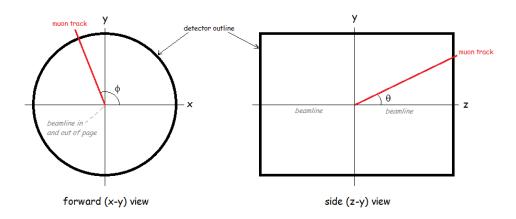
World Wide Data Day

Data Tally Sheet

Operator(s):				
Experiment (check one):	ATLAS	CMS	Data set:	

Materials needed: internet-connected computer, protractor

Measurements to make:



Tallies for angle ϕ (place tick mark for each angle of a muon track measured closest to one of these below):

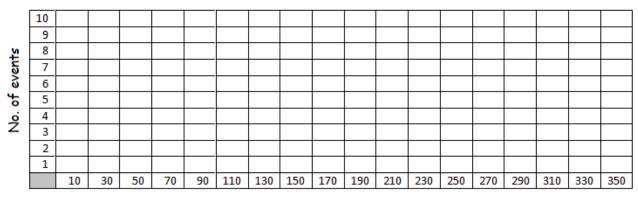
Angle (degrees)	Tick marks	Angle (degrees)	Tick marks
10		190	
30		210	
50		230	
70		250	
90		270	
110		290	
130		310	
150		330	
170		350	

Tallies for angle θ (place tick mark for each angle of a muon track measured closest to one of these below):

Angle (degrees)	Tick marks
10	
30	
50	
70	
90	
110	
130	
150	
170	

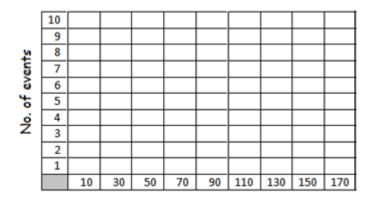
Make histograms from your own data!

Phi (φ):



Angle (degrees)

Theta (θ):



Angle (degrees)

Contribute to the World Wide histograms!

Add the tallies for each angle in both measurements for your class and add them to the Google sheet indicated in the W2D2 site at http://tiny.cc/w2d2-2017.