

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

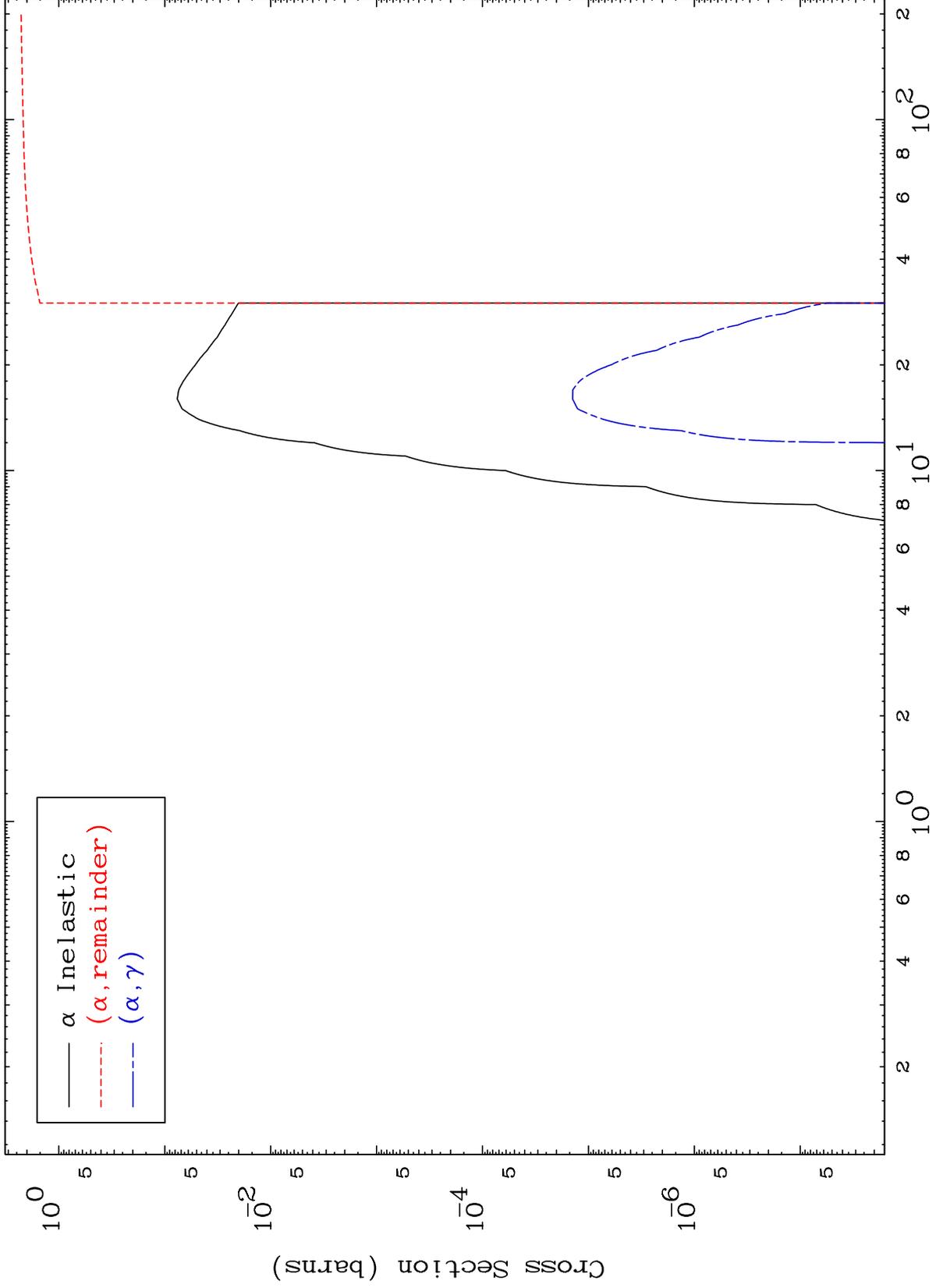
Press Mouse Button to Start

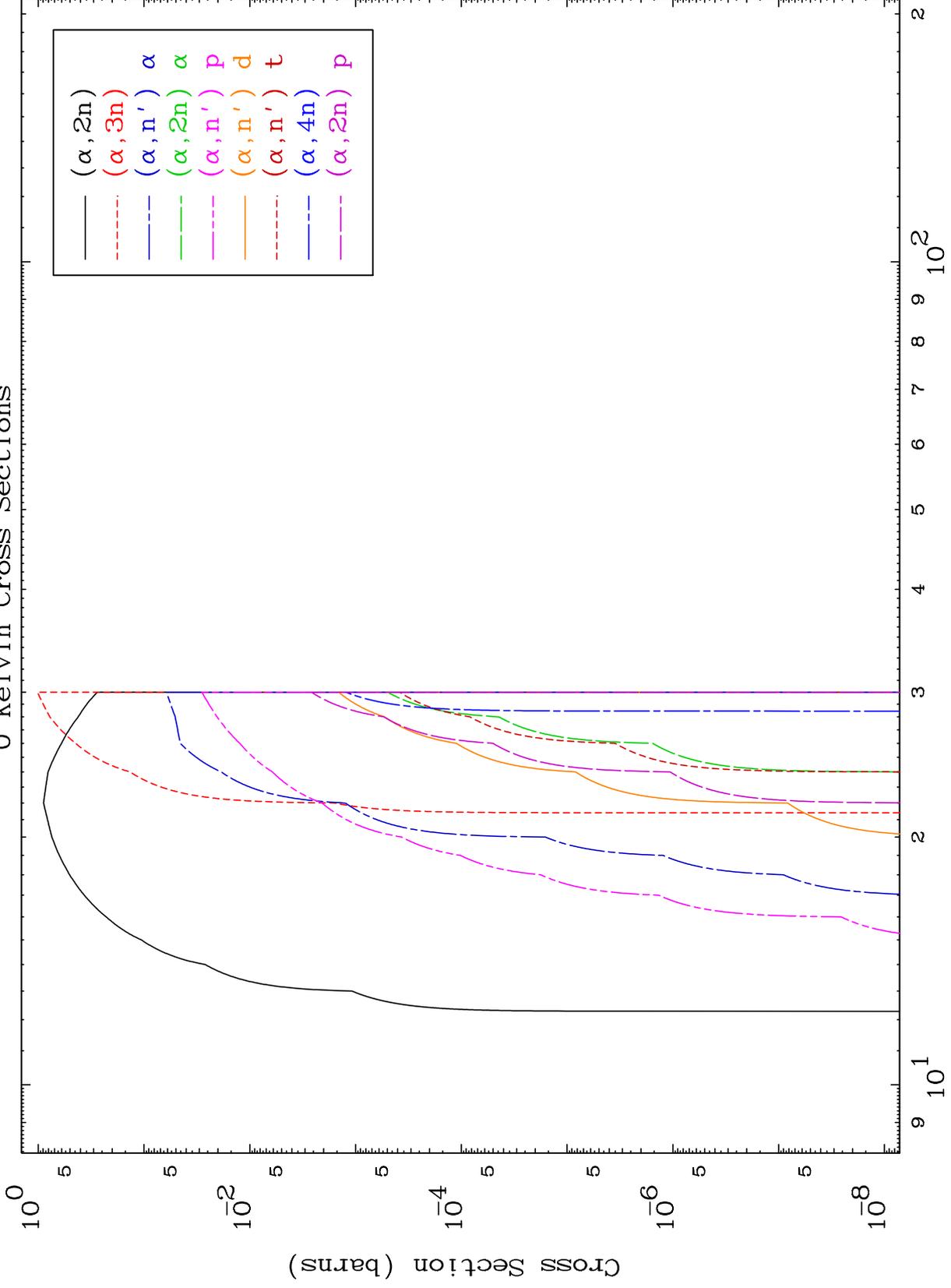
MAT 5143

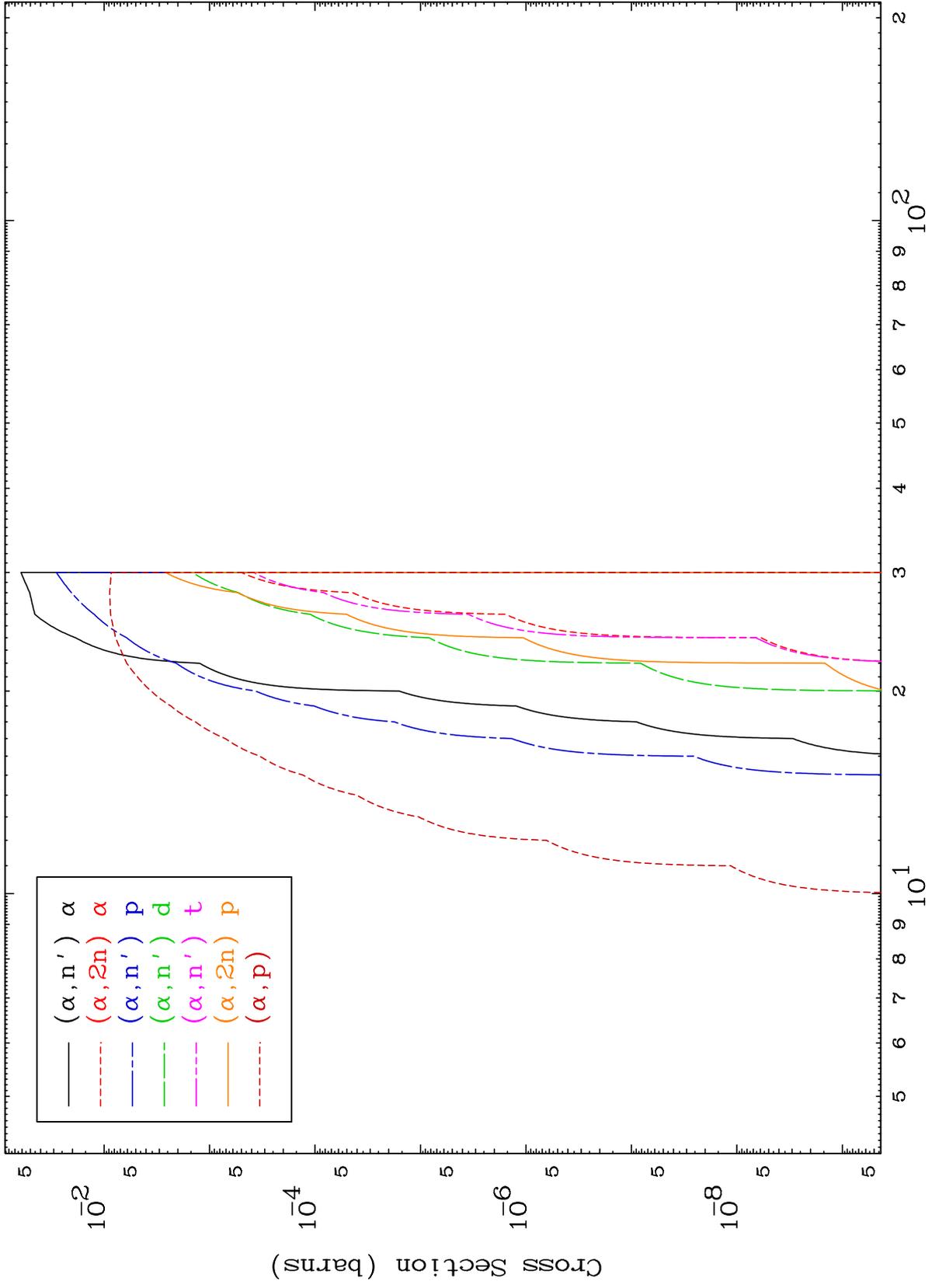
$\alpha$  Major

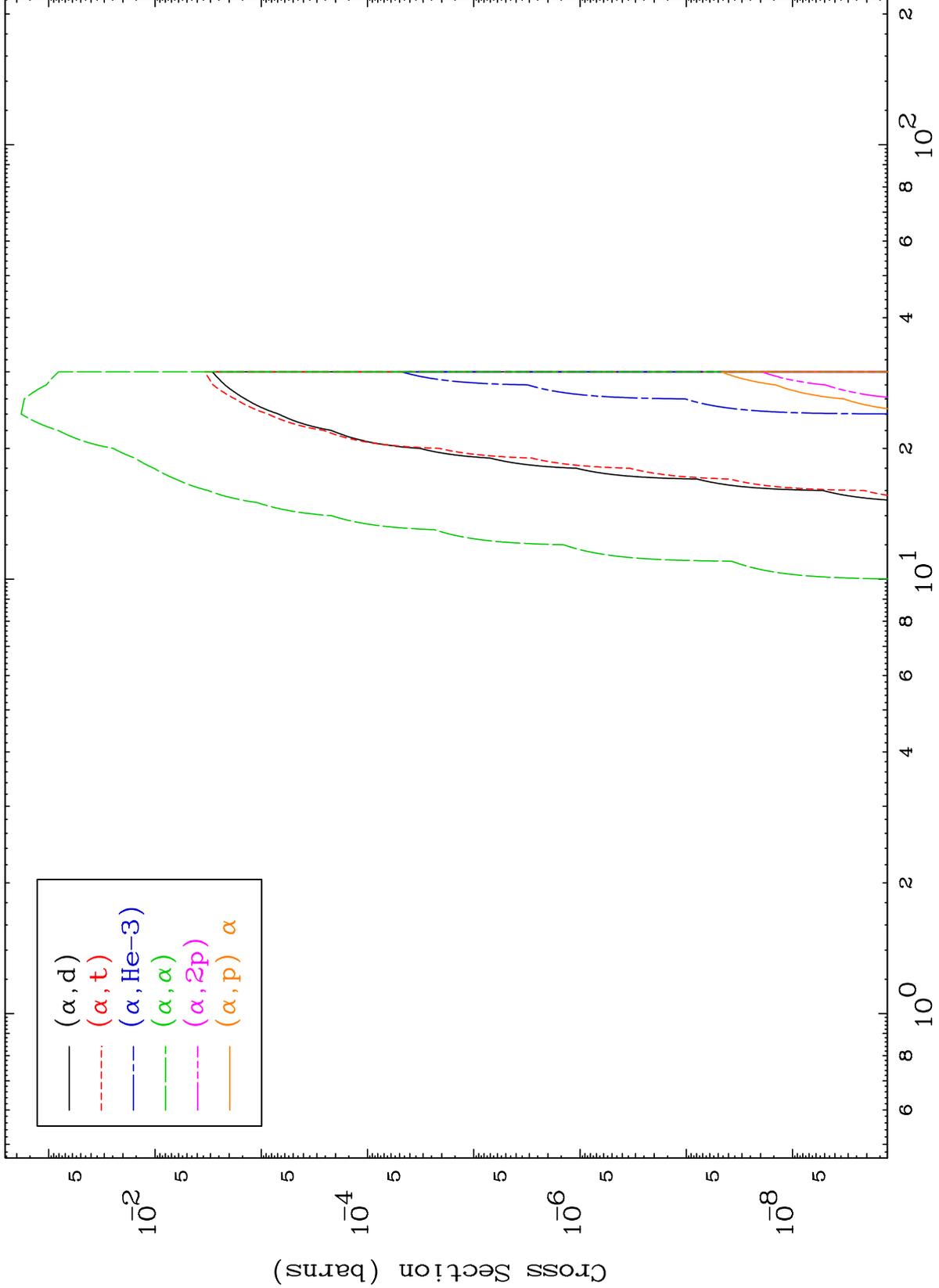
51-Sb-127

0 Kelvin Cross Sections







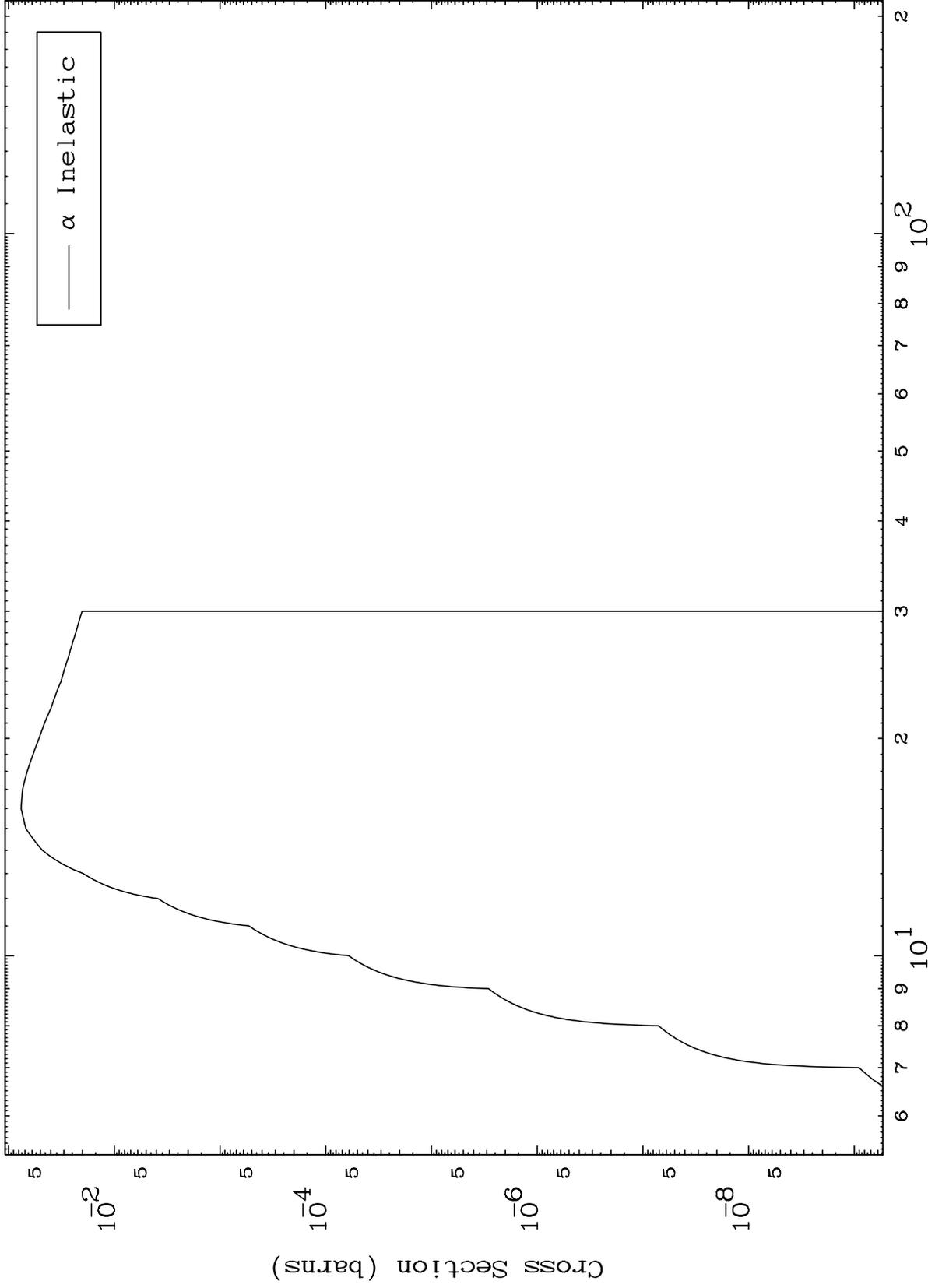


MAT 5143

( $\alpha, n'$ ) Level

51-Sb-127

0 Kelvin Cross Sections



5

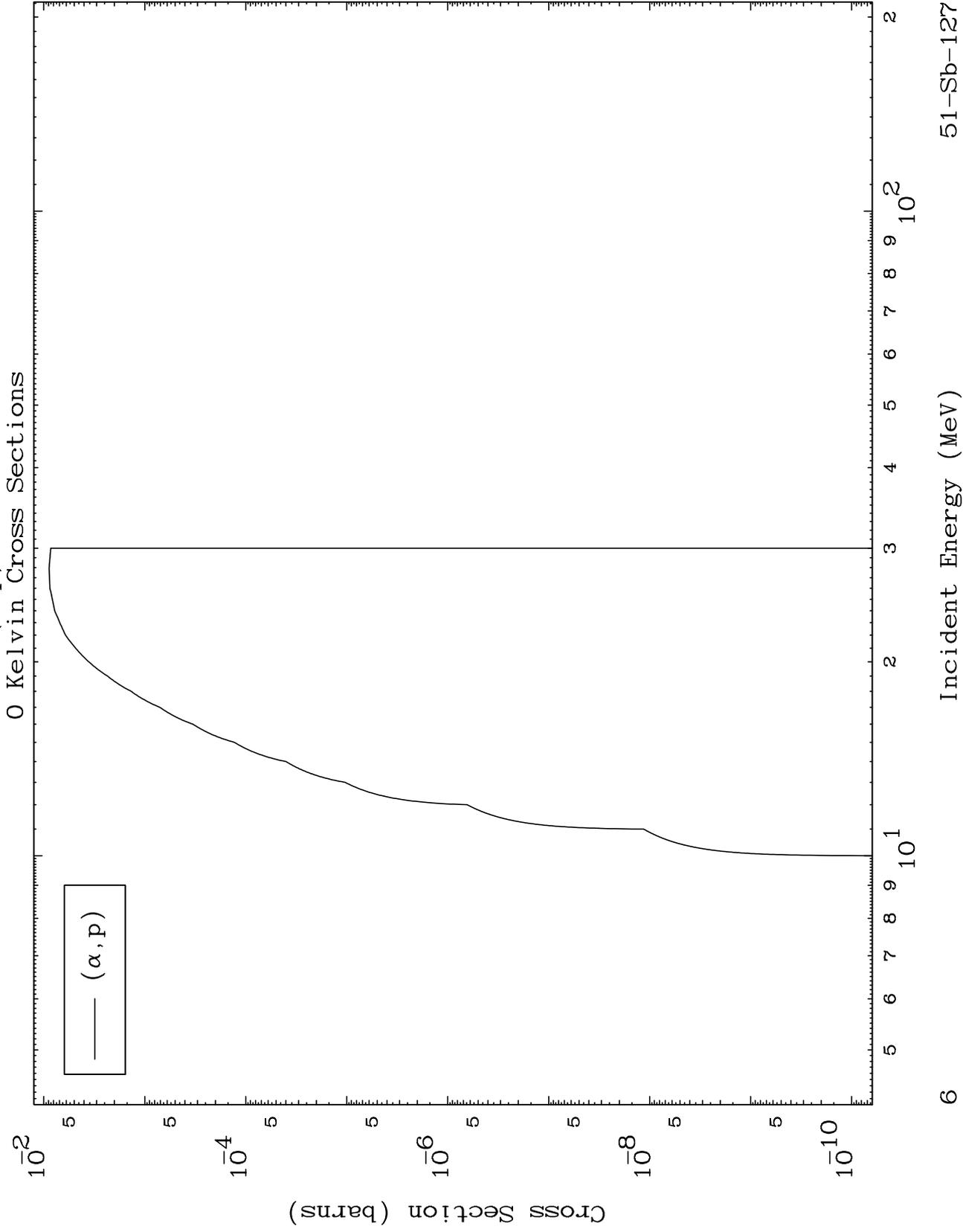
Incident Energy (MeV)

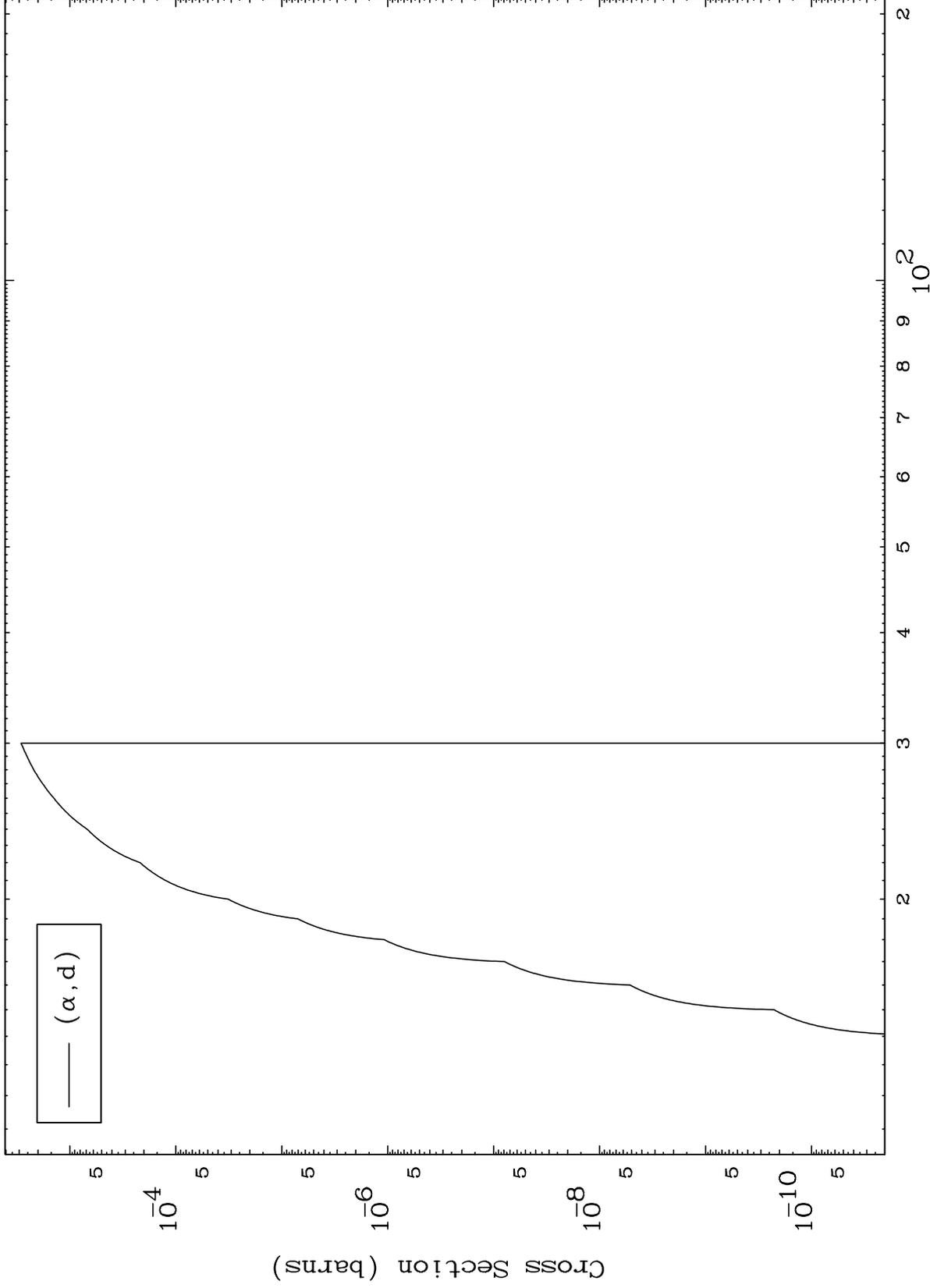
51-Sb-127

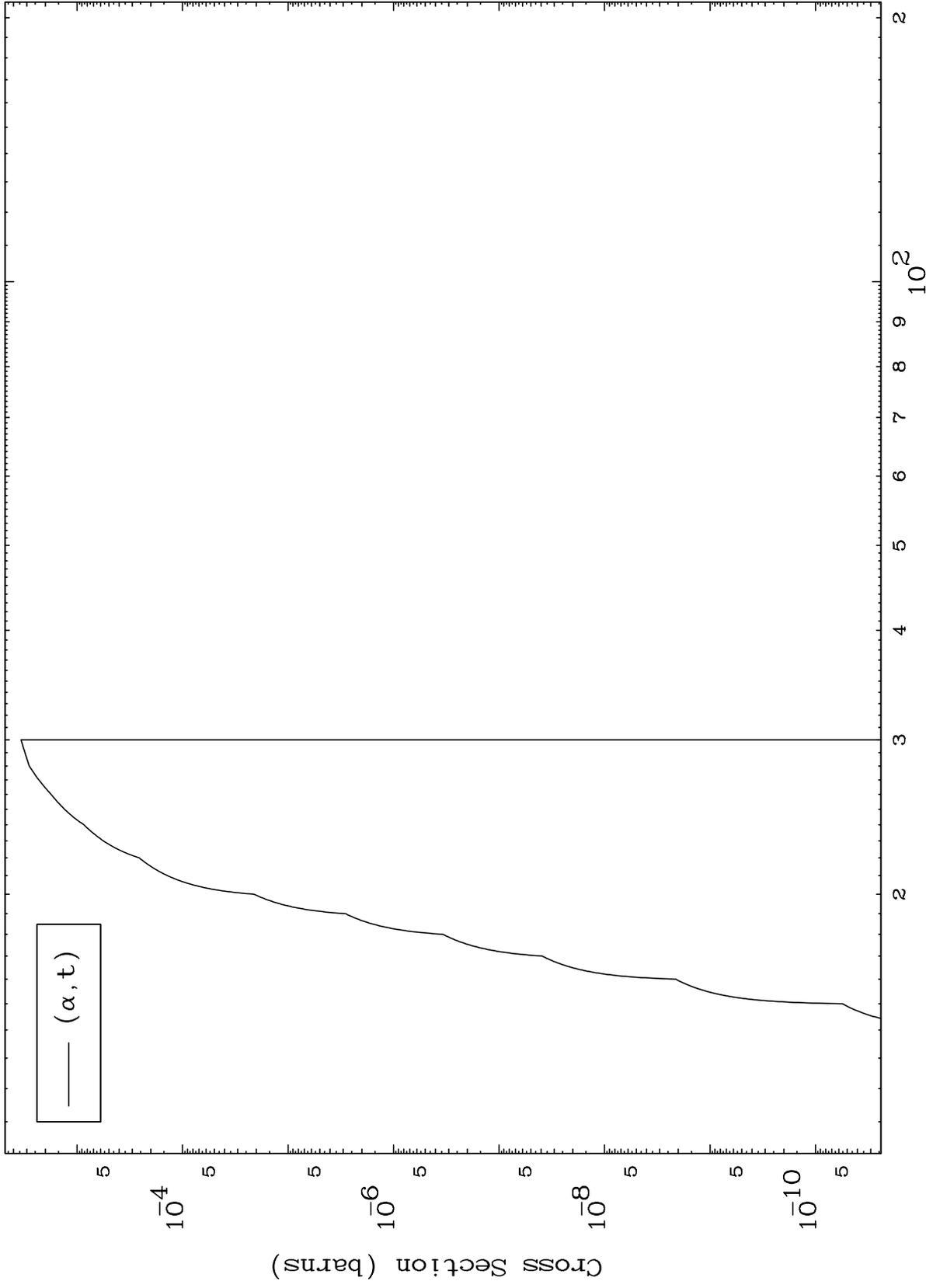
MAT 5143

( $\alpha, p$ ) Levels

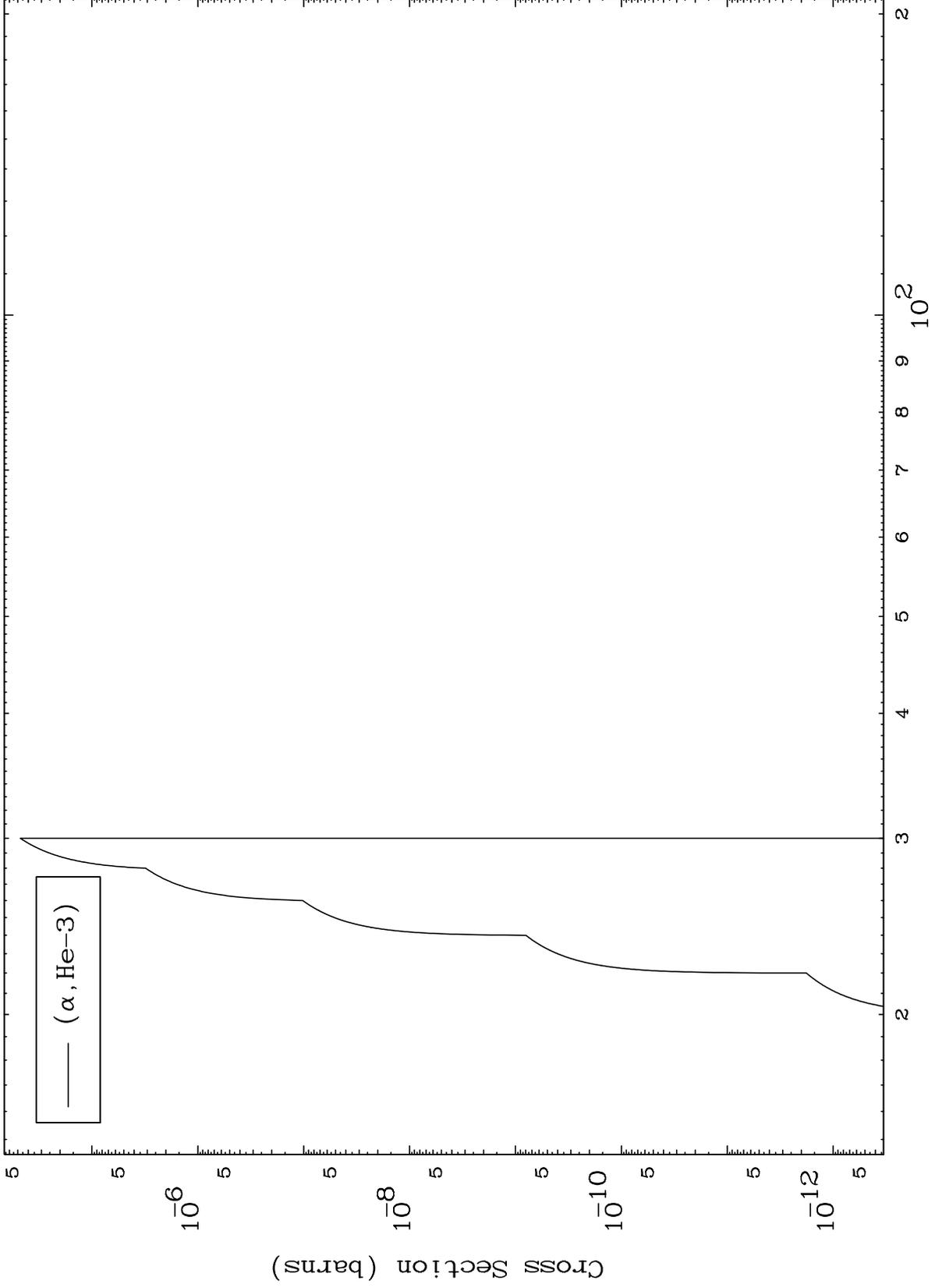
51-Sb-127







0 Kelvin Cross Sections

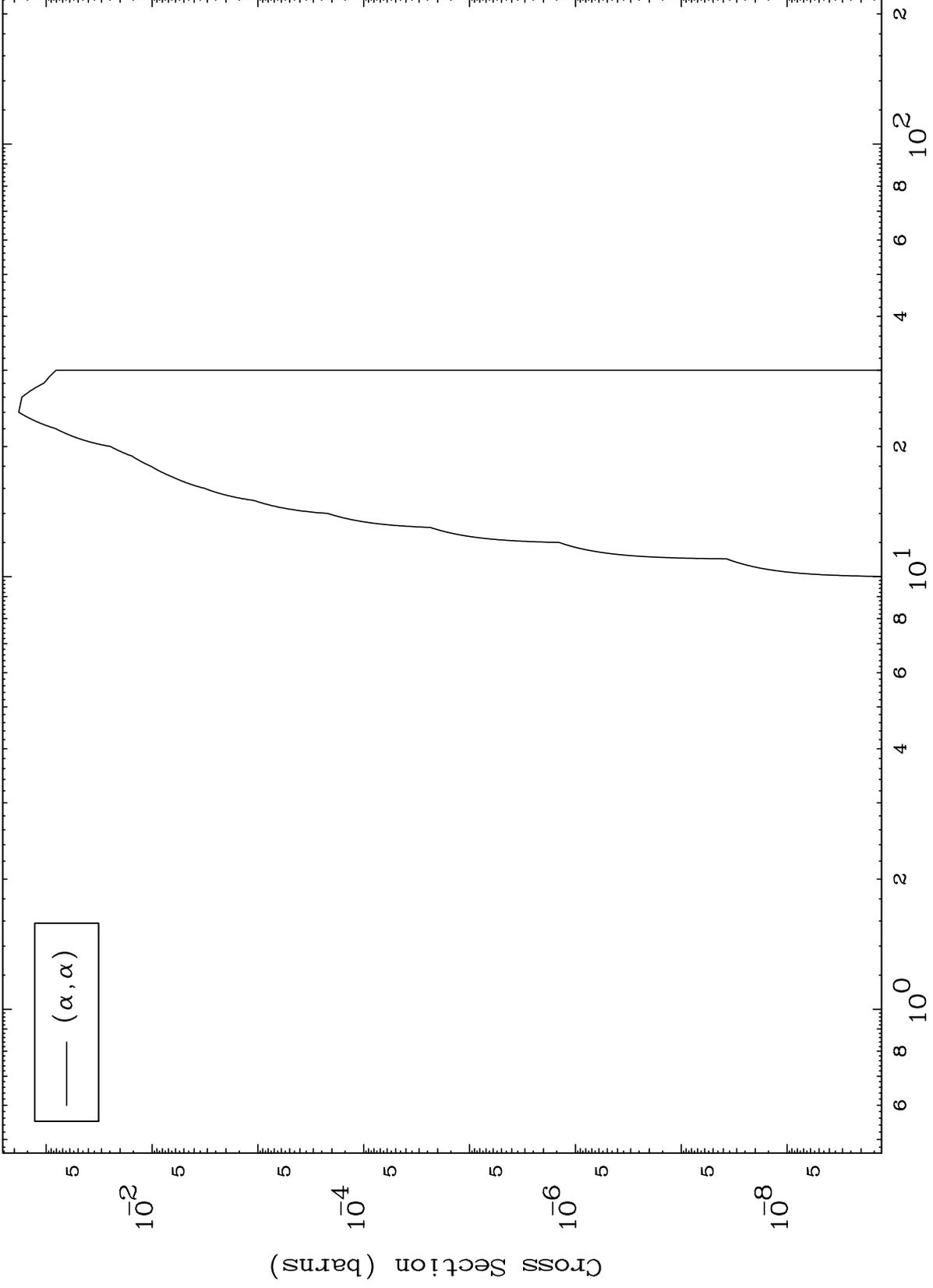


MAT 5143

( $\alpha, \alpha$ ) Levels

51-Sb-127

0 Kelvin Cross Sections



10

Incident Energy (MeV)

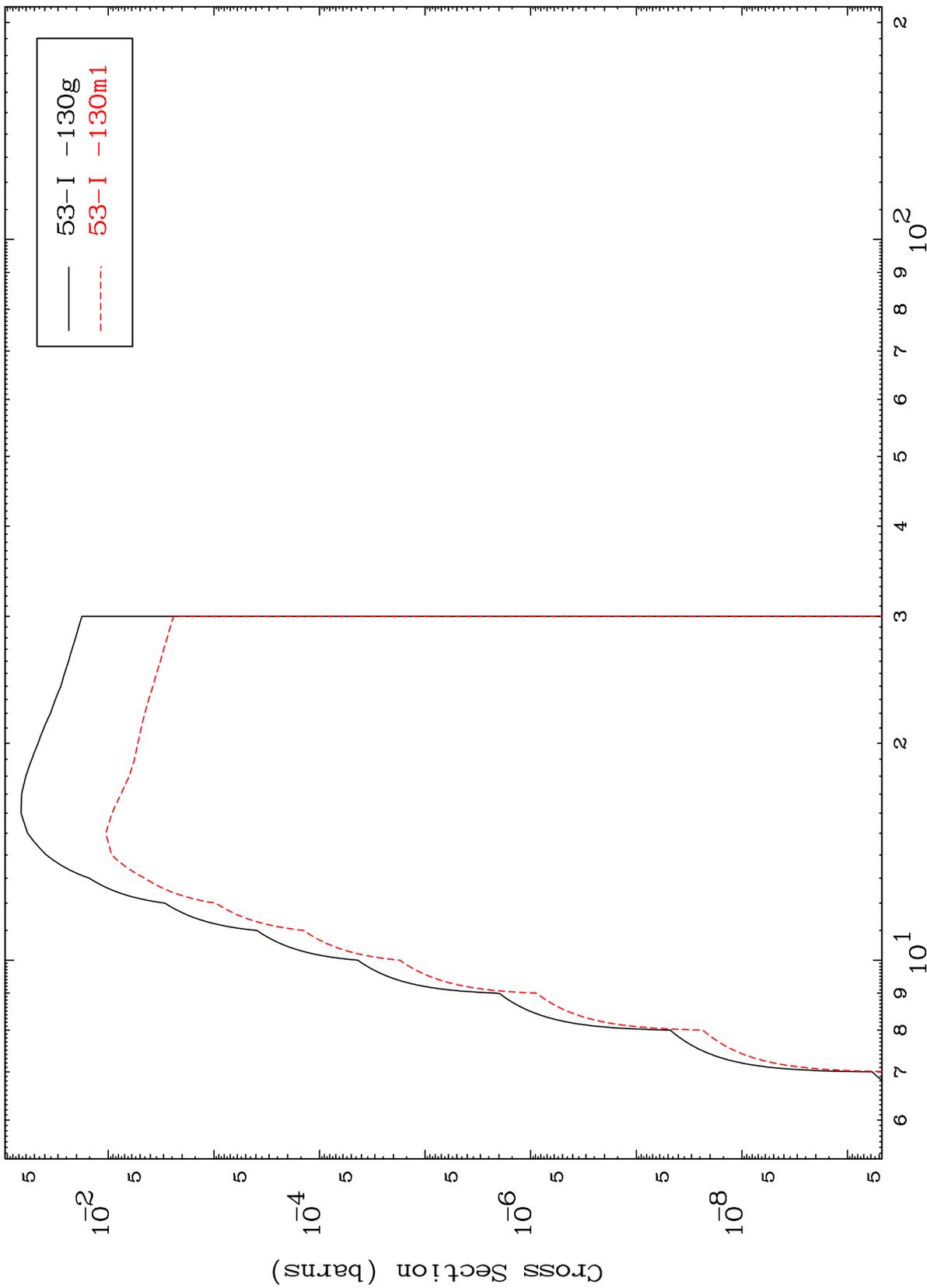
51-Sb-127

MAT 5143

51-Sb-127

Radionuclide Production Cross Section

$\alpha$  Inelastic



51-Sb-127

Incident Energy (MeV)

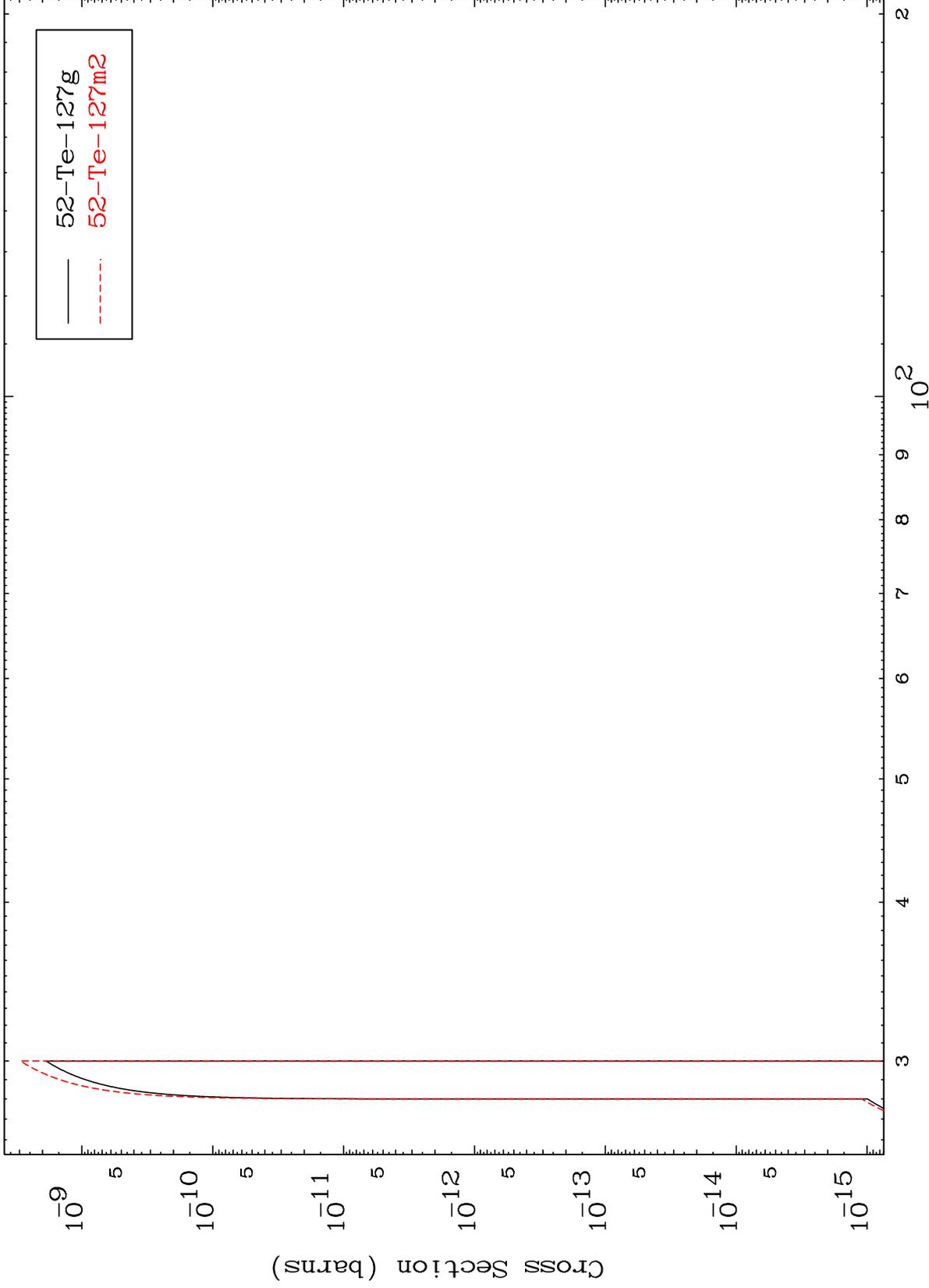
11

MAT 5143

( $\alpha, 2n$ ) d

51-Sb-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

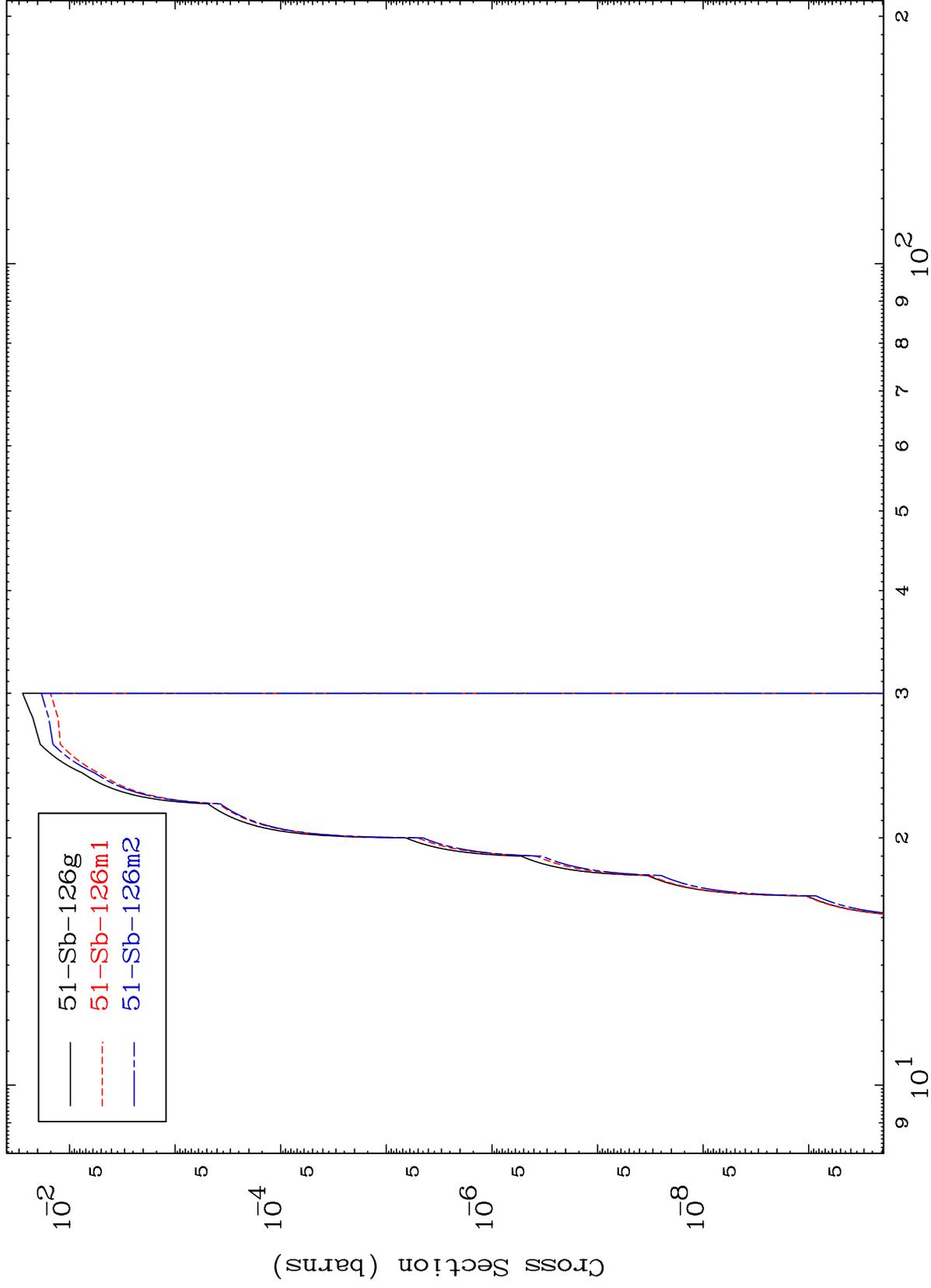
51-Sb-127

MAT 5143

51-Sb-127

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

Radionuclide Production Cross Section



51-Sb-127

Incident Energy (MeV)

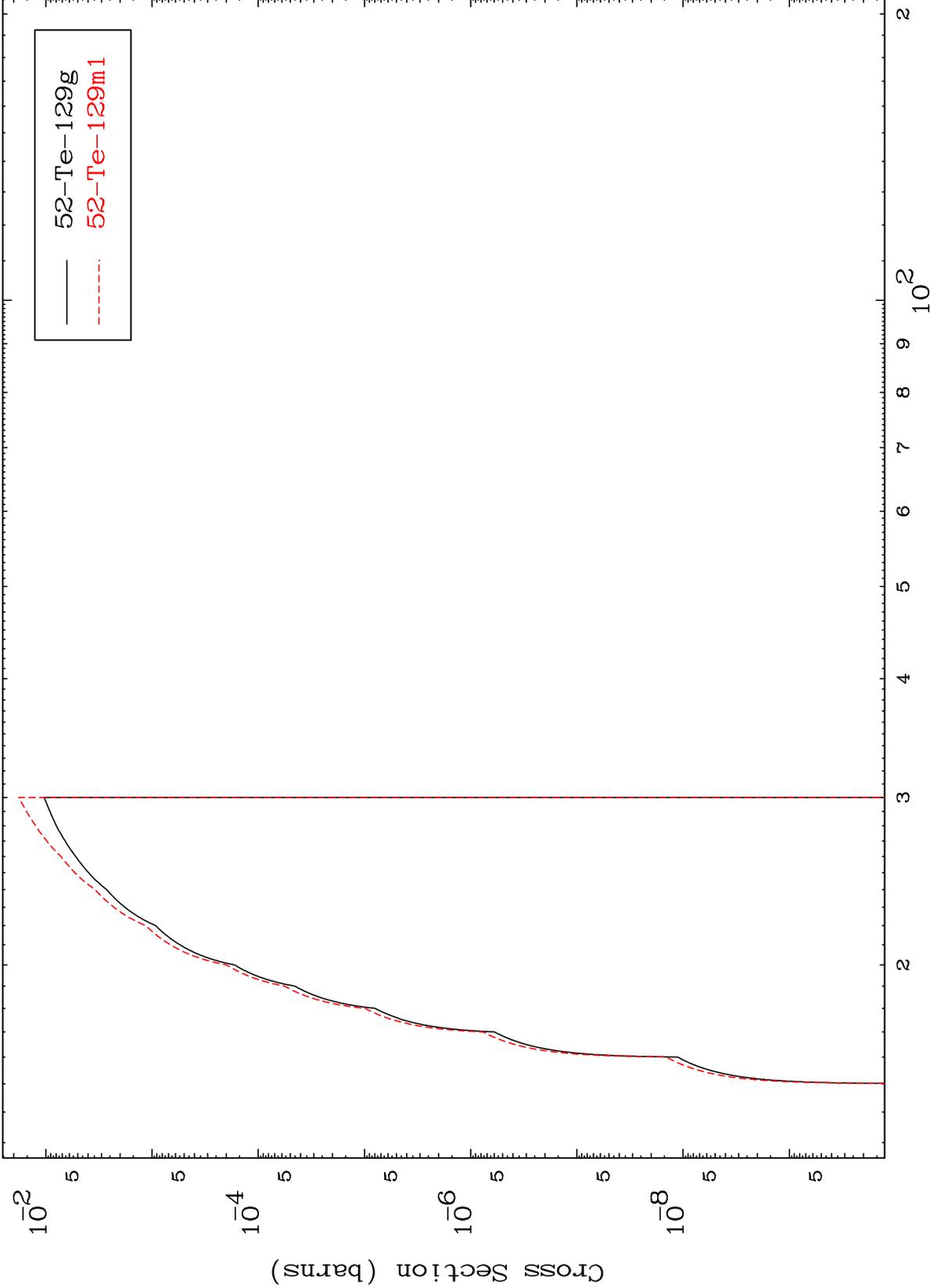
13

MAT 5143

$(\alpha, n')$  p

51-Sb-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

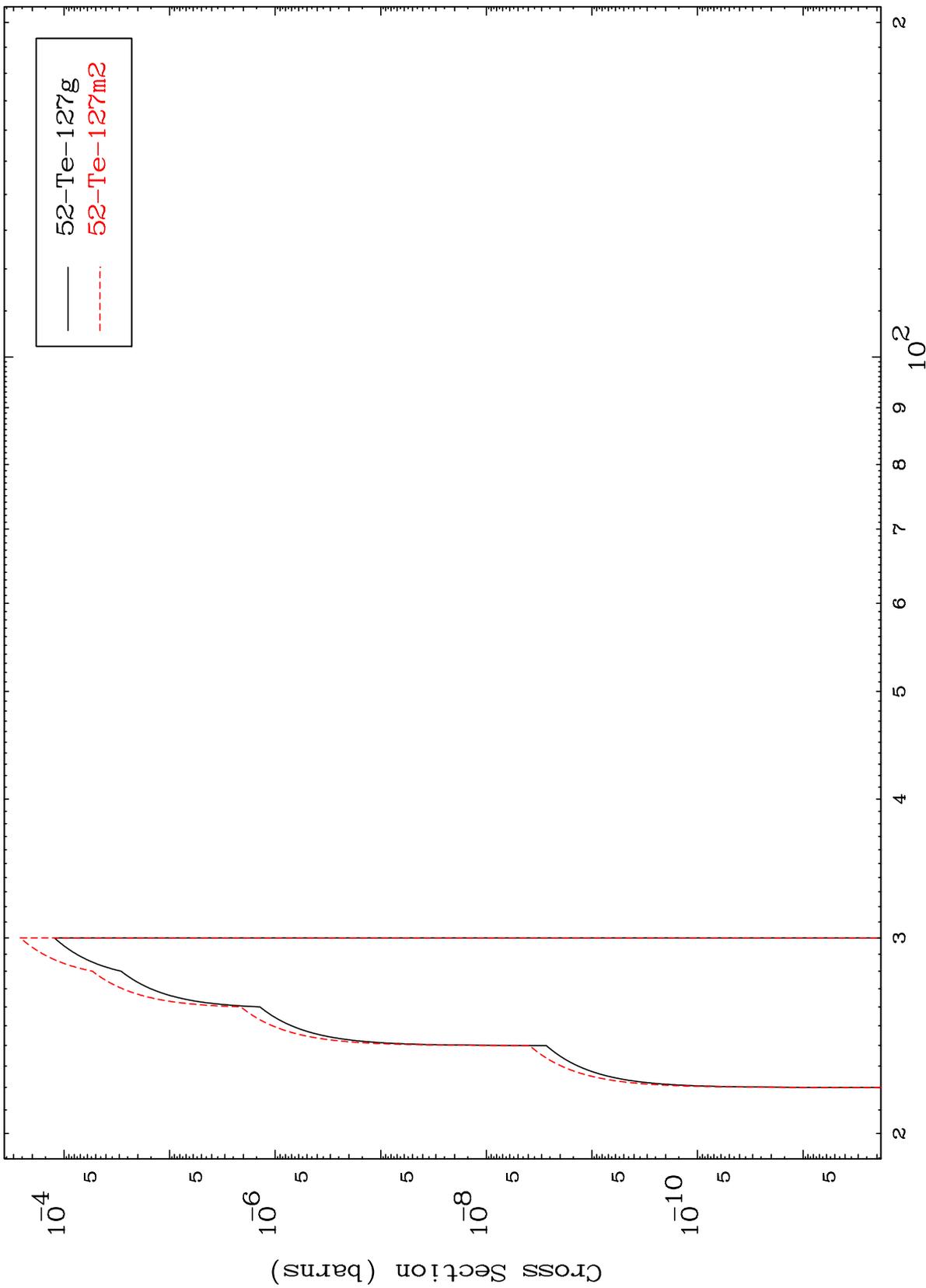
51-Sb-127

MAT 5143

( $\alpha, n'$ ) t

51-Sb-127

Radionuclide Production Cross Section

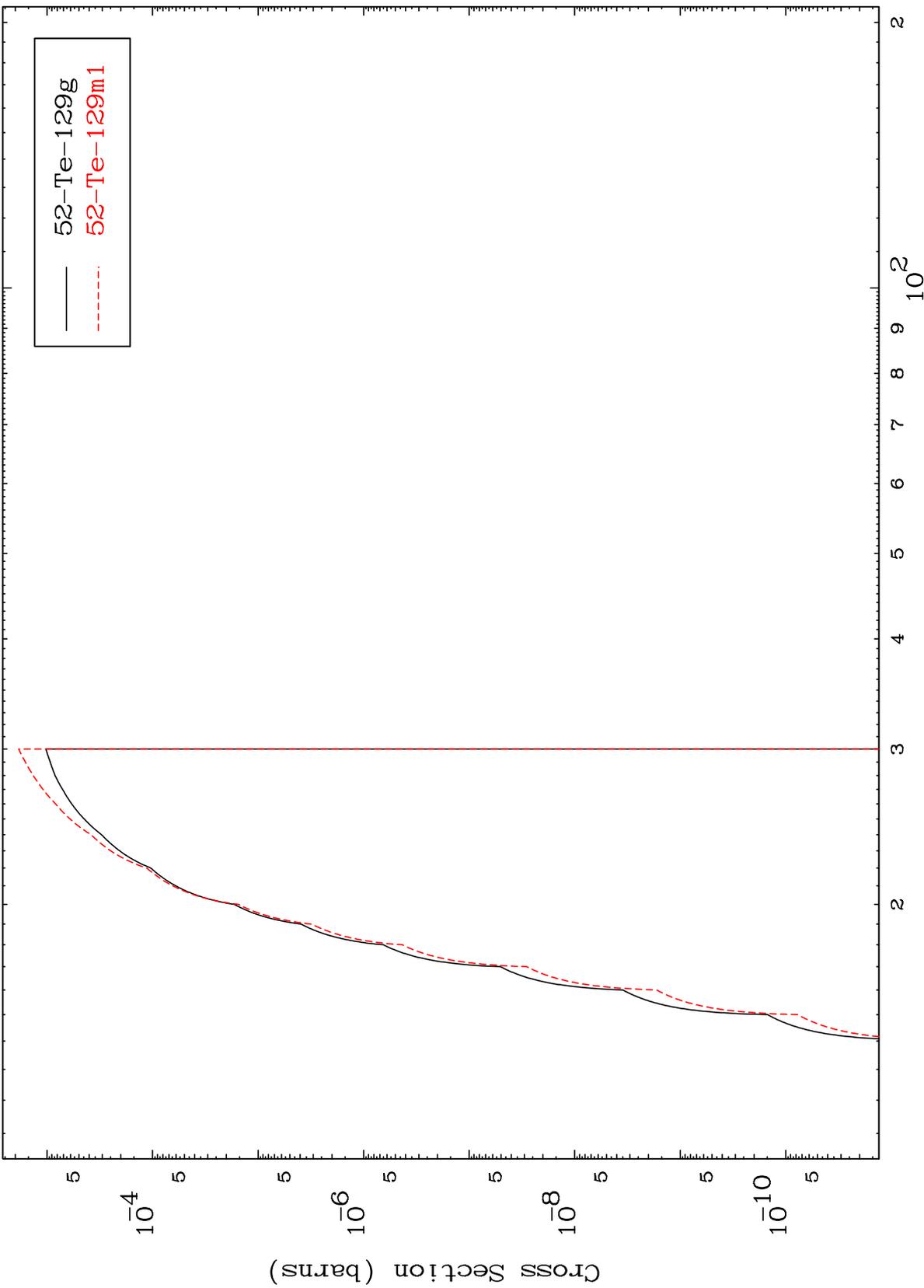


15

Incident Energy (MeV)

51-Sb-127

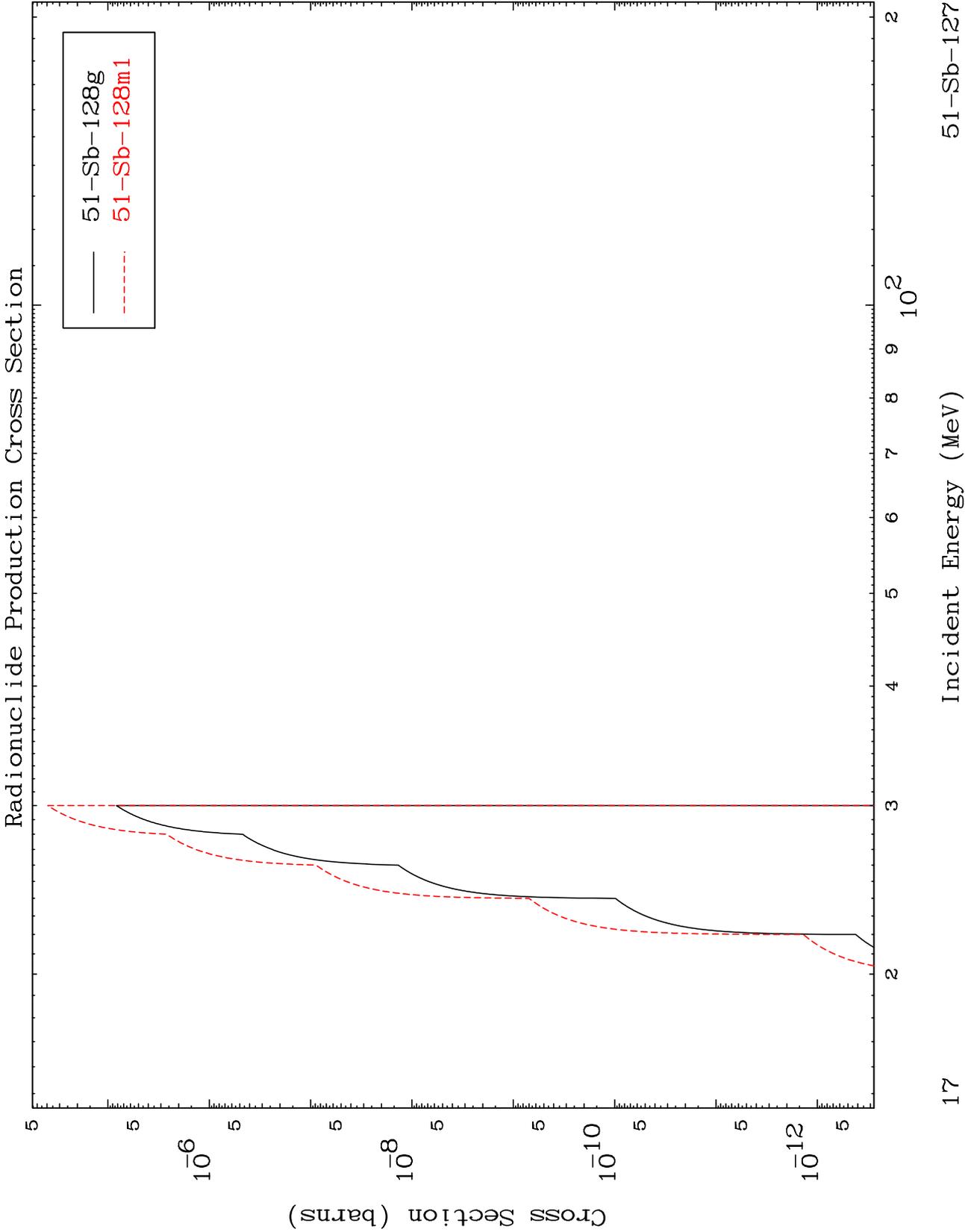
Radionuclide Production Cross Section



MAT 5143

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

51-Sb-127



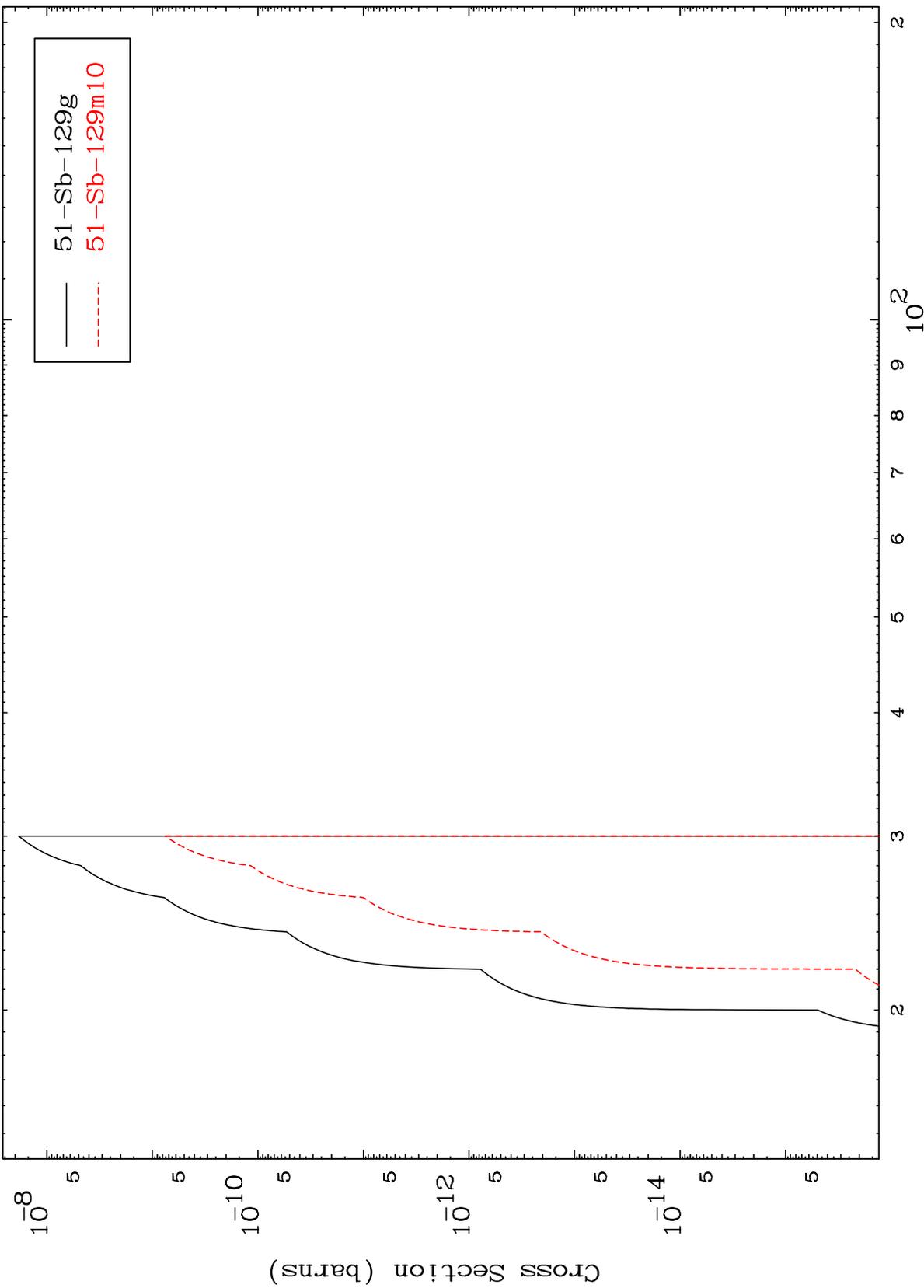
17

51-Sb-127

MAT 5143

51-Sb-127

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



18

51-Sb-127

Incident Energy (MeV)