

Program EVALPLOT
(Version 2018-1)

by

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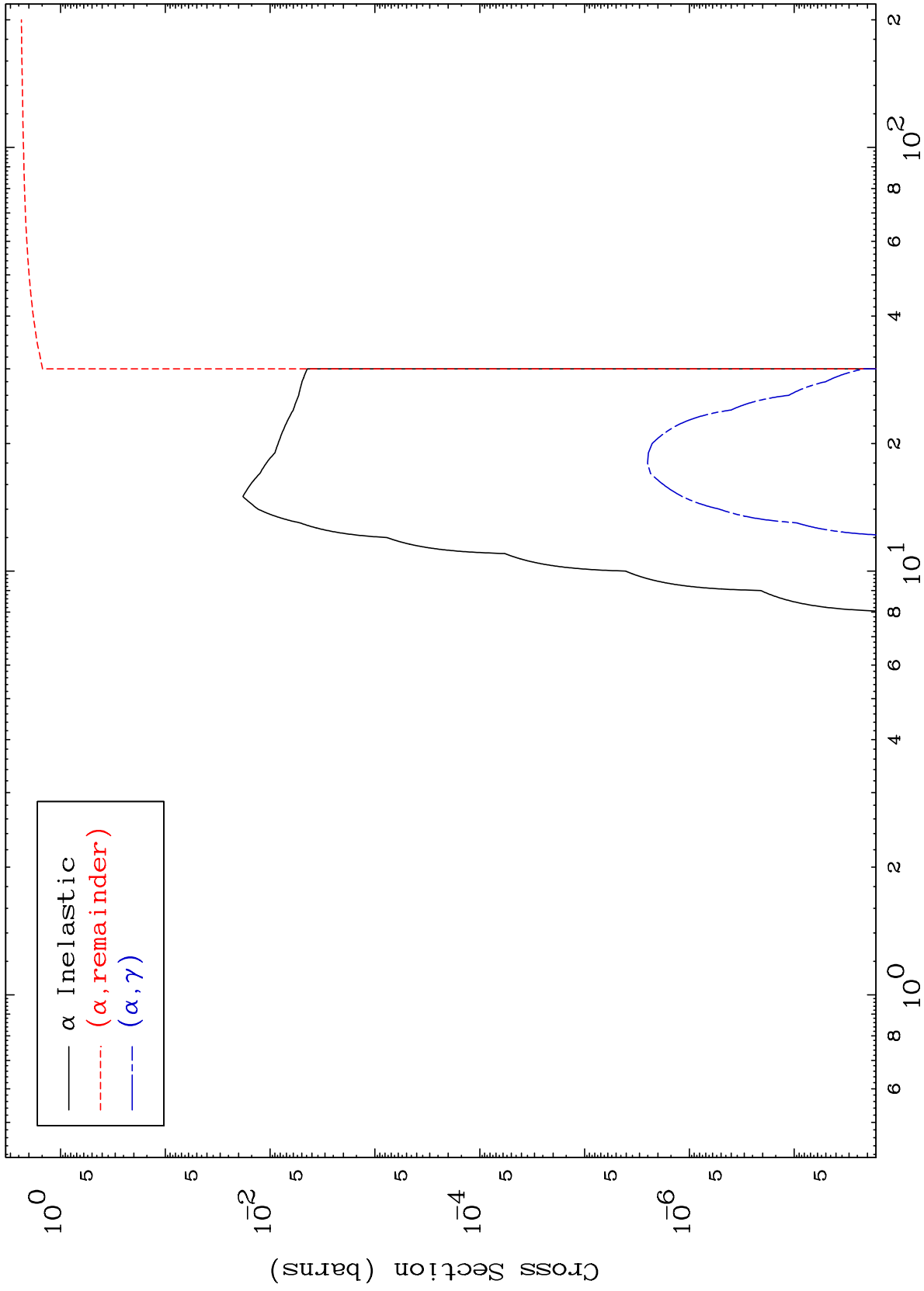
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5540

0 Kelvin α Major
Cross Sections

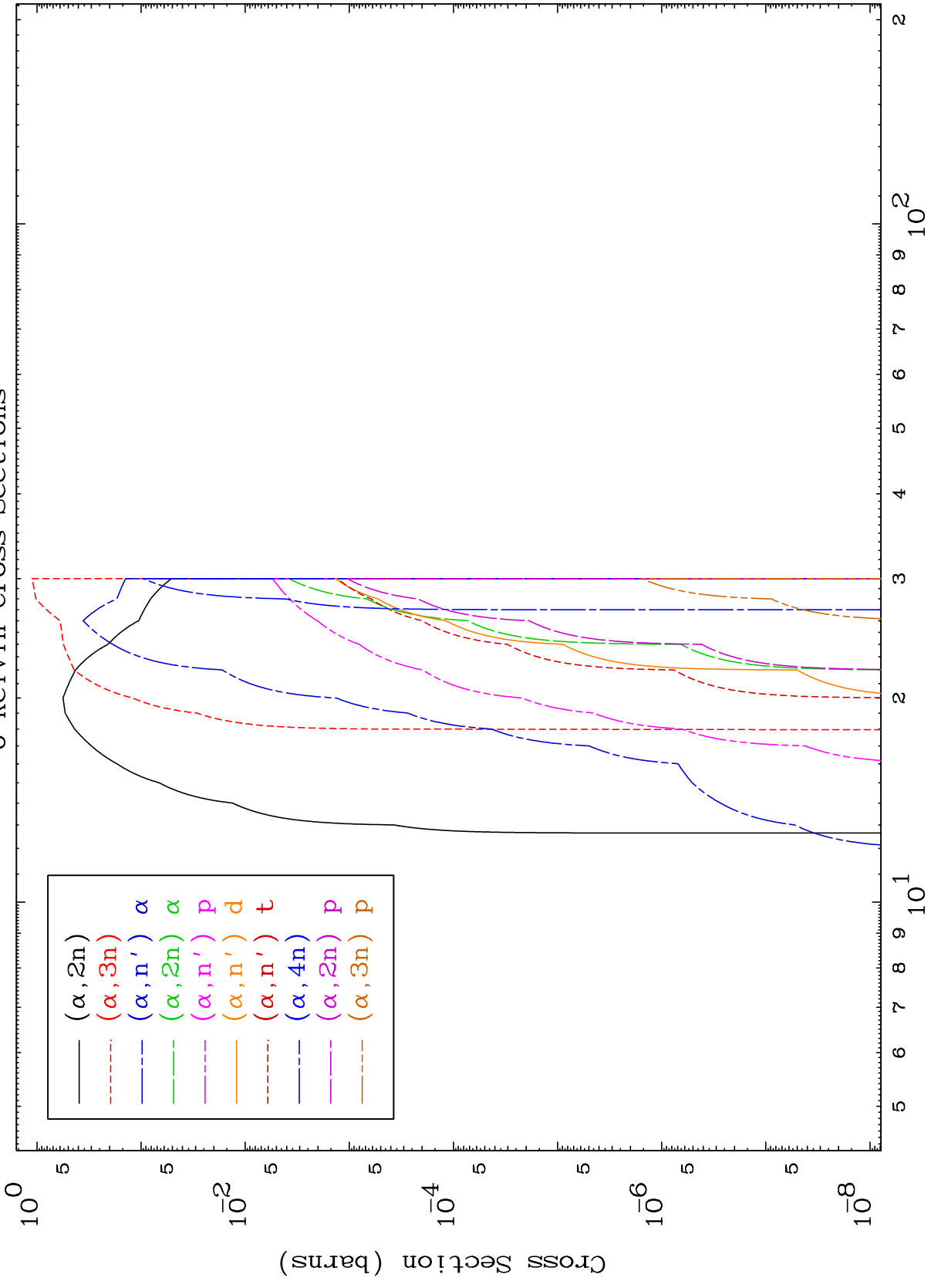
55-Cs-138



MAT 5540

α Neutron Production
0 Kelvin Cross Sections

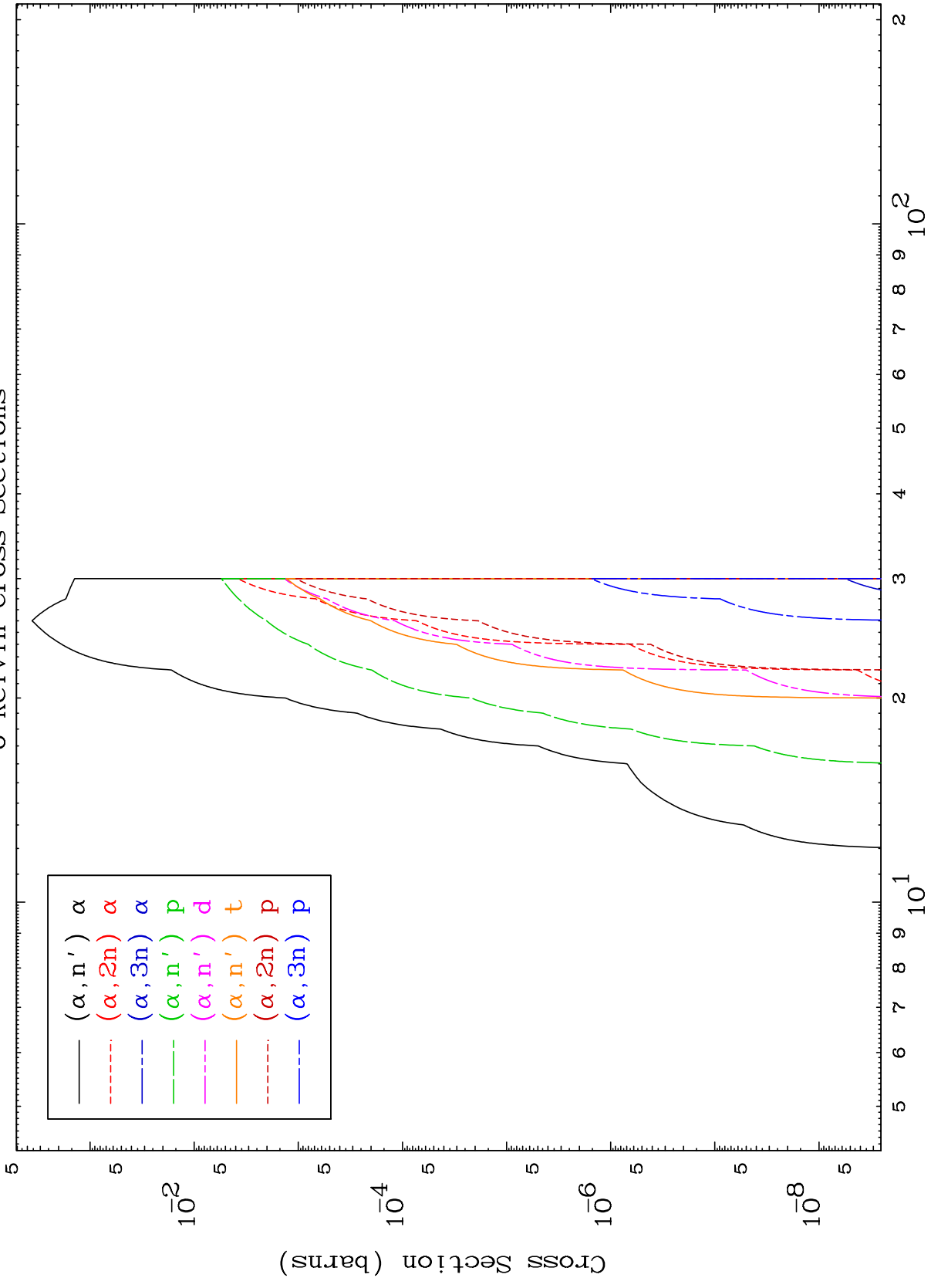
55-Cs-138



2

Incident Energy (MeV)

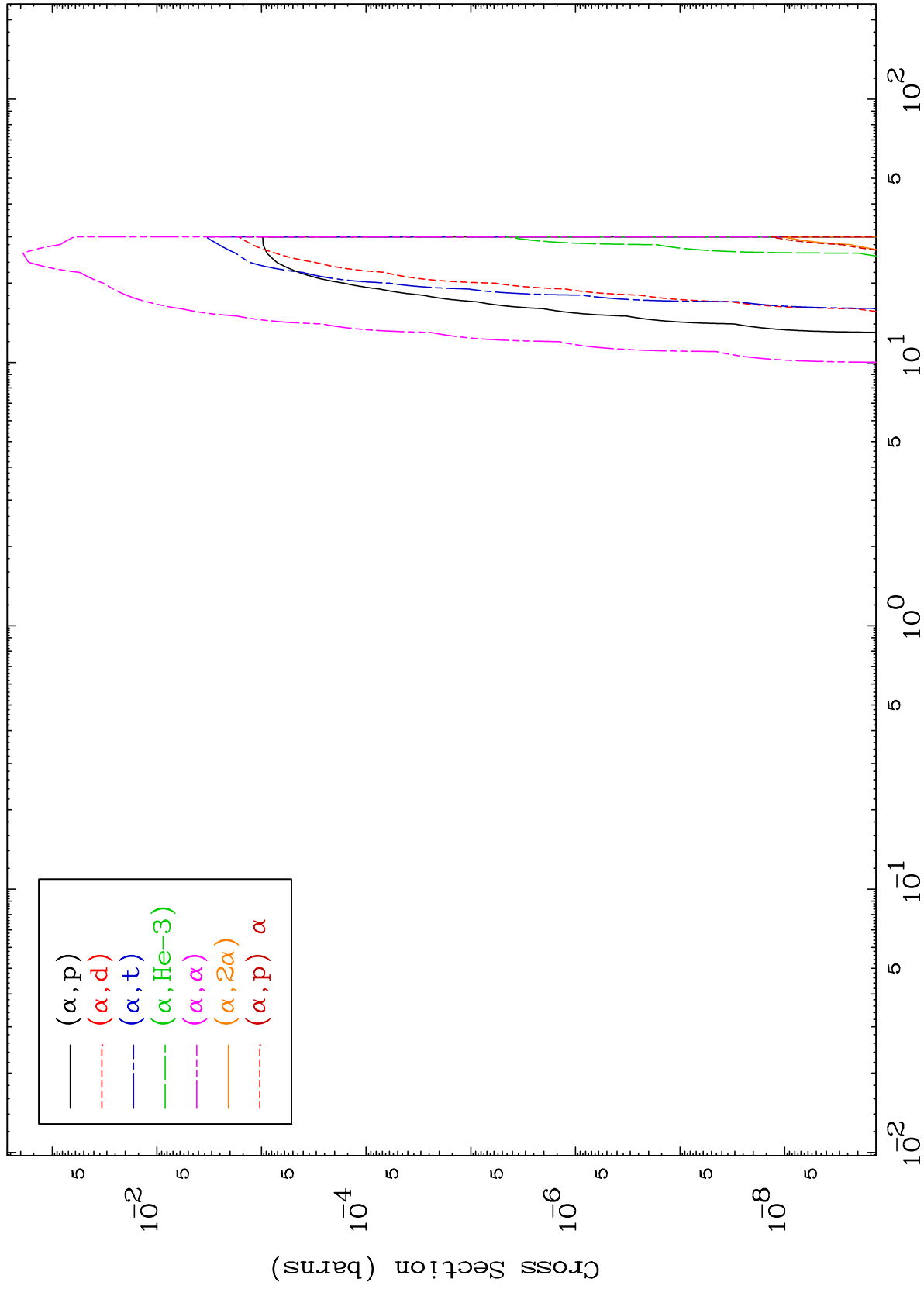
55-Cs-138



MAT 5540

α Charged Particle
0 Kelvin Cross Sections

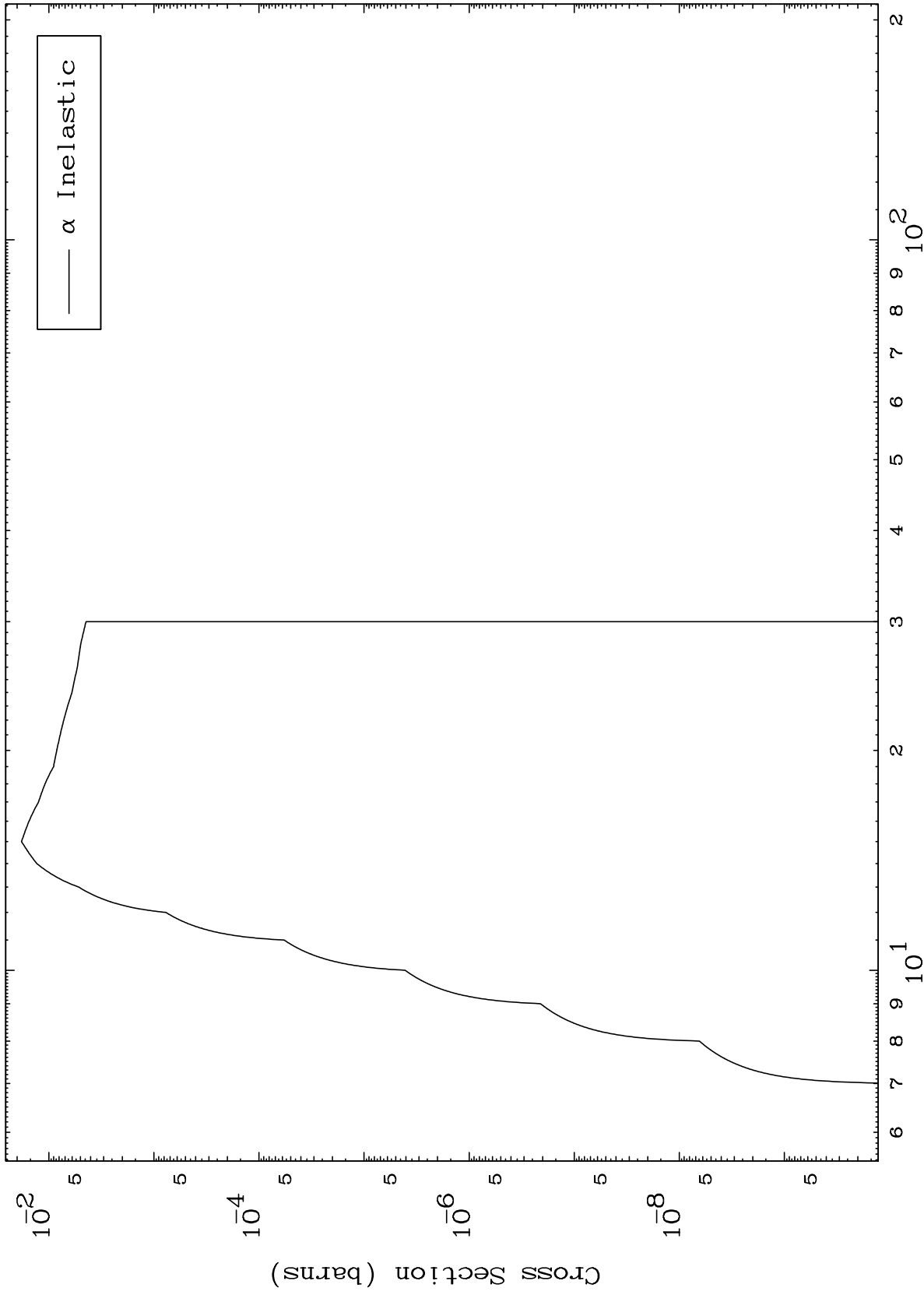
55-Cs-138



MAT 5540

(α, n') Level
0 Kelvin Cross Sections

55-Cs-138



α Inelastic

5

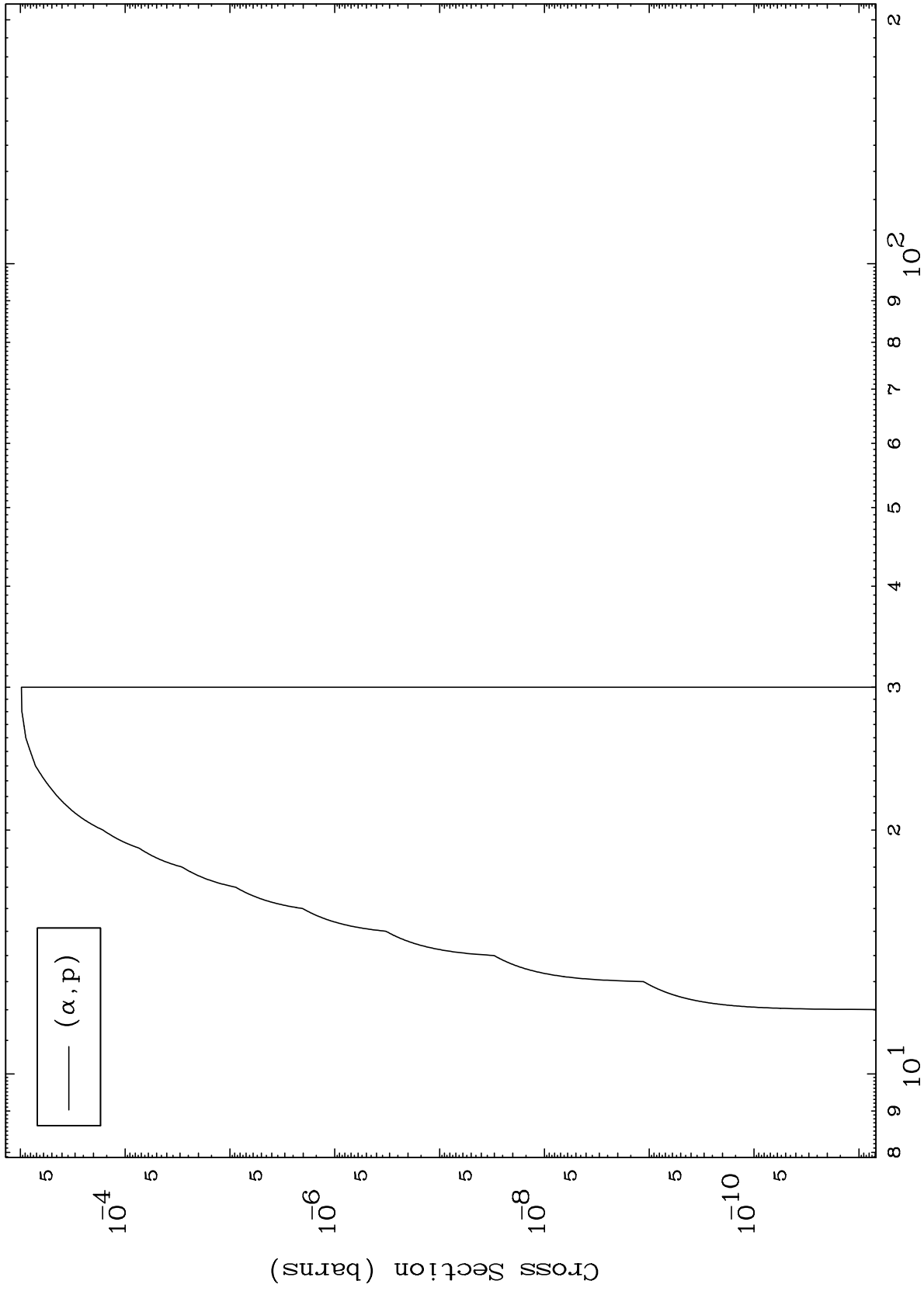
Incident Energy (MeV)

55-Cs-138

MAT 5540

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-138



6

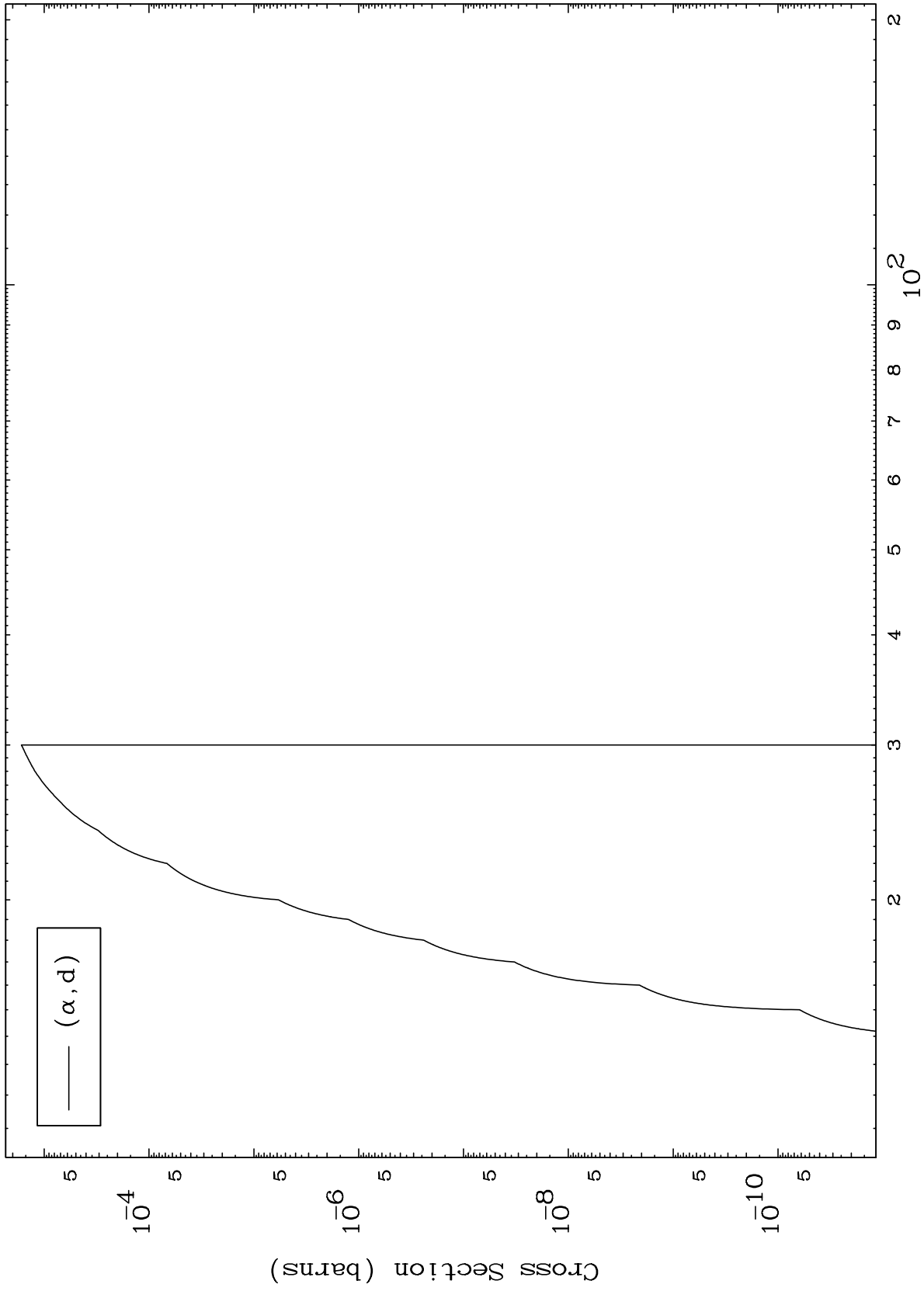
Incident Energy (MeV)

55-Cs-138

MAT 5540

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-138



7

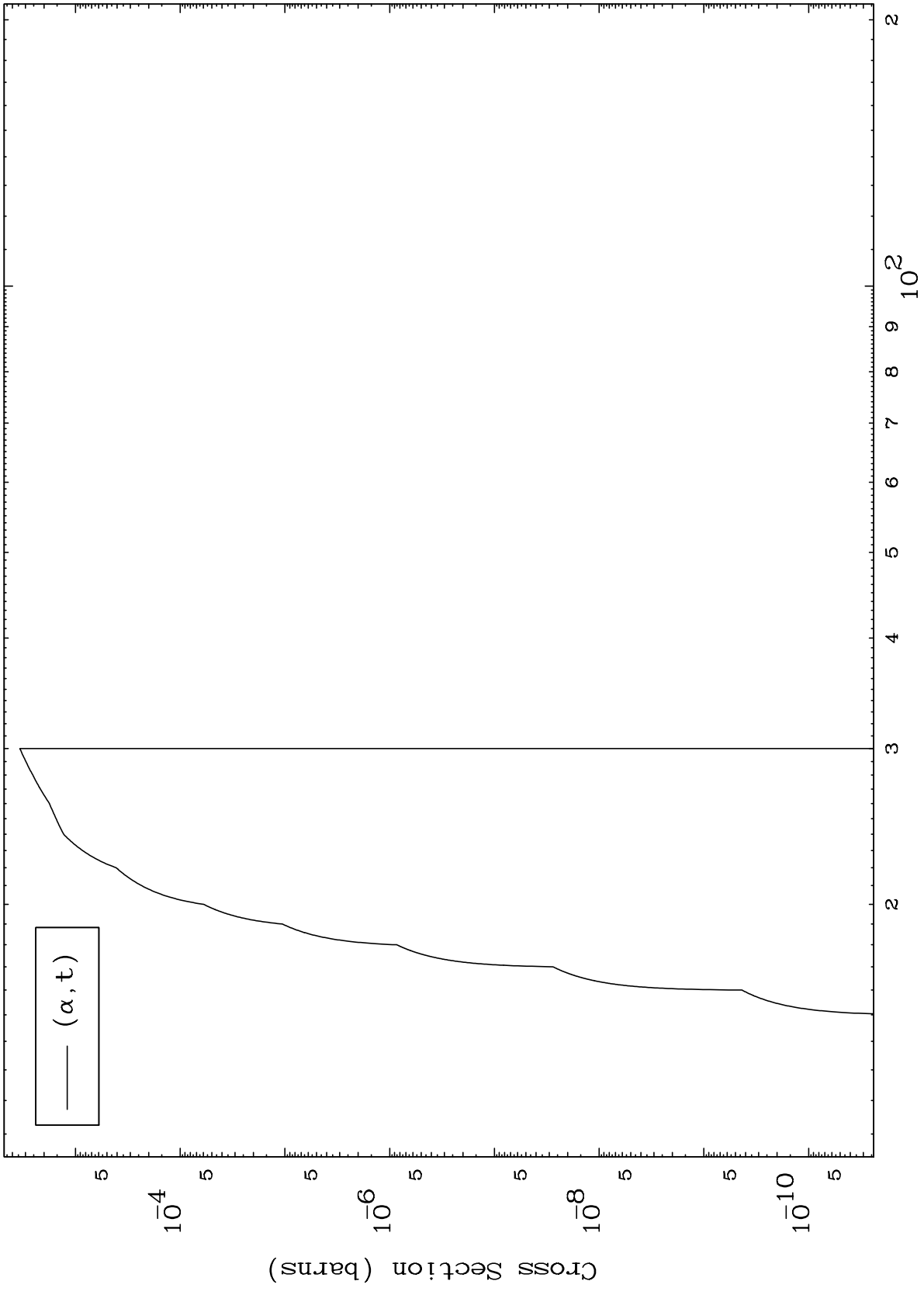
Incident Energy (MeV)

55-Cs-138

MAT 5540

(α, t) Levels
0 Kelvin Cross Sections

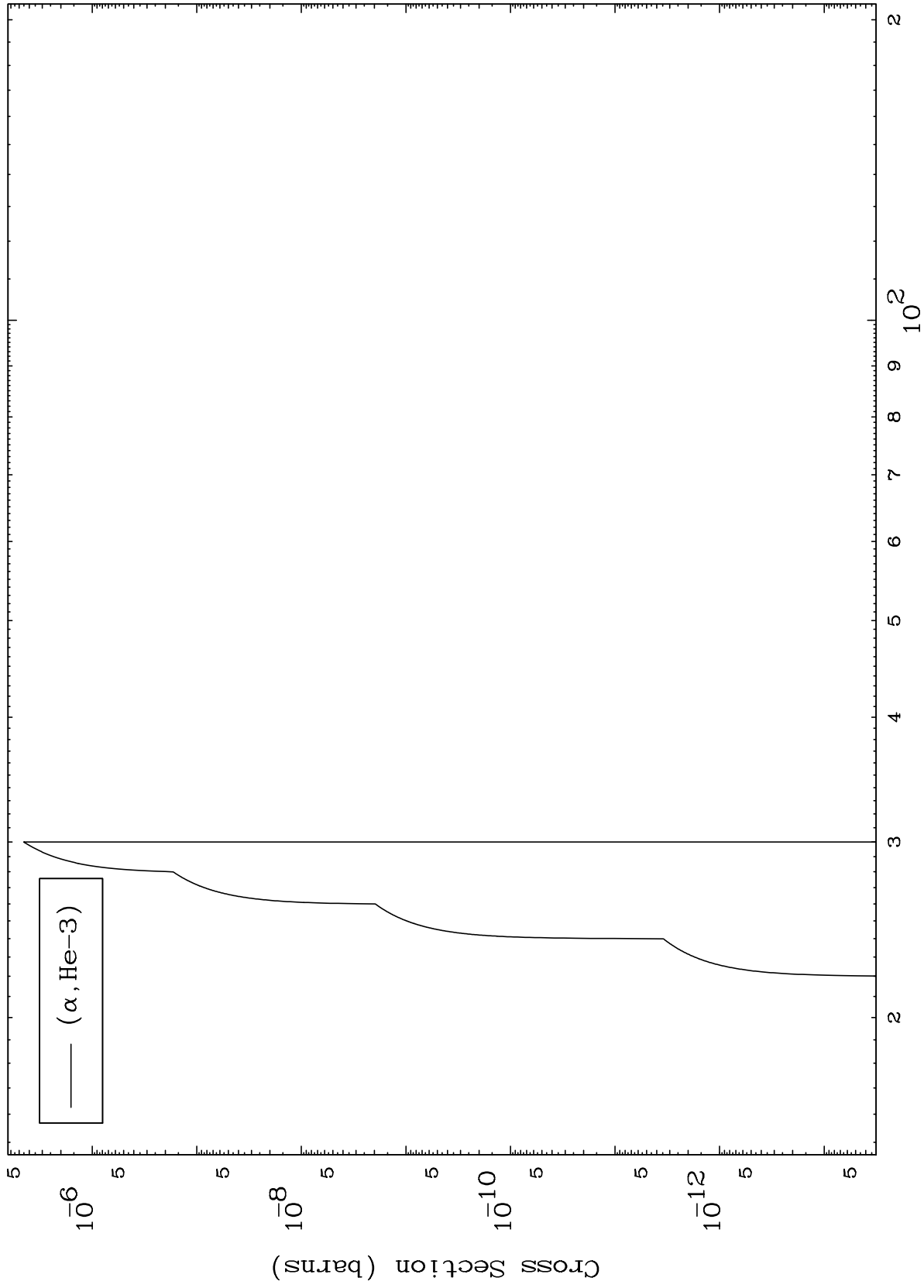
55-Cs-138



8

Incident Energy (MeV)

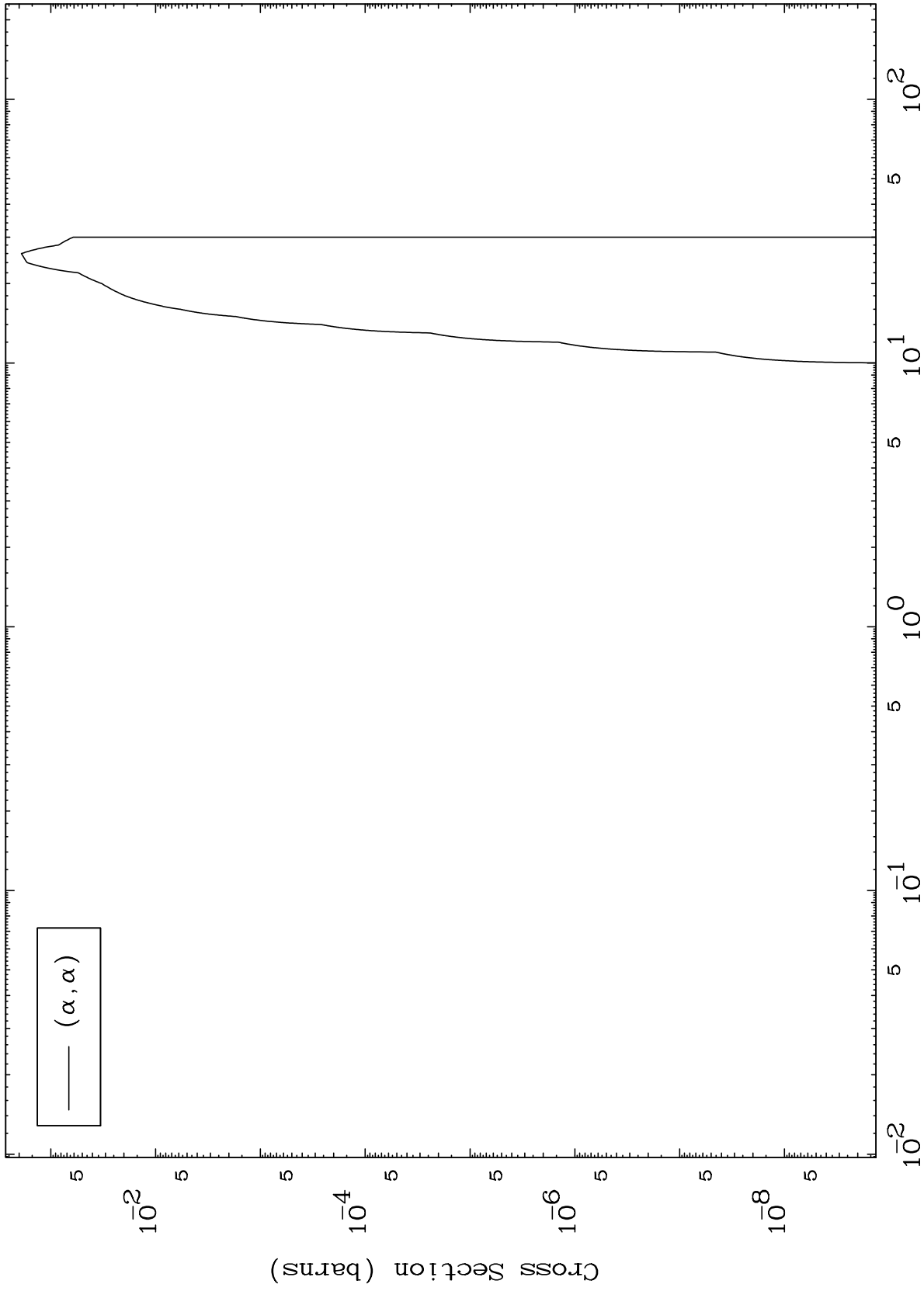
55-Cs-138



MAT 5540

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-138



Incident Energy (MeV)

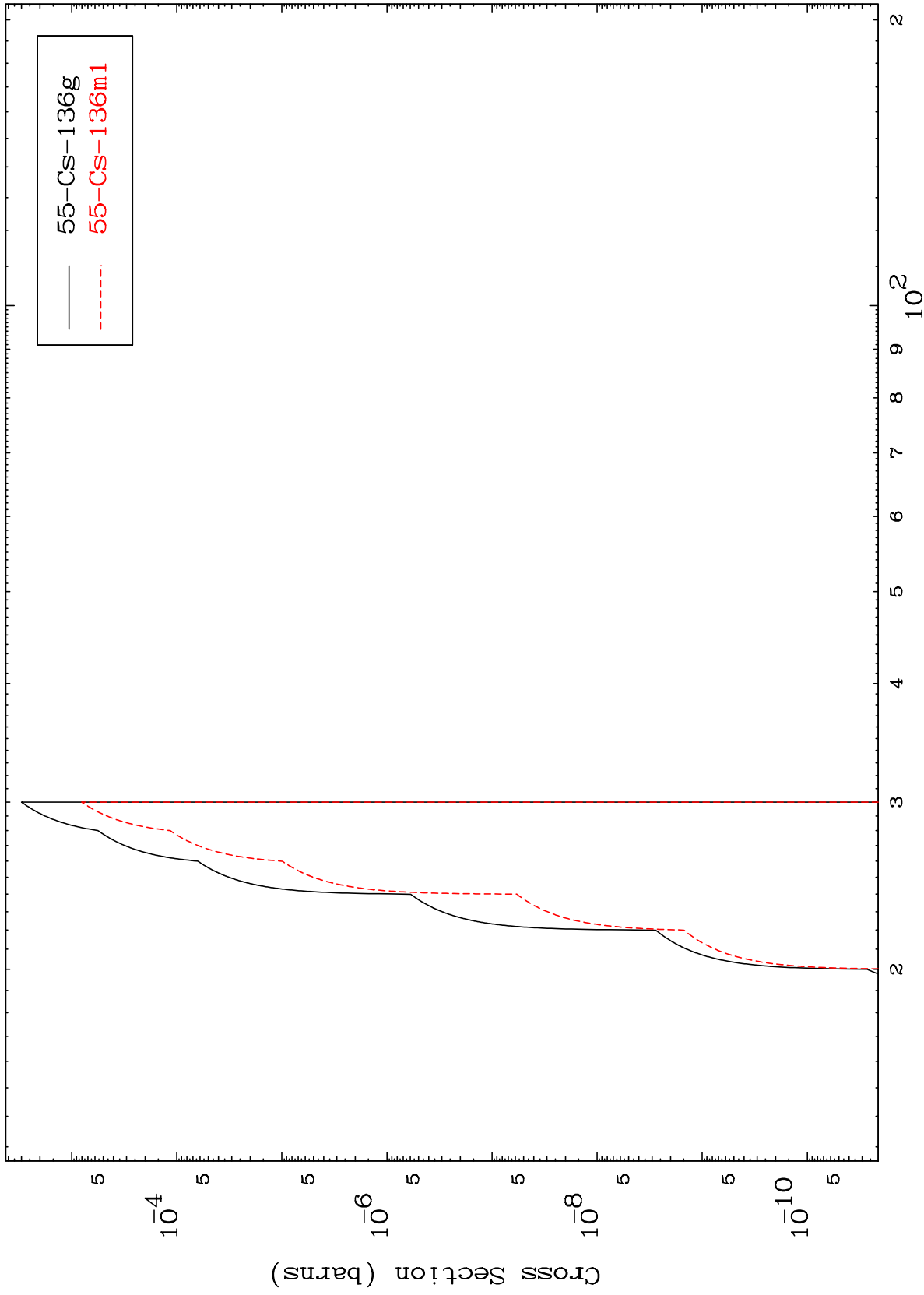
55-Cs-138

MAT 5540

$(\alpha, 2n)$ α

55-Cs-138

Radionuclide Production Cross Section



11

Incident Energy (MeV)

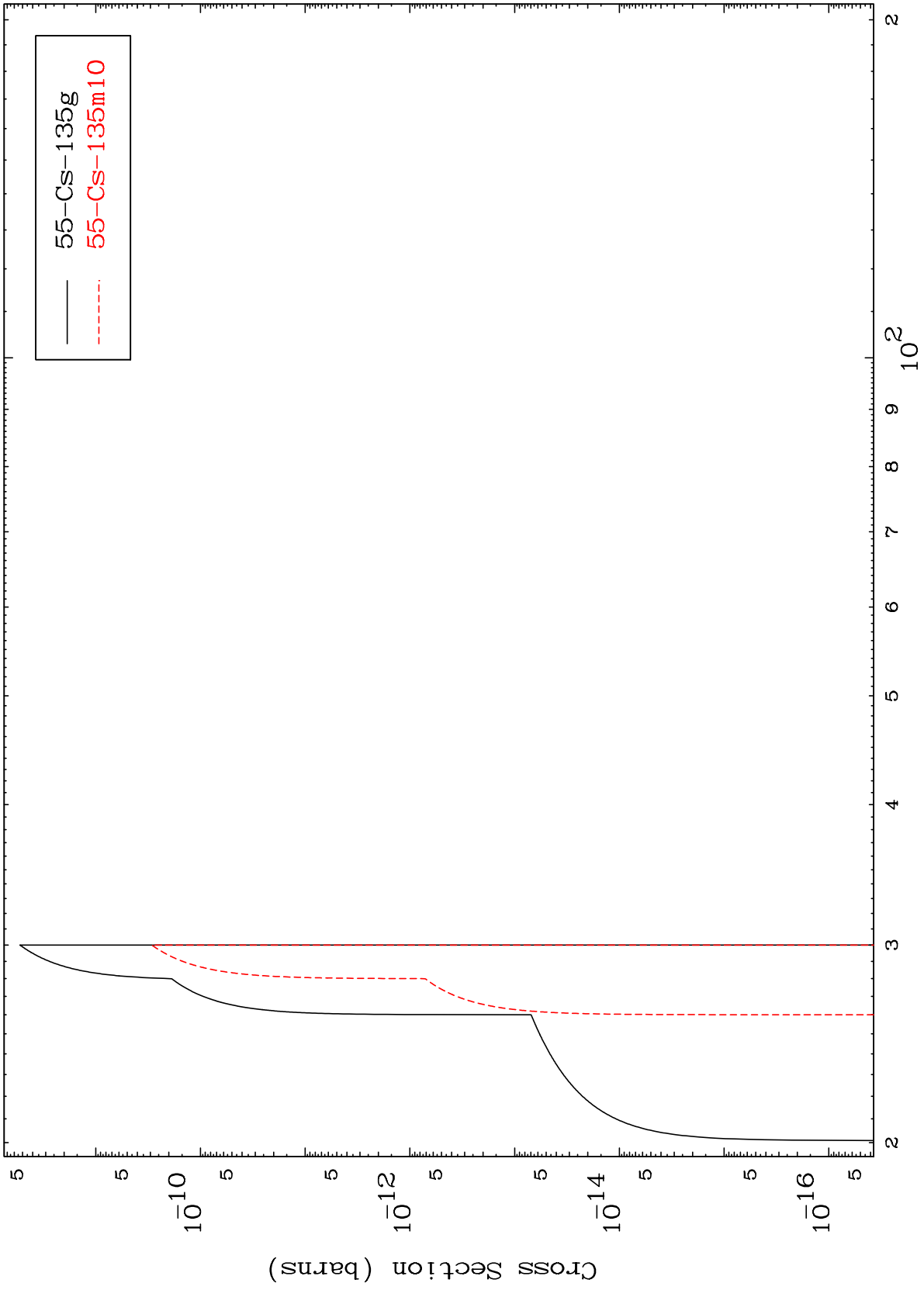
55-Cs-138

MAT 5540

$(\alpha, 3n) \alpha$

55-Cs-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

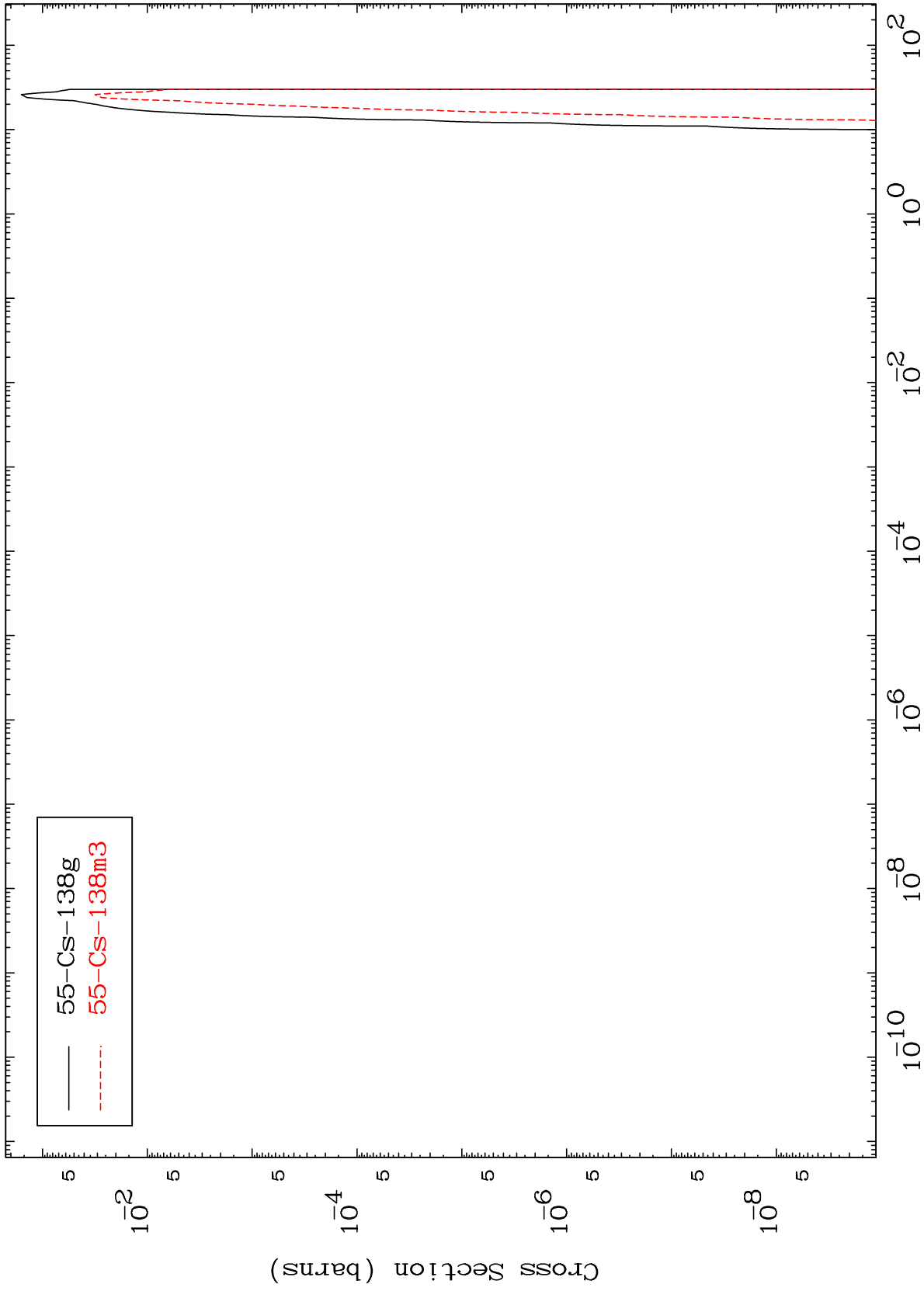
55-Cs-138

MAT 5540

(α, α)

55-Cs-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

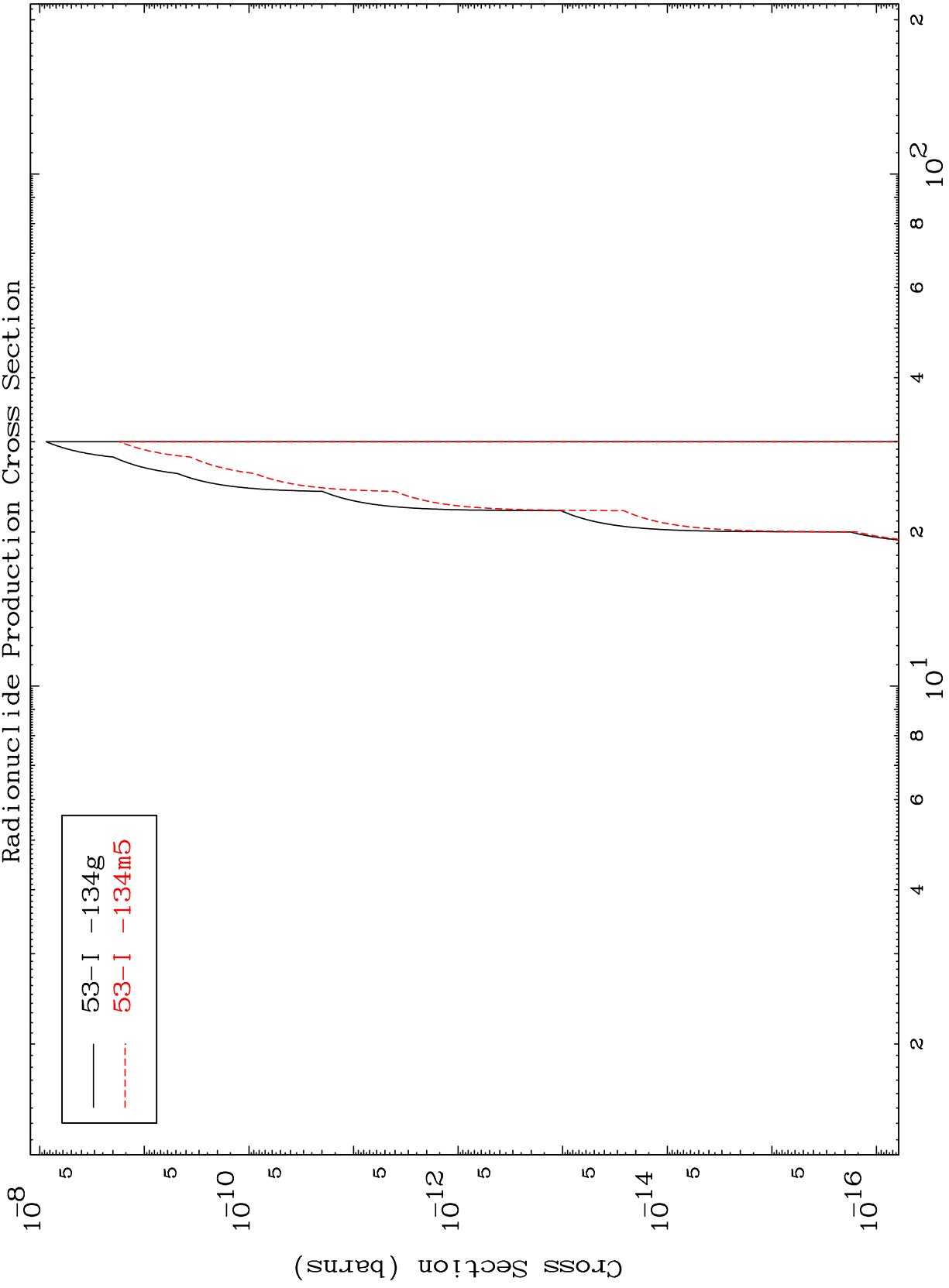
55-Cs-138

MAT 5540

($\alpha, 2\alpha$)

55-Cs-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

55-Cs-138