

$p_1(r_p)$

30  
20  
10  
0  
-10  
-20  
-30

$\gamma = 5/3$

$\gamma = 7/5$

$\gamma = 9/7$

-10

-5

0

5

10

$E_{\text{rel}}/q_{\text{rel}}$

$10^6$   
 $10^5$   
 $10^4$   
 $10^3$

$E_{\text{bc}} \text{ (eV)}$

