

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

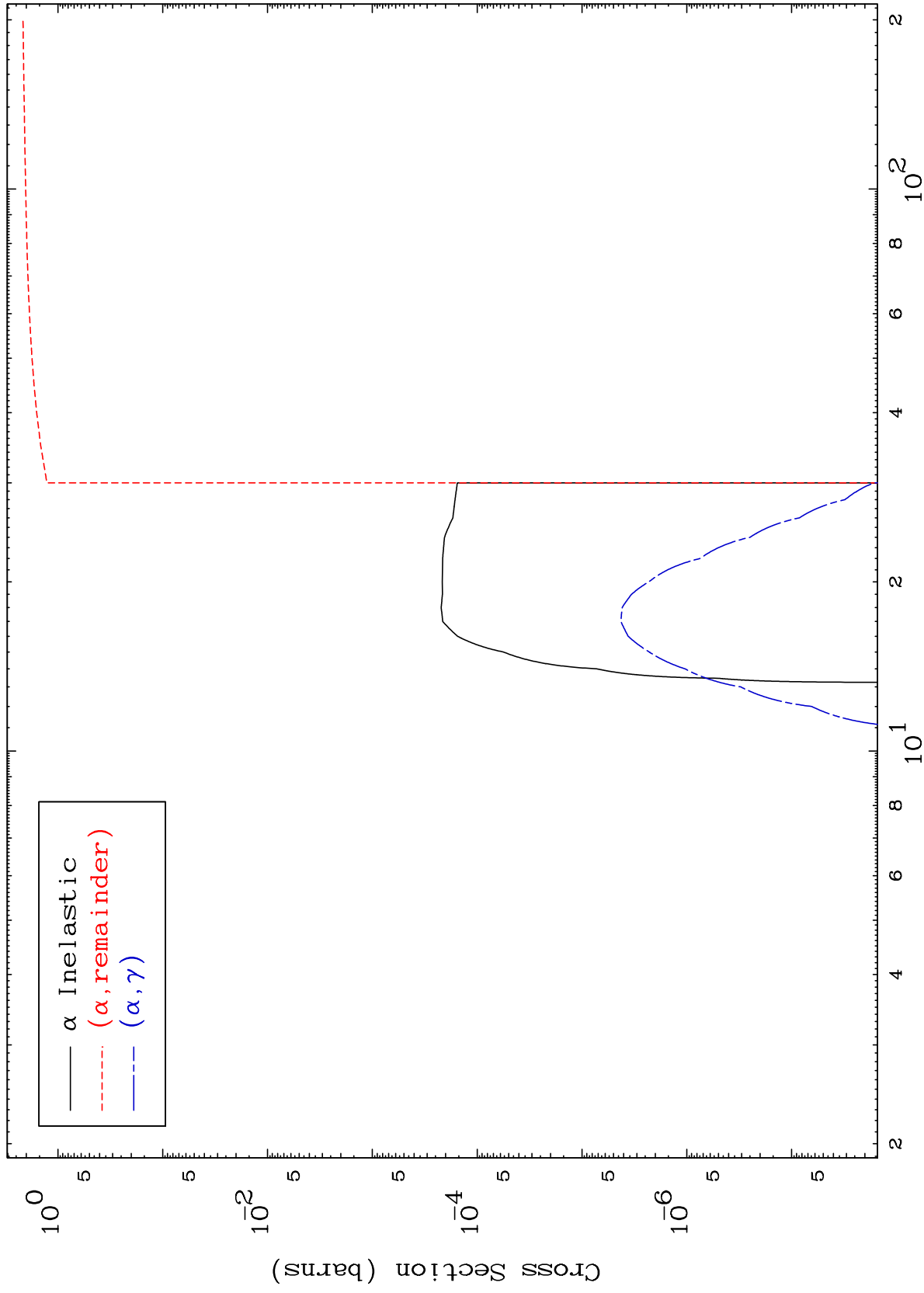
Press Mouse Button to Start

MAT 5475

α Major

55-Cs-116

0 Kelvin Cross Sections



1

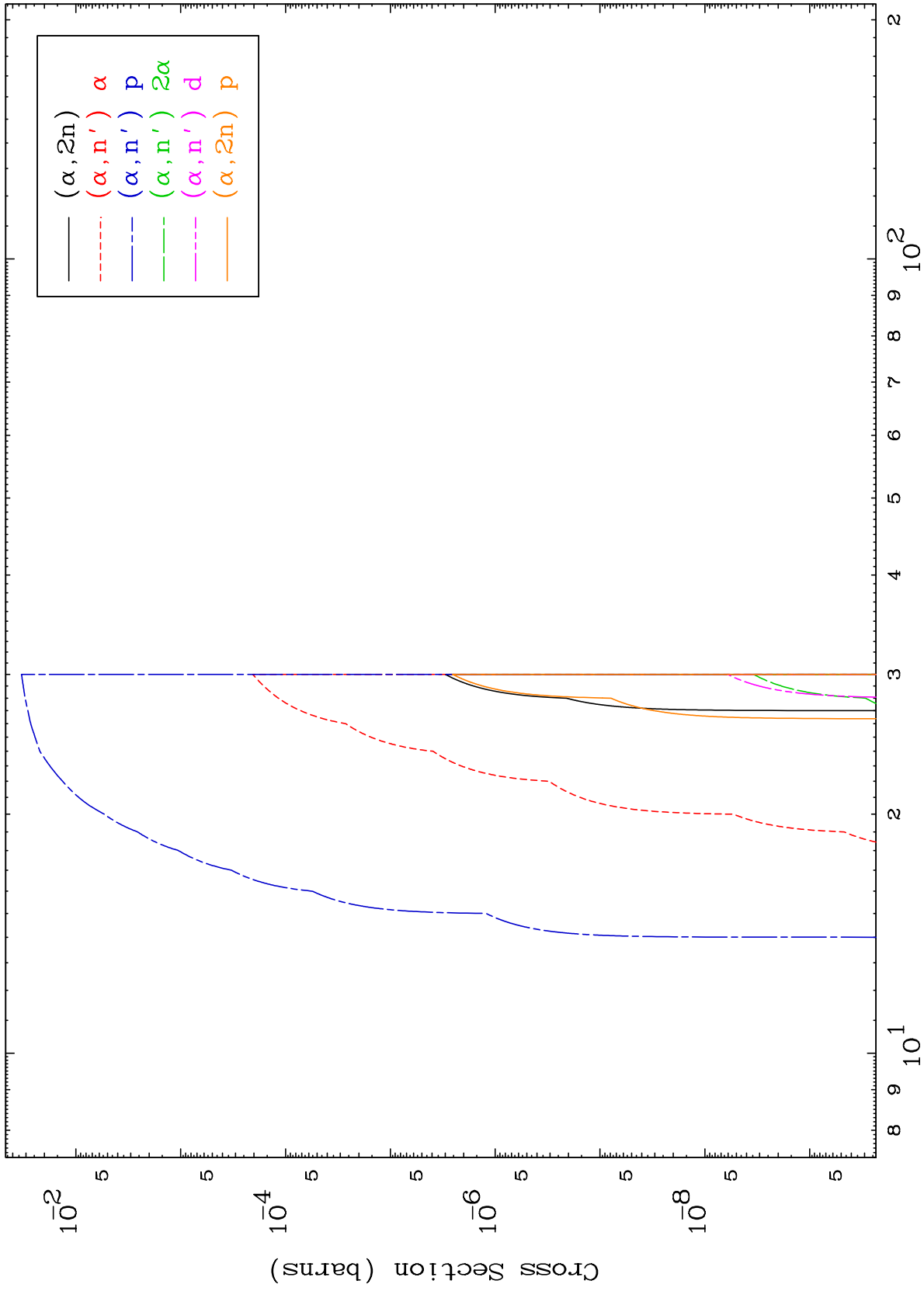
Incident Energy (MeV)

55-Cs-116

MAT 5475

α Neutron Production
0 Kelvin Cross Sections

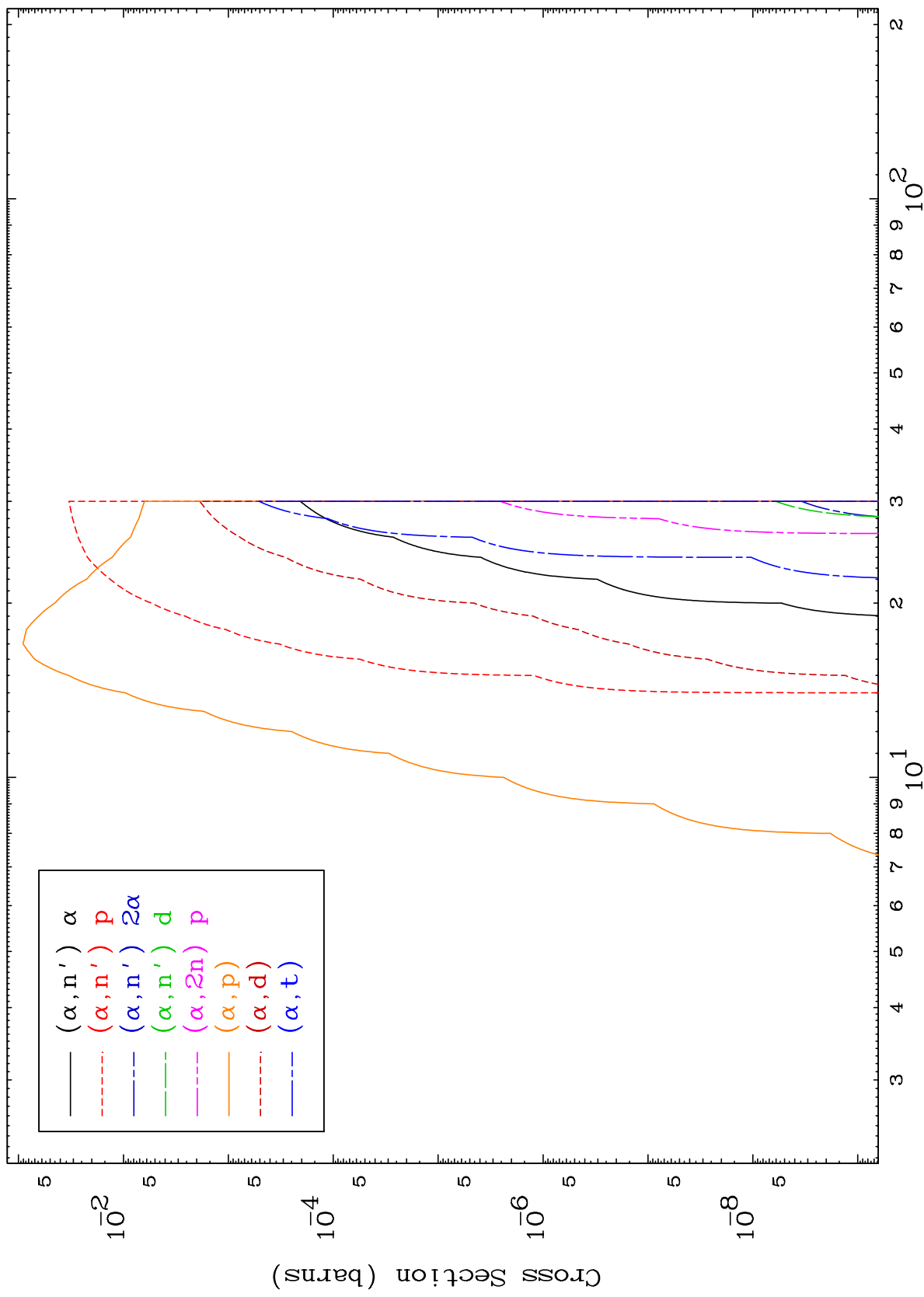
55-Cs-116



2

Incident Energy (MeV)

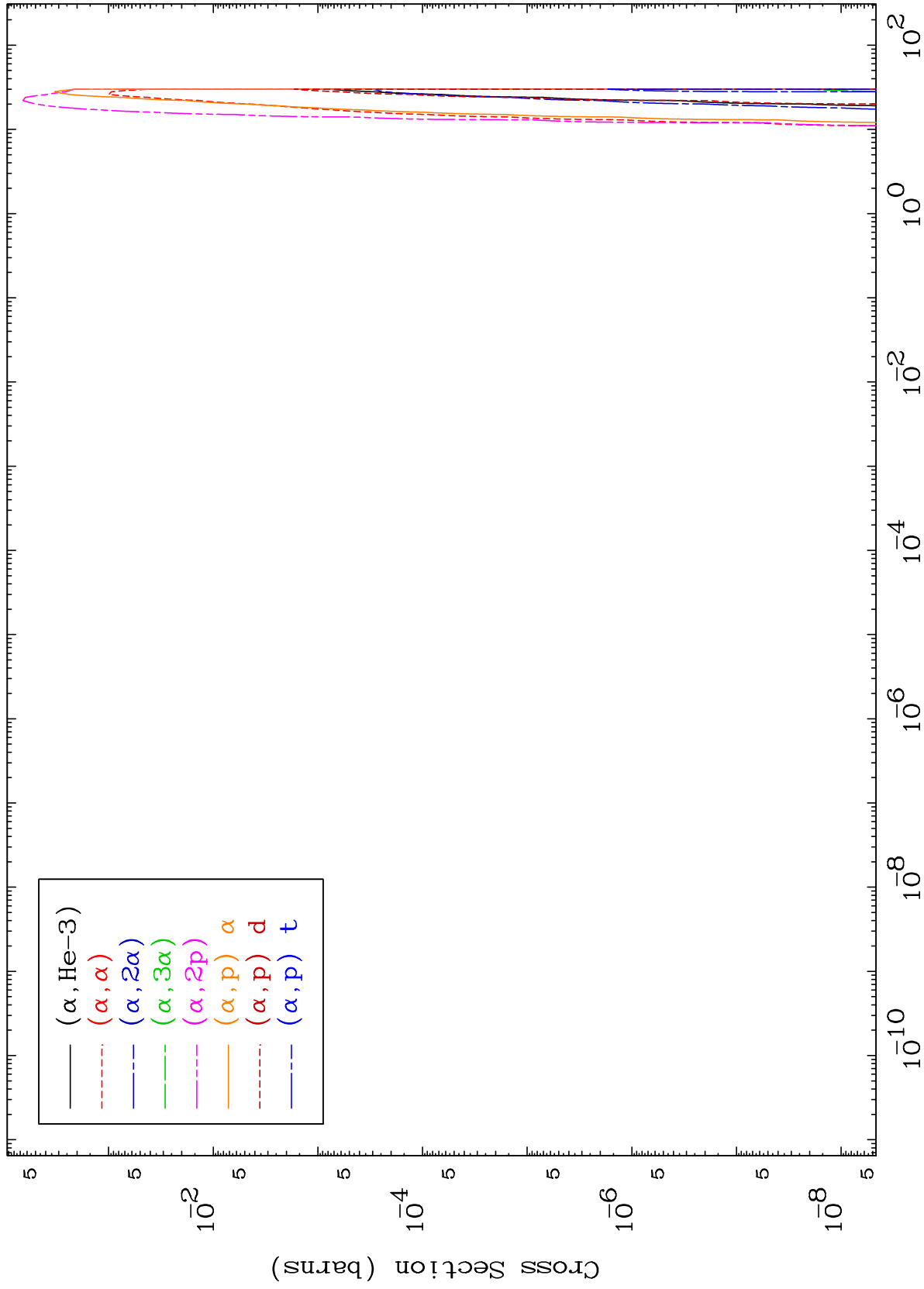
55-Cs-116



MAT 5475

α Charged Particle
0 Kelvin Cross Sections

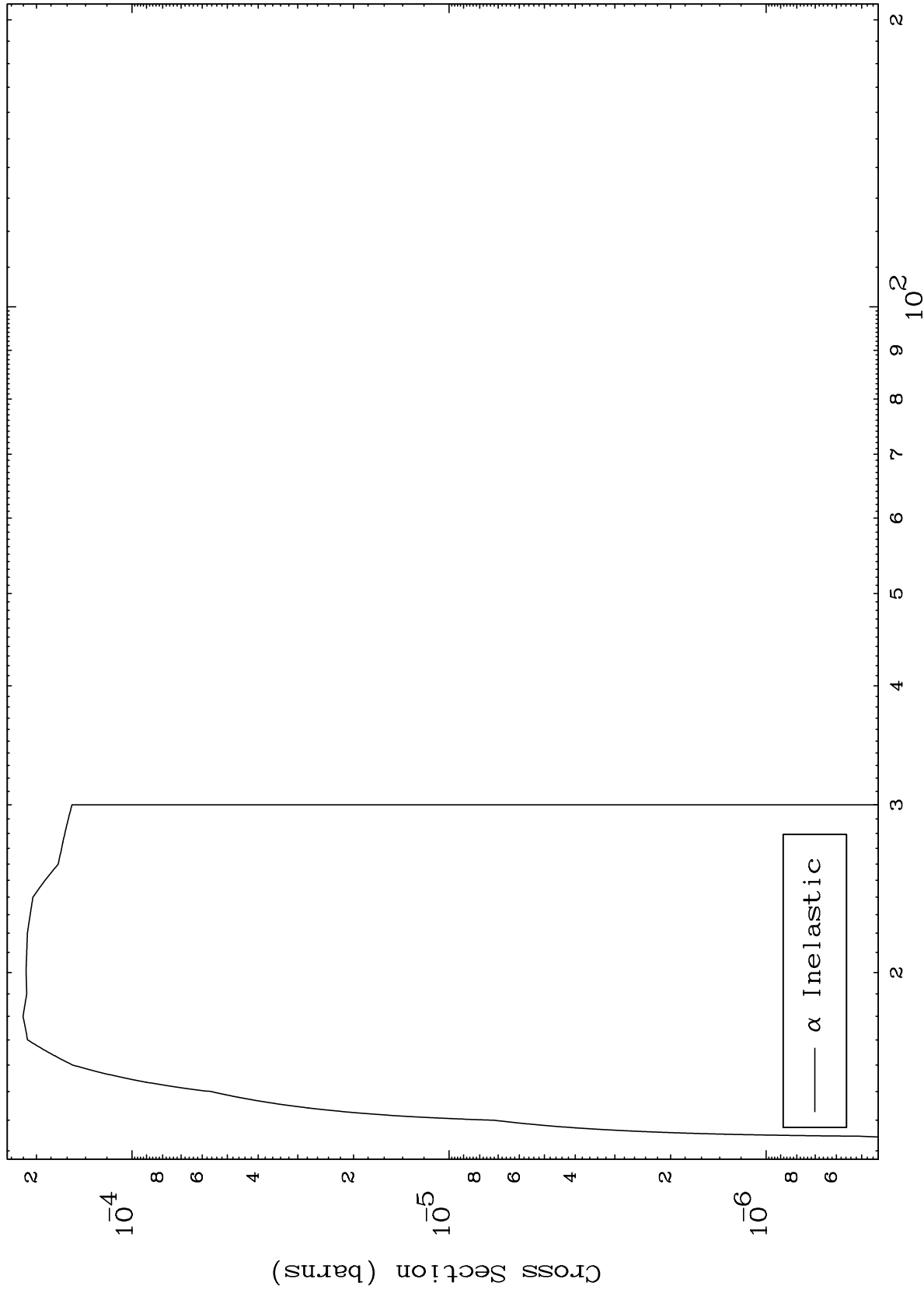
55-Cs-116



MAT 5475

55-Cs-116

(α, n') Level
0 Kelvin Cross Sections



5

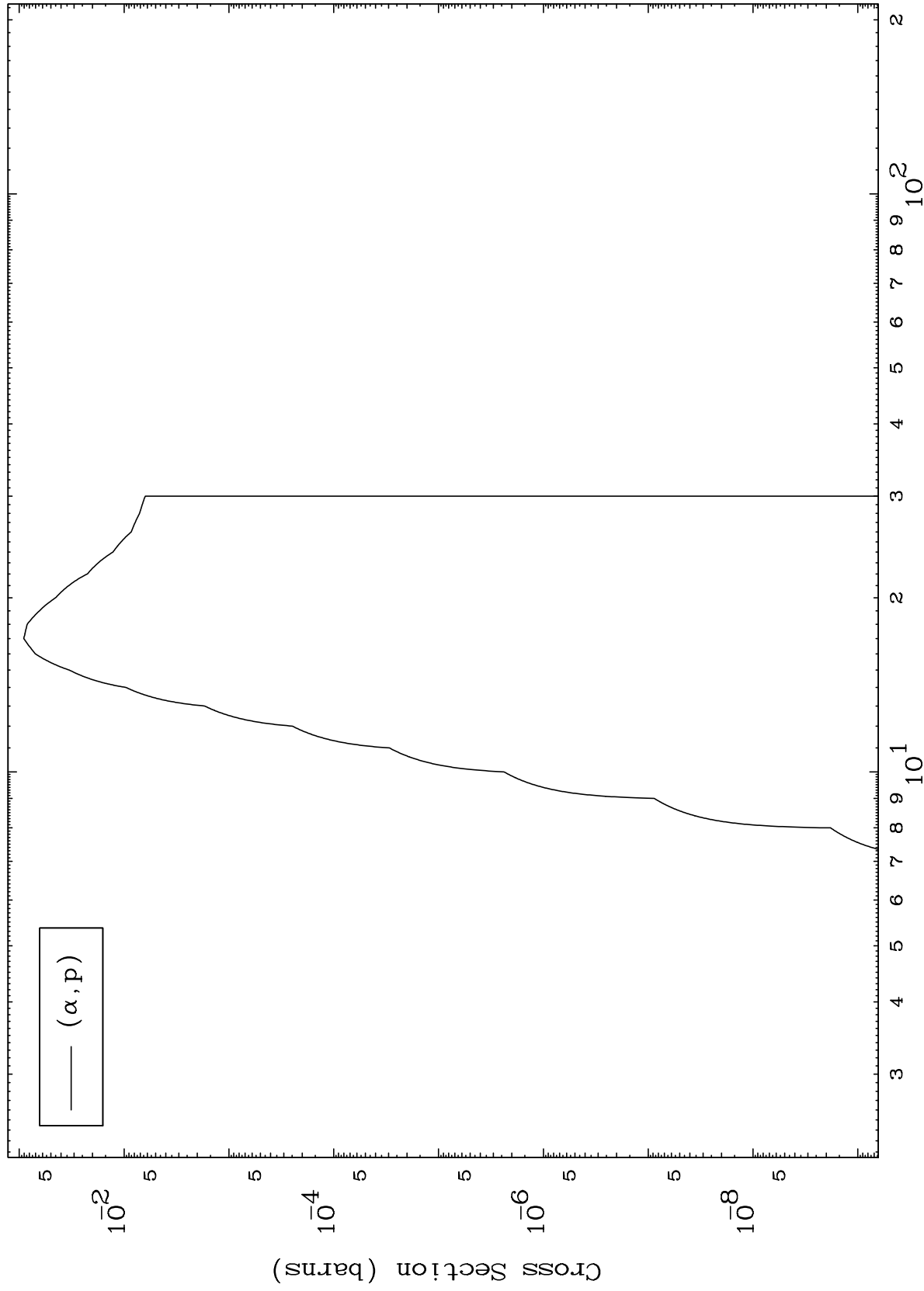
Incident Energy (MeV)

55-Cs-116

MAT 5475

55-Cs-116

(α ,p) Levels
0 Kelvin Cross Sections



6

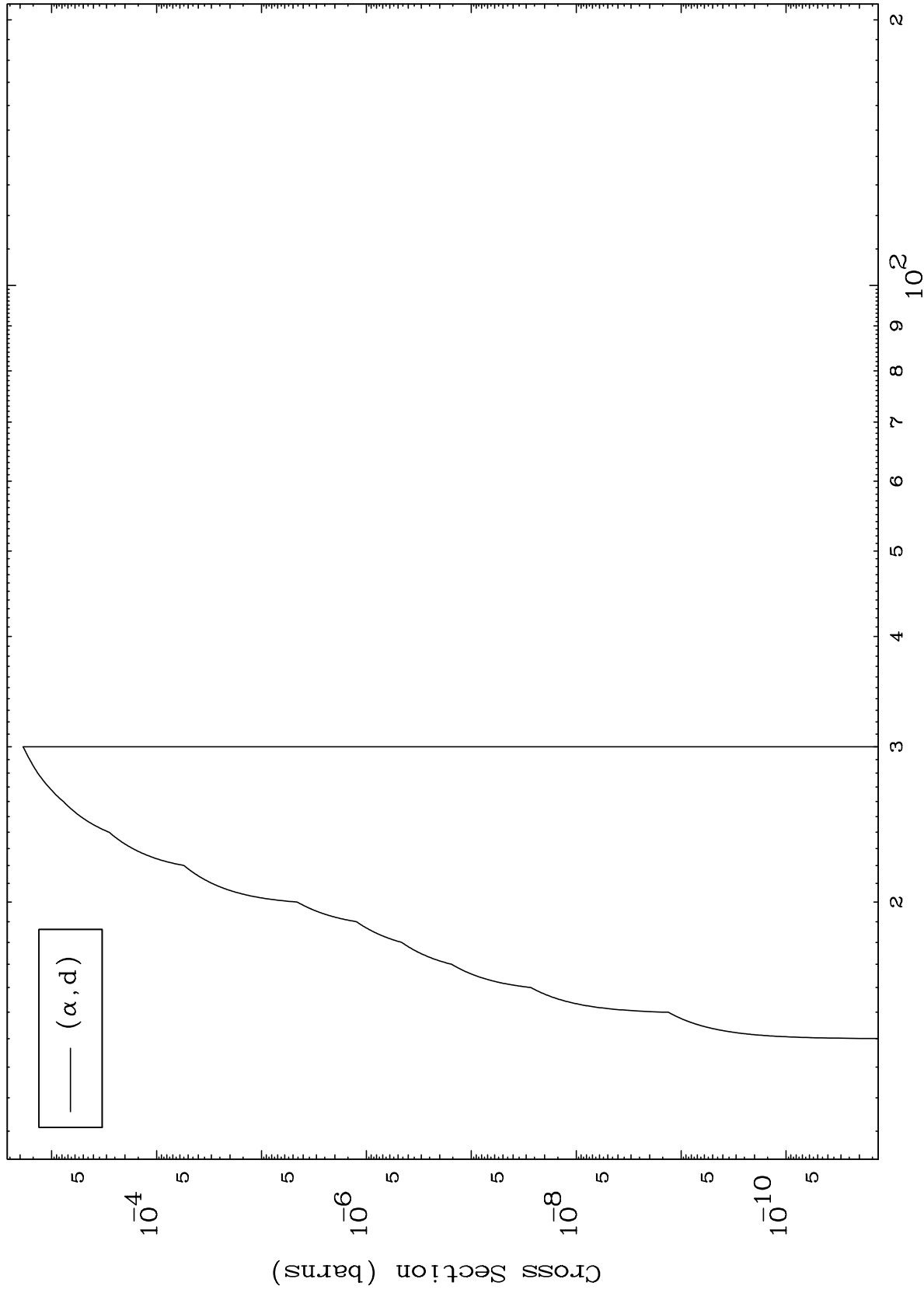
Incident Energy (MeV)

55-Cs-116

MAT 5475

55-Cs-116

(α ,d) Levels
0 Kelvin Cross Sections



7

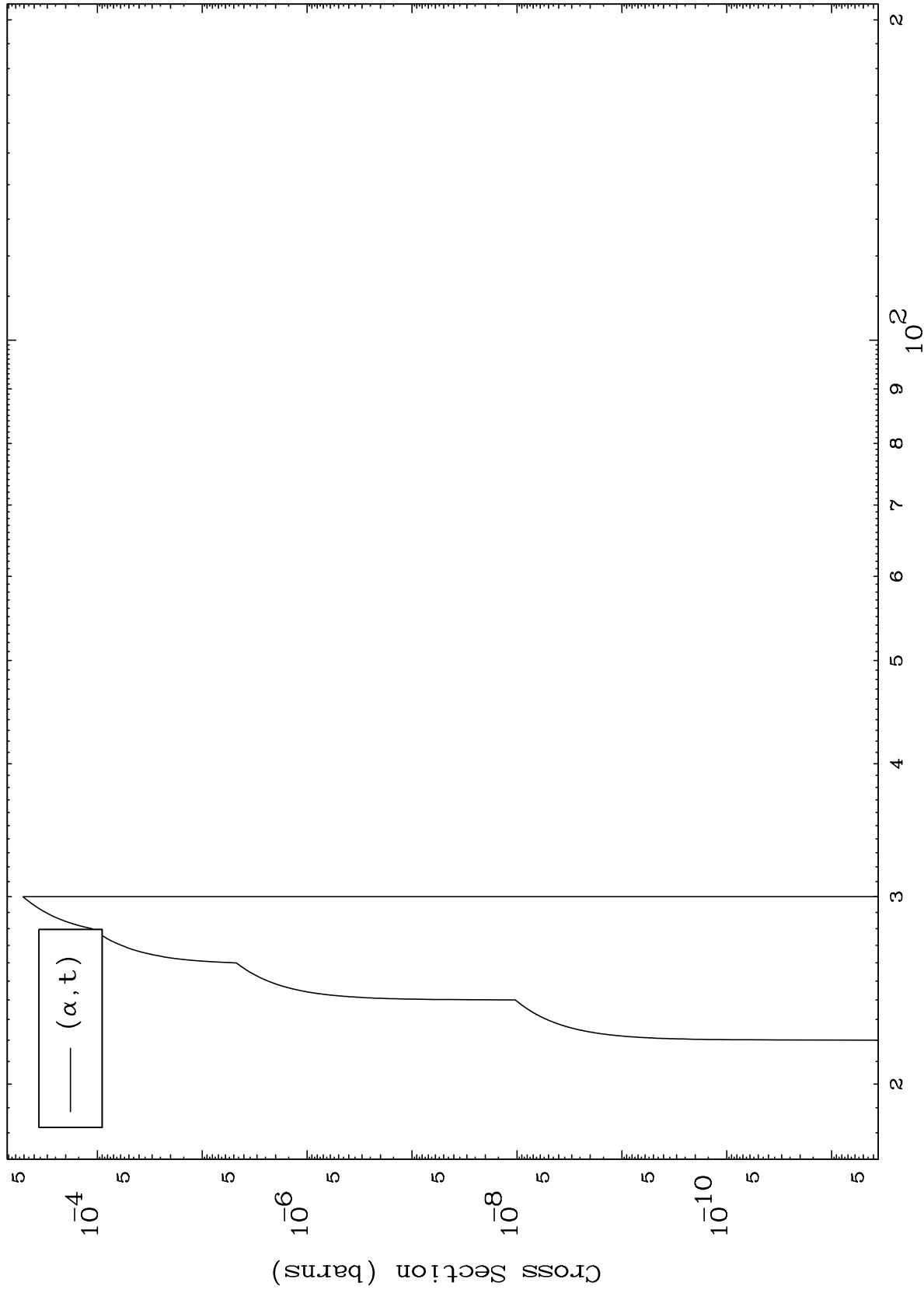
55-Cs-116

Incident Energy (MeV)

MAT 5475

55-Cs-116

(α ,t) Levels
0 Kelvin Cross Sections



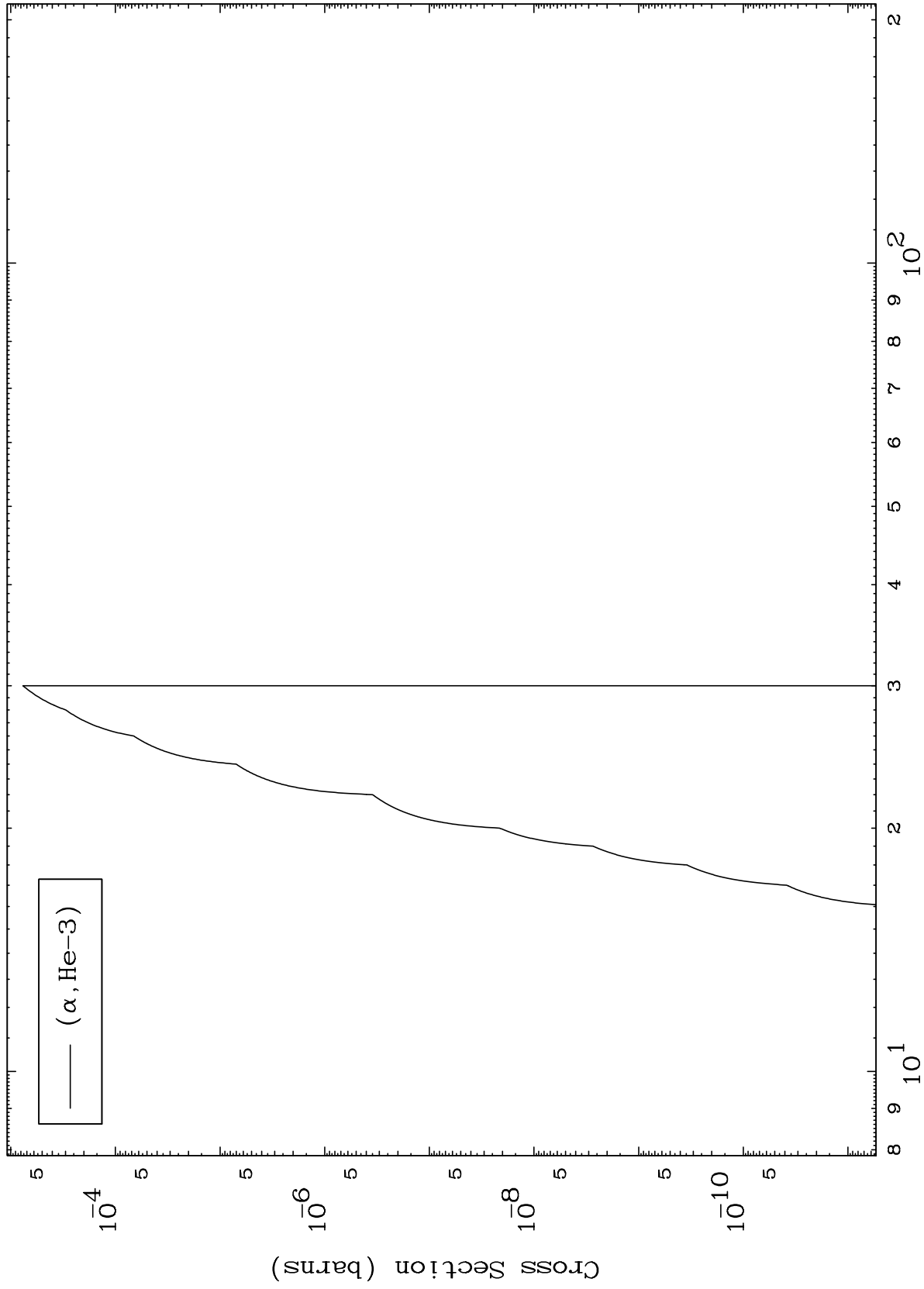
8

55-Cs-116

MAT 5475

55-Cs-116

(α ,He3) Levels
0 Kelvin Cross Sections



9

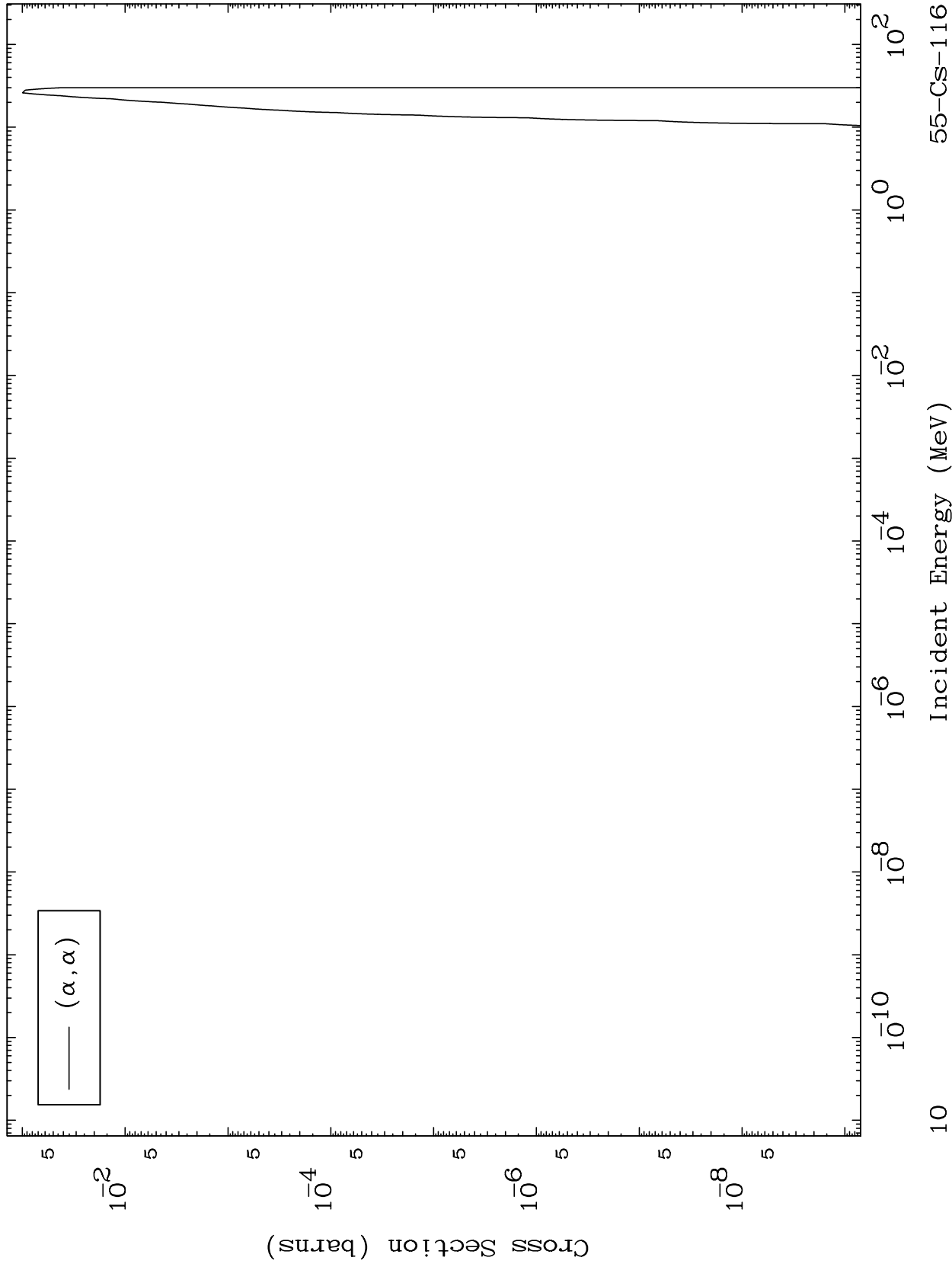
Incident Energy (MeV)

55-Cs-116

MAT 5475

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-116

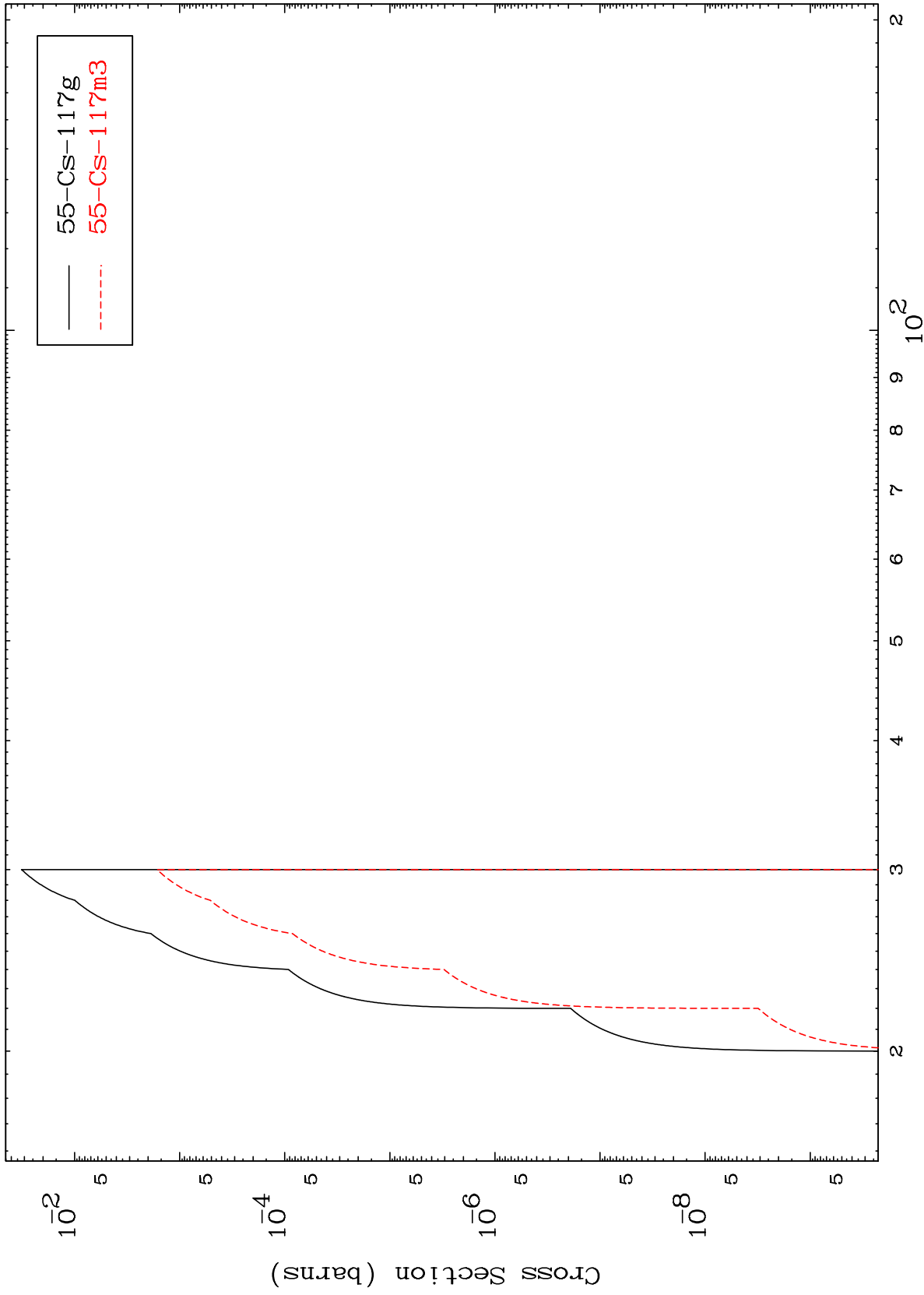


MAT 5475

($\alpha, 2n$) p

55-Cs-116

Radionuclide Production Cross Section



11

Incident Energy (MeV)

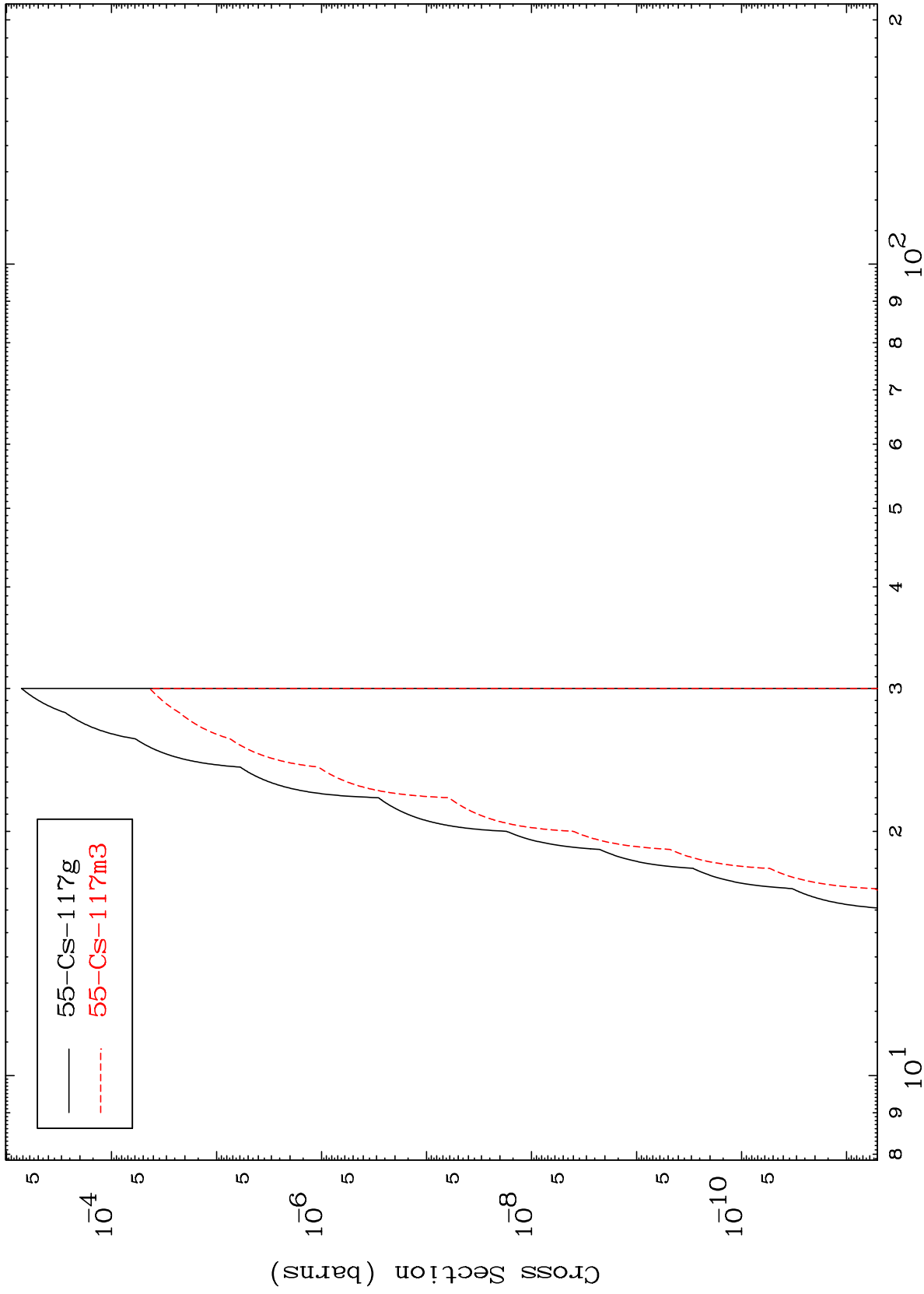
55-Cs-116

MAT 5475

(α ,He-3)

55-Cs-116

Radionuclide Production Cross Section



12

Incident Energy (MeV)

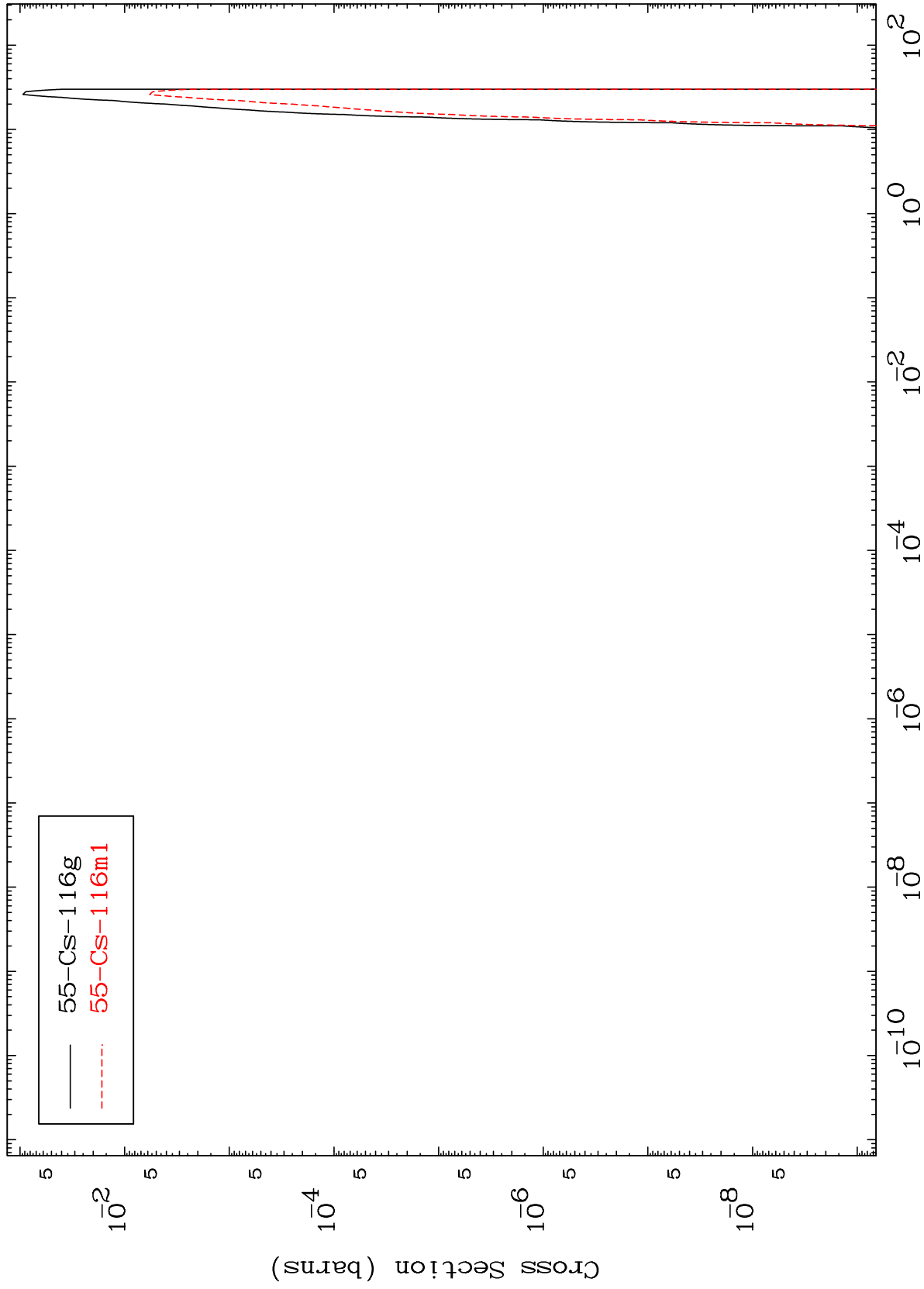
55-Cs-116

MAT 5475

(α, α)

55-Cs-116

Radionuclide Production Cross Section



13

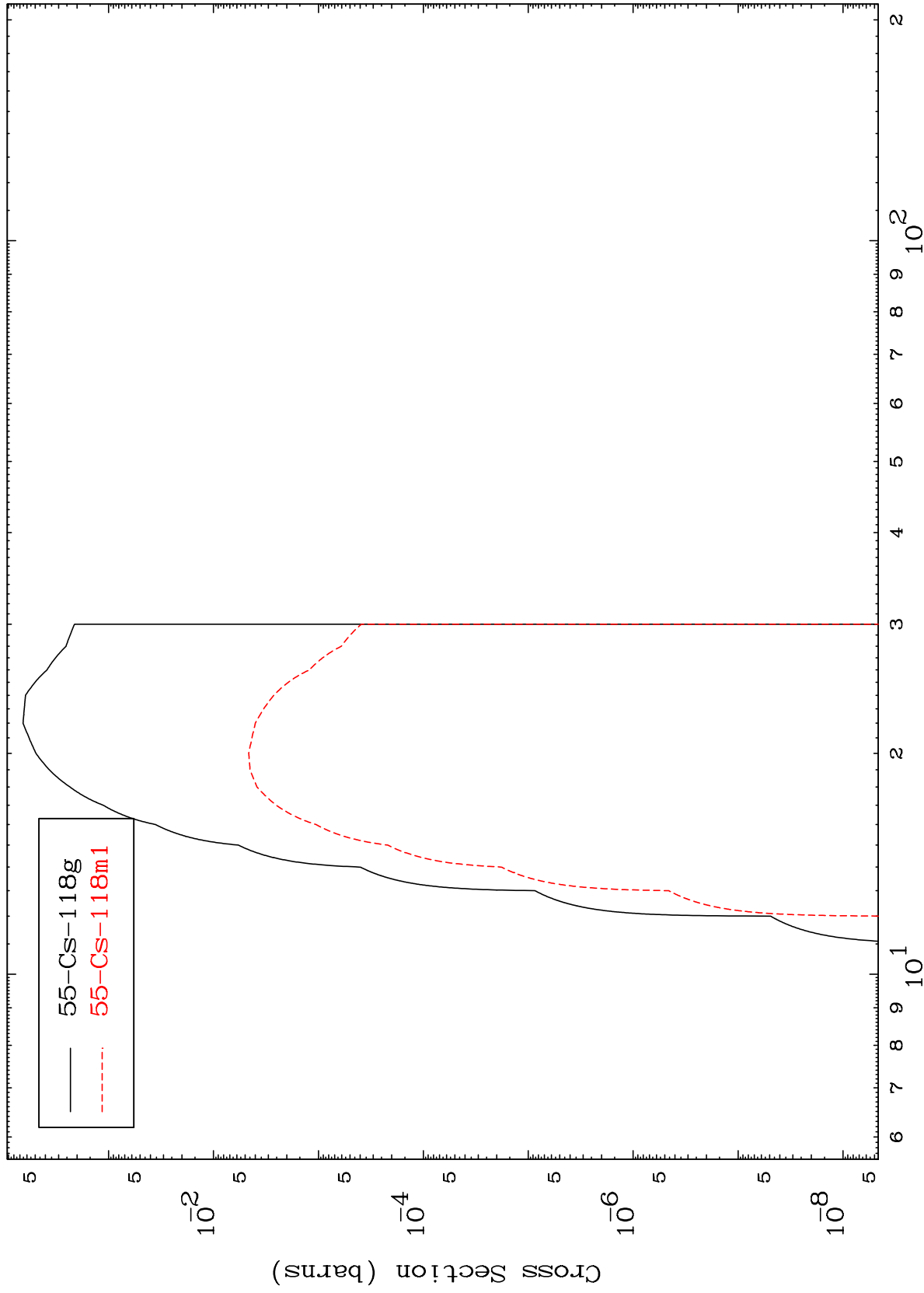
Incident Energy (MeV)

55-Cs-116

MAT 5475

55-Cs-116

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



14

Incident Energy (MeV)

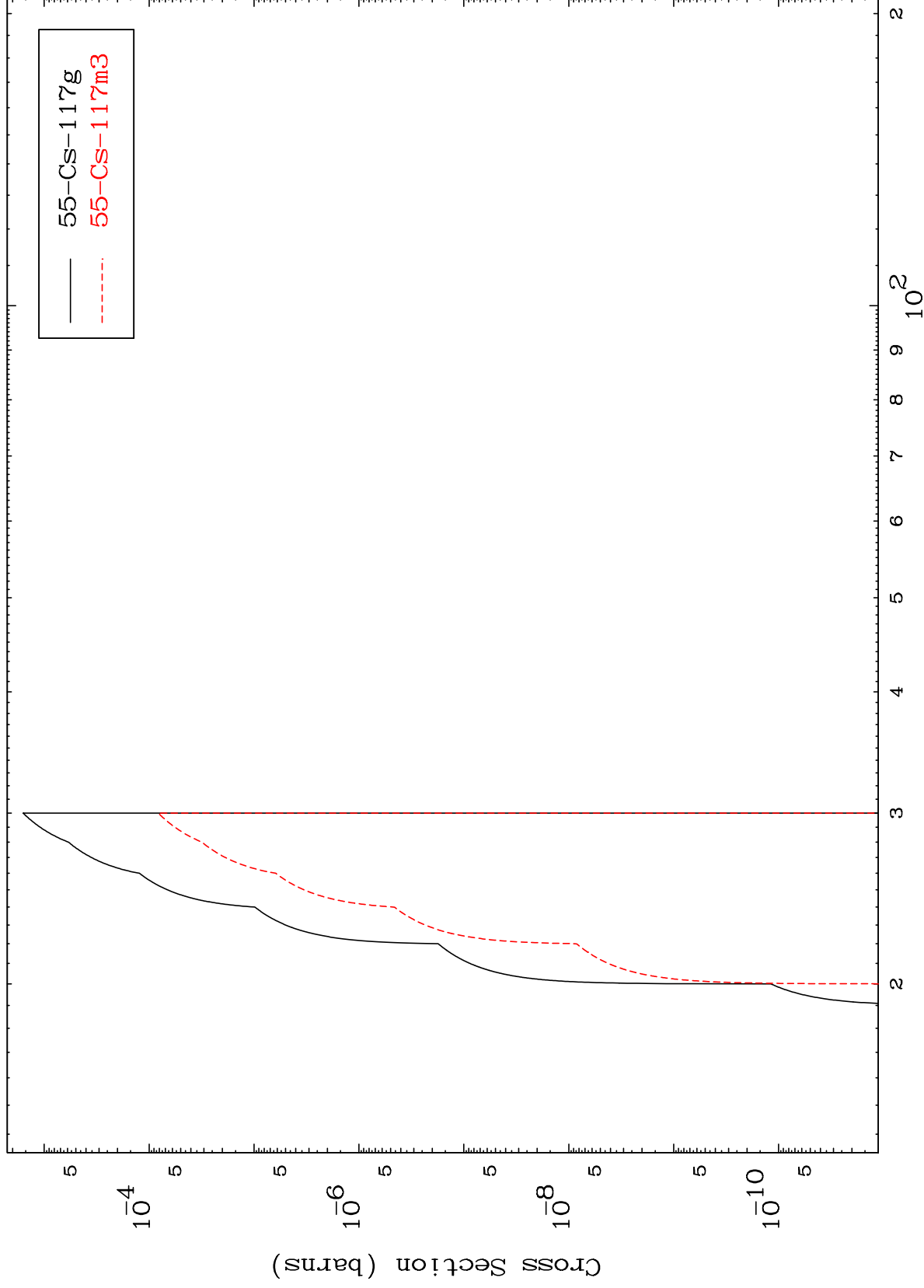
55-Cs-116

MAT 5475

(α ,p) d

55-Cs-116

Radionuclide Production Cross Section



15

Incident Energy (MeV)

55-Cs-116

