

| p_T (GeV/ c) | η | $A_P(B^0)$ | $A_P(B^0 \rightarrow J/\psi K^{*0})$ | $A_P(B^0 \rightarrow D^- \pi^+)$ |
|--------------------|------------|---------------------------------|--------------------------------------|----------------------------------|
| (1.0, 4.0) | (4.5, 5.2) | $0.0016 \pm 0.0253 \pm 0.0016$ | 0.0037 ± 0.0260 | -0.0331 ± 0.1044 |
| (1.0, 4.0) | (3.7, 4.5) | $-0.0158 \pm 0.0162 \pm 0.0015$ | -0.0161 ± 0.0170 | -0.0130 ± 0.0519 |
| (2.0, 4.0) | (3.0, 3.7) | $0.0055 \pm 0.0254 \pm 0.0016$ | 0.0078 ± 0.0271 | -0.0114 ± 0.0738 |
| (4.0, 12.0) | (4.5, 4.7) | $0.0160 \pm 0.0736 \pm 0.0067$ | -0.0489 ± 0.0840 | 0.2353 ± 0.1529 |
| (4.0, 7.0) | (3.7, 4.5) | $-0.0189 \pm 0.0158 \pm 0.0032$ | -0.0221 ± 0.0184 | -0.0099 ± 0.0310 |
| (4.0, 7.0) | (3.0, 3.7) | $-0.0311 \pm 0.0132 \pm 0.0014$ | -0.0342 ± 0.0160 | -0.0245 ± 0.0232 |
| (4.0, 7.0) | (2.5, 3.0) | $0.0556 \pm 0.0254 \pm 0.0020$ | 0.0703 ± 0.0324 | 0.0321 ± 0.0408 |
| (7.0, 12.0) | (3.7, 4.5) | $-0.0145 \pm 0.0205 \pm 0.0027$ | -0.0364 ± 0.0269 | 0.0161 ± 0.0316 |
| (7.0, 12.0) | (3.0, 3.7) | $-0.0142 \pm 0.0111 \pm 0.0015$ | -0.0067 ± 0.0173 | -0.0196 ± 0.0146 |
| (7.0, 12.0) | (2.5, 3.0) | $-0.0236 \pm 0.0138 \pm 0.0014$ | -0.0341 ± 0.0228 | -0.0175 ± 0.0173 |
| (7.0, 12.0) | (2.2, 2.5) | $-0.0190 \pm 0.0348 \pm 0.0034$ | -0.0397 ± 0.0623 | -0.0096 ± 0.0420 |
| (12.0, 30.0) | (3.7, 4.5) | $-0.0550 \pm 0.0473 \pm 0.0020$ | -0.0195 ± 0.0649 | -0.0951 ± 0.0690 |
| (12.0, 30.0) | (3.0, 3.7) | $0.0067 \pm 0.0180 \pm 0.0021$ | -0.0193 ± 0.0311 | 0.0199 ± 0.0220 |
| (12.0, 30.0) | (2.5, 3.0) | $0.0177 \pm 0.0162 \pm 0.0023$ | 0.0295 ± 0.0314 | 0.0134 ± 0.0190 |
| (12.0, 30.0) | (2.0, 2.5) | $-0.0018 \pm 0.0236 \pm 0.0020$ | 0.0031 ± 0.0485 | -0.0033 ± 0.0270 |
| (0.2, 1.0) | (4.5, 6.0) | $-0.0391 \pm 0.0501 \pm 0.0016$ | -0.0391 ± 0.0501 | — |
| (1.0, 2.2) | (5.2, 6.0) | $0.0523 \pm 0.0684 \pm 0.0025$ | 0.0523 ± 0.0684 | — |