Fitting: $\tilde{A}_{12B} = \dfrac{A \ \text{Sech} \ (\alpha \, b \cdot P)}{(\beta + b^2)}$ -> (A, α, β) = {$\langle 0.0750(74) \rangle_{2902\,J}$, $\langle -1.87(93) \rangle_{2902\,J}$, $\langle 0.46(11) \rangle_{2902\,J}$}, chisquareDoF = 1.71825

Fitting: $\tilde{A}_{2B} = \dfrac{A \ \text{Sech} \ (\alpha \, b \cdot P)}{(\beta + b^2)}$ -> (A, α, β) = {$\langle 0.4024(25) \rangle_{2902\,J}$, $\langle 0.3922(50) \rangle_{2902\,J}$, $\langle 0.6377(20) \rangle_{2902\,J}$}, chisquareDoF = 255.477

$b^2 = 9 \ P_L = -1$,eta = 8