

| Parameters                   | Exp. limit    | Obs. limit    | $U_{\text{bound}}$ |
|------------------------------|---------------|---------------|--------------------|
| $f_{\text{M},0} / \Lambda^4$ | $[-8.1, 8.0]$ | $[-7.7, 7.6]$ | 1.0                |
| $f_{\text{M},1} / \Lambda^4$ | $[-12, 12]$   | $[-11, 11]$   | 1.2                |
| $f_{\text{M},2} / \Lambda^4$ | $[-2.8, 2.8]$ | $[-2.7, 2.7]$ | 1.3                |
| $f_{\text{M},3} / \Lambda^4$ | $[-4.4, 4.4]$ | $[-4.0, 4.1]$ | 1.5                |
| $f_{\text{M},4} / \Lambda^4$ | $[-5.0, 5.0]$ | $[-4.7, 4.7]$ | 1.5                |
| $f_{\text{M},5} / \Lambda^4$ | $[-8.3, 8.3]$ | $[-7.9, 7.7]$ | 1.8                |
| $f_{\text{M},6} / \Lambda^4$ | $[-16, 16]$   | $[-15, 15]$   | 1.0                |
| $f_{\text{M},7} / \Lambda^4$ | $[-21, 20]$   | $[-19, 19]$   | 1.3                |
| $f_{\text{M},0} / \Lambda^4$ | $[-0.6, 0.6]$ | $[-0.6, 0.6]$ | 1.4                |
| $f_{\text{M},1} / \Lambda^4$ | $[-0.4, 0.4]$ | $[-0.3, 0.4]$ | 1.5                |
| $f_{\text{M},2} / \Lambda^4$ | $[-1.0, 1.2]$ | $[-1.0, 1.2]$ | 1.5                |
| $f_{\text{M},5} / \Lambda^4$ | $[-0.5, 0.5]$ | $[-0.4, 0.4]$ | 1.8                |
| $f_{\text{M},6} / \Lambda^4$ | $[-0.4, 0.4]$ | $[-0.3, 0.4]$ | 1.7                |
| $f_{\text{M},7} / \Lambda^4$ | $[-0.9, 0.9]$ | $[-0.8, 0.9]$ | 1.8                |