

Table 5: Covariance matrix for the NNPDF uncertainty. As the same uncertainty is used for both years only 13 invariant mass bins are given, but the full matrix is 26 by 26. The elements have been multiplied by a factor of 10^6 .

$m_{\mu\mu}$ [GeV]	60 -72	72 -81	81 -86	86 -88	88 -89	89 -90	90 -91	91 -92	92 -93	93 -94	94 -98	98 -120	120 -160
60 -72	94.83	48.27	9.64	0.16	1.79	-11.27	-16.48	-23.09	-34.35	-48.71	-51.67	-81.26	-121.66
72 -81	48.27	46.52	7.52	4.37	0.15	-4.92	-6.08	-13.76	-19.71	-23.62	-29.85	-49.45	-54.30
81 -86	9.64	7.52	11.53	2.11	-0.23	-1.11	-1.64	-2.49	-3.01	-6.56	-8.06	-13.88	-14.03
86 -88	0.16	4.37	2.11	14.42	-2.04	2.19	3.18	-1.13	1.59	9.23	2.36	5.84	25.35
88 -89	1.79	0.15	-0.23	-2.04	10.96	-0.75	-0.42	-0.23	-0.70	-3.58	0.10	-2.59	-5.92
89 -90	-11.27	-4.92	-1.11	2.19	-0.75	12.30	5.16	3.42	7.19	12.95	8.78	22.84	47.00
90 -91	-16.48	-6.08	-1.64	3.18	-0.42	5.16	12.94	7.30	11.08	20.62	16.39	32.45	61.07
91 -92	-23.09	-13.76	-2.49	-1.13	-0.23	3.42	7.30	13.53	12.99	21.28	22.30	36.99	53.66
92 -93	-34.35	-19.71	-3.01	1.59	-0.70	7.19	11.08	12.99	23.50	30.96	29.71	50.55	83.26
93 -94	-48.71	-23.62	-6.56	9.23	-3.58	12.95	20.62	21.28	30.96	76.25	50.87	94.64	172.16
94 -98	-51.67	-29.85	-8.06	2.36	0.10	8.78	16.39	22.30	29.71	50.87	60.28	88.13	144.97
98 -120	-81.26	-49.45	-13.88	5.84	-2.59	22.84	32.45	36.99	50.55	94.64	88.13	186.94	297.44
120 -160	-121.66	-54.30	-14.03	25.35	-5.92	47.00	61.07	53.66	83.26	172.16	144.97	297.44	685.86