S6 Table. Excited state. Average fraction of total A β bound as a CuA β_2 complex [%] after 20 s.

Aß\Cu	50	100	200	500
1	0	0	0	0
2	10.9744	6.17136	3.2899	1.37039
3	19.5061	11.5473	6.34963	2.70035
4	26.3974	16.283	9.20394	3.99172
5	32.1085	20.4933	11.874	5.24626
6	36.9343	24.2659	14.3781	6.46559
7	41.0749	27.6691	16.7319	7.65124
8	44.6725	30.7572	18.9493	8.80467
9	47.8311	33.5739	21.0423	9.92721
10	50.6292	36.1551	23.0217	11.0202
30100	FO	100	200	FOO
Aß\Cu	50	100	200	500
1	0	0	0	0
2	4.57279		1.33264	0.551154
3	8.70931	4.91753	2.62717	1.09574
4	12.4727	7.18415	3.88528	1.63389
5	15.9138		5.10855	2.16571
6	19.0745	11.383	6.29848	2.69133
7	21.9891	13.332	7.45649	3.21084
8	24.6866	15.1905	8.58388	3.72438
9	27.1914	16.965	9.68192	4.23203
10	29.5242	18.6613	10.7518	4.73391
		T		
AB\Cu	50	100	200	500
Aβ\Cu 1	50 0	100	200	500 0
Control of the contro	0	0	STATE OF THE PARTY	0
1	0	0	0	0
1 2 3 4	0 2.31913	0 1.27369 2.51273	0 0.669413	0 0.276195
1 2 3	0 2.31913 4.52493	0 1.27369 2.51273	0 0.669413 1.32918	0 0.276195 0.550739 0.82365 1.09494
1 2 3 4	0 2.31913 4.52493 6.62588 8.62961	0 1.27369 2.51273 3.71859	0 0.669413 1.32918 1.97952	0 0.276195 0.550739 0.82365
1 2 3 4 5	0 2.31913 4.52493 6.62588 8.62961	0 1.27369 2.51273 3.71859 4.89263	0 0.669413 1.32918 1.97952 2.62064	0 0.276195 0.550739 0.82365 1.09494
1 2 3 4 5	0 2.31913 4.52493 6.62588 8.62961 10.543	0 1.27369 2.51273 3.71859 4.89263 6.03616	0 0.669413 1.32918 1.97952 2.62064 3.25274	0 0.276195 0.550739 0.82365 1.09494 1.36462
1 2 3 4 5 6 7	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272
1 2 3 4 5 6 7 8	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923
1 2 3 4 5 6 7 8 9	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642
1 2 3 4 5 6 7 8 9	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276
1 2 3 4 5 6 7 8 9 10	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276
1 2 3 4 5 6 7 8 9 10 Aβ\Cu 1 2	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276 500 0 0.138361
1 2 3 4 5 6 7 8 9 10 Aβ\Cu	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094 50 0 1.16876	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286 100 0	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482 200 0	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276 500 0 0.138361 0.276306
1 2 3 4 5 6 7 8 9 10 Aβ\Cu 1 2 3	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094 50 0 1.16876 2.3086	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286 100 0 0.639968 1.27116	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482 200 0 0.335746 0.669061	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276 500 0 0.138361 0.276306
1 2 3 4 5 6 7 8 9 10 Aβ\Cu 1 2 3 4	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094 50 0 1.16876 2.3086 3.42061	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286 100 0 0.639968 1.27116 1.89377	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482 200 0 0.335746 0.669061 0.999973	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276 500 0 0.138361 0.276306 0.413839
1 2 3 4 5 6 7 8 9 10 Aβ\Cu 1 2 3 4 5	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094 50 0 1.16876 2.3086 3.42061 4.50584	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286 10.0 0 0.639968 1.27116 1.89377 2.50798	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482 200 0 0.335746 0.669061 0.999973 1.32851	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276 500 0 0.138361 0.276306 0.413839 0.550962
1 2 3 4 5 6 7 8 9 10 Aβ\Cu 1 2 3 4 5 6	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094 50 0 1.16876 2.3086 3.42061 4.50584 5.56528	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286 10.3286 10.0 0 0.639968 1.27116 1.89377 2.50798 3.11396	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482 200 0 0.335746 0.669061 0.999973 1.32851 1.6547	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276 500 0 0.138361 0.276306 0.413839 0.550962 0.687677
1 2 3 4 5 6 7 8 9 10 Aβ\Cu 1 2 3 4 5 6 7	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094 50 0 1.16876 2.3086 3.42061 4.50584 5.56528 6.59987	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286 100 0 0.639968 1.27116 1.89377 2.50798 3.11396 3.71188	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482 200 0 0.335746 0.669061 0.999973 1.32851 1.6547 1.97856	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276 500 0 0.138361 0.276306 0.413839 0.550962 0.687677 0.823985
1 2 3 4 5 6 7 8 9 10 Aβ\Cu 1 2 3 4 5 6 7 8	0 2.31913 4.52493 6.62588 8.62961 10.543 12.3723 14.1231 15.8006 17.4094 50 0 1.16876 2.3086 3.42061 4.50584 5.56528 6.59987 7.61052	0 1.27369 2.51273 3.71859 4.89263 6.03616 7.15039 8.23649 9.29556 10.3286 10.0 0 0.639968 1.27116 1.89377 2.50798 3.11396 3.71188 4.30191	0 0.669413 1.32918 1.97952 2.62064 3.25274 3.87601 4.49067 5.09687 5.69482 200 0 0.335746 0.669061 0.999973 1.32851 1.6547 1.97856 2.30013	0 0.276195 0.550739 0.82365 1.09494 1.36462 1.63272 1.89923 2.1642 2.4276 500 0 0.138361 0.276306 0.413839 0.550962 0.687677 0.823985 0.959888