

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

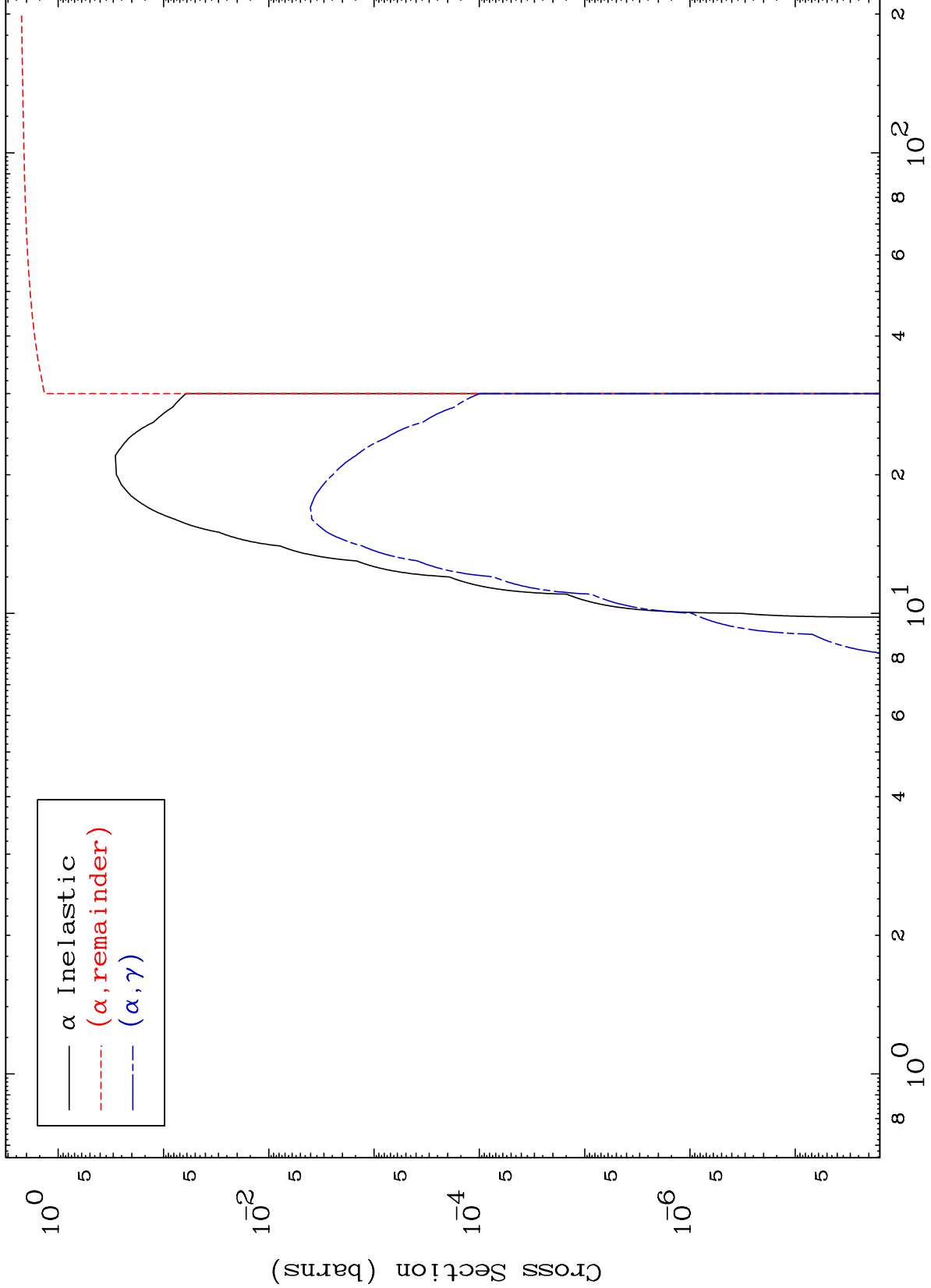
Press Mouse Button to Start

MAT 5498

α Major

55-Cs-124

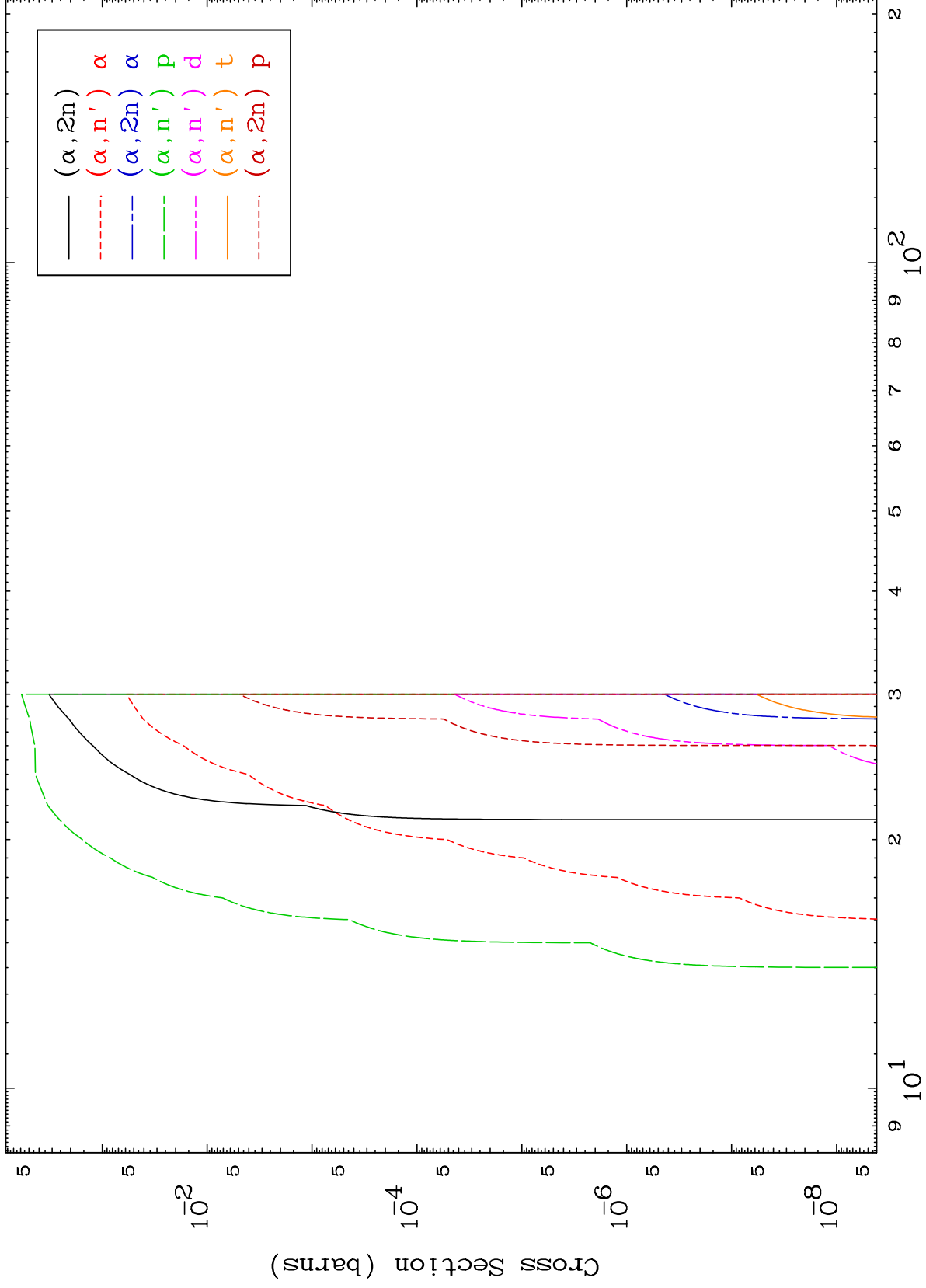
0 Kelvin Cross Sections

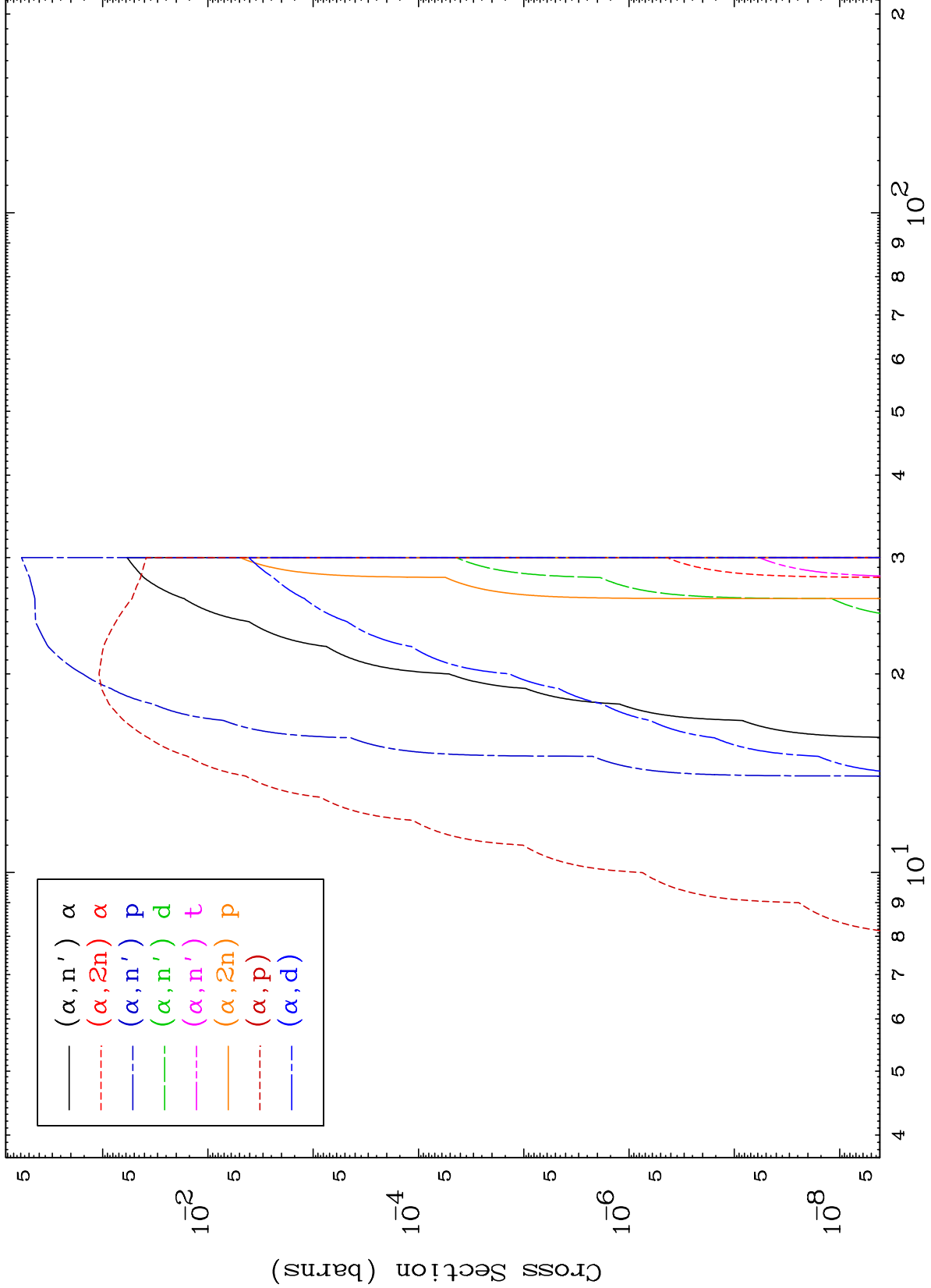


1

Incident Energy (MeV)

55-Cs-124

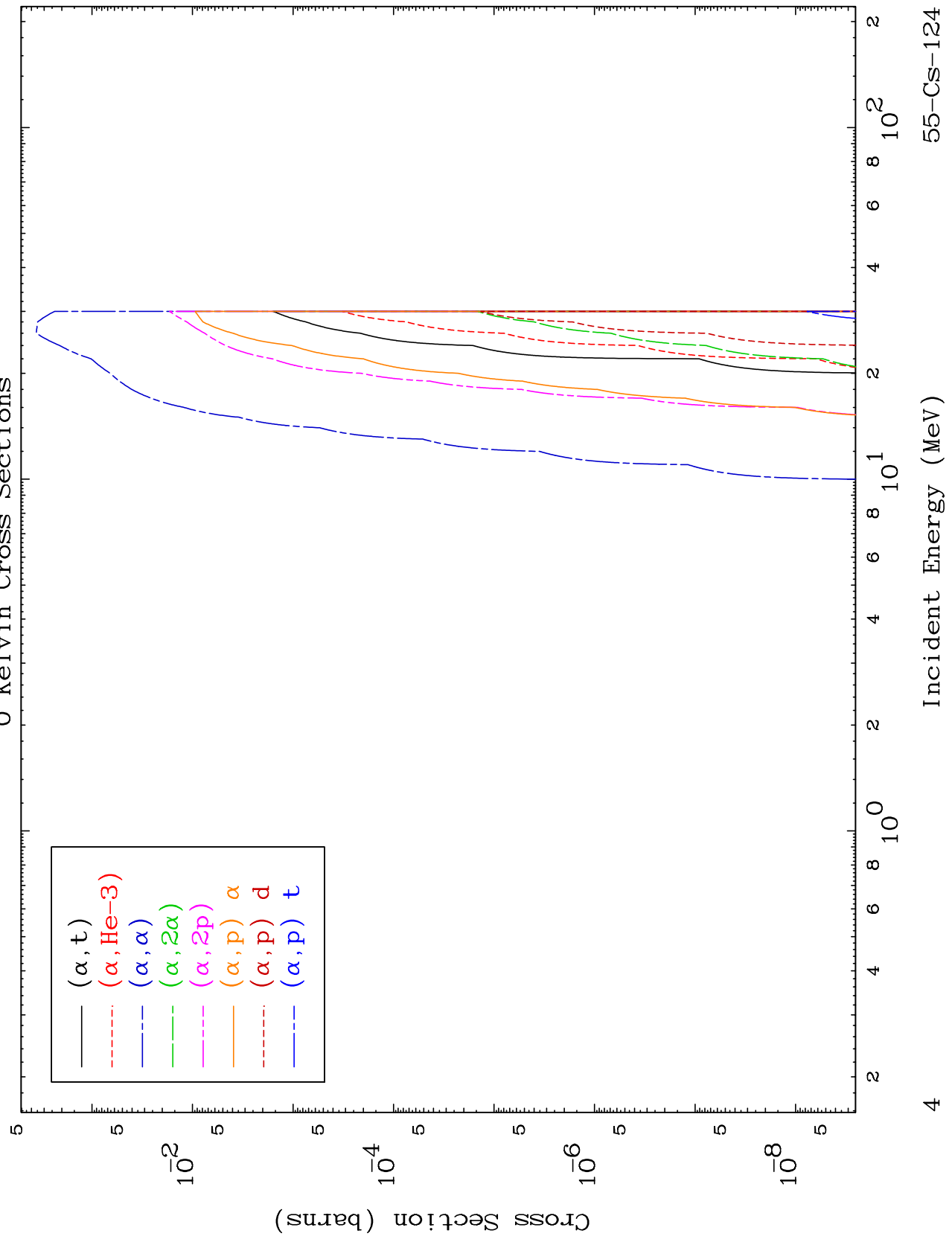




MAT 5498

α Charged Particle
0 Kelvin Cross Sections

55-Cs-124

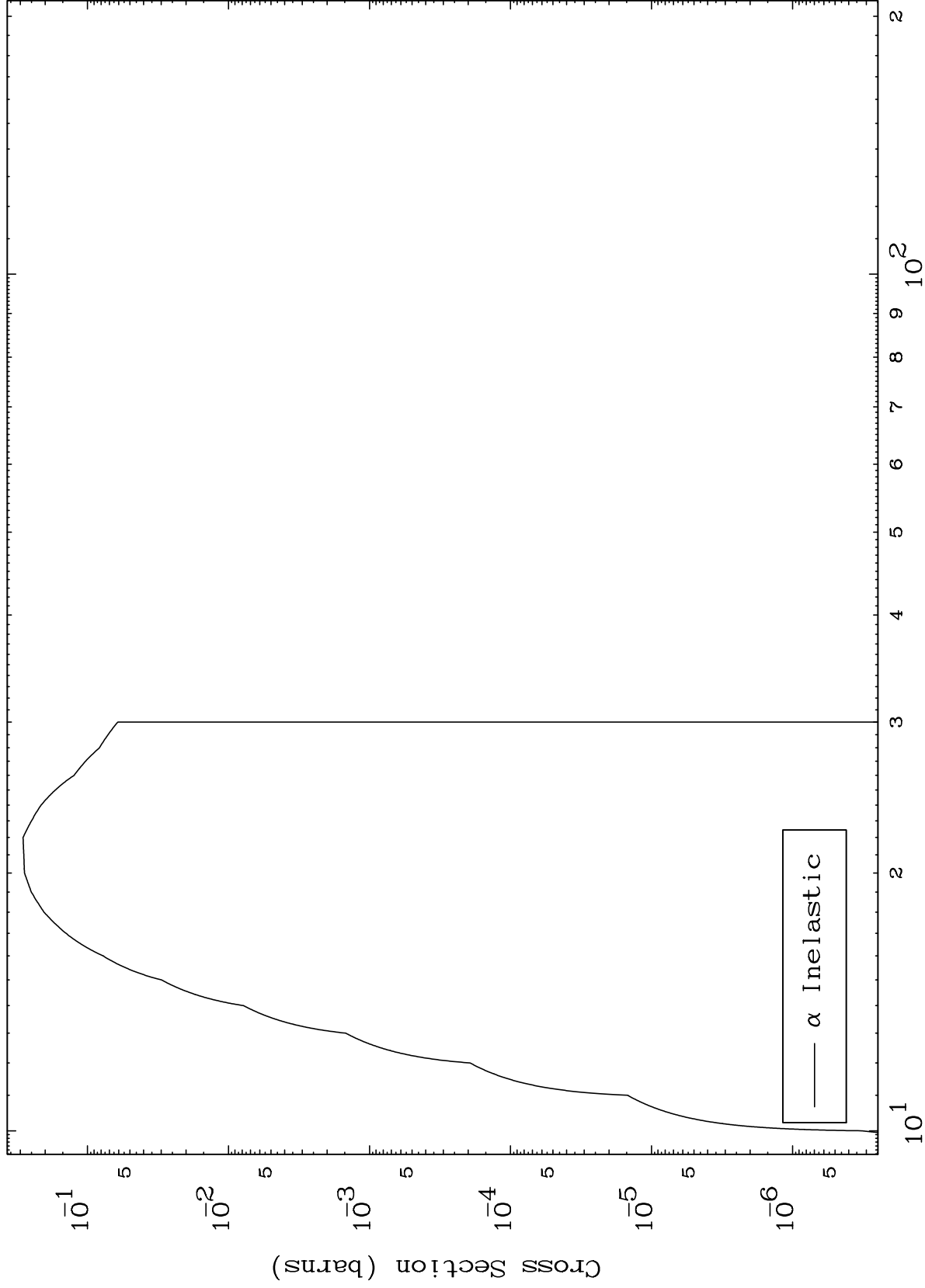


MAT 5498

(α, n') Level

55-Cs-124

0 Kelvin Cross Sections



Incident Energy (MeV)

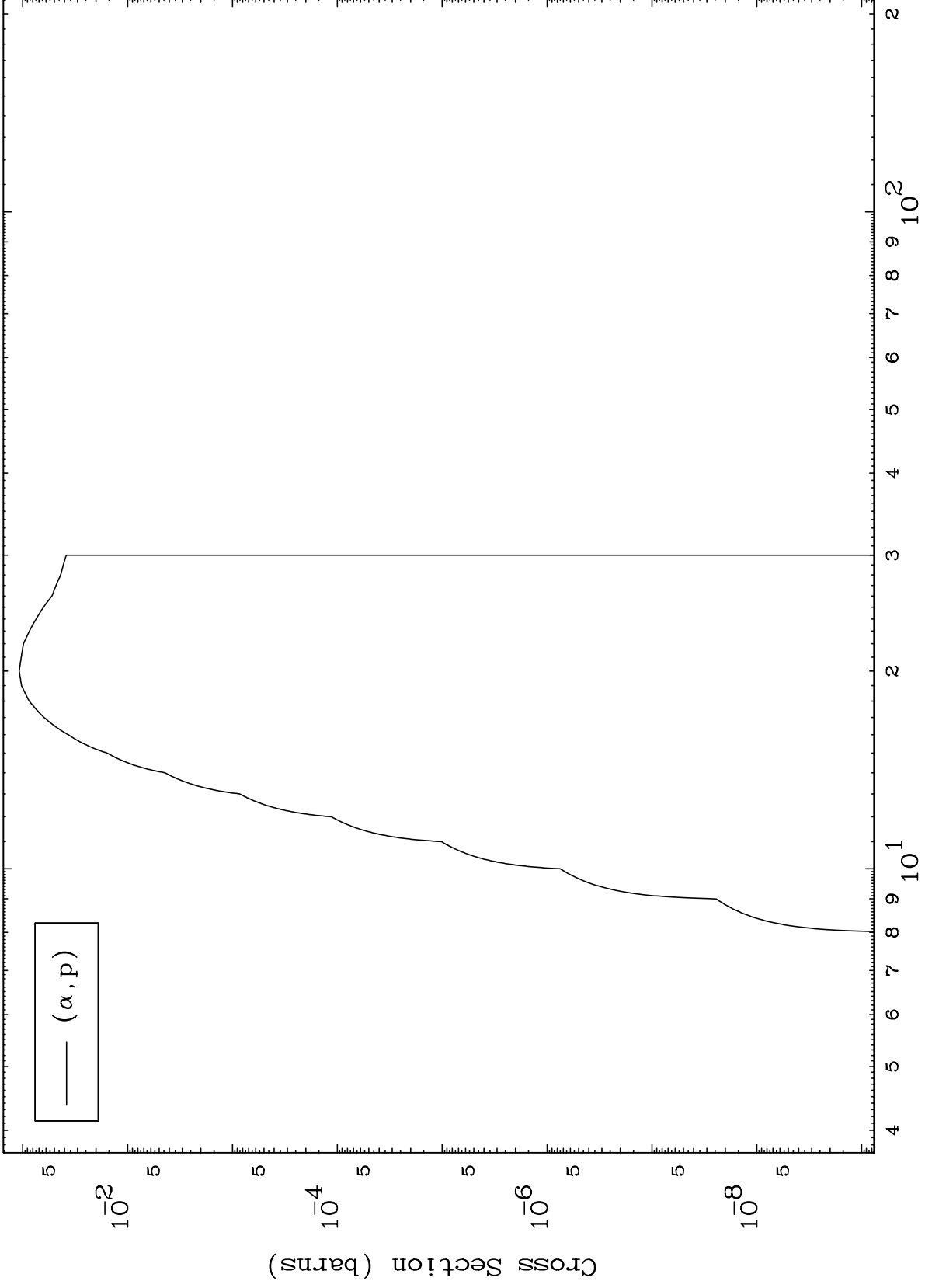
55-Cs-124

MAT 5498

(α, p) Levels

55-Cs-124

0 Kelvin Cross Sections



6

Incident Energy (MeV)

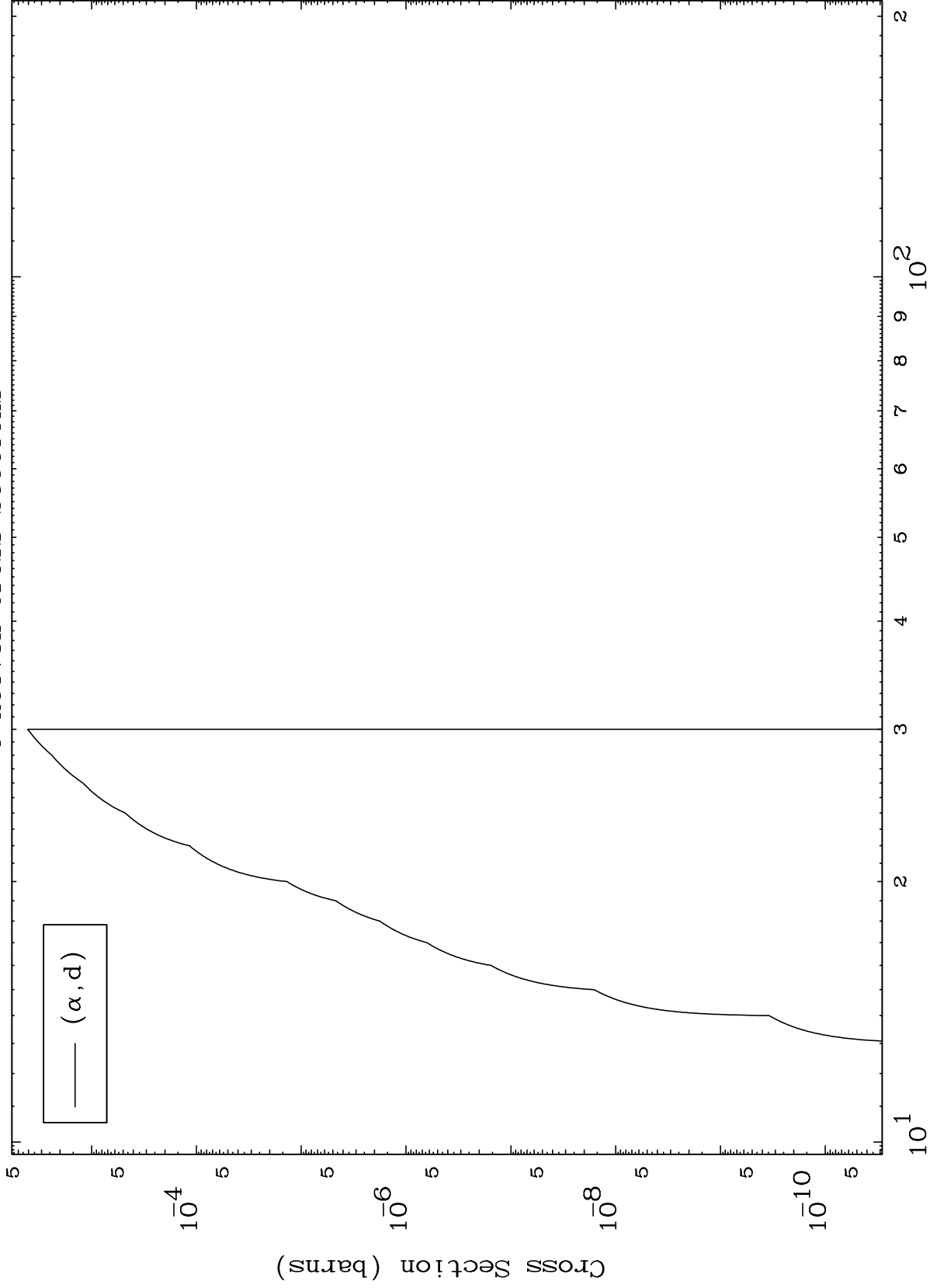
55-Cs-124

MAT 5498

(α, d) Levels

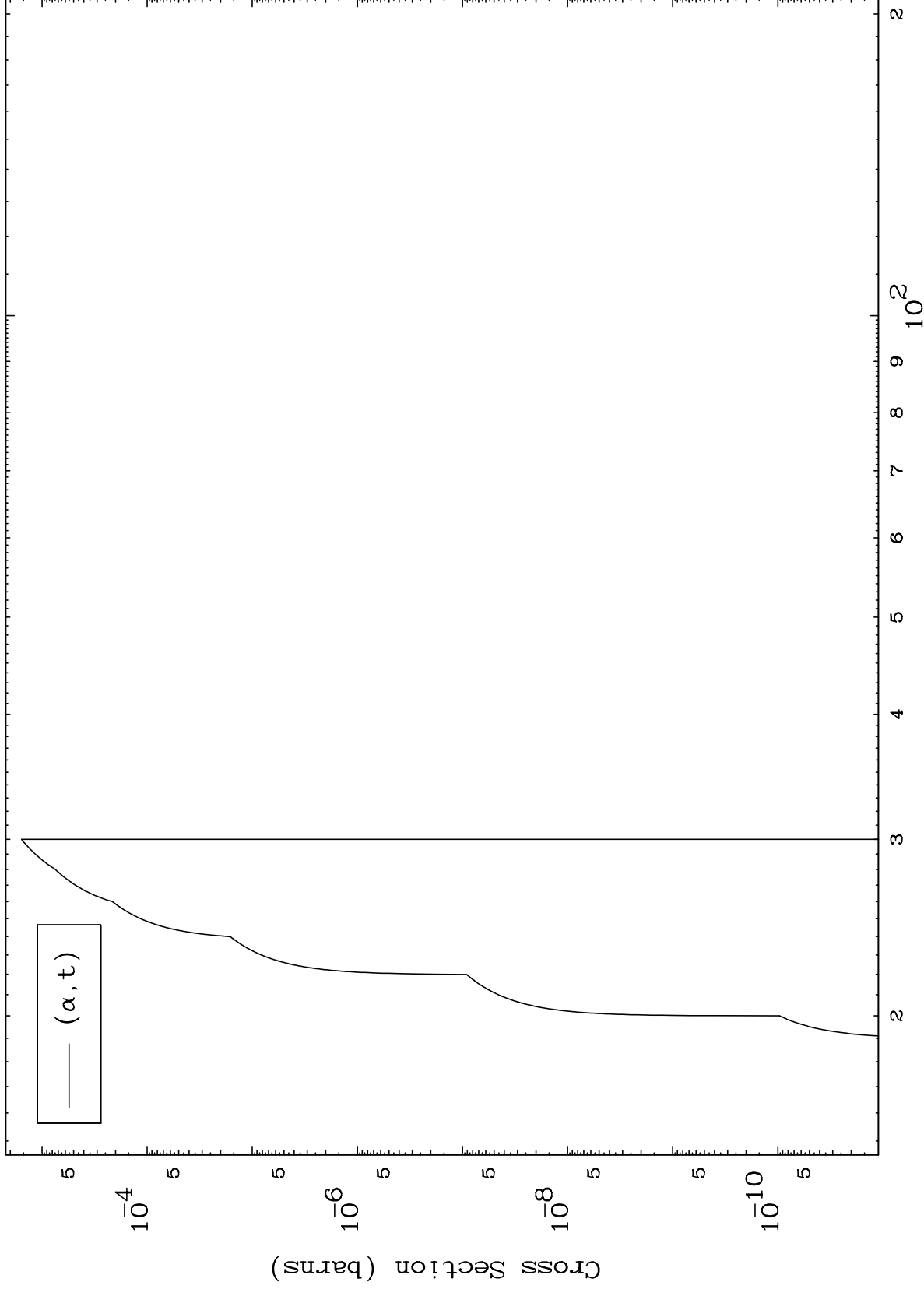
55-Cs-124

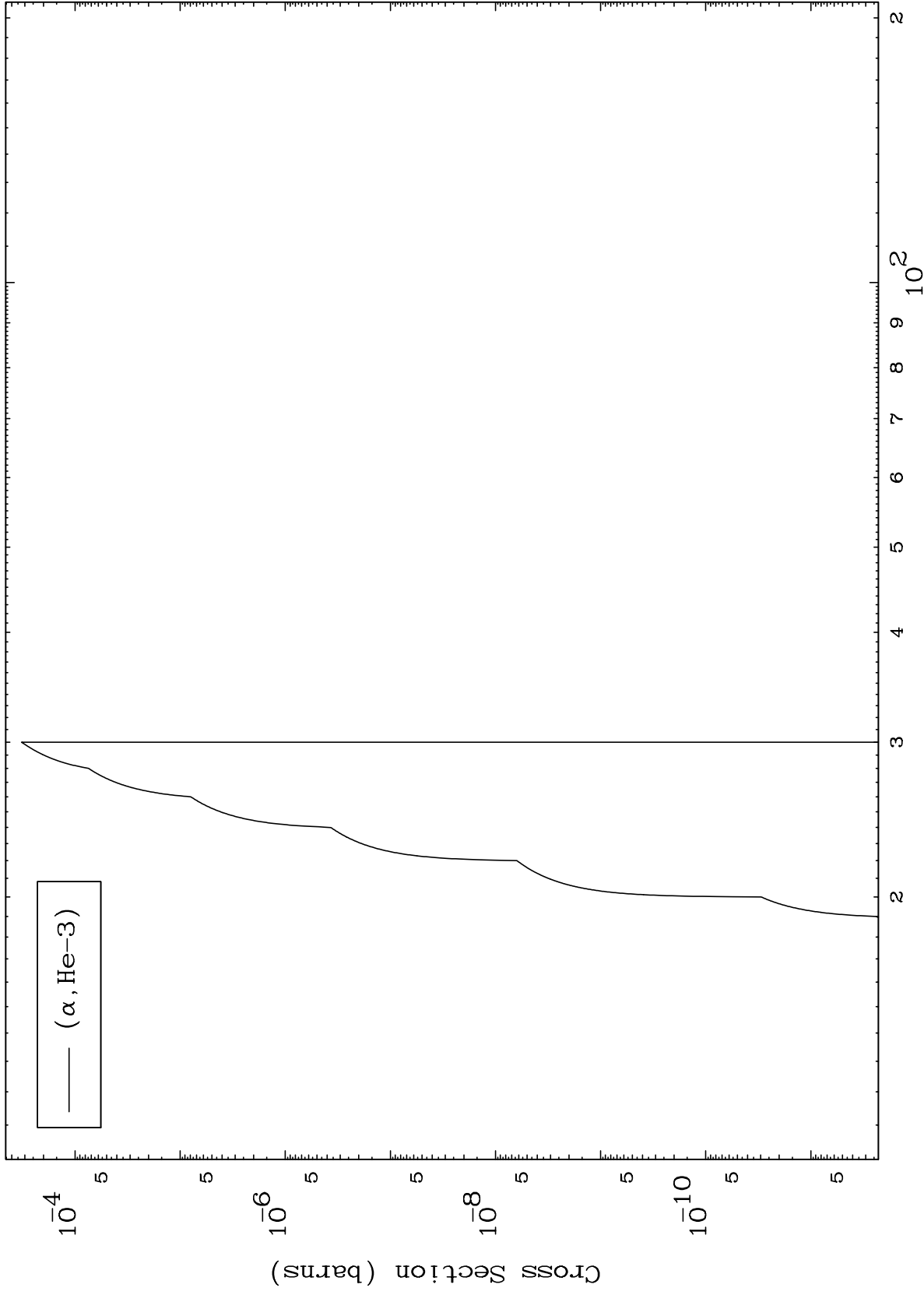
0 Kelvin Cross Sections



Incident Energy (MeV)

55-Cs-124



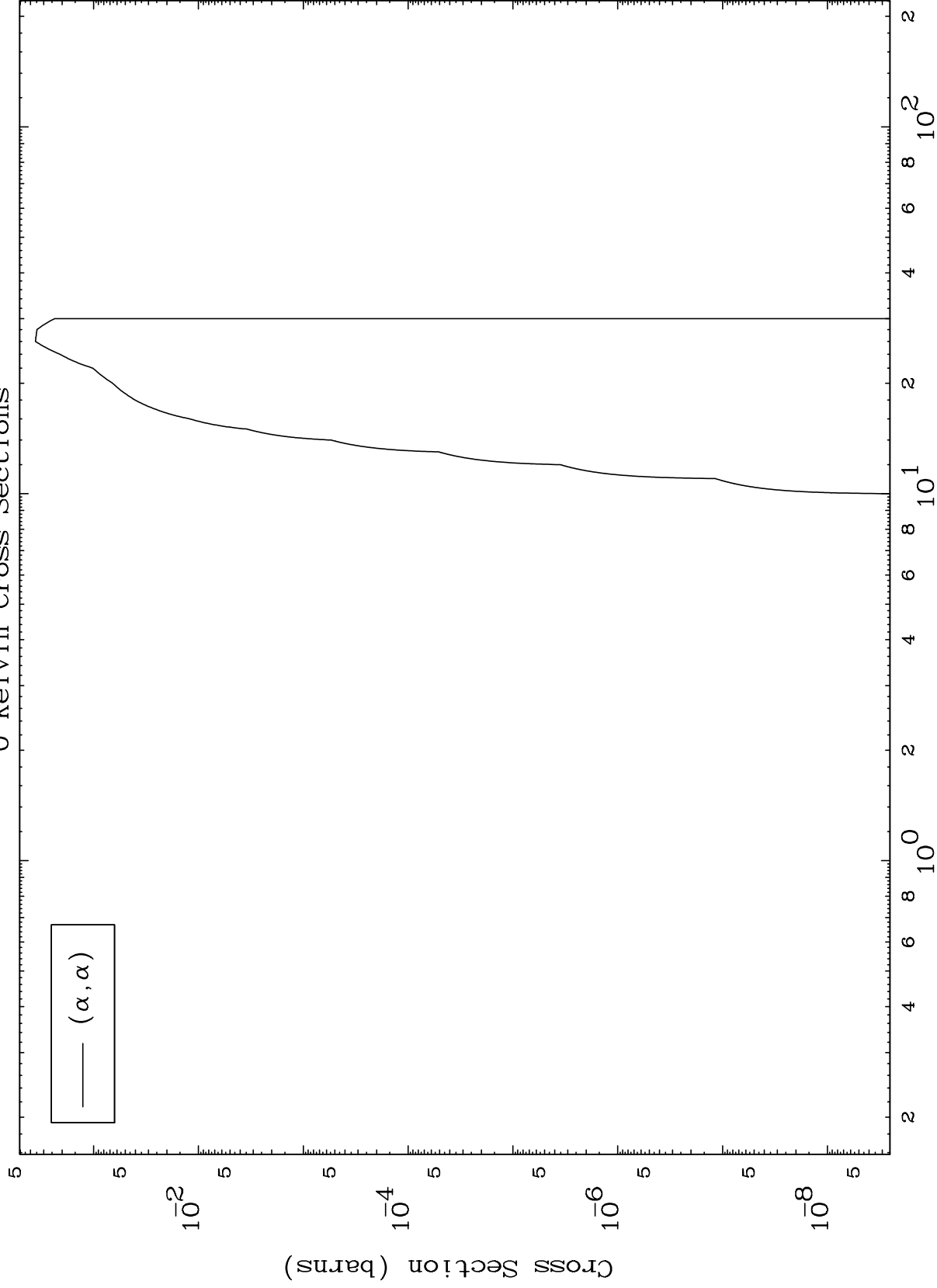


MAT 5498

(α, α) Levels

55-Cs-124

0 Kelvin Cross Sections

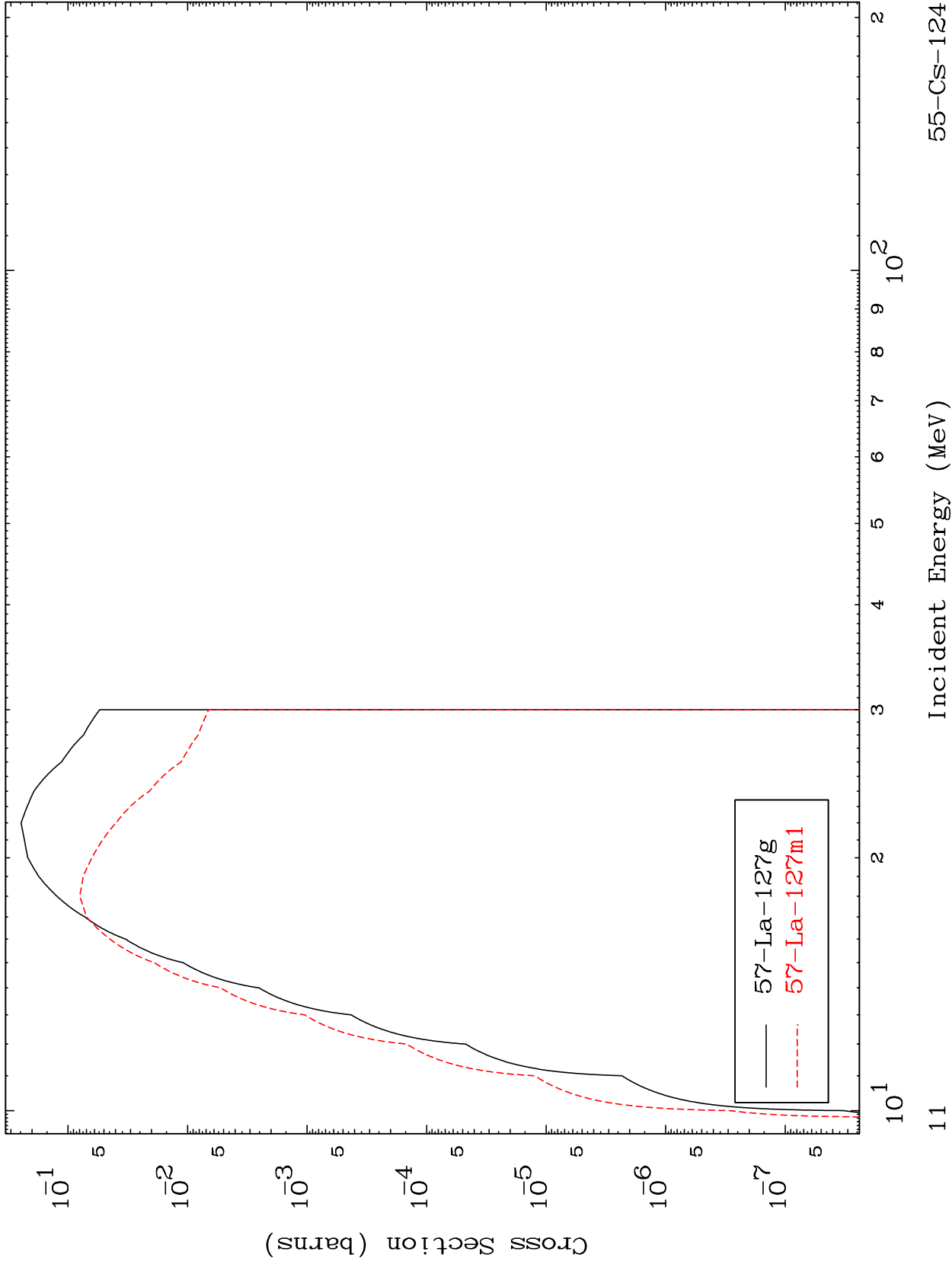


10

Incident Energy (MeV)

55-Cs-124

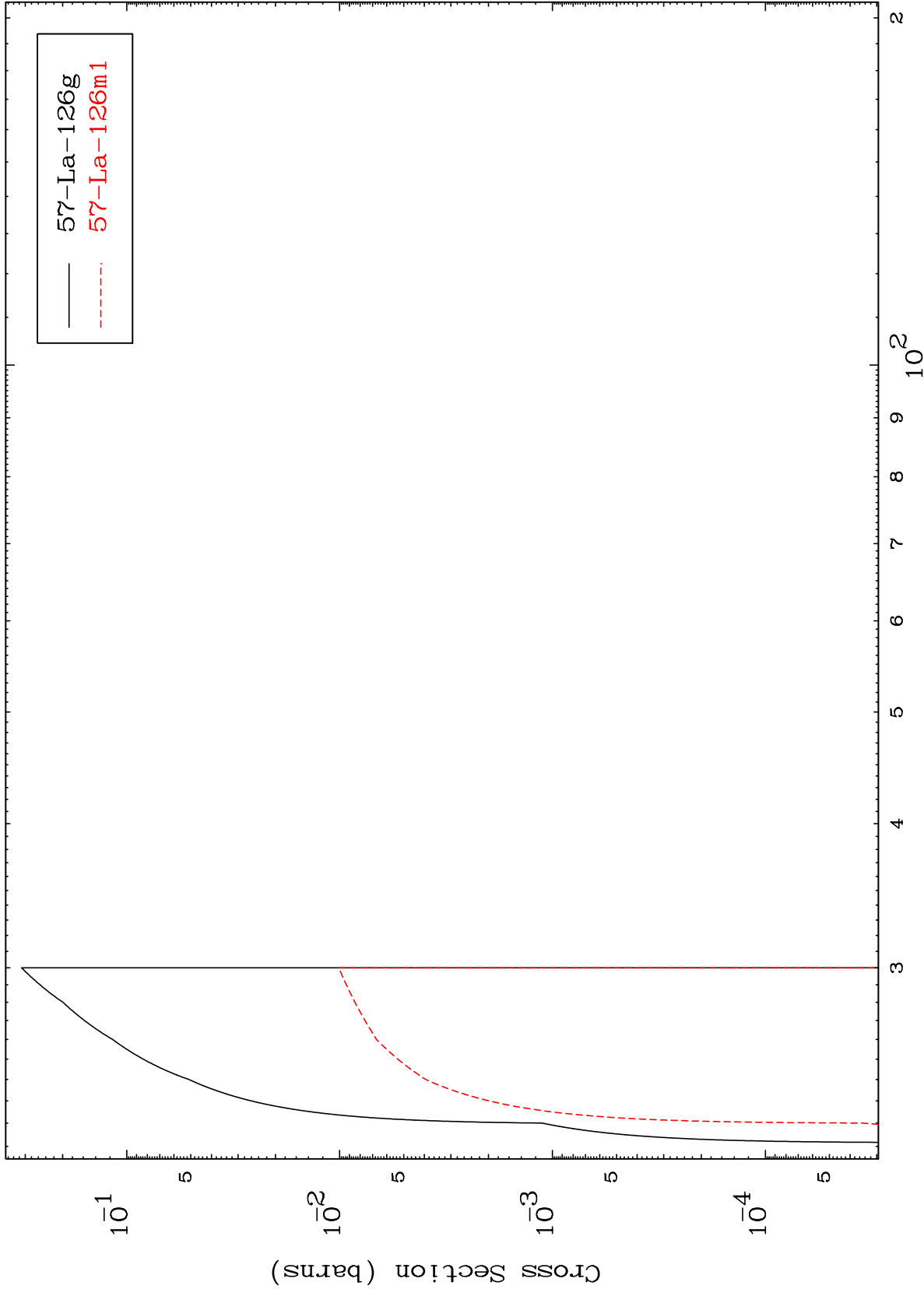
Radionuclide Production Cross Section
 α Inelastic



MAT 5498

55-Cs-124

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



55-Cs-124

Incident Energy (MeV)

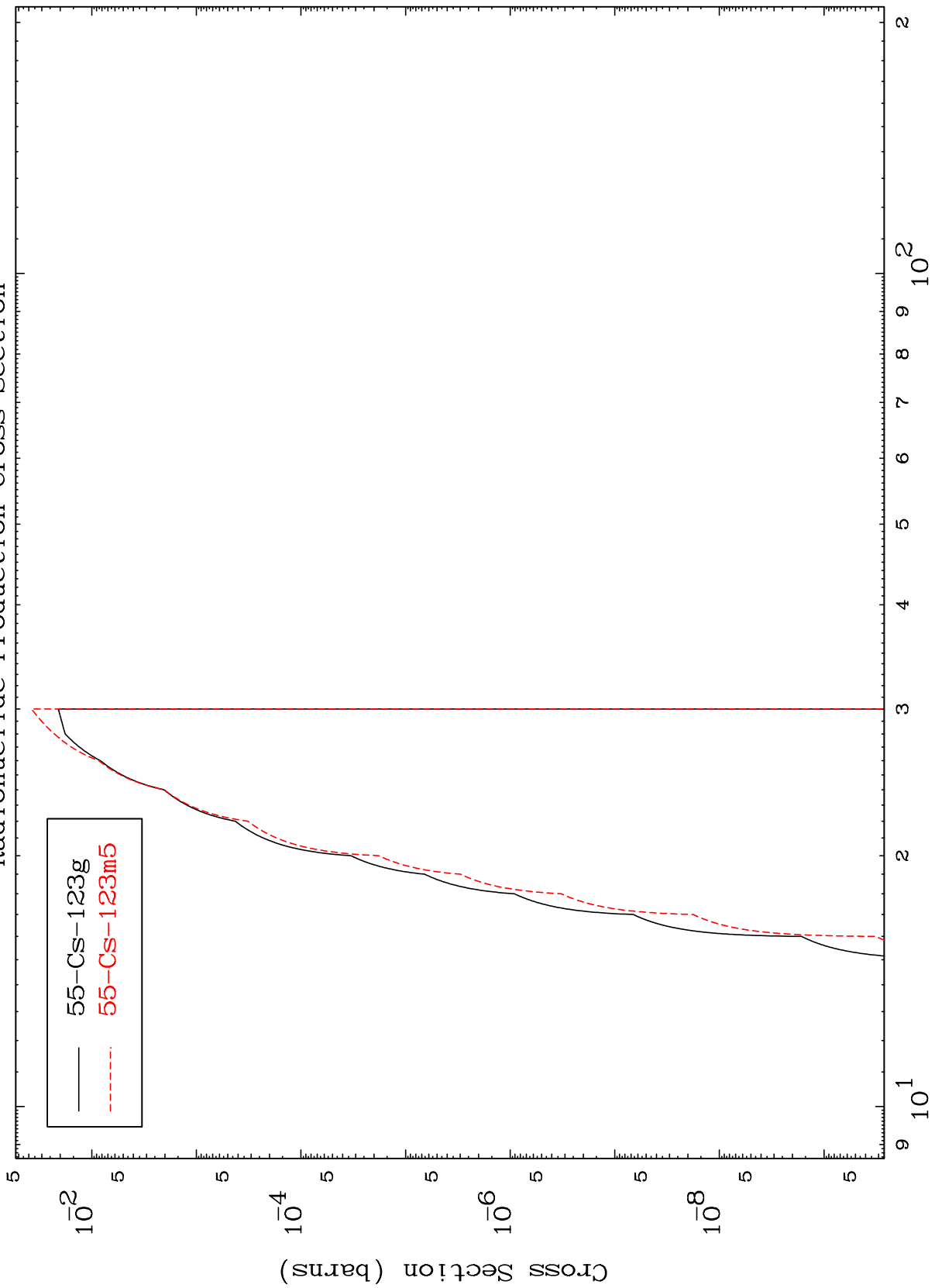
12

MAT 5498

(α, n') α

55-Cs-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

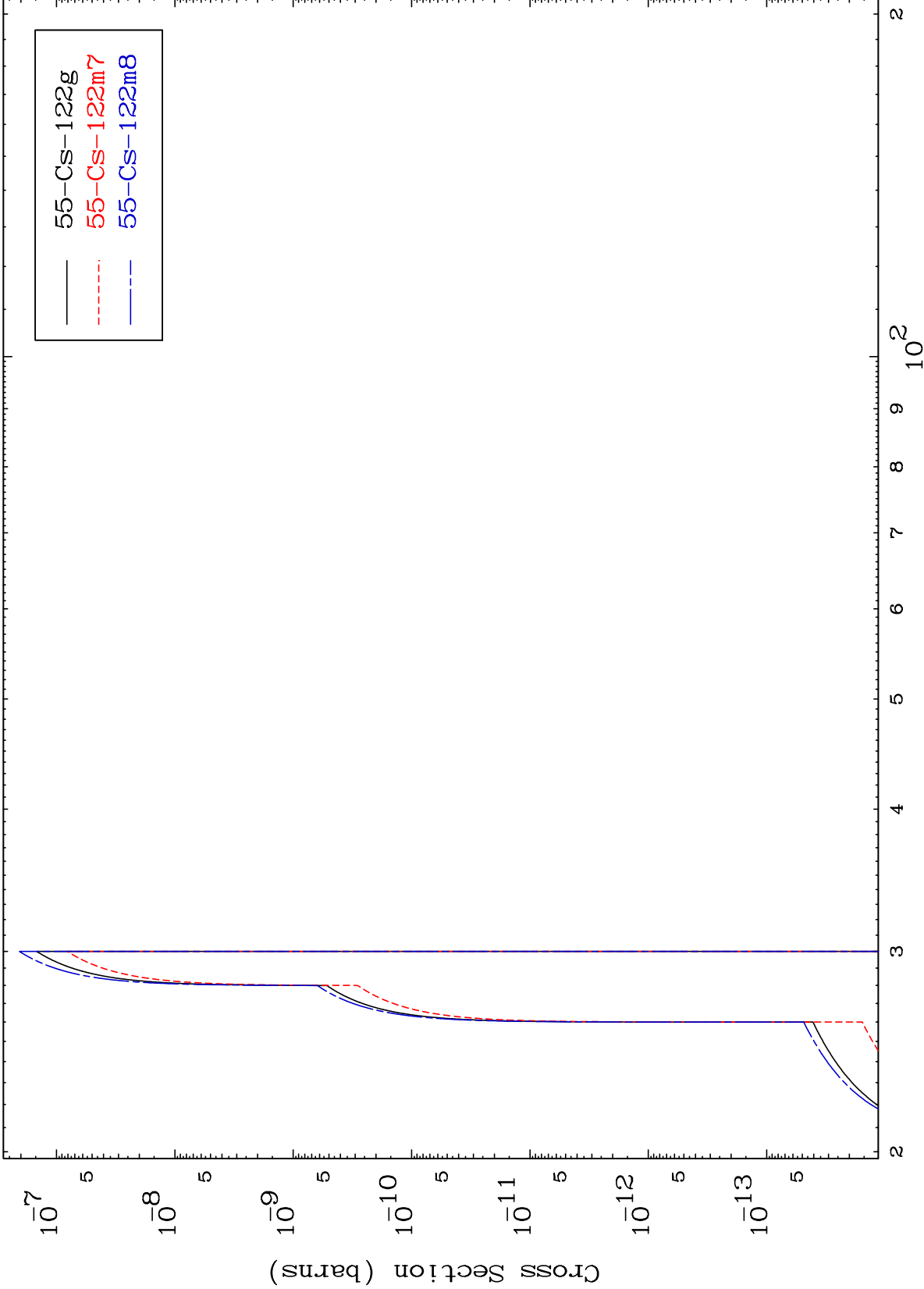
55-Cs-124

MAT 5498

$(\alpha, 2n)$ α

55-Cs-124

Radionuclide Production Cross Section



14

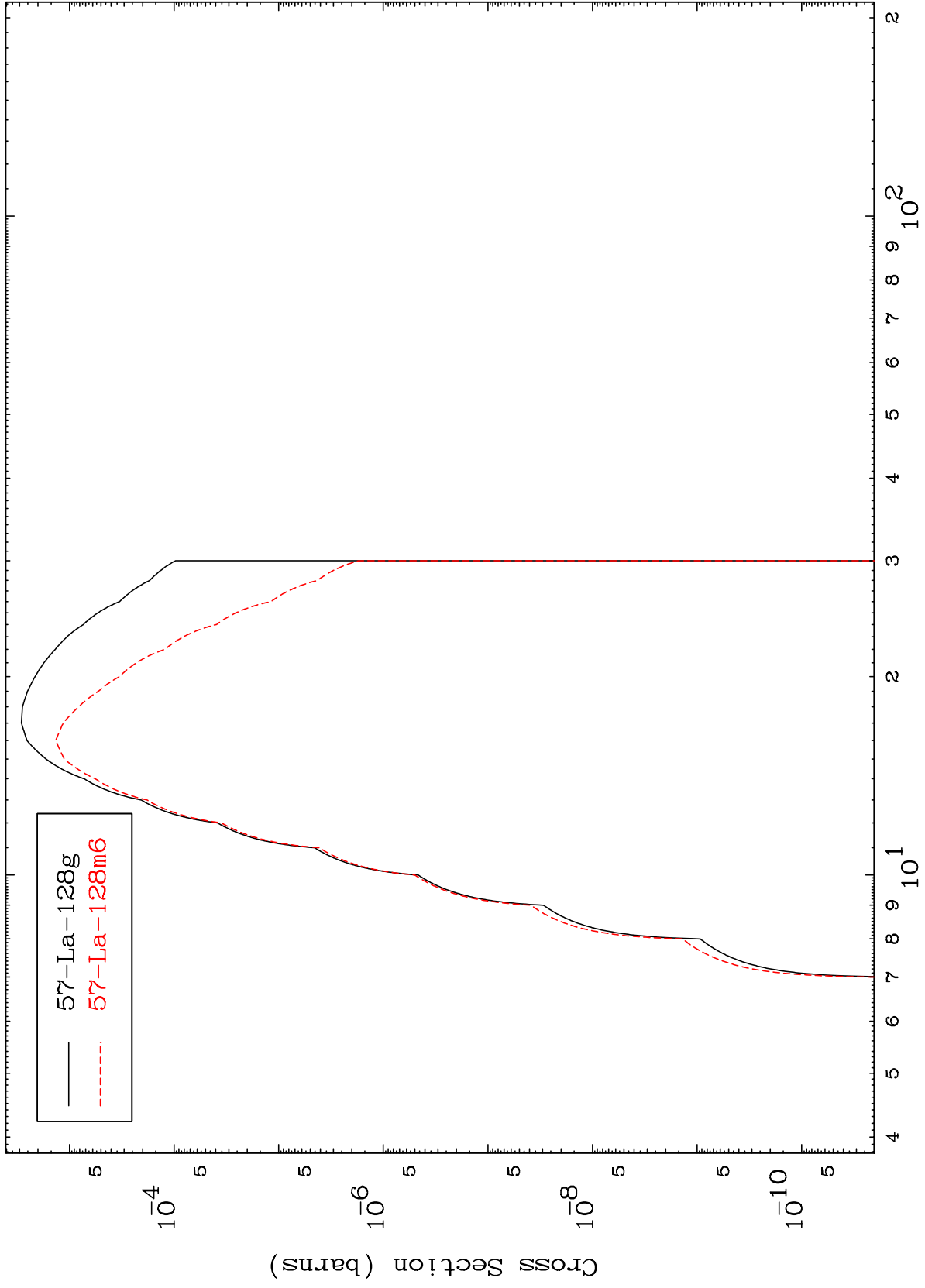
Incident Energy (MeV)

55-Cs-124

MAT 5498

55-Cs-124

(α, γ)
Radionuclide Production Cross Section



15

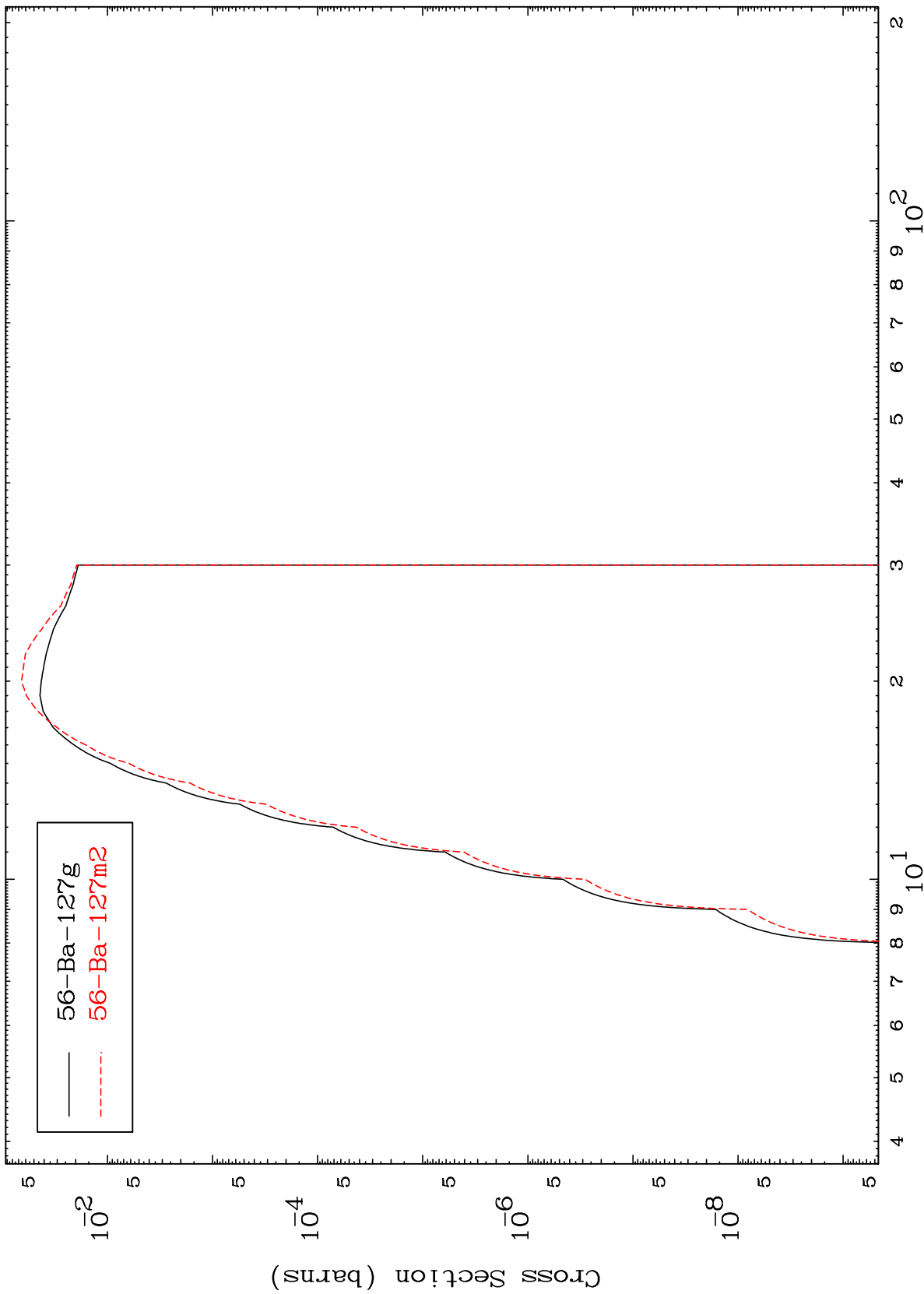
Incident Energy (MeV)

55-Cs-124

MAT 5498

55-Cs-124

(α, p)
Radionuclide Production Cross Section



55-Cs-124

Incident Energy (MeV)

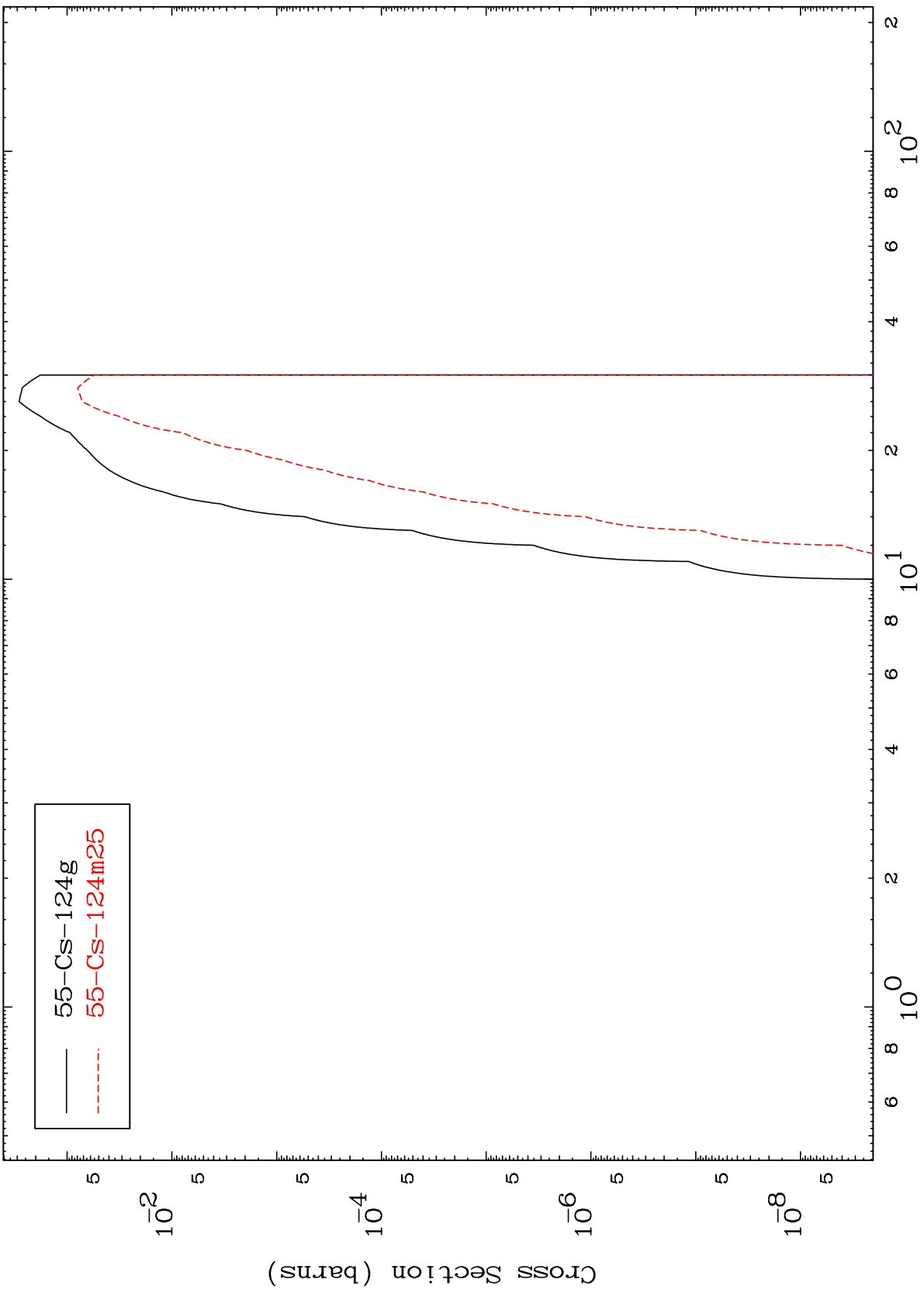
16

MAT 5498

(α, α)

55-Cs-124

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

17

Incident Energy (MeV)

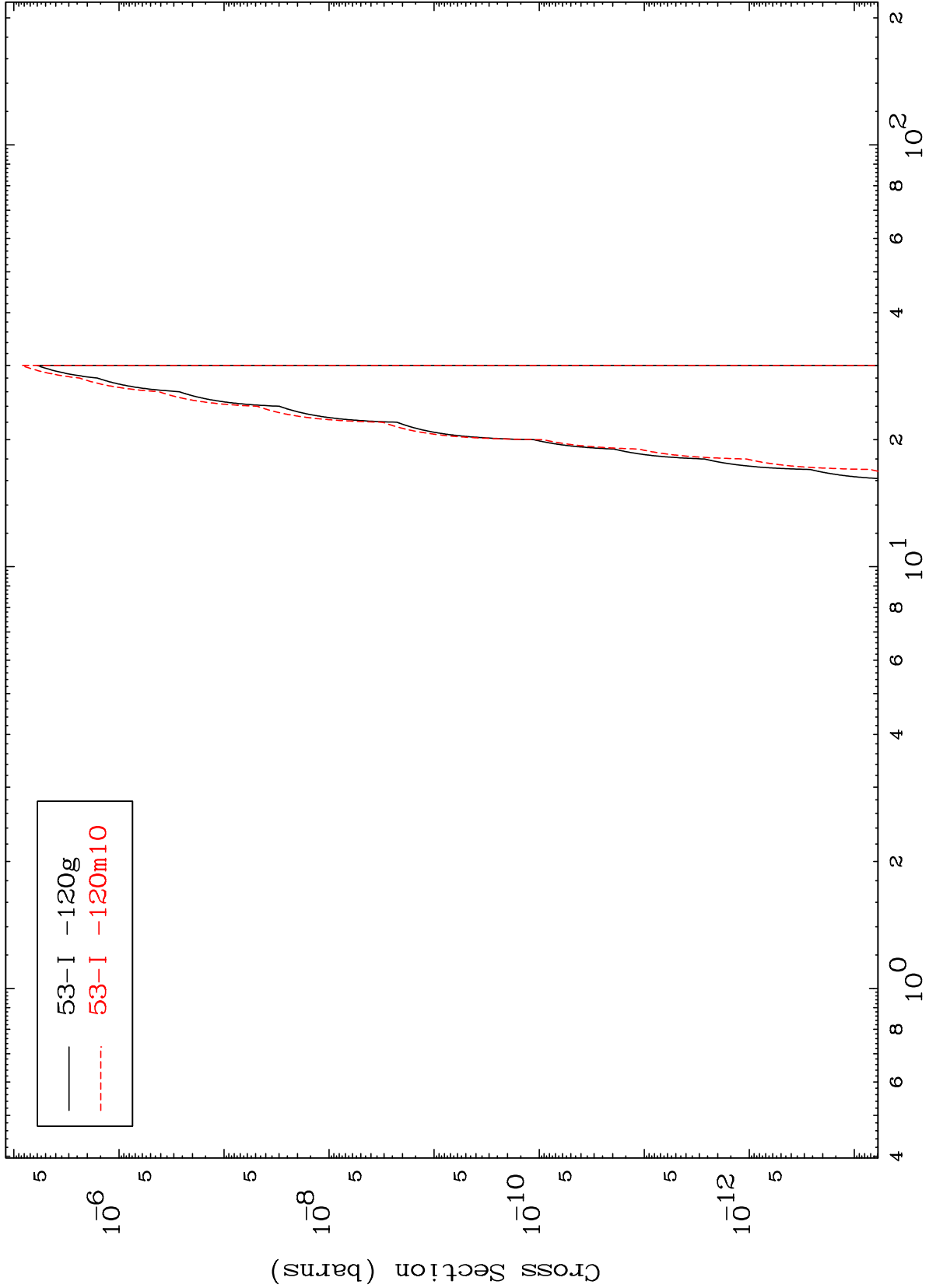
55-Cs-124

MAT 5498

($\alpha, 2\alpha$)

55-Cs-124

Radionuclide Production Cross Section



18

Incident Energy (MeV)

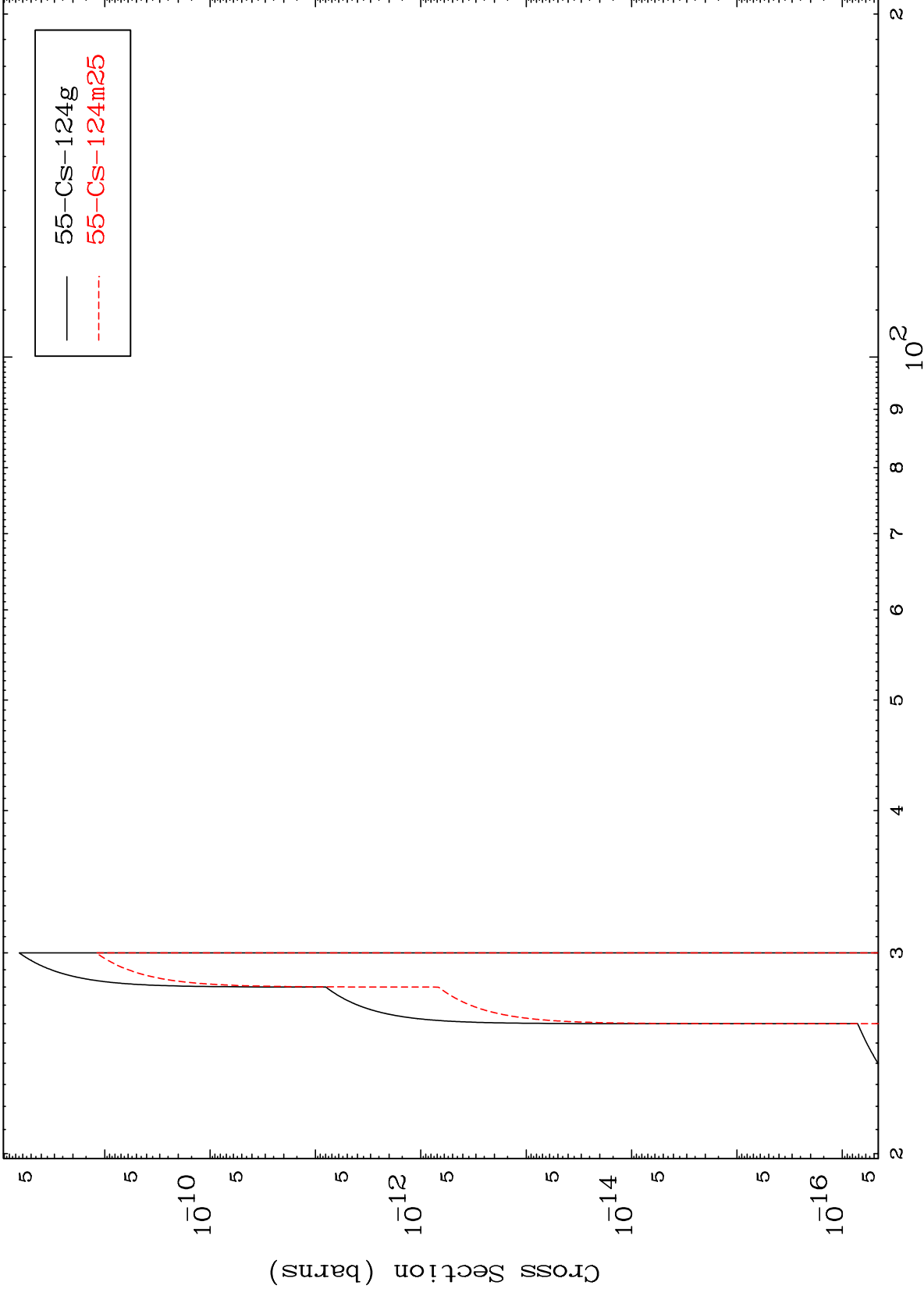
55-Cs-124

MAT 5498

(α, p) t

55-Cs-124

Radionuclide Production Cross Section



19

Incident Energy (MeV)

55-Cs-124