

Program EVALPLOT
(Version 2018-1)

by

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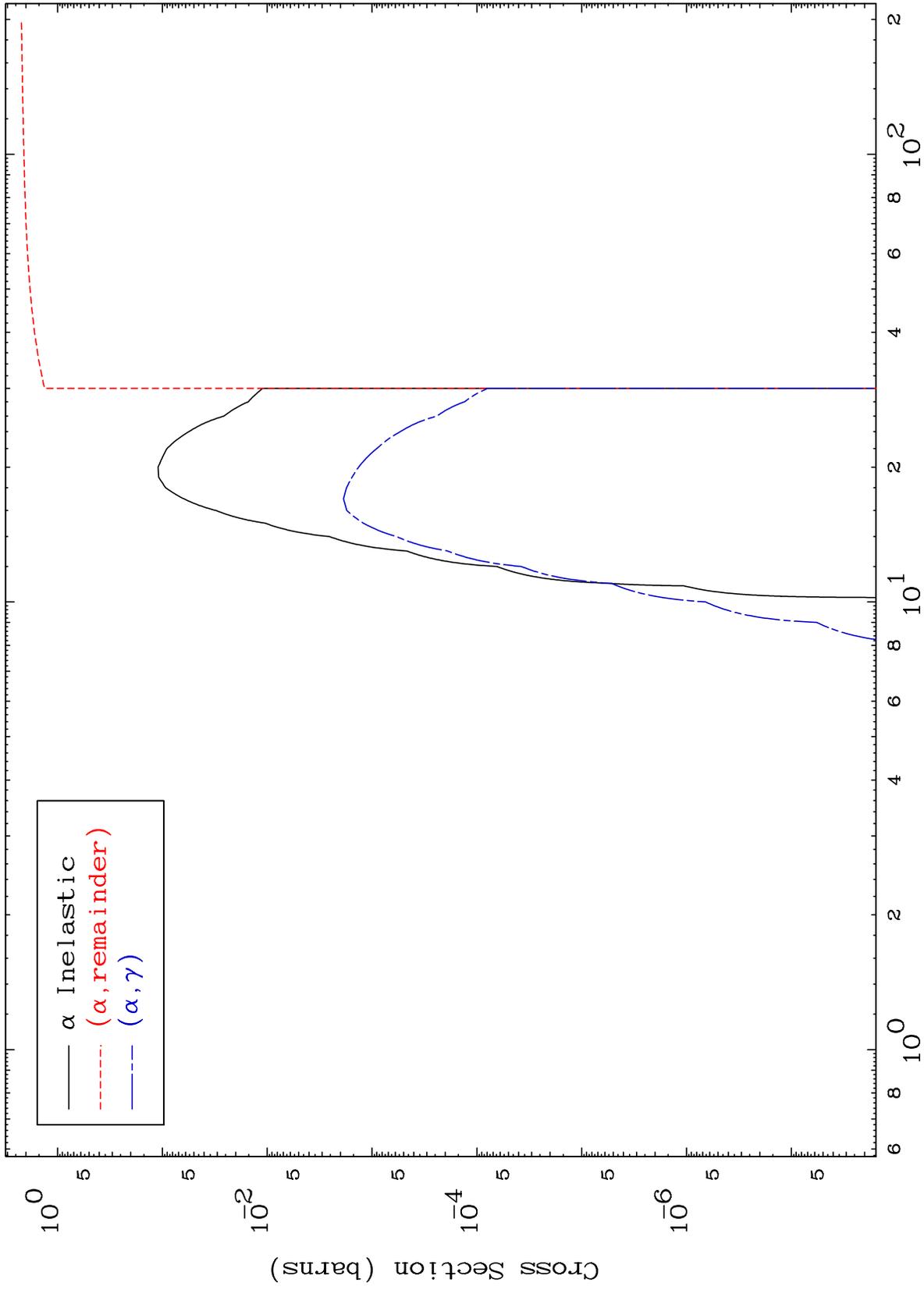
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5493

0 Kelvin α Major

55-Cs-122



1

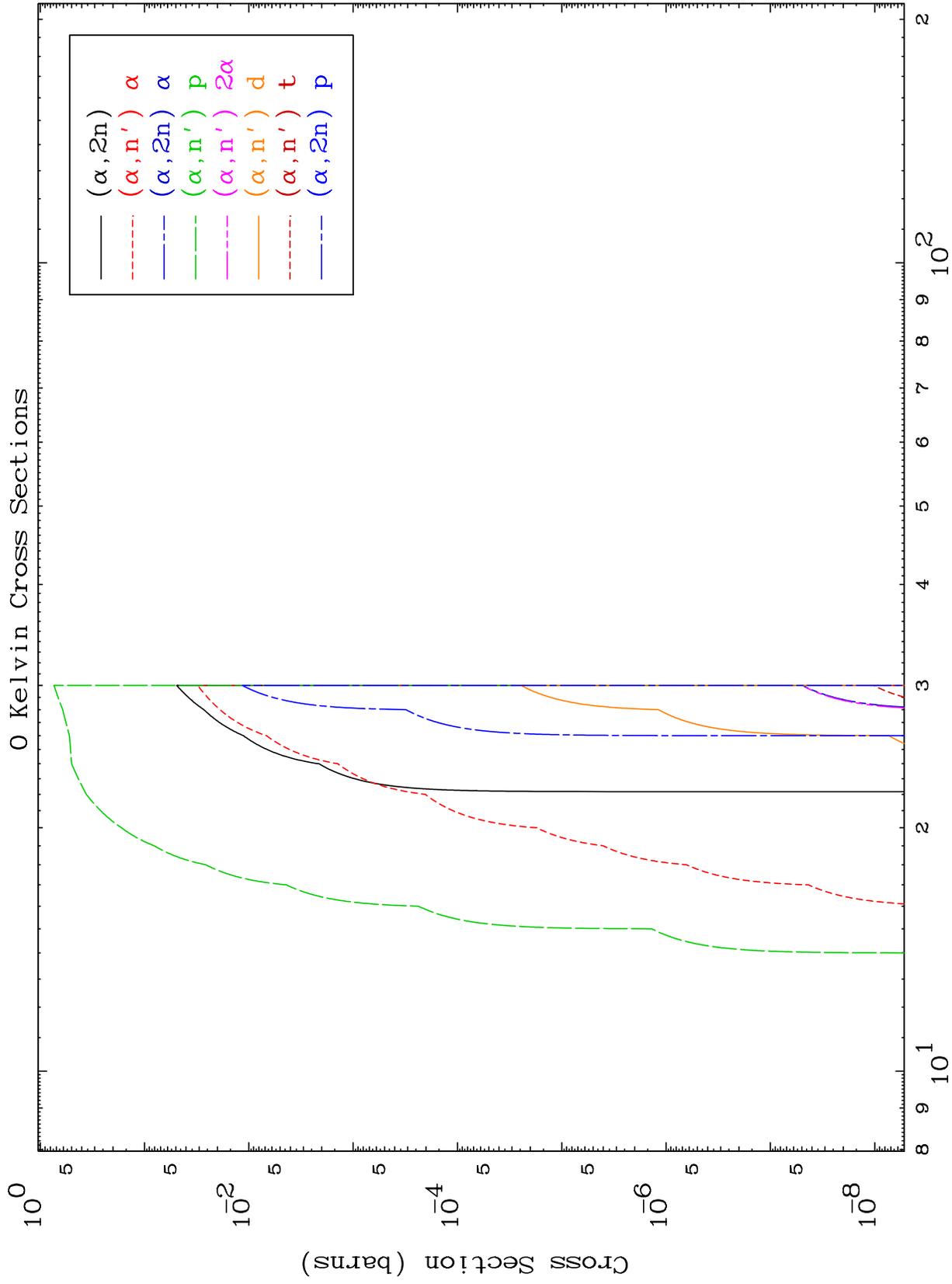
Incident Energy (MeV)

55-Cs-122

MAT 5493

α Neutron Production
0 Kelvin Cross Sections

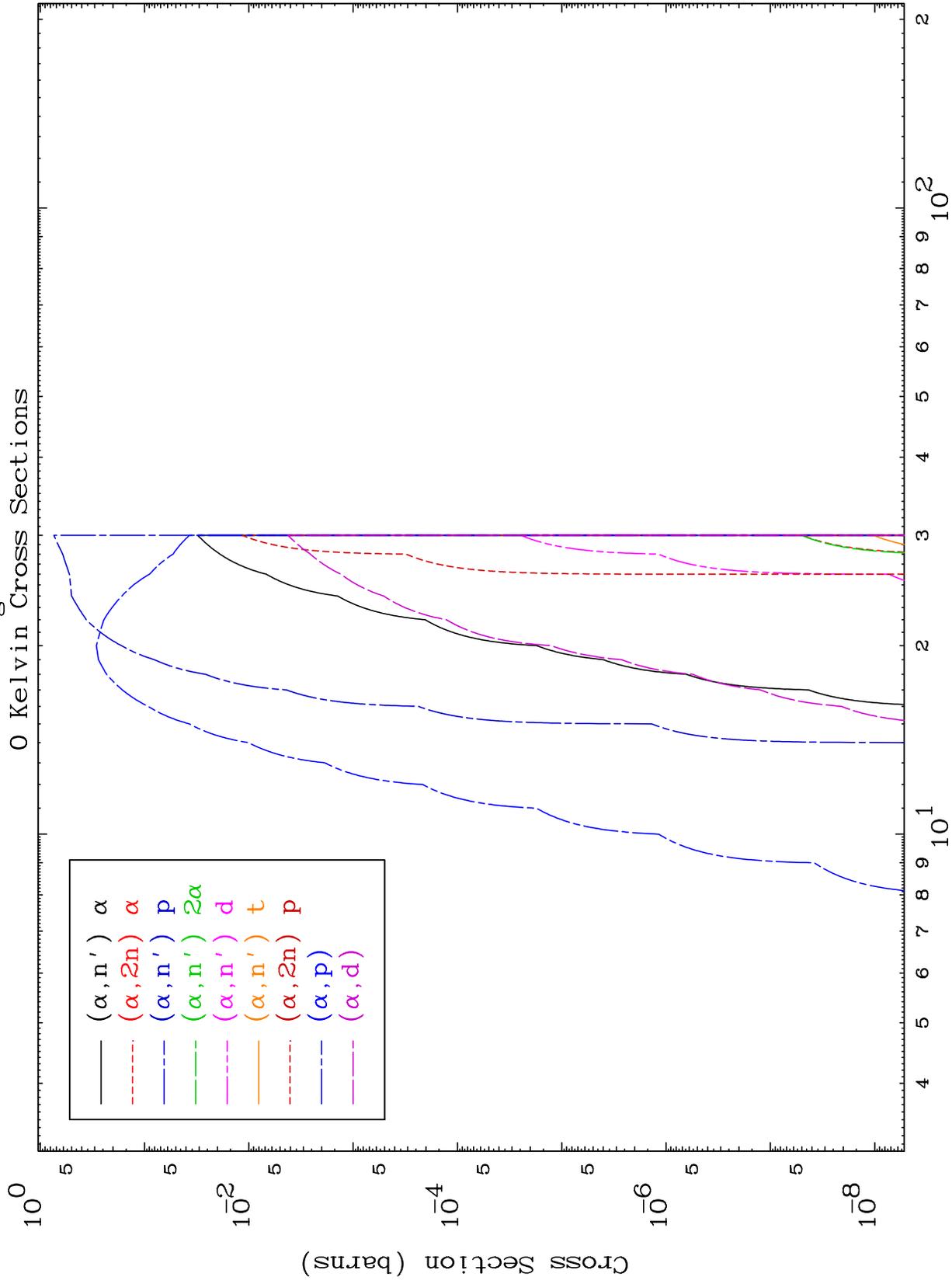
55-Cs-122



55-Cs-122

Incident Energy (MeV)

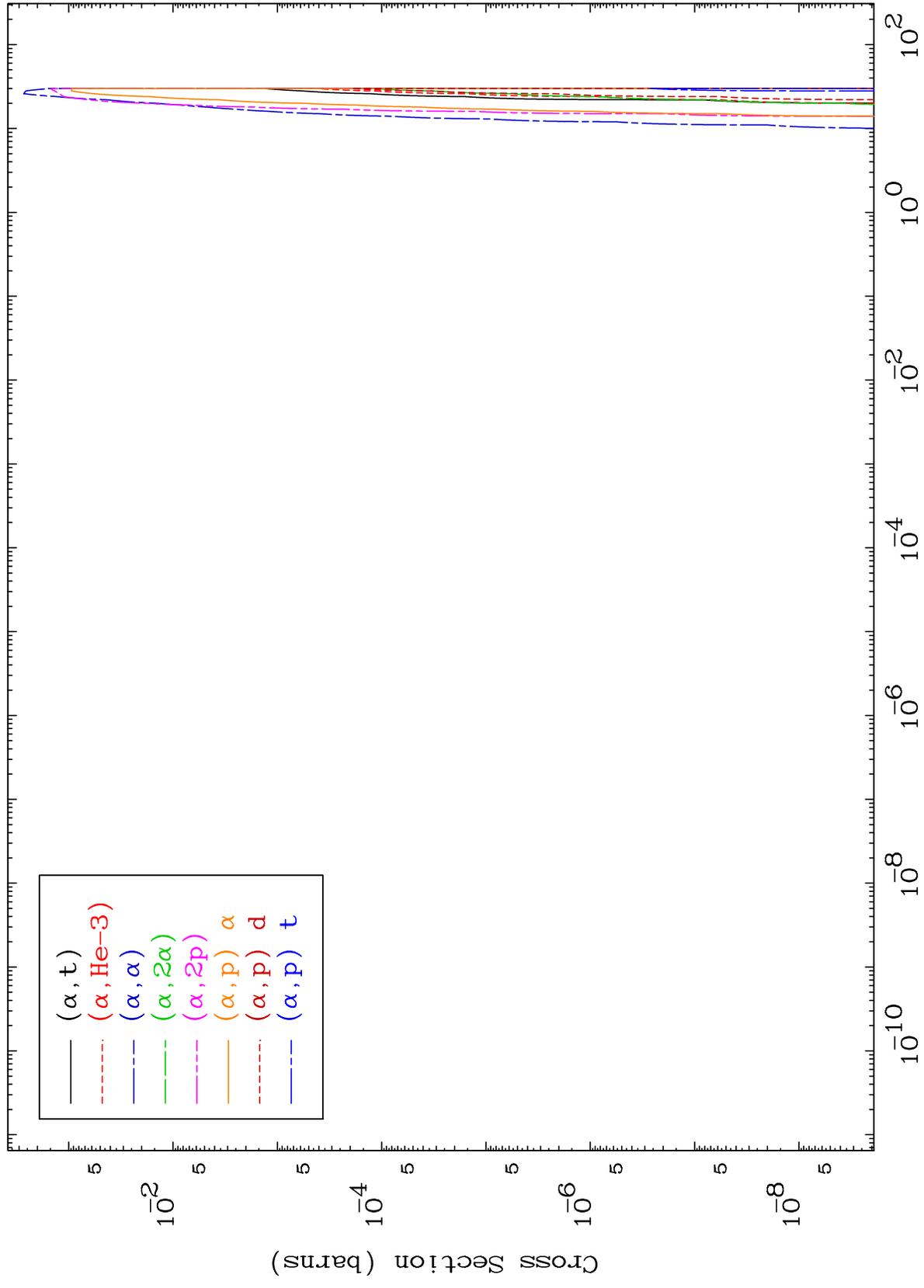
2



MAT 5493

α Charged Particle
0 Kelvin Cross Sections

55-Cs-122

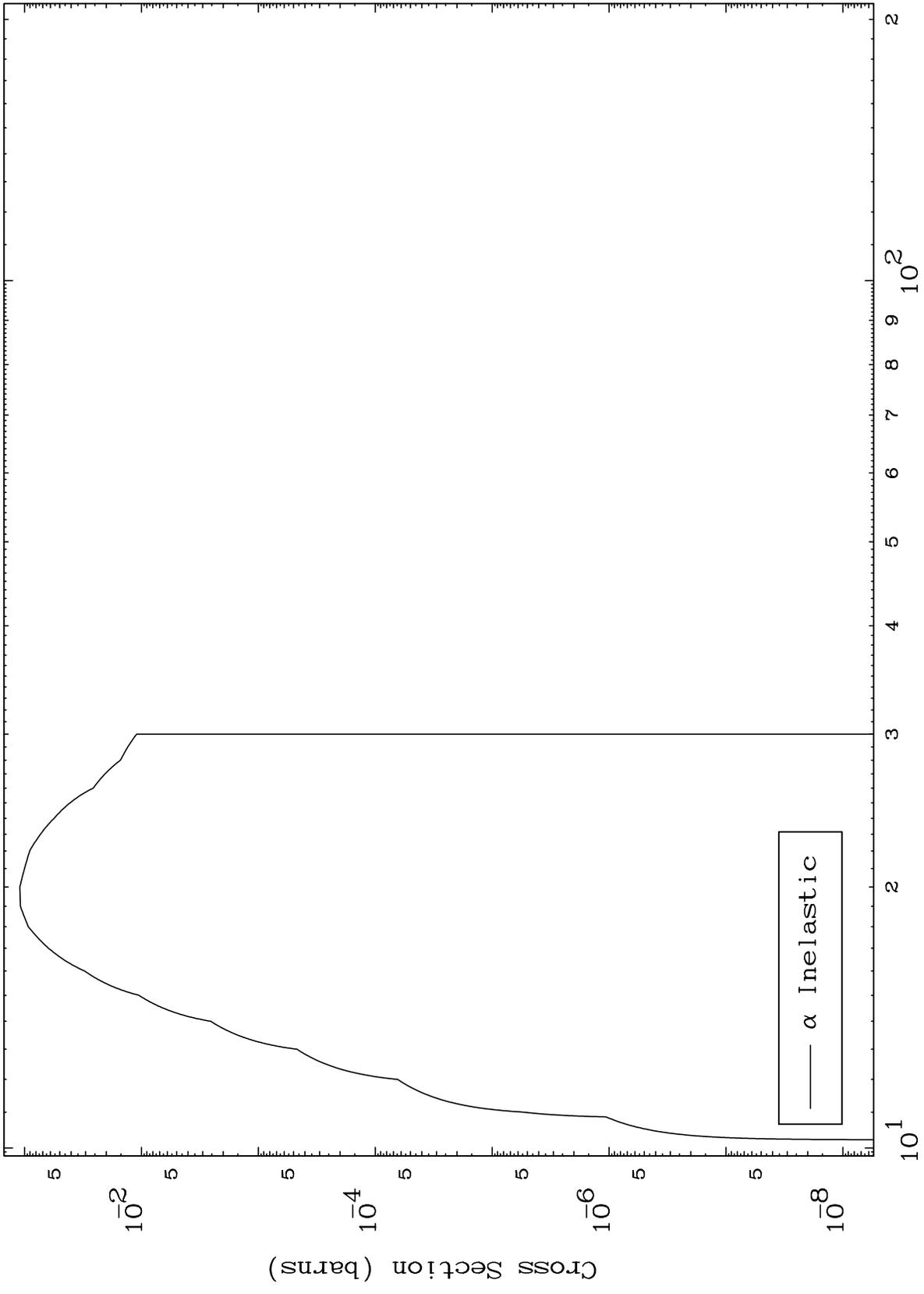


55-Cs-122

MAT 5493

(α, n') Level
0 Kelvin Cross Sections

55-Cs-122



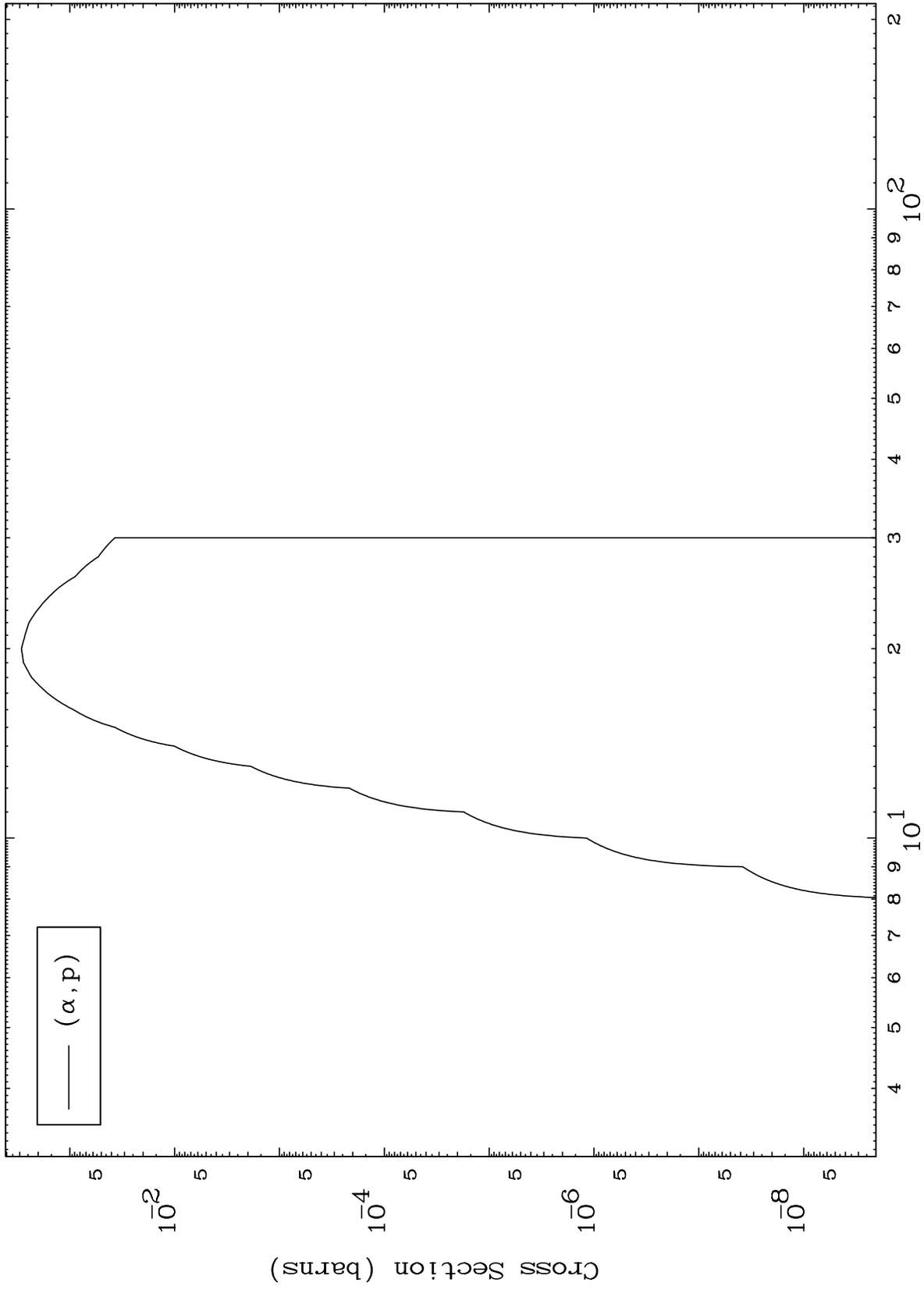
Incident Energy (MeV)

55-Cs-122

MAT 5493

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-122



6

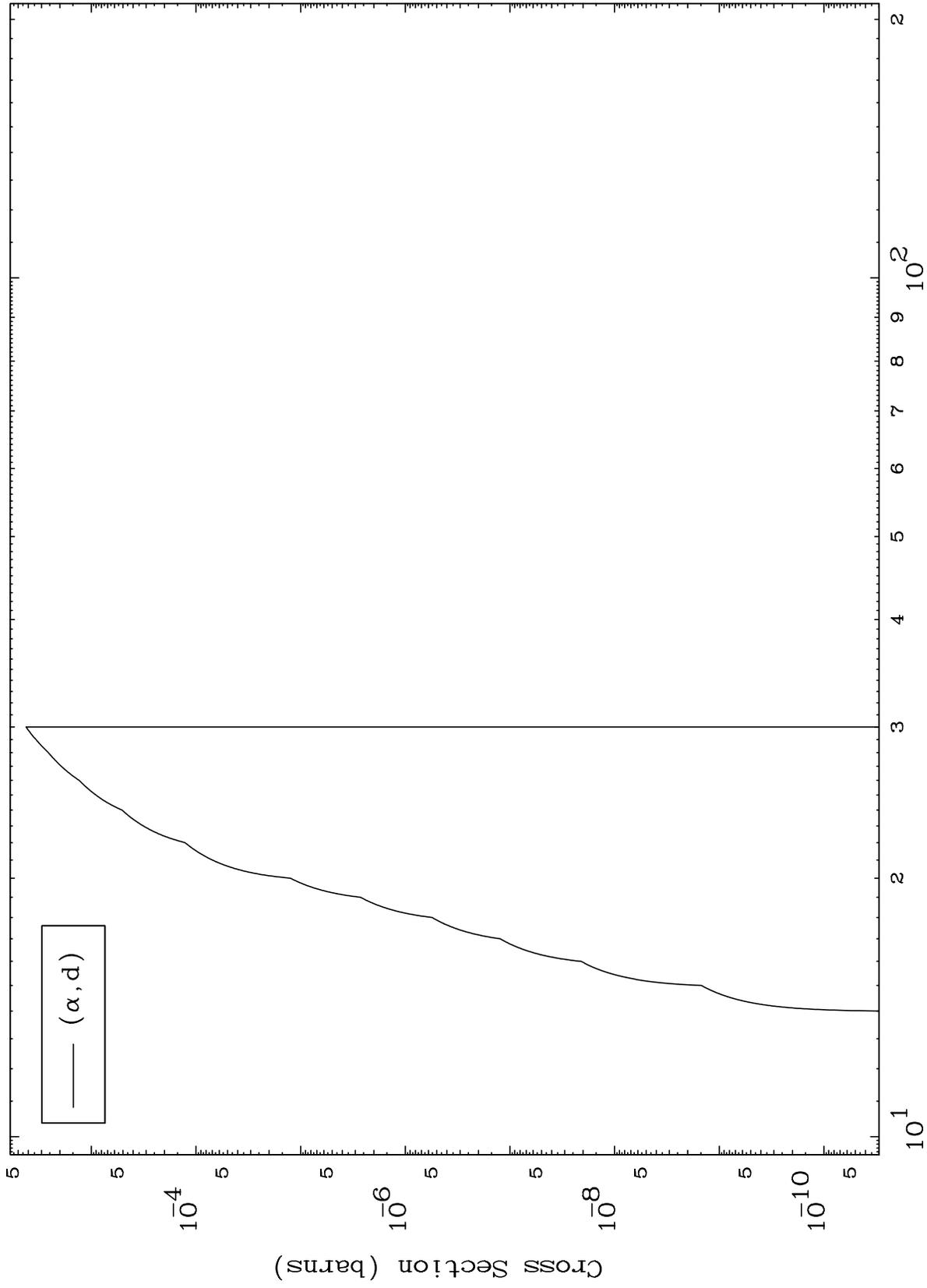
Incident Energy (MeV)

55-Cs-122

MAT 5493

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-122



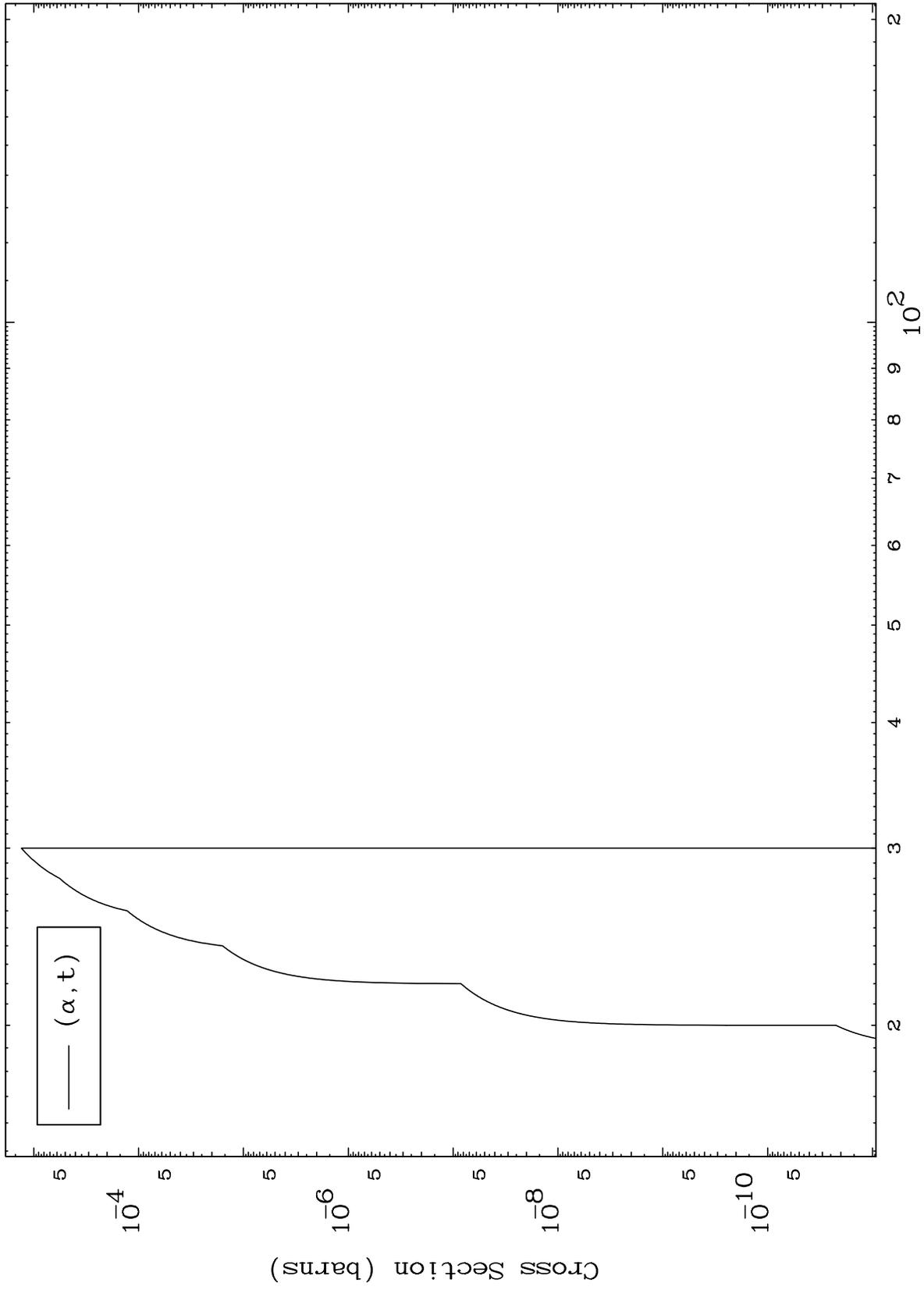
Incident Energy (MeV)

55-Cs-122

MAT 5493

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-122



8

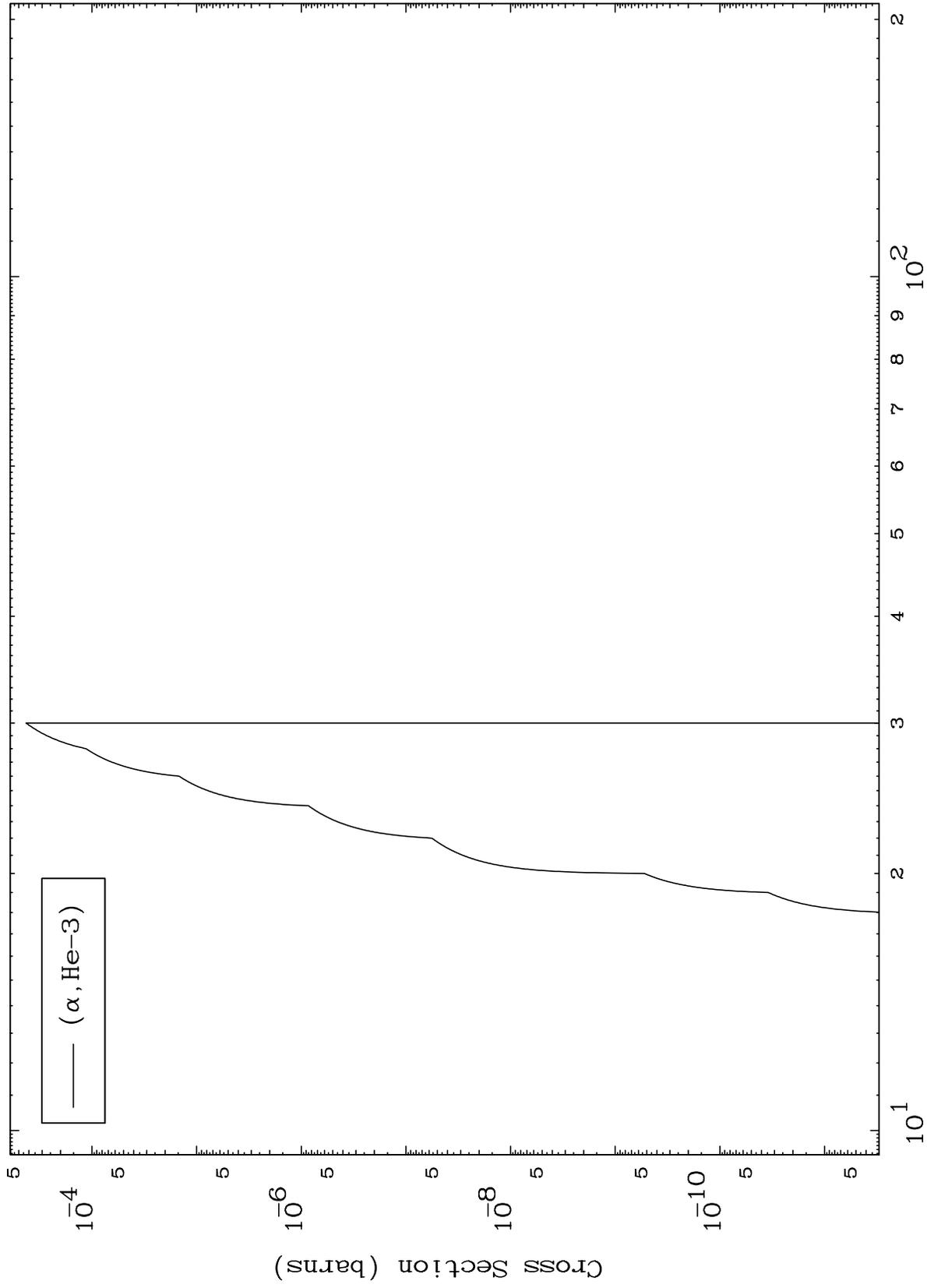
Incident Energy (MeV)

55-Cs-122

MAT 5493

(α ,He3) Levels
0 Kelvin Cross Sections

55-Cs-122



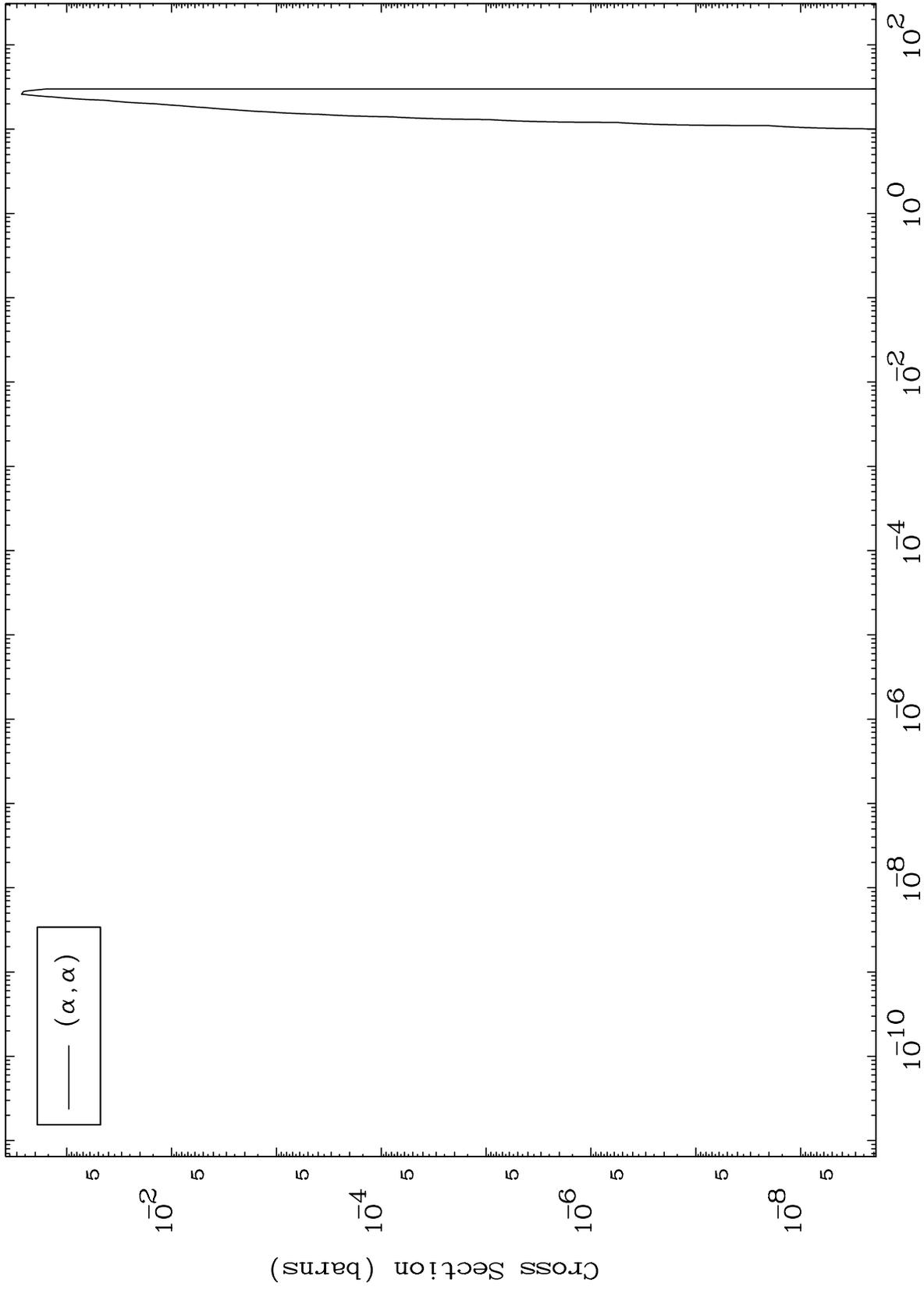
Incident Energy (MeV)

55-Cs-122

MAT 5493

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-122



10

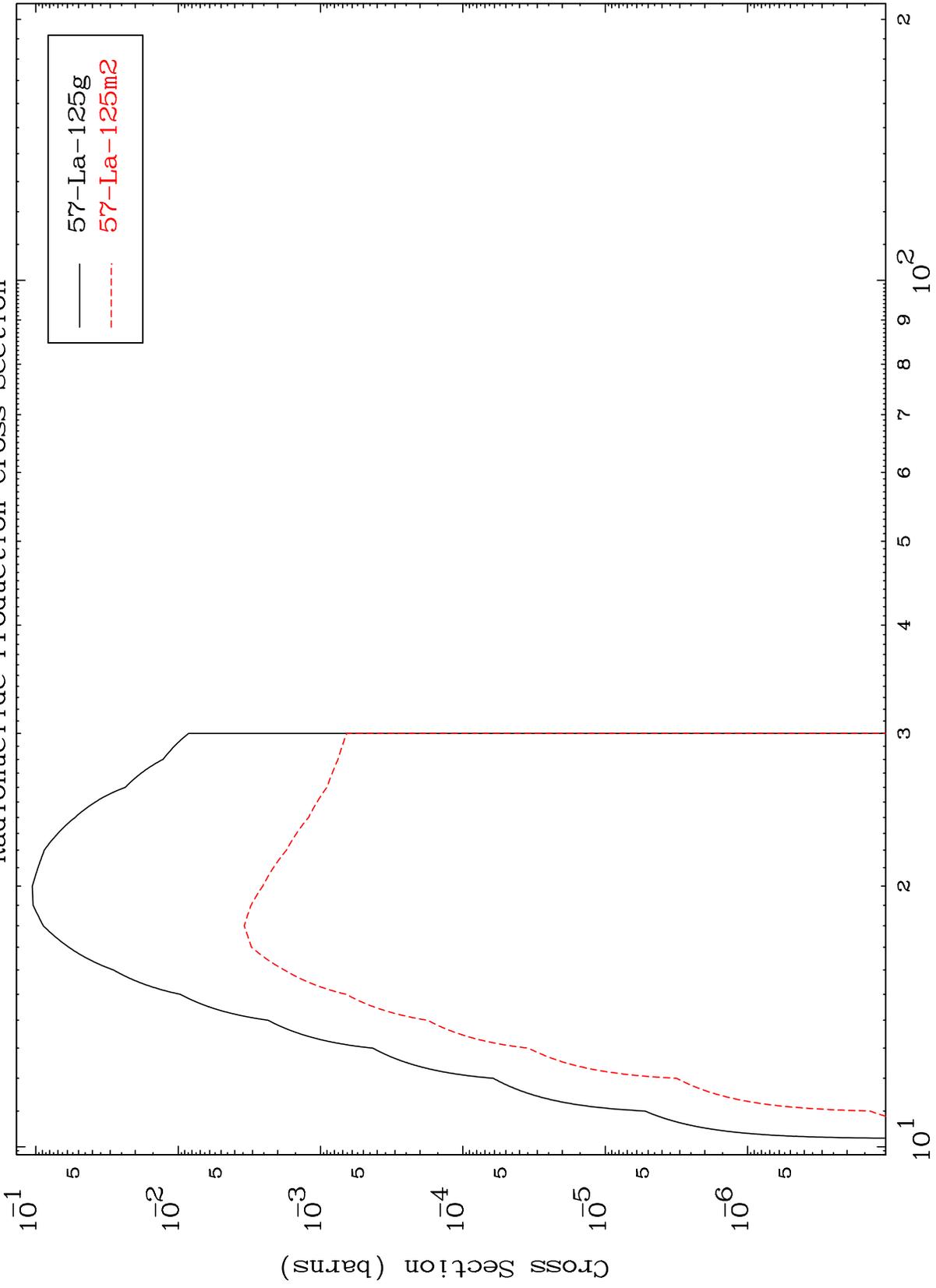
Incident Energy (MeV)

55-Cs-122

MAT 5493

α Inelastic
Radionuclide Production Cross Section

55-Cs-122



10¹

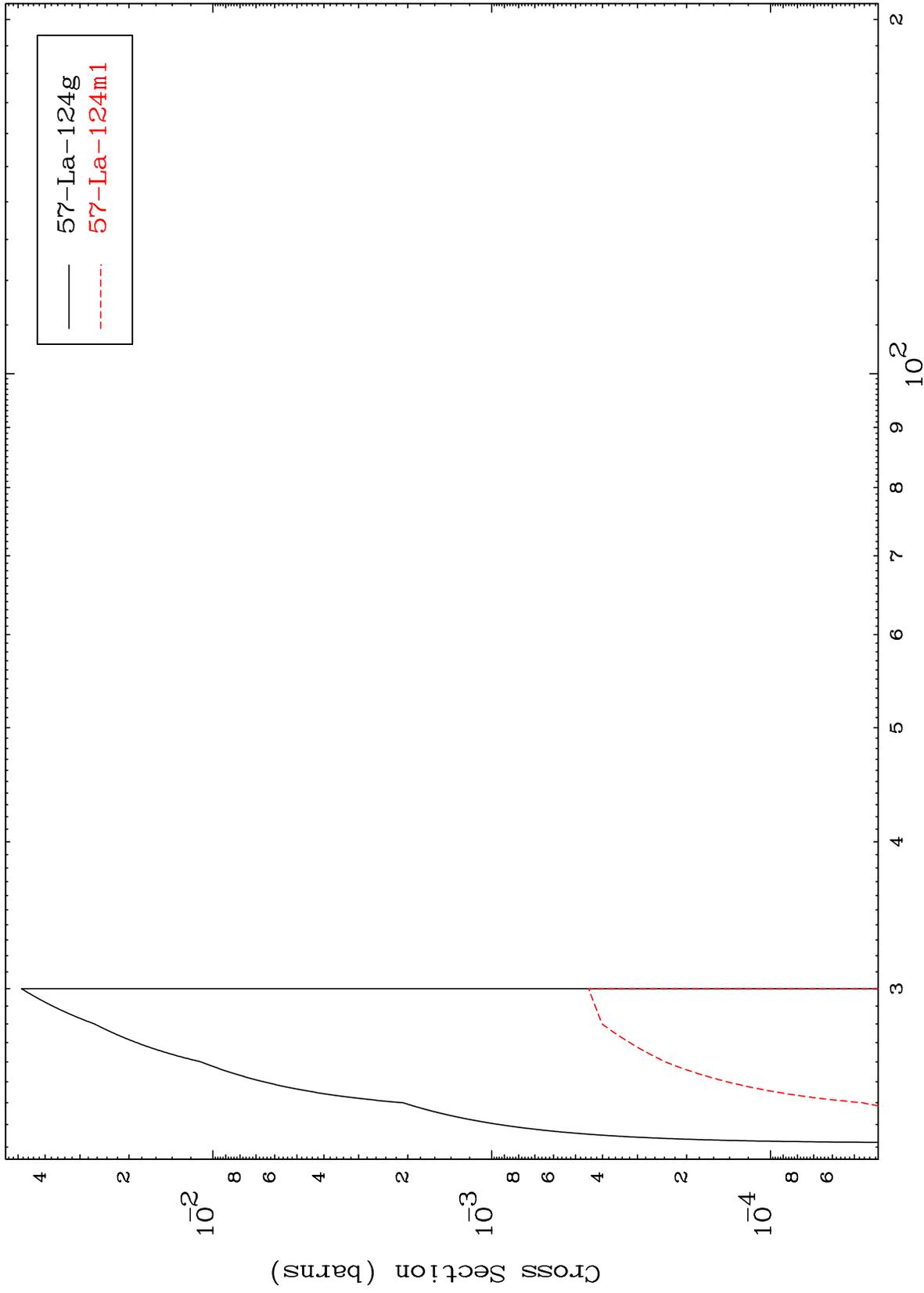
Incident Energy (MeV)

55-Cs-122

MAT 5493

55-Cs-122

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



12

Incident Energy (MeV)

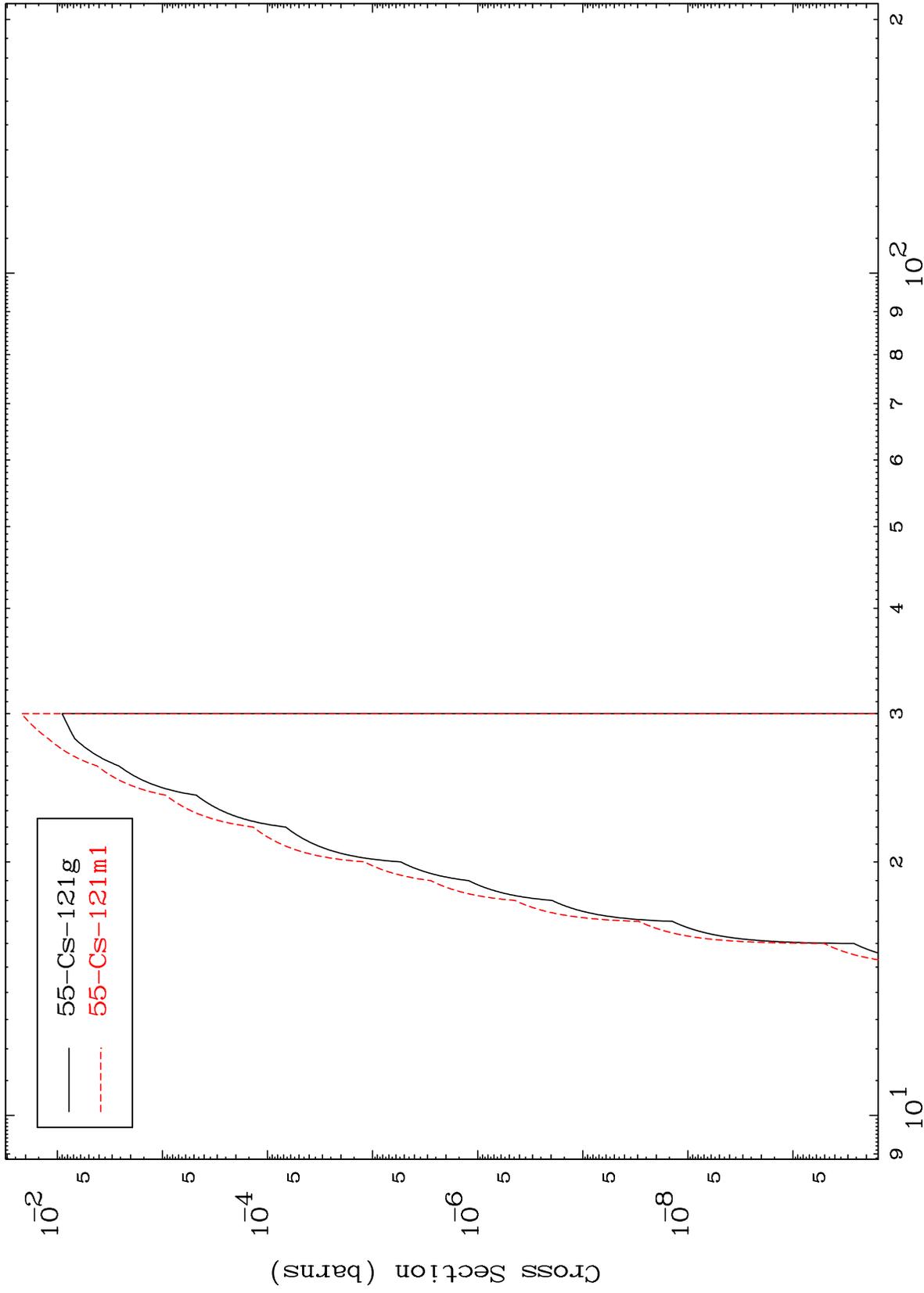
55-Cs-122

MAT 5493

(α, n') α

55-Cs-122

Radionuclide Production Cross Section



55-Cs-121g
55-Cs-121m1

13

Incident Energy (MeV)

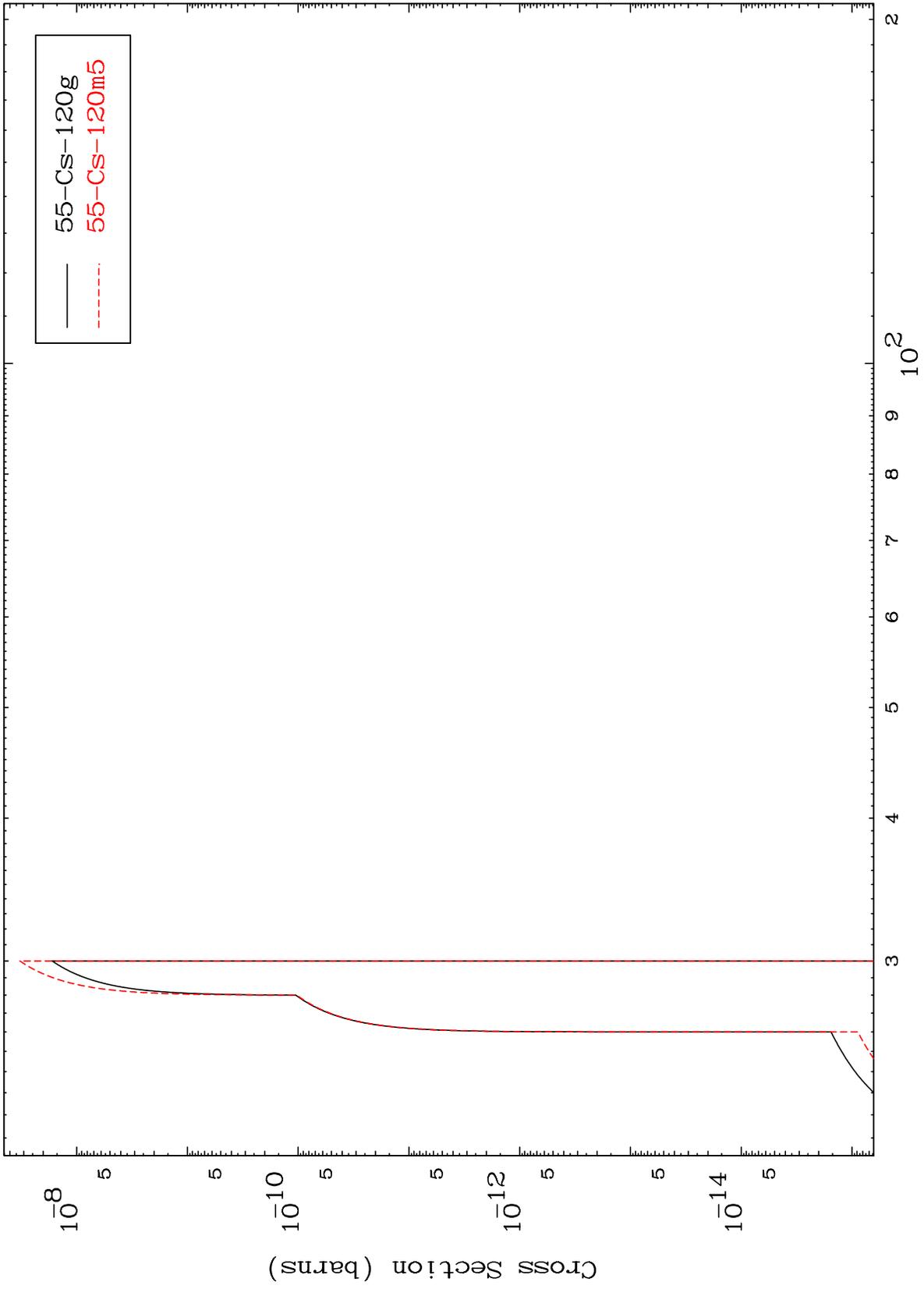
55-Cs-122

MAT 5493

$(\alpha, 2n) \alpha$

55-Cs-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

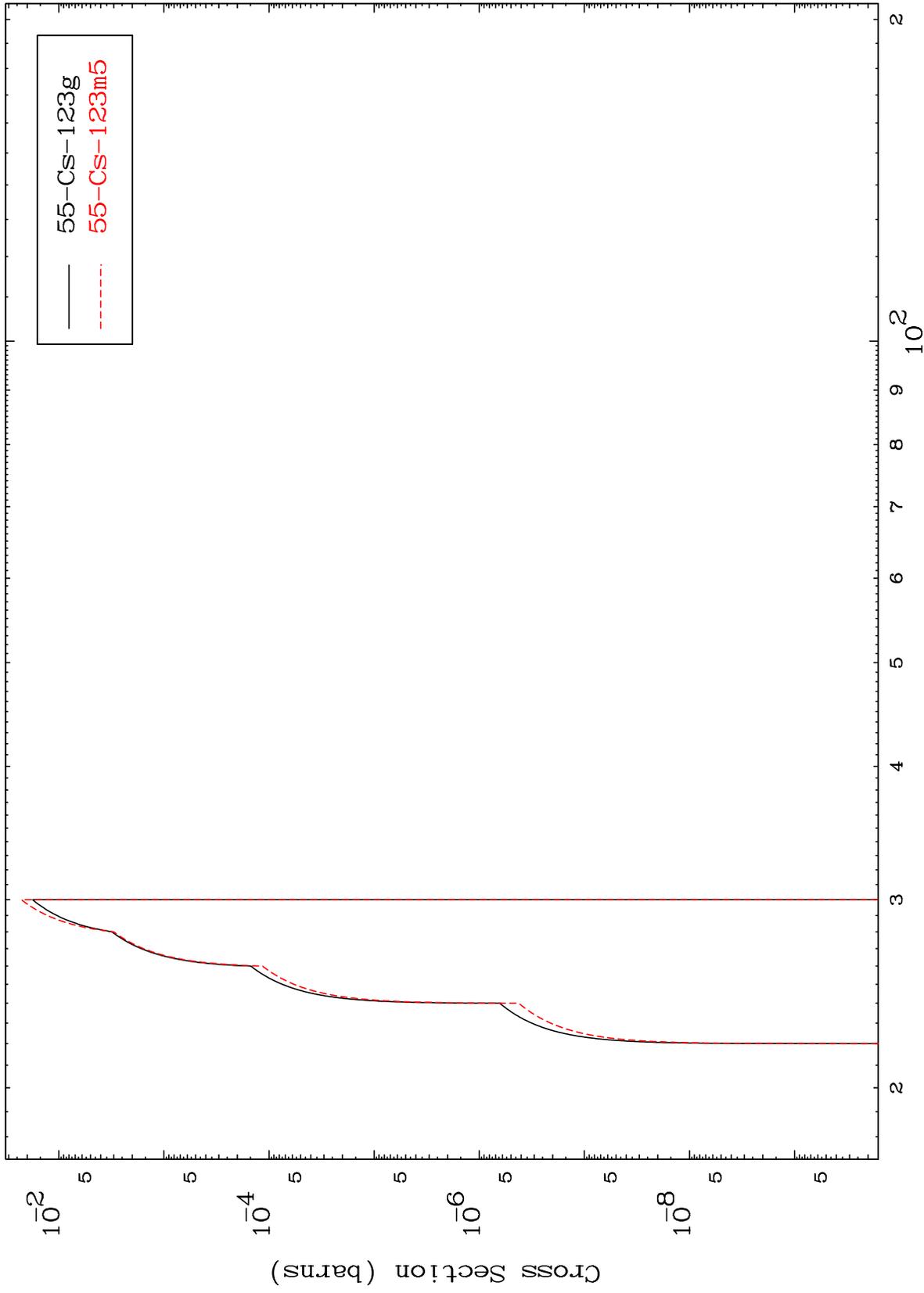
55-Cs-122

MAT 5493

($\alpha, 2n$) p

55-Cs-122

Radionuclide Production Cross Section



15

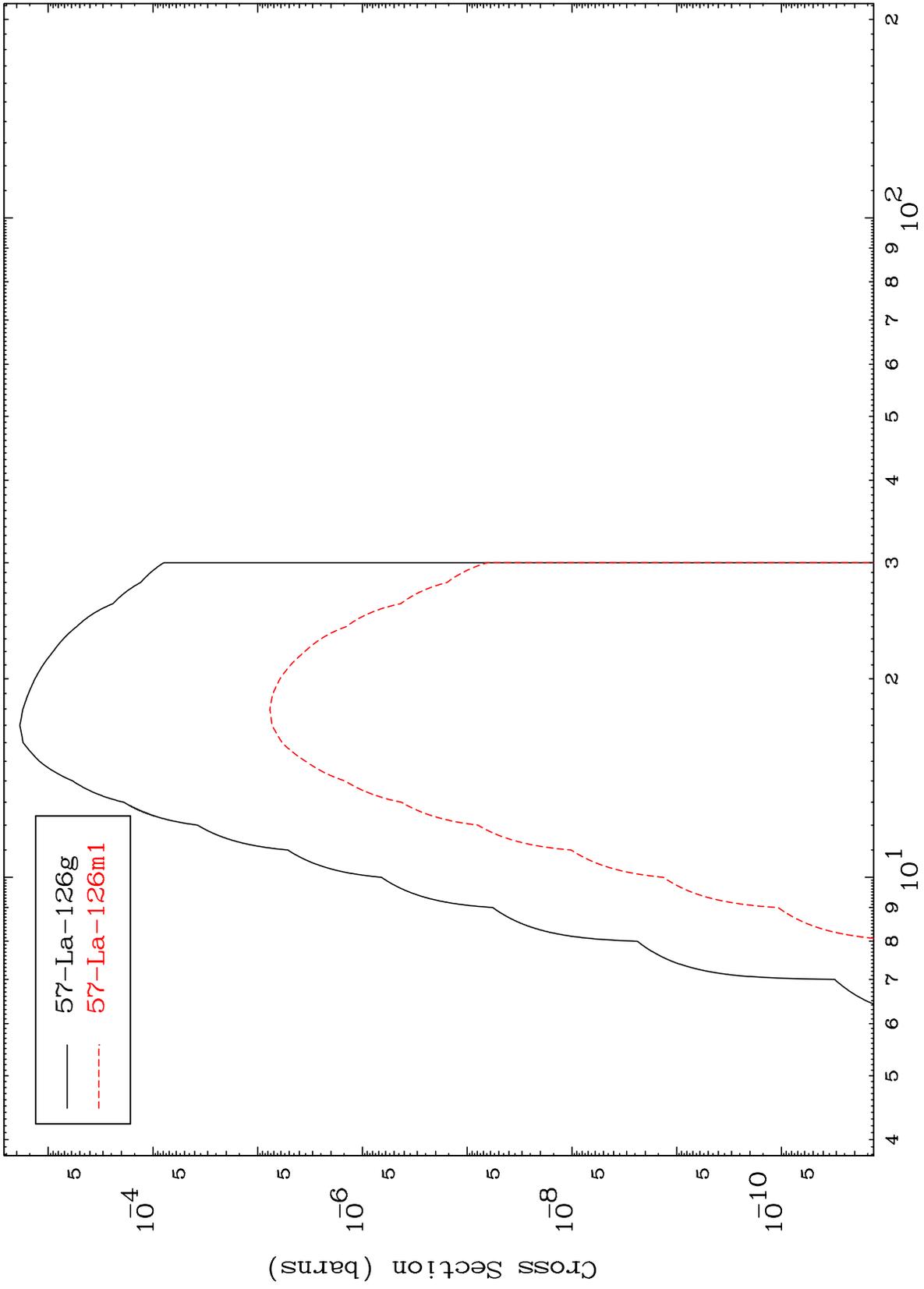
Incident Energy (MeV)

55-Cs-122

MAT 5493

Radionuclide Production Cross Section
(α, γ)

55-Cs-122



16

Incident Energy (MeV)

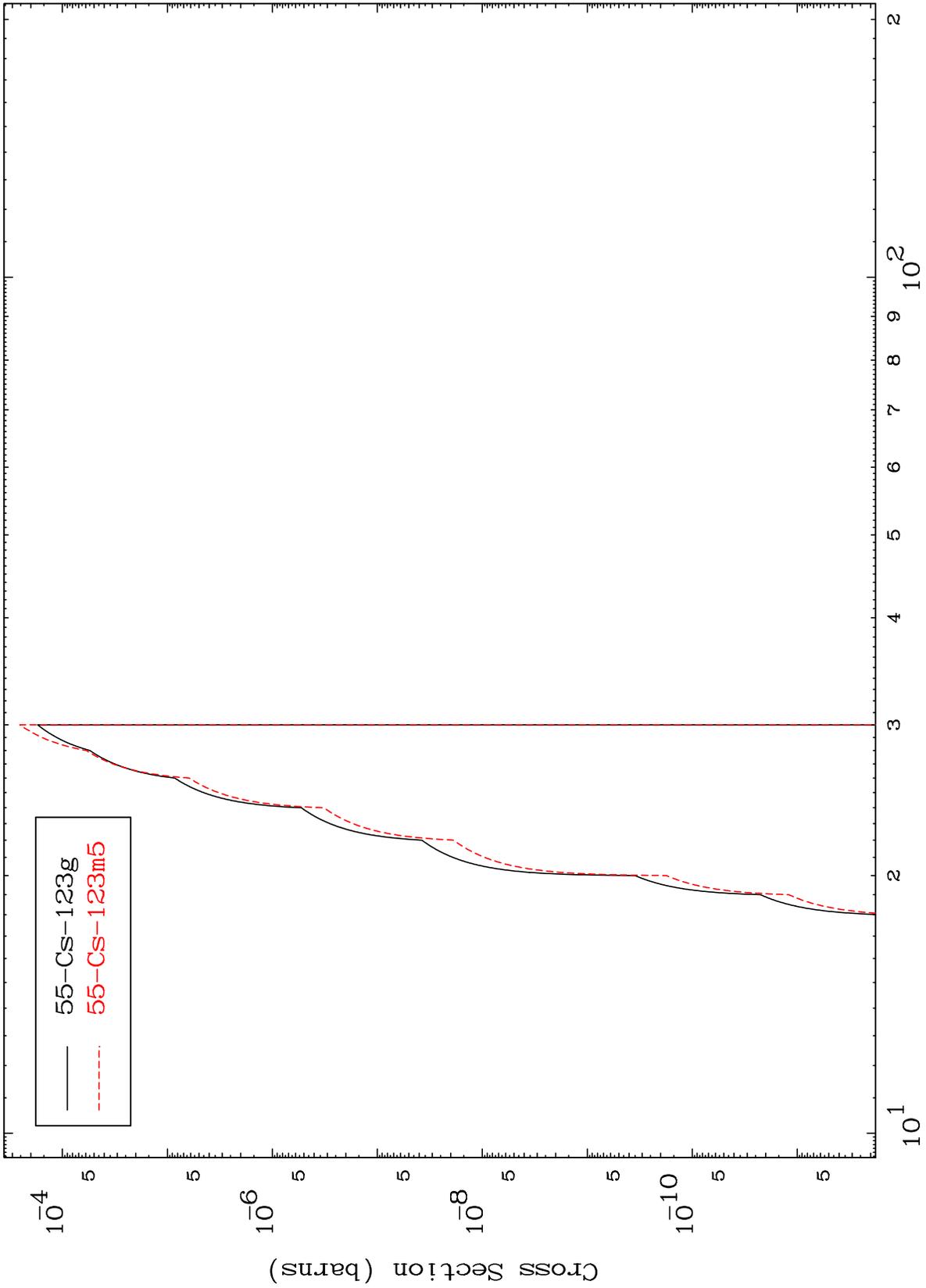
55-Cs-122

MAT 5493

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

55-Cs-122

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

17

Incident Energy (MeV)

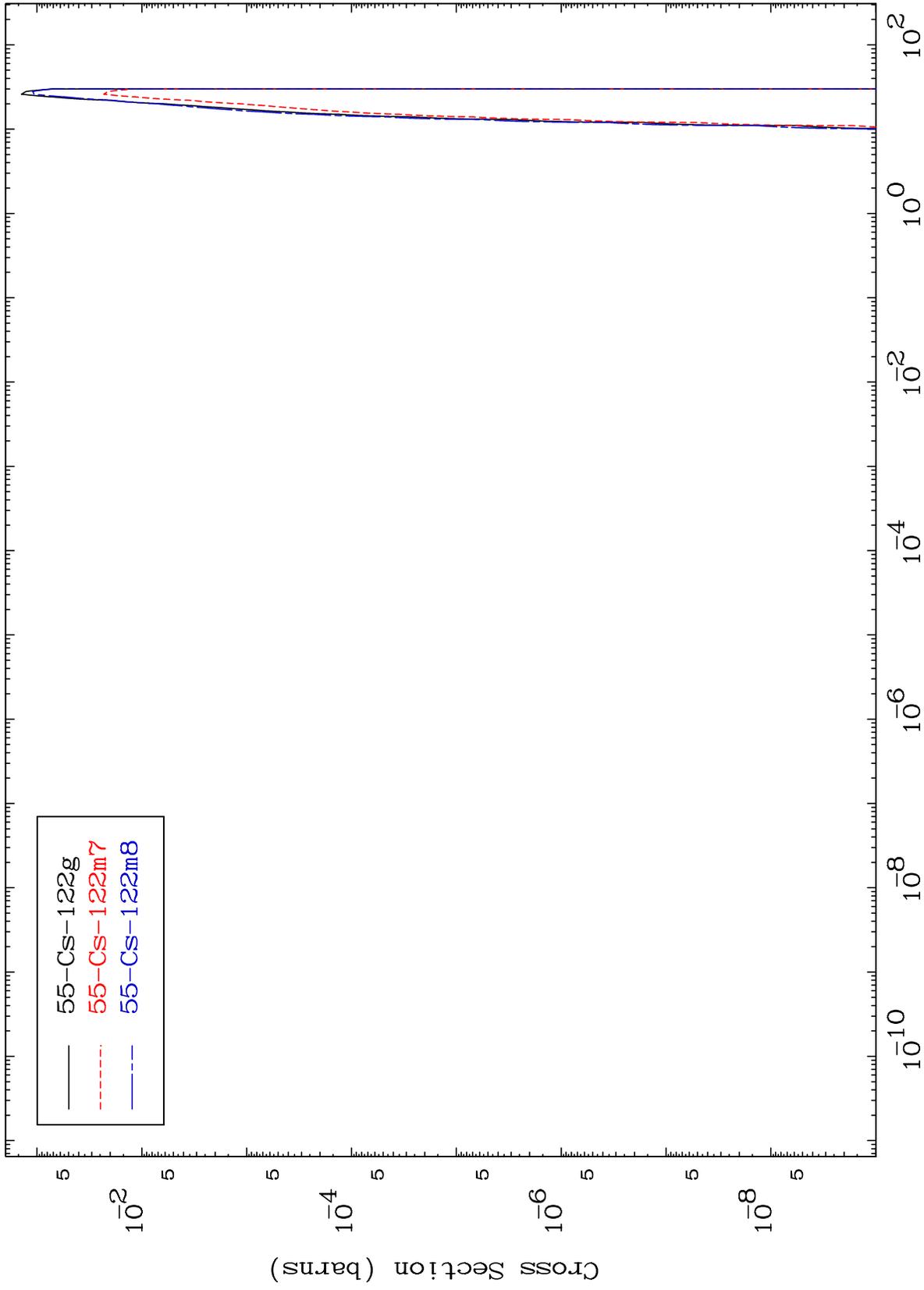
55-Cs-122

MAT 5493

(α, α)

55-Cs-122

Radionuclide Production Cross Section



18

Incident Energy (MeV)

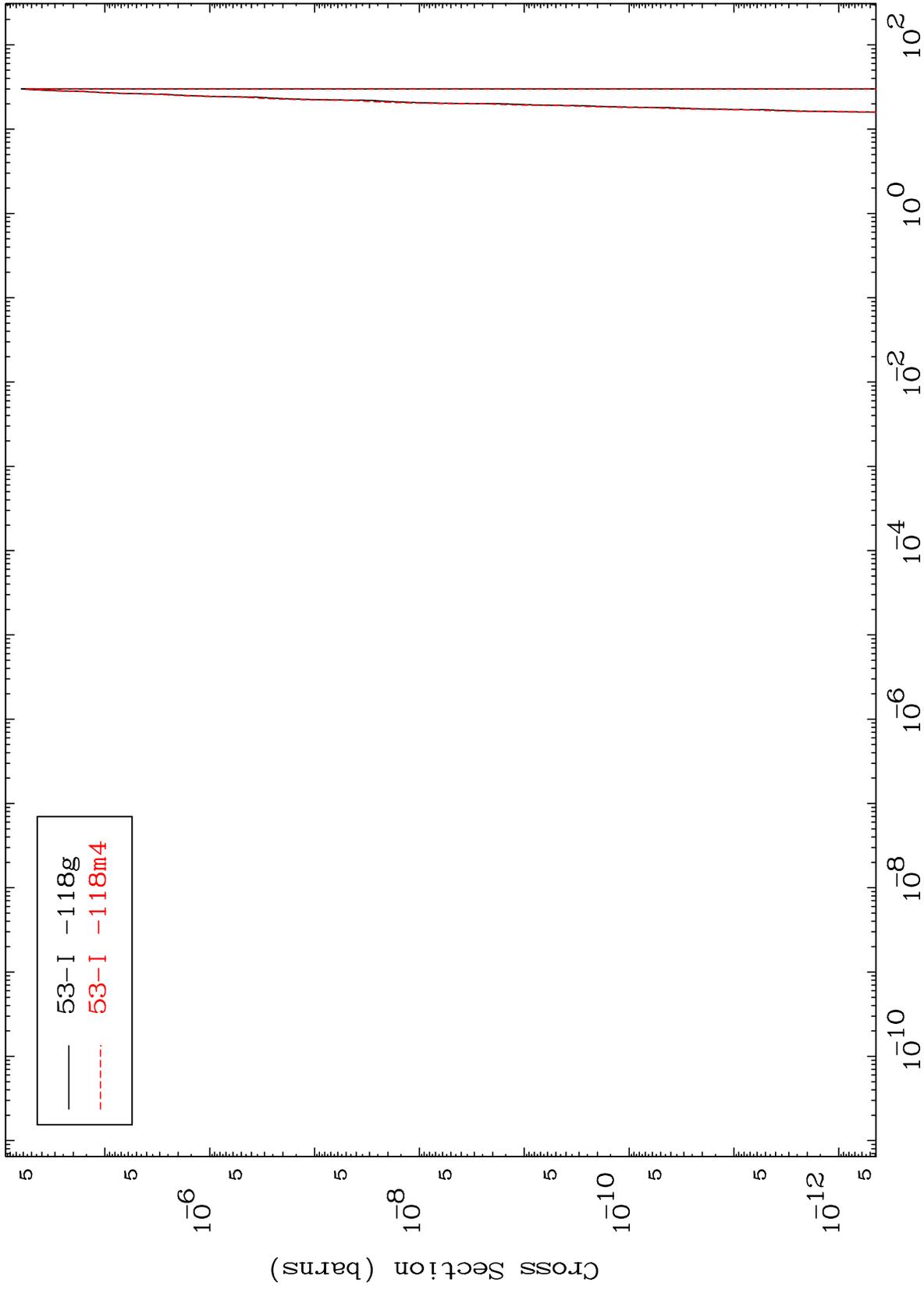
55-Cs-122

MAT 5493

($\alpha, 2\alpha$)

55-Cs-122

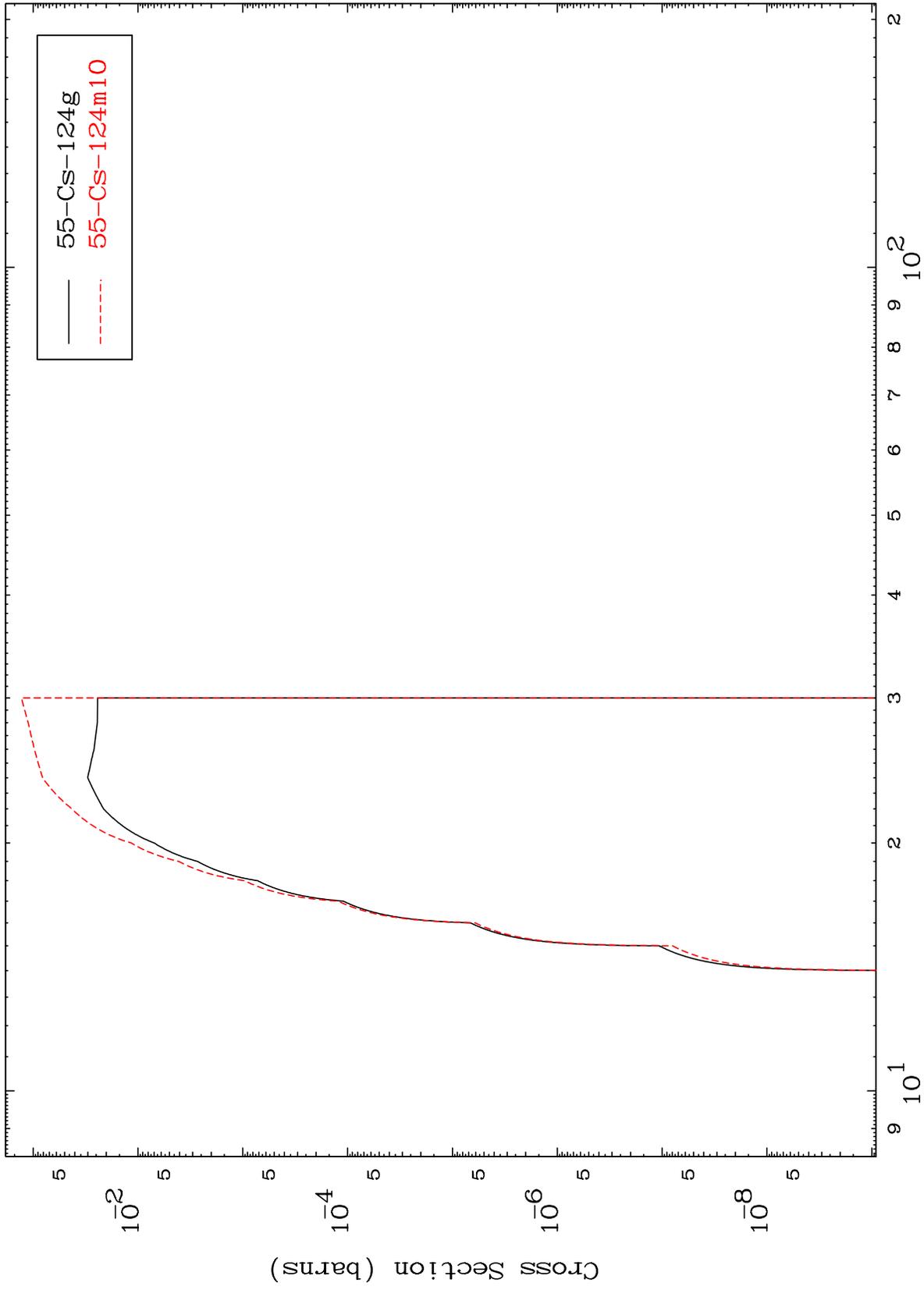
Radionuclide Production Cross Section



MAT 5493

55-Cs-122

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



20

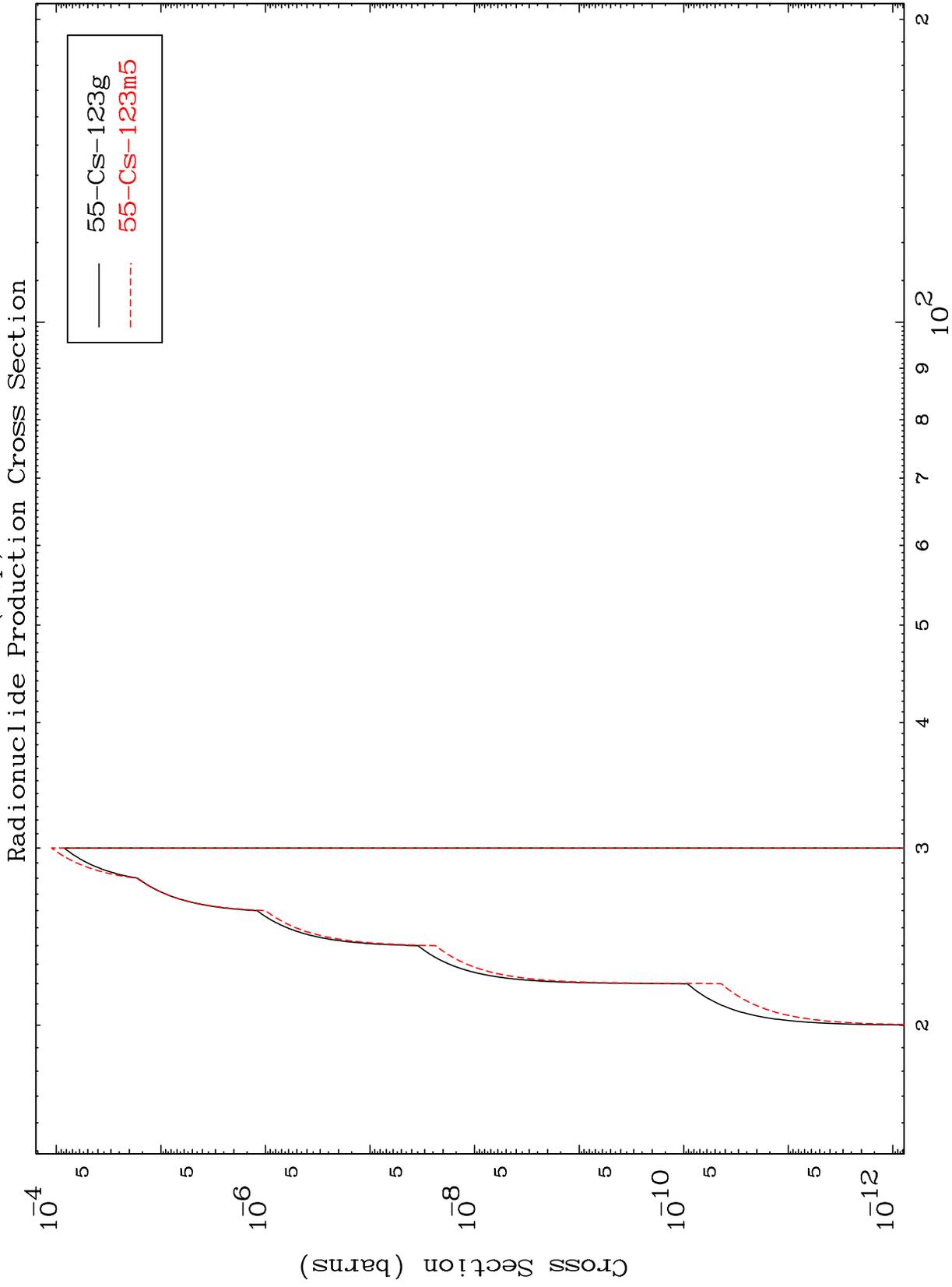
Incident Energy (MeV)

55-Cs-122

MAT 5493

(α, p) d

55-Cs-122



21

Incident Energy (MeV)

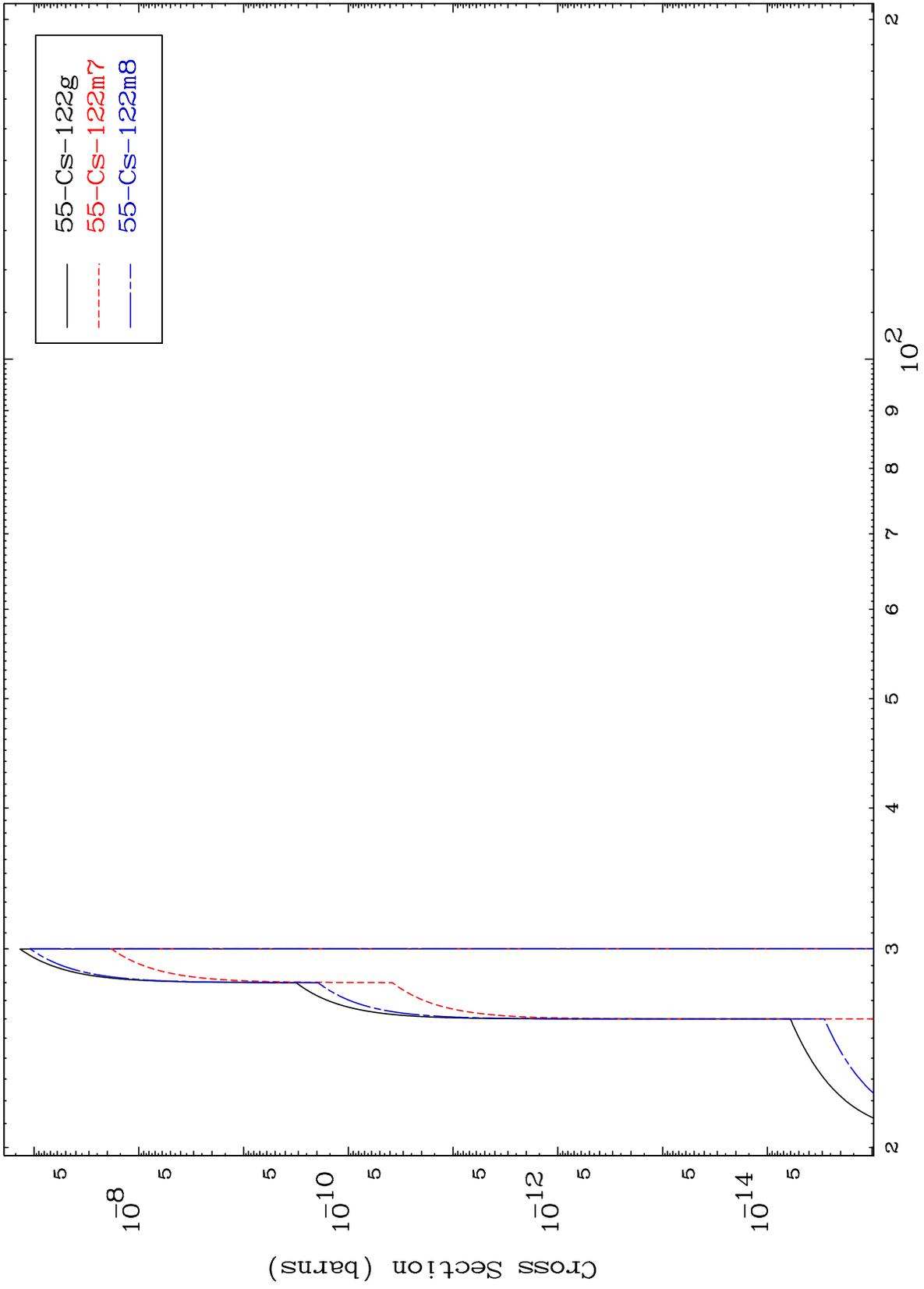
55-Cs-122

MAT 5493

(α, p) t

55-Cs-122

Radionuclide Production Cross Section



22

Incident Energy (MeV)

55-Cs-122