

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

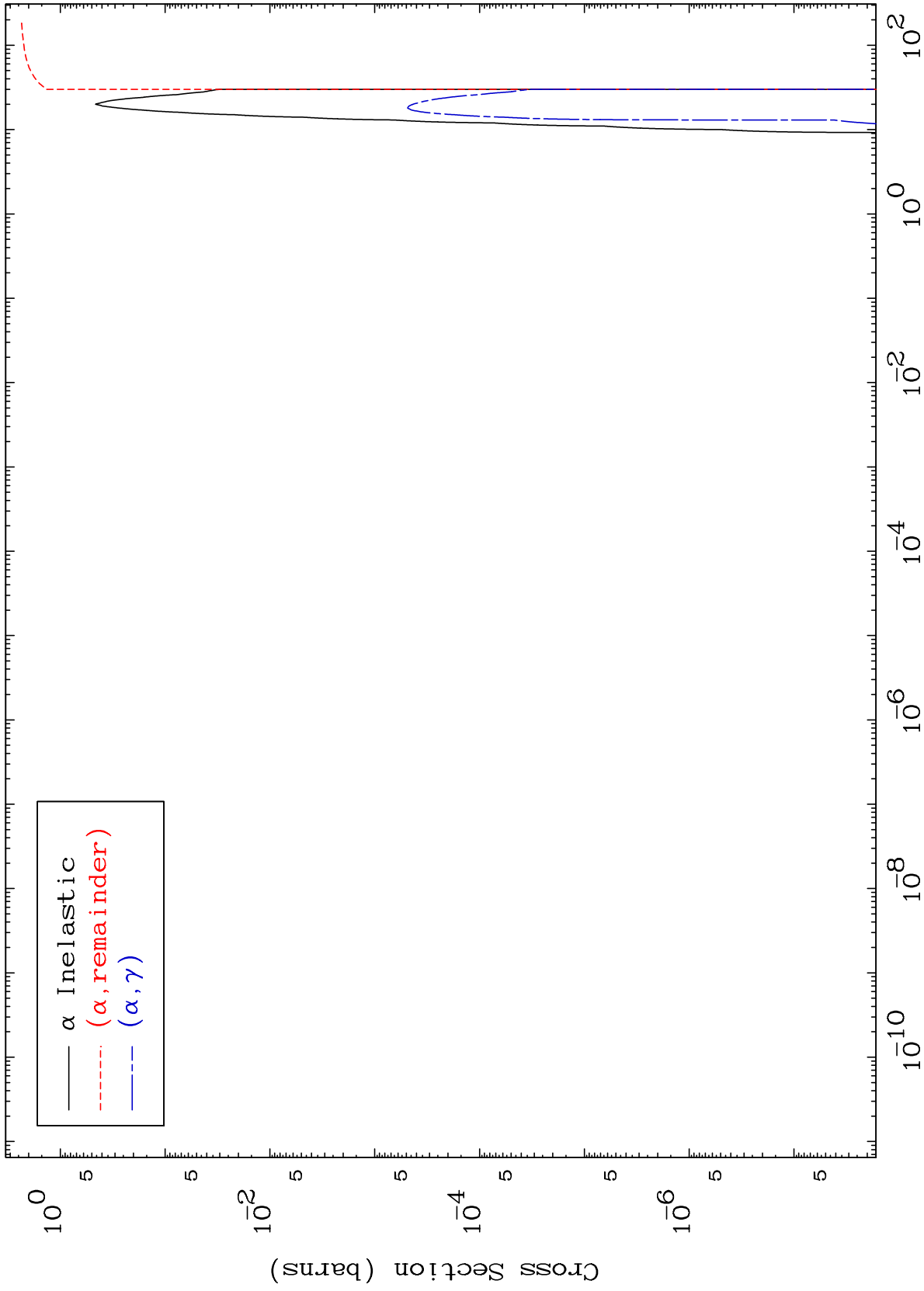
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5917

0 Kelvin  $\alpha$  Major  
Cross Sections

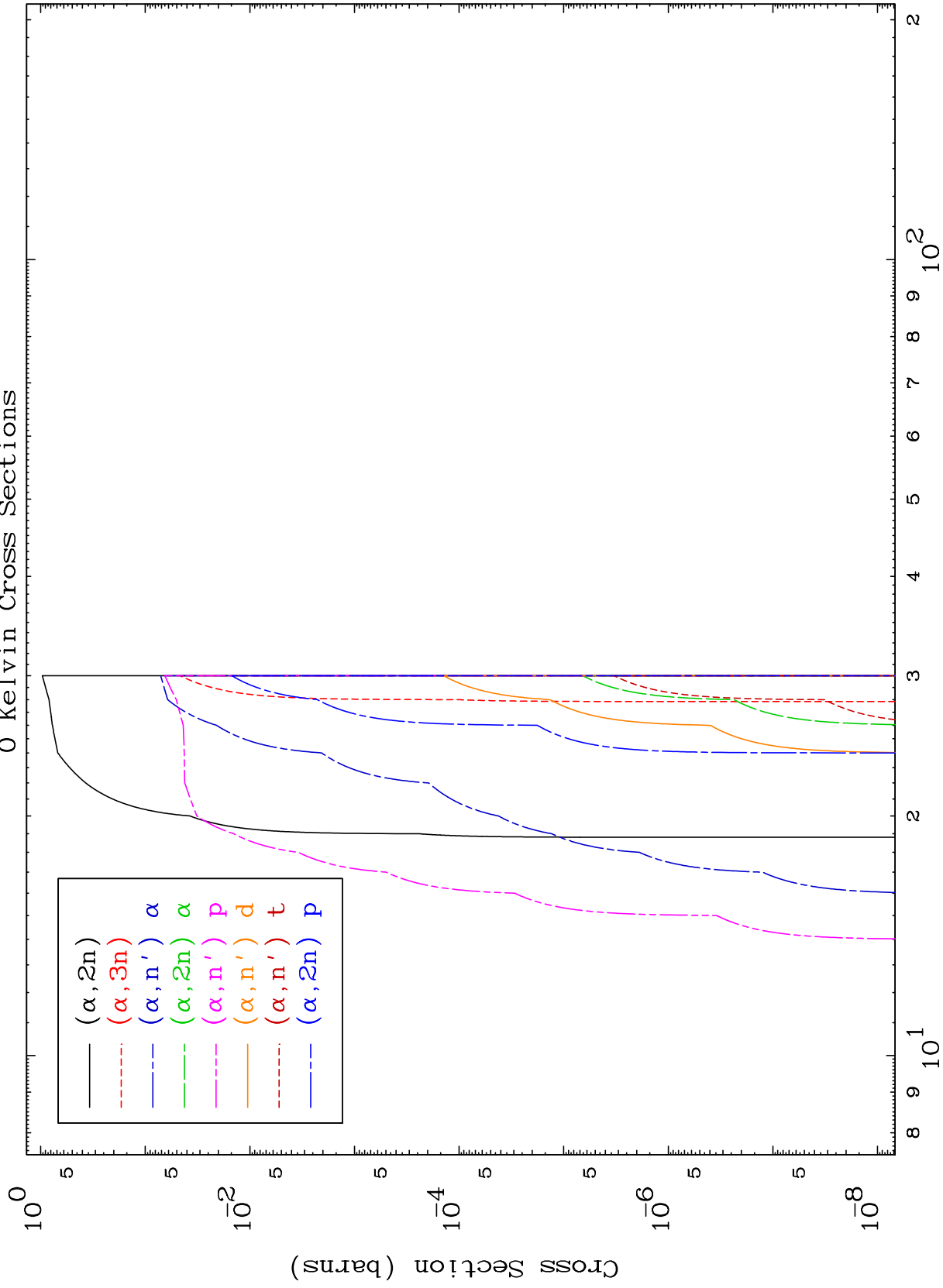
59-Pr-138

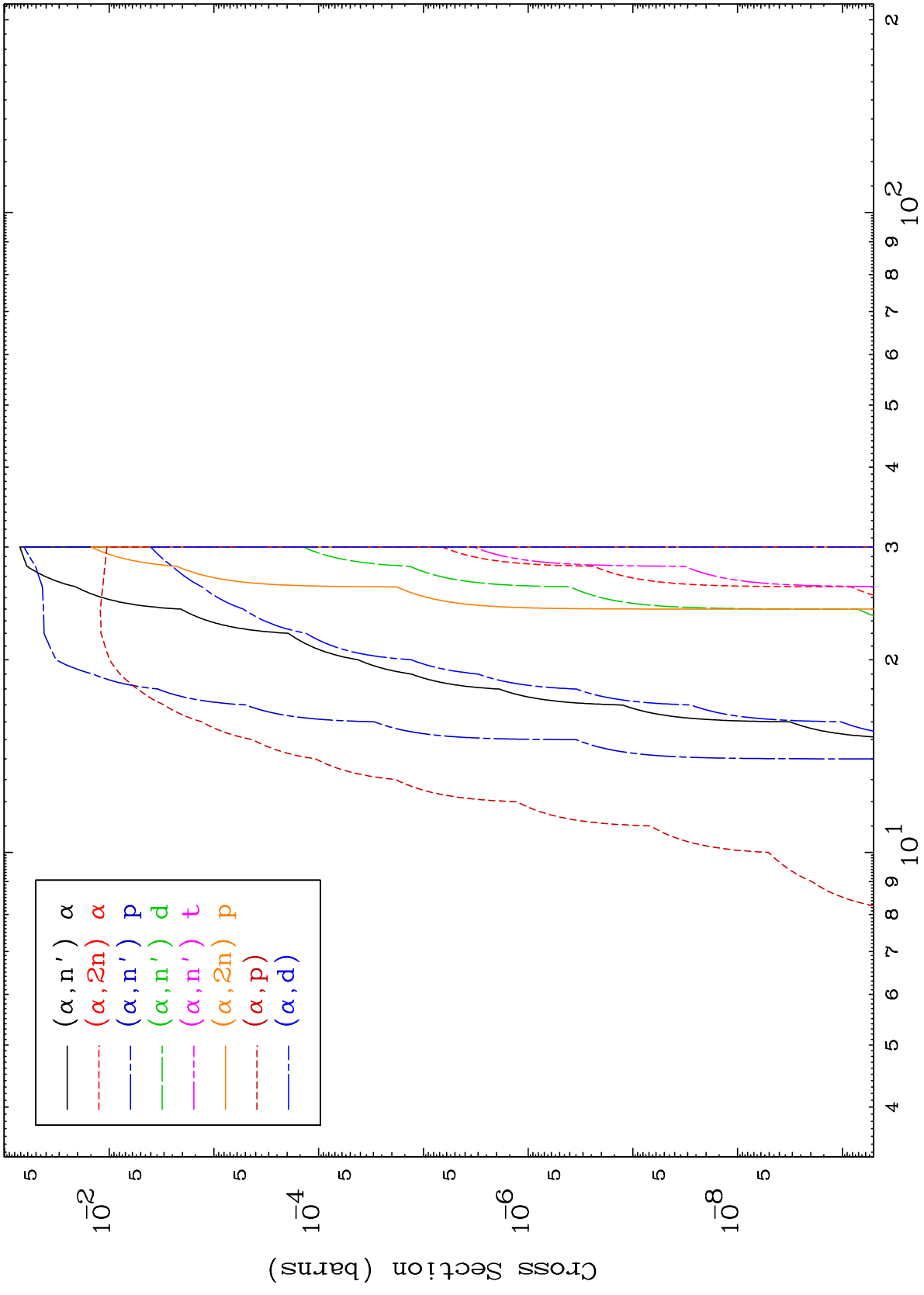


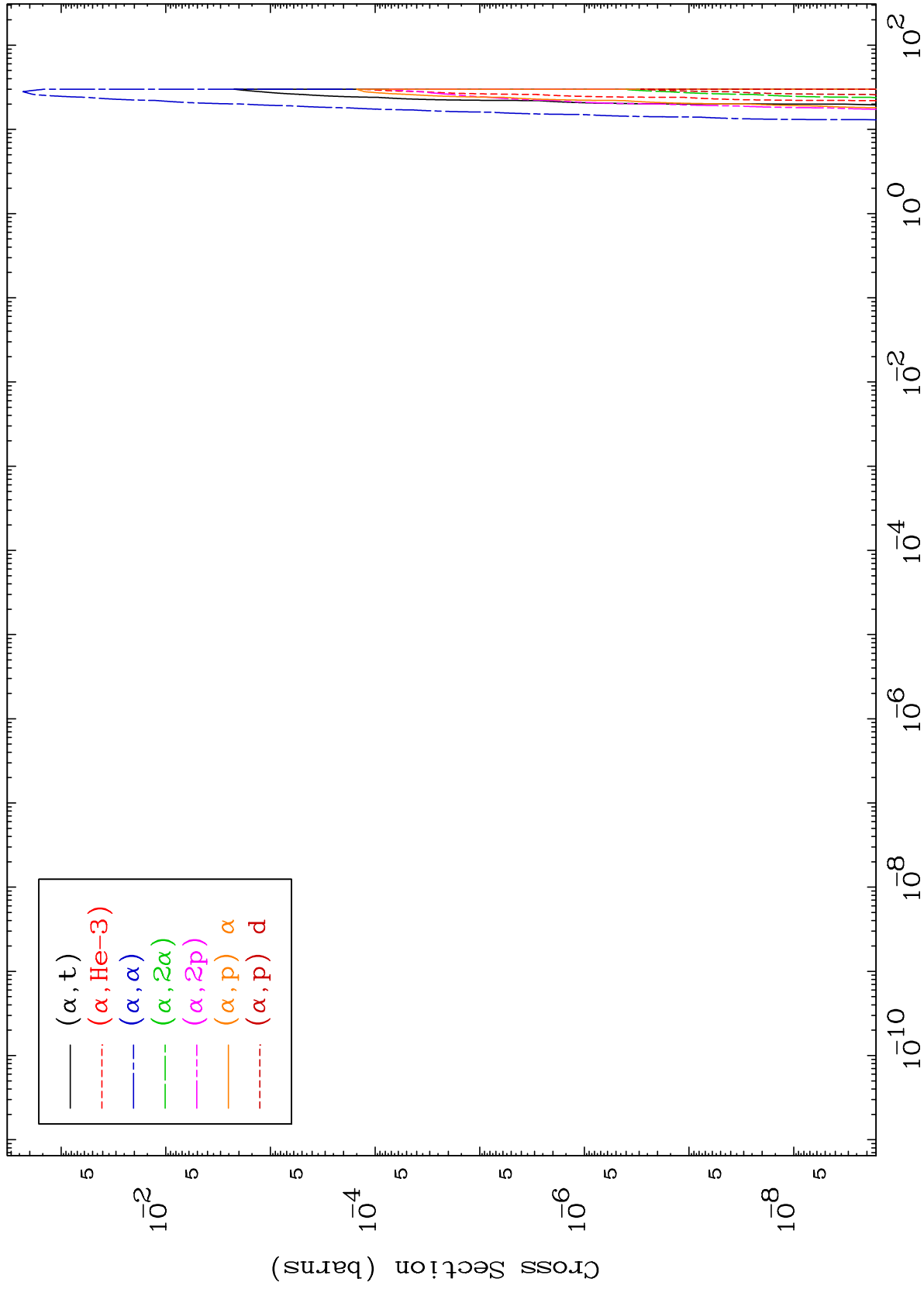
1

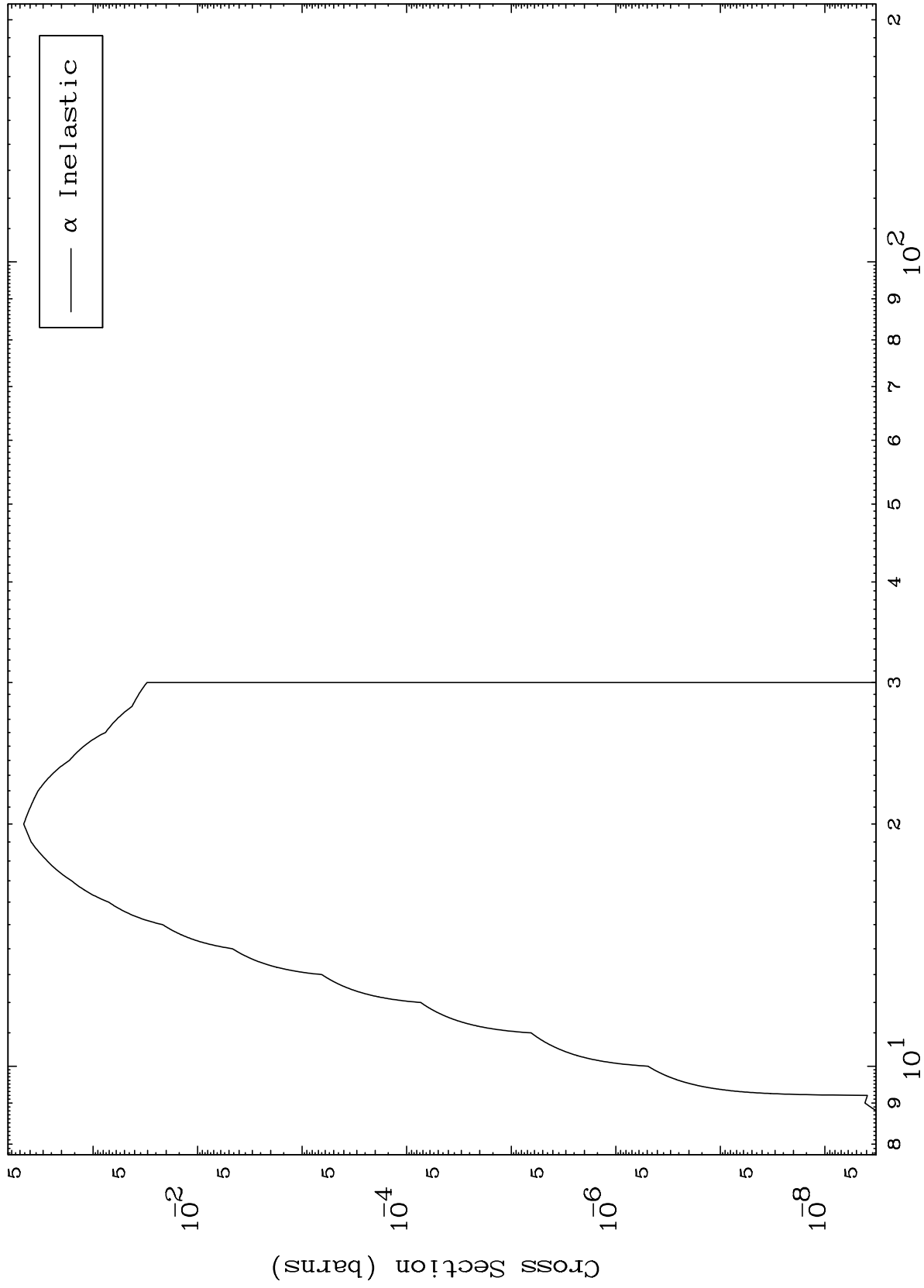
Incident Energy (MeV)

59-Pr-138





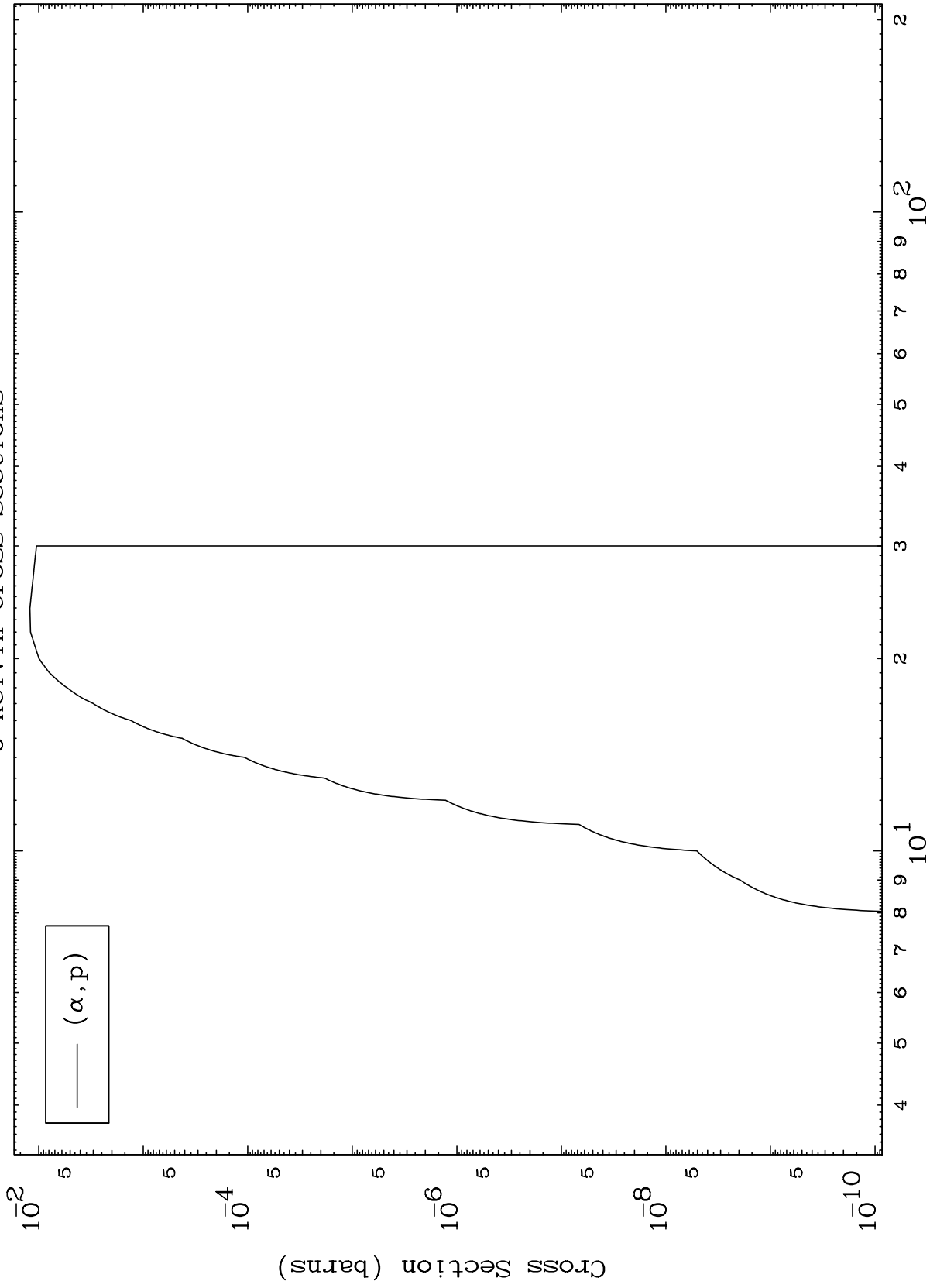




MAT 5917

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

59-Pr-138



6

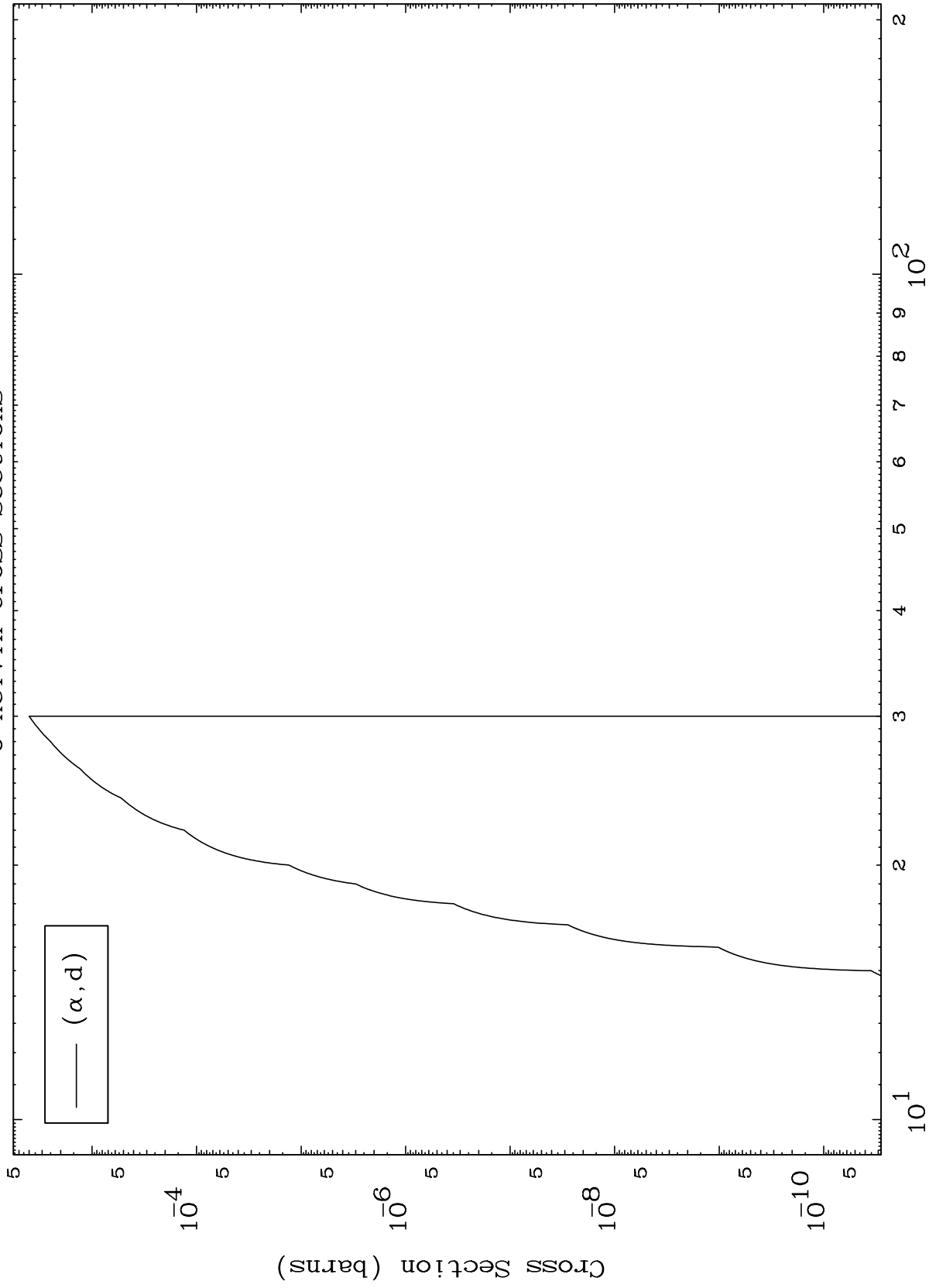
Incident Energy (MeV)

59-Pr-138

MAT 5917

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

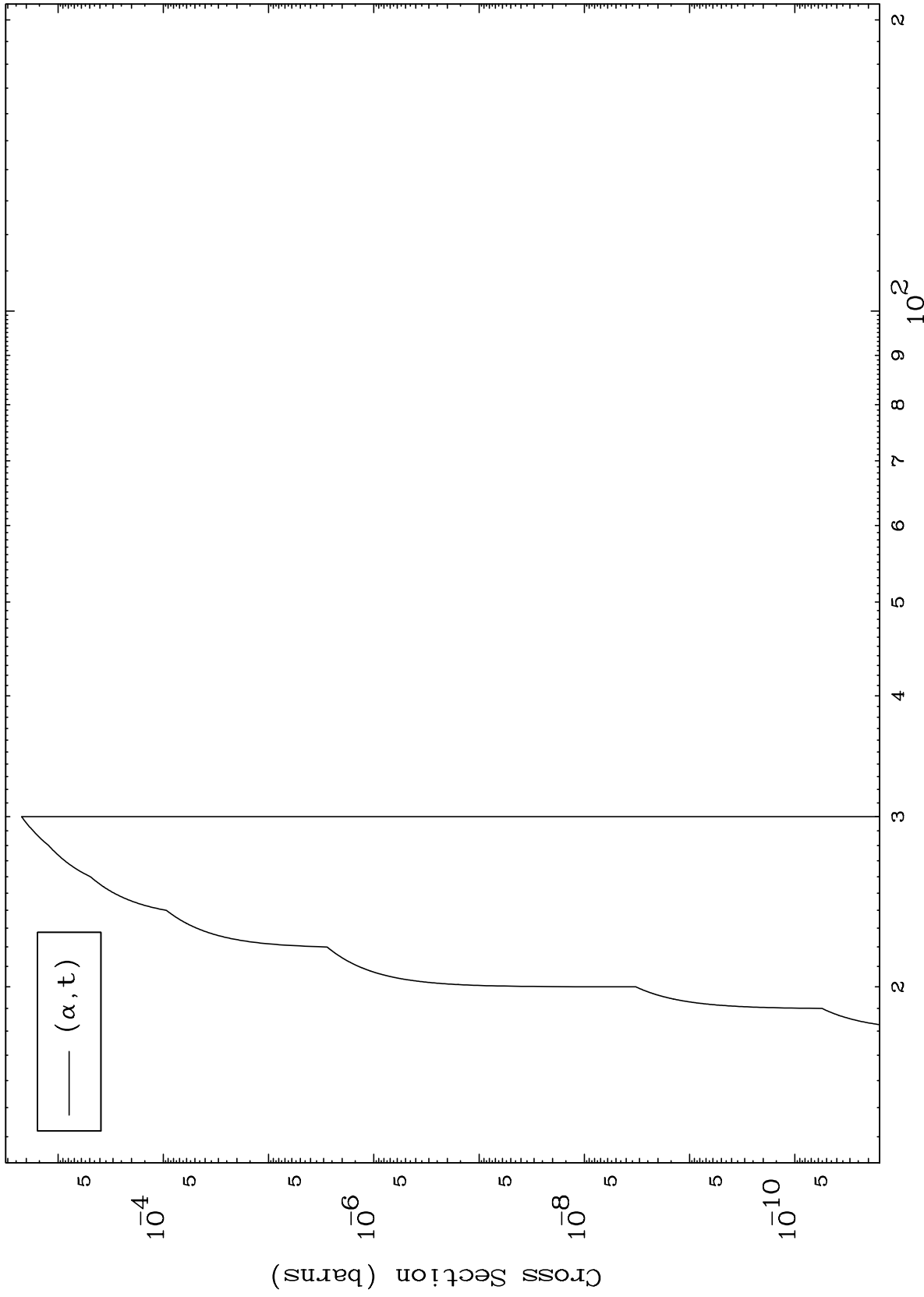
59-Pr-138

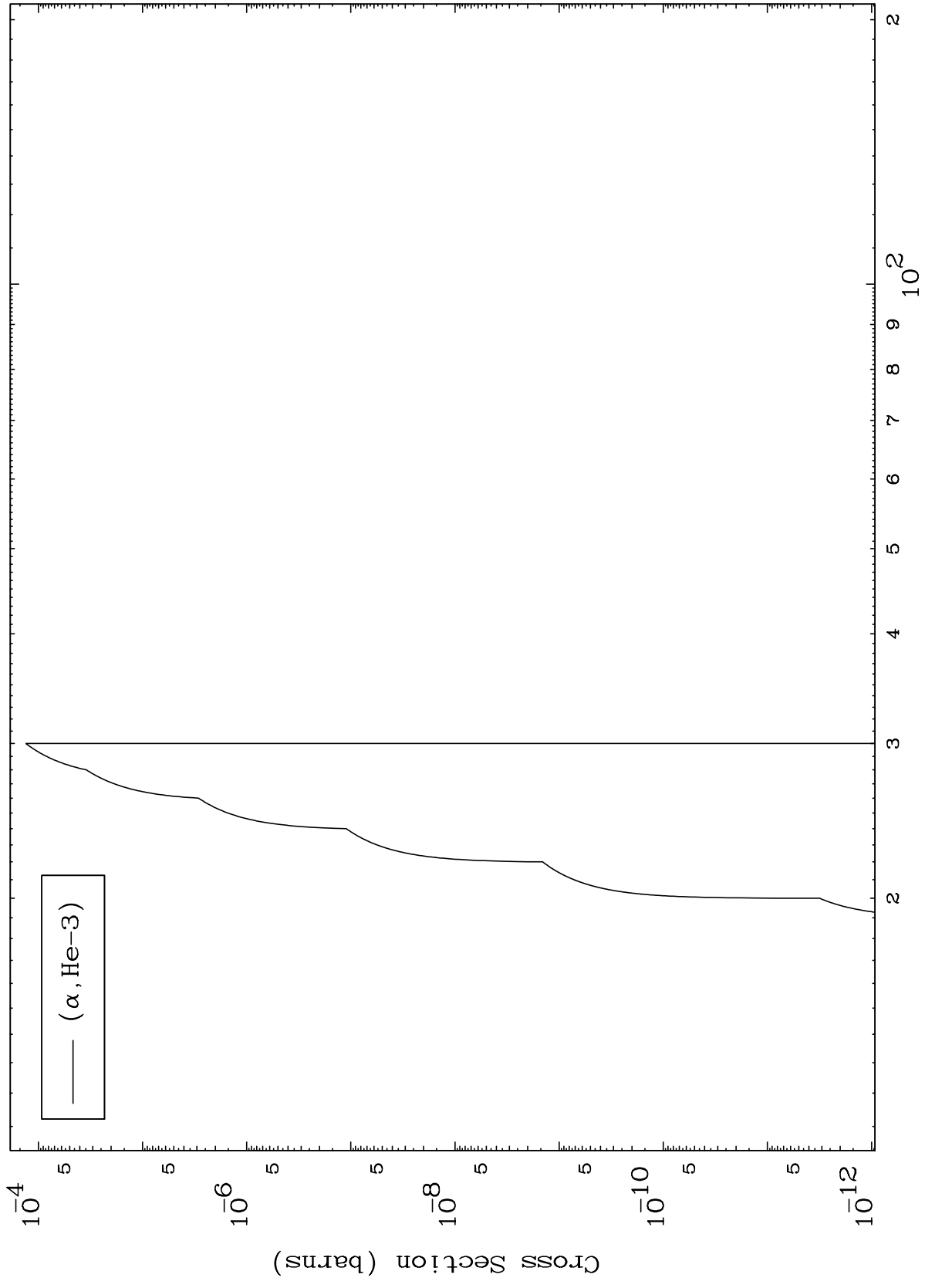


7

Incident Energy (MeV)

59-Pr-138

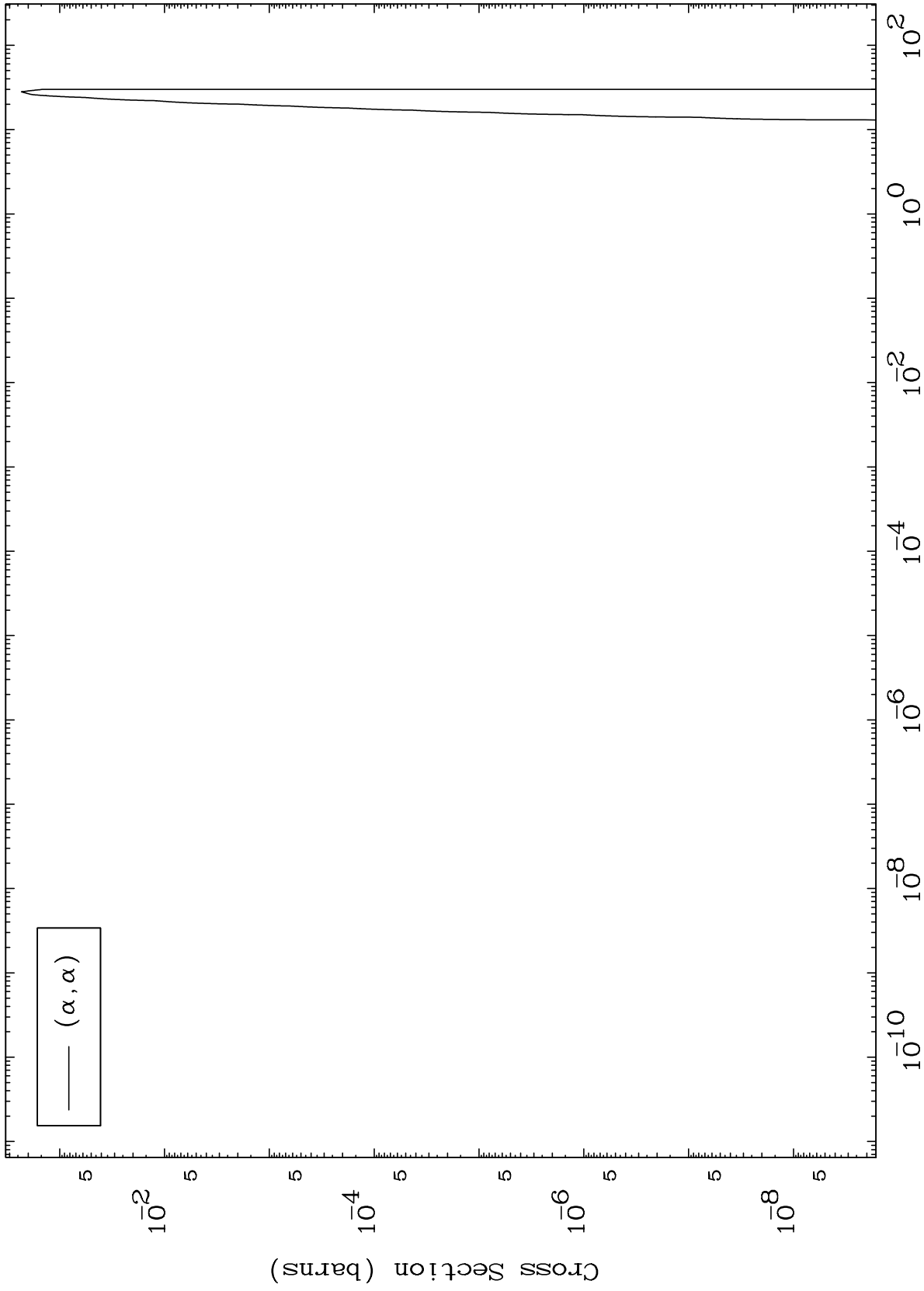




MAT 5917

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

59-Pr-138



10

Incident Energy (MeV)

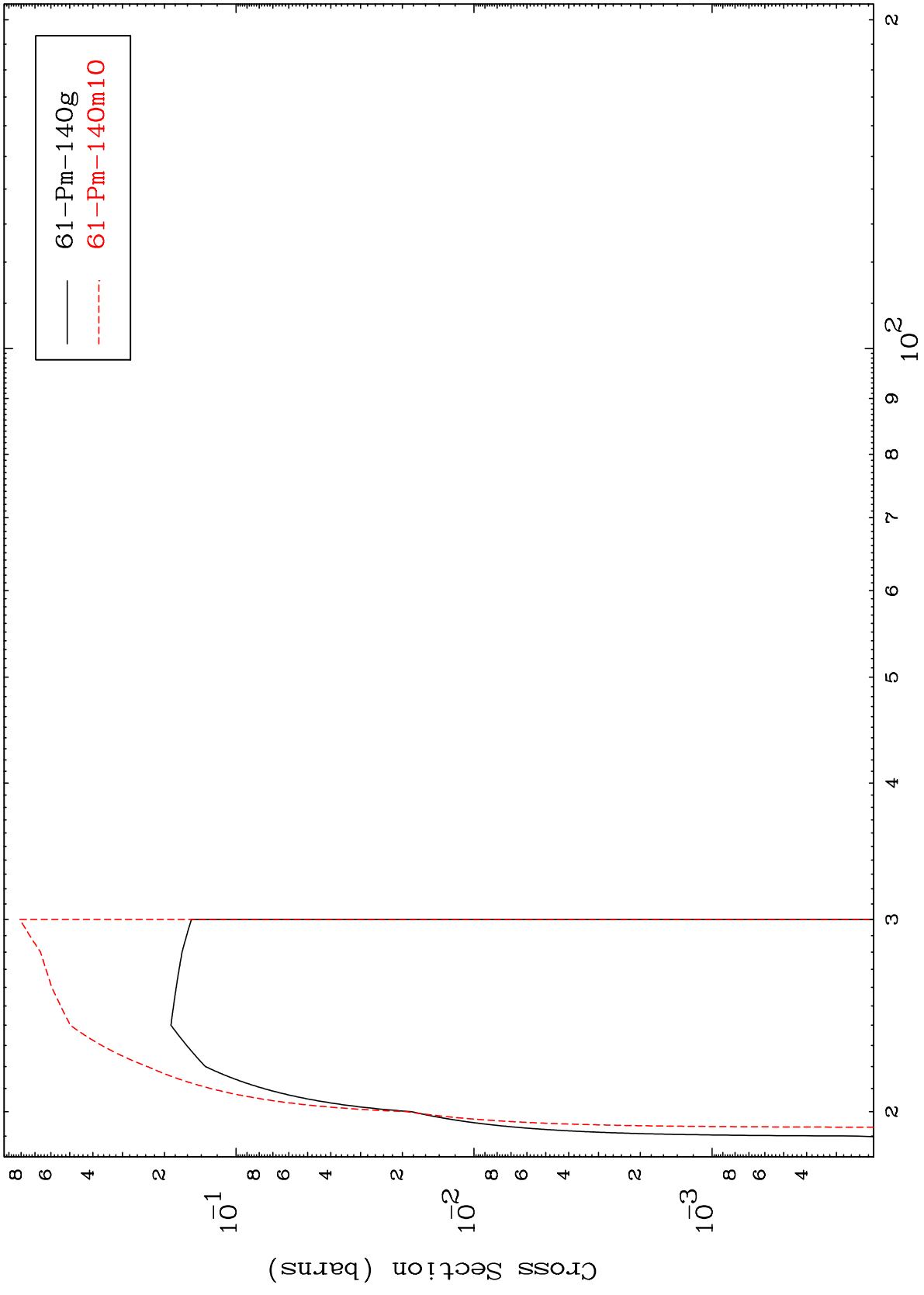
59-Pr-138

MAT 5917

( $\alpha, 2n$ )

59-Pr-138

Radionuclide Production Cross Section



11

Incident Energy (MeV)

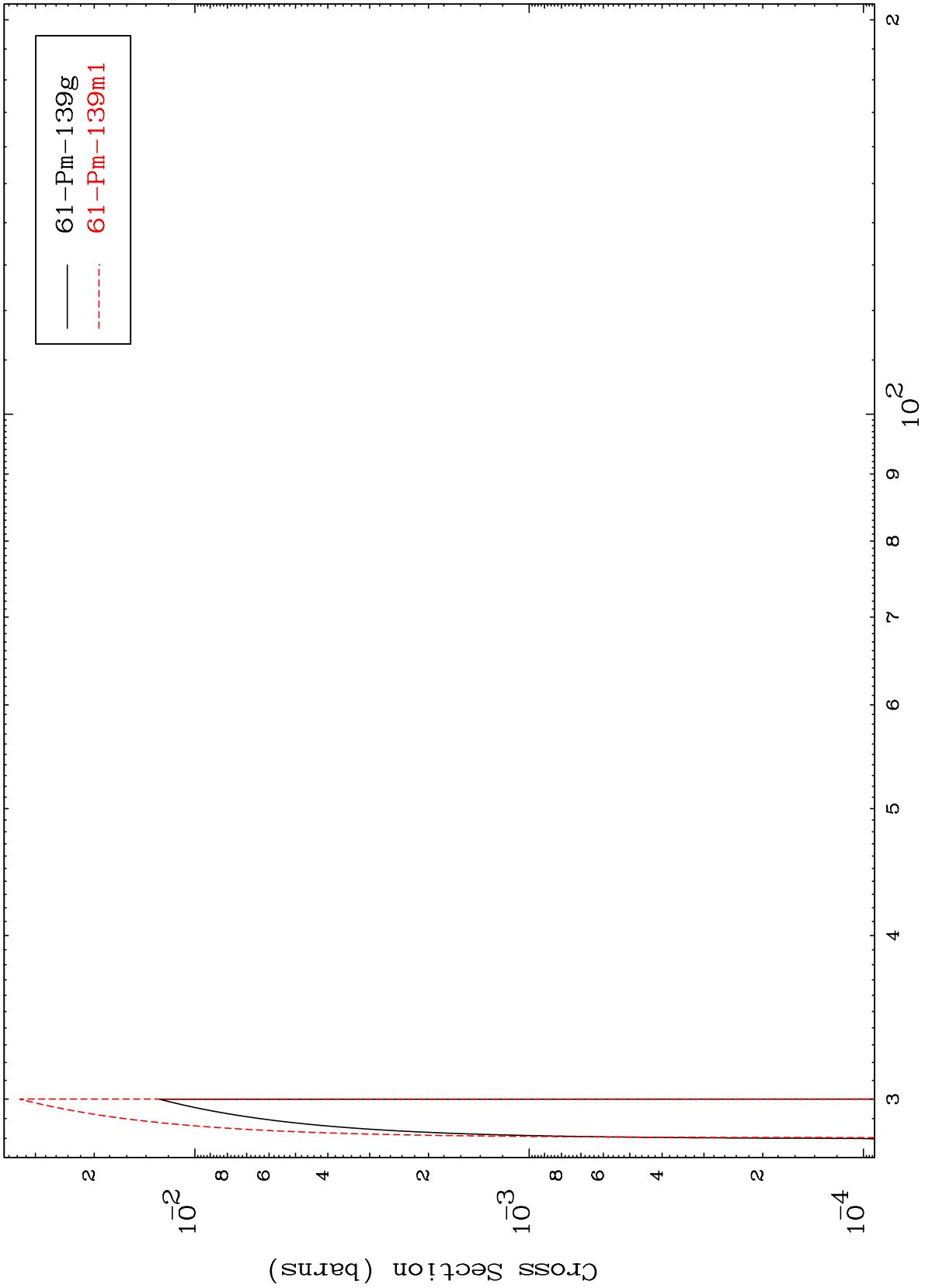
59-Pr-138

MAT 5917

( $\alpha, 3n$ )

59-Pr-138

Radionuclide Production Cross Section

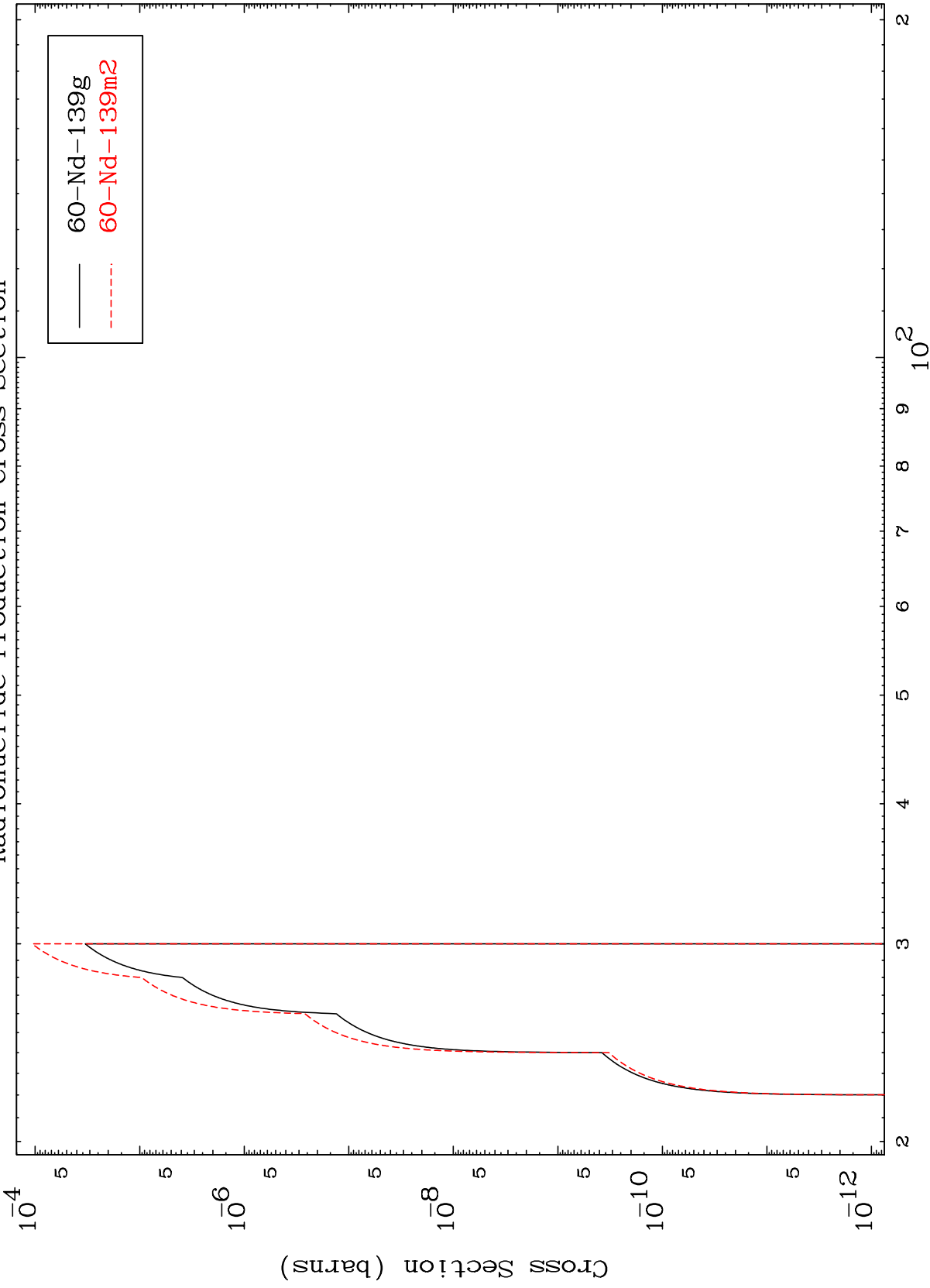


12

Incident Energy (MeV)

59-Pr-138

Radionuclide Production Cross Section

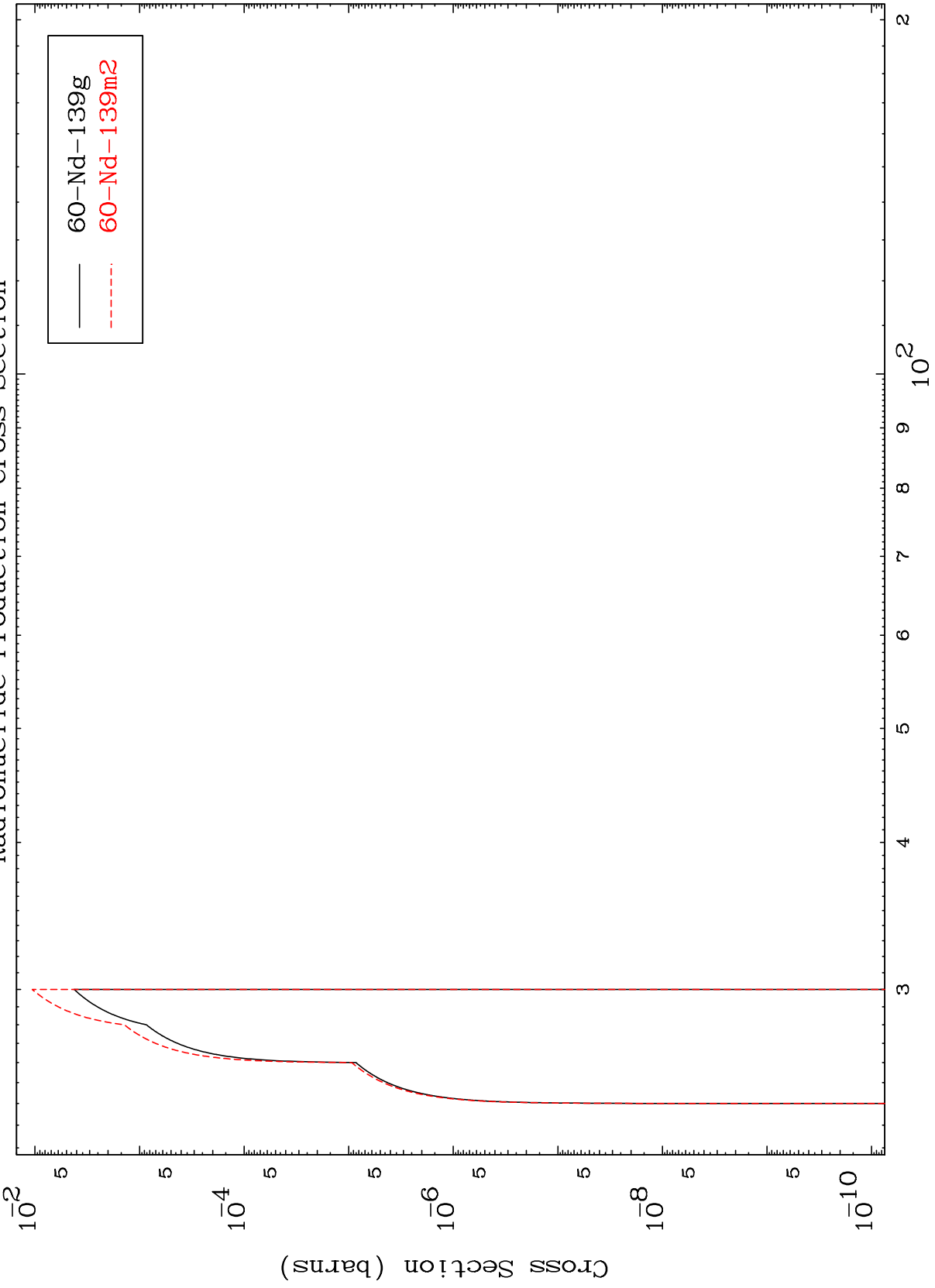


MAT 5917

( $\alpha, 2n$ ) p

59-Pr-138

Radionuclide Production Cross Section



14

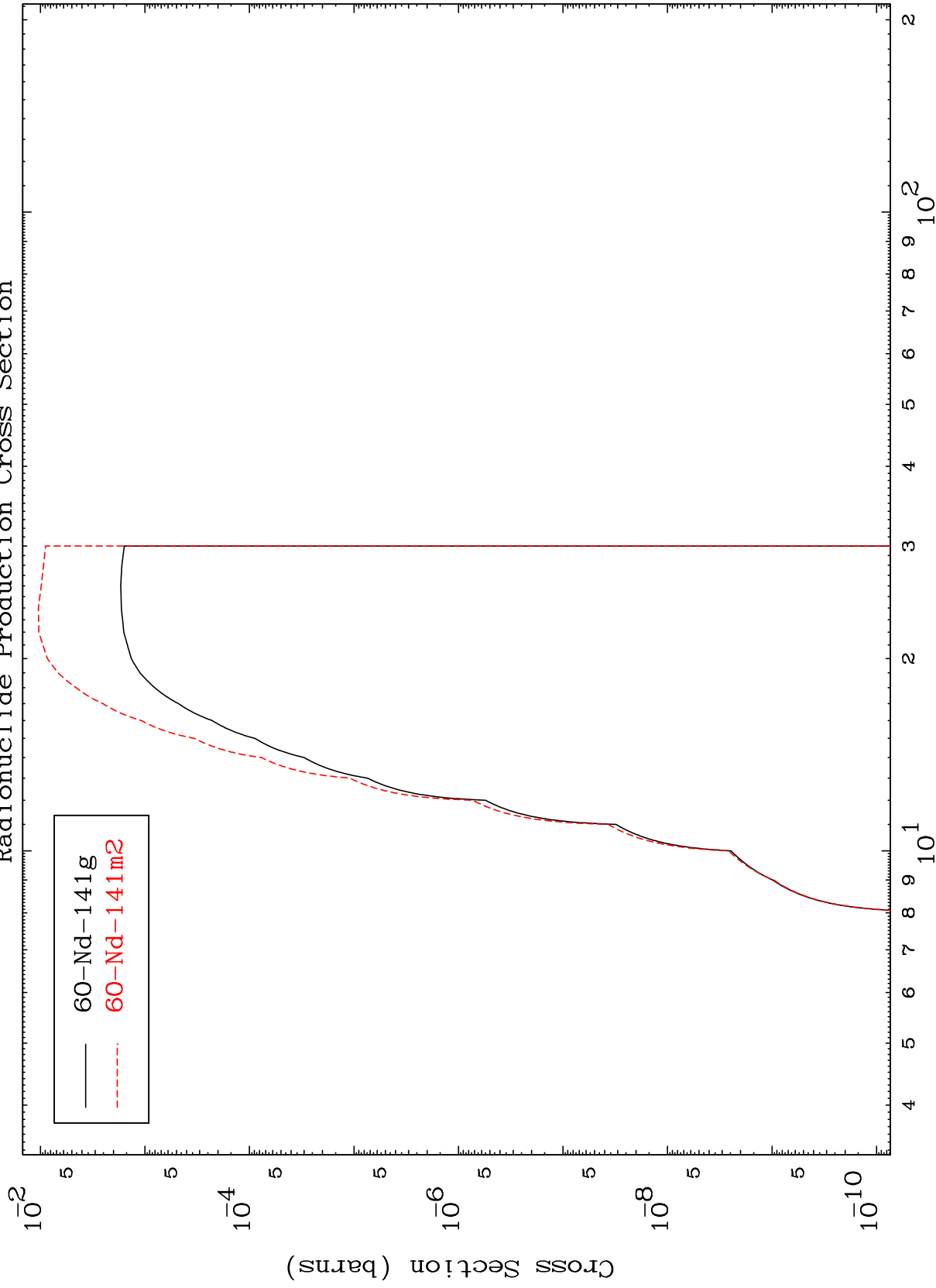
Incident Energy (MeV)

59-Pr-138

MAT 5917

59-Pr-138

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



15

Incident Energy (MeV)

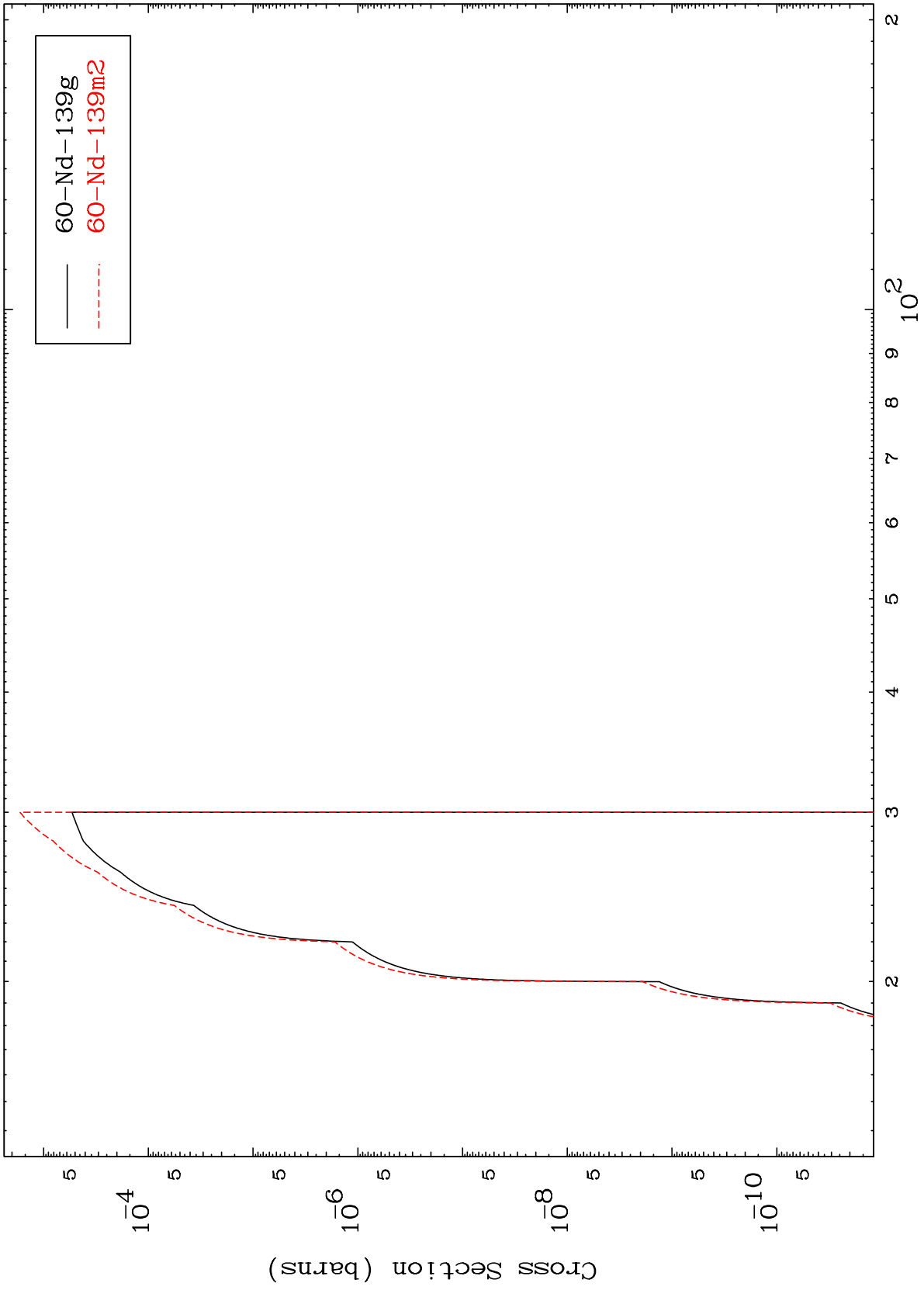
59-Pr-138

MAT 5917

( $\alpha, t$ )

59-Pr-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

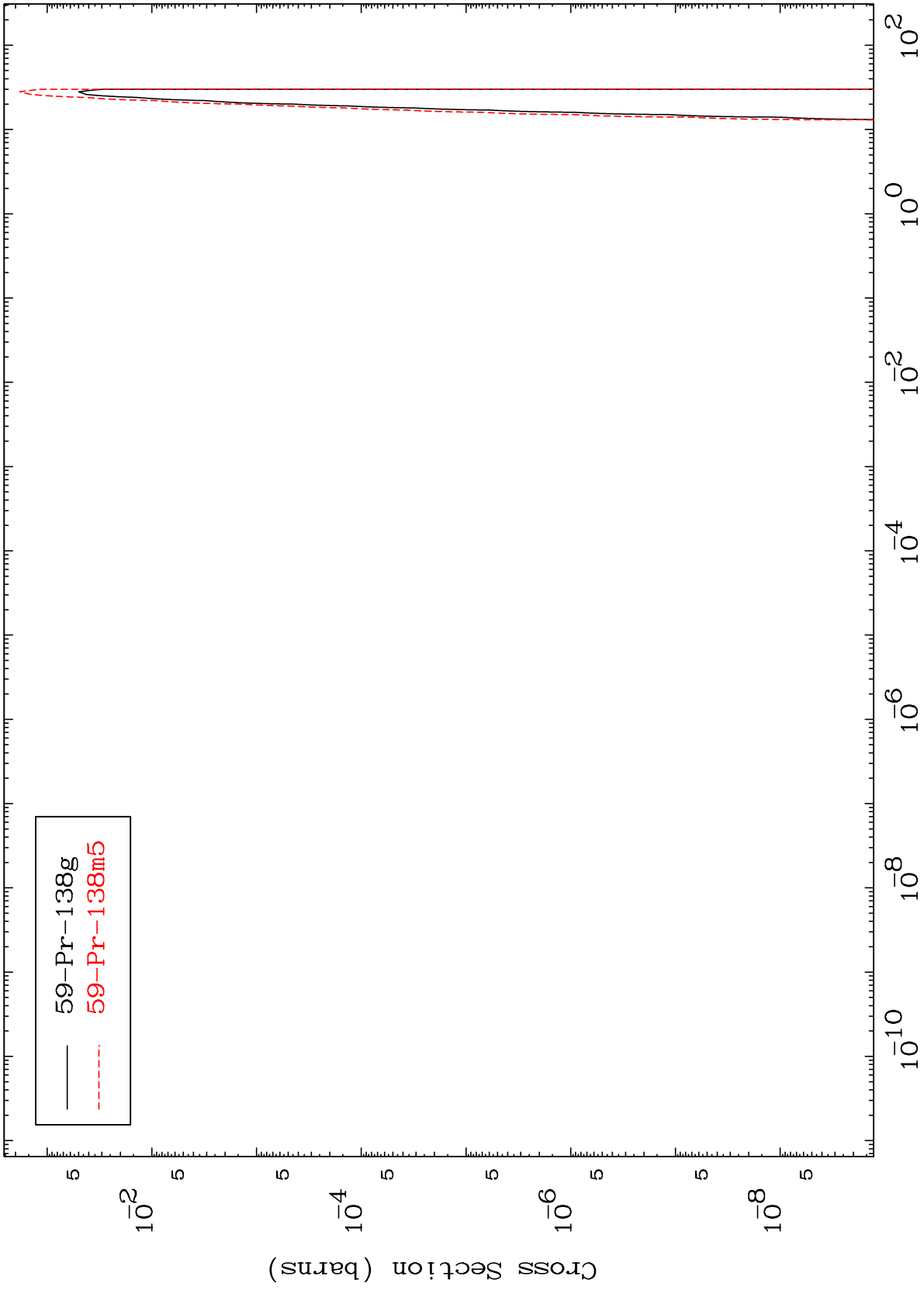
59-Pr-138

MAT 5917

( $\alpha, \alpha$ )

59-Pr-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

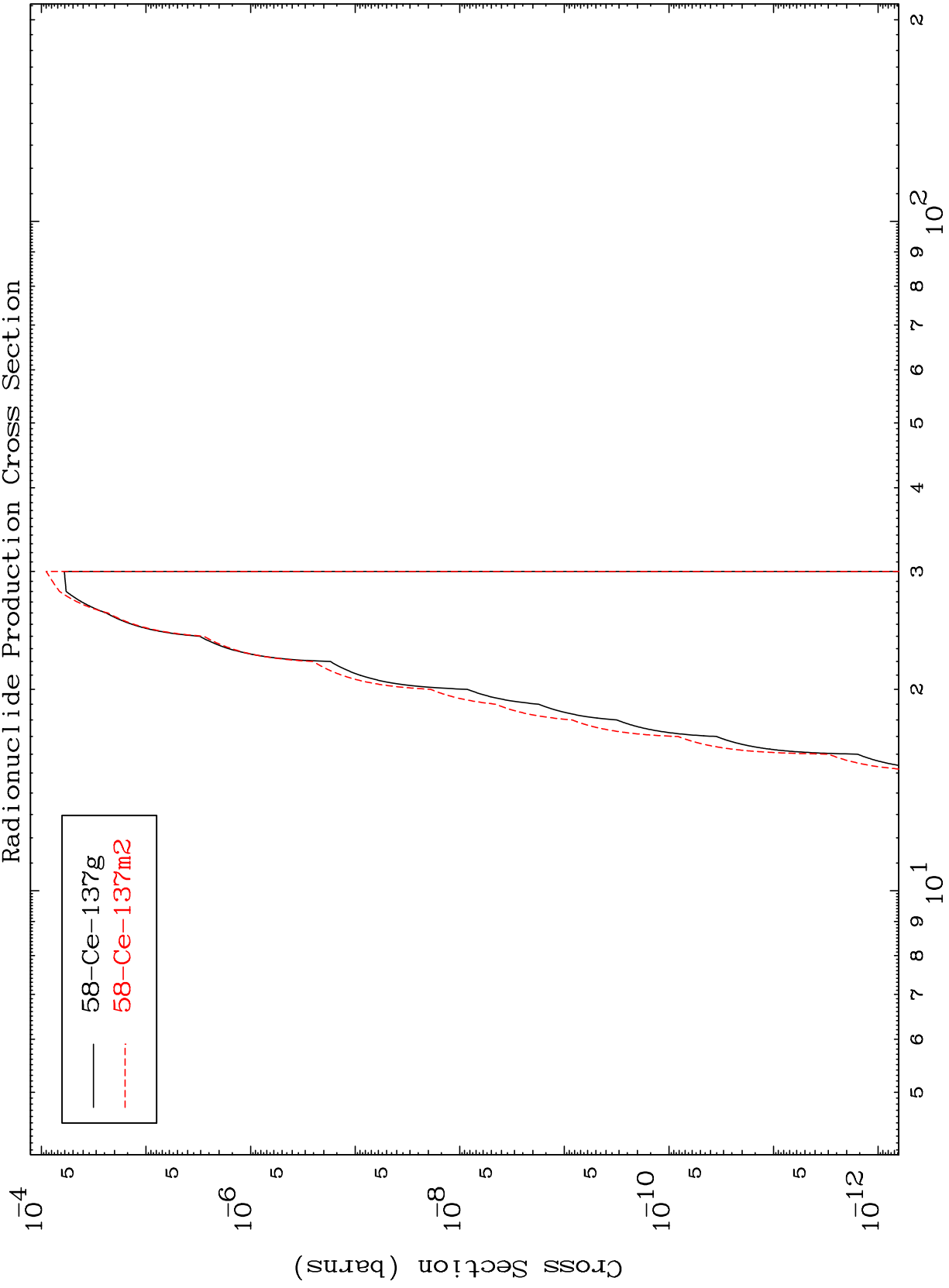
59-Pr-138

MAT 5917

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

59-Pr-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

59-Pr-138