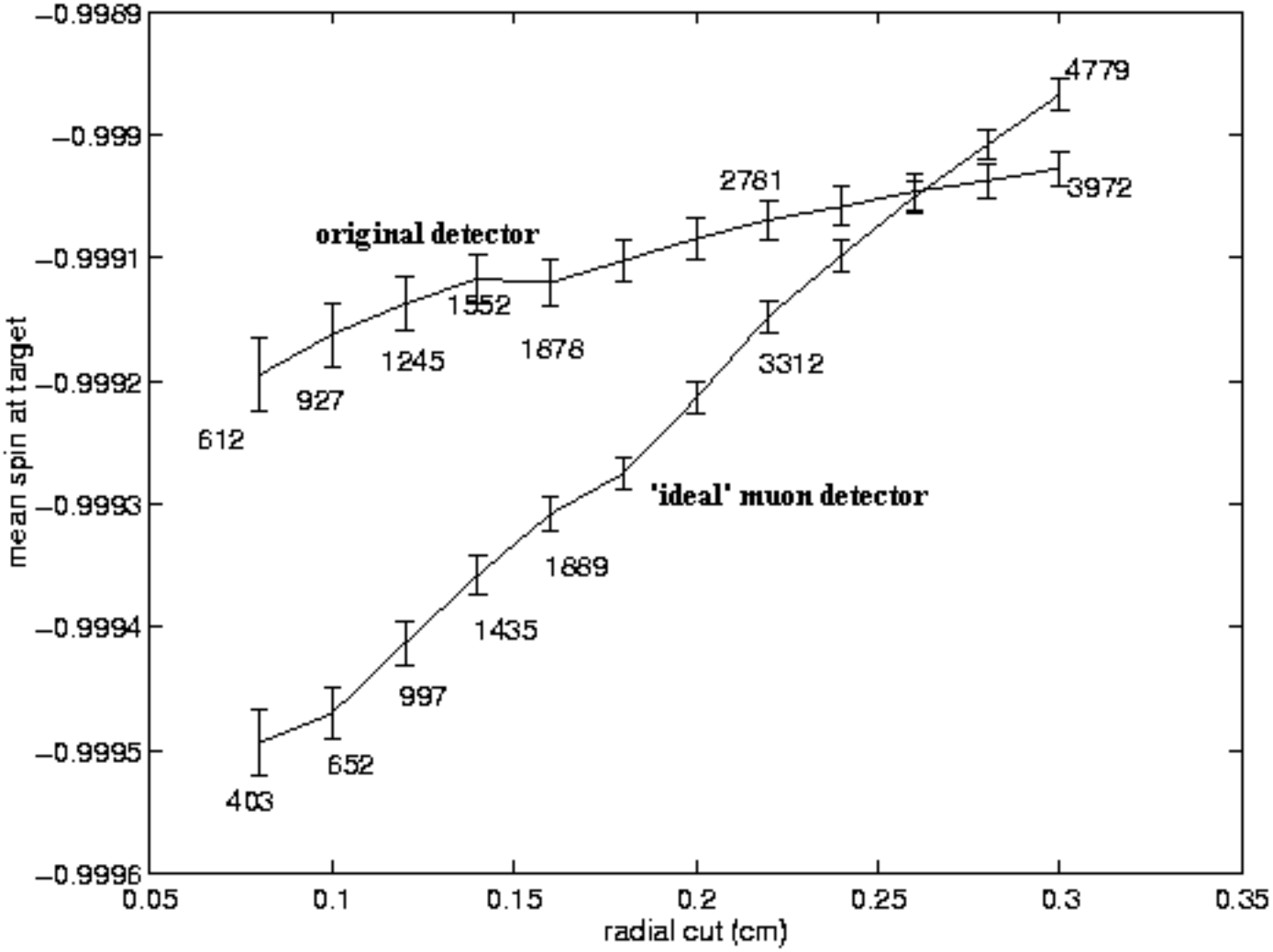

Figure 14: a comparison of the number of statistics remaining after similar cuts on helix radii are made to data fitted using each detector. The plot for the original detector is for a fit made using the first nine chambers of the detector. Ten thousand events were run for each case; chi-squared was restricted to eliminate any bad fits. The error bars are from the RMS values of each data point divided by the square root of the number of entries contributing to that point.