

Program EVALPLOT  
(Version 2021-1)

by

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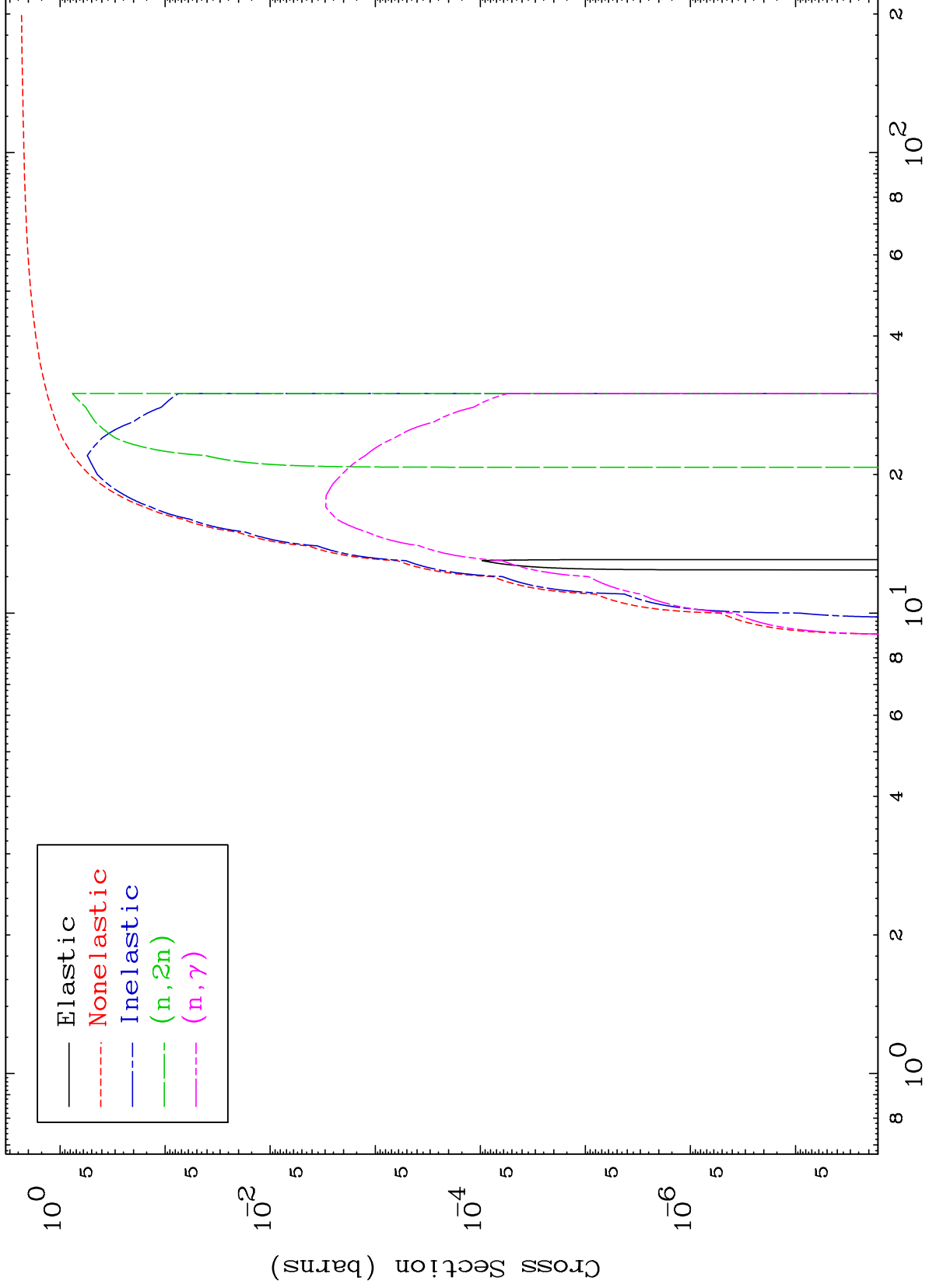
Press Mouse Button to Start

MAT 5910

0 Kelvin

$\alpha$  Major Cross Sections

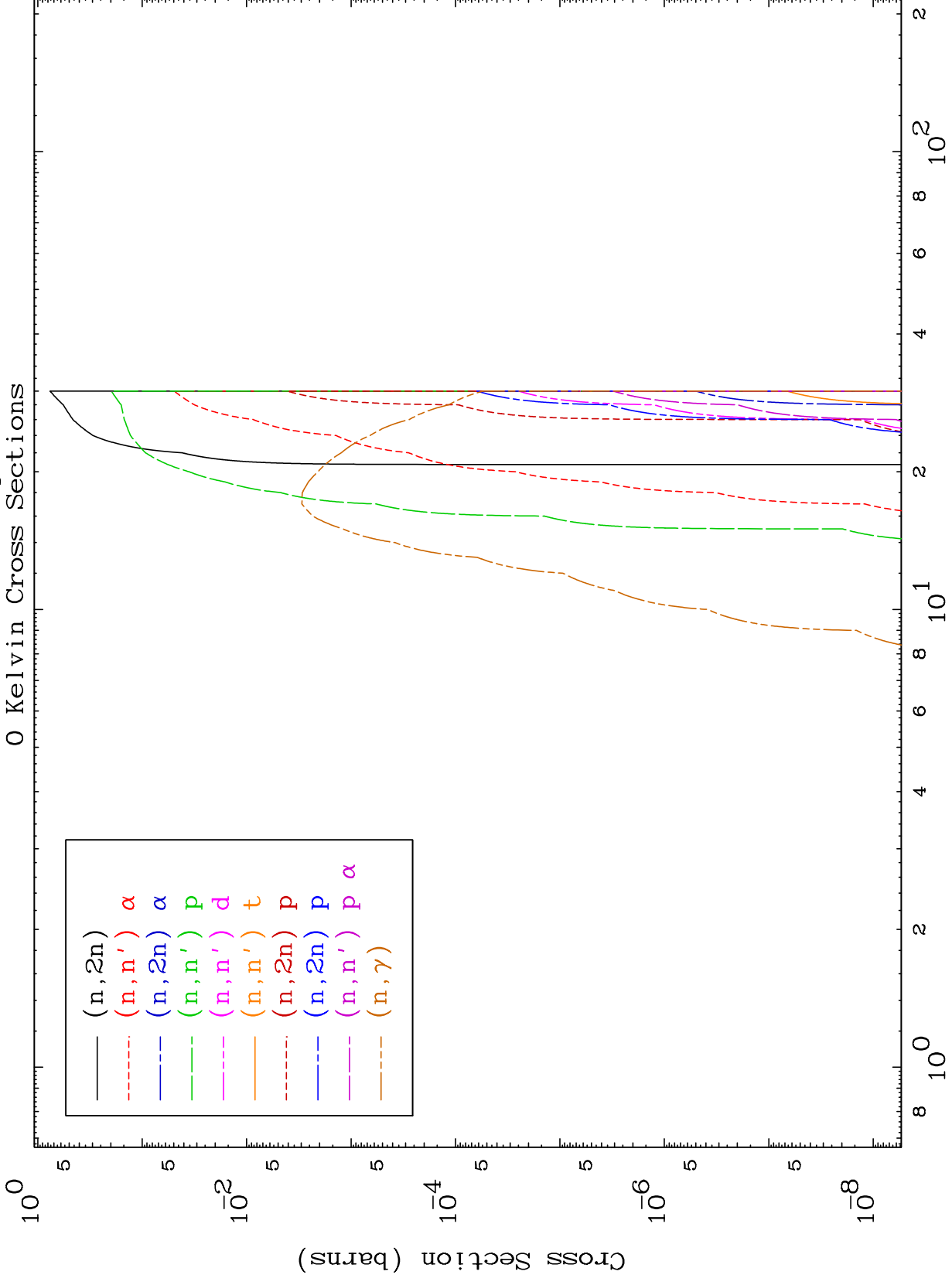
59-Pr-136

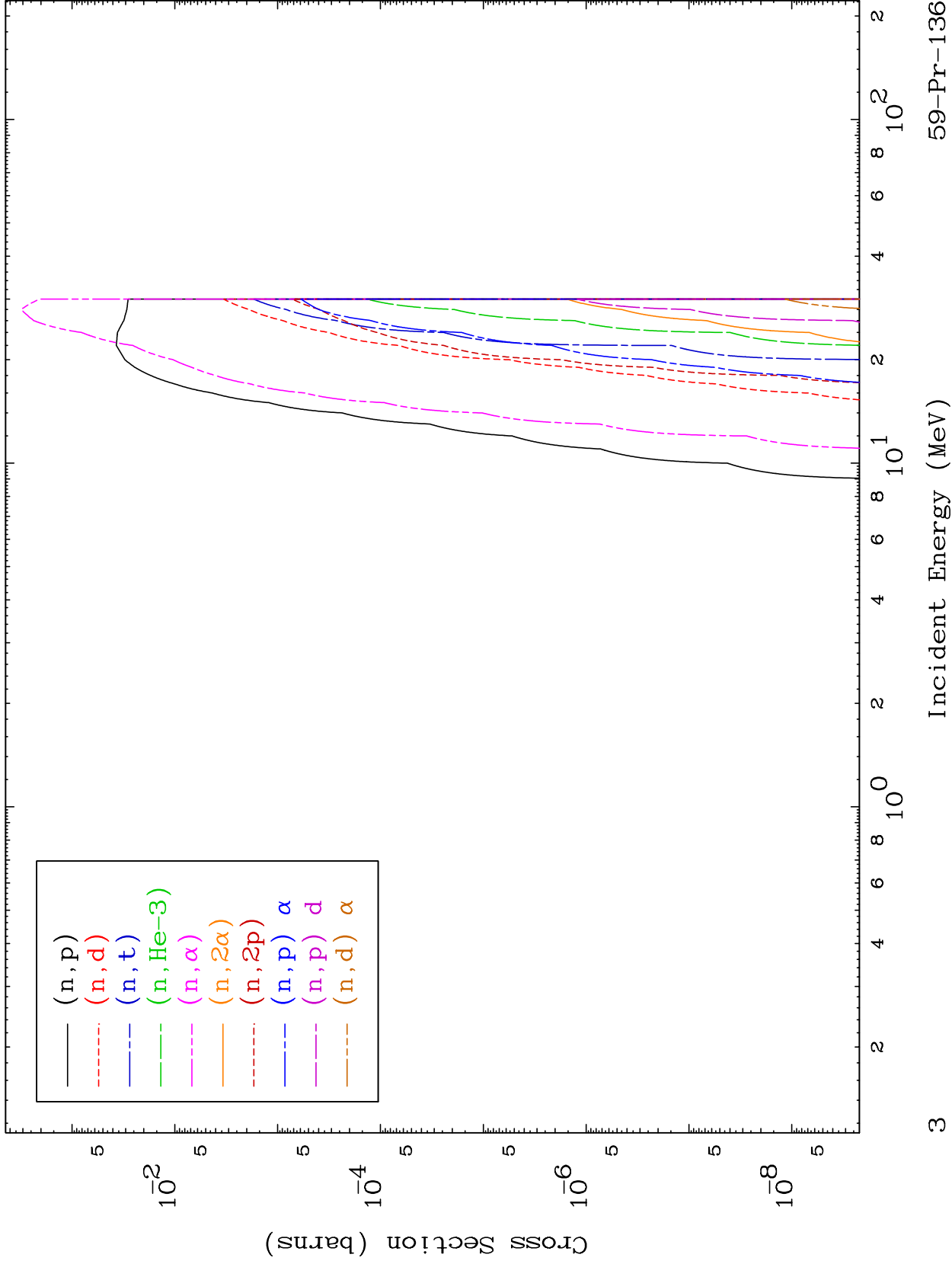


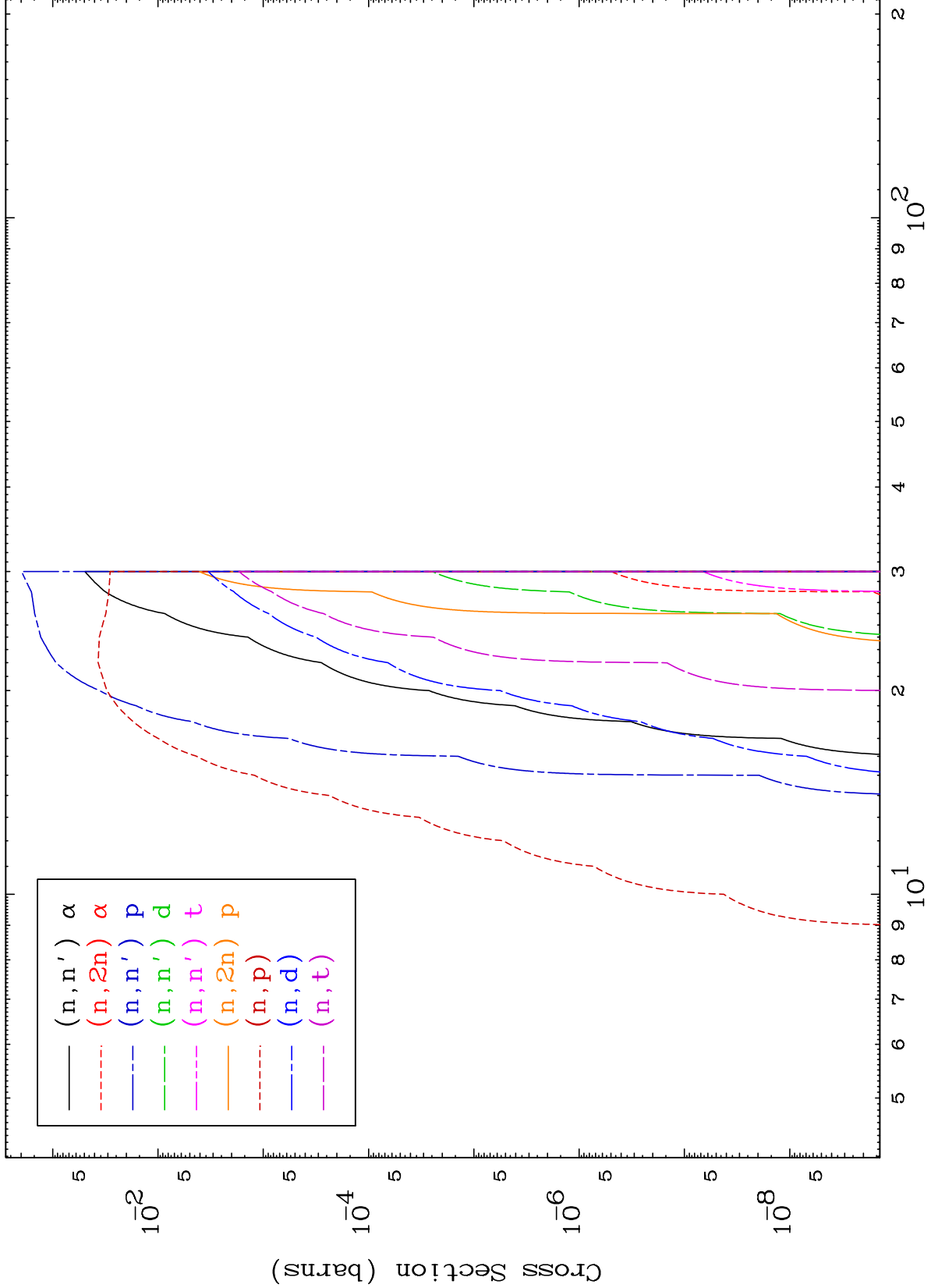
1

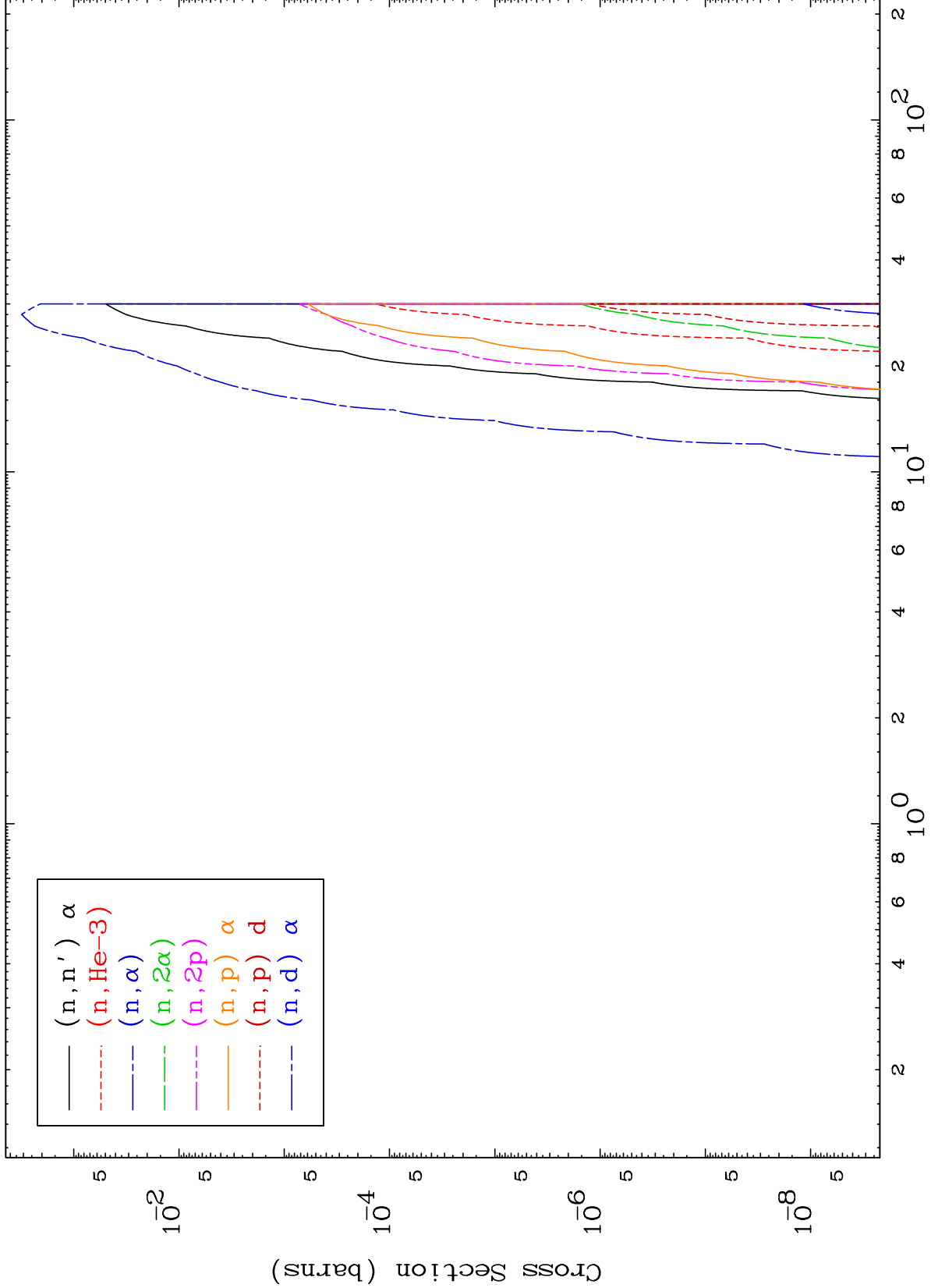
Incident Energy (MeV)

59-Pr-136

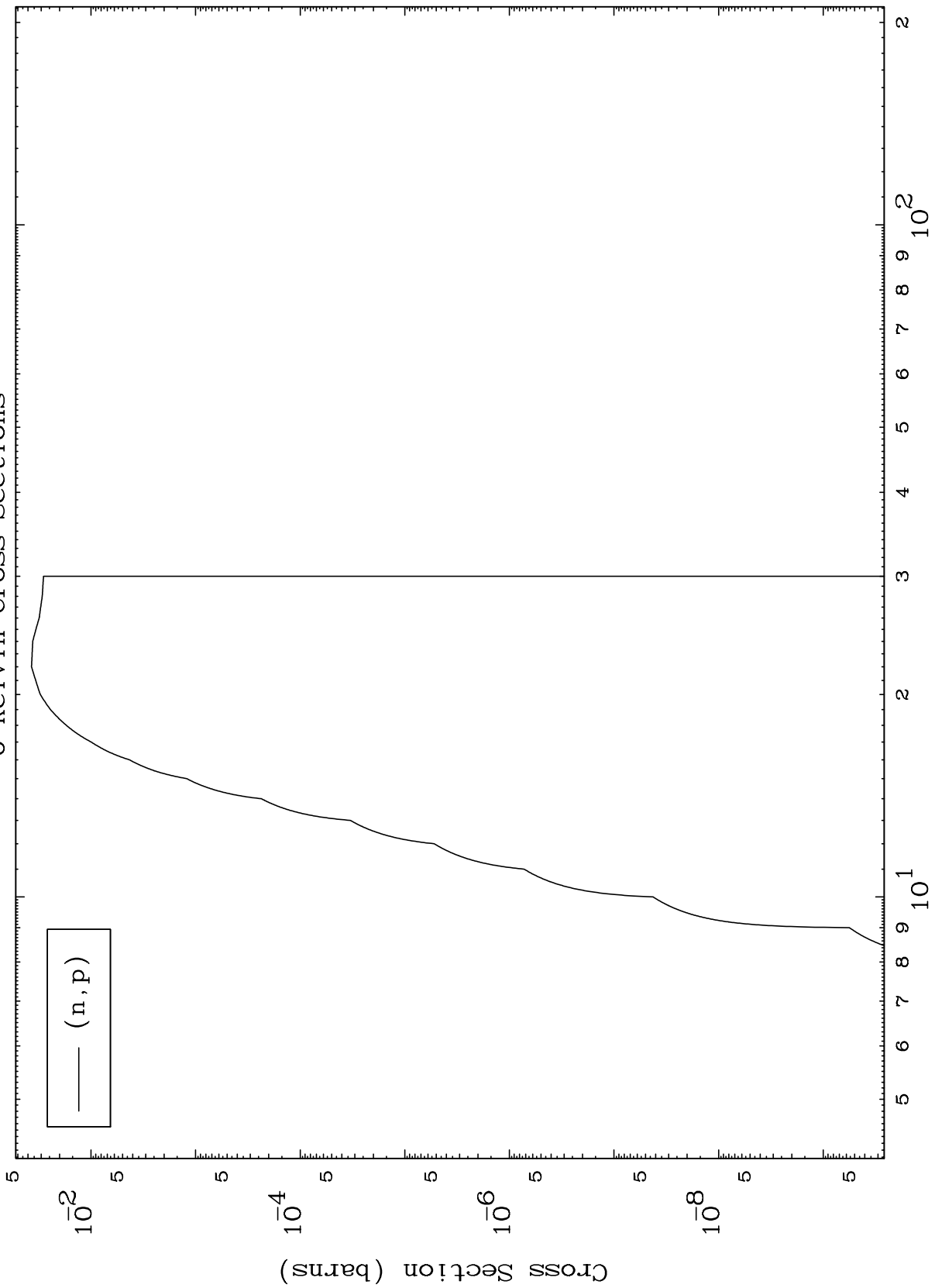








( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

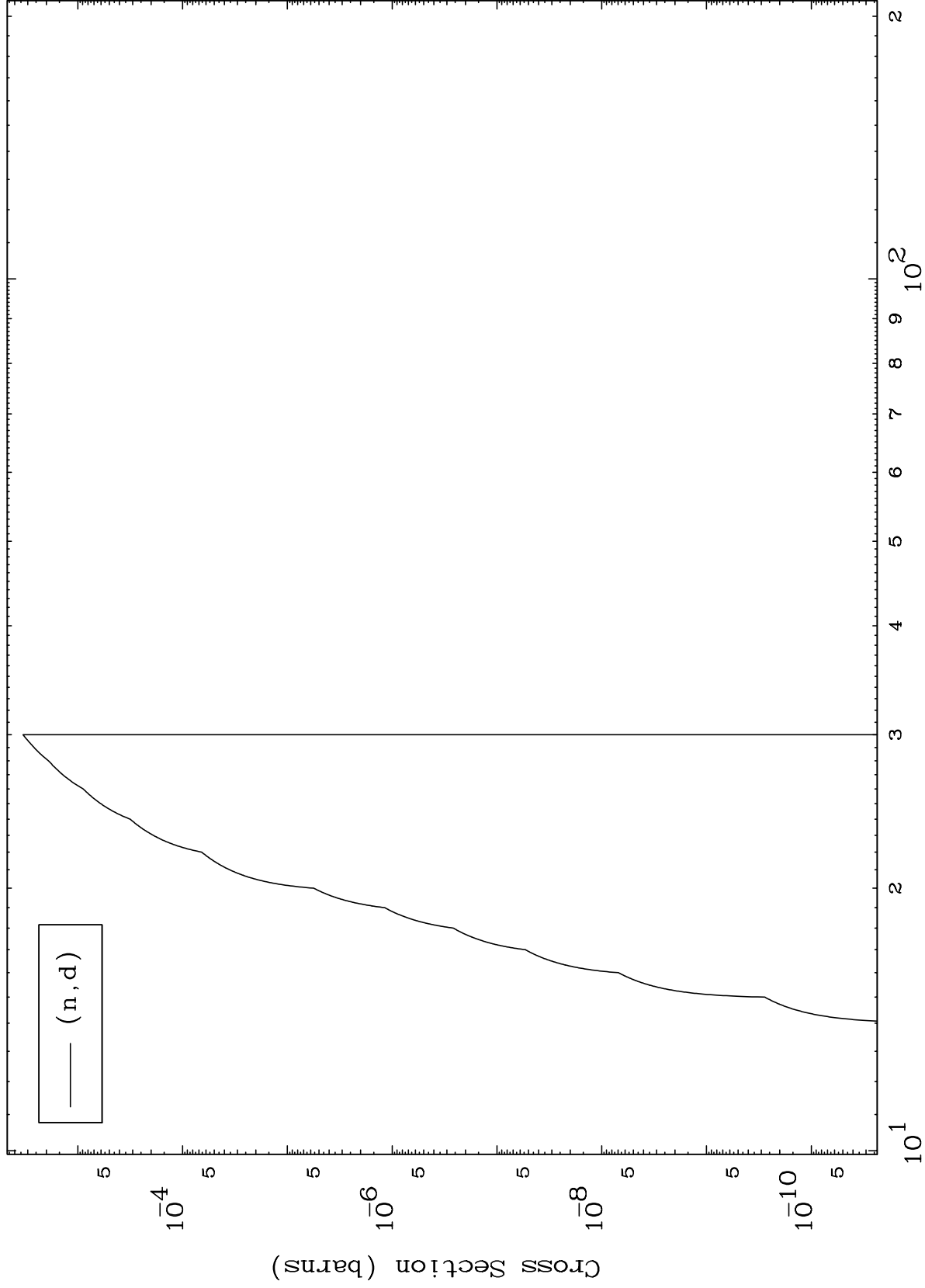


MAT 5910

( $\alpha, d$ ) Levels

59-Pr-136

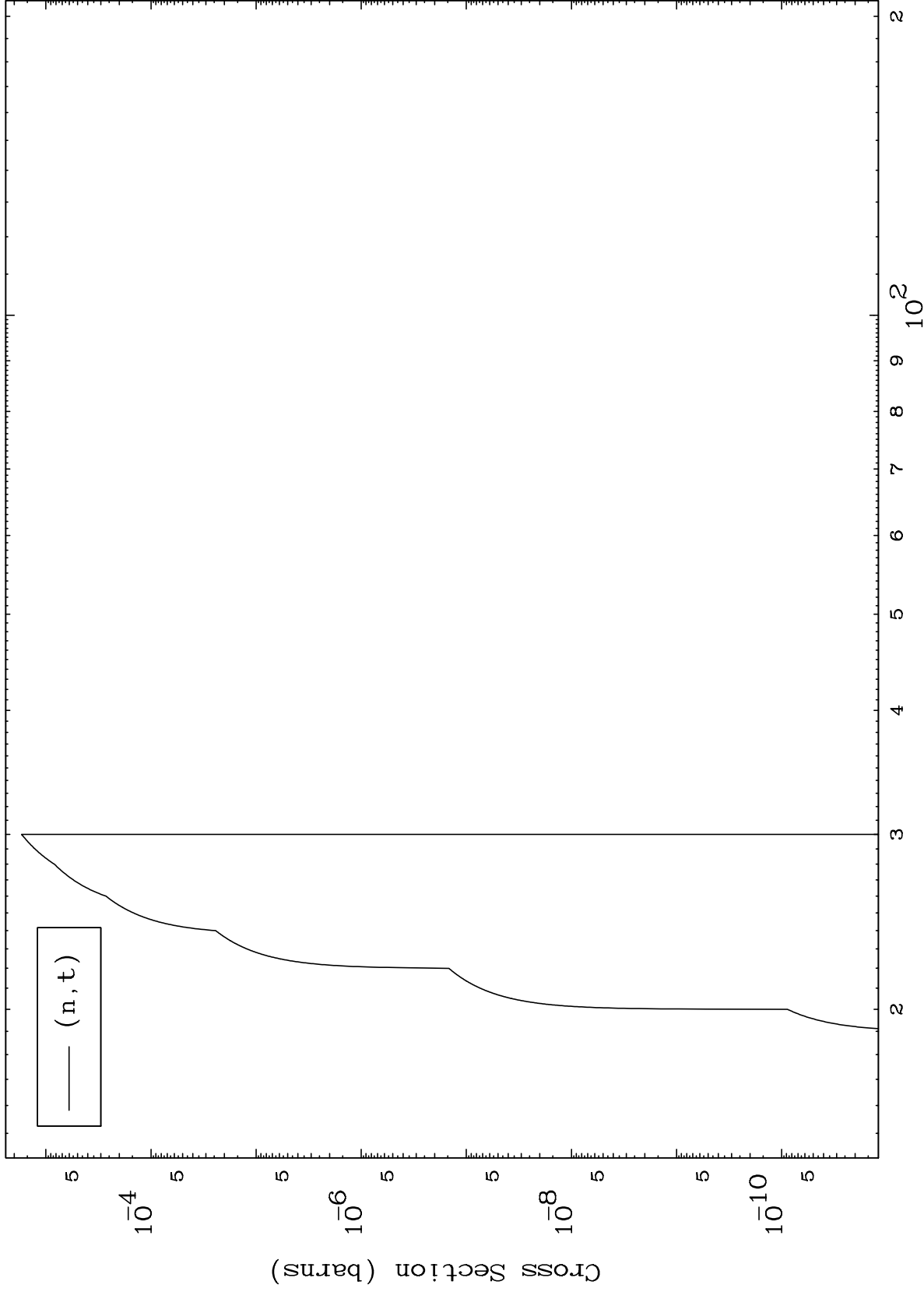
0 Kelvin Cross Sections



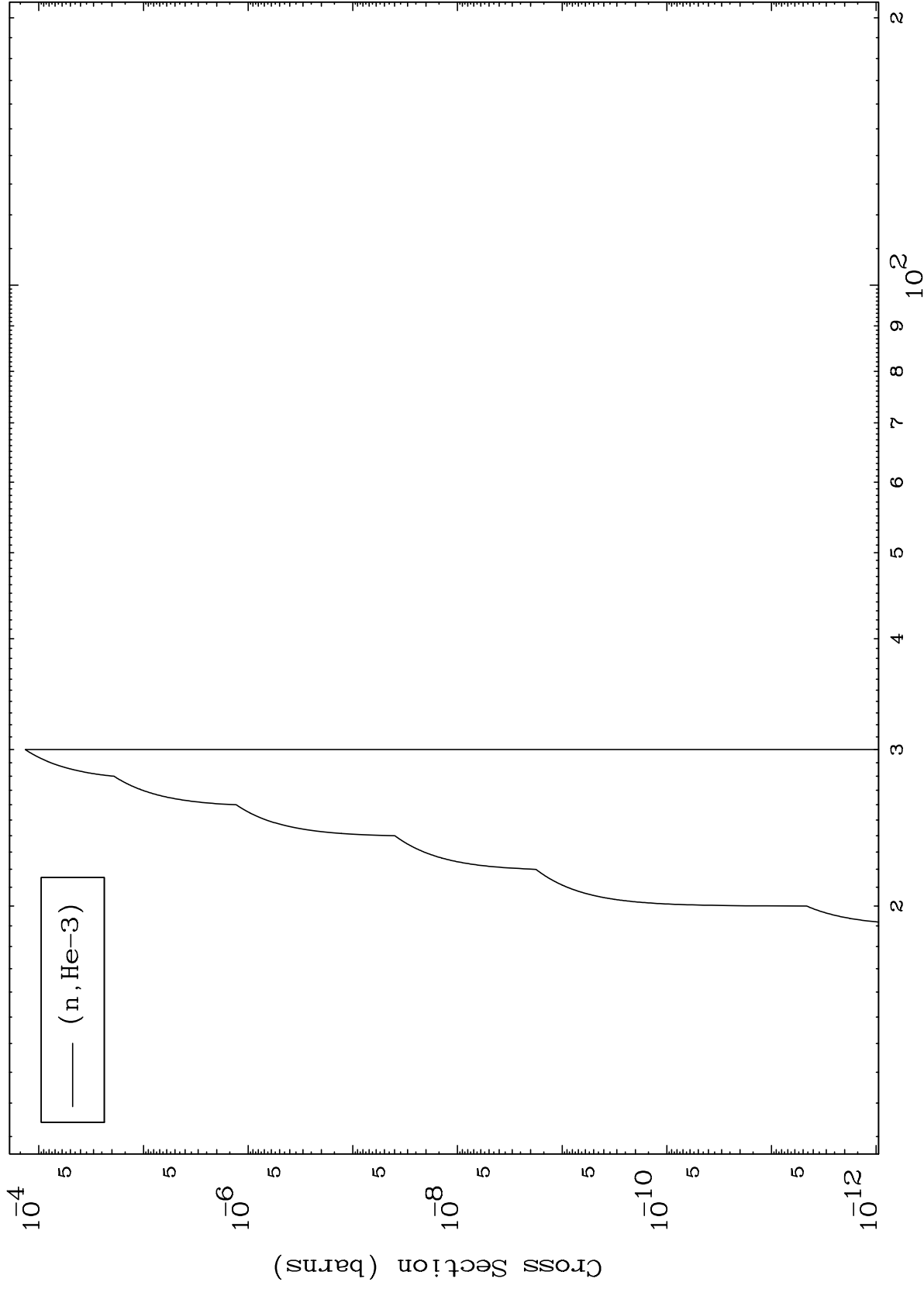
Incident Energy (MeV)

59-Pr-136





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

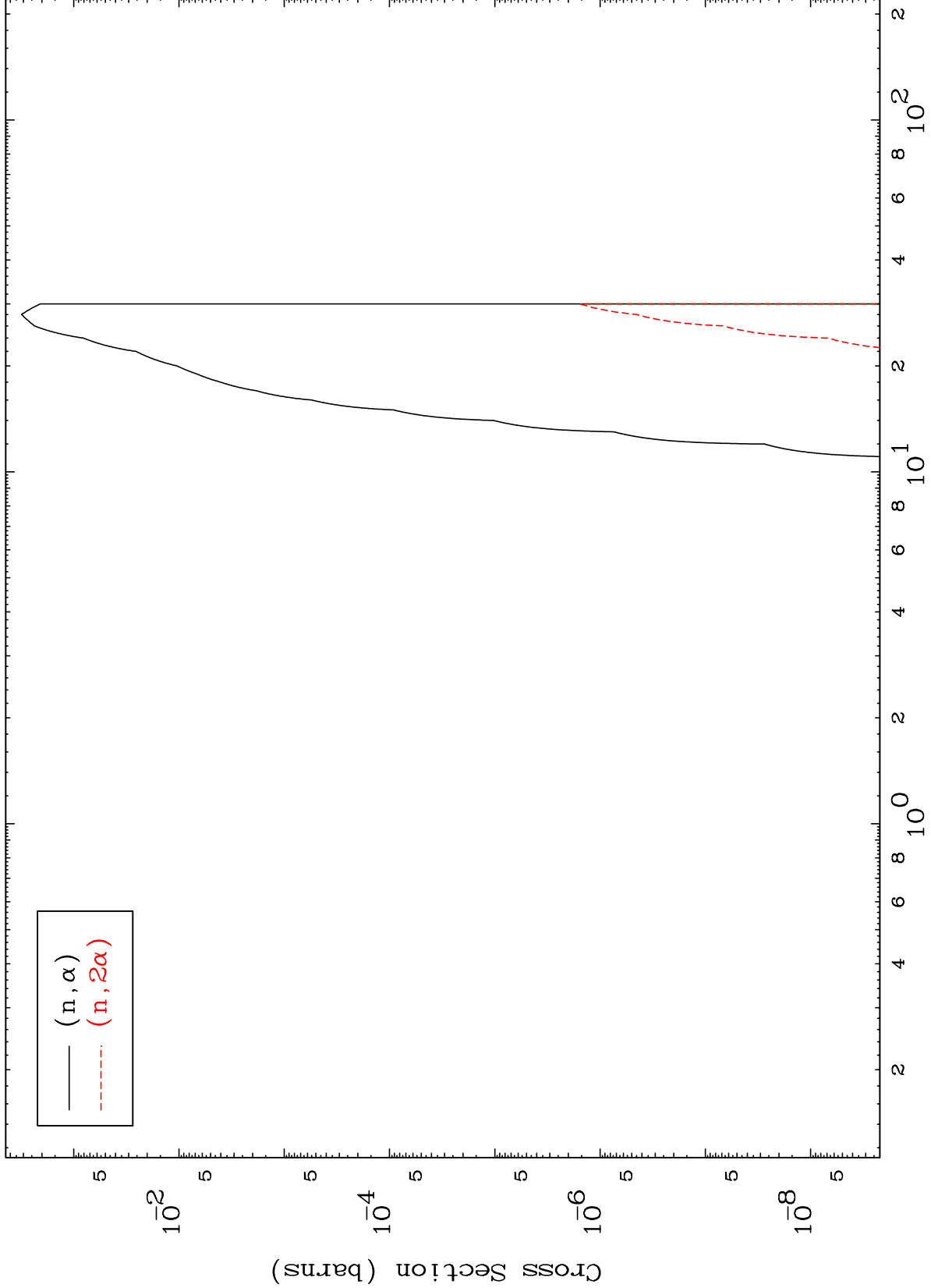


MAT 5910

( $\alpha, \alpha$ ) Levels

59-Pr-136

0 Kelvin Cross Sections



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

10

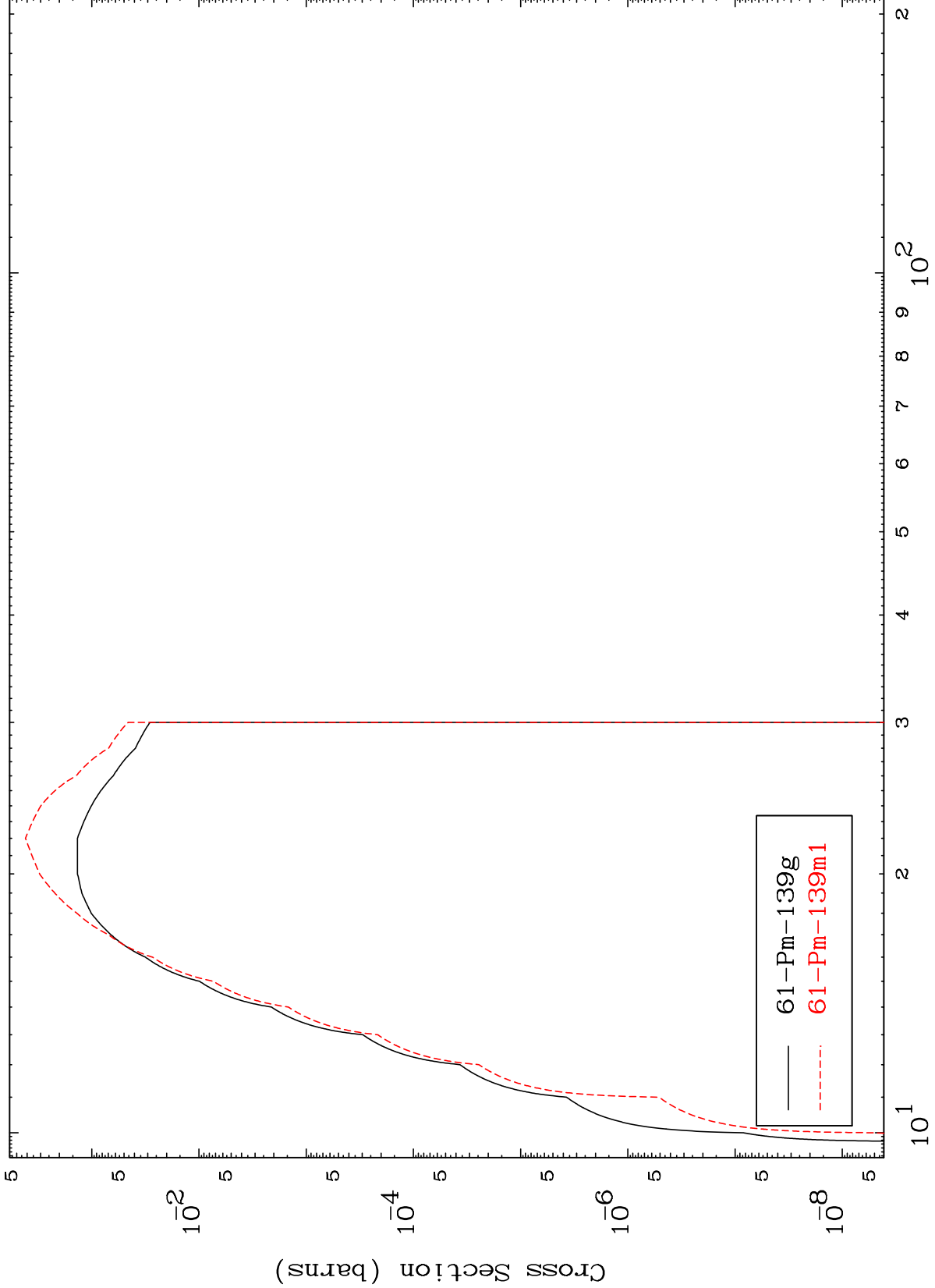
Incident Energy (MeV)

59-Pr-136

MAT 5910

Inelastic  
Radionuclide Production Cross Section

59-Pr-136



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Incident Energy (MeV)

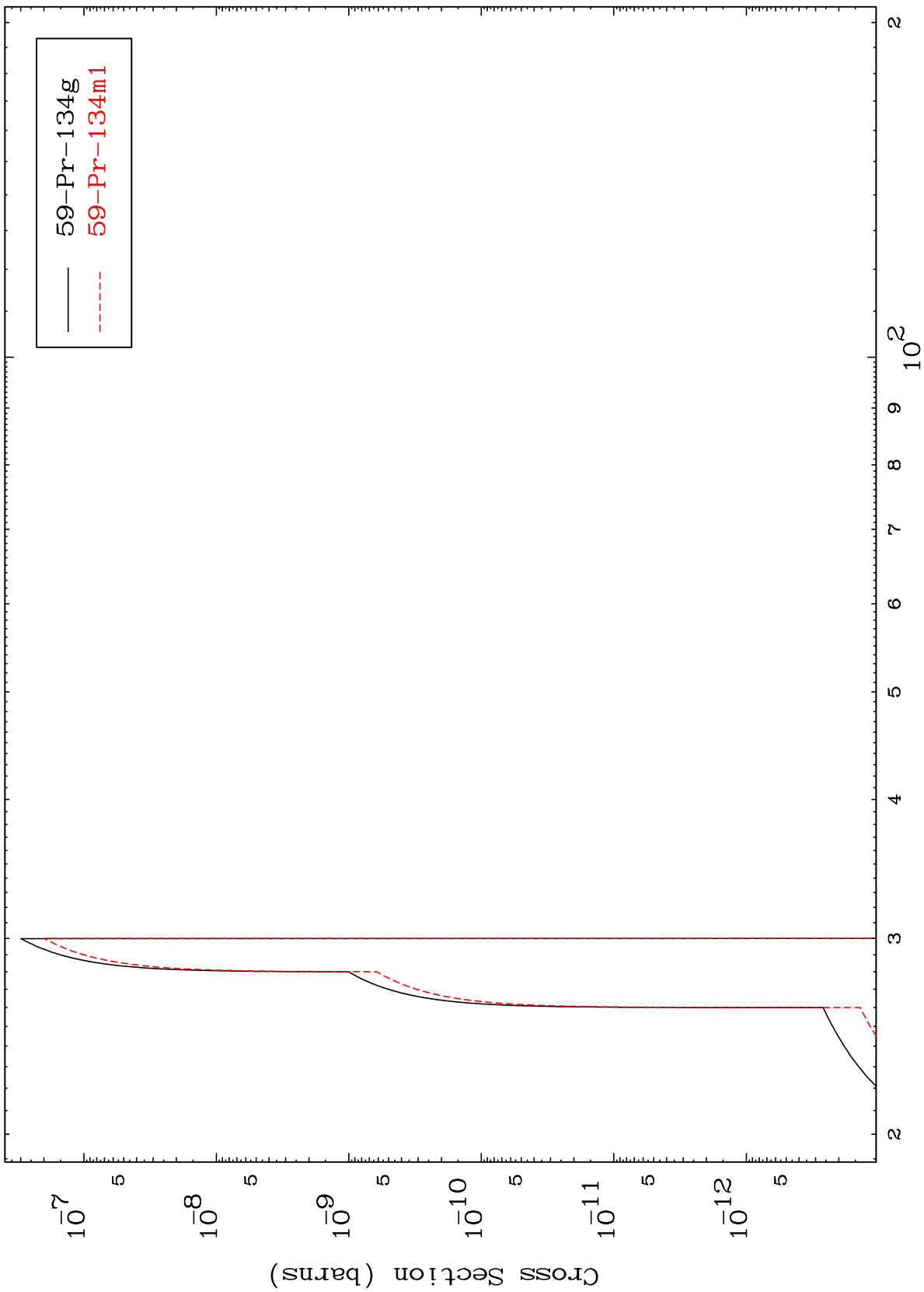
59-Pr-136

MAT 5910

(n,2n)  $\alpha$

59-Pr-136

Radionuclide Production Cross Section

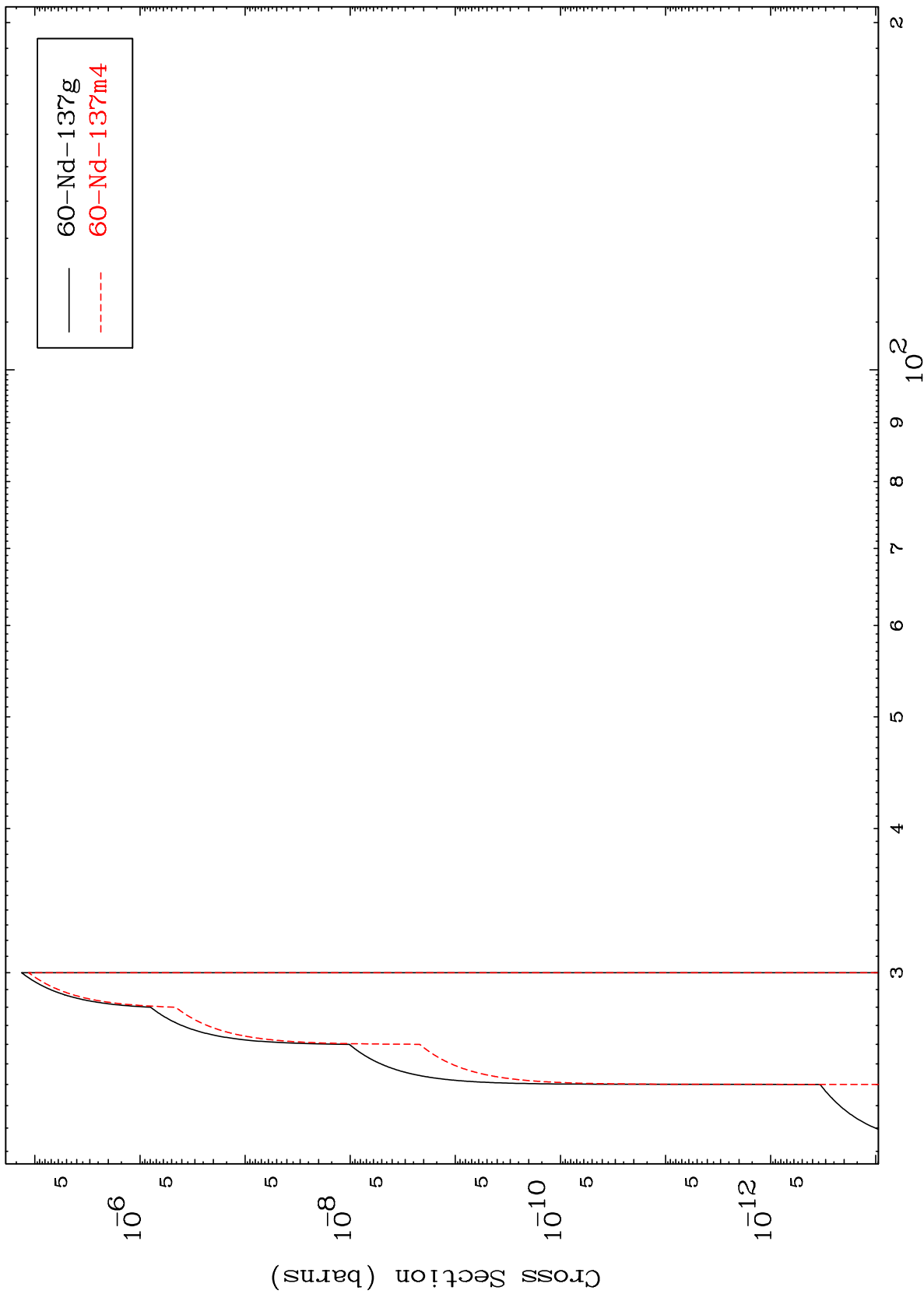


12

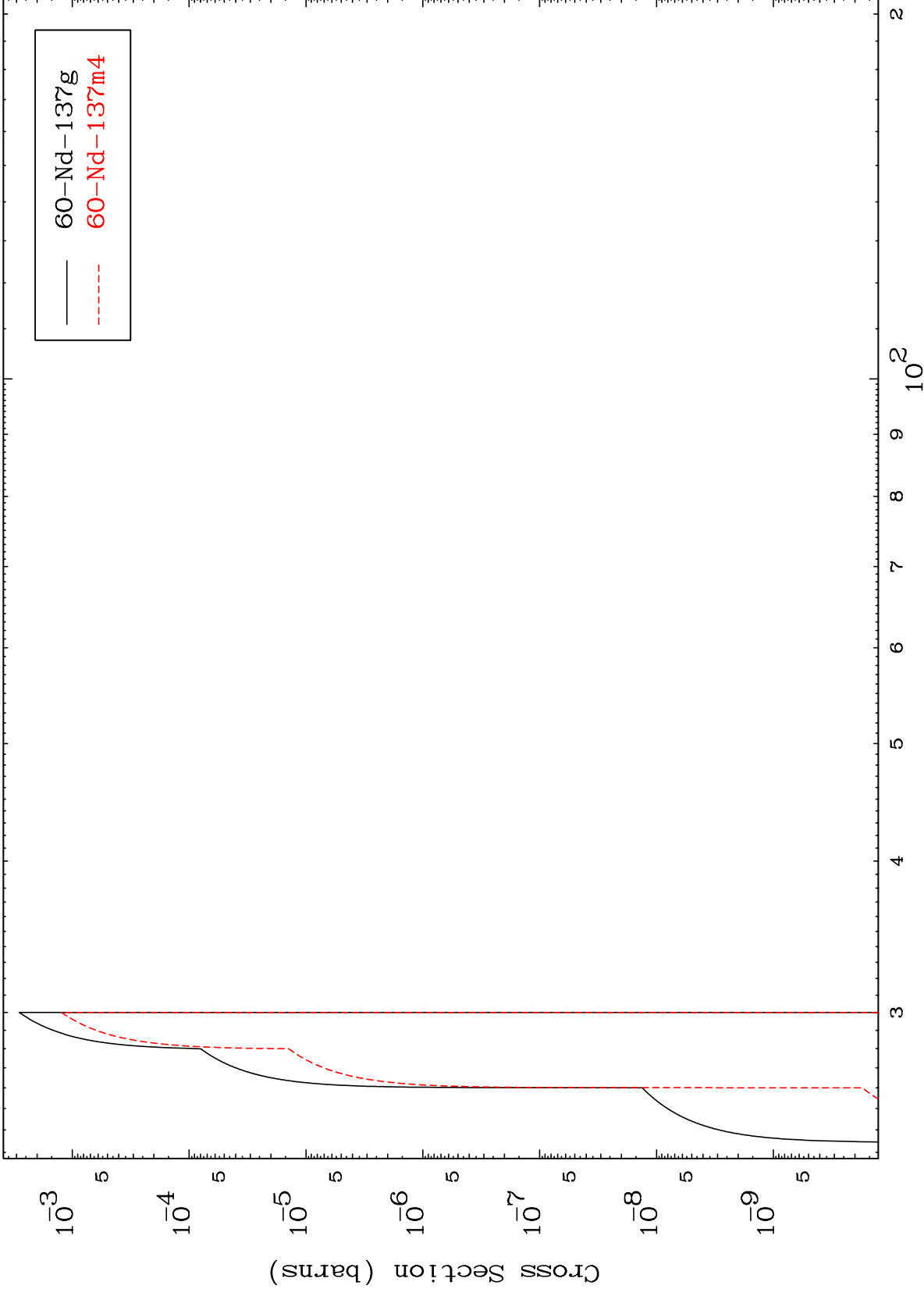
Incident Energy (MeV)

59-Pr-136

Radionuclide Production Cross Section



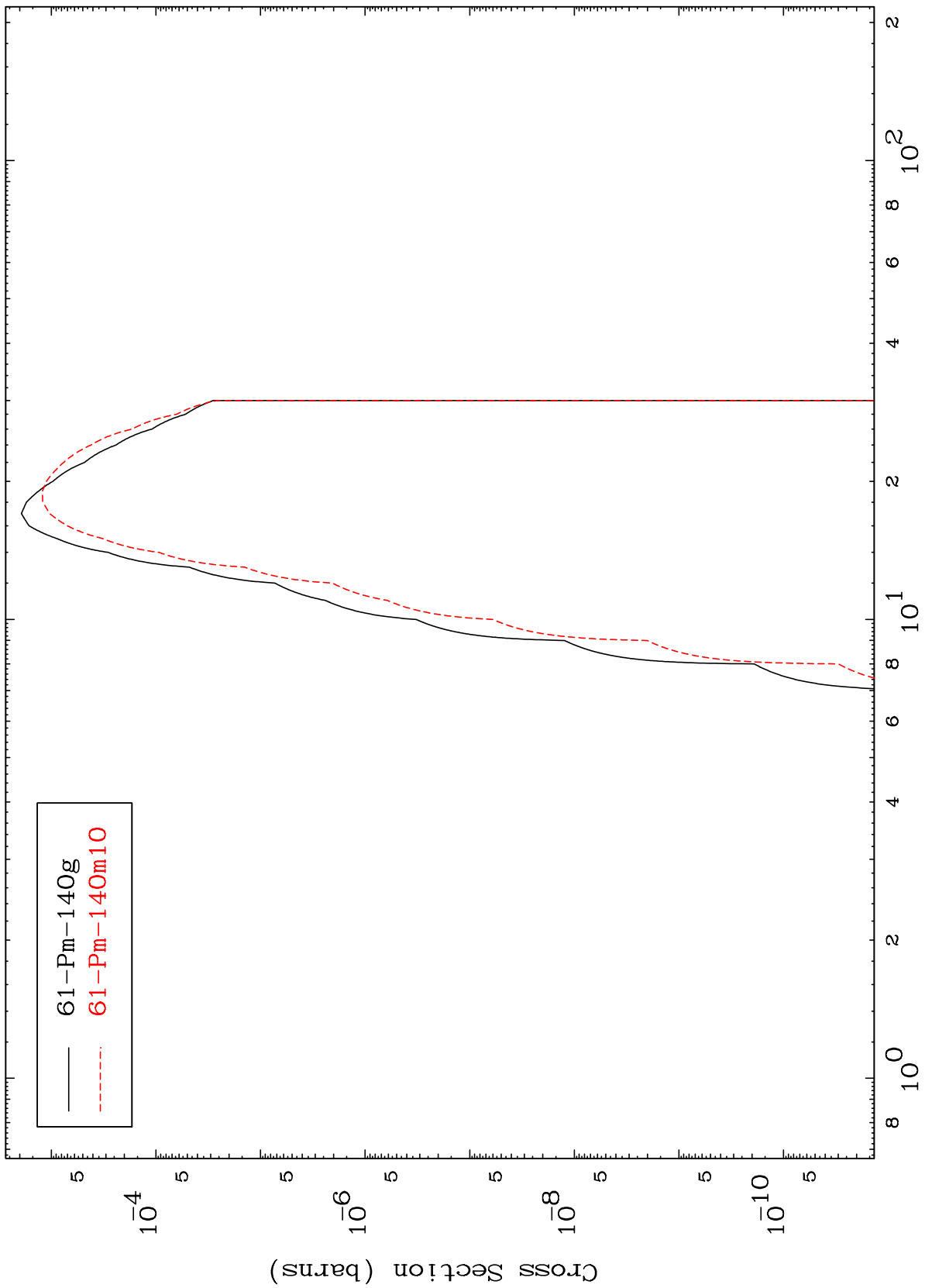
Radionuclide Production Cross Section



MAT 5910

59-Pr-136

(n,γ)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

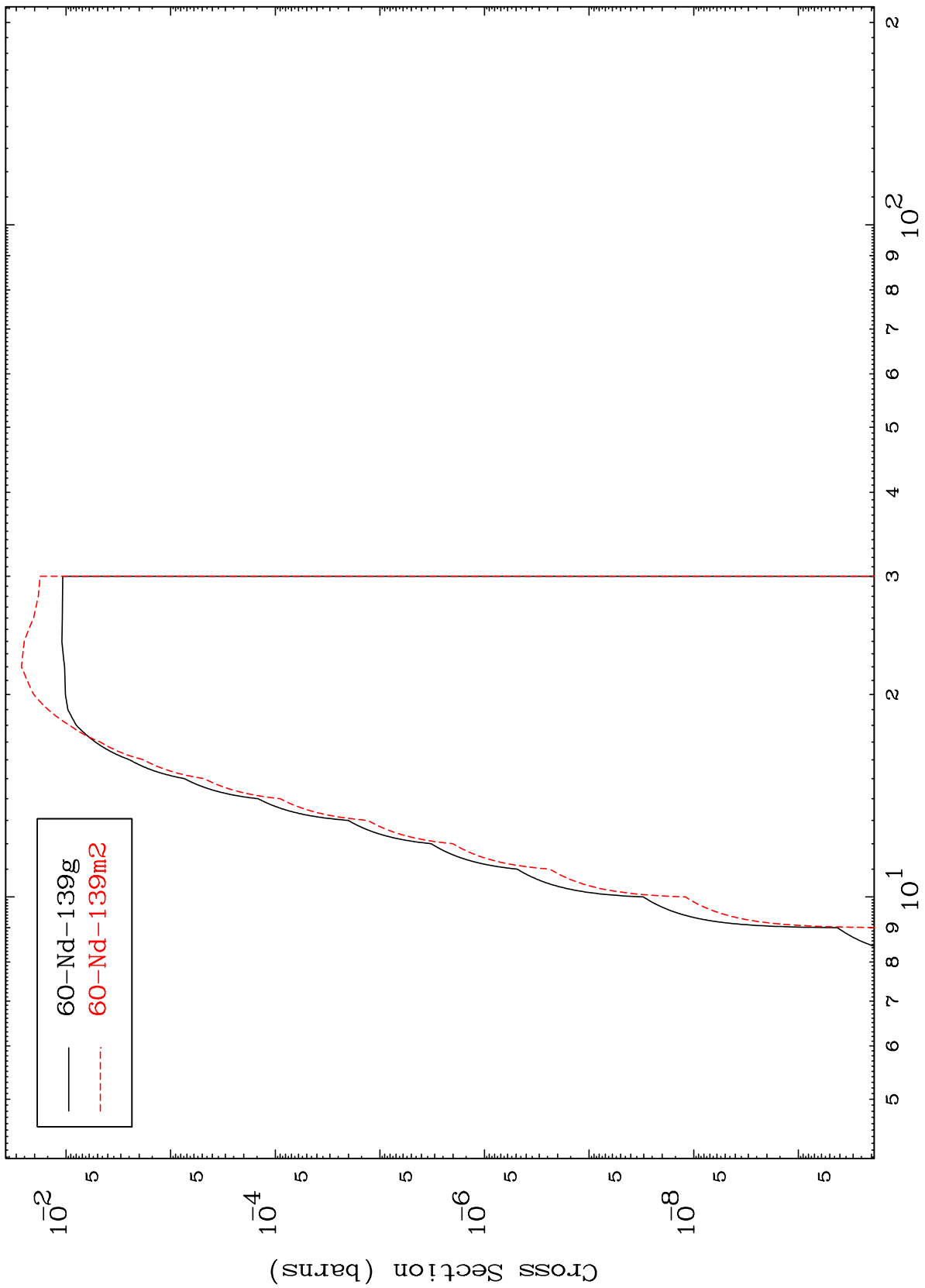
59-Pr-136



MAT 5910

59-Pr-136

Radionuclide Production Cross Section (n,p)



16

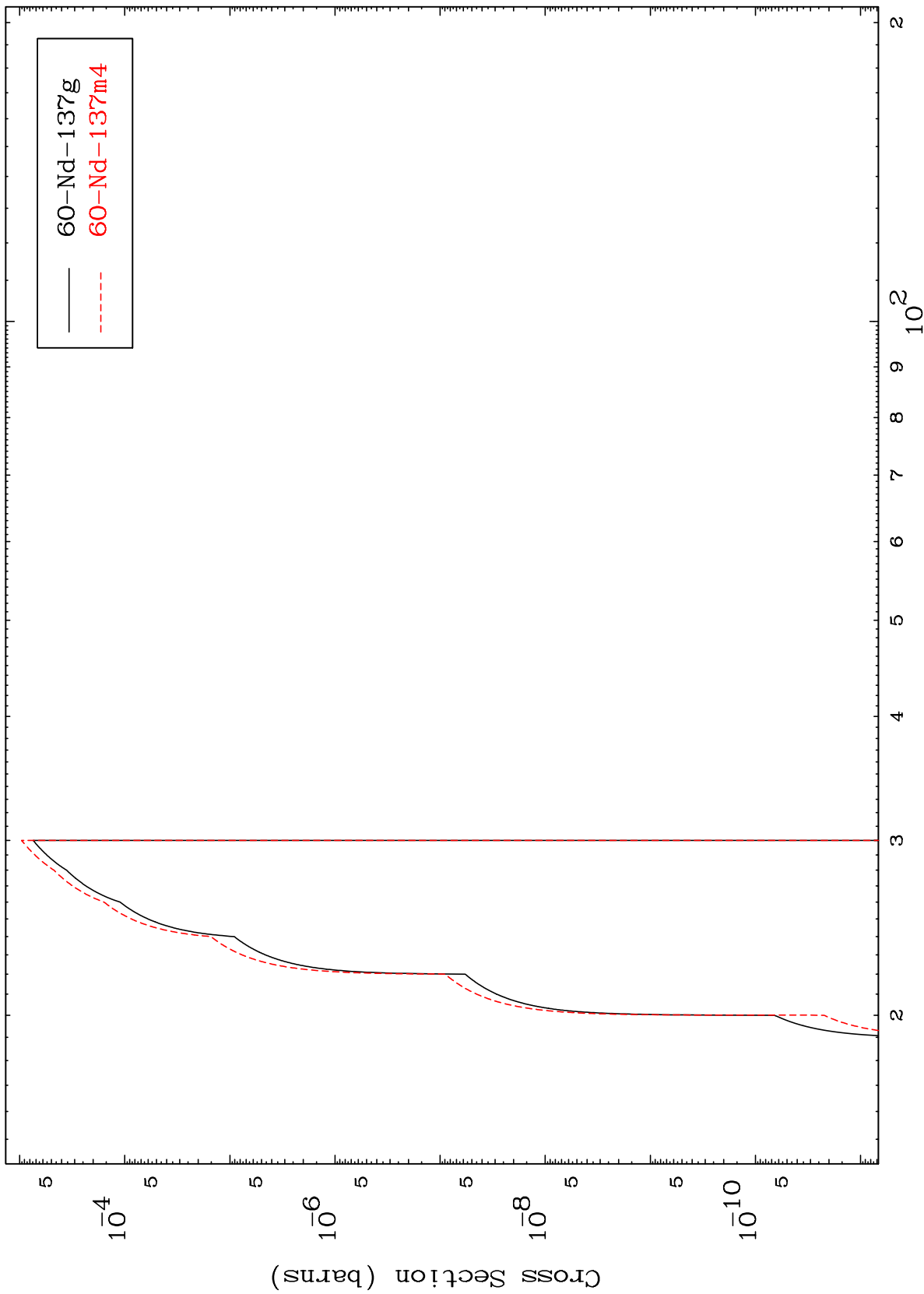
Incident Energy (MeV)

59-Pr-136

MAT 5910

59-Pr-136

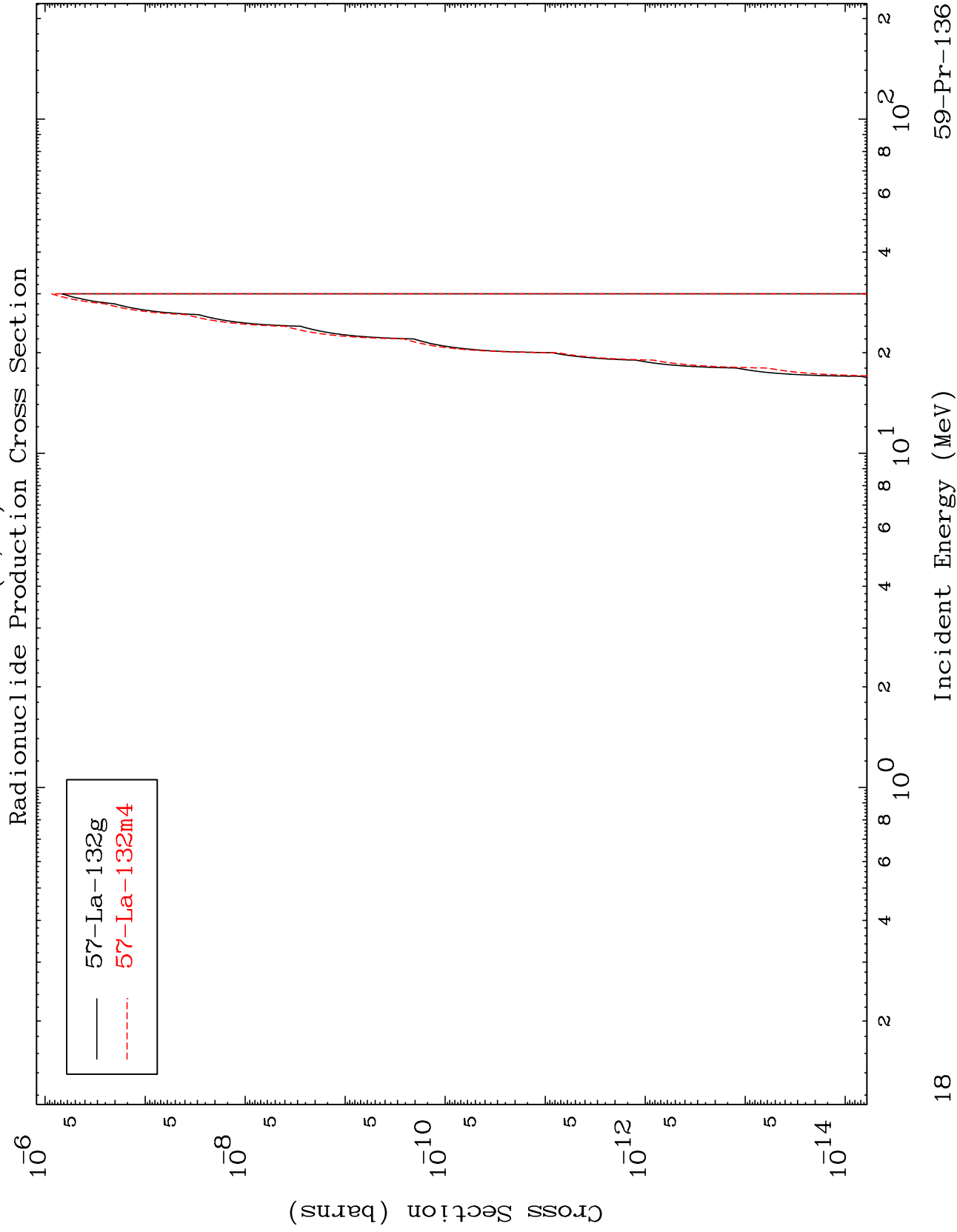
(n,t)  
Radionuclide Production Cross Section



MAT 5910

(n,2α)

59-Pr-136

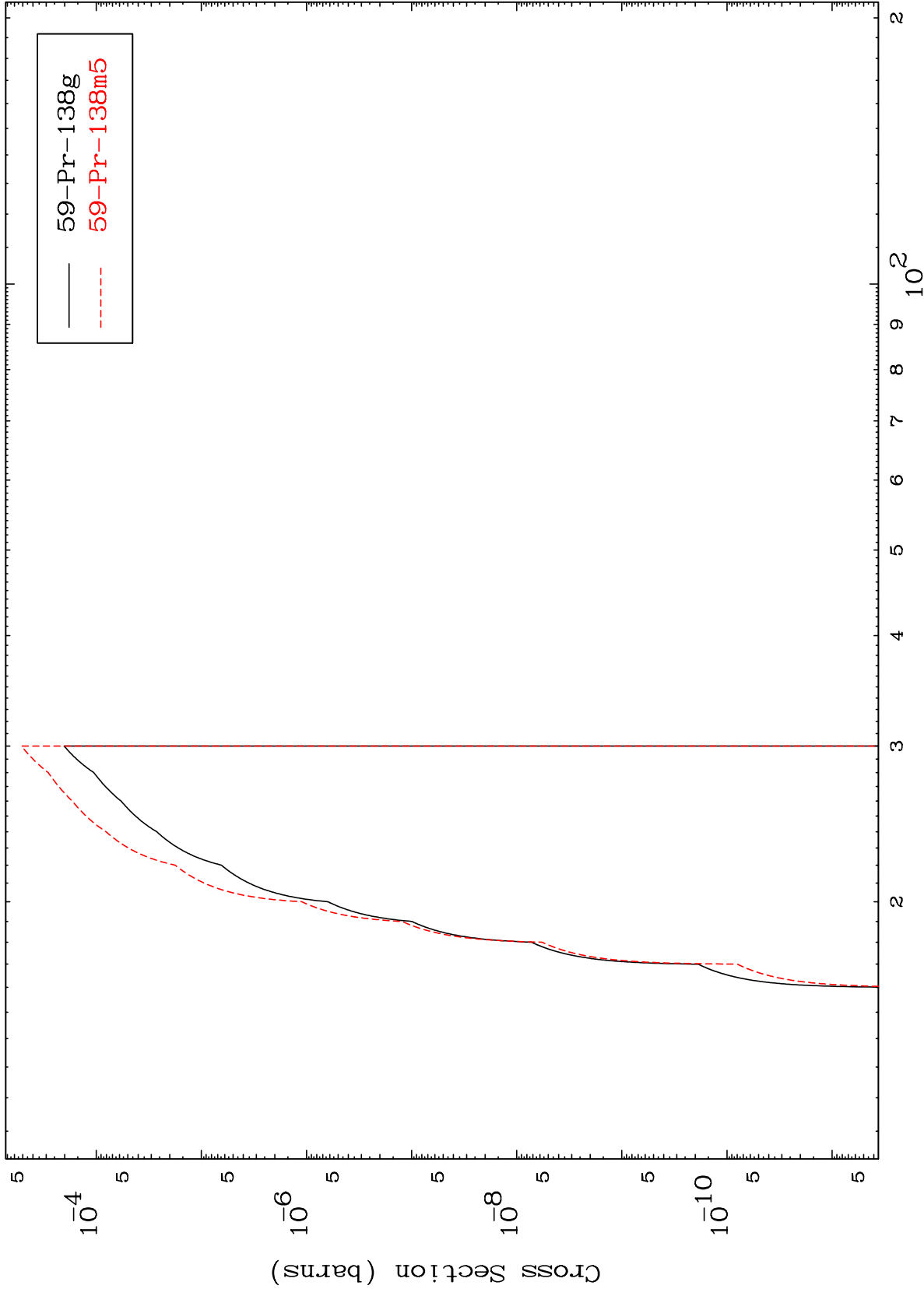


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MAT 5910

59-Pr-136

(n,2p)  
Radionuclide Production Cross Section

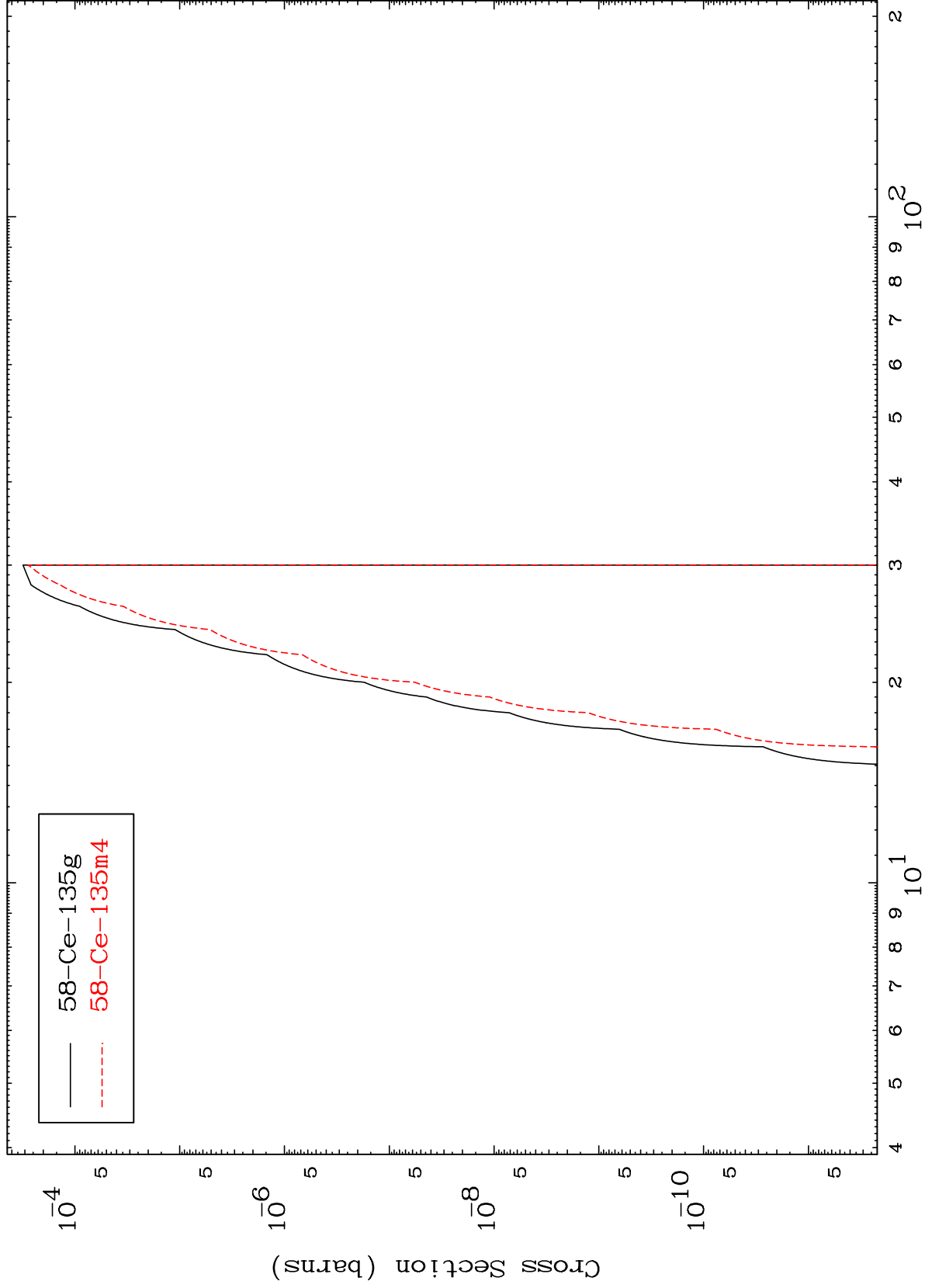


MAT 5910

(n,p)  $\alpha$

59-Pr-136

Radionuclide Production Cross Section



58-Ce-135g  
58-Ce-135m4

20

Incident Energy (MeV)

59-Pr-136