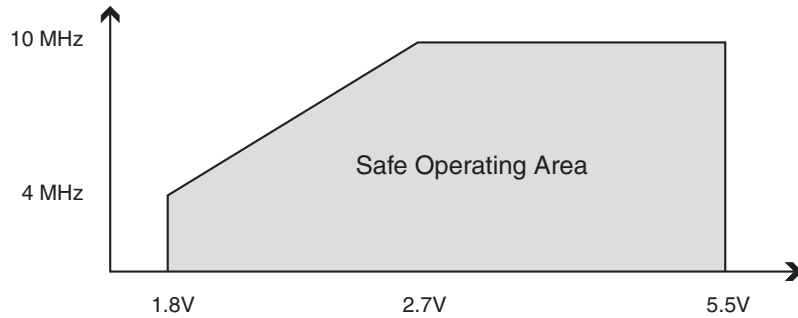## 28.3 Speed Grades

Maximum frequency is dependent on V_{CC}. As shown in Figure 28-1 and Figure 28-2, the Maximum Frequency vs. V_{CC} curve is linear between 1.8V < V_{CC} < 2.7V and between 2.7V < V_{CC} < 4.5V.

Figure 28-1. Maximum Frequency vs. V_{CC}, ATmega48V/88V/168V

Figure 28-2. Maximum Frequency vs. V_{CC}, ATmega48/88/168