

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

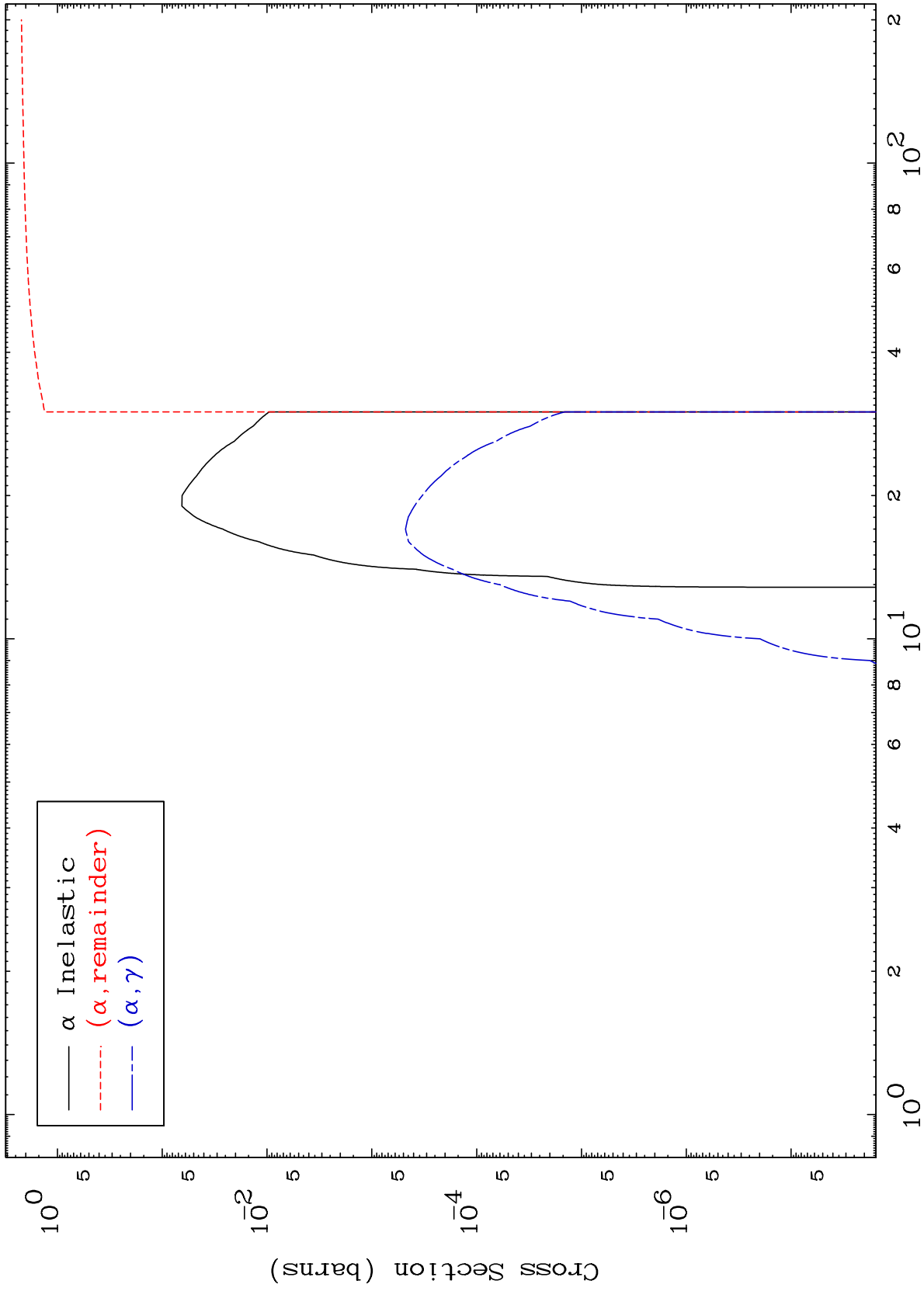
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5490

0 Kelvin α Major
Cross Sections

55-Cs-121



1

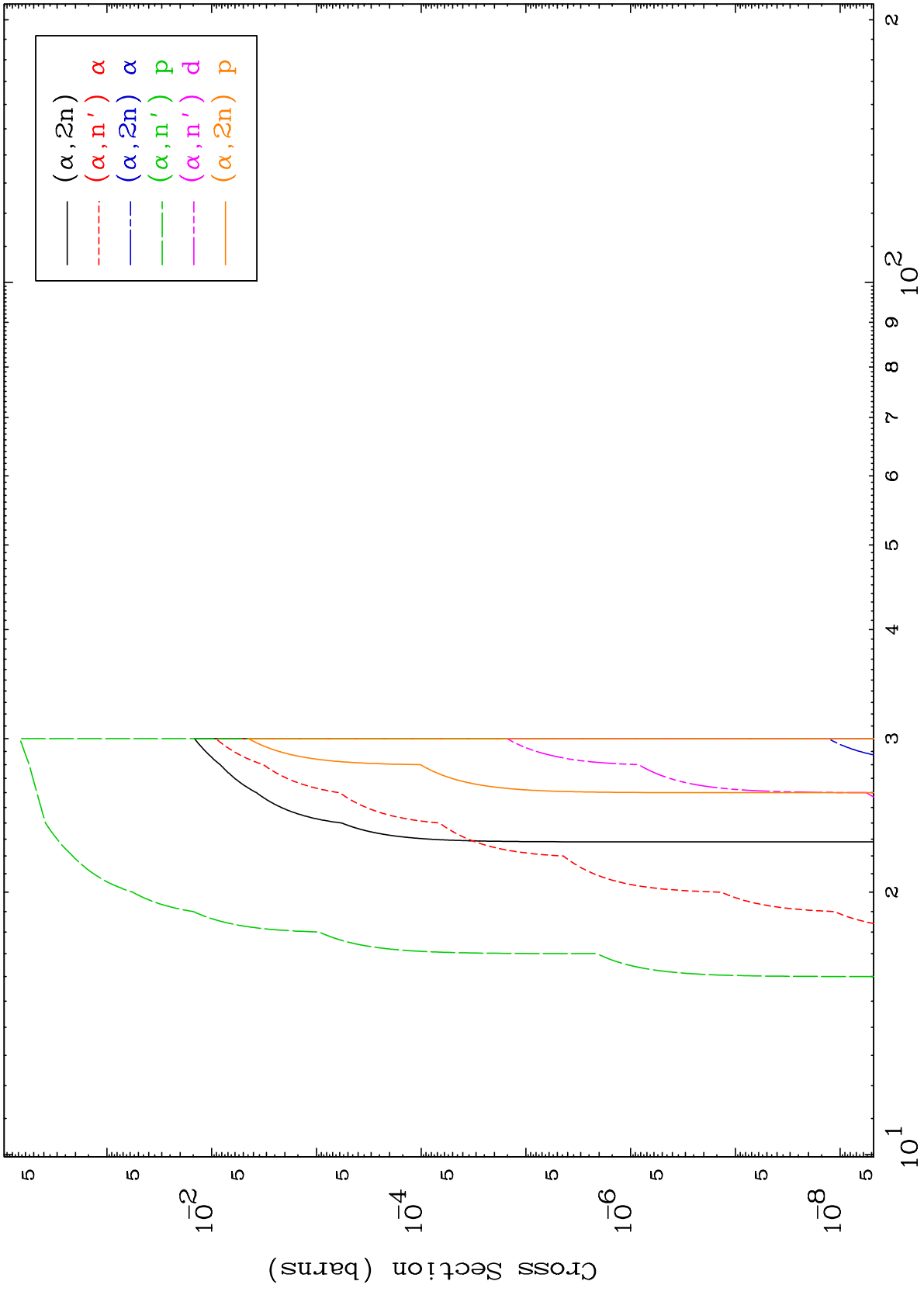
Incident Energy (MeV)

55-Cs-121

MAT 5490

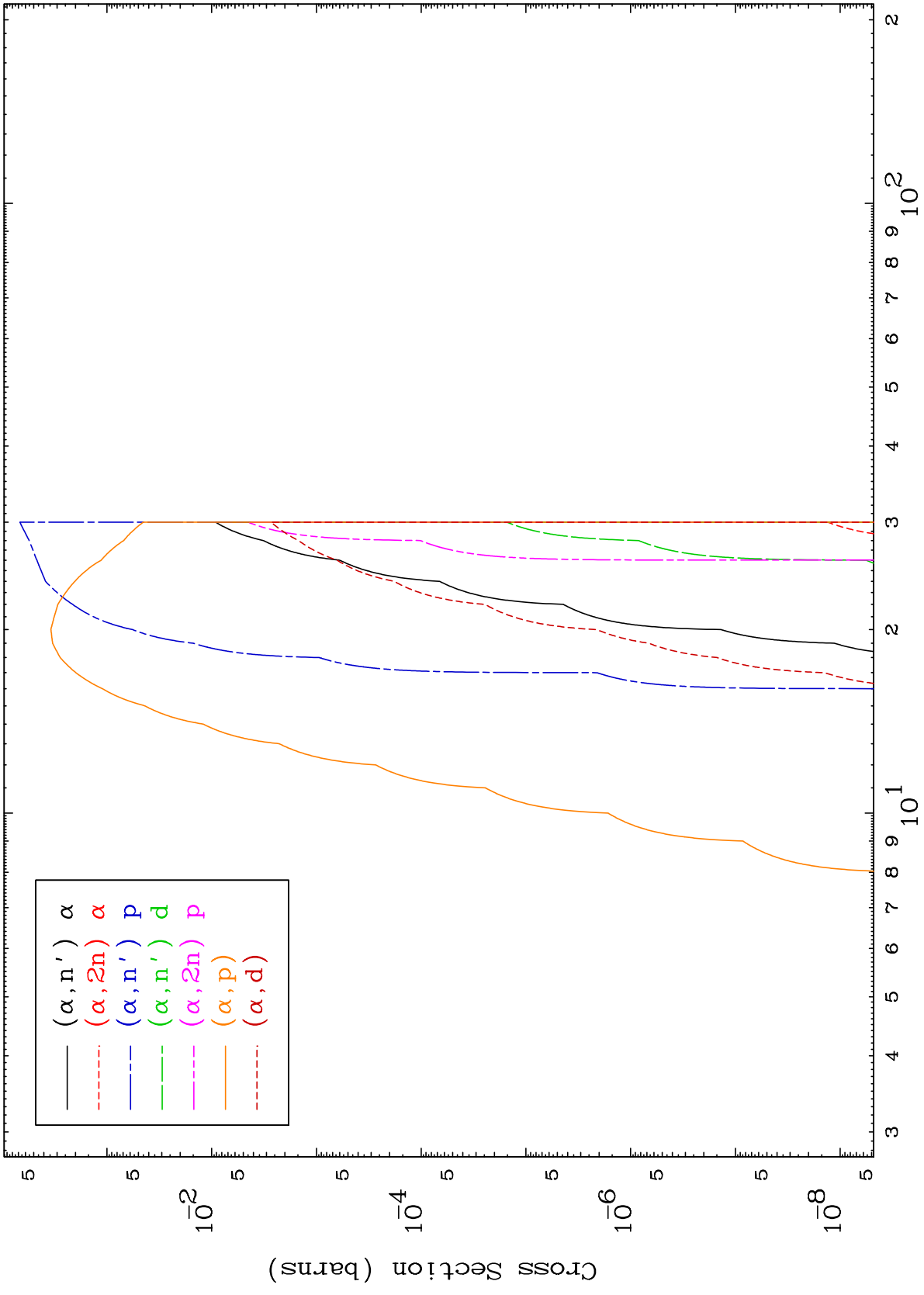
α Neutron Production
0 Kelvin Cross Sections

55-Cs-121



Incident Energy (MeV)

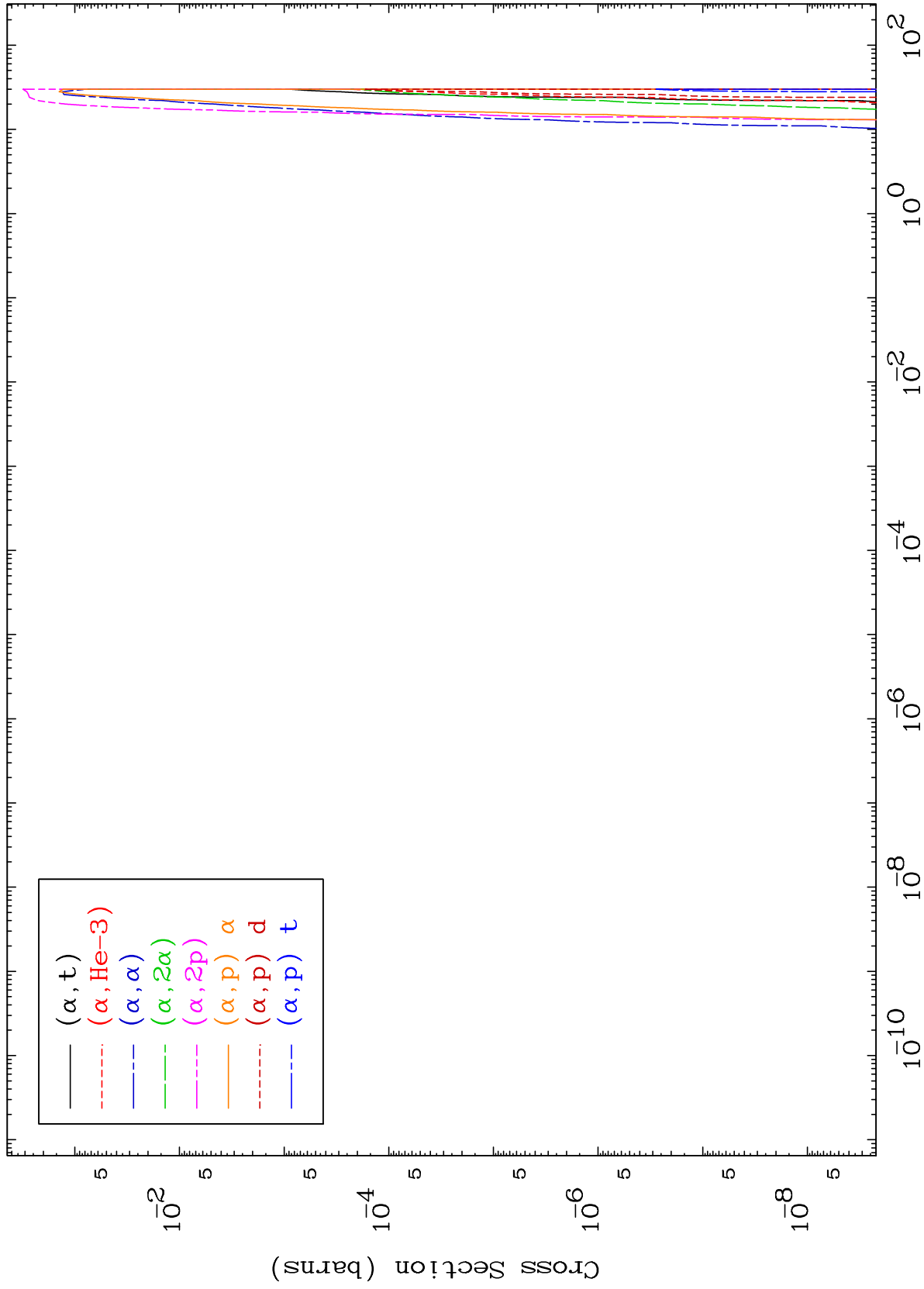
55-Cs-121



MAT 5490

α Charged Particle
0 Kelvin Cross Sections

55-Cs-121

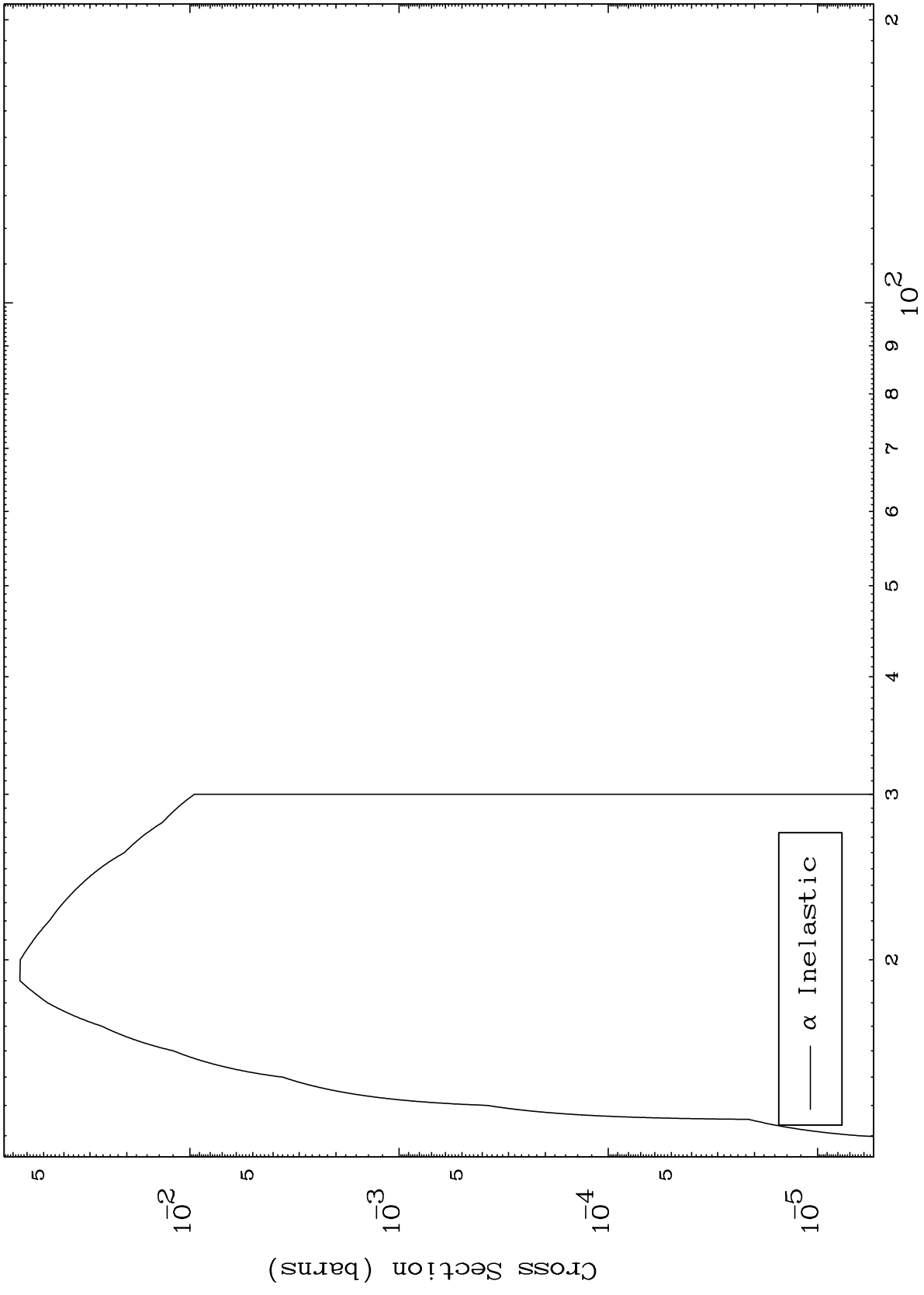


55-Cs-121

MAT 5490

(α, n') Level
0 Kelvin Cross Sections

55-Cs-121



5

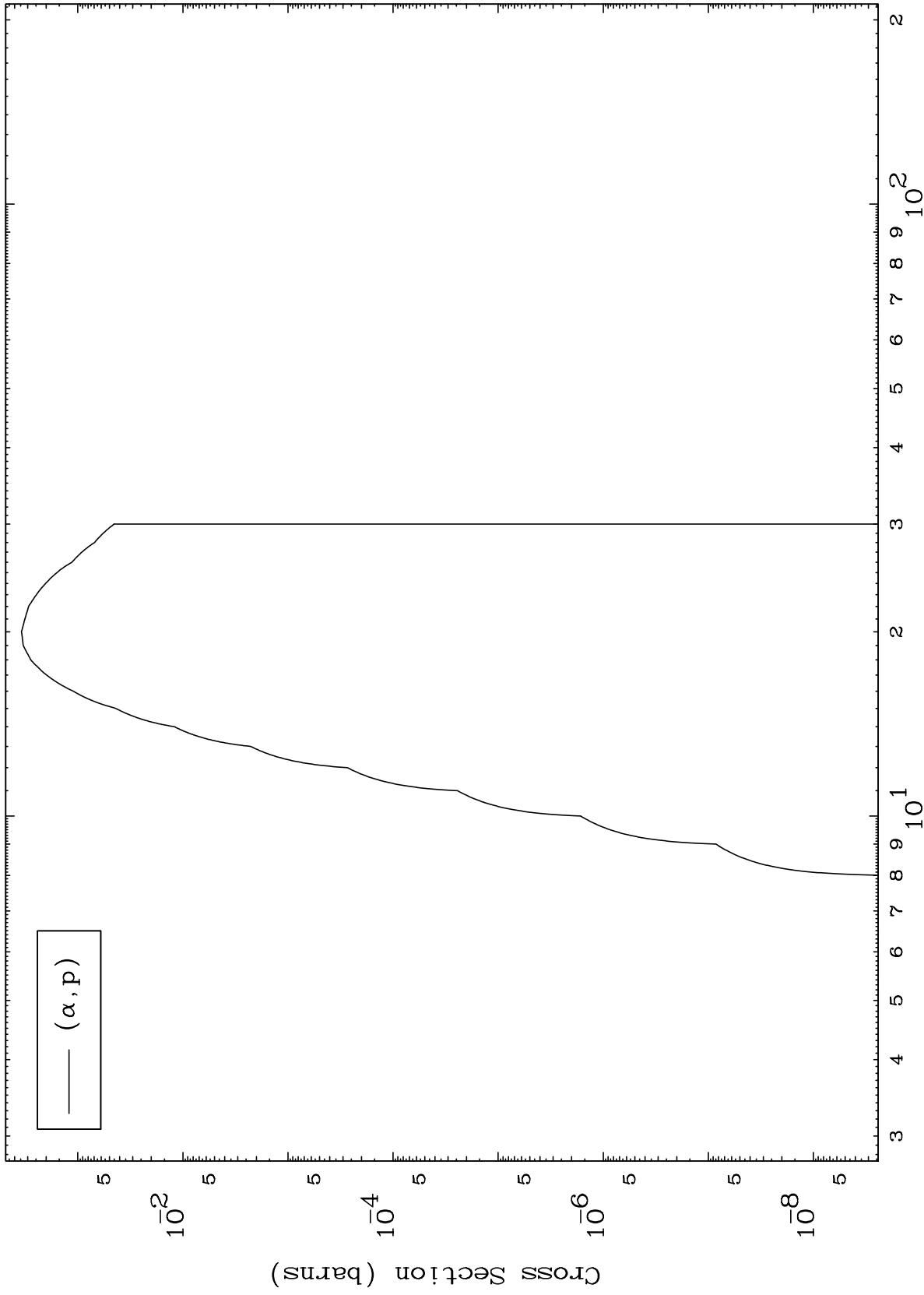
Incident Energy (MeV)

55-Cs-121

MAT 5490

(α, p) Levels
0 Kelvin Cross Sections

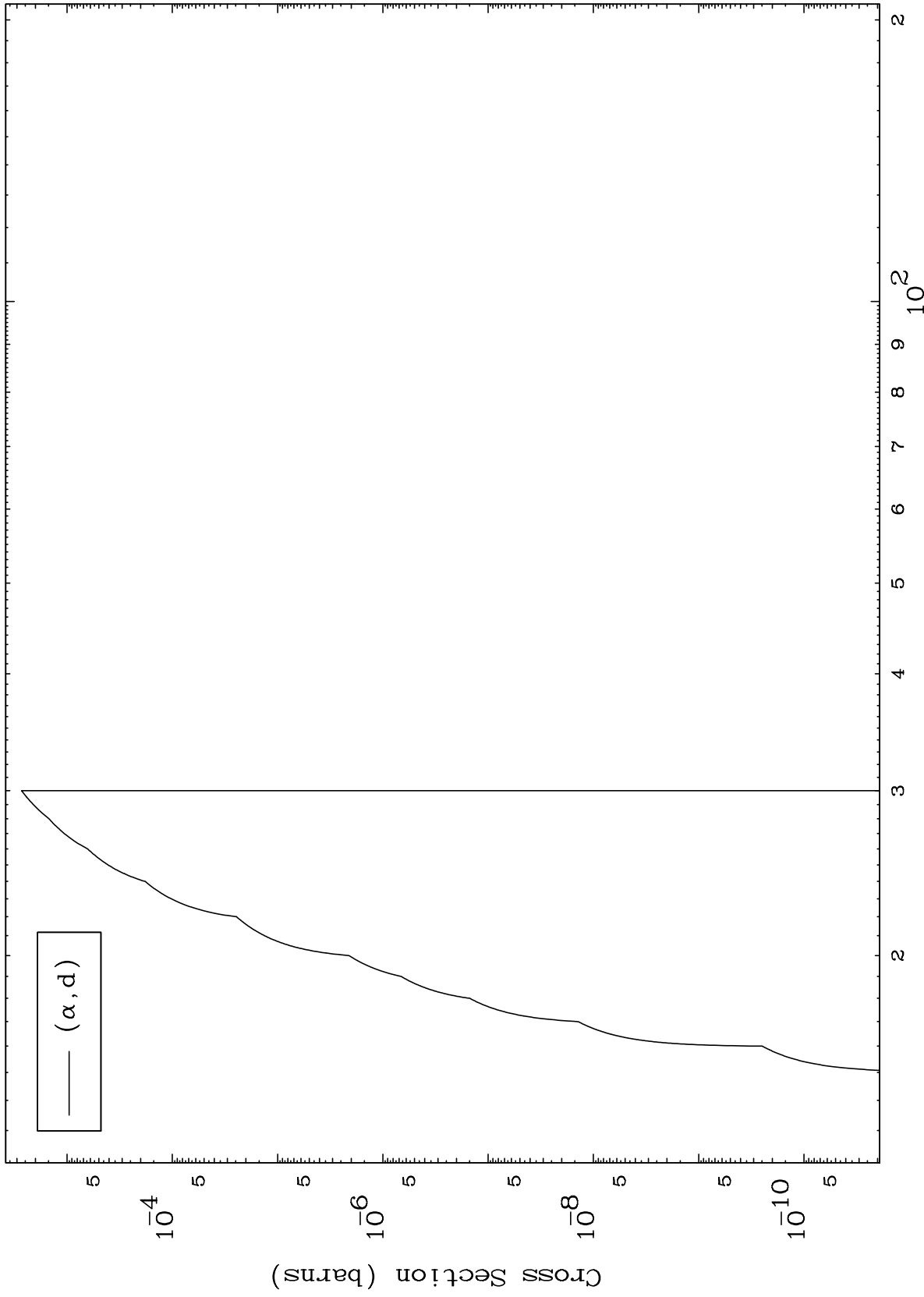
55-Cs-121



6

Incident Energy (MeV)

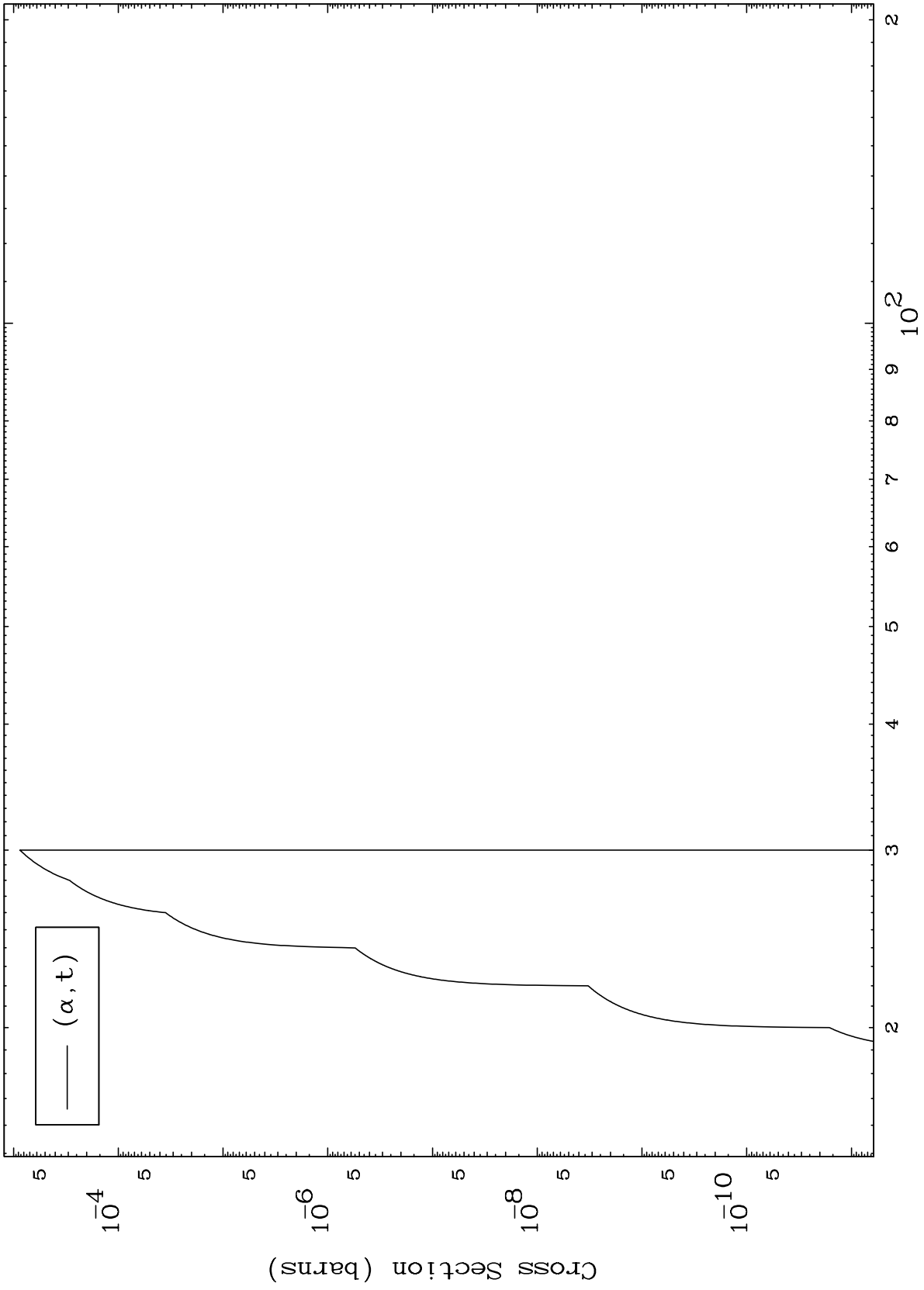
55-Cs-121



MAT 5490

(α, t) Levels
0 Kelvin Cross Sections

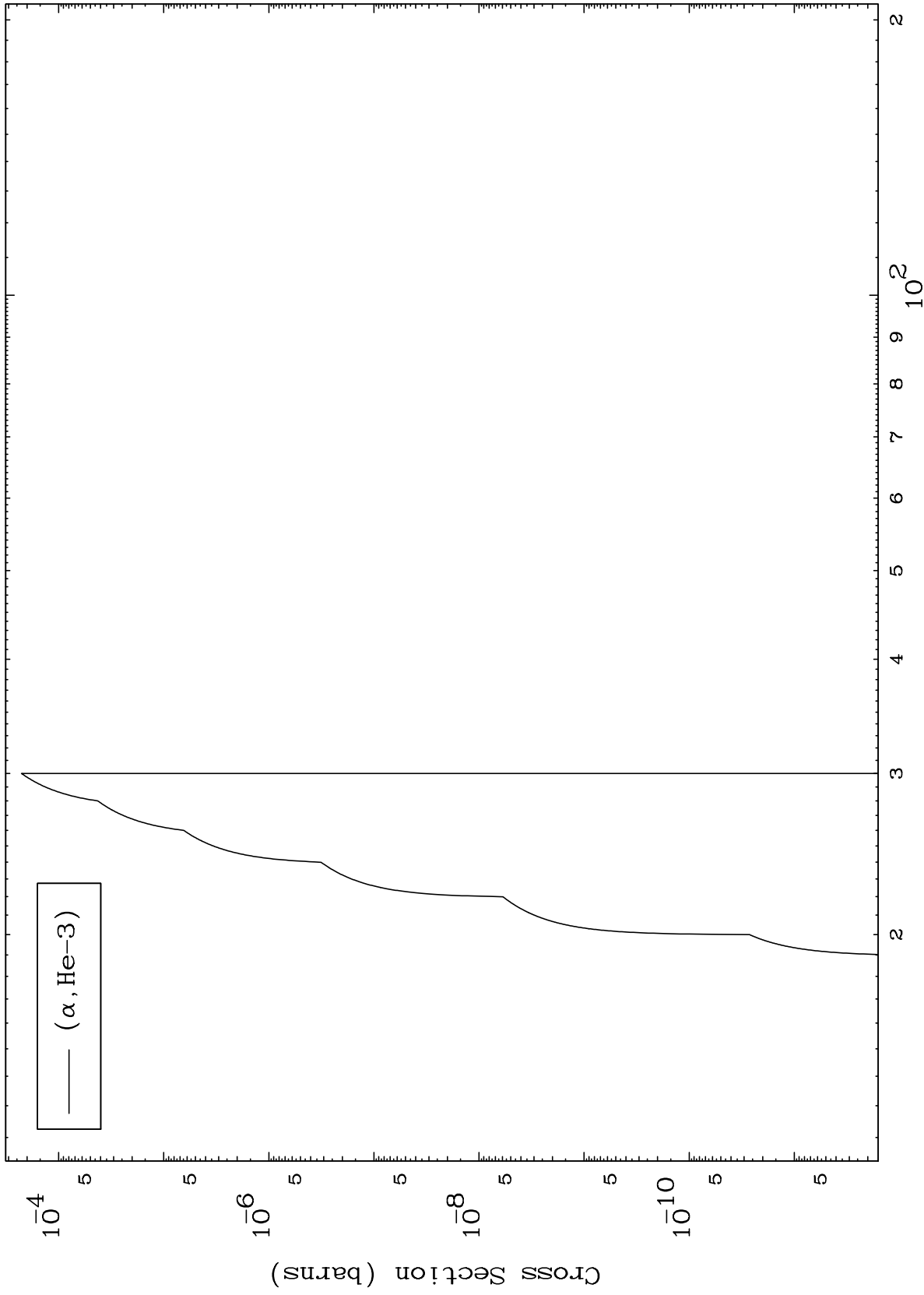
55-Cs-121



8

Incident Energy (MeV)

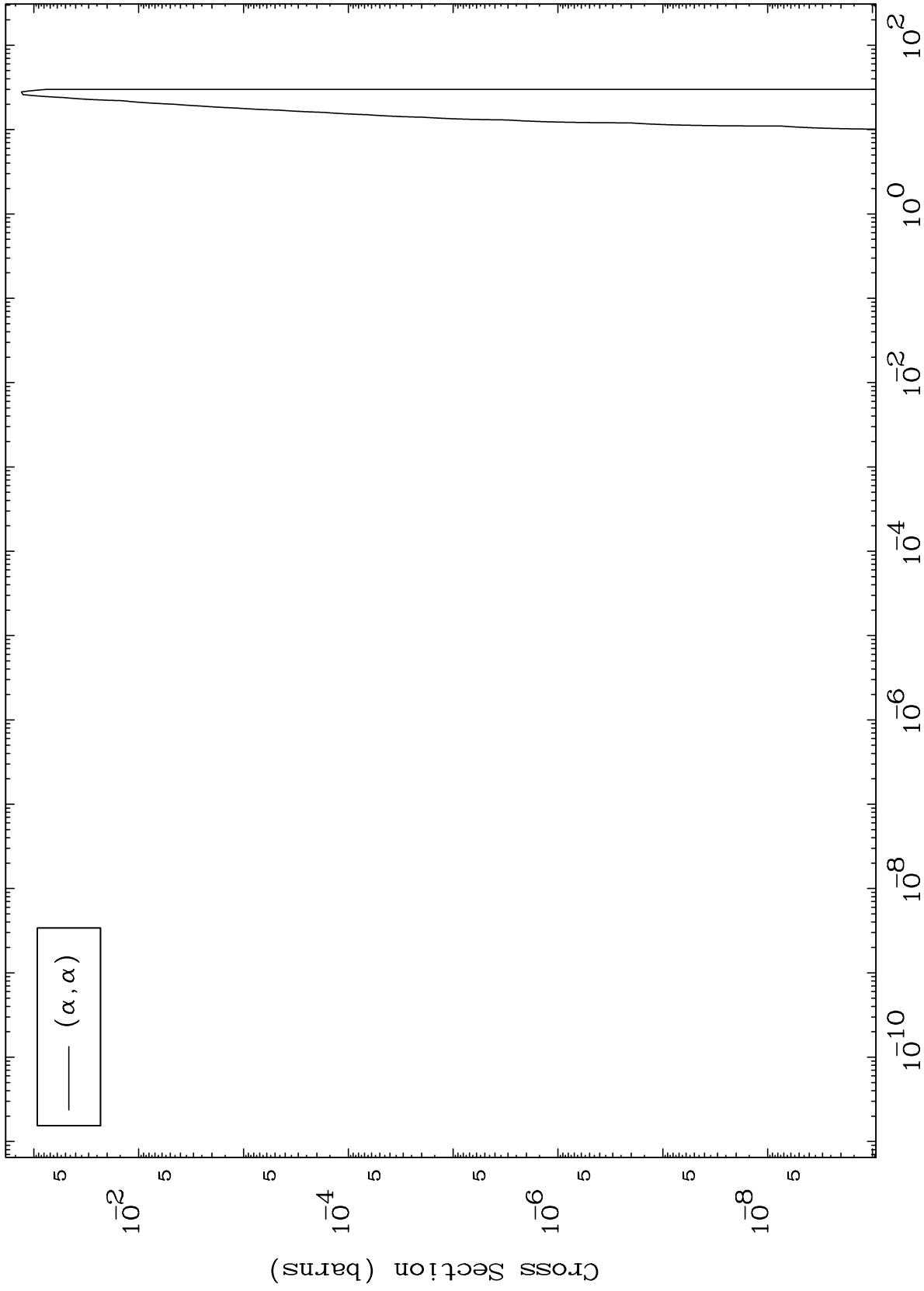
55-Cs-121



MAT 5490

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-121

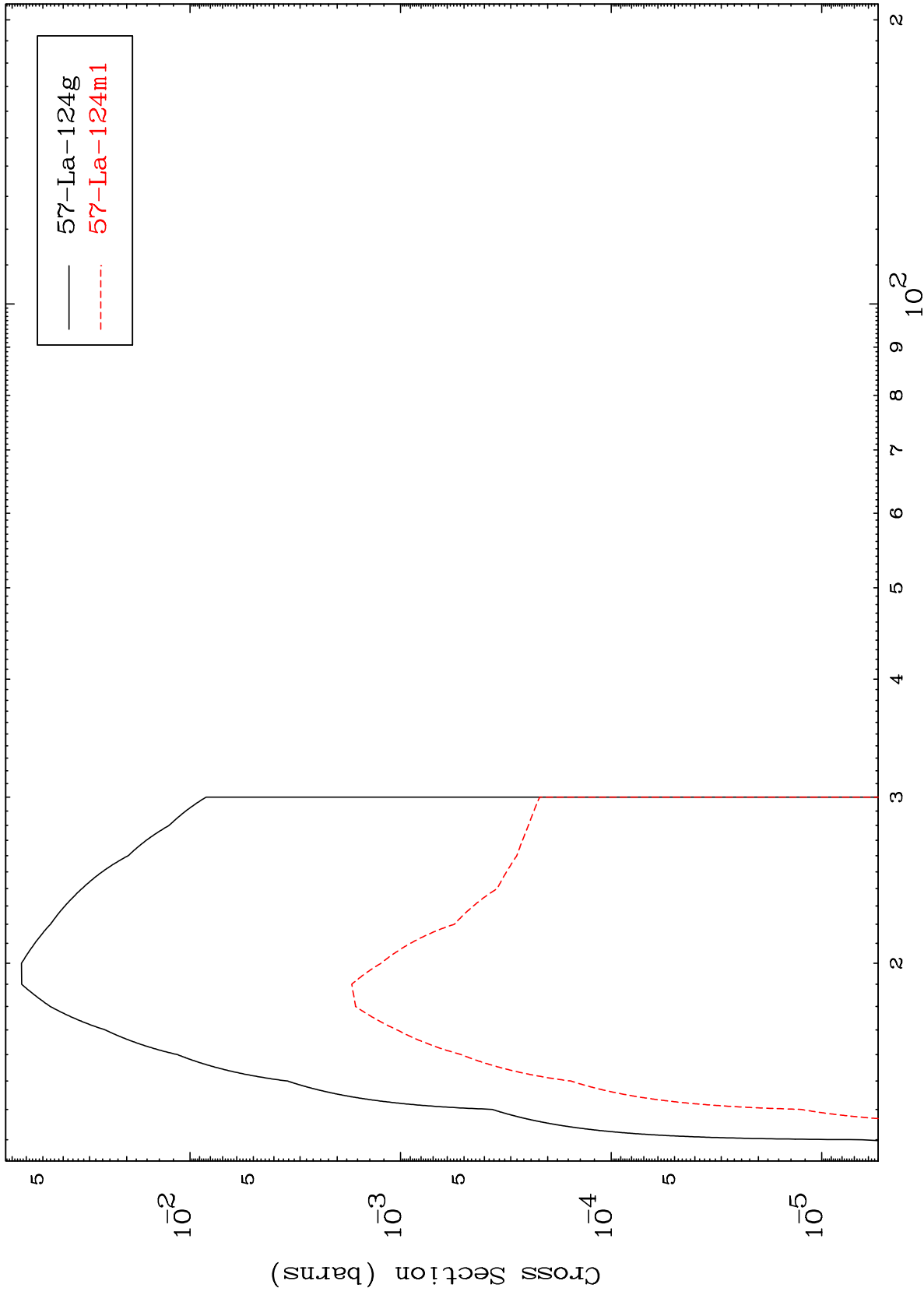


10

Incident Energy (MeV)

55-Cs-121

Radionuclide Production Cross Section

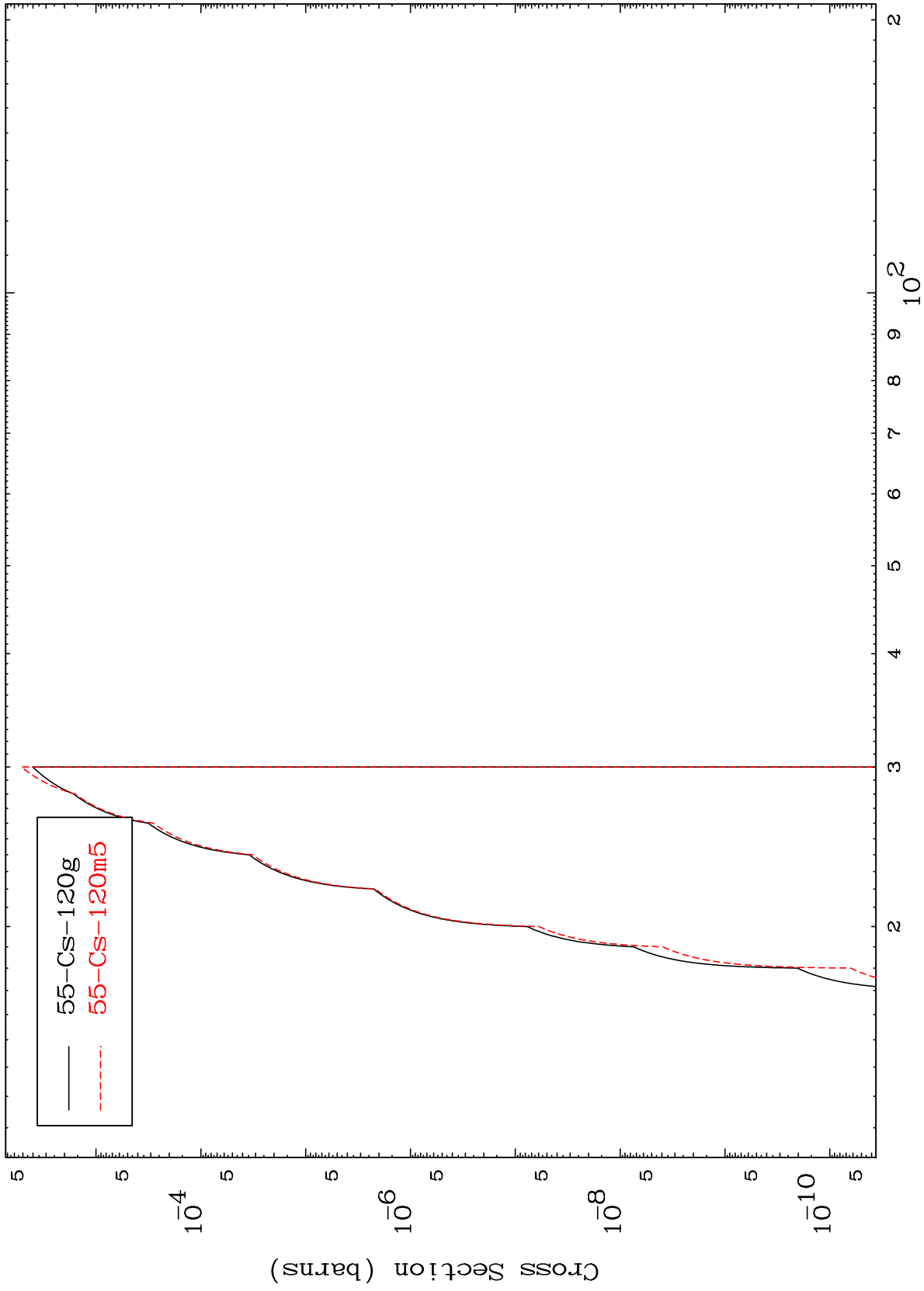


MAT 5490

(α, n') α

55-Cs-121

Radionuclide Production Cross Section



12

Incident Energy (MeV)

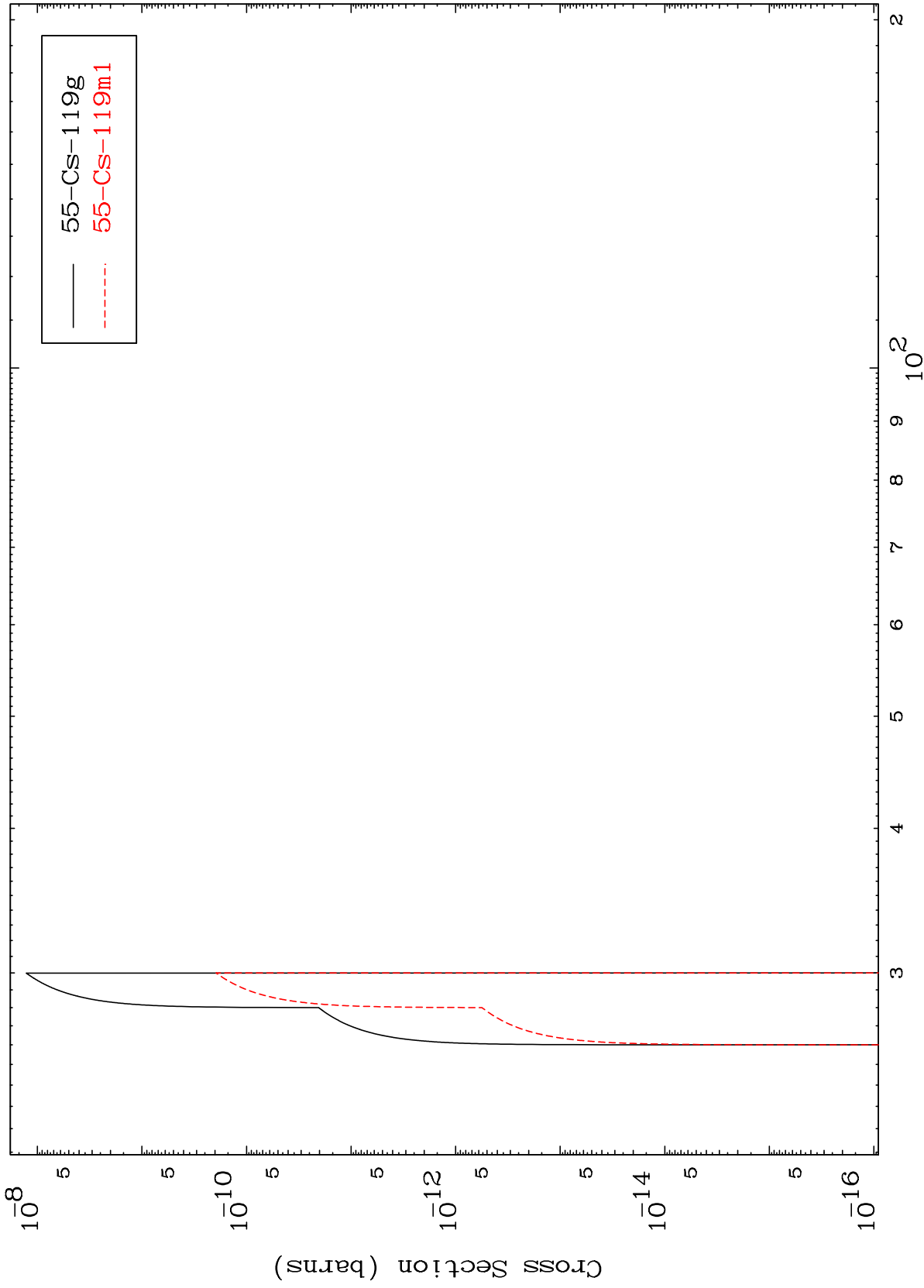
55-Cs-121

MAT 5490

$(\alpha, 2n) \alpha$

55-Cs-121

Radionuclide Production Cross Section



13

Incident Energy (MeV)

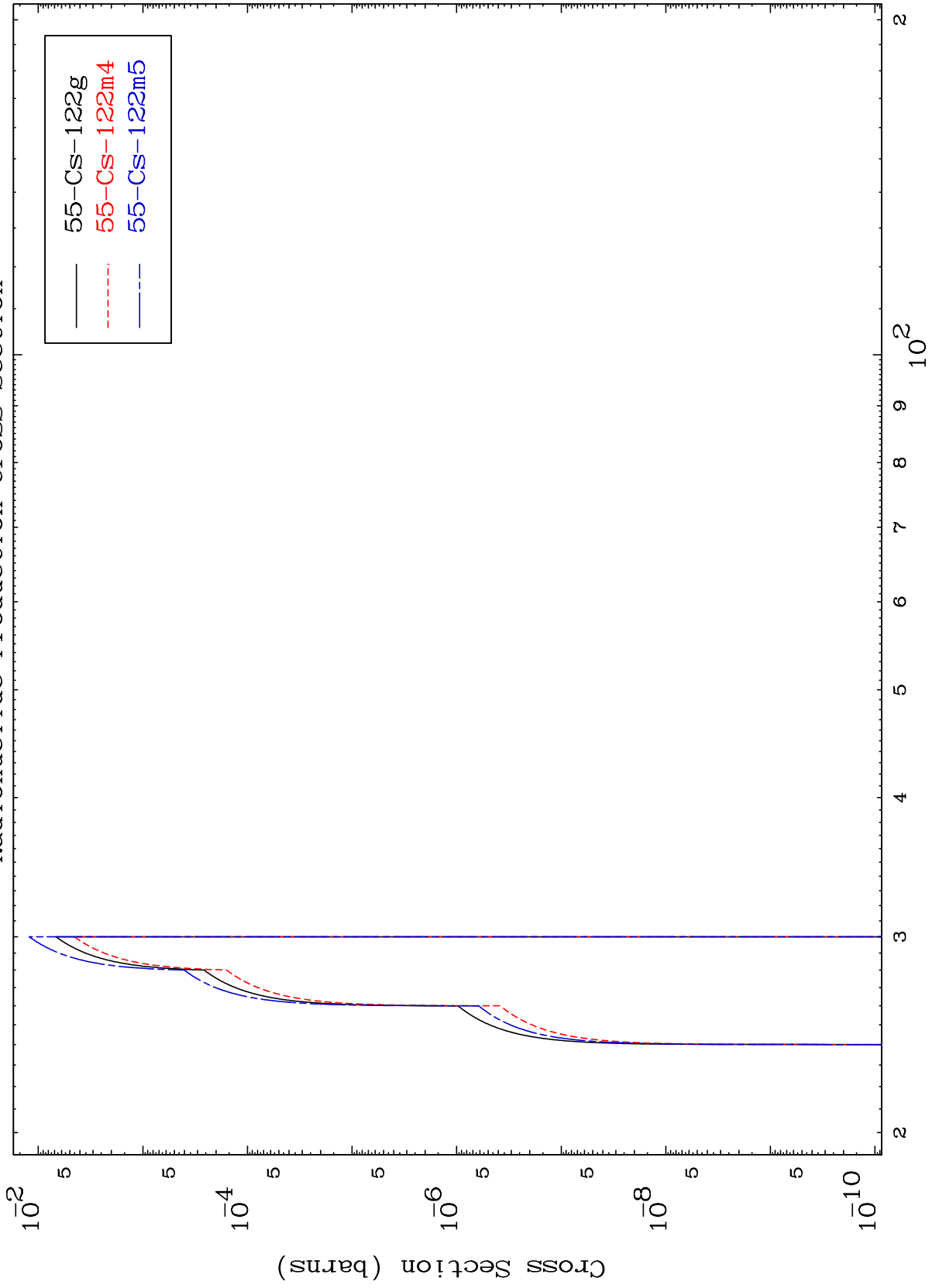
55-Cs-121

MAT 5490

($\alpha, 2n$) p

55-Cs-121

Radionuclide Production Cross Section



14

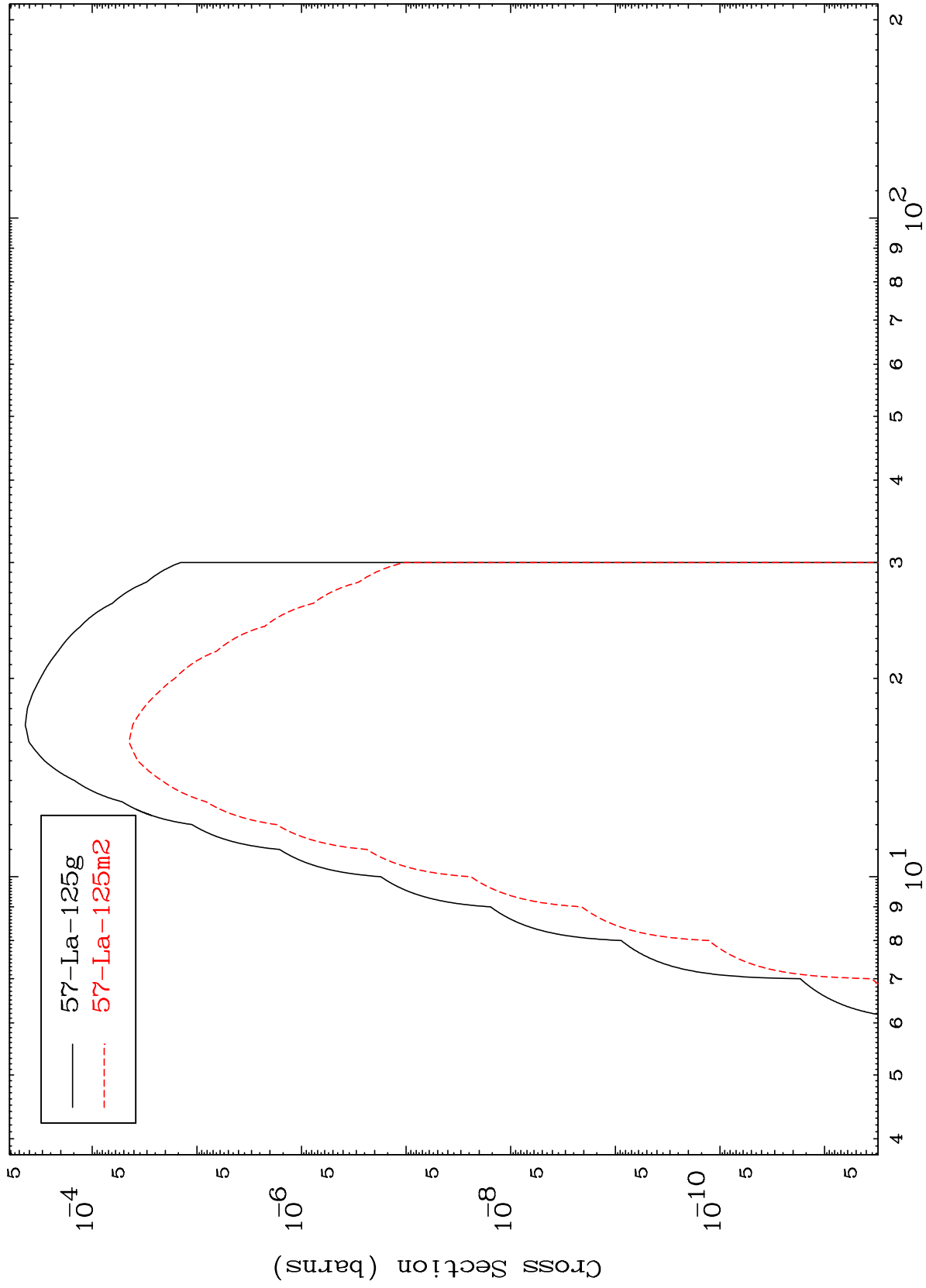
Incident Energy (MeV)

55-Cs-121

MAT 5490

Radionuclide Production Cross Section
(α, γ)

55-Cs-121



15

Incident Energy (MeV)

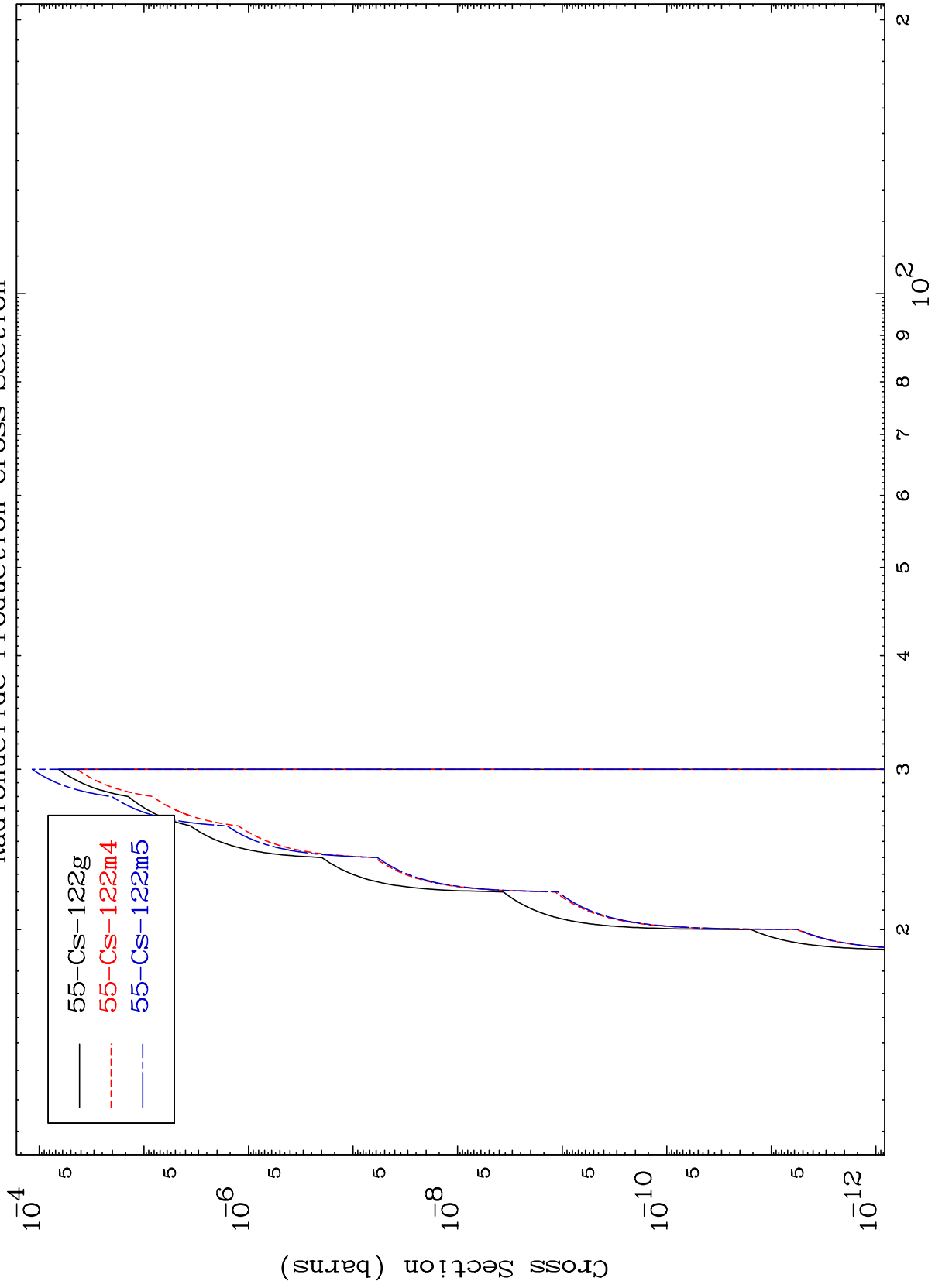
55-Cs-121

MAT 5490

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

55-Cs-121

Radionuclide Production Cross Section



16

Incident Energy (MeV)

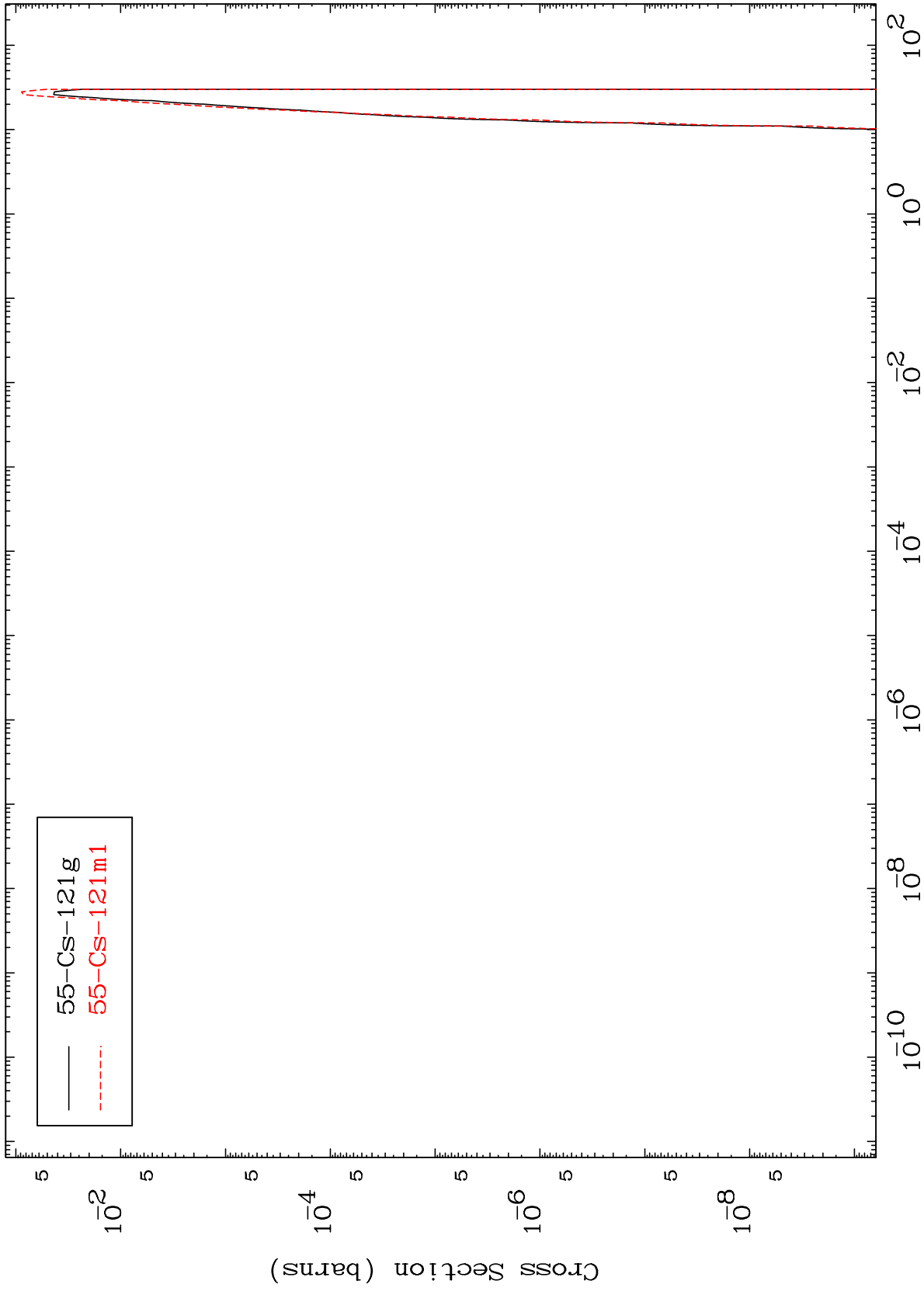
55-Cs-121

MAT 5490

(α, α)

55-Cs-121

Radionuclide Production Cross Section



17

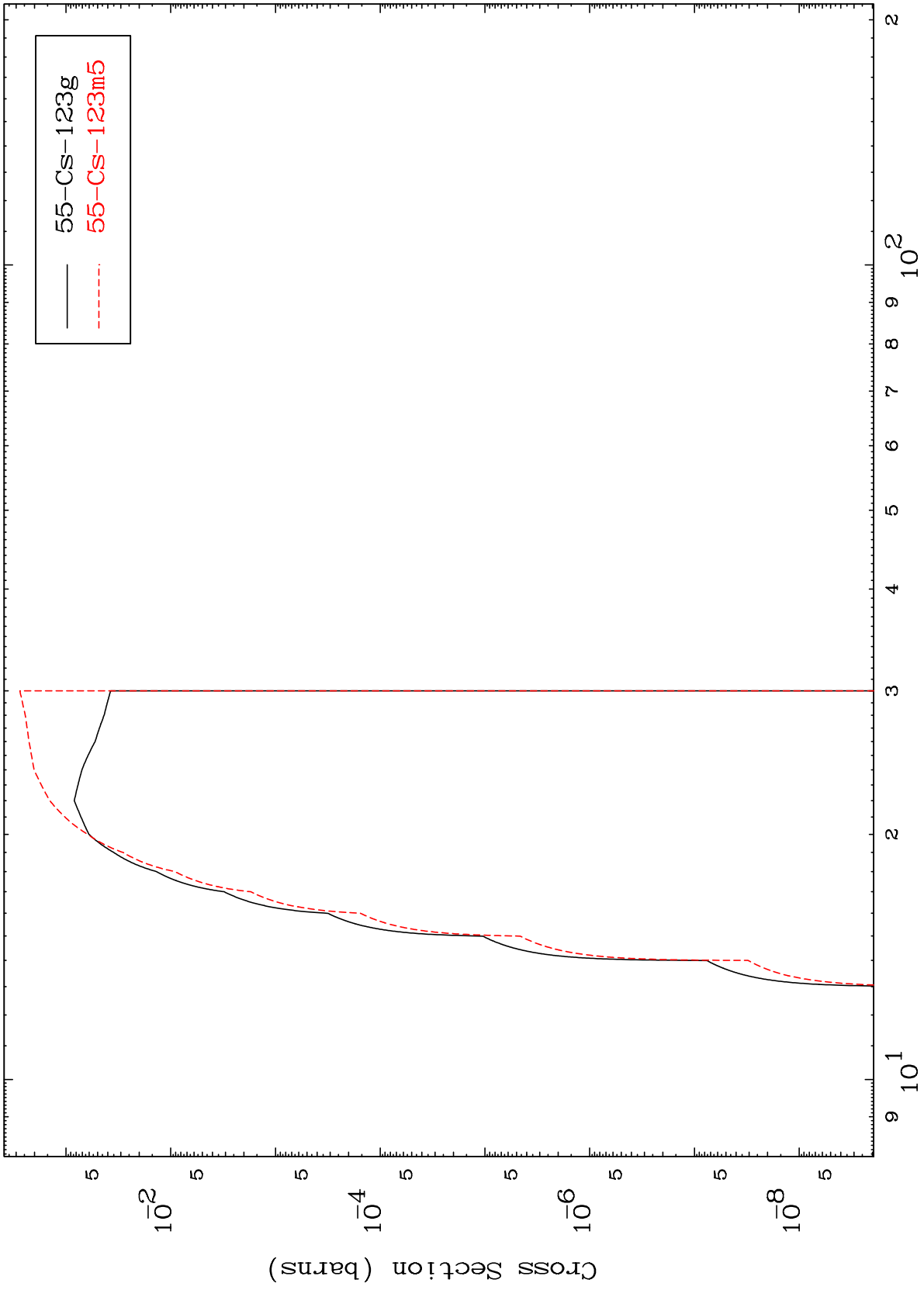
Incident Energy (MeV)

55-Cs-121

MAT 5490

55-Cs-121

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



18

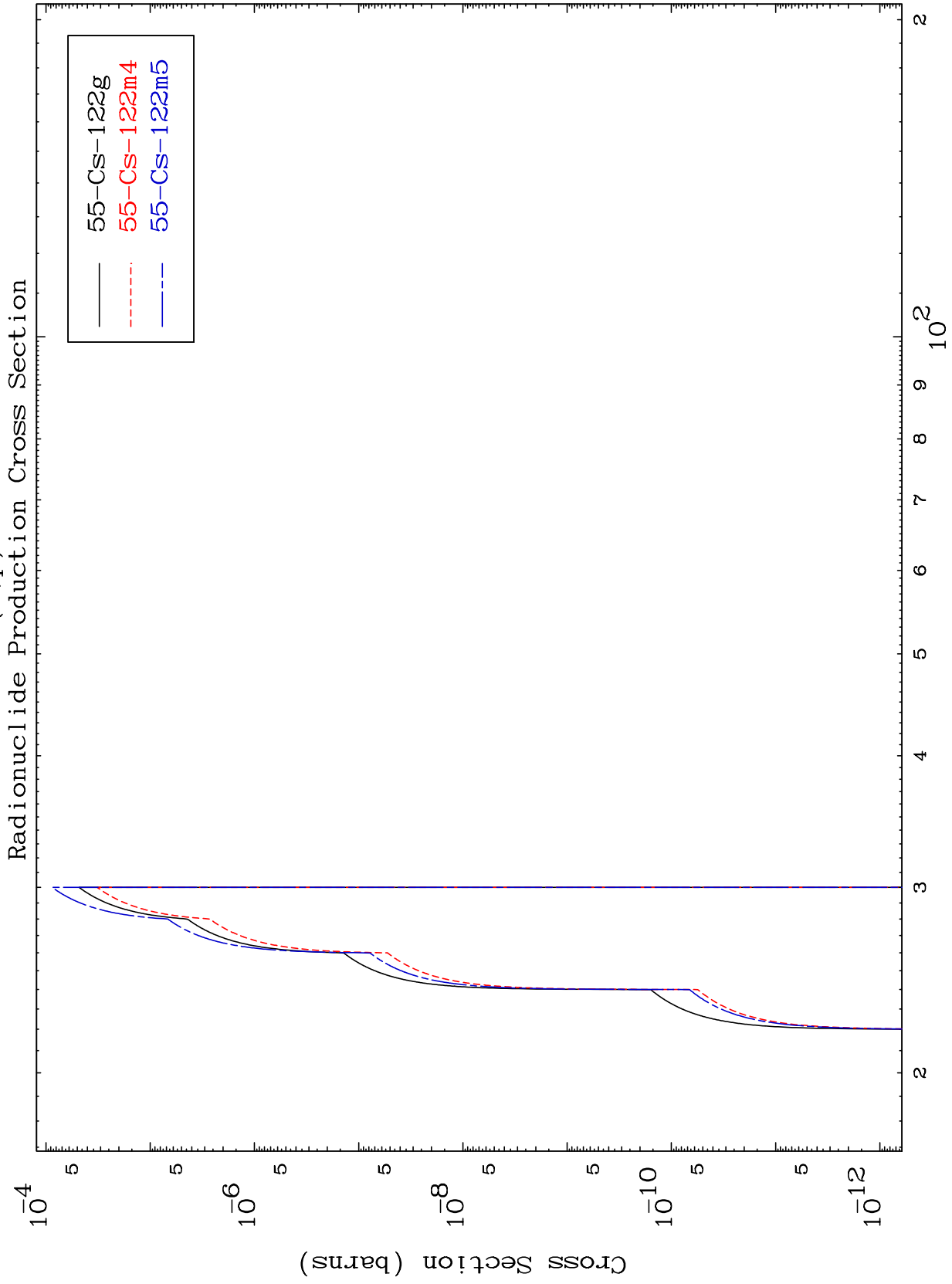
Incident Energy (MeV)

55-Cs-121

MAT 5490

(α, p) d

55-Cs-121



19

Incident Energy (MeV)

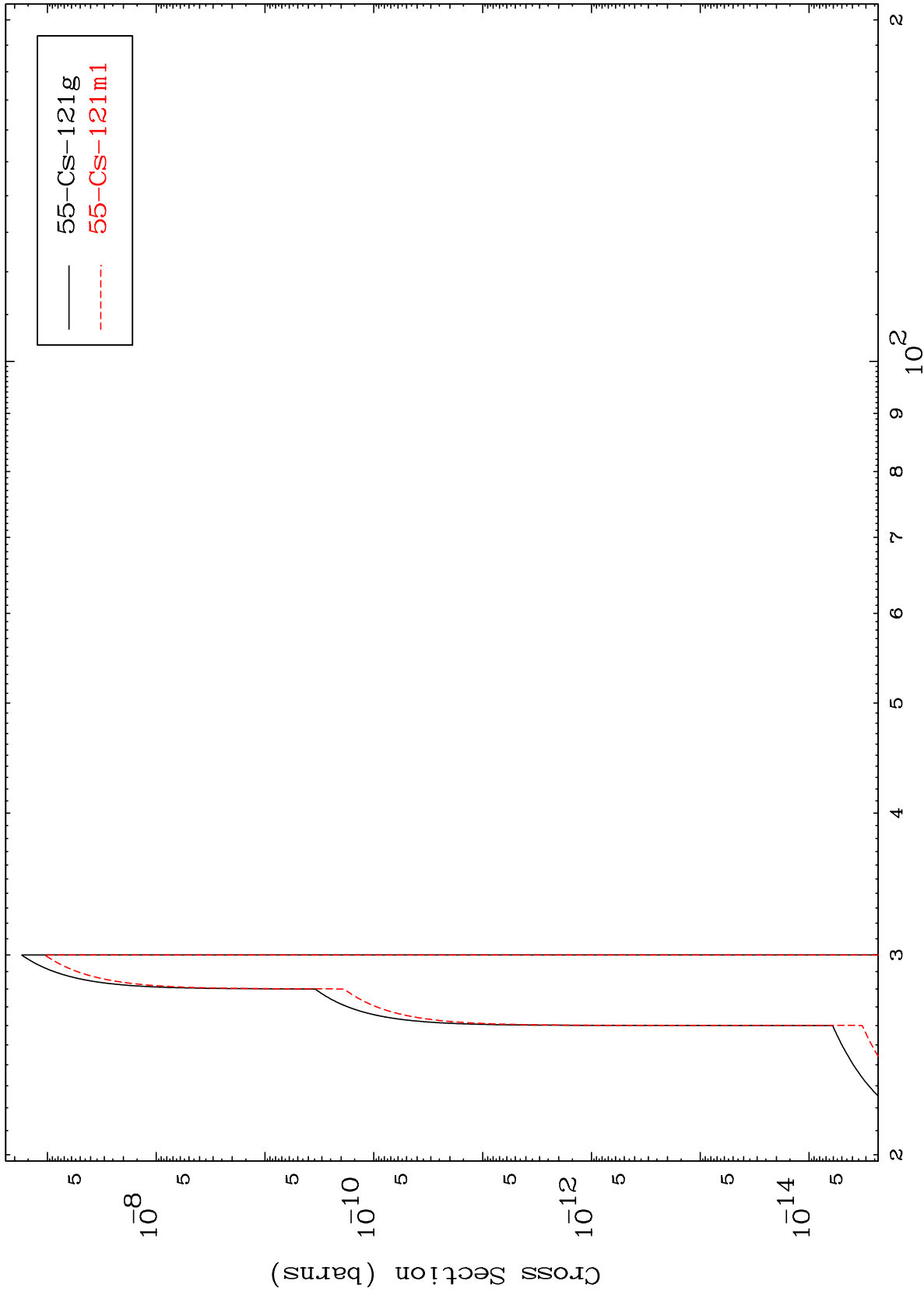
55-Cs-121

MAT 5490

(α, p) t

55-Cs-121

Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-121