

Timestamp	Lecture	Slide No.	My Question
8/24/2021 10:24:51	2	48	What is STSX / what does it stand for?
8/24/2021 10:30:02	2	49	Upper right plot. Data is below expectations near 90 GeV - the amount is not many sigmas but not so different from Higgs in red - is it related to modeling of Z?
8/24/2021 10:40:52	2	57. kappa vs mass plot	Is there any COMMON uncertainty among the data points? And are these correlations taken into account in determining the p-value of 47%?
8/24/2021 10:46:06	2	59. Higgs coupling to charm,	If I remember right, kappa refers to coupling and mu refers to rate. I would naively expect mu to scale as kappa-sqaure. And therefore kappe of 8.5 to imply mu of ~65. How does one translate mu=26 to kappa=8.5?
8/24/2021 10:53:45	2	64	What is the difference between "direct search" and the other options?
8/24/2021 11:07:35	2	75. Higgs invisible decays.	All but one solid lines (observed) are less stringent than dotted lines (expected). Is it luck or bad luck? Or is there a reason for this?
8/24/2021 11:19:42	2	60	For LHCb to realize this sensitivity with full HL-LHC lumi like ATLAS/CMS, what's the detector upgrade implication from <pileup>- a few to >100 ?