

Program EVALPLOT
(Version 2018-1)

by

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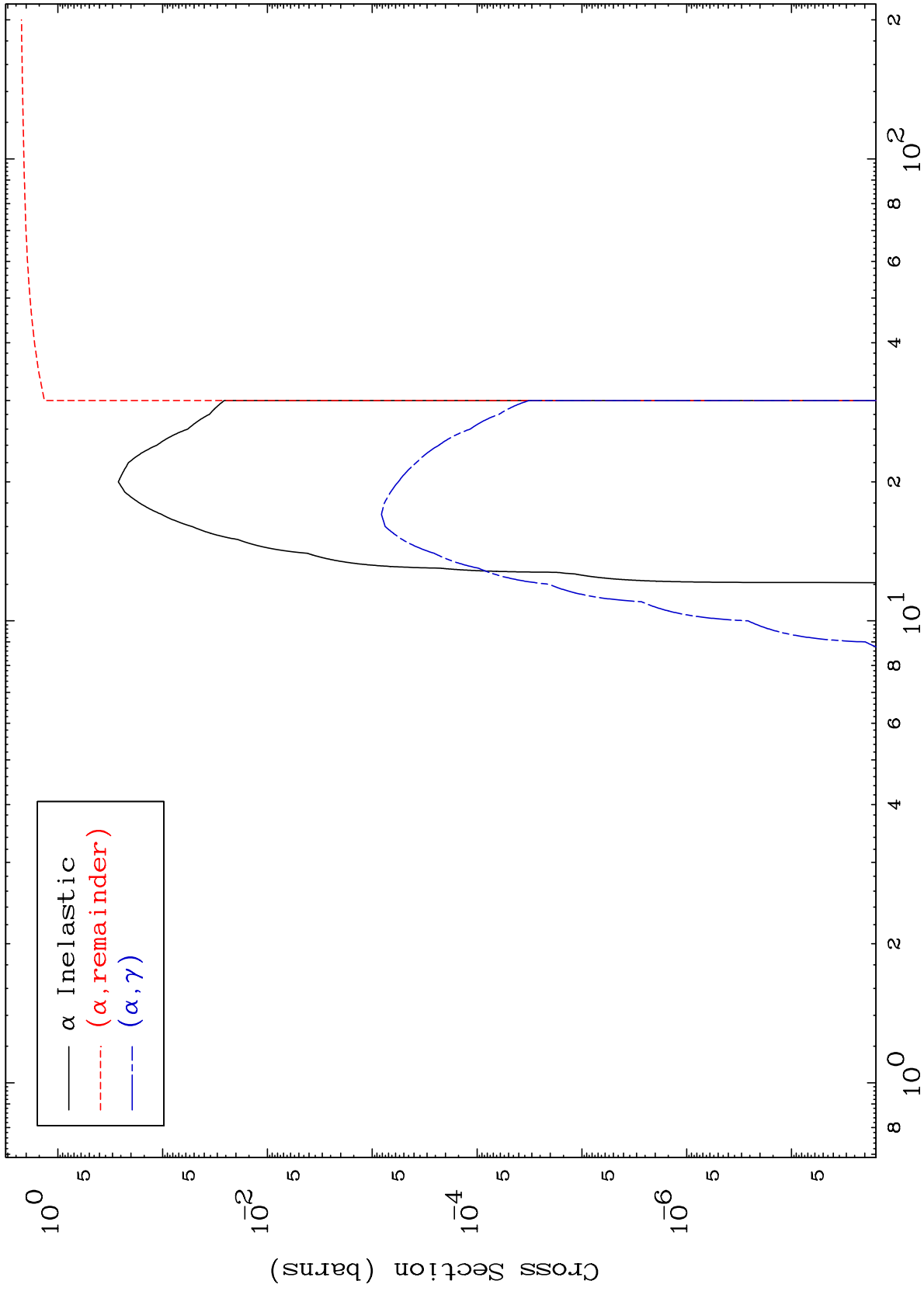
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5495

0 Kelvin α Major

55-Cs-123



1

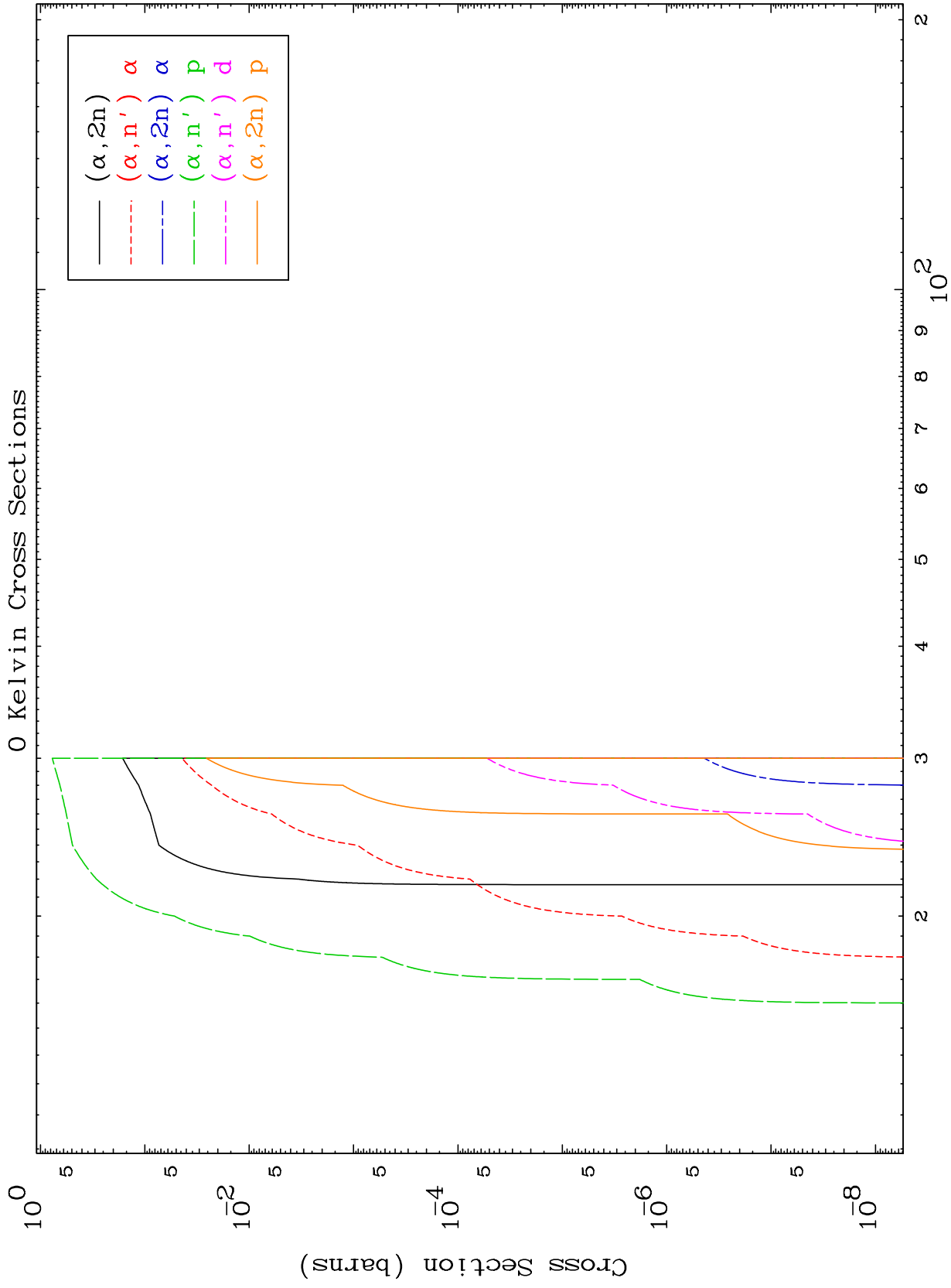
Incident Energy (MeV)

55-Cs-123

MAT 5495

α Neutron Production
0 Kelvin Cross Sections

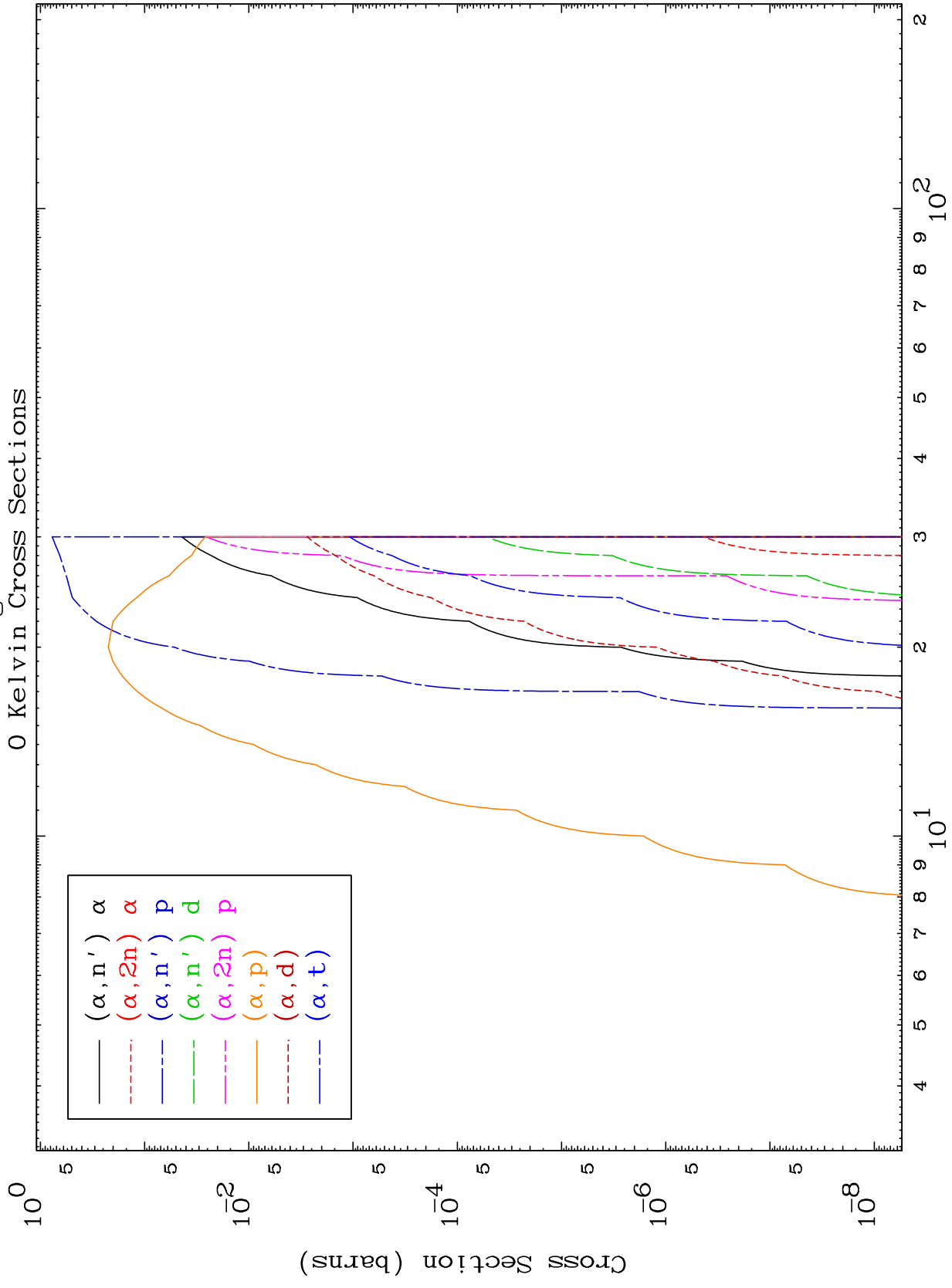
55-Cs-123



2

Incident Energy (MeV)

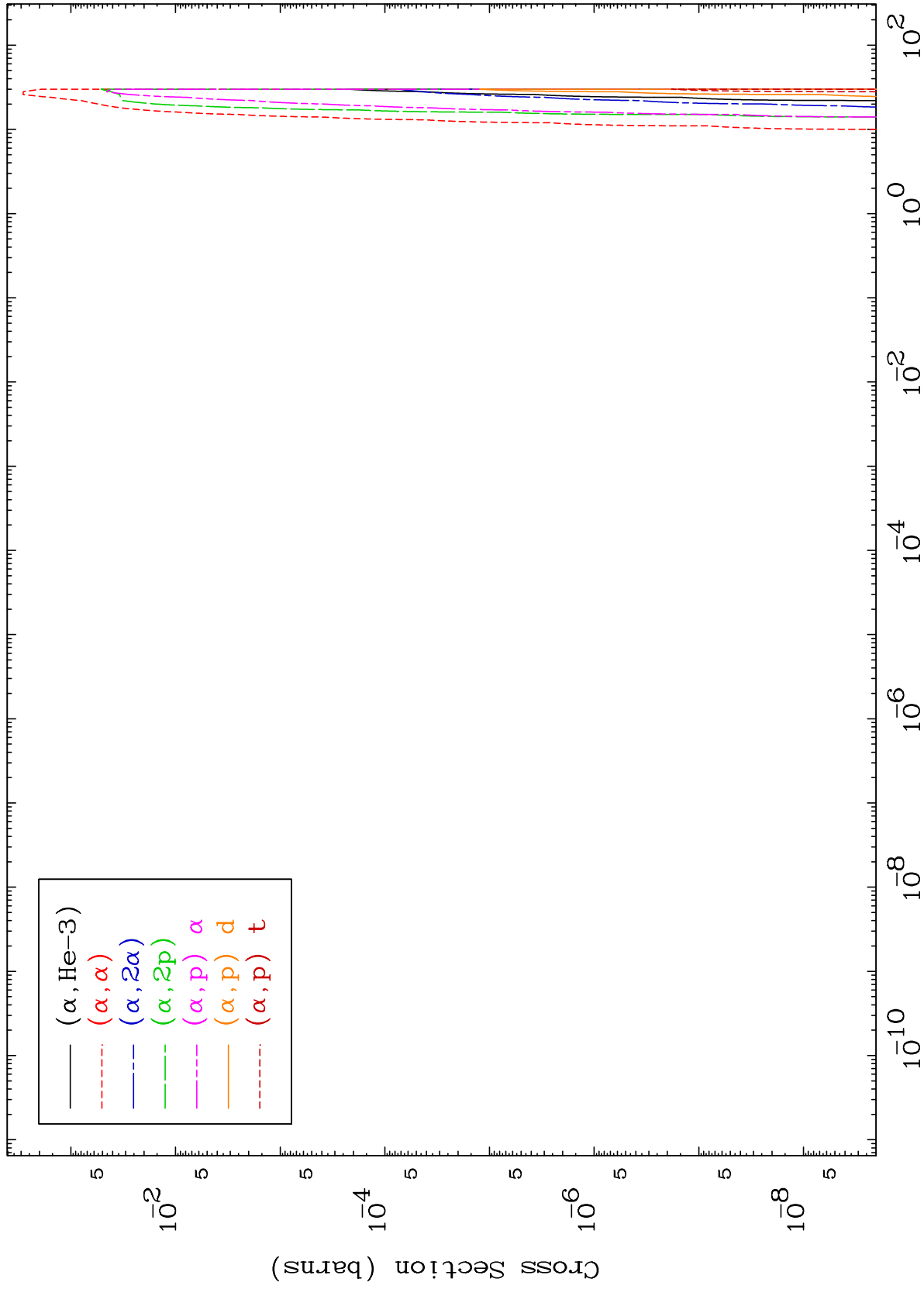
55-Cs-123



MAT 5495

α Charged Particle
0 Kelvin Cross Sections

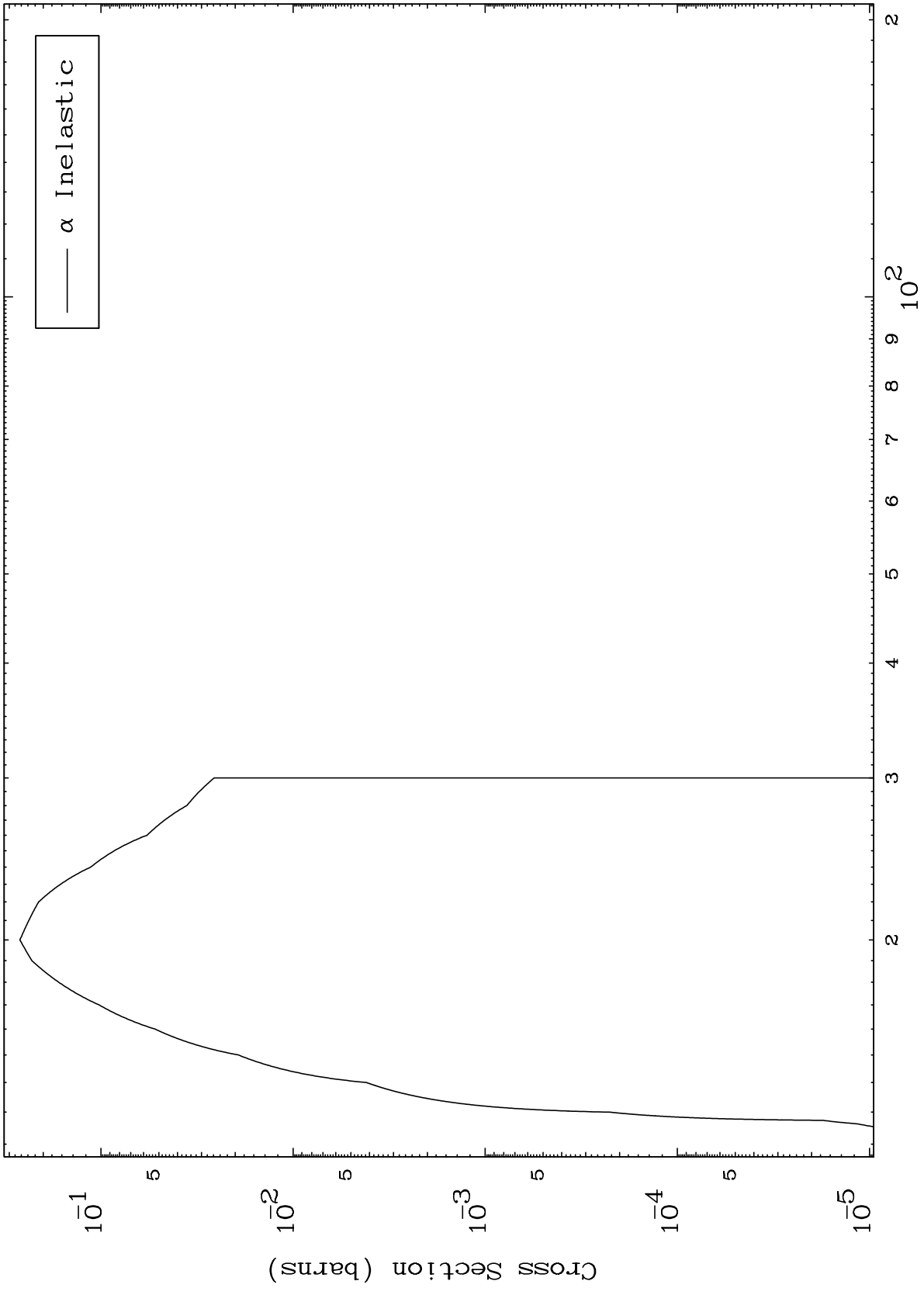
55-Cs-123



MAT 5495

(α, n') Level
0 Kelvin Cross Sections

55-Cs-123



5

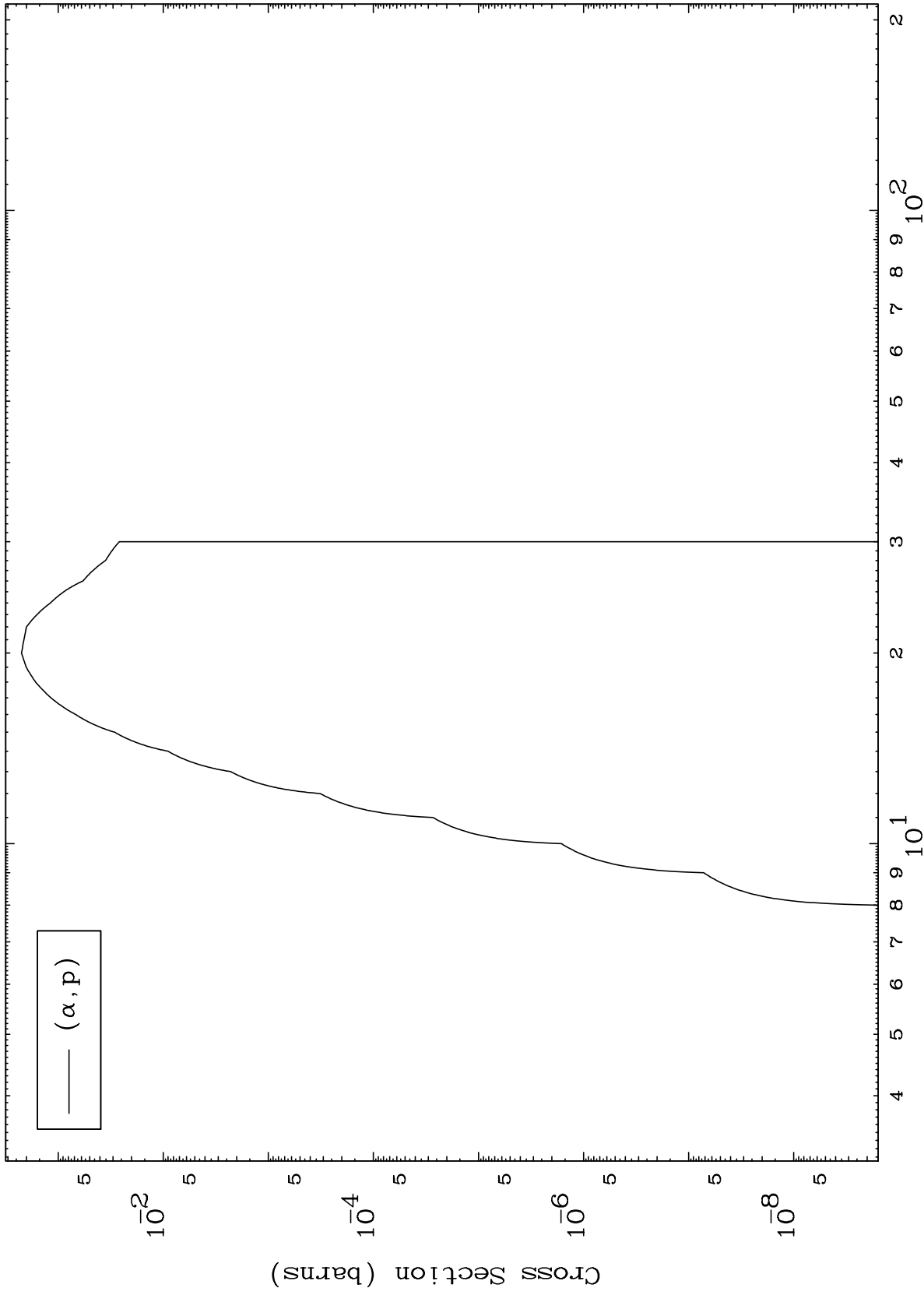
Incident Energy (MeV)

55-Cs-123

MAT 5495

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-123



6

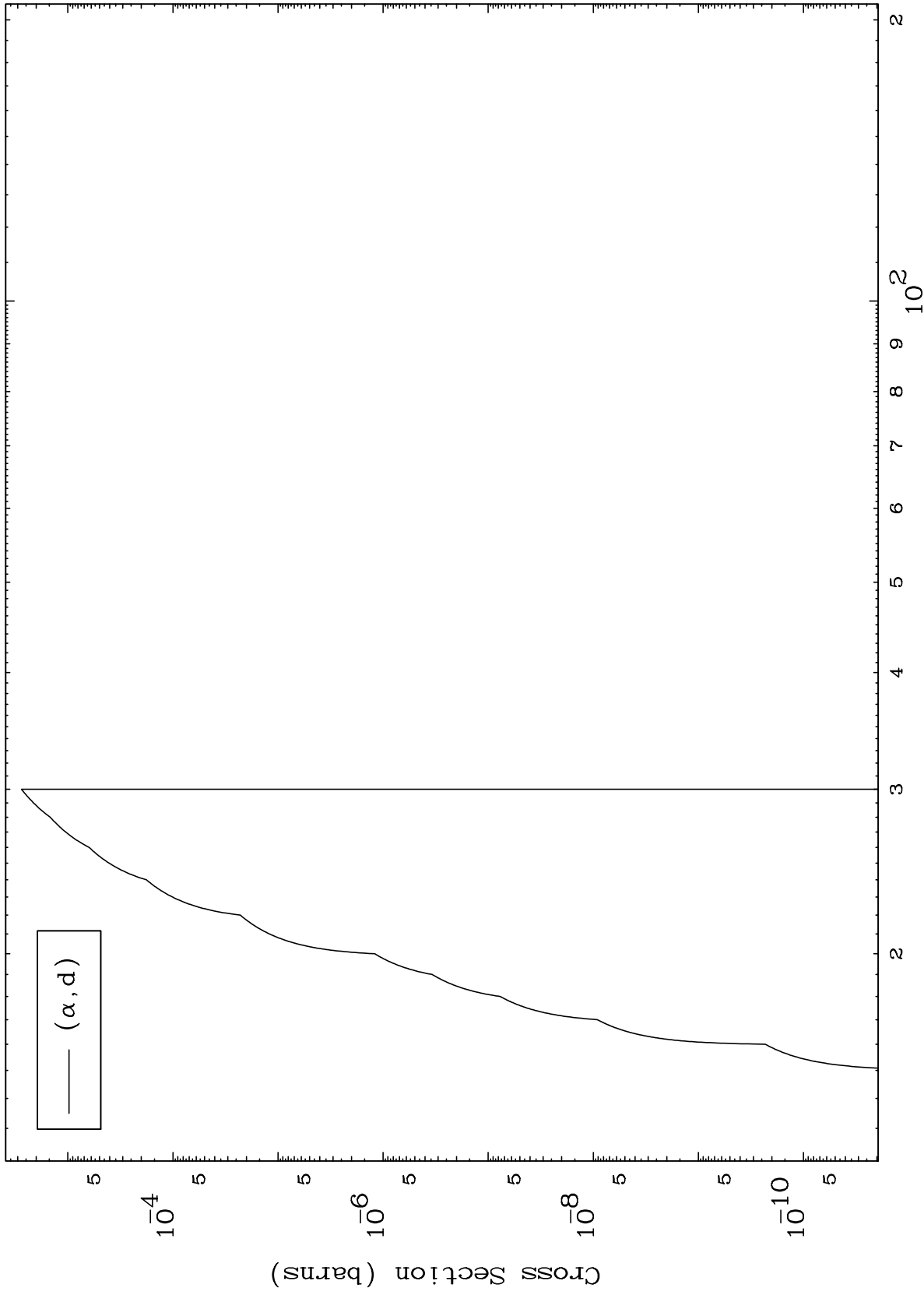
Incident Energy (MeV)

55-Cs-123

MAT 5495

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-123



7

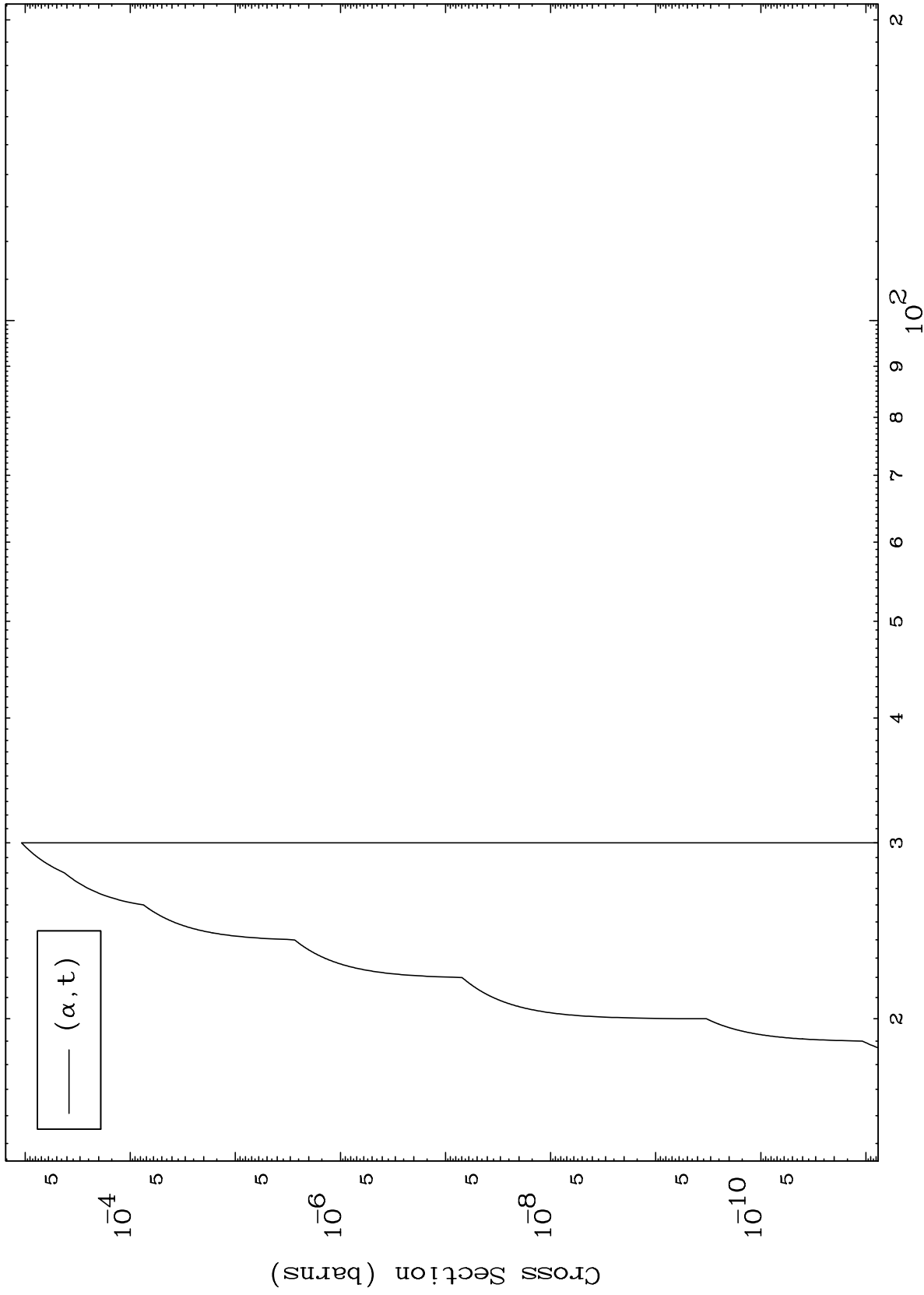
Incident Energy (MeV)

55-Cs-123

MAT 5495

(α, t) Levels
0 Kelvin Cross Sections

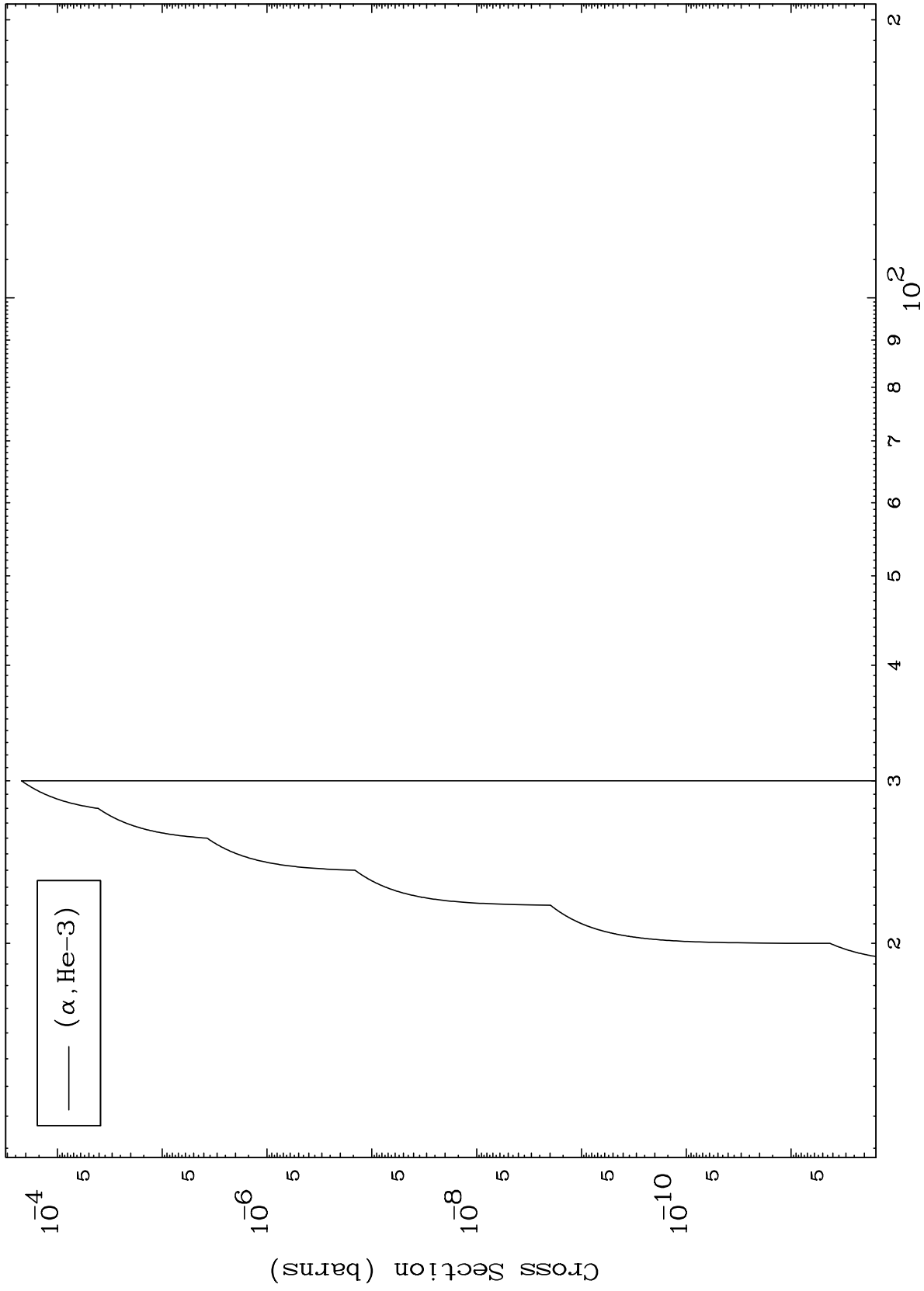
55-Cs-123



8

Incident Energy (MeV)

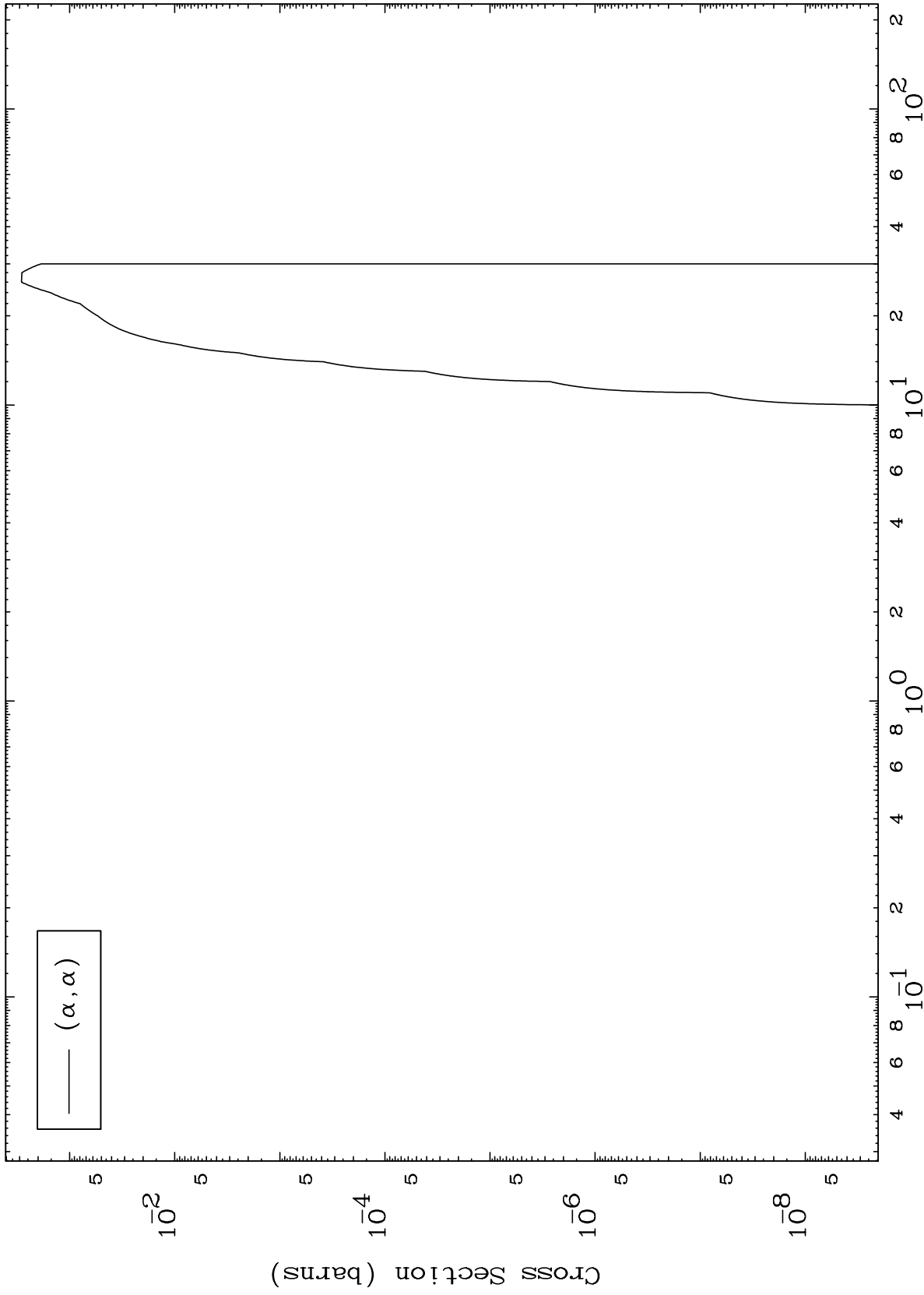
55-Cs-123



MAT 5495

(α, α) Levels
0 Kelvin Cross Sections

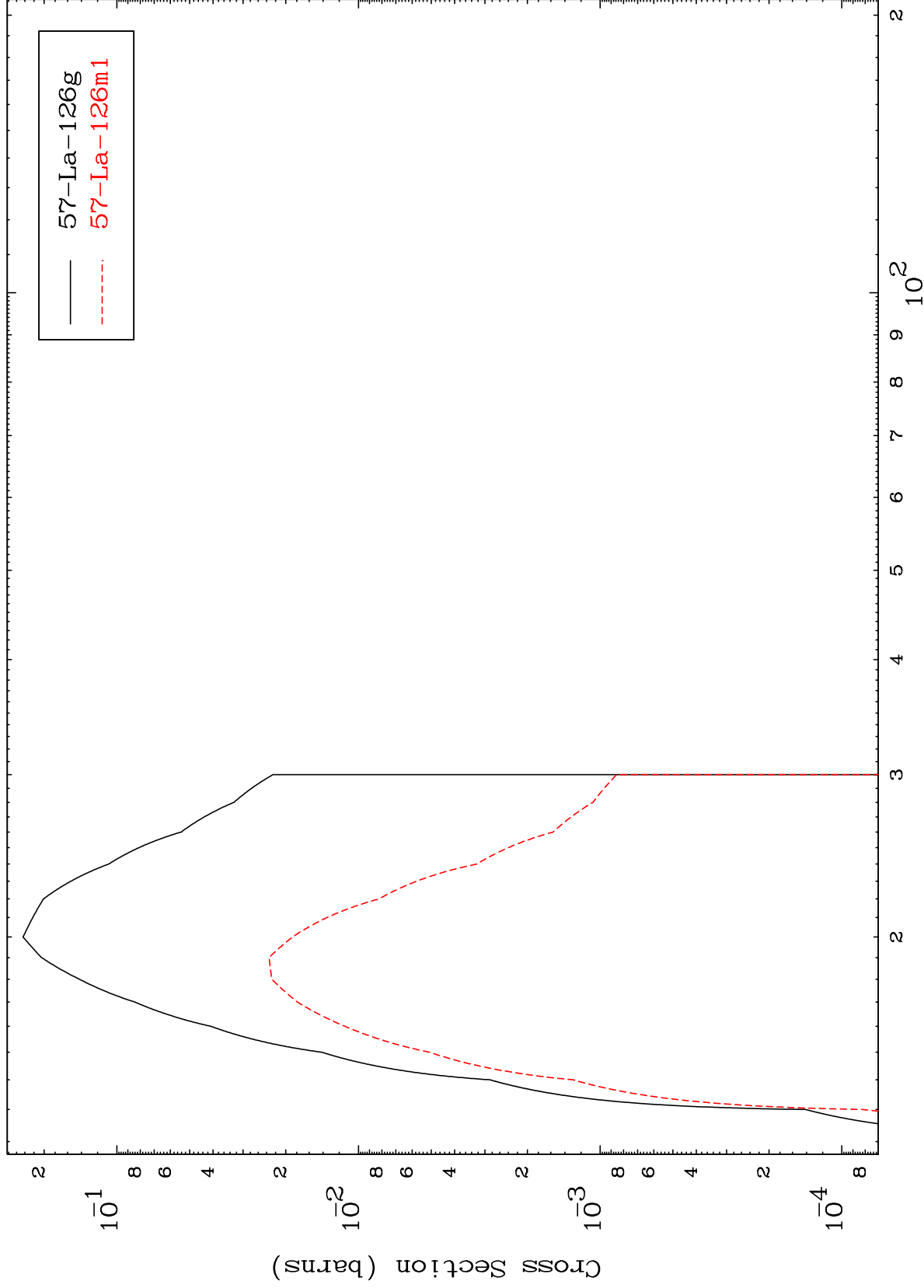
55-Cs-123



10

Incident Energy (MeV)

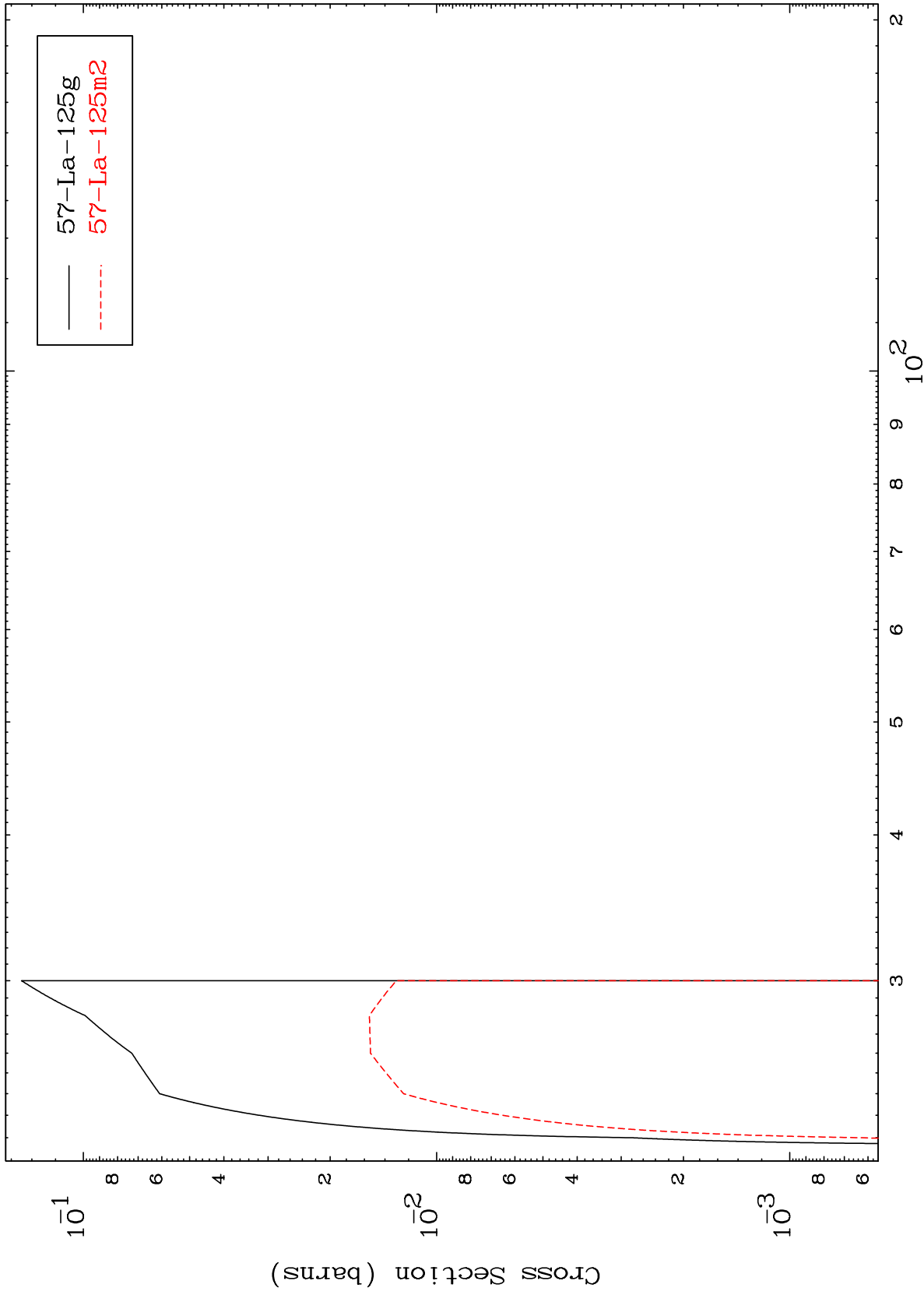
55-Cs-123



MAT 5495

55-Cs-123

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



12

Incident Energy (MeV)

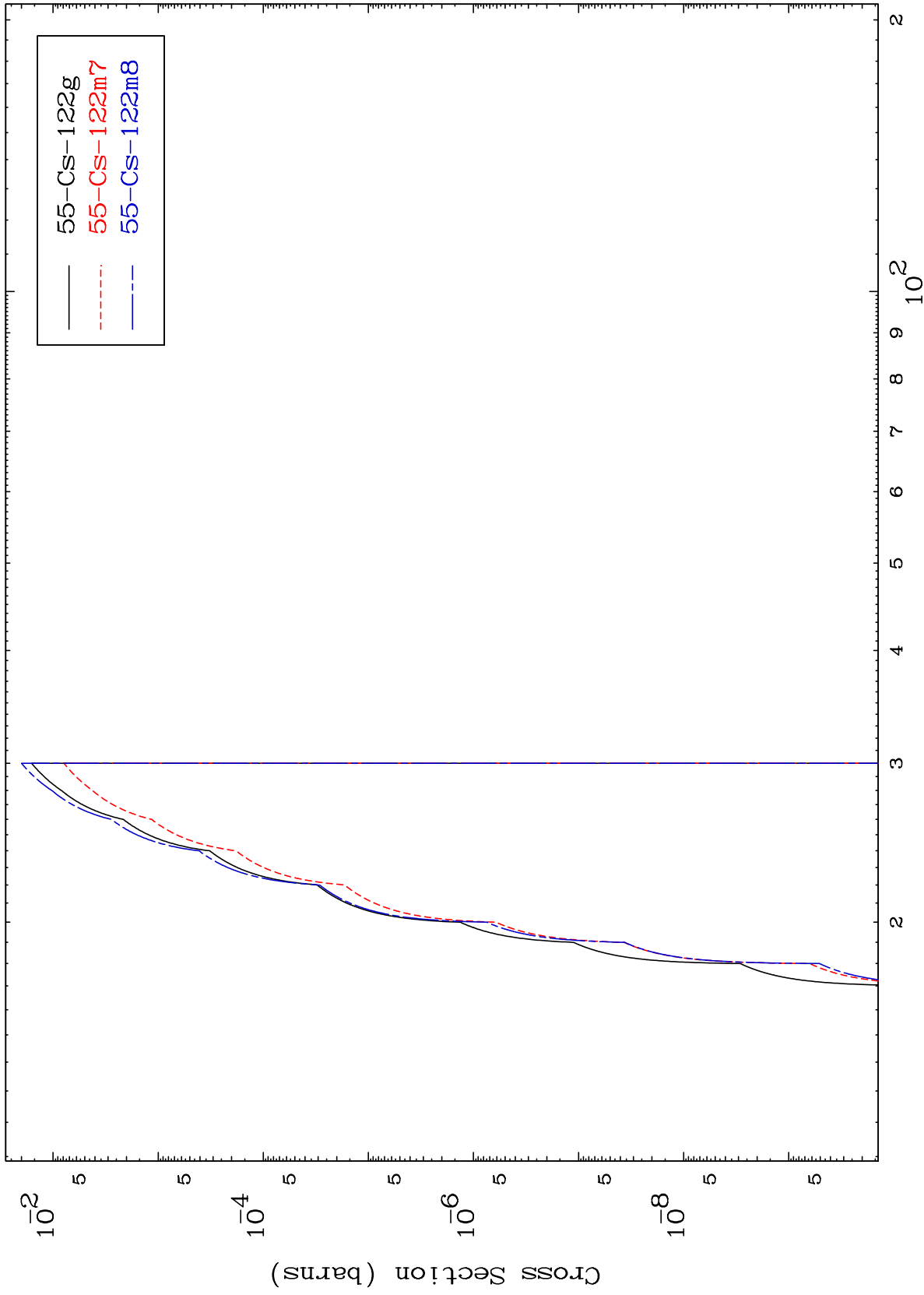
55-Cs-123

MAT 5495

(α, n') α

55-Cs-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

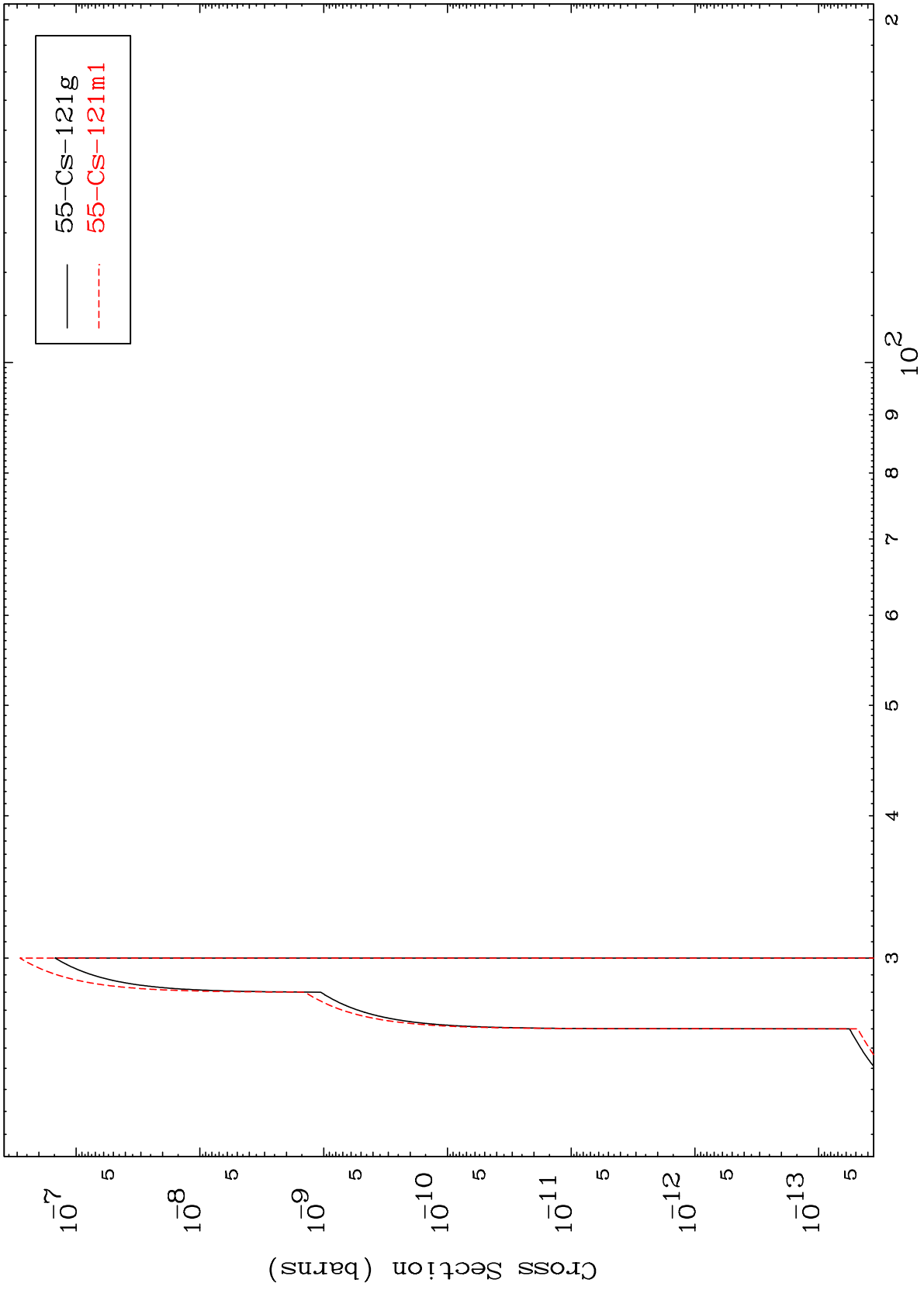
55-Cs-123

MAT 5495

$(\alpha, 2n) \alpha$

55-Cs-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

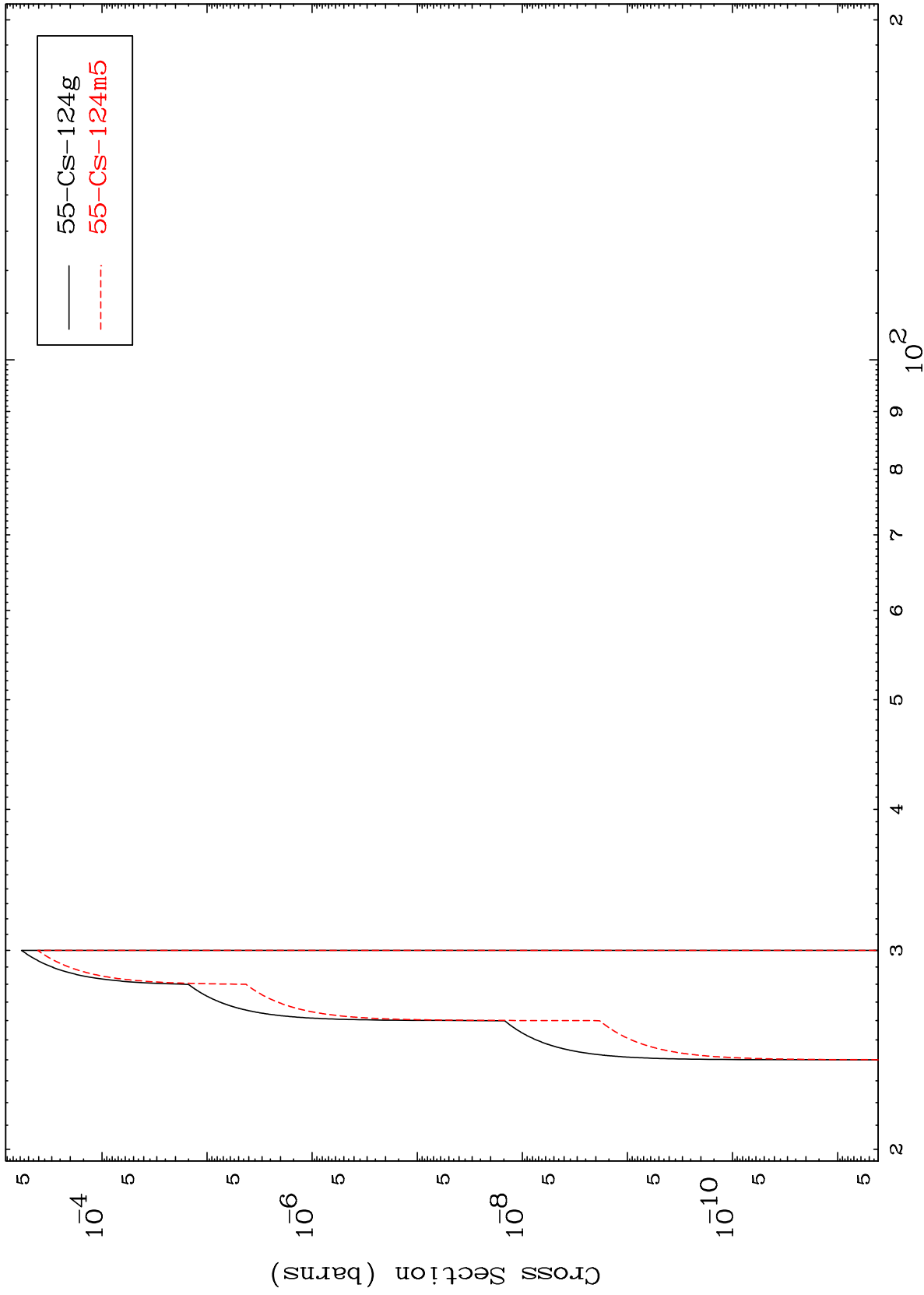
55-Cs-123

MAT 5495

($\alpha, 2n$) p

55-Cs-123

Radionuclide Production Cross Section



15

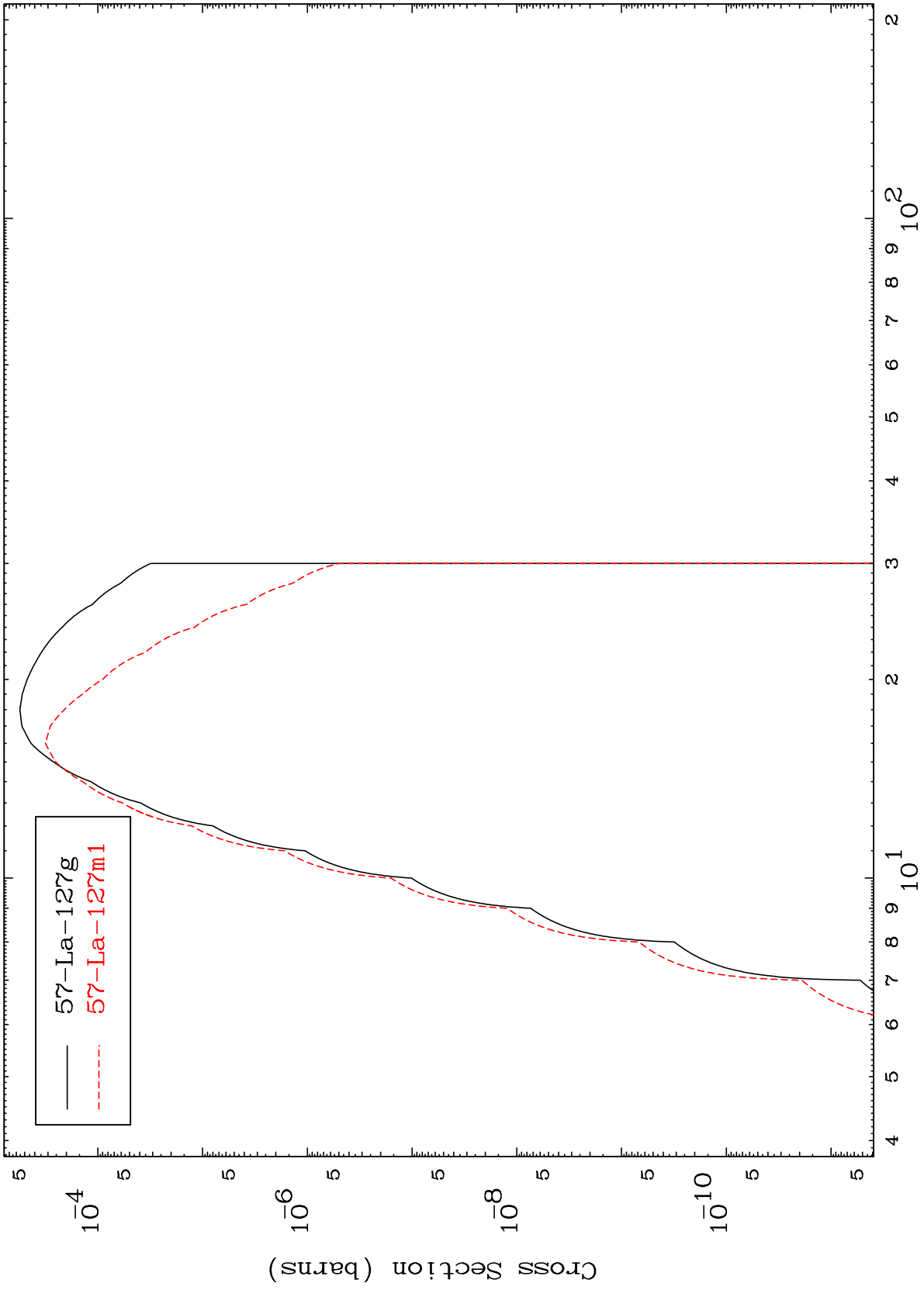
Incident Energy (MeV)

55-Cs-123

MAT 5495

55-Cs-123

(α, γ)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

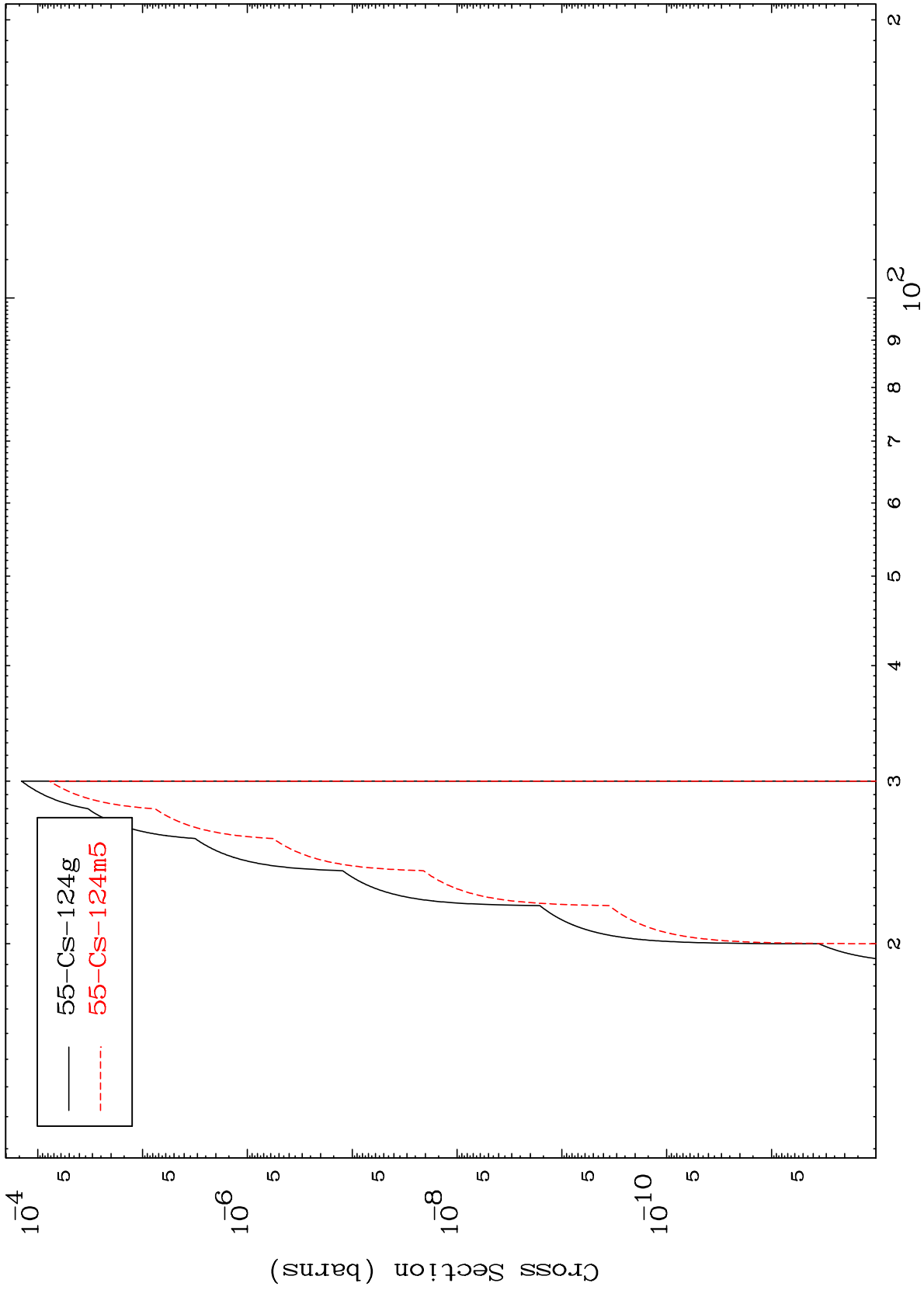
55-Cs-123

MAT 5495

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

55-Cs-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

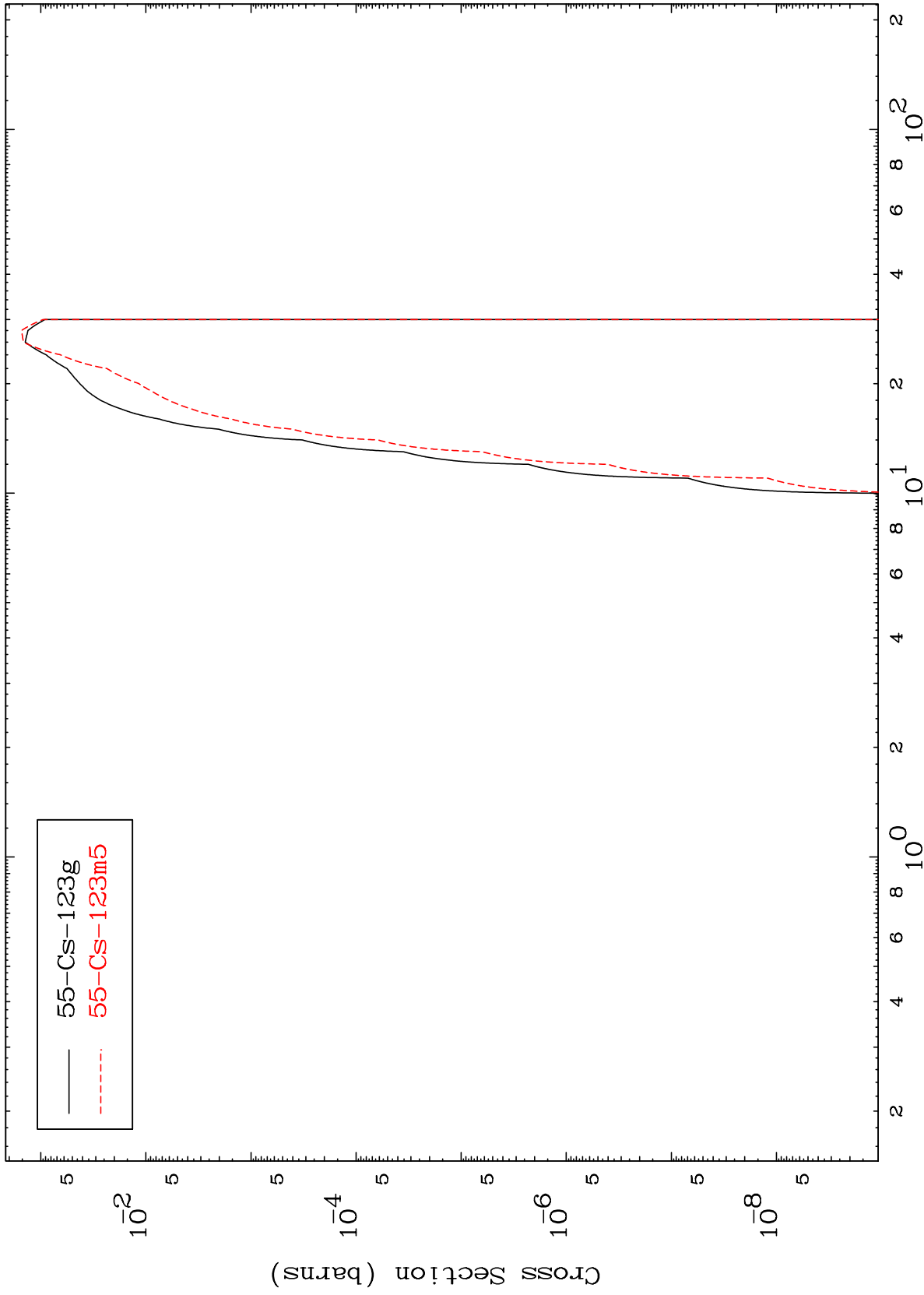
55-Cs-123

MAT 5495

(α, α)

55-Cs-123

Radionuclide Production Cross Section



18

Incident Energy (MeV)

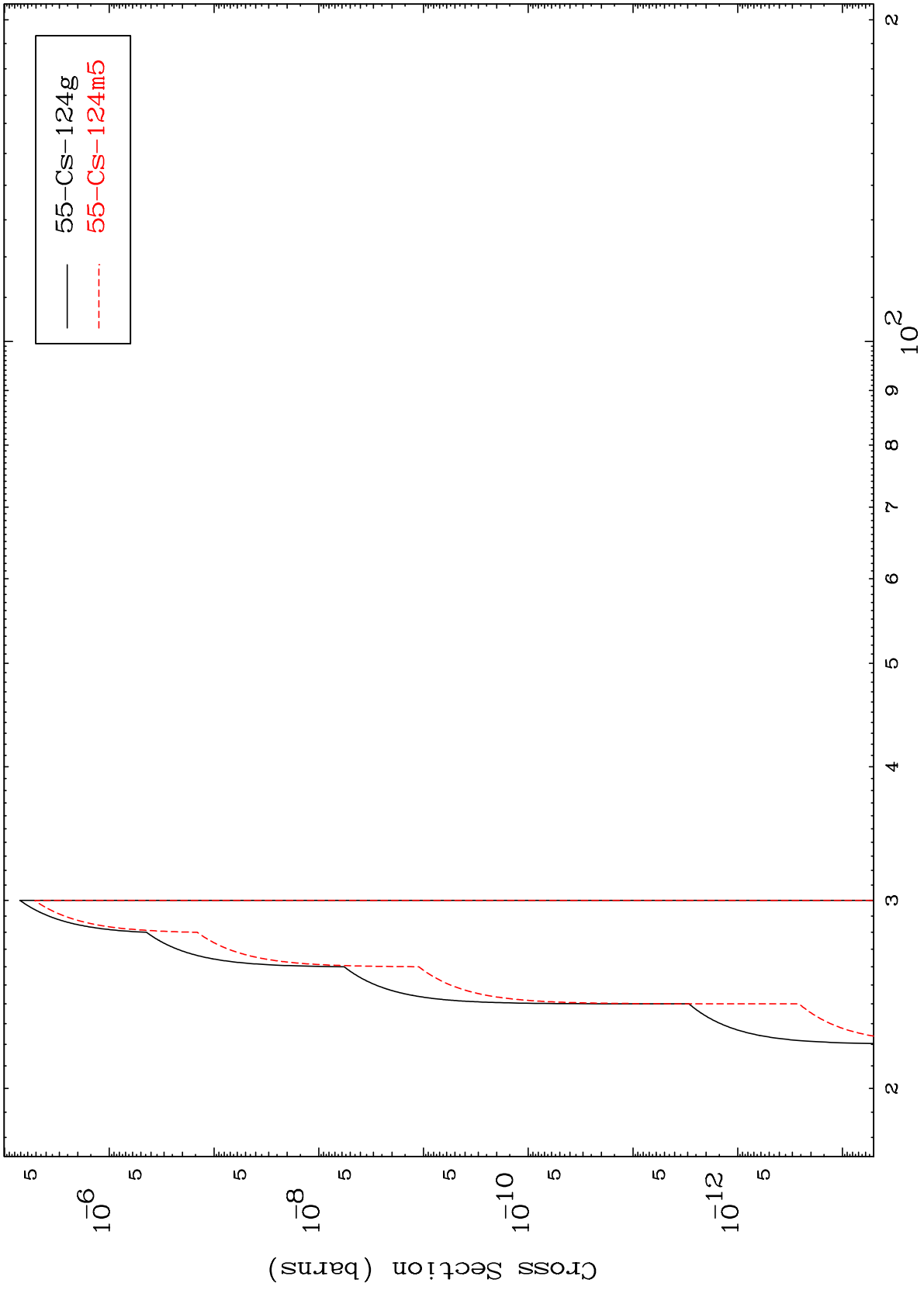
55-Cs-123

MAT 5495

(α, p) d

55-Cs-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

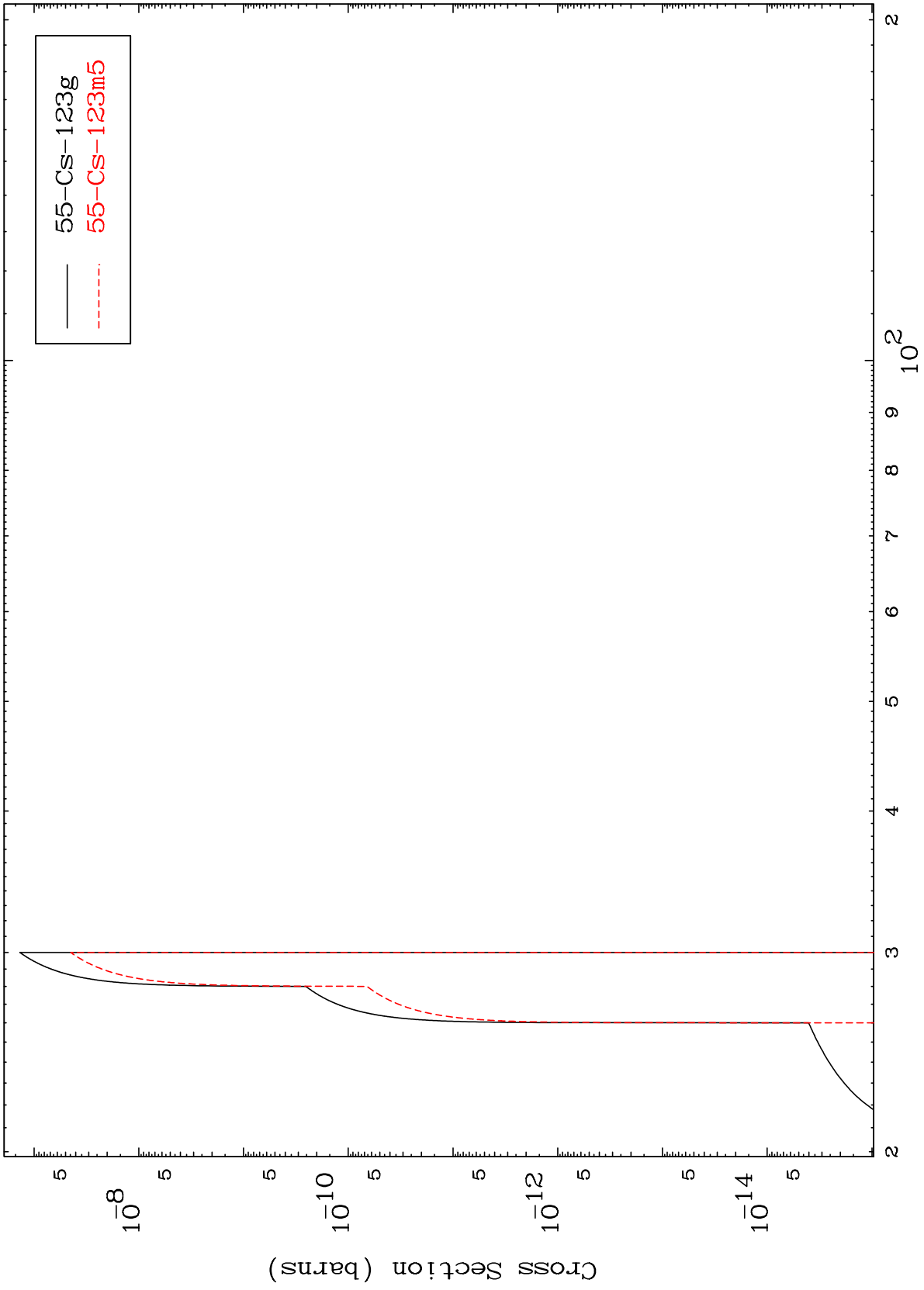
55-Cs-123

MAT 5495

(α, p) t

55-Cs-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-123