

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

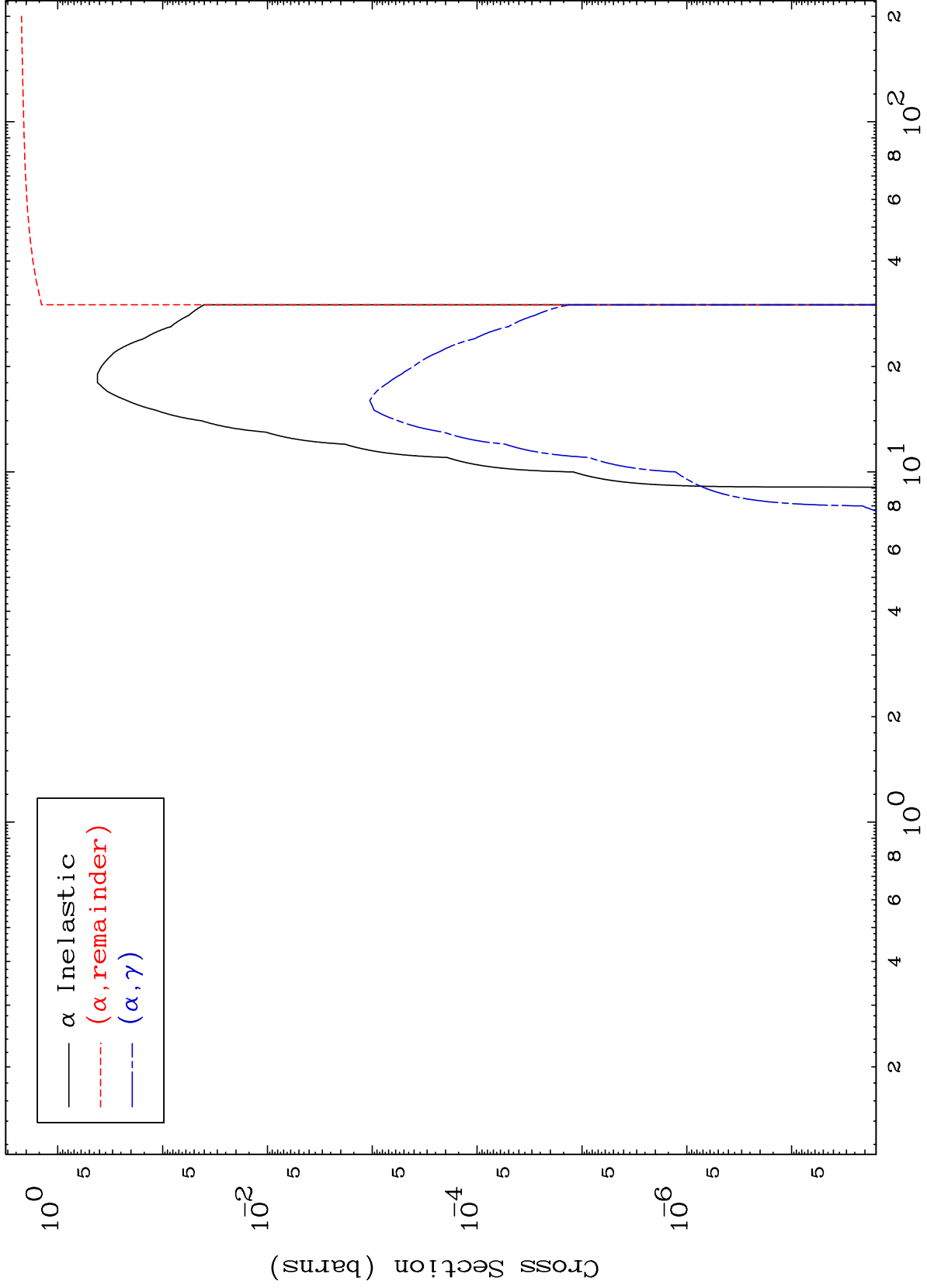
Press Mouse Button to Start

MAT 5231

$\alpha$  Major

0 Kelvin Cross Sections

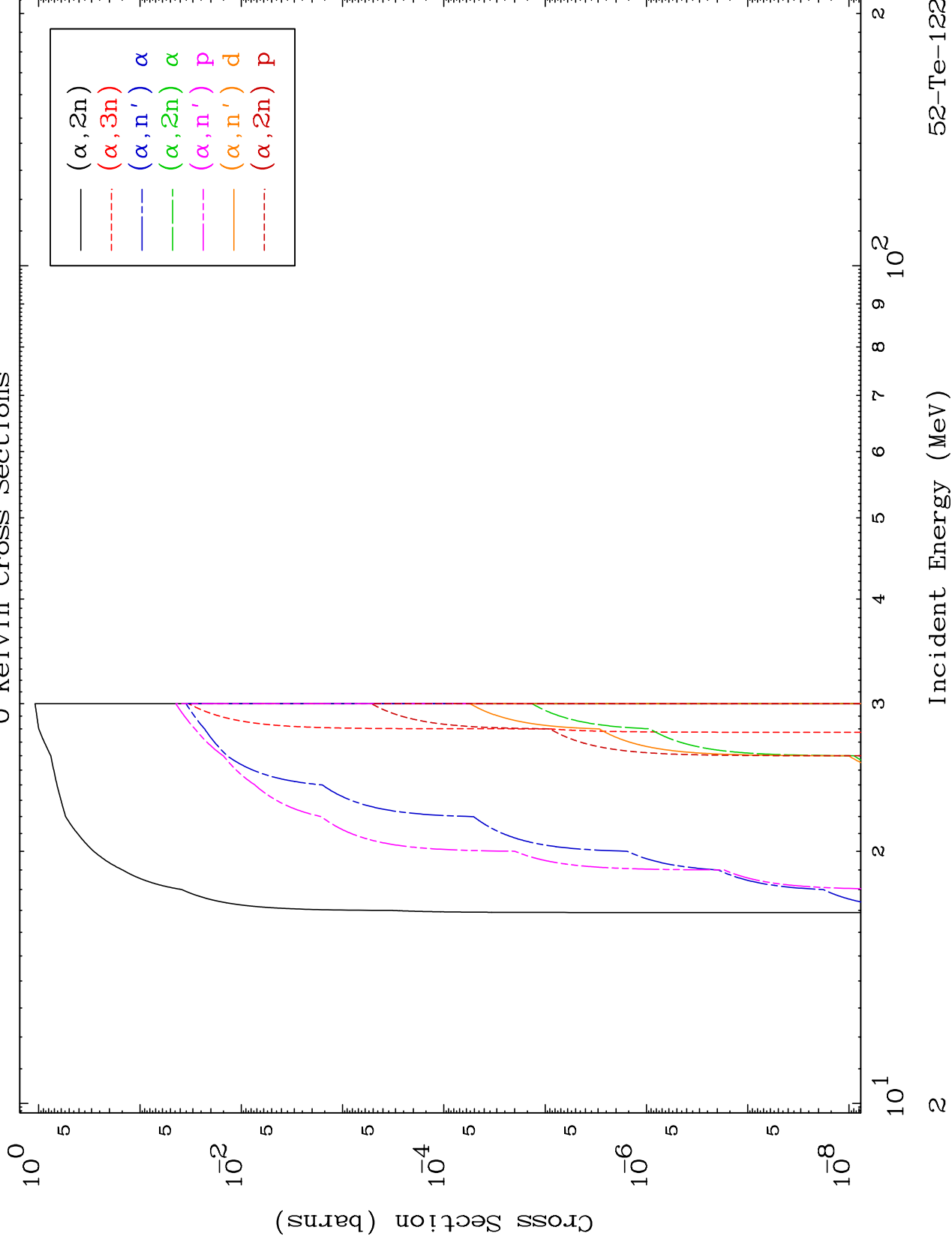
52-Te-122



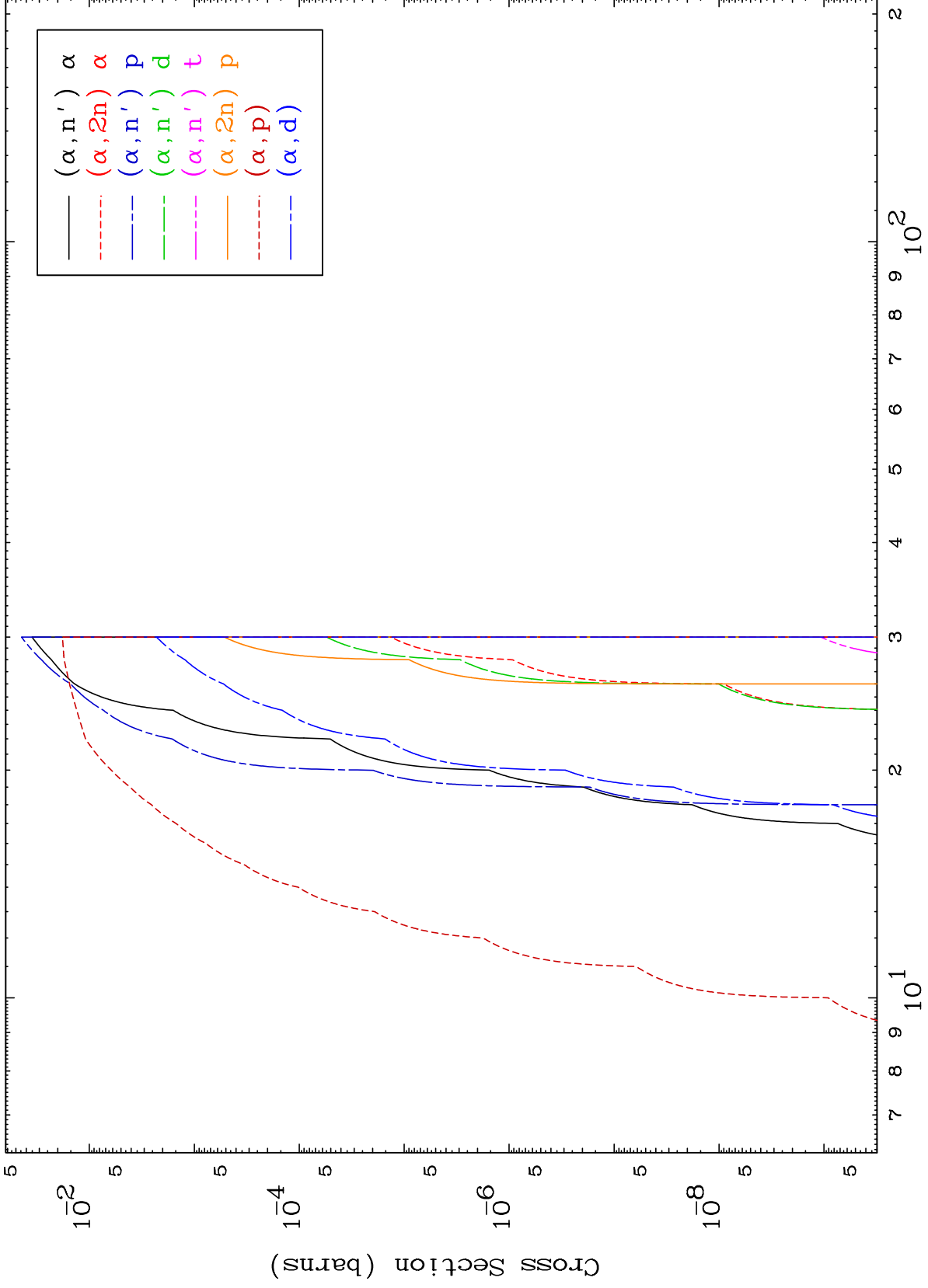
MAT 5231

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

52-Te-122



52-Te-122

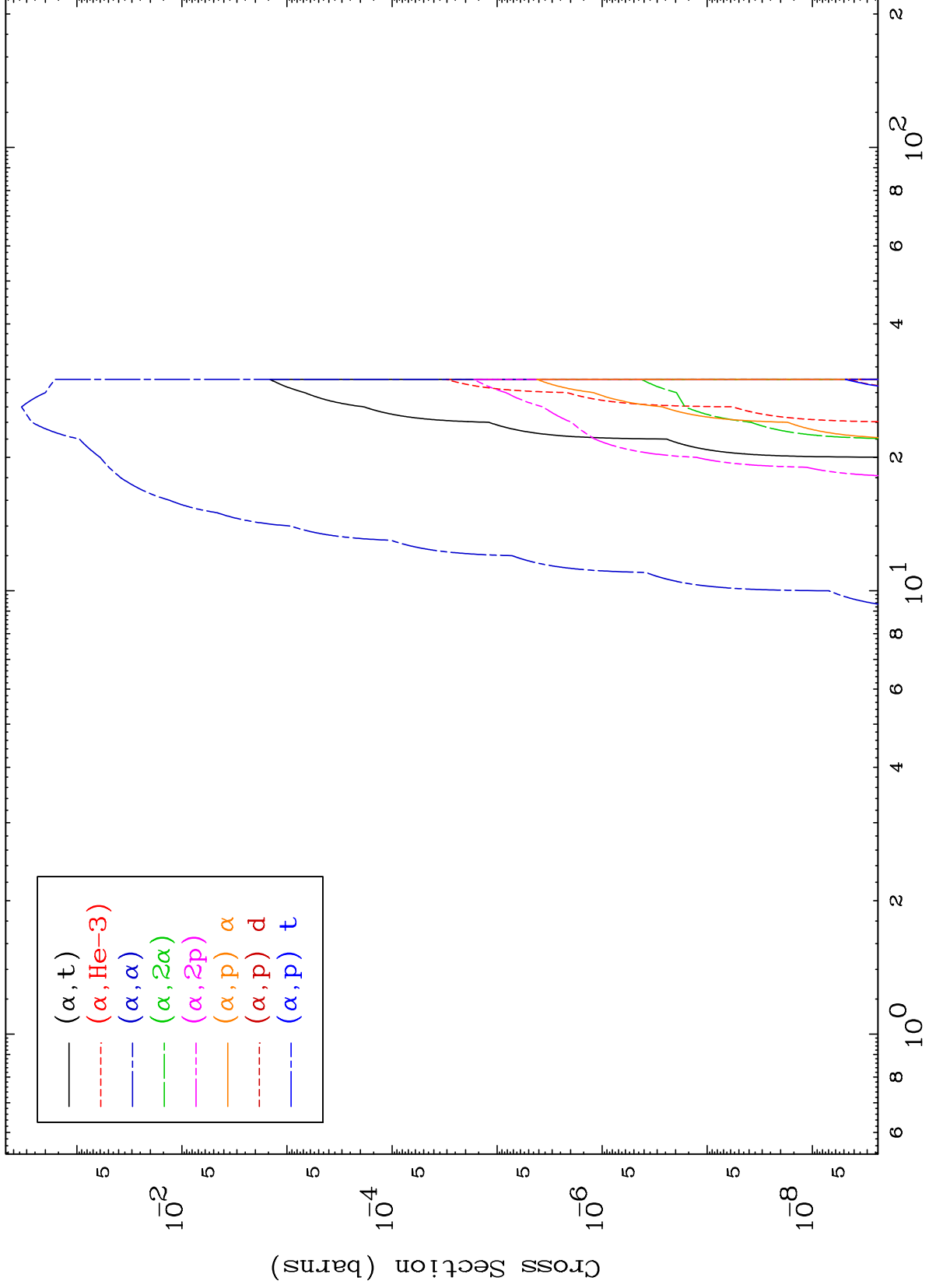


MAT 5231

$\alpha$  Charged Particle

52-Te-122

0 Kelvin Cross Sections

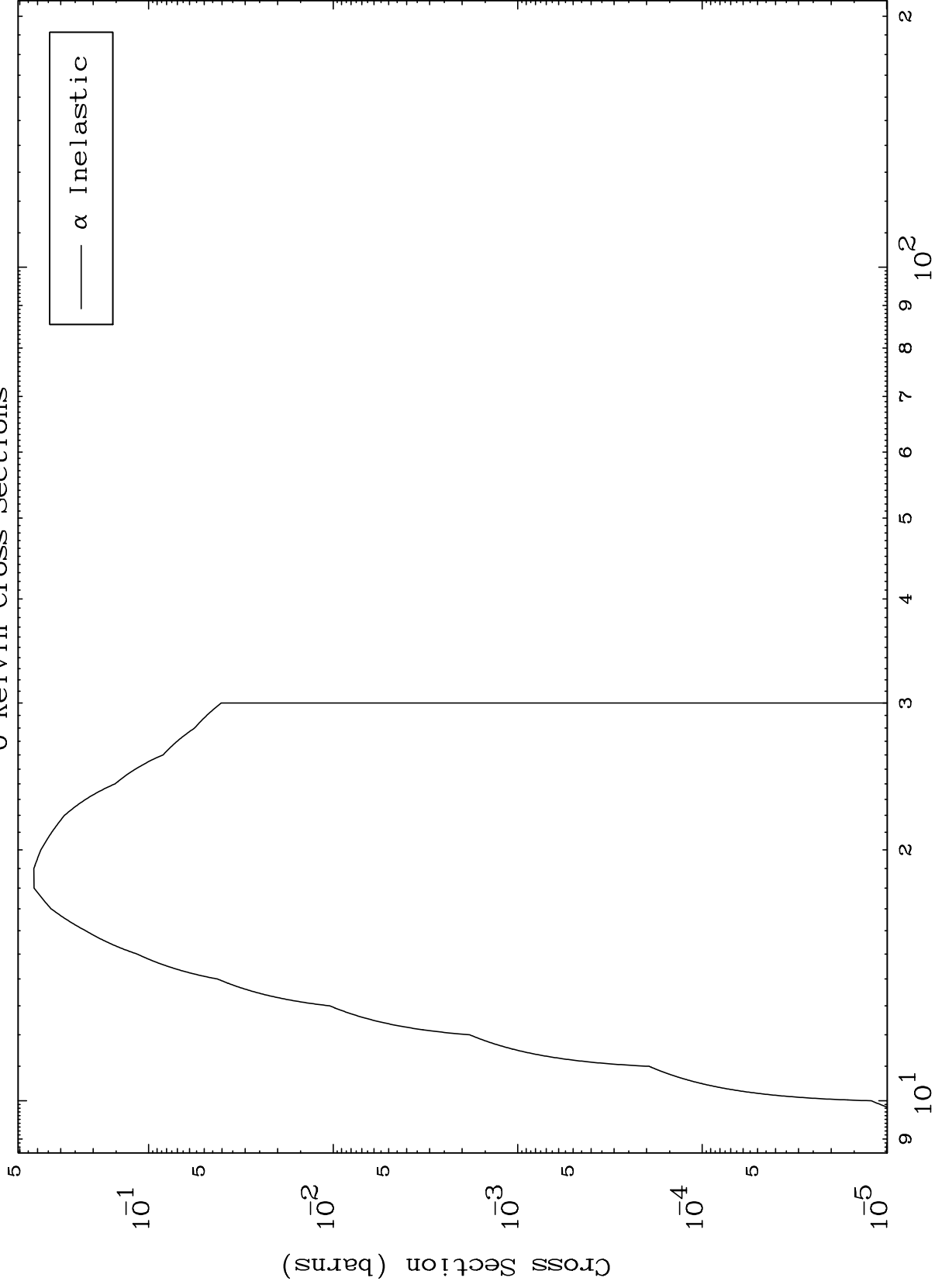


MAT 5231

( $\alpha, n'$ ) Level

52-Te-122

0 Kelvin Cross Sections



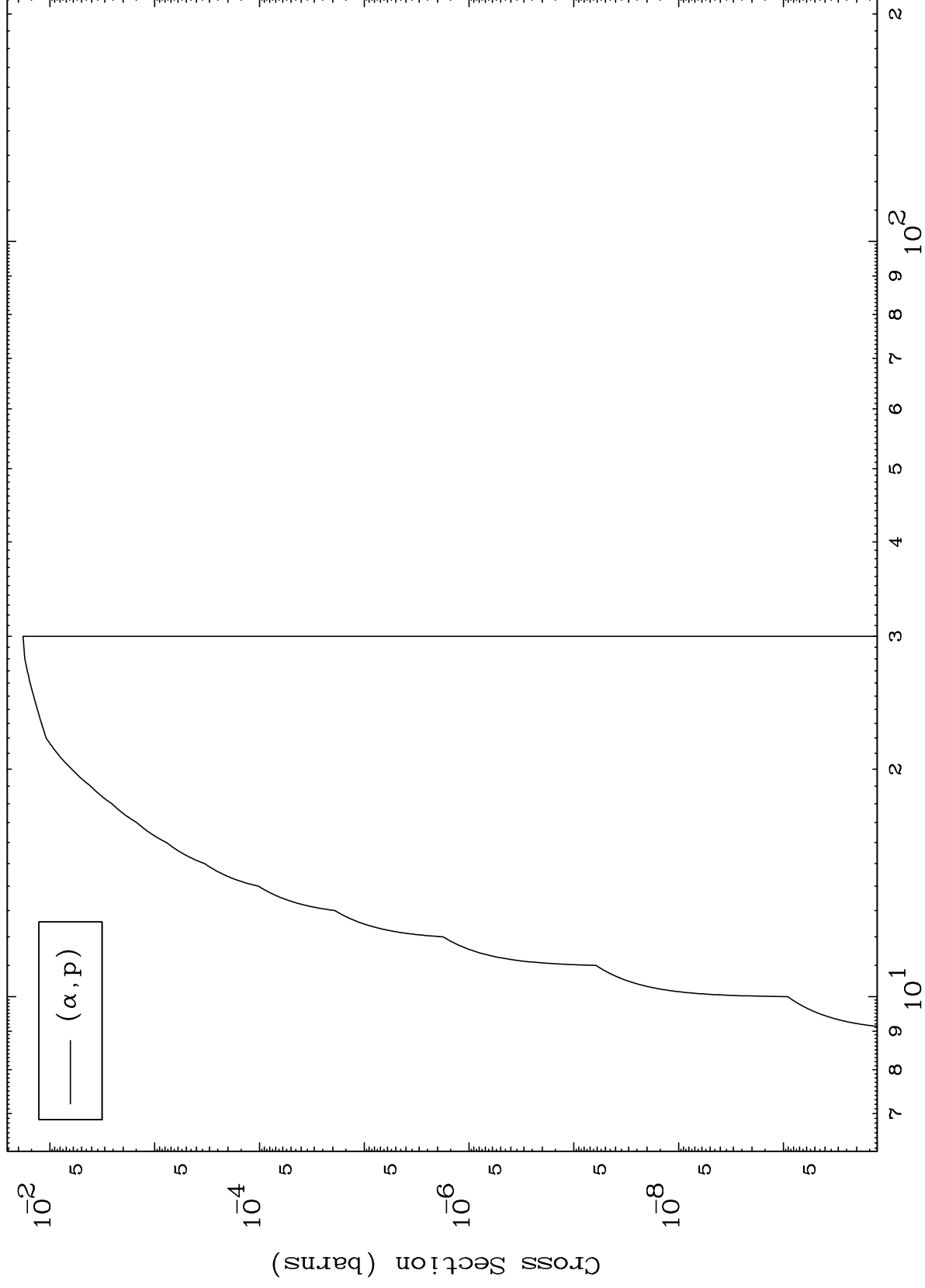
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



52-Te-122

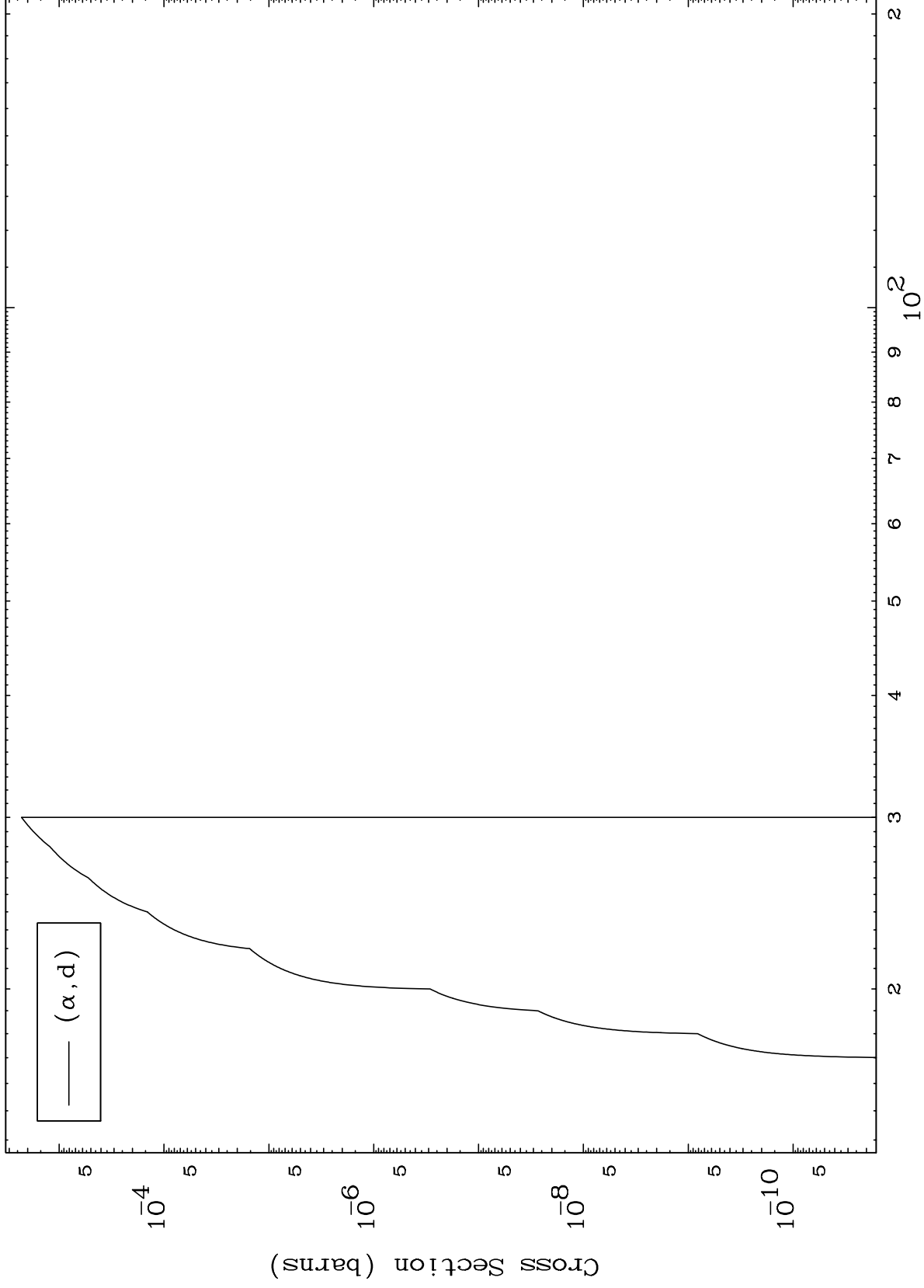
Incident Energy (MeV)

6

MAT 5231

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

52-Te-122



7

Incident Energy (MeV)

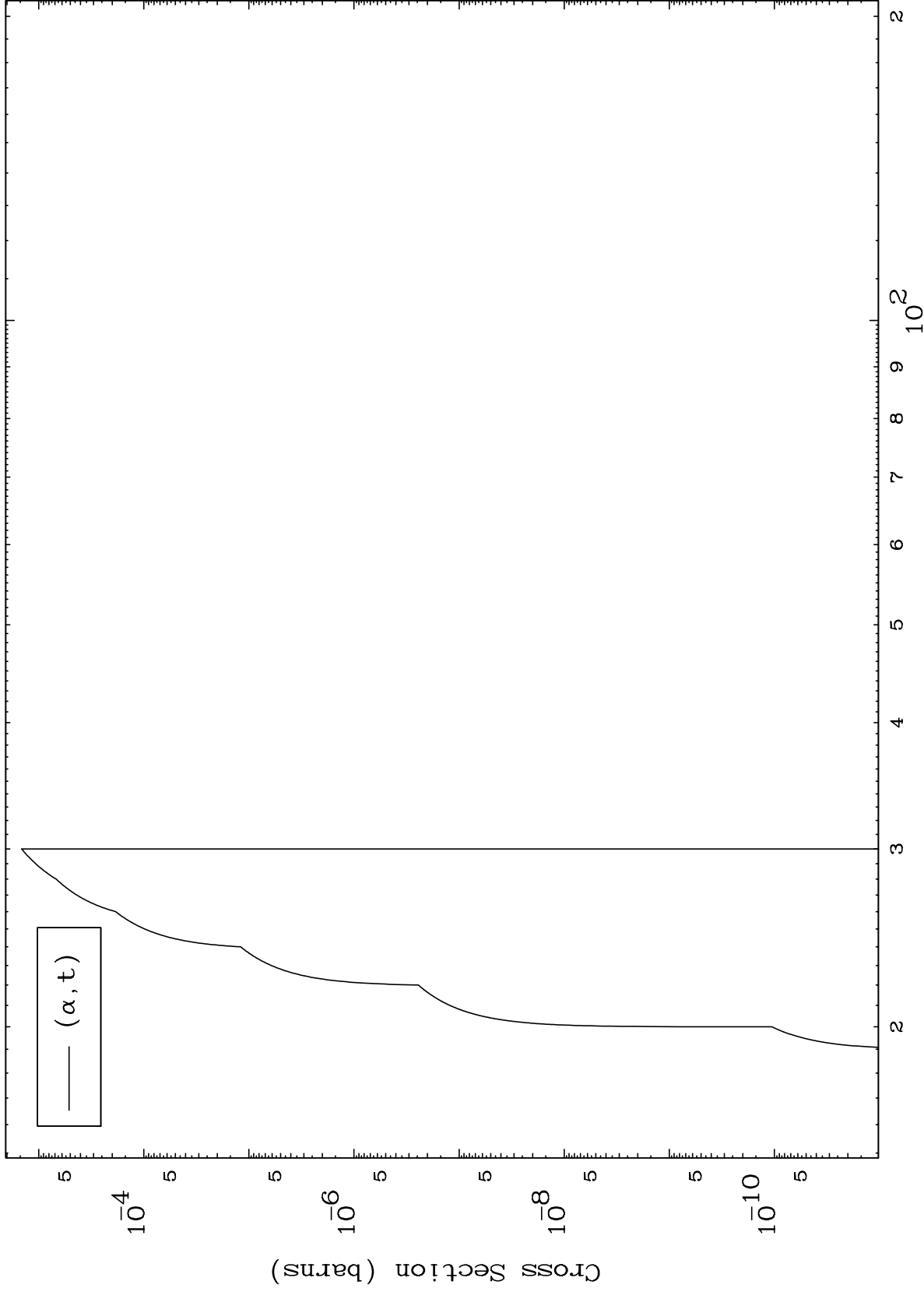
52-Te-122



MAT 5231

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

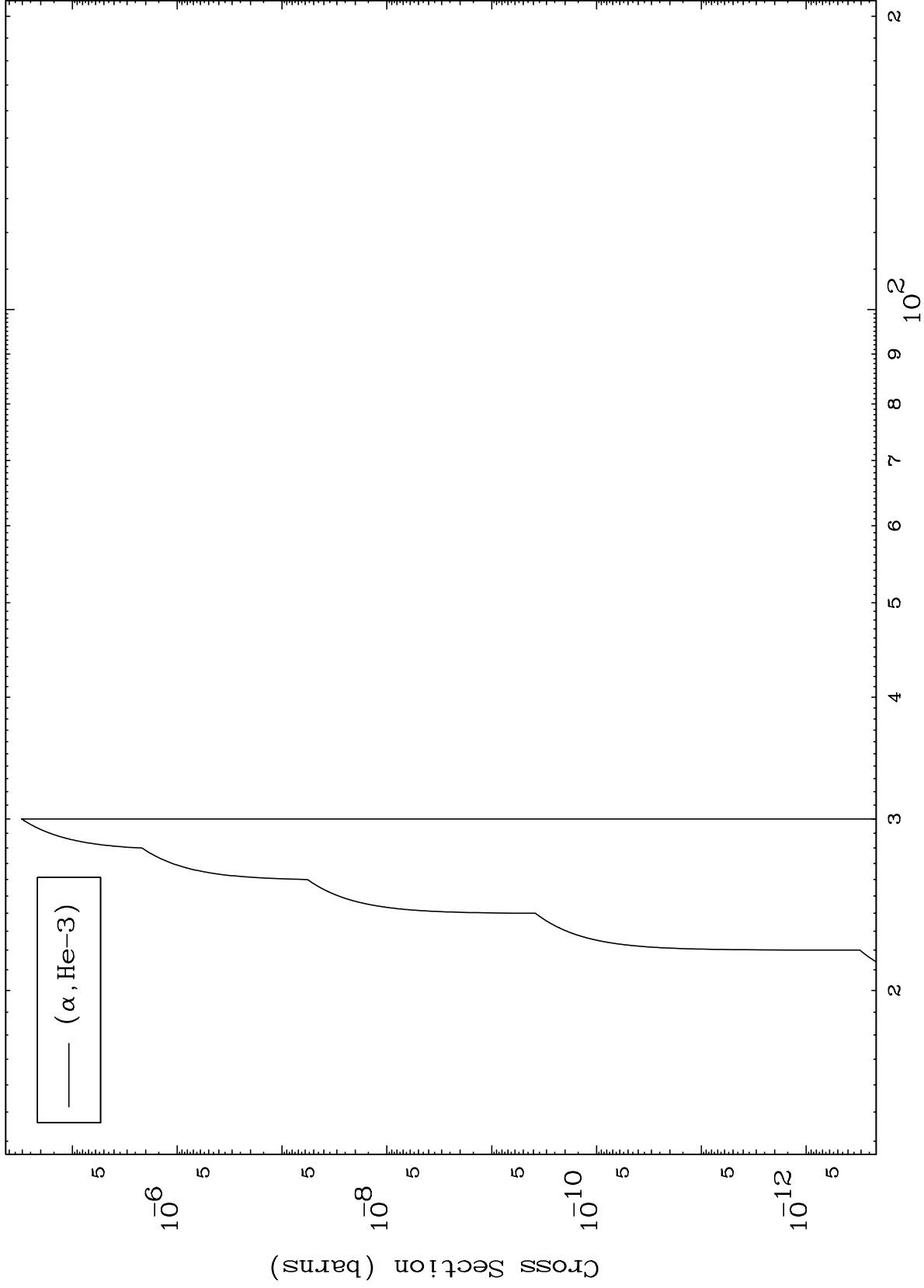
52-Te-122



8

Incident Energy (MeV)

52-Te-122

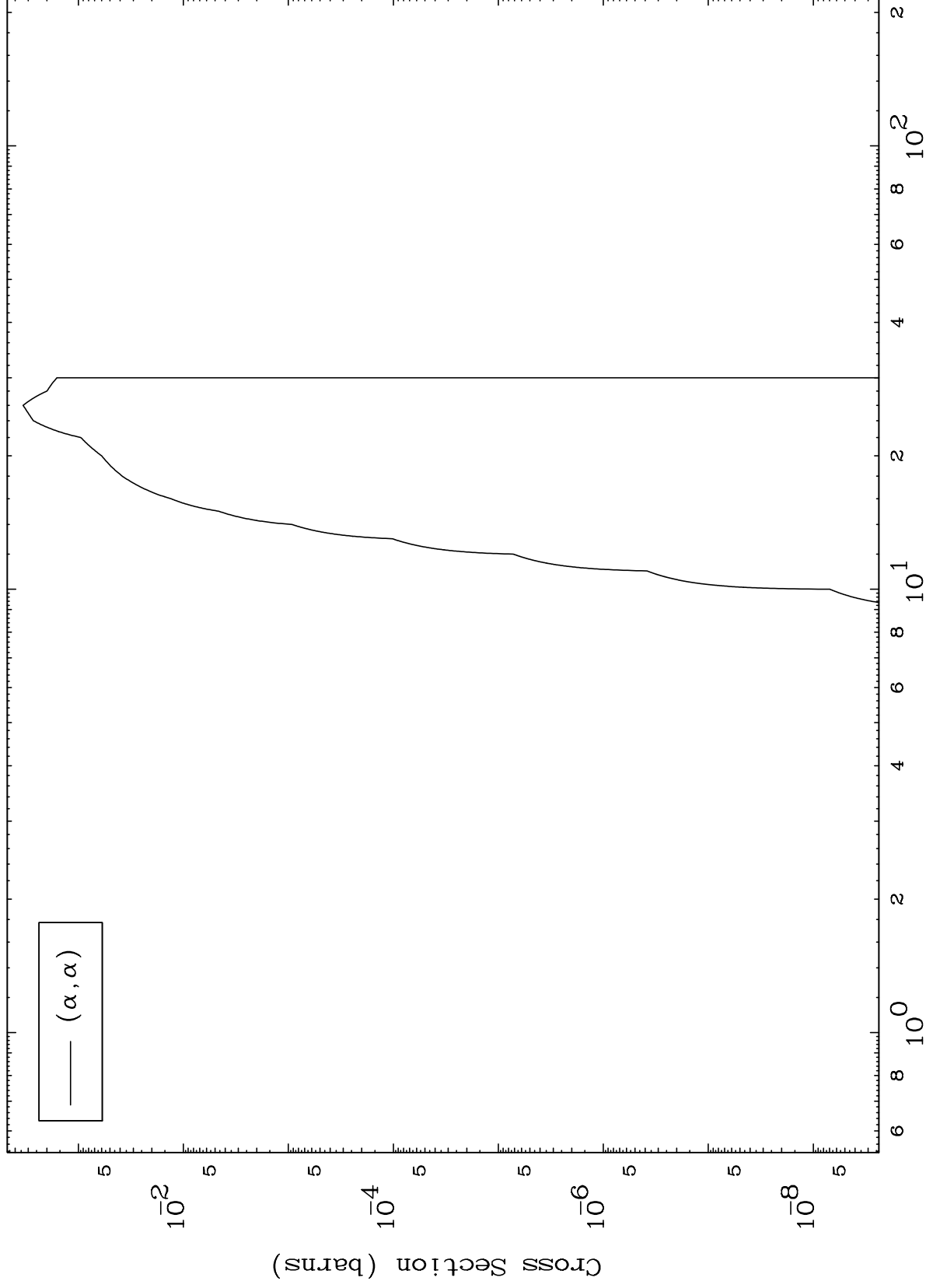


MAT 5231

( $\alpha, \alpha$ ) Levels

52-Te-122

0 Kelvin Cross Sections



10

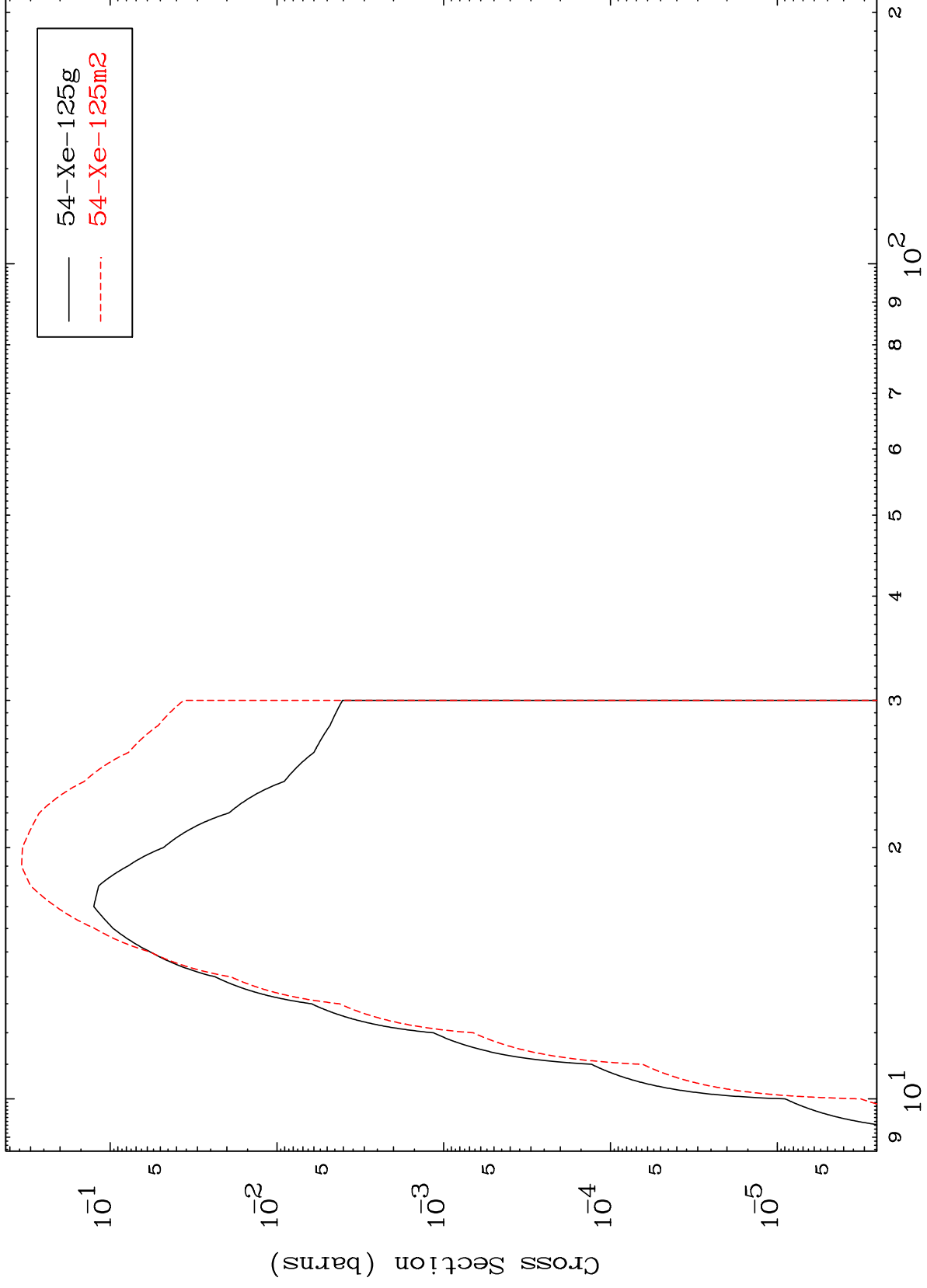
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

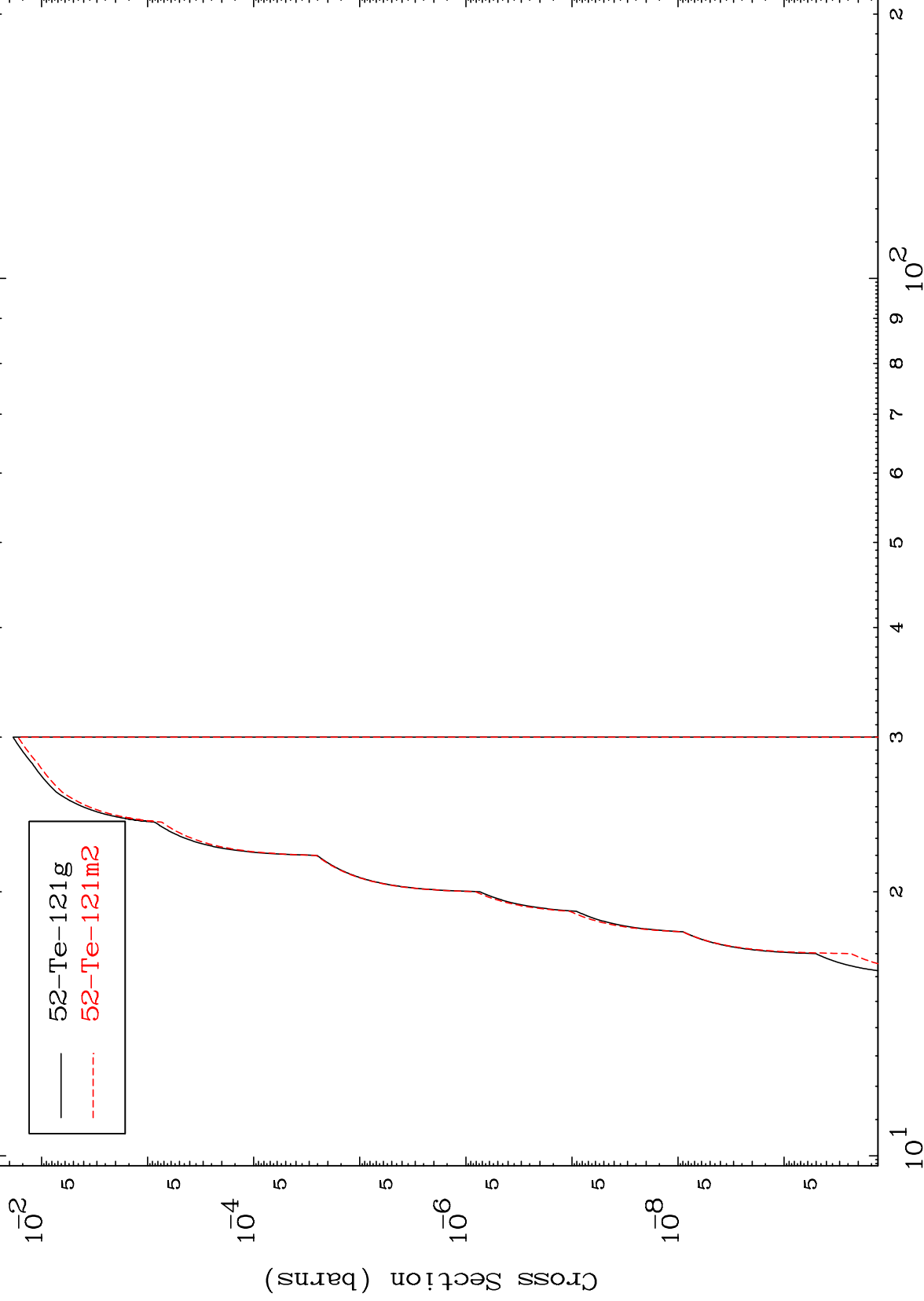
52-Te-122

MAT 5231

$(\alpha, n')$   $\alpha$

52-Te-122

Radionuclide Production Cross Section



52-Te-122

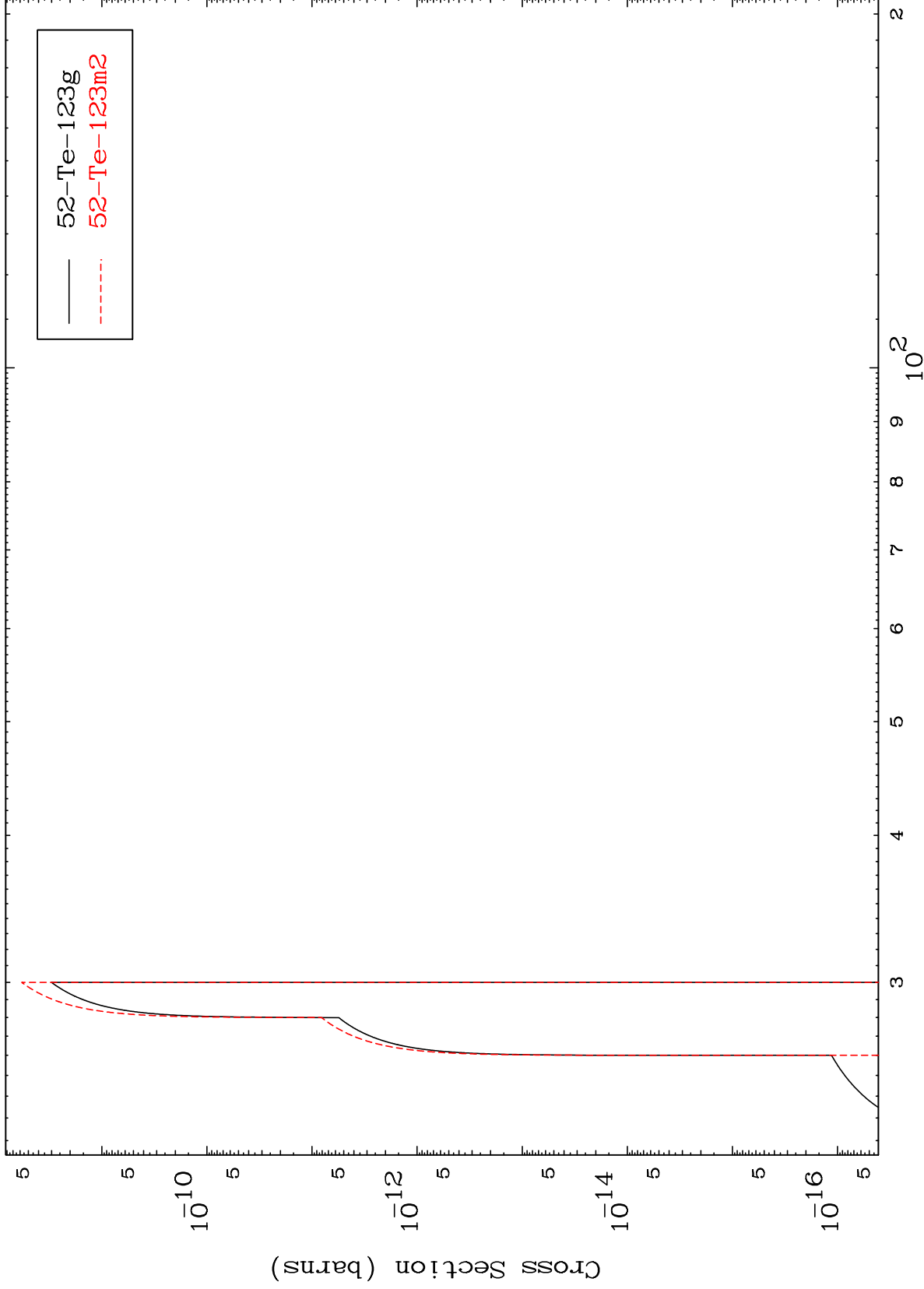
52-Te-122

MAT 5231

$(\alpha, 2n)$  p

52-Te-122

Radionuclide Production Cross Section



13

Incident Energy (MeV)

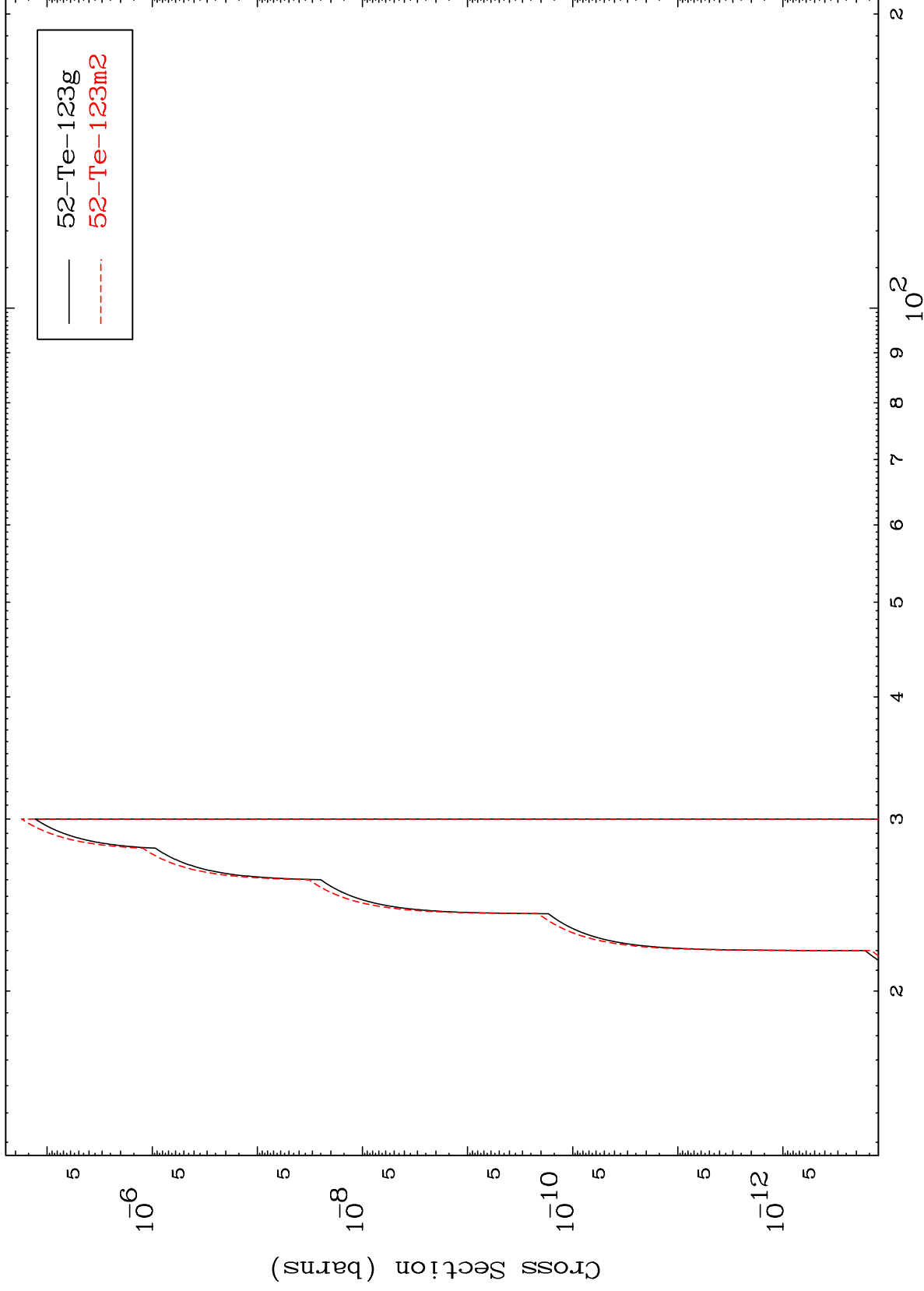
52-Te-122

MAT 5231

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

52-Te-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

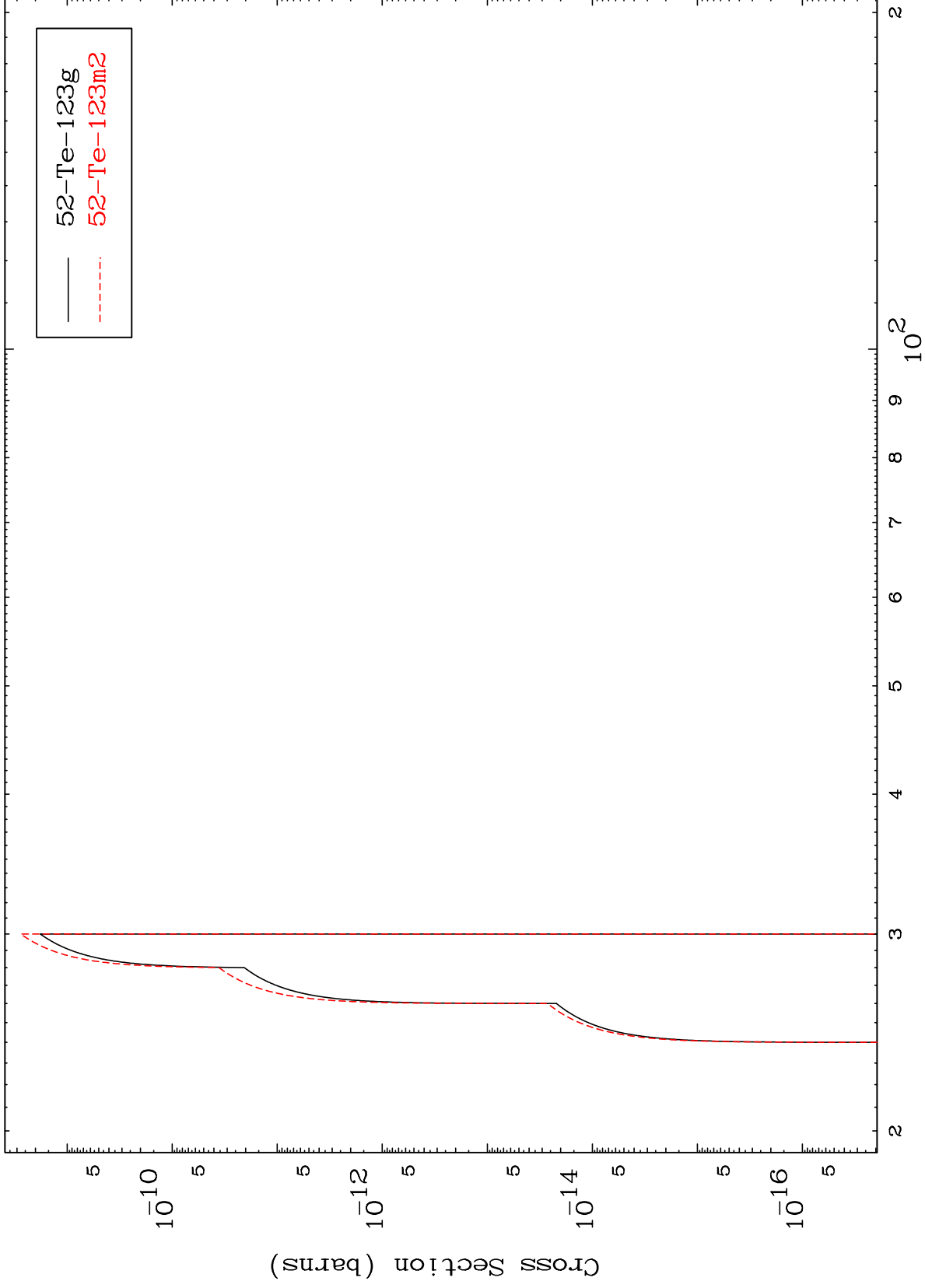
52-Te-122

MAT 5231

( $\alpha, p$ ) d

52-Te-122

Radionuclide Production Cross Section



15

Incident Energy (MeV)

52-Te-122