

 $\boxed{ \blacksquare \text{nrel 1} \blacksquare \text{0} \text{nrel 2} \blacksquare \text{0} \text{spinfree 1} \blacksquare \text{0} \text{spinfree 2} \blacksquare \text{0} p_{1/2} \text{1} \blacksquare \text{0} p_{1/2} \text{2} \blacksquare \text{0} p_{3/2,1/2} \text{1} \blacksquare \text{0} p_{3/2,1/2} \text{2} \blacksquare \text{0} p_{3/2,3/2} \text{1} \blacksquare \text{0} p_{3/2,3/2} \text{2} \blacksquare \text{0} p_{$