

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

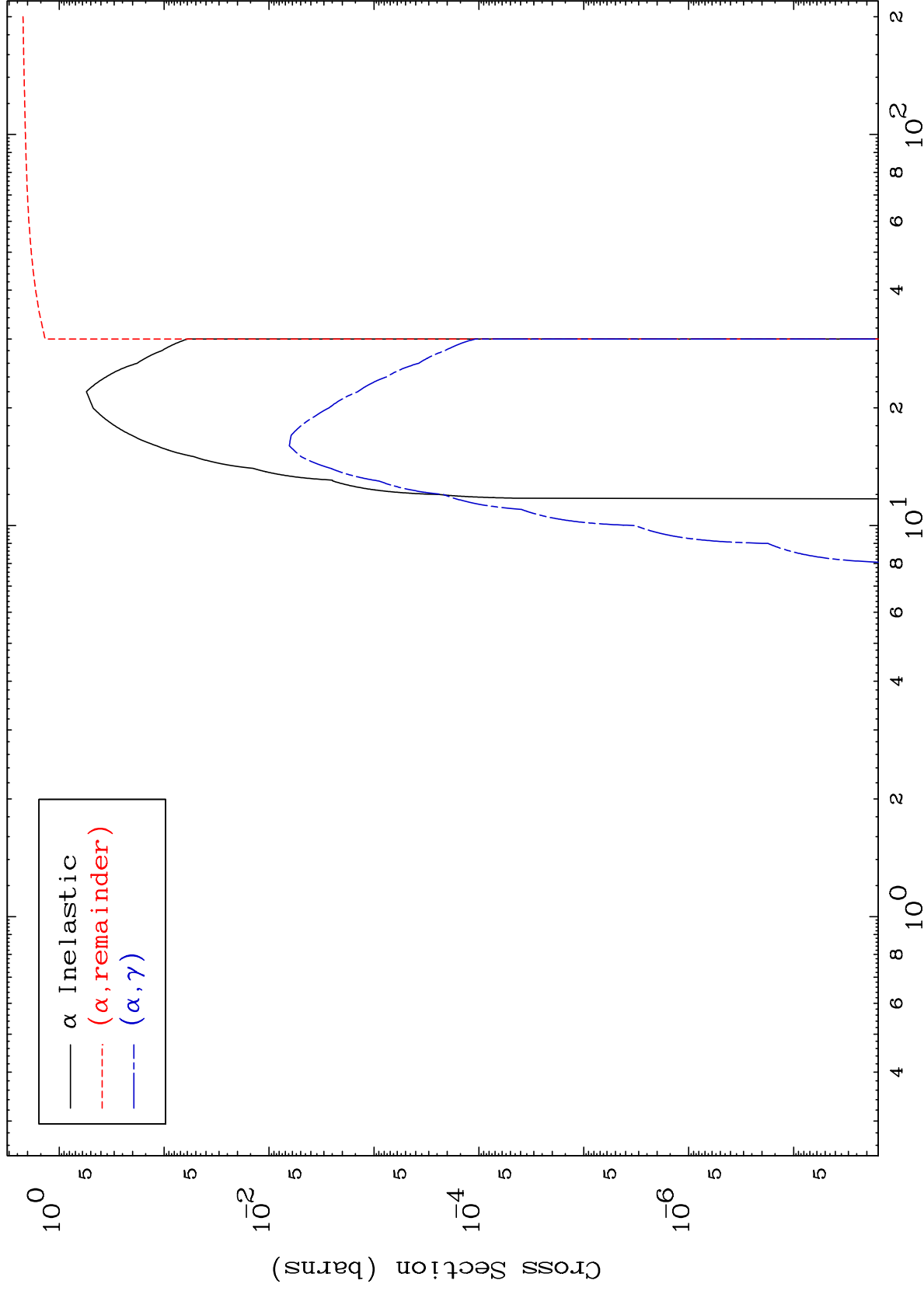
Press Mouse Button to Start

MAT 5419

α Major

54-Xe-122

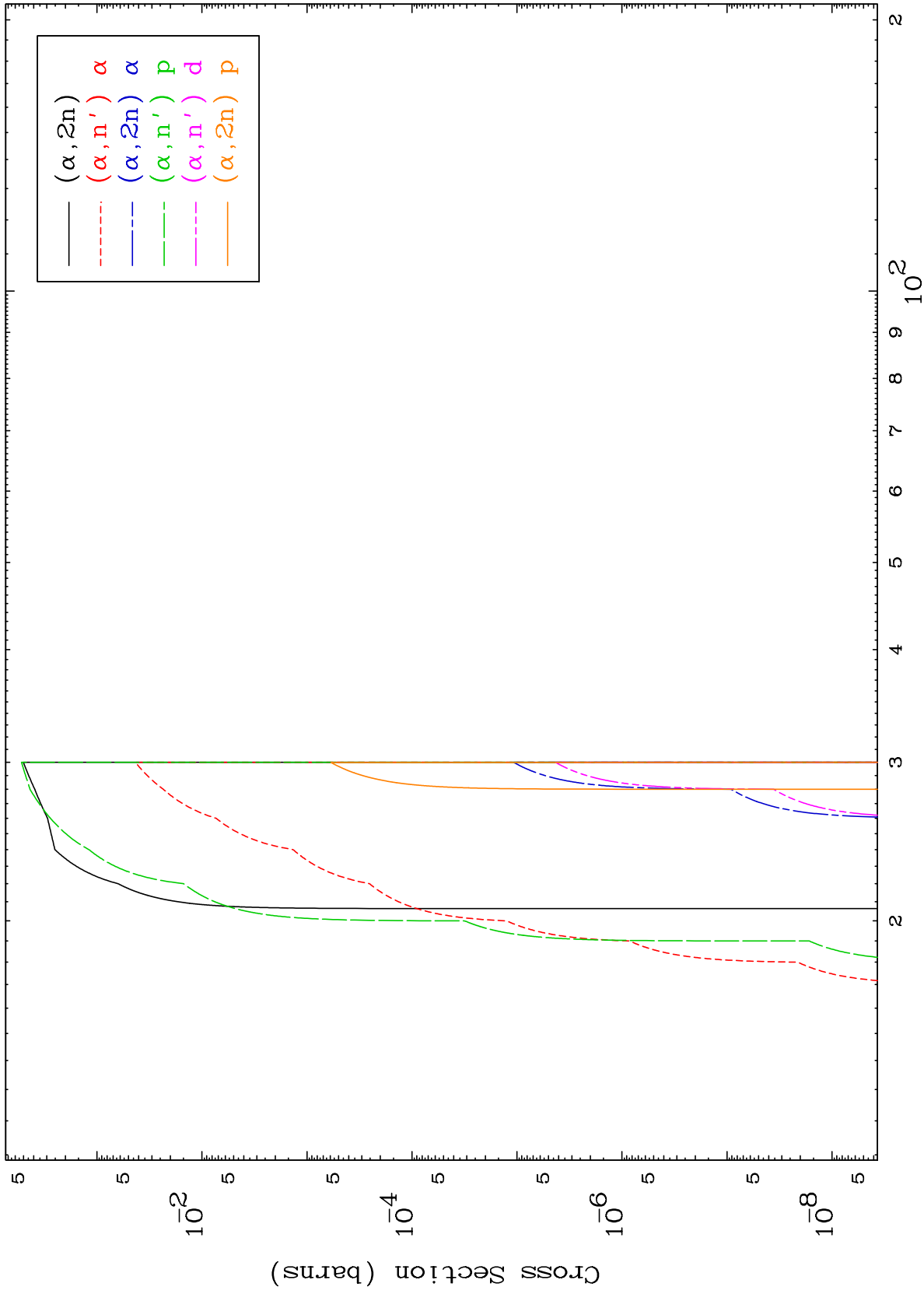
0 Kelvin Cross Sections

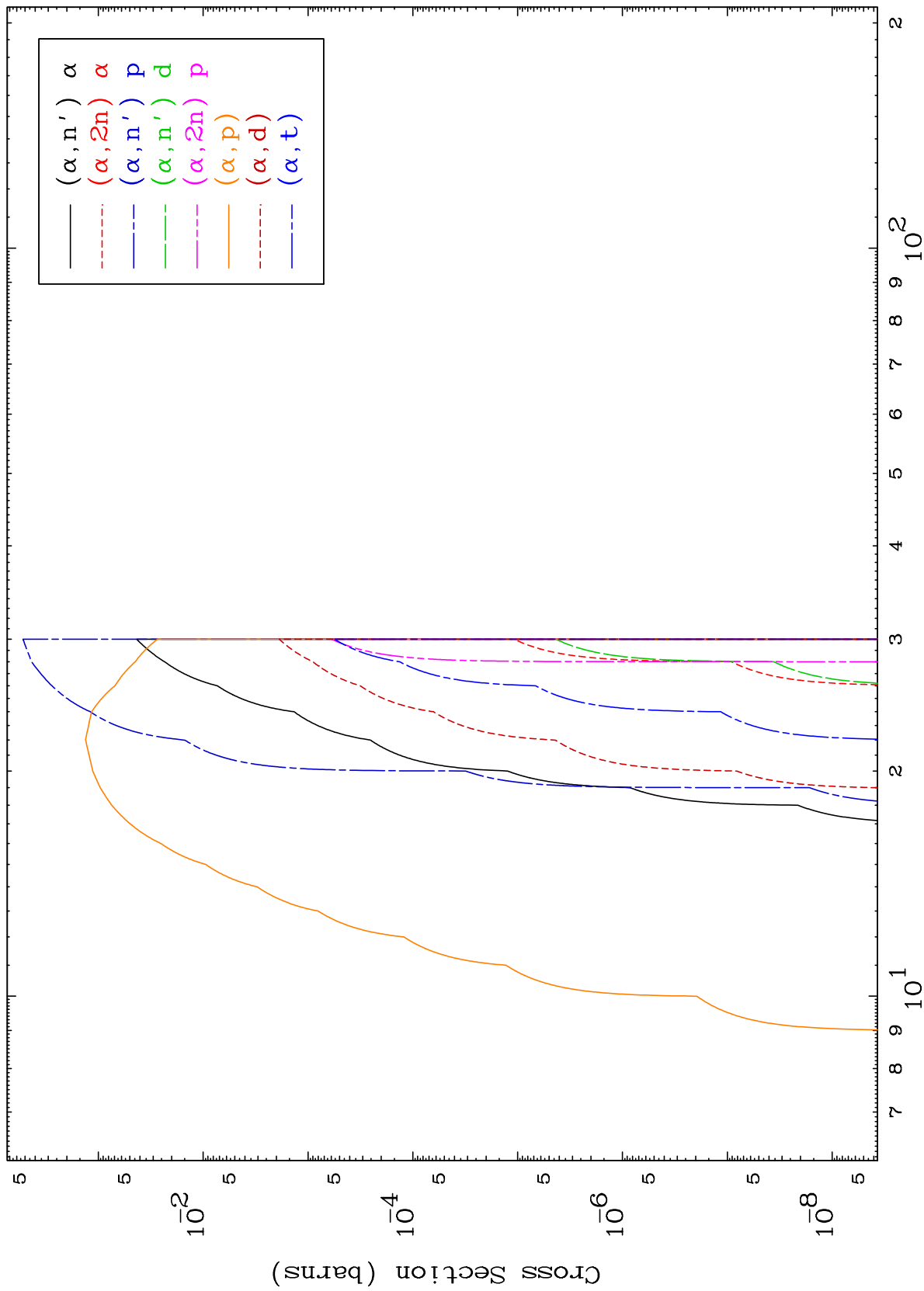


1

Incident Energy (MeV)

54-Xe-122

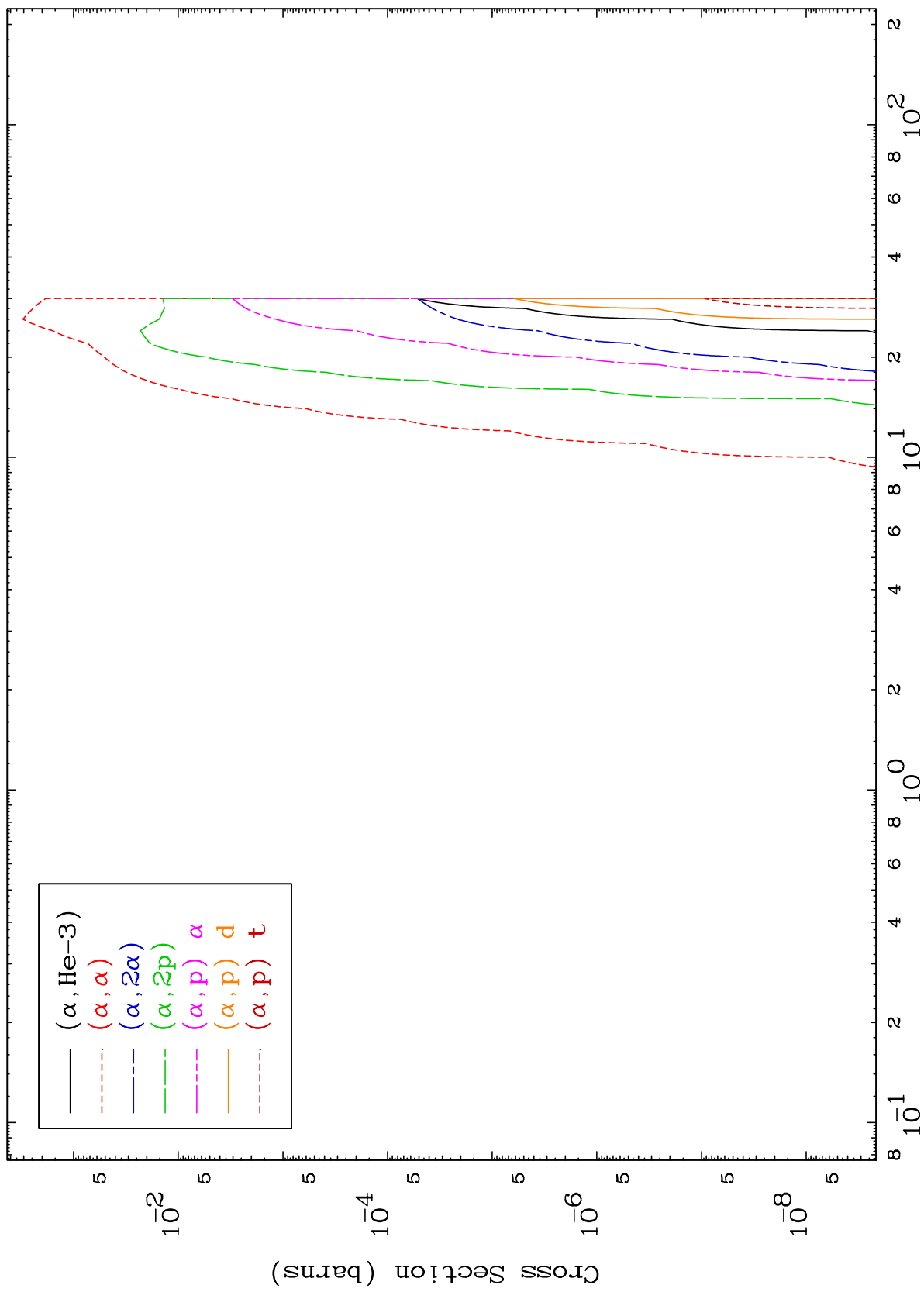




MAT 5419

α Charged Particle
0 Kelvin Cross Sections

54-Xe-122



4

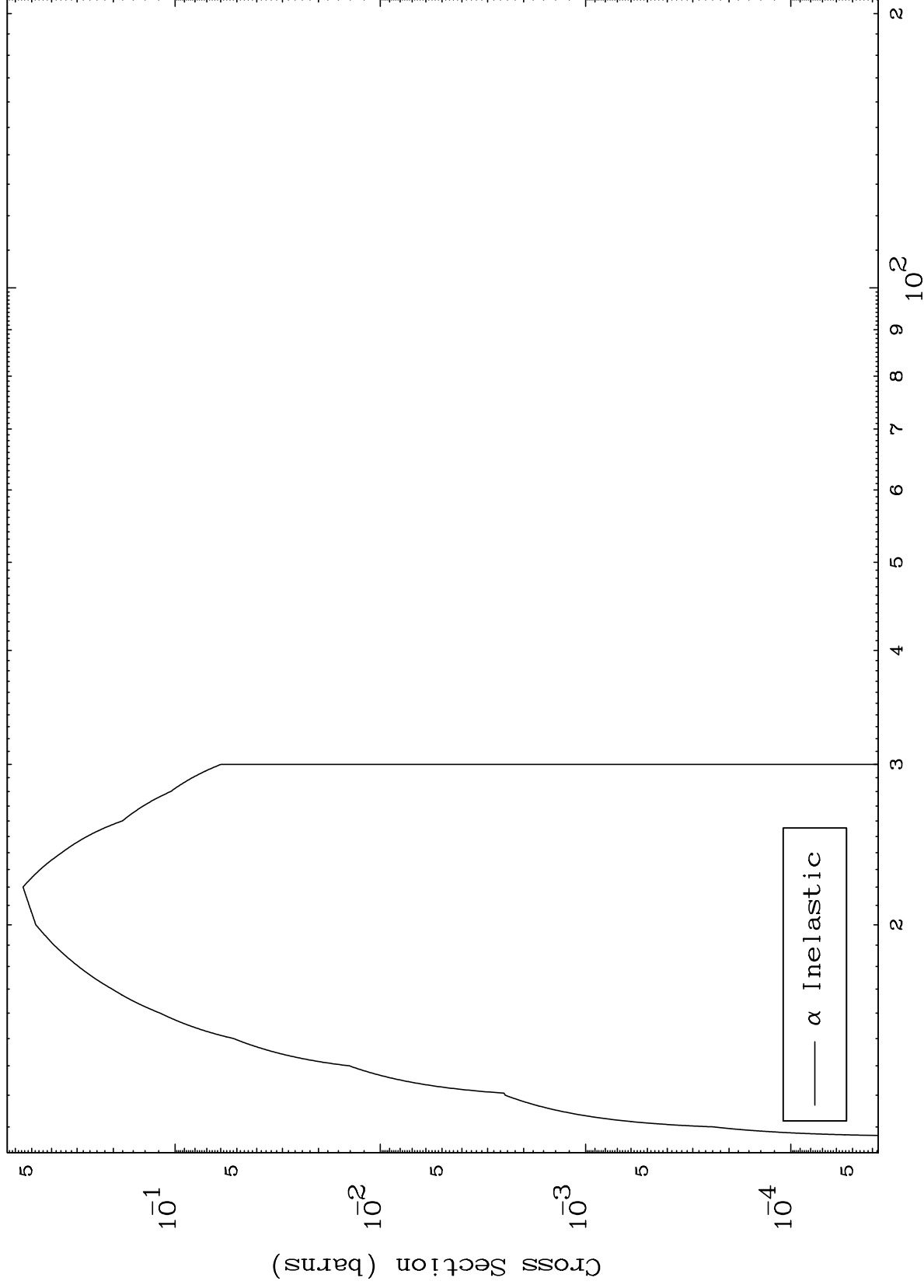
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

(α, n') Level
0 Kelvin Cross Sections



5

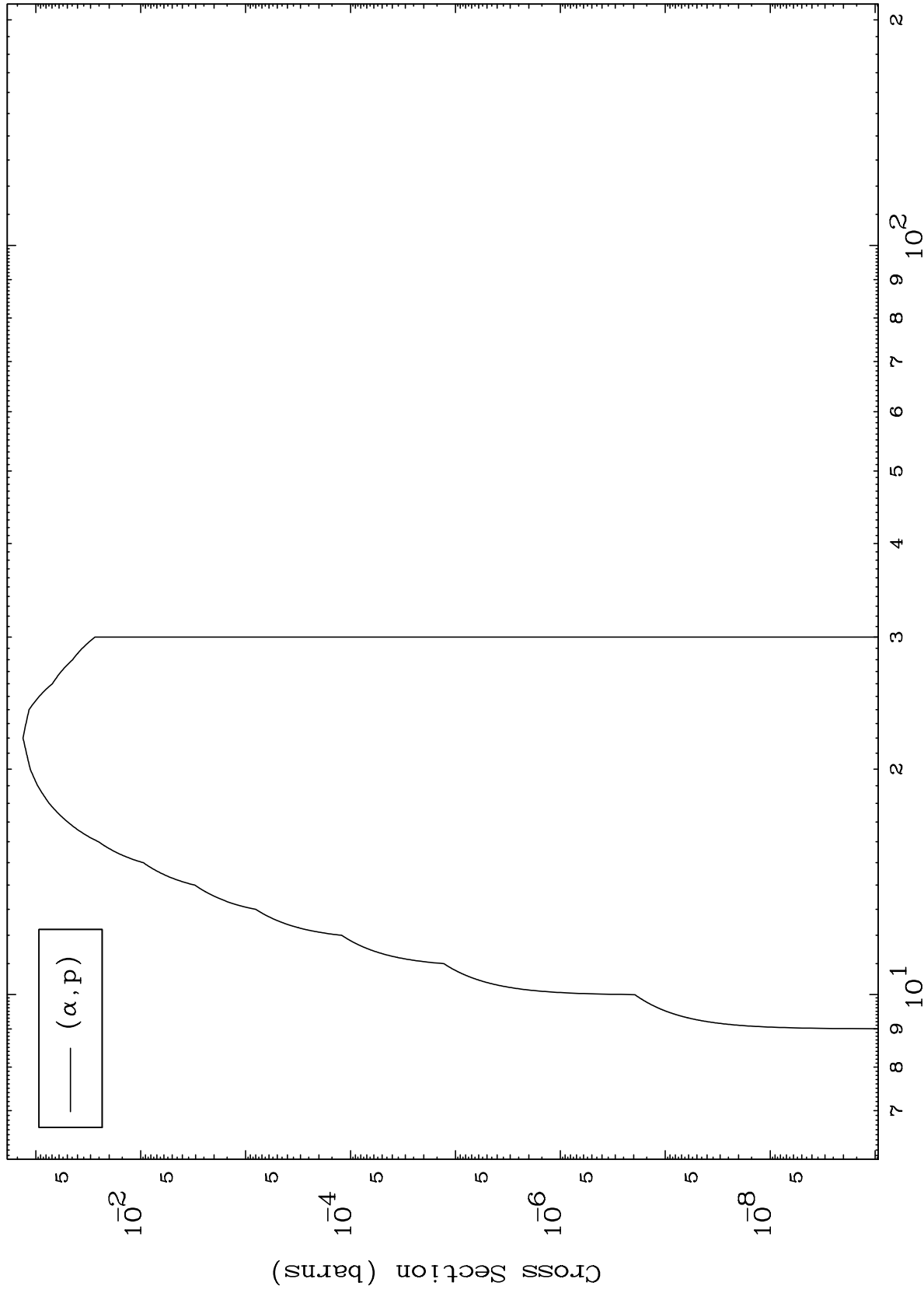
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

(α ,p) Levels
0 Kelvin Cross Sections



6

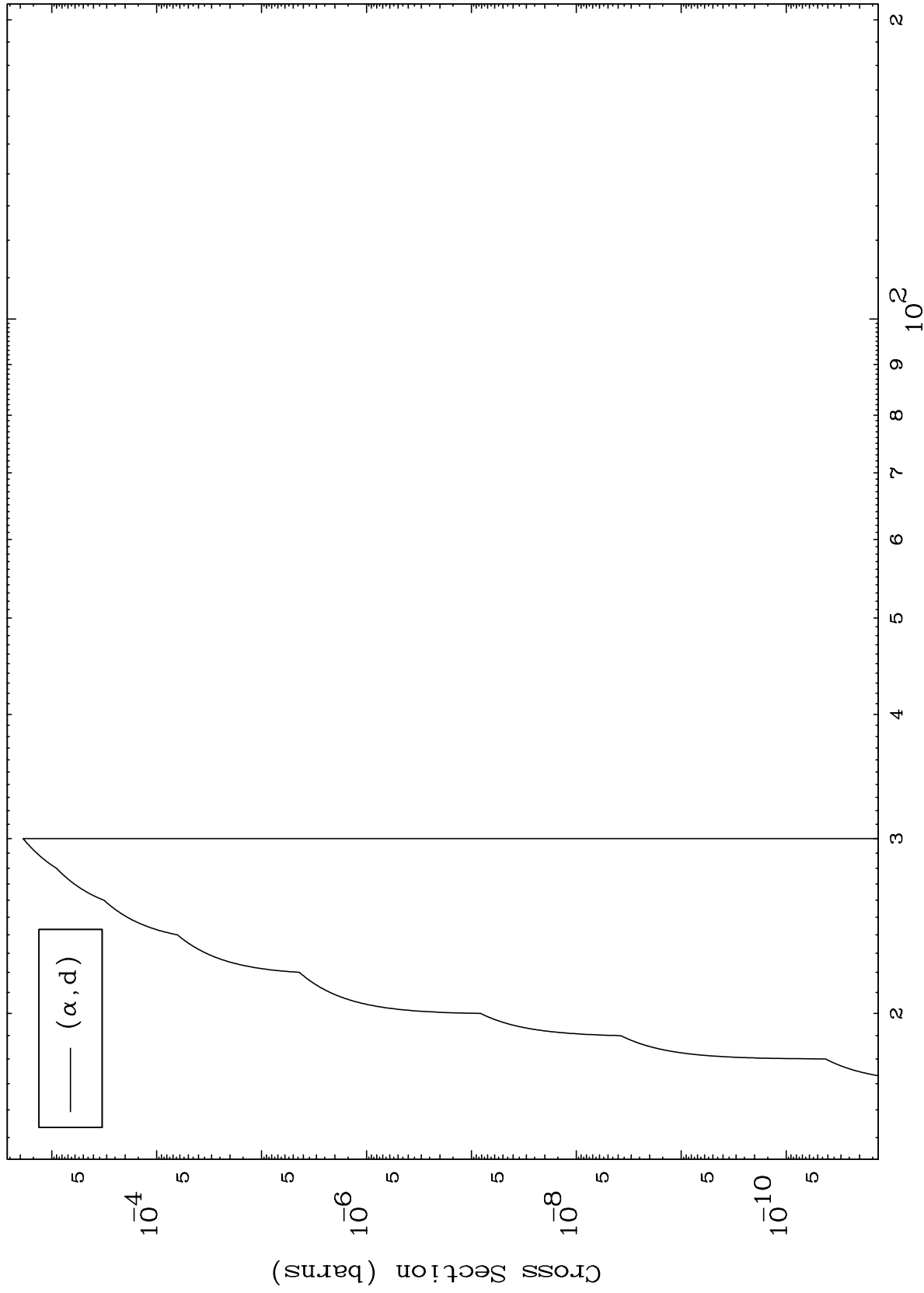
Incident Energy (MeV)

54-Xe-122

MAT 5419

(α ,d) Levels
0 Kelvin Cross Sections

54-Xe-122



7

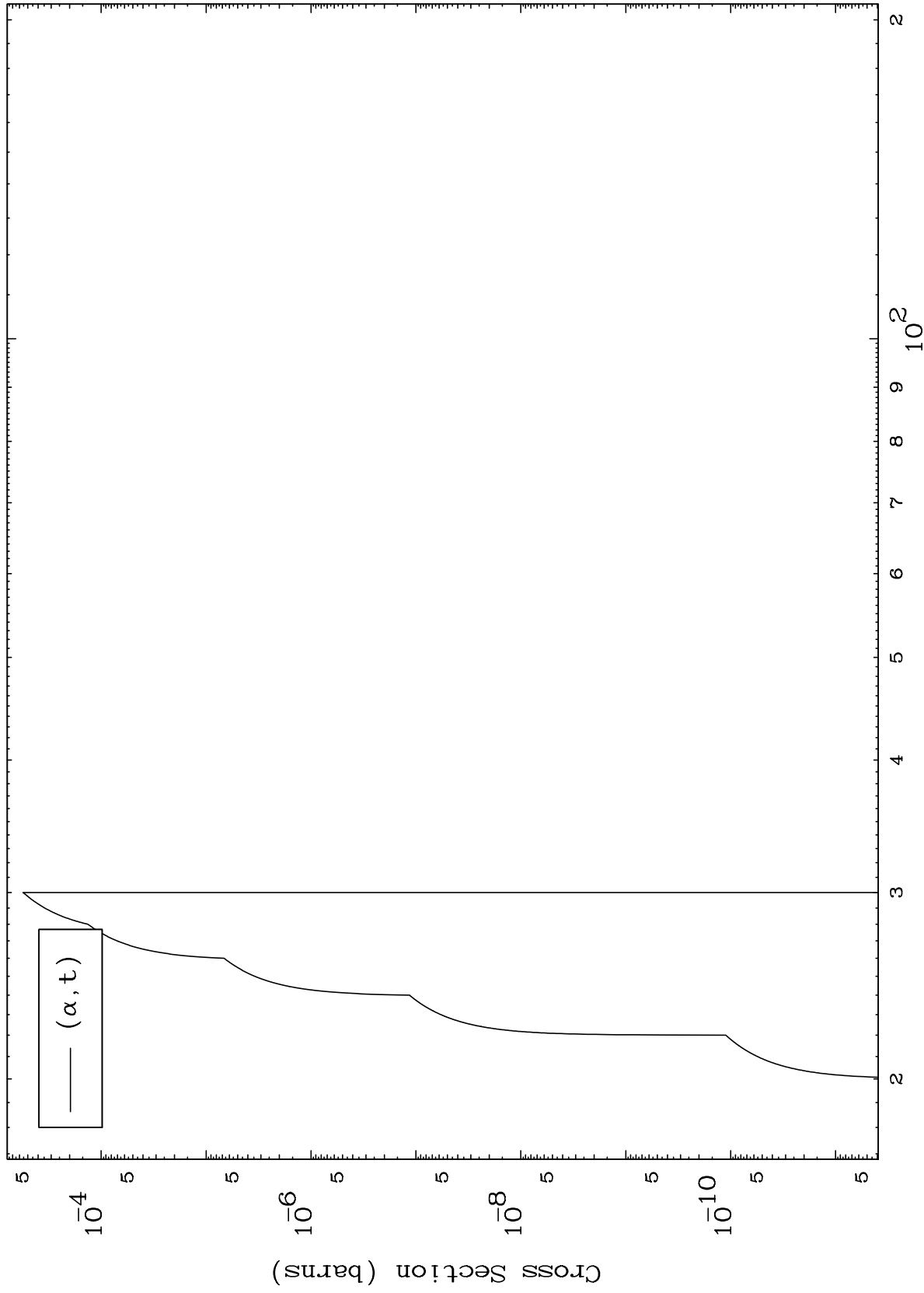
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

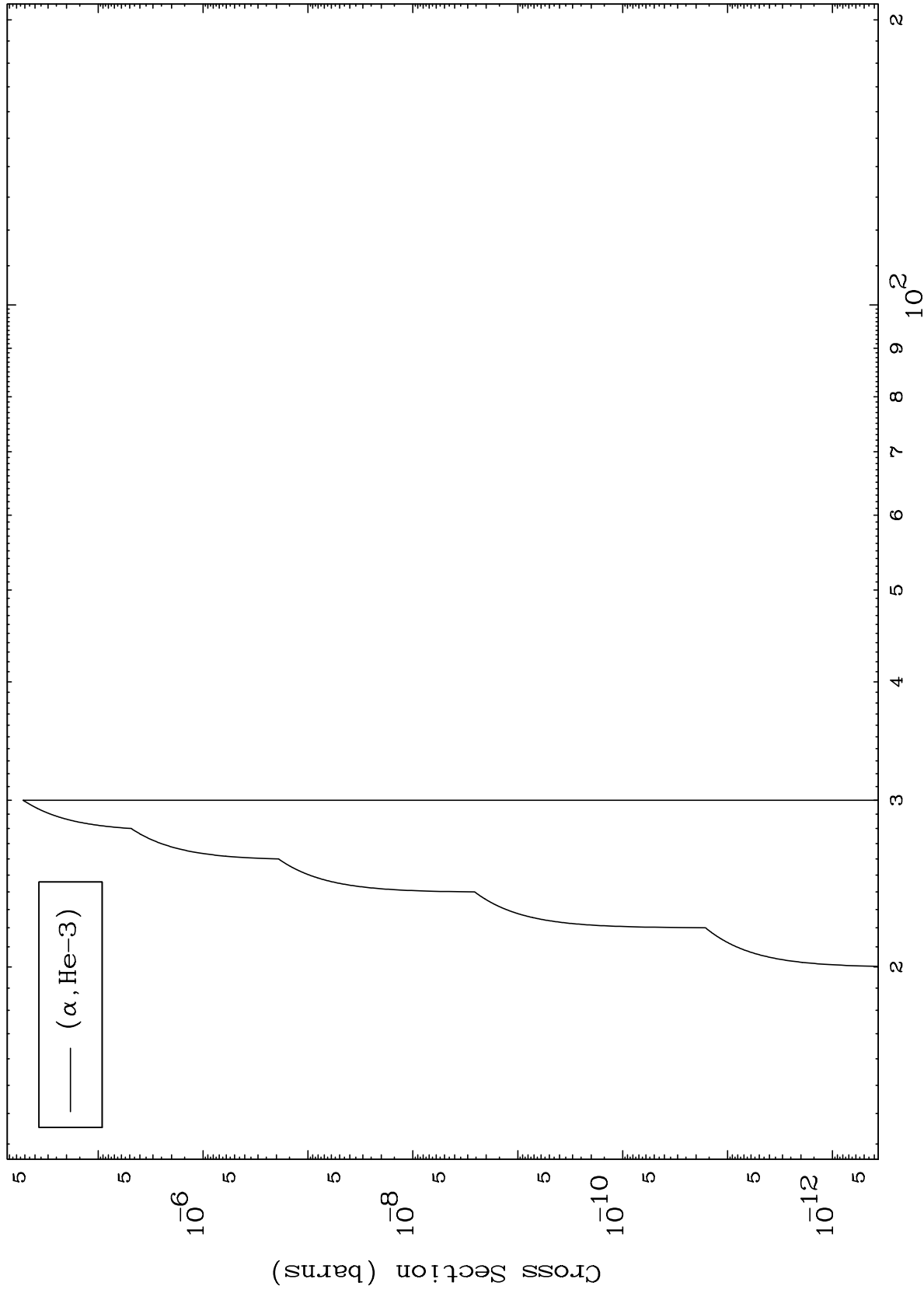
(α, t) Levels
0 Kelvin Cross Sections



8

54-Xe-122

(α ,He3) Levels
0 Kelvin Cross Sections

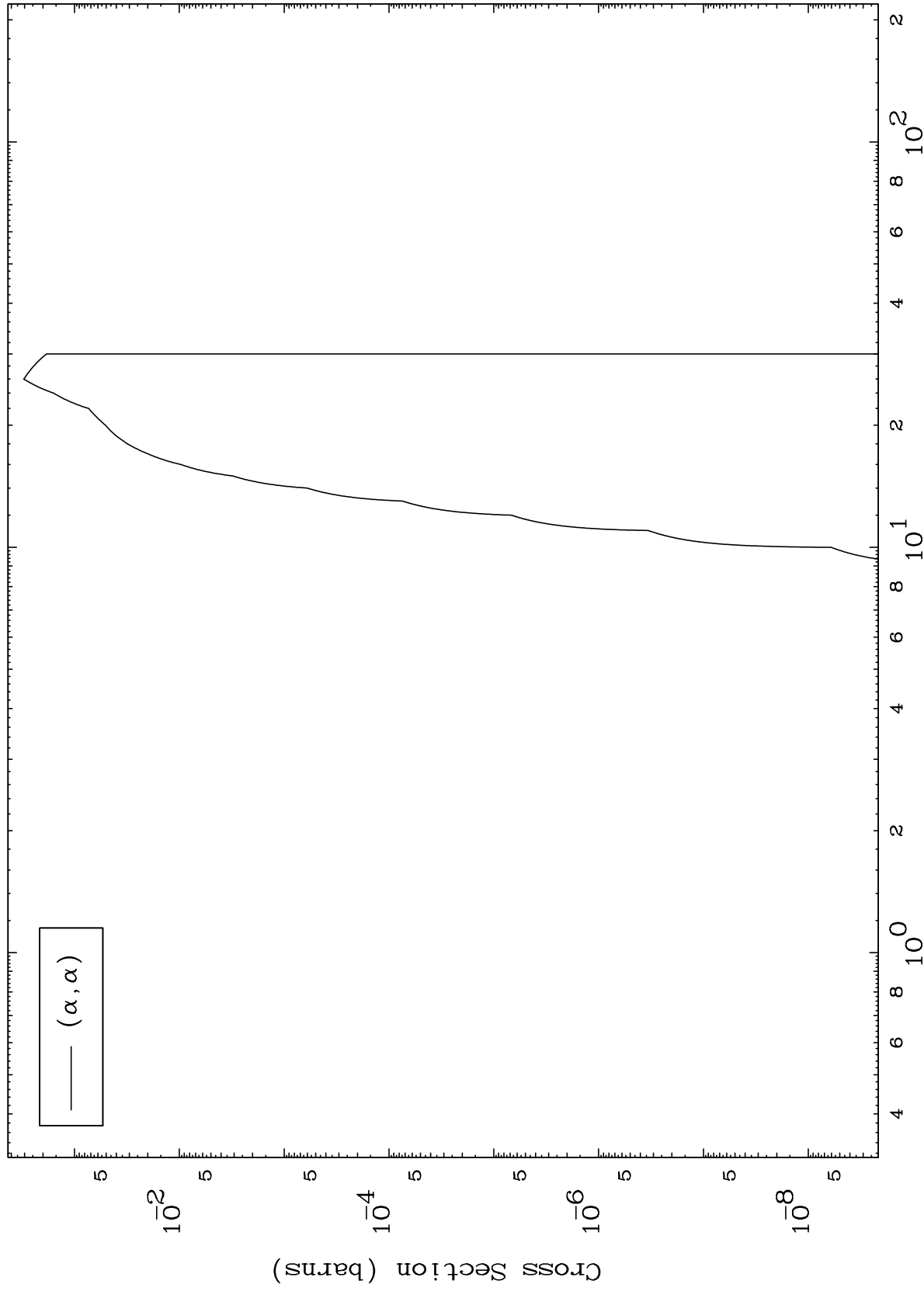


MAT 5419

(α, α) Levels

54-Xe-122

0 Kelvin Cross Sections



Incident Energy (MeV)

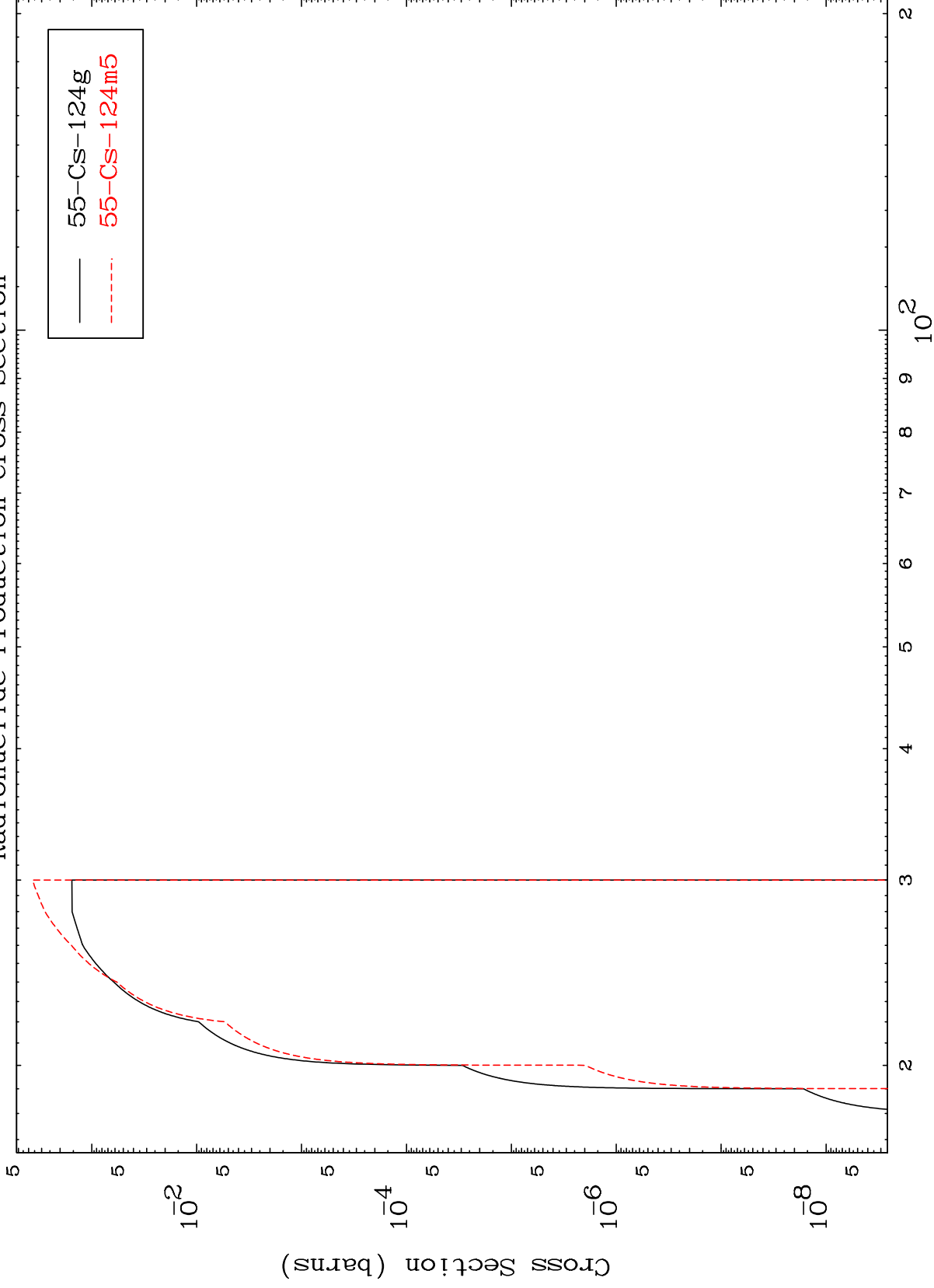
54-Xe-122

MAT 5419

(α, n') p

54-Xe-122

Radionuclide Production Cross Section



11

Incident Energy (MeV)

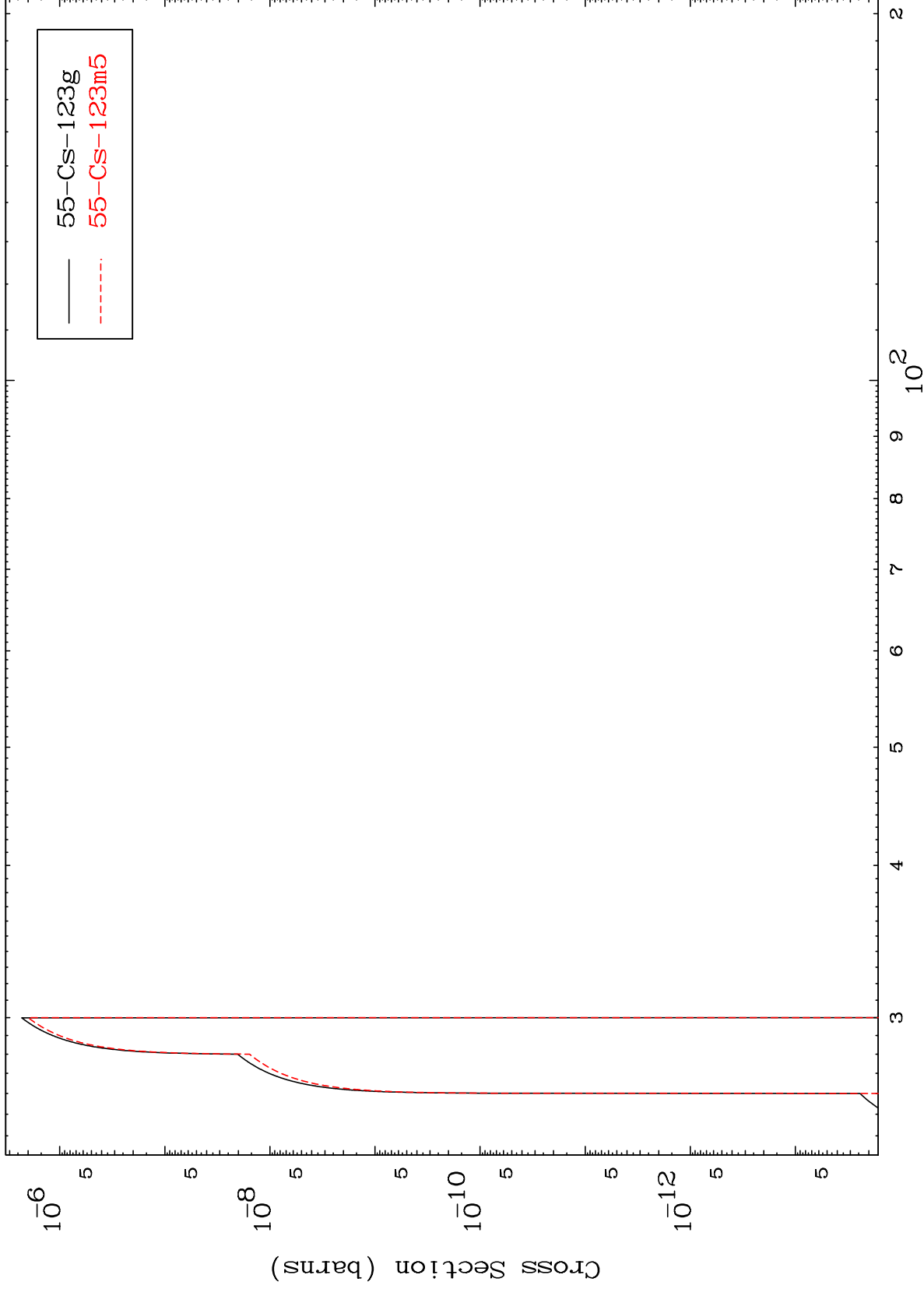
54-Xe-122

MAT 5419

(α, n') d

54-Xe-122

Radionuclide Production Cross Section



12

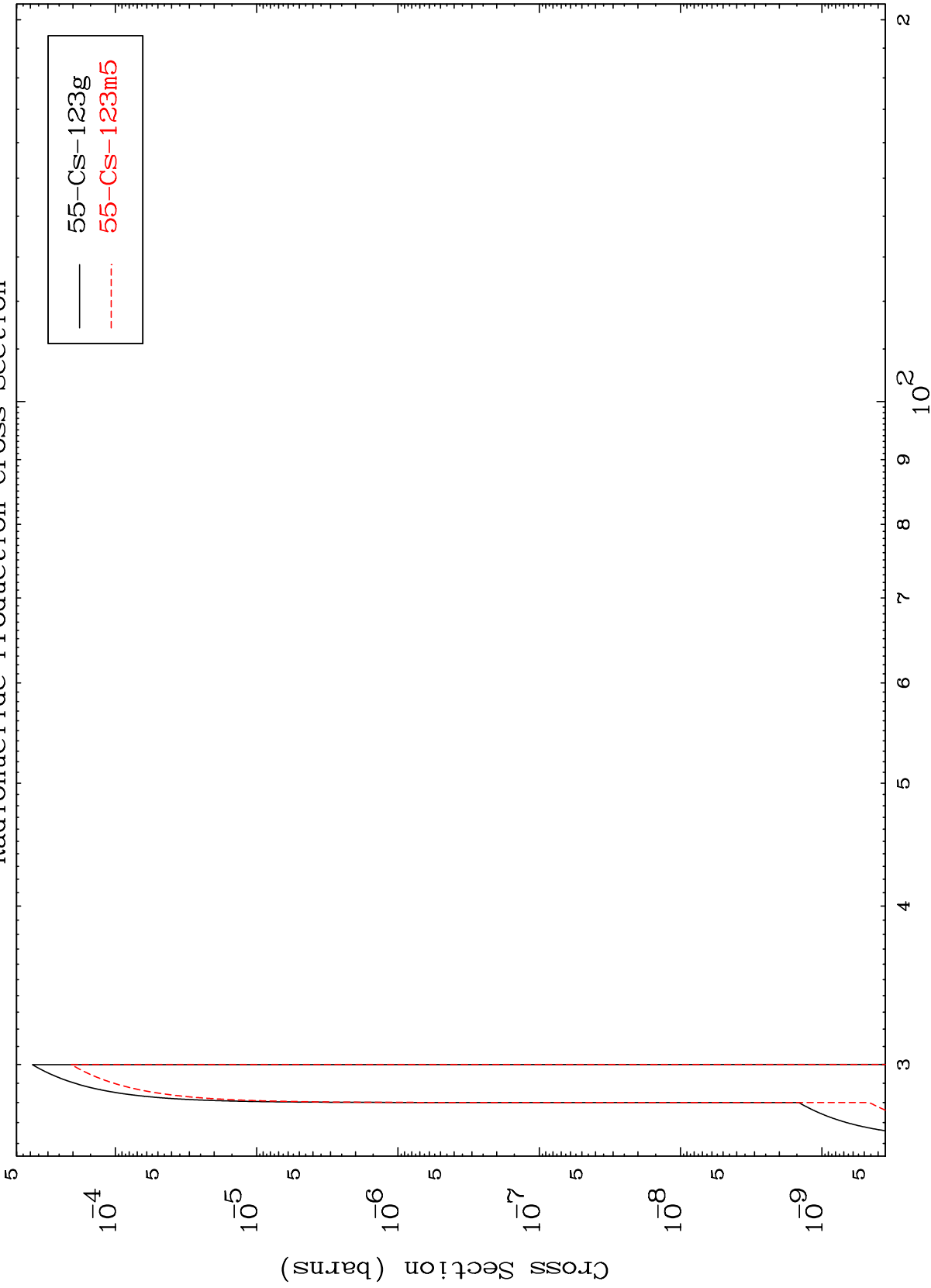
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

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



13

Incident Energy (MeV)

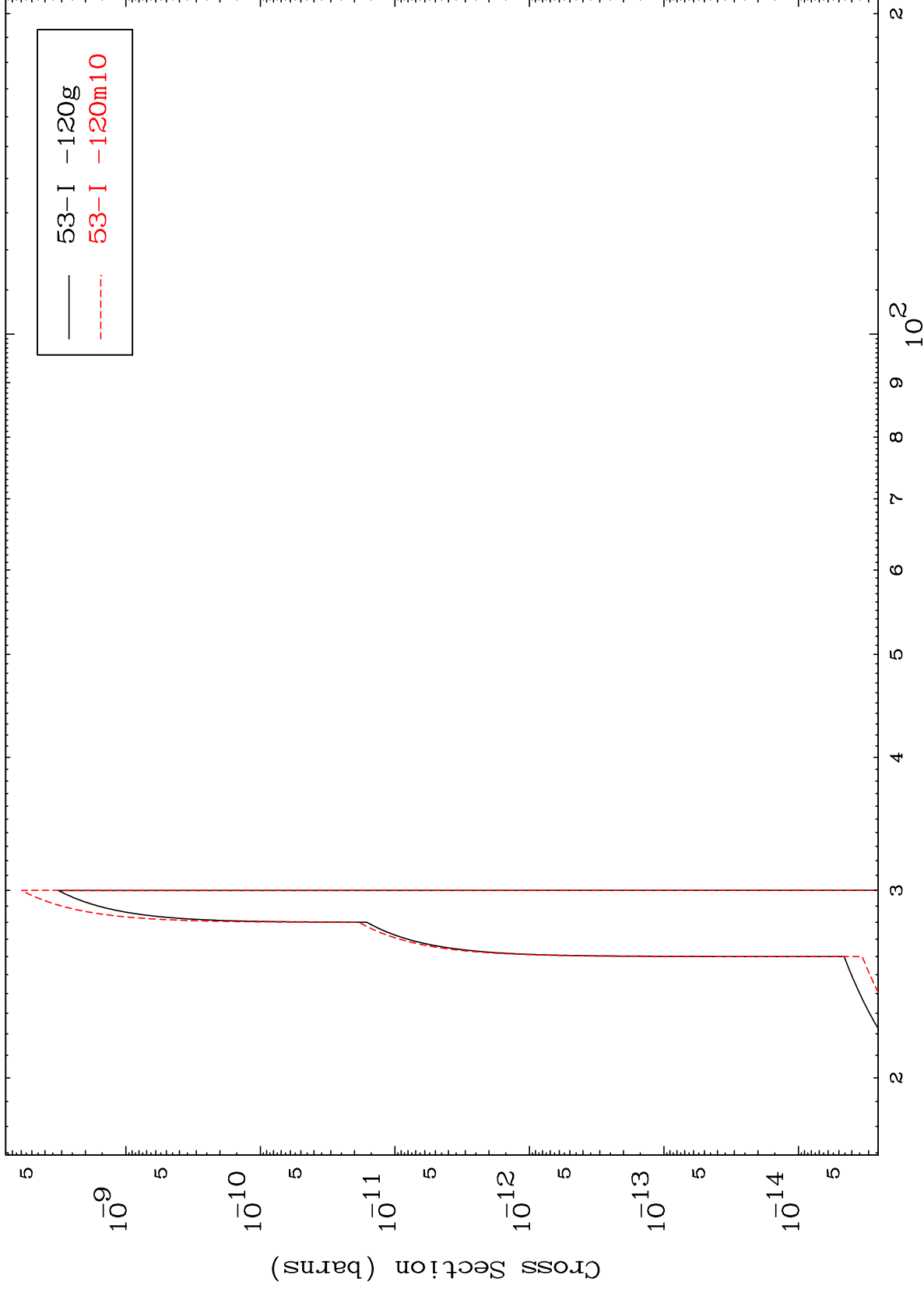
54-Xe-122

MAT 5419

(α, n') p α

54-Xe-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

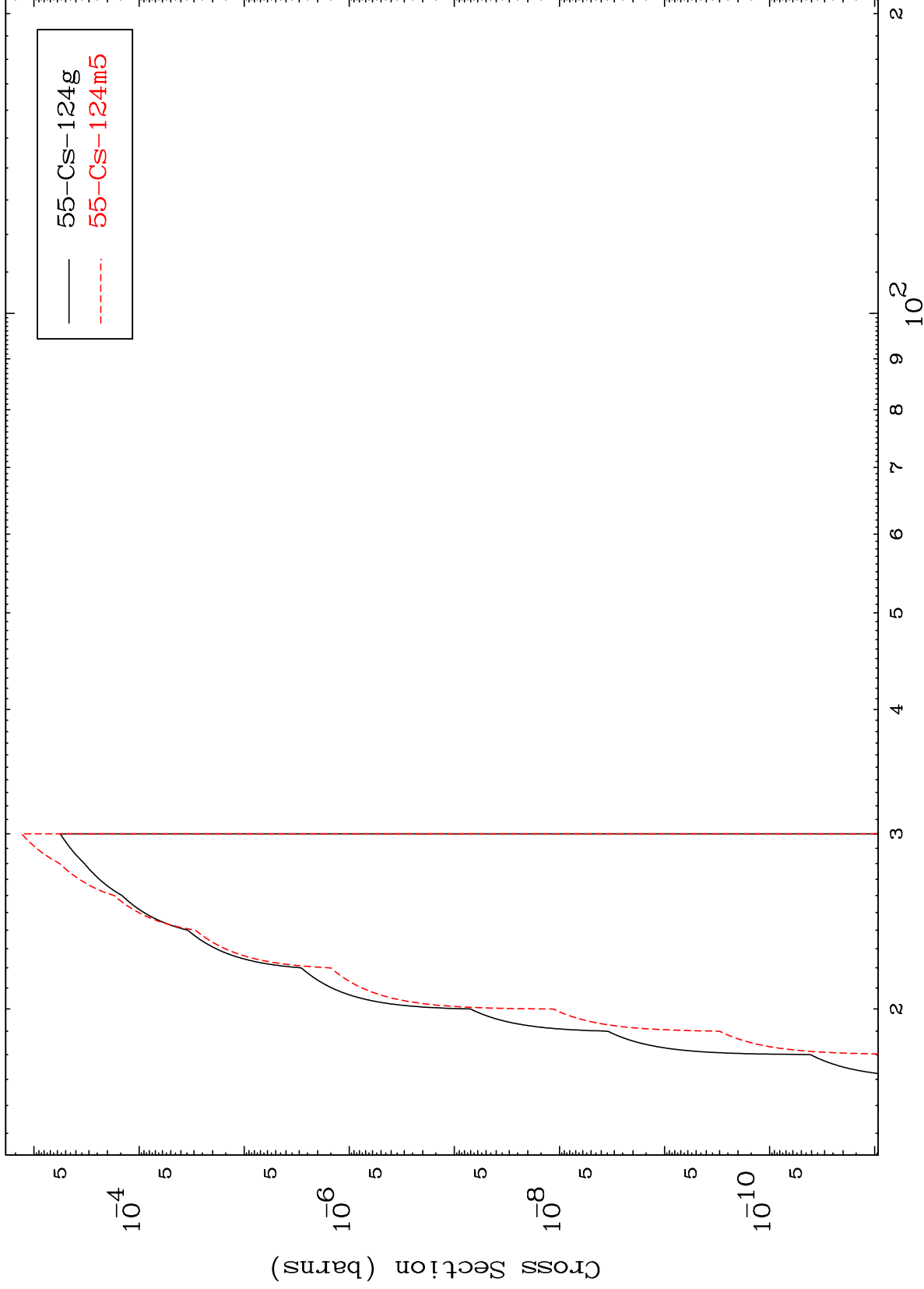
54-Xe-122

MAT 5419

(α, d)

54-Xe-122

Radionuclide Production Cross Section



15

Incident Energy (MeV)

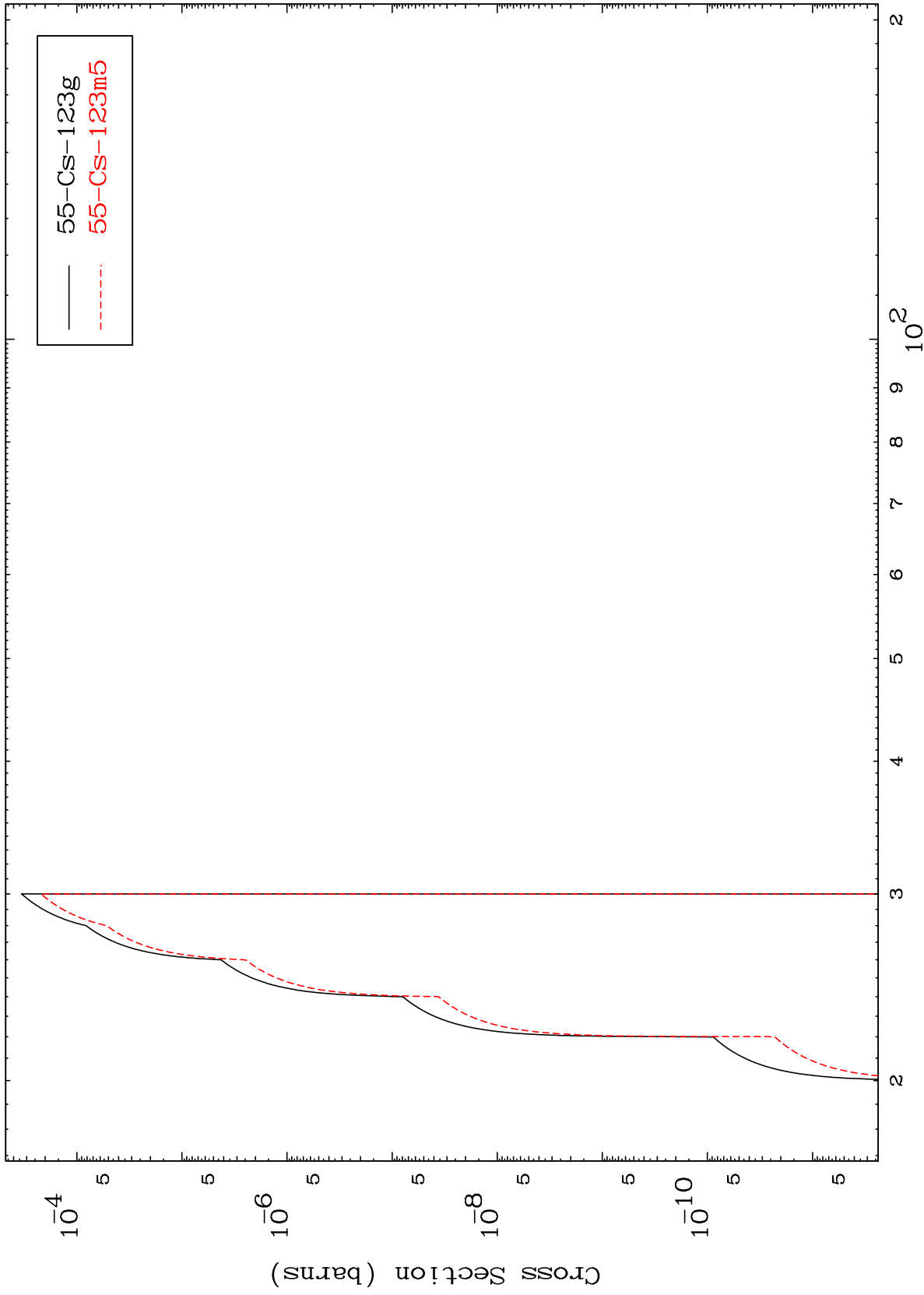
10^2

54-Xe-122

MAT 5419

54-Xe-122

(α, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-122