

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

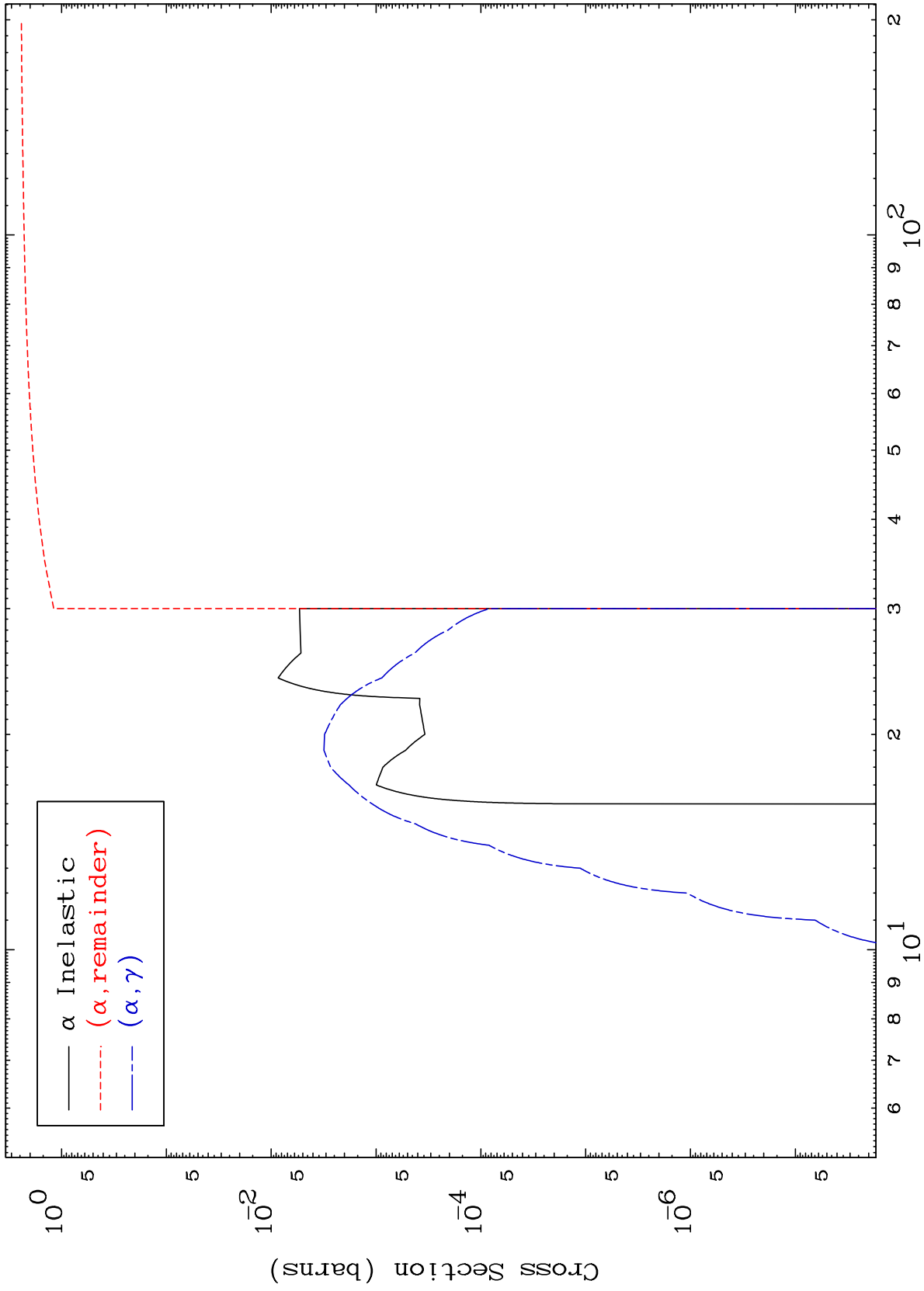
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6677

0 Kelvin α Major
Cross Sections

67-Ho-149



1

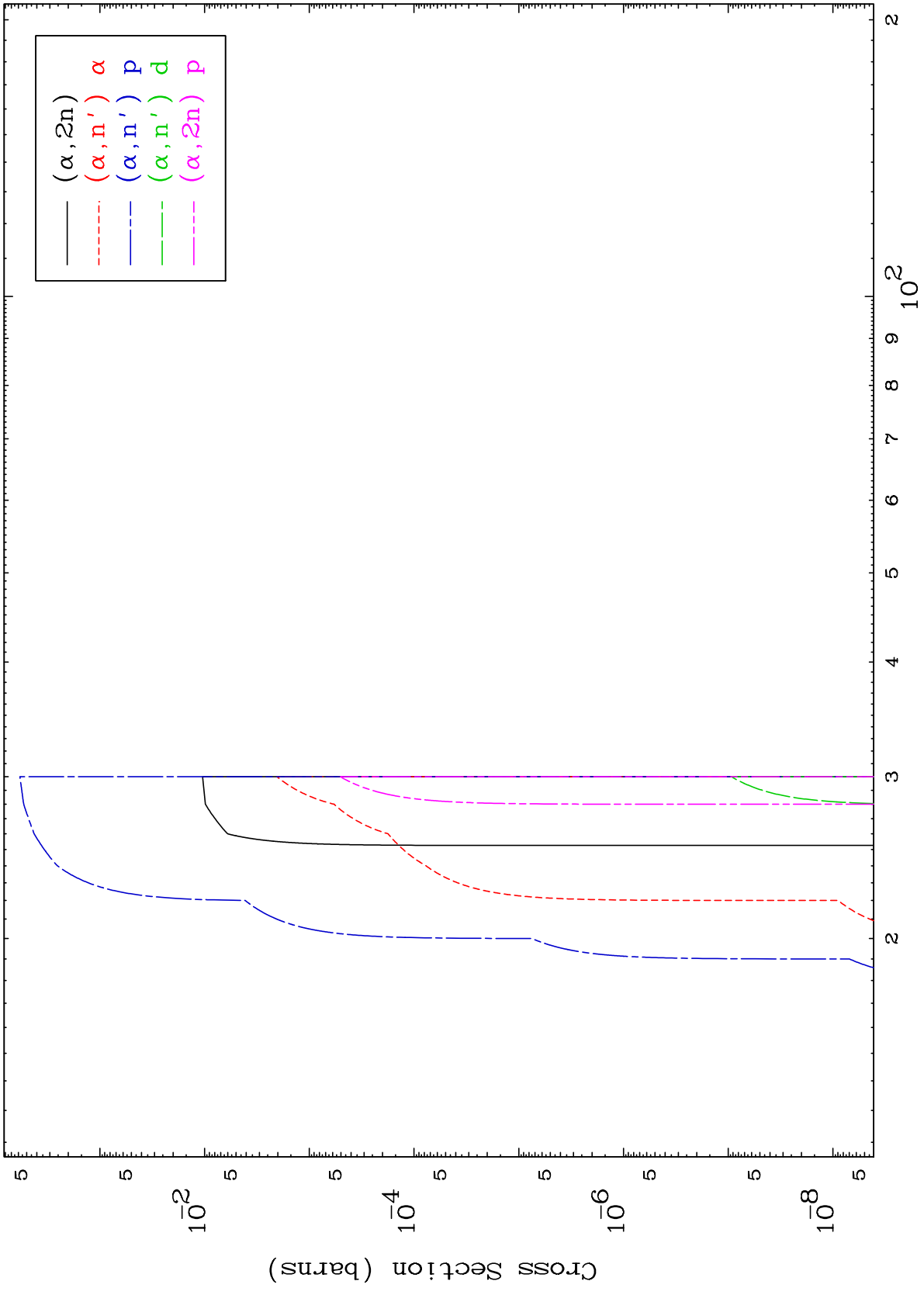
Incident Energy (MeV)

67-Ho-149

MAT 6677

α Neutron Production
0 Kelvin Cross Sections

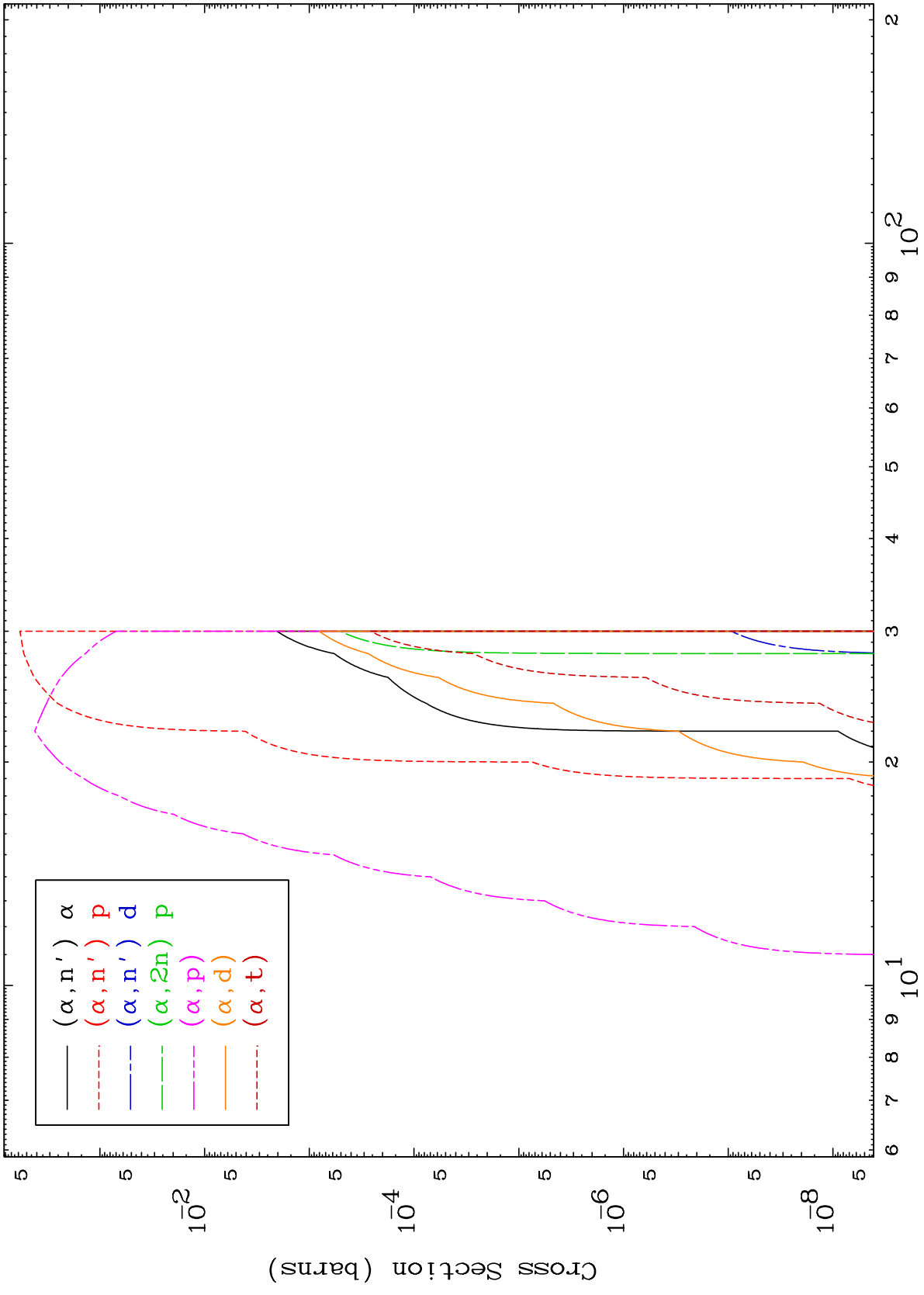
67-Ho-149



2

Incident Energy (MeV)

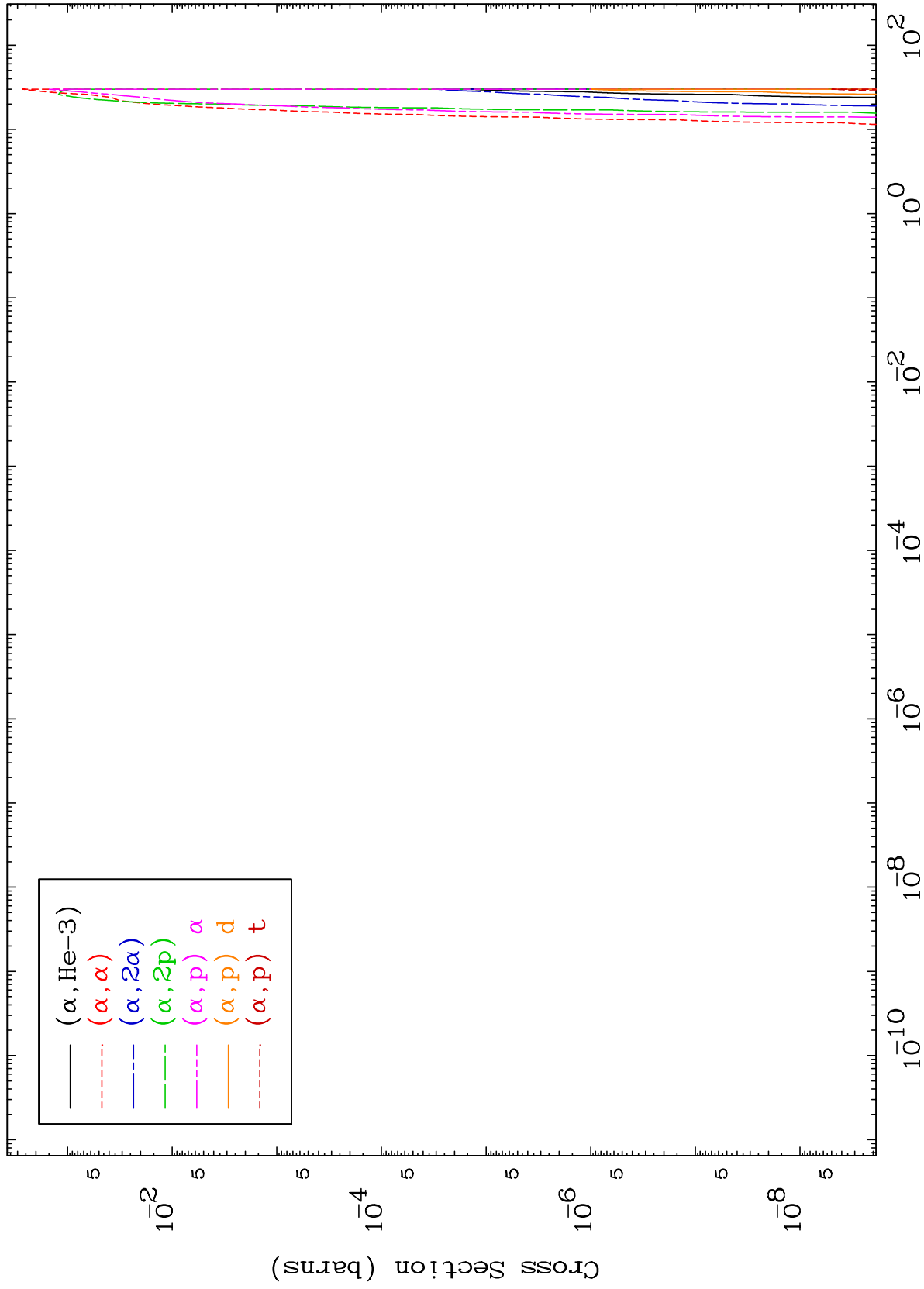
67-Ho-149



MAT 6677

α Charged Particle
0 Kelvin Cross Sections

67-Ho-149



4

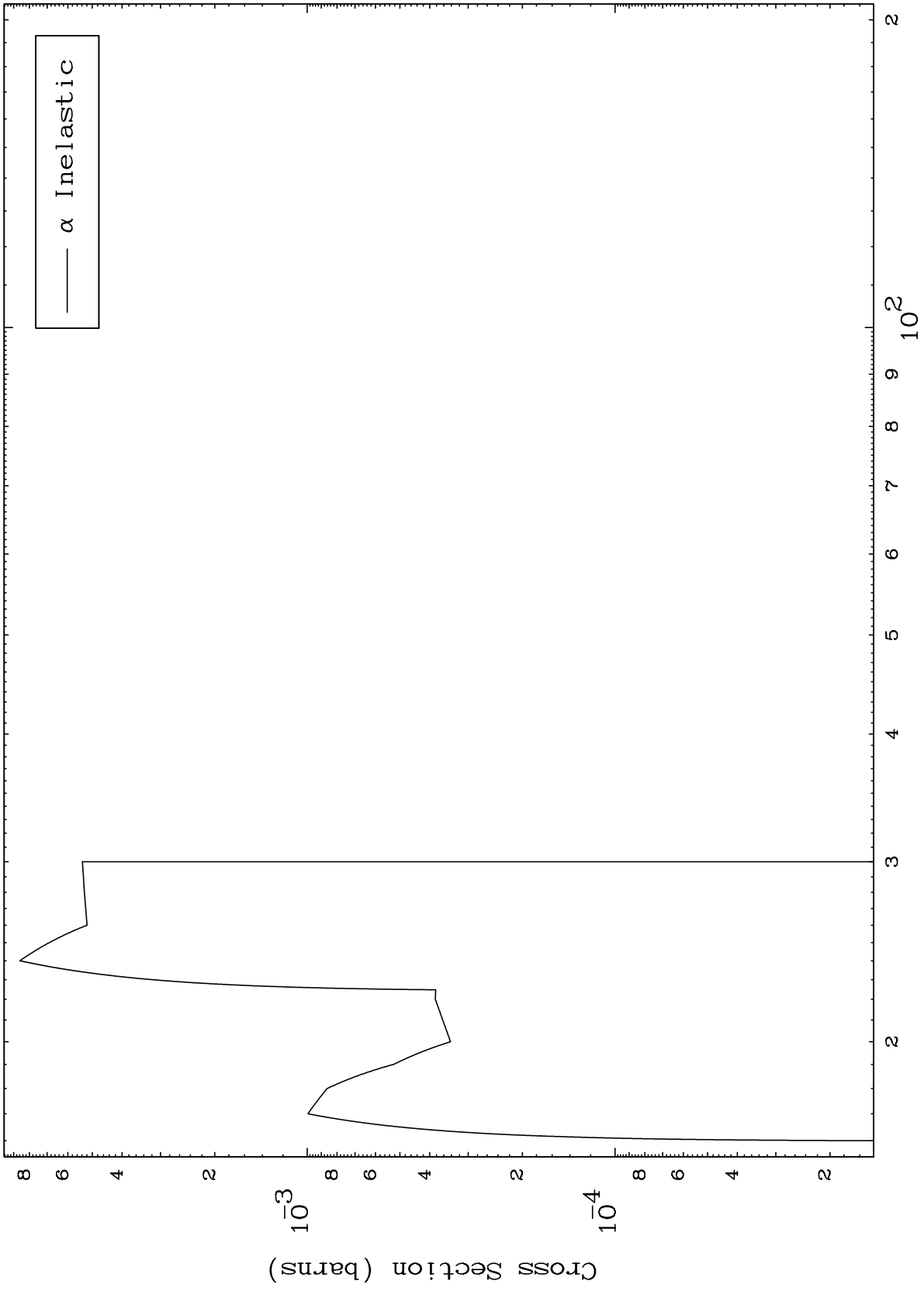
Incident Energy (MeV)

67-Ho-149

MAT 6677

(α, n') Level
0 Kelvin Cross Sections

67-Ho-149



5

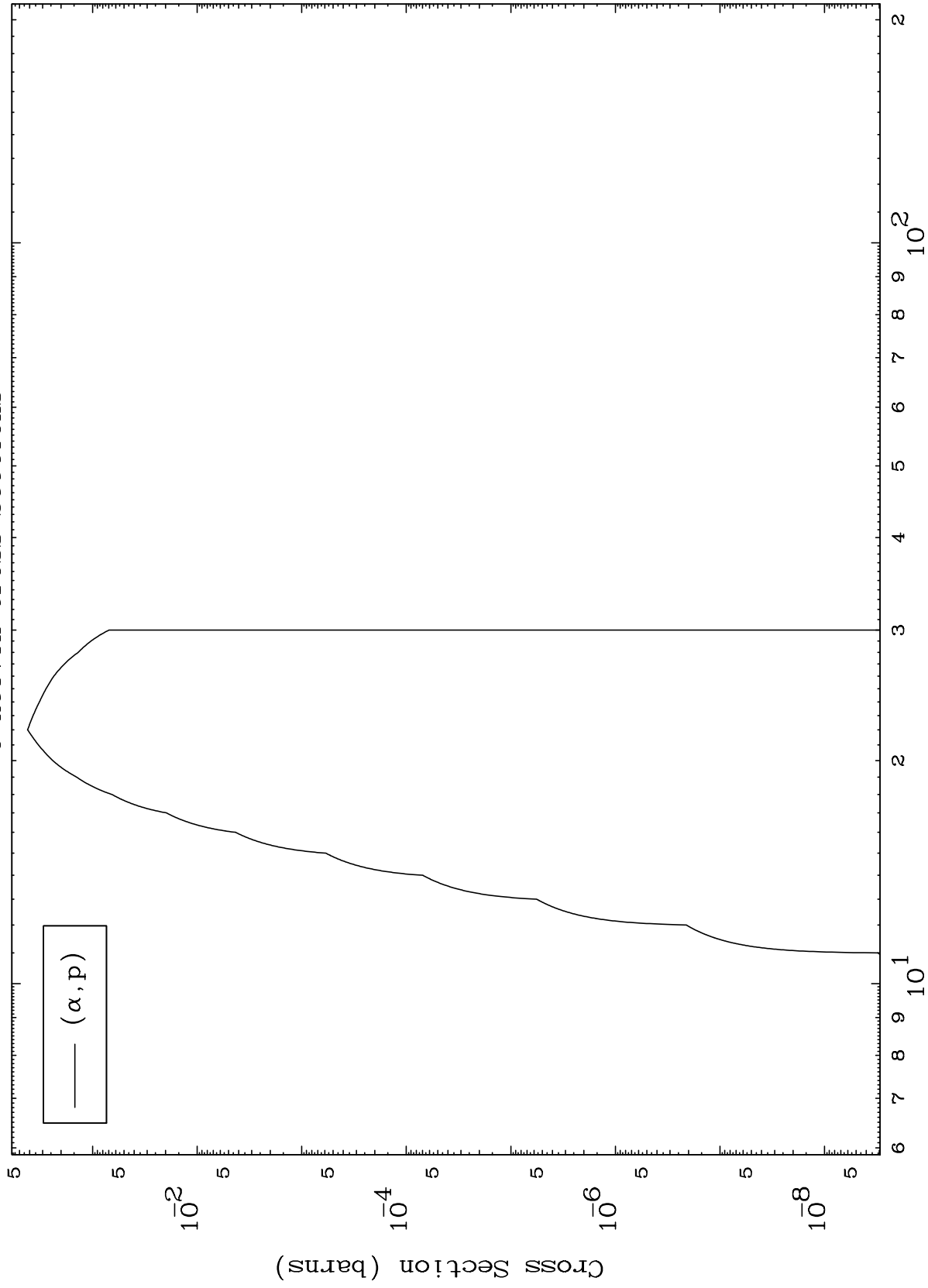
Incident Energy (MeV)

67-Ho-149

MAT 6677

(α, p) Levels
0 Kelvin Cross Sections

67-Ho-149



6

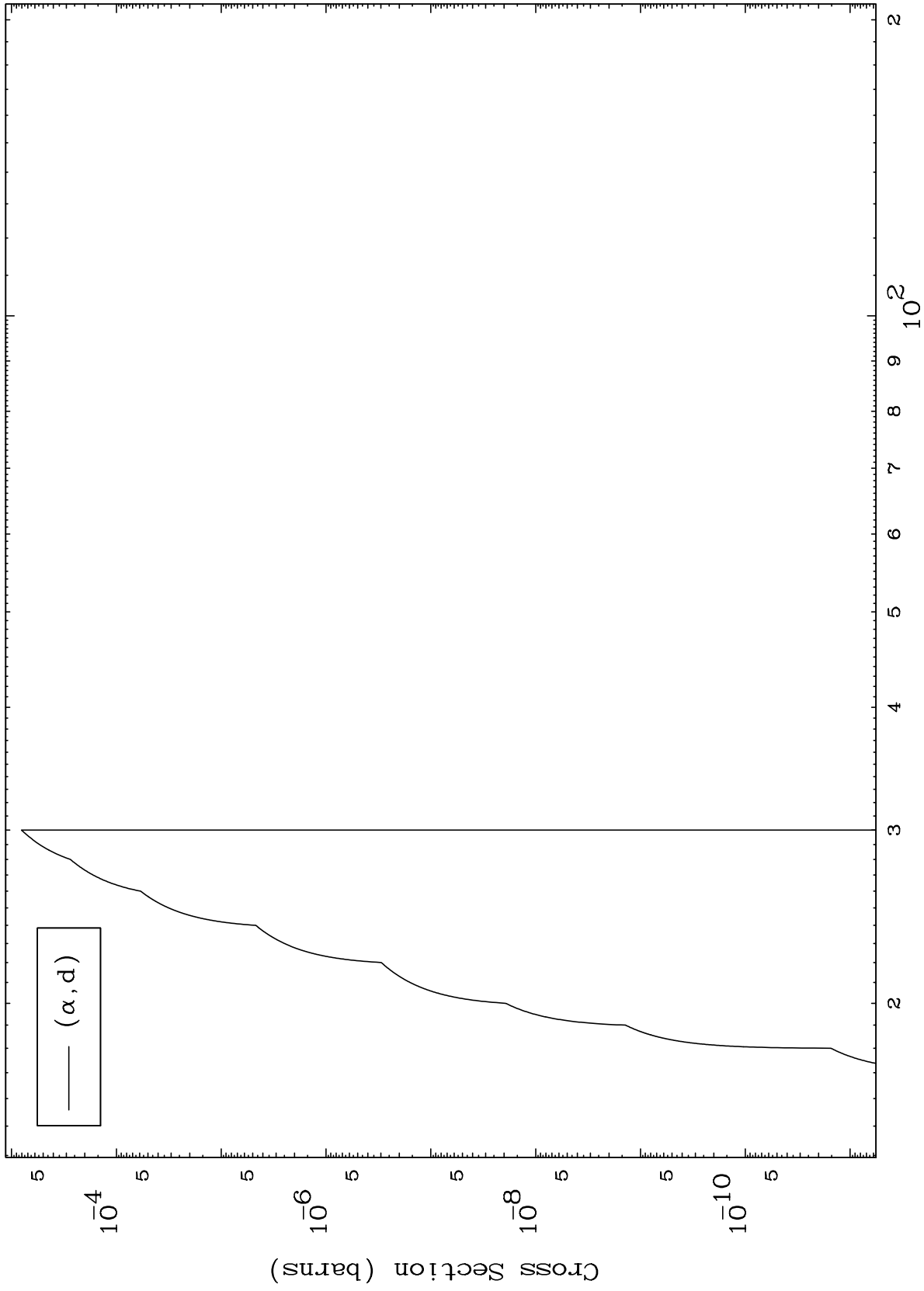
Incident Energy (MeV)

67-Ho-149

MAT 6677

(α, d) Levels
0 Kelvin Cross Sections

67-Ho-149



7

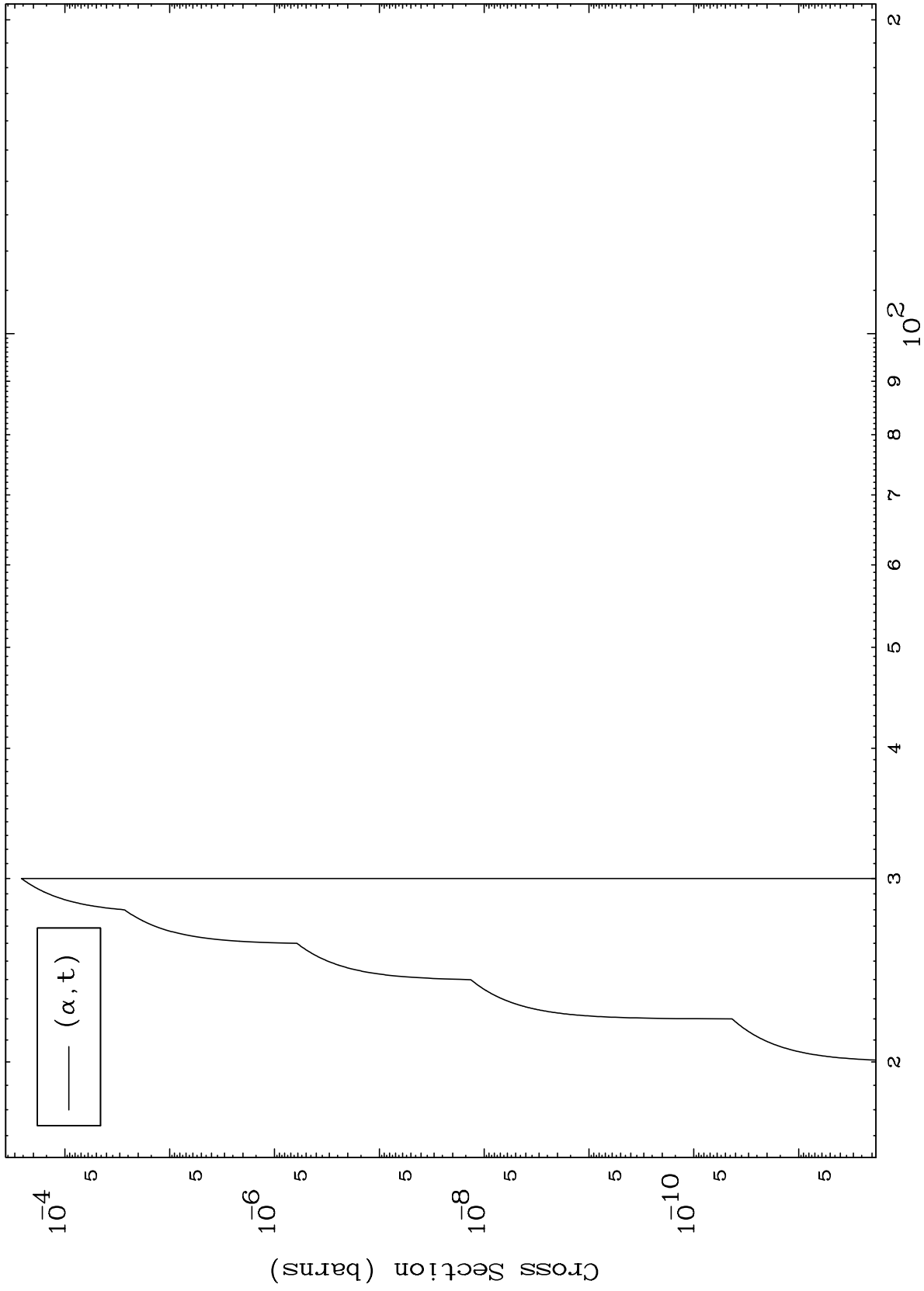
Incident Energy (MeV)

67-Ho-149

MAT 6677

(α, t) Levels
0 Kelvin Cross Sections

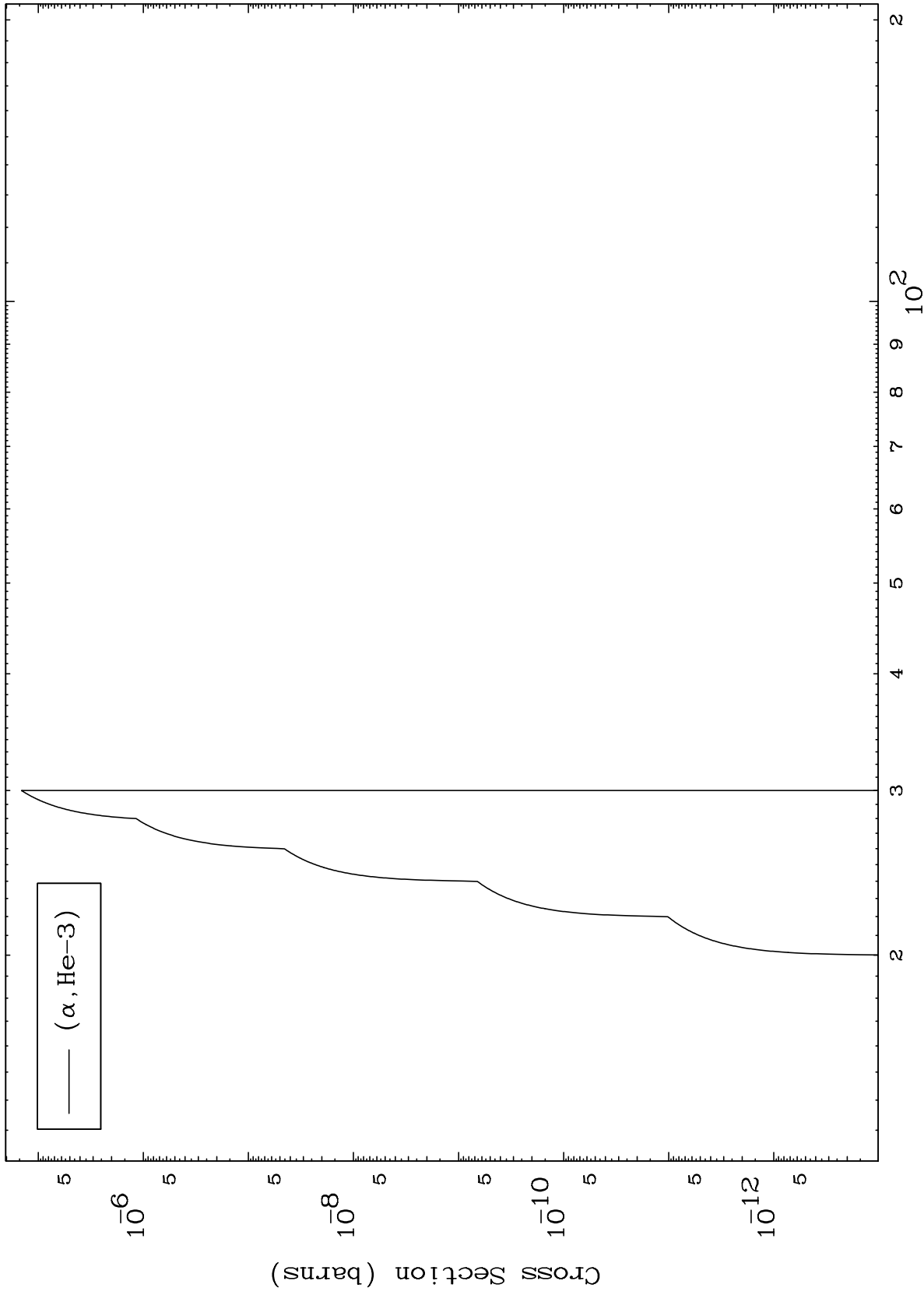
67-Ho-149



8

Incident Energy (MeV)

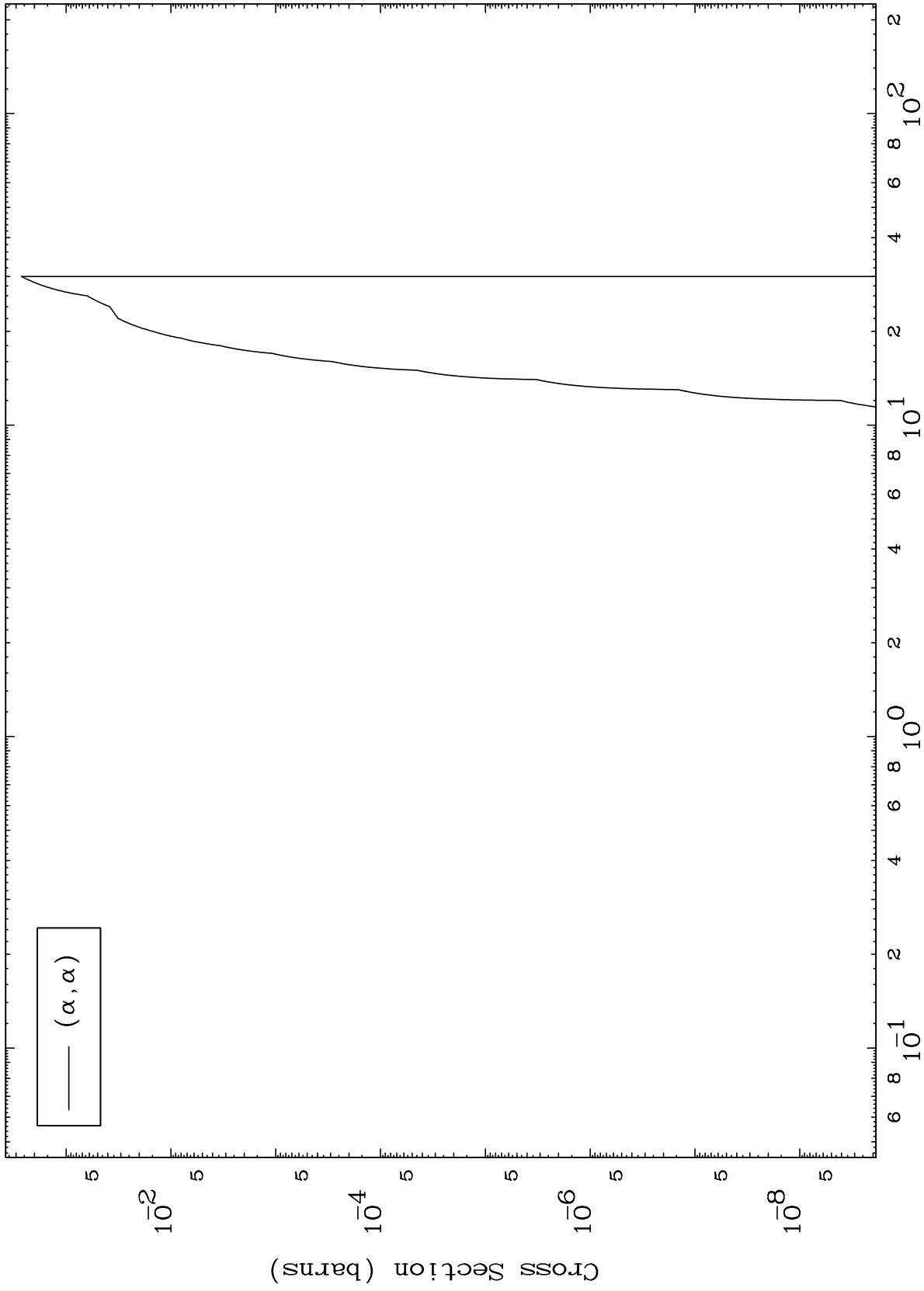
67-Ho-149



MAT 6677

(α, α) Levels
0 Kelvin Cross Sections

67-Ho-149



10

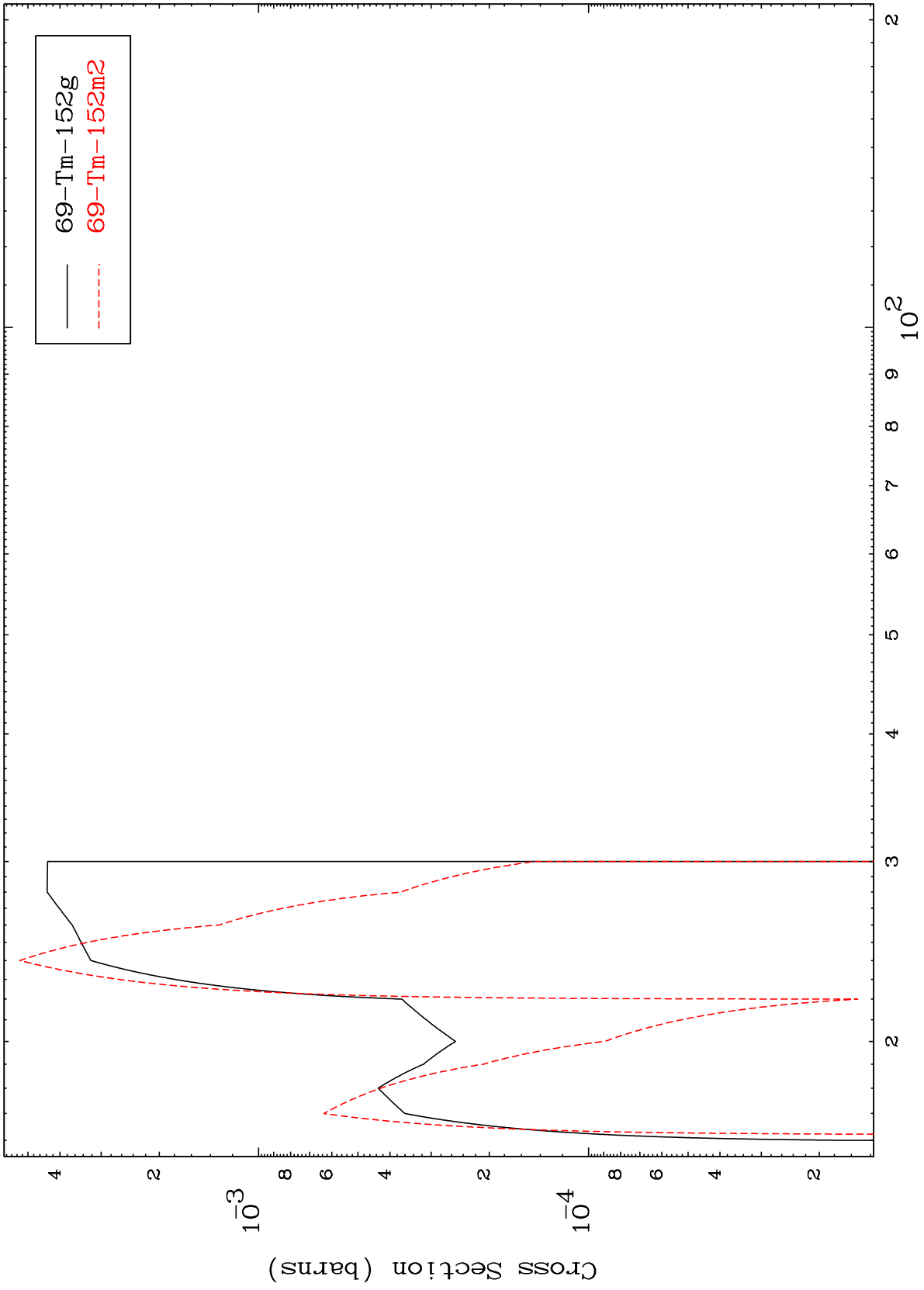
Incident Energy (MeV)

67-Ho-149

MAT 6677

α Inelastic
Radionuclide Production Cross Section

67-Ho-149



11

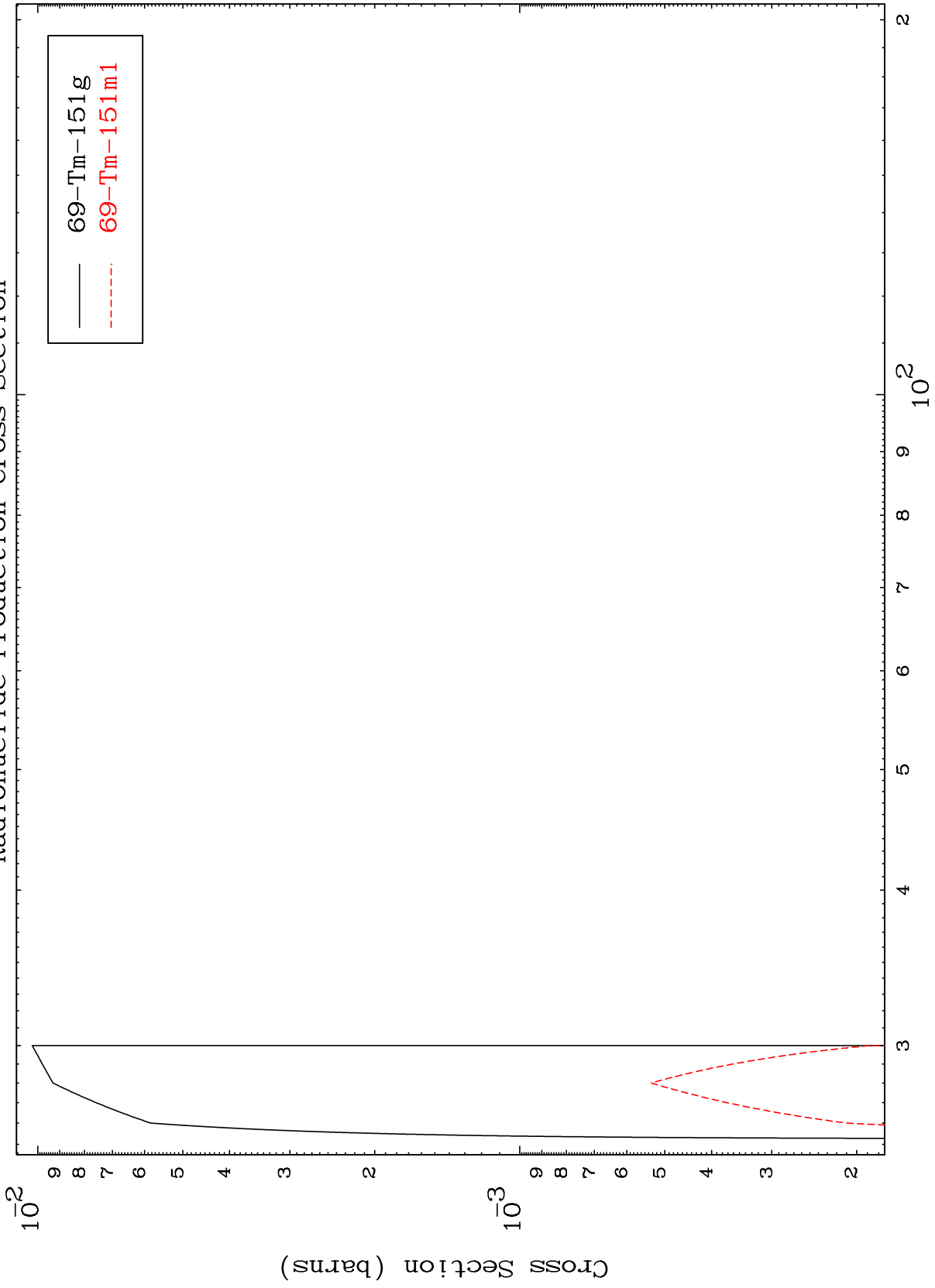
Incident Energy (MeV)

67-Ho-149

MAT 6677

67-Ho-149

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



12

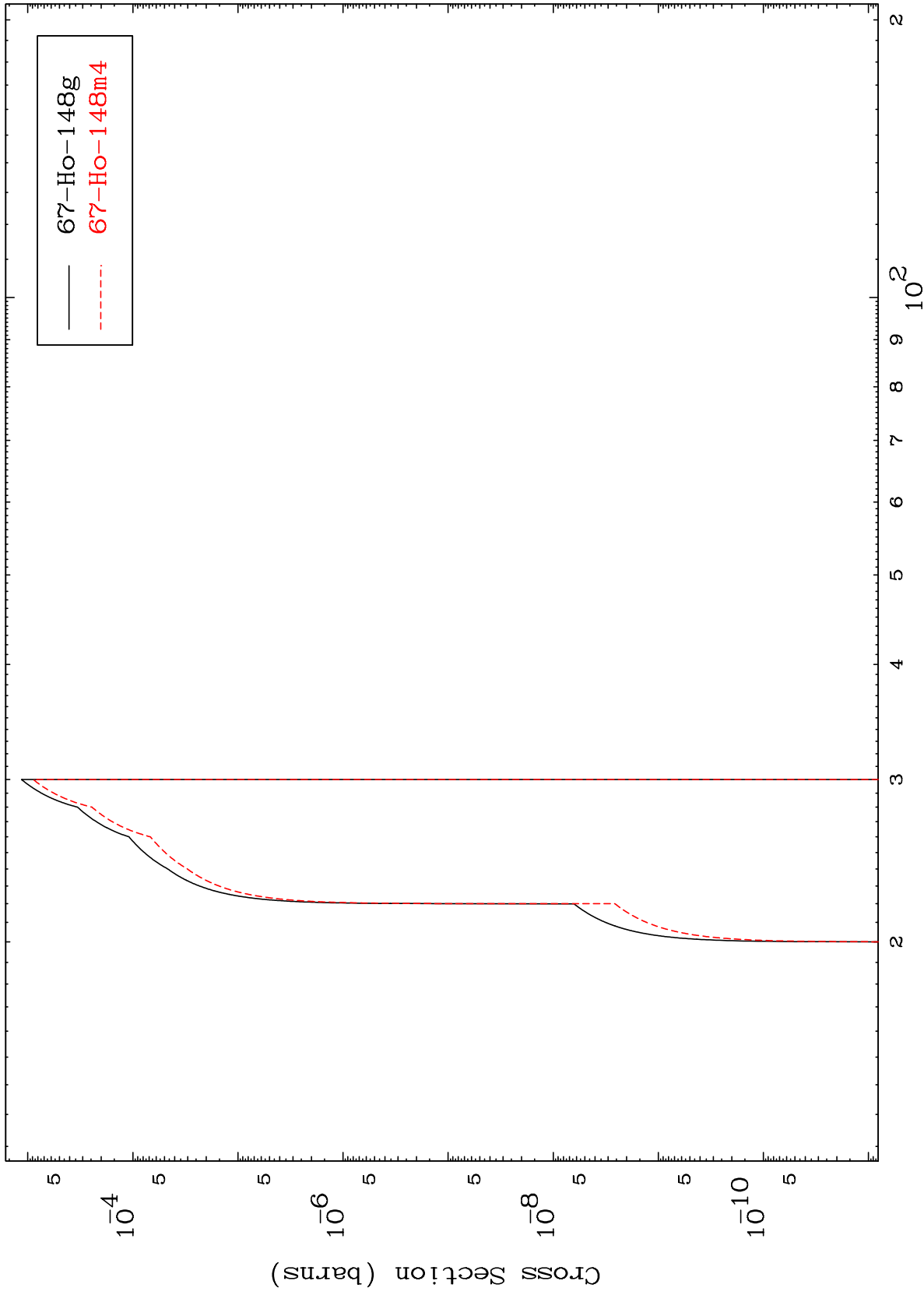
Incident Energy (MeV)

67-Ho-149

MAT 6677

67-Ho-149

(α, n') α
Radionuclide Production Cross Section



13

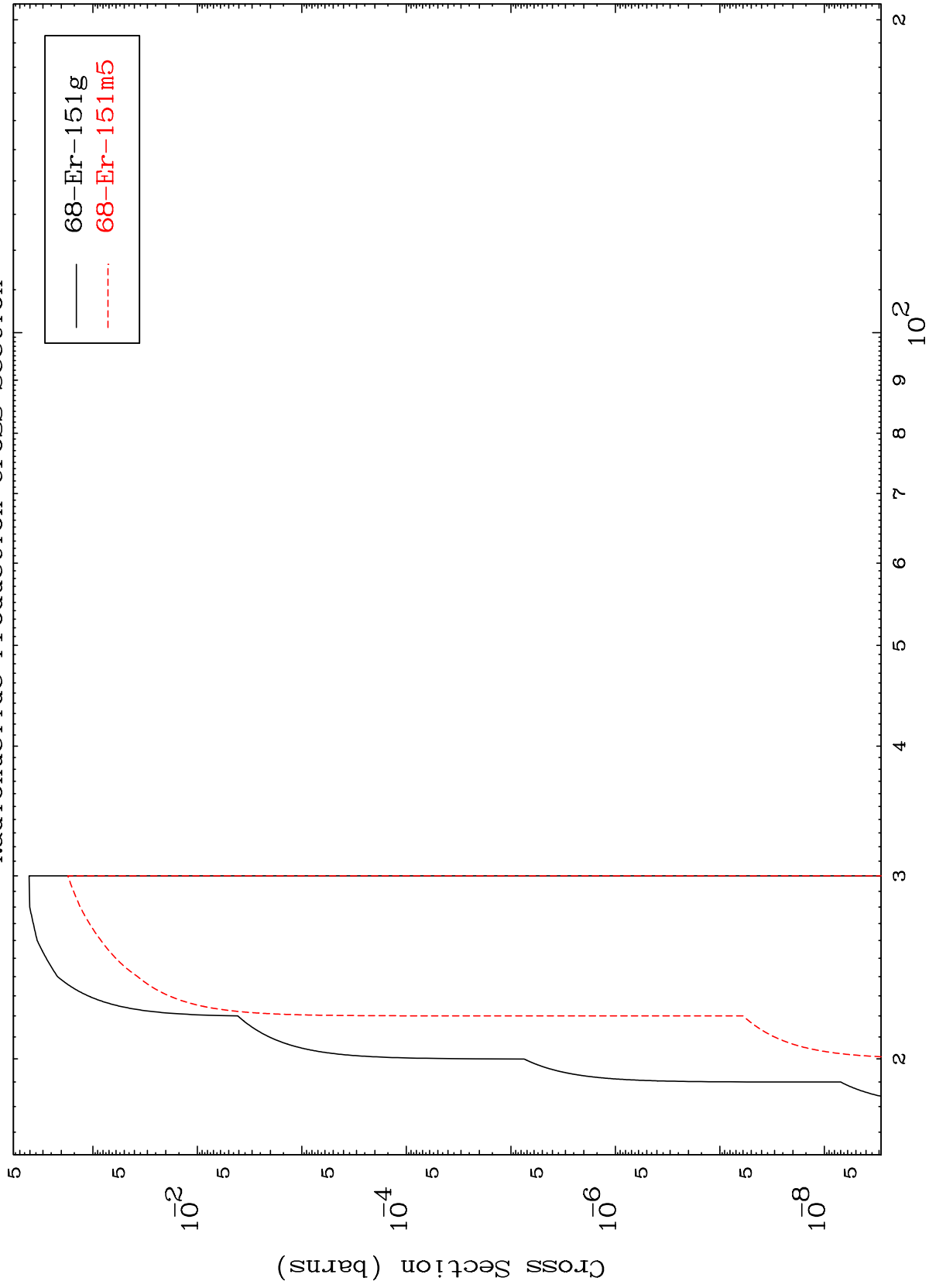
67-Ho-149

MAT 6677

(α, n') p

67-Ho-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

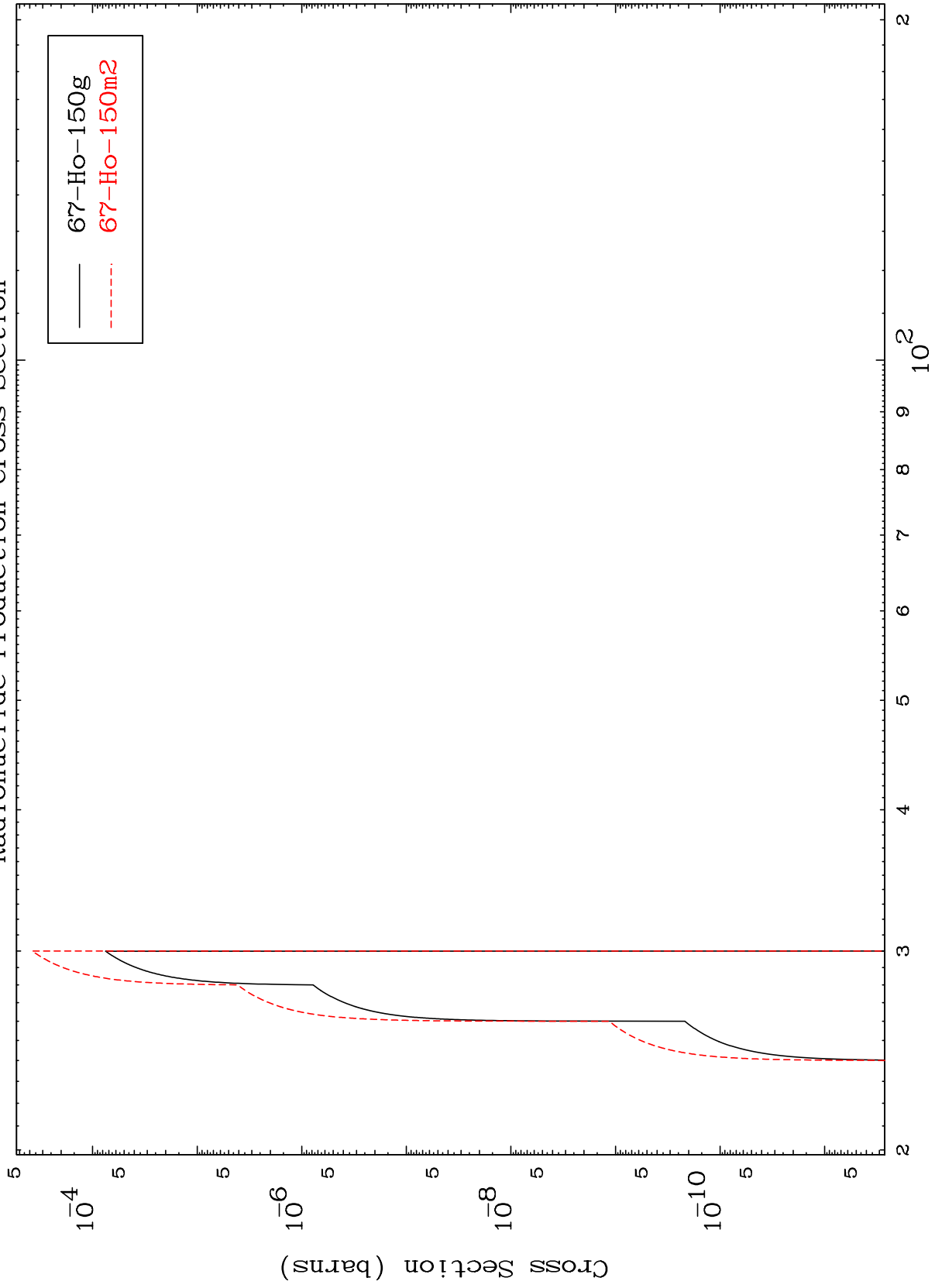
67-Ho-149

MAT 6677

($\alpha, 2n$) p

67-Ho-149

Radionuclide Production Cross Section



15

Incident Energy (MeV)

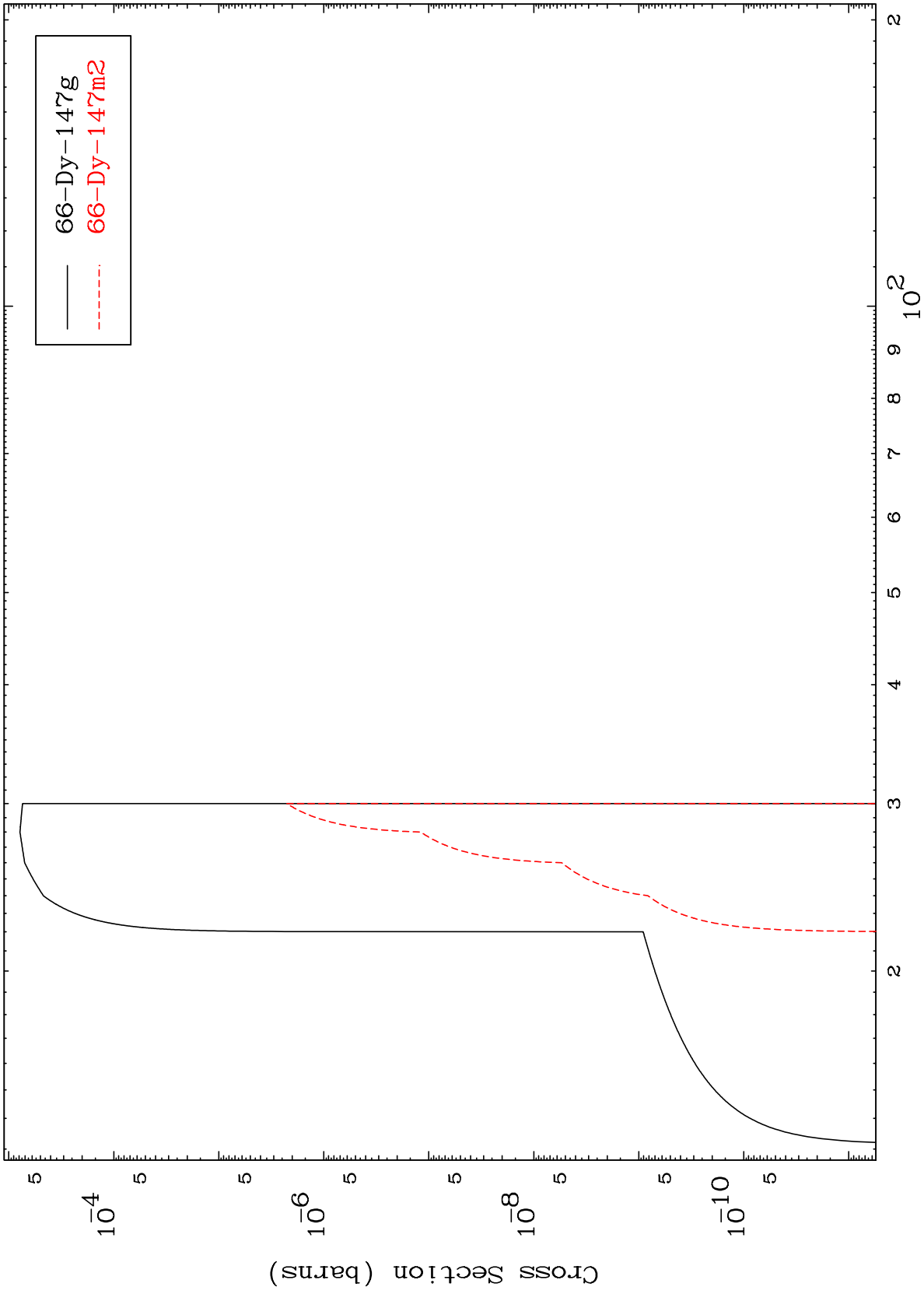
67-Ho-149

MAT 6677

(α, n') p α

67-Ho-149

Radionuclide Production Cross Section



16

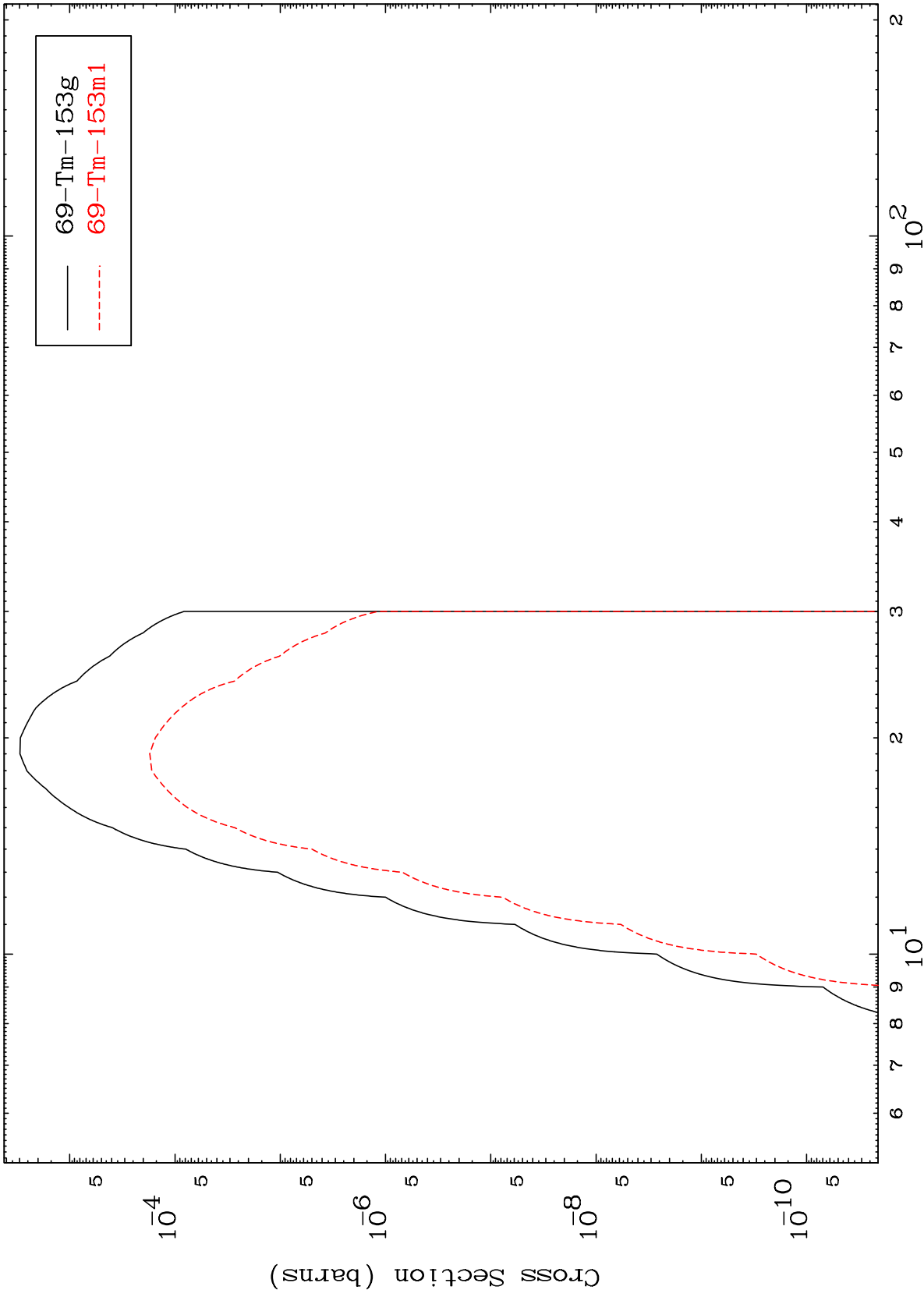
Incident Energy (MeV)

67-Ho-149

MAT 6677

67-Ho-149

(α, γ)
Radionuclide Production Cross Section

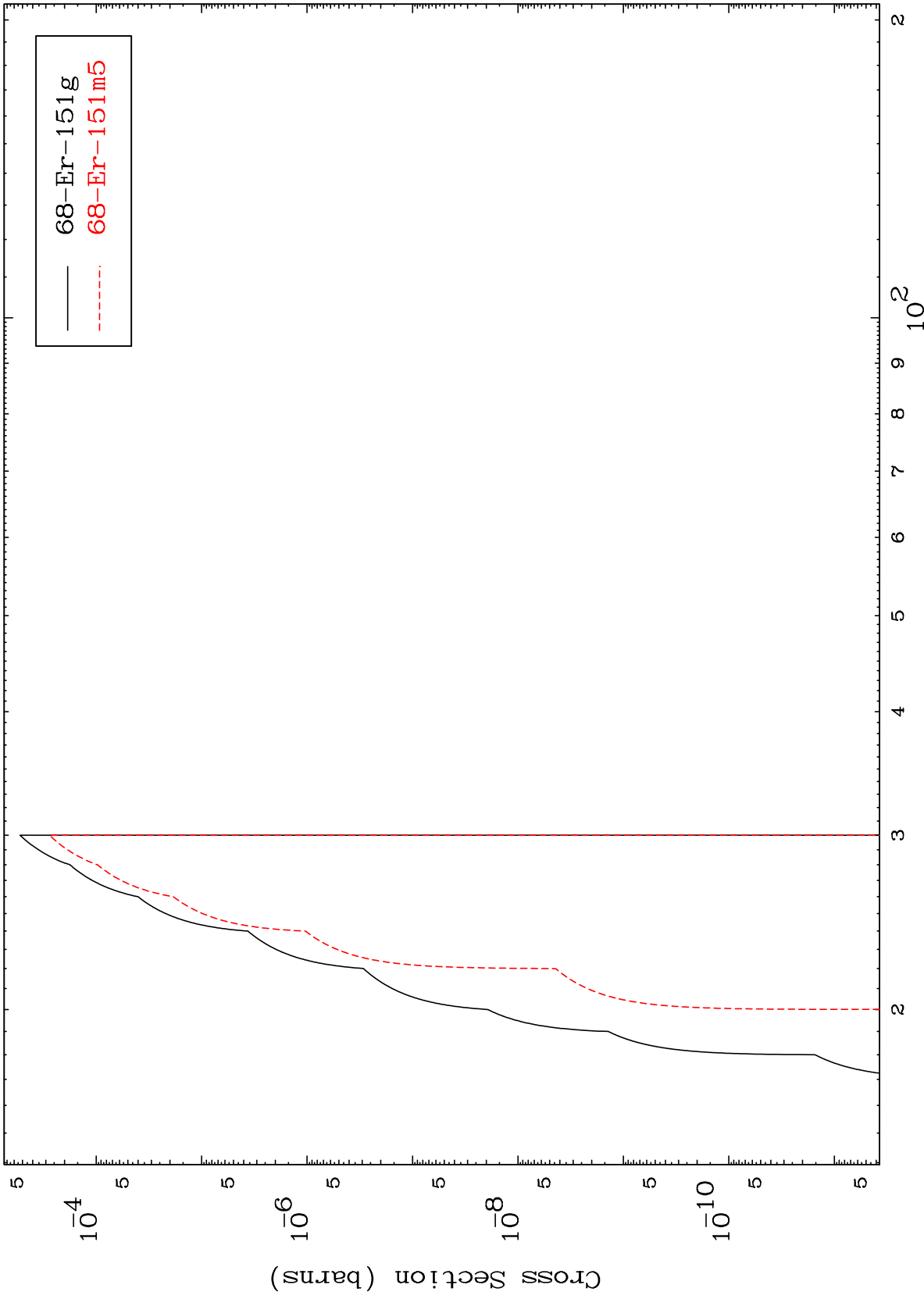


17

Incident Energy (MeV)

67-Ho-149

Radionuclide Production Cross Section

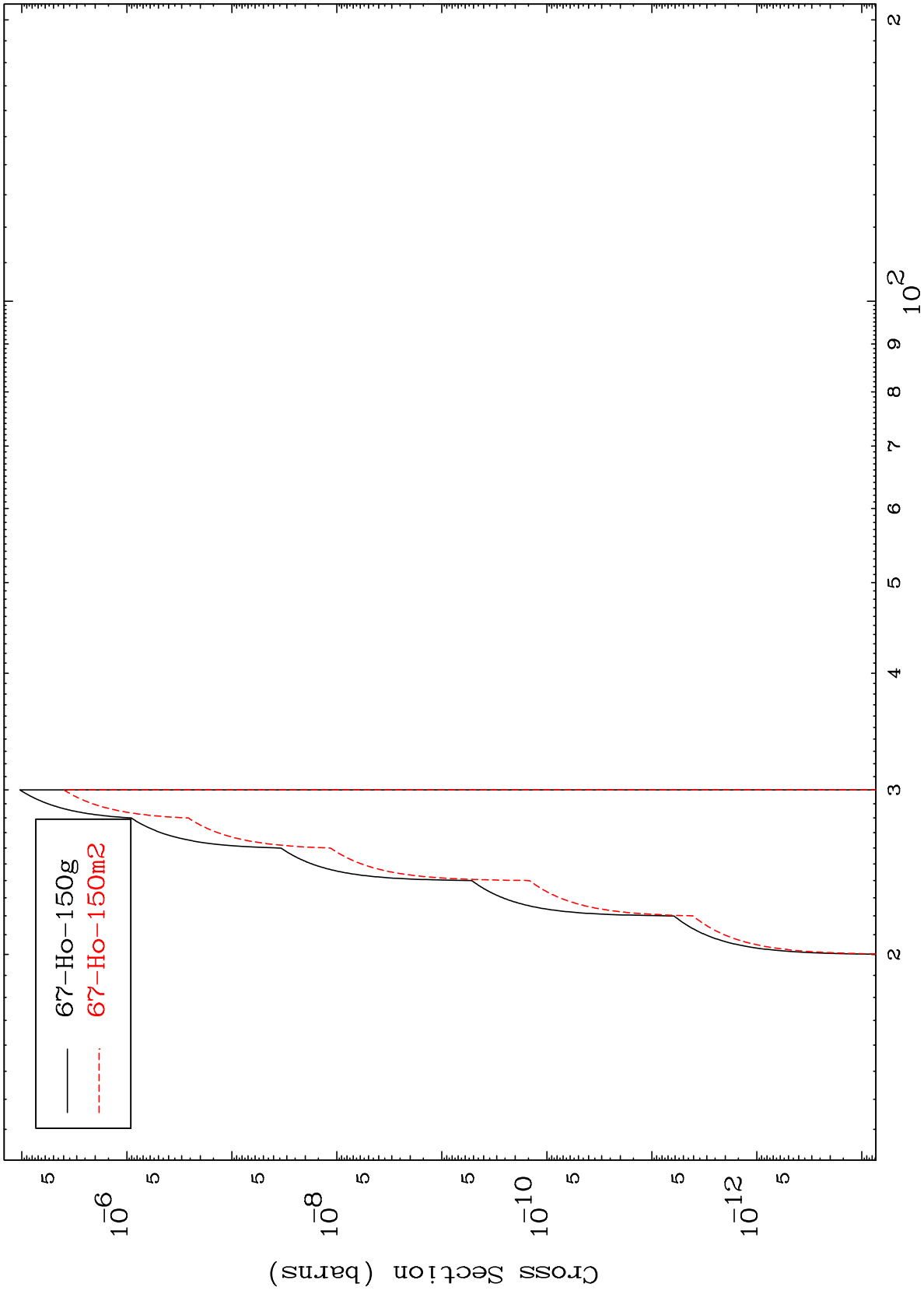


MAT 6677

($\alpha, \text{He-3}$)

$^{67}\text{Ho-149}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

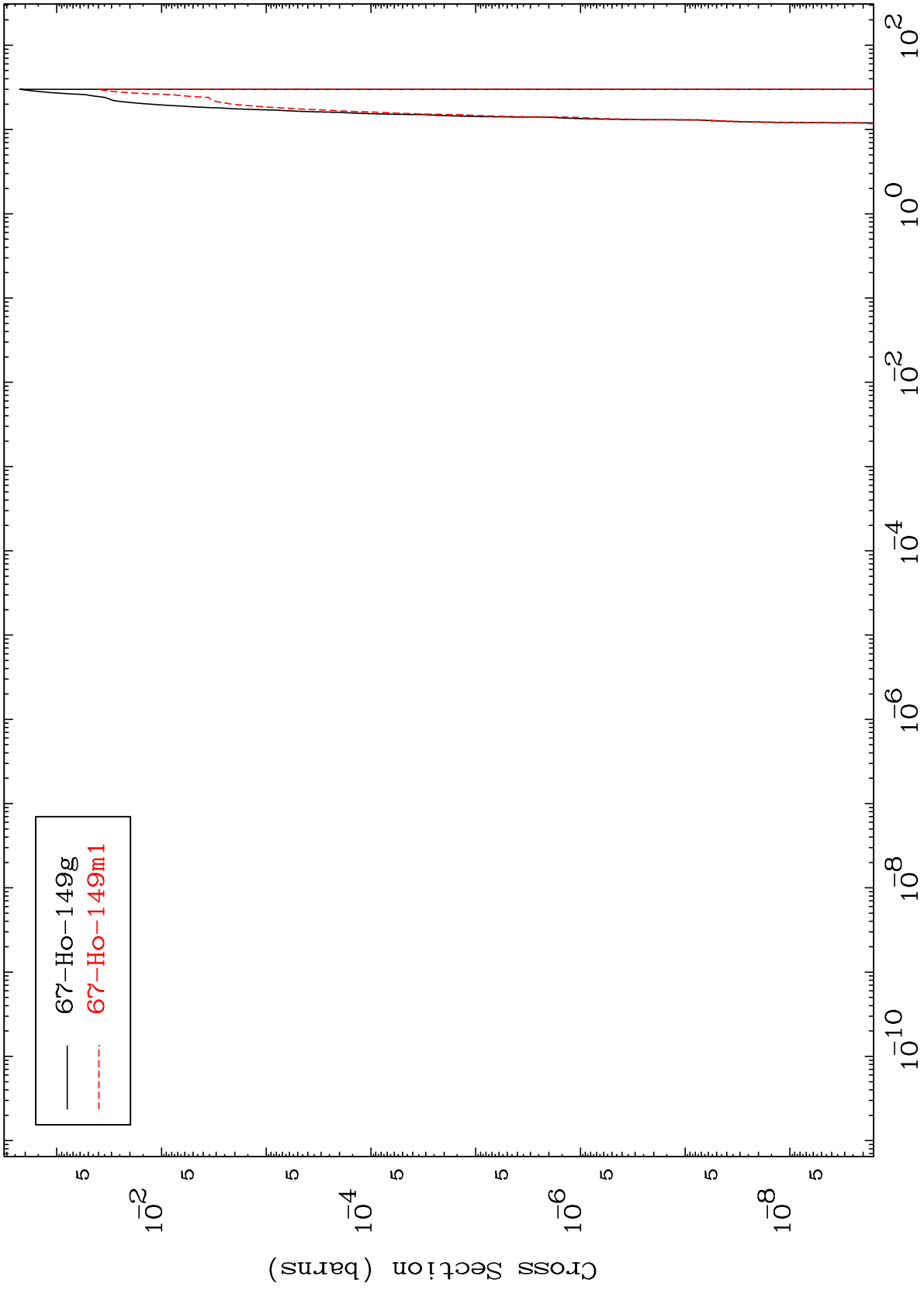
$^{67}\text{Ho-149}$

MAT 6677

(α, α)

⁶⁷Ho-149

Radionuclide Production Cross Section



20

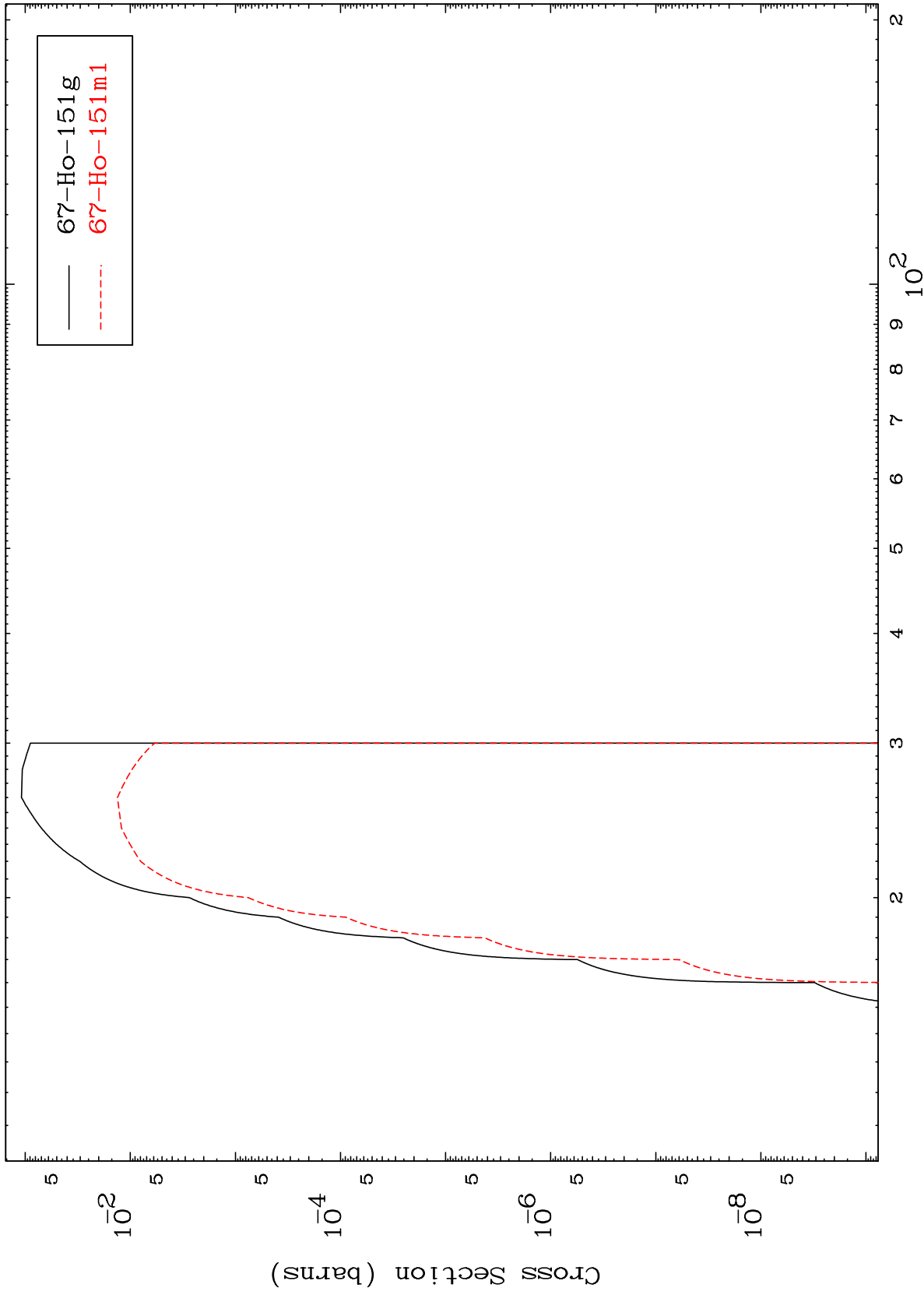
Incident Energy (MeV)

⁶⁷Ho-149

MAT 6677

67-Ho-149

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



21

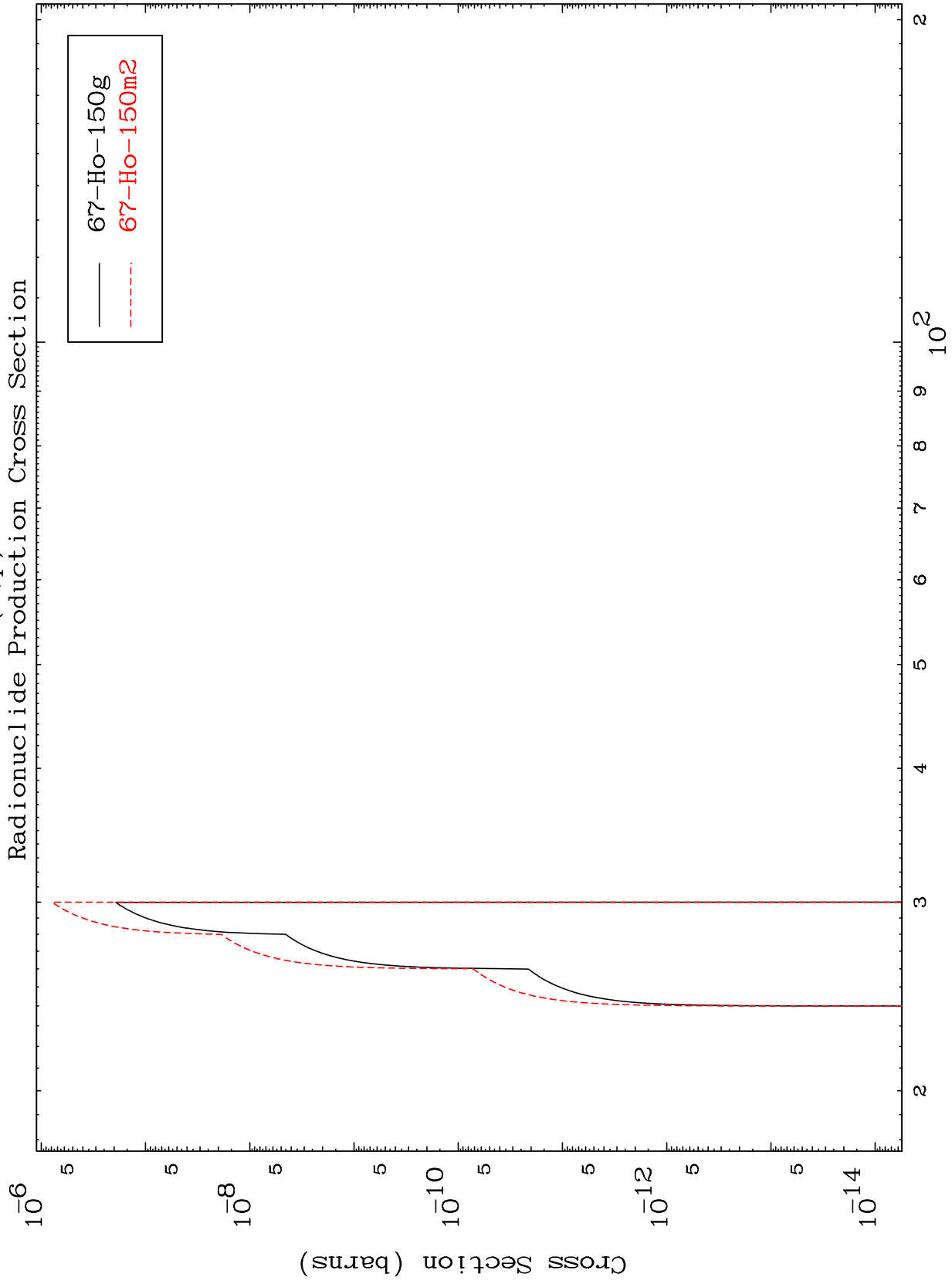
Incident Energy (MeV)

67-Ho-149

MAT 6677

(α, p) d

67-Ho-149



22

Incident Energy (MeV)

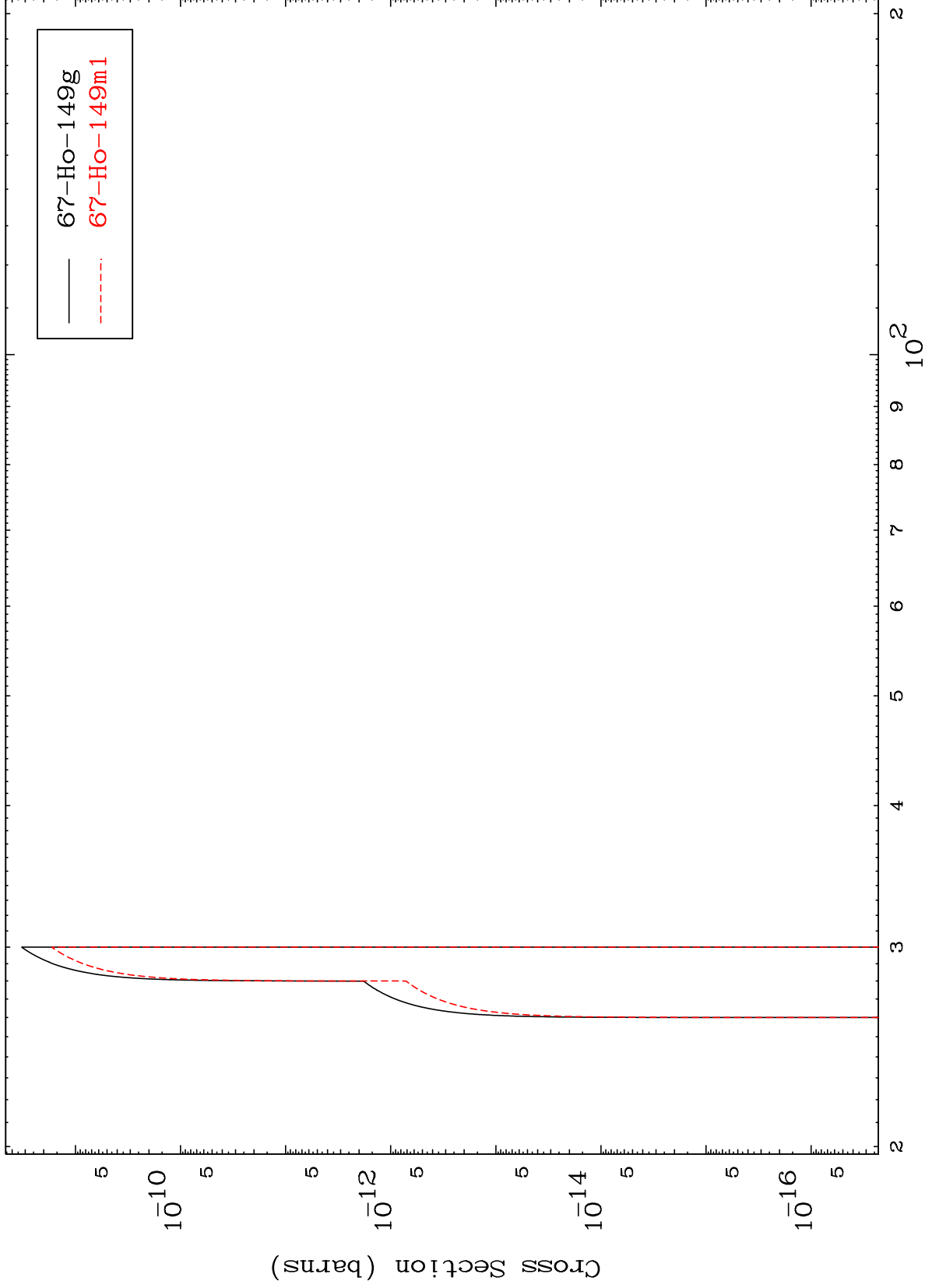
67-Ho-149

MAT 6677

(α, p) t

$^{67}\text{Ho-149}$

Radionuclide Production Cross Section



23

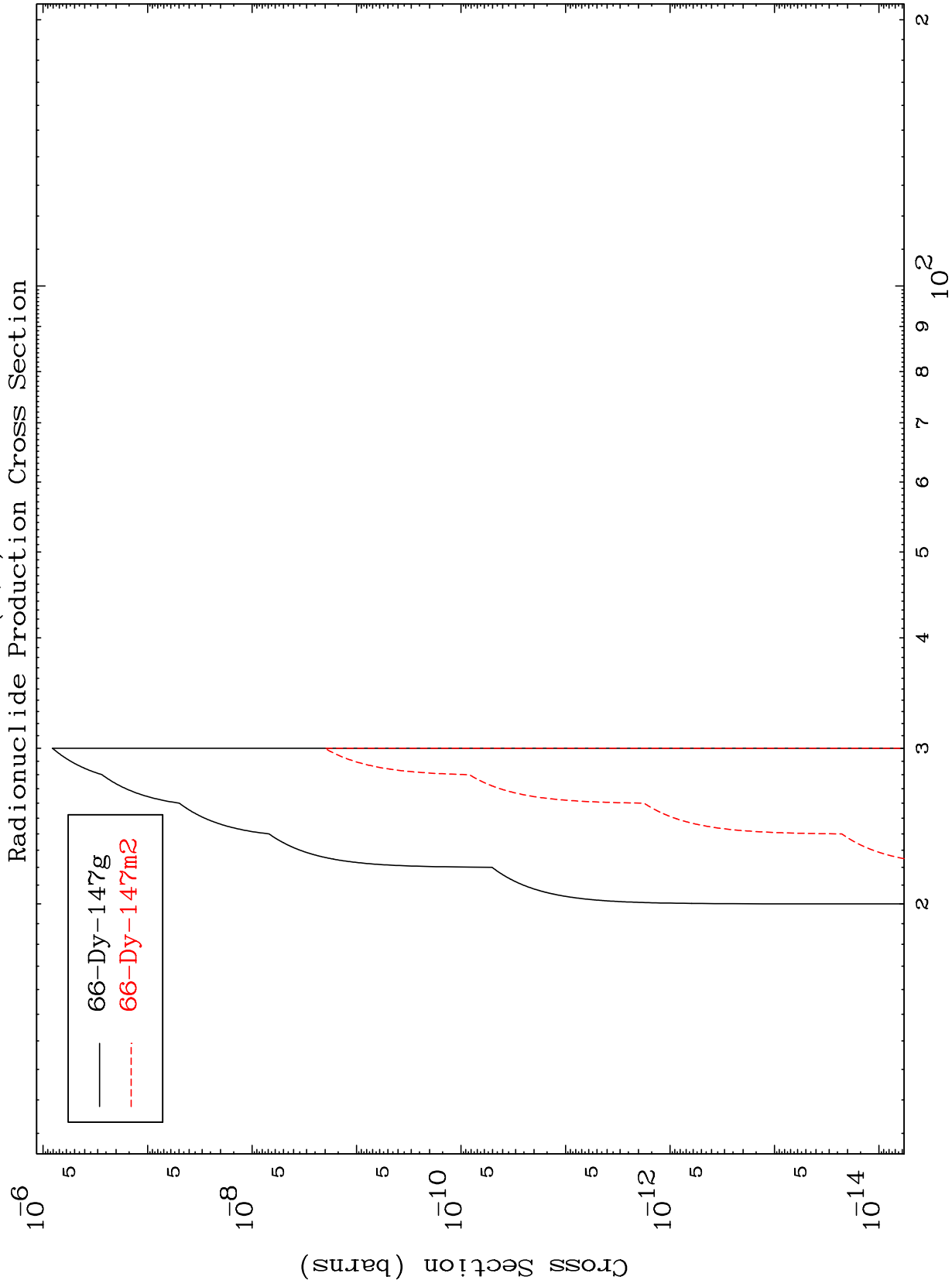
Incident Energy (MeV)

$^{67}\text{Ho-149}$

MAT 6677

(α, d) α

67-Ho-149



24

Incident Energy (MeV)

67-Ho-149