**3 Atom**

**1st Atom quench via Detuning**

**A graph of a graph

Description automatically generated with medium confidence**

**After Quench Eigenstates:**

**A screenshot of a table

Description automatically generated**

A screenshot of a graph

Description automatically generated

**1st Atom quench via Detuning near Antiblockade**

A screenshot of a graph

Description automatically generated

**After Quench**

A screenshot of a table

Description automatically generated

A screenshot of a graph

Description automatically generated

**Comparing Eigenenergies**

A graph of different colored lines

Description automatically generated

A graph of different colored lines

Description automatically generated