

		BDT				
		0. - 0.25	0.25 - 0.5	0.5 - 0.75	0.75 - 1.	
Invariant mass [ MeV/c <sup>2</sup> ]	5212 - 5232	Expected comb. bkg	614.2 <sup>+7.5</sup> <sub>-7.0</sub>	7.23 <sup>+0.77</sup> <sub>-0.68</sub>	1.31 <sup>+0.46</sup> <sub>-0.40</sub>	0.123 <sup>+0.107</sup> <sub>-0.072</sub>
	Expected peak. bkg	0.203 <sup>+0.038</sup> <sub>-0.034</sub>	0.206 <sup>+0.038</sup> <sub>-0.034</sub>	0.203 <sup>+0.037</sup> <sub>-0.034</sub>	0.205 <sup>+0.038</sup> <sub>-0.034</sub>	
	Cross-feed	0.0056 <sup>+0.0021</sup> <sub>-0.0020</sub>	0.00312 <sup>+0.00119</sup> <sub>-0.00087</sub>	0.00391 <sup>+0.00107</sup> <sub>-0.00078</sub>	0.00387 <sup>+0.00122</sup> <sub>-0.00092</sub>	
	Expected signal	0.0070 <sup>+0.0027</sup> <sub>-0.0026</sub>	0.0039 <sup>+0.0015</sup> <sub>-0.0011</sub>	0.0049 <sup>+0.0014</sup> <sub>-0.0010</sub>	0.0048 <sup>+0.0016</sup> <sub>-0.0012</sub>	
	Observed	554	6	0	2	
	5232 - 5252	Expected comb. bkg	605.0 <sup>+7.2</sup> <sub>-6.8</sub>	7.17 <sup>+0.74</sup> <sub>-0.65</sub>	1.29 <sup>+0.44</sup> <sub>-0.39</sub>	0.121 <sup>+0.102</sup> <sub>-0.072</sub>
	Expected peak. bkg	0.281 <sup>+0.056</sup> <sub>-0.049</sub>	0.279 <sup>+0.056</sup> <sub>-0.049</sub>	0.280 <sup>+0.056</sup> <sub>-0.049</sub>	0.280 <sup>+0.058</sup> <sub>-0.050</sub>	
	Cross-feed	0.0071 <sup>+0.0027</sup> <sub>-0.0026</sub>	0.0039 <sup>+0.0015</sup> <sub>-0.0011</sub>	0.00496 <sup>+0.00134</sup> <sub>-0.00099</sub>	0.0049 <sup>+0.0016</sup> <sub>-0.0012</sub>	
	Expected signal	0.0241 <sup>+0.0086</sup> <sub>-0.0087</sub>	0.0135 <sup>+0.0048</sup> <sub>-0.0037</sub>	0.0169 <sup>+0.0042</sup> <sub>-0.0031</sub>	0.0167 <sup>+0.0050</sup> <sub>-0.0037</sub>	
	Observed	556	4	2	1	
	5252 - 5272	Expected comb. bkg	595.9 <sup>+7.0</sup> <sub>-6.5</sub>	7.10 <sup>+0.71</sup> <sub>-0.63</sub>	1.26 <sup>+0.42</sup> <sub>-0.37</sub>	0.119 <sup>+0.097</sup> <sub>-0.072</sub>
	Expected peak. bkg	0.323 <sup>+0.075</sup> <sub>-0.061</sub>	0.326 <sup>+0.074</sup> <sub>-0.061</sub>	0.324 <sup>+0.072</sup> <sub>-0.060</sub>	0.325 <sup>+0.075</sup> <sub>-0.062</sub>	
	Cross-feed	0.0097 <sup>+0.0036</sup> <sub>-0.0035</sub>	0.0054 <sup>+0.0021</sup> <sub>-0.0015</sub>	0.0068 <sup>+0.0018</sup> <sub>-0.0013</sub>	0.0067 <sup>+0.0021</sup> <sub>-0.0016</sub>	
	Expected signal	0.045 <sup>+0.016</sup> <sub>-0.016</sub>	0.0252 <sup>+0.0088</sup> <sub>-0.0067</sub>	0.0317 <sup>+0.0077</sup> <sub>-0.0057</sub>	0.0313 <sup>+0.0093</sup> <sub>-0.0068</sub>	
	Observed	588	11	1	0	
	5272 - 5292	Expected comb. bkg	586.9 <sup>+6.7</sup> <sub>-6.3</sub>	7.04 <sup>+0.68</sup> <sub>-0.60</sub>	1.23 <sup>+0.41</sup> <sub>-0.36</sub>	0.117 <sup>+0.092</sup> <sub>-0.071</sub>
	Expected peak. bkg	0.252 <sup>+0.058</sup> <sub>-0.047</sub>	0.252 <sup>+0.056</sup> <sub>-0.046</sub>	0.253 <sup>+0.059</sup> <sub>-0.048</sub>	0.250 <sup>+0.056</sup> <sub>-0.046</sub>	
	Cross-feed	0.0154 <sup>+0.0058</sup> <sub>-0.0055</sub>	0.0086 <sup>+0.0033</sup> <sub>-0.0024</sub>	0.0108 <sup>+0.0029</sup> <sub>-0.0021</sub>	0.0106 <sup>+0.0033</sup> <sub>-0.0025</sub>	
	Expected signal	0.045 <sup>+0.016</sup> <sub>-0.016</sub>	0.0251 <sup>+0.0089</sup> <sub>-0.0067</sub>	0.0317 <sup>+0.0077</sup> <sub>-0.0057</sub>	0.0313 <sup>+0.0092</sup> <sub>-0.0069</sub>	
	Observed	616	5	2	1	
5292 - 5312	Expected comb. bkg	578.1 <sup>+6.5</sup> <sub>-6.1</sub>	6.98 <sup>+0.66</sup> <sub>-0.58</sub>	1.20 <sup>+0.39</sup> <sub>-0.35</sub>	0.114 <sup>+0.087</sup> <sub>-0.067</sub>	
Expected peak. bkg	0.124 <sup>+0.023</sup> <sub>-0.021</sub>	0.124 <sup>+0.023</sup> <sub>-0.021</sub>	0.123 <sup>+0.023</sup> <sub>-0.021</sub>	0.124 <sup>+0.023</sup> <sub>-0.021</sub>		
Cross-feed	0.038 <sup>+0.015</sup> <sub>-0.014</sub>	0.0214 <sup>+0.0086</sup> <sub>-0.0061</sub>	0.0270 <sup>+0.0080</sup> <sub>-0.0056</sub>	0.0266 <sup>+0.0089</sup> <sub>-0.0064</sub>		
Expected signal	0.0241 <sup>+0.0086</sup> <sub>-0.0087</sub>	0.0134 <sup>+0.0048</sup> <sub>-0.0036</sub>	0.0169 <sup>+0.0042</sup> <sub>-0.0030</sub>	0.0167 <sup>+0.0050</sup> <sub>-0.0037</sub>		
Observed	549	7	0	0		
5312 - 5332	Expected comb. bkg	569.3 <sup>+6.3</sup> <sub>-5.9</sub>	6.92 <sup>+0.63</sup> <sub>-0.57</sub>	1.18 <sup>+0.38</sup> <sub>-0.34</sub>	0.111 <sup>+0.083</sup> <sub>-0.064</sub>	
Expected peak. bkg	0.047 <sup>+0.023</sup> <sub>-0.012</sub>	0.047 <sup>+0.022</sup> <sub>-0.012</sub>	0.047 <sup>+0.021</sup> <sub>-0.012</sub>	0.047 <sup>+0.021</sup> <sub>-0.012</sub>		
Cross-feed	0.149 <sup>+0.055</sup> <sub>-0.054</sub>	0.083 <sup>+0.031</sup> <sub>-0.022</sub>	0.104 <sup>+0.027</sup> <sub>-0.019</sub>	0.103 <sup>+0.031</sup> <sub>-0.023</sub>		
Expected signal	0.0068 <sup>+0.0028</sup> <sub>-0.0026</sub>	0.0038 <sup>+0.0015</sup> <sub>-0.0011</sub>	0.0048 <sup>+0.0014</sup> <sub>-0.0010</sub>	0.0048 <sup>+0.0016</sup> <sub>-0.0012</sub>		
Observed	509	10	1	1		