



## PXD Powerup-Sequence vs. Belle II RC/PSC



Michael Ritzert

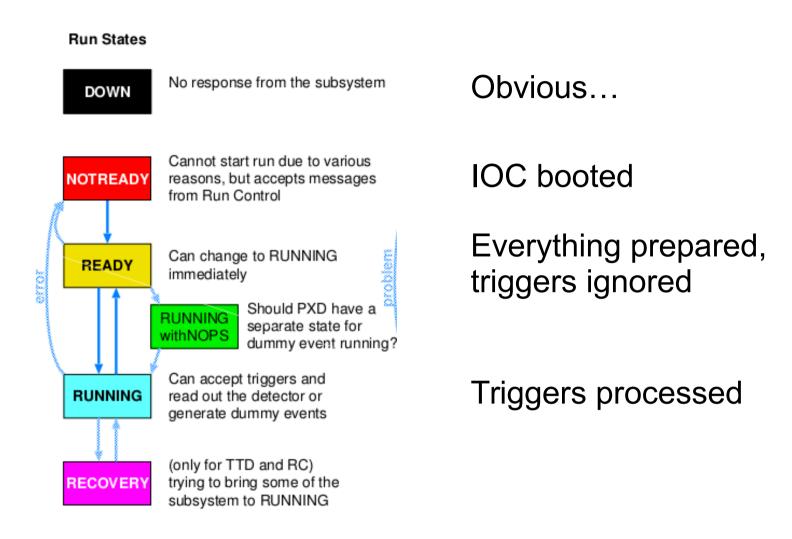
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23rd B2GM

Tsukuba

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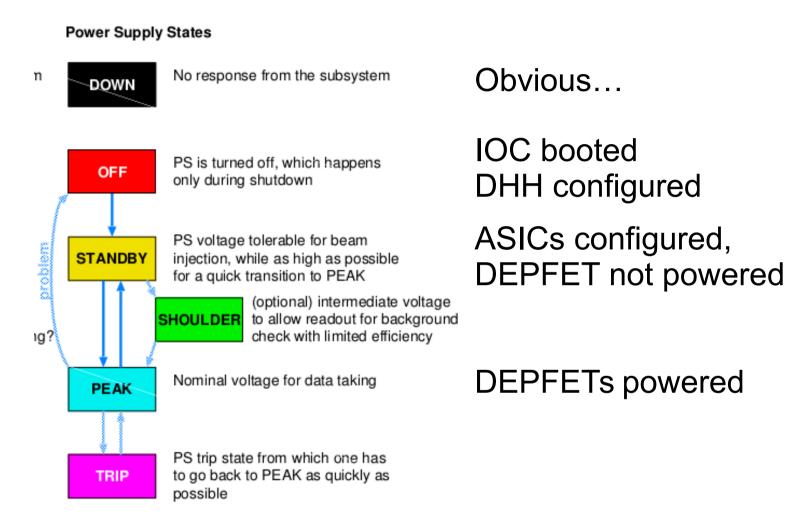
## Analysis: Run States



⇒ All concerning the DAQ part.



## Analysis: Power Supply States



⇒ All concerning the sensor part.



	op 0000 1, 100 p 1-1-8	
OFF DHH configured DAQ off	STANDBY ASICs+DHH ready DEPFETs not powered DAQ off	PEAK Frontend sending data DAQ off
DHH configured  DAQ links established	ASICs+DHH ready DEPFETs not powered  DAQ links established	Frontend sending data  DAQ links established
DHH configured  DAQ processing triggers, ROIs.	ASICs+DHH ready DEPFETs not powered  DAQ processing triggers, ROIs.	Frontend sending data.  DAQ processing triggers, ROIs.



Duffillity Mode					
	OFF	STANDBY	PEAK		
	DHH configured	ASICs+DHH ready DEPFETs not powered	Frontend sending data		
	DAQ off	DAQ off	DAQ off		
	DHH configured	ASICs+DHH ready DEPFETs not powered	Frontend sending data		
	DAQ links established	DAQ links established	DAQ links established		
	DHH configured	ASICs+DHH ready DEPFETs not powered	Frontend sending data.		
	DAQ processing triggers, ROIs.	DAQ processing triggers, ROIs.	DAQ processing triggers, ROIs.		
	DHH sends dummy data	DHP sends dummy data			

