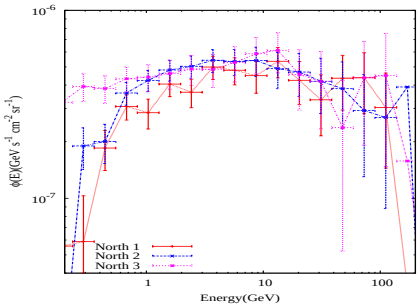
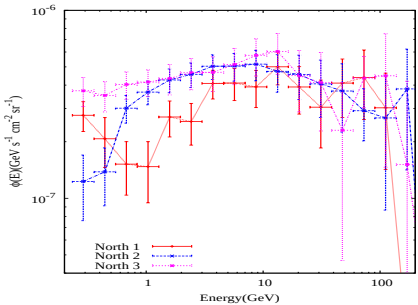
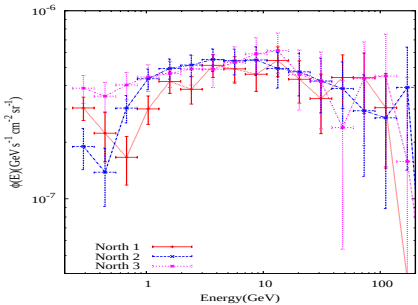


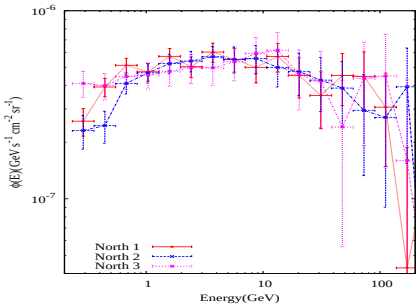
(a) Lorimer distribution, $z_\mathrm{h} = 4, R_\mathrm{h} = 20, T_\mathrm{S} = 150$, and $E(B-V)_\mathrm{cut} = 5$



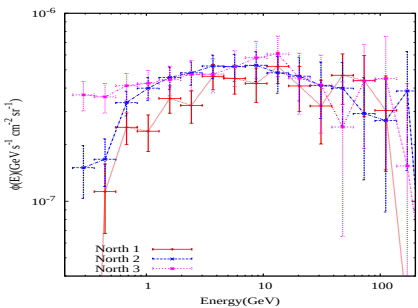
(b) Lorimer distribution, $z_\mathrm{h} = 4, R_\mathrm{h} = 30, T_\mathrm{S} = 150$, and $E(B-V)_\mathrm{cut} = 2$



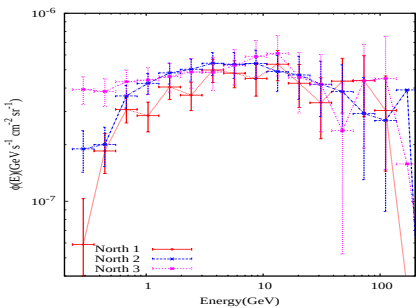
(c) SNR distribution, $z_\mathrm{h} = 6, R_\mathrm{h} = 20, T_\mathrm{S} = 150$, and $E(B-V)_\mathrm{cut} = 2$



(d) SNR distribution, $z_\mathrm{h} = 4, R_\mathrm{h} = 20, T_\mathrm{S} = 100\,000$, and $E(B-V)_\mathrm{cut} = 2$



(e) Yusifov distribution, $z_\mathrm{h} = 6, R_\mathrm{h} = 30, T_\mathrm{S} = 150$, and $E(B-V)_\mathrm{cut} = 5$



(f) OBstars distribution, $z_\mathrm{h} = 4, R_\mathrm{h} = 20, T_\mathrm{S} = 150$, and $E(B-V)_\mathrm{cut} = 2$