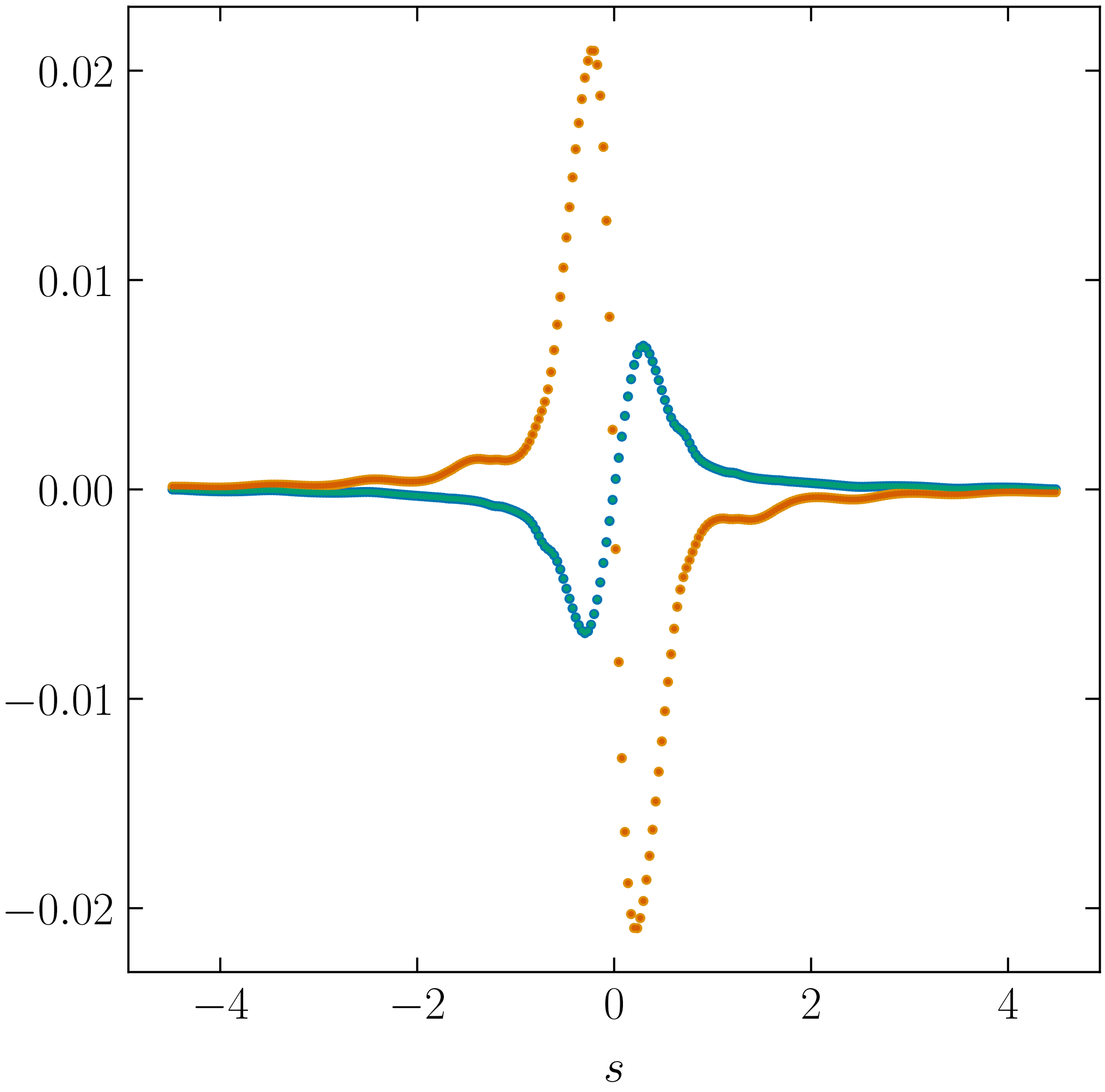$$E_{1\parallel} = \partial_t A_{1\parallel} \text{ for } \beta = 0.6\,\%$$