M_{11}

M_{12}

M_{22}

M_{23}

M_{24}

J_1

$J(1), J(11)$

J_2

HJ

J_3

HJM

J_4

Co_1

$\cdot 1$

$Co_2 \cdot 2$

Co_3

$\cdot 3$

Fi_{22}

$M(22)$

Fi_{23}

$M(23)$

Fi_{24}'

$M(24)', F_{3+}$

HS

McL

Mc

He

F_7, HHM, HTH

Ru

Suz

Sz

$O'N$

$O'NS, O'S$

HN

F_5, D

Ly

LyS

Th

F_3, E

B

F_2, BM

M

F_1, M_1

$A_n(q), n \geq 1^{(1)}$

$PSL_{n+1}(q), L_{n+1}(q), A_n^+(q), U_{n+1}^+(q)$

${}^2A_n(q), n \geq 2^{(1)}$

$PSU_{n+1}(q), U_{n+1}(q), A_n^-(q), U_{n+1}^-(q)$

$B_n(q), n \geq 2^{(2),(5)}$

$O_{2n+1}(q), P\Omega_{2n+1}(q)$

$C_n(q), n \geq 3^{(2),(5)}$

$PSP_{2n}(q), S_{2n}(q)$

$D_n(q), n \geq 4^{(5)}$

$O_{2n}^+(q), P\Omega_{2n}^+(q)$

${}^2D_n(q), n \geq 4^{(5)}$

$O_{2n}^-(q), P\Omega_{2n}^-(q)$

${}^2B_n(q)^{(1),(3)}$

$Sz(q), {}^2B_2(\sqrt{q})$

${}^3D_4(q)$

$E_6(q)$

$E_6^+(q)$

${}^2E_6(q)$

$E_6^-(q)$

$E_7(q)$

$E_8(q)$

$F_4(q)$

${}^2F_4(q)^{(2),(3)} {}^2F_4(\sqrt{q})$

$G_2(q)^{(2)}$

${}^2G_2(q)^{(2),(4)} R(q), {}^2G_2(\sqrt{q})$

${}^2B_2(2)$

${}^2A_2(2)$

$A_1(3)$

$A_1(2)$

$G =$

$B_2(2) =$

$C_2(2)$

$G =$

$G_2(2)$