

Program EVALPLOT  
(Version 2021-1)

by

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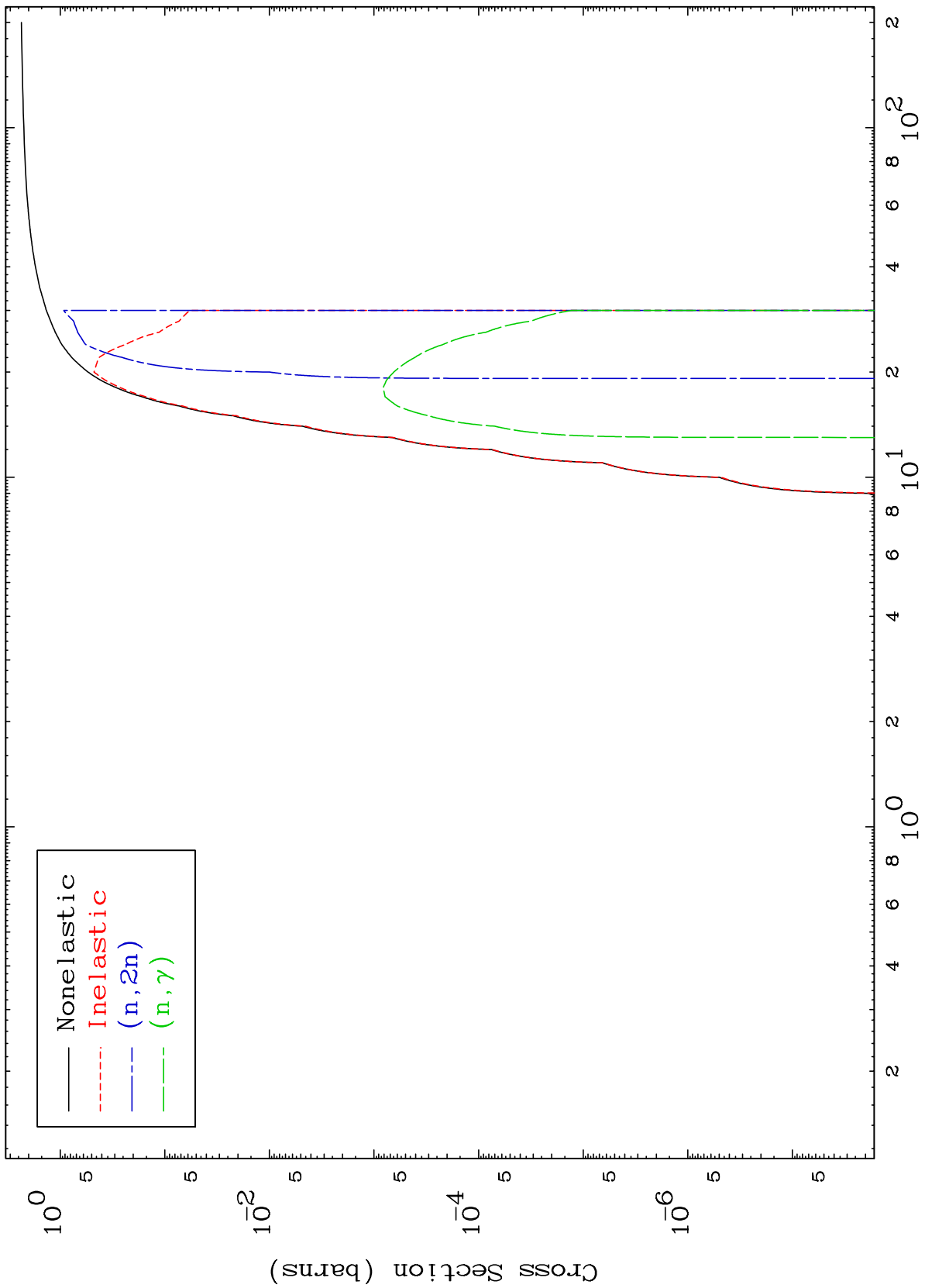
Press Mouse Button to Start

MAT 5916

$\alpha$  Major

59-Pr-138

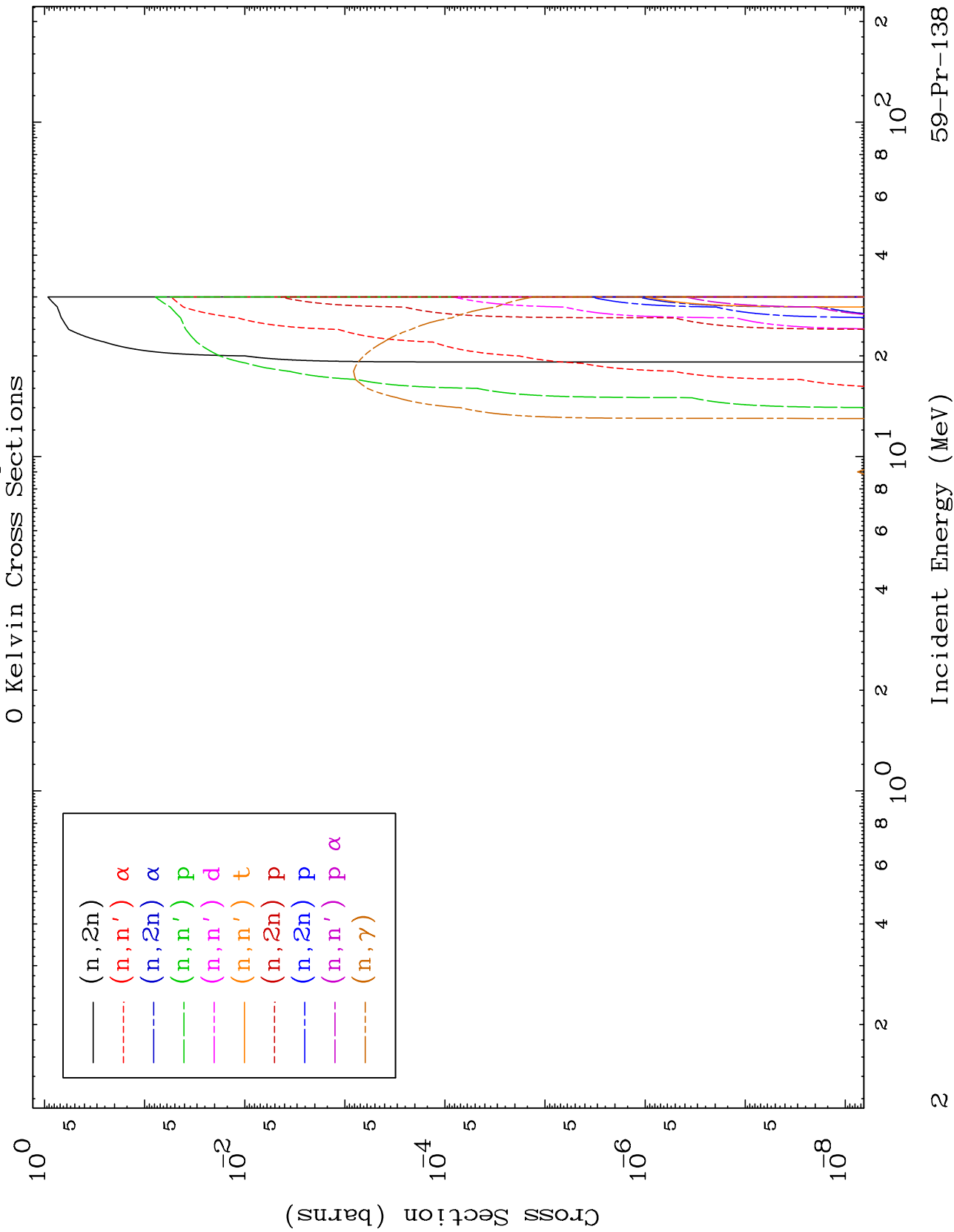
0 Kelvin Cross Sections

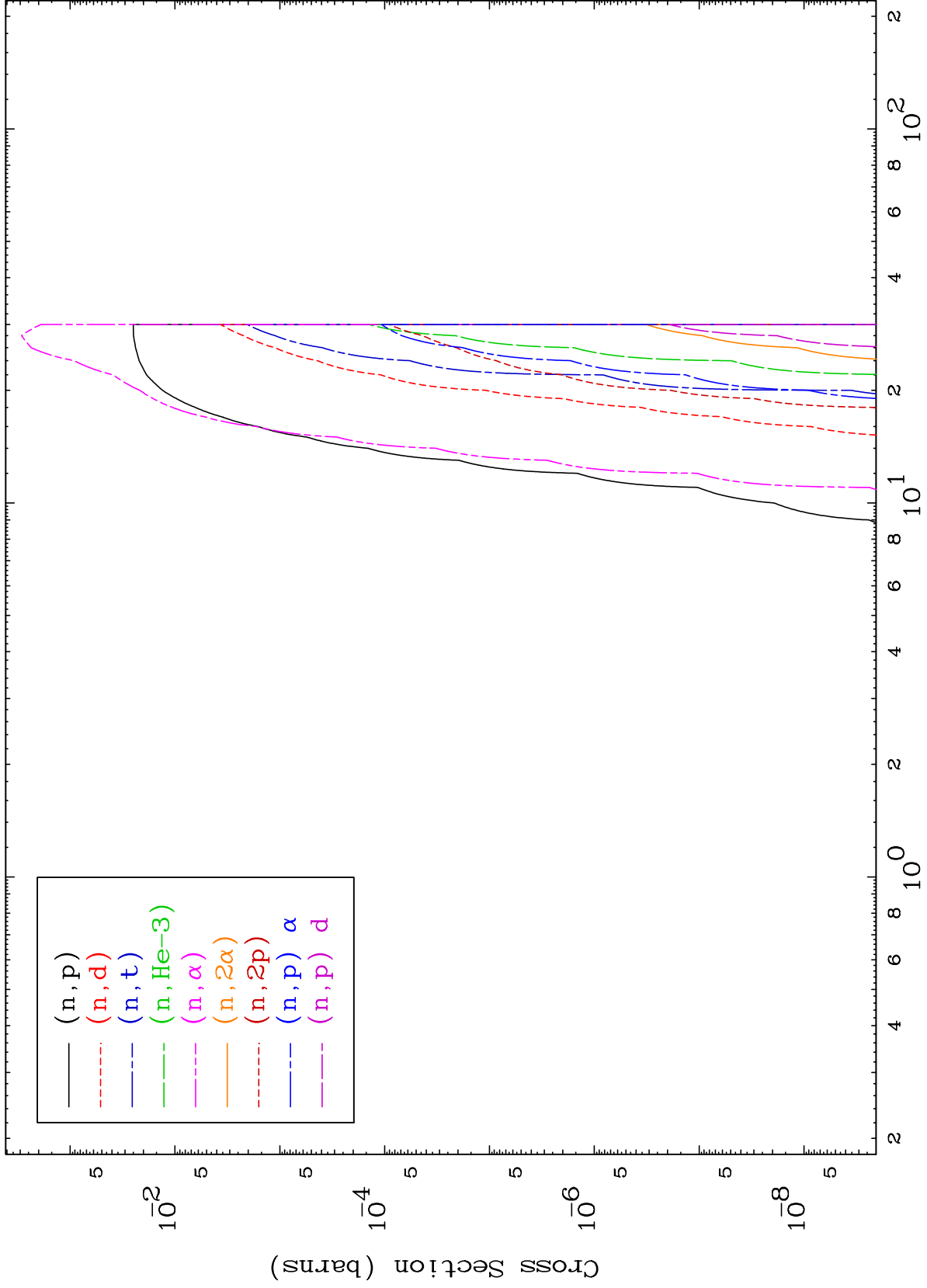


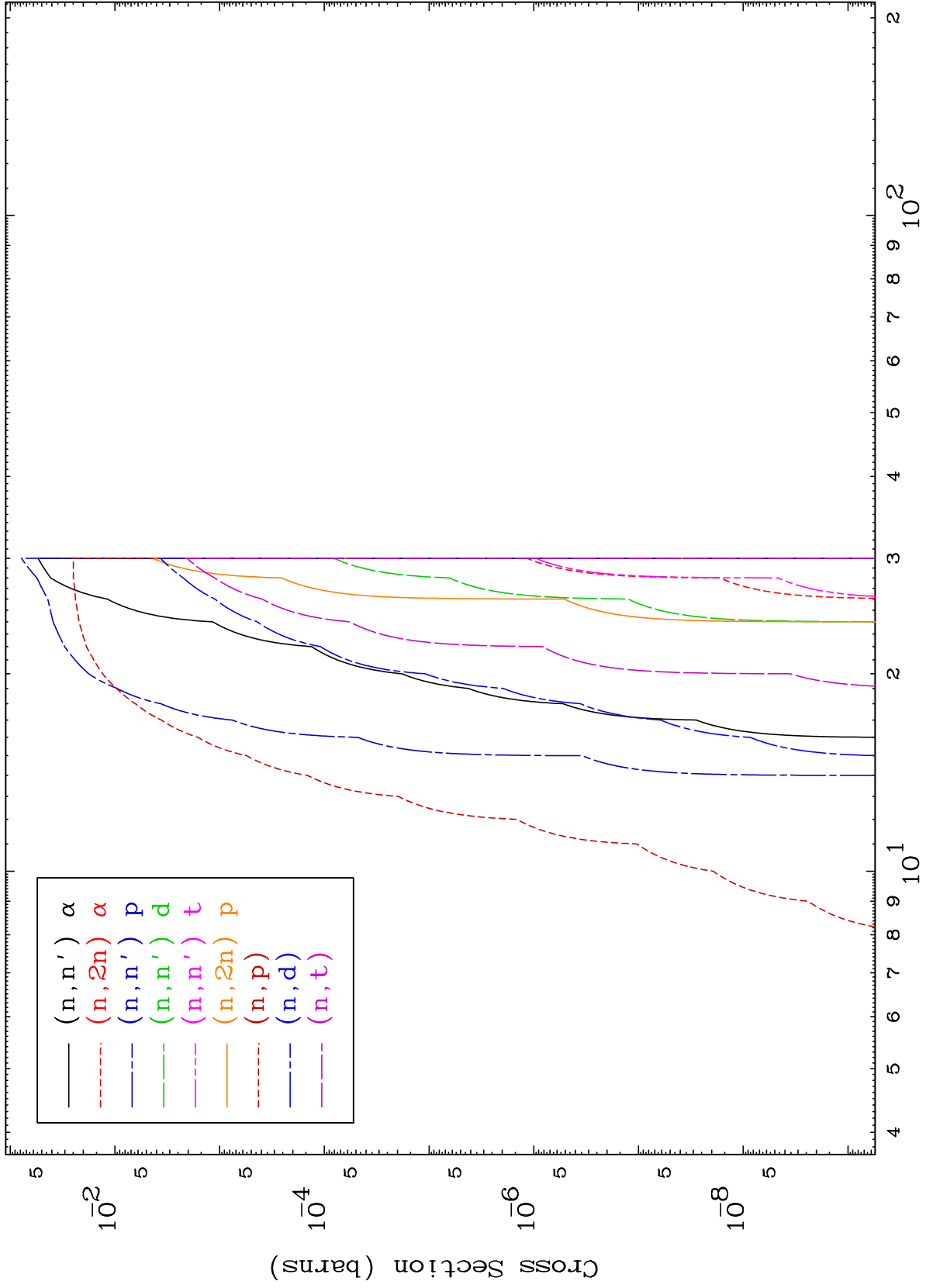
MAT 5916

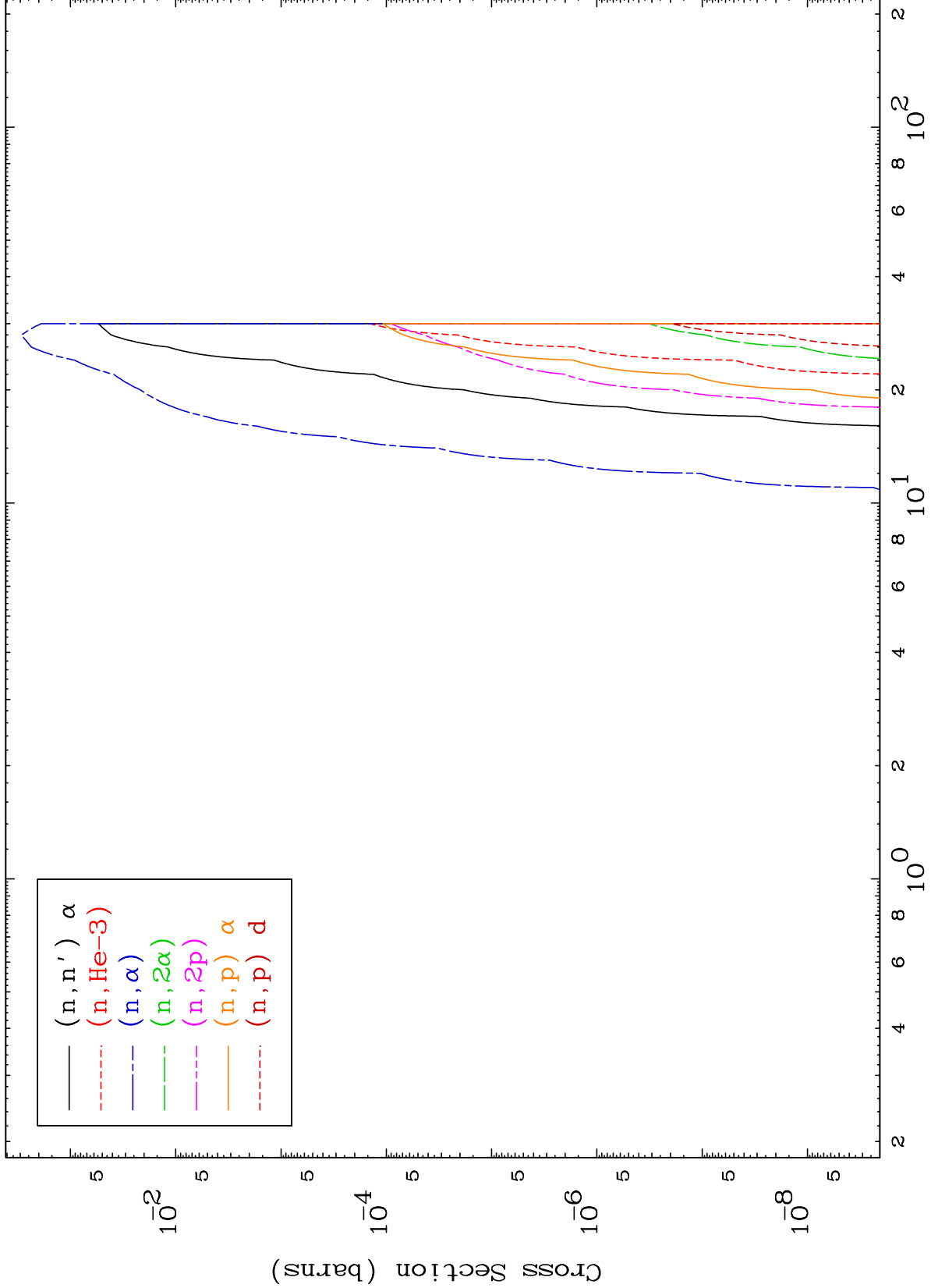
$\alpha$  Neutron Absorption

59-Pr-138





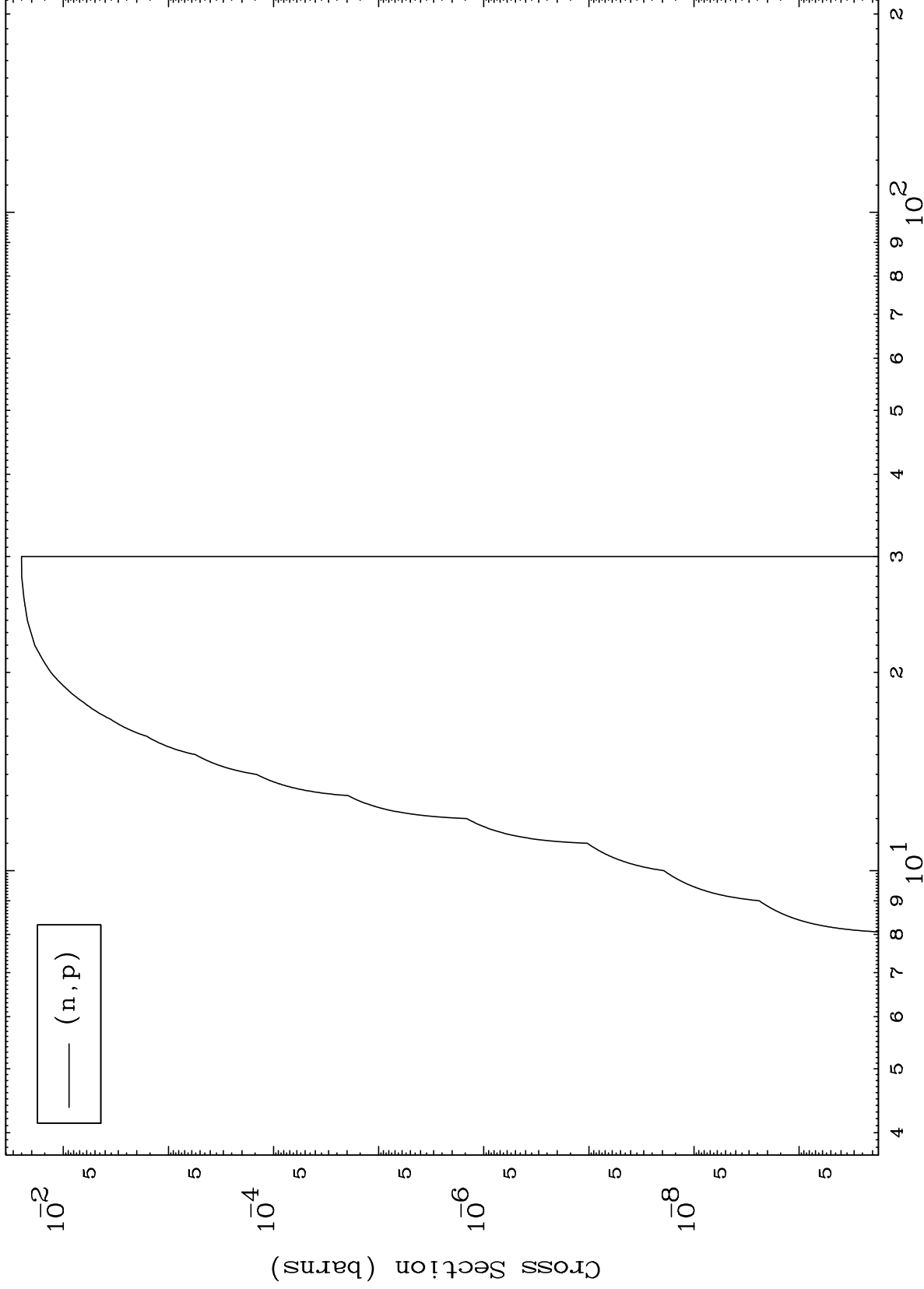




MAT 5916

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

59-Pr-138



6

Incident Energy (MeV)

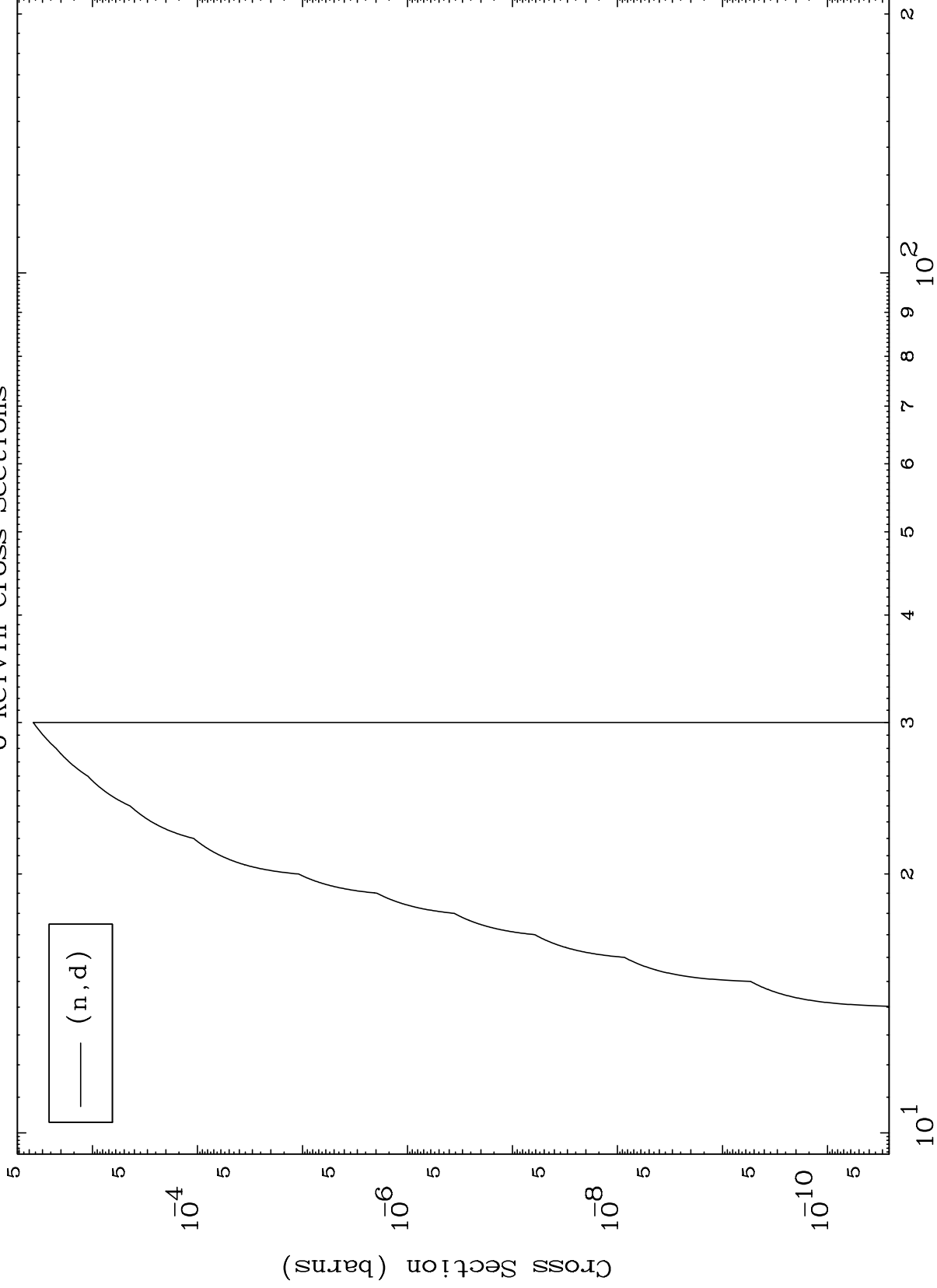
59-Pr-138

MAT 5916

( $\alpha, d$ ) Levels

59-Pr-138

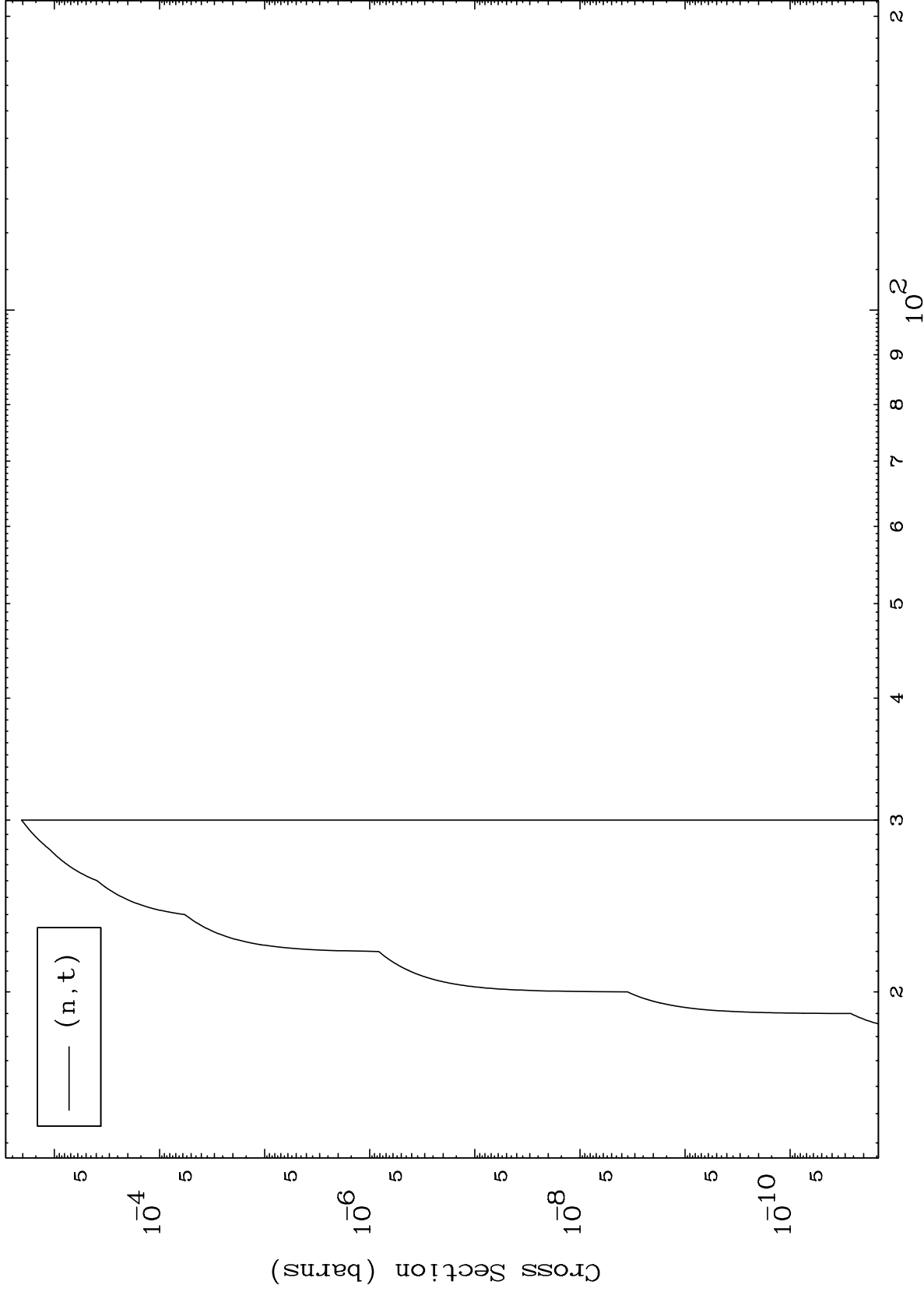
0 Kelvin Cross Sections



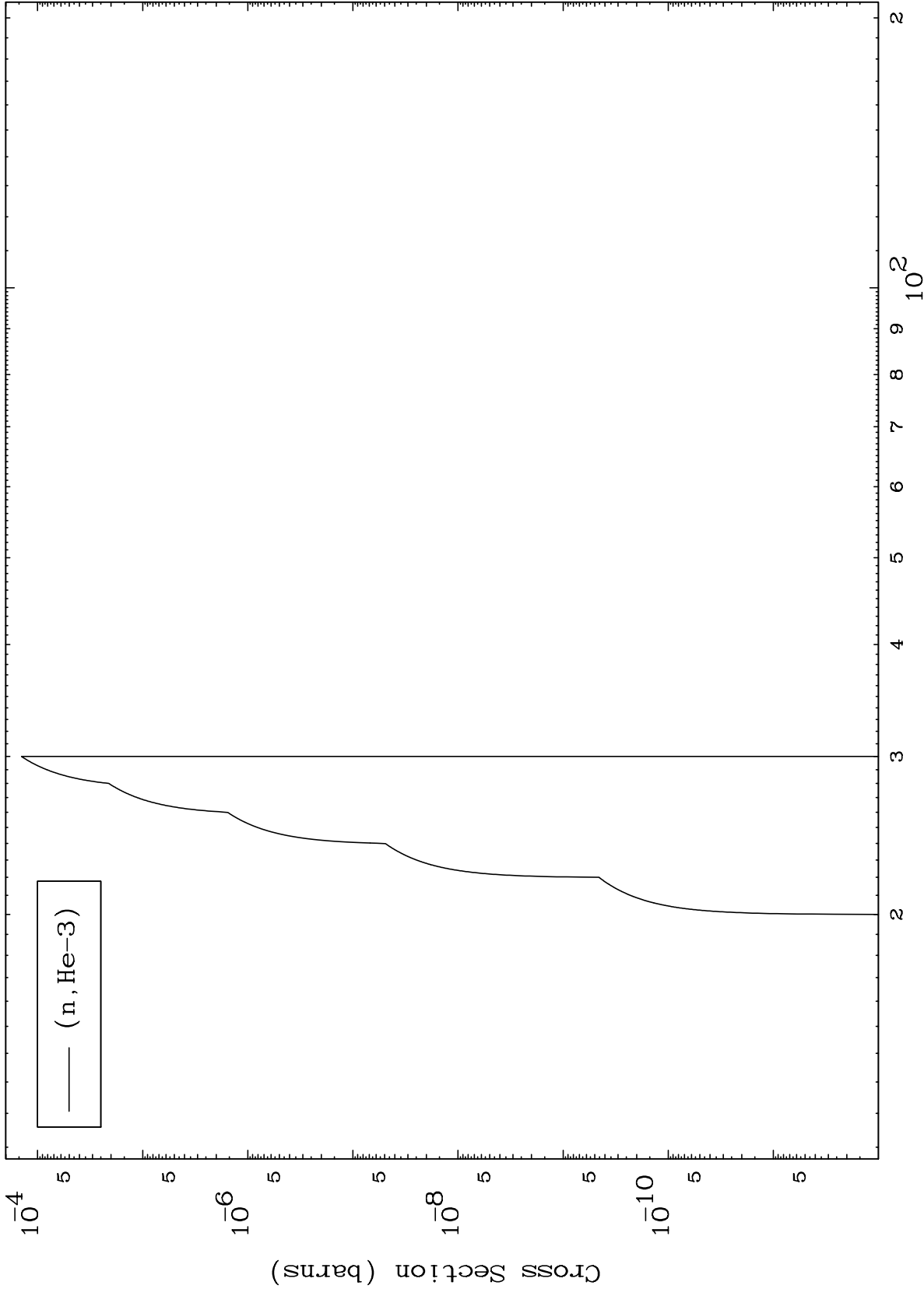
Incident Energy (MeV)

59-Pr-138





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

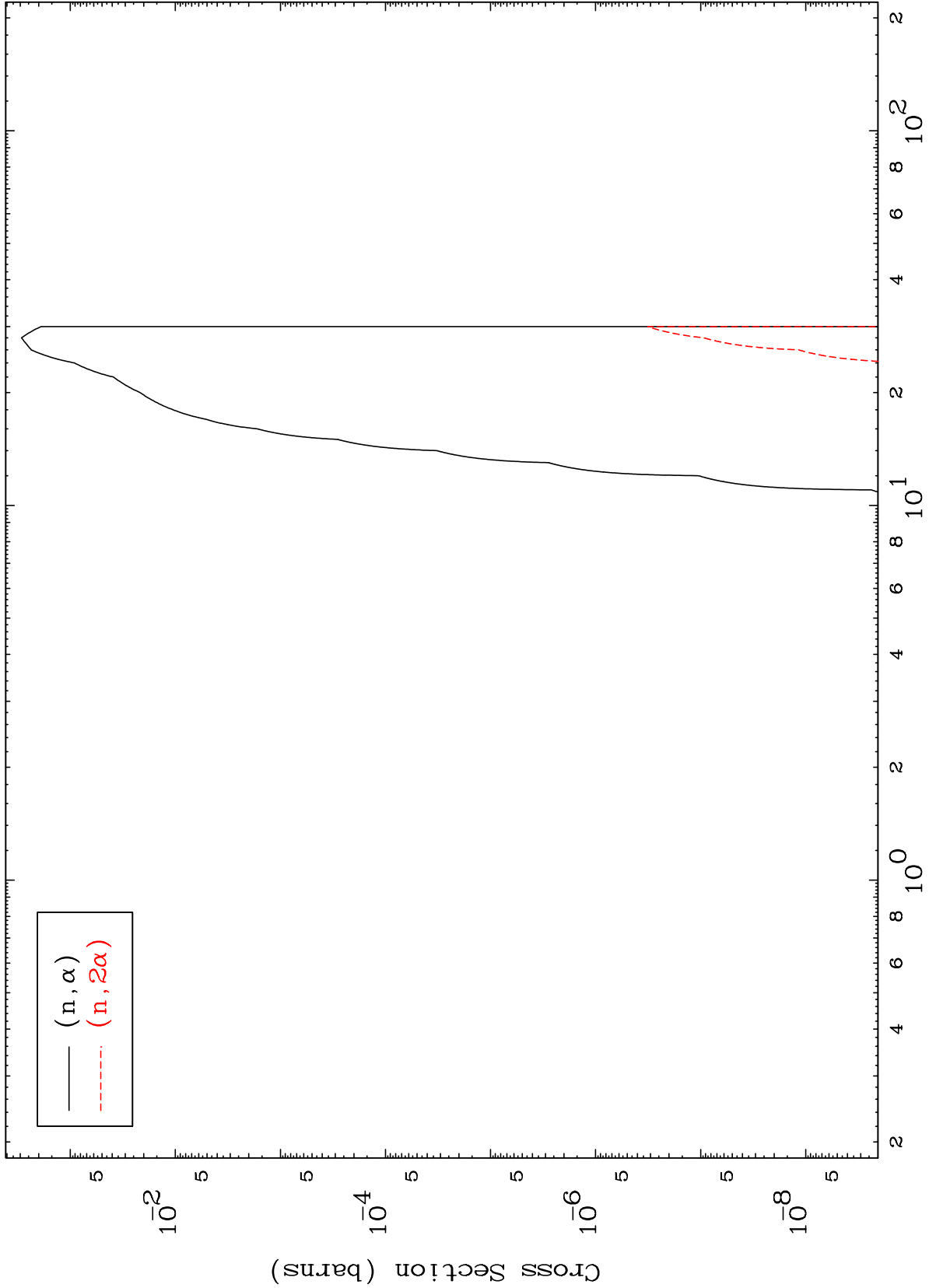


MAT 5916

( $\alpha, \alpha$ ) Levels

59-Pr-138

0 Kelvin Cross Sections



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

10

Incident Energy (MeV)

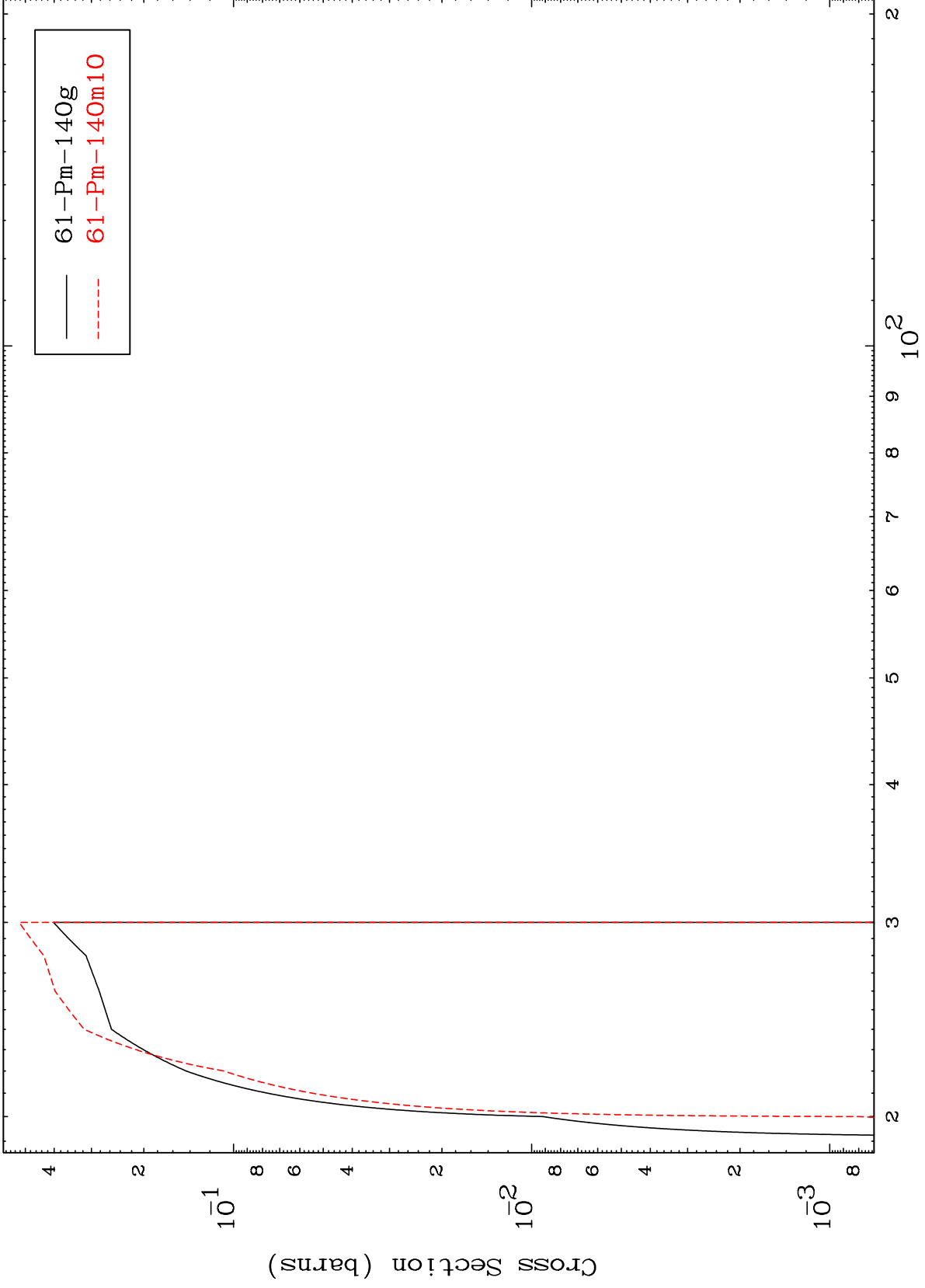
59-Pr-138

MAT 5916

(n,2n)

59-Pr-138

Radionuclide Production Cross Section

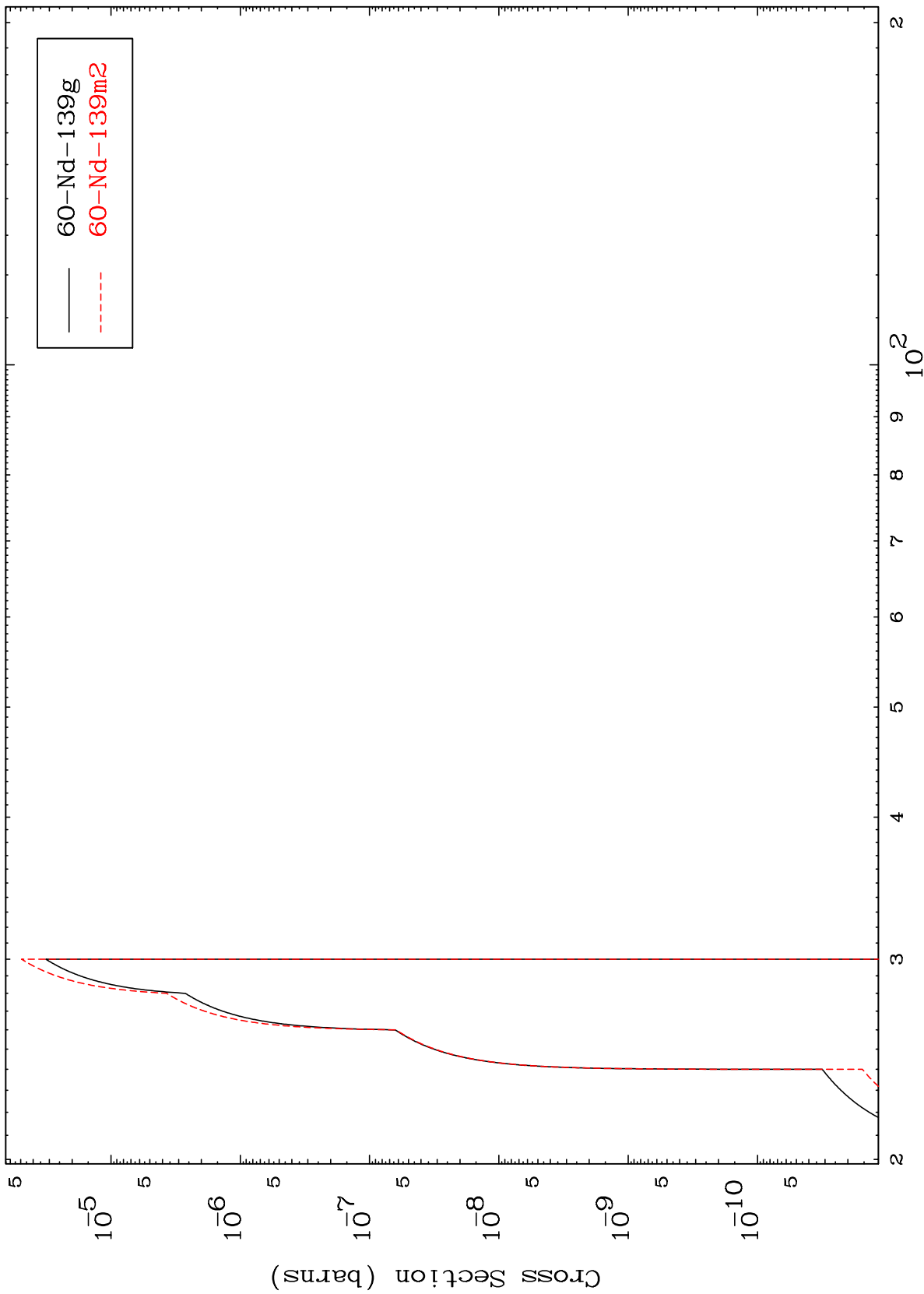


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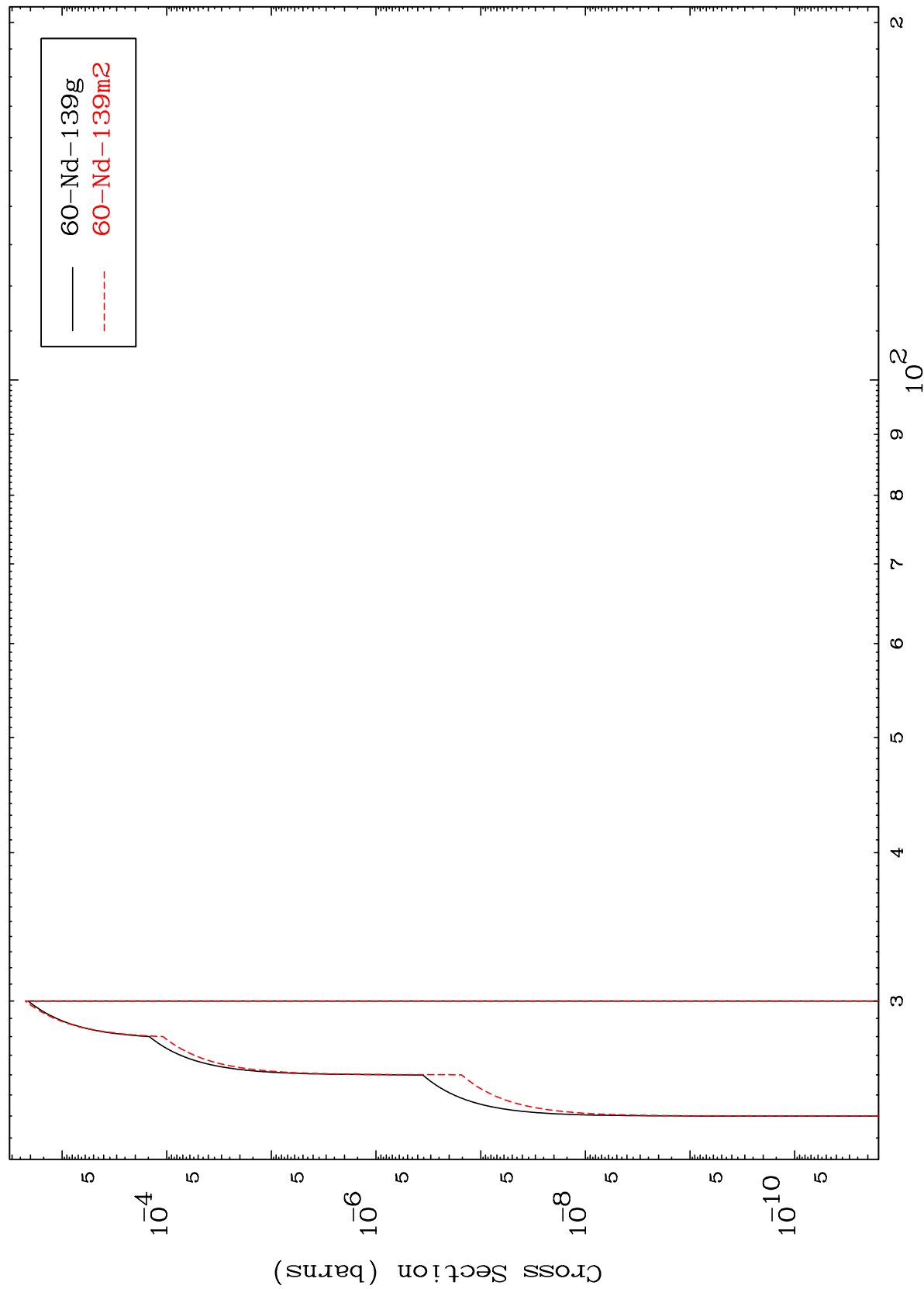
Incident Energy (MeV)

59-Pr-138

Radionuclide Production Cross Section



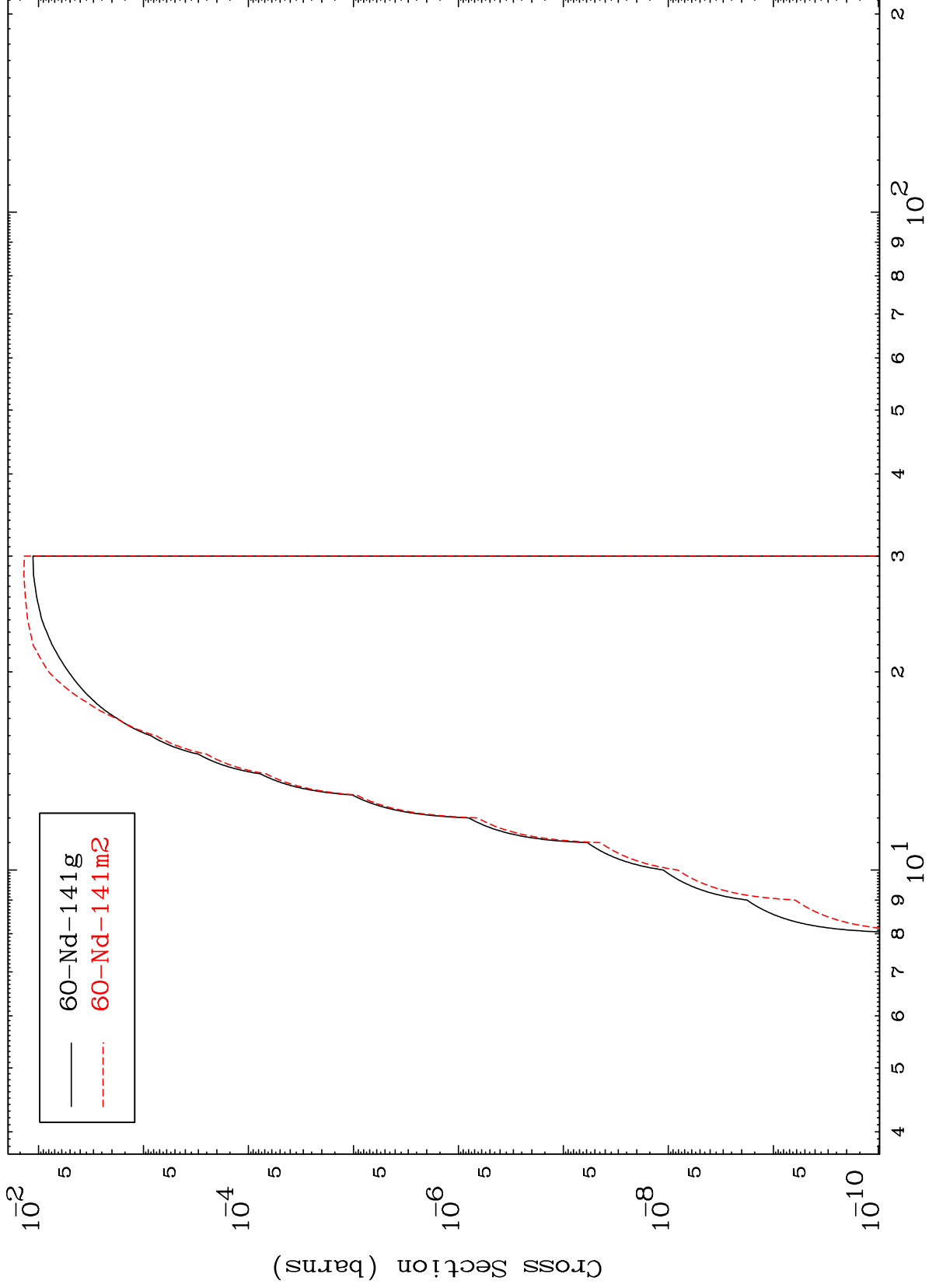
Radionuclide Production Cross Section



MAT 5916

59-Pr-138

(n,p)  
Radionuclide Production Cross Section

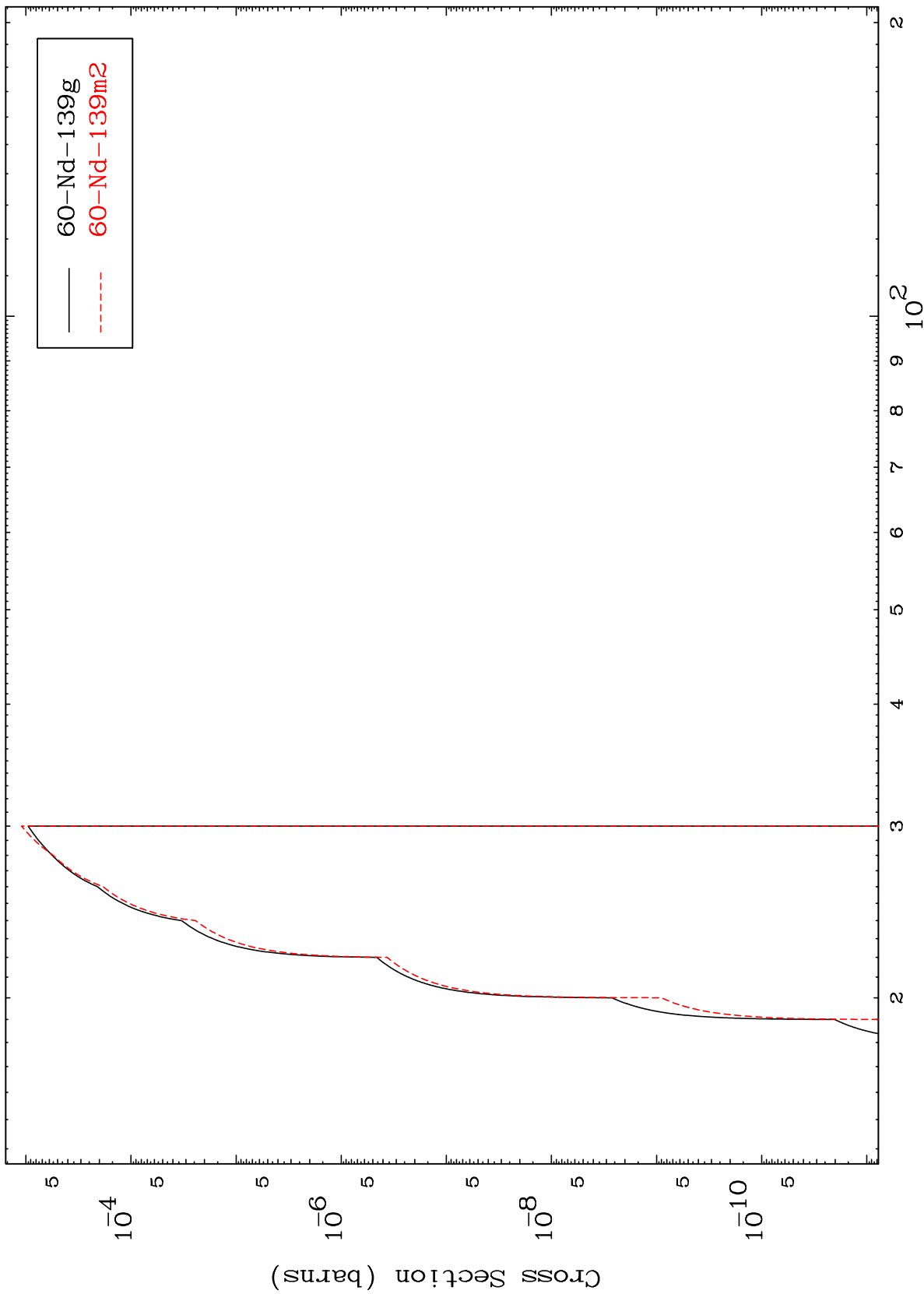


14

Incident Energy (MeV)

59-Pr-138

(n,t)  
Radionuclide Production Cross Section

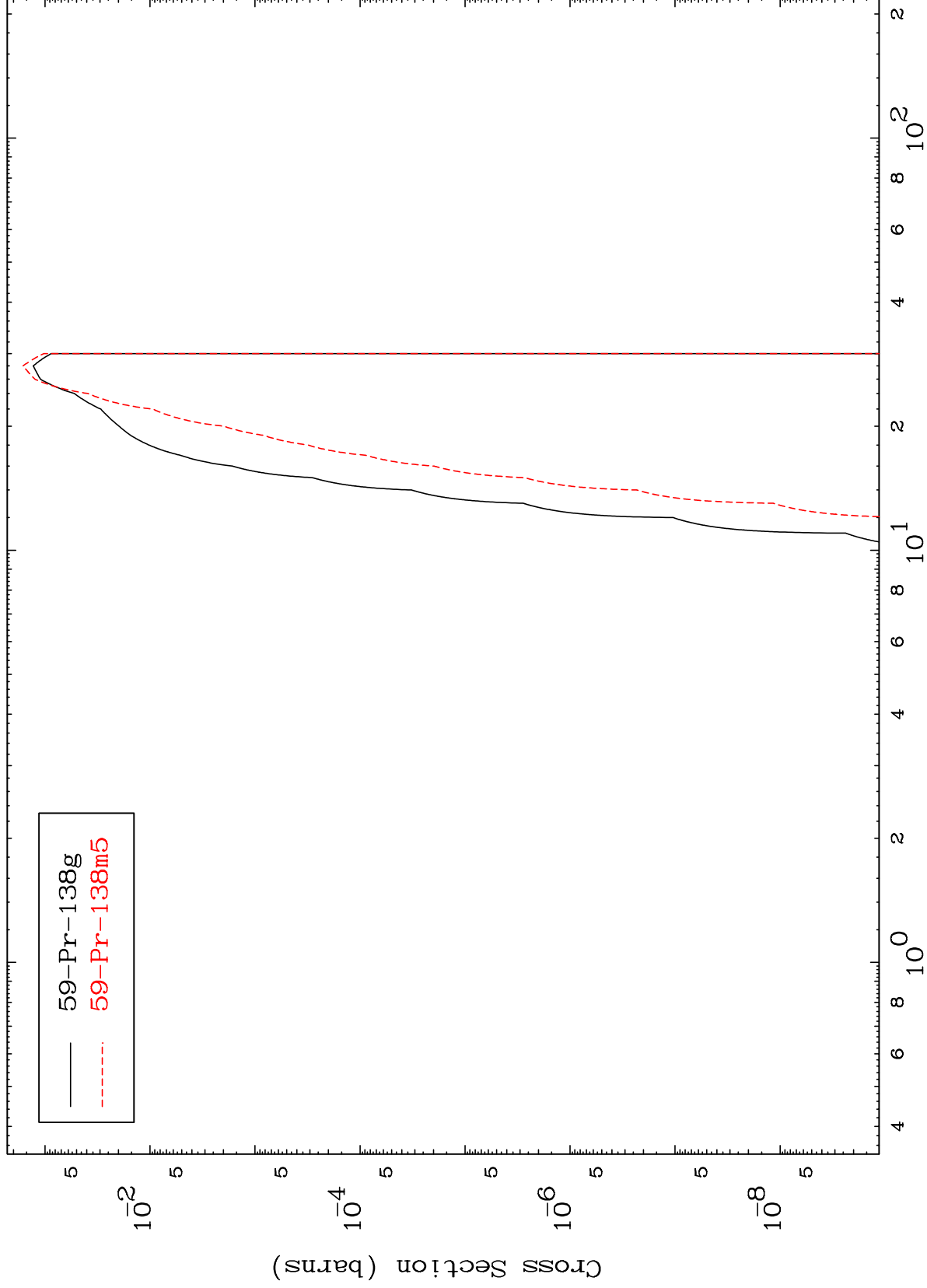




MAT 5916

59-Pr-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

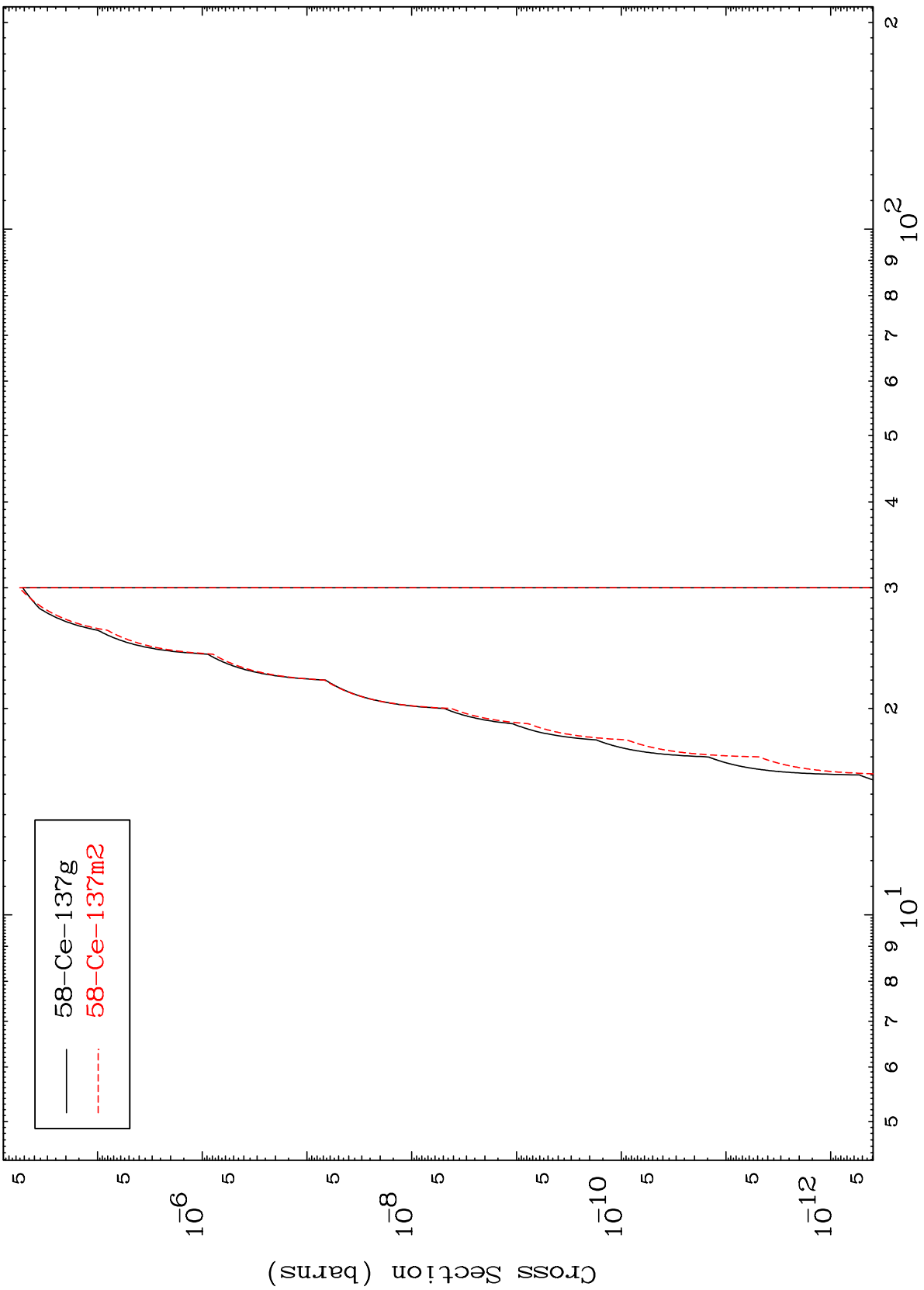
59-Pr-138

MAT 5916

(n,p)  $\alpha$

59-Pr-138

Radionuclide Production Cross Section



58-Ce-137g  
58-Ce-137m2

17

Incident Energy (MeV)

59-Pr-138