

Program EVALPLOT
(Version 2018-1)

by

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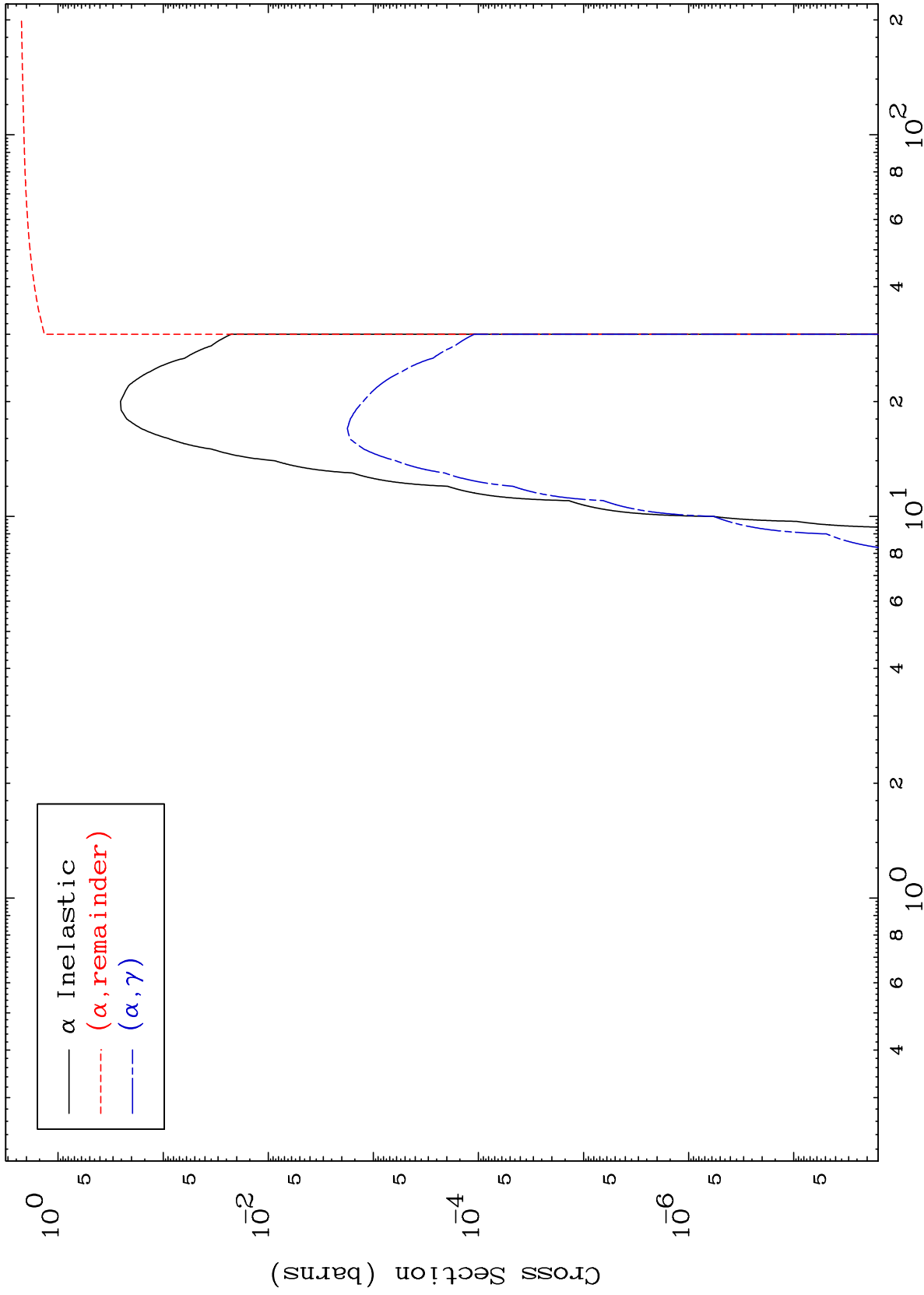
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5499

0 Kelvin α Major
Cross Sections

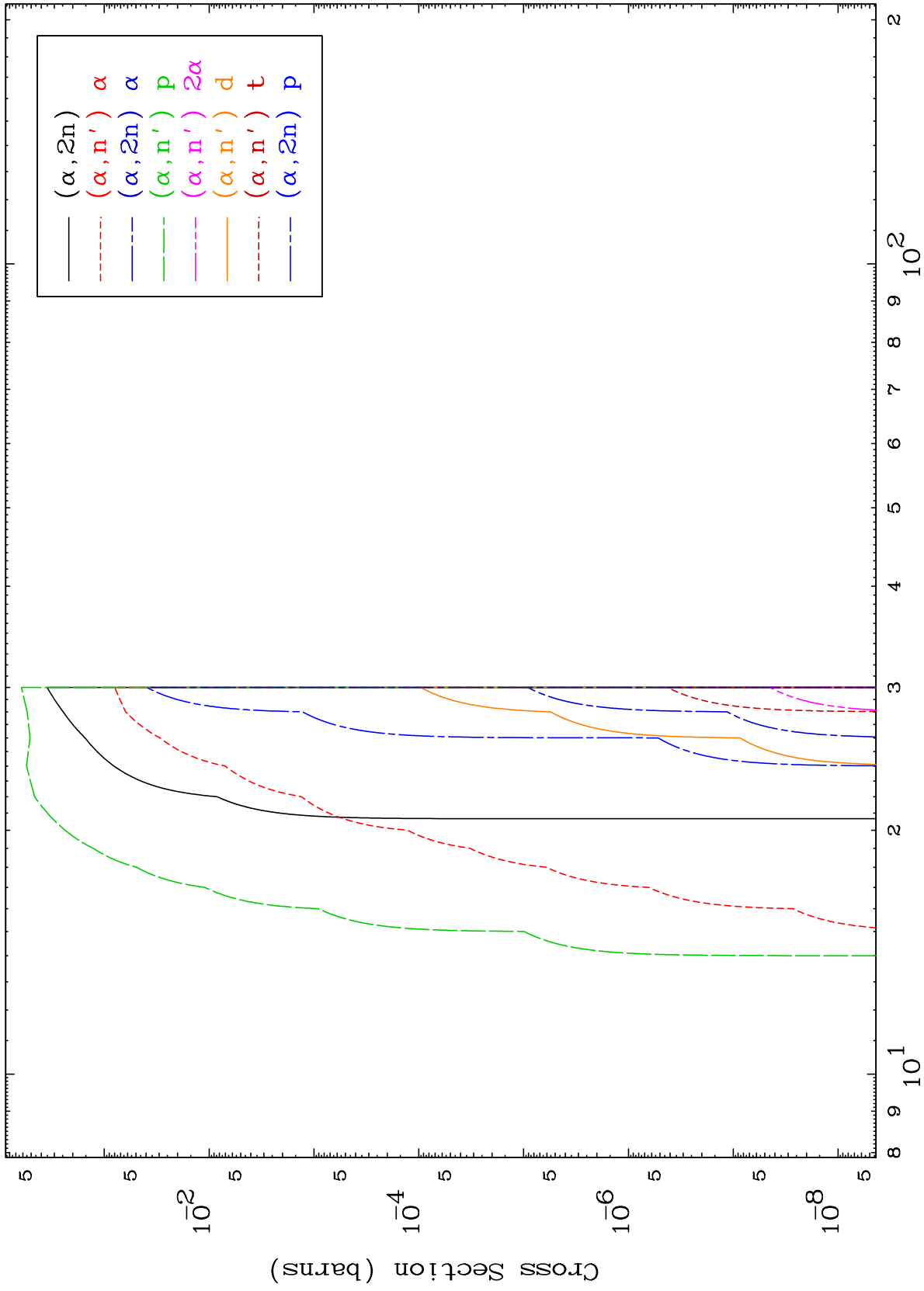
55-Cs-124



MAT 5499

α Neutron Production
0 Kelvin Cross Sections

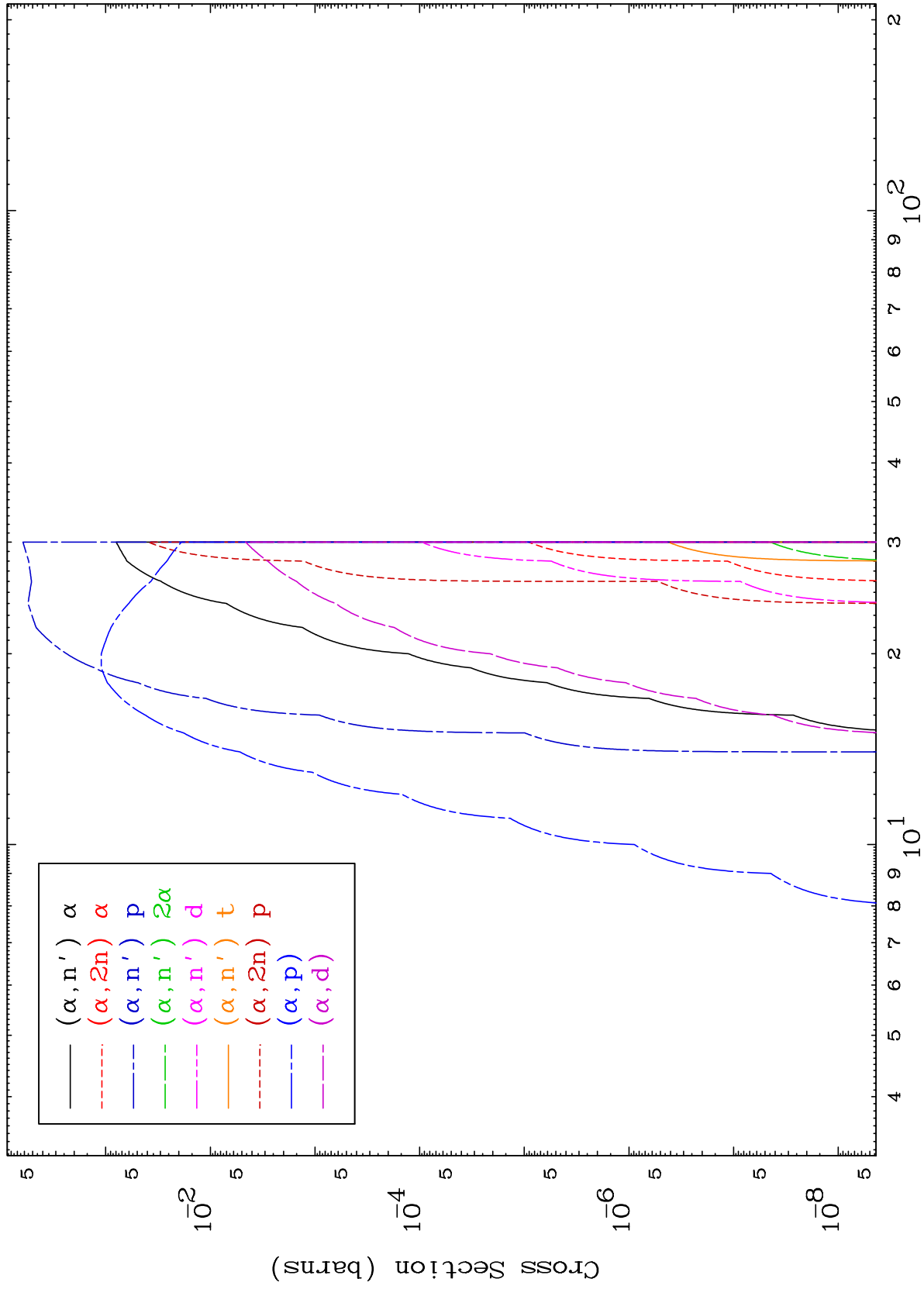
55-Cs-124



2

Incident Energy (MeV)

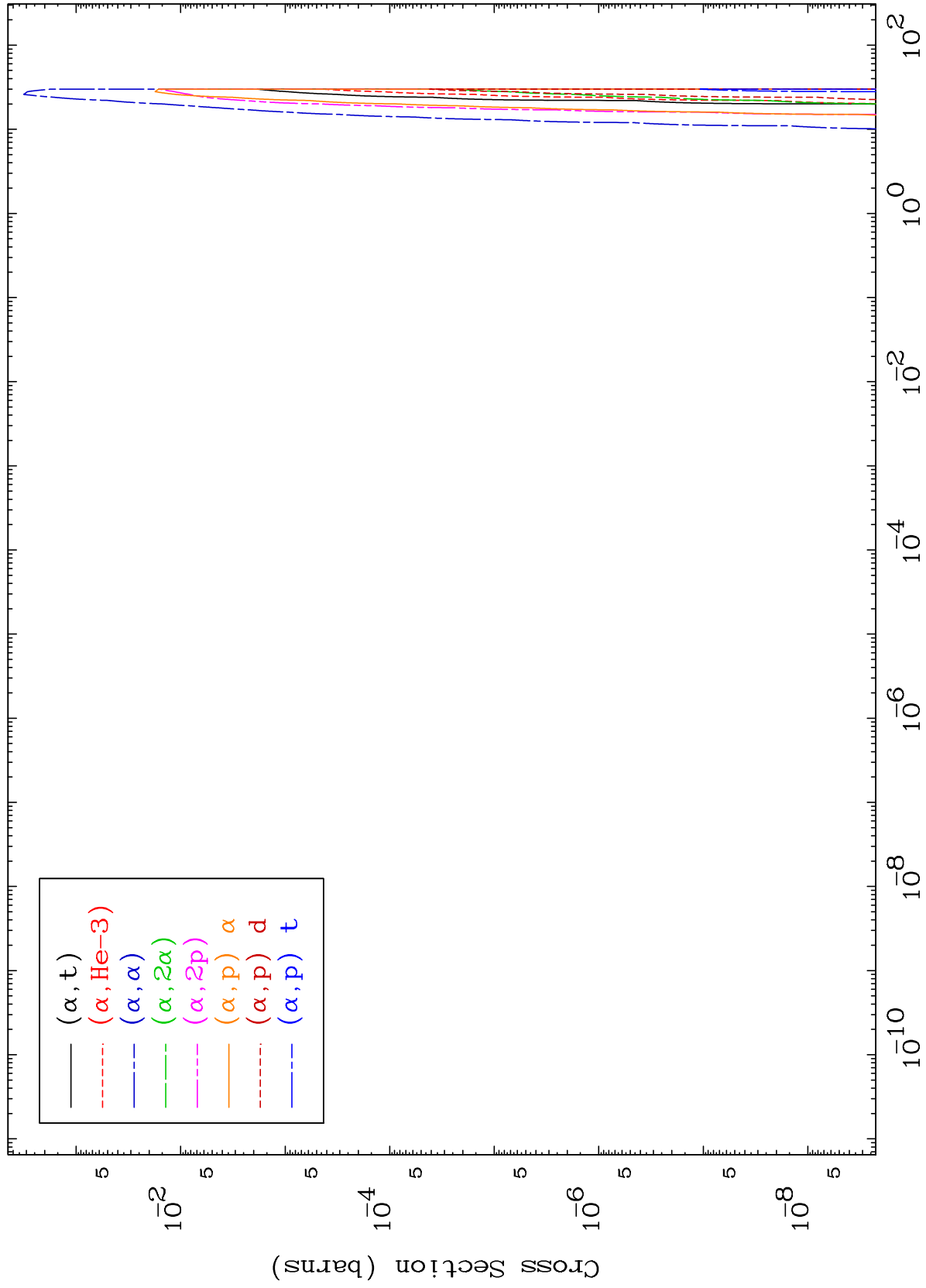
55-Cs-124



MAT 5499

α Charged Particle
0 Kelvin Cross Sections

55-Cs-124

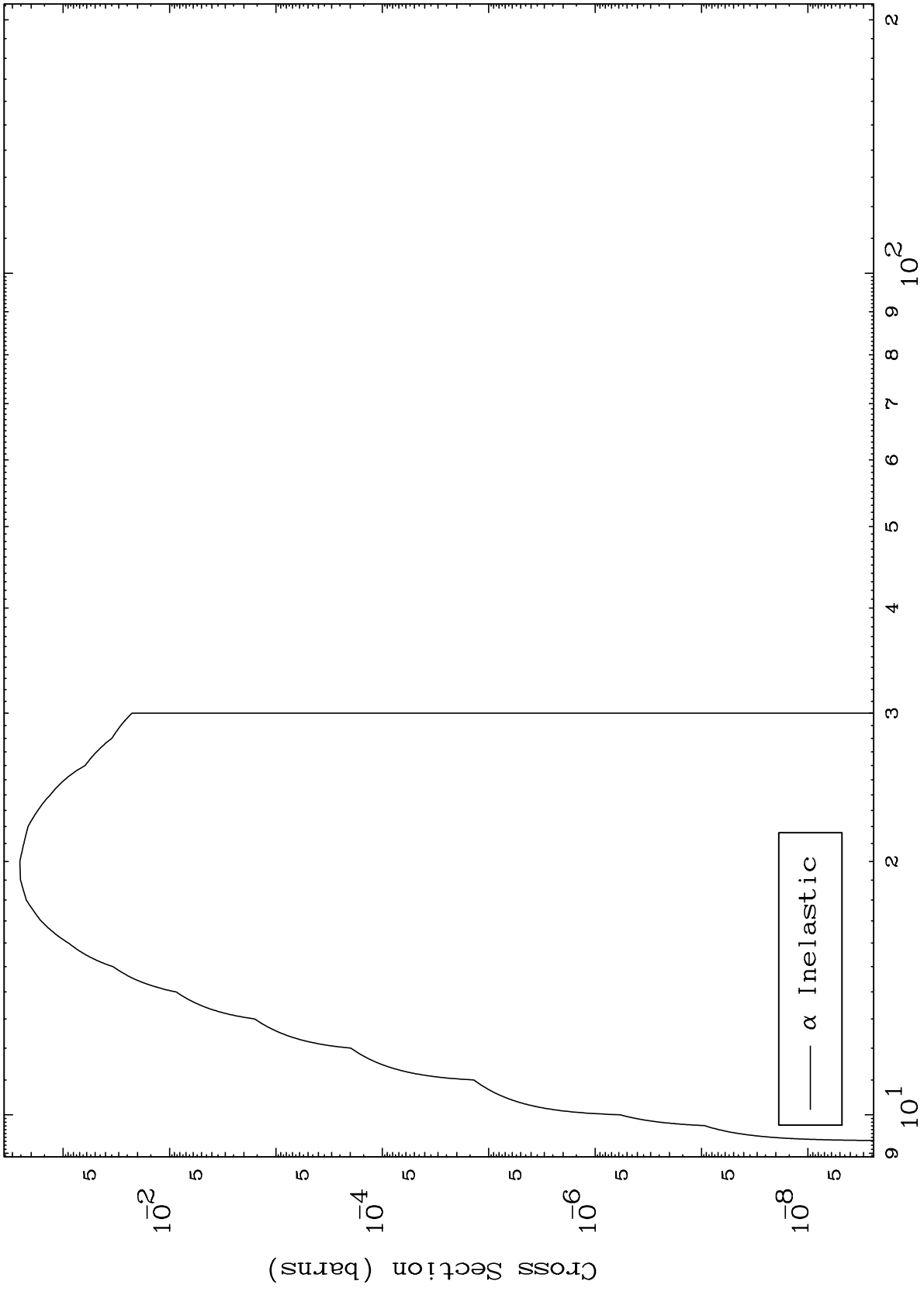


55-Cs-124

MAT 5499

(α, n') Level
0 Kelvin Cross Sections

55-Cs-124



5

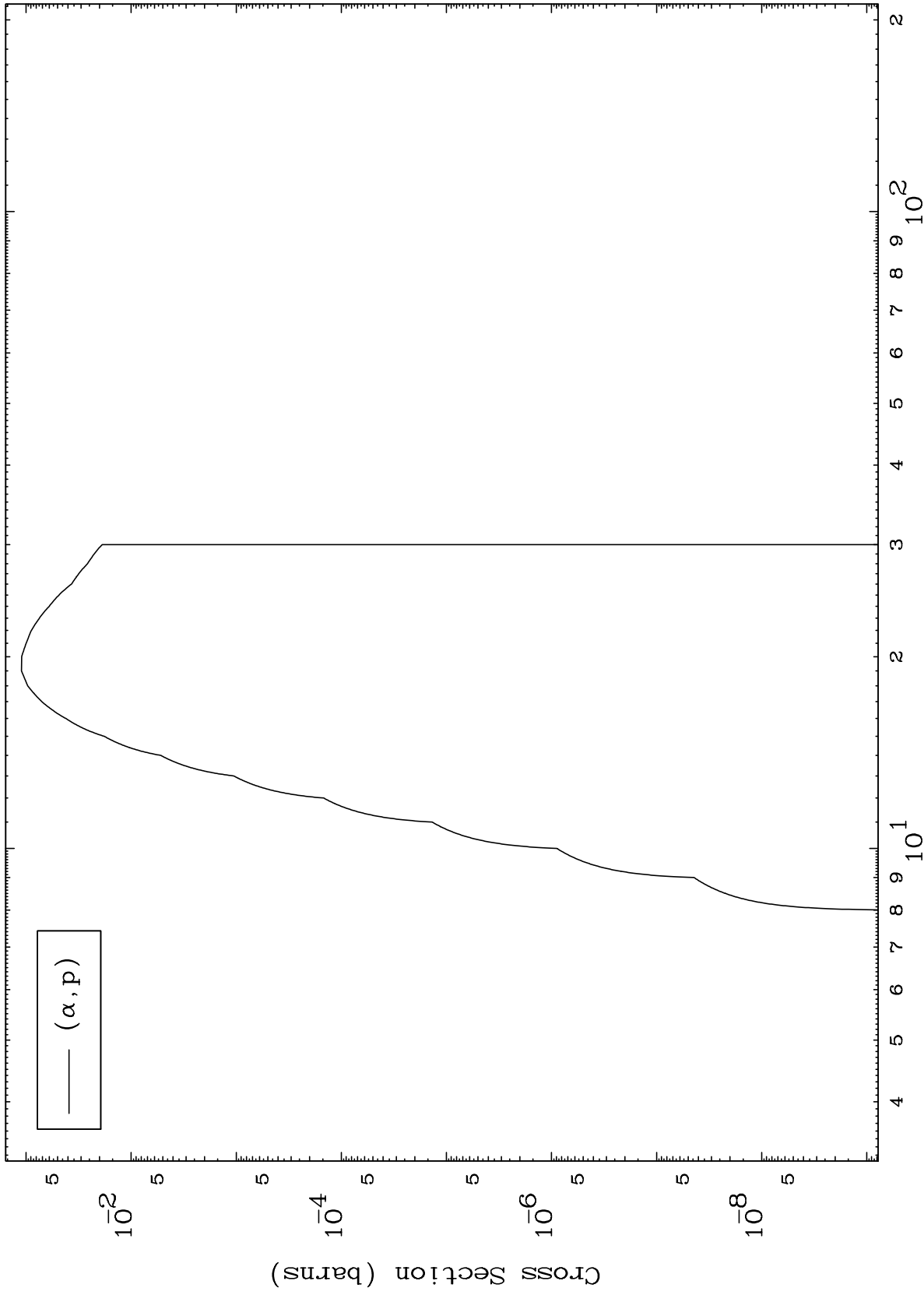
Incident Energy (MeV)

55-Cs-124

MAT 5499

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-124



6

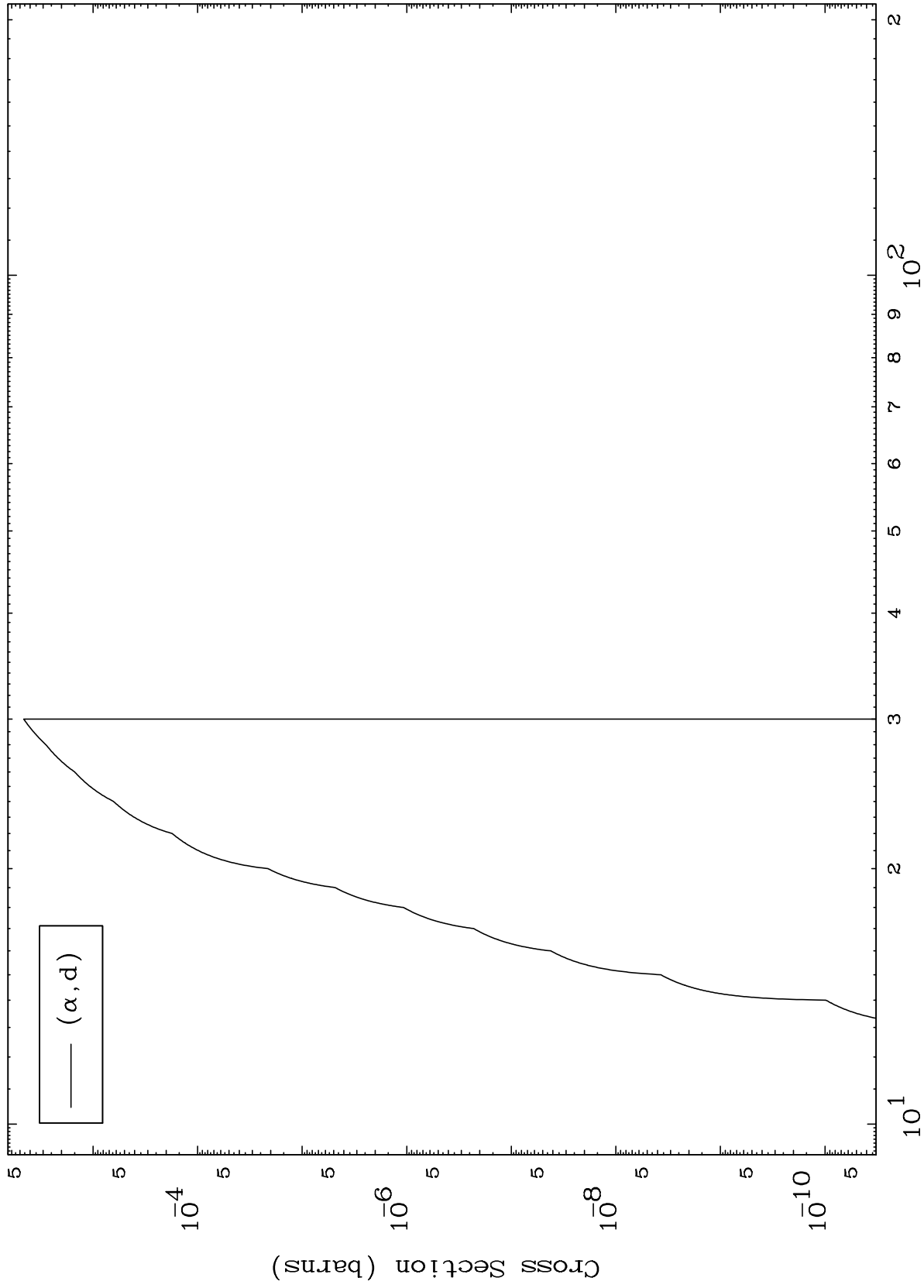
Incident Energy (MeV)

55-Cs-124

MAT 5499

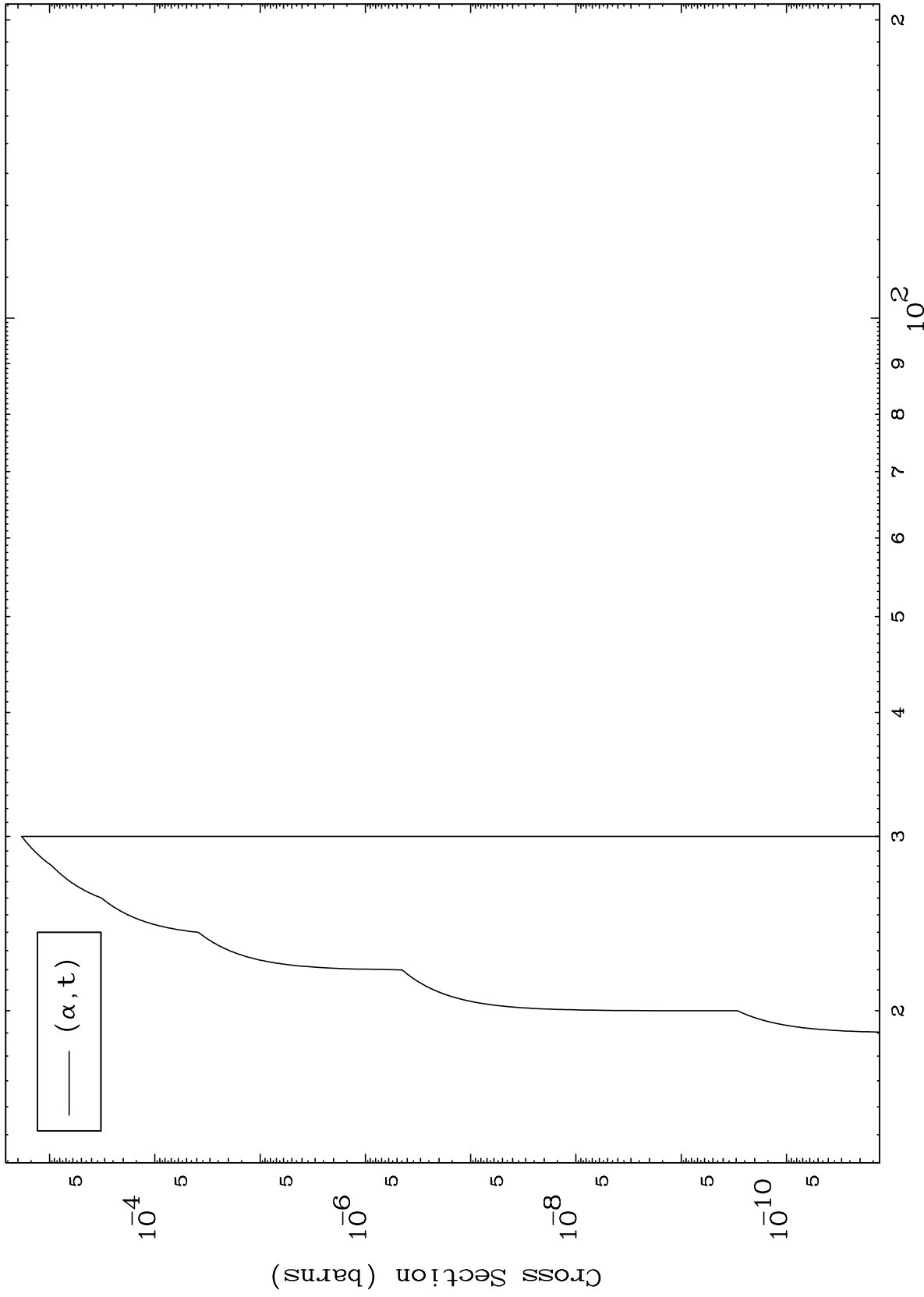
(α, d) Levels
0 Kelvin Cross Sections

55-Cs-124



Incident Energy (MeV)

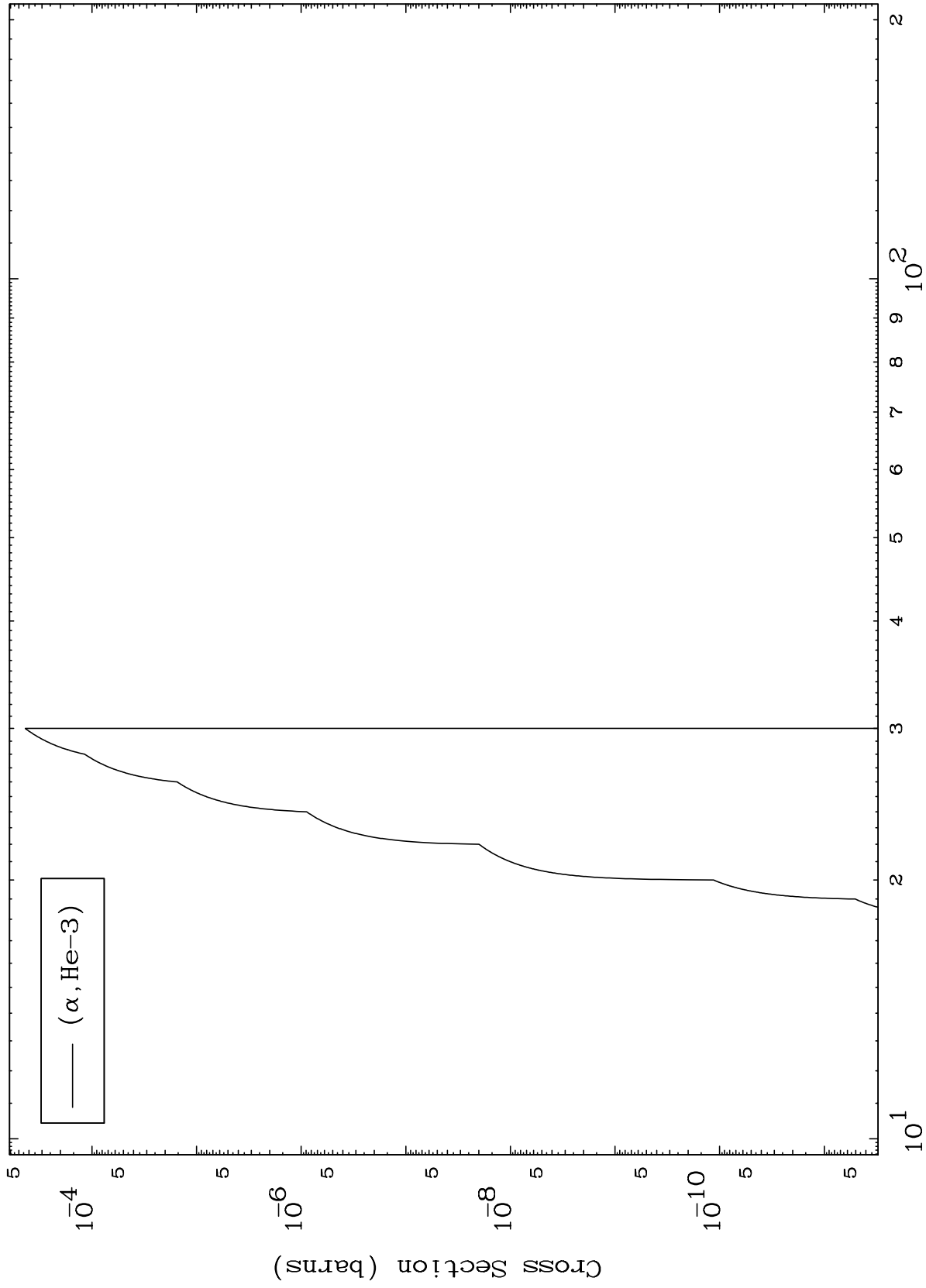
55-Cs-124



MAT 5499

(α ,He3) Levels
0 Kelvin Cross Sections

55-Cs-124



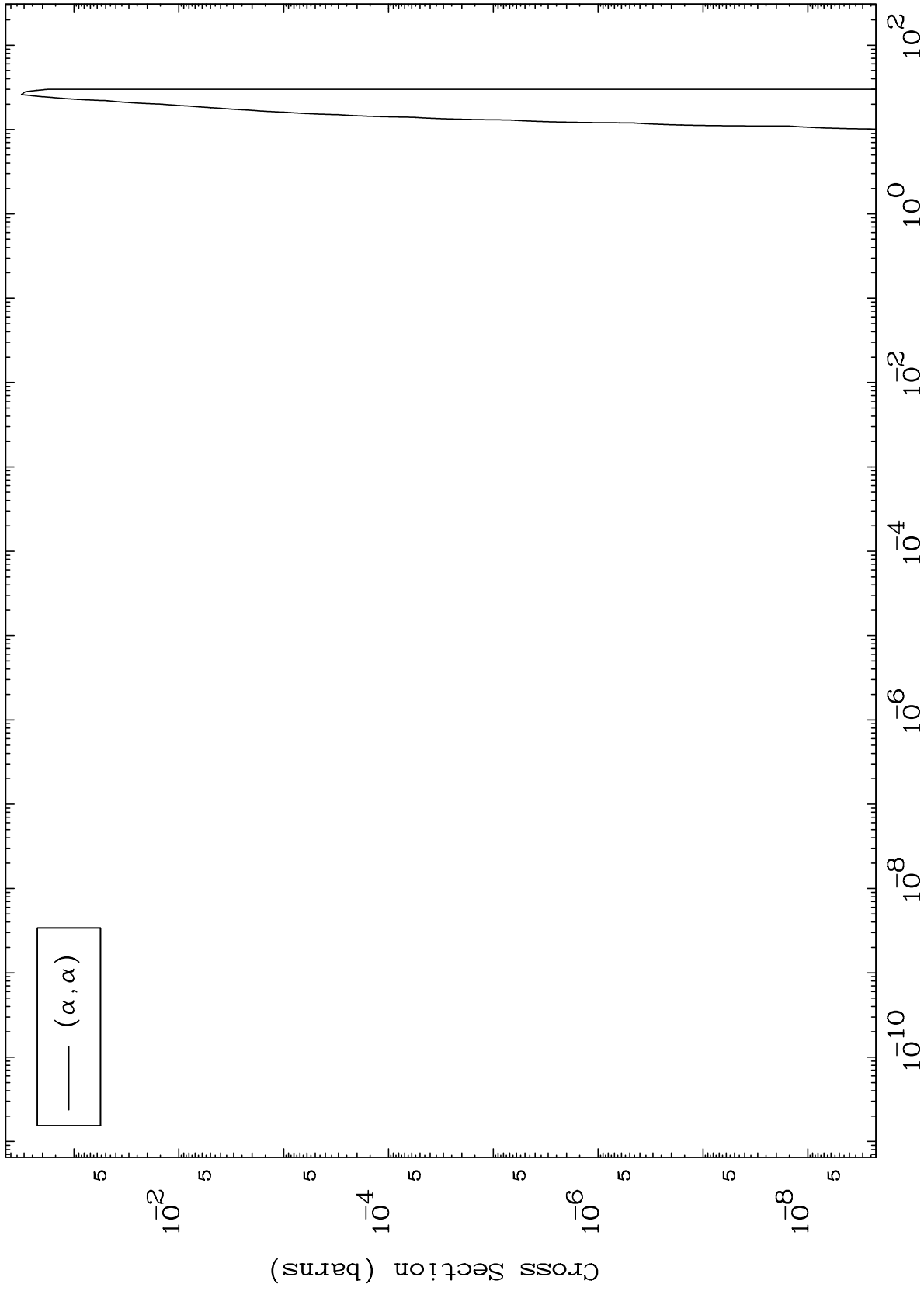
55-Cs-124

55-Cs-124

MAT 5499

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-124



10

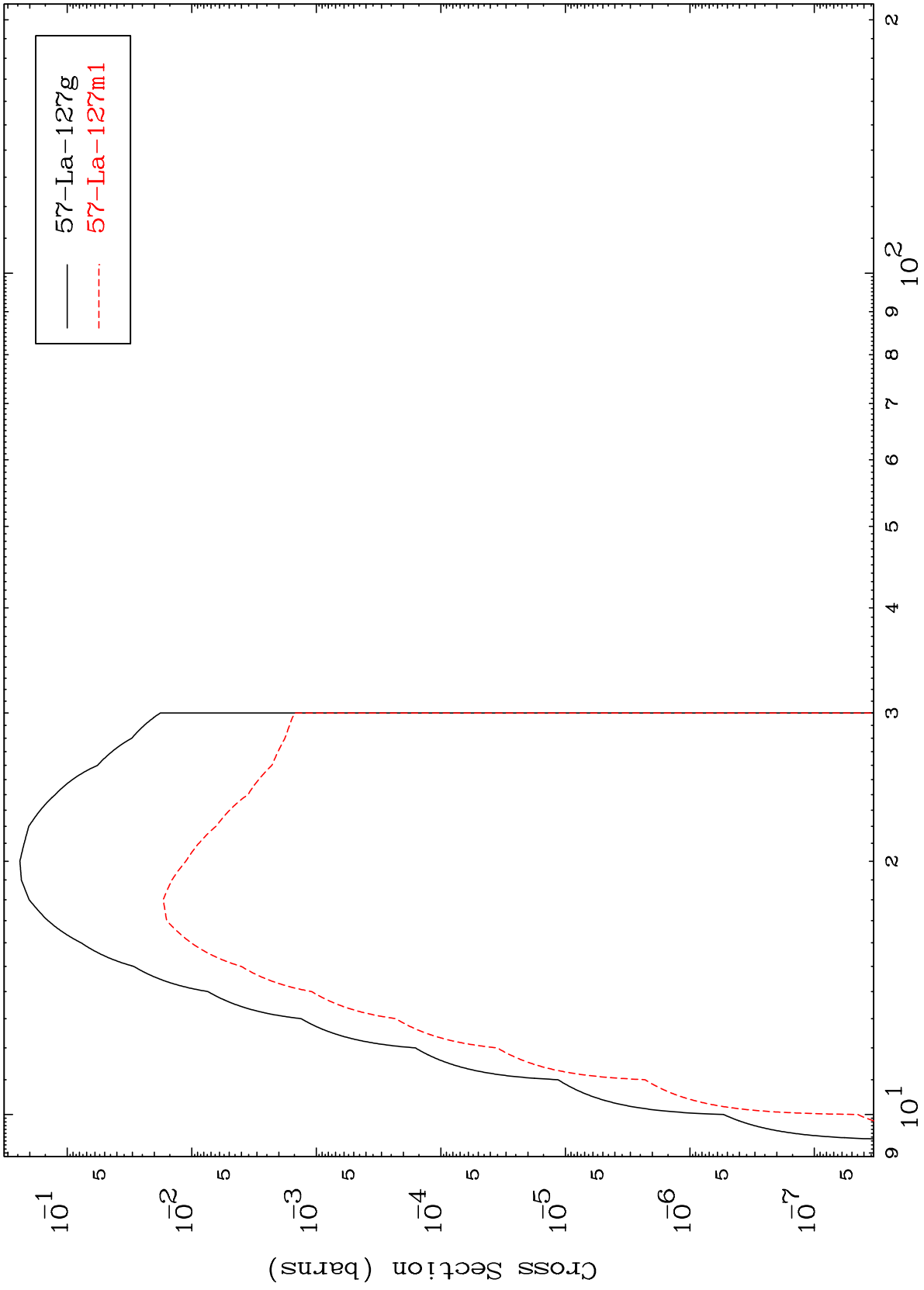
Incident Energy (MeV)

55-Cs-124

MAT 5499

Radionuclide Production Cross Section

55-Cs-124



11

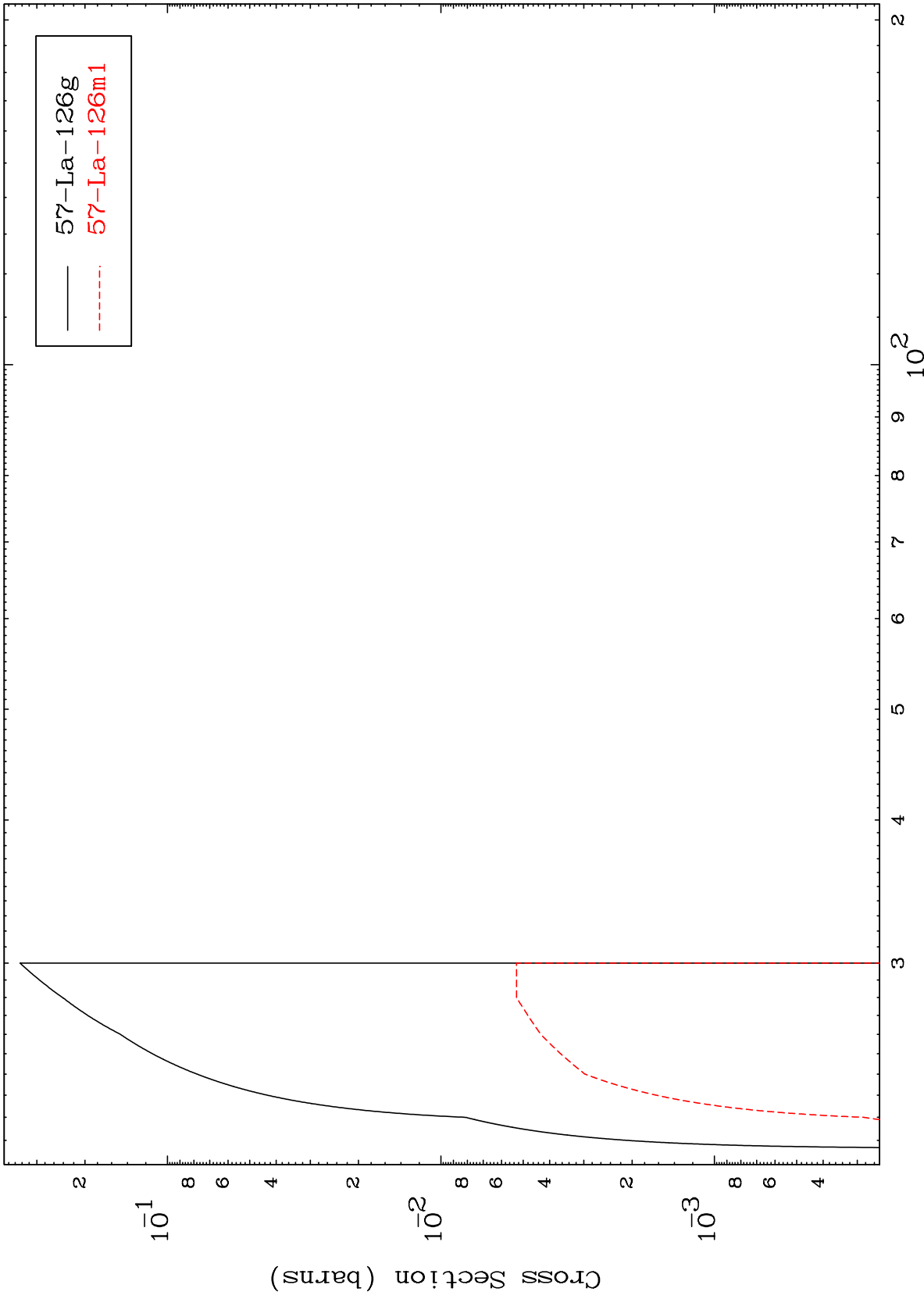
Incident Energy (MeV)

55-Cs-124

MAT 5499

55-Cs-124

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



12

Incident Energy (MeV)

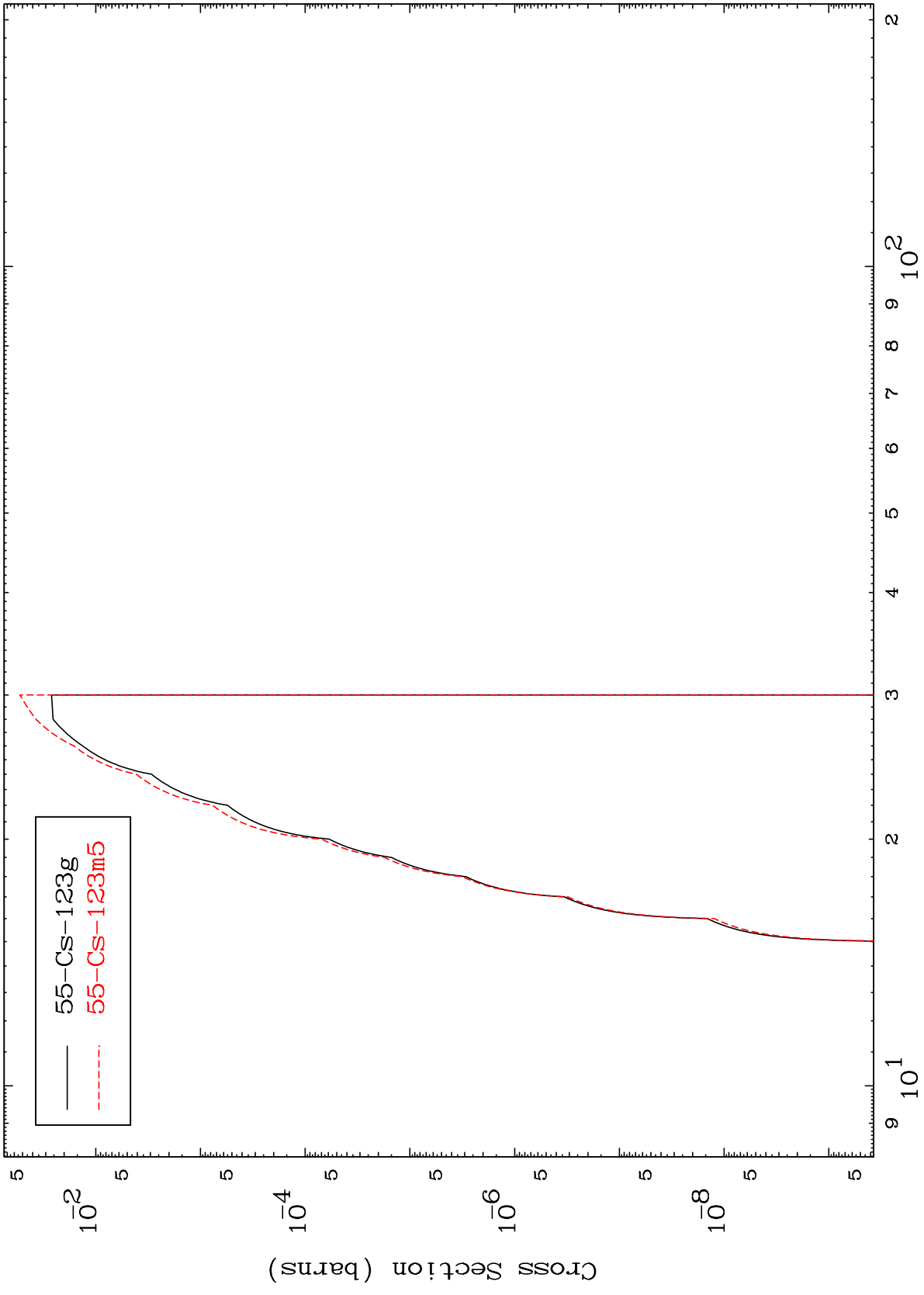
55-Cs-124

MAT 5499

(α, n') α

55-Cs-124

Radionuclide Production Cross Section



13

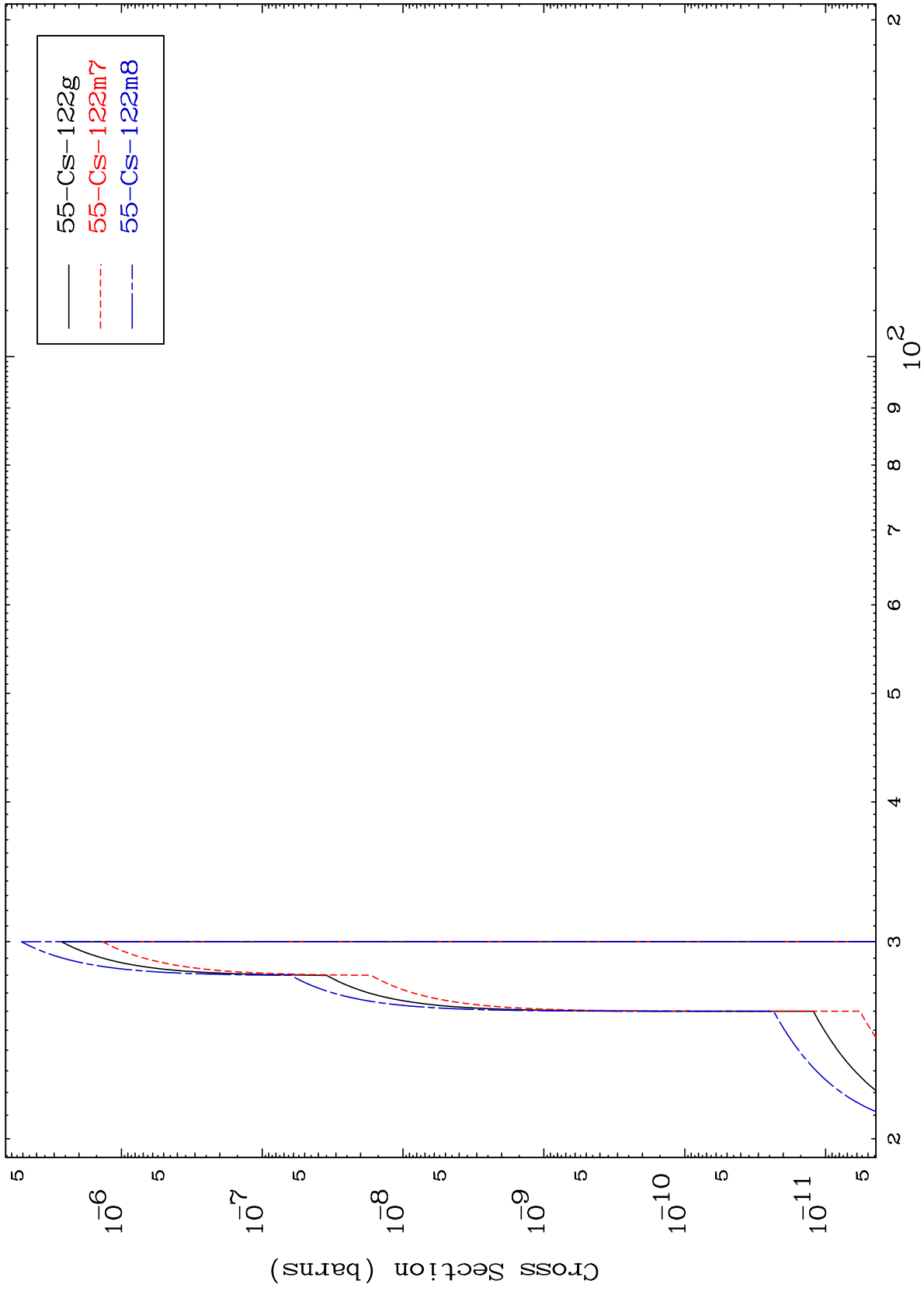
55-Cs-124

MAT 5499

$(\alpha, 2n) \alpha$

55-Cs-124

Radionuclide Production Cross Section



14

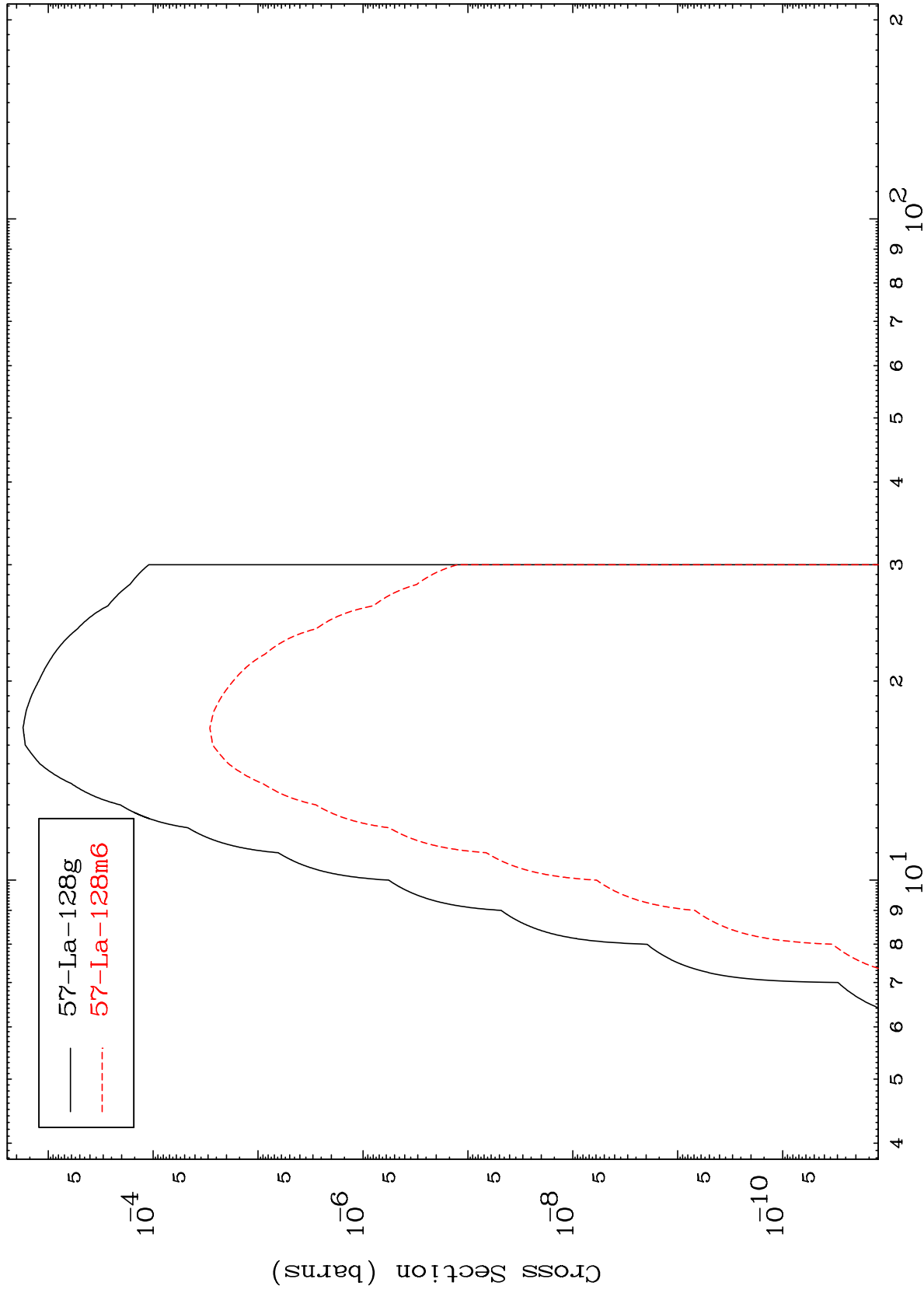
Incident Energy (MeV)

55-Cs-124

MAT 5499

Radionuclide Production Cross Section
(α, γ)

55-Cs-124



15

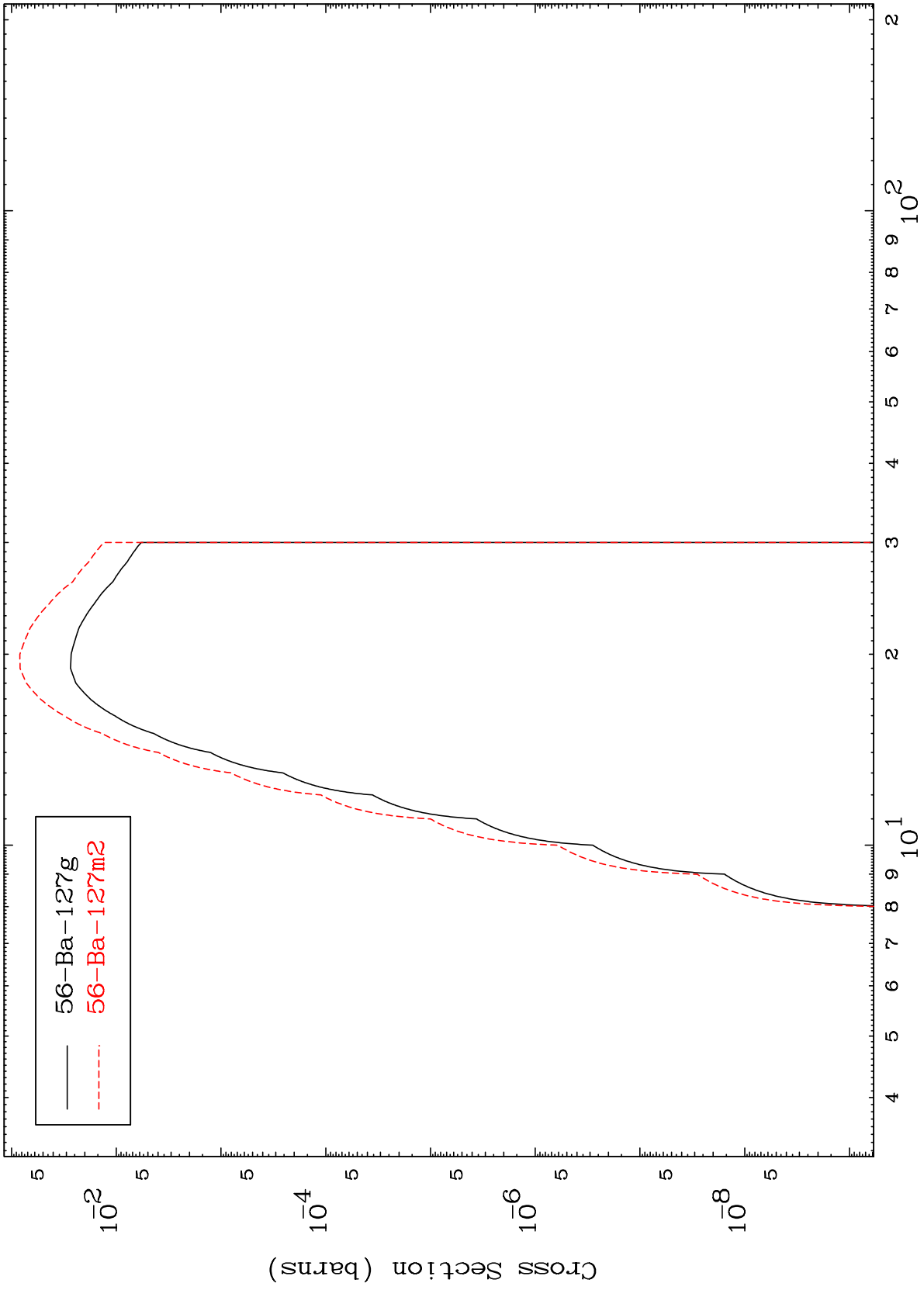
Incident Energy (MeV)

55-Cs-124

MAT 5499

55-Cs-124

(α, p)
Radionuclide Production Cross Section



16

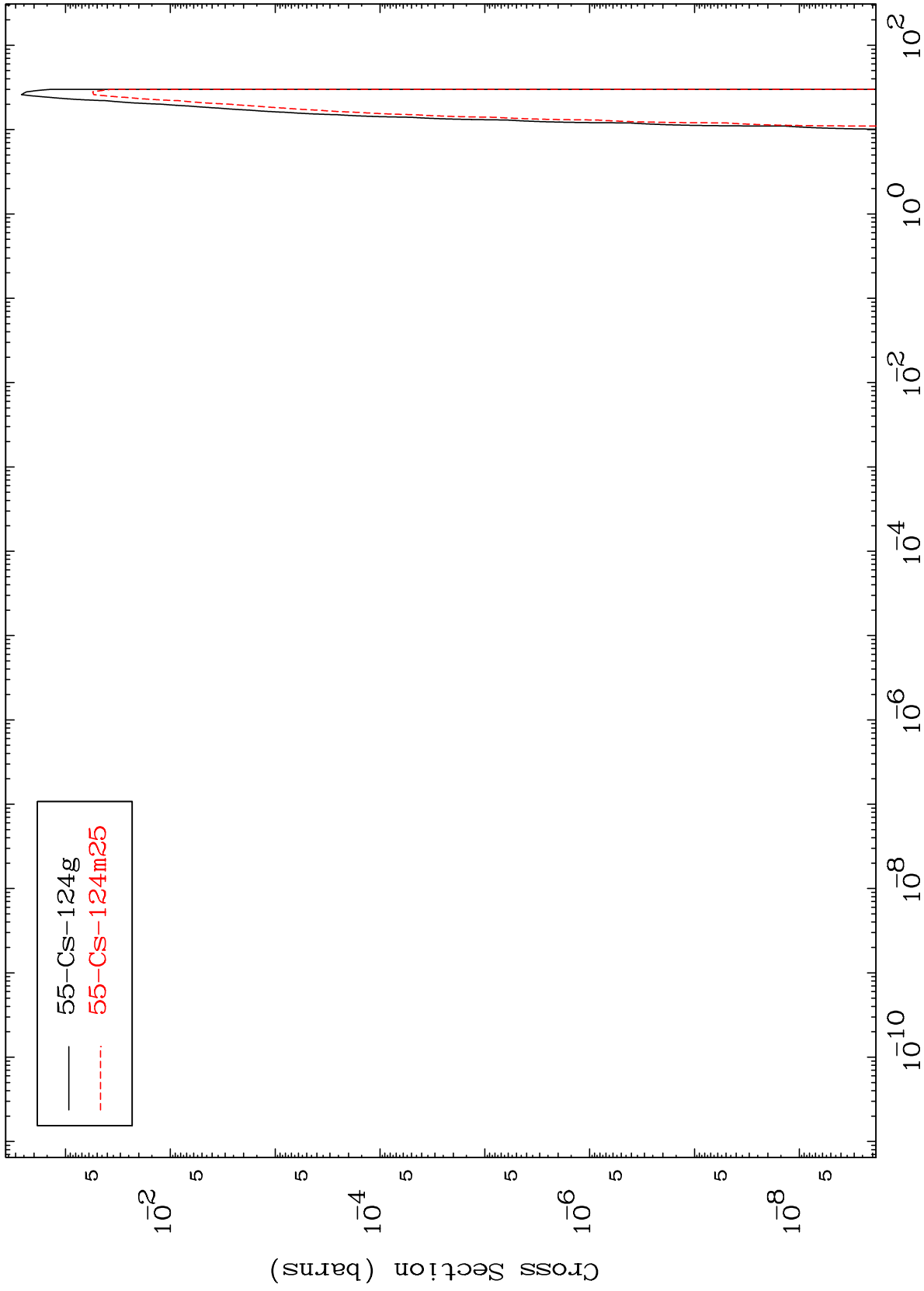
55-Cs-124

MAT 5499

(α, α)

55-Cs-124

Radionuclide Production Cross Section

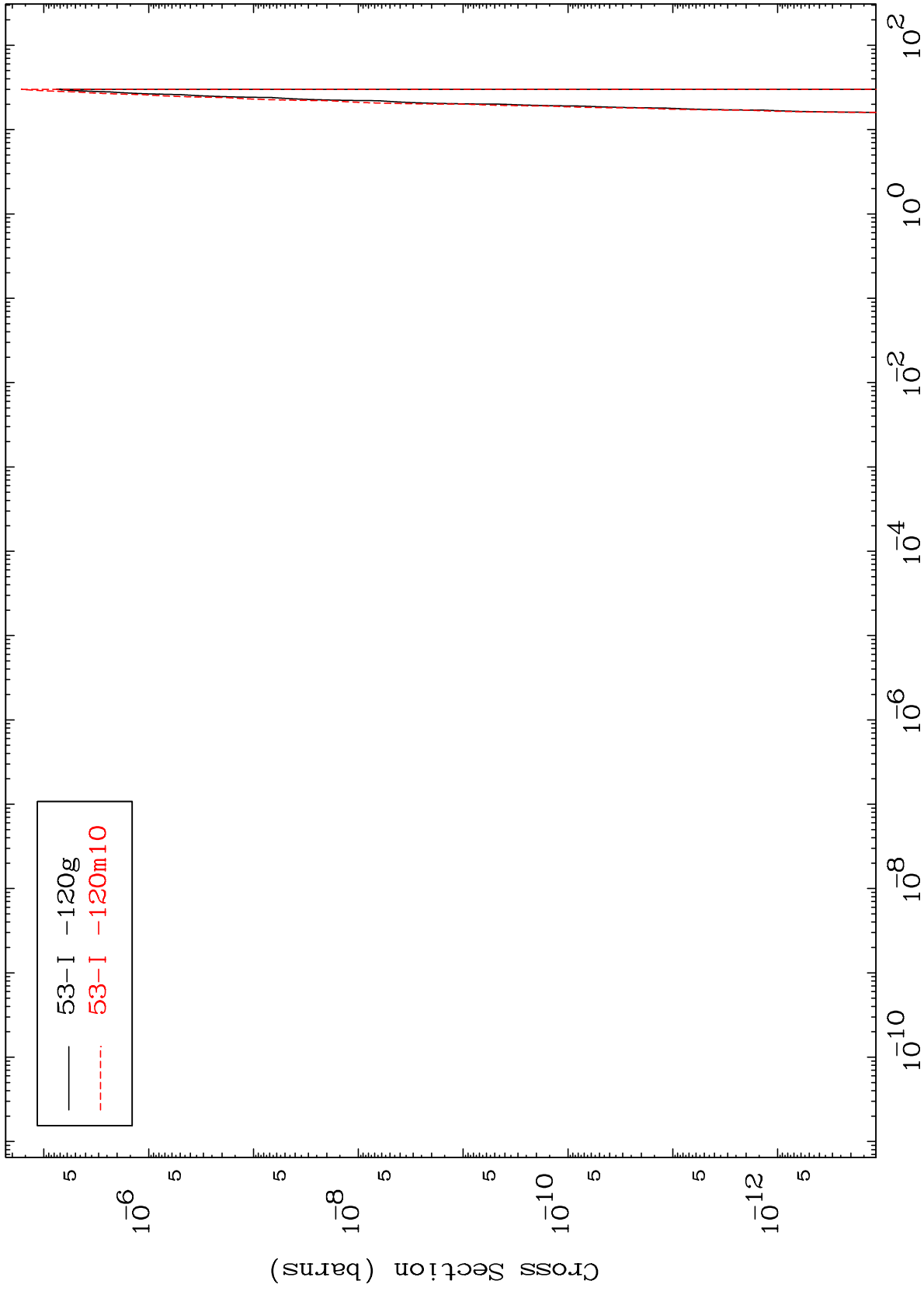


MAT 5499

($\alpha, 2\alpha$)

55-Cs-124

Radionuclide Production Cross Section



18

Incident Energy (MeV)

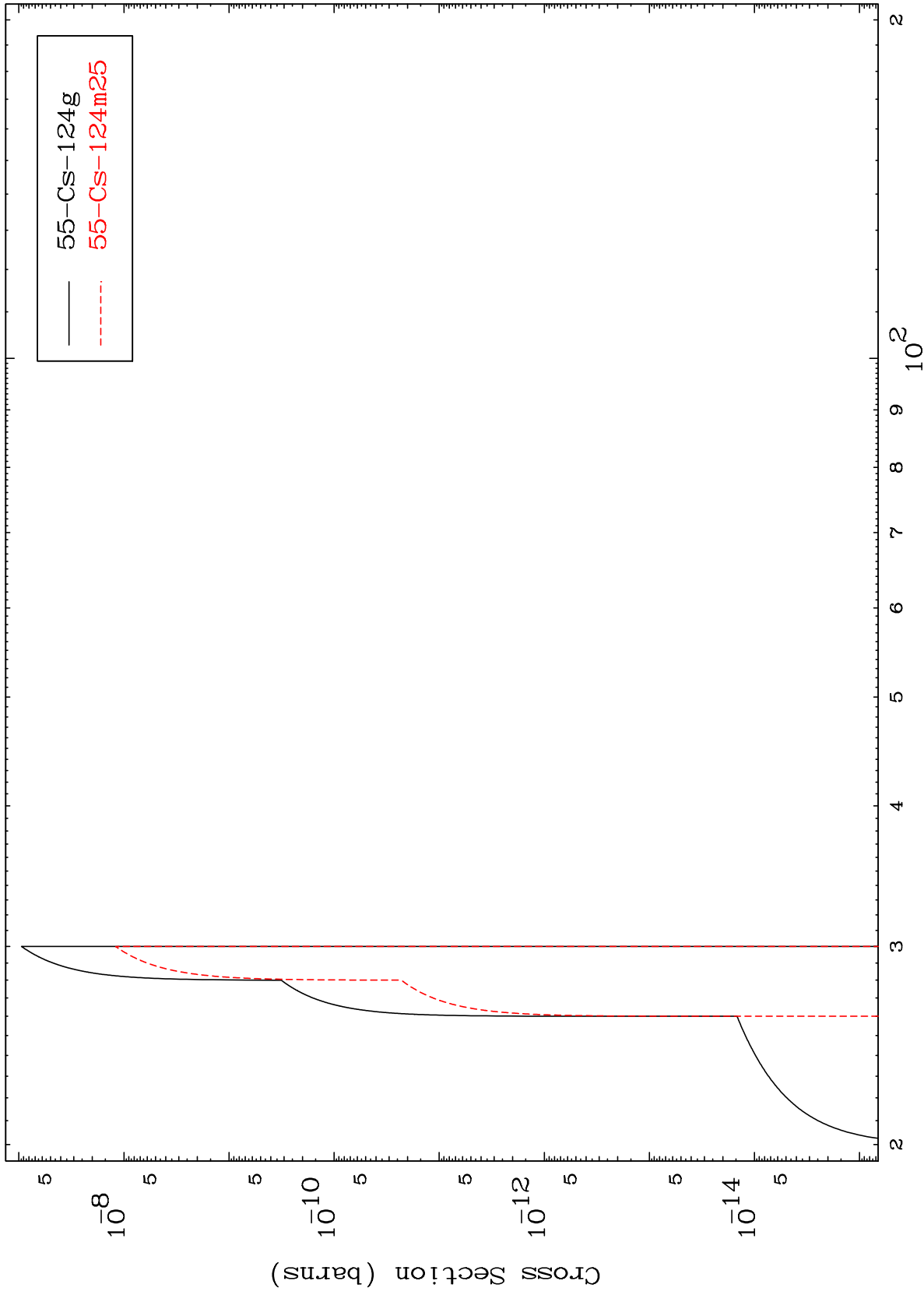
55-Cs-124

MAT 5499

(α, p) t

55-Cs-124

Radionuclide Production Cross Section



19

Incident Energy (MeV)

55-Cs-124