

$$B_4(q) \bmod l, d = 8$$

[illegible]

|             | $ps$ | $ps$ | $ps$ | $ps$ | $ps$ | $B_2$ | $B_2$ |
|-------------|------|------|------|------|------|-------|-------|
| 4.          | .    | .    | .    | .    | .    | .     | .     |
| 3.1         | .    | .    | .    | .    | .    | .     | .     |
| 2.11        | .    | .    | .    | .    | .    | .     | .     |
| 1.111       | .    | .    | .    | .    | .    | .     | .     |
| .1111       | .    | .    | .    | .    | .    | .     | .     |
| $B_2 : 2.$  | .    | .    | .    | .    | .    | .     | .     |
| $B_2 : 1.1$ | .    | .    | .    | .    | .    | .     | .     |
| $B_2 : .11$ | .    | .    | .    | .    | .    | .     | .     |
| 1111.       | .    | .    | .    | .    | .    | .     | .     |
| 111.1       | .    | .    | .    | .    | .    | .     | .     |
| 11.11       | .    | .    | .    | .    | .    | .     | .     |
| 211.        | .    | .    | .    | .    | .    | .     | .     |
| 11.2        | .    | .    | .    | .    | .    | .     | .     |
| 21.1        | .    | .    | .    | .    | .    | .     | .     |
| 1.21        | .    | .    | .    | .    | .    | .     | .     |
| .211        | .    | .    | .    | .    | .    | .     | .     |
| 22.         | .    | .    | .    | .    | .    | .     | .     |
| 2.2         | .    | .    | .    | .    | .    | .     | .     |
| .22         | 1    | .    | .    | .    | .    | .     | .     |
| 31.         | .    | 1    | .    | .    | .    | .     | .     |
| 1.3         | .    | .    | 1    | .    | .    | .     | .     |
| .31         | .    | .    | .    | 1    | .    | .     | .     |
| .4          | .    | .    | .    | .    | 1    | .     | .     |
| $B_2 : 11.$ | .    | .    | .    | .    | .    | 1     | .     |
| $B_2 : .2$  | .    | .    | .    | .    | .    | .     | 1     |

## References

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