

$v_0 = 1000$ :  $qr_0 = 3.0451$  or  $6.0894$  or  $9.1318$  or  $12.171$  or  $15.206$  or  
 $18.235$  or  $21.254$  or  $24.258$  or  $27.237$  or  $30.151$

