



This Plot summarizes our options in yet another way. The upper curve represents the energy options of our “pending baseline,” which uses high-field high- β cavities if we want to add additional cavities (4 to a cryomodules).

The lower 4 curves represent our options for a “backup SRF linac design” using low-field cavities throughout. We don’t really want to go below an operating phase of about 20 deg until we have a chance to carry out error studies on a trial design.

In all of these designs I have reduced the fields & phases in two low β cavities to accommodate longitudinal matching. At this point that’s a guess.