

Program EVALPLOT
(Version 2018-1)

by

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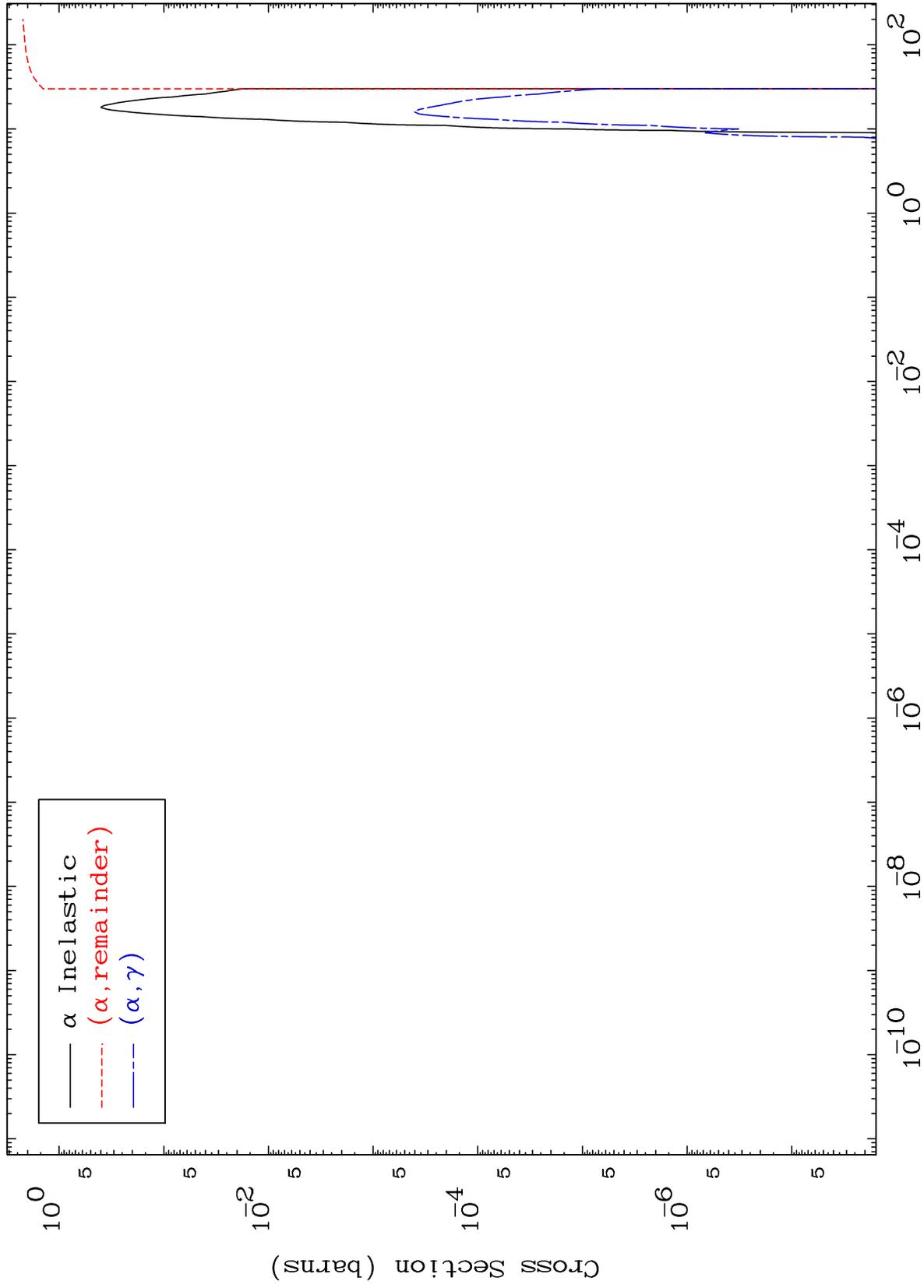
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5231

0 Kelvin α Major
Cross Sections

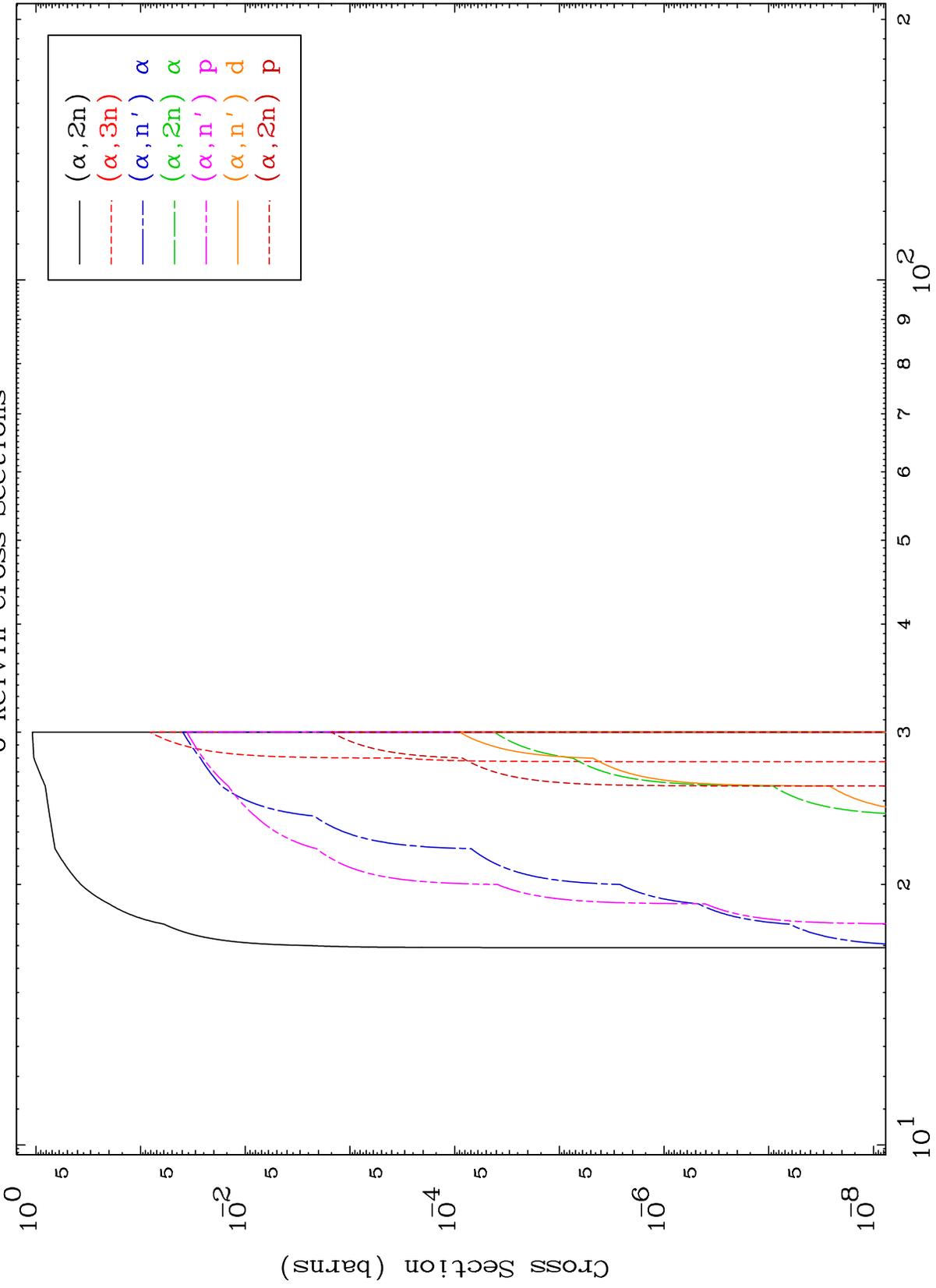
52-Te-122



MAT 5231

α Neutron Production
0 Kelvin Cross Sections

52-Te-122



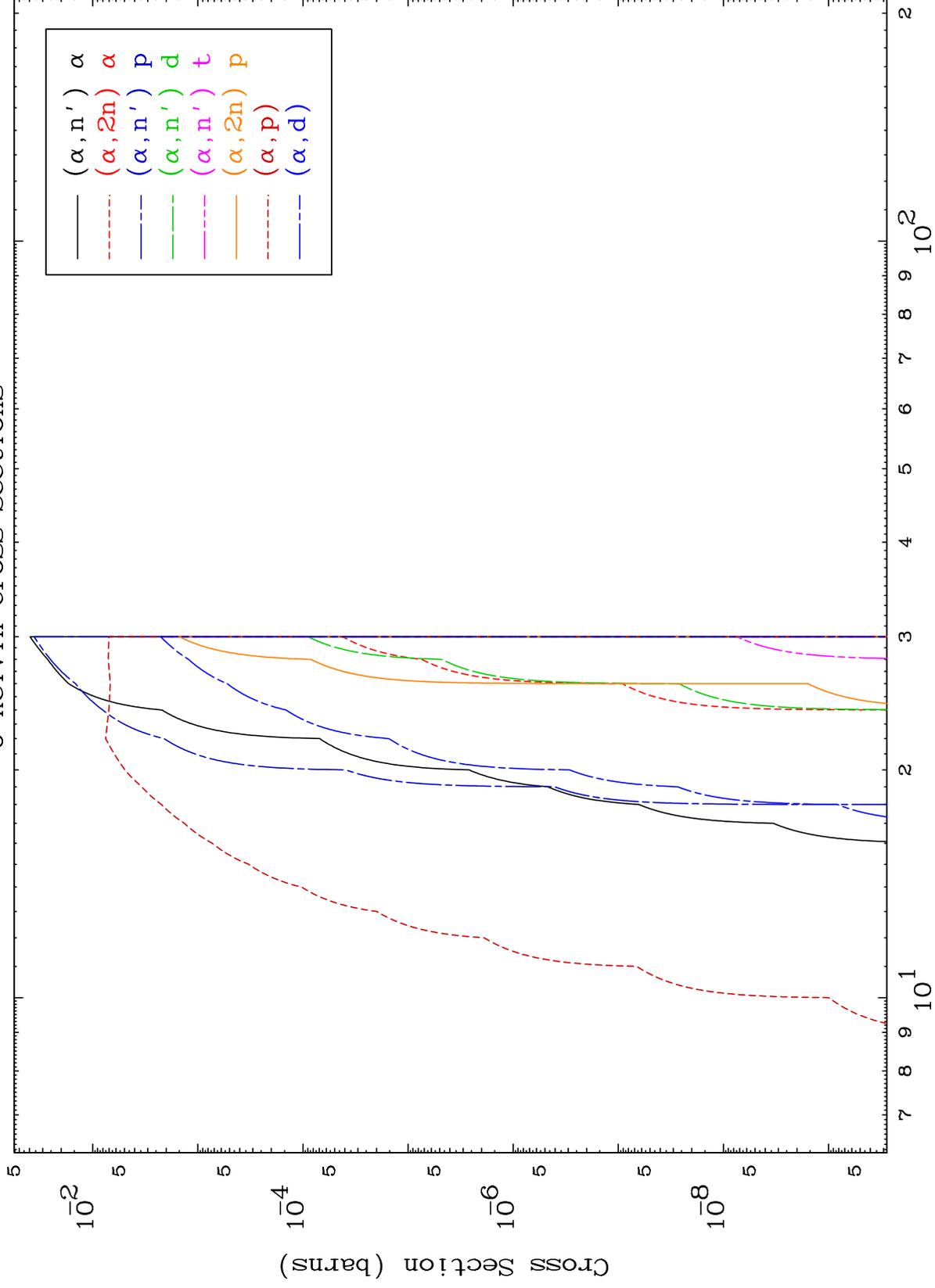
Incident Energy (MeV)

52-Te-122

MAT 5231

α Charged Particle
0 Kelvin Cross Sections

52-Te-122



3

Incident Energy (MeV)

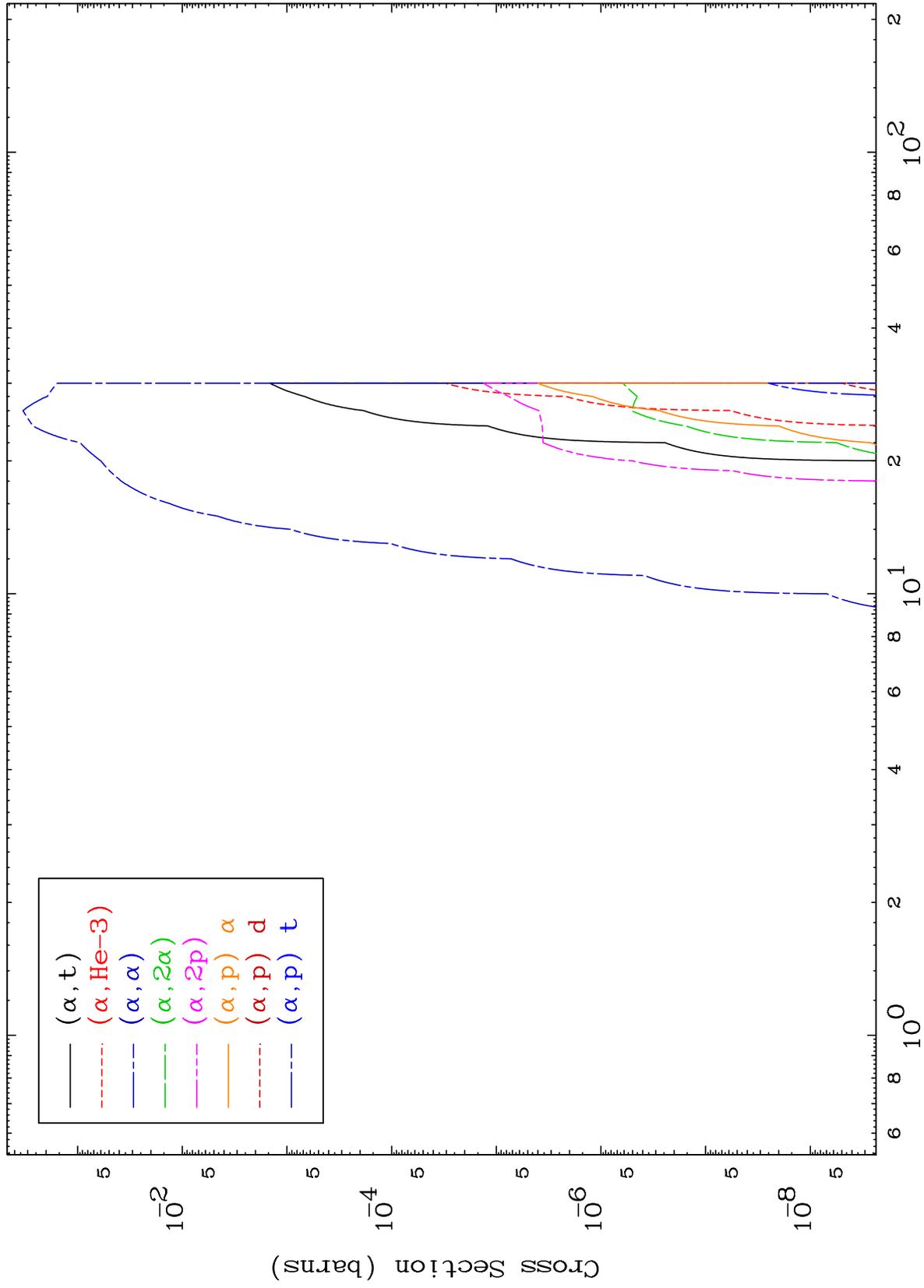
52-Te-122

MAT 5231

α Charged Particle

52-Te-122

0 Kelvin Cross Sections



4

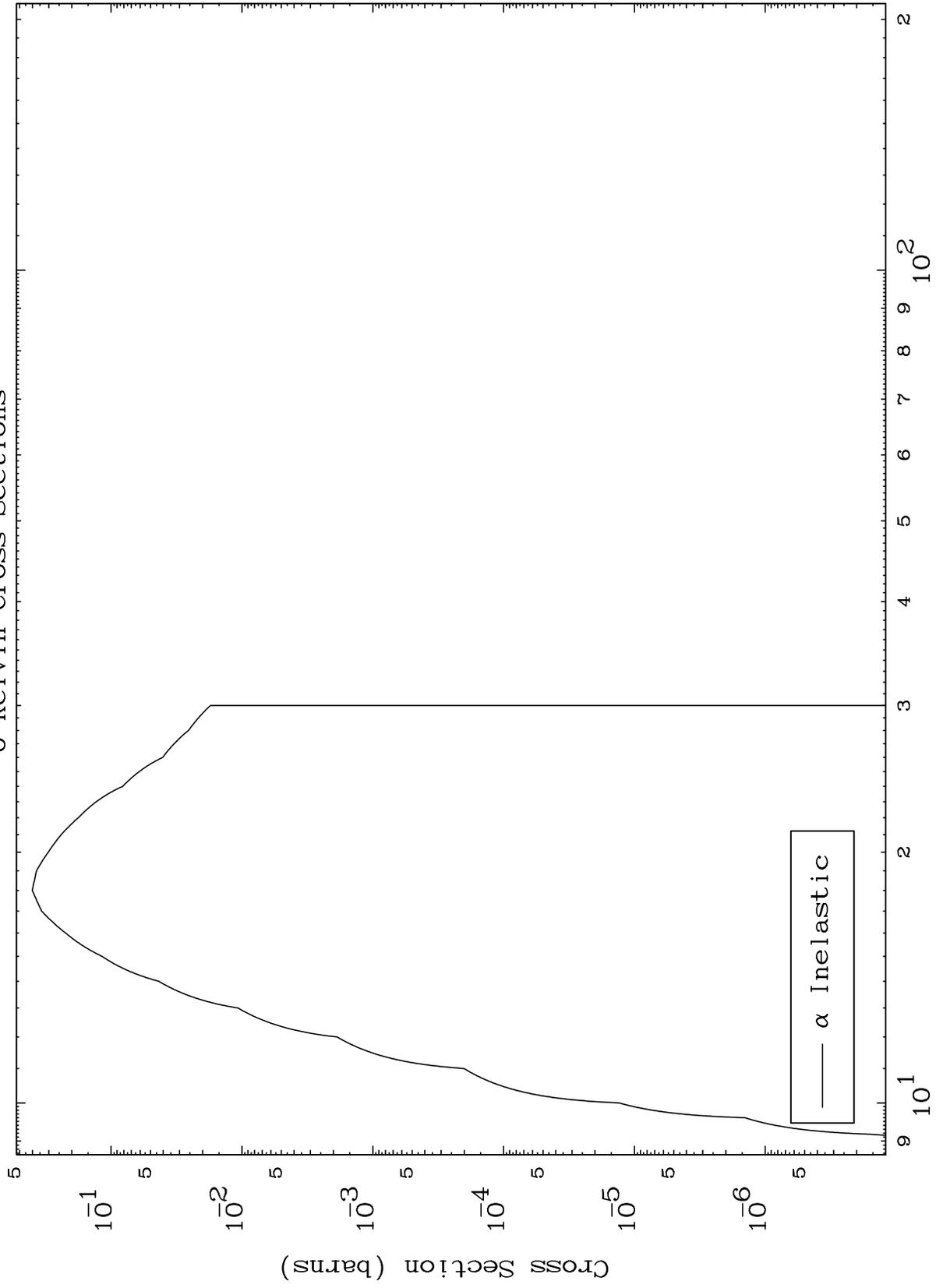
Incident Energy (MeV)

52-Te-122

MAT 5231

(α, n') Level
0 Kelvin Cross Sections

52-Te-122



5

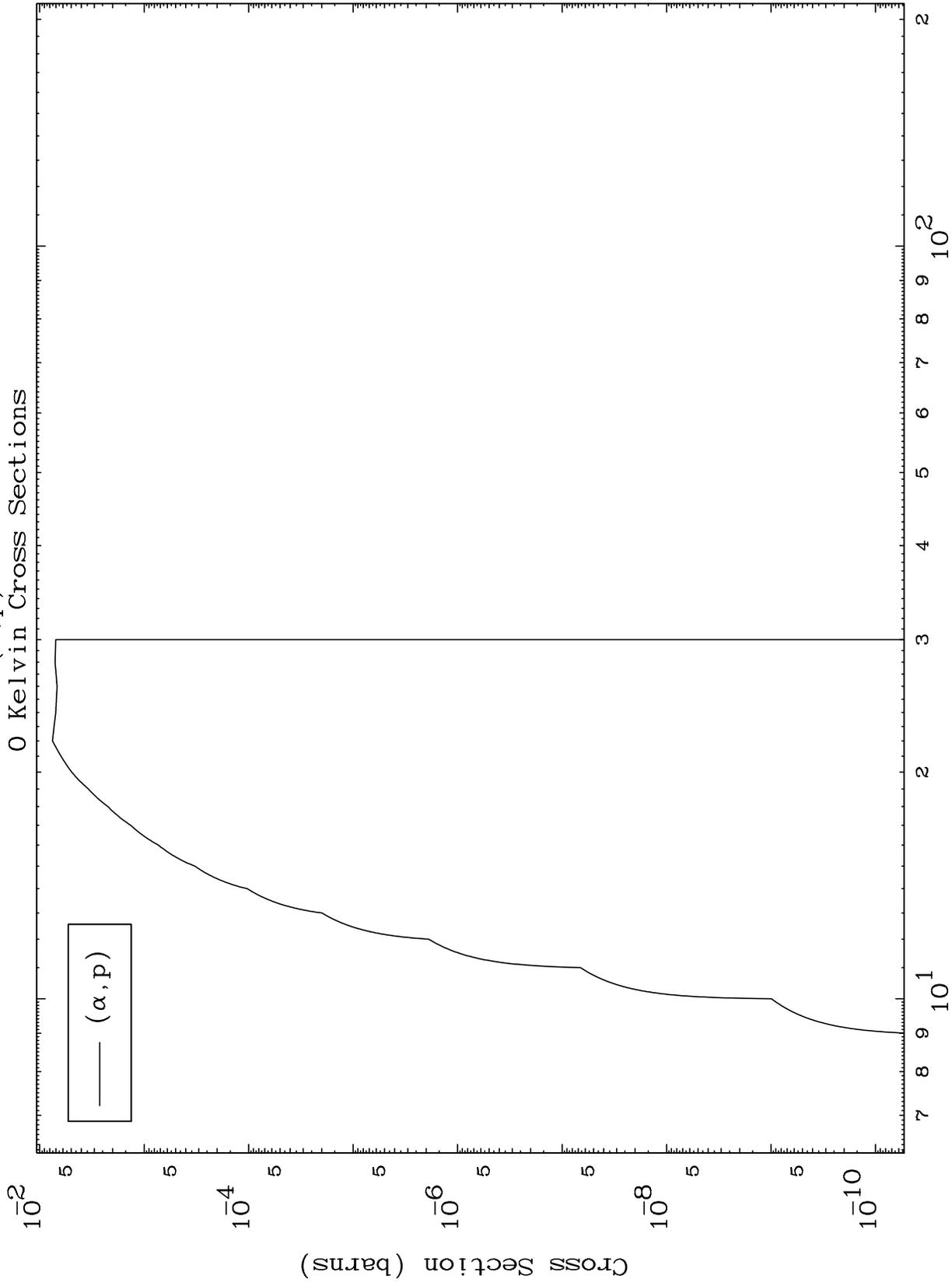
Incident Energy (MeV)

52-Te-122

MAT 5231

(α, p) Levels
0 Kelvin Cross Sections

52-Te-122



6

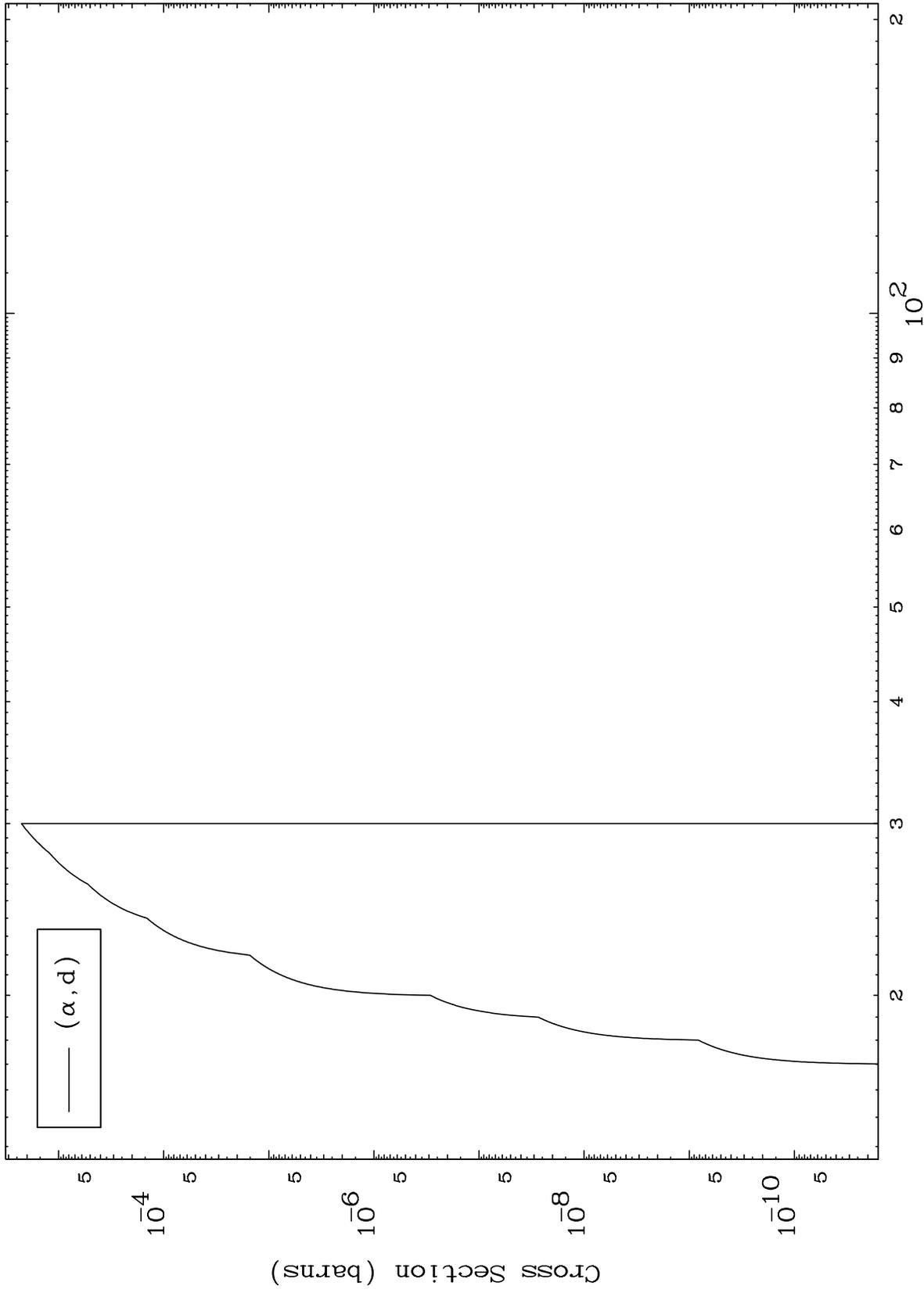
Incident Energy (MeV)

52-Te-122

MAT 5231

(α, d) Levels
0 Kelvin Cross Sections

52-Te-122



7

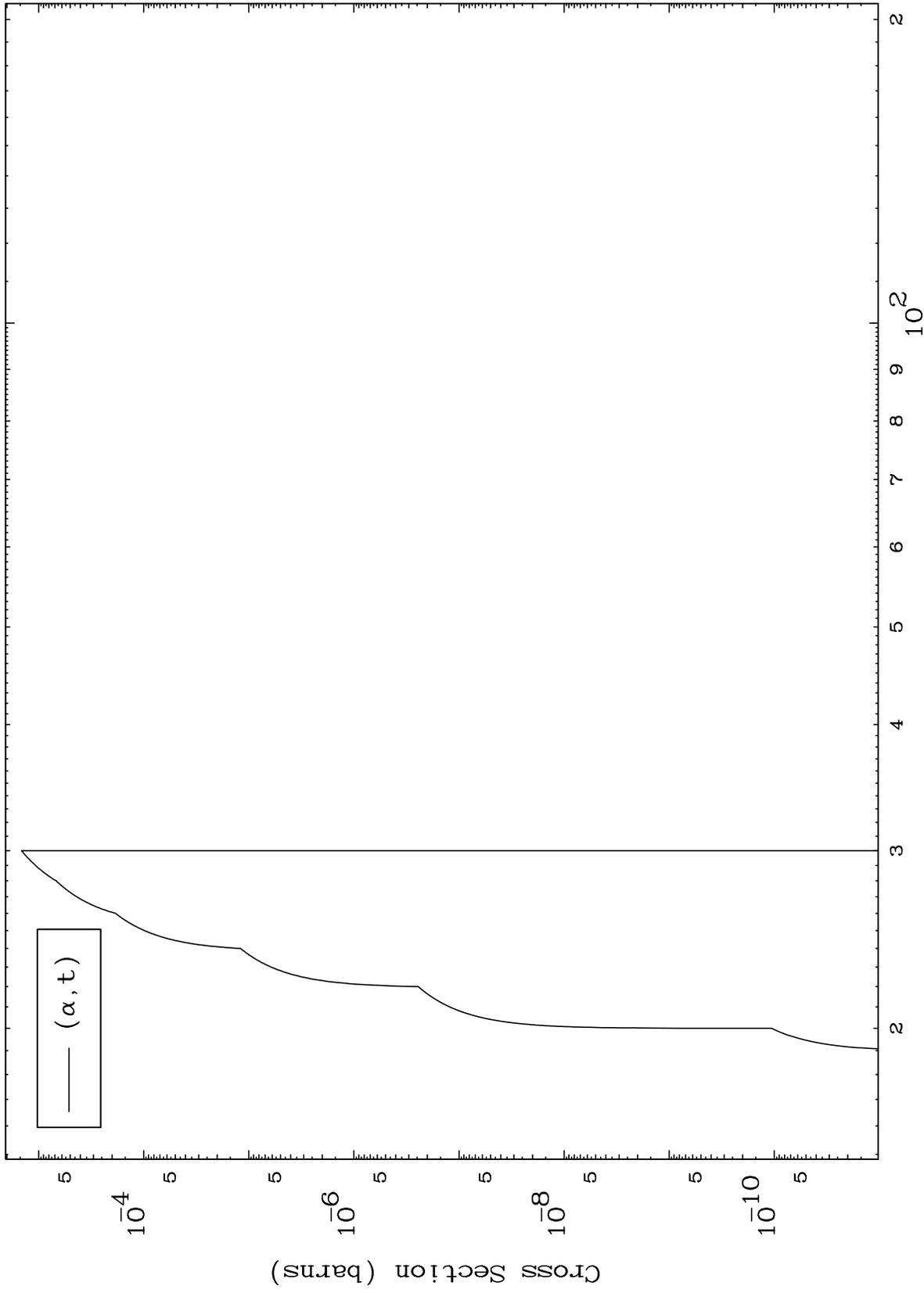
Incident Energy (MeV)

52-Te-122

MAT 5231

(α, t) Levels
0 Kelvin Cross Sections

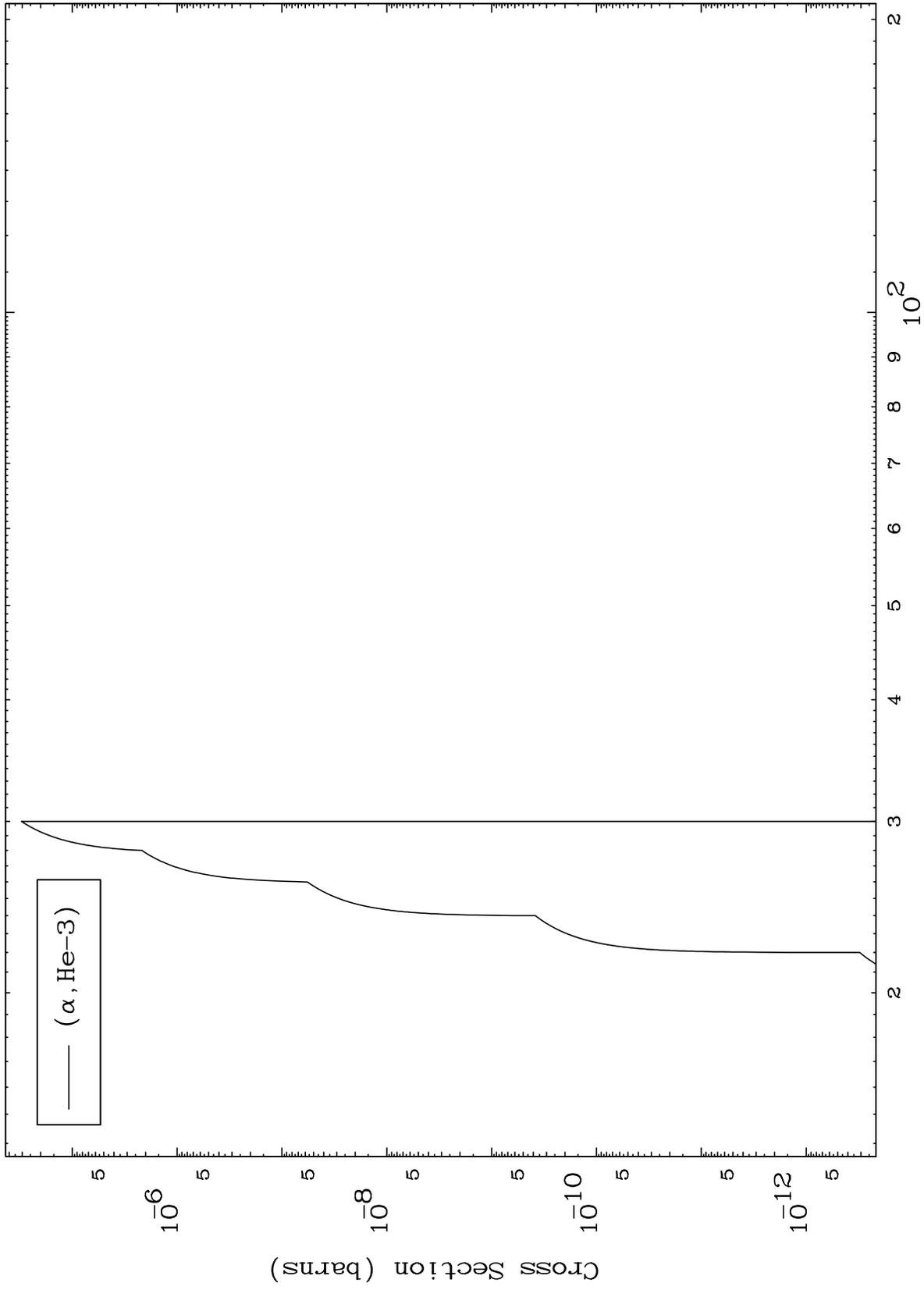
52-Te-122



MAT 5231

(α ,He3) Levels
0 Kelvin Cross Sections

52-Te-122



9

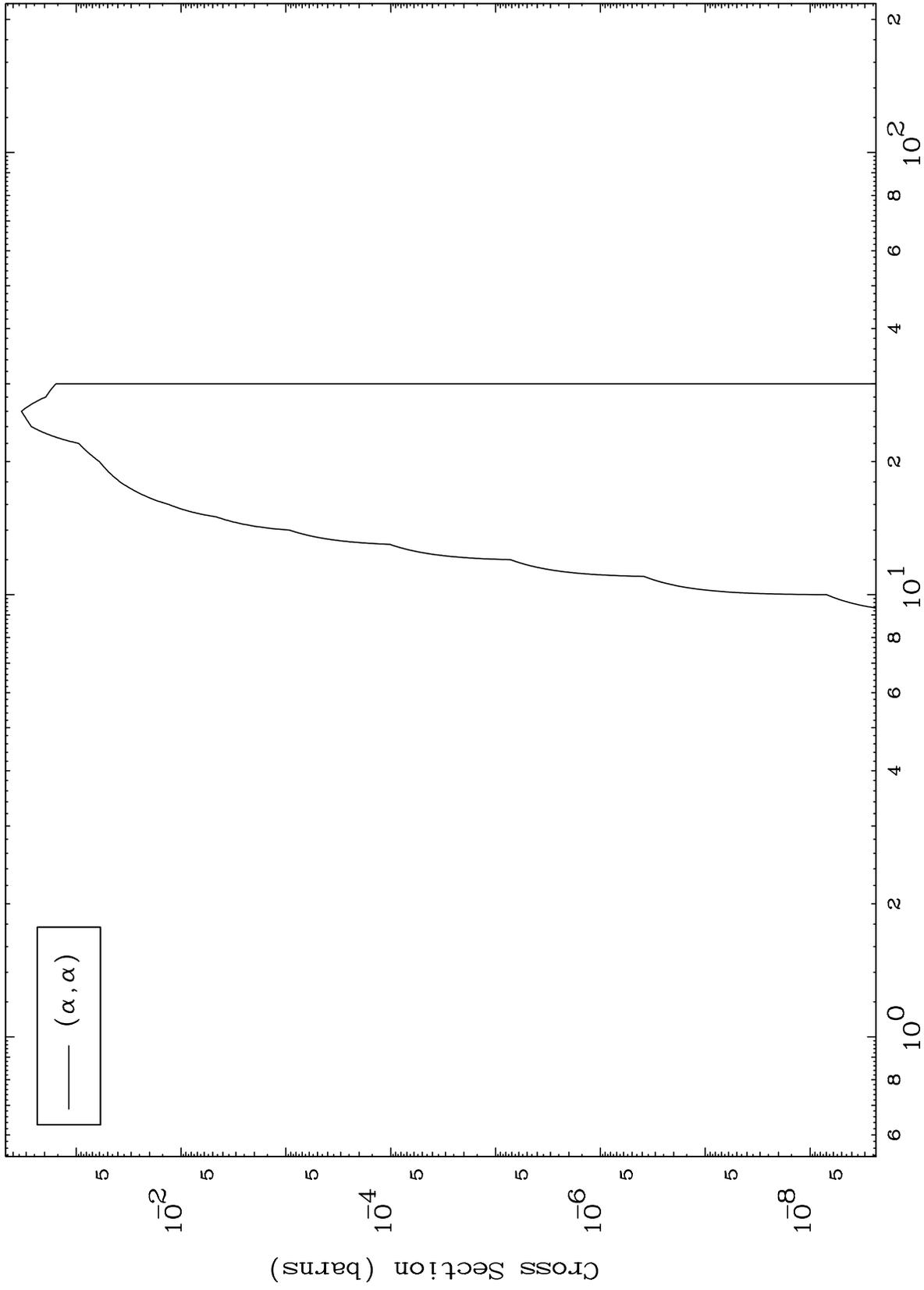
Incident Energy (MeV)

52-Te-122

MAT 5231

(α, α) Levels
0 Kelvin Cross Sections

52-Te-122



10

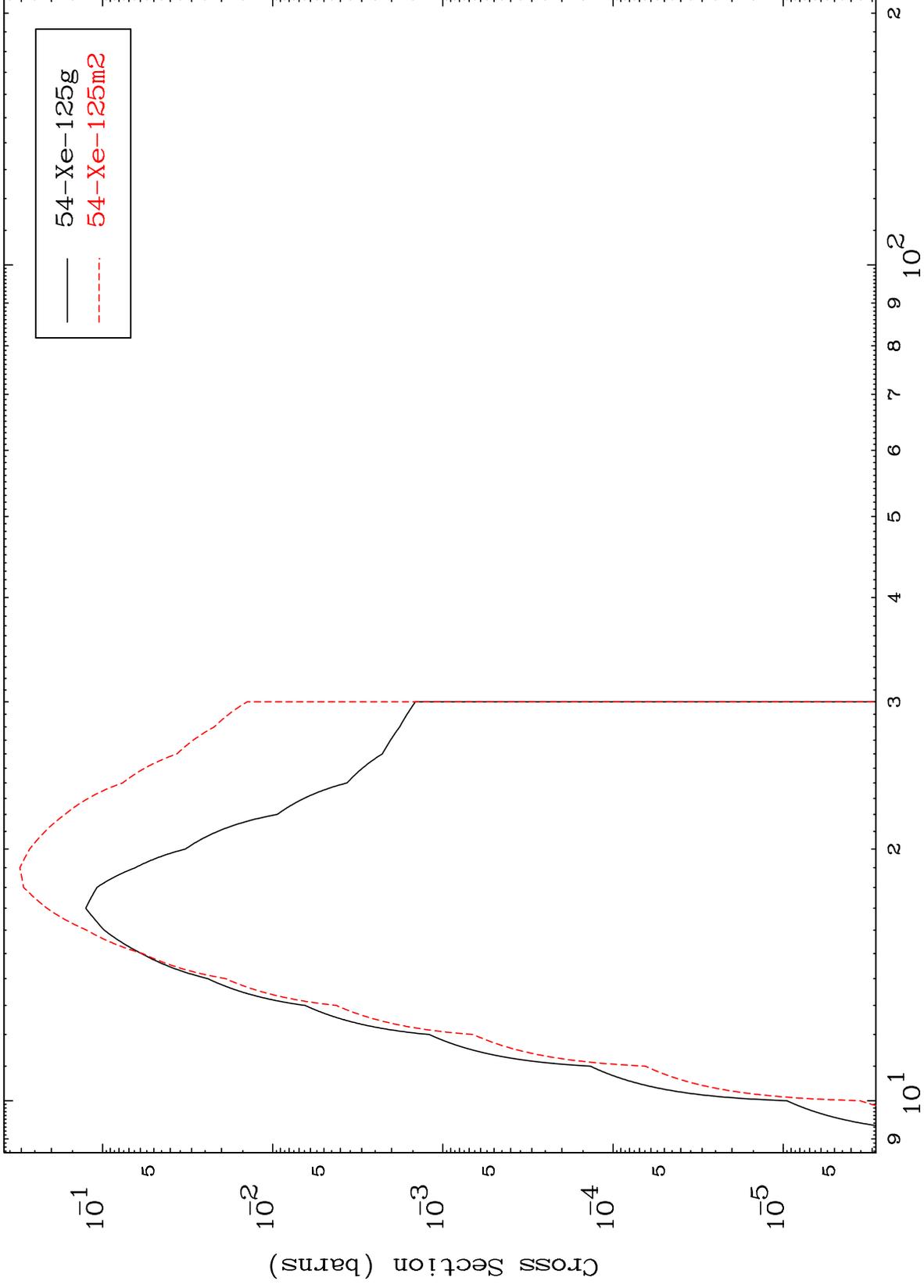
Incident Energy (MeV)

52-Te-122

MAT 5231

α Inelastic
Radionuclide Production Cross Section

⁵²Te-122



11

Incident Energy (MeV)

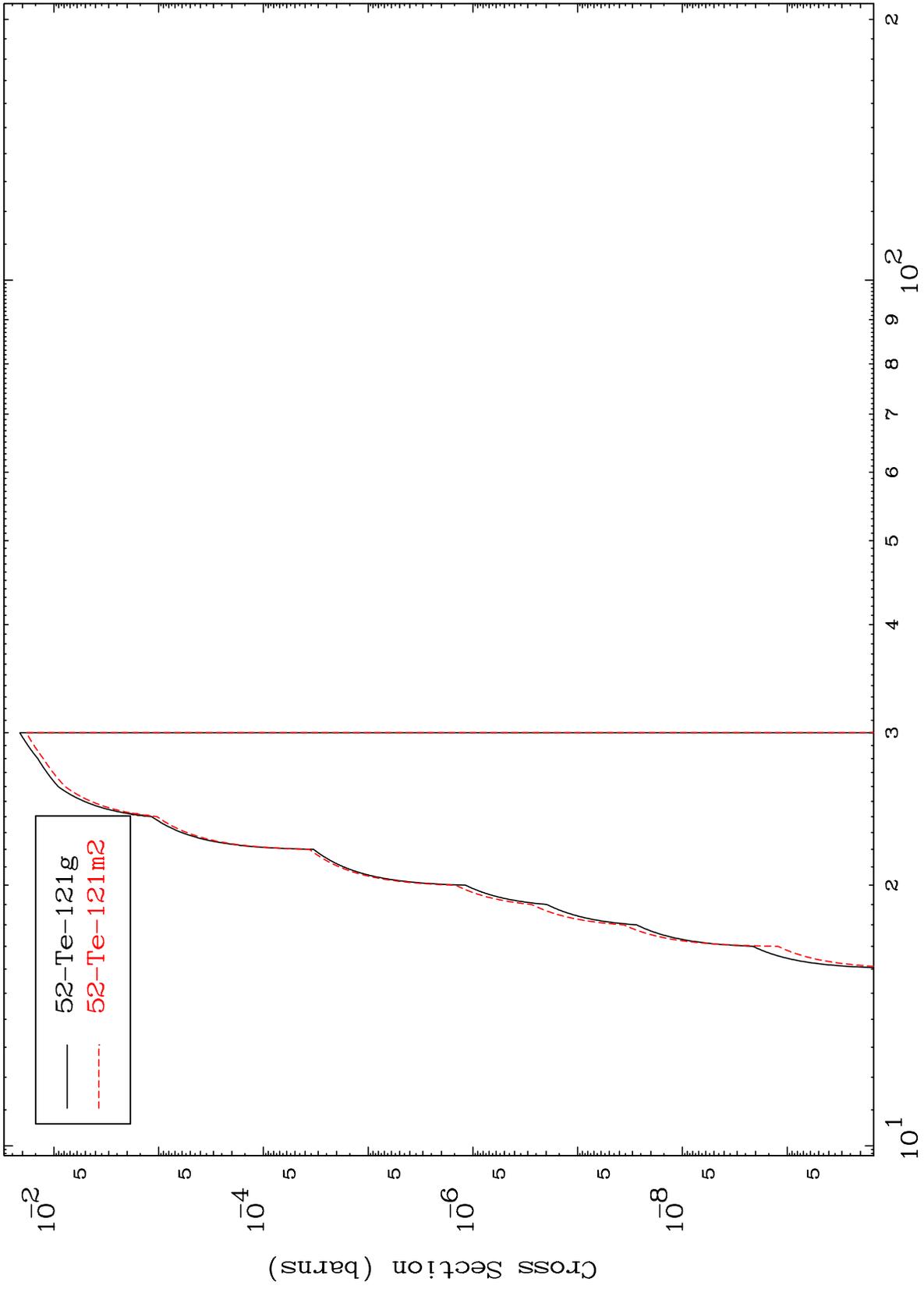
⁵²Te-122

MAT 5231

(α, n') α

52-Te-122

Radionuclide Production Cross Section



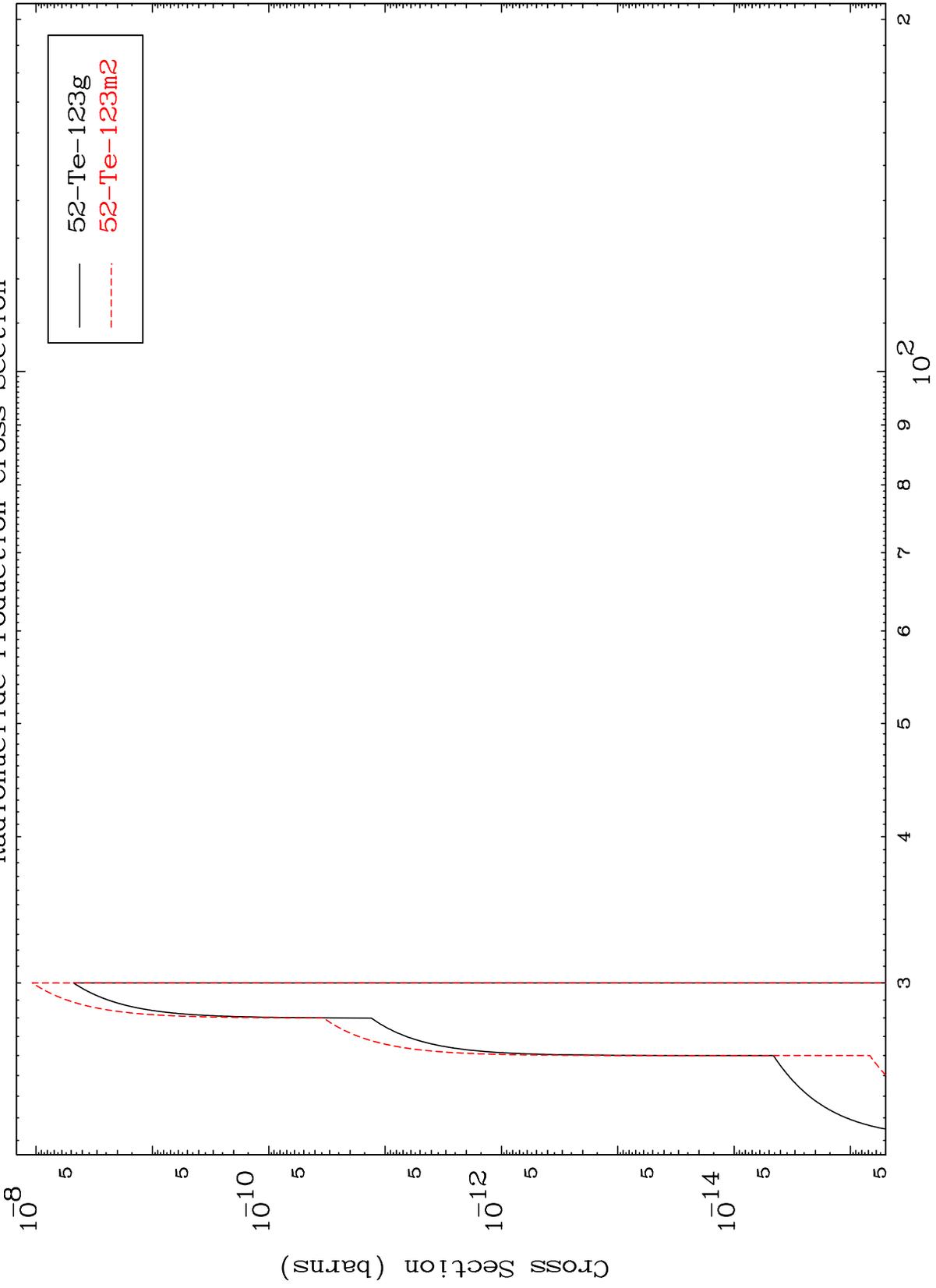
52-Te-121g
52-Te-121m2

MAT 5231

$(\alpha, 2n)$ p

$^{52}\text{Te-122}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

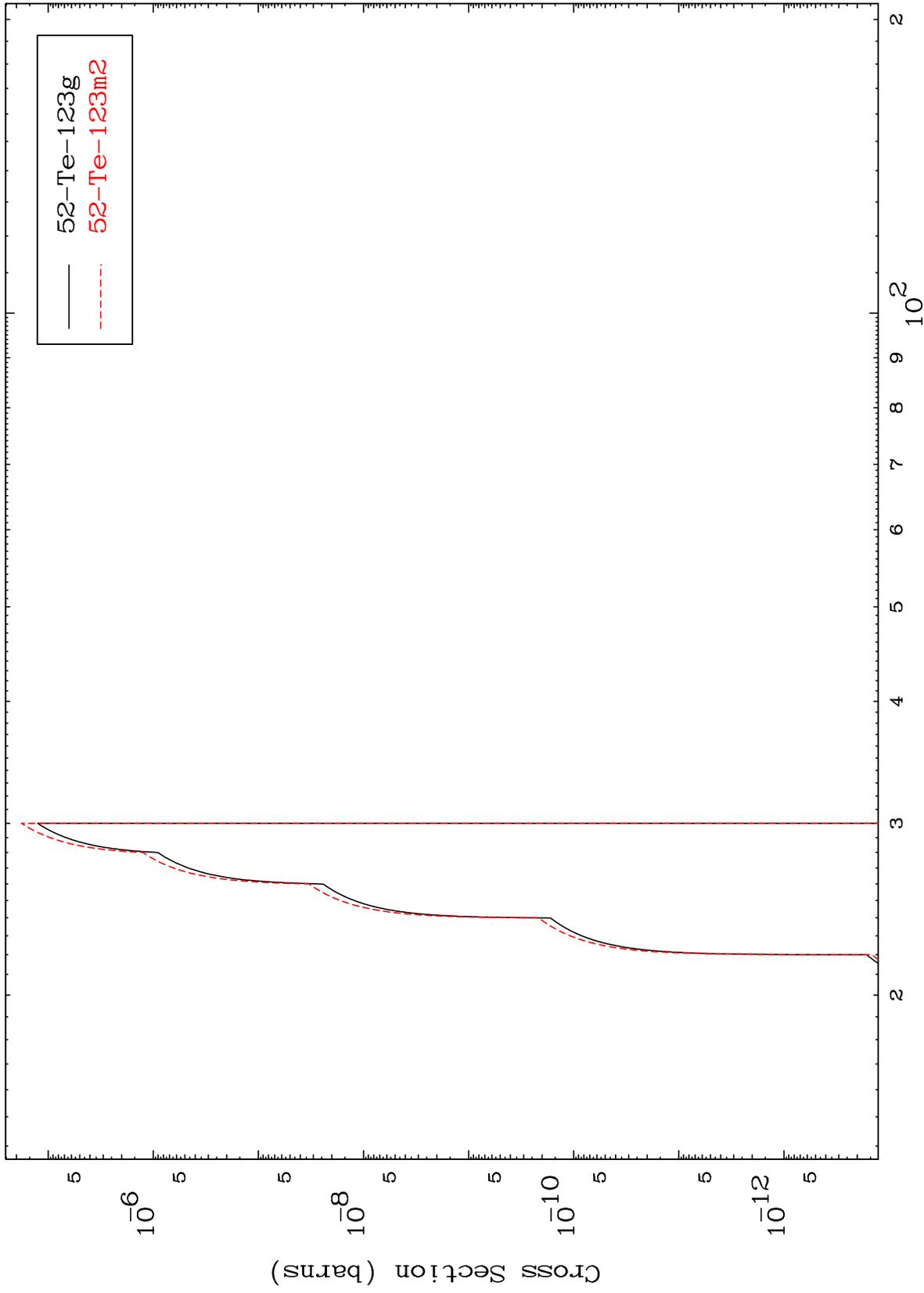
$^{52}\text{Te-122}$

MAT 5231

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

52-Te-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

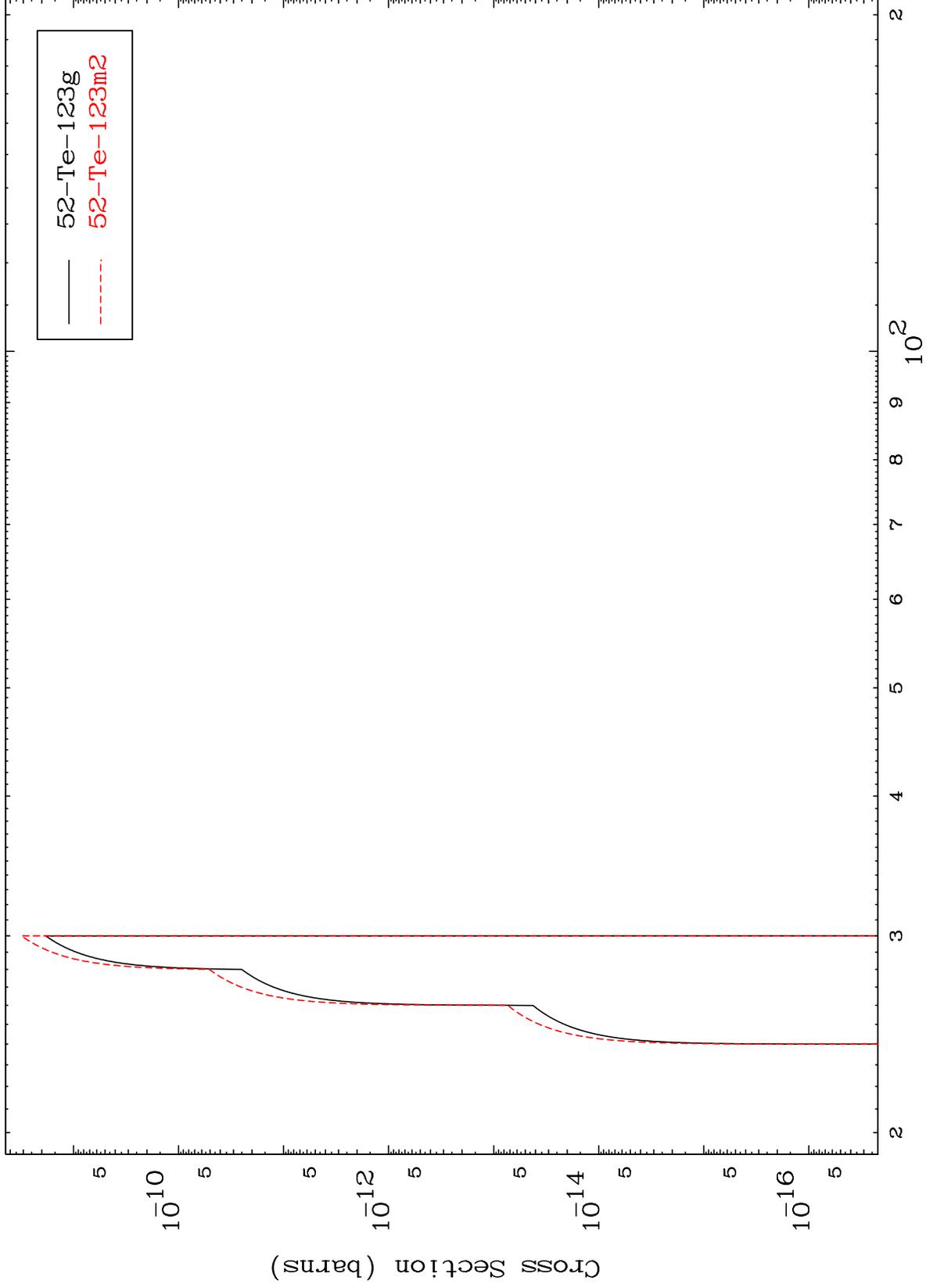
52-Te-122

MAT 5231

(α, p) d

⁵²Te-122

Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁵²Te-122