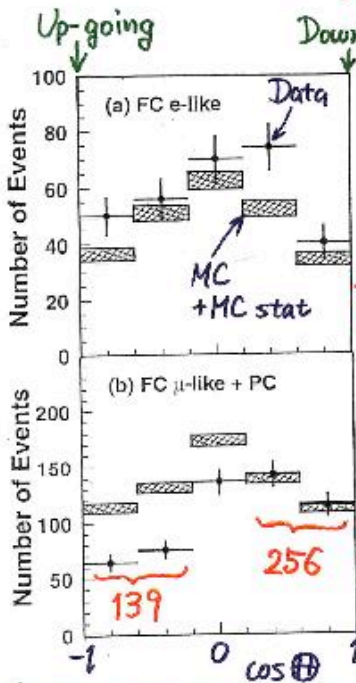


# Zenith angle dependence (Multi-GeV)



$\chi^2(\text{shape})$   
 $= 2.8 / 4 \text{ dof}$

$\frac{\text{Up}}{\text{Down}} = 0.93^{+0.13}_{-0.12}$

$\chi^2(\text{shape})$   
 $= 30 / 4 \text{ dof}$

$\frac{\text{Up}}{\text{Down}} = 0.54^{+0.06}_{-0.05}$

**$(6.2\sigma !!)$**

\* Up/Down syst. error for  $\mu$ -like