

Program EVALPLOT  
(Version 2018-1)

by

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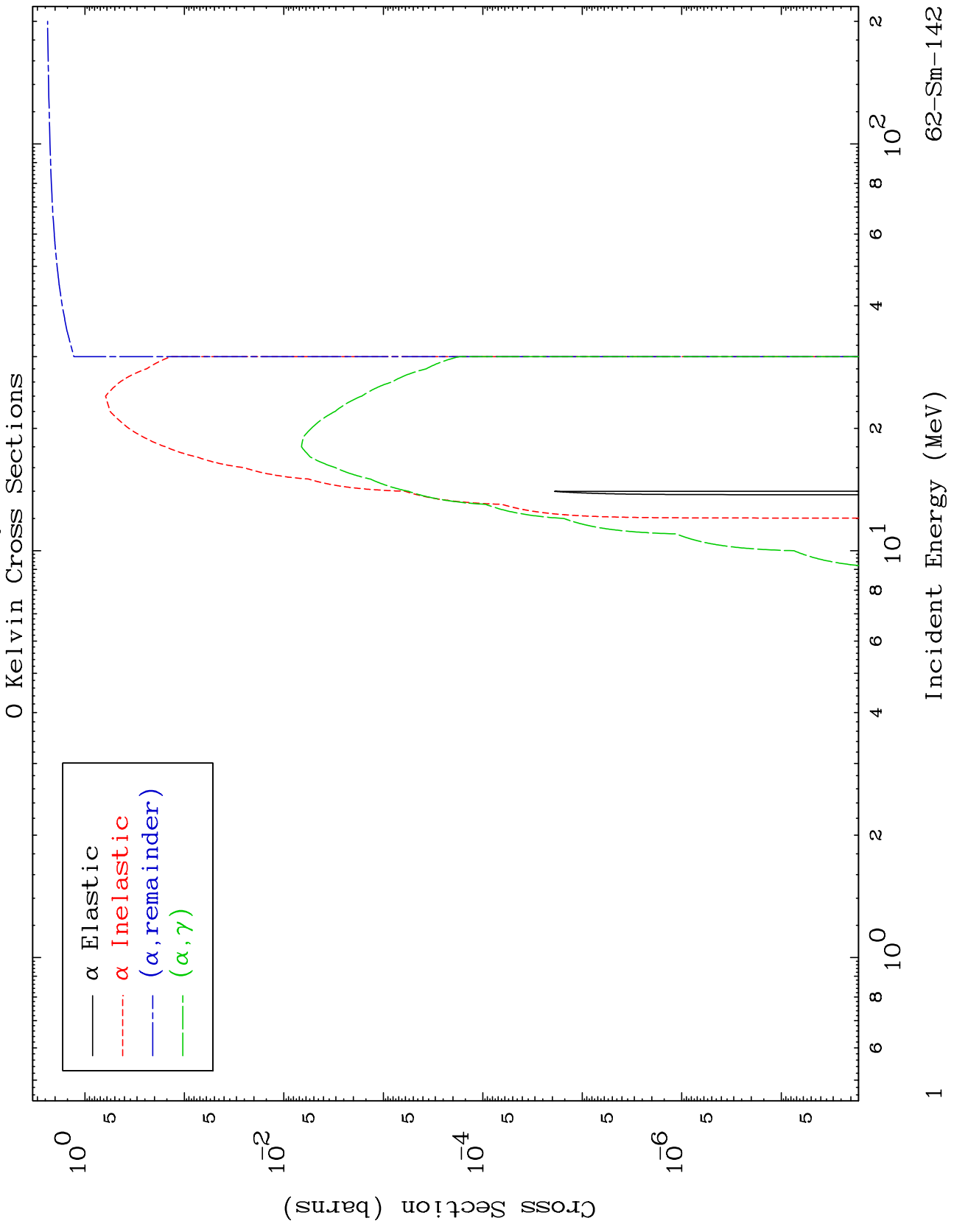
Press Mouse Button to Start

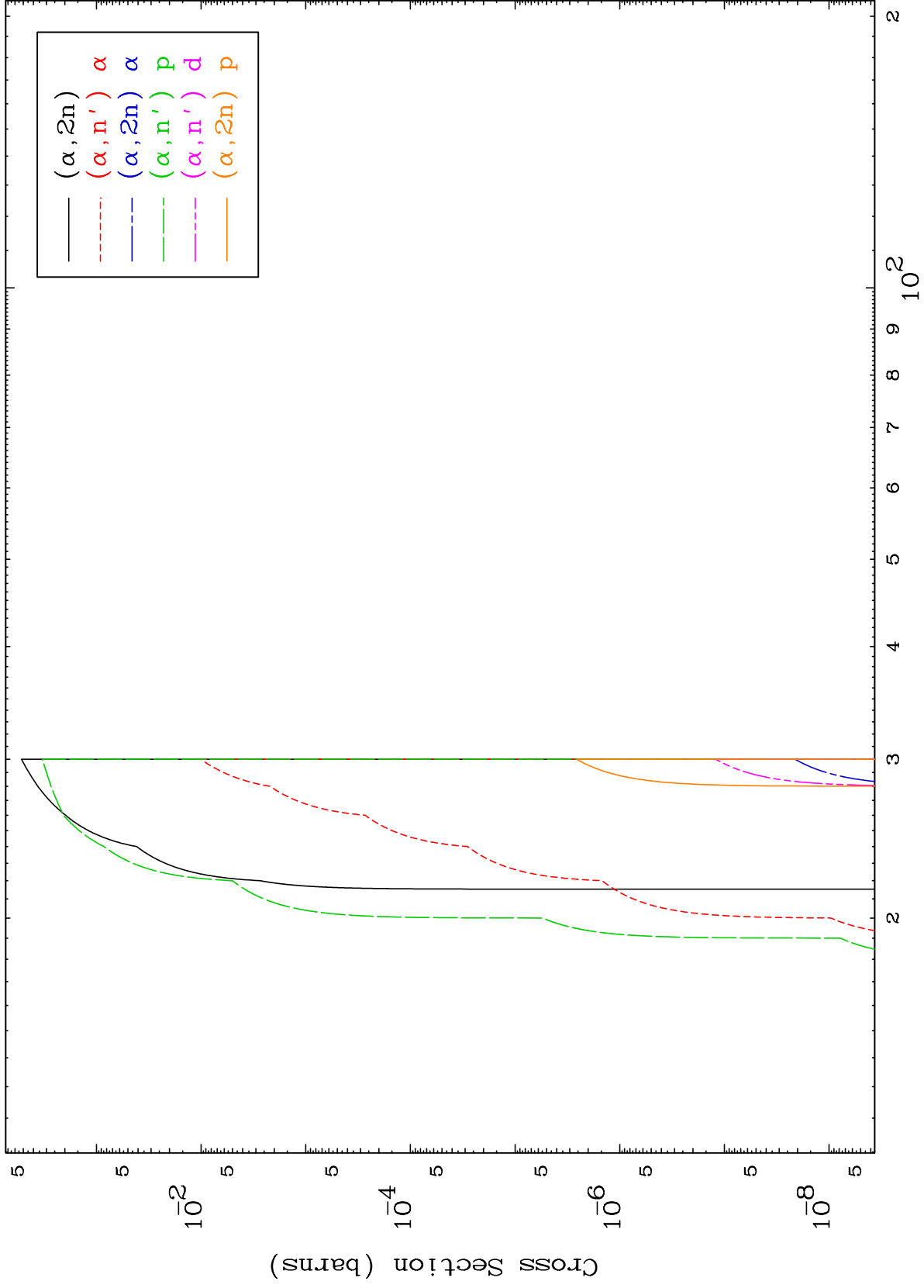
MAT 6219

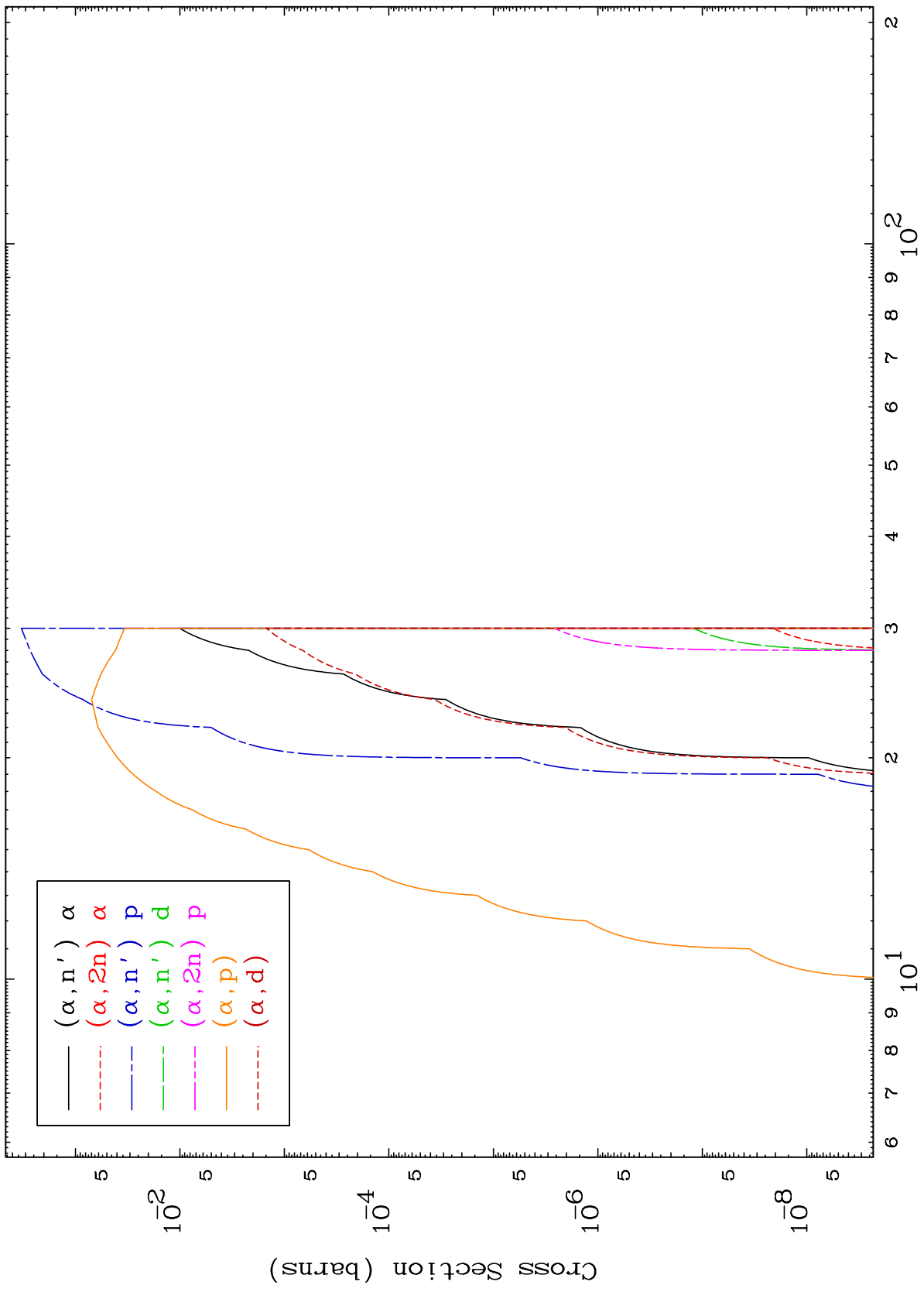
0 Kelvin

$\alpha$  Major

62-Sm-142



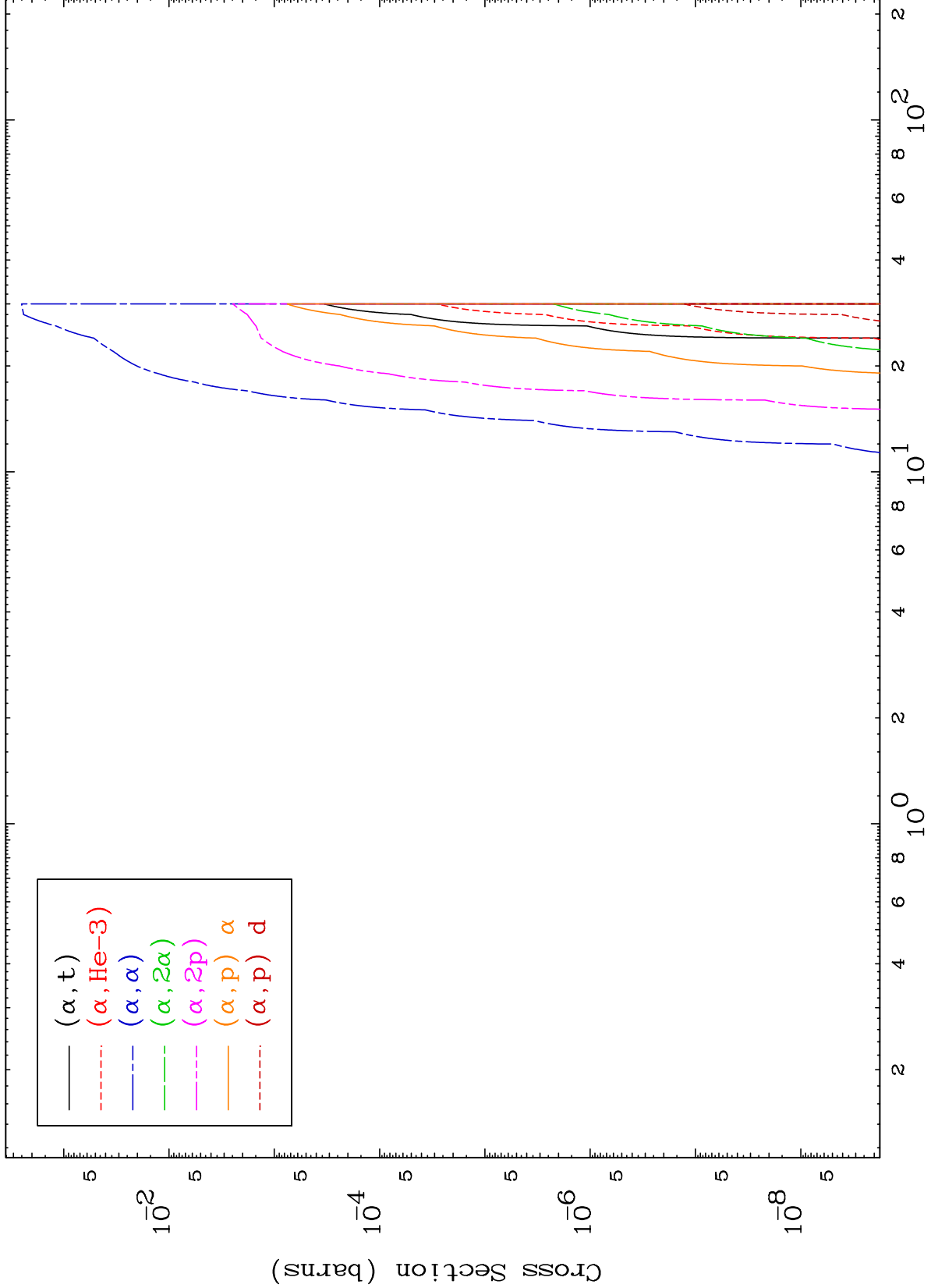




MAT 6219

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

62-Sm-142



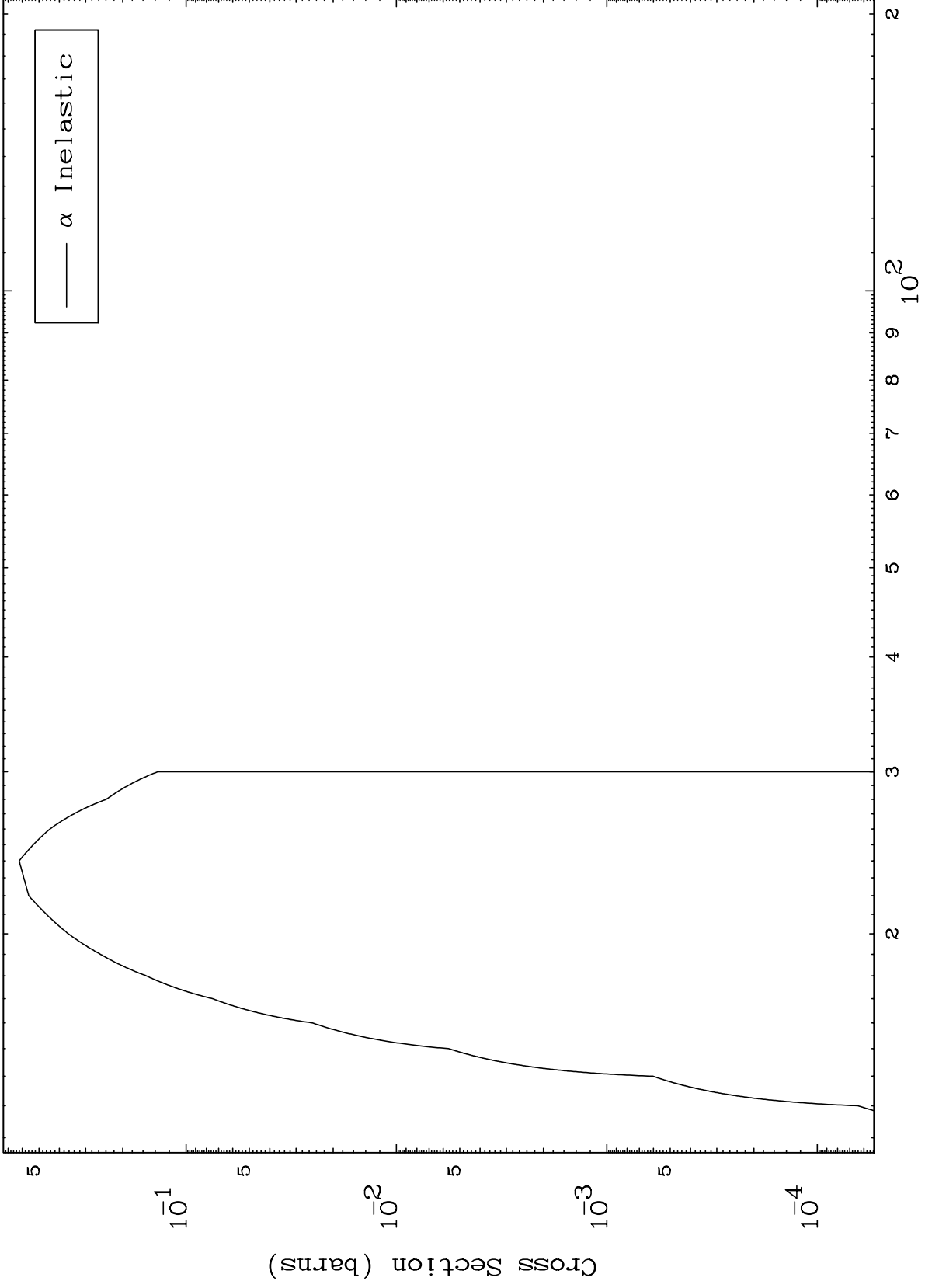
62-Sm-142

MAT 6219

( $\alpha, n'$ ) Level

62-Sm-142

0 Kelvin Cross Sections



5

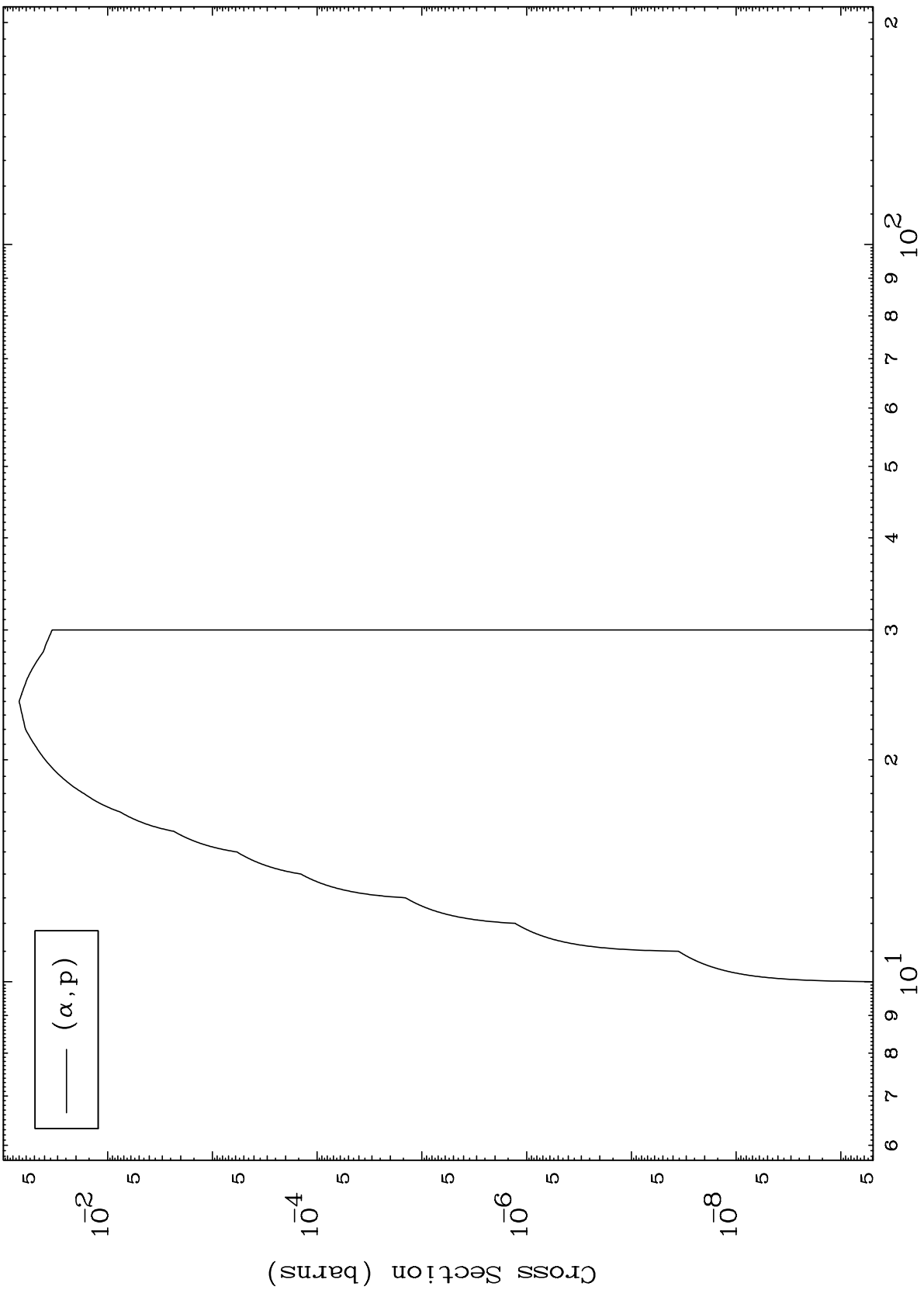
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

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



62-Sm-142

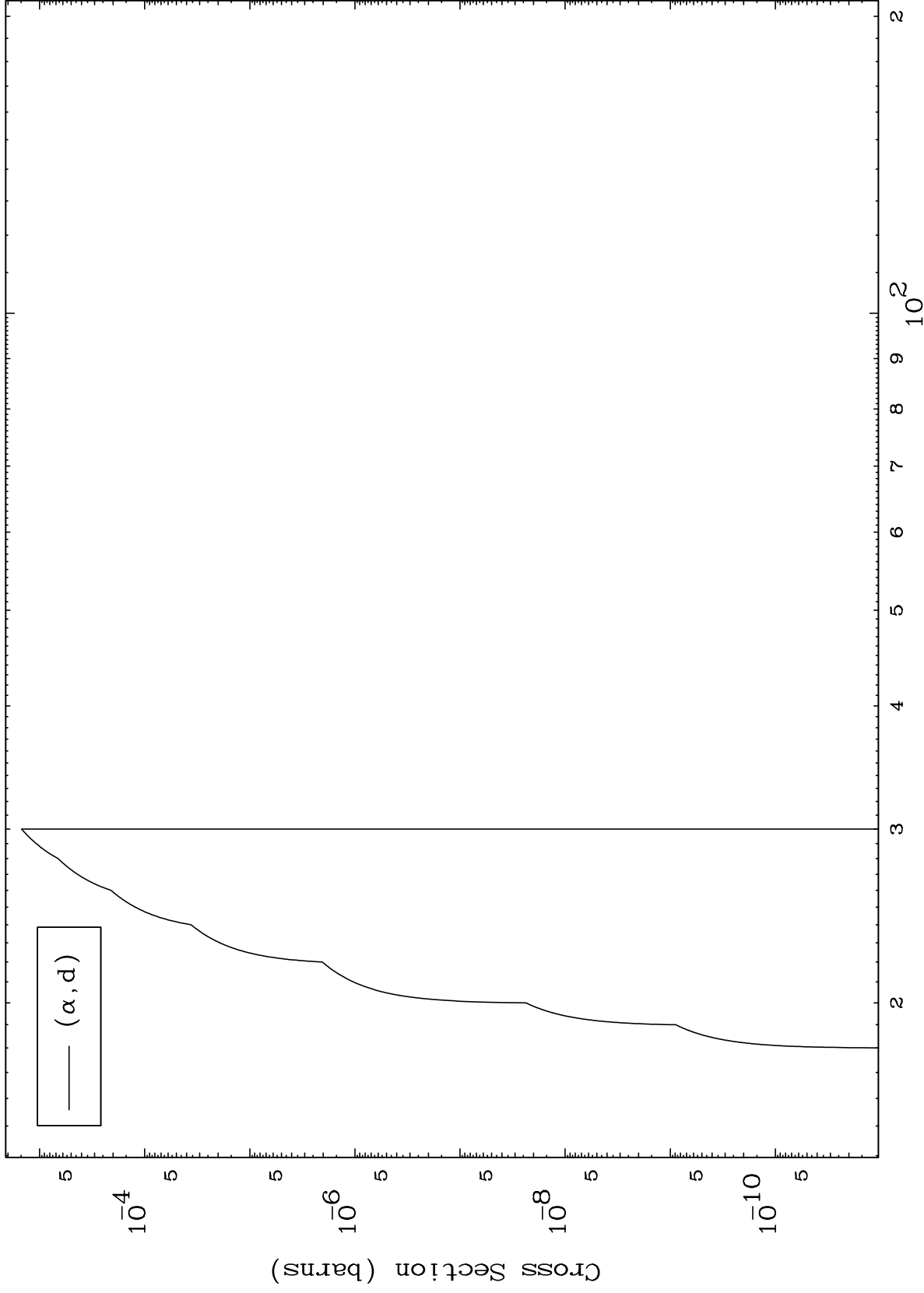
Incident Energy (MeV)

6

MAT 6219

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

62-Sm-142

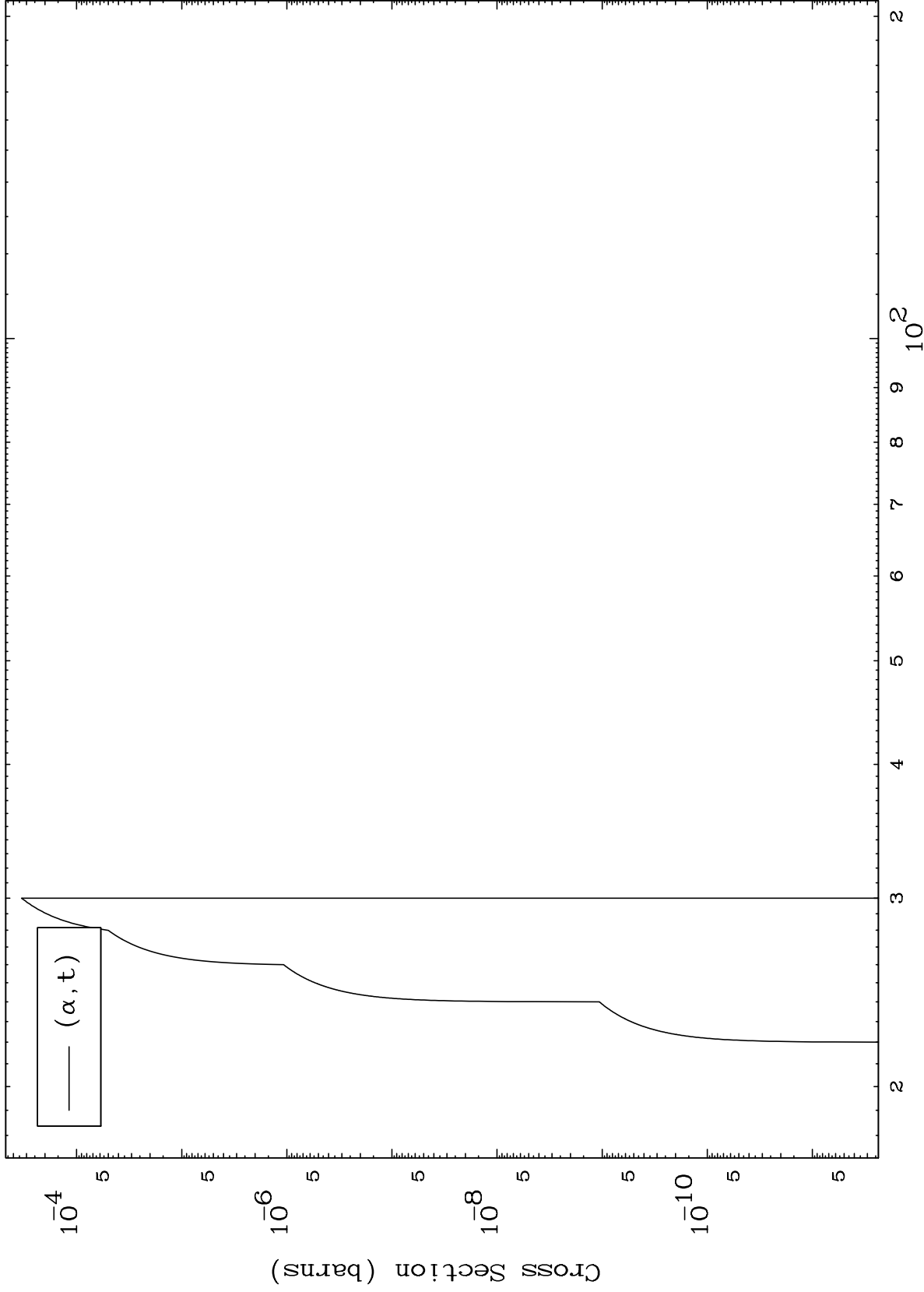


7

Incident Energy (MeV)

62-Sm-142

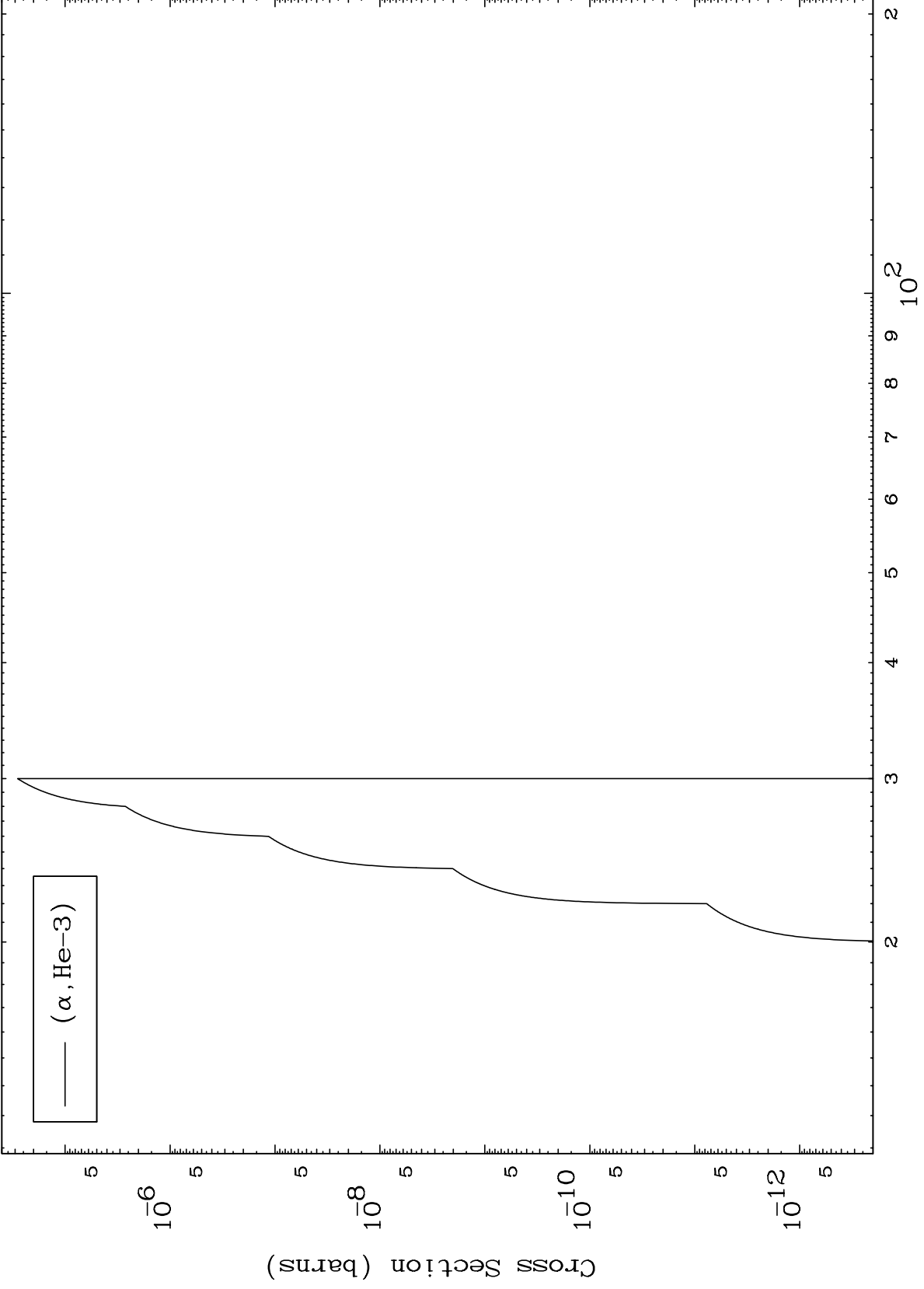




MAT 6219

62-Sm-142

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections

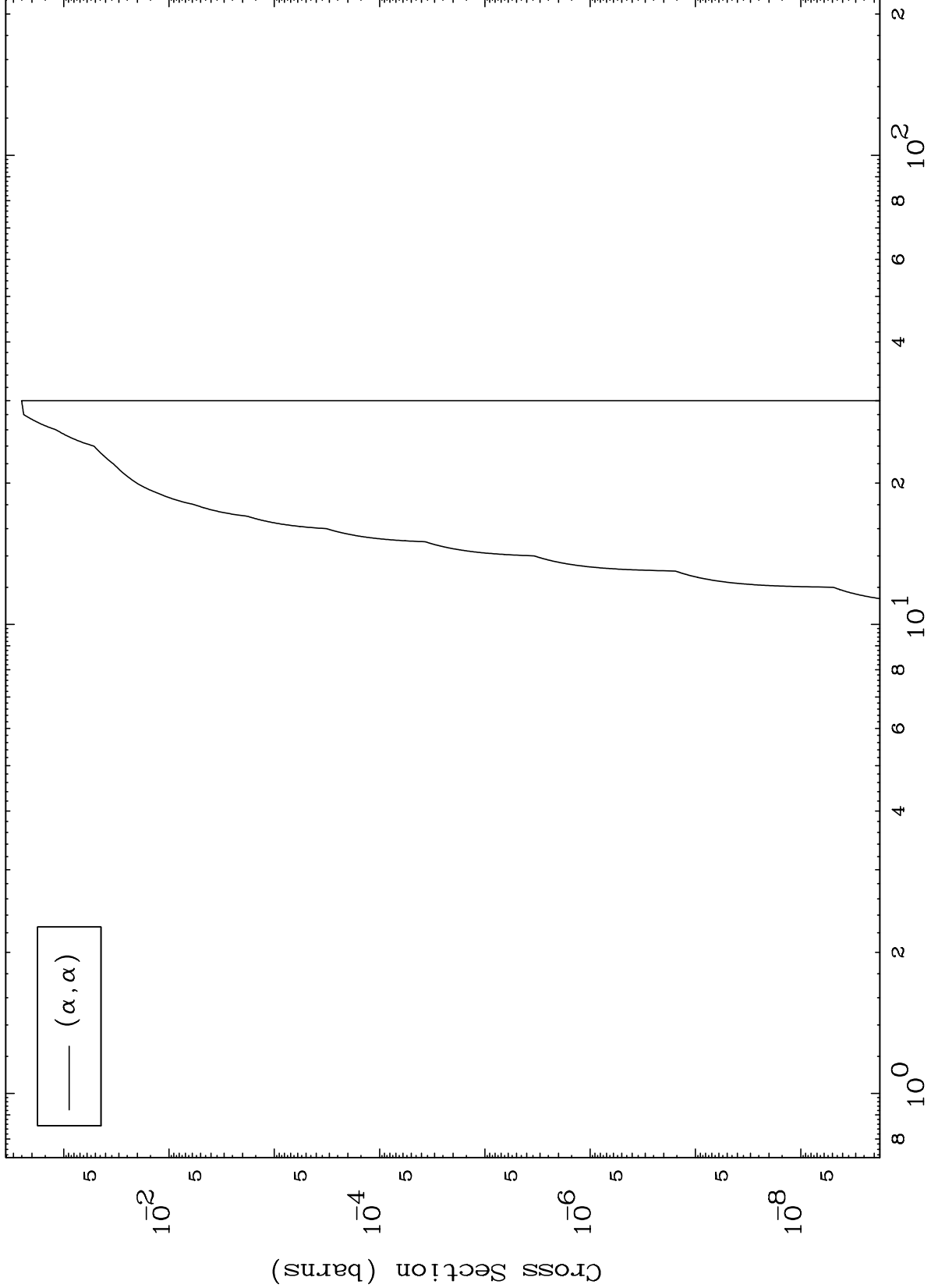


MAT 6219

( $\alpha, \alpha$ ) Levels

62-Sm-142

0 Kelvin Cross Sections

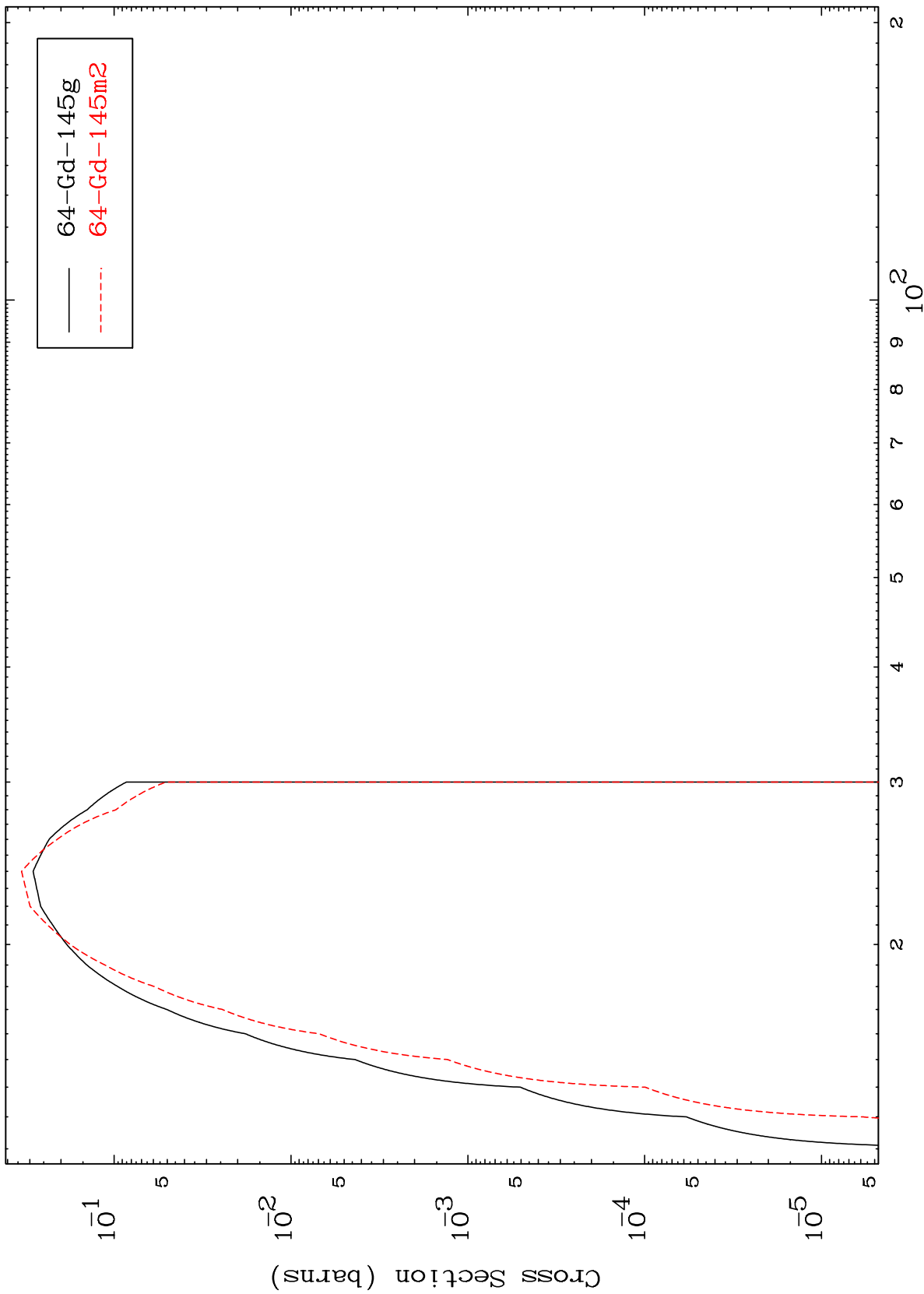


10

Incident Energy (MeV)

62-Sm-142

Radionuclide Production Cross Section  
 $\alpha$  Inelastic

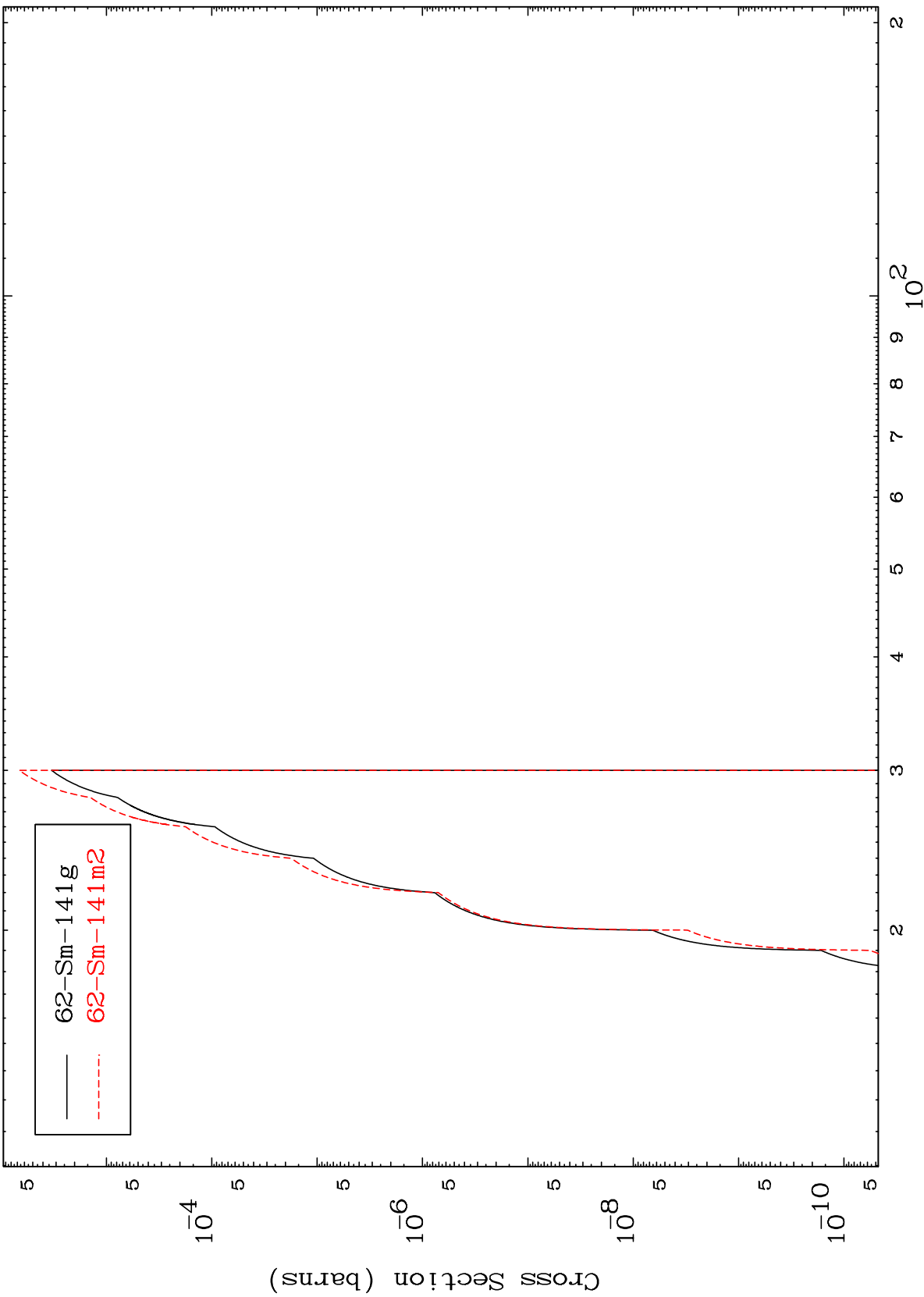


MAT 6219

62-Sm-142

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

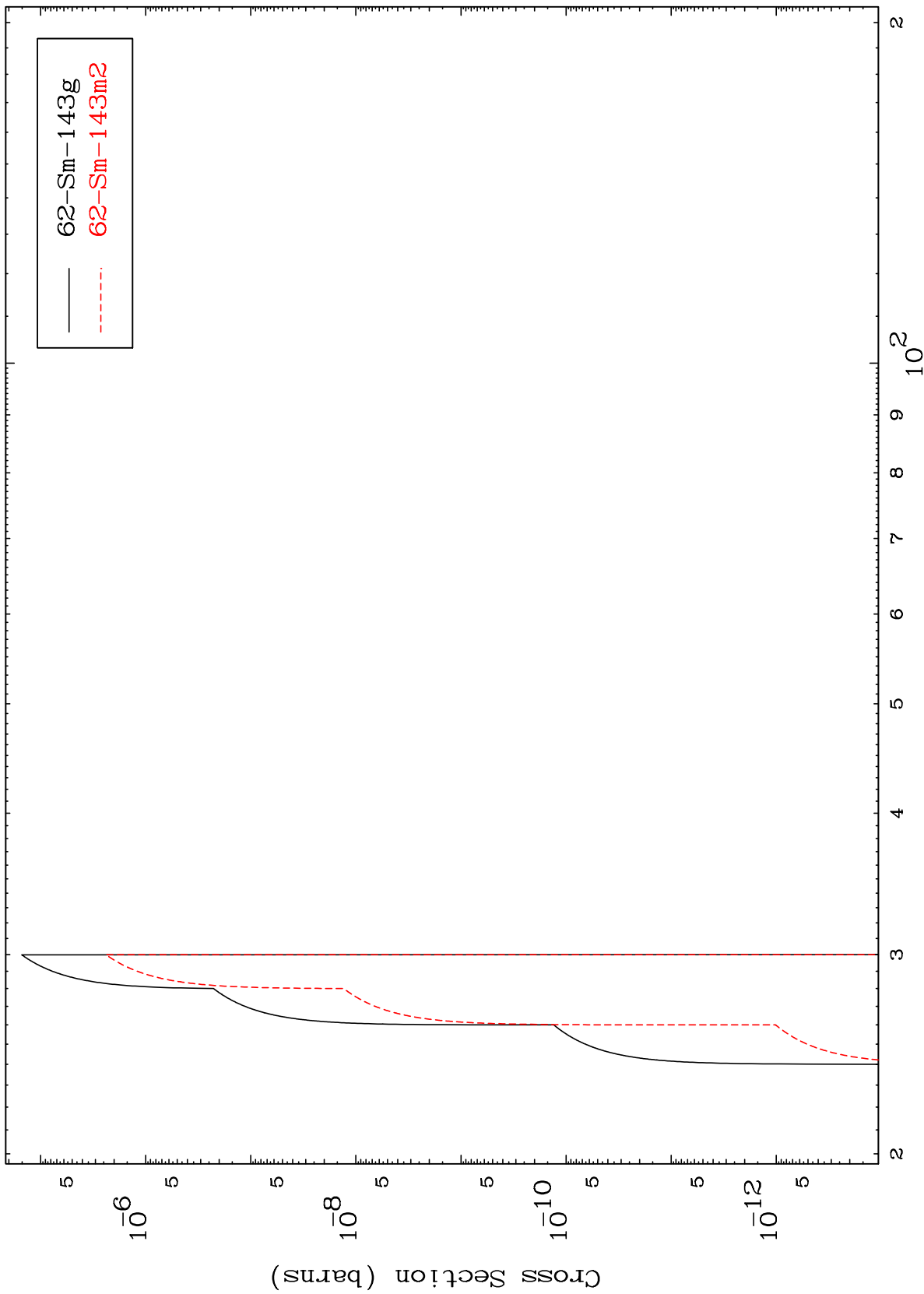
62-Sm-142

MAT 6219

$(\alpha, 2n)$  p

62-Sm-142

Radionuclide Production Cross Section



13

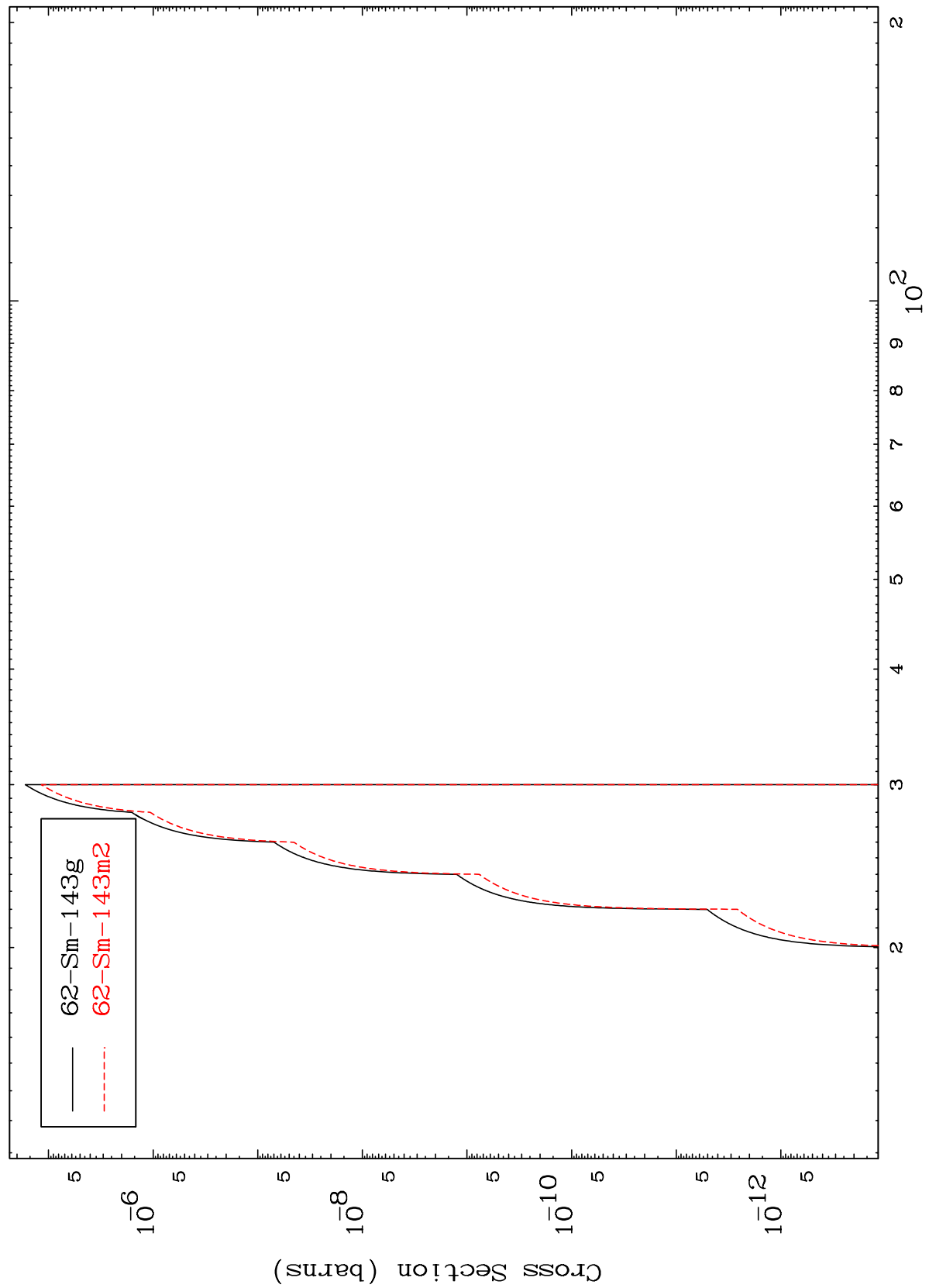
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

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



14

Incident Energy (MeV)

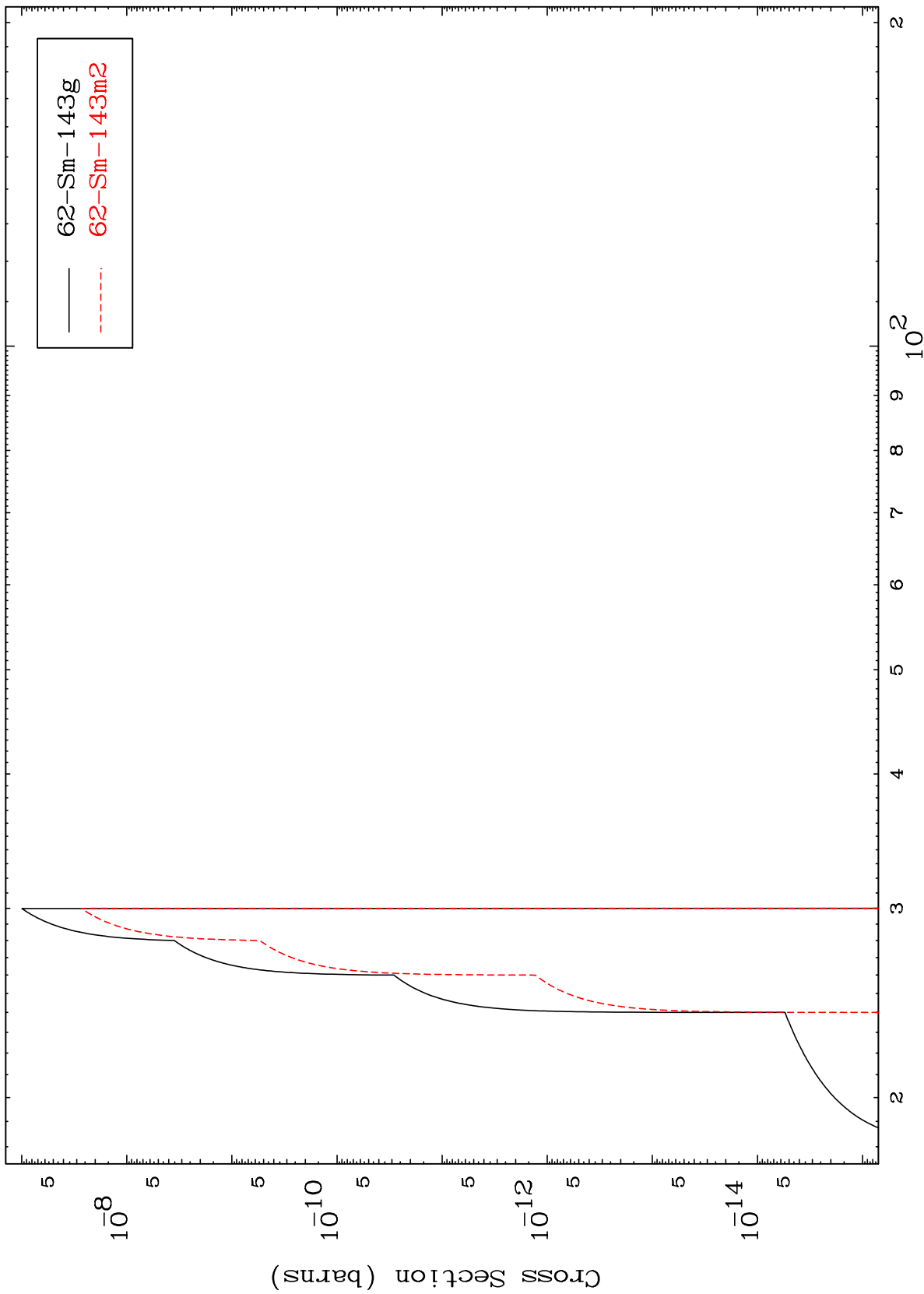
62-Sm-142

MAT 6219

( $\alpha, p$ ) d

62-Sm-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-142