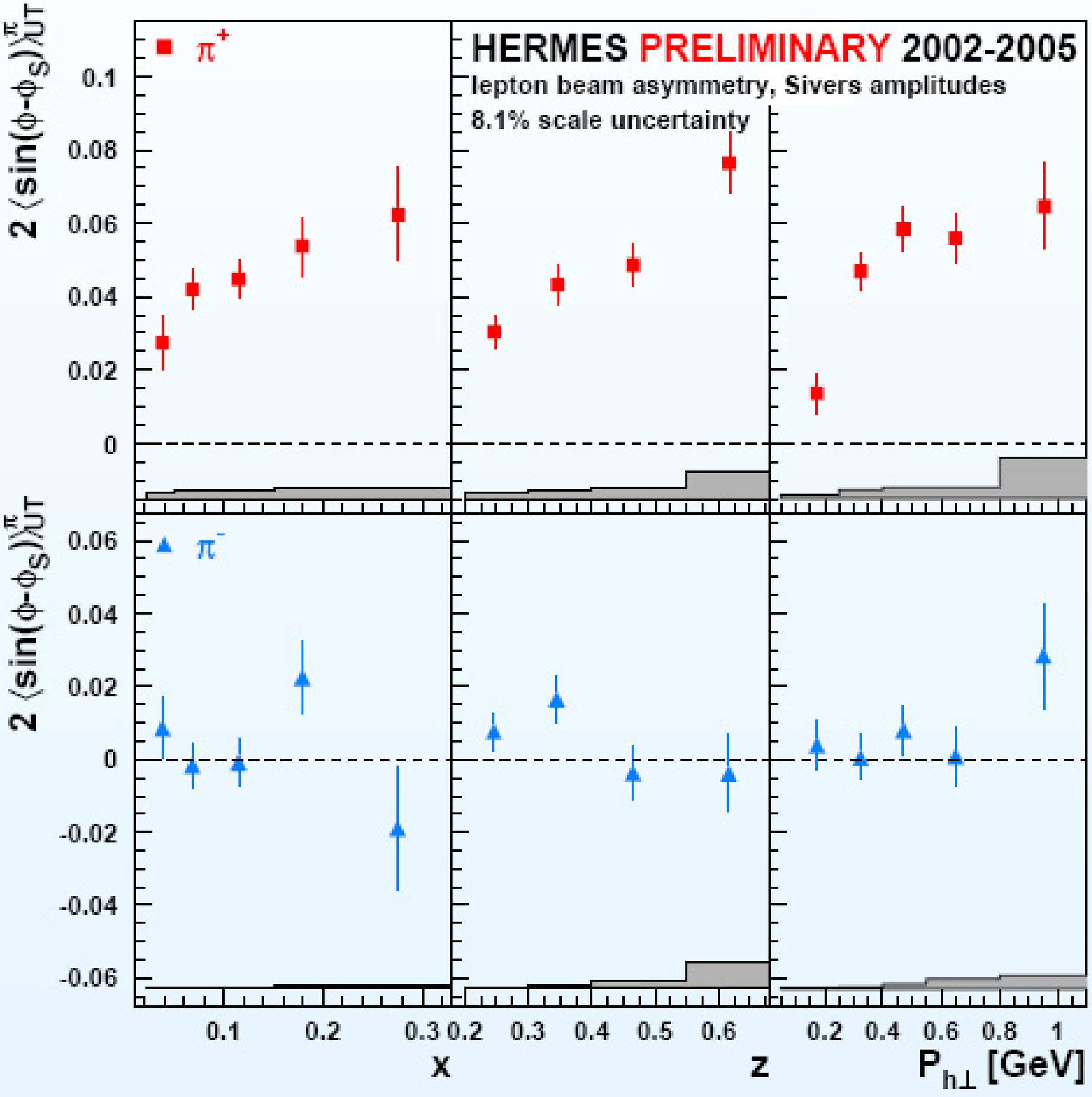
HERMES PRELIMINARY 2002-2005
lepton beam asymmetry, Sivers amplitudes
8.1% scale uncertainty
π^+
π^-
$2\langle\sin(\phi-\phi_S)\rangle^{\pi}_{UT}$
0.1
0.08
0.06
0.04
0.02
0
0.06
0.04
0.02
0
-0.02
-0.04
-0.06
0.1
0.2
0.3
0.2
0.3
0.4
0.5
0.6
0.2
0.4
0.6
0.8
1
x
z
$P_{h\perp}$ [GeV]