

$$D_7(q) \bmod l, d = 5$$

[illegible]

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|              | $ps$ | $D_4$ | $D_4$ | $D_4$ | $D_4$ | $D_4$ | $D_4$ | $D_4$ | $D_4$ | $D_4$ | $D_4$ |
|--------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 11.32        | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 21.31        | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| .3211        | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 22.3         | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 2.32         | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 1.33         | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 3.31         | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 111.4        | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 1.411        | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| .4111        | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 21.4         | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| .421         | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 3.4          | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| 1.51         | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| .511         | 1    | .     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| $D_4 : 111.$ | .    | 1     | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| $D_4 : 11.1$ | .    | .     | 1     | .     | .     | .     | .     | .     | .     | .     | .     |
| $D_4 : 1.11$ | .    | .     | .     | 1     | .     | .     | .     | .     | .     | .     | .     |
| $D_4 : .111$ | .    | .     | .     | .     | 1     | .     | .     | .     | .     | .     | .     |
| $D_4 : 21.$  | .    | .     | .     | .     | .     | 1     | .     | .     | .     | .     | .     |
| $D_4 : 1.2$  | .    | .     | .     | .     | .     | .     | 1     | .     | .     | .     | .     |
| $D_4 : 2.1$  | .    | .     | .     | .     | .     | .     | .     | 1     | .     | .     | .     |
| $D_4 : .21$  | .    | .     | .     | .     | .     | .     | .     | .     | 1     | .     | .     |
| $D_4 : 3.$   | .    | .     | .     | .     | .     | .     | .     | .     | .     | 1     | .     |
| $D_4 : .3$   | .    | .     | .     | .     | .     | .     | .     | .     | .     | .     | 1     |

## References

- [FS90] P. Fong and B. Srinivasan. Brauer trees in classical groups. *J. Algebra*, 131(1):179–225, 1990.