

Program EVALPLOT  
(Version 2018-1)

by

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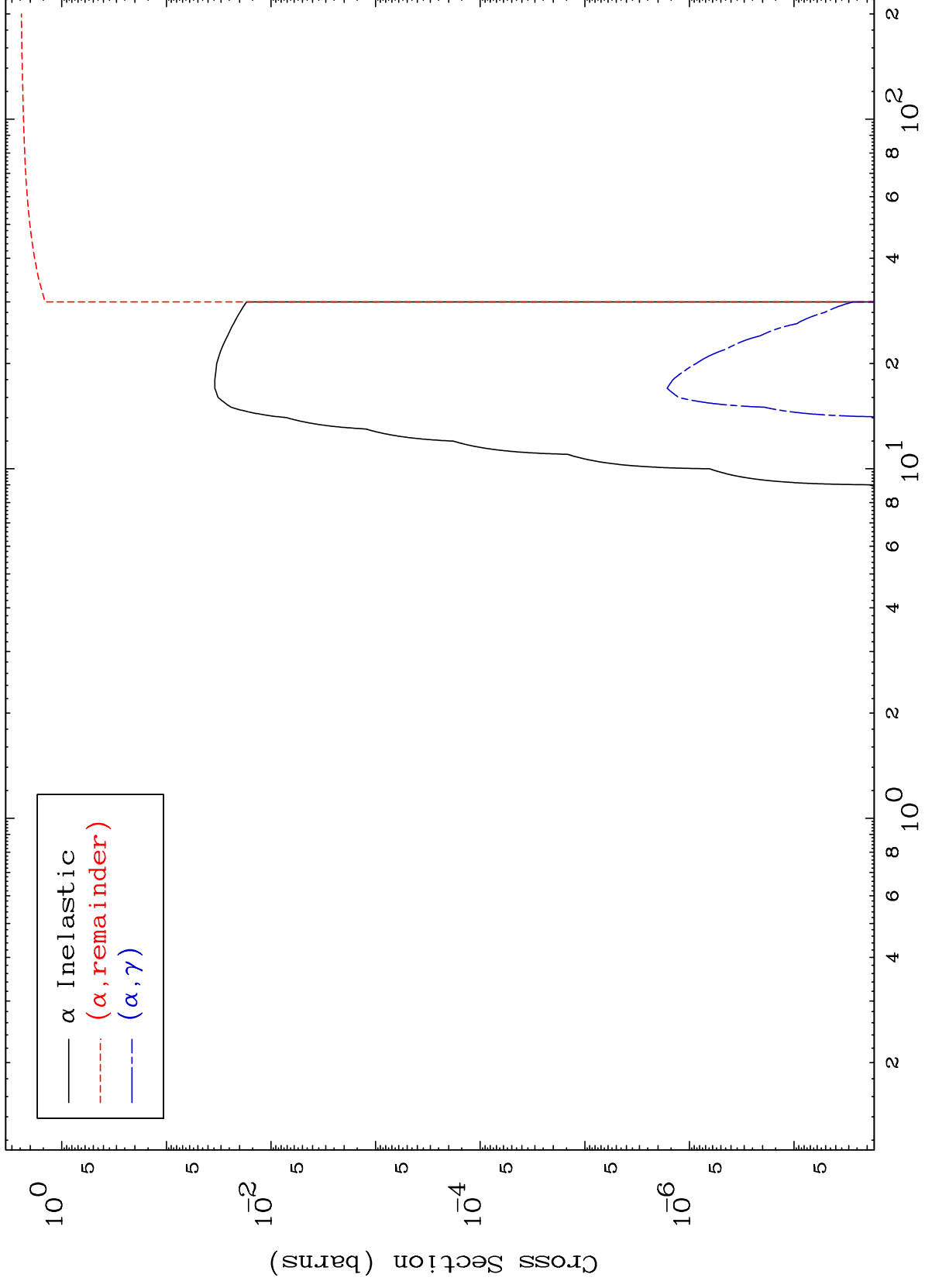
Press Mouse Button to Start

MAT 5947

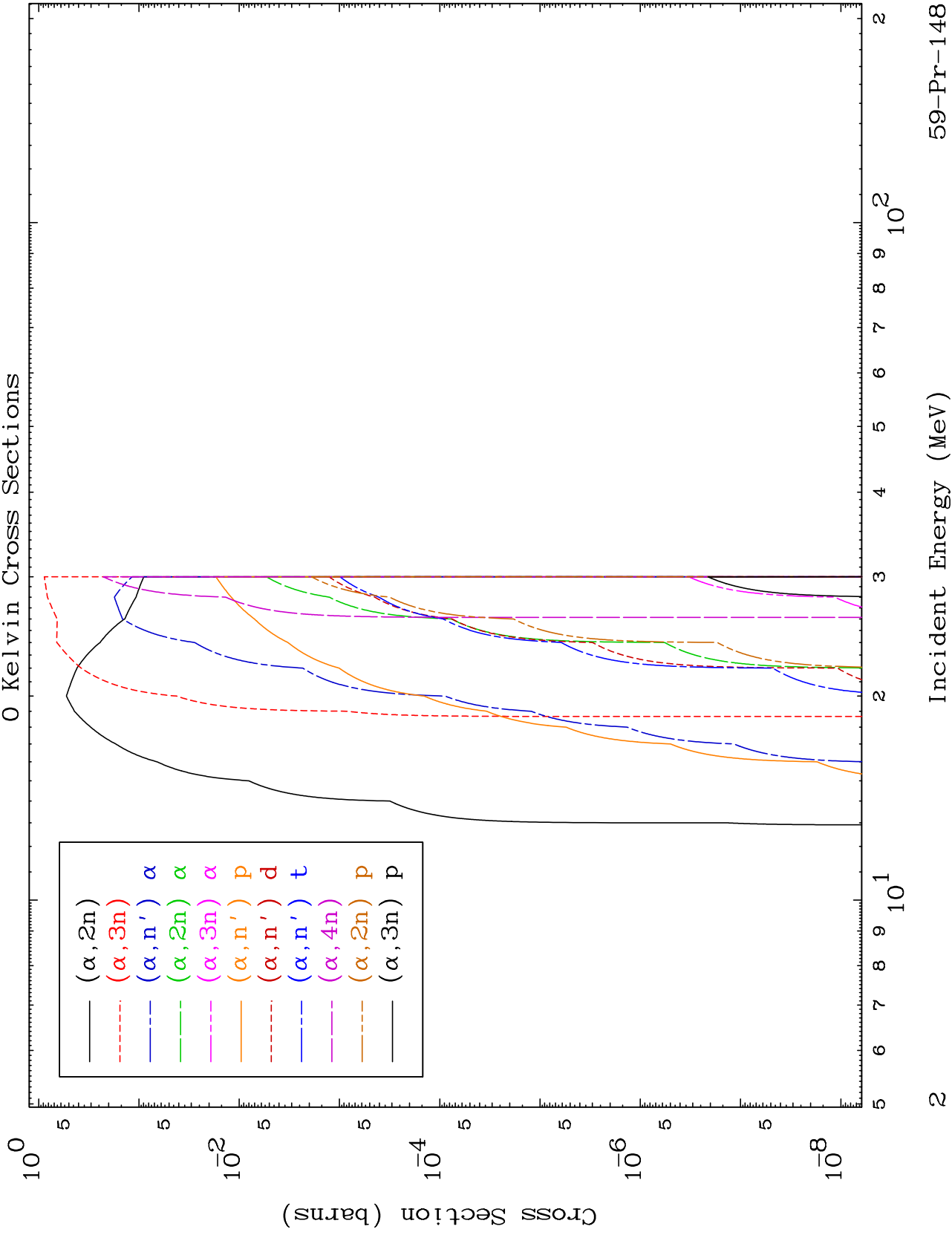
$\alpha$  Major

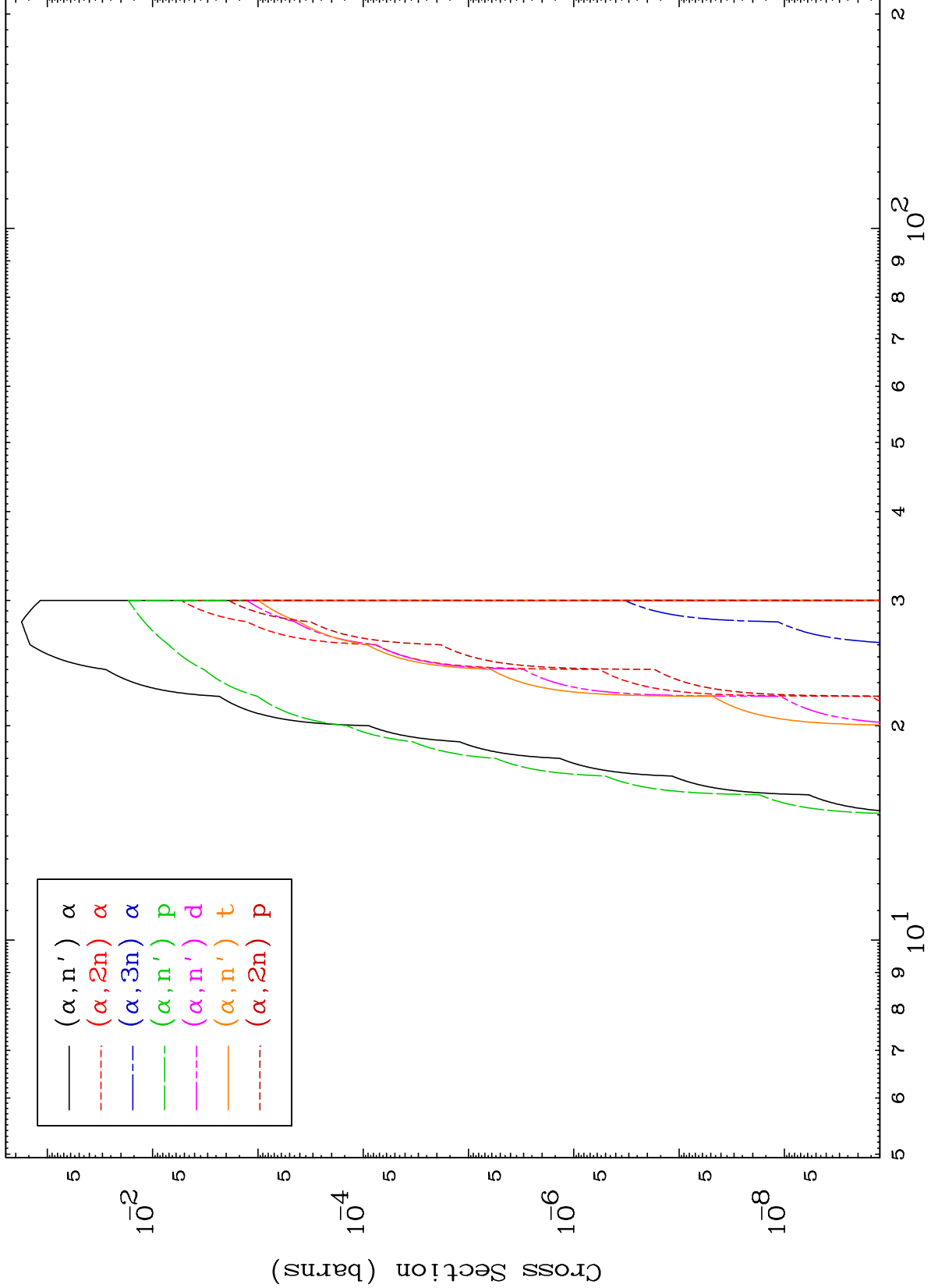
59-Pr-148

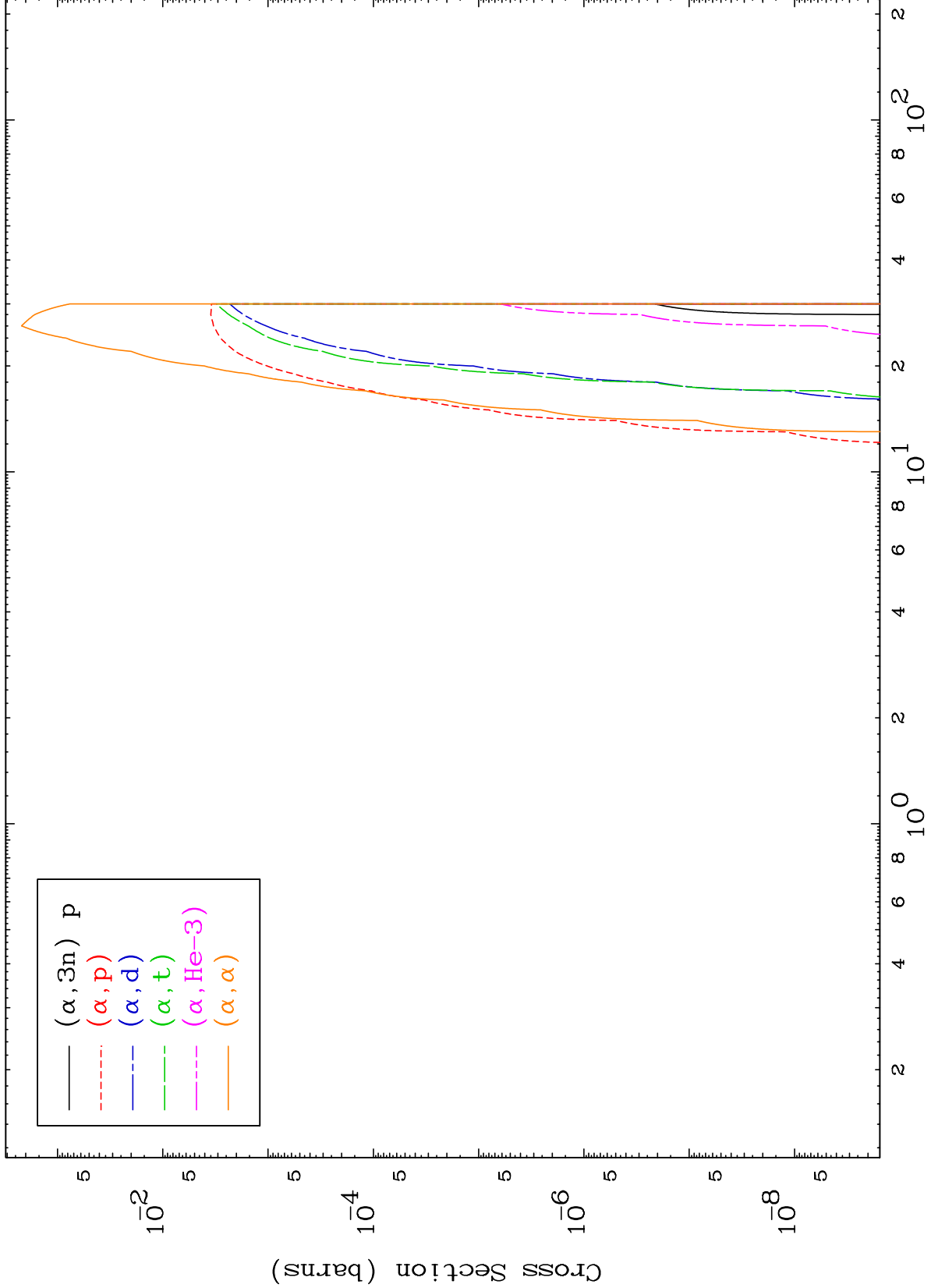
0 Kelvin Cross Sections



$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$





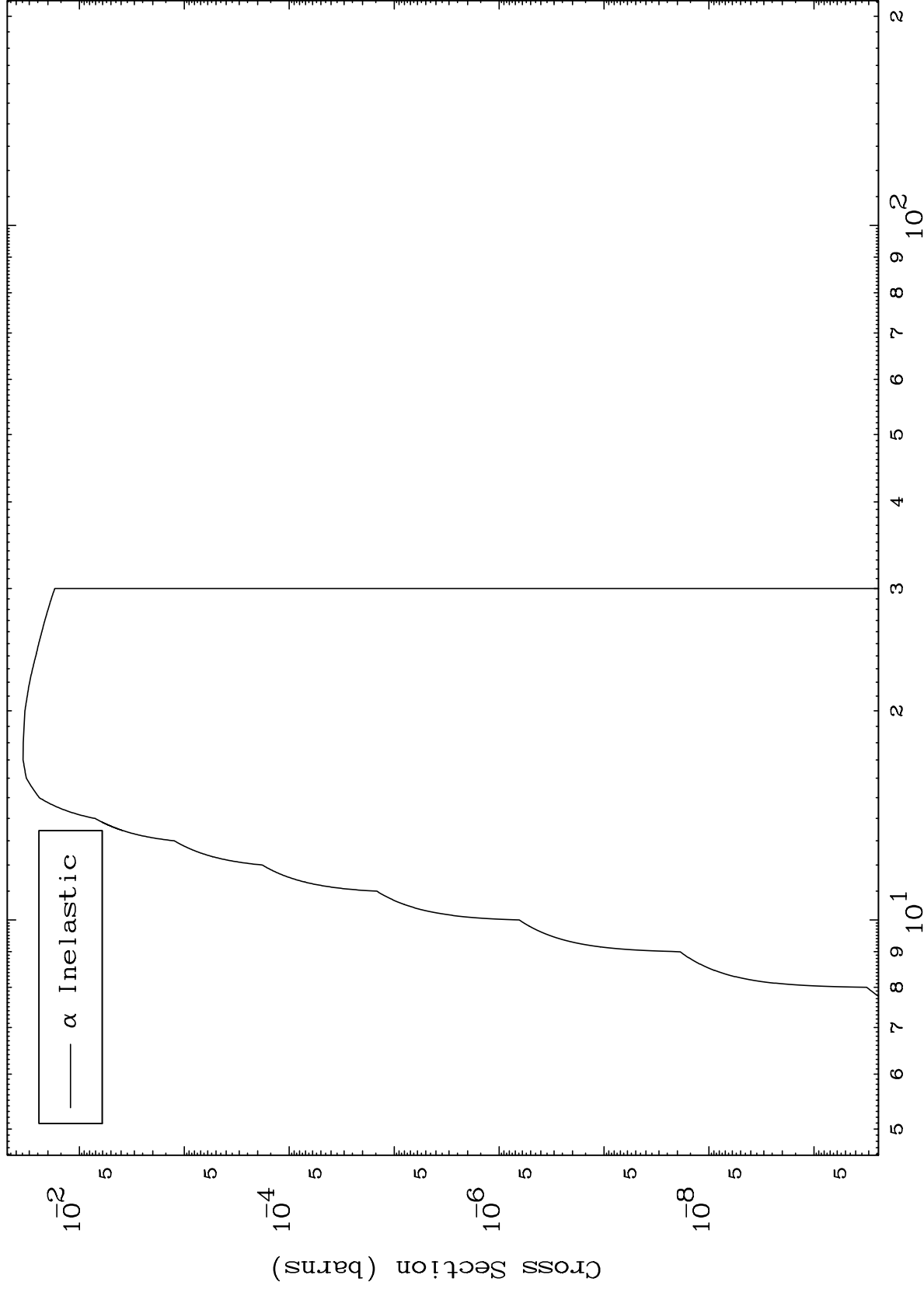


MAT 5947

( $\alpha, n'$ ) Level

59-Pr-148

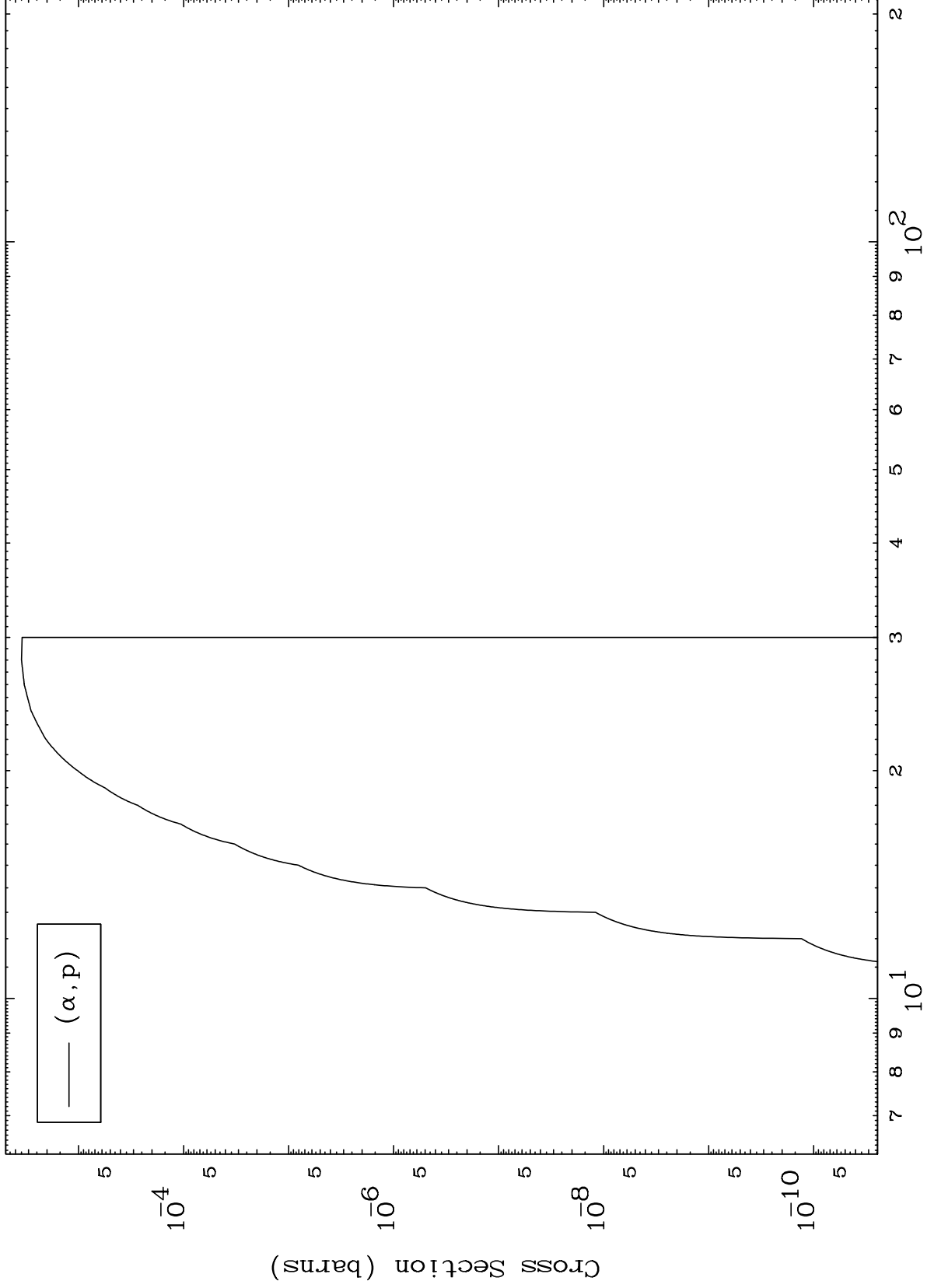
0 Kelvin Cross Sections



5

Incident Energy (MeV)

59-Pr-148

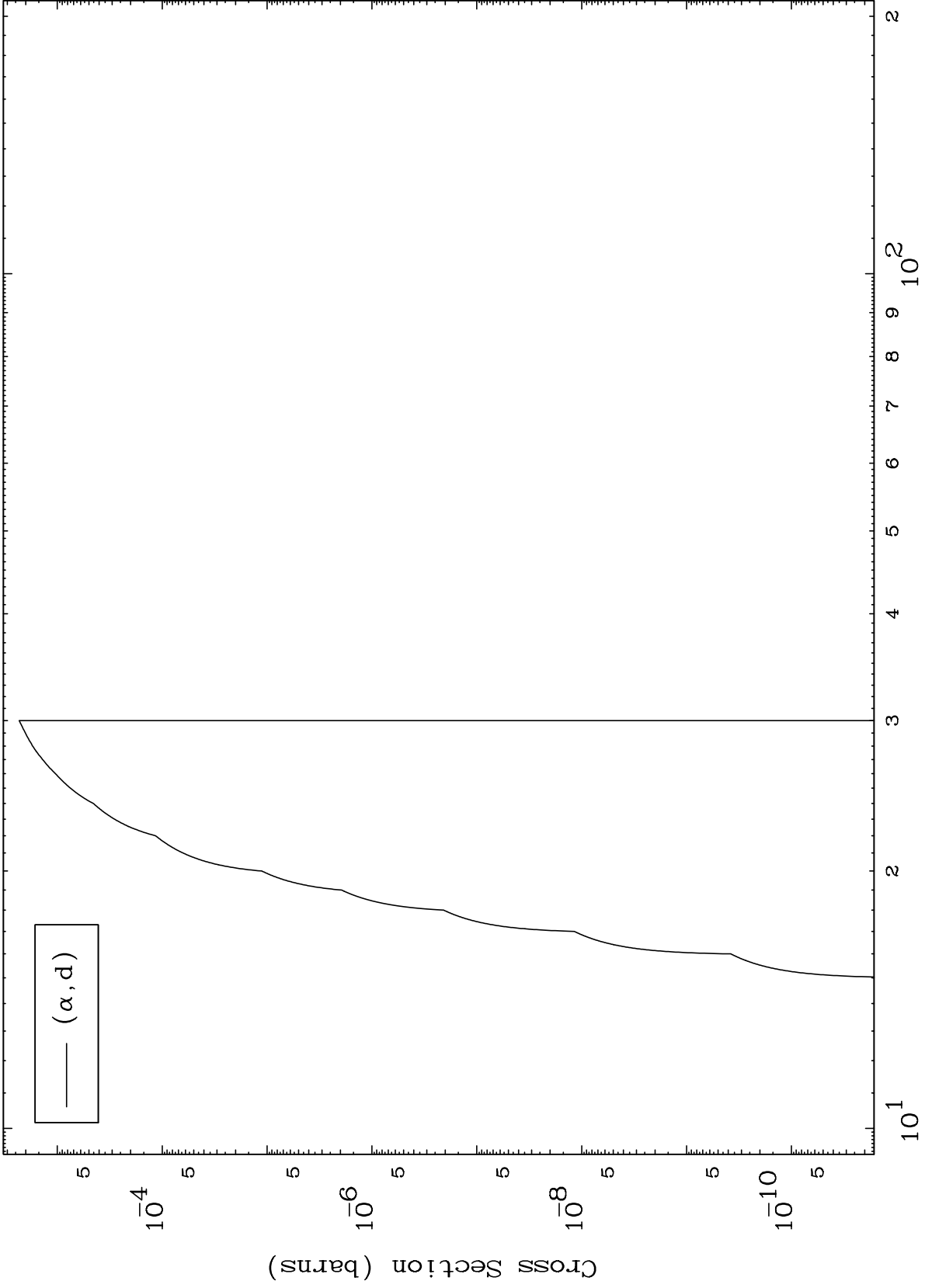


MAT 5947

( $\alpha, d$ ) Levels

59-Pr-148

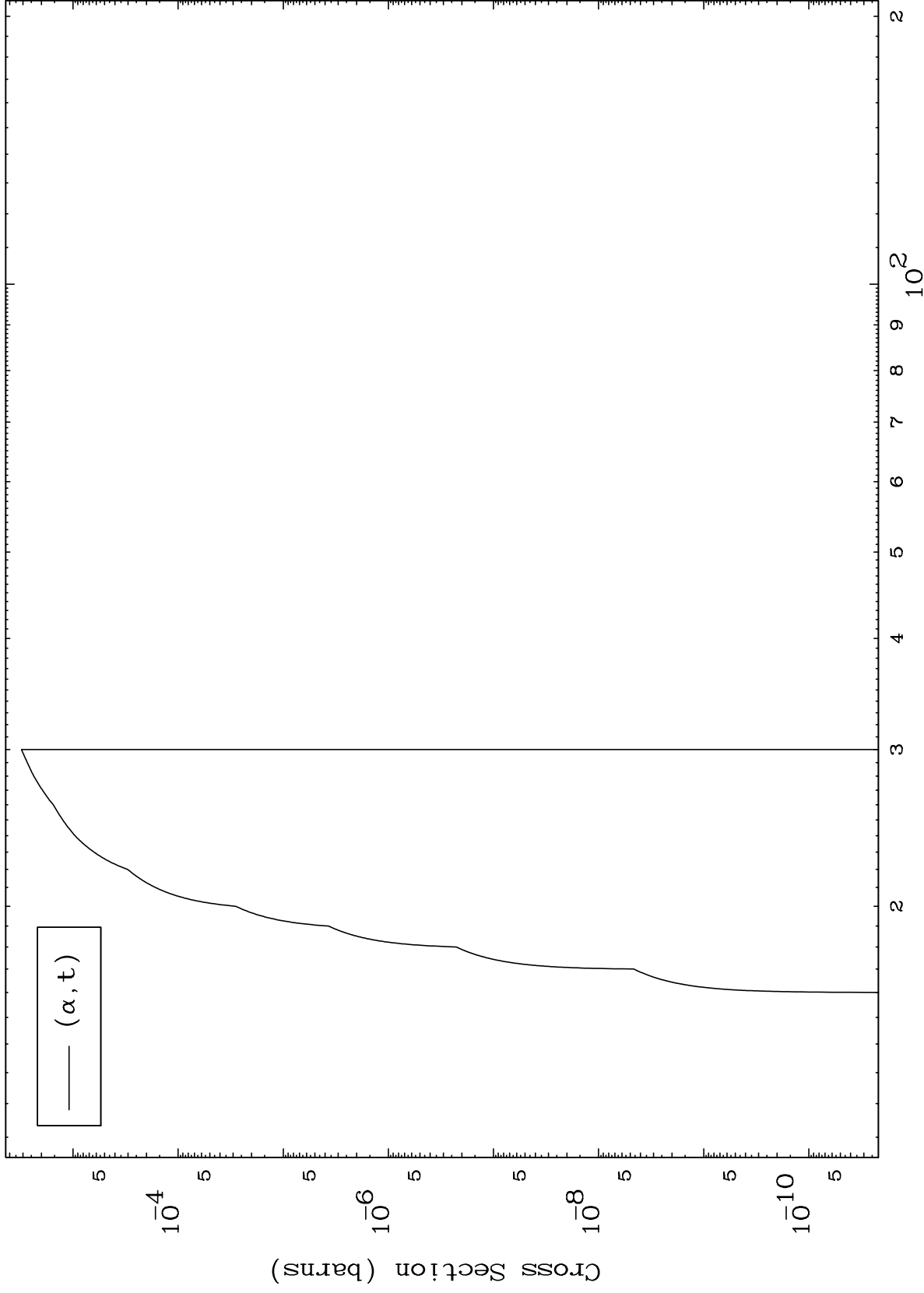
0 Kelvin Cross Sections

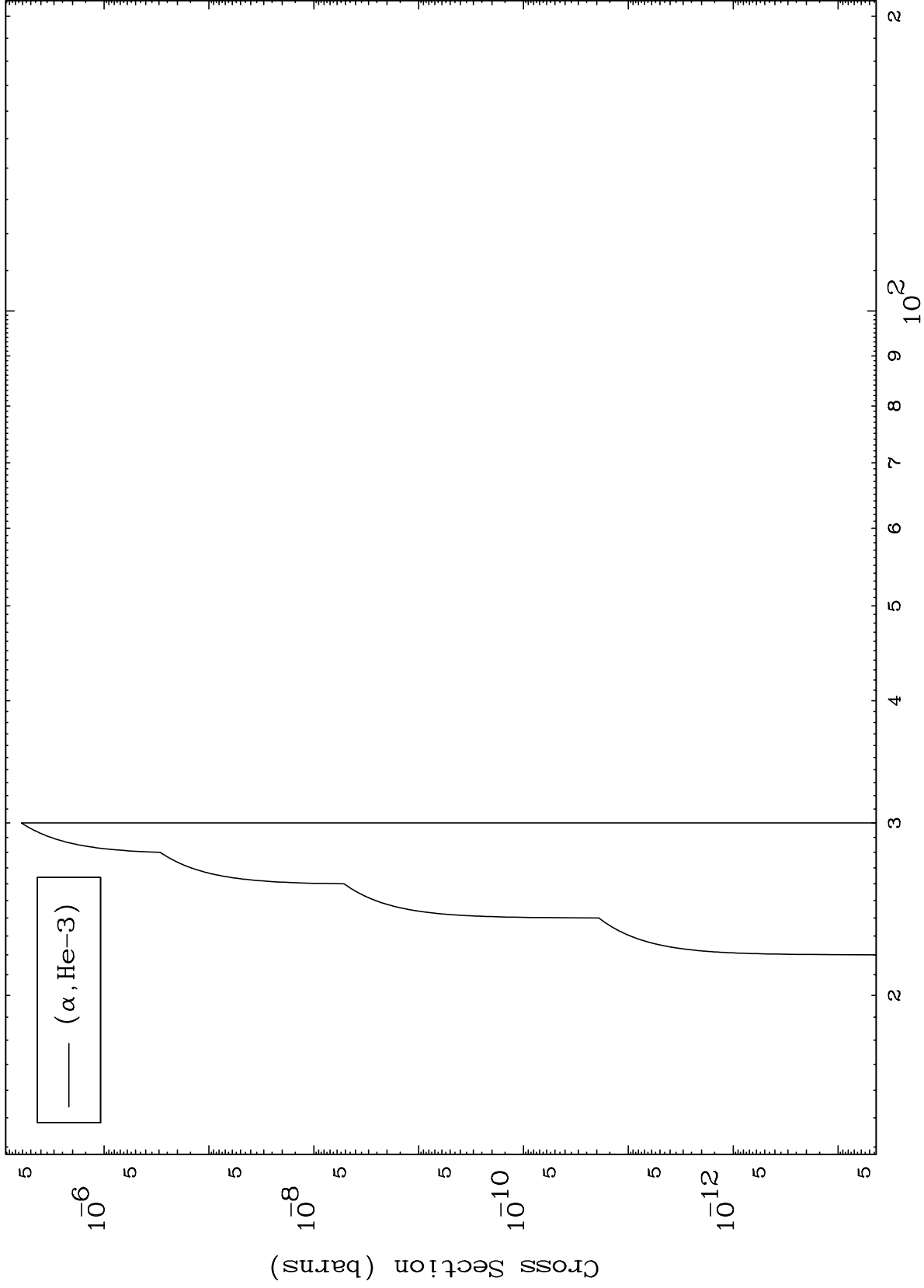


Incident Energy (MeV)

59-Pr-148





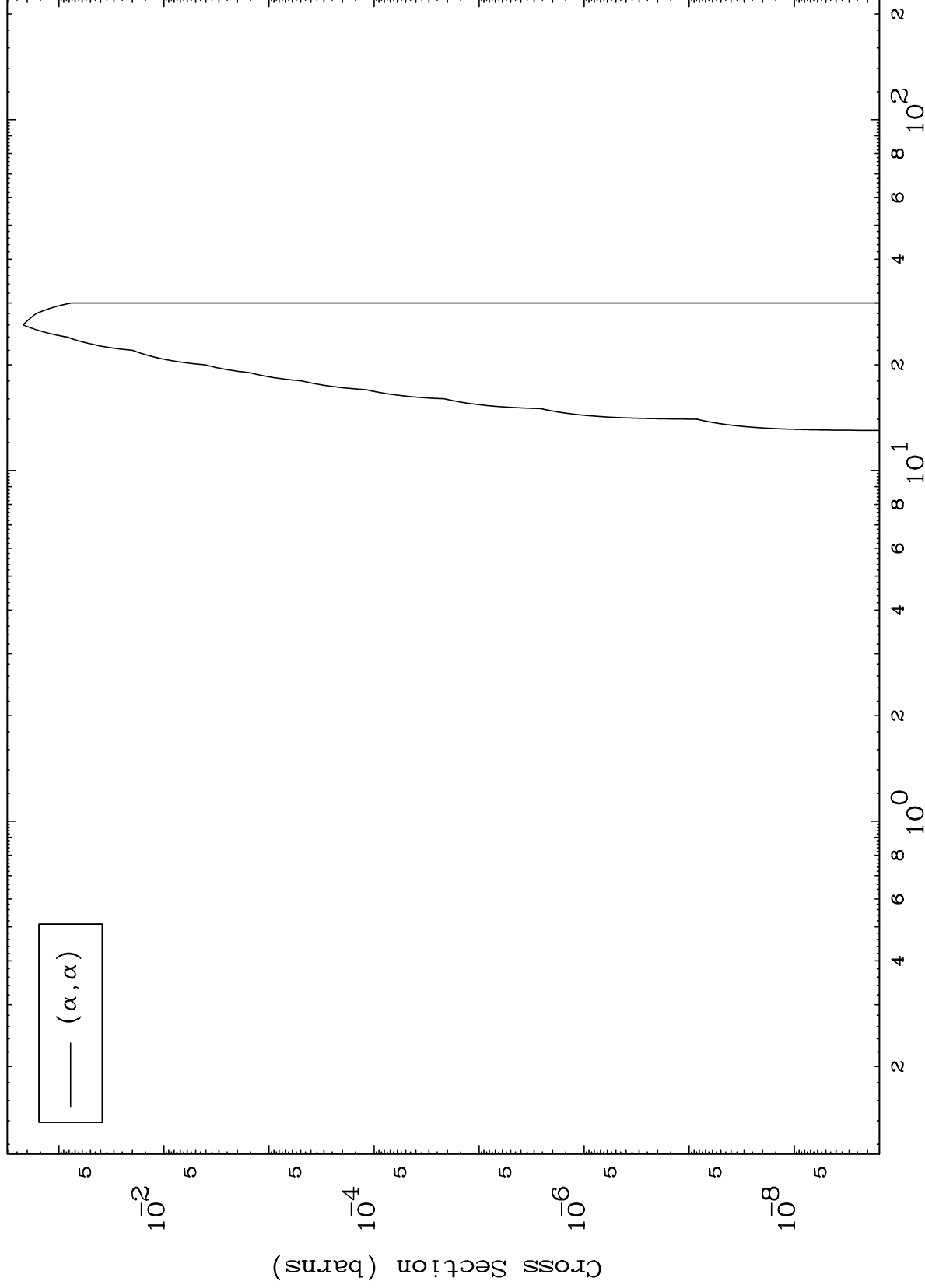


MAT 5947

( $\alpha, \alpha$ ) Levels

59-Pr-148

0 Kelvin Cross Sections



10

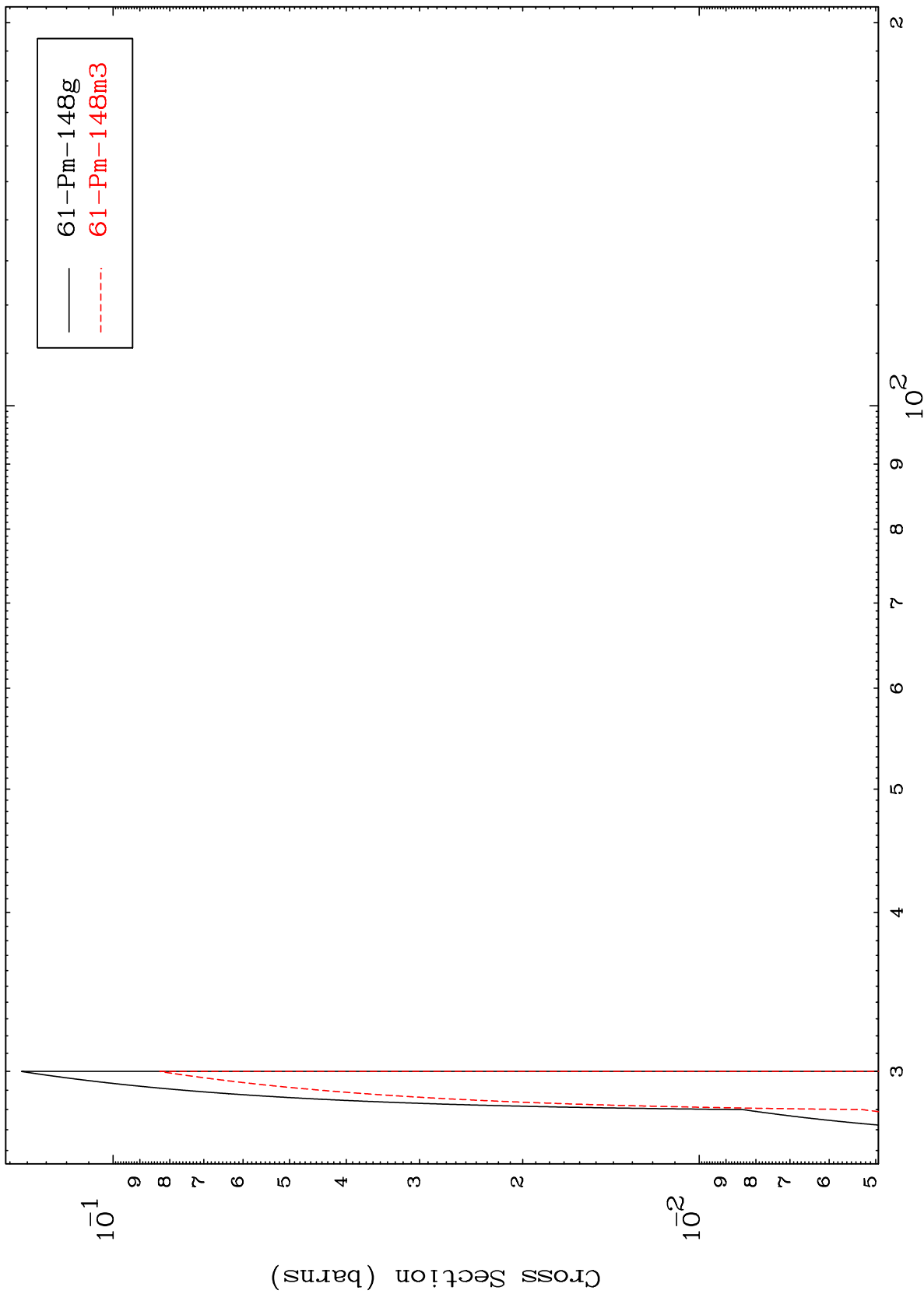
Incident Energy (MeV)

59-Pr-148

MAT 5947

59-Pr-148

( $\alpha, 4n$ )  
Radionuclide Production Cross Section



61-Pm-148g  
61-Pm-148m3

11

59-Pr-148

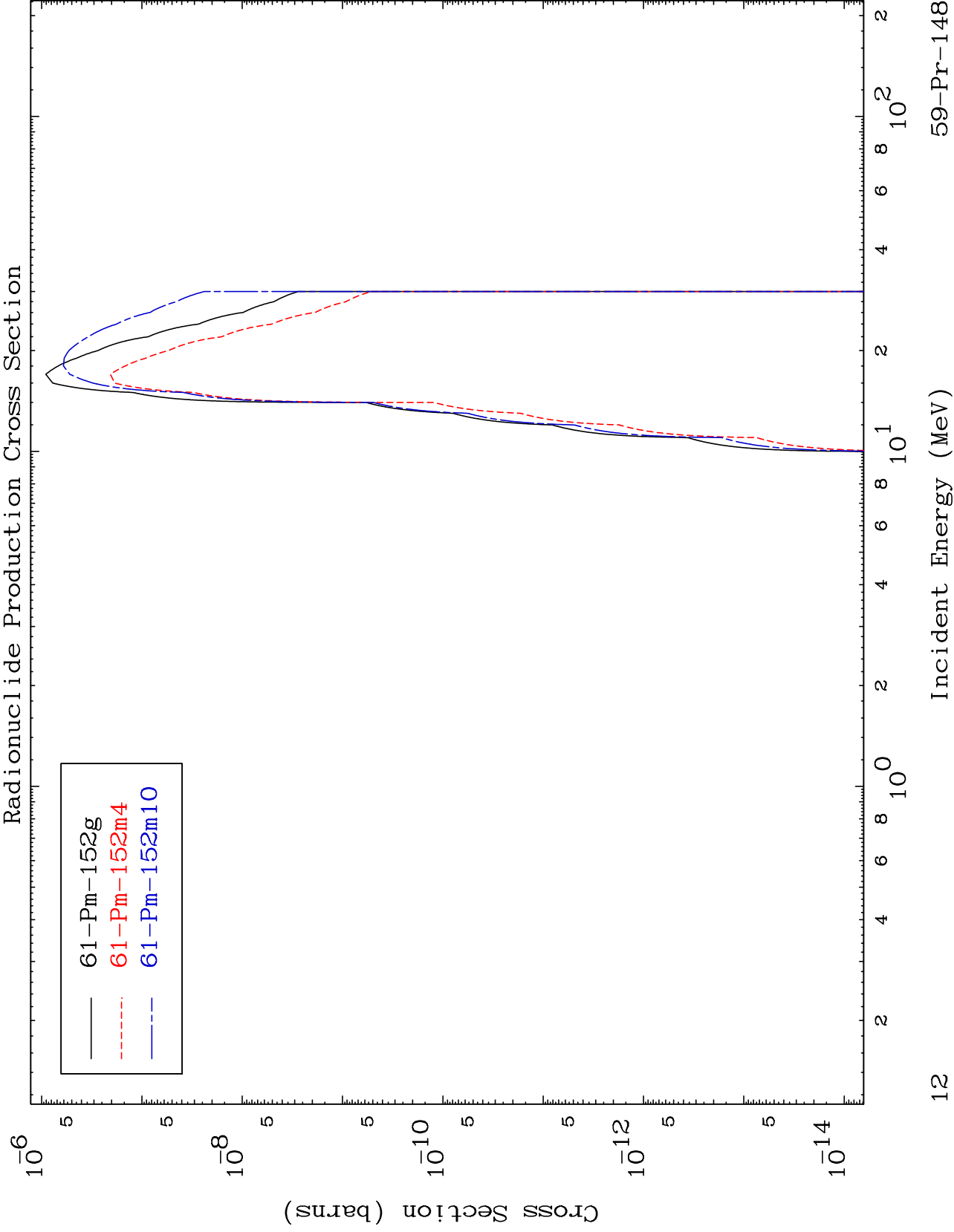
Incident Energy (MeV)

MAT 5947

( $\alpha, \gamma$ )

59-Pr-148

Radionuclide Production Cross Section



12

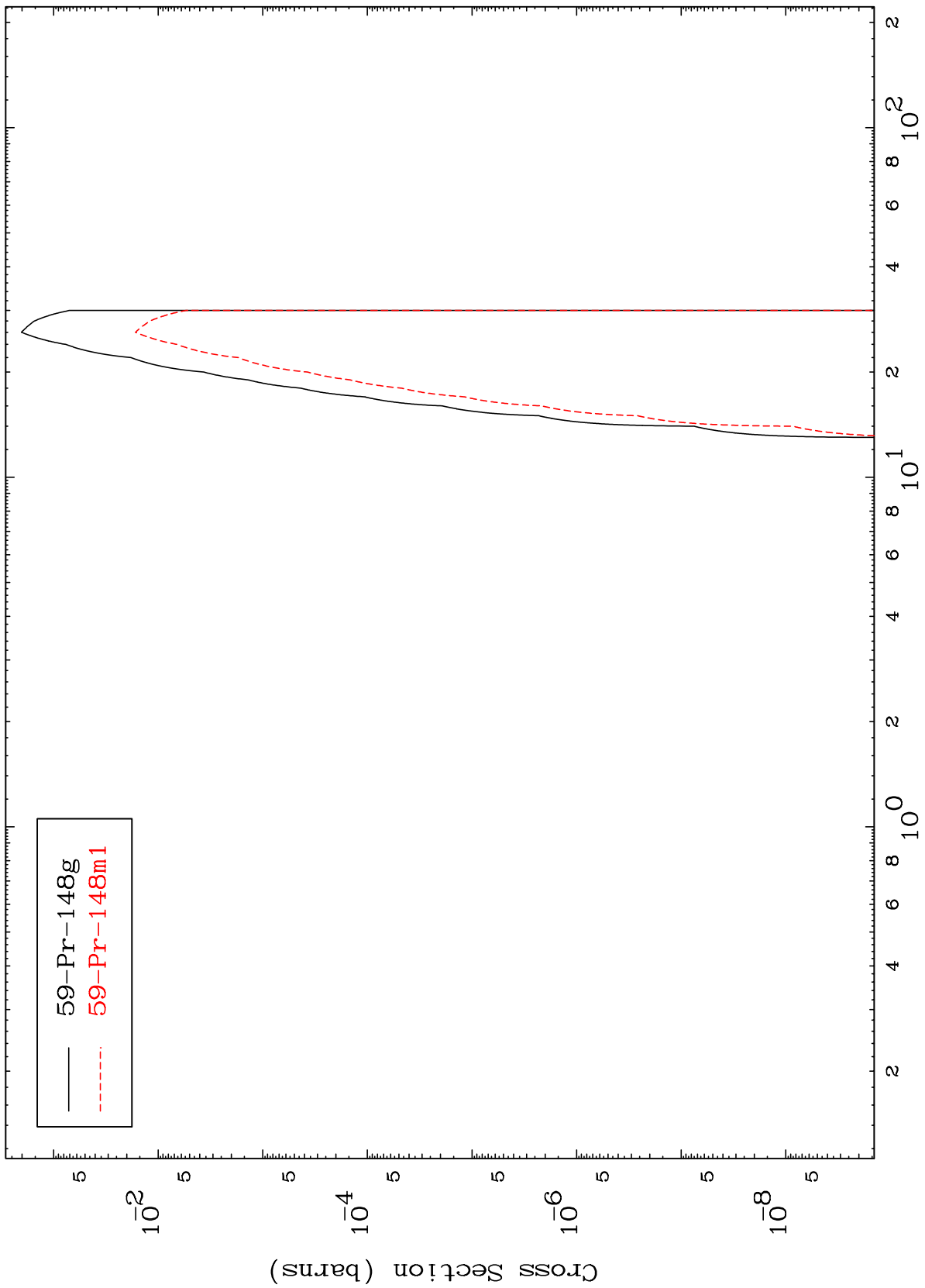
Incident Energy (MeV)

59-Pr-148

MAT 5947

59-Pr-148

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



59-Pr-148

Incident Energy (MeV)

13