

**yields**

$y_{\text{CM}}$  1~1.93, true#: 131.29

400

350

300

250

200

150

100

50

0

0

50

100

150

200

250

300

Mean

127.3

RMS

13.85

$\chi^2 / \text{ndf}$

6.822 / 17

p0

$1.5\text{e}+04 \pm 4.7\text{e}+02$

p1

$127.2 \pm 0.5$

p2

$14.57 \pm 0.33$

