

| Source                                | Uncertainty (%) |
|---------------------------------------|-----------------|
| Acceptance ( $r_{\text{acc}}$ )       | $\pm 0.3$       |
| Selection ( $r_{\text{reco}}$ )       | $\pm 1.4$       |
| PID efficiencies ( $r_{\text{PID}}$ ) | $\pm 2.7$       |
| Trigger ( $r_{\text{trig}}$ )         | $\pm 0.8$       |
| $B$ mass window                       | $\pm 0.9$       |
| Background                            | +4.5<br>-2.0    |
| Visible fraction of vector mesons     | $\pm 1.0$       |
| Quadratic sum of above                | +5.4<br>-3.3    |
| $f_s/f_d$                             | +7.9<br>-7.5    |