

?? Coil inside/outside hadr. calo

⁵
Calorimeter depth requirement
(inside coil)

4.10.98
↓
22.3.98

Start 100 gdr

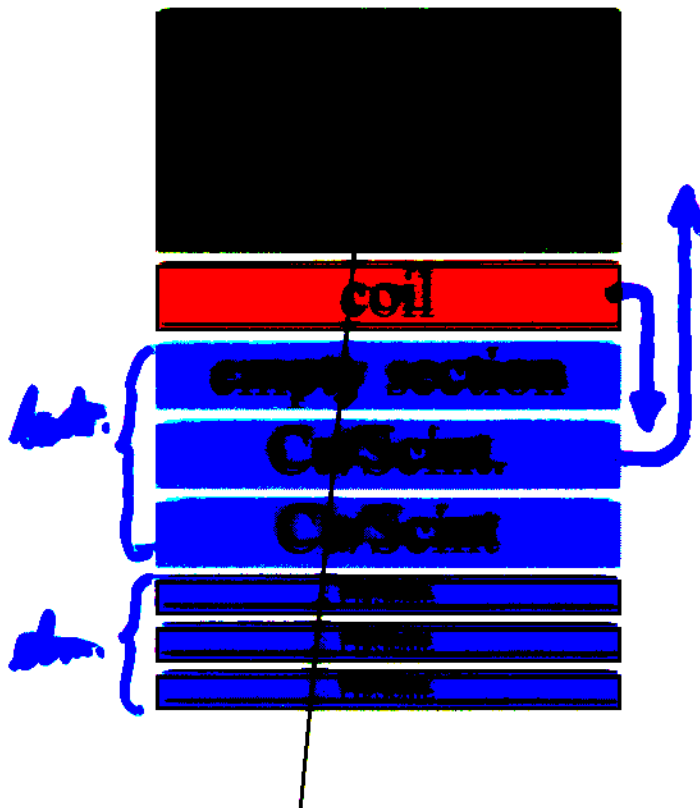
study at 3 Tesla, ~ 90°, high energy pions,

- instrumented iron part is deep >> good containment,
- coil calo depth is constant $\approx 100 - 150\% / \sqrt{E}$
- and has poor energy resolution (0.9λ) >> 0.42 to study

replacement of sections in BRAHMS simulation:

1,2 or 3 sections of hadr. calo by "nothing":

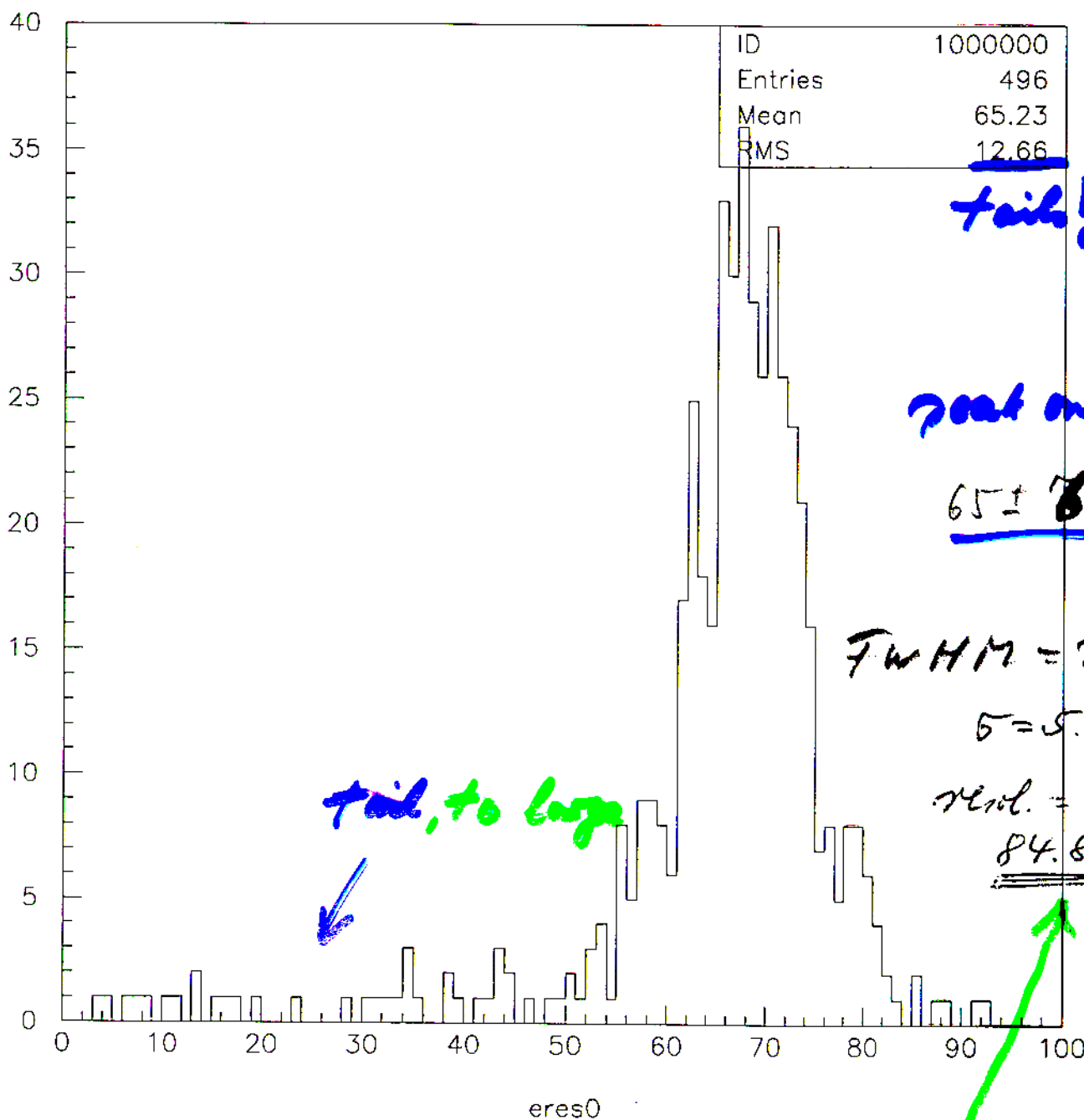
might scintilla
to



This studies are under way (S. Kotelnikov)

a problem with
brahms simulation! →

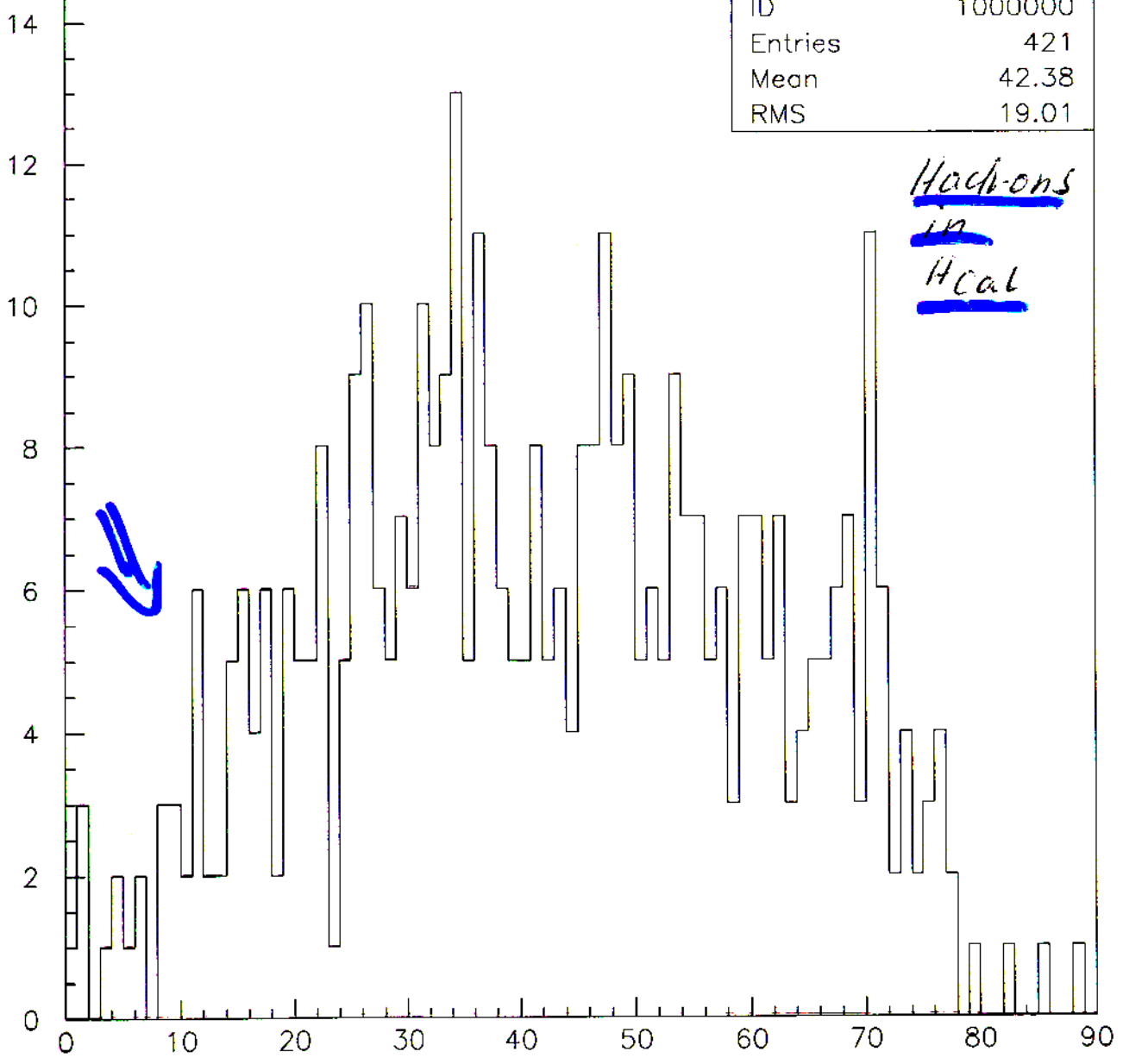
18.3.99



* expected 45-50%

ID	1000000
Entries	421
Mean	42.38
RMS	19.01

Hadrons
in
Had

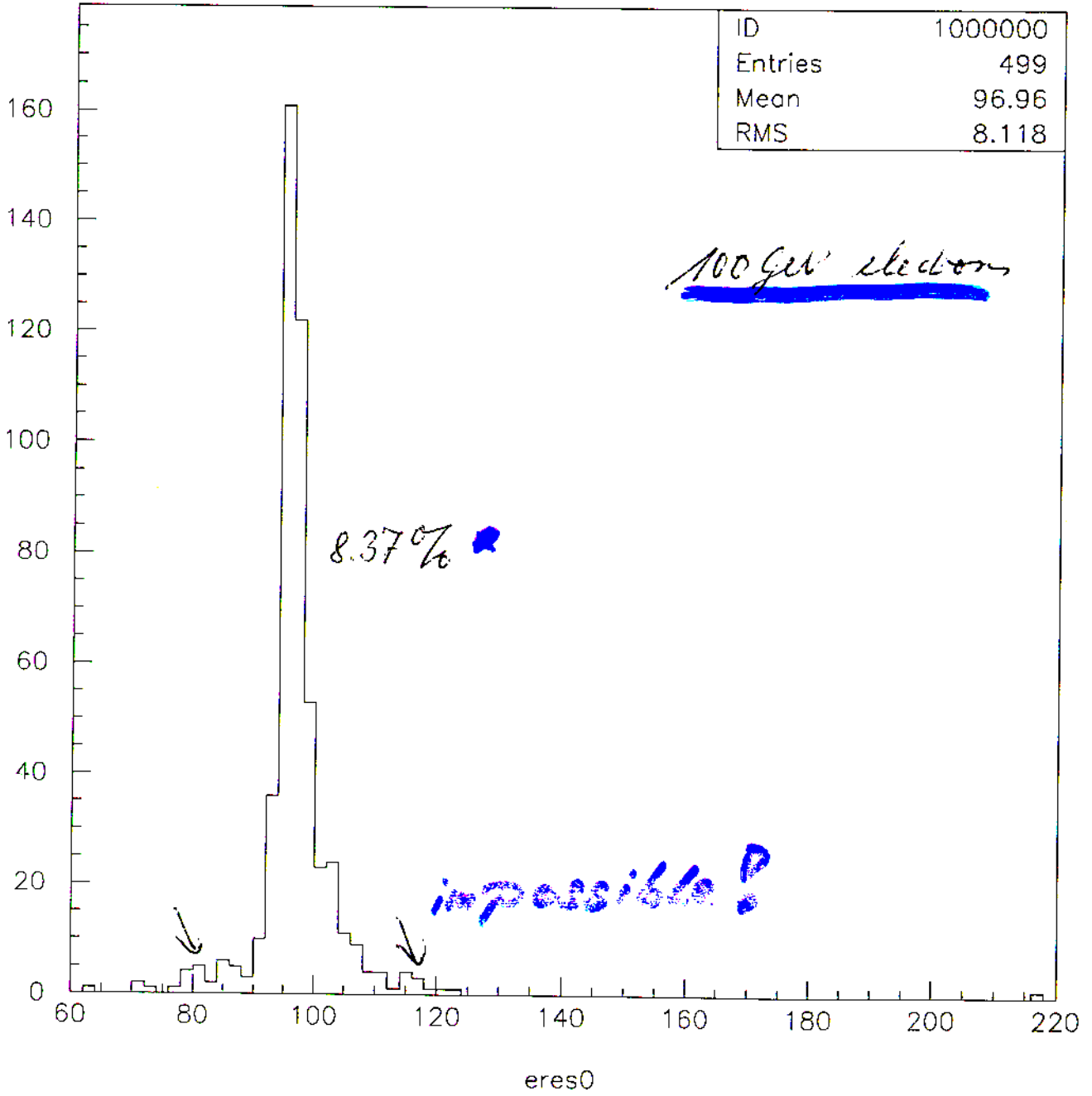


102

hdztot

GeV

ID	1000000
Entries	499
Mean	96.96
RMS	8.118



* expected: 1%
(no cont. from)