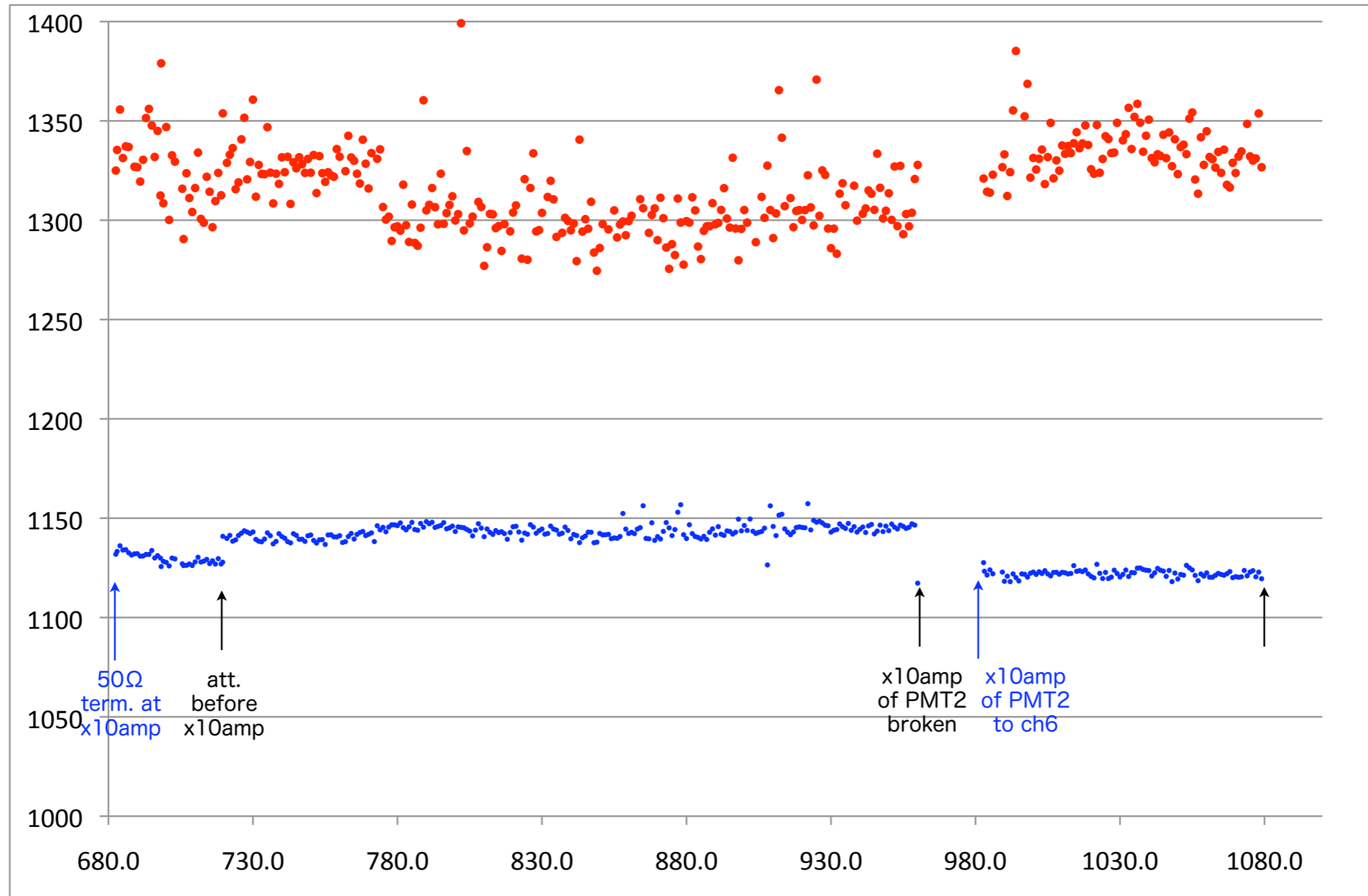


# Scintillation lights in Liquid Xe, 18 Oct.-4 Nov., 2011

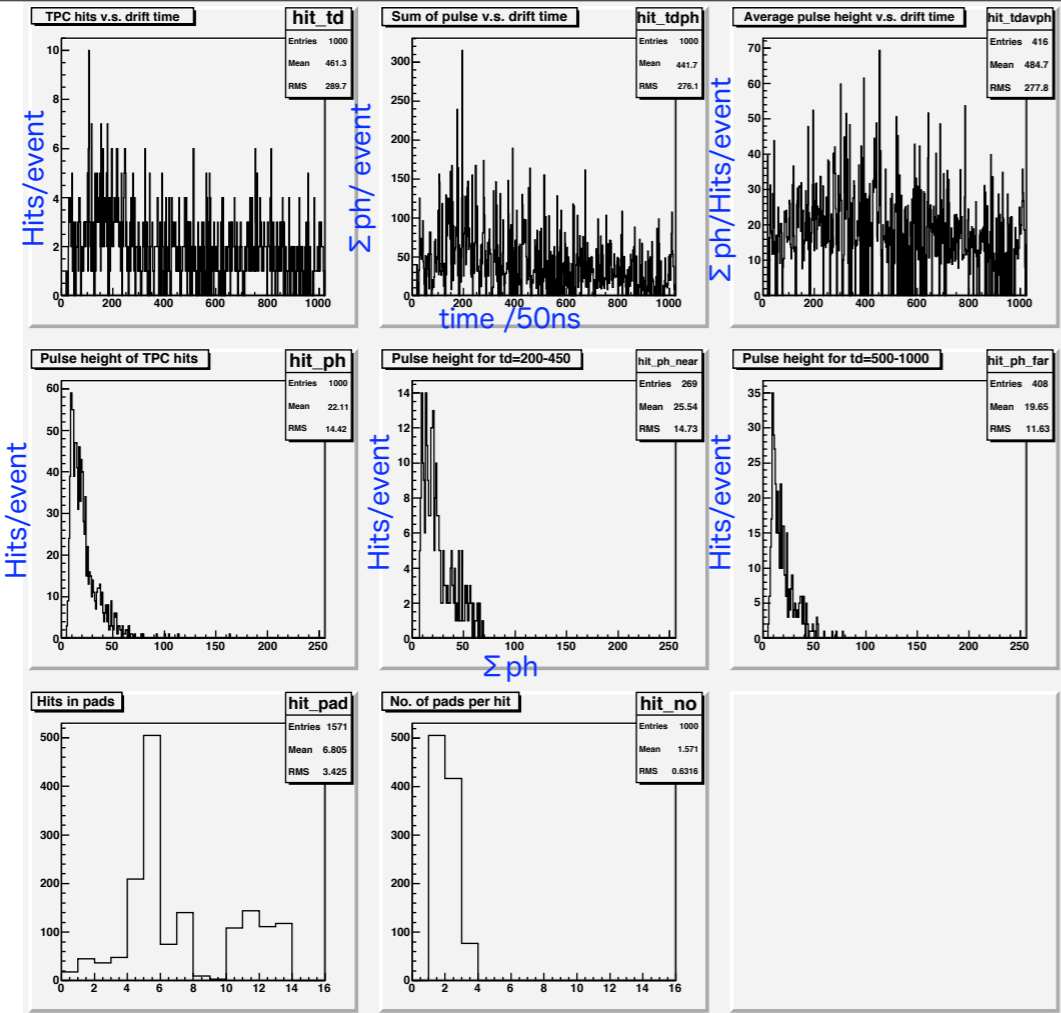


10/18 10/20  
 18:33 7:35  
 683 720

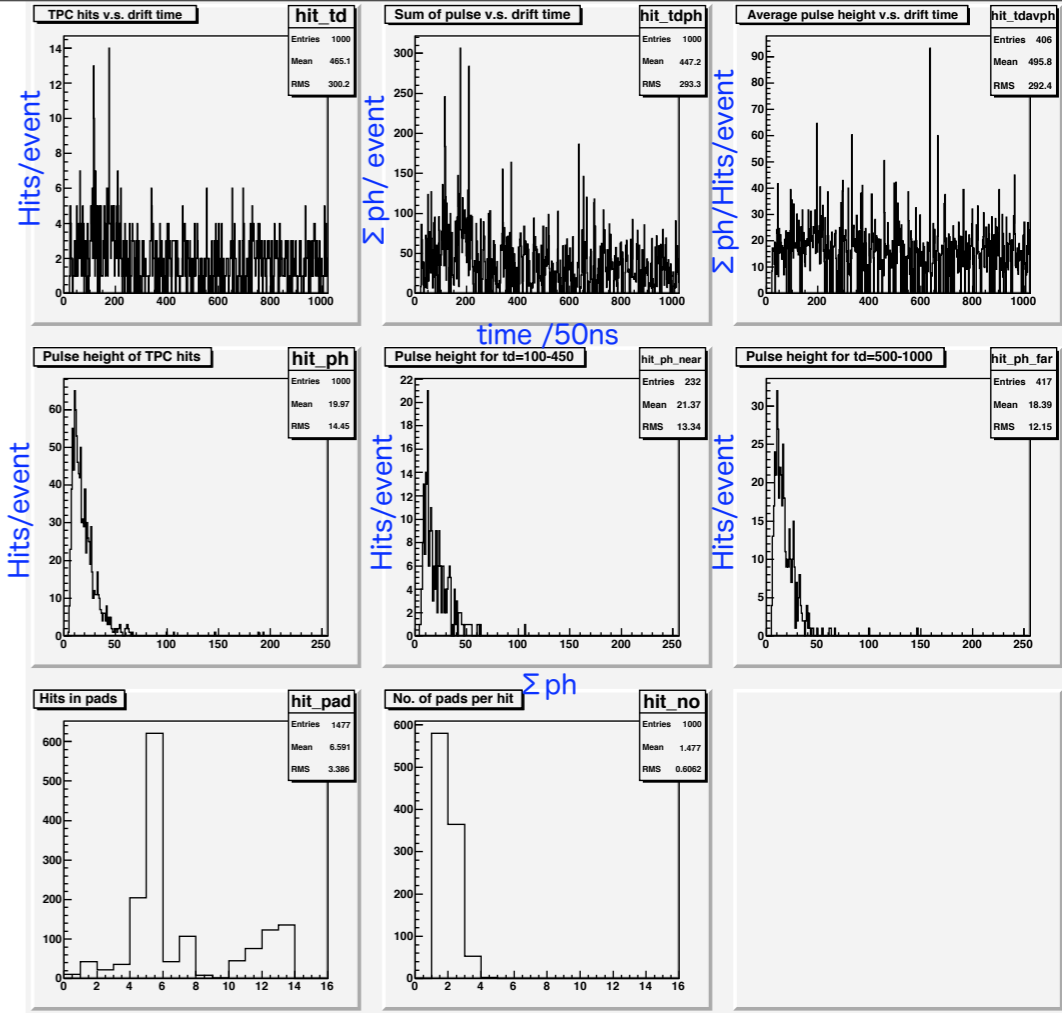
10/30 10/31  
 10:00 7:48  
 961 983

11/4  
 7:41  
 1079

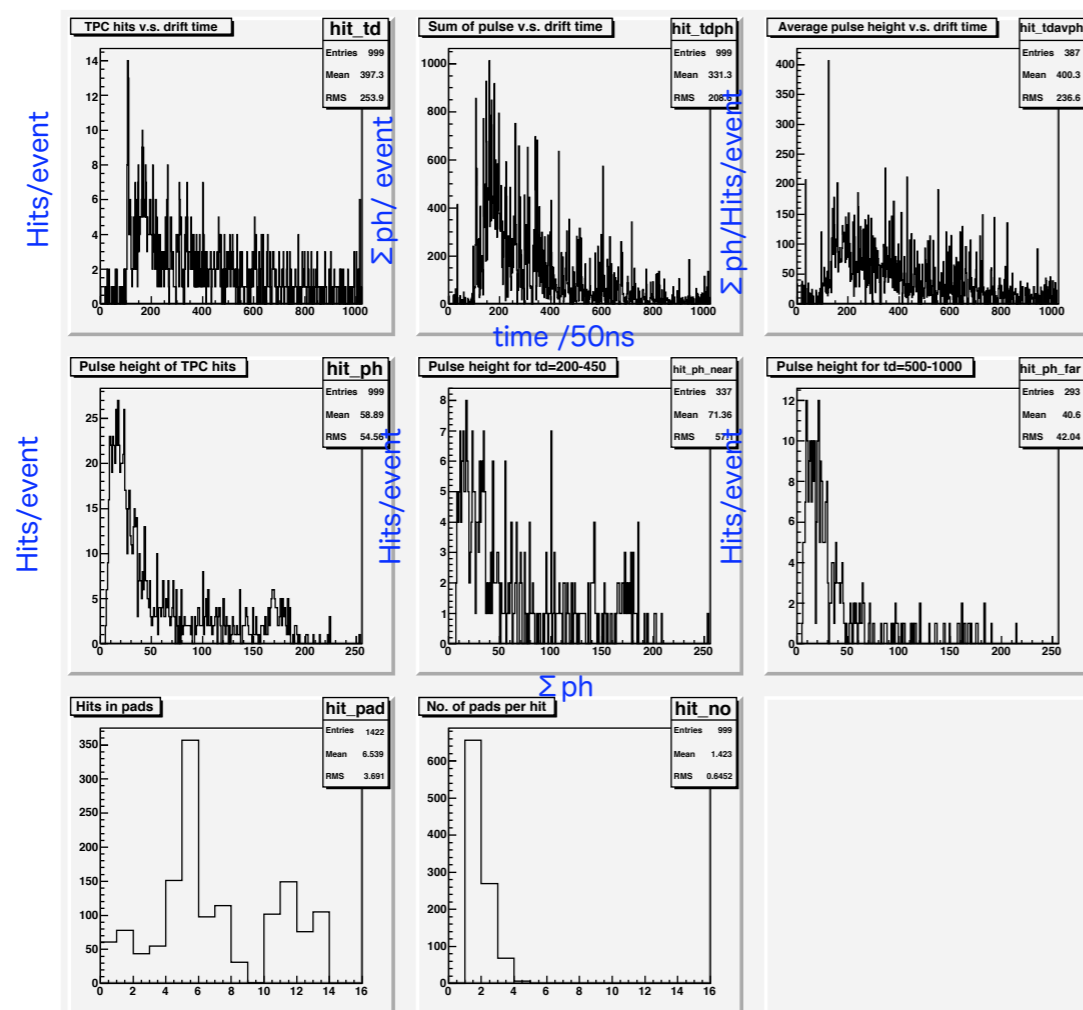
2-fold trig. ;  
2011.11.4  
7:44



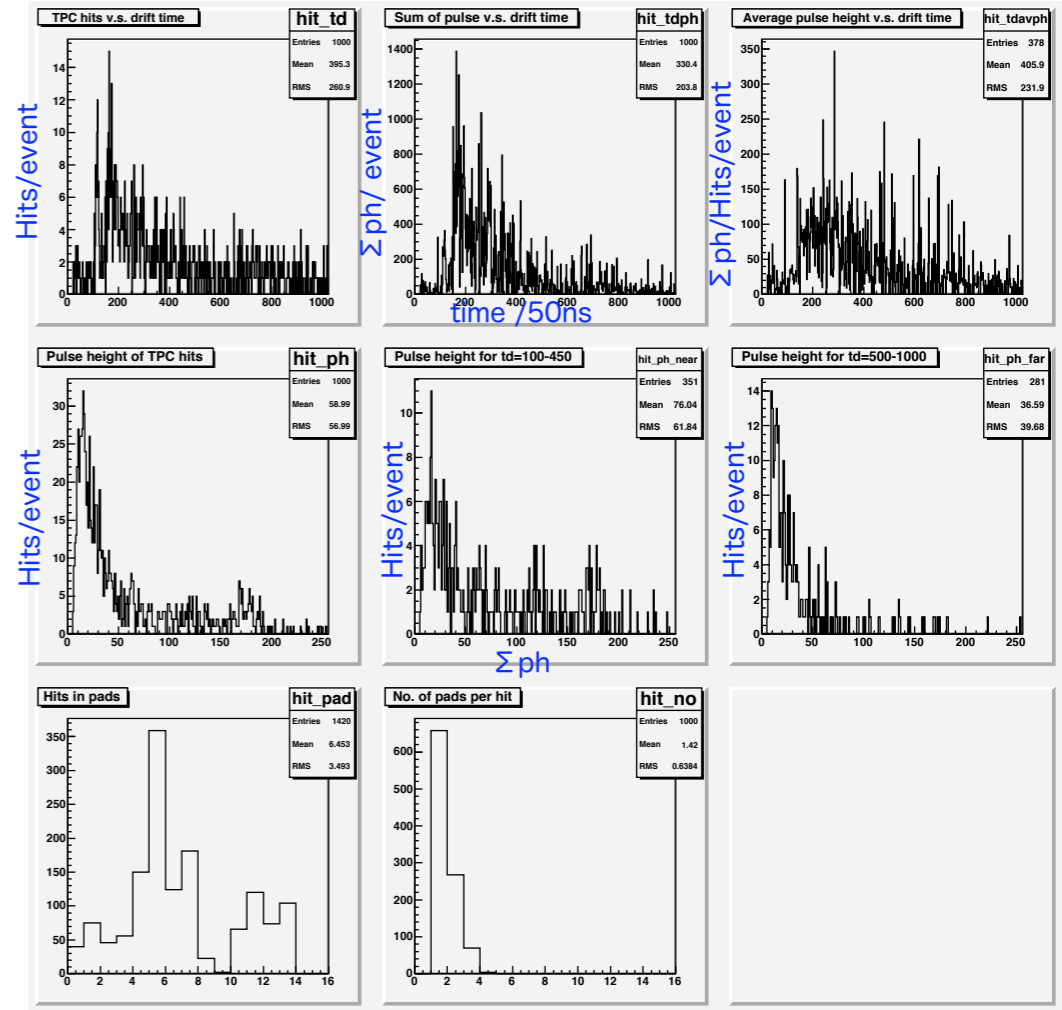
2-fold trig.  
Xe liquid ;  
2011.10.20  
9:1



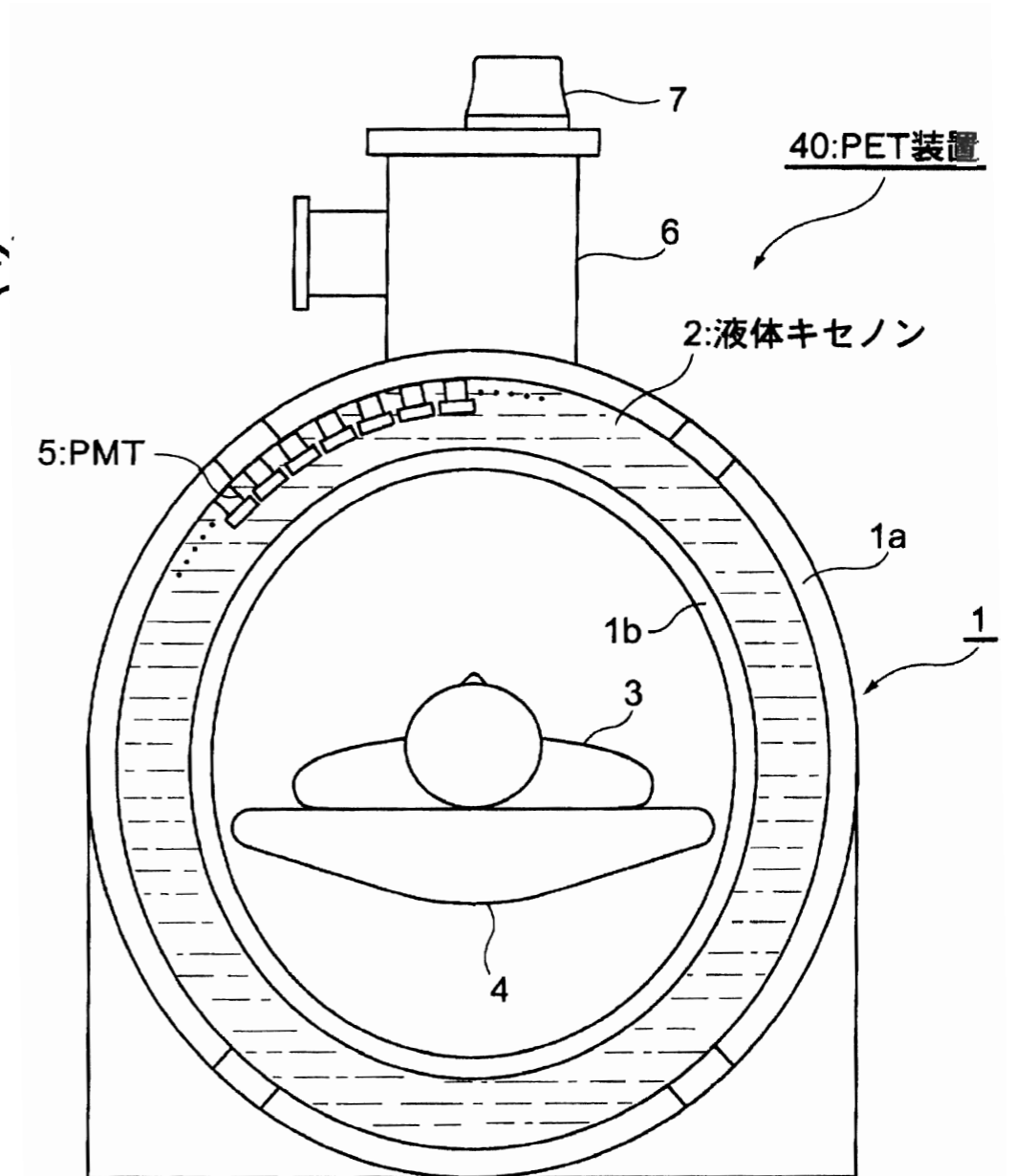
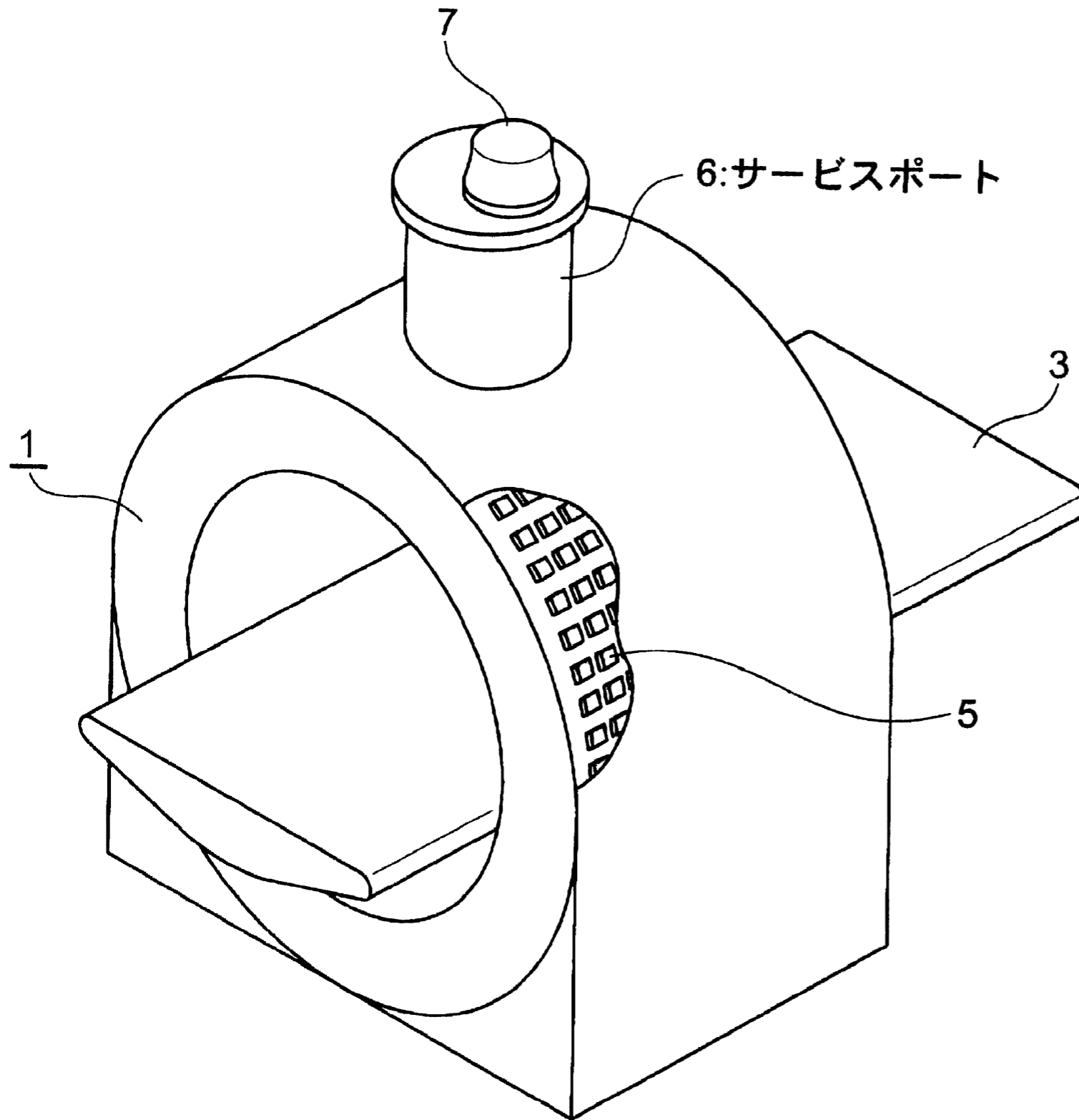
3-fold trig.  
(cosmic)  
Xe liquid ;  
2011.11.4  
7:53



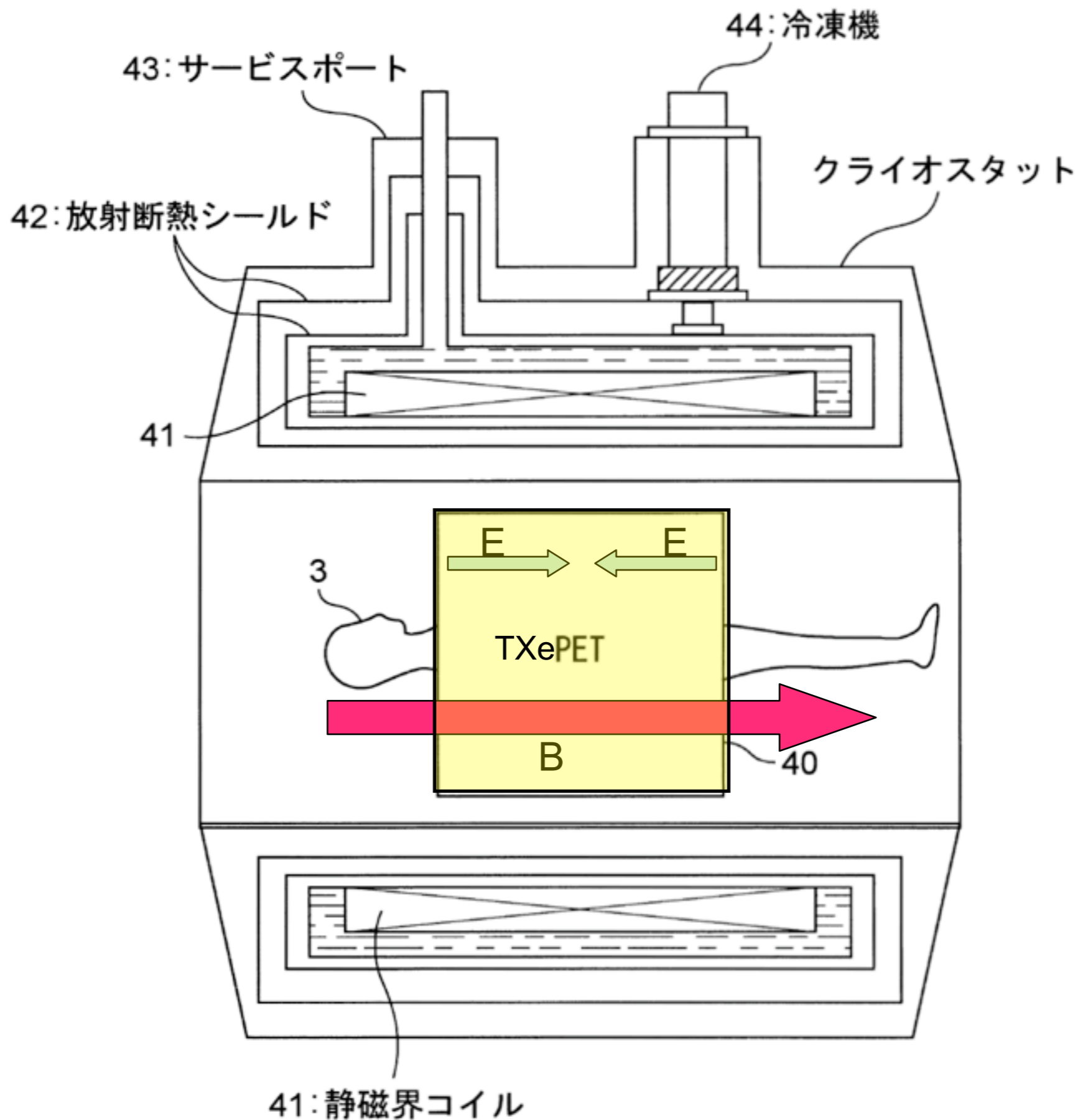
3-fold trig.  
(cosmic)  
Xe liquid ;  
2011.10.20  
7:38

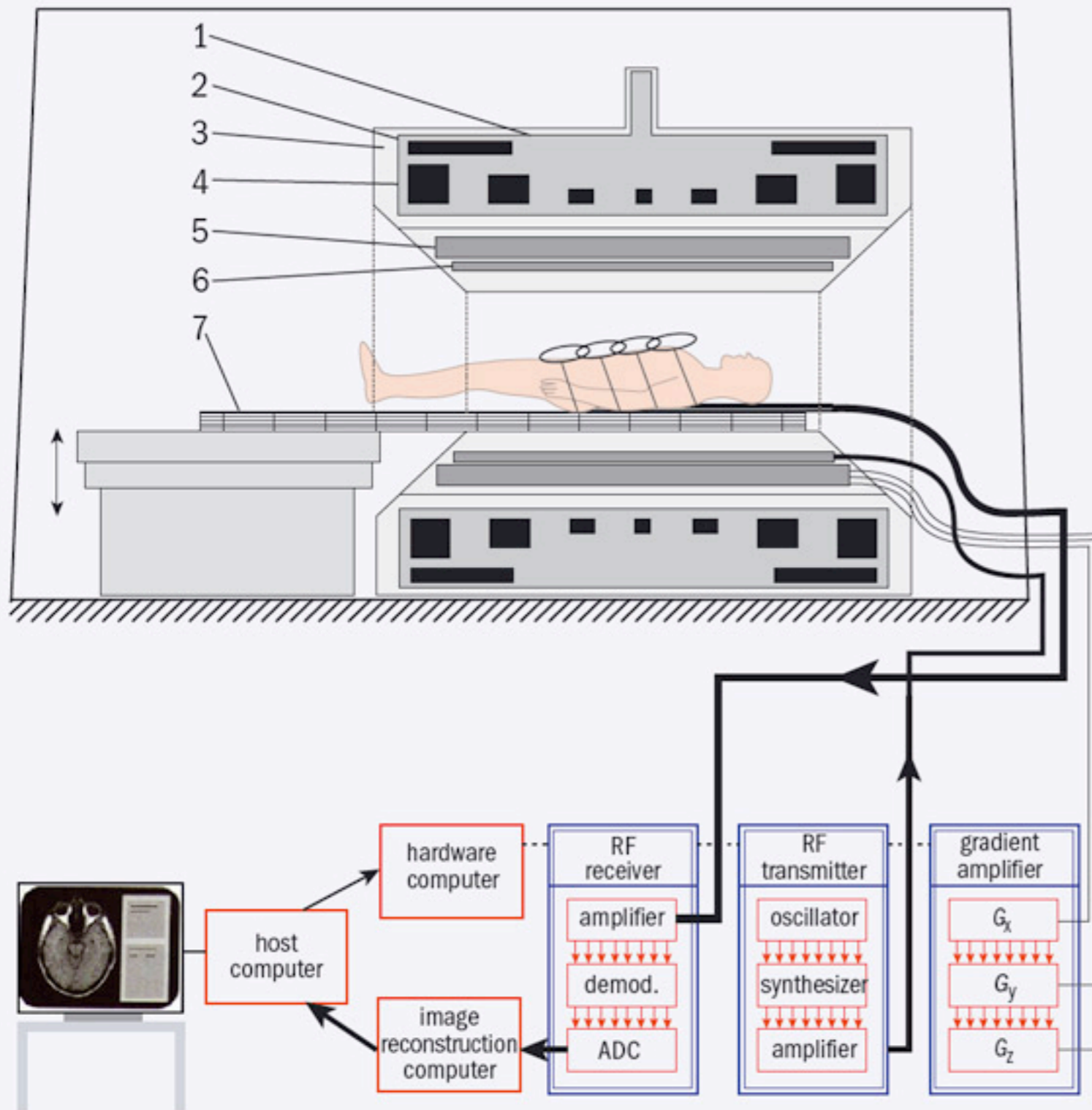


# TXePETイメージ (液体キセノン検出装置のみ)



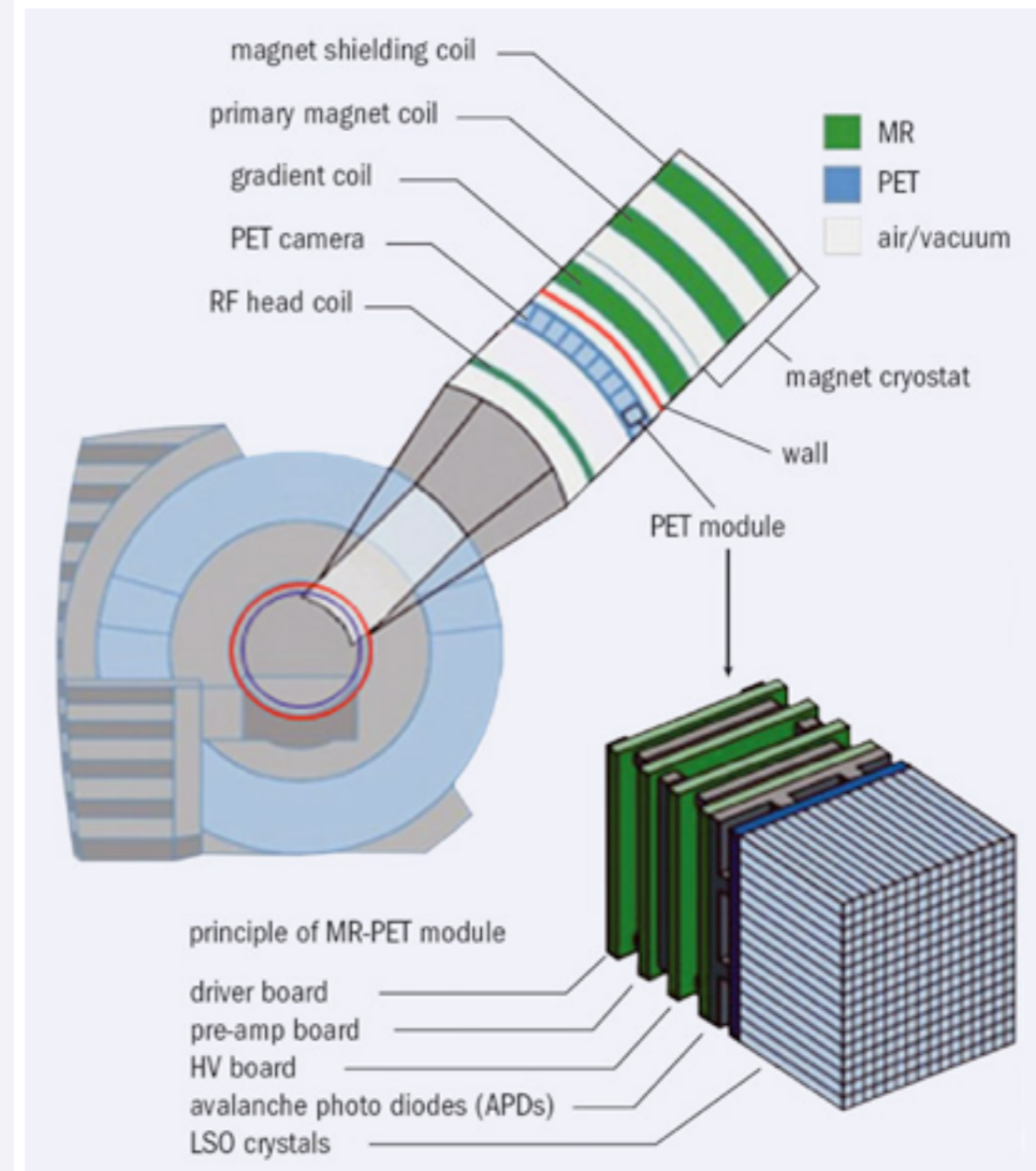
# MRIとPETとの併用可能





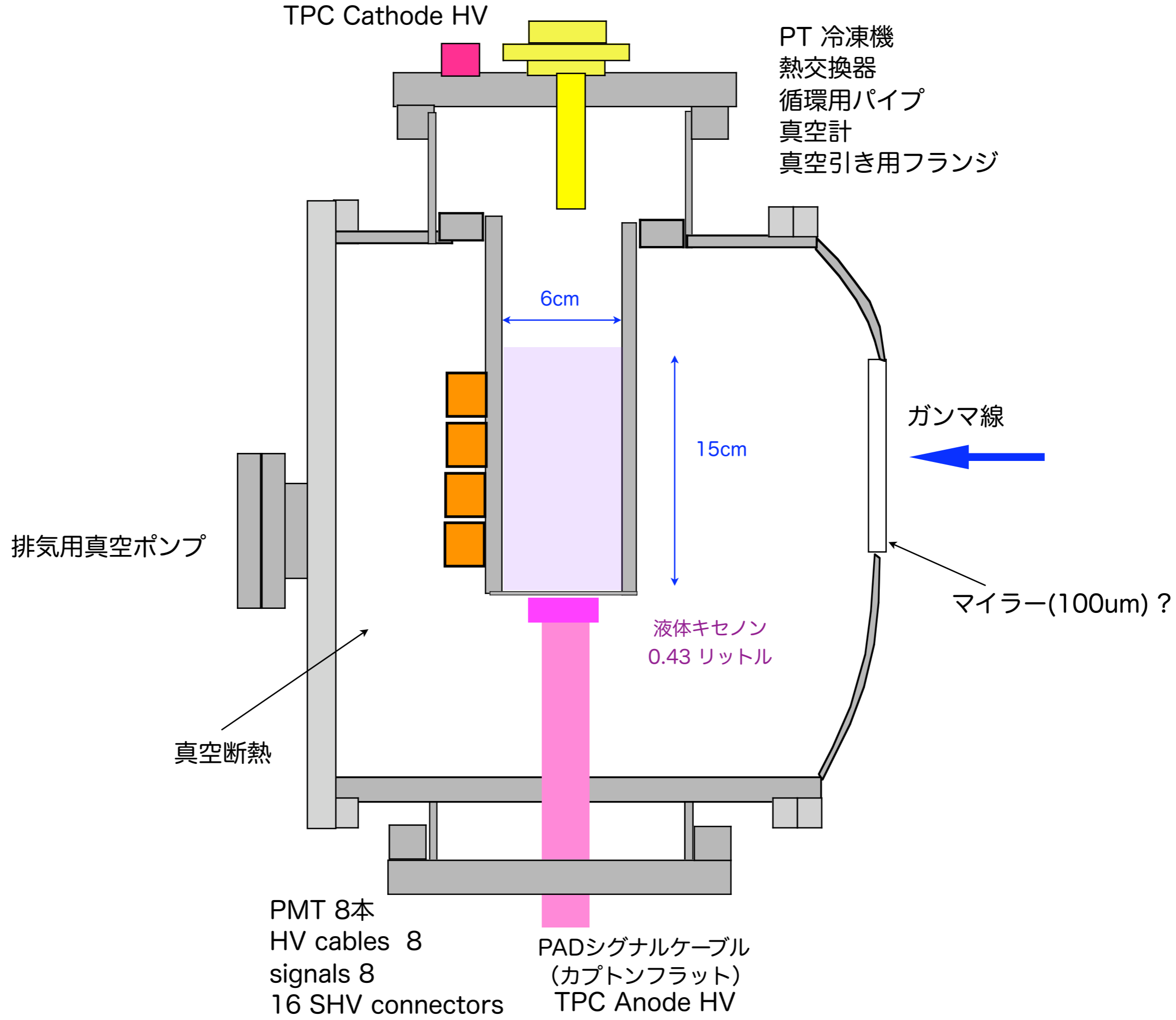
**Fig. 1. Illustration of a general MRI imaging system (adapted from Bock 2008); 1 is the cryotank containing liquid helium, 2 is the active magnetic shielding, 3 is a vacuum tank, 4 the B<sub>0</sub> coil, 5 are the gradient coils and 6 the RF body coil, while 7 is the couch. The elements positioned on the patient represent various RF-receiver body coils.**

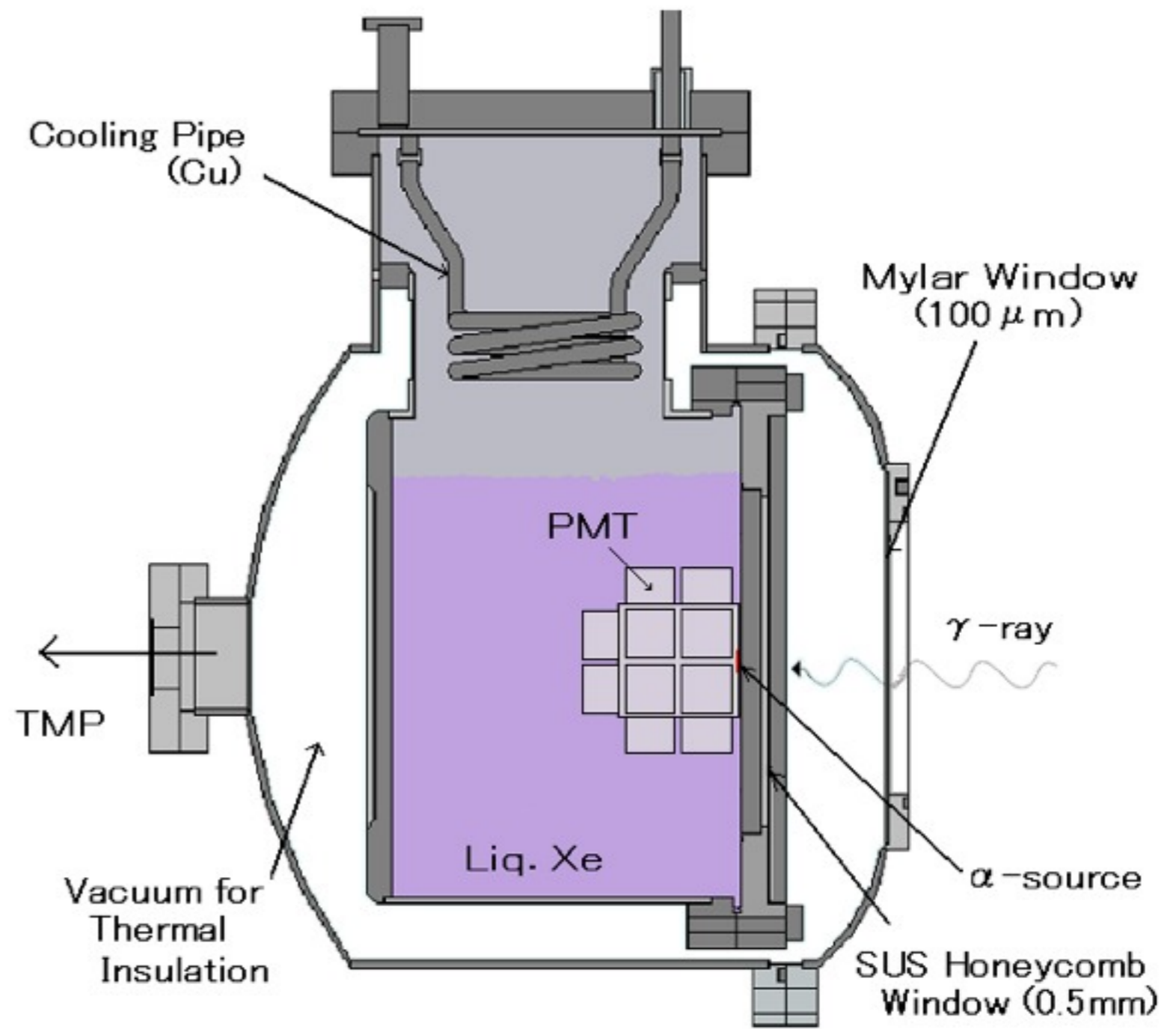
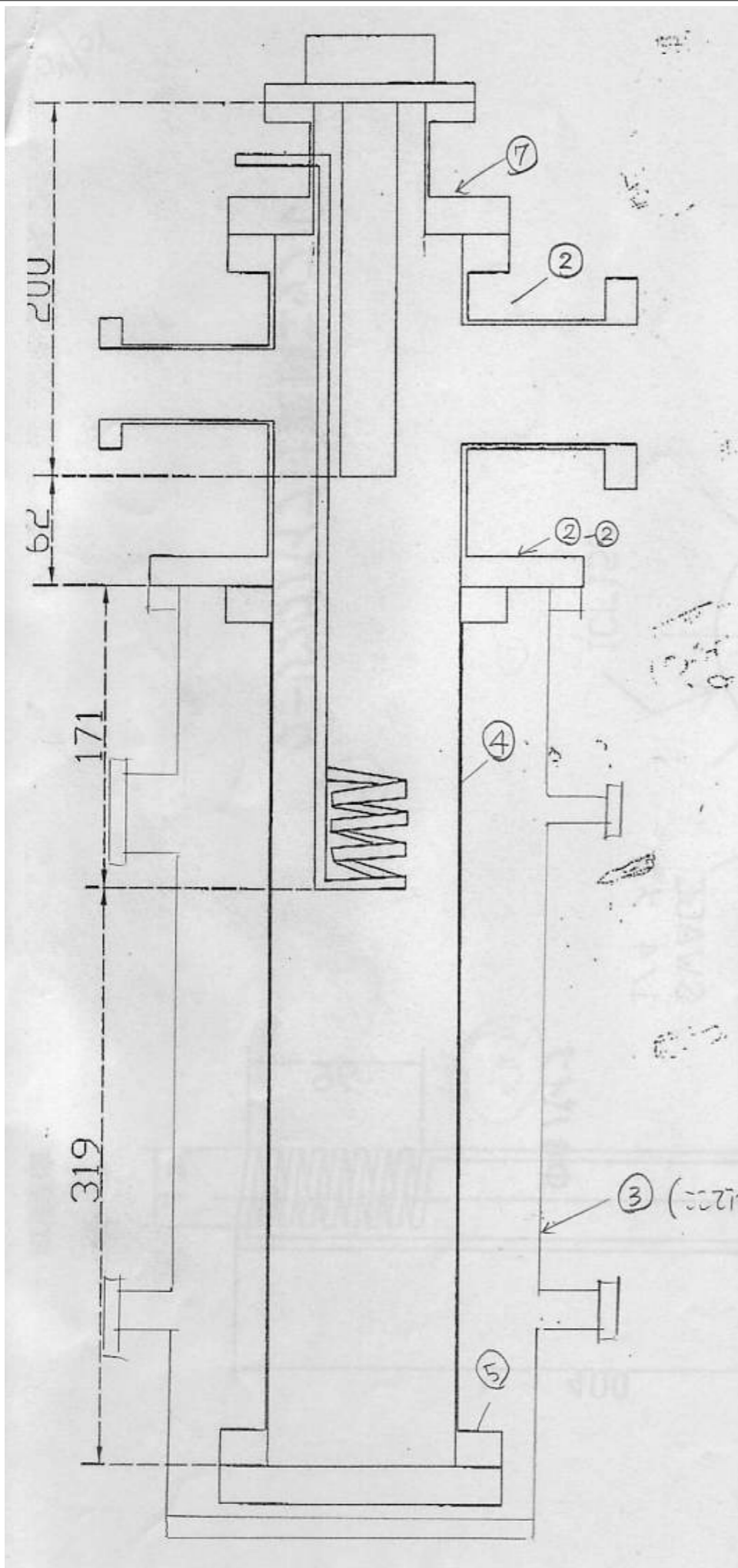
**Image credit: Springer Science+ Business Media: Magnetic Resonance Tomography by M F Reiser, W Semmlar and H Hricak (eds) 2008 p77.**



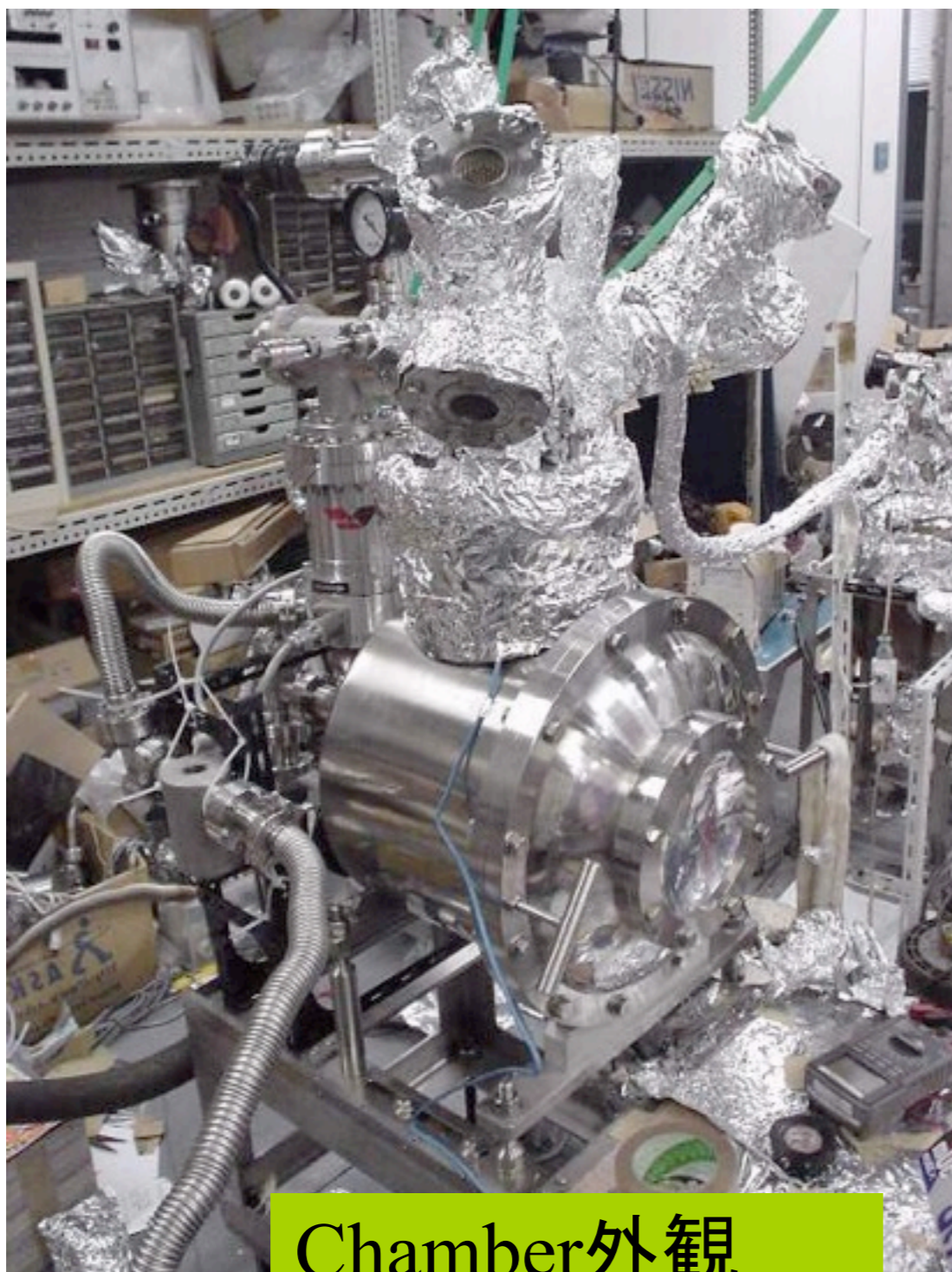
**Fig. 3. Schematic of the Siemens whole-body PET/MRI scanner.**

**Image credit: Siemens Healthcare. Based on the diagram in Medical Solutions September 2005 p28.**

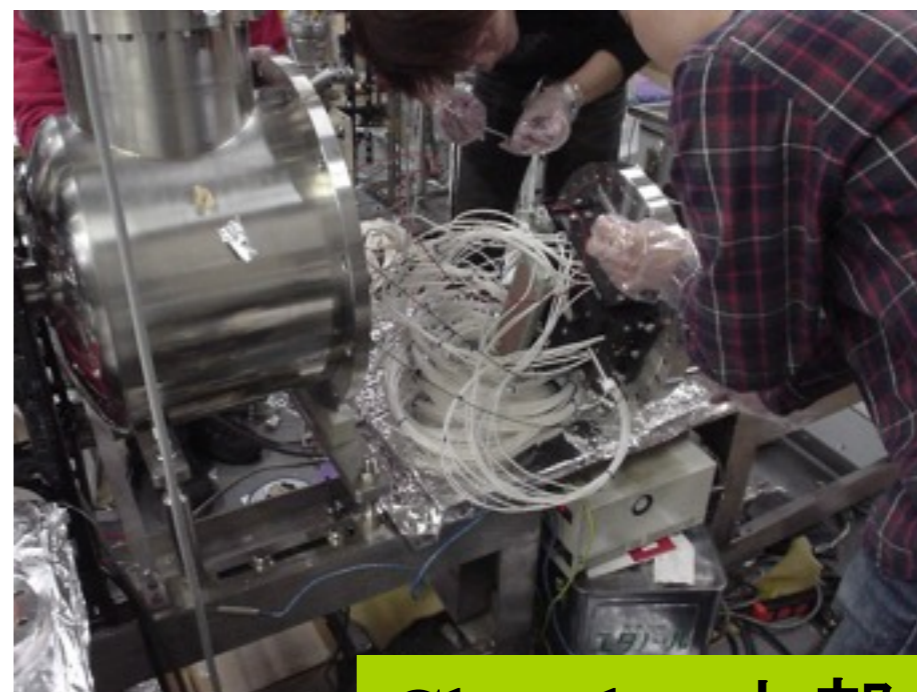




# 写真



Chamber外觀



Chamber内部