

Fundamental Tables					Advanced Table								
Cat.	$L_T + p_T^{\text{miss}}$		S_T	Bins	0 b tag				1 b tag			≥ 2 b tag	
	Range	Bins	Range		p_T^{miss}	H_T	S_T Range	Bins	p_T^{miss}	S_T Range	Bins	S_T Range	Bins
A1	[0,800]	1-4	[50,1650]	1-8	< 125	< 150	[100,700]	1-3	< 125	[100,1100]	1-5	[50,1250]	1-6
					< 125	> 150	[200,1000]	4-7	> 125	[150,1350]	6-11		
					> 125	< 150	[250,650]	8-9	> 125	[150,1350]	6-11		
					> 125	> 150	[350,1150]	10-13					
A2	[50,450]	5-6	[150,750]	9-11	—	—	[150,750]	14-16	—	—	—	—	—
A3	[50,1650]	7-14	[150,2750]	12-24	> 125	< 150	[50,1450]	17-23	> 125	[300,2100]	12-20	[350,1750]	7-13
					> 125	> 150	[250,2650]	24-35					
A4	[100,900]	15-18	[50,1850]	25-33	< 125	< 150	[50,650]	36-38	< 125	[0,1200]	21-26	[100,1300]	14-19
					< 125	> 150	[150,1350]	39-44					
					> 125	< 150	[100,700]	45-47	> 125	[100,1500]	27-33		
					> 125	> 150	[300,1500]	48-53					
A5	[150,1150]	19-23	[0,1800]	34-42	< 125	< 150	[0,1000]	54-58	< 125	[100,1100]	34-38	[100,1300]	20-25
					< 125	> 150	[150,1150]	59-63					
					> 125	< 150	[100,900]	64-67	> 125	[200,1200]	39-43		
					> 125	> 150	[300,1300]	68-72					
A6	[50,850]	24-27	[0,1400]	43-49	< 125	< 150	[50,650]	73-75	< 125	[150,950]	44-48	[300,1100]	26-29
					< 125	> 150	[200,1000]	76-79					
					> 125	< 150	[200,800]	80-82	> 125	[350,1150]	49-51		
					> 125	> 150	[500,1100]	83-85					
A7	[0,1000]	28-32	[150,1750]	50-57	< 125	< 150	[50,650]	86-88	< 125	[150,1150]	52-56	[150,1350]	30-35
					< 125	> 150	[150,950]	89-92					
					> 125	< 150	[150,750]	93-95	> 125	[350,1350]	57-61		
					> 125	> 150	[350,1350]	96-100					
A8	[100,500]	33-34	[50,650]	58-60	—	—	[50,650]	101-103	—	—	—	—	—
A9	[150,1350]	35-40	[150,2150]	61-70	< 125	< 150	[150,2150]	104-108	< 125	[300,1300]	62-66	[450,1250]	36-39
					< 125	> 150	[400,1800]	109-115					
					> 125	< 150	[200,1000]	116-119	> 125	[350,1350]	67-71		
					> 125	> 150	[500,1700]	120-125					
A10	[100,1100]	41-45	[0,1800]	71-79	< 125	< 150	[0,800]	126-129	< 125	[150,1150]	72-76	[250,1250]	40-44
					< 125	> 150	[200,1400]	130-135					
					> 125	< 150	[150,950]	136-139	> 125	[300,1300]	77-81		
					> 125	> 150	[300,1500]	140-145					
A11	[0,1400]	46-52	[50,2050]	80-89	< 125	< 150	[50,1250]	146-151	< 125	[200,1400]	82-87	[200,1600]	45-51
					< 125	> 150	[200,1600]	152-158					
					> 125	< 150	[200,1200]	159-163	> 125	[300,1500]	88-93		
					> 125	> 150	[400,1800]	164-170					
A12	[100,1100]	53-57	[150,1750]	90-97	< 125	< 150	[100,900]	171-174	< 125	[100,1100]	94-98	[350,1150]	52-55
					< 125	> 150	[250,1450]	175-180					
					> 125	< 150	[300,900]	181-183	> 125	[500,1300]	99-102		
					> 125	> 150	[450,1450]	184-188					