transm. prob.: σ_{ff}=0.60 σ_{fr}=0.05 σ_{rf}=0.01 σ_{rr}=0, unpol bgd=25%

Target state V$_+$
ε_{MFT34}=0.95
ε_{SFT26}=0.96
P_z =0.634615
P_{zz}=0.708042

deuterium hyperfine state

Target state V$_-$
ε_{MFT34}=0.97
ε_{WFT14}=ε_{WFT23}=0.97
P_z =-0.642503
P_{zz}=0.651547

deuterium hyperfine state

Target state T$_-$
ε_{MFT14}=0.97
ε_{SFT35}=0.99
P_z =-0.0157498
P_{zz}=-1.35508

deuterium hyperfine state

P_2=sqrt(1/2)*P_{zz}

P_1=sqrt(3/2)*P_z