

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

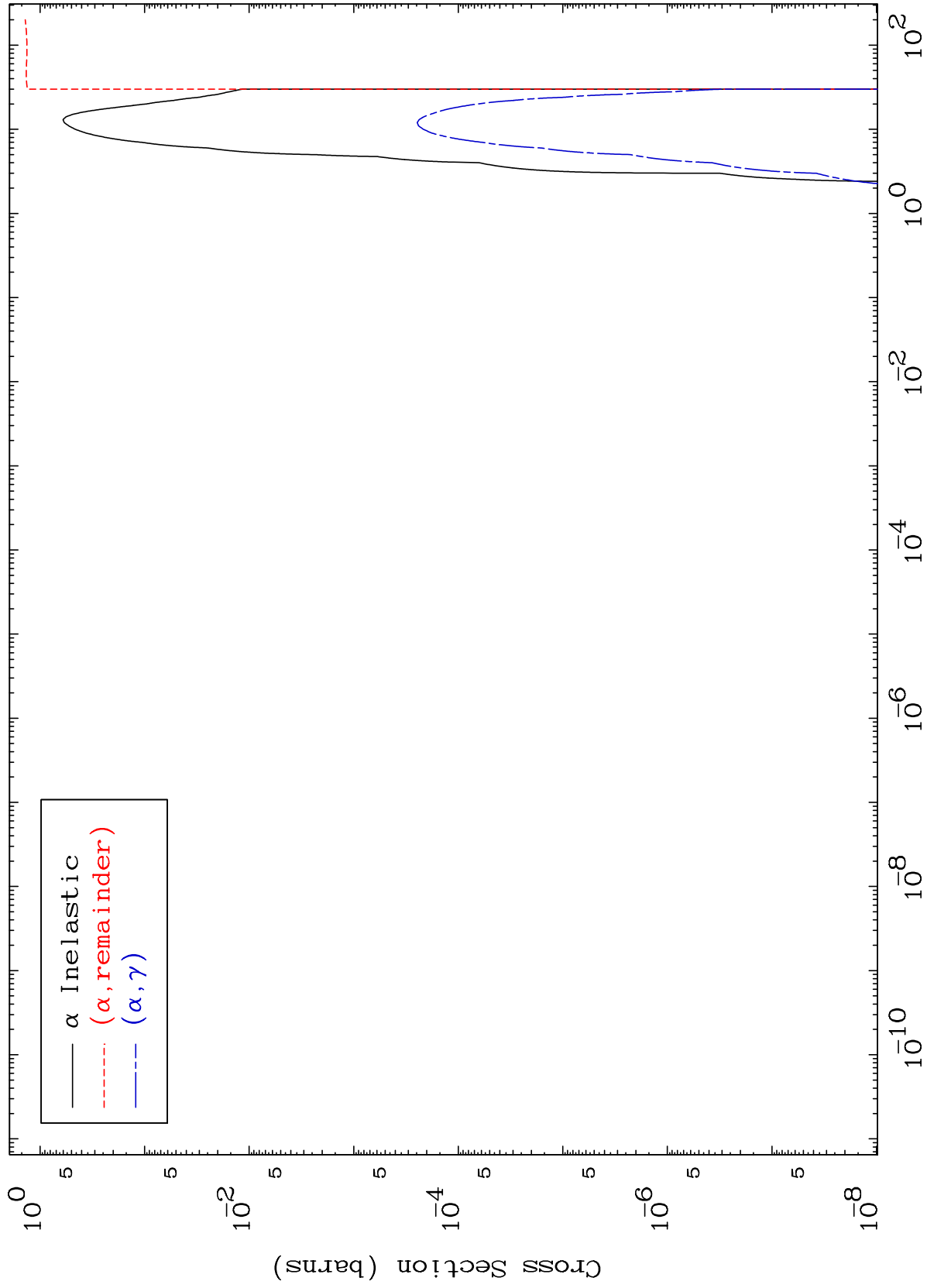
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2037

0 Kelvin α Major
Cross Sections

20-Ca-44

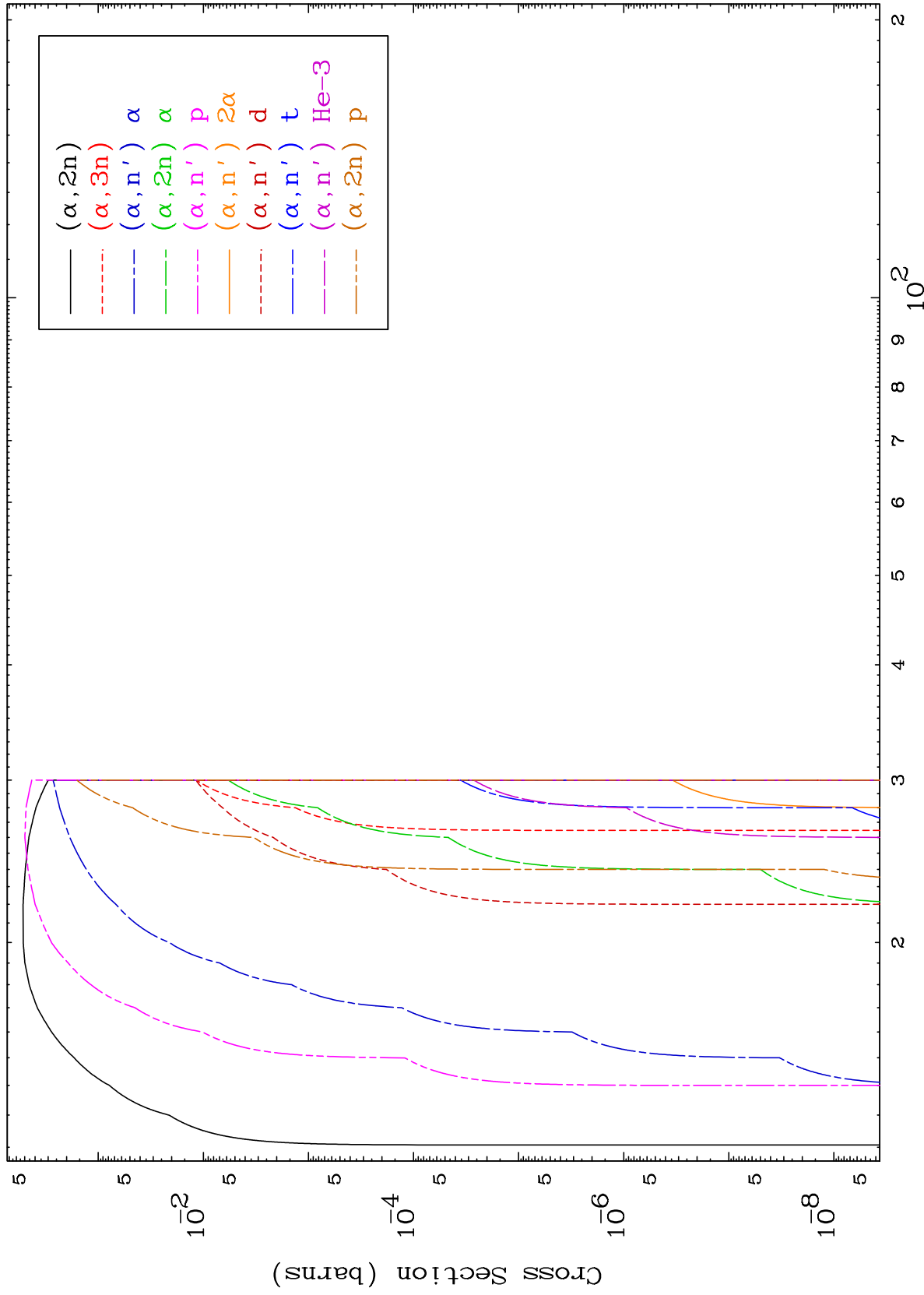


20-Ca-44

MAT 2037

α Neutron Production
0 Kelvin Cross Sections

20-Ca-44

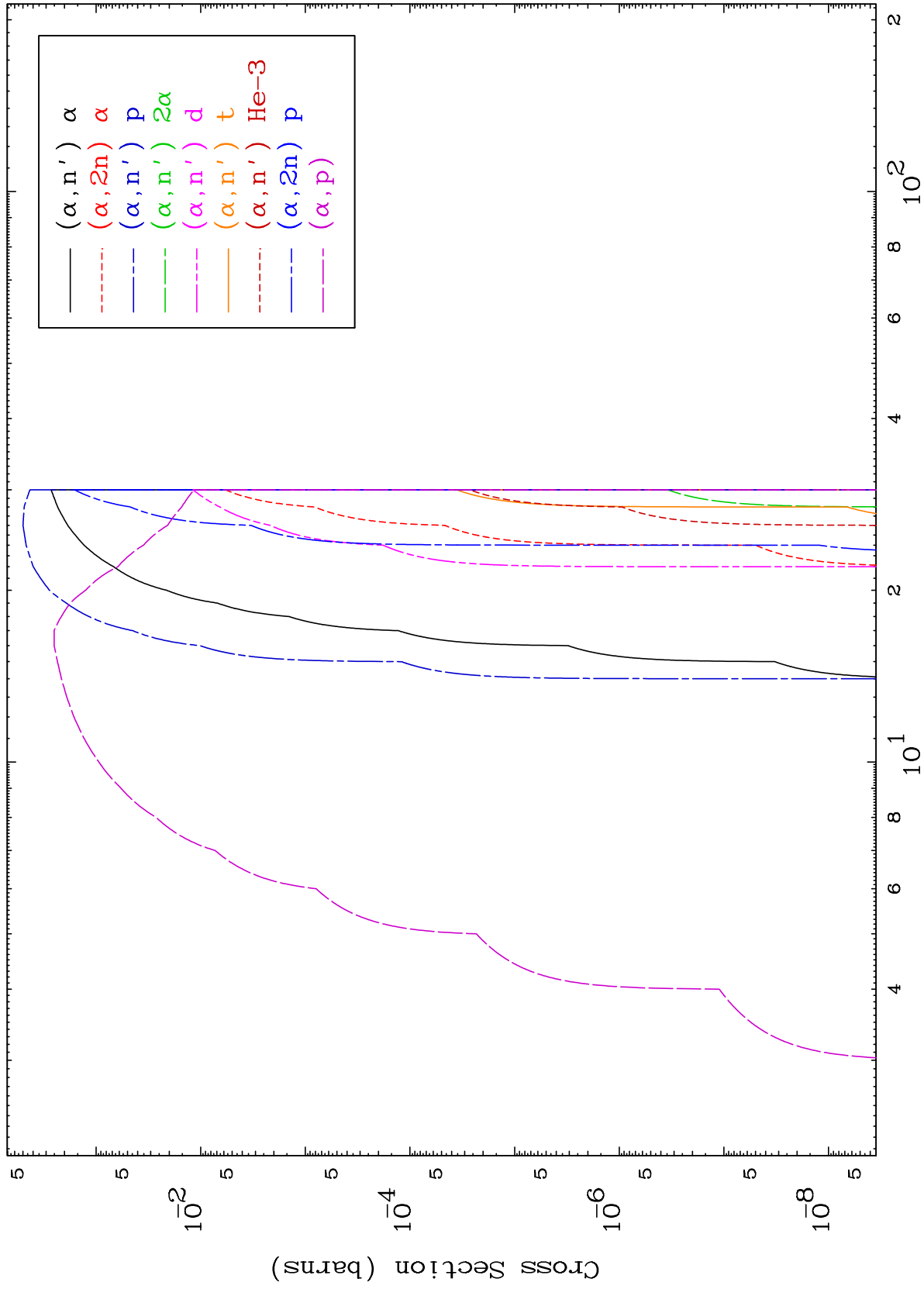


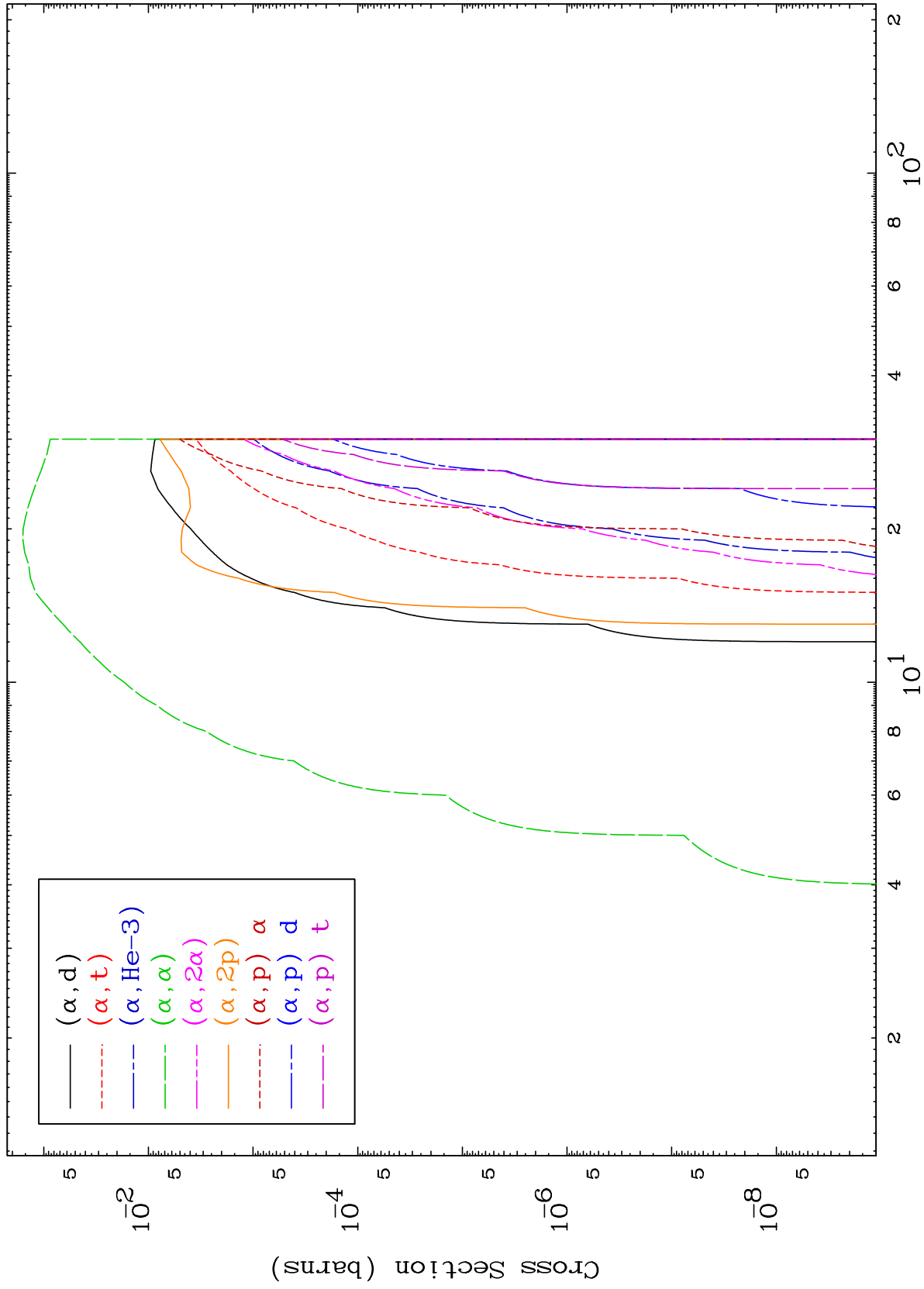
2

Incident Energy (MeV)

20-Ca-44

α Charged Particle
0 Kelvin Cross Sections

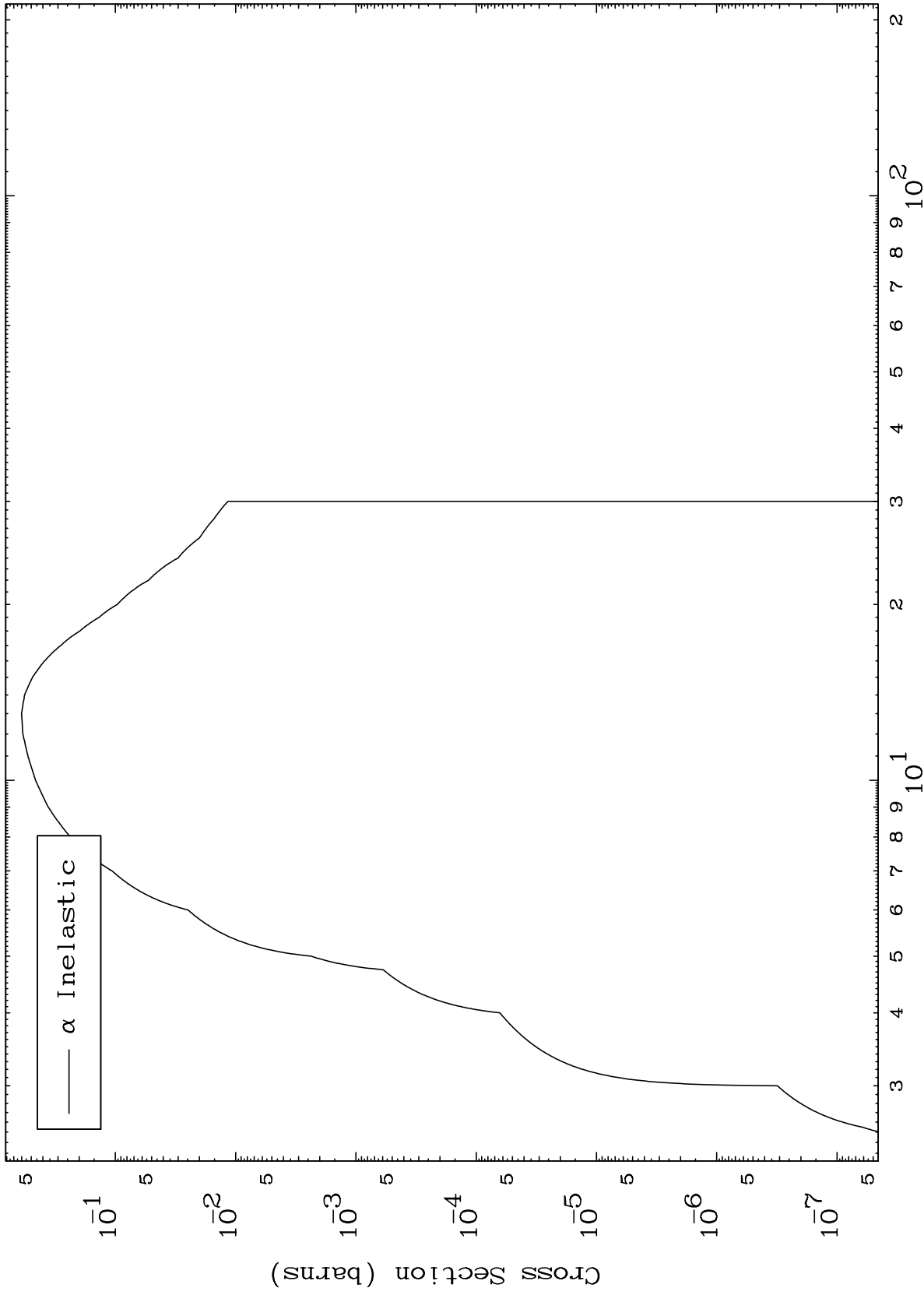




MAT 2037

(α, n') Level
0 Kelvin Cross Sections

20-Ca-44



5

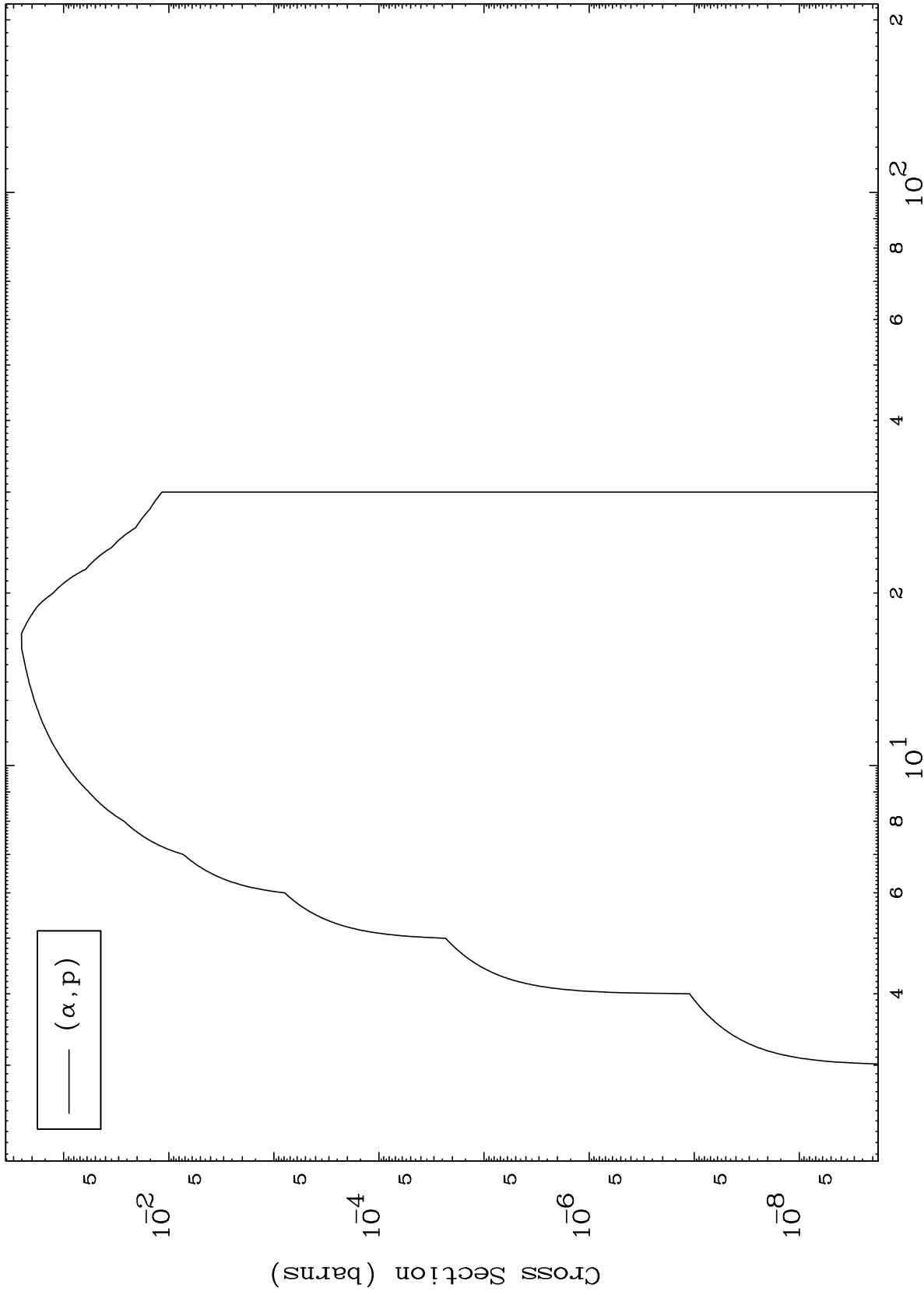
Incident Energy (MeV)

20-Ca-44

MAT 2037

(α, p) Levels
0 Kelvin Cross Sections

20-Ca-44



6

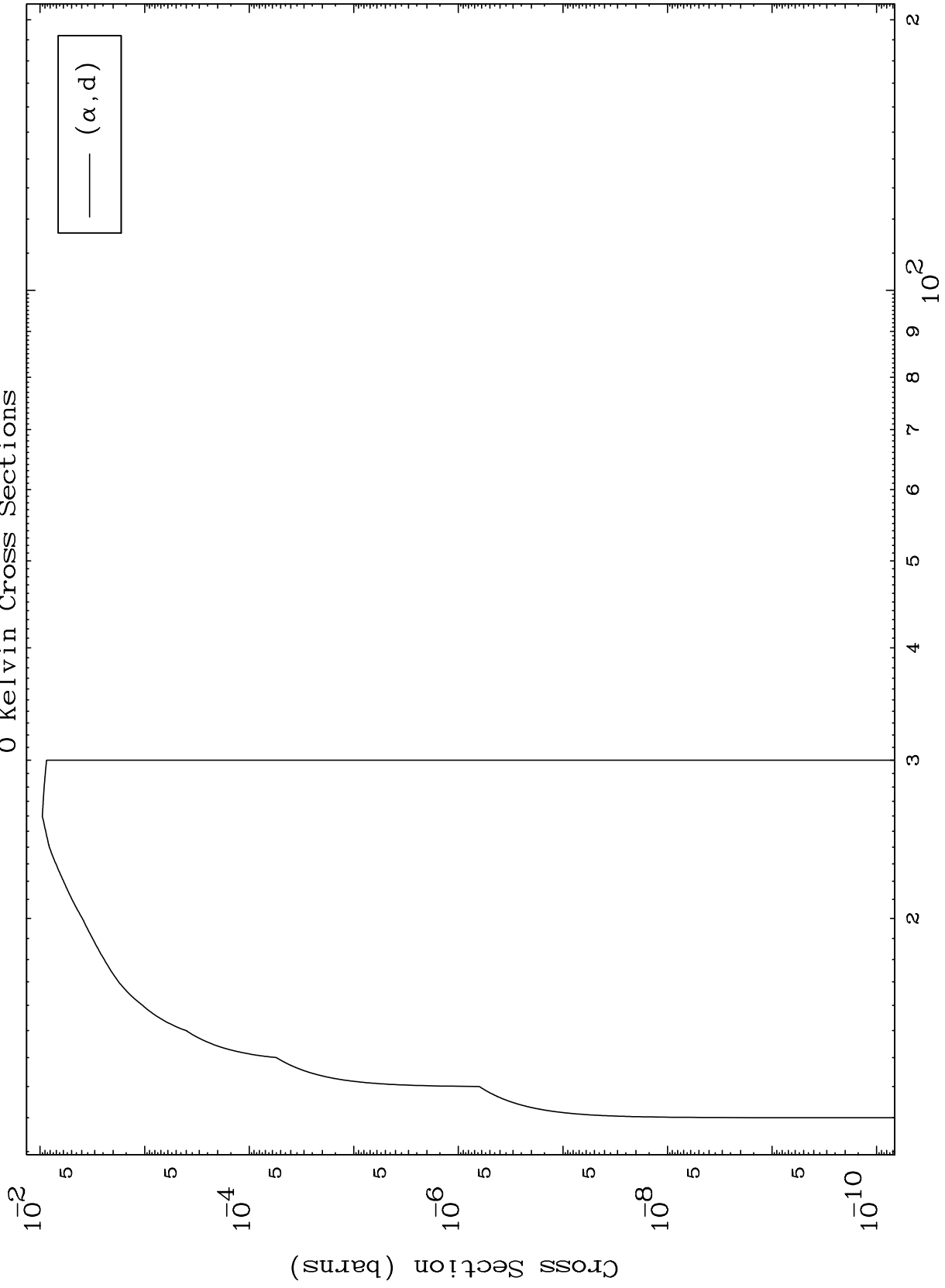
Incident Energy (MeV)

20-Ca-44

MAT 2037

(α, d) Levels
0 Kelvin Cross Sections

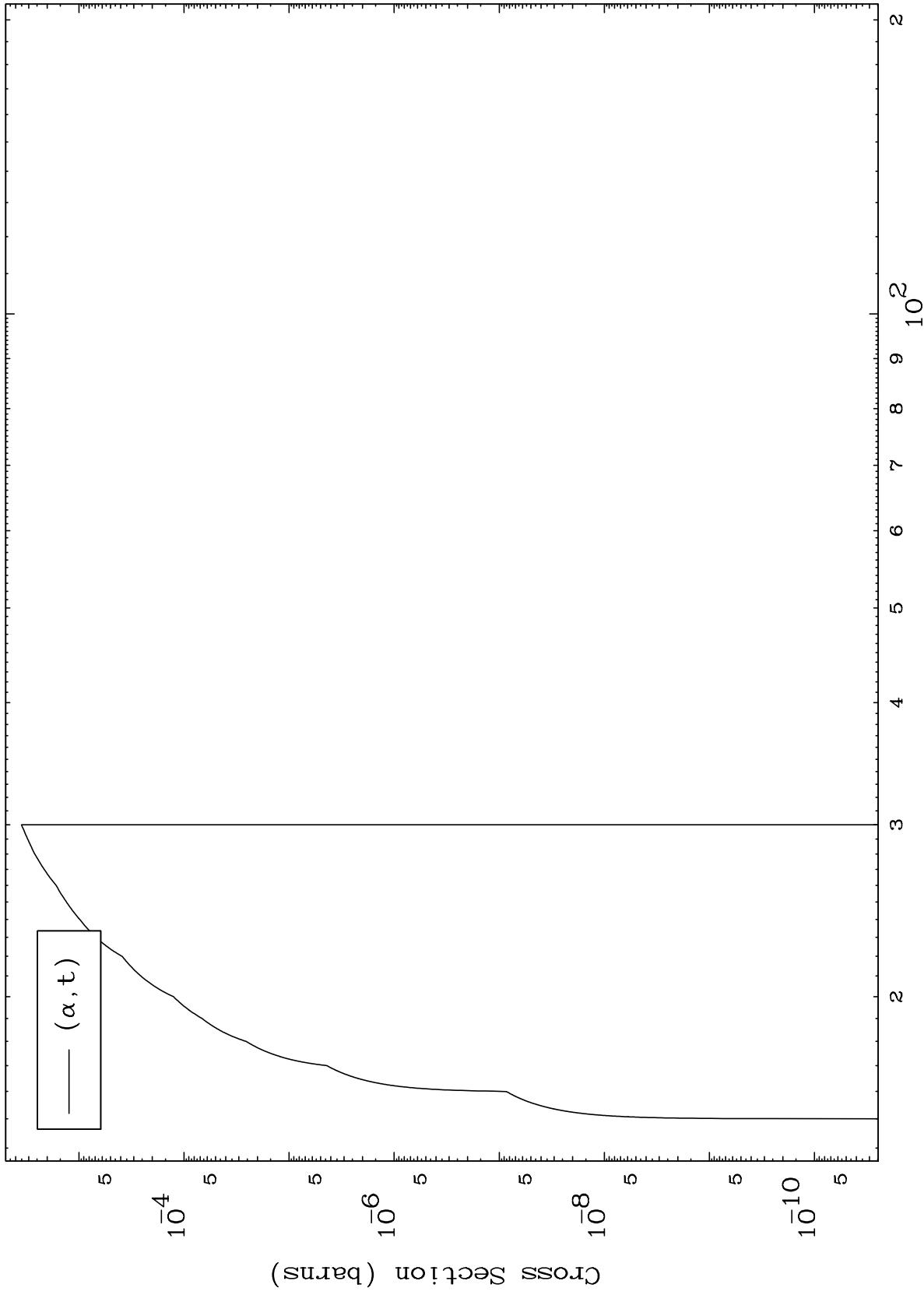
20-Ca-44

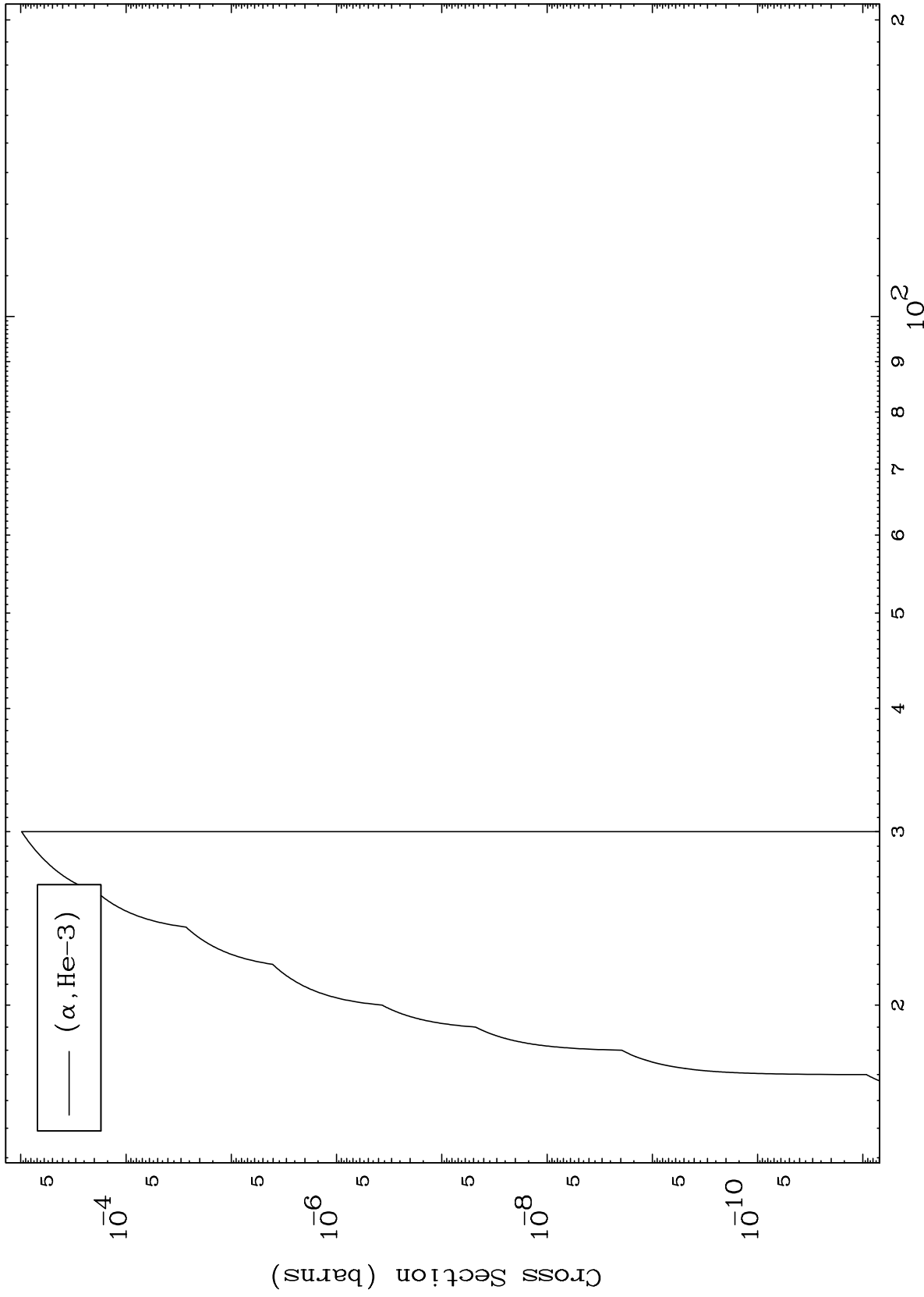


7

Incident Energy (MeV)

20-Ca-44

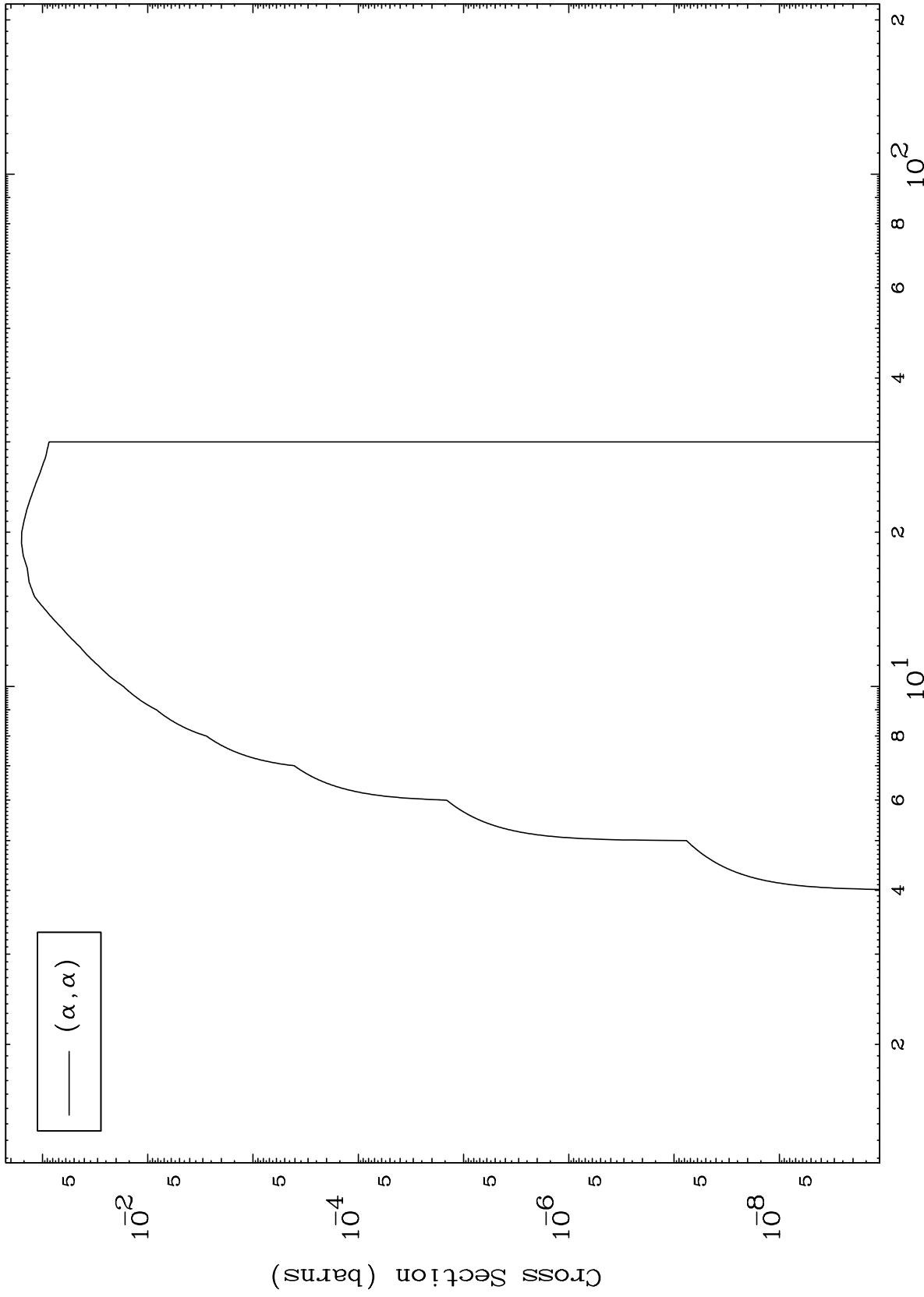




MAT 2037

(α, α) Levels
0 Kelvin Cross Sections

20-Ca-44

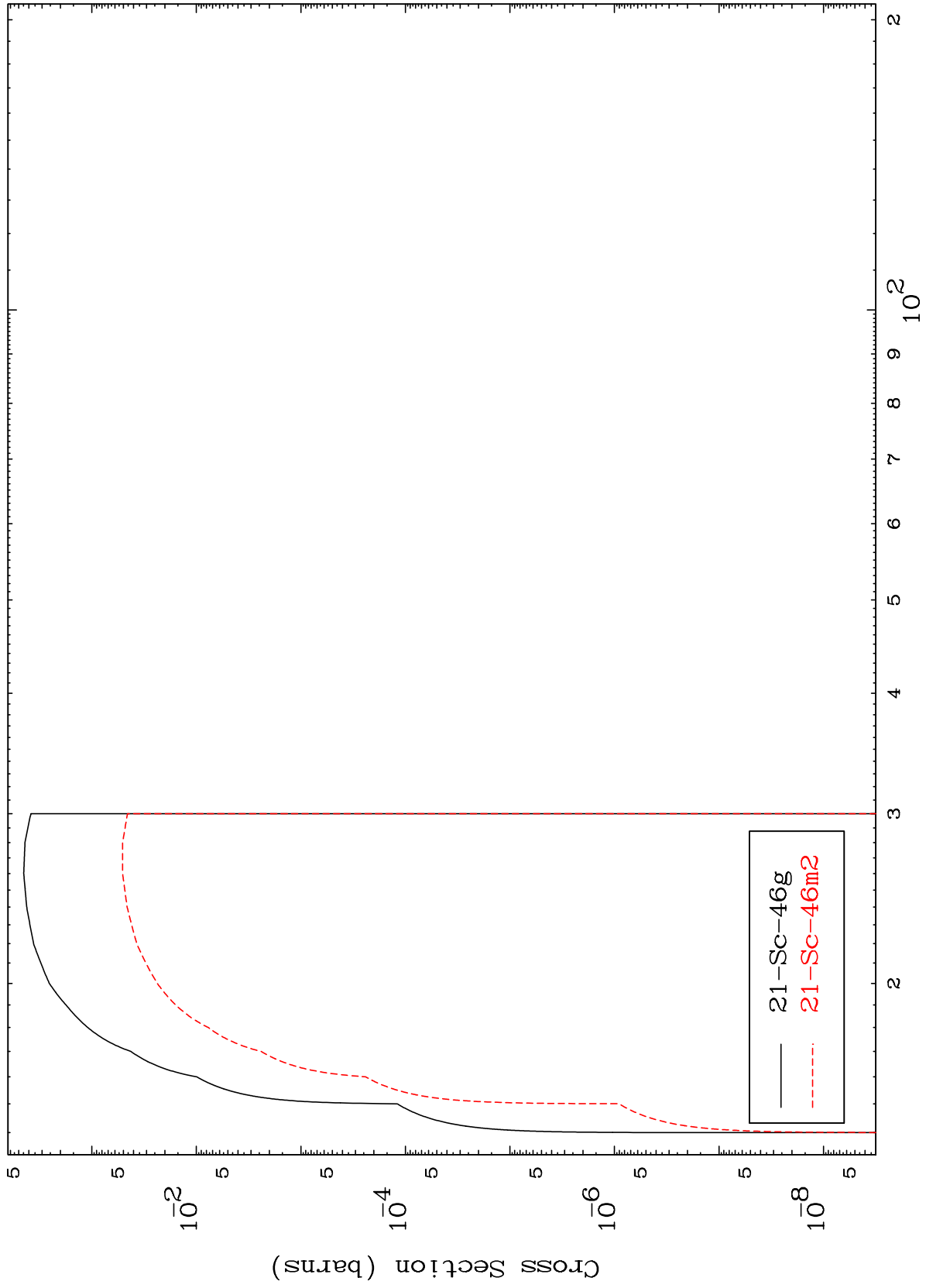


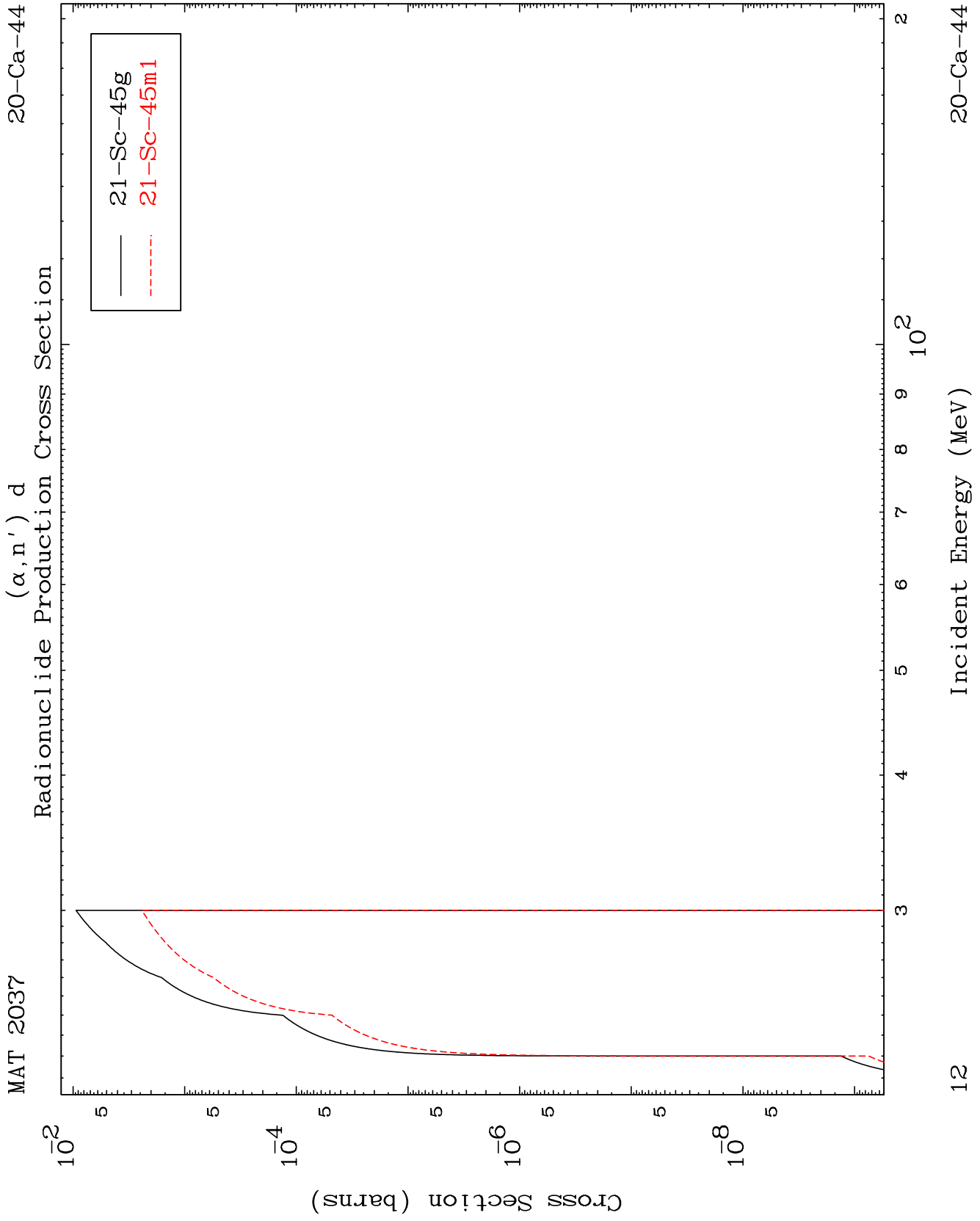
10

Incident Energy (MeV)

20-Ca-44

Radionuclide Production Cross Section



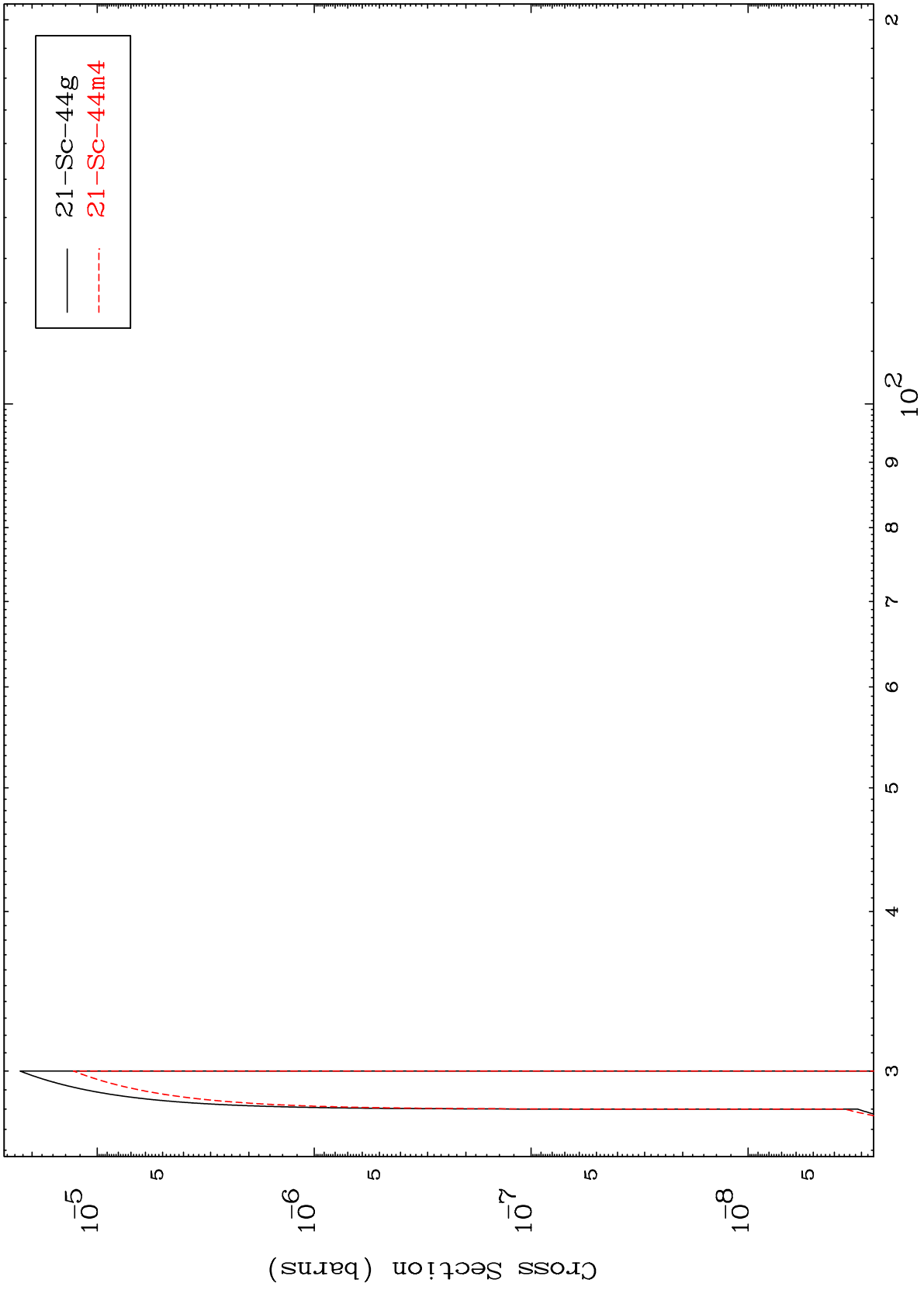


MAT 2037

(α, n') t

²⁰Ca-44

Radionuclide Production Cross Section



13

Incident Energy (MeV)

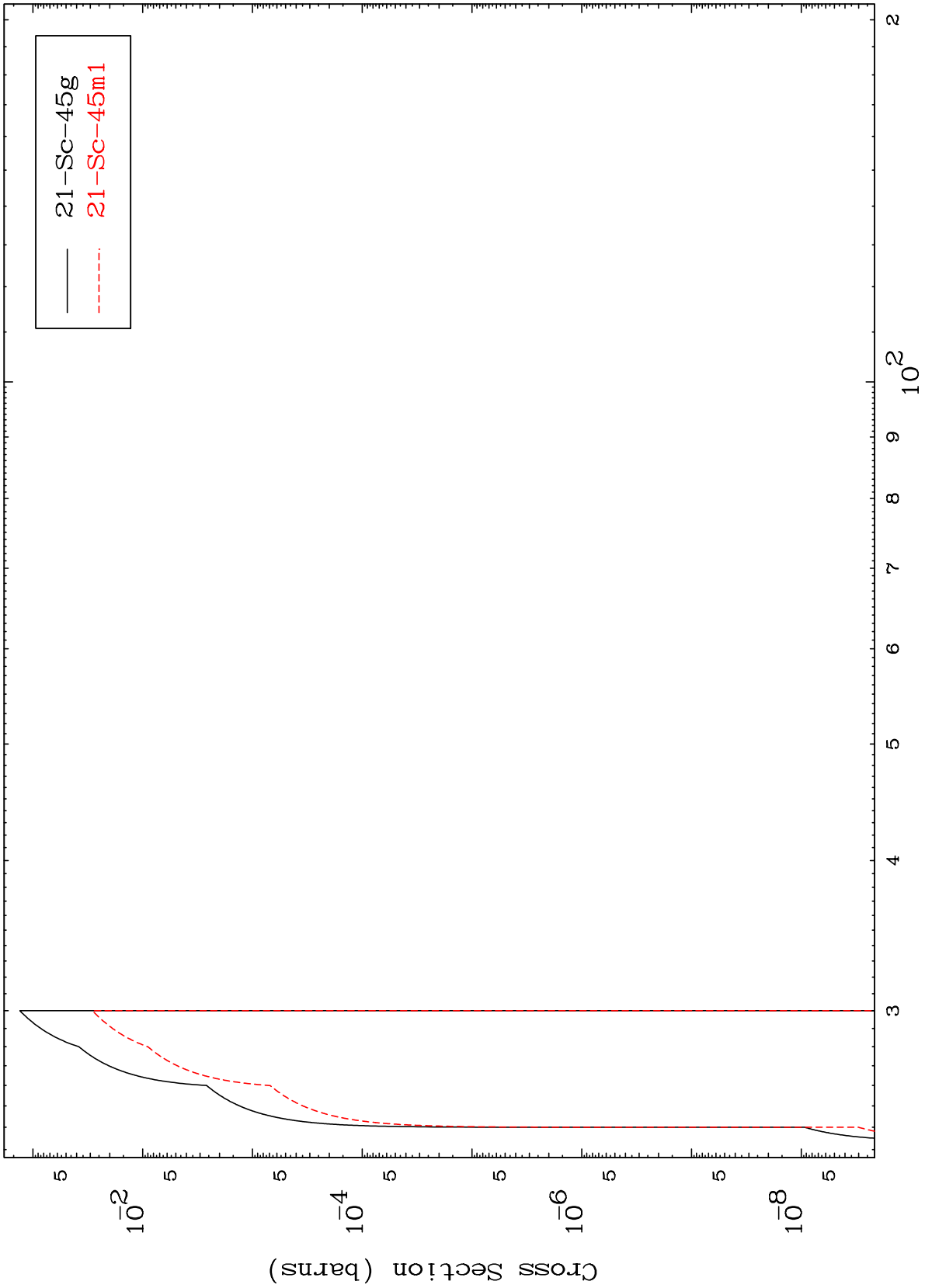
²⁰Ca-44

MAT 2037

($\alpha, 2n$) p

20-Ca-44

Radionuclide Production Cross Section



14

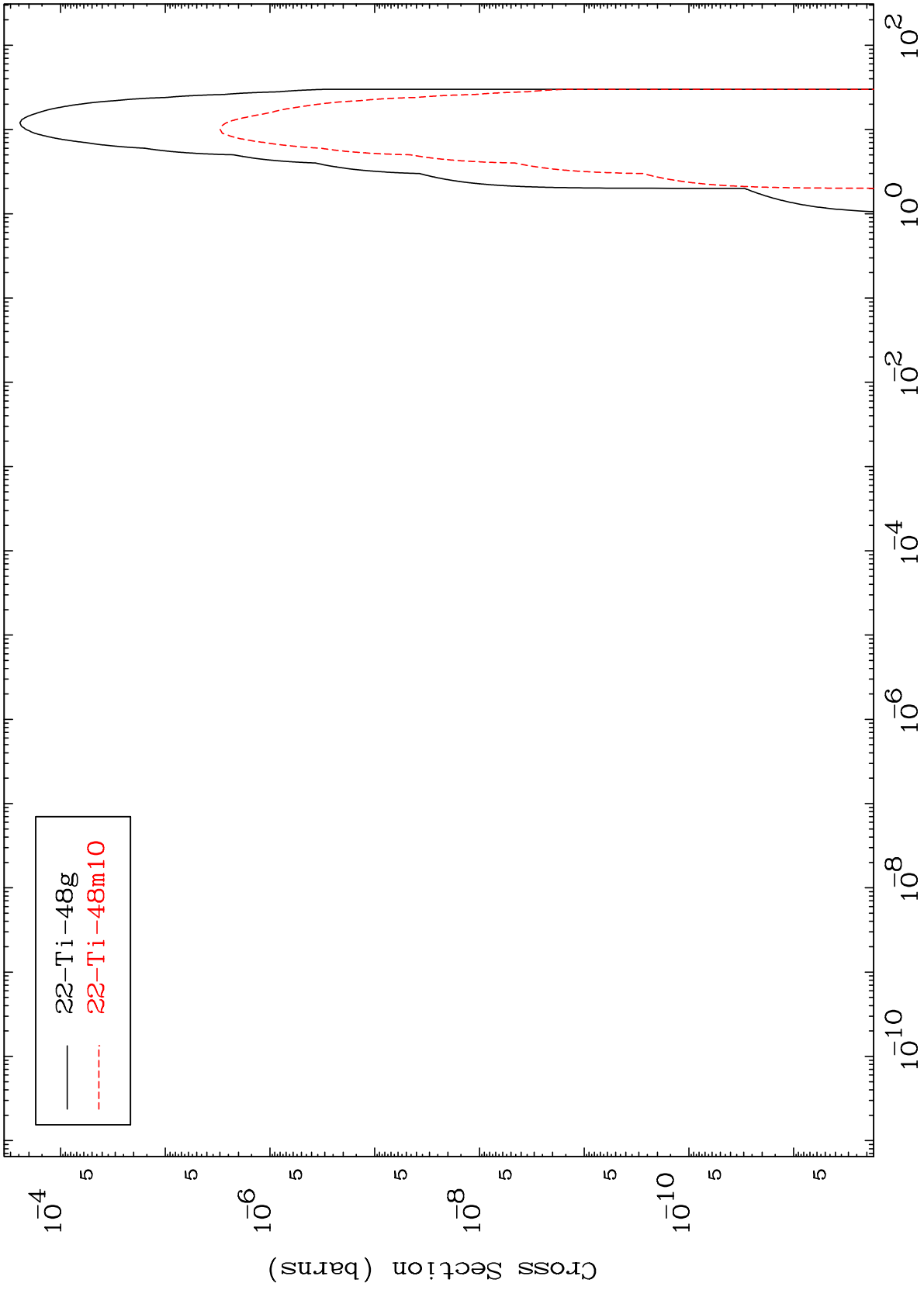
Incident Energy (MeV)

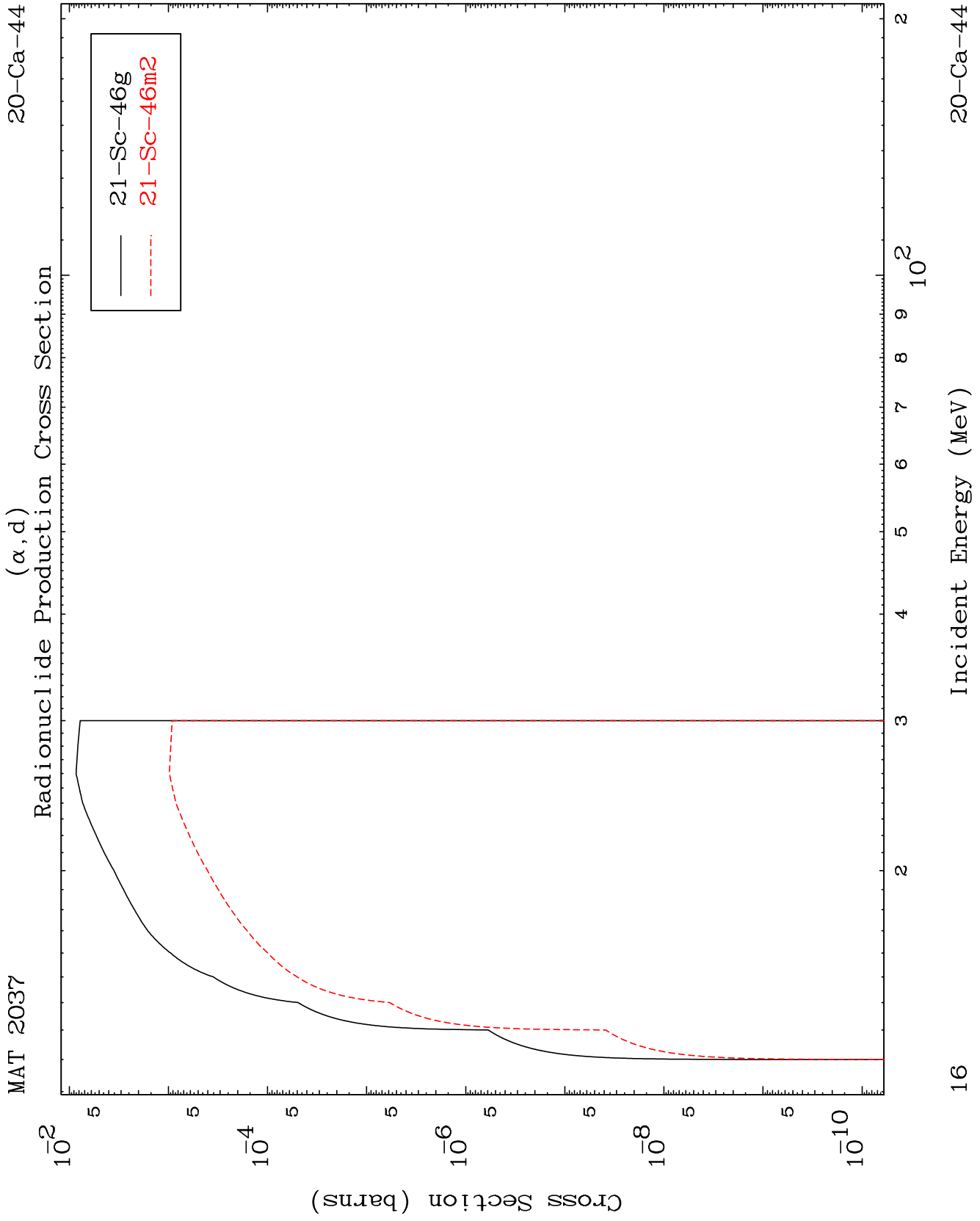
20-Ca-44

MAT 2037

Radionuclide Production Cross Section
(α, γ)

20-Ca-44



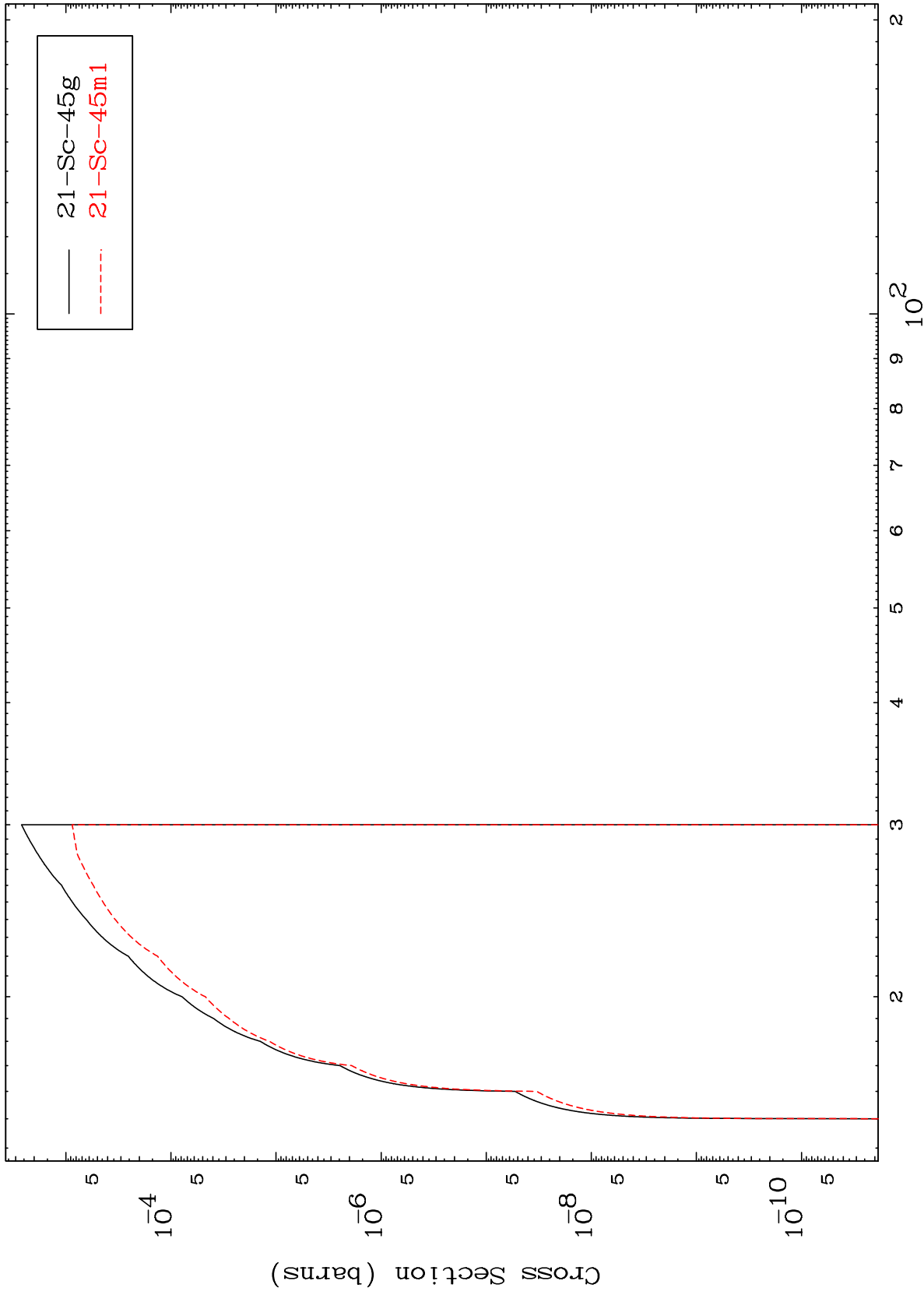


MAT 2037

(α, t)

20-Ca-44

Radionuclide Production Cross Section



17

Incident Energy (MeV)

20-Ca-44