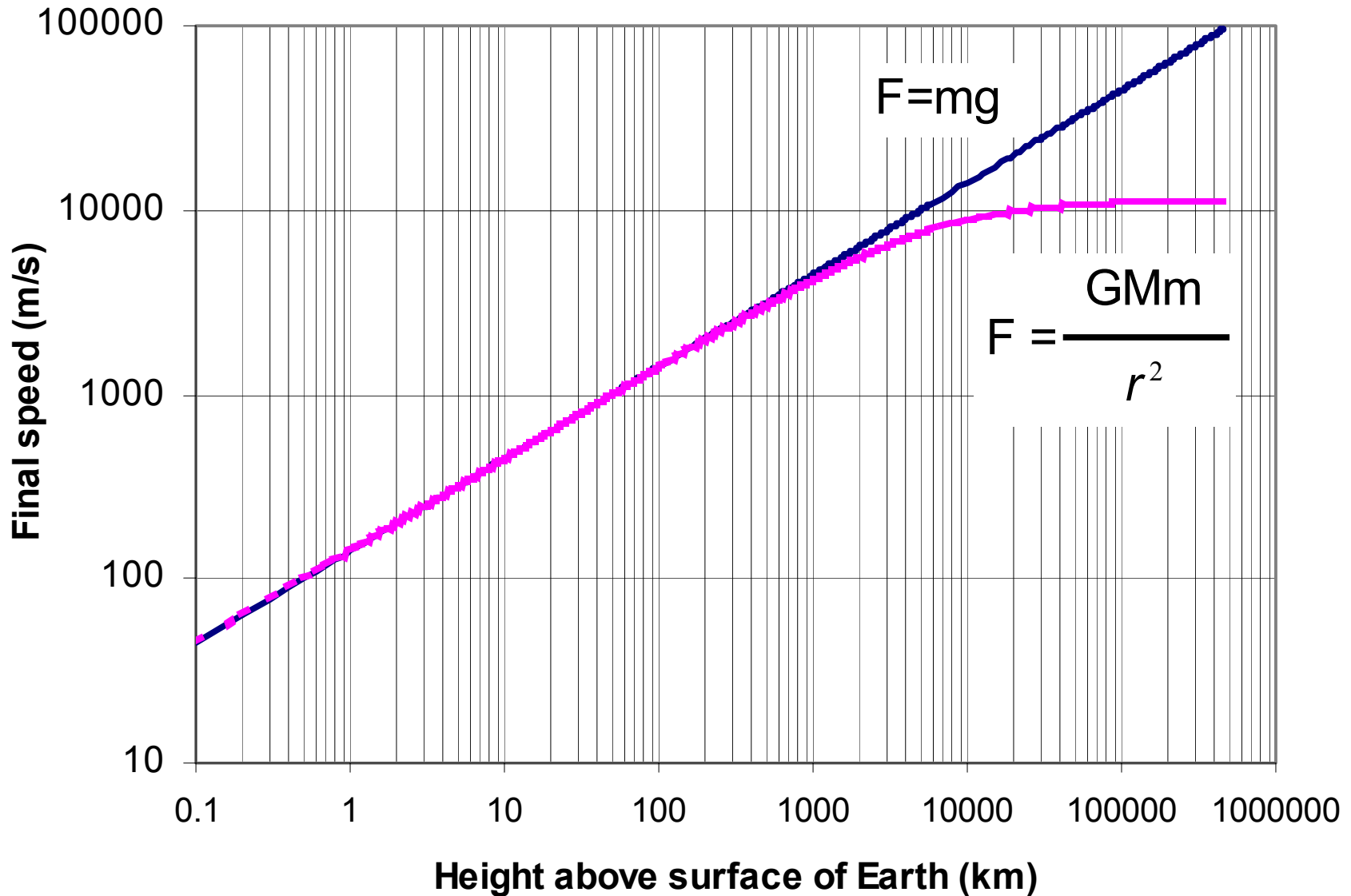


Final speed of object dropped from  $v_0 = 0$   
Neglecting air resistance ( $F=mg$  vs.  $F=GMm/r^2$ )



# Correction factor for $F=mg$ for variation of gravity with altitude

$R = \text{Radius of Earth}$   
 $h = \text{altitude}$

$$\left( \frac{R}{R+h} \right)^2$$

