p

p_A

$p_a = x_a \cdot p_A$

$f_{a/A}(x_a, Q^2)$

$\hat{\sigma}_{ab \to X}$

X

$p_b = x_b \cdot p_B$

$f_{b/B}(x_b, Q^2)$

p

p_B

Underlying event