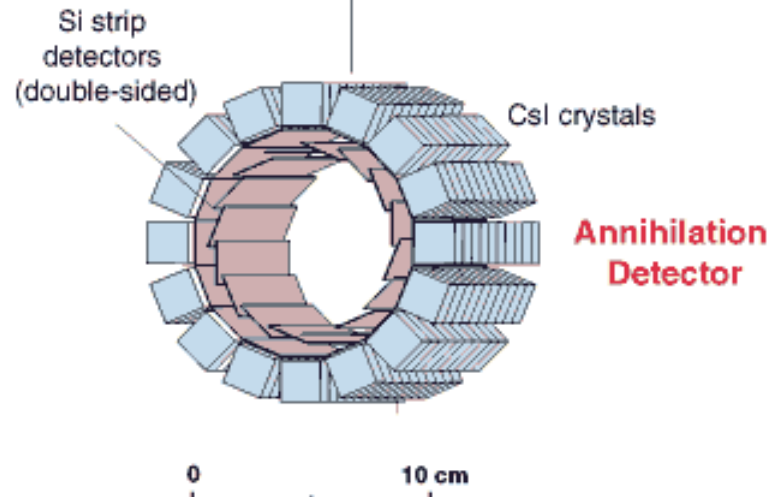
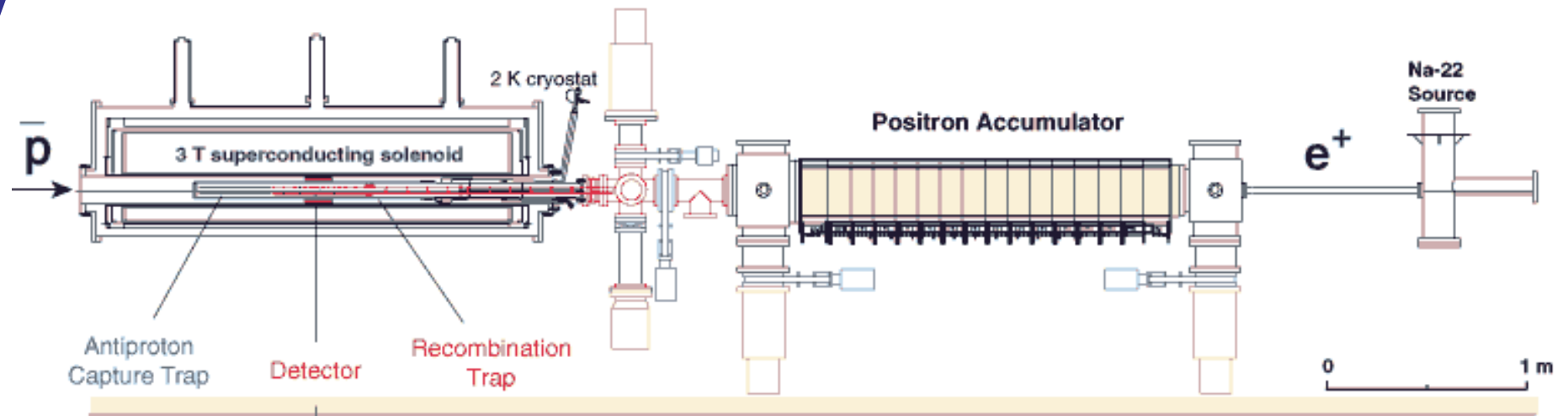
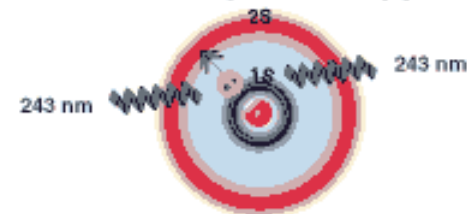


# ATHENA / AD-1 : Antihydrogen Production and Spectroscopy

Antiproton Accumulation +  
Recombination with positrons



**LONG TERM GOAL:**  
2-Photon Laser Spectroscopy:  $\Delta E$  (1S-2S)



**Comparison  $\bar{H} : H$  with precision  $10^{-12} \dots 10^{-15}$**