

KAGRA-CRY 試験データ検討会

2013年4月9日

宇宙線研究所 東谷千比呂

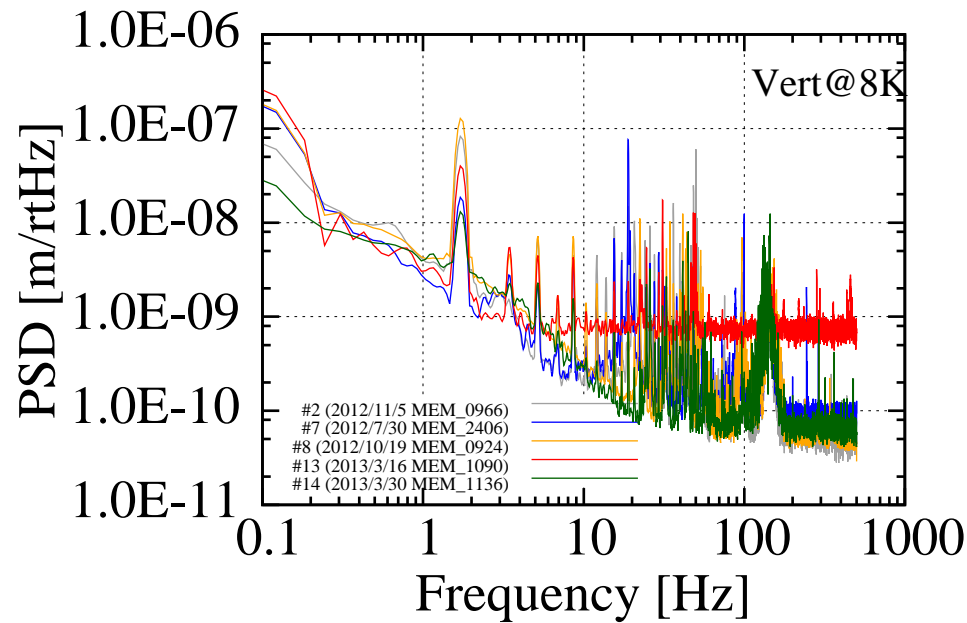
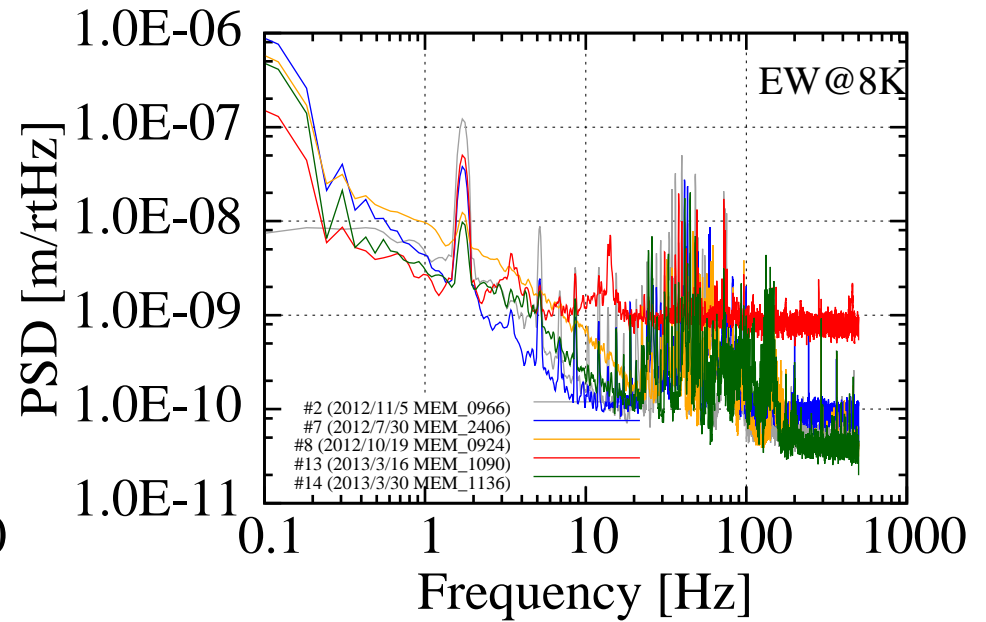
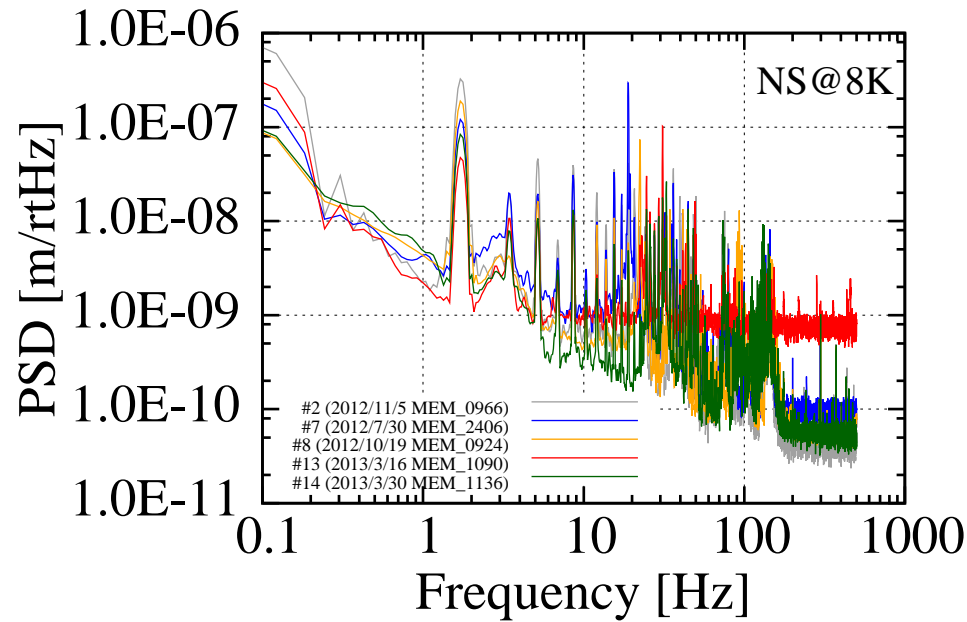
柏実験

- 1) 冷凍機ユニット 16 台性能試験 (冷却性能、振動性能)
- 2) 住重パルスチューブ冷凍機単体試験 (冷却性能)
- 3) エアウォーター冷凍機単体試験 (冷却性能、振動性能)

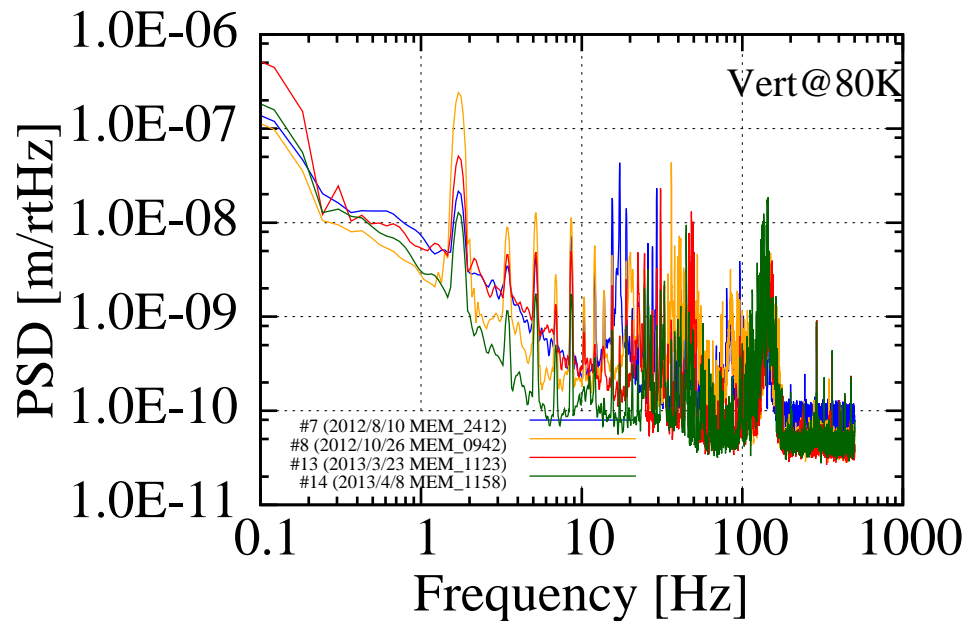
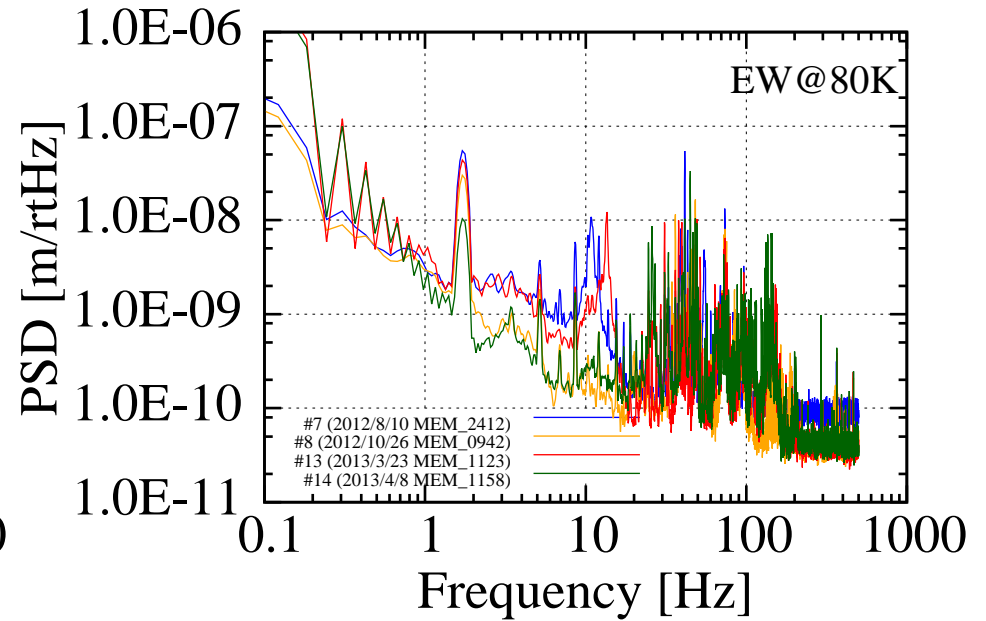
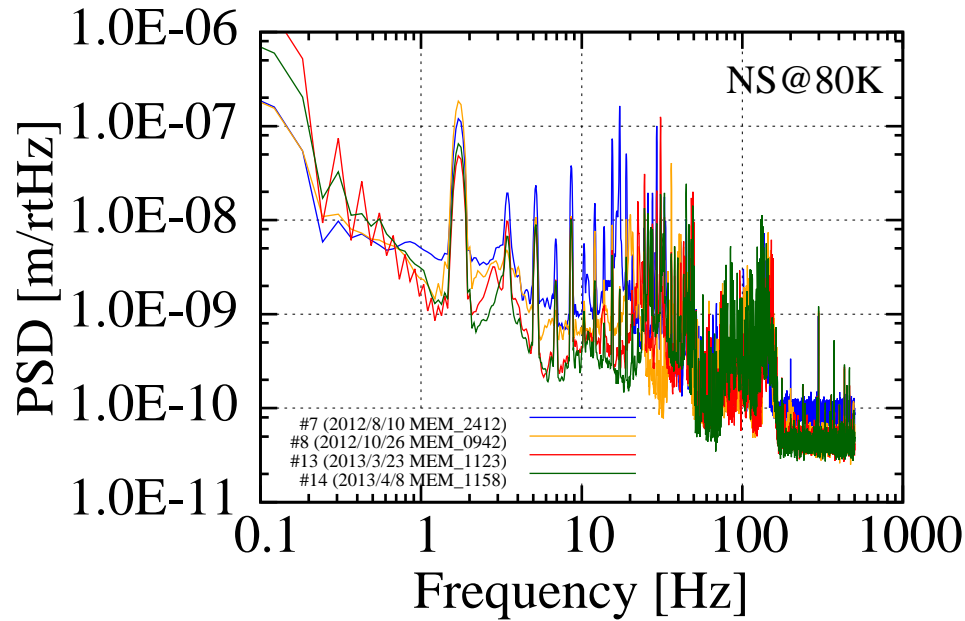
東芝実験

- 1) 真空度
- 2) 全体的な冷却性能 (熱抵抗)
- 3) 熱負荷試験

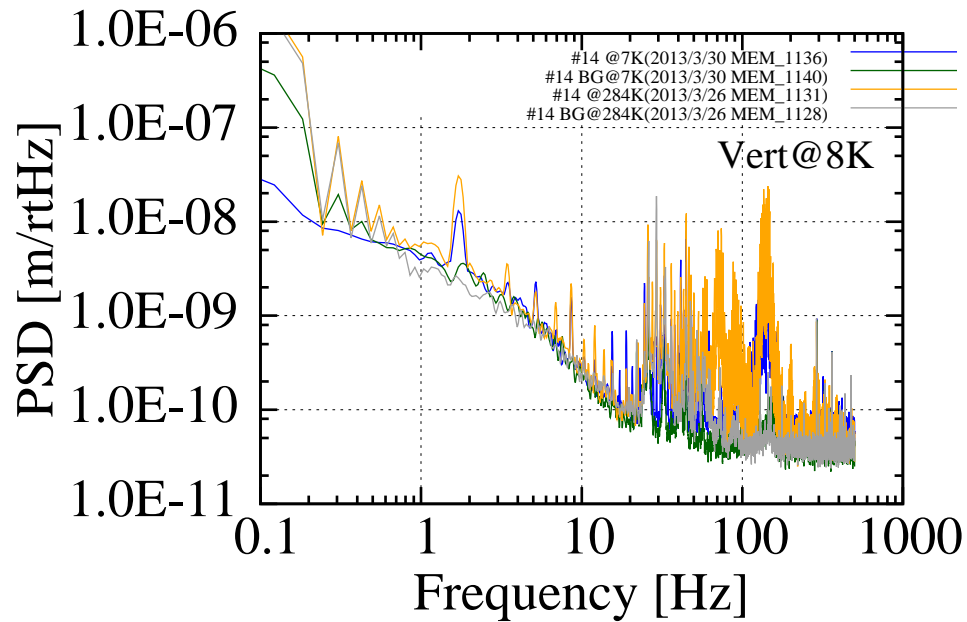
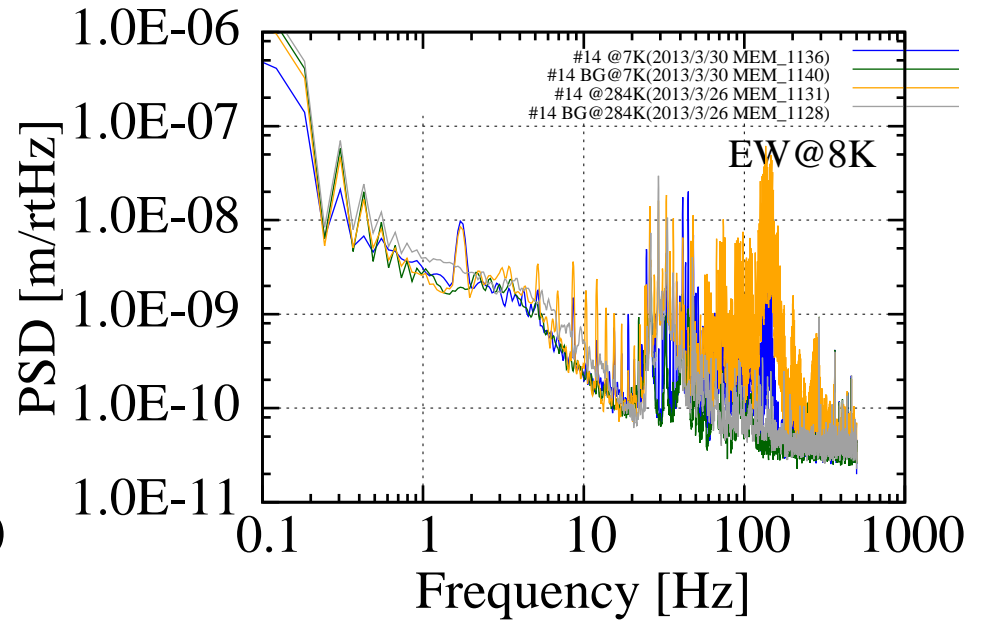
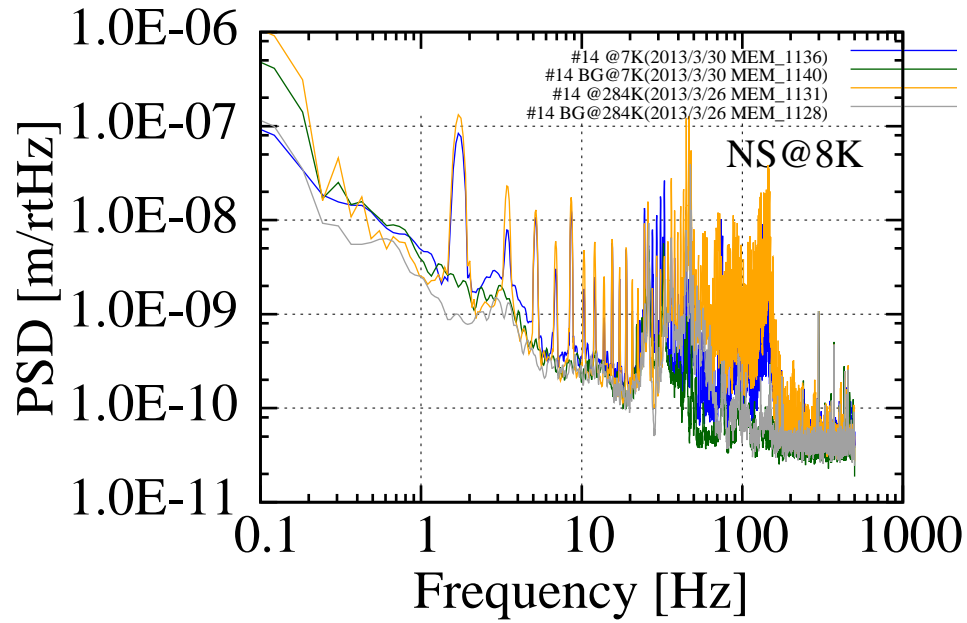
Cryounit Vibration @8K-Shield @low-temperature



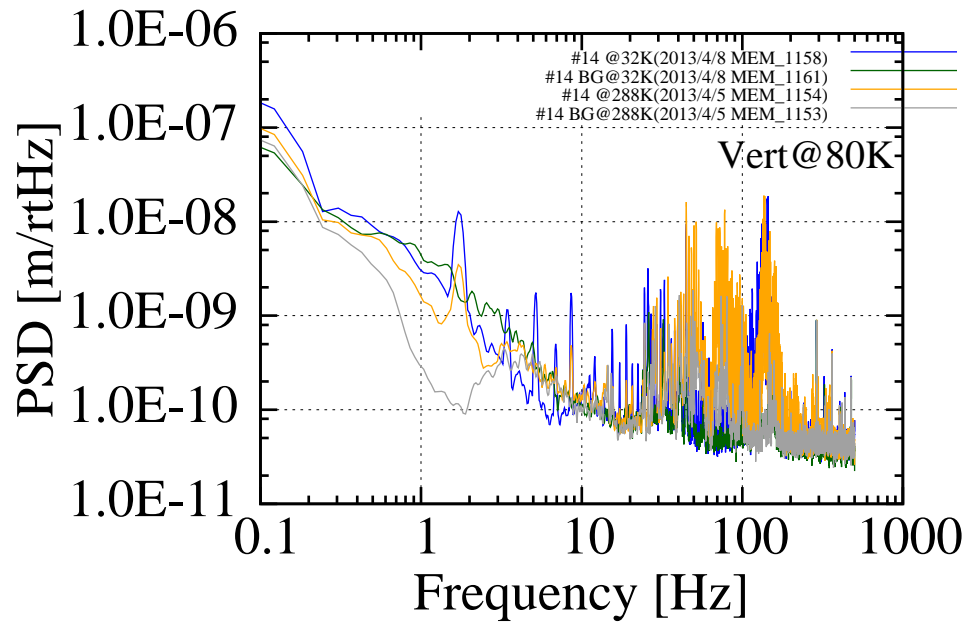
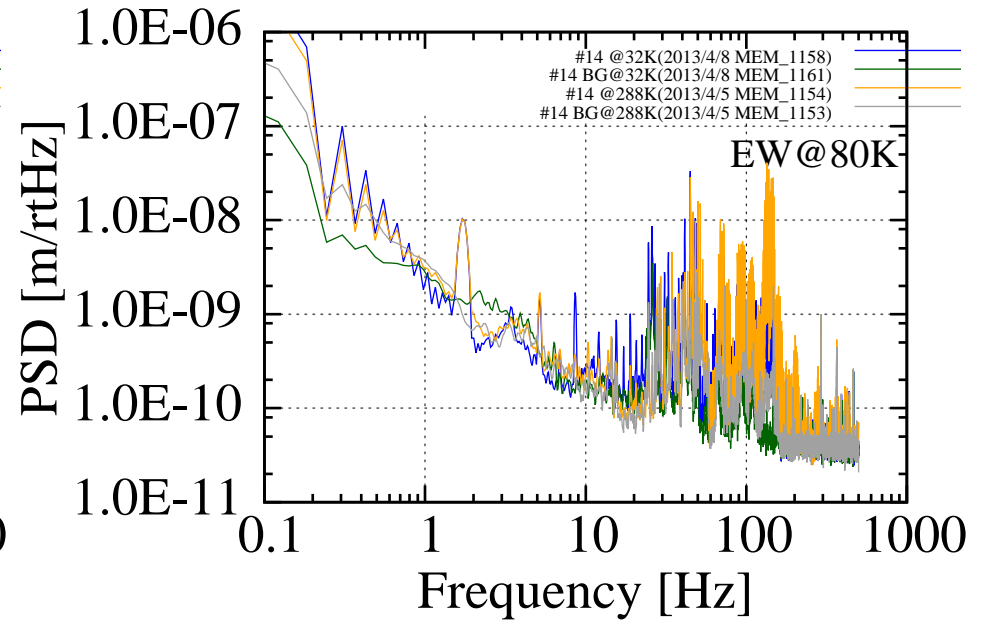
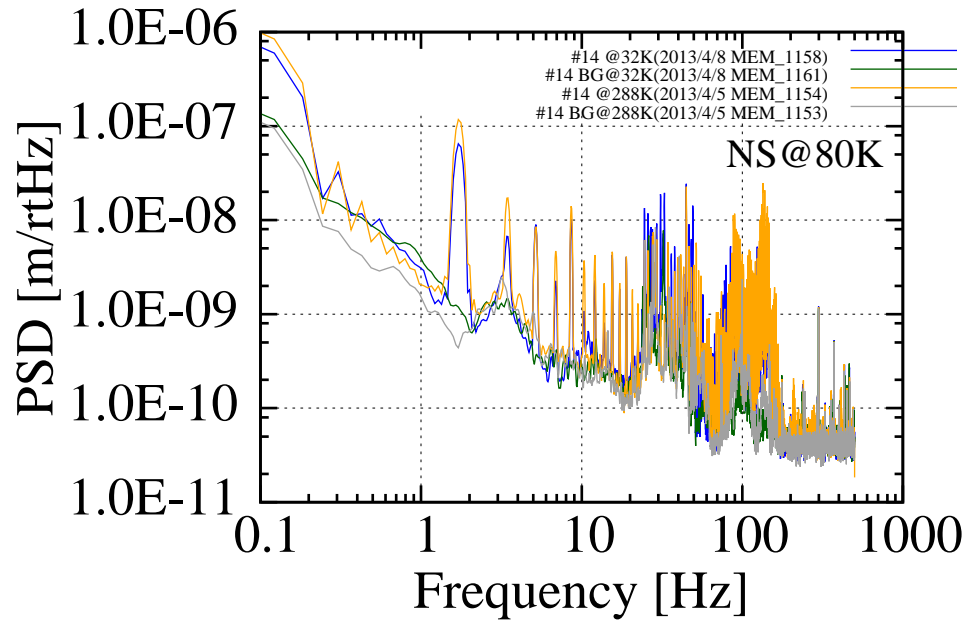
Cryounit Vibration @80K-Shield @low-temperature



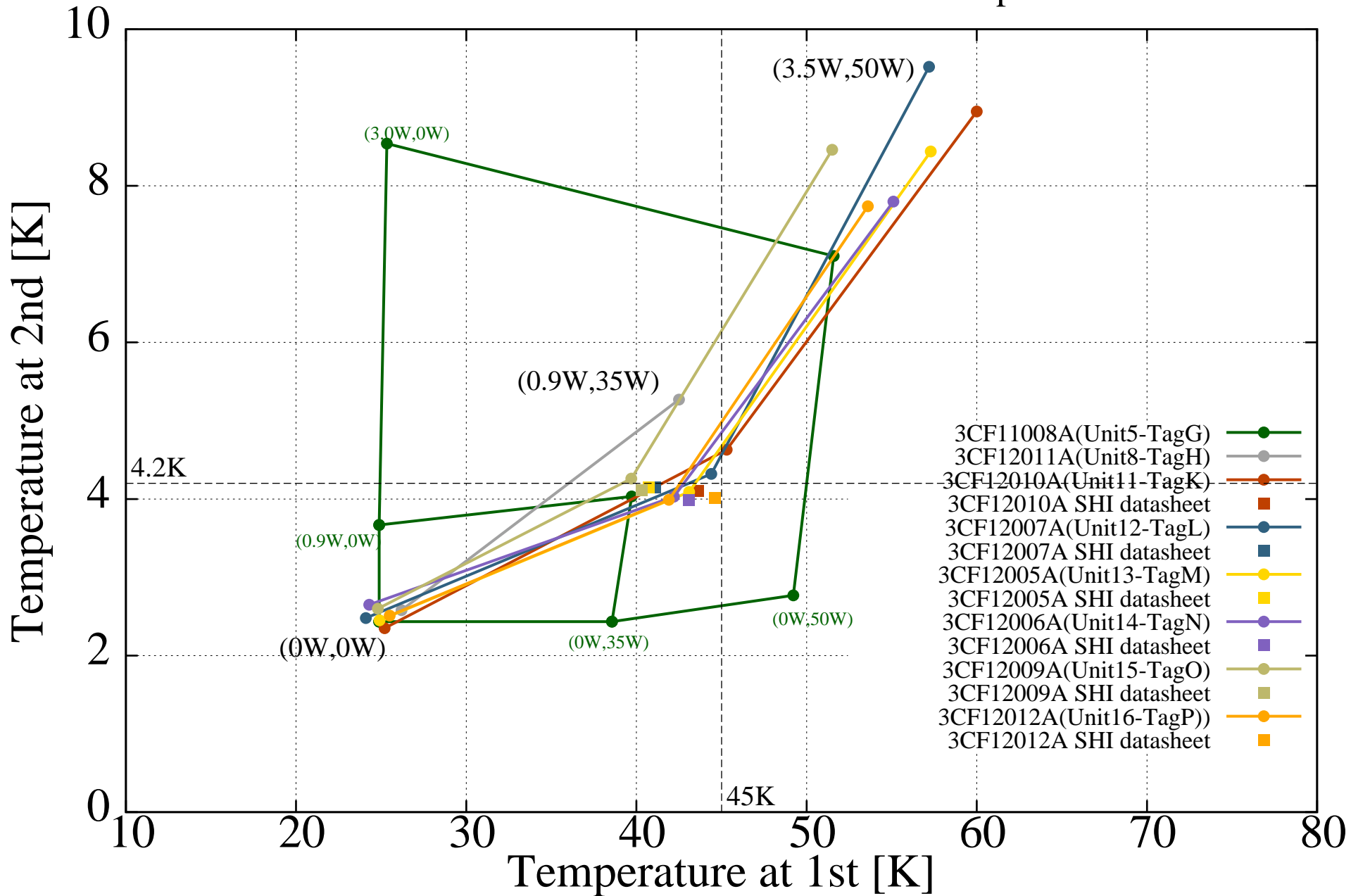
Cryounit #14(N) @8K Shield



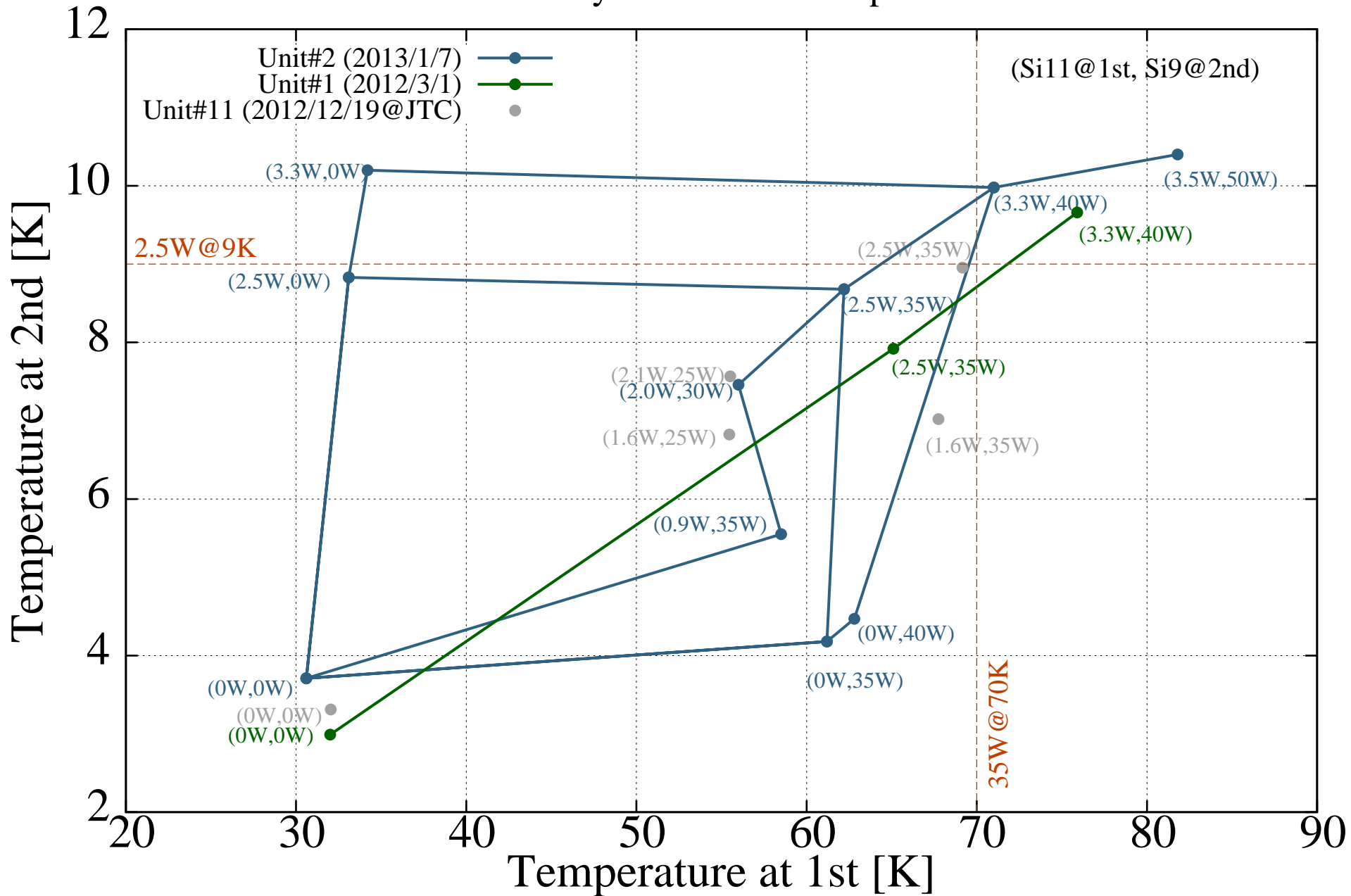
Cryounit #14(N) @80K Shield



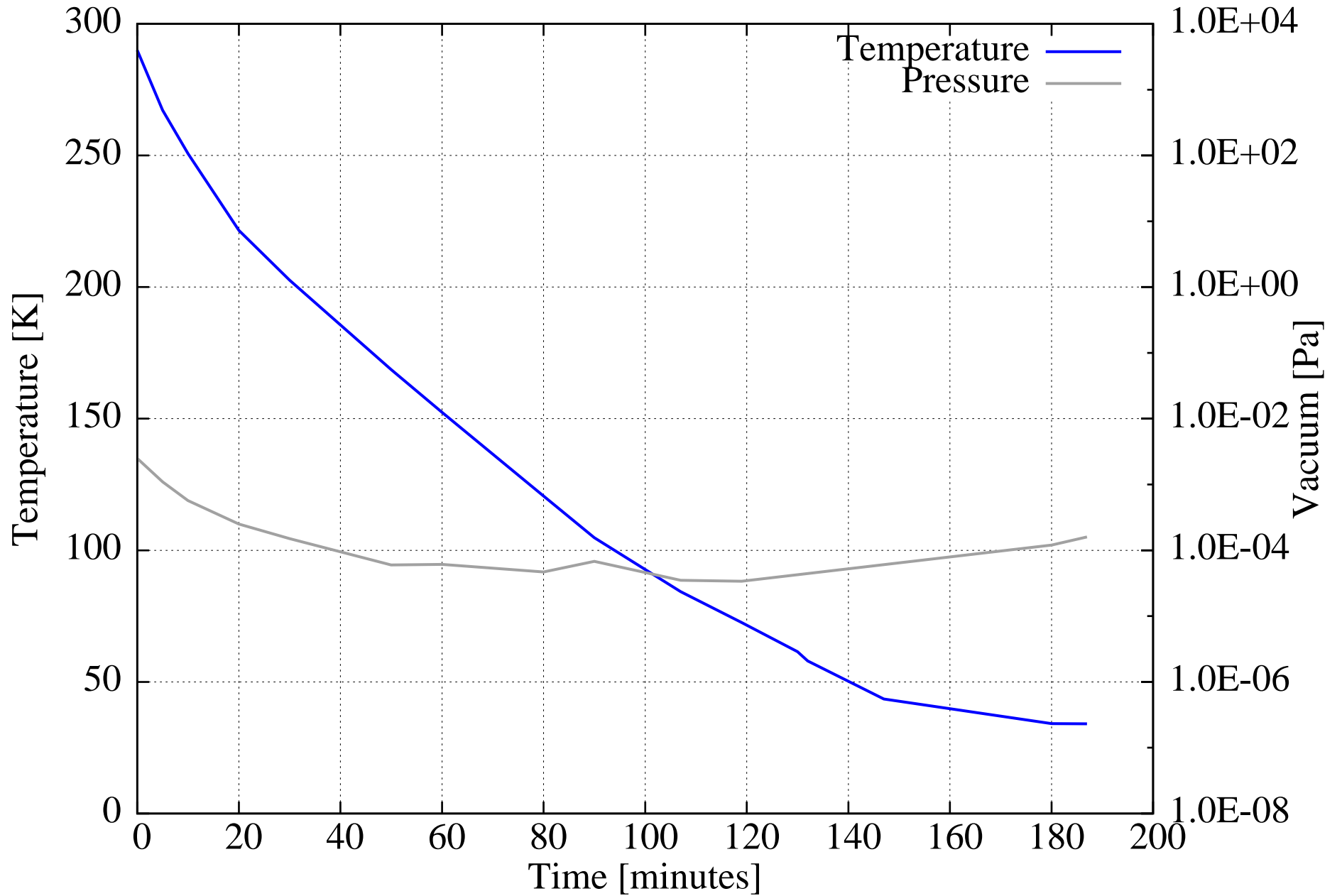
Sumitomo PTC Stand-Alone Roadmap



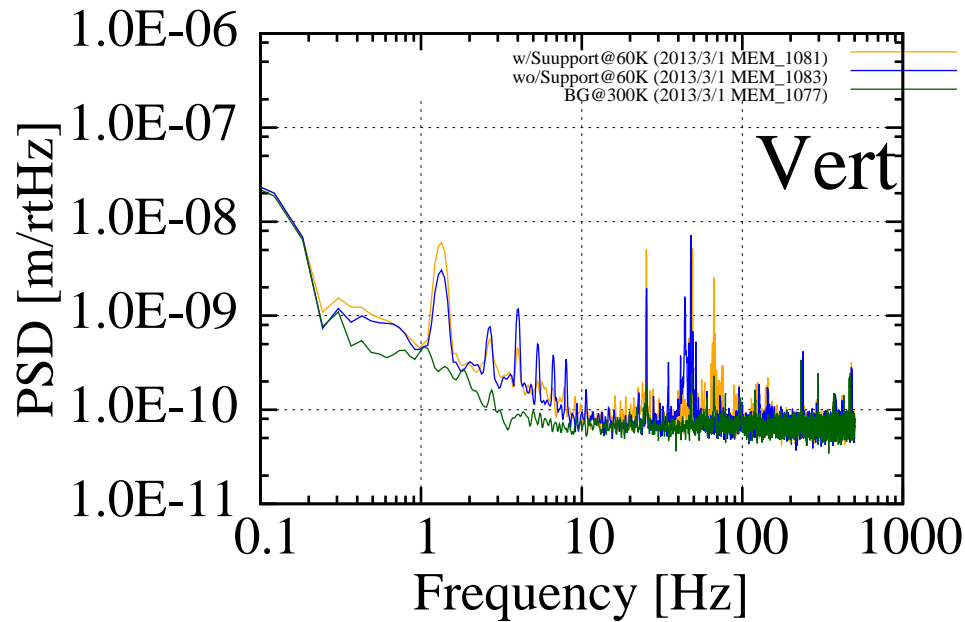
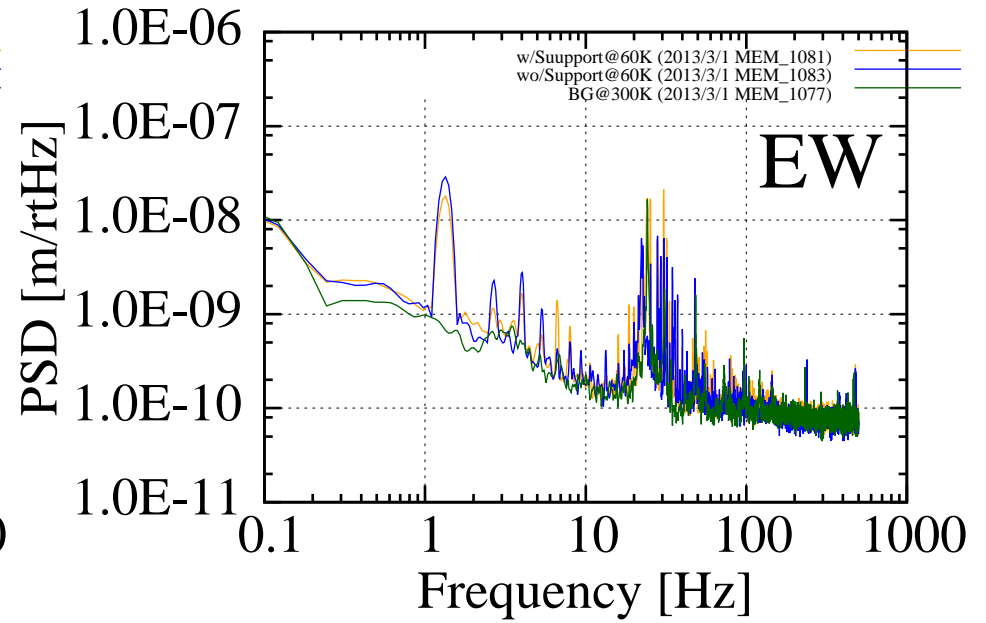
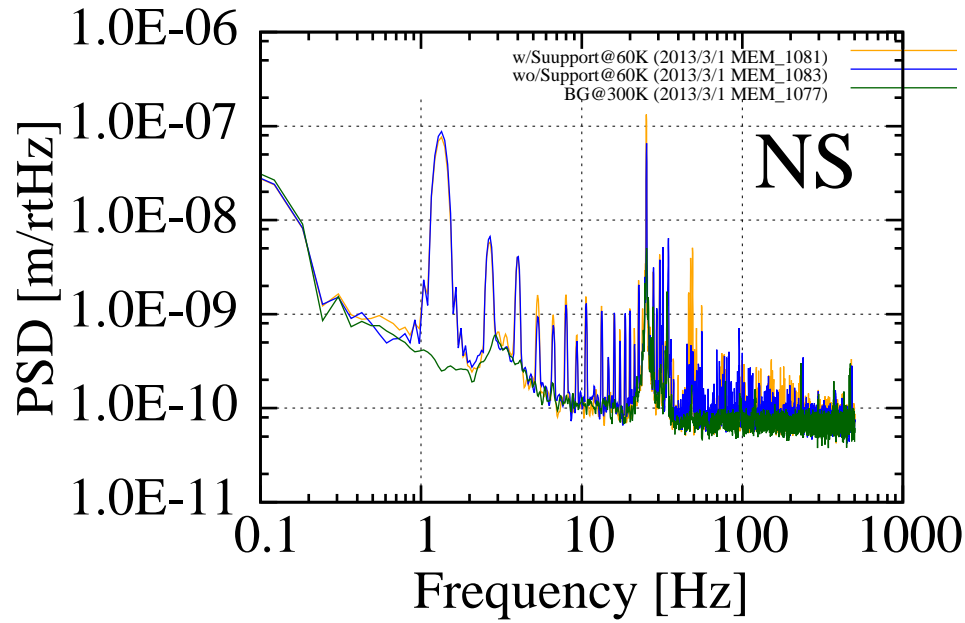
Cryounit #2 Roadmap



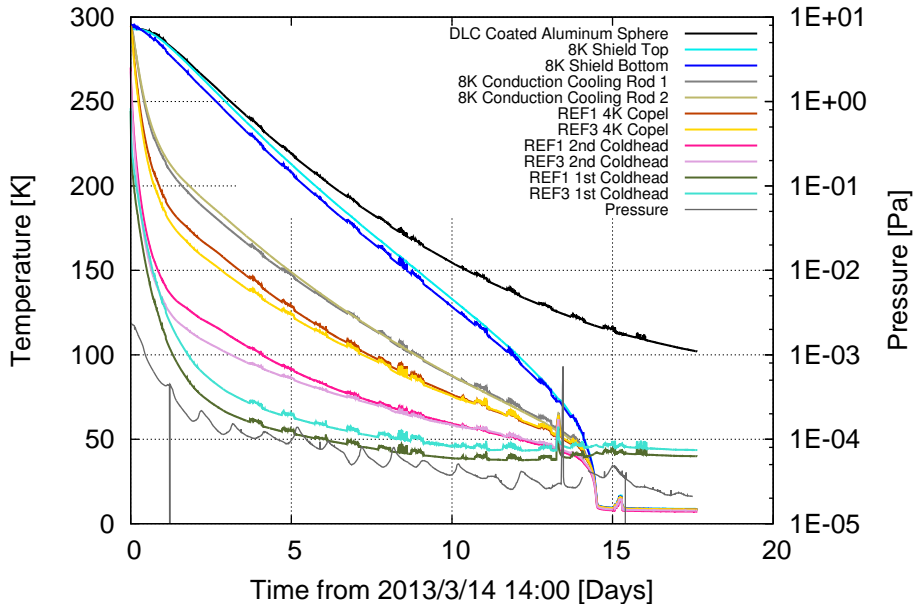
AirWater PTC 2013/3/1



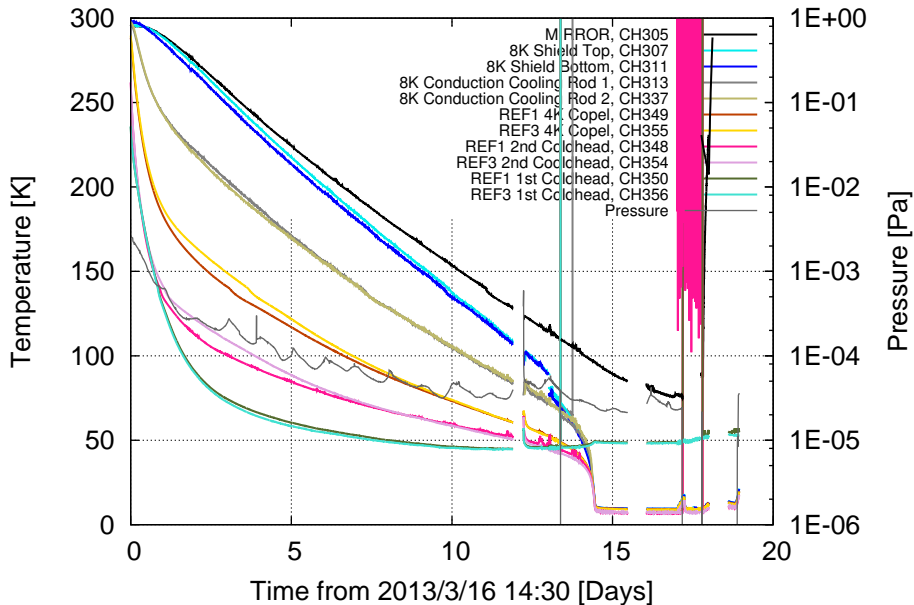
Airwater PTC Stand-Alone Vibration



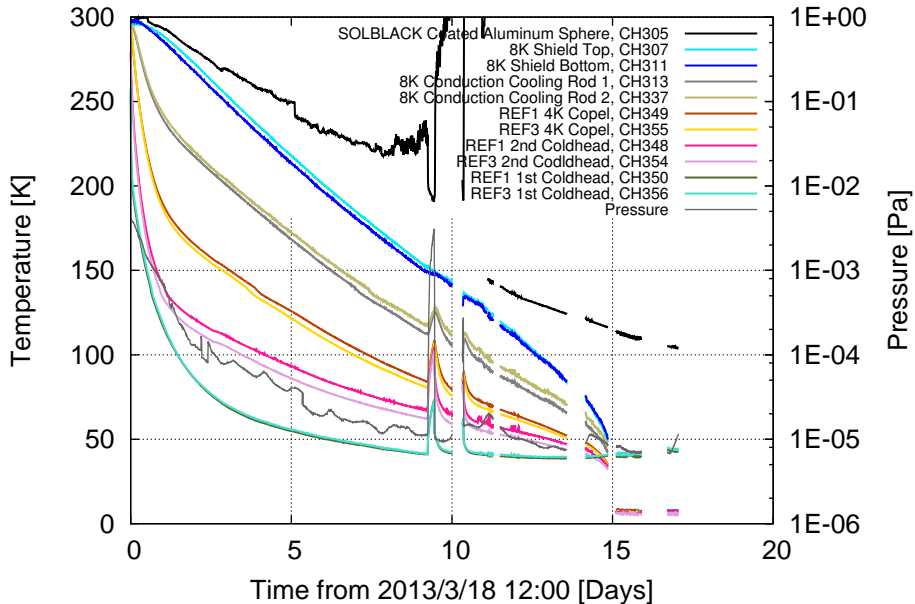
Cryostat No.2



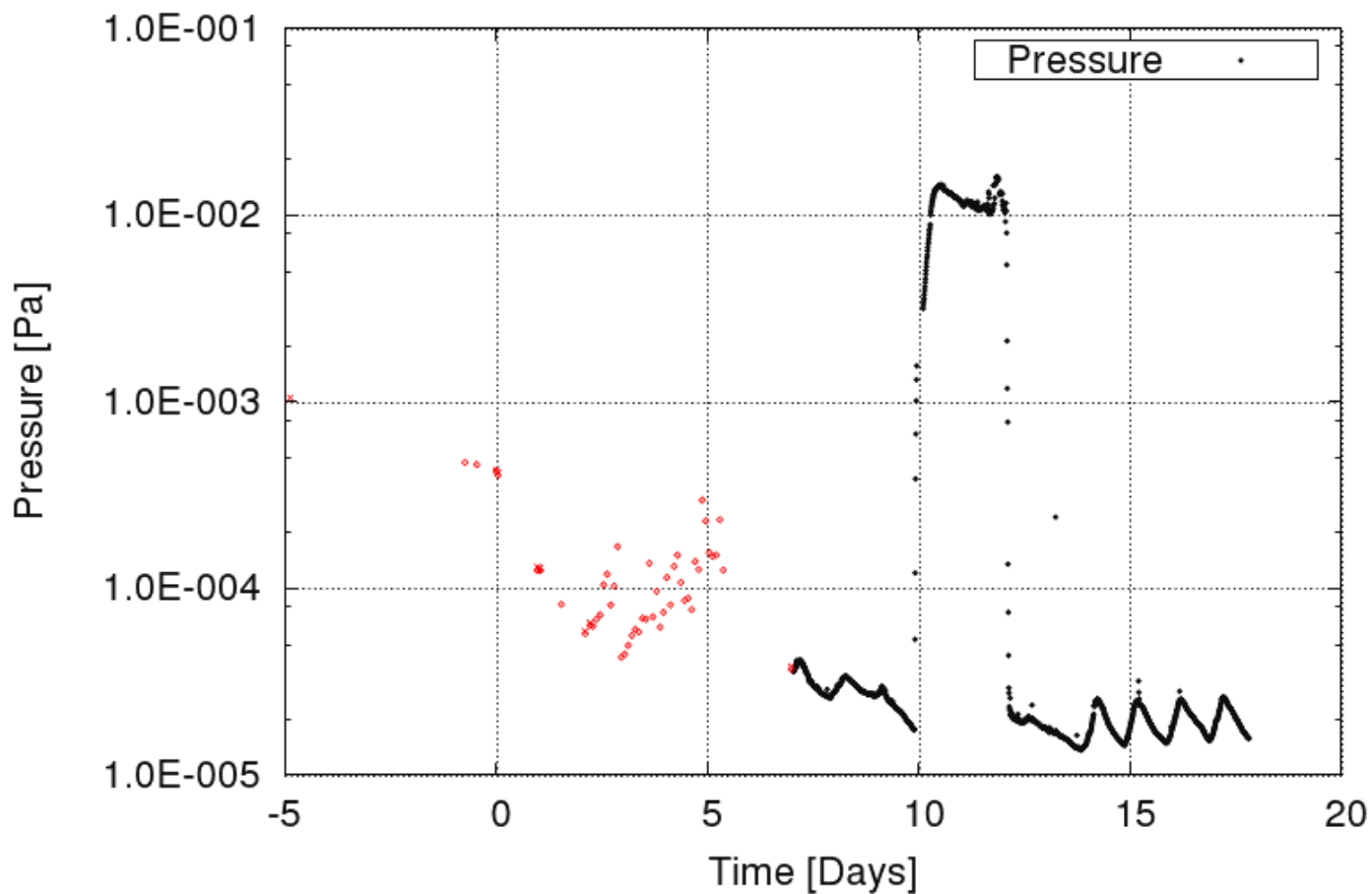
Cryostat No.3



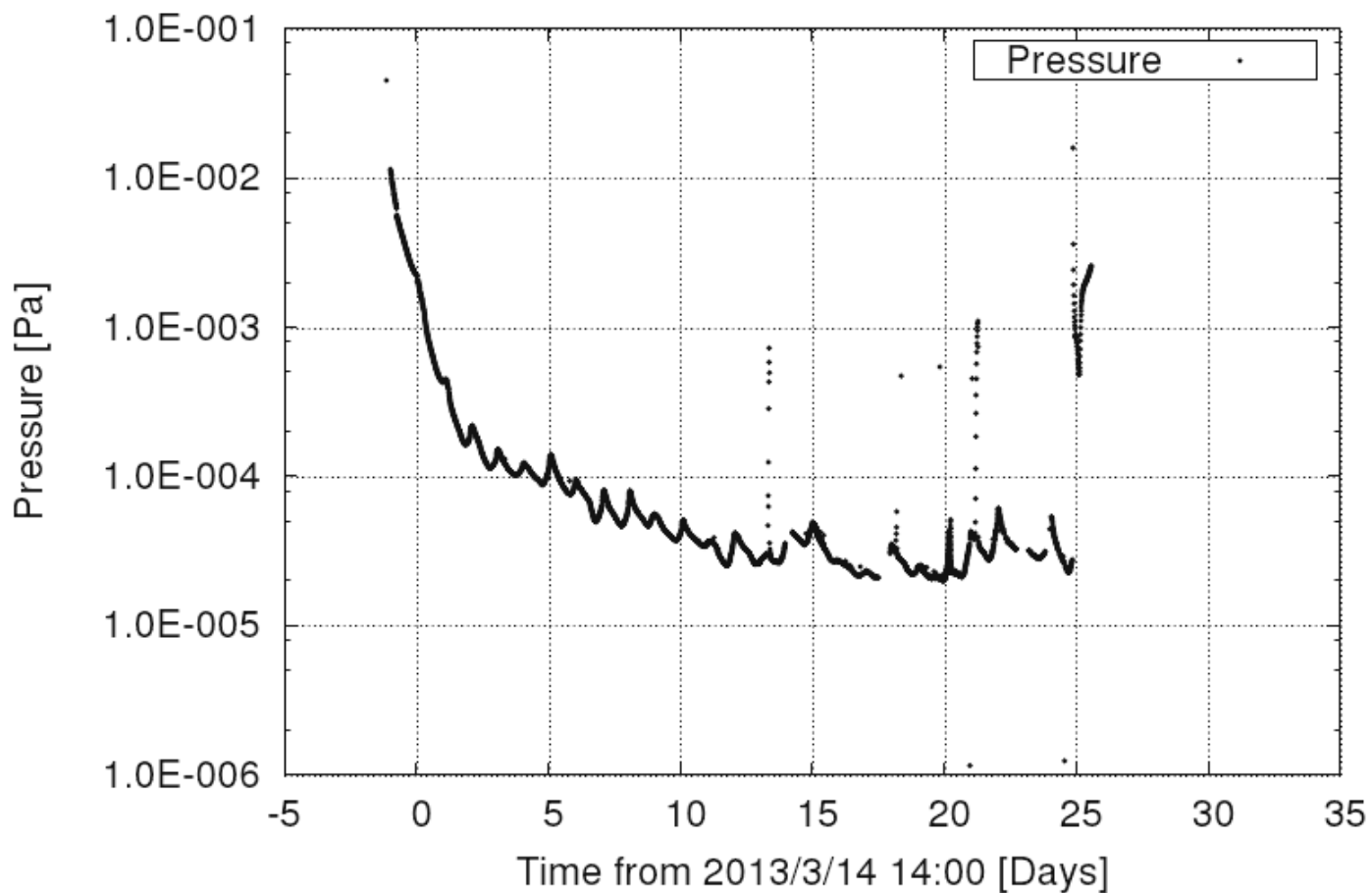
Cryostat No.4



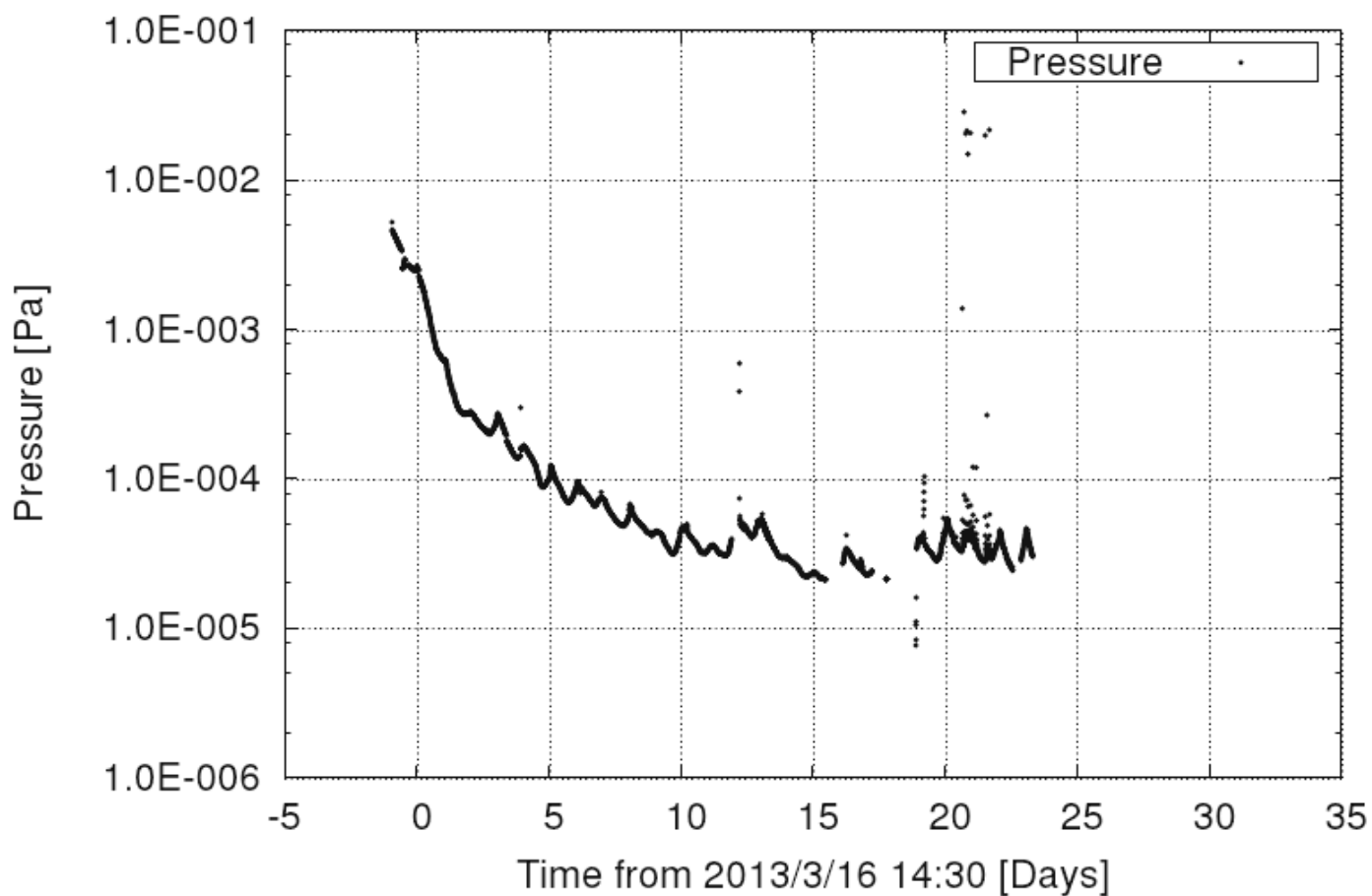
Cryostat No.1



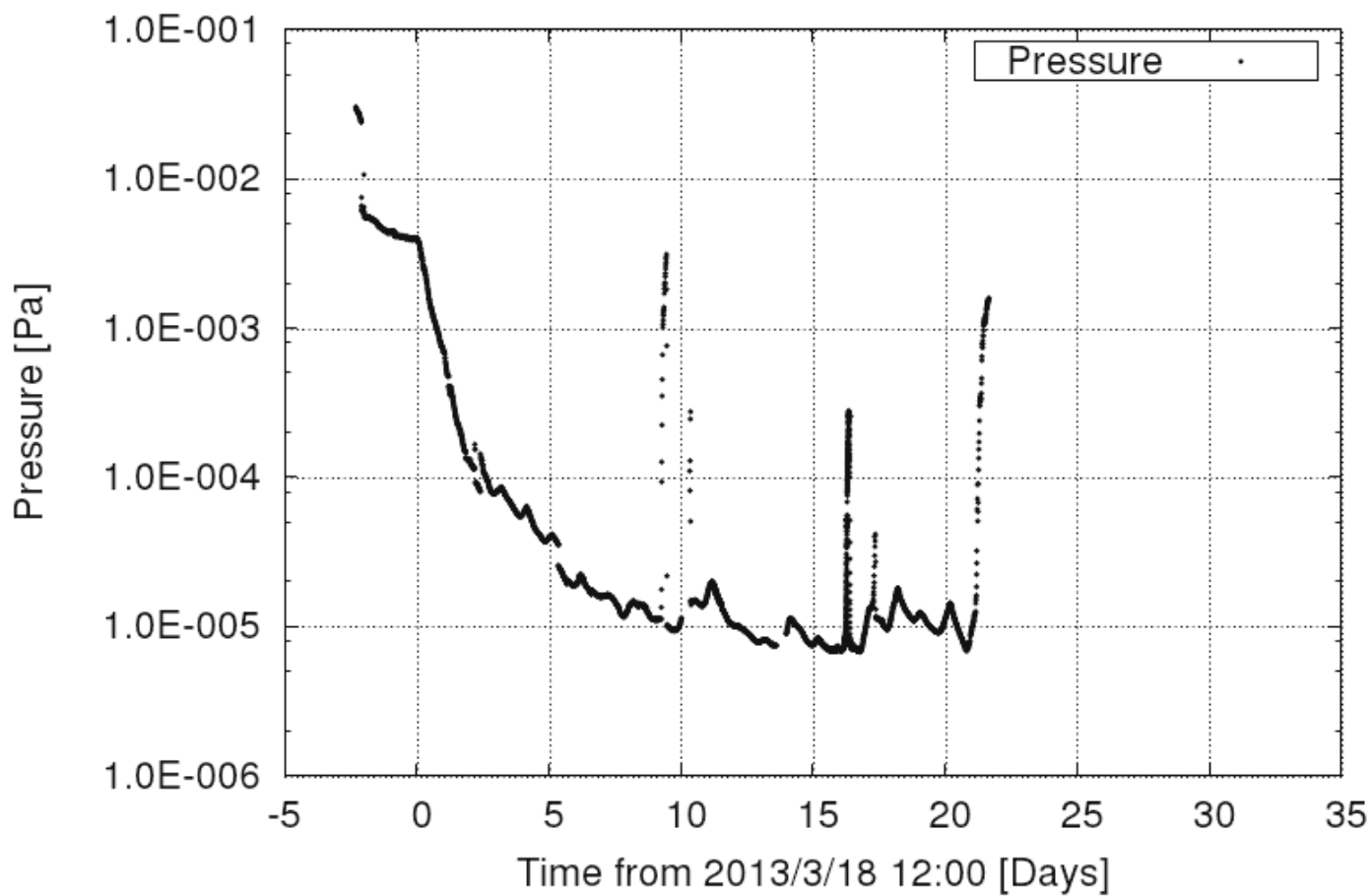
Cryostat No.2



Cryostat No.3



Cryostat No.4



Thermal Test Cryostat No.2

