$$\frac{d^3\sigma}{dx_1 dx_2 d\cos\hat{\theta}} = f_{\gamma}^p(x_1, -\hat{t}) f_{\gamma}^{Pb}(x_2) \frac{\pi\alpha^2}{\hat{s}} \frac{\hat{t}}{\hat{u}} + f_{\gamma}^p(x_1, -\hat{u}) f_{\gamma}^{Pb}(x_2) \frac{\pi\alpha^2}{\hat{s}} \frac{\hat{u}}{\hat{t}},$$

$$\hat{t} = -\frac{\hat{s}}{2} \left(1 - \cos\hat{\theta} \right),$$

$$\hat{u} = -\frac{\hat{s}}{2} \left(1 + \cos\hat{\theta} \right),$$

$$f_{\gamma}^{Pb}(x) = \frac{2Z_{Pb}^2\alpha}{\pi x} \left(\frac{x}{x_0} K_0(x/x_0) K_1(x/x_0) - \frac{1}{2} \frac{x^2}{x_0^2} \left(K_1(x/x_0)^2 - K_0(x/x_0)^2 \right) \right),$$

$$x_0 = \frac{1}{b_{min} A_{Pb} m_p},$$

$$b_{min} = 1.1 A_{Pb}^{\frac{1}{3}} \cdot 5.068 GeV^{-1}.$$

| Contribution | $p_T(\ell) > 4 \text{ GeV}$ | $p_T(\ell) > 4 \text{ GeV}, \eta(\ell) < 2.4,$ |
|---|-----------------------------|--|
| | | $M(\ell^+\ell^-) > 10 \text{ GeV}$ |
| $\gamma_{el}\gamma_{el} \ [b_{min} = 0.7fm]$ | 47.4(2) nb | 18.0(1) nb |
| $\gamma_{el}\gamma_{el}$ [Electric] | 46.8(1) nb | 18.2(1) nb |
| $\gamma_{el}\gamma_{el}$ [DZ] | 55.5(1) nb | 20.2(1) nb |
| CT14qed_proton (γ_{el}) | 52.8(1) nb | 23.1(1) nb |
| CT14qed_inc_proton (γ_{inc}) | 103.2(1) nb | 41.8(1) nb |
| LUXqed17_plus_PDF4LHC15_nnlo_100 (γ_{inc}) | 111.4(1) nb | 46.4(1) nb |
| NNPDF31_nlo_as_0118_luxqed (γ_{inc}) | 121.7(1) nb | 48.3(1) nb |
| MRST2004qed_proton (γ_{inc}) | 119.1(1) nb | 41.7(1) nb |