

| Uncertainty source           | Prompt $J/\psi$ |         | Nonprompt $J/\psi$ |         | Prompt $\psi(2S)$ |           |
|------------------------------|-----------------|---------|--------------------|---------|-------------------|-----------|
|                              | $v_2$           | $v_3$   | $v_2$              | $v_3$   | $v_2$             | $v_3$     |
| Total systematic             | 1.3–5.2         | 2.2–5.3 | 1.9–8.1            | 3.3–9.1 | 32.0–63.0         | 30.0–82.0 |
| Signal parameters            | 0.4–3.0         | 0.1–3.0 | 0.9–5.0            | 0.1–3.0 | 3.0–10.0          | 10.0–30.0 |
| Event selection              | 0.1–5.0         | 0.2–3.0 | 0.9–6.0            | 0.3–2.0 | 10.0–30.0         | 5.0–20.0  |
| Nonprompt $J/\psi$ fraction  | 0.3–4.0         | 0.8–4.0 | 0.4–6.0            | 2.0–9.0 | —                 | —         |
| Nonprompt $\psi(2S)$ contam. | —               | —       | —                  | —       | 20.0–50.0         | 10.0–40.0 |
| Background $v_n$             | —               | —       | —                  | —       | 1.0–20.0          | 0.7–50.0  |