



atom $\sim 10^{-8}$ cm



electron
 $< 10^{-16}$ cm



nucleus
 $\sim 10^{-12}$ cm

proton
(neutron)



$\sim 10^{-13}$ cm

~~quark
 $< 10^{-16}$ cm~~



$< 3.6 \times 10^{-18}$ cm if destructive
 $< 3.0 \times 10^{-18}$ cm if constructive
interference

~~$< 5.0 \times 10^{-18}$ cm~~

(Oct 2010, 2.9 pb^{-1})

(Feb 2011, 36 pb^{-1})