

# **9-cell Cavity Coordination Report**

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Fermilab

SRF Meeting  
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# Cavity Plans

- **Top priority is cavities for S1G and CM2:**
  - **S1G: TB9ACC011 & AES002\*** - dressed and to be tested at VCTF
    - TB9ACC011 was tested Nov.11; FE/quench limited to 23 MV/m; enroute to ANL today; to be re-HPR'd and re-tested ASAP
    - AES002 gets add'l HPR cycle; moves ANL to IB1 tomorrow for test this week
  - **CM2: TB9ACC013, TB9AES008, A8\*, TB9AES009, TB9ACC016, TB9AES010, TB9AES007(?), TB9RIxxx**
  - **Backups: CM2 cavities are backups for S1G, AES004\* and remaining 11 new RI cavities**
- **2<sup>nd</sup> (almost-as-top) priority is 9-cell commissioning at FNAL/ANL**
  - **TB9ACC017 tested; waiting plan**
  - **ACCEL6 is back at FNAL from JLab; waiting plan**
  - **ACCEL7 enroute from MP9 to ANL today; to be re-HPR'd and tested at next available opportunity**
- **First 6 “new” RI cavities will arrive ~end of November**
  - **3 for FNAL/ANL (already bulk-EP'd) and 3 for JLab (not EP'd)**

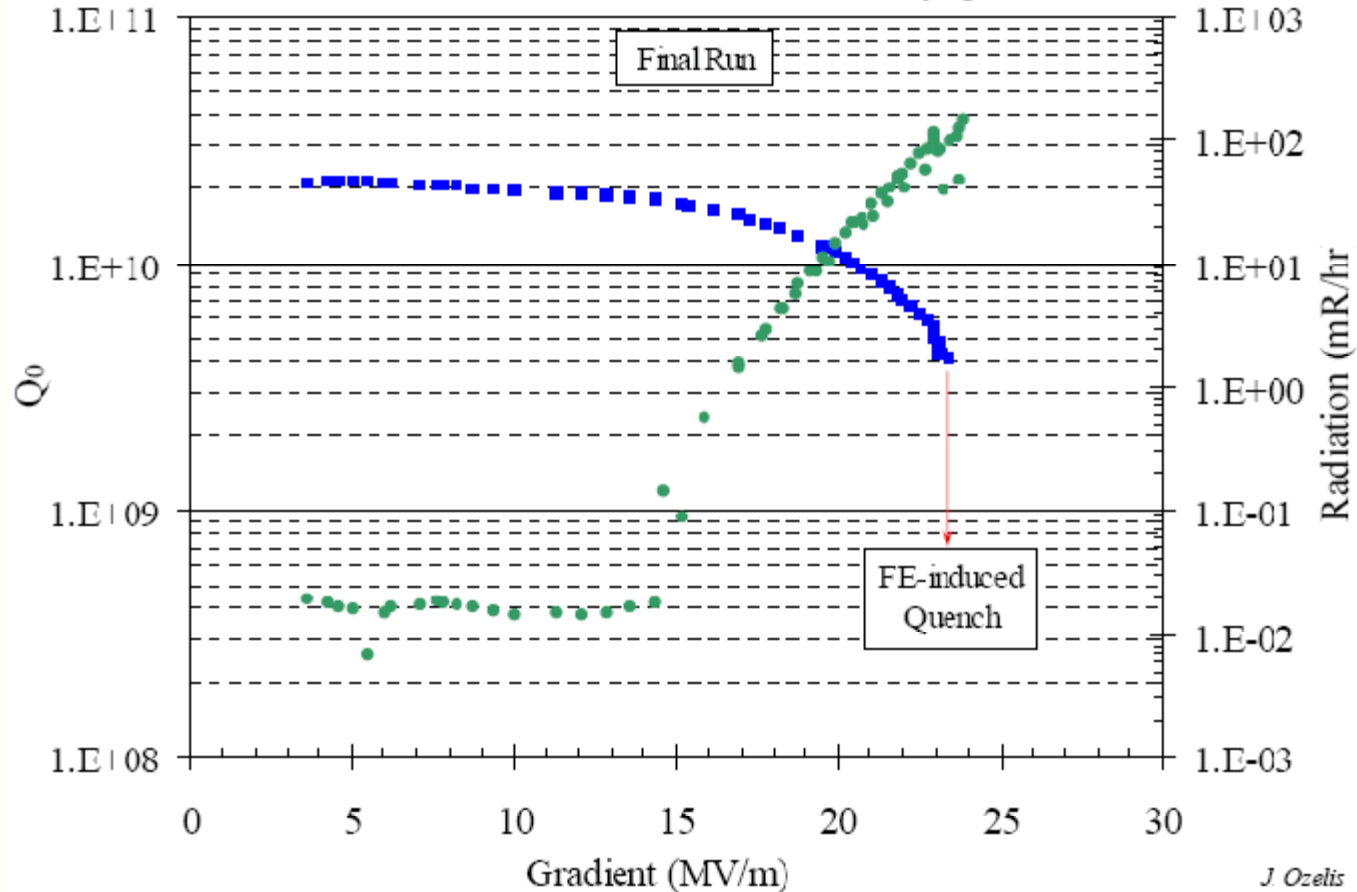
\* Means long-short cavity design

# TB9ACC011 (dressed for S1G)



ILC- TB9ACC011 - Q vs E

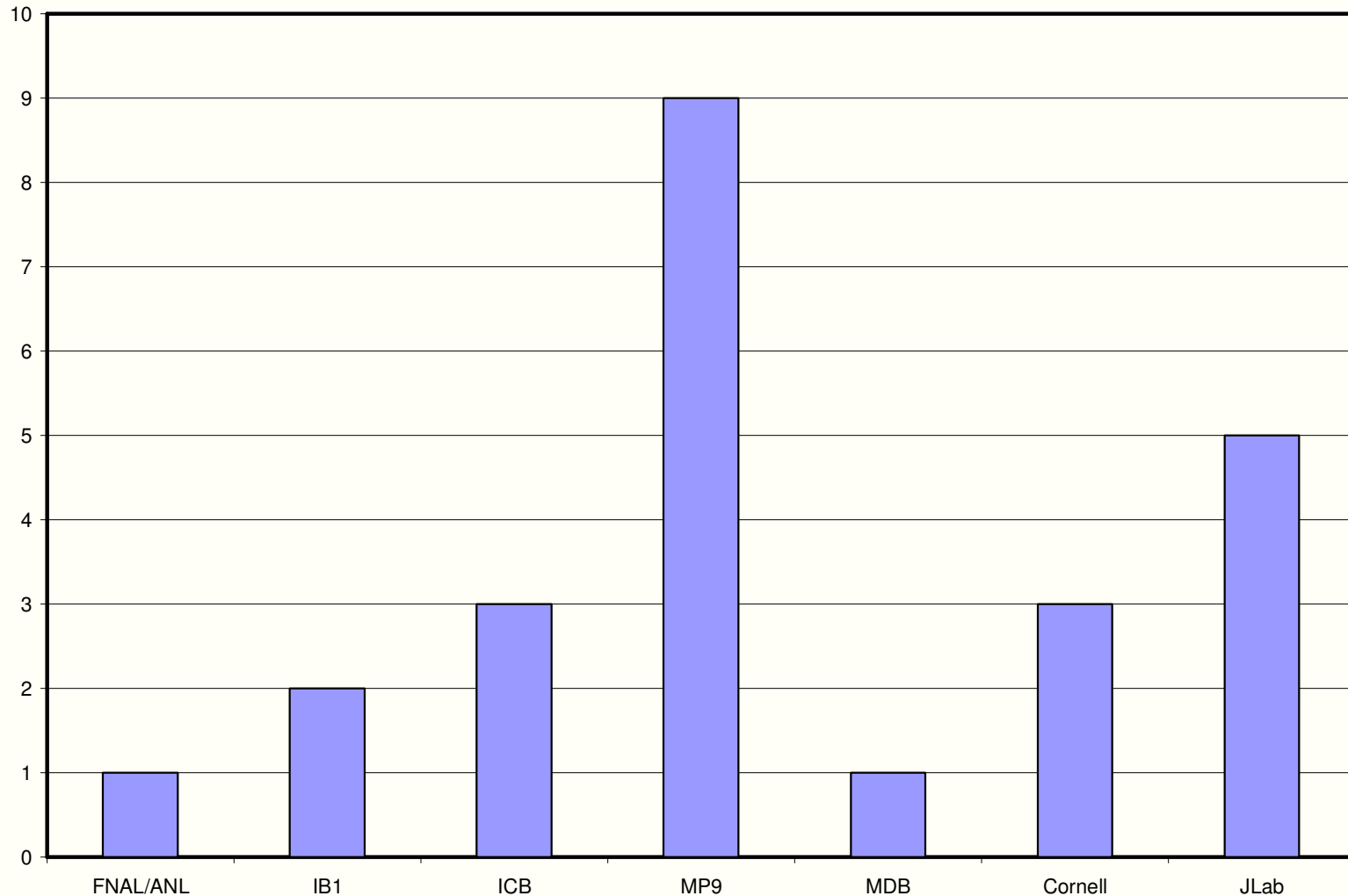
Tested 11/11/09 - w/He vessel- HPR, assy @



Final test after some FE processing – FE/quench limited to 23 MV/m  
Will be re-HPR'd and re-tested ASAP

Test by J. Ozelis

# Cavity Locations 13.Nov.2009



Monitored by J. Rife

# Americas 9-cell Cavities

