

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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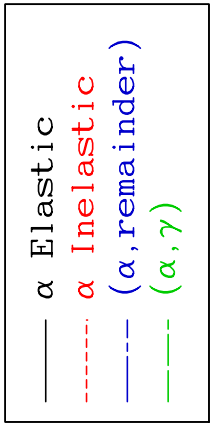
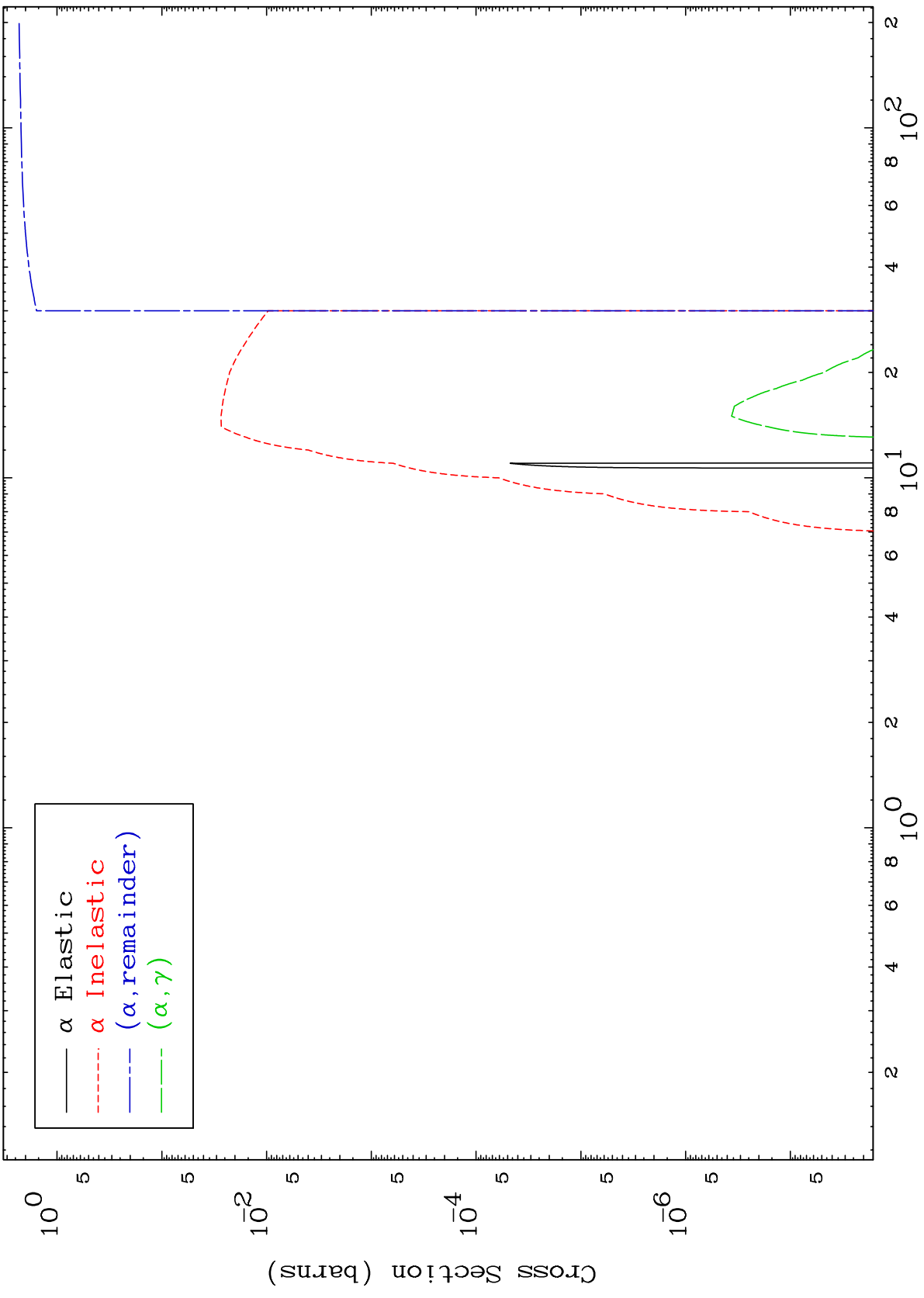
Press Mouse Button to Start

MAT 5080

α Major

50-Sn-130

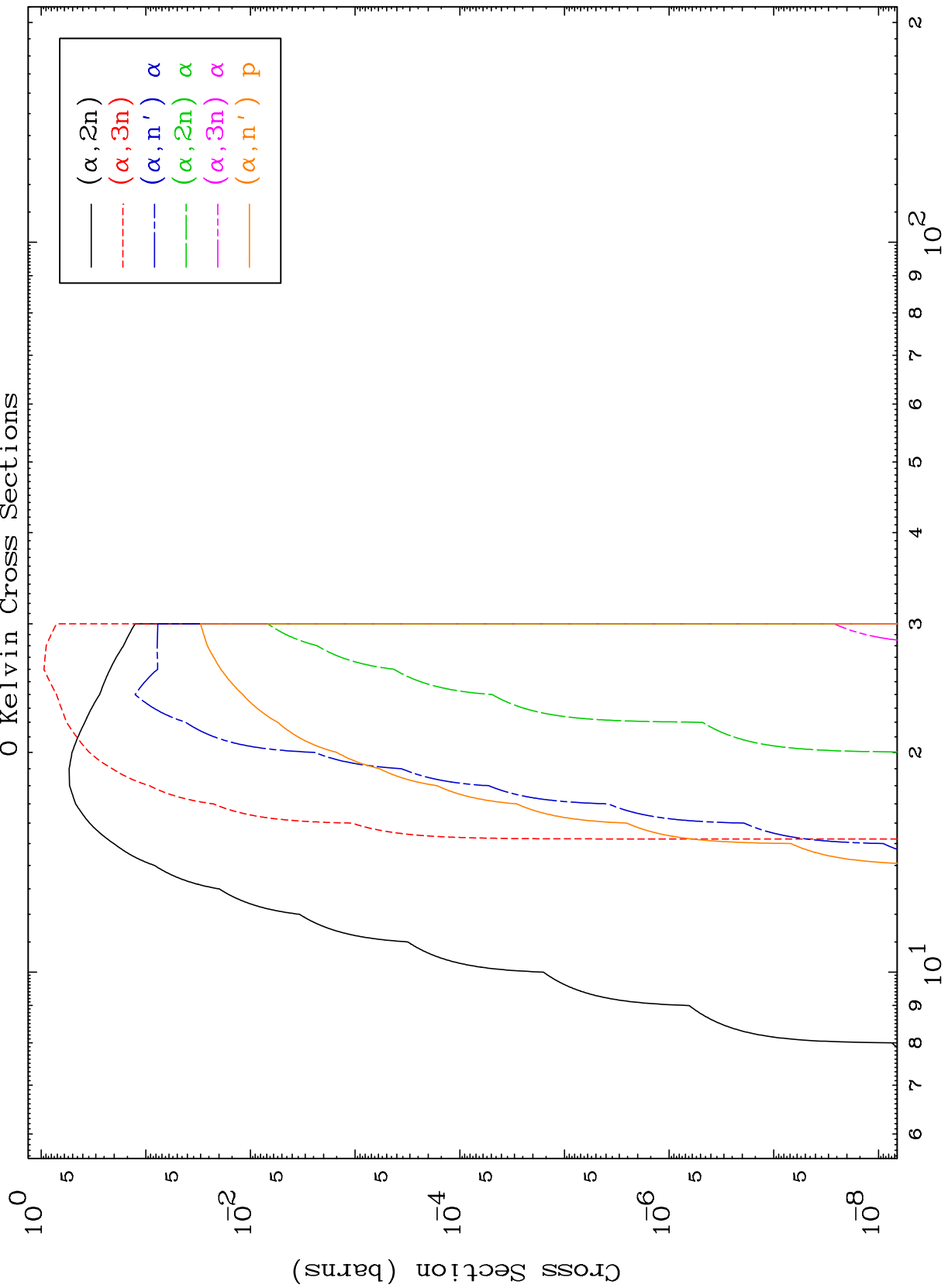
0 Kelvin Cross Sections



MAT 5080

α Neutron Production
0 Kelvin Cross Sections

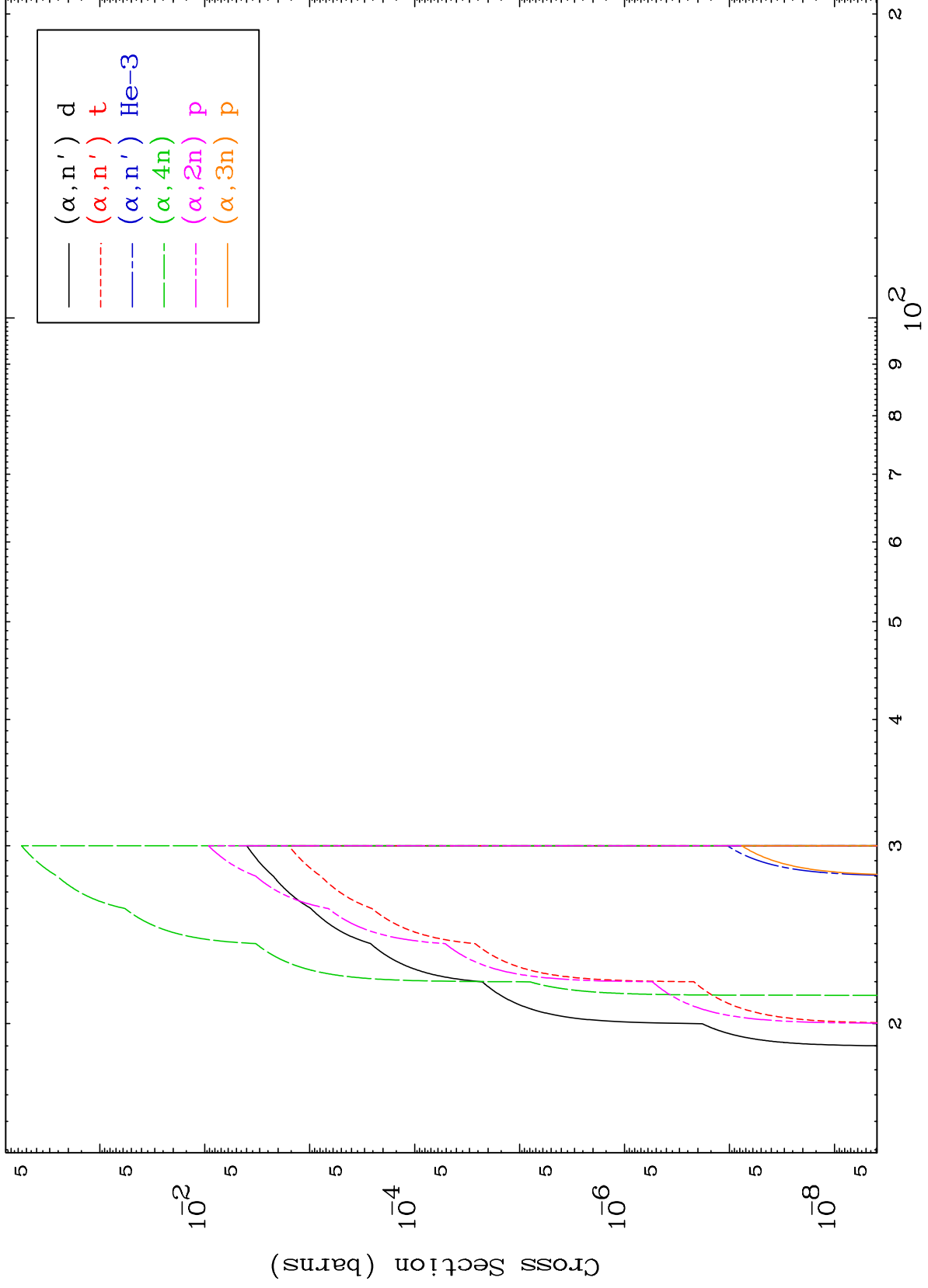
50-Sn-130



2

Incident Energy (MeV)

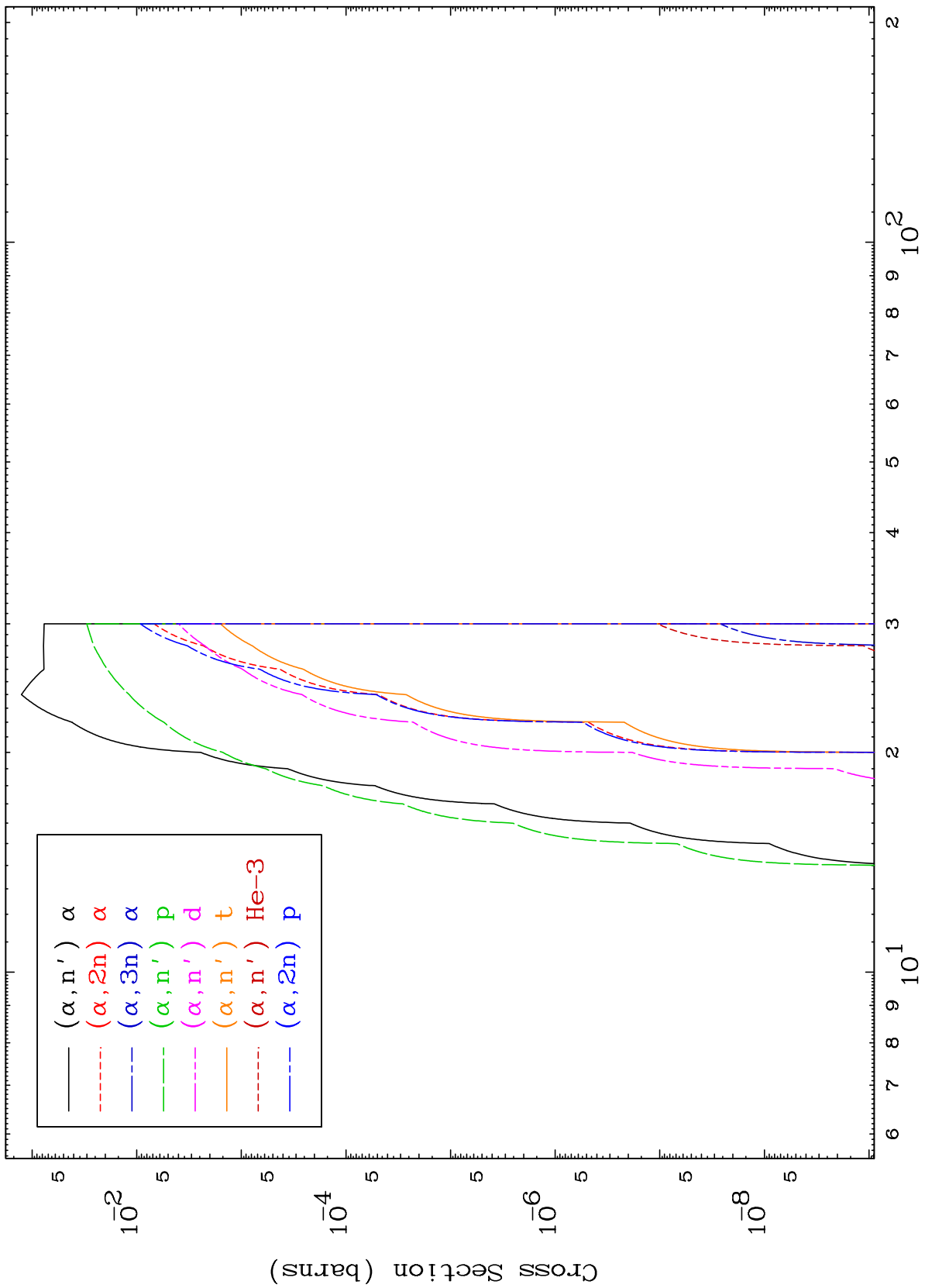
50-Sn-130

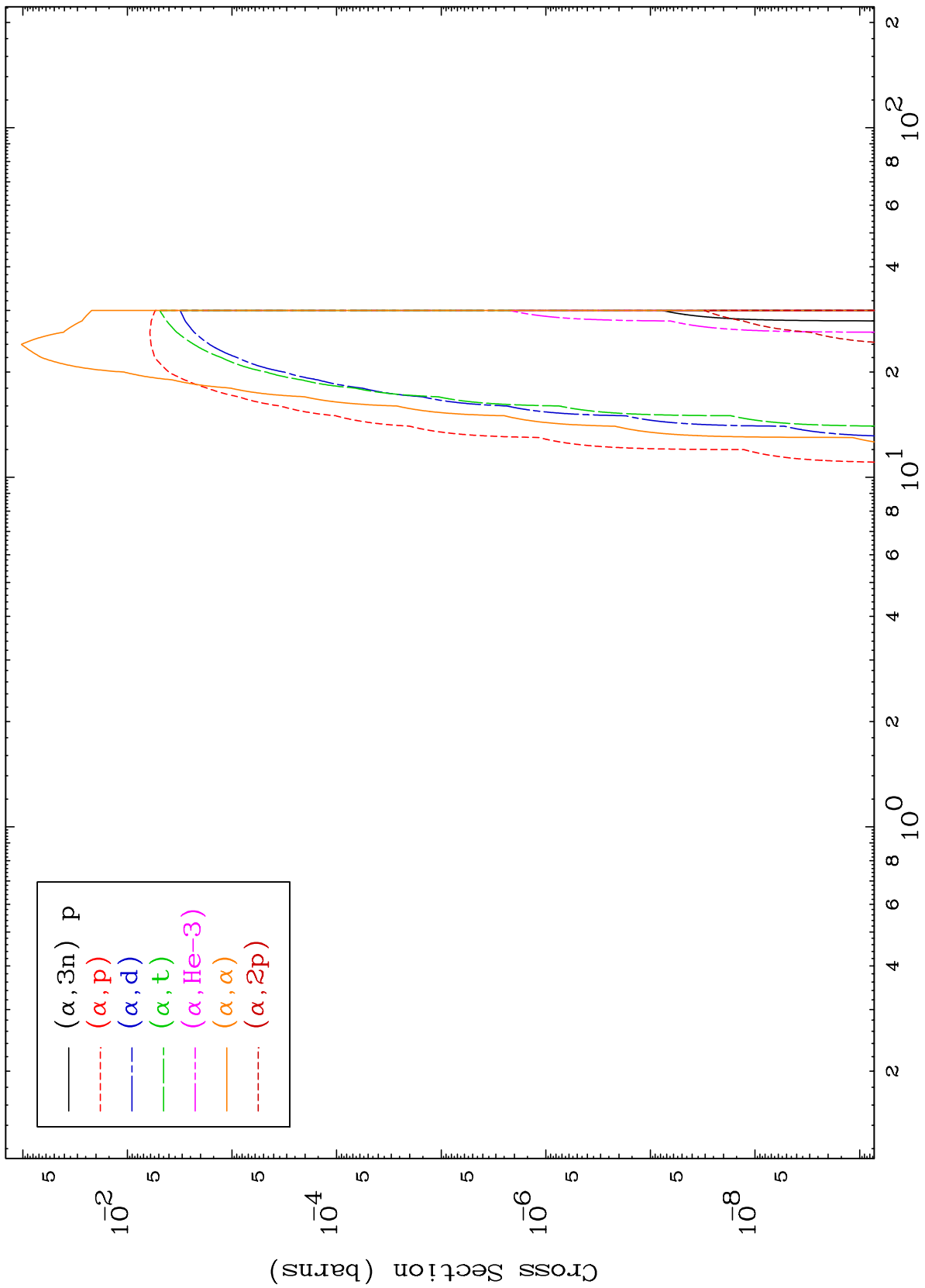


MAT 5080

α Charged Particle
0 Kelvin Cross Sections

50-Sn-130

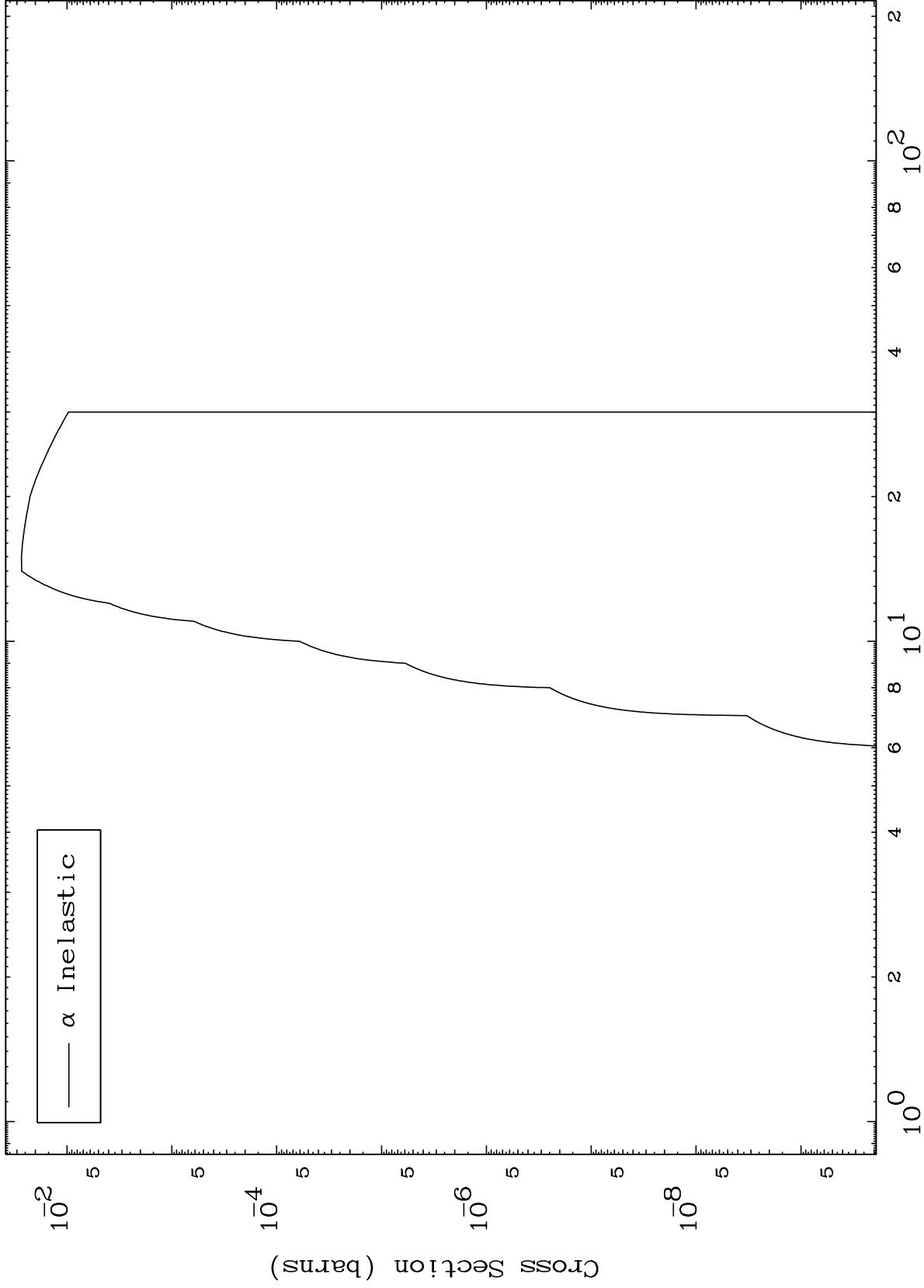




MAT 5080

(α, n') Level
0 Kelvin Cross Sections

50-Sn-130



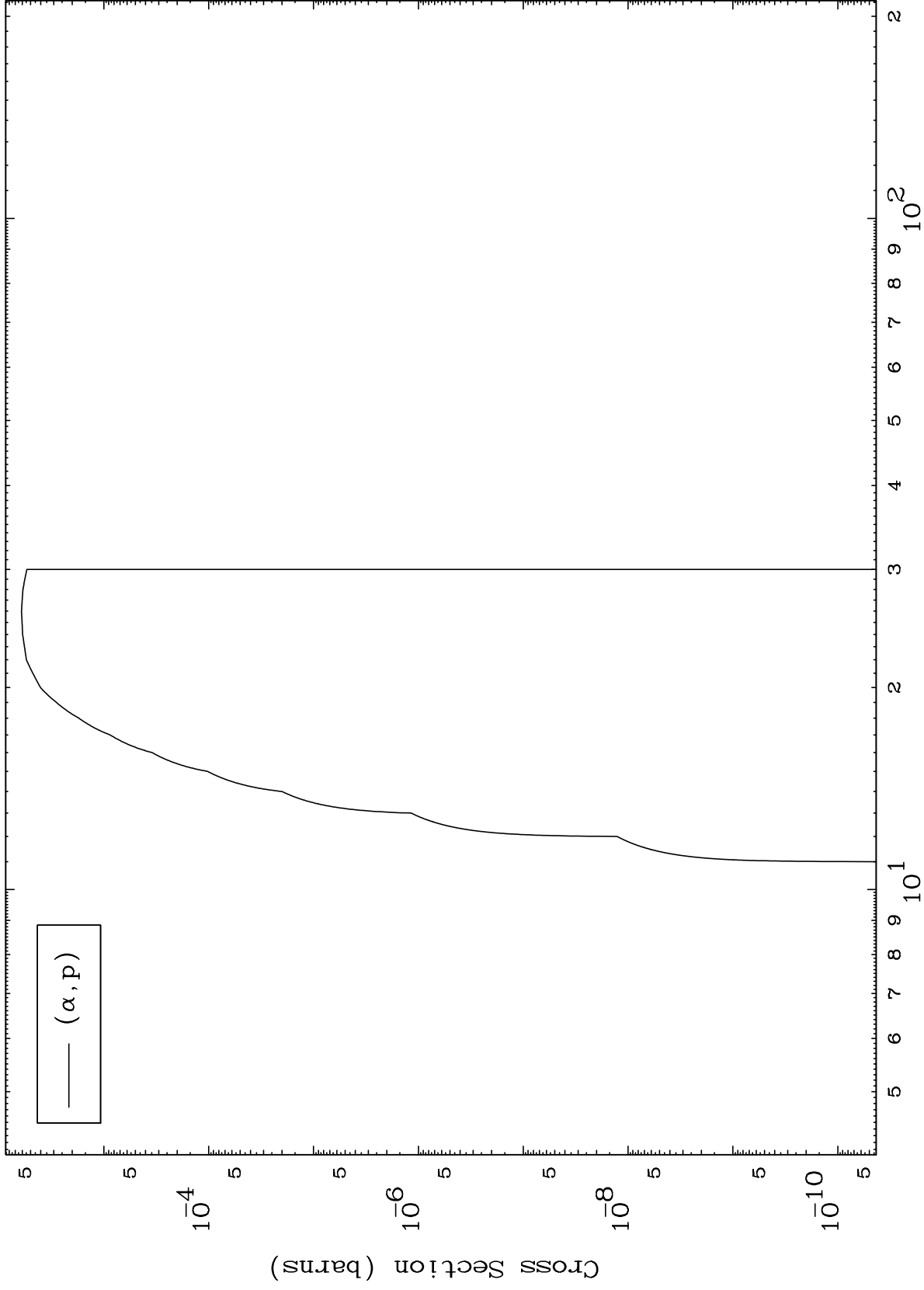
Incident Energy (MeV)

50-Sn-130

MAT 5080

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-130



7

Incident Energy (MeV)

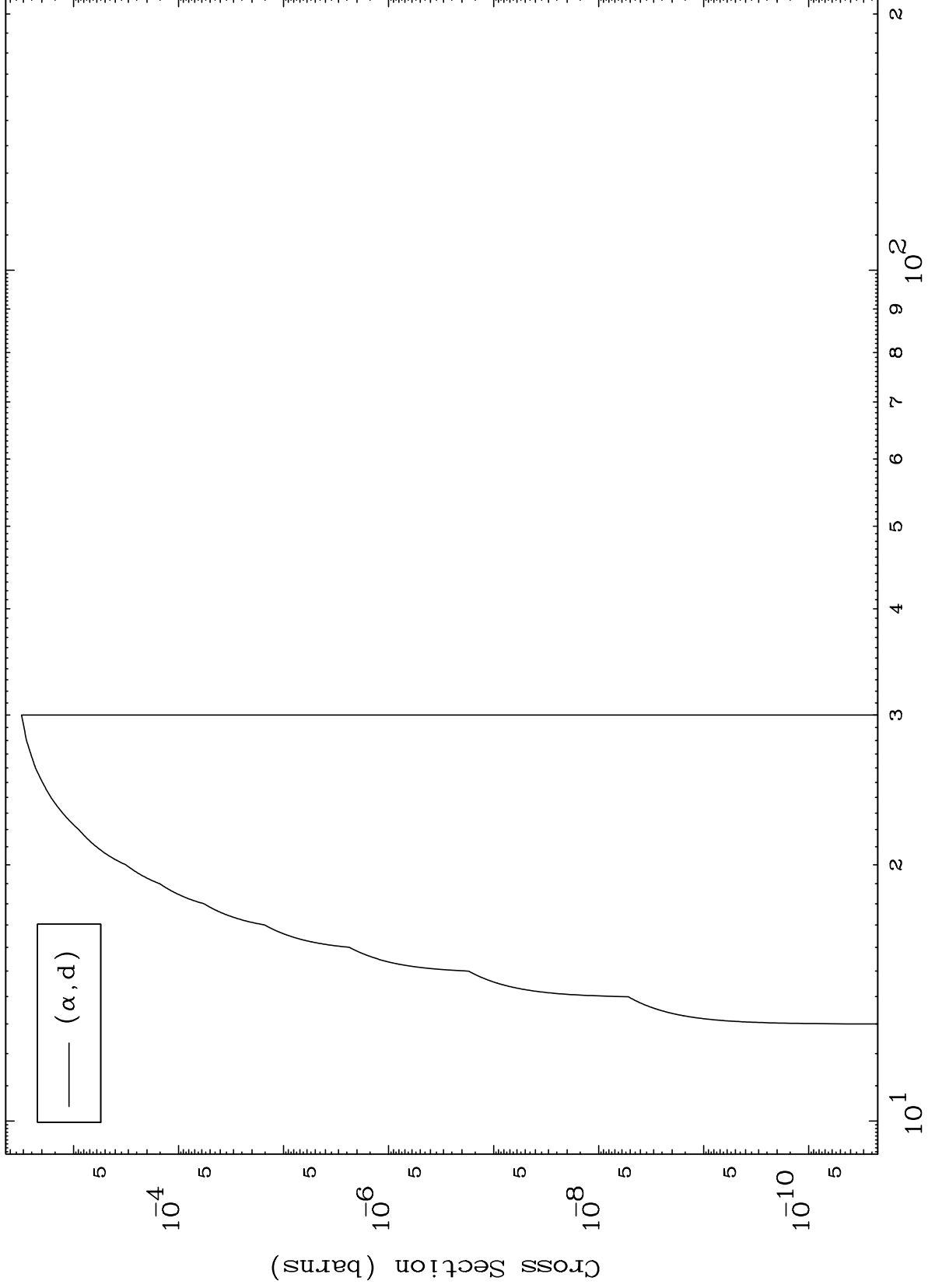
50-Sn-130

MAT 5080

(α, d) Levels

50-Sn-130

0 Kelvin Cross Sections



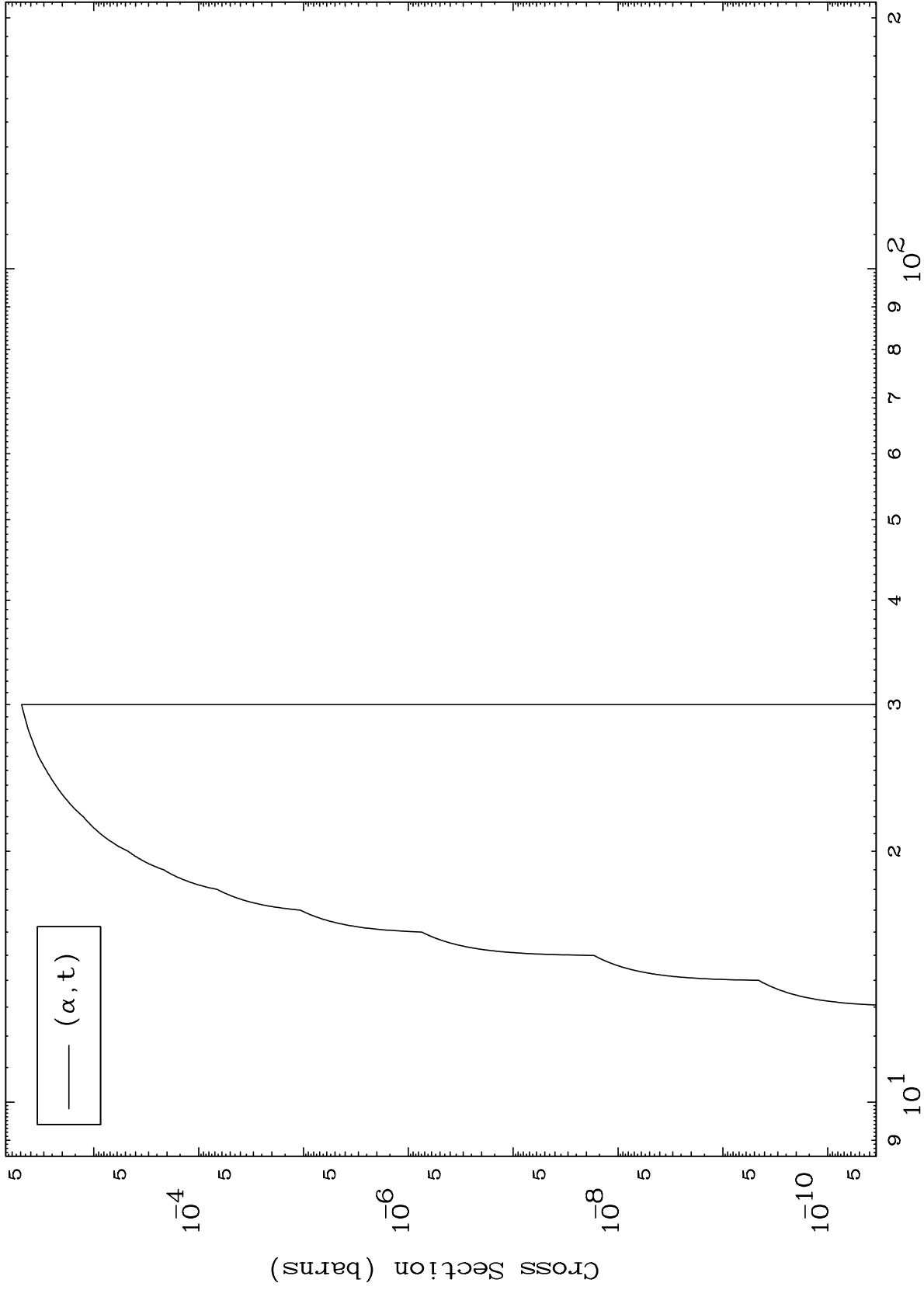
Incident Energy (MeV)

50-Sn-130

MAT 5080

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-130



Incident Energy (MeV)

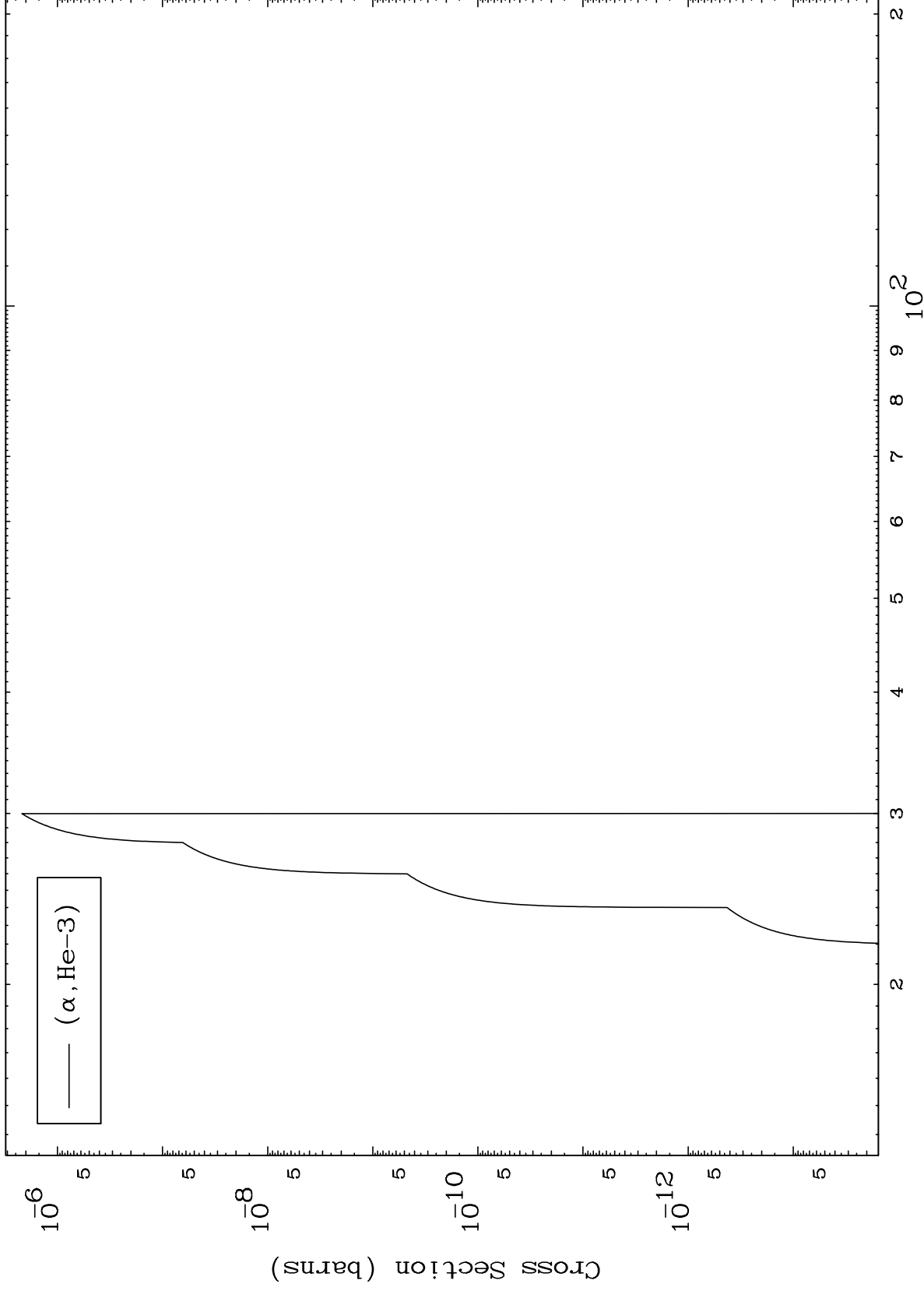
50-Sn-130

9

MAT 5080

(α ,He3) Levels
0 Kelvin Cross Sections

50-Sn-130



10

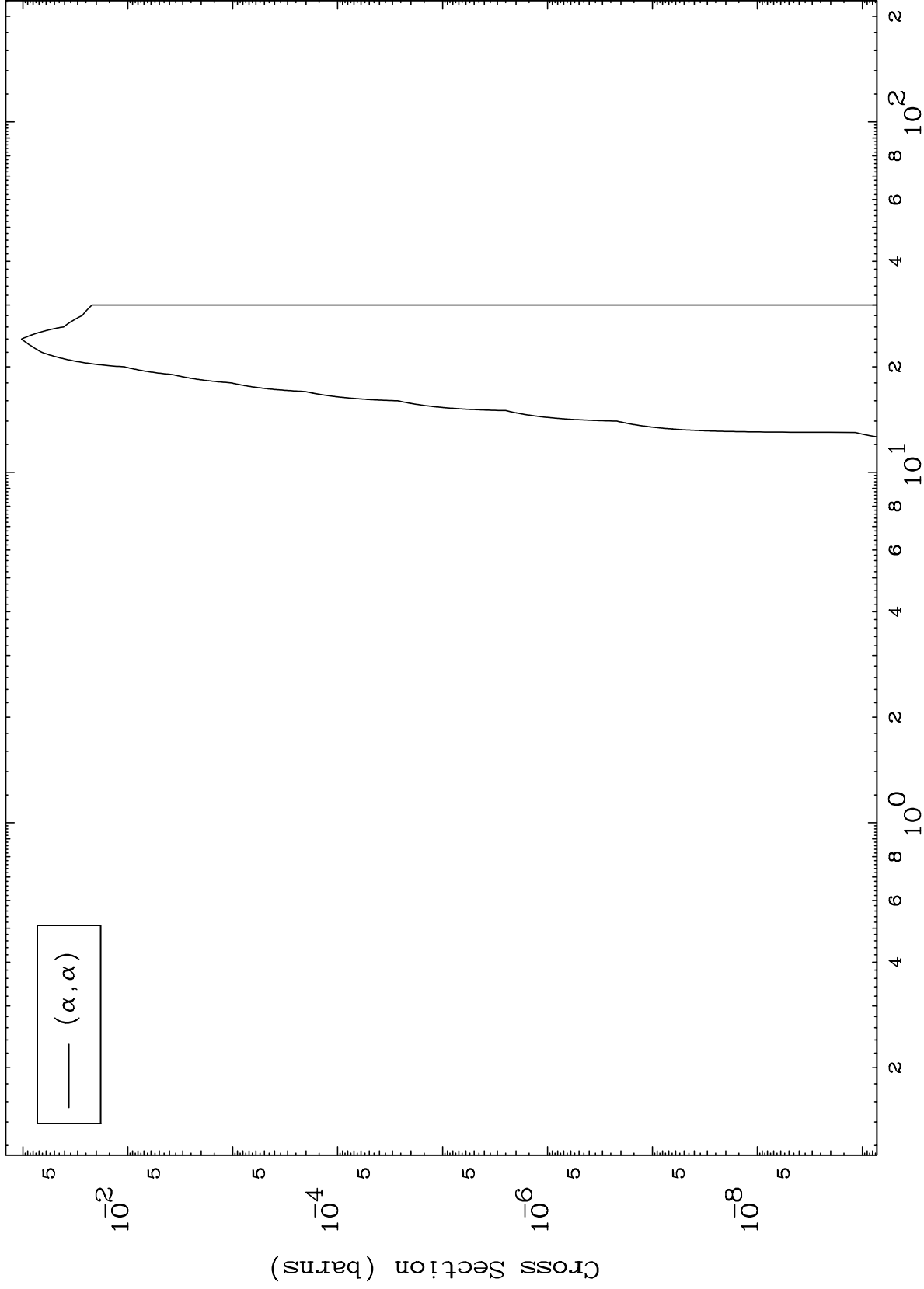
Incident Energy (MeV)

50-Sn-130

MAT 5080

(α, α) Levels
0 Kelvin Cross Sections

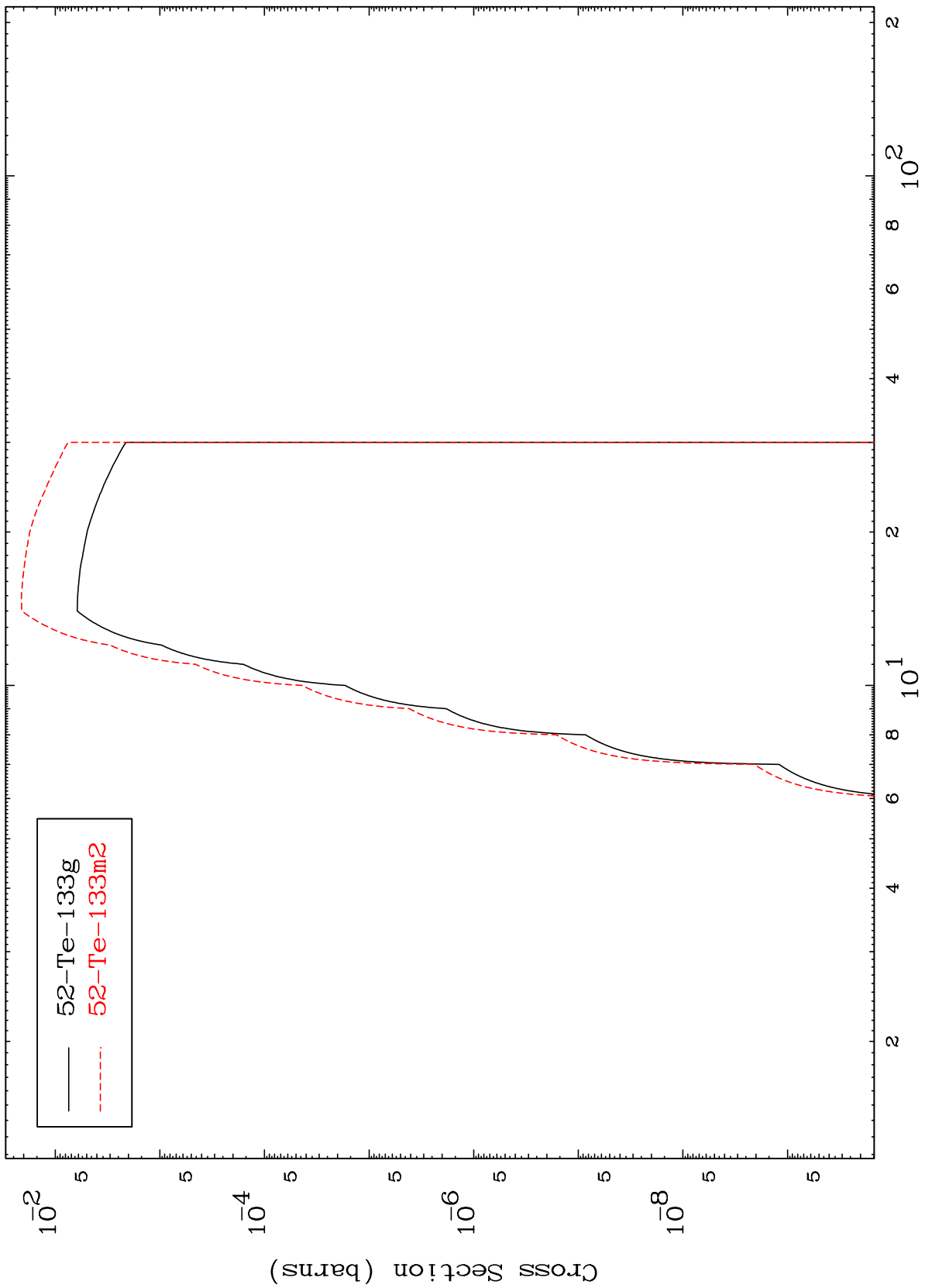
50-Sn-130



MAT 5080

50-Sn-130

Radionuclide Production Cross Section
 α Inelastic



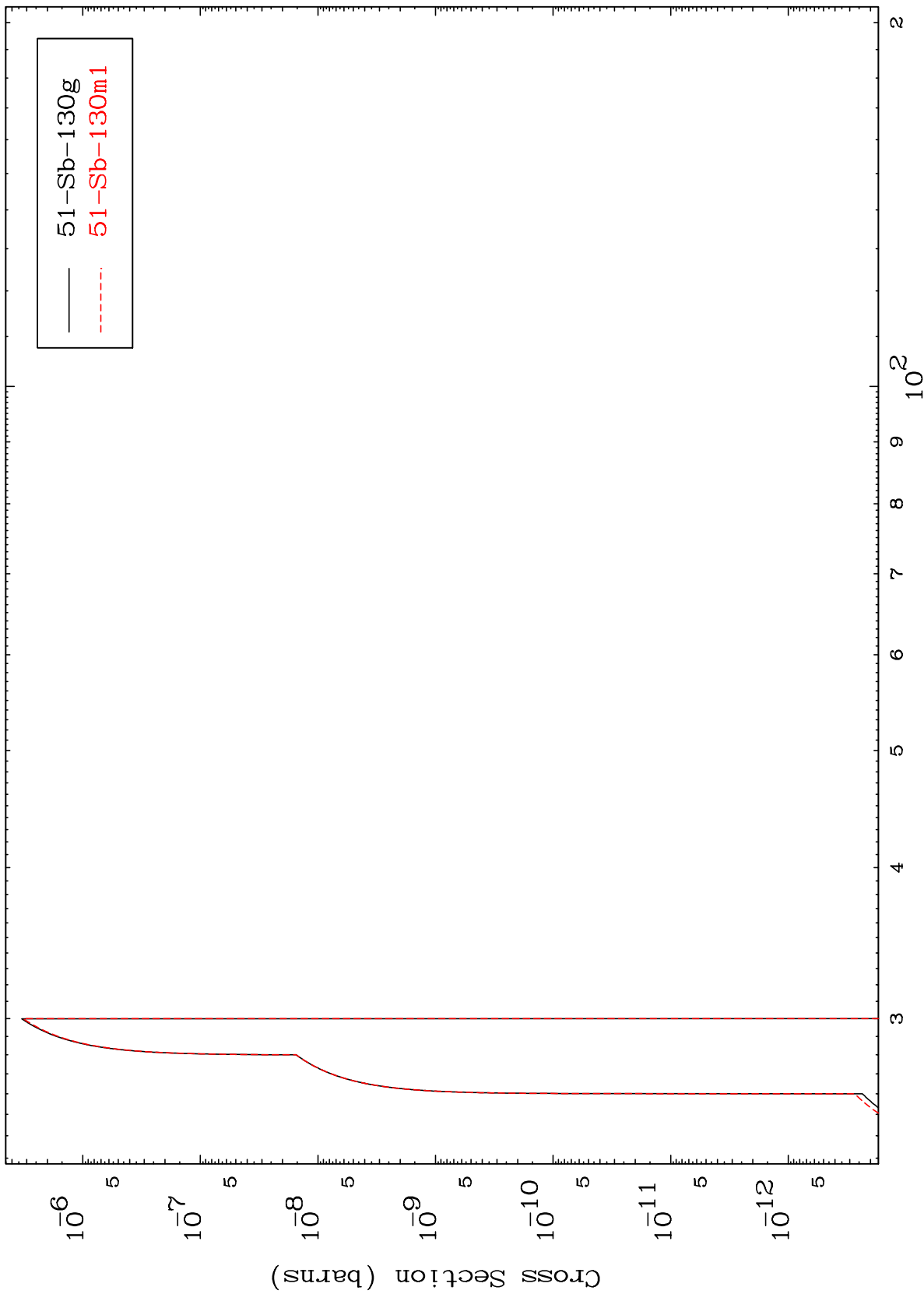
52-Te-133g
52-Te-133m2

MAT 5080

($\alpha, 2n$) d

50-Sn-130

Radionuclide Production Cross Section

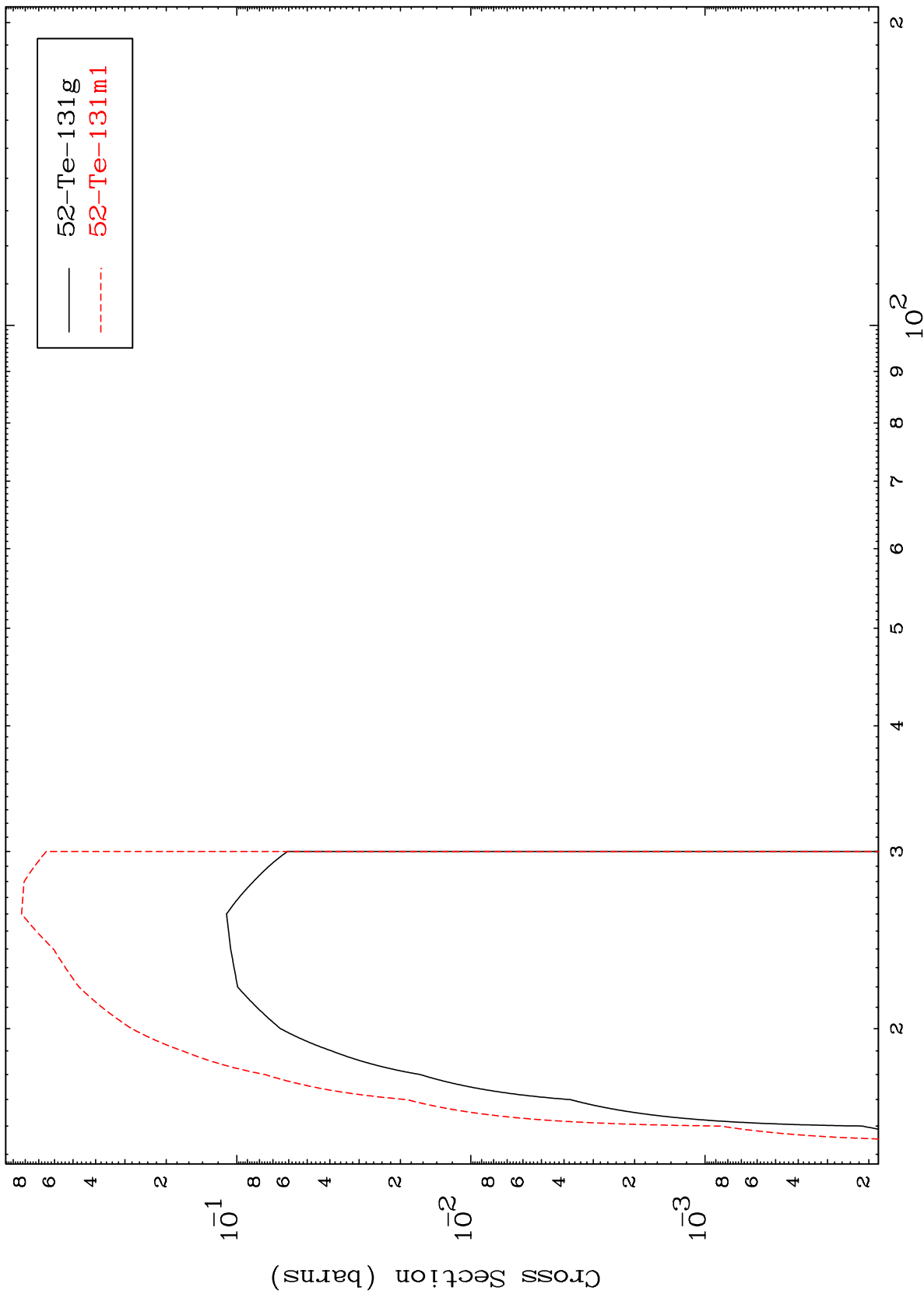


51-Sb-130g
51-Sb-130m1

MAT 5080

50-Sn-130

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



50-Sn-130

Incident Energy (MeV)

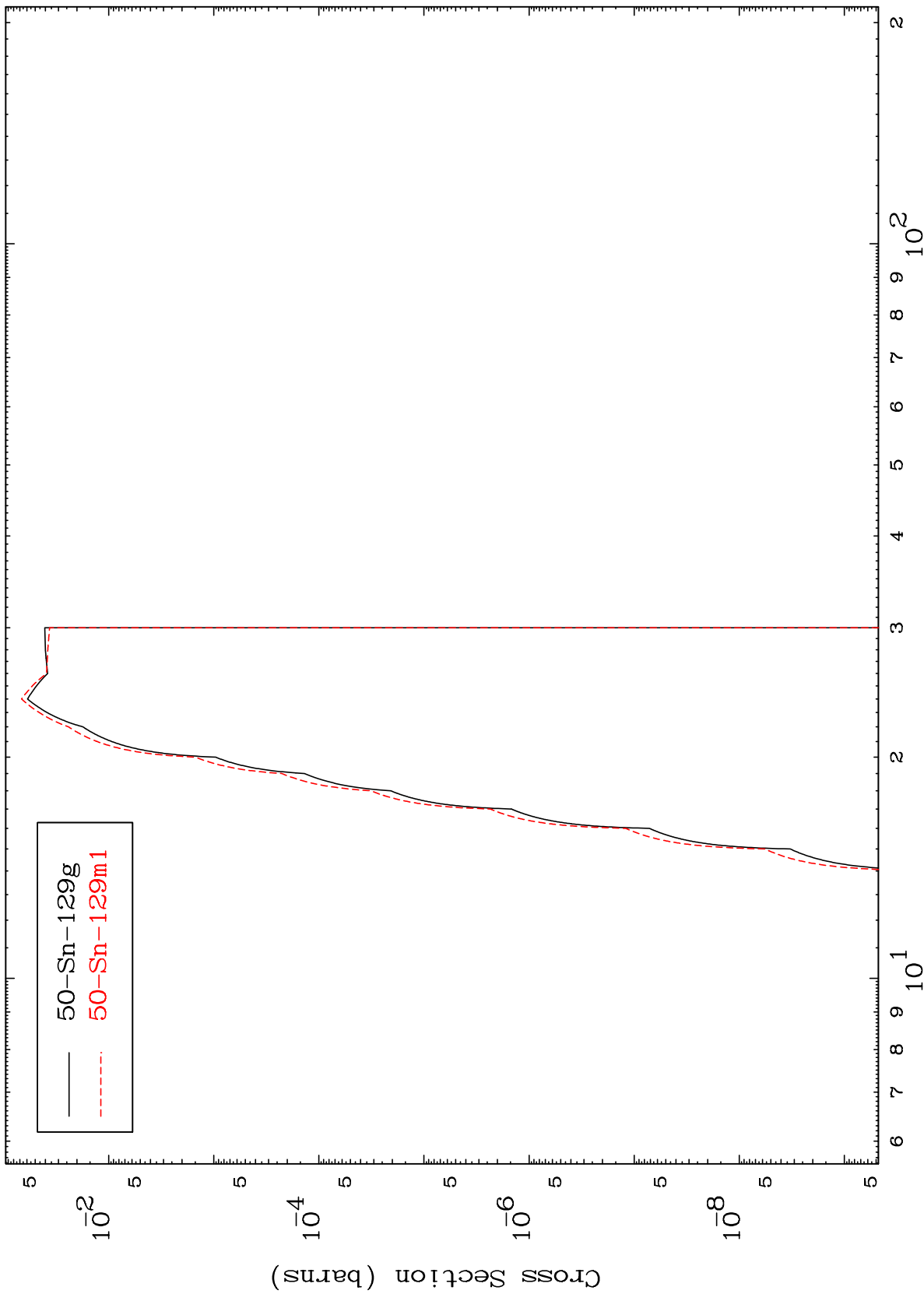
14

MAT 5080

(α, n') α

50-Sn-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

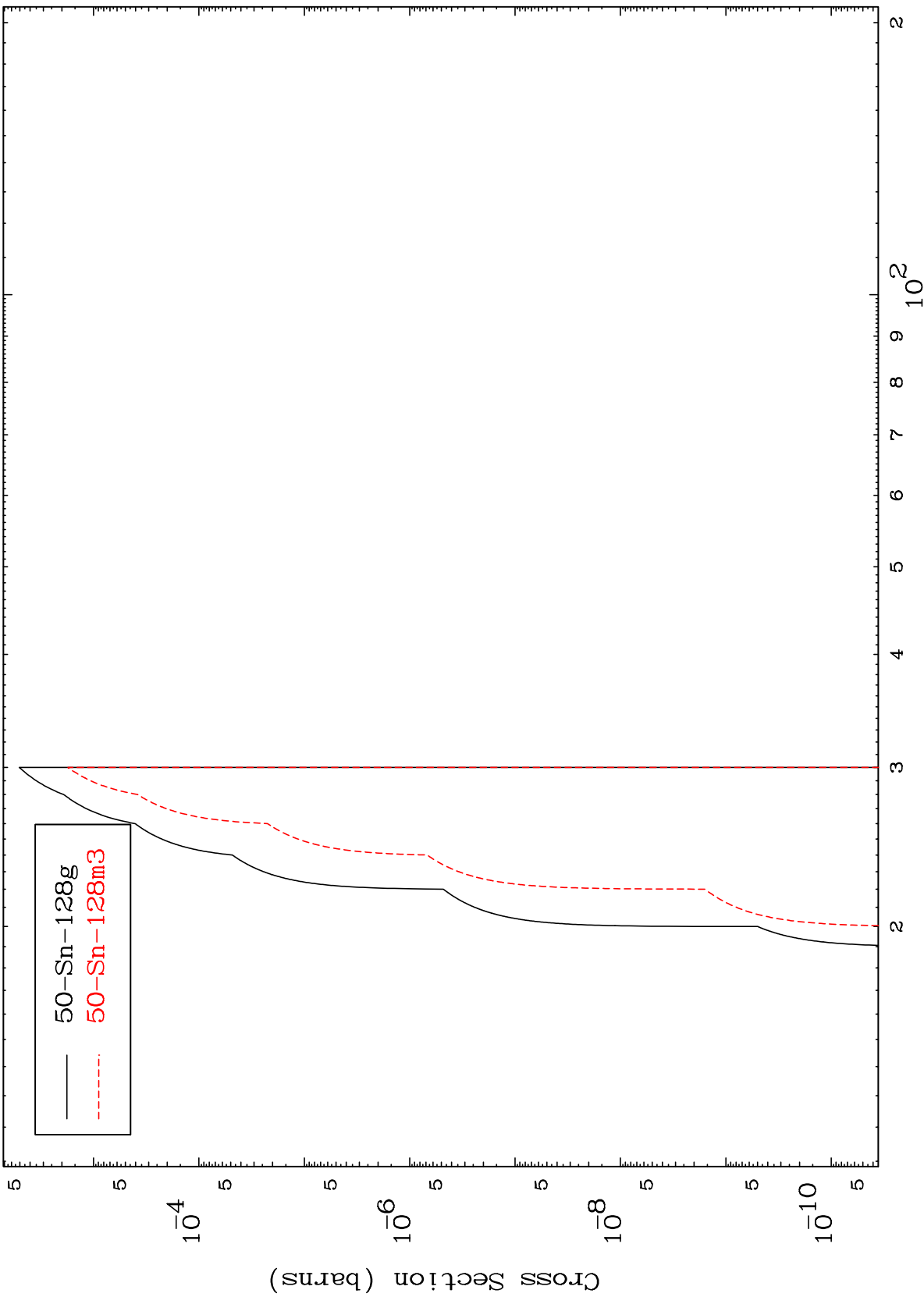
50-Sn-130

MAT 5080

($\alpha, 2n$) α

50-Sn-130

Radionuclide Production Cross Section

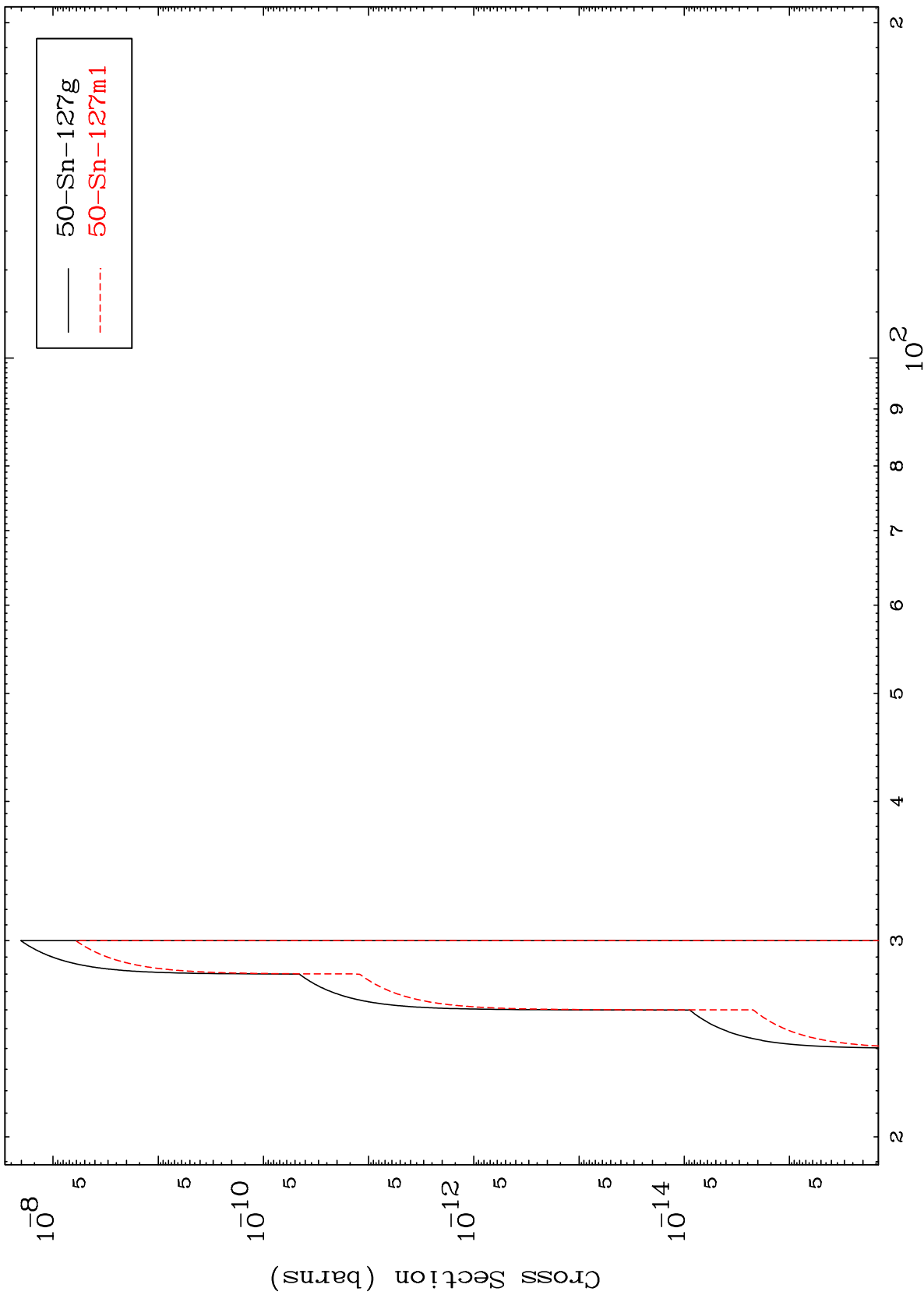


MAT 5080

$(\alpha, 3n)$ α

50-Sn-130

Radionuclide Production Cross Section



17

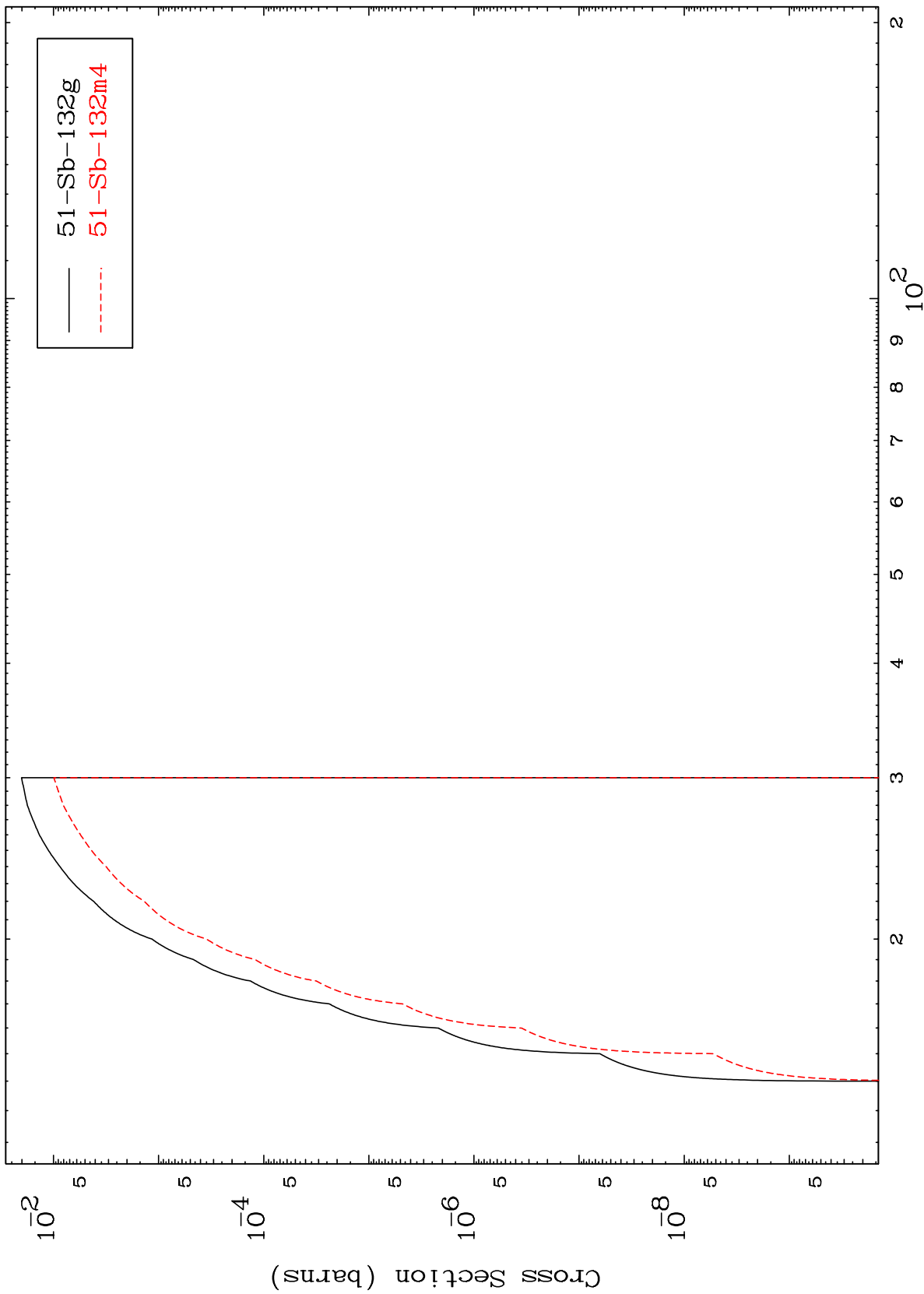
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

(α, n') p
Radionuclide Production Cross Section



51-Sb-132g
51-Sb-132m4

50-Sn-130

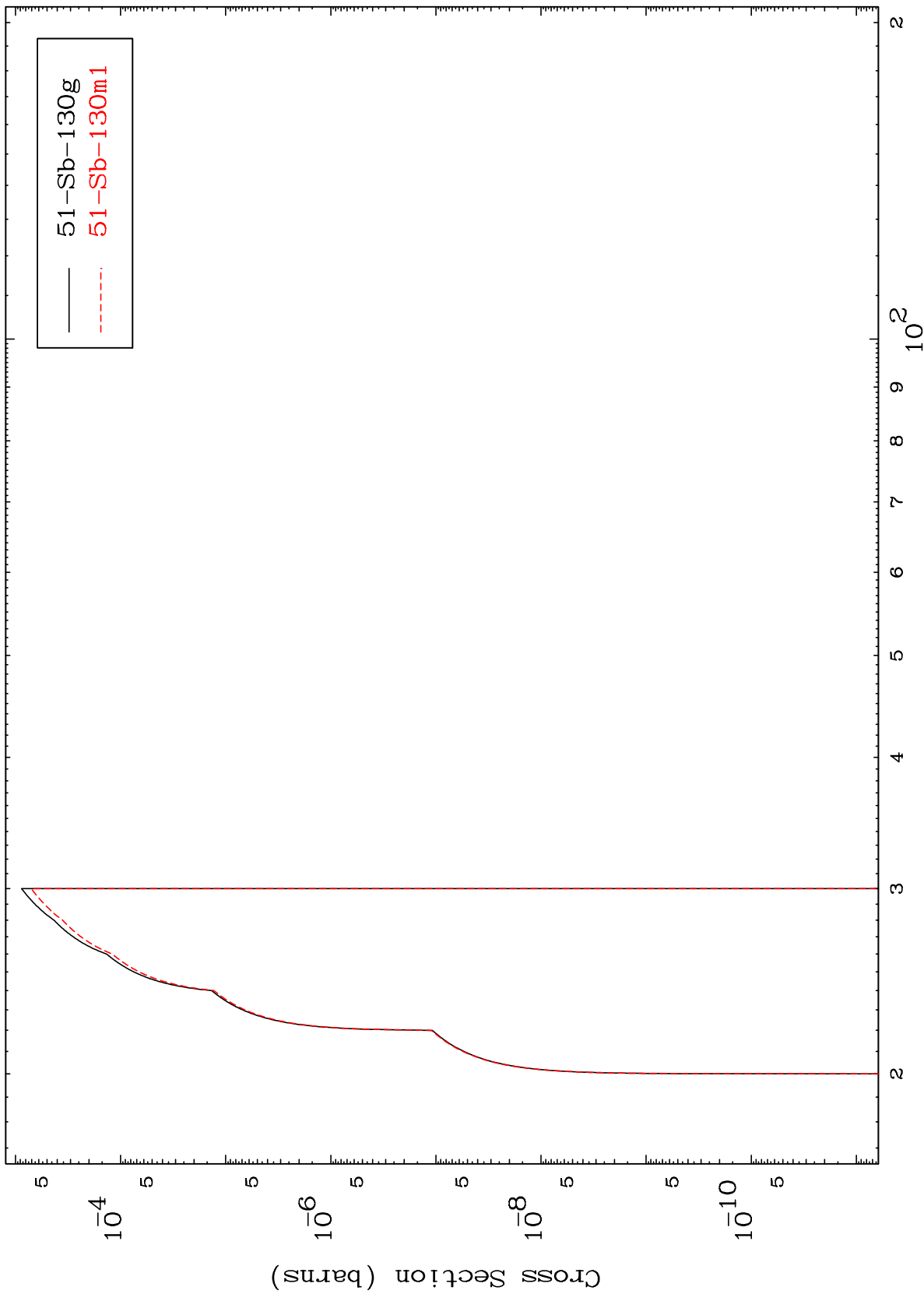
Incident Energy (MeV)

18

MAT 5080

50-Sn-130

(α, n') t
Radionuclide Production Cross Section



19

Incident Energy (MeV)

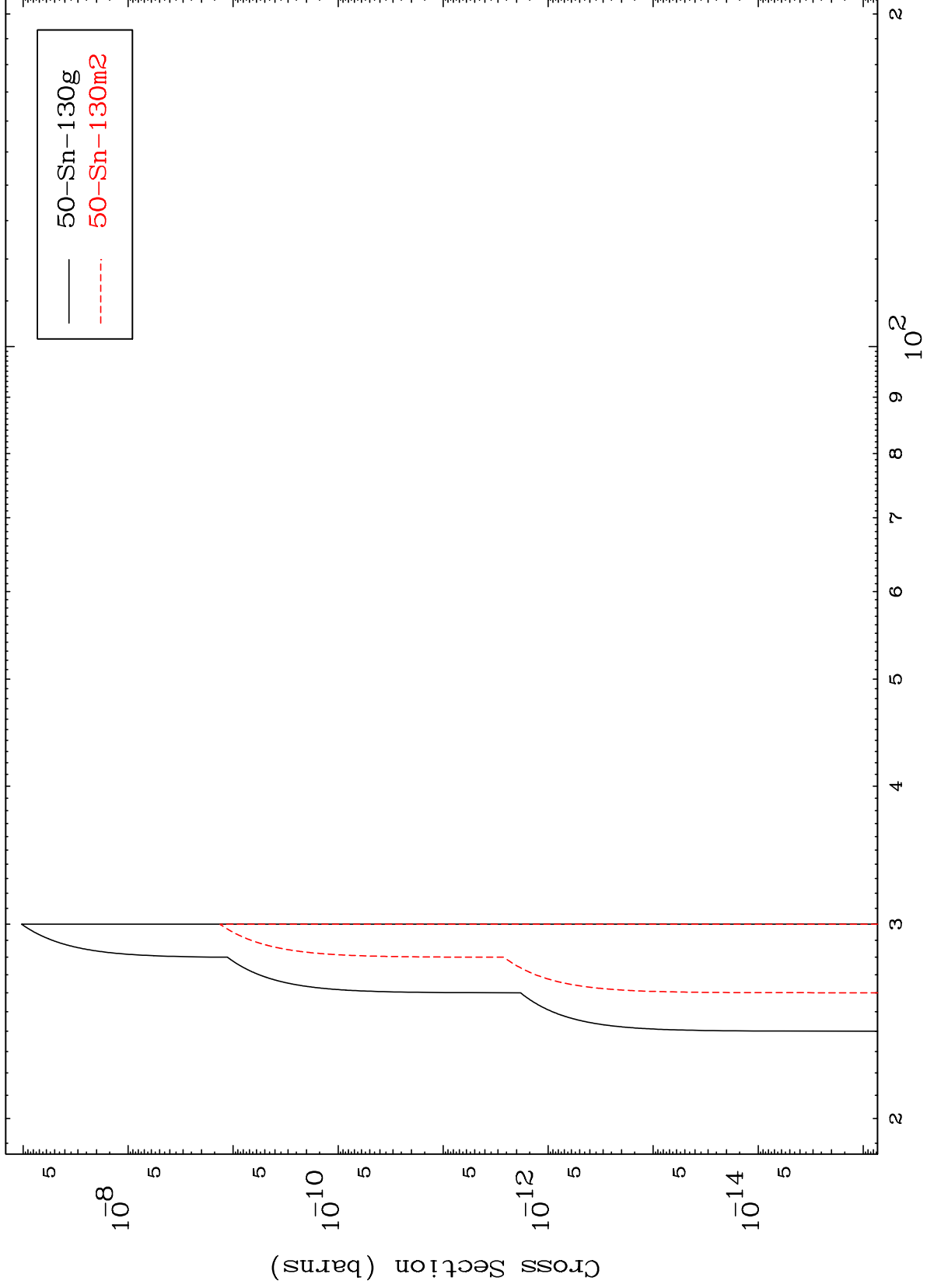
50-Sn-130

MAT 5080

(α, n') He-3

50-Sn-130

Radionuclide Production Cross Section



20

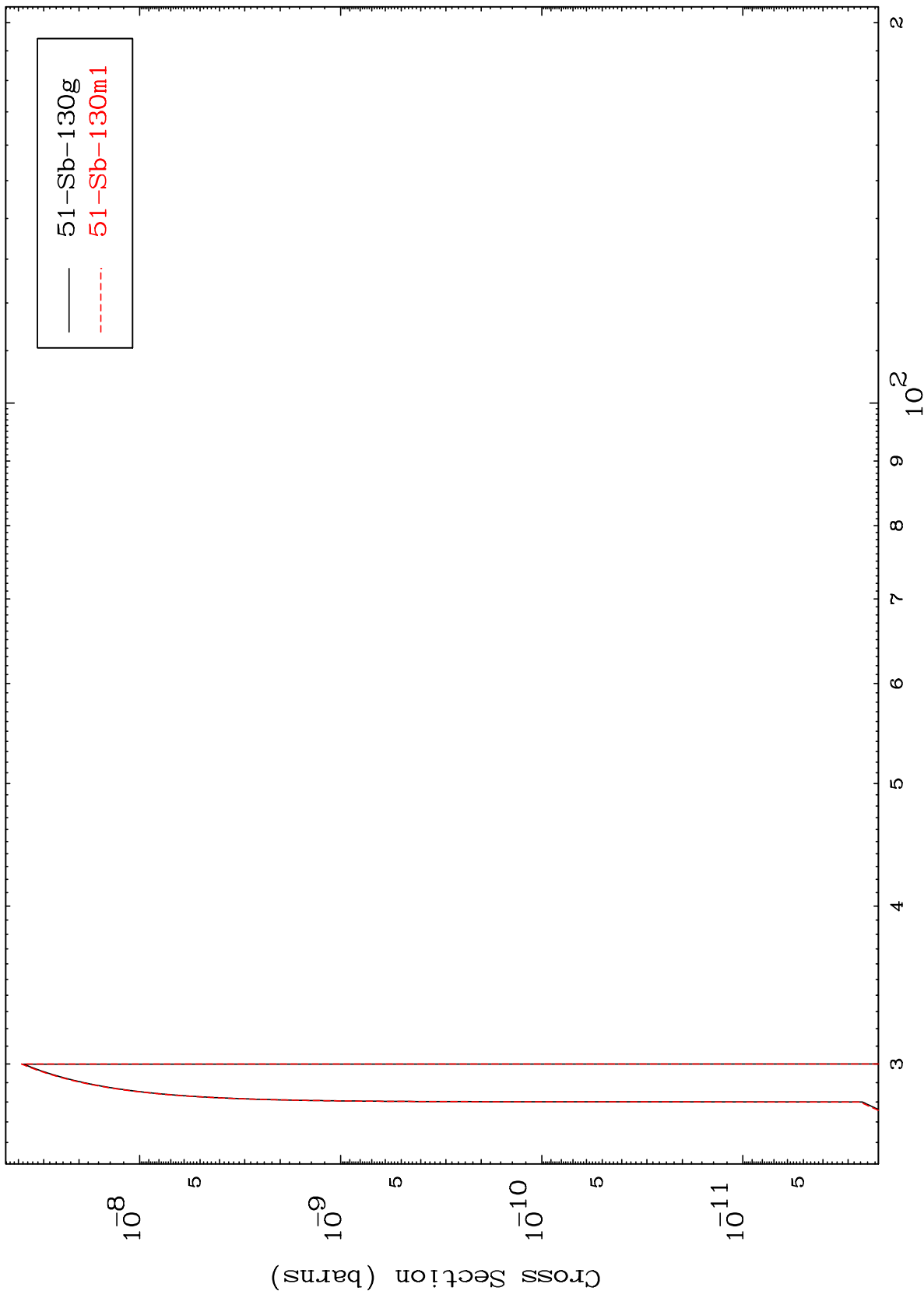
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

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



21

Incident Energy (MeV)

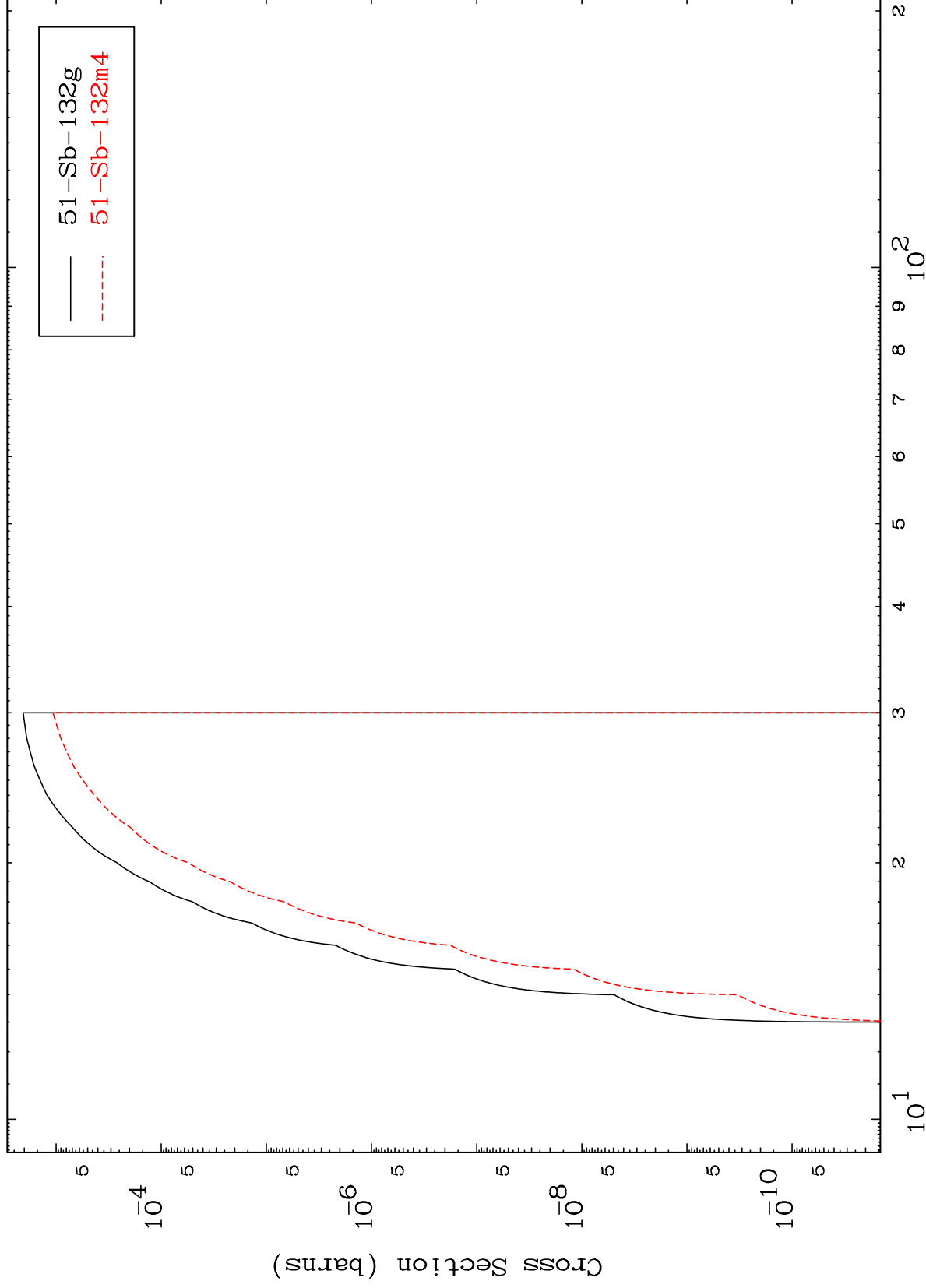
50-Sn-130

MAT 5080

(α, d)

50-Sn-130

Radionuclide Production Cross Section



22

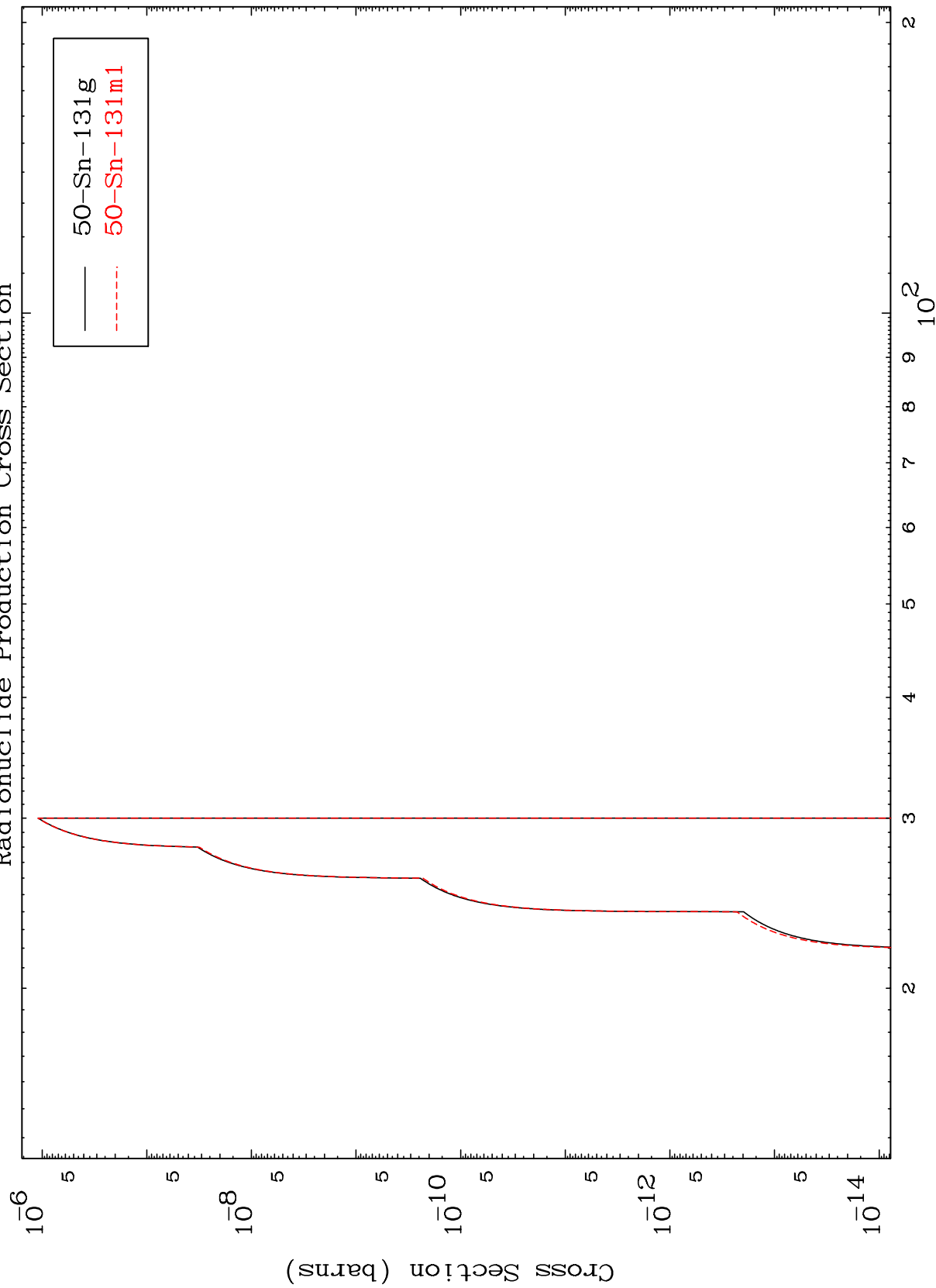
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

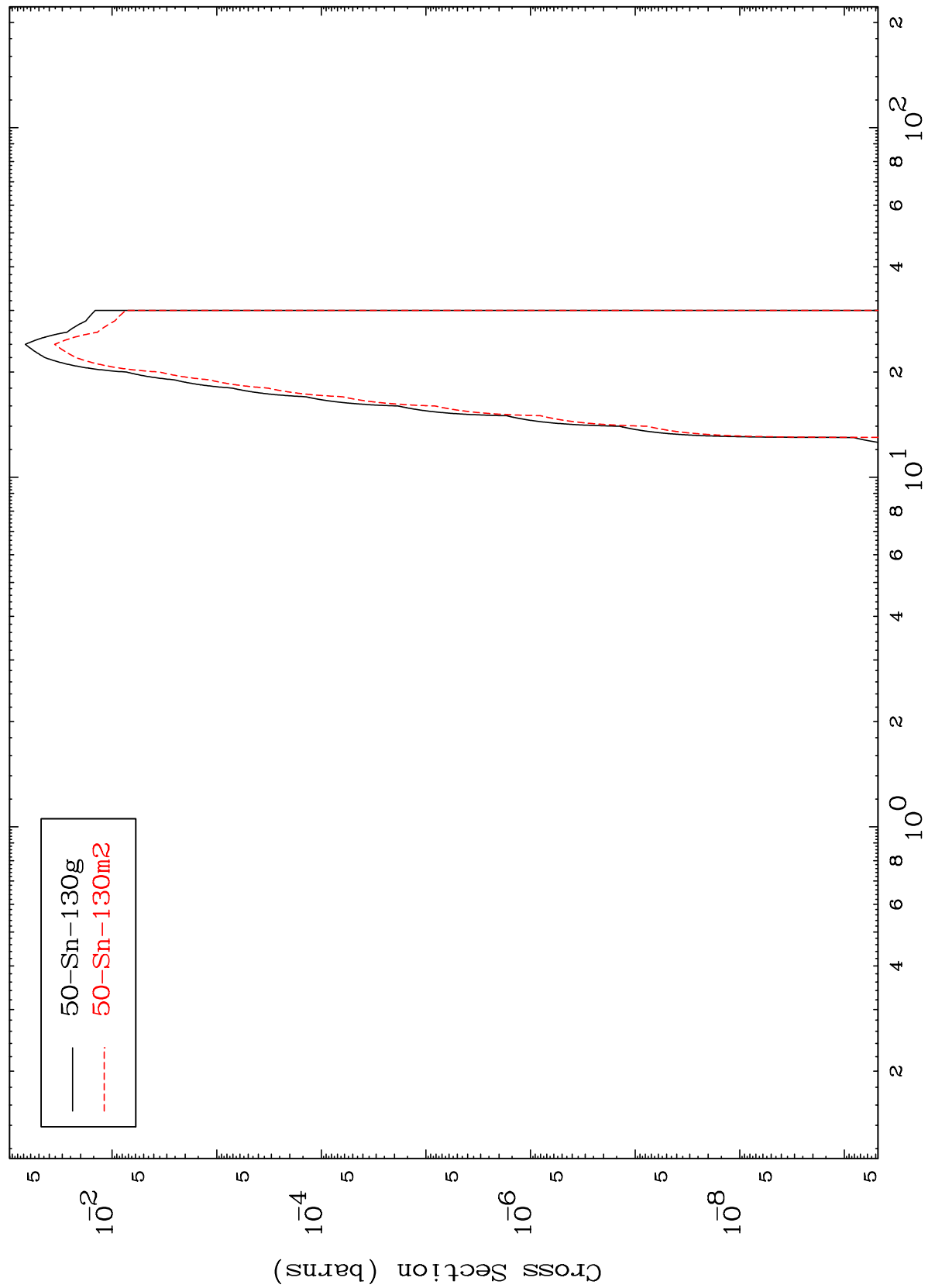
($\alpha, \text{He-3}$)
Radionuclide Production Cross Section



MAT 5080

50-Sn-130

Radionuclide Production Cross Section
(α, α)



50-Sn-130

Incident Energy (MeV)

24