

Which improvement would be more beneficial for integrated luminosity?

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Follow up on Sasha's question

Which possible improvement would benefit most the integrated luminosity

	Int. Lum per week pb ⁻¹	increase	
Sc I pesimistic	29.815		
100 to 110 h	32.796	10%	
270E9 protons/bunch	30.858	3.5%	
TeV Life 10% up	31.220	4.7%	
Timeline 75 to 90%	31.564	5.9%	
Lumdens 10% up	32.509	9%	
Lumdens 20% up	35.159	17.9%	

Luminosity density is:
Initial luminosity divided
by proton intensity/bunch
and multiplied by 250