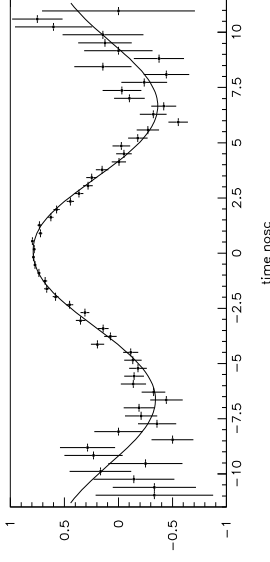
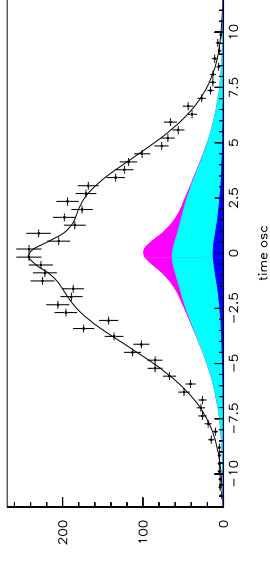
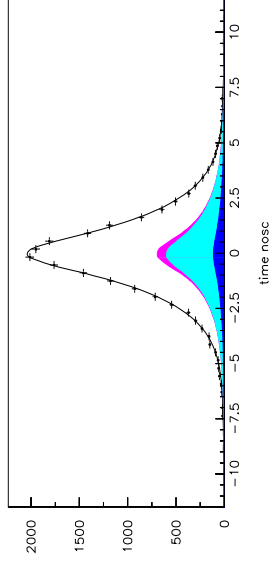


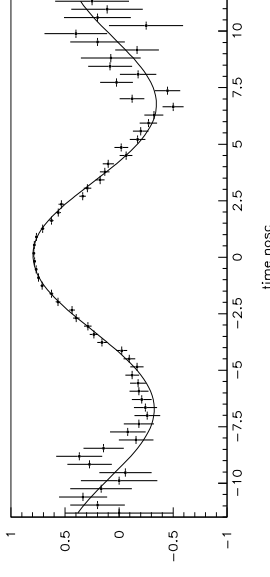
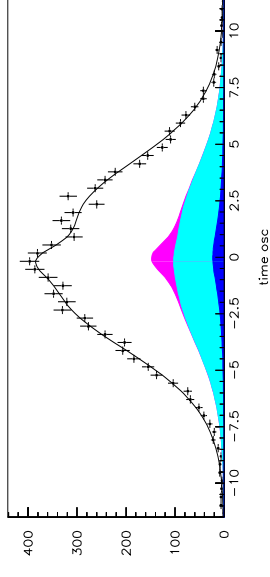
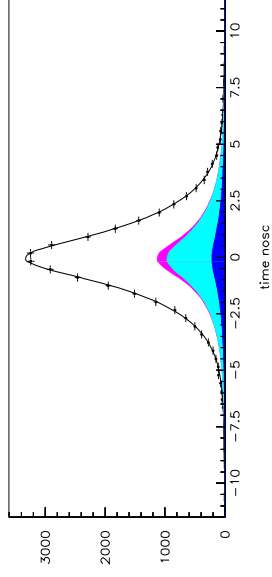
News on the D^*lv Mixing Analysis

11/21/03 Martino

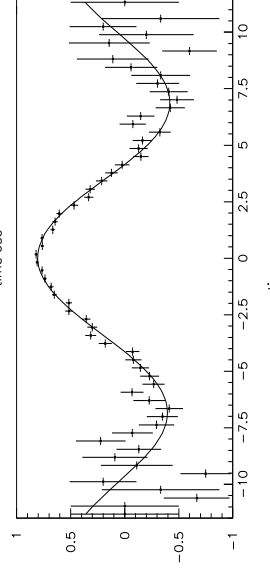
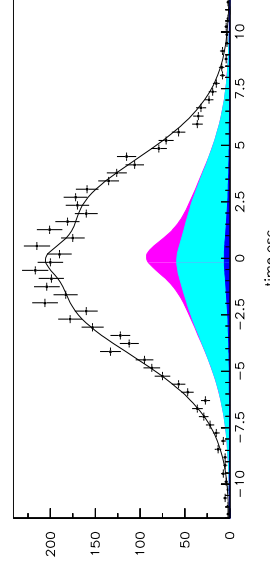
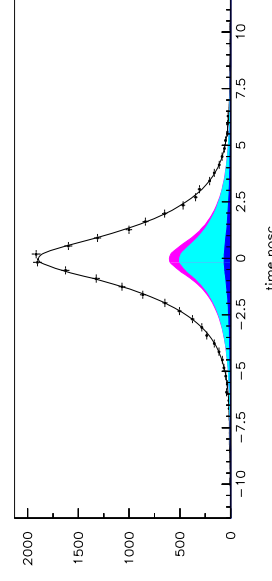
2000/2001/2002 DATA PRELIMINARY BLIND RESULTS:



year 2000
Nevt 25763



2001
42168

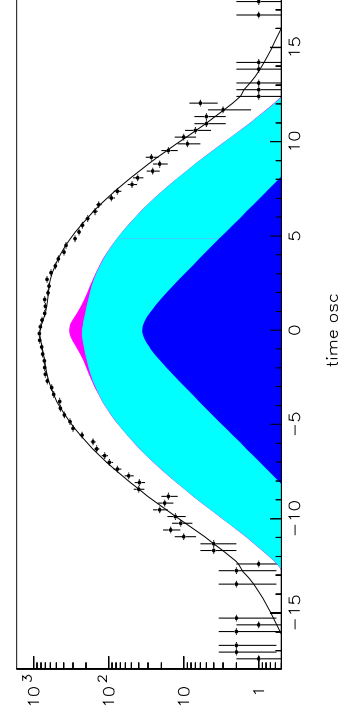
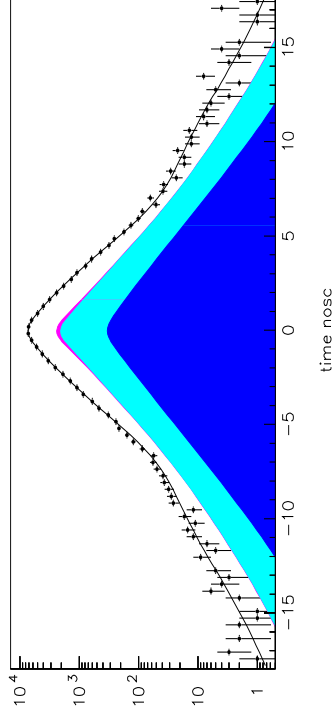
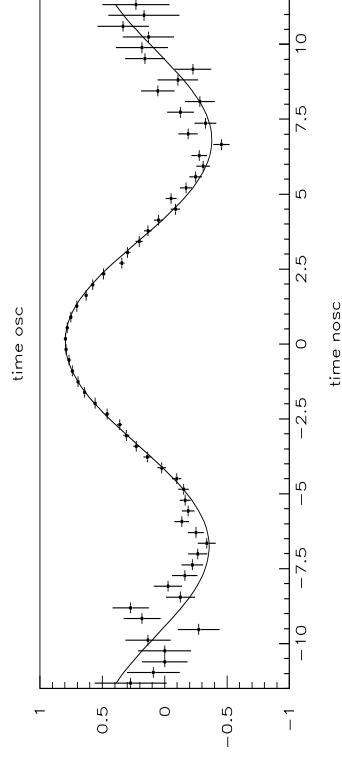
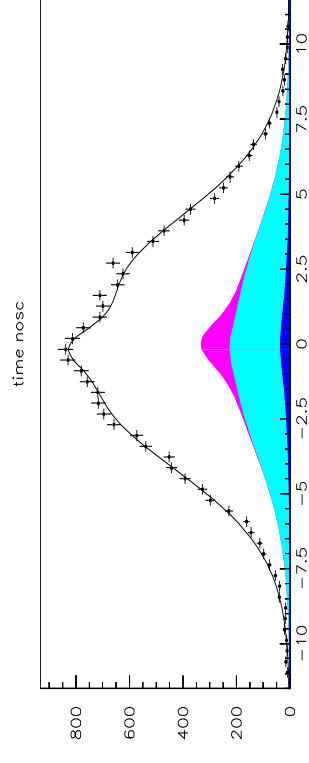
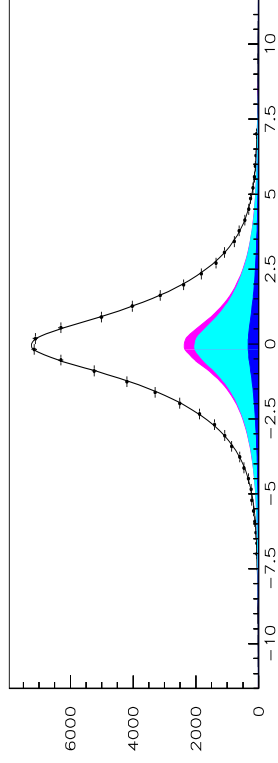


2002
23926

B+
Combinatorial
Continuum

year	2000	2001	2002	Average	Comb. fit
$\tau(\text{ps})$	1.589 ± 0.016	1.549 ± 0.014	1.596 ± 0.020	1.573 ± 0.009	1.583 ± 0.003
$\Delta m(\text{ps}^{-1})$	0.464 ± 0.008	0.452 ± 0.007	0.452 ± 0.009	0.456 ± 0.005	0.451 ± 0.002

Statistical error too small:
Convergence Problem to be investigated



Work in progress (~2–3 weeks):

- Toy MC
- Systematics Determination:
 - Boost Approximation / Selection bias (from MC)
 - Alignment (different data samples)
 - Combinatorial Fraction
 - Cascade Dilution
 - $\sigma(\text{cc})$ on–peak/off–peak