

$v_{1,\theta}(r=1)$

$\gamma=5/3$

$\gamma=7/5$

$\gamma=9/7$

1
0
-1
-2

-10

-5

0

5

10

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

10^6

10^5

10^4

10^3

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

