

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

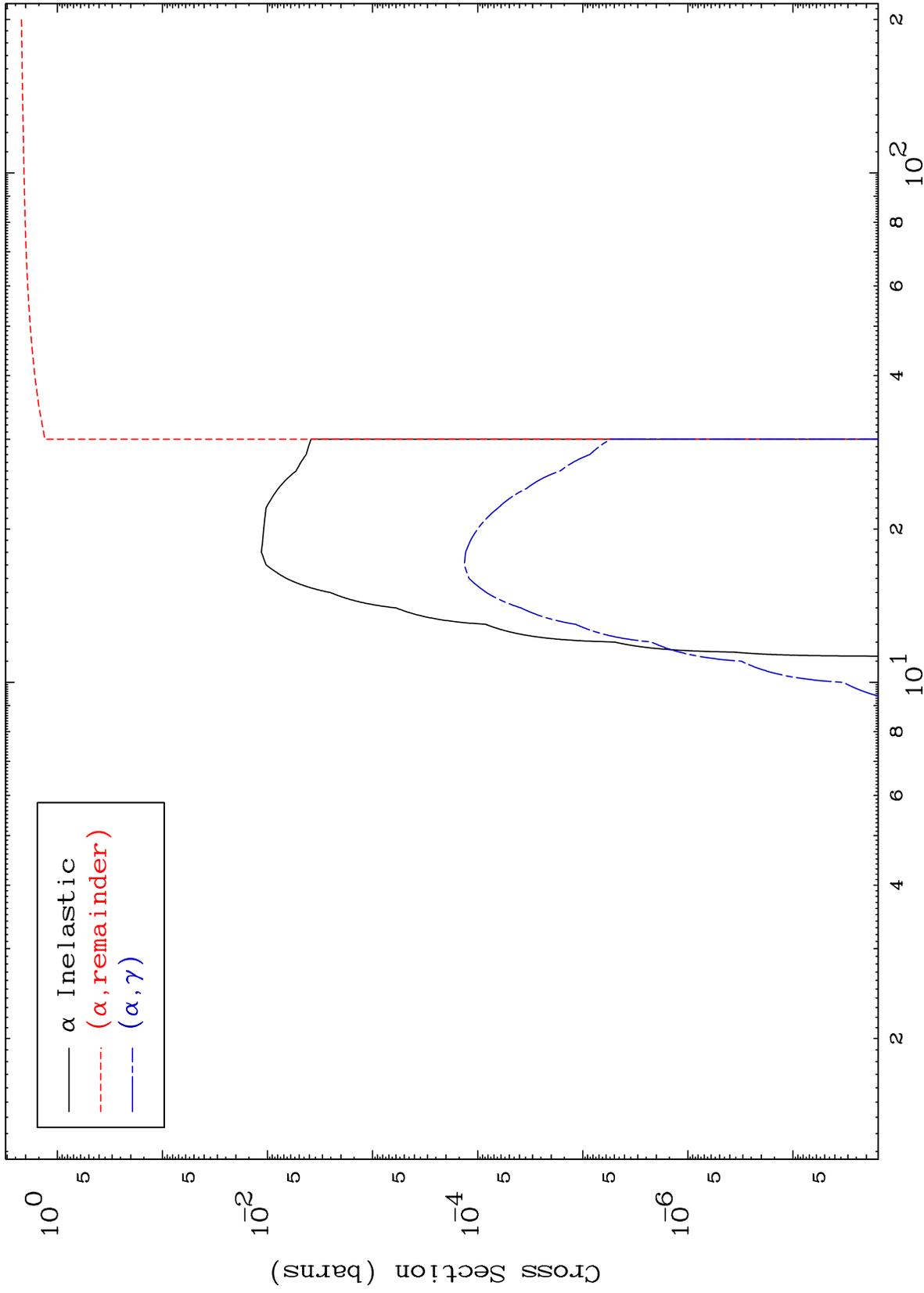
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5486

0 Kelvin α Major
Cross Sections

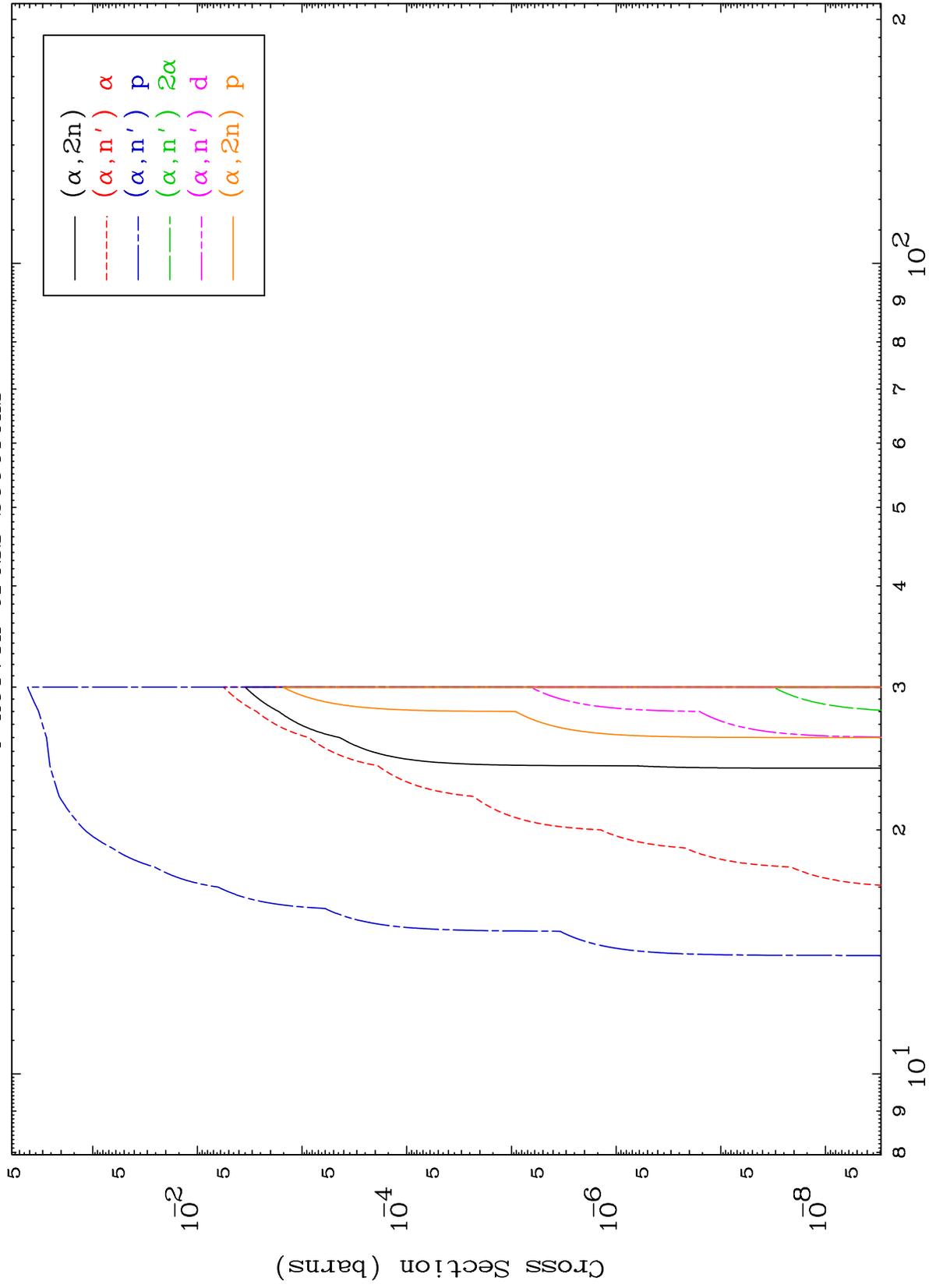
55-Cs-120



MAT 5486

α Neutron Production
0 Kelvin Cross Sections

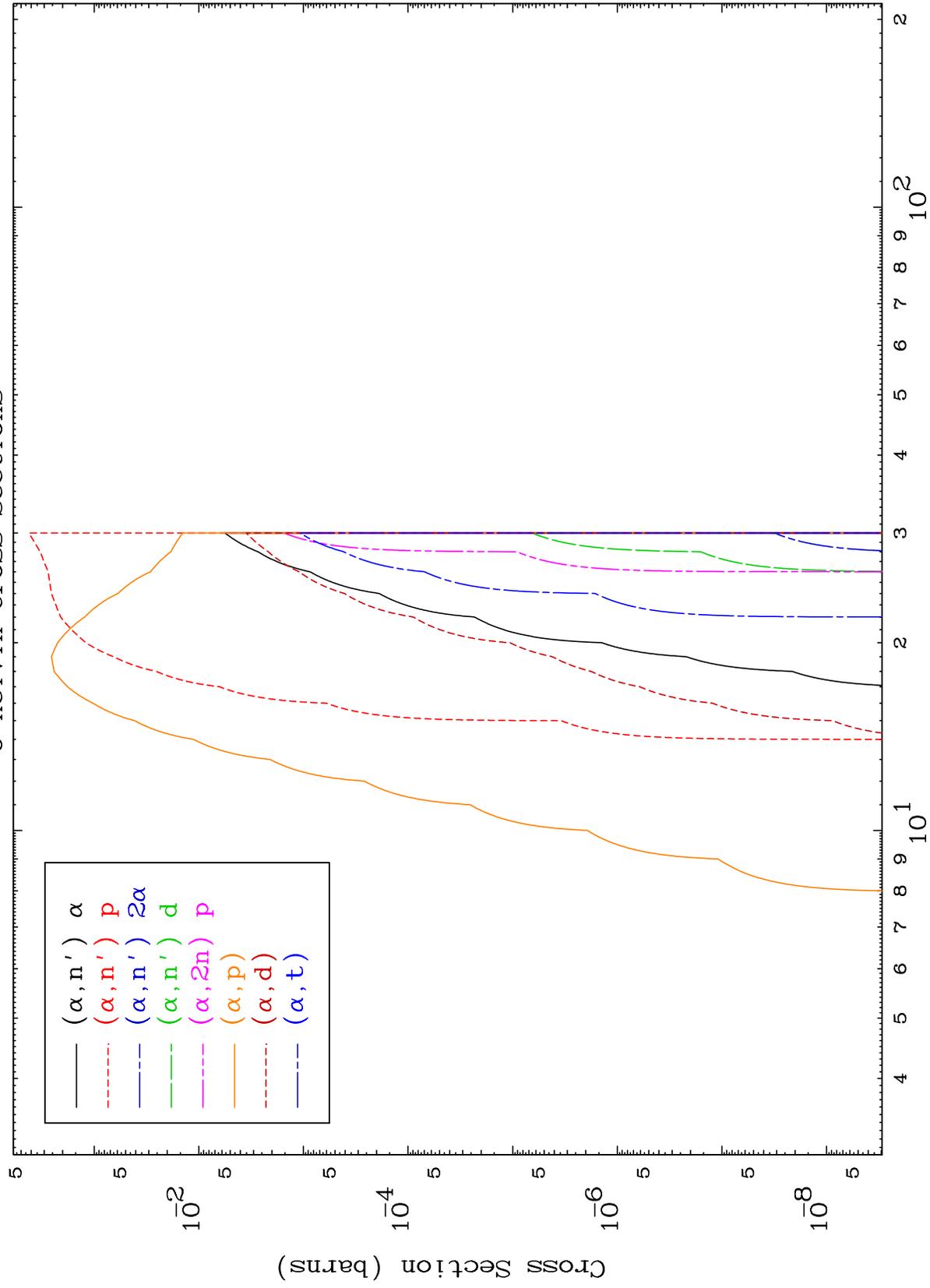
55-Cs-120



2

Incident Energy (MeV)

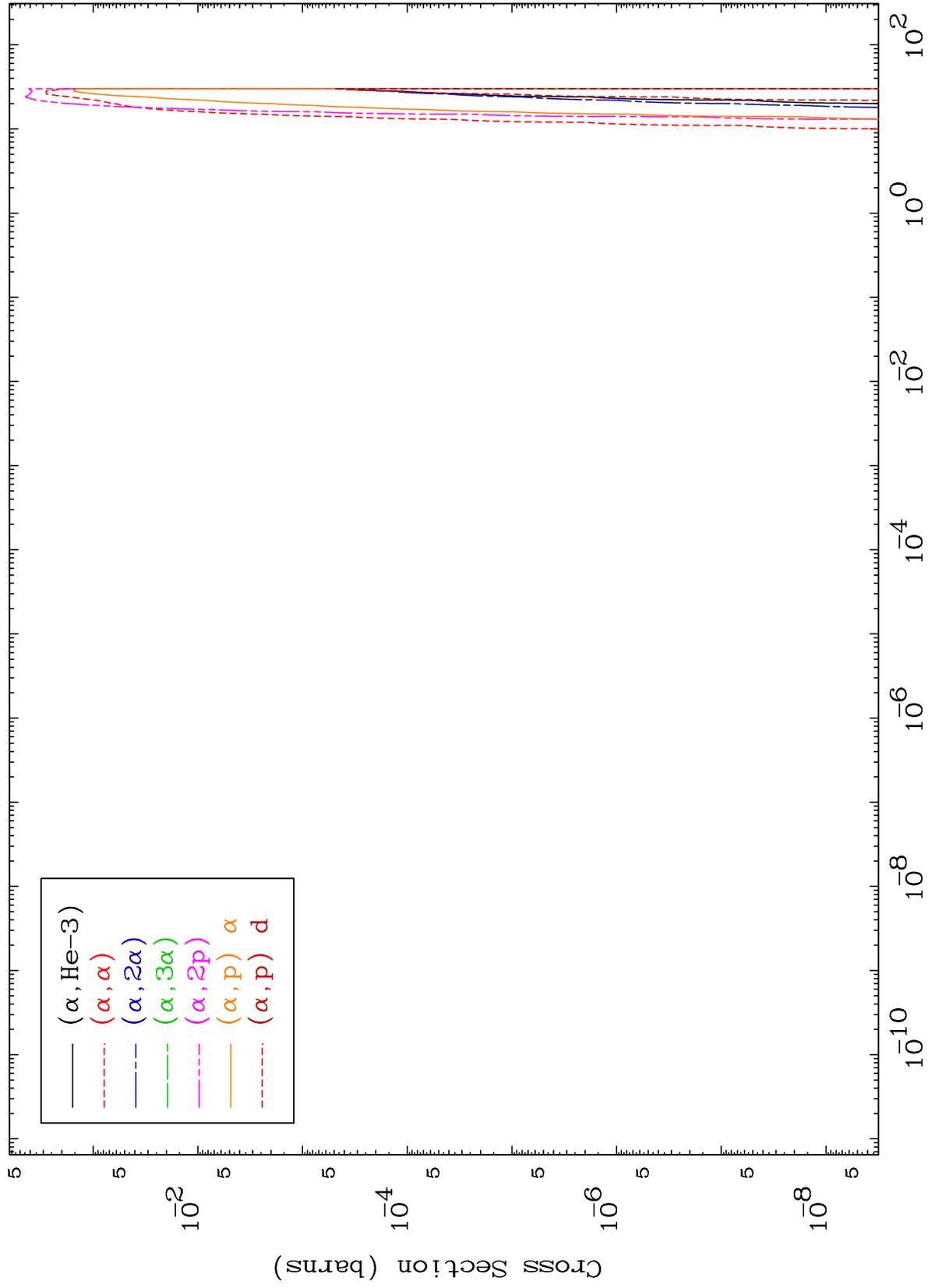
55-Cs-120



MAT 5486

α Charged Particle
0 Kelvin Cross Sections

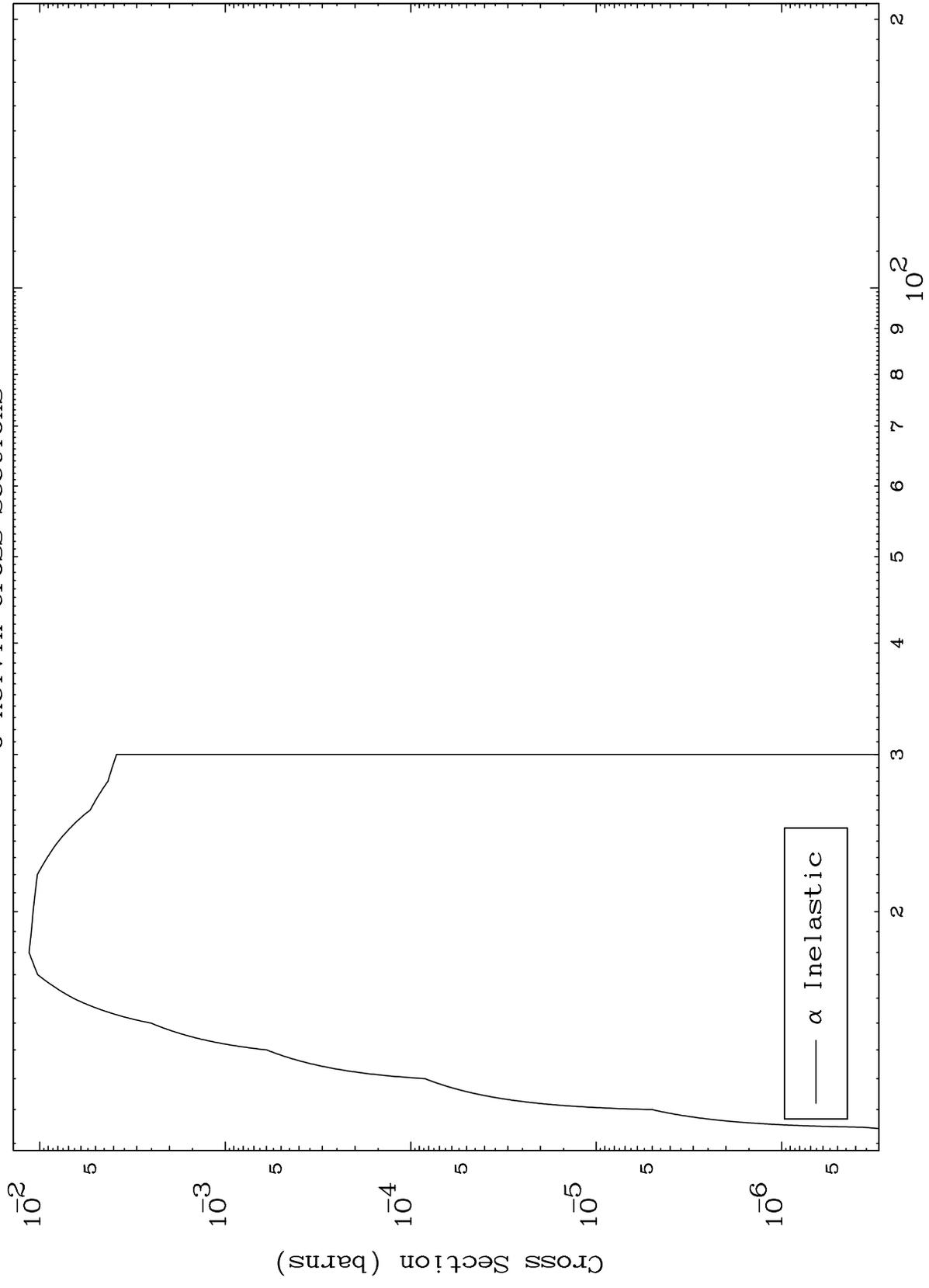
55-Cs-120



MAT 5486

(α, n') Level
0 Kelvin Cross Sections

55-Cs-120



5

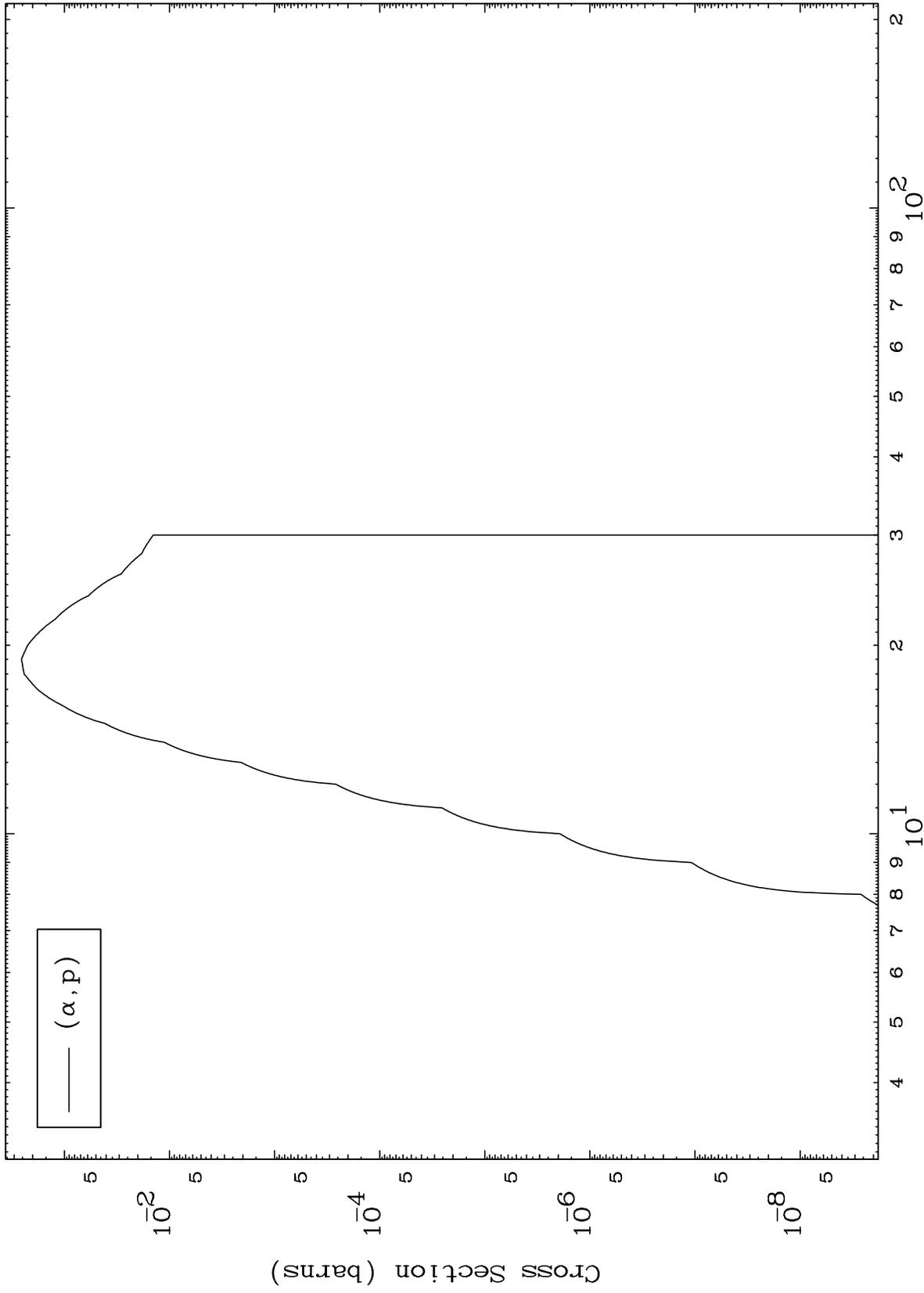
Incident Energy (MeV)

55-Cs-120

MAT 5486

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-120



6

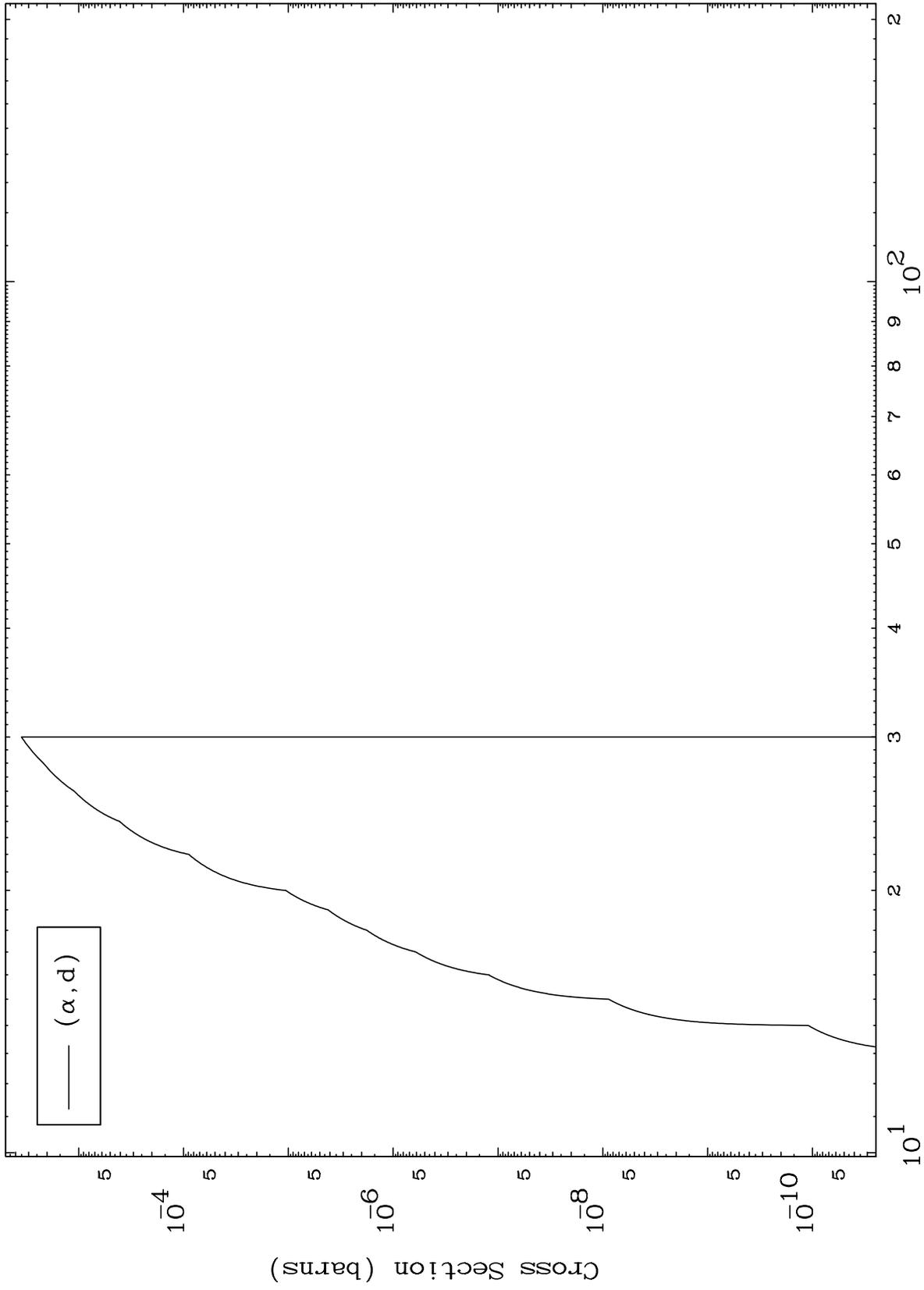
Incident Energy (MeV)

55-Cs-120

MAT 5486

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-120



7

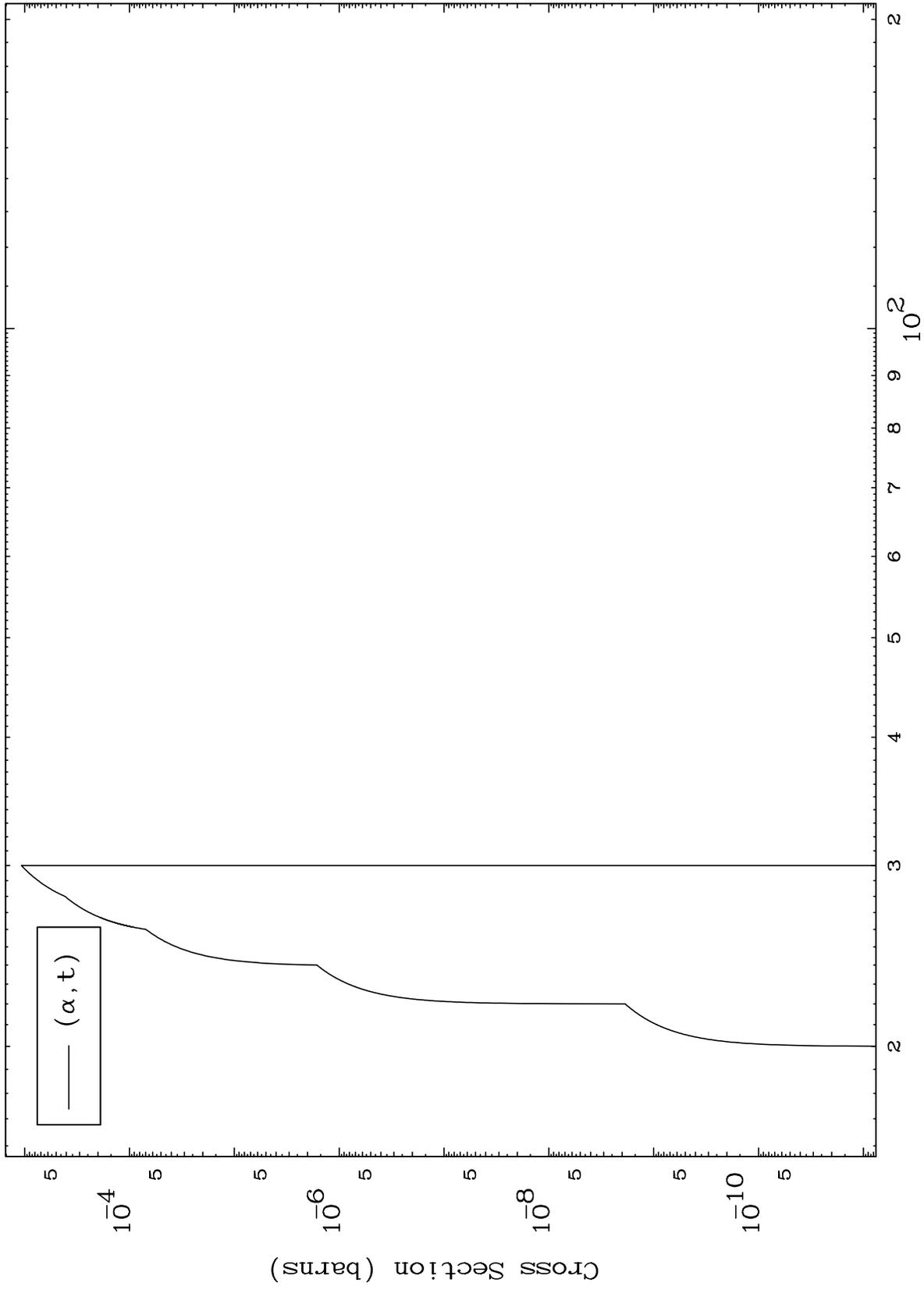
Incident Energy (MeV)

55-Cs-120

MAT 5486

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-120



8

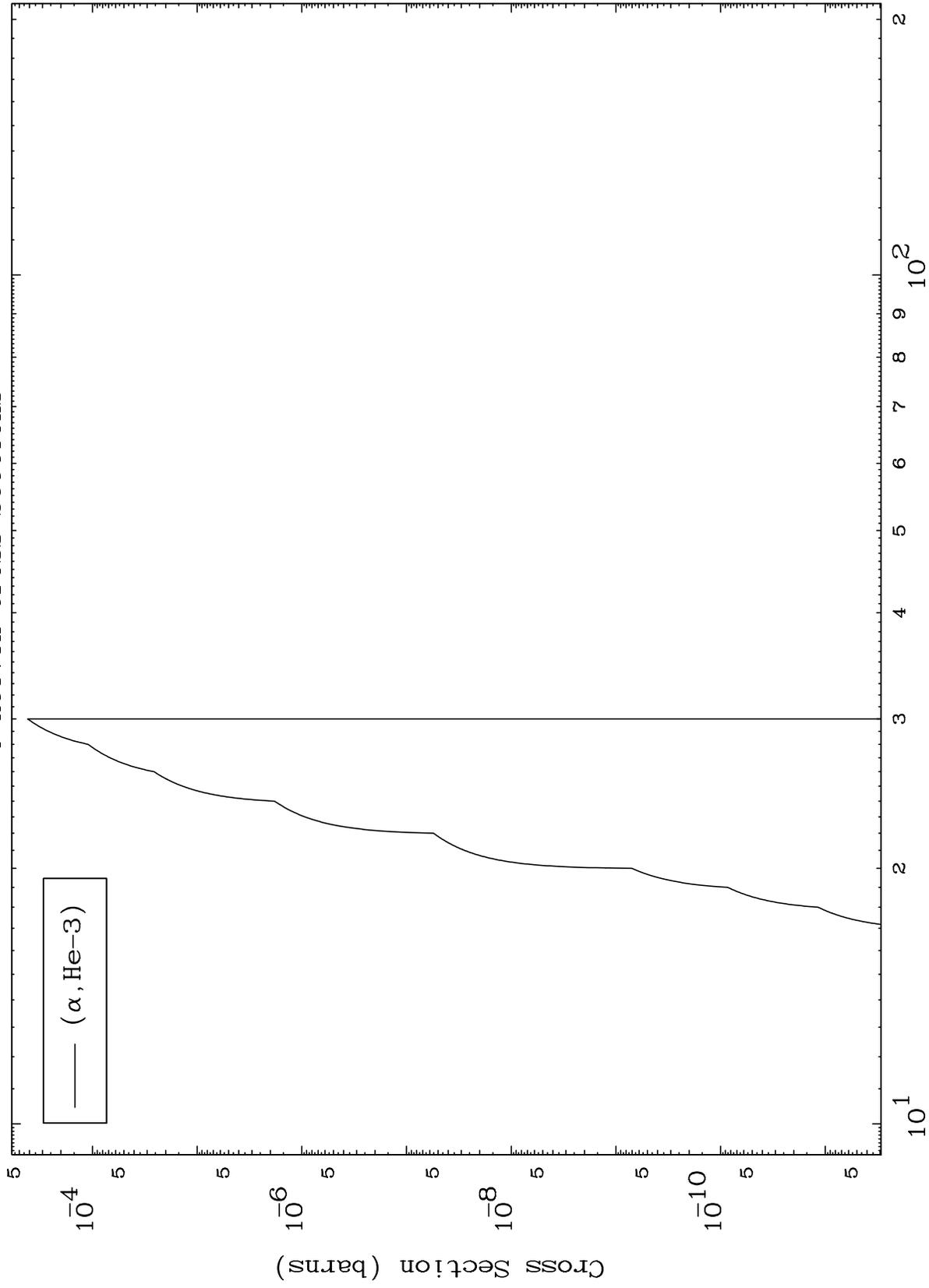
Incident Energy (MeV)

55-Cs-120

MAT 5486

(α ,He3) Levels
0 Kelvin Cross Sections

55-Cs-120



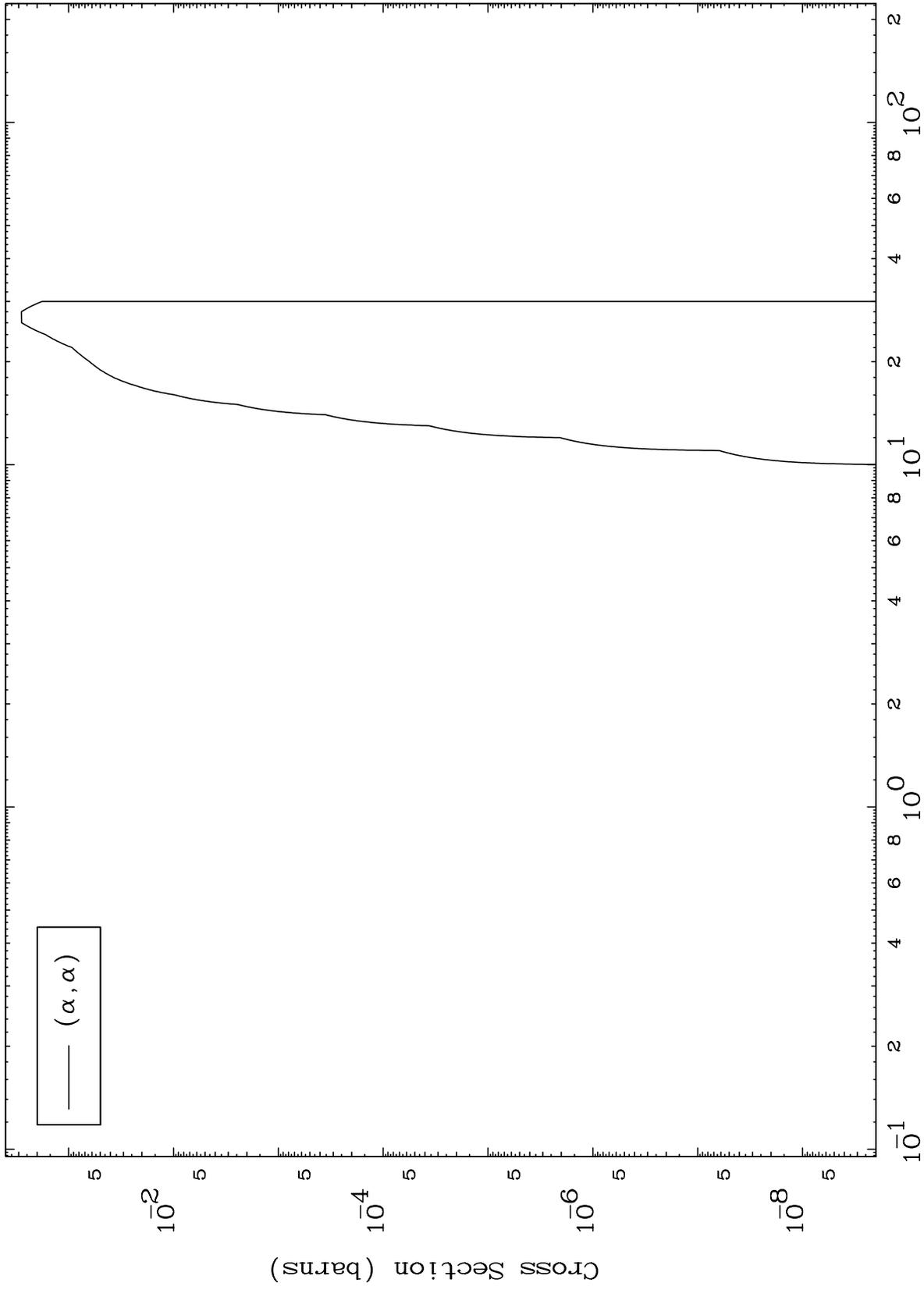
Incident Energy (MeV)

55-Cs-120

MAT 5486

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-120



Incident Energy (MeV)

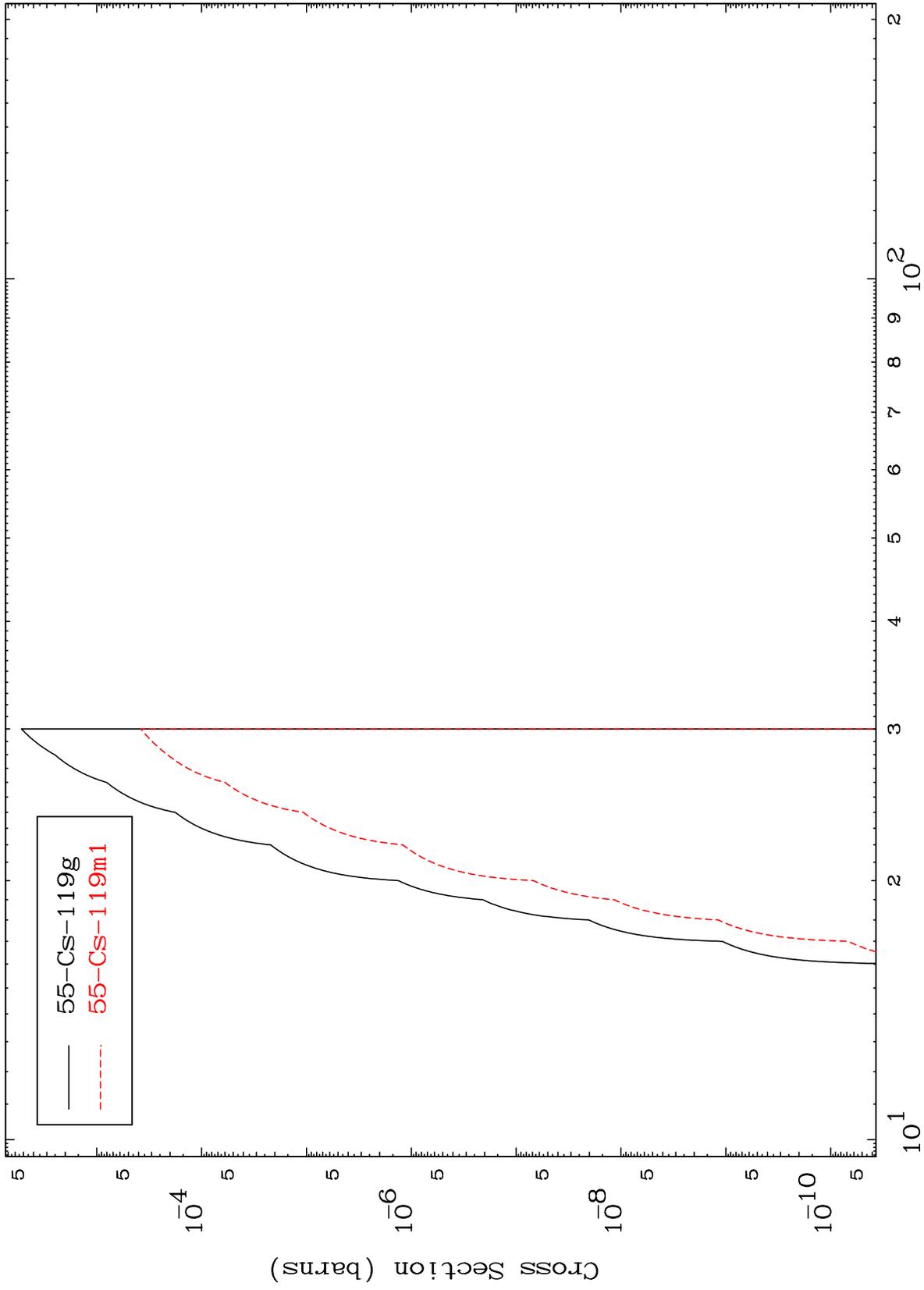
55-Cs-120

MAT 5486

(α, n') α

55-Cs-120

Radionuclide Production Cross Section



11

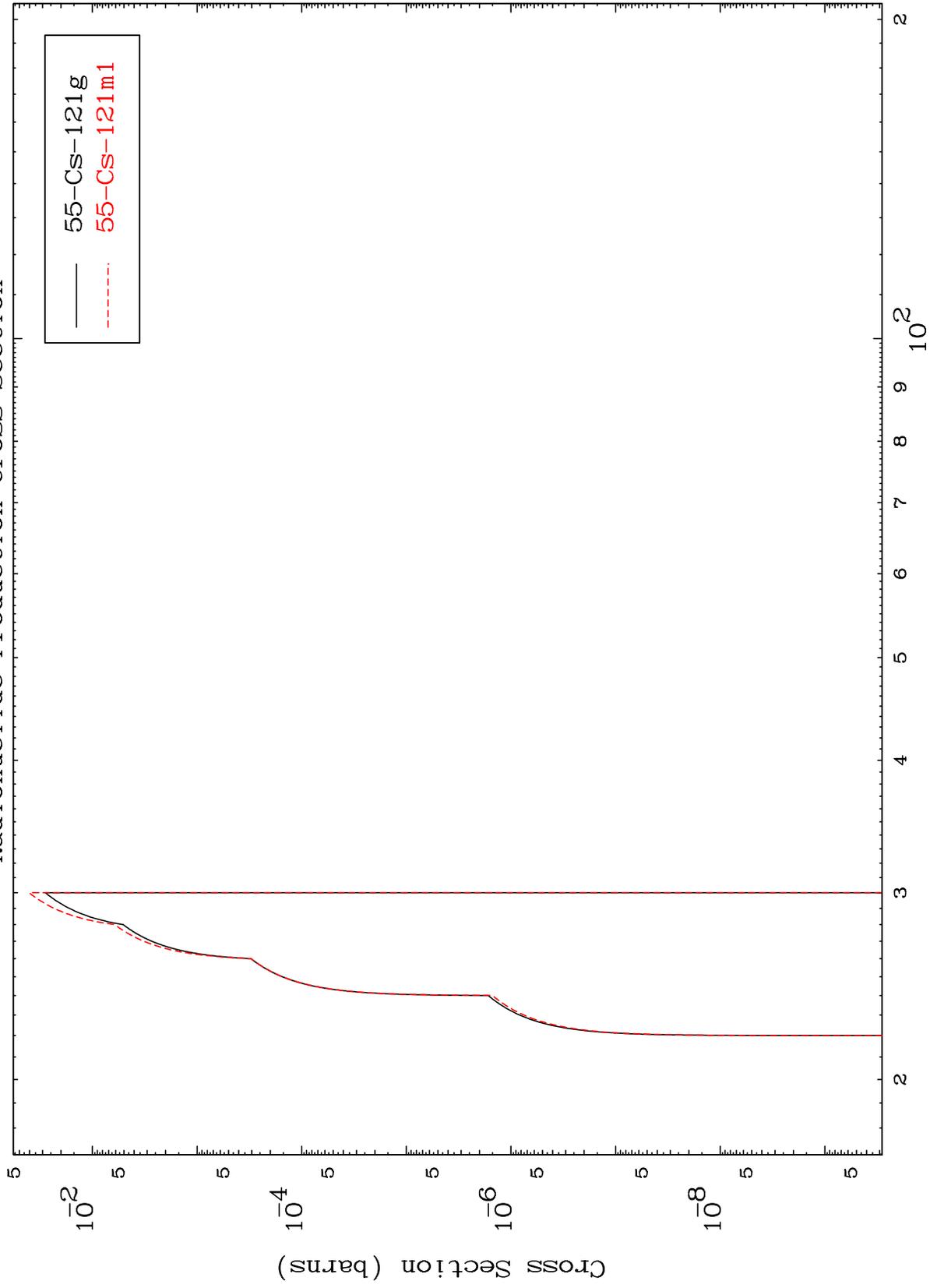
Incident Energy (MeV)

55-Cs-120

MAT 5486

55-Cs-120

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



12

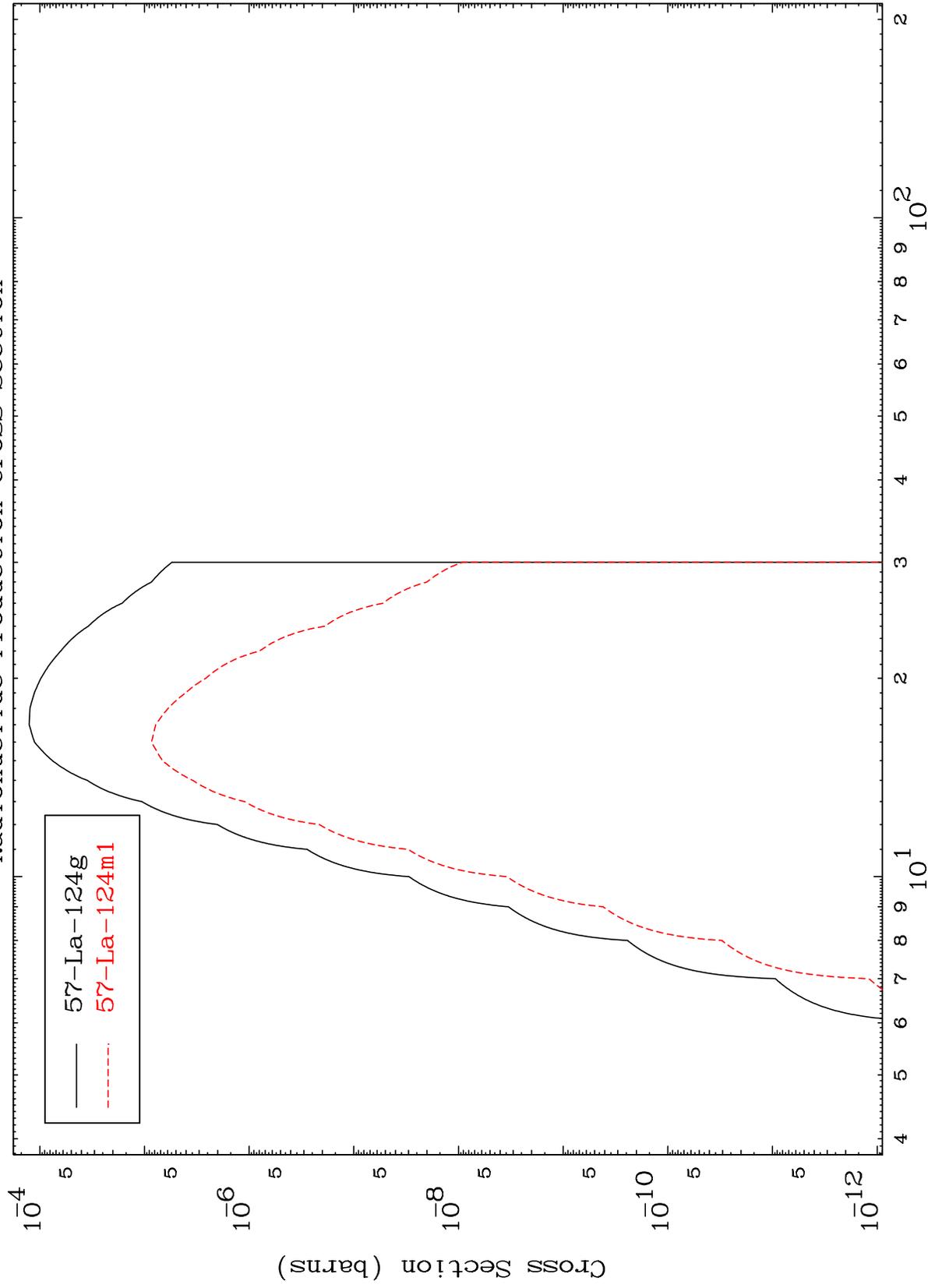
Incident Energy (MeV)

55-Cs-120

MAT 5486

55-Cs-120

(α, γ)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

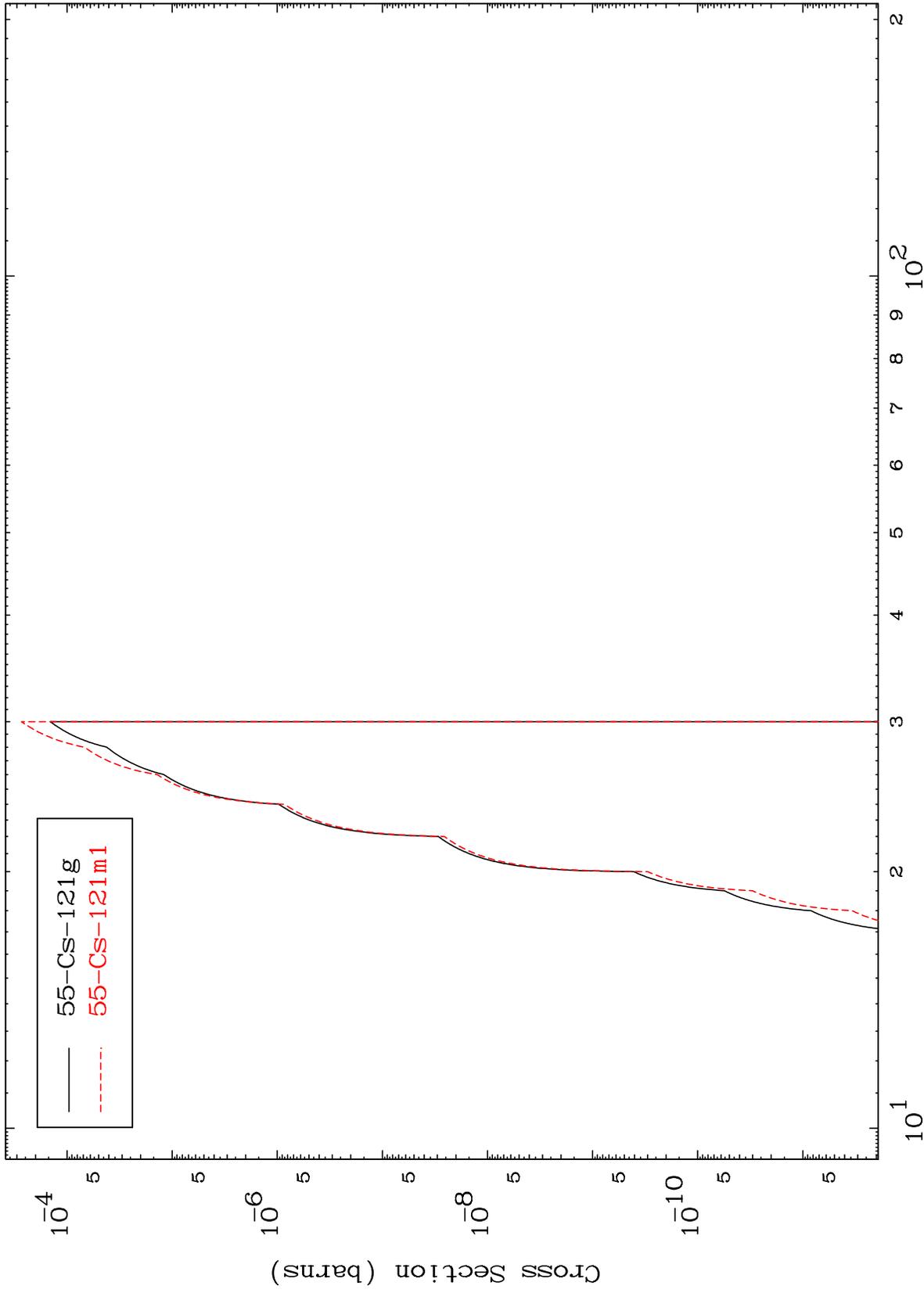
55-Cs-120

MAT 5486

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

55-Cs-120

Radionuclide Production Cross Section



14

Incident Energy (MeV)

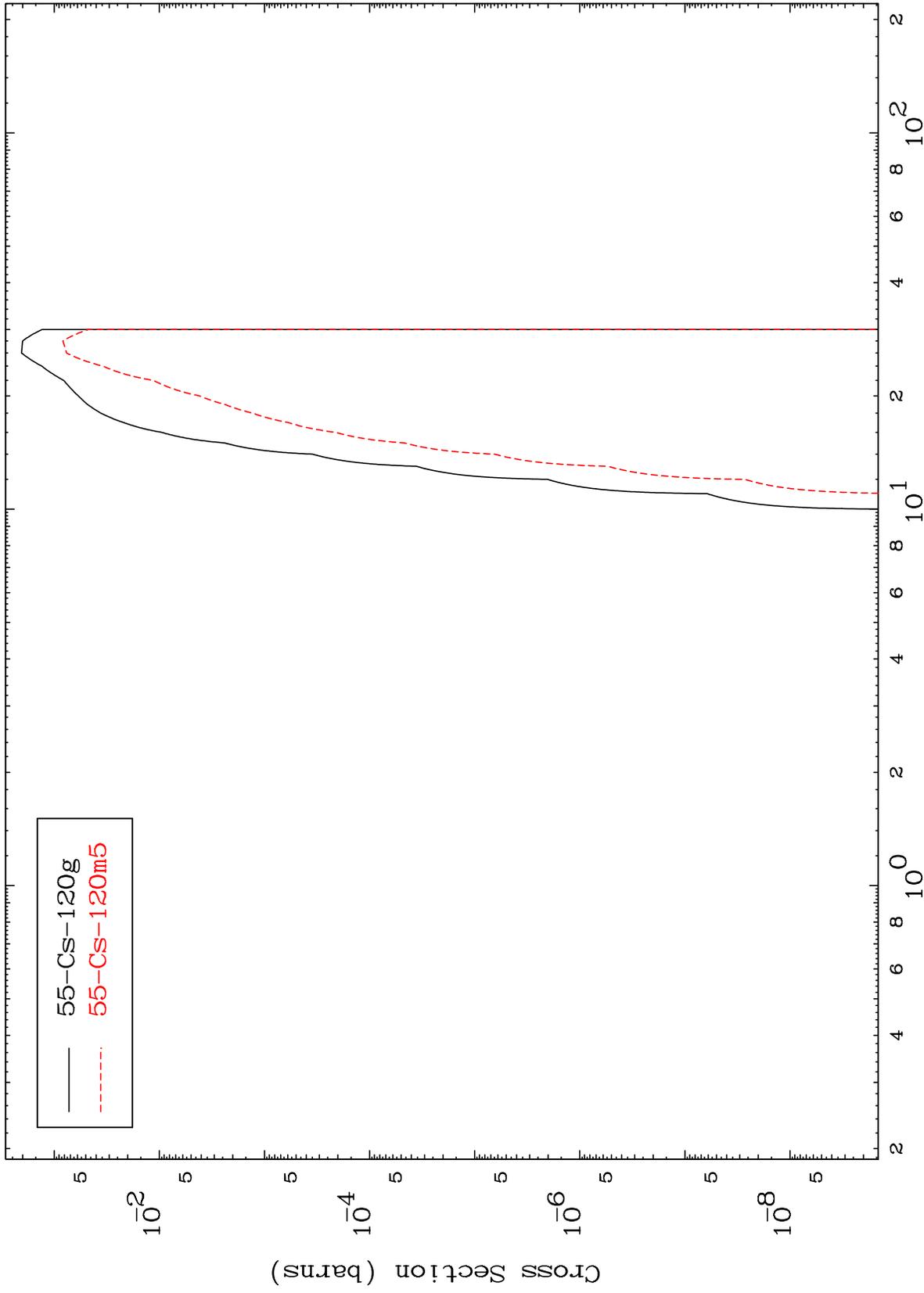
55-Cs-120

MAT 5486

(α, α)

55-Cs-120

Radionuclide Production Cross Section



15

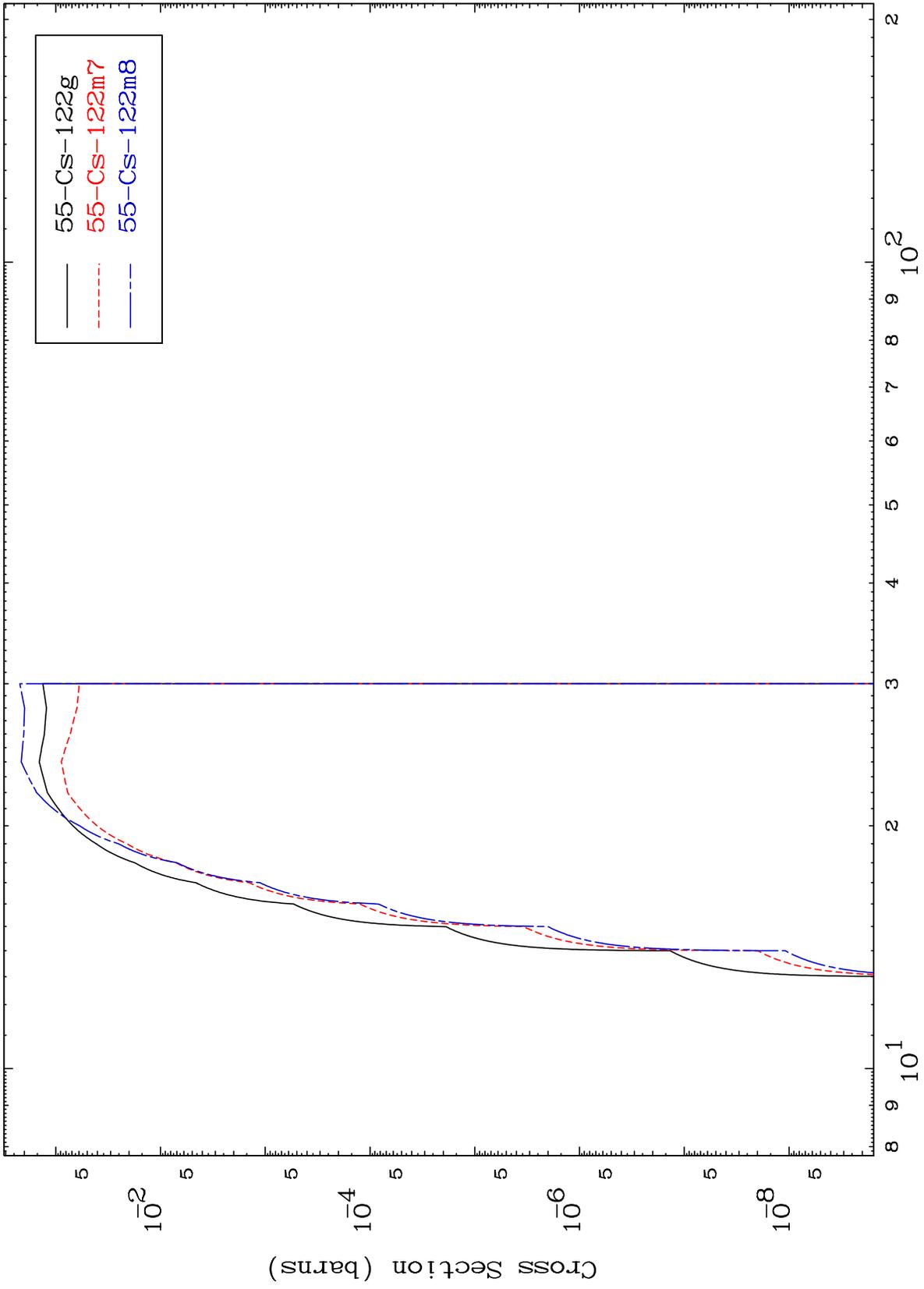
Incident Energy (MeV)

55-Cs-120

MAT 5486

55-Cs-120

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



16

Incident Energy (MeV)

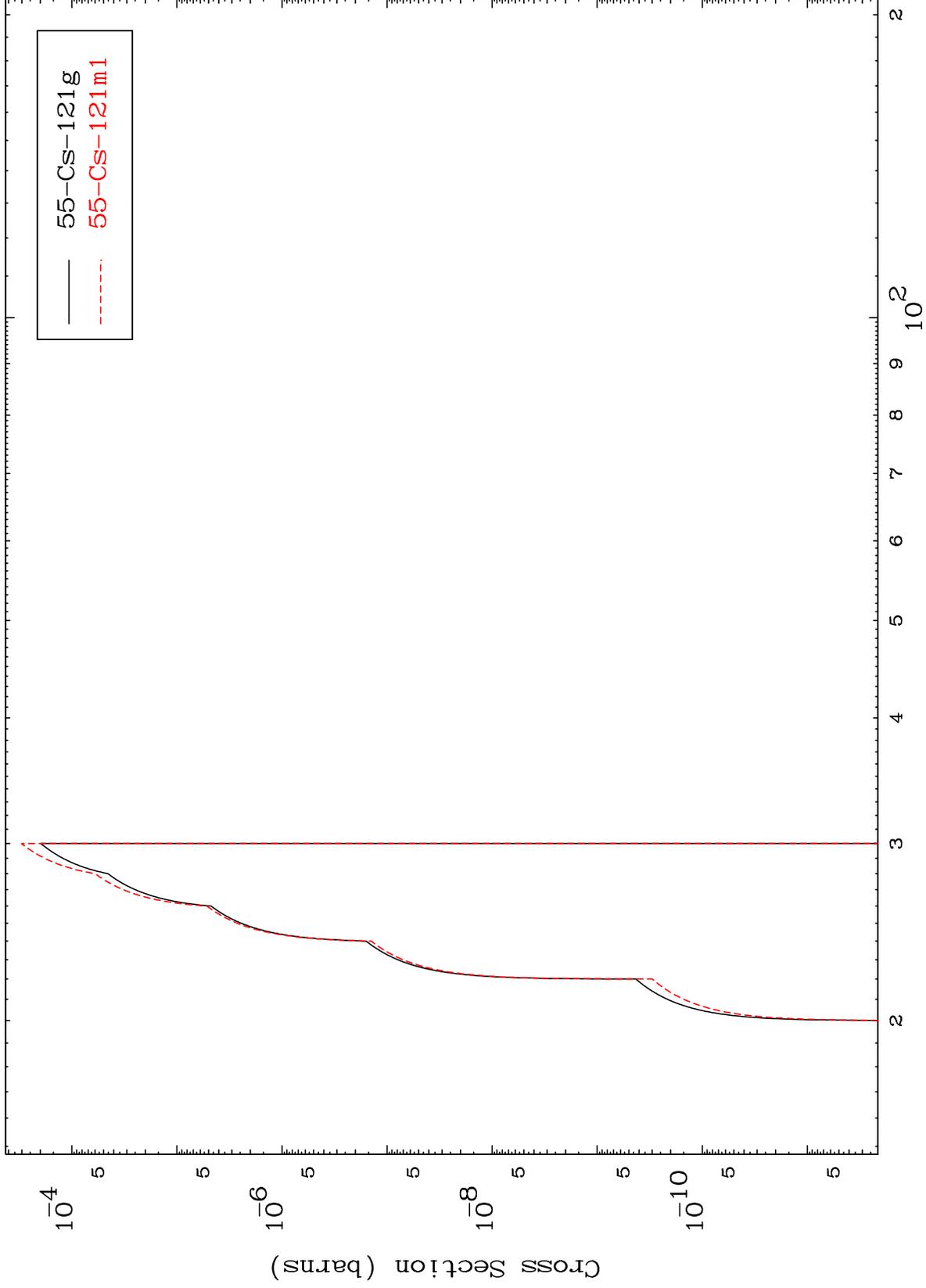
55-Cs-120

MAT 5486

(α, p) d

55-Cs-120

Radionuclide Production Cross Section



17

Incident Energy (MeV)

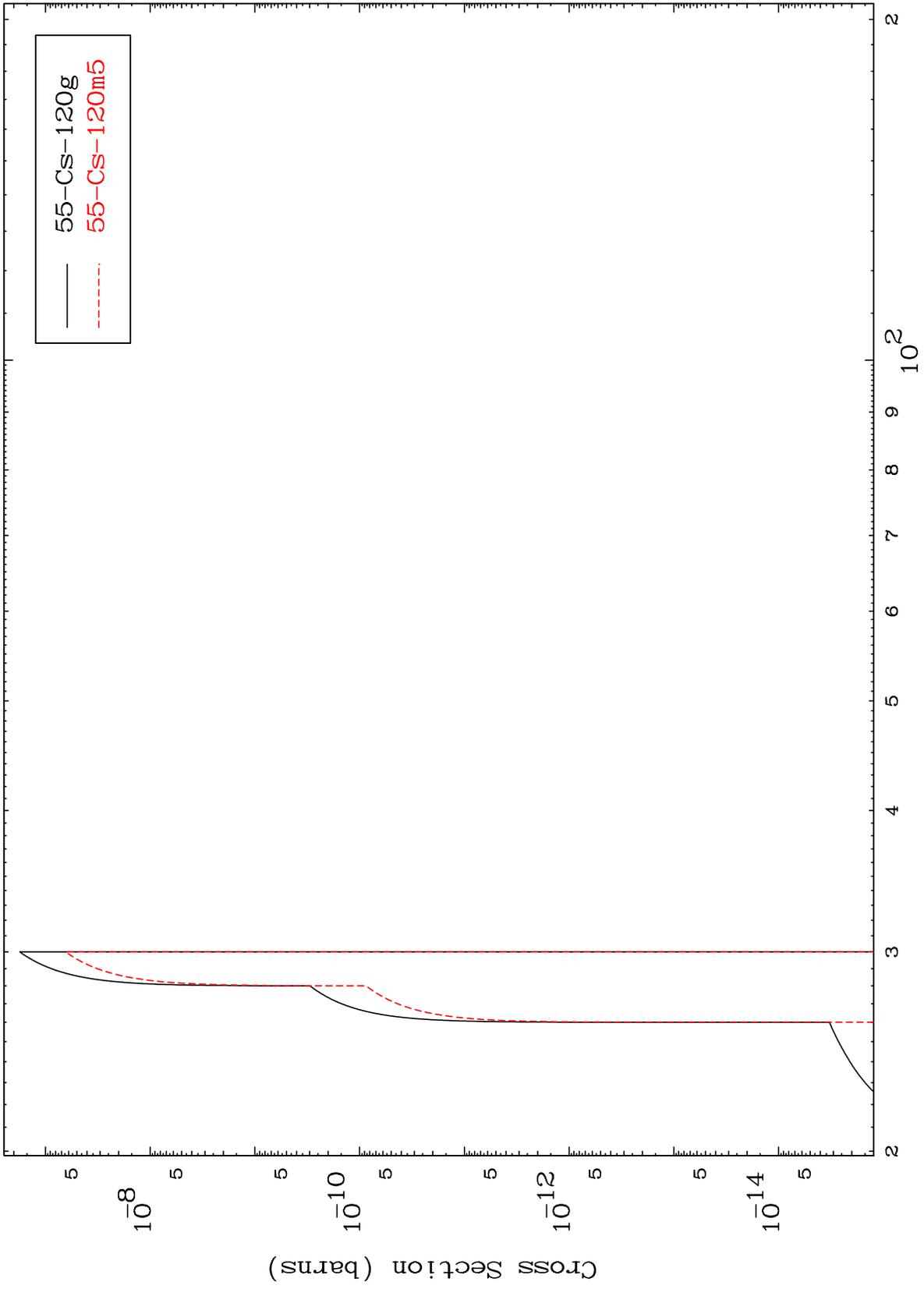
55-Cs-120

MAT 5486

(α, p) t

55-Cs-120

Radionuclide Production Cross Section



18

Incident Energy (MeV)

55-Cs-120