$$E_{4} = 1.35 \, MeV$$
 $2^{+}$ 
 $E_{3} = 1.25 \, MeV$ 
 $4^{+}$ 
 $E_{2} = 1.17 \, MeV$ 
 $E_{1} = 0.56 \, MeV$ 
 $E_{2} = 0.56 \, MeV$