

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

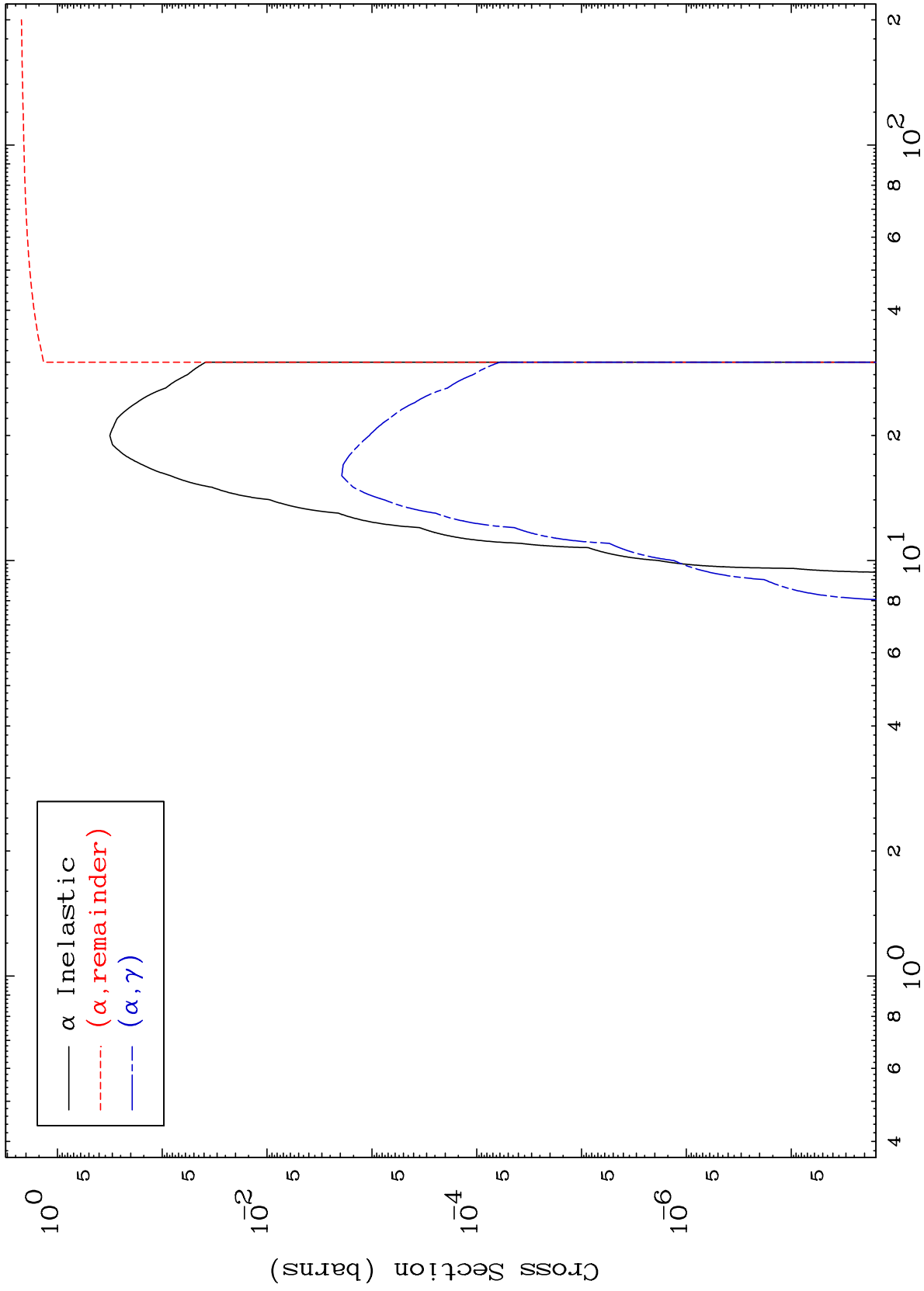
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5416

0 Kelvin α Major
Cross Sections

54-Xe-121



1

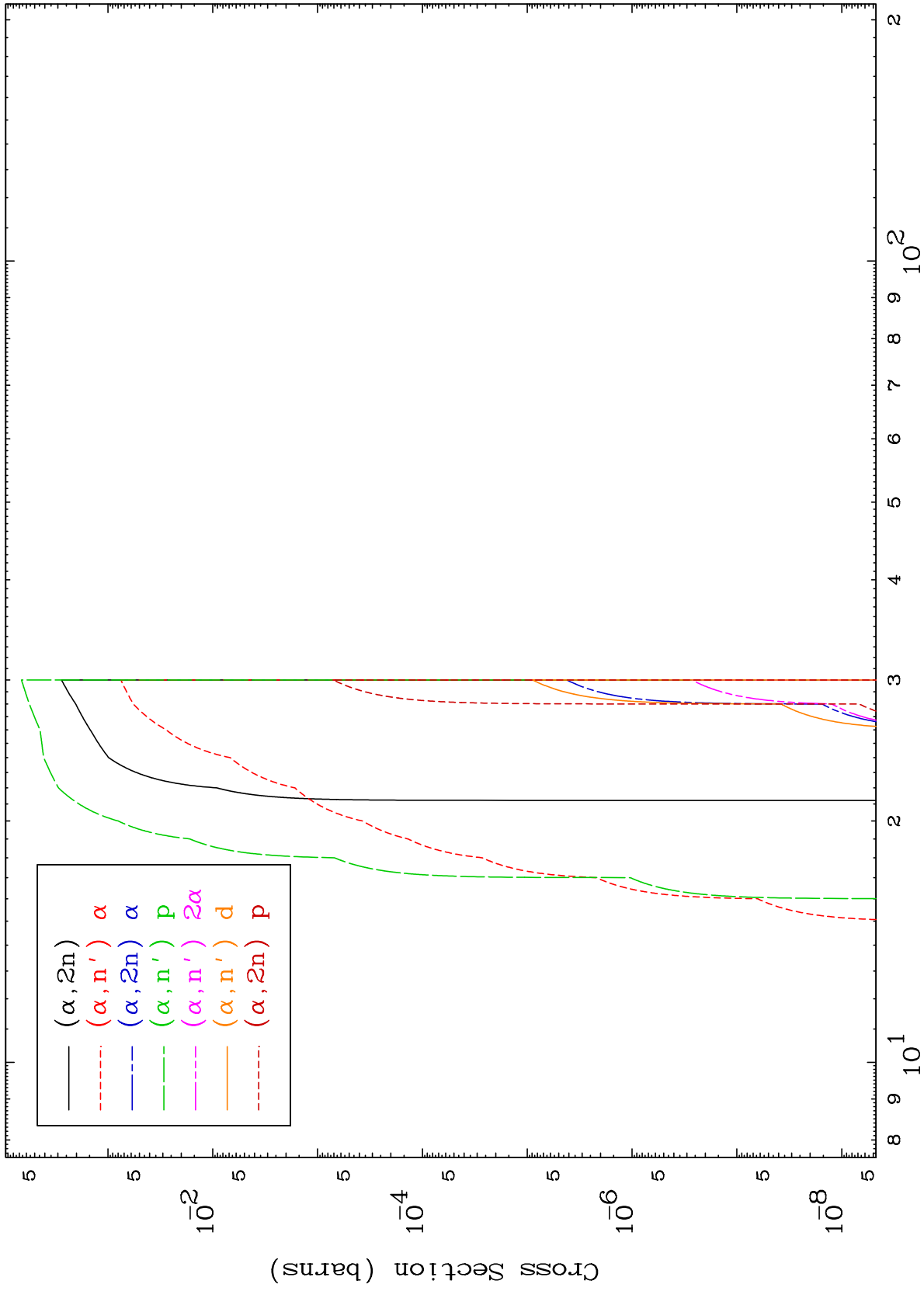
Incident Energy (MeV)

54-Xe-121

MAT 5416

α Neutron Production
0 Kelvin Cross Sections

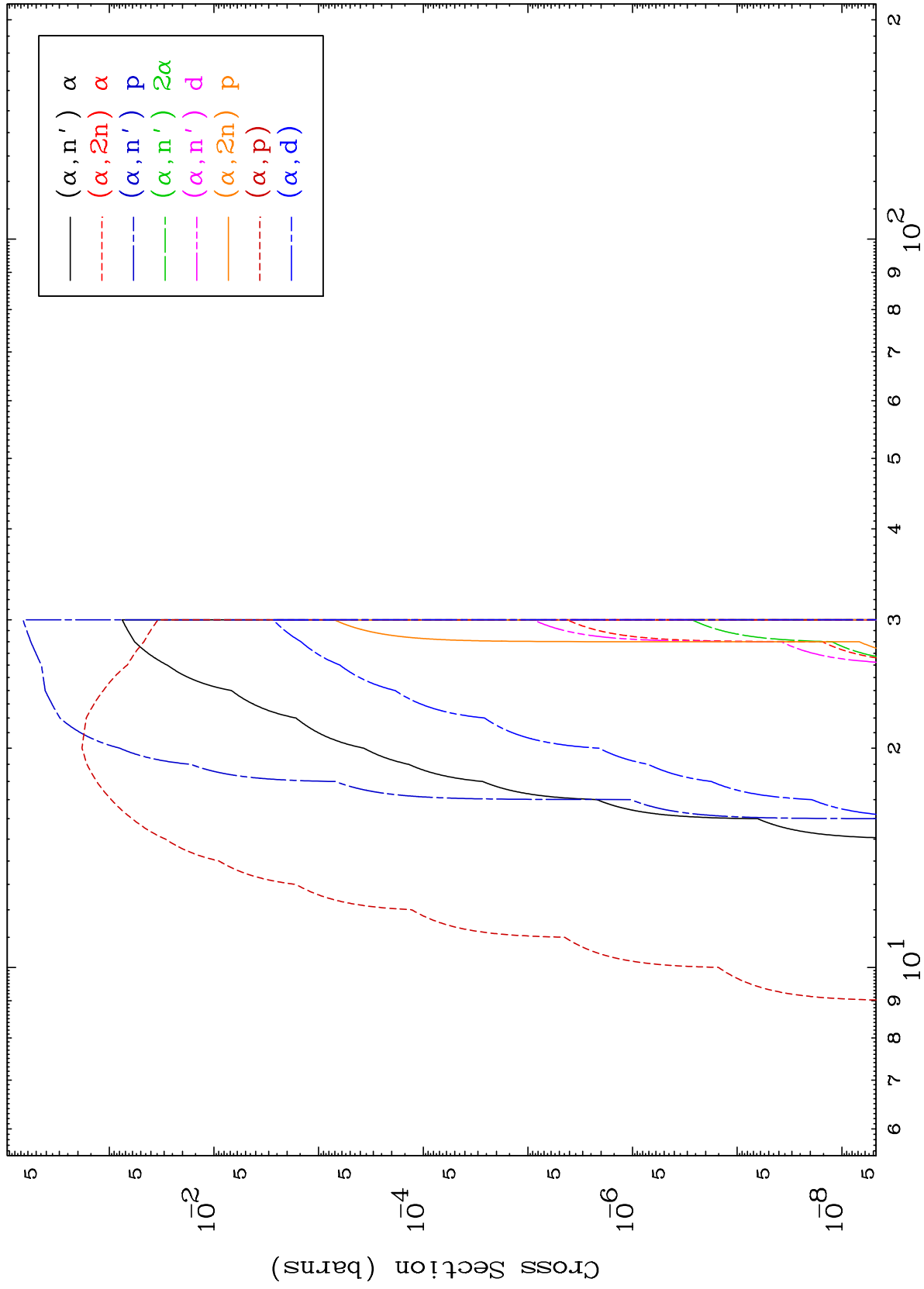
54-Xe-121



2

Incident Energy (MeV)

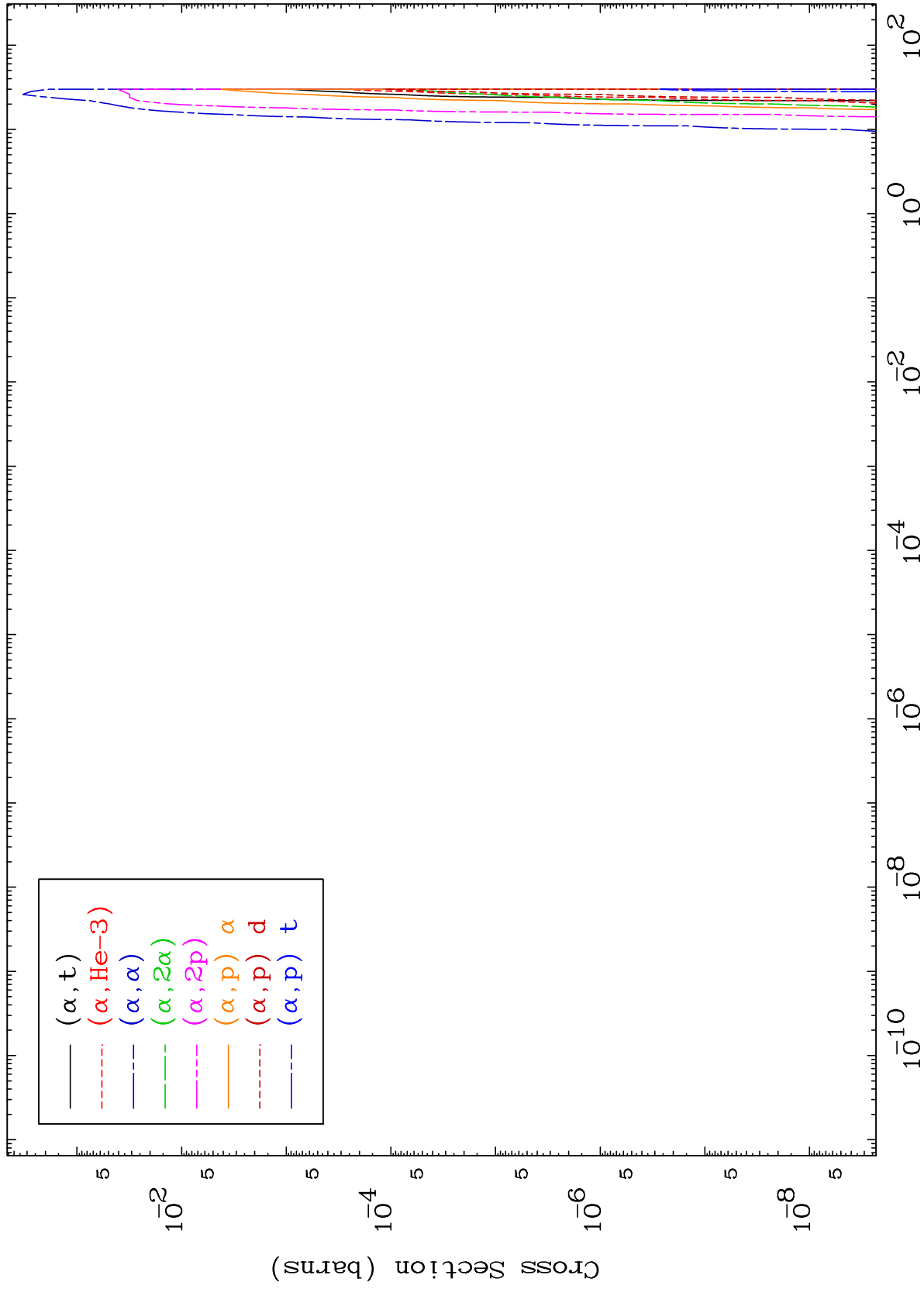
54-Xe-121



MAT 5416

α Charged Particle
0 Kelvin Cross Sections

54-Xe-121



4

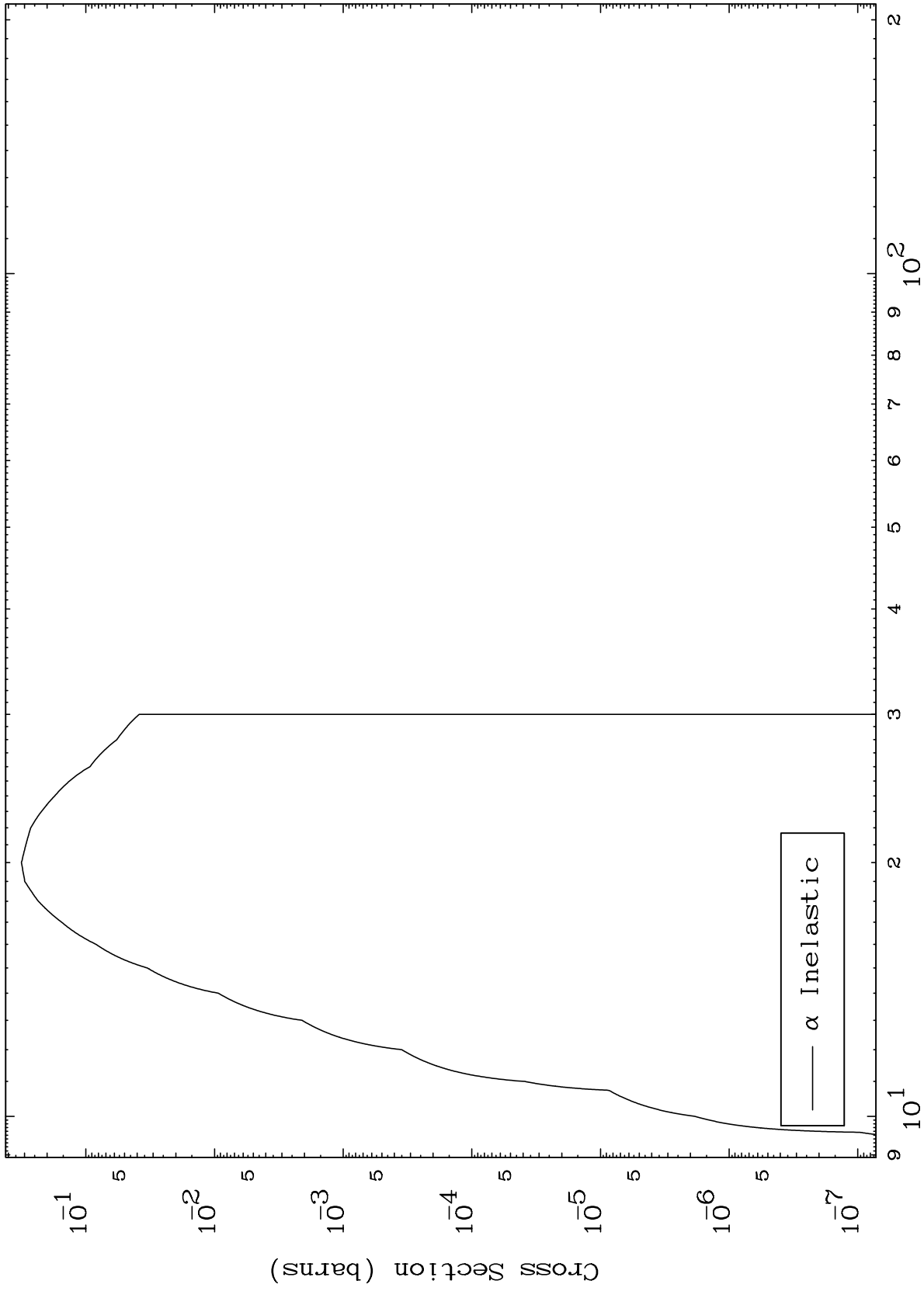
Incident Energy (MeV)

54-Xe-121

MAT 5416

(α, n') Level
0 Kelvin Cross Sections

54-Xe-121



5

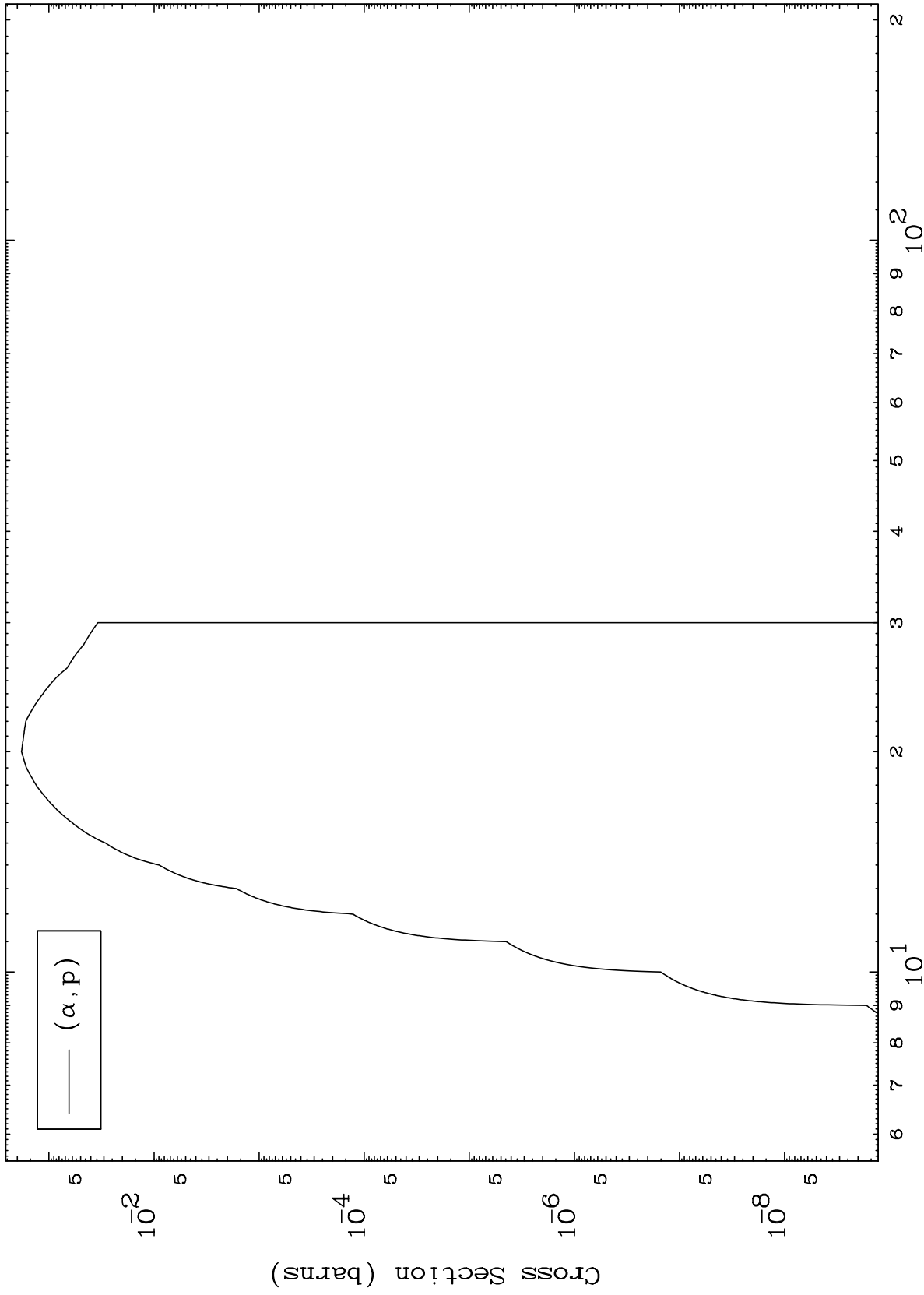
Incident Energy (MeV)

54-Xe-121

MAT 5416

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-121



6

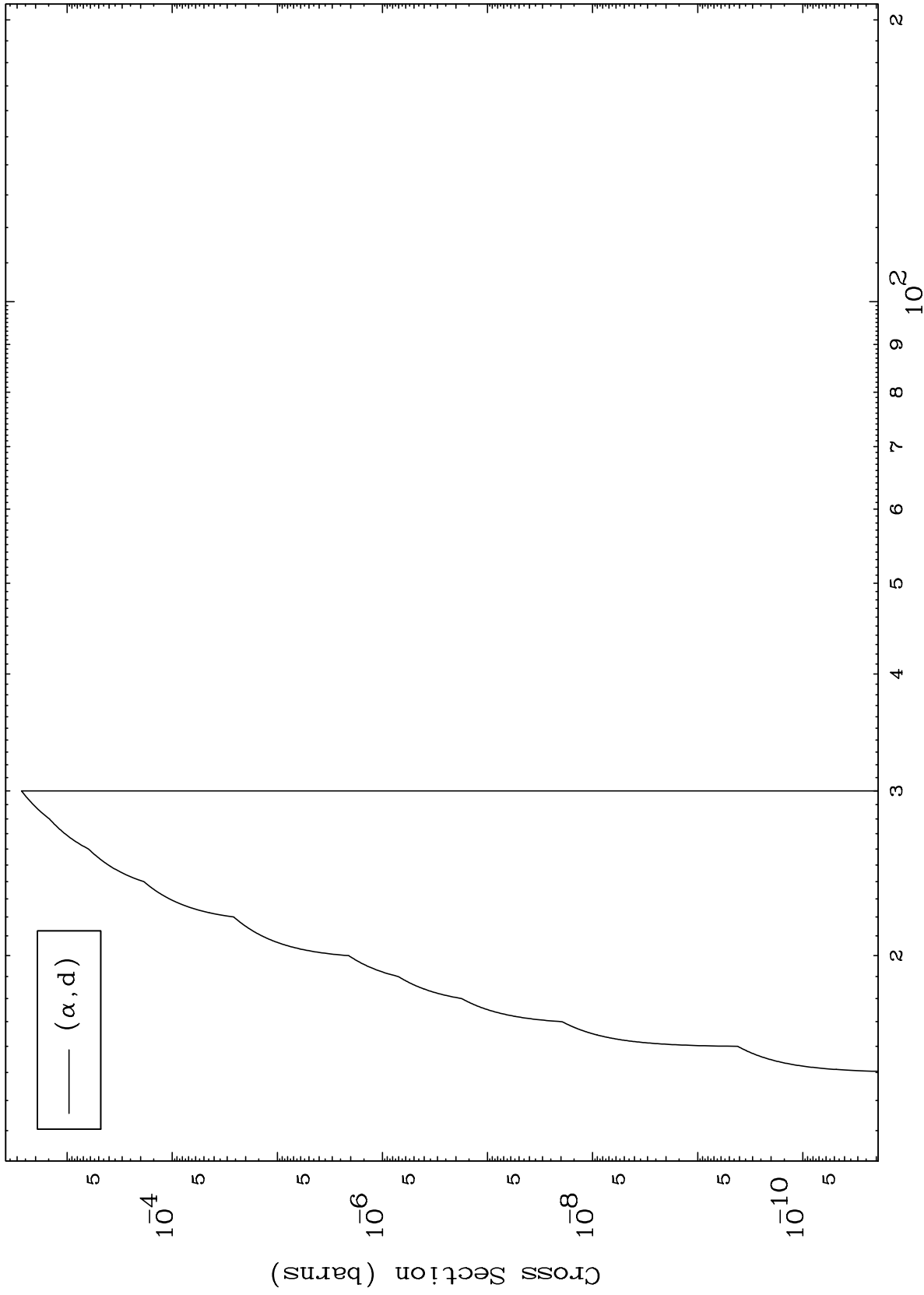
Incident Energy (MeV)

54-Xe-121

MAT 5416

(α, d) Levels
0 Kelvin Cross Sections

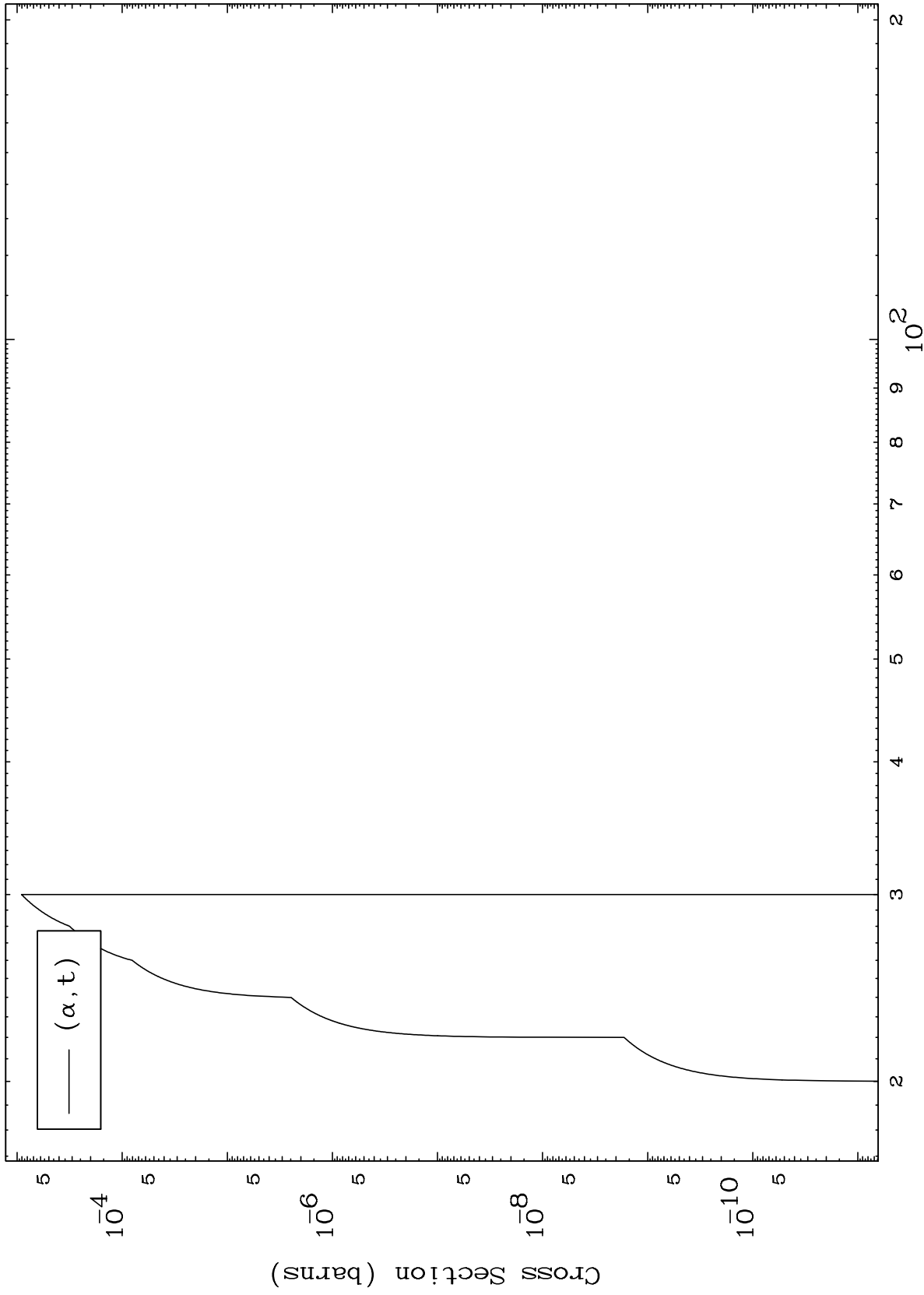
54-Xe-121



MAT 5416

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-121



8

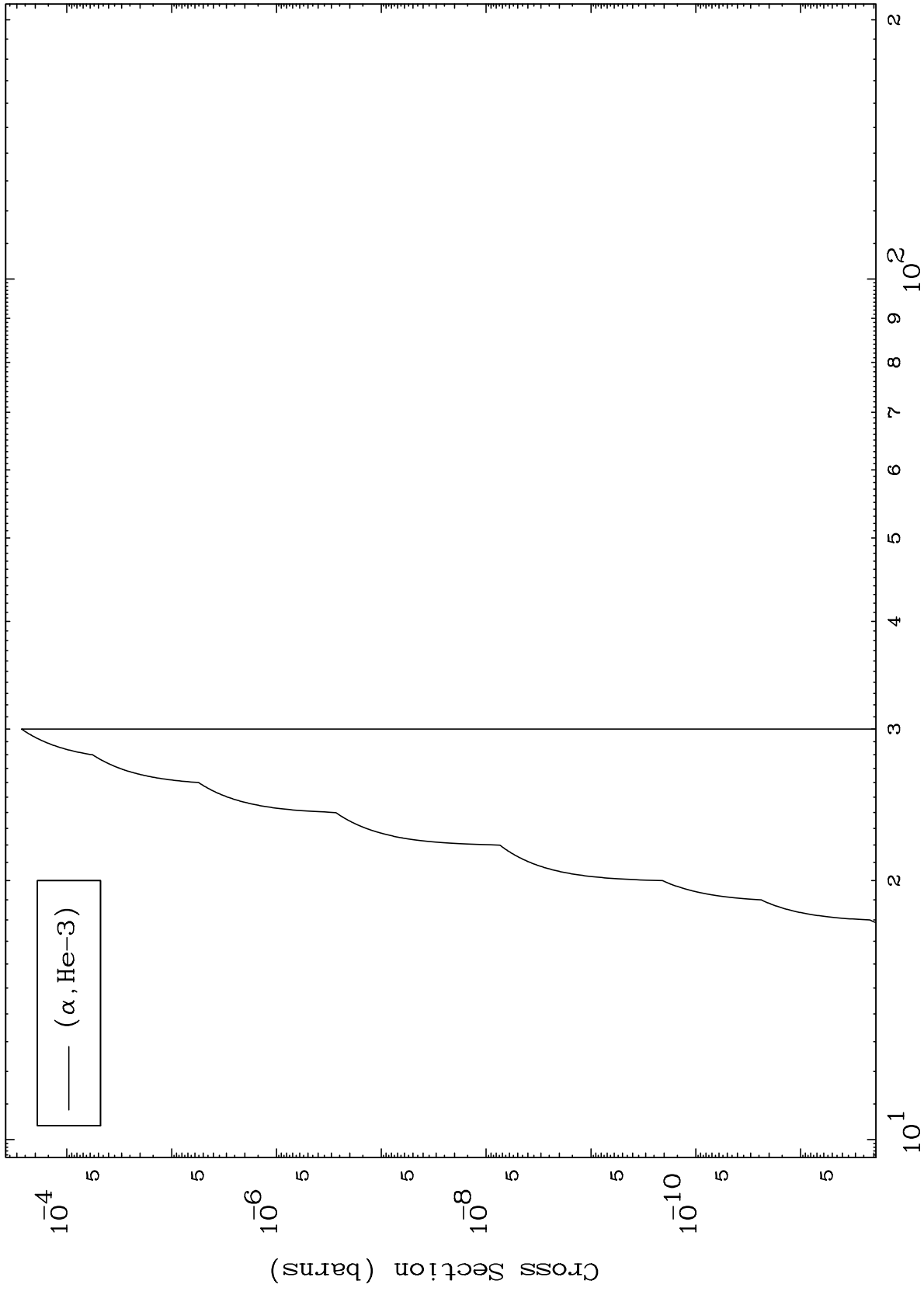
Incident Energy (MeV)

54-Xe-121

MAT 5416

(α ,He3) Levels
0 Kelvin Cross Sections

54-Xe-121



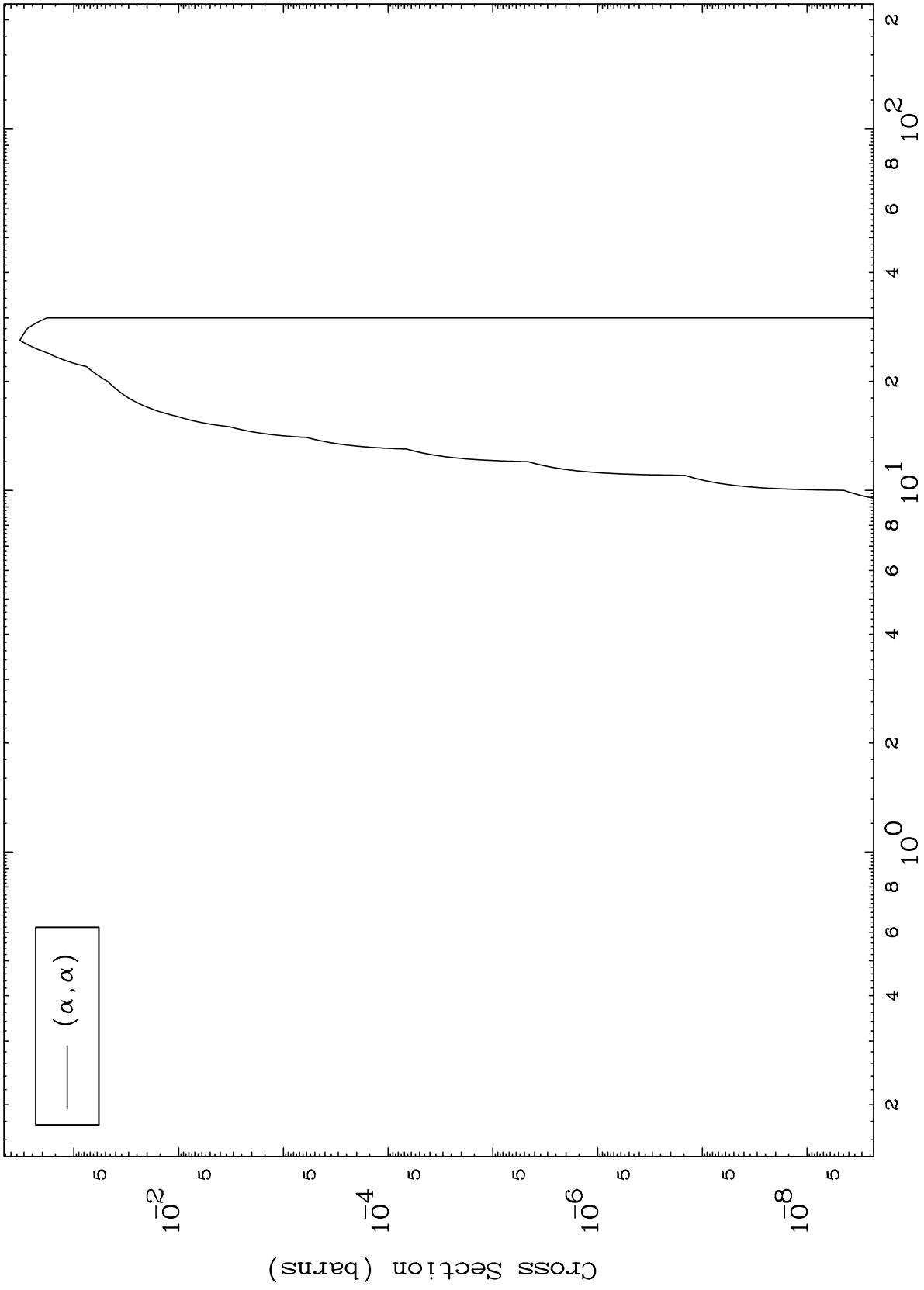
Incident Energy (MeV)

54-Xe-121

MAT 5416

(α, α) Levels
0 Kelvin Cross Sections

54-Xe-121



10

Incident Energy (MeV)

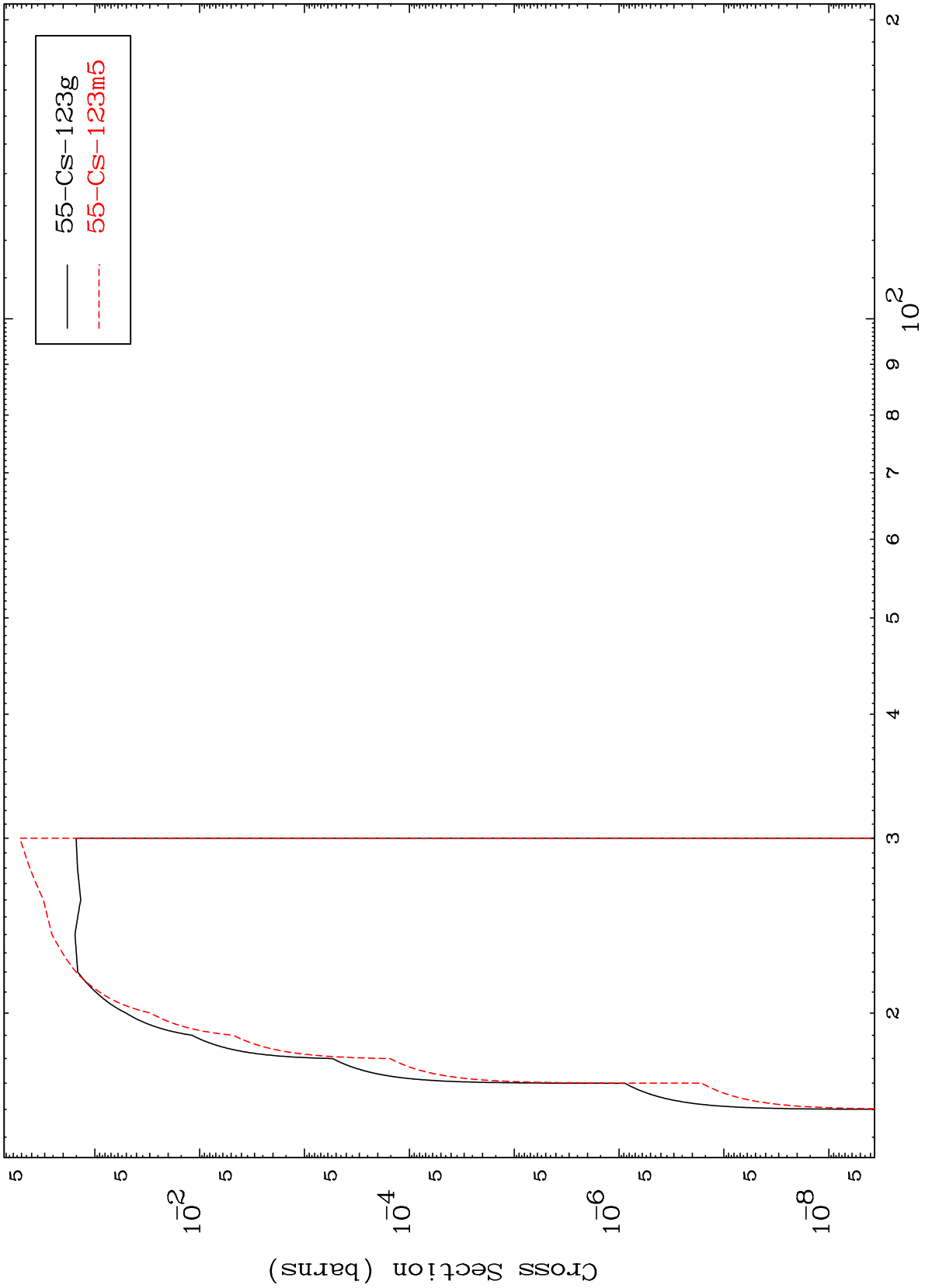
54-Xe-121

MAT 5416

(α, n') p

54-Xe-121

Radionuclide Production Cross Section



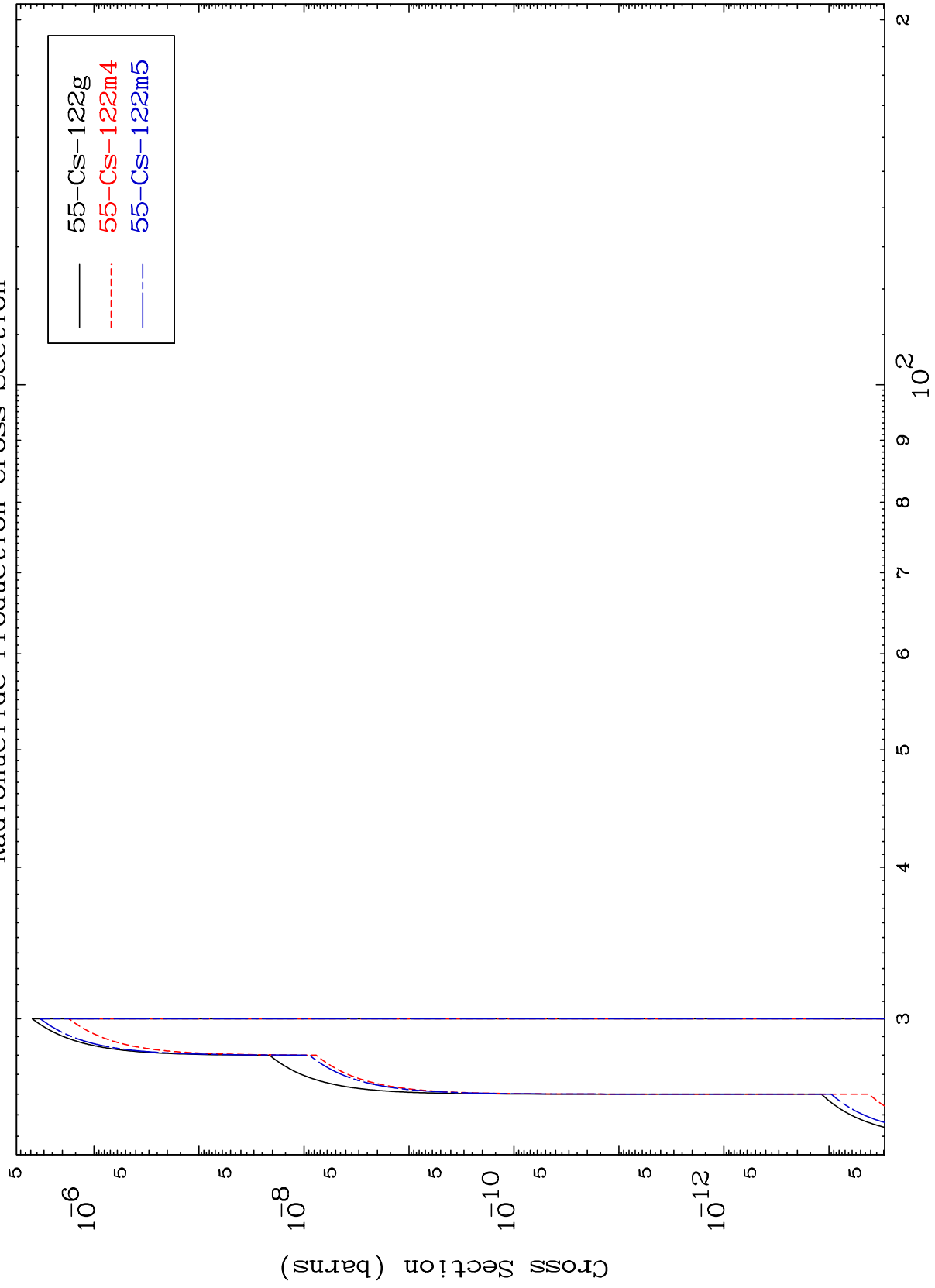
54-Xe-121

MAT 5416

(α, n') d

54-Xe-121

Radionuclide Production Cross Section



12

Incident Energy (MeV)

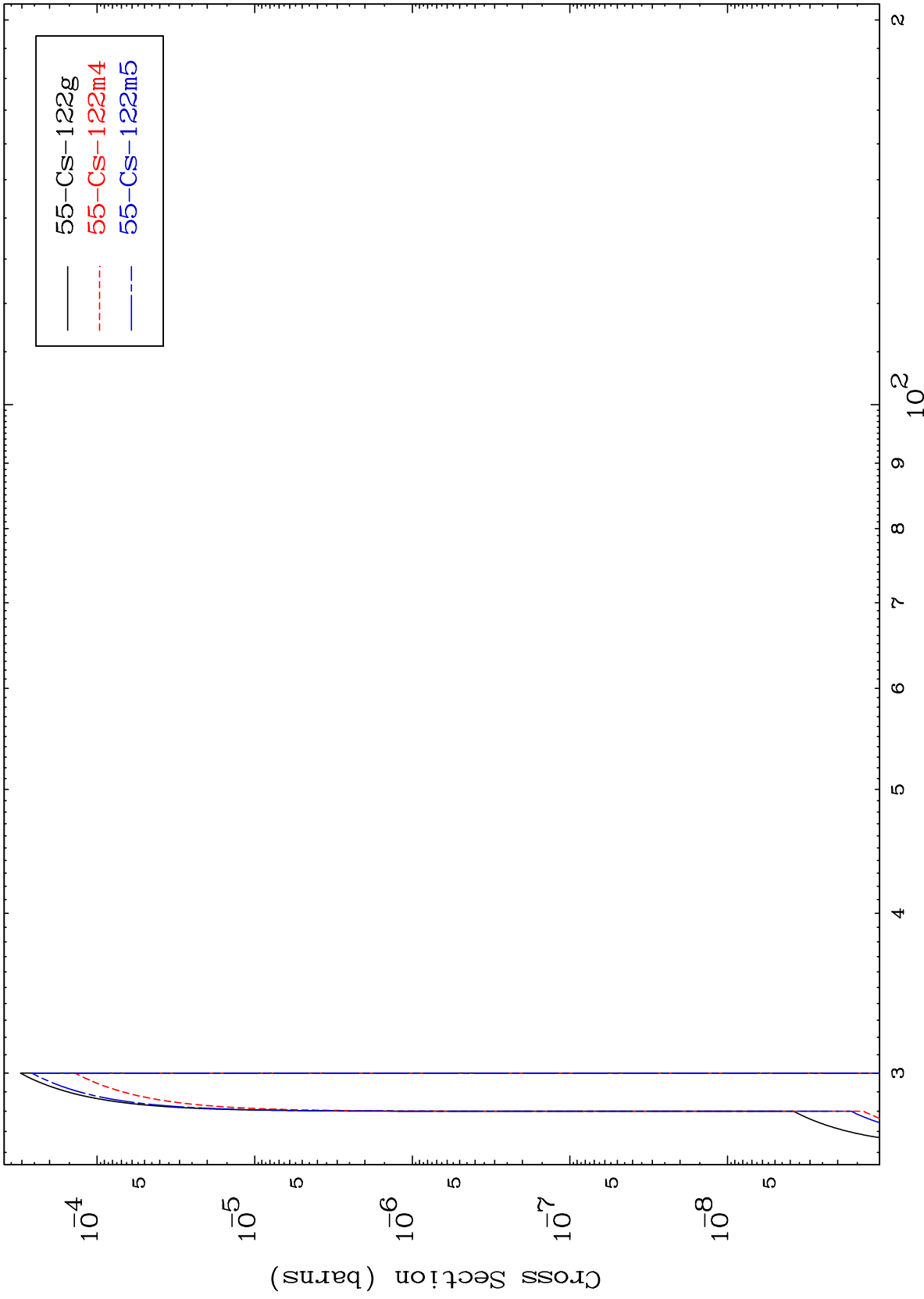
54-Xe-121

MAT 5416

($\alpha, 2n$) p

54-Xe-121

Radionuclide Production Cross Section



13

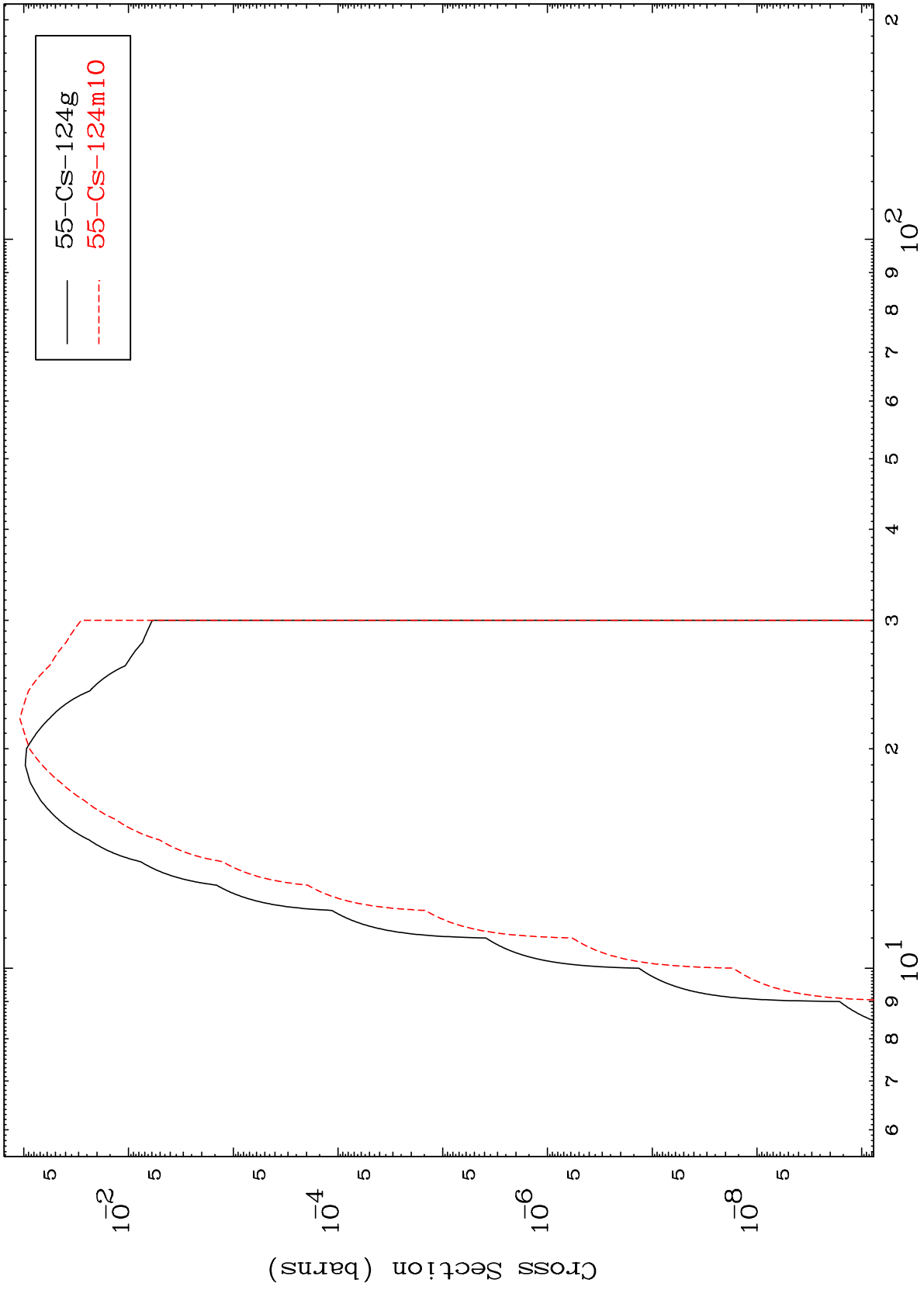
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

(α, p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

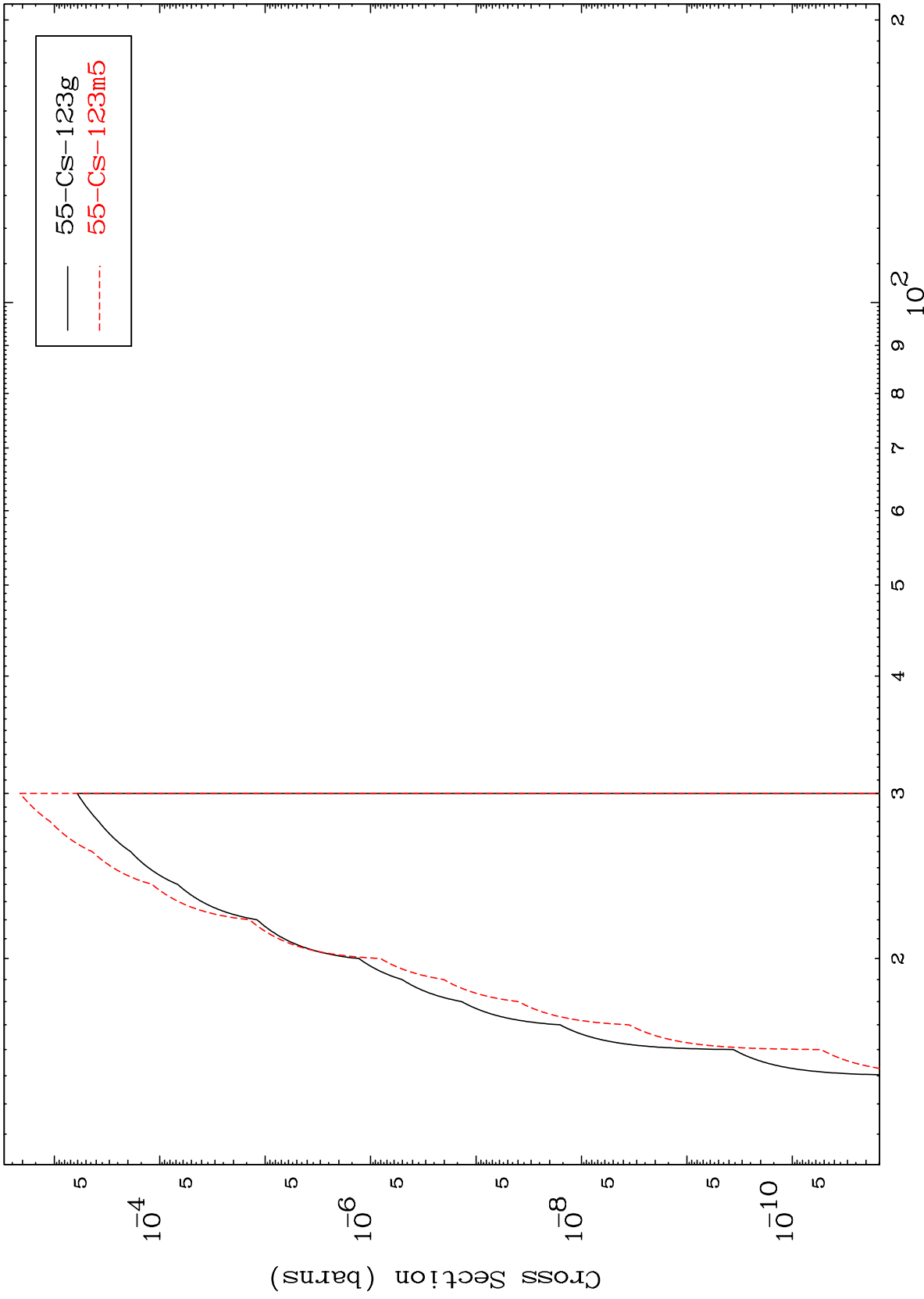
54-Xe-121

MAT 5416

(α, d)

54-Xe-121

Radionuclide Production Cross Section



15

Incident Energy (MeV)

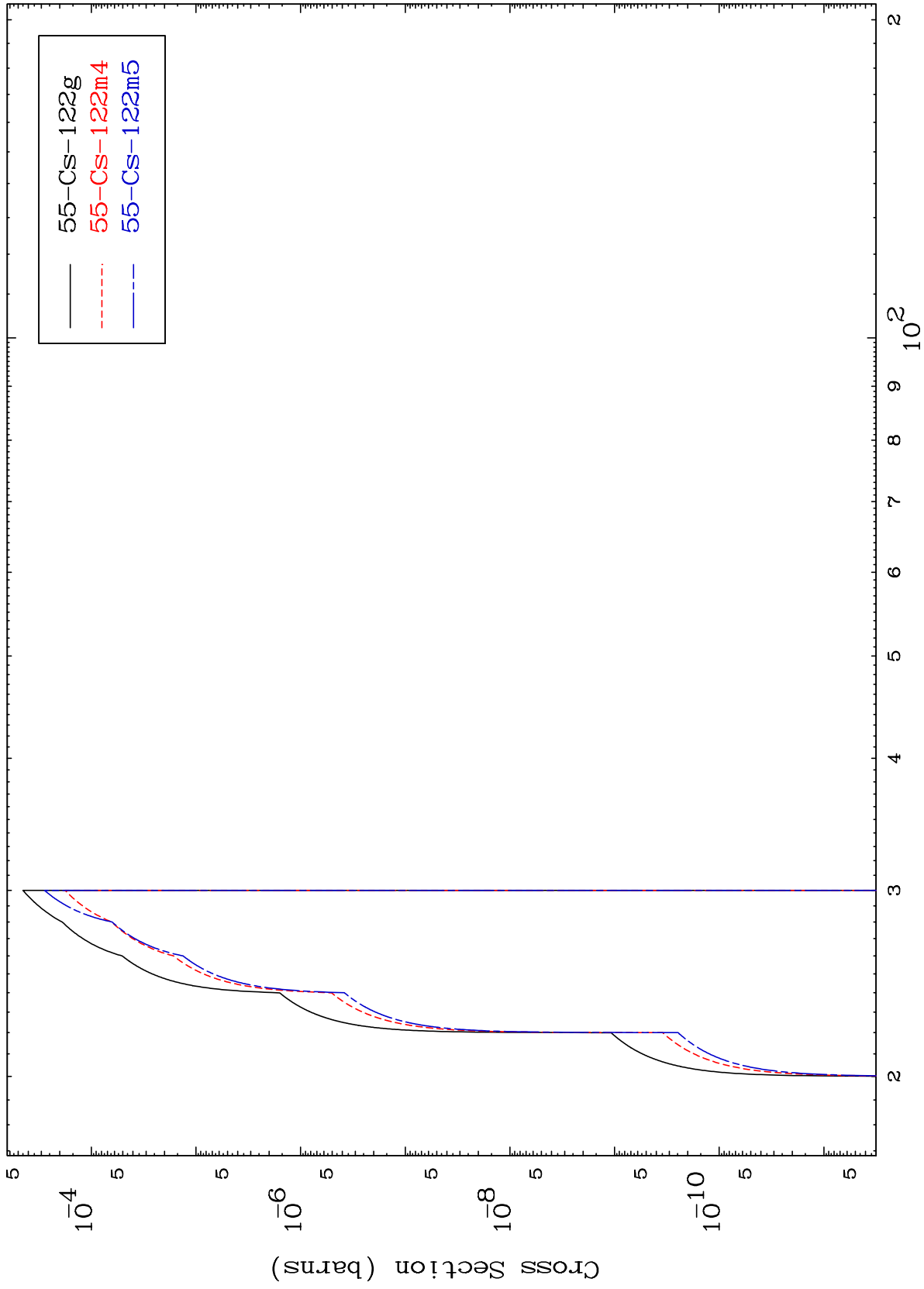
54-Xe-121

MAT 5416

(α, t)

54-Xe-121

Radionuclide Production Cross Section



16

Incident Energy (MeV)

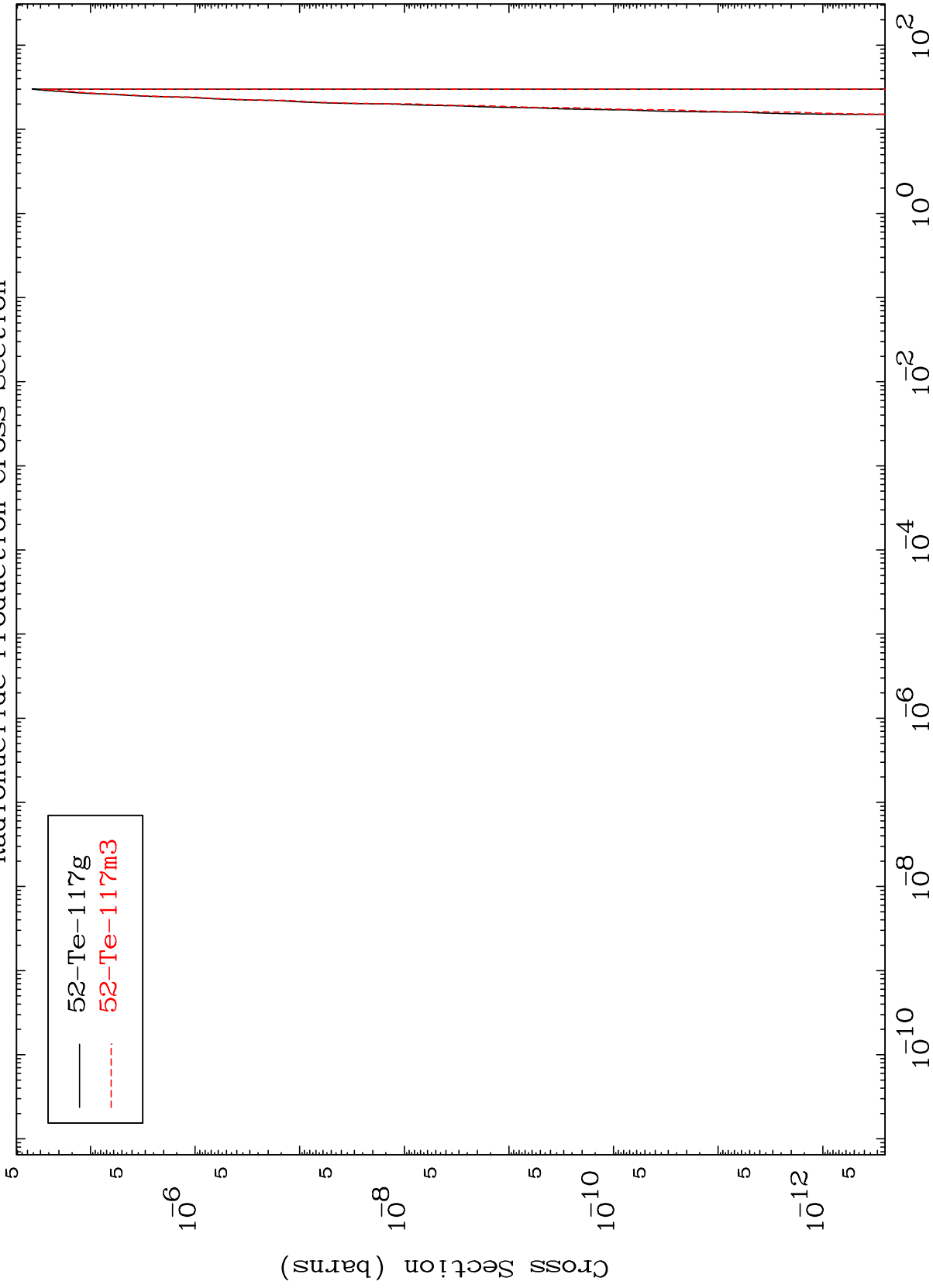
54-Xe-121

MAT 5416

($\alpha, 2\alpha$)

54-Xe-121

Radionuclide Production Cross Section



17

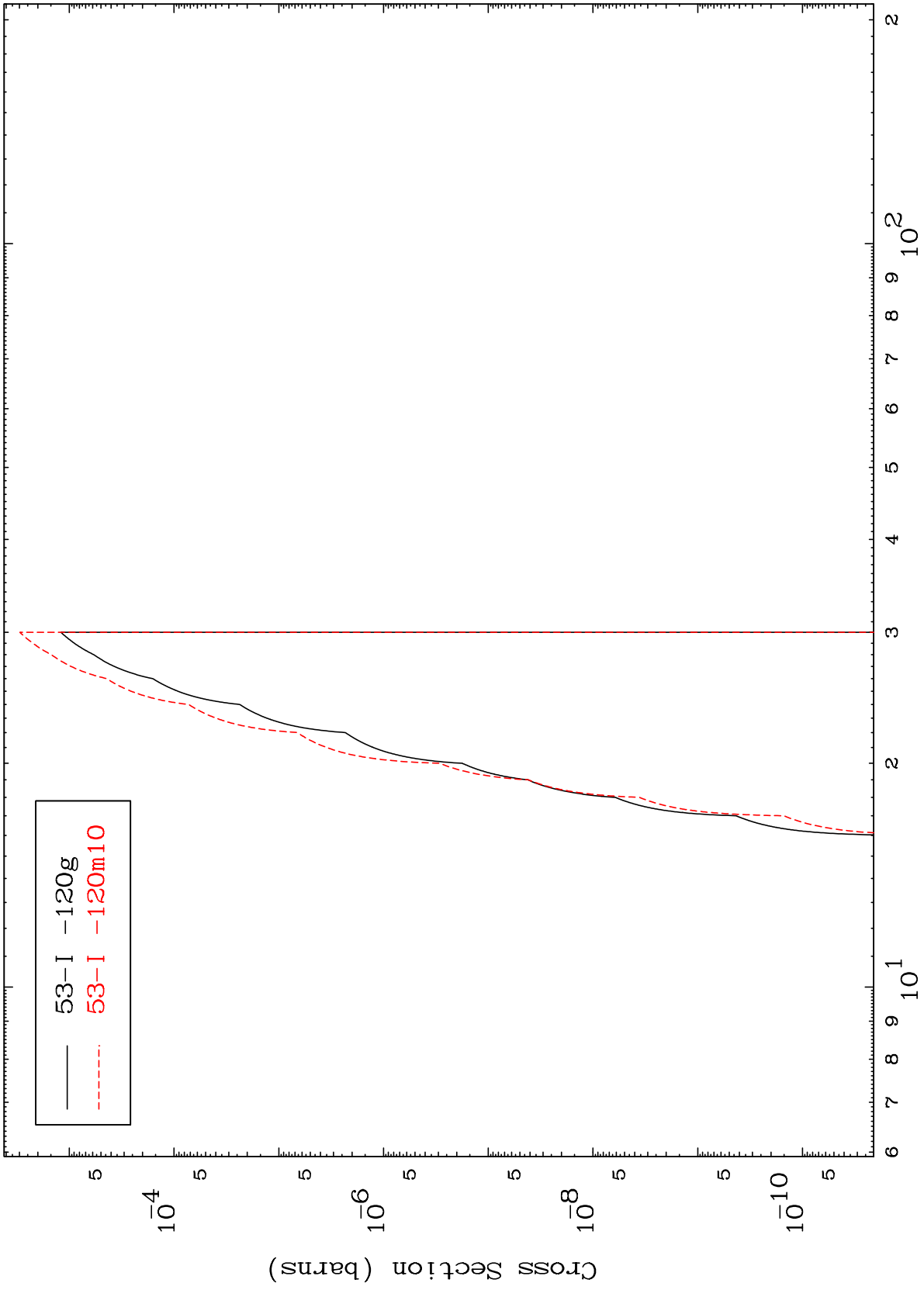
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

(α, p) α
Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-121