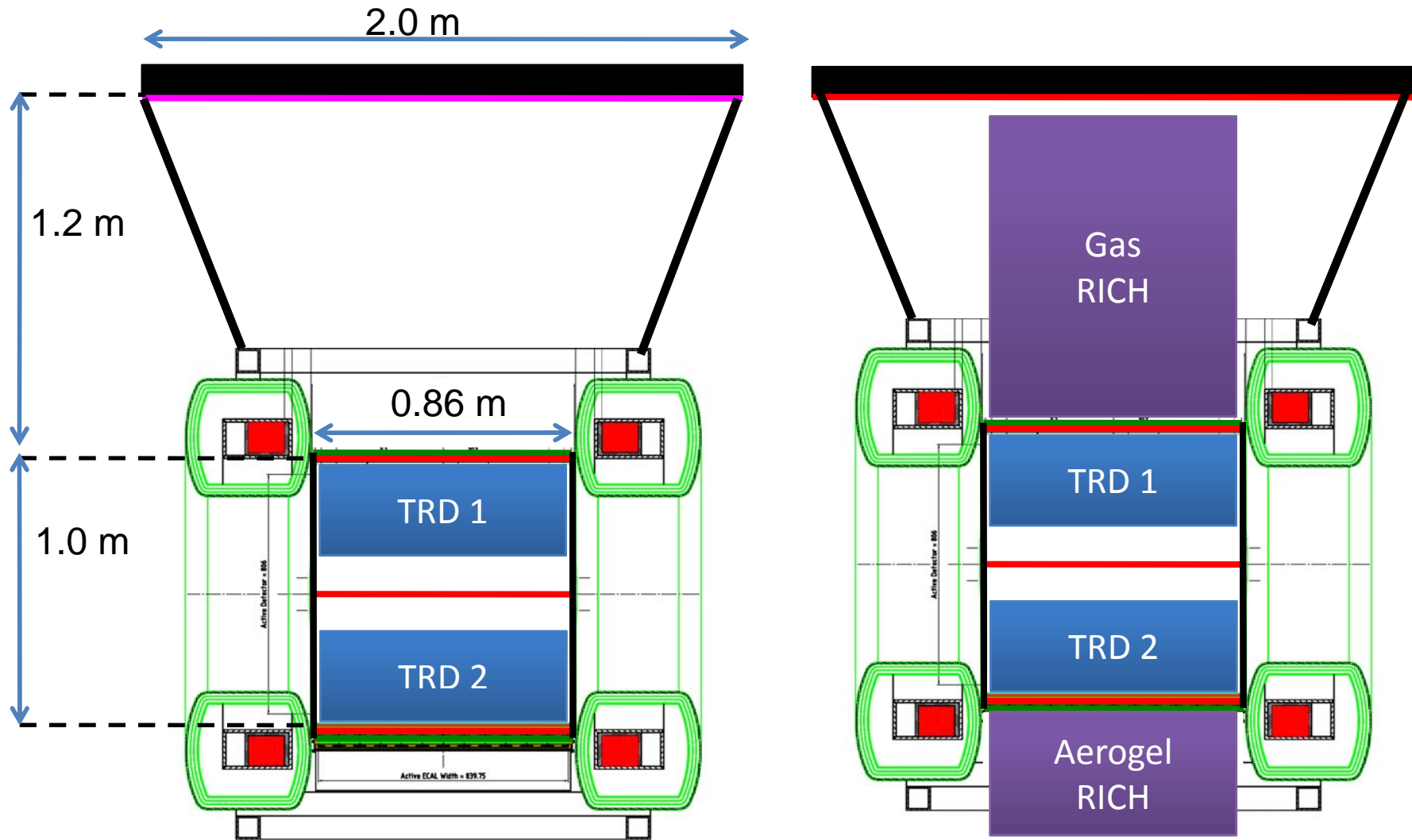
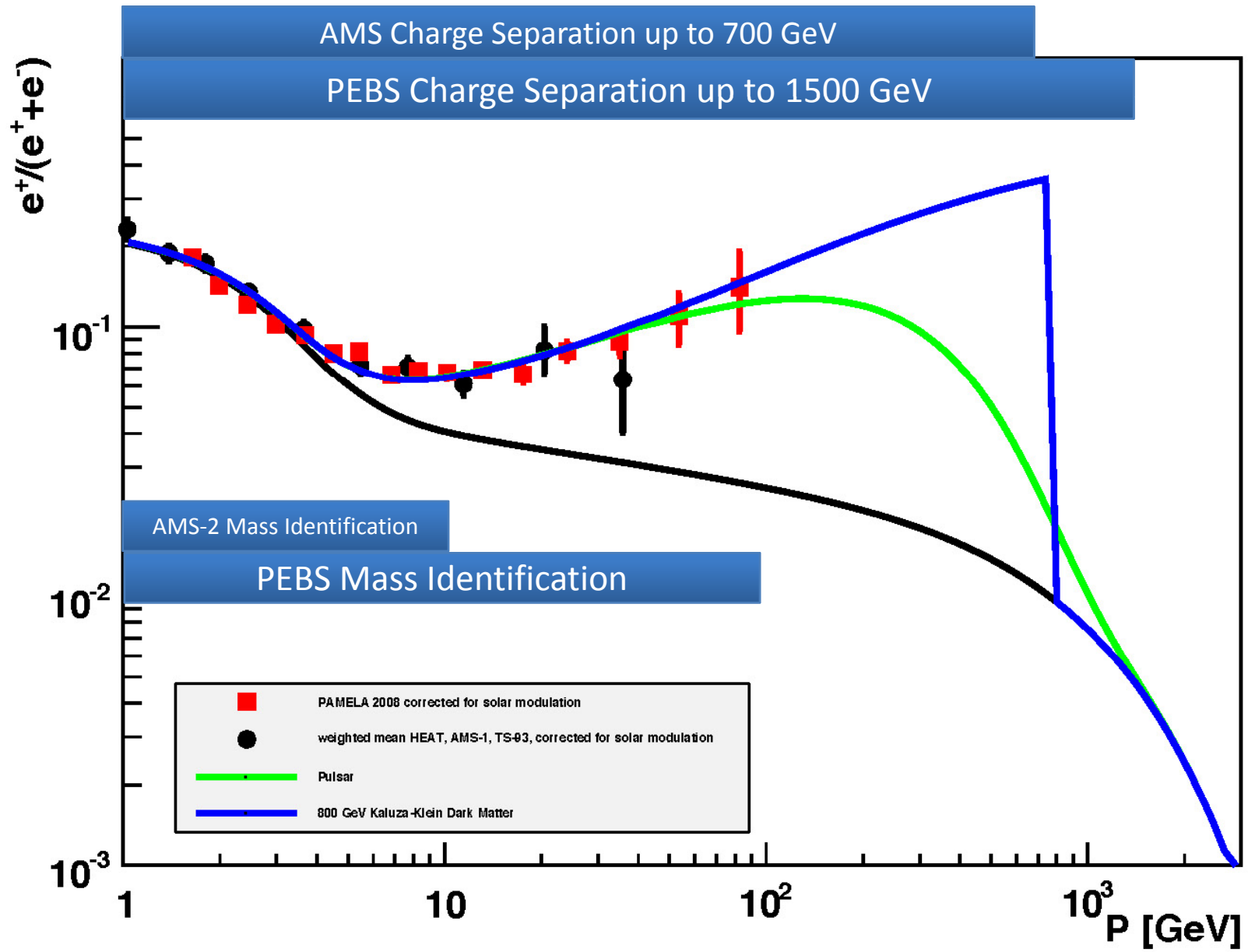


Conclusions





PEBS – The physics case

1. Improve the charge separation compared to any other experiment by more than a factor of 2; MDR from 2 TV => 5 TV
2. Improve the mass identification compared to any other experiment by a factor 10
He3/He4 from 1-10 GeV/n => 1 – 100 GeV/n
3. Measure the low energy part of the electron and positron spectrum with excellent accuracy where space experiments are limited by the geomagnetic cut-off
4. Be the only experiment which has the charge, mass and energy resolution to cross check the results of the upcoming space experiments

Schedule

		01/09	06/09	01/10	06/10	01/11	06/11	01/12	06/12	01/13	06/13	01/14	06/14	01/15	06/15	01/16	06/16	01/17	06/17	01/18	06/18	01/19
03/09	Proposal NASA	█																				
09/09	Decision		█																			
	Proposal Europe		█																			
	Decision			█																		
	Construction	█	█	█	█	█	█	█	█													
	Integration						█	█	█													
	T-Beam						█	█														
	Test-Flight								█													
	Hang-Test									█												
12/13	PEBS-ECAL										█											
	Repair & Upgrade											█	█	█	█							
	Data-Analysis											█	█	█	█							
12/15	PEBS-RICH																					
	Repair & Upgrade															█	█	█	█			
	Data-Analysis															█	█	█	█			
12/17	PEBS-ECAL/RICH																					
	Data-Analysis																				█	█

To Do - till end February 2009

- Verify tracking concept Zürich
- Verify Mass & Power US
- Update Tracker Power Perugia
- ToF Design-0 US
- RICH Design-0 US
- Si-Tracker Design-0 Aachen
- Update System Design Aachen
- WWW-Page Aachen