

Program EVALPLOT  
(Version 2021-1)

by

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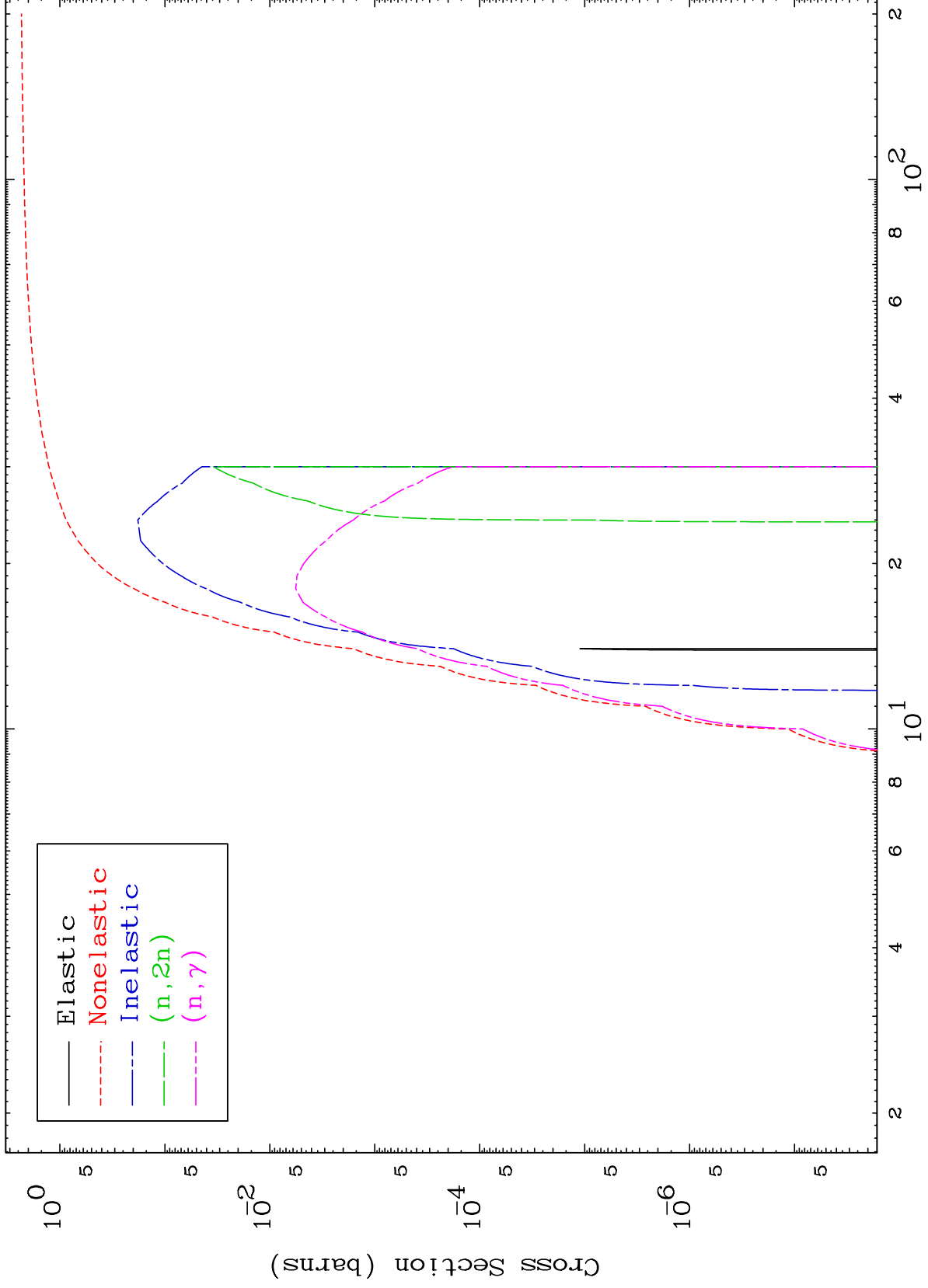
Press Mouse Button to Start

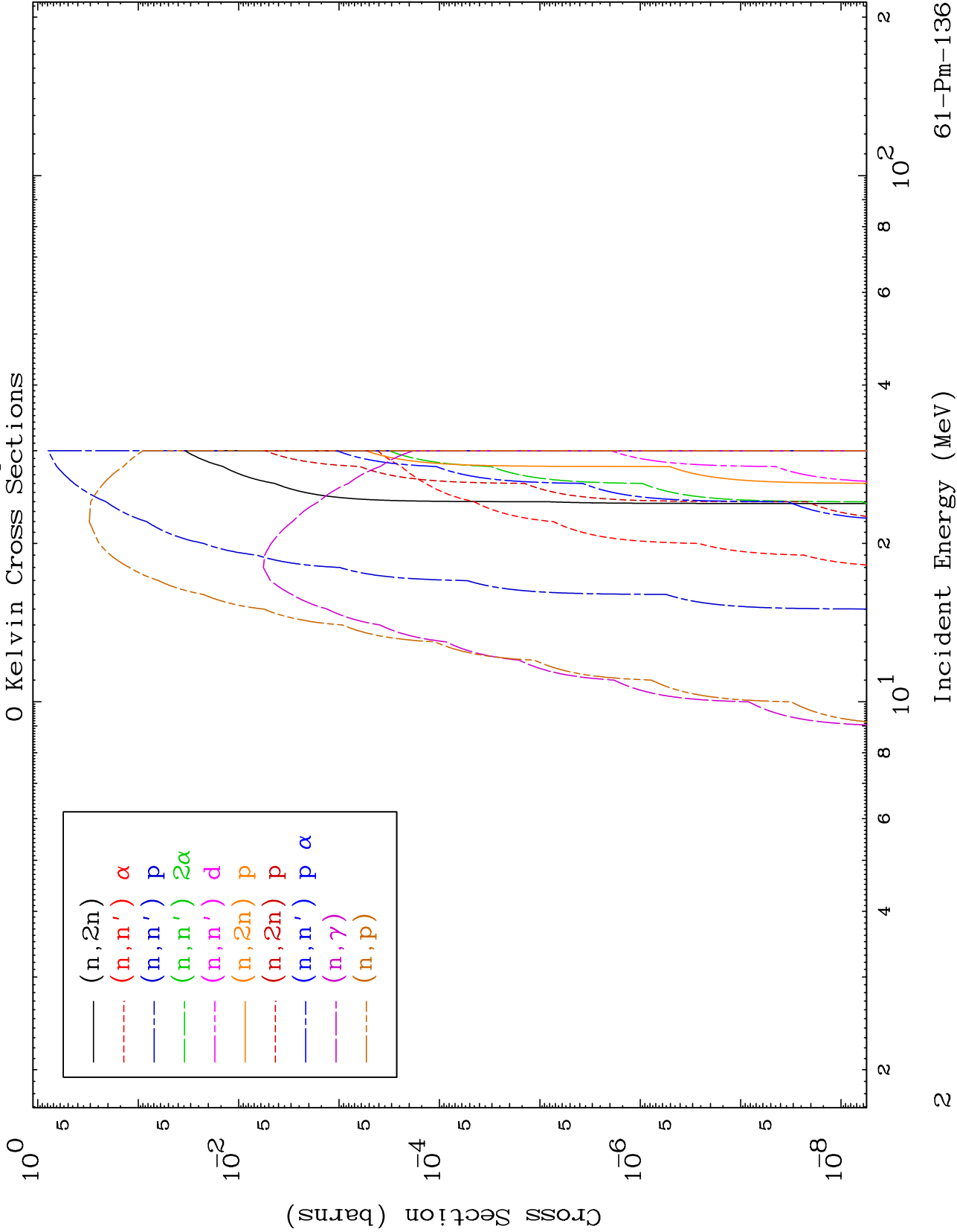
MAT 6116

0 Kelvin Cross Sections

$\alpha$  Major

61-Pm-136

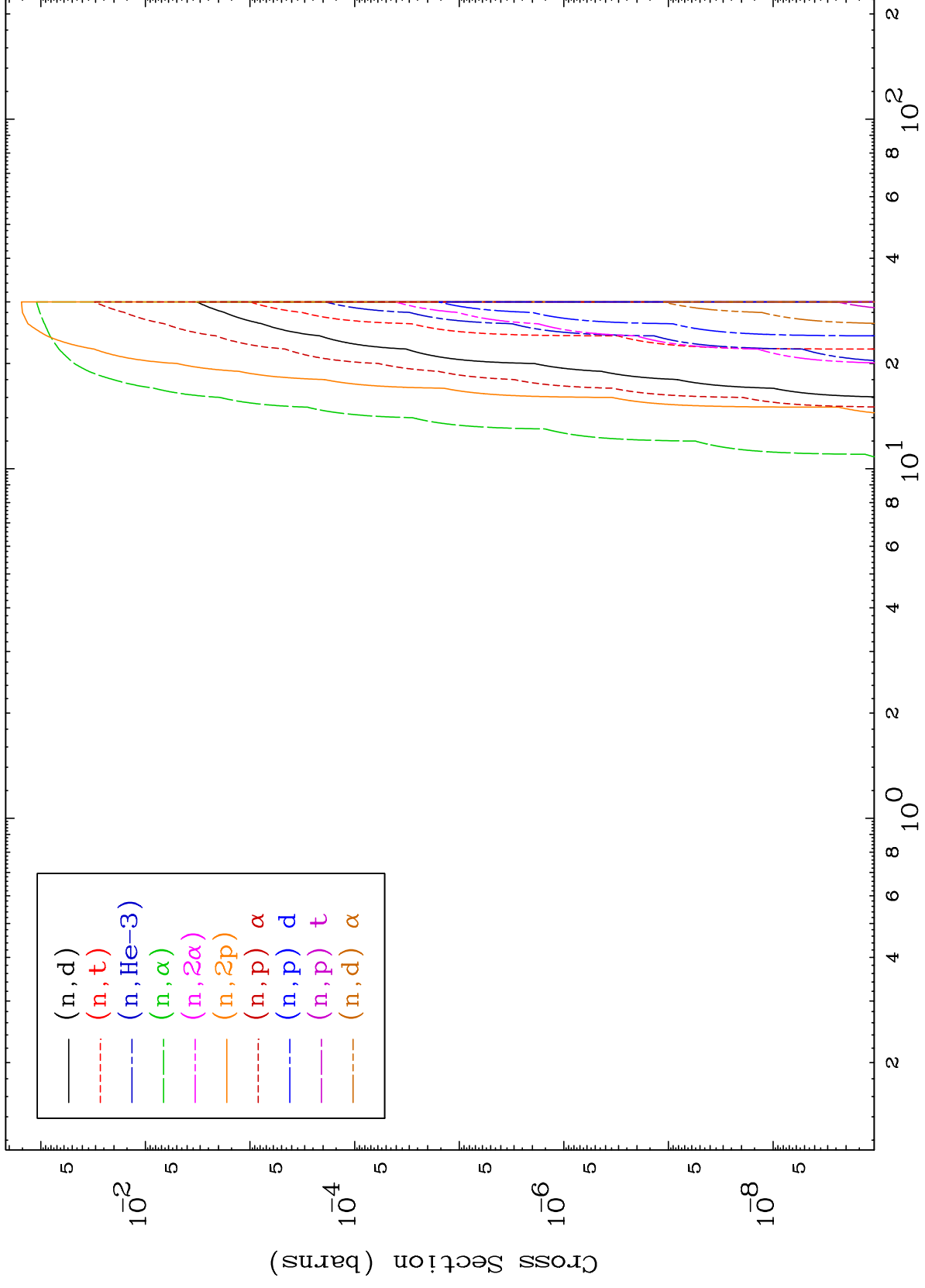




MAT 6116

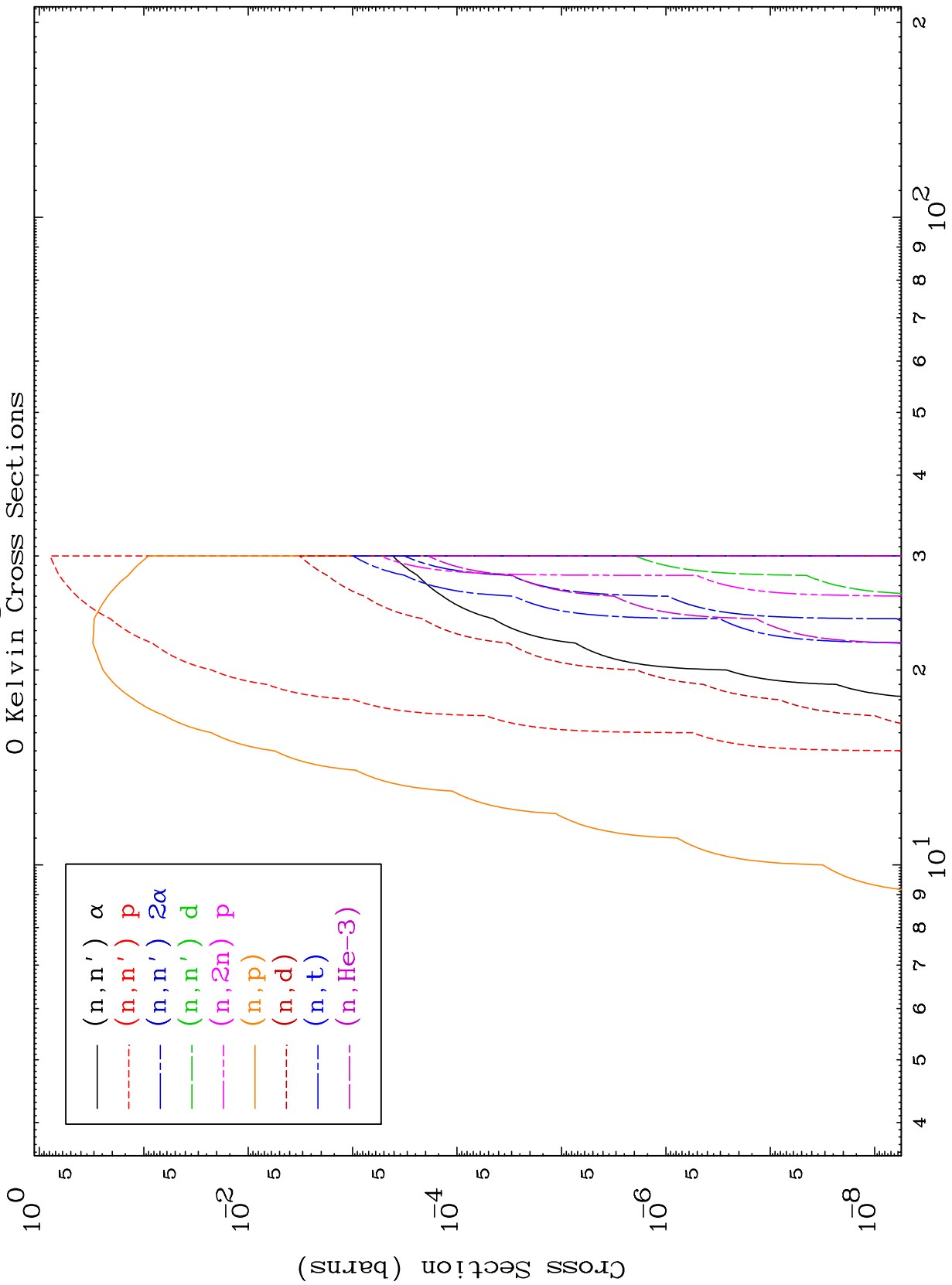
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

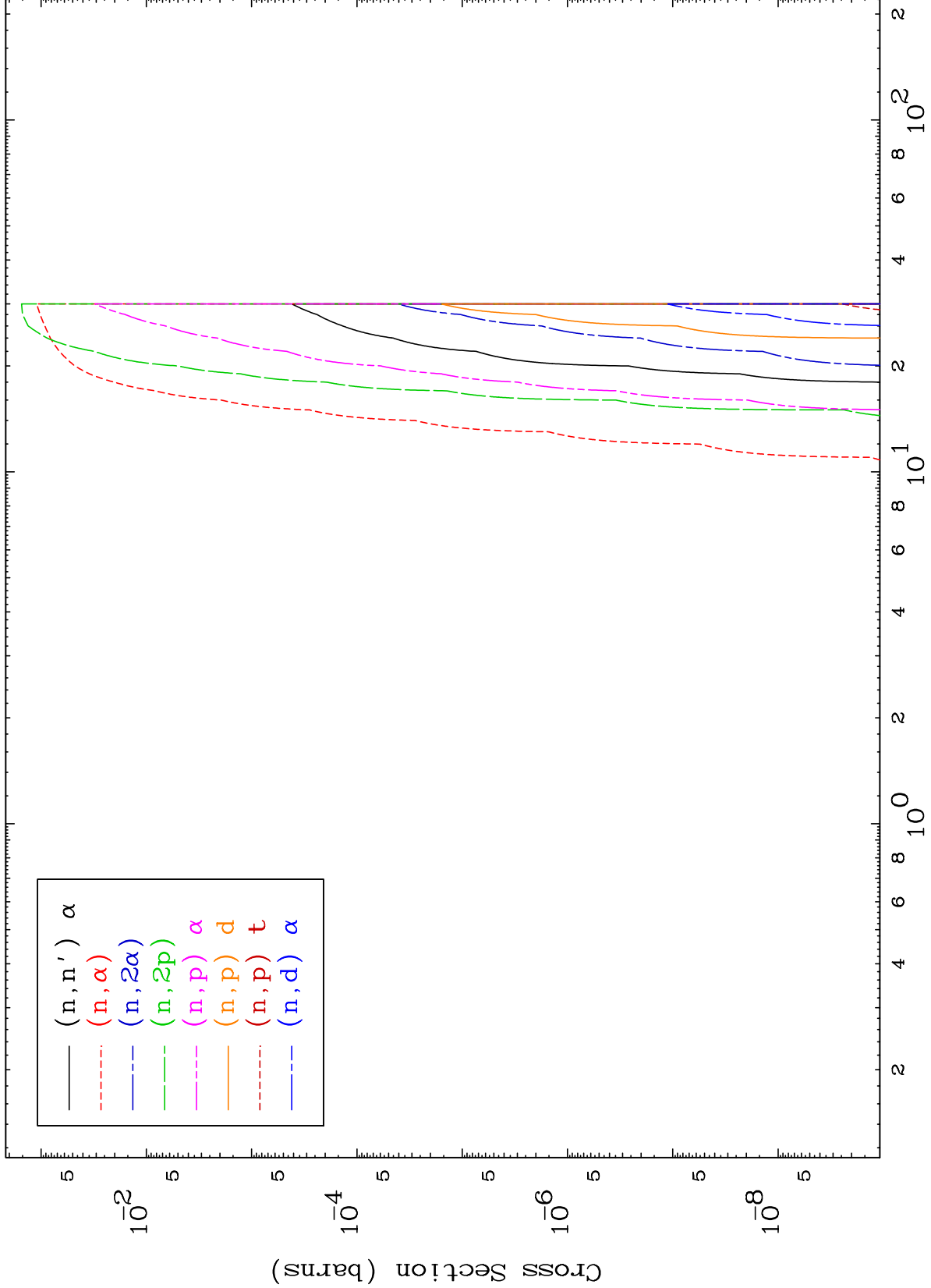
61-Pm-136



Incident Energy (MeV)

61-Pm-136

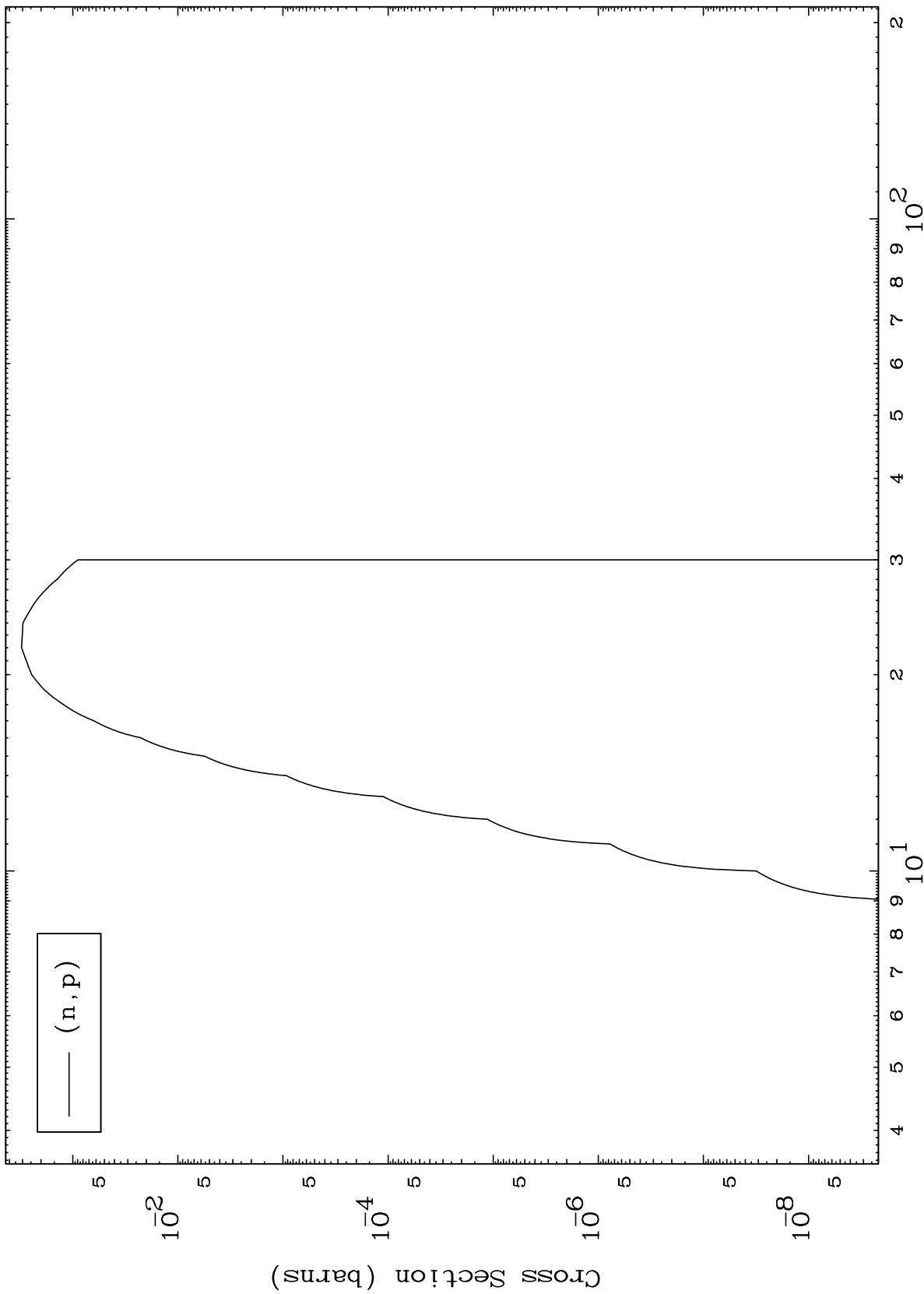




MAT 6116

61-Pm-136

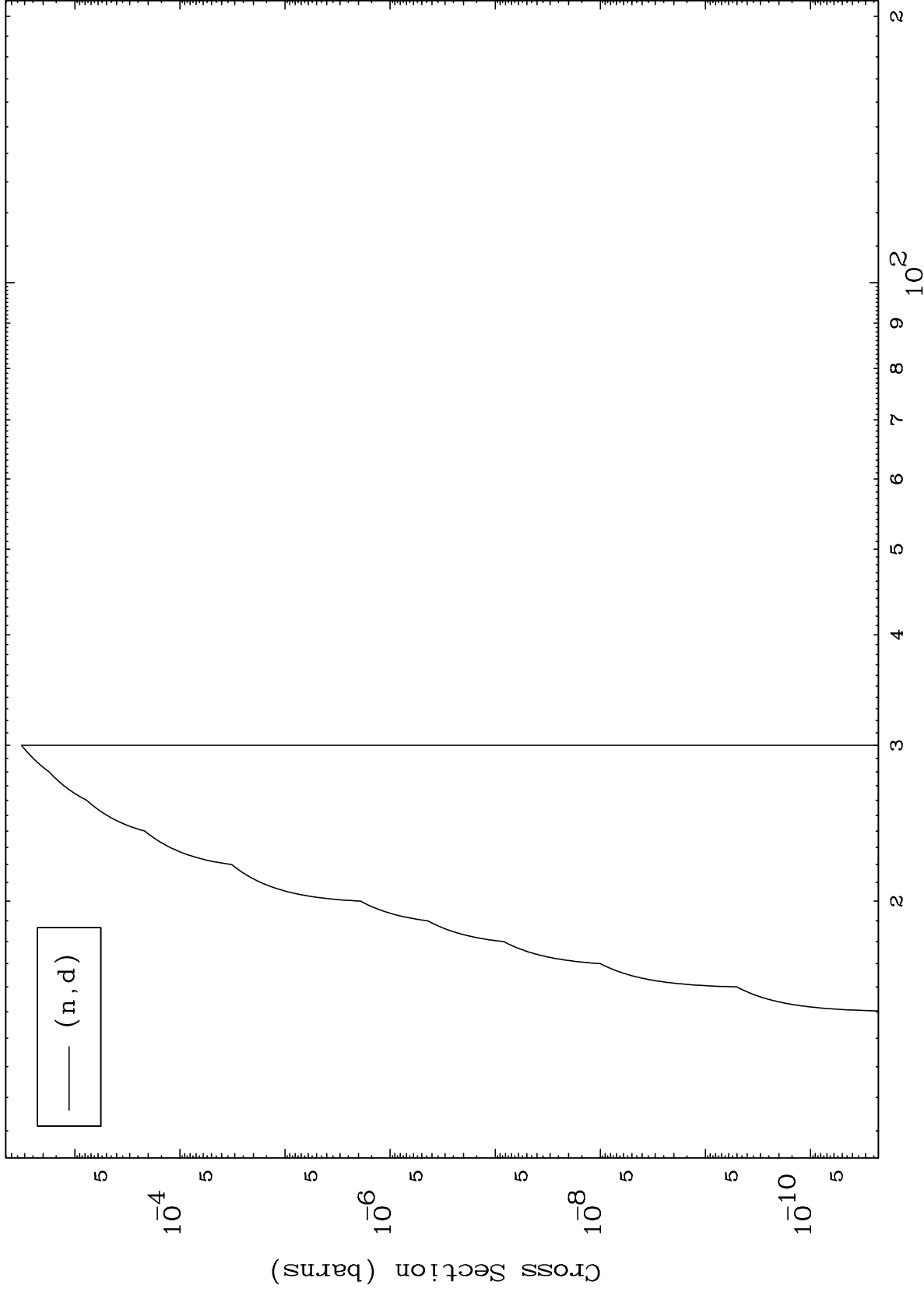
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



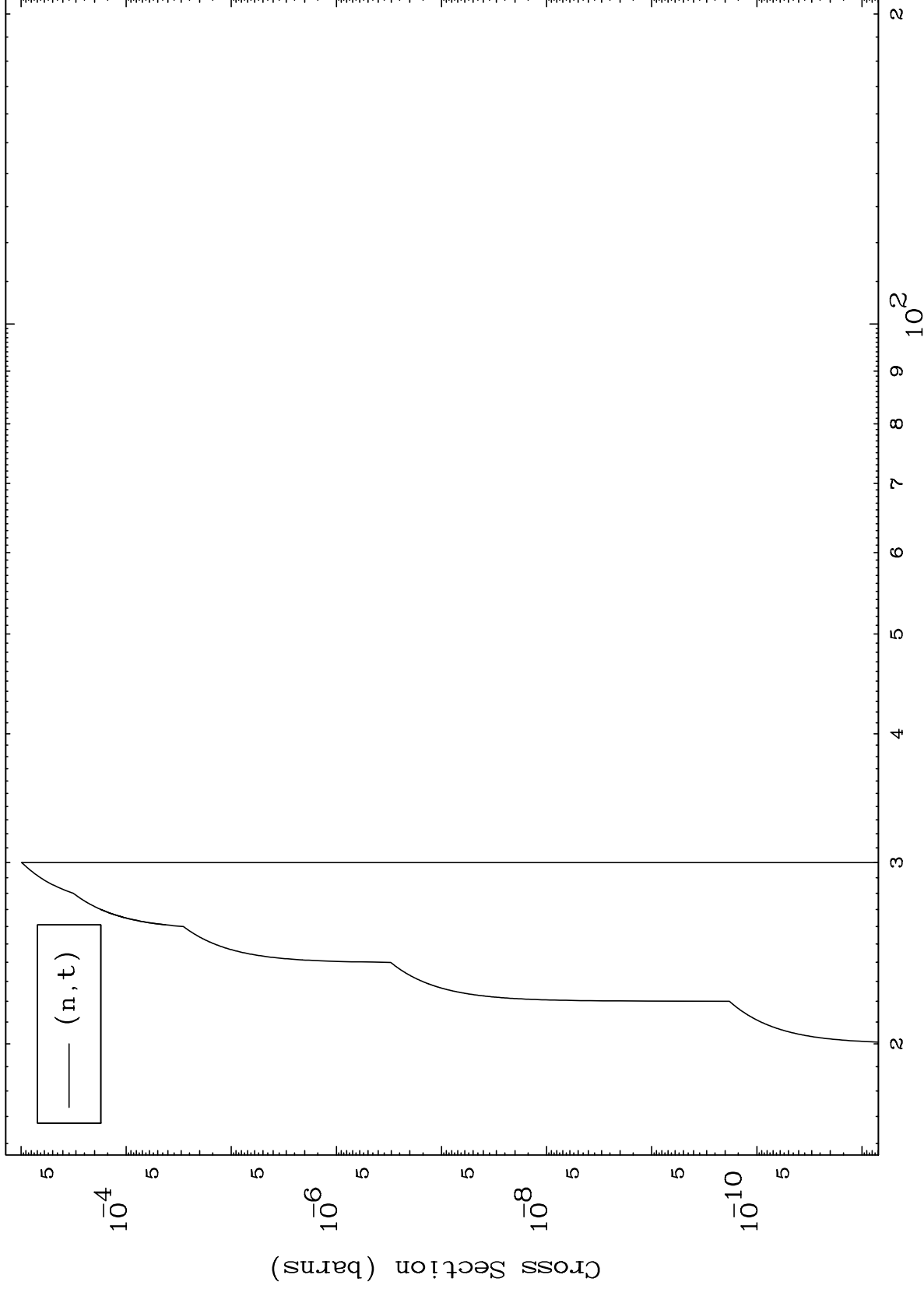
61-Pm-136

Incident Energy (MeV)

6



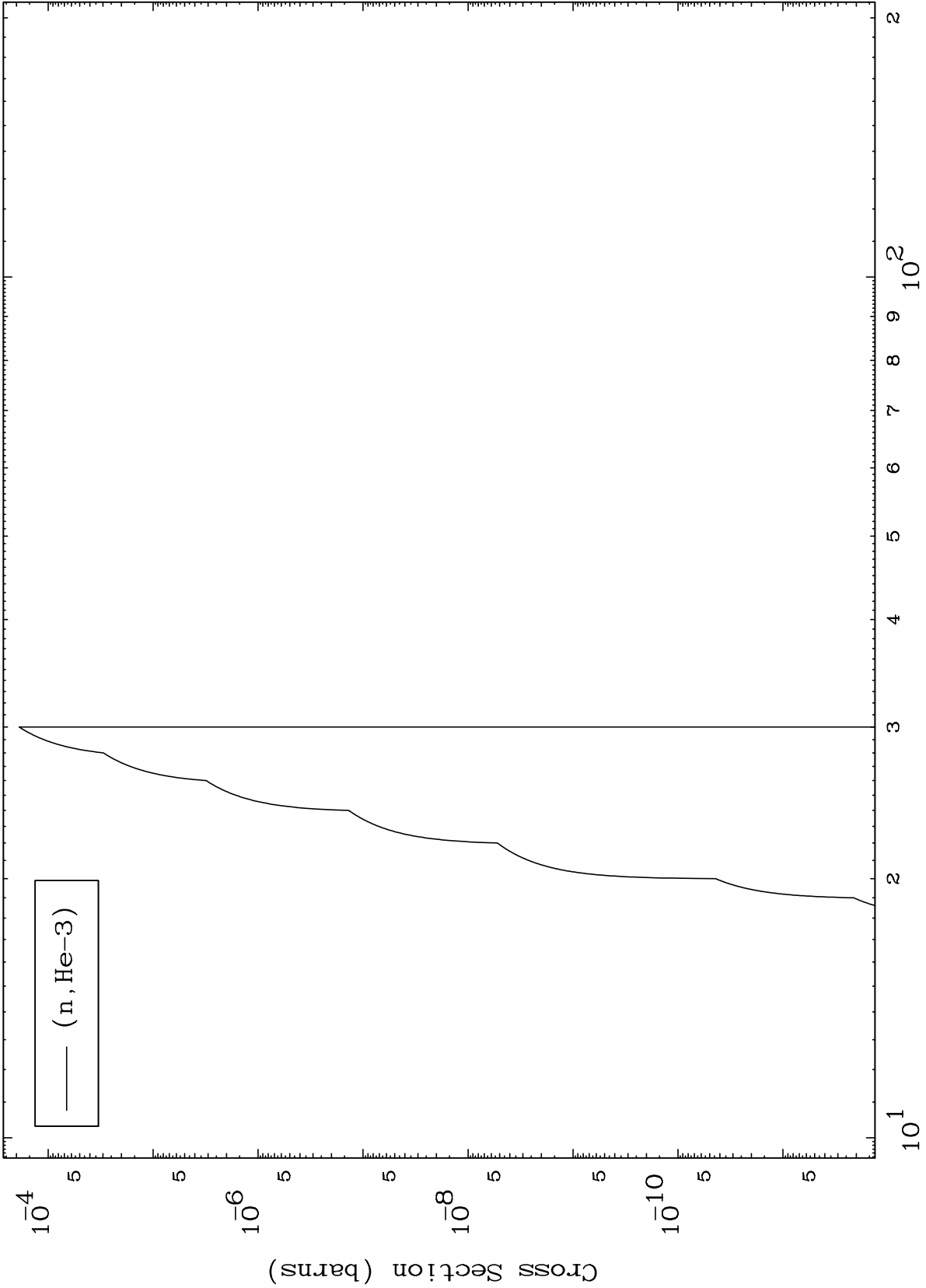




MAT 61116

61-Pm-136

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



(n, He-3)

61-Pm-136

Incident Energy (MeV)

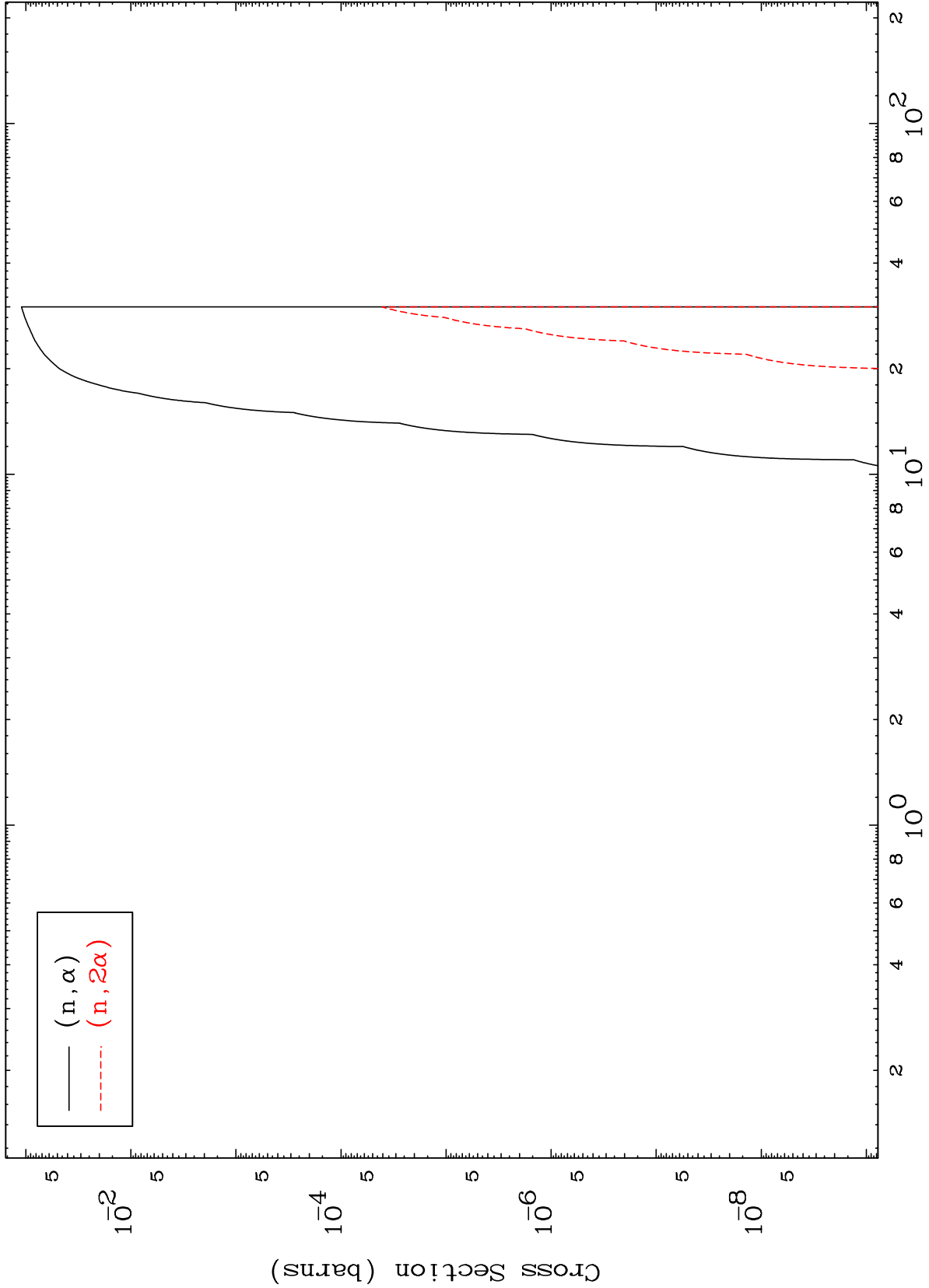
9

MAT 6116

( $\alpha, \alpha$ ) Levels

61-Pm-136

0 Kelvin Cross Sections



10

Incident Energy (MeV)

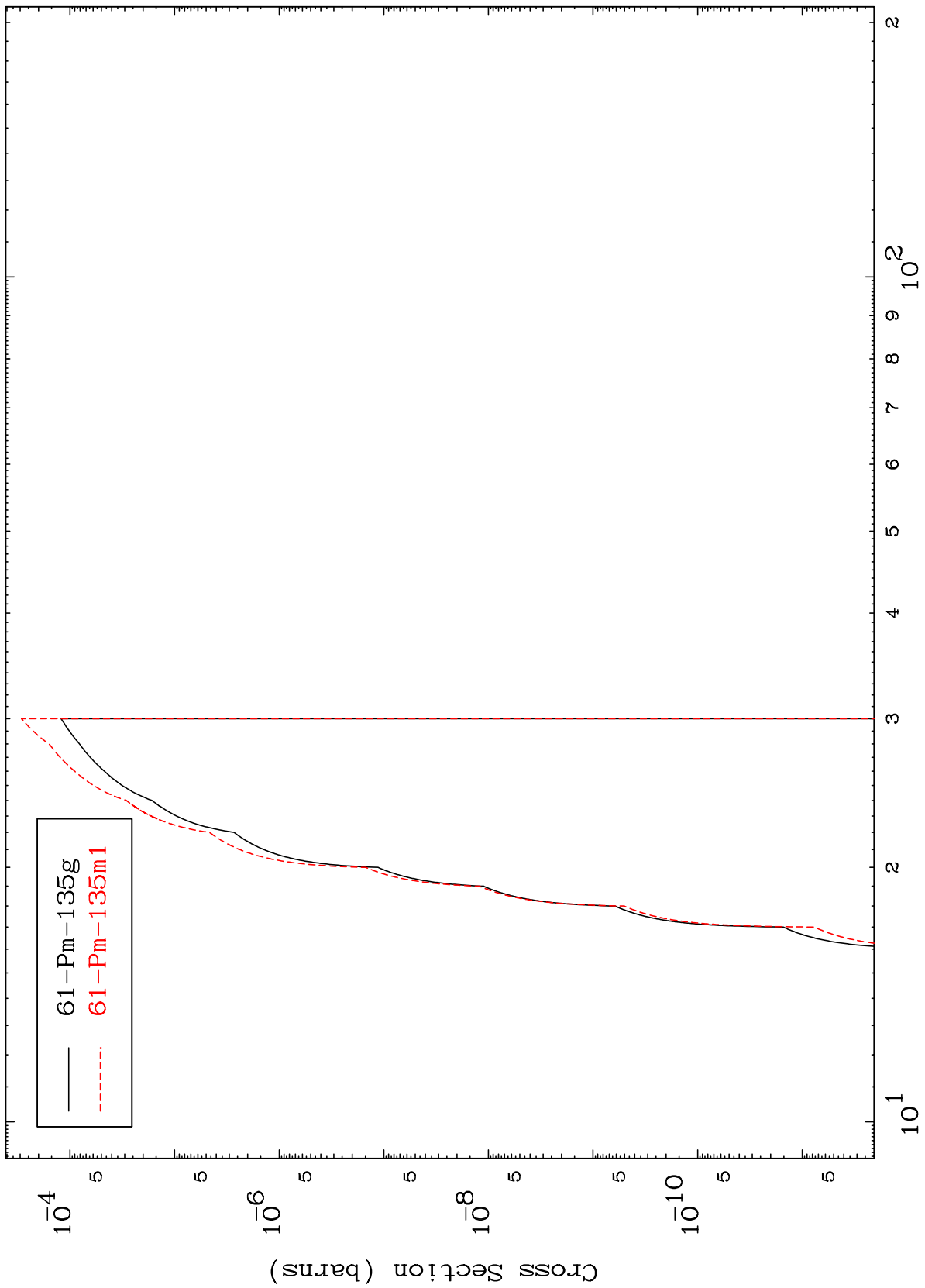
61-Pm-136

MAT 6116

61-Pm-136

(n,n')  $\alpha$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

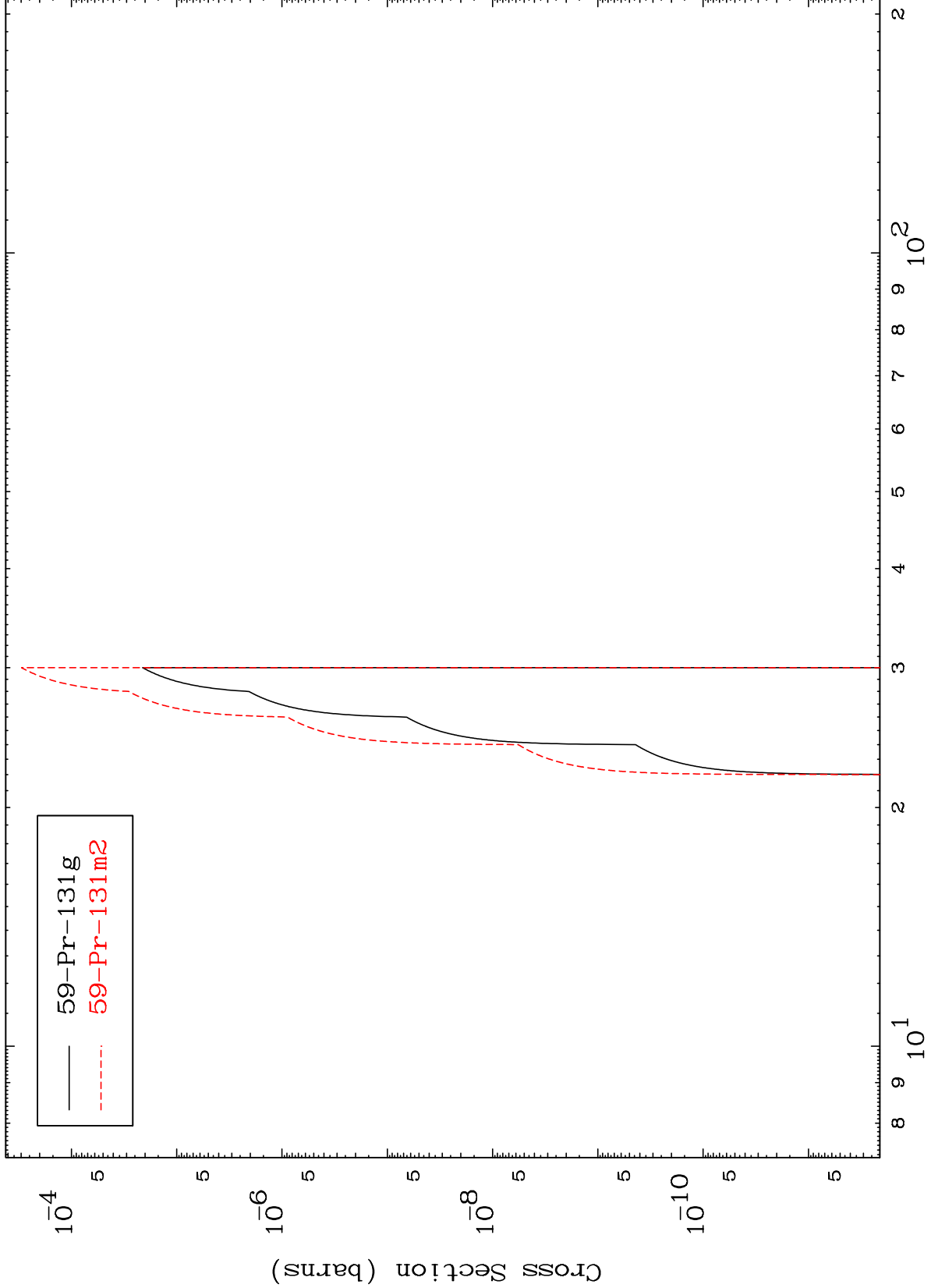
61-Pm-136

MAT 61116

(n,n') 2α

61-Pm-136

Radionuclide Production Cross Section



— 59-Pr-131g  
- - - 59-Pr-131m2

12

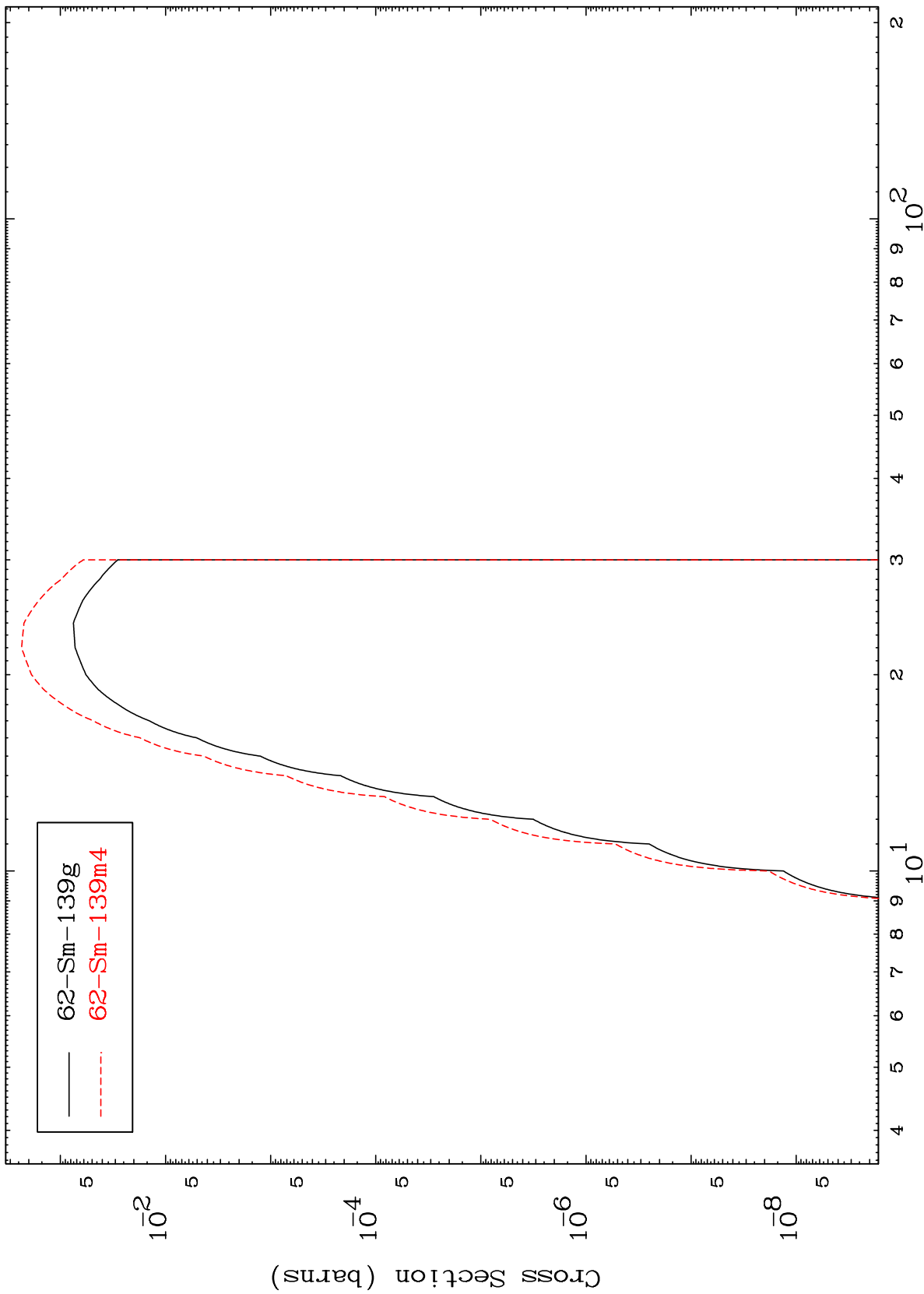
Incident Energy (MeV)

61-Pm-136

MAT 61116

61-Pm-136

(n,p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

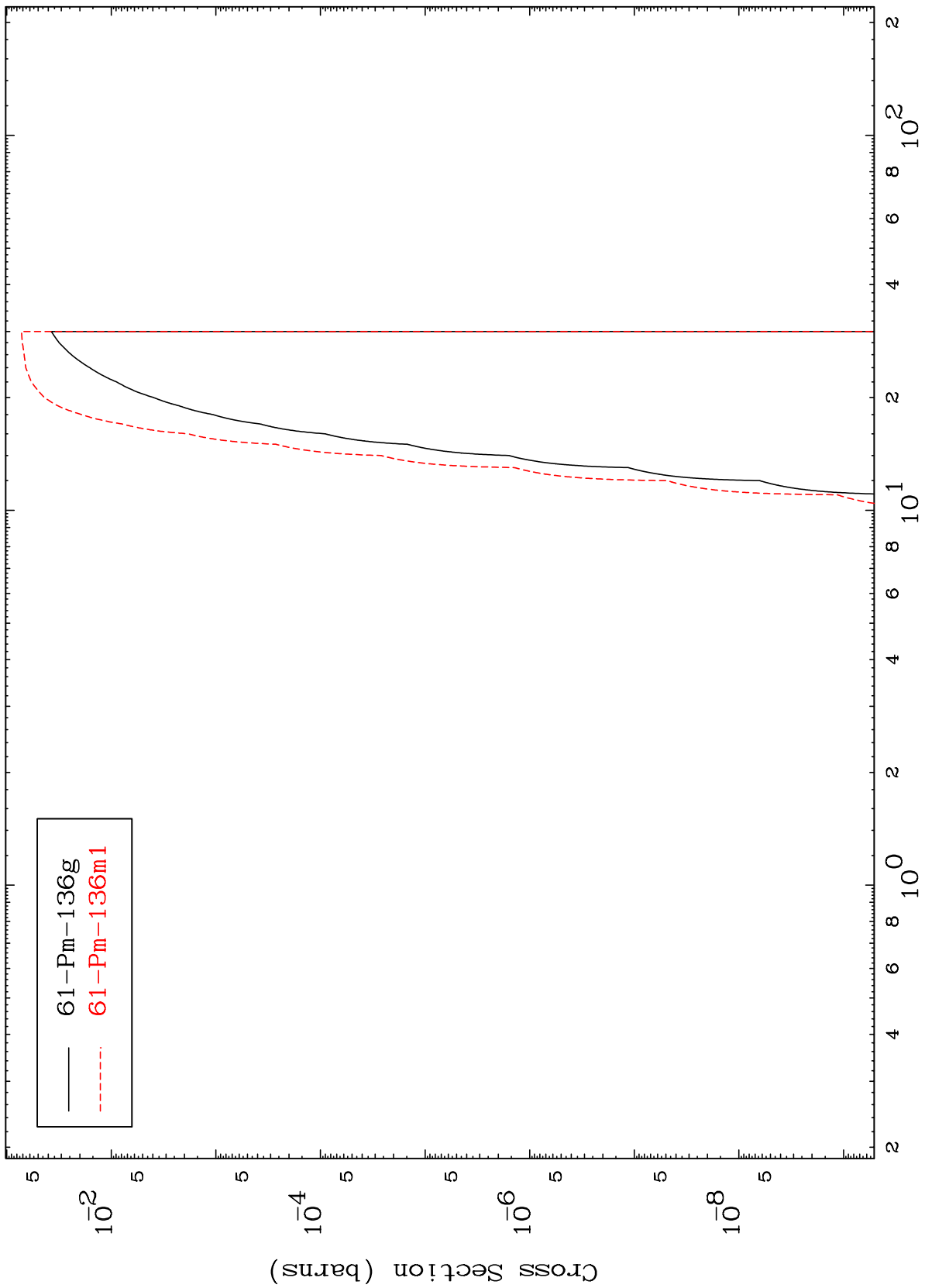
61-Pm-136

13

MAT 61116

61-Pm-136

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



61-Pm-136

Incident Energy (MeV)

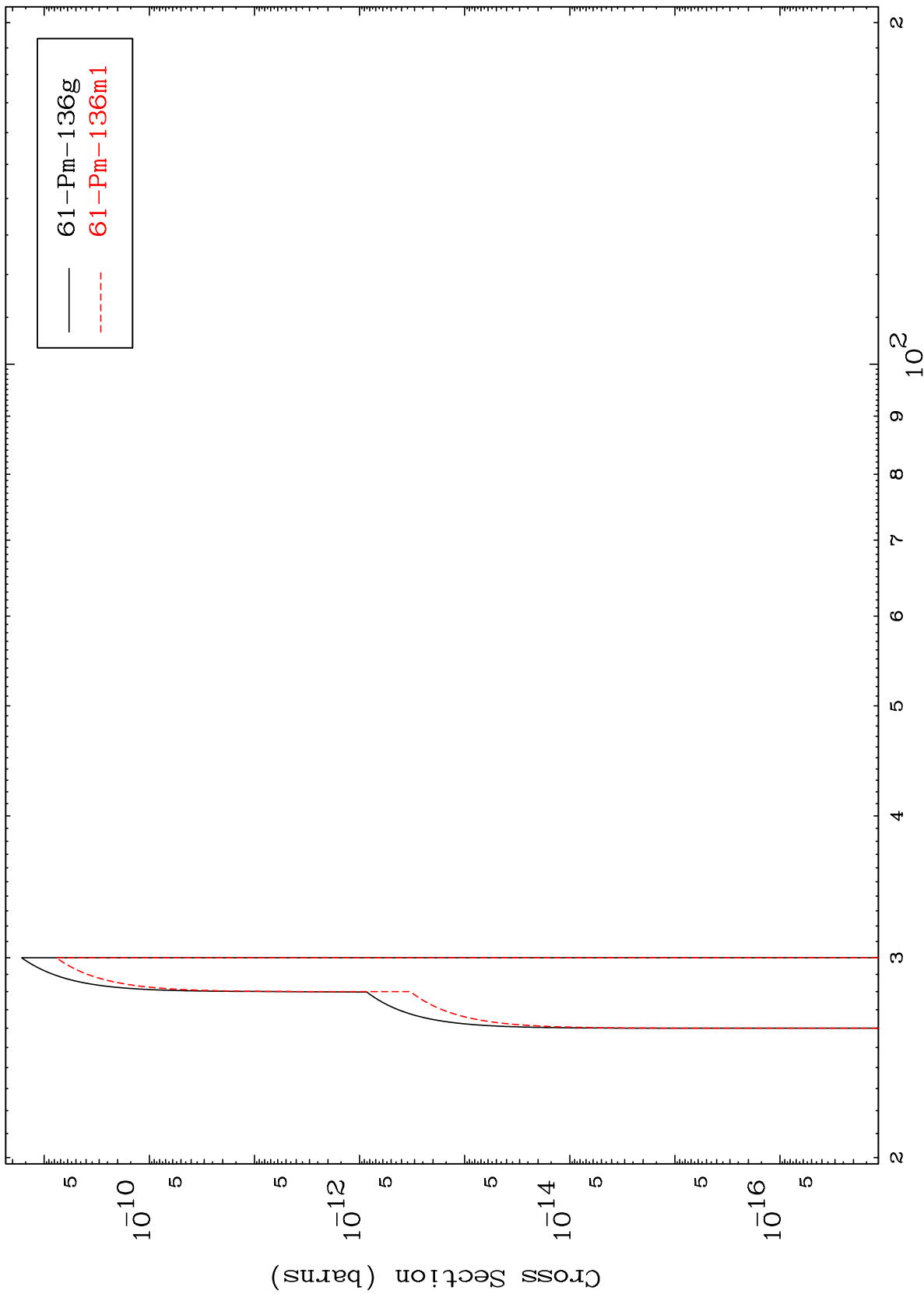
14

MAT 6116

(n,p) t

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-136