

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

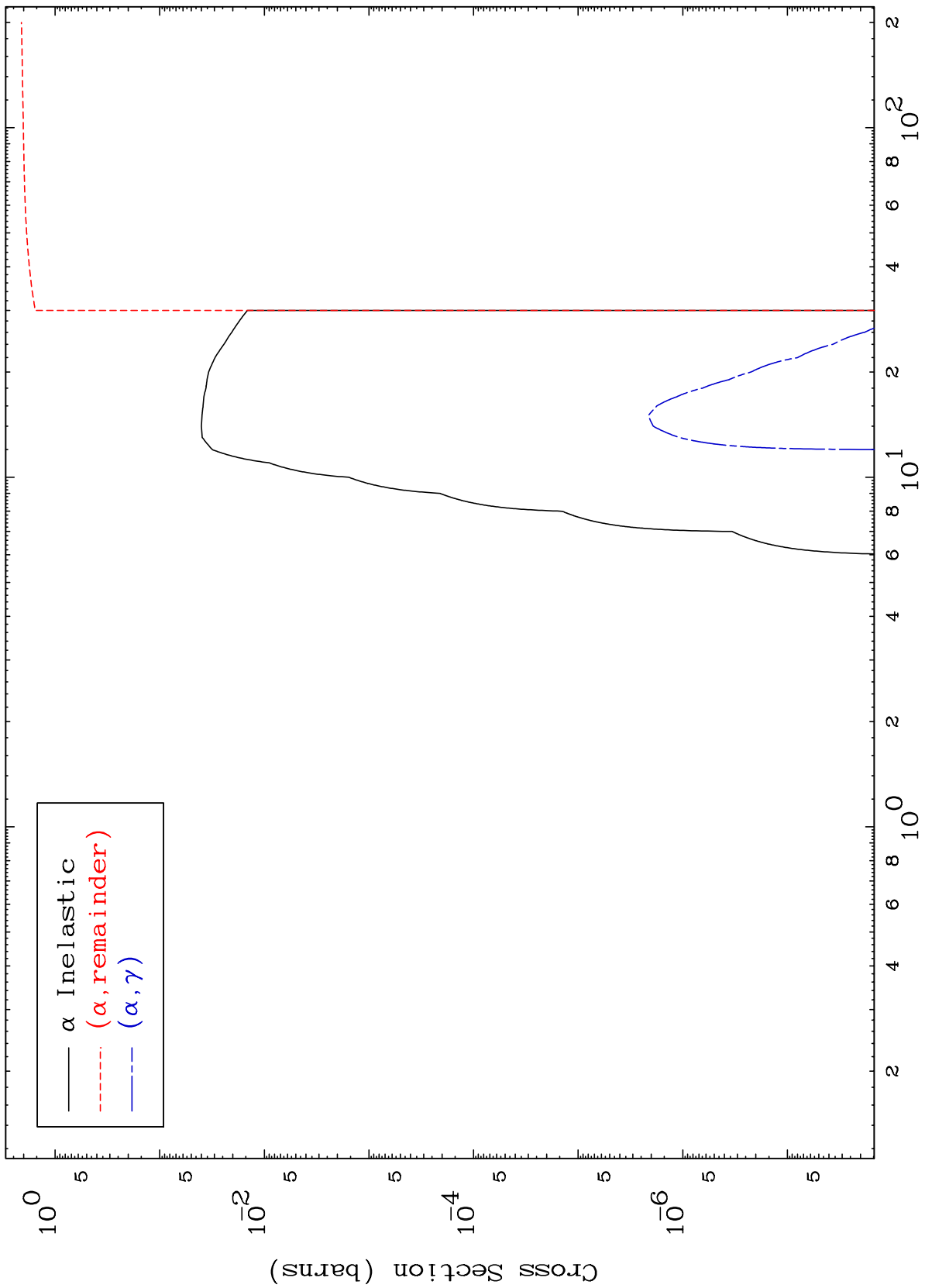
Press Mouse Button to Start

MAT 4349

α Major

43-Tc-107

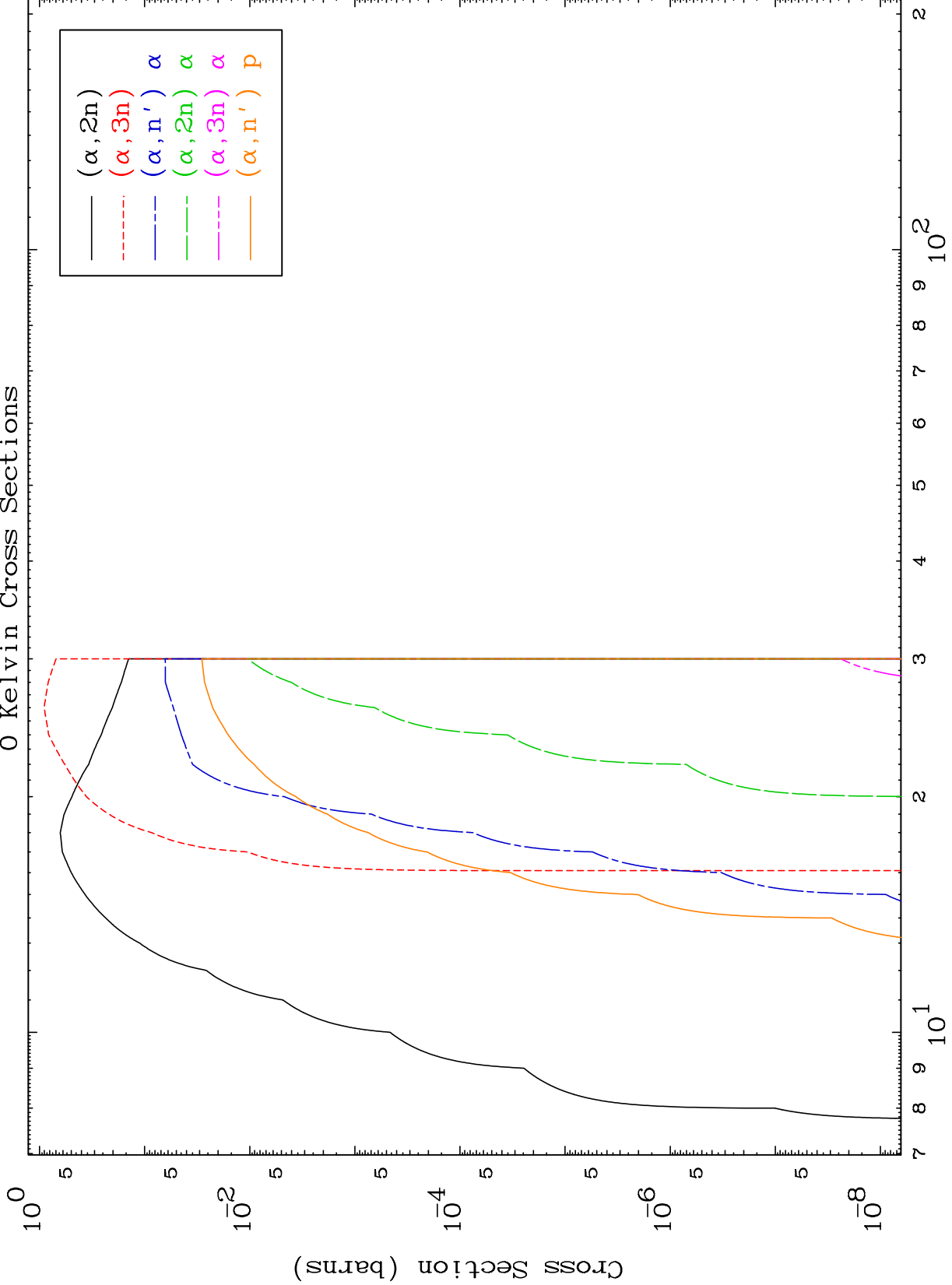
0 Kelvin Cross Sections



MAT 4349

α Neutron Production
0 Kelvin Cross Sections

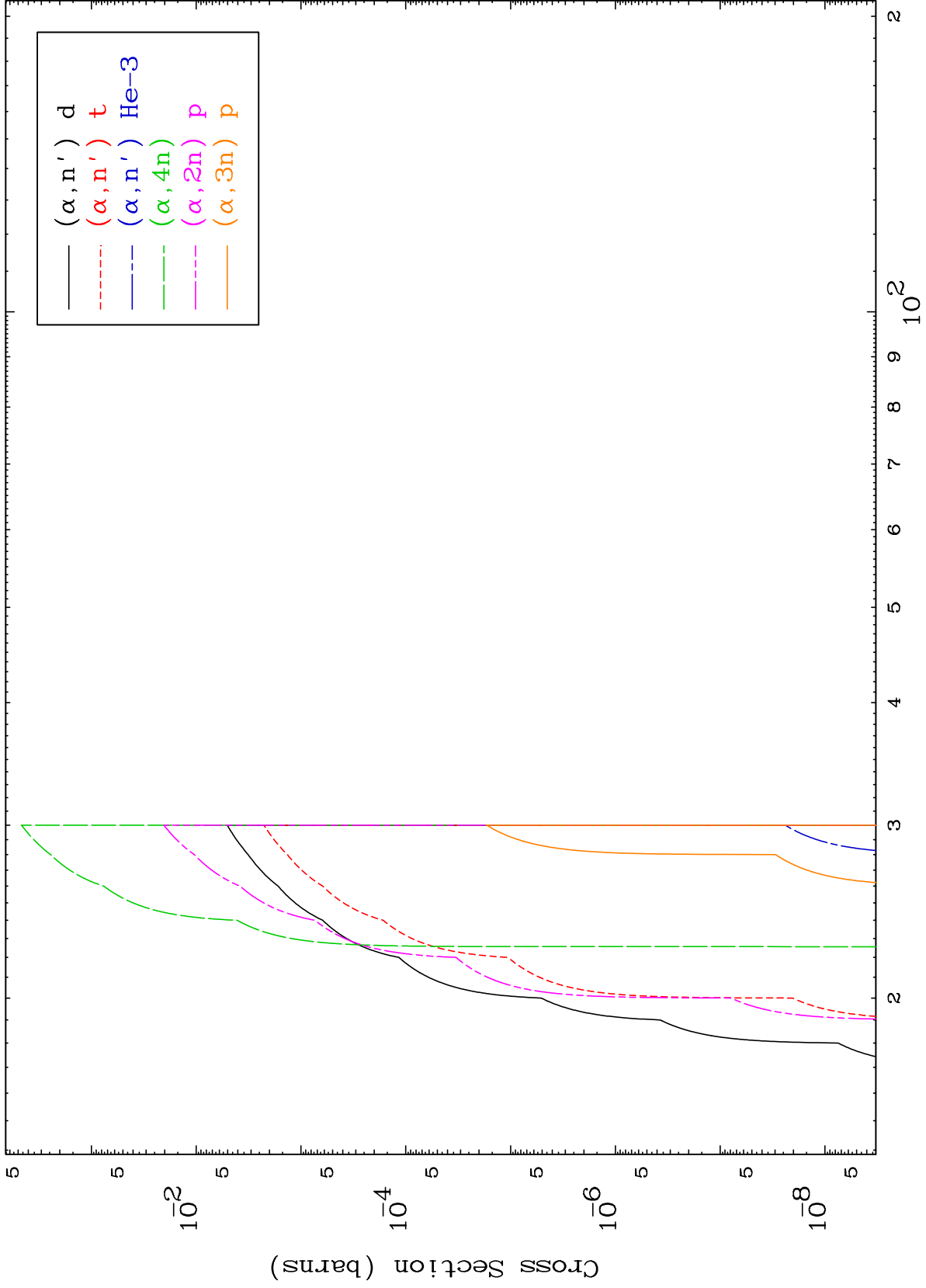
43-Tc-107

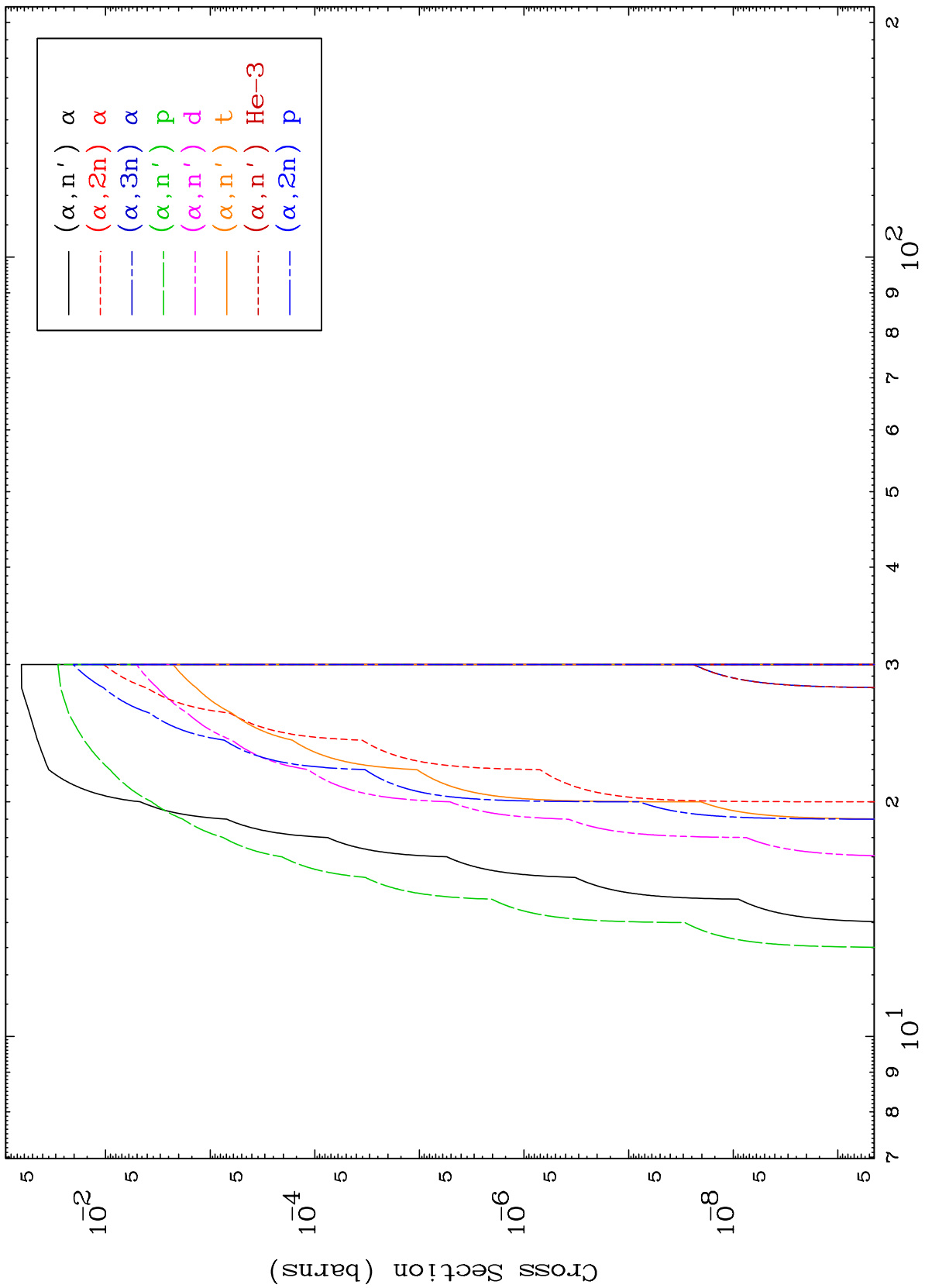


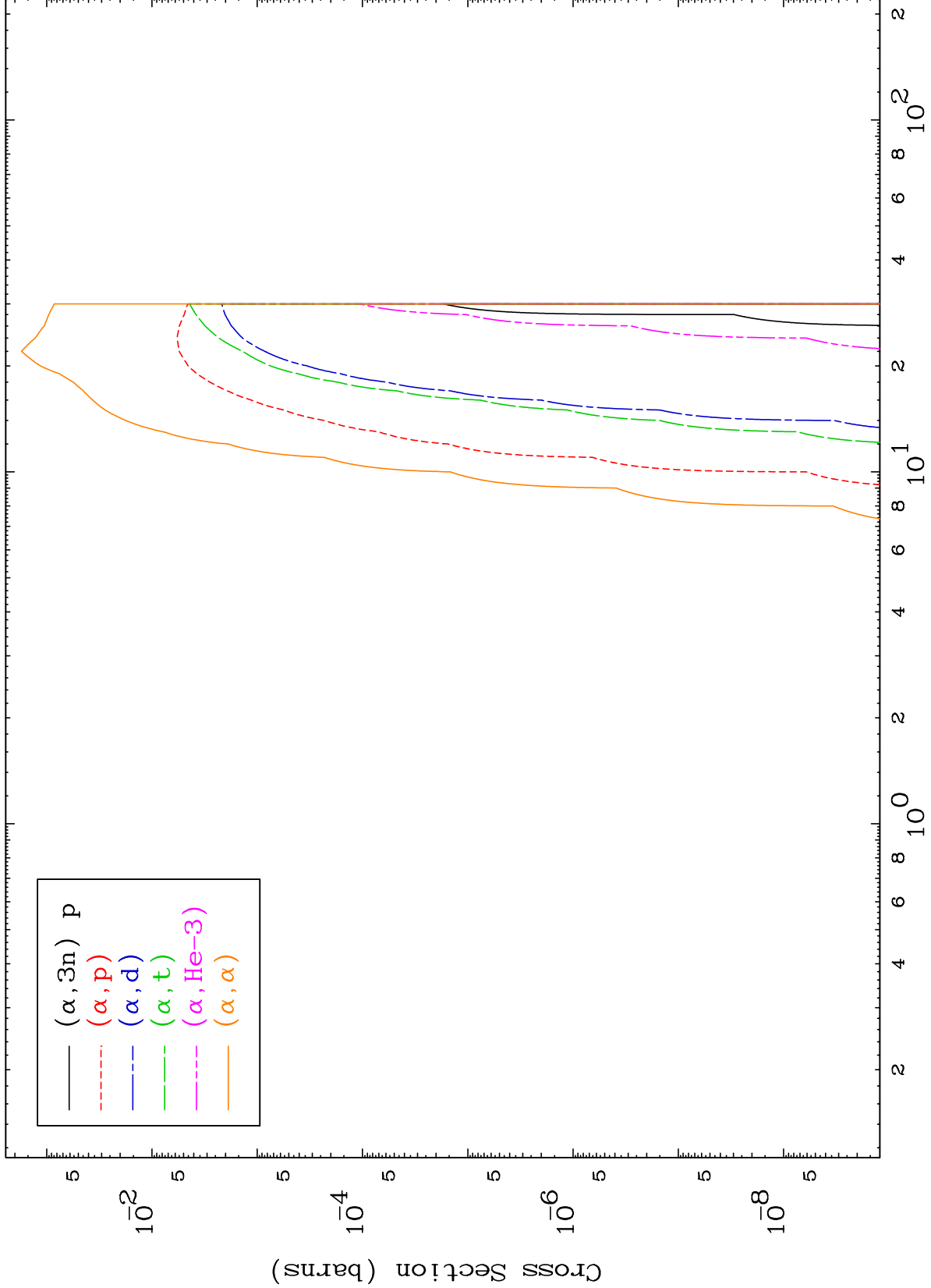
2

Incident Energy (MeV)

43-Tc-107





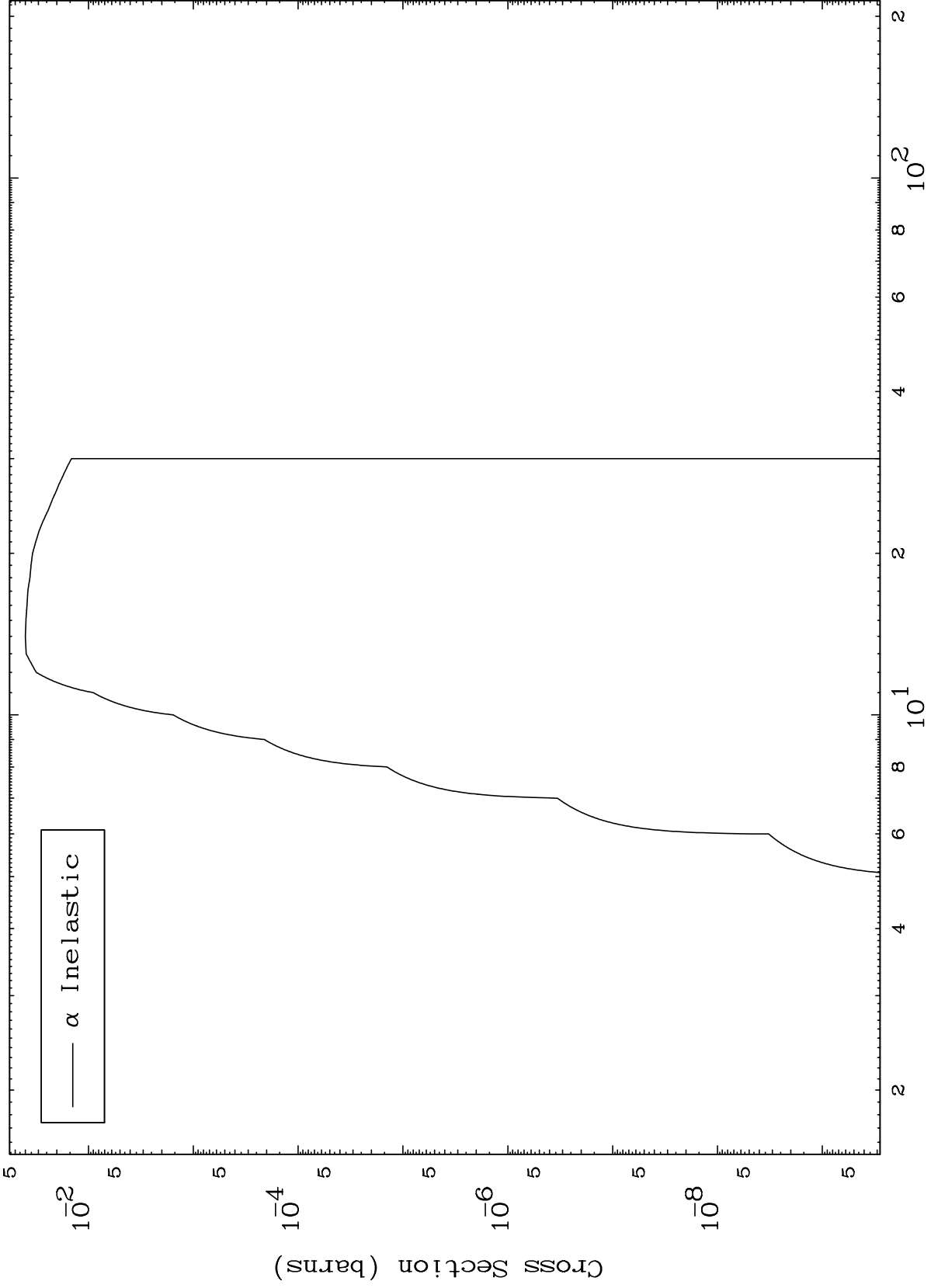


MAT 4349

(α, n') Level

43-Tc-107

0 Kelvin Cross Sections



6

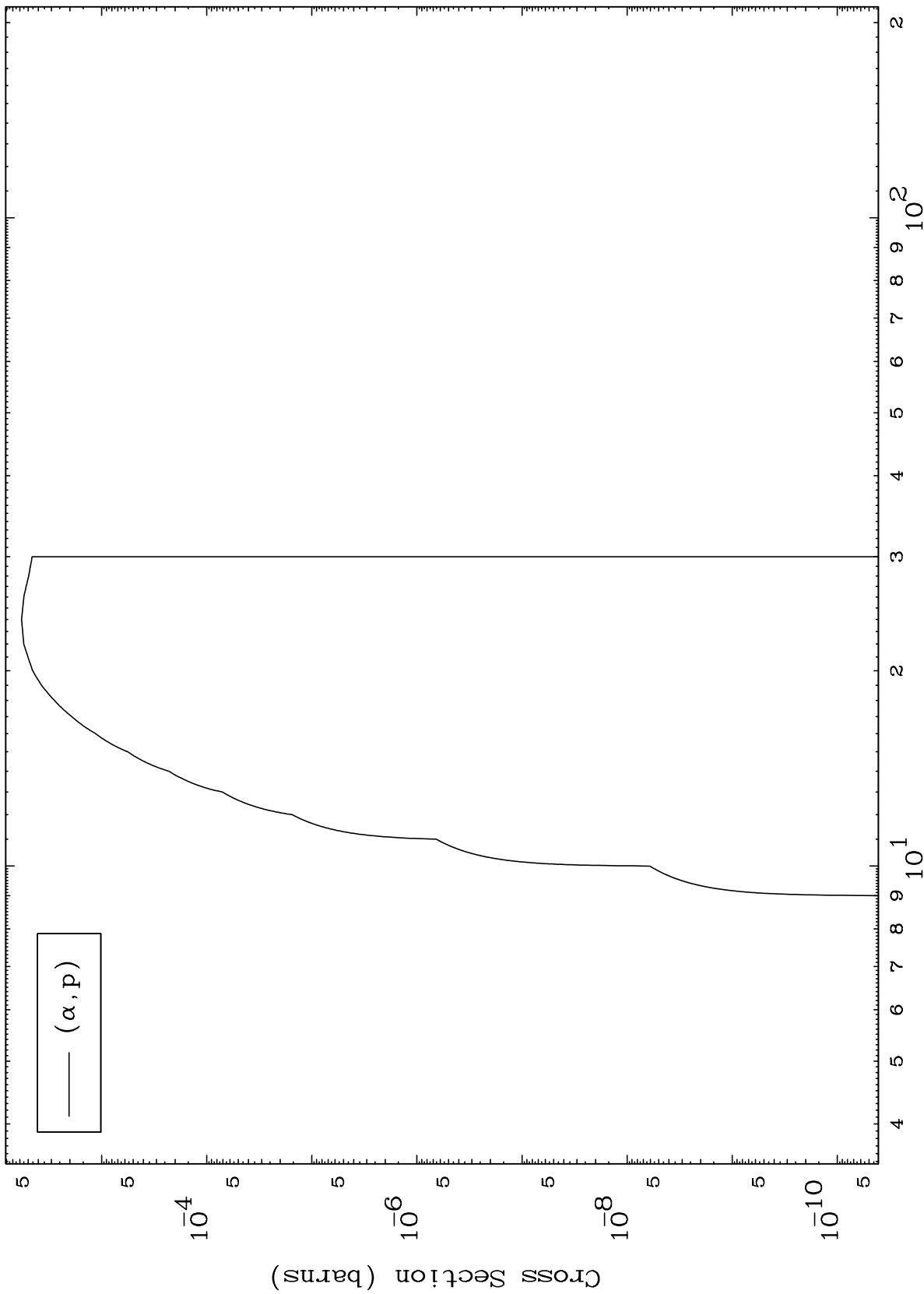
Incident Energy (MeV)

43-Tc-107

MAT 4349

43-Tc-107

(α, p) Levels
0 Kelvin Cross Sections



43-Tc-107

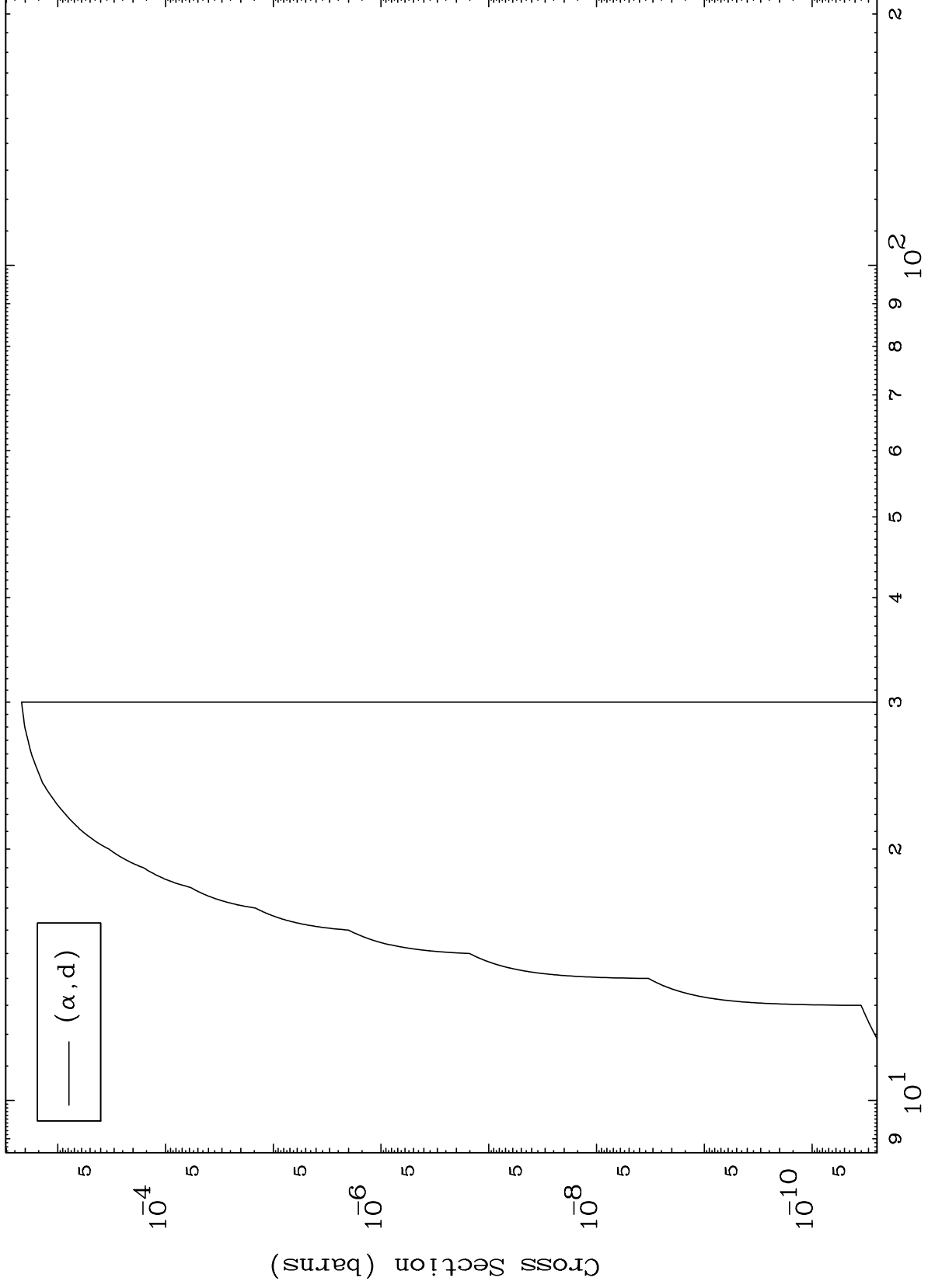
Incident Energy (MeV)

7

MAT 4349

(α, d) Levels
0 Kelvin Cross Sections

43-Tc-107



Incident Energy (MeV)

43-Tc-107

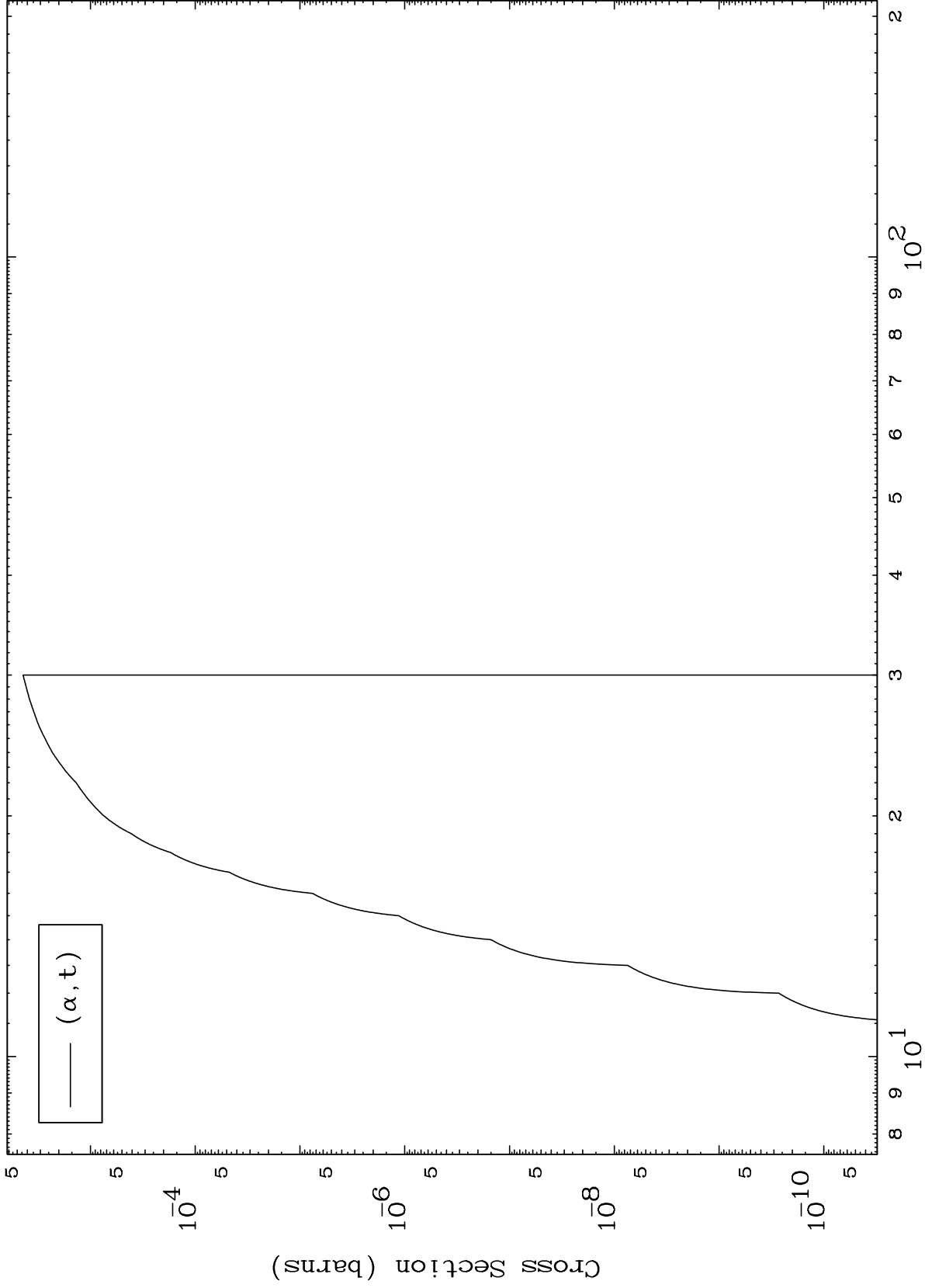
8

MAT 4349

(α, t) Levels

43-Tc-107

0 Kelvin Cross Sections



9

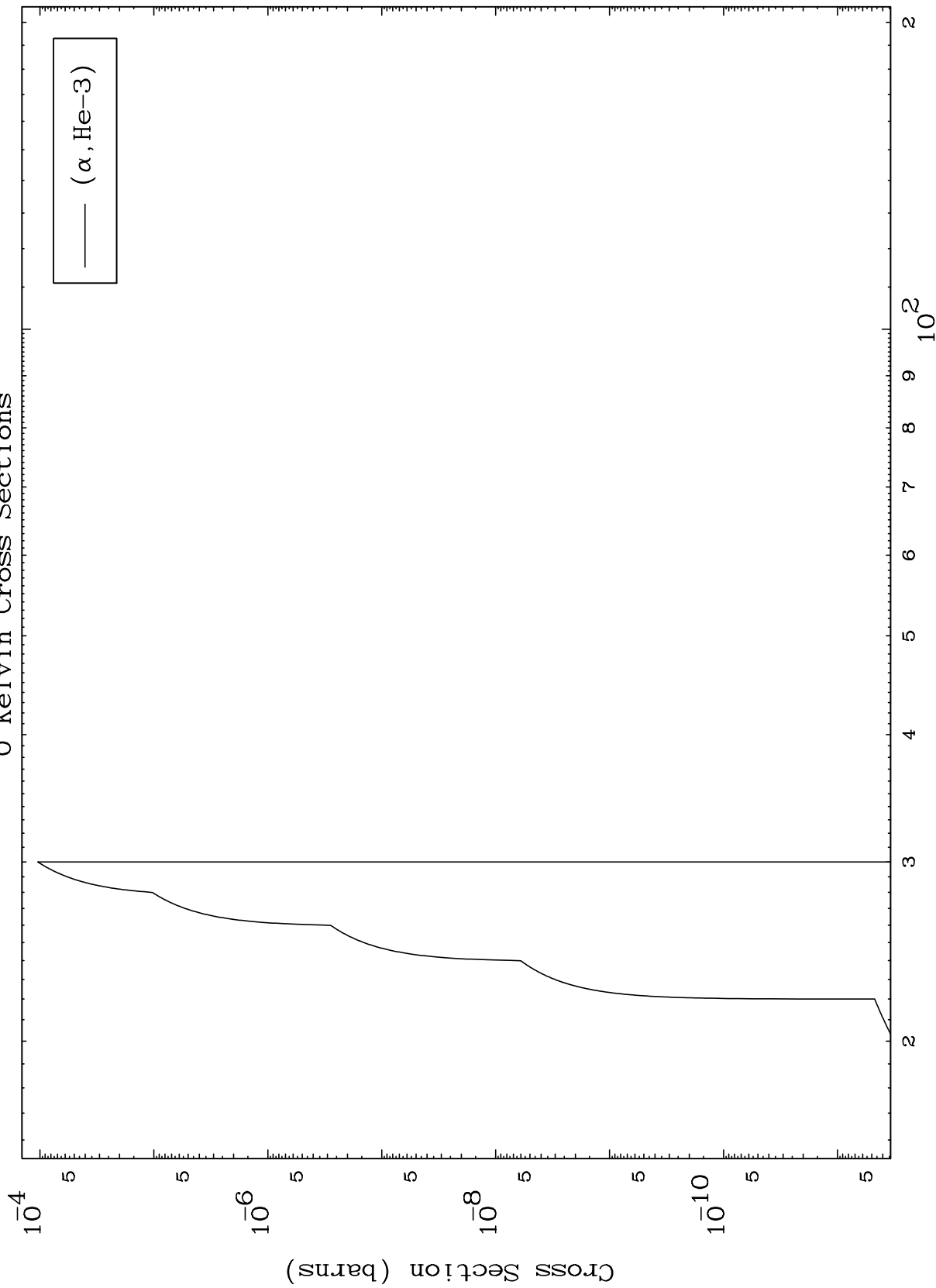
Incident Energy (MeV)

43-Tc-107

MAT 4349

43-Tc-107

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



43-Tc-107

Incident Energy (MeV)

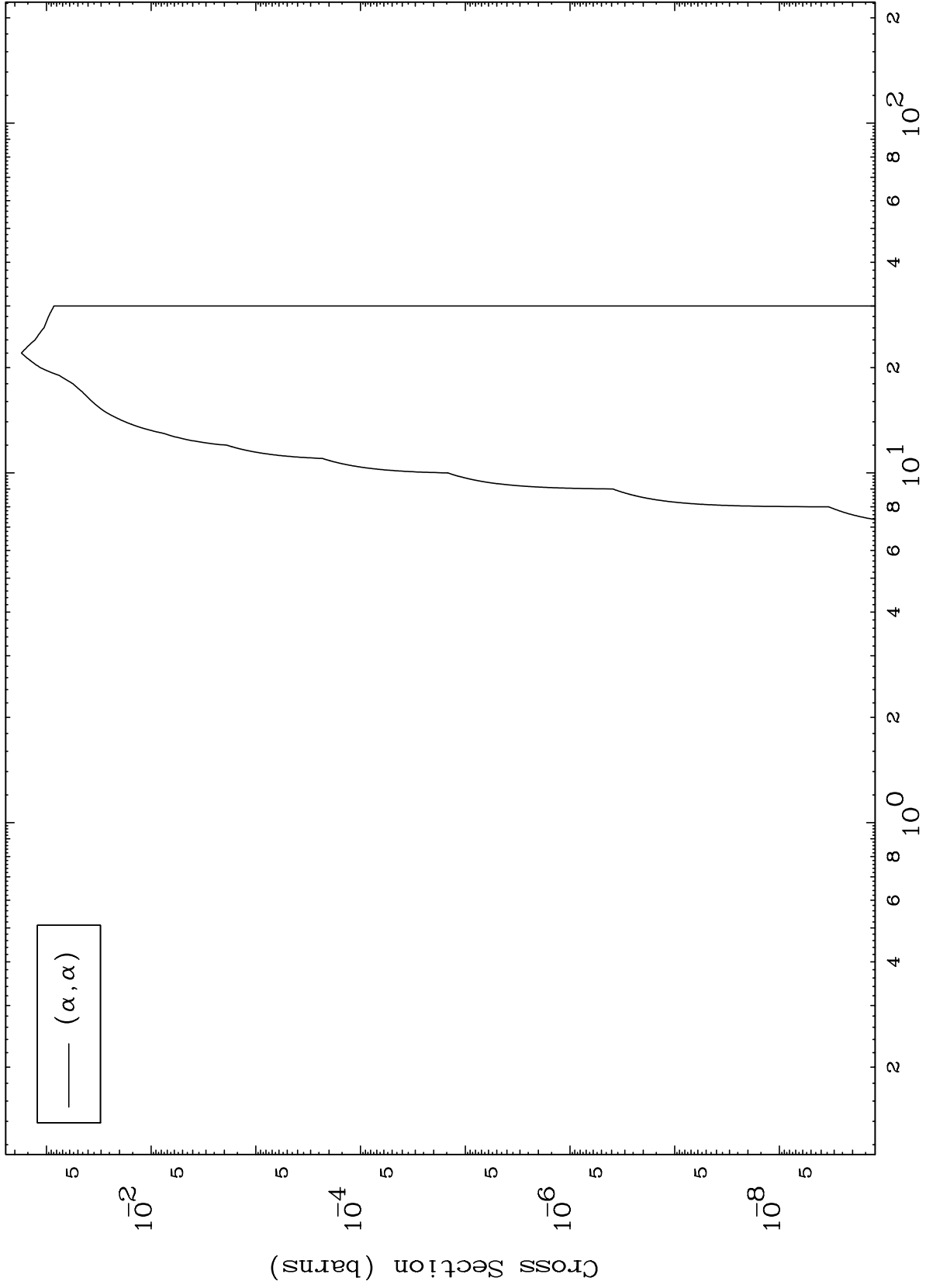
10

MAT 4349

(α, α) Levels

43-Tc-107

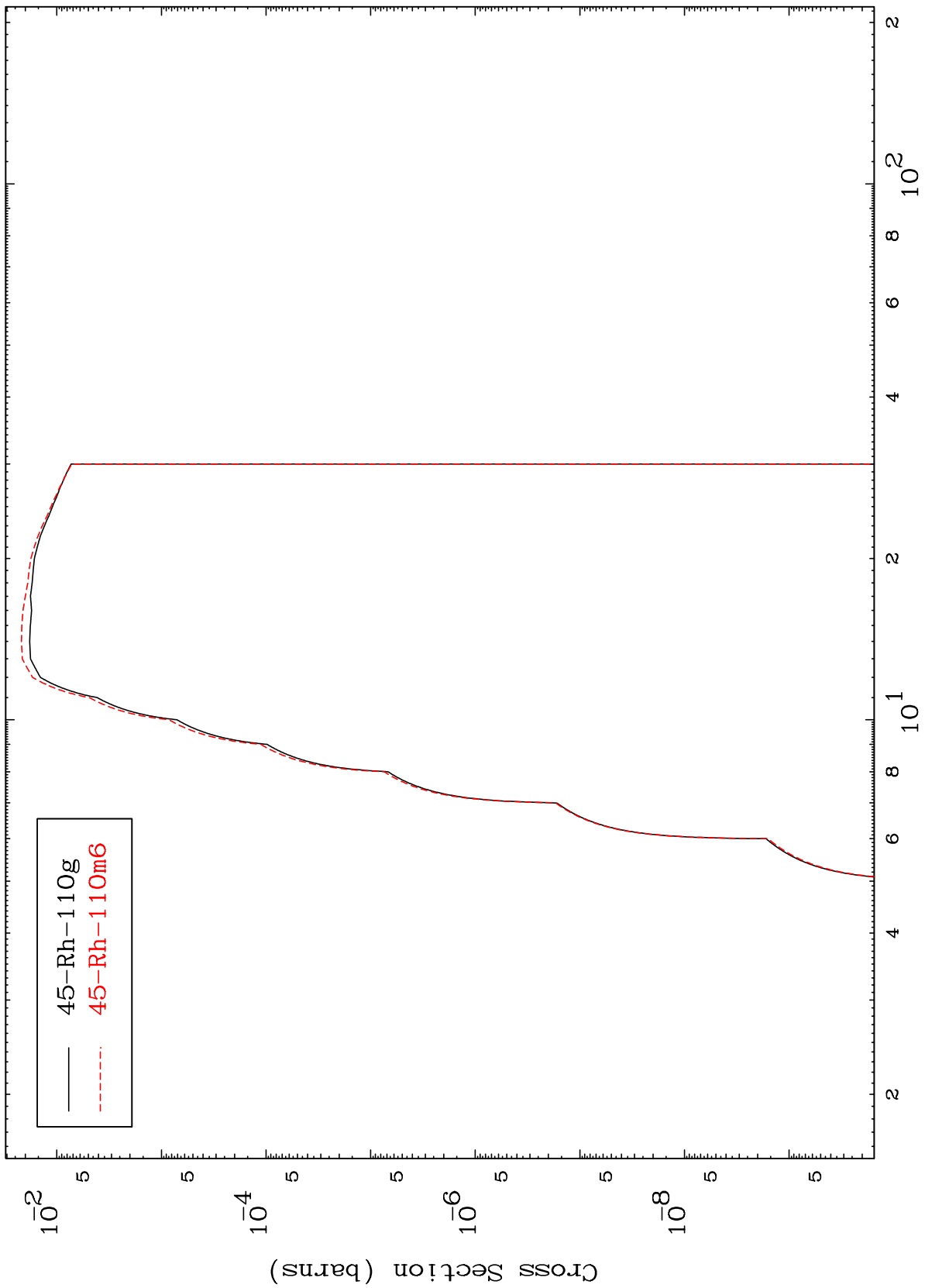
0 Kelvin Cross Sections



MAT 4349

43-Tc-107

Radionuclide Production Cross Section
 α Inelastic



12

43-Tc-107

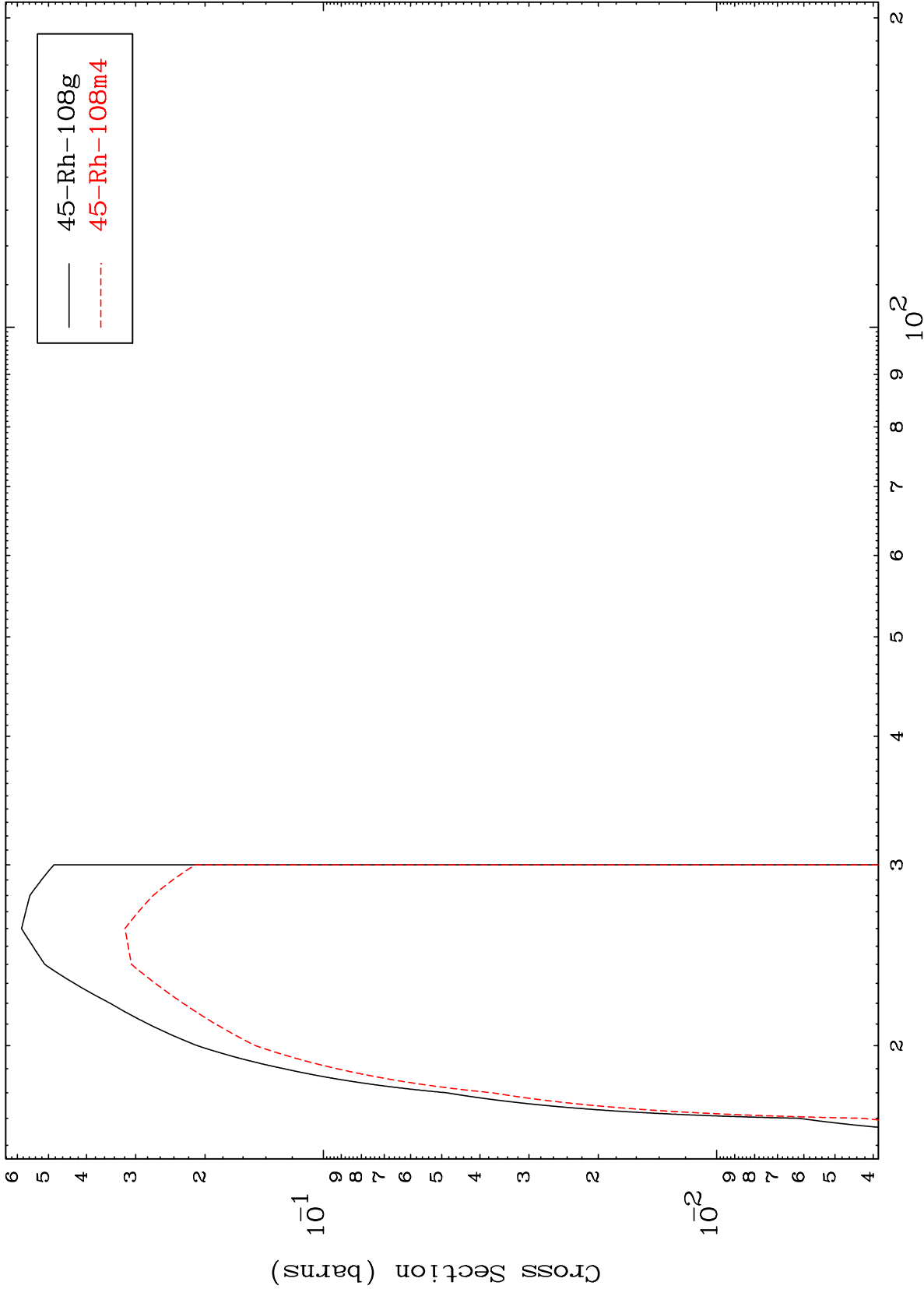
Incident Energy (MeV)

MAT 4349

($\alpha, 3n$)

43-Tc-107

Radionuclide Production Cross Section



13

Incident Energy (MeV)

43-Tc-107