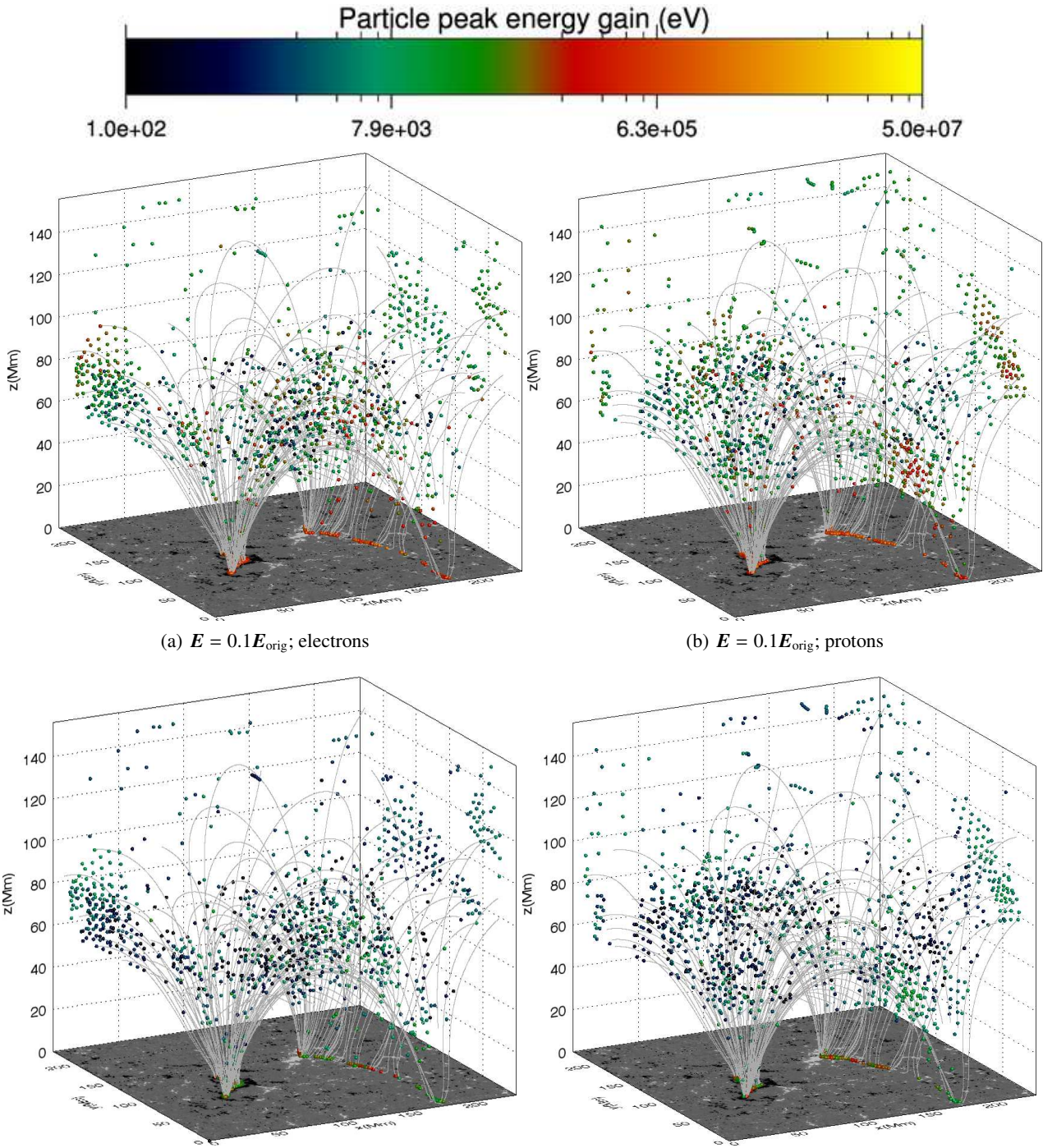

(a) $\boldsymbol{E} = 0.1\boldsymbol{E}_{\rm orig}$; electrons

(b) $\boldsymbol{E} = 0.1\boldsymbol{E}_{\rm orig}$; protons

(c) $\boldsymbol{E} = 0.01\boldsymbol{E}_{\rm orig}$; electrons

(d) $\boldsymbol{E} = 0.01\boldsymbol{E}_{\rm orig}$; protons