

Program EVALPLOT
(Version 2018-1)

by

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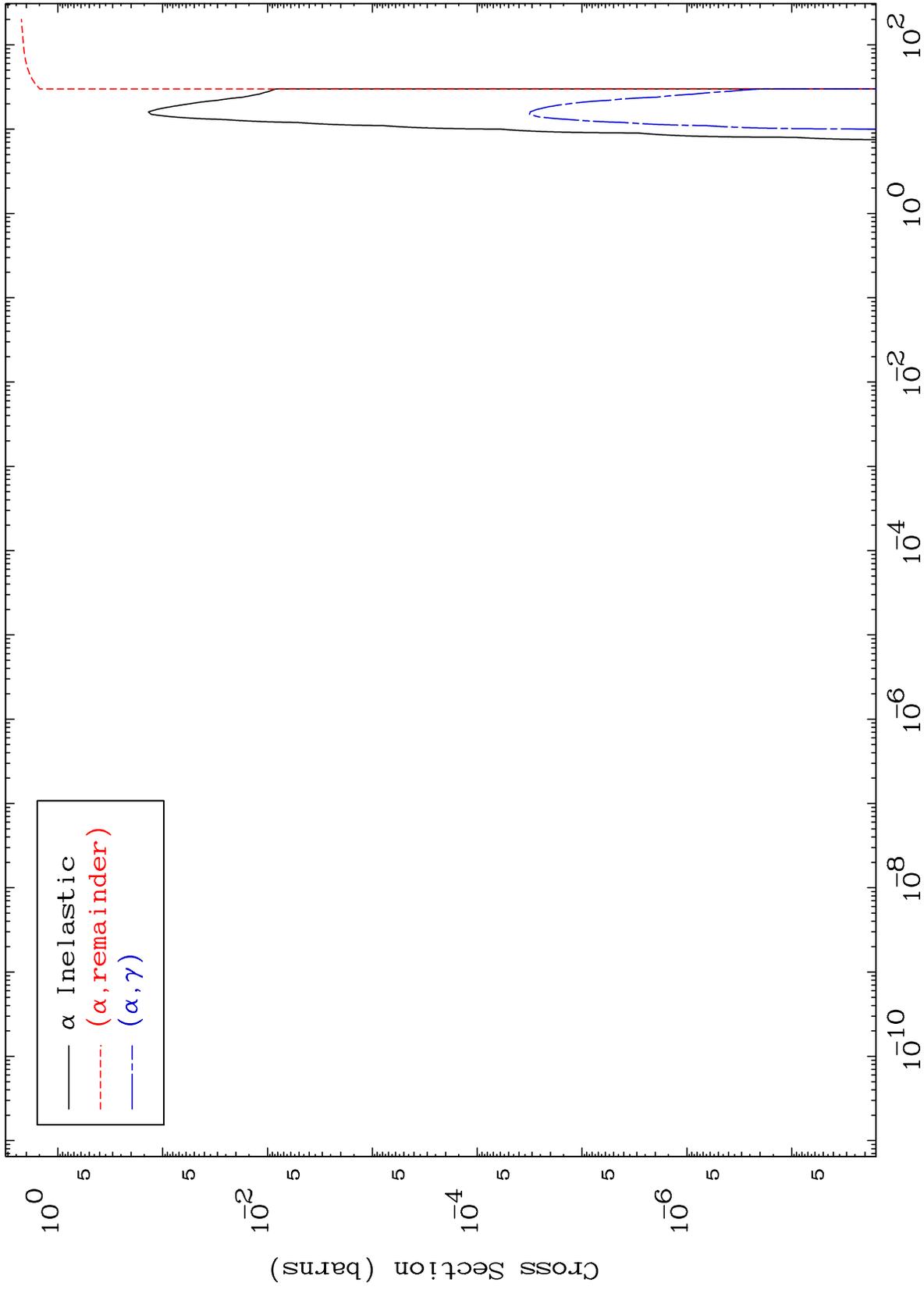
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5055

0 Kelvin α Major

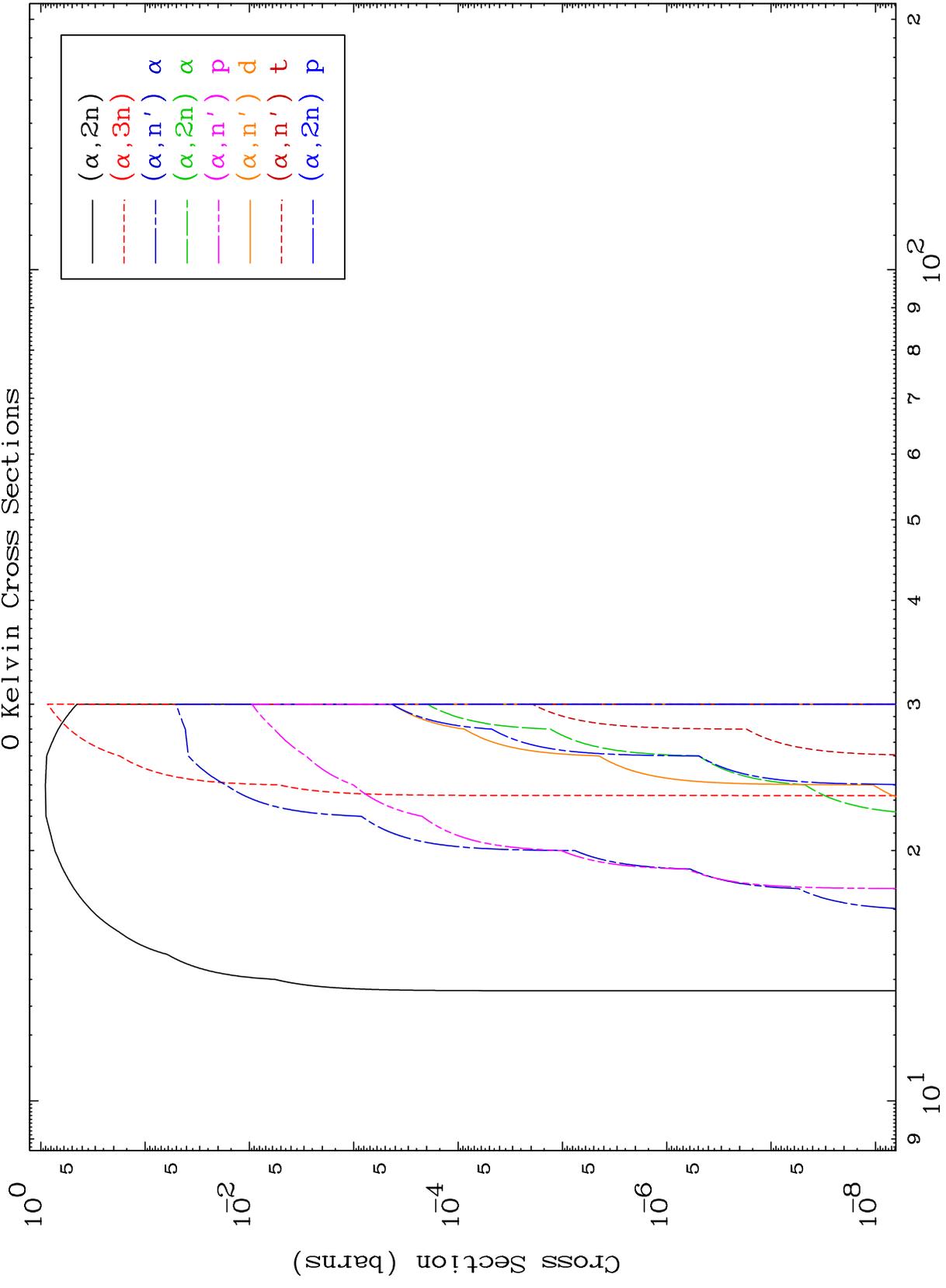
50-Sn-122



MAT 5055

α Neutron Production
0 Kelvin Cross Sections

50-Sn-122



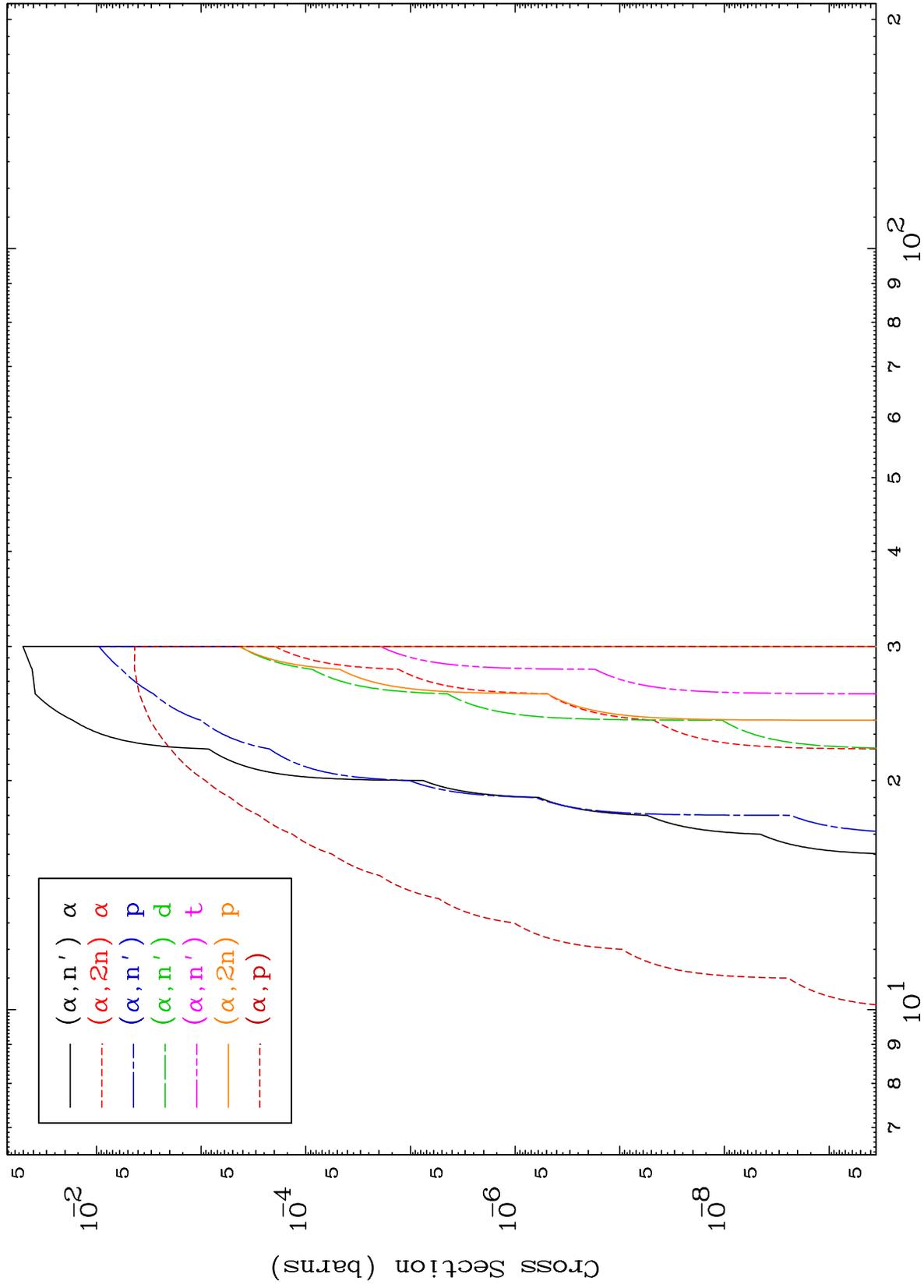
Incident Energy (MeV)

50-Sn-122

MAT 5055

α Charged Particle
0 Kelvin Cross Sections

50-Sn-122



3

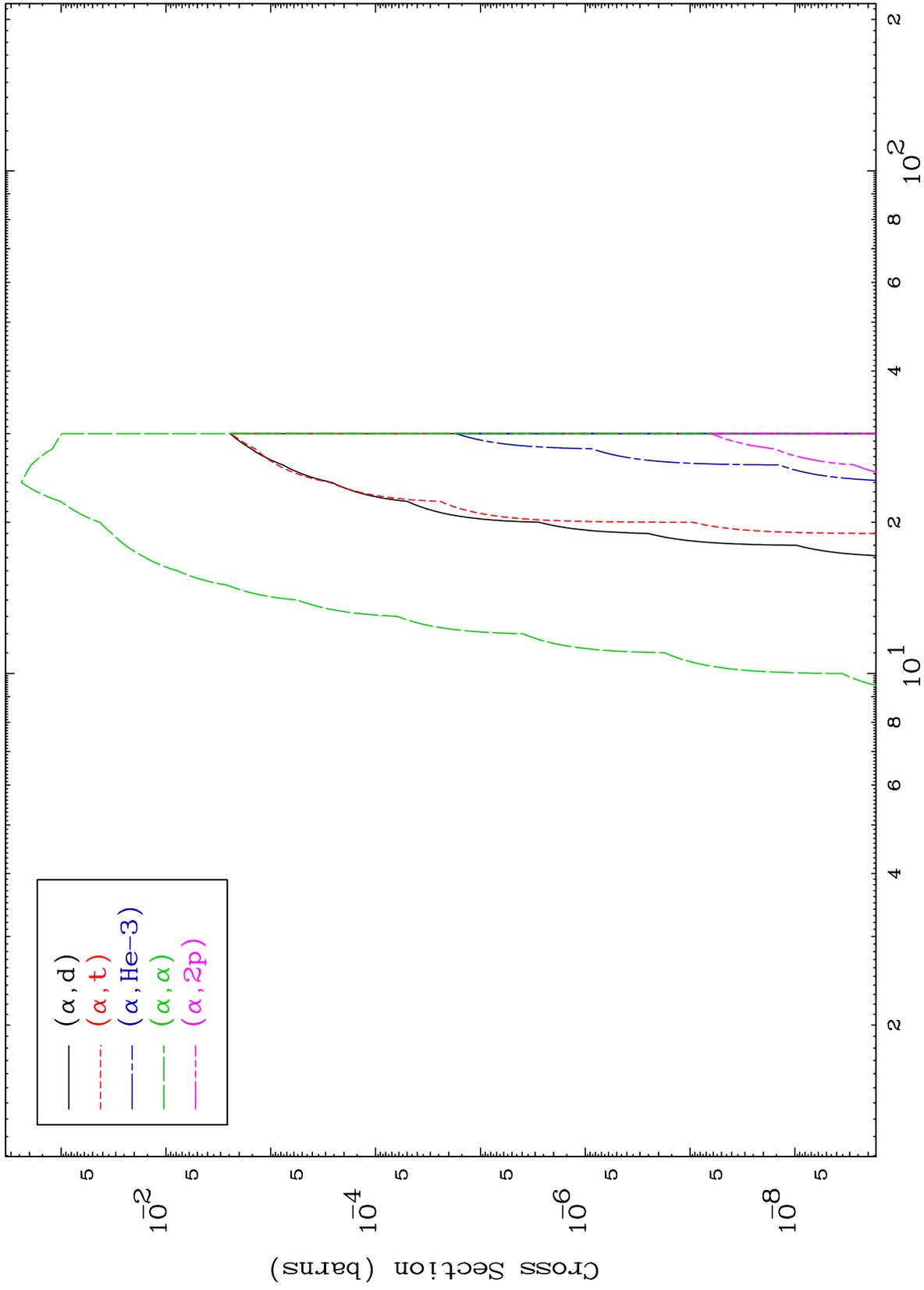
Incident Energy (MeV)

50-Sn-122

MAT 5055

α Charged Particle
0 Kelvin Cross Sections

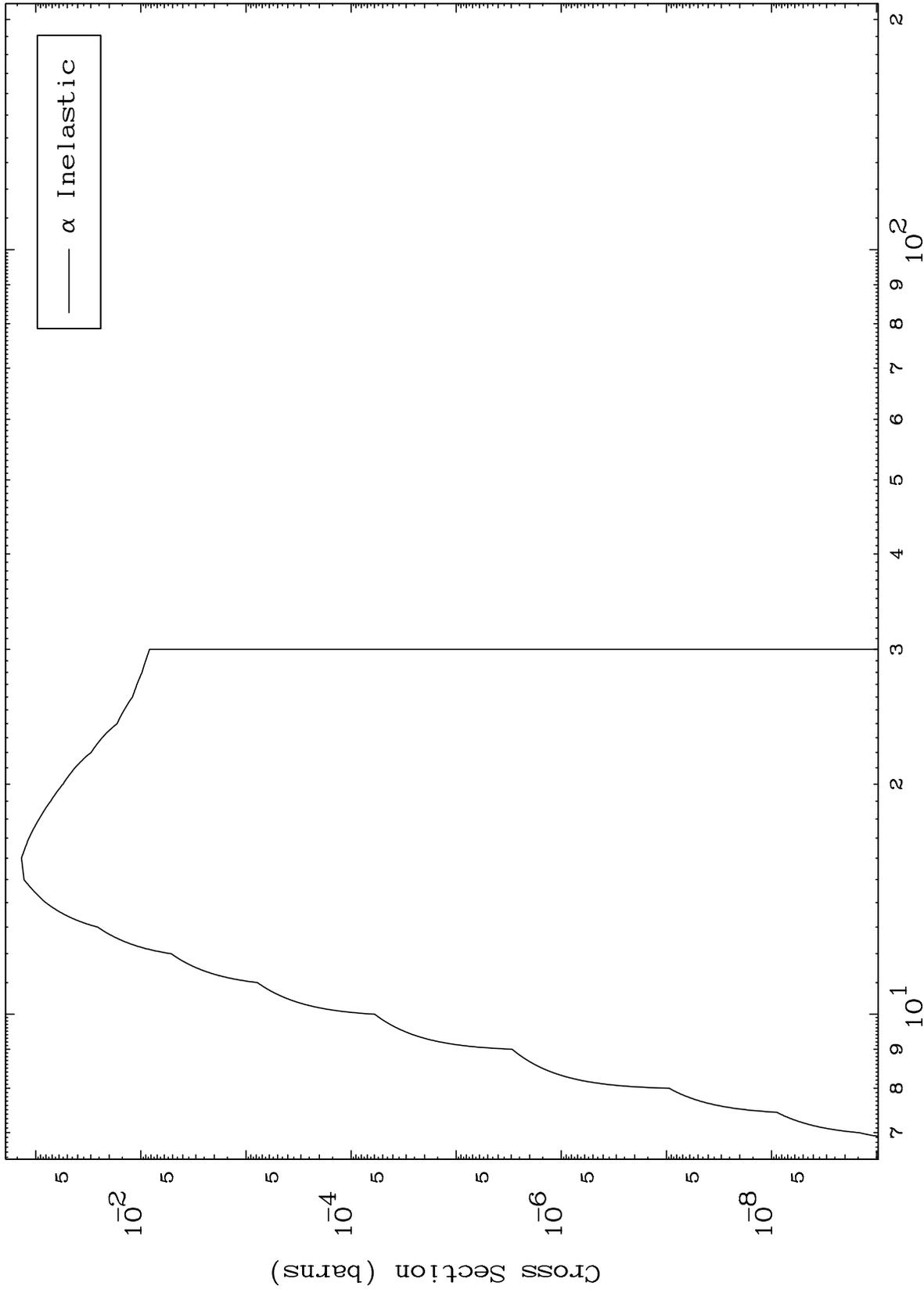
50-Sn-122



MAT 5055

(α, n') Level
0 Kelvin Cross Sections

50-Sn-122



5

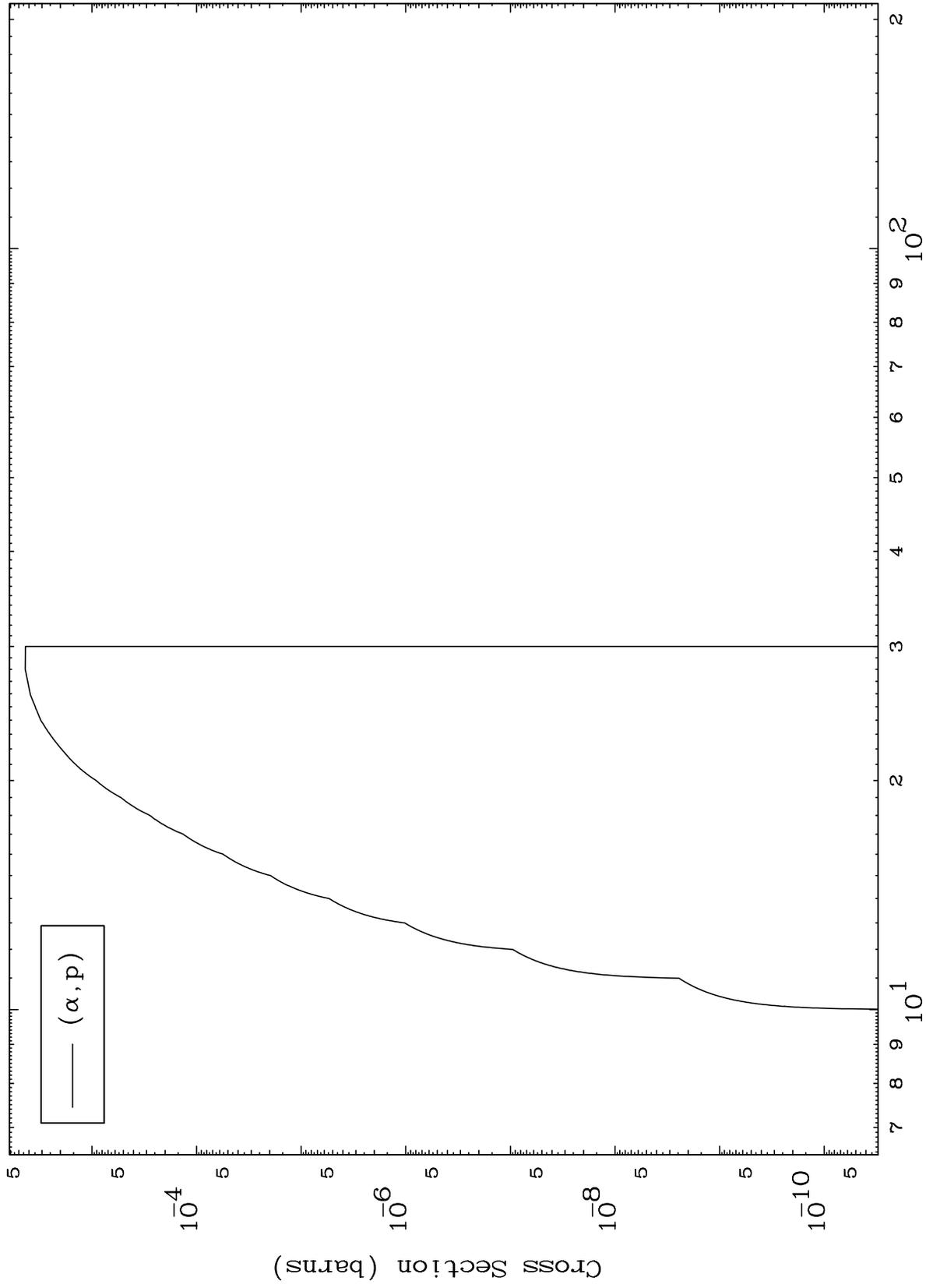
Incident Energy (MeV)

50-Sn-122

MAT 5055

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-122



6

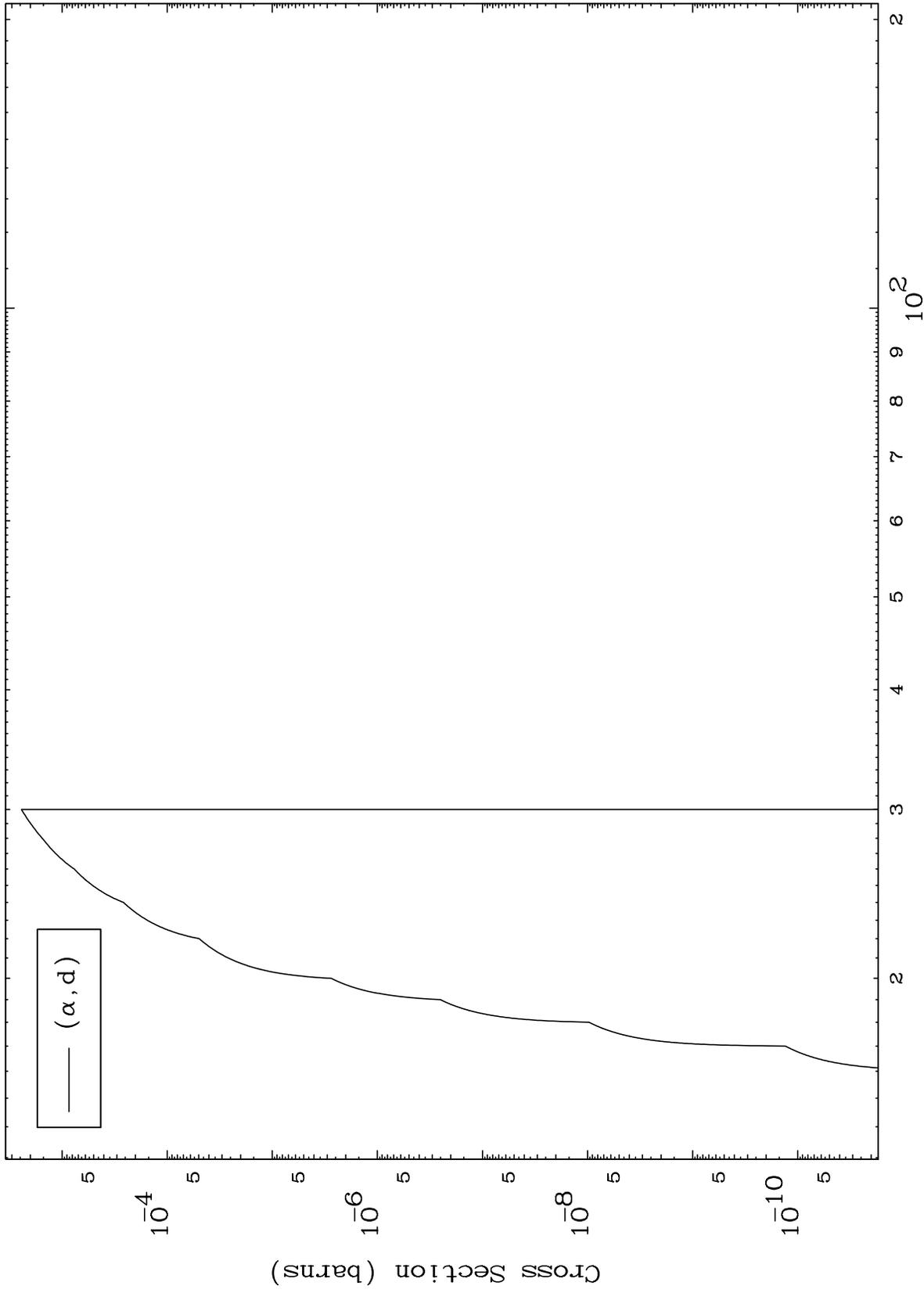
Incident Energy (MeV)

50-Sn-122

MAT 5055

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-122



7

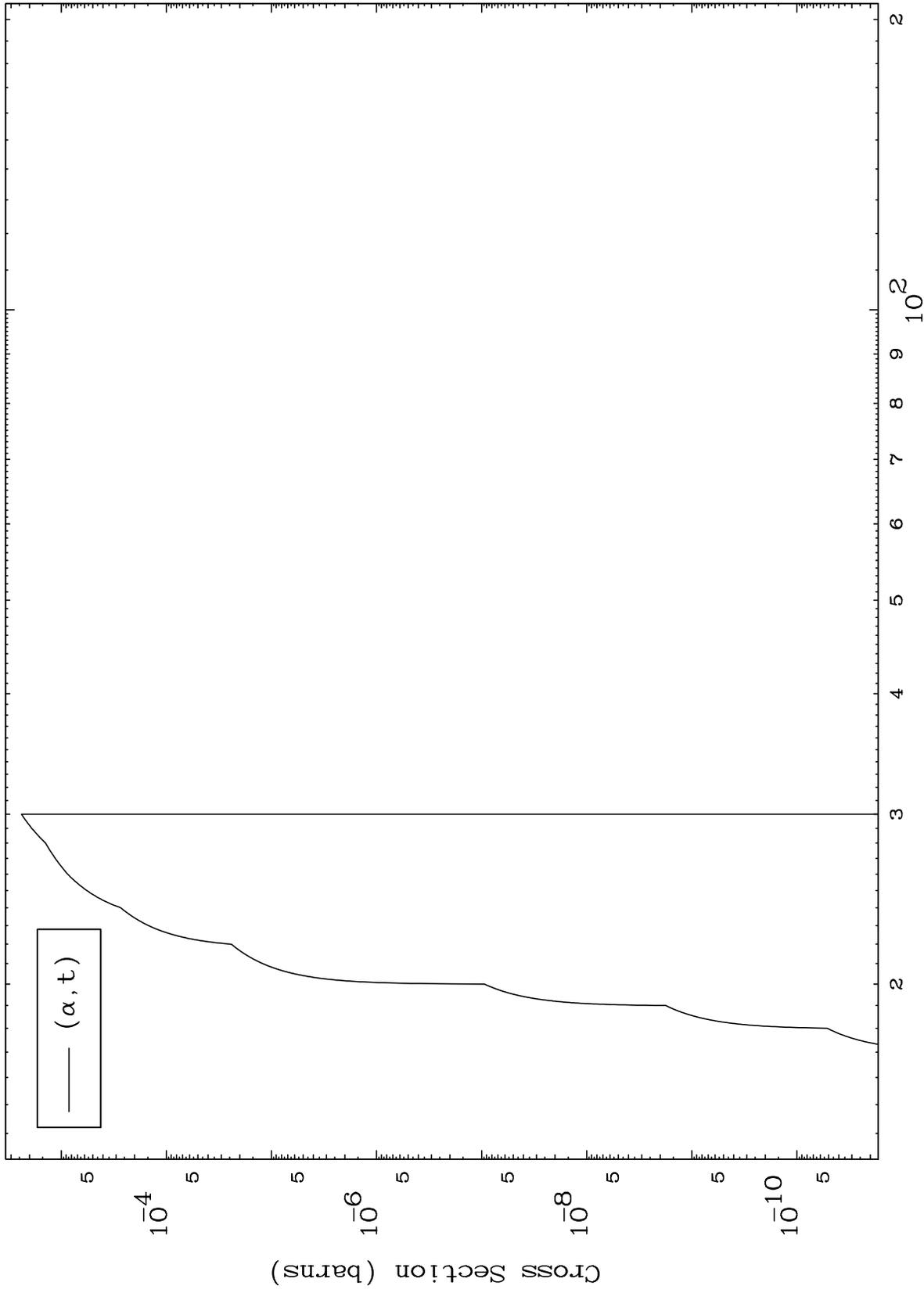
Incident Energy (MeV)

50-Sn-122

MAT 5055

(α, t) Levels
0 Kelvin Cross Sections

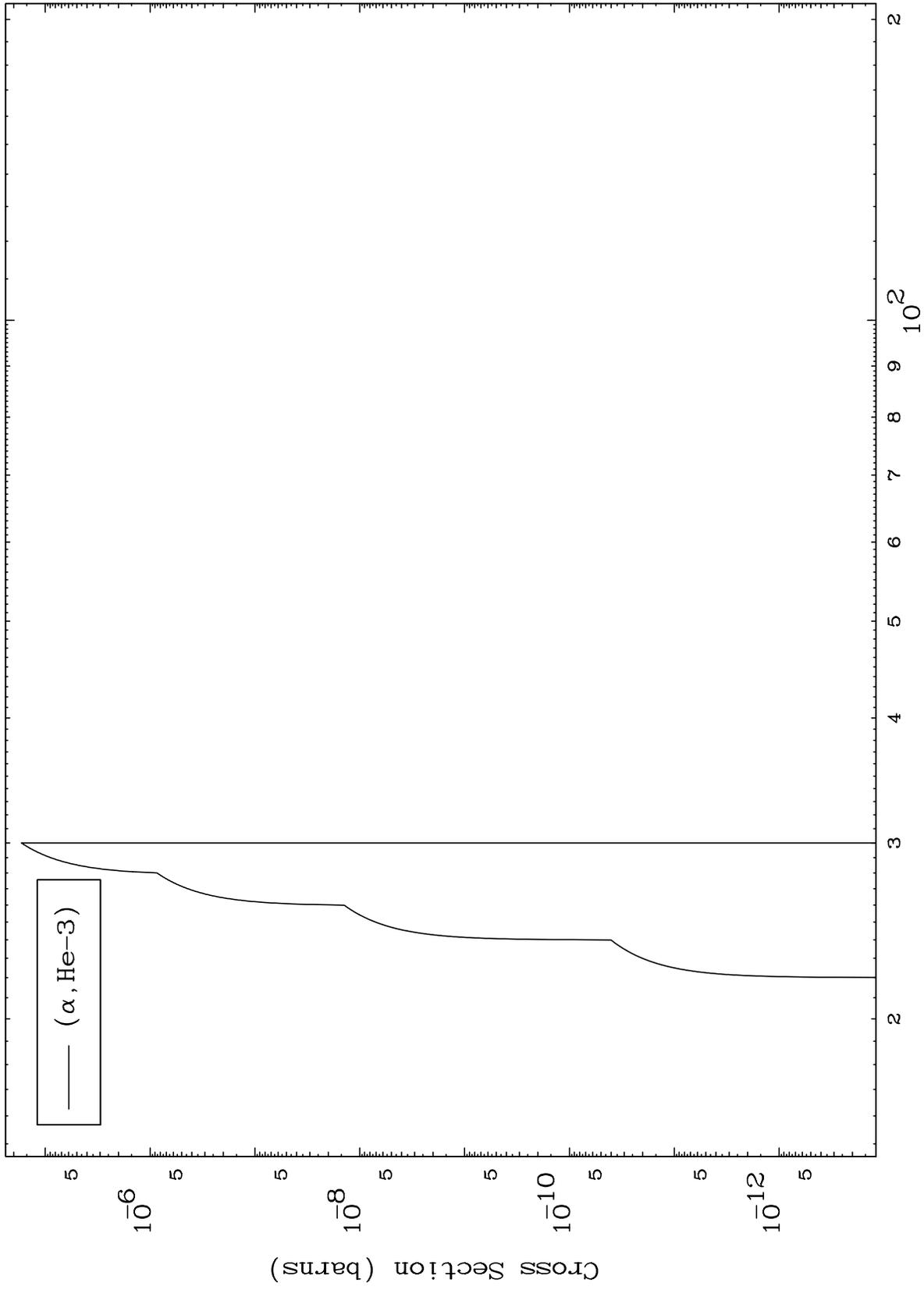
50-Sn-122



MAT 5055

(α ,He3) Levels
0 Kelvin Cross Sections

50-Sn-122



9

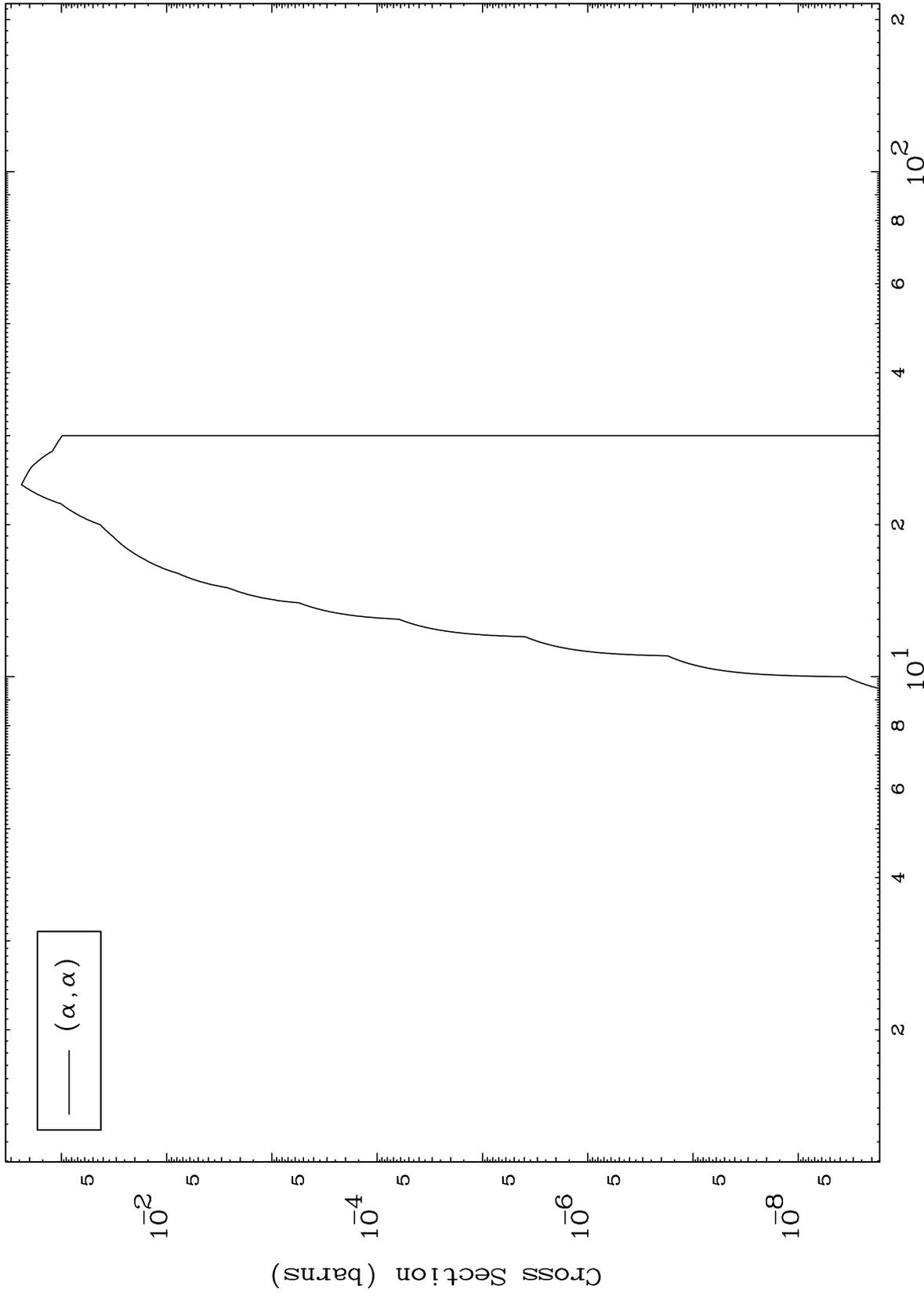
Incident Energy (MeV)

50-Sn-122

MAT 5055

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-122



10

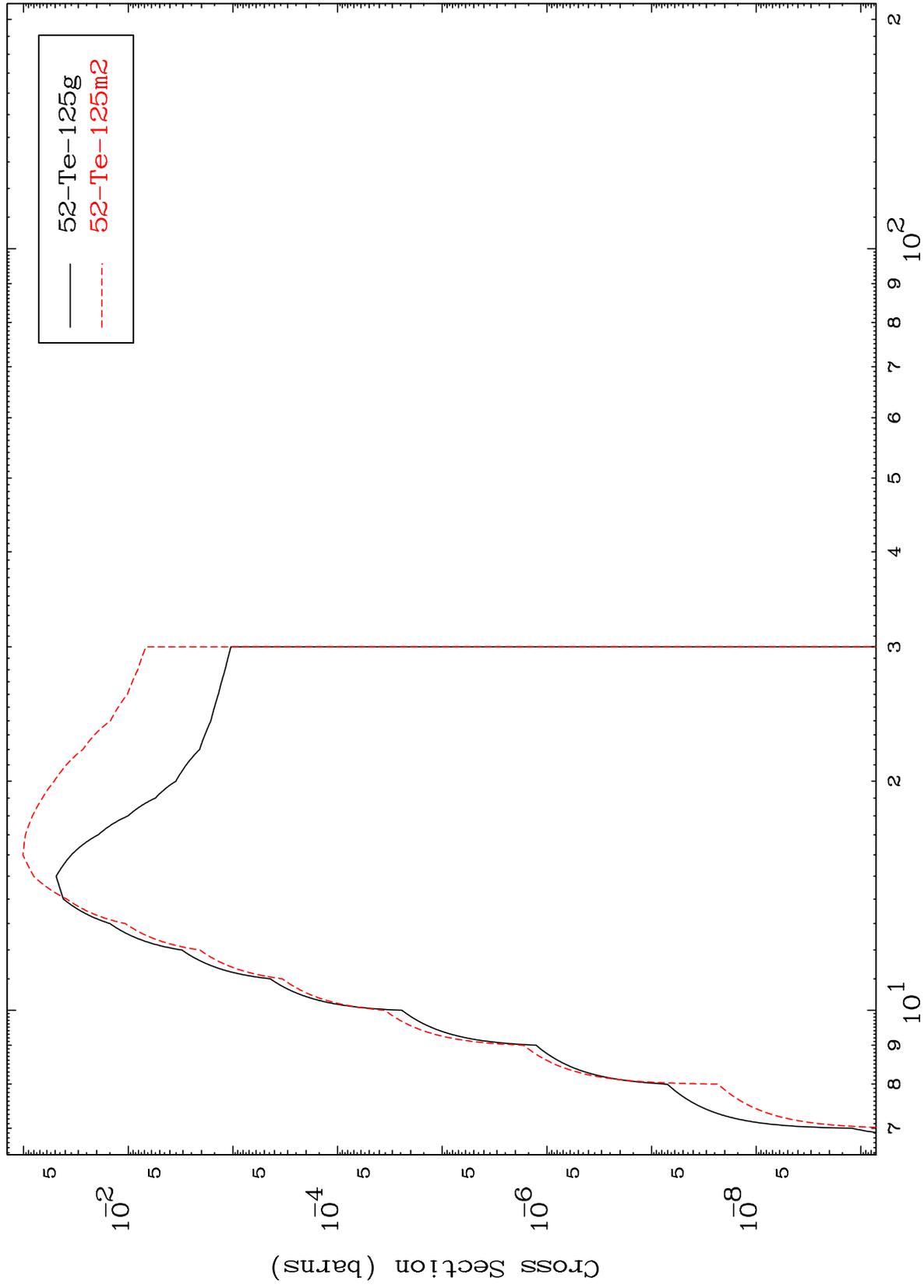
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

α Inelastic
Radionuclide Production Cross Section



11

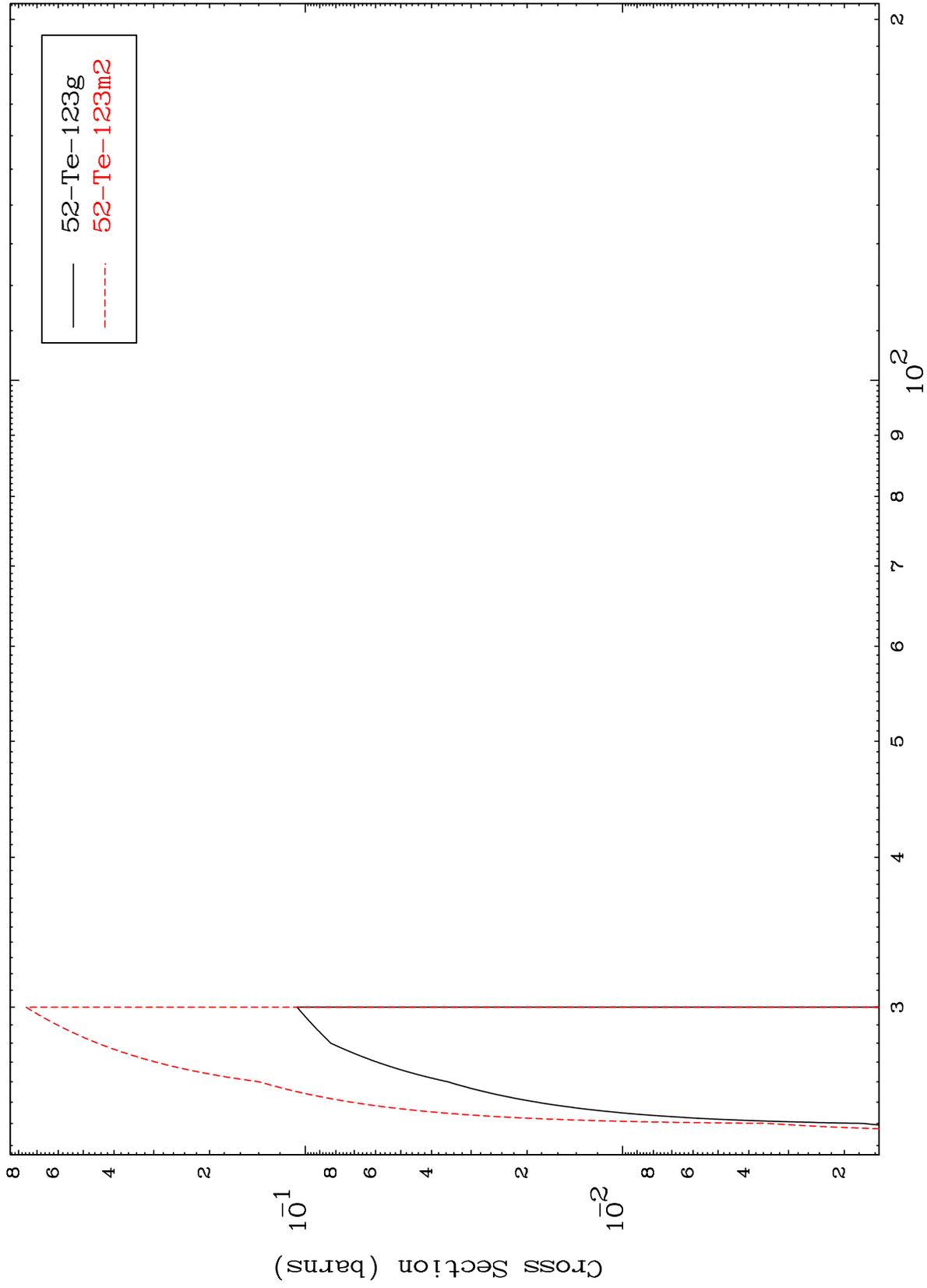
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

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



12

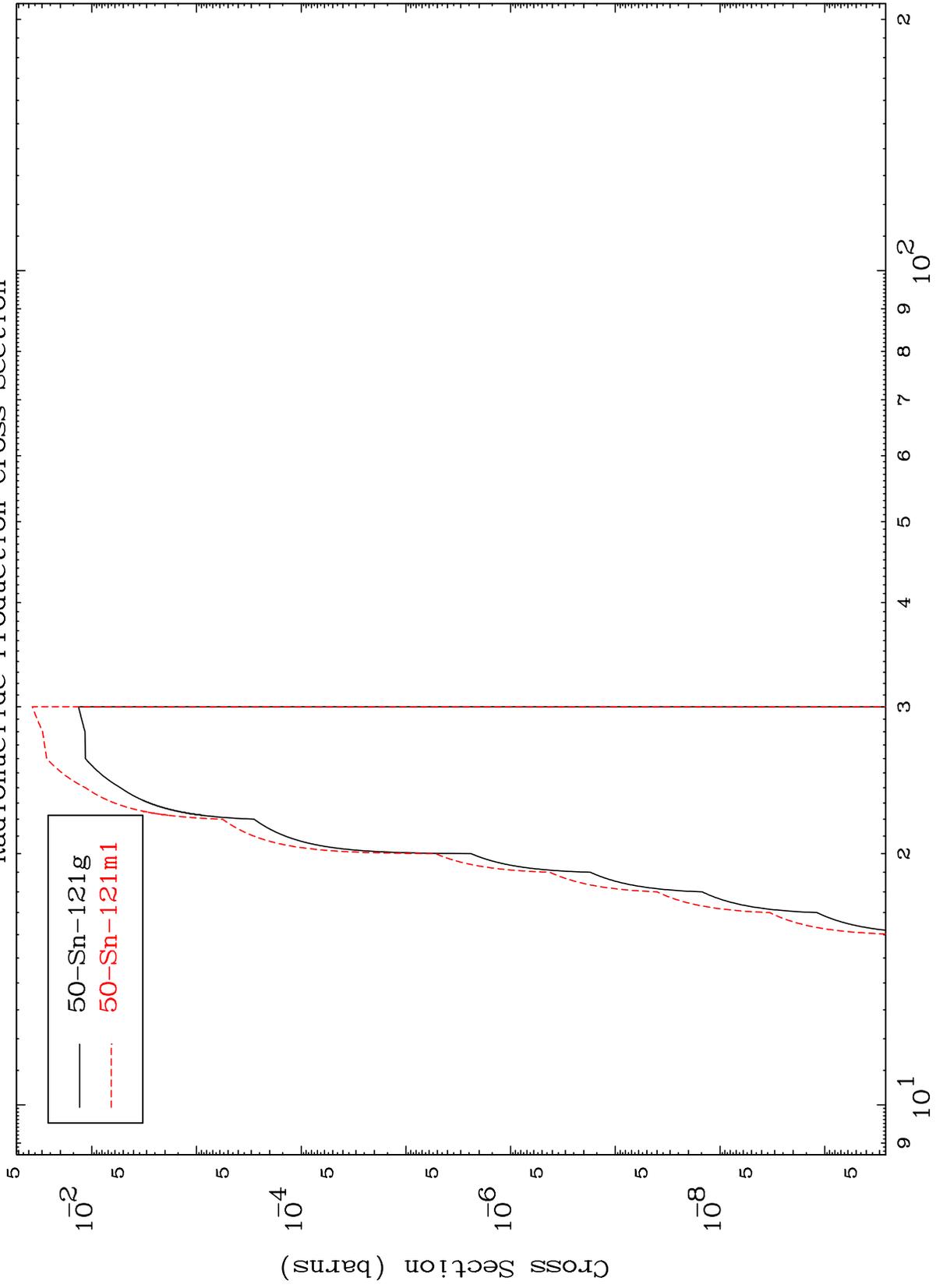
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

Radionuclide Production Cross Section
(α, n') α



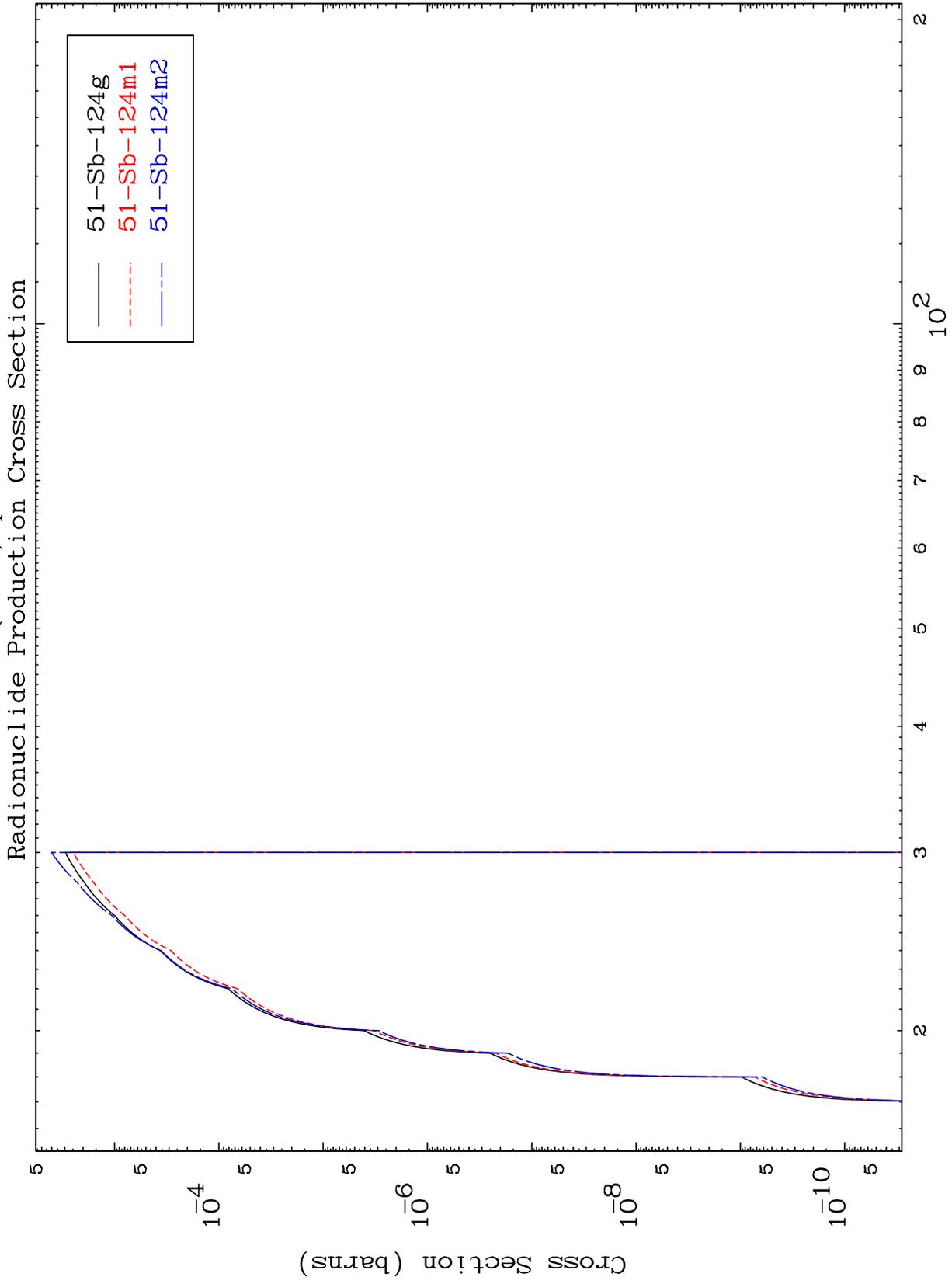
13

50-Sn-122

MAT 5055

(α, n') p

50-Sn-122



14

Incident Energy (MeV)

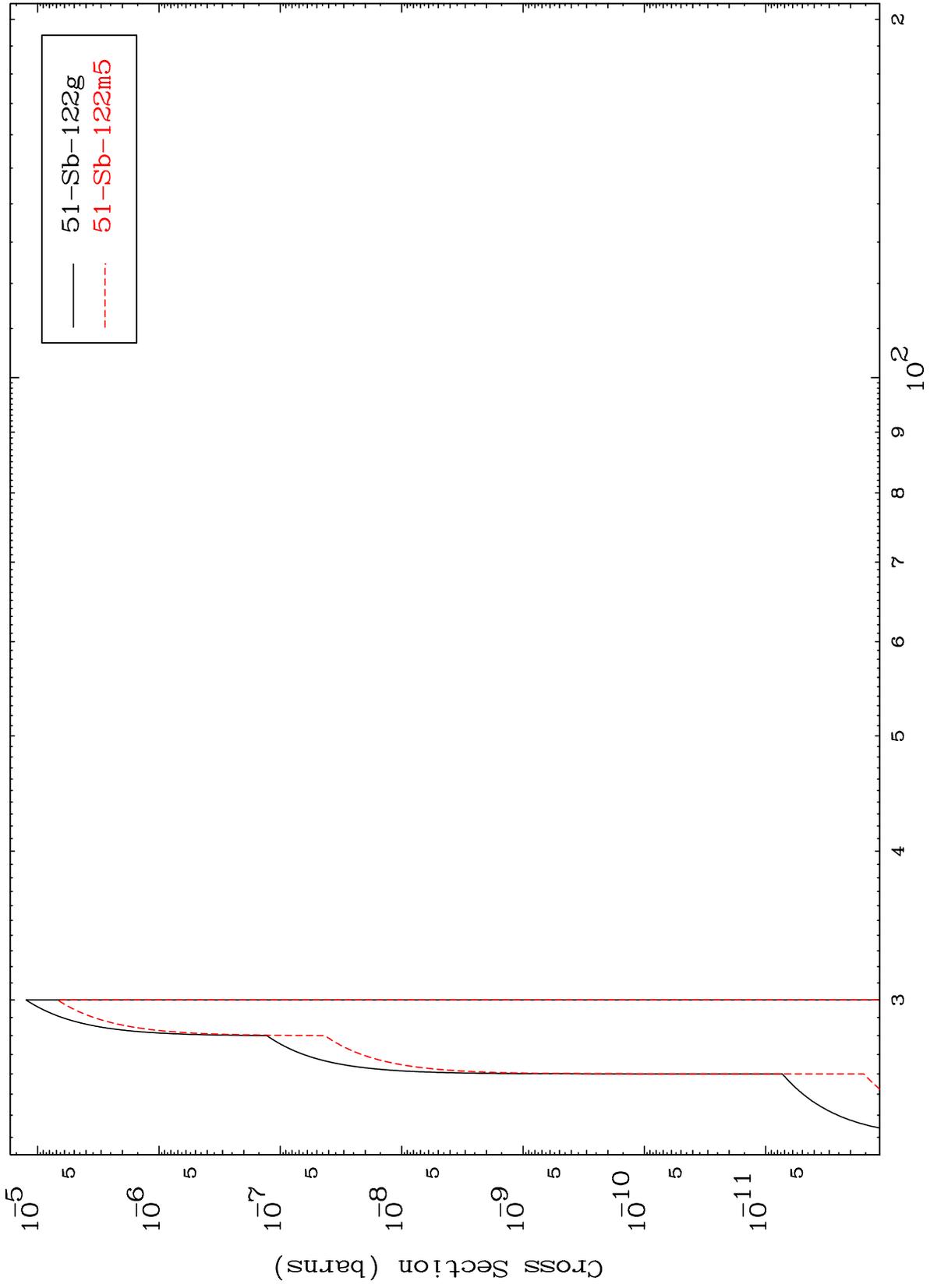
50-Sn-122

MAT 5055

(α, n') t

50-Sn-122

Radionuclide Production Cross Section



15

Incident Energy (MeV)

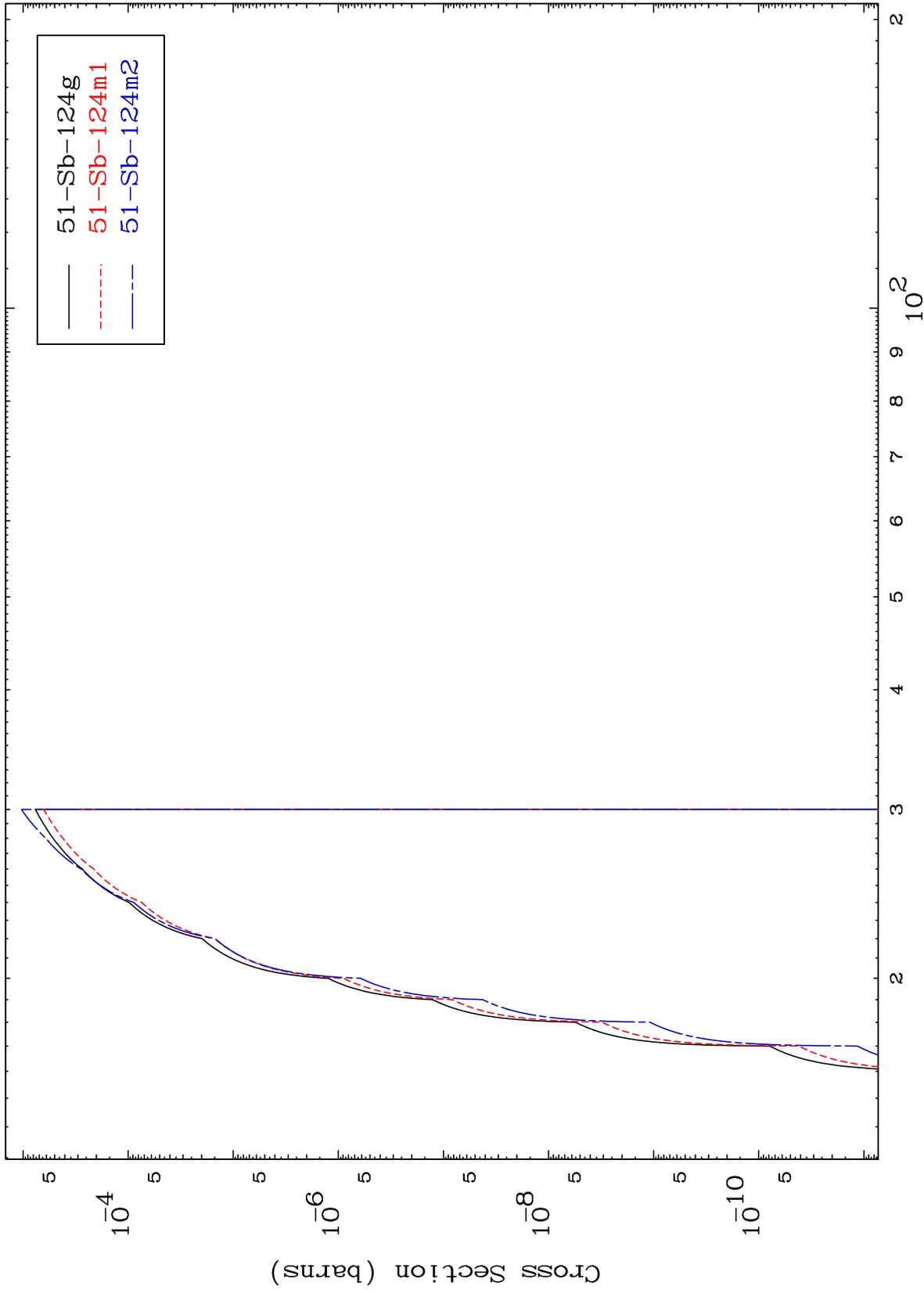
50-Sn-122

MAT 5055

(α, d)

50-Sn-122

Radionuclide Production Cross Section



16

Incident Energy (MeV)

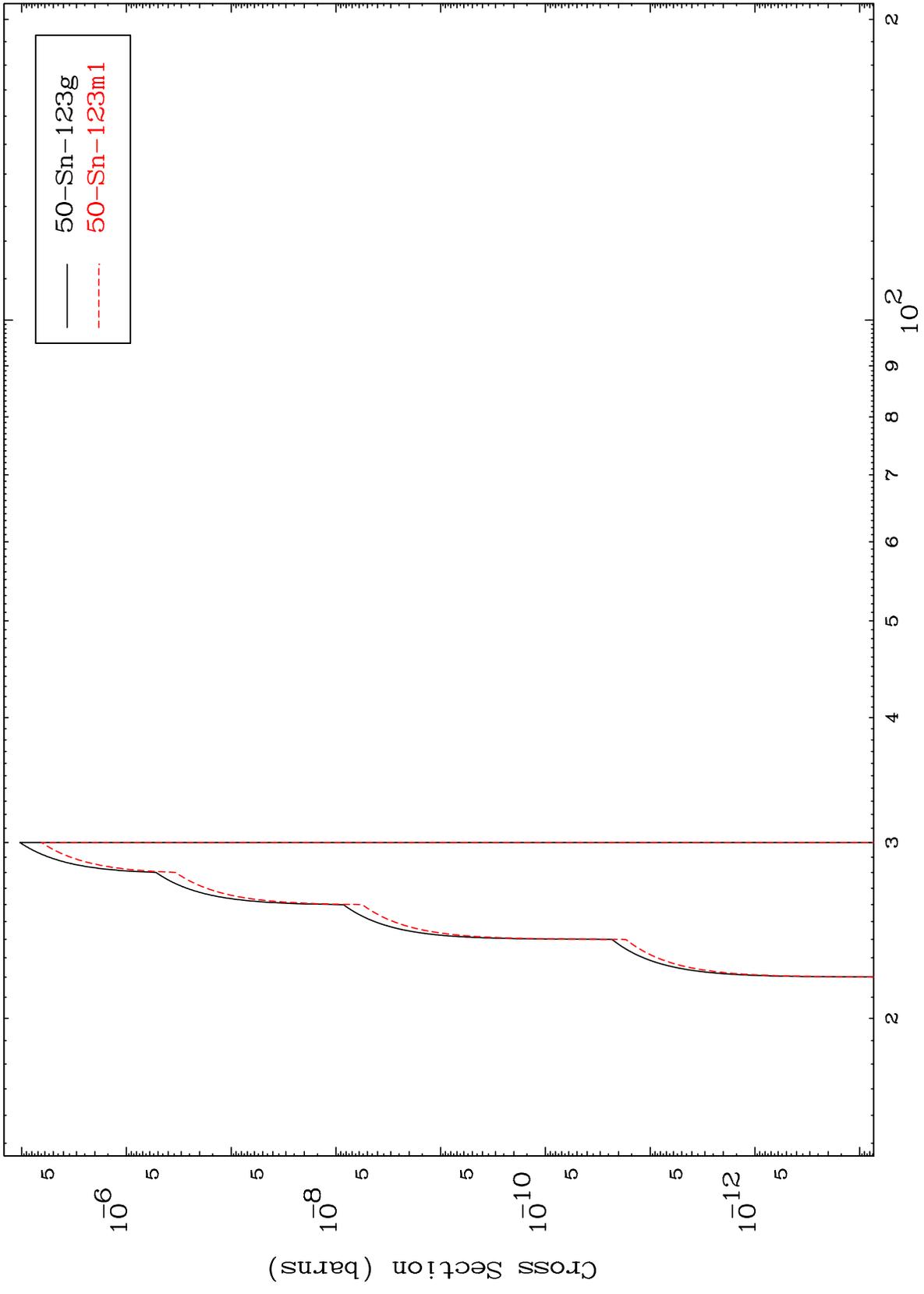
50-Sn-122

MAT 5055

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

50-Sn-122

Radionuclide Production Cross Section



17

Incident Energy (MeV)

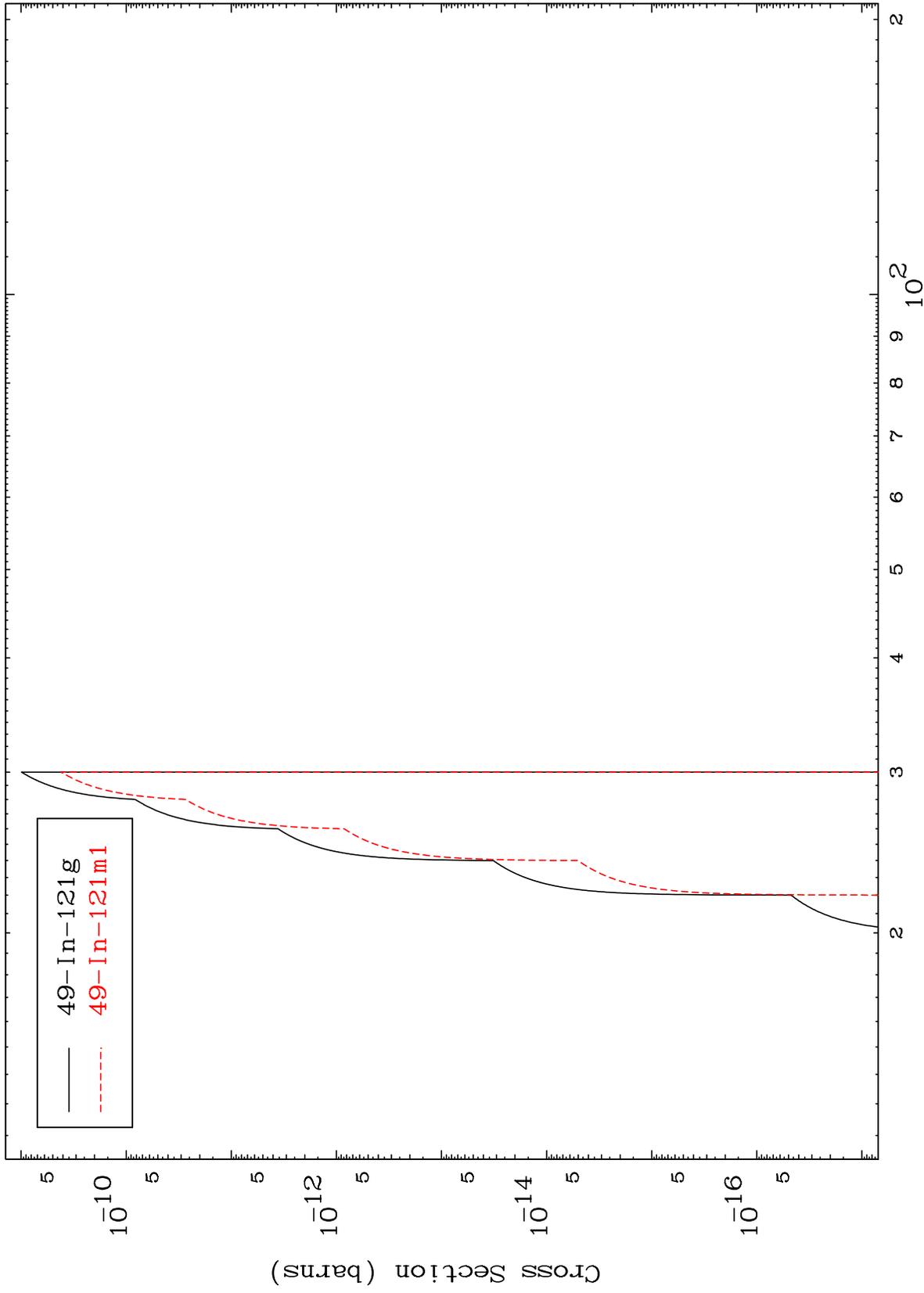
50-Sn-122

MAT 5055

(α, p) α

50-Sn-122

Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-122