Forward-backward asymmetry measurements in $e^+e^- \to p\bar{p}$ at BESIII

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Outline


BESIII


1958
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1933
SOUTH CHINA NORMAL UNIVERSITY


NORTH CHINA ELECTRIC POWER UNIVERSITY
1958


HIM
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Stratgy

$$G = \frac{1 + a_1 x}{1 + b_1 x + b_2 x^2 + b_3 x^3}$$

where $x = \tau = Q^2/(4m_p c^2)$ in space like region, $x = \tau - 1 = (q^2 - 4m_p c^2)/(4m_p c^2)$ in time like region.

$$G_D = \frac{1}{[1 + \frac{Q^2}{0.71(\mathrm{GeV}^2)}]^2}$$