Table 3. Visibility of Nontrivial Odd Parts of Shafarevich-Tate Groups

| $A$ | dim | $S_l$ | $S_u$ | $\mathrm{moddeg}(A)^{\mathrm{odd}}$ | $B$ | dim | $A^\vee \cap \tilde{B}^\vee$ | Vis |
|---|---|---|---|---|---|---|---|---|
| **1877B** | 86 | $7^2$ | = | 1 | NONE | | | |
| **1887J** | 12 | $5^2$ | = | $5 \cdot 10825598693$ | **1887A** | 1 | $[20^2]$ | – |
| **1891H** | 40 | $7^4$ | = | $7^2 \cdot 44082137$ | **1891C** | 2 | $[4^2 196^2]$ | – |
| **1907D**∗ | 90 | $7^2$ | = | $7 \cdot 165$ | **1907A** | 1 | $[56^2]$ | $7^2$ |
| **1909D**∗ | 38 | $3^4$ | = | $3^2 \cdot 9317$ | **1909A** | 1 | $[18^2]$ | $3^4$ |
| **1913B**∗ | 1 | $3^2$ | = | $3 \cdot 103$ | **1913A** | 1 | $[3^2]$ | $3^2$ |
| **1913E** | 84 | $5^4 \cdot 61^2$ | = | $5^2 \cdot 61 \cdot 103$ | **1913A** | 1 | $[10^2]$ | – |
| | | | | | **1913C** | 2 | $[2^2 610^2]$ | – |
| **1919D** | 52 | $23^2$ | = | 675 | NONE | | | |
| **1927E** | 45 | $3^2$ | $3^4$ | 52667 | NONE | | | |
| **1933C** | 83 | $3^2 \cdot 7$ | $3^2 \cdot 7^2$ | $3 \cdot 7$ | **1933A** | 1 | $[42^2]$ | $3^2$ |
| **1943E** | 46 | $13^2$ | = | 62931125 | NONE | | | |
| **1945E**∗ | 34 | $3^2$ | = | $3 \cdot 571255479184807$ | **389A** | 1 | $[3^2]$ | $3^2$ |
| **1957E**∗ | 37 | $7^2 \cdot 11^2$ | = | $7 \cdot 11 \cdot 3481$ | **1957A** | 1 | $[22^2]$ | $11^2$ |
| | | | | | **1957B** | 1 | $[14^2]$ | $7^2$ |
| **1979C** | 104 | $19^2$ | = | 55 | NONE | | | |
| **1991C** | 49 | $7^2$ | = | 1634403663 | NONE | | | |
| **1994D** | 26 | 3 | $3^2$ | $3^2 \cdot 46197281414642501$ | **997B** | 1 | $[3^2]$ | – |
| **1997C** | 93 | $17^2$ | = | 1 | NONE | | | |
| **2001L** | 11 | $3^2$ | = | $3^2 \cdot 44513447$ | NONE | | | |
| **2006E** | 1 | $3^2$ | = | $3 \cdot 805$ | **2006D** | 1 | $[3^2]$ | – |
| **2014L** | 12 | $3^2$ | = | $3^2 \cdot 126381129003$ | **106A** | 1 | $[9^2]$ | – |
| **2021E** | 50 | $5^6$ | = | $5^2 \cdot 729$ | **2021A** | 1 | $[100^2]$ | $5^4$ |
| **2027C**∗ | 94 | $29^2$ | = | 29 | **2027A** | 1 | $[58^2]$ | $29^2$ |
| **2029C** | 90 | $5^2 \cdot 269^2$ | = | $5 \cdot 269$ | **2029A** | 2 | $[2^2 2690^2]$ | – |
| **2031H**∗ | 36 | $11^2$ | = | $11 \cdot 1014875952355$ | **2031C** | 1 | $[44^2]$ | $11^2$ |
| **2035K** | 16 | $11^2$ | = | $11 \cdot 218702421$ | **2035C** | 1 | $[11^1 22^1]$ | – |
| **2038F** | 25 | 5 | $5^2$ | $5^2 \cdot 92198576587$ | **2038A** | 1 | $[20^2]$ | – |
| | | | | | **1019B** | 1 | $[5^2]$ | – |
| **2039F** | 99 | $3^4 \cdot 5^2$ | = | 13741381043009 | NONE | | | |
| **2041C** | 43 | $3^4$ | = | 61889617 | NONE | | | |
| **2045I** | 39 | $3^4$ | = | $3^3 \cdot 3123399893$ | **2045C** | 1 | $[18^2]$ | – |
| | | | | | **409A** | 13 | $[9370199679^2]$ | – |
| **2049D** | 31 | $3^2$ | = | 29174705448000469937 | NONE | | | |
| **2051D** | 45 | $7^2$ | = | $7 \cdot 674652424406369$ | **2051A** | 1 | $[56^2]$ | – |
| **2059E** | 45 | $5 \cdot 7^2$ | $5^2 \cdot 7^2$ | $5^2 \cdot 7 \cdot 167359757$ | **2059A** | 1 | $[70^2]$ | – |
| **2063C** | 106 | $13^2$ | = | 8479 | NONE | | | |
| **2071F** | 48 | $13^2$ | = | 36348745 | NONE | | | |
| **2099B** | 106 | $3^2$ | = | 1 | NONE | | | |
| **2101F** | 46 | $5^2$ | = | $5 \cdot 11521429$ | **191A** | 2 | $[155^2]$ | – |
| **2103E** | 37 | $3^2 \cdot 11^2$ | = | $3^2 \cdot 11 \cdot 874412923071571792611$ | **2103B** | 1 | $[33^2]$ | $11^2$ |
| **2111B** | 112 | $211^2$ | = | 1 | NONE | | | |
| **2113B** | 91 | $7^2$ | = | 1 | NONE | | | |
| **2117E**∗ | 45 | $19^2$ | = | $19 \cdot 1078389$ | **2117A** | 1 | $[38^2]$ | $19^2$ |