

Masterclass Event No.	ATLAS ID Nos.		Event Type (check one)				Calculated	Rounded
	Run	Event	Z	W - elec	W - muon	Zoo	Mass	Z Mass
1	186877	28999820					63.9283649	
2	186877	34220795					72.9863301	
3	186877	71393275					86.6191531	
4	186877	101802089					67.2225461	
5	186877	106715530					58.6522246	
6	186877	110264237					93.0737312	
7	186877	124271201					48.0979448	
8	186877	134104503					79.3730511	
9	186877	136779788					93.0443322	
10	186877	150728053					85.2109714	
11	186877	151527981					87.4853185	
12	186877	151604194					90.6383262	
13	186877	153056857					91.9462654	
14	186877	155323983					62.855522	
15	186877	160420998					91.3620719	
16	186877	168496253					65.405181	
17	186877	179382245					59.7706261	
18	186877	179679569					93.0439714	
19	186877	182644738					89.3240707	
20	186877	183249600					87.7572666	
21	186877	191334665					72.6154822	
22	186877	195775835					58.0289427	
23	186877	200923298					52.7246031	
24	186877	201468923					49.4156793	
25	186877	202064640					76.3850346	
26	186878	8378926					62.9903463	
27	186878	8619371					91.8782597	
28	186878	10142552					77.9947022	
29	186878	11349802					165.679849	
30	186878	11970607					90.0983435	
31	186923	22926517					49.7542487	
32	186923	23720715					90.3203629	
33	186923	30472189					88.9270263	
34	186923	36598579					58.2681413	
35	186923	46424734					62.9486492	
36	186923	50813905					72.9874479	
37	186923	52632984					79.6714479	
38	186923	53279497					58.4235947	
39	186923	62252124					54.0703461	
40	186923	82579207					90.1566797	

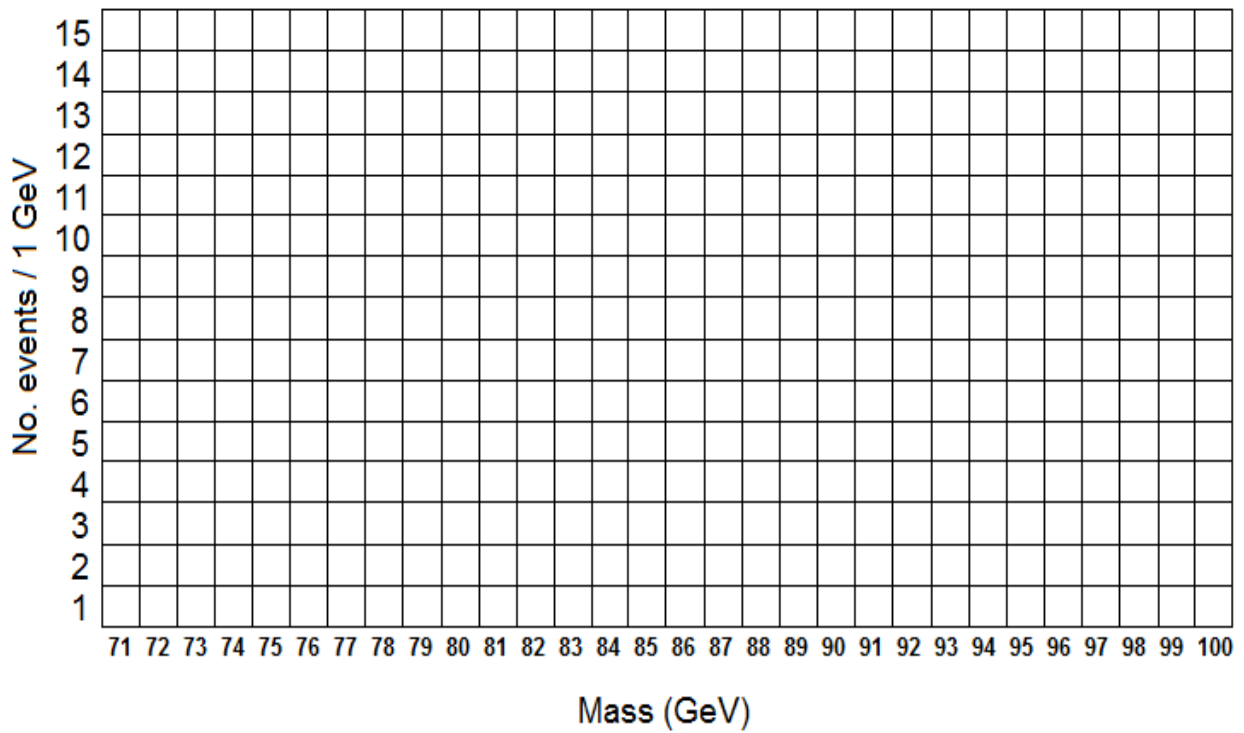
Count the total number of W-electron candidates and the total number of W-muon candidates.

Calculate electron-to-muon ratio:

No. e	No. μ	e/μ

Contribute your numbers of e and μ to group totals.

Your Z mass plot:



Place an X in the appropriate mass bin for each event. Start from the bottom so that the vertical axis represents the number of events in that bin.

Contribute the total number of events in each bin to the group mass plot.