

Program EVALPLOT  
(Version 2018-1)

by

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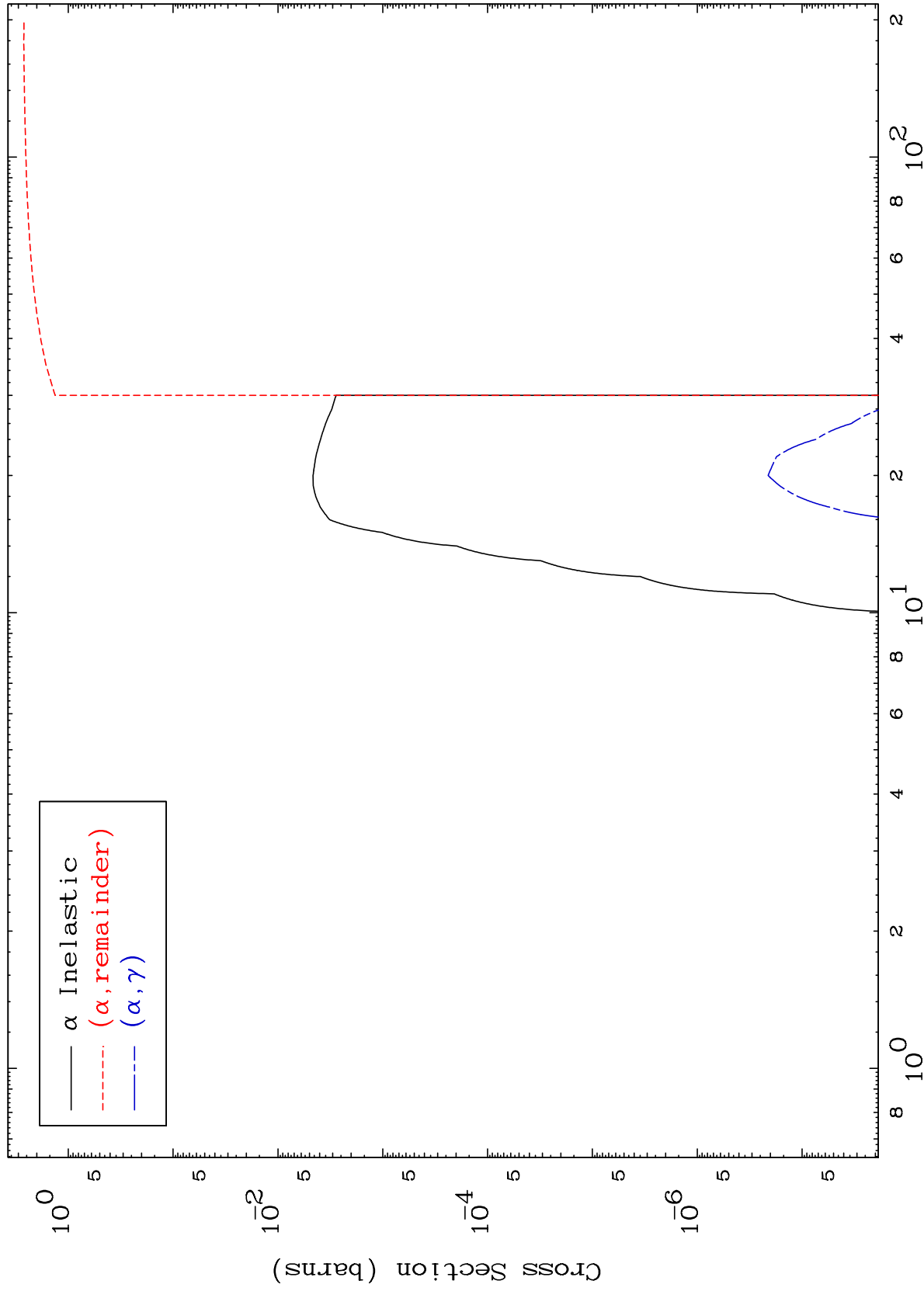
Press Mouse Button to Start

MAT 7061

$\alpha$  Major

70-Yb-180

0 Kelvin Cross Sections



1

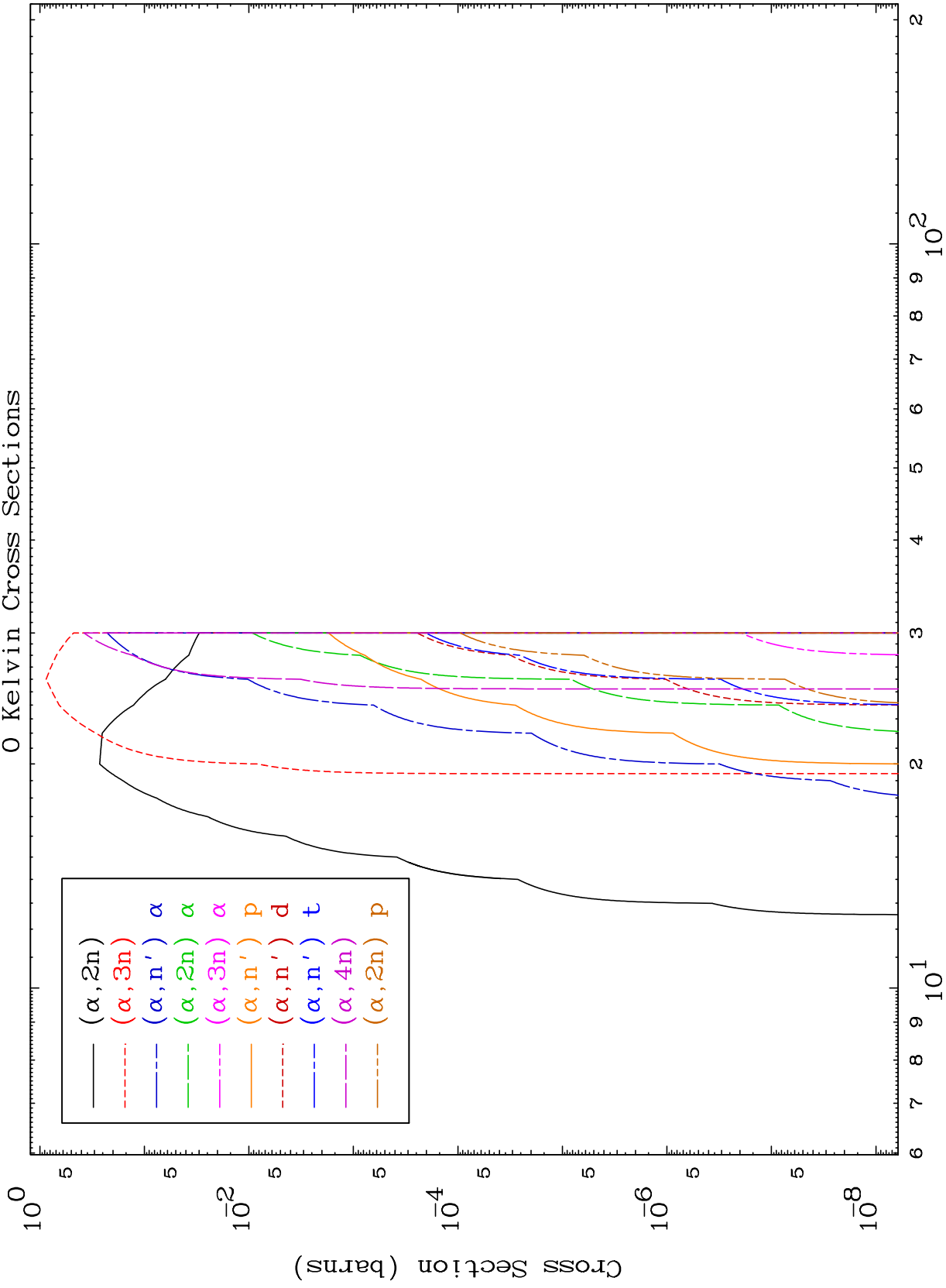
Incident Energy (MeV)

70-Yb-180

MAT 7061

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

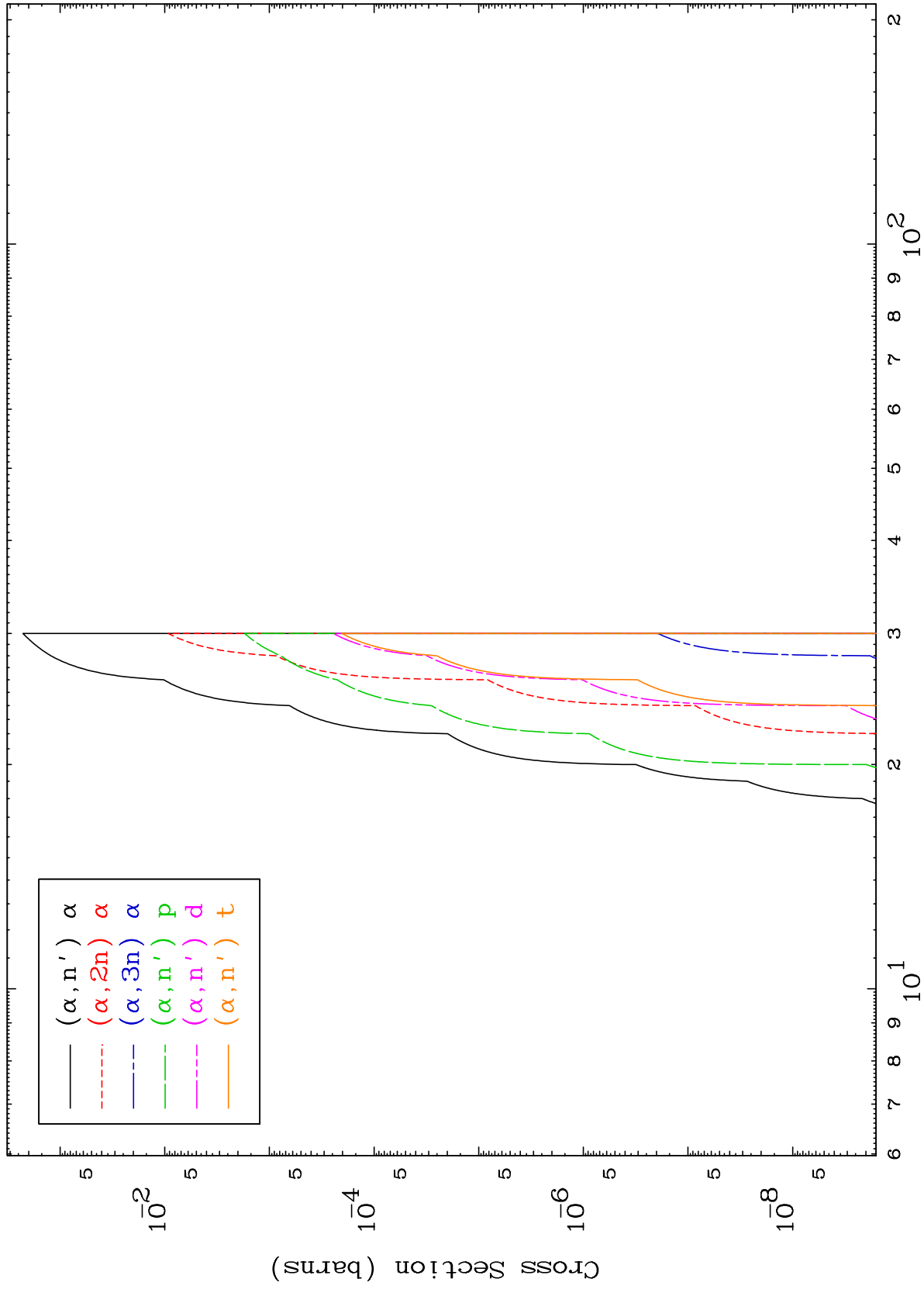
70-Yb-180



2

Incident Energy (MeV)

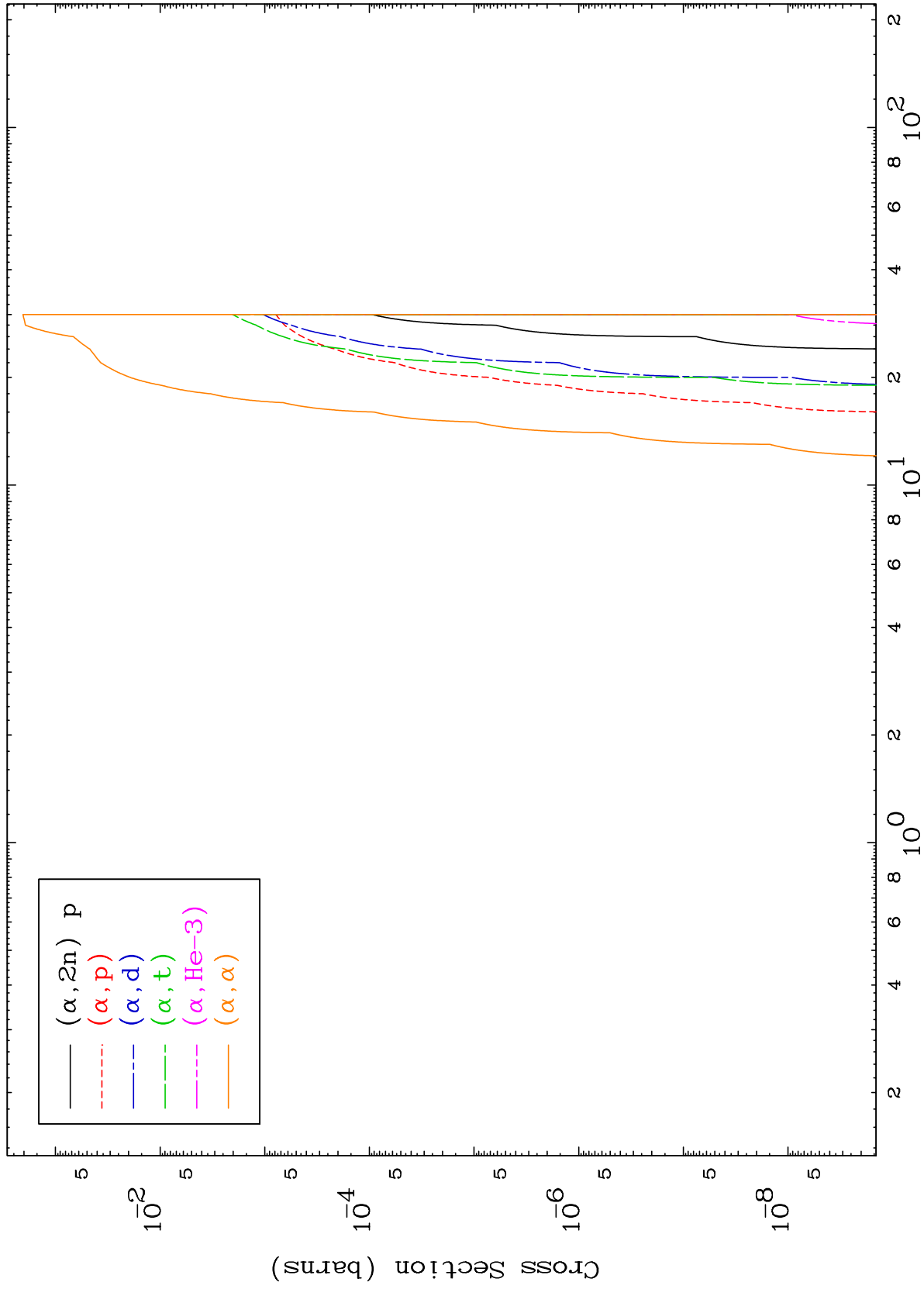
70-Yb-180



MAT 7061

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

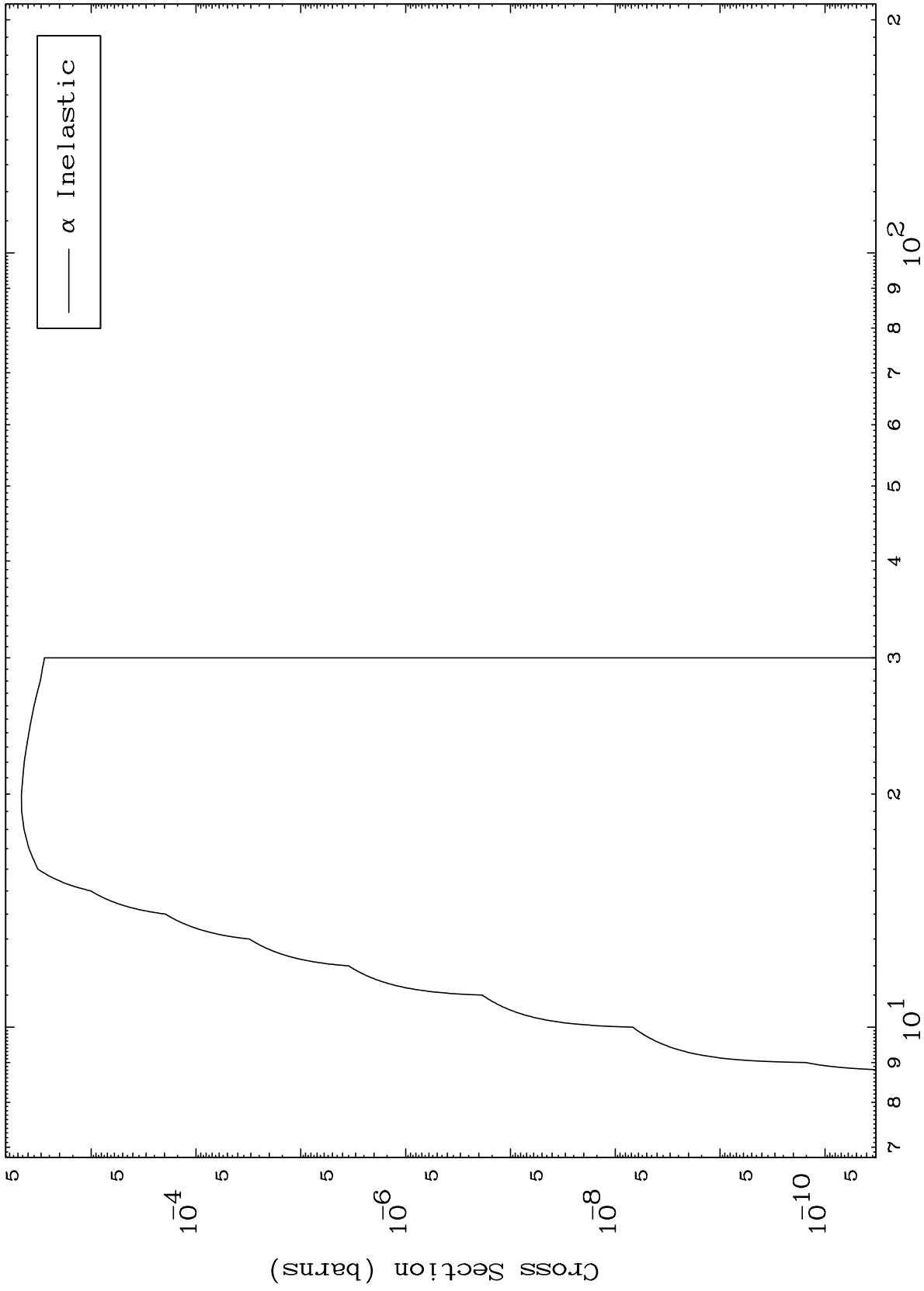
70-Yb-180



MAT 7061

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

70-Yb-180



5

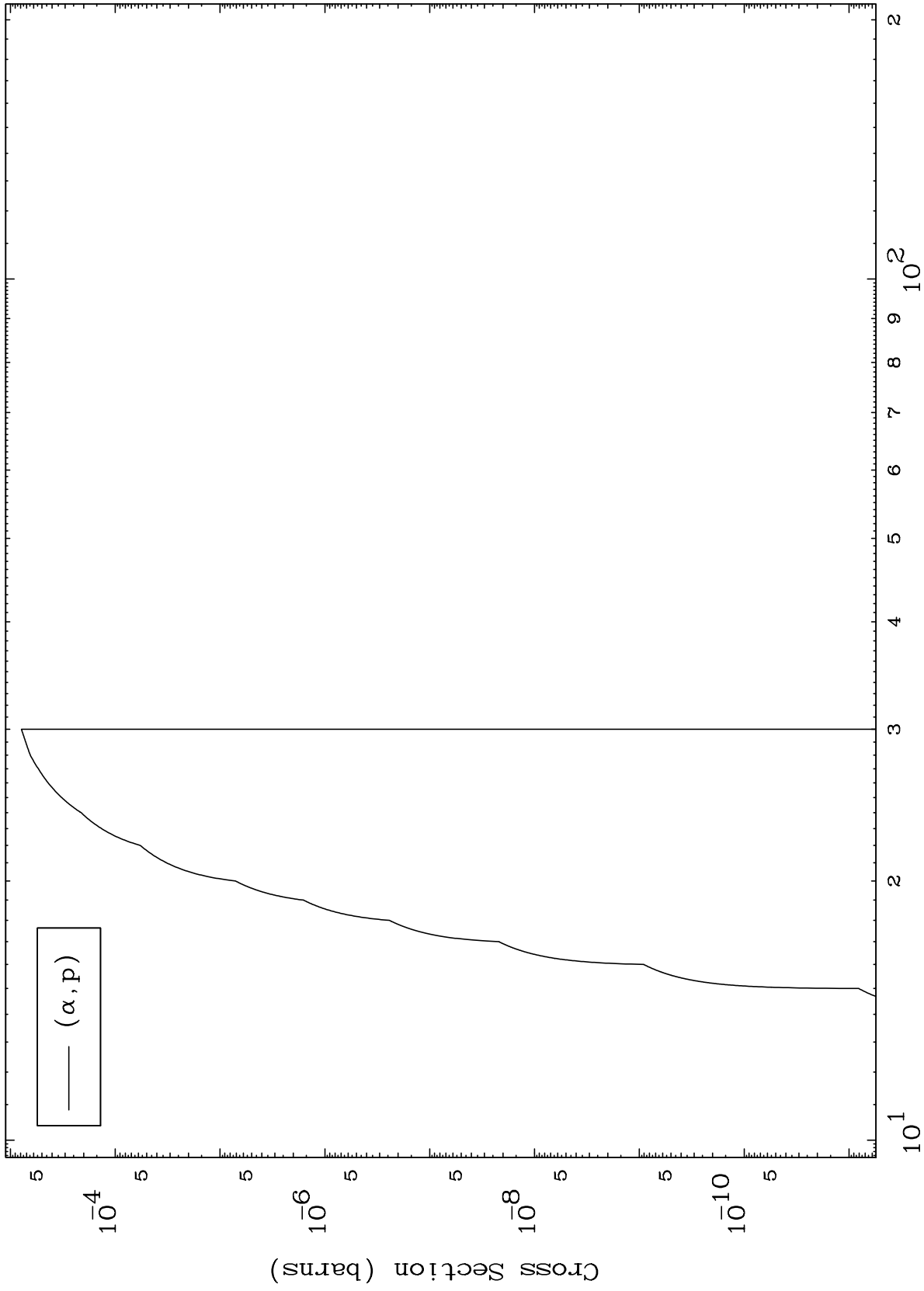
Incident Energy (MeV)

70-Yb-180

MAT 7061

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

70-Yb-180



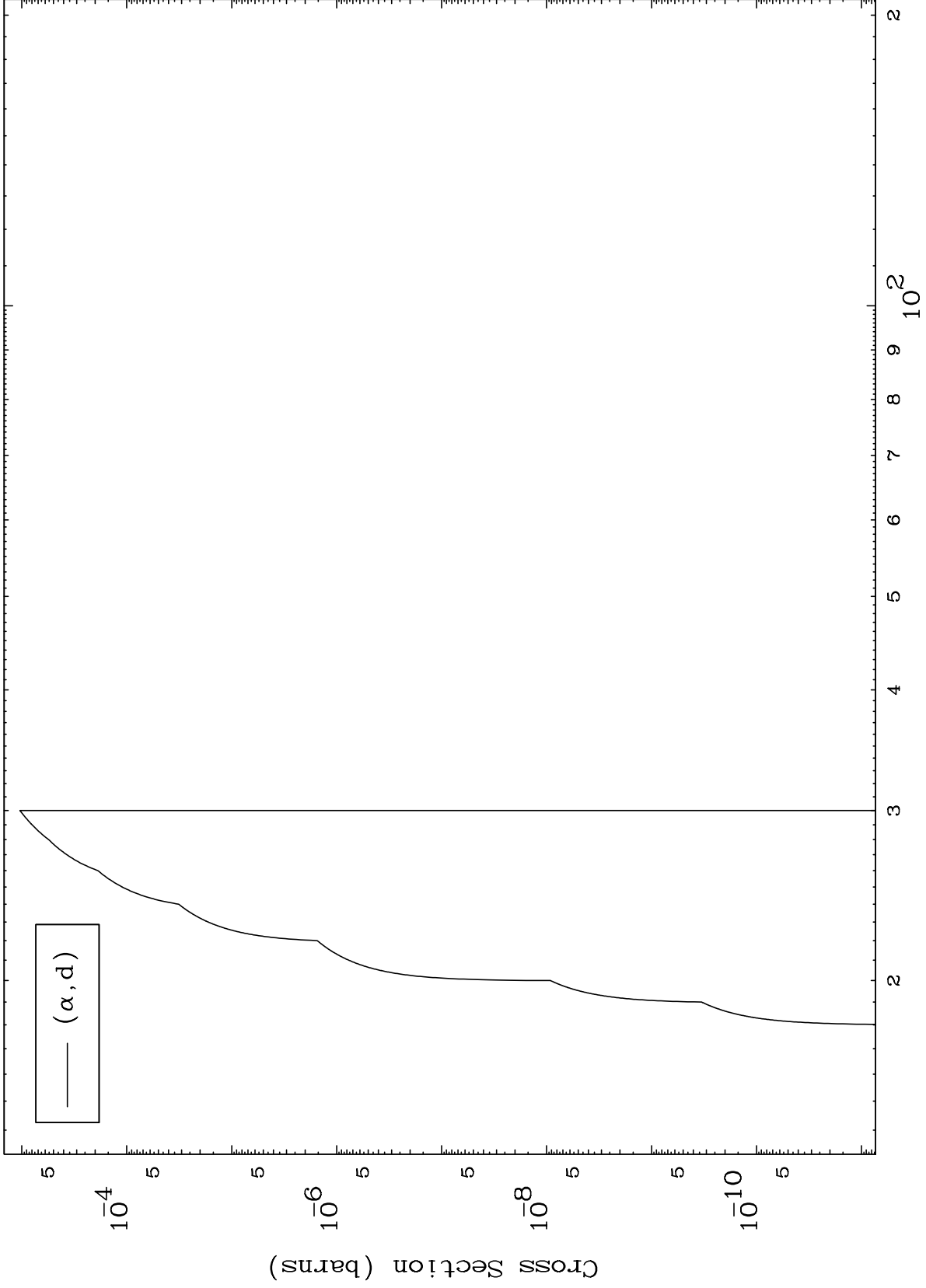
Incident Energy (MeV)

70-Yb-180

MAT 7061

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

70-Yb-180

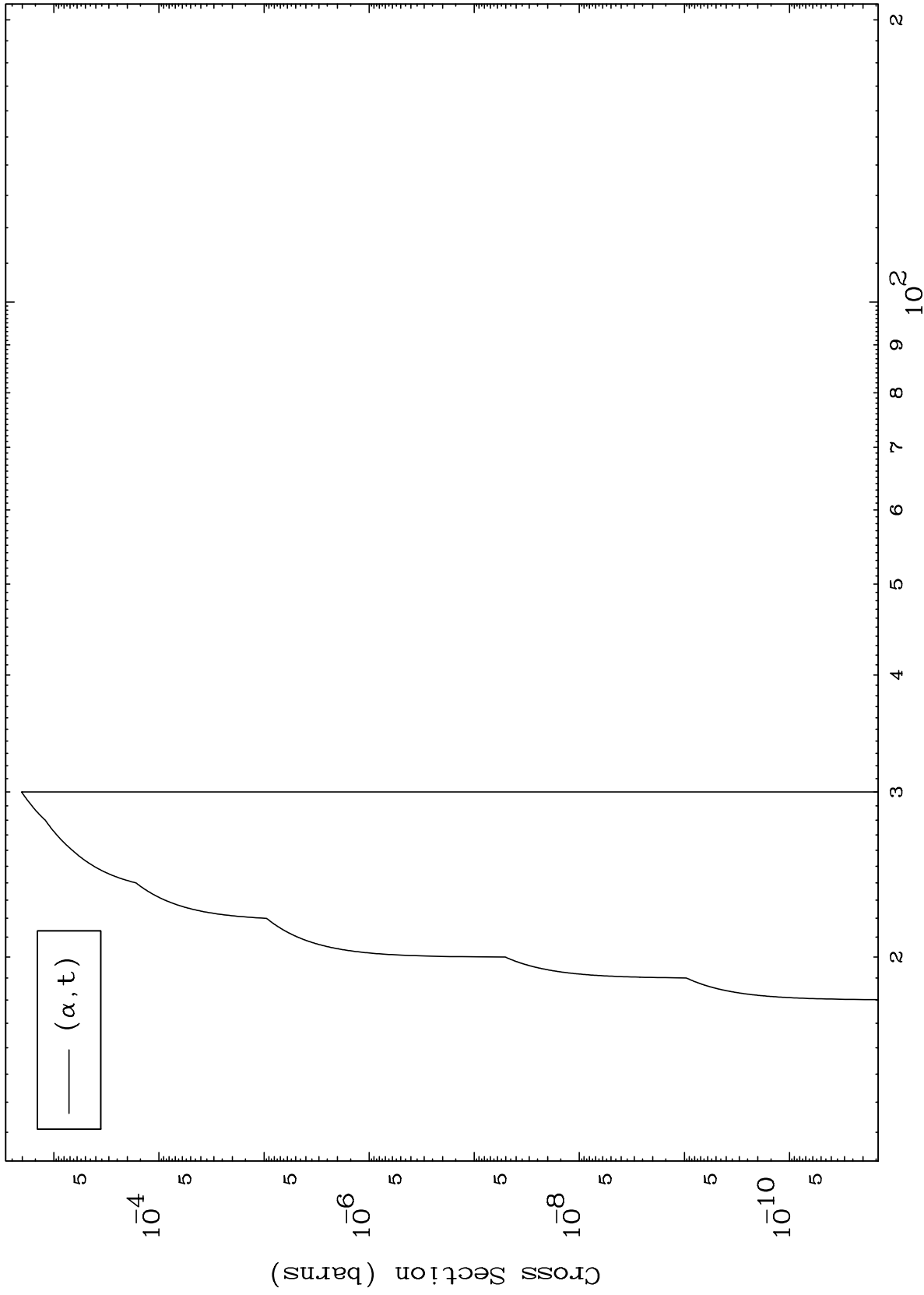


7

Incident Energy (MeV)

70-Yb-180

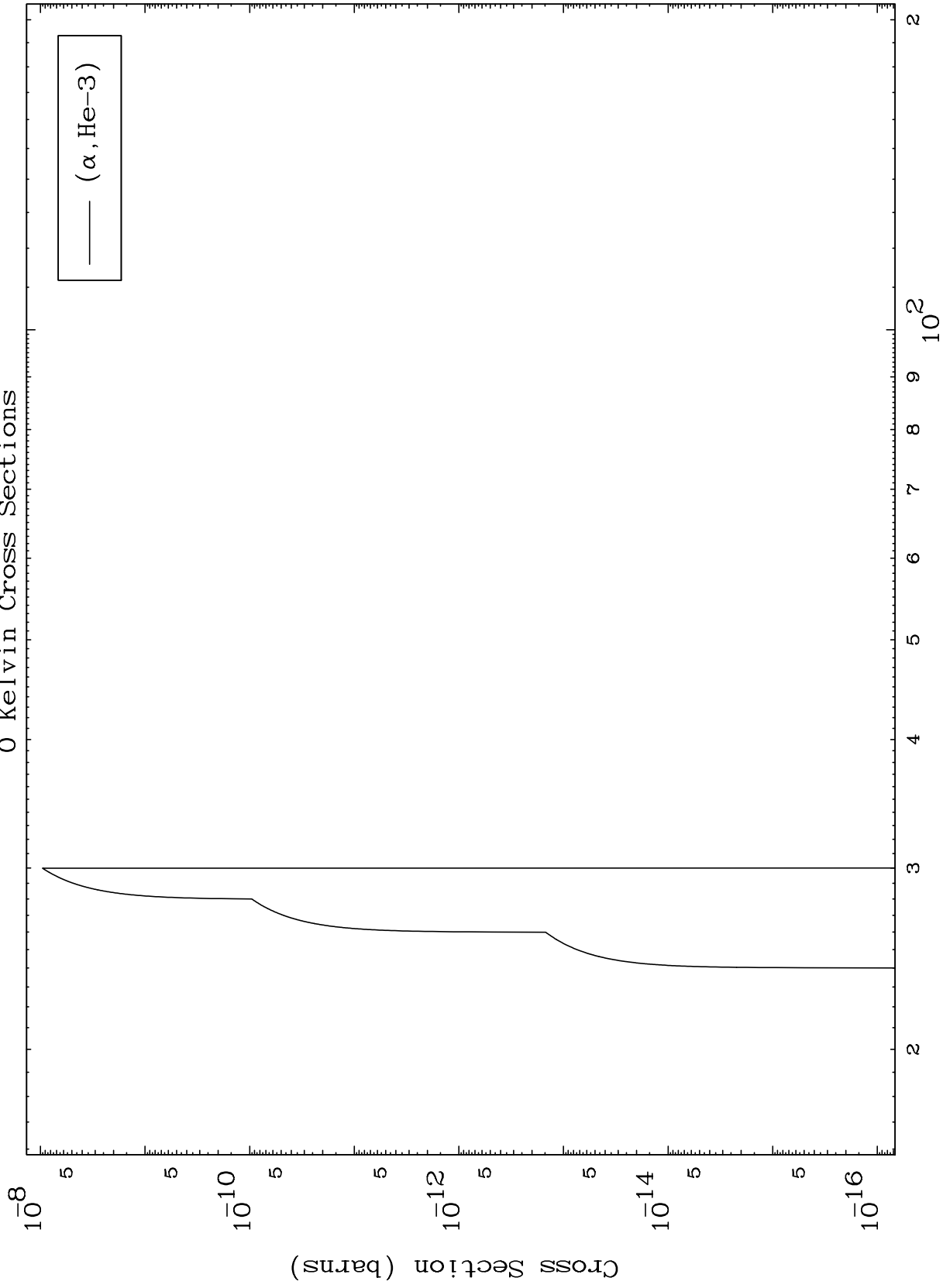




MAT 7061

( $\alpha, \text{He-3}$ ) Levels  
0 Kelvin Cross Sections

70-Yb-180



9

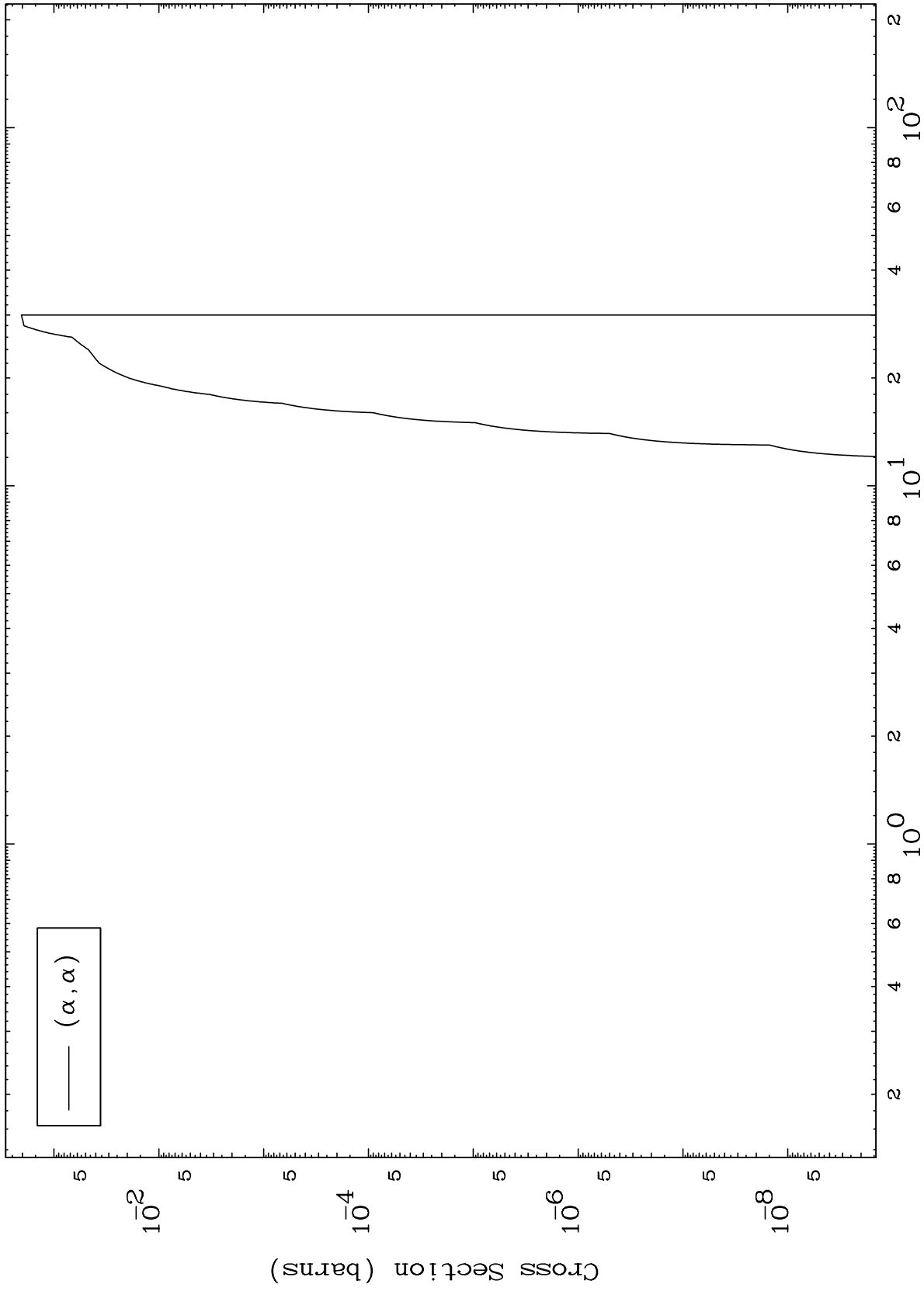
Incident Energy (MeV)

70-Yb-180

MAT 7061

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

70-Yb-180



10

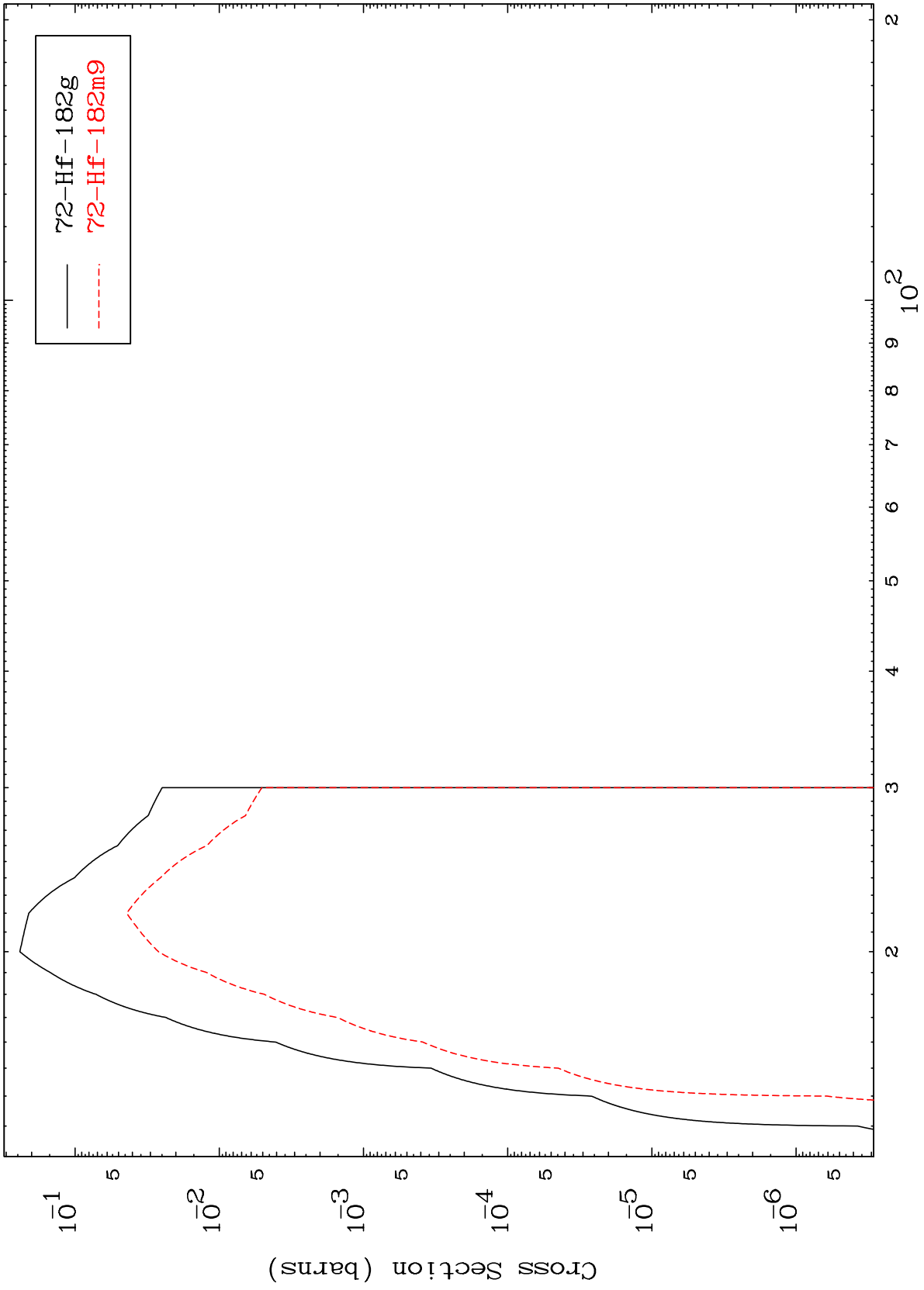
Incident Energy (MeV)

70-Yb-180

MAT 7061

70-Yb-180

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



11

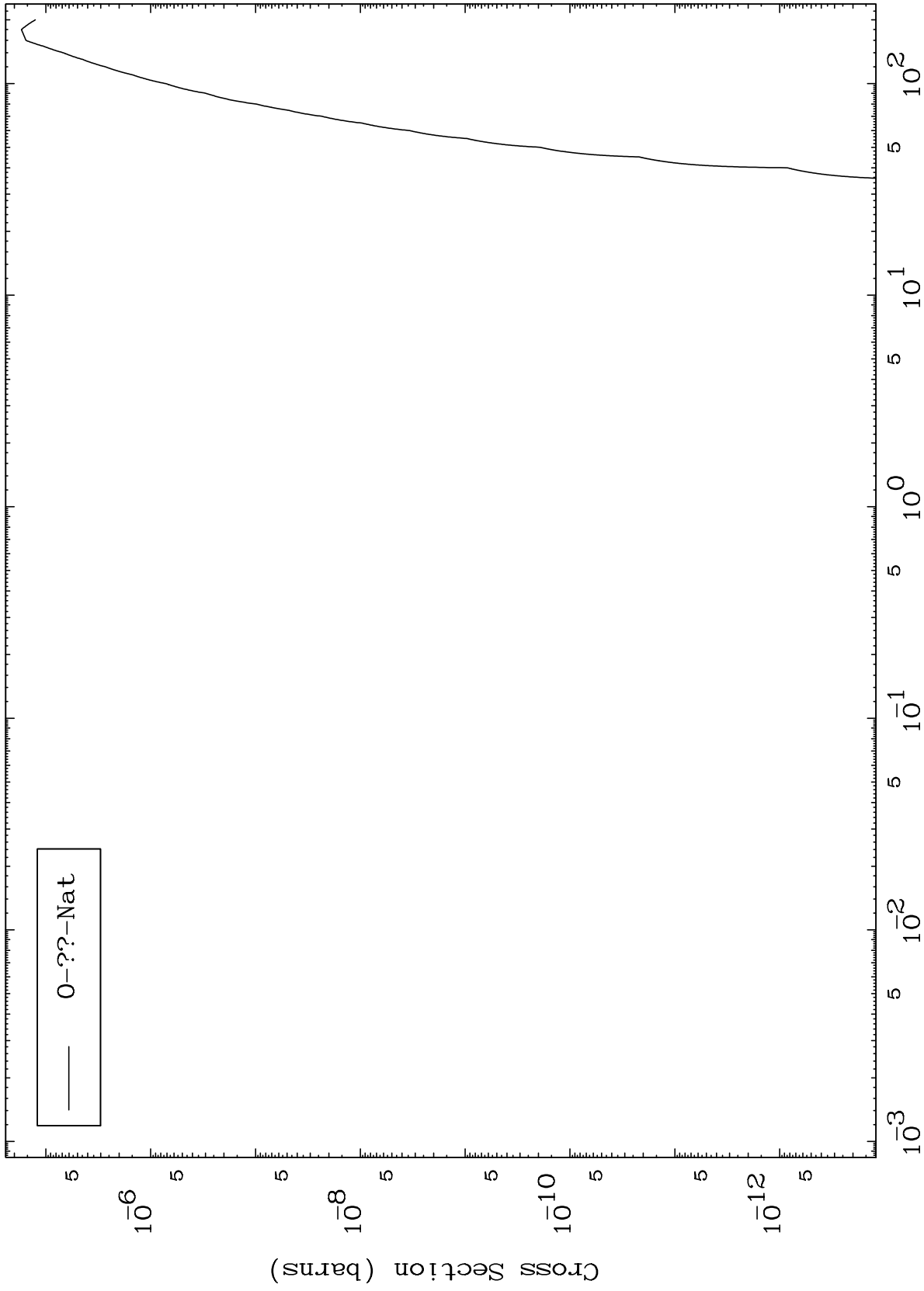
Incident Energy (MeV)

70-Yb-180

MAT 7061

$\alpha$  Fission  
Radionuclide Production Cross Section

70-Yb-180



12

Incident Energy (MeV)

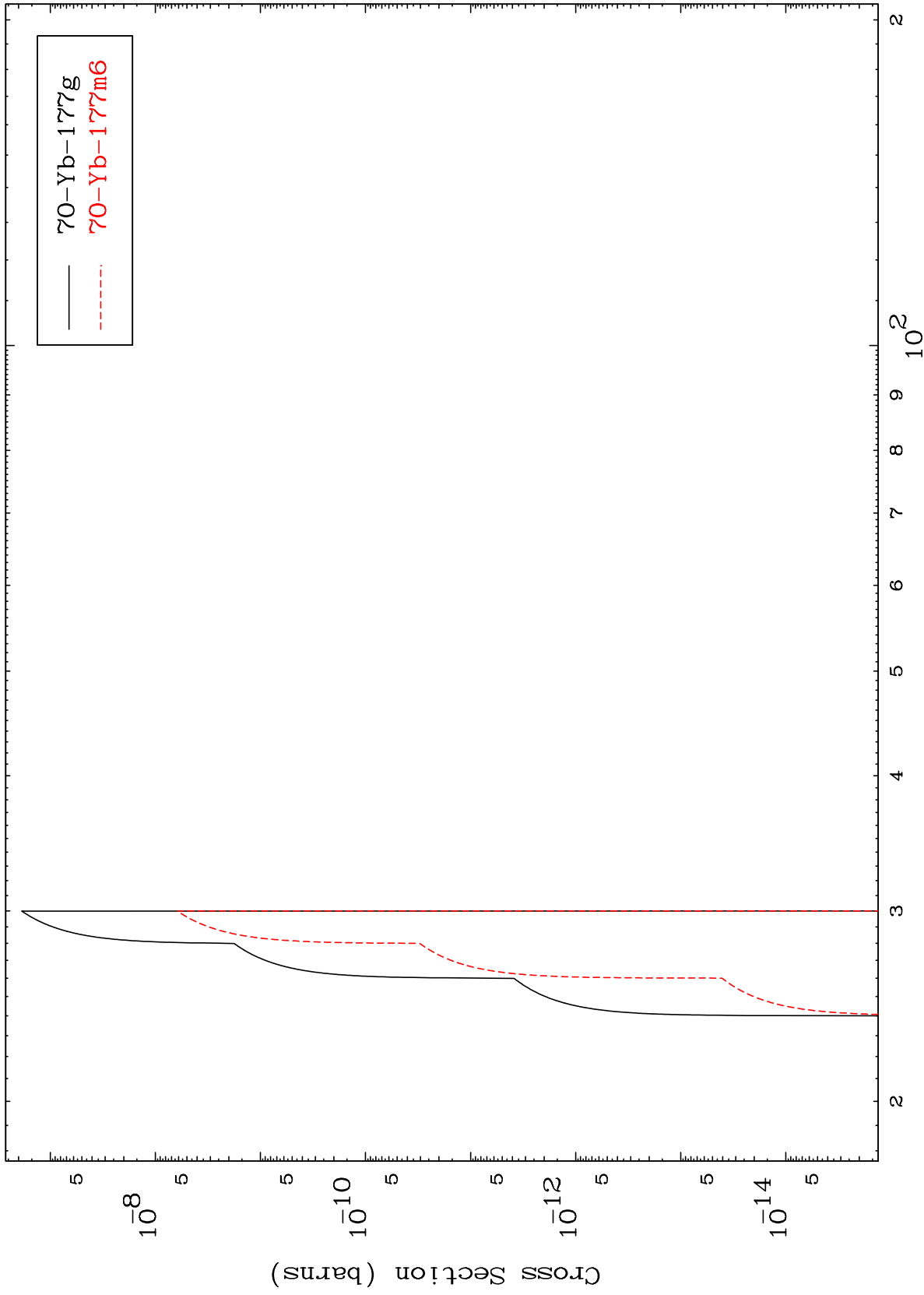
70-Yb-180

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$(\alpha, 3n) \alpha$

$^{70}\text{Yb}-180$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

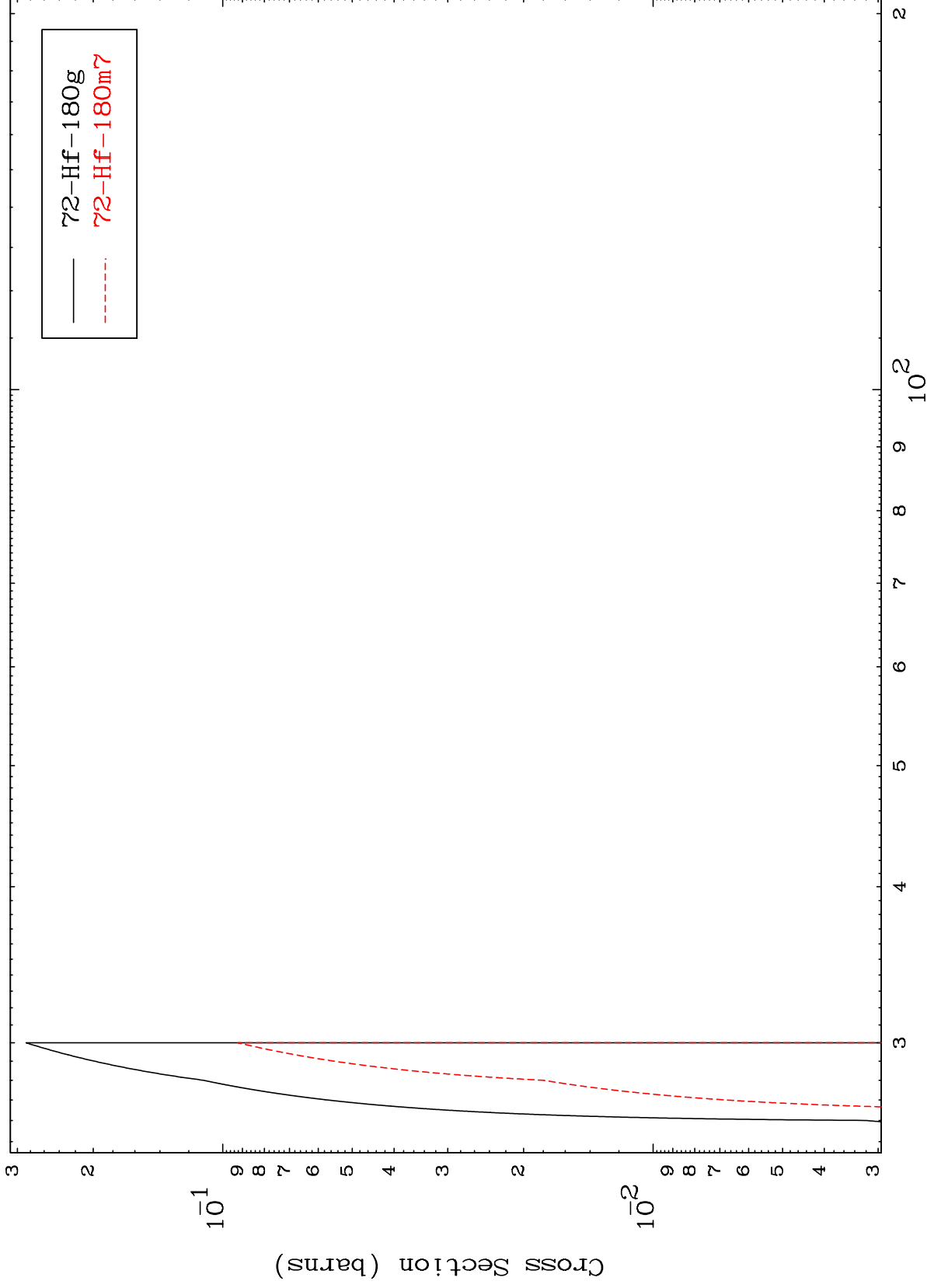
$^{70}\text{Yb}-180$

MAT 7061

( $\alpha, 4n$ )

70-Yb-180

Radionuclide Production Cross Section



14

Incident Energy (MeV)

70-Yb-180

MAT 7061

70-Yb-180

$(\alpha, \gamma)$   
Radionuclide Production Cross Section

