

Program EVALPLOT
(Version 2018-1)

by

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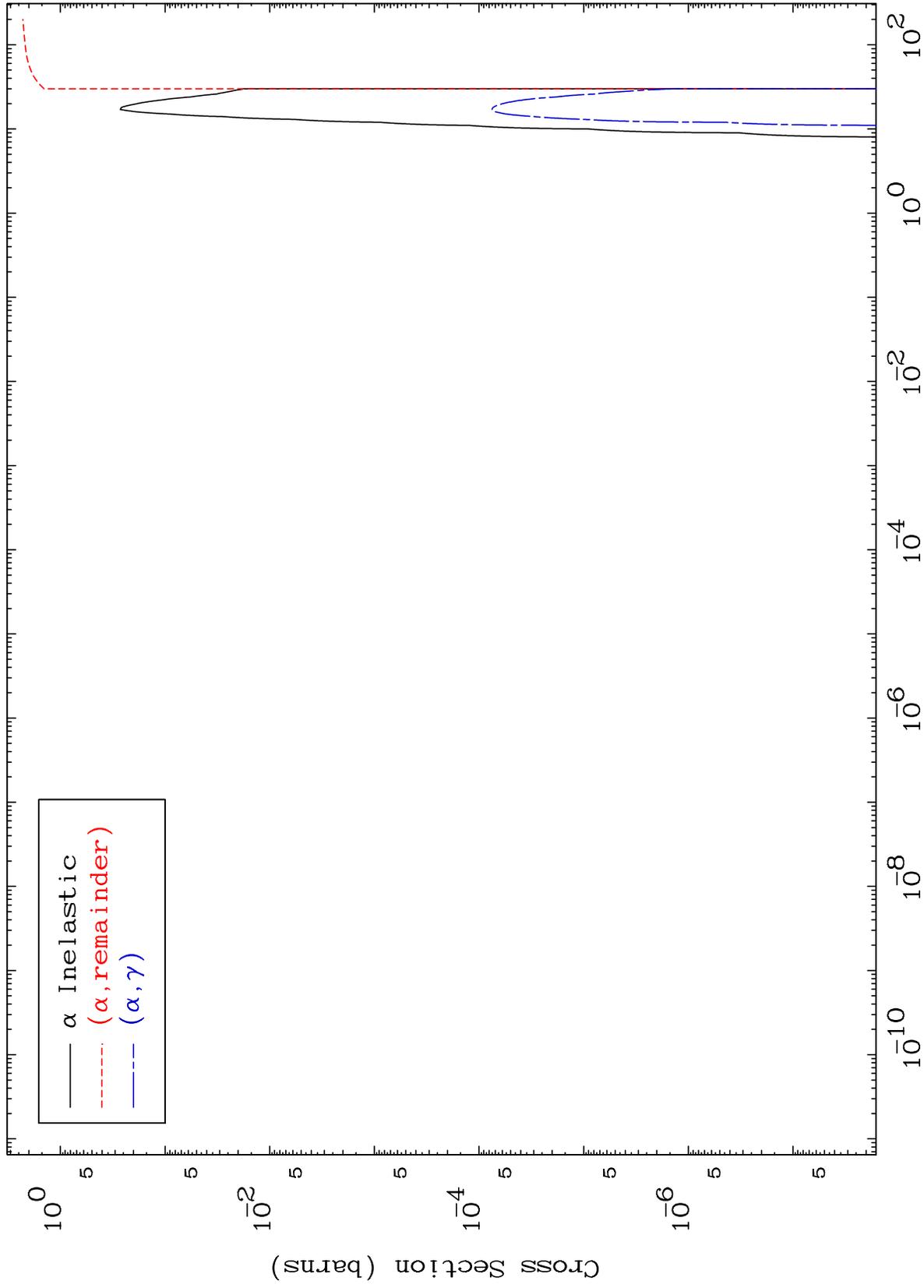
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5441

0 Kelvin α Major

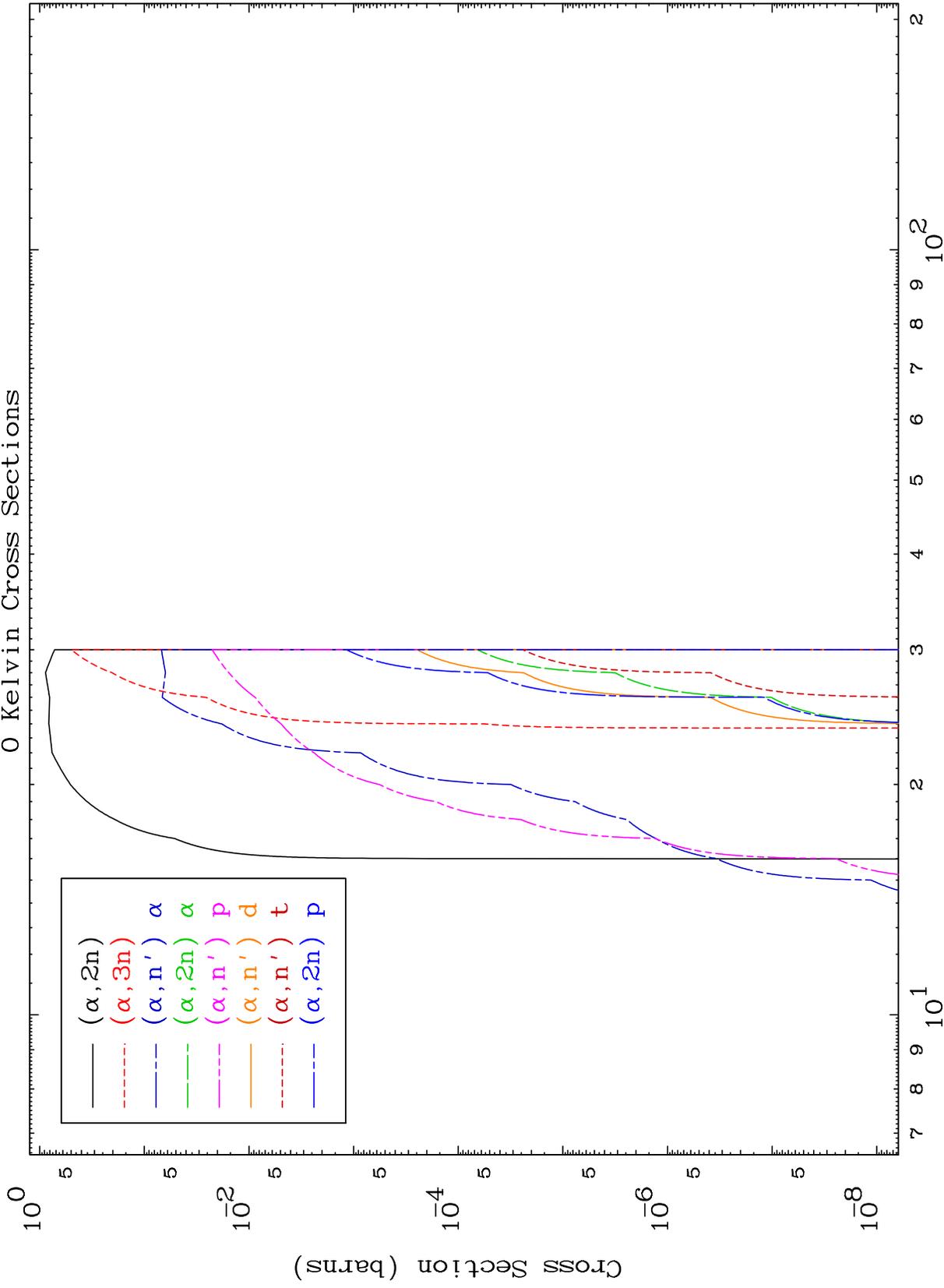
54-Xe-129



MAT 5441

α Neutron Production
0 Kelvin Cross Sections

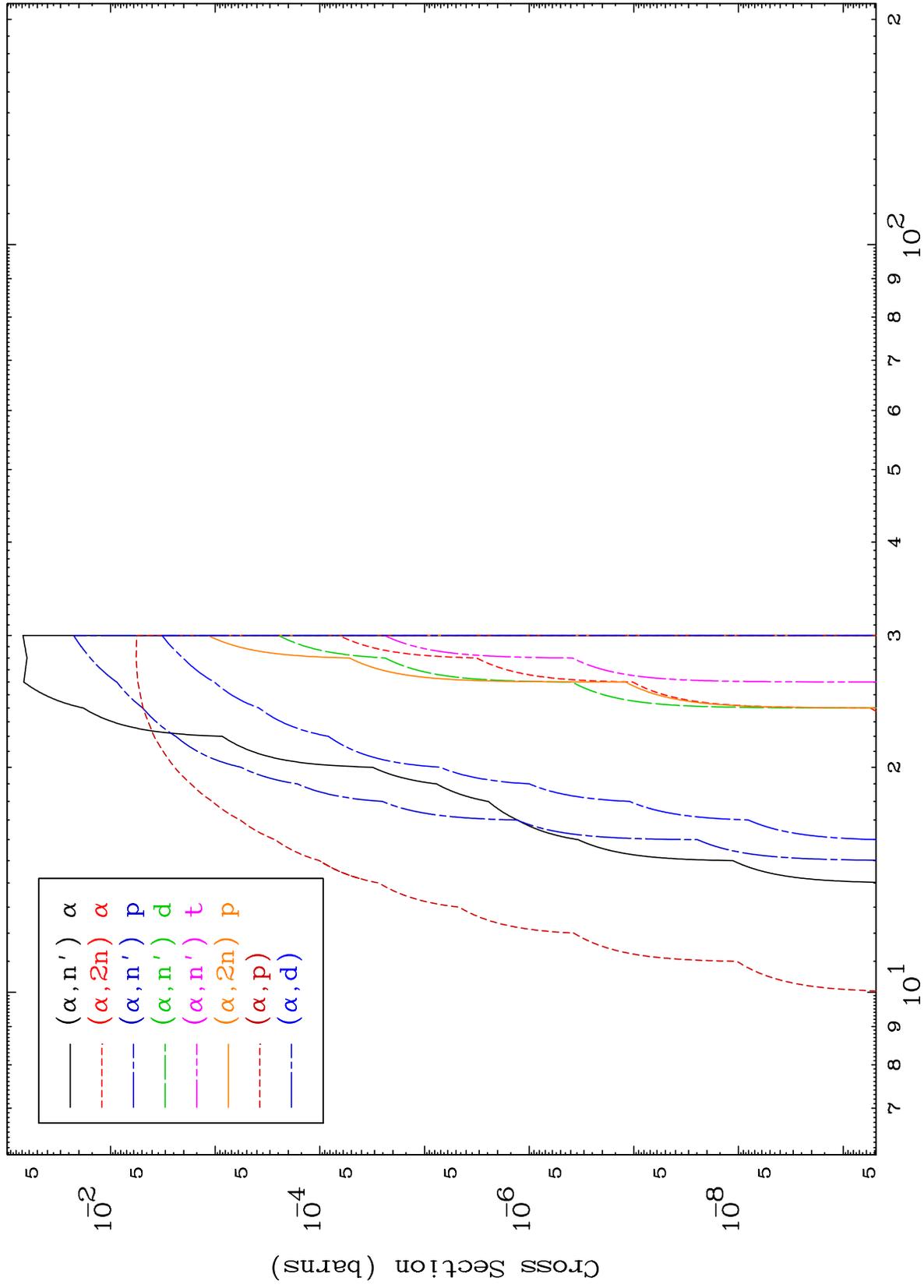
54-Xe-129



2

Incident Energy (MeV)

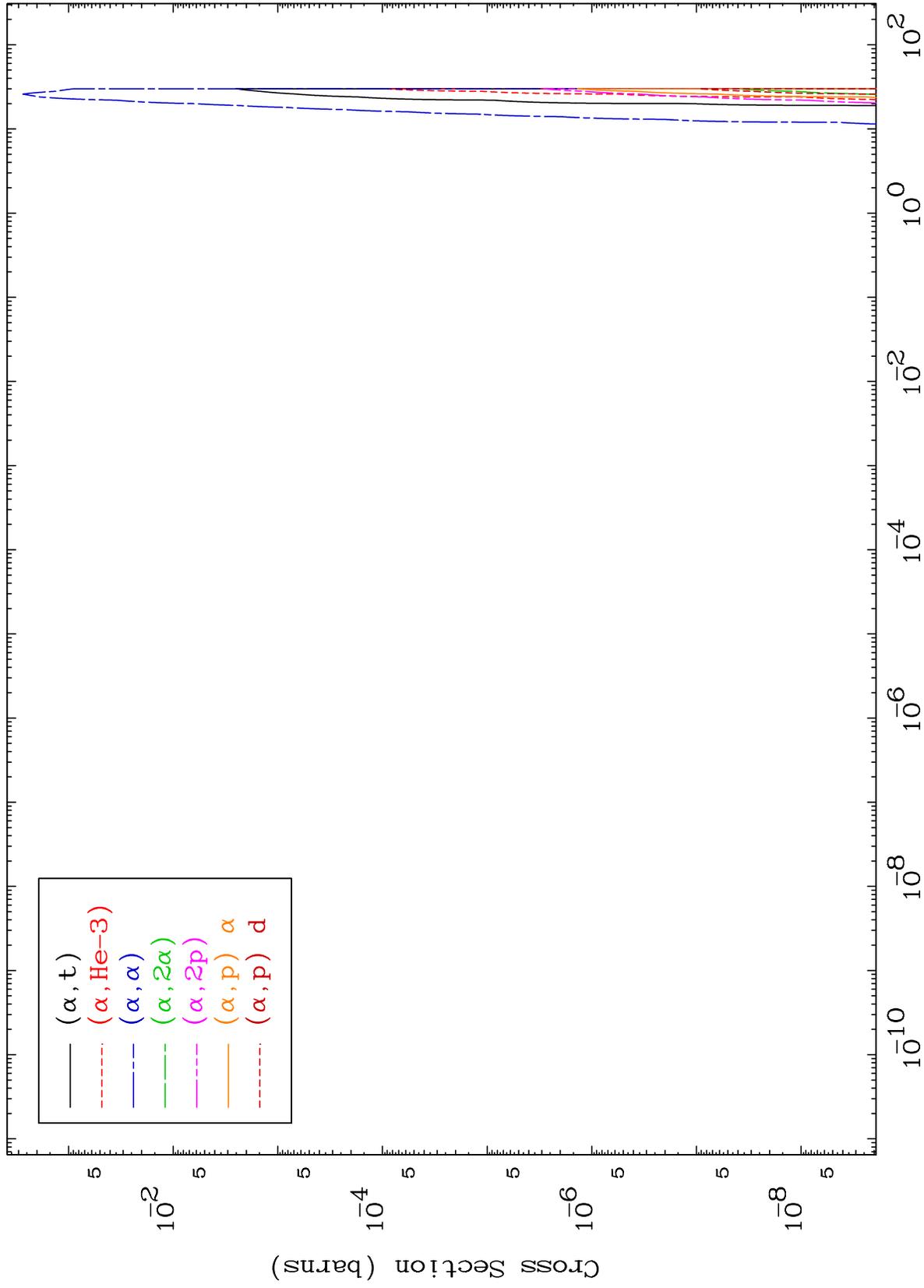
54-Xe-129



MAT 5441

α Charged Particle
0 Kelvin Cross Sections

54-Xe-129

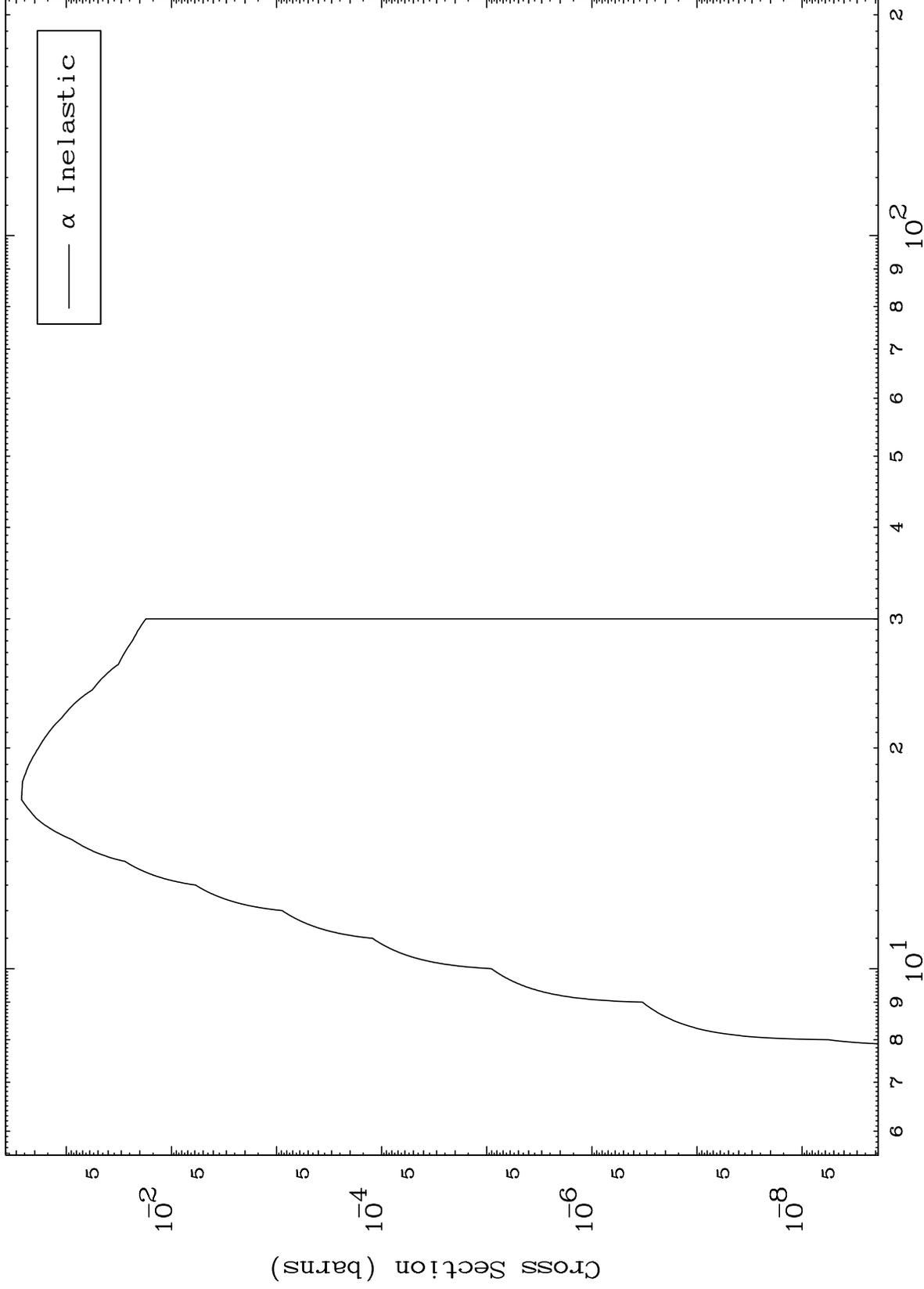


54-Xe-129

MAT 5441

(α, n') Level
0 Kelvin Cross Sections

54-Xe-129



5

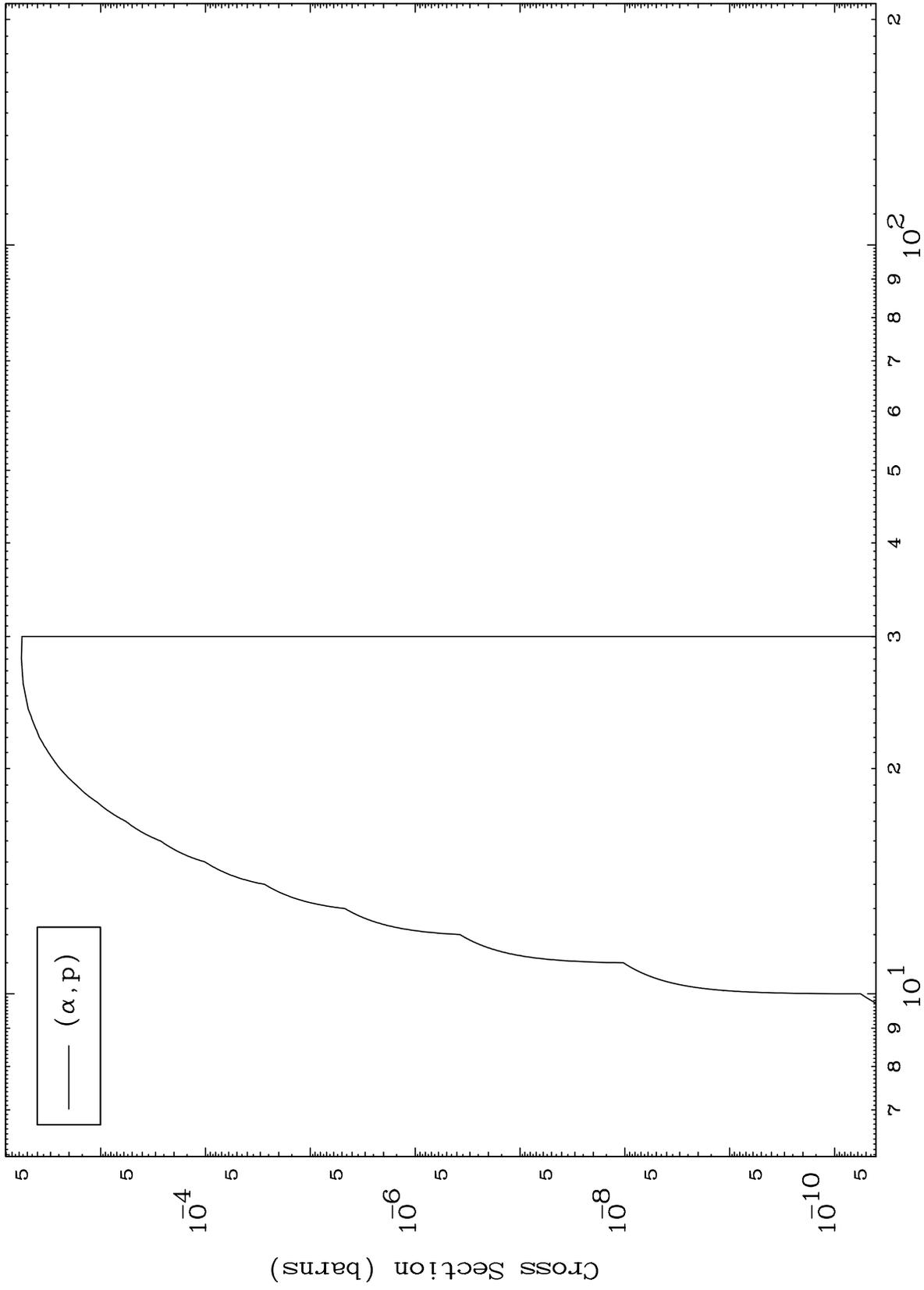
Incident Energy (MeV)

54-Xe-129

MAT 5441

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-129



6

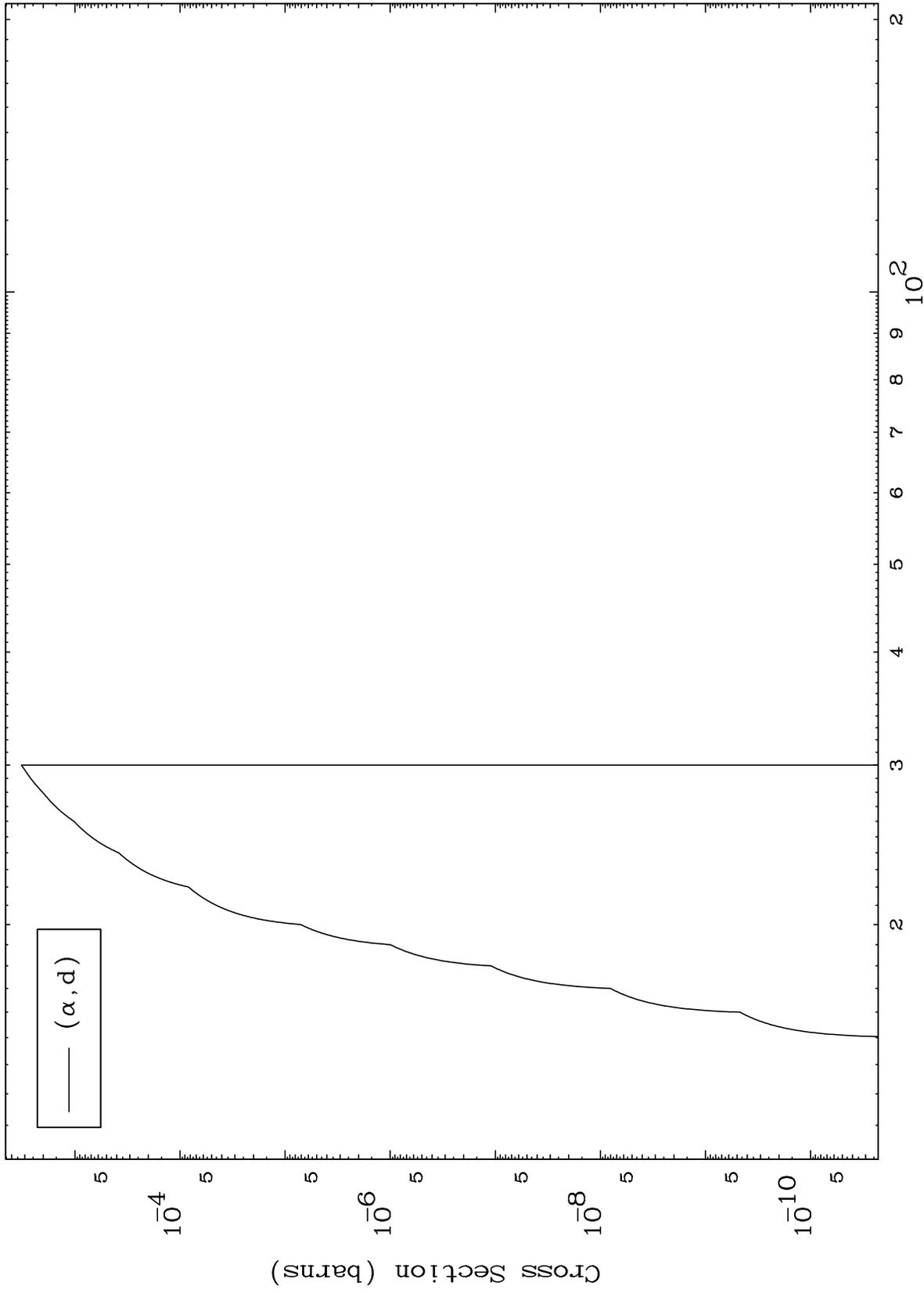
Incident Energy (MeV)

54-Xe-129

MAT 5441

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-129



7

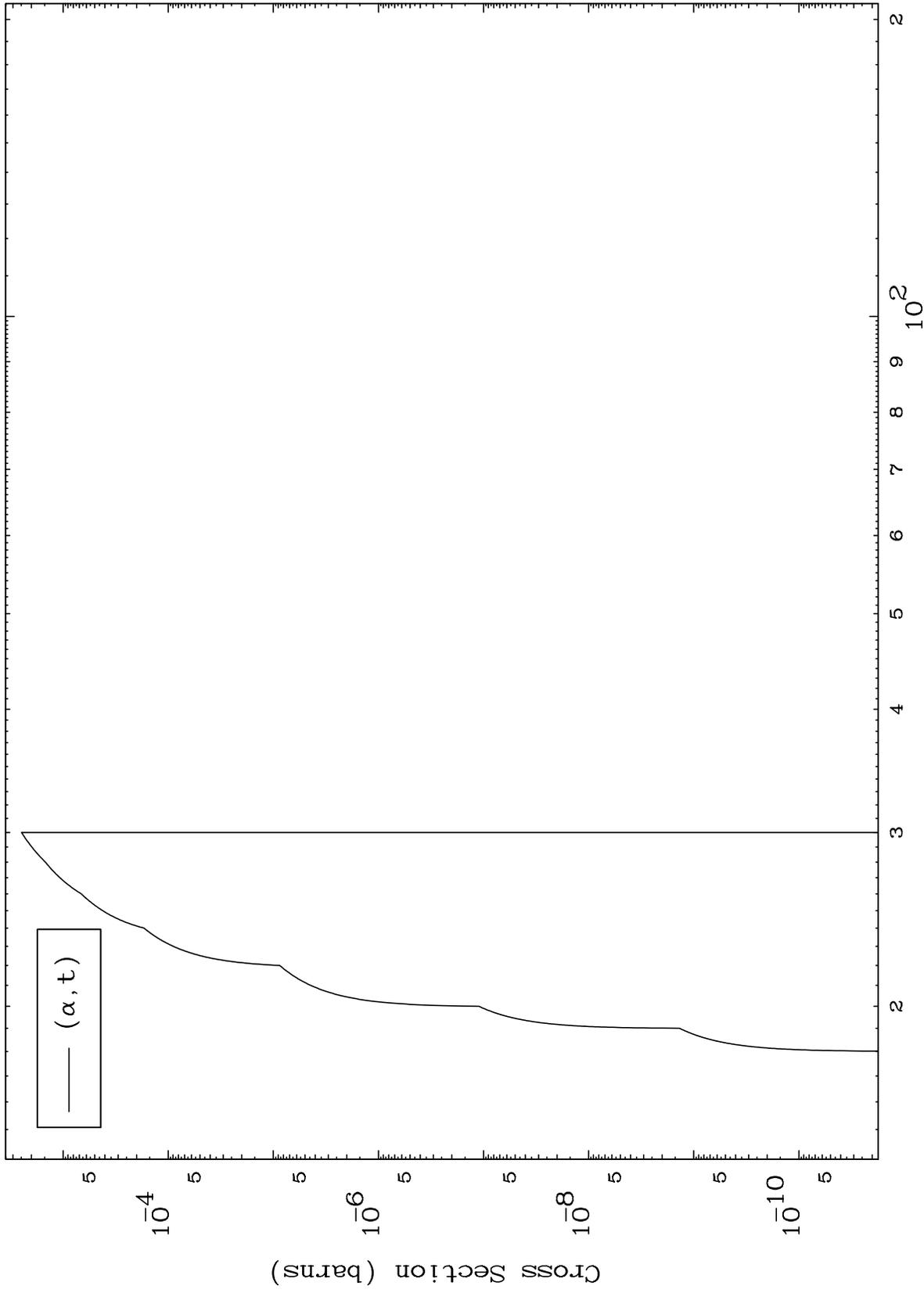
Incident Energy (MeV)

54-Xe-129

MAT 5441

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-129



8

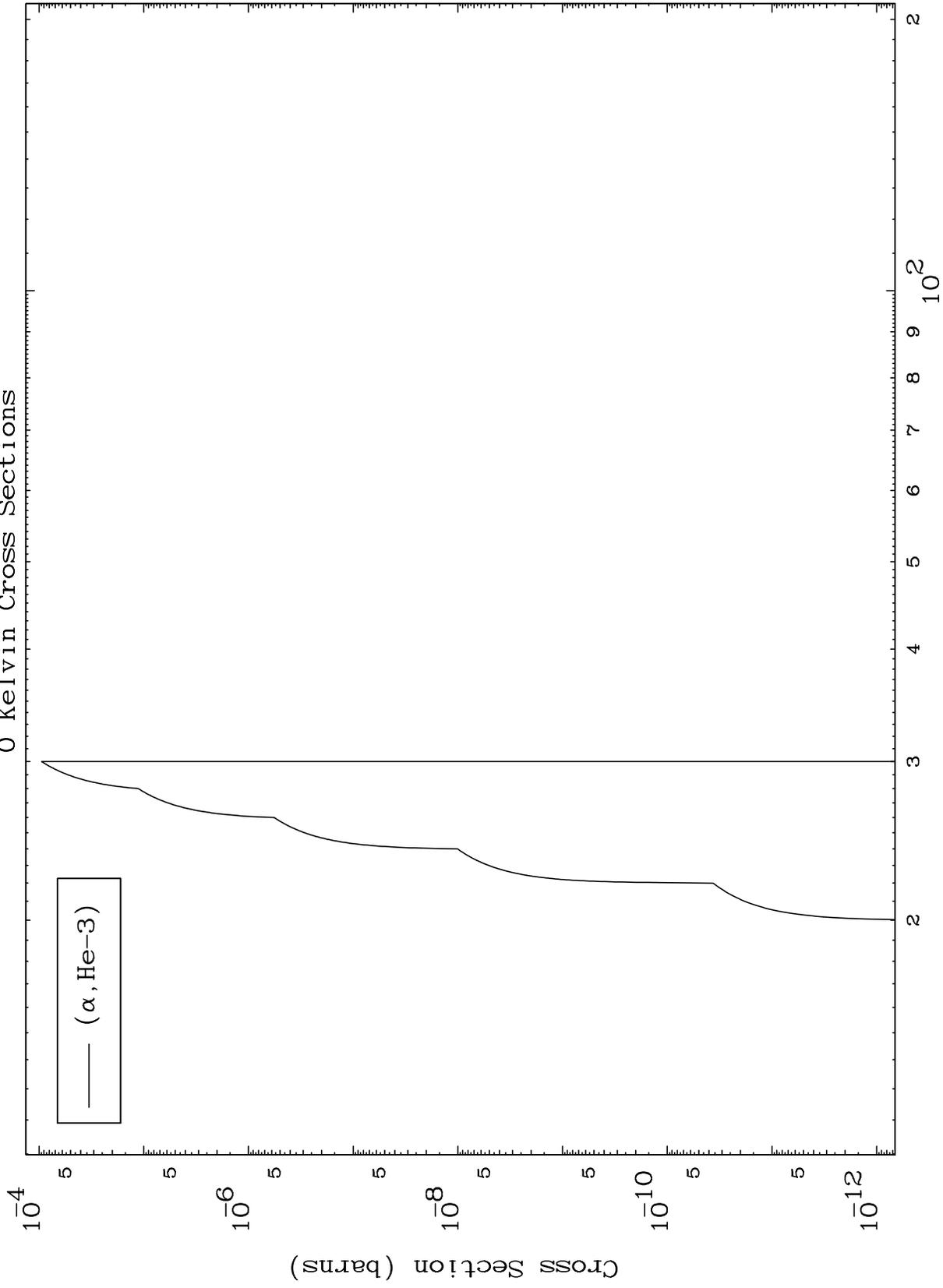
Incident Energy (MeV)

54-Xe-129

MAT 5441

(α ,He3) Levels
0 Kelvin Cross Sections

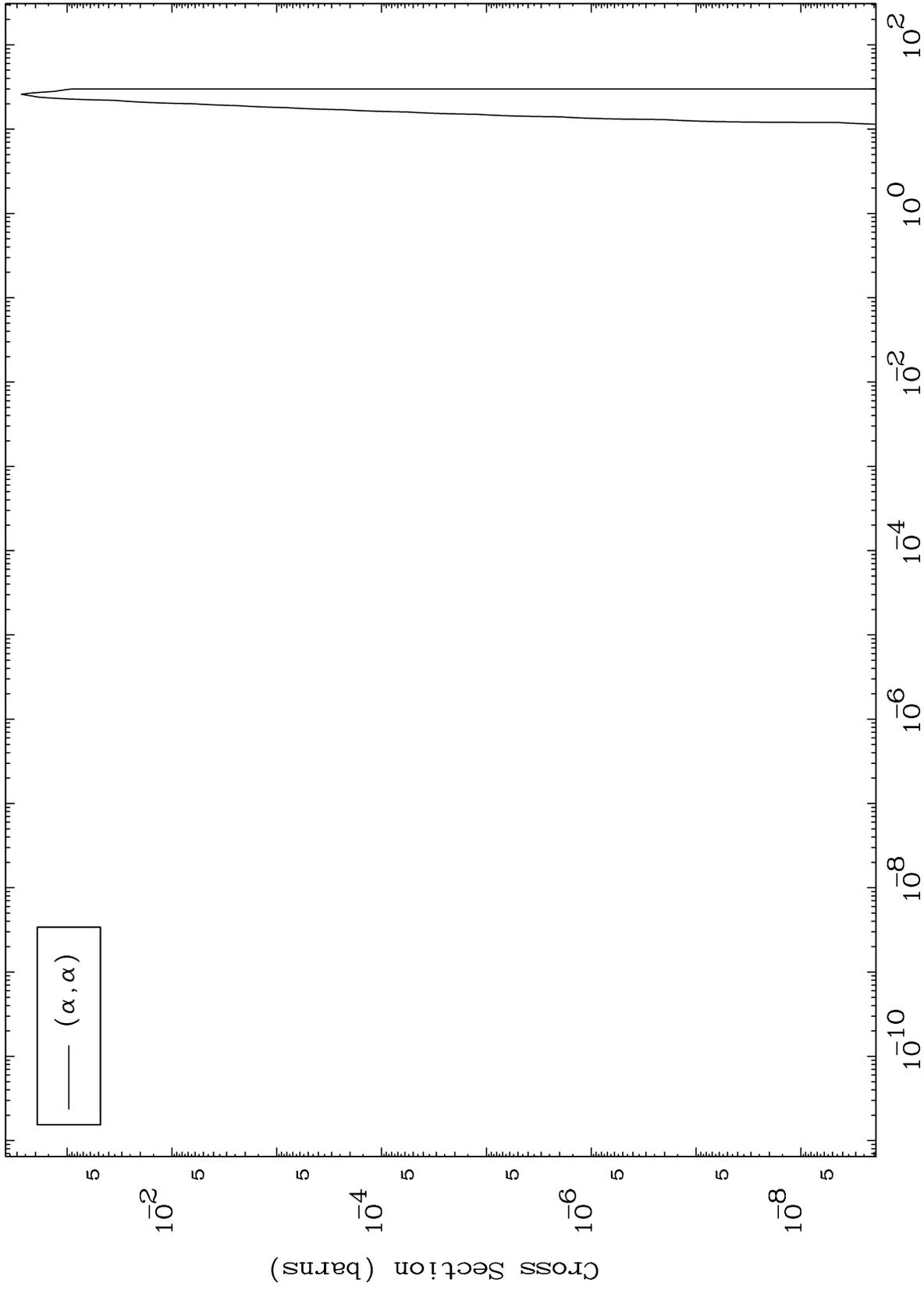
54-Xe-129



MAT 5441

(α, α) Levels
0 Kelvin Cross Sections

54-Xe-129



10

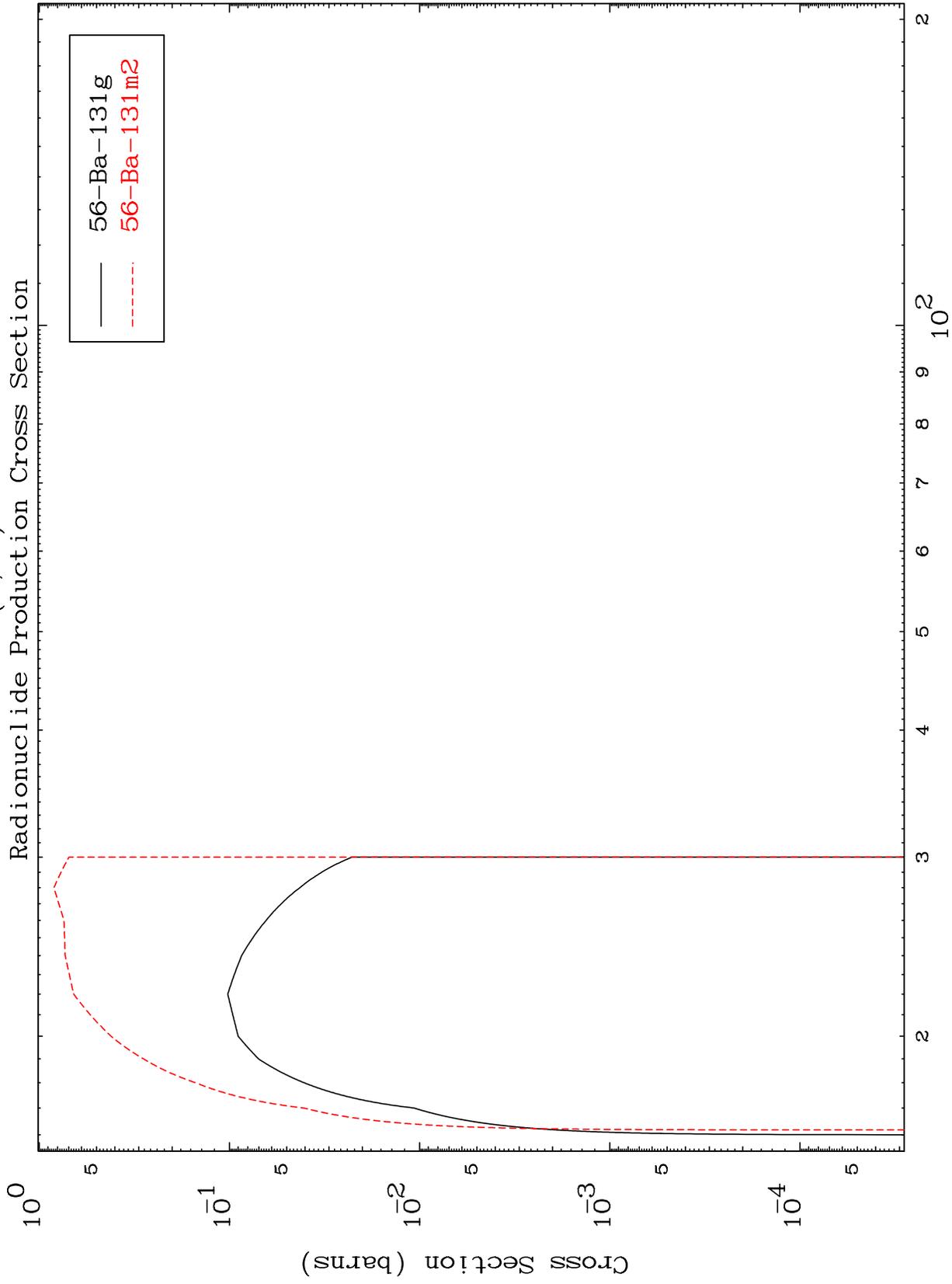
Incident Energy (MeV)

54-Xe-129

MAT 5441

54-Xe-129

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



— 56-Ba-131g
- - - 56-Ba-131m2

11

Incident Energy (MeV)

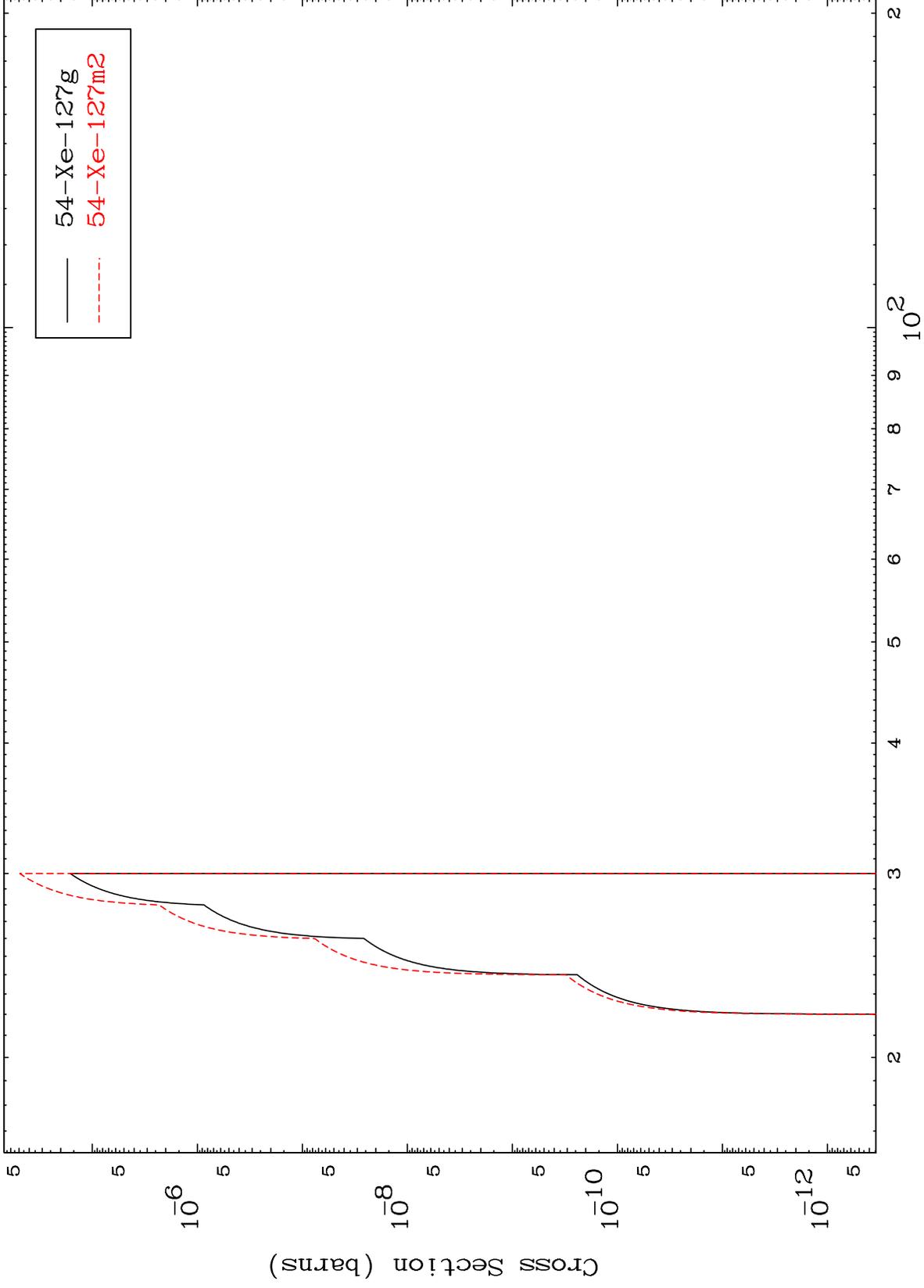
54-Xe-129

MAT 5441

$(\alpha, 2n) \alpha$

54-Xe-129

Radionuclide Production Cross Section



12

Incident Energy (MeV)

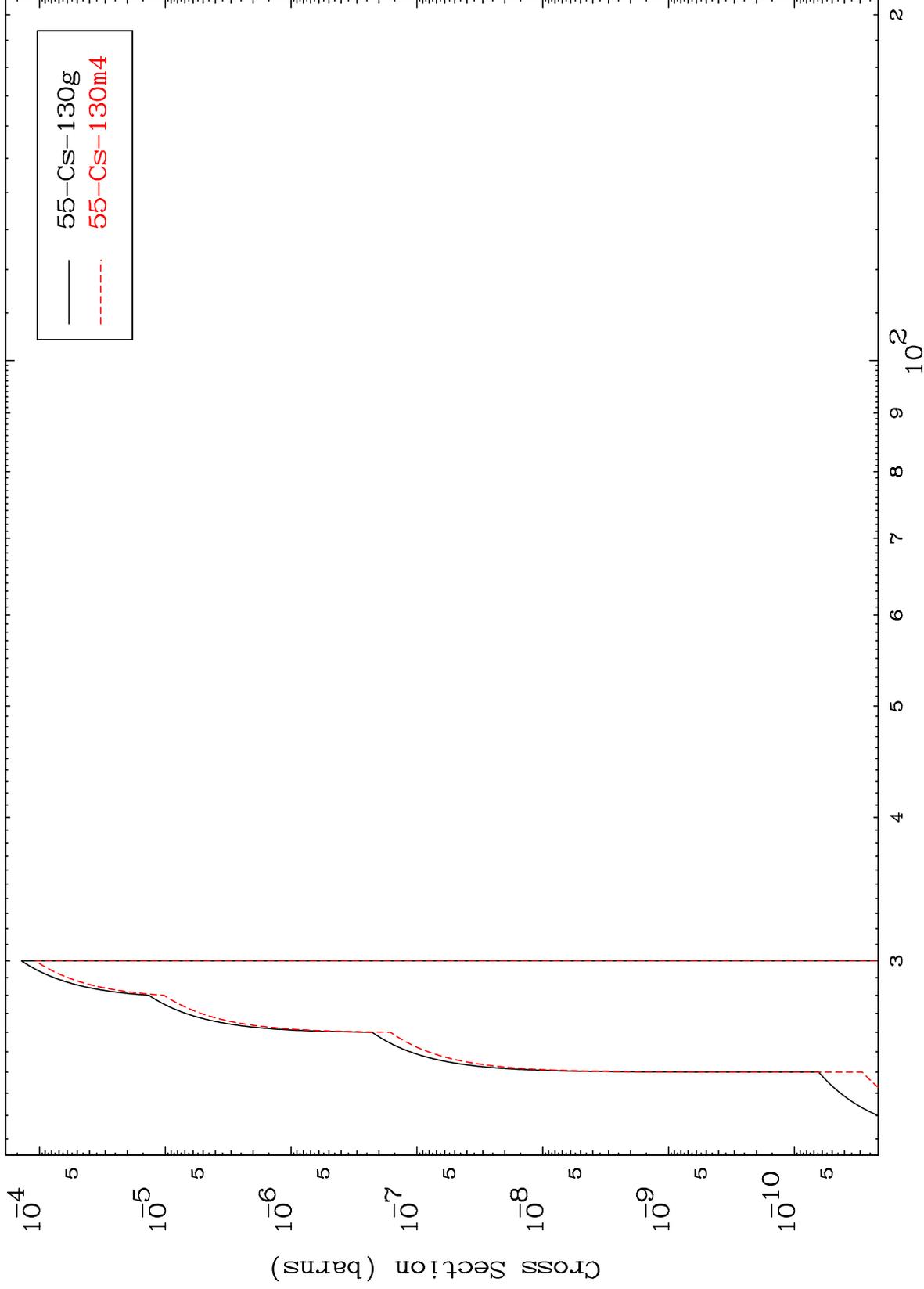
54-Xe-129

MAT 5441

(α, n') d

54-Xe-129

Radionuclide Production Cross Section



13

Incident Energy (MeV)

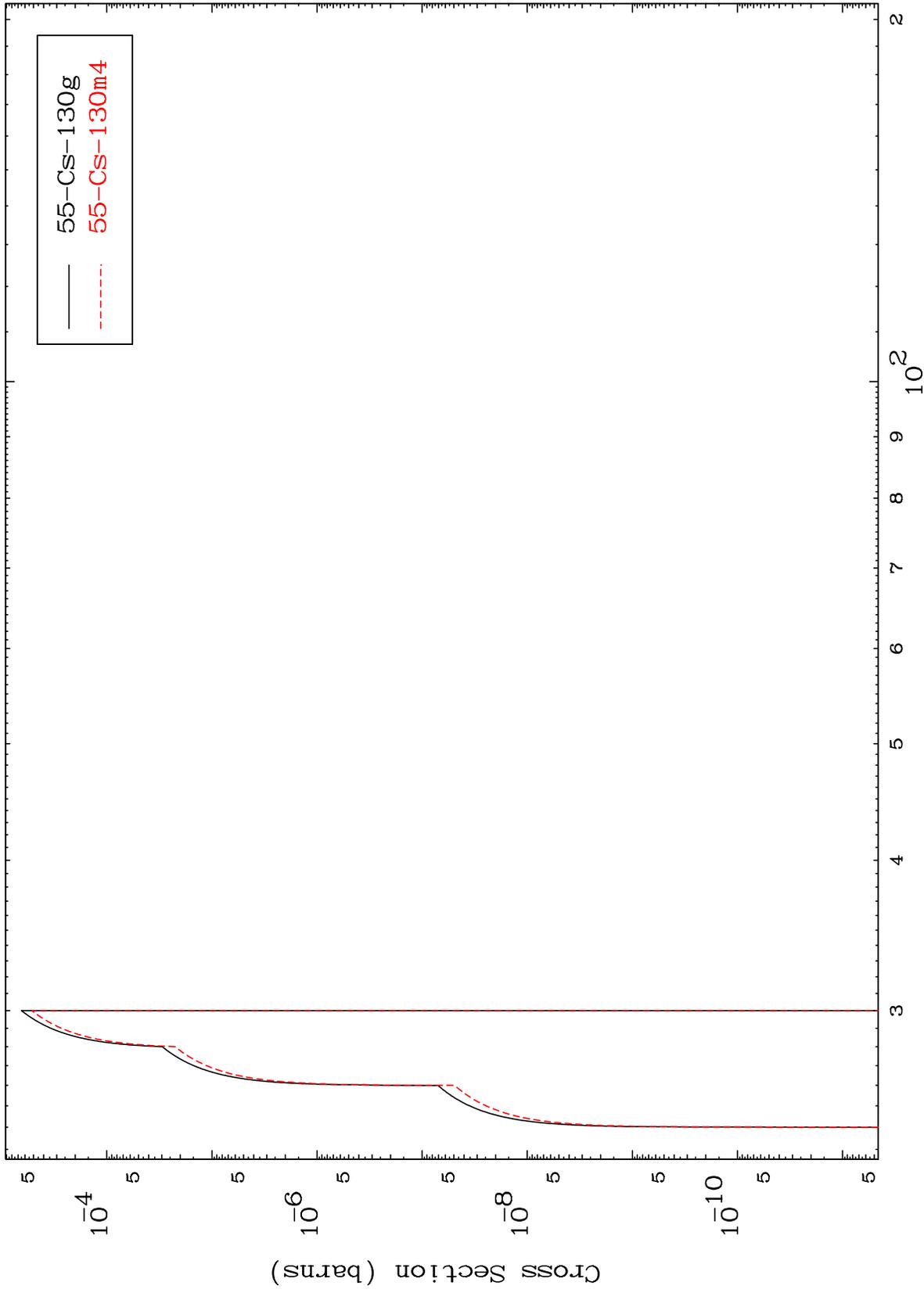
54-Xe-129

MAT 5441

($\alpha, 2n$) p

54-Xe-129

Radionuclide Production Cross Section



14

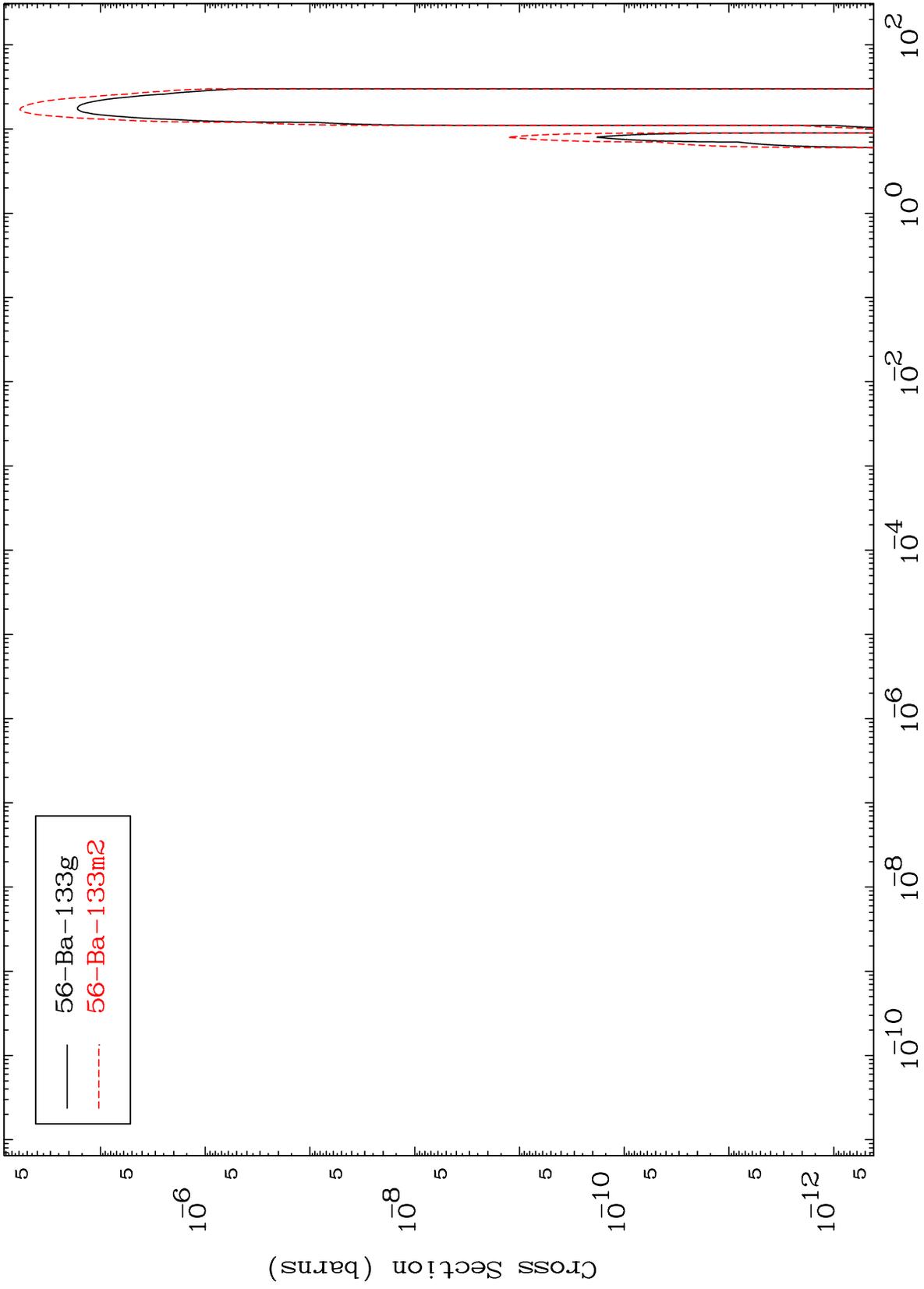
Incident Energy (MeV)

54-Xe-129

MAT 5441

(α, γ)
Radionuclide Production Cross Section

54-Xe-129



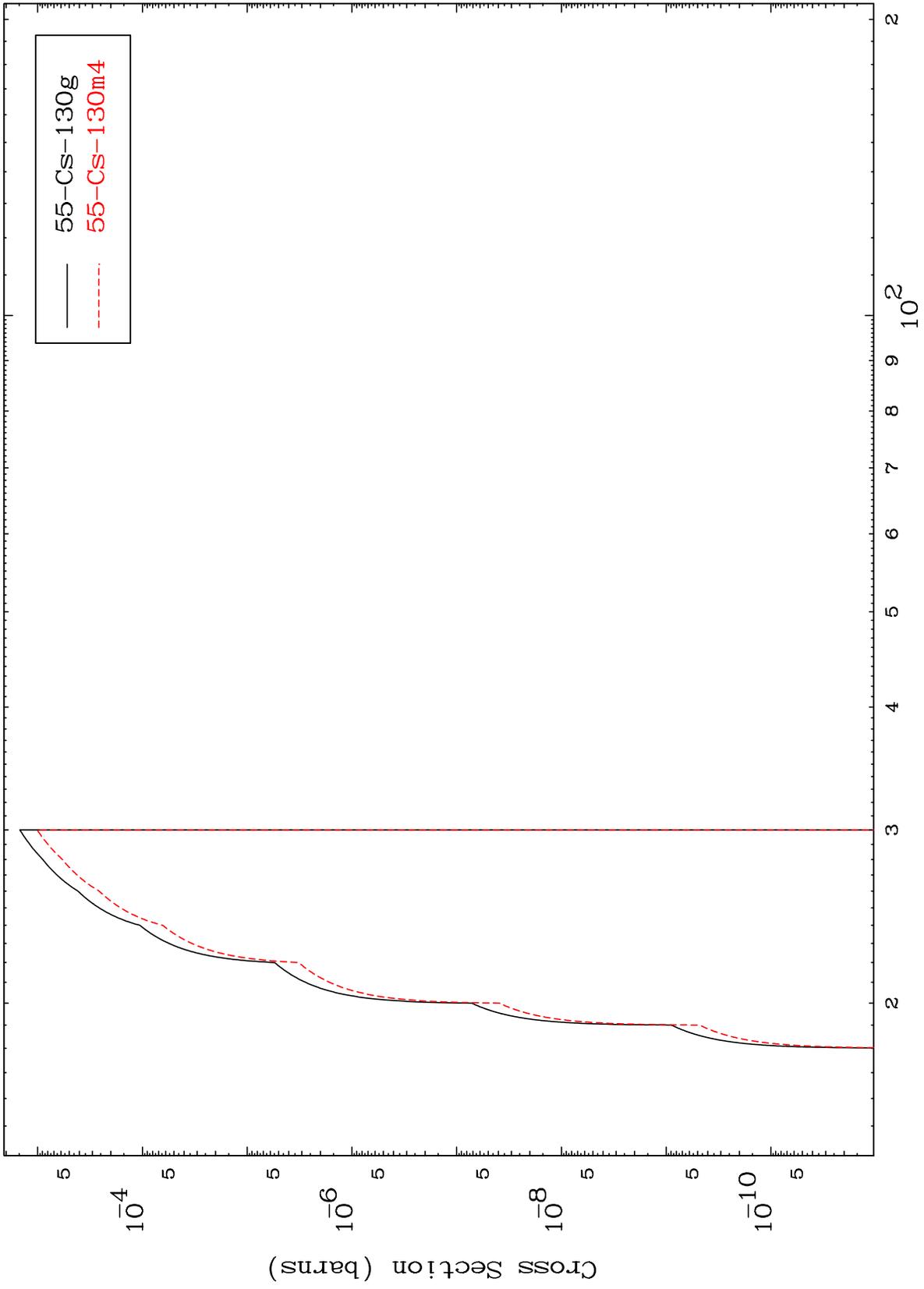
15

54-Xe-129

MAT 5441

54-Xe-129

(α, t)
Radionuclide Production Cross Section



16

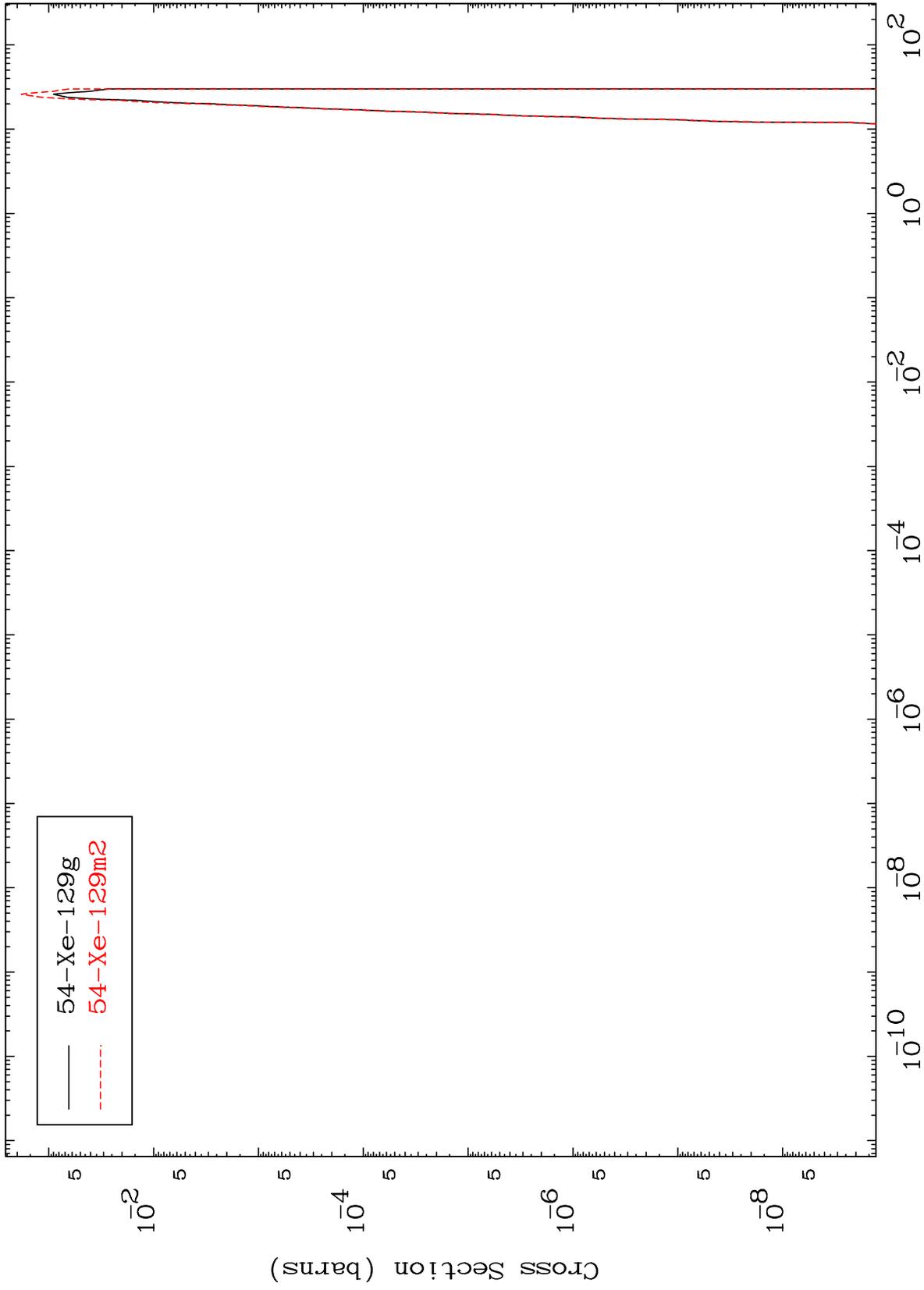
54-Xe-129

MAT 5441

(α, α)

54-Xe-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

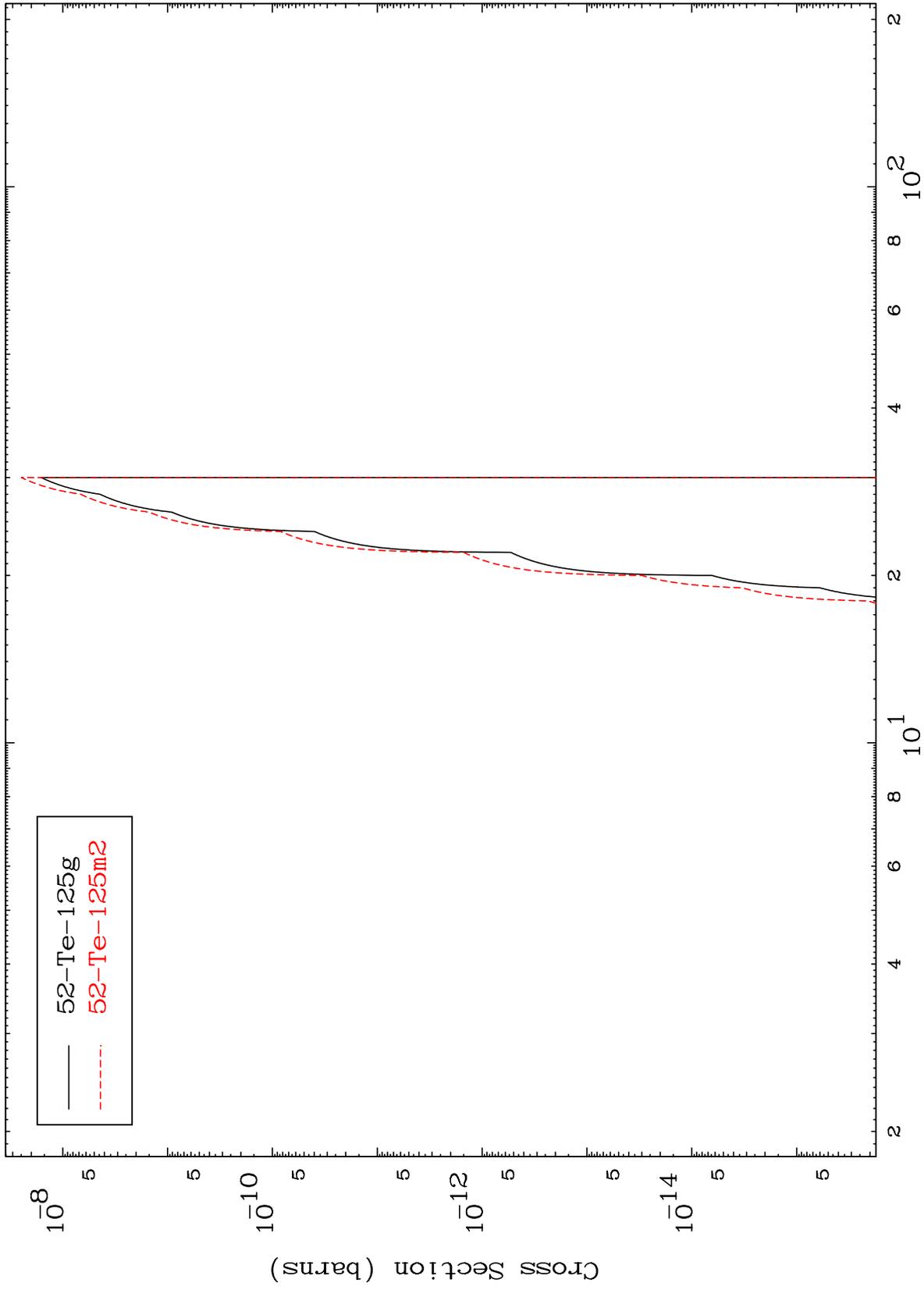
54-Xe-129

MAT 5441

($\alpha, 2\alpha$)

54-Xe-129

Radionuclide Production Cross Section



18

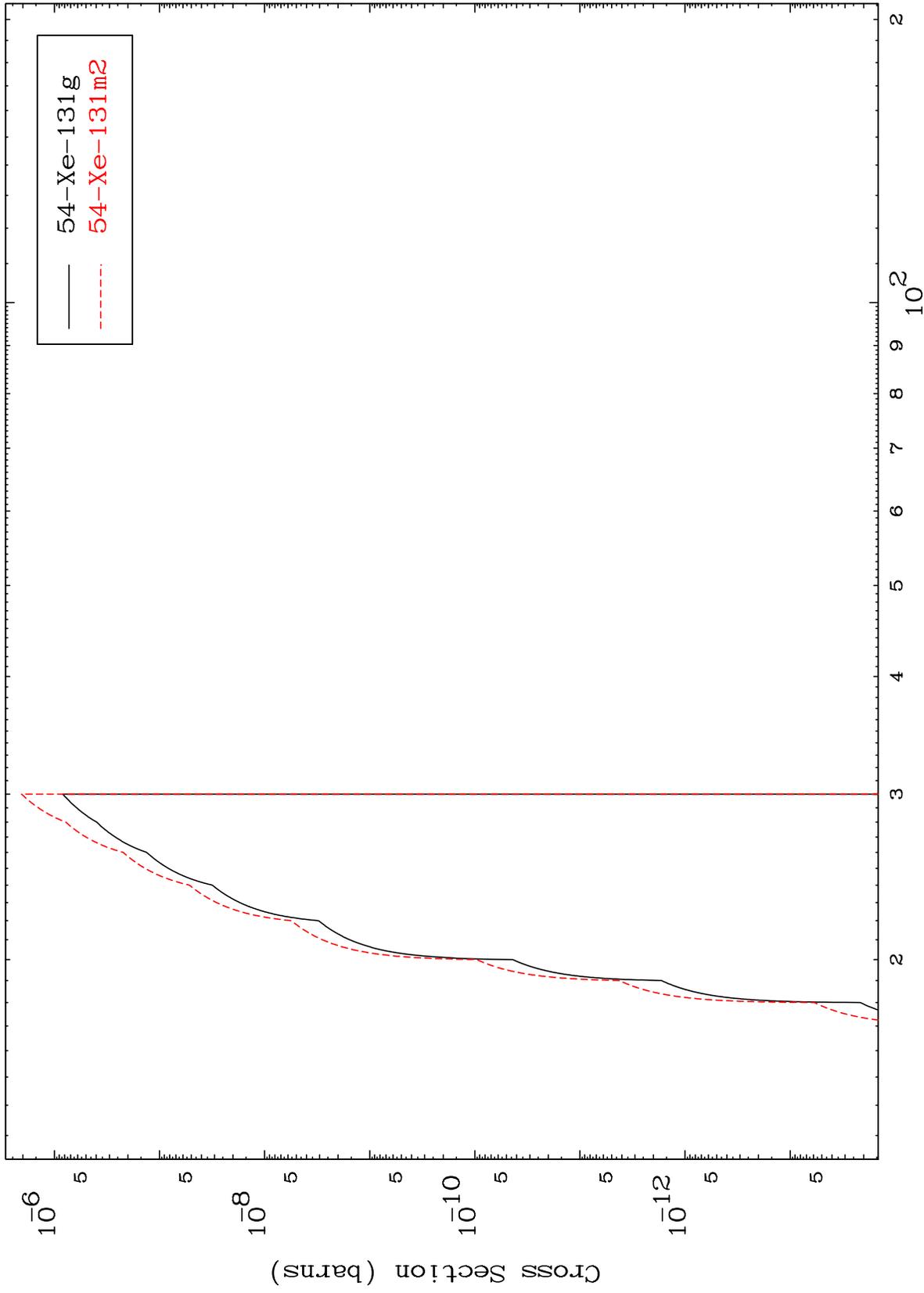
Incident Energy (MeV)

54-Xe-129

MAT 5441

54-Xe-129

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



19

Incident Energy (MeV)

54-Xe-129