

Program EVALPLOT
(Version 2018-1)

by

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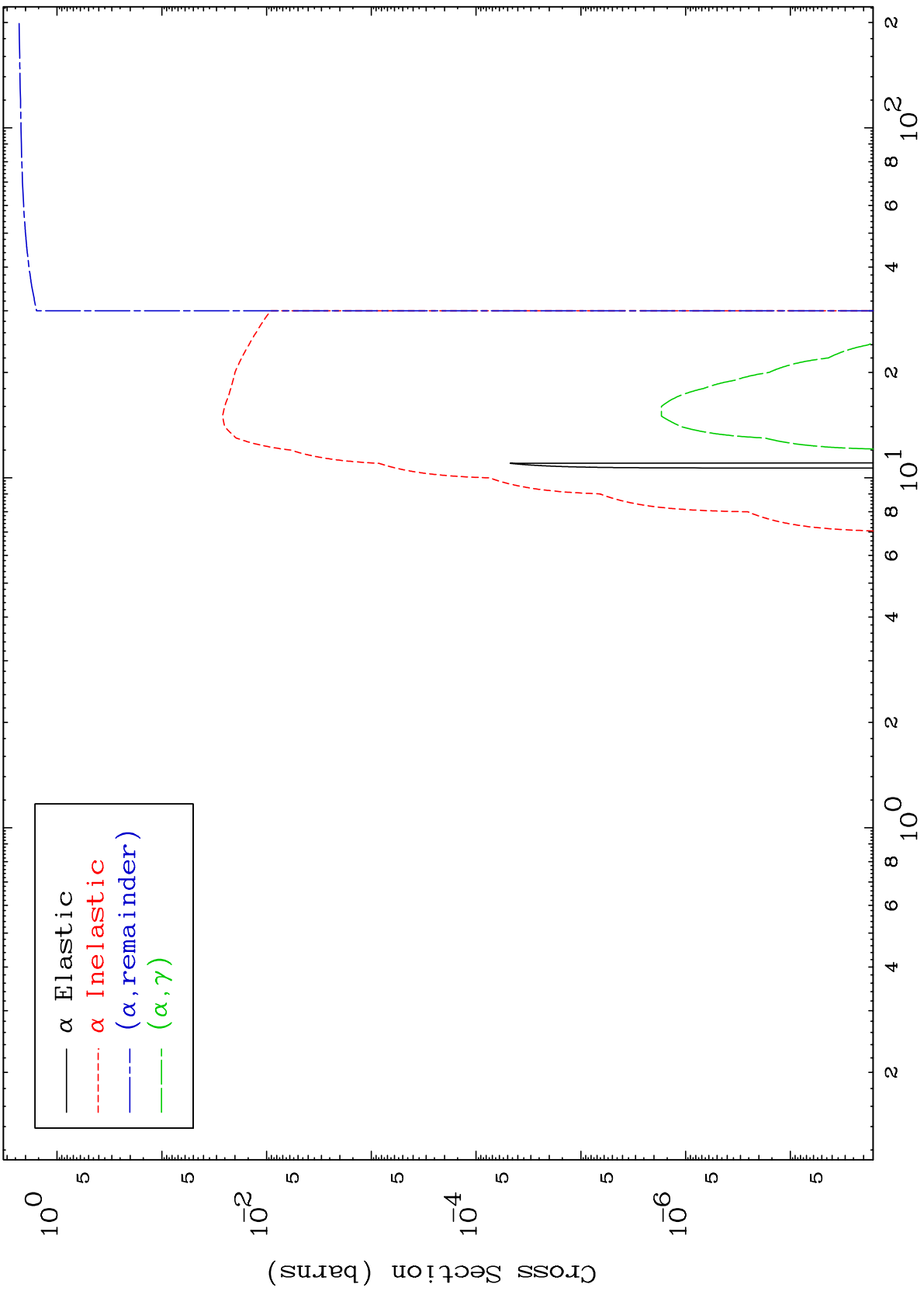
Press Mouse Button to Start

MAT 5079

α Major

50-Sn-130

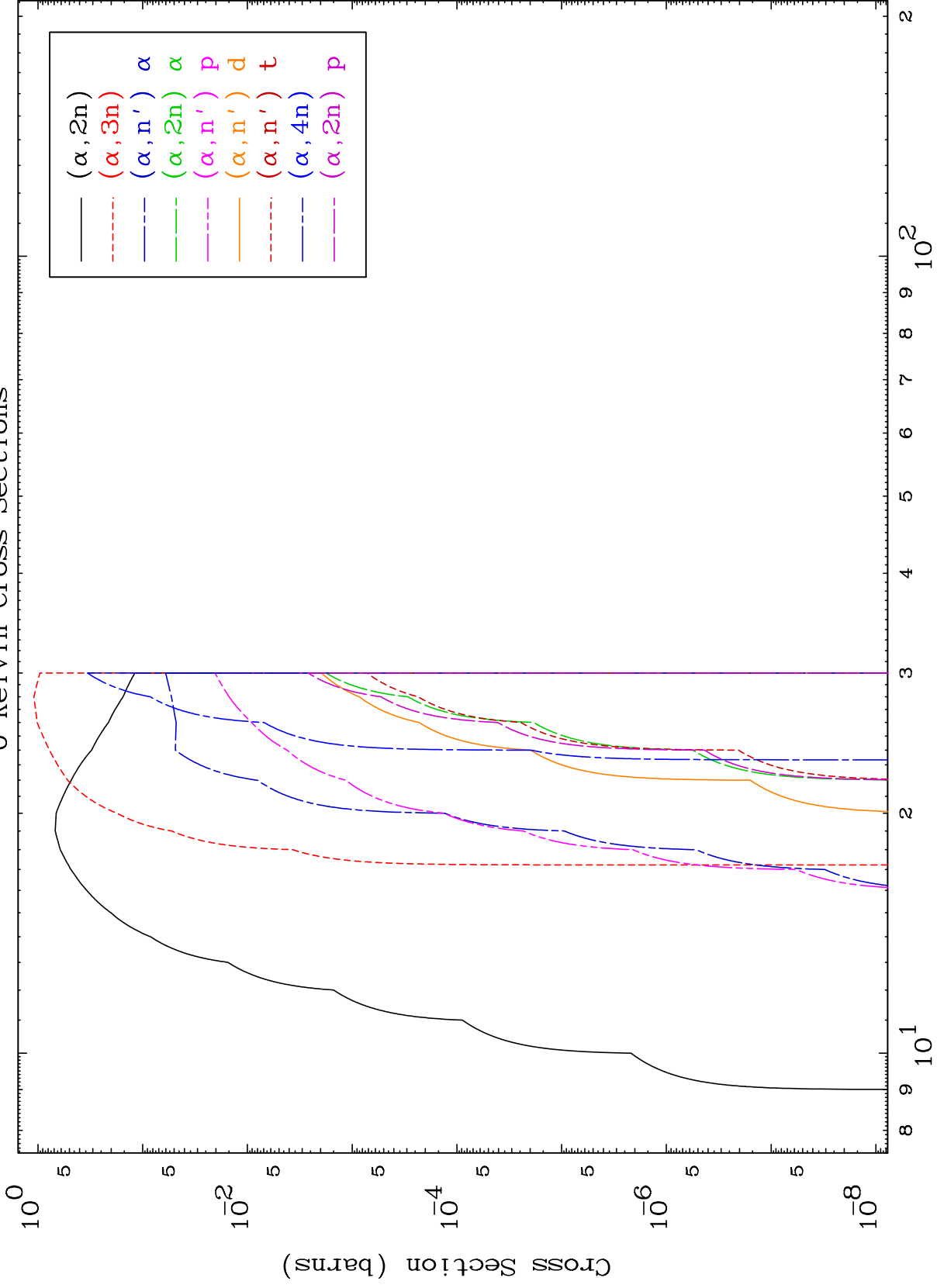
0 Kelvin Cross Sections



MAT 5079

α Neutron Production
0 Kelvin Cross Sections

50-Sn-130



2

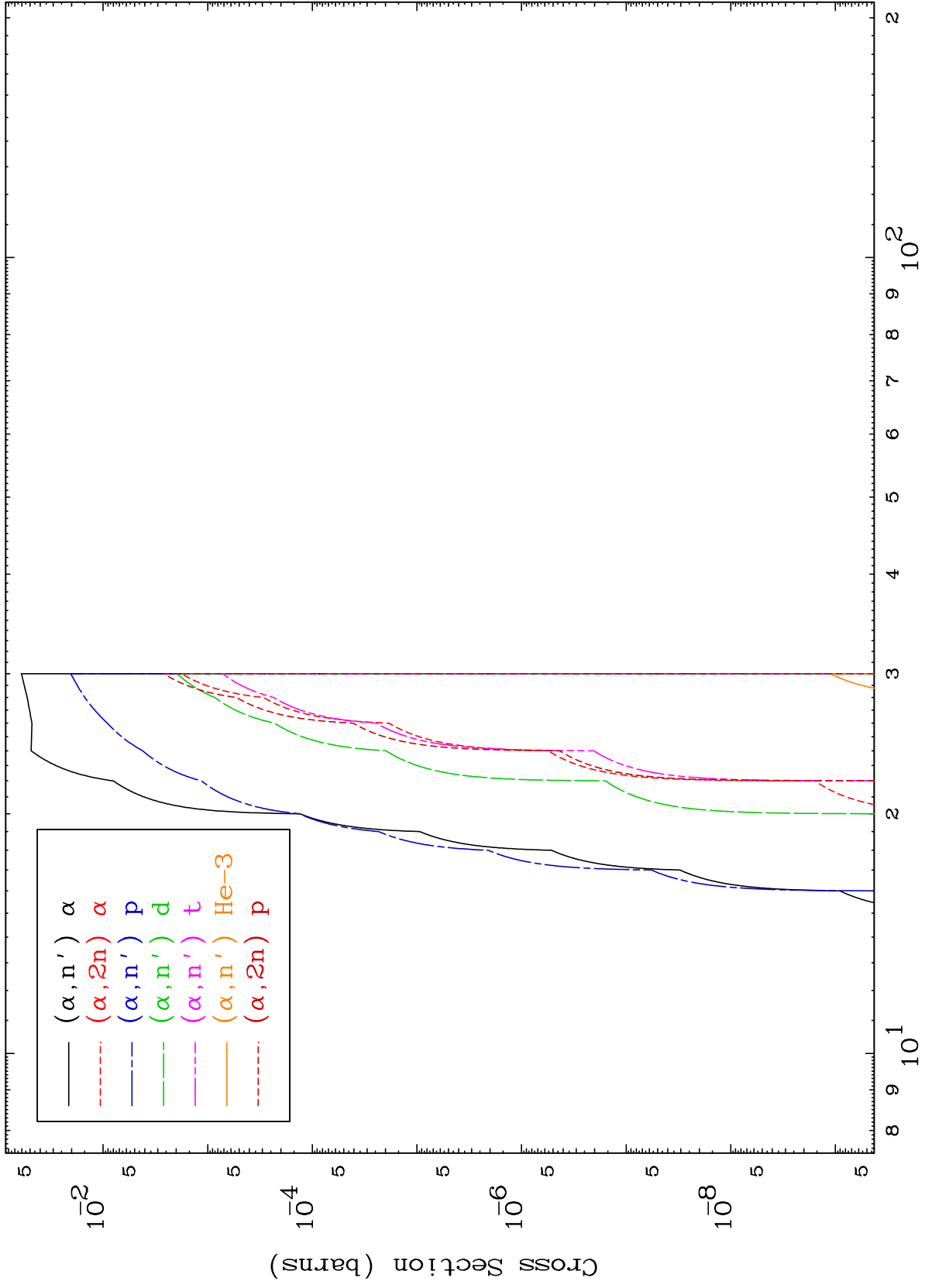
Incident Energy (MeV)

50-Sn-130

MAT 5079

α Charged Particle
0 Kelvin Cross Sections

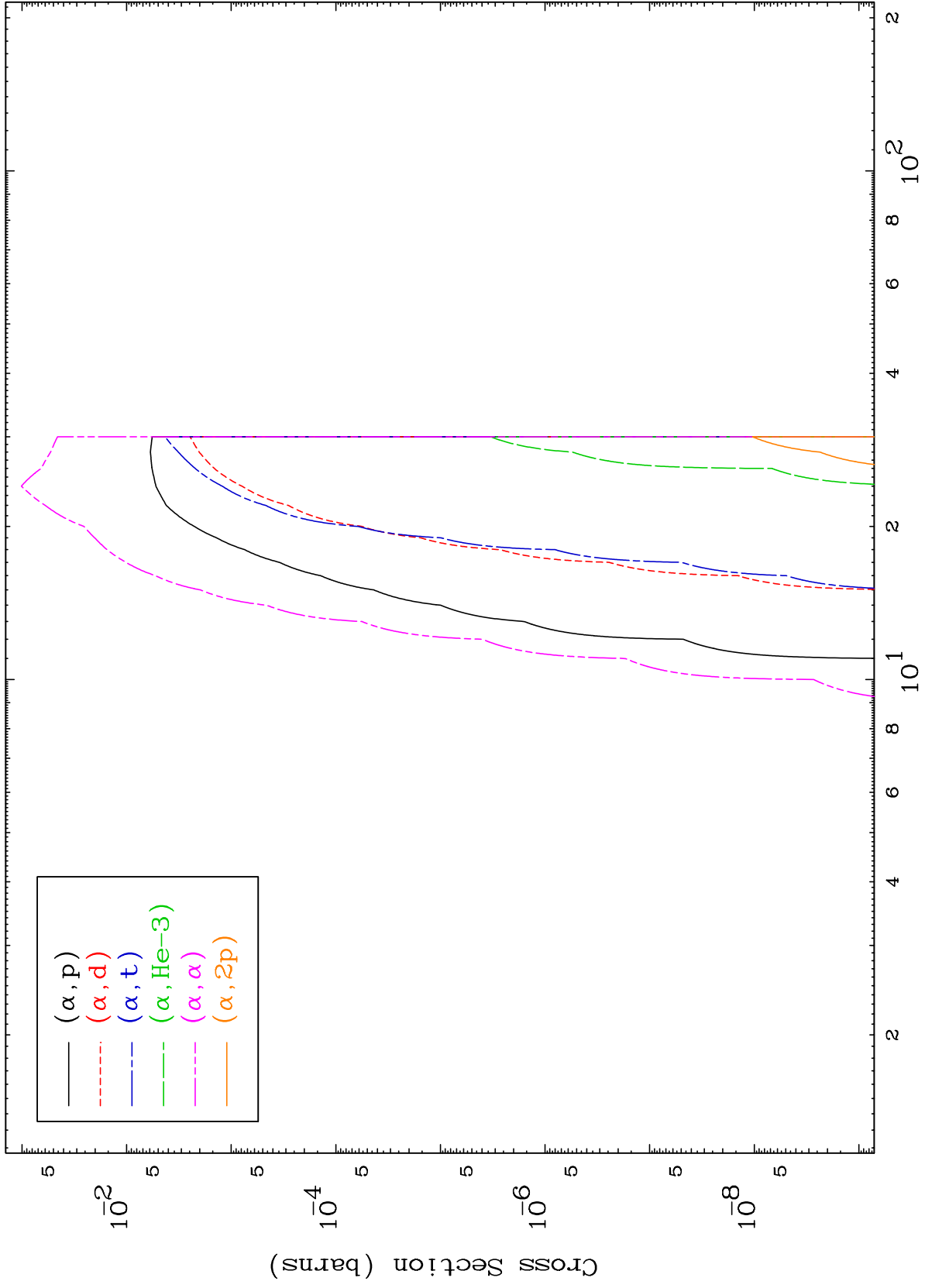
50-Sn-130



3

Incident Energy (MeV)

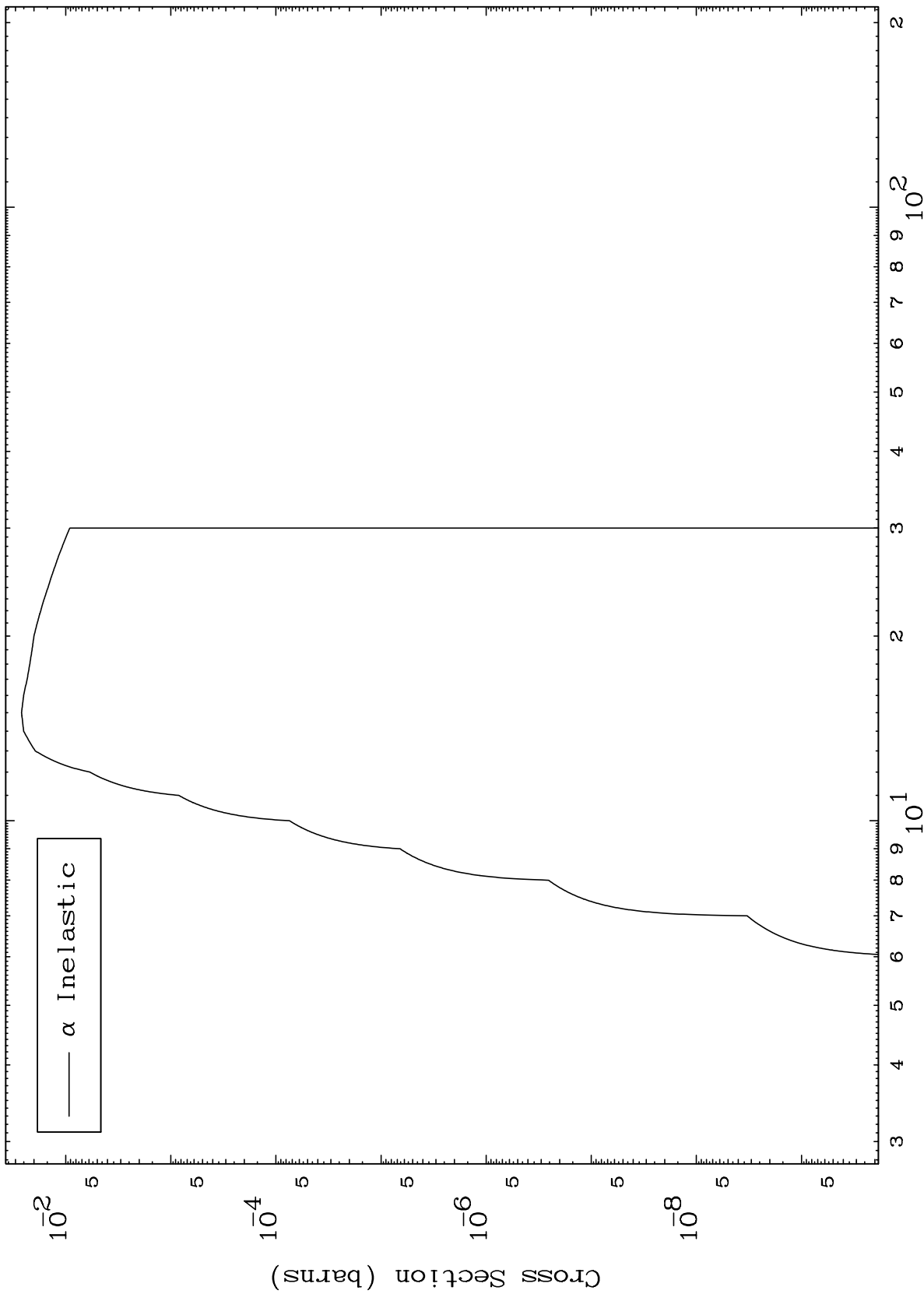
50-Sn-130



MAT 5079

50-Sn-130

(α, n') Level
0 Kelvin Cross Sections



50-Sn-130

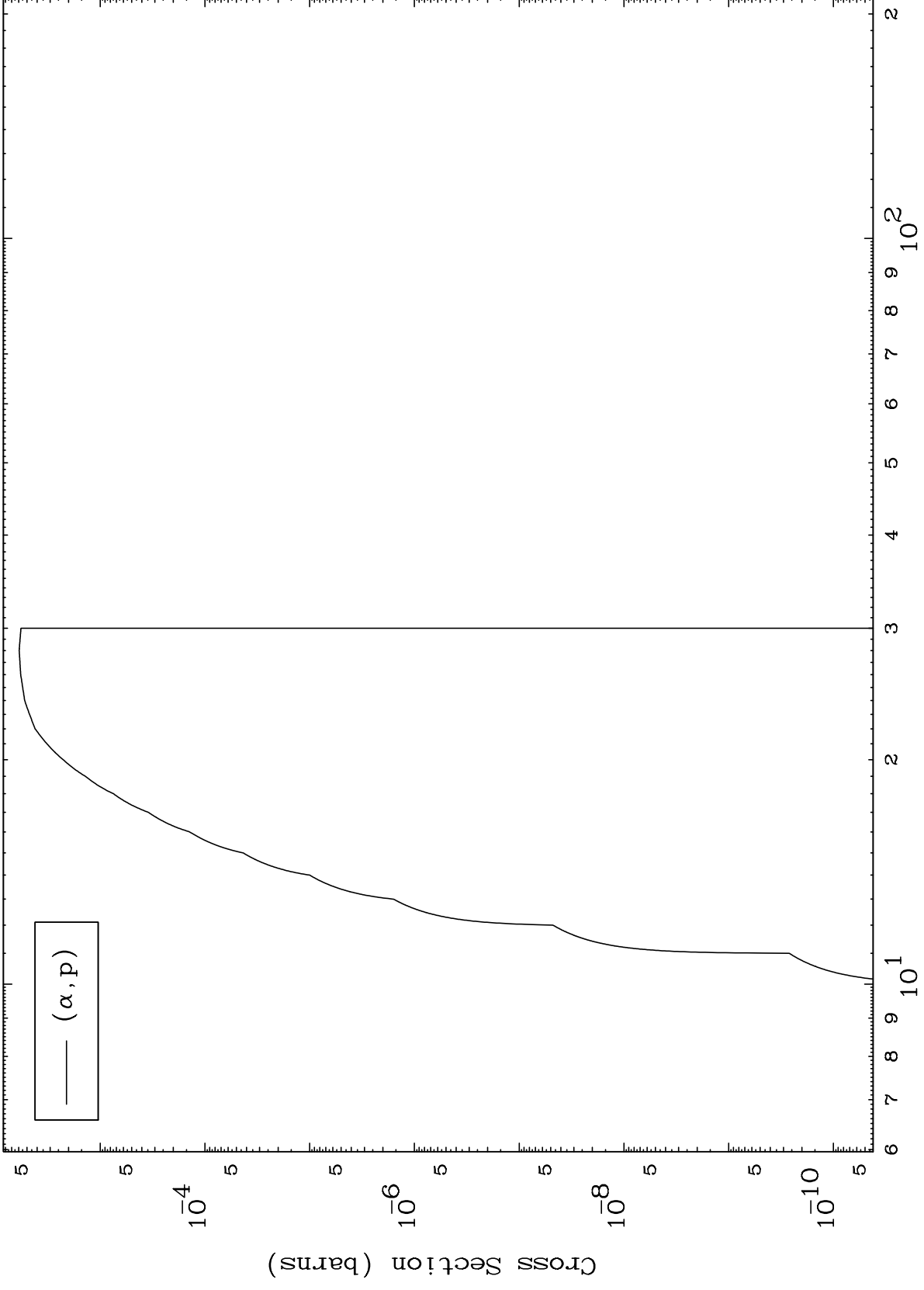
Incident Energy (MeV)

5

MAT 5079

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-130



6

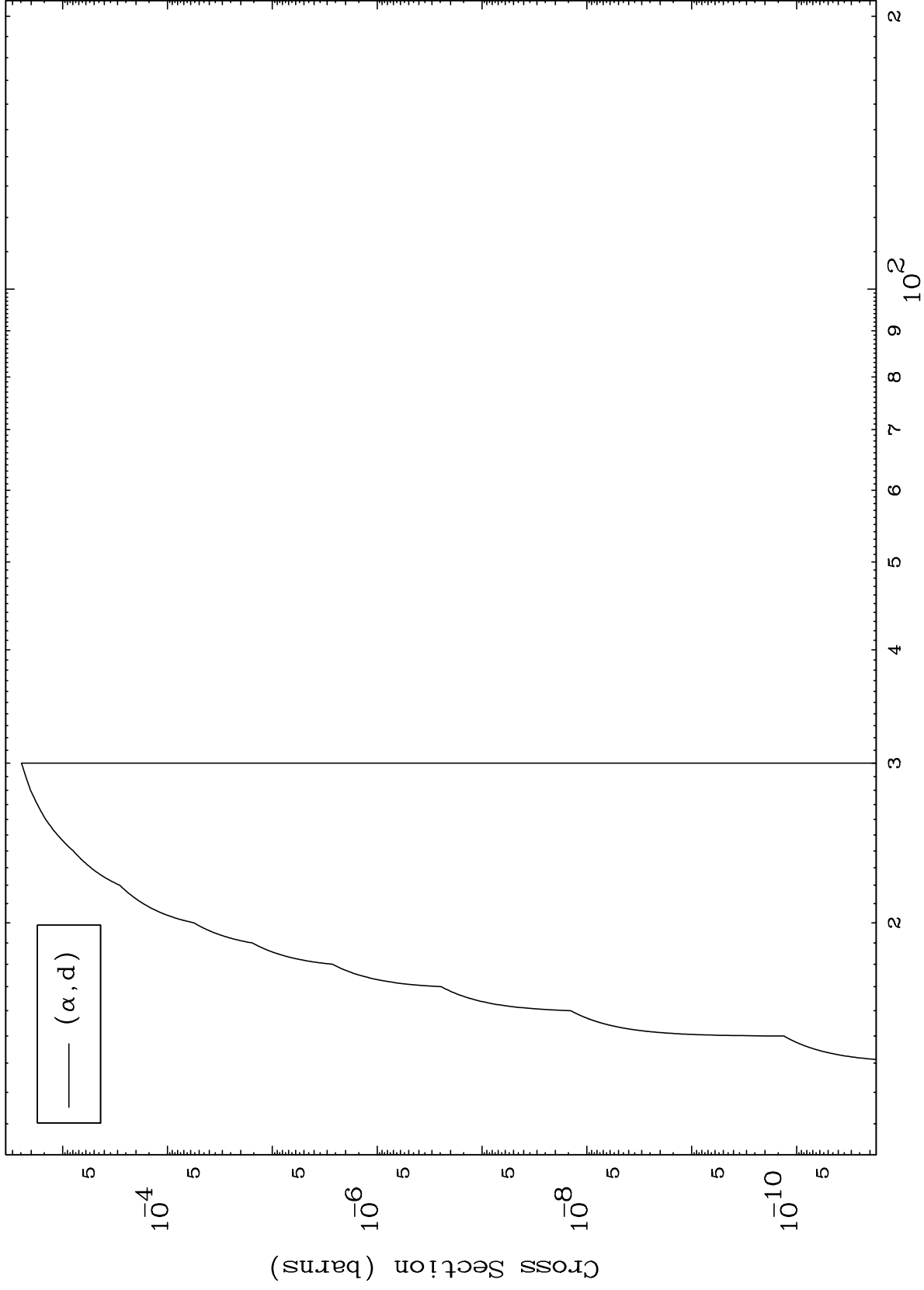
Incident Energy (MeV)

50-Sn-130

MAT 5079

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-130



7

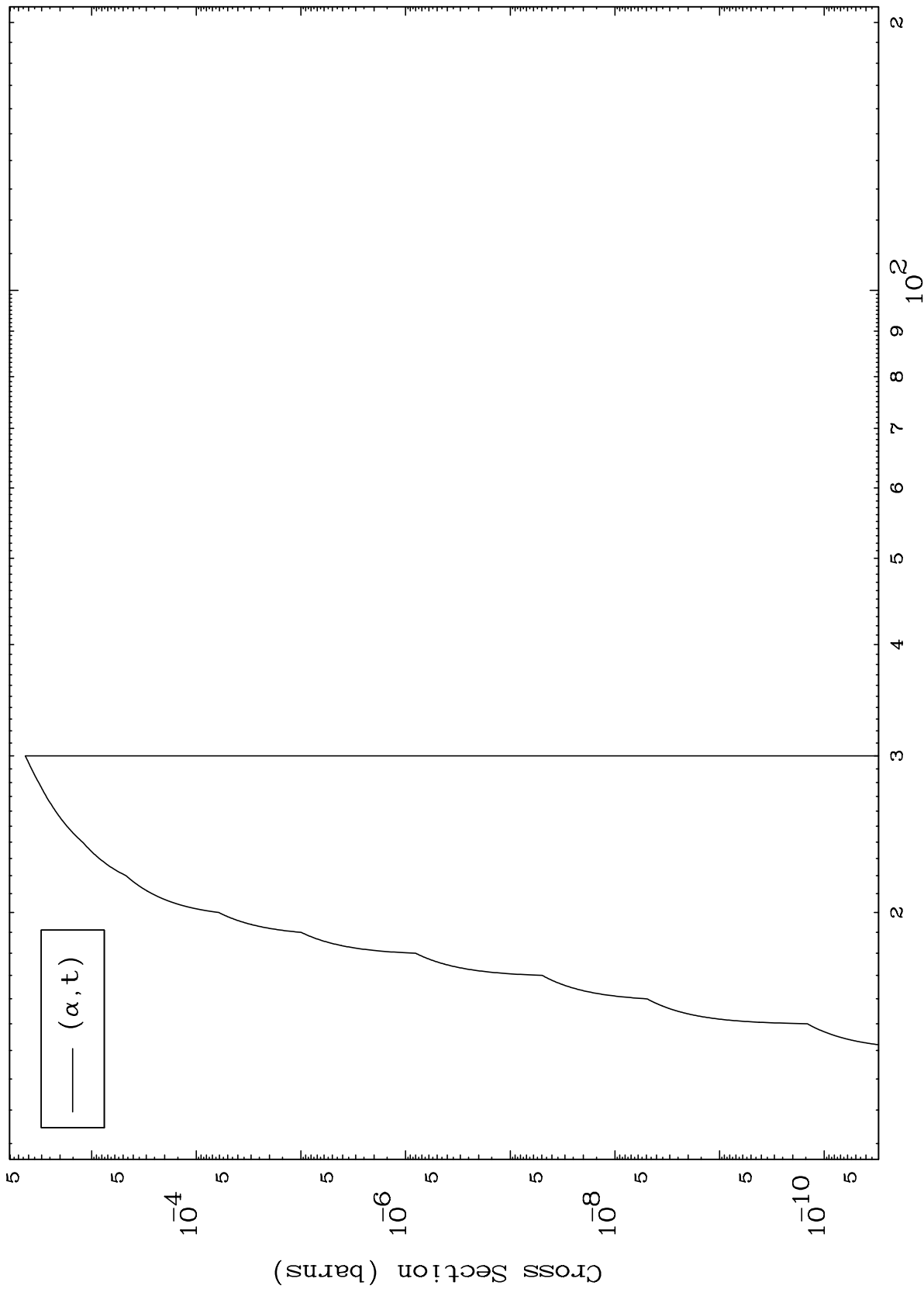
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(α, t) Levels
0 Kelvin Cross Sections



50-Sn-130

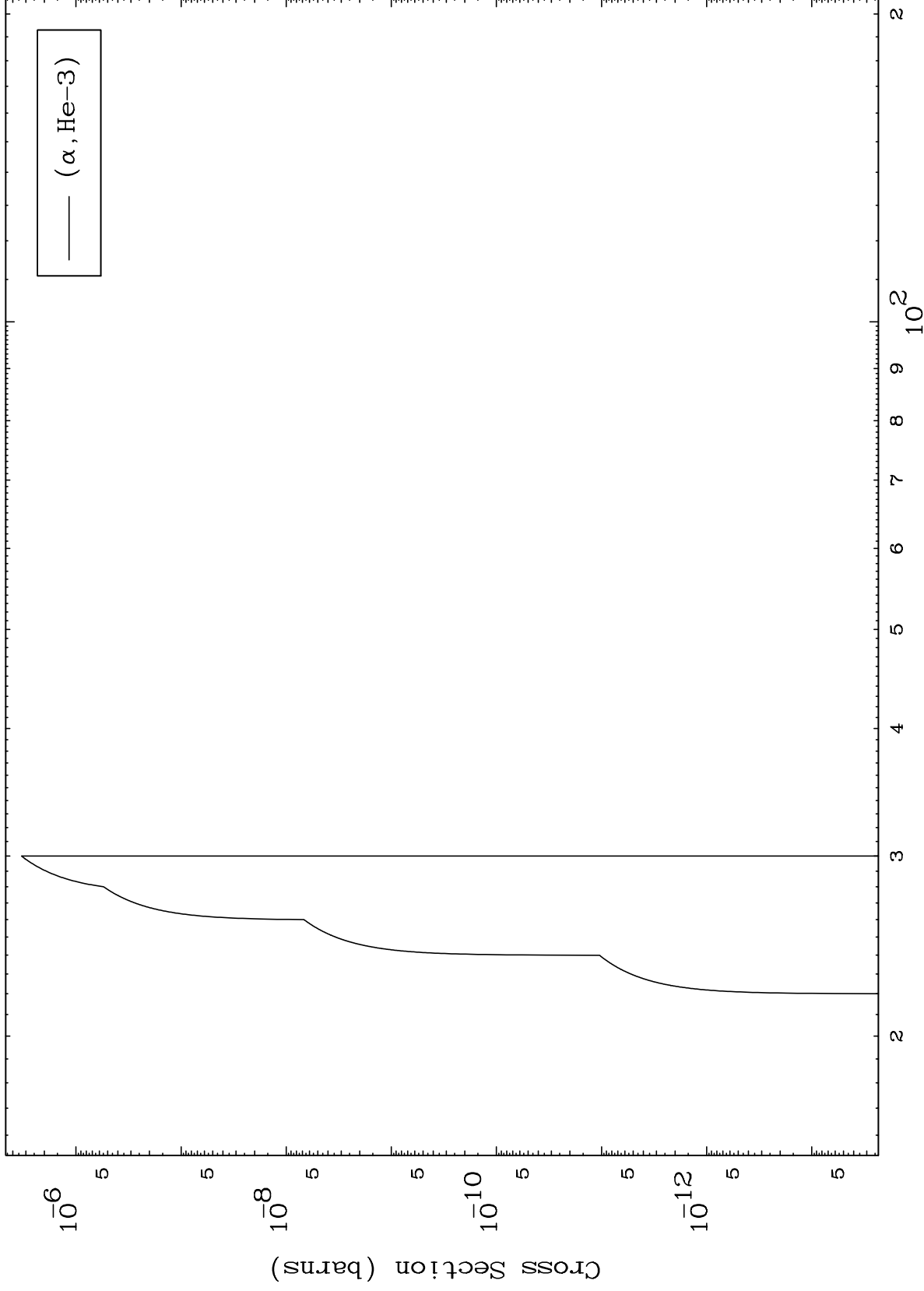
Incident Energy (MeV)

8

MAT 5079

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

50-Sn-130



9

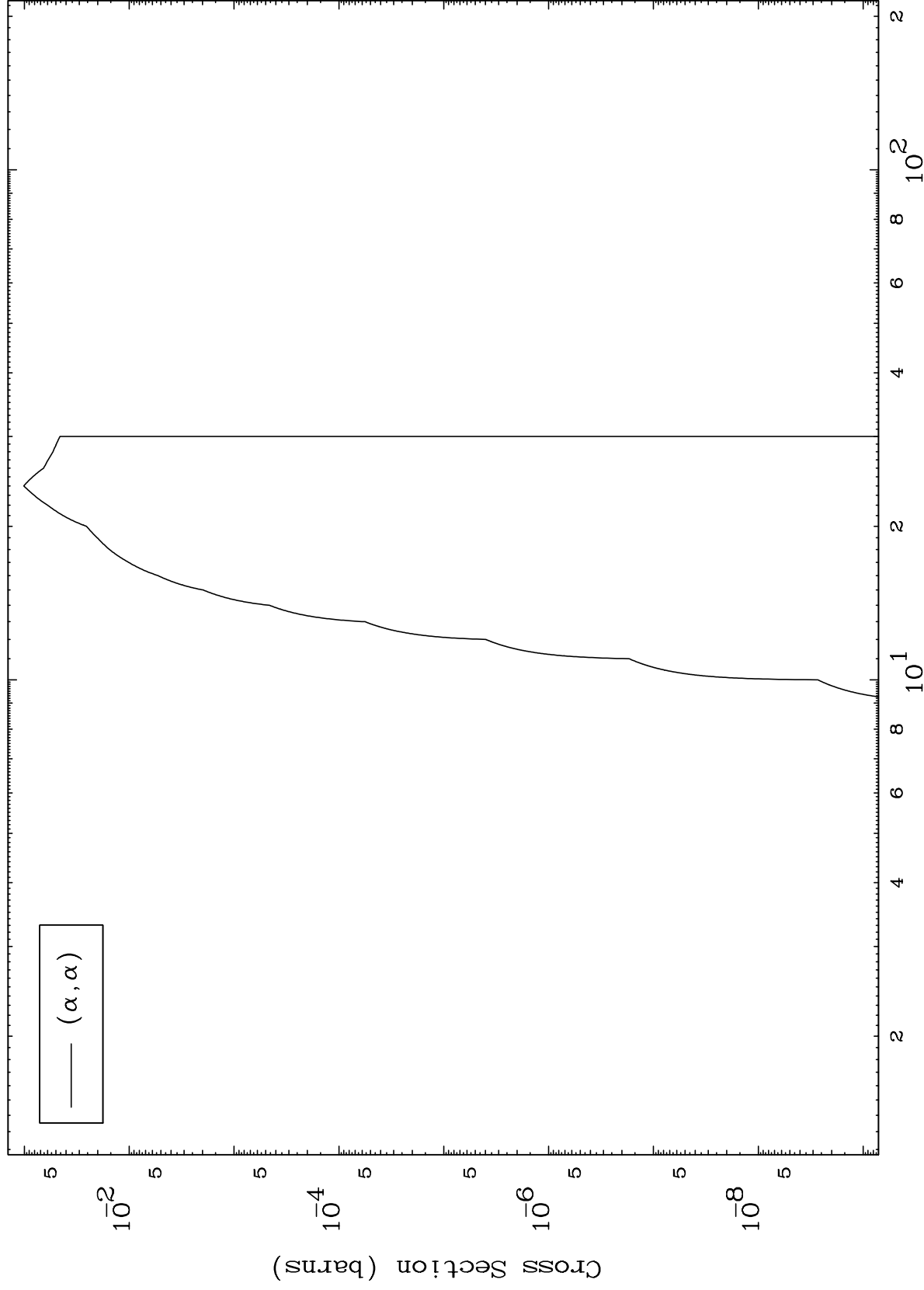
Incident Energy (MeV)

50-Sn-130

MAT 5079

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-130



10

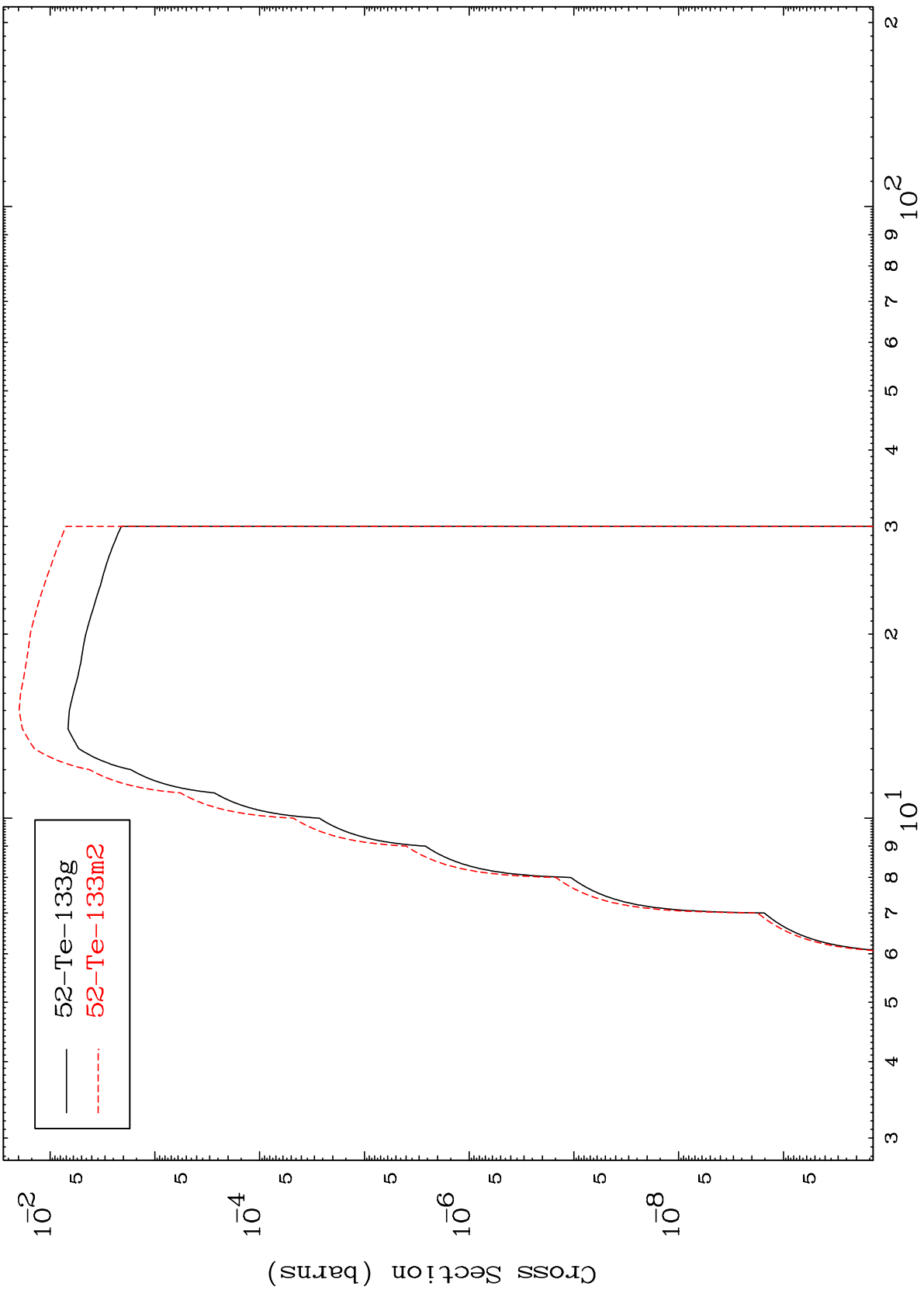
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

Radionuclide Production Cross Section
 α Inelastic

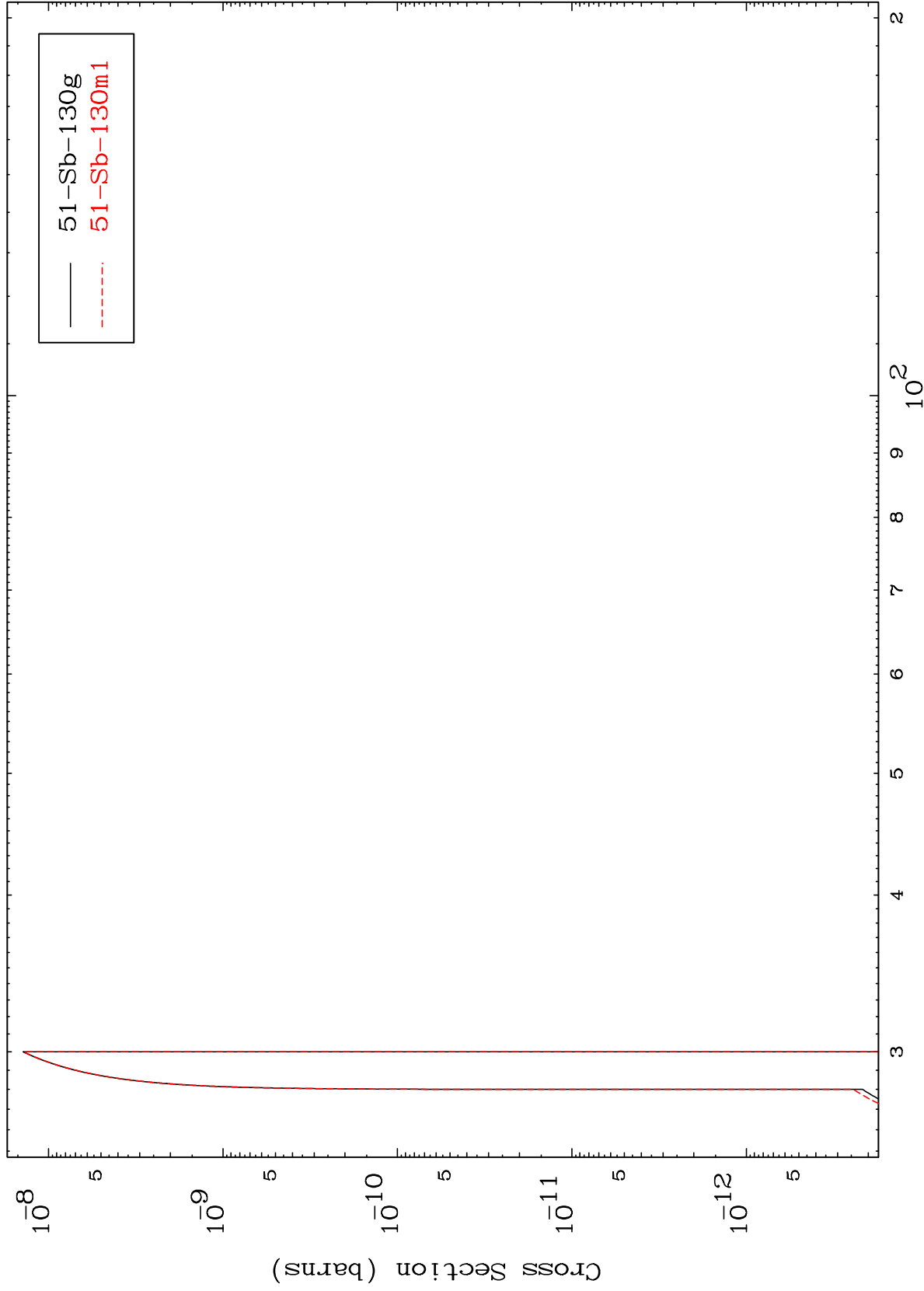


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$(\alpha, 2n)$ d

50-Sn-130

Radionuclide Production Cross Section



12

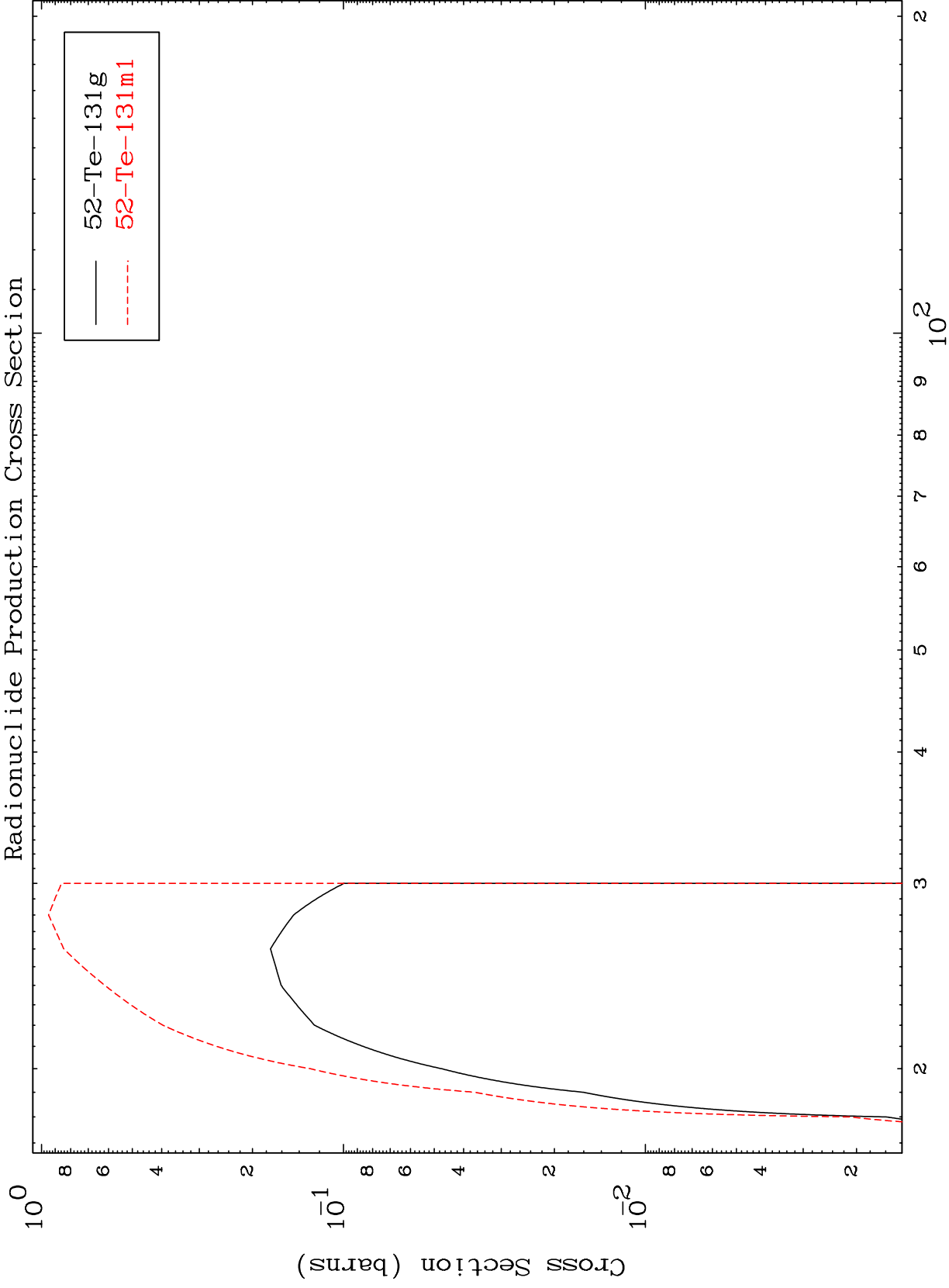
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

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



50-Sn-130

Incident Energy (MeV)

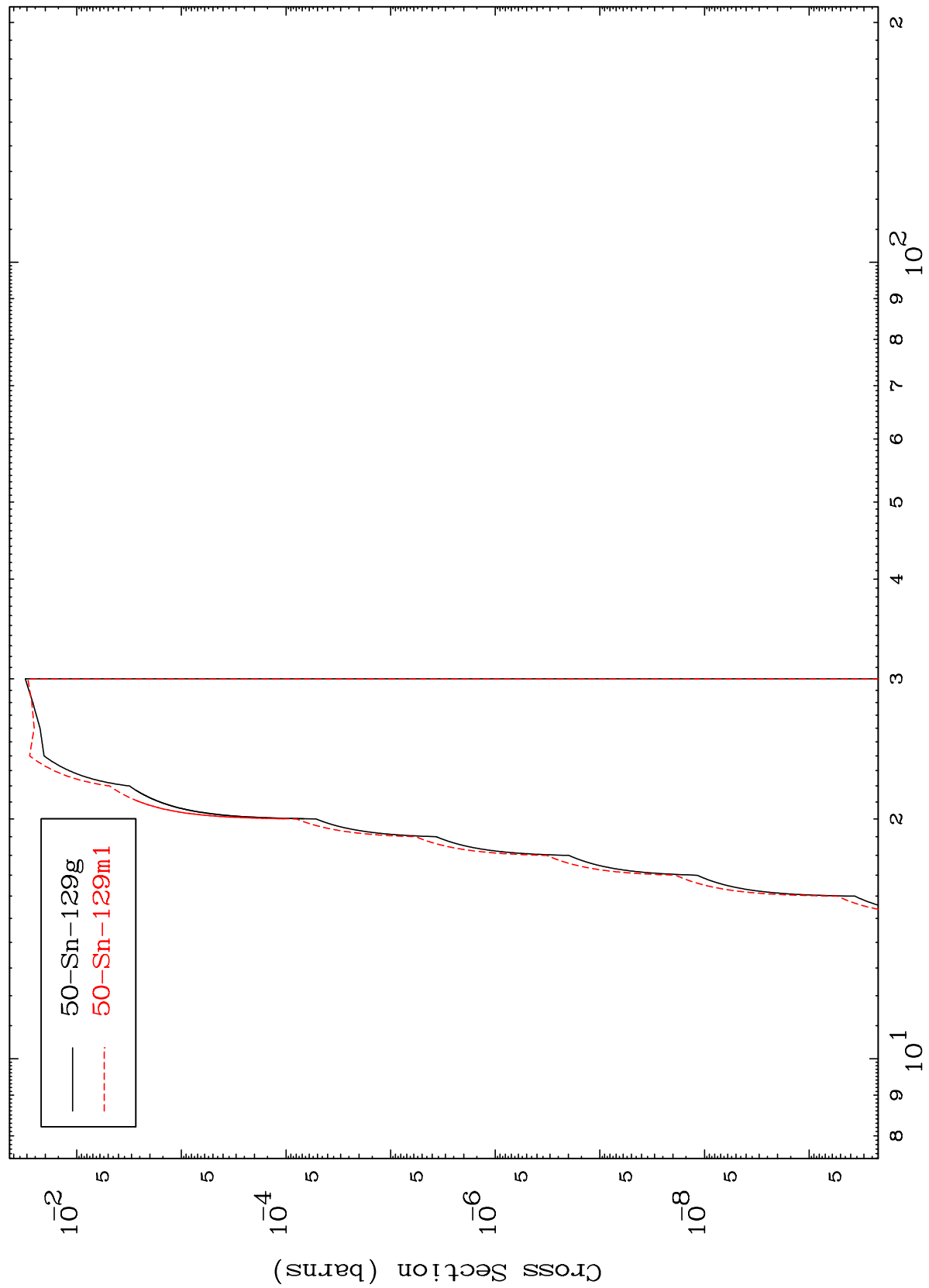
13

MAT 5079

50-Sn-130

(α, n') α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

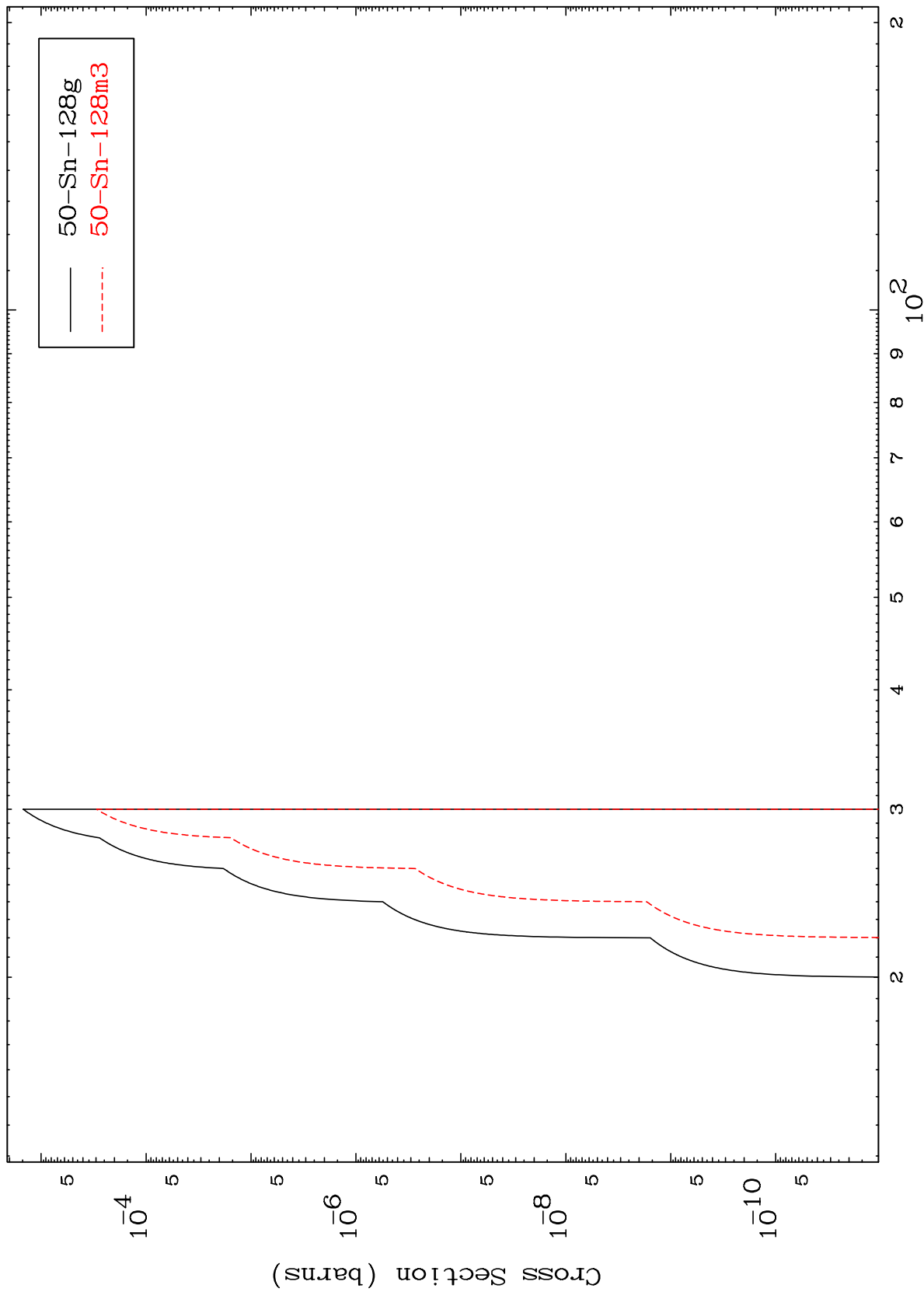
50-Sn-130

MAT 5079

50-Sn-130

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section



15

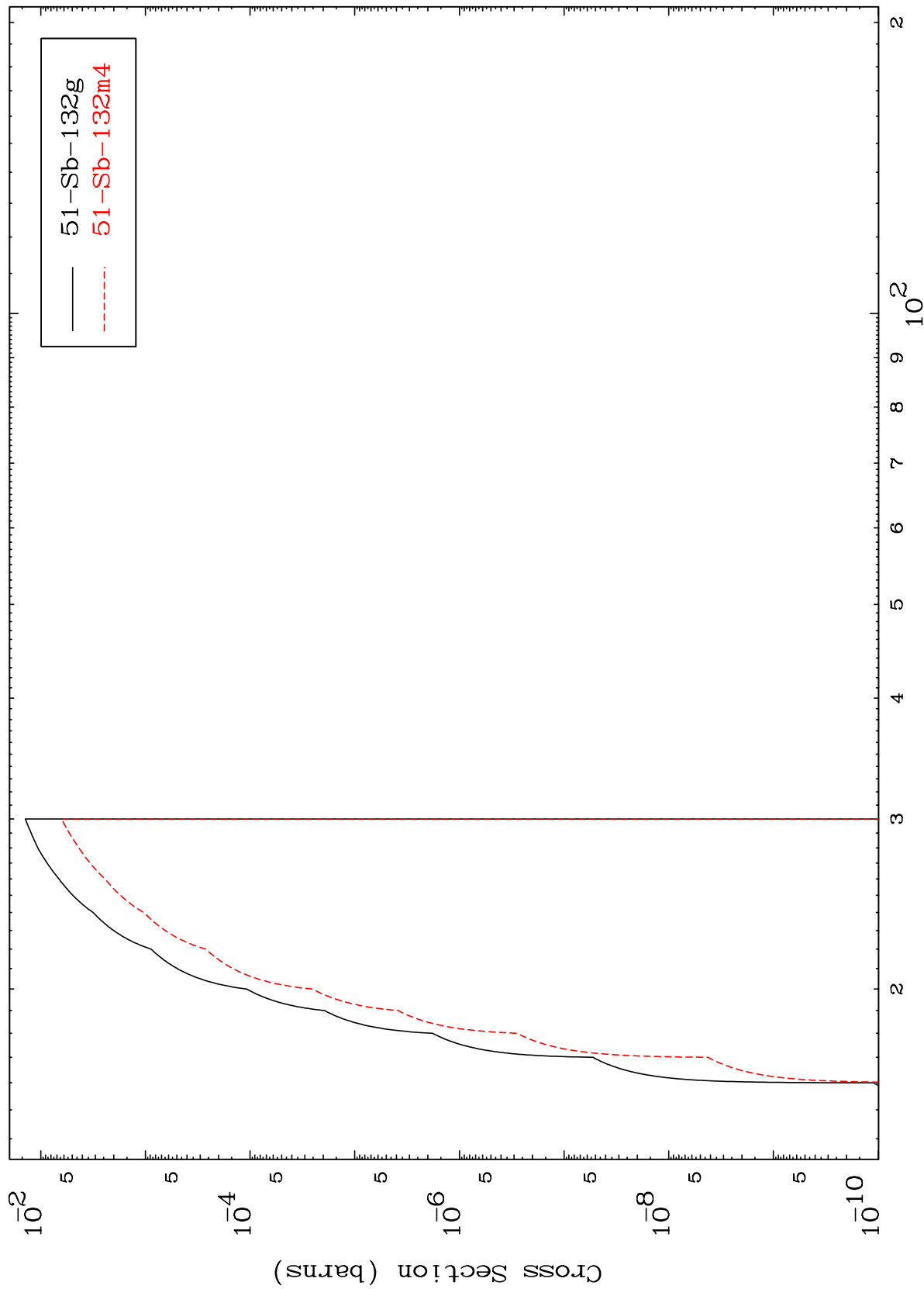
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(α, n') p
Radionuclide Production Cross Section



50-Sn-130

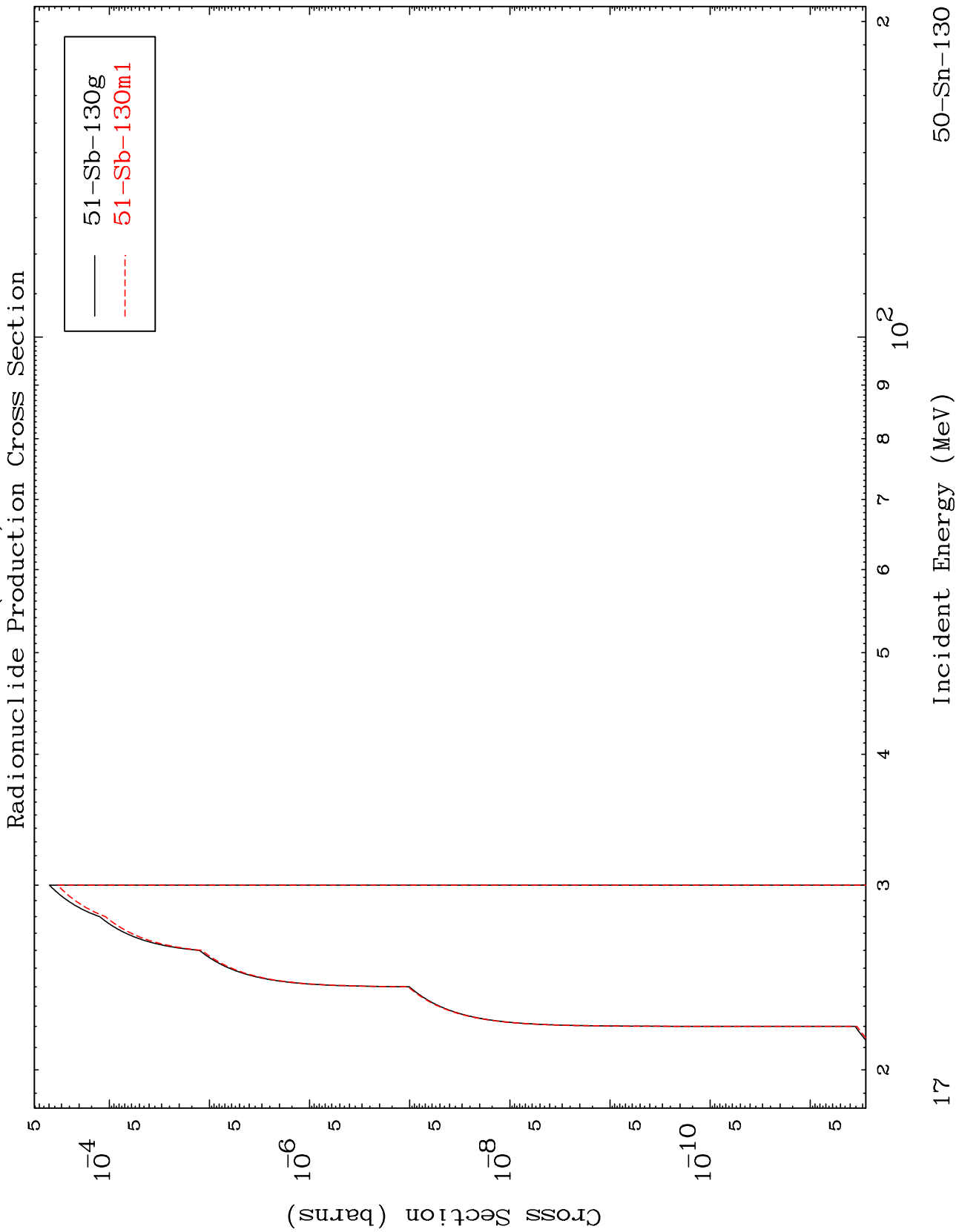
Incident Energy (MeV)

16

MAT 5079

(α, n') t

50-Sn-130

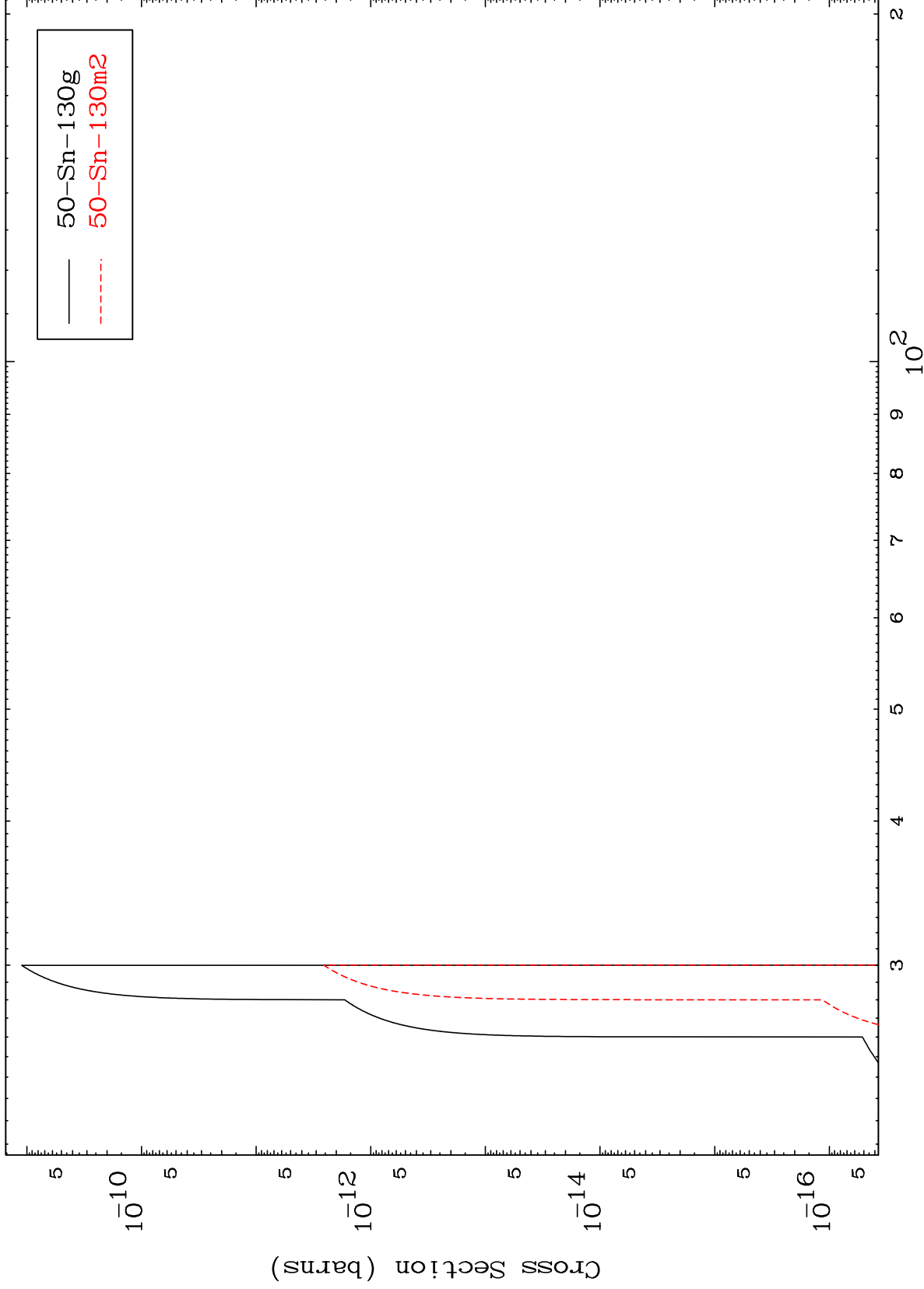


17

Incident Energy (MeV)

50-Sn-130

Radionuclide Production Cross Section

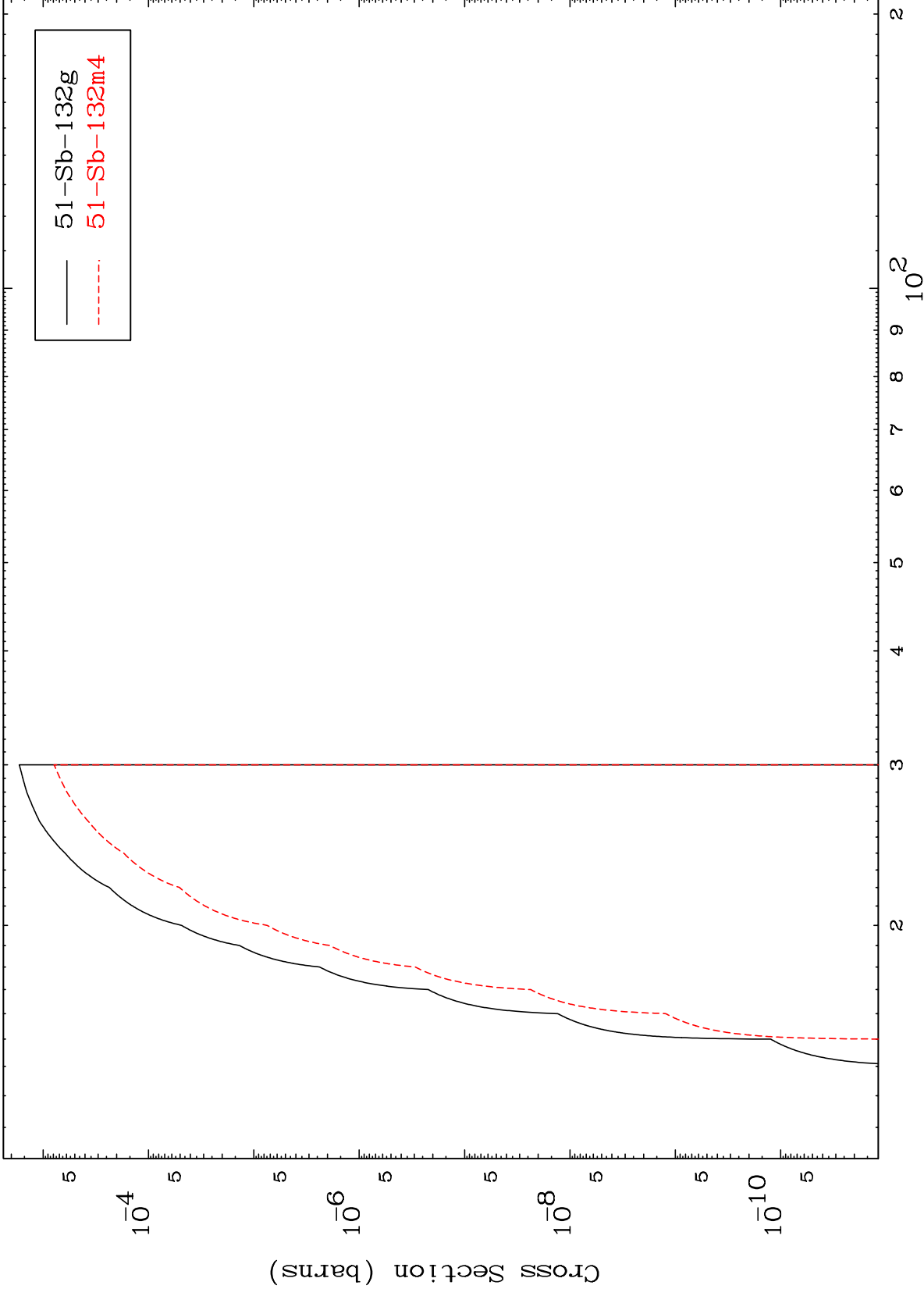


MAT 5079

(α, d)

50-Sn-130

Radionuclide Production Cross Section



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

19

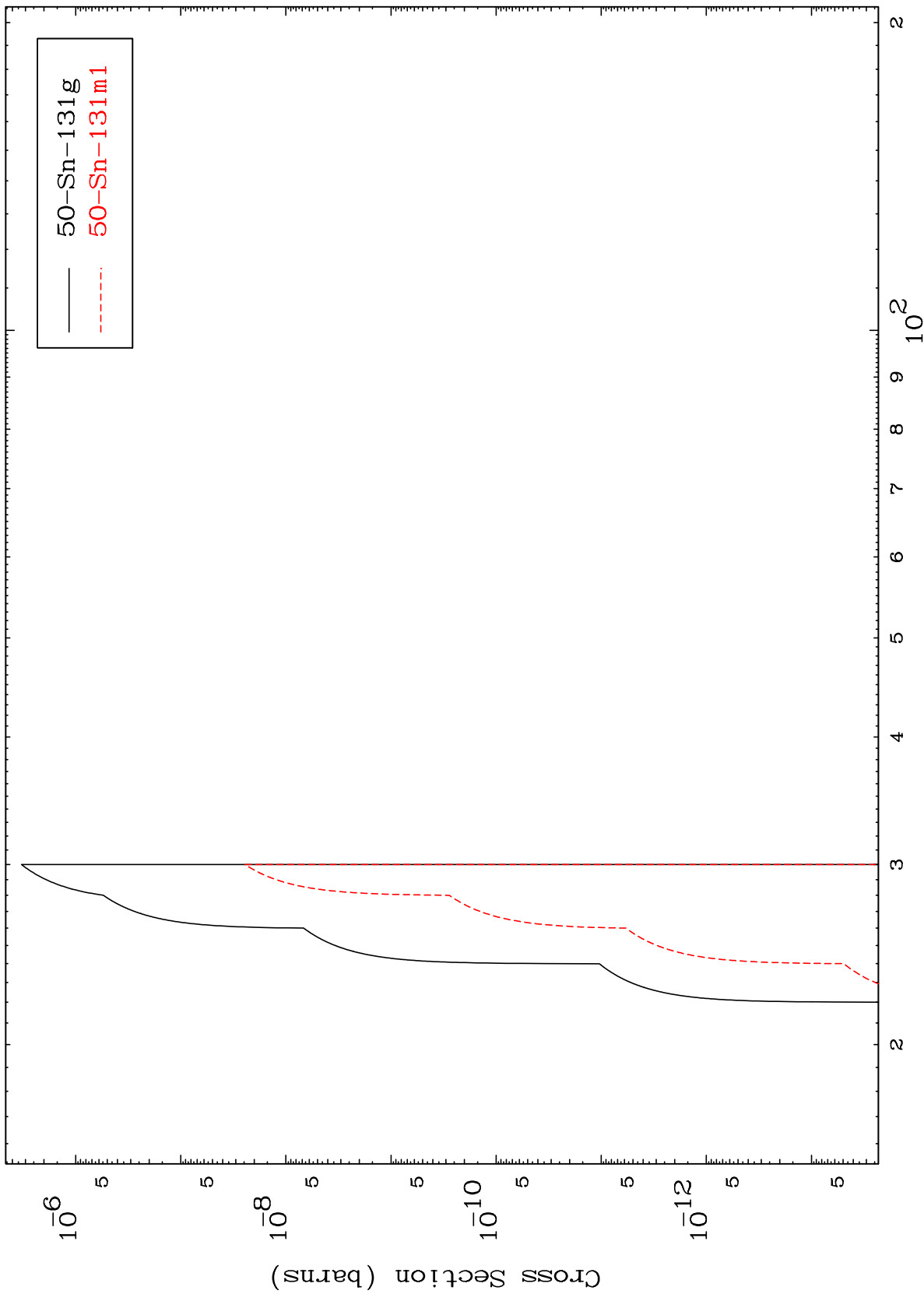
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

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



20

Incident Energy (MeV)

50-Sn-130

MAT 5079

(α, α)

50-Sn-130

Radionuclide Production Cross Section

