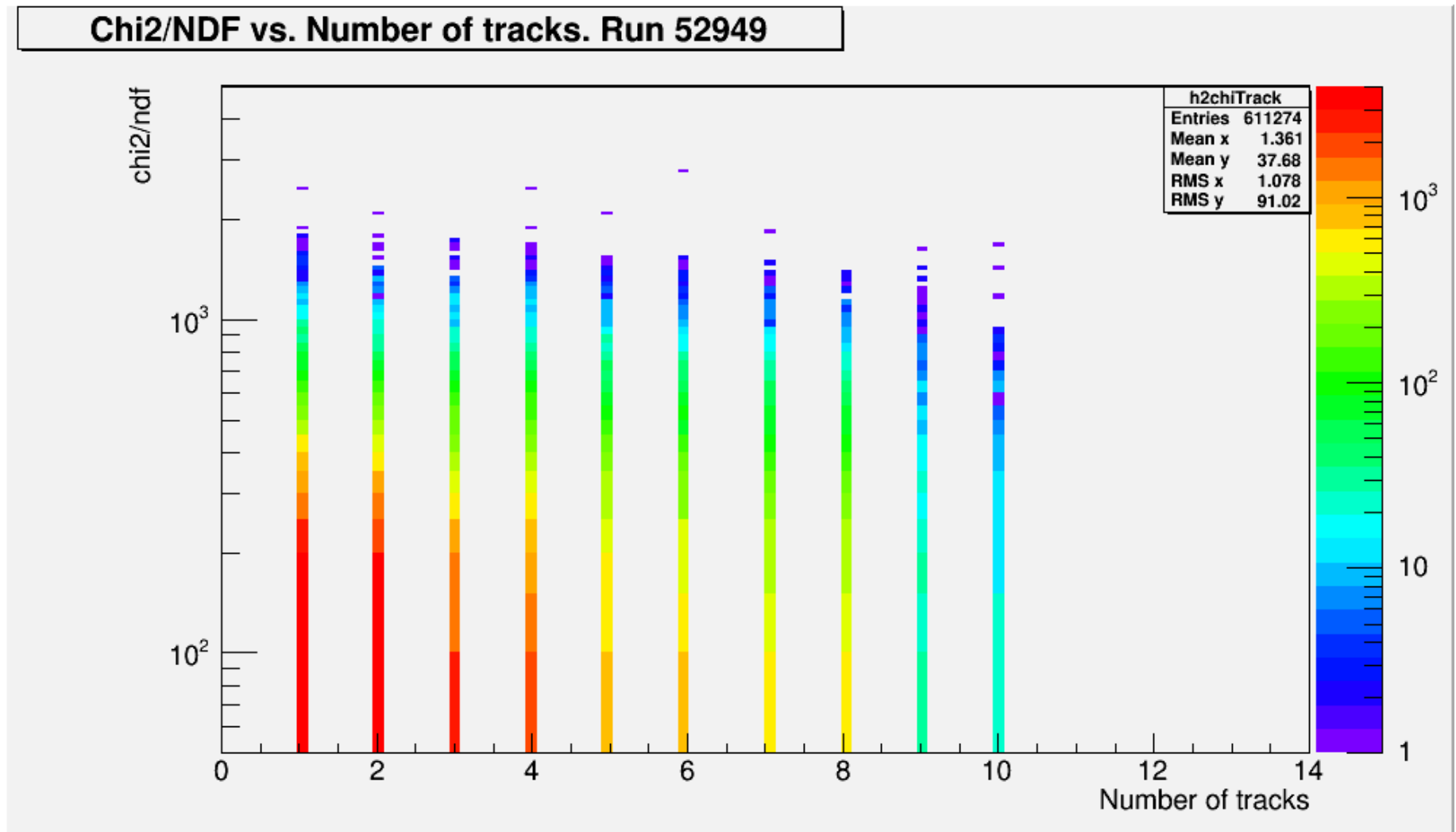


# Chisquare/NDF vs. Tracks Run 52949

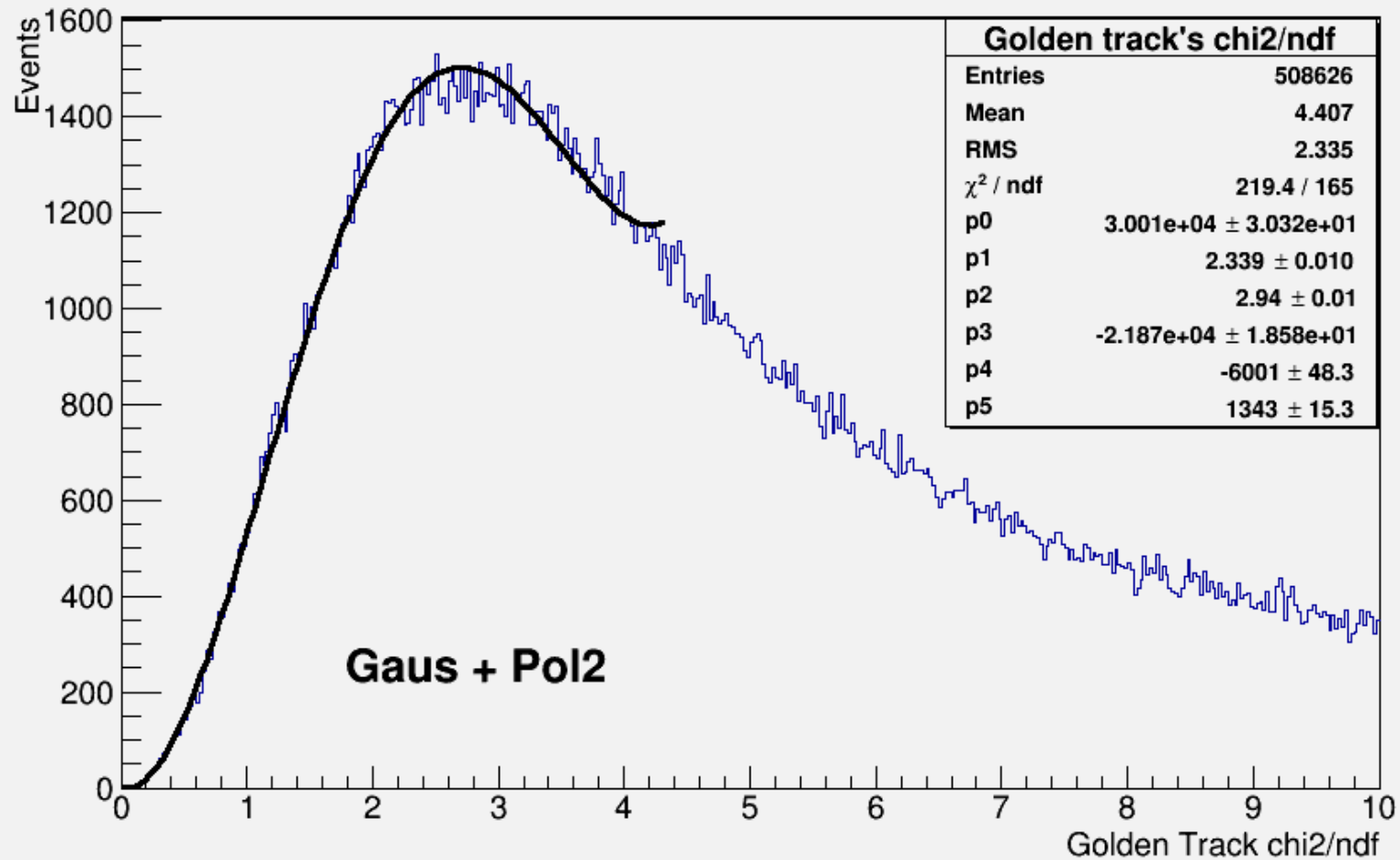


# Run 52949

## Histogram of Chisquare/NDF of golden track

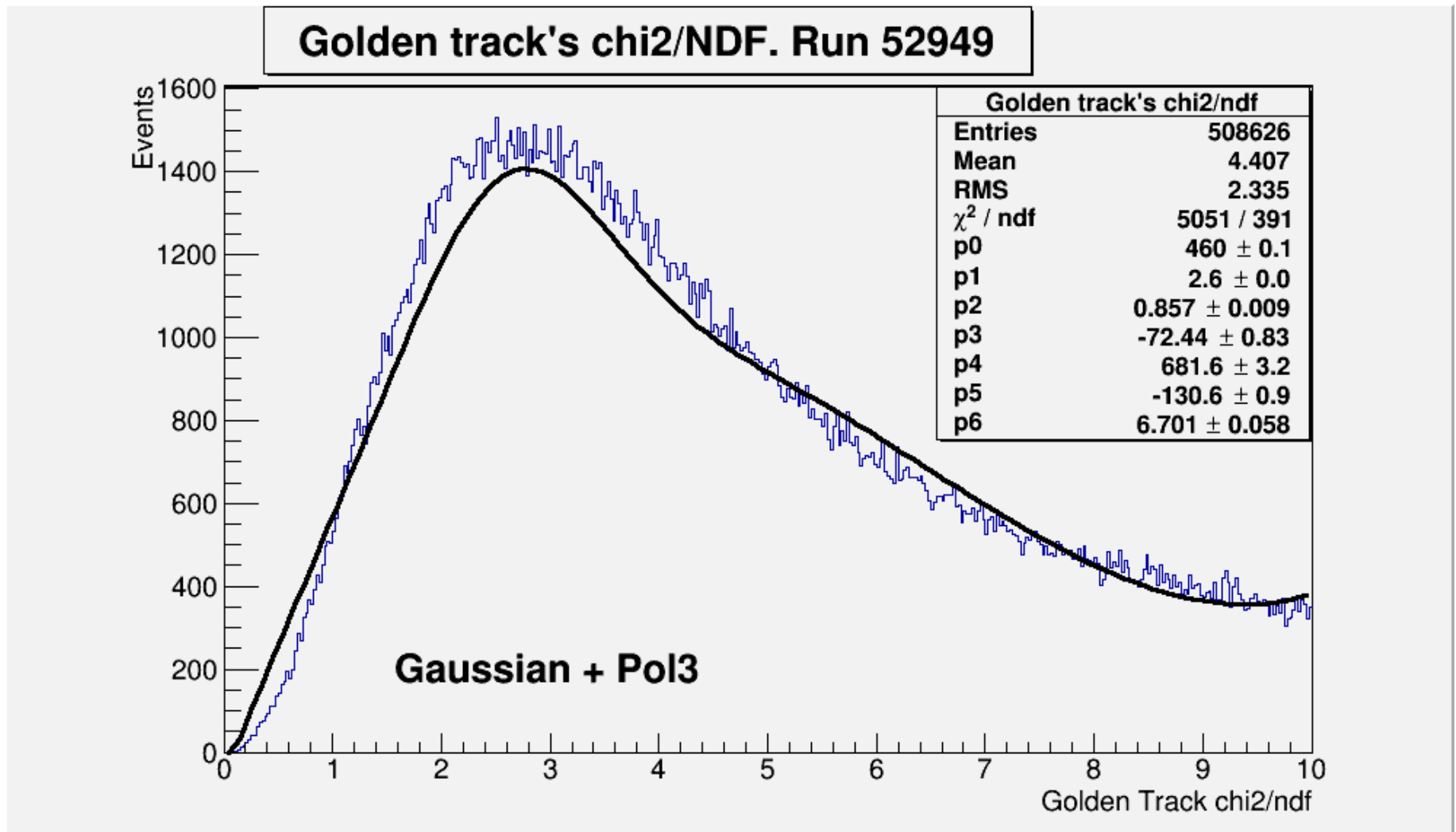
Fit = Gaussian + Polynomial(2)

Golden track's chi2/NDF. Run 52949



# Run 52949

Histogram of Chisquare/NDF of golden track  
Fit = Gaussian + Polynomial(3)



# Difference between ENGINE and hcana

- 9 runs are analyzed. From run 52941 to 52949.
- For each run first 100,000 events are analyzed

Run #	A track's $\chi^2$ dif > 5	Golden track's $\chi^2$ dif > 5	Dif of index of golden track
• 52941	116	40	475
• 52942	128	49	417
• 52943	102	42	255
• 52944	100	36	246
• 52945	47	31	179
• 52946	86	40	172
• 52947	113	34	257
• 52948	29	20	26
• 52949	35	25	13

- Explanation of Chi square differences is given at:

<https://userweb.jlab.org/~zahmed/Chi2Diff.dat>