

Program EVALPLOT
(Version 2018-1)

by

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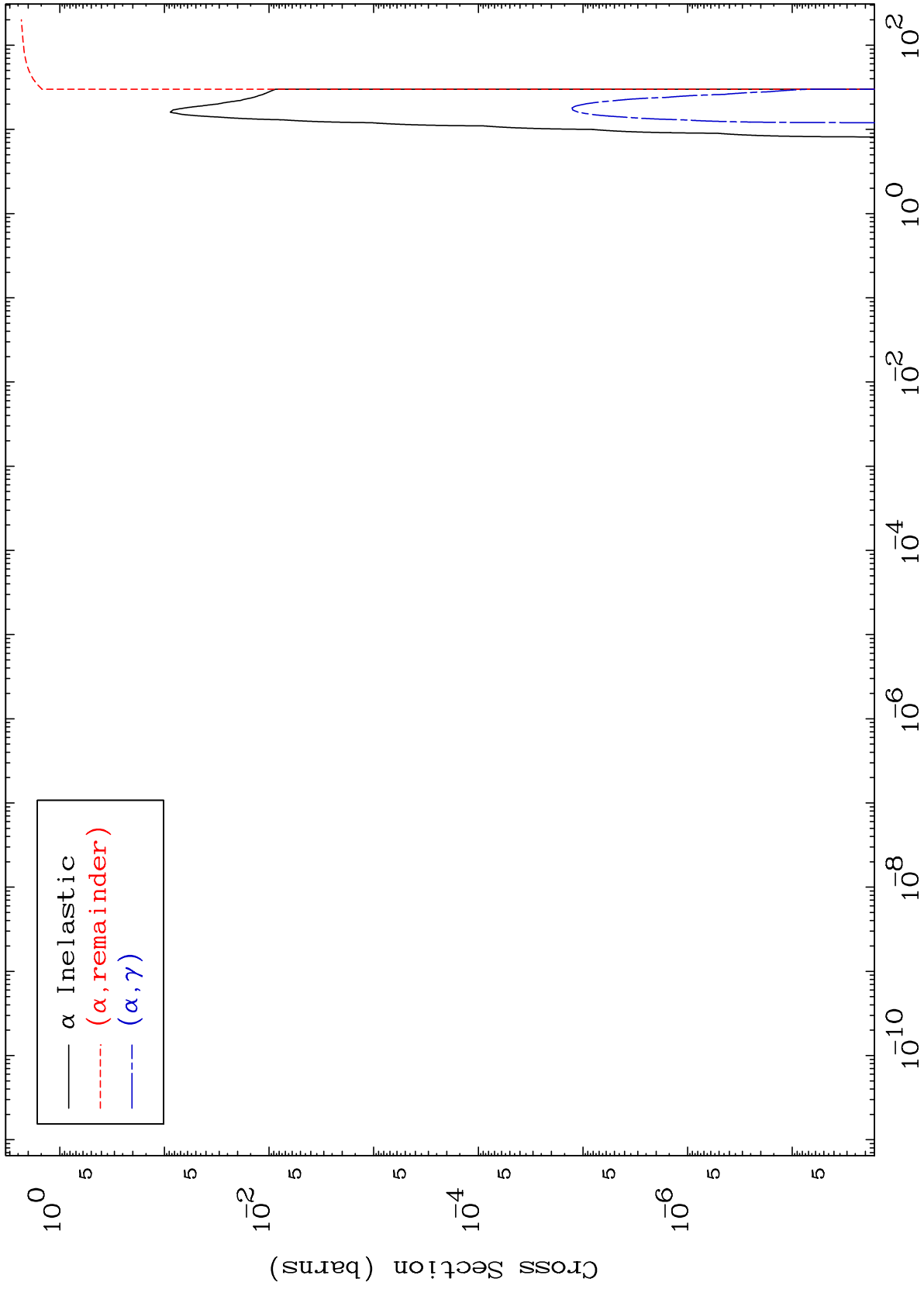
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5455

0 Kelvin α Major

54-Xe-134



1

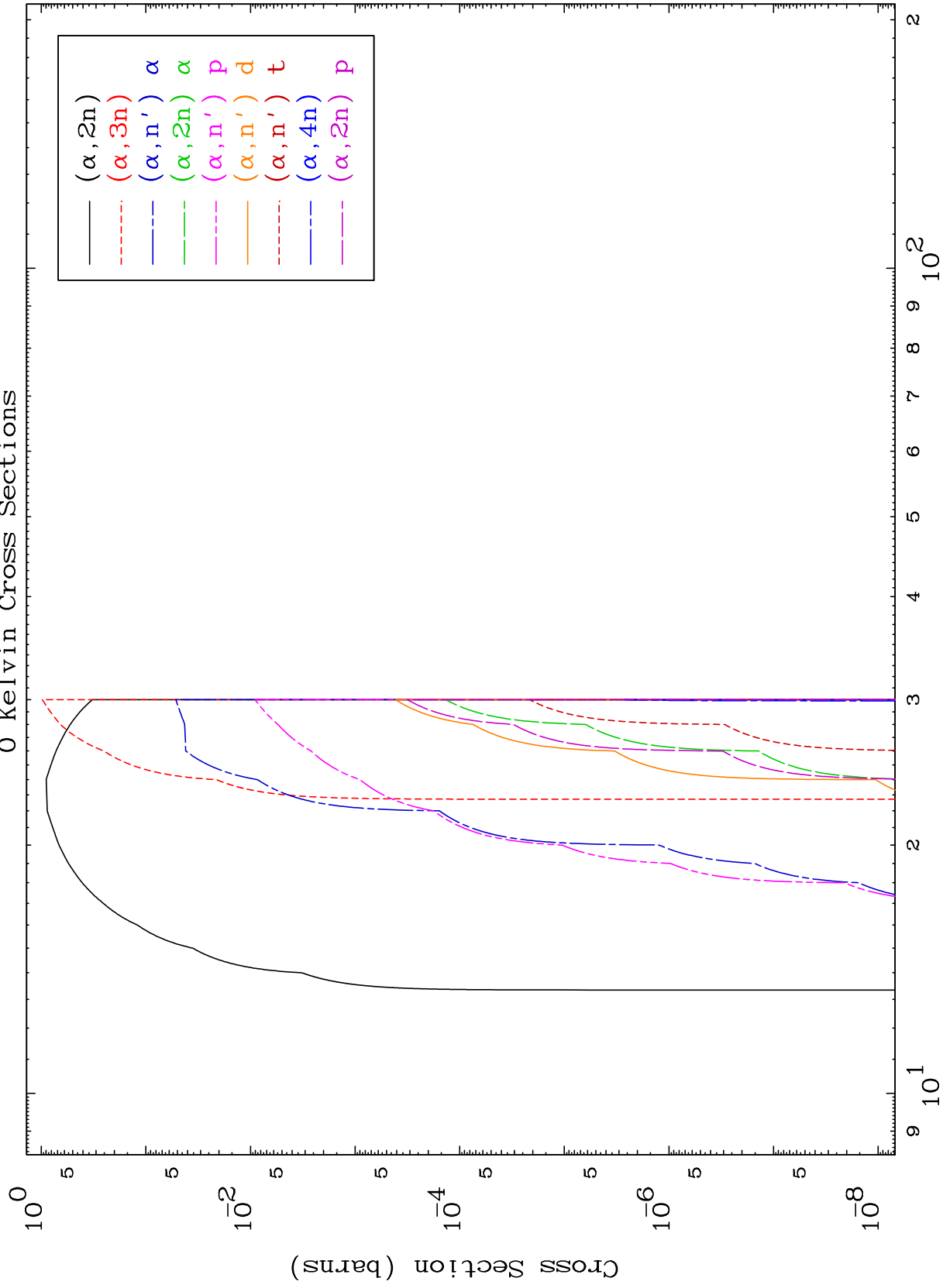
Incident Energy (MeV)

54-Xe-134

MAT 5455

α Neutron Production
0 Kelvin Cross Sections

54-Xe-134



54-Xe-134

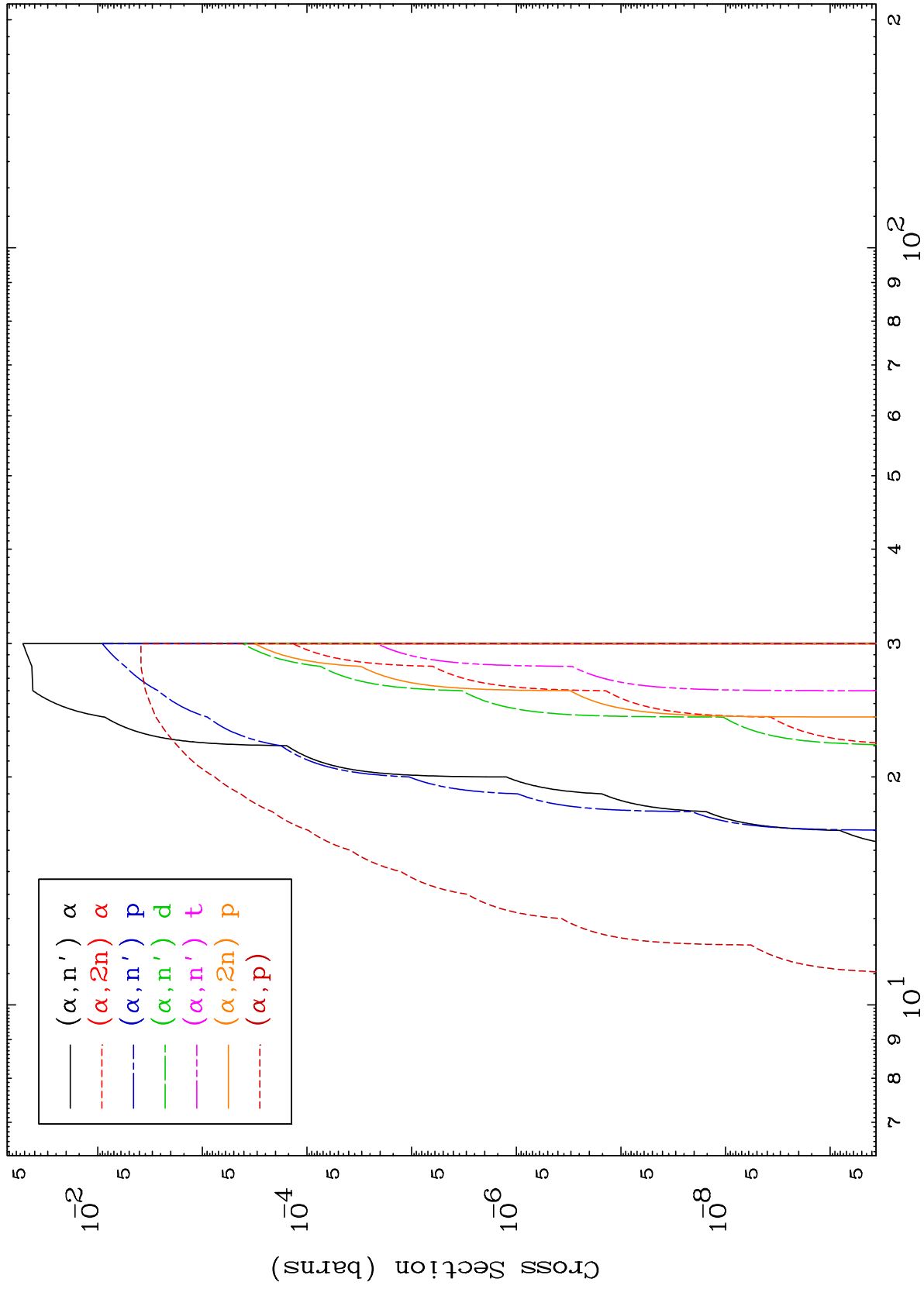
Incident Energy (MeV)

2

MAT 5455

α Charged Particle
0 Kelvin Cross Sections

54-Xe-134



3

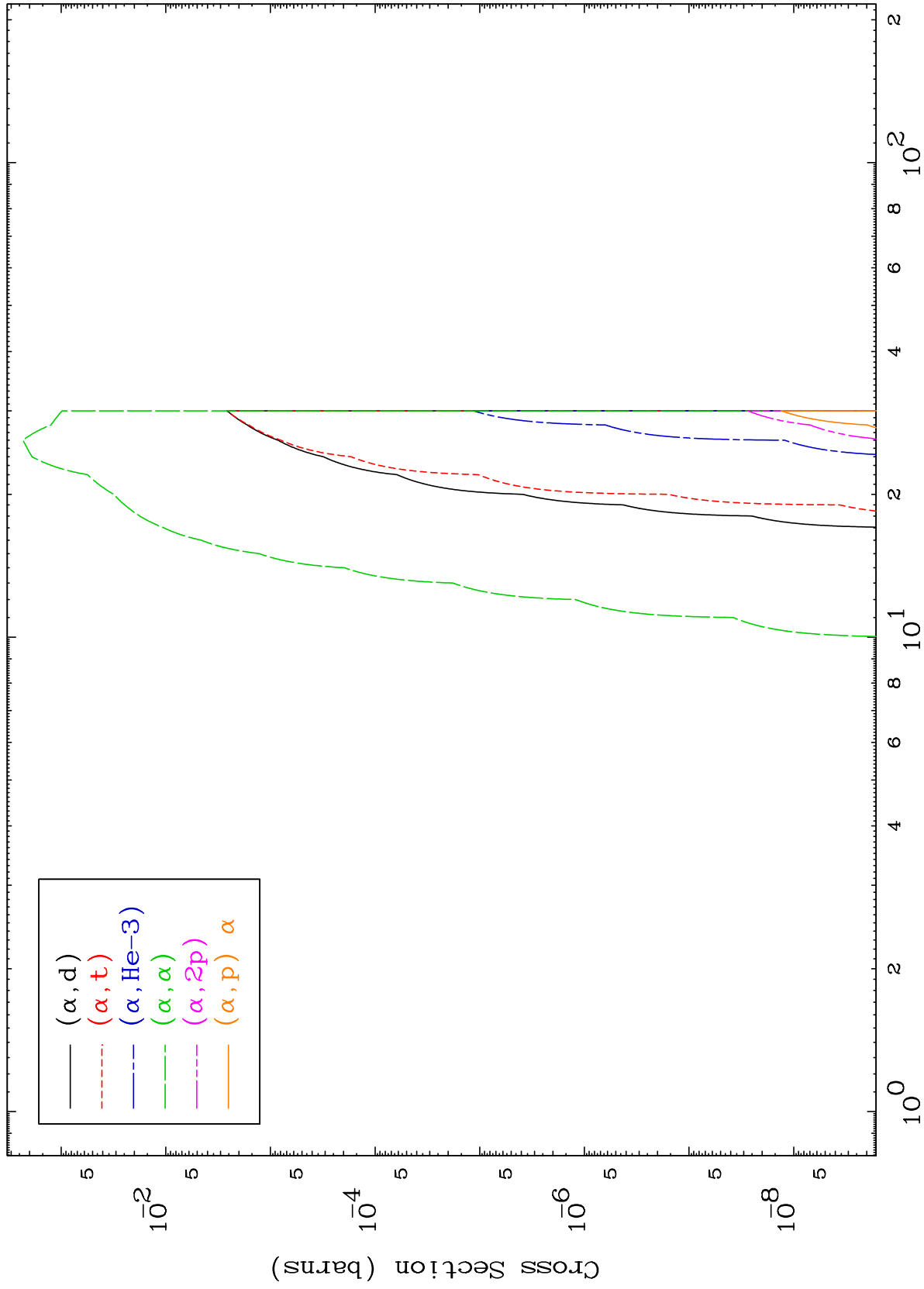
Incident Energy (MeV)

54-Xe-134

MAT 5455

α Charged Particle
0 Kelvin Cross Sections

54-Xe-134



4

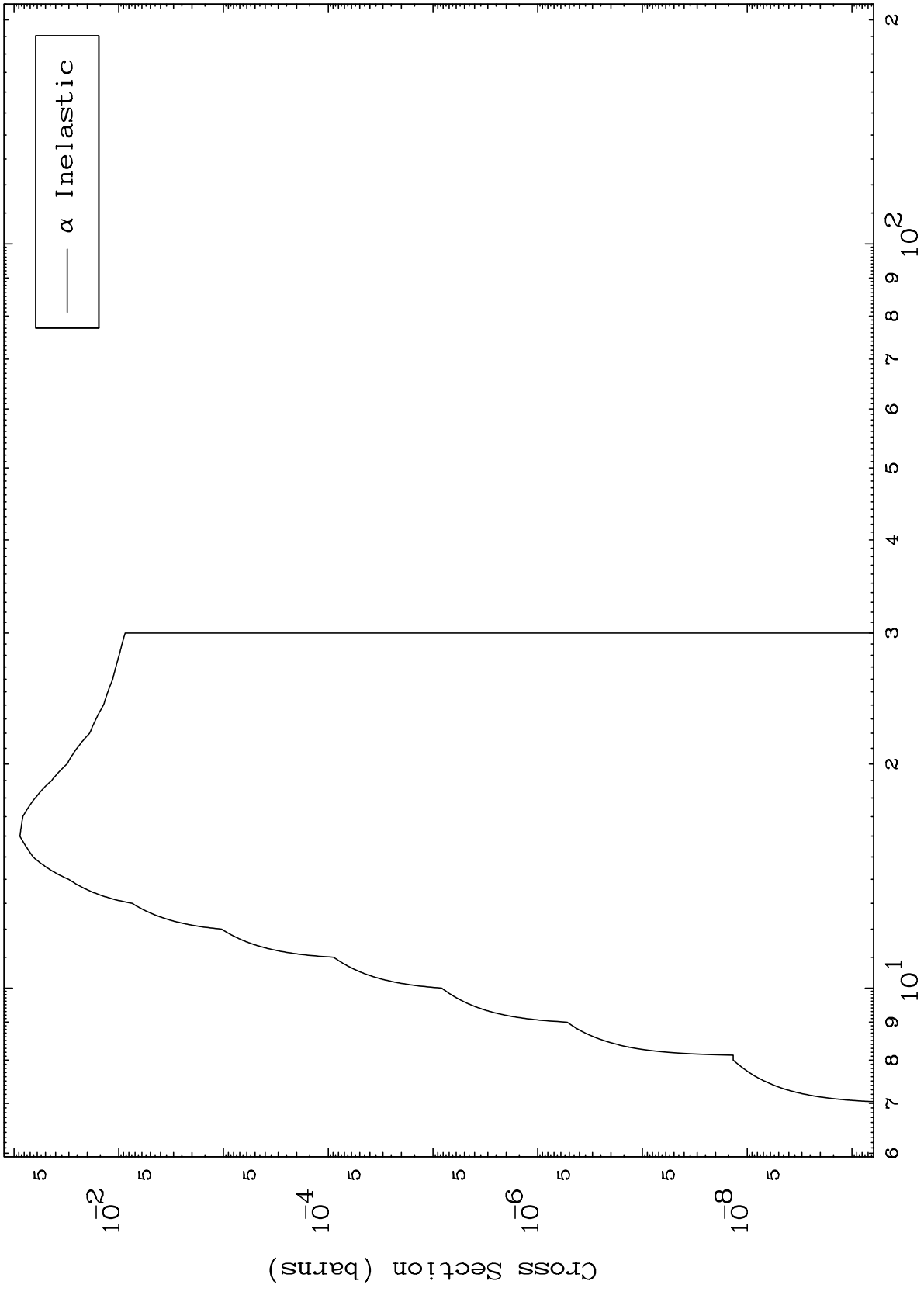
Incident Energy (MeV)

54-Xe-134

MAT 5455

(α, n') Level
0 Kelvin Cross Sections

54-Xe-134



5

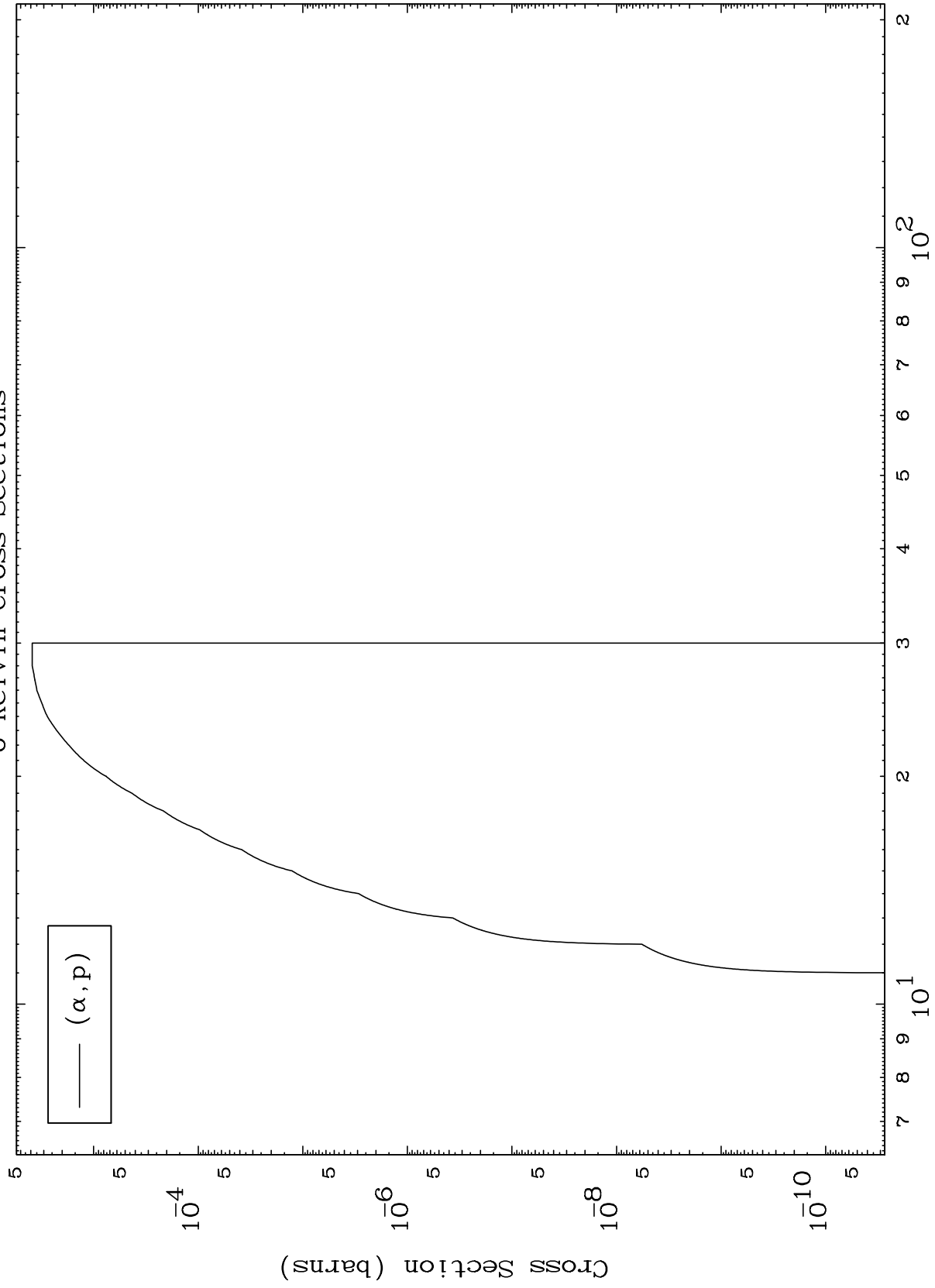
Incident Energy (MeV)

54-Xe-134

MAT 5455

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-134



6

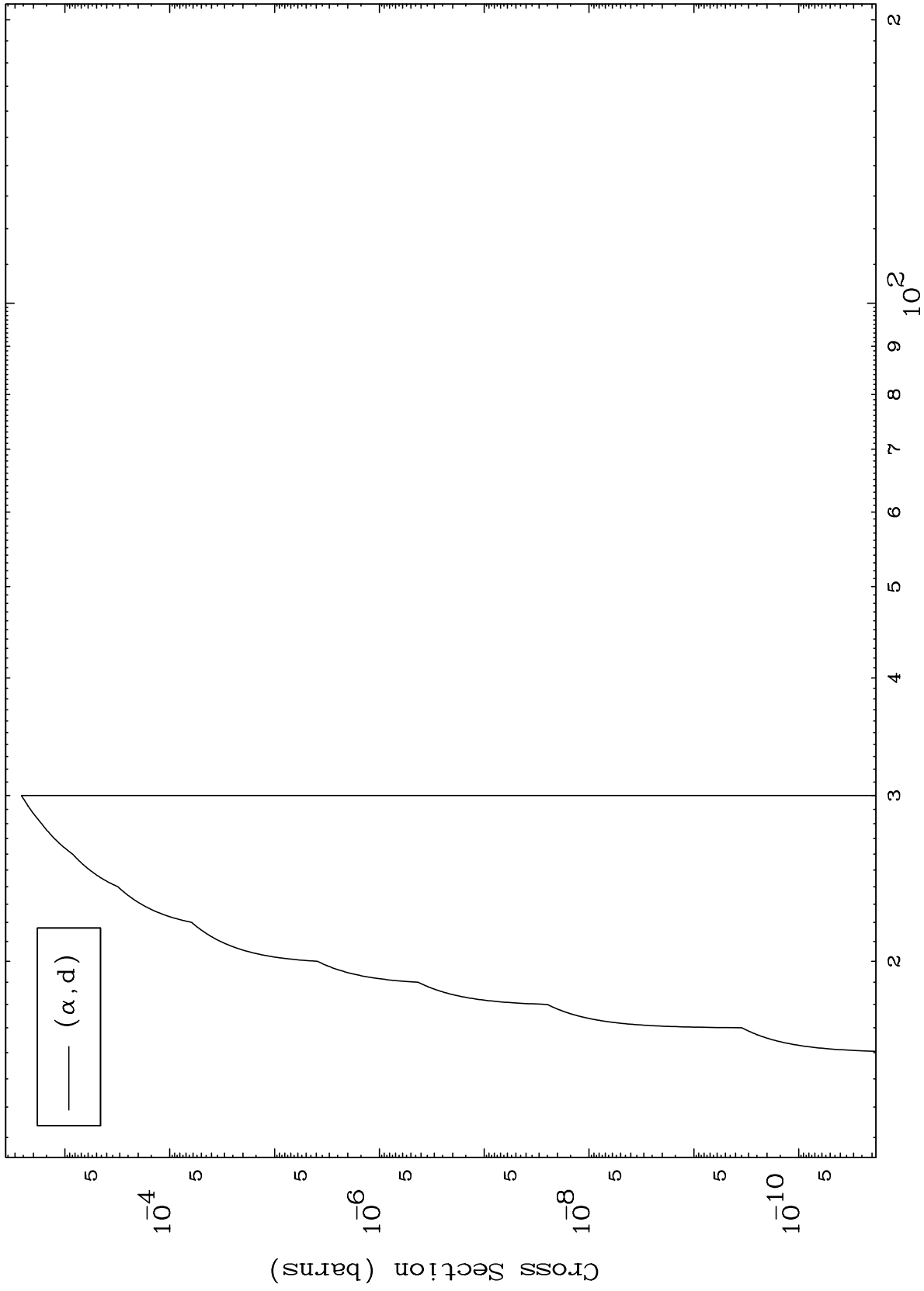
Incident Energy (MeV)

54-Xe-134

MAT 5455

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-134



7

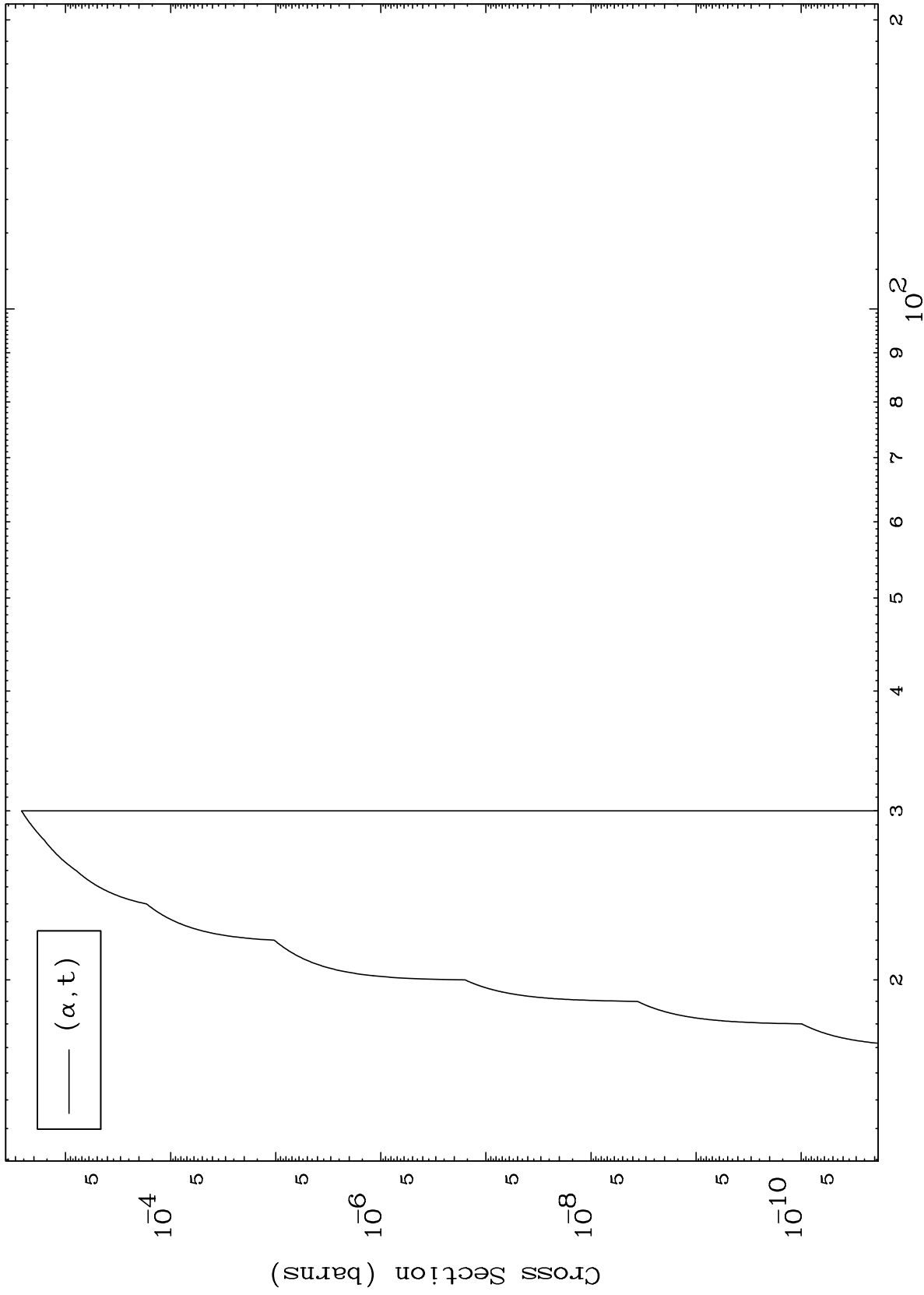
Incident Energy (MeV)

54-Xe-134

MAT 5455

(α, t) Levels
0 Kelvin Cross Sections

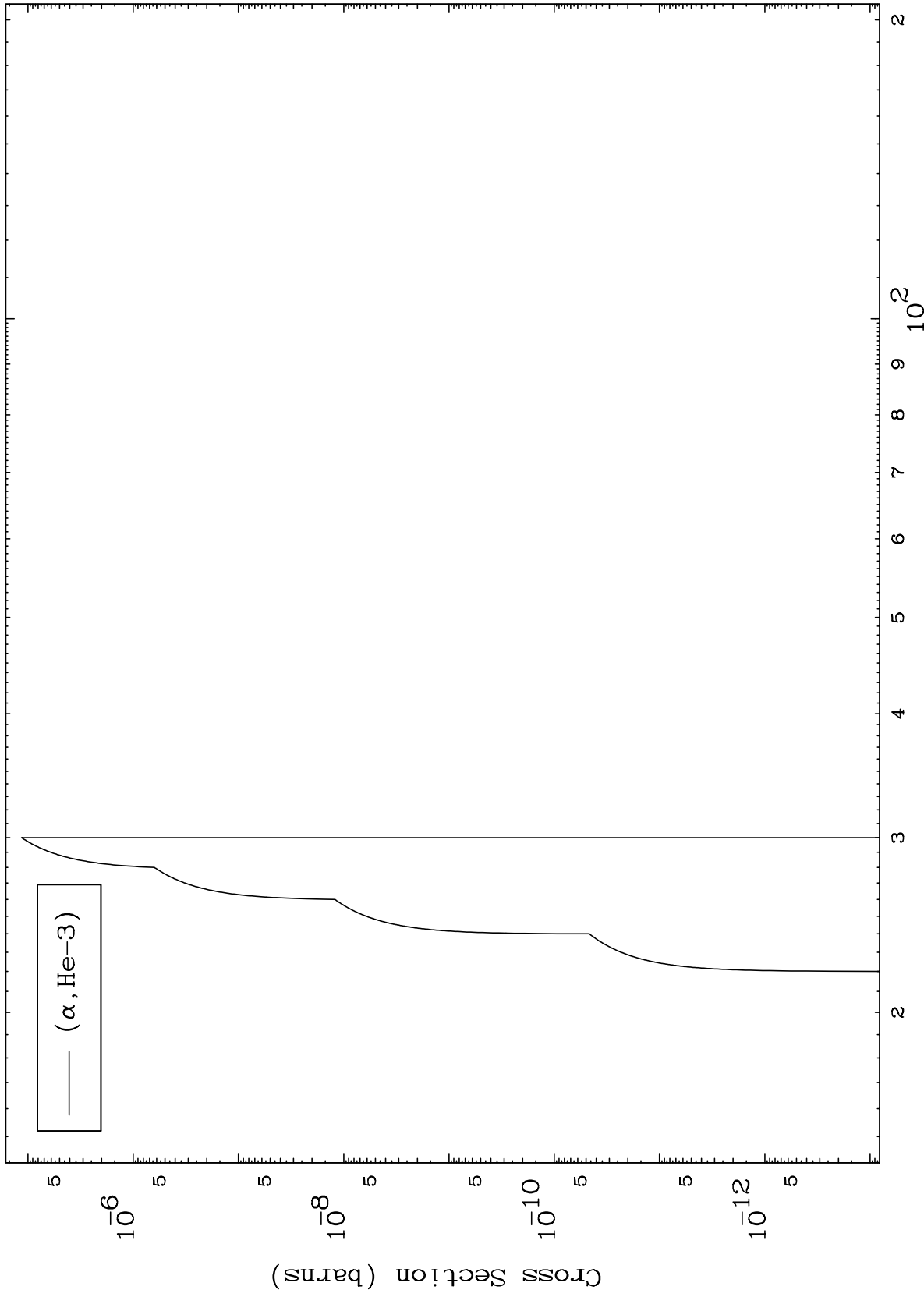
54-Xe-134



8

Incident Energy (MeV)

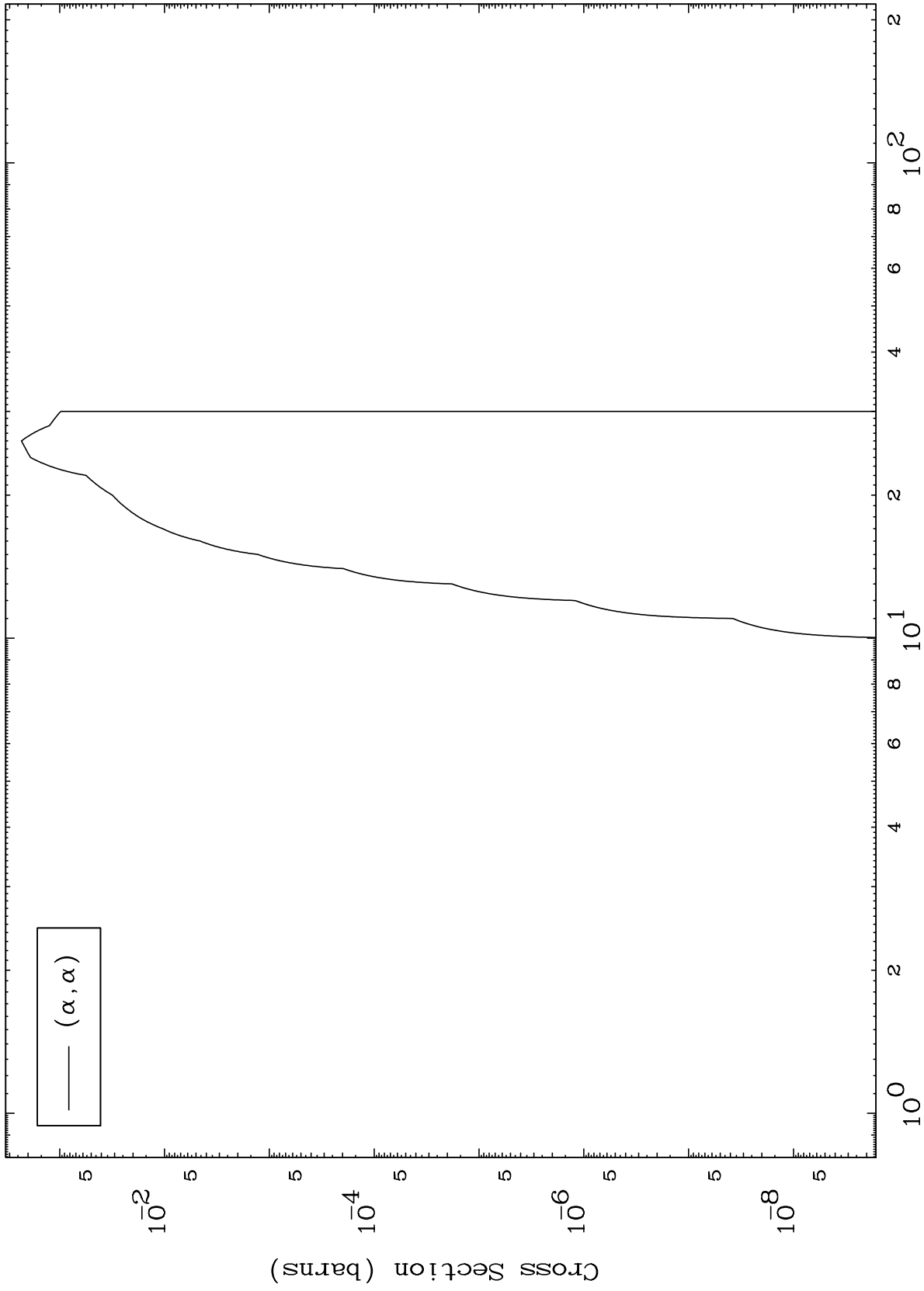
54-Xe-134



MAT 5455

(α, α) Levels
0 Kelvin Cross Sections

54-Xe-134



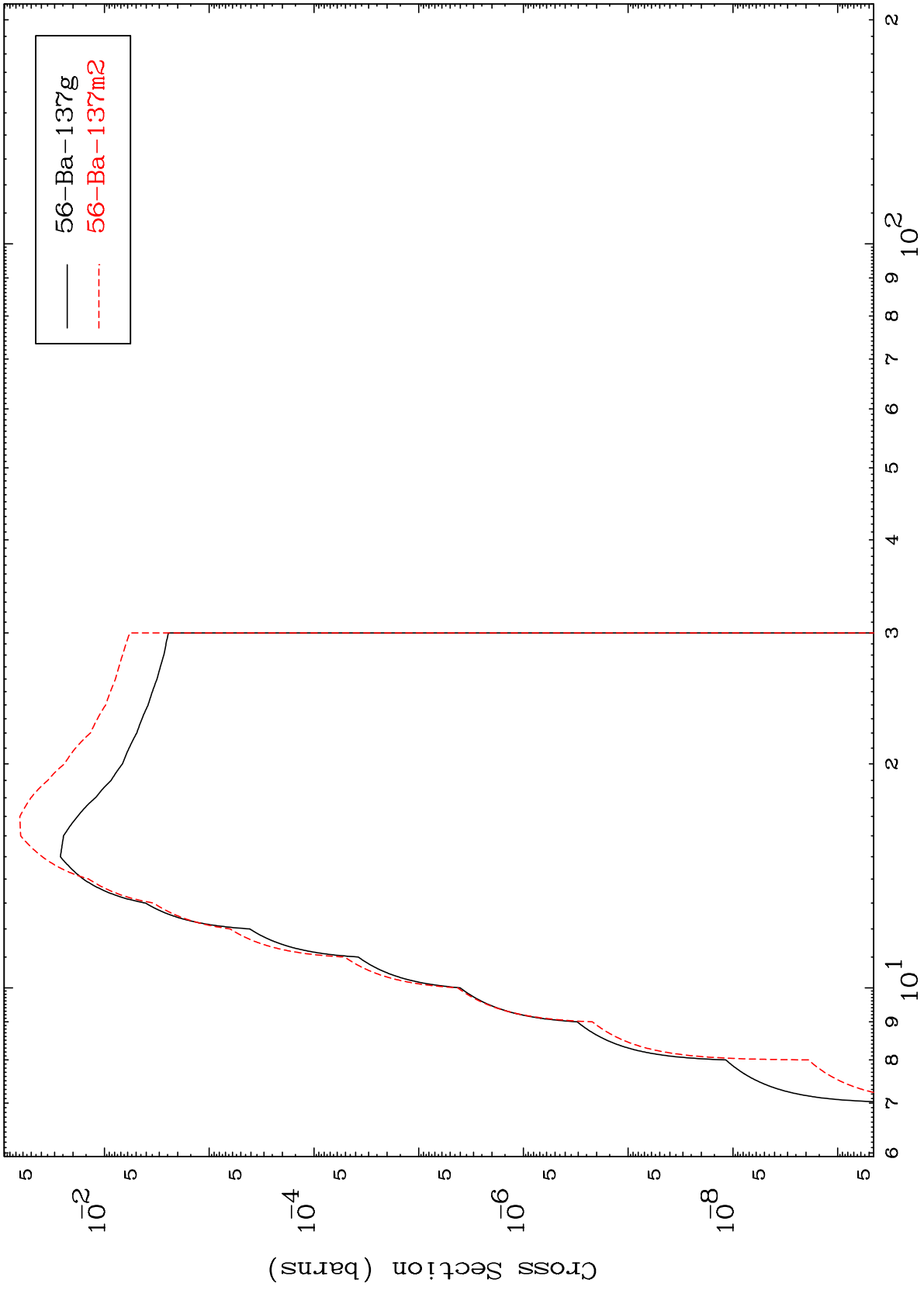
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

α Inelastic
Radionuclide Production Cross Section



11

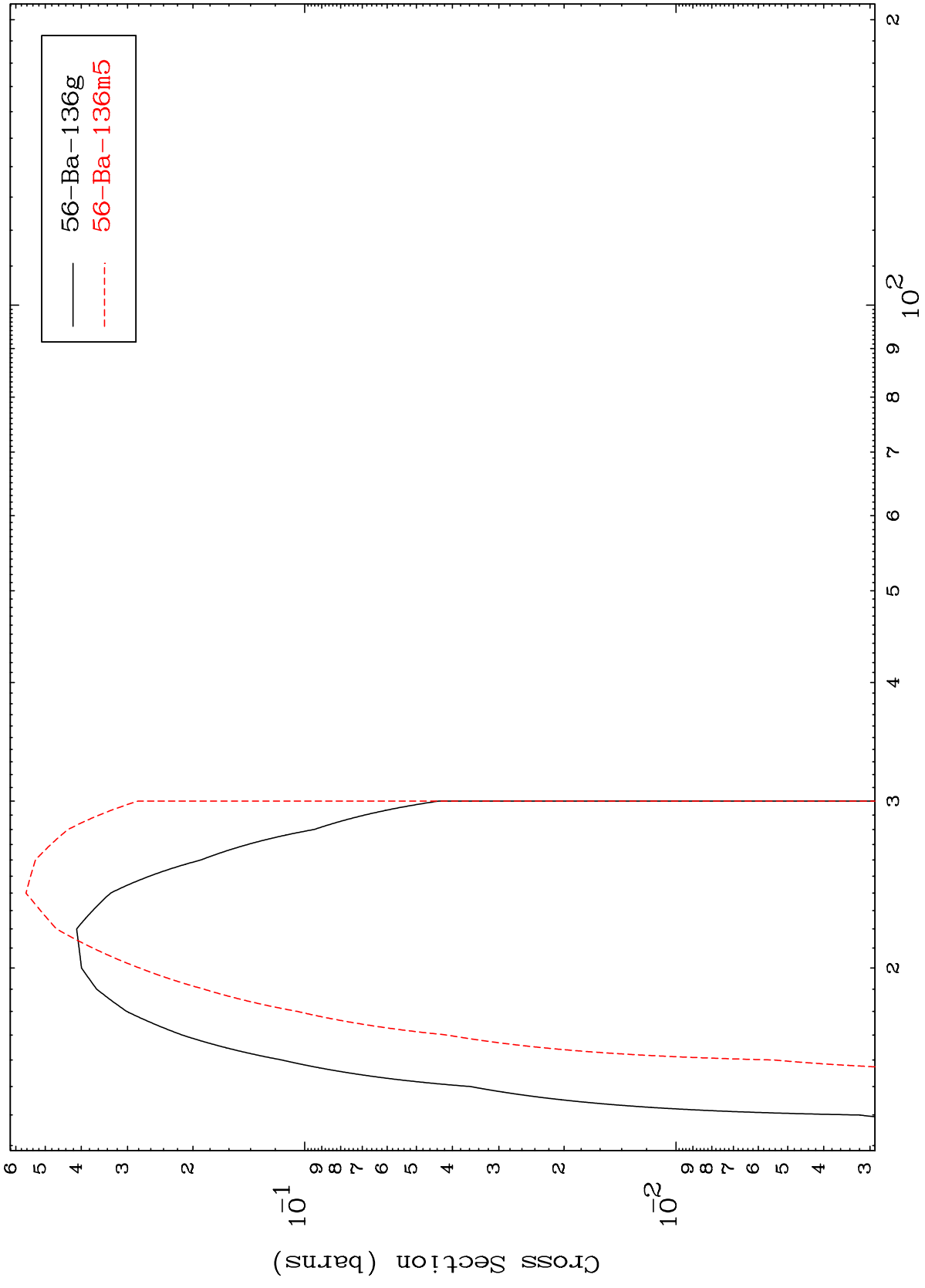
54-Xe-134

MAT 5455

($\alpha, 2n$)

54-Xe-134

Radionuclide Production Cross Section



12

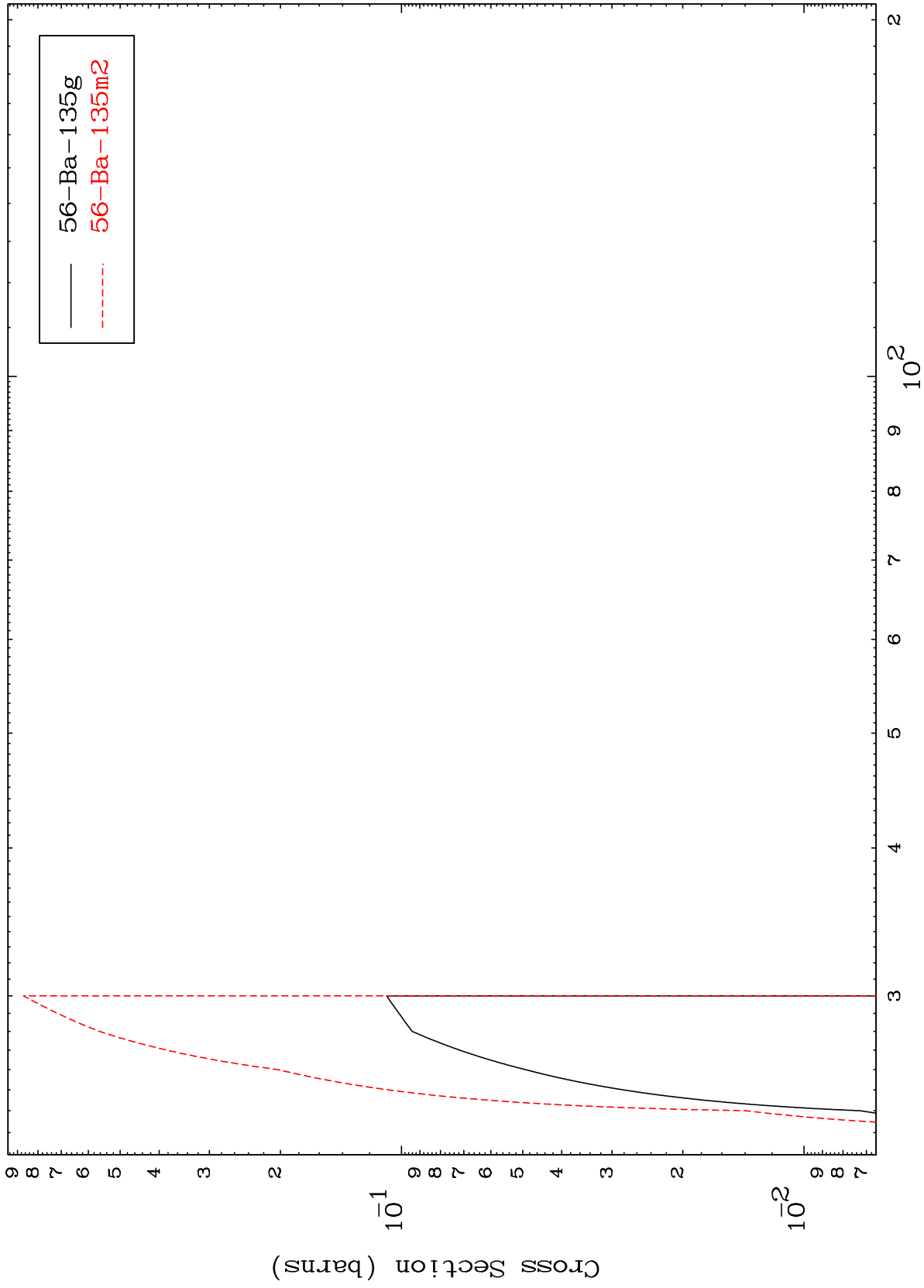
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

($\alpha, 3n$)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

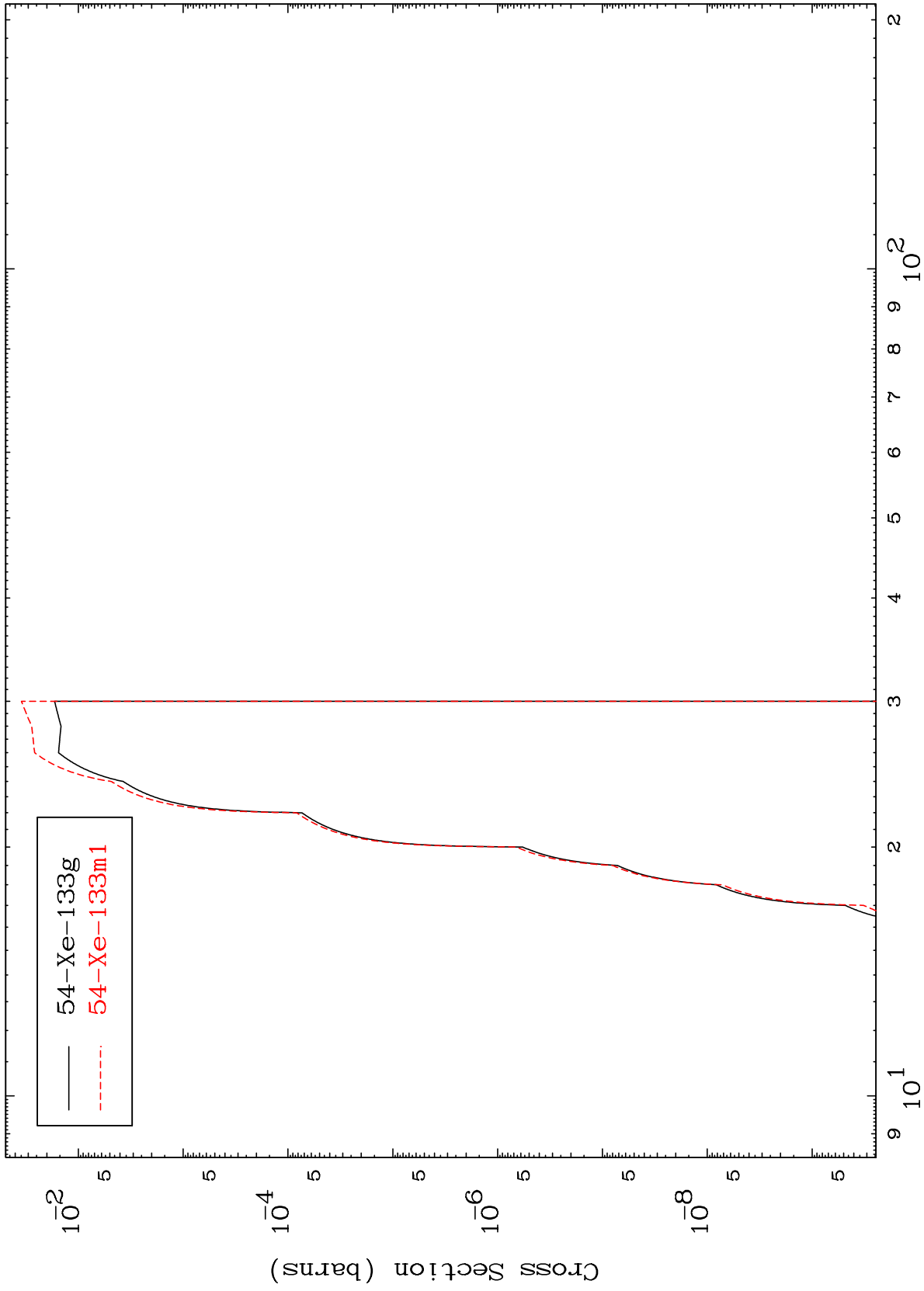
54-Xe-134

MAT 5455

(α, n') α

54-Xe-134

Radionuclide Production Cross Section

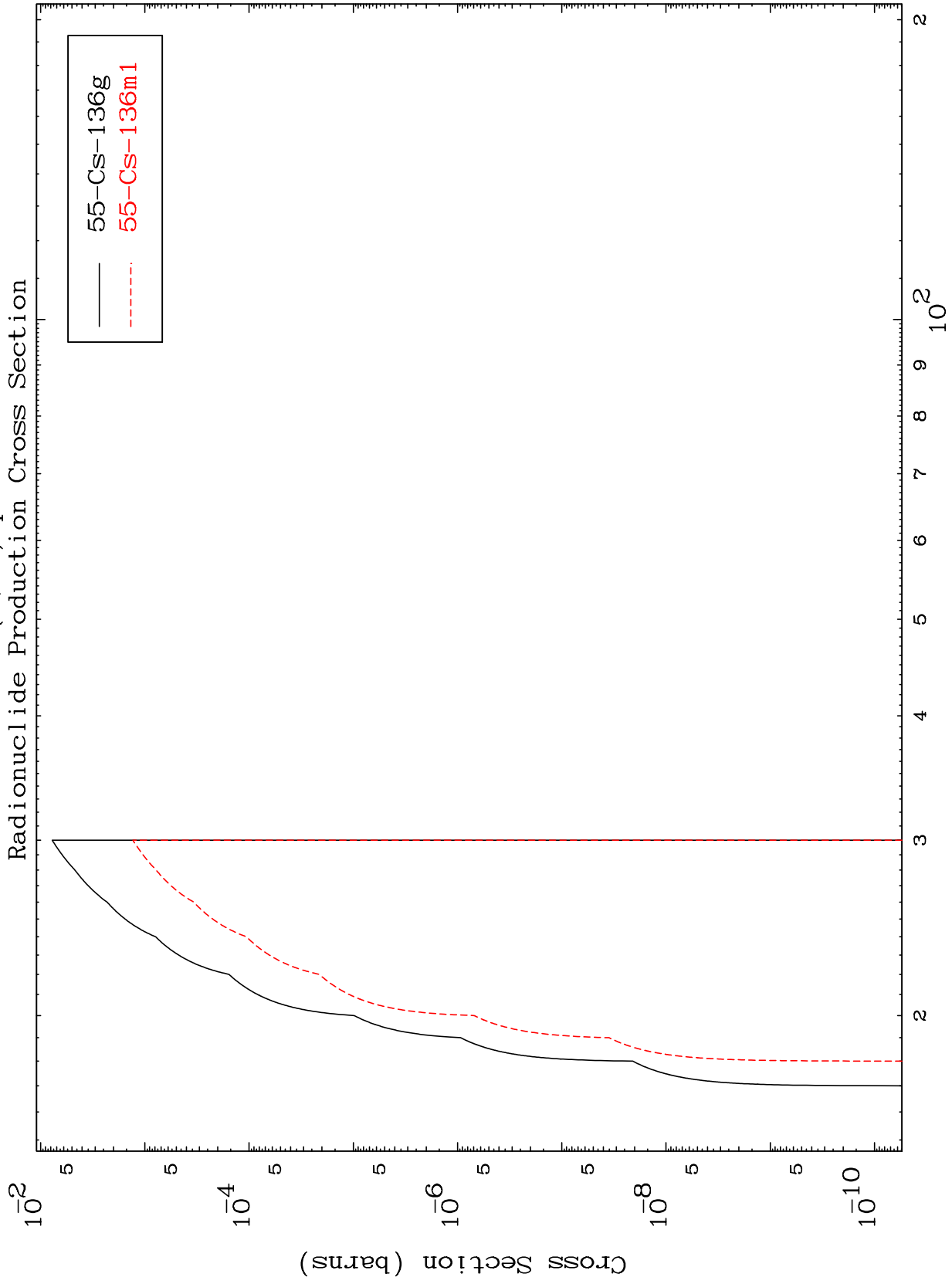


54-Xe-133g
54-Xe-133m1

MAT 5455

(α, n') p

54-Xe-134



15

Incident Energy (MeV)

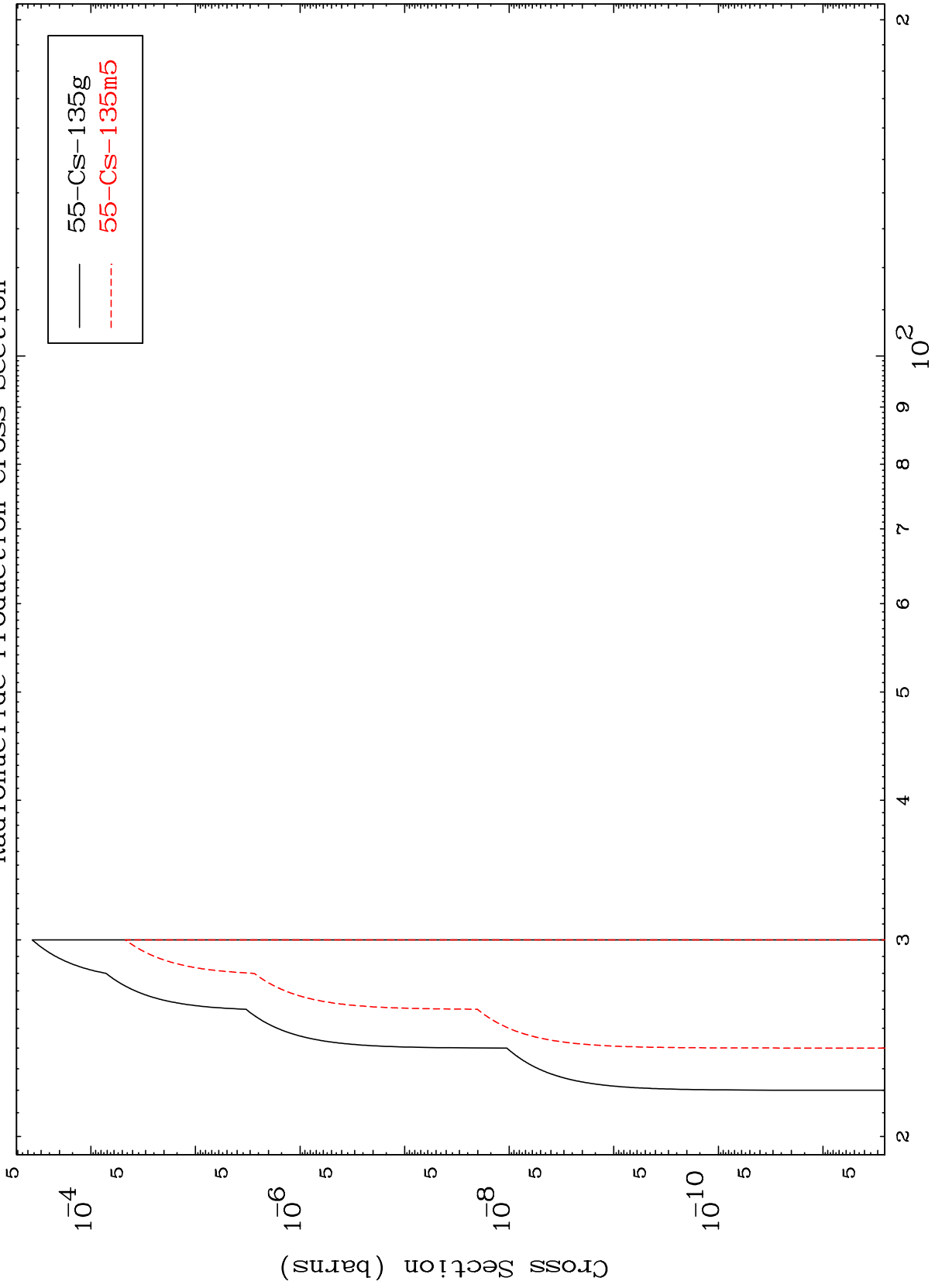
54-Xe-134

MAT 5455

(α, n') d

54-Xe-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

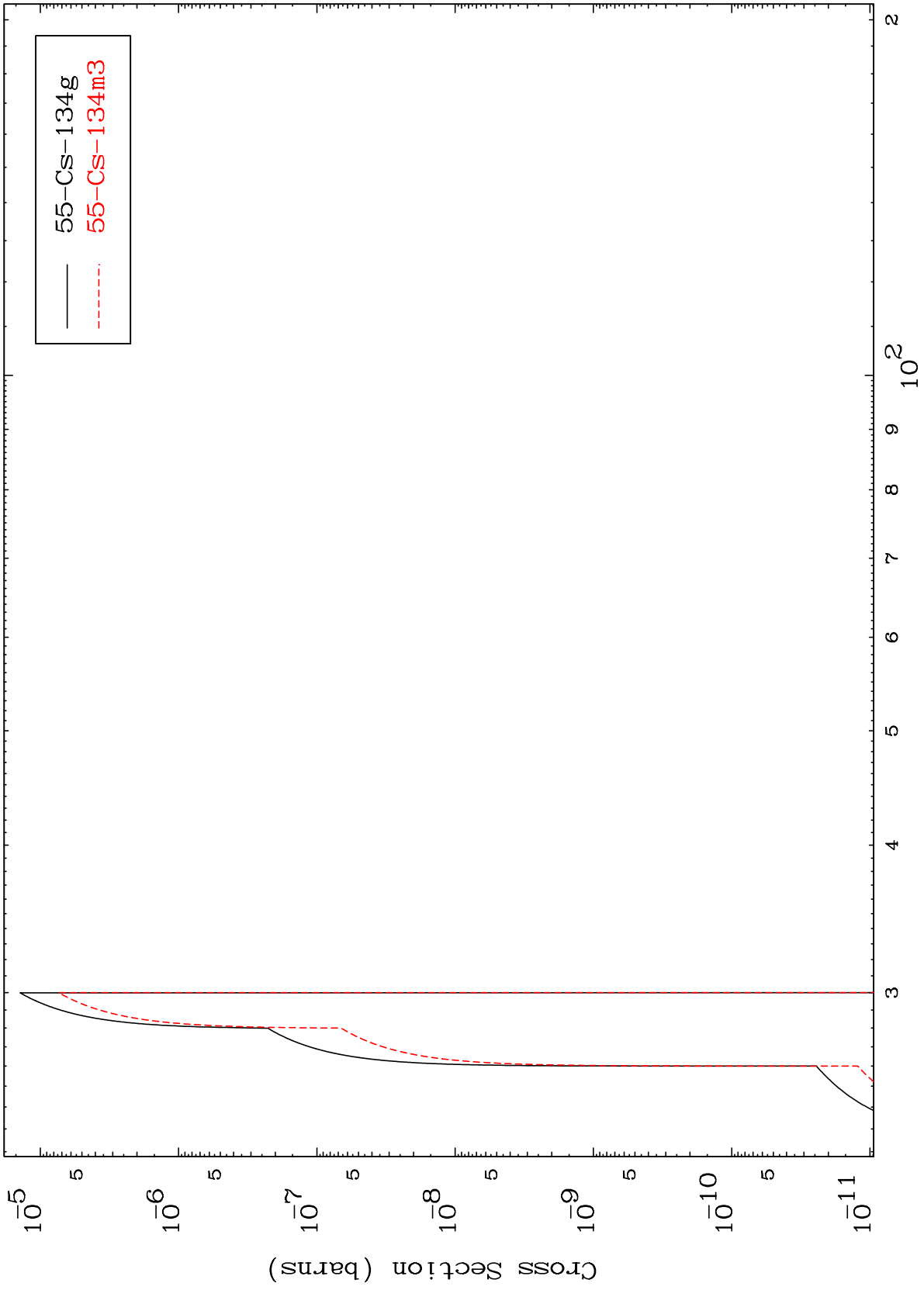
54-Xe-134

MAT 5455

(α, n') t

54-Xe-134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

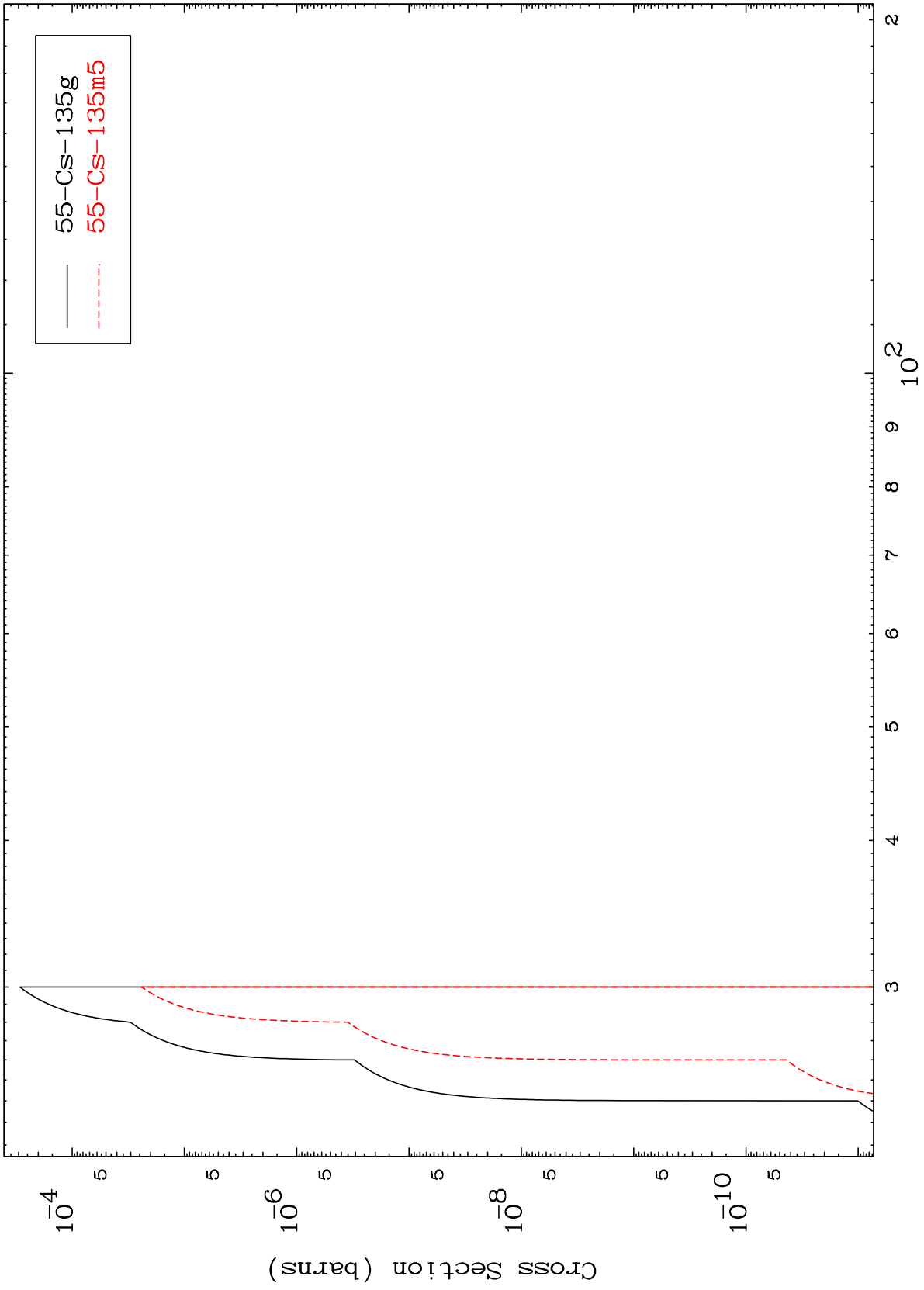
54-Xe-134

MAT 5455

($\alpha, 2n$) p

54-Xe-134

Radionuclide Production Cross Section



18

Incident Energy (MeV)

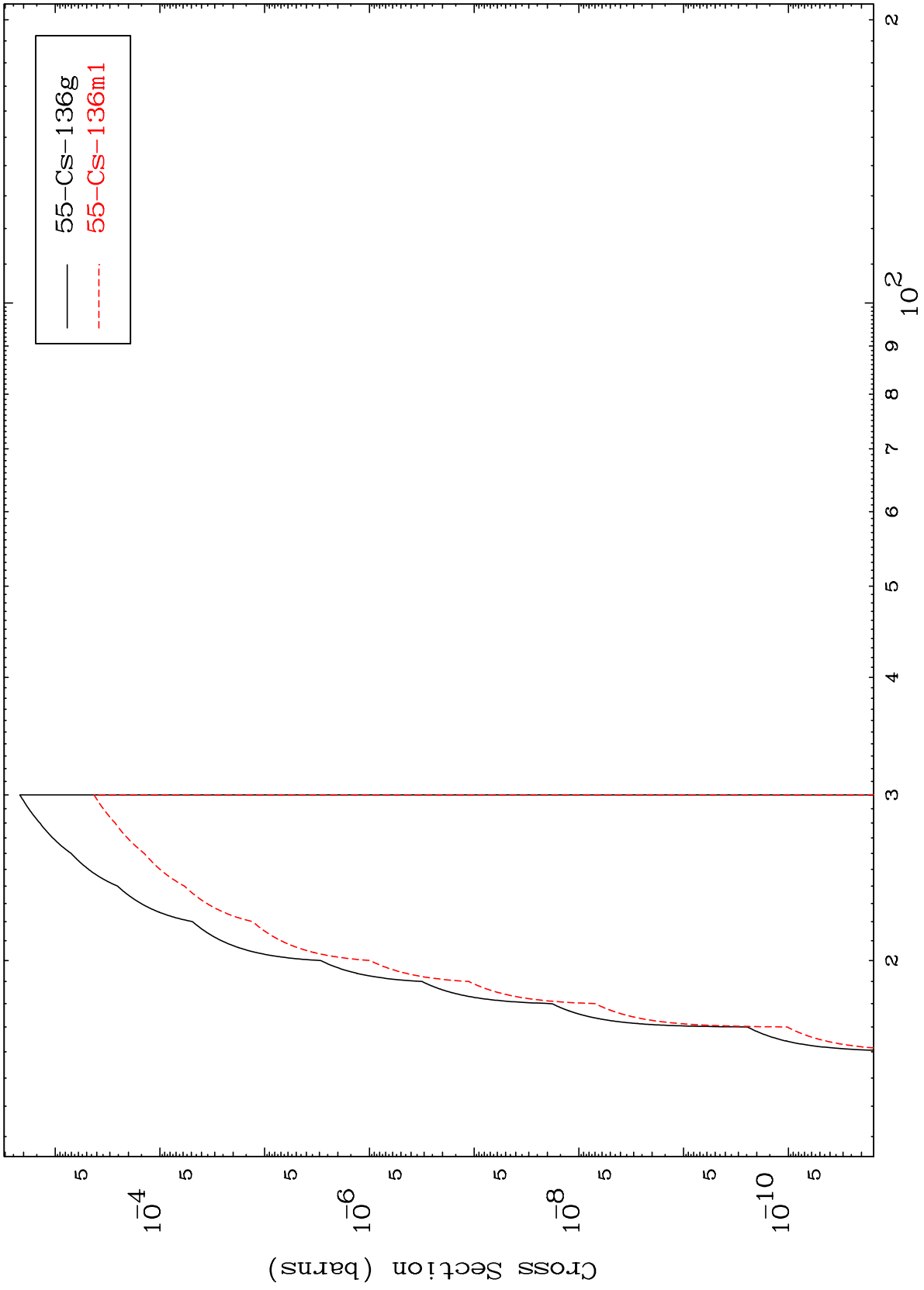
54-Xe-134

MAT 5455

(α, d)

54-Xe-134

Radionuclide Production Cross Section



19

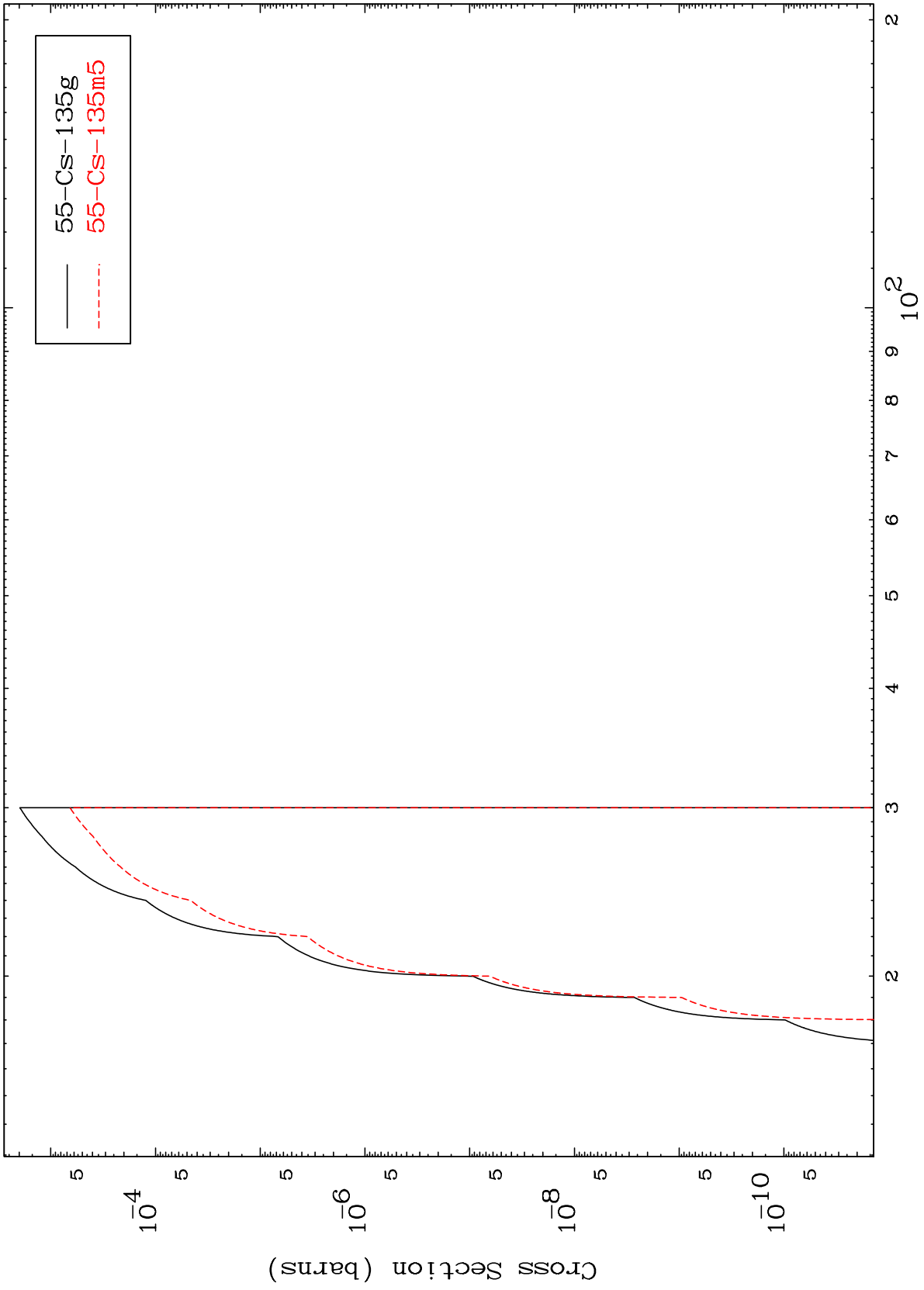
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(α, t)
Radionuclide Production Cross Section



20

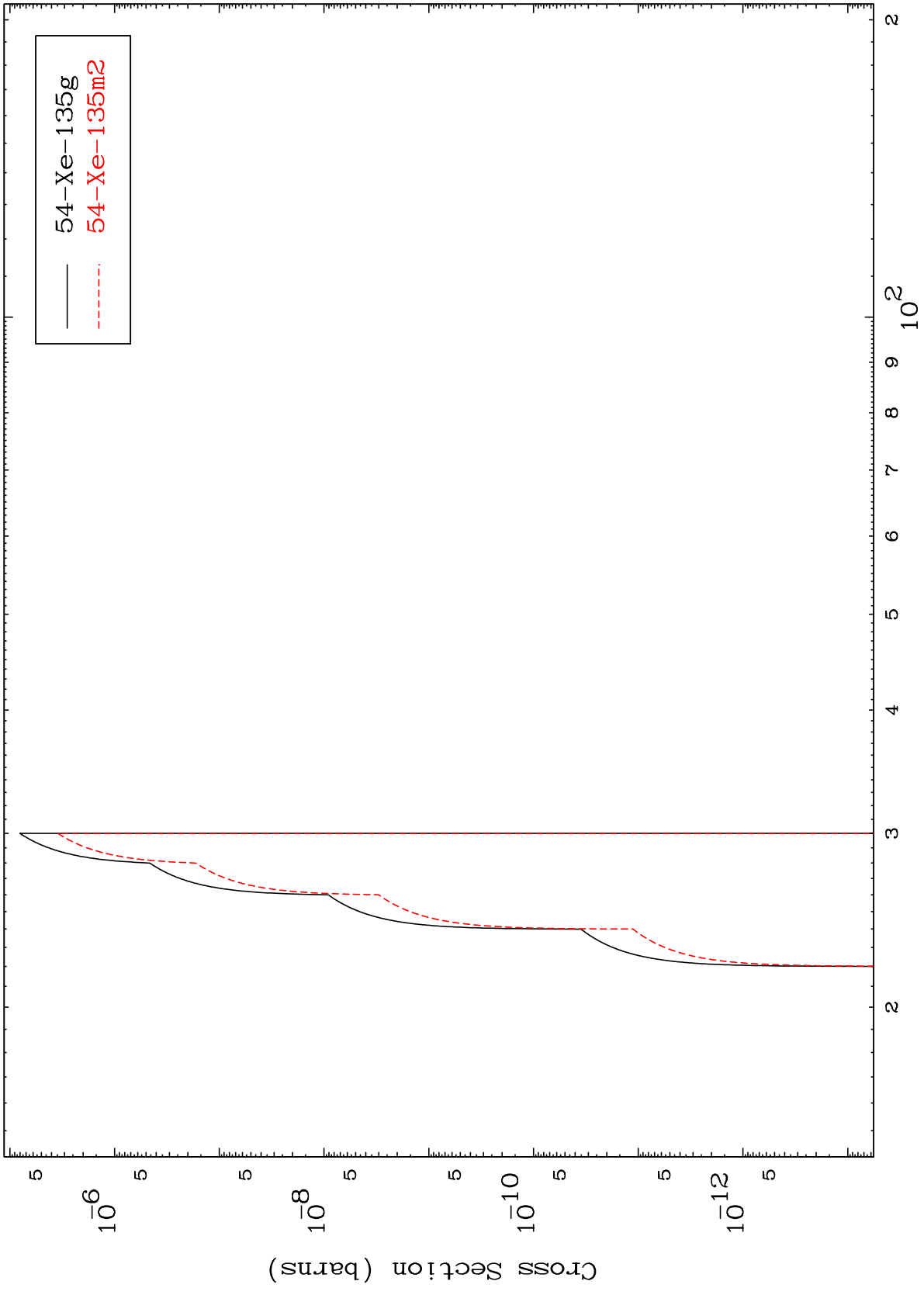
54-Xe-134

MAT 5455

($\alpha, \text{He-3}$)

54-Xe-134

Radionuclide Production Cross Section



21

Incident Energy (MeV)

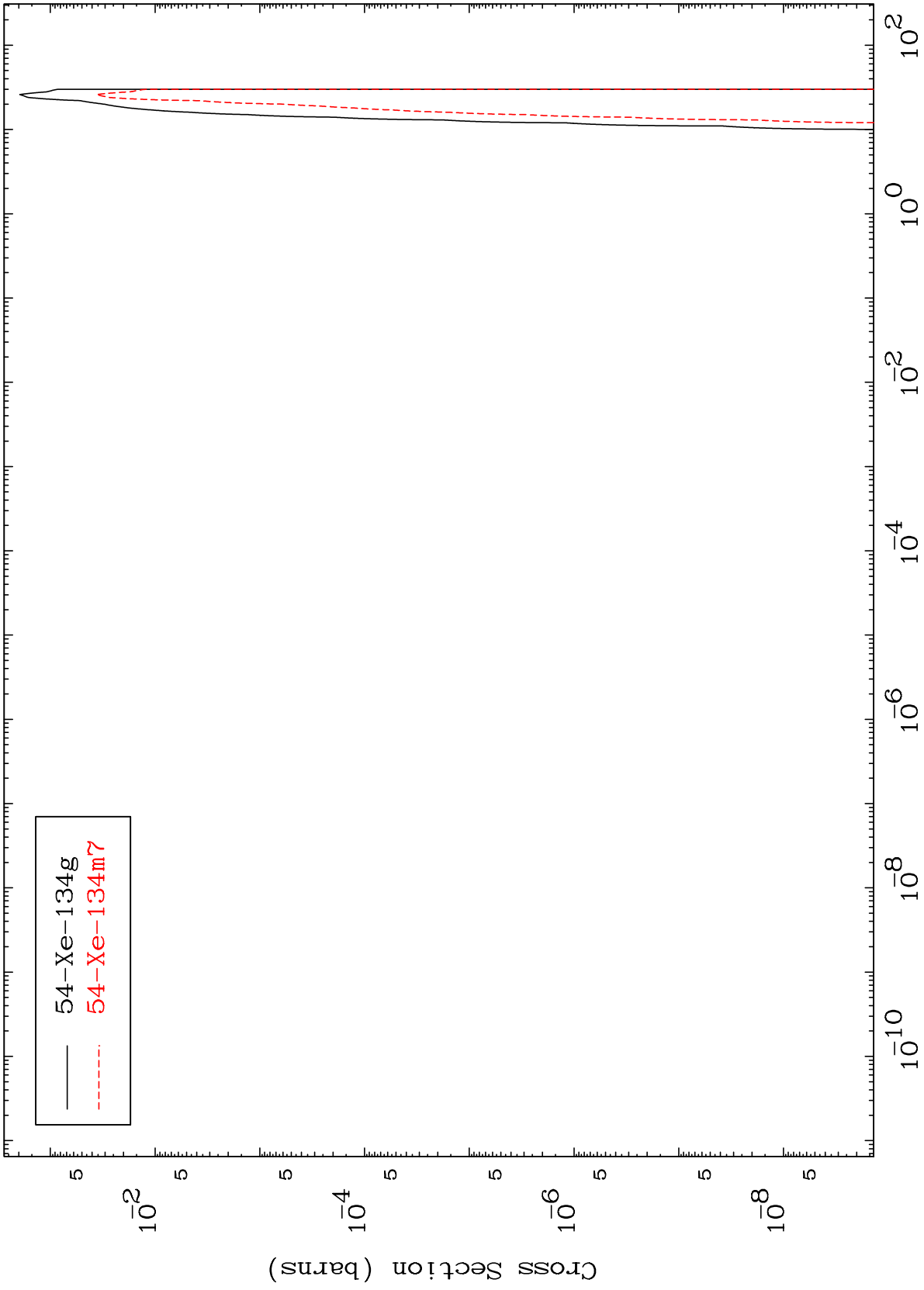
54-Xe-134

MAT 5455

(α, α)

54-Xe-134

Radionuclide Production Cross Section



22

Incident Energy (MeV)

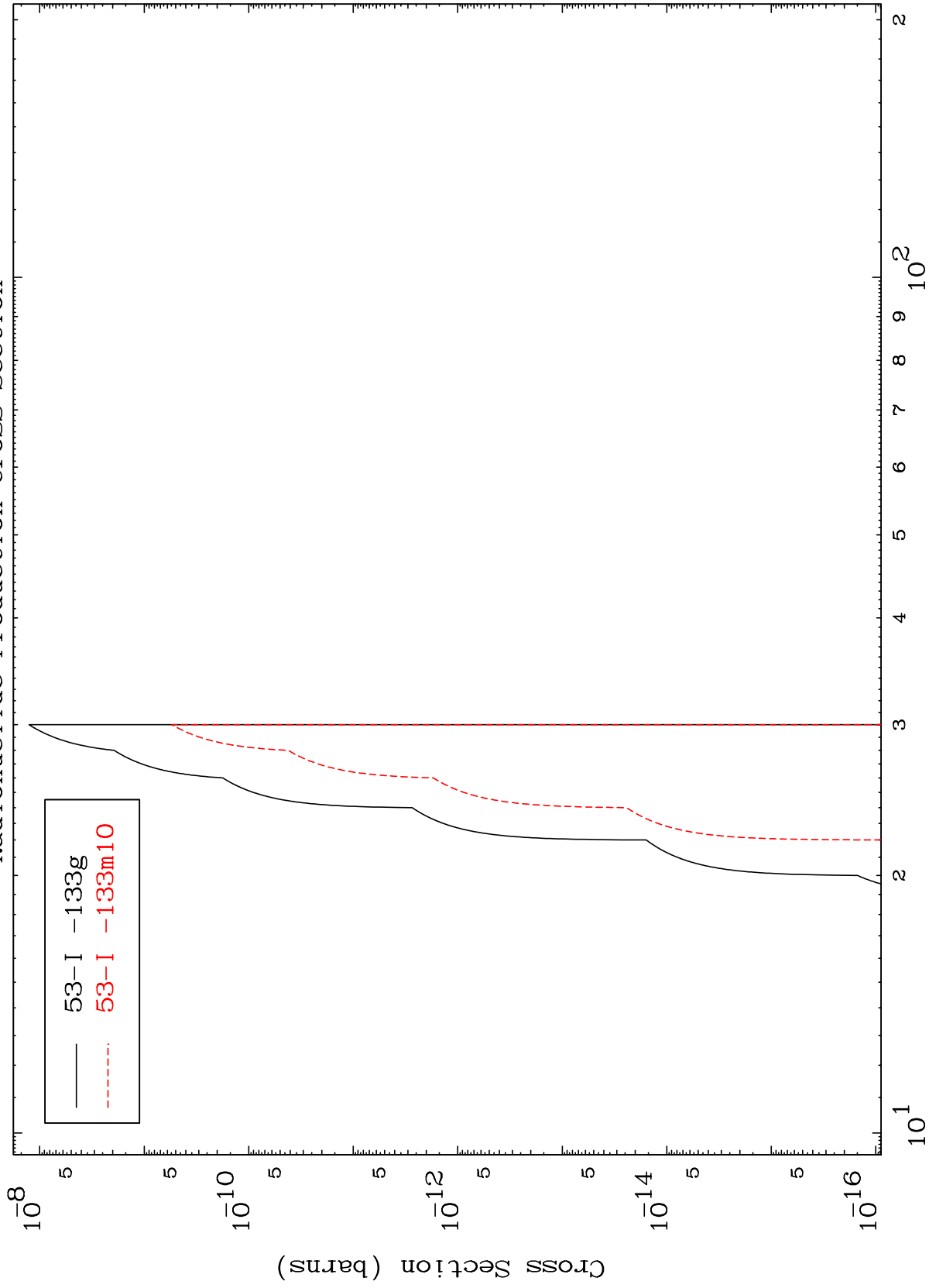
54-Xe-134

MAT 5455

(α, p) α

54-Xe-134

Radionuclide Production Cross Section



23

Incident Energy (MeV)

54-Xe-134