· Found mistake

tau polarisation

previous
$$\frac{dP(\tau)}{d\cos\theta} = \alpha A_e(1 + \cos^2\theta) + \beta A_\tau \cos\theta$$

new
$$\frac{dP(\tau)}{d\cos\theta} = \frac{3}{8}A_f(1 + \cos^2\theta) + \frac{3}{4}\left(\frac{A_e - P_e}{1 - A_e P_e}\right)\cos\theta$$

$$\frac{dP(\tau)}{d\cos\theta} := \frac{d\sigma_l - d\sigma_r}{\sigma_l + \sigma_r}$$

· Implement the impact parameter method