

Program EVALPLOT
(Version 2018-1)

by

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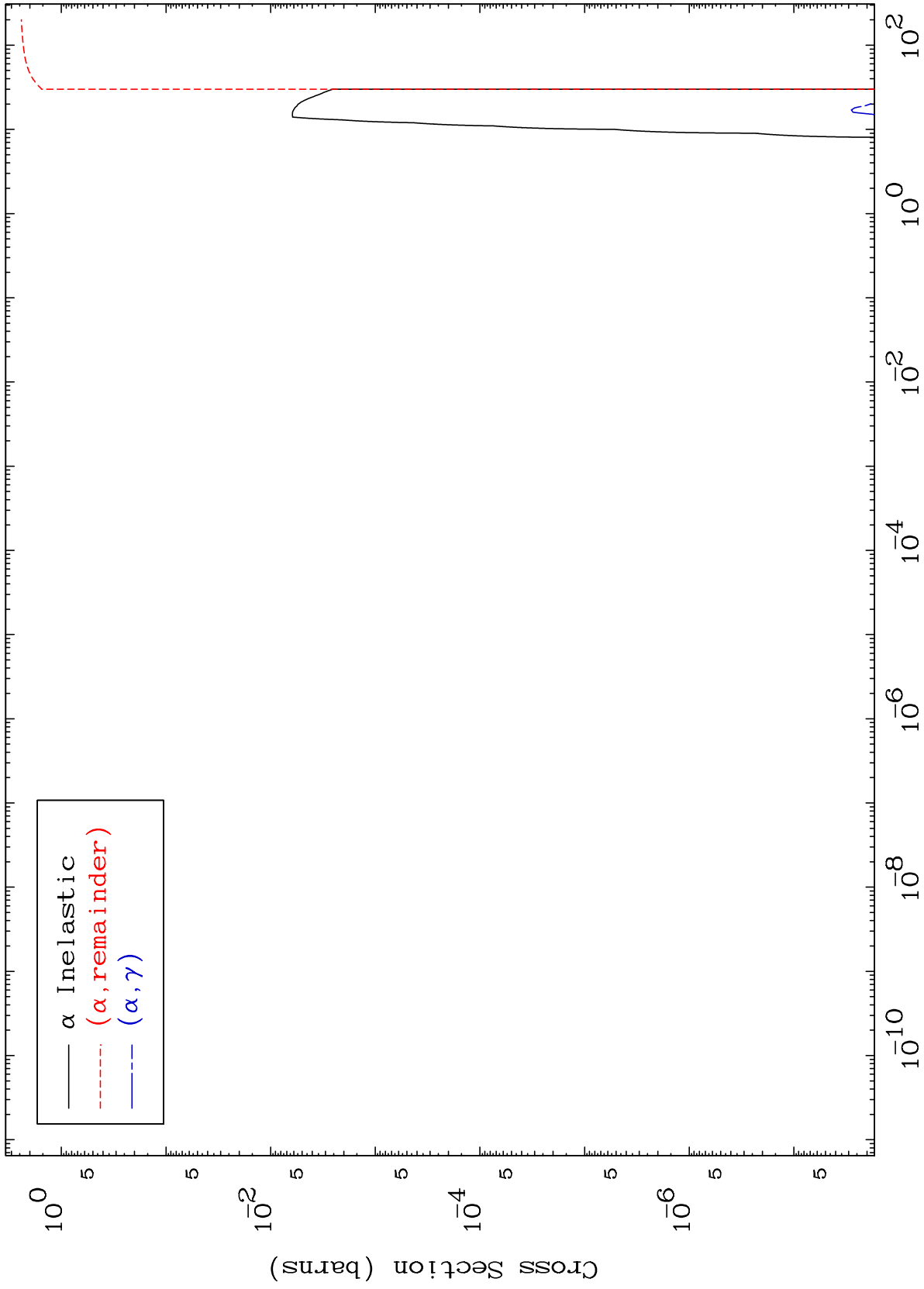
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5559

0 Kelvin α Major
Cross Sections

55-Cs-144



1

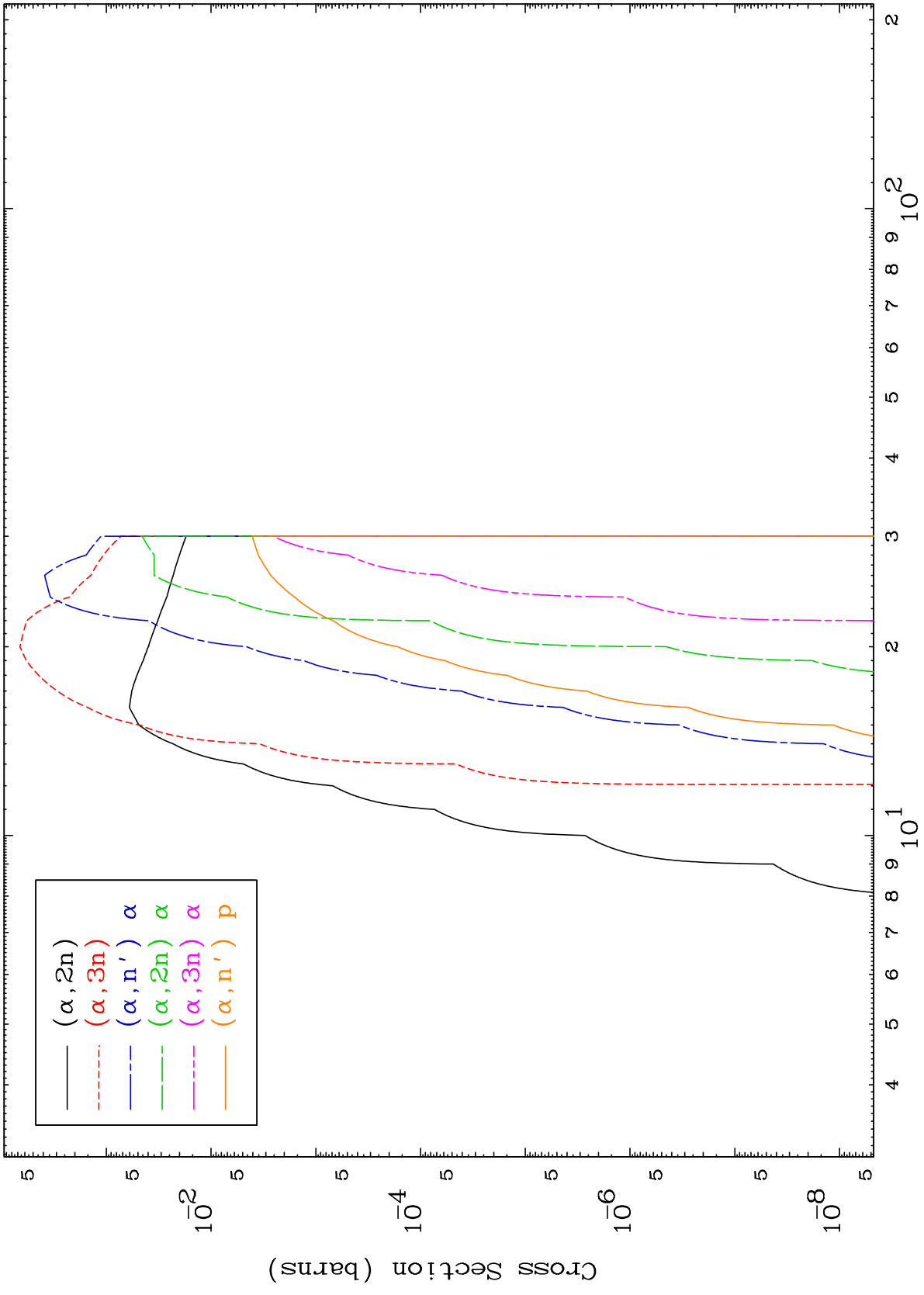
Incident Energy (MeV)

55-Cs-144

MAT 5559

α Neutron Production
0 Kelvin Cross Sections

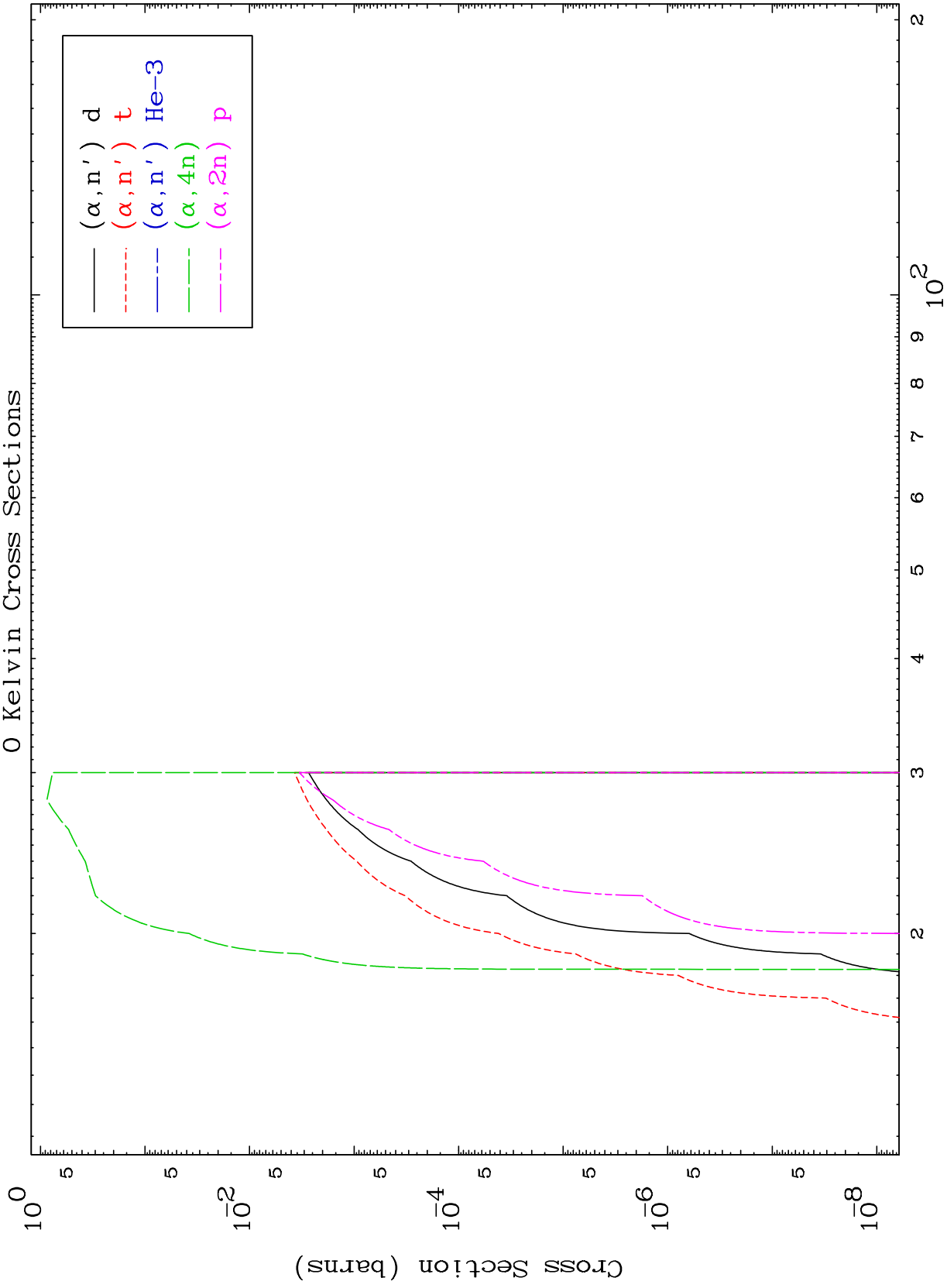
55-Cs-144

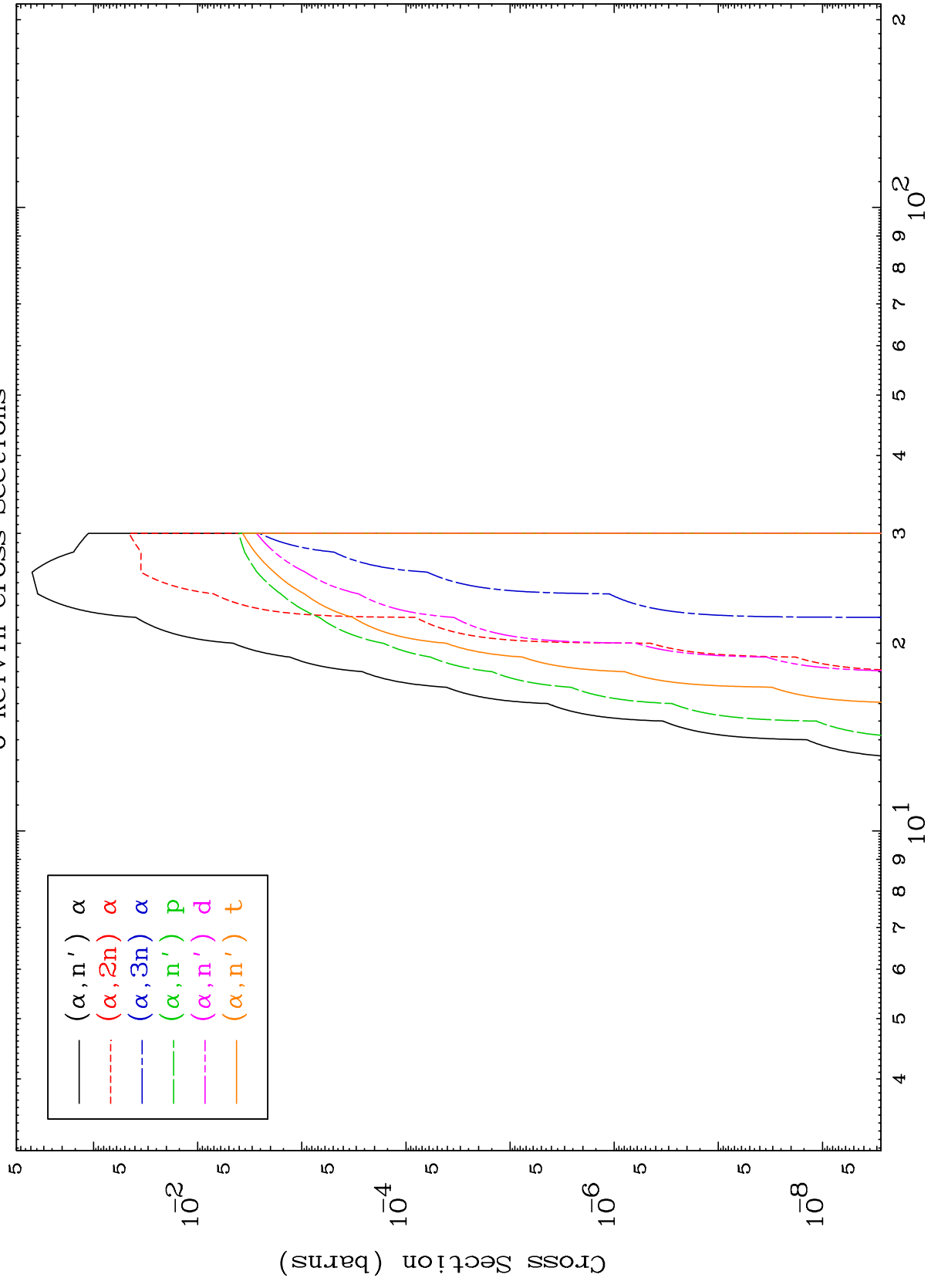


2

Incident Energy (MeV)

55-Cs-144

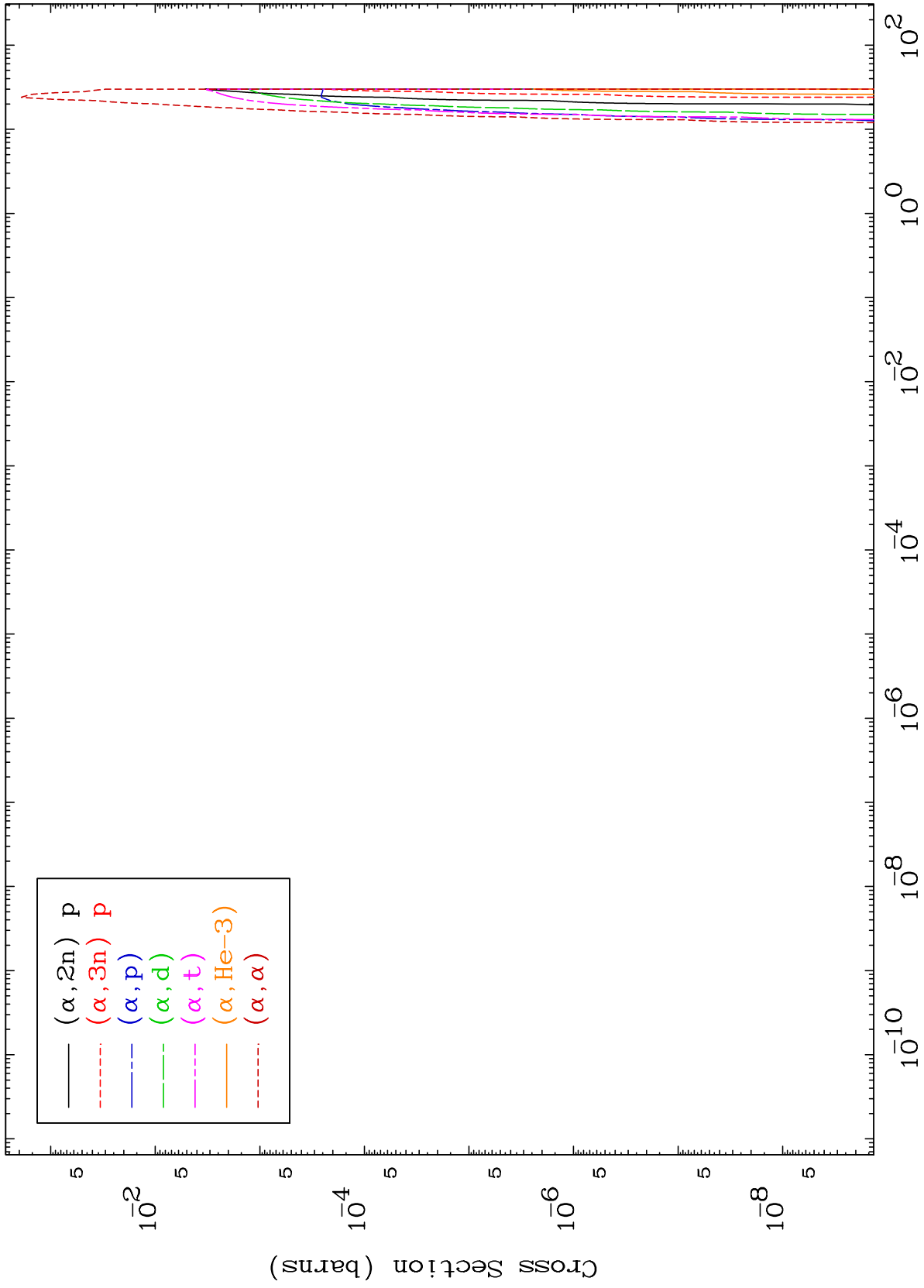




MAT 5559

α Charged Particle
0 Kelvin Cross Sections

55-Cs-144



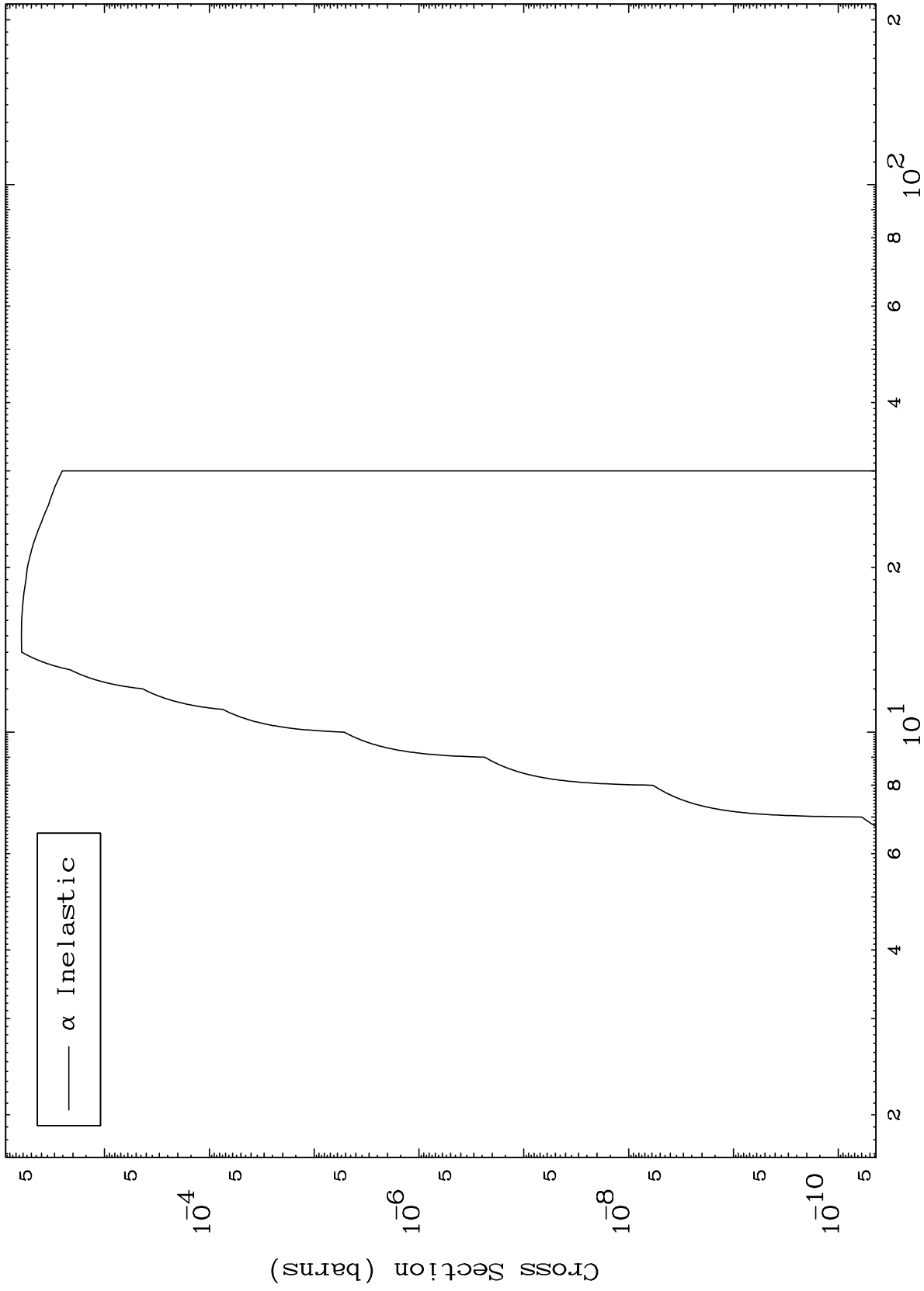
5

55-Cs-144

MAT 5559

(α, n') Level
0 Kelvin Cross Sections

55-Cs-144



6

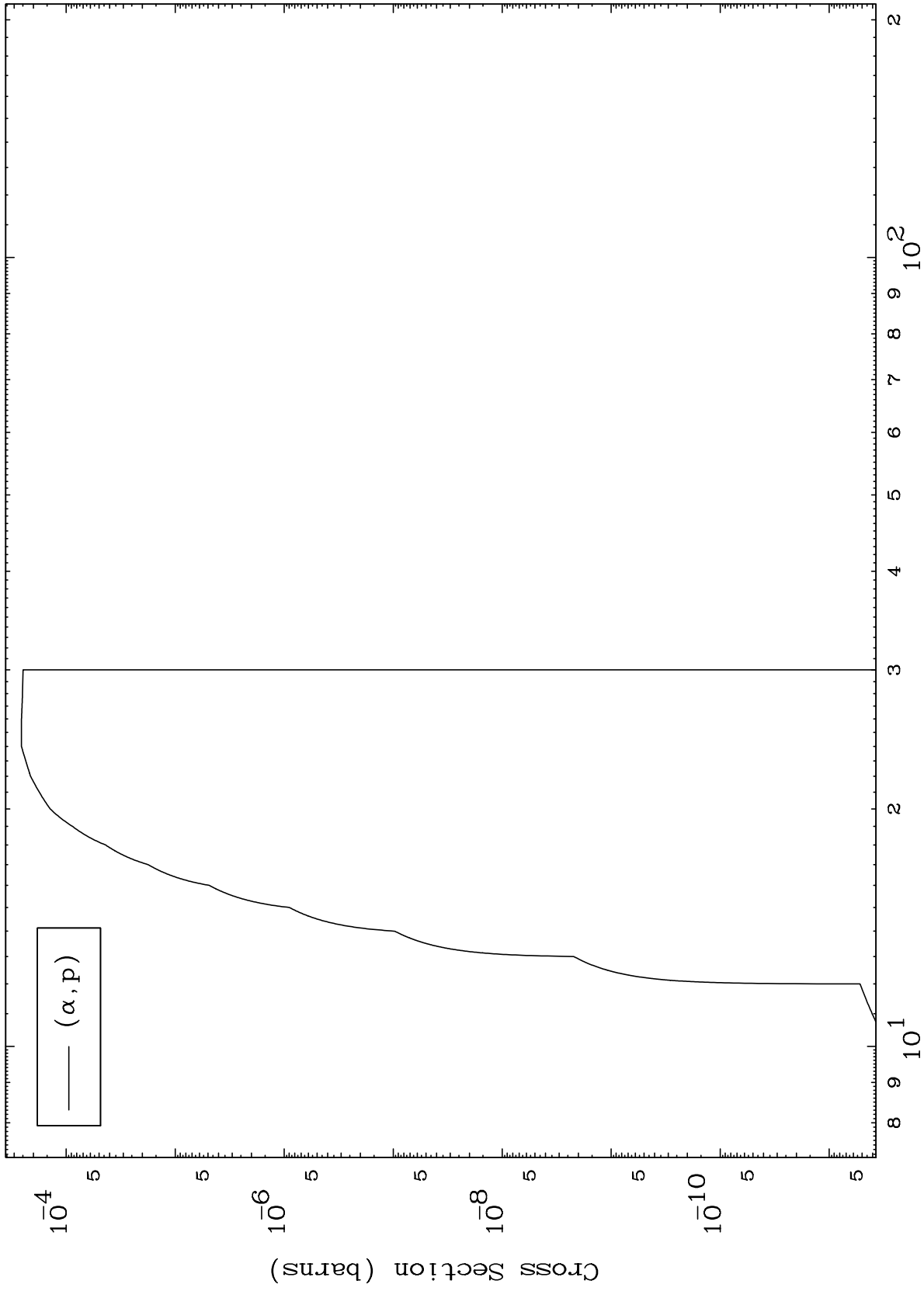
Incident Energy (MeV)

55-Cs-144

MAT 5559

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-144



7

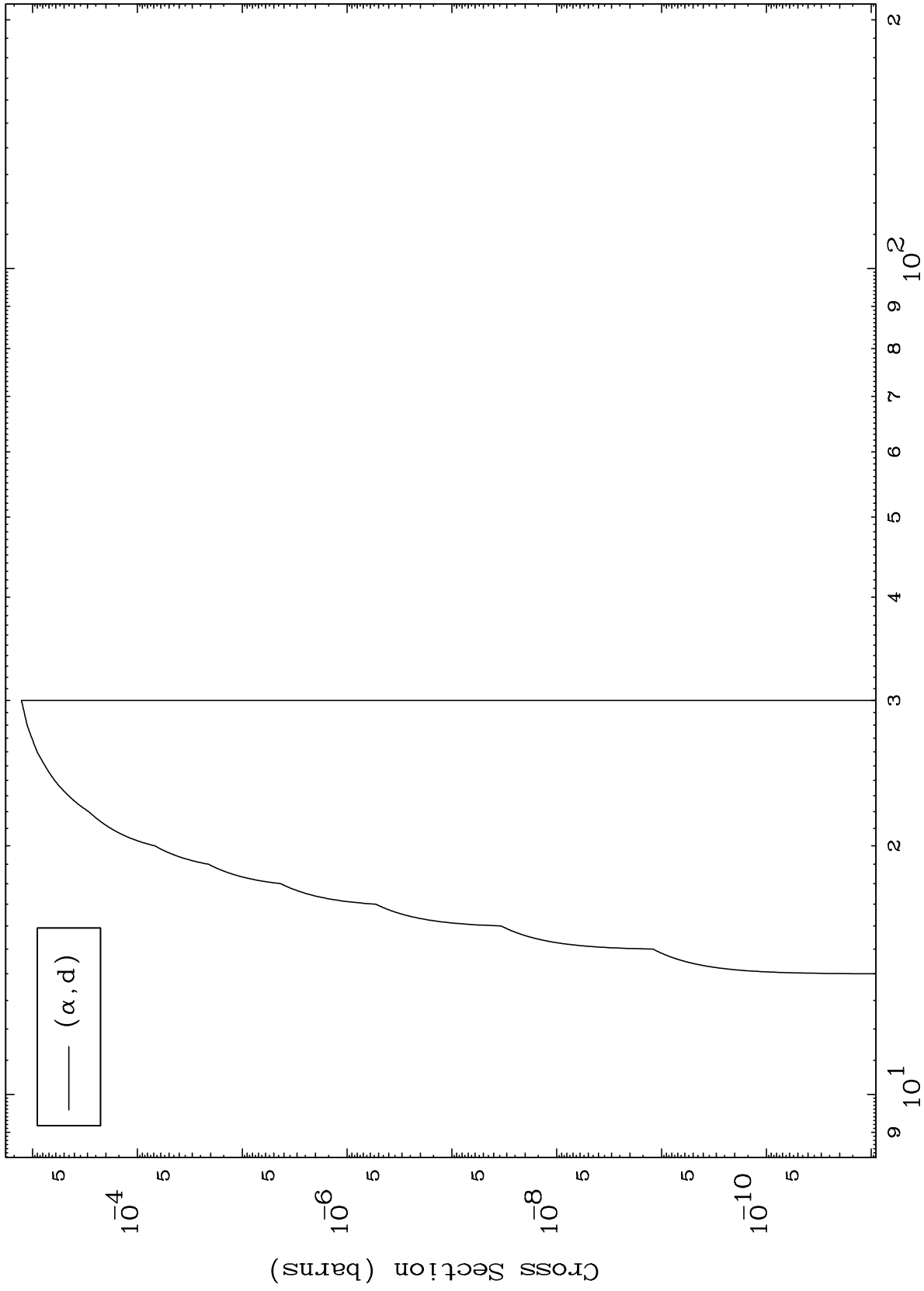
Incident Energy (MeV)

55-Cs-144

MAT 5559

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-144



8

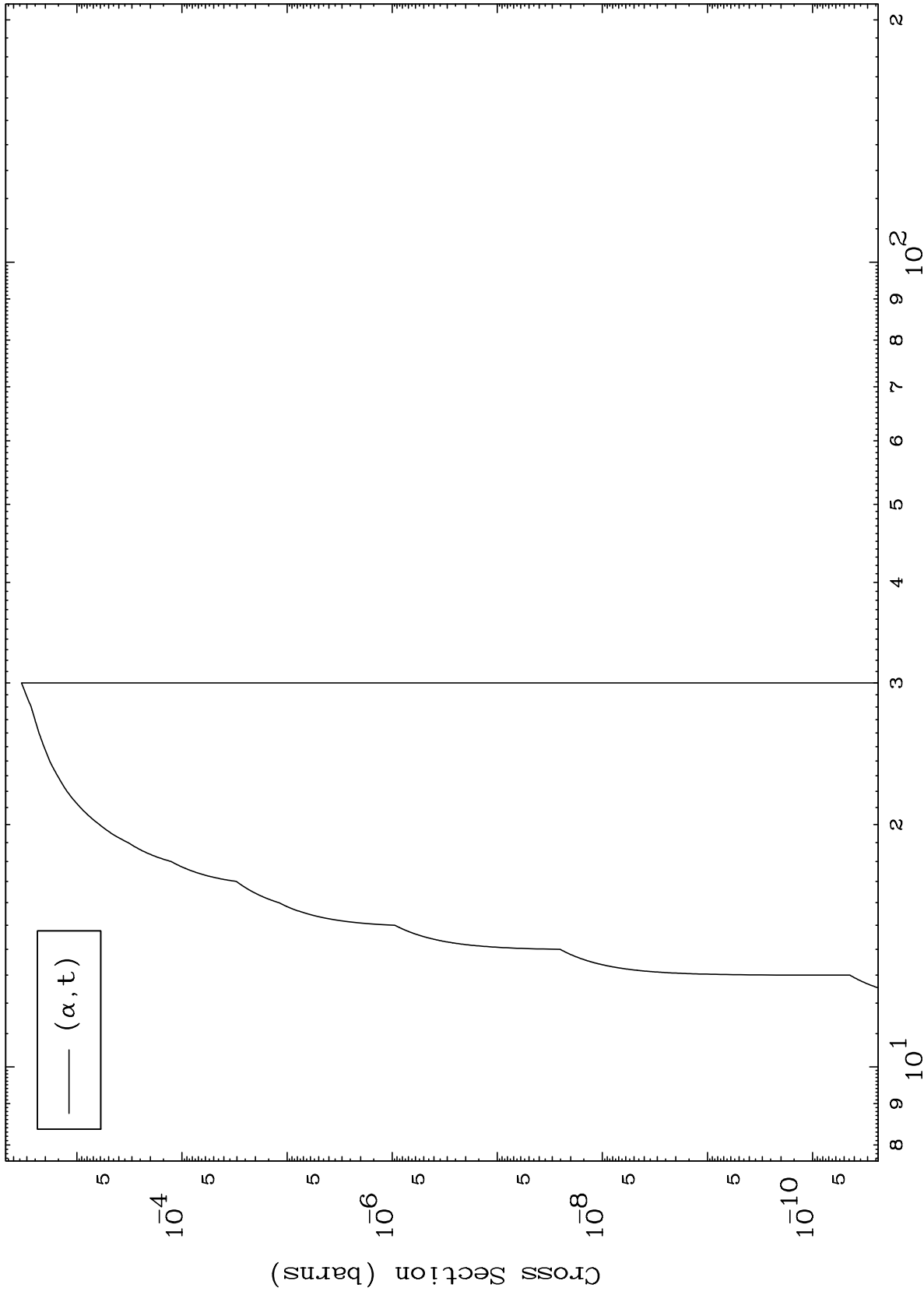
Incident Energy (MeV)

55-Cs-144

MAT 5559

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-144



9

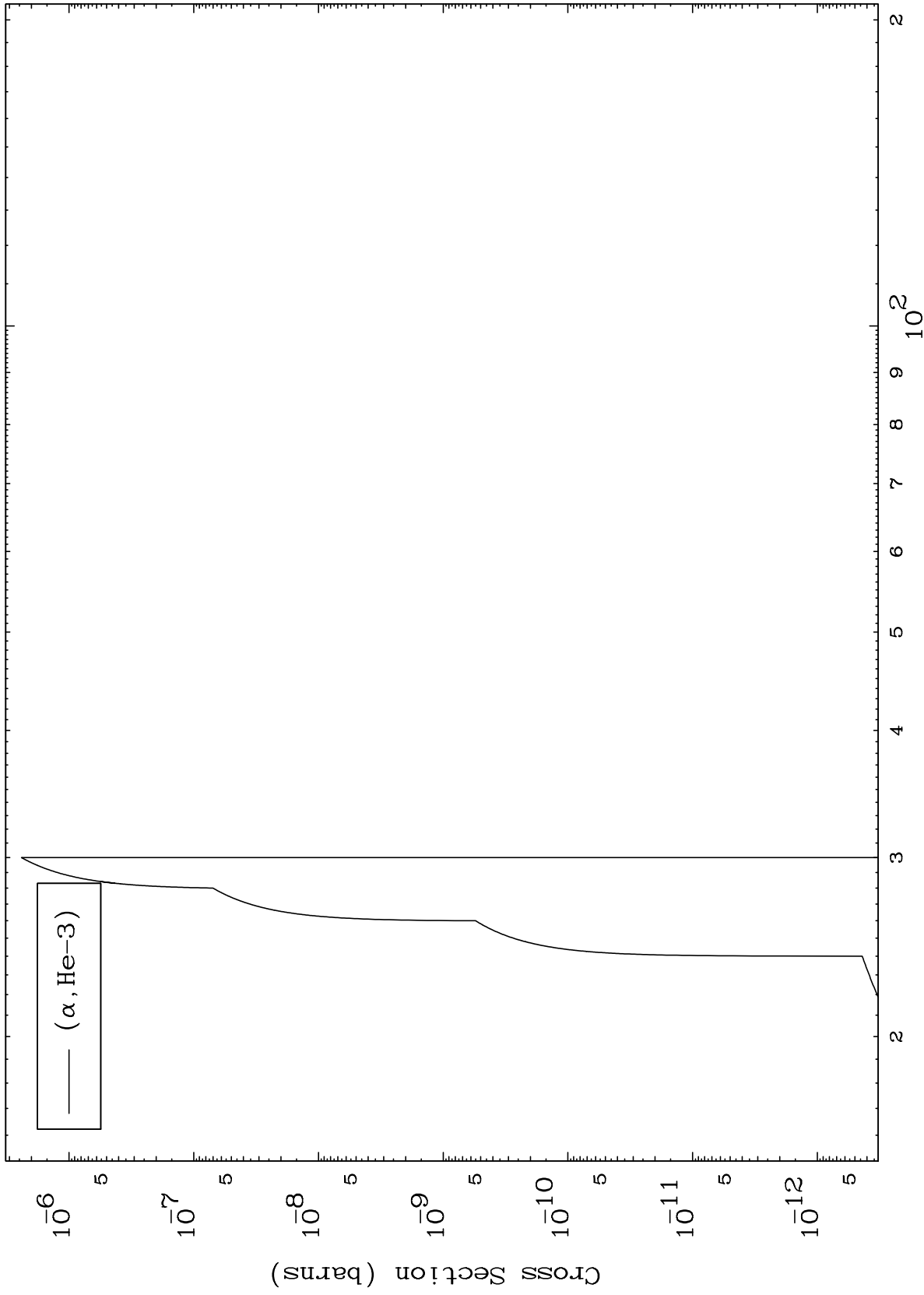
Incident Energy (MeV)

55-Cs-144

MAT 5559

(α ,He3) Levels
0 Kelvin Cross Sections

55-Cs-144



10

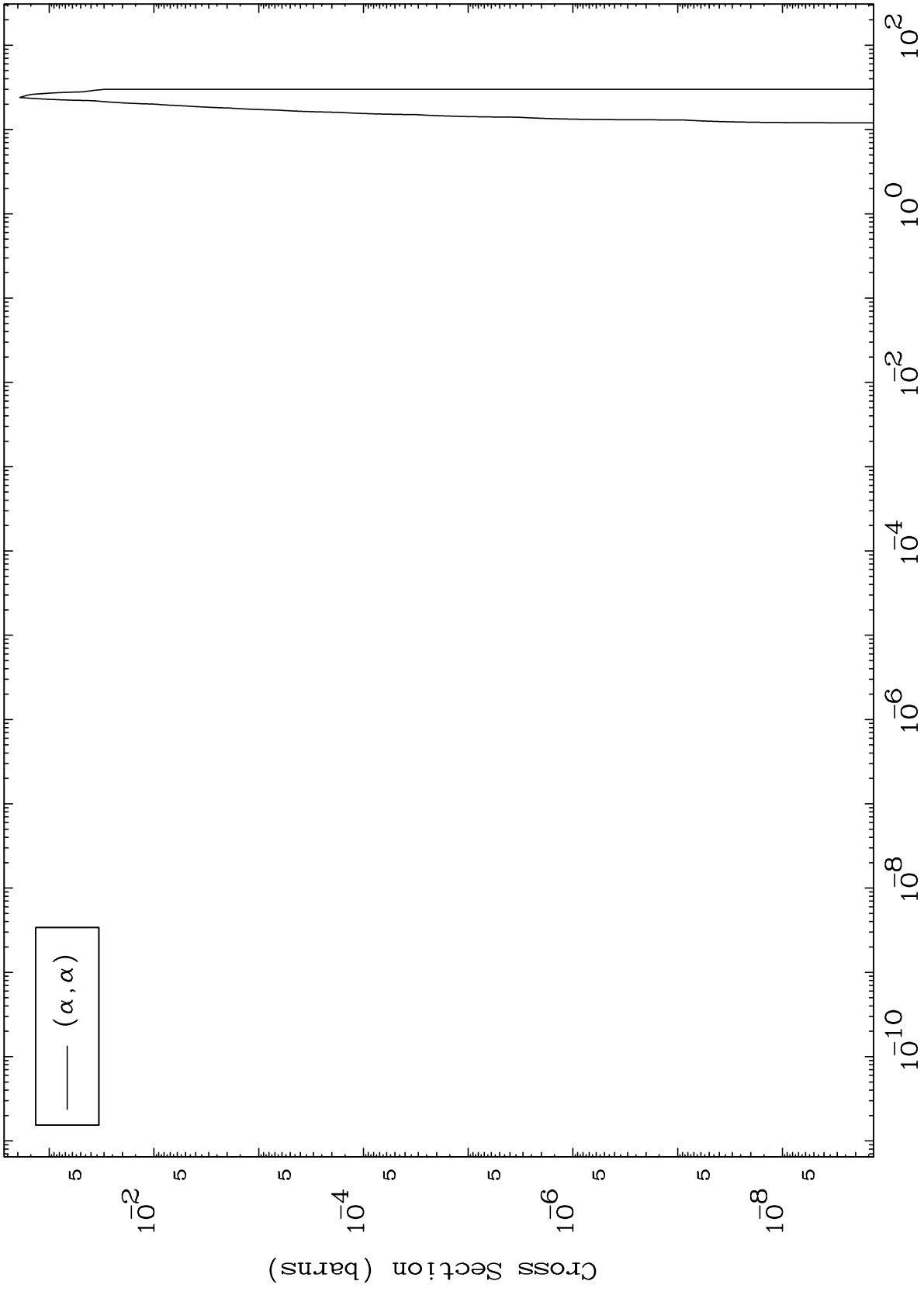
Incident Energy (MeV)

55-Cs-144

MAT 5559

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-144



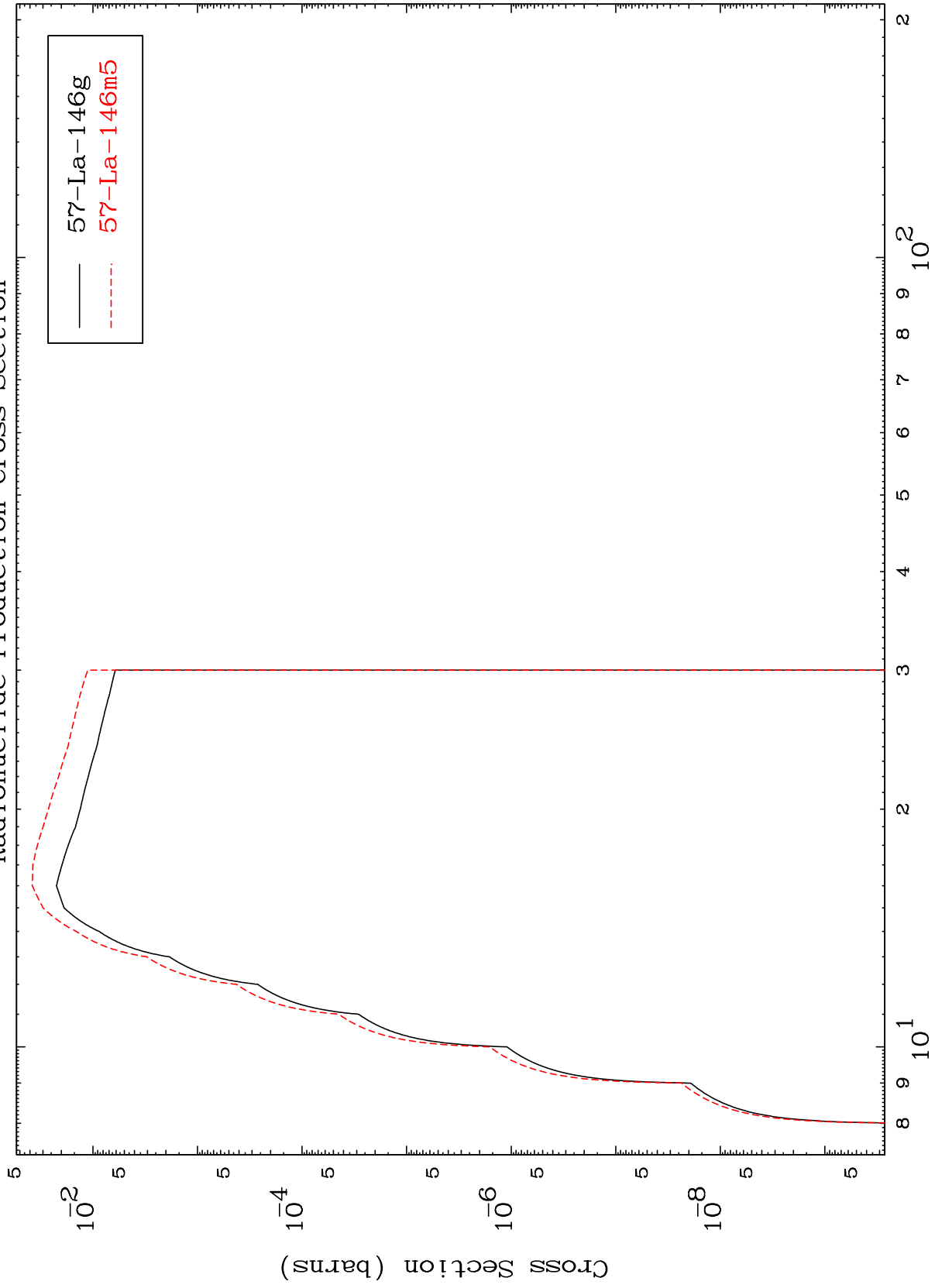
11

55-Cs-144

MAT 5559

55-Cs-144

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



12

Incident Energy (MeV)

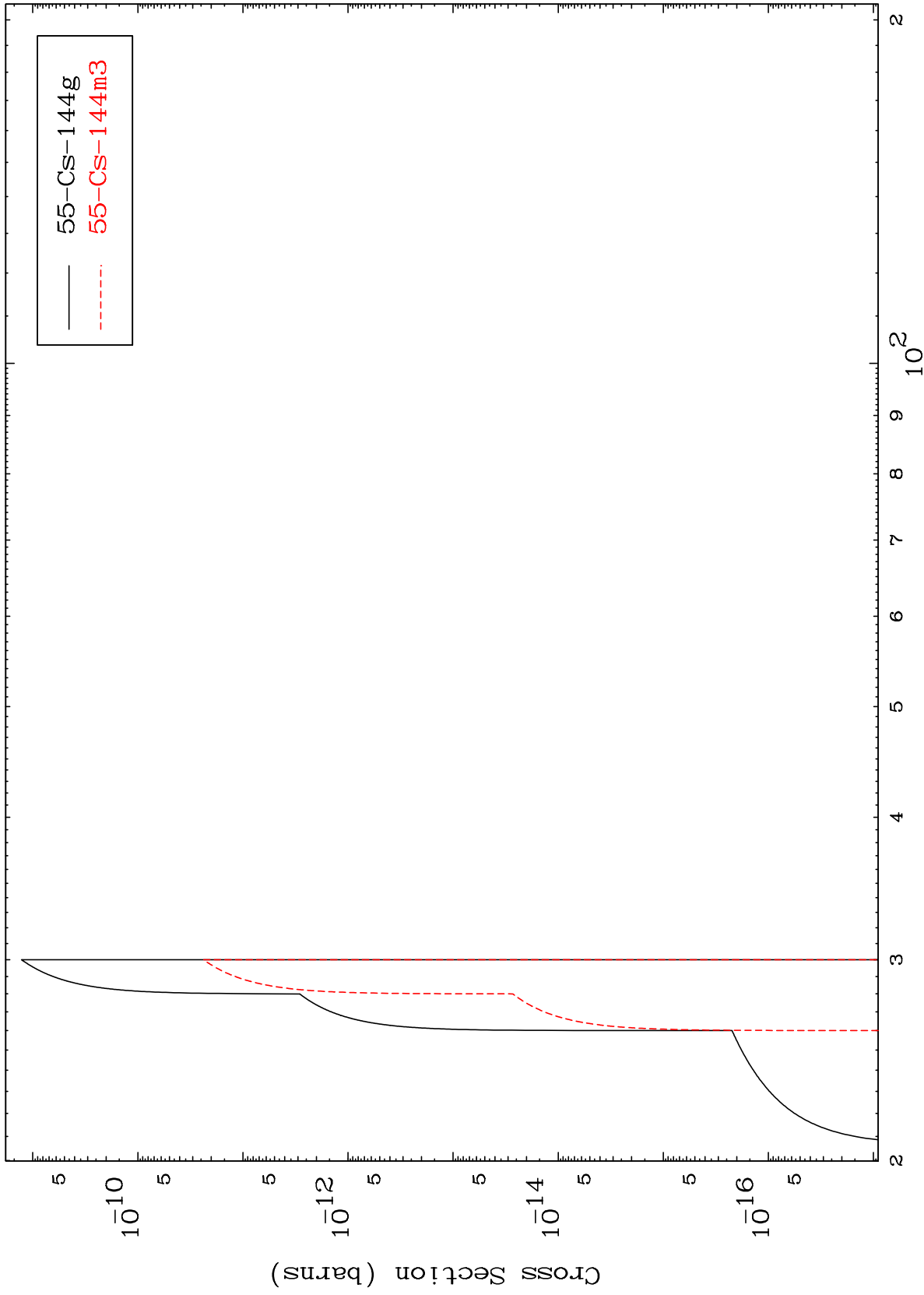
55-Cs-144

MAT 5559

(α, n') He-3

55-Cs-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

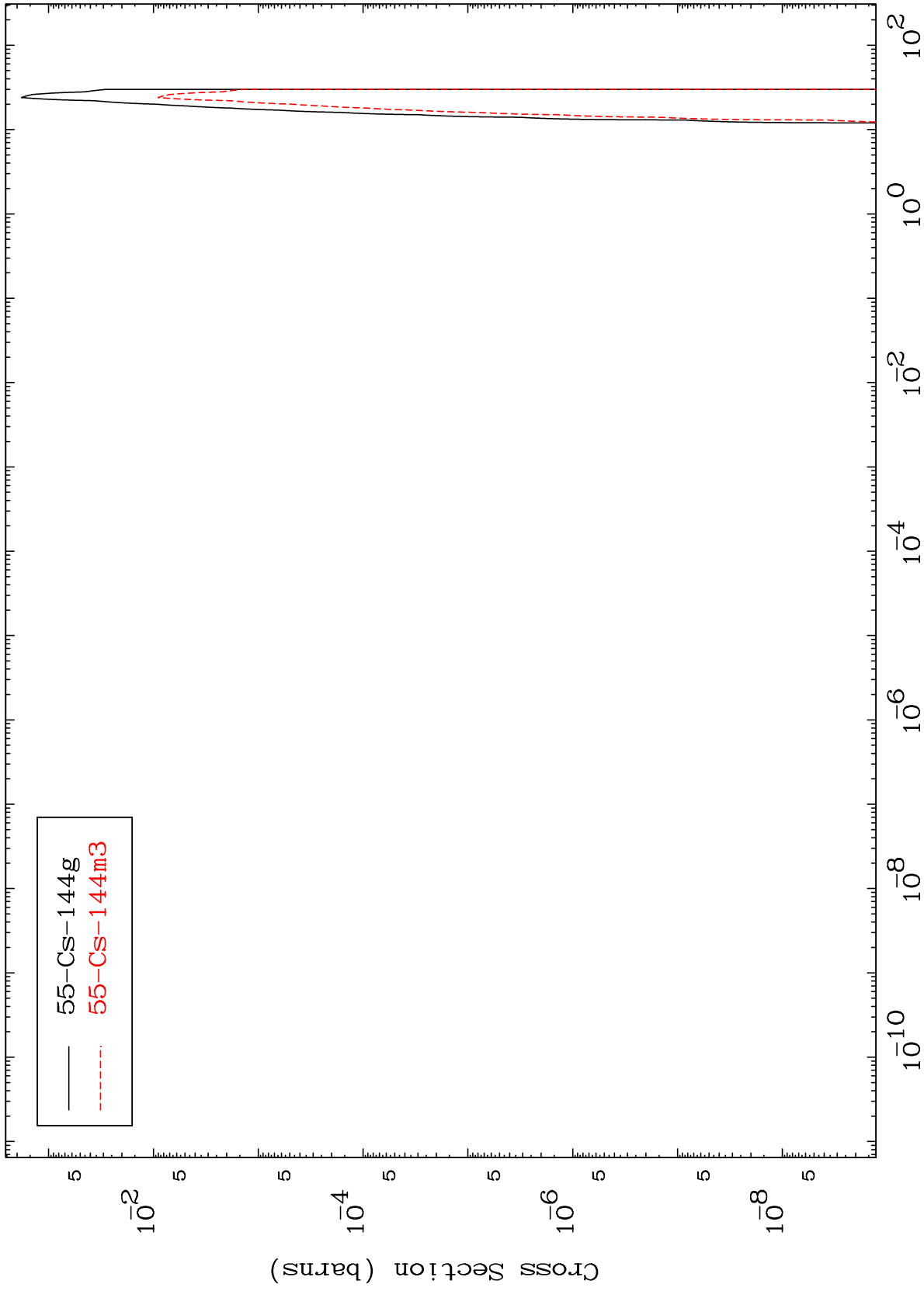
55-Cs-144

MAT 5559

(α, α)

55-Cs-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

55-Cs-144