

Bin	$H_T^{\text{miss}}$ [GeV]	$H_T$ [GeV]	$N_{\text{jet}}$	$N_{\text{b-jet}}$	Lost- $e/\mu$	$\tau \rightarrow \text{had}$	$Z \rightarrow \nu\bar{\nu}$	QCD	Total Pred.	Obs.
1	300-350	300-500	3-4	0	982.79 <sup>+27.42+100.46</sup> <sub>-27.40-96.29</sub>	747.76 <sup>+17.76+106.14</sup> <sub>-17.75-104.72</sub>	3146.17 <sup>+32.76+216.64</sup> <sub>-32.76-189.53</sub>	65.83 <sup>+3.92+88.42</sup> <sub>-3.71-62.12</sub>	4942.54 <sup>+55.95+273.84</sup> <sub>-55.91-244.99</sub>	5180
2	300-350	500-1000	3-4	0	395.00 <sup>+14.86+41.80</sup> <sub>-14.84-39.66</sub>	323.84 <sup>+10.70+63.25</sup> <sub>-10.69-62.82</sub>	856.54 <sup>+16.29+58.61</sup> <sub>-16.29-51.73</sub>	95.96 <sup>+2.03+65.19</sup> <sub>-1.97-59.19</sub>	1671.34 <sup>+30.37+114.91</sup> <sub>-30.37-115.57</sub>	1780
3	300-350	1000+	3-4	0	25.45 <sup>+4.31+3.20</sup> <sub>-4.21-3.08</sub>	18.99 <sup>+2.96+3.31</sup> <sub>-2.92-3.28</sub>	63.03 <sup>+4.64+90.12</sup> <sub>-4.63-77.22</sub>	32.40 <sup>+0.79+1.19</sup> <sub>-0.77-1.12</sub>	139.87 <sup>+8.56+13.59</sup> <sub>-8.44-12.35</sub>	146
4	350-500	350-500	3-4	0	483.67 <sup>+19.64+49.75</sup> <sub>-19.61-47.27</sub>	319.42 <sup>+11.88+69.28</sup> <sub>-11.87-68.85</sub>	1910.25 <sup>+26.37+122.49</sup> <sub>-26.37-106.77</sub>	9.48 <sup>+1.34+14.18</sup> <sub>-1.18-8.30</sub>	2722.81 <sup>+41.12+148.93</sup> <sub>-41.08-135.81</sub>	2834
5	350-500	500-1000	3-4	0	507.79 <sup>+16.14+55.78</sup> <sub>-16.12-53.36</sub>	464.24 <sup>+14.85+71.23</sup> <sub>-14.14-70.40</sub>	1757.37 <sup>+24.62+110.19</sup> <sub>-24.62-97.23</sub>	38.78 <sup>+1.15+30.54</sup> <sub>-1.12-30.54</sub>	2768.18 <sup>+39.05+144.50</sup> <sub>-39.03-134.87</sub>	2819
6	350-500	1000+	3-4	0	37.67 <sup>+5.17+5.36</sup> <sub>-5.09-5.25</sub>	28.90 <sup>+3.94+5.10</sup> <sub>-3.92-5.05</sub>	115.94 <sup>+6.31+16.27</sup> <sub>-6.31-12.51</sub>	22.55 <sup>+0.58+7.35</sup> <sub>-0.57-7.35</sub>	205.06 <sup>+11.10+10.04</sup> <sub>-11.07-9.94</sub>	202
7	500-750	500-1000	3-4	0	120.67 <sup>+8.41+13.81</sup> <sub>-8.36-13.23</sub>	100.58 <sup>+6.25+16.10</sup> <sub>-6.24-15.92</sub>	749.87 <sup>+16.73+63.83</sup> <sub>-16.73-46.26</sub>	7.42 <sup>+0.81+8.80</sup> <sub>-0.74-8.60</sub>	978.54 <sup>+22.26+67.68</sup> <sub>-22.27-51.12</sub>	1070
8	500-750	1000+	3-4	0	11.55 <sup>+2.35+1.67</sup> <sub>-2.20-1.61</sub>	10.94 <sup>+2.17+1.99</sup> <sub>-2.12-1.96</sub>	78.30 <sup>+5.55+10.90</sup> <sub>-5.55-8.33</sub>	3.56 <sup>+0.21+2.20</sup> <sub>-0.20-2.20</sub>	104.35 <sup>+7.16+11.41</sup> <sub>-7.04-8.98</sub>	93
9	750+	750-1500	3-4	0	10.55 <sup>+2.59+1.67</sup> <sub>-2.45-1.58</sub>	9.76 <sup>+2.02+1.99</sup> <sub>-1.97-1.98</sub>	102.65 <sup>+6.31+17.94</sup> <sub>-6.31-12.06</sub>	0.98 <sup>+0.33+0.96</sup> <sub>-0.25-0.73</sub>	123.94 <sup>+7.82+18.14</sup> <sub>-7.70-12.34</sub>	134
10	750+	1500+	3-4	0	0.39 <sup>+0.92+0.13</sup> <sub>-0.90-0.16</sub>	0.53 <sup>+0.54+0.16</sup> <sub>-0.53-0.16</sub>	5.84 <sup>+1.62+1.34</sup> <sub>-1.62-1.03</sub>	0.25 <sup>+0.05+0.15</sup> <sub>-0.17-0.05</sub>	7.01 <sup>+2.18+1.35</sup> <sub>-1.78-1.05</sub>	11
11	300-350	300-500	3-4	1	305.22 <sup>+15.32+36.88</sup> <sub>-15.27-35.69</sub>	244.04 <sup>+9.60+32.56</sup> <sub>-9.59-31.94</sub>	522.07 <sup>+30.48+55.05</sup> <sub>-30.48-52.22</sub>	9.79 <sup>+1.65+13.41</sup> <sub>-1.43-8.36</sub>	1081.12 <sup>+39.40+74.19</sup> <sub>-39.36-71.35</sub>	1009
12	300-350	500-1000	3-4	1	125.06 <sup>+9.34+14.92</sup> <sub>-9.30-14.33</sub>	104.63 <sup>+5.57+18.11</sup> <sub>-5.55-17.91</sub>	153.28 <sup>+9.28+16.12</sup> <sub>-9.28-15.10</sub>	29.51 <sup>+1.17+20.10</sup> <sub>-1.17-12.10</sub>	412.47 <sup>+17.59+34.50</sup> <sub>-17.54-34.14</sub>	411
13	300-350	1000+	3-4	1	6.43 <sup>+2.19+1.00</sup> <sub>-1.92-0.94</sub>	6.33 <sup>+1.66+1.20</sup> <sub>-1.59-1.18</sub>	11.56 <sup>+1.05+1.89</sup> <sub>-1.05-1.58</sub>	13.80 <sup>+5.12+3.88</sup> <sub>-5.00-3.88</sub>	38.12 <sup>+4.02+4.58</sup> <sub>-3.71-4.46</sub>	35
14	350-500	350-500	3-4	1	133.92 <sup>+11.37+16.79</sup> <sub>-11.28-16.16</sub>	102.69 <sup>+6.46+17.06</sup> <sub>-6.44-16.82</sub>	313.82 <sup>+18.54+32.14</sup> <sub>-18.50-30.43</sub>	0.62 <sup>+0.48+1.17</sup> <sub>-0.46-1.16</sub>	551.05 <sup>+25.72+39.73</sup> <sub>-25.66-38.47</sub>	512
15	350-500	500-1000	3-4	1	113.34 <sup>+7.91+12.30</sup> <sub>-7.86-11.76</sub>	129.52 <sup>+6.63+18.17</sup> <sub>-6.62-17.83</sub>	307.37 <sup>+18.17+31.21</sup> <sub>-18.17-29.86</sub>	13.01 <sup>+0.74+10.48</sup> <sub>-0.71-10.48</sub>	563.23 <sup>+23.29+39.24</sup> <sub>-23.25-38.18</sub>	607
16	350-500	1000+	3-4	1	12.18 <sup>+3.65+1.70</sup> <sub>-3.52-1.61</sub>	9.25 <sup>+1.96+1.79</sup> <sub>-1.91-1.76</sub>	20.99 <sup>+1.66+3.39</sup> <sub>-1.66-2.89</sub>	7.63 <sup>+0.33+2.42</sup> <sub>-0.32-2.42</sub>	50.05 <sup>+5.86+4.80</sup> <sub>-5.68-4.42</sub>	47
17	500-750	500-1000	3-4	1	29.30 <sup>+4.52+3.70</sup> <sub>-4.43-3.47</sub>	22.30 <sup>+2.62+3.76</sup> <sub>-2.58-3.70</sub>	127.35 <sup>+7.85+14.86</sup> <sub>-7.85-12.85</sub>	2.27 <sup>+0.45+2.69</sup> <sub>-0.38-1.89</sub>	181.21 <sup>+10.62+15.93</sup> <sub>-10.53-13.95</sub>	200
18	500-750	1000+	3-4	1	4.40 <sup>+2.24+1.32</sup> <sub>-2.08-1.30</sub>	4.11 <sup>+1.31+0.91</sup> <sub>-1.21-0.90</sub>	14.35 <sup>+1.31+2.30</sup> <sub>-1.31-1.91</sub>	1.07 <sup>+0.12+0.66</sup> <sub>-0.12-0.66</sub>	23.93 <sup>+3.78+2.87</sup> <sub>-3.65-2.87</sub>	27
19	750+	750-1500	3-4	1	1.11 <sup>+1.05+0.22</sup> <sub>-0.66-0.22</sub>	2.49 <sup>+1.07+0.49</sup> <sub>-0.96-0.48</sub>	17.75 <sup>+1.49+3.41</sup> <sub>-1.49-2.52</sub>	0.42 <sup>+0.24+0.41</sup> <sub>-0.16-0.26</sub>	21.77 <sup>+2.60+3.48</sup> <sub>-2.21-2.59</sub>	30
20	750+	1500+	3-4	1	0.04 <sup>+0.81+0.00</sup> <sub>-0.00-0.00</sub>	0.04 <sup>+0.46+0.02</sup> <sub>-0.04-0.00</sub>	1.05 <sup>+0.30+0.25</sup> <sub>-0.30-0.20</sub>	0.11 <sup>+0.03+0.07</sup> <sub>-0.03-0.07</sub>	1.20 <sup>+1.31+0.26</sup> <sub>-0.30-0.21</sub>	4
21	300-350	300-500	3-4	2	51.63 <sup>+6.77+6.80</sup> <sub>-6.64-6.59</sub>	56.65 <sup>+4.85+9.94</sup> <sub>-4.83-9.81</sub>	54.66 <sup>+9.09+7.85</sup> <sub>-9.09-7.67</sub>	1.11 <sup>+0.72+1.71</sup> <sub>-0.47-0.64</sub>	164.04 <sup>+14.77+14.29</sup> <sub>-14.65-14.08</sub>	195
22	300-350	500-1000	3-4	2	27.33 <sup>+4.82+4.01</sup> <sub>-4.69-3.93</sub>	32.84 <sup>+3.94+9.81</sup> <sub>-3.91-9.85</sub>	16.53 <sup>+2.76+2.33</sup> <sub>-2.72-2.31</sub>	4.97 <sup>+0.51+3.40</sup> <sub>-0.46-3.40</sub>	81.68 <sup>+9.19+8.17</sup> <sub>-9.16-8.16</sub>	77
23	300-350	1000+	3-4	2	0.00 <sup>+1.24+0.00</sup> <sub>-1.00-0.00</sub>	1.00 <sup>+0.75+0.23</sup> <sub>-0.59-0.35</sub>	1.26 <sup>+0.23+0.24</sup> <sub>-0.23-0.21</sub>	3.97 <sup>+0.38+1.95</sup> <sub>-0.35-1.95</sub>	6.23 <sup>+2.04+1.99</sup> <sub>-0.72-1.99</sub>	2
24	350-500	350-500	3-4	2	16.73 <sup>+4.86+3.38</sup> <sub>-4.58-3.32</sub>	20.48 <sup>+3.09+3.77</sup> <sub>-3.05-3.72</sub>	32.72 <sup>+5.45+4.63</sup> <sub>-5.45-4.51</sub>	0.39 <sup>+0.42+0.63</sup> <sub>-0.22-0.17</sub>	70.32 <sup>+9.64+6.83</sup> <sub>-9.38-6.72</sub>	65
25	350-500	500-1000	3-4	2	43.24 <sup>+5.59+5.28</sup> <sub>-5.47-5.06</sub>	37.67 <sup>+4.07+6.54</sup> <sub>-4.04-6.45</sub>	32.86 <sup>+5.47+4.63</sup> <sub>-5.47-4.52</sub>	1.92 <sup>+0.31+1.59</sup> <sub>-0.27-1.59</sub>	115.70 <sup>+11.10+9.55</sup> <sub>-10.98-9.50</sub>	109
26	350-500	1000+	3-4	2	1.37 <sup>+1.17+0.30</sup> <sub>-0.70-0.20</sub>	5.79 <sup>+1.99+1.72</sup> <sub>-1.94-1.71</sub>	2.27 <sup>+0.40+0.43</sup> <sub>-0.40-0.38</sub>	1.42 <sup>+0.15+0.45</sup> <sub>-0.14-0.44</sub>	10.86 <sup>+3.19+1.84</sup> <sub>-3.19-1.84</sub>	9
27	500-750	500-1000	3-4	2	2.56 <sup>+2.07+0.47</sup> <sub>-1.56-0.45</sub>	3.35 <sup>+1.08+0.70</sup> <sub>-0.98-0.69</sub>	13.46 <sup>+2.25+1.89</sup> <sub>-2.25-1.89</sub>	0.24 <sup>+0.20+0.34</sup> <sub>-0.12-0.12</sub>	19.61 <sup>+3.88+2.23</sup> <sub>-3.29-2.06</sub>	22
28	500-750	1000+	3-4	2	1.79 <sup>+1.46+0.53</sup> <sub>-1.08-0.50</sub>	1.00 <sup>+0.81+0.32</sup> <sub>-0.67-0.32</sub>	1.56 <sup>+0.28+0.29</sup> <sub>-0.28-0.26</sub>	0.09 <sup>+0.07+0.10</sup> <sub>-0.04-0.05</sub>	4.43 <sup>+2.29+0.67</sup> <sub>-1.77-0.65</sub>	6
29	750+	750-1500	3-4	2	0.00 <sup>+1.00+0.00</sup> <sub>-0.00-0.00</sub>	0.28 <sup>+0.49+0.11</sup> <sub>-0.18-0.10</sub>	1.89 <sup>+0.33+0.41</sup> <sub>-0.33-0.33</sub>	0.00 <sup>+0.25+0.00</sup> <sub>-0.00-0.00</sub>	2.17 <sup>+1.55+0.42</sup> <sub>-0.38-0.34</sub>	2
30	750+	1500+	3-4	2	0.00 <sup>+0.88+0.00</sup> <sub>-0.00-0.00</sub>	0.00 <sup>+0.46+0.00</sup> <sub>-0.00-0.00</sub>	0.11 <sup>+0.04+0.03</sup> <sub>-0.04-0.02</sub>	0.08 <sup>+0.16+0.10</sup> <sub>-0.07-0.02</sub>	0.19 <sup>+1.35+0.11</sup> <sub>-0.07-0.02</sub>	1
31	300-350	300-500	3-4	3+	4.06 <sup>+2.30+0.53</sup> <sub>-1.89-0.50</sub>	5.25 <sup>+1.72+1.79</sup> <sub>-1.65-1.79</sub>	3.64 <sup>+2.10+0.82</sup> <sub>-2.10-0.81</sub>	0.63 <sup>+0.61+0.89</sup> <sub>-0.34-0.29</sub>	13.58 <sup>+4.58+2.21</sup> <sub>-4.14-2.04</sub>	10
32	300-350	500-1000	3-4	3+	3.70 <sup>+2.43+0.43</sup> <sub>-2.15-0.42</sub>	2.28 <sup>+0.71+0.78</sup> <sub>-0.55-0.78</sub>	1.87 <sup>+1.08+0.42</sup> <sub>-1.08-0.42</sub>	0.76 <sup>+0.33+0.66</sup> <sub>-0.24-0.52</sub>	8.62 <sup>+3.34+1.18</sup> <sub>-2.92-1.10</sub>	3
33	300-350	1000+	3-4	3+	0.00 <sup>+1.39+0.00</sup> <sub>-0.00-0.00</sub>	0.01 <sup>+0.46+0.01</sup> <sub>-0.01-0.00</sub>	0.16 <sup>+0.09+0.04</sup> <sub>-0.09-0.04</sub>	0.86 <sup>+0.35+0.70</sup> <sub>-0.26-0.60</sub>	1.03 <sup>+1.88+0.70</sup> <sub>-0.27-0.61</sub>	0
34	350-500	350-500	3-4	3+	0.00 <sup>+1.64+0.00</sup> <sub>-0.00-0.00</sub>	3.12 <sup>+1.25+1.19</sup> <sub>-1.16-1.18</sub>	1.96 <sup>+1.13+0.44</sup> <sub>-1.13-0.40</sub>	0.00 <sup>+0.27+0.00</sup> <sub>-0.00-0.26</sub>	5.08 <sup>+3.11+1.26</sup> <sub>-1.60-1.26</sub>	3
35	350-500	500-1000	3-4	3+	4.29 <sup>+2.45+1.00</sup> <sub>-2.14-0.77</sub>	3.40 <sup>+1.08+1.17</sup> <sub>-0.98-1.16</sub>	3.28 <sup>+1.89+0.73</sup> <sub>-1.89-0.72</sub>	0.00 <sup>+0.06+0.00</sup> <sub>-0.00-0.00</sub>	10.97 <sup>+4.00+1.57</sup> <sub>-3.65-1.57</sub>	12
36	350-500	1000+	3-4	3+	0.00 <sup>+0.96+0.00</sup> <sub>-0.00-0.00</sub>	0.12 <sup>+0.47+0.10</sup> <sub>-0.07-0.05</sub>	0.27 <sup>+0.16+0.07</sup> <sub>-0.16-0.07</sub>	0.63 <sup>+0.20+0.47</sup> <sub>-0.16-0.47</sub>	1.02 <sup>+1.45+0.48</sup> <sub>-0.23-0.48</sub>	2
37	500-750	500-1000	3-4	3+	0.00 <sup>+1.33+0.00</sup> <sub>-0.00-0.00</sub>	0.19 <sup>+0.48+0.09</sup> <sub>-0.13-0.06</sub>	1.10 <sup>+0.63+0.25</sup> <sub>-0.63-0.24</sub>	0.00 <sup>+0.12+0.00</sup> <sub>-0.00-0.00</sub>	1.29 <sup>+1.92+0.26</sup> <sub>-0.65-0.25</sub>	2
38	500-750	1000+	3-4	3+	0.00 <sup>+0.99+0.00</sup> <sub>-0.00-0.00</sub>	0.03 <sup>+0.46+0.02</sup> <sub>-0.03-0.02</sub>	0.20 <sup>+0.11+0.05</sup> <sub>-0.11-0.05</sub>	0.06 <sup>+0.12+0.07</sup> <sub>-0.11-0.05</sub>	0.29 <sup>+1.46+0.09</sup> <sub>-0.11-0.05</sub>	0
39	750+	750-1500	3-4	3+	0.00 <sup>+0.93+0.00</sup> <sub>-0.00-0.00</sub>	0.01 <sup>+0.46+0.01</sup> <sub>-0.01-0.00</sub>	0.18 <sup>+0.10+0.05</sup> <sub>-0.10-0.04</sub>	0.00 <sup>+0.37+0.00</sup> <sub>-0.00-0.00</sub>	0.19 <sup>+1.44+0.05</sup> <sub>-0.10-0.04</sub>	0
40	750+	1500+	3-4	3+	0.00 <sup>+0.86+0.00</sup> <sub>-0.00-0.00</sub>	0.00 <sup>+0.46+0.00</sup> <sub>-0.00-0.00</sub>	0.01 <sup>+0.01+0.00</sup> <sub>-0.01-0.00</sub>	0.00 <sup>+0.01+0.00</sup> <sub>-0.00-0.00</sub>	0.01 <sup>+1.32+0.00</sup> <sub>-0.01-0.00</sub>	0