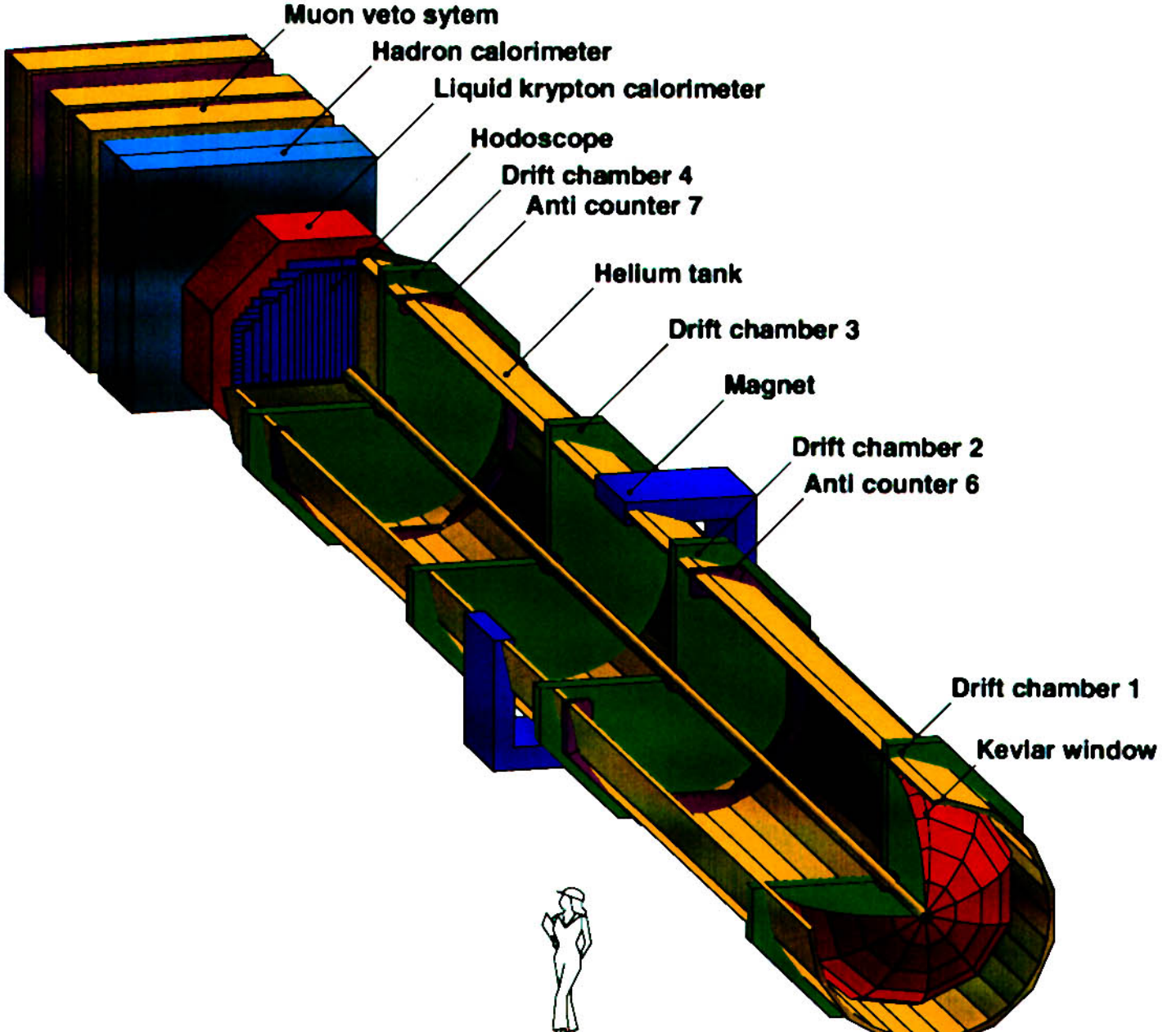
NA48 Magnetic Spectrometer

performance characteristics:

$\sigma_x < 120\ \mu m$ / coord $\qquad \frac{\sigma_p}{p} = (\ 0.47 \oplus 0.01\ p\ )\ \%$

efficiency > 99% / plane

$\pi^+\pi^-$ mass resolution: 3 MeV / c^2