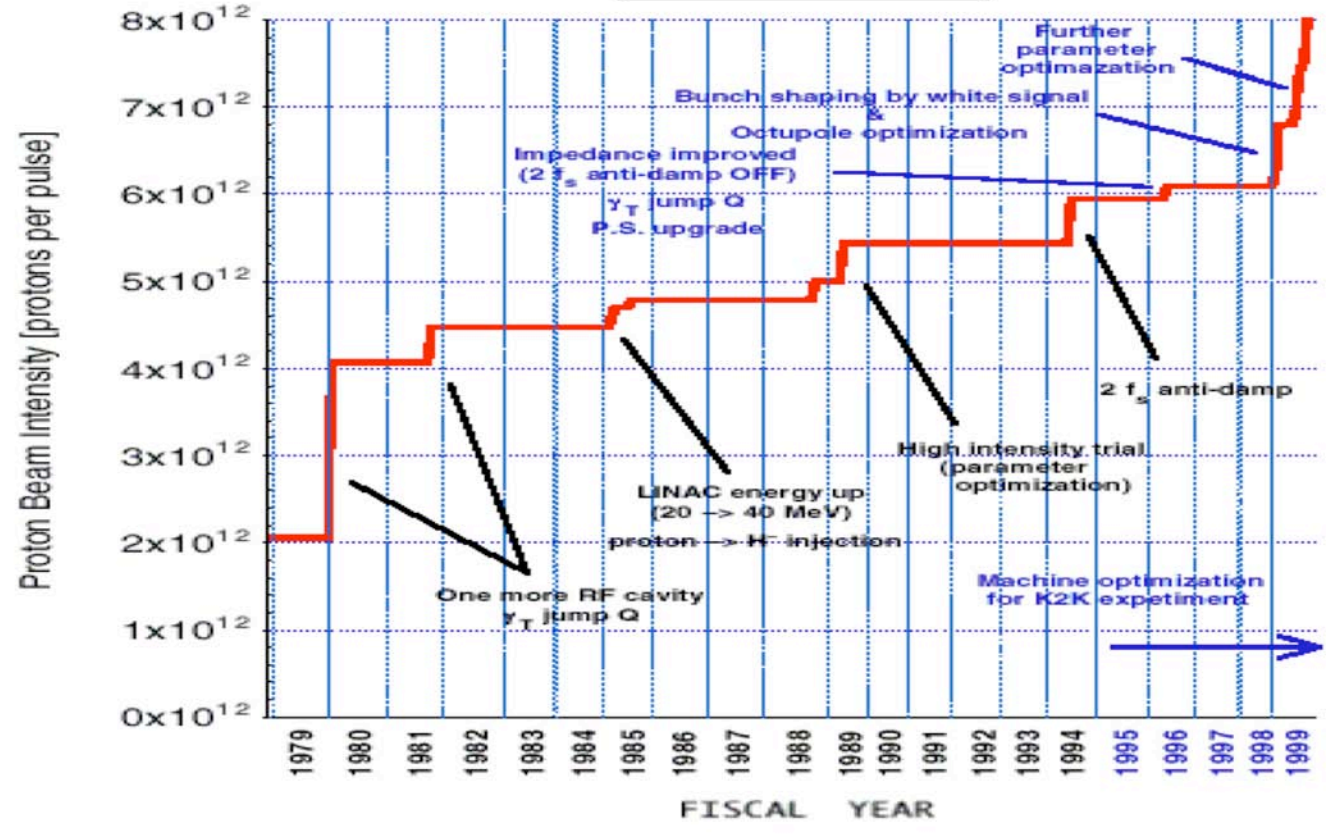


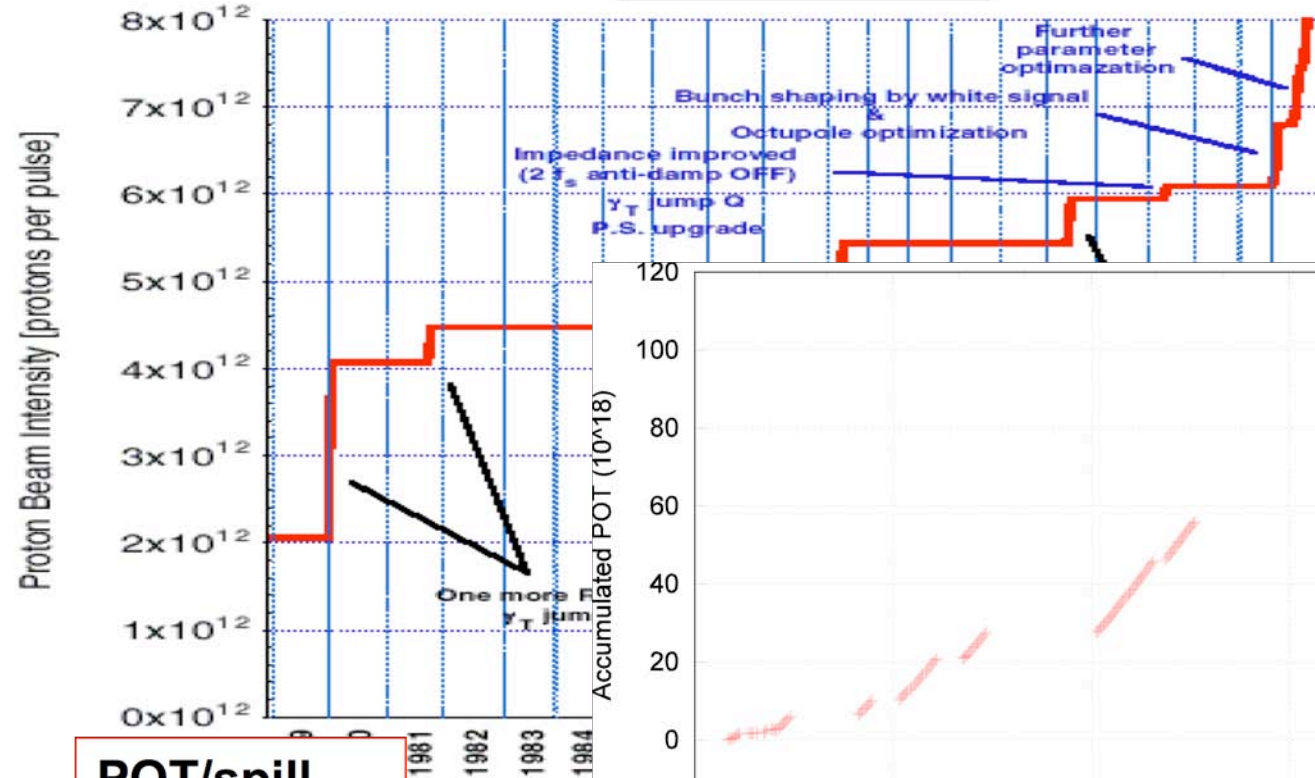
MR max. record



KEK-PS

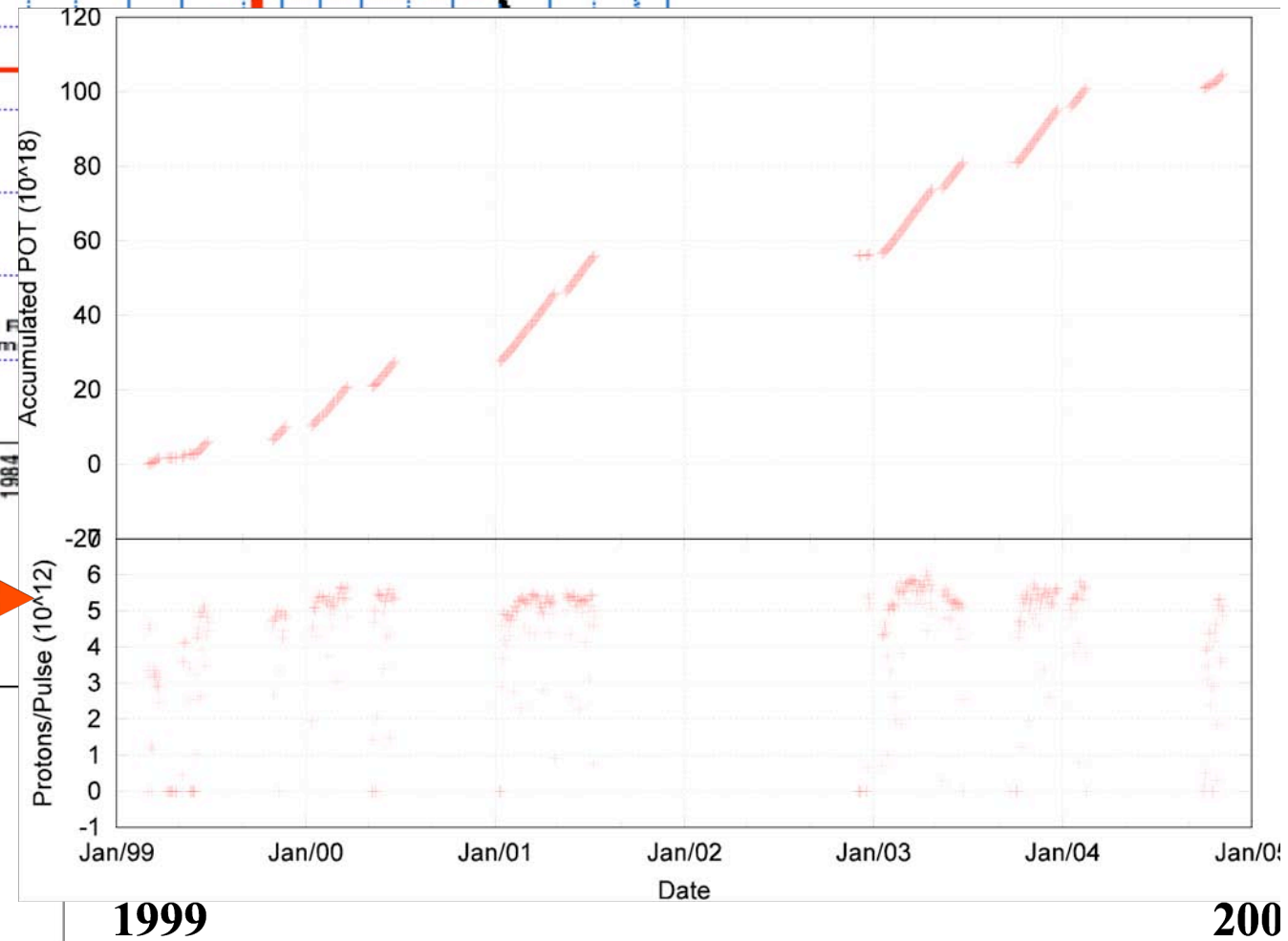
MR max. record

KEK-PS



POT/spill
 = $\sim 5.4 \times 10^{12}$
Protons

Total Delivered POT
 Jun 1999 - Nov, 2004
 10.5×10^{19} POT
 9.22×10^{19} POT (SK live)



K2K thanks to the PS division for great accomplishments

μ -monitor

Front (Near) Detector

direction ($\pi \rightarrow \mu$)

direction (ν)

spectrum, rate

12 GeV PS
> 5×10^{13} ppp
2.2sec/pulse

North
Counter
Hall

Target/Double Horn
~ 20 x flux

Front detector

μ -monitor

ν_{μ}

12 GeV PS

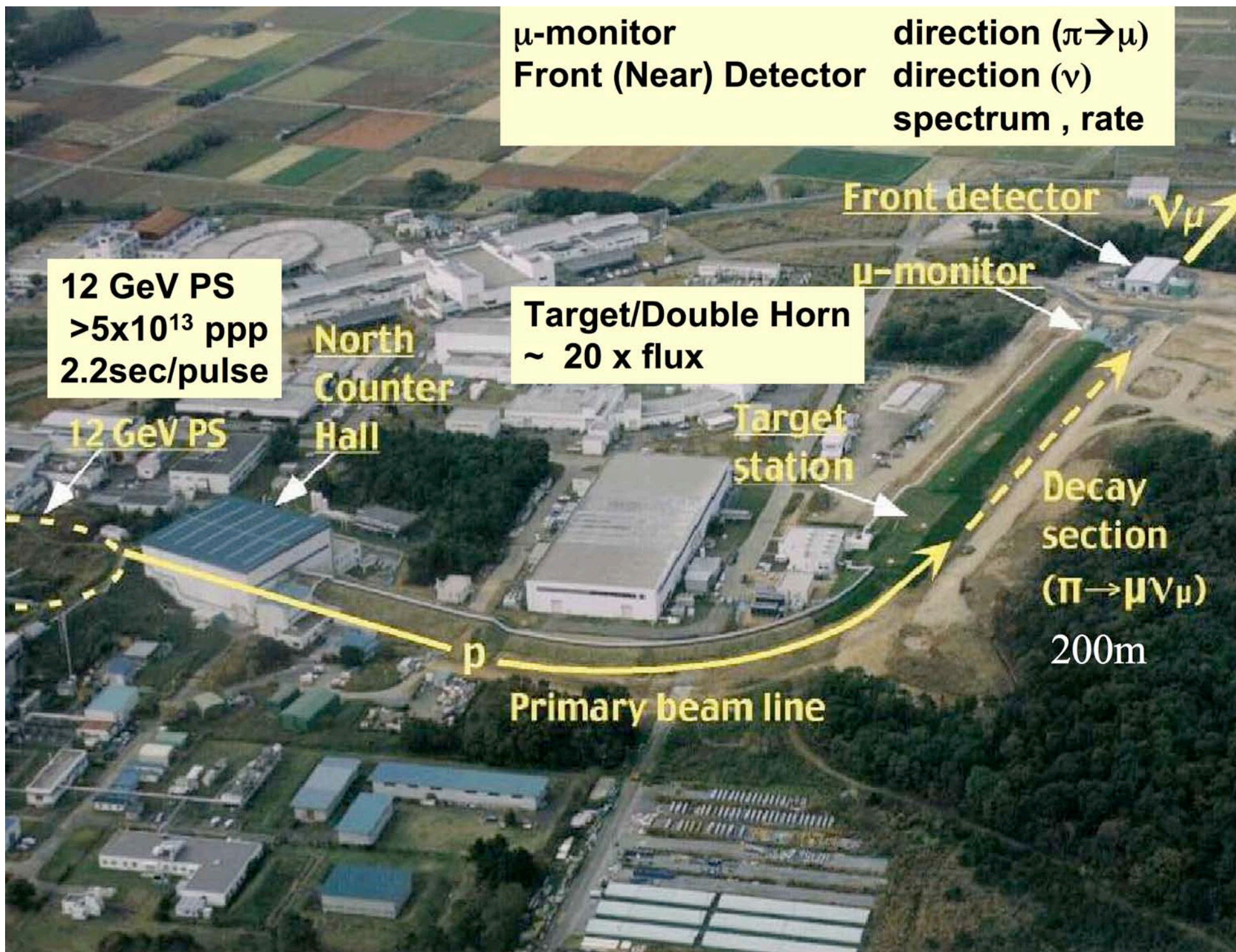
Target
station

Decay
section
($\pi \rightarrow \mu \nu_{\mu}$)

200m

p

Primary beam line



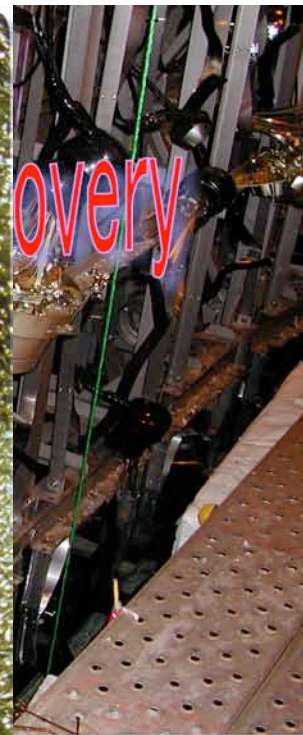
November 12, 2001

The Accident of Super-Kamiokande and the Recovery



Acrylic + FRP vessel





April 12, 2006

