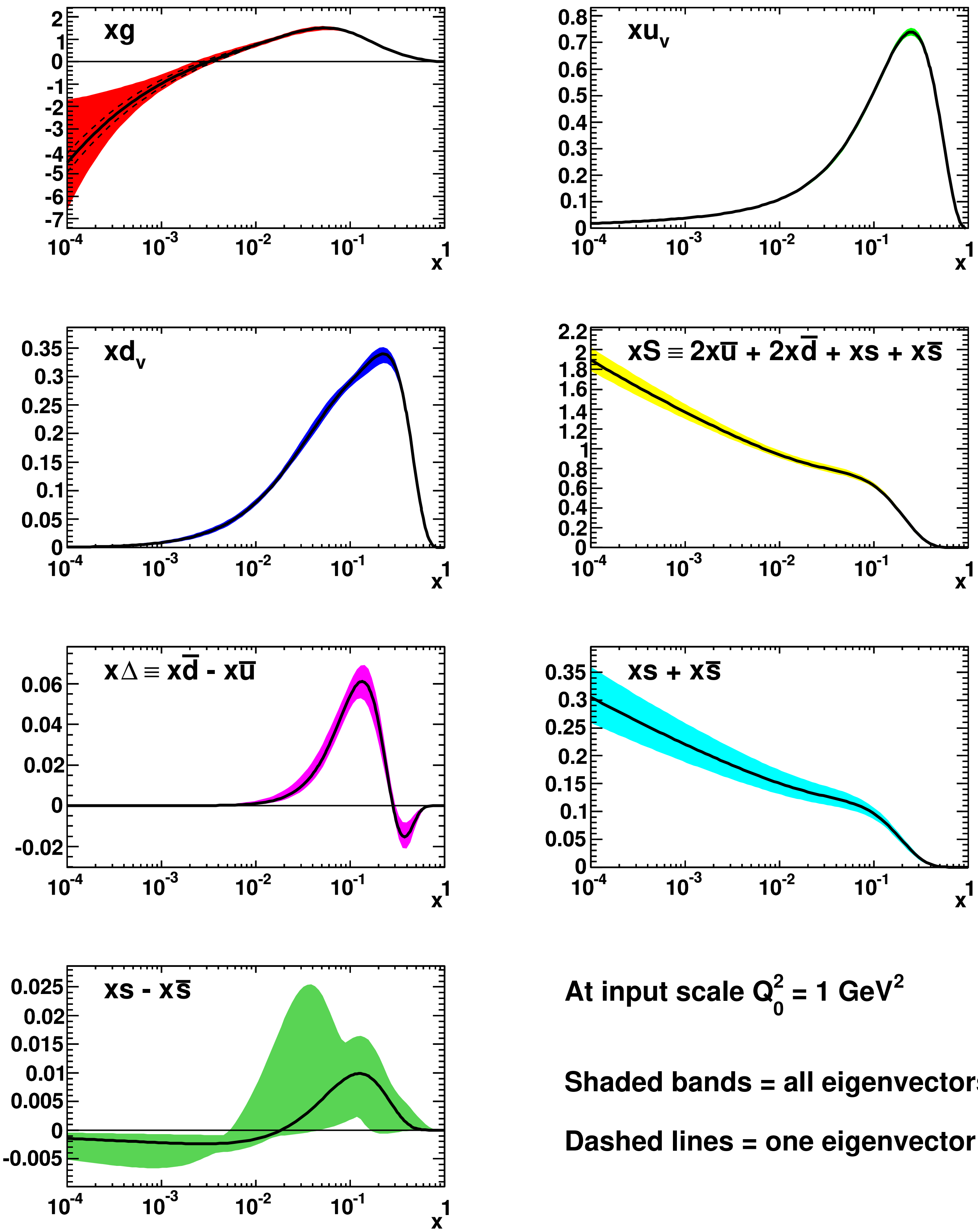
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 1



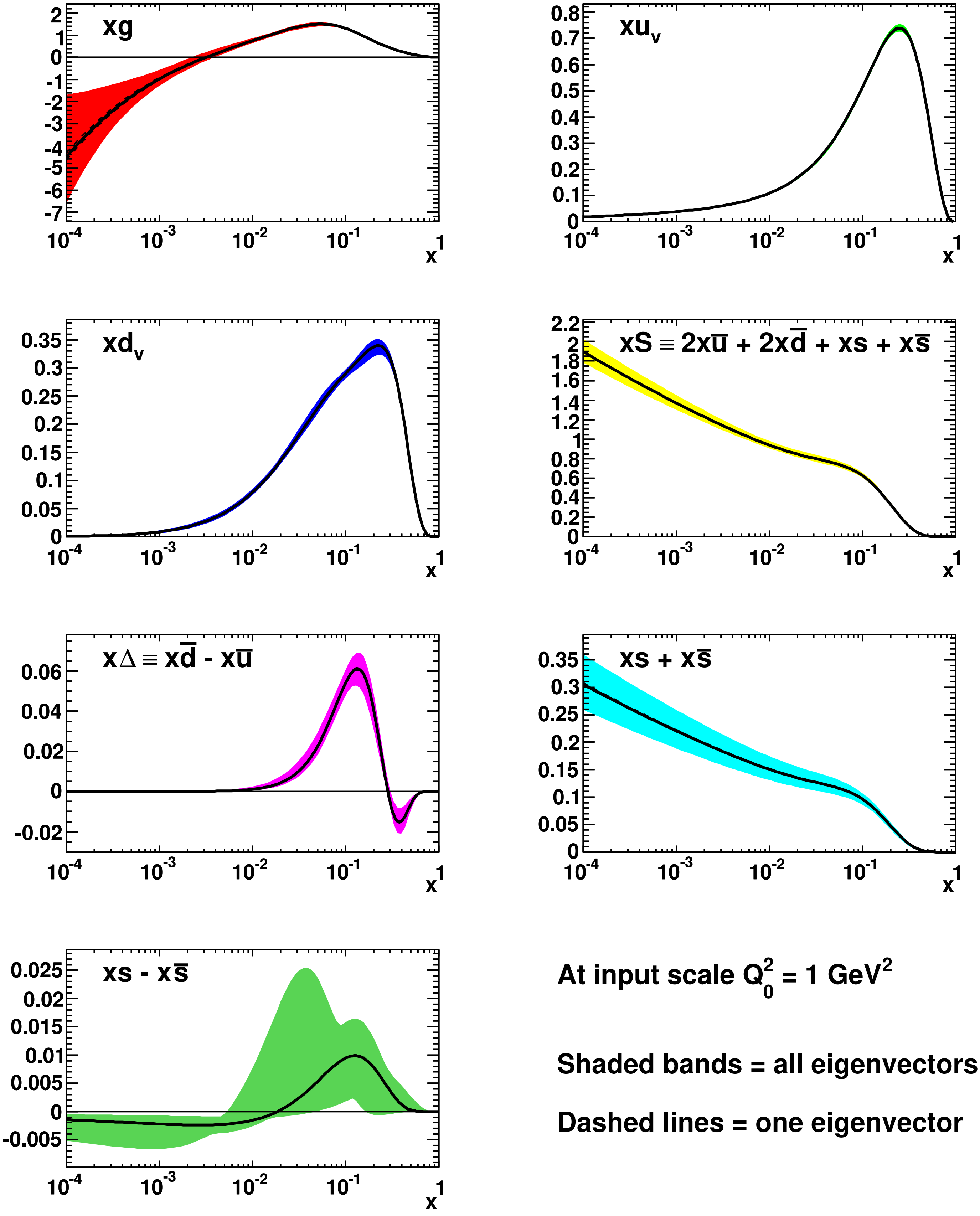
At input scale $Q_0^2 = 1\ \mathrm{GeV}^2$

Shaded bands = all eigenvectors

Dashed lines = one eigenvector

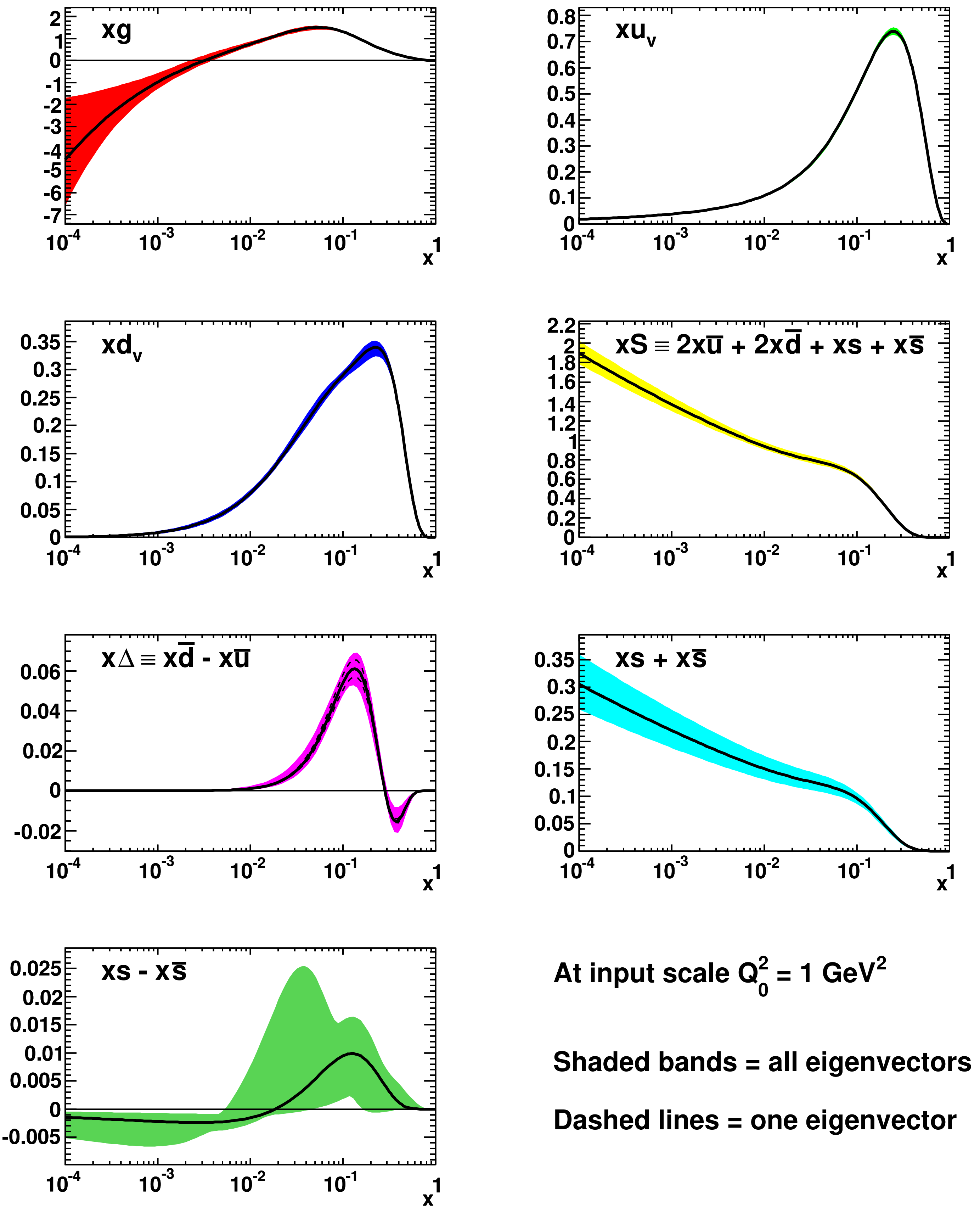
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 2



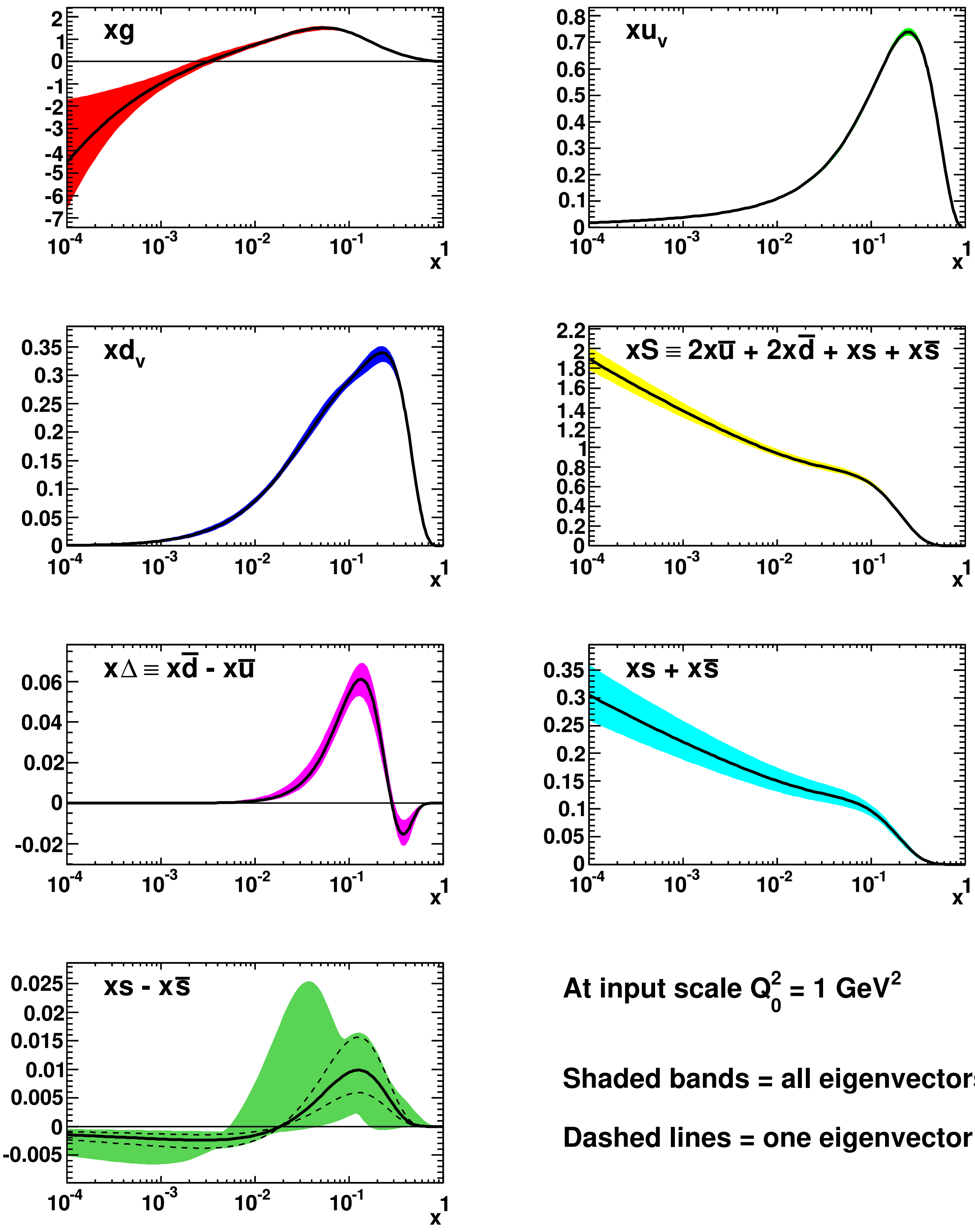
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 3



MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 4



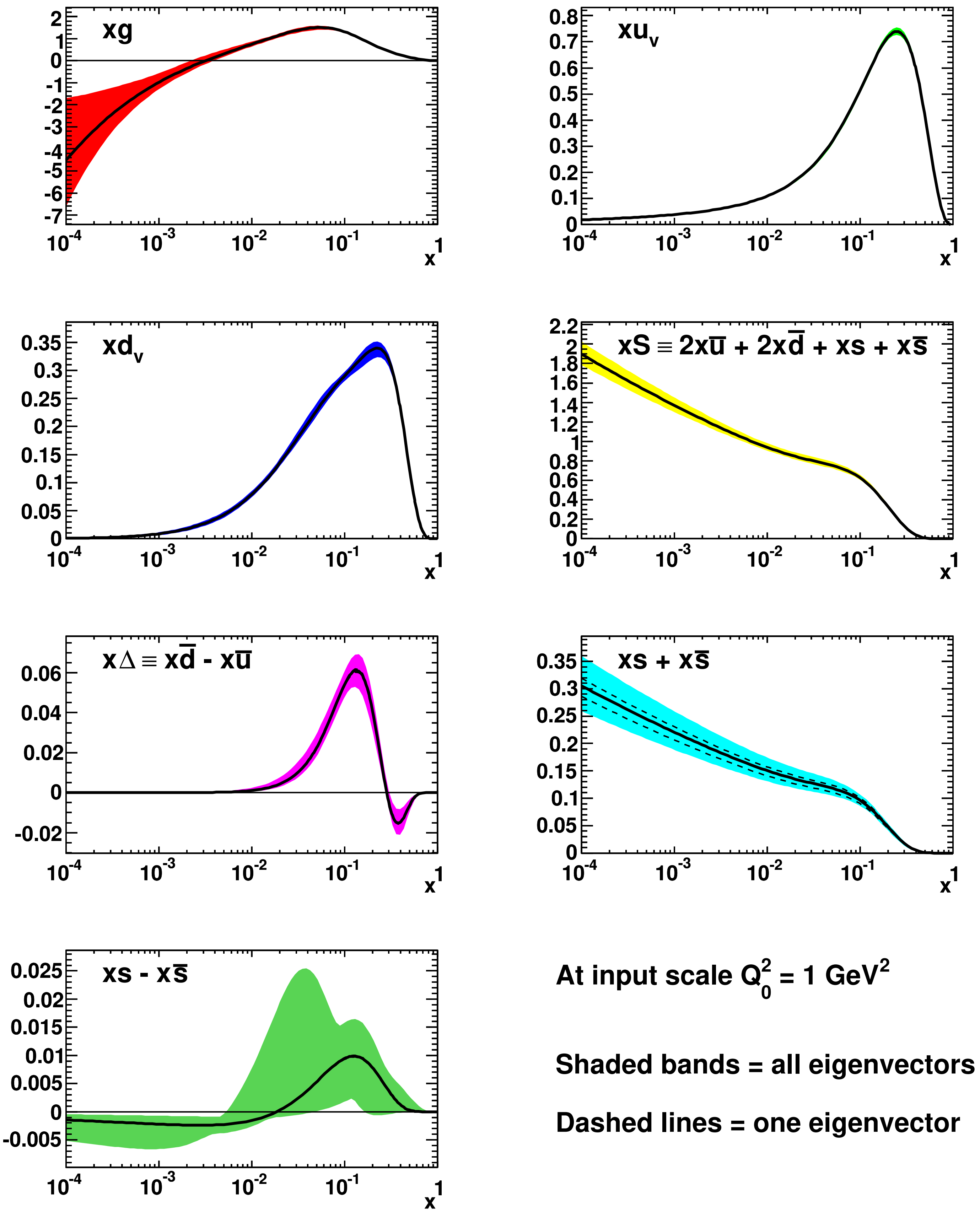
At input scale $Q_0^2 = 1\ \mathrm{GeV}^2$

Shaded bands = all eigenvectors

Dashed lines = one eigenvector

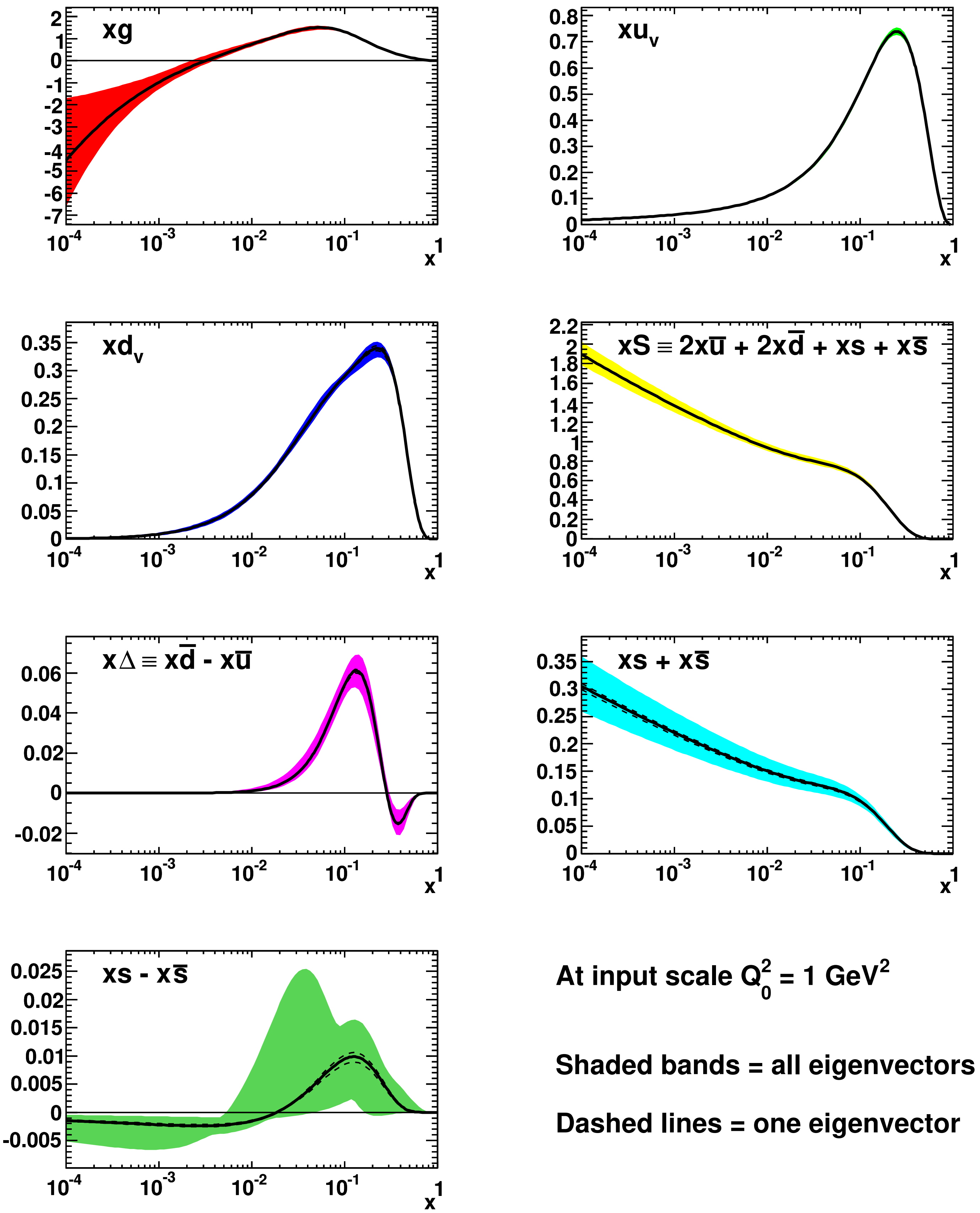
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 5



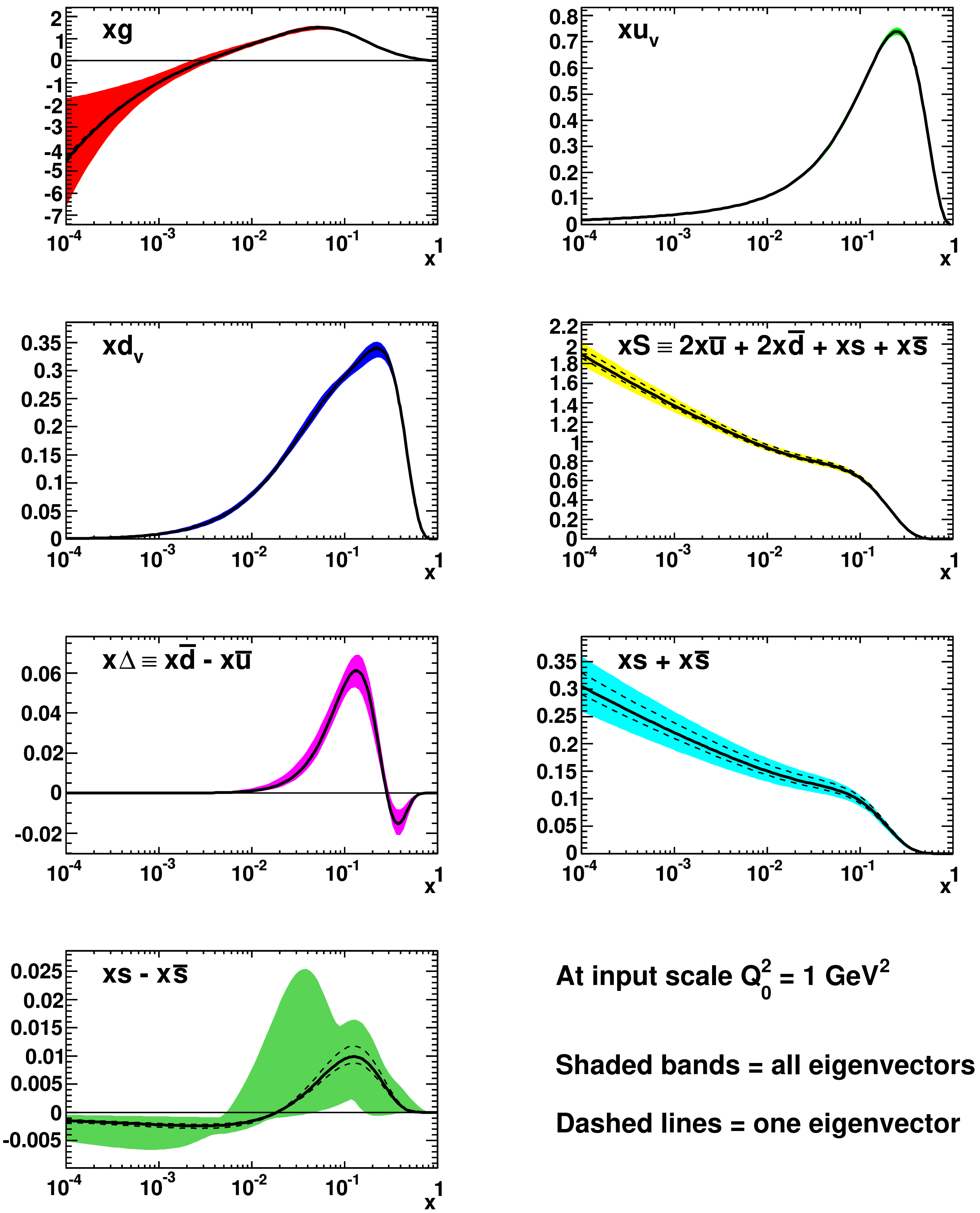
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 6



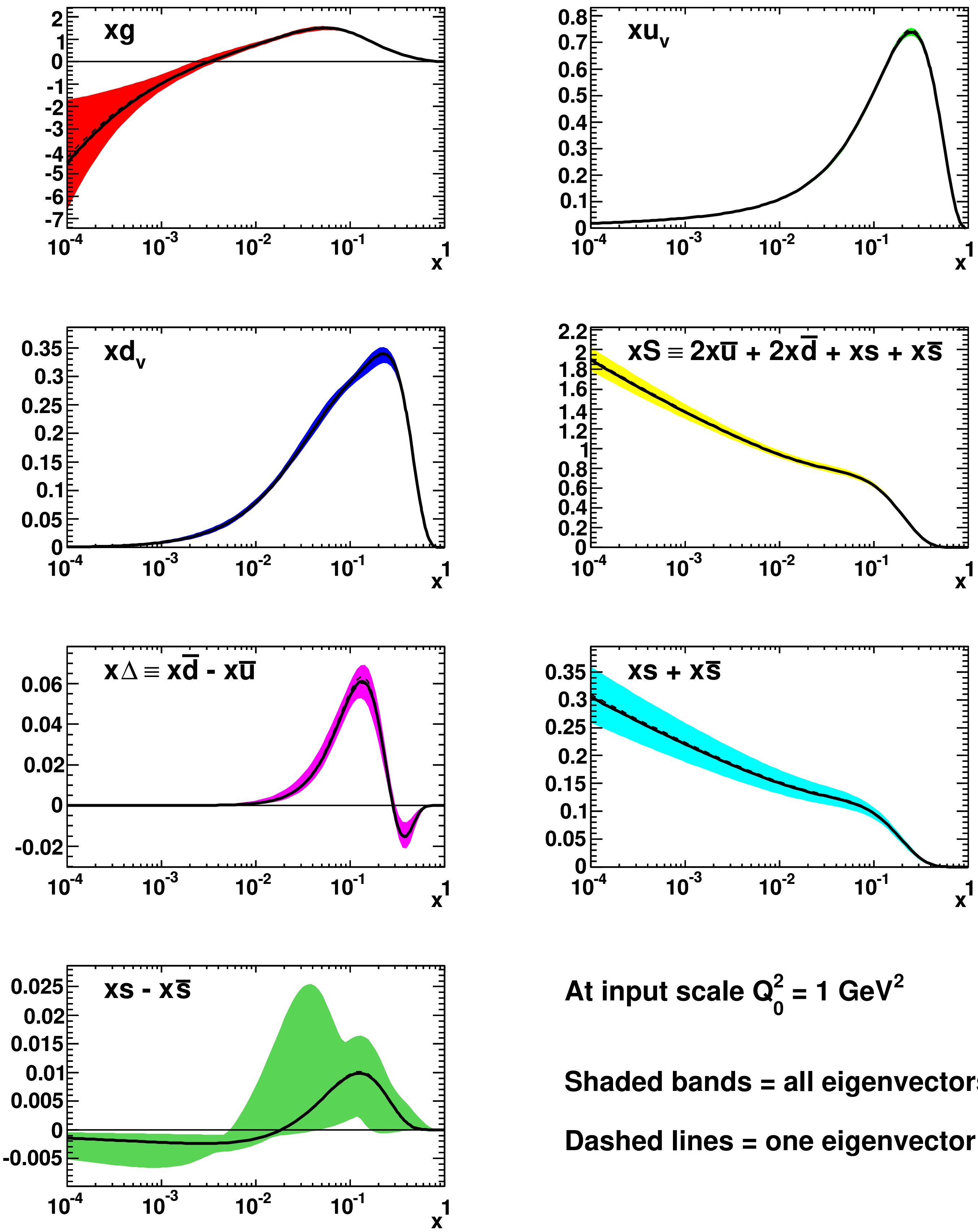
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 7



MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 8



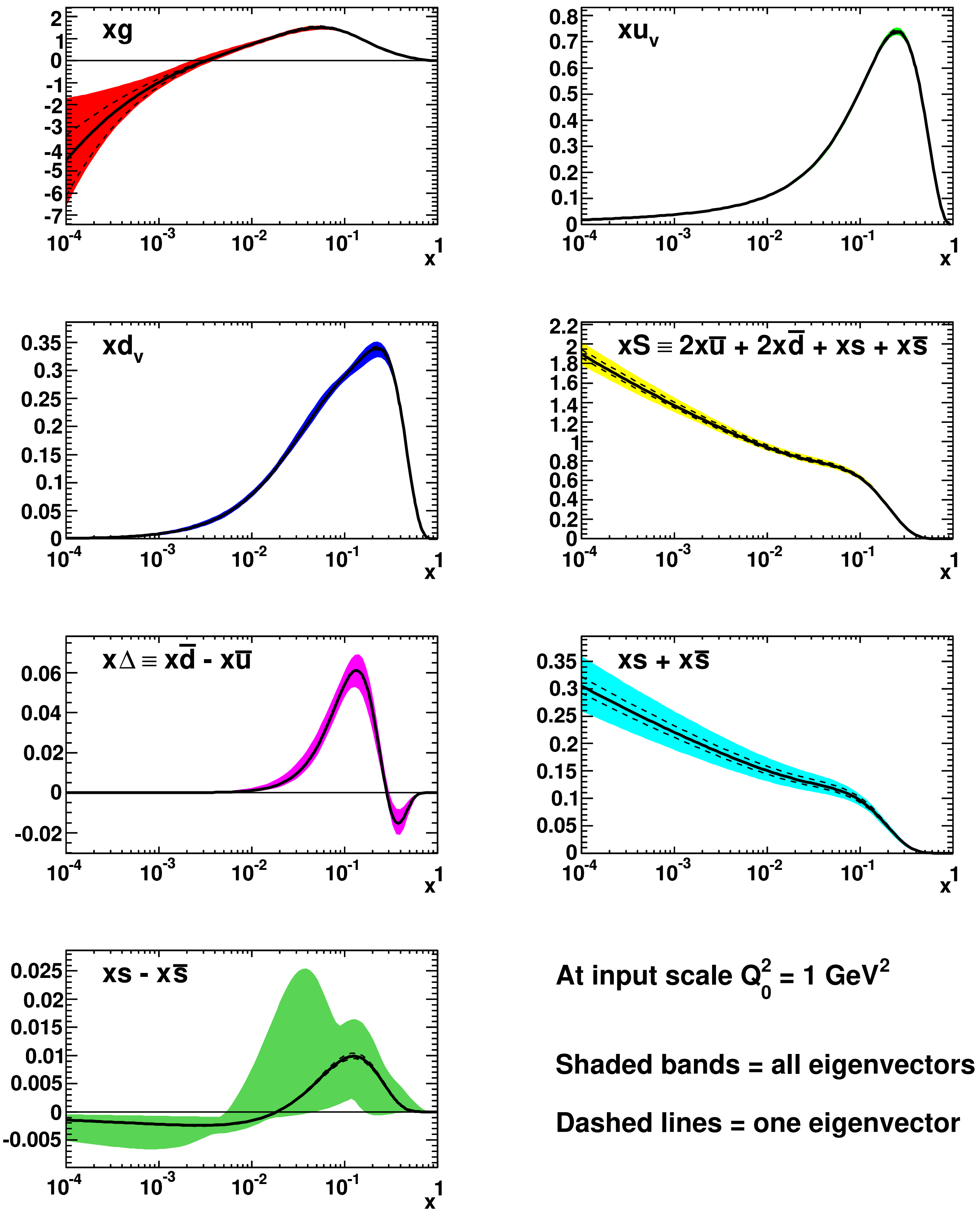
At input scale $Q_0^2 = 1$ GeV^2

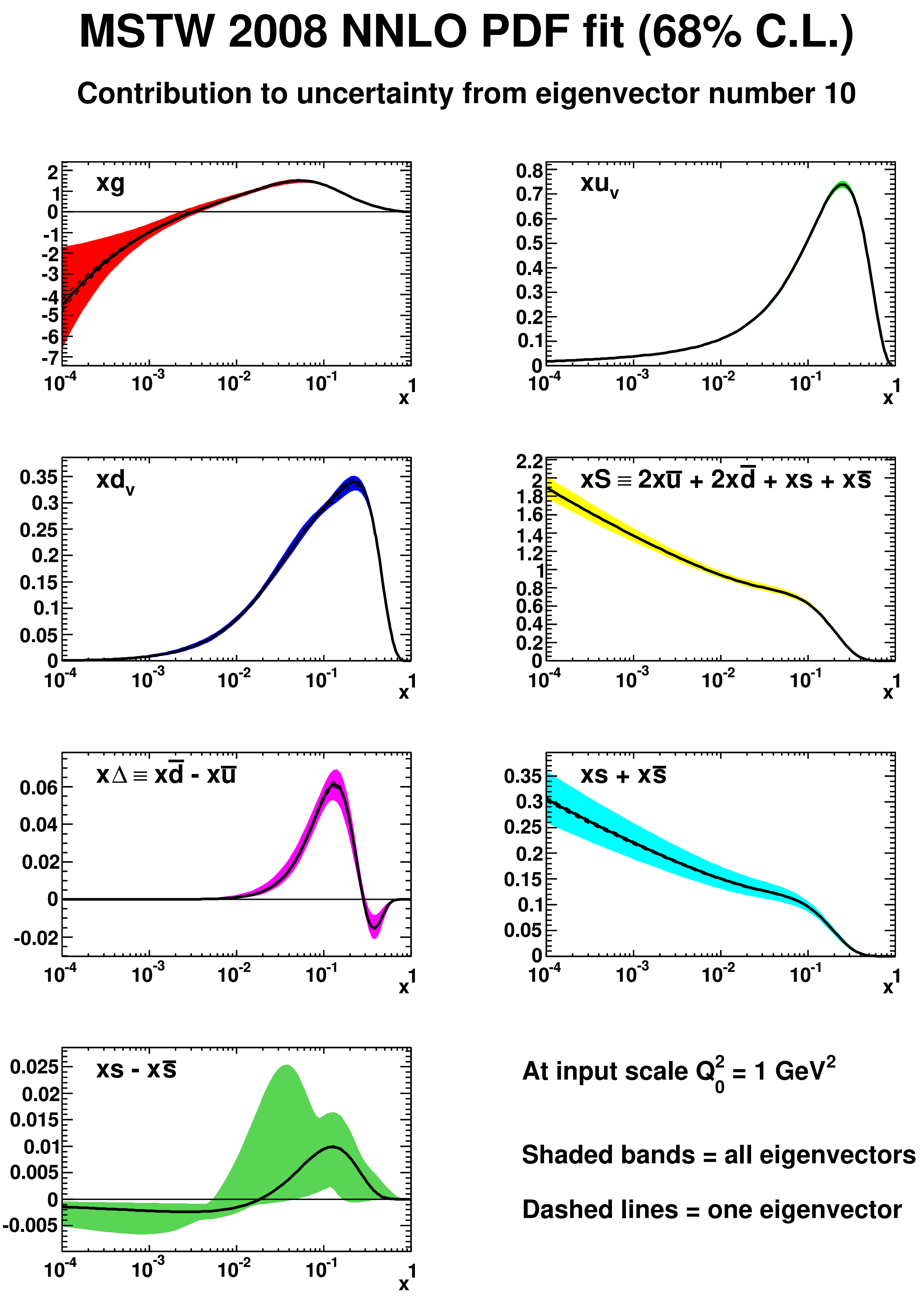
Shaded bands = all eigenvectors

Dashed lines = one eigenvector

MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 9

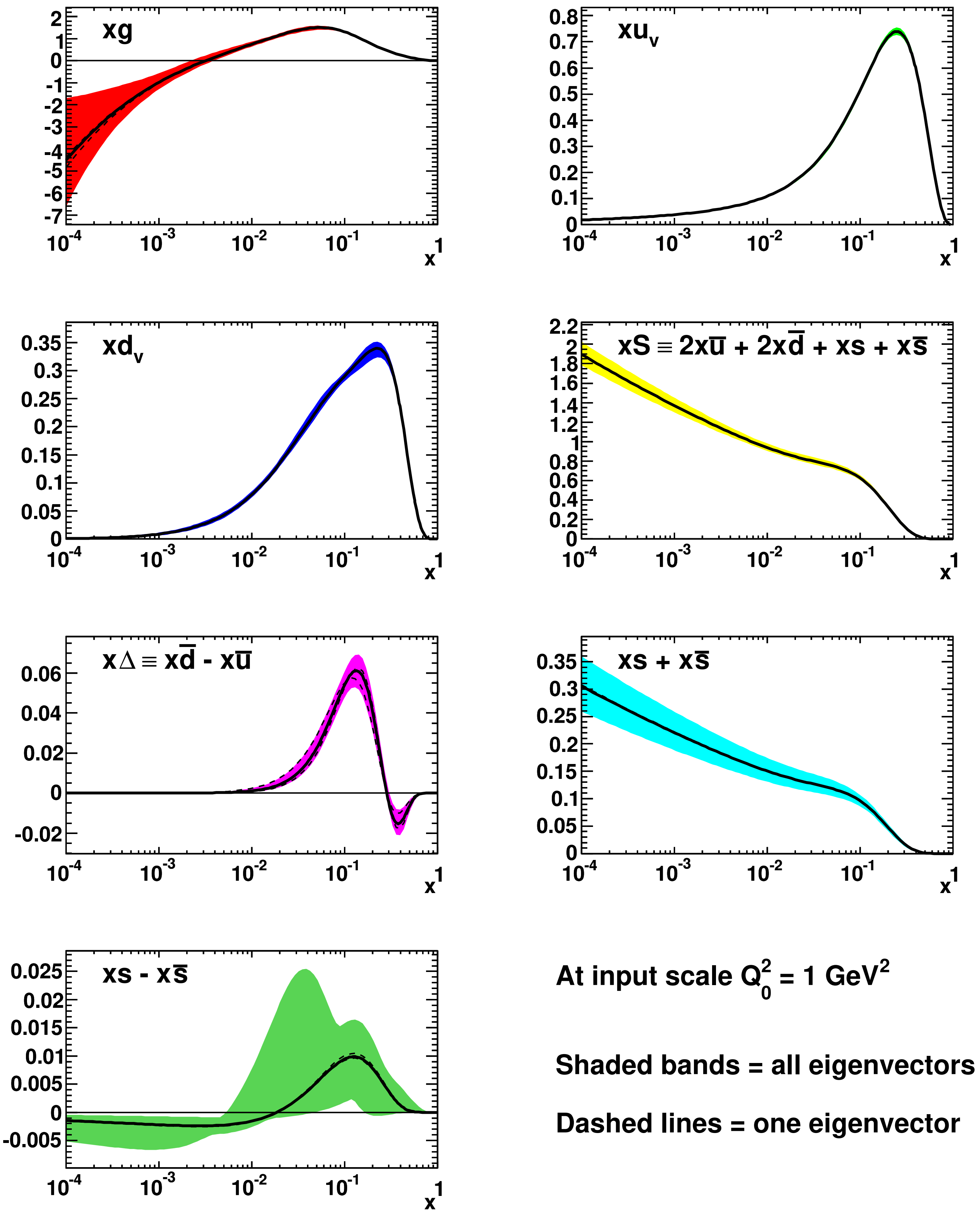




MSTW 2008 NNLO PDF fit (68% C.L.)
Contribution to uncertainty from eigenvector number 10
xg
xu$_v$
xd$_v$
xS ≡ 2x$\bar{u}$ + 2x$\bar{d}$ + xs + x$\bar{s}$
xΔ ≡ x$\bar{d}$ - x$\bar{u}$
xs + x$\bar{s}$
xs - x$\bar{s}$
x
At input scale Q_0^2 = 1 GeV^2
Shaded bands = all eigenvectors
Dashed lines = one eigenvector

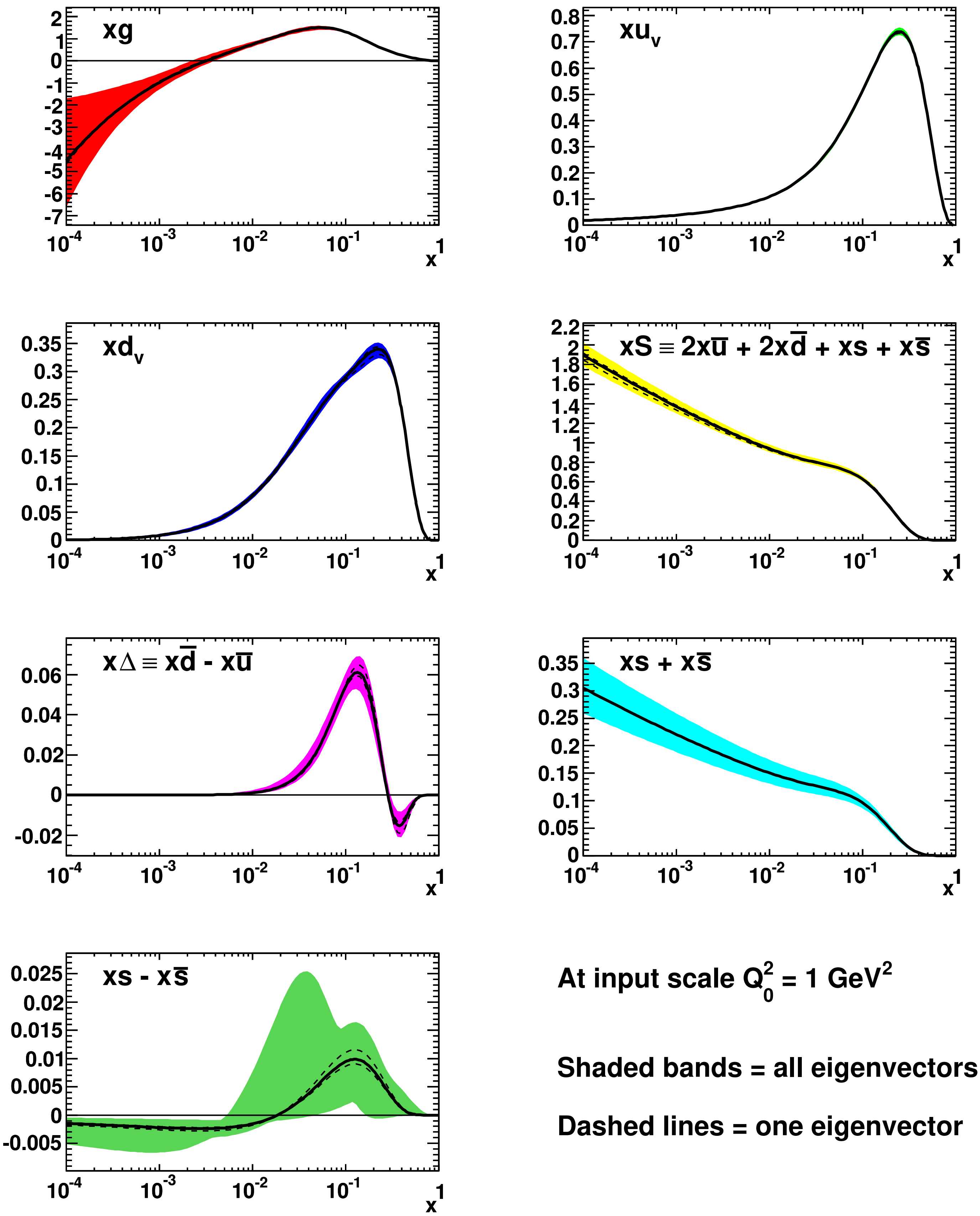
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 11



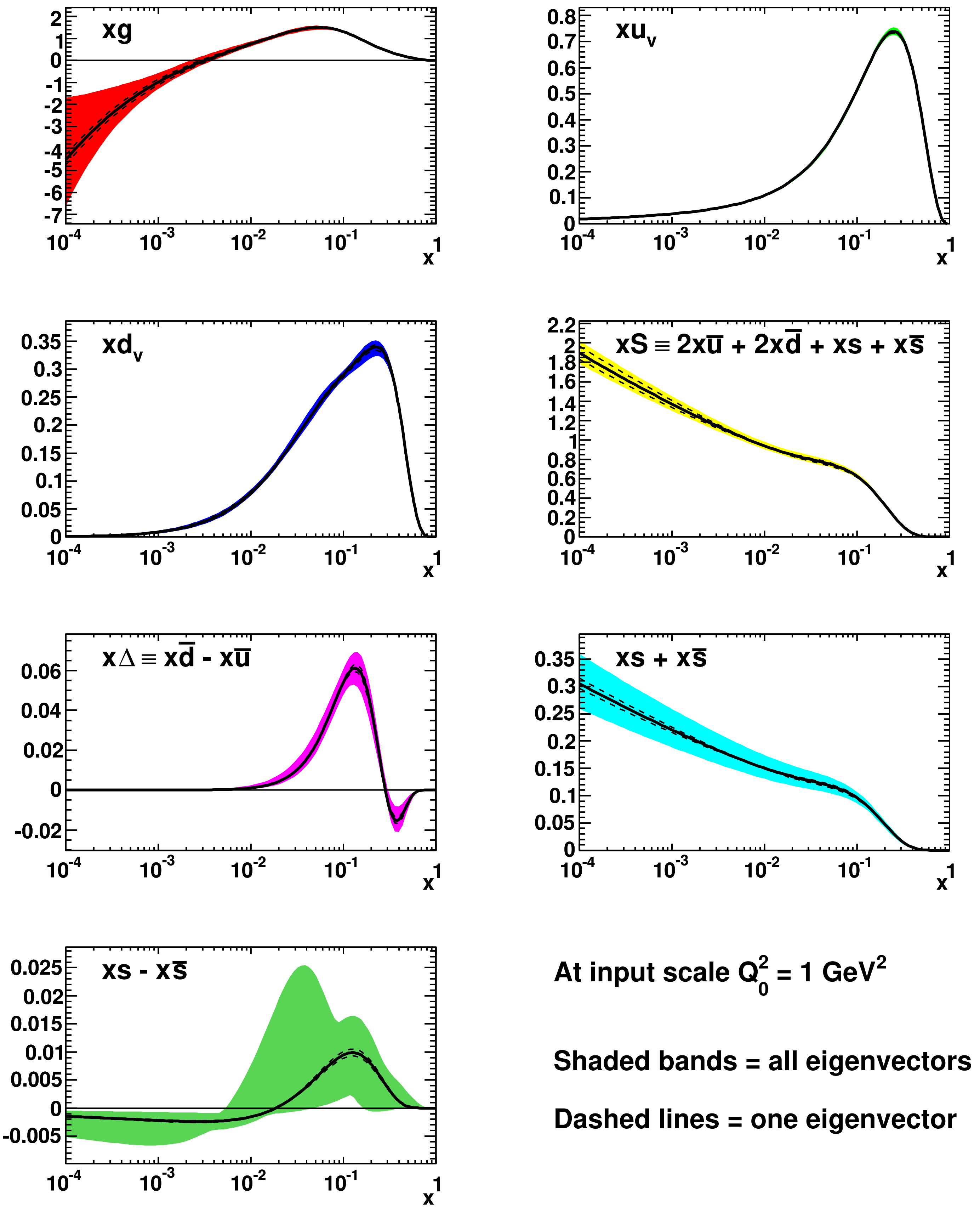
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 12



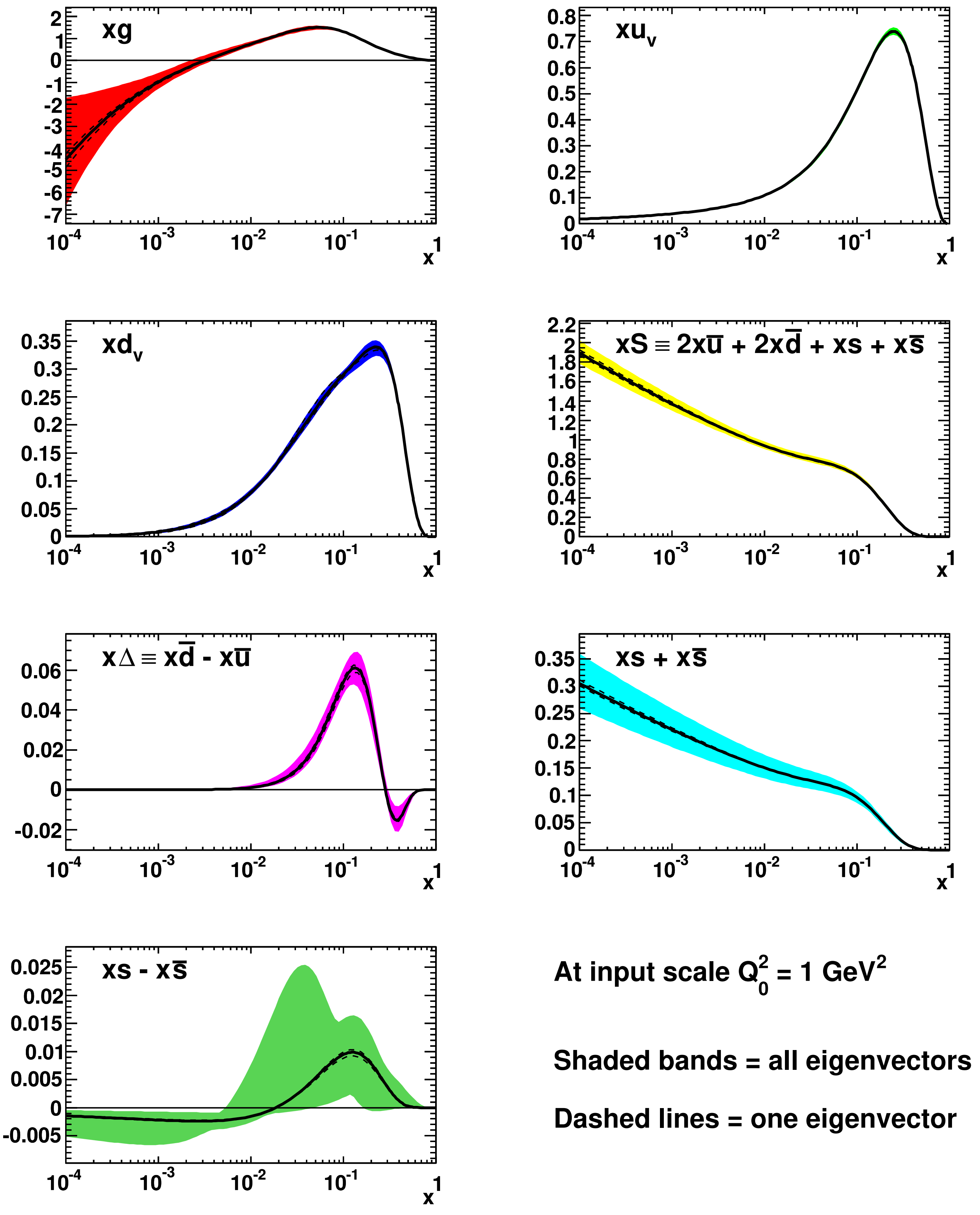
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 13



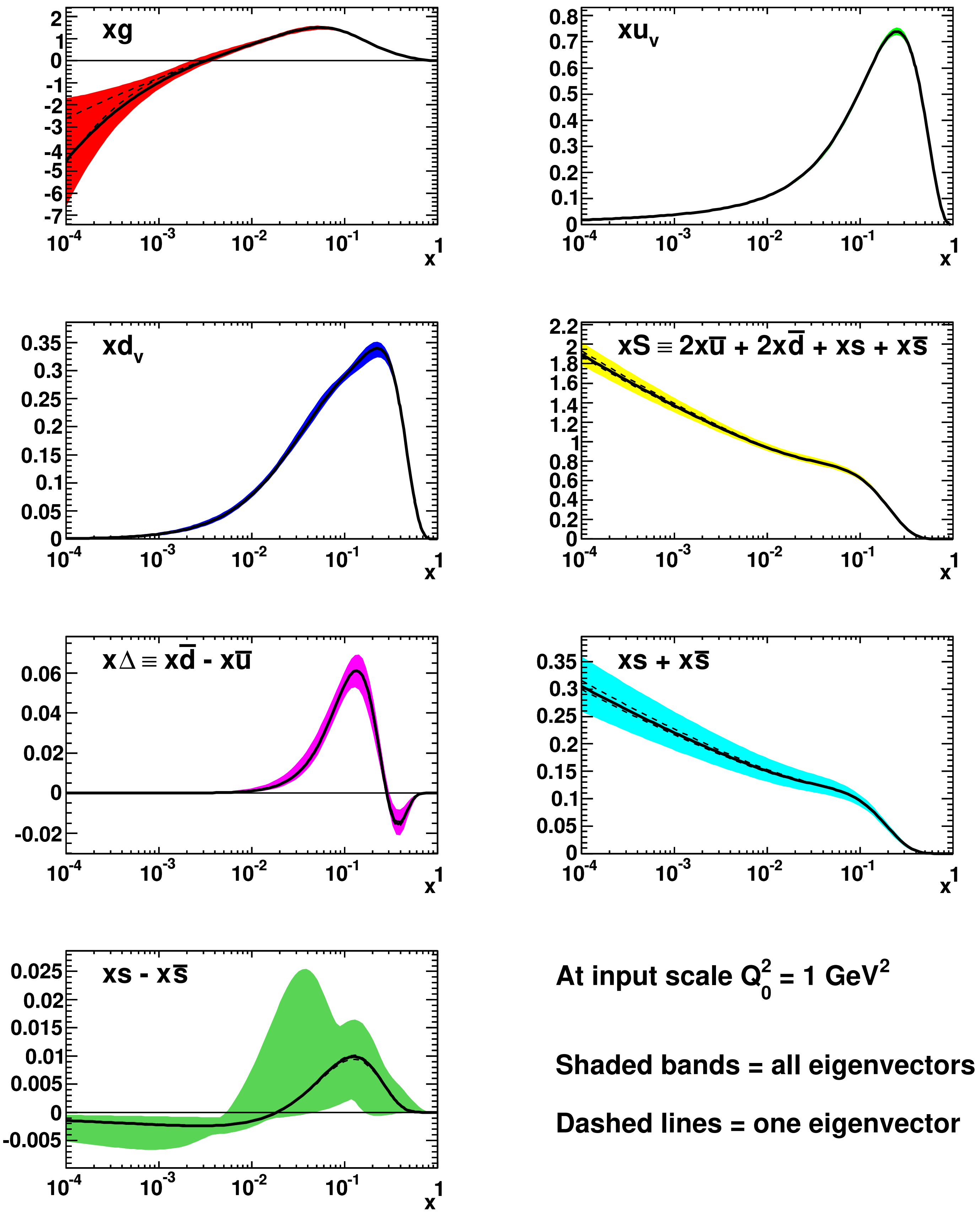
MSTW 2008 NNLO PDF fit (68% C.L.)

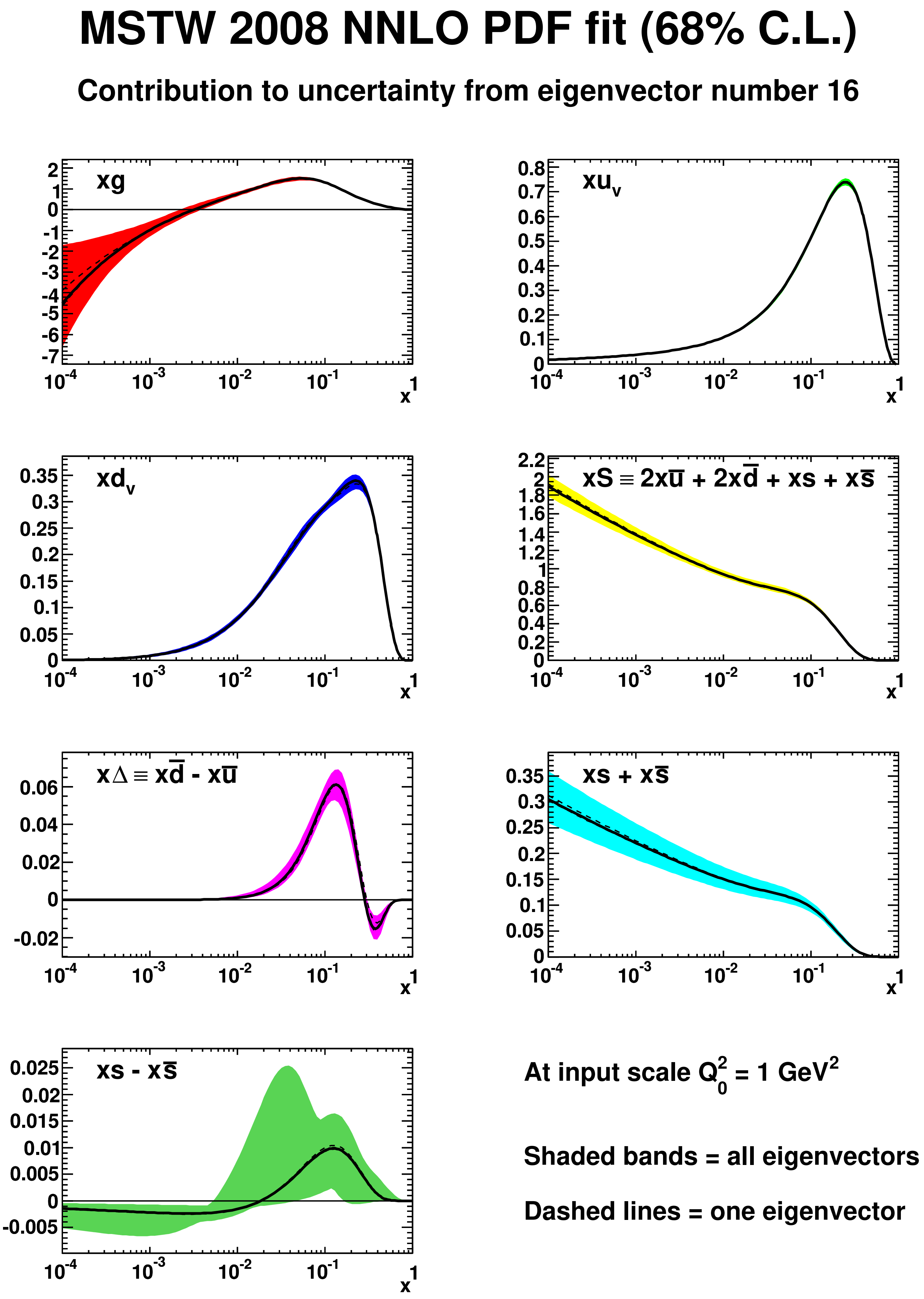
Contribution to uncertainty from eigenvector number 14



MSTW 2008 NNLO PDF fit (68% C.L.)

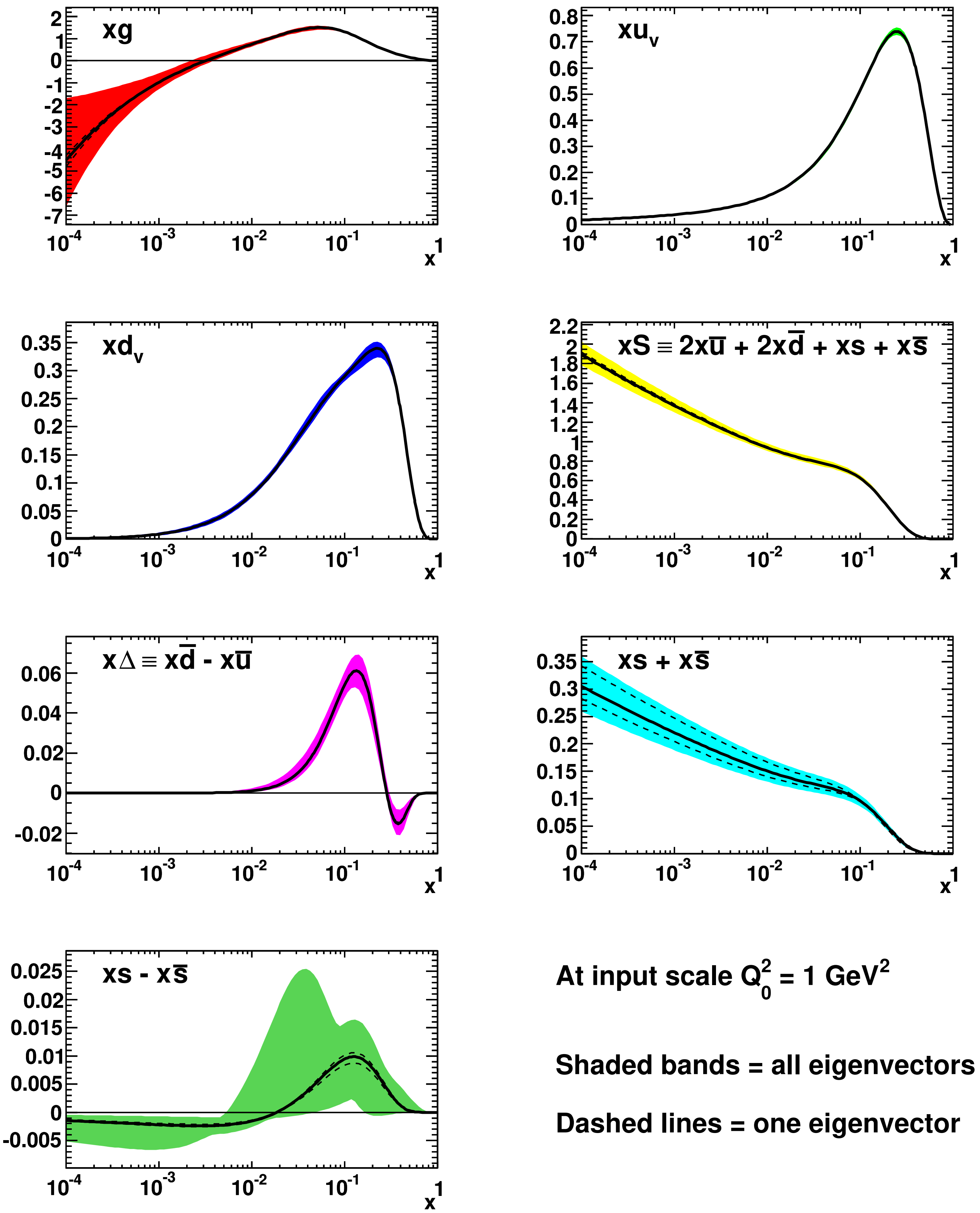
Contribution to uncertainty from eigenvector number 15




MSTW 2008 NNLO PDF fit (68% C.L.)
Contribution to uncertainty from eigenvector number 16
xg
xu_v
xd_v
$xS \equiv 2x\bar{u} + 2x\bar{d} + xs + x\bar{s}$
$x\Delta \equiv x\bar{d} - x\bar{u}$
$xs + x\bar{s}$
$xs - x\bar{s}$
x
At input scale $Q_0^2 = 1$ GeV^2
Shaded bands = all eigenvectors
Dashed lines = one eigenvector

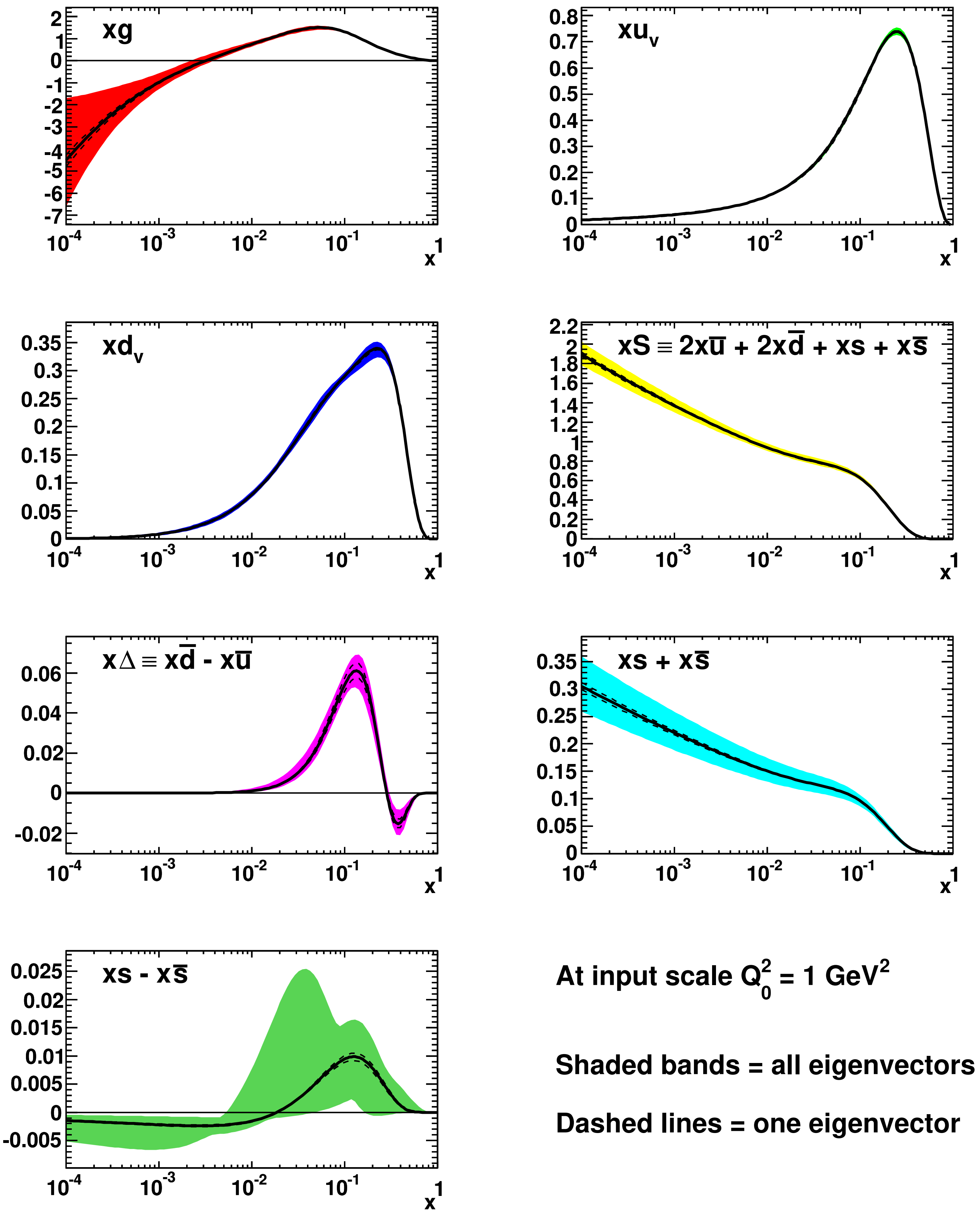
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 17



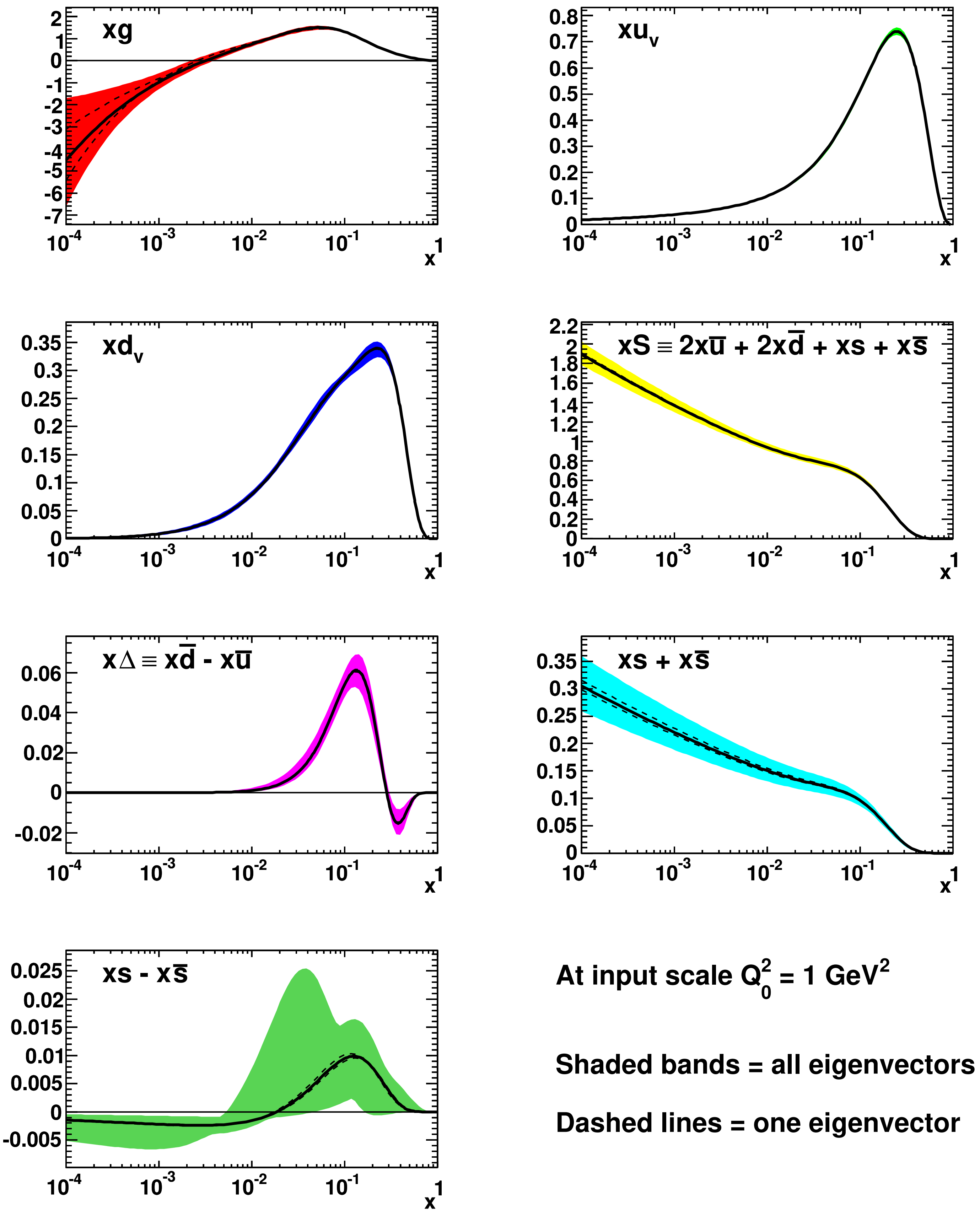
MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 18



MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 19



MSTW 2008 NNLO PDF fit (68% C.L.)

Contribution to uncertainty from eigenvector number 20