

ATLAS Expt. at the LHC

Teacher's sheet for recognising the 20 events in Minerva (after 5 tutorial events)

Event Number	$W \rightarrow e \nu$	$W \rightarrow \mu \nu$	$Z \rightarrow e e$	$Z \rightarrow \mu \mu$	$H \rightarrow 4l$ ($l=e,\mu$)	Background
1	X					
2		X				
3						X
4						X
5	X					
6						X
7		X				
8			X			
9						X
10		X				
11		X				
12	X					
13						X
14	X					
15						X
16					X	
17						X
18	X					
19		X				
20						X
TOTALS	5	5	1		1	8