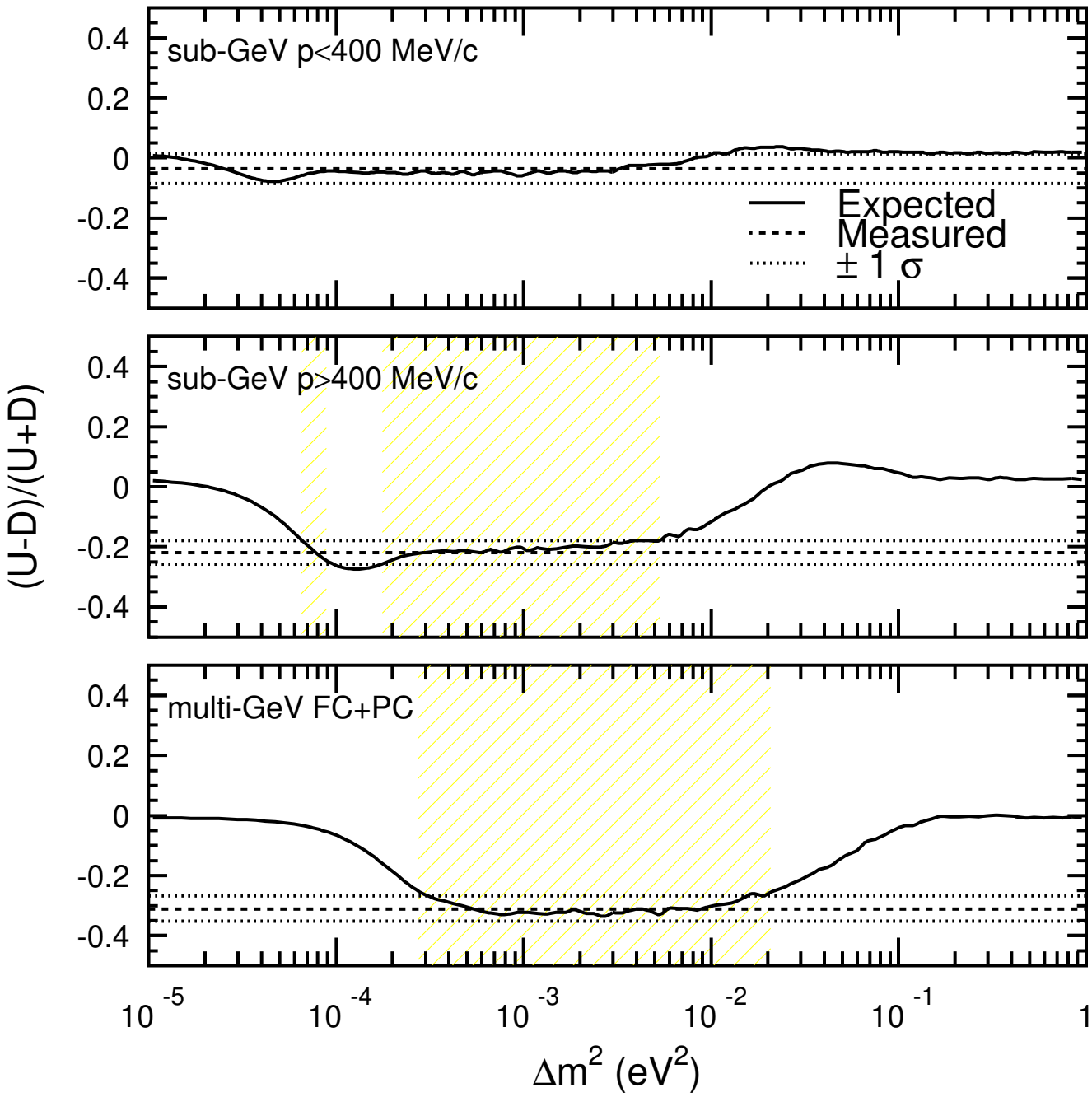
Expected Zenith Angle Asymmetries

$\sin^2 2\theta = 1$