

Program EVALPLOT
(Version 2018-1)

by

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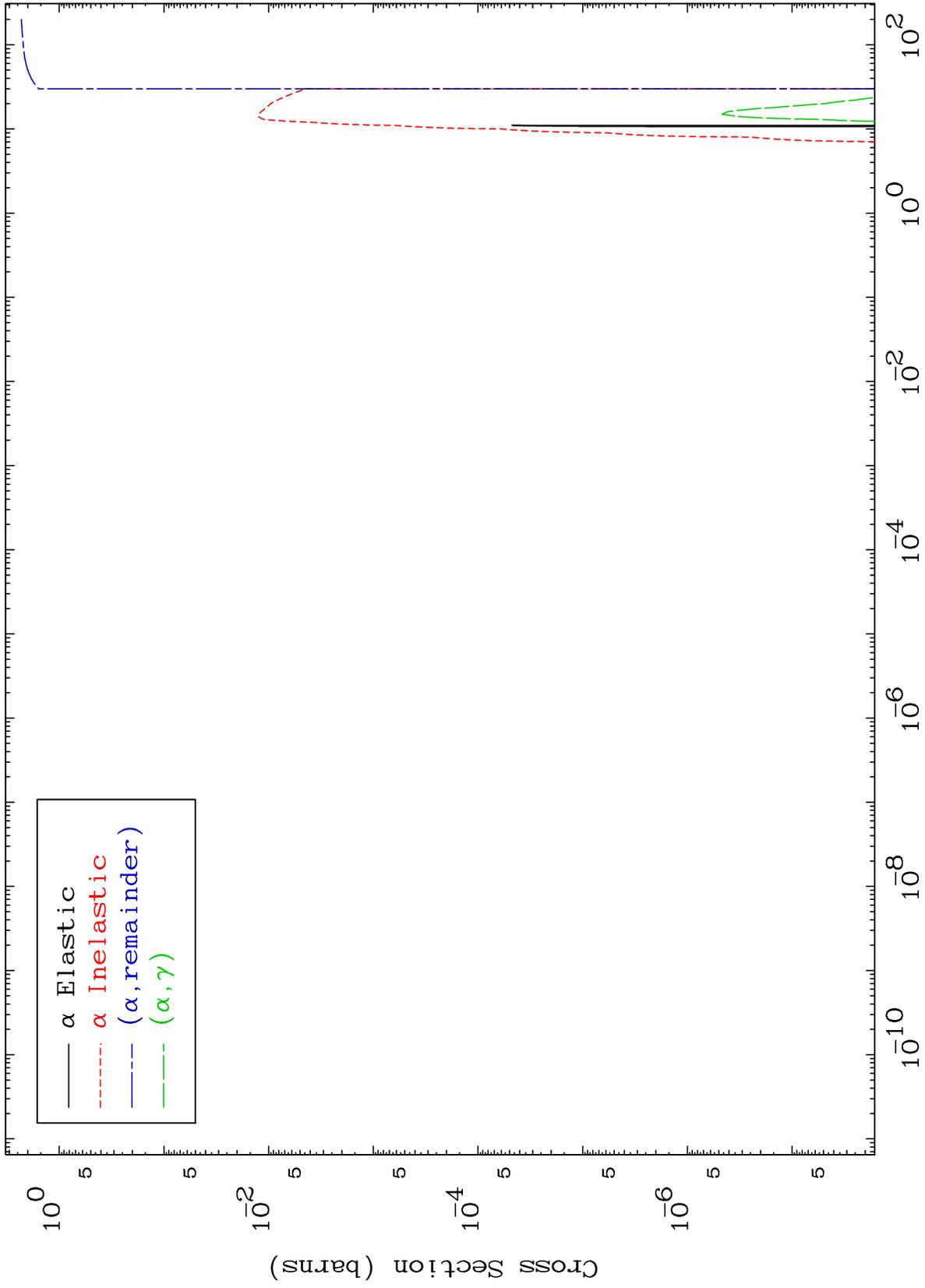
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5080

0 Kelvin α Major
Cross Sections

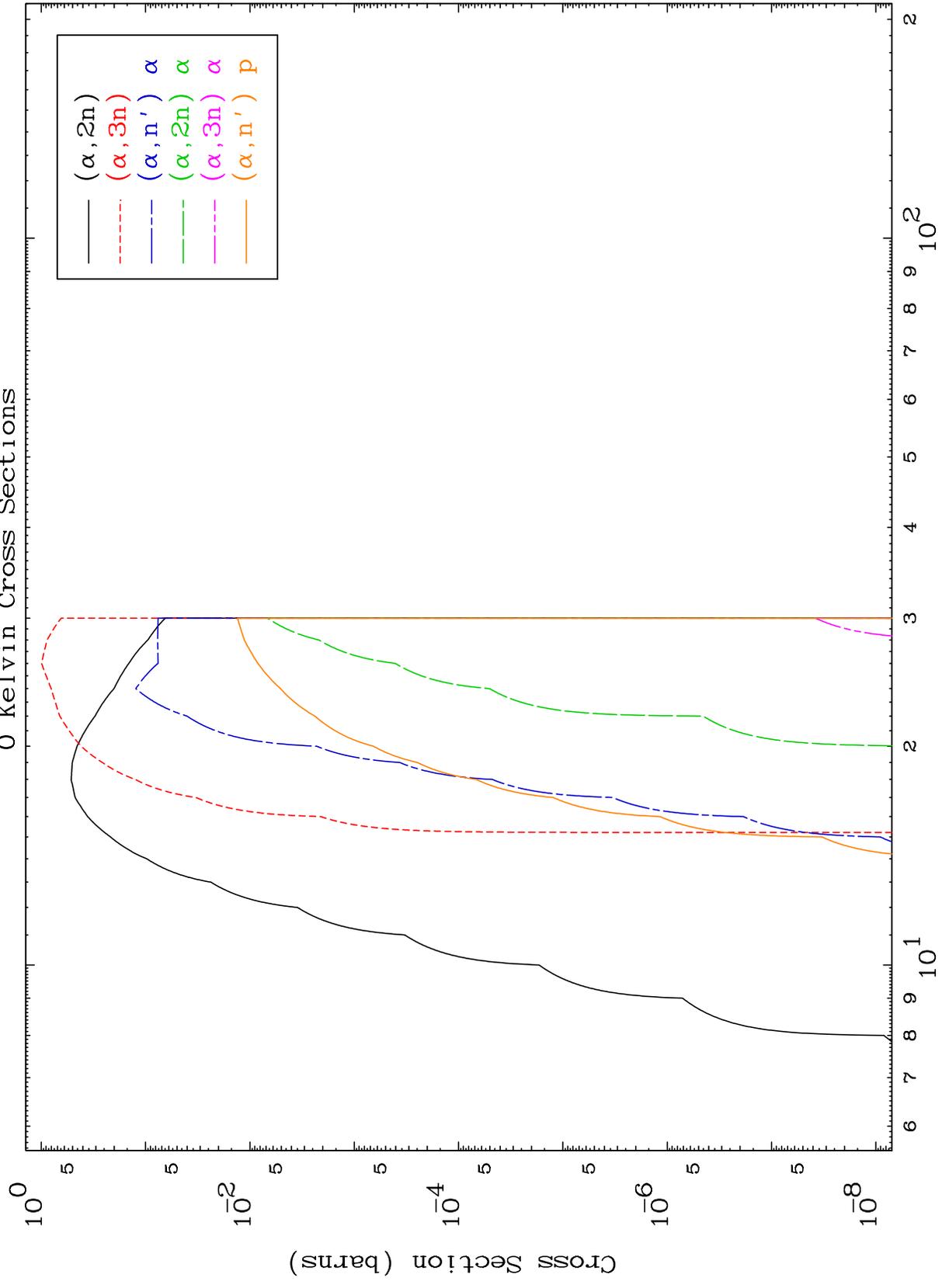
50-Sn-130



MAT 5080

α Neutron Production
0 Kelvin Cross Sections

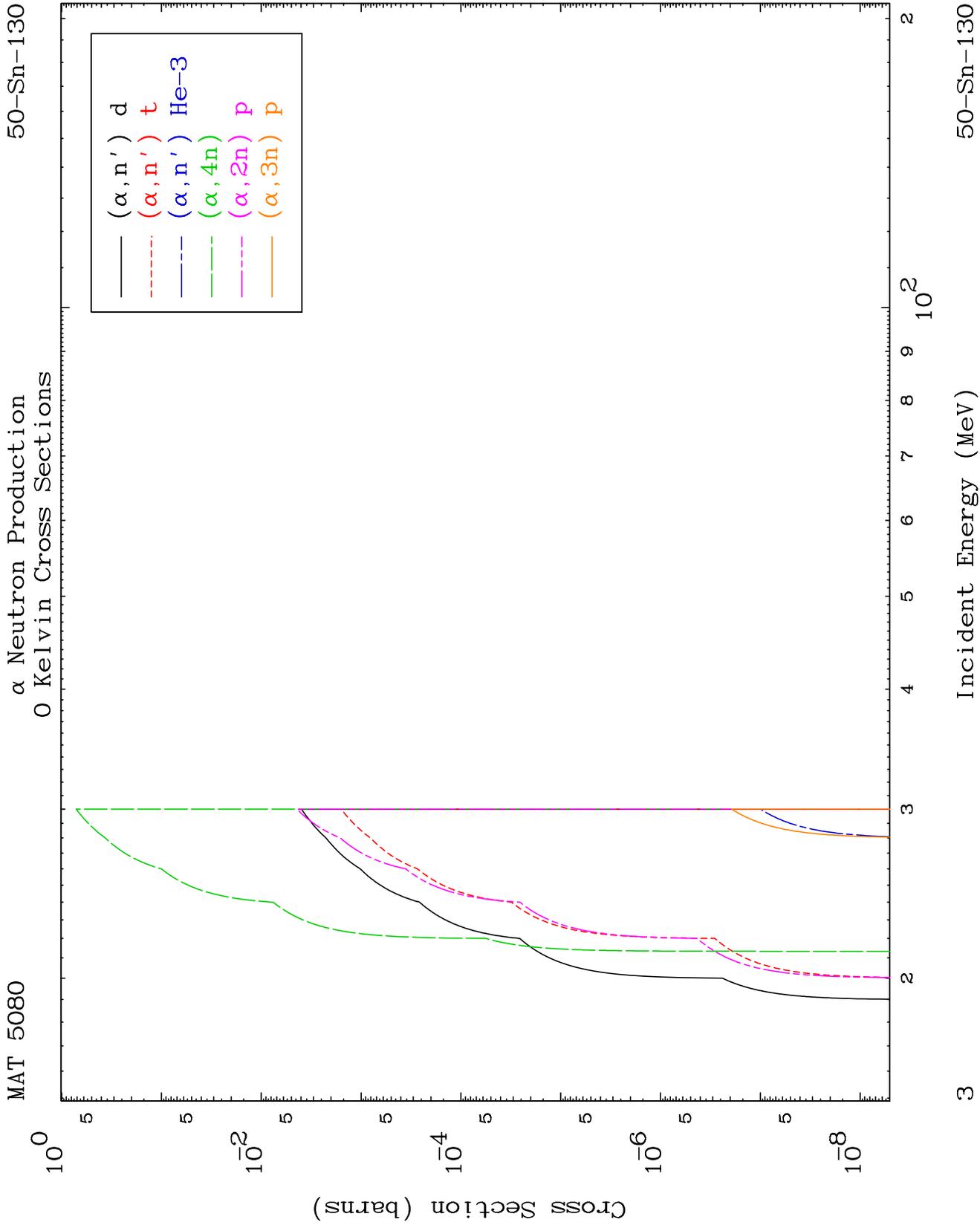
50-Sn-130



2

Incident Energy (MeV)

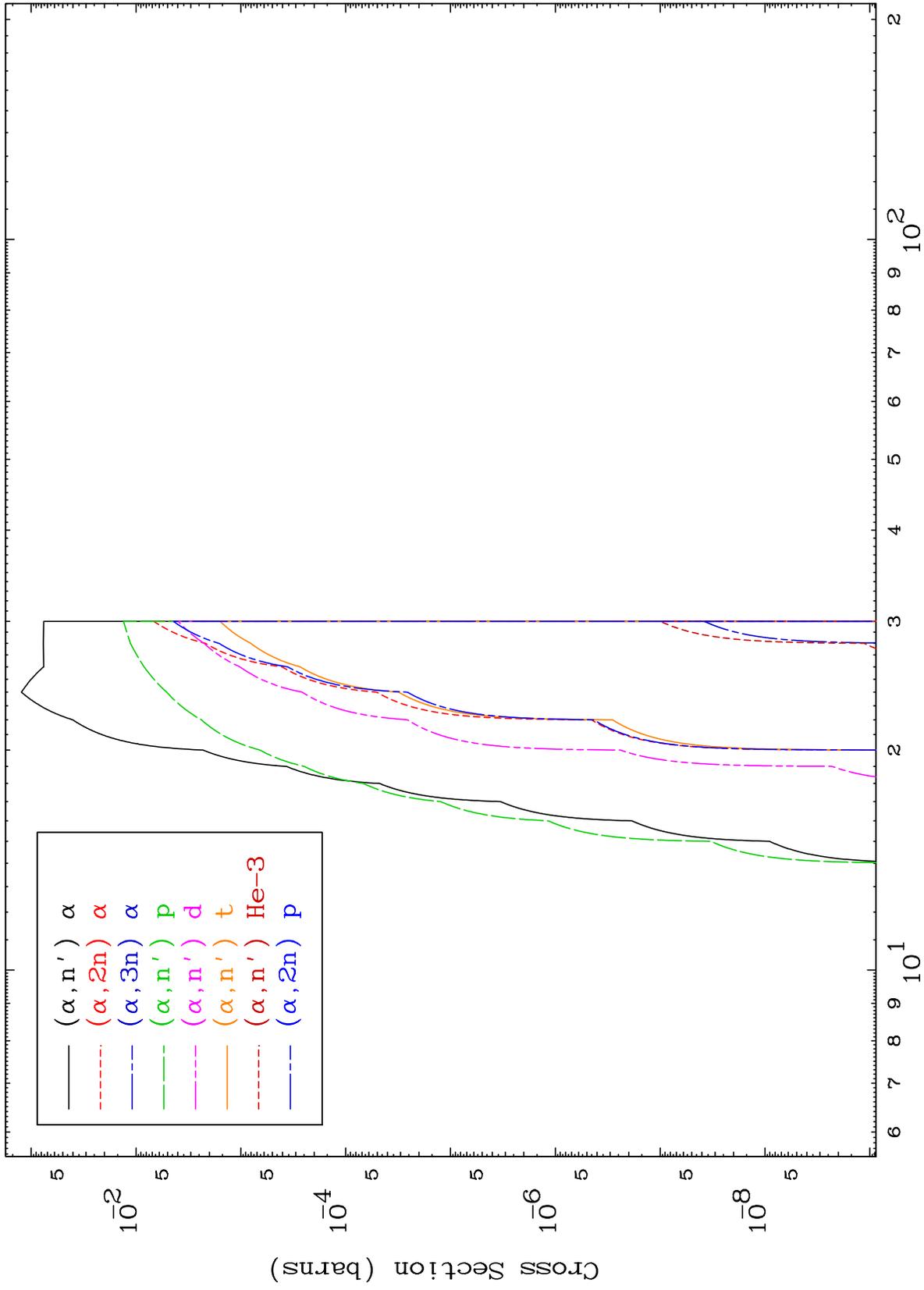
50-Sn-130



MAT 5080

α Charged Particle
0 Kelvin Cross Sections

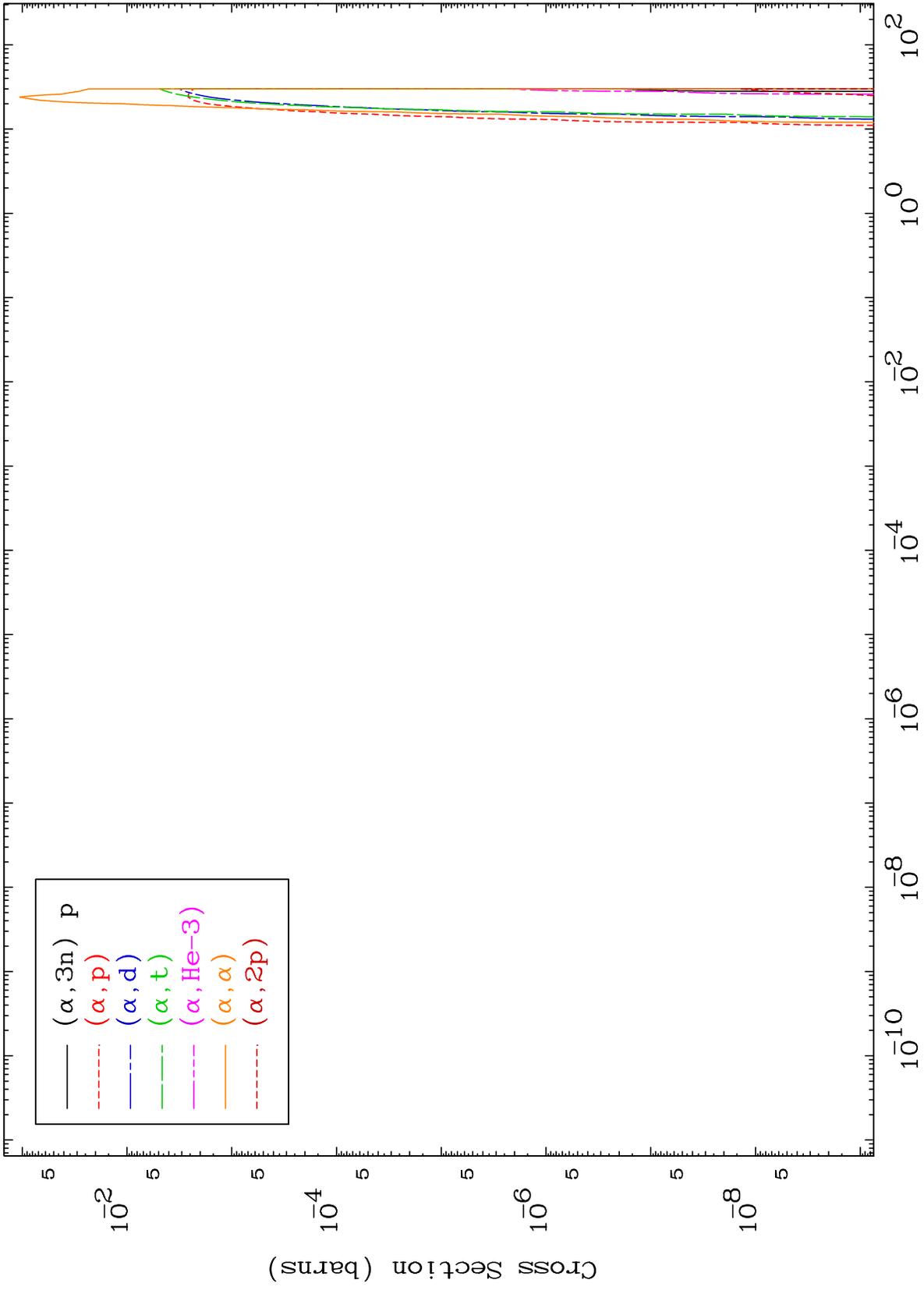
50-Sn-130



MAT 5080

α Charged Particle
0 Kelvin Cross Sections

50-Sn-130



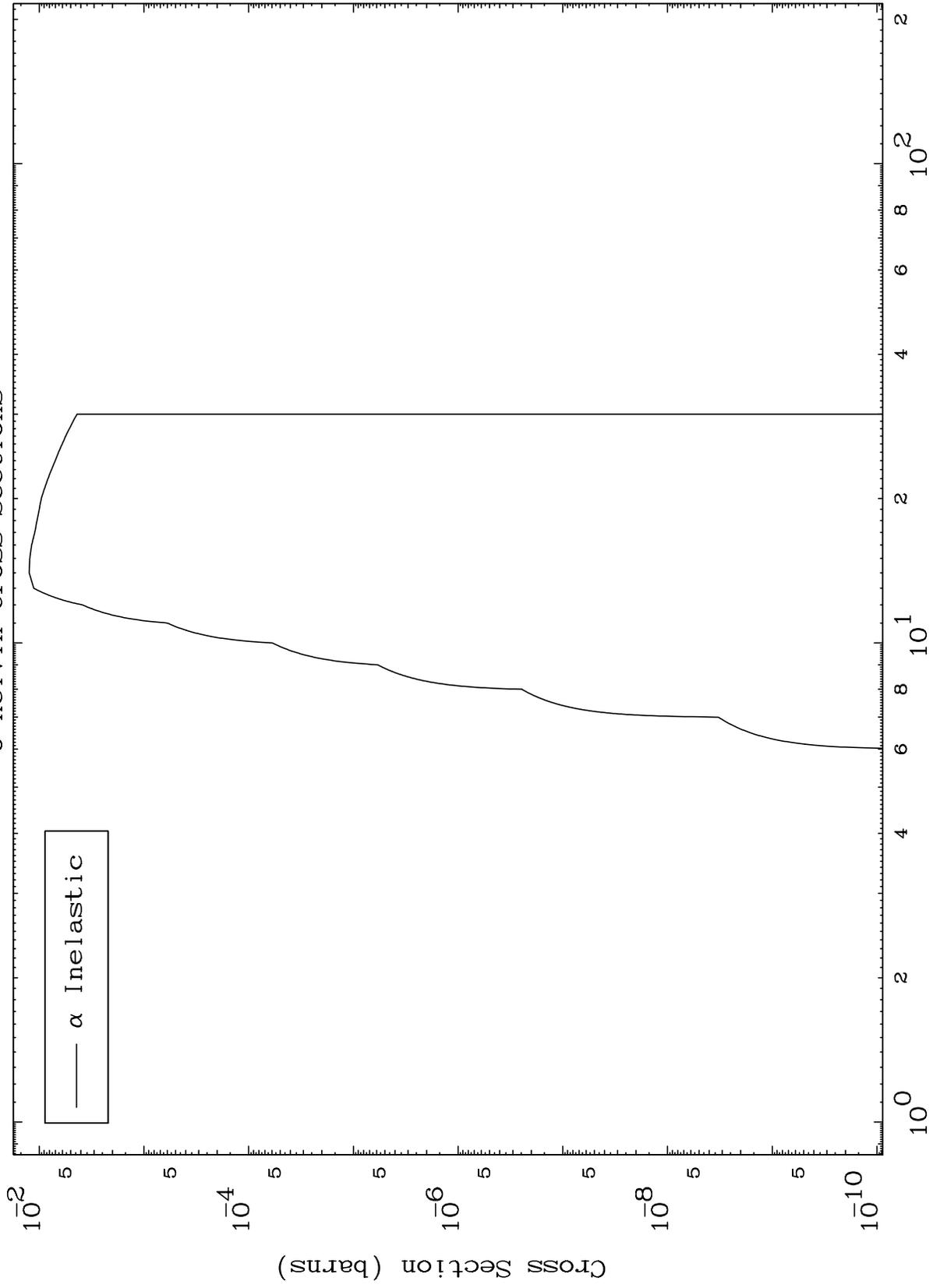
5

50-Sn-130

MAT 5080

(α, n') Level
0 Kelvin Cross Sections

50-Sn-130



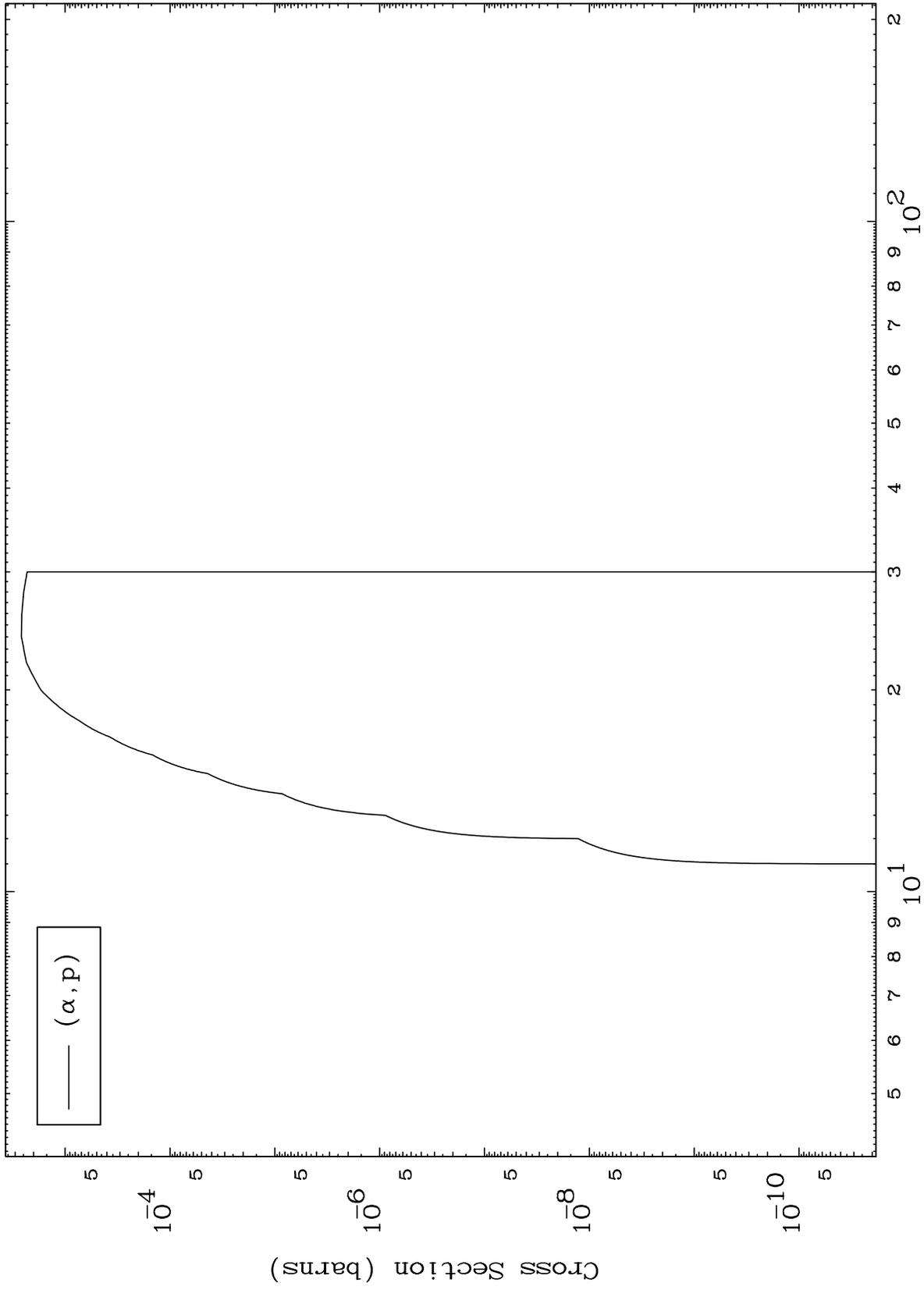
Incident Energy (MeV)

50-Sn-130

MAT 5080

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-130



7

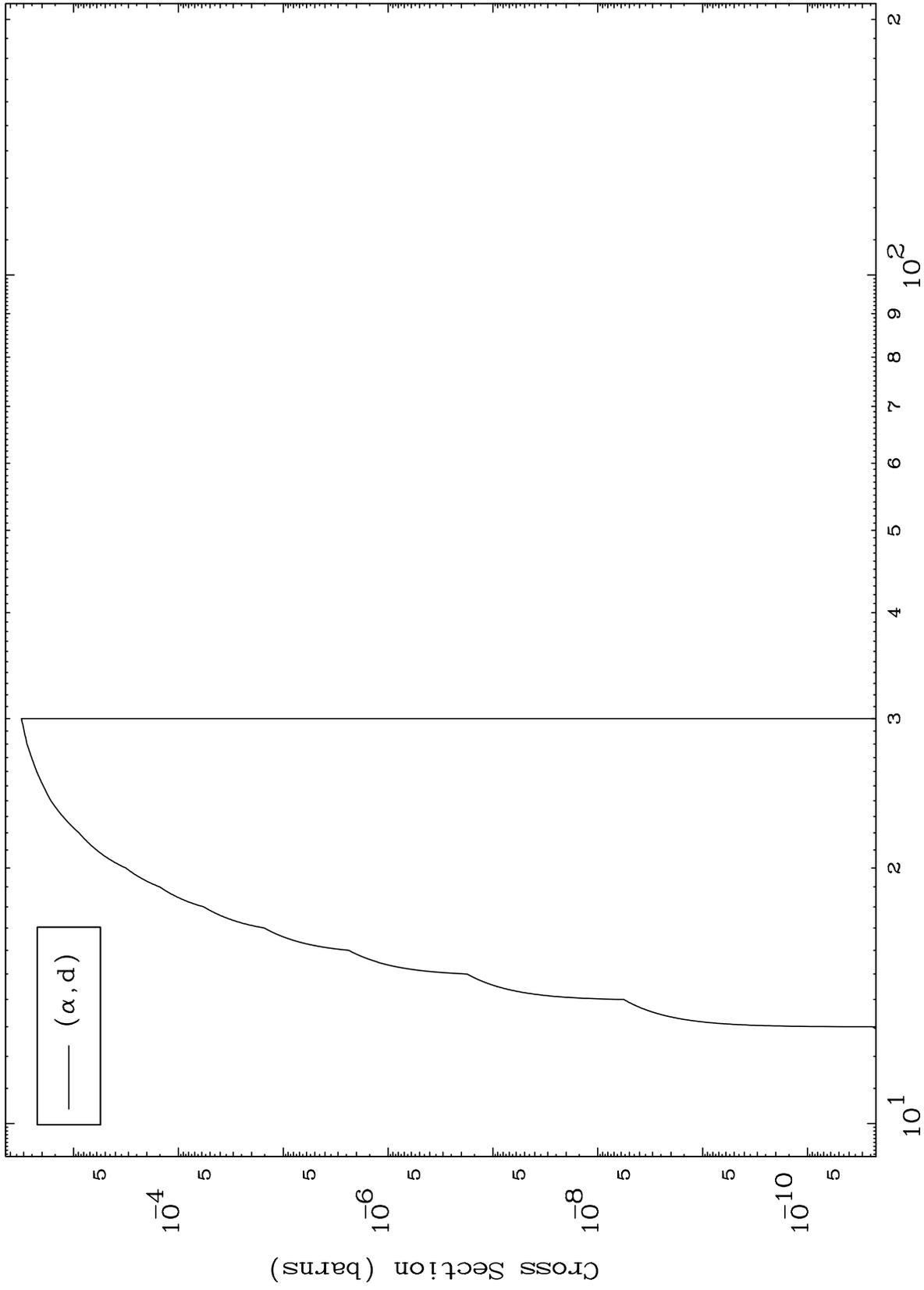
Incident Energy (MeV)

50-Sn-130

MAT 5080

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-130



8

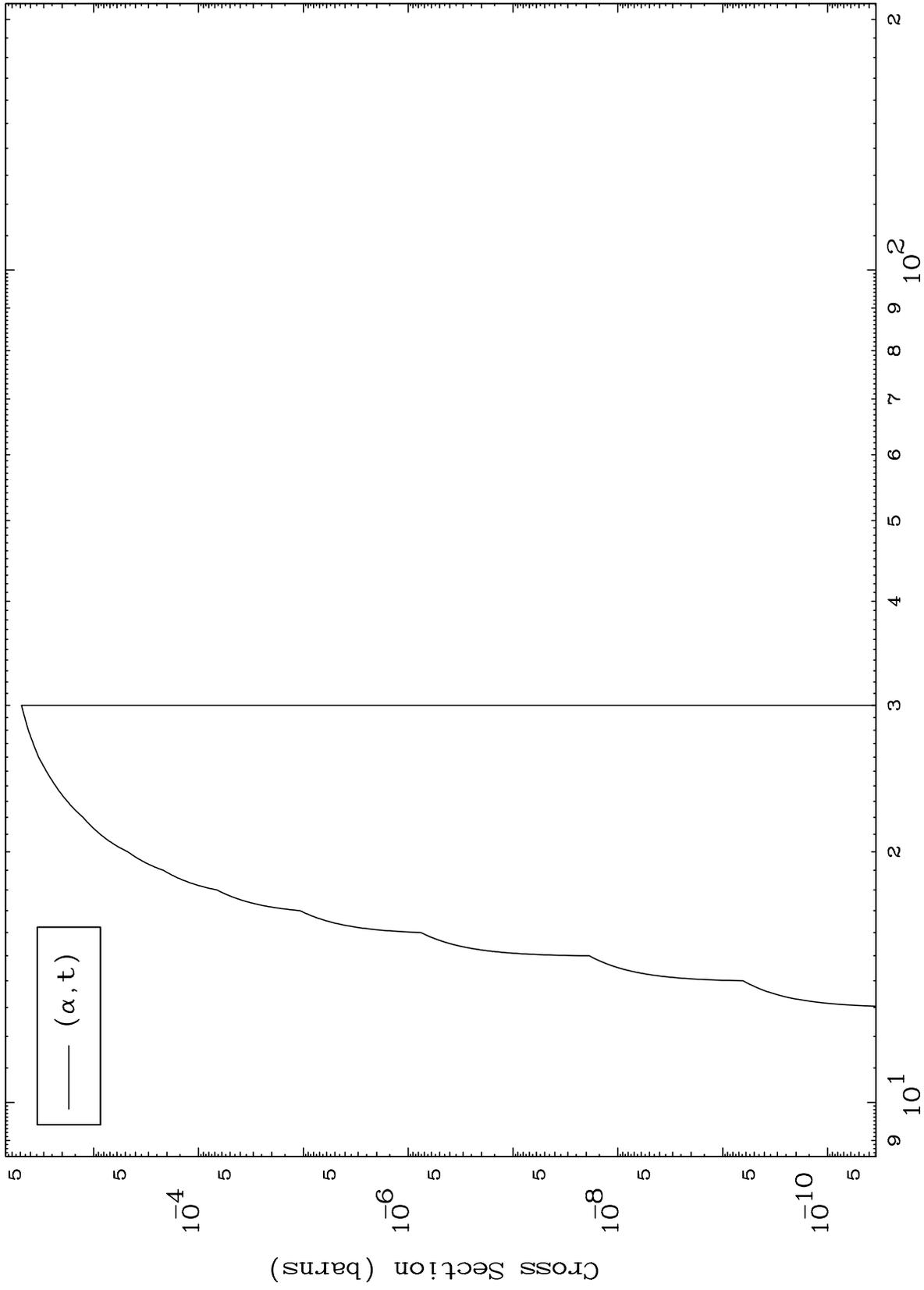
Incident Energy (MeV)

50-Sn-130

MAT 5080

(α, t) Levels
0 Kelvin Cross Sections

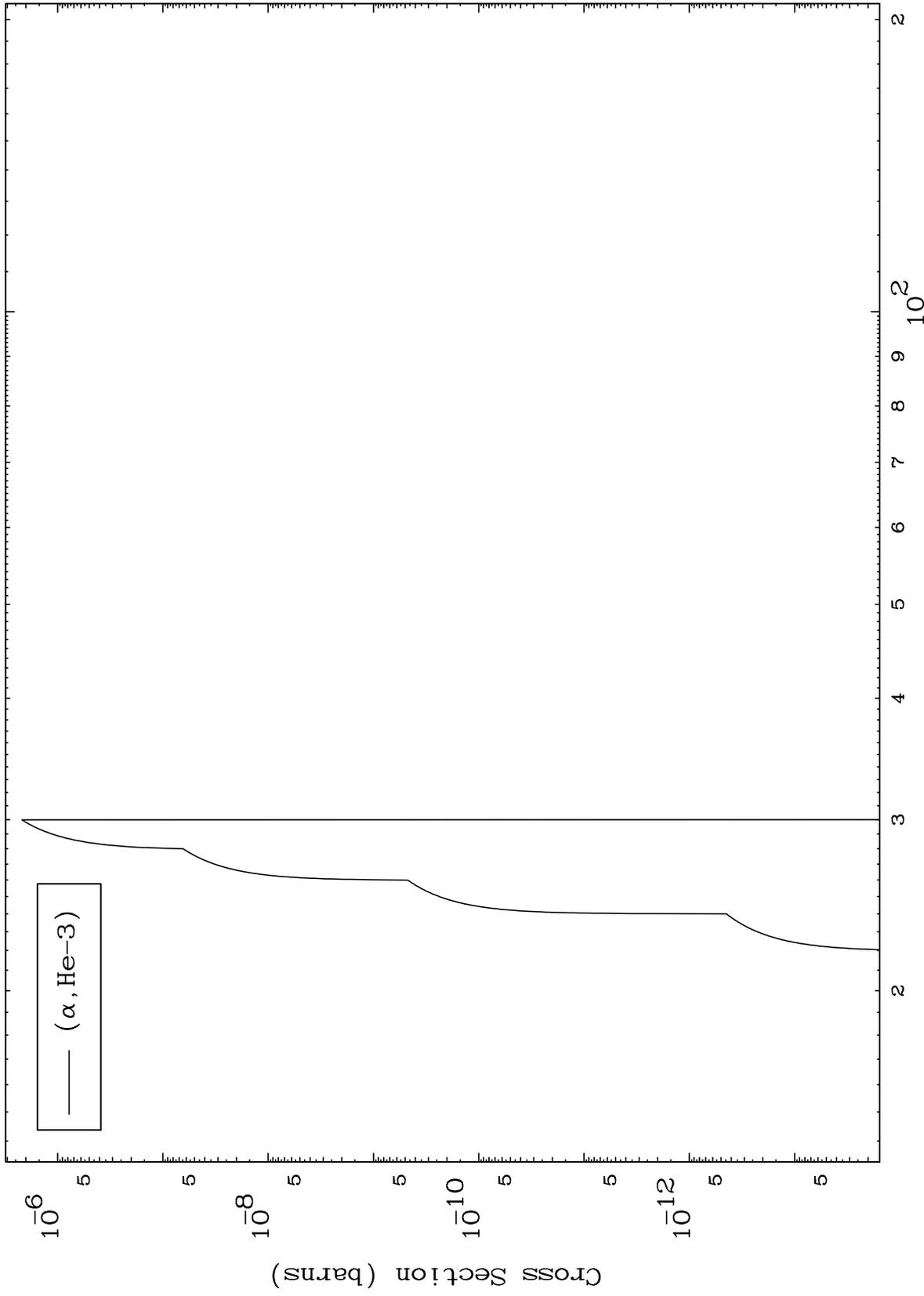
50-Sn-130



MAT 5080

(α ,He3) Levels
0 Kelvin Cross Sections

50-Sn-130



10

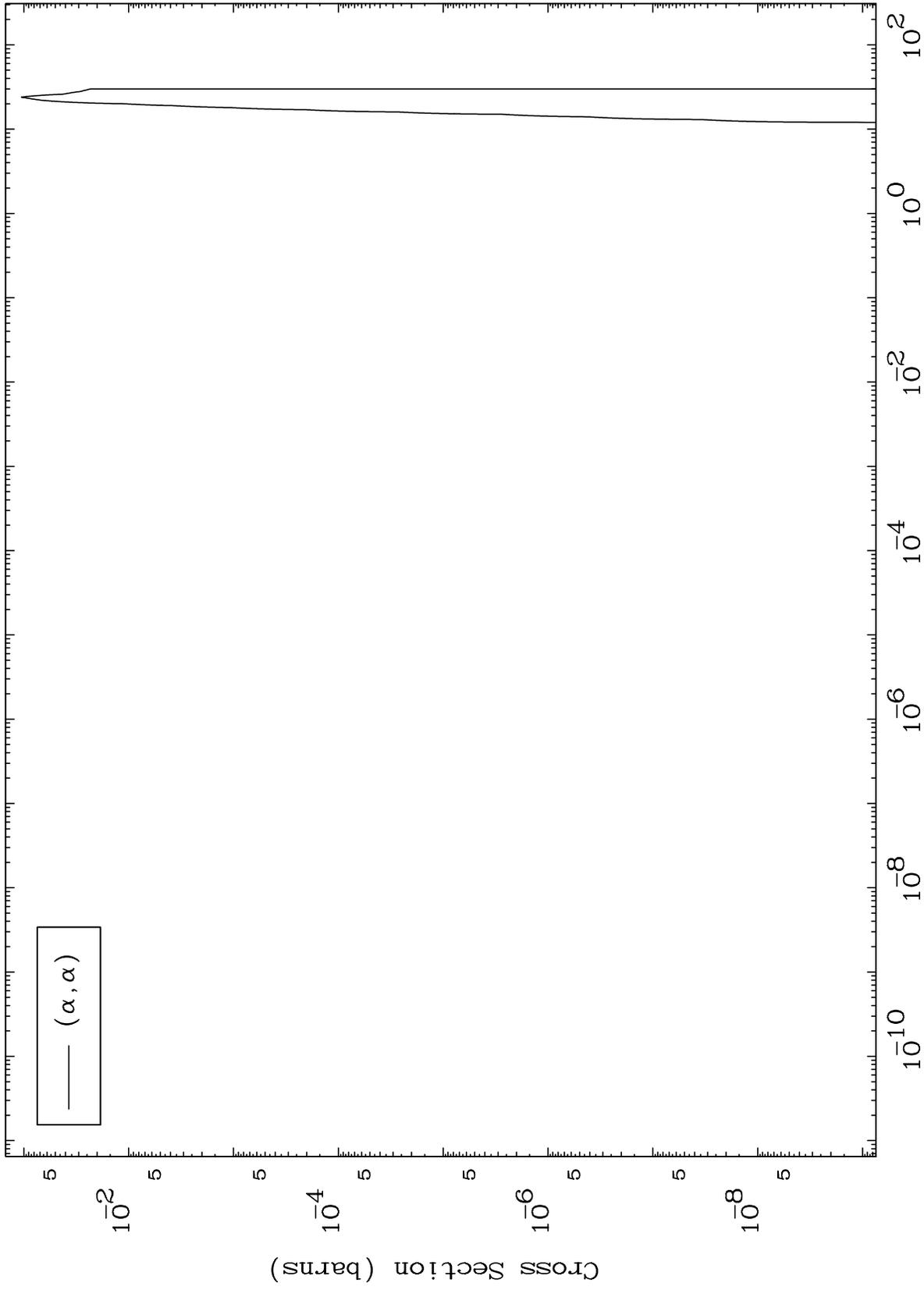
Incident Energy (MeV)

50-Sn-130

MAT 5080

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-130



11

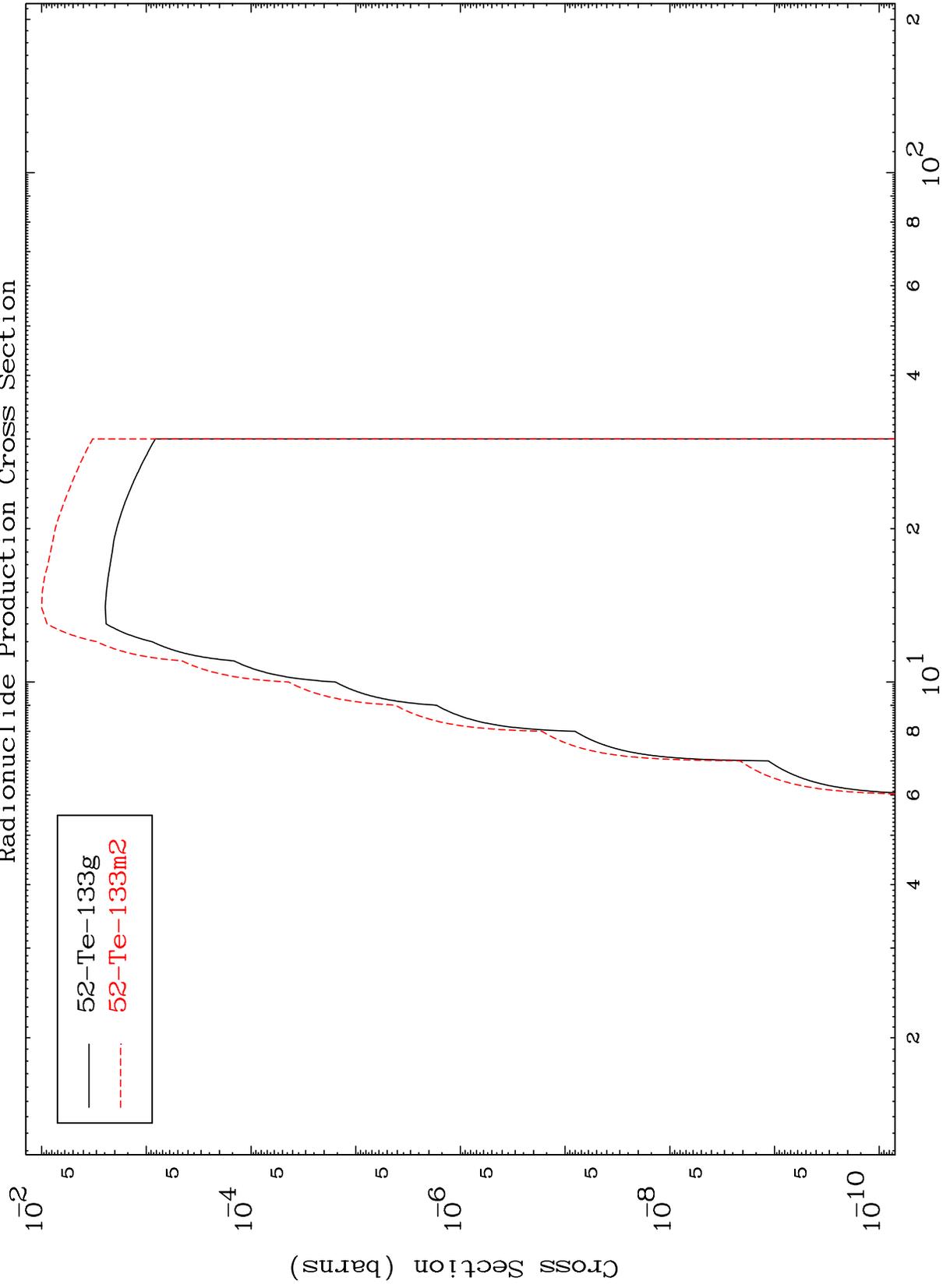
Incident Energy (MeV)

50-Sn-130

MAT 5080

Radionuclide Production Cross Section

50-Sn-130



12

Incident Energy (MeV)

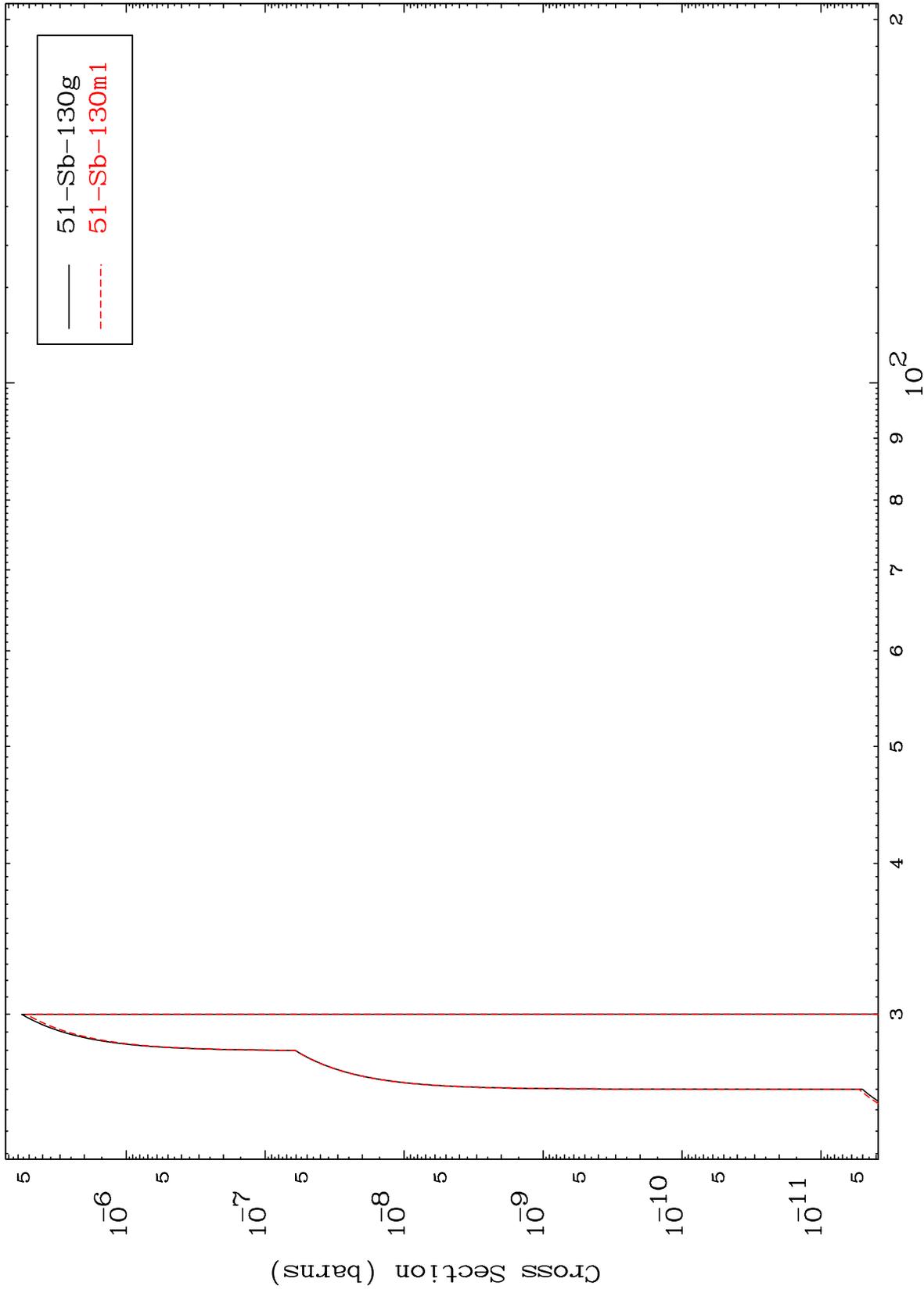
50-Sn-130

MAT 5080

($\alpha, 2n$) d

50-Sn-130

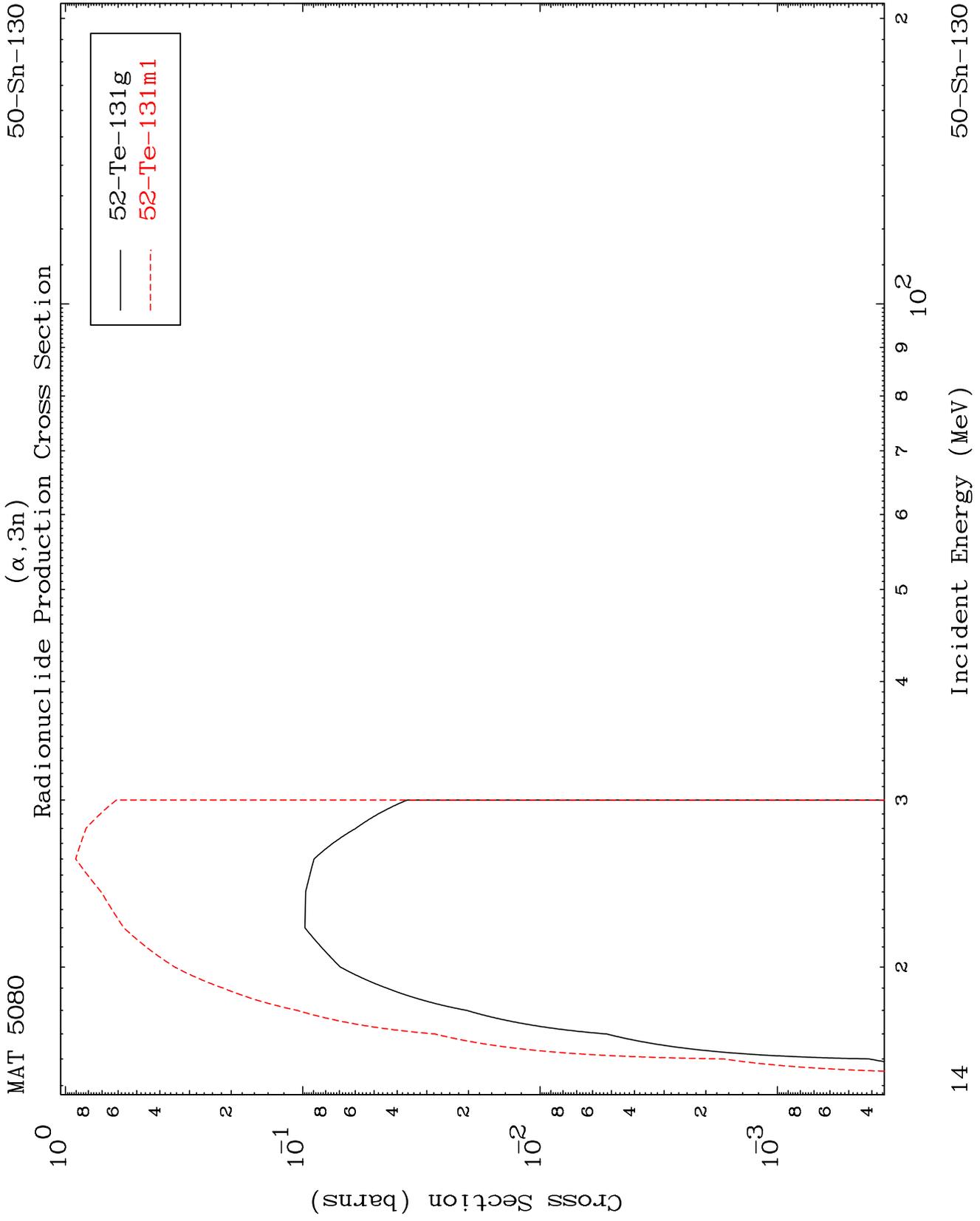
Radionuclide Production Cross Section



13

Incident Energy (MeV)

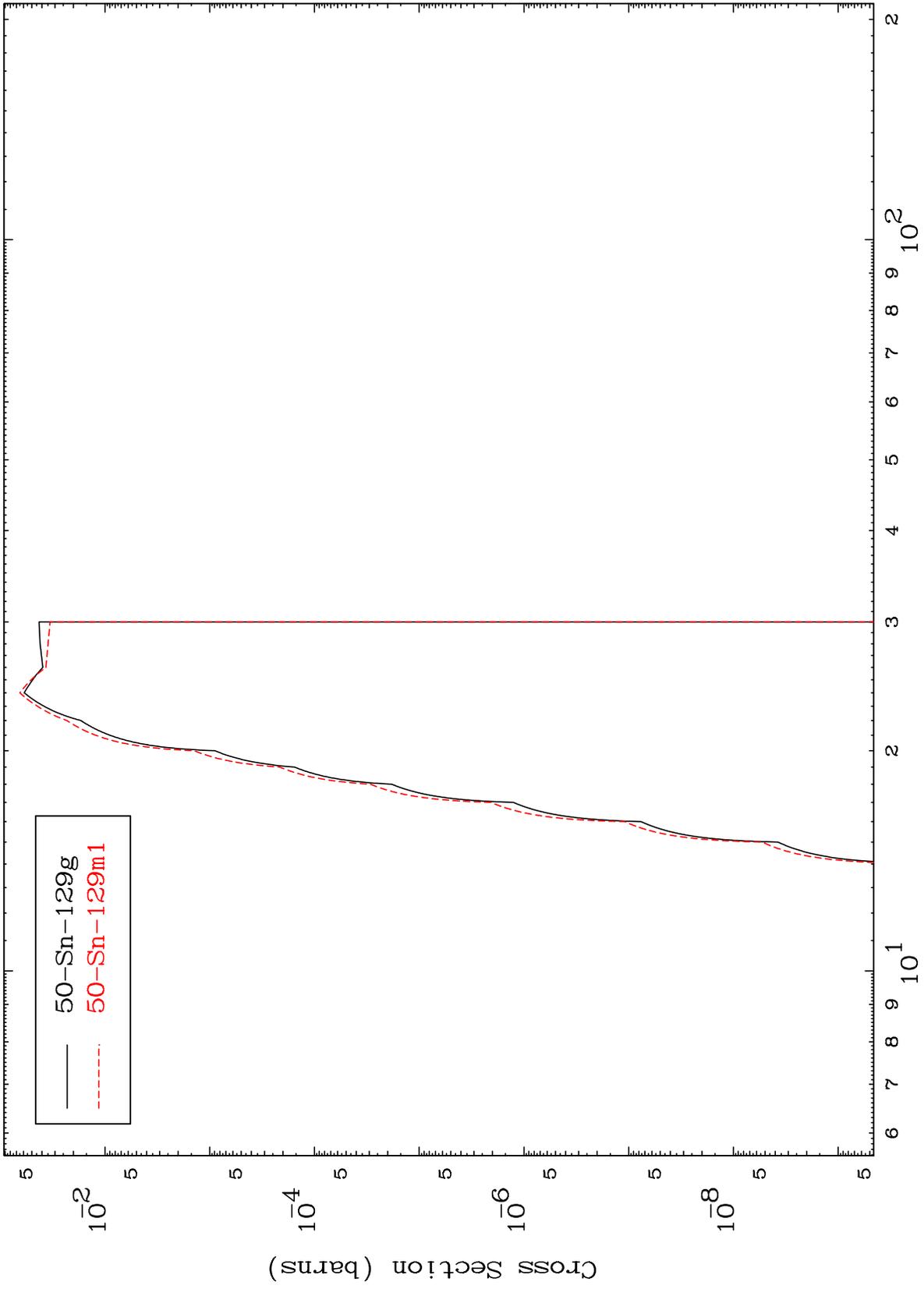
50-Sn-130



MAT 5080

50-Sn-130

(α, n') α
Radionuclide Production Cross Section



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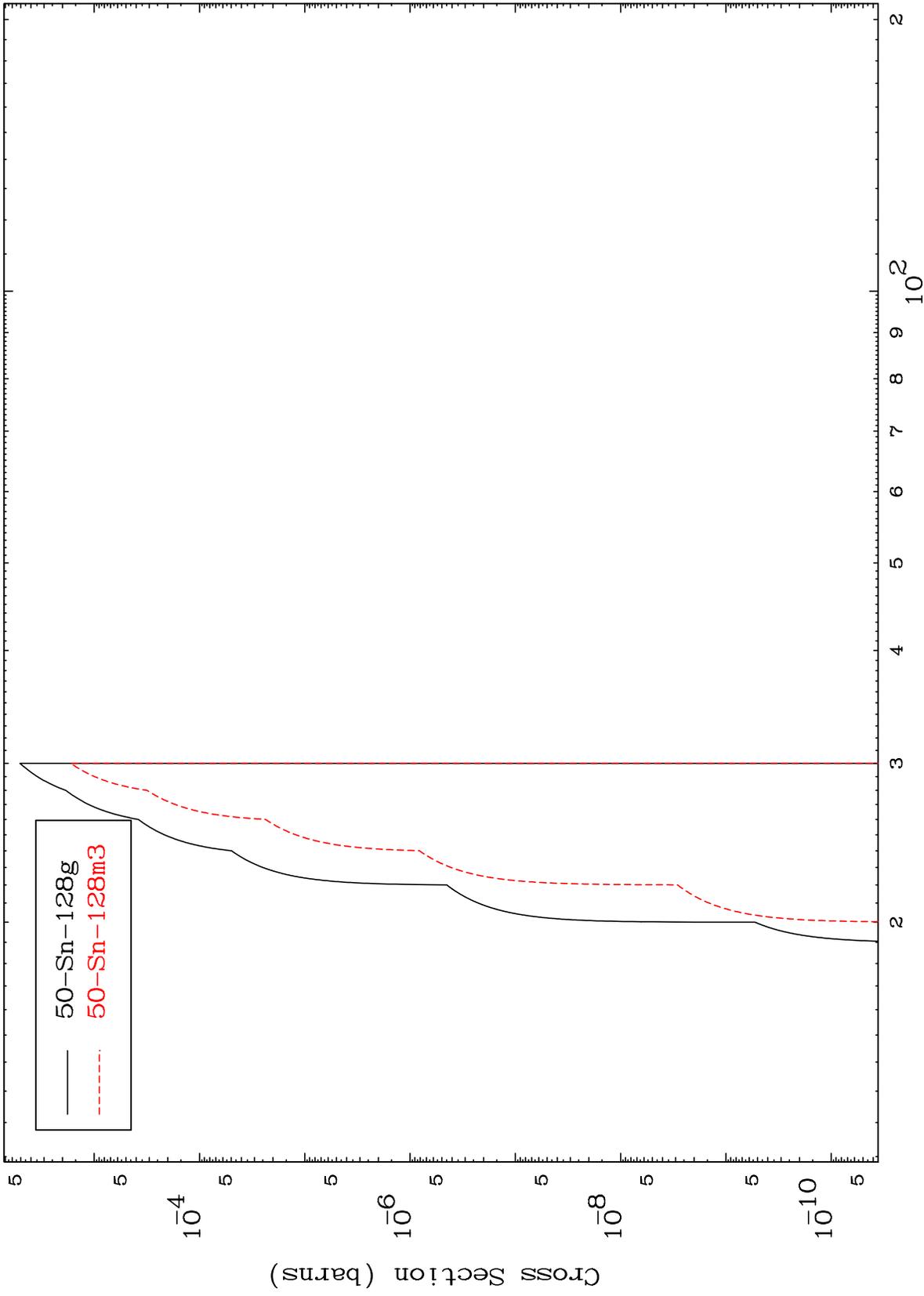
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

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



16

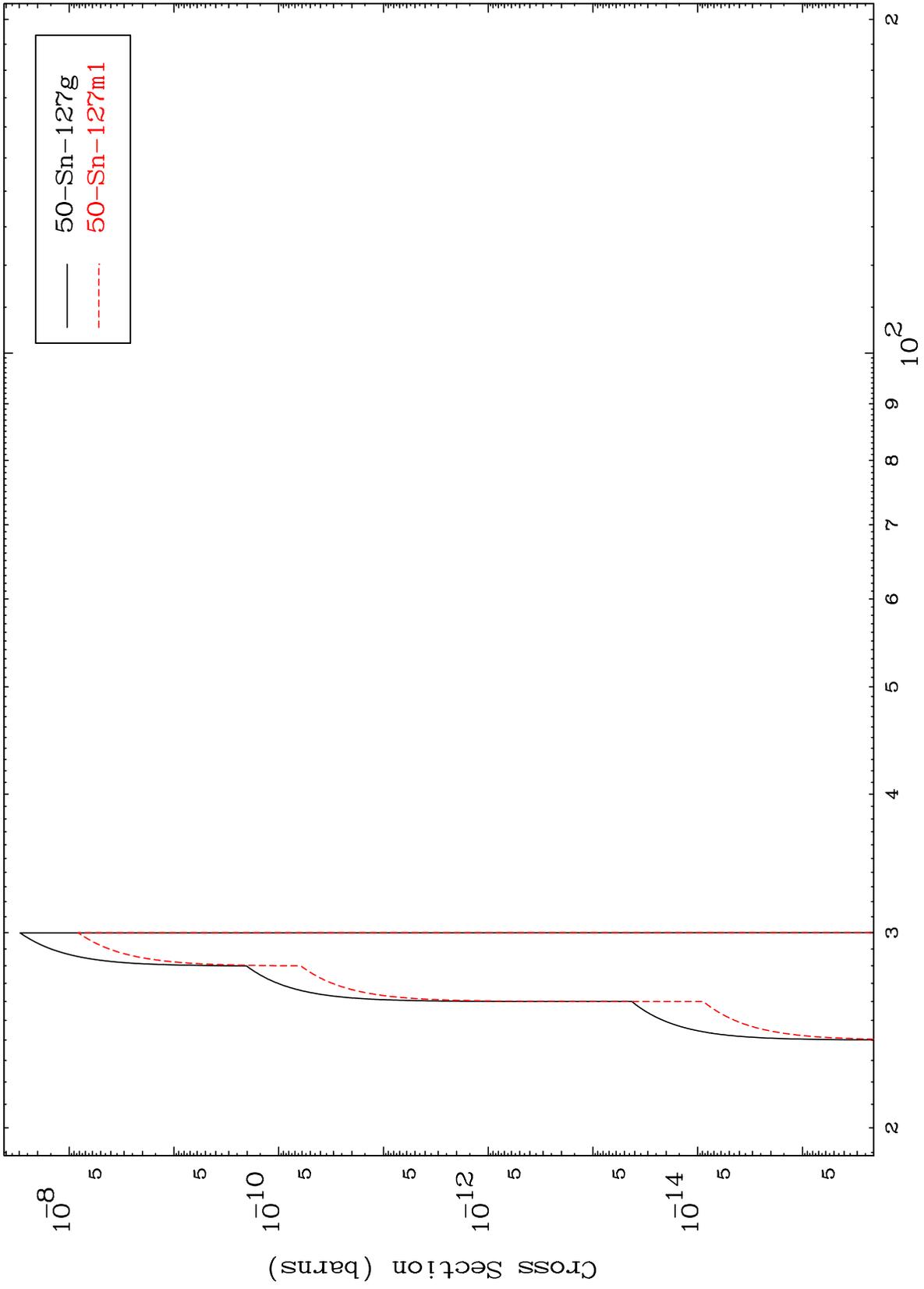
50-Sn-130

MAT 5080

$(\alpha, 3n) \alpha$

50-Sn-130

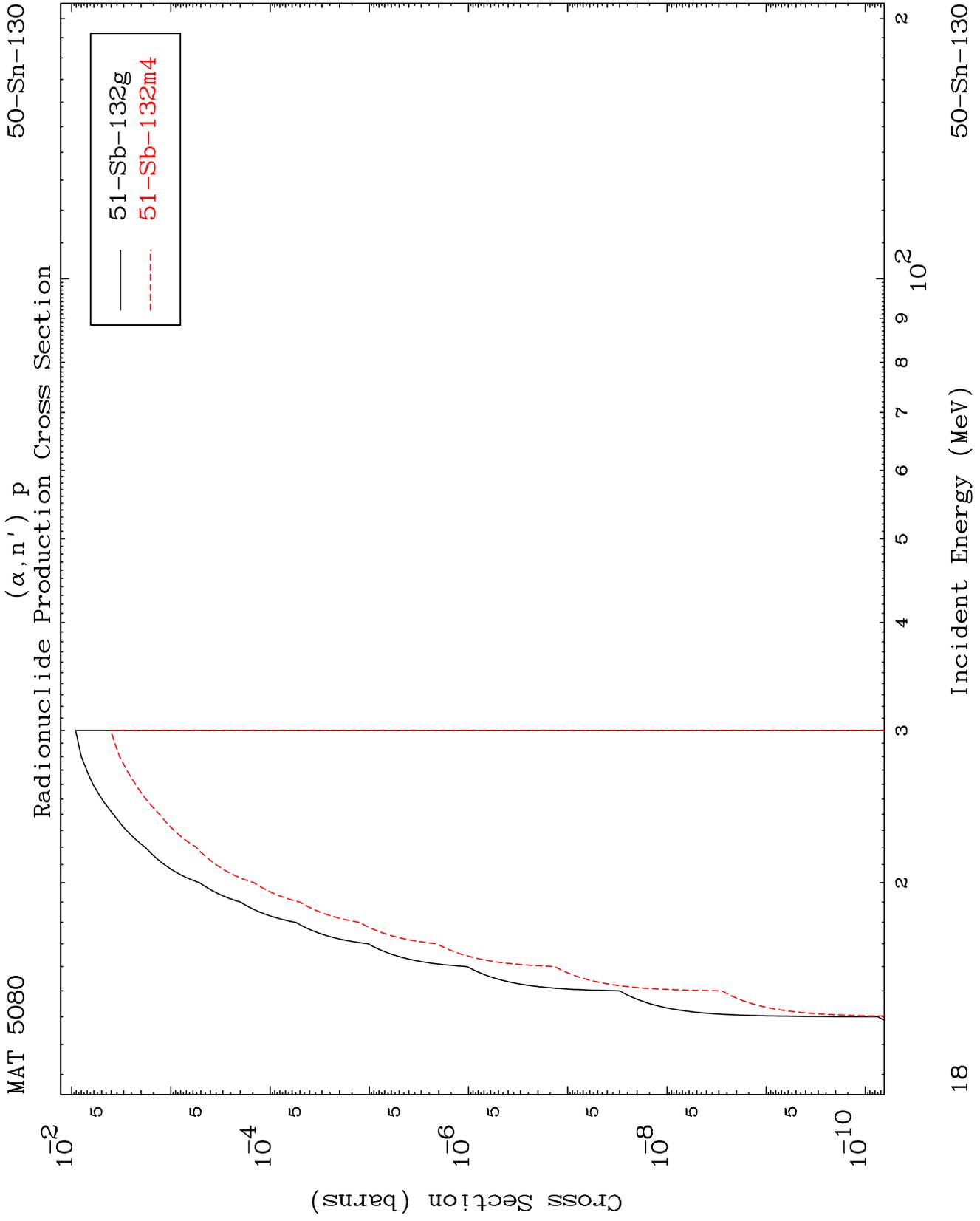
Radionuclide Production Cross Section



17

Incident Energy (MeV)

50-Sn-130

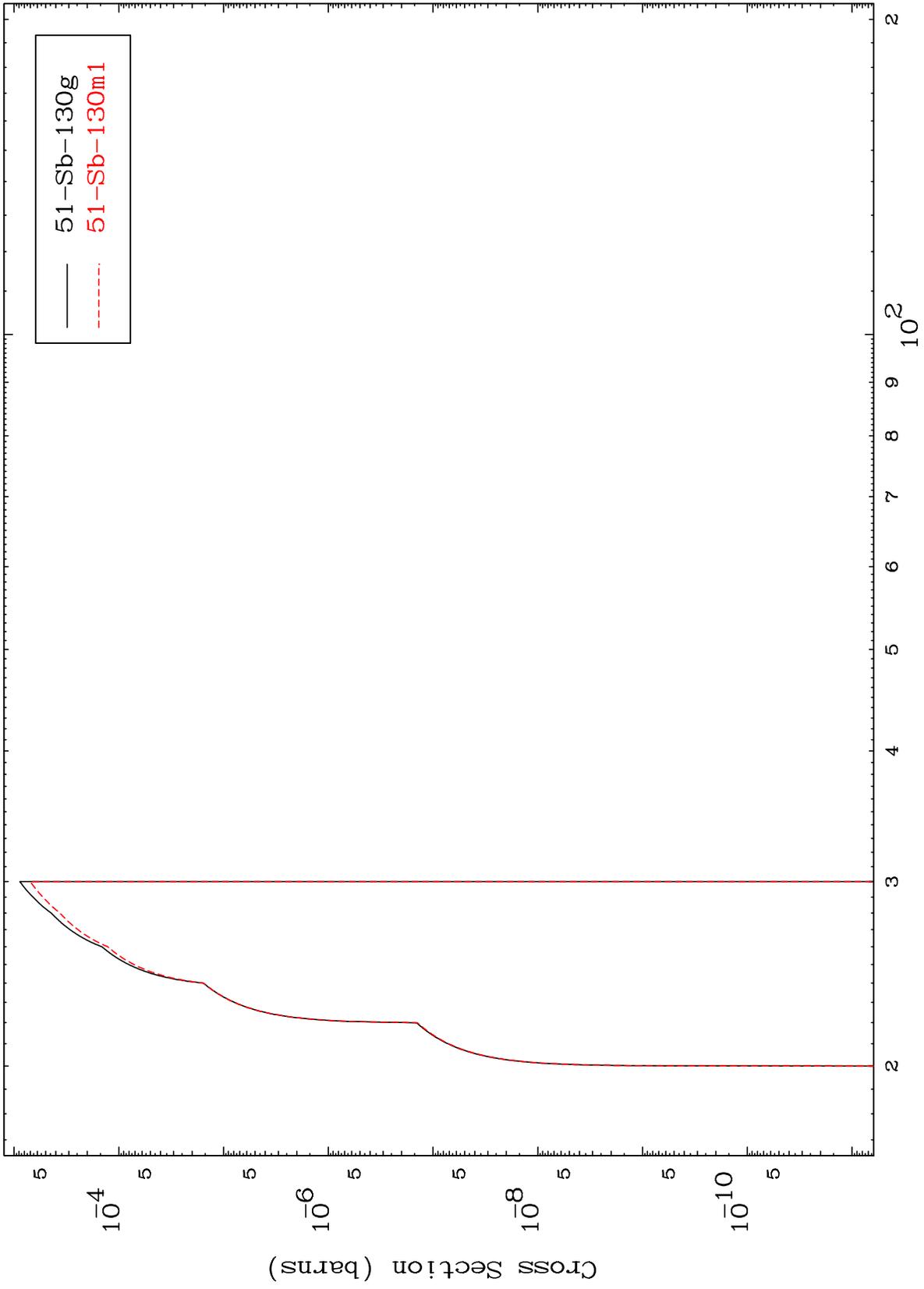


MAT 5080

(α, n') t

50-Sn-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

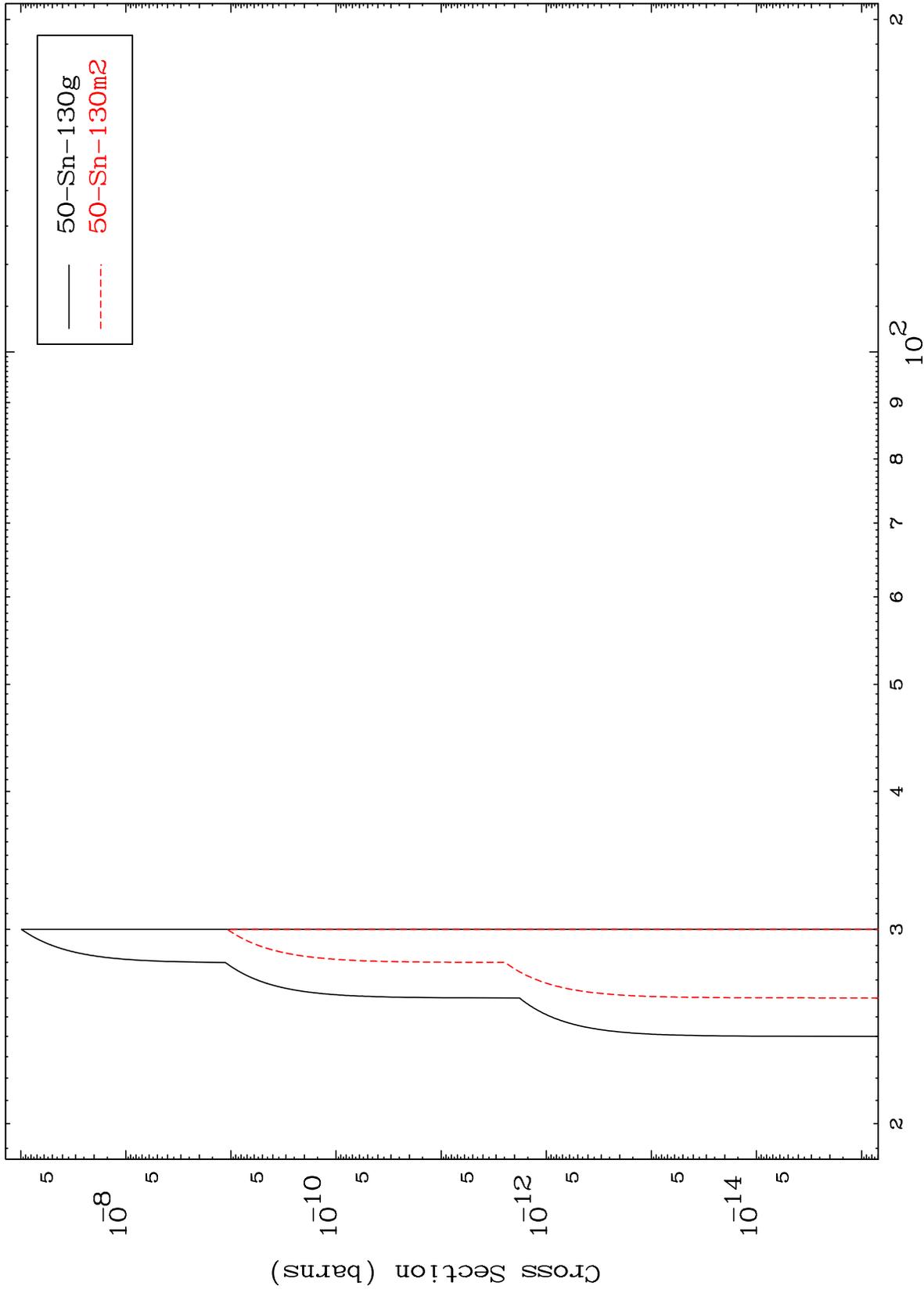
50-Sn-130

MAT 5080

(α, n') He-3

50-Sn-130

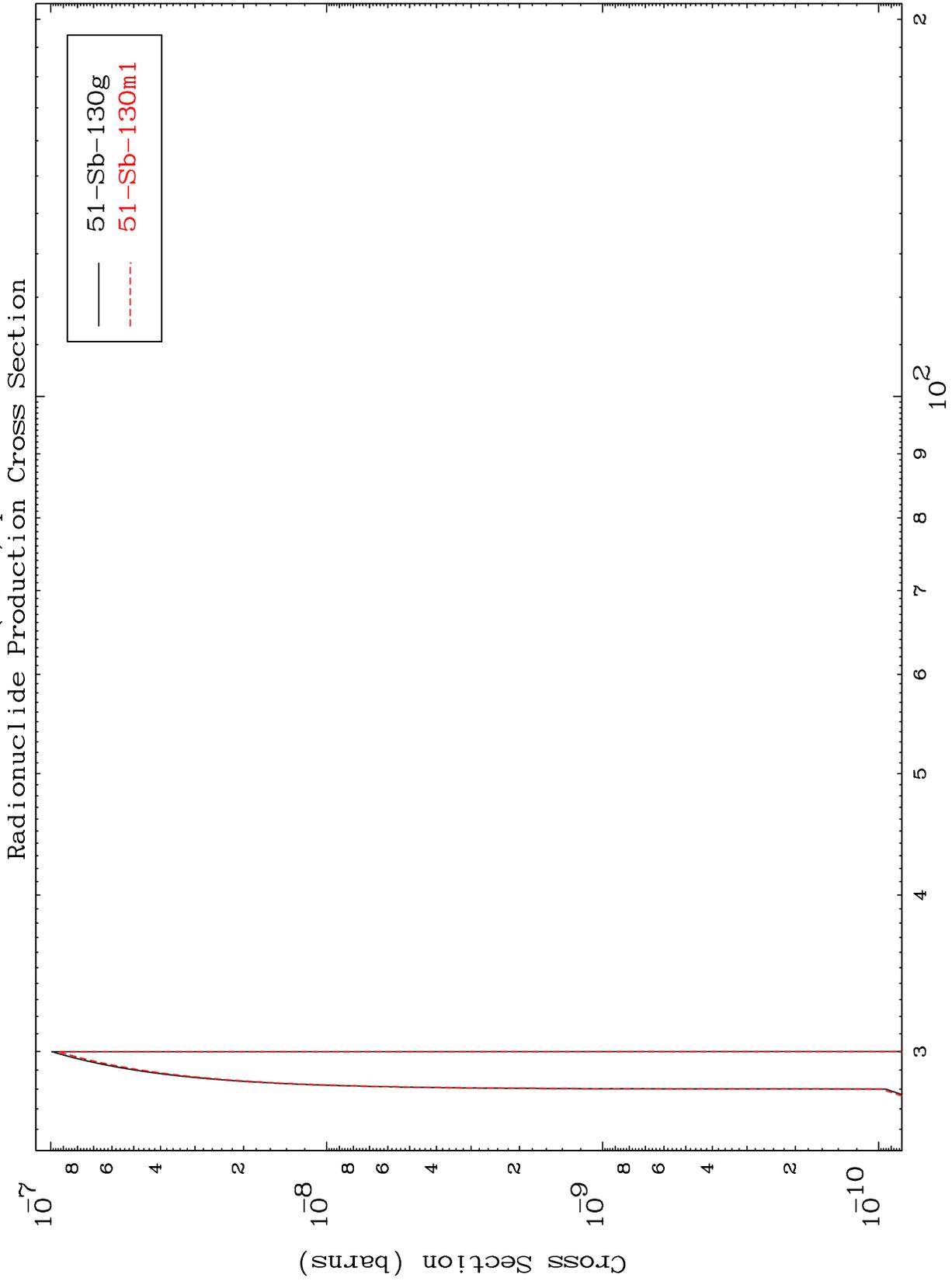
Radionuclide Production Cross Section



20

Incident Energy (MeV)

50-Sn-130

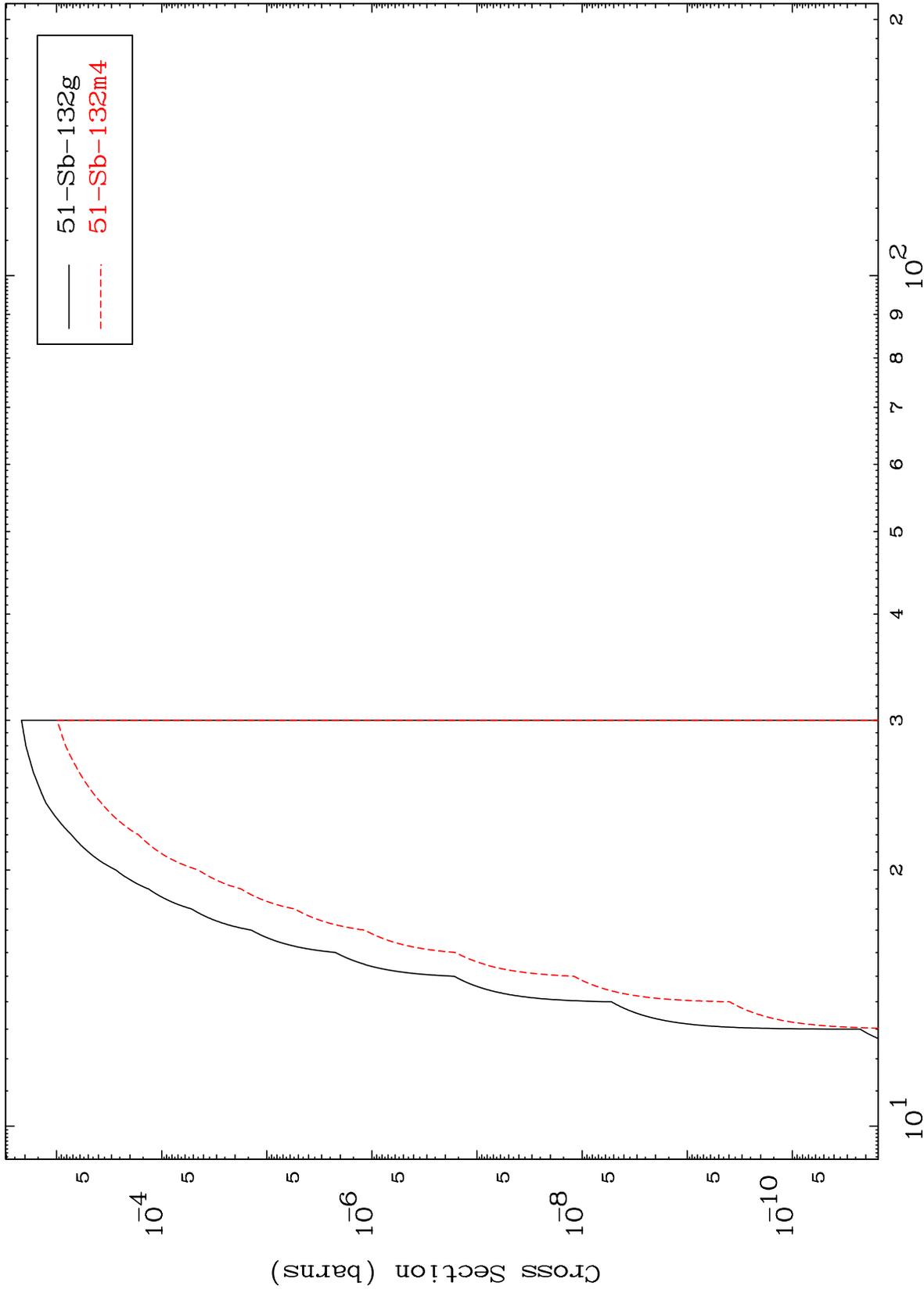


MAT 5080

(α, d)

50-Sn-130

Radionuclide Production Cross Section



22

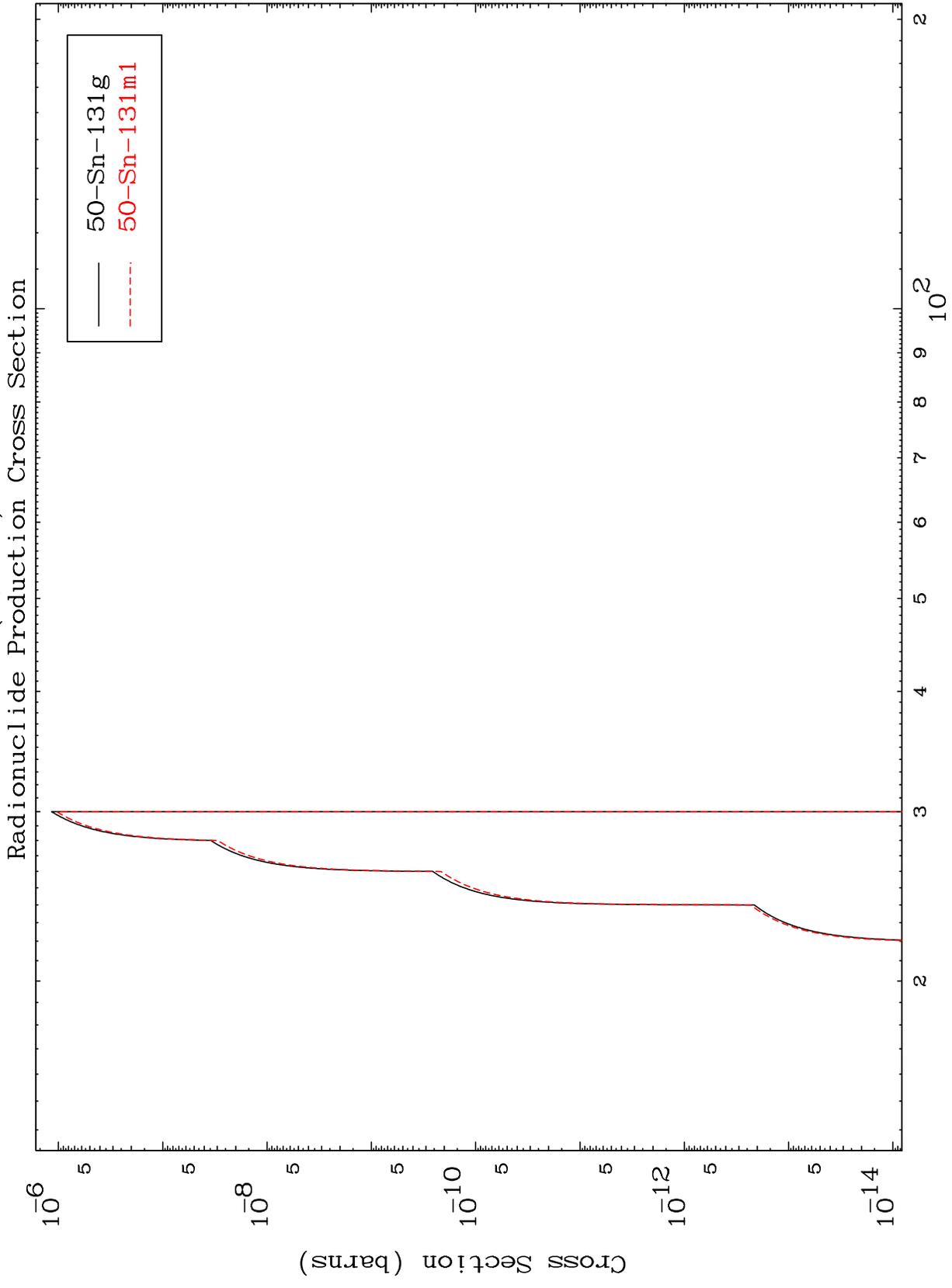
Incident Energy (MeV)

50-Sn-130

MAT 5080

($\alpha, \text{He-3}$)

50-Sn-130



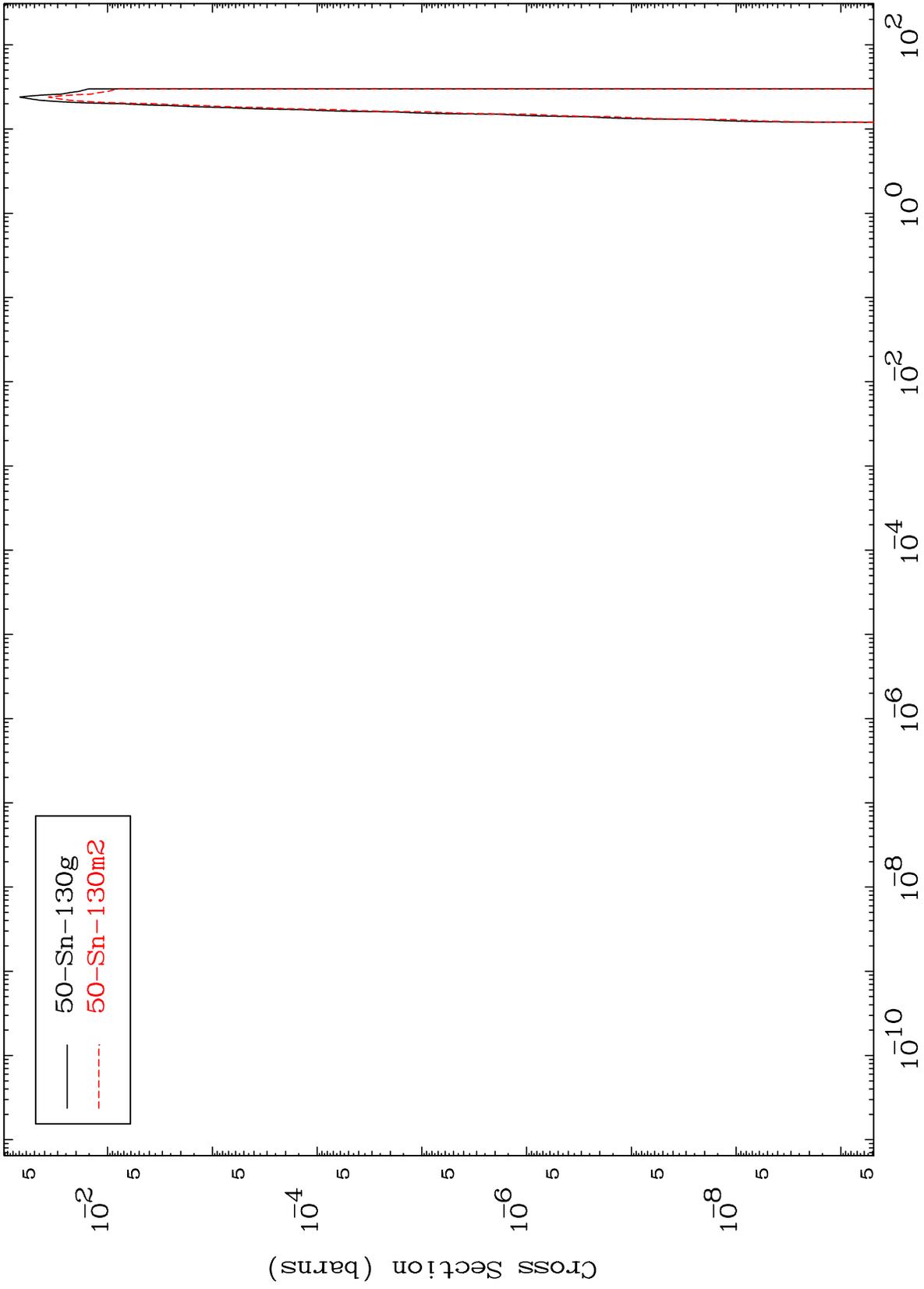
23

50-Sn-130

MAT 5080

50-Sn-130

(α, α)
Radionuclide Production Cross Section



24

50-Sn-130