



Beam 1 of 10:	incident angle $\theta_1 = 8.0$,	out angle $\theta_4 = 42.84516914957984$
Beam 2 of 10:	incident angle $\theta_1 = 13.0$,	out angle $\theta_4 = 39.58975499837001$
Beam 3 of 10:	incident angle $\theta_1 = 18.0$,	out angle $\theta_4 = 36.36741298202986$
Beam 4 of 10:	incident angle $\theta_1 = 23.0$,	out angle $\theta_4 = 33.19455475704814$
Beam 5 of 10:	incident angle $\theta_1 = 28.0$,	out angle $\theta_4 = 30.088614903863547$
Beam 6 of 10:	incident angle $\theta_1 = 33.0$,	out angle $\theta_4 = 27.068421973244682$
Beam 7 of 10:	incident angle $\theta_1 = 38.0$,	out angle $\theta_4 = 24.154549279910835$
Beam 8 of 10:	incident angle $\theta_1 = 43.0$,	out angle $\theta_4 = 21.369623976415046$
Beam 9 of 10:	incident angle $\theta_1 = 48.0$,	out angle $\theta_4 = 18.73855552559651$
Beam 10 of 10:	incident angle $\theta_1 = 53.0$,	out angle $\theta_4 = 16.2886229193043$