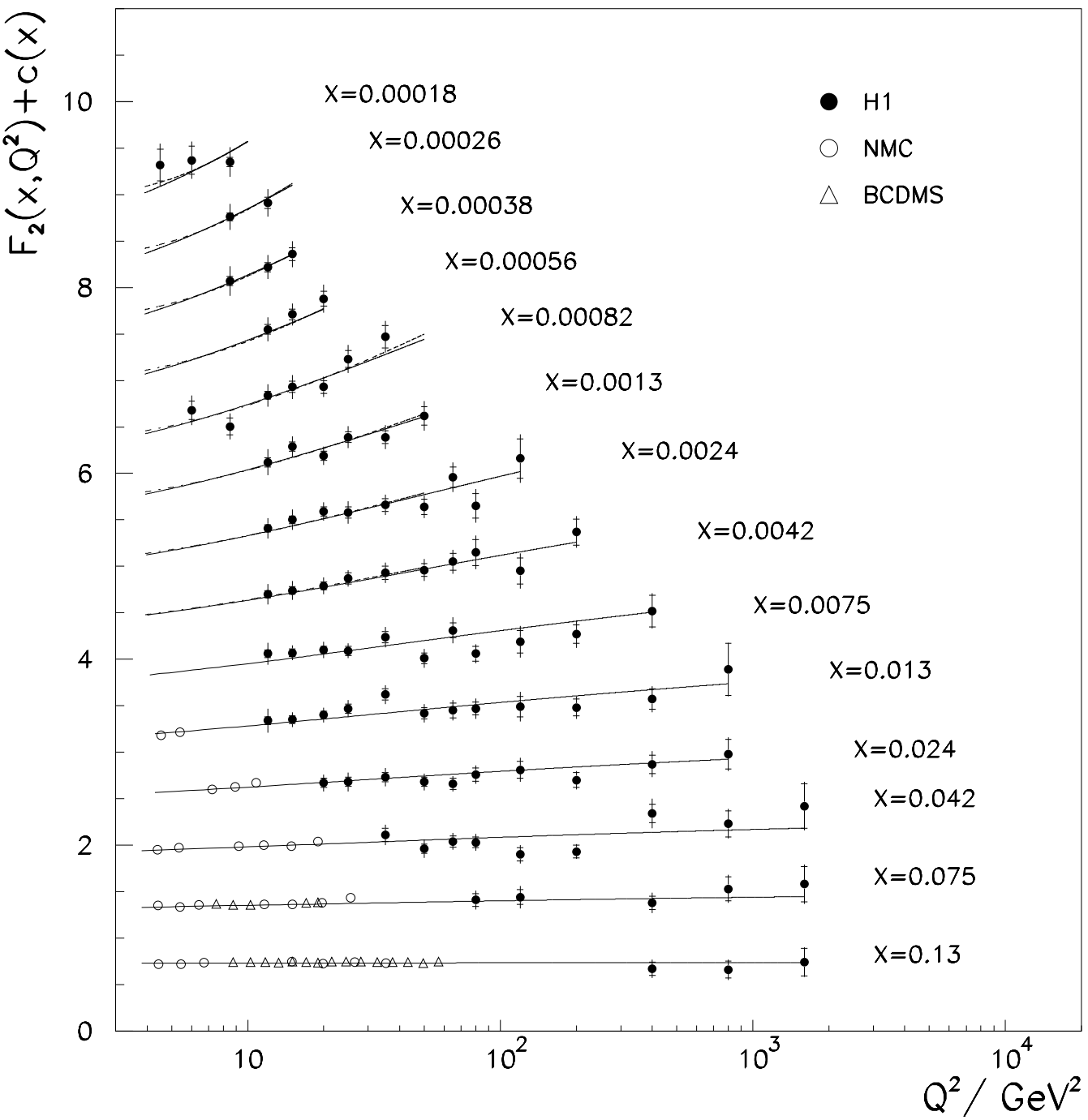
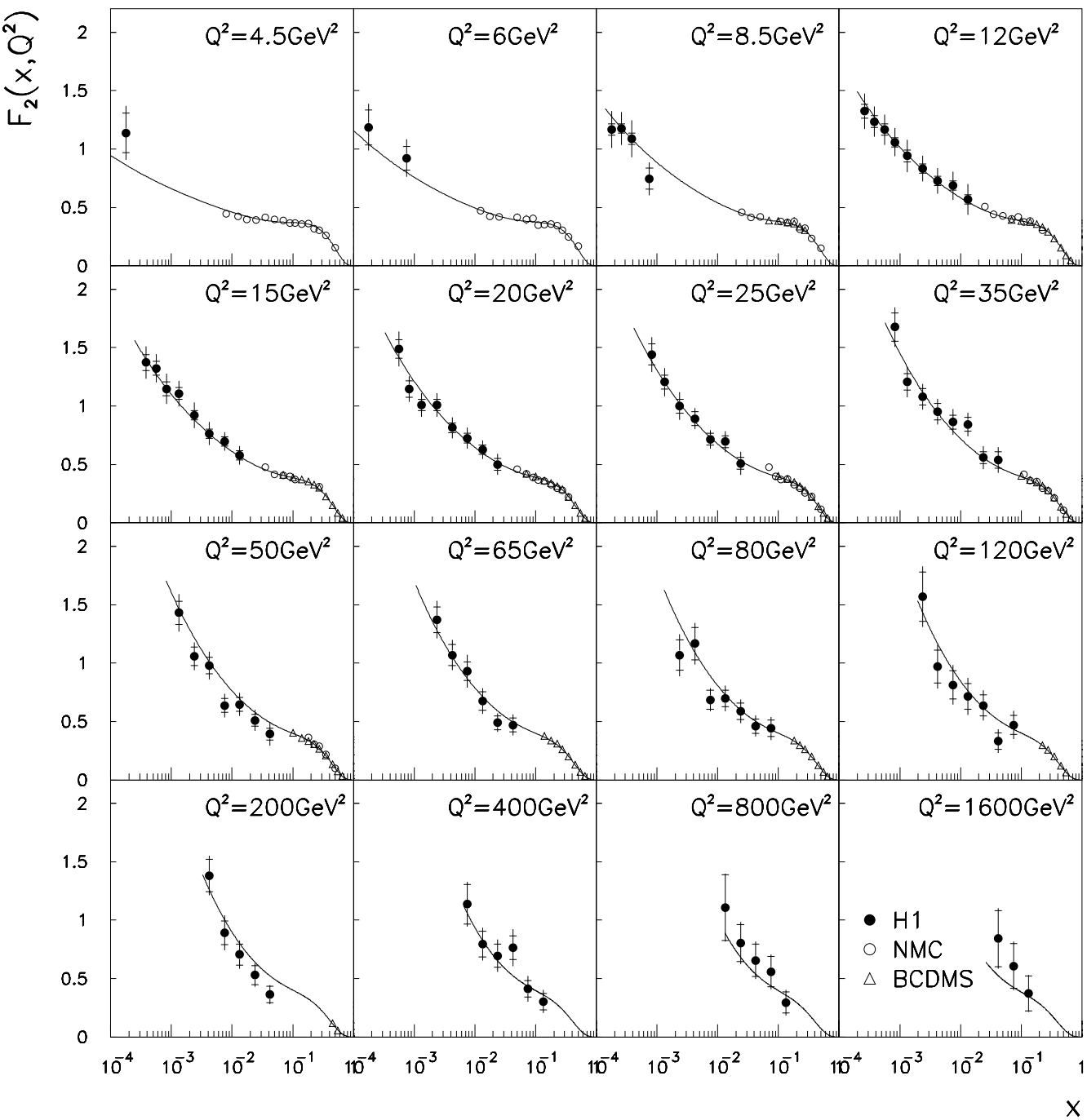
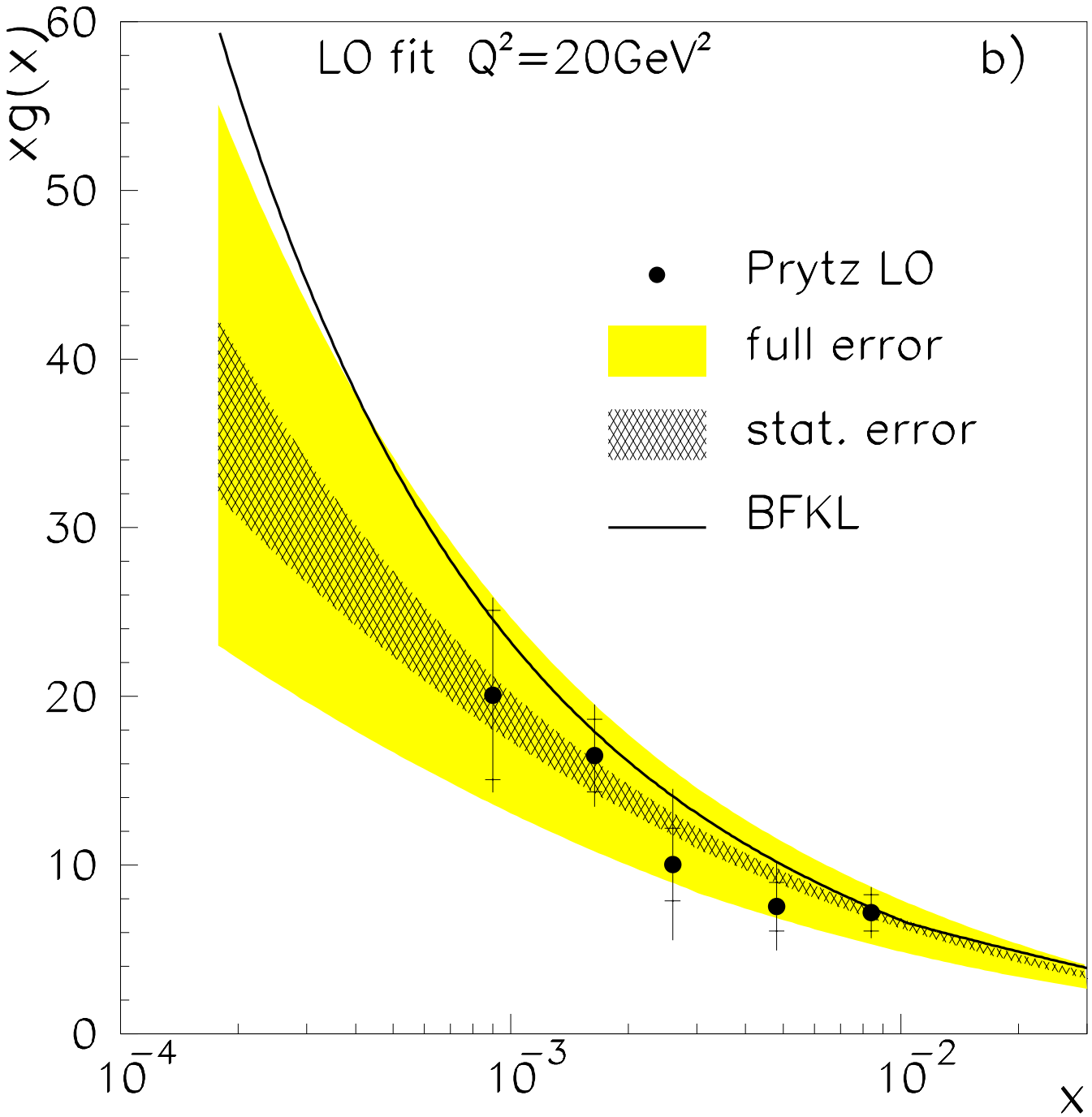
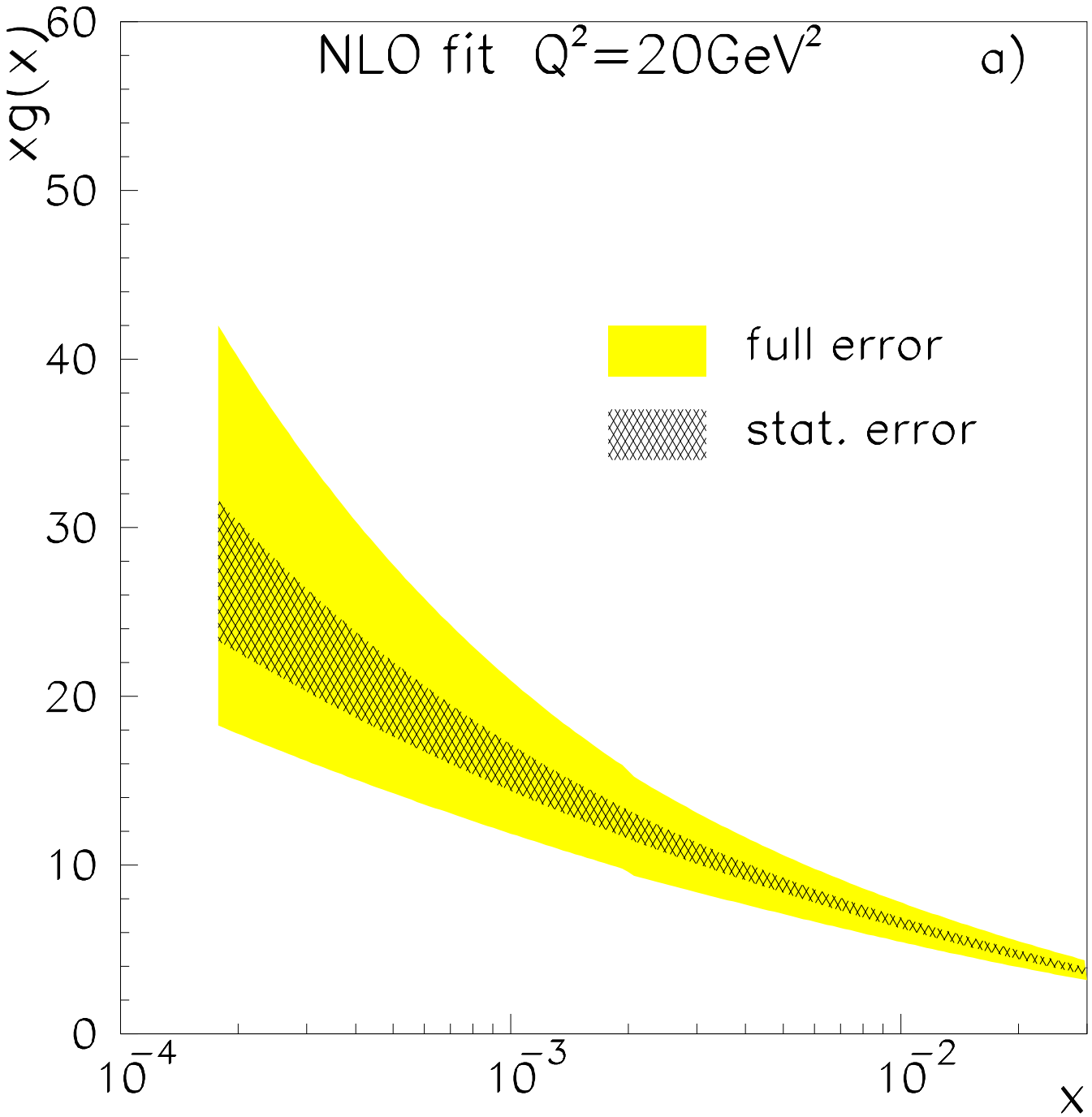
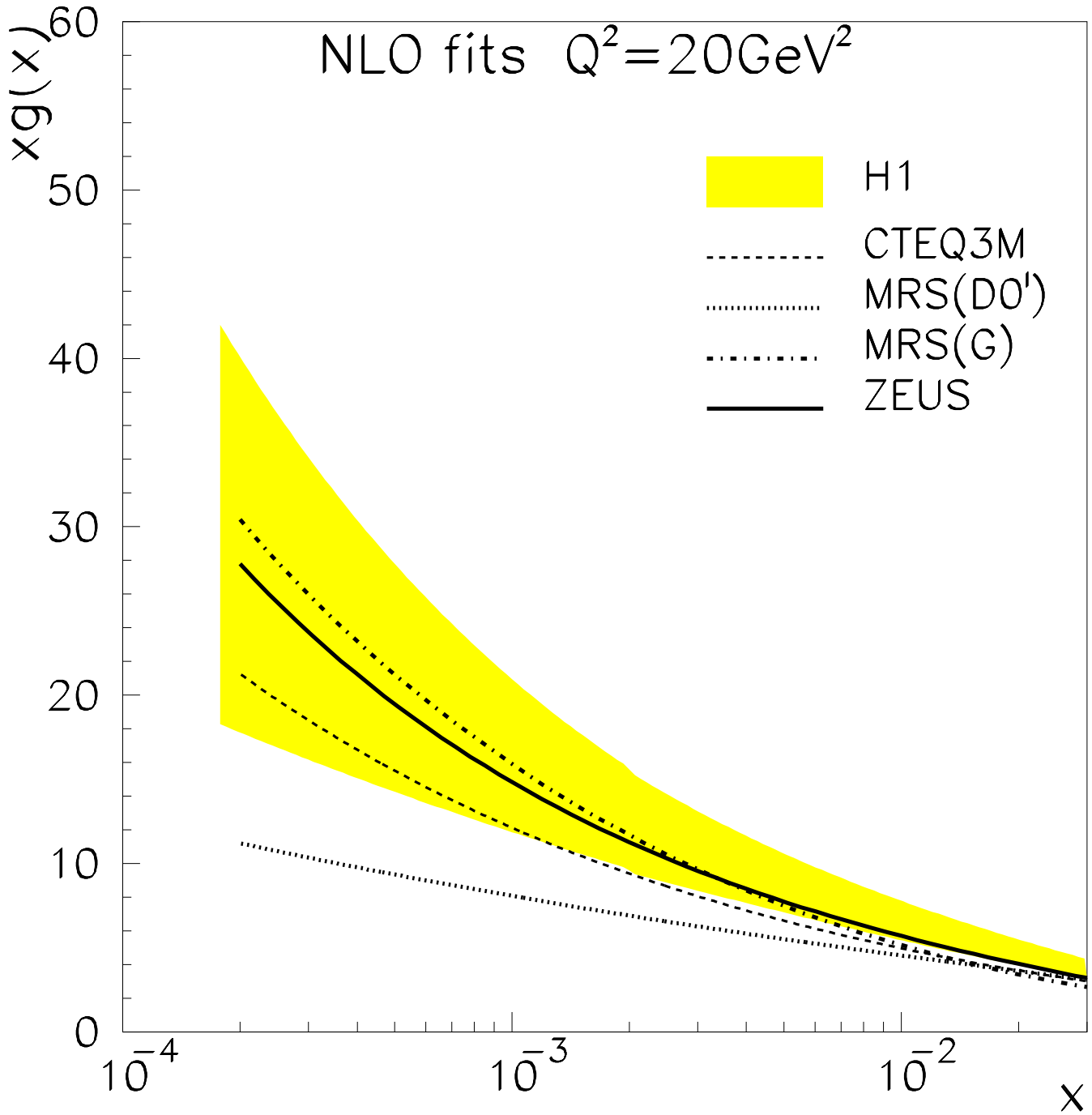

$F_2(x,Q^2)+c(x)$
X=0.00018
X=0.00026
X=0.00038
X=0.00056
X=0.00082
X=0.0013
X=0.0024
X=0.0042
X=0.0075
X=0.013
X=0.024
X=0.042
X=0.075
X=0.13
H1
NMC
BCDMS
Q^2 / GeV^2


$F_2(x,Q^2)$
Q^2=4.5GeV^2
Q^2=6GeV^2
Q^2=8.5GeV^2
Q^2=12GeV^2
Q^2=15GeV^2
Q^2=20GeV^2
Q^2=25GeV^2
Q^2=35GeV^2
Q^2=50GeV^2
Q^2=65GeV^2
Q^2=80GeV^2
Q^2=120GeV^2
Q^2=200GeV^2
Q^2=400GeV^2
Q^2=800GeV^2
Q^2=1600GeV^2
H1
NMC
BCDMS
x


LO fit Q²=20GeV²
b)
xg(x)
60
50
40
30
20
10
0
10⁻⁴
10⁻³
10⁻²
x
Prytz LO
full error
stat. error
BFKL


NLO fit $Q^2=20GeV^2$
a)
xg(x)
60
50
40
30
20
10
0
full error
stat. error
10^{-4}
10^{-3}
10^{-2}
x


NLO fits $Q^2=20GeV^2$
xg(x)
60
50
40
30
20
10
0
10^{-4}
10^{-3}
10^{-2}
x
H1
CTEQ3M
MRS(D0')
MRS(G)
ZEUS