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Figure. The center-of-mass TOF spectra for the reaction of the silyl­id­yne radical (SiH(X2Π)) with methylacetylene-d4 (DCCCD3; X1A1) at an atomic hydrogen loss channel (SiC3D4, *m/z* = 72, left) and the fragmentation leading to 29SiC3D3+ (*m/z* = 71, right).