

$$A_3(q) \bmod l, d = 2 \quad (l > 2)$$

	<i>ps</i>	<i>ps</i>	A_1^2	A_1	A_1^2
4	1	.	.	.	.
31	1	1	.	.	.
22	.	1	1	.	.
211	1	1	1	1	.
1111	1	.	.	1	1

References

[Jam90] G. James. The decomposition matrices of $\mathrm{GL}_n(q)$ for $n \leq 10$. *Proc. London Math. Soc.* (3), 60(2):225–265, 1990.