

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

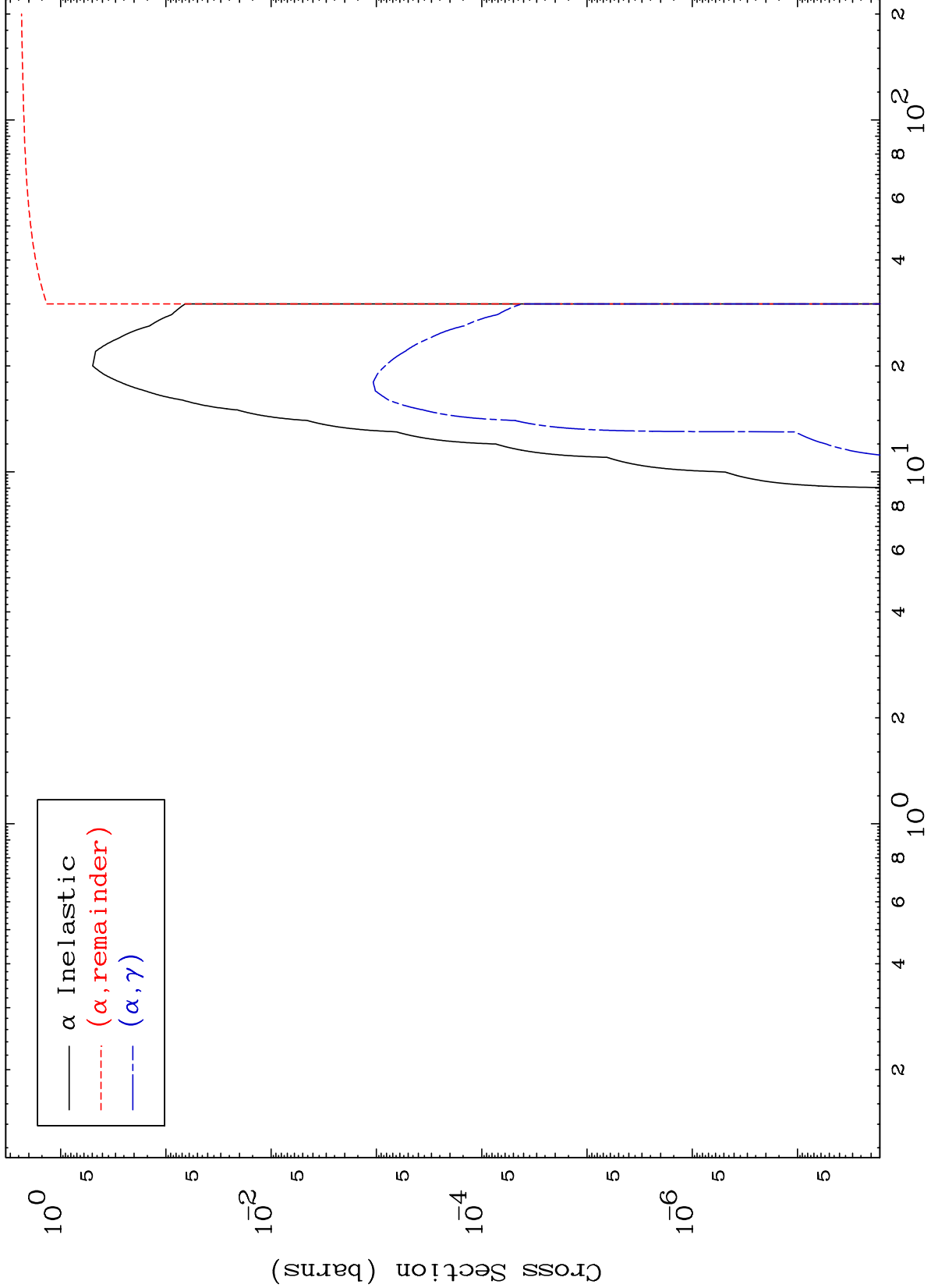
Press Mouse Button to Start

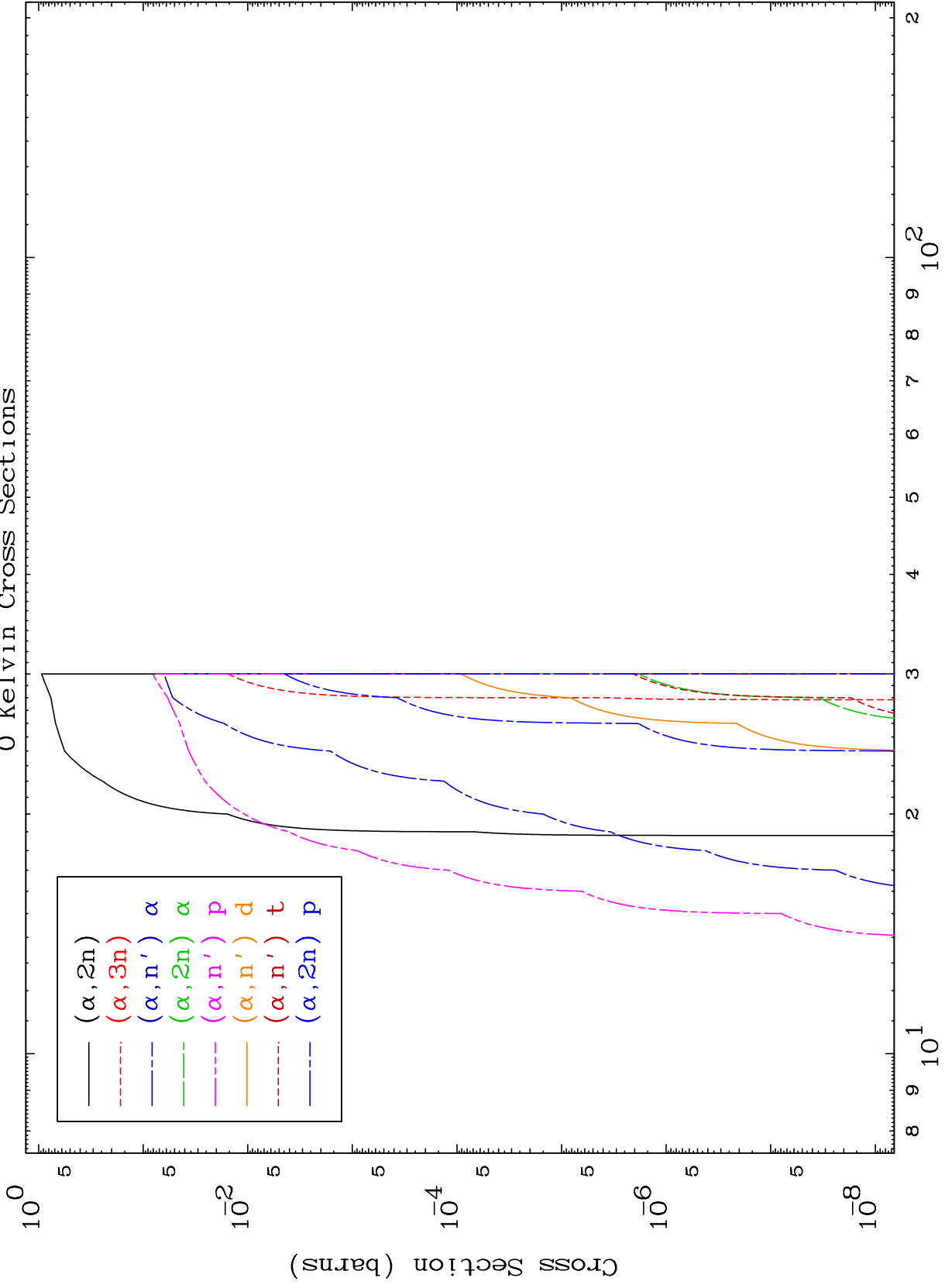
MAT 5917

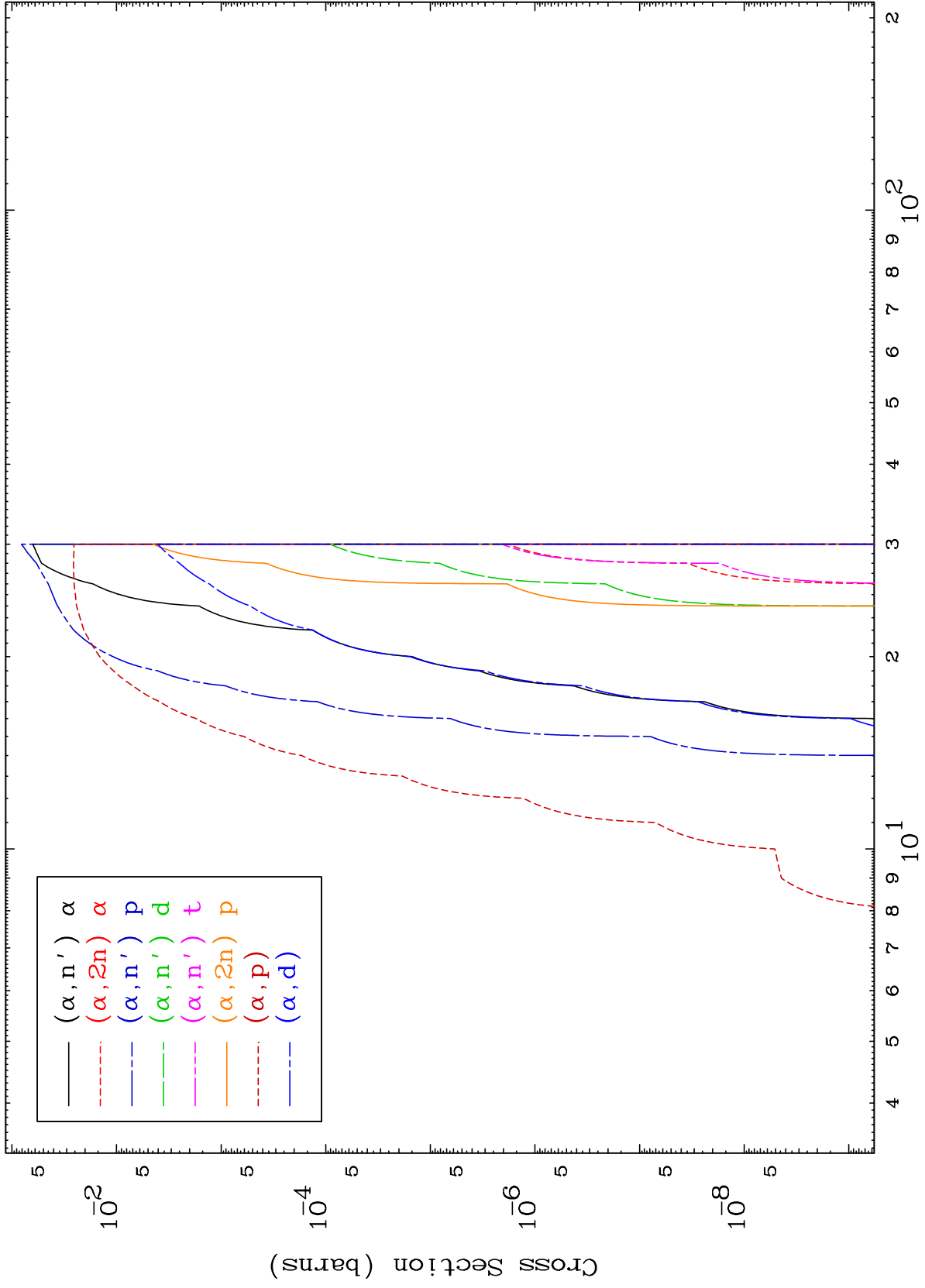
$\alpha$  Major

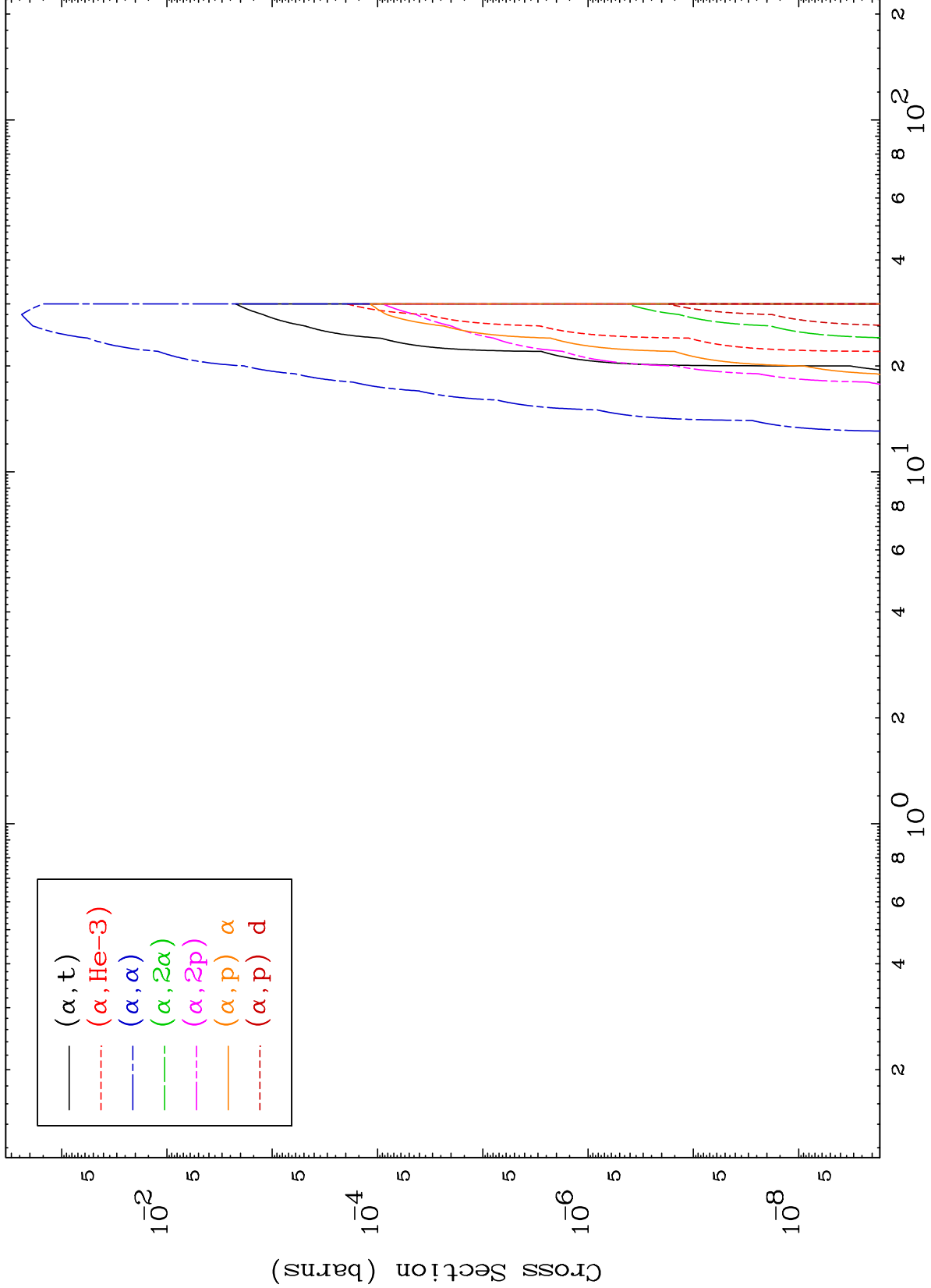
59-Pr-138

0 Kelvin Cross Sections

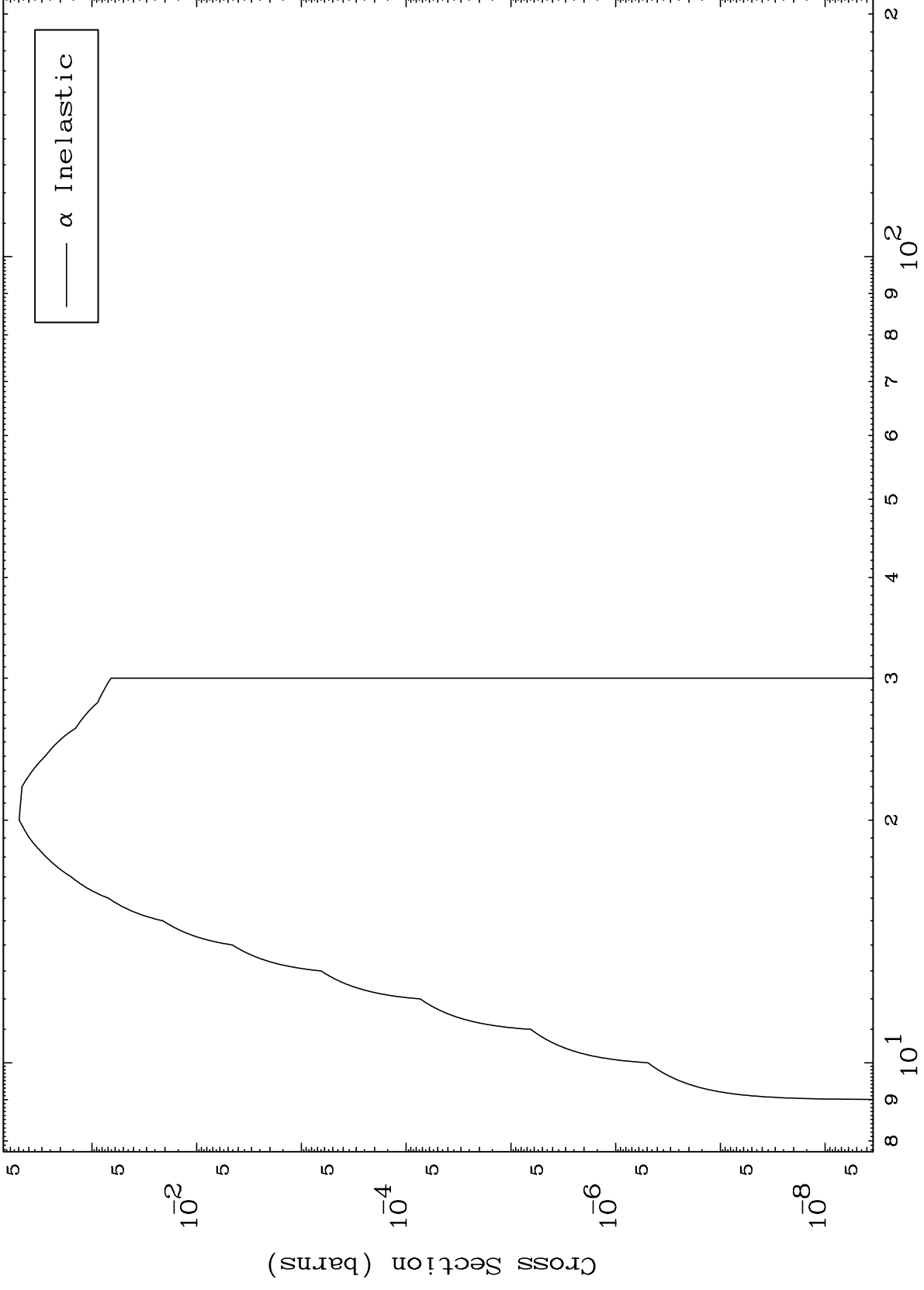








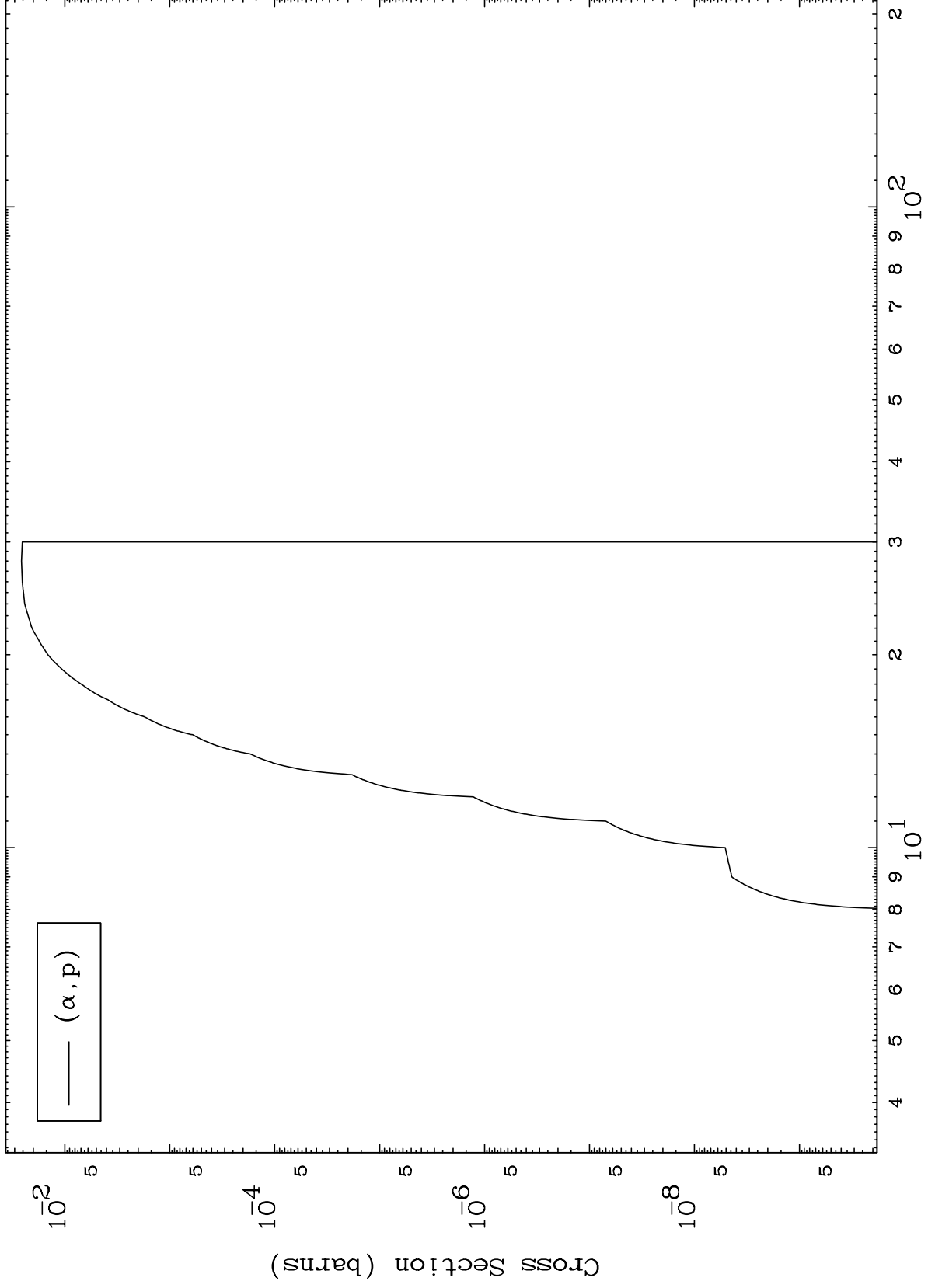
0 Kelvin Cross Sections



MAT 5917

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

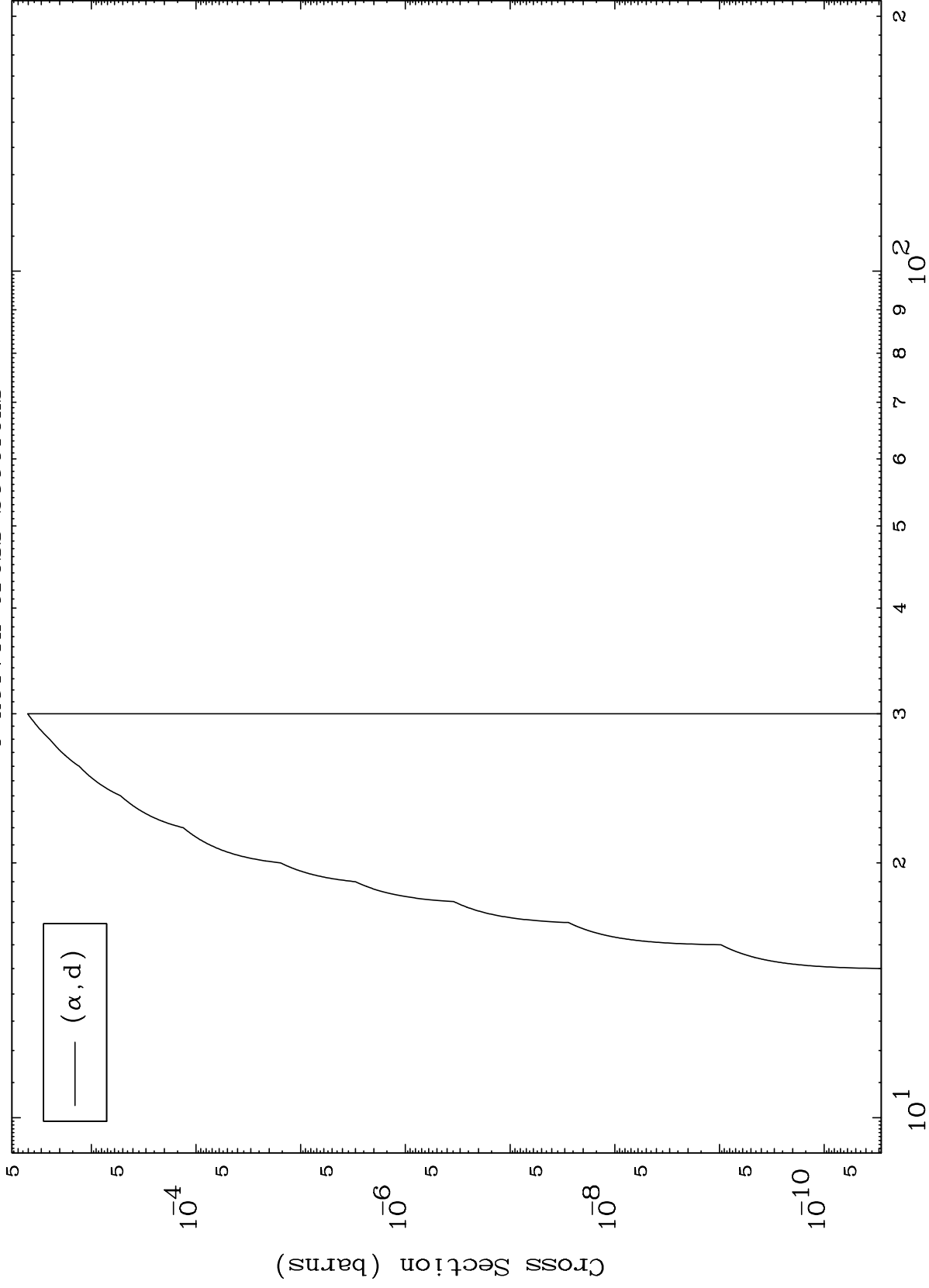
59-Pr-138



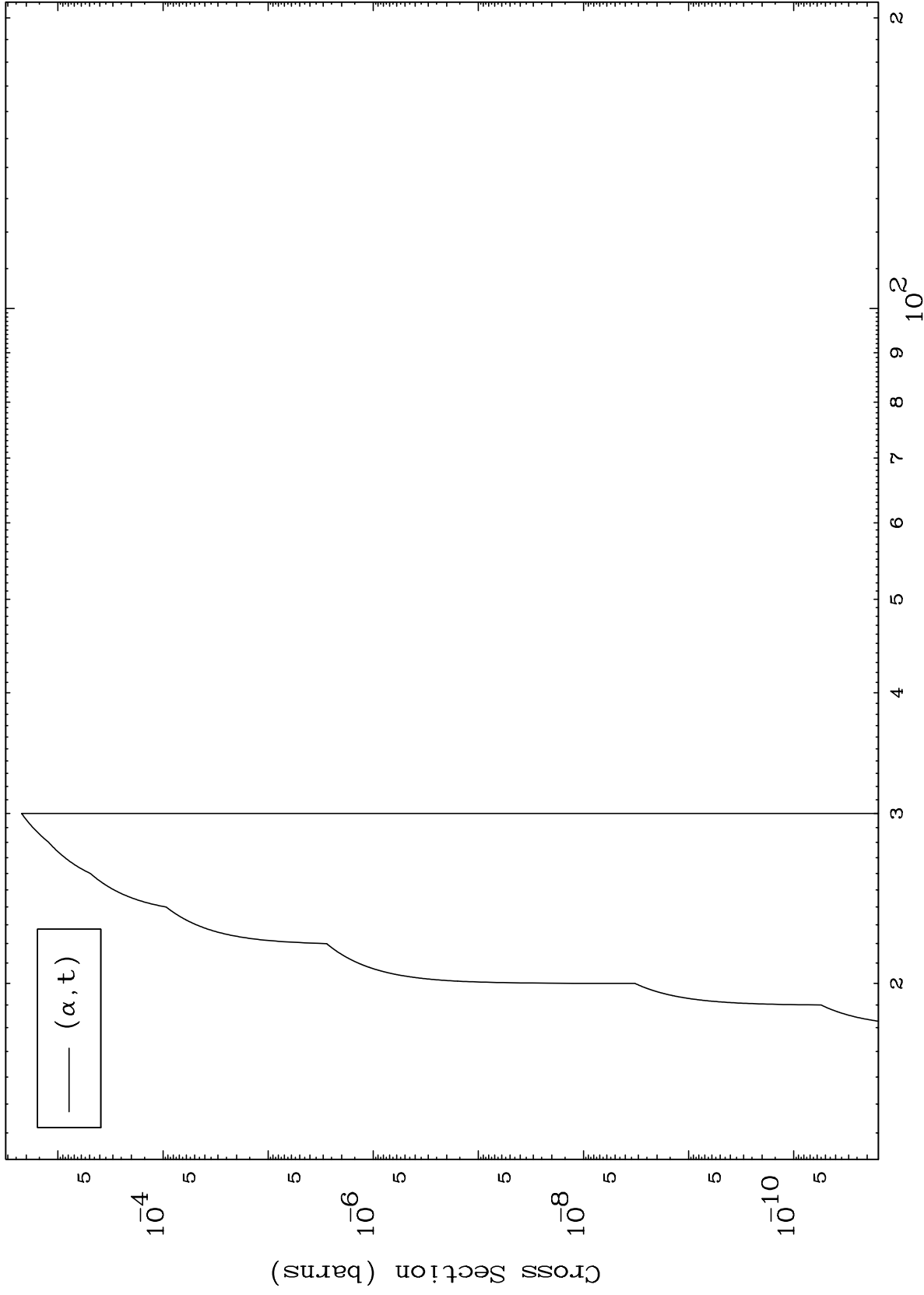
6

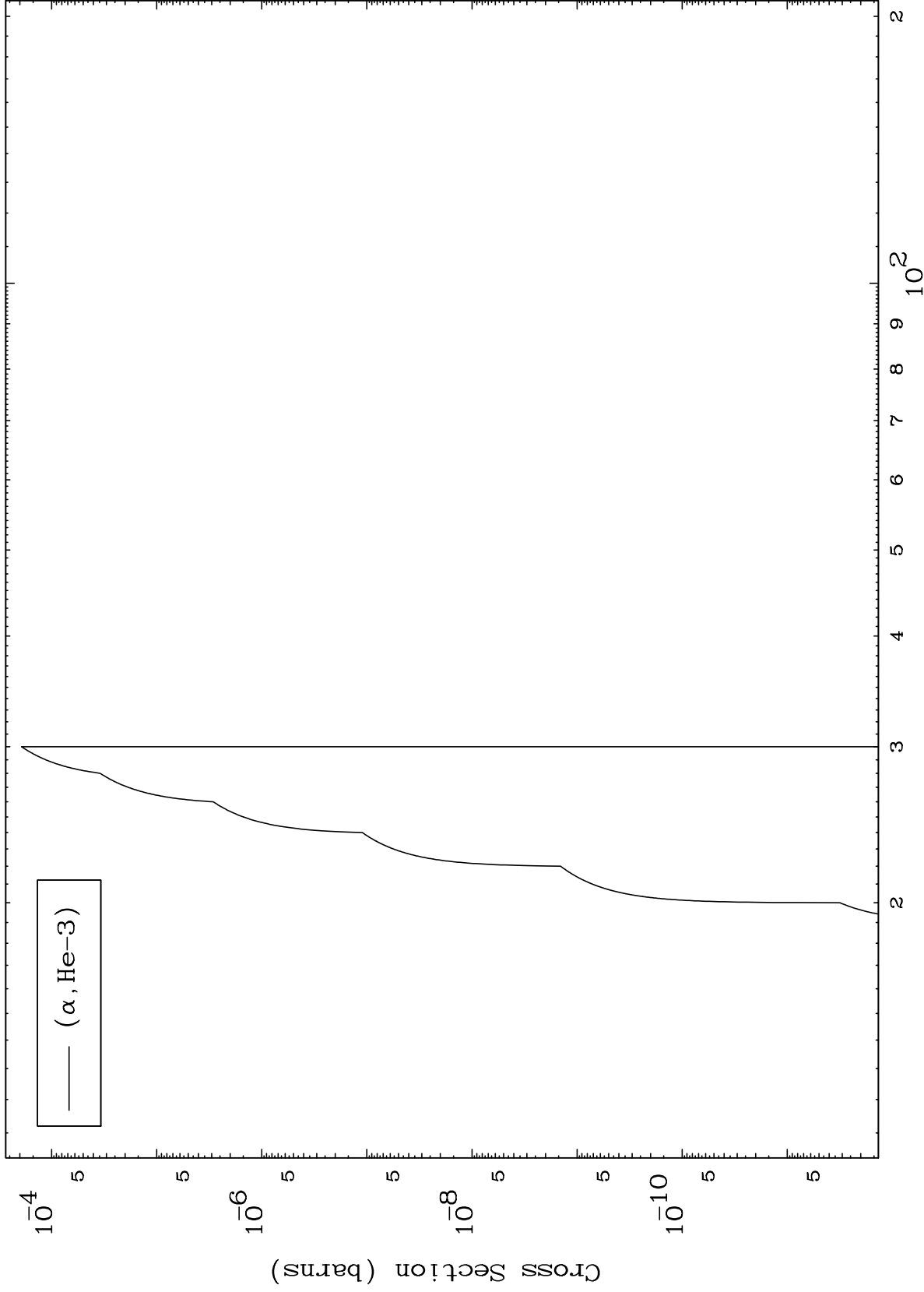
Incident Energy (MeV)

59-Pr-138







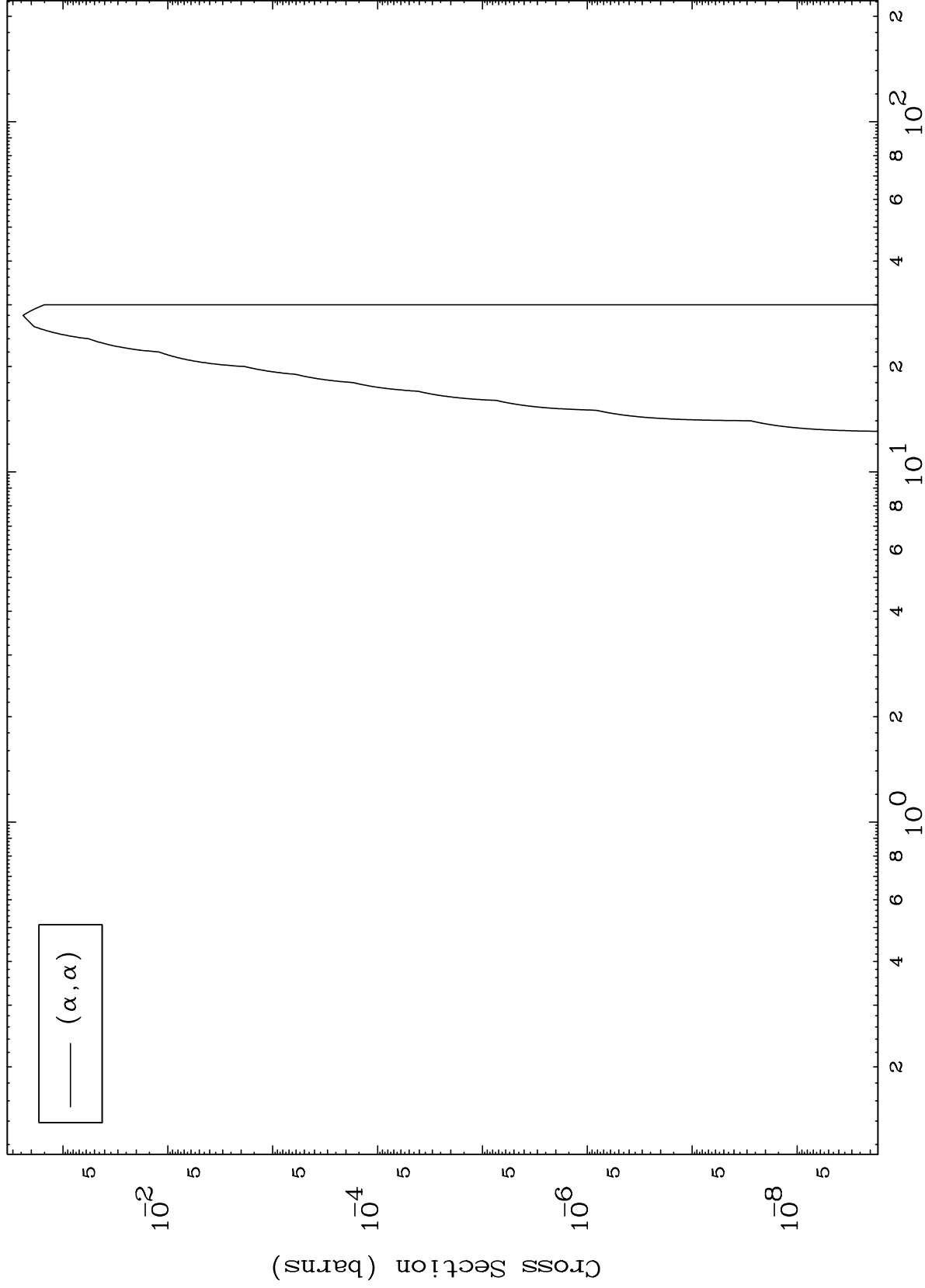


MAT 5917

( $\alpha, \alpha$ ) Levels

59-Pr-138

0 Kelvin Cross Sections



10

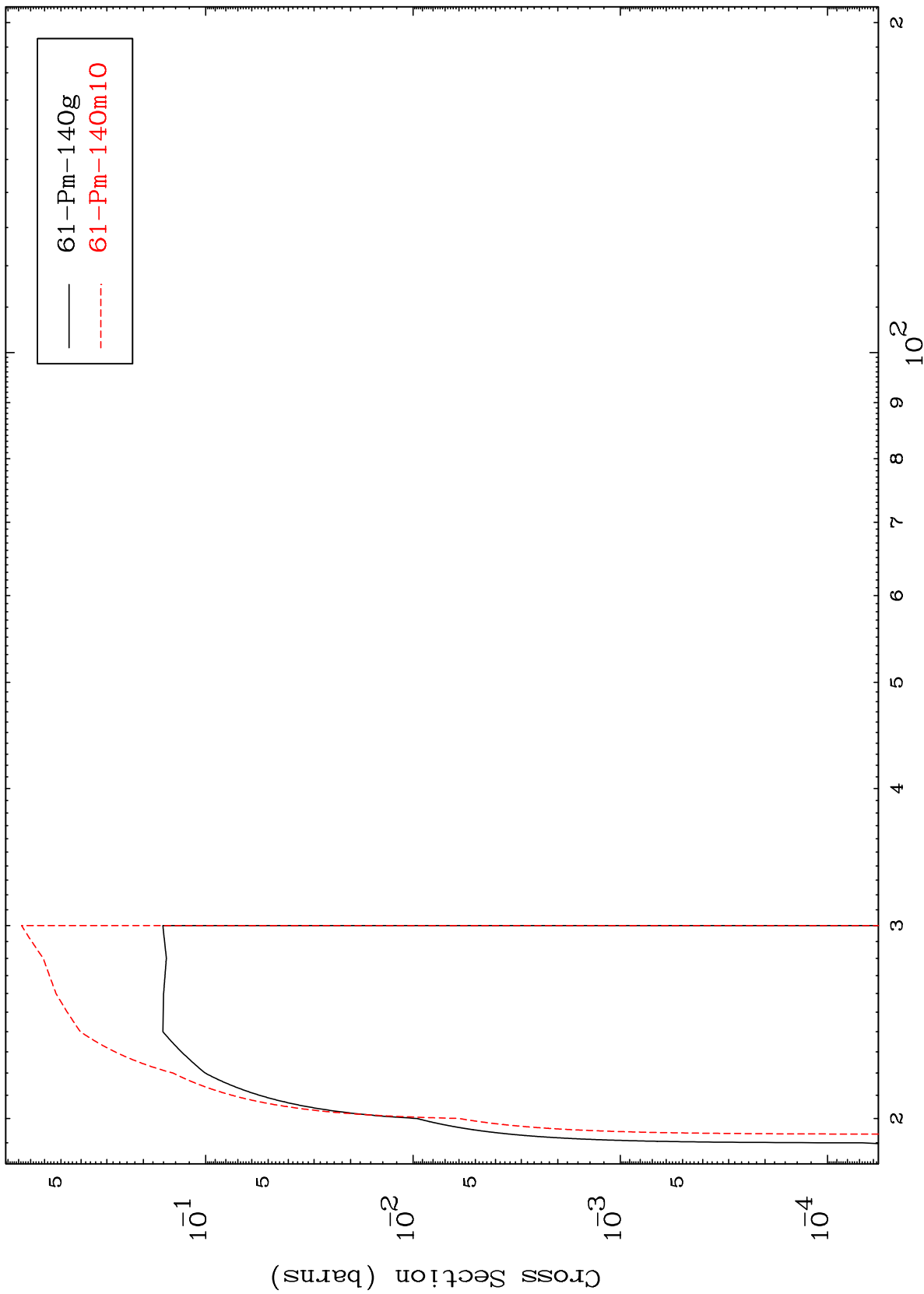
Incident Energy (MeV)

59-Pr-138

MAT 5917

59-Pr-138

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



59-Pr-138

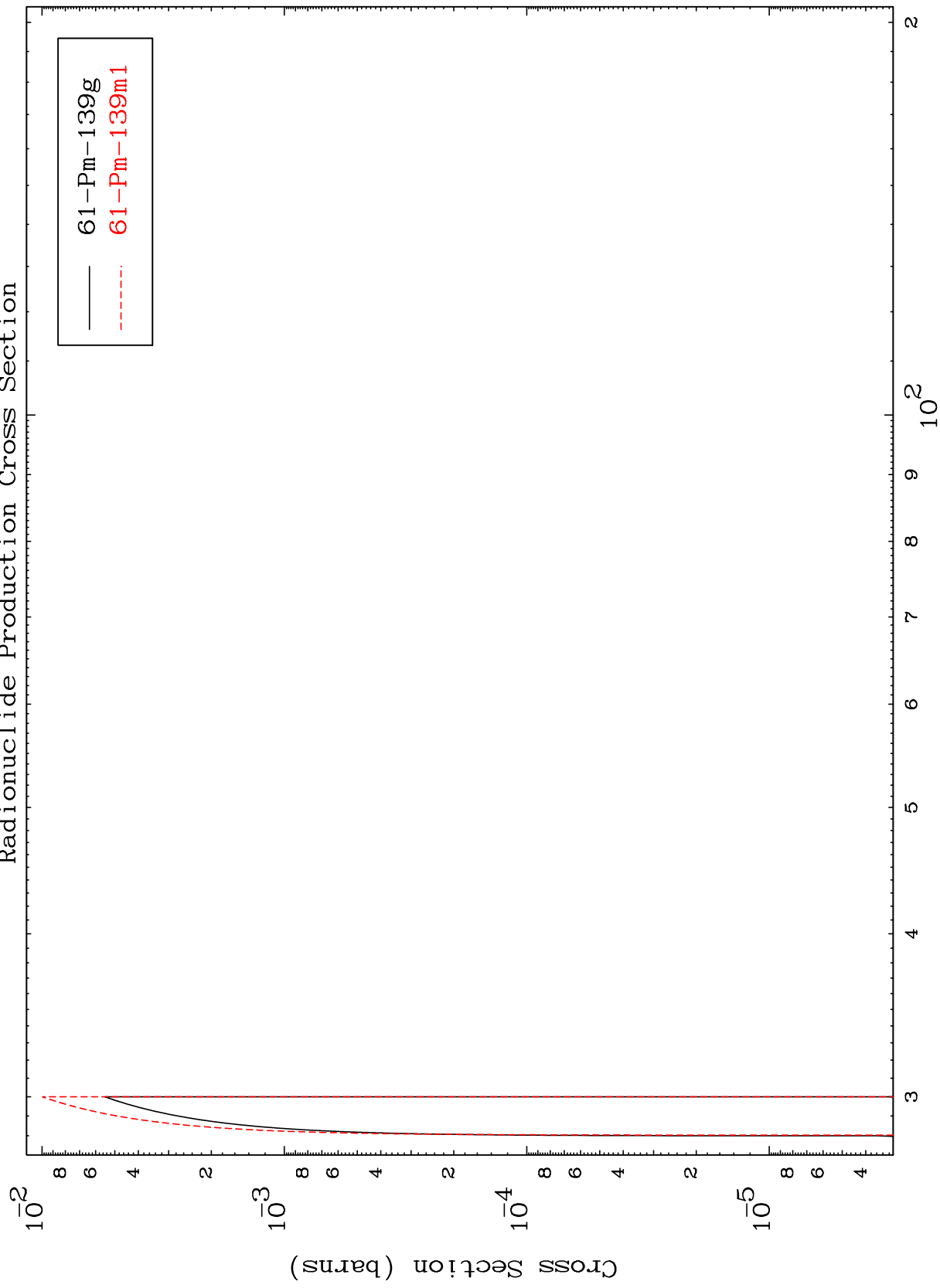
Incident Energy (MeV)

11

MAT 5917

59-Pr-138

( $\alpha, 3n$ )  
Radionuclide Production Cross Section

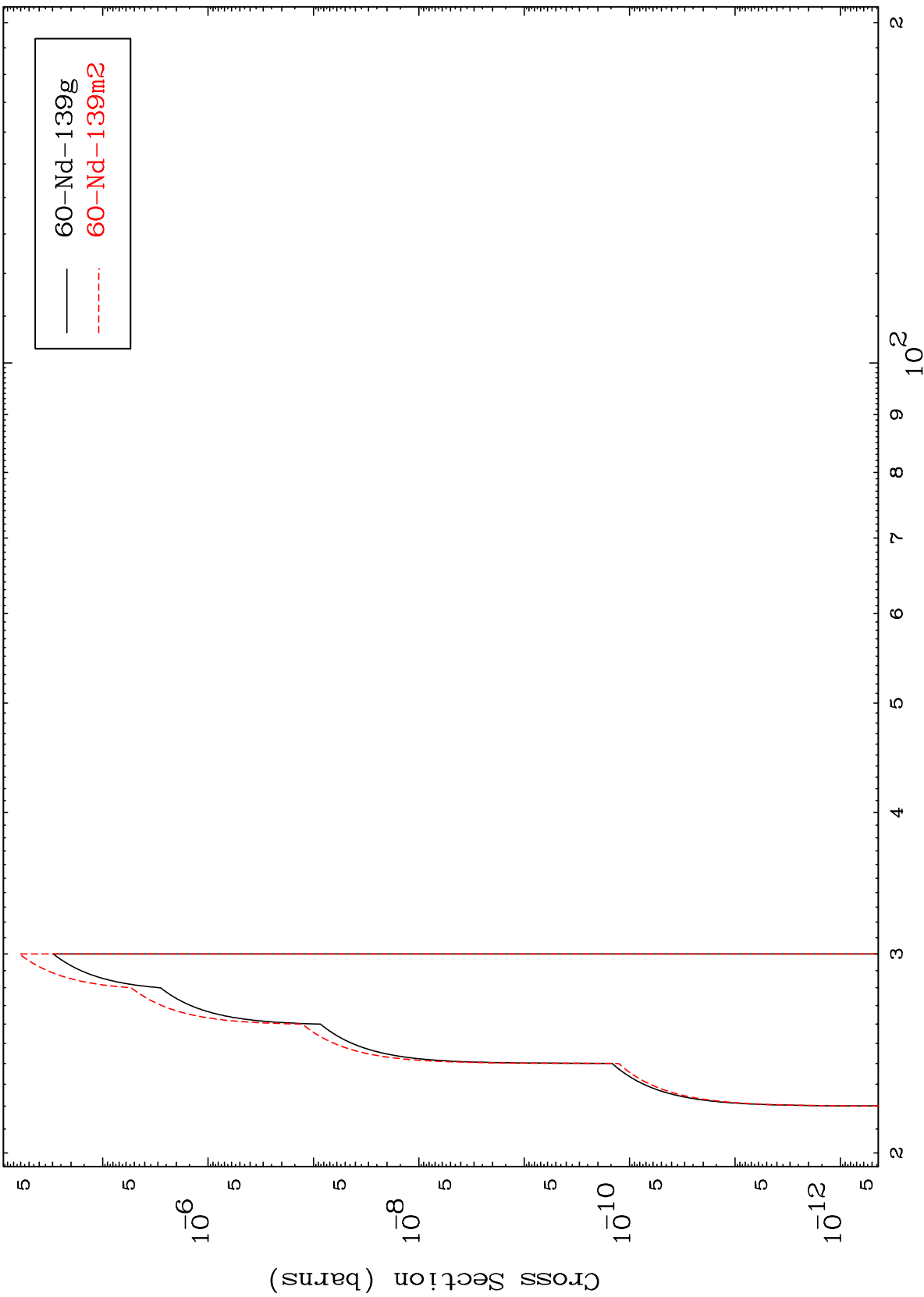


59-Pr-138

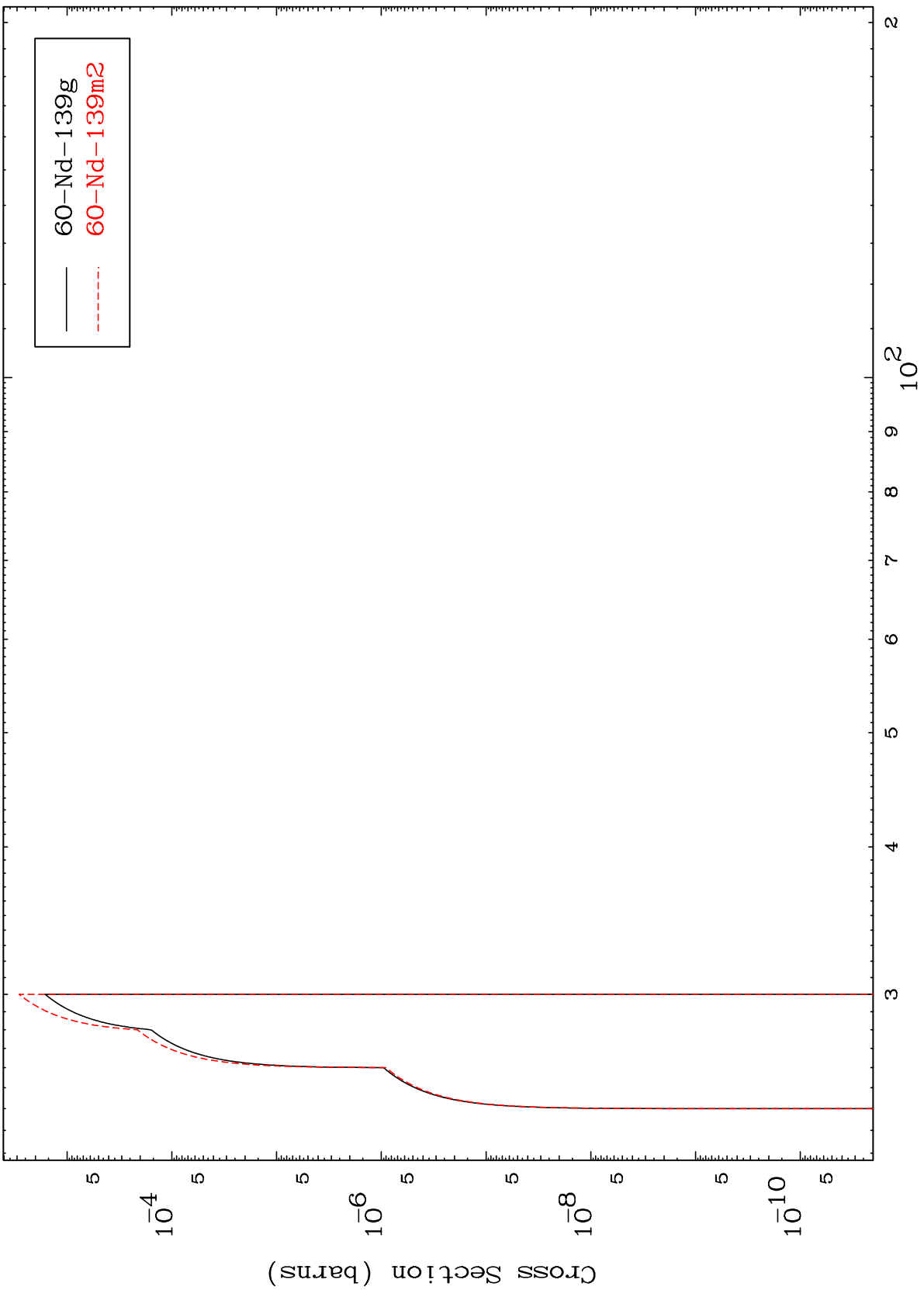
Incident Energy (MeV)

12

Radionuclide Production Cross Section



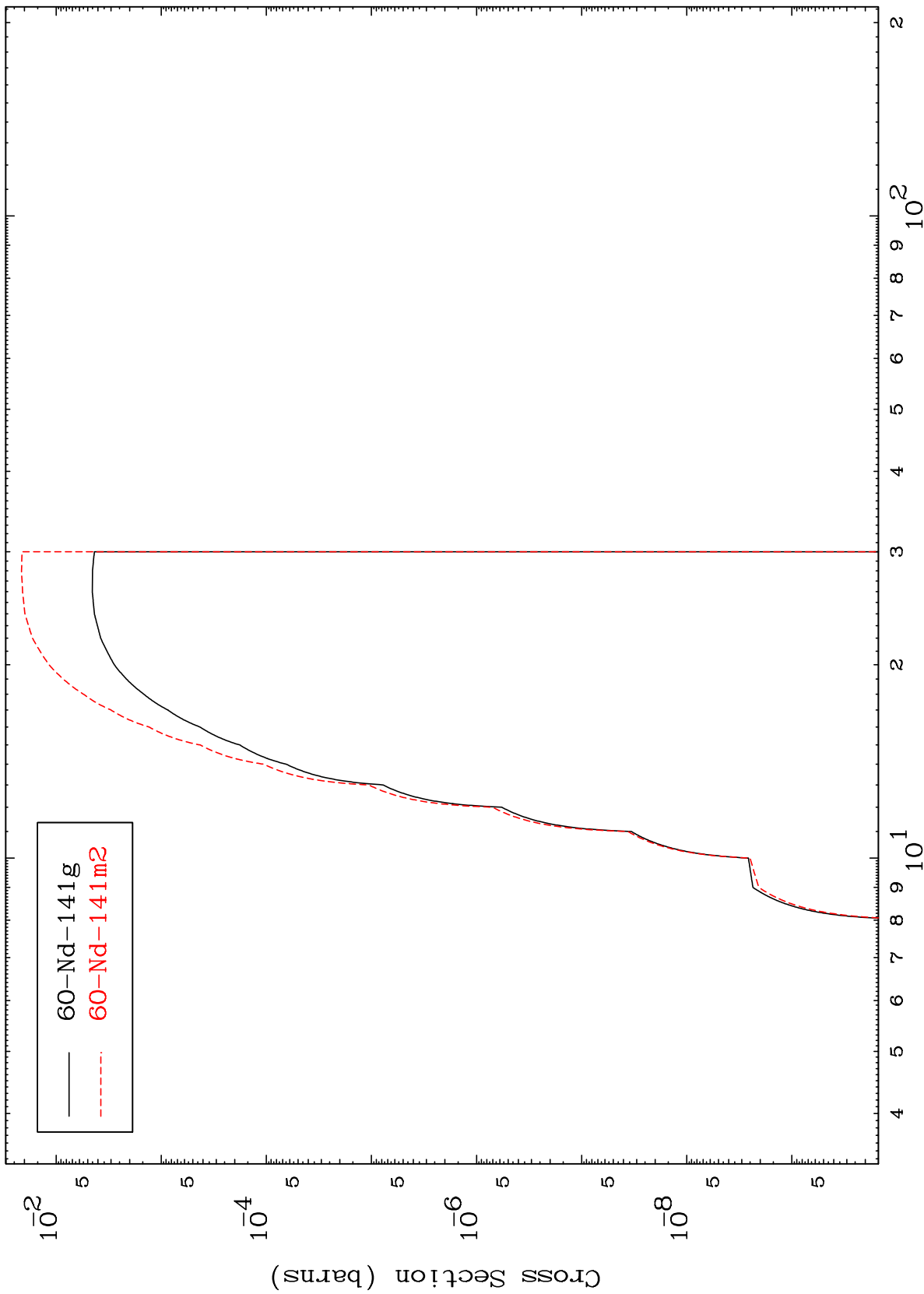
Radionuclide Production Cross Section



MAT 5917

59-Pr-138

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



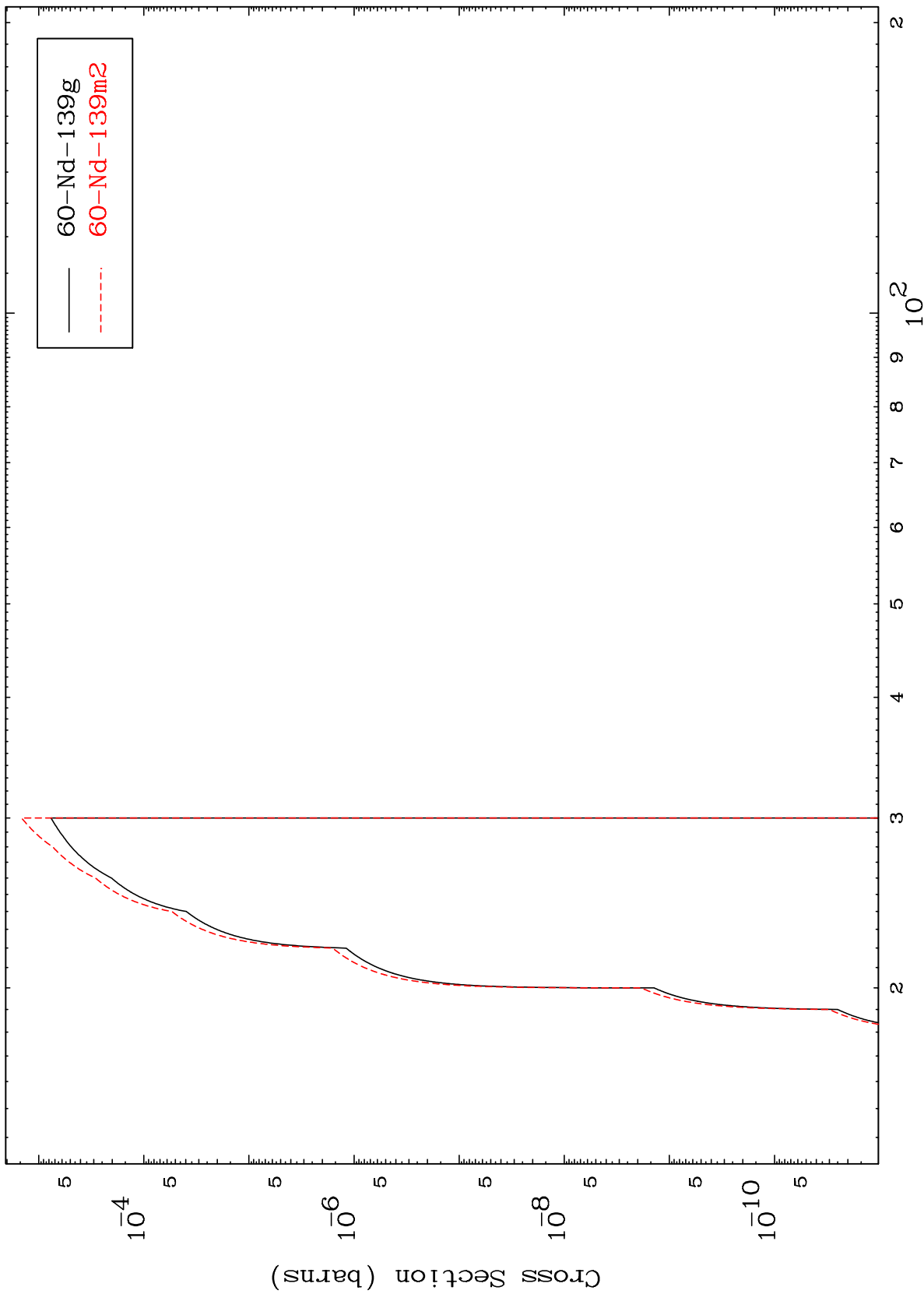
59-Pr-138

Incident Energy (MeV)

15



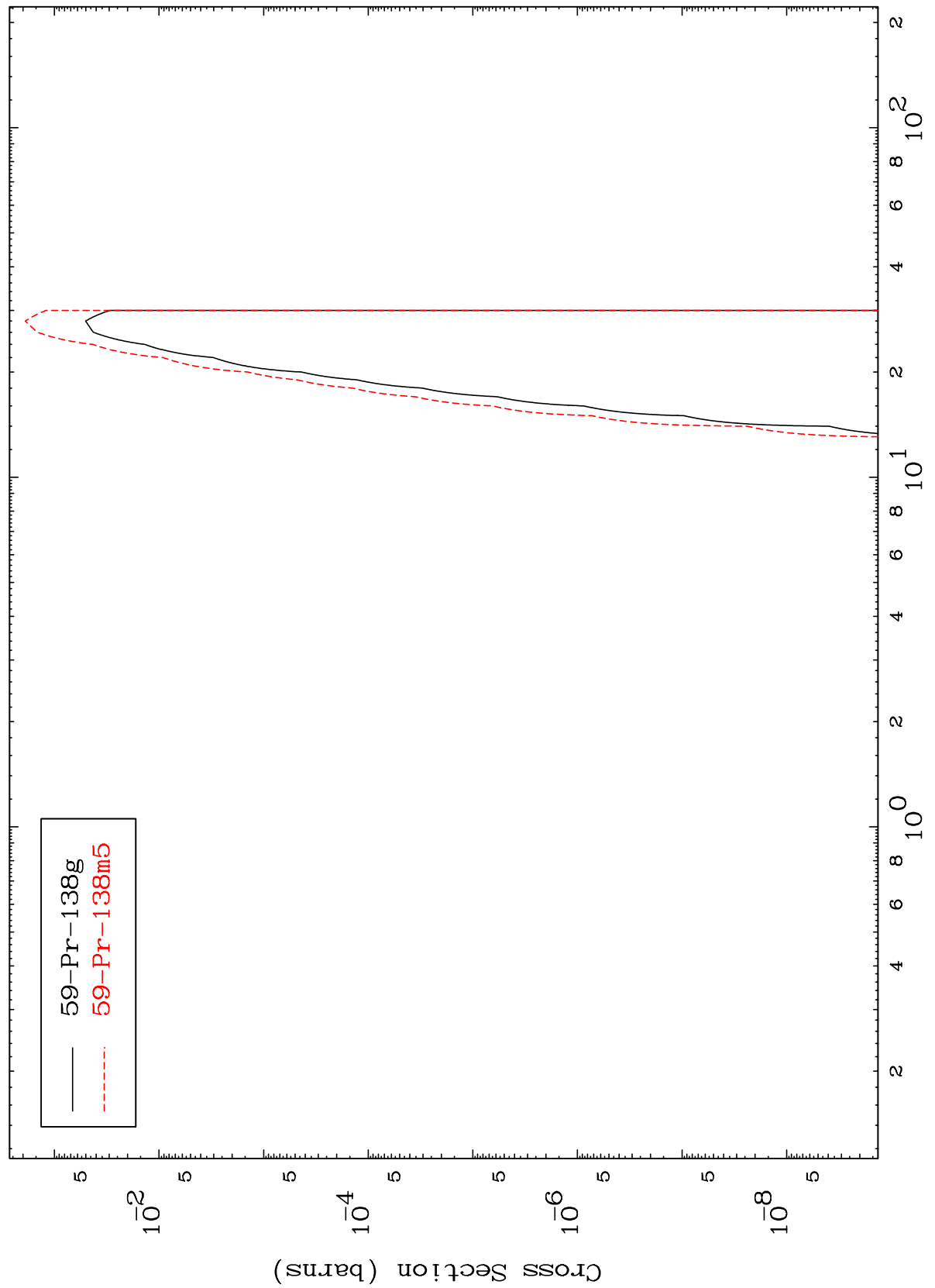
( $\alpha, t$ )  
Radionuclide Production Cross Section



MAT 5917

59-Pr-138

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



17

59-Pr-138

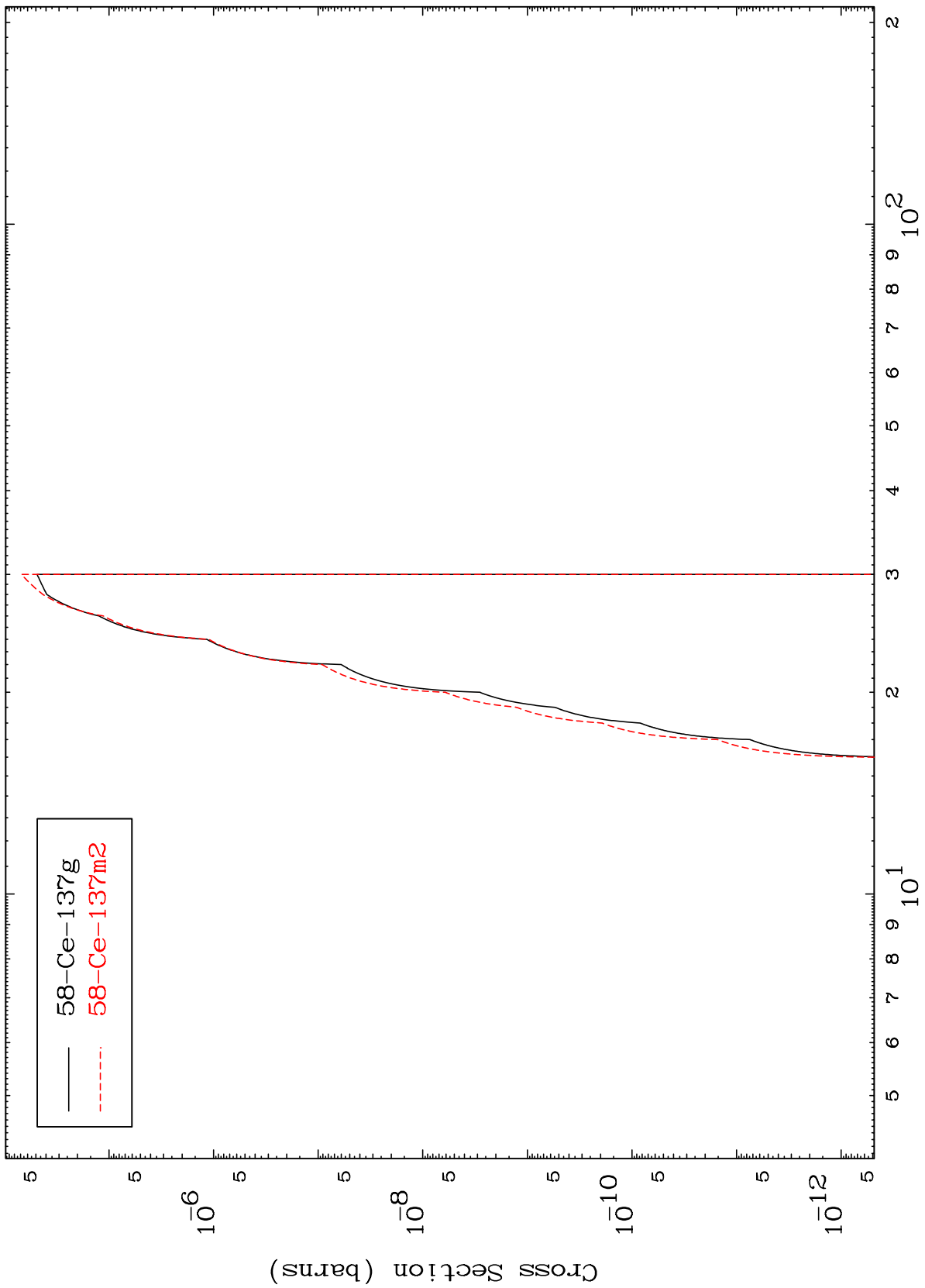
Incident Energy (MeV)

MAT 5917

( $\alpha, p$ )  $\alpha$

59-Pr-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

59-Pr-138