

Name: \_\_\_\_\_

Lab: Elementary Particles

Grader: \_\_\_\_\_

Grading Rubric	Subscore	Maximum	Score	Total		
<b>Title Page</b>				<b>5</b>		
<b>Results / Discussion</b>				<b>70</b>		
Find the rest mass of Z (CERN)		5				
X and Y momentum components		5				
How does your value compare with. . .?		5				
Find the rest mass of Z (SLAC)		5				
Momentum components and Energy		5				
How does your value compare with. . .?		5				
Find the rest mass of W (CERN)		5				
How does your value compare with. . .?		5				
Find the rest mass of J / psi		5				
Rest mass of upsilon		5				
Was this a particular upsilon a Y, Y', or Y''		5				
Find the rest mass of the top quark		10				
Significant Figures		5				
Units (-1 every occurrence)						
Measurements w/o uncertainty (-1/2 every occurrence)						
<b>Total</b>						<b>75</b>