

| $\kappa_q$ | Scenario            | Observed                      |                             | Expected                          |                           |
|------------|---------------------|-------------------------------|-----------------------------|-----------------------------------|---------------------------|
|            |                     | 68% CL                        | 95% CL                      | 68% CL                            | 95% CL                    |
| $\kappa_u$ | All free            | $(0.0 \pm 1.7) \times 10^3$   | $[-3.0, 3.0] \times 10^3$   | $(0.0^{+2.4}_{-2.6}) \times 10^3$ | $[-4.3, 4.3] \times 10^3$ |
| $\kappa_u$ | $ \kappa_V  \leq 1$ | $(0.0 \pm 1.4) \times 10^3$   | $[-2.1, 2.1] \times 10^3$   | $(0.0 \pm 1.7) \times 10^3$       | $[-2.5, 2.5] \times 10^3$ |
| $\kappa_d$ | All free            | $(0.00 \pm 0.90) \times 10^3$ | $[-1.60, 1.60] \times 10^3$ | $(0.0 \pm 1.3) \times 10^3$       | $[-2.2, 2.2] \times 10^3$ |
| $\kappa_d$ | $ \kappa_V  \leq 1$ | $(0.0 \pm 6.0) \times 10^2$   | $[-8.6, 8.6] \times 10^2$   | $(0.0 \pm 6.8) \times 10^2$       | $[-9.6, 9.5] \times 10^2$ |
| $\kappa_s$ | All free            | $0^{+61}_{-64}$               | $[-98, 94]$                 | $1^{+76}_{-81}$                   | $[-116, 112]$             |
| $\kappa_s$ | $ \kappa_V  \leq 1$ | $0^{+26}_{-28}$               | $[-38, 36]$                 | $1^{+27}_{-30}$                   | $[-40, 39]$               |
| $\kappa_c$ | All free            | $-0.4 \pm 5.7$                | $[-8.6, 7.5]$               | $1.0^{+5.1}_{-7.9}$               | $[-9.6, 8.3]$             |
| $\kappa_c$ | $ \kappa_V  \leq 1$ | $-0.3^{+2.3}_{-2.2}$          | $[-3.3, 2.8]$               | $1.0^{+1.2}_{-3.5}$               | $[-3.5, 2.9]$             |