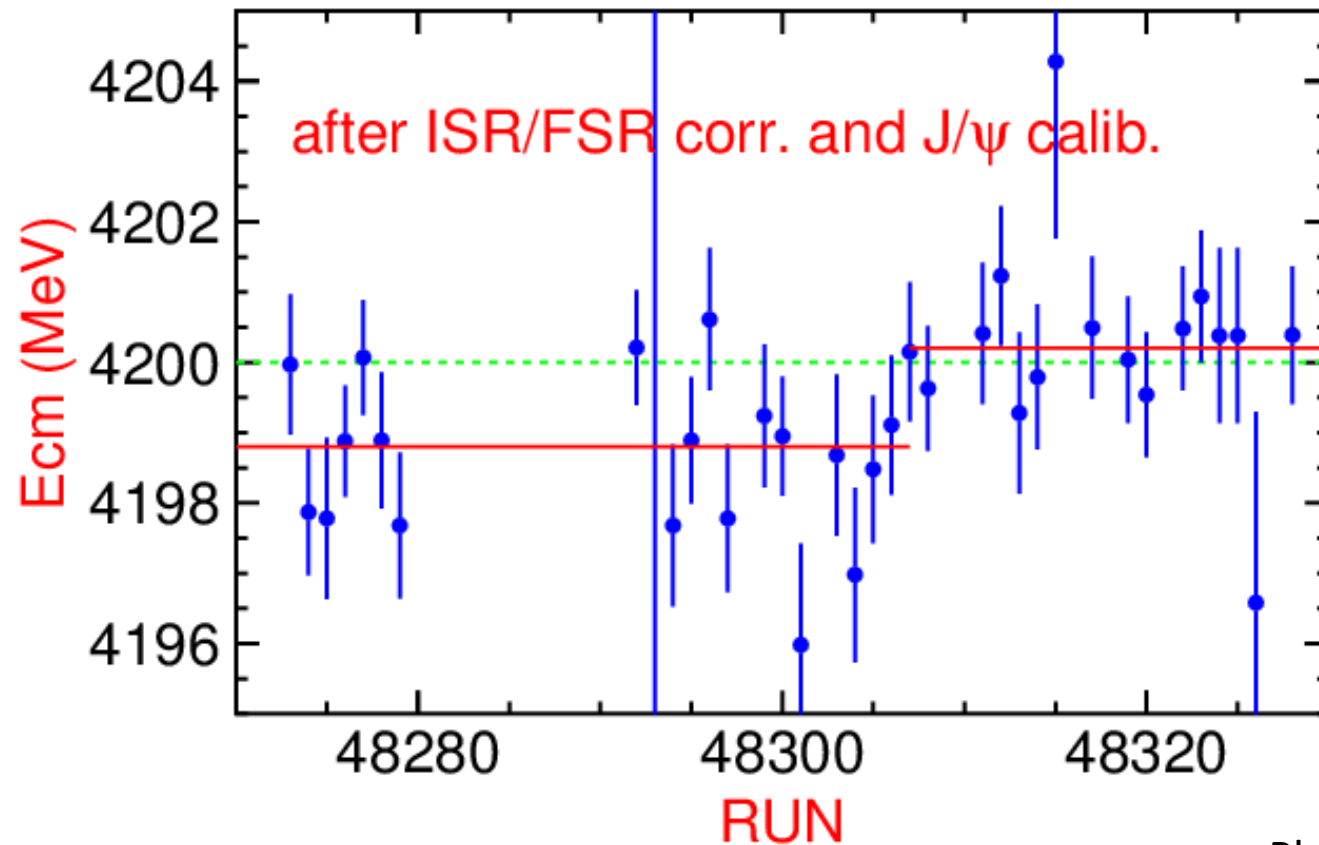


Next energy points

Kai Zhu

2017-1-17

Energy measurement of data taking now




Agree with nominal value well

Plotted by Prof. Yuan
Based on Longzhou's results

Next energy points

Nominal (MeV)	Real (MeV)	Status
4190	4190.1	taken
4200	4200.8	taking now
4210	4210 ?	
4220	4220 ?	
4230	4226.3	taken
4240	4236 ?	More $\pi^+\pi^-J/\psi$?
4250	4246 ?	
4260	4258.0	taken
4270	4270 ?	
4280	4280 ?	
4290	4290 ?	
4300	4300 ?	

$D_s^*D_s^*$ threshold
4224.2 MeV



Backup

TABLE II. Weighted average E_{cms} for all data samples. The first uncertainty is statistical, and the second is systematic.

ID	Weighted average E_{cms} (MeV)
3810	$3807.65 \pm 0.10 \pm 0.58$
3900	$3896.24 \pm 0.11 \pm 0.72$
4009	$4007.62 \pm 0.05 \pm 0.66$
4090	$4085.45 \pm 0.14 \pm 0.66$
4190	$4188.59 \pm 0.15 \pm 0.68$
4210	$4207.73 \pm 0.14 \pm 0.61$
4220	$4217.13 \pm 0.14 \pm 0.67$
4230	$4226.26 \pm 0.04 \pm 0.65$
4245	$4241.66 \pm 0.12 \pm 0.73$
4260	$4257.97 \pm 0.04 \pm 0.66$
4310	$4307.89 \pm 0.17 \pm 0.63$
4360	$4358.26 \pm 0.05 \pm 0.62$
4390	$4387.40 \pm 0.17 \pm 0.65$
4420	$4415.58 \pm 0.04 \pm 0.72$
4470	$4467.06 \pm 0.11 \pm 0.73$
4530	$4527.14 \pm 0.11 \pm 0.72$
4575	$4574.50 \pm 0.18 \pm 0.70$
4600	$4599.53 \pm 0.07 \pm 0.74$

From Gao Qing's measurements