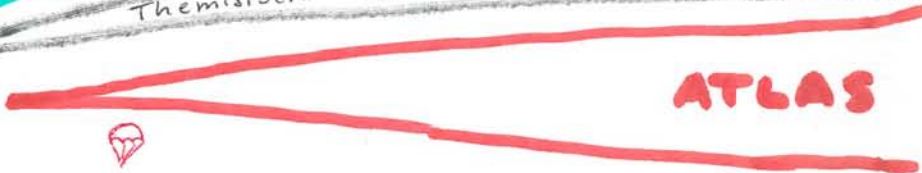
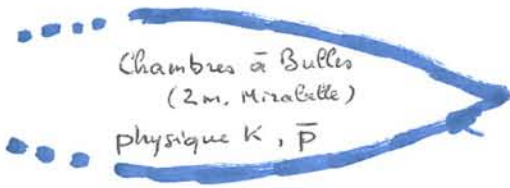
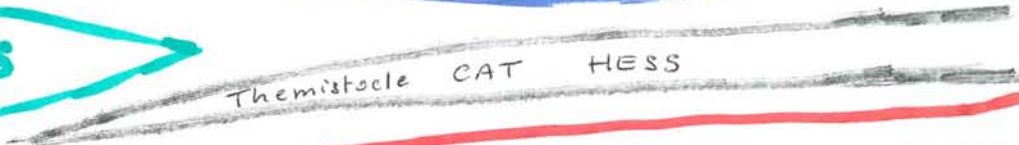
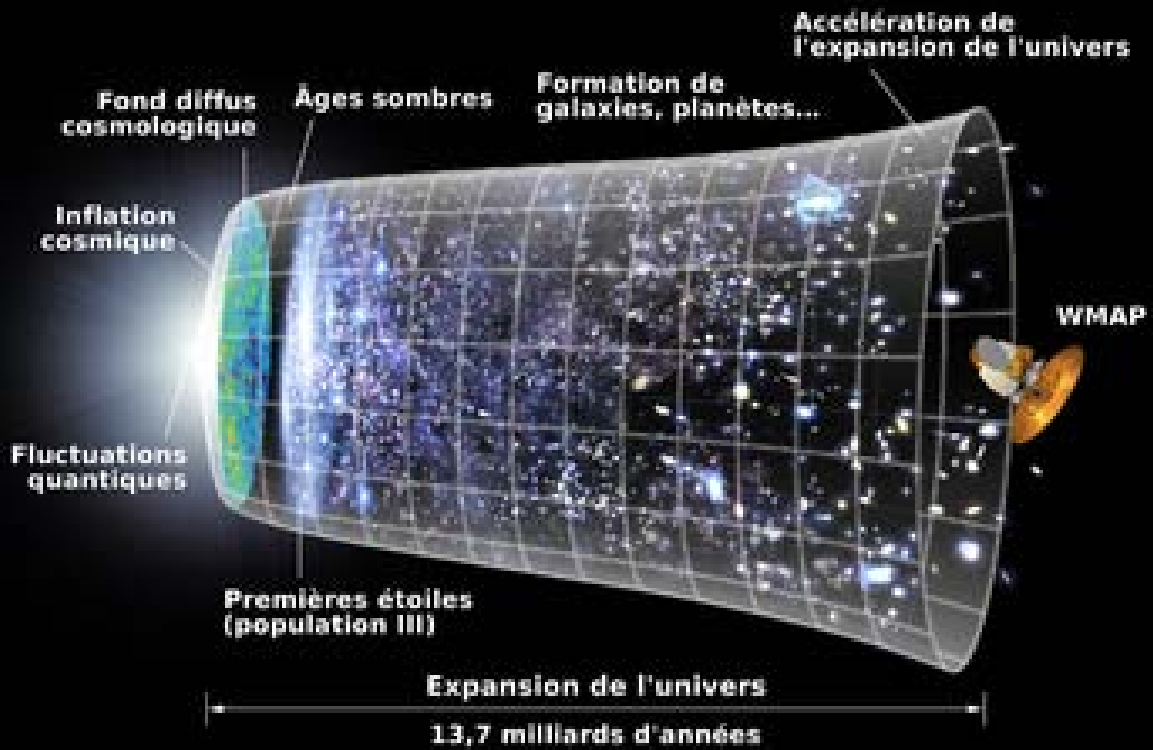


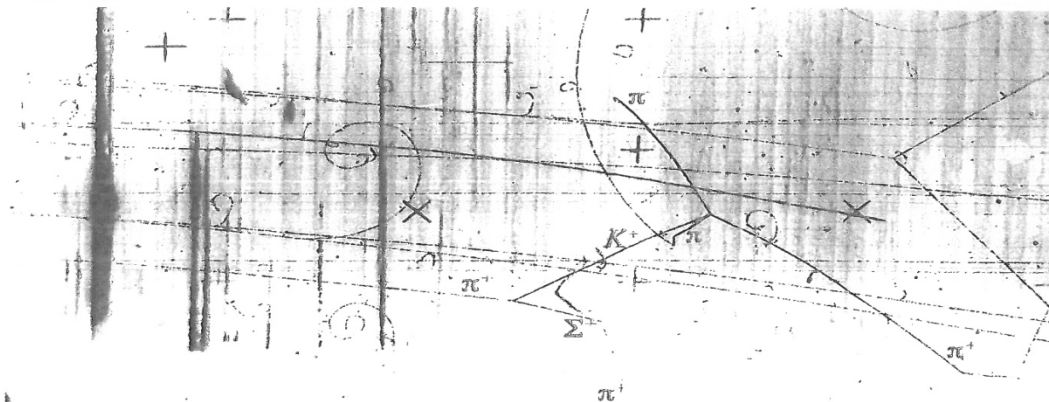
LPNHE 1971-2001





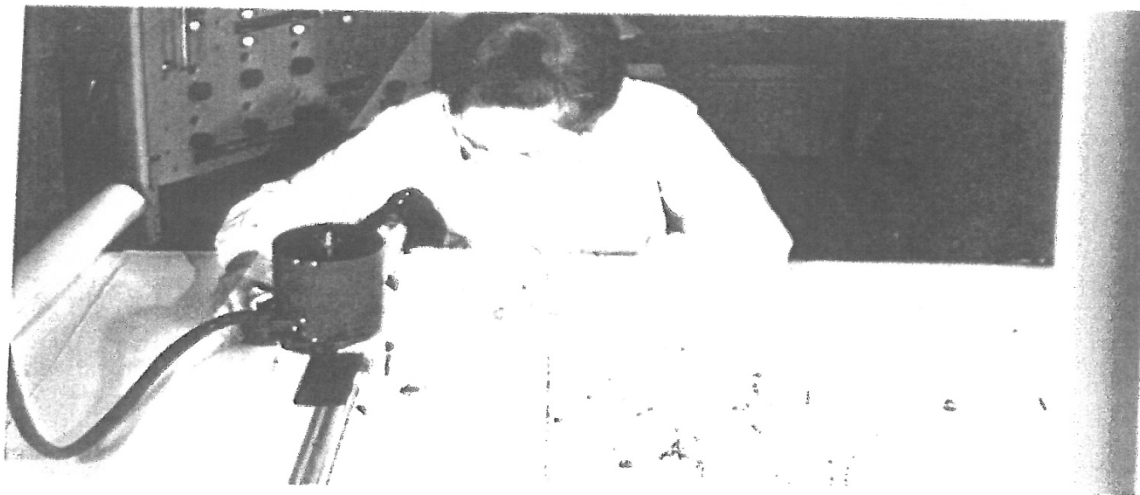


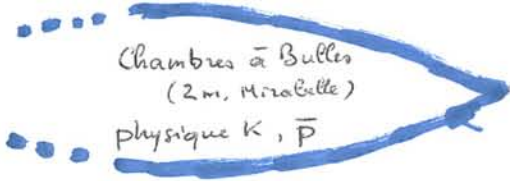
Chambres à Bulles
(Zm, Mirabelle)
physique K, \bar{P}



CLICHÉ D'UNE CRÉATION ASSOCIÉE

La réaction est celle d'un méson π^+ sur un proton avec création d'un baryon Σ^+ , associé à un méson K^+ . Ces deux particules se désintègrent presque immédiatement, le Σ^+ donnant naissance à un méson π^+ et à un neutron non détecté, le méson K^+ à trois mésons π^+ . Toutes les séquences sont enregistrées dans le même cliché.





DESY-PETRA-CELLO Experiment

A 4 PI MAGNETIC DETECTOR FOR PETRA --- CELLO

(Proposed: 29 July 1976, Approved: 19 Oct. 1976, Began: March 1980, Completed: Nov. 1986)

Spokesperson is C. Kiesling

The central part of the CELLO detector consists of proportional and drift chambers placed within a superconducting coil. The coil is surrounded by liquid argon calorimeters which measure electron and photon energies with high accuracy. Lead glass counter systems cover forwards and backwards directions. The detector is optimized for studies involving photons and electrons.

Collaboration

DESY

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Moss, H. Oberlack, P. Schacht, M.J. Schachter, A. Snyder, H. Steiner

Orsay, LAL

G. Carnesecchi, A. Cordier, M. Davier, F. Le Diberder, D. Fournier, J.F. Grivaz, J. Haissinski, V. Journe, F. Laplanche, J.J. Veillet, A. Weitsch

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Saclay

R. Aleksan, J. Bouchez, G. Cozzika, Y. Ducros, A. Gaidot, J. Pamela, J.P. Pansart, F. Pierre





ENS

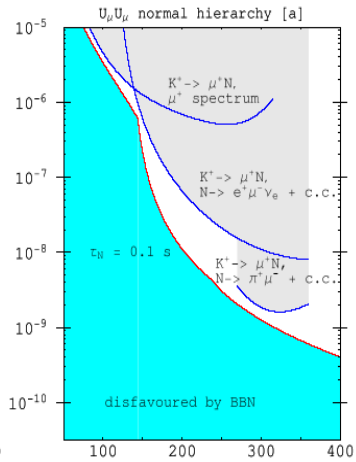
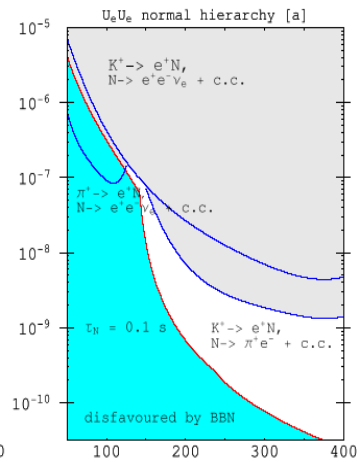
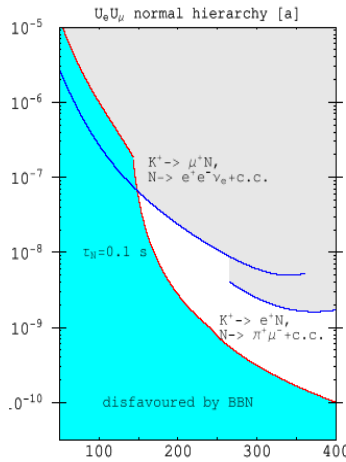
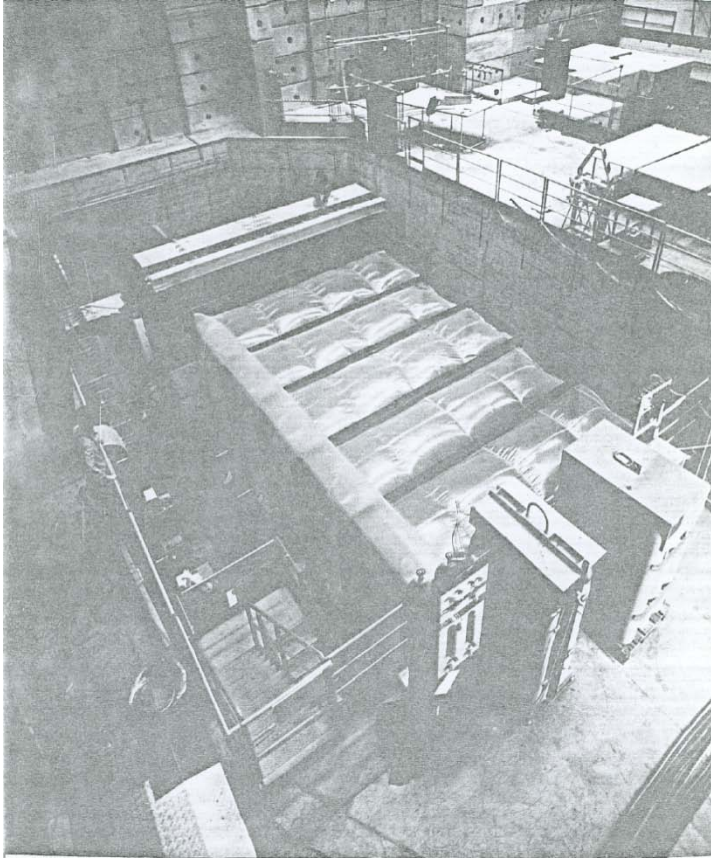
Chambres à Bulles
(2m. Mirabelle)
physique K , \bar{p}

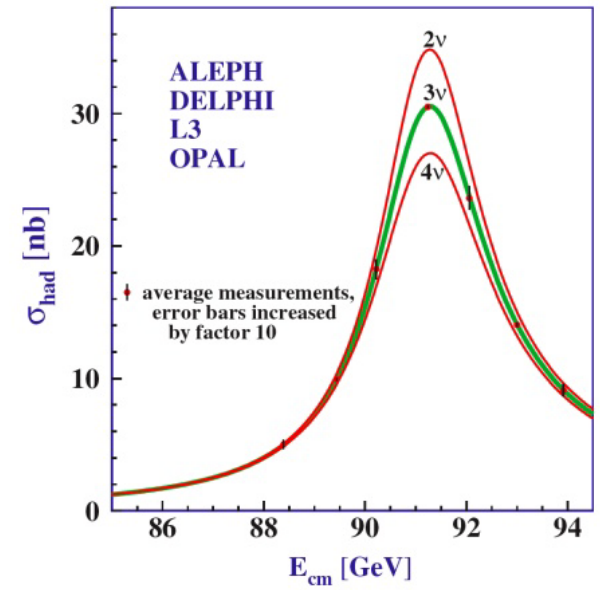
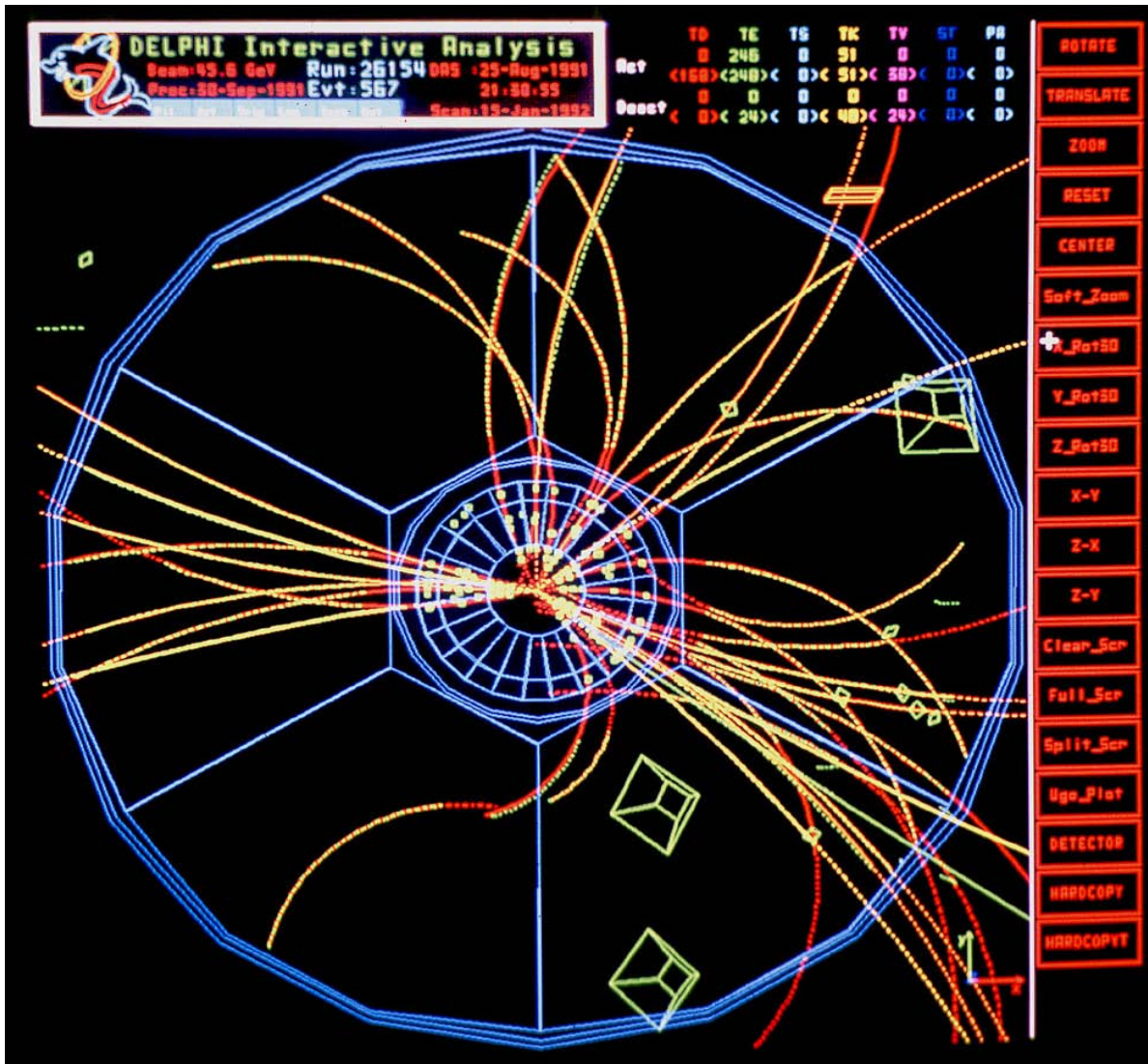
CELLO

DELPHI

JURA PS191 EX16 NOMAD

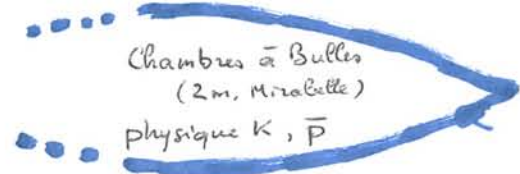


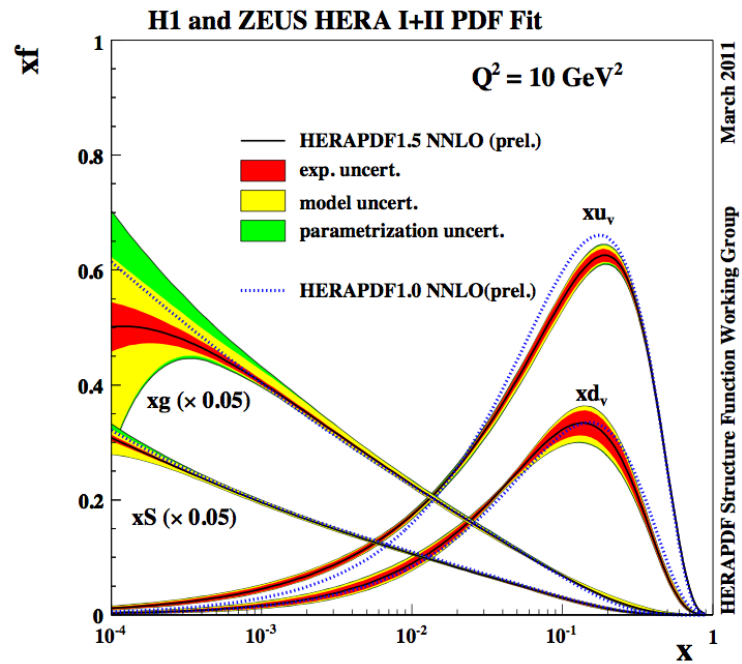
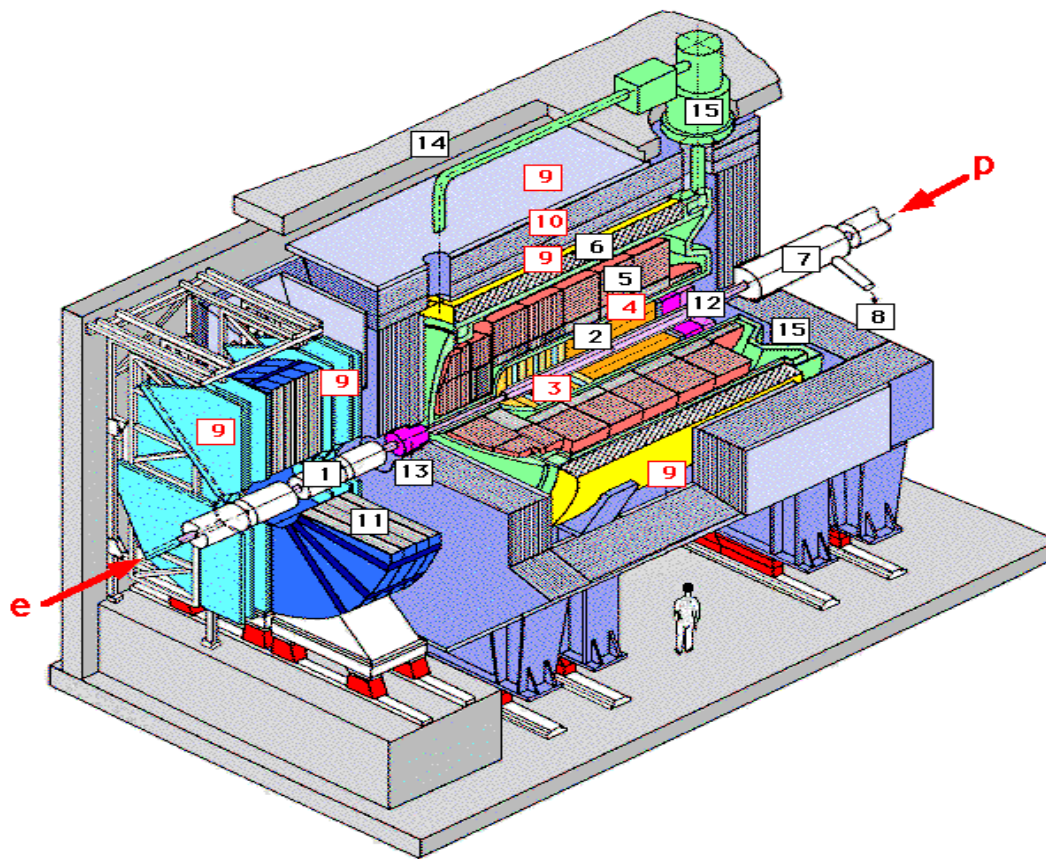


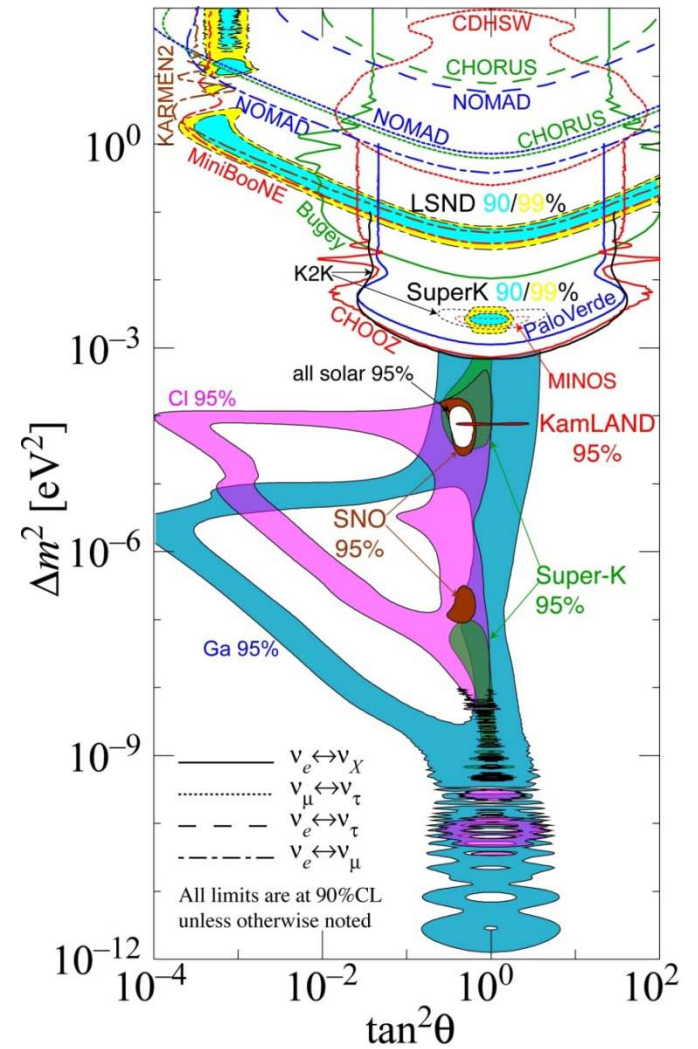
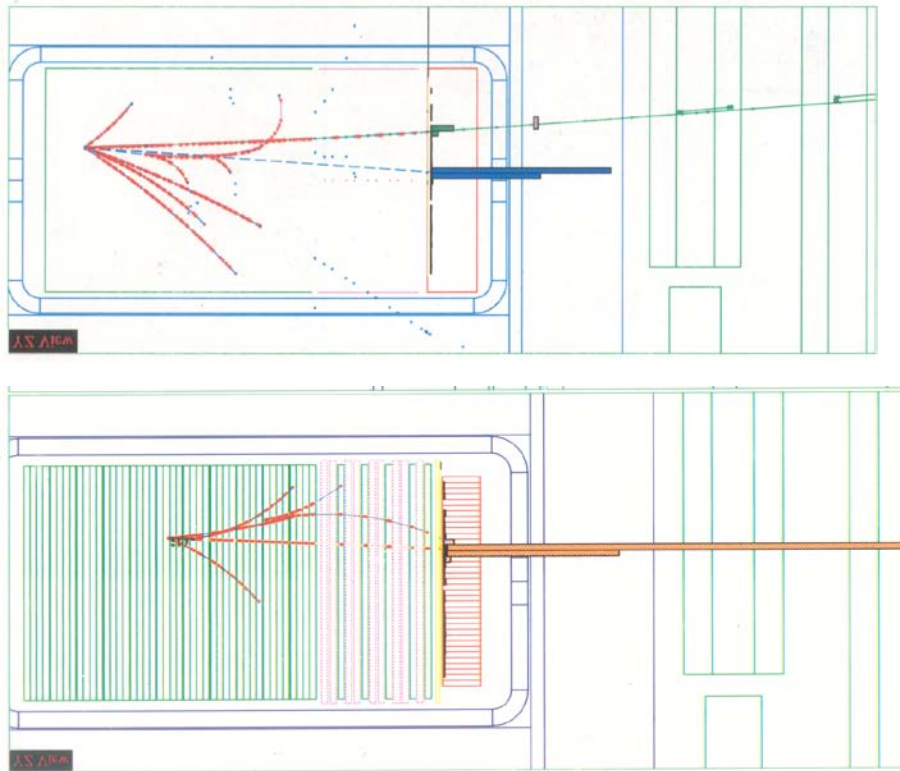


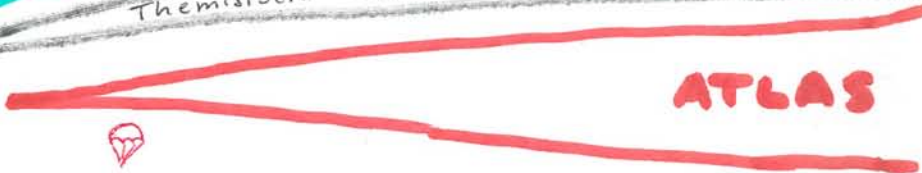
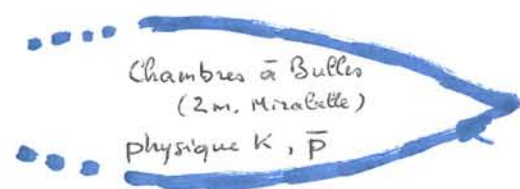
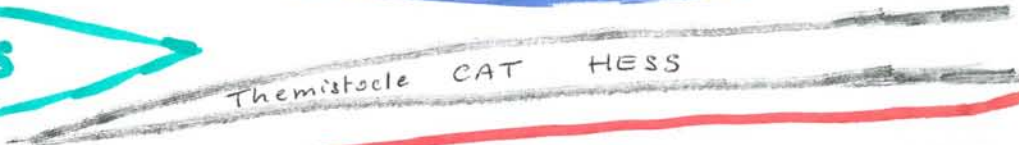


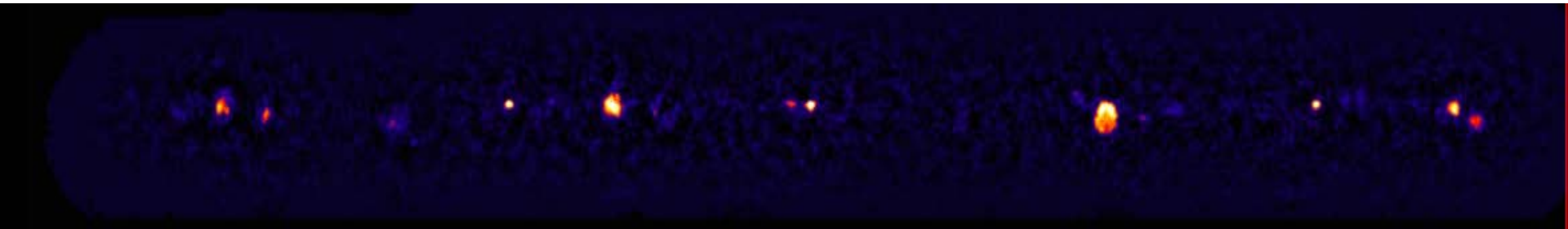
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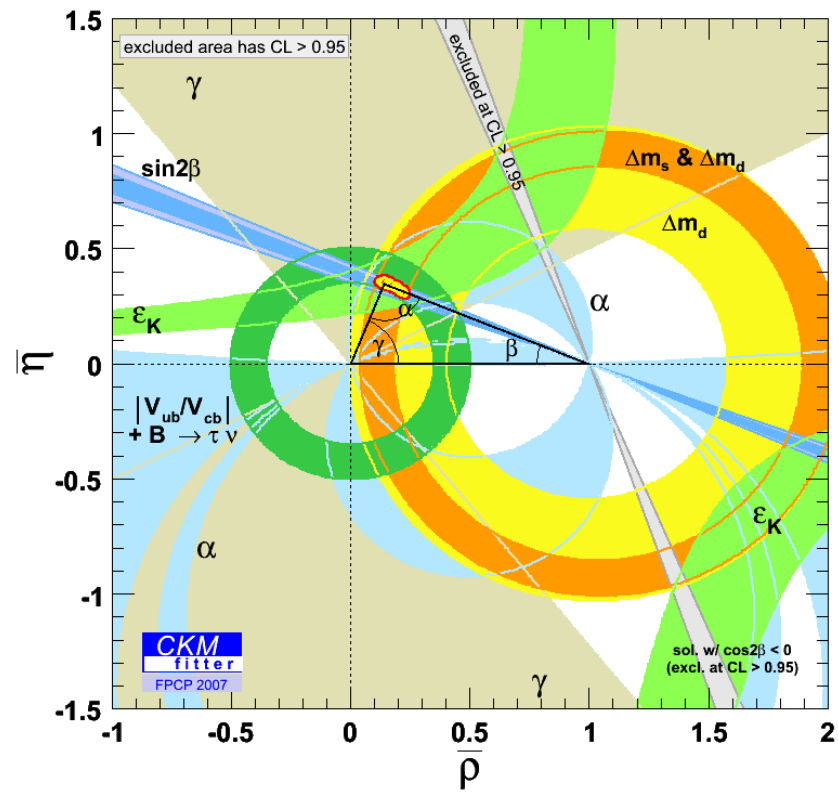






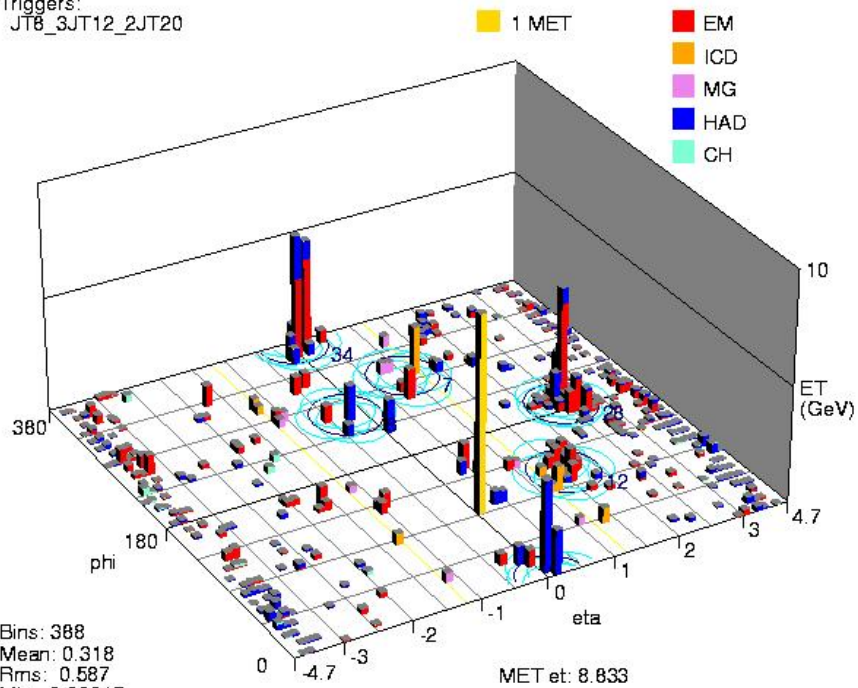






Run 271281 Evt 50433049 Wed Apr 27 05:52:45 2011

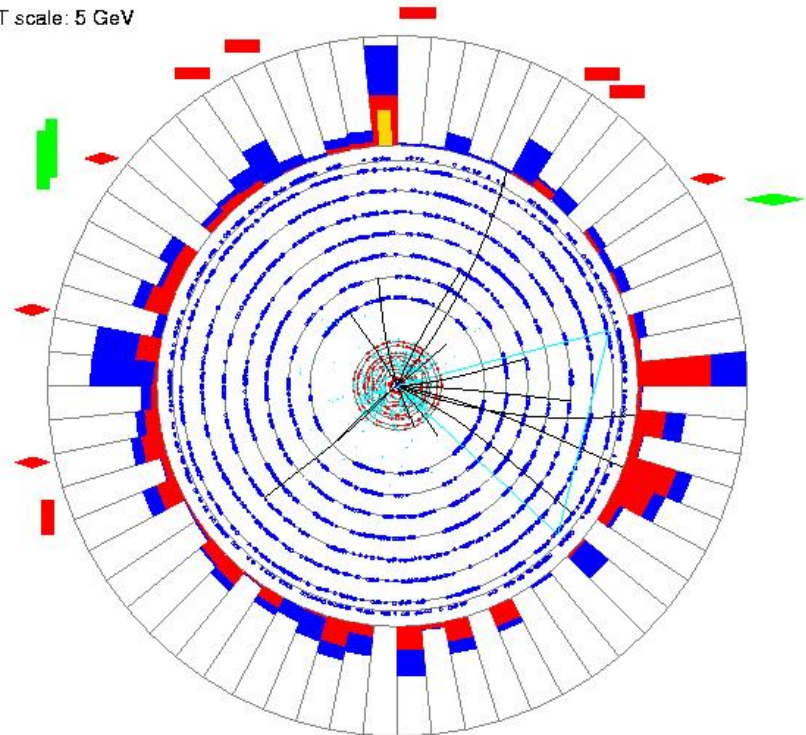
Triggers:
JT8_3JT12_2JT20

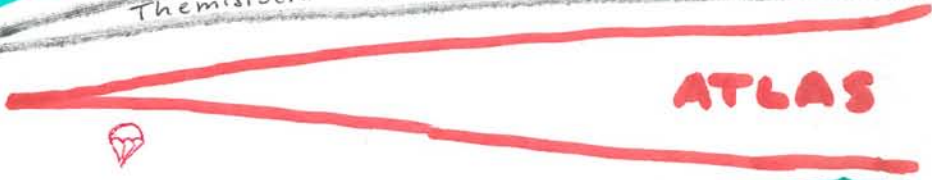
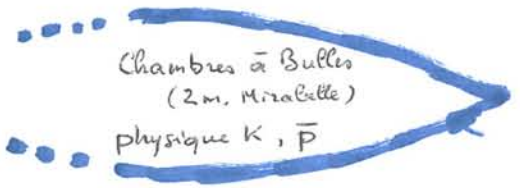
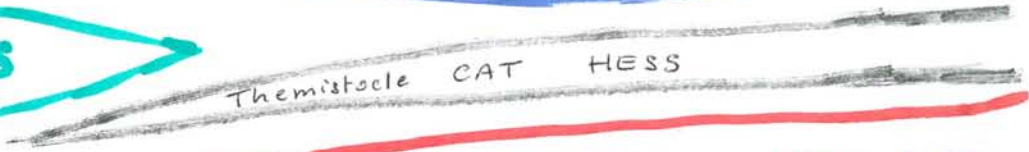


Bins: 388
Mean: 0.318
Rms: 0.587
Min: 0.00917
Max: 5.52

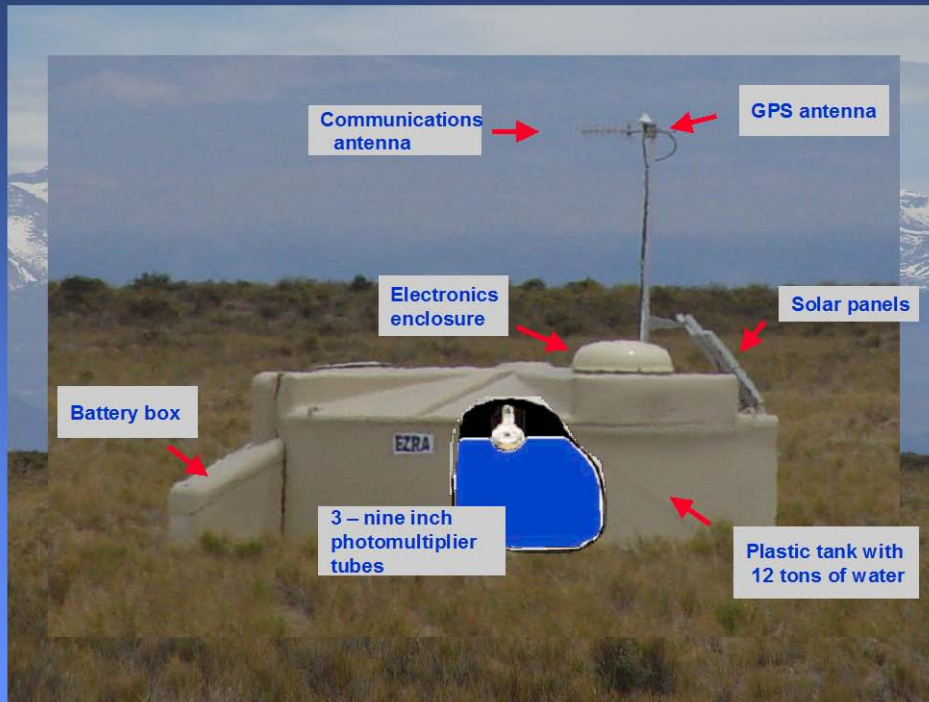
Run 271099 Evt 48985852 Thu Apr 21 23:57:15 2011

ET scale: 5 GeV

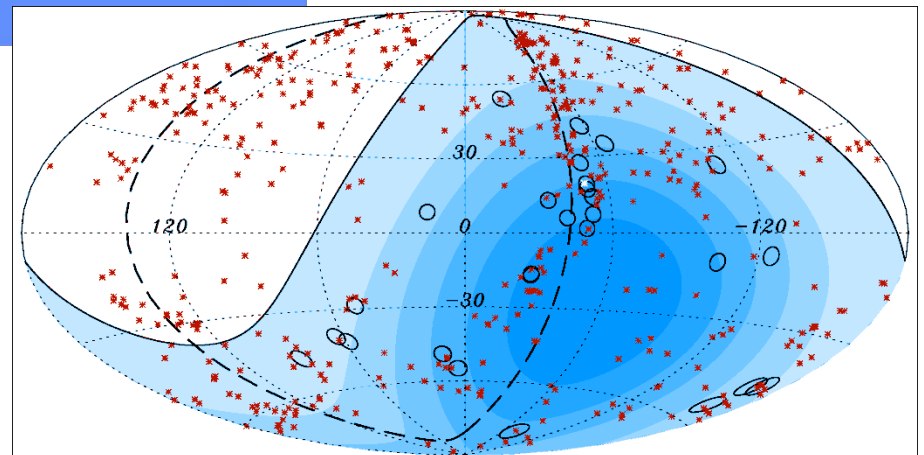


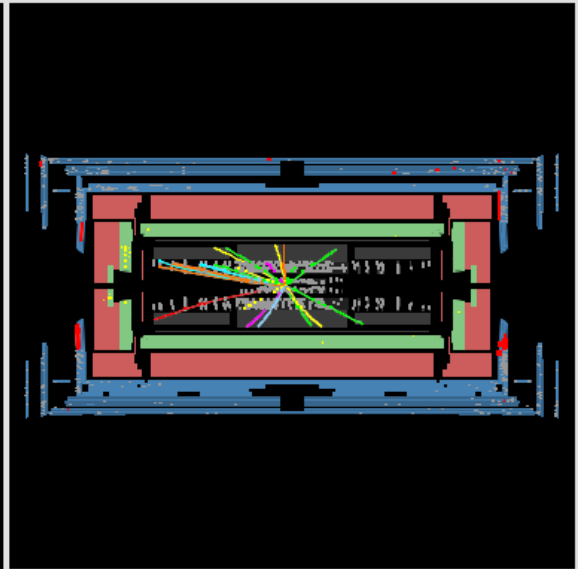
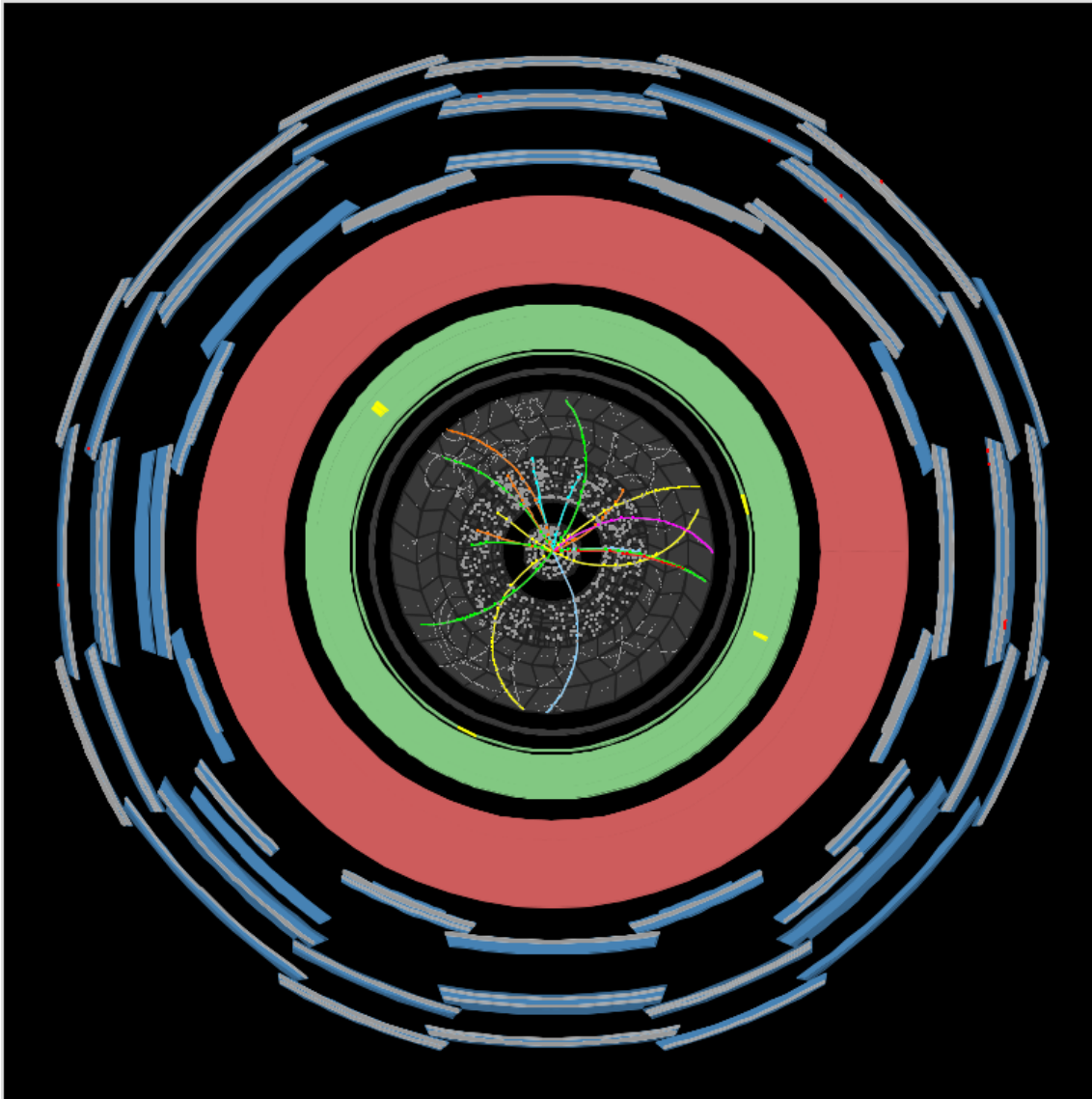


The Surface Array Detector Station



6





ATLAS EXPERIMENT

Run Number: 180309, Event Number: 85773930

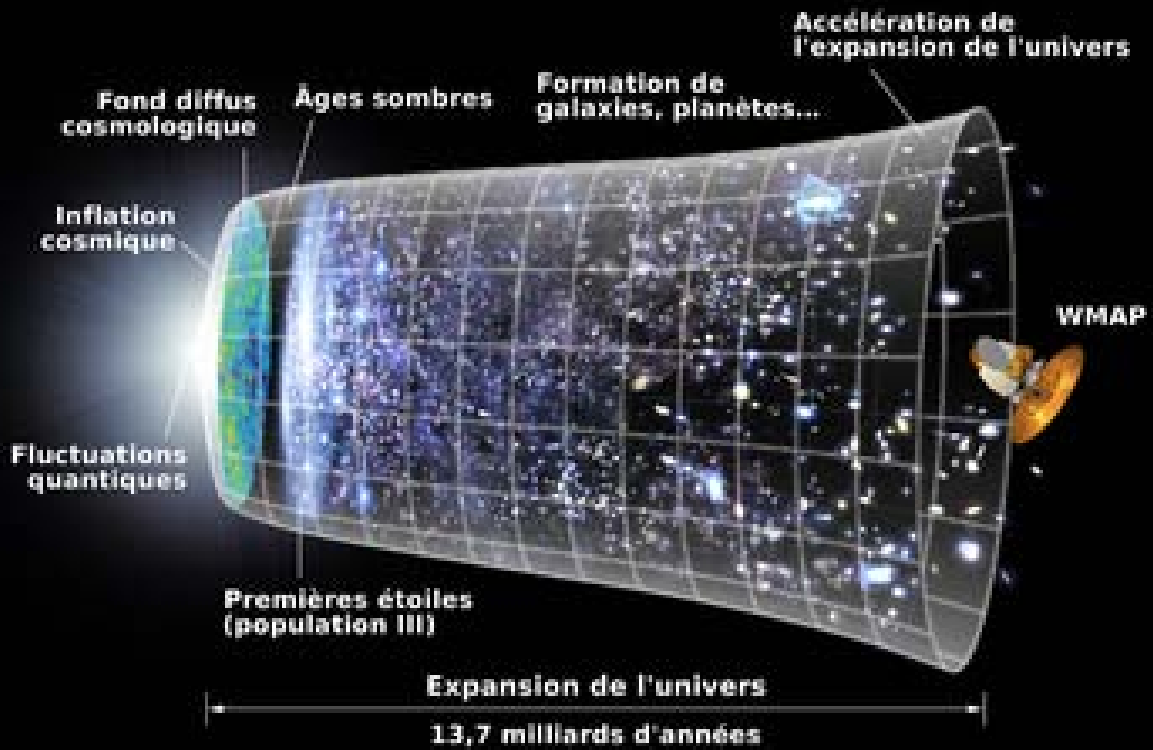
Date: 2011-04-27 07:01:18 CEST

Snapshot of a proton collision
directly from the ATLAS experiment

The **Supernova Cosmology Project** is one of two research teams that determined the likelihood of an [accelerating universe](#) and therefore a positive [Cosmological constant](#). This discovery was named "Breakthrough of the Year for 1998" by [Science Magazine](#)^[1] and, along with the [High-z Supernova Search Team](#), the project team won the [Gruber Prize in Cosmology](#) in [2007](#).^[2]

Project Members

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[Gregory Aldering](#), [Lawrence Berkeley National Laboratory](#)
[Brian J. Boyle](#), [Australia Telescope National Facility](#)
[Patricia G. Castro](#), [Instituto Superior Técnico](#), [Lisbon](#)
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[Susana Deustua](#), [American Astronomical Society](#)
[Richard Ellis](#), [California Institute of Technology](#)
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Le LPNHE au 21^e siècle...

Expansion accélérée?