

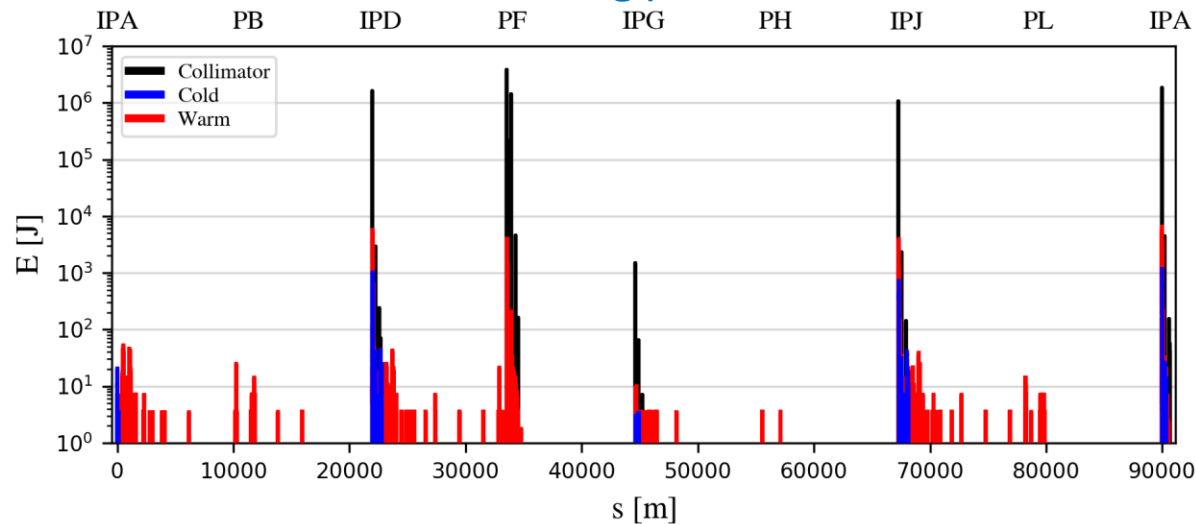
Fast instability FCC-ee V25.4 GHC

Z operation mode

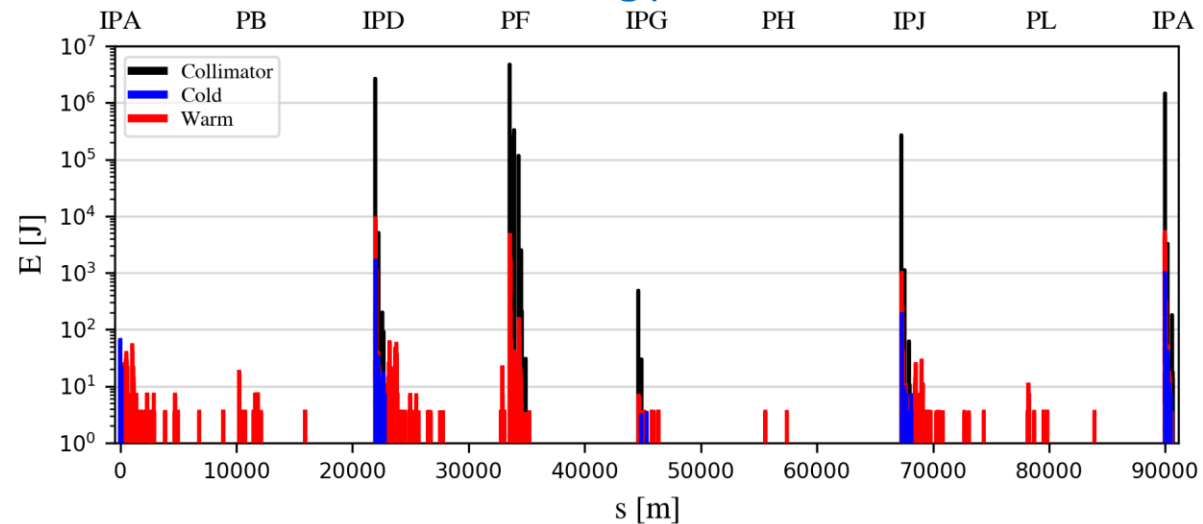
G. Broggi, R. Bruce, G. Nigrelli, F. Van der Veken

Horizontal fast instability: 3 turns rise-time

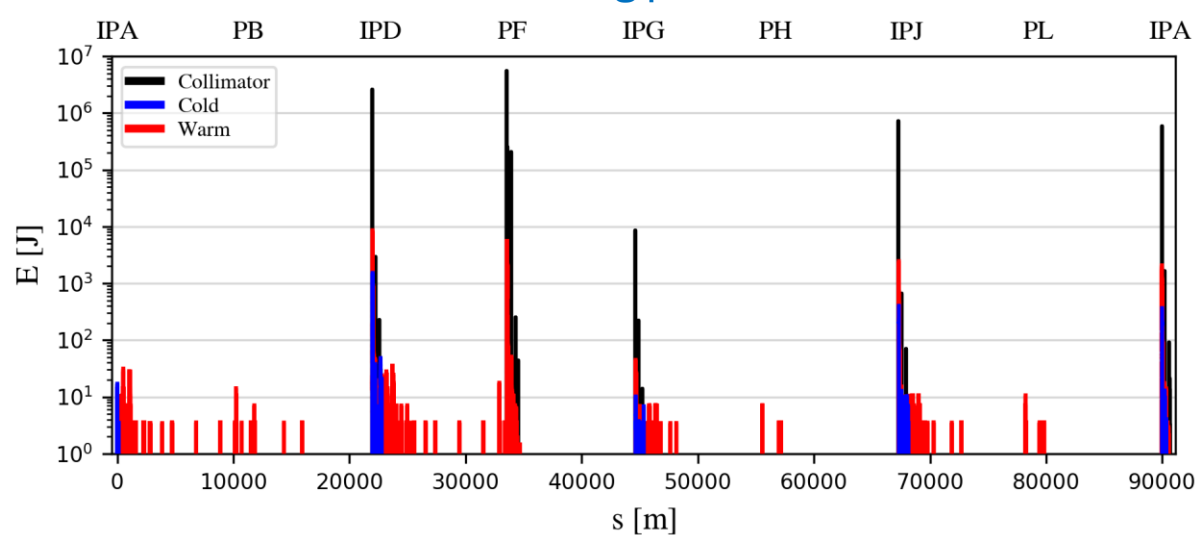
0deg phase



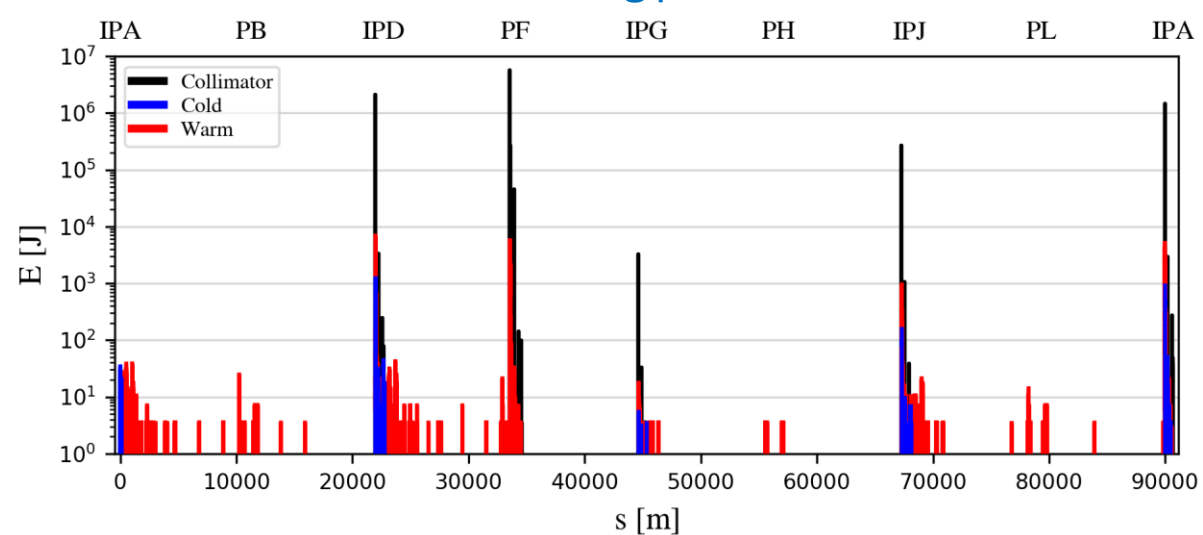
30deg phase



60deg phase

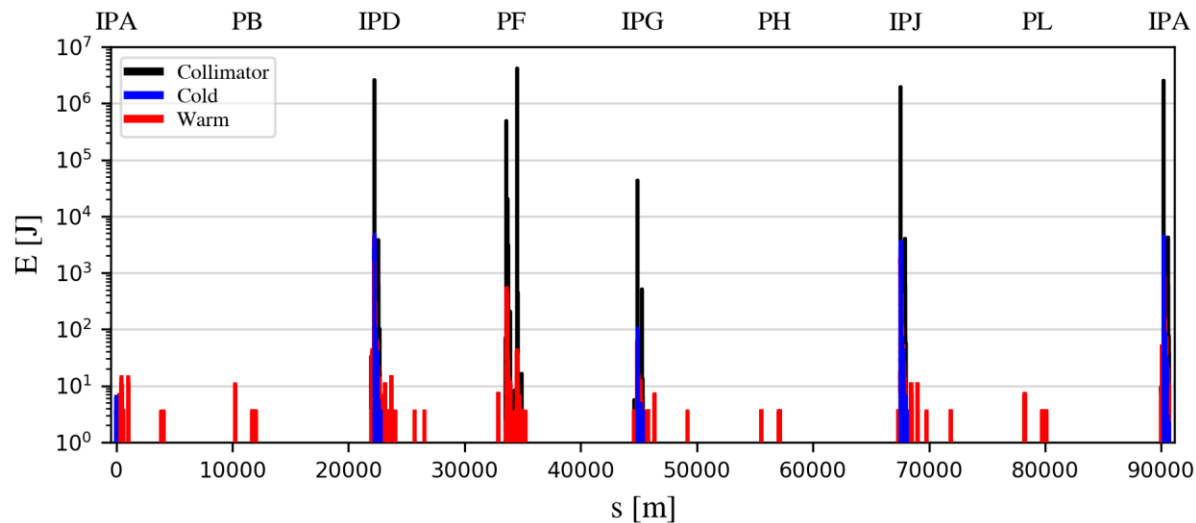


90deg phase

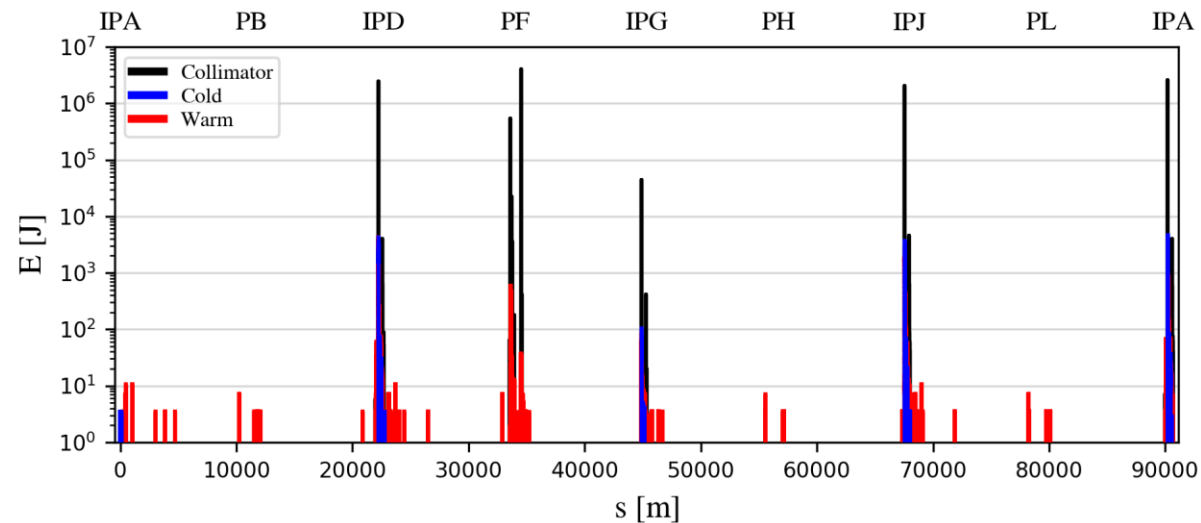


Vertical fast instability: 3 turns rise-time

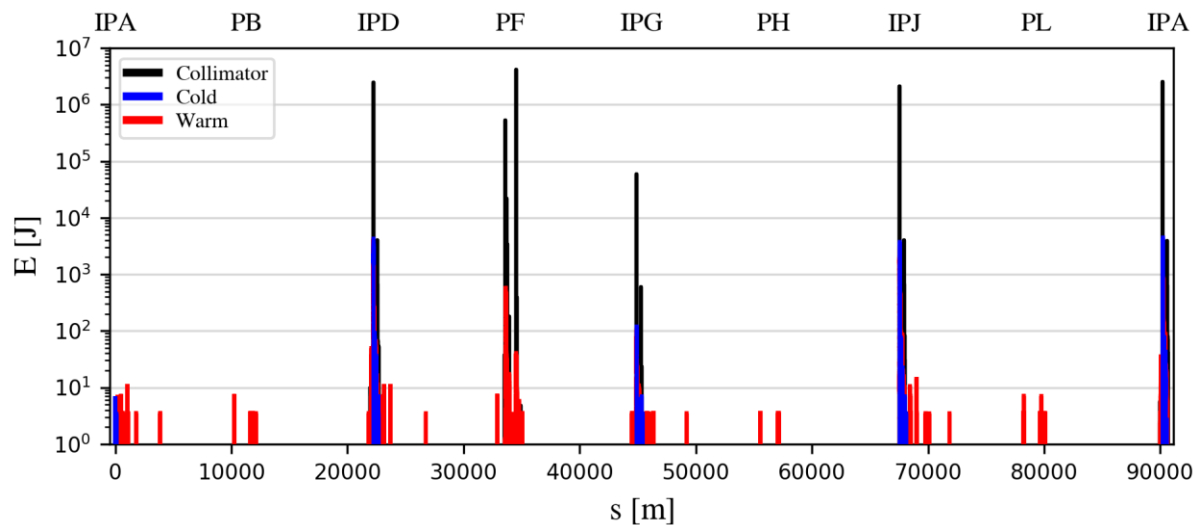
0deg phase



30deg phase



60deg phase



90deg phase

