

Program EVALPLOT
(Version 2018-1)

by

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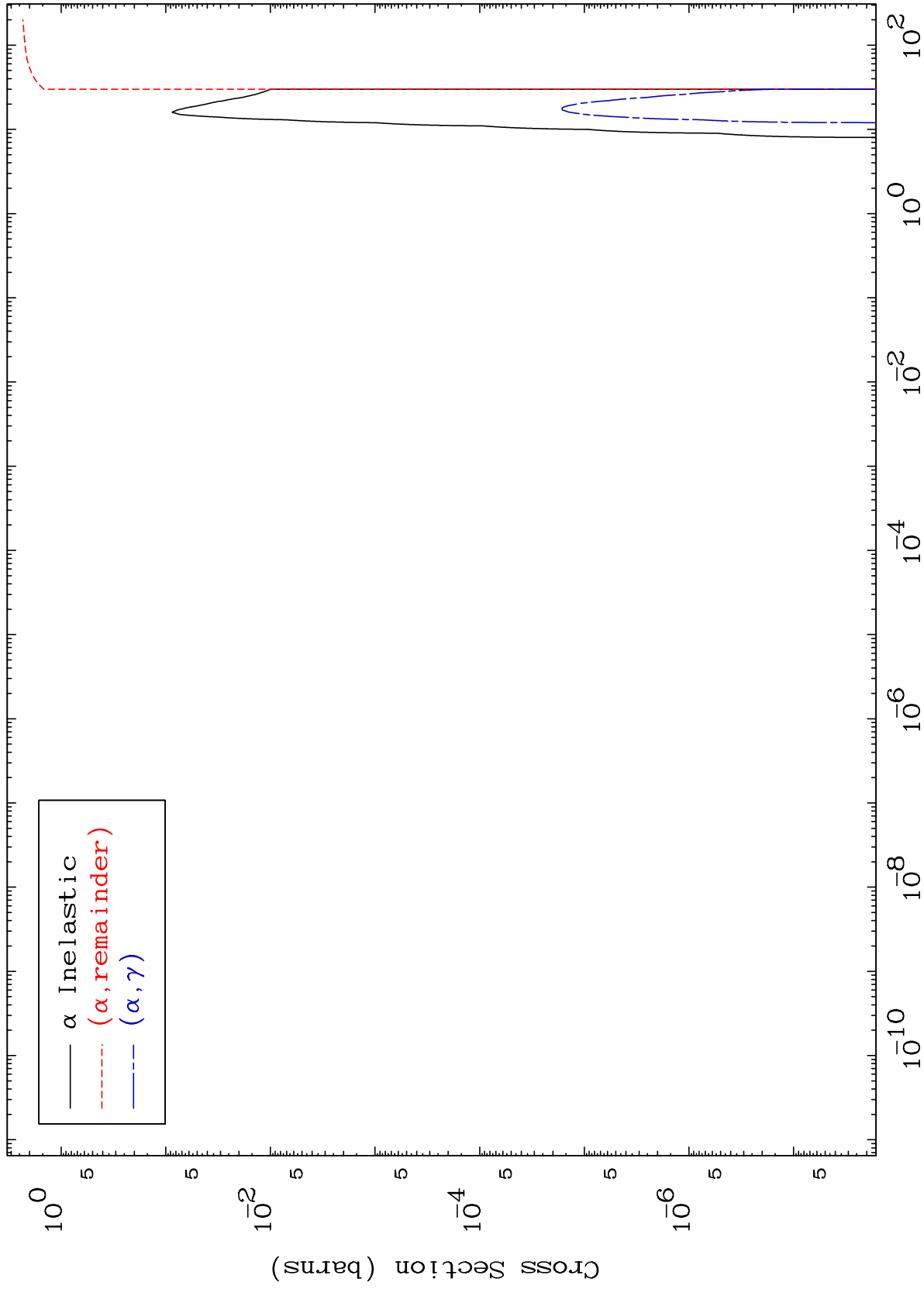
Press Mouse Button to Start

MAT 5453

0 Kelvin Cross Sections

α Major

54-Xe-133



1

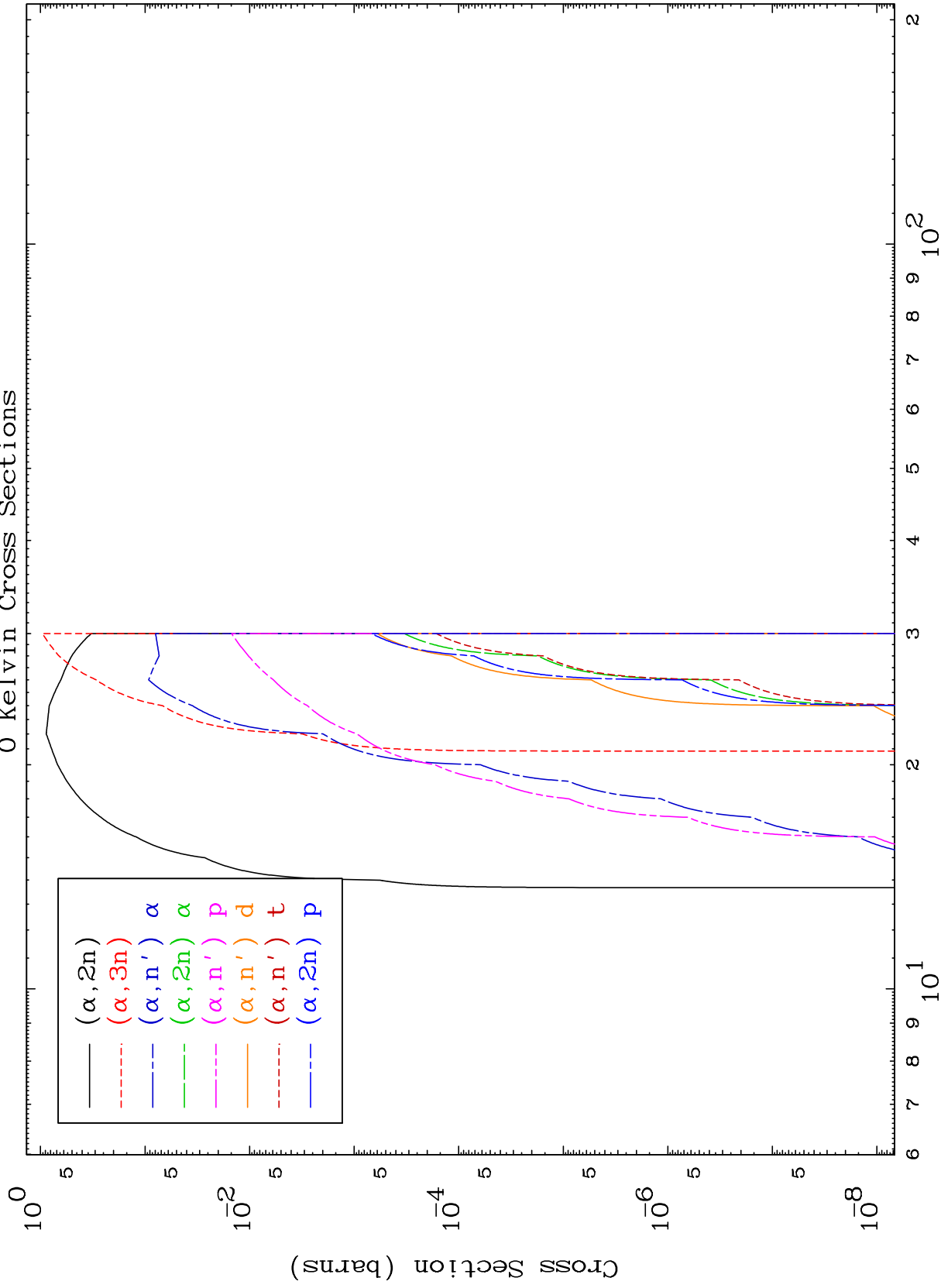
Incident Energy (MeV)

54-Xe-133

MAT 5453

α Neutron Production
0 Kelvin Cross Sections

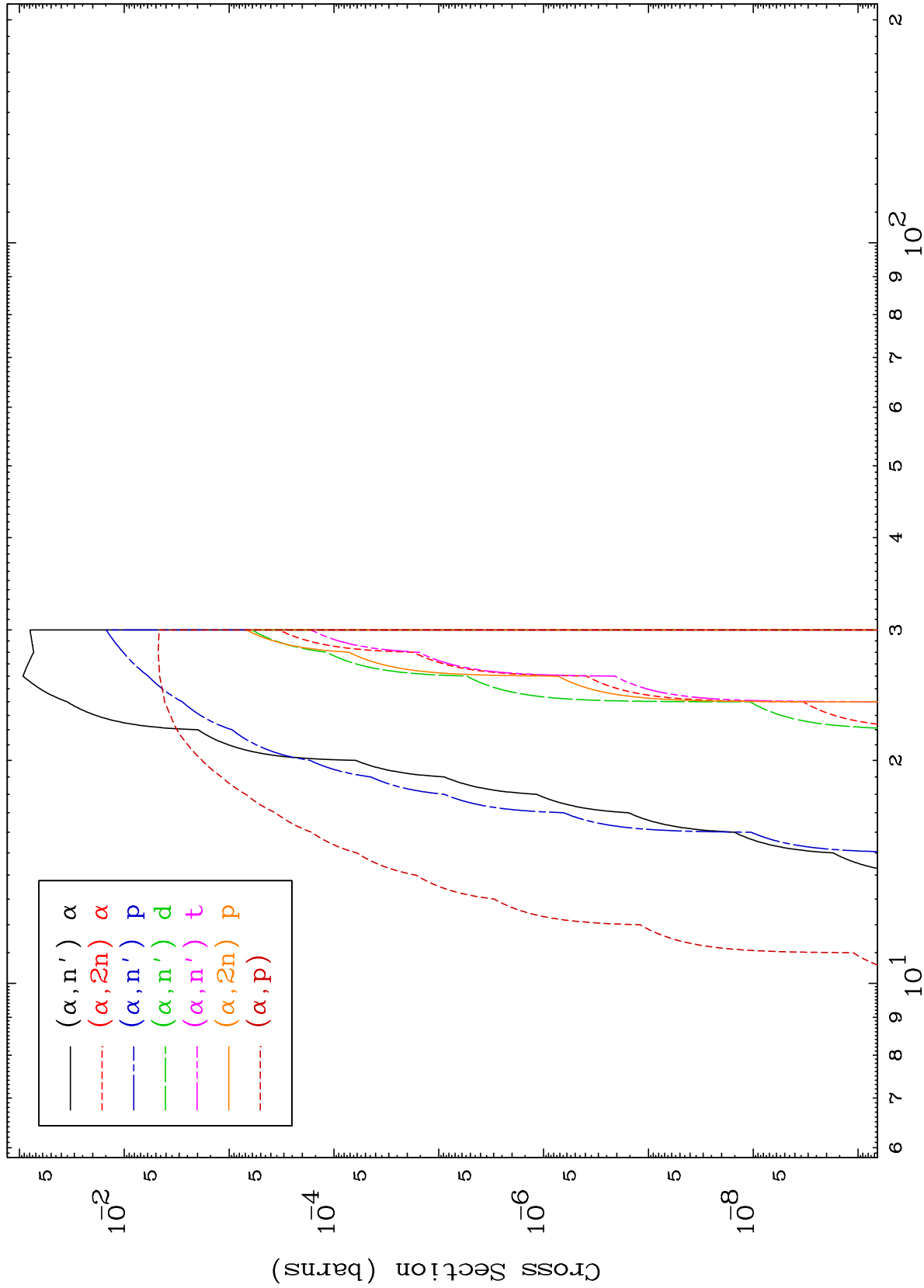
54-Xe-133



2

Incident Energy (MeV)

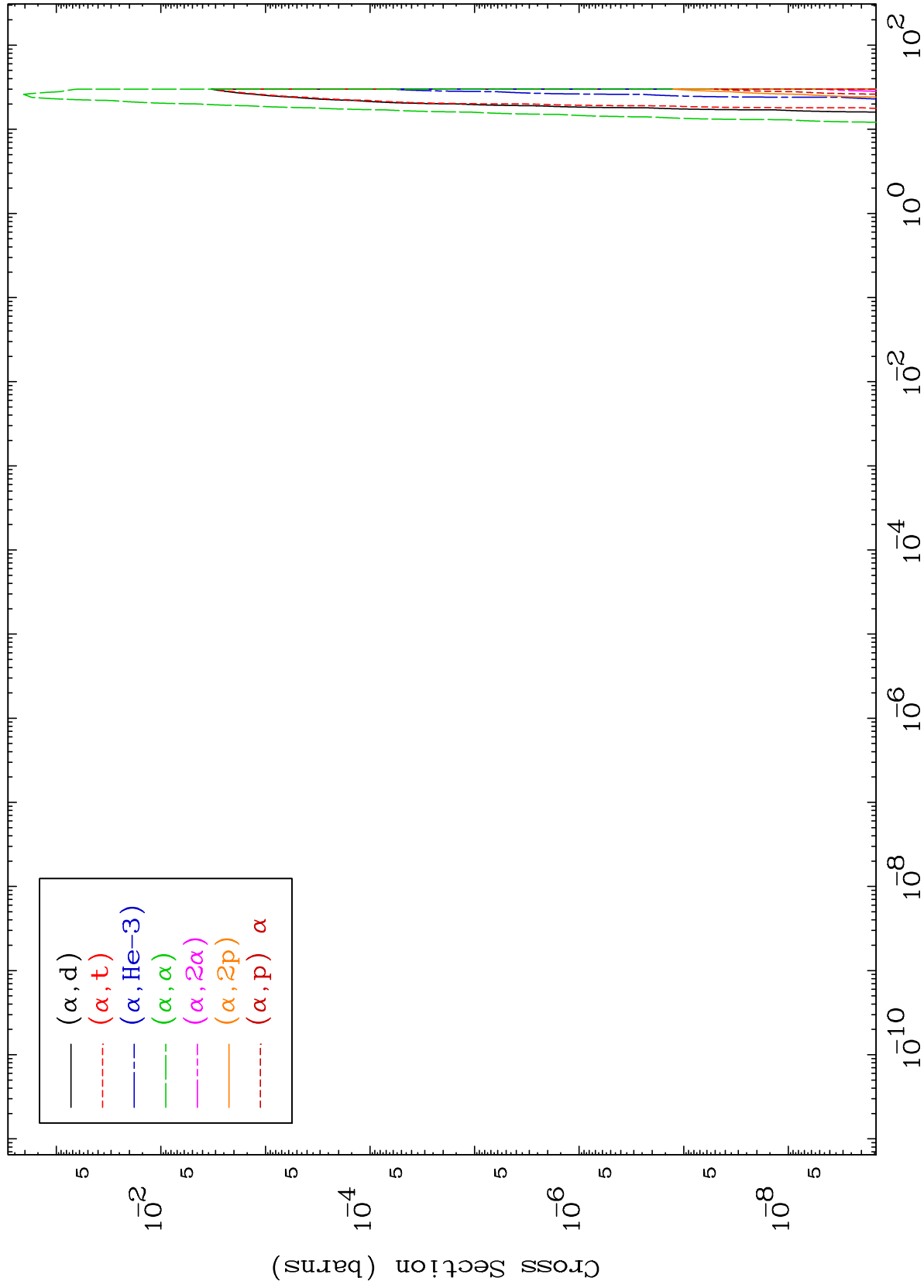
54-Xe-133



MAT 5453

α Charged Particle
0 Kelvin Cross Sections

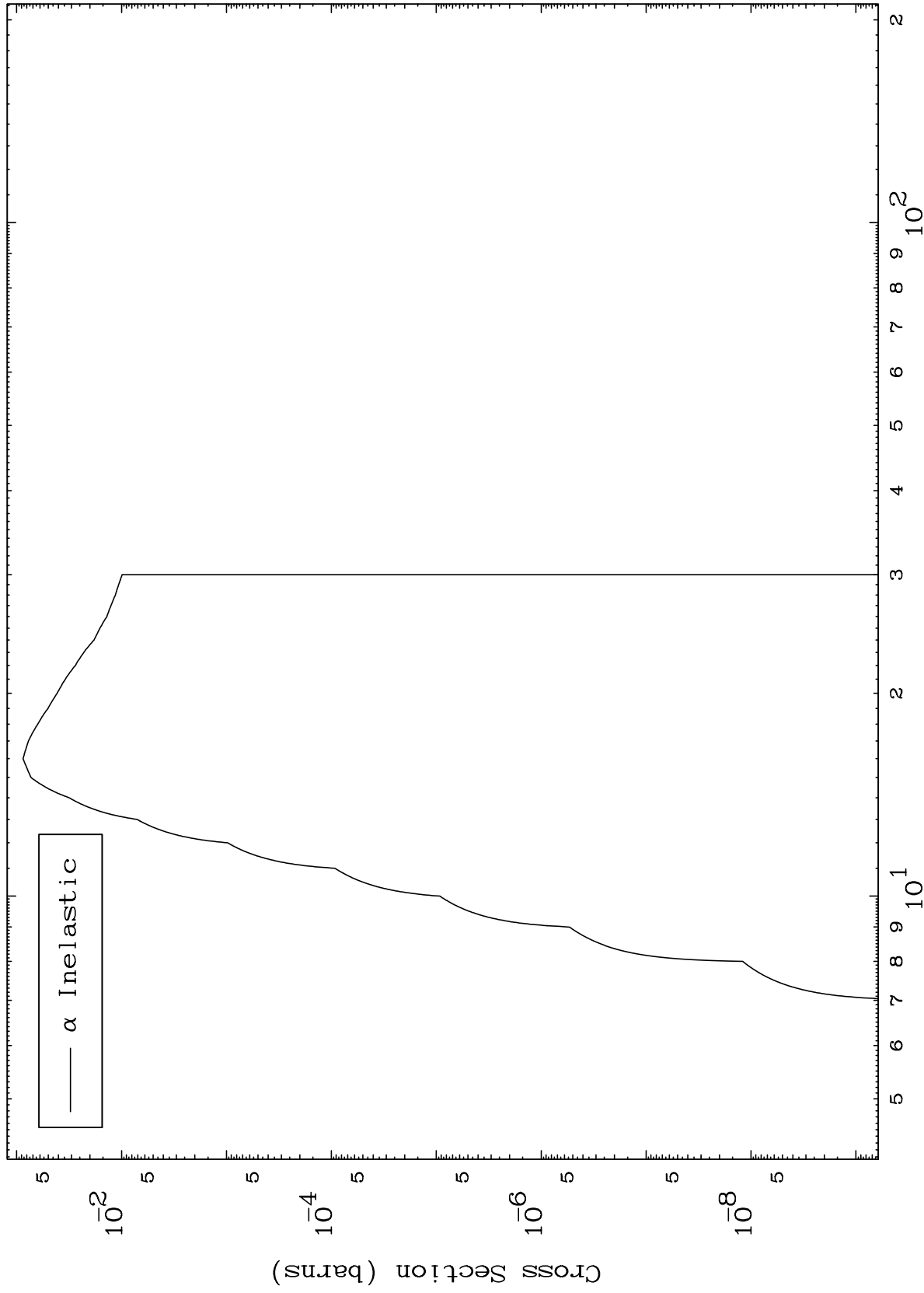
54-Xe-133



MAT 5453

54-Xe-133

(α, n') Level
0 Kelvin Cross Sections



5

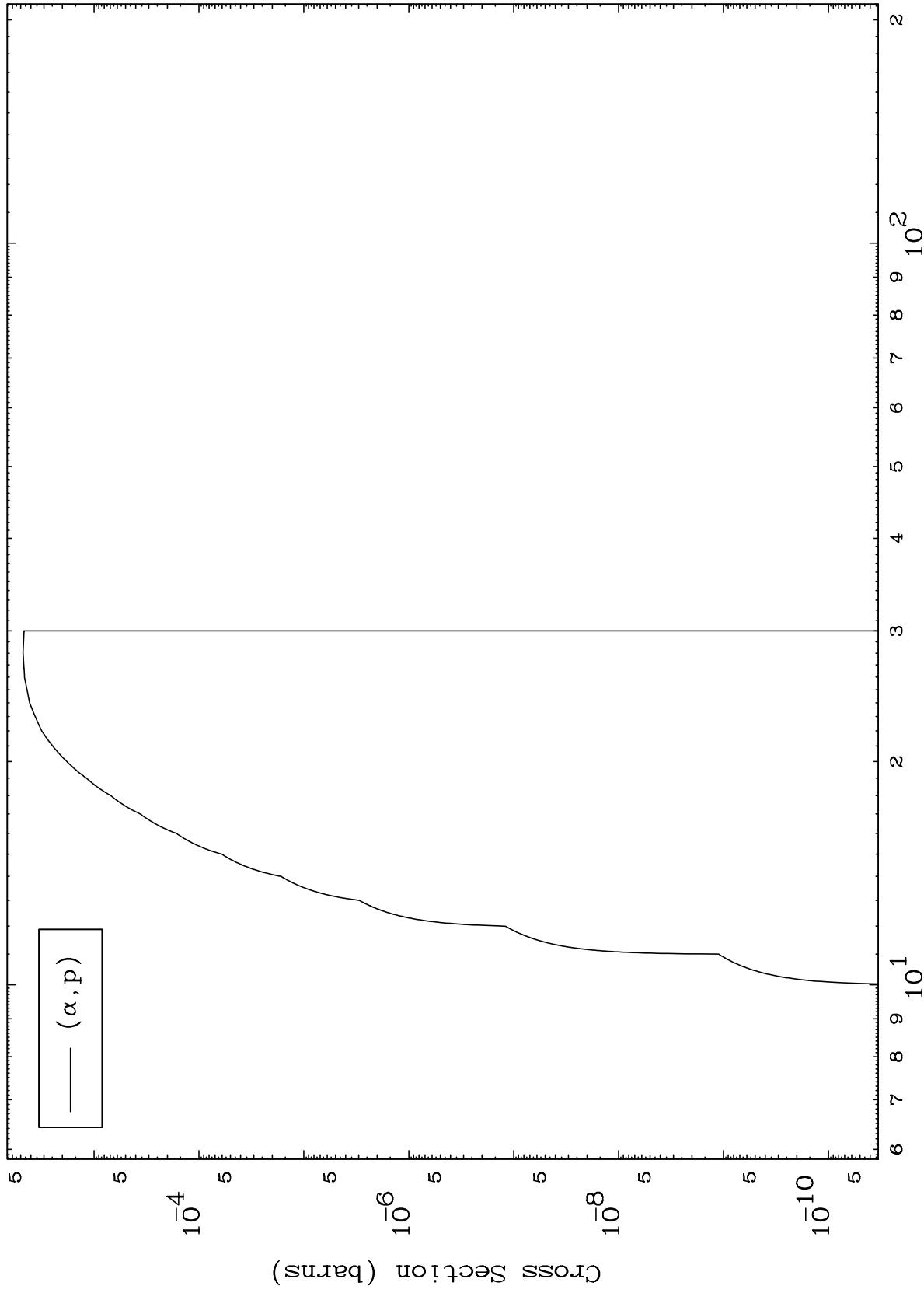
Incident Energy (MeV)

54-Xe-133

MAT 5453

54-Xe-133

(α ,p) Levels
0 Kelvin Cross Sections



6

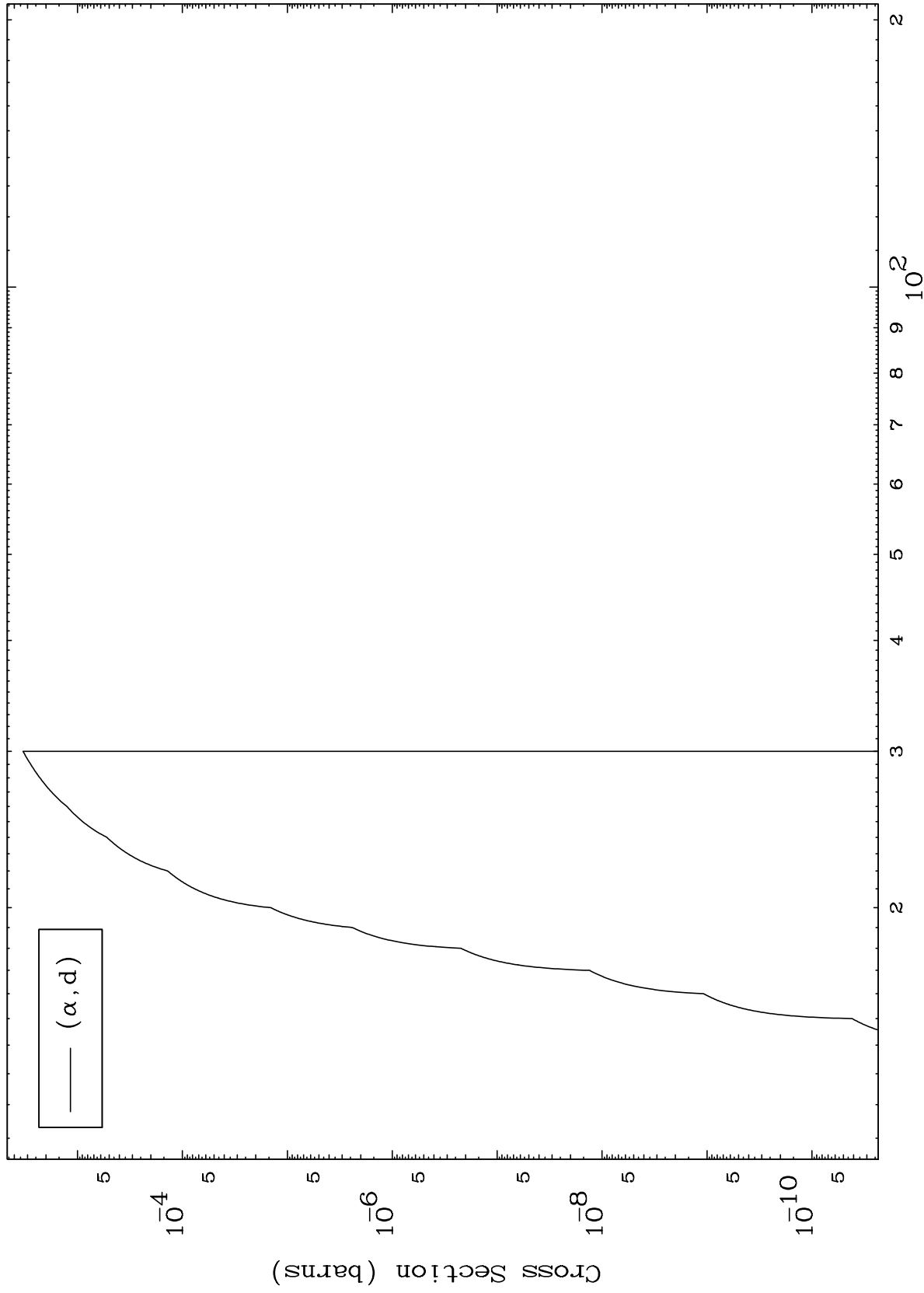
Incident Energy (MeV)

54-Xe-133

MAT 5453

54-Xe-133

(α ,d) Levels
0 Kelvin Cross Sections



7

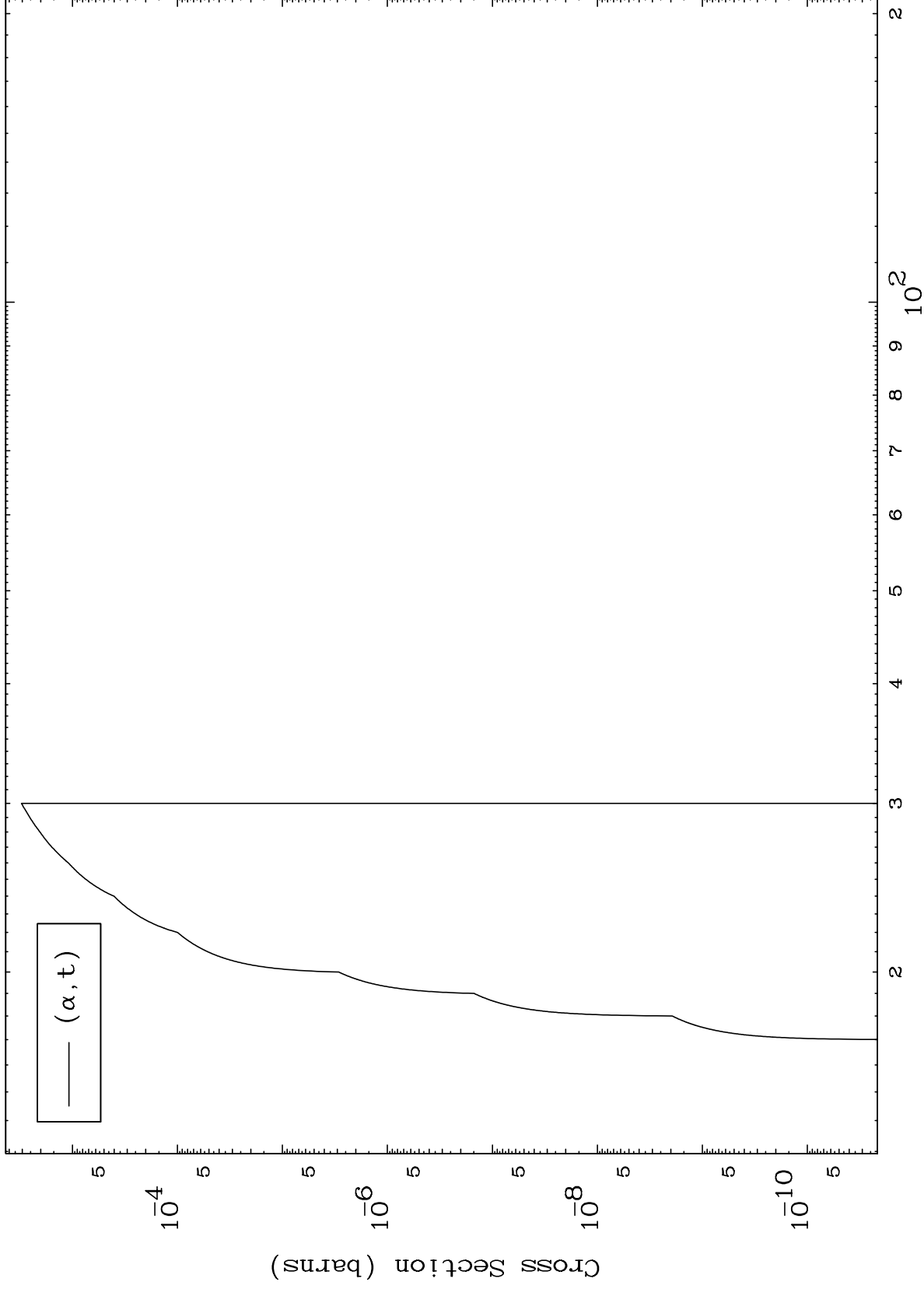
54-Xe-133

Incident Energy (MeV)

MAT 5453

54-Xe-133

(α, t) Levels
0 Kelvin Cross Sections

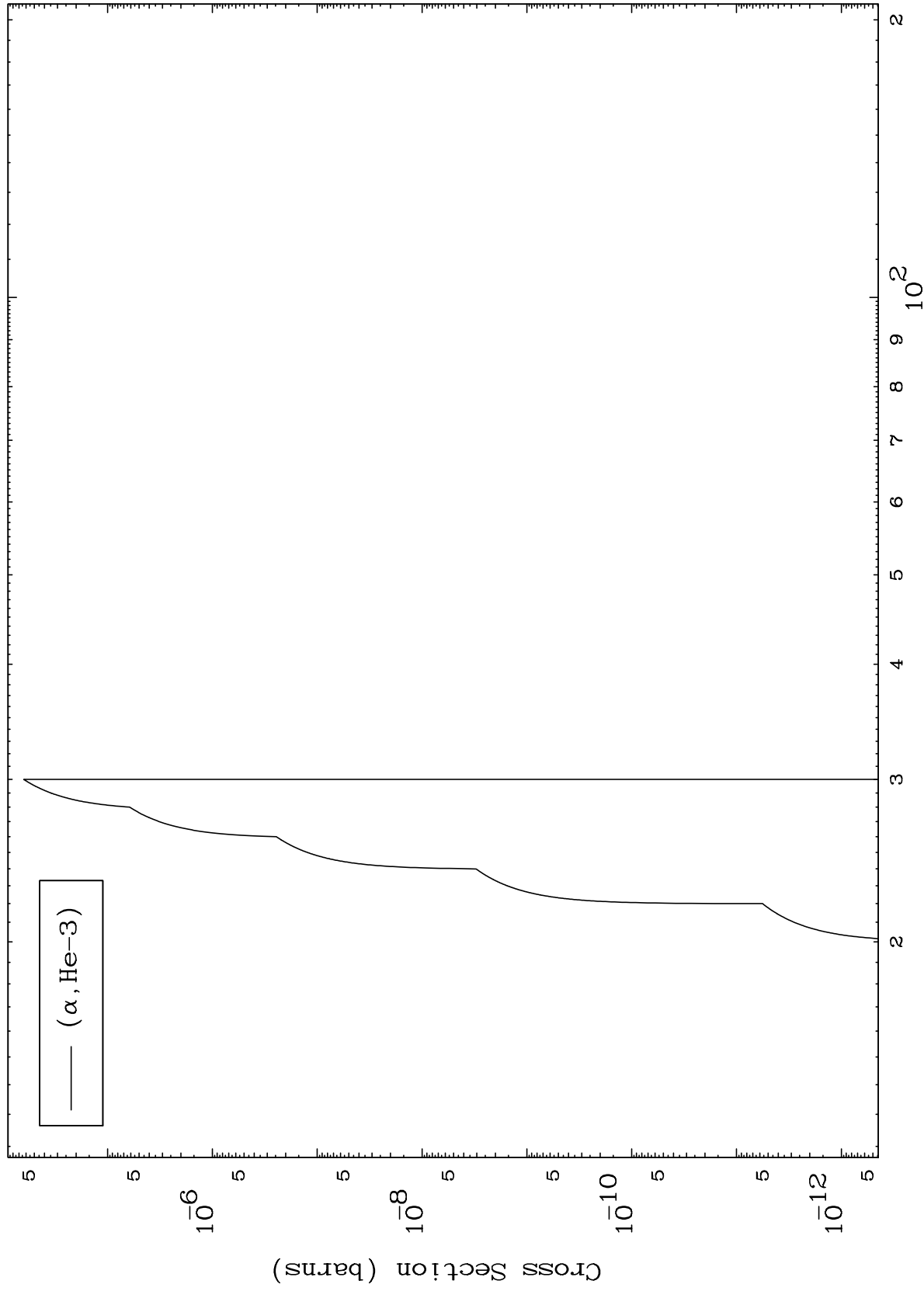


8

54-Xe-133

Incident Energy (MeV)

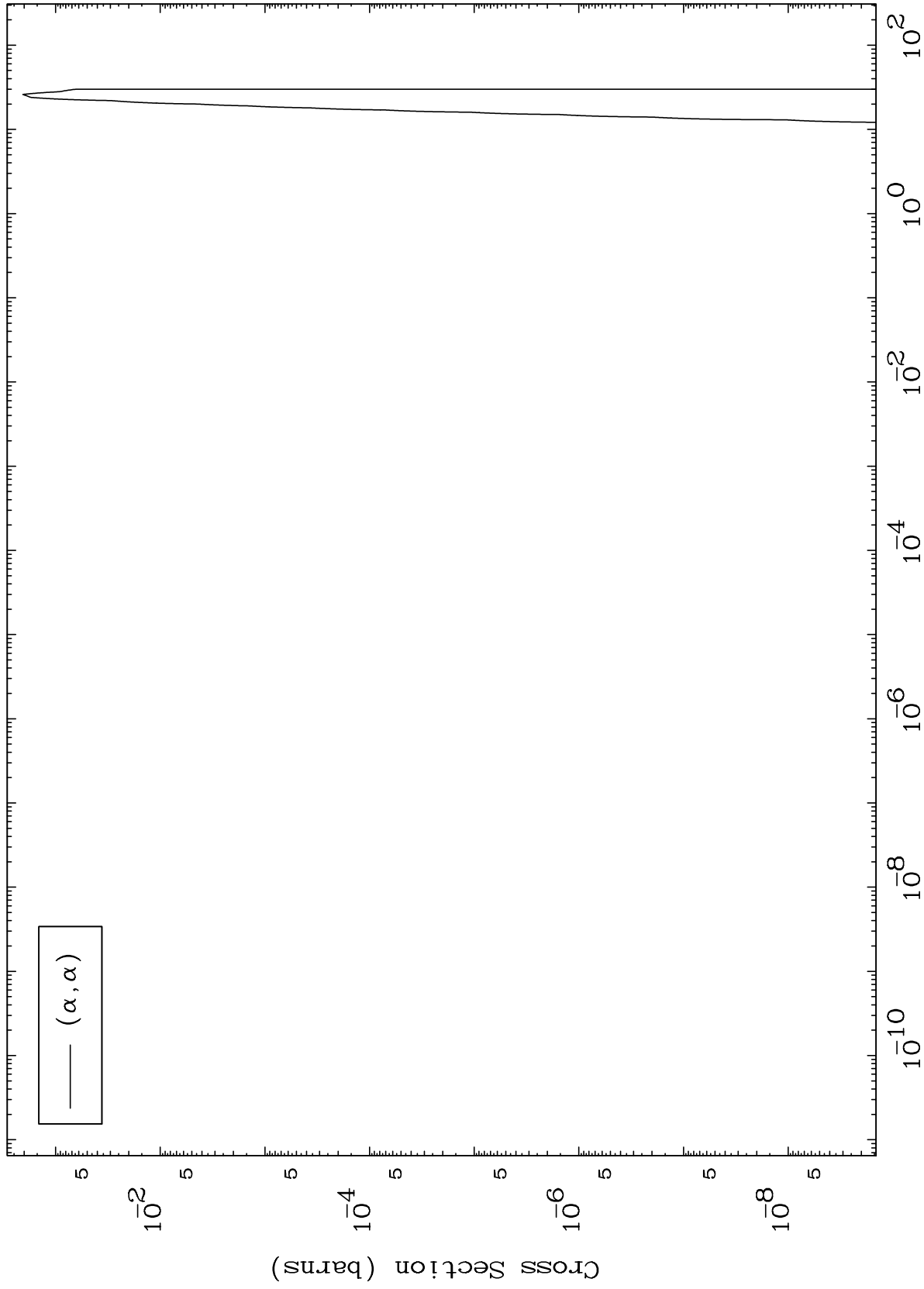
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 5453

(α, α) Levels
0 Kelvin Cross Sections

54-Xe-133



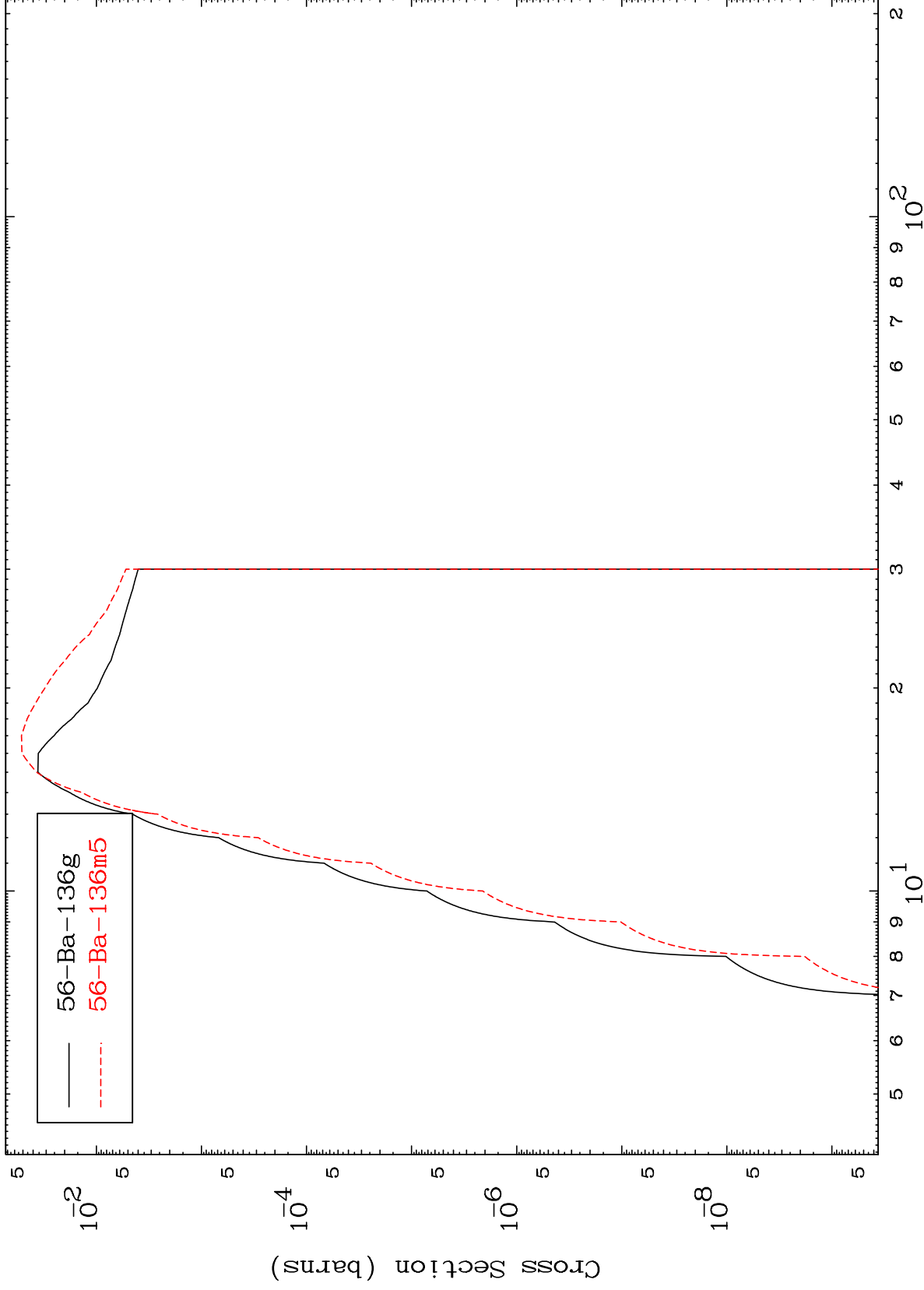
Incident Energy (MeV)

54-Xe-133

MAT 5453

54-Xe-133

α Inelastic
Radionuclide Production Cross Section



11

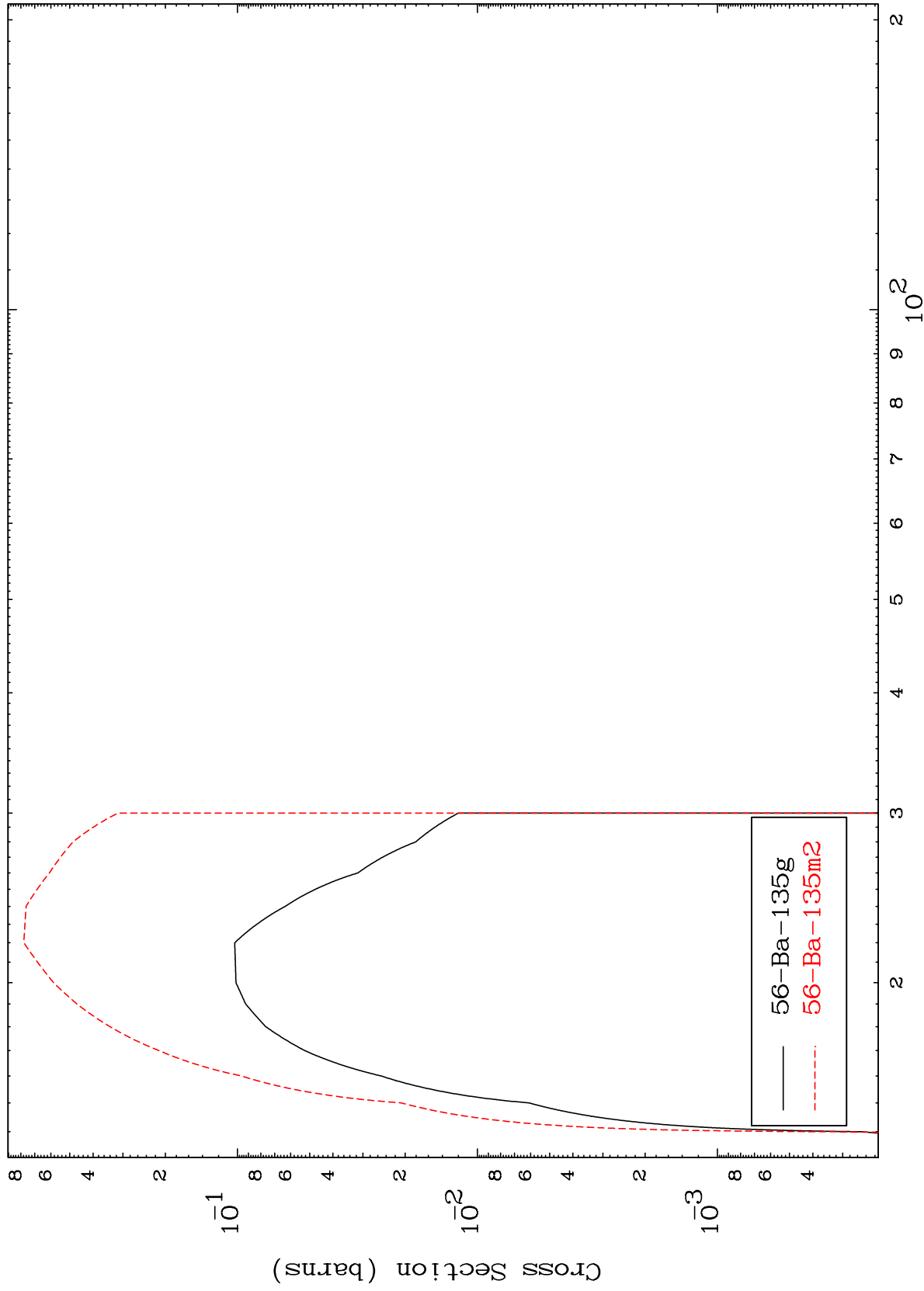
Incident Energy (MeV)

54-Xe-133

MAT 5453

54-Xe-133

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



12

Incident Energy (MeV)

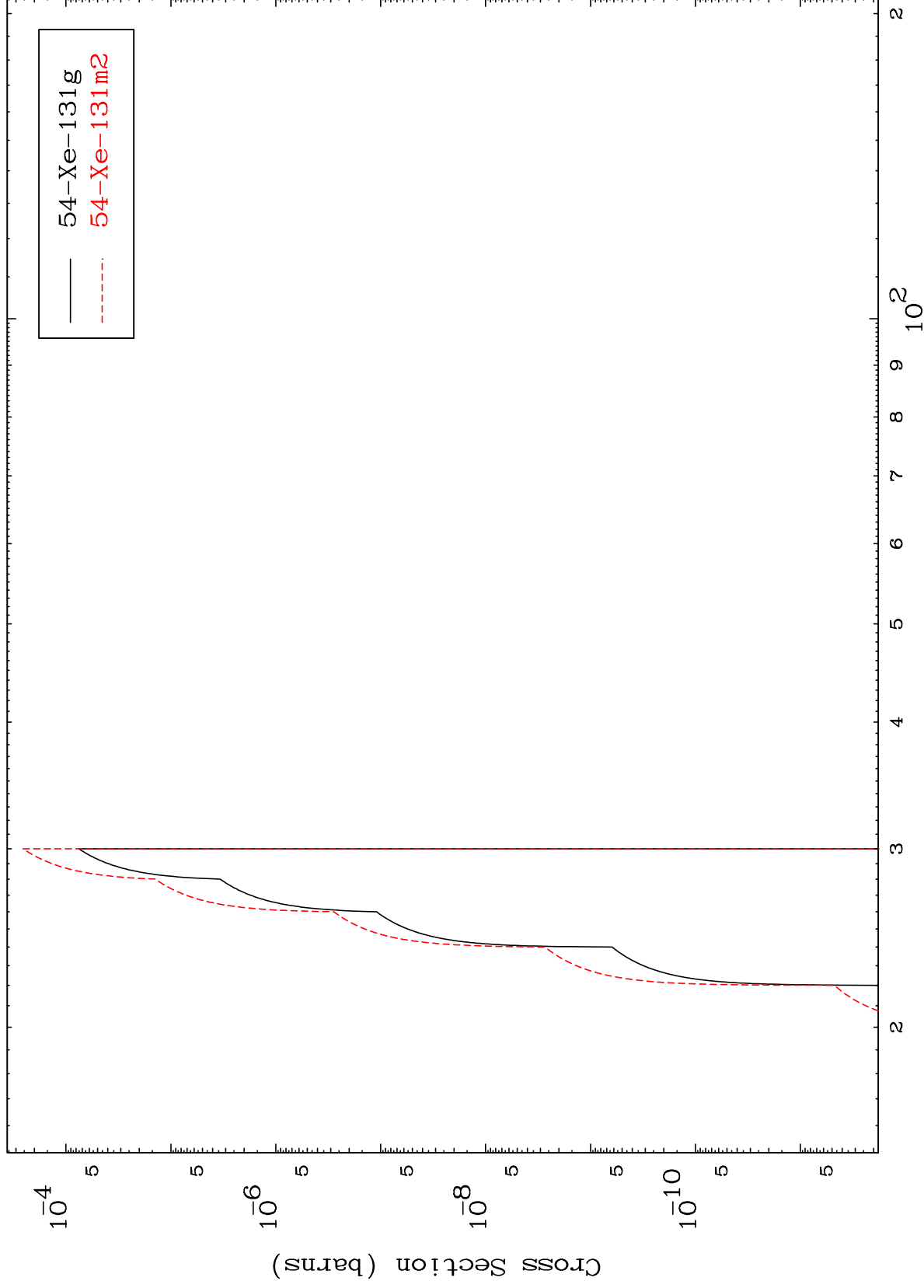
54-Xe-133

MAT 5453

$(\alpha, 2n) \alpha$

54-Xe-133

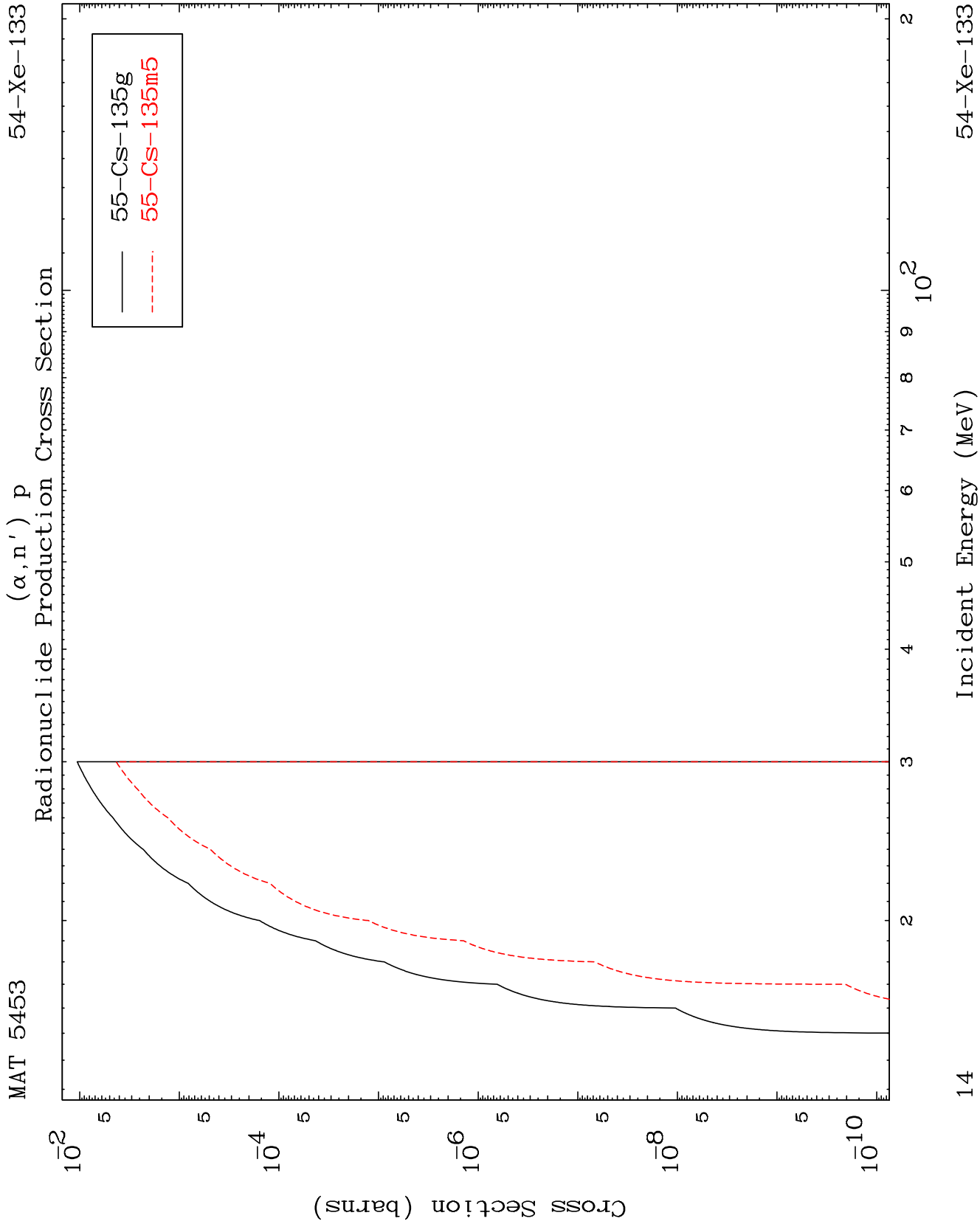
Radionuclide Production Cross Section



13

Incident Energy (MeV)

54-Xe-133

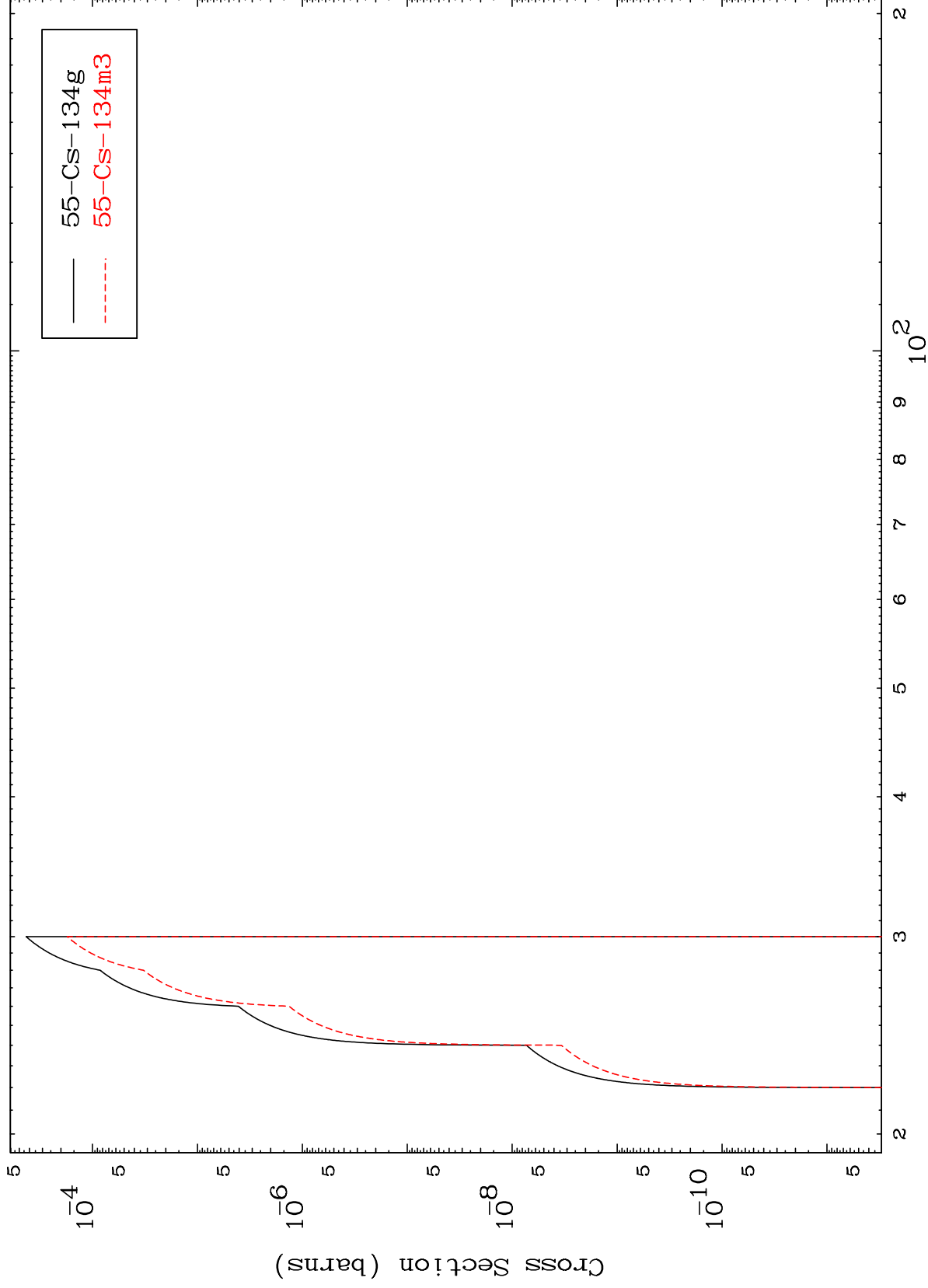


MAT 5453

(α, n') d

54-Xe-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

10^2

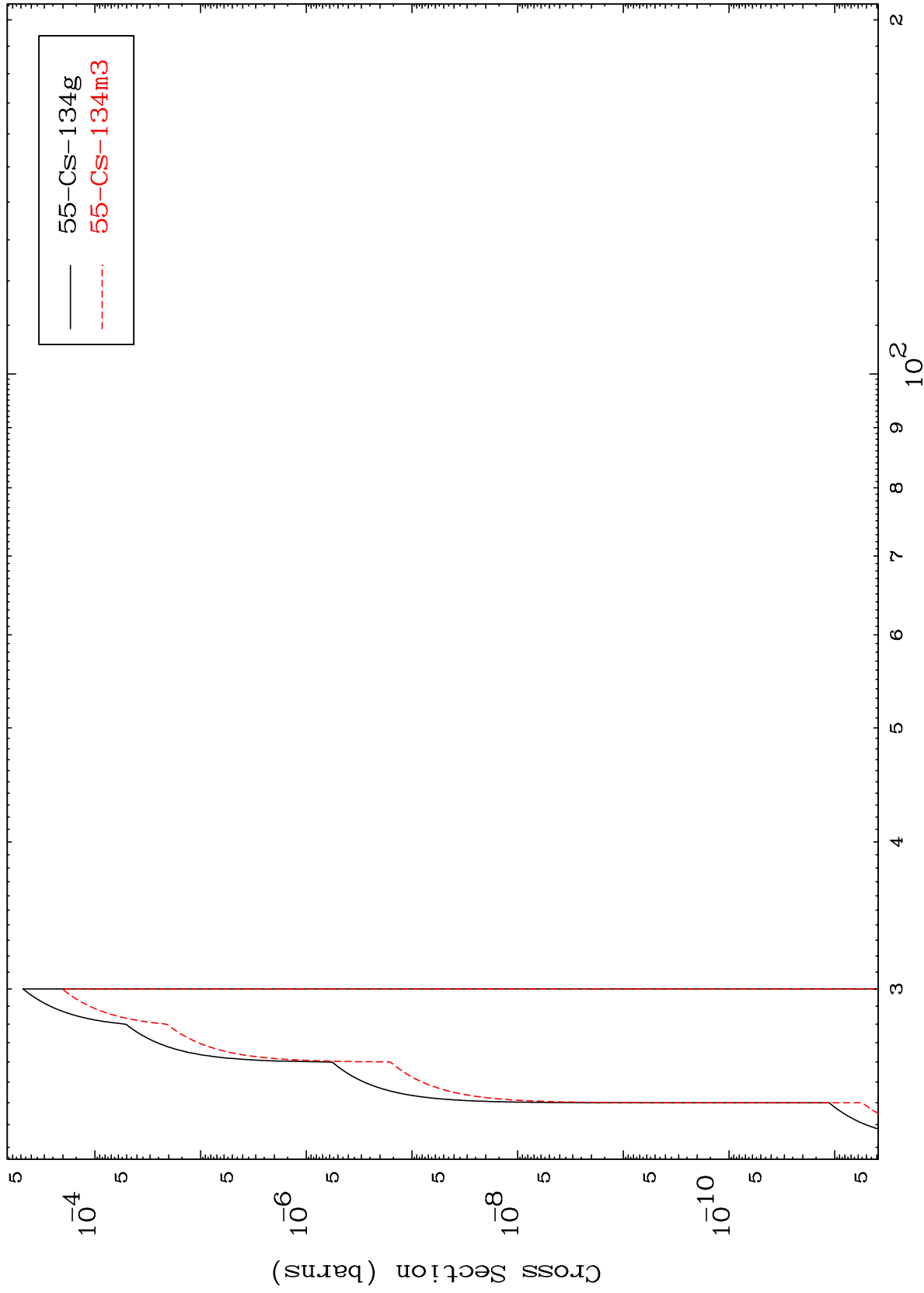
54-Xe-133

MAT 5453

$(\alpha, 2n)$ p

54-Xe-133

Radionuclide Production Cross Section



16

Incident Energy (MeV)

10^2

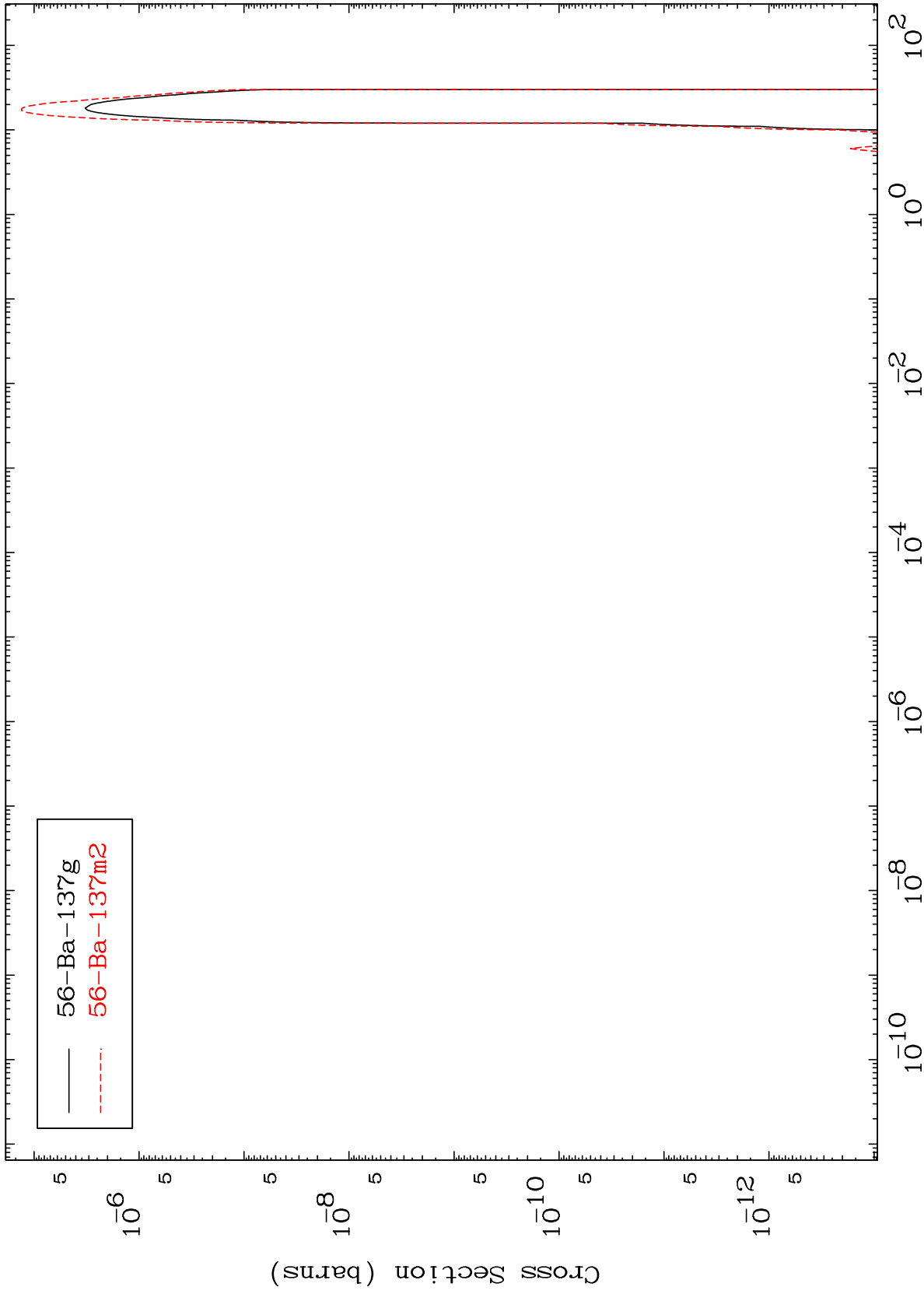
54-Xe-133

MAT 5453

(α, γ)

54-Xe-133

Radionuclide Production Cross Section



17

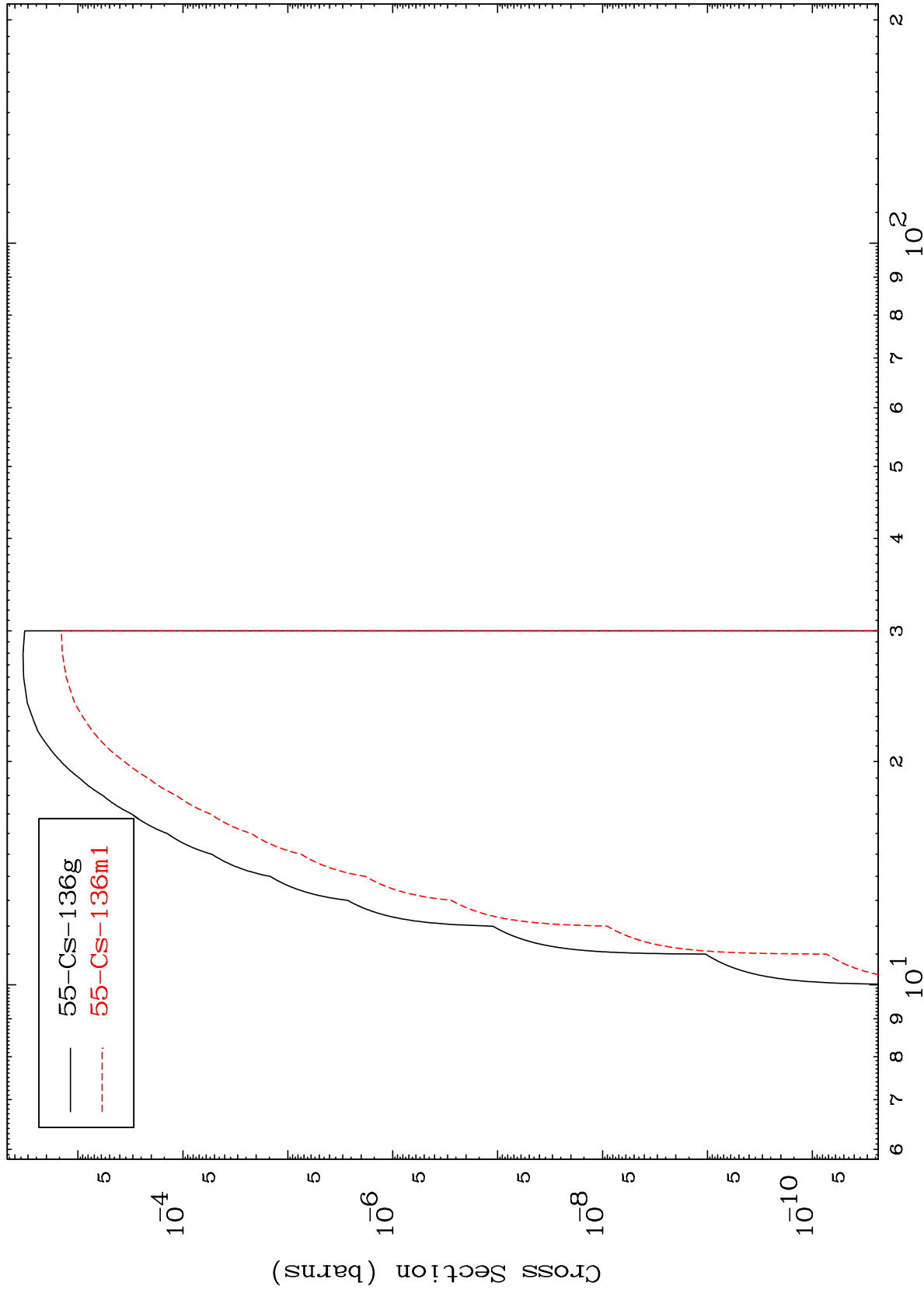
Incident Energy (MeV)

54-Xe-133

MAT 5453

54-Xe-133

(α, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-133

54-Xe-133

 (α, d) 

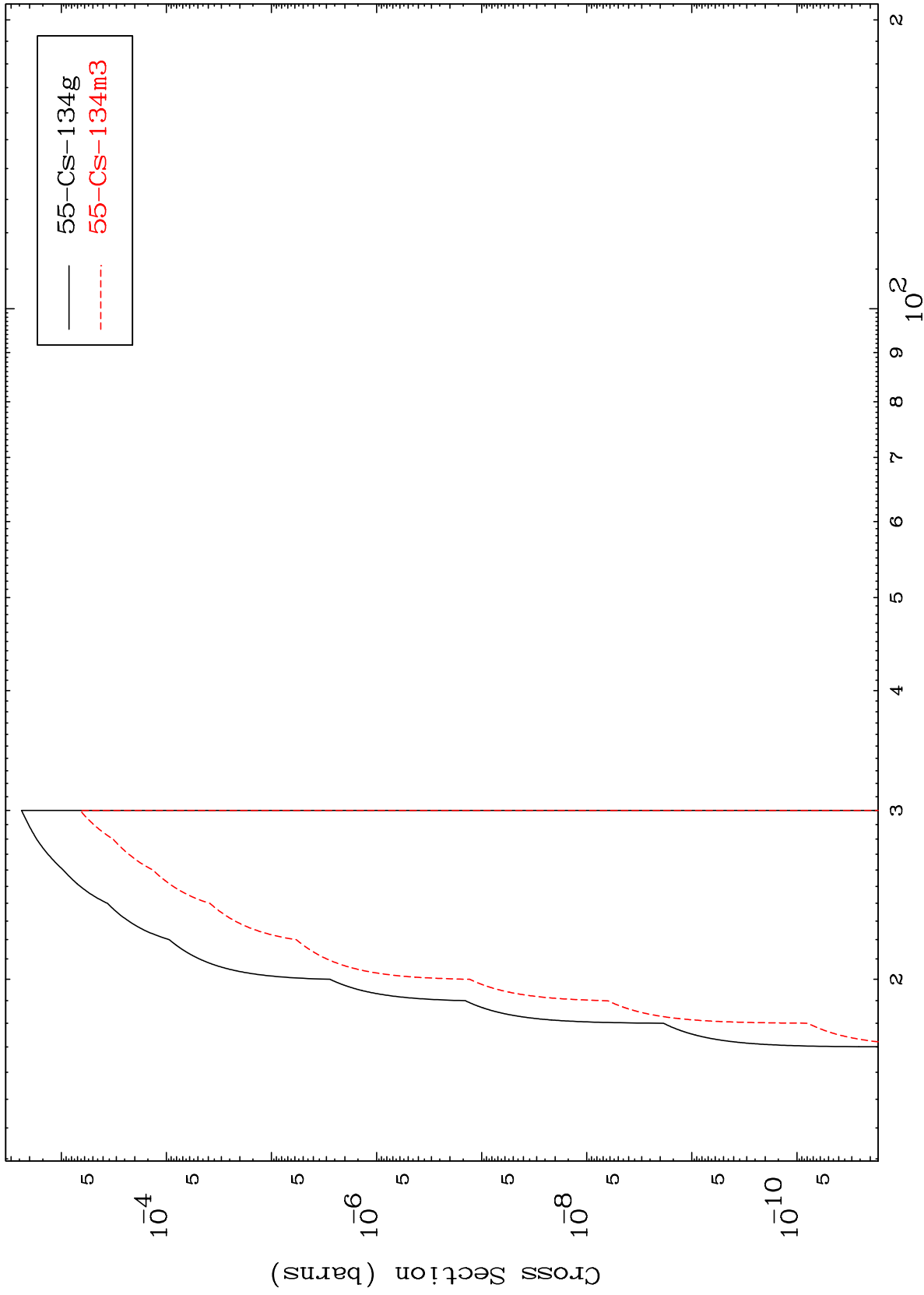
Incident Energy (MeV)

19

MAT 5453

54-Xe-133

(α, t)
Radionuclide Production Cross Section

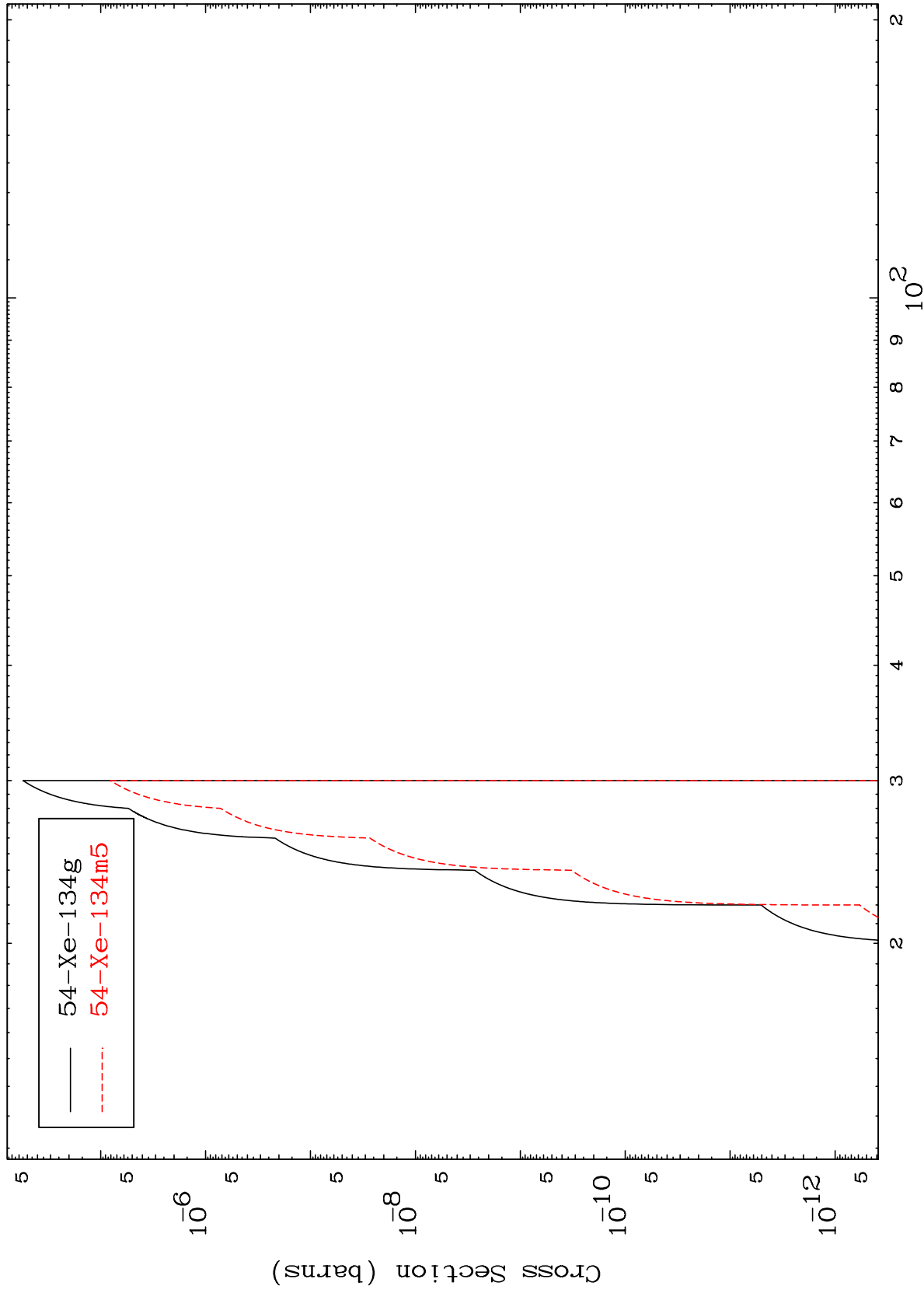


20

Incident Energy (MeV)

54-Xe-133

Radionuclide Production Cross Section

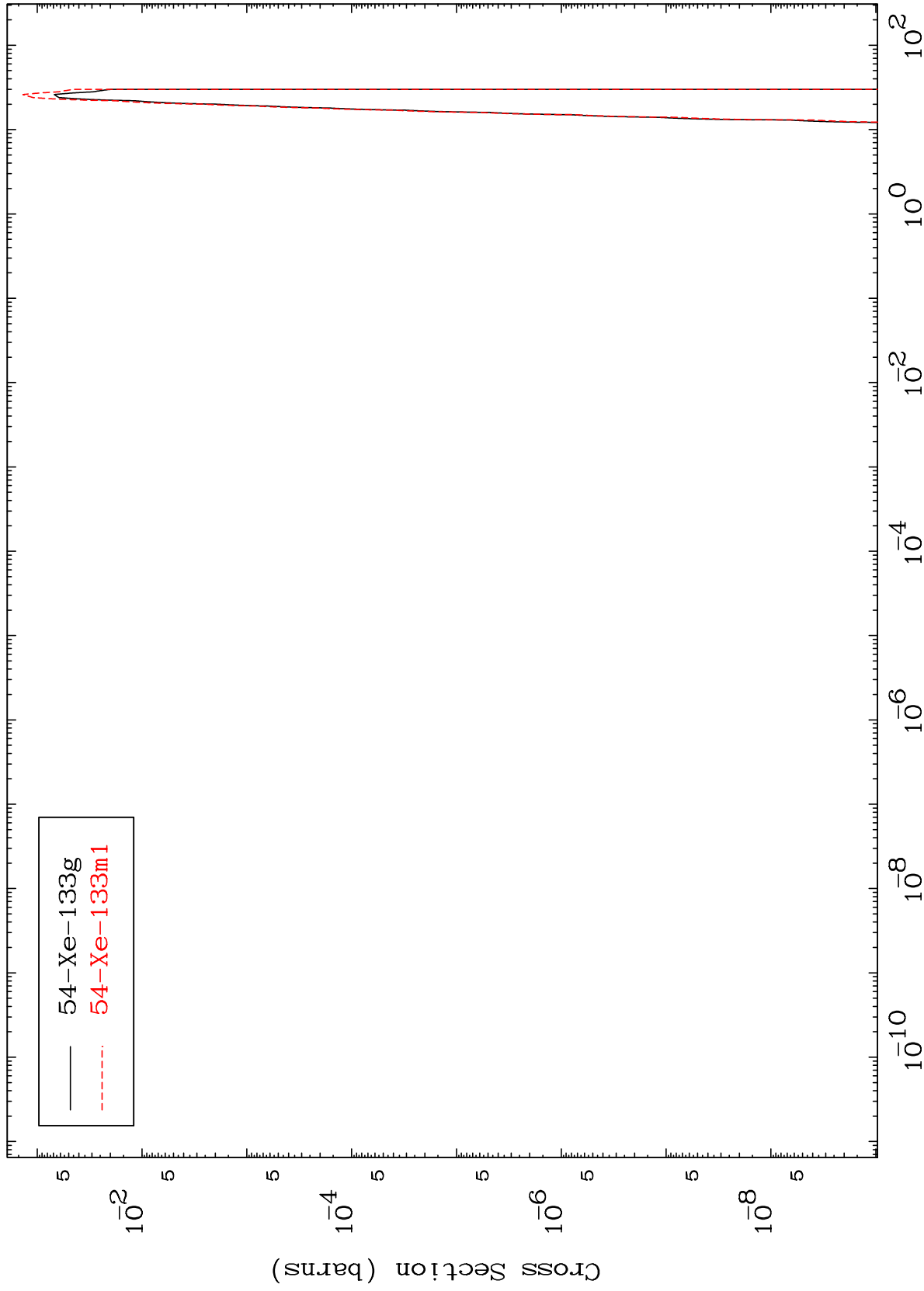


MAT 5453

(α, α)

$^{54}\text{Xe-133}$

Radionuclide Production Cross Section



22

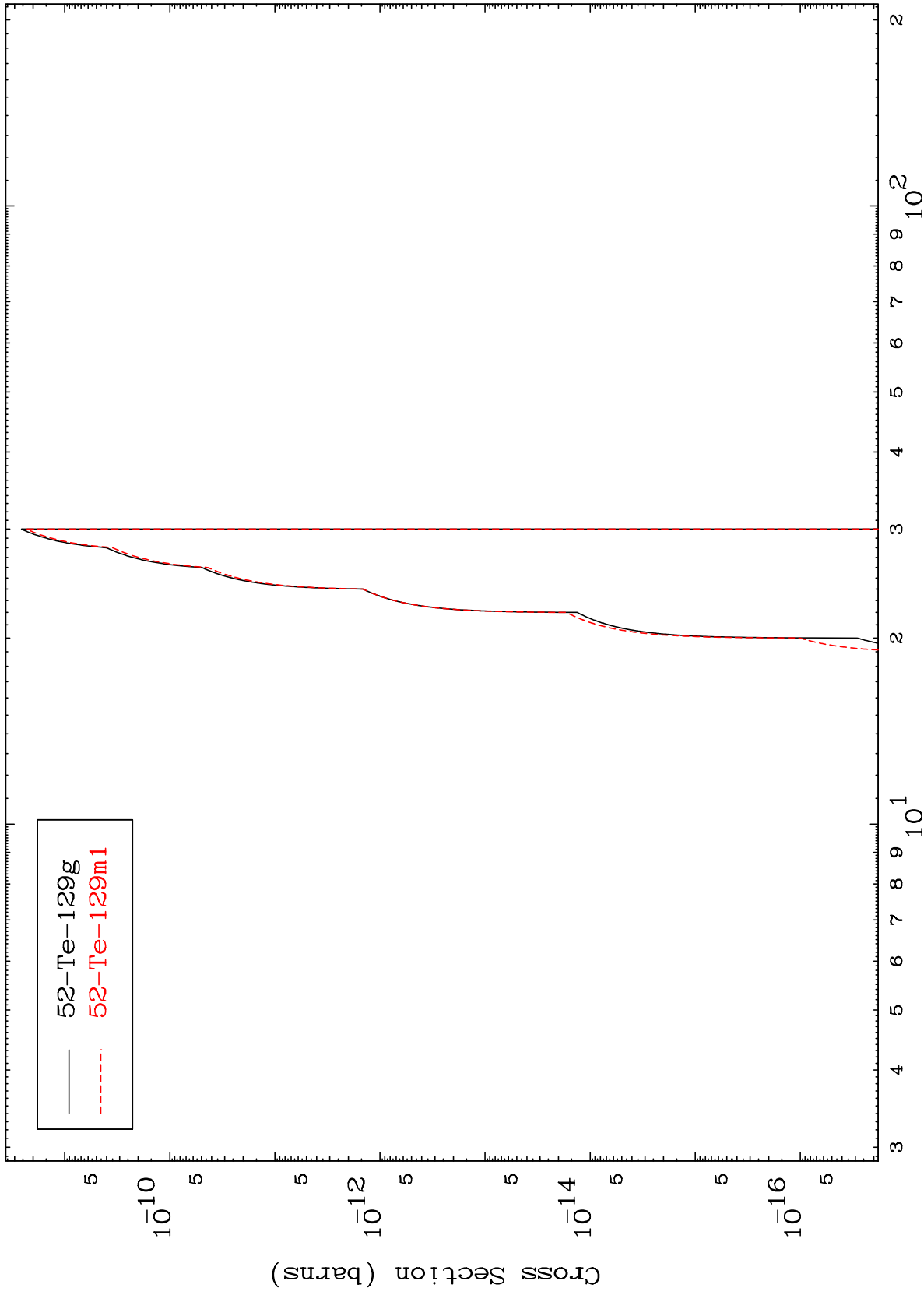
Incident Energy (MeV)

$^{54}\text{Xe-133}$

MAT 5453

54-Xe-133

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



23

Incident Energy (MeV)

54-Xe-133

