

KE	$v$ (m/s)	B (T)	R
Protons			
1 MeV	$1.4 \times 10^7$	1	15 cm
50 MeV	$9.4 \times 10^7$	1	1.04 m
		1/10	10.4 m
500 GeV	$2.999999 \times 10^8$	1.5	1.1 km
7,000 GeV	$\sim c$	5.5	4.2 km
Electrons			
15 eV	$2.3 \times 10^6$	$0.5 \times 10^{-4}$	26 cm
100 keV	$1.6 \times 10^8$	1	1.1 mm
		1/10	11 mm
500 keV	$2.6 \times 10^8$	1	2.9 mm
		1/10	2.9 cm