2 parameters: $p_0 \cdot \dfrac{1}{(x)^{p_1}}$

3 parameters: $p_0 \cdot \dfrac{(1-x)^{p_1}}{(x)^{p_2}}$

4 parameters: $p_0 \cdot \dfrac{(1-x)^{p_1}}{(x)^{p_2+p_3 \cdot \log(x)}}$

5 parameters: $p_0 \cdot \dfrac{(1-x)^{p_1}}{(x)^{p_2+p_3 \cdot \log(x)+p_4 \cdot \log^2(x)}}$