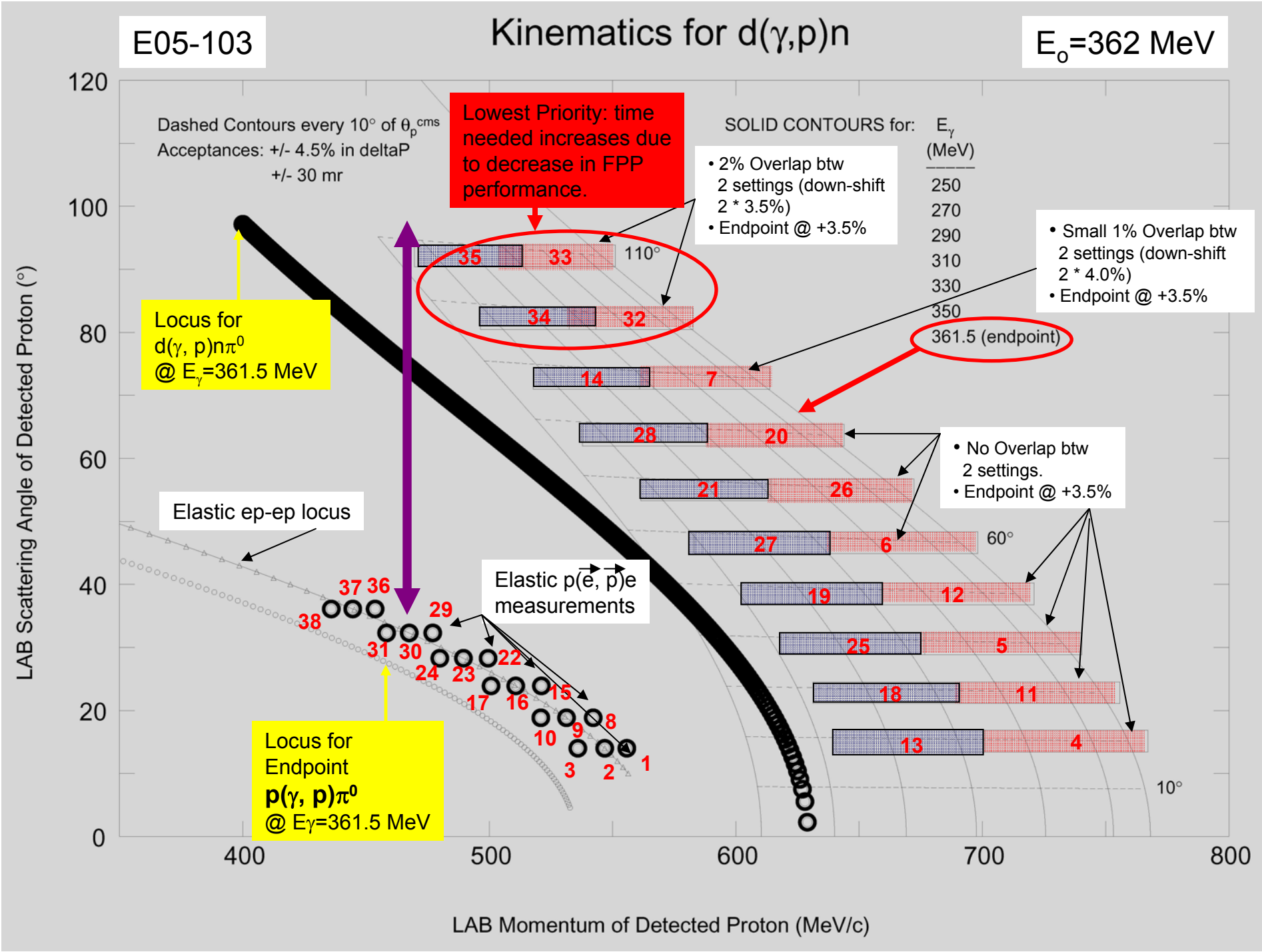
E05-103
Kinematics for d(γ,p)n
E$_o$=362 MeV
Dashed Contours every 10° of θ_p^{cms}
Acceptances: +/- 4.5% in deltaP
+/- 30 mr
Lowest Priority: time needed increases due to decrease in FPP performance.
SOLID CONTOURS for: E_γ (MeV)
250
270
290
310
330
350
361.5 (endpoint)
• 2% Overlap btw 2 settings (down-shift 2 * 3.5%)
• Endpoint @ +3.5%
• Small 1% Overlap btw 2 settings (down-shift 2 * 4.0%)
• Endpoint @ +3.5%
• No Overlap btw 2 settings.
• Endpoint @ +3.5%
Locus for d(γ, p)nπ^0 @ E_γ=361.5 MeV
Elastic ep-ep locus
Elastic p(e, p)e measurements
Locus for Endpoint p(γ, p)π^0 @ Eγ=361.5 MeV
110°
60°
10°
LAB Scattering Angle of Detected Proton (°)
LAB Momentum of Detected Proton (MeV/c)