

Program EVALPLOT
(Version 2018-1)

by

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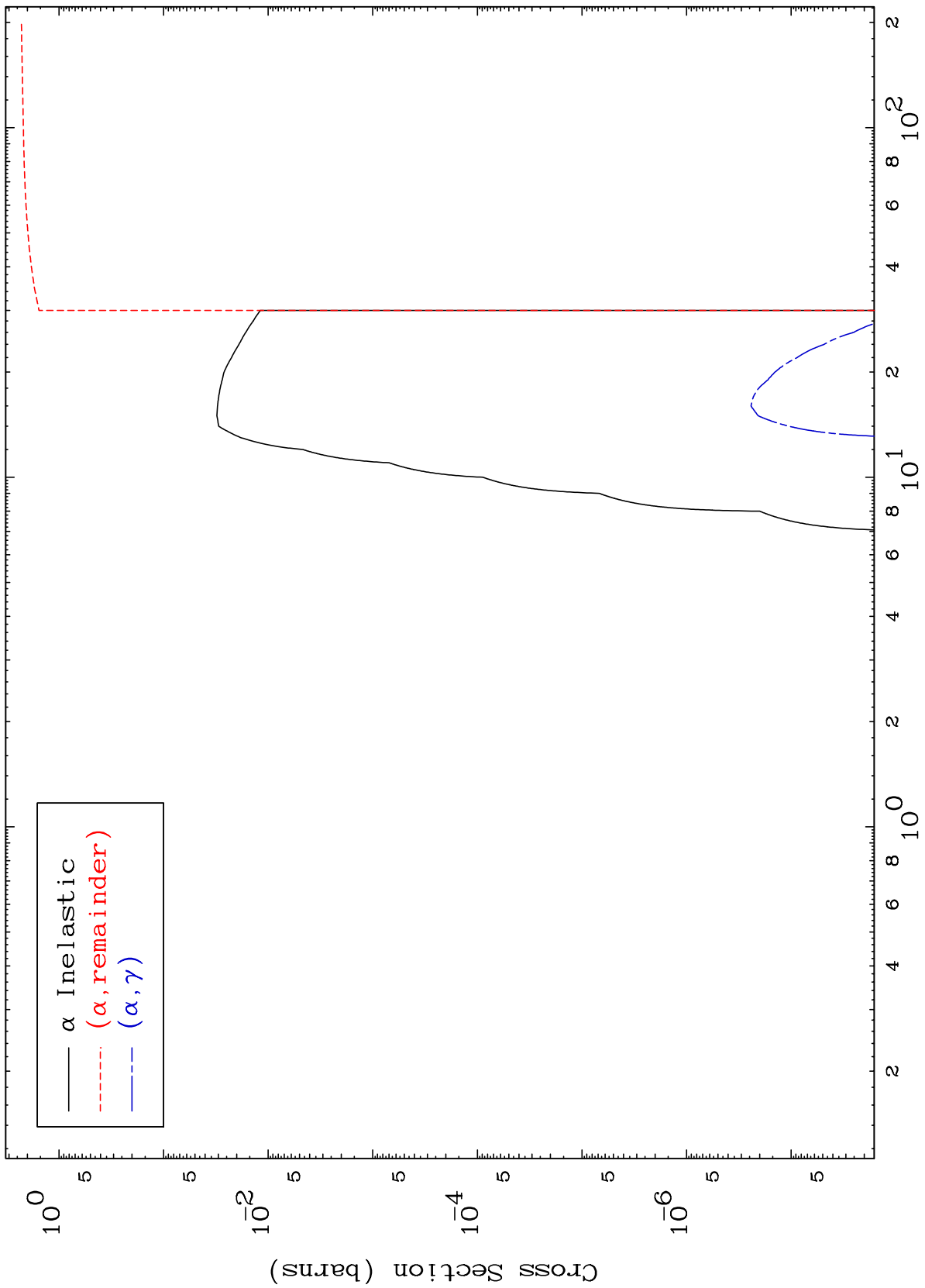
Press Mouse Button to Start

MAT 5074

α Major

50-Sn-128

0 Kelvin Cross Sections



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

50-Sn-128

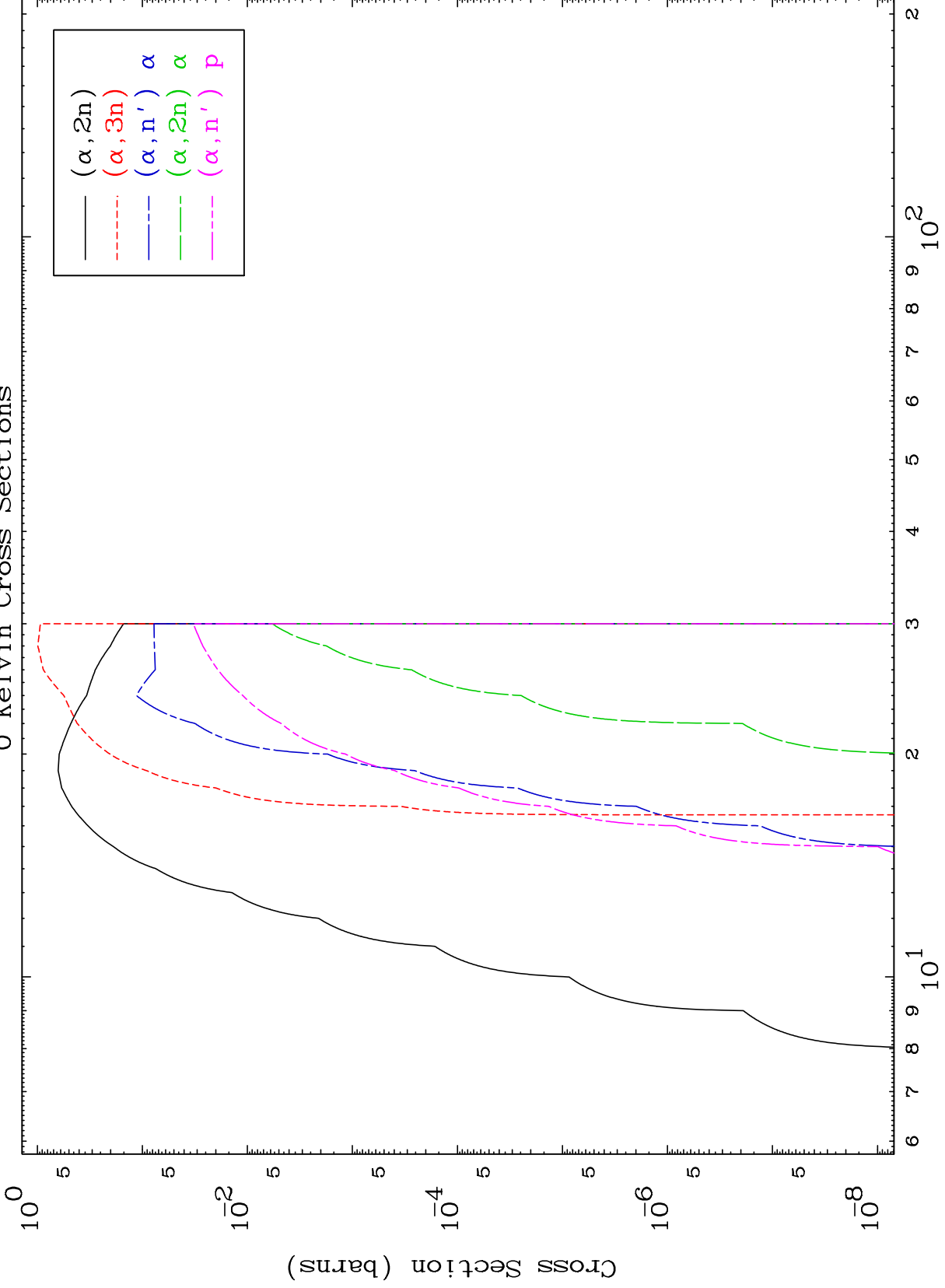
Incident Energy (MeV)

1

MAT 5074

α Neutron Production
0 Kelvin Cross Sections

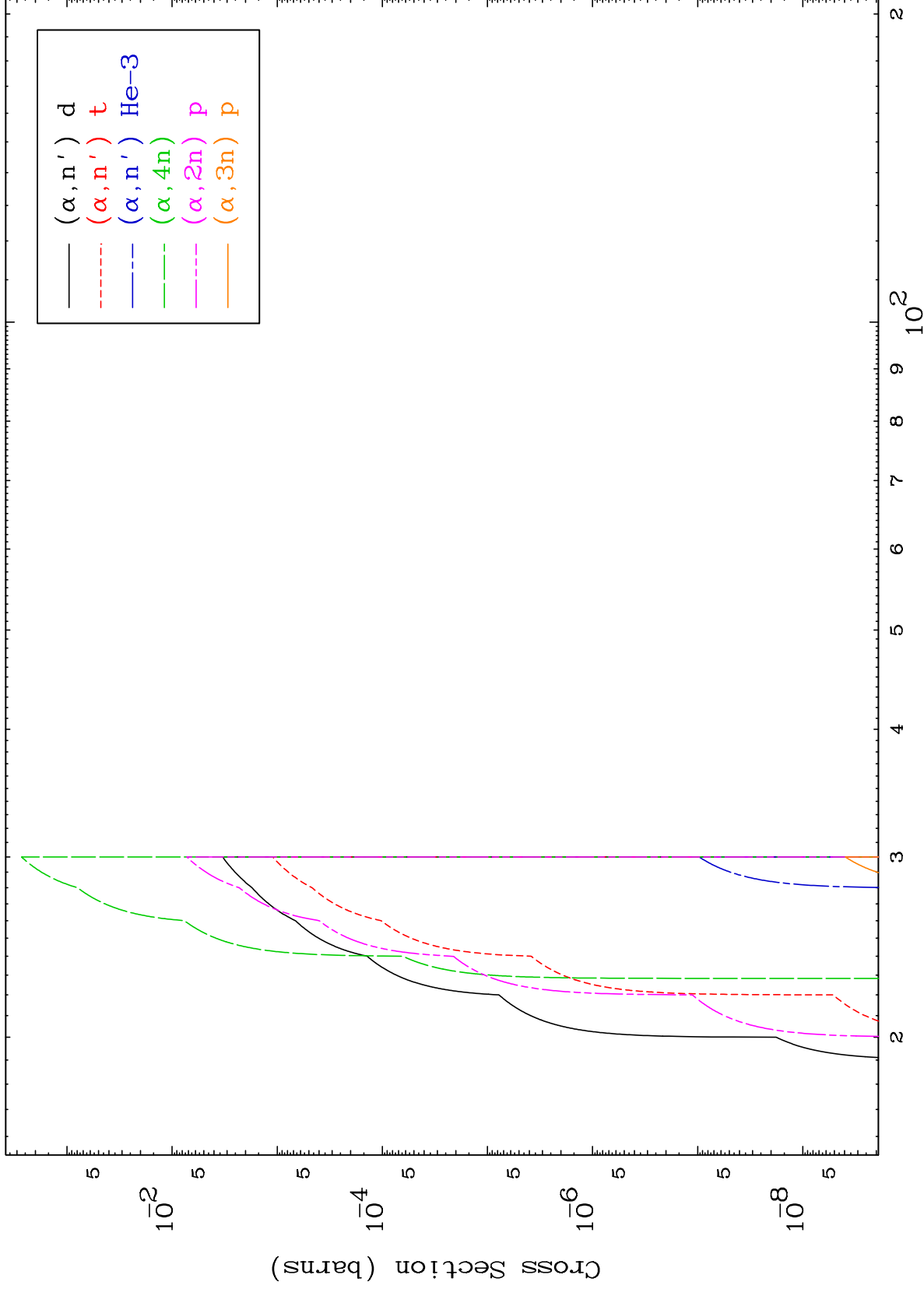
50-Sn-128

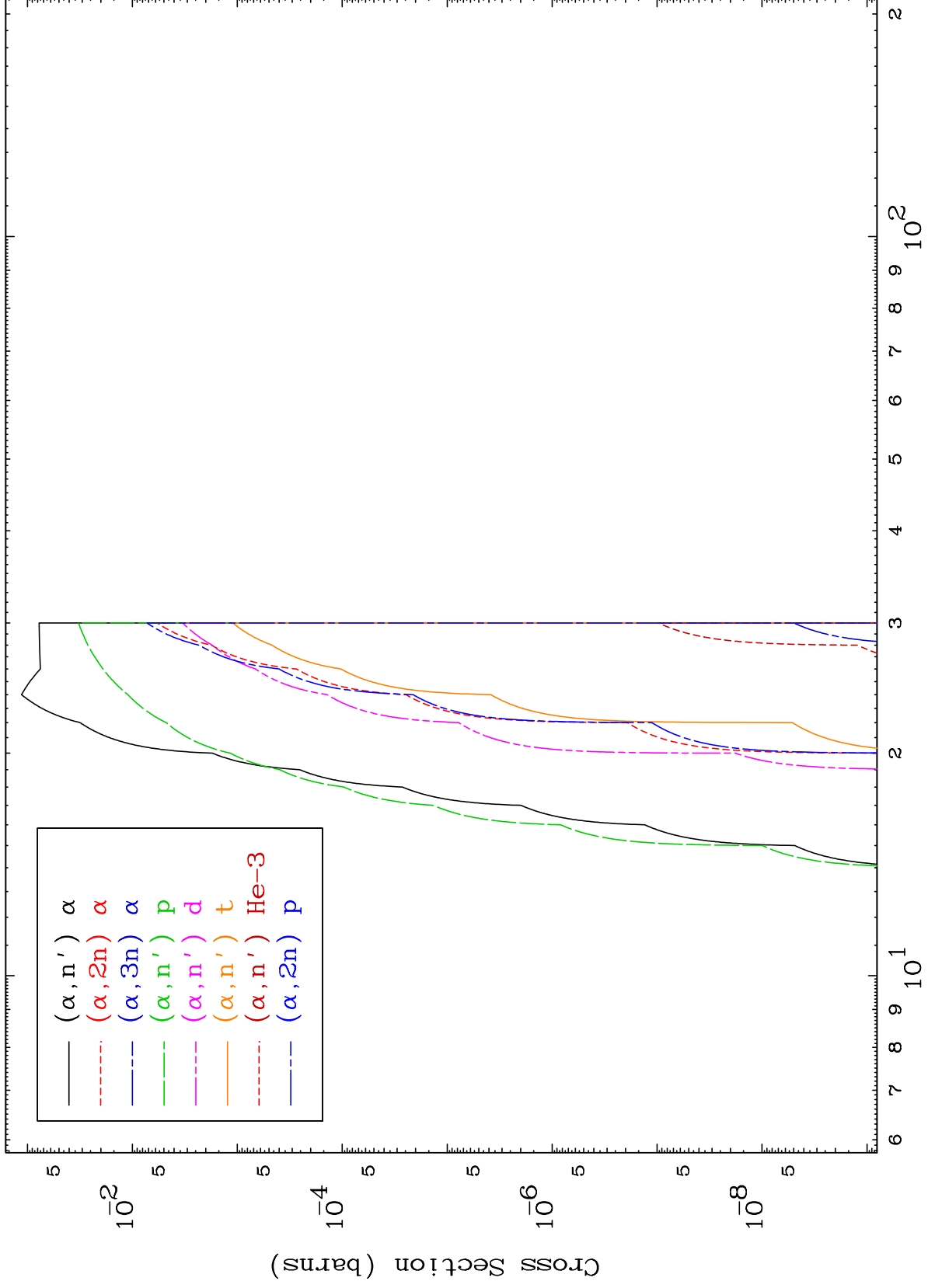


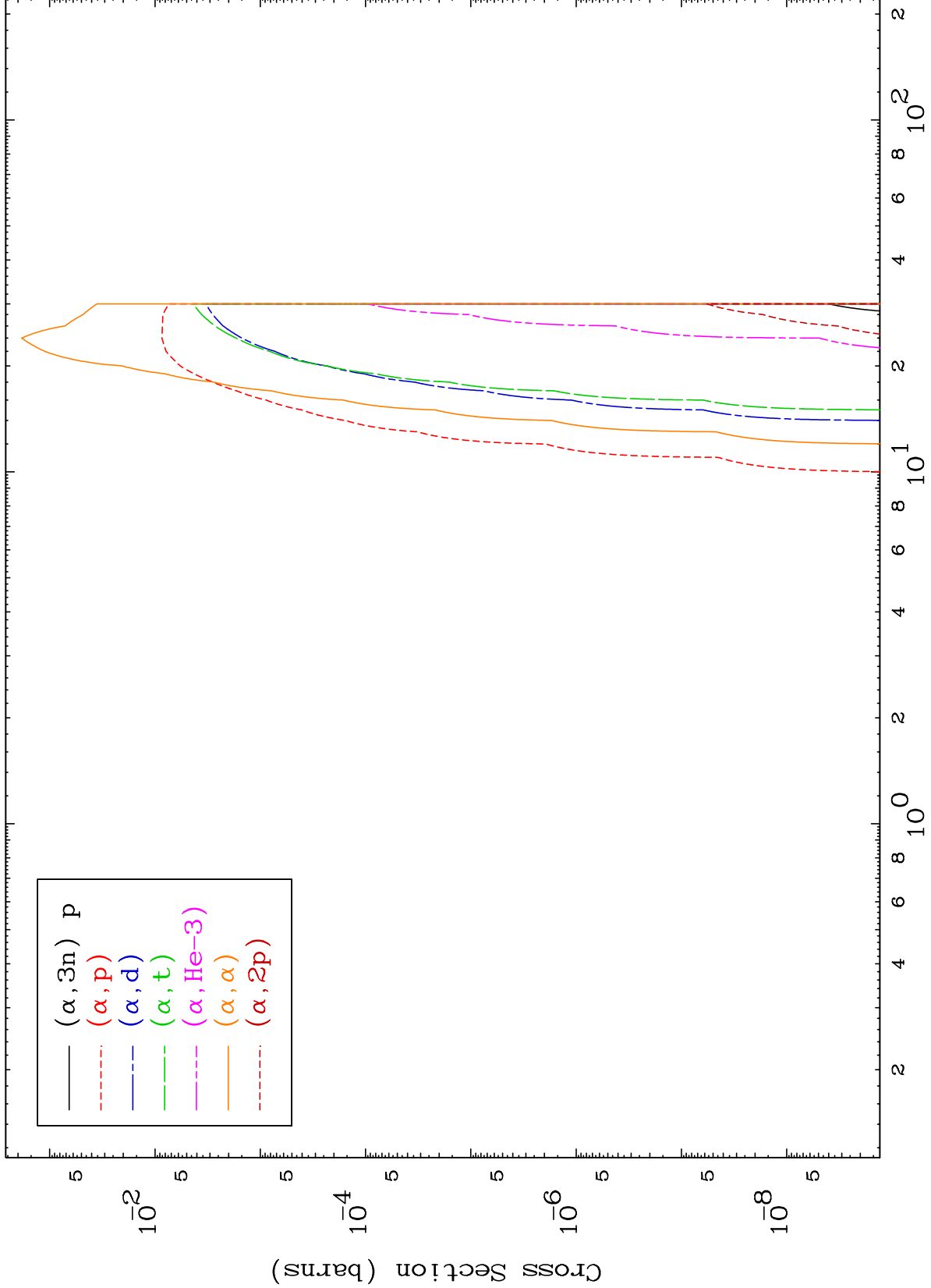
2

Incident Energy (MeV)

50-Sn-128



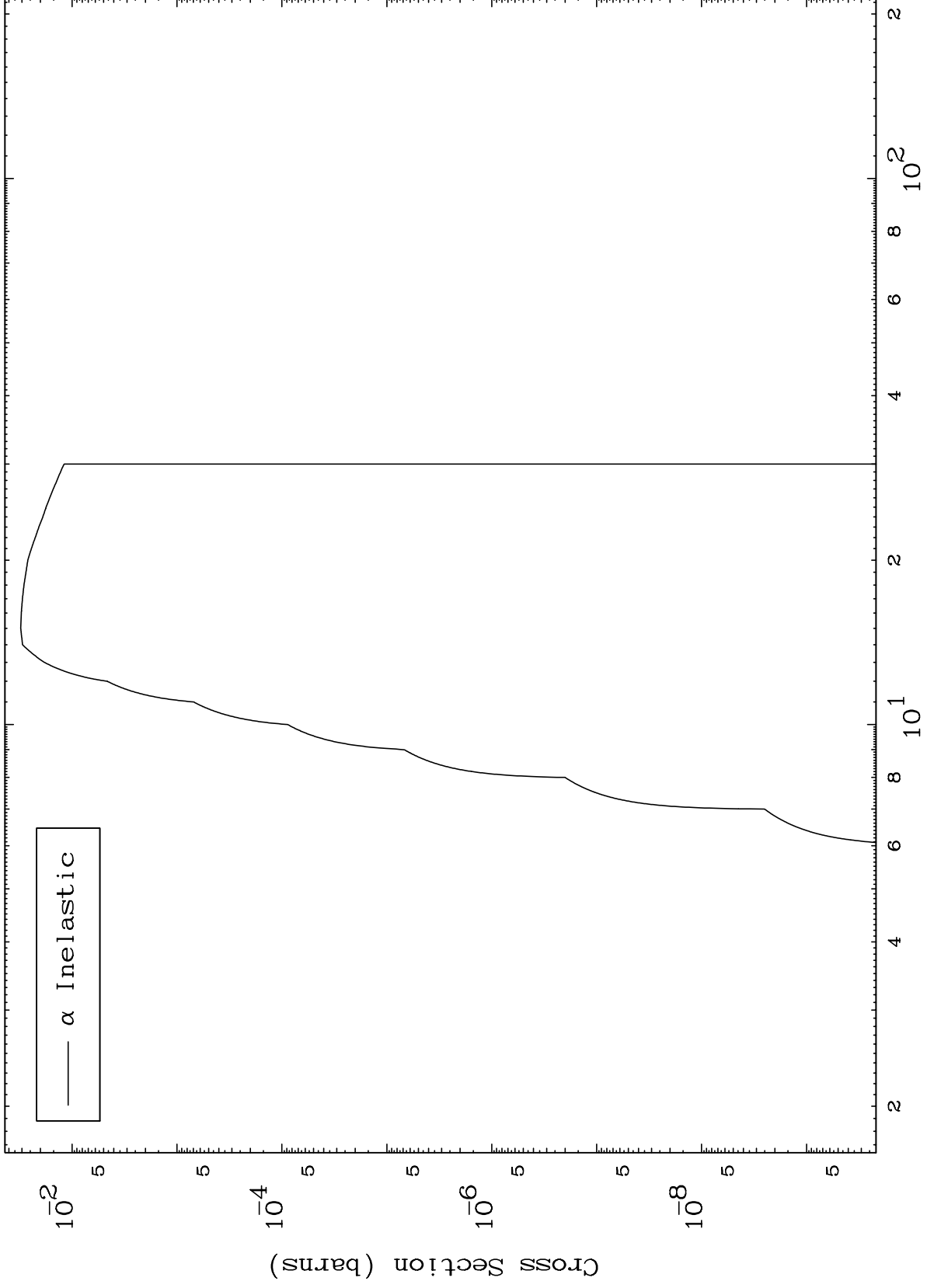




MAT 5074

(α, n') Level
0 Kelvin Cross Sections

50-Sn-128



6

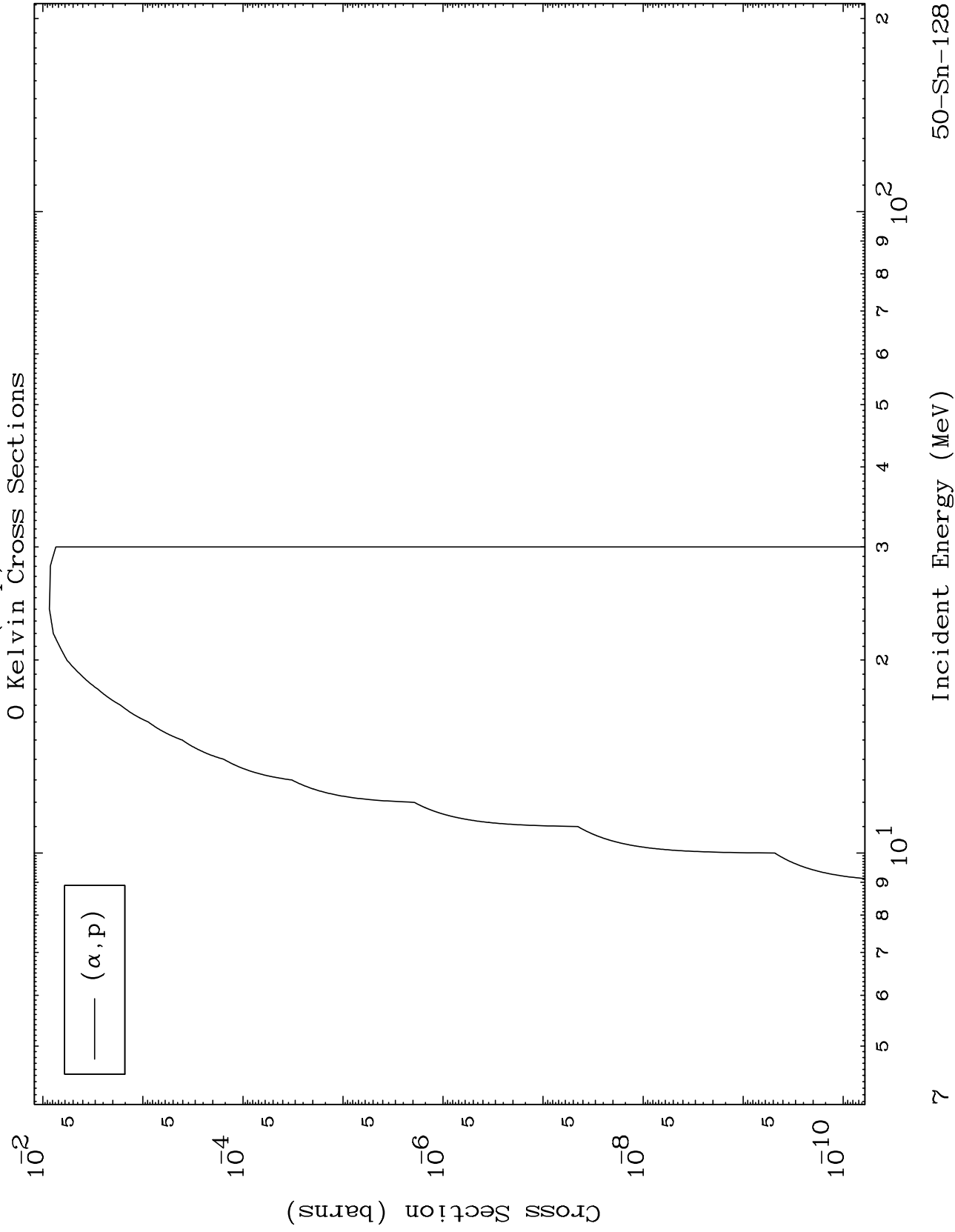
Incident Energy (MeV)

50-Sn-128

MAT 5074

(α, p) Levels

50-Sn-128

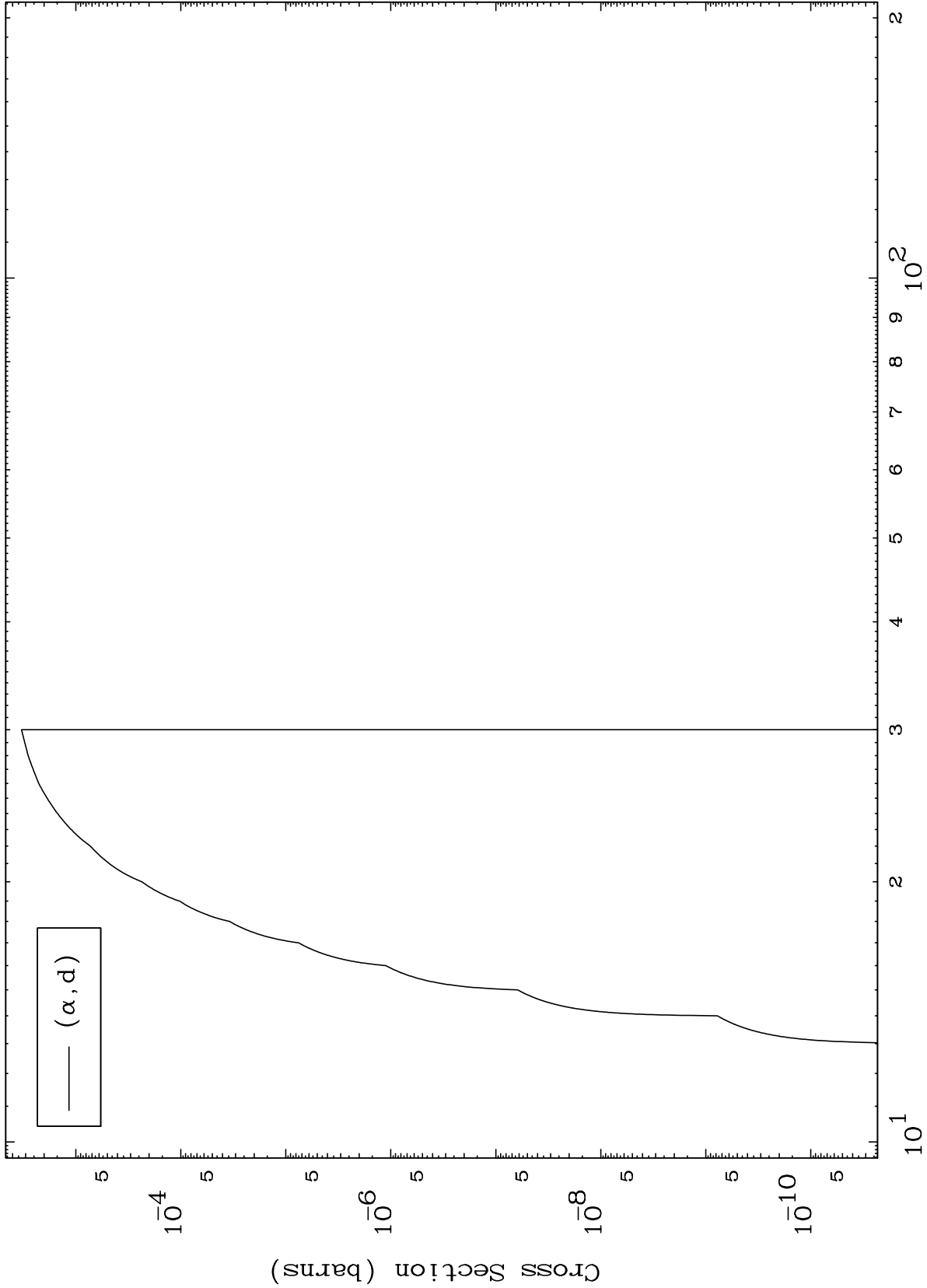


MAT 5074

(α, d) Levels

50-Sn-128

0 Kelvin Cross Sections



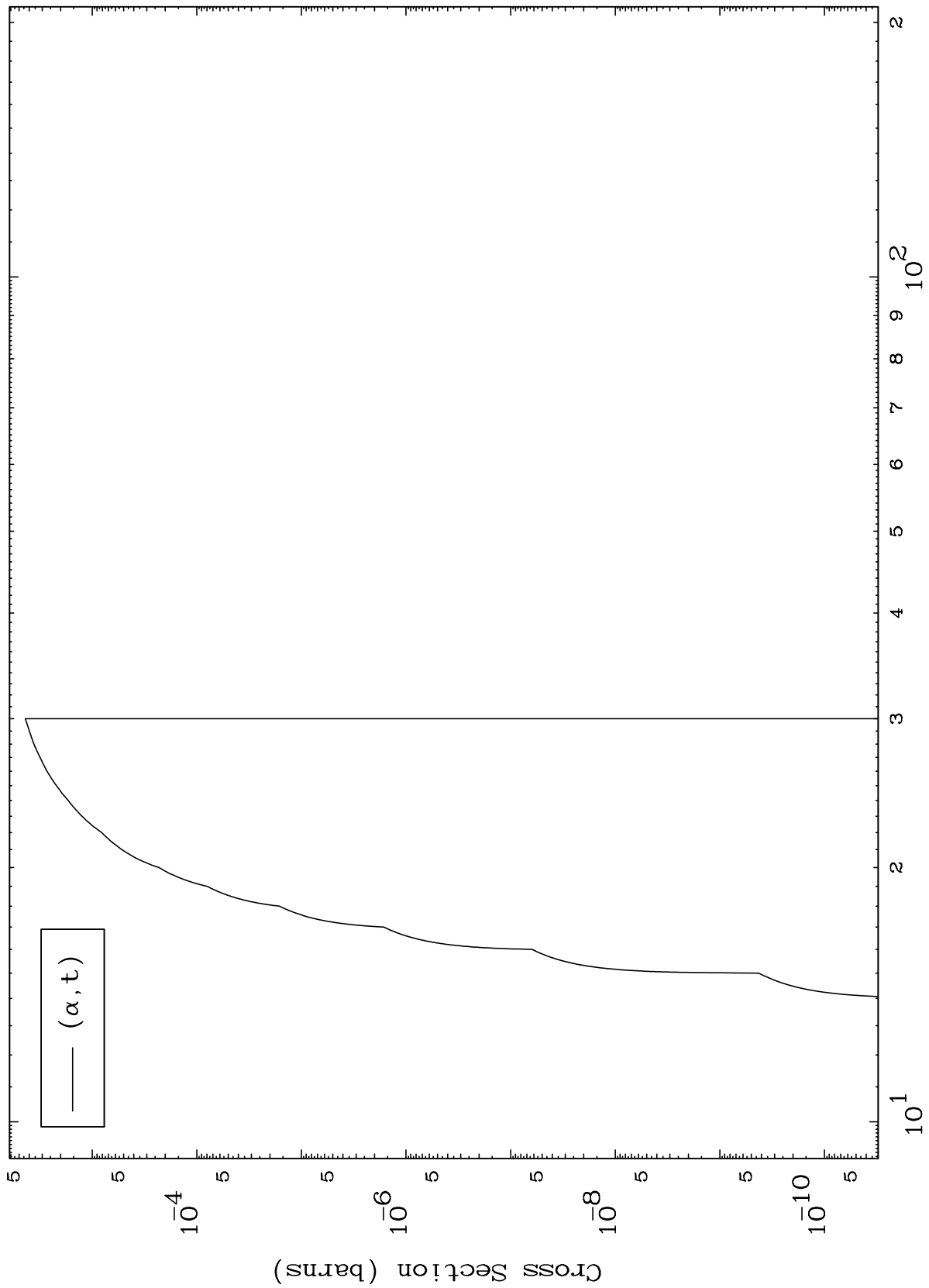
Incident Energy (MeV)

50-Sn-128

MAT 5074

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-128



Incident Energy (MeV)

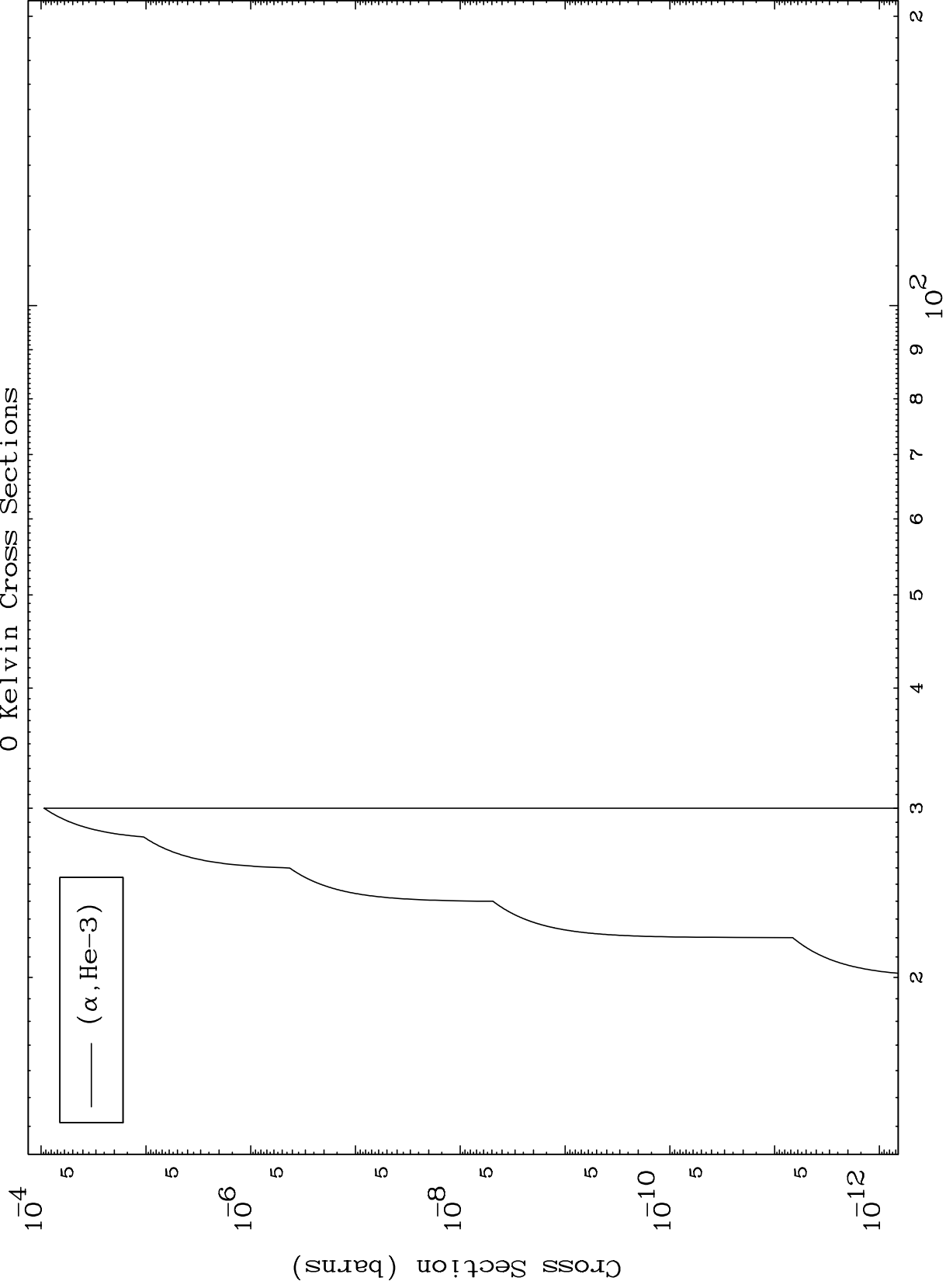
50-Sn-128

MAT 5074

(α , He3) Levels

50-Sn-128

0 Kelvin Cross Sections



10

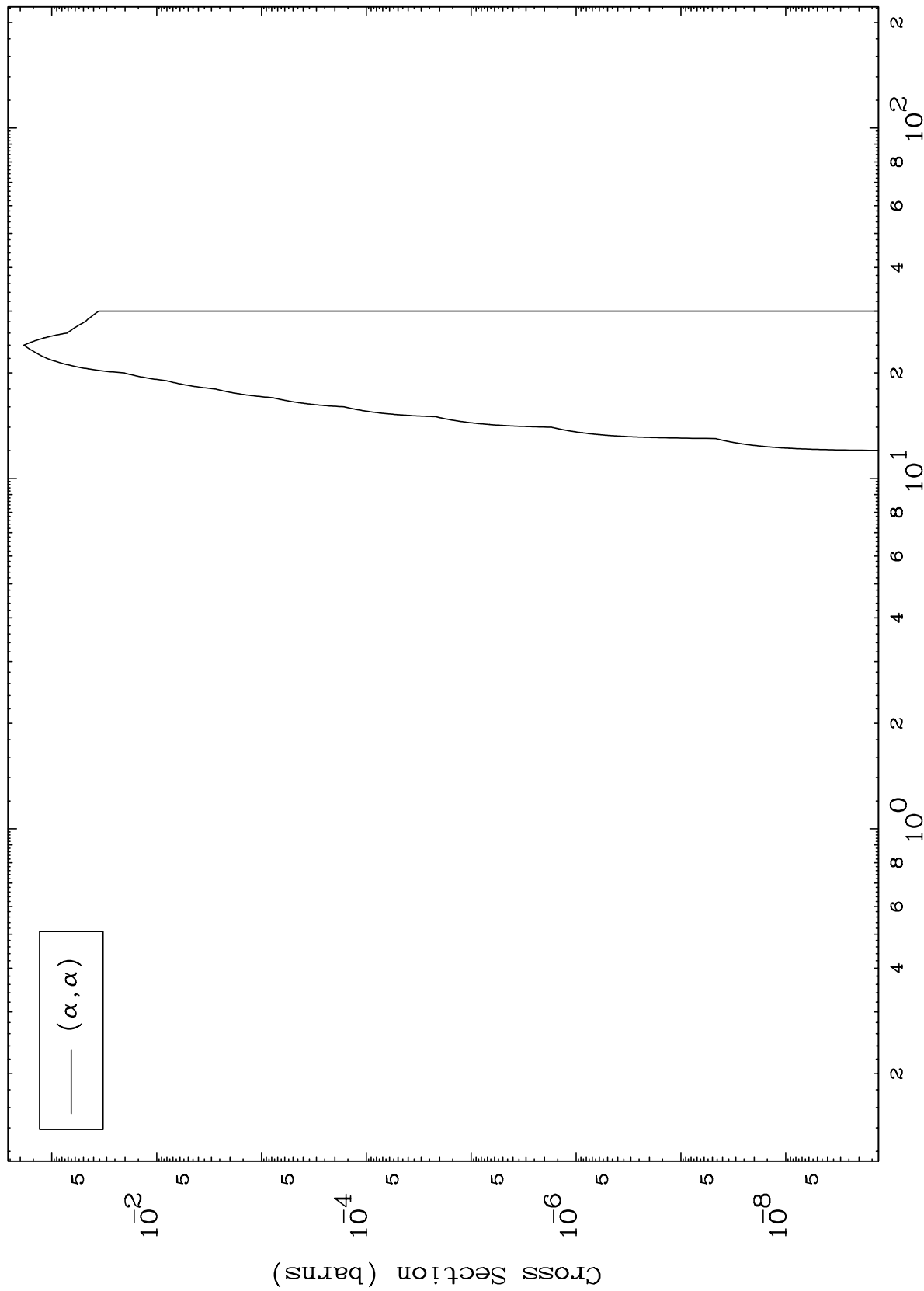
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

(α, α) Levels
0 Kelvin Cross Sections



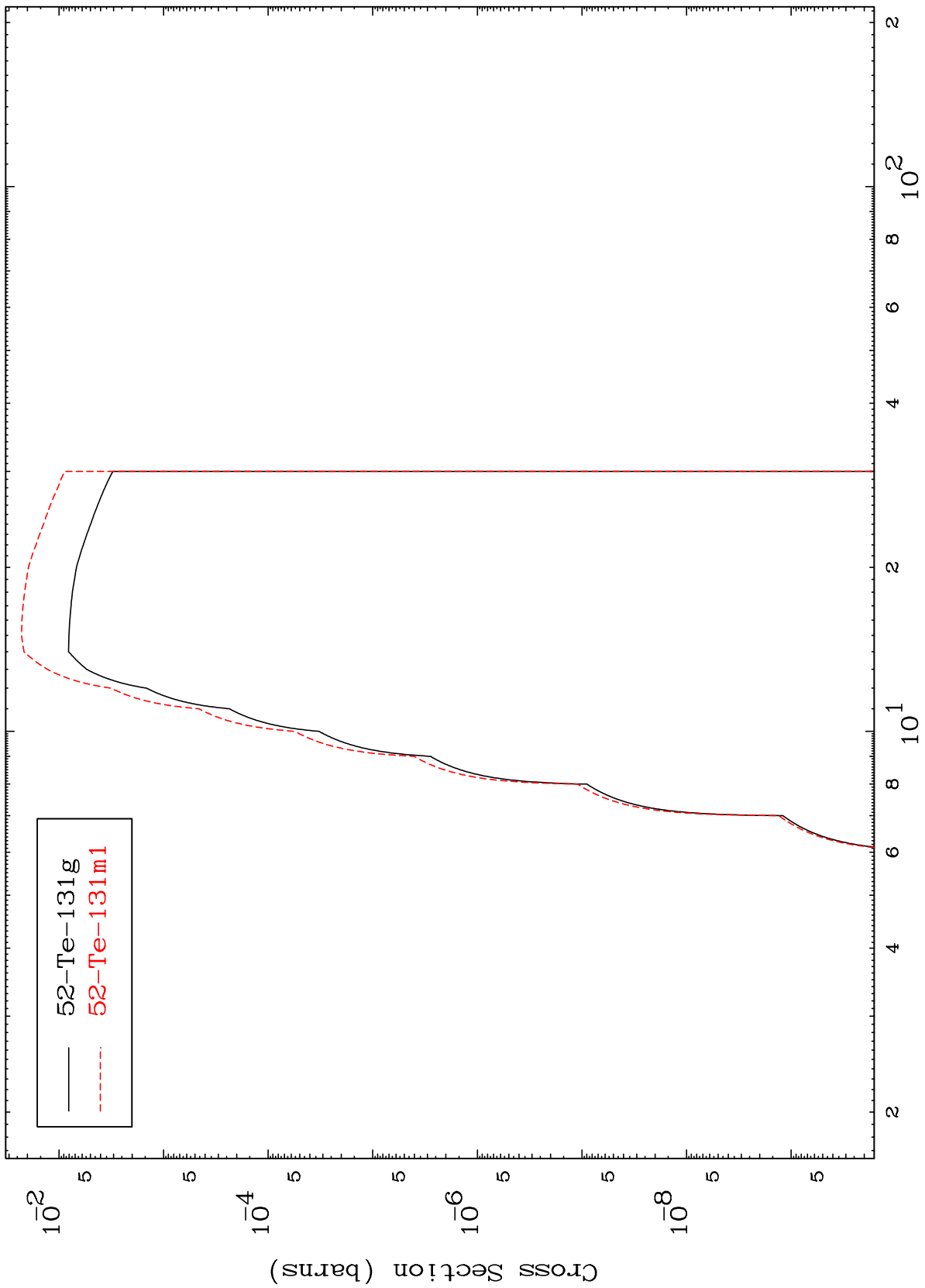
50-Sn-128

Incident Energy (MeV)

MAT 5074

50-Sn-128

Radionuclide Production α Inelastic Cross Section



12

50-Sn-128

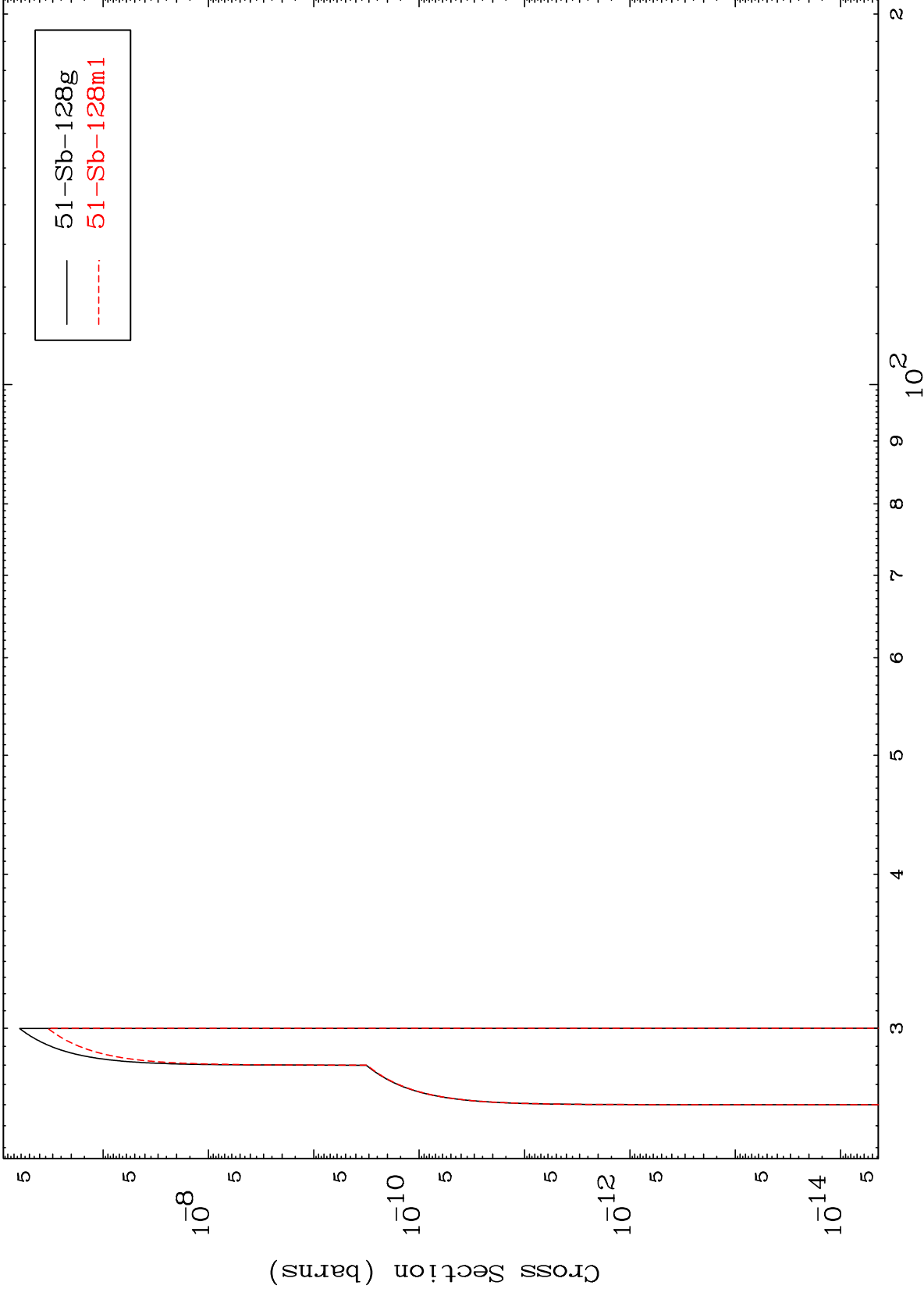
Incident Energy (MeV)

MAT 5074

($\alpha, 2n$) d

50-Sn-128

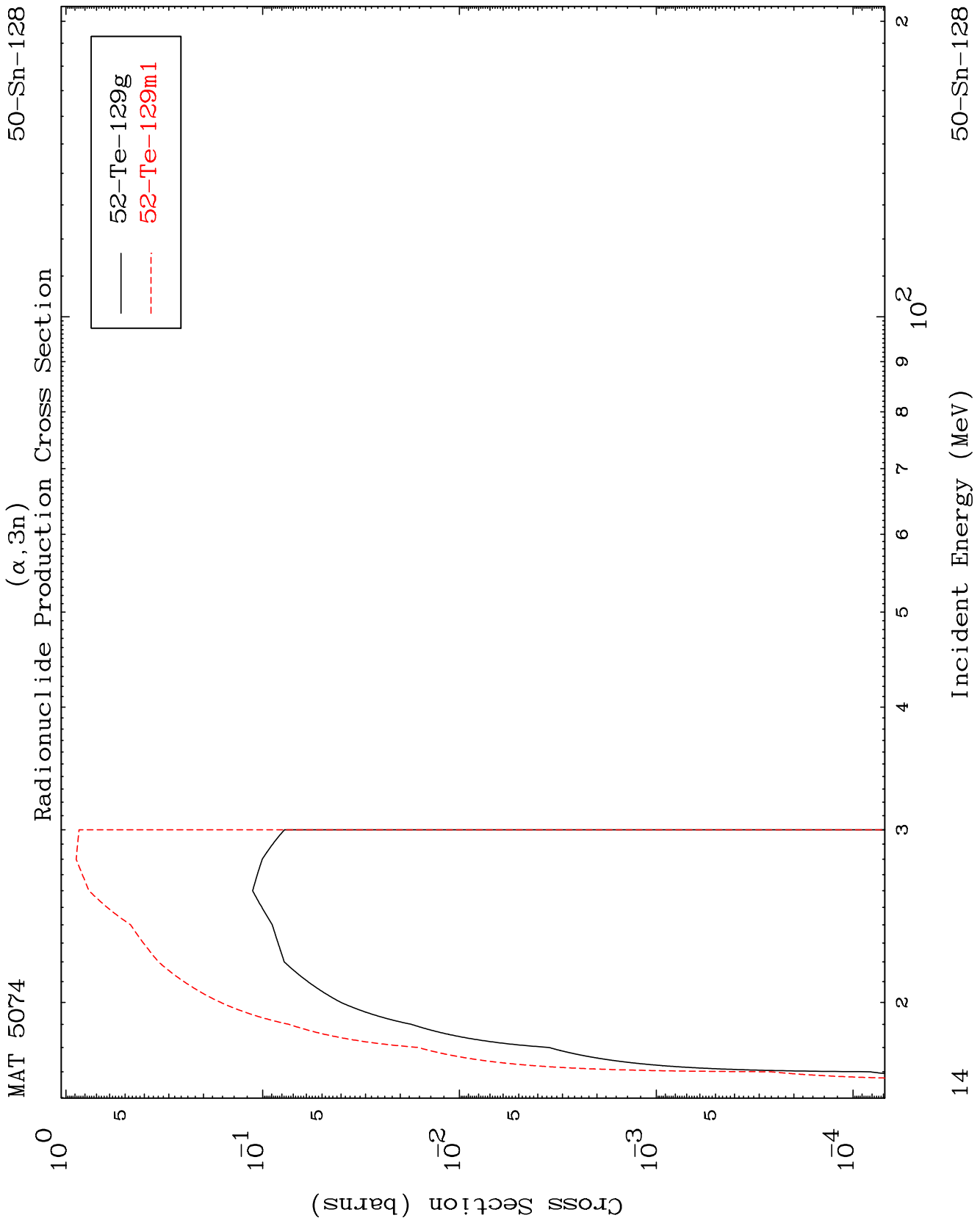
Radionuclide Production Cross Section



13

Incident Energy (MeV)

50-Sn-128

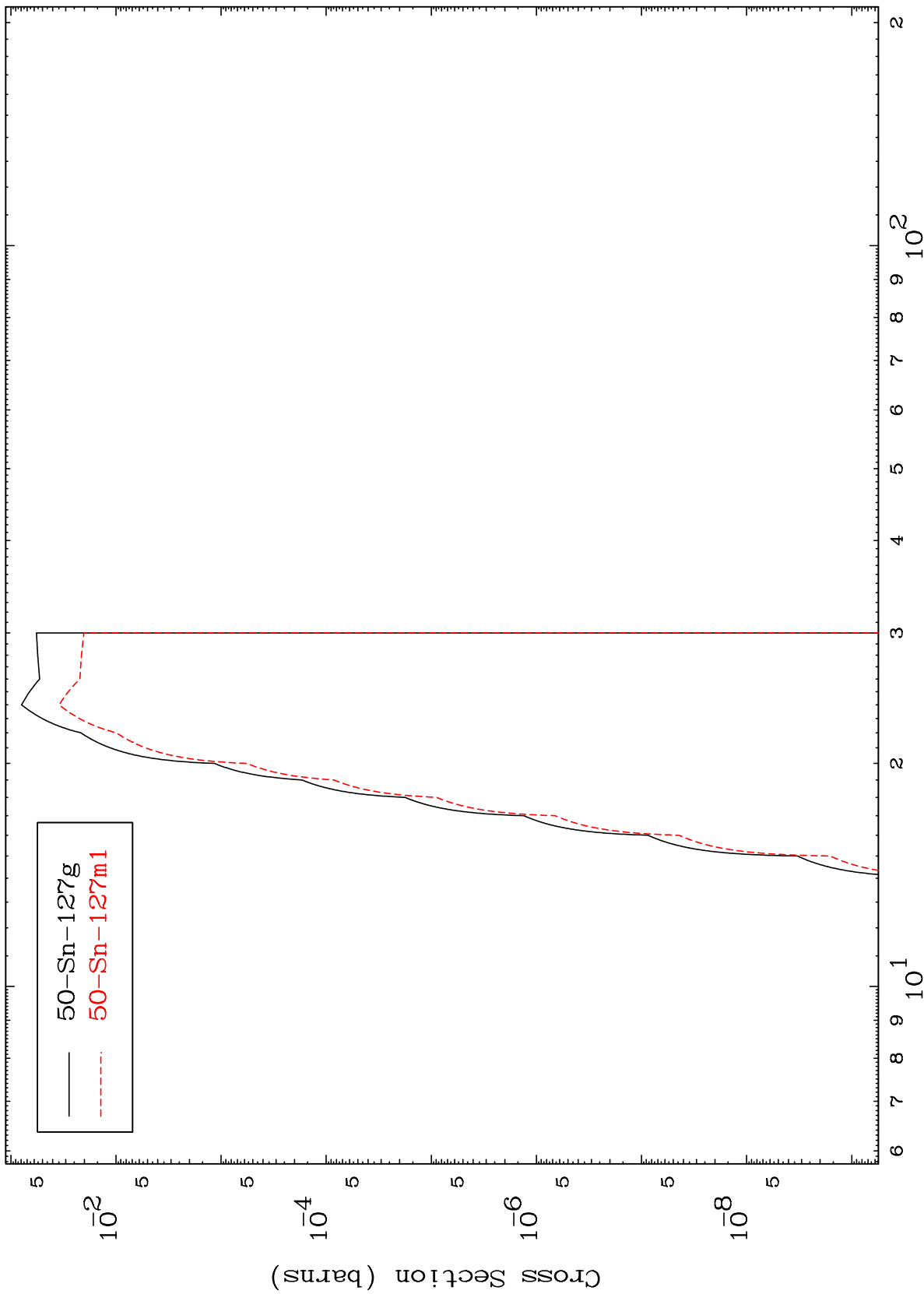


MAT 5074

50-Sn-128

(α, n') α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

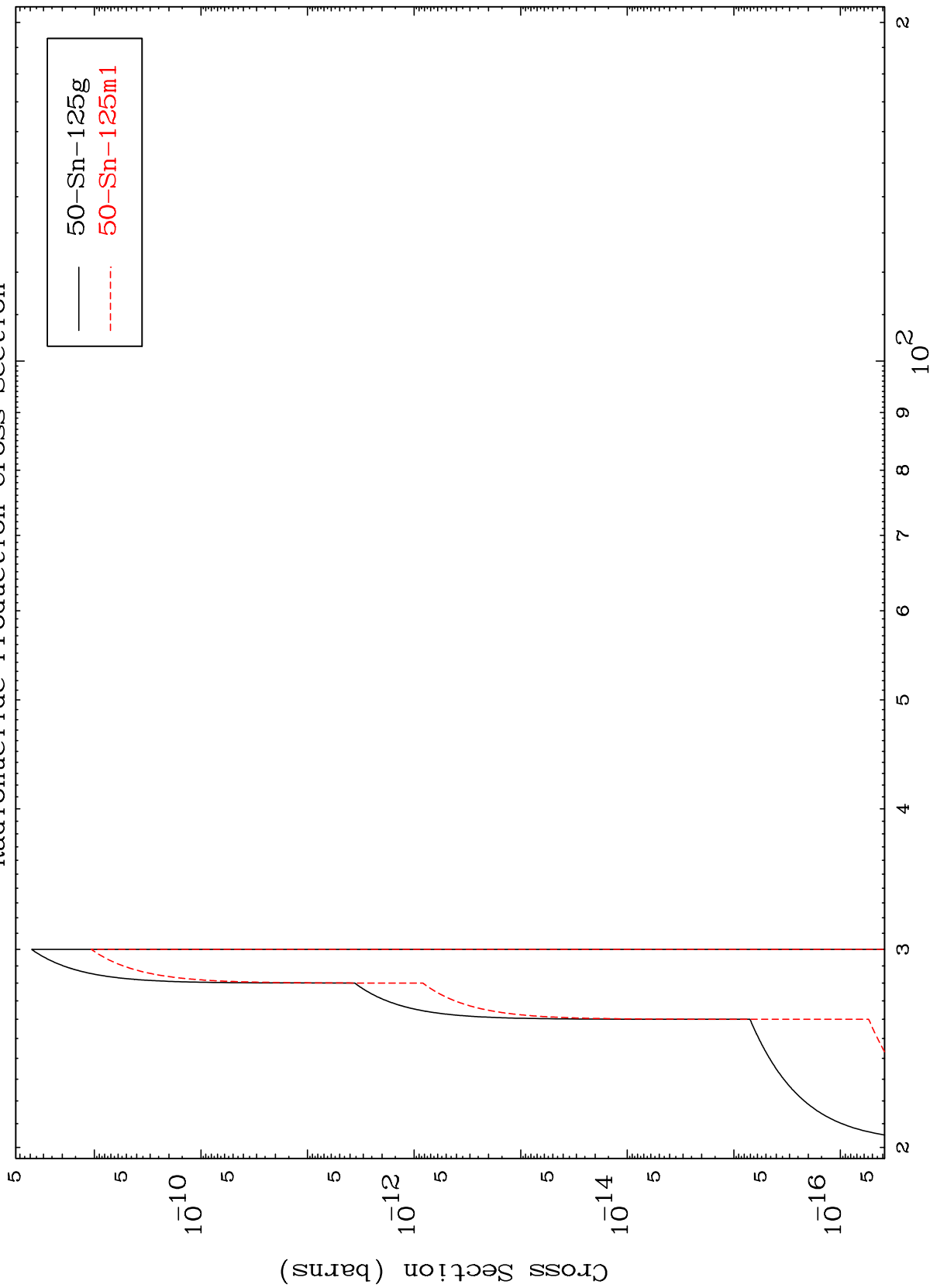
50-Sn-128

MAT 5074

$(\alpha, 3n) \alpha$

50-Sn-128

Radionuclide Production Cross Section



50-Sn-128

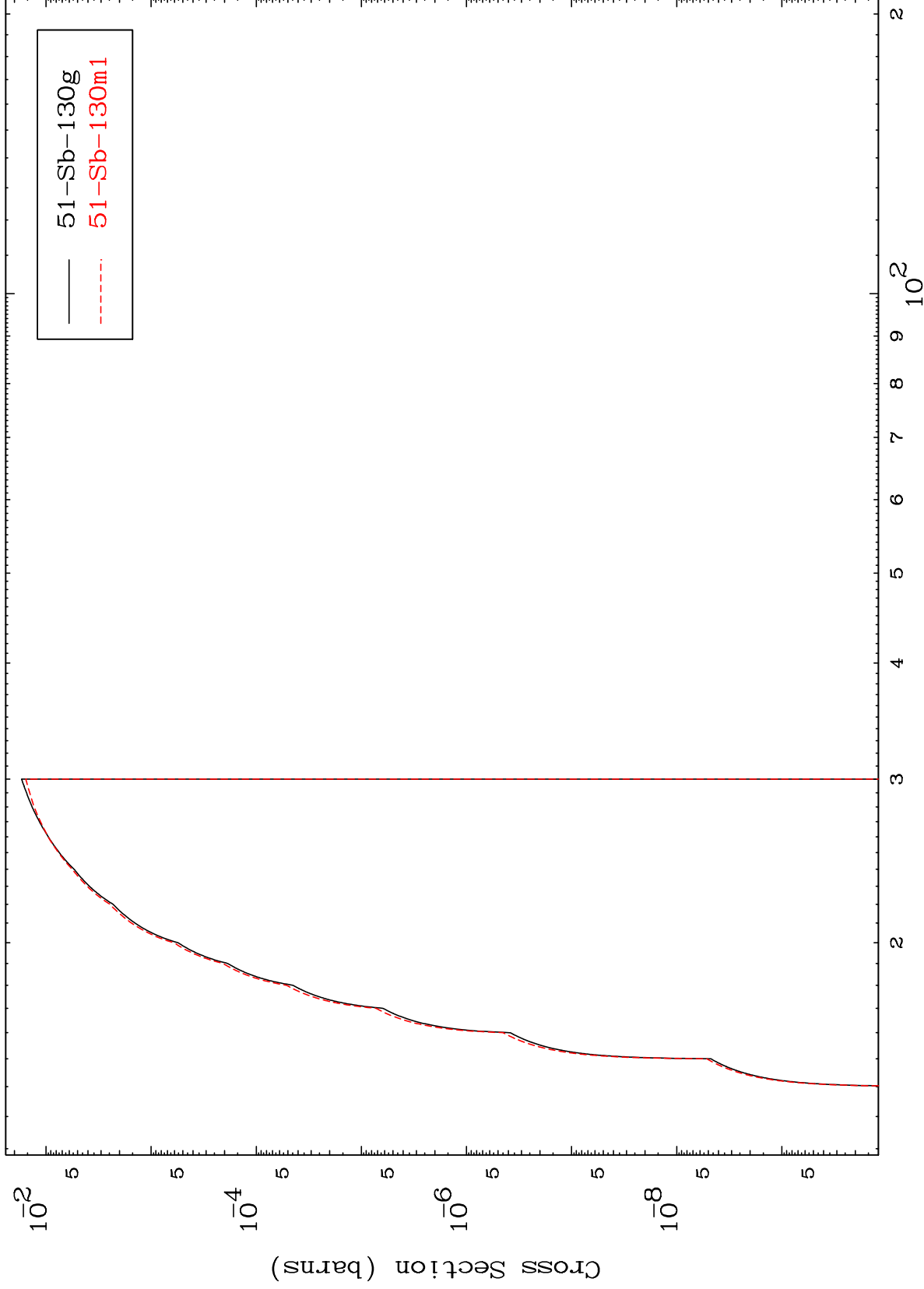
Incident Energy (MeV)

16

MAT 5074

50-Sn-128

(α, n') p
Radionuclide Production Cross Section

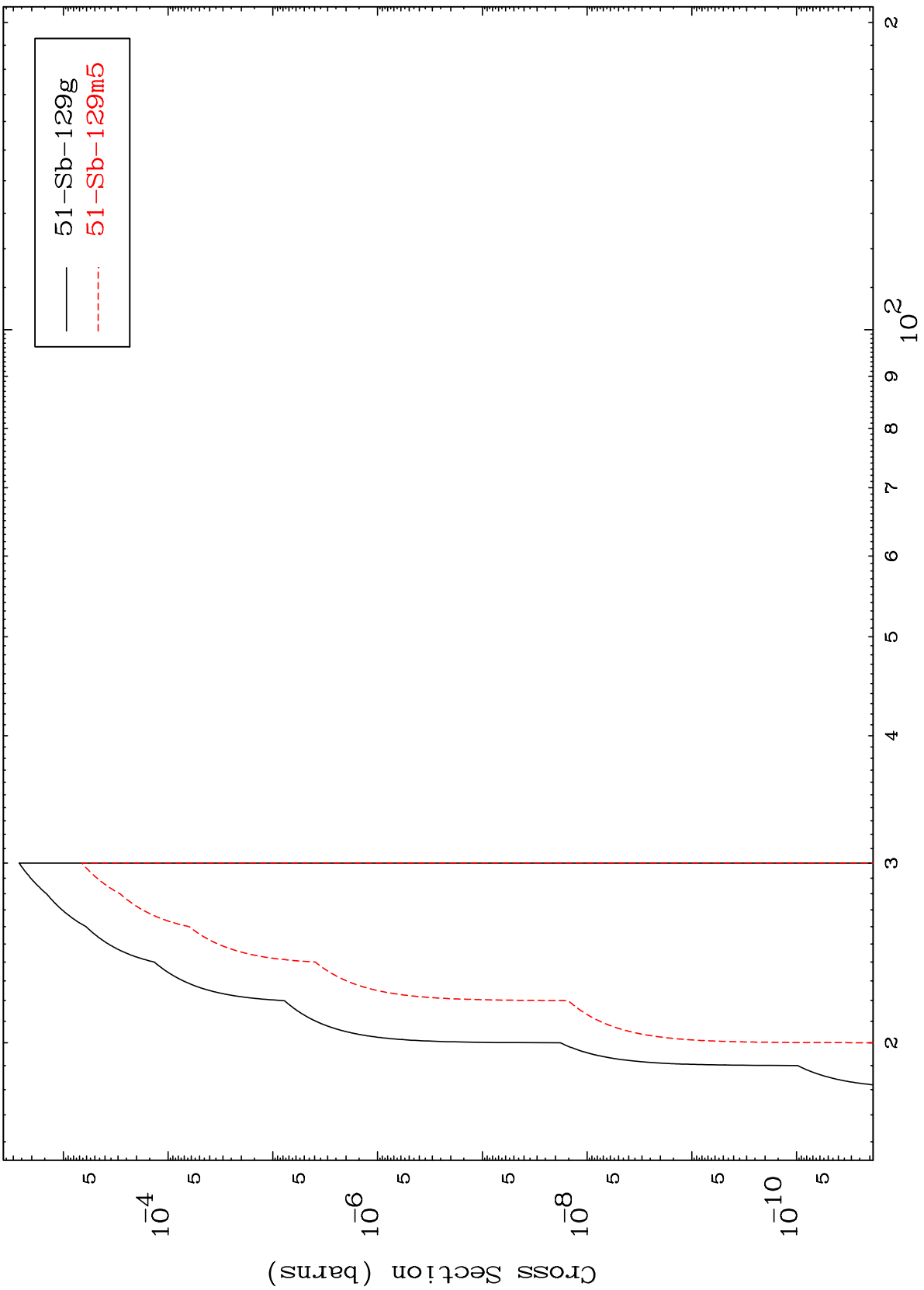


17

Incident Energy (MeV)

50-Sn-128

(α, n') d
Radionuclide Production Cross Section

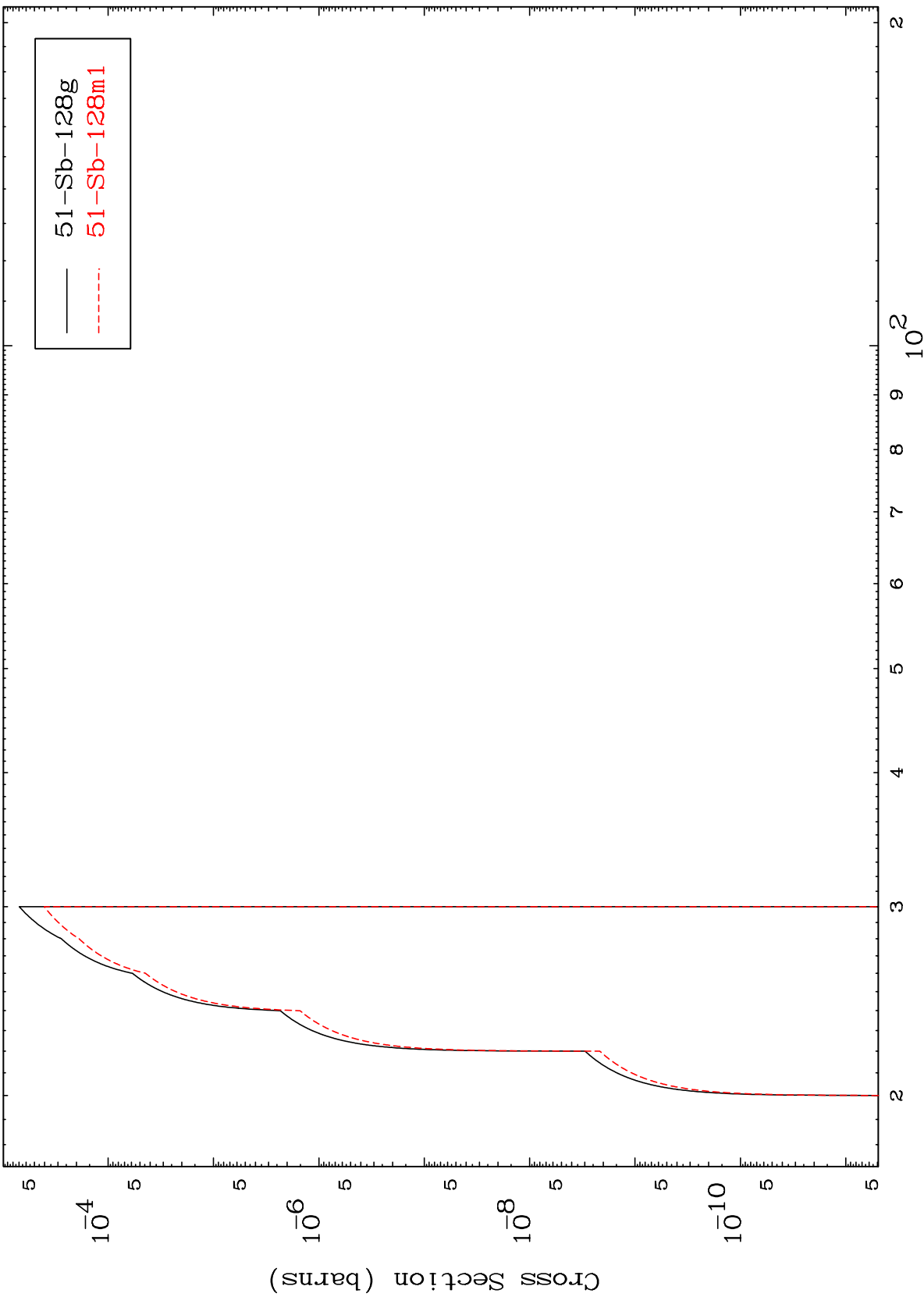


MAT 5074

(α, n') t

50-Sn-128

Radionuclide Production Cross Section

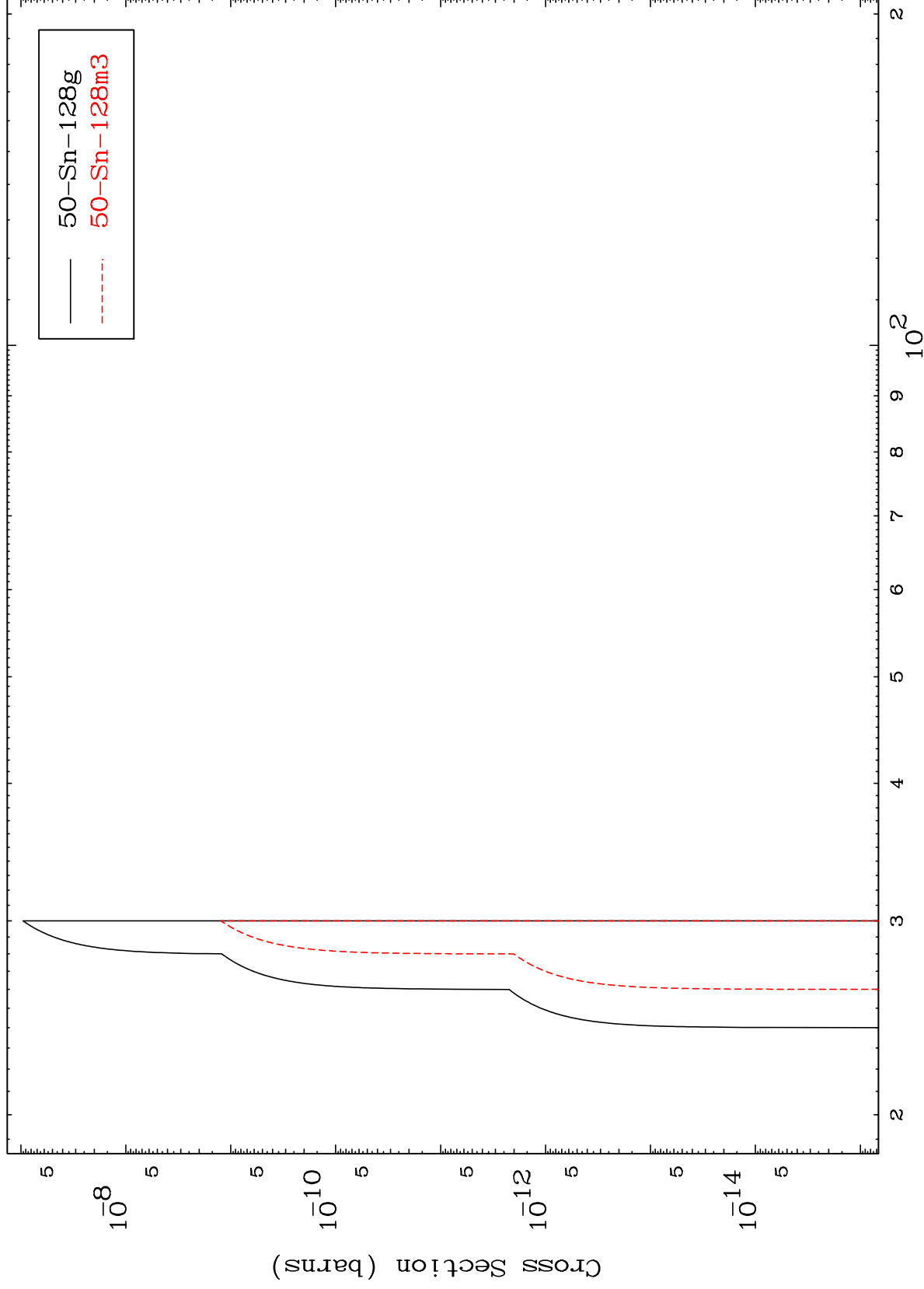


MAT 5074

(α, n') He-3

50-Sn-128

Radionuclide Production Cross Section



20

Incident Energy (MeV)

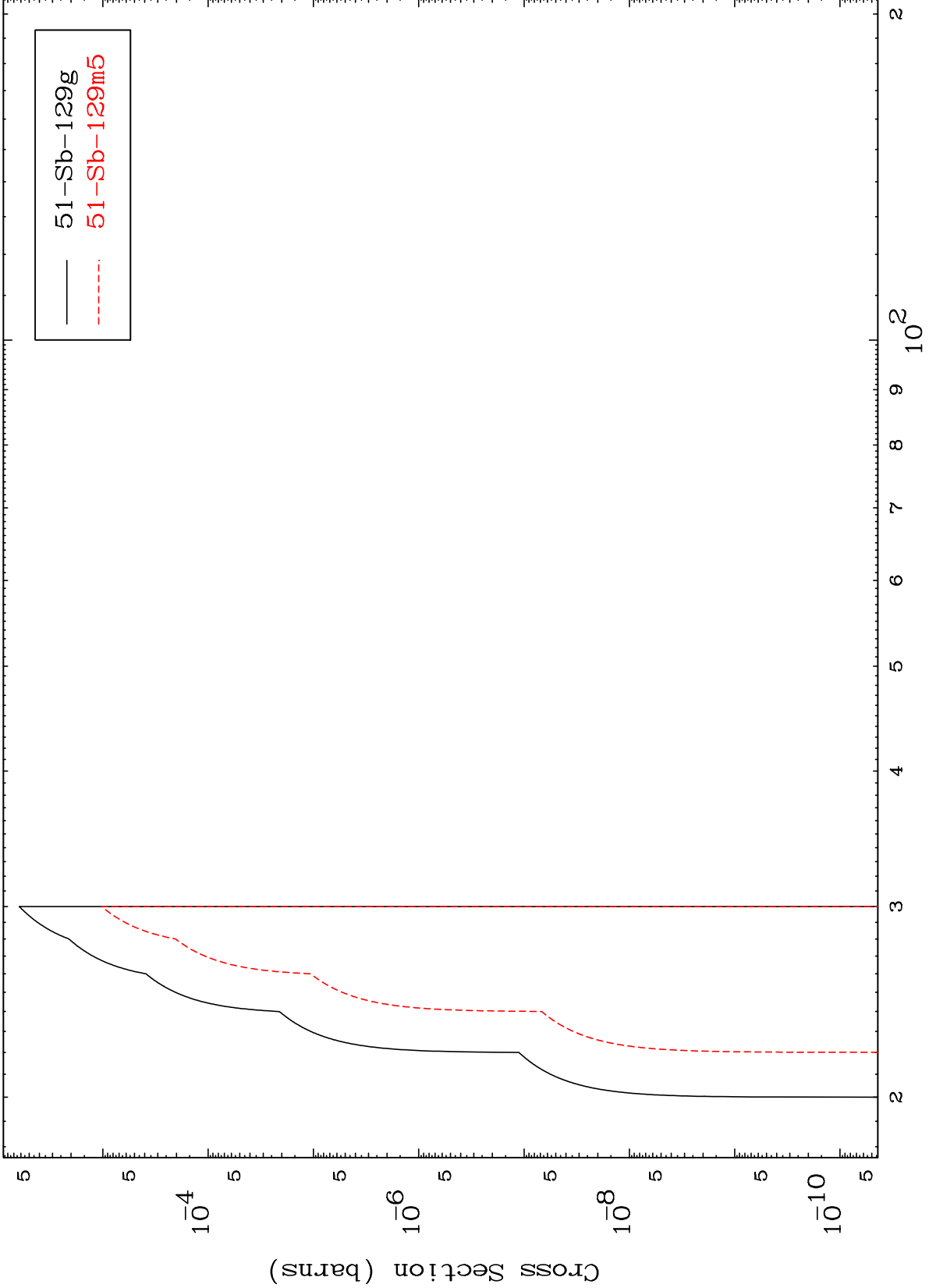
50-Sn-128

MAT 5074

($\alpha, 2n$) p

50-Sn-128

Radionuclide Production Cross Section



21

Incident Energy (MeV)

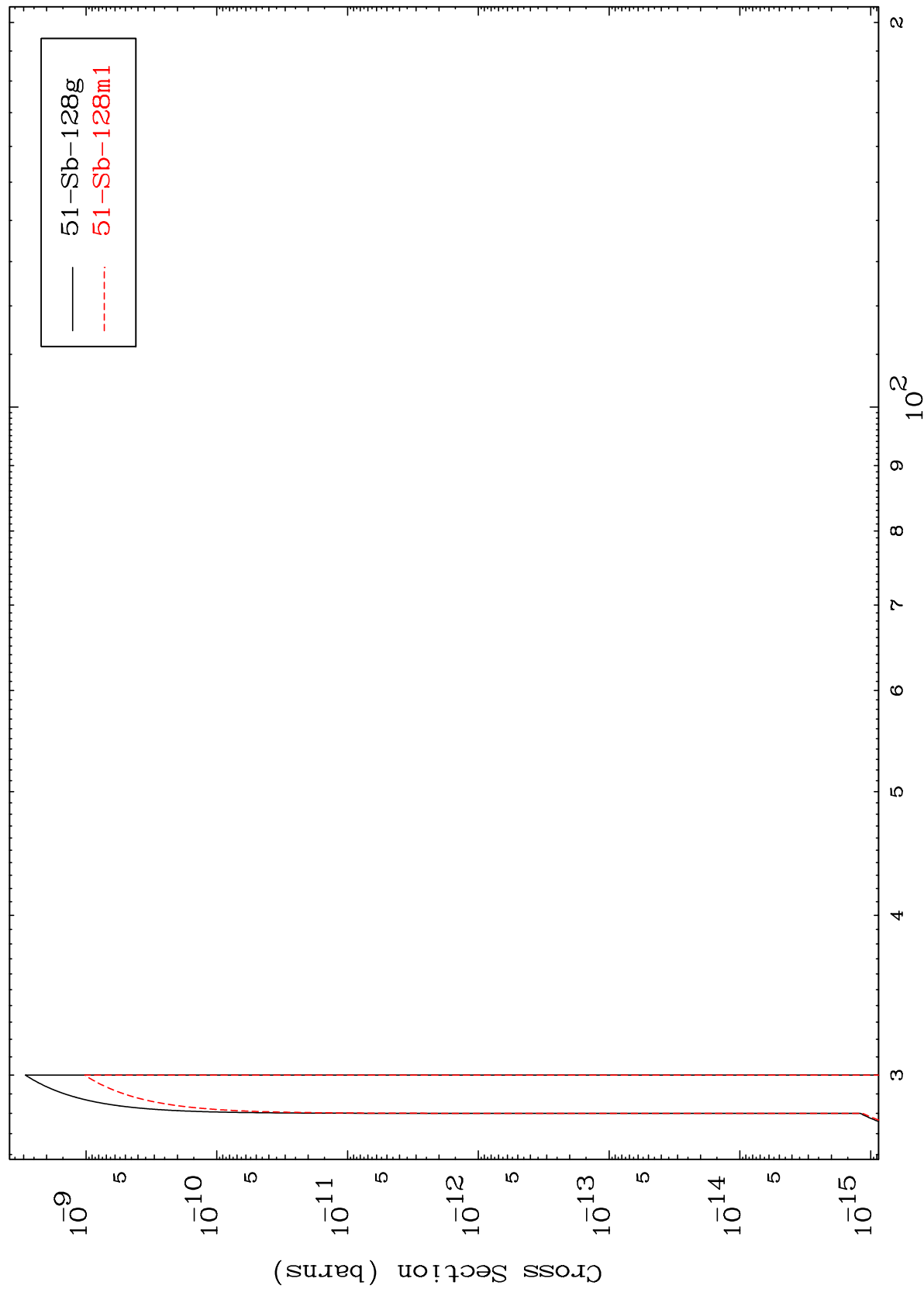
50-Sn-128

MAT 5074

($\alpha, 3n$) p

50-Sn-128

Radionuclide Production Cross Section



22

Incident Energy (MeV)

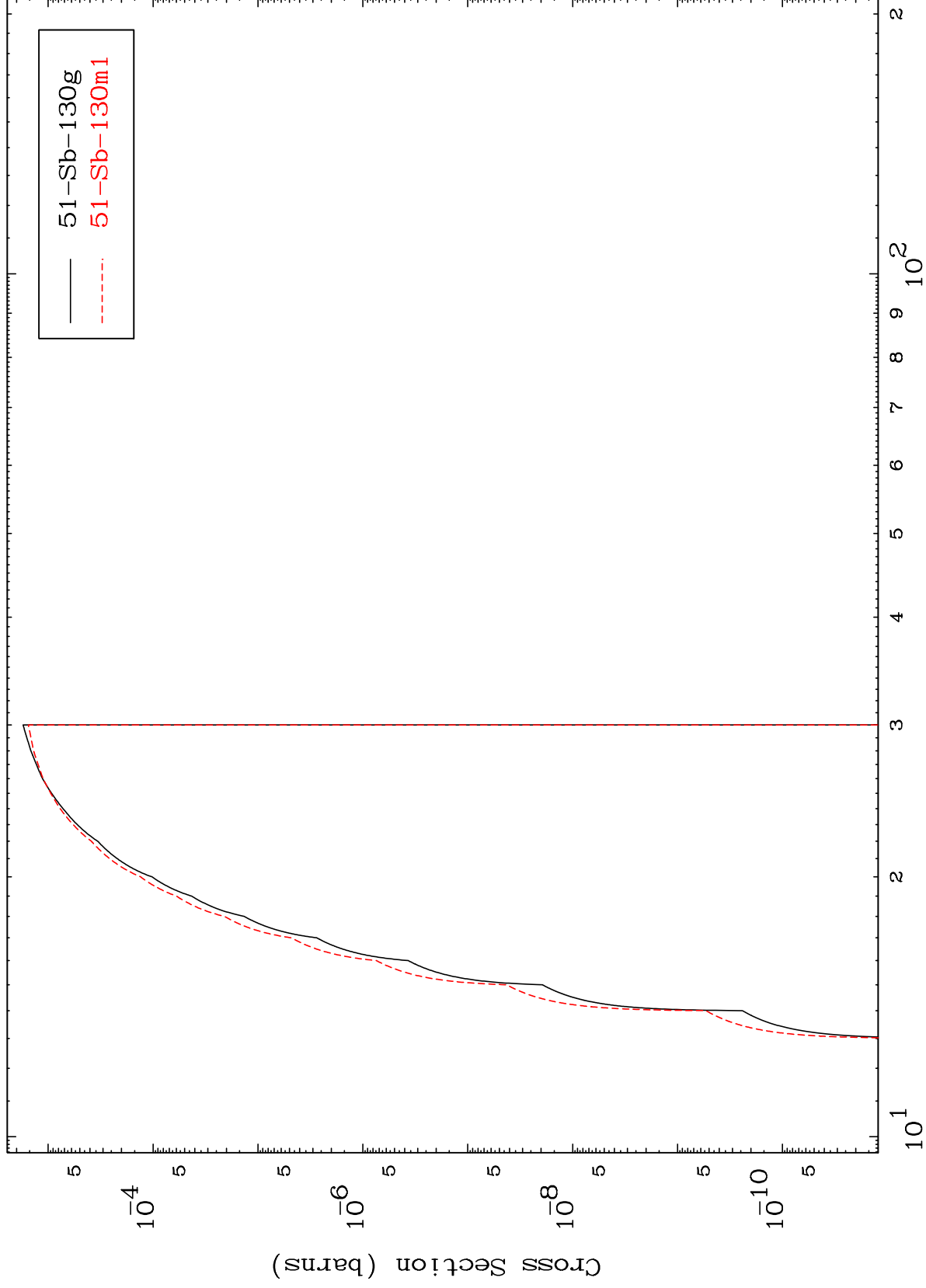
50-Sn-128

MAT 5074

(α, d)

50-Sn-128

Radionuclide Production Cross Section



23

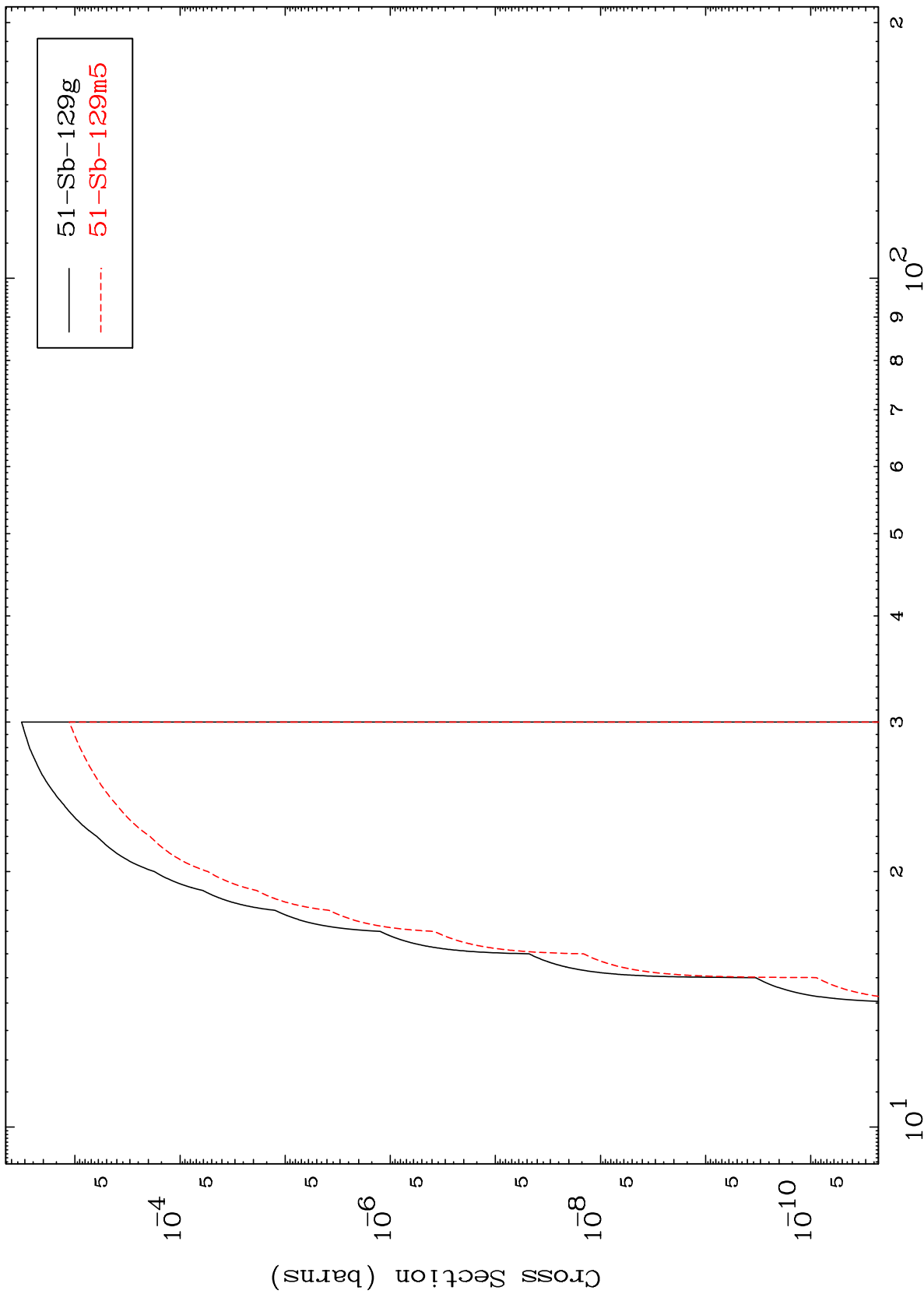
Incident Energy (MeV)

50-Sn-128

MAT 5074

50-Sn-128

(α, t)
Radionuclide Production Cross Section



50-Sn-128

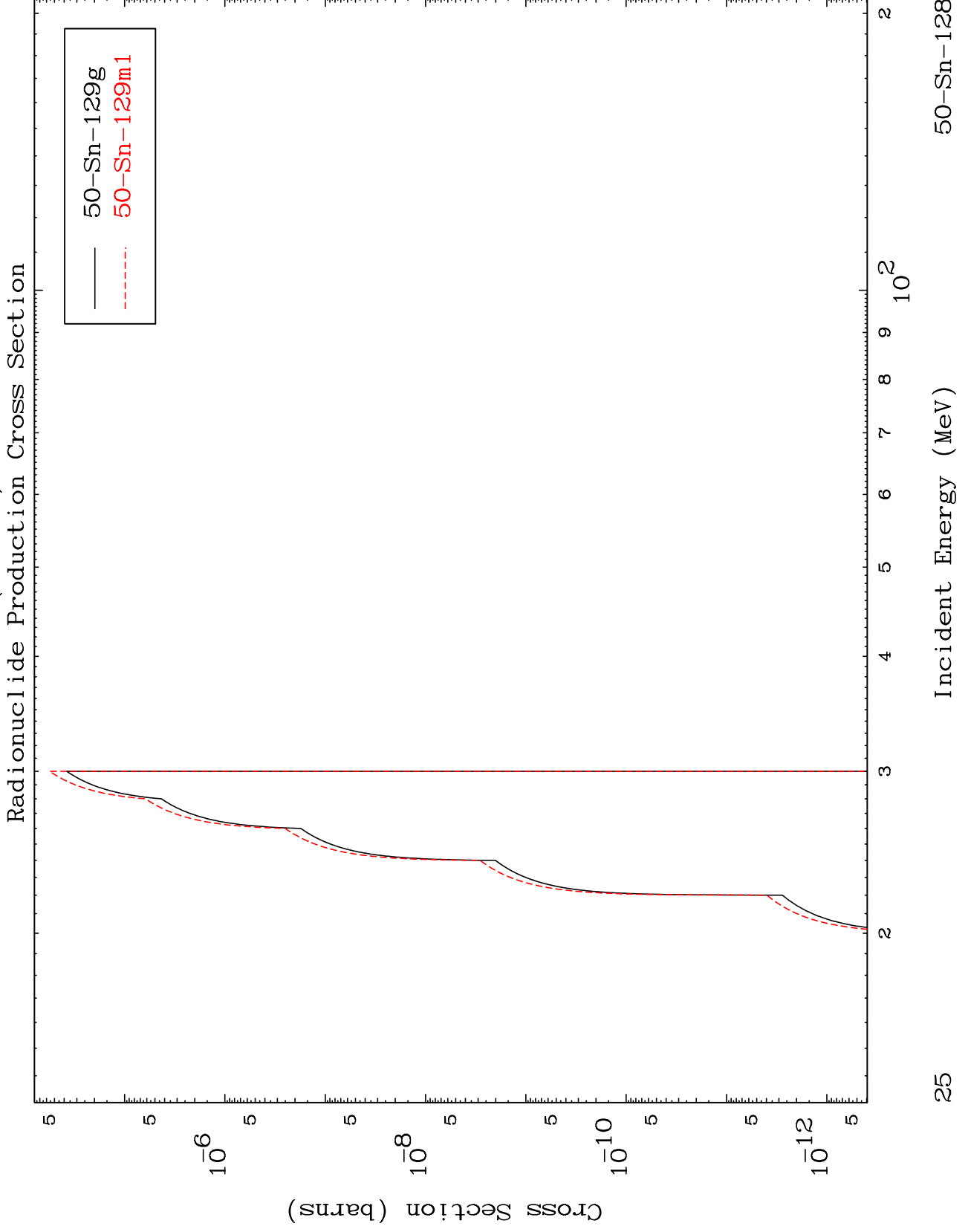
Incident Energy (MeV)

24

MAT 5074

(α ,He-3)

50-Sn-128



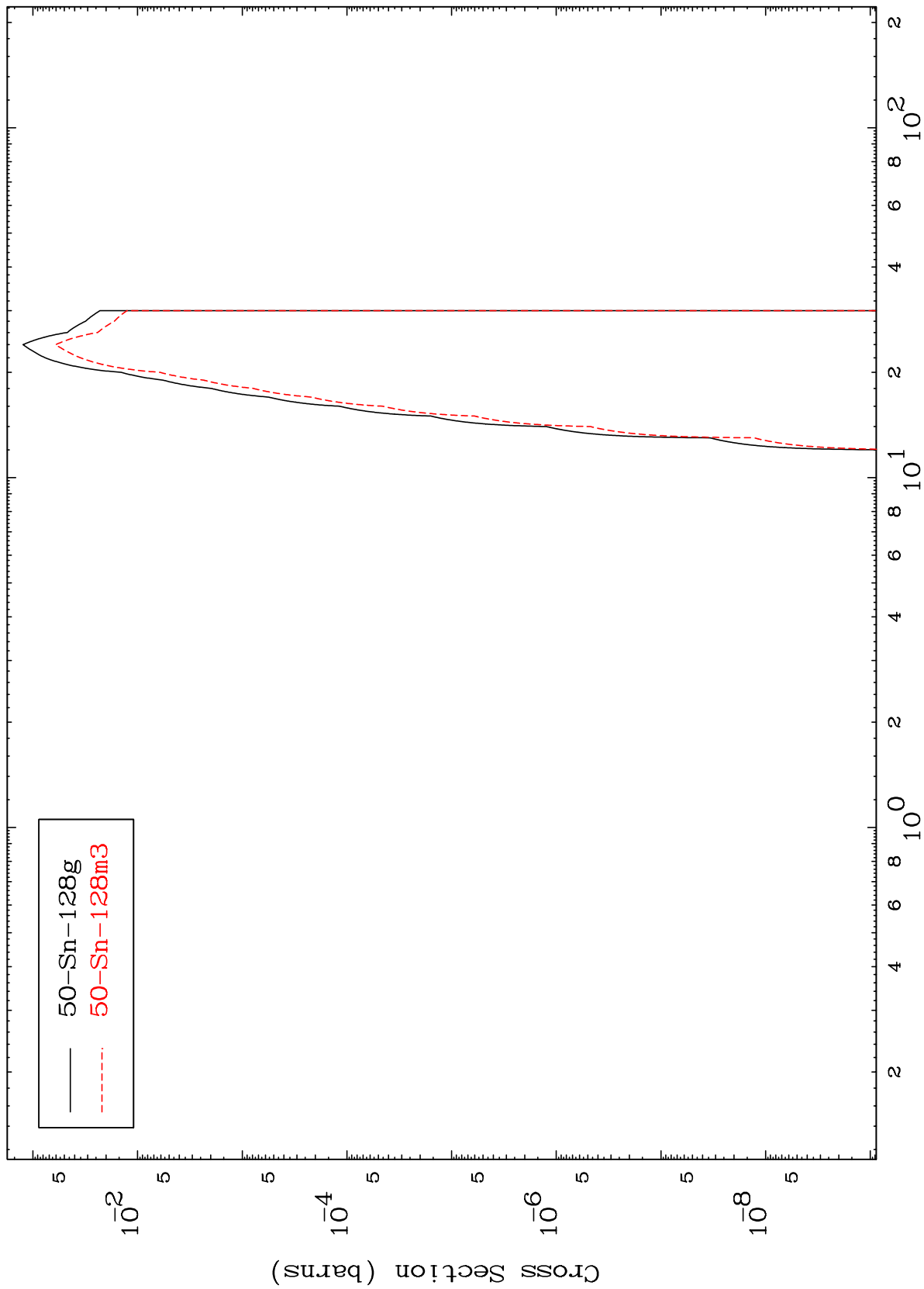
25

50-Sn-128

MAT 5074

50-Sn-128

Radionuclide Production Cross Section
(α, α)



26

50-Sn-128

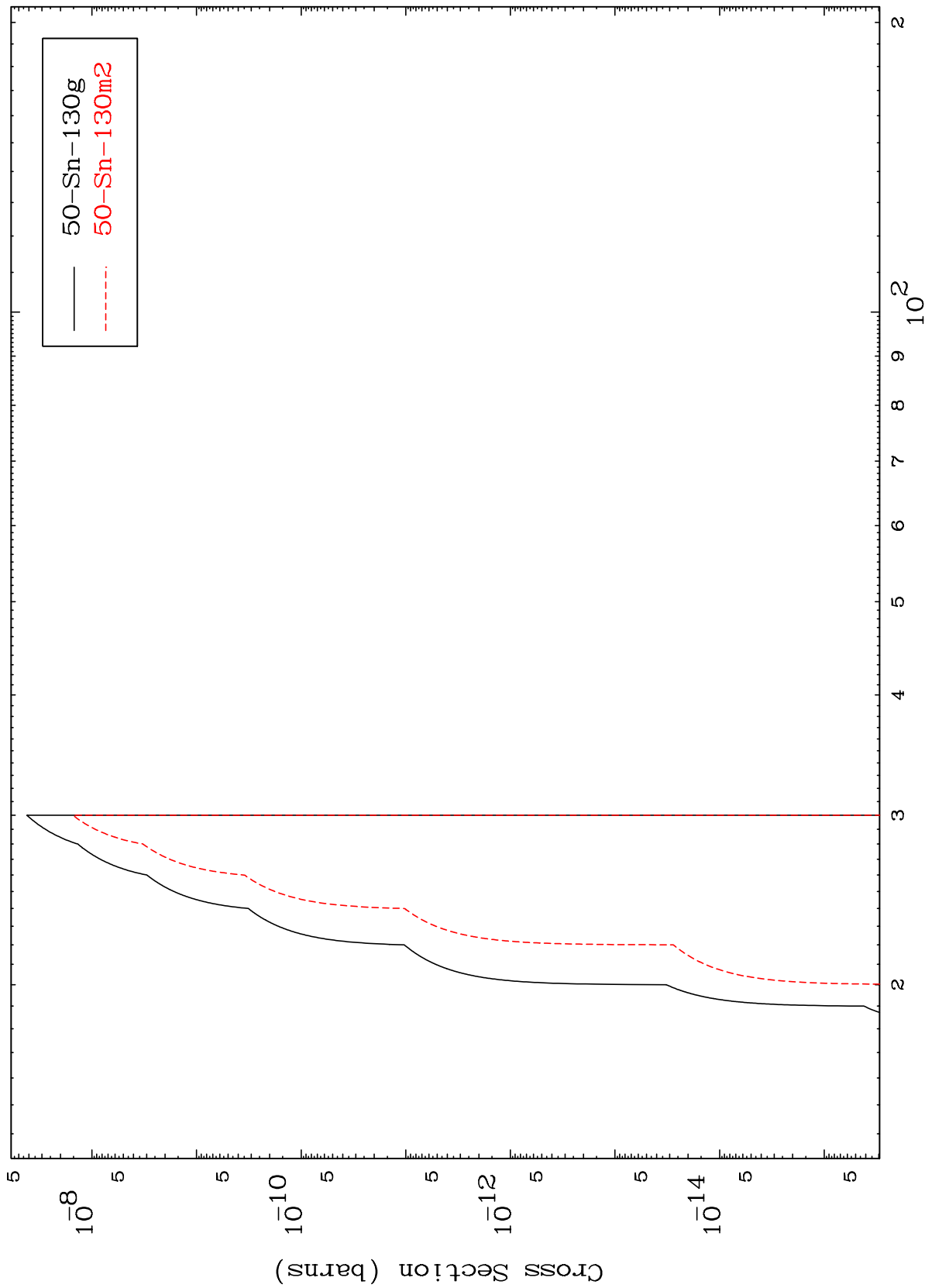
Incident Energy (MeV)

MAT 5074

50-Sn-128

($\alpha, 2p$)

Radionuclide Production Cross Section



27

Incident Energy (MeV)

50-Sn-128