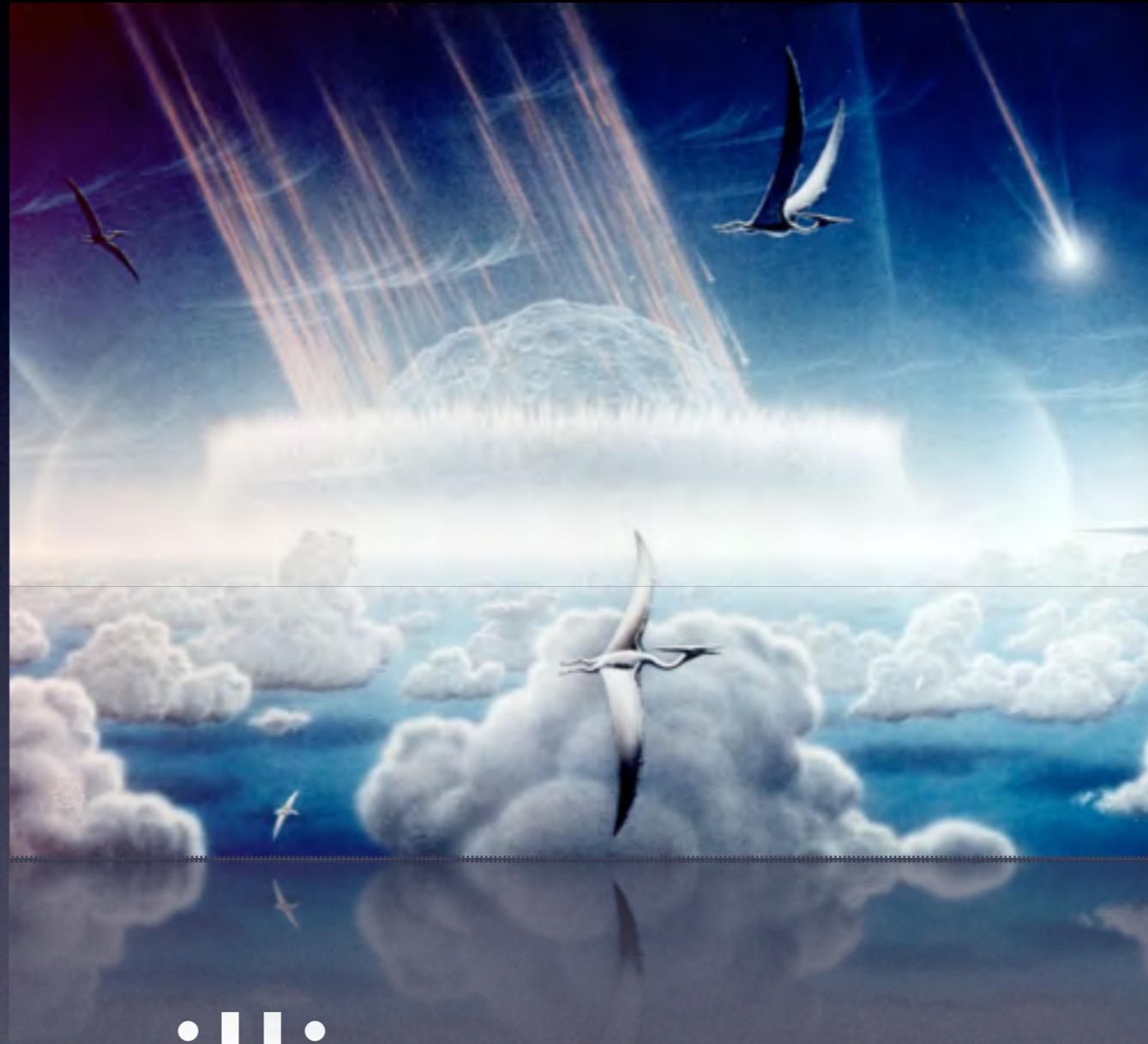


Back to the Future: The Reincarnation of Tyrex

David Jullien
djullien@ill.eu



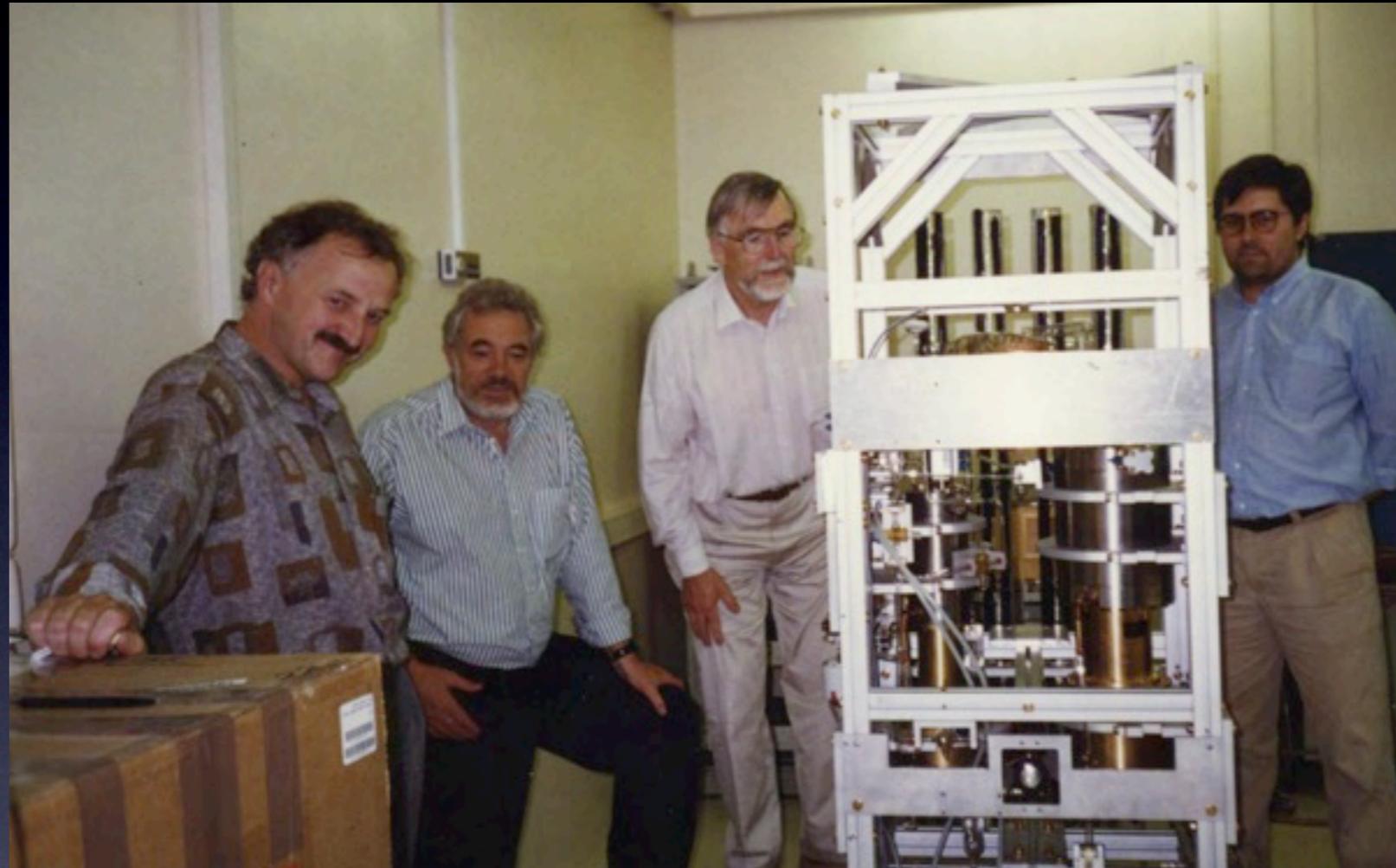
68 millions years ago



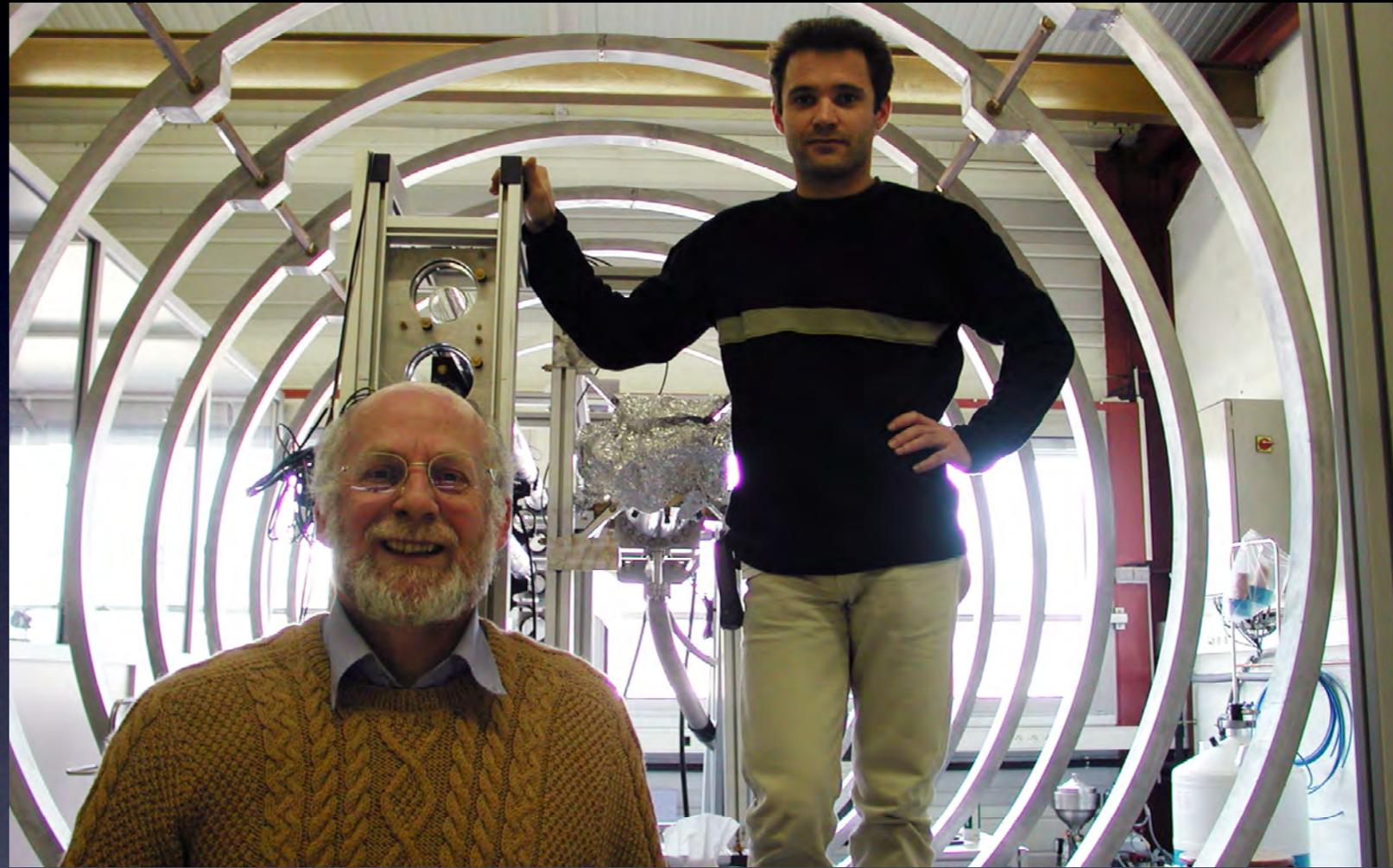
65 millions years ago



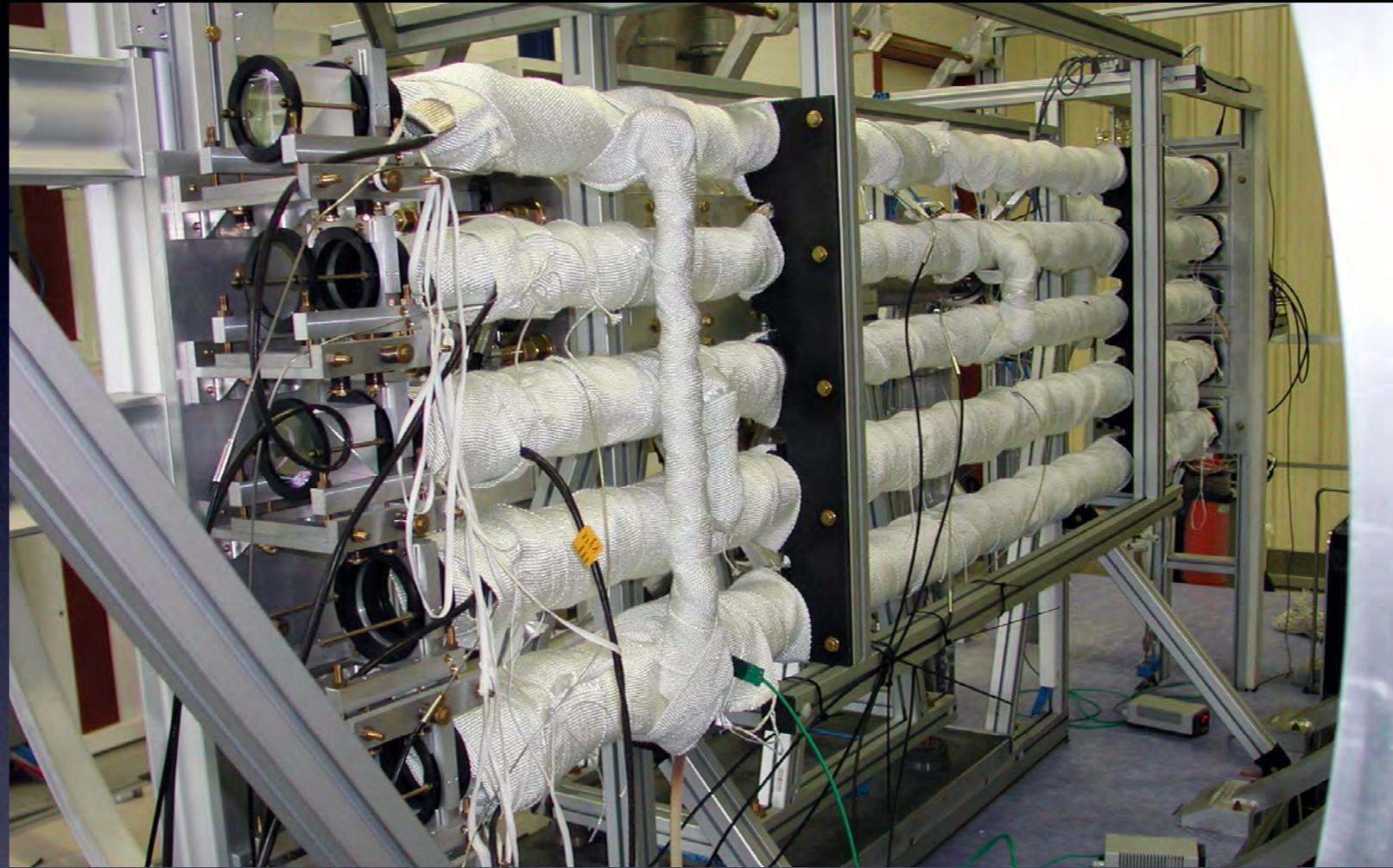
God prefers Cows.



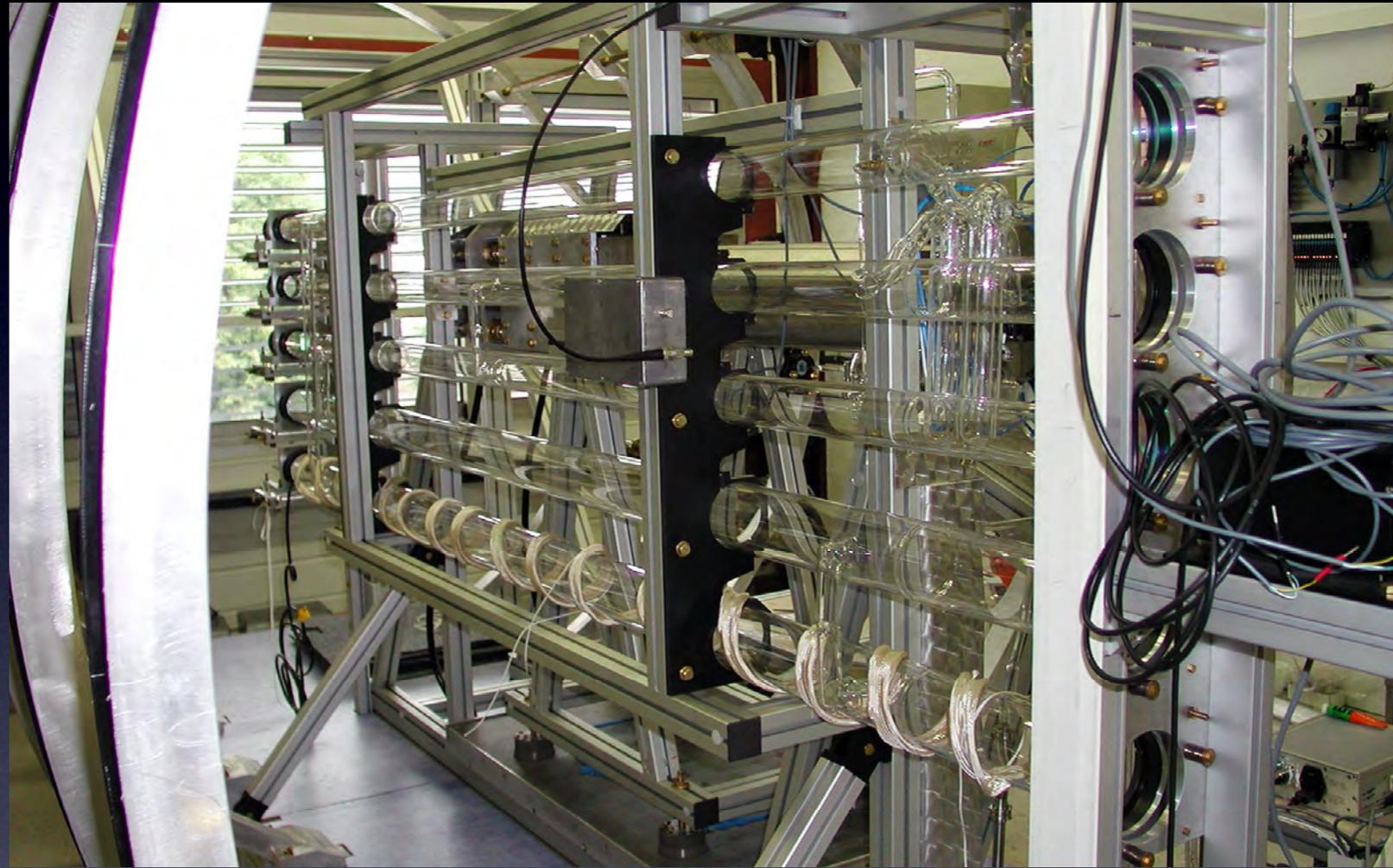
and Francis ?



No! He doesn't.



Tyrex Mummified

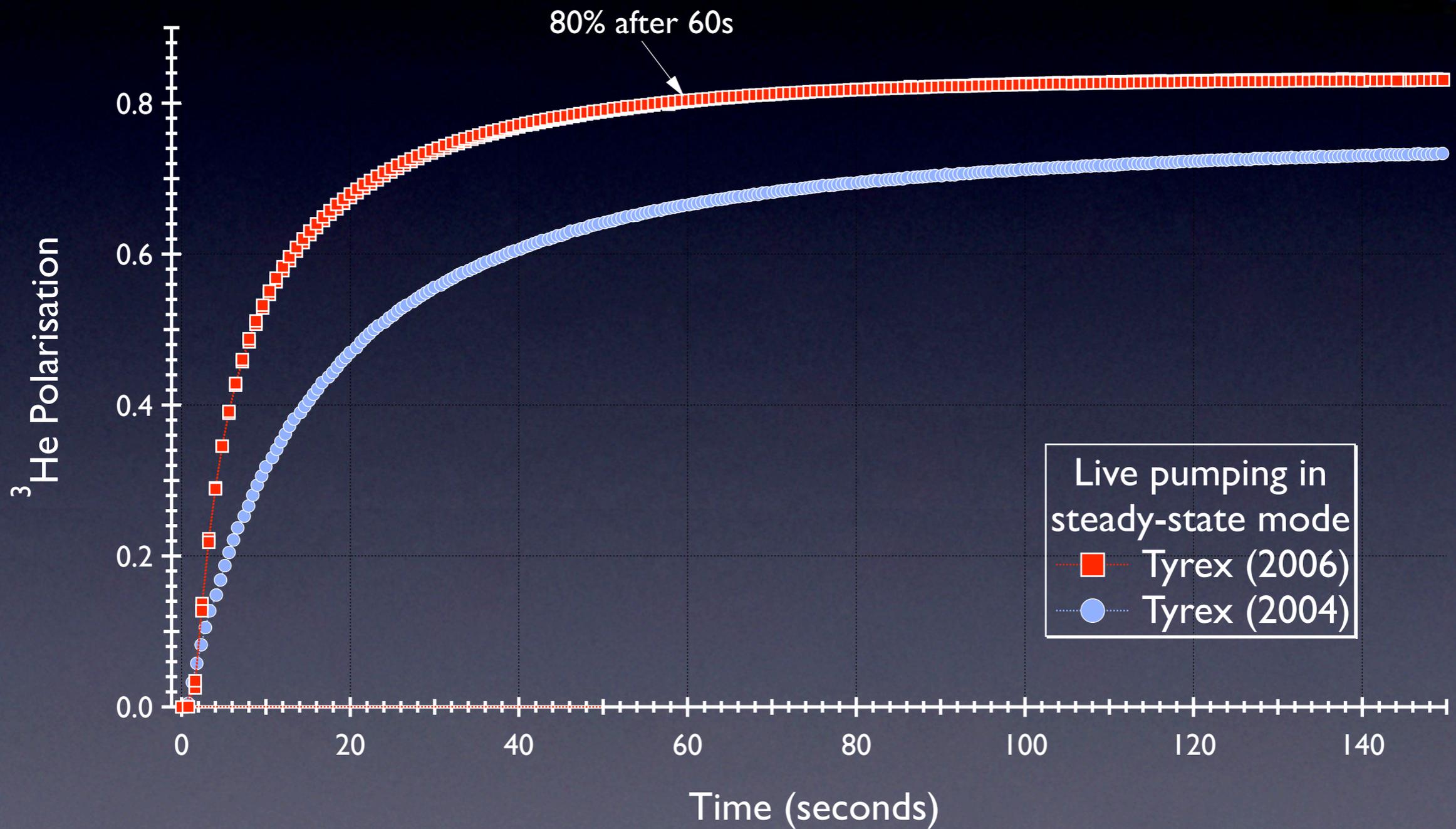


Tyrex Reincarnated



+70% at a glance

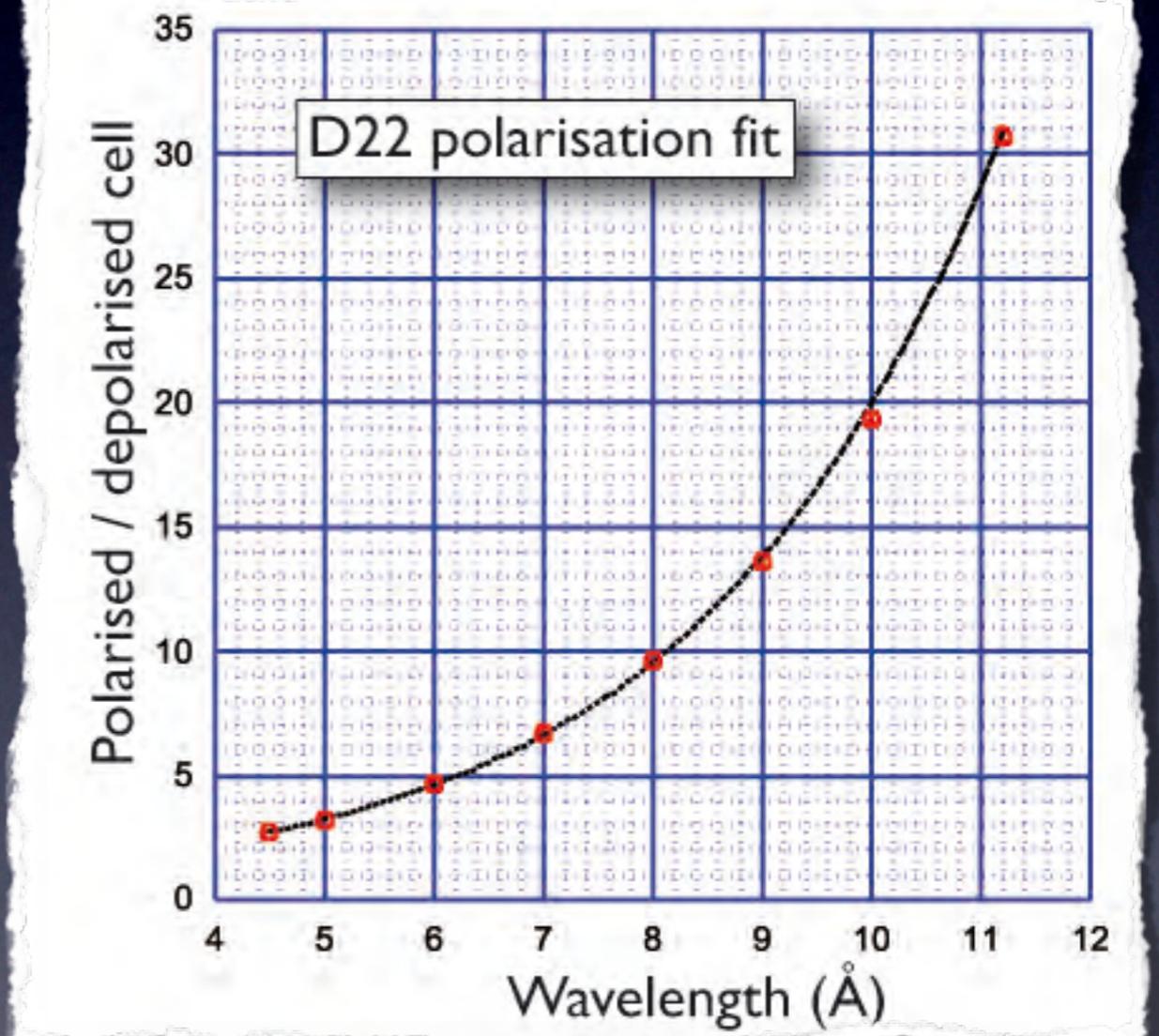
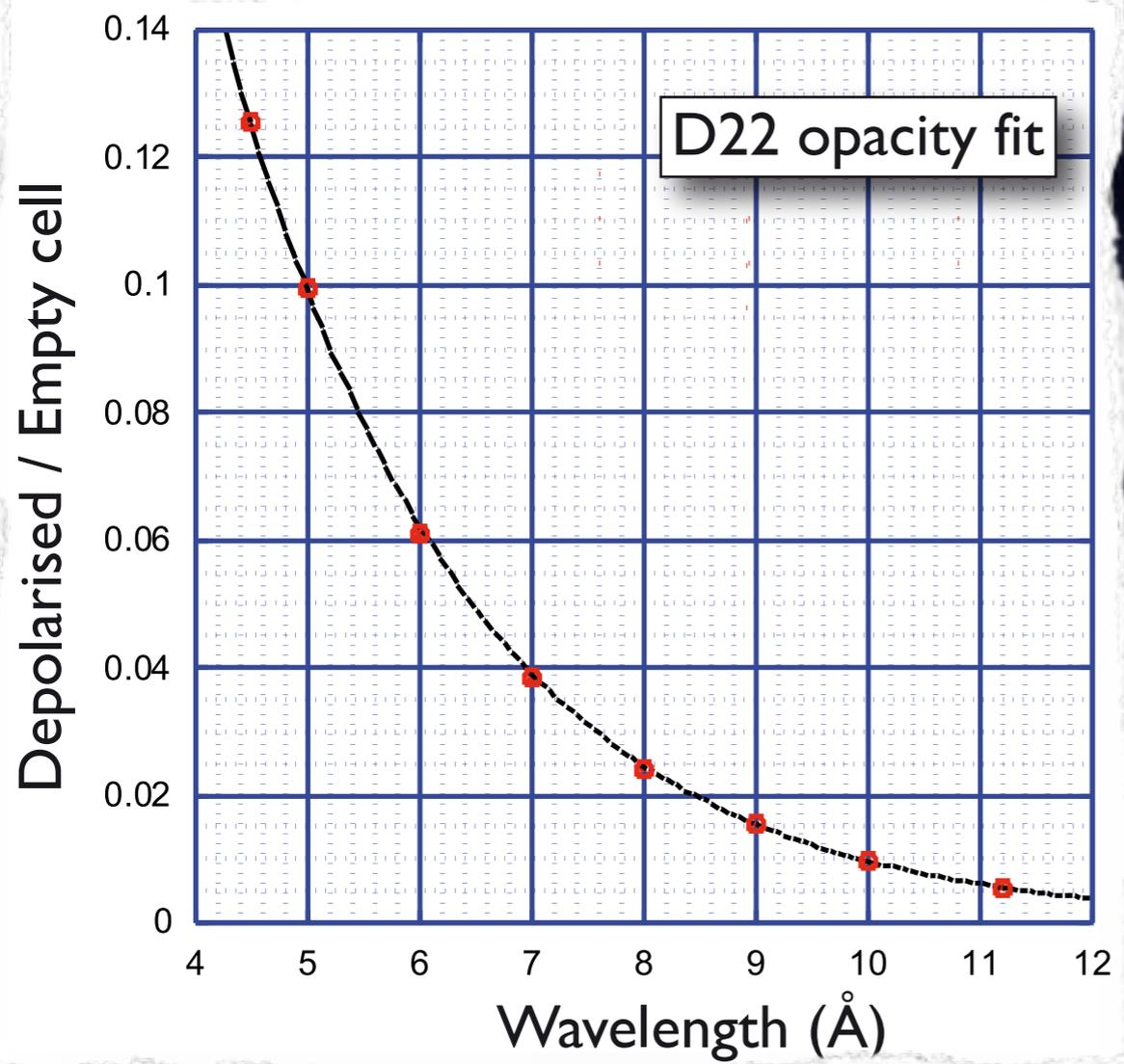
Tyrex is as strong as his father !



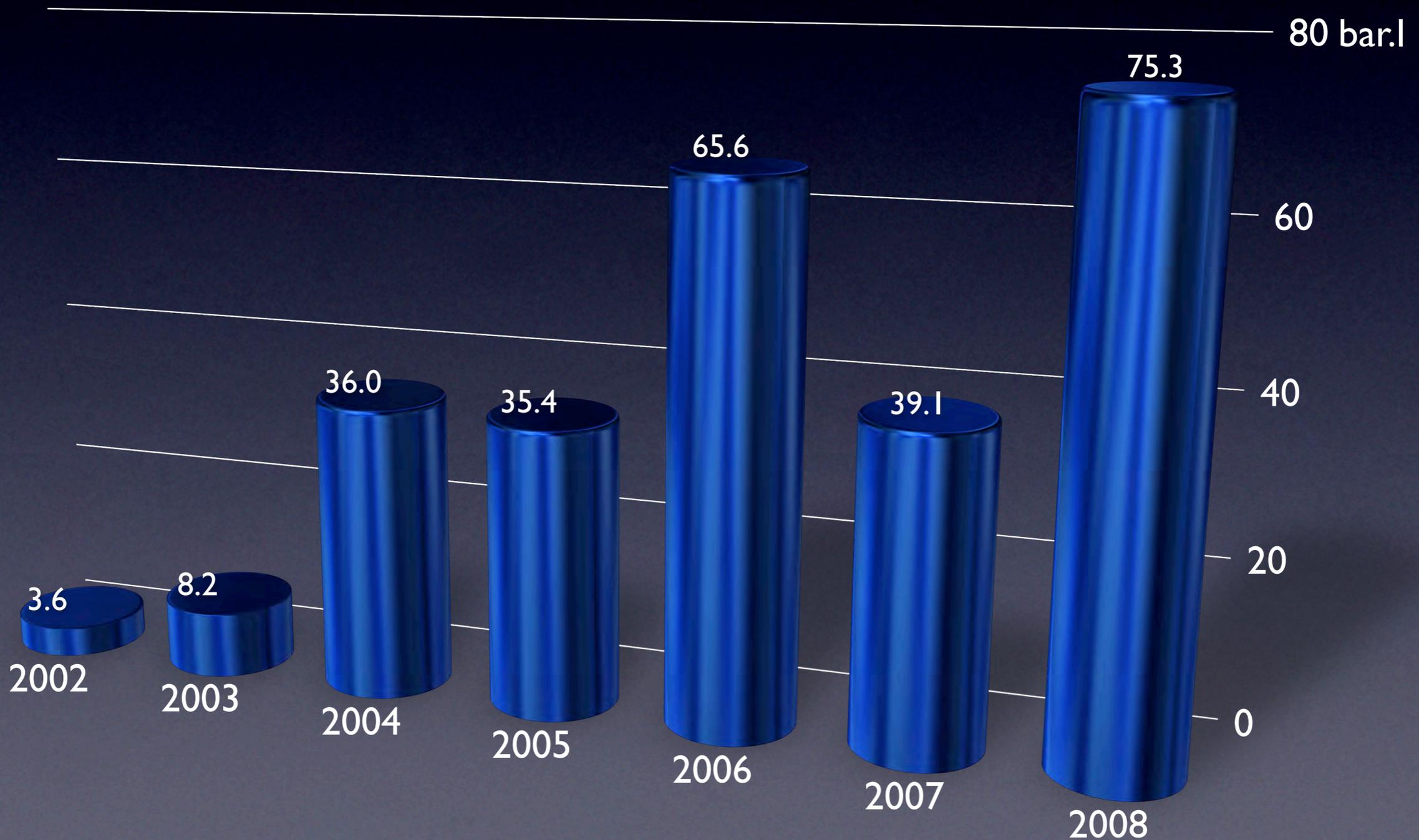
This was my dream.



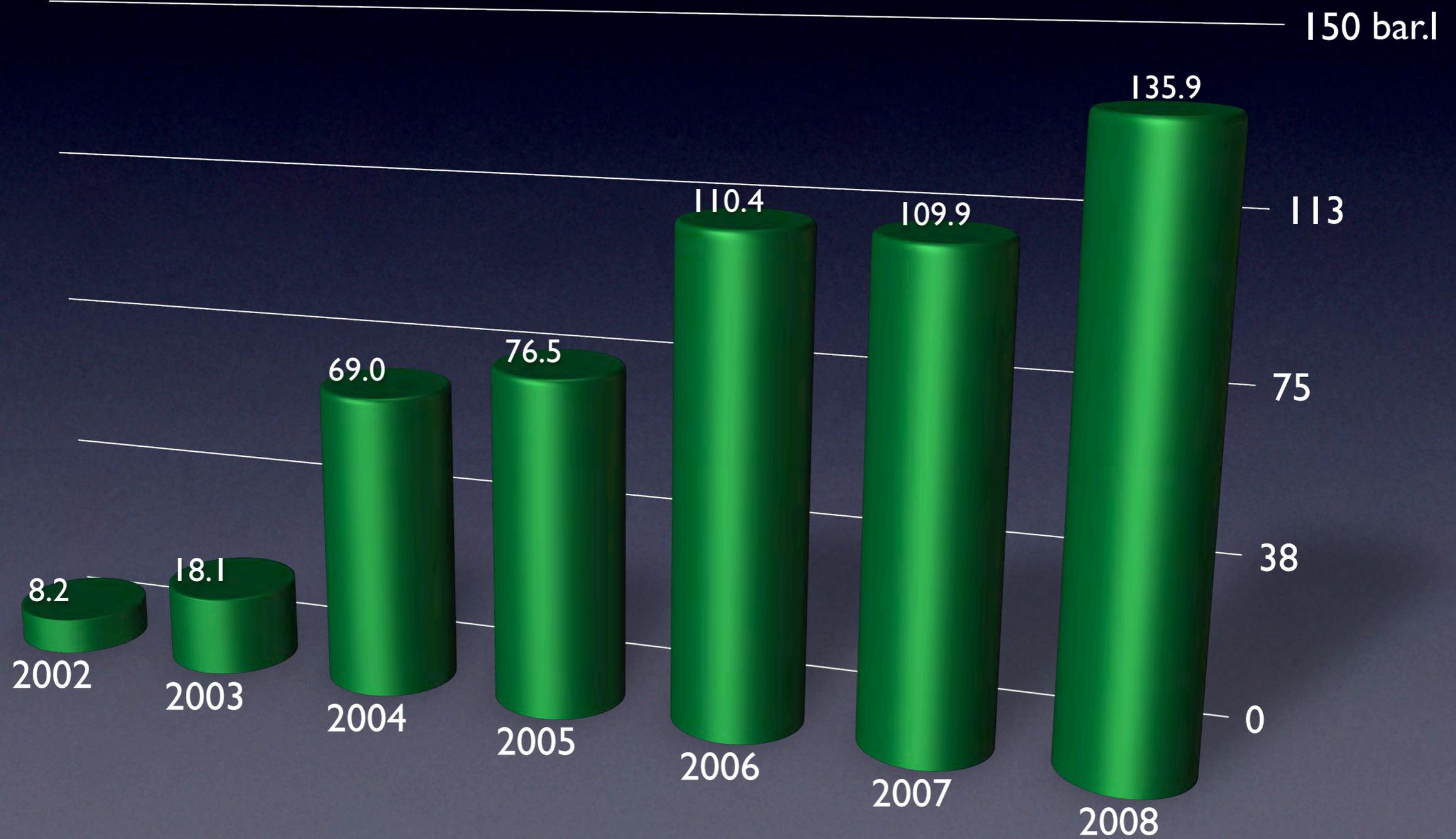
$79.8 \pm 0.3\%$ ^3He polarisation on beam



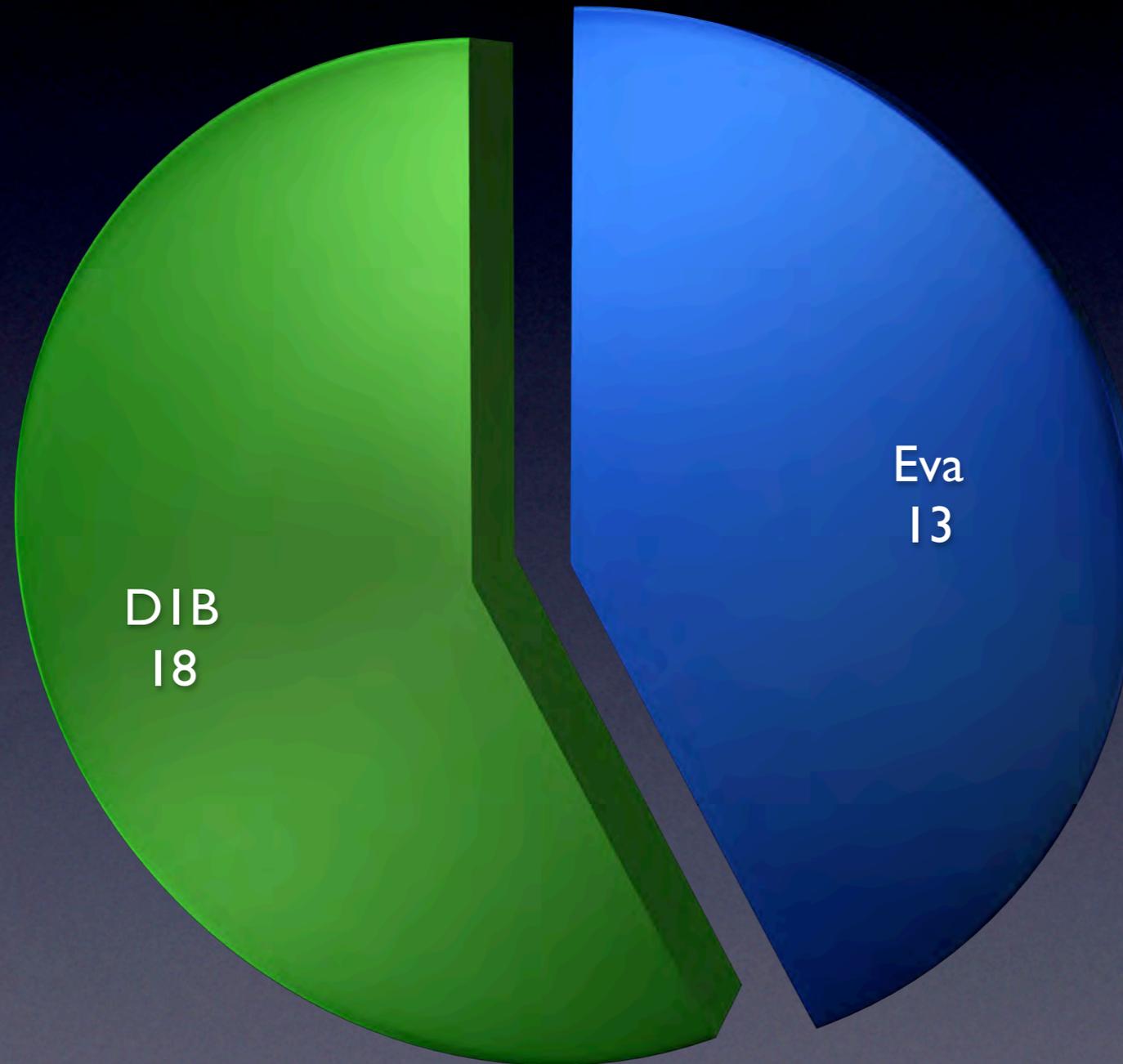
Polarised ^3He production for instruments



Total polarised ^3He production

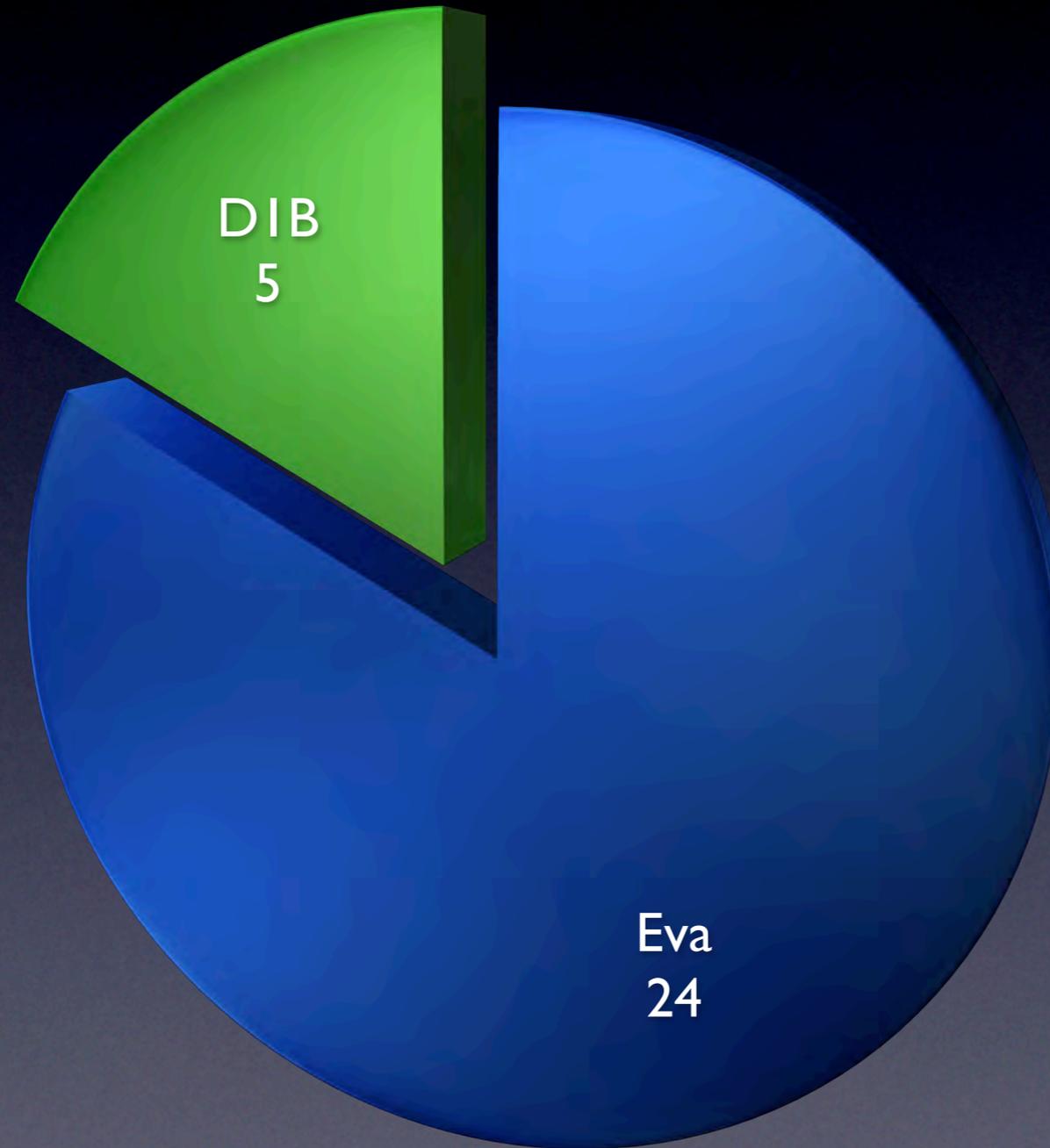


3 experiments in 2002



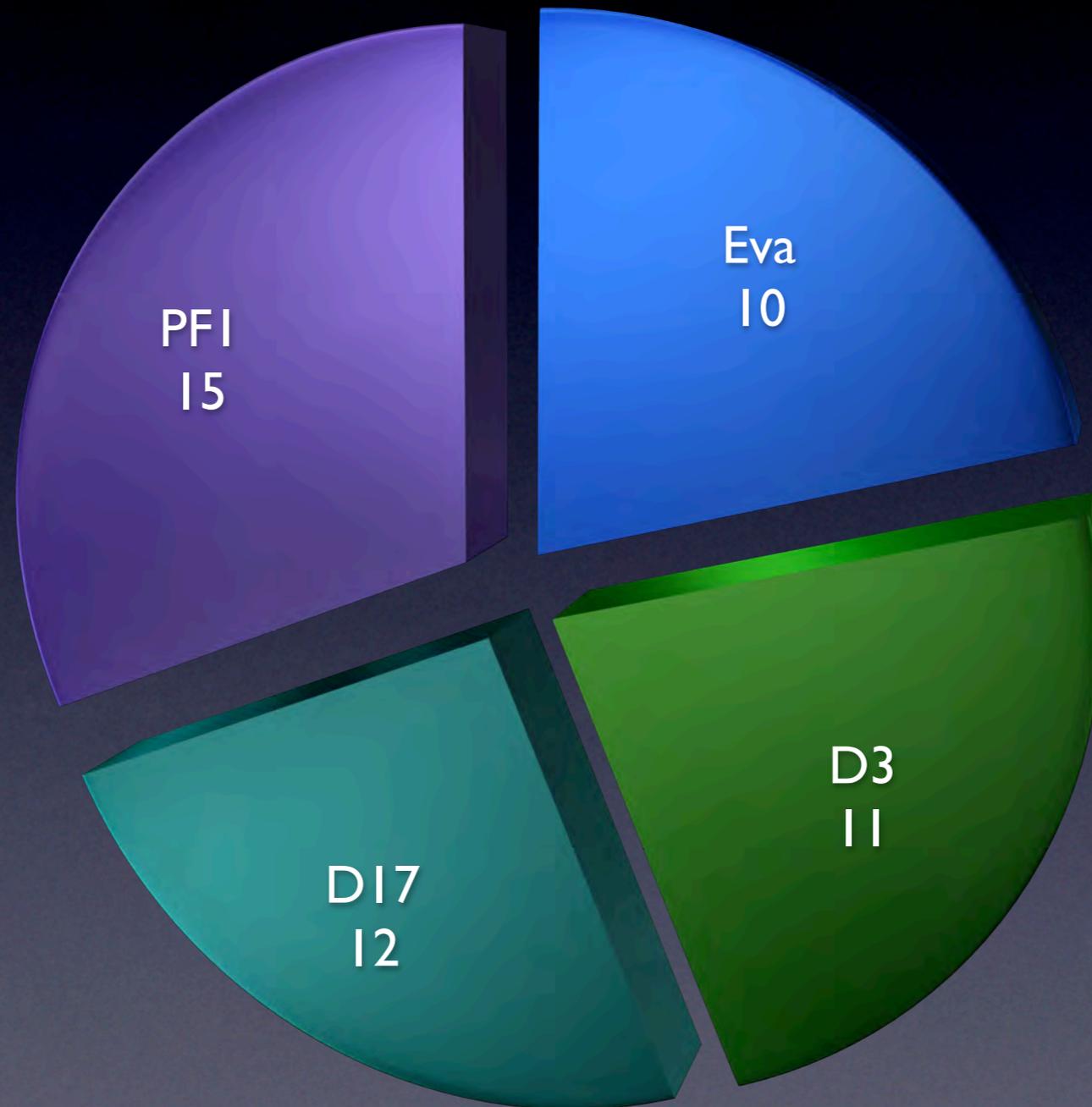
31 cells

6 experiments in 2003



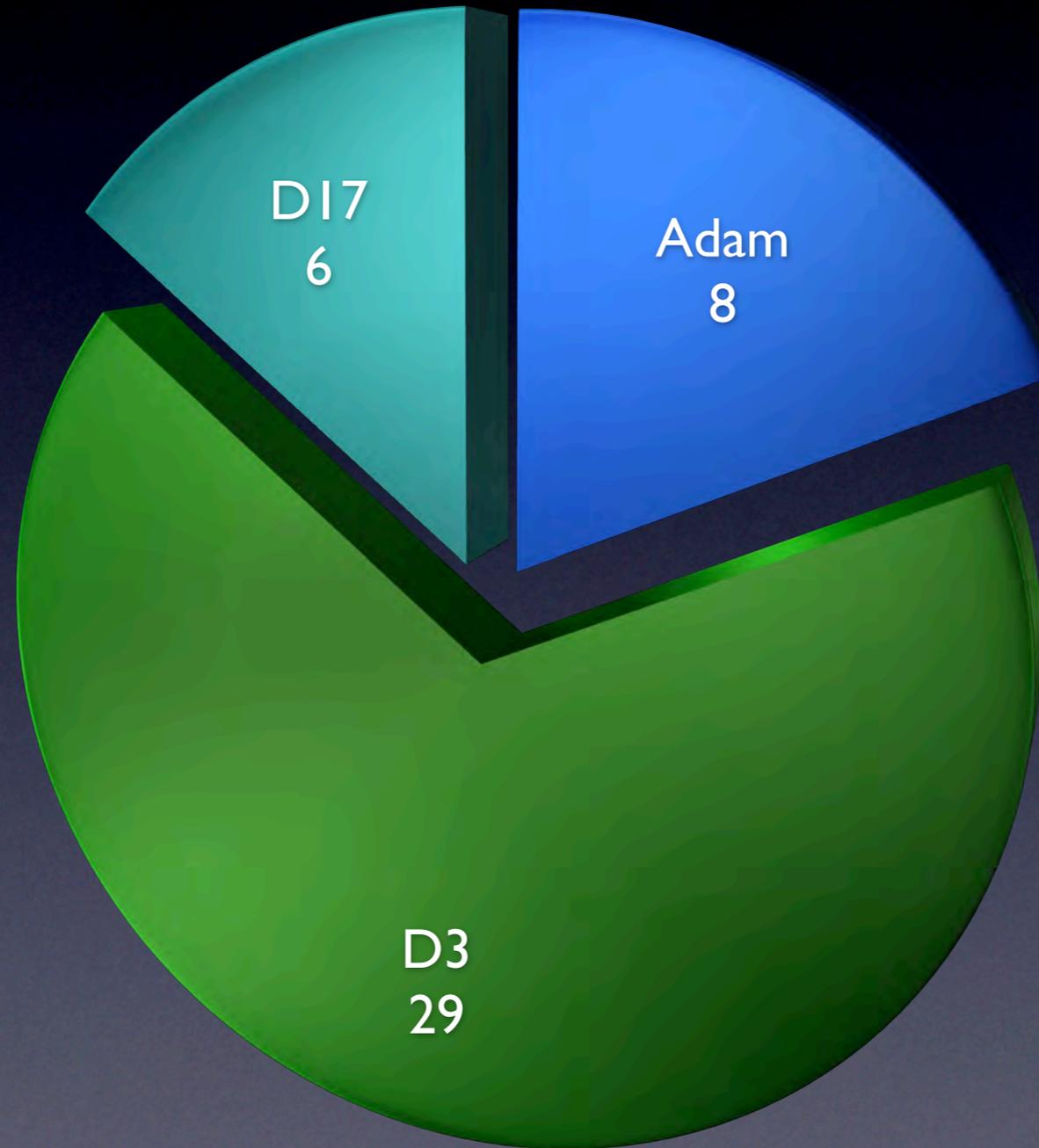
29 cells

8 experiments in 2004



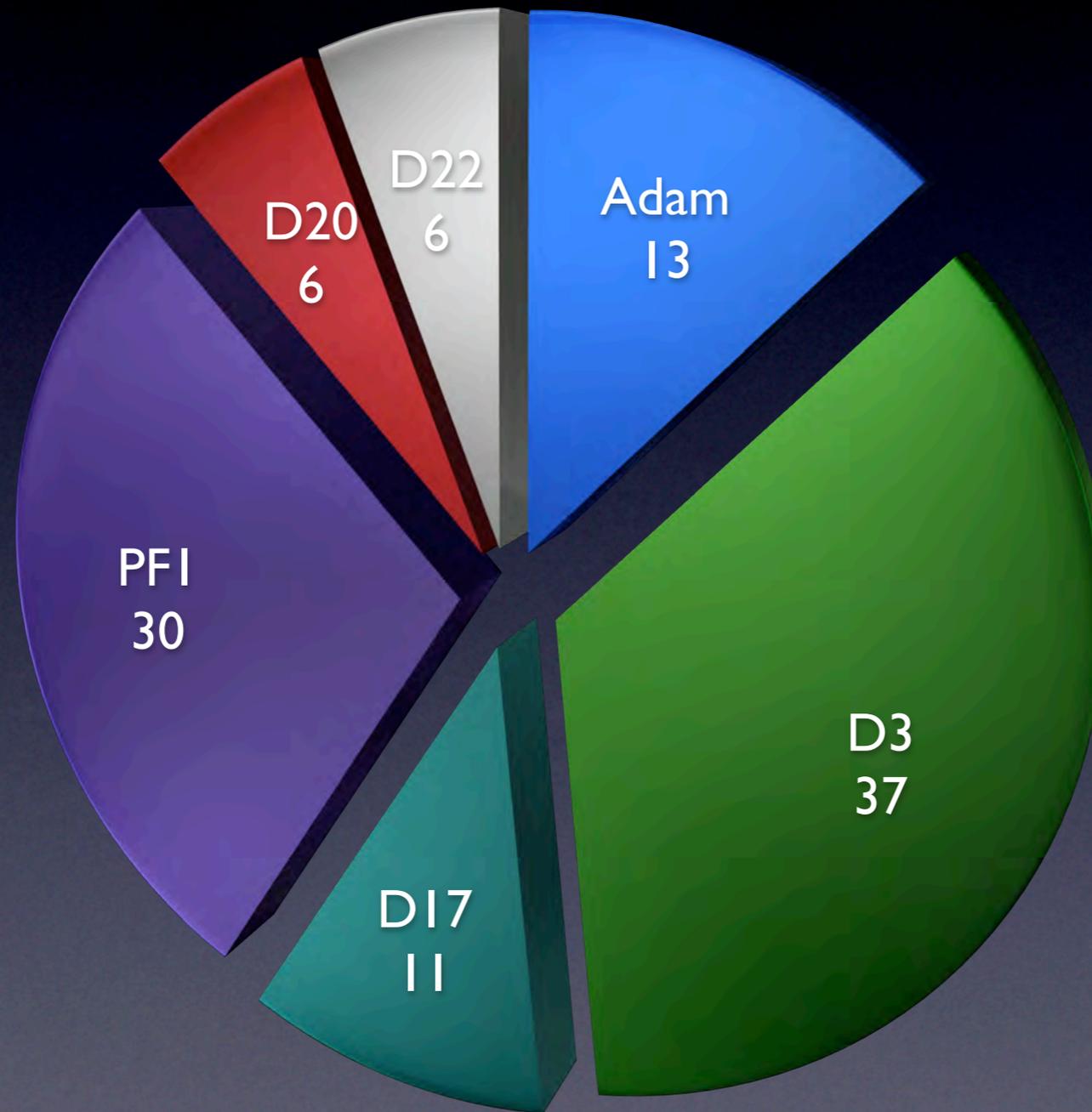
48 cells

8 experiments in 2005



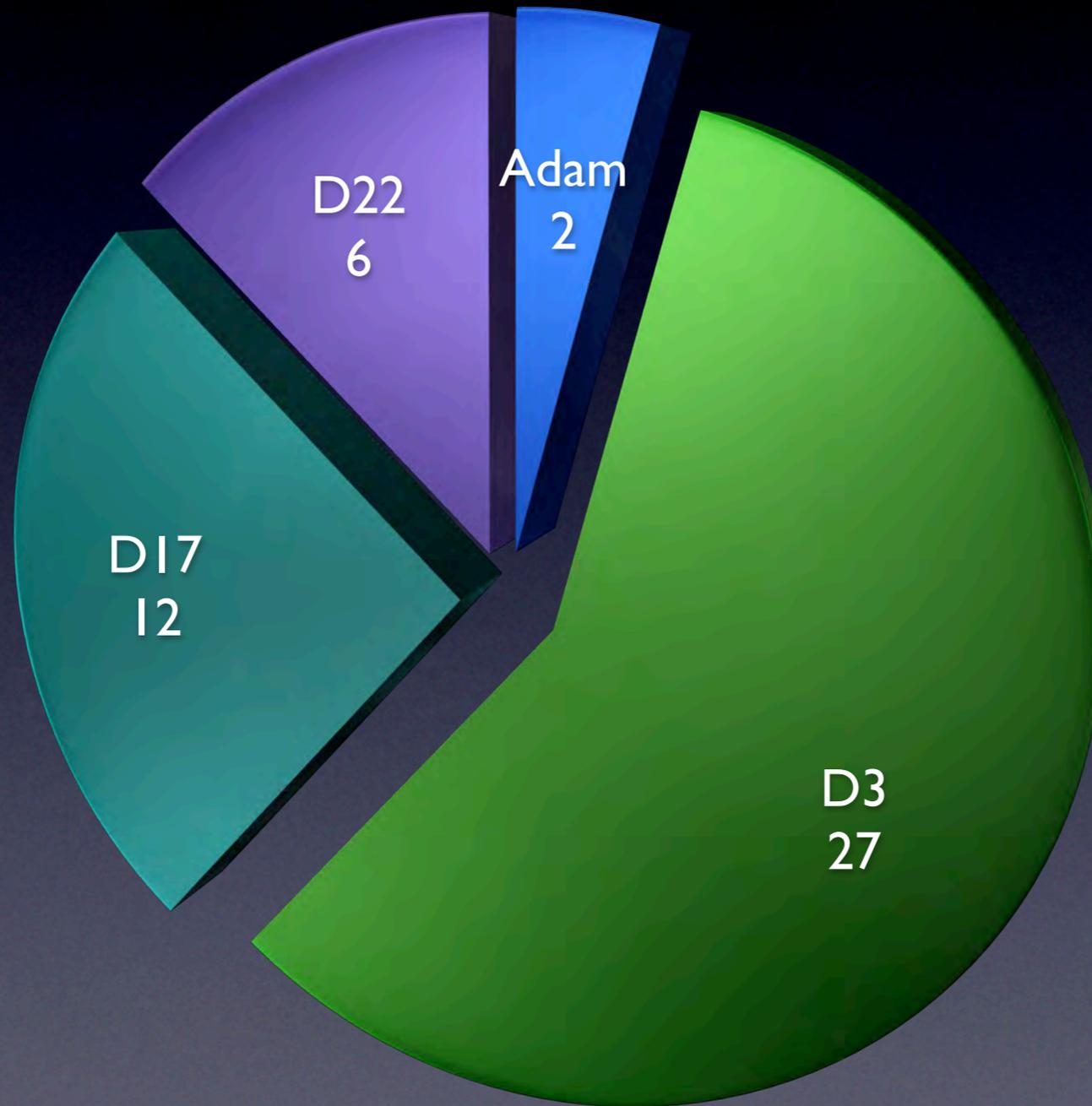
43 cells

15 experiments in 2006



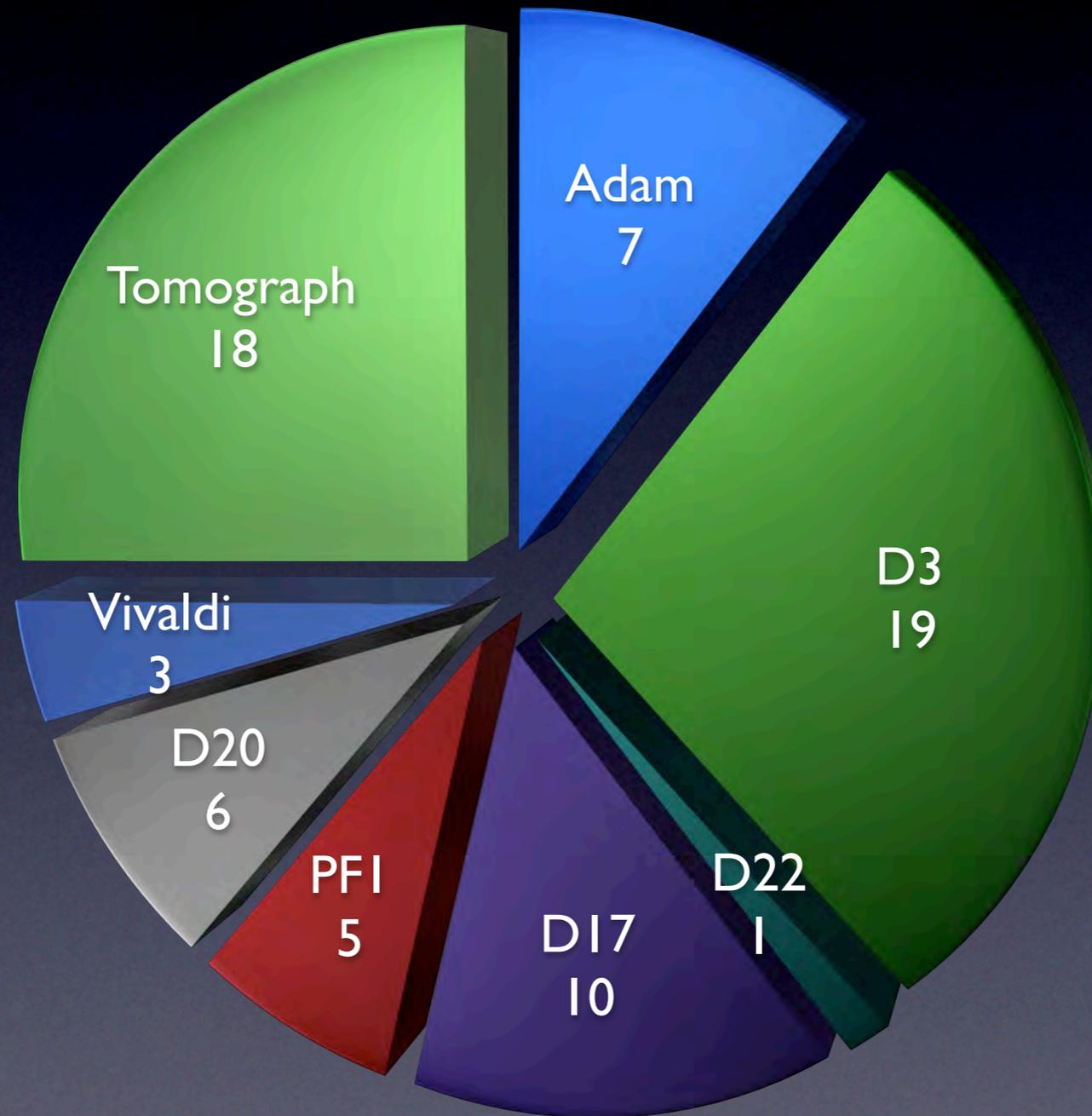
103 cells

12 experiments in 2007



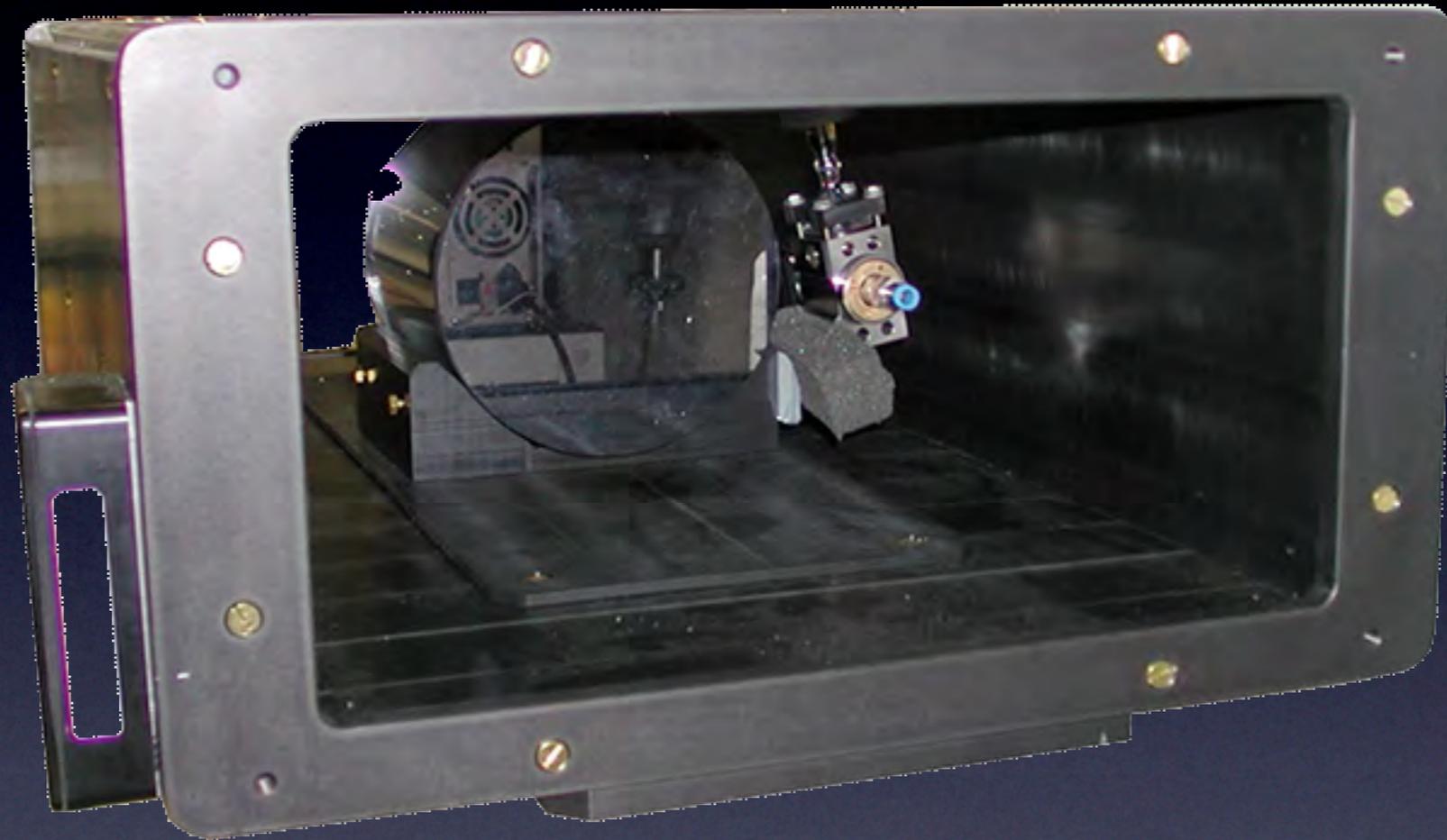
47 cells

16 experiments in 2008



69 cells

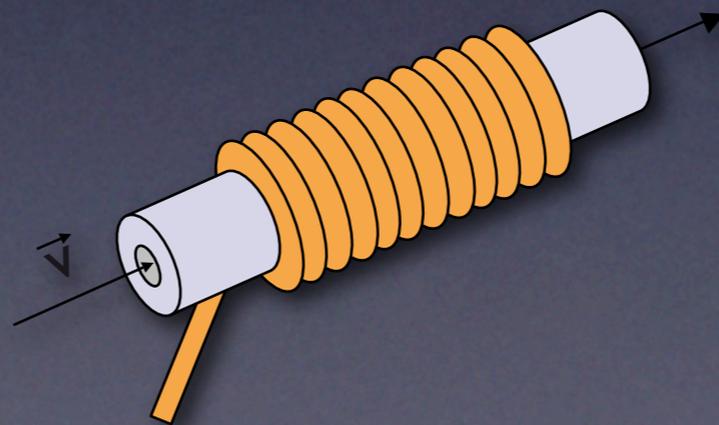
Magic Box



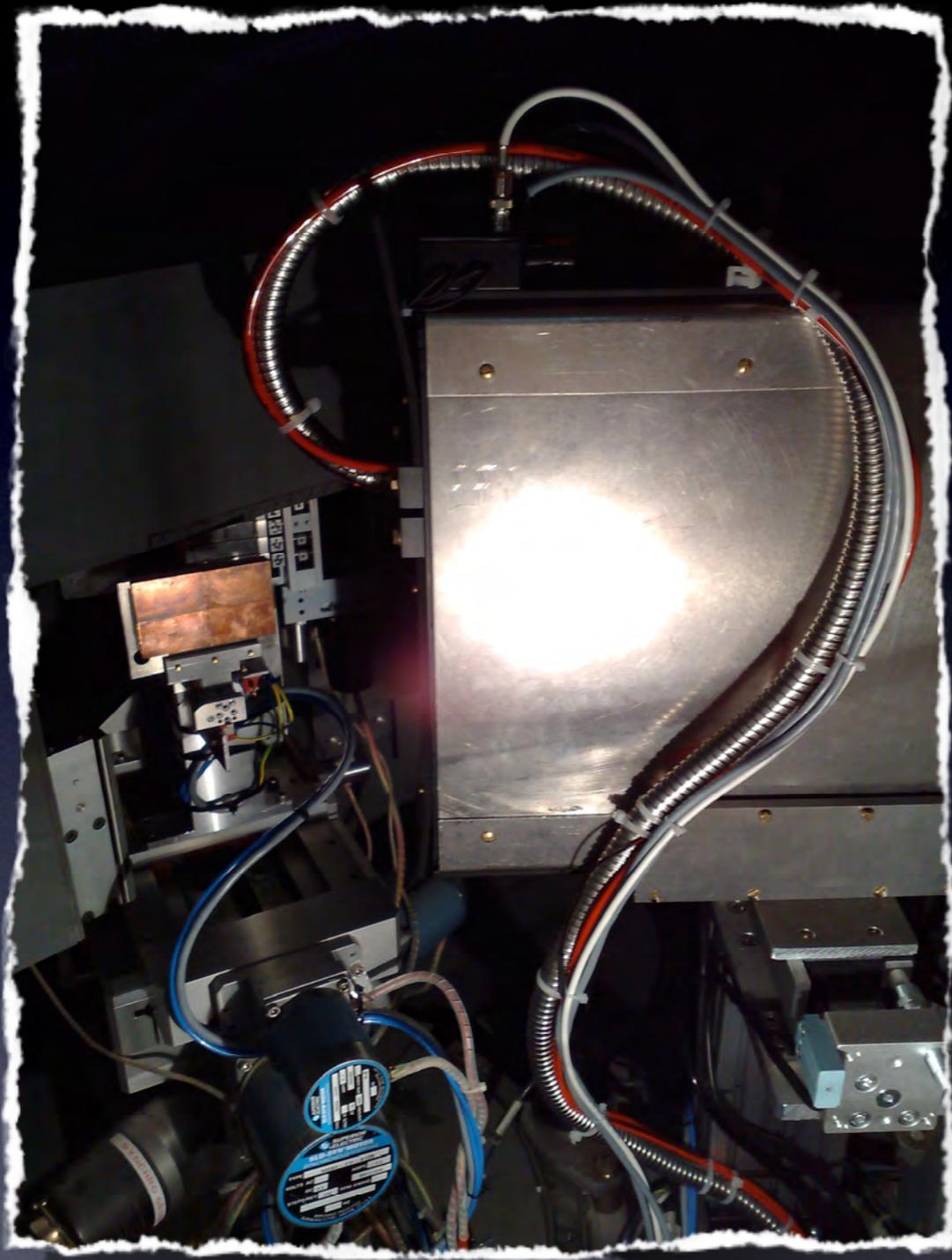
flipper included!

Magnitube

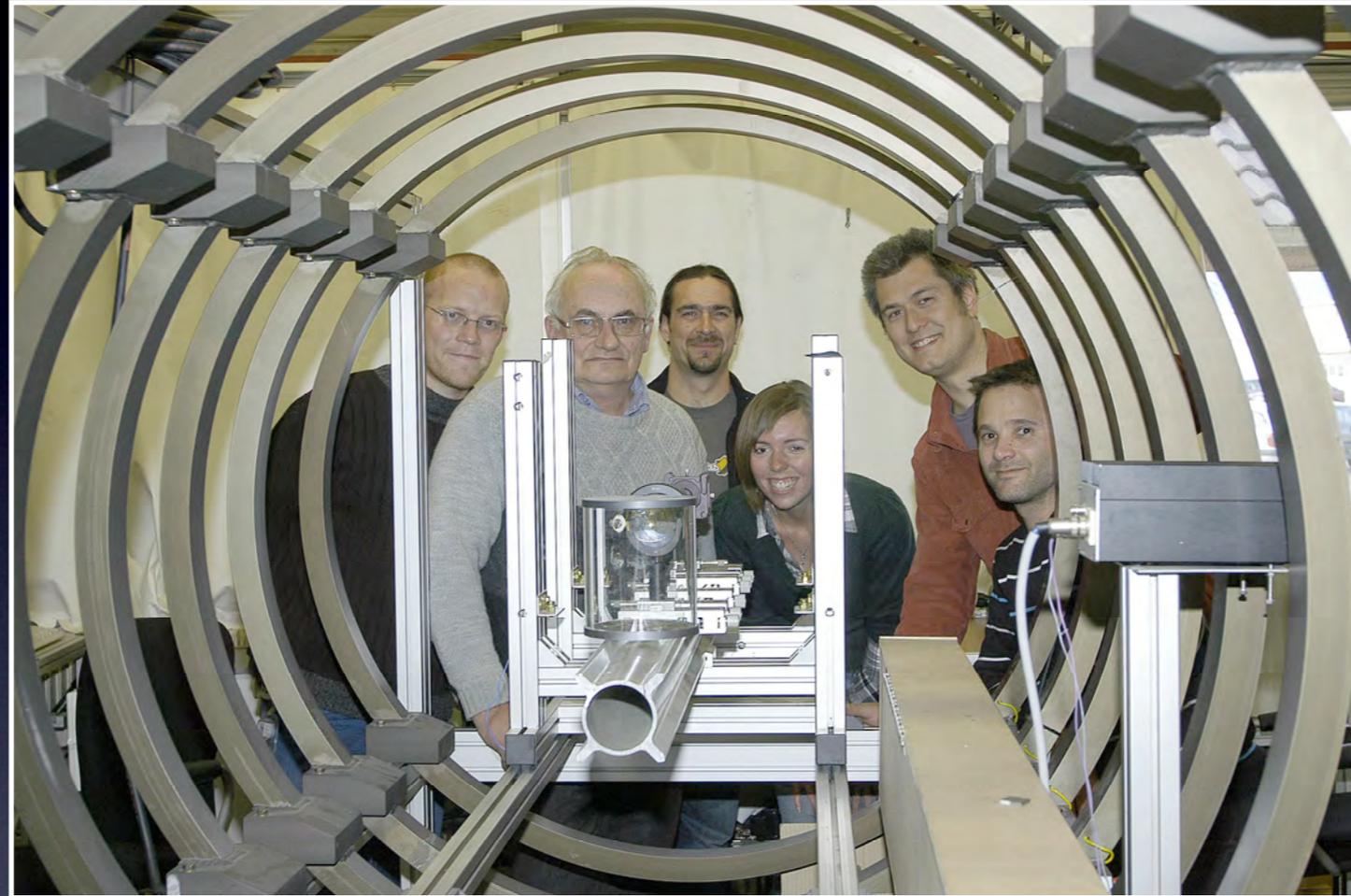
- to transport polarised ^3He gas far far away...
- will we polarise cell remotely ?



Do you remember which instrument we are filling ?



Heuhh, Taipan at ANSTO I believe.



ISIS, ANSTO, who's next ?



Thank
you Francis

