

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

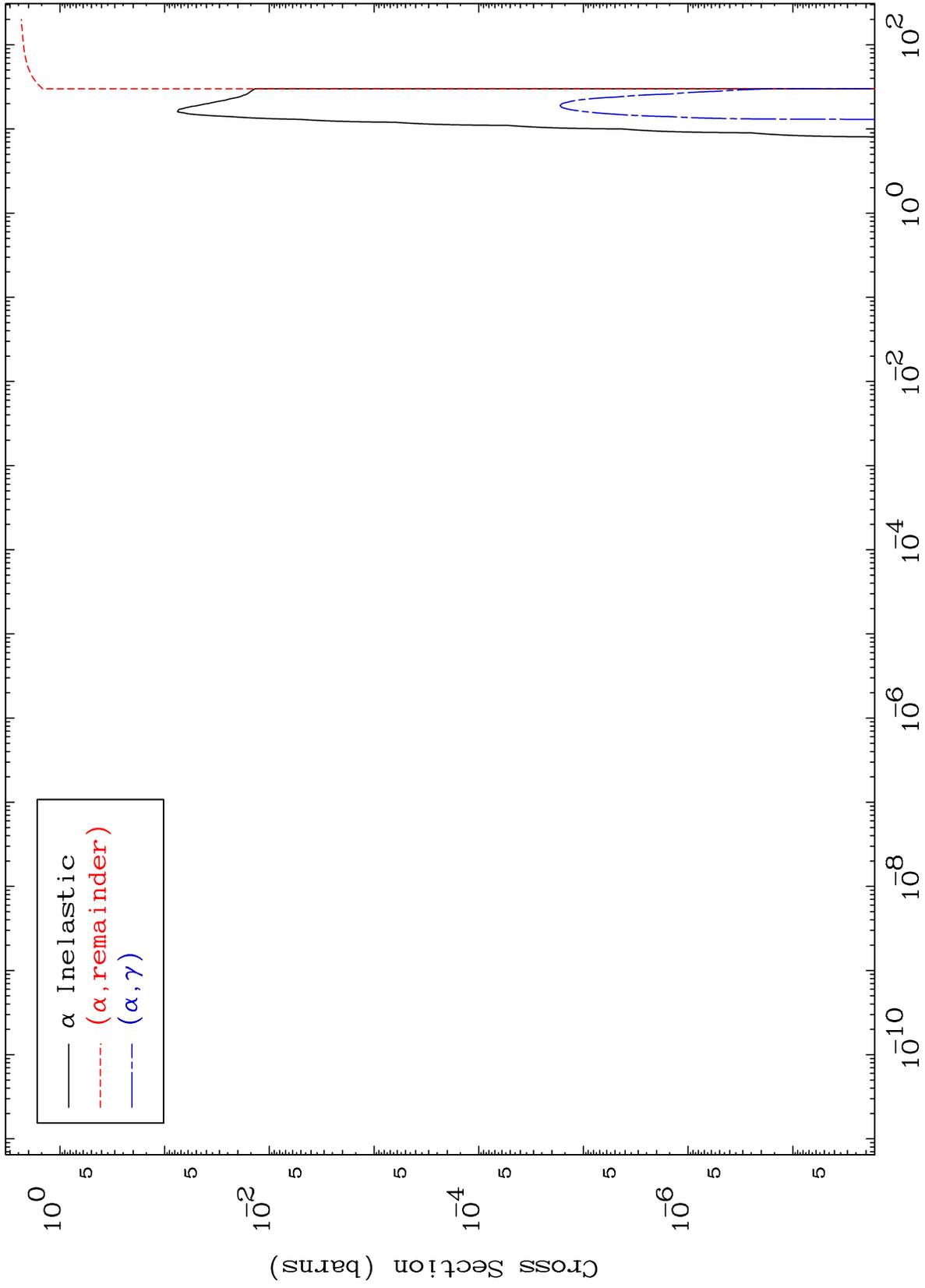
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5535

0 Kelvin α Major

55-Cs-136



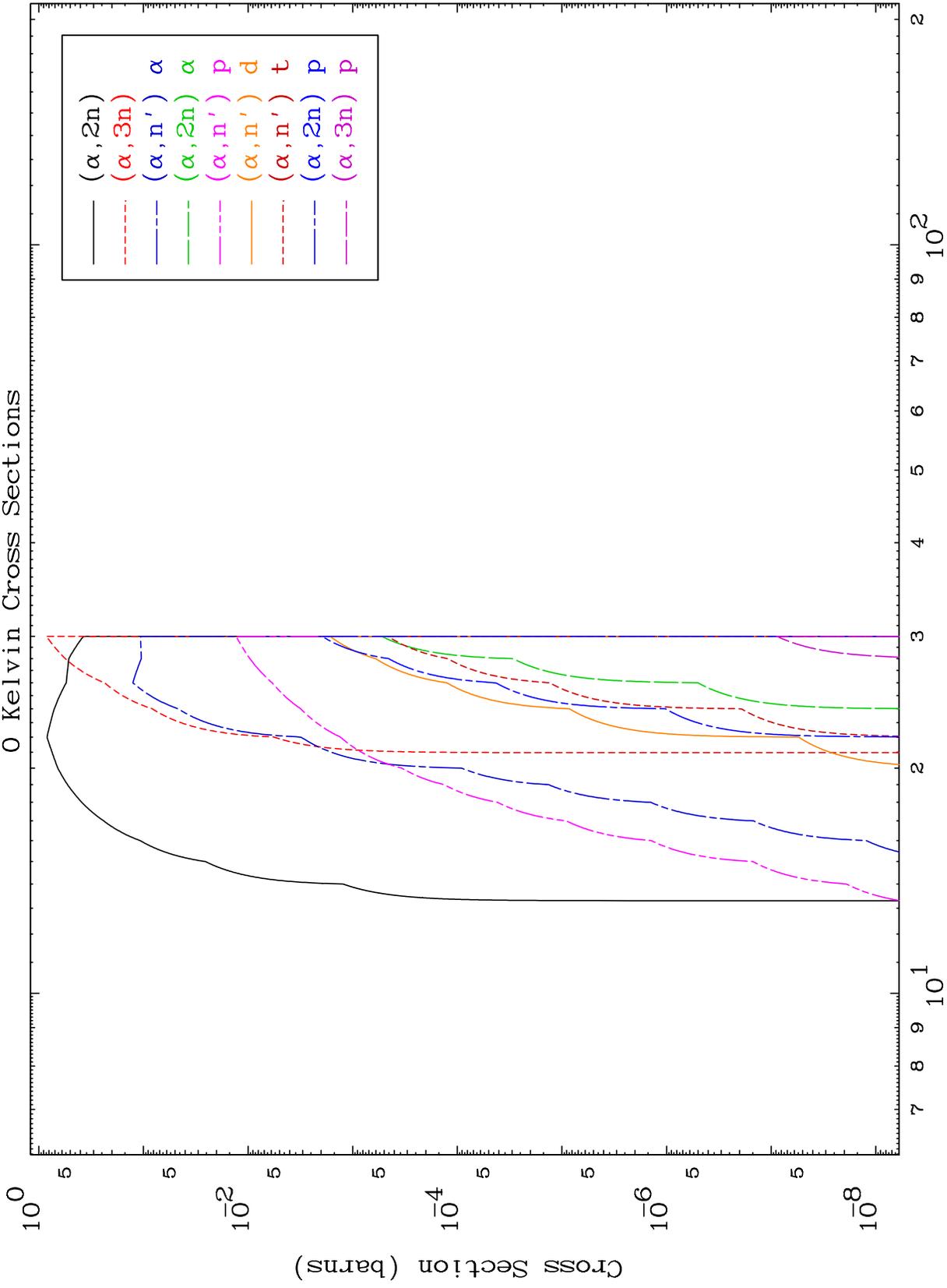
1

55-Cs-136

MAT 5535

α Neutron Production
0 Kelvin Cross Sections

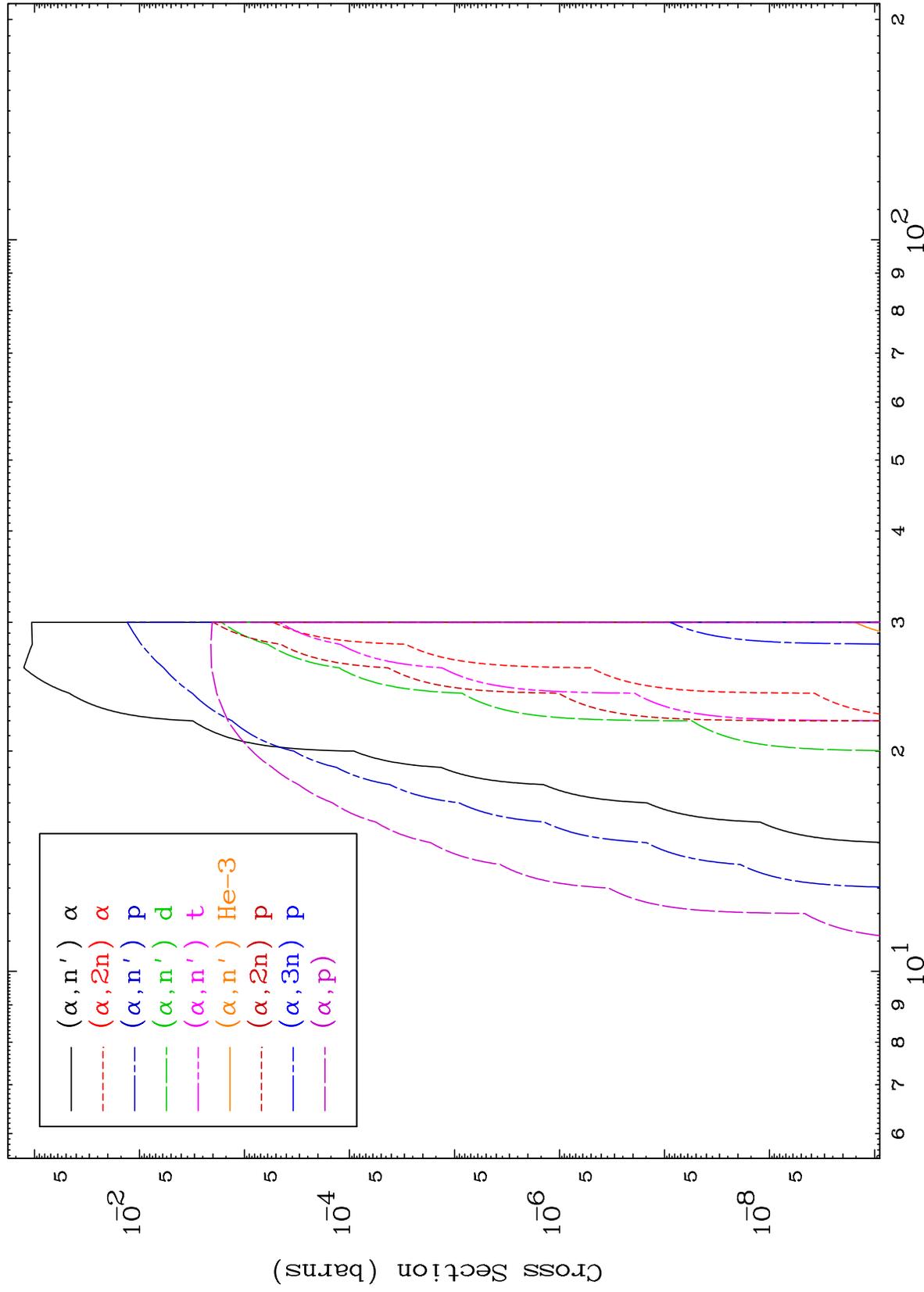
55-Cs-136



2

Incident Energy (MeV)

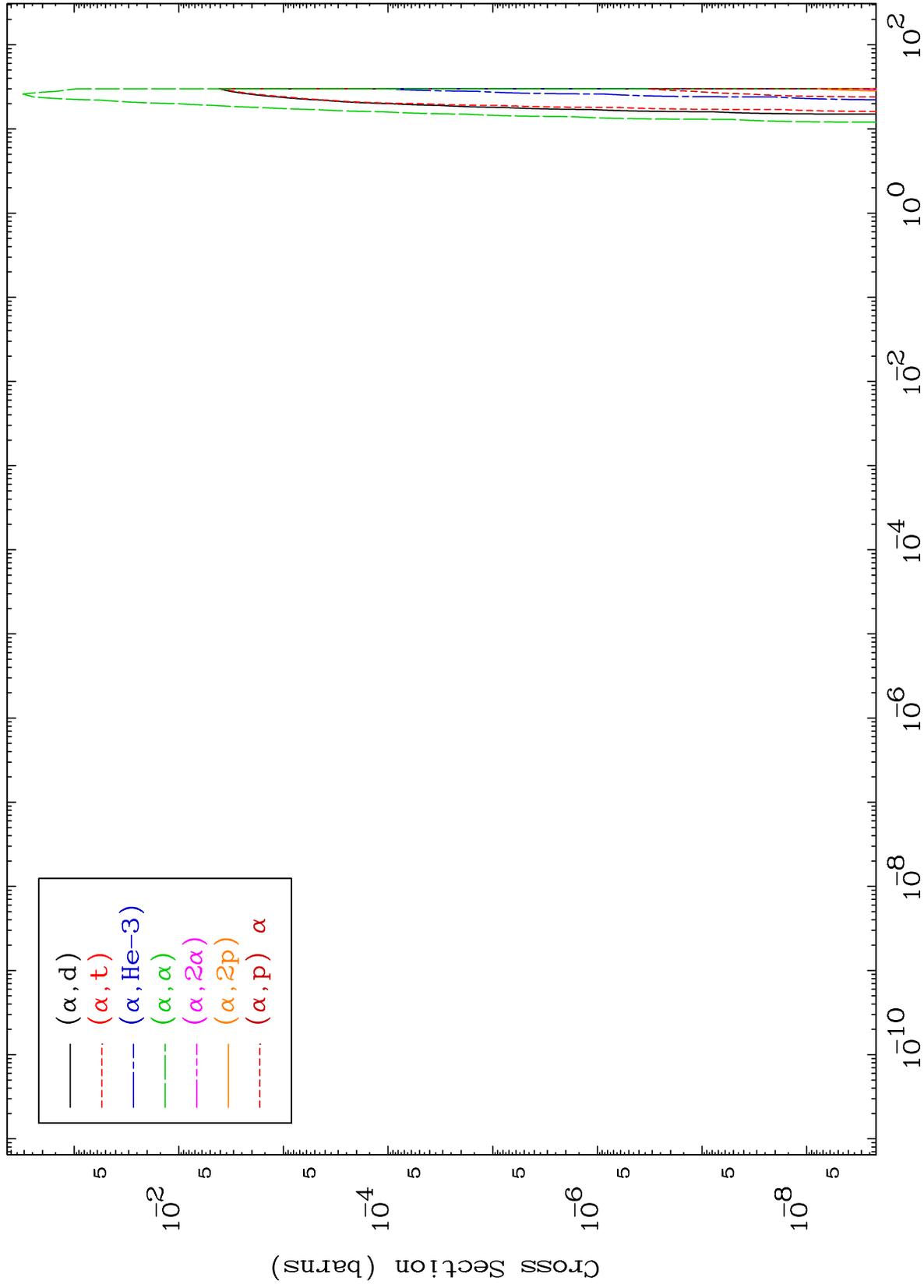
55-Cs-136



MAT 5535

α Charged Particle
0 Kelvin Cross Sections

55-Cs-136

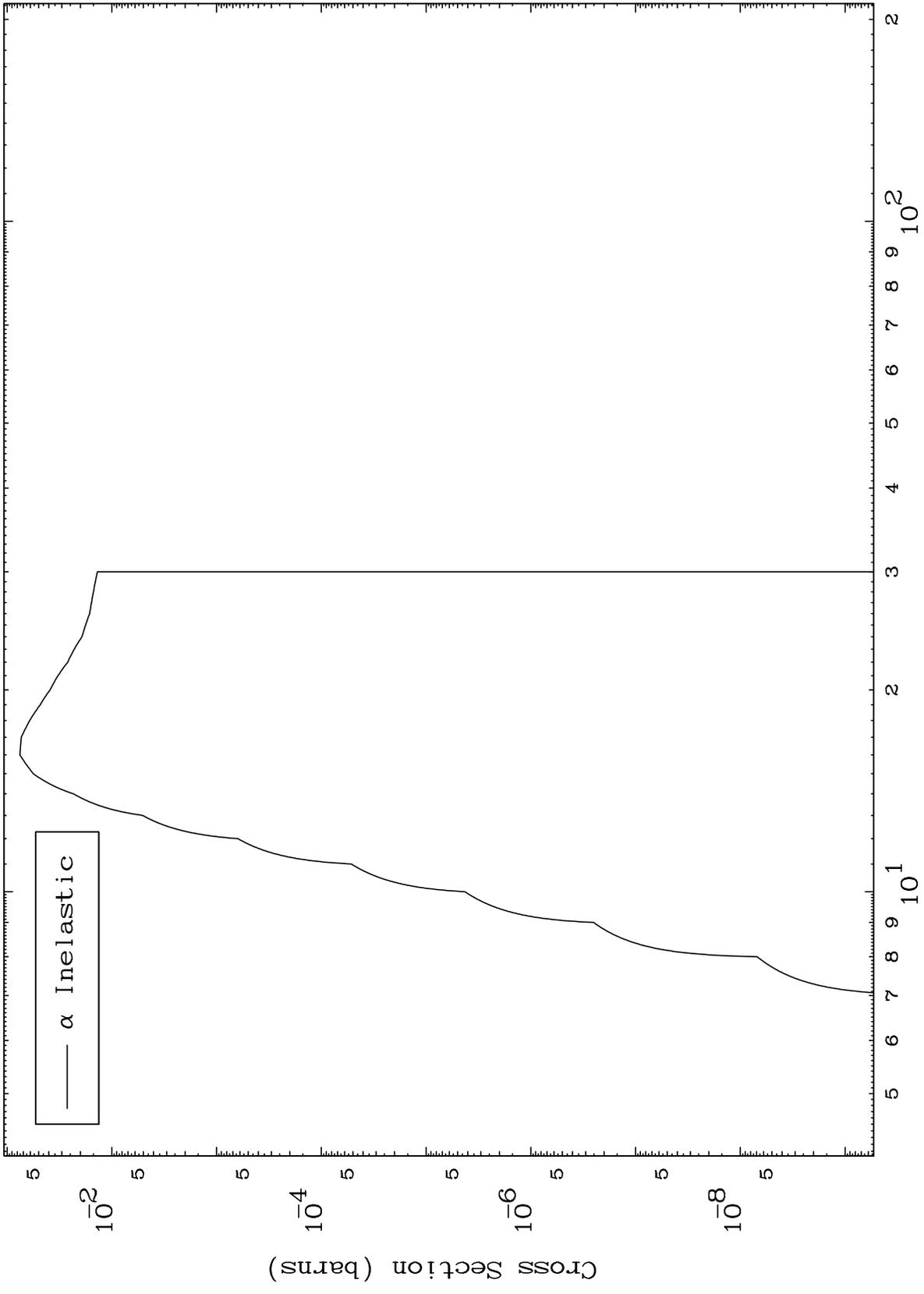


55-Cs-136

MAT 5535

(α, n') Level
0 Kelvin Cross Sections

55-Cs-136



5

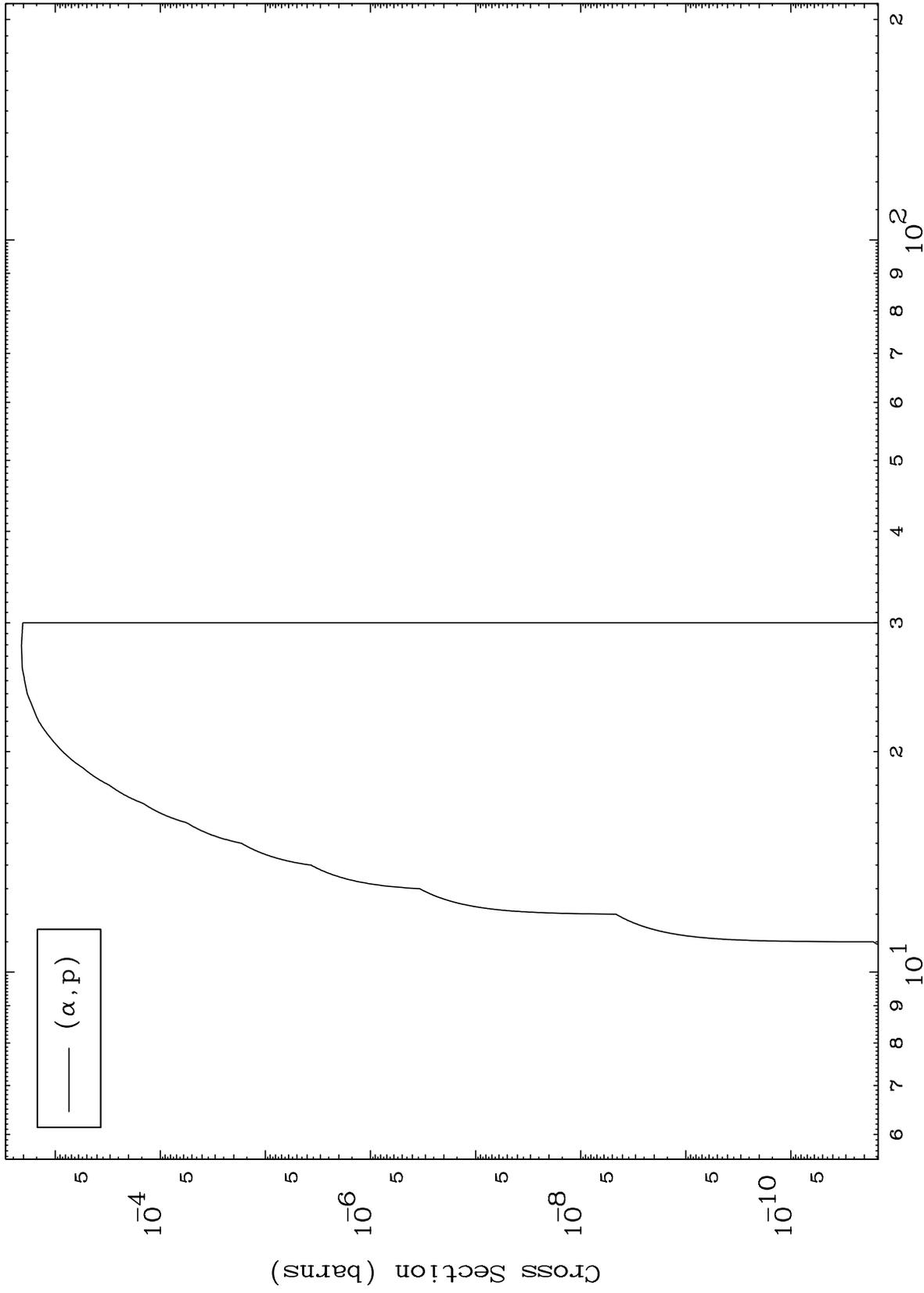
Incident Energy (MeV)

55-Cs-136

MAT 5535

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-136



6

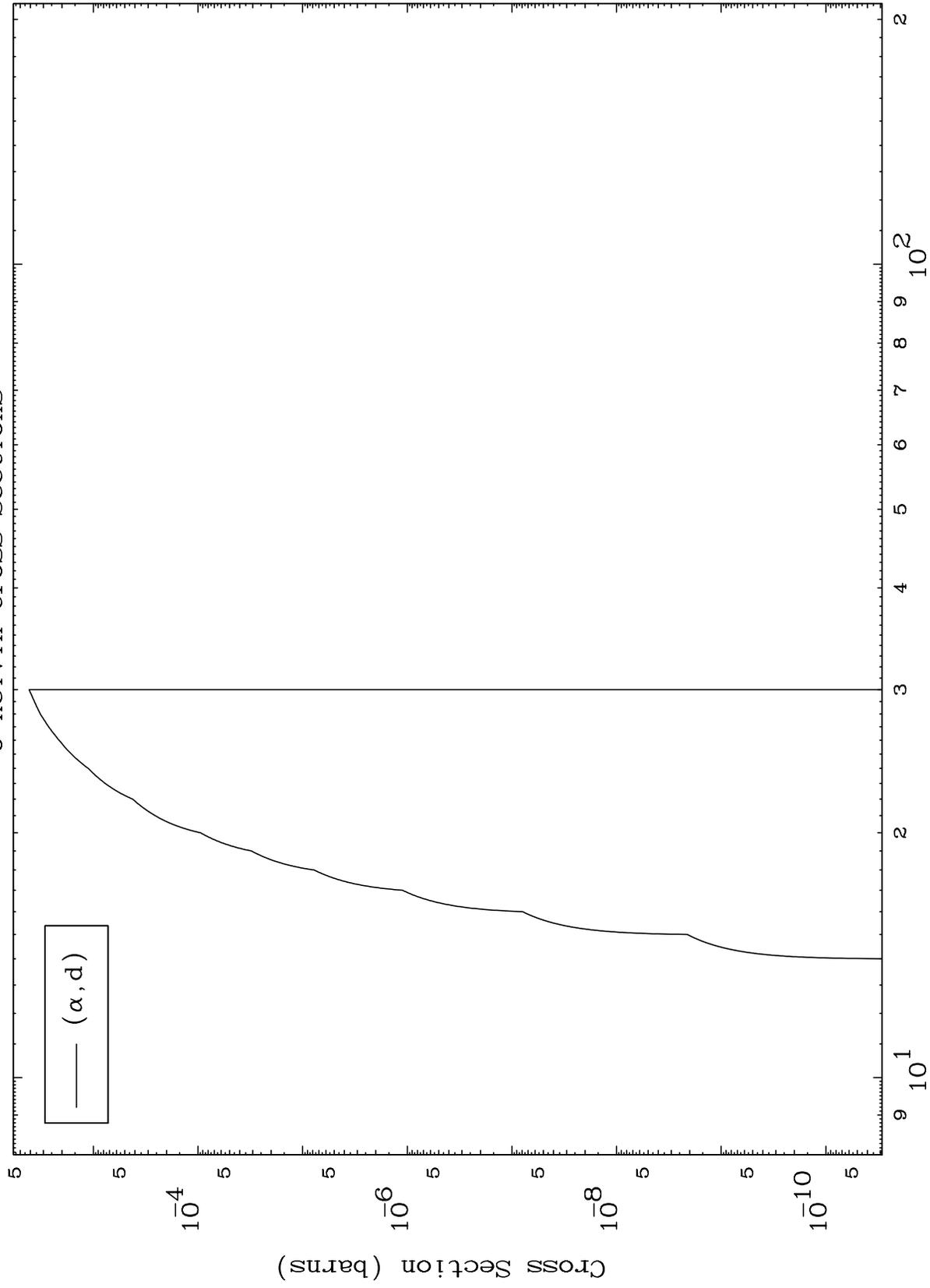
Incident Energy (MeV)

55-Cs-136

MAT 5535

(α, d) Levels
0 Kelvin Cross Sections

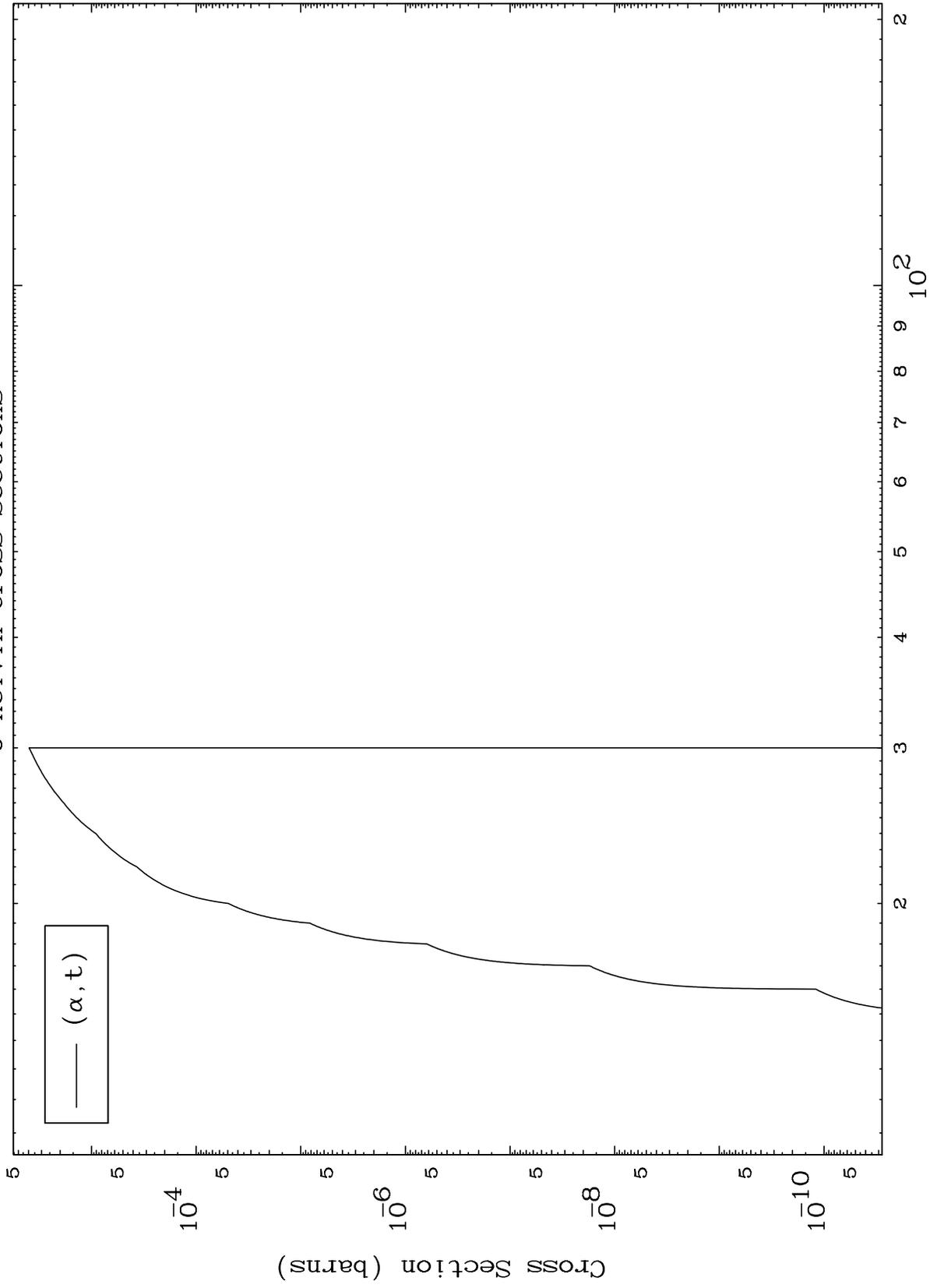
55-Cs-136



7

Incident Energy (MeV)

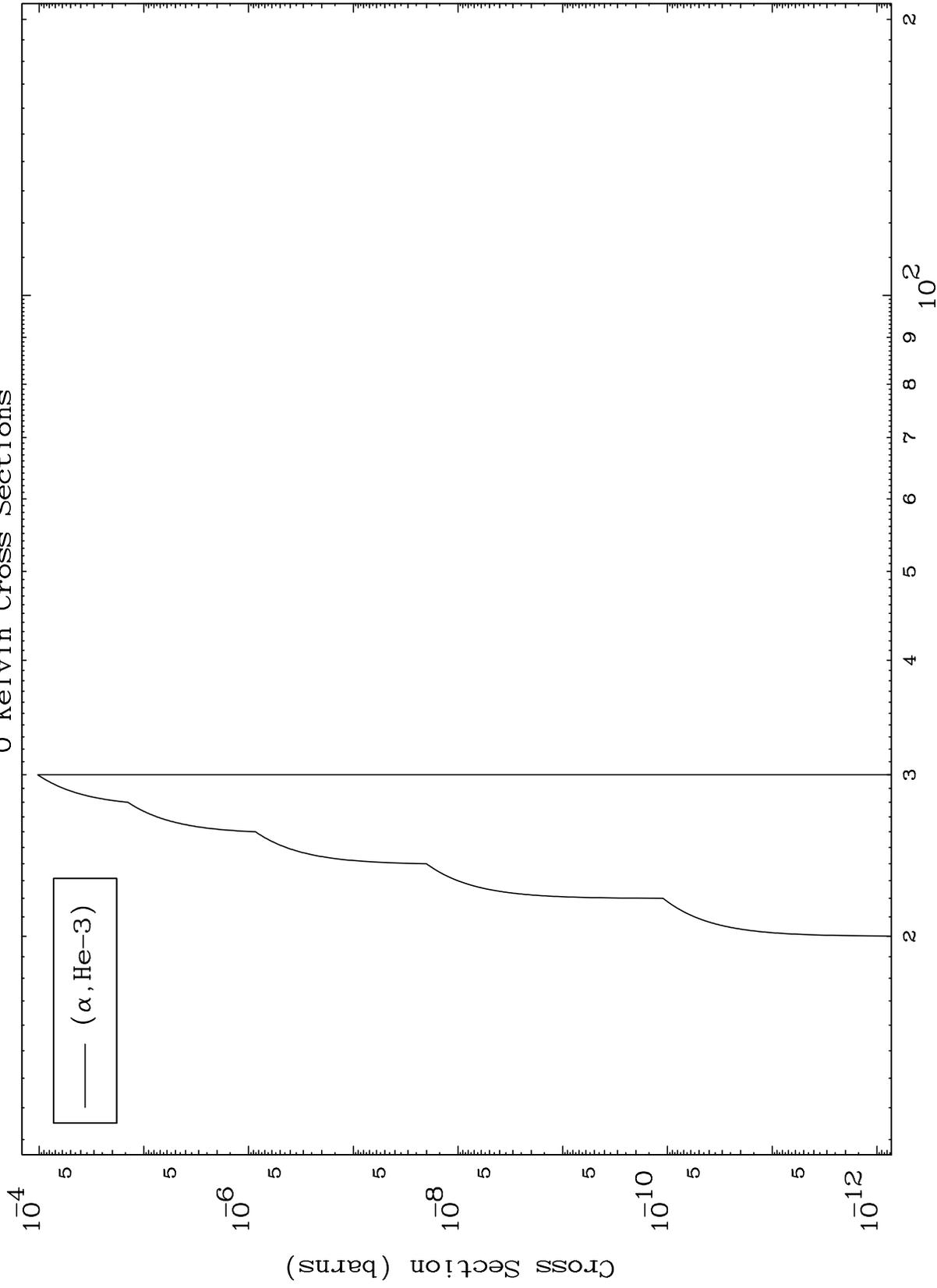
55-Cs-136



MAT 5535

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

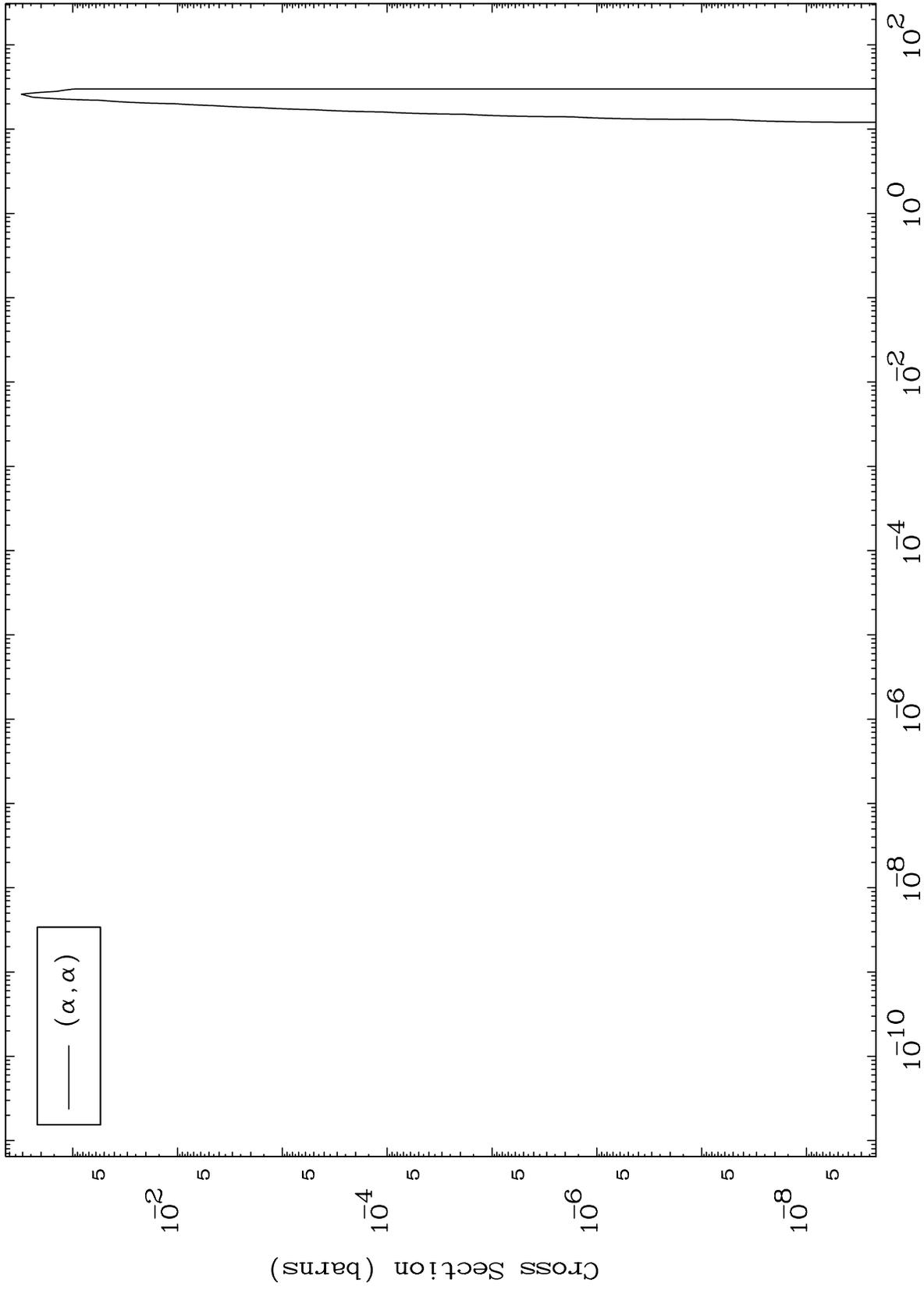
55-Cs-136



MAT 5535

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-136



10

Incident Energy (MeV)

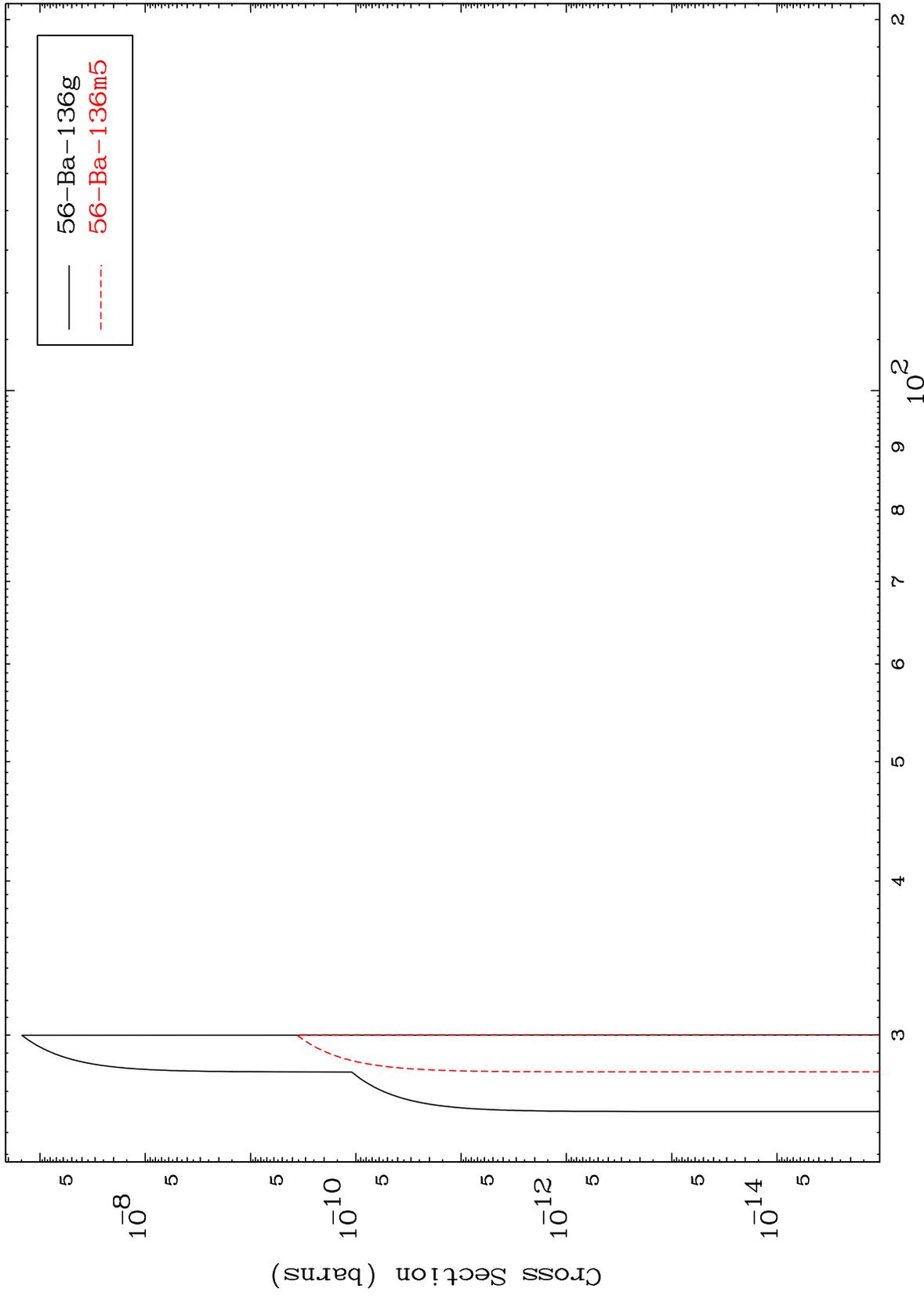
55-Cs-136

MAT 5535

($\alpha, 2n$) d

55-Cs-136

Radionuclide Production Cross Section



11

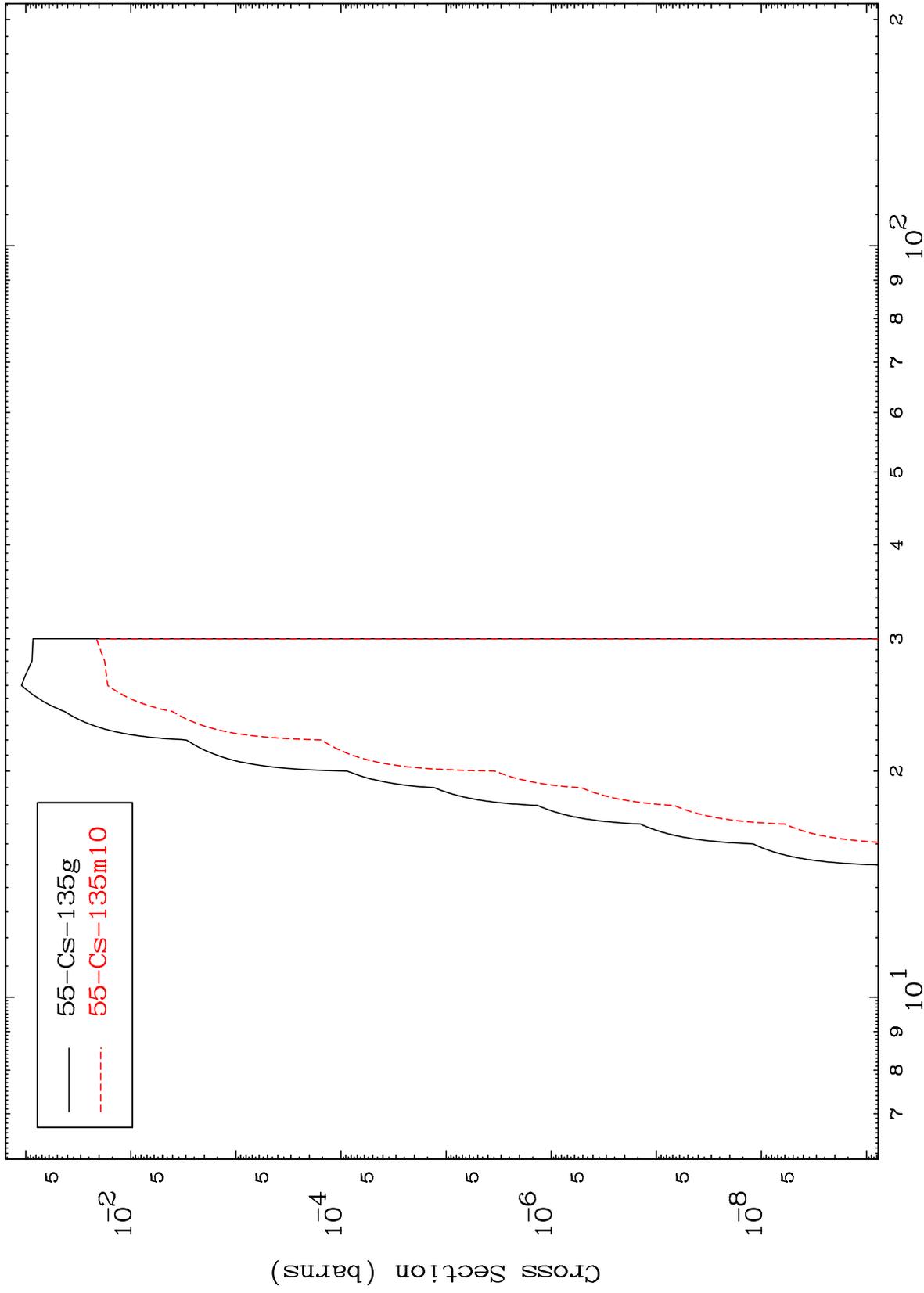
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(α, n') α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

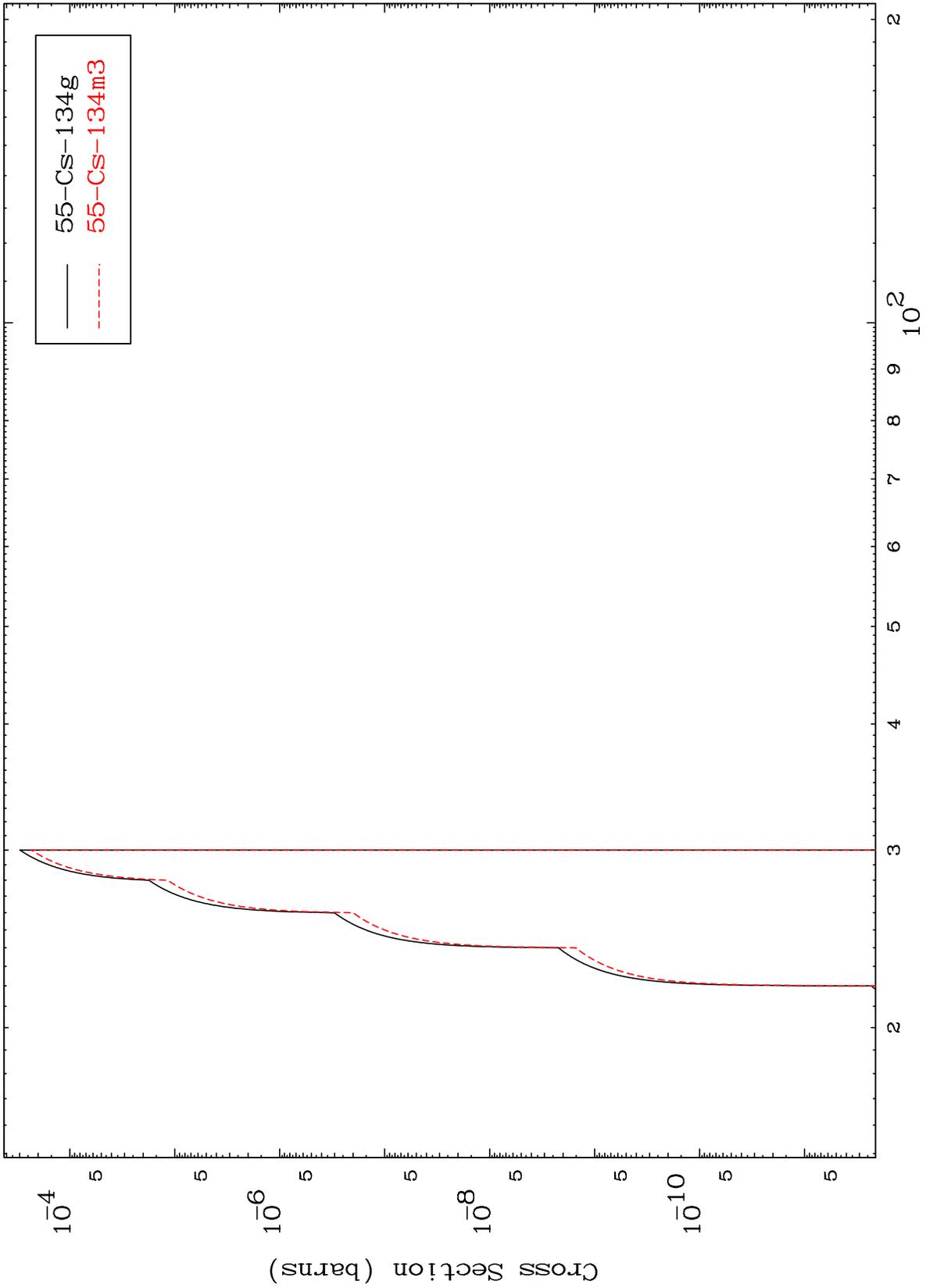
55-Cs-136

MAT 5535

($\alpha, 2n$) α

55-Cs-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

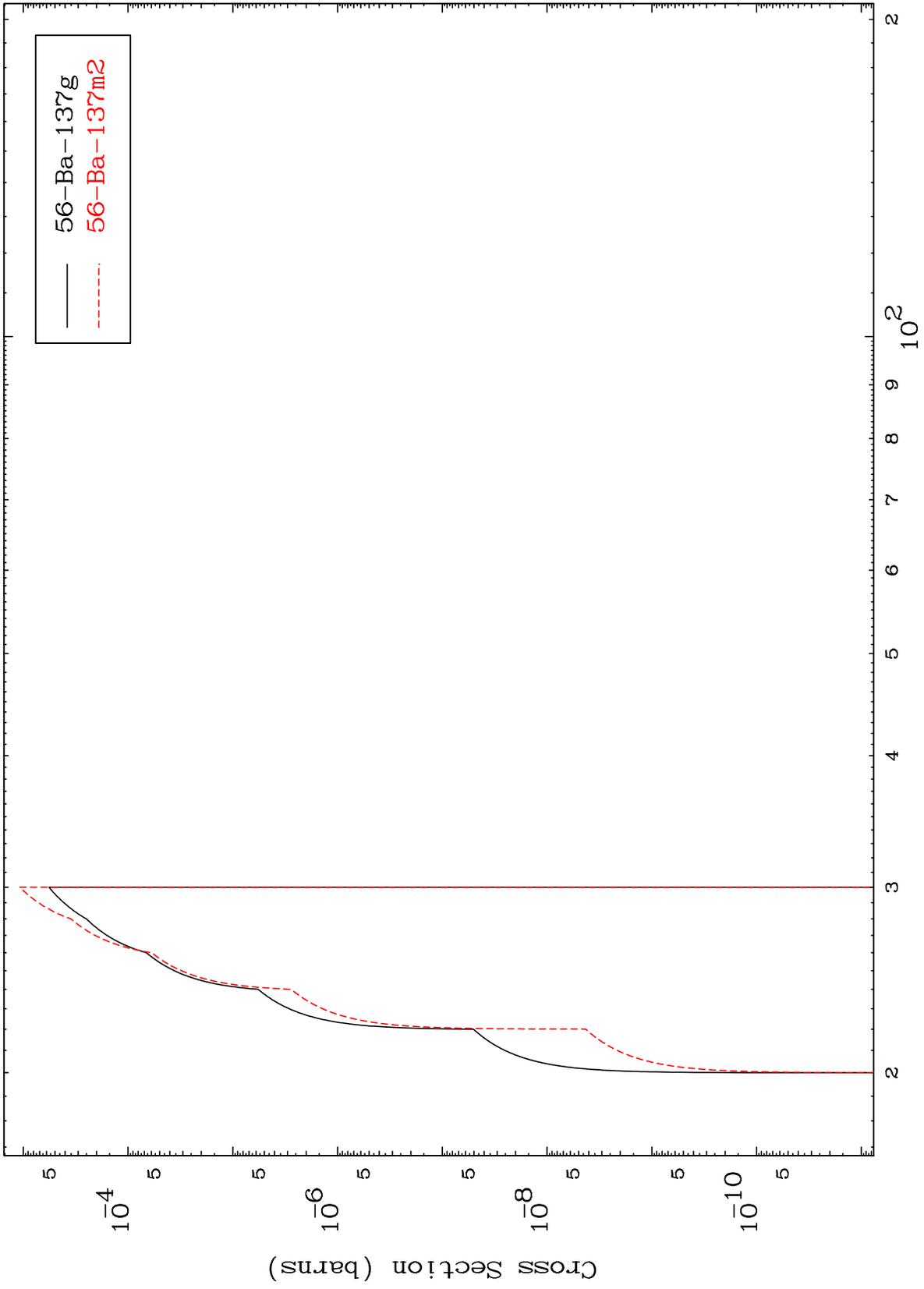
55-Cs-136

MAT 5535

(α, n') d

55-Cs-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

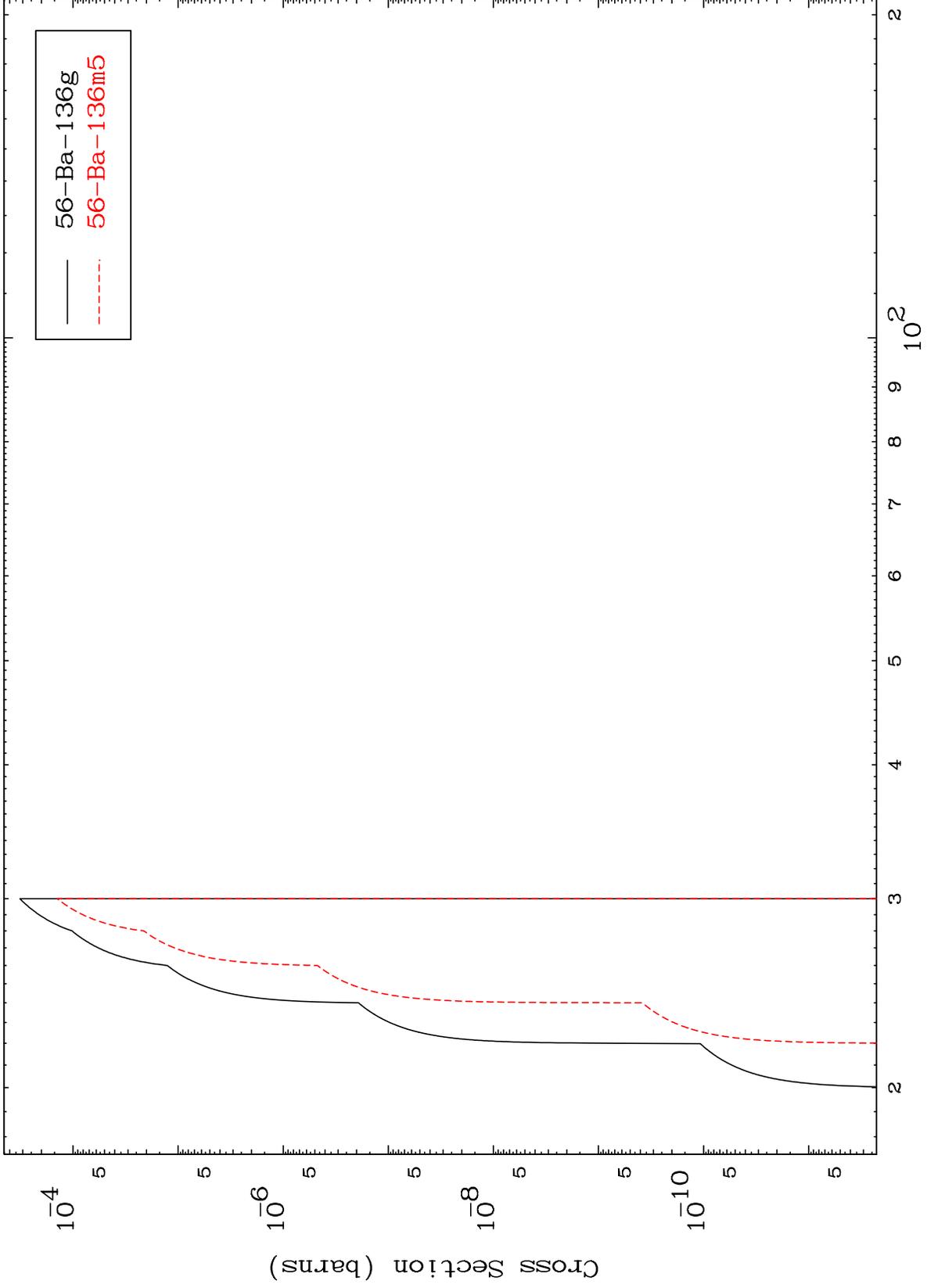
55-Cs-136

MAT 5535

(α, n') t

55-Cs-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

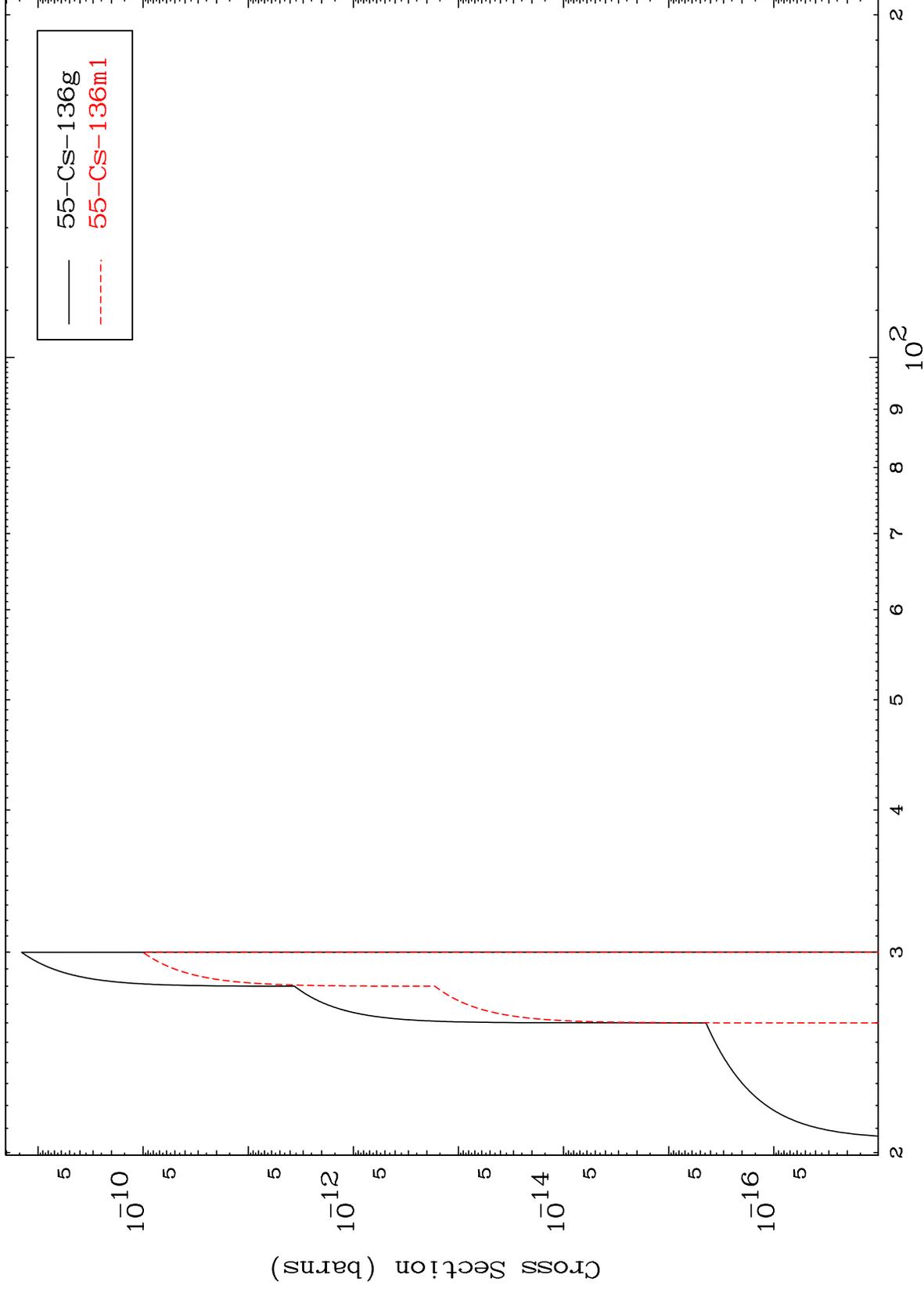
55-Cs-136

MAT 5535

(α, n') He-3

55-Cs-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

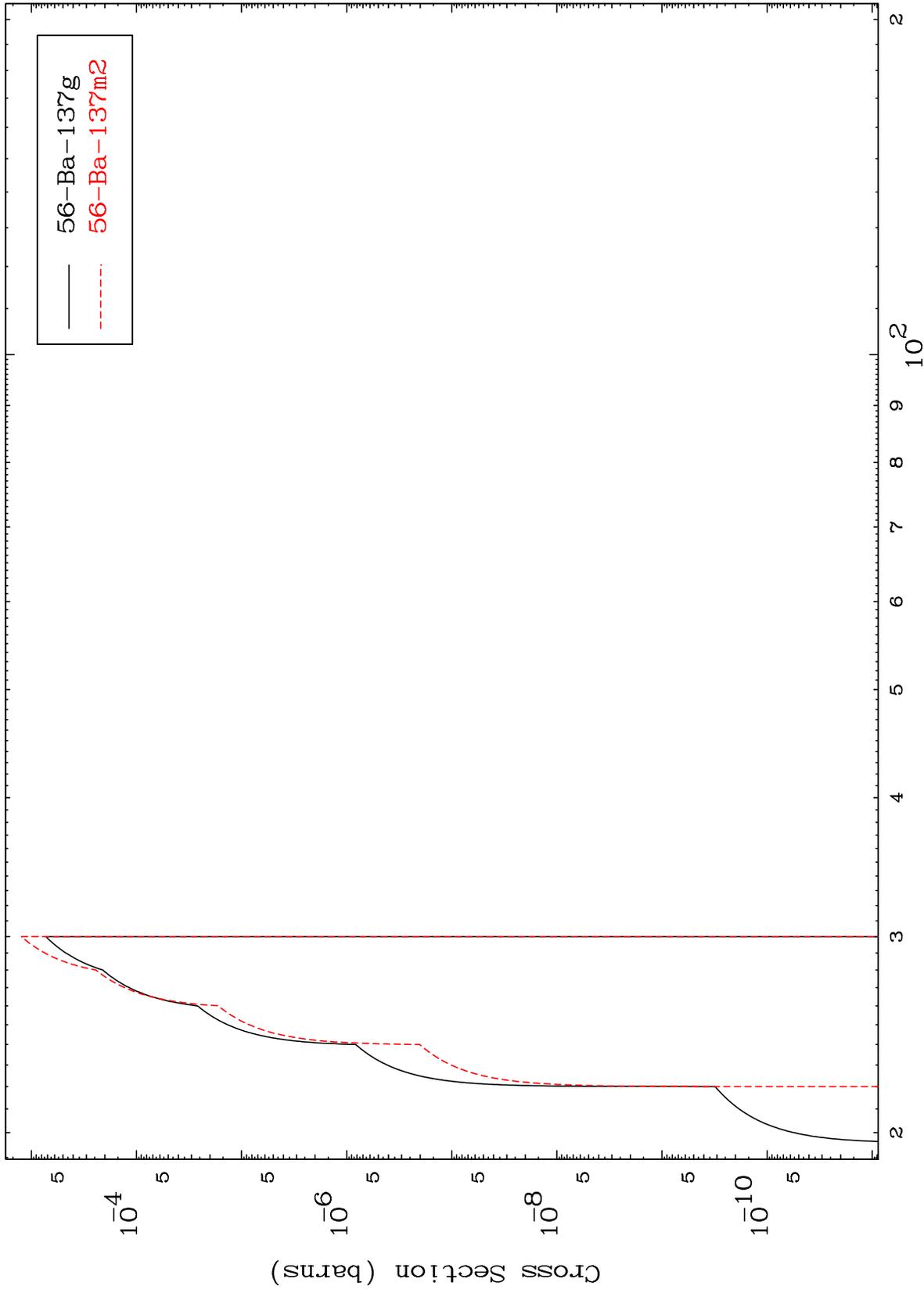
55-Cs-136

MAT 5535

($\alpha, 2n$) p

55-Cs-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

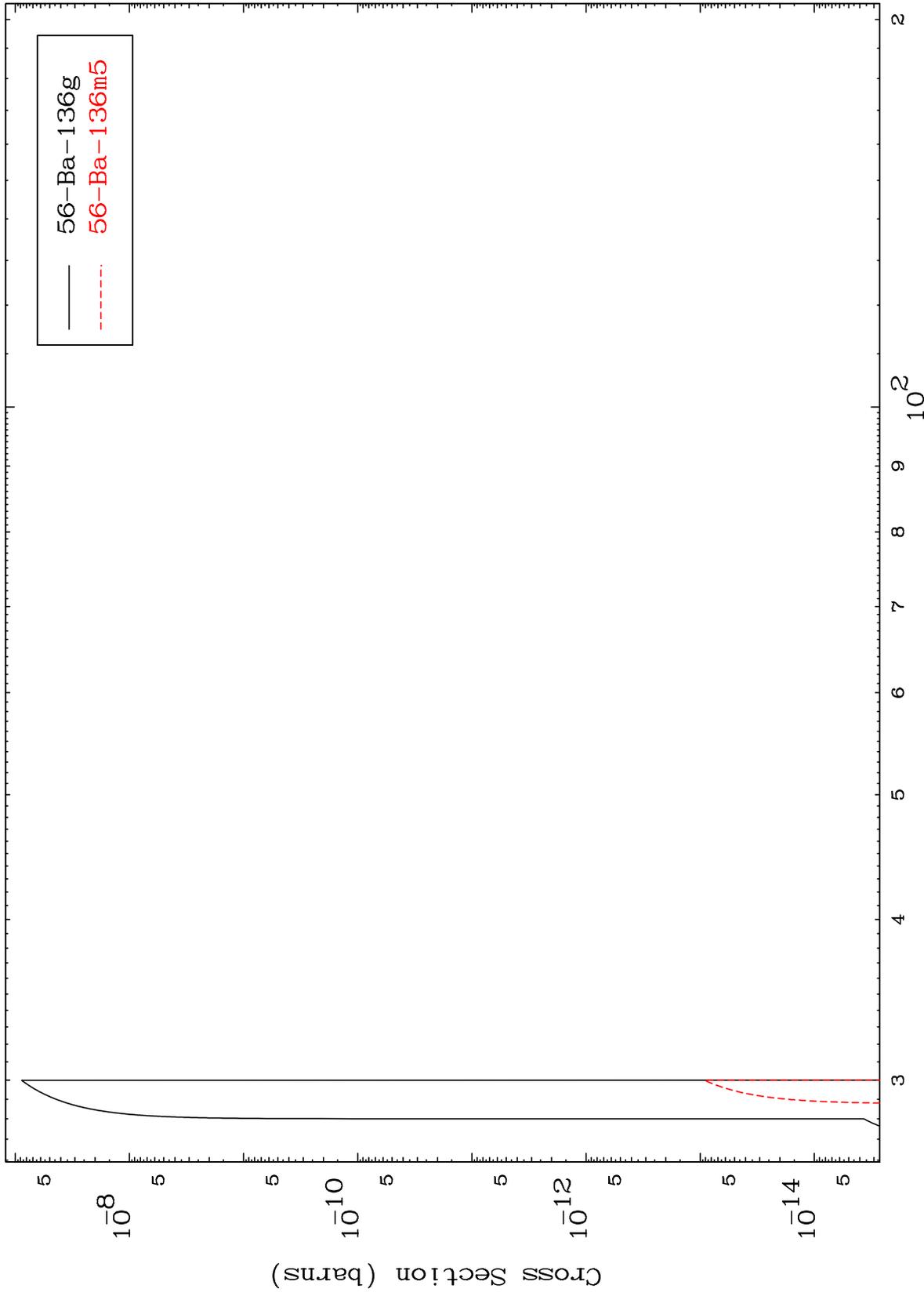
55-Cs-136

MAT 5535

($\alpha, 3n$) p

55-Cs-136

Radionuclide Production Cross Section



18

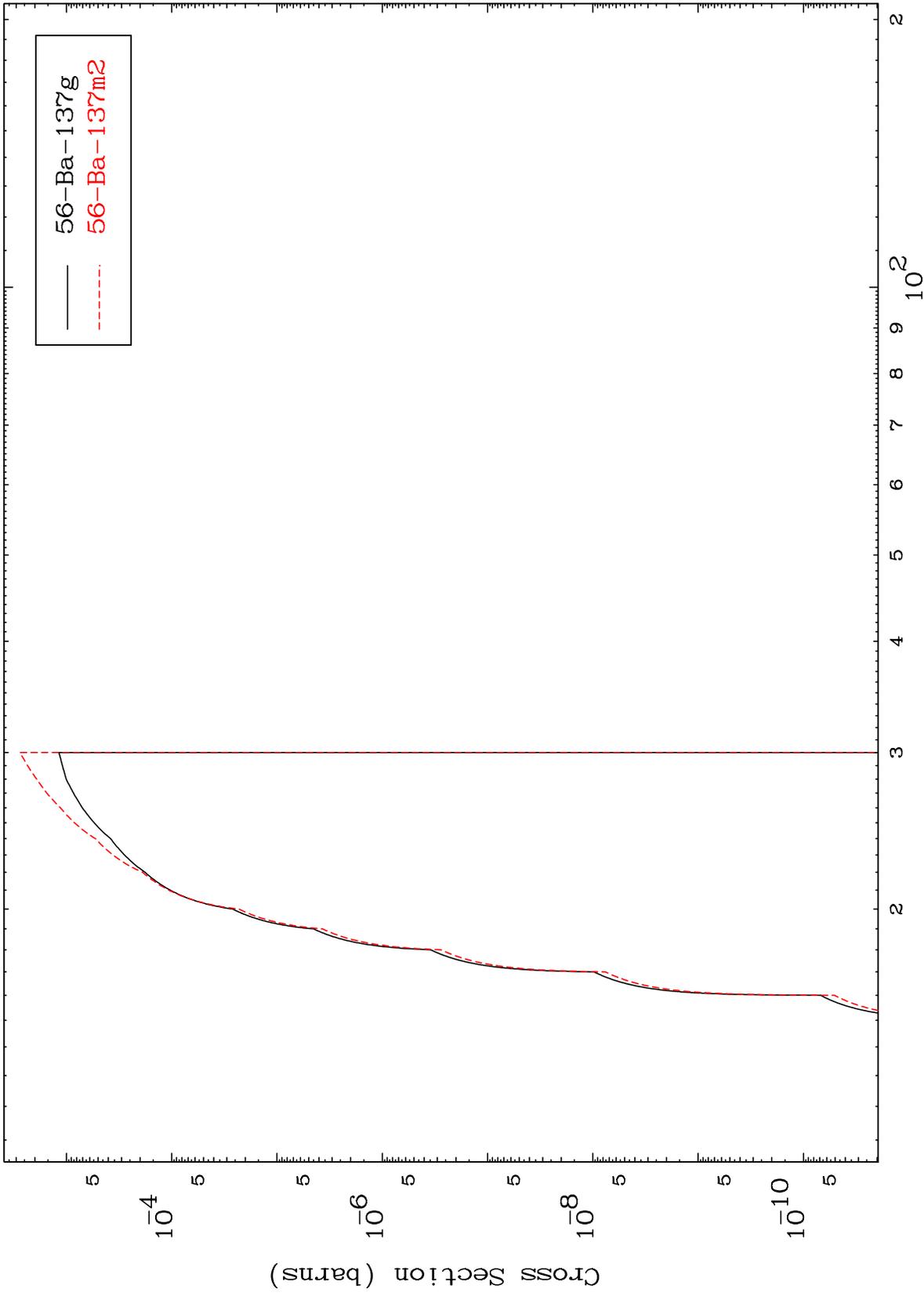
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(α, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

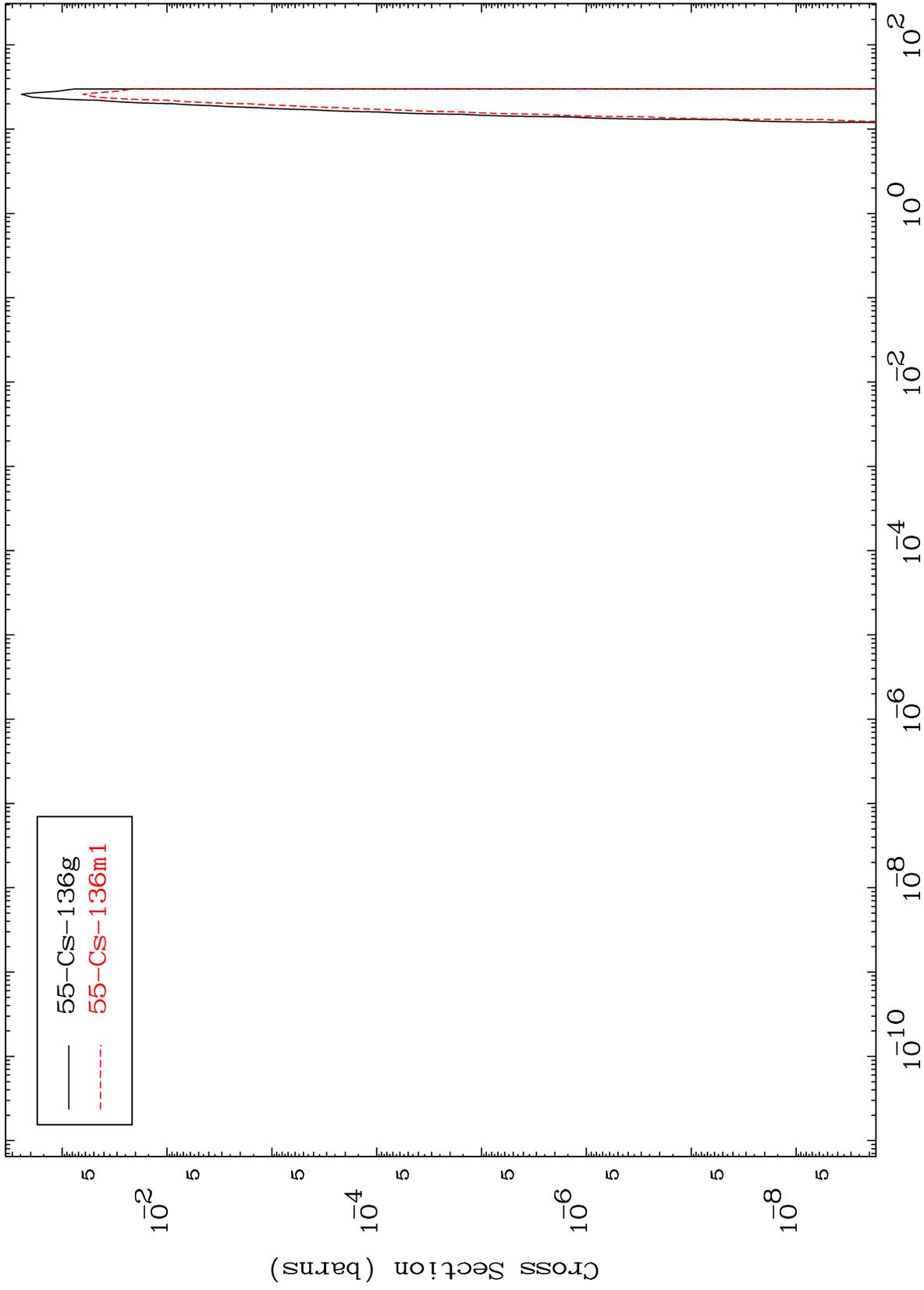
55-Cs-136

MAT 5535

(α, α)

55-Cs-136

Radionuclide Production Cross Section



20

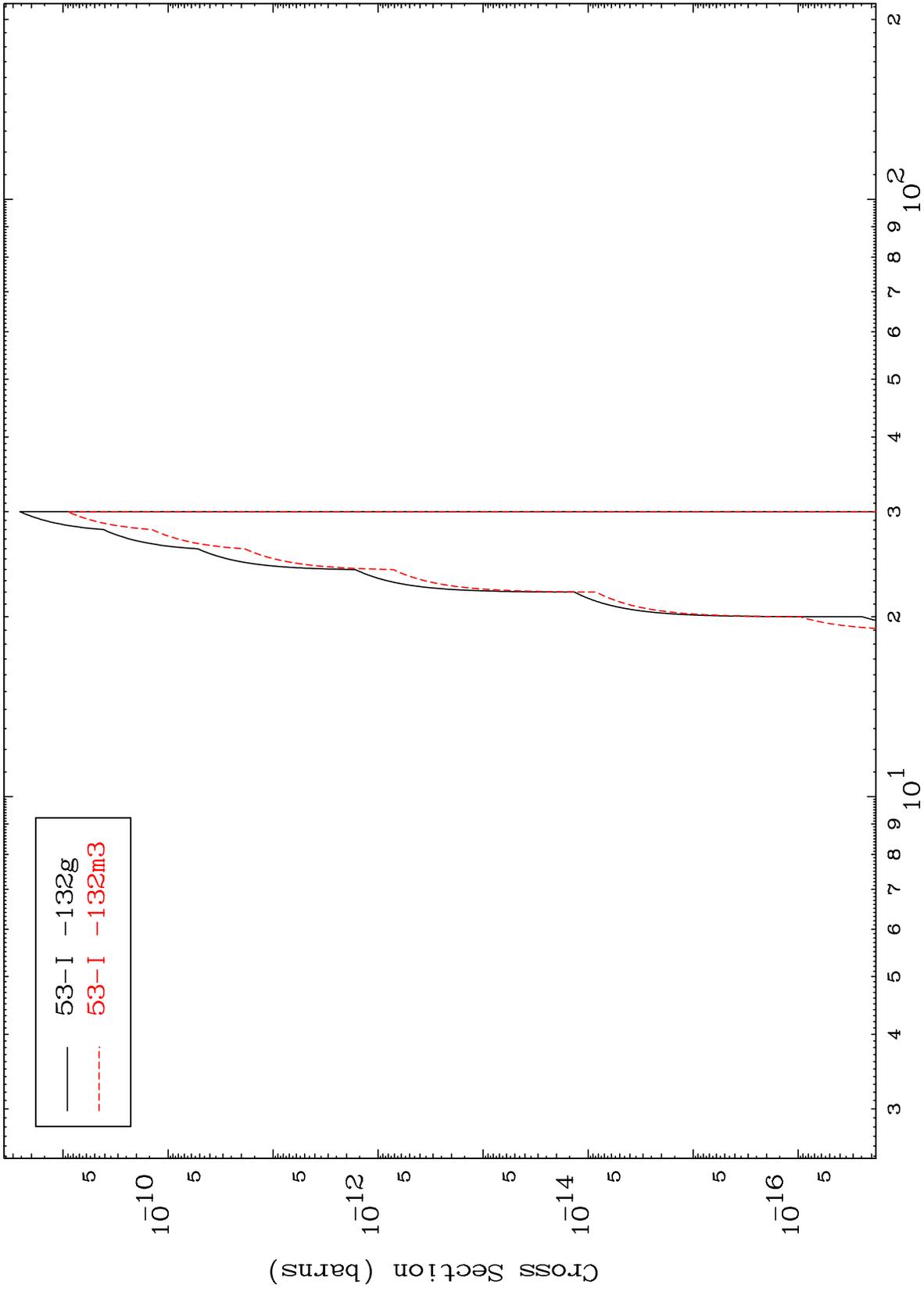
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

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



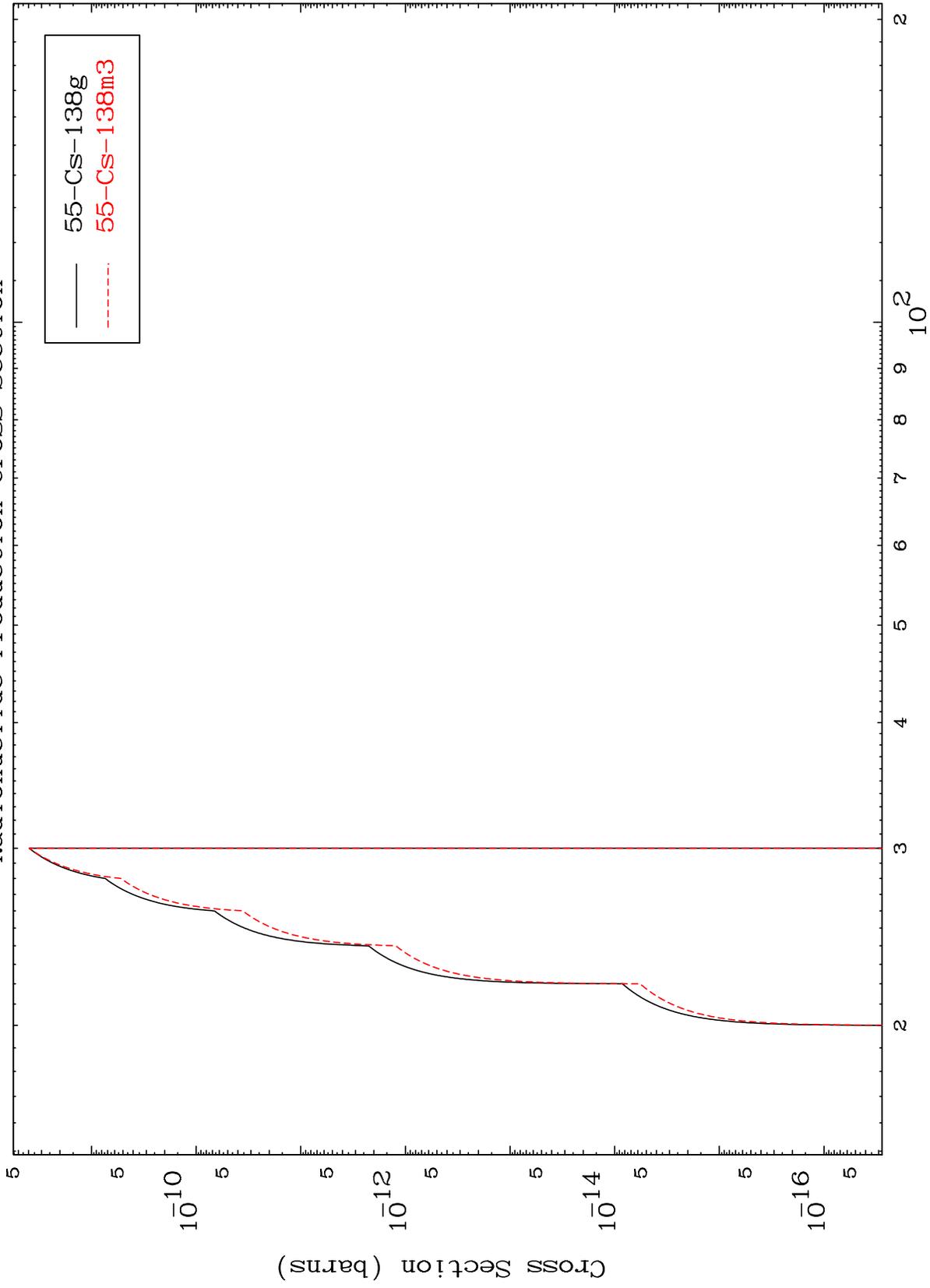
21

55-Cs-136

MAT 5535

55-Cs-136

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



22

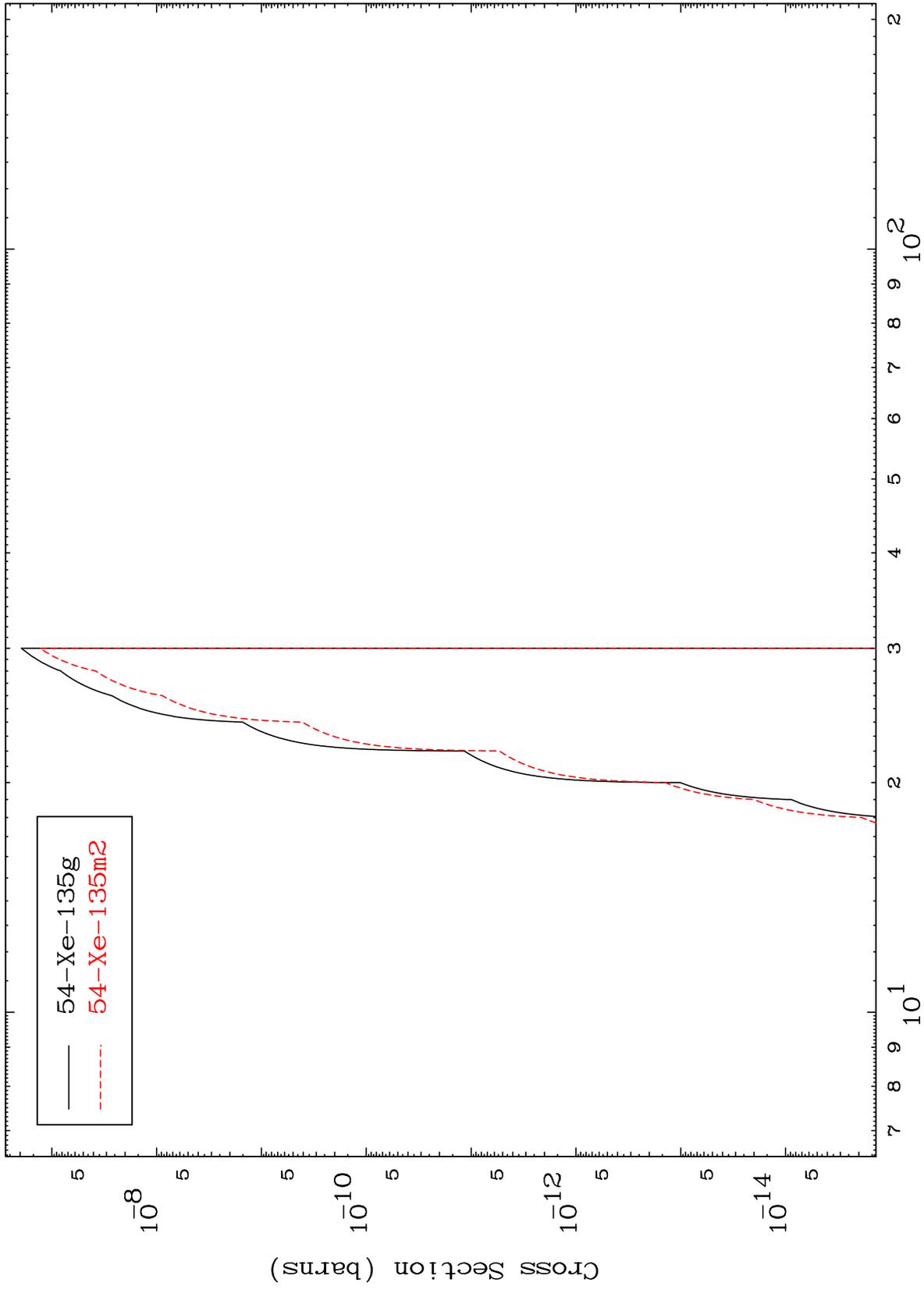
55-Cs-136

MAT 5535

(α, p) α

55-Cs-136

Radionuclide Production Cross Section



23

Incident Energy (MeV)

55-Cs-136