

Program EVALPLOT  
(Version 2021-1)

by

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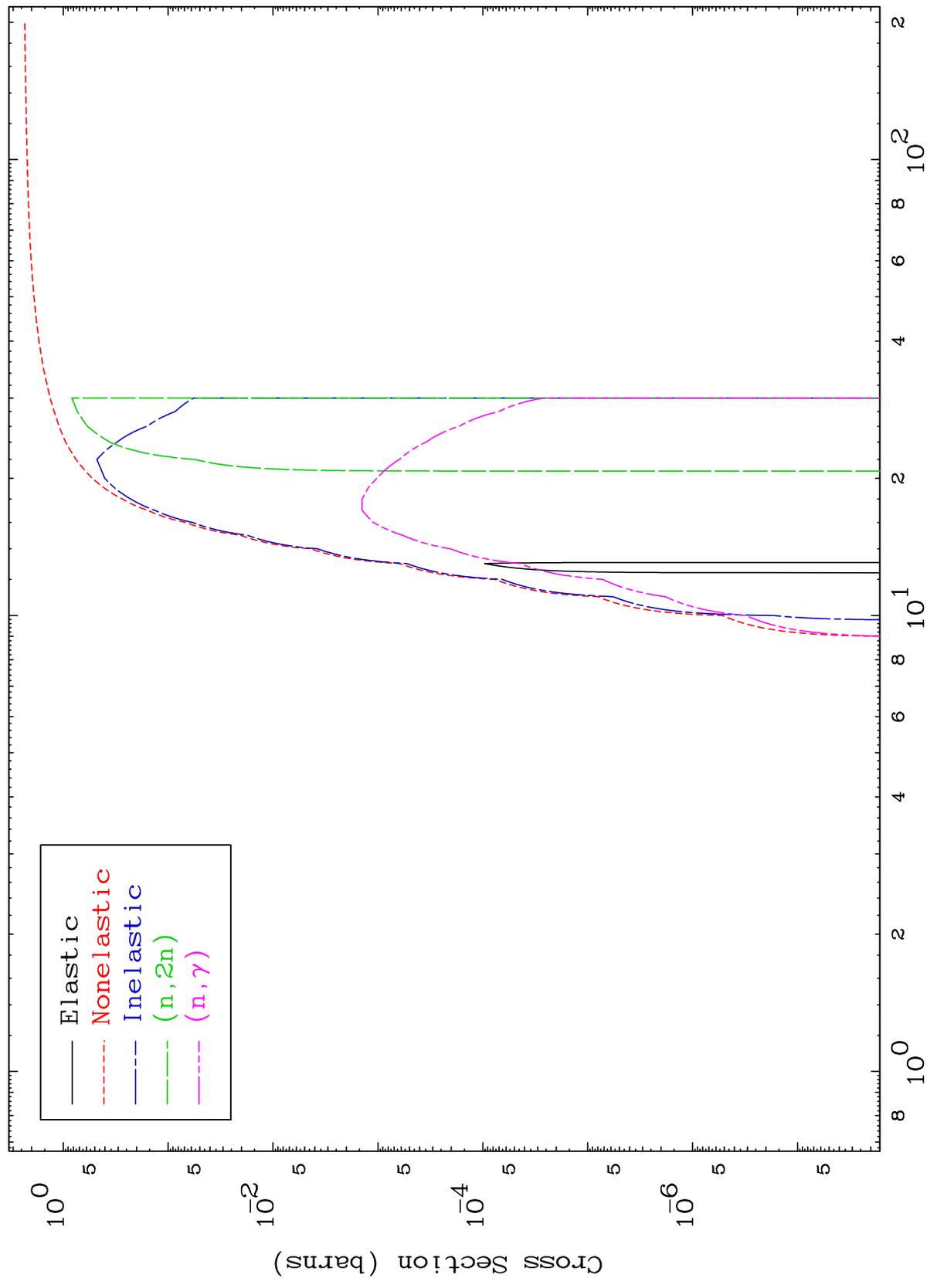
Press Mouse Button to Start

MAT 5910

0 Kelvin

Major

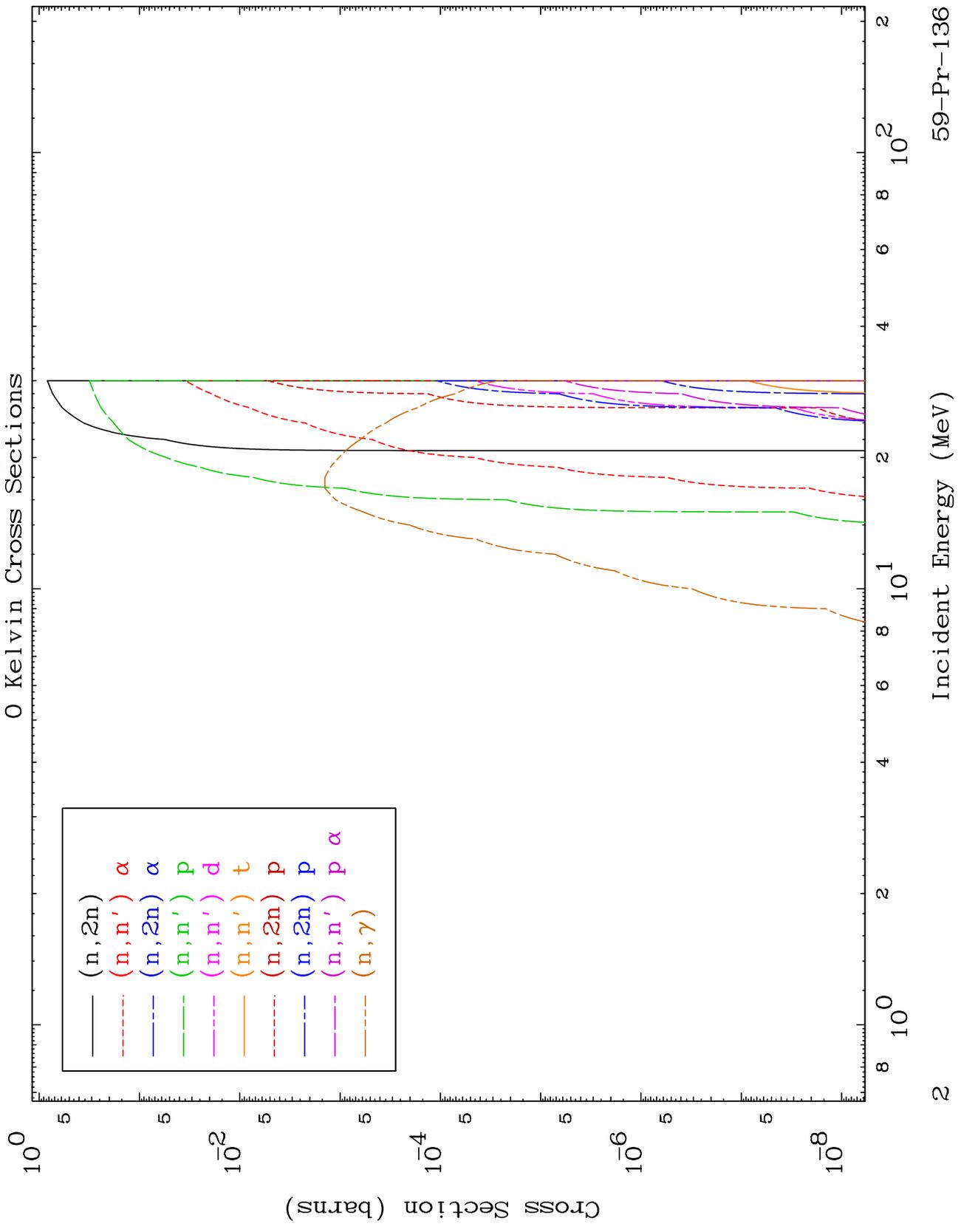
59-Pr-136

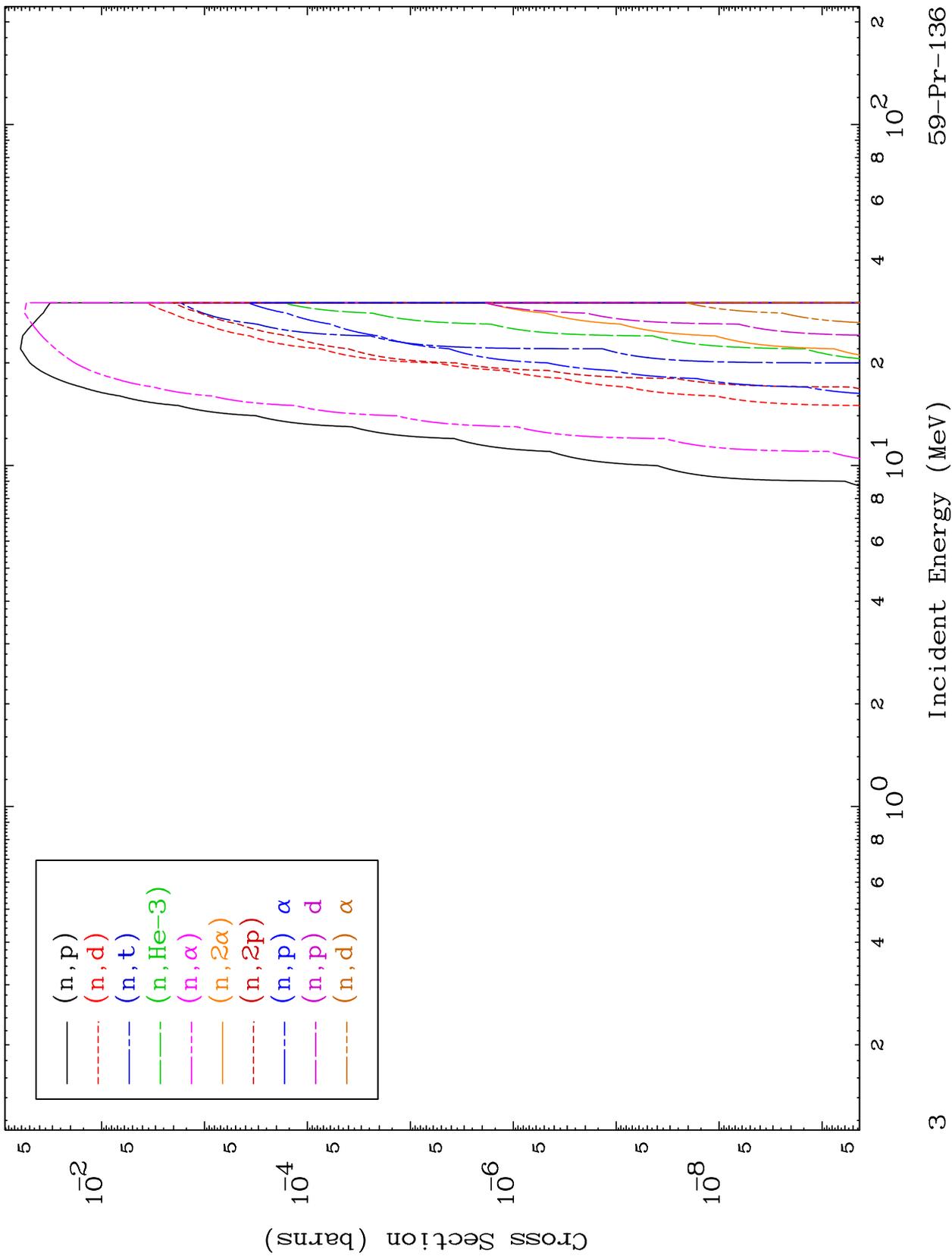


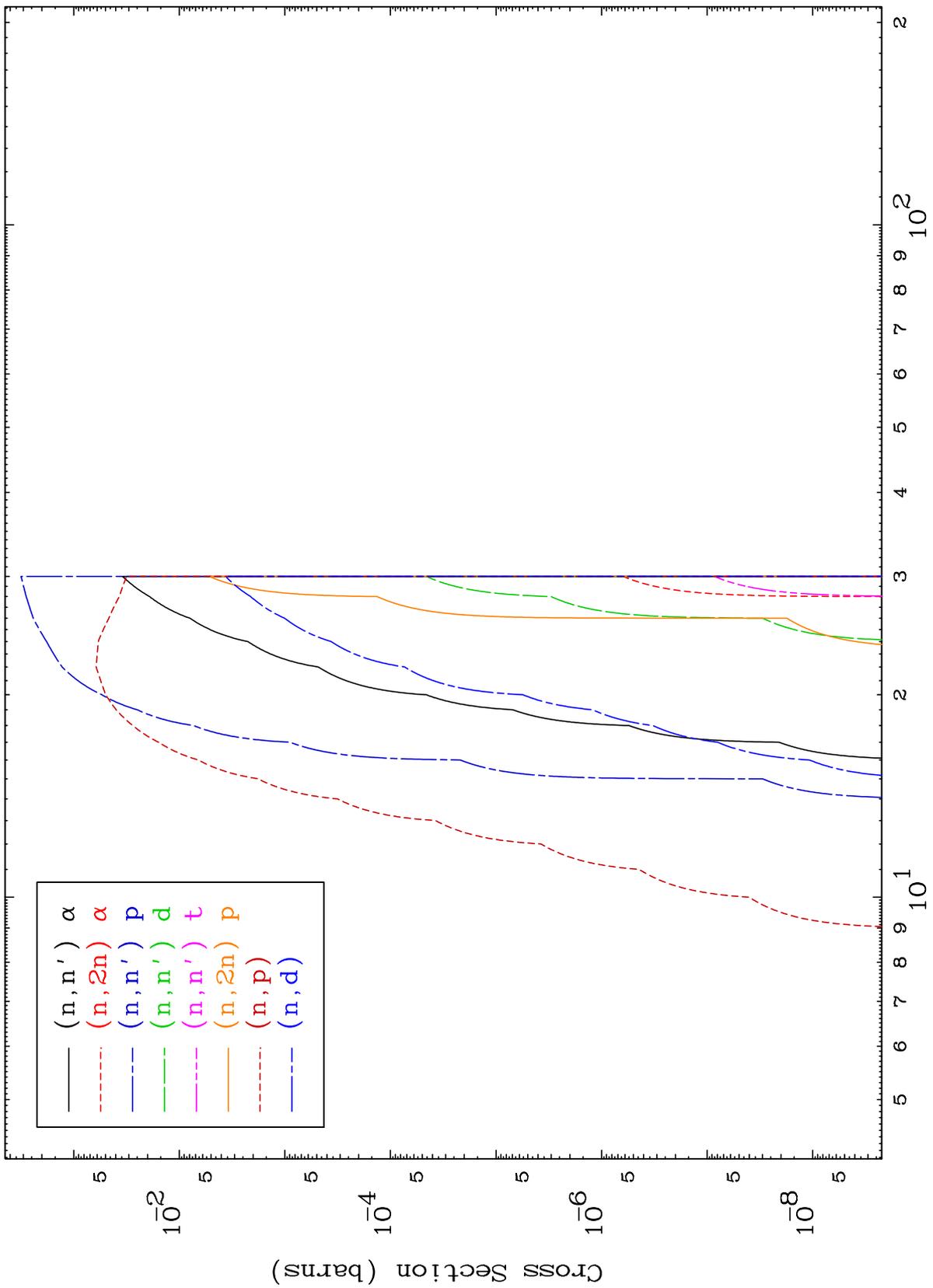
1

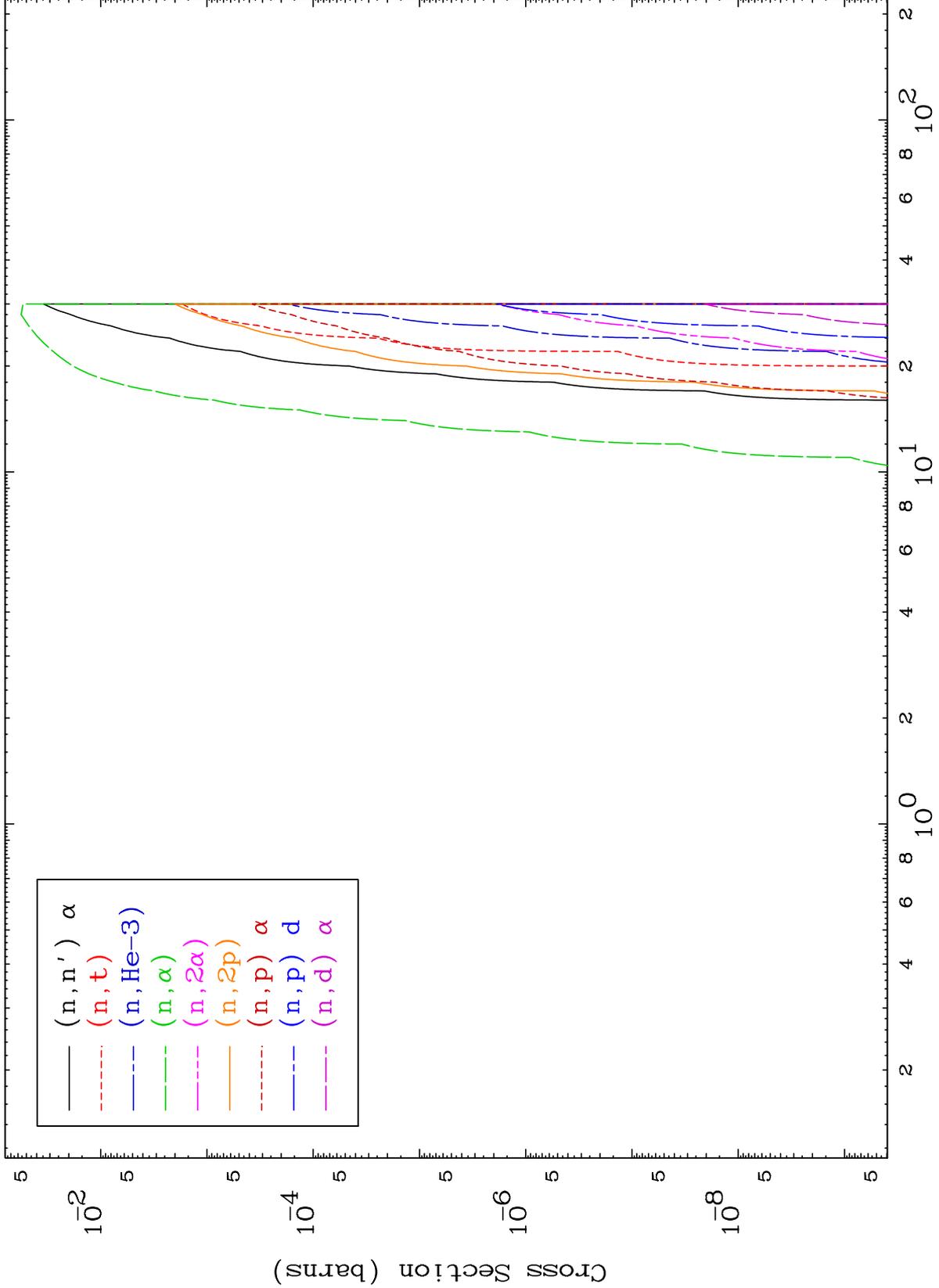
Incident Energy (MeV)

59-Pr-136

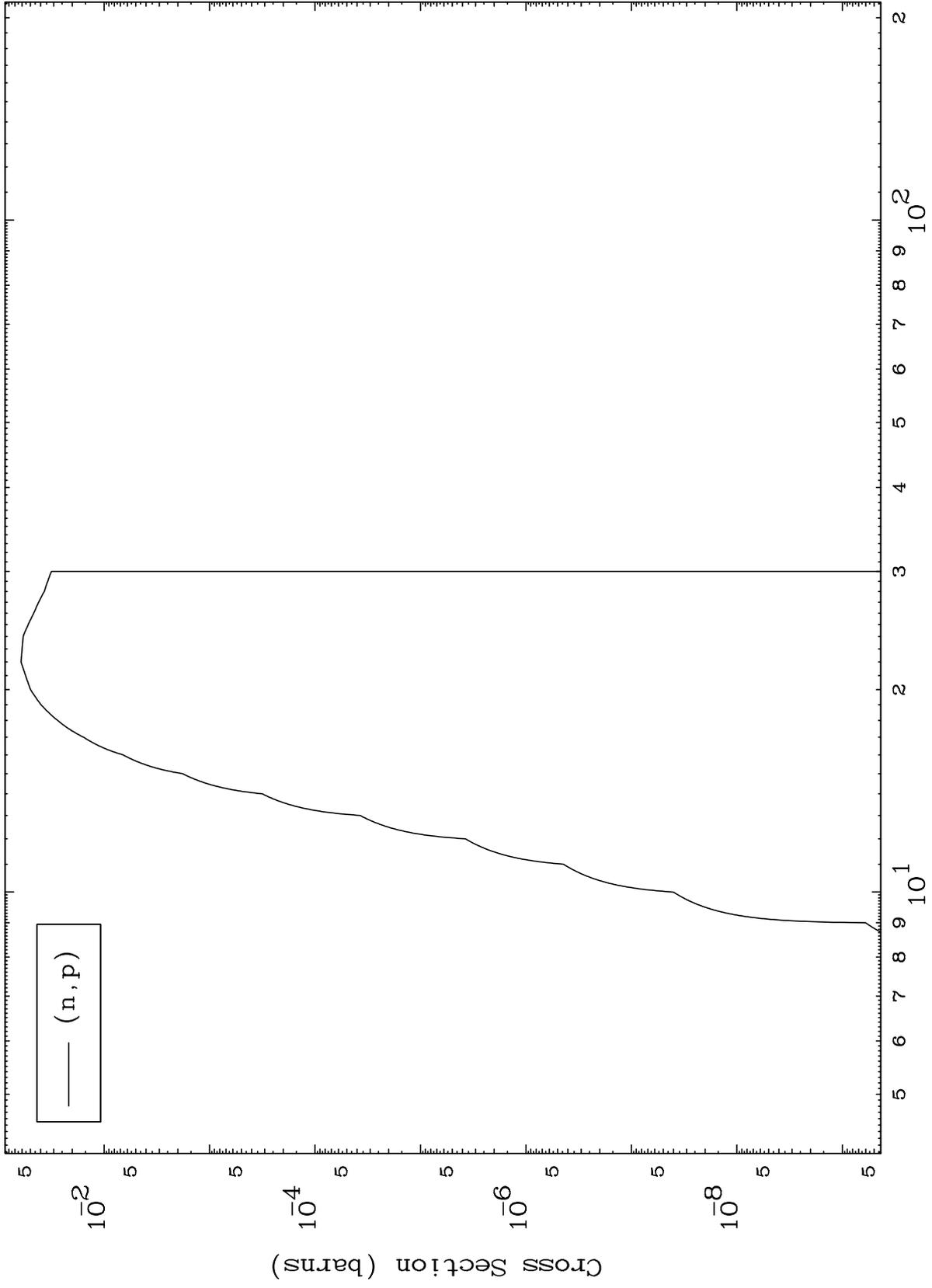








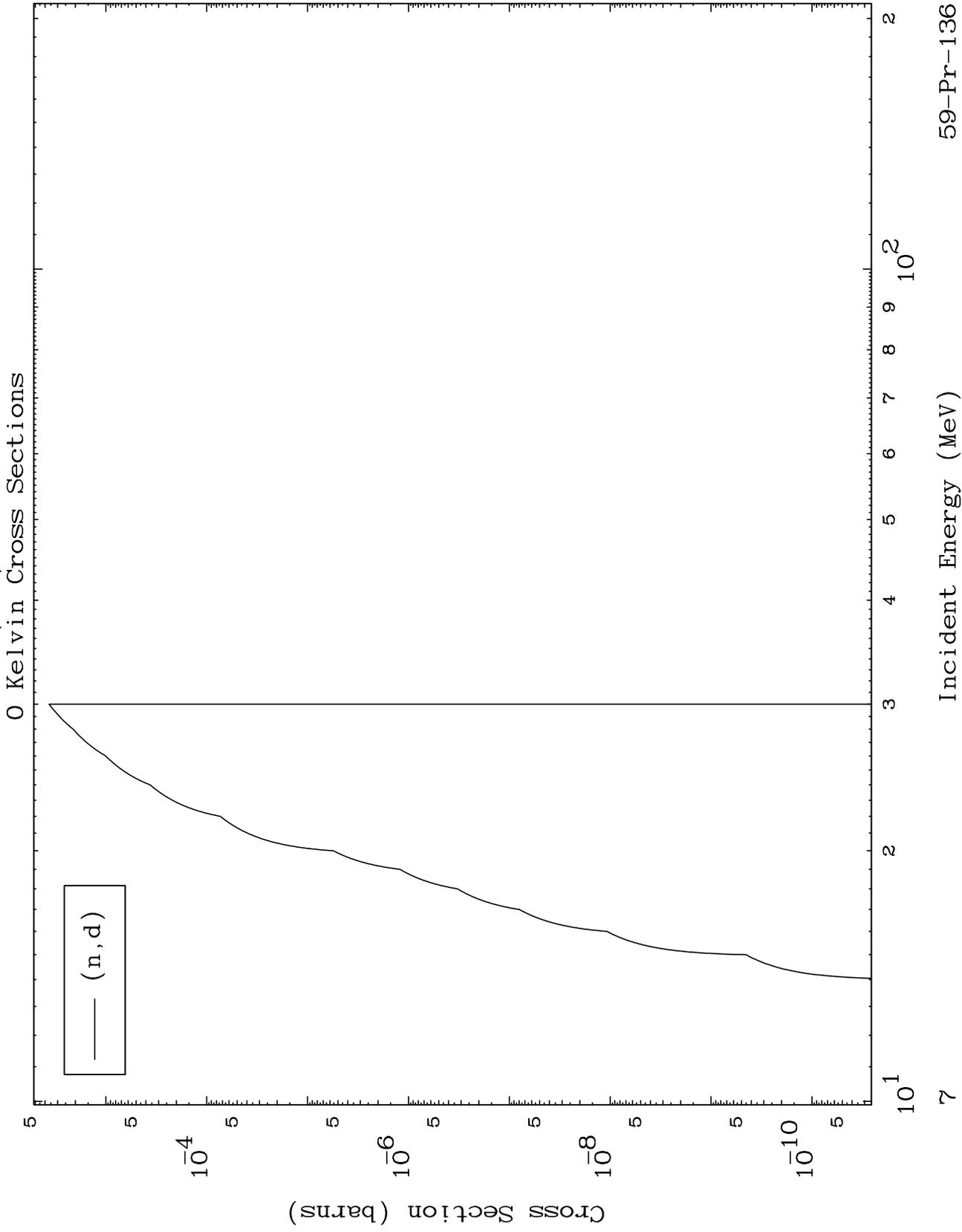
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



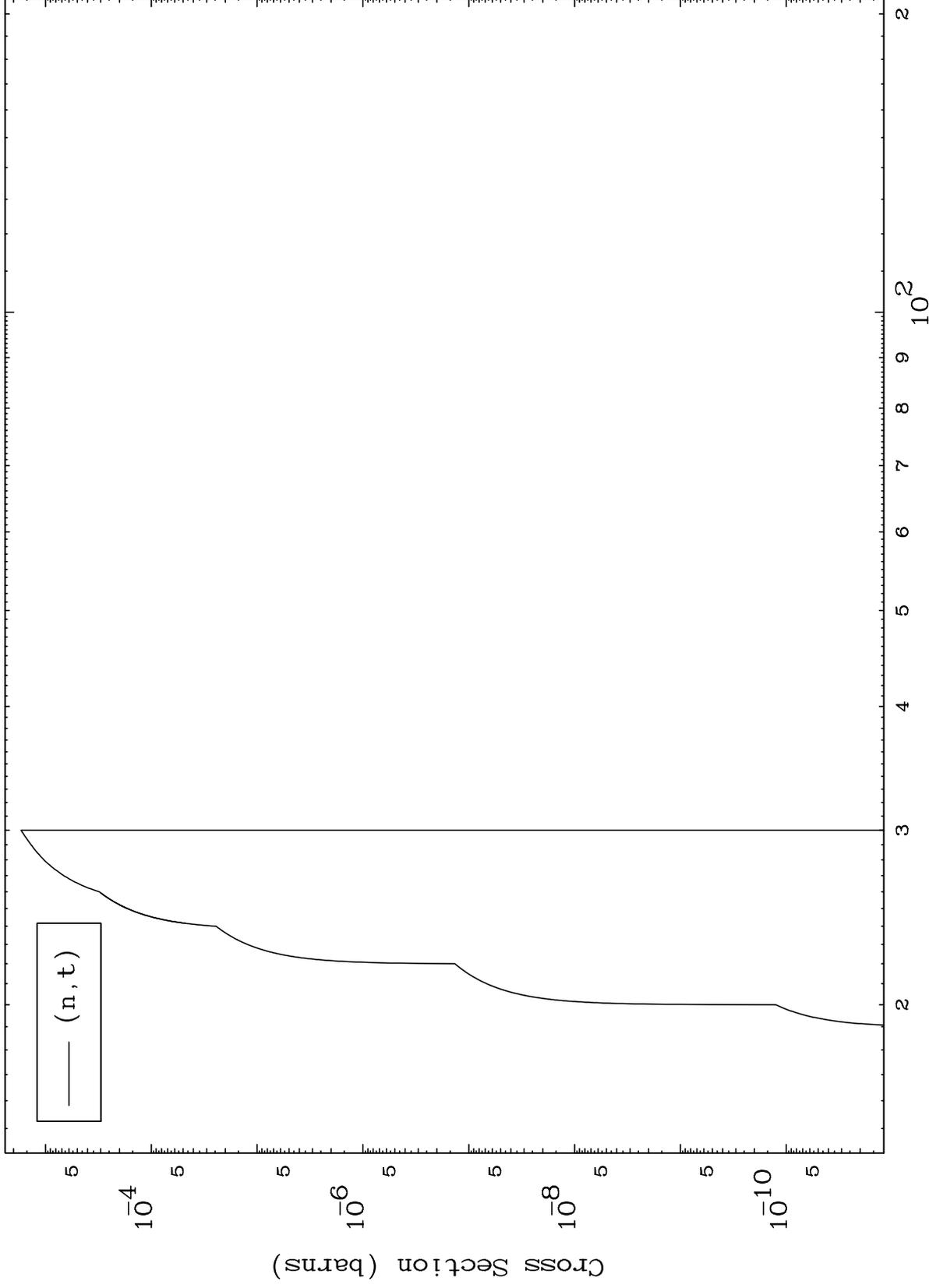
MAT 5910

( $\alpha, d$ ) Levels

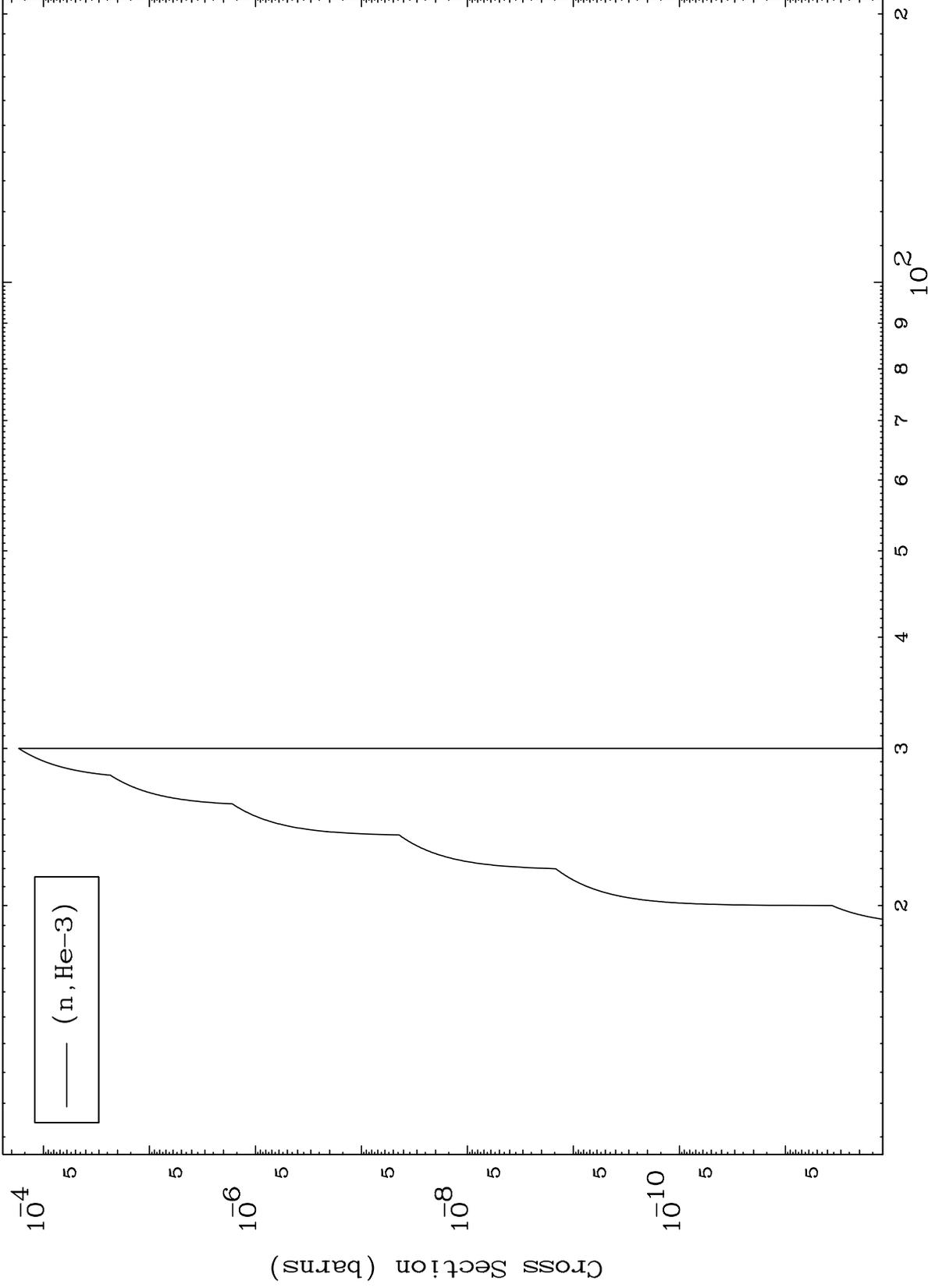
59-Pr-136



59-Pr-136



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

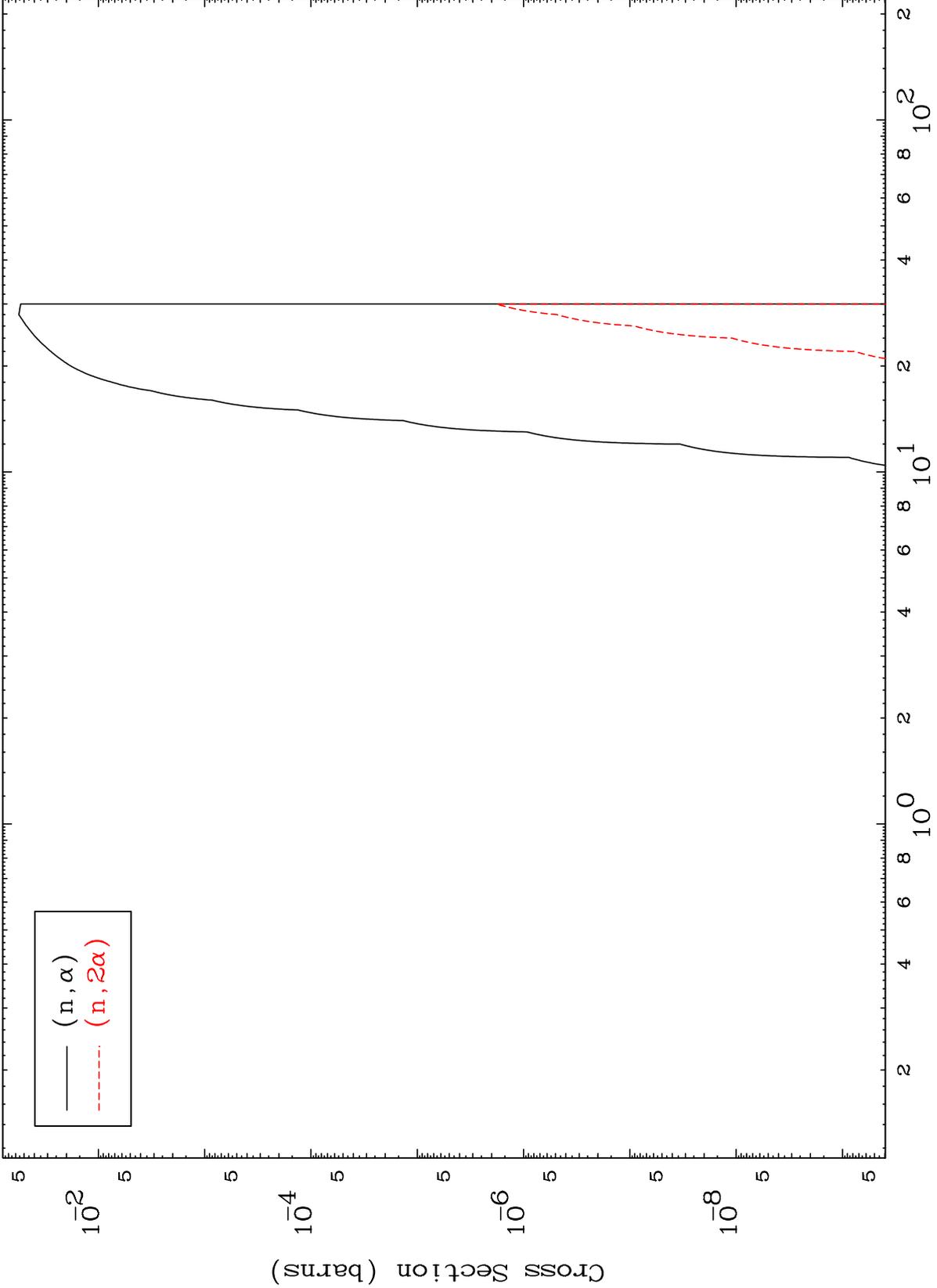


MAT 5910

( $\alpha, \alpha$ ) Levels

59-Pr-136

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

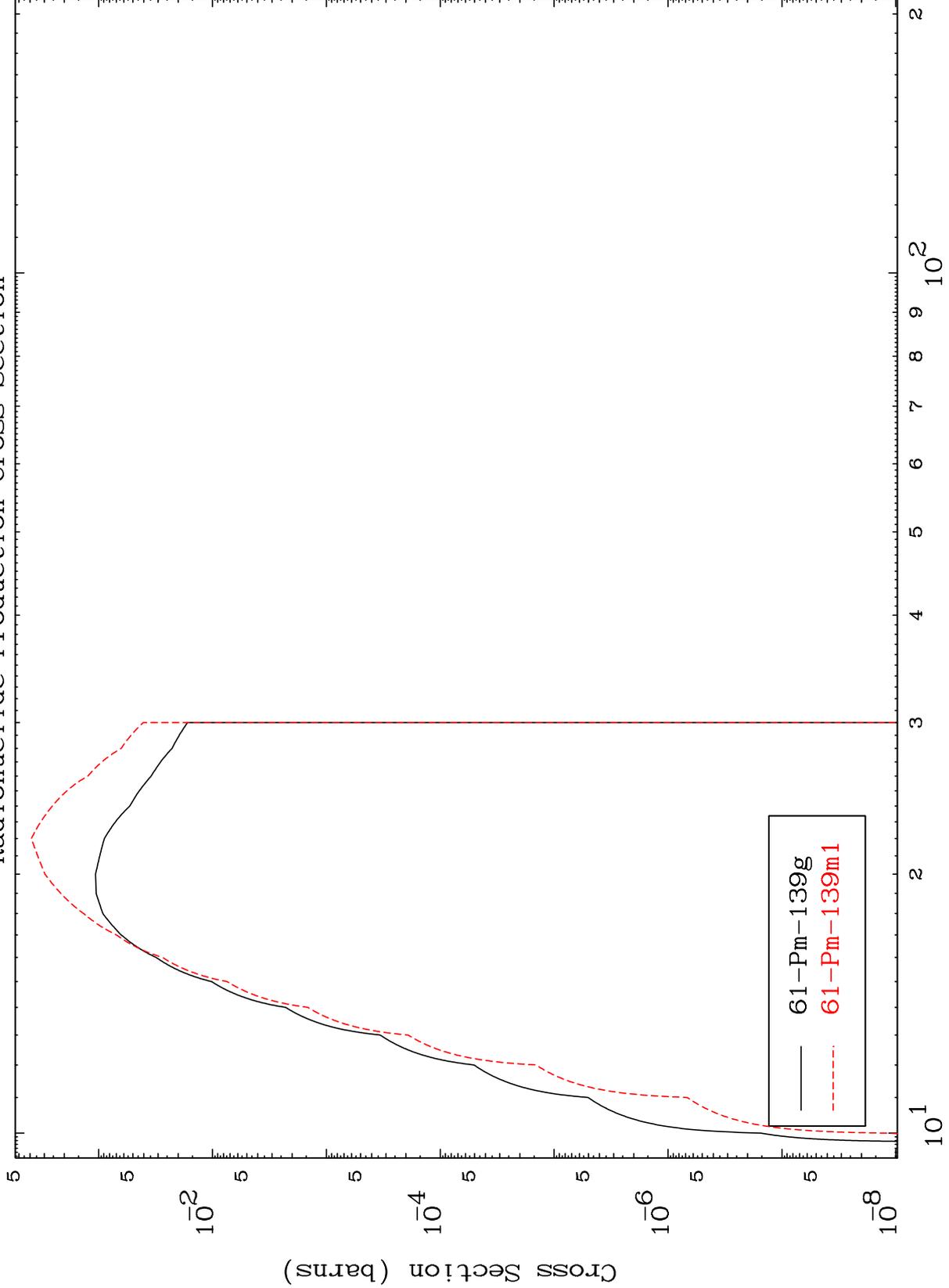
Incident Energy (MeV)

59-Pr-136

MAT 5910

Inelastic  
Radionuclide Production Cross Section

59-Pr-136



61-Pm-139g  
61-Pm-139m1

59-Pr-136

Incident Energy (MeV)

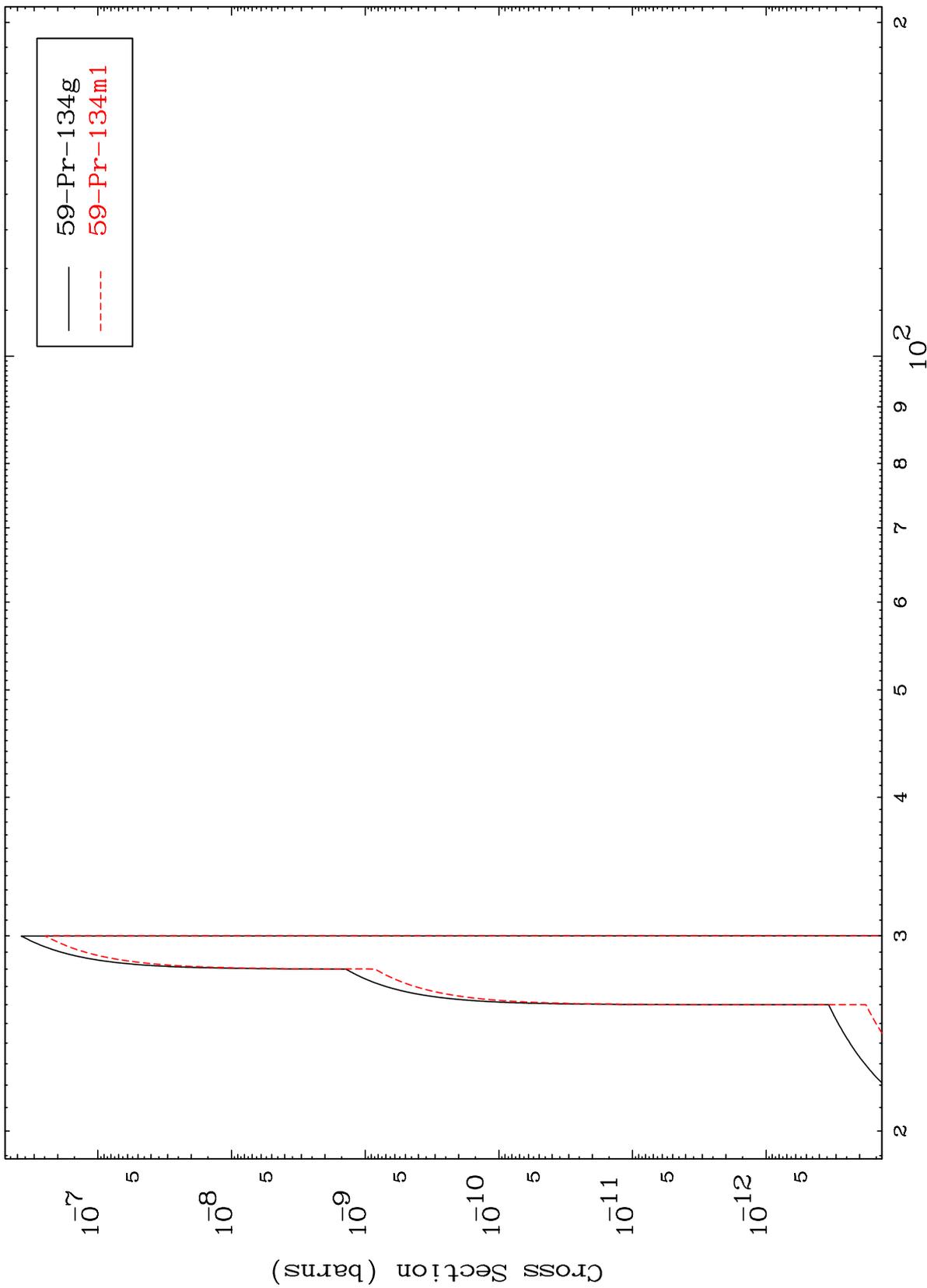
11

MAT 5910

(n,2n)  $\alpha$

59-Pr-136

Radionuclide Production Cross Section

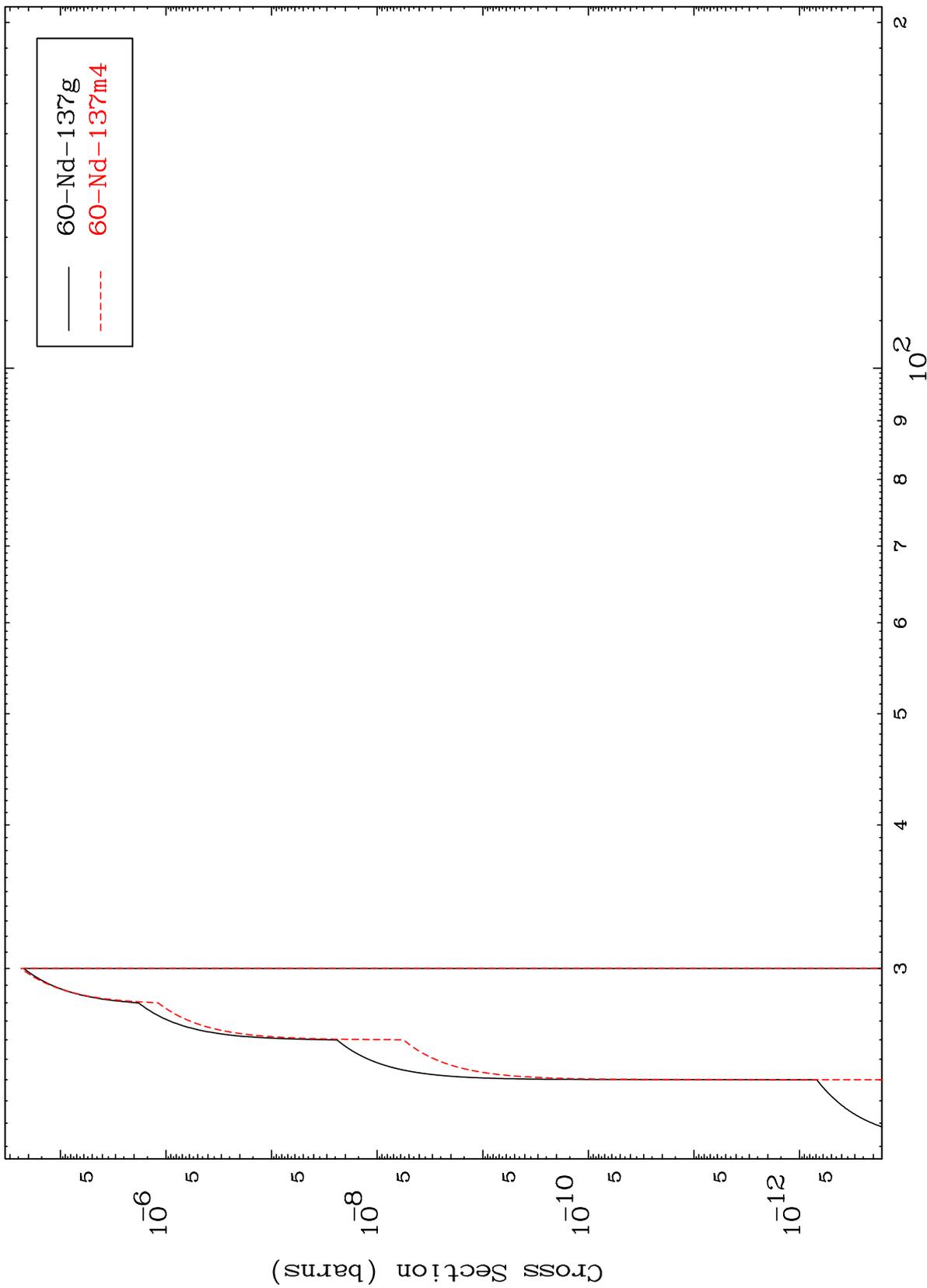


12

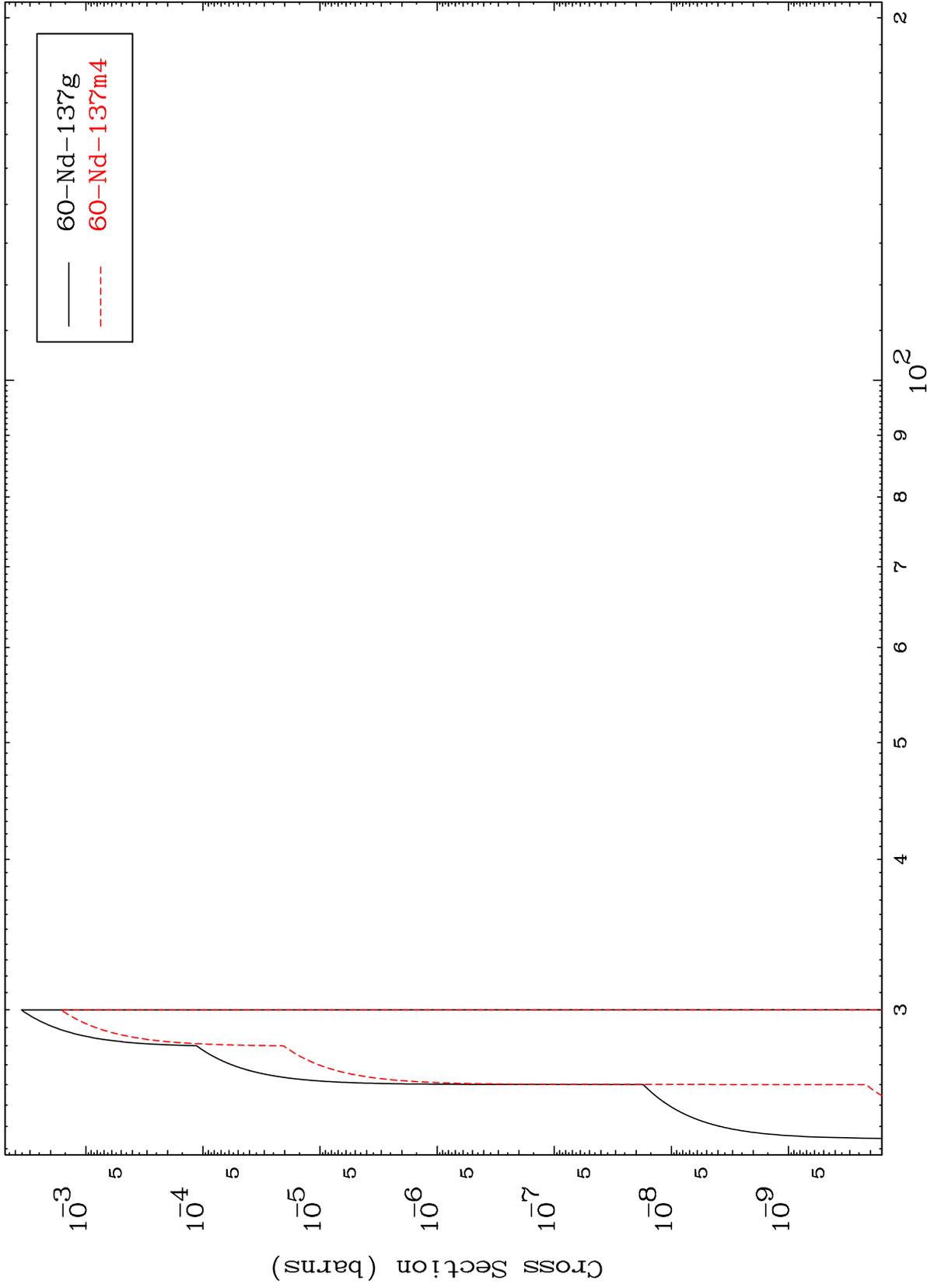
Incident Energy (MeV)

59-Pr-136

Radionuclide Production Cross Section



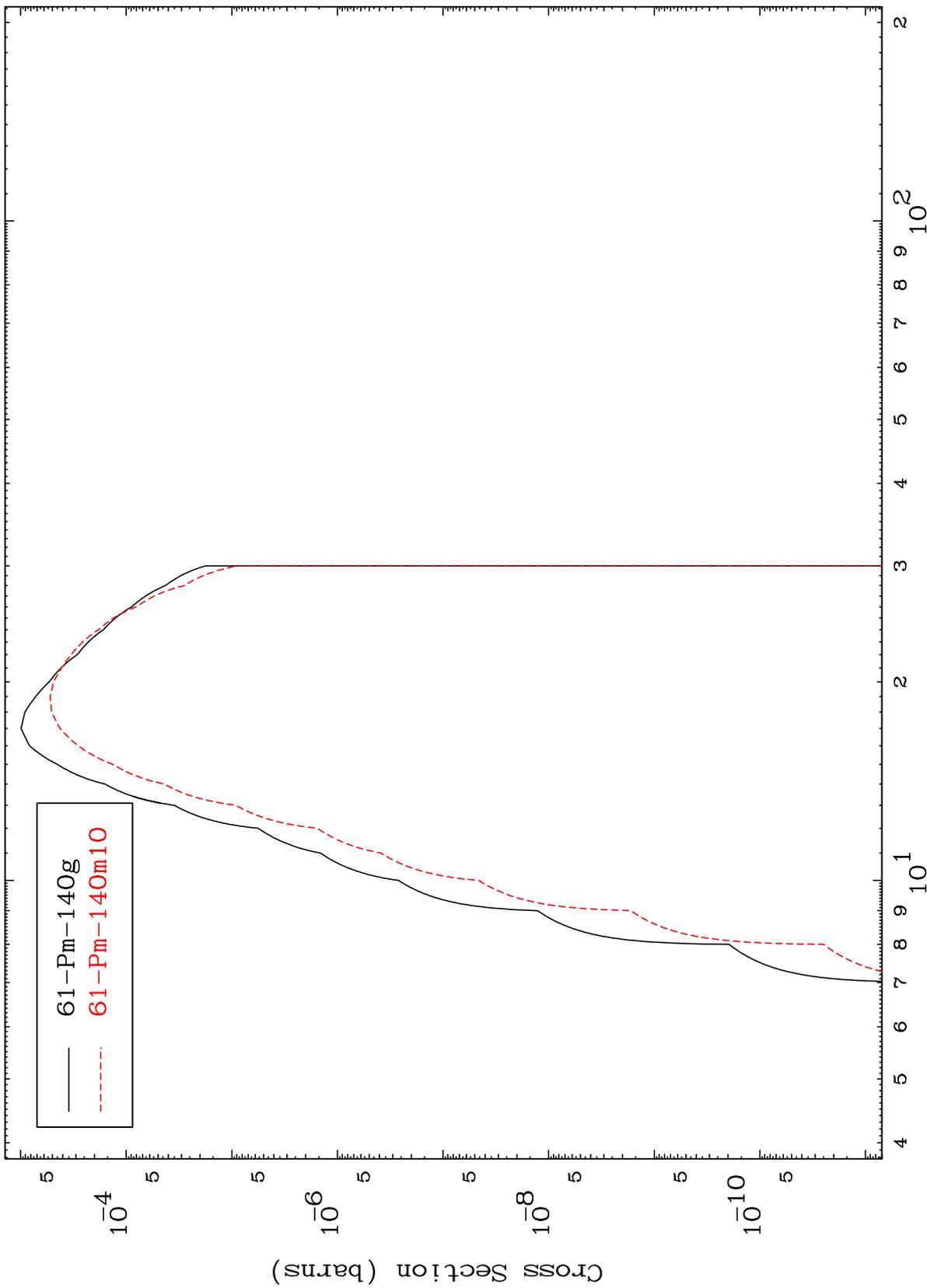
Radionuclide Production Cross Section



MAT 5910

59-Pr-136

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



59-Pr-136

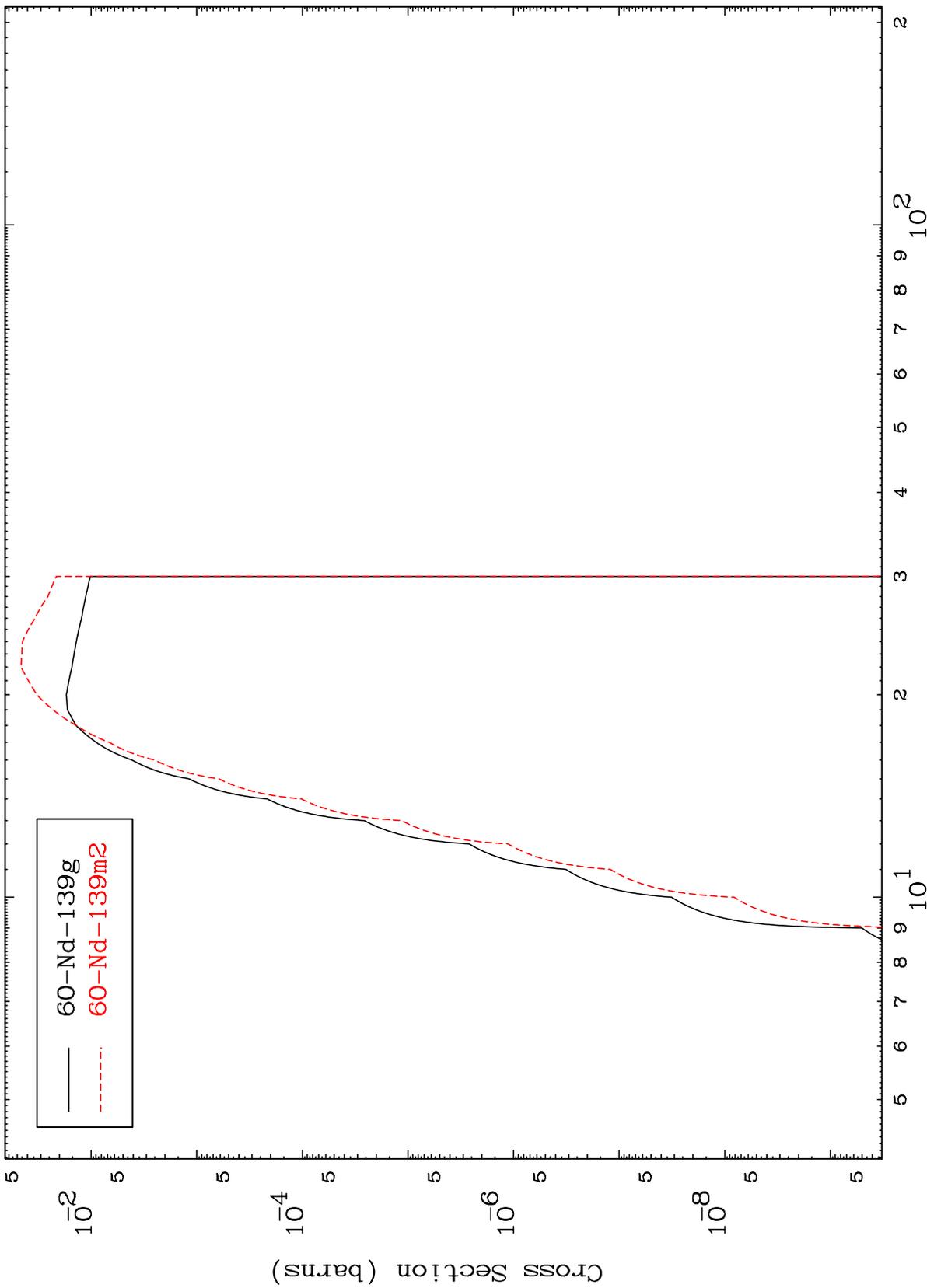
Incident Energy (MeV)

15

MAT 5910

59-Pr-136

Radionuclide Production Cross Section (n,p)

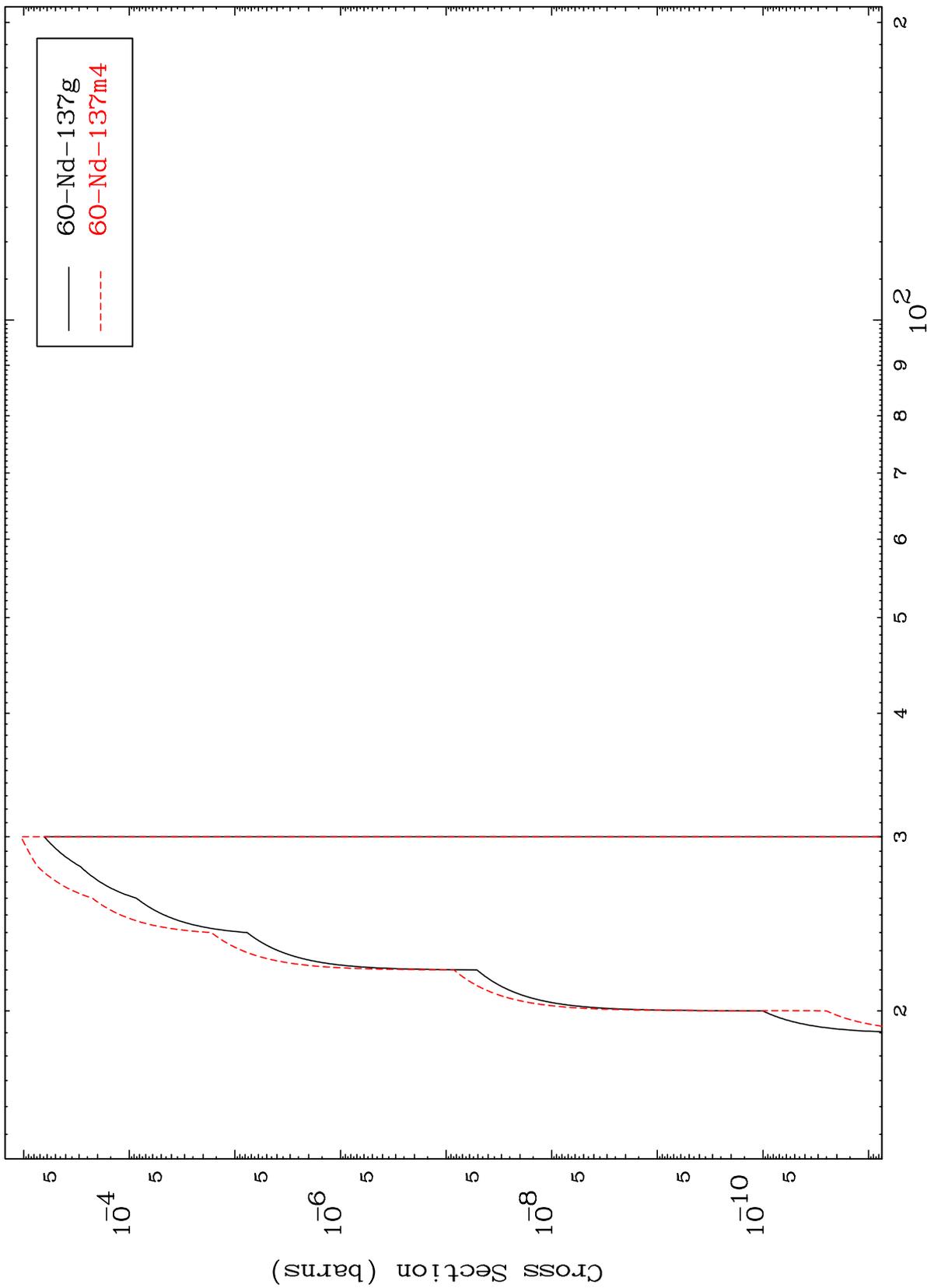


59-Pr-136

Incident Energy (MeV)

16

(n,t)  
Radionuclide Production Cross Section

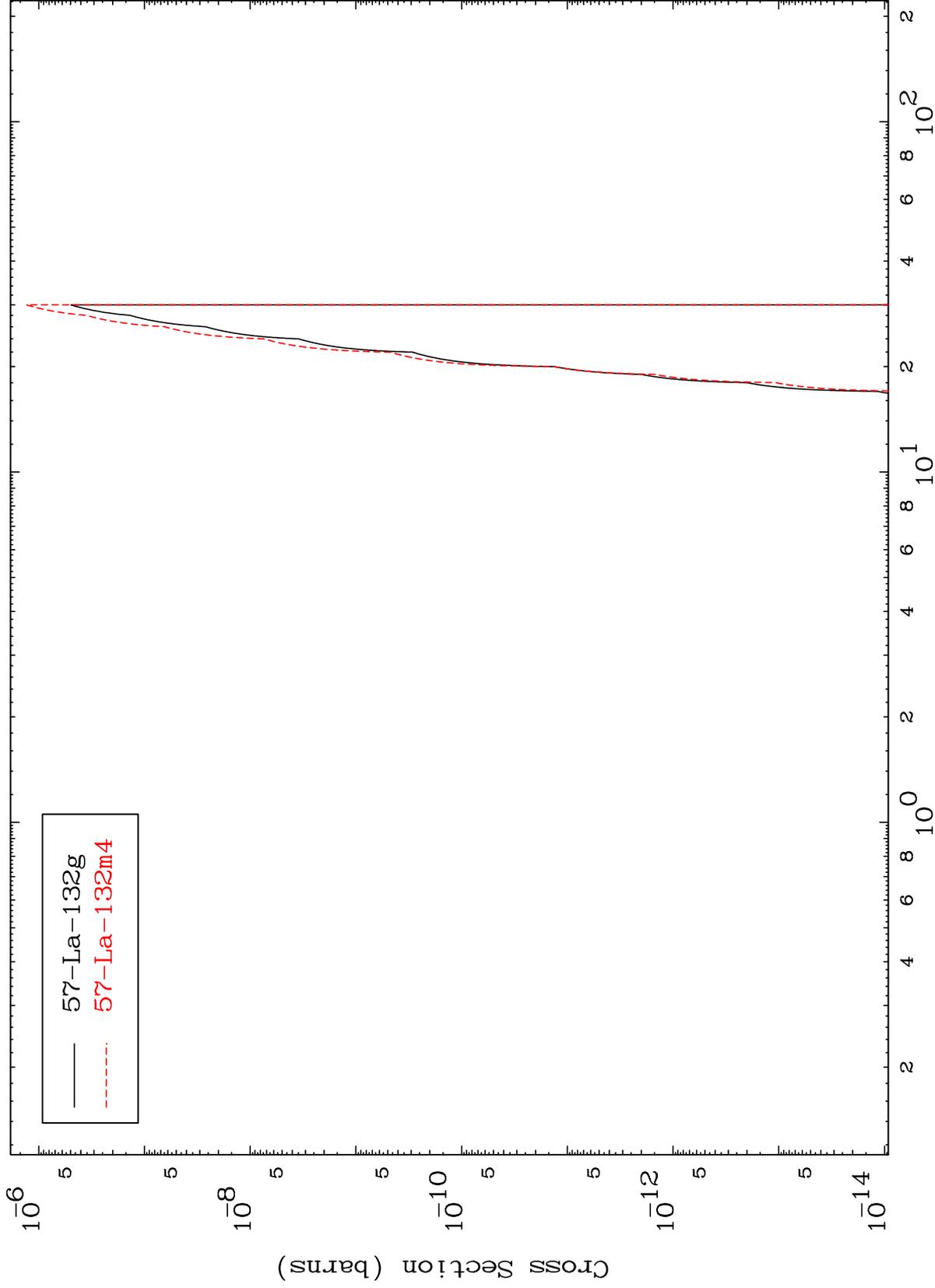


MAT 5910

(n,2α)

59-Pr-136

Radionuclide Production Cross Section



18

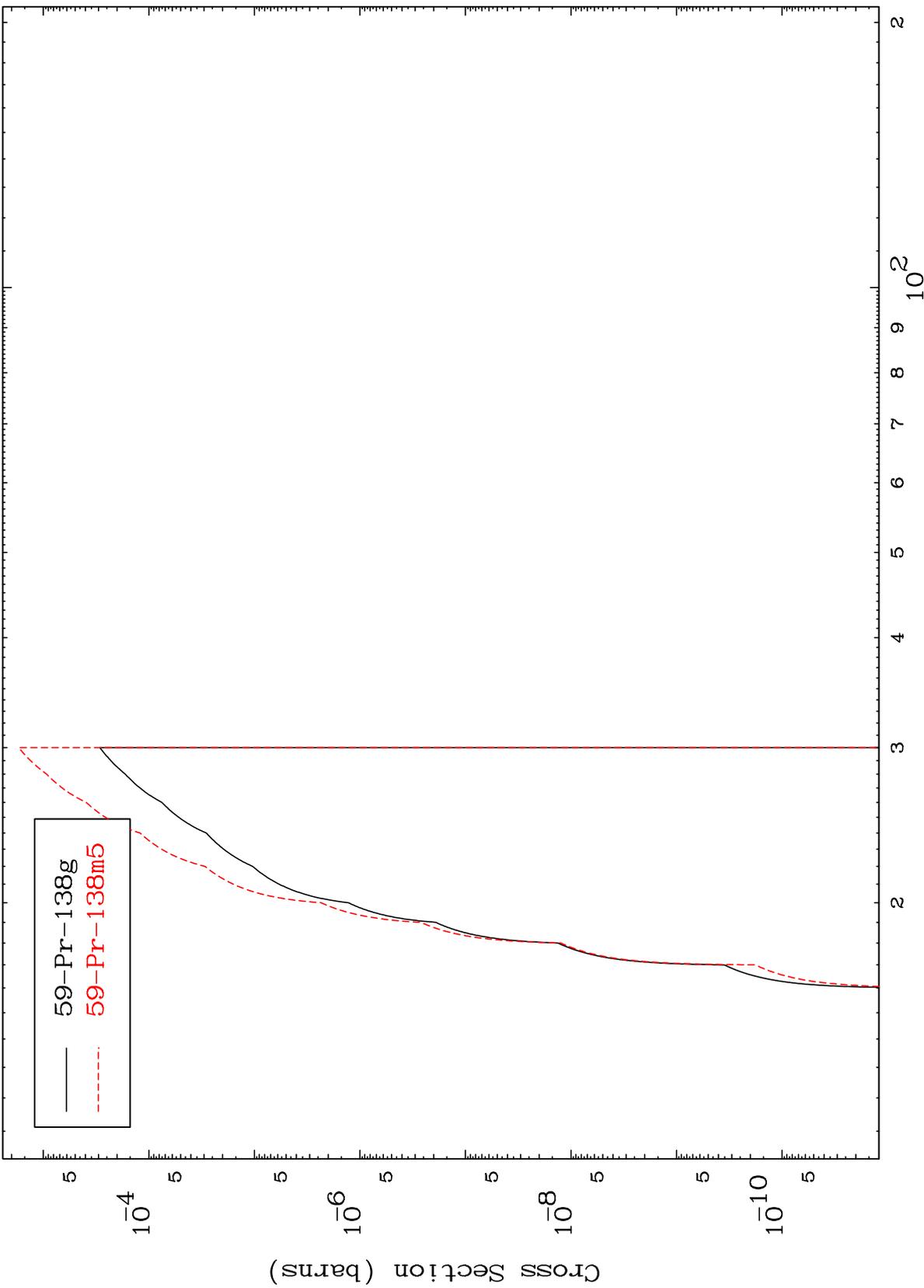
Incident Energy (MeV)

59-Pr-136

MAT 5910

59-Pr-136

(n,2p)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

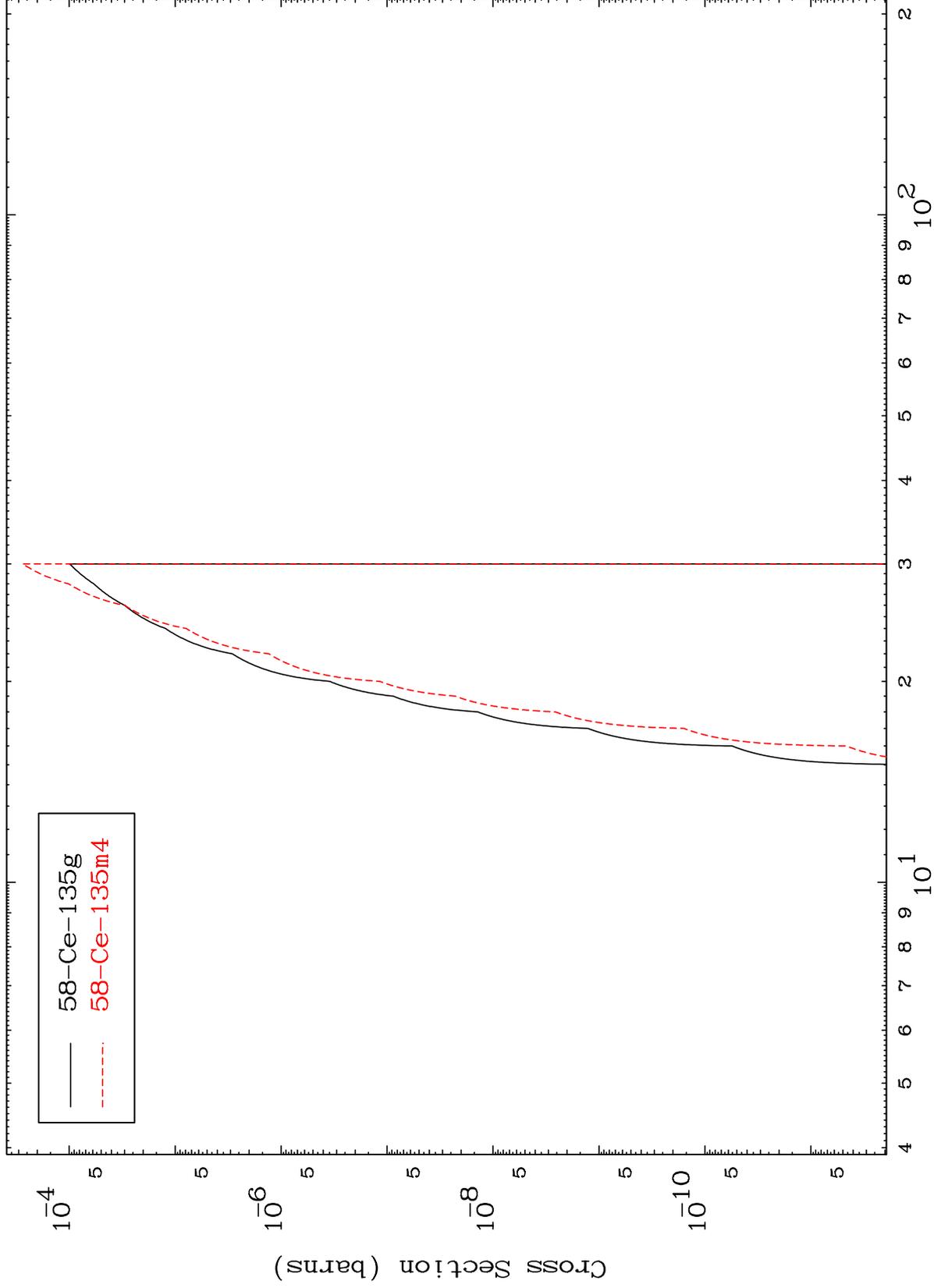
59-Pr-136

MAT 5910

(n,p)  $\alpha$

59-Pr-136

Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-136