



# Derating MICE magnets

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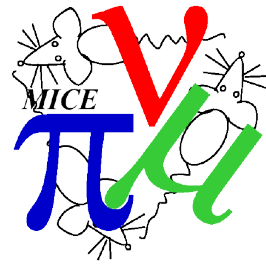


C. Rogers,  
ASTeC Intense Beams Group  
Rutherford Appleton Laboratory

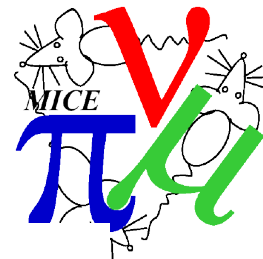


# Intro

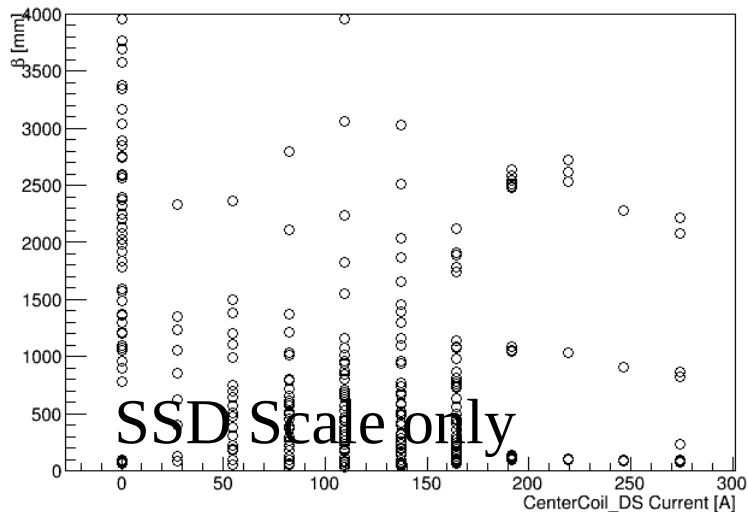
- SSD reduced vs SSU and SSD symmetrically reduced



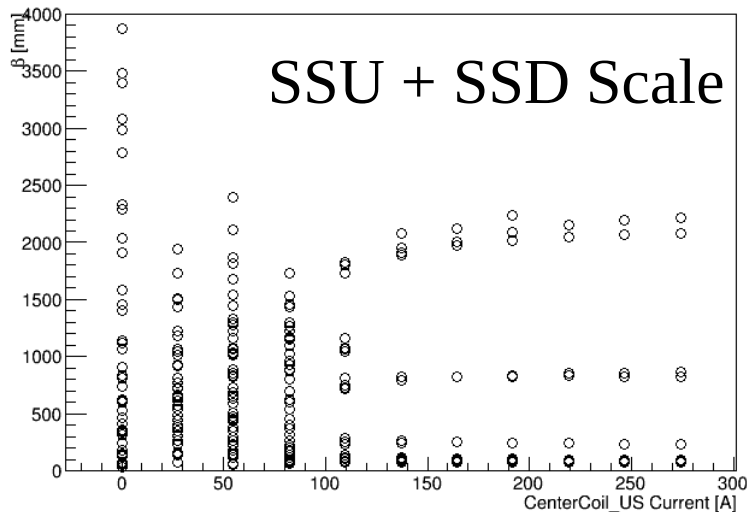
# Intro



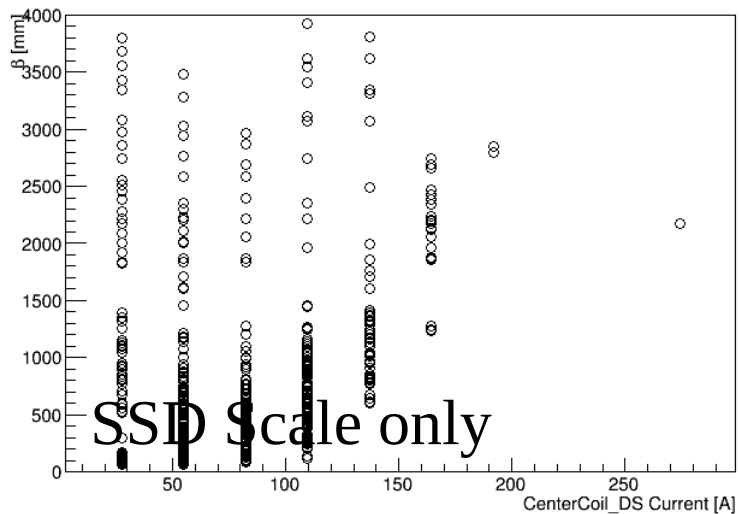
momentum=140.0 CenterCoil\_DS<=0.0



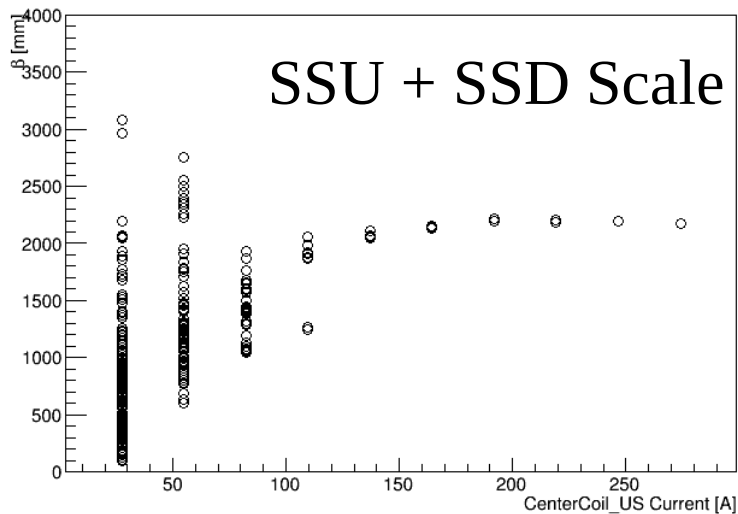
momentum=140.0 CenterCoil\_DS<=0.0



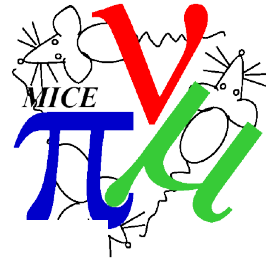
momentum=140.0 CenterCoil\_DS>=0.0



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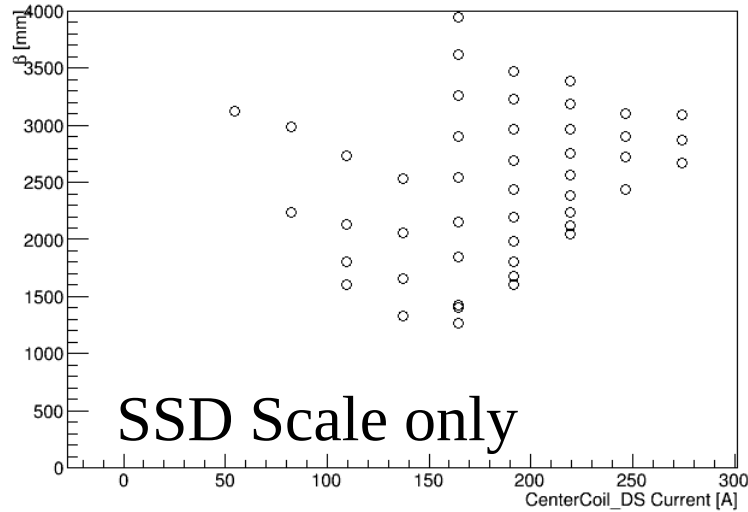


# Intro

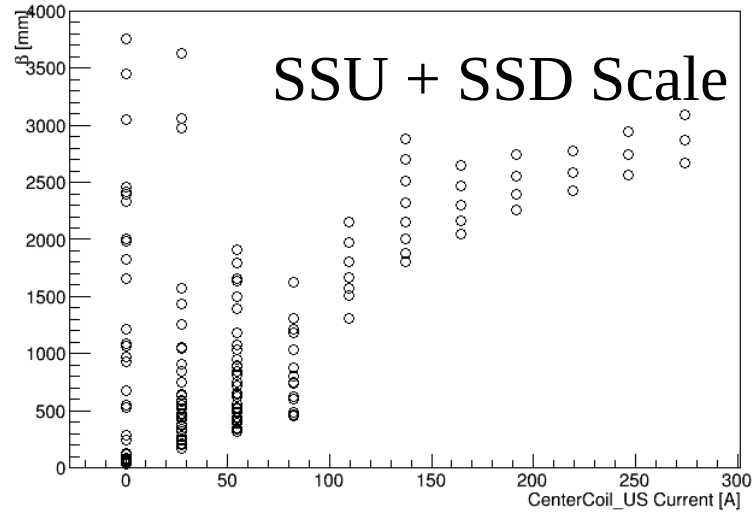


## SSD reduced vs SSU and SSD symmetrically reduced

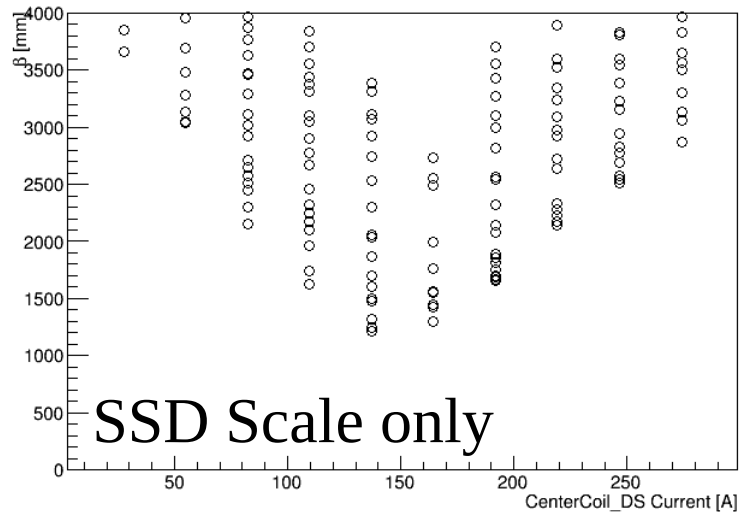
momentum=200.0 CenterCoil\_DS<=0.0



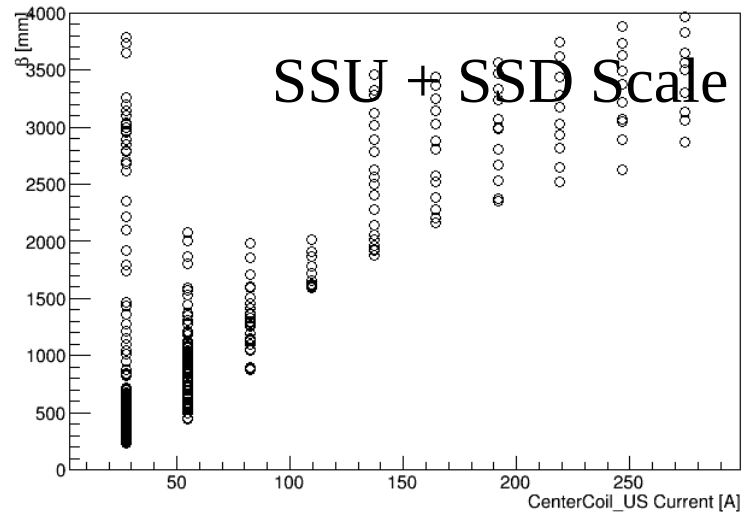
momentum=200.0 CenterCoil\_DS<=0.0



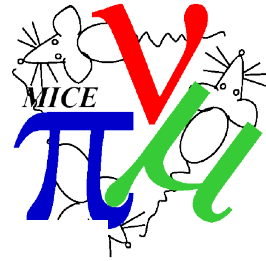
momentum=200.0 CenterCoil\_DS>=0.0



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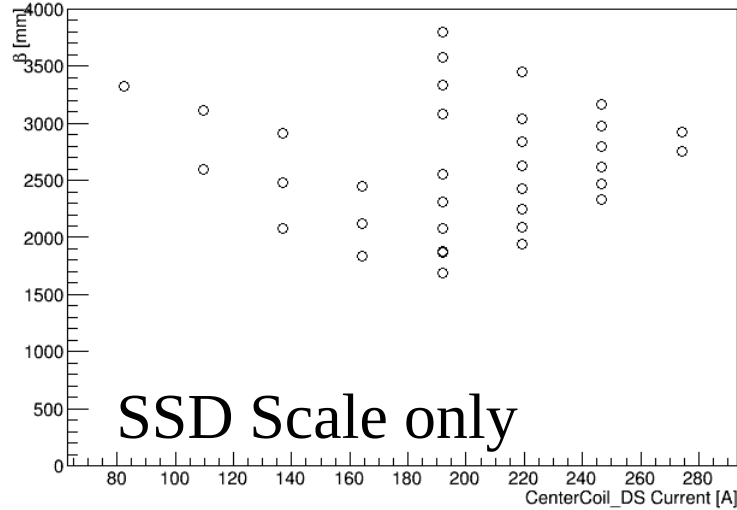


# Intro

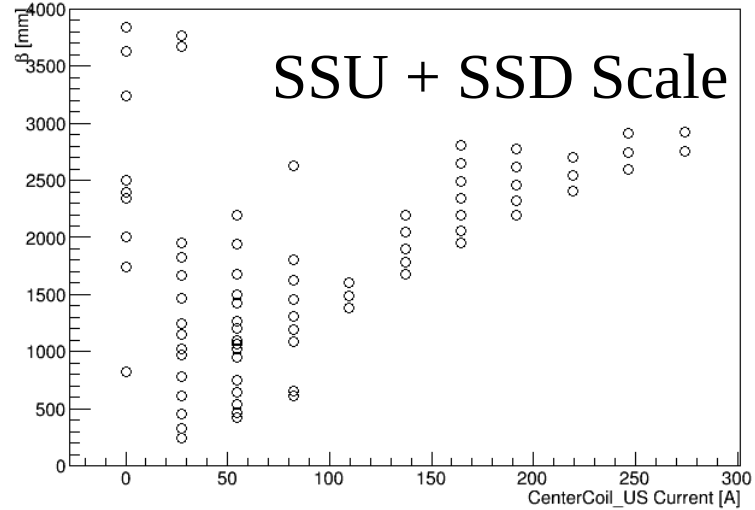


## SSD reduced vs SSU and SSD symmetrically reduced

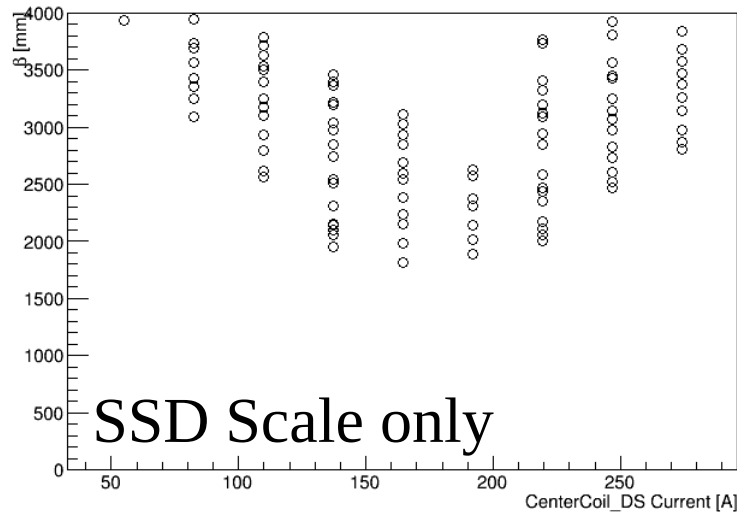
momentum=240.0 CenterCoil\_DS<=0.0



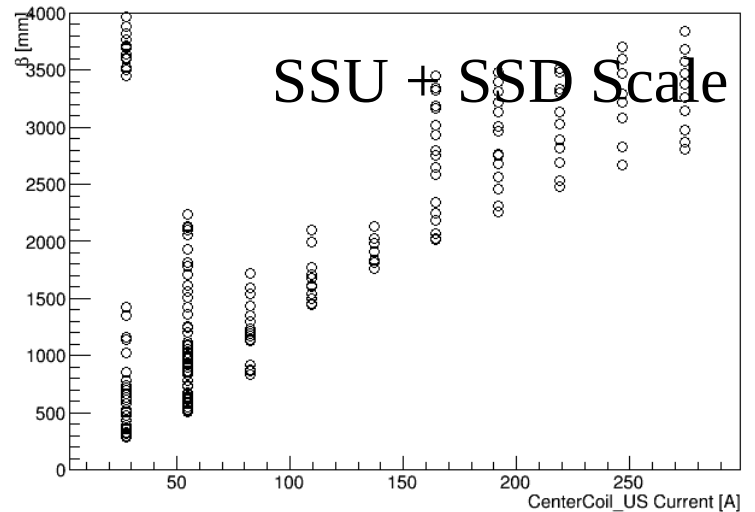
momentum=240.0 CenterCoil\_DS<=0.0



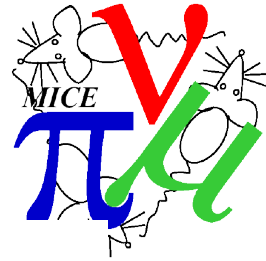
momentum=240.0 CenterCoil\_DS>=0.0



momentum=240.0 CenterCoil\_DS>=0.0

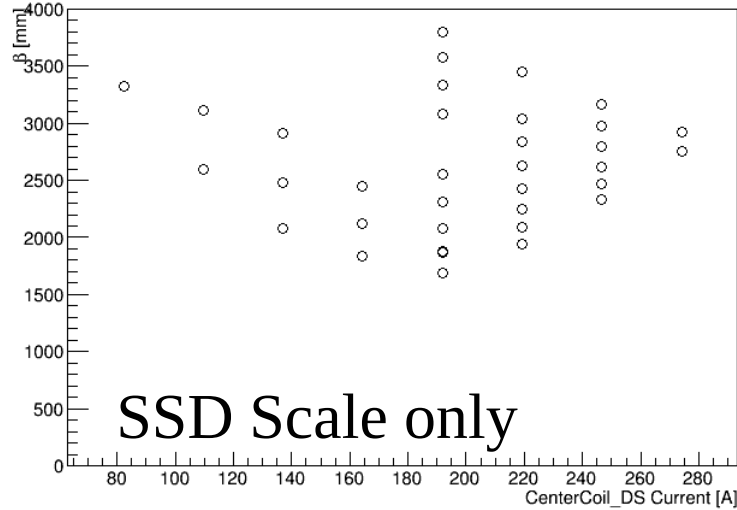


# Intro

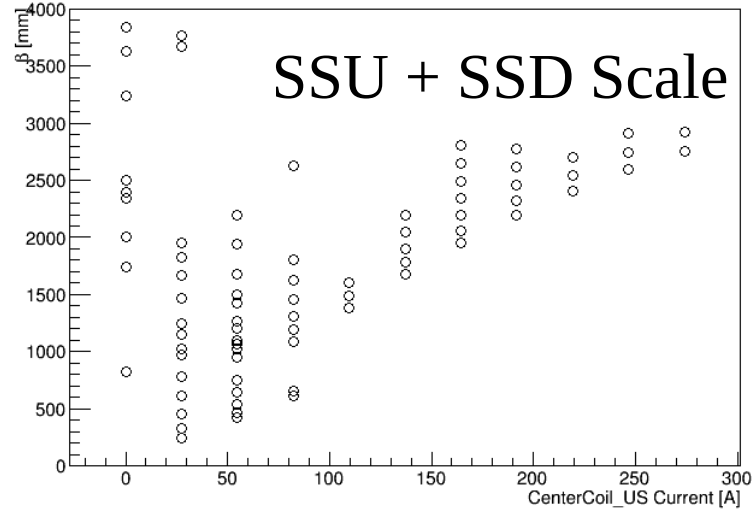


## SSD reduced vs SSU and SSD symmetrically reduced

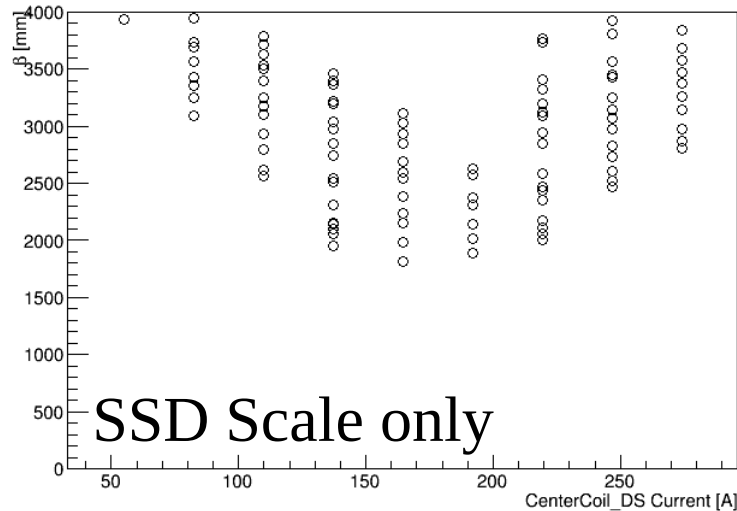
momentum=240.0 CenterCoil\_DS<=0.0



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momentum=240.0 CenterCoil\_DS>=0.0



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