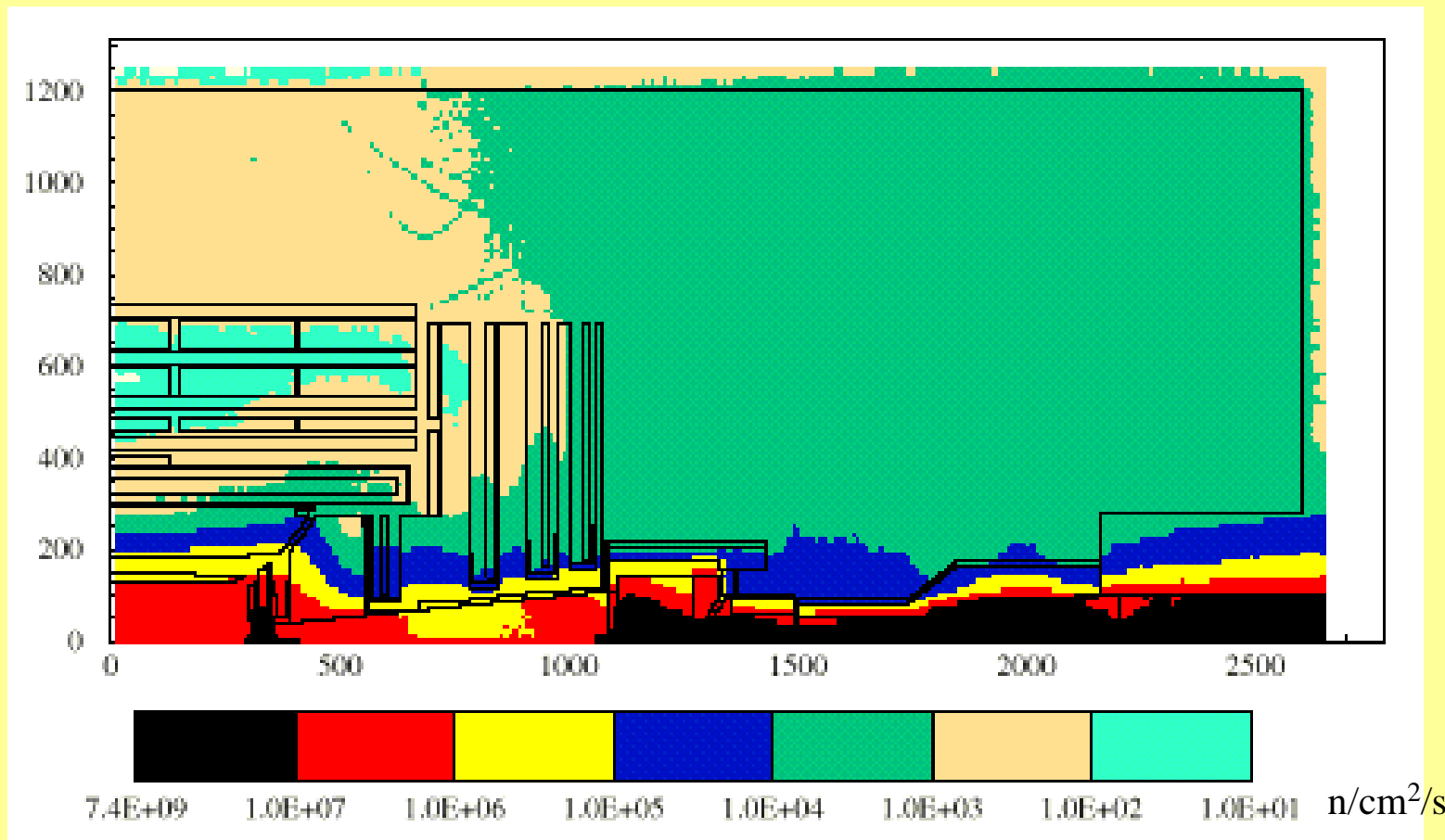




# CMS Neutron Environment

## Neutron fluxes in the CMS area

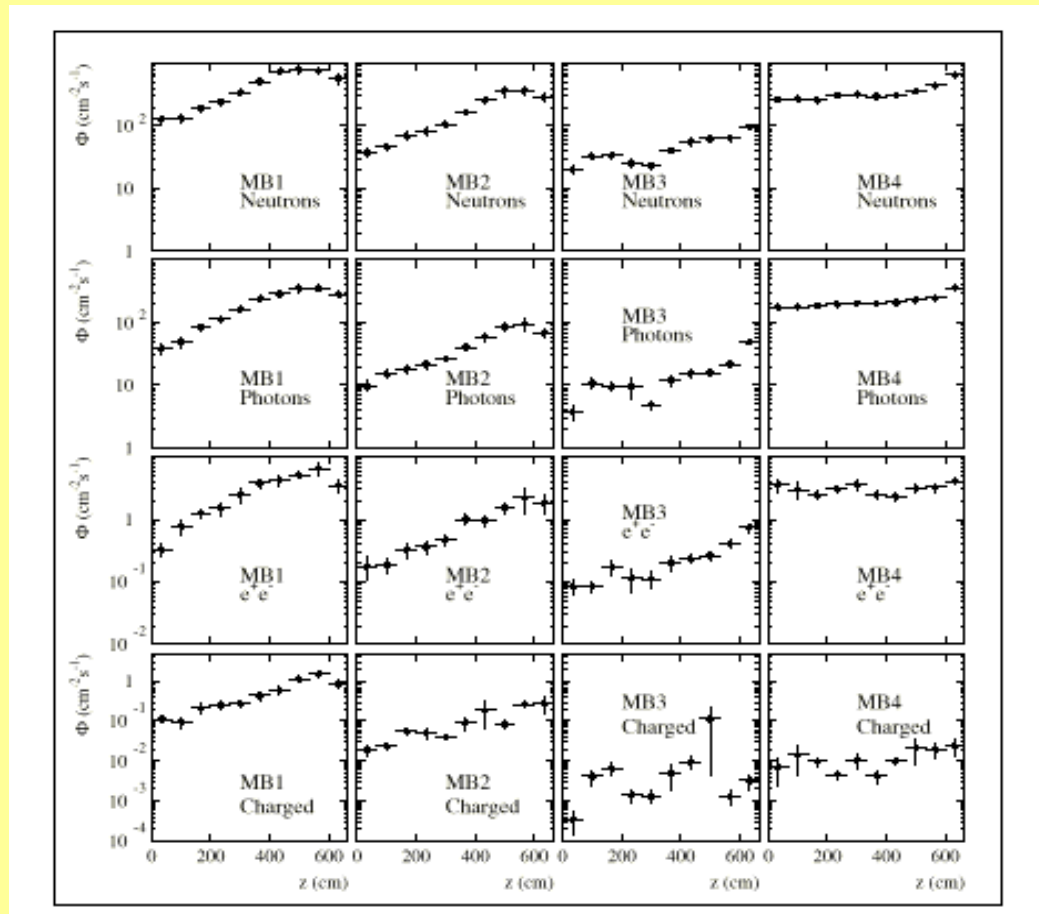


LHC luminosity =  $10^{34} \text{ cm}^{-2} \text{ s}^{-1}$



# CMS Neutron Environment

## Neutron fluxes in the barrel muon chambers

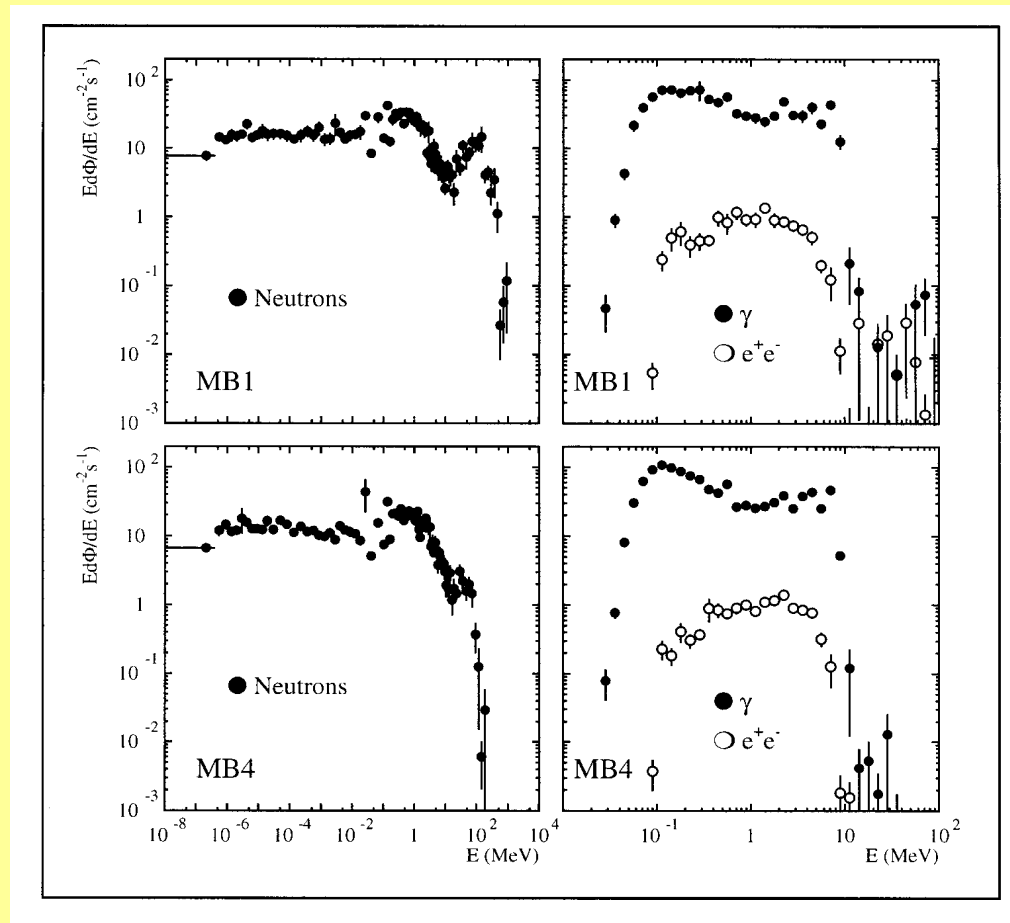


LHC luminosity =  $10^{34} \text{ cm}^{-2} \text{ s}^{-1}$



# CMS Neutron Environment

## Particle spectra in the barrel muon chambers



LHC luminosity =  $10^{34} \text{ cm}^{-2} \text{ s}^{-1}$