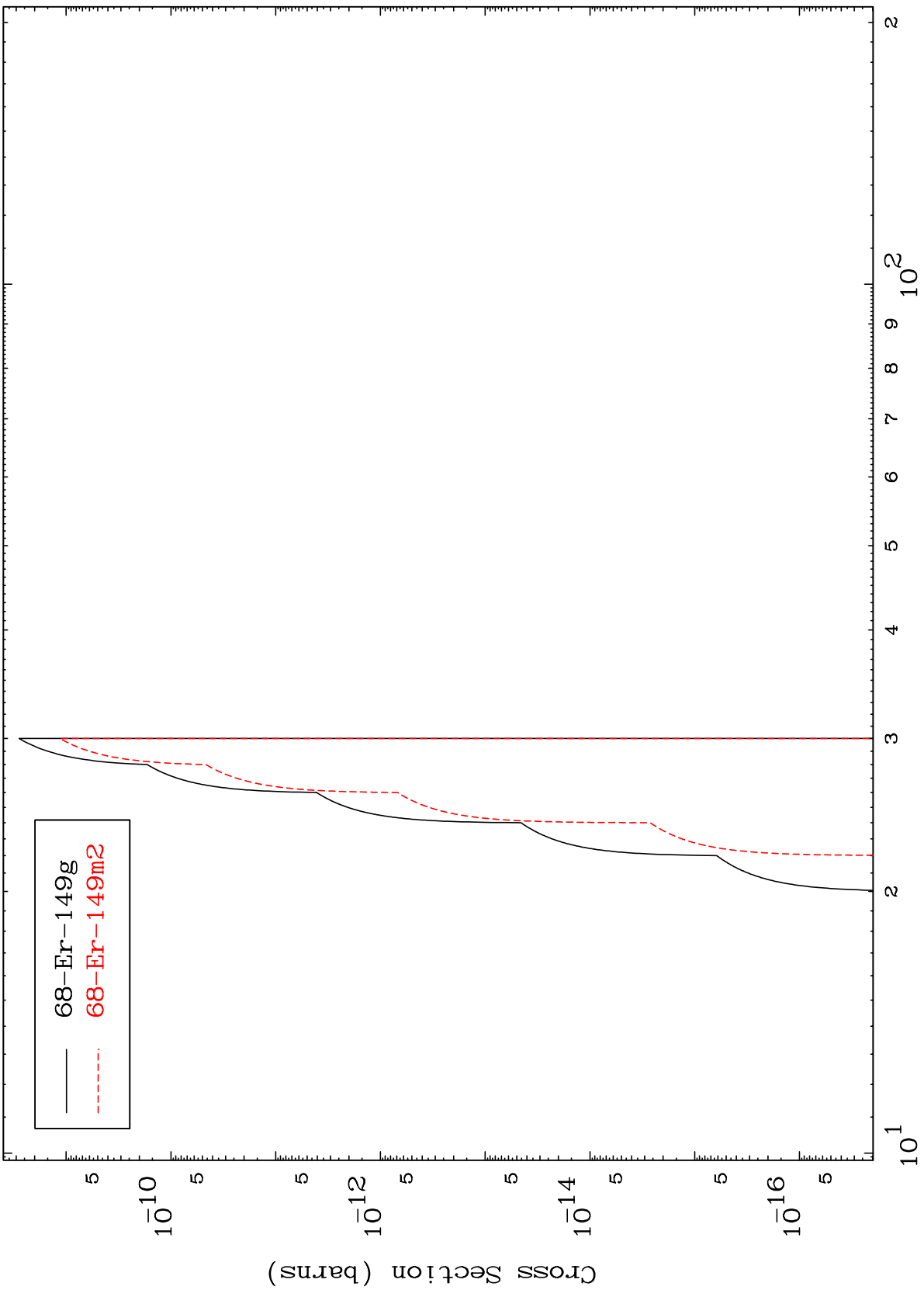
69-Tm-151

MAT 6872

(α, d) α

69-Tm-151

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-151