Binned $\chi^2$ fit: $\alpha = 0.63$, $\beta = 0.06$, $\gamma = -0.18$

| h2_chi | |
|---|---|
| Entries | 50000 |
| Mean x | 3.133 |
| Mean y | 3.141 |
| Std Dev x | 1.901 |
| Std Dev y | 1.808 |