

Z boson $p_T$	Electron			Muon			Combined		
	R(c/j)	R(b/j)	R(c/b)	R(c/j)	R(b/j)	R(c/b)	R(c/j)	R(b/j)	R(c/b)
0–20	$0.066 \pm 0.003 \pm 0.010$	$0.0371 \pm 0.0008 \pm 0.0012$	$1.767 \pm 0.085 \pm 0.265$	$0.061 \pm 0.003 \pm 0.010$	$0.0348 \pm 0.0006 \pm 0.0012$	$1.772 \pm 0.101 \pm 0.265$	$0.064 \pm 0.002 \pm 0.010$	$0.0357 \pm 0.0005 \pm 0.0012$	$1.782 \pm 0.071 \pm 0.265$
20–30	$0.095 \pm 0.005 \pm 0.014$	$0.0505 \pm 0.0010 \pm 0.0016$	$1.725 \pm 0.081 \pm 0.282$	$0.088 \pm 0.004 \pm 0.014$	$0.0509 \pm 0.0008 \pm 0.0016$	$1.885 \pm 0.106 \pm 0.282$	$0.091 \pm 0.003 \pm 0.014$	$0.0509 \pm 0.0007 \pm 0.0016$	$1.796 \pm 0.070 \pm 0.282$
30–40	$0.089 \pm 0.004 \pm 0.009$	$0.0502 \pm 0.0009 \pm 0.0014$	$1.665 \pm 0.073 \pm 0.189$	$0.083 \pm 0.003 \pm 0.009$	$0.0500 \pm 0.0007 \pm 0.0014$	$1.781 \pm 0.094 \pm 0.189$	$0.085 \pm 0.003 \pm 0.009$	$0.0501 \pm 0.0006 \pm 0.0014$	$1.706 \pm 0.062 \pm 0.189$
40–50	$0.086 \pm 0.004 \pm 0.009$	$0.0537 \pm 0.0010 \pm 0.0015$	$1.527 \pm 0.067 \pm 0.168$	$0.084 \pm 0.003 \pm 0.009$	$0.0547 \pm 0.0008 \pm 0.0015$	$1.597 \pm 0.085 \pm 0.168$	$0.084 \pm 0.003 \pm 0.009$	$0.0543 \pm 0.0007 \pm 0.0015$	$1.552 \pm 0.057 \pm 0.168$
50–60	$0.102 \pm 0.005 \pm 0.008$	$0.0593 \pm 0.0010 \pm 0.0015$	$1.500 \pm 0.067 \pm 0.151$	$0.090 \pm 0.004 \pm 0.008$	$0.0598 \pm 0.0008 \pm 0.0015$	$1.714 \pm 0.087 \pm 0.151$	$0.095 \pm 0.003 \pm 0.008$	$0.0596 \pm 0.0007 \pm 0.0015$	$1.587 \pm 0.057 \pm 0.151$
60–70	$0.103 \pm 0.005 \pm 0.008$	$0.0631 \pm 0.0011 \pm 0.0015$	$1.407 \pm 0.063 \pm 0.144$	$0.091 \pm 0.004 \pm 0.008$	$0.0648 \pm 0.0009 \pm 0.0015$	$1.636 \pm 0.083 \pm 0.144$	$0.096 \pm 0.003 \pm 0.008$	$0.0641 \pm 0.0007 \pm 0.0015$	$1.498 \pm 0.053 \pm 0.144$
70–90	$0.112 \pm 0.005 \pm 0.008$	$0.0627 \pm 0.0011 \pm 0.0015$	$1.489 \pm 0.070 \pm 0.156$	$0.098 \pm 0.004 \pm 0.008$	$0.0658 \pm 0.0009 \pm 0.0015$	$1.786 \pm 0.094 \pm 0.156$	$0.104 \pm 0.003 \pm 0.008$	$0.0646 \pm 0.0008 \pm 0.0015$	$1.604 \pm 0.062 \pm 0.156$
90–120	$0.096 \pm 0.008 \pm 0.007$	$0.0724 \pm 0.0017 \pm 0.0019$	$1.665 \pm 0.104 \pm 0.129$	$0.115 \pm 0.006 \pm 0.007$	$0.0690 \pm 0.0014 \pm 0.0019$	$1.325 \pm 0.115 \pm 0.129$	$0.107 \pm 0.005 \pm 0.007$	$0.0704 \pm 0.0012 \pm 0.0019$	$1.519 \pm 0.081 \pm 0.129$
120–150	$0.099 \pm 0.008 \pm 0.007$	$0.0755 \pm 0.0018 \pm 0.0019$	$1.692 \pm 0.108 \pm 0.127$	$0.116 \pm 0.007 \pm 0.007$	$0.0685 \pm 0.0015 \pm 0.0019$	$1.306 \pm 0.115 \pm 0.127$	$0.109 \pm 0.005 \pm 0.007$	$0.0712 \pm 0.0013 \pm 0.0019$	$1.526 \pm 0.084 \pm 0.127$
150–200	$0.114 \pm 0.009 \pm 0.009$	$0.0710 \pm 0.0017 \pm 0.0018$	$1.928 \pm 0.123 \pm 0.156$	$0.136 \pm 0.008 \pm 0.009$	$0.0708 \pm 0.0015 \pm 0.0018$	$1.606 \pm 0.141 \pm 0.156$	$0.127 \pm 0.006 \pm 0.009$	$0.0709 \pm 0.0013 \pm 0.0018$	$1.791 \pm 0.098 \pm 0.156$