

Program EVALPLOT
(Version 2018-1)

by

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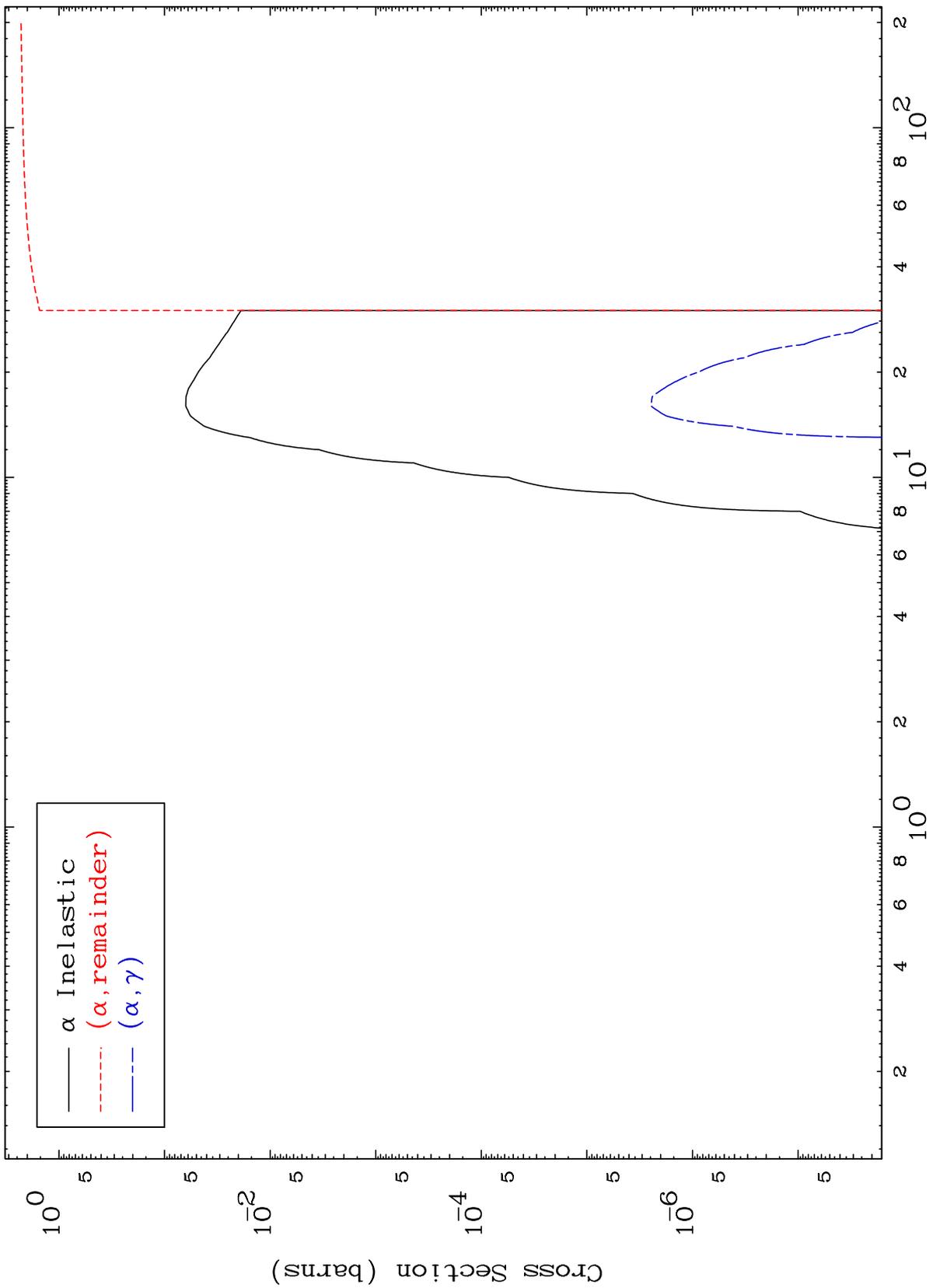
Press Mouse Button to Start

MAT 5150

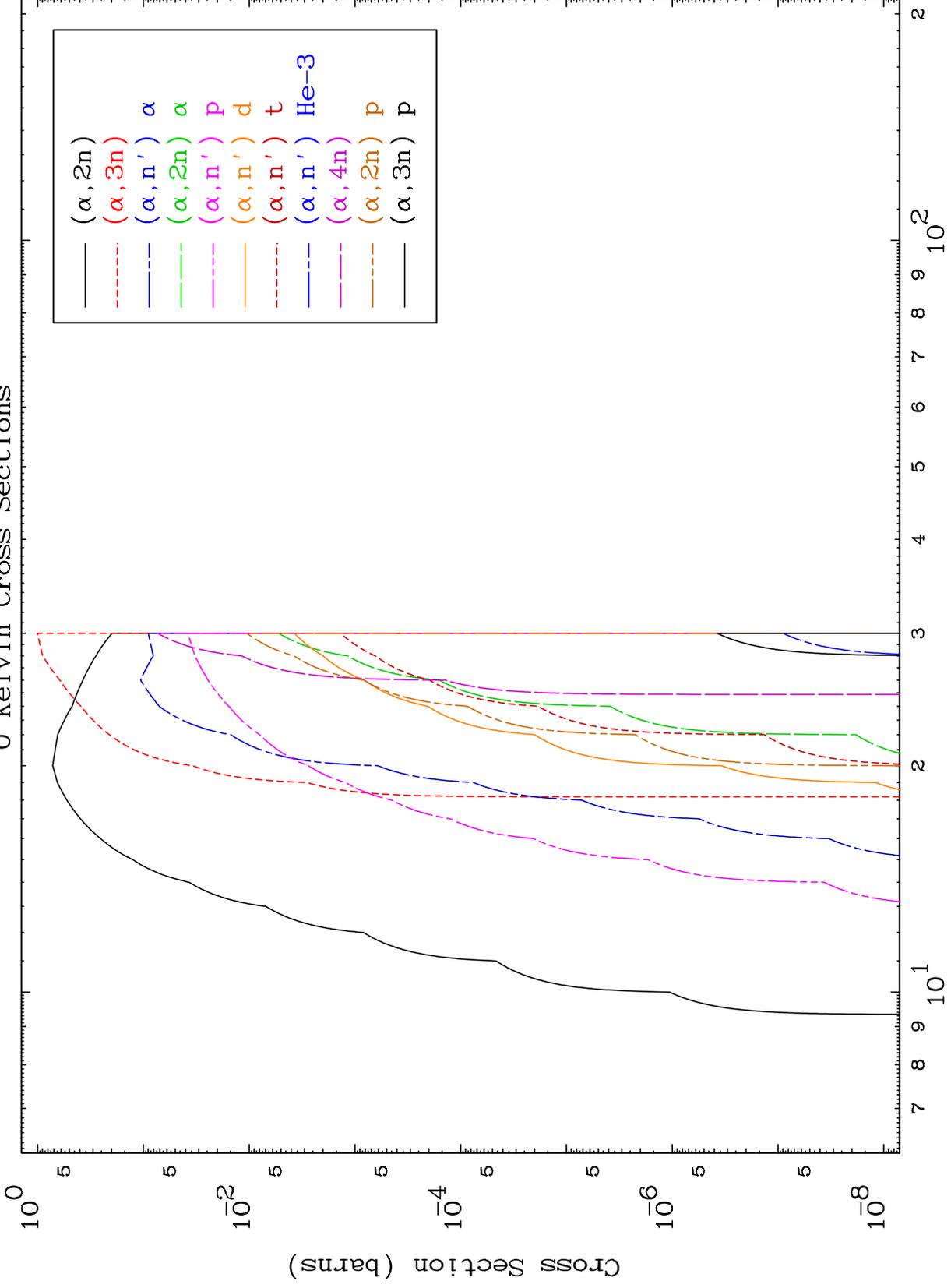
α Major

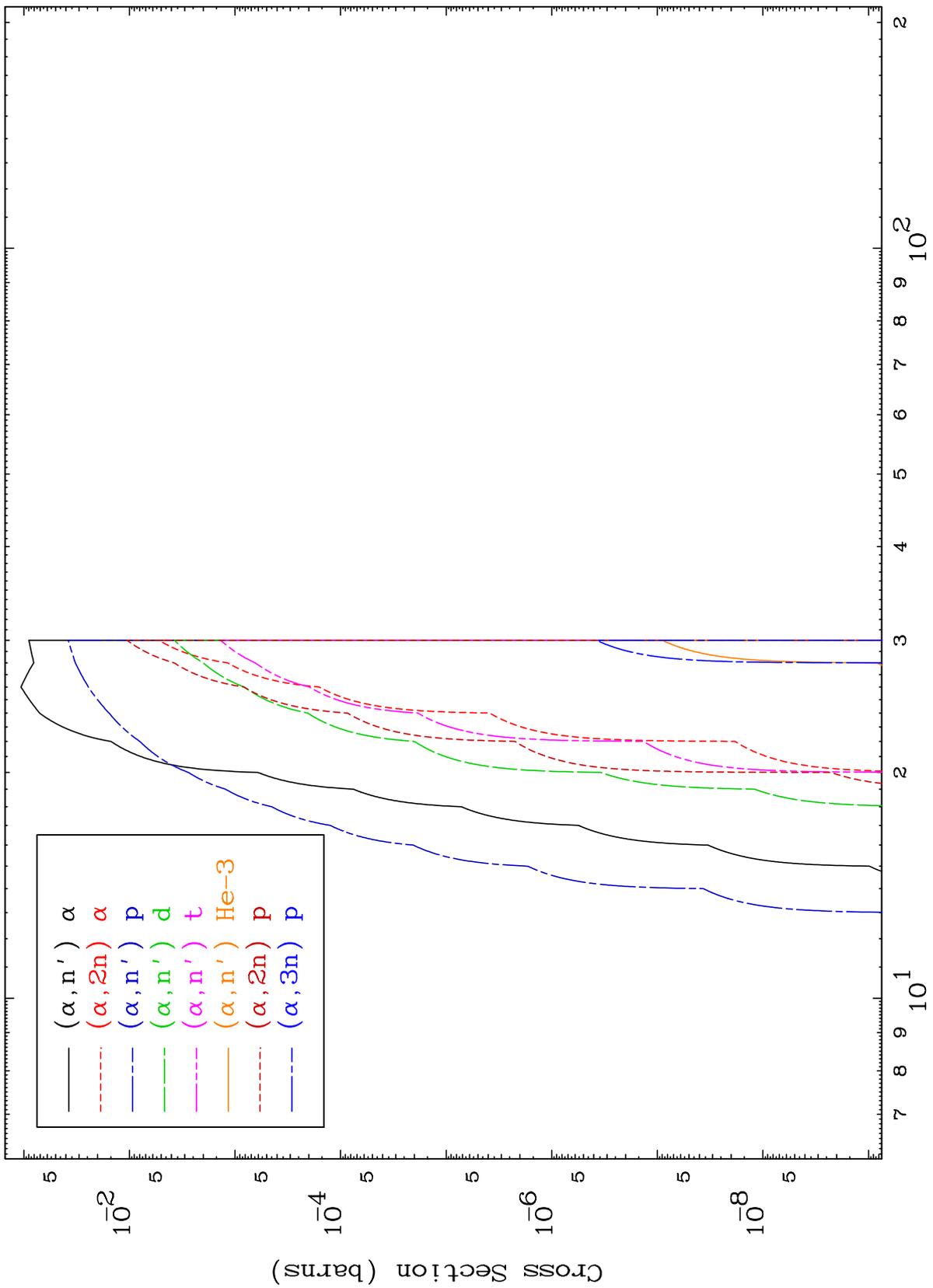
51-Sb-129

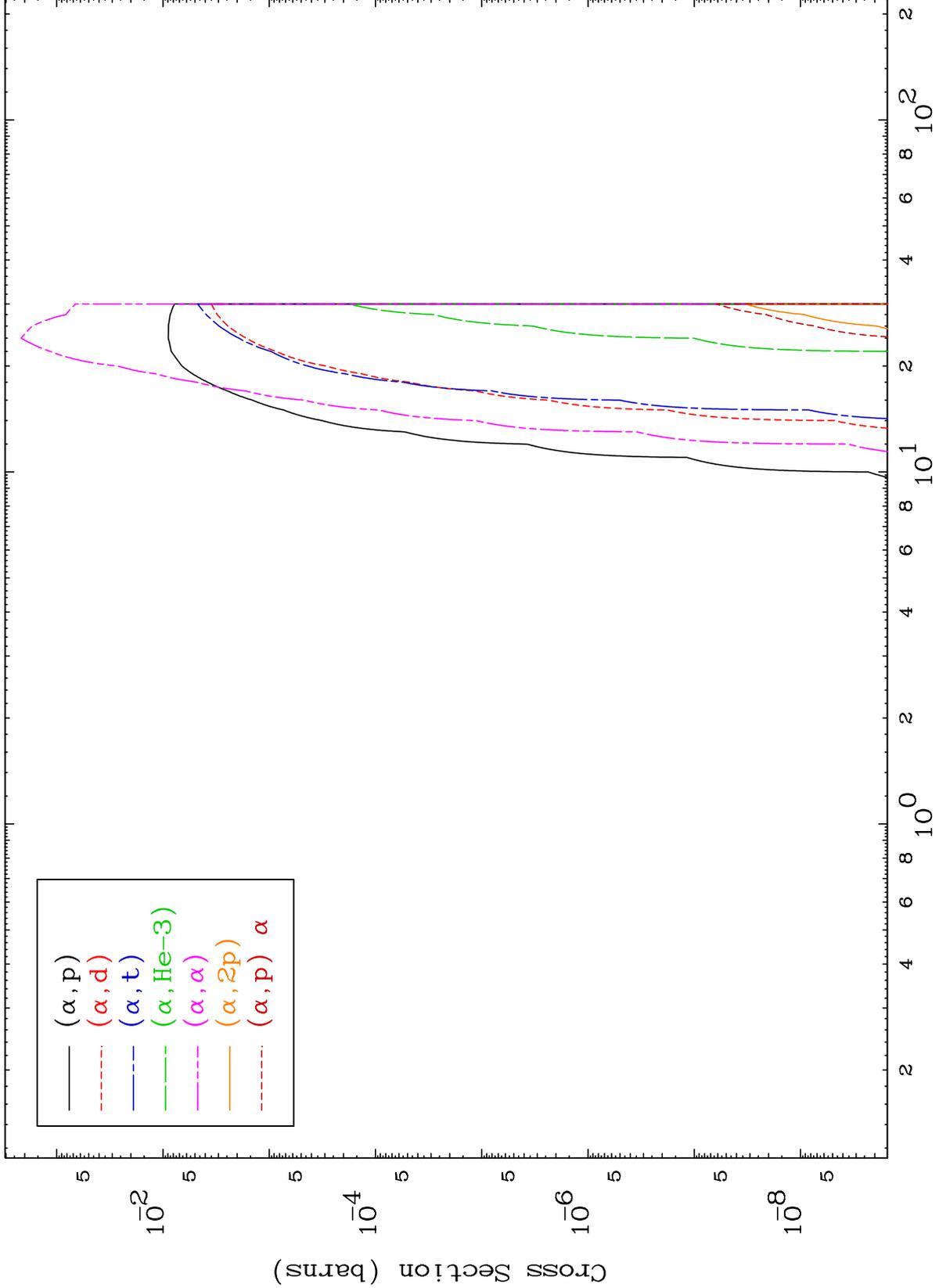
0 Kelvin Cross Sections



α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)





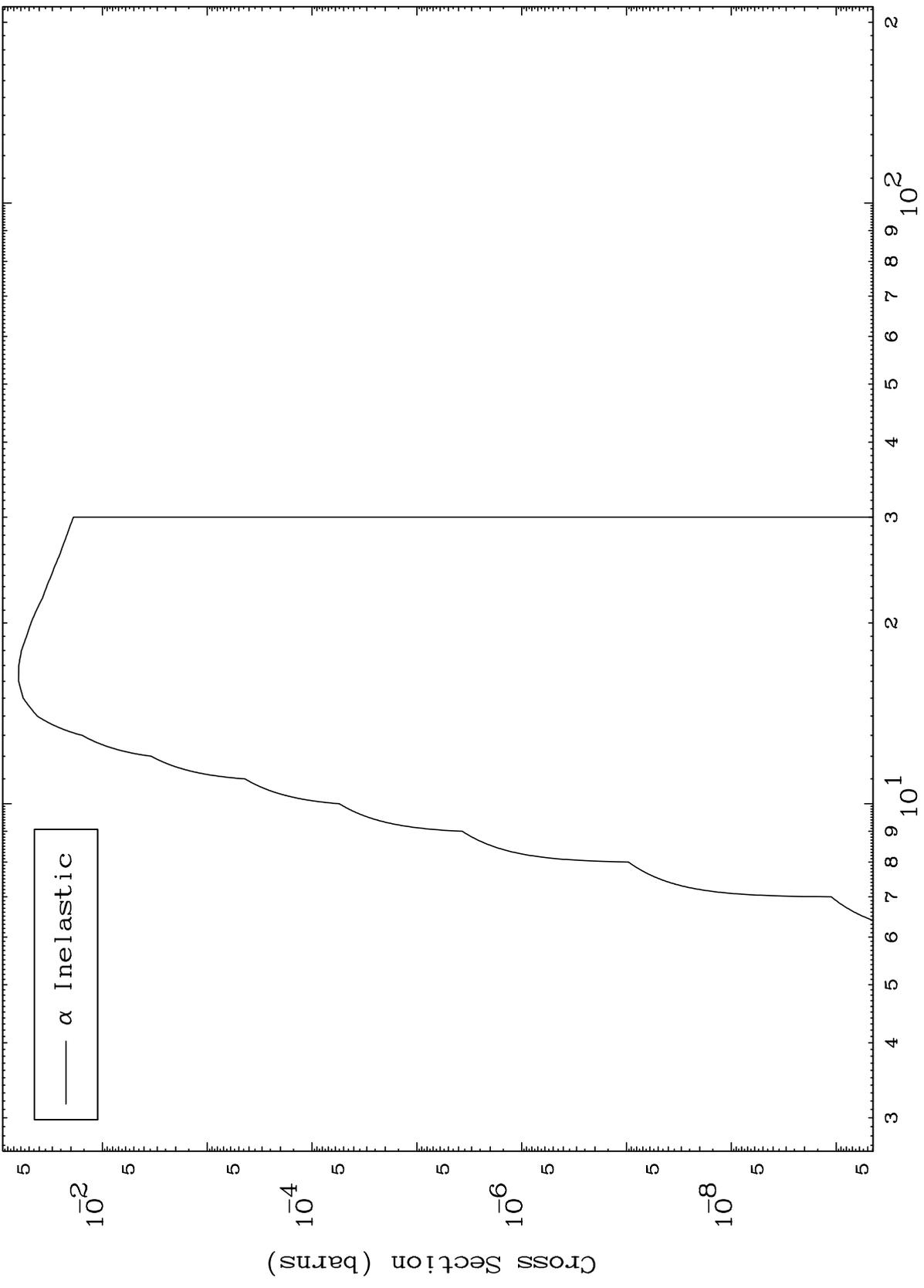


MAT 5150

(α, n') Level

51-Sb-129

0 Kelvin Cross Sections



5

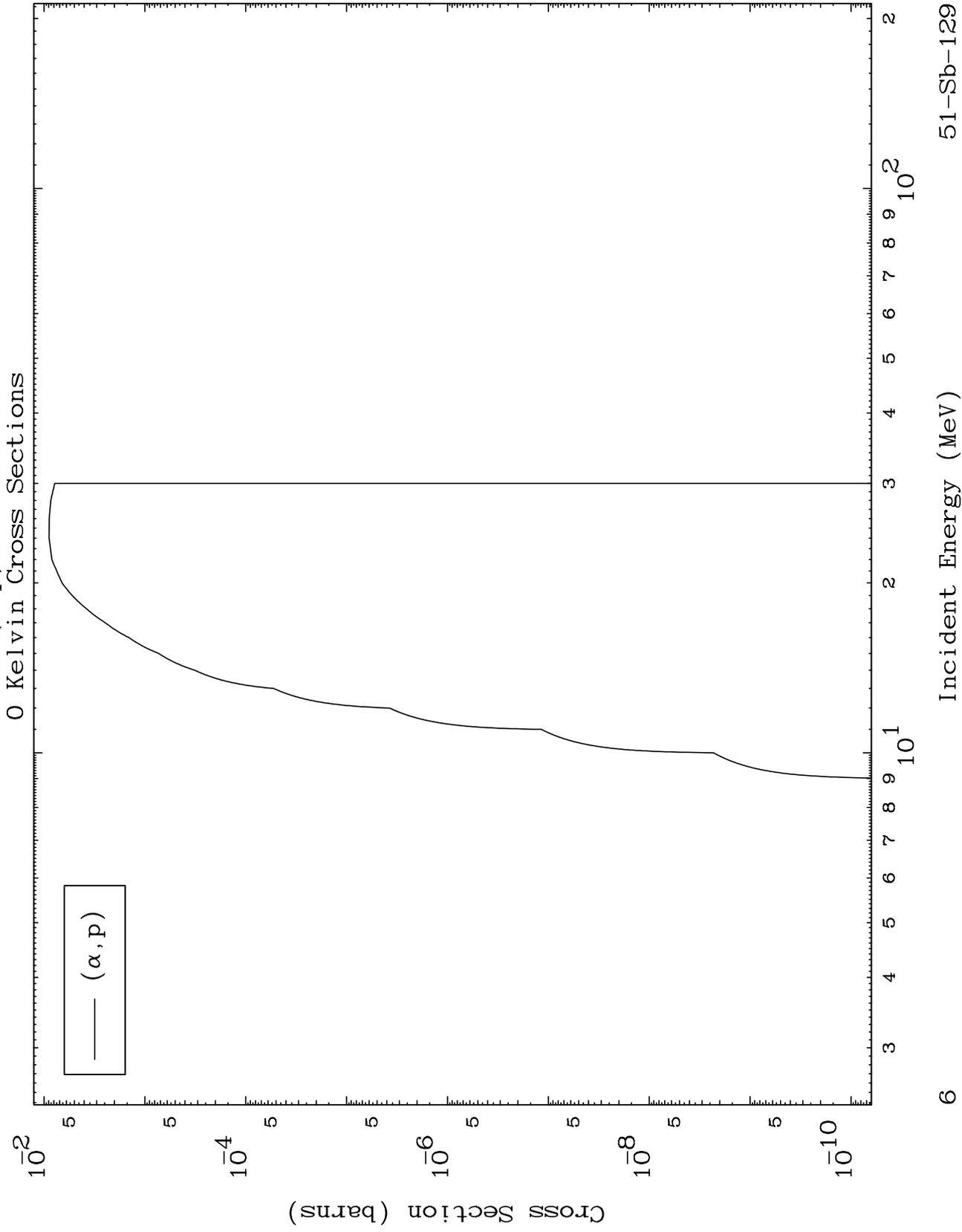
Incident Energy (MeV)

51-Sb-129

MAT 5150

(α, p) Levels

51-Sb-129

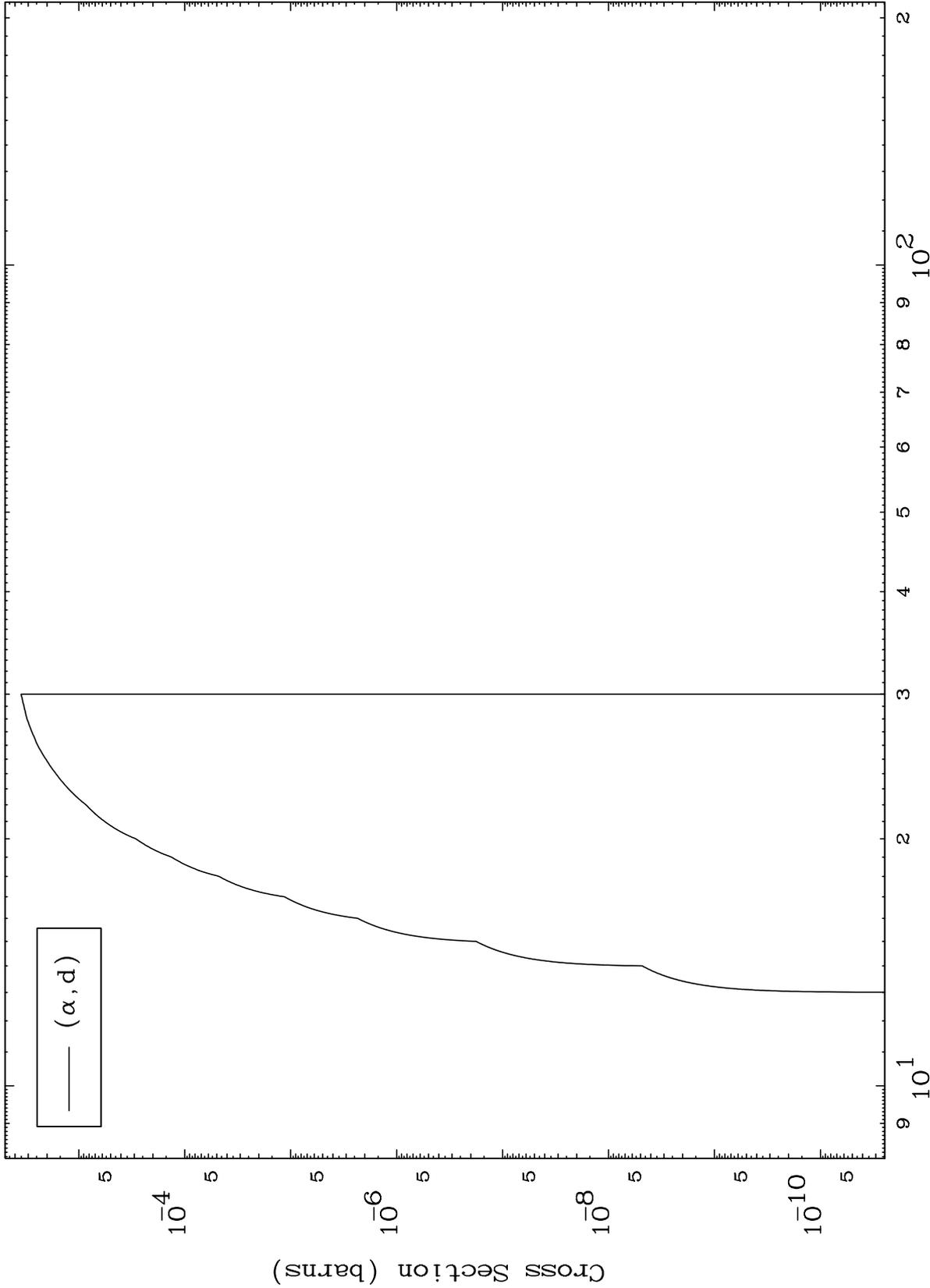


MAT 5150

(α, d) Levels

51-Sb-129

0 Kelvin Cross Sections



Incident Energy (MeV)

51-Sb-129

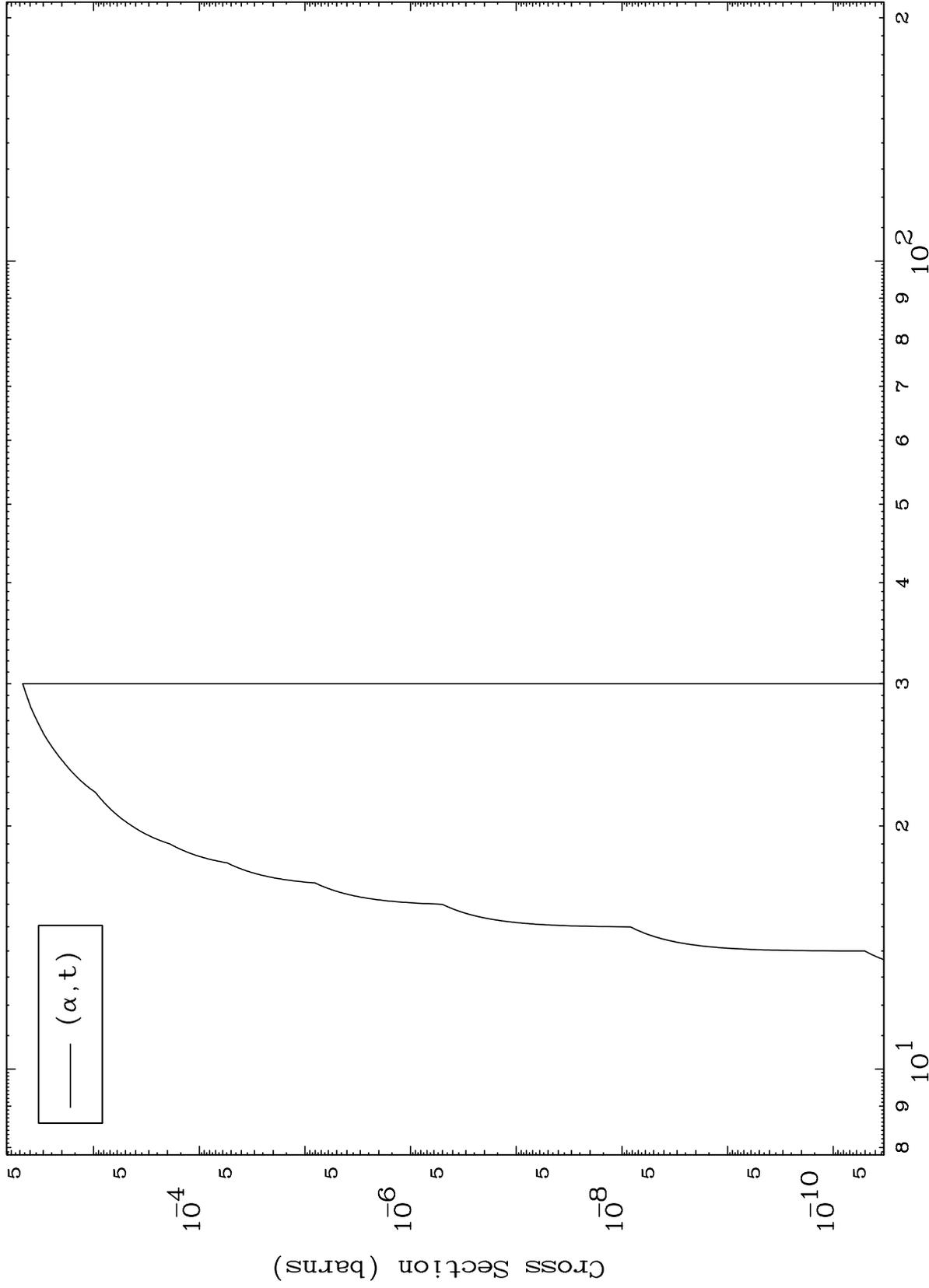
7

MAT 5150

(α, t) Levels

51-Sb-129

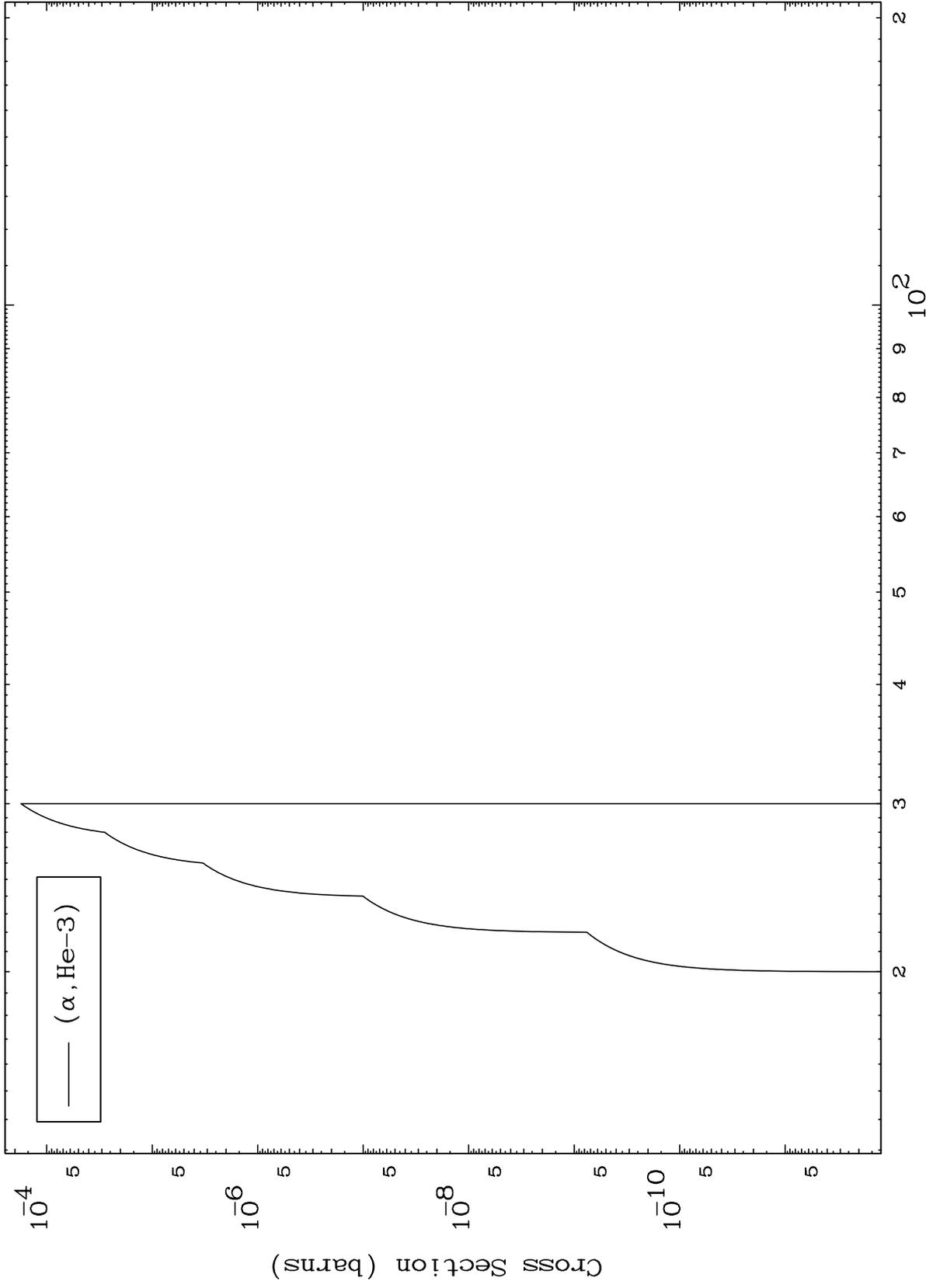
0 Kelvin Cross Sections



Incident Energy (MeV)

51-Sb-129

8

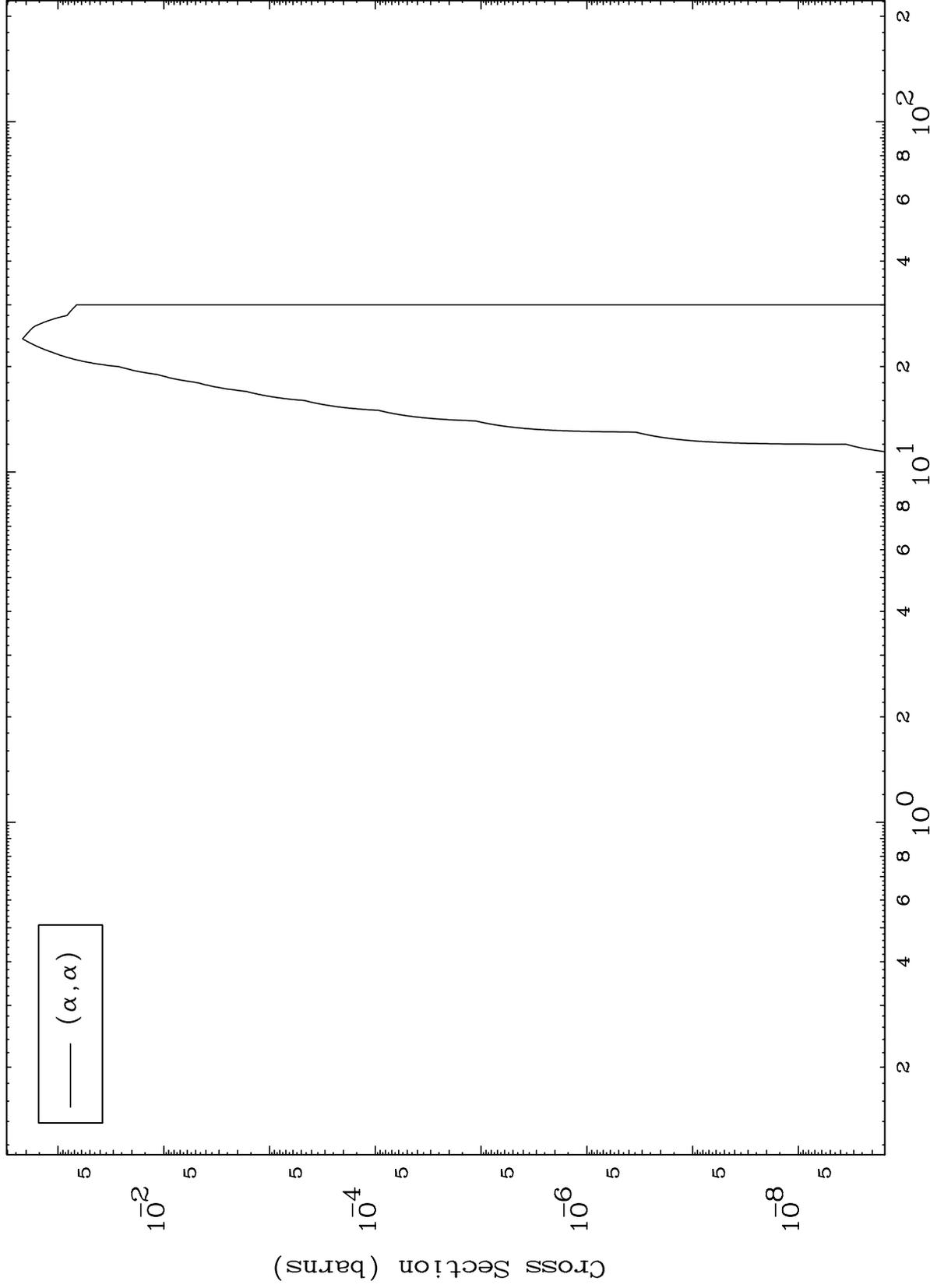


MAT 5150

(α, α) Levels

51-Sb-129

0 Kelvin Cross Sections



10

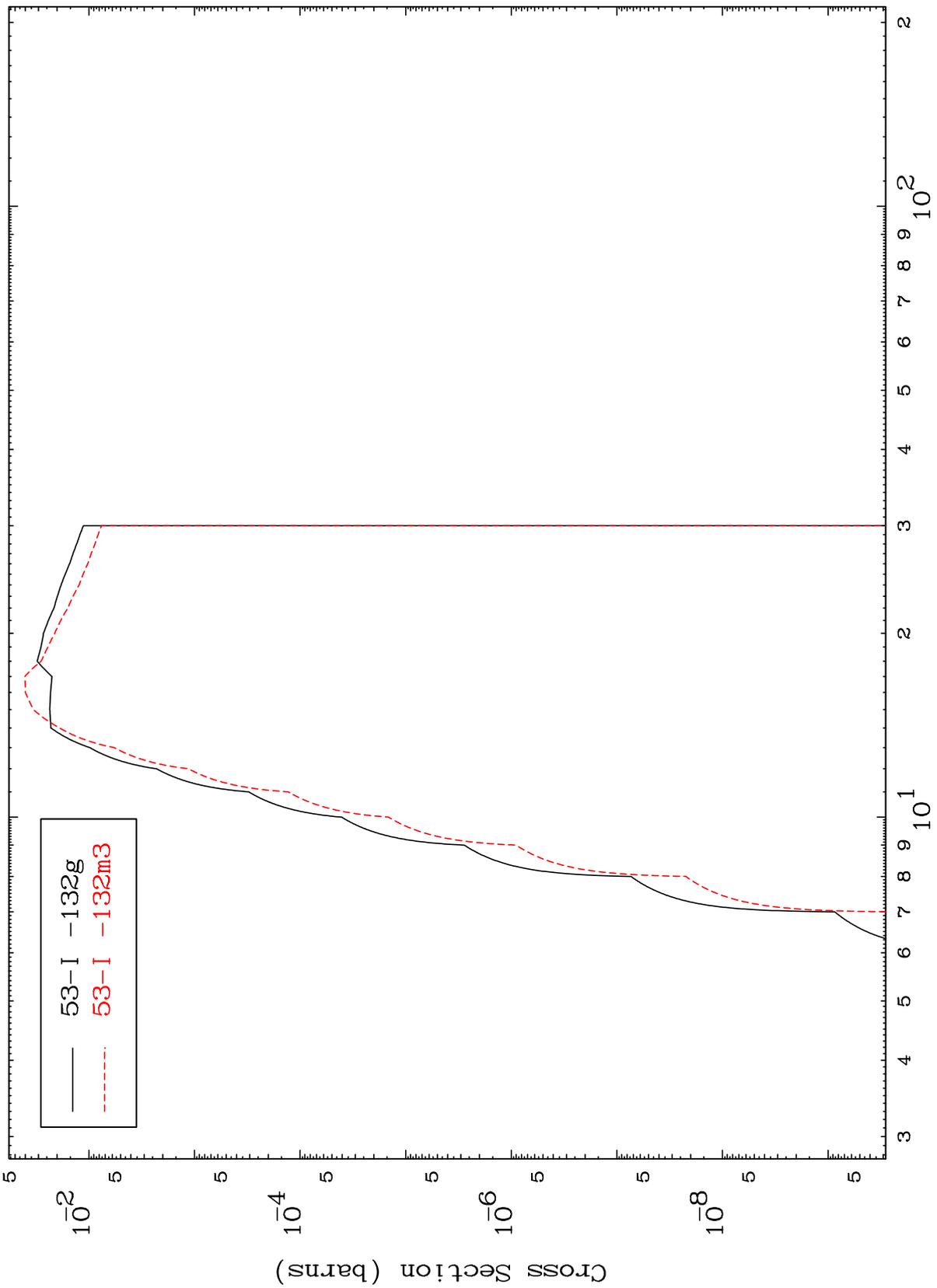
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

Radionuclide Production Cross Section
 α Inelastic



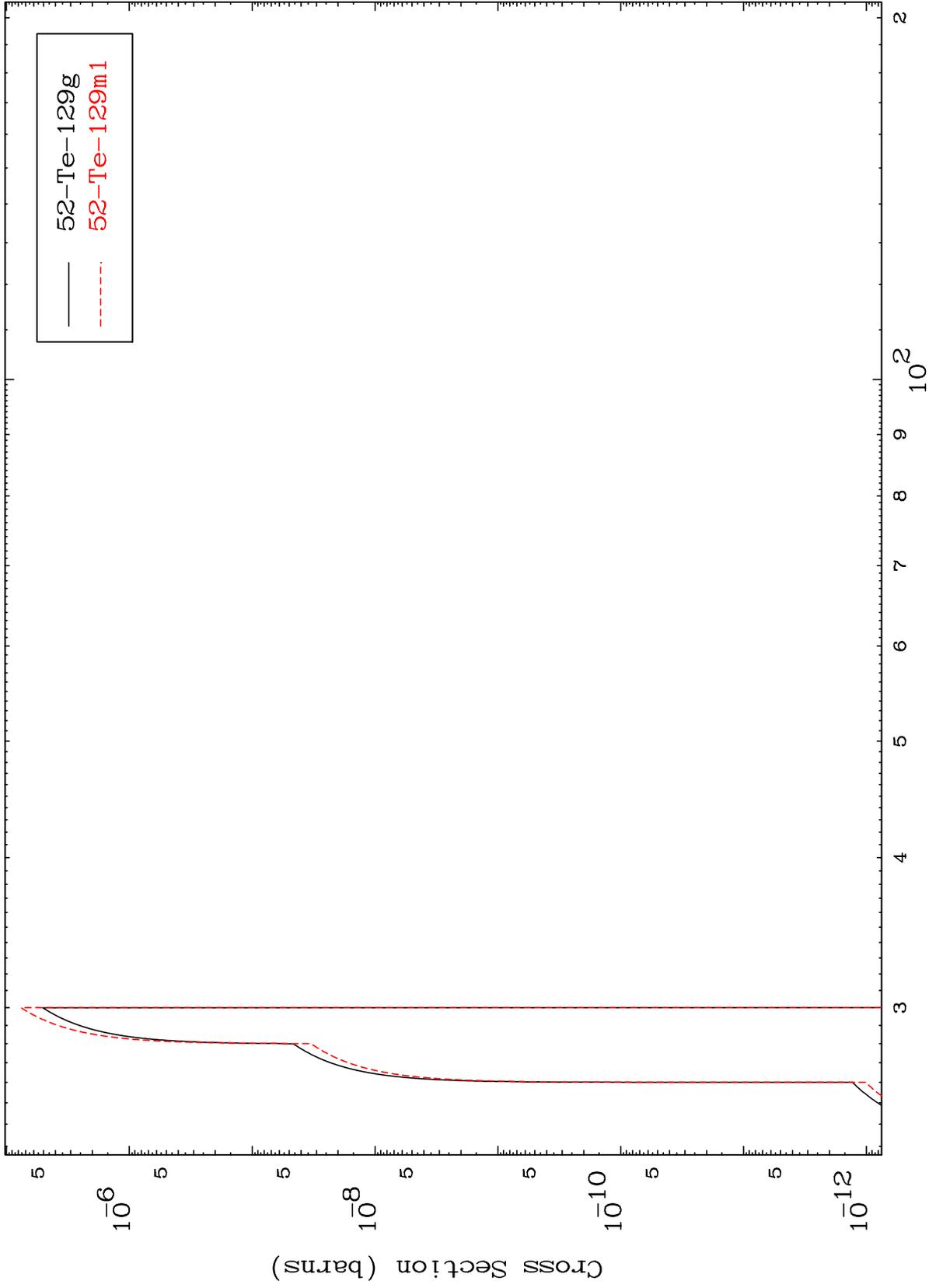
53-I-132g
53-I-132m3

51-Sb-129

Incident Energy (MeV)

11

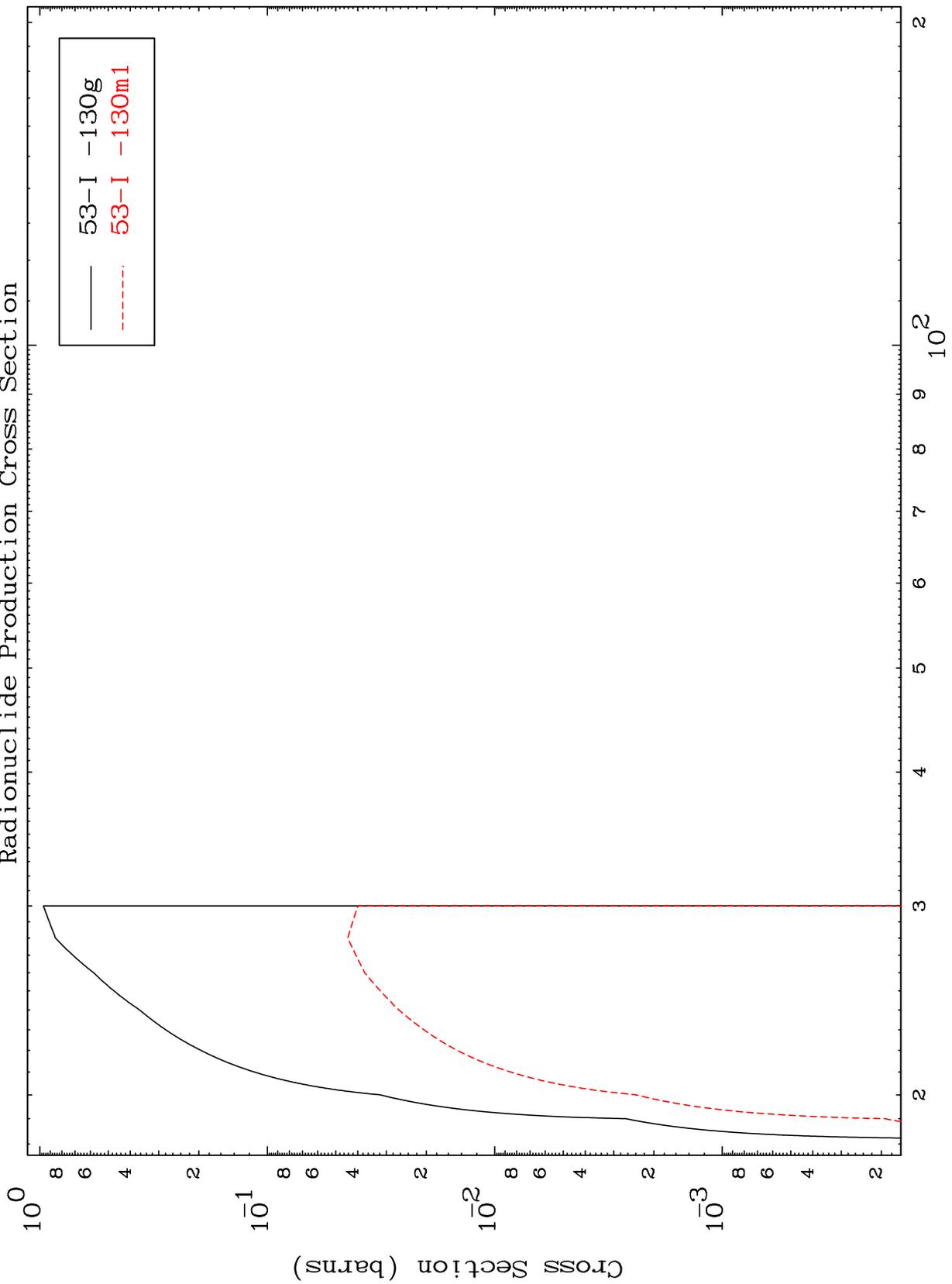
Radionuclide Production Cross Section



MAT 5150

51-Sb-129

($\alpha, 3n$)
Radionuclide Production Cross Section



13

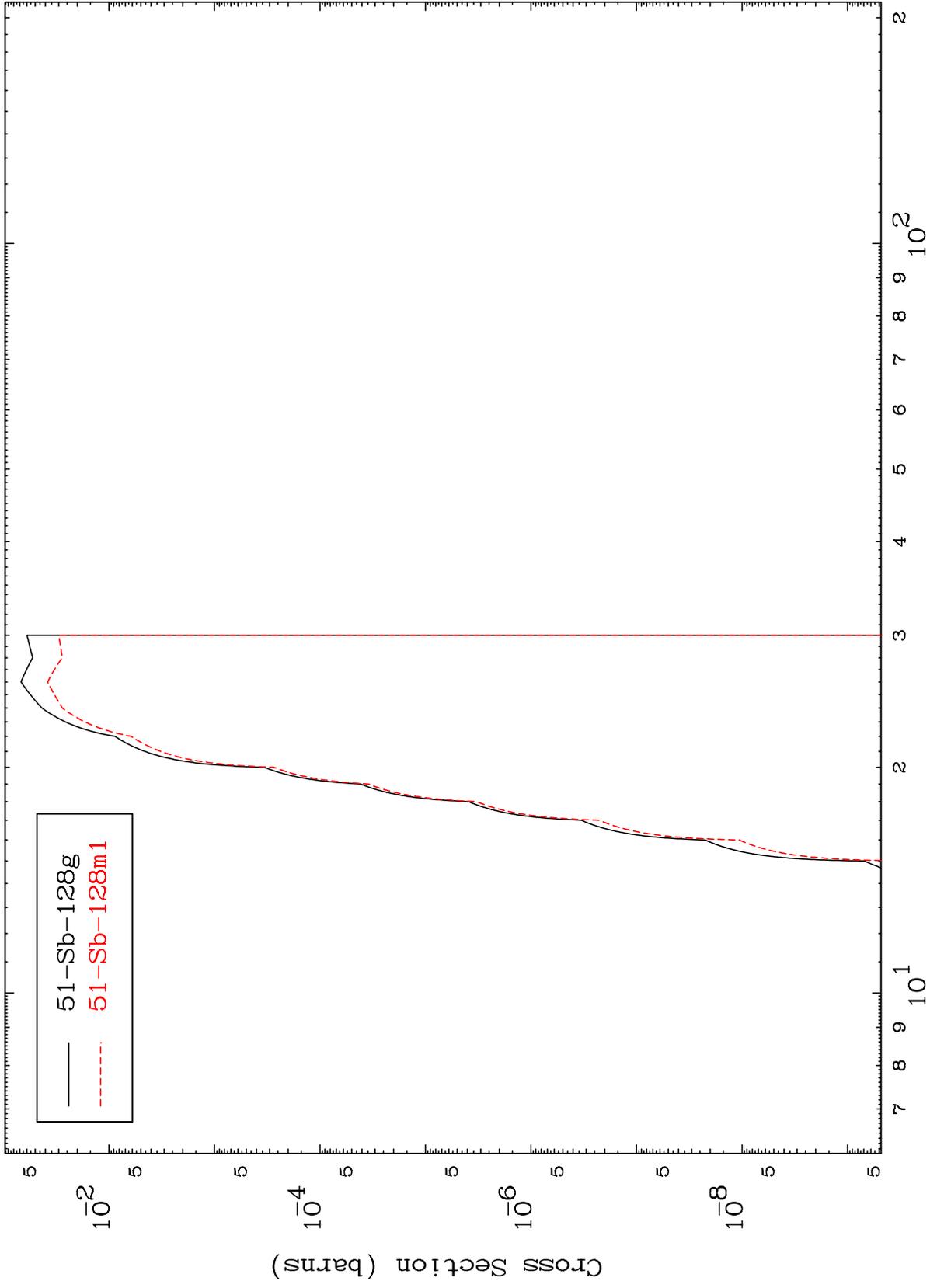
51-Sb-129

Incident Energy (MeV)

MAT 5150

51-Sb-129

(α, n') α
Radionuclide Production Cross Section

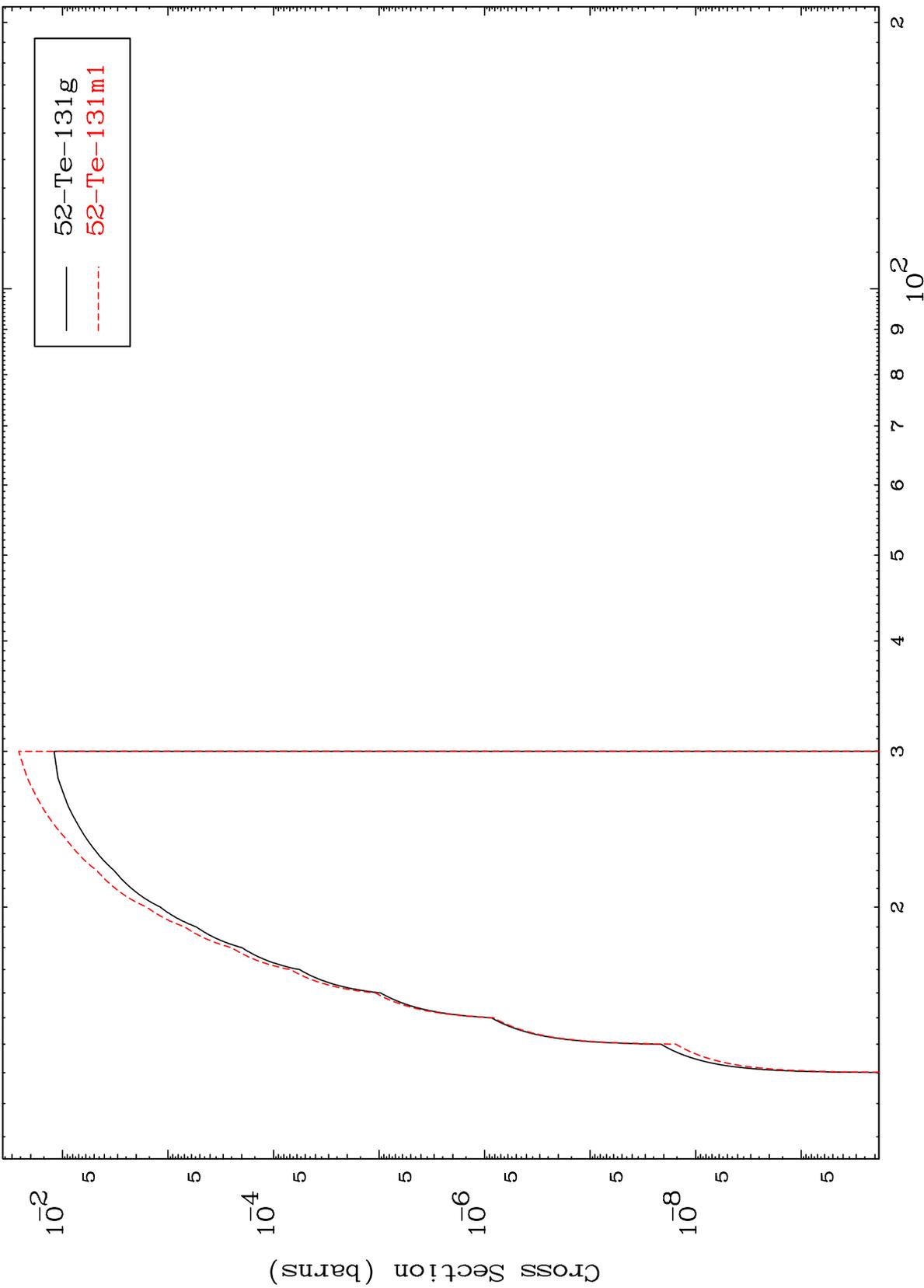


51-Sb-129

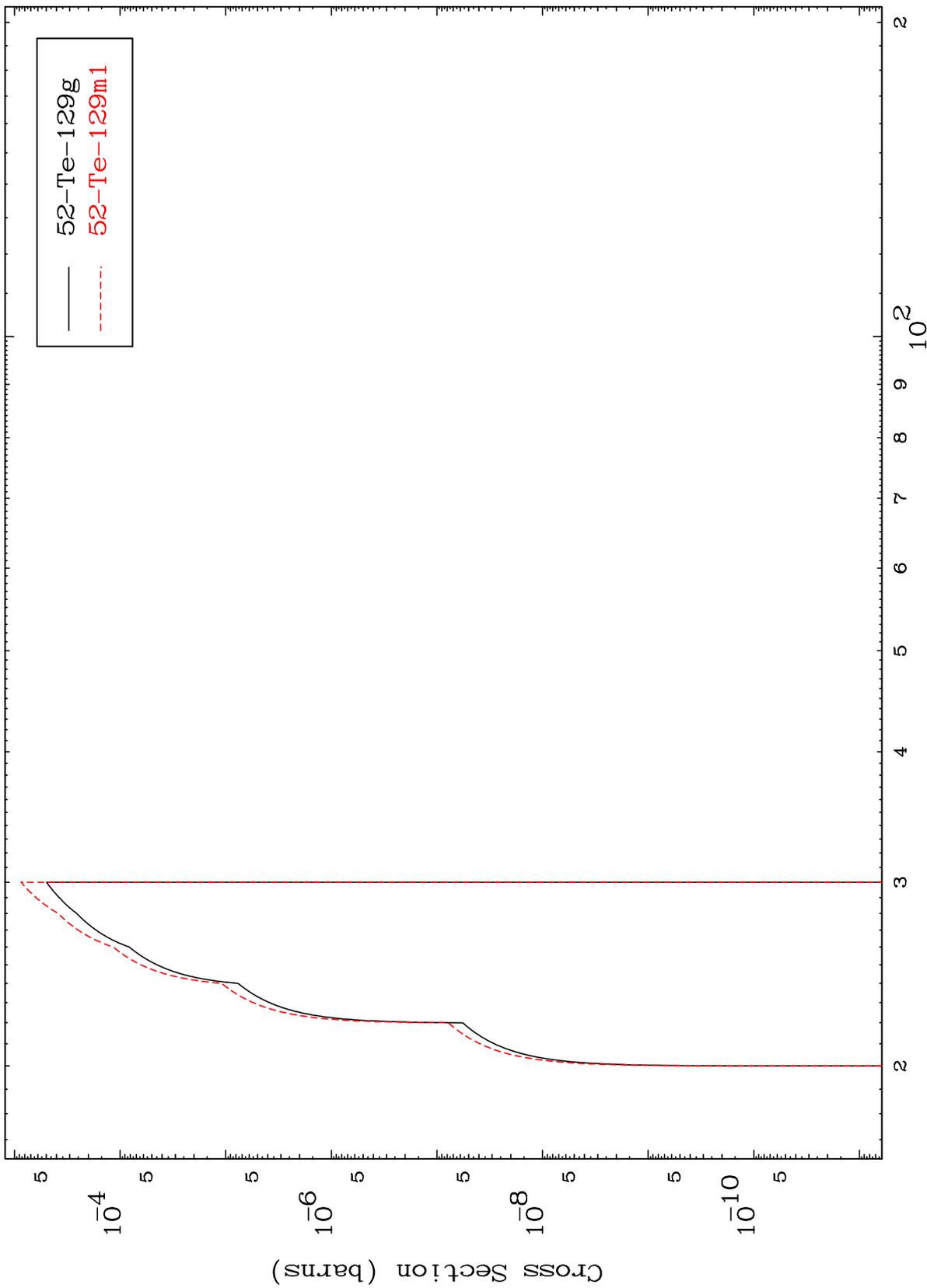
Incident Energy (MeV)

14

Radionuclide Production Cross Section



Radionuclide Production Cross Section

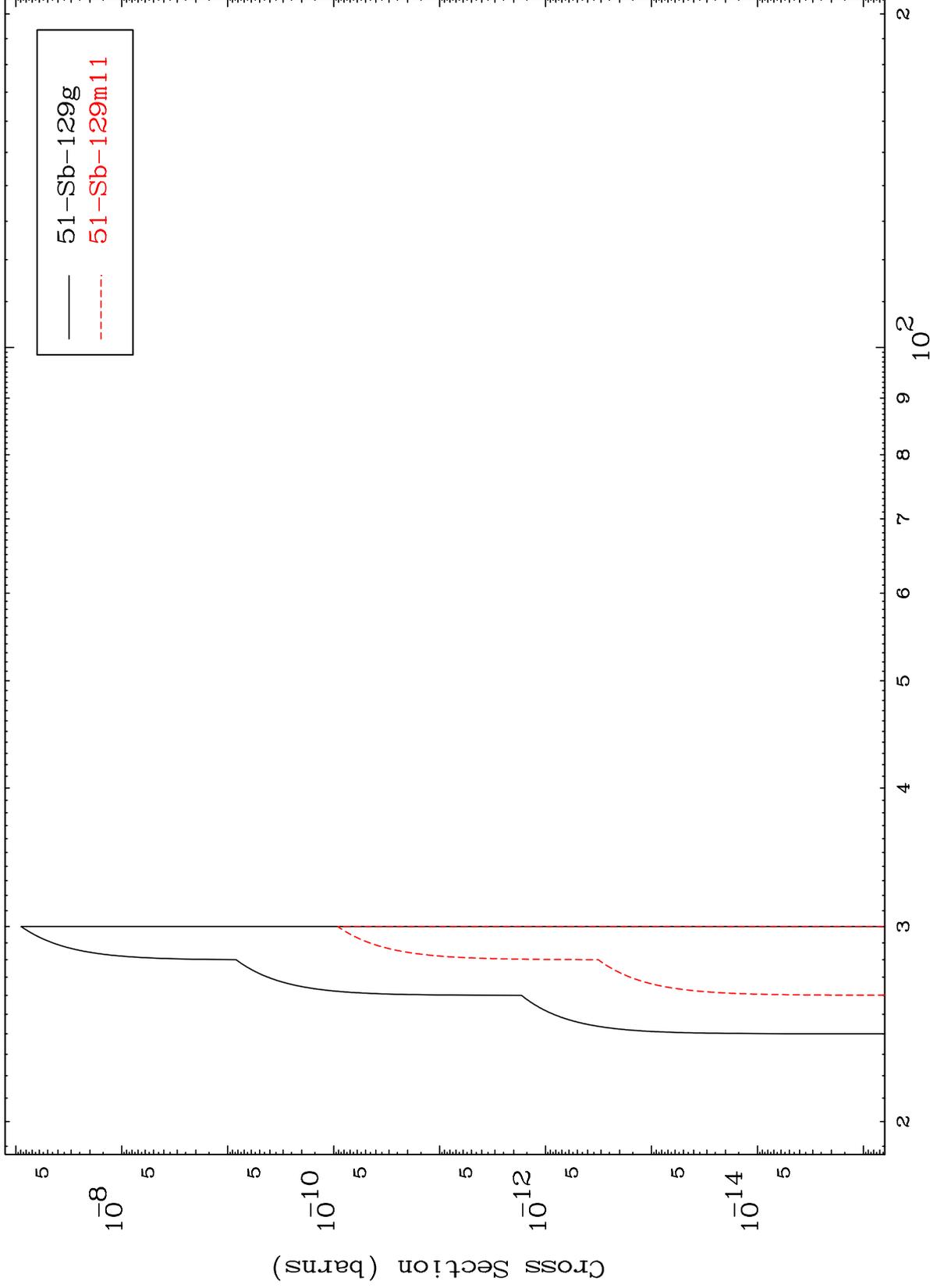


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(α, n') He-3

51-Sb-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

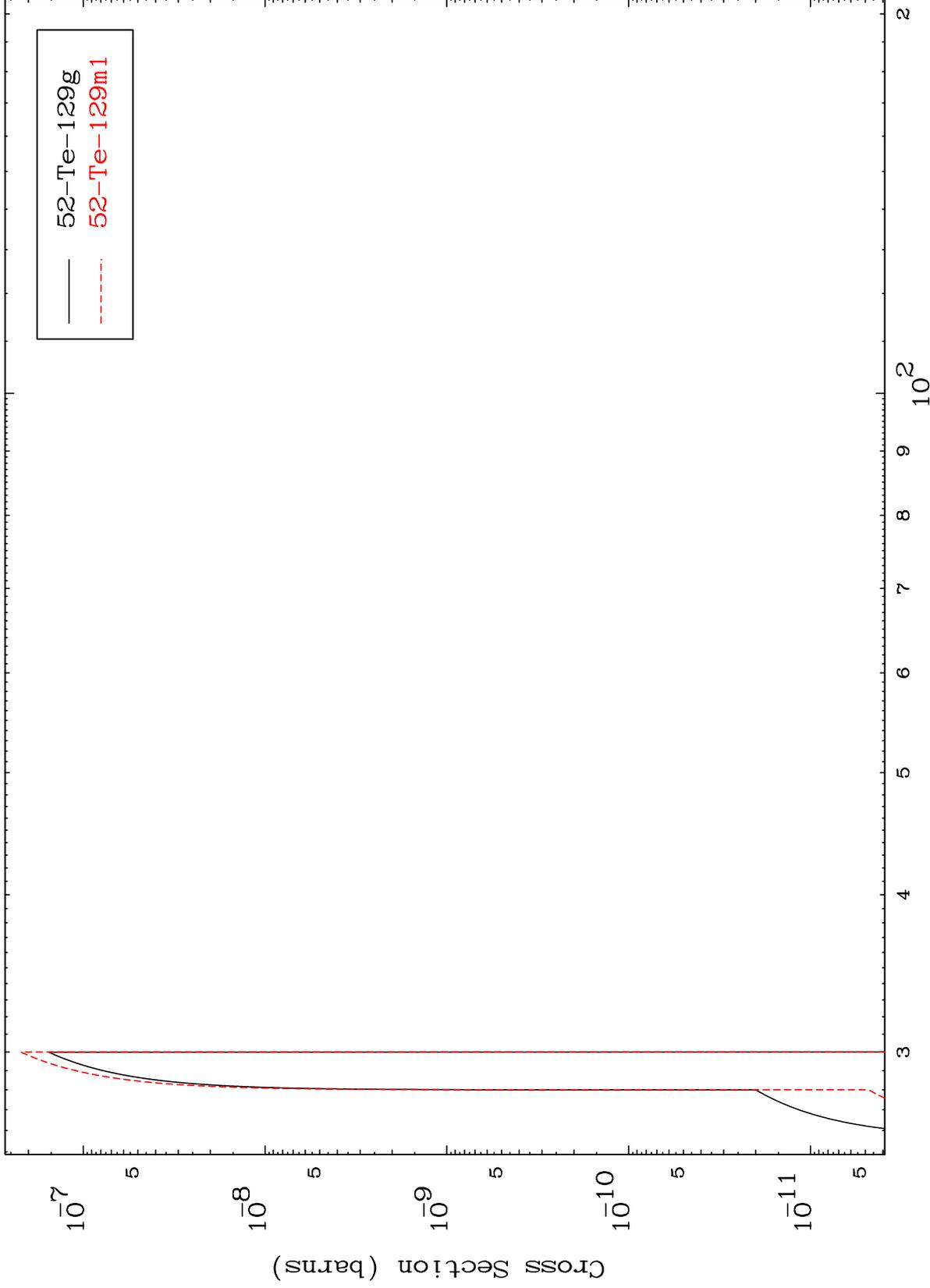
51-Sb-129

MAT 5150

$(\alpha, 3n)$ p

51-Sb-129

Radionuclide Production Cross Section



18

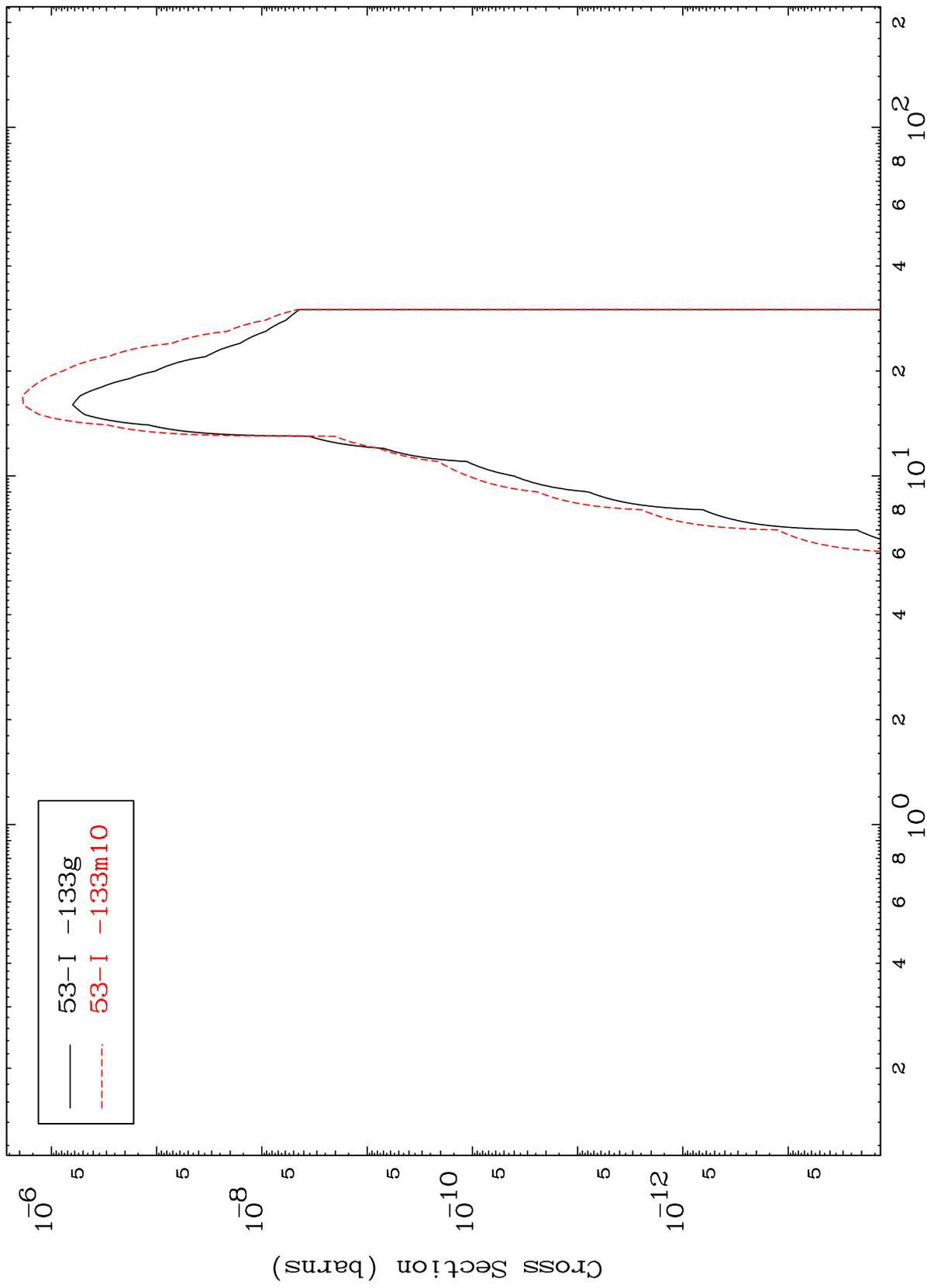
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

(α, γ)
Radionuclide Production Cross Section



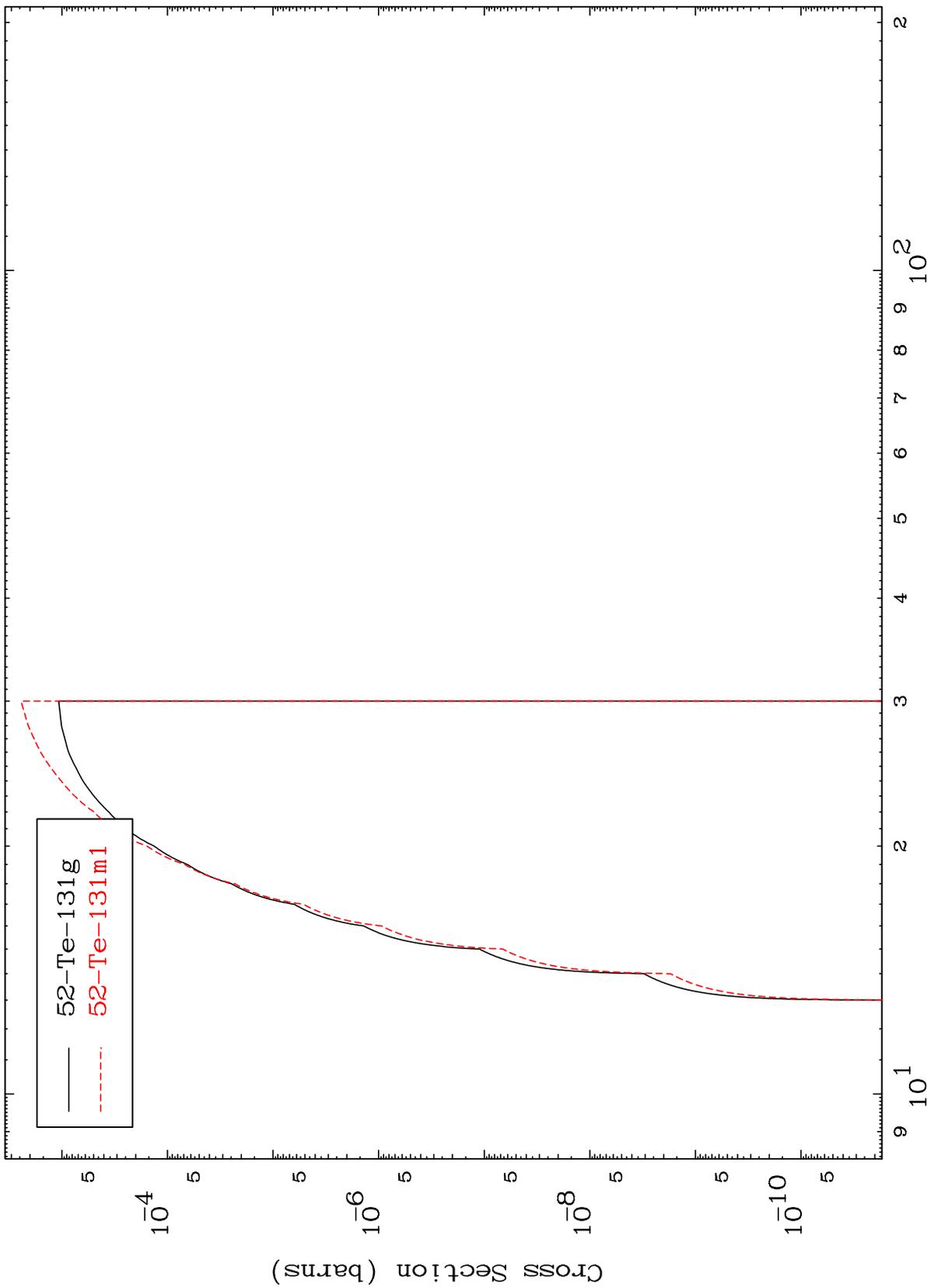
19

51-Sb-129

MAT 5150

51-Sb-129

(α, d)
Radionuclide Production Cross Section



51-Sb-129

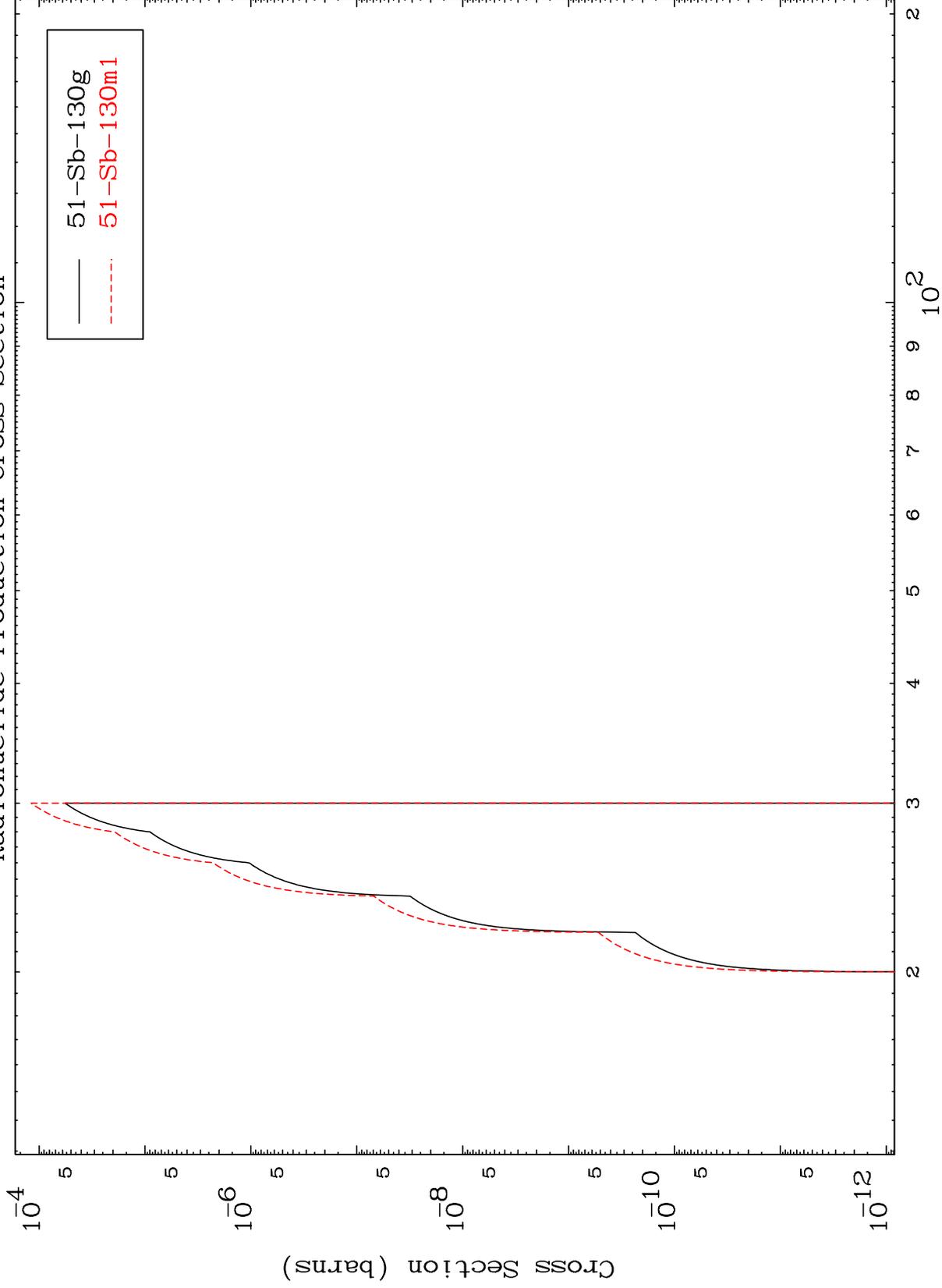
Incident Energy (MeV)

20

MAT 5150

51-Sb-129

($\alpha, \text{He-3}$)
Radionuclide Production Cross Section



51-Sb-129

Incident Energy (MeV)

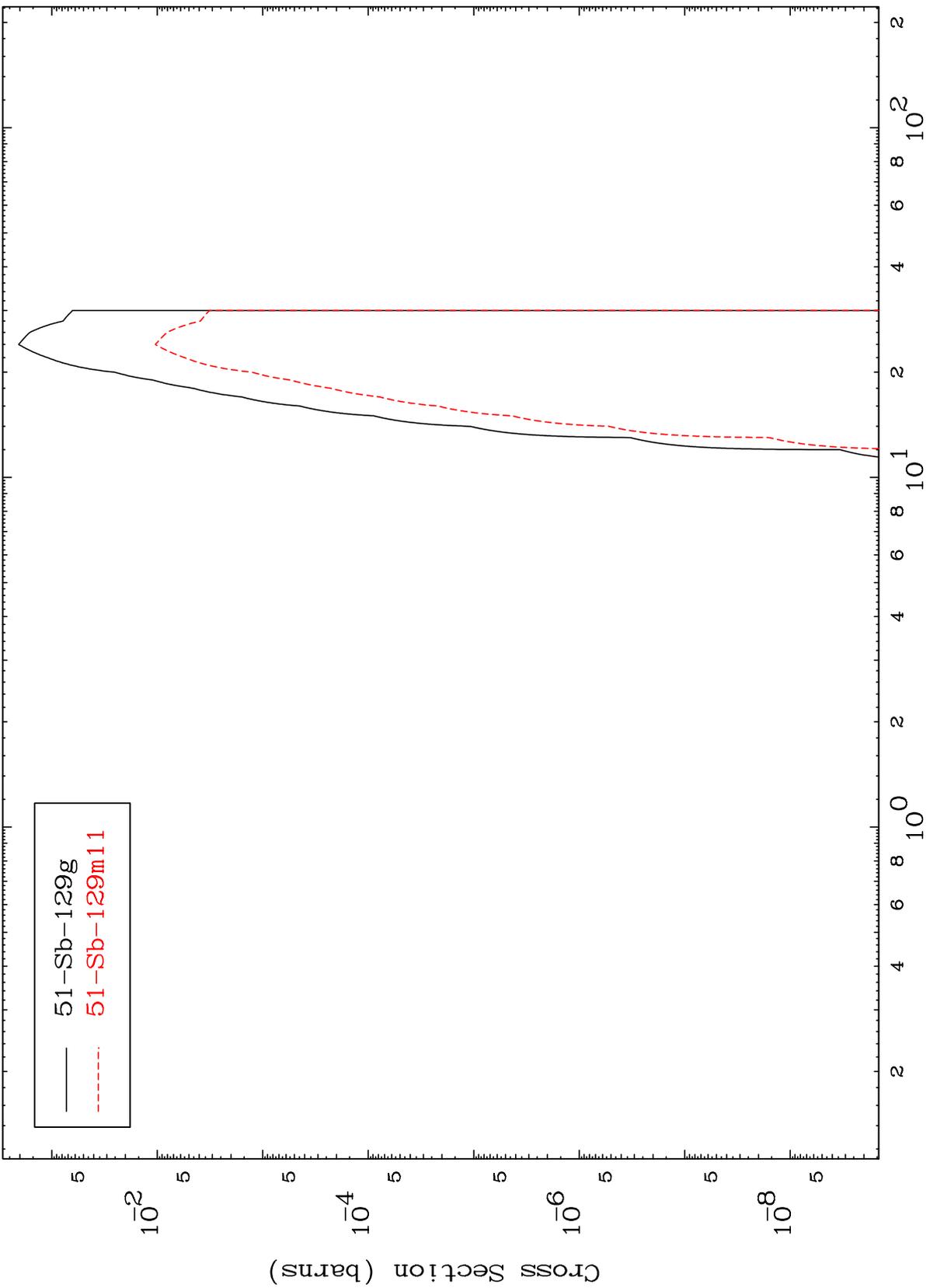
21

MAT 5150

(α, α)

51-Sb-129

Radionuclide Production Cross Section



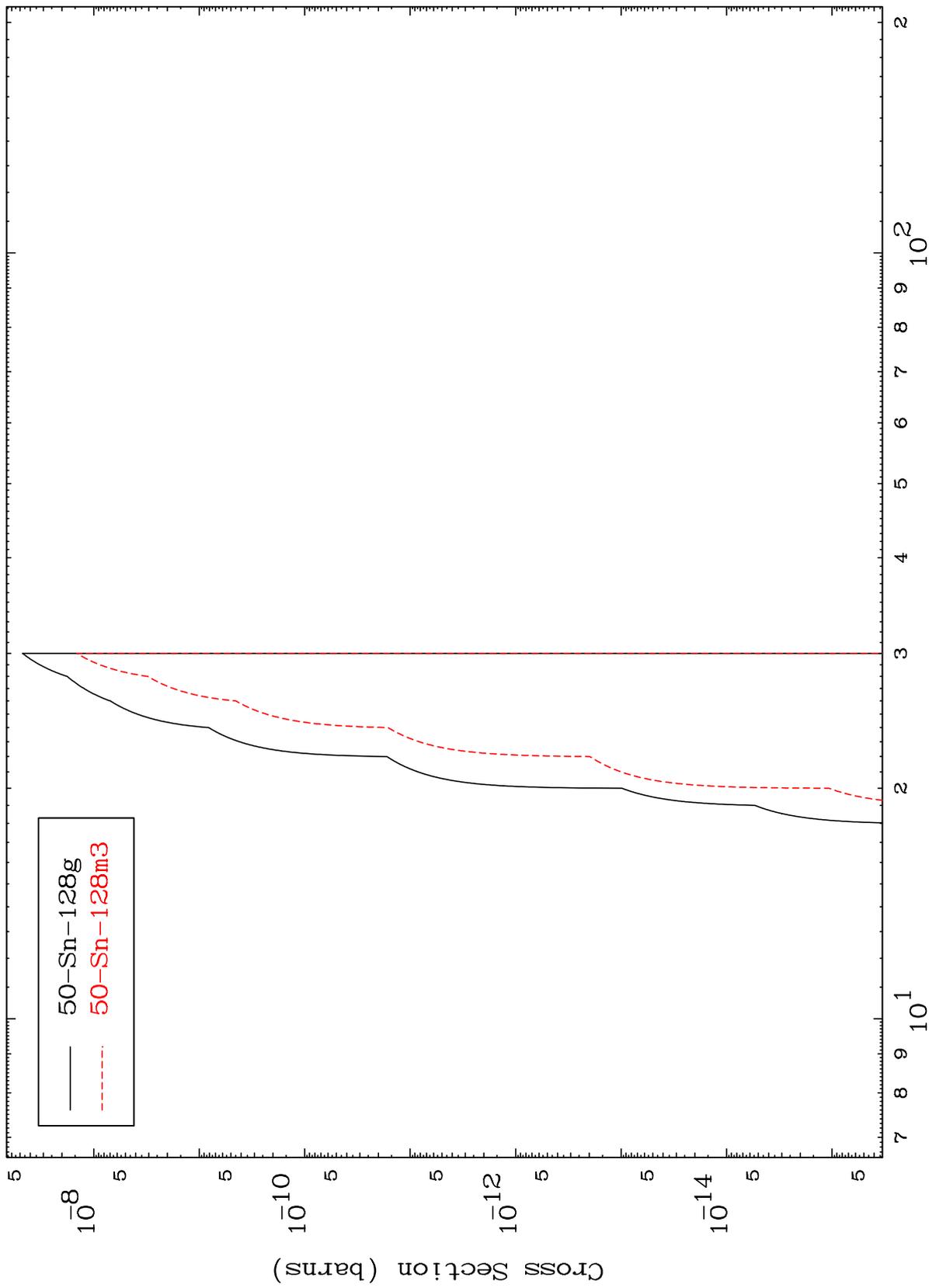
51-Sb-129g
51-Sb-129m11

MAT 5150

51-Sb-129

(α, p) α

Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

23

Incident Energy (MeV)

51-Sb-129