

Program EVALPLOT
(Version 2018-1)

by

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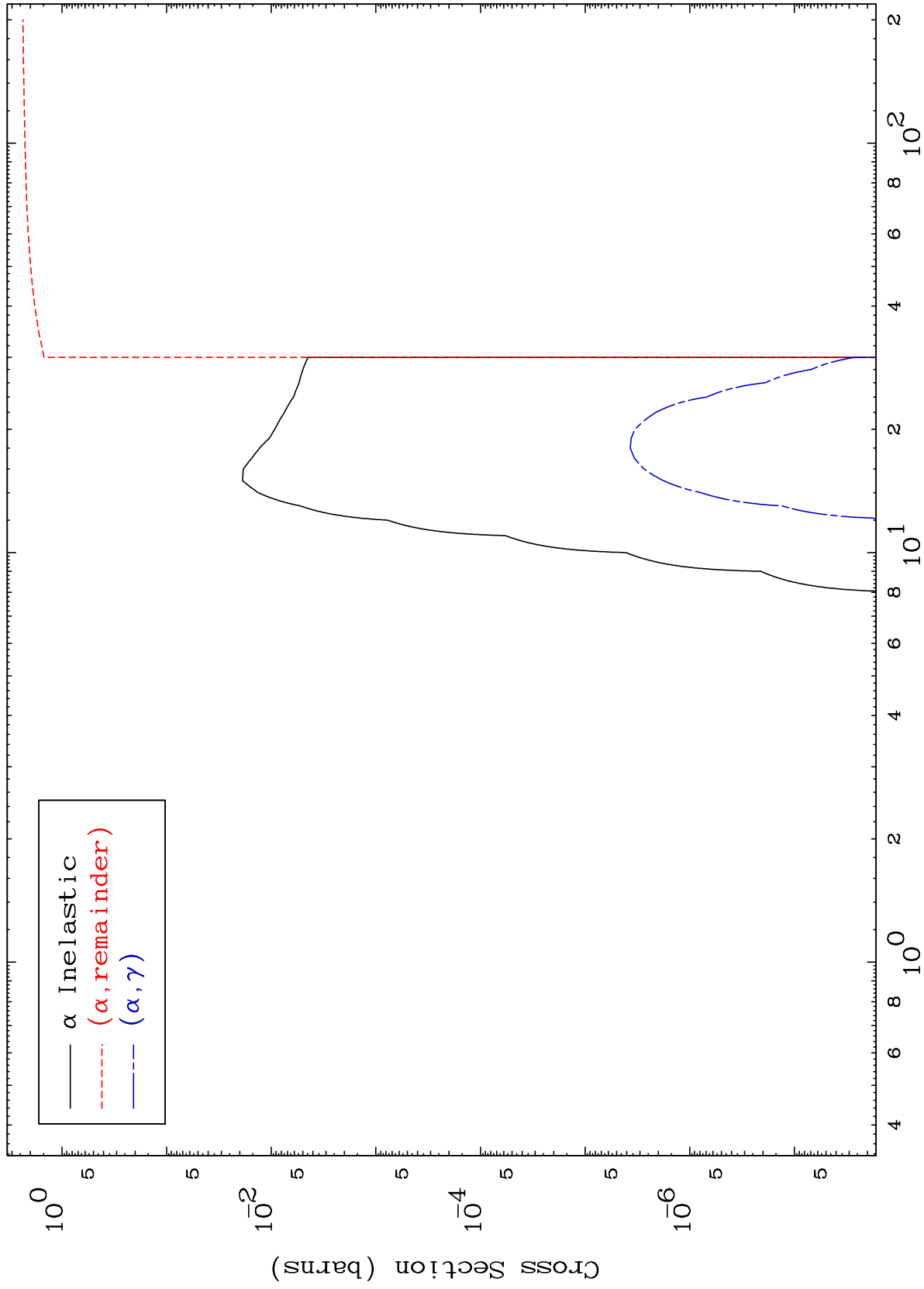
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5541

0 Kelvin α Major
Cross Sections

55-Cs-138



1

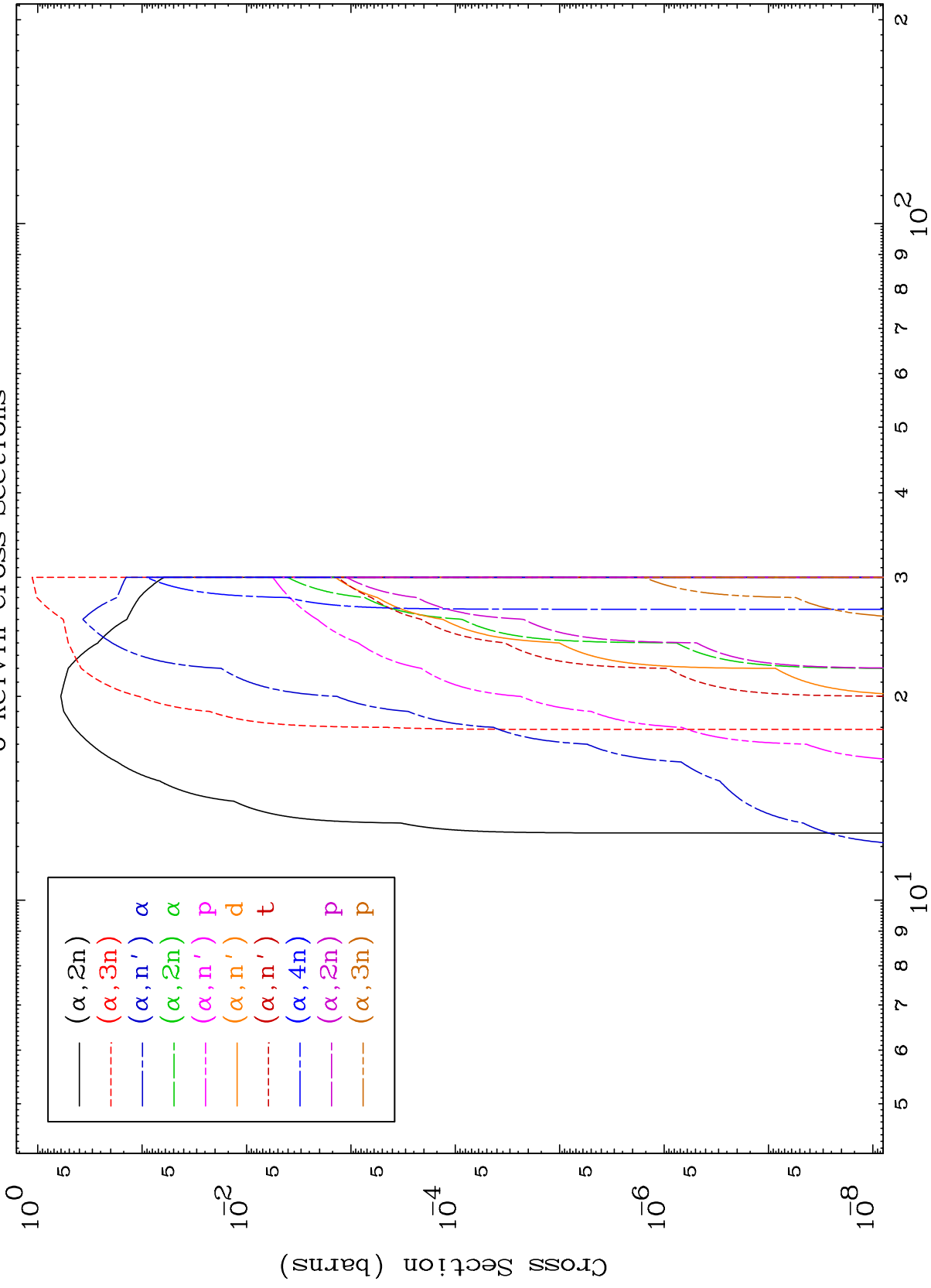
Incident Energy (MeV)

55-Cs-138

MAT 5541

α Neutron Production
0 Kelvin Cross Sections

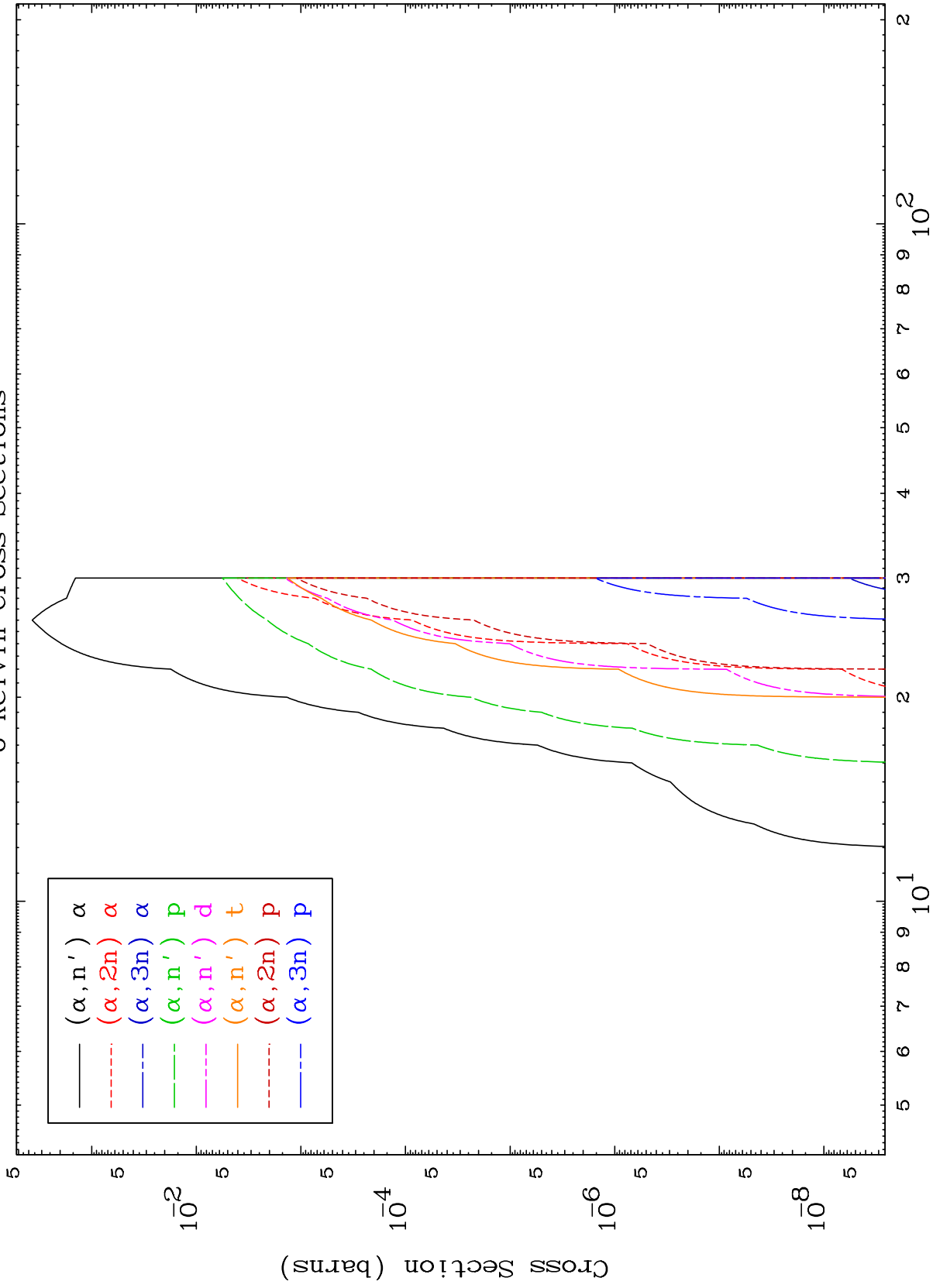
55-Cs-138



2

Incident Energy (MeV)

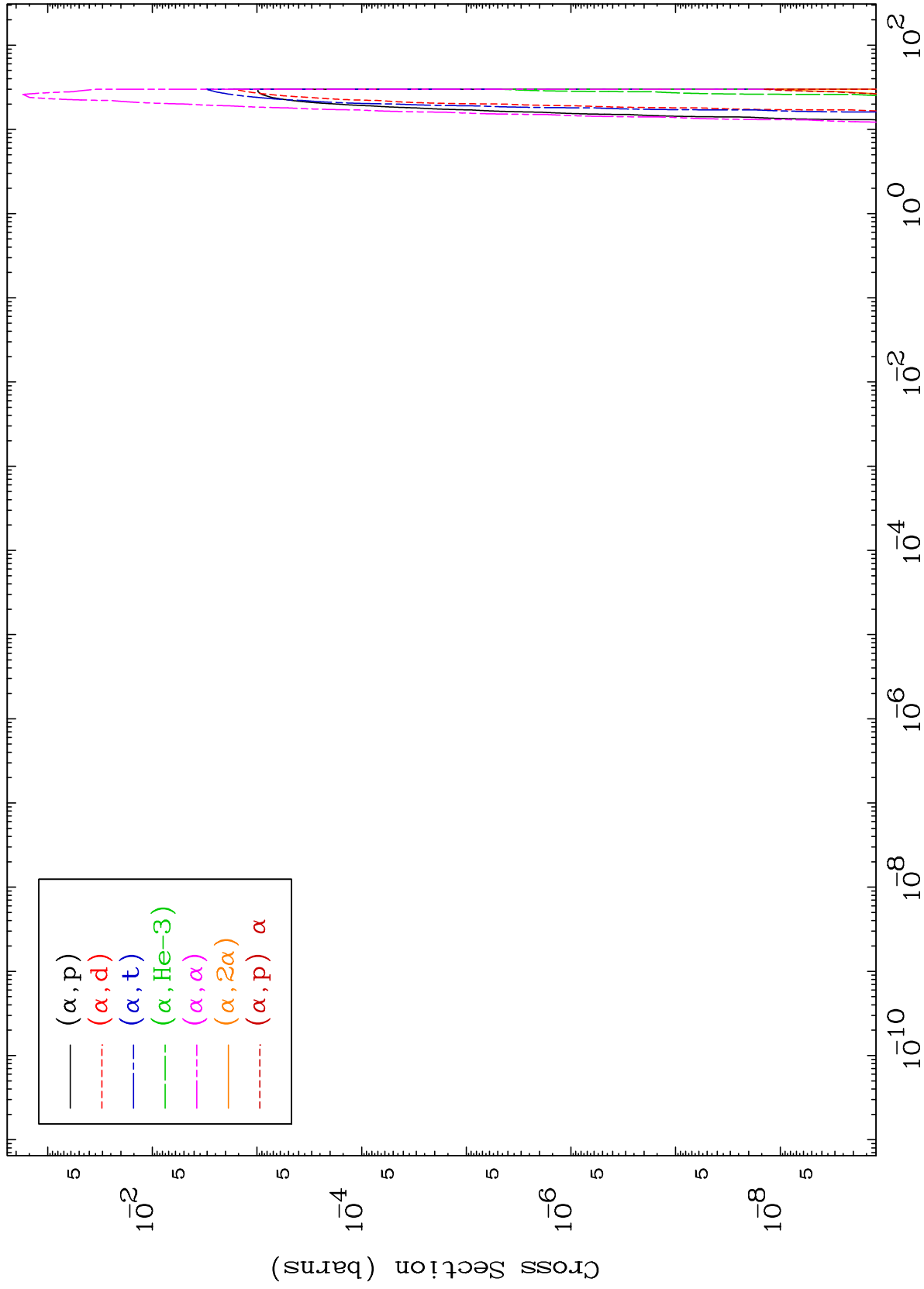
55-Cs-138



MAT 5541

α Charged Particle
0 Kelvin Cross Sections

55-Cs-138



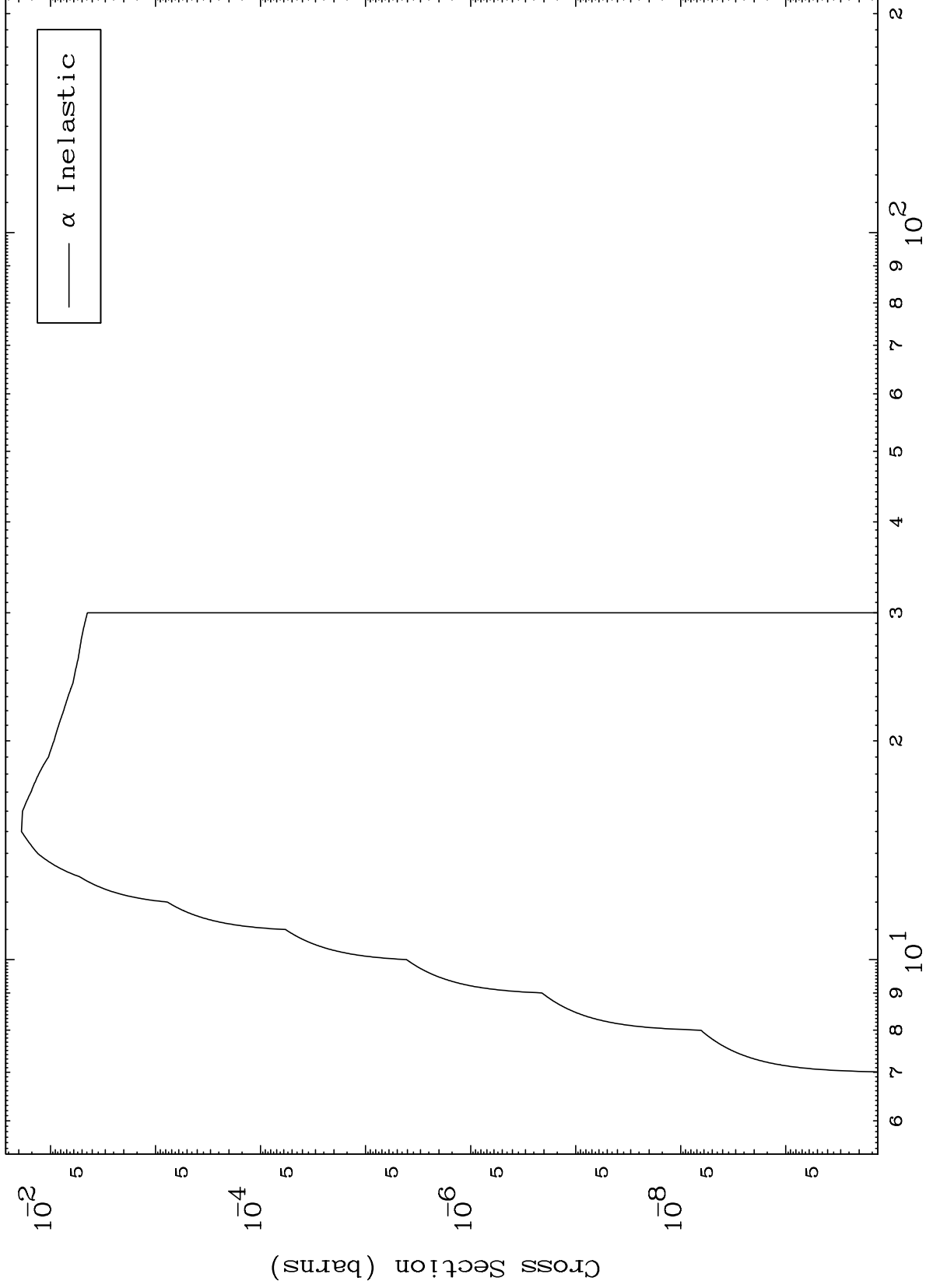
55-Cs-138

Incident Energy (MeV)

MAT 5541

(α, n') Level
0 Kelvin Cross Sections

55-Cs-138



5

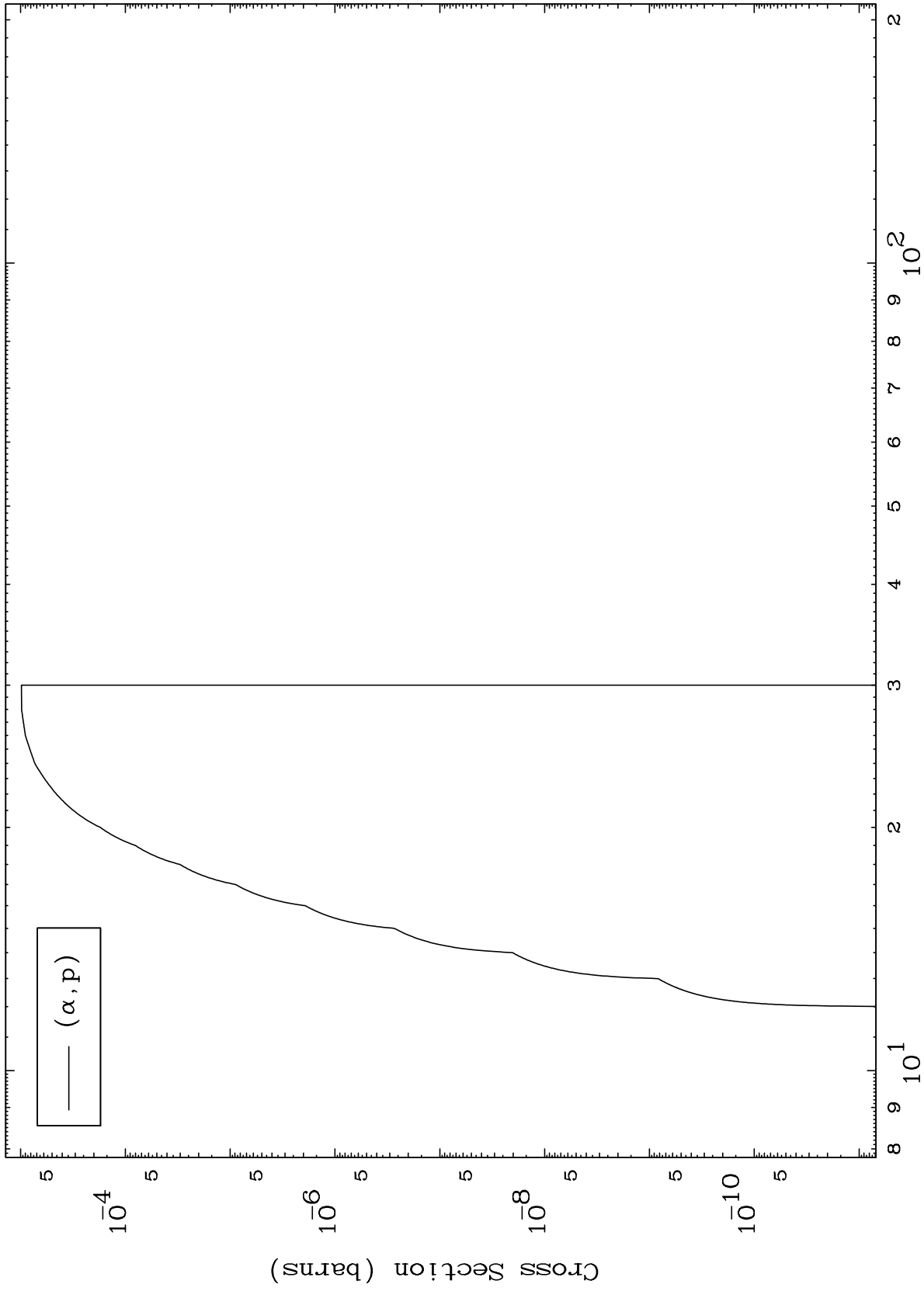
Incident Energy (MeV)

55-Cs-138

MAT 5541

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-138



6

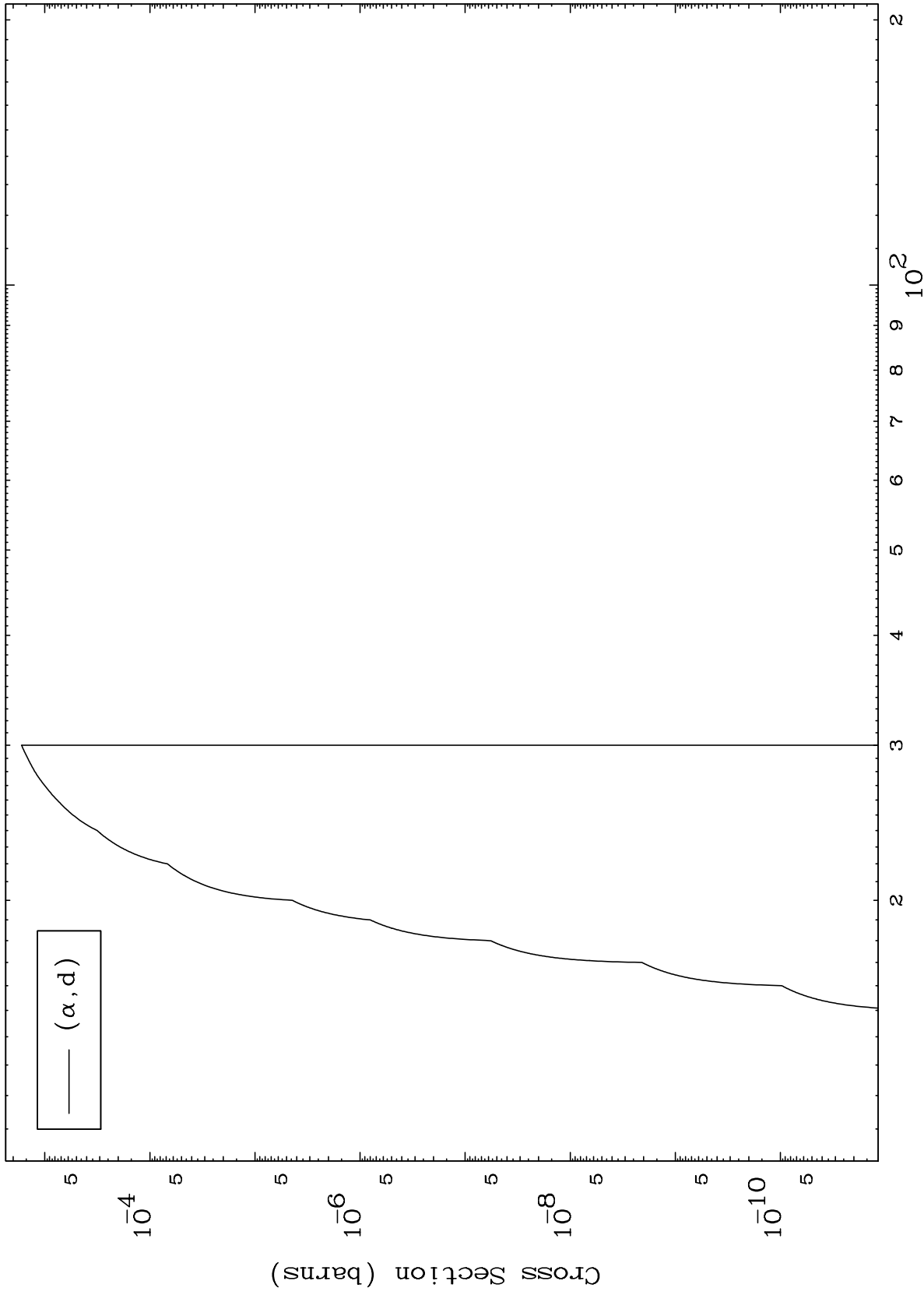
Incident Energy (MeV)

55-Cs-138

MAT 5541

(α, d) Levels
0 Kelvin Cross Sections

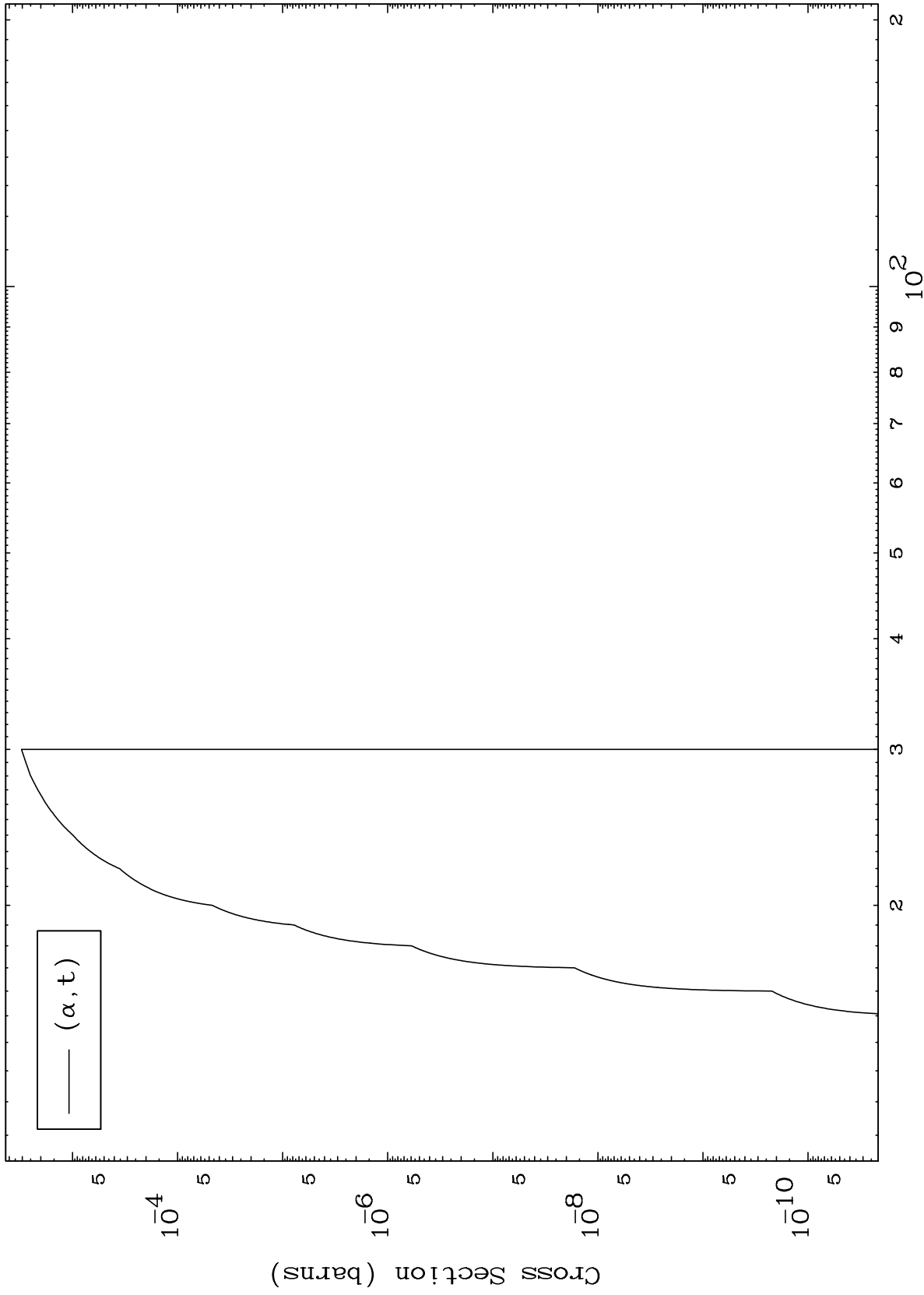
55-Cs-138



7

Incident Energy (MeV)

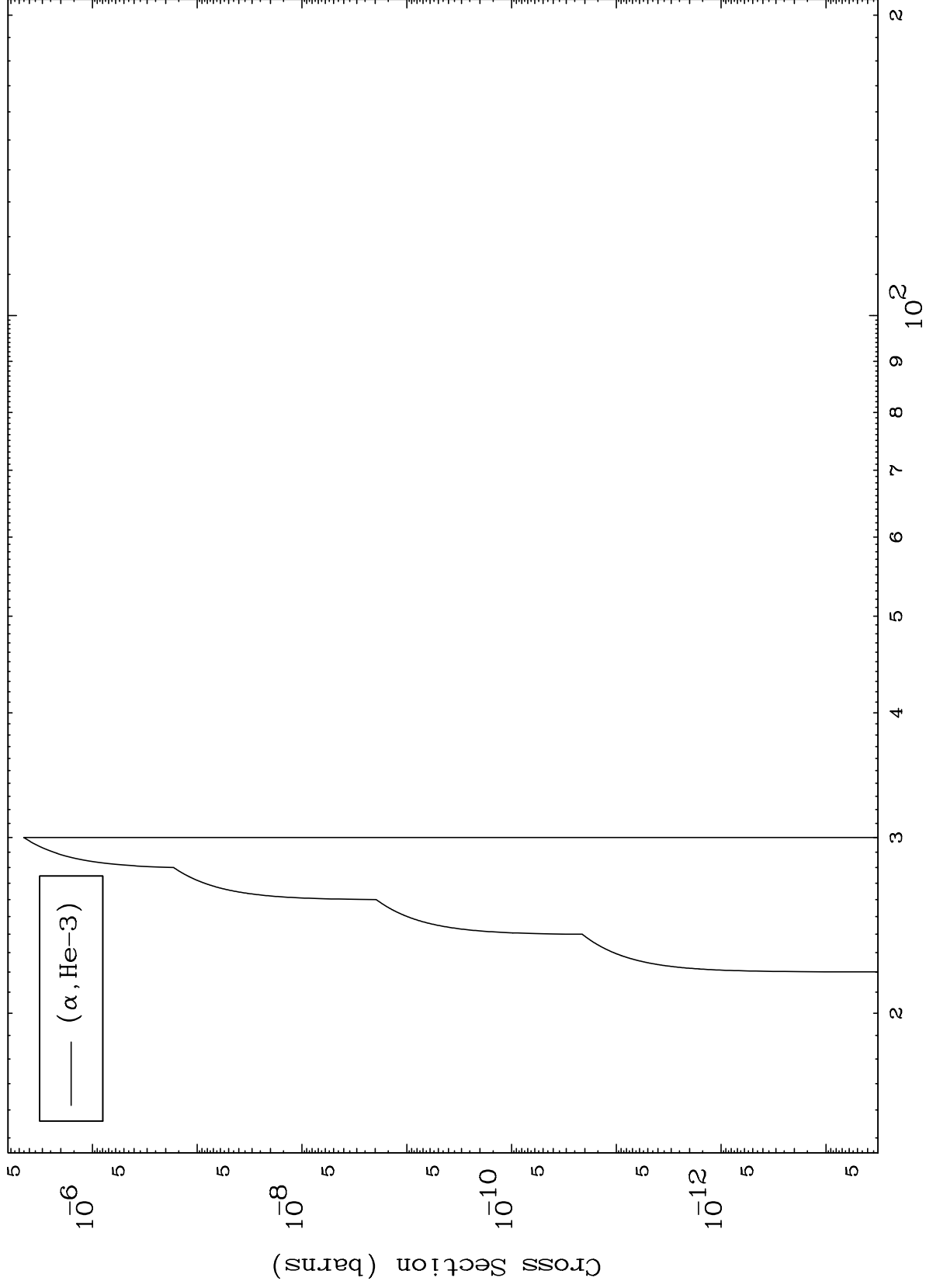
55-Cs-138



MAT 5541

(α ,He3) Levels
0 Kelvin Cross Sections

55-Cs-138



9

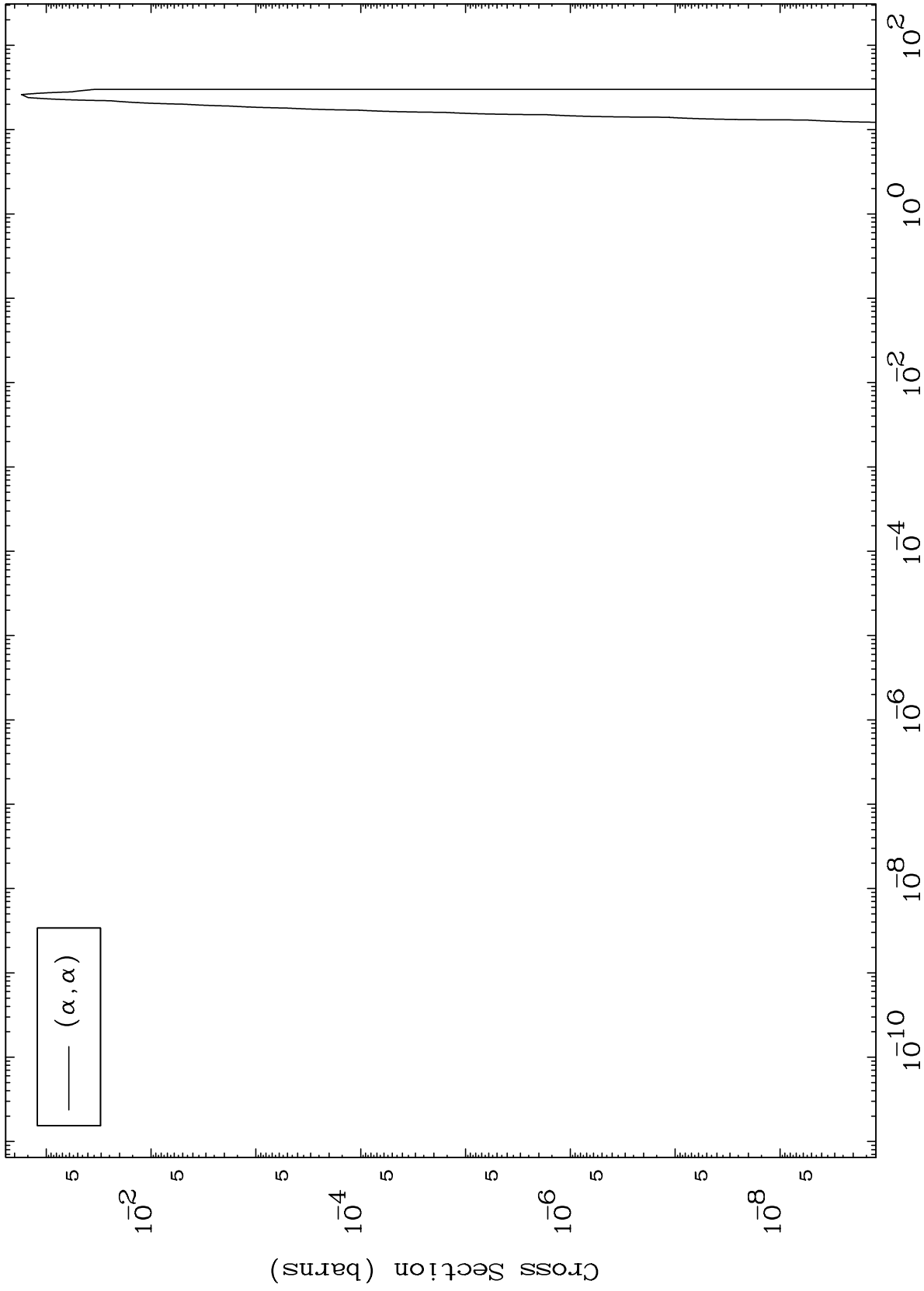
Incident Energy (MeV)

55-Cs-138

MAT 5541

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-138



10

Incident Energy (MeV)

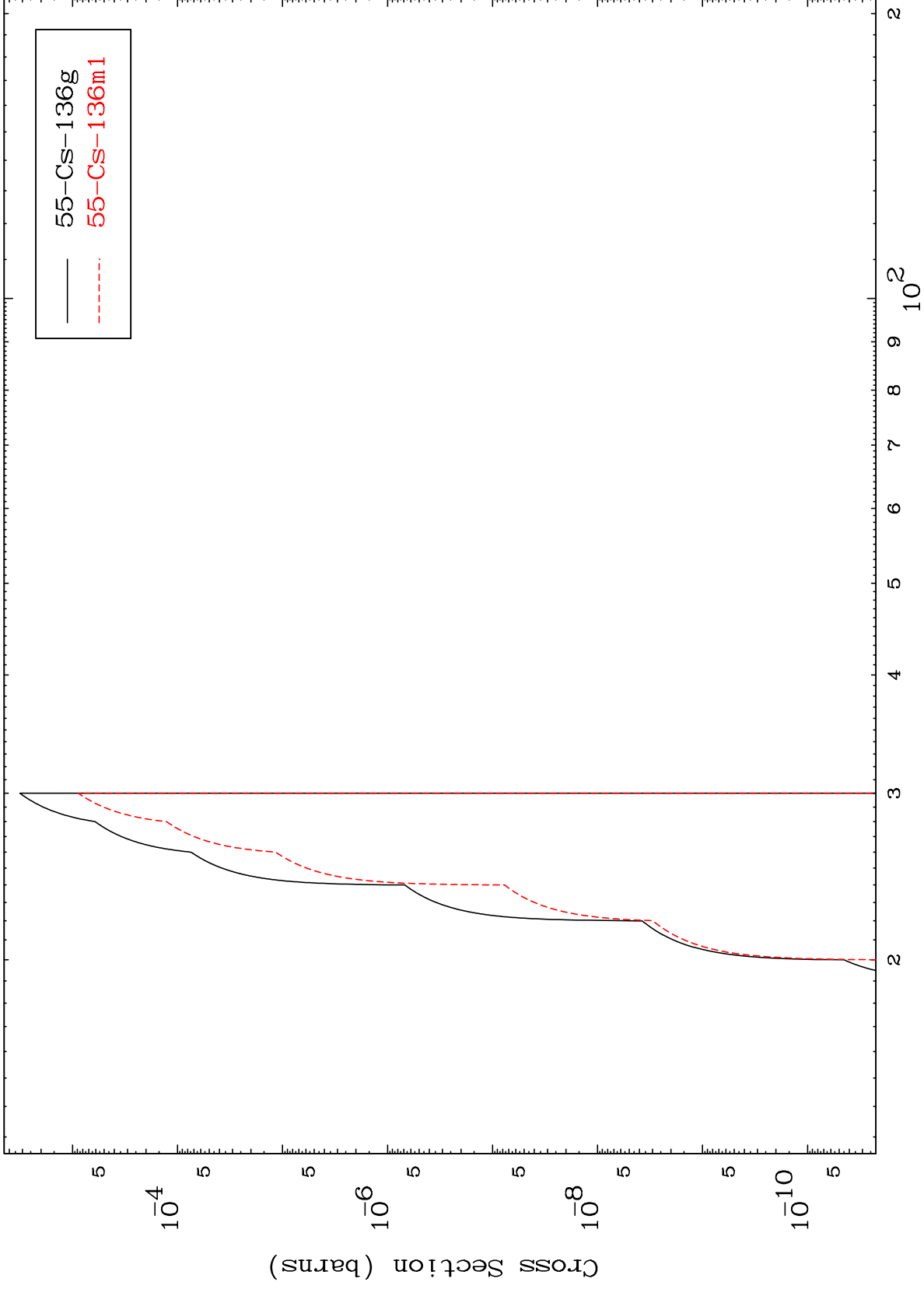
55-Cs-138

MAT 5541

$(\alpha, 2n)$ α

55-Cs-138

Radionuclide Production Cross Section

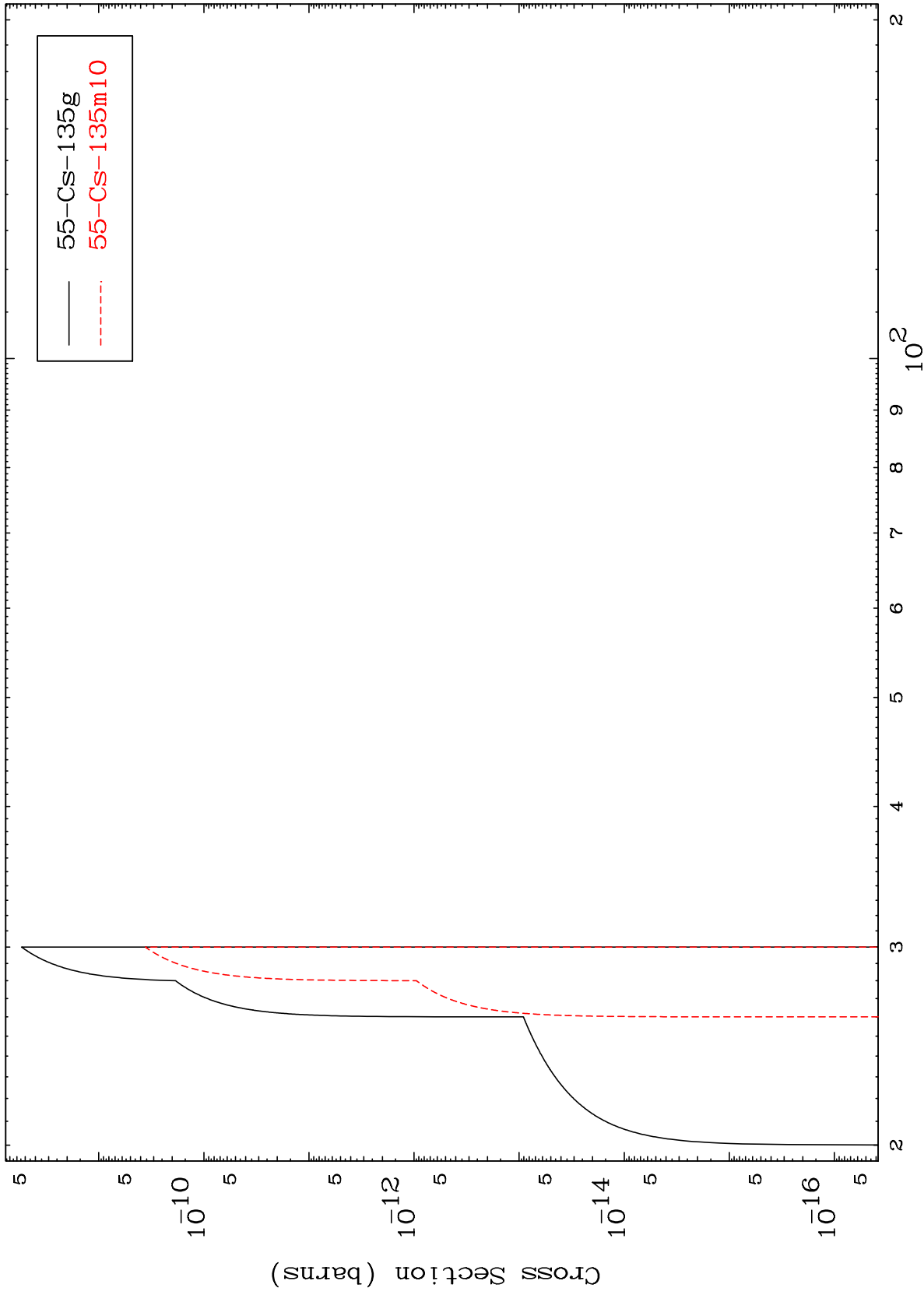


MAT 5541

($\alpha, 3n$) α

55-Cs-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

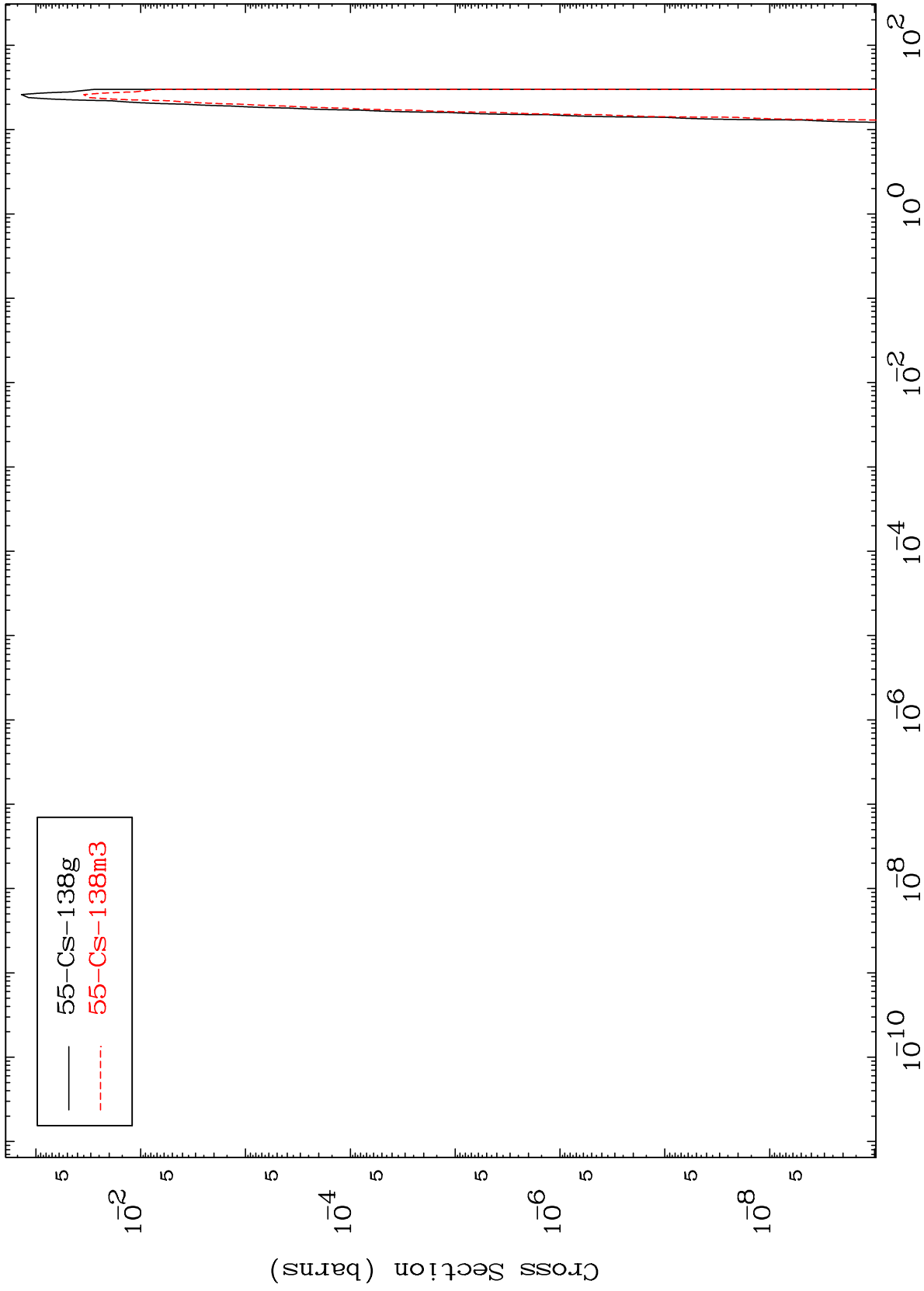
55-Cs-138

MAT 5541

(α, α)

55-Cs-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

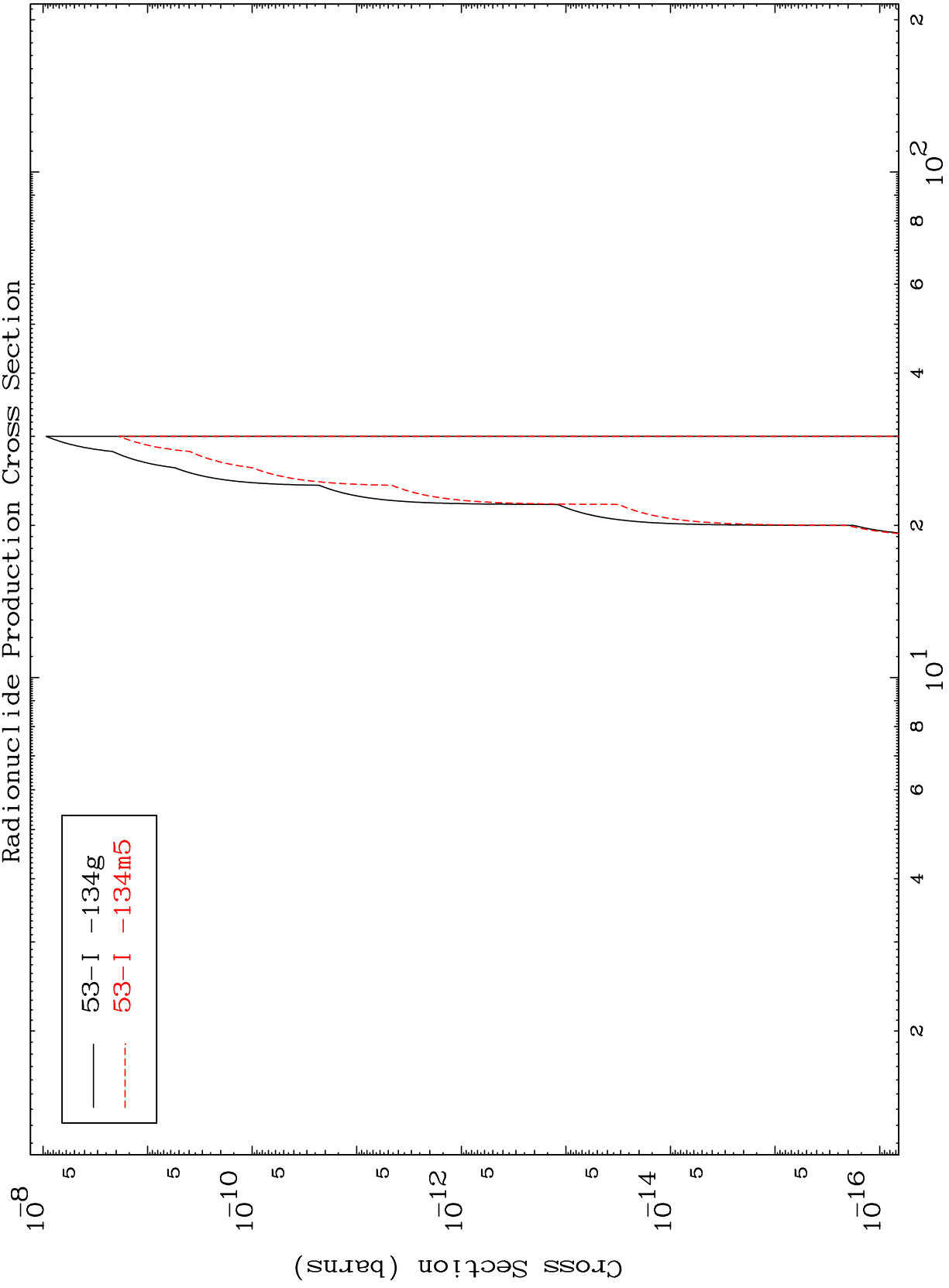
55-Cs-138

MAT 5541

($\alpha, 2\alpha$)

55-Cs-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

55-Cs-138