Supplementary data

Time resolved fluorescence time.

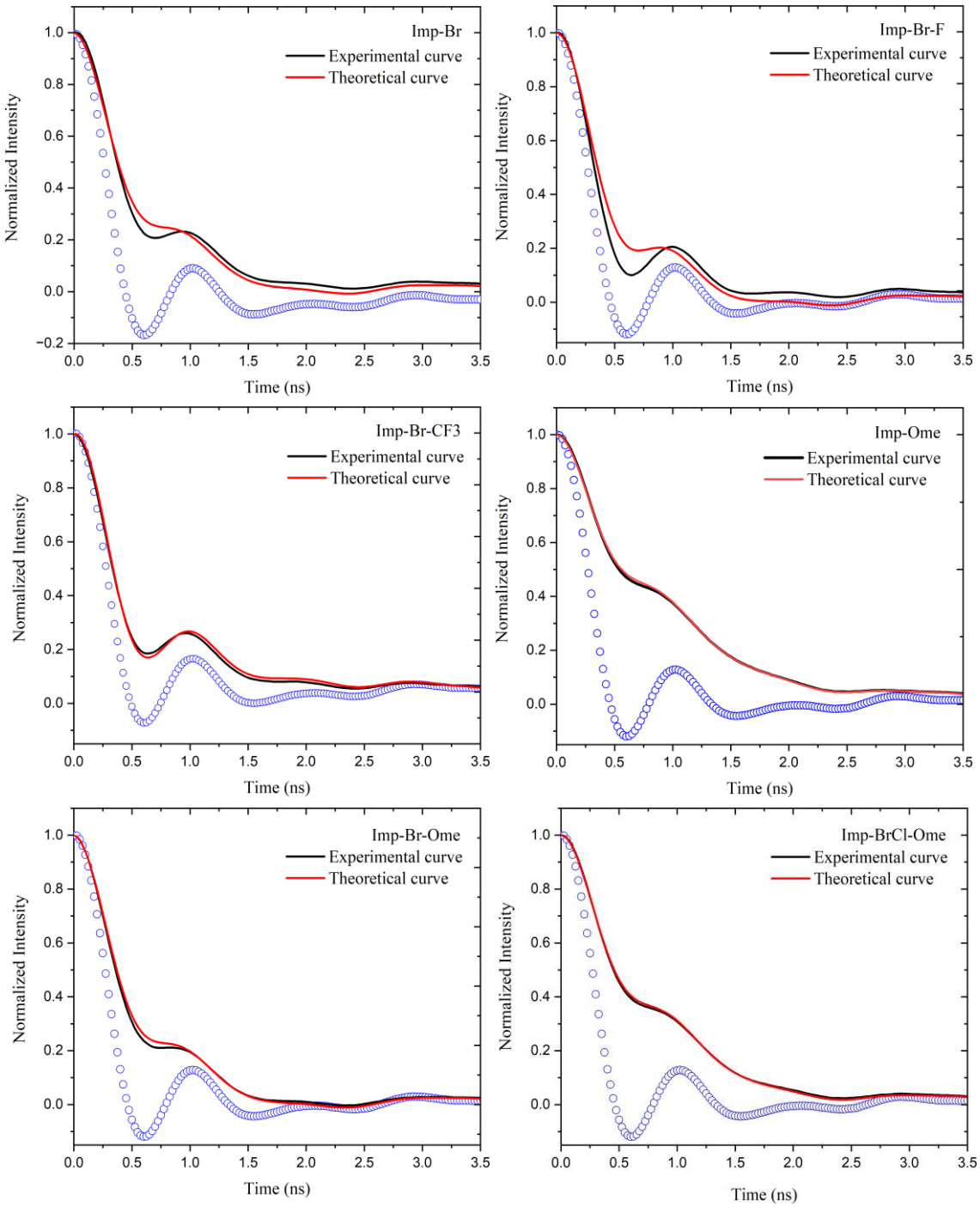
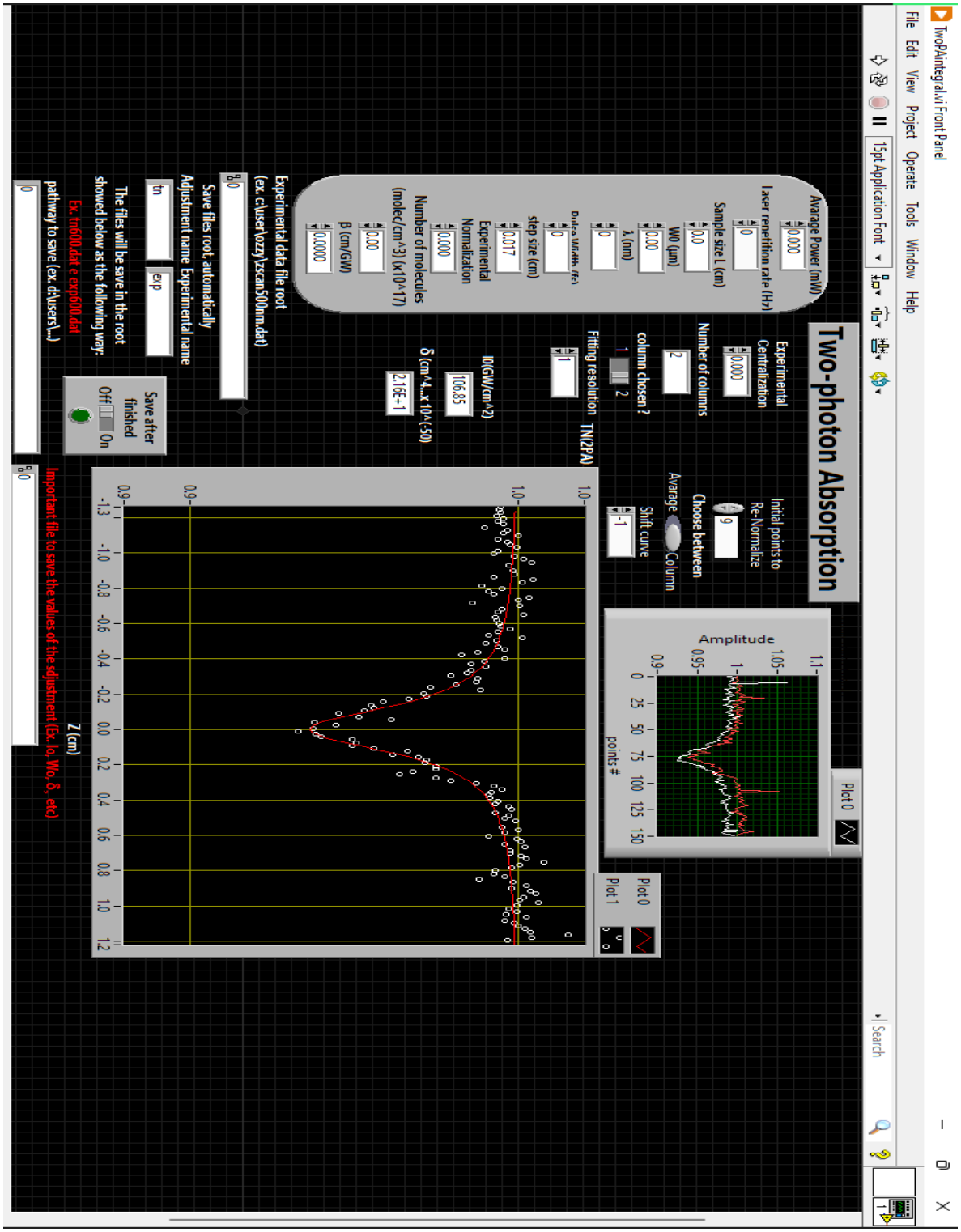
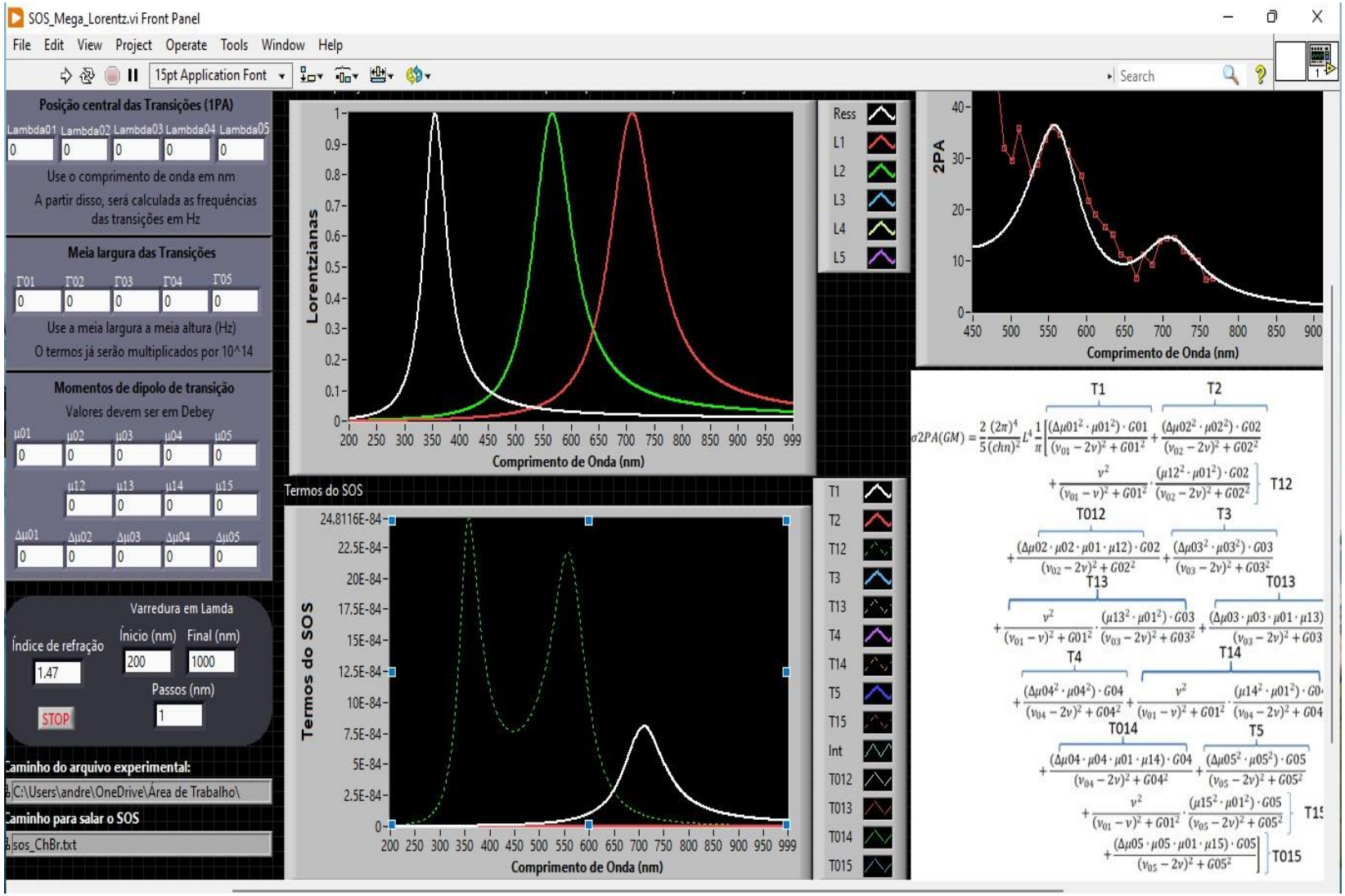


Fig. 4. Experimental time resolved intensity (black lines), theoretical adjust (red lines) Instrument response function (IRF) (blue circles).

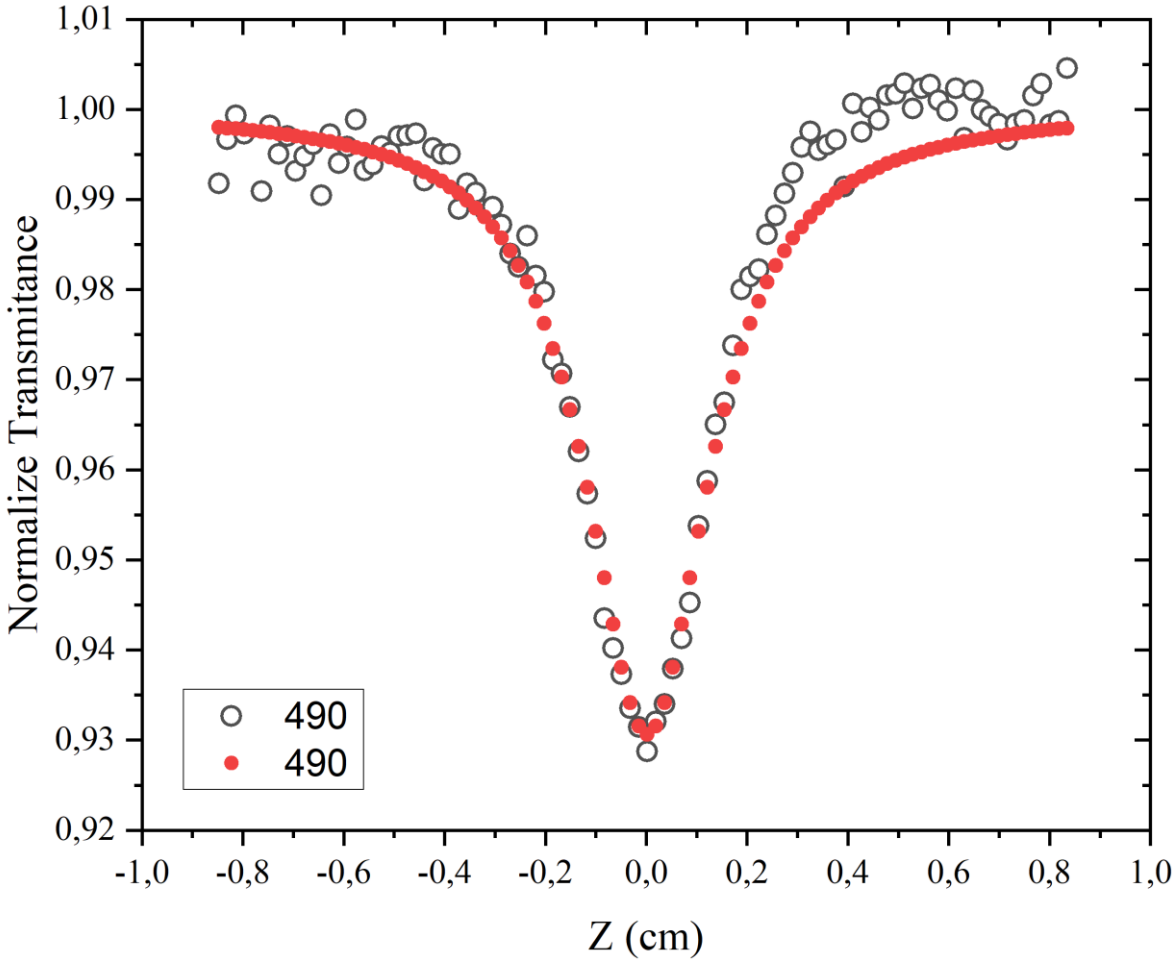
Program for 2PA cross section determination

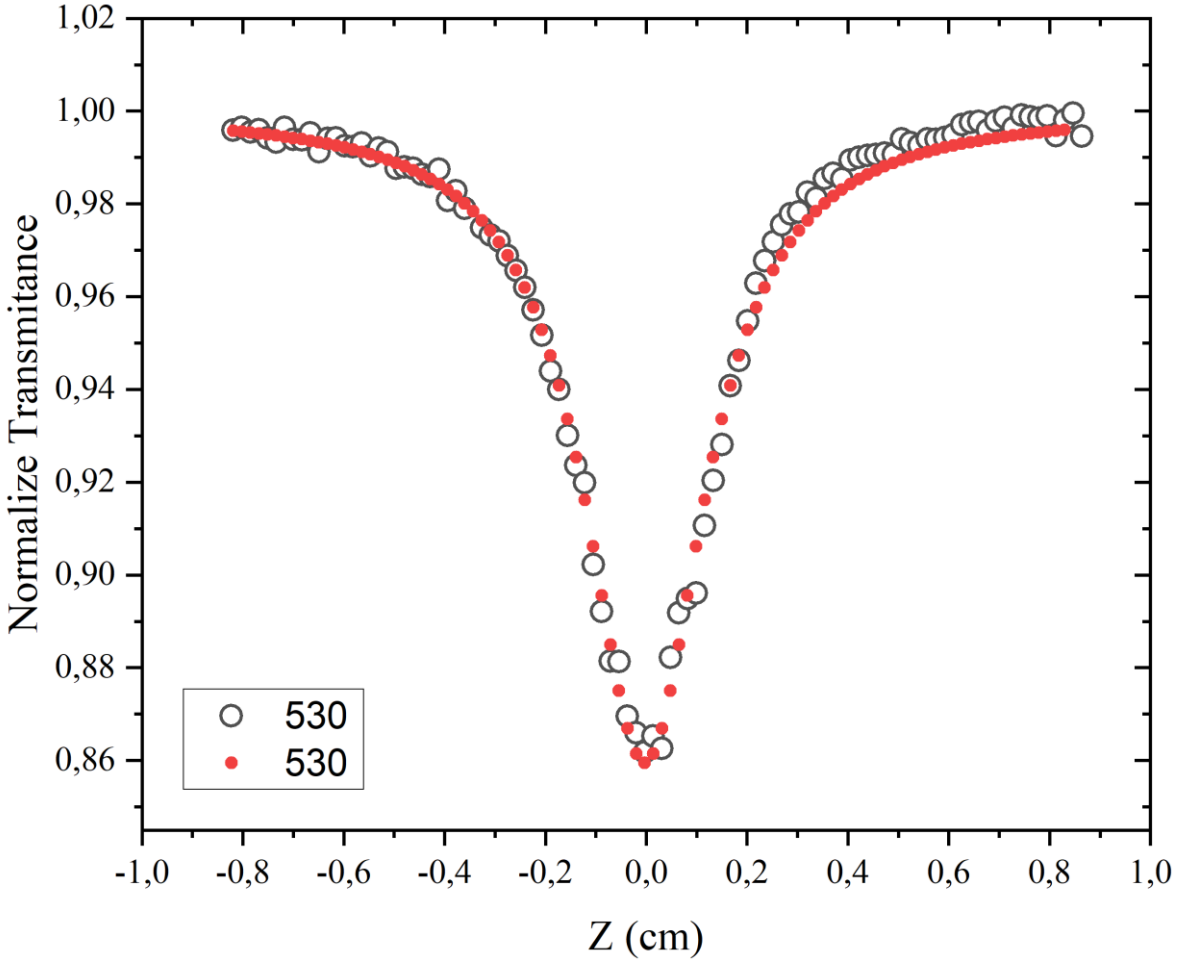


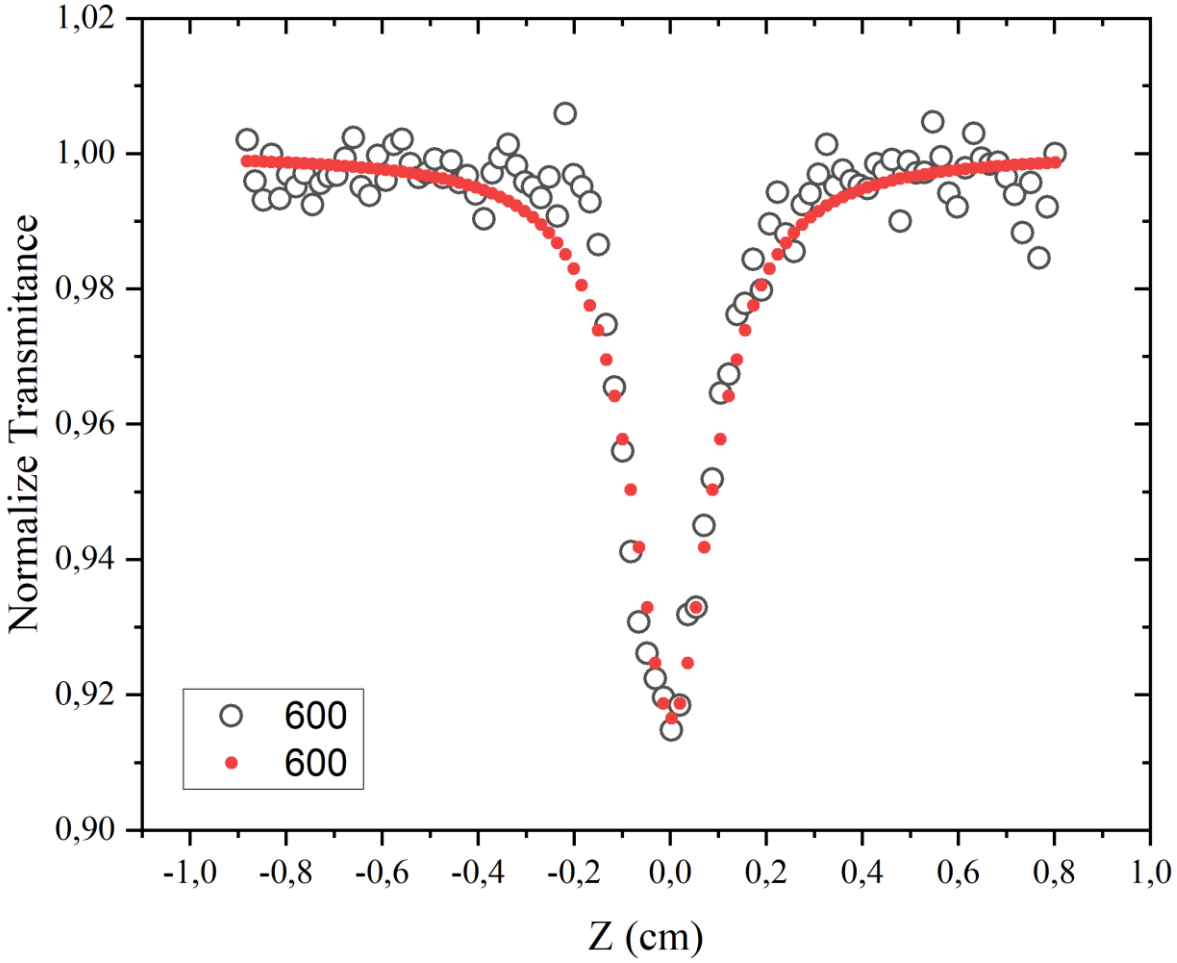
Program for Sum Over Essential States analysis

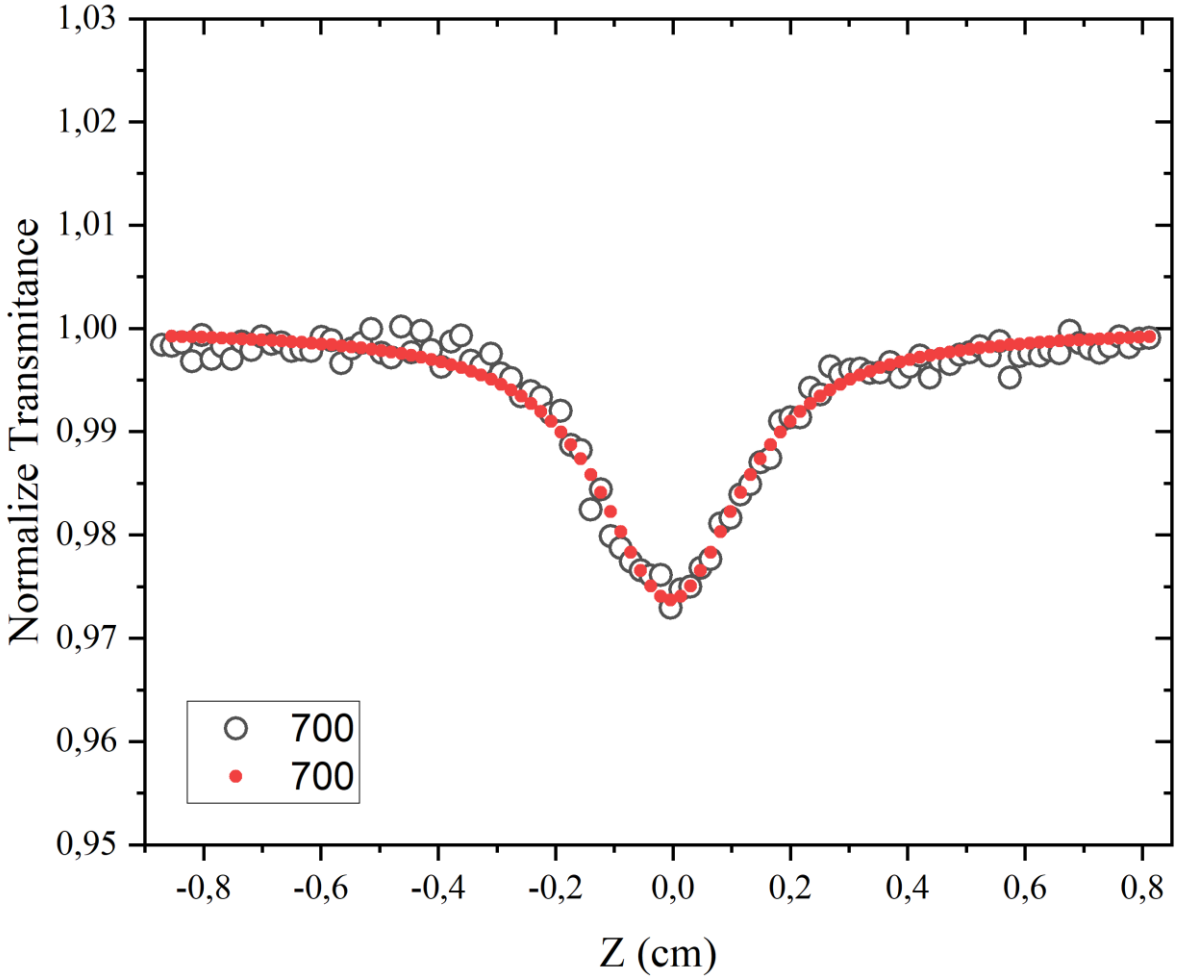


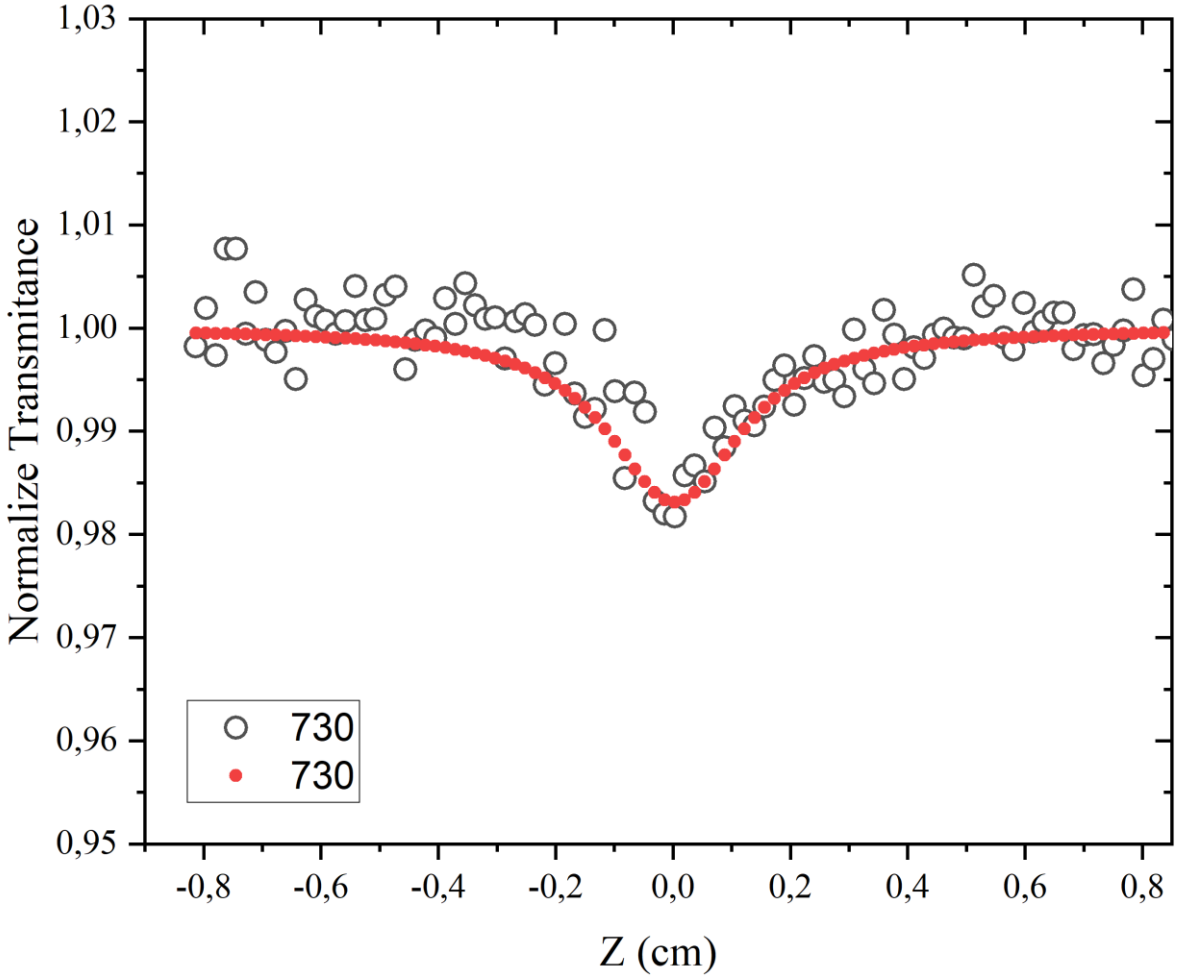
Some Two photon absorption adjust examples




1,02
1,00
0,98
0,96
0,94
0,92
0,90
0,88
0,86
Normalize Transmitance
530
530
-1,0
-0,8
-0,6
-0,4
-0,2
0,0
0,2
0,4
0,6
0,8
1,0
Z (cm)


1,02
1,00
0,98
0,96
0,94
0,92
0,90
Normalize Transmitance
600
600
-1,0
-0,8
-0,6
-0,4
-0,2
0,0
0,2
0,4
0,6
0,8
1,0
Z (cm)


1,03
1,02
1,01
1,00
0,99
0,98
0,97
0,96
0,95
Normalize Transmitance
700
700
-0,8
-0,6
-0,4
-0,2
0,0
0,2
0,4
0,6
0,8
Z (cm)


1,03
1,02
1,01
1,00
0,99
0,98
0,97
0,96
0,95
Normalize Transmitance
730
730
-0,8
-0,6
-0,4
-0,2
0,0
0,2
0,4
0,6
0,8
Z (cm)