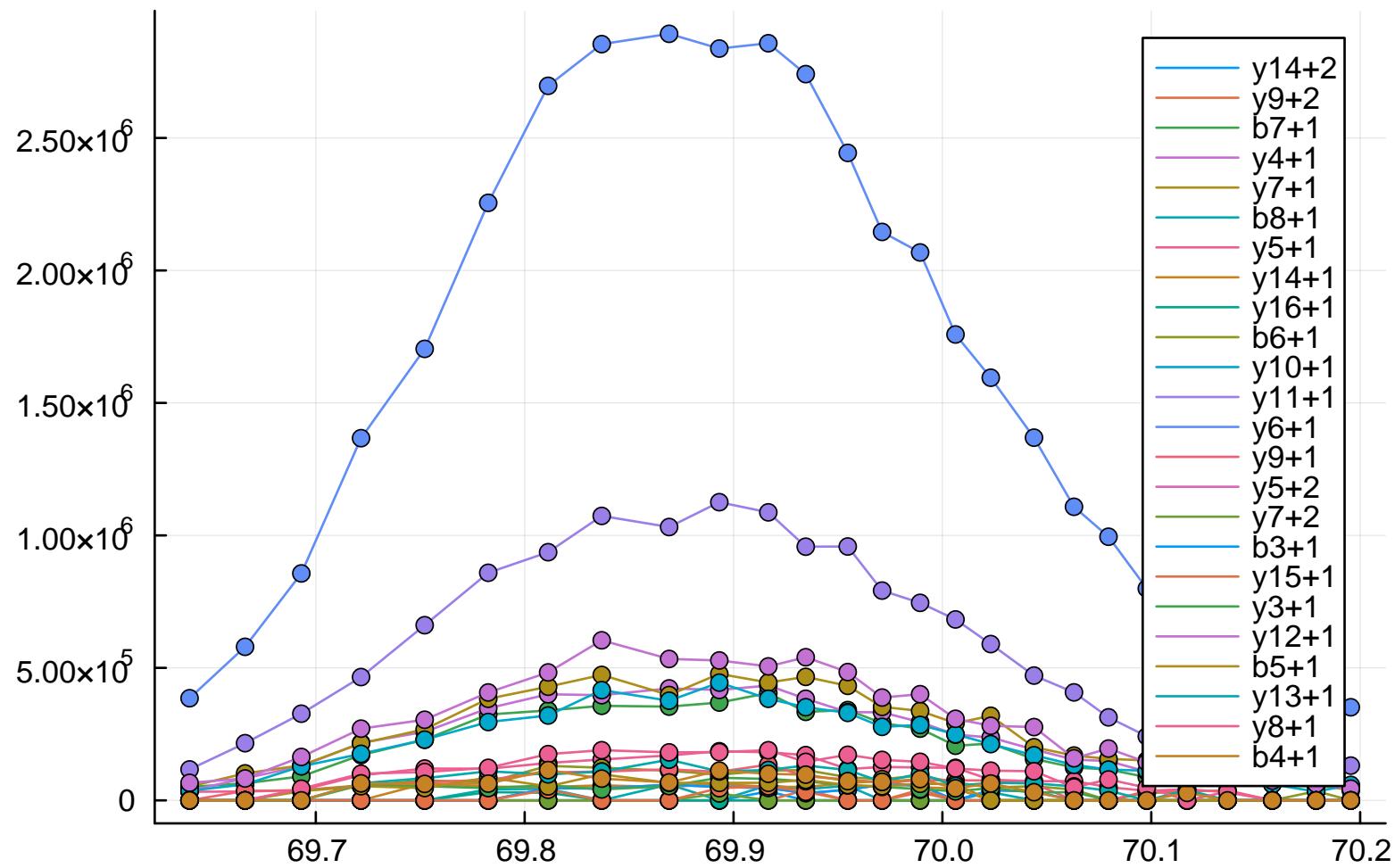
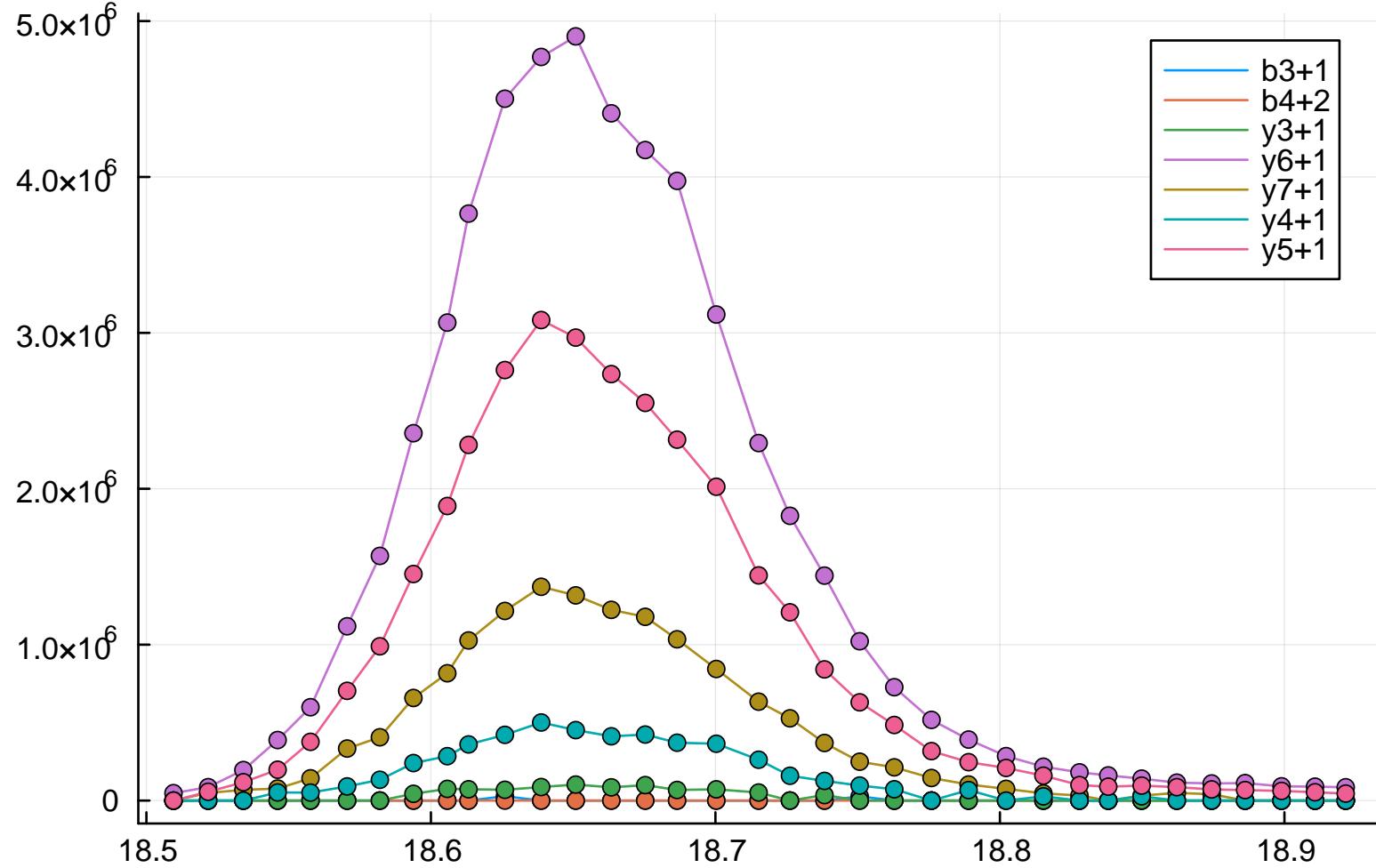


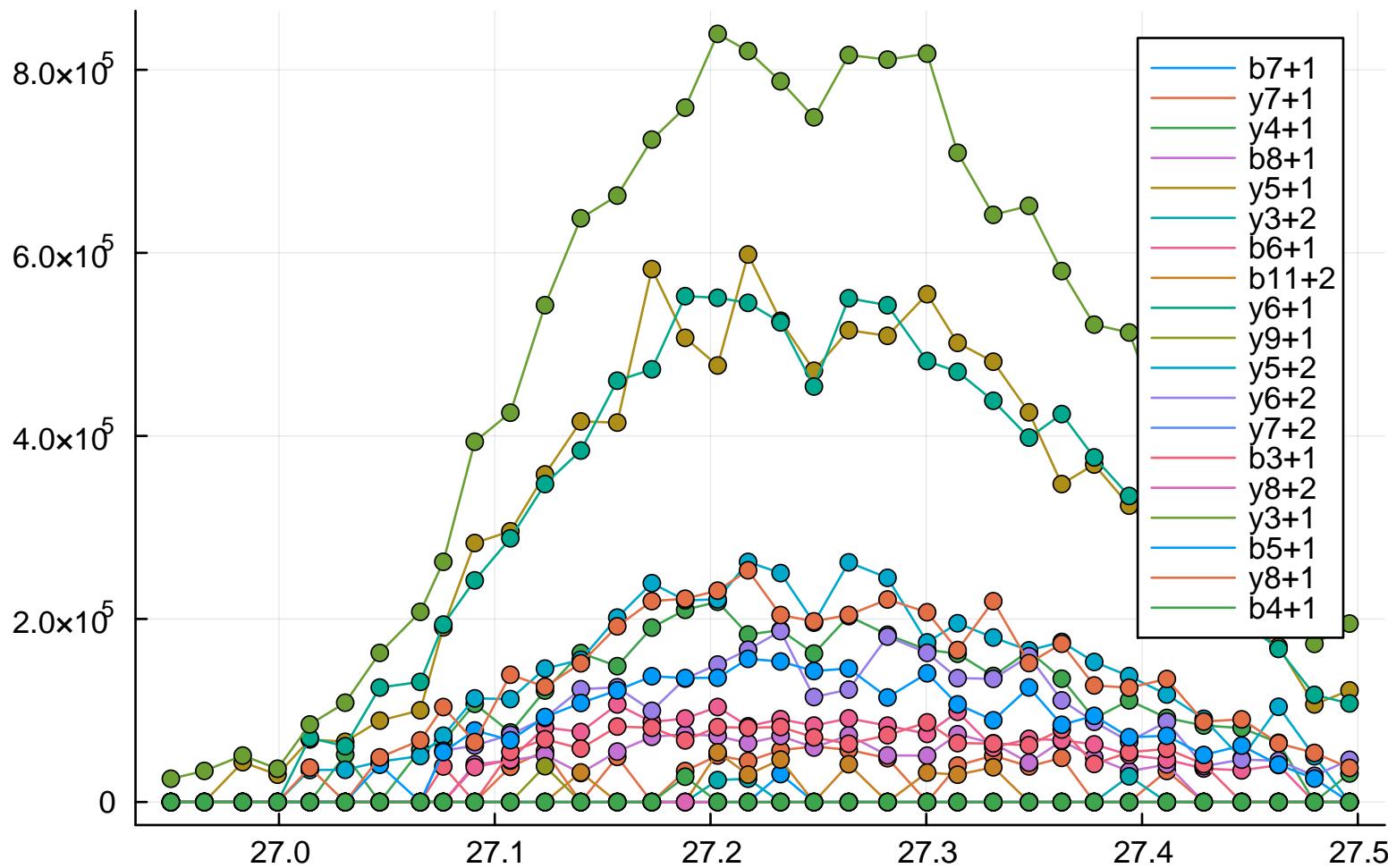
AAK1- AAEDSNLISGFDVPEGSDK[Hlys]



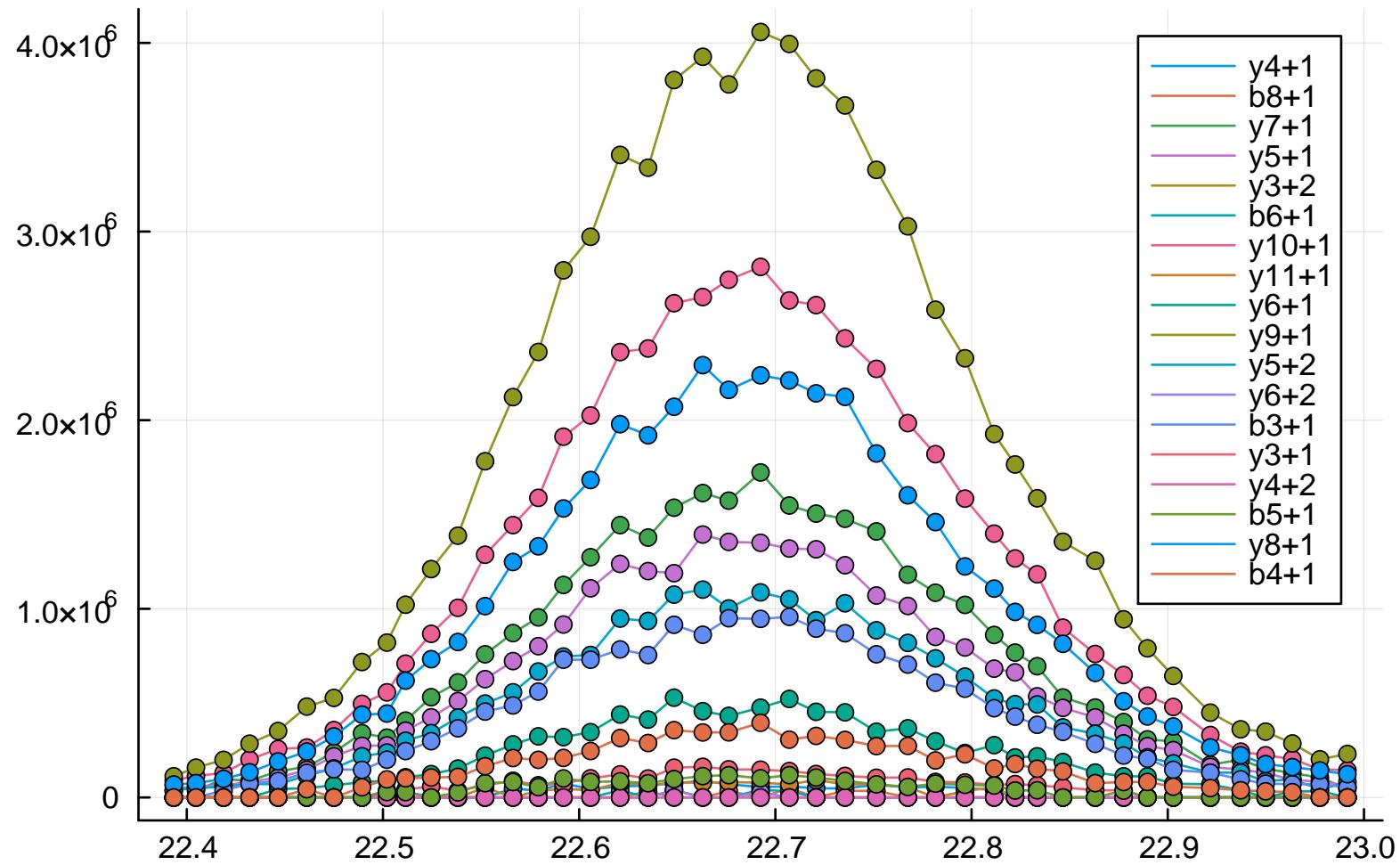
ABL1- LYVSSESR[Harg]



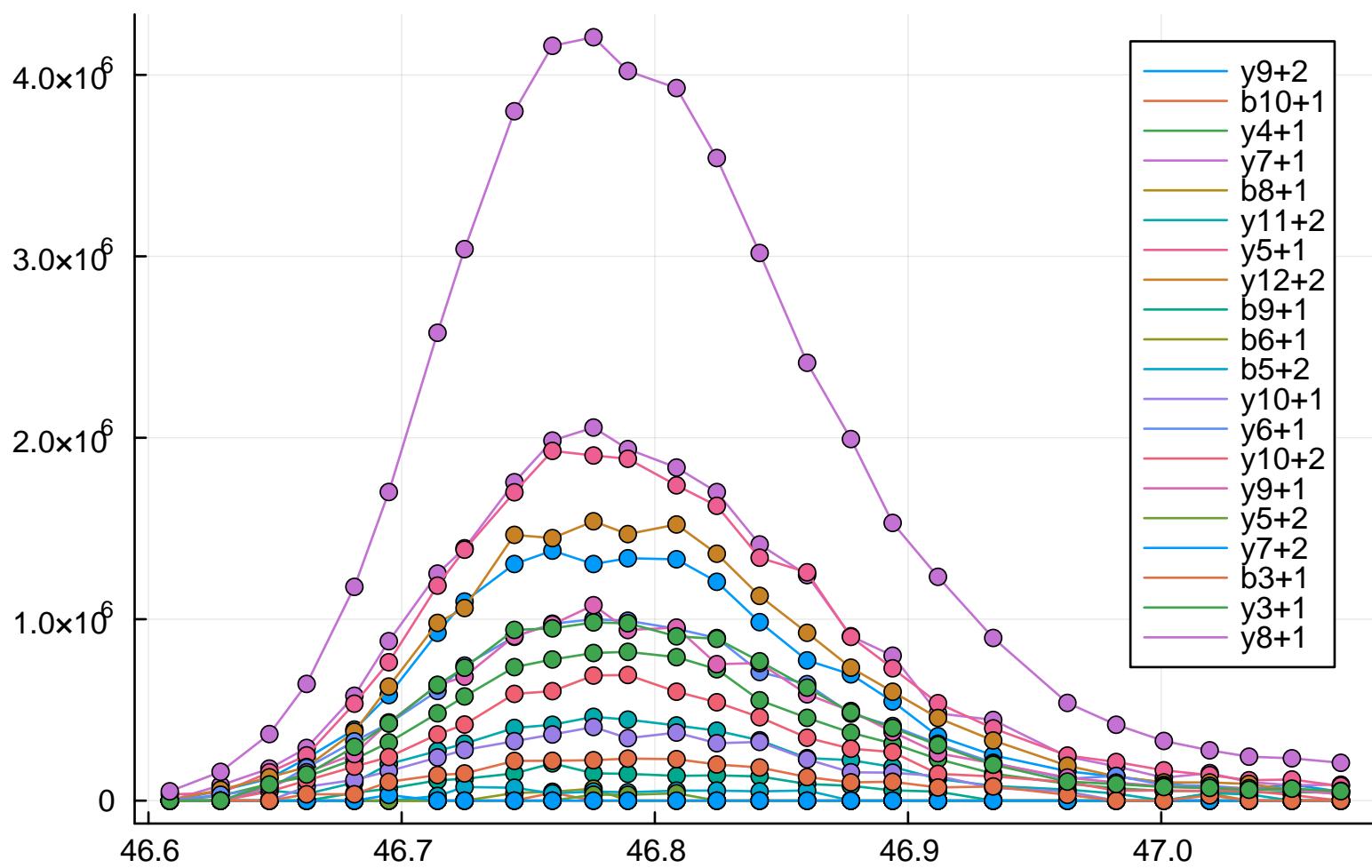
ABL2- C[Carb]NKPTVYGVSPIHDK[Hlys]



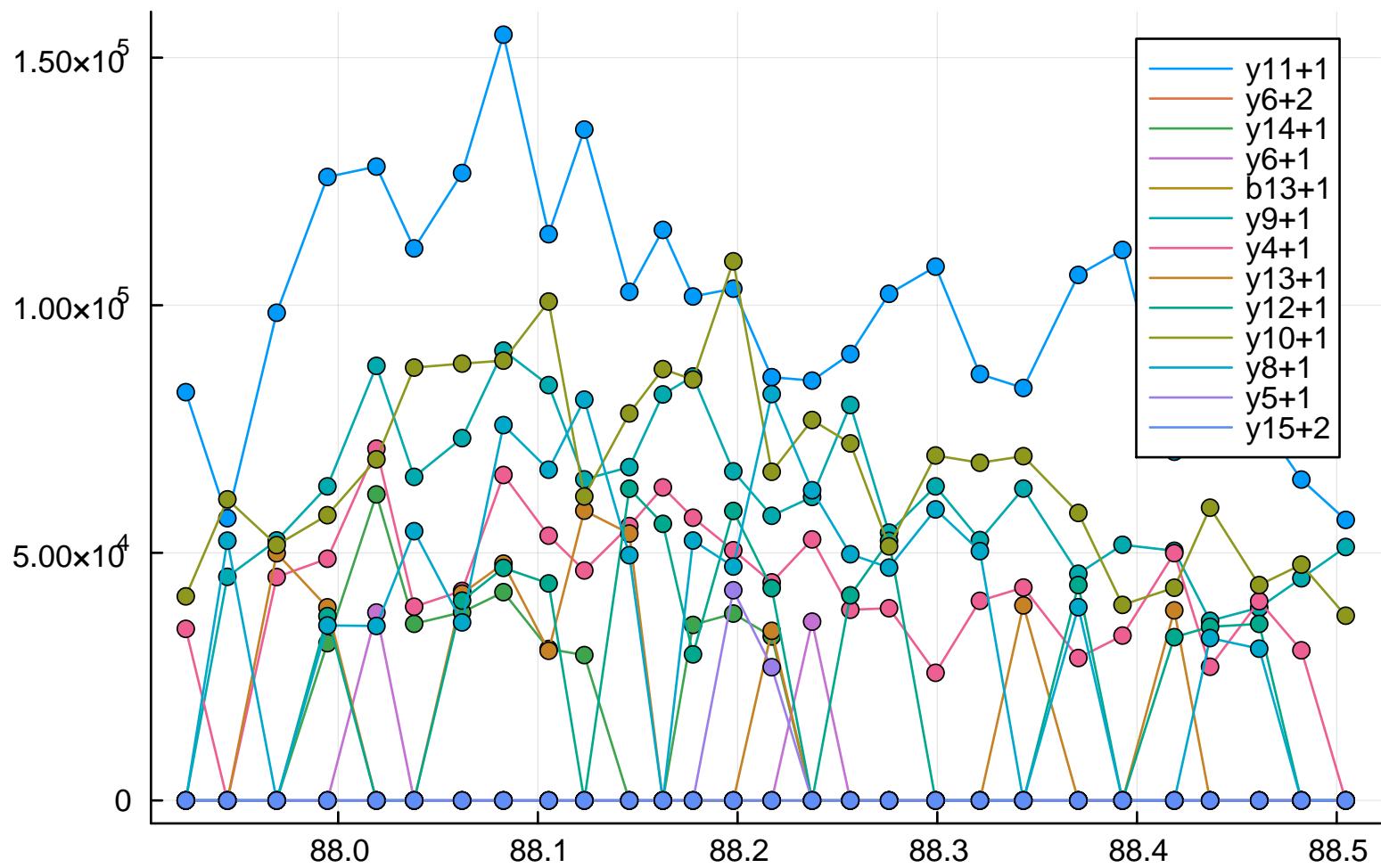
ABL2- GAQASSGSPALPR[Harg]



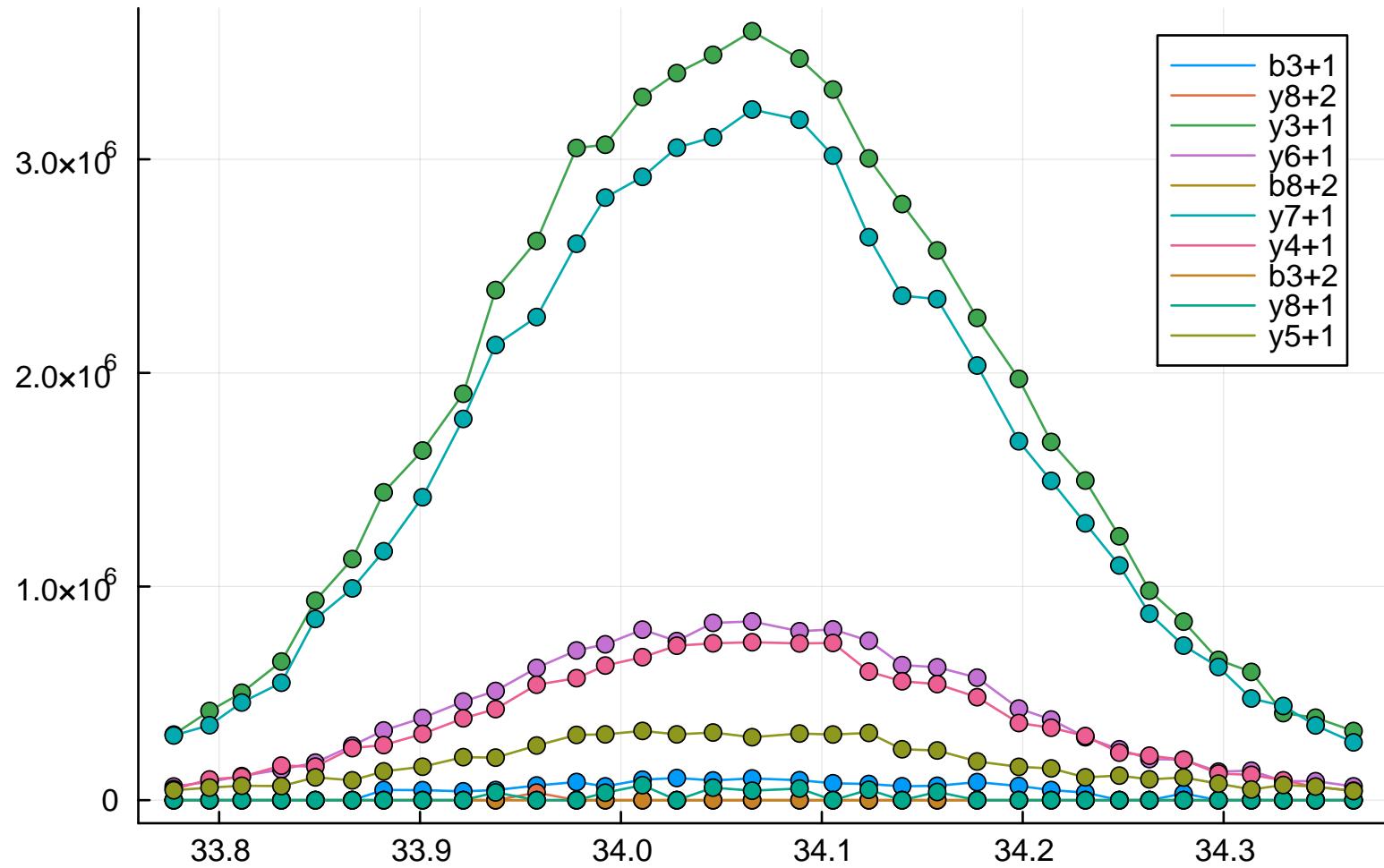
ACTR2- GYAFNHSADFETVR[Harg]



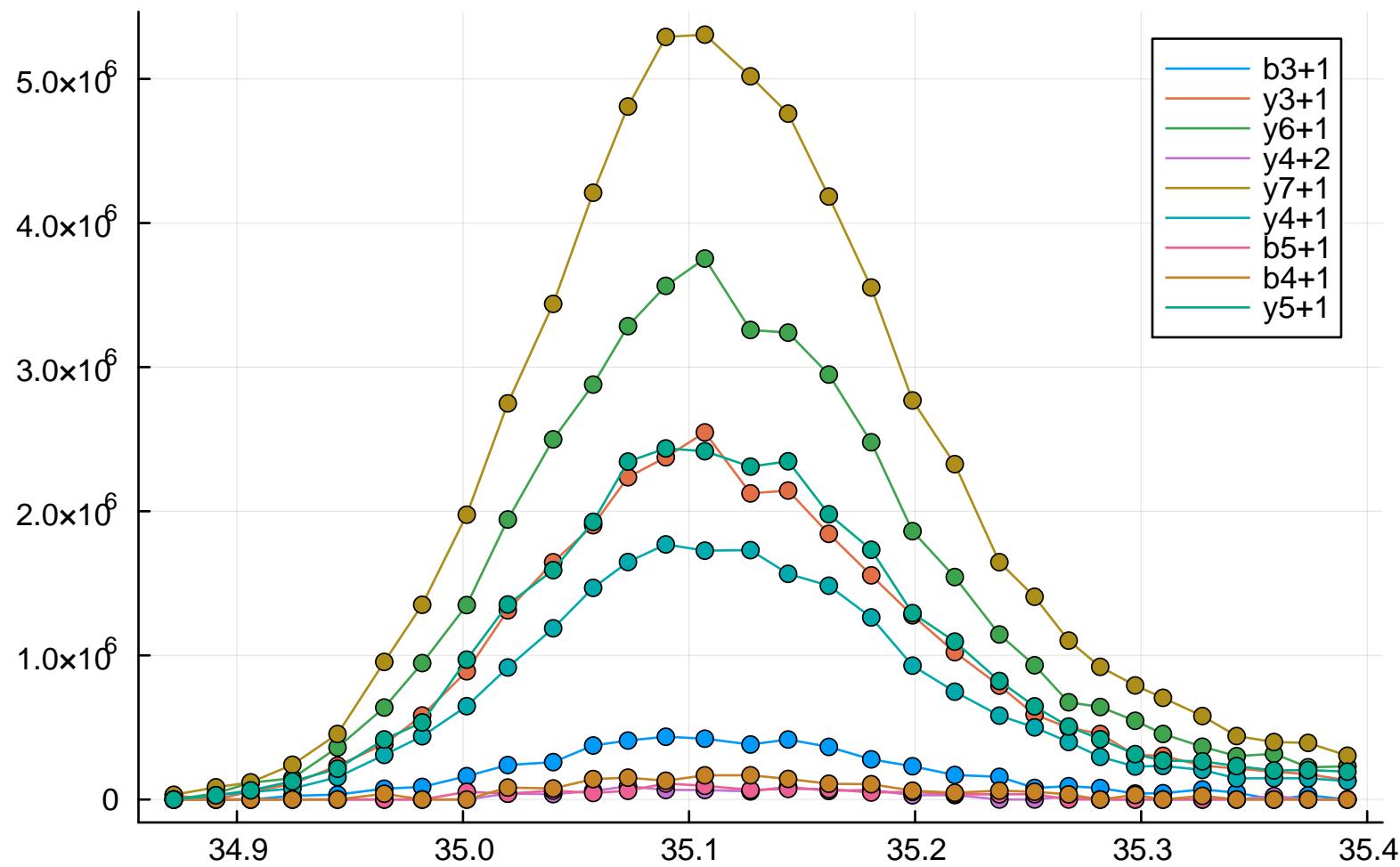
ACTR2- LALETTVLVESYTLPDGR[Harg]



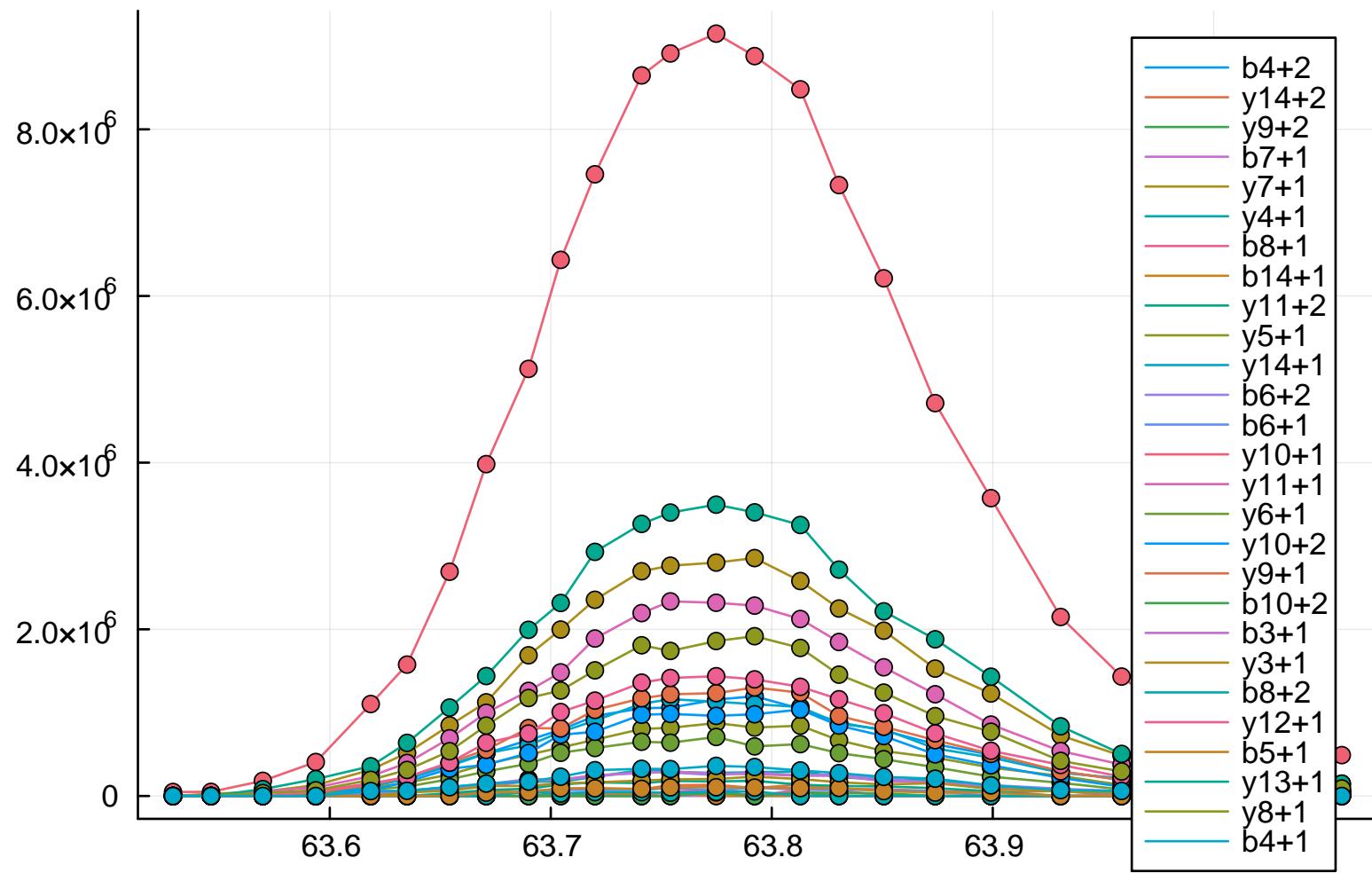
ACVR1- NITAQLPTK[Hlys]



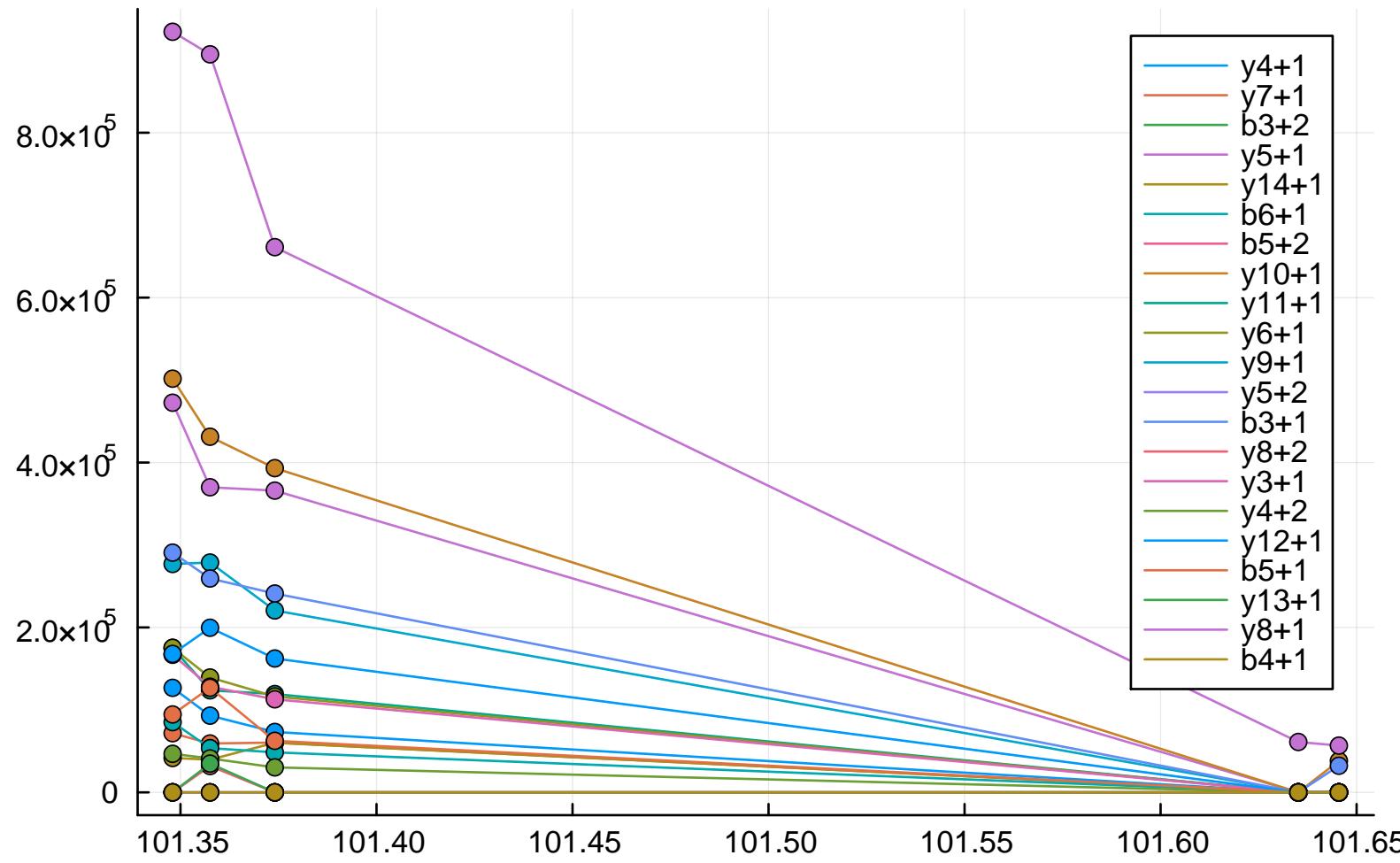
ADCK1- GIEAALGTR[Harg]



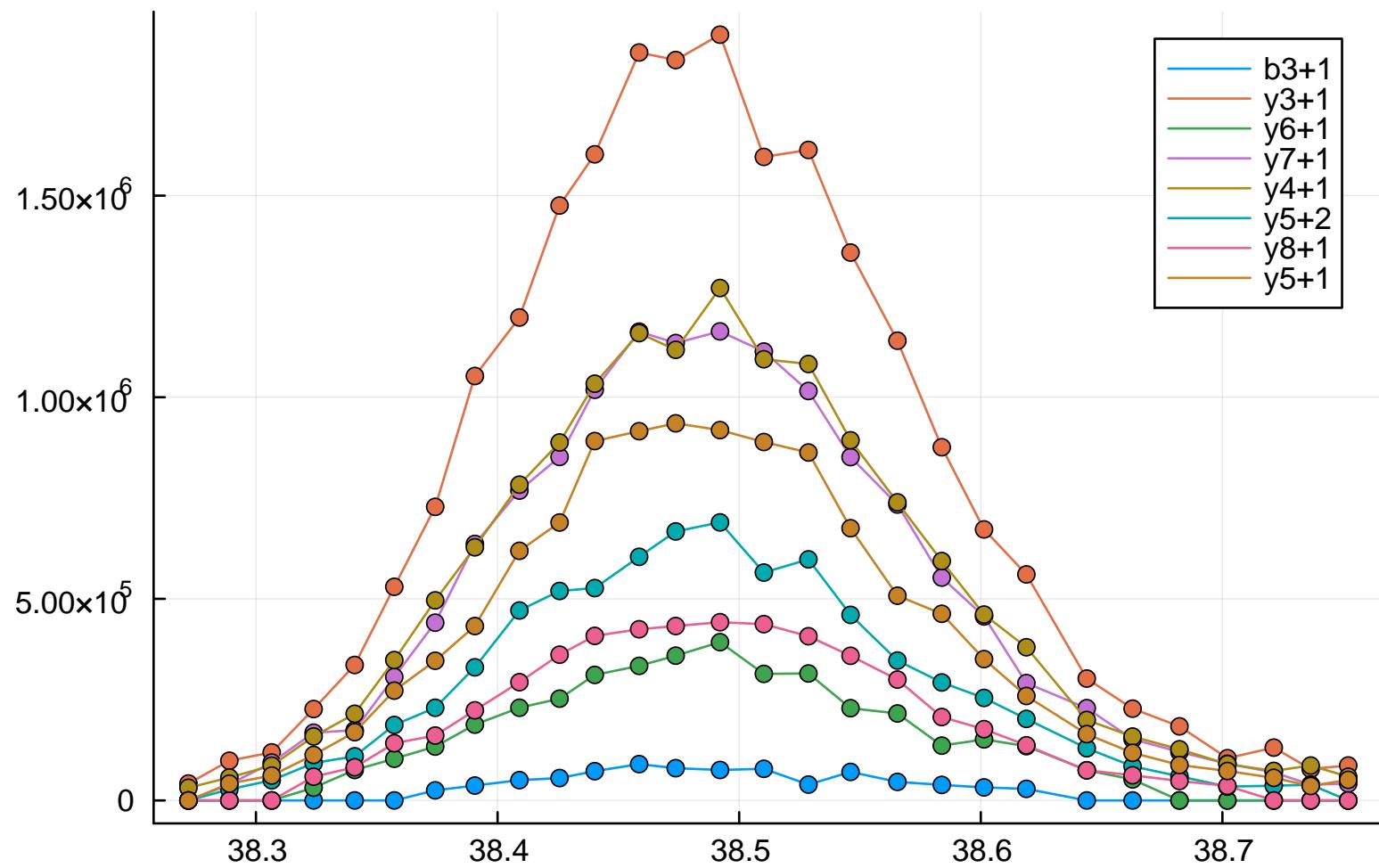
ADCK3- AVLGSSPFLSEANAER[Harg]



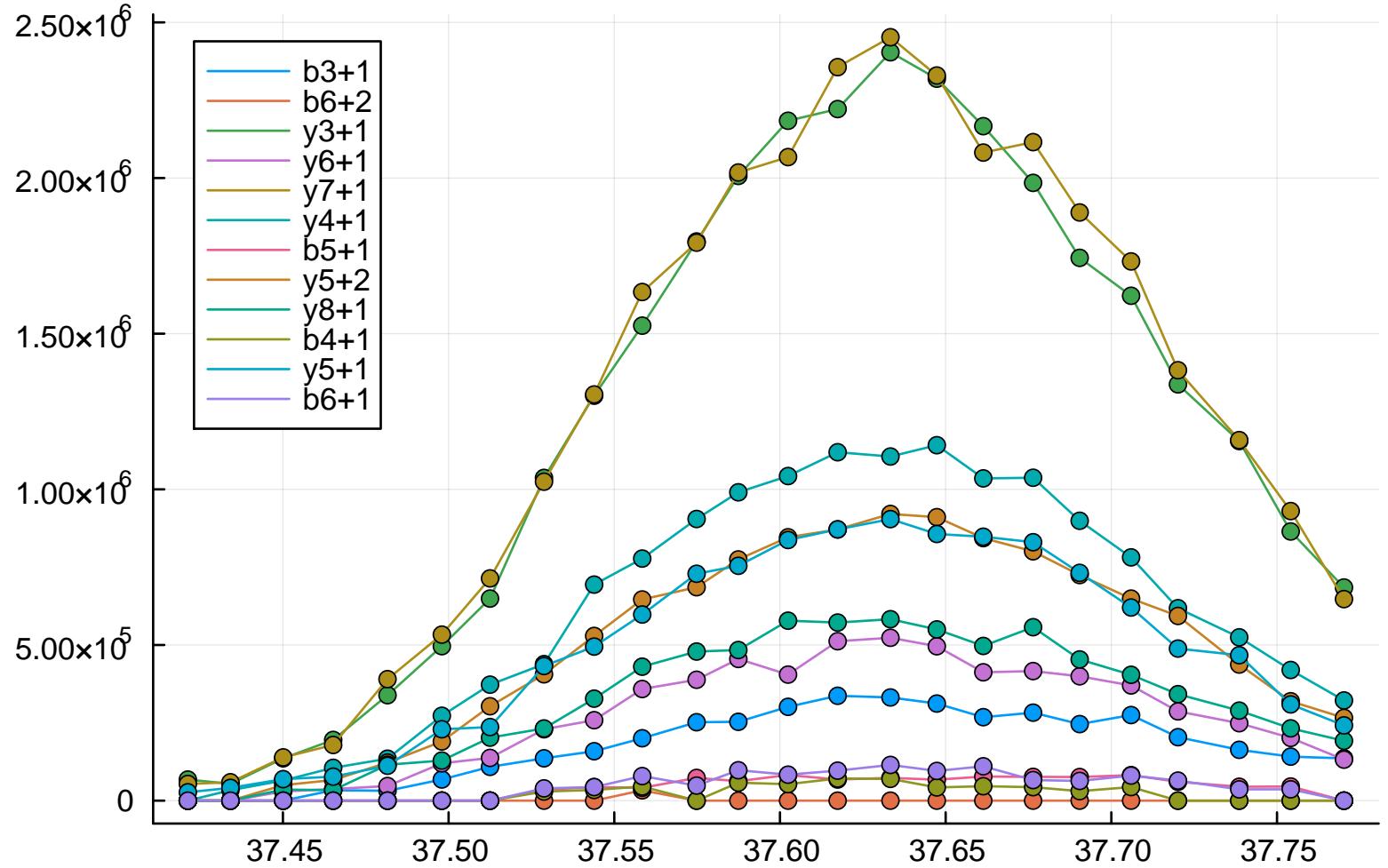
ADK- IFTLNLSAPFISQFYK[Hlys]



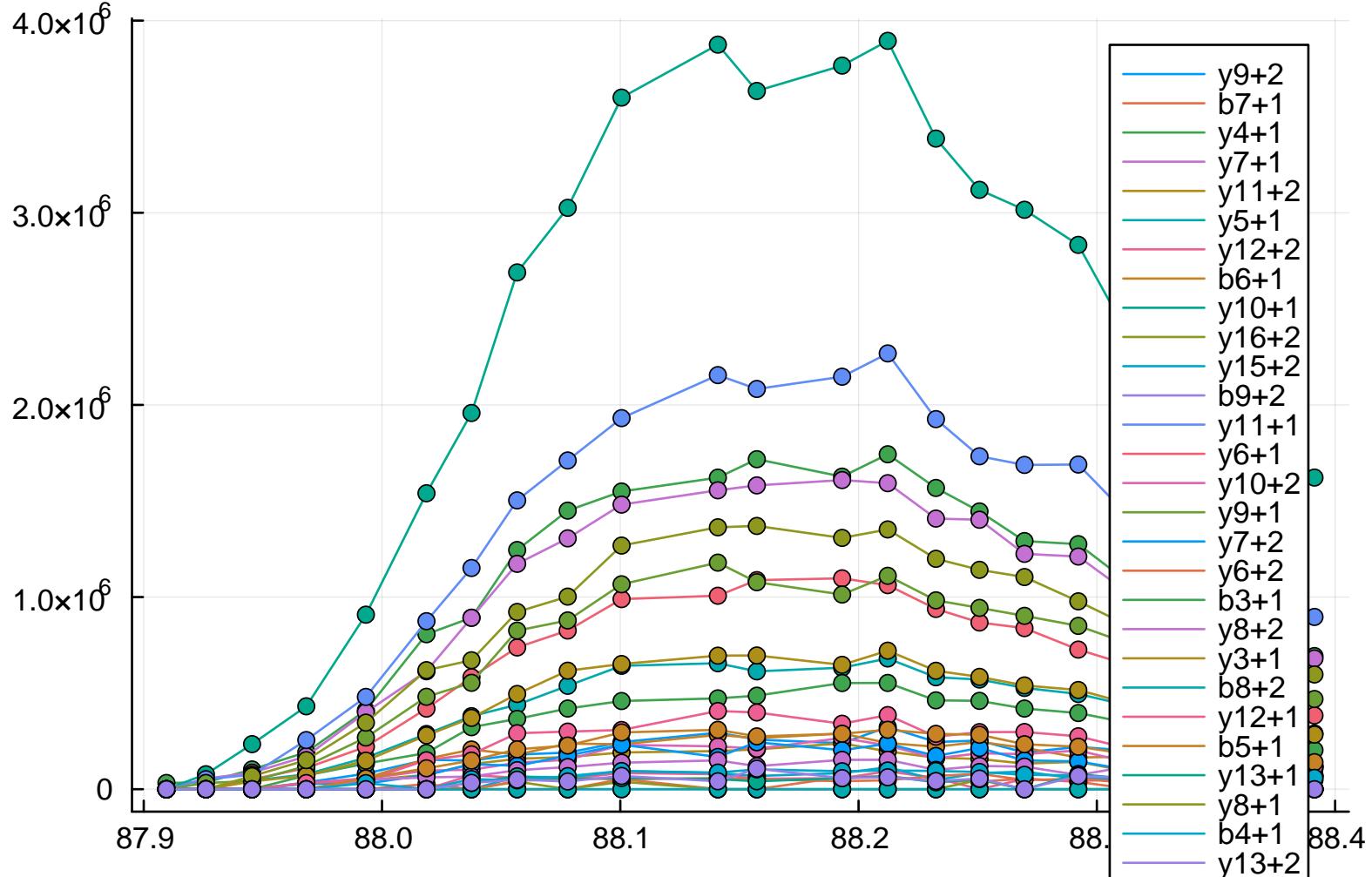
AKT1- NDGTFIGYK[H]lys



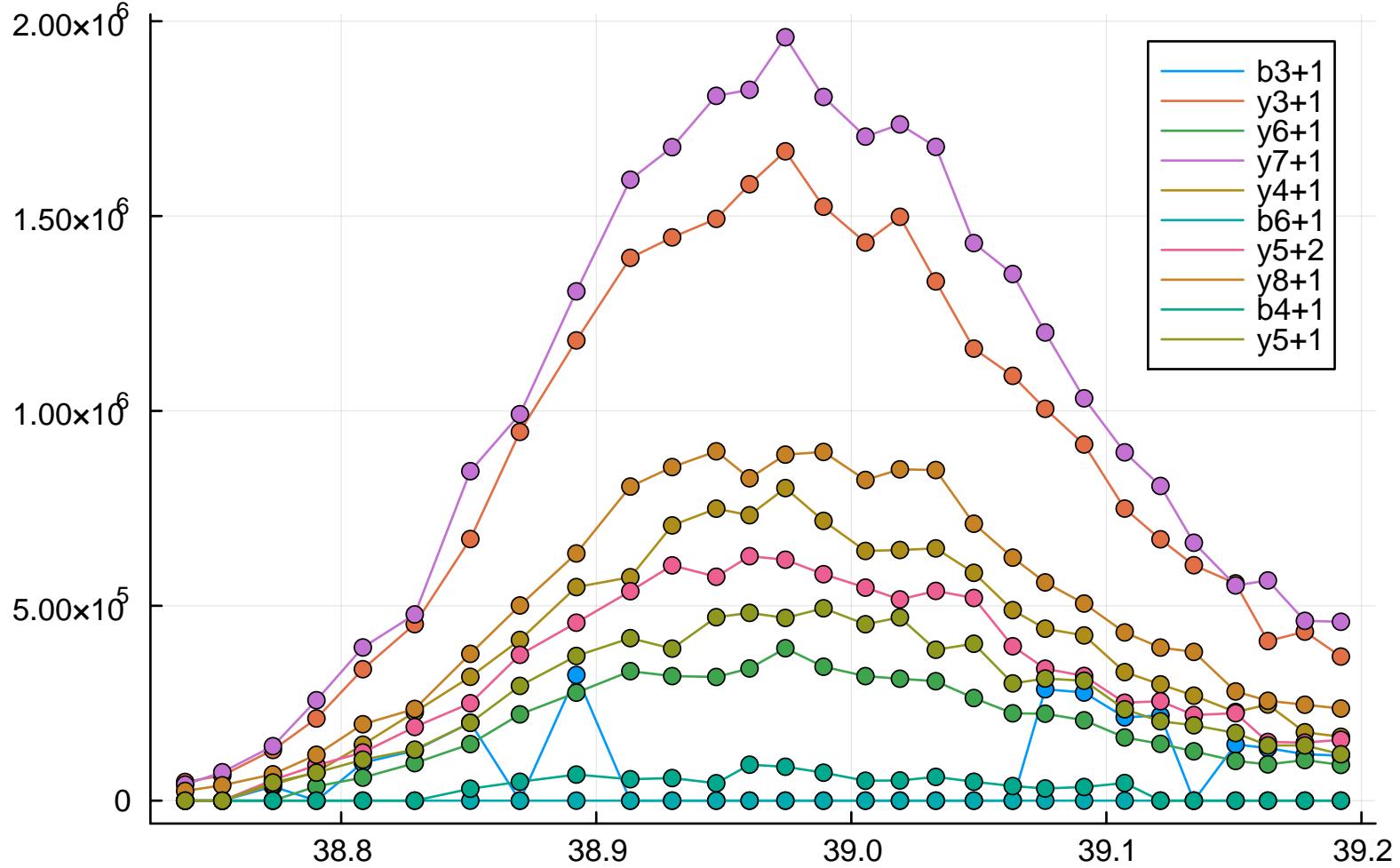
AKT2- SDGSFIGYK[Hlys]



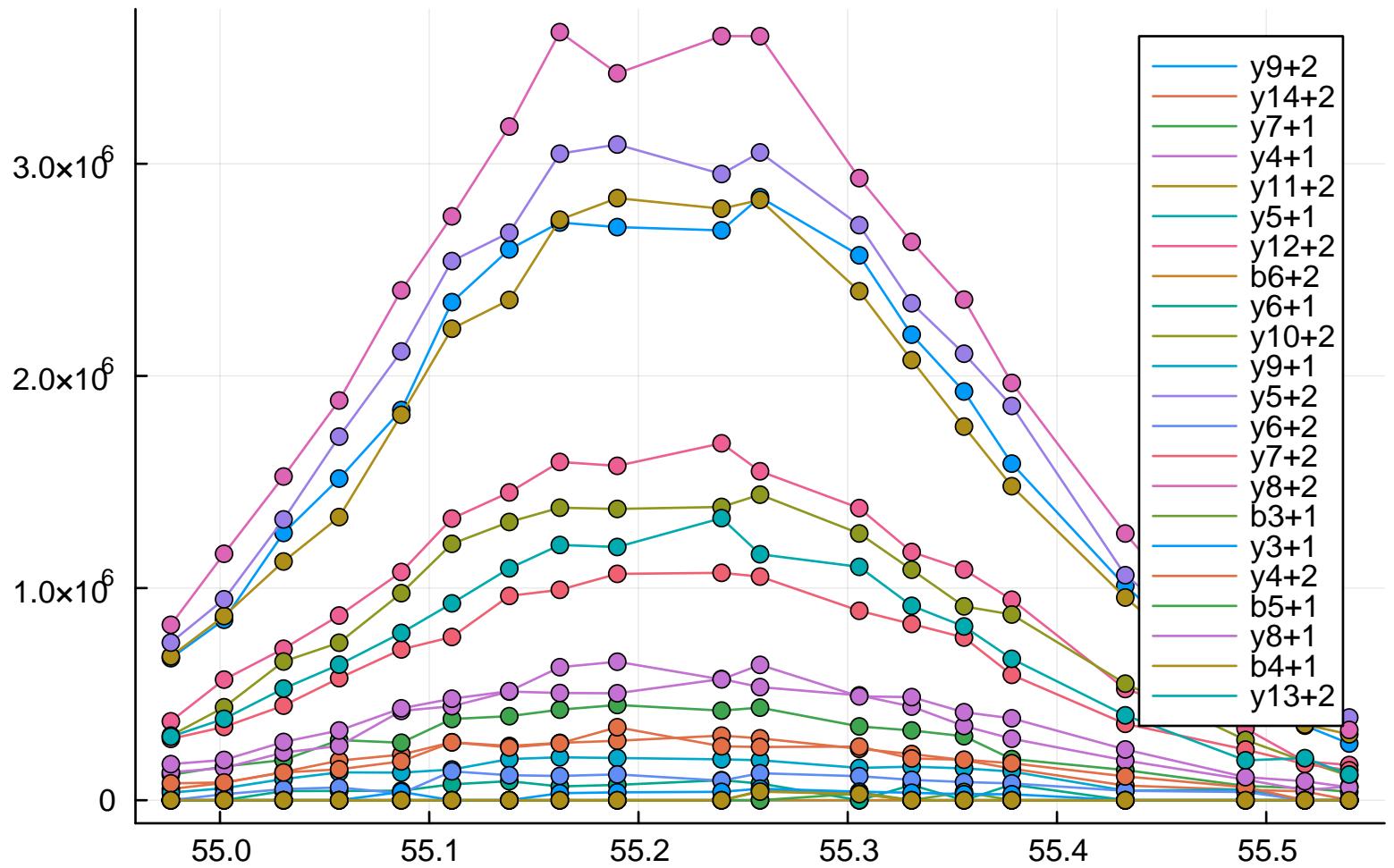
AKT3- FYGAEIVSALDYLHSGK[Hlys]



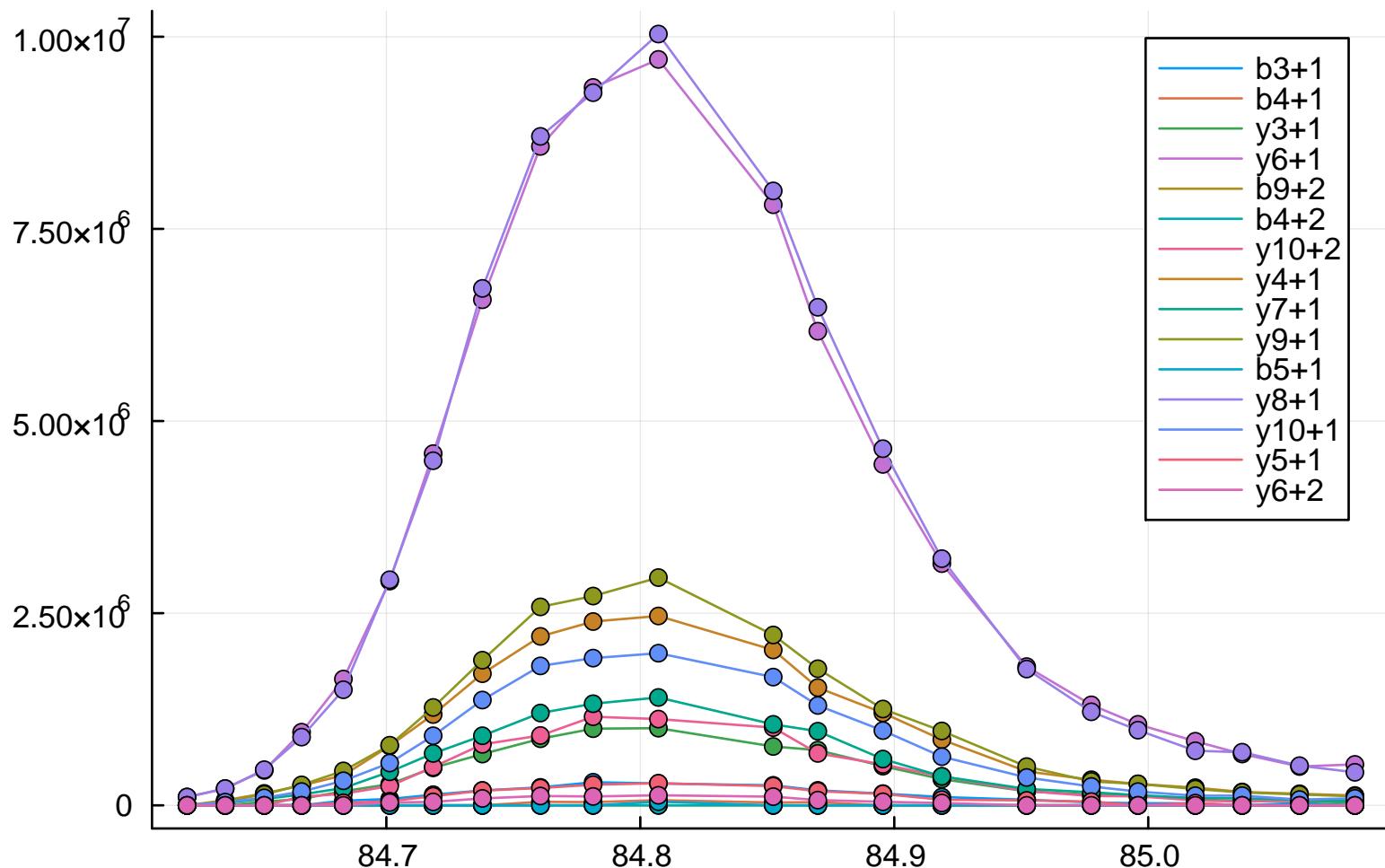
AKT3- TDGSFIGYK[H]lys



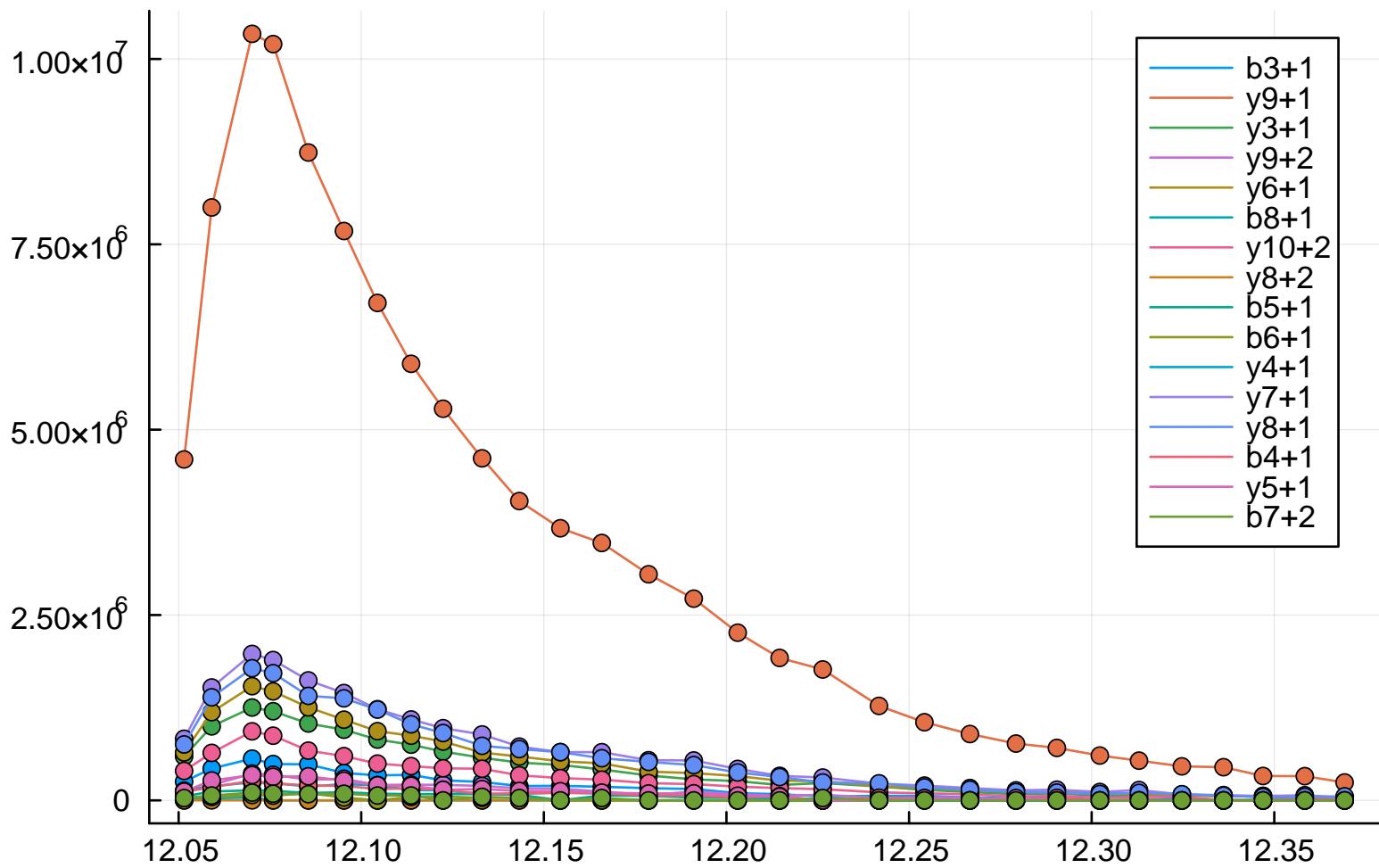
AKTS1- EAEDTQVFGDLPRPR[Harg]



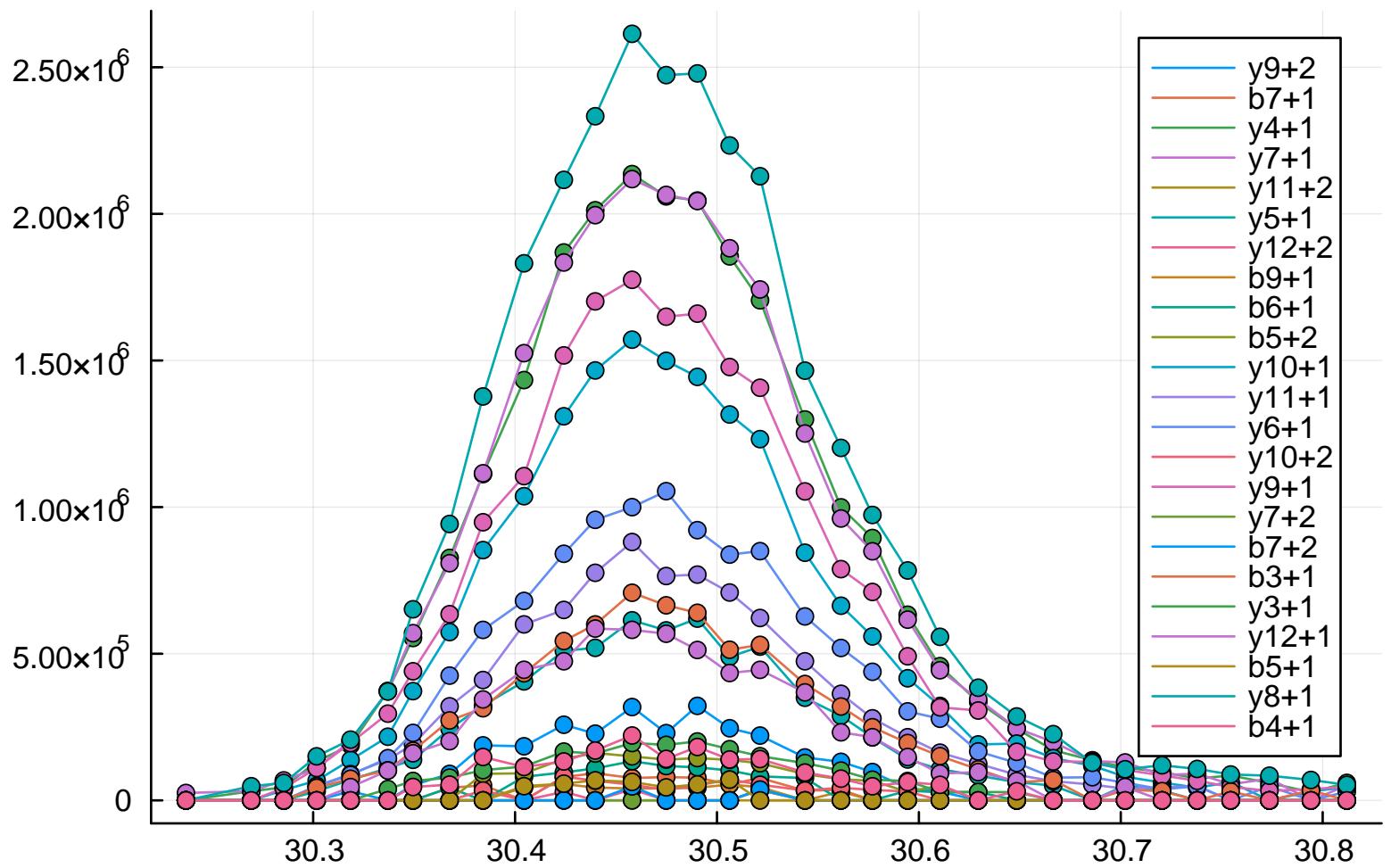
AKTS1- SLPVSVPVWGFK[Hlys]



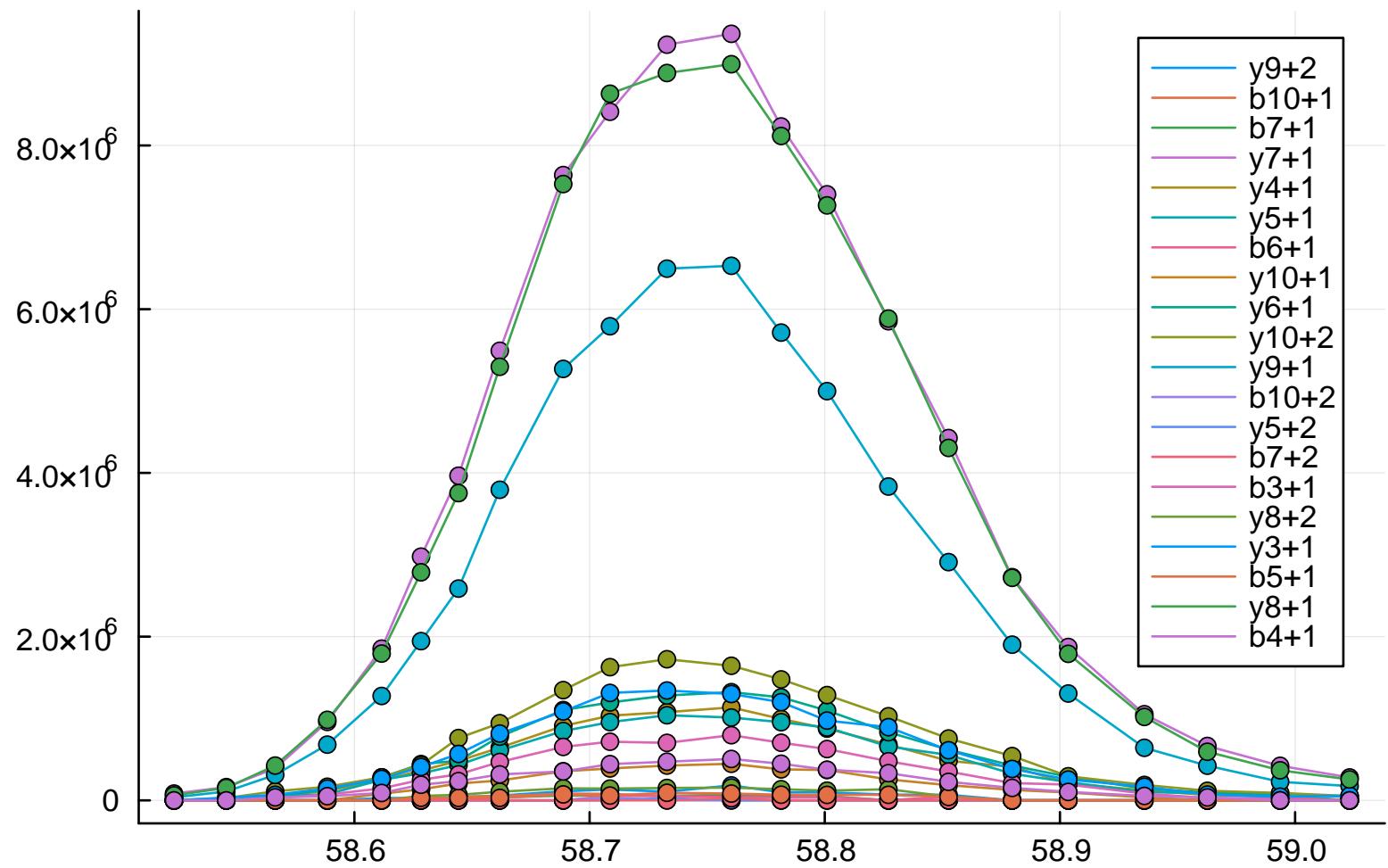
ARAF- GPPANGAEPSR[Harg]



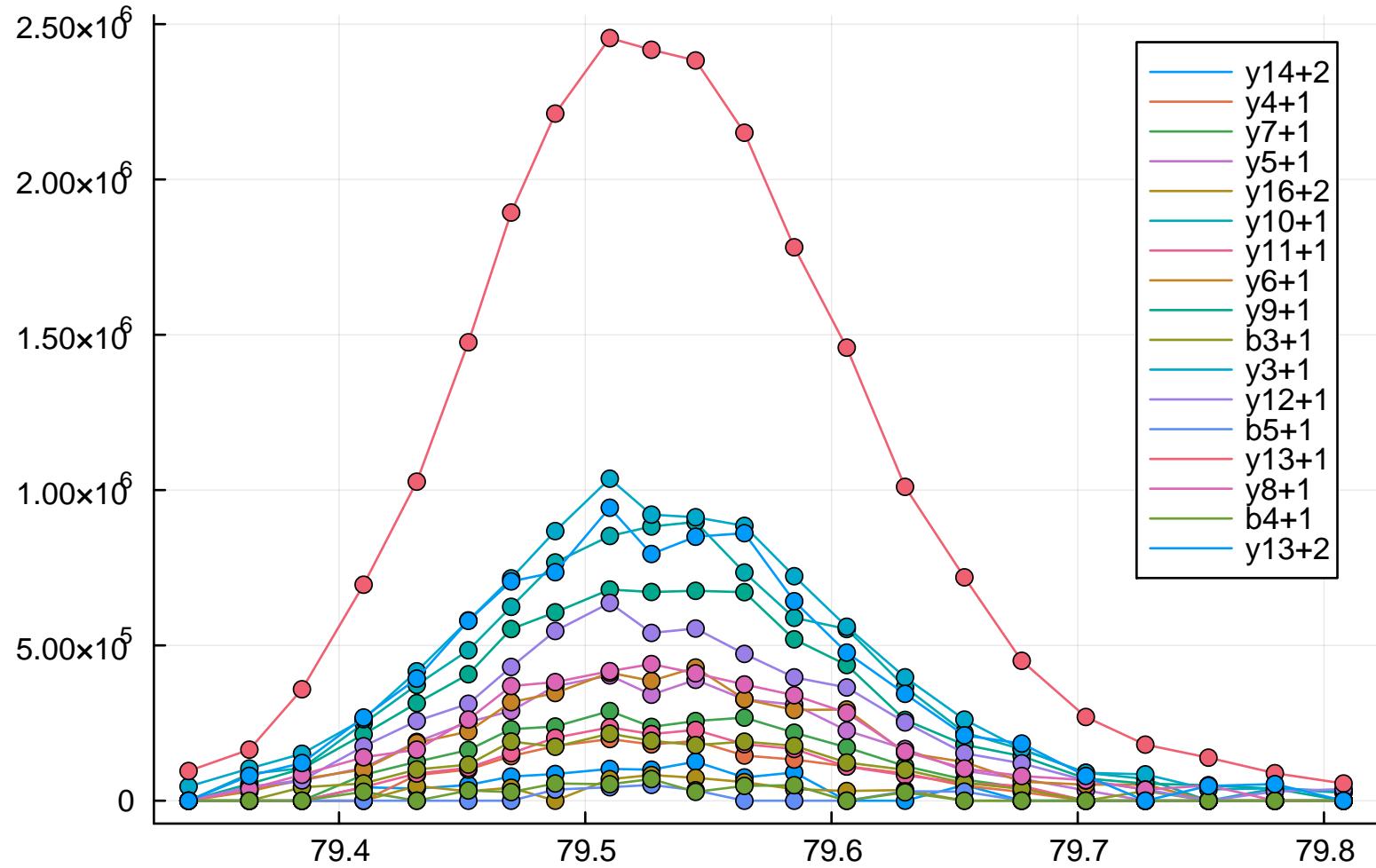
ATM- LDASC[Carb]AANNPSLK[Hlys]



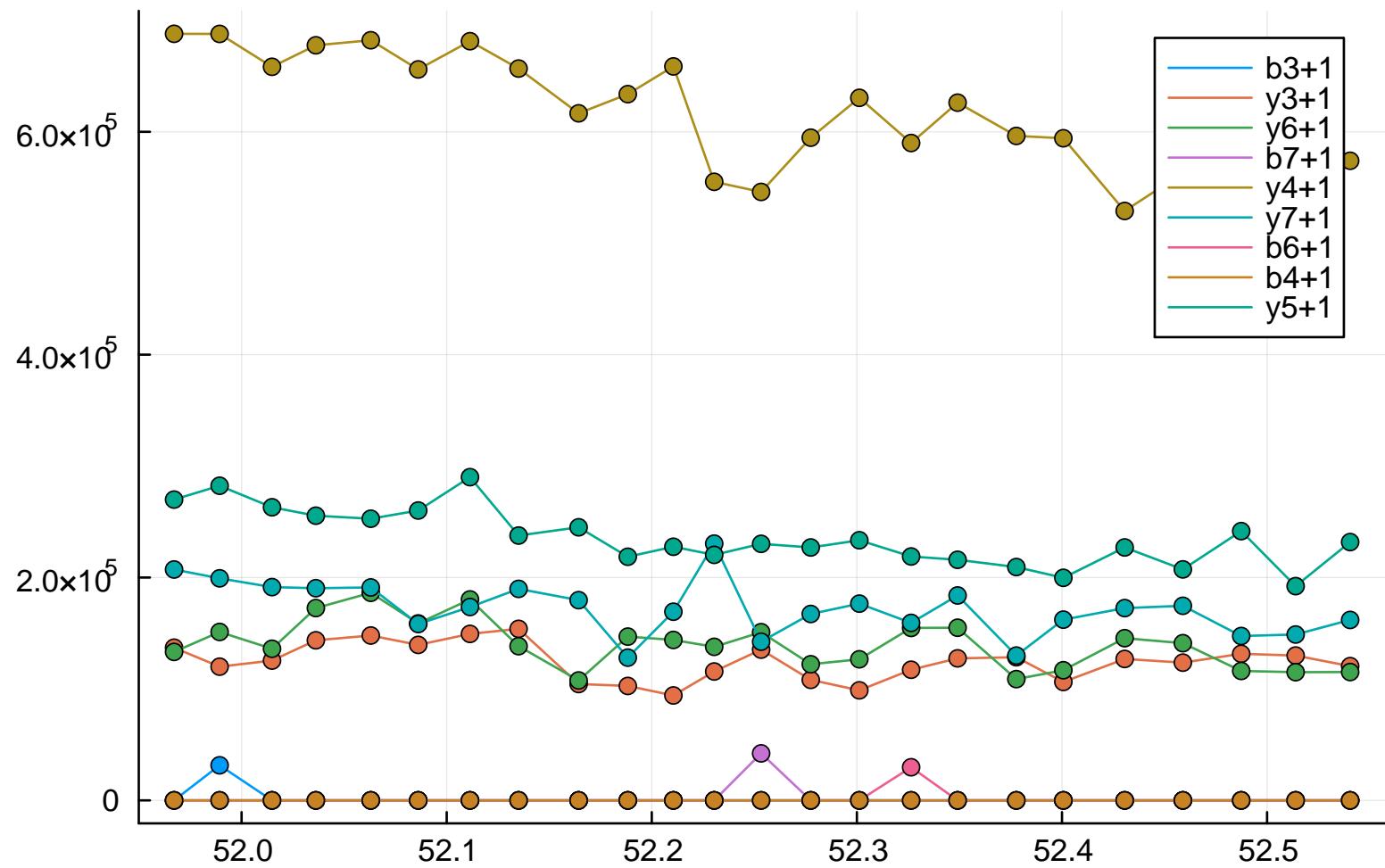
AXL- APLQGTLLGYR[Harg]



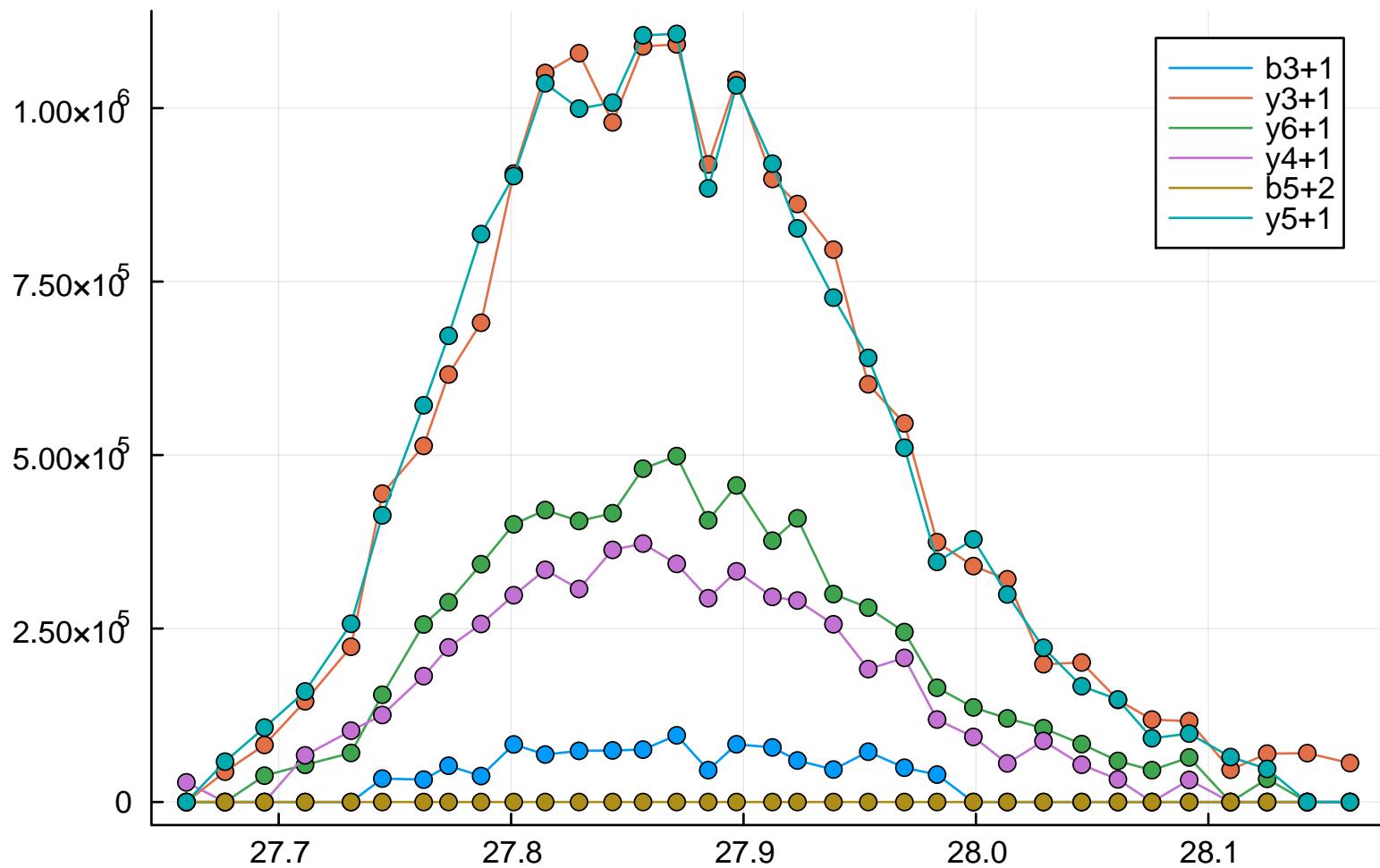
AXL- GQTPYPGVENSEIYDYL[Rarg]



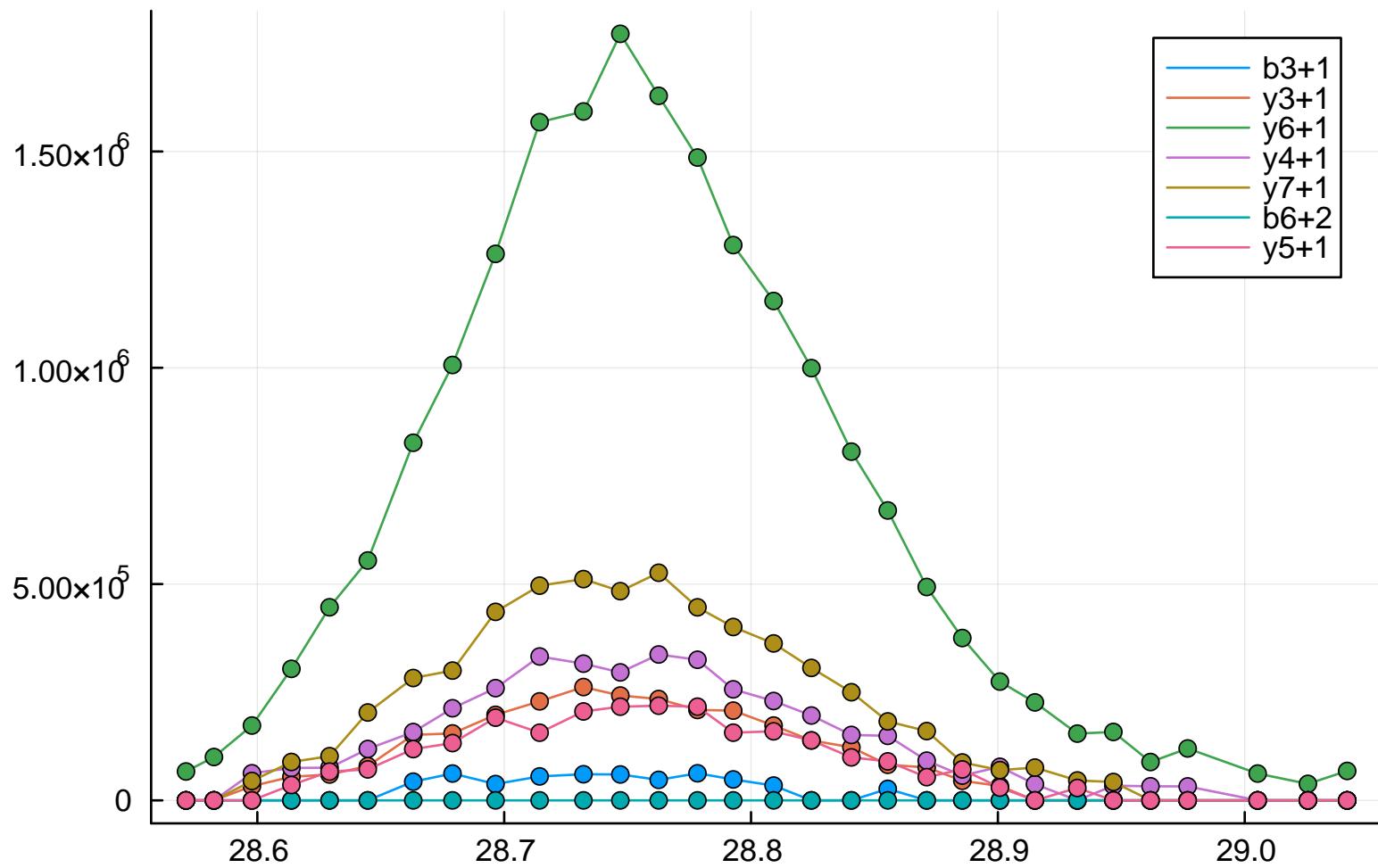
BCKDK- LTDFPPIK[Hlys]



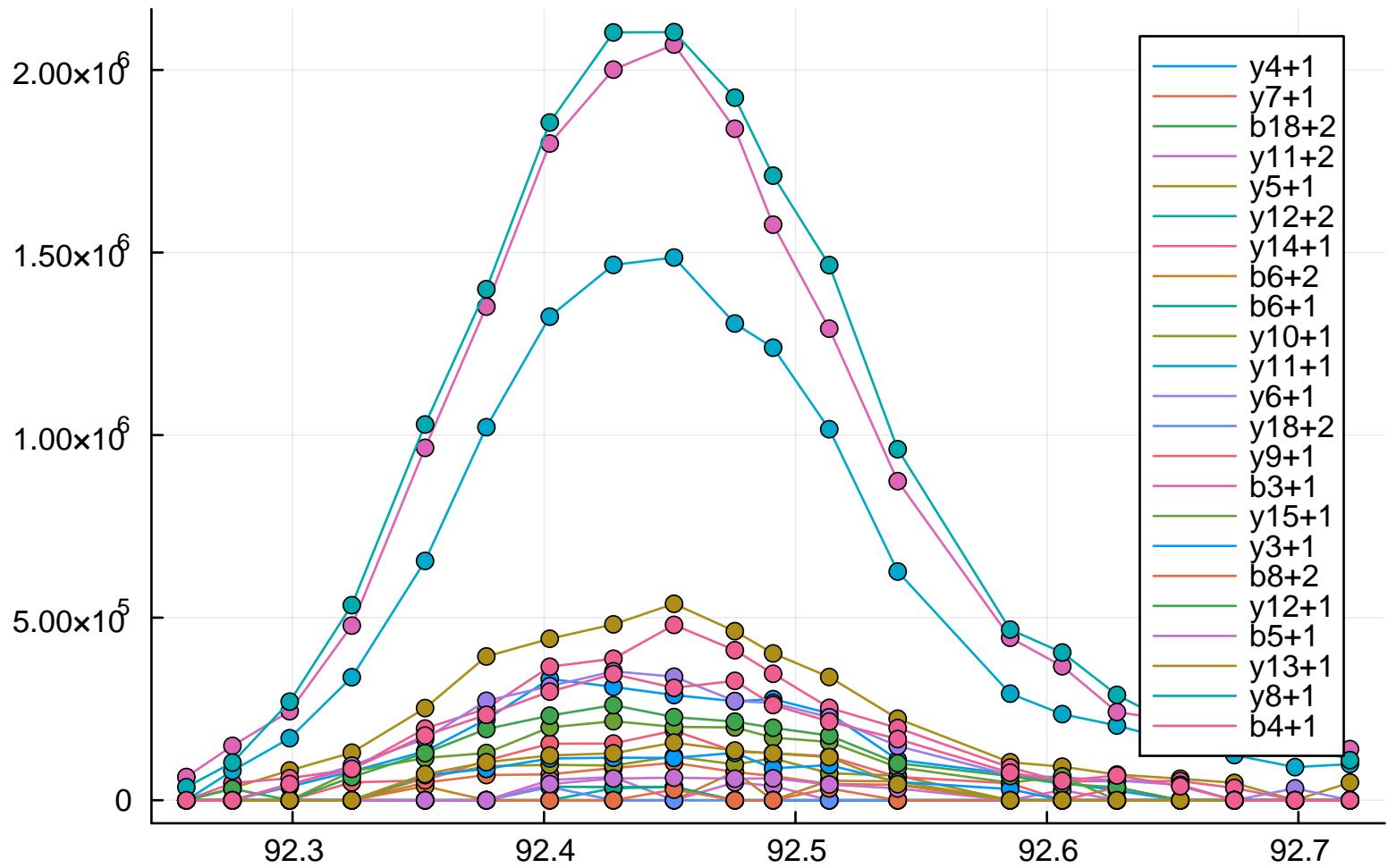
BLK- LYAVVTK[Hlys]



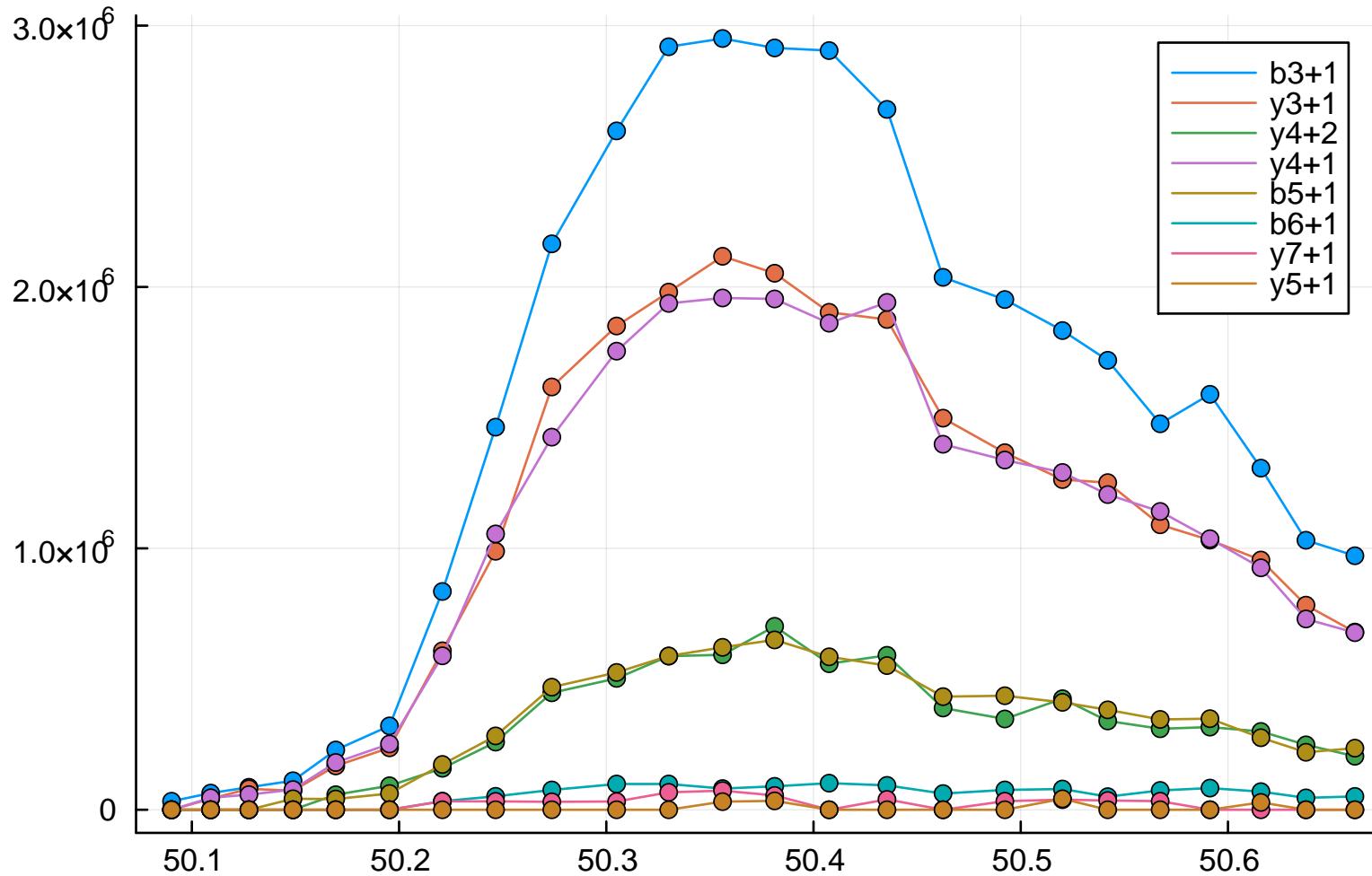
BLK- VESLEMER[Harg]



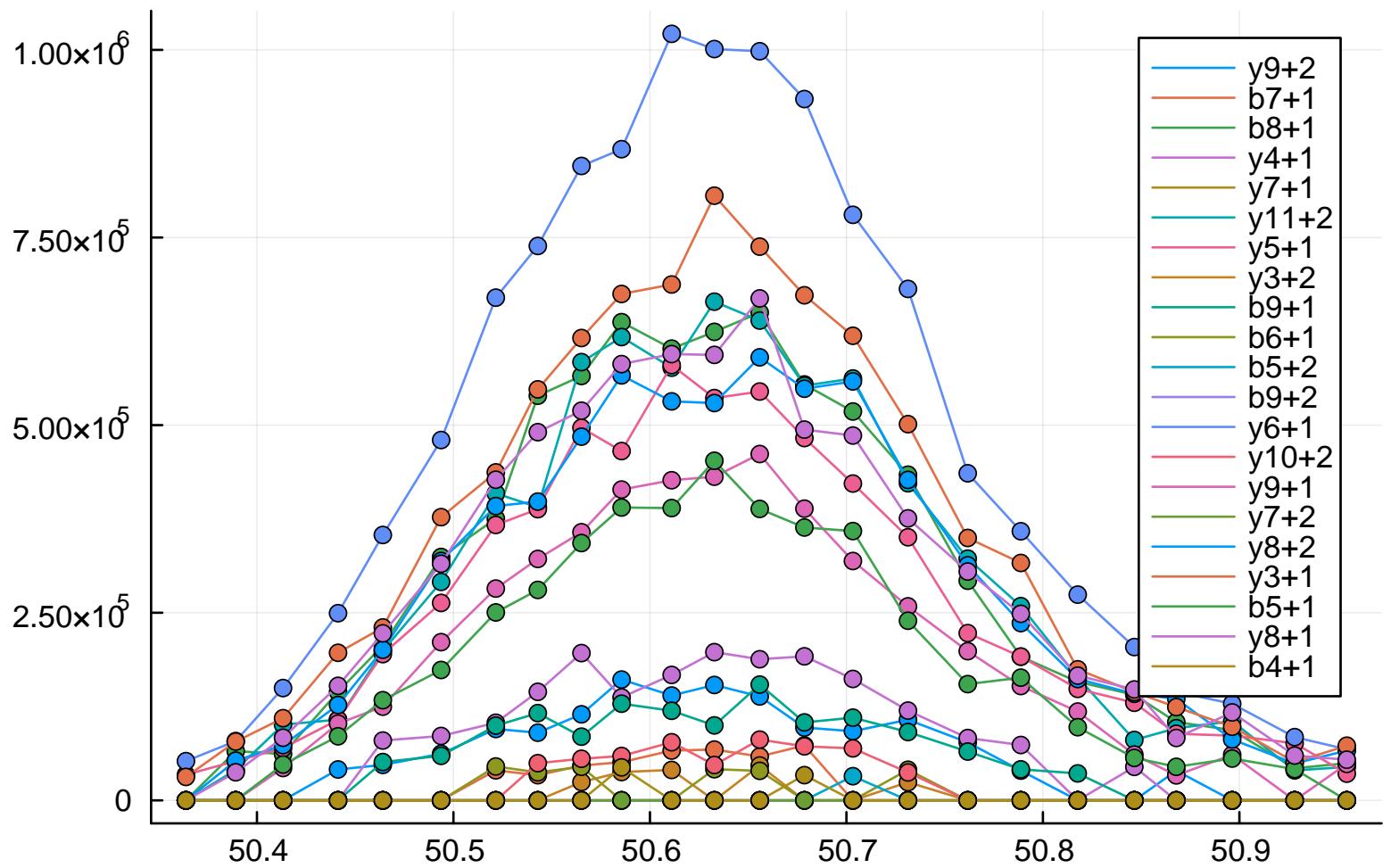
BMP2K- SVDVFGSTPFQPFLTSTS[HIys]



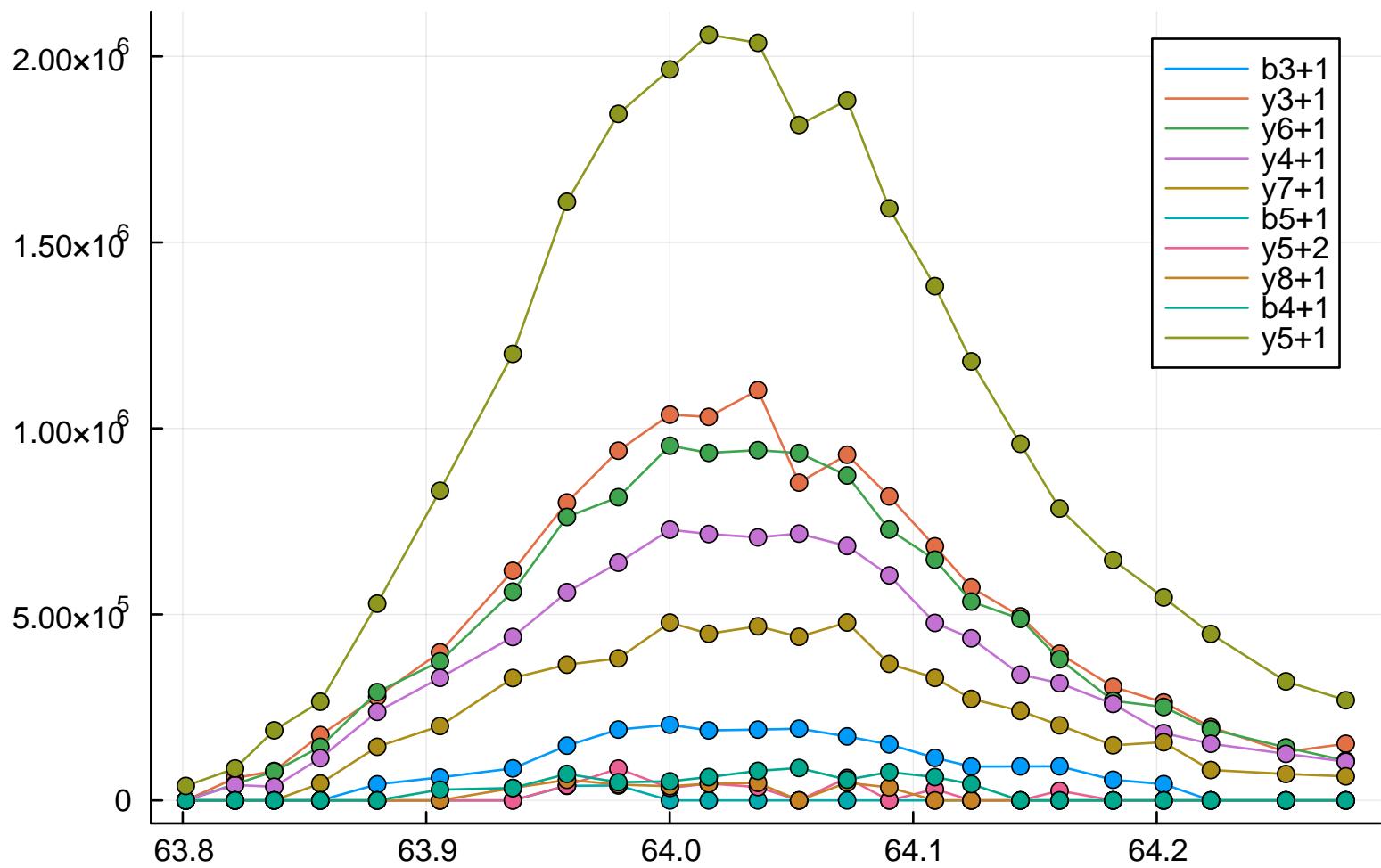
BMPR1B- DLHPTLPPPLK[Hlys]



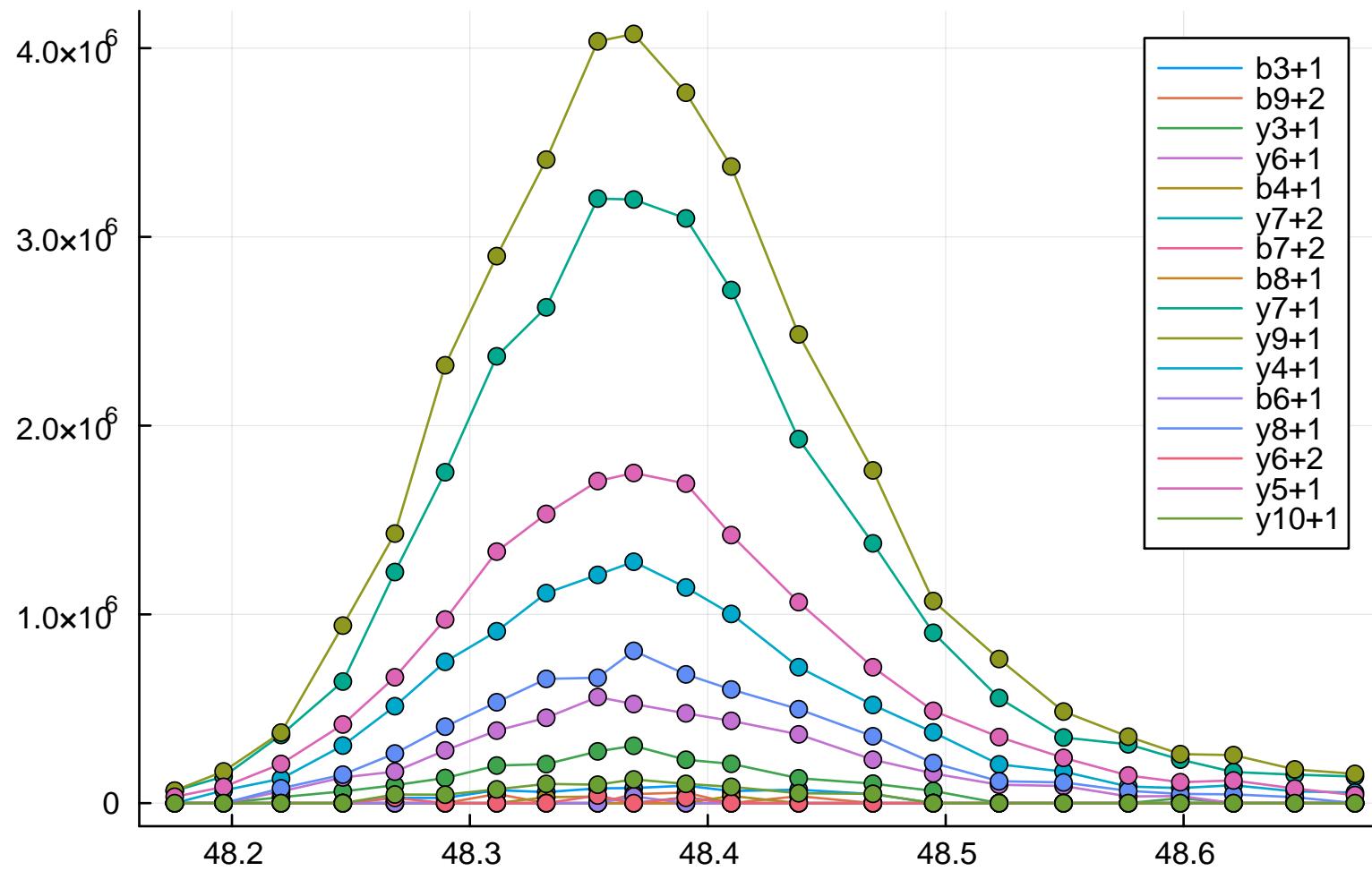
BRAF- LTQEHIEALLDK[Hlys]



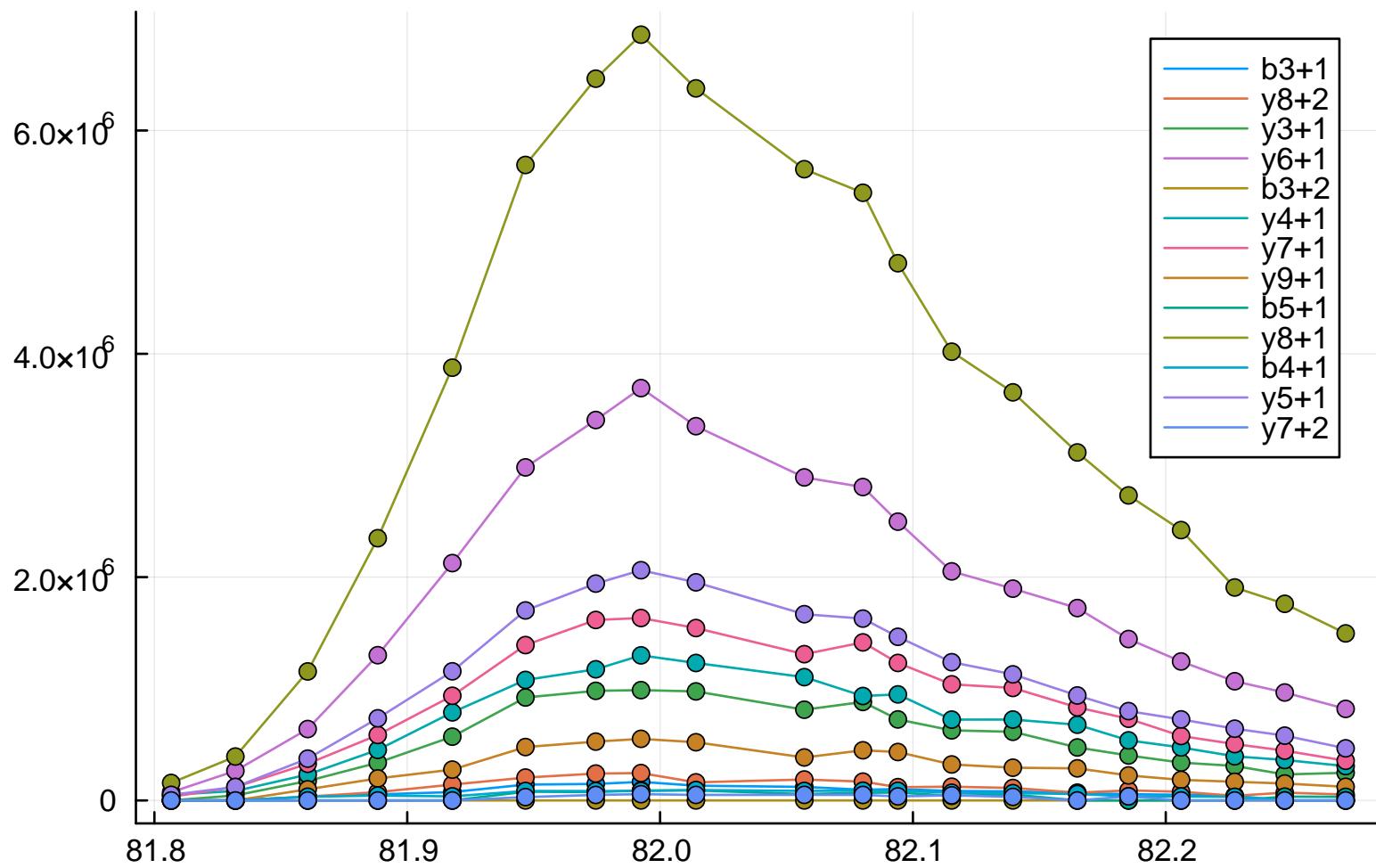
BRSK2- EEQIFVVVIK[Hlys]



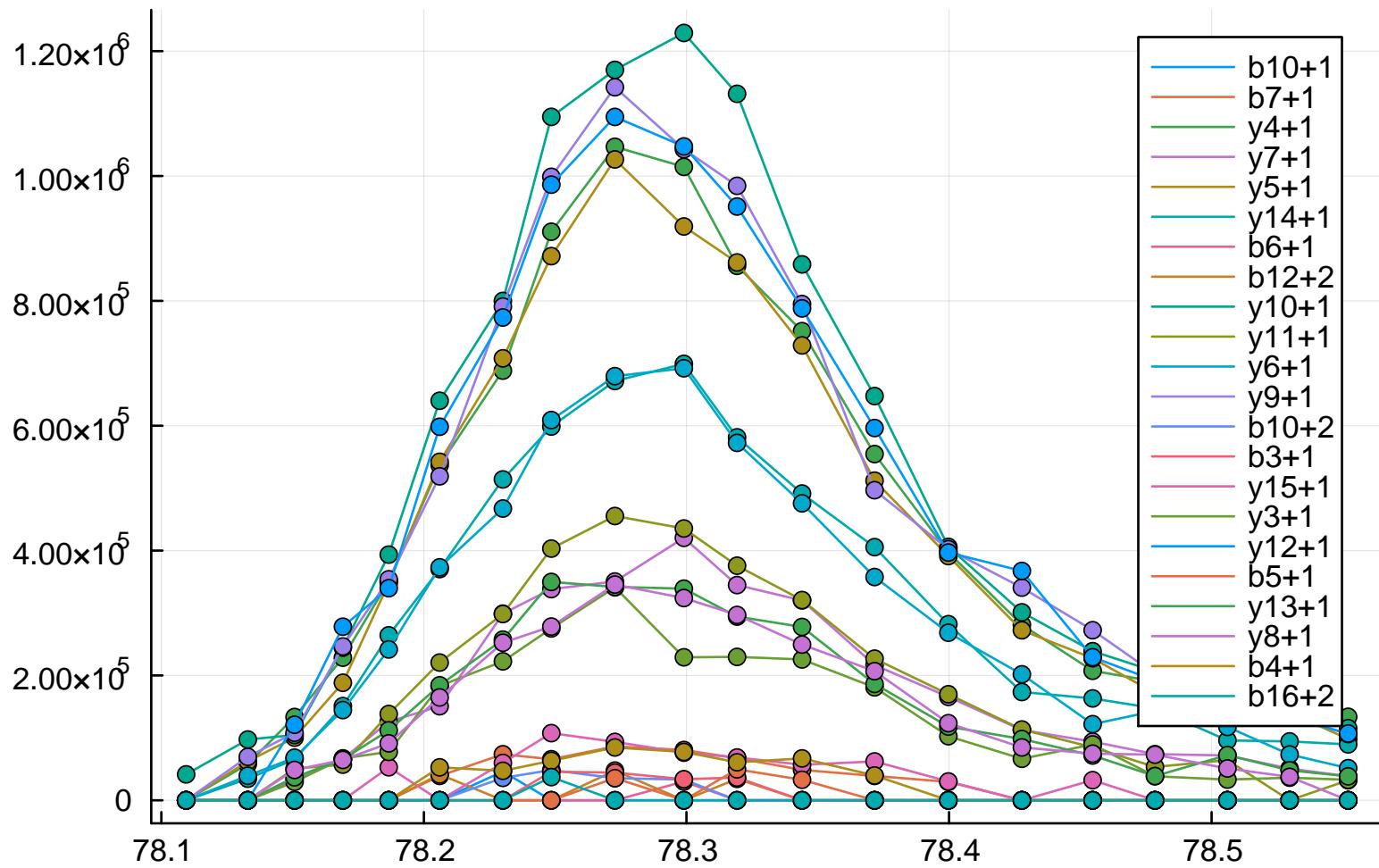
BTK- ELGTGQFGVVK[H]lys



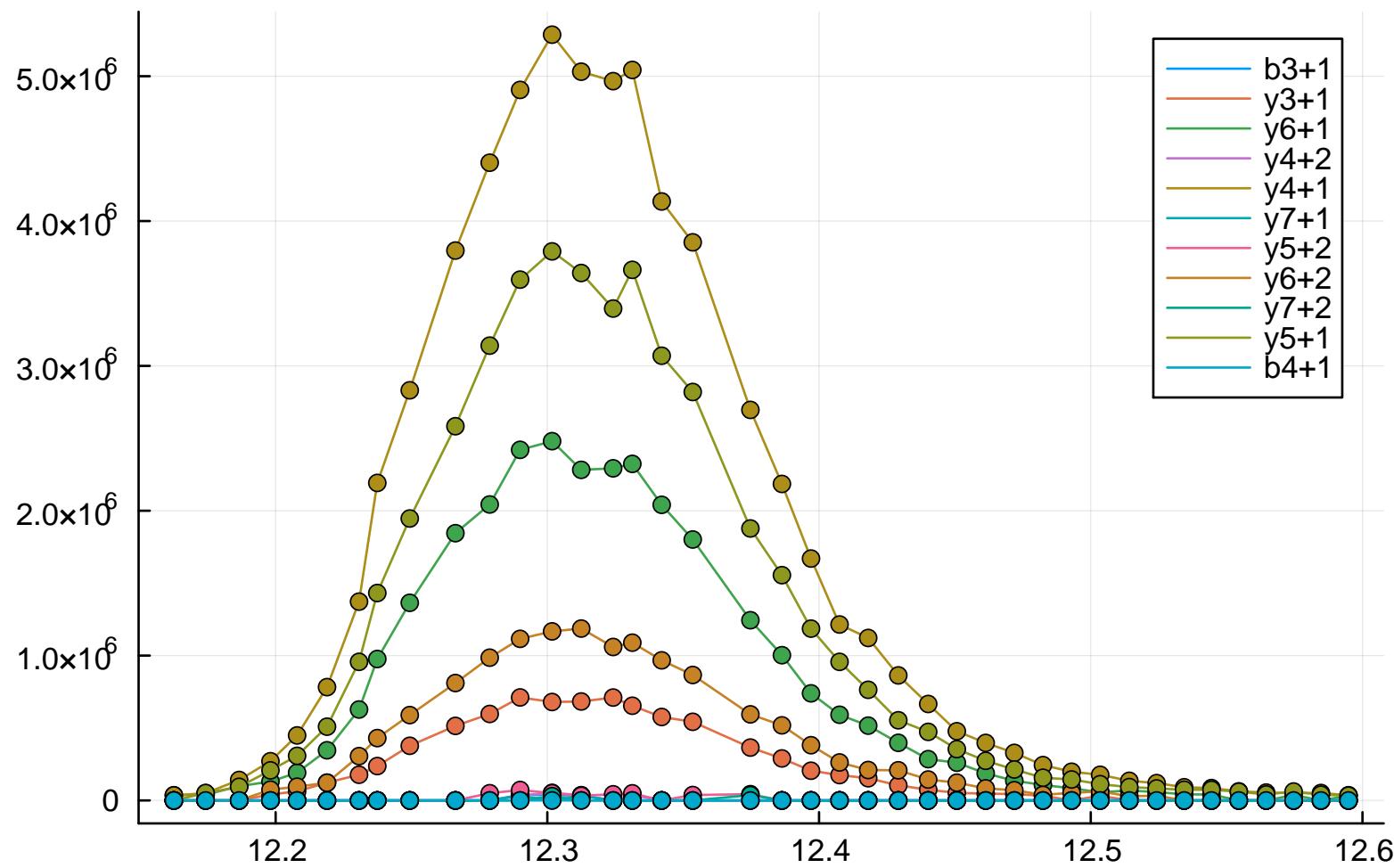
CAMK1- LIFQVLDAVK[Hlys]



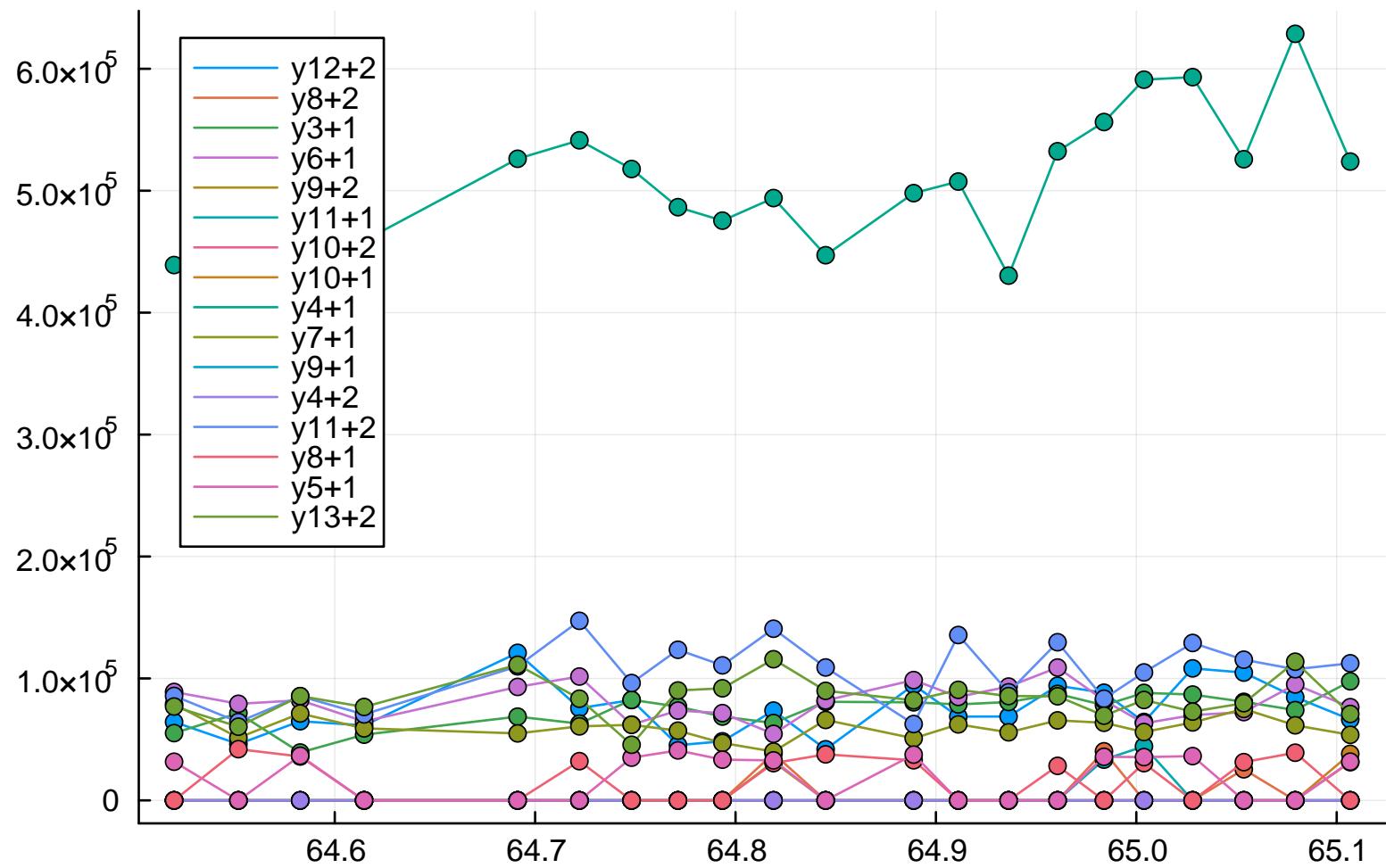
CAMK1D- ETLGTGAFSEVVLAEEK[Hlys]



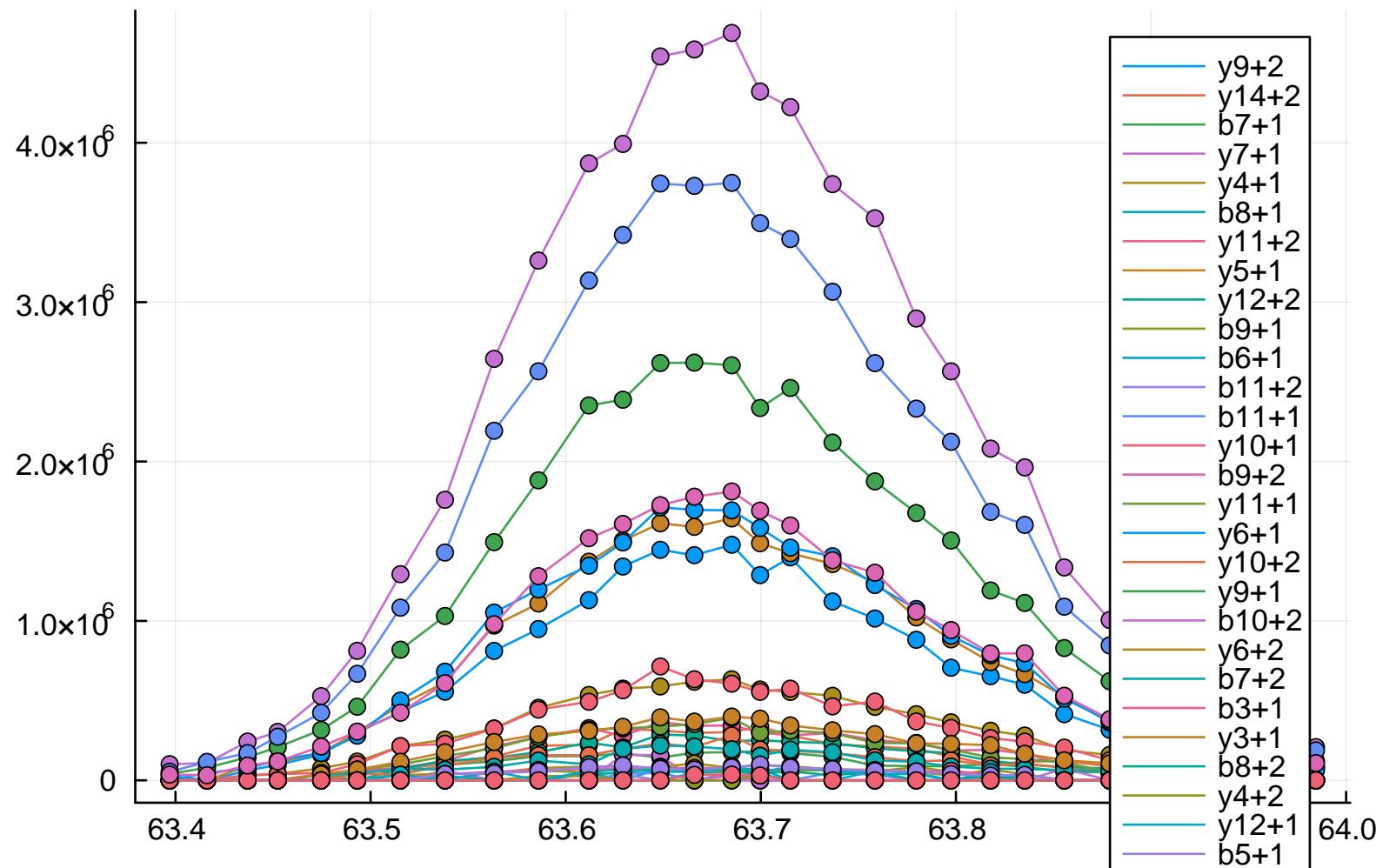
CCNA2- AAPVQQPR[Harg]



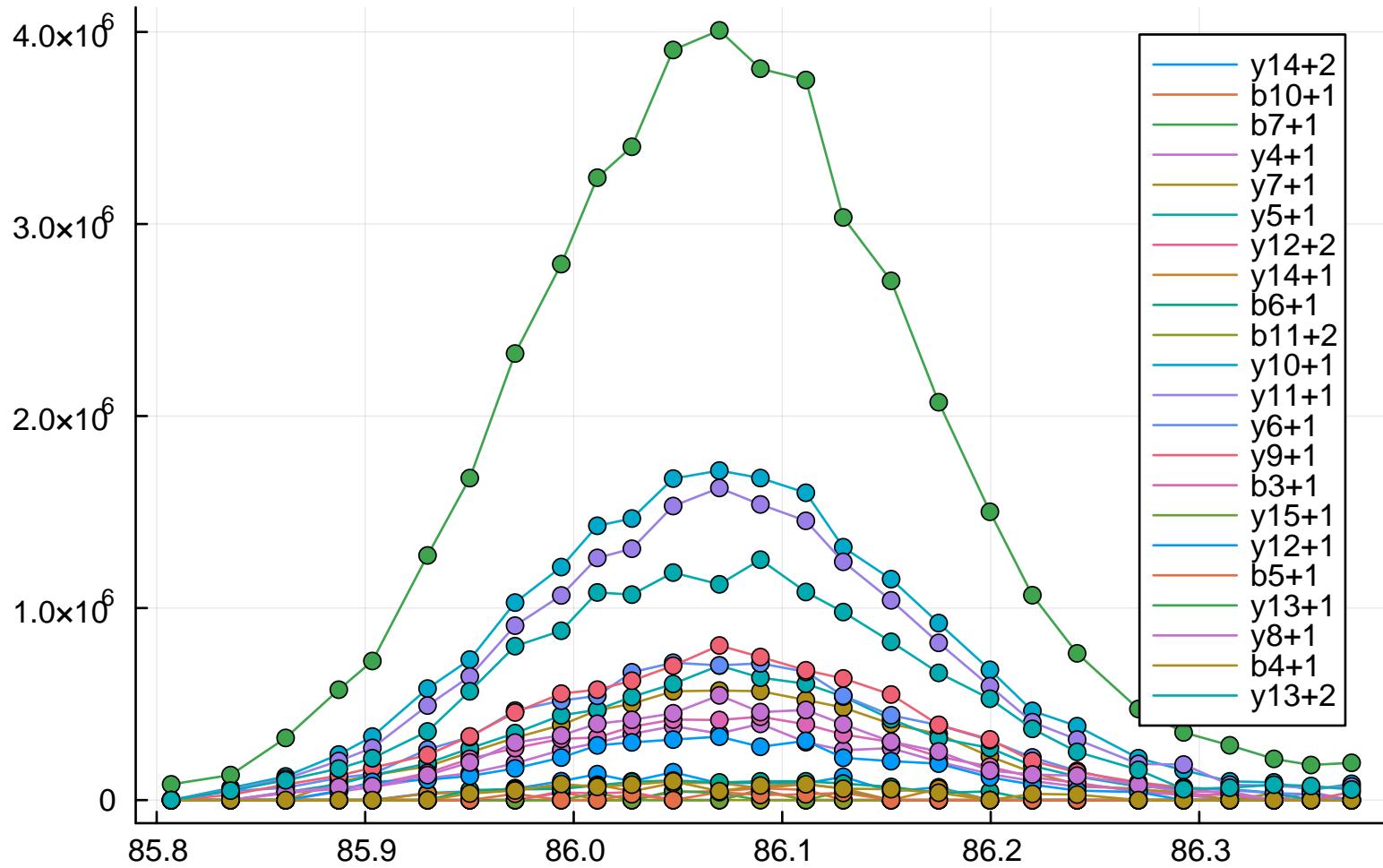
CCNA2- DLPVNDEHVTVPPWK[Hlys]



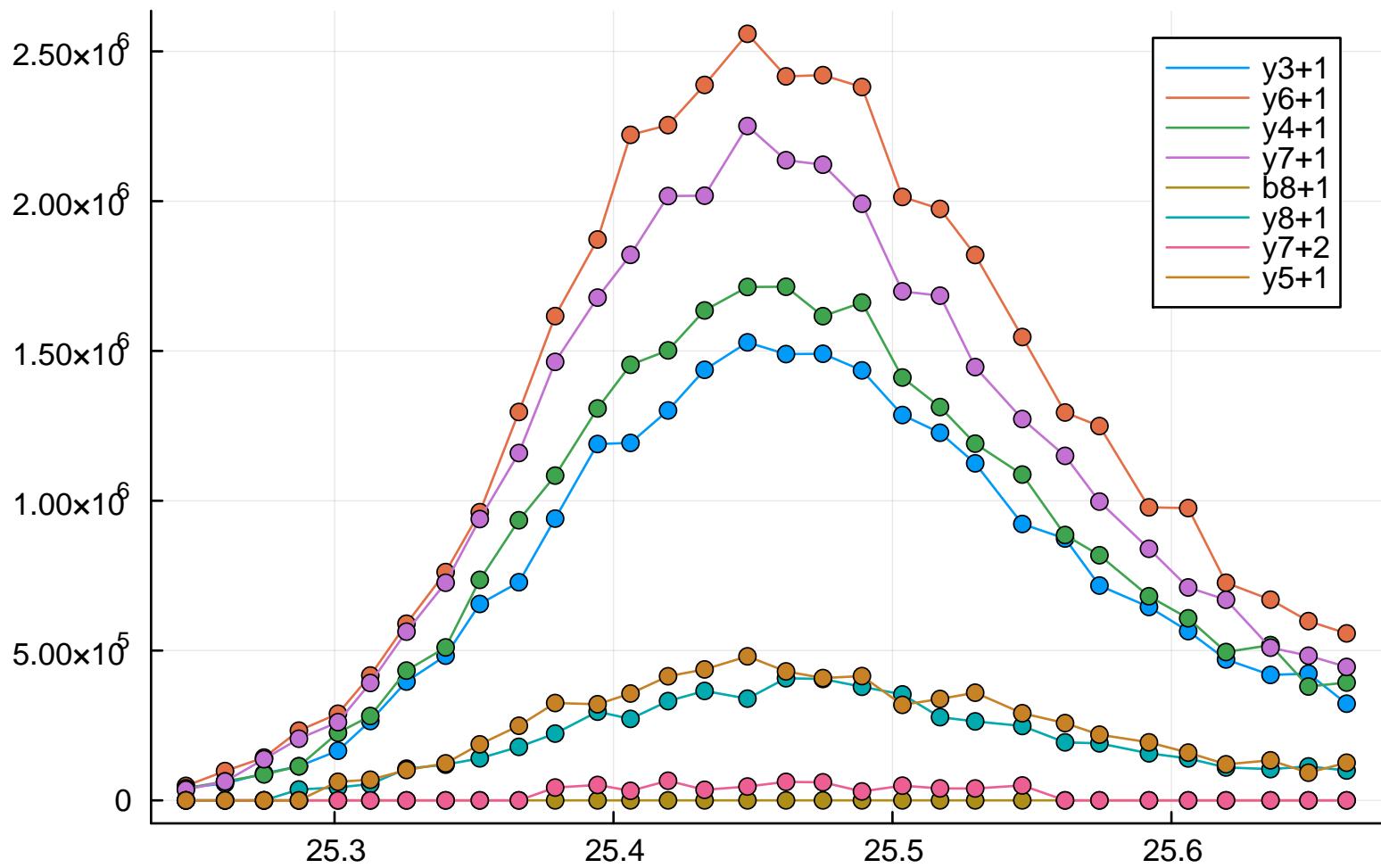
CCNA2- LQNETLHLAVNYIDR[Harg]



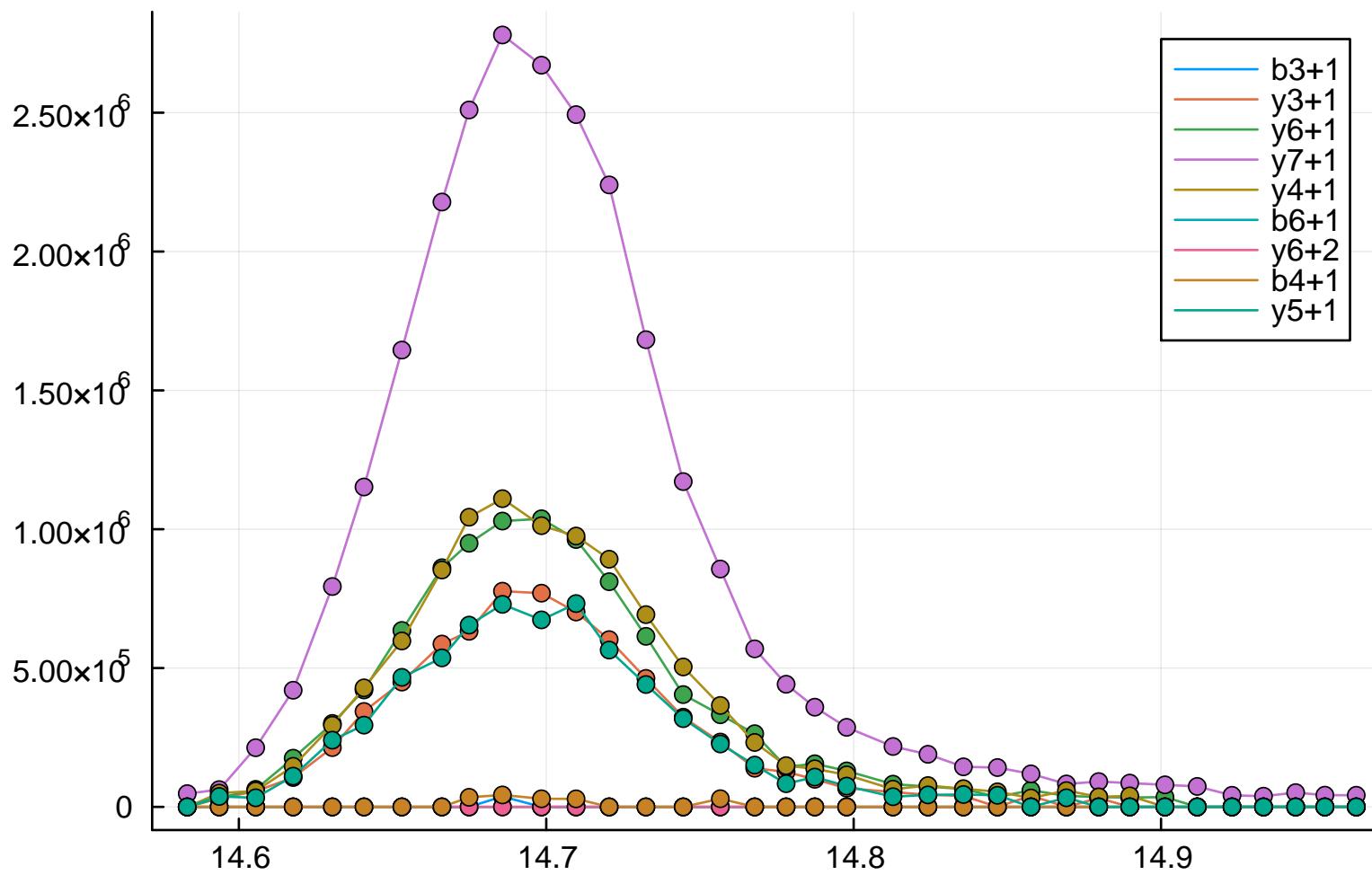
CCNB1- ISTLPQLNSALVQDLAK[Hlys]



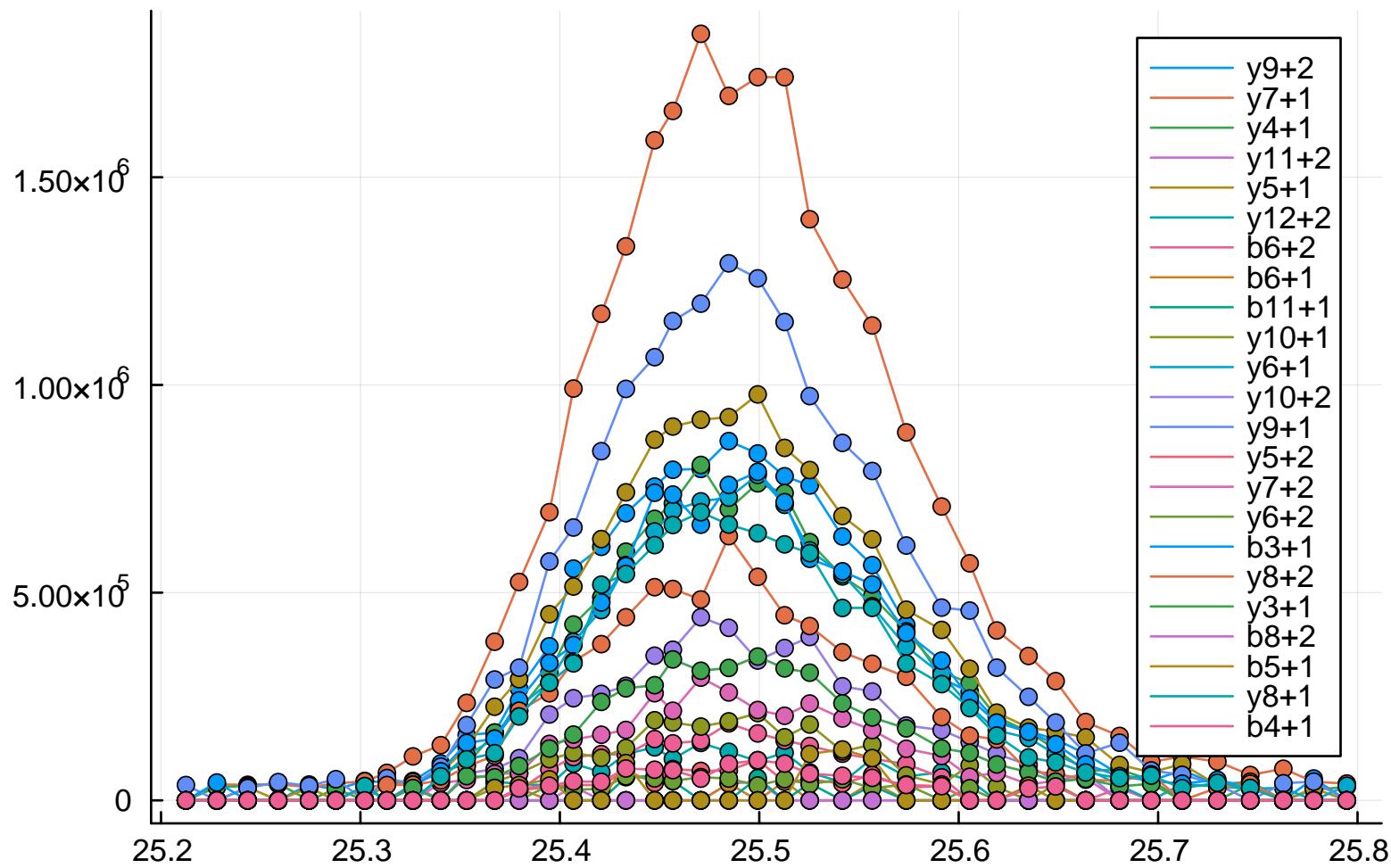
CCNB1- TALGDIGNK[Hlys]



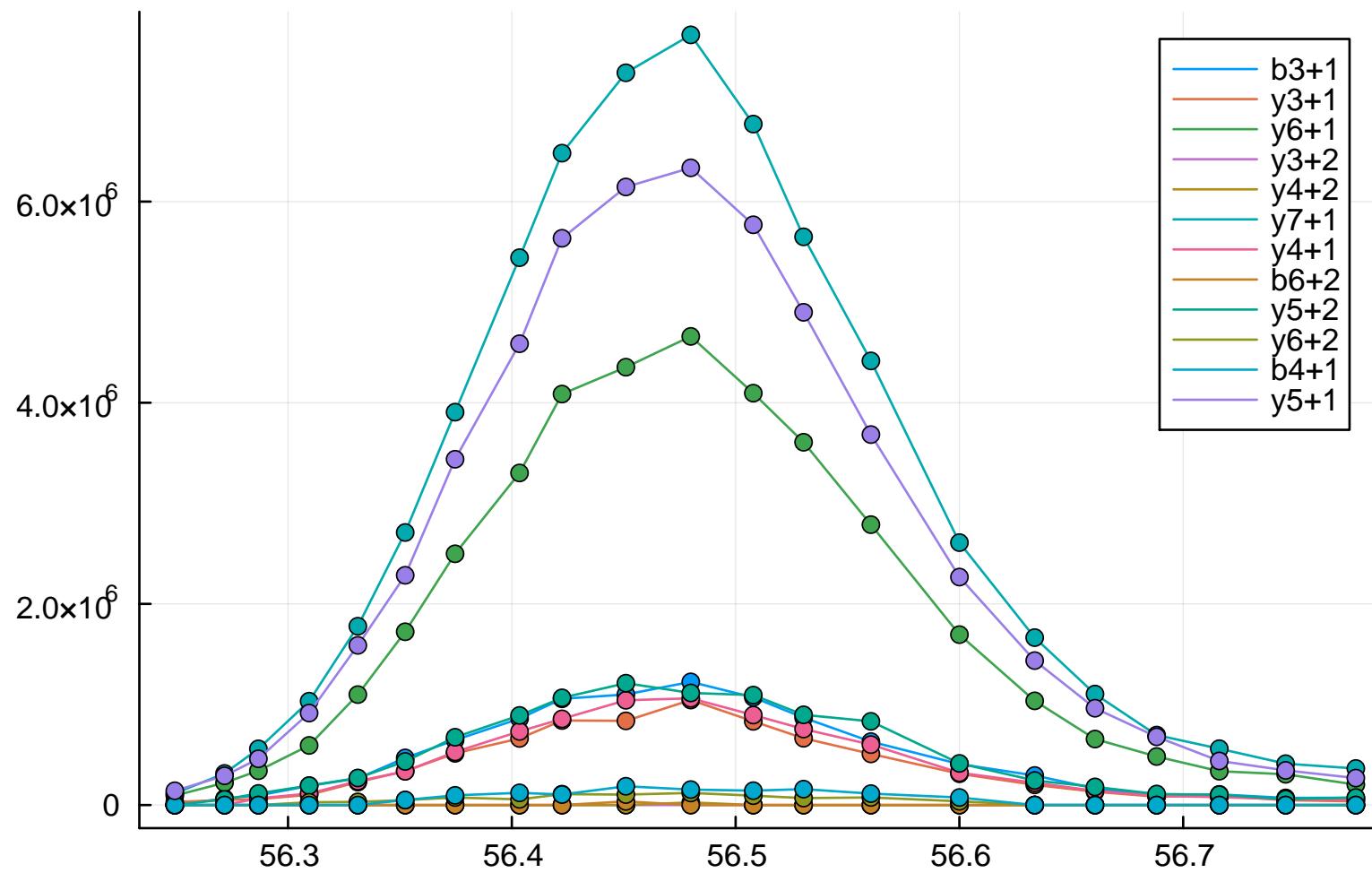
CCNB1- VSEQLQAK[H]lys]



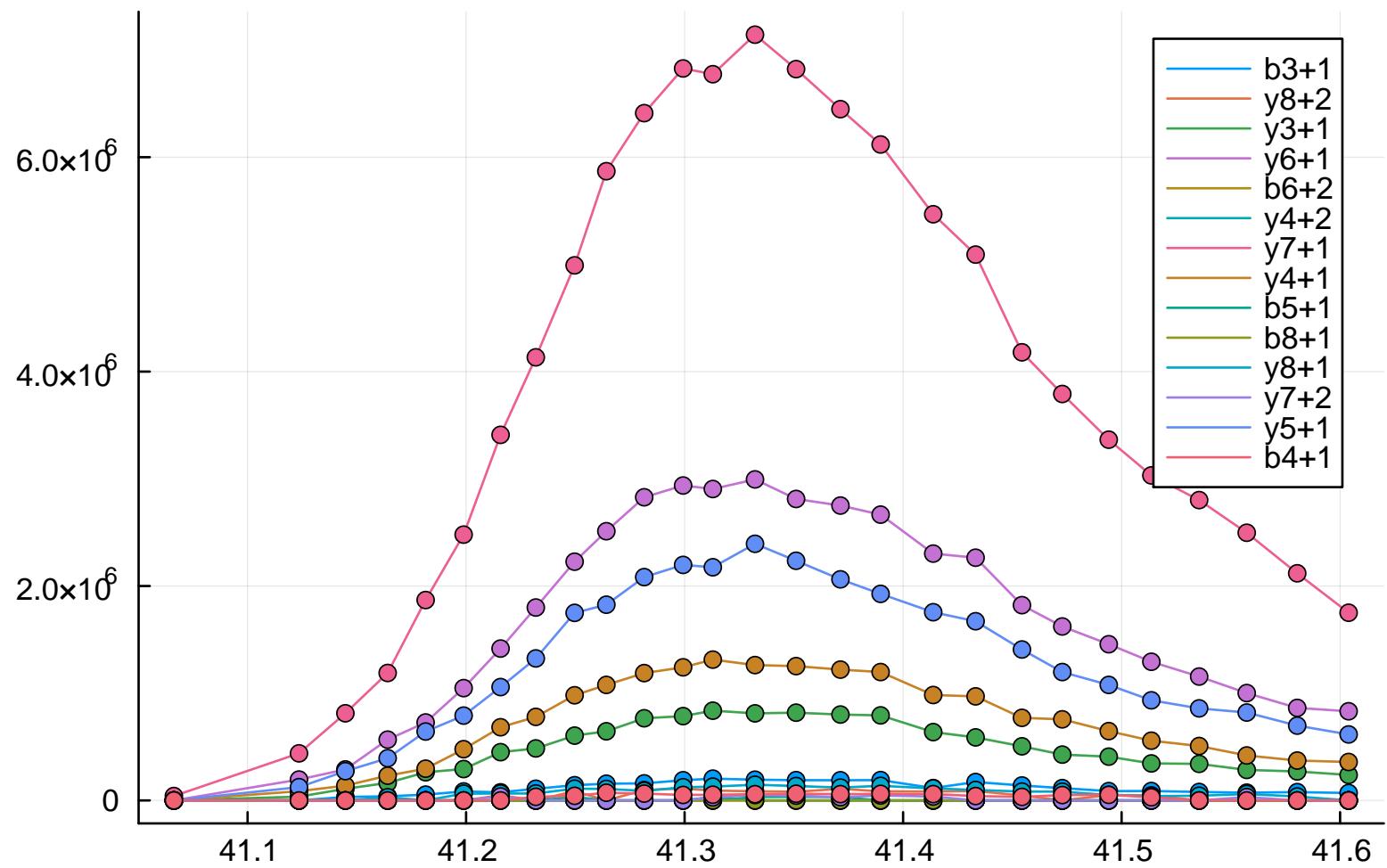
CCNB2- AGEVDVEQHTLAK[H]lys



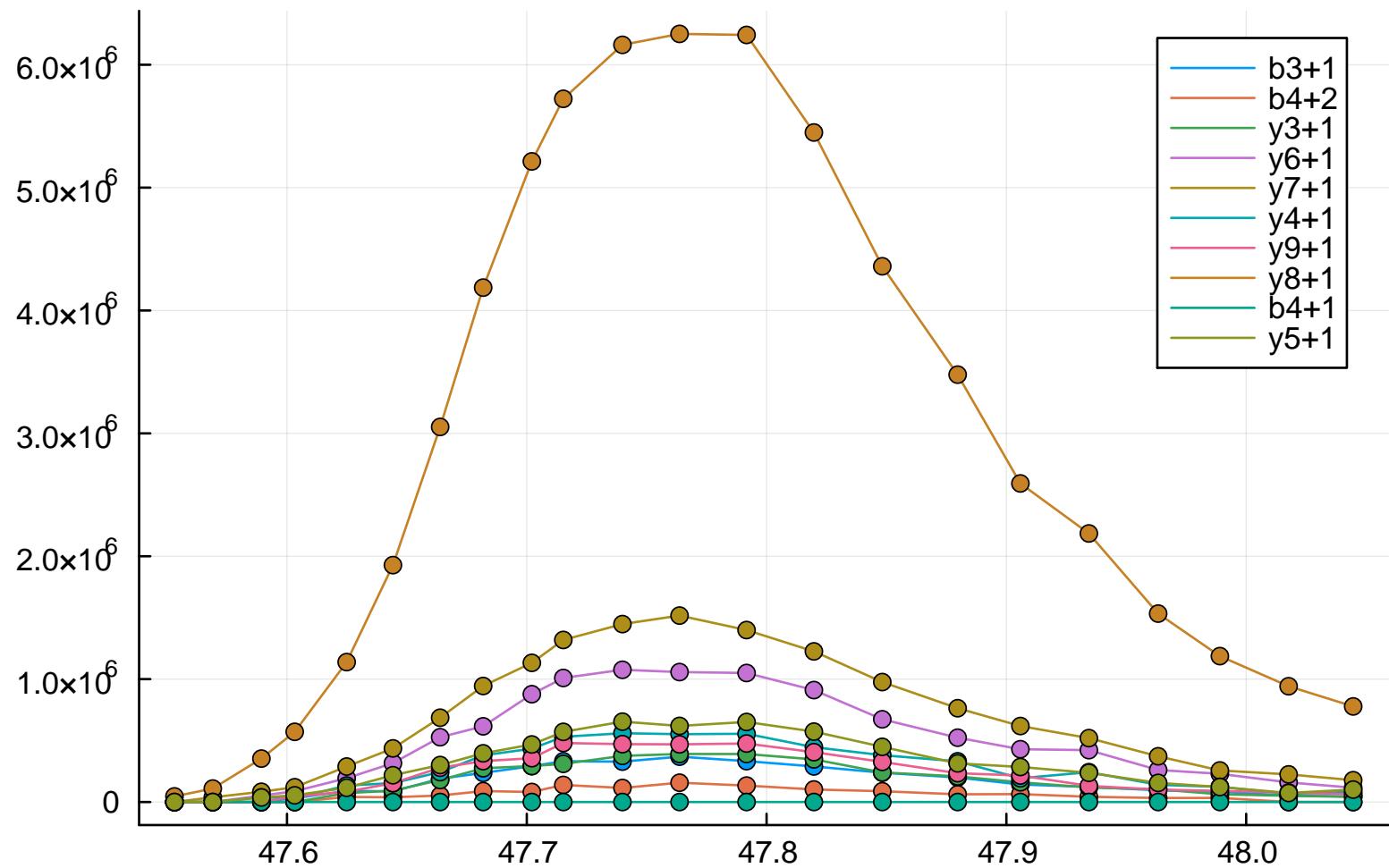
CCNB2- DLASPLIGR[Harg]



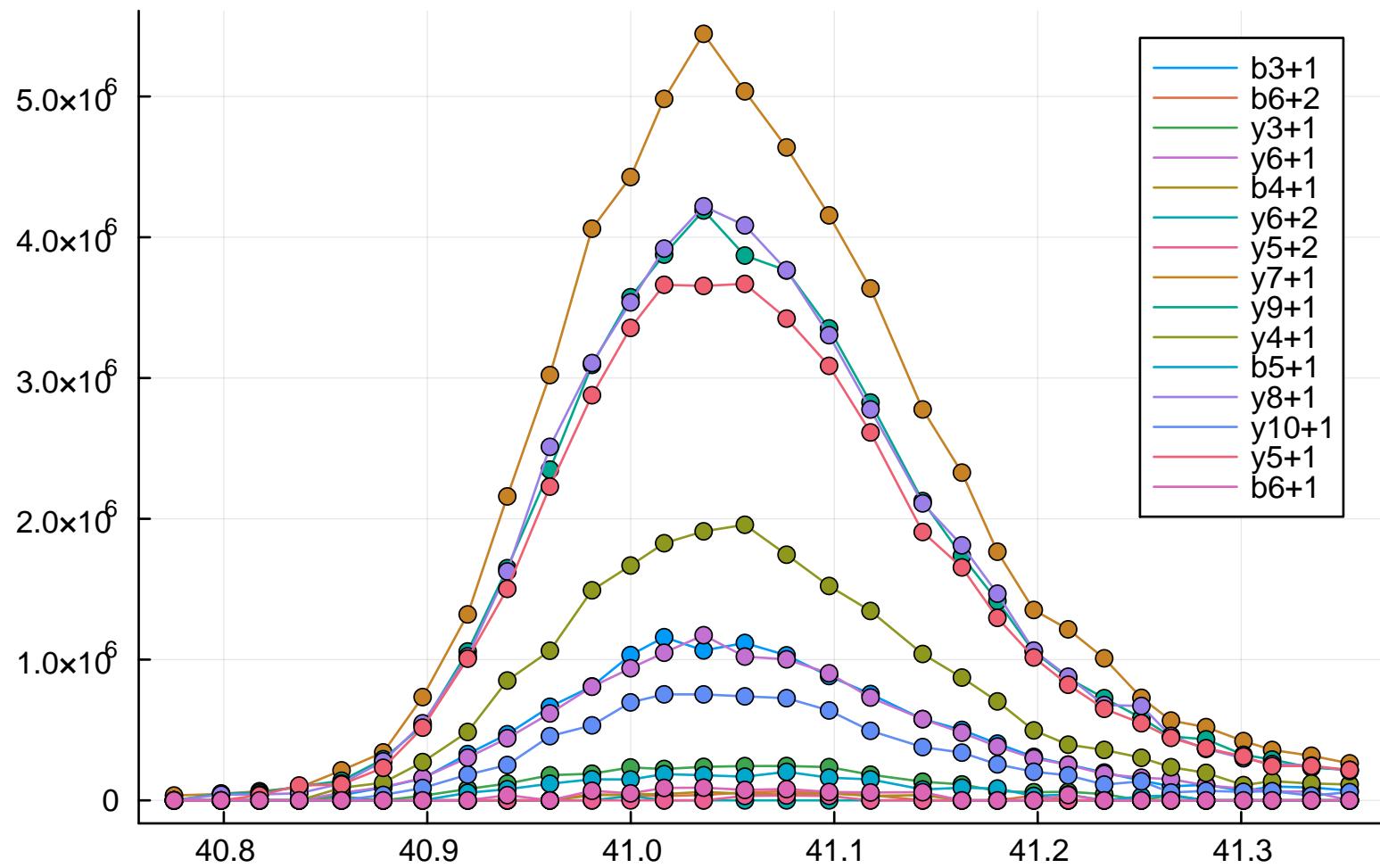
CCNB2- TVLEEIGNR[Harg]



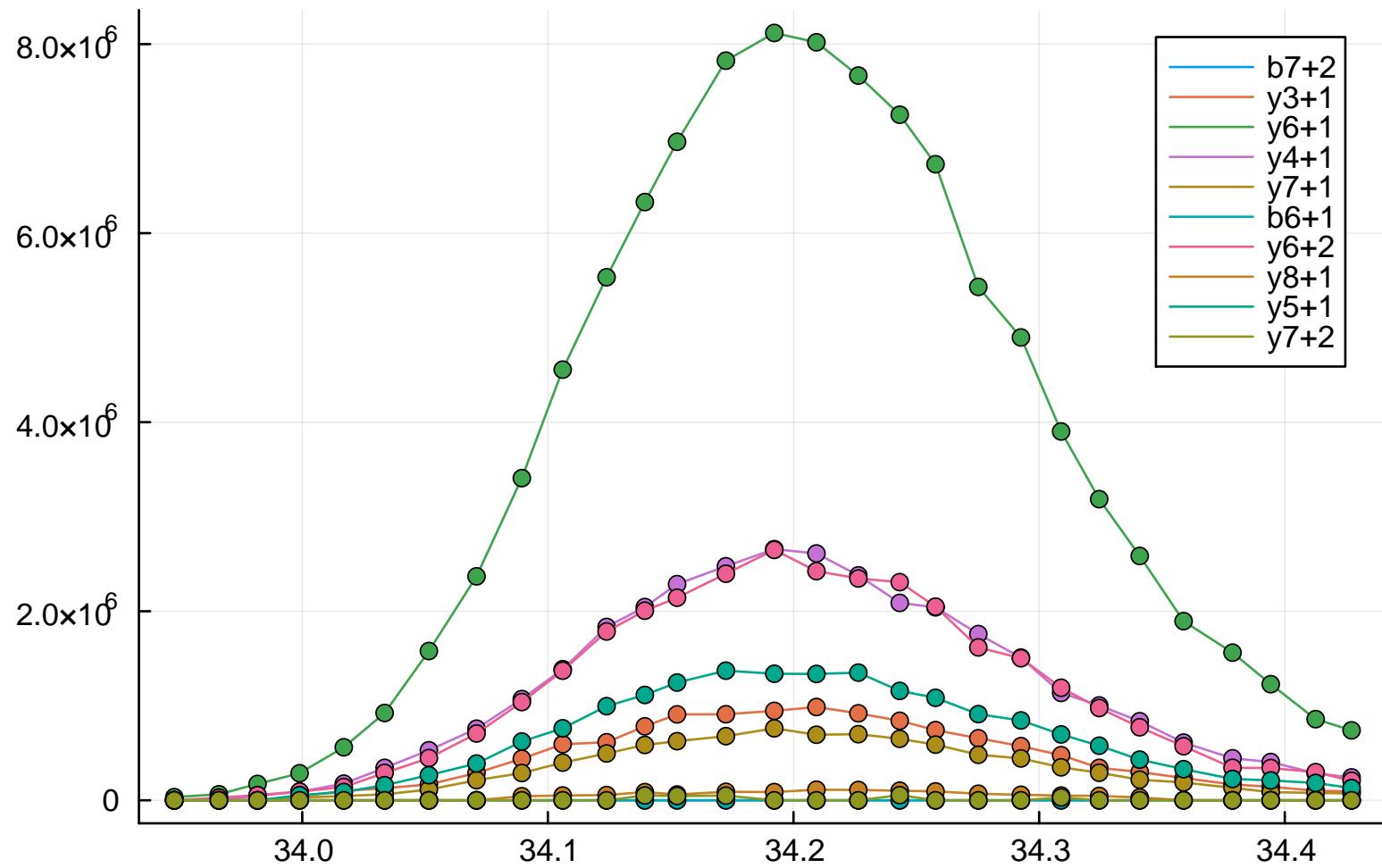
CCNC- LIAAATSVLK[Hlys]



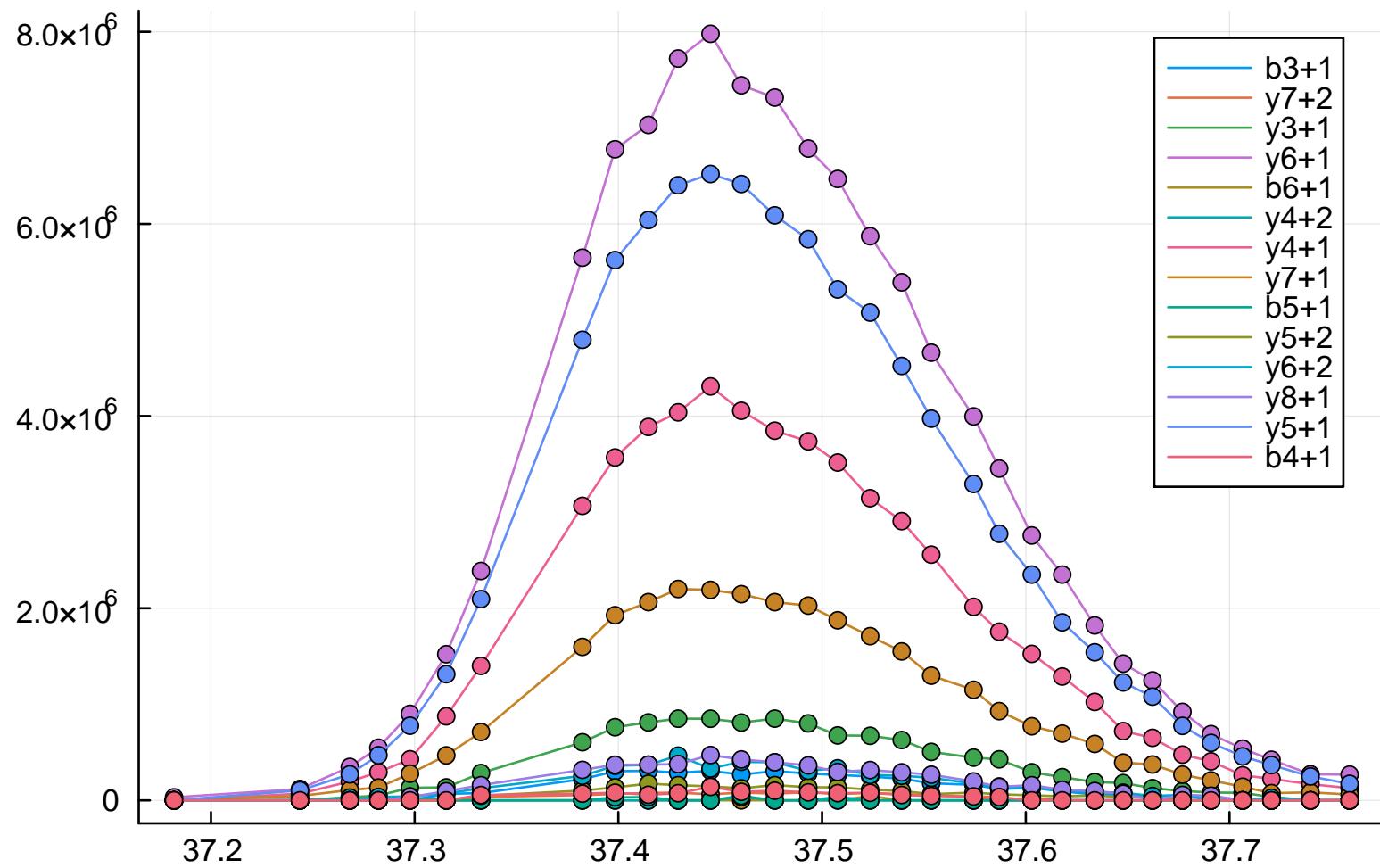
CCNC- VEEFGVVSNTR[Harg]



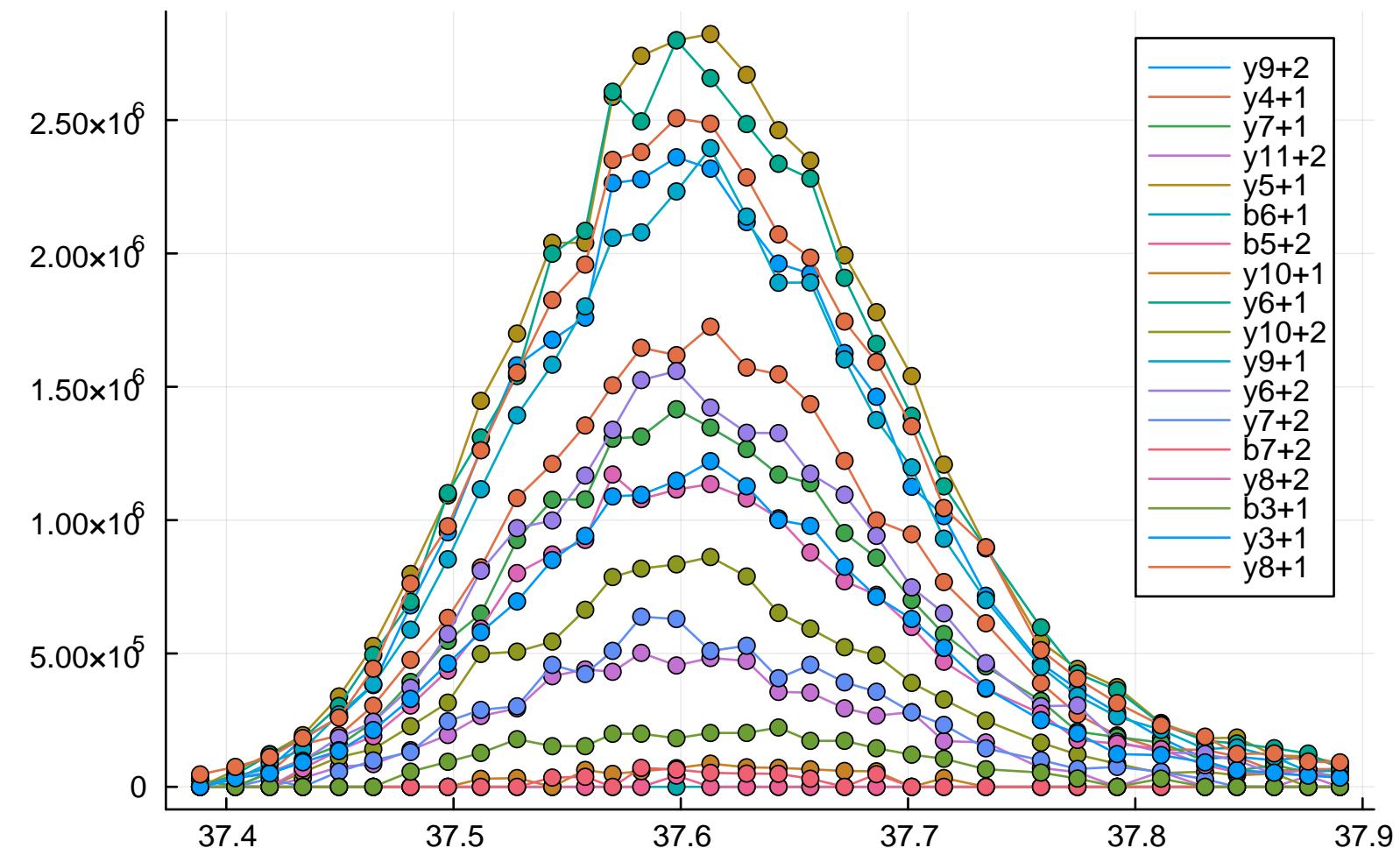
CCND1- ETIPLTAEK[Hlys]



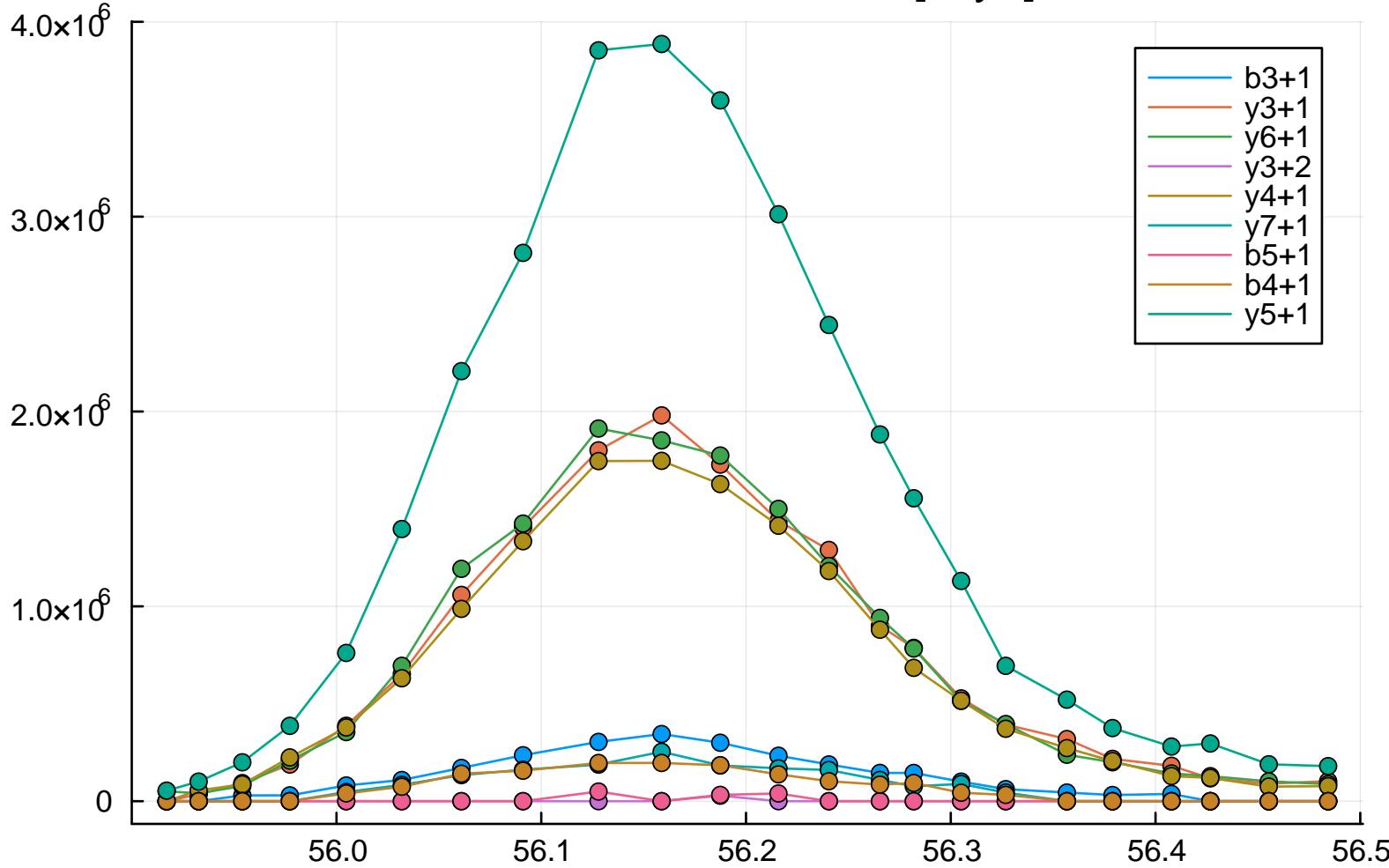
CCND3- ASYFQC[Carb]VQR[Harg]



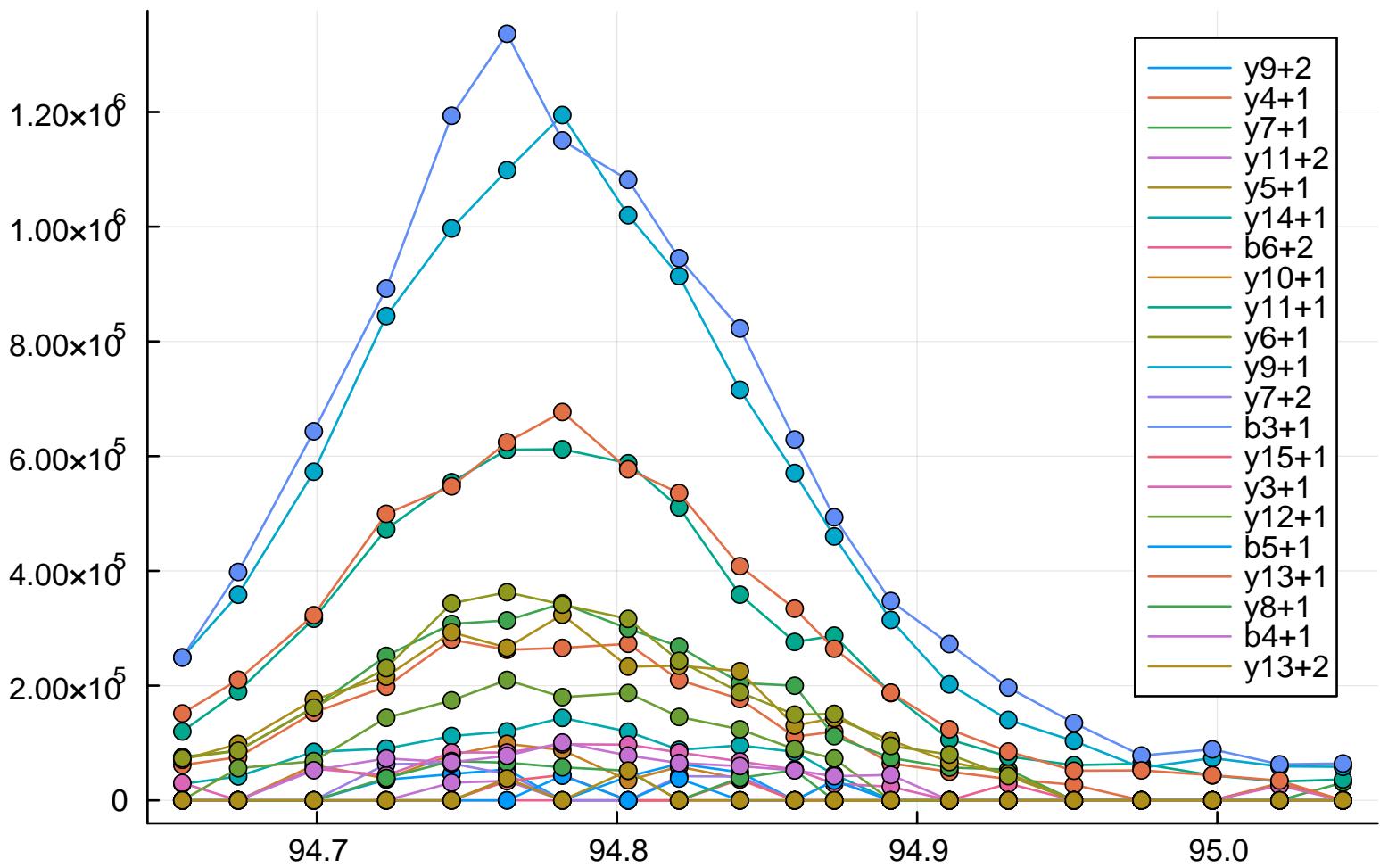
CCND3- LC[Carb]IYTDHAVSPR[Harg]



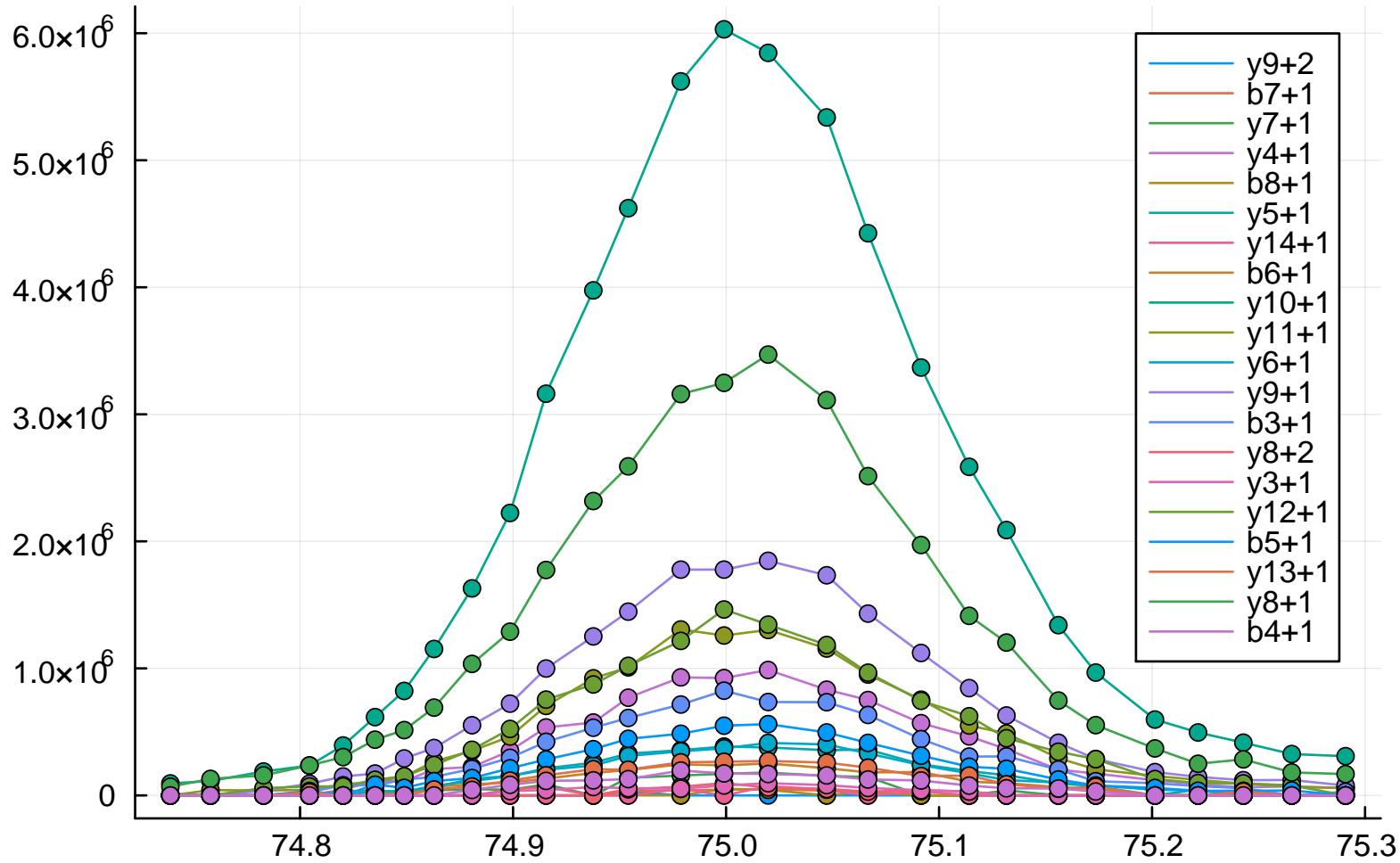
CCNE1- DSLDLLDK[H]lys



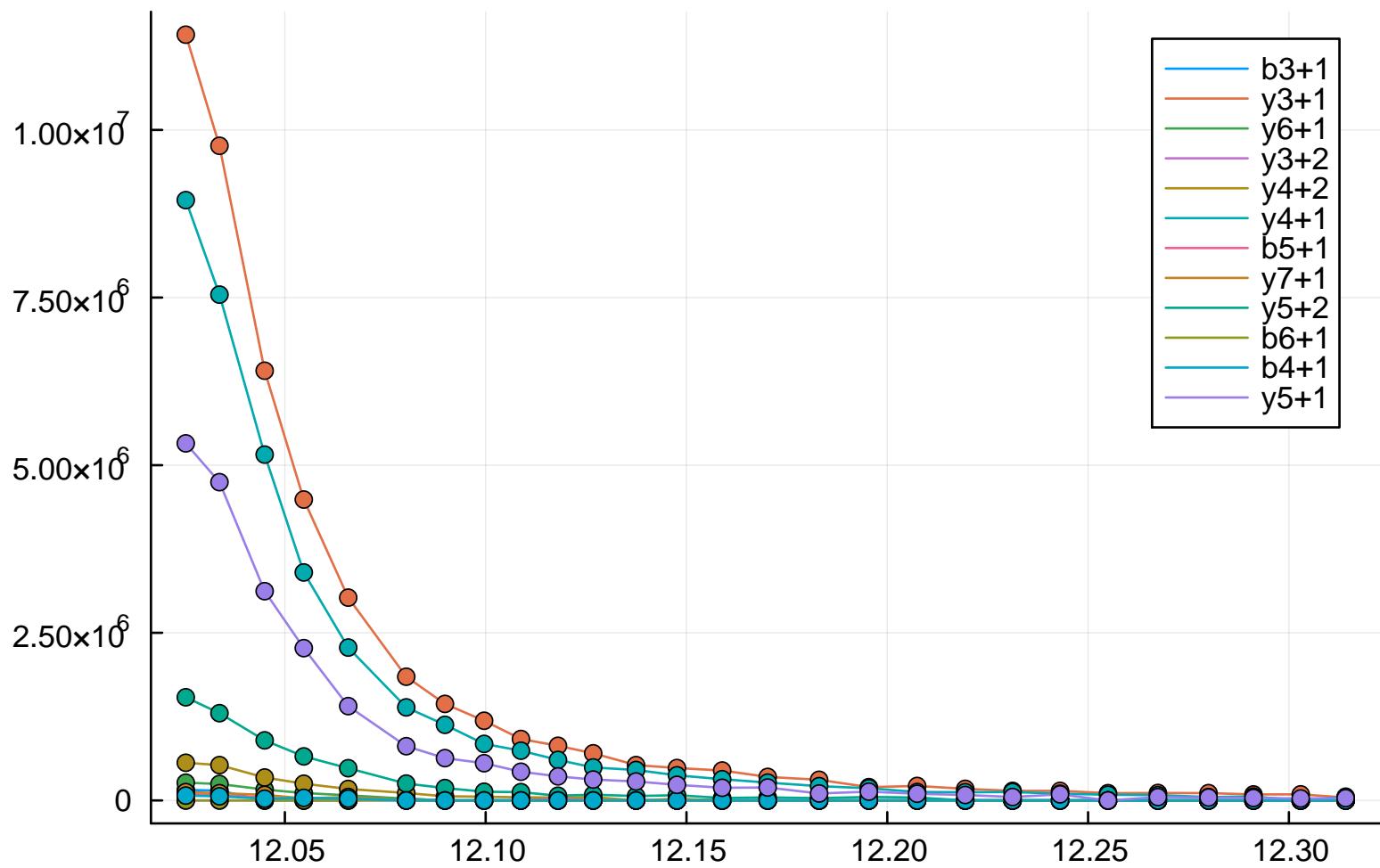
CCNE2- NLFINPSPLPDLSWGC[Carb]SK[Hlys]



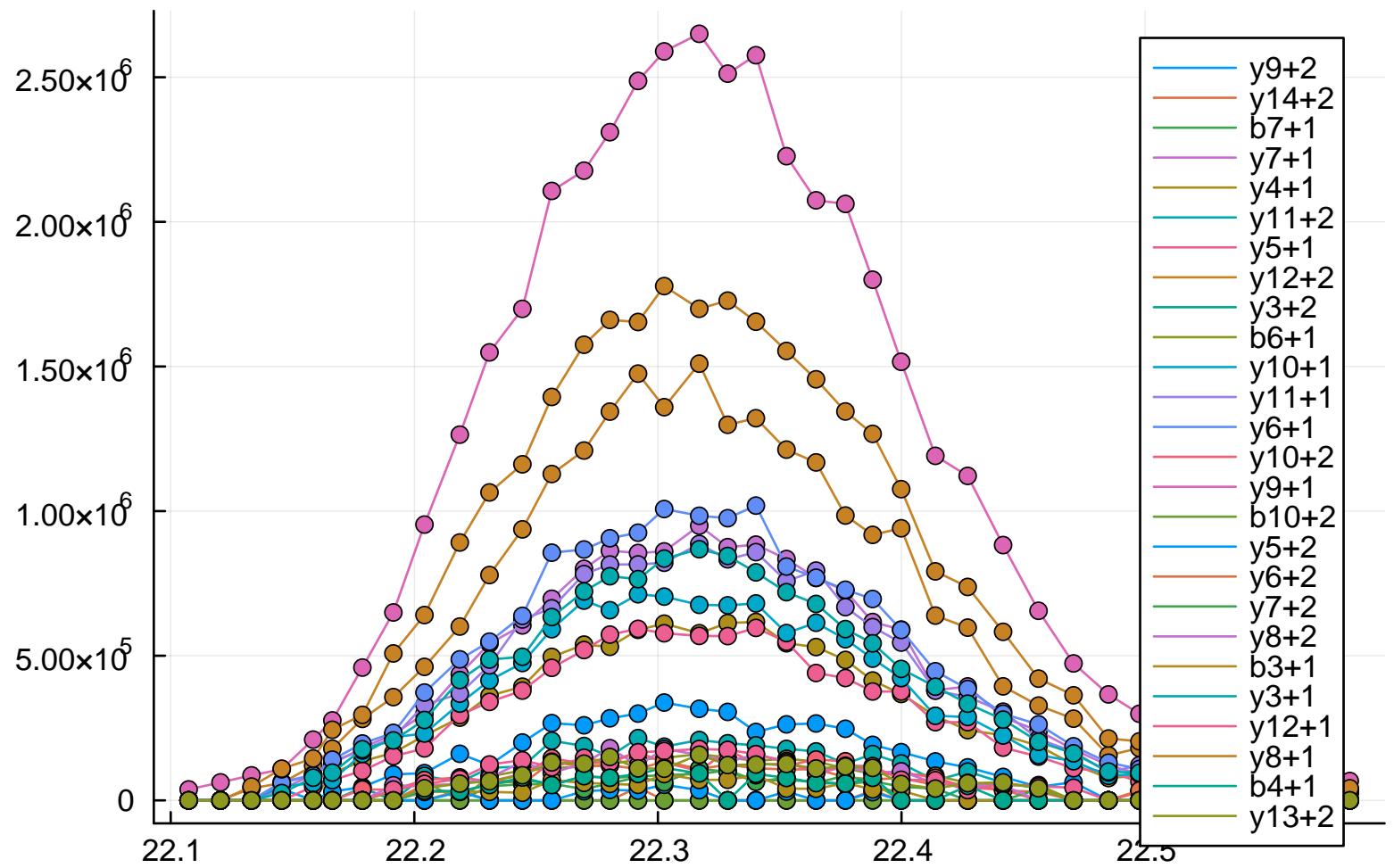
CCNH- VDEFNVSSPQFVGTLR[Harg]



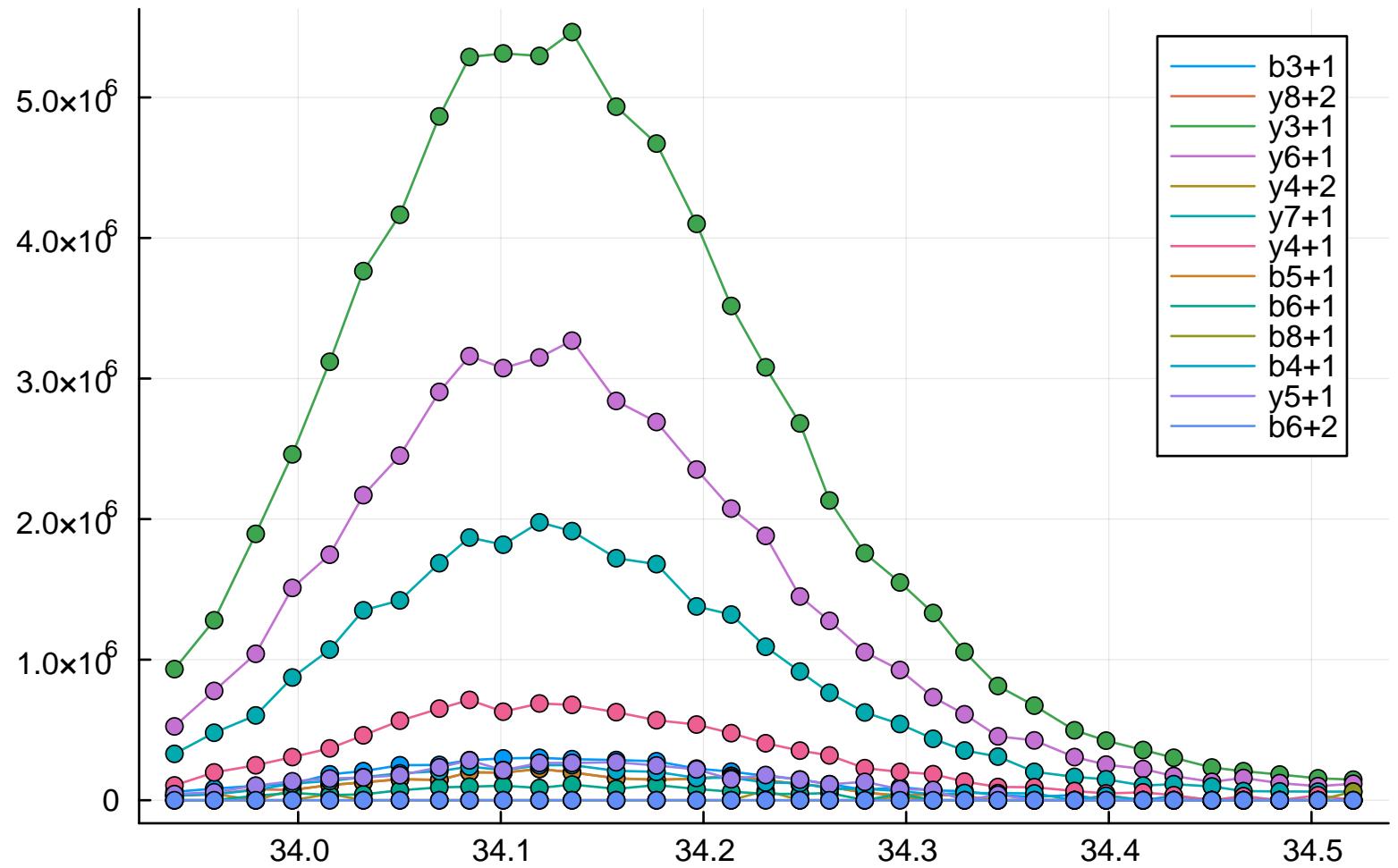
CCNK- AAEPPPK[Hlys]



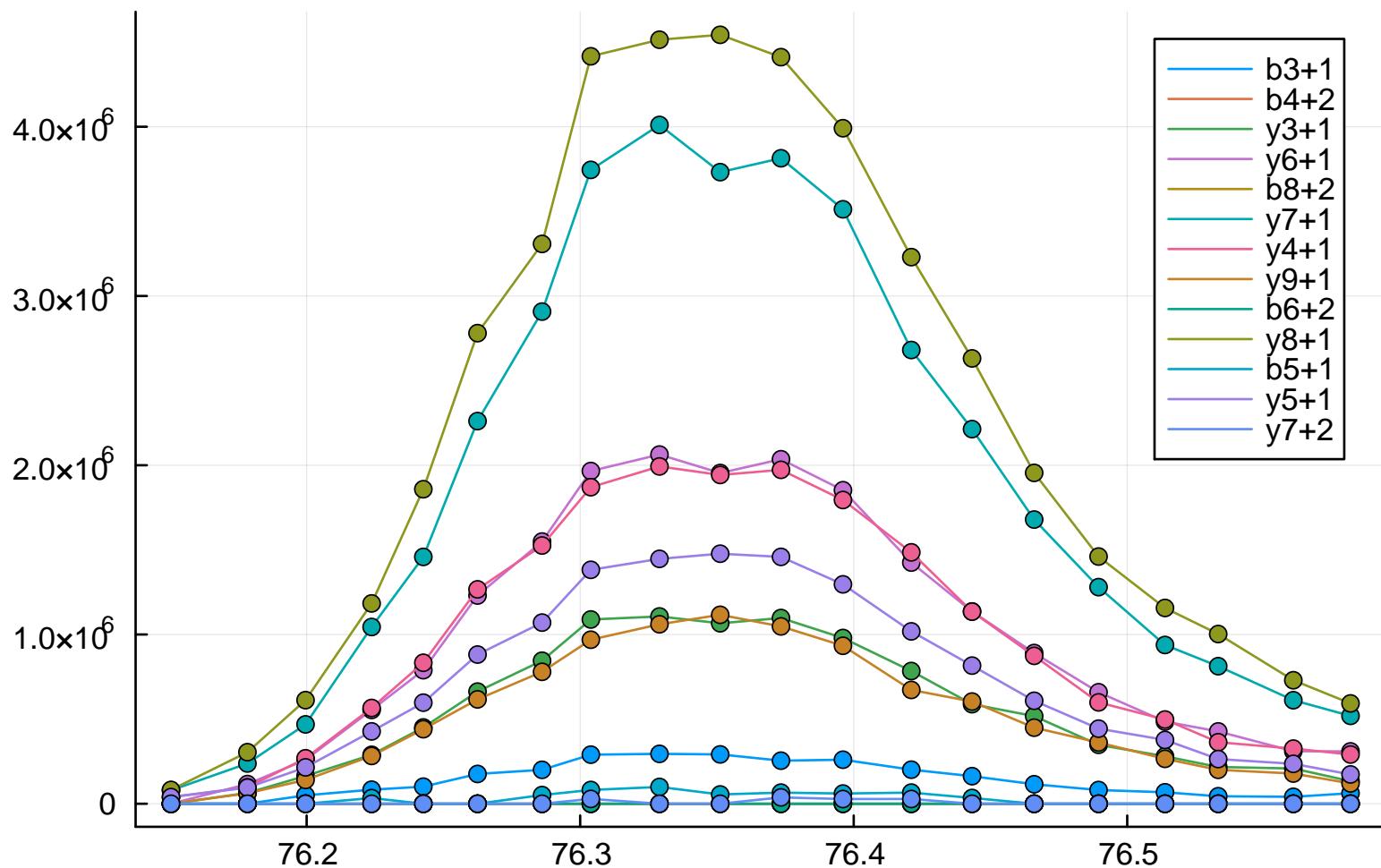
CCNK- ENSSPSVTSANLDHTK[Hlys]



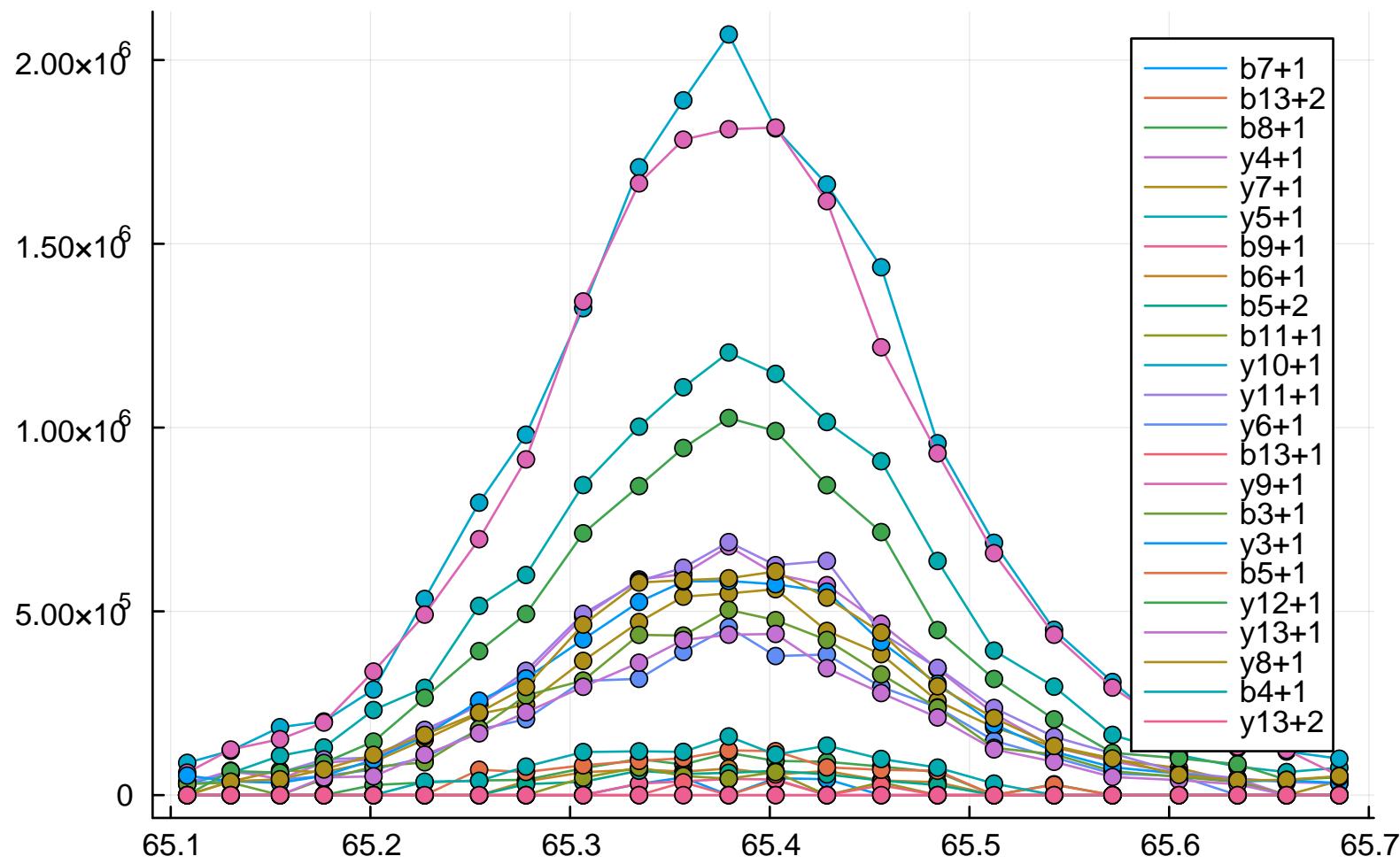
CDC42BPA- GPLGIDPQK[Hlys]



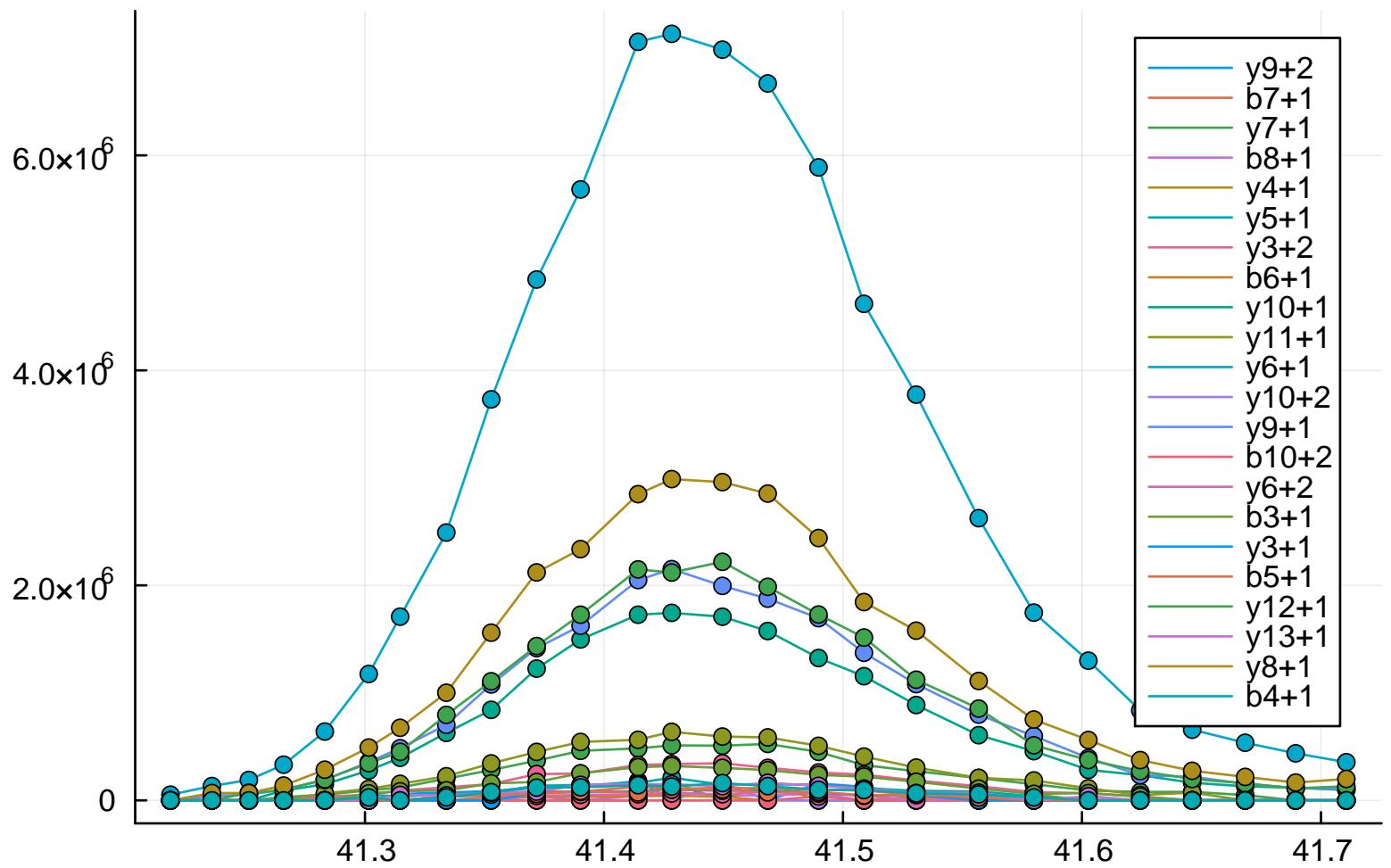
CDC42BPA- LFLYDIAEGK[Hlys]



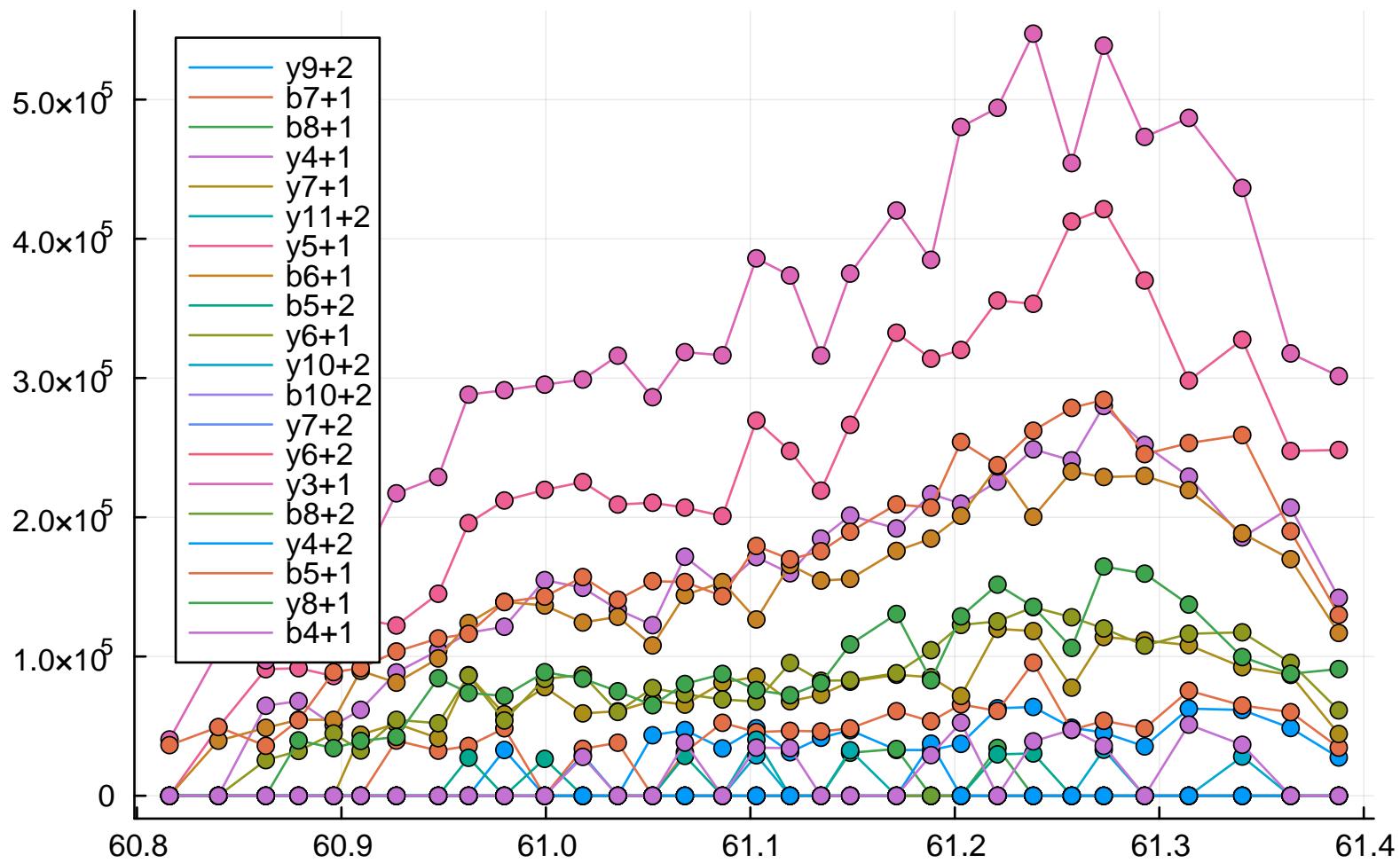
CDC42BPB- ELEAQLDDAVAEASK[Hlys]



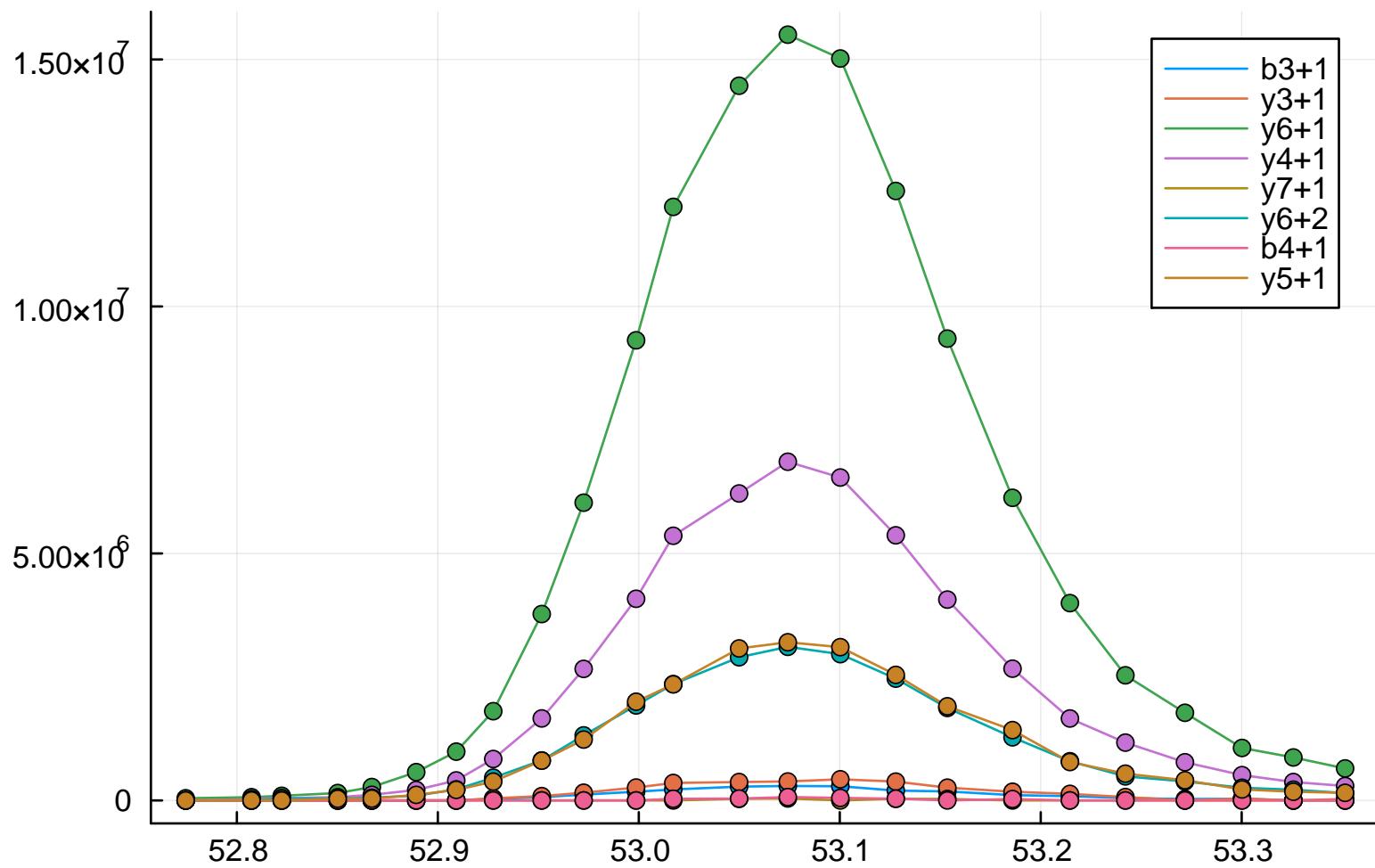
CDK1- LESEEEGVPSTAIR[Harg]



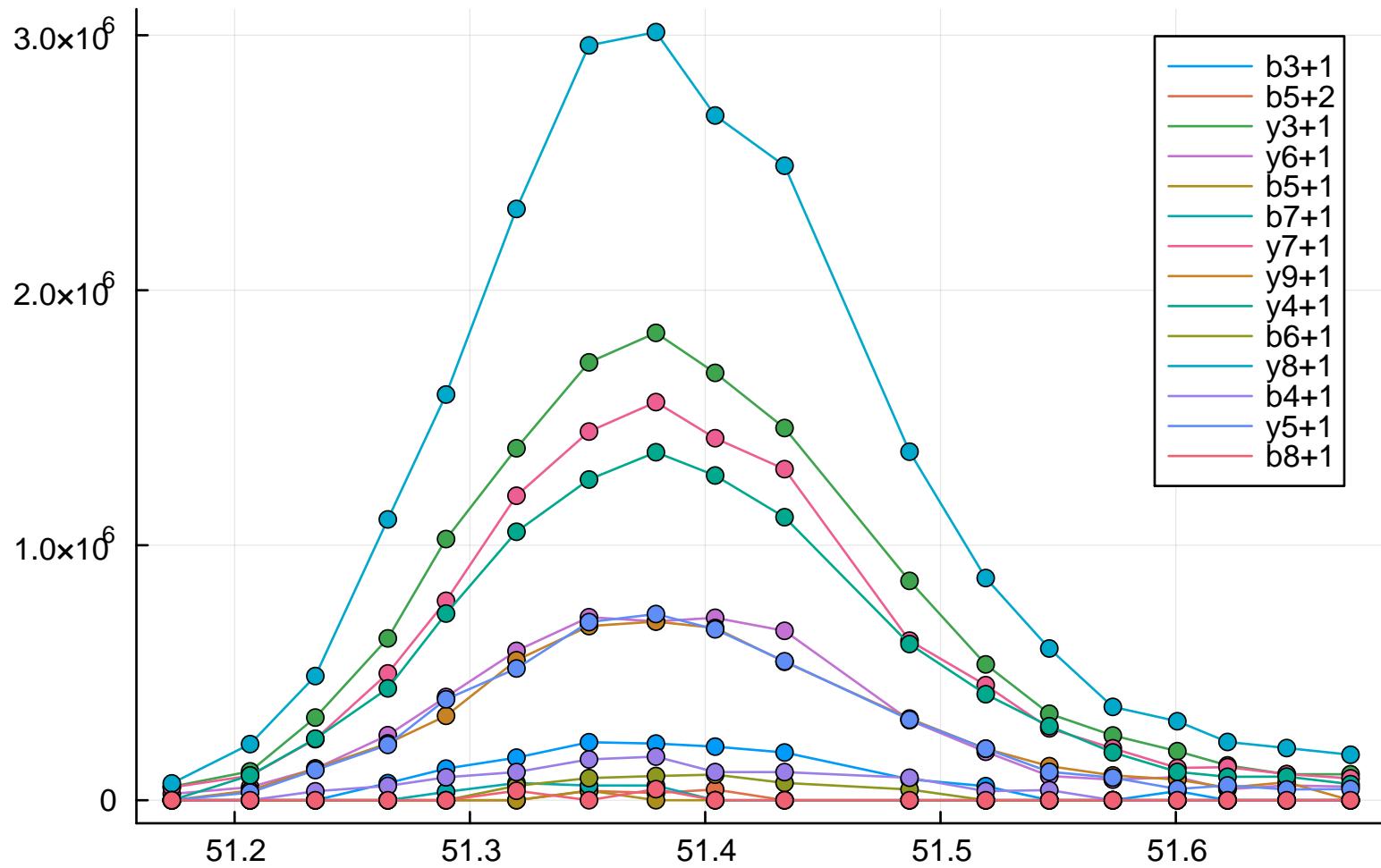
CDK1- VYTHEVVTLWYR[Harg]



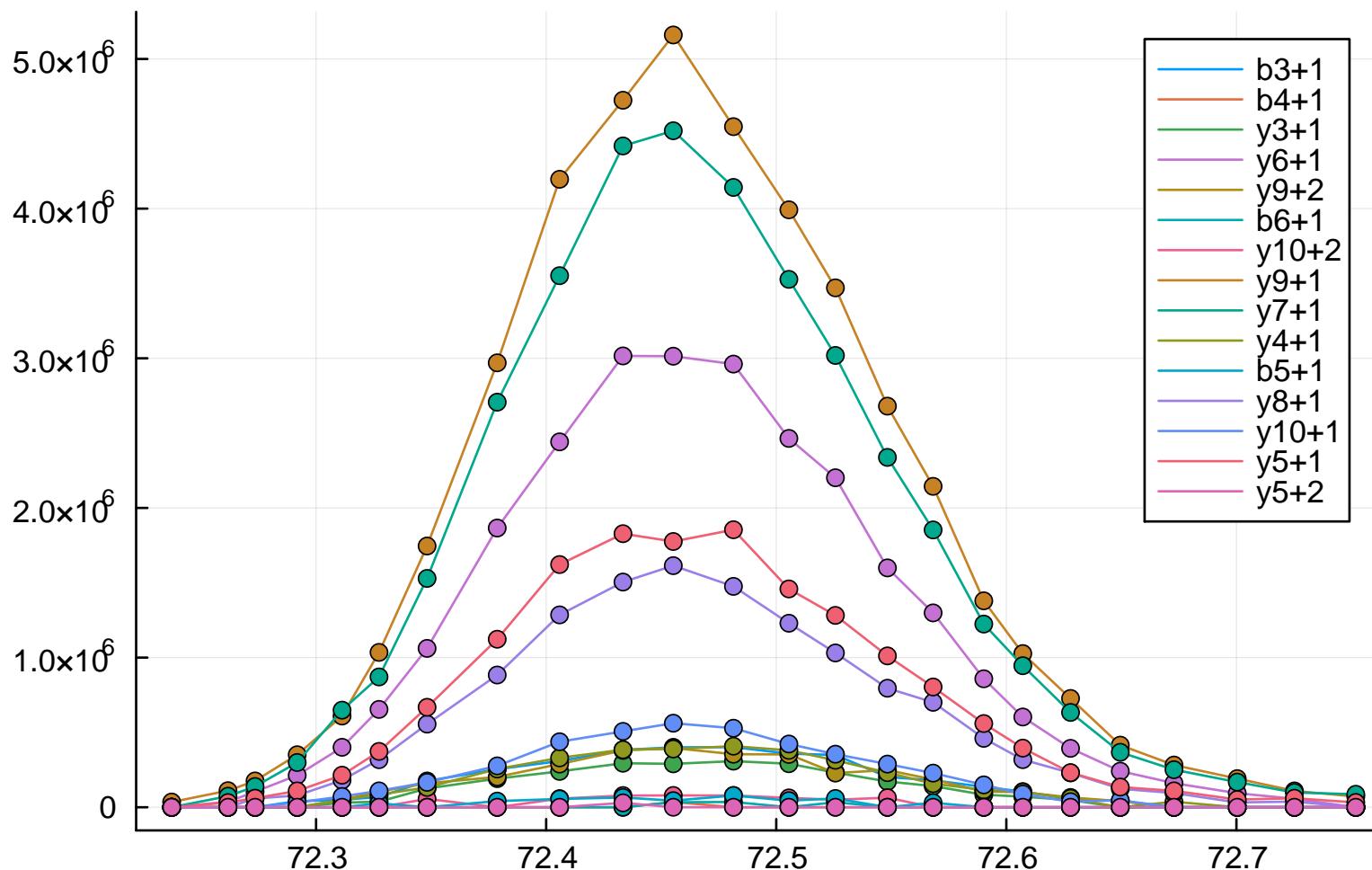
CDK10- DGIPPISSLR[Harg]



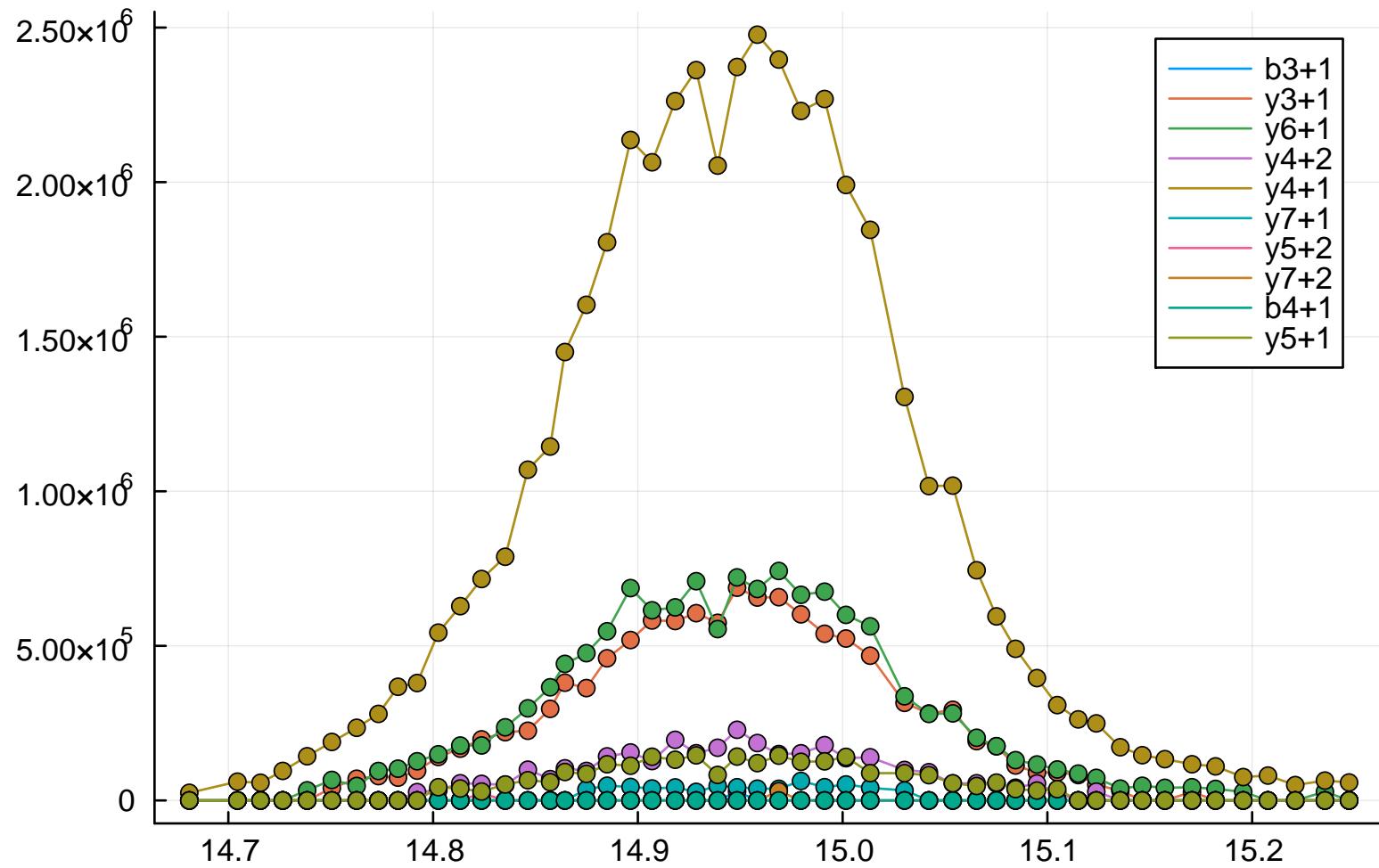
CDK10- DTQTDEIVALK[Hlys]



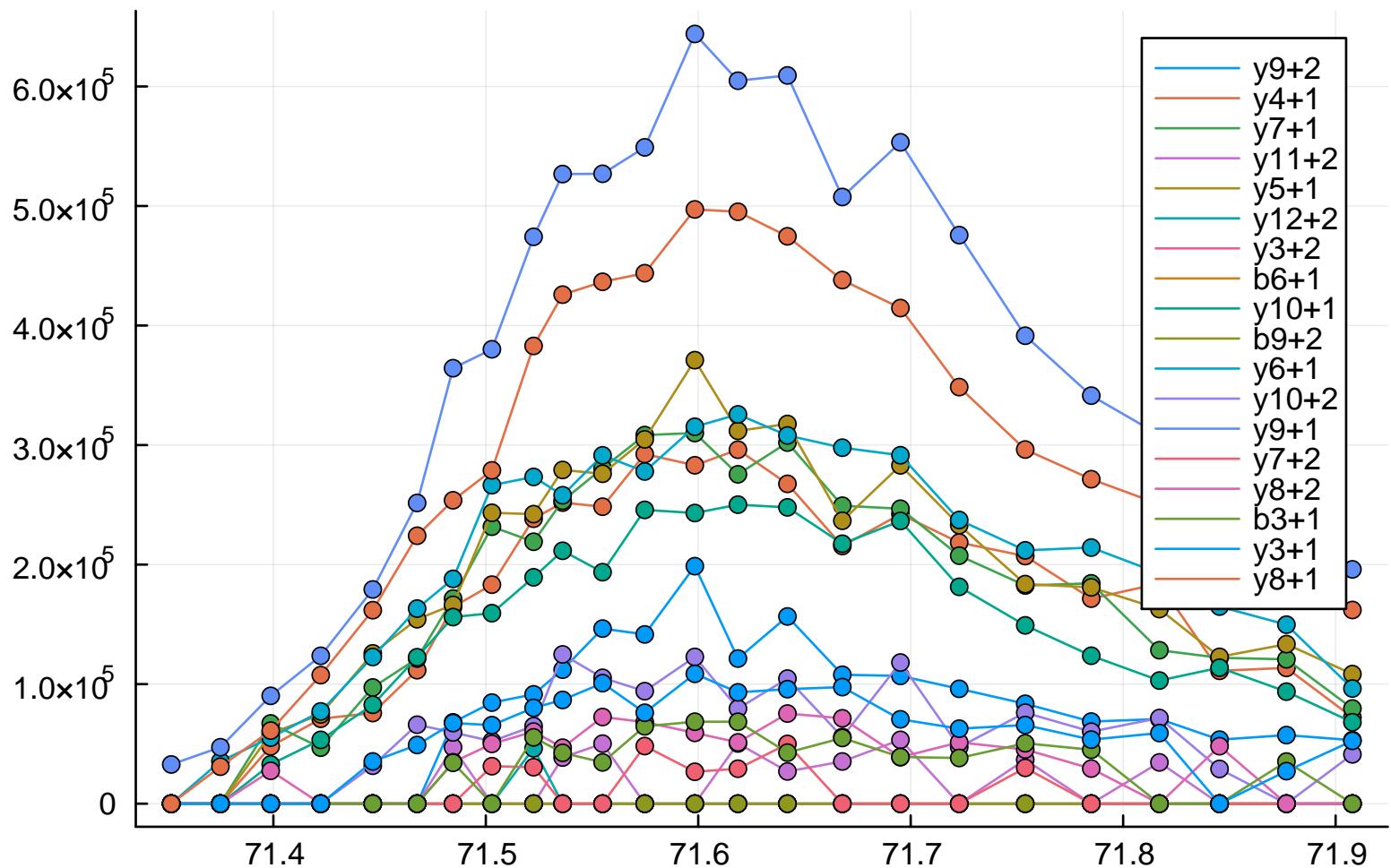
CDK11A- AYTPV^VVTQWYR[Harg]



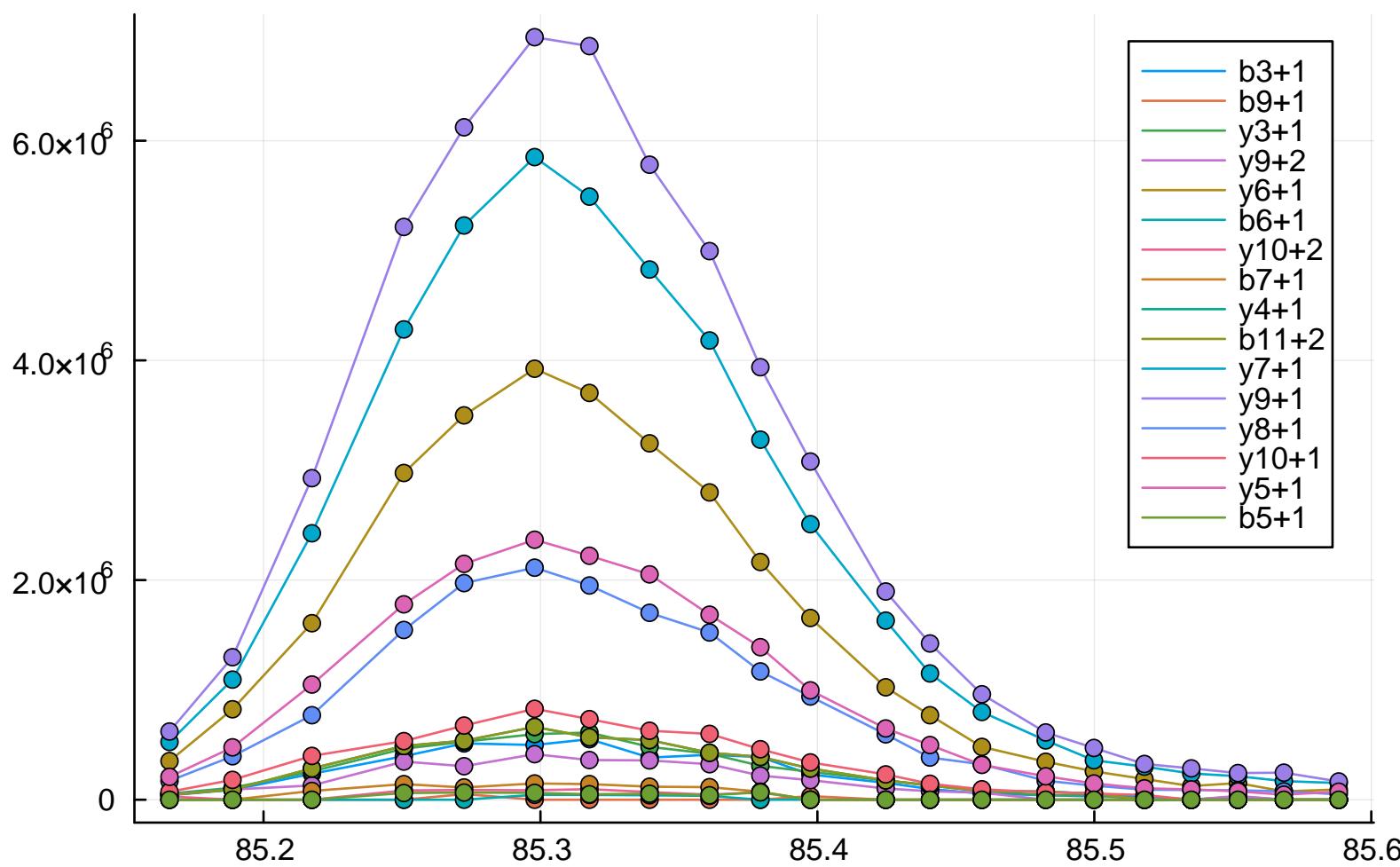
CDK11A- ELGTPSEK[Hlys]



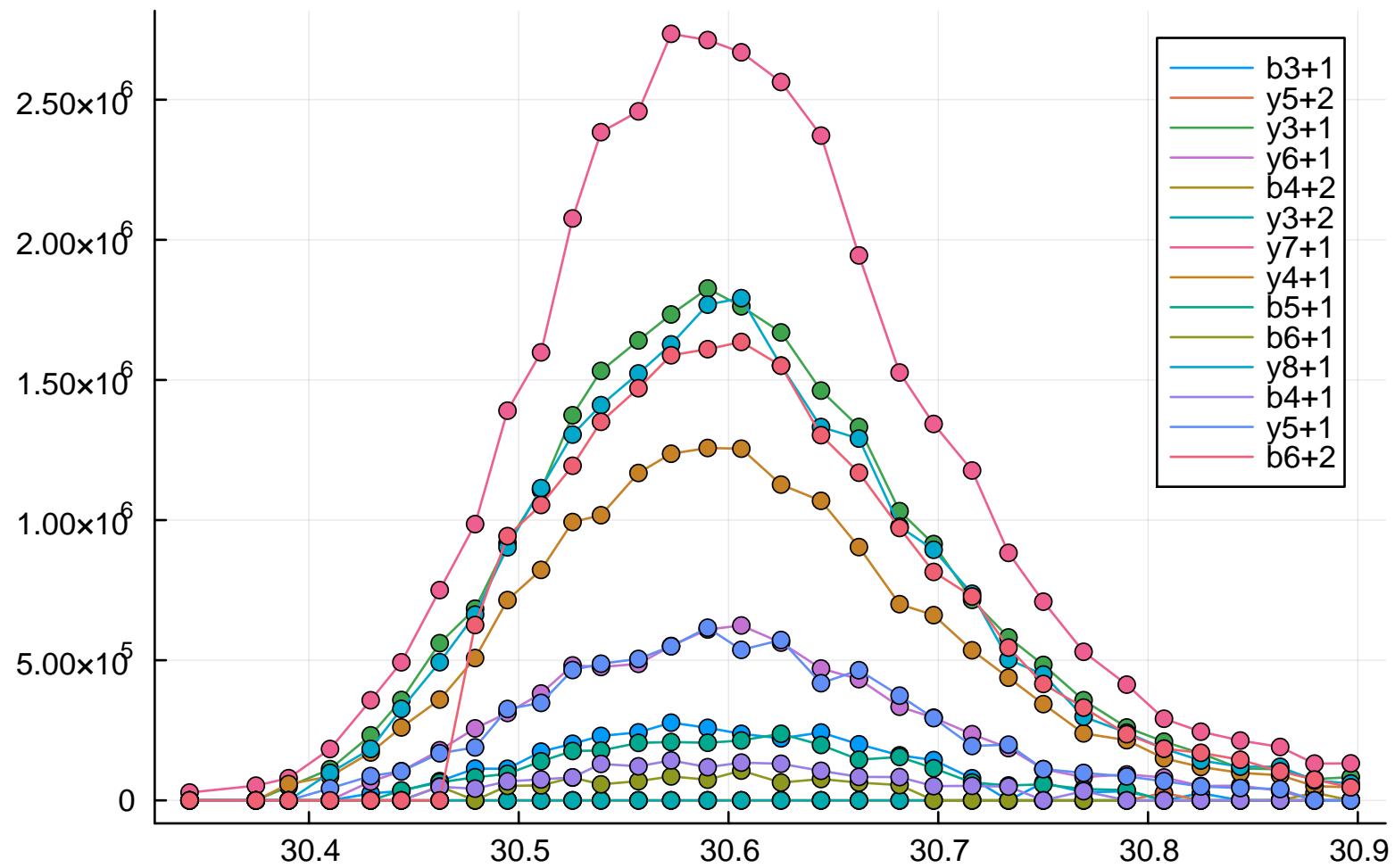
CDK11A- IYIVMNYVEHDLK[Hlys]



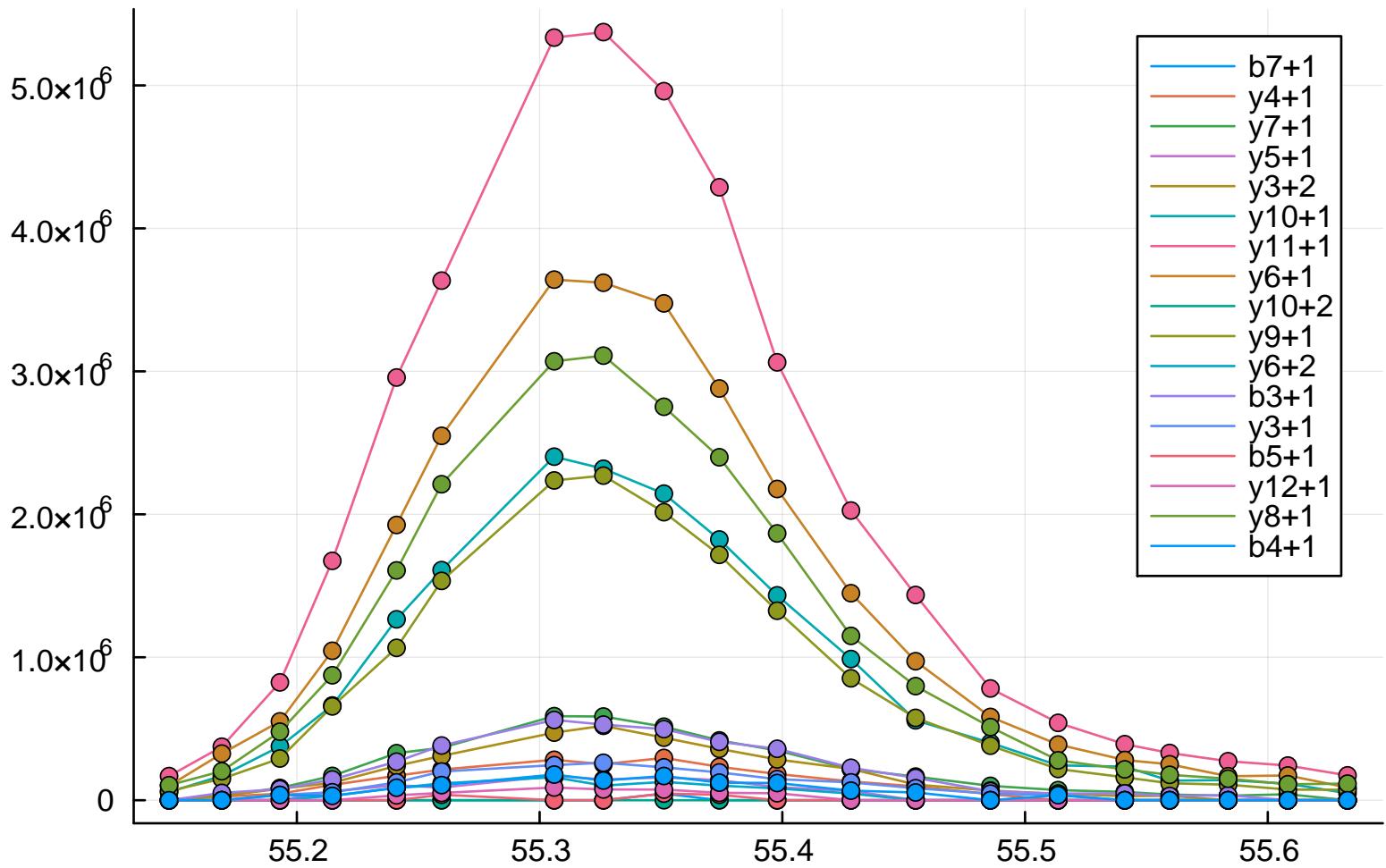
CDK11B- AYTPVVVTLWYR[Harg]



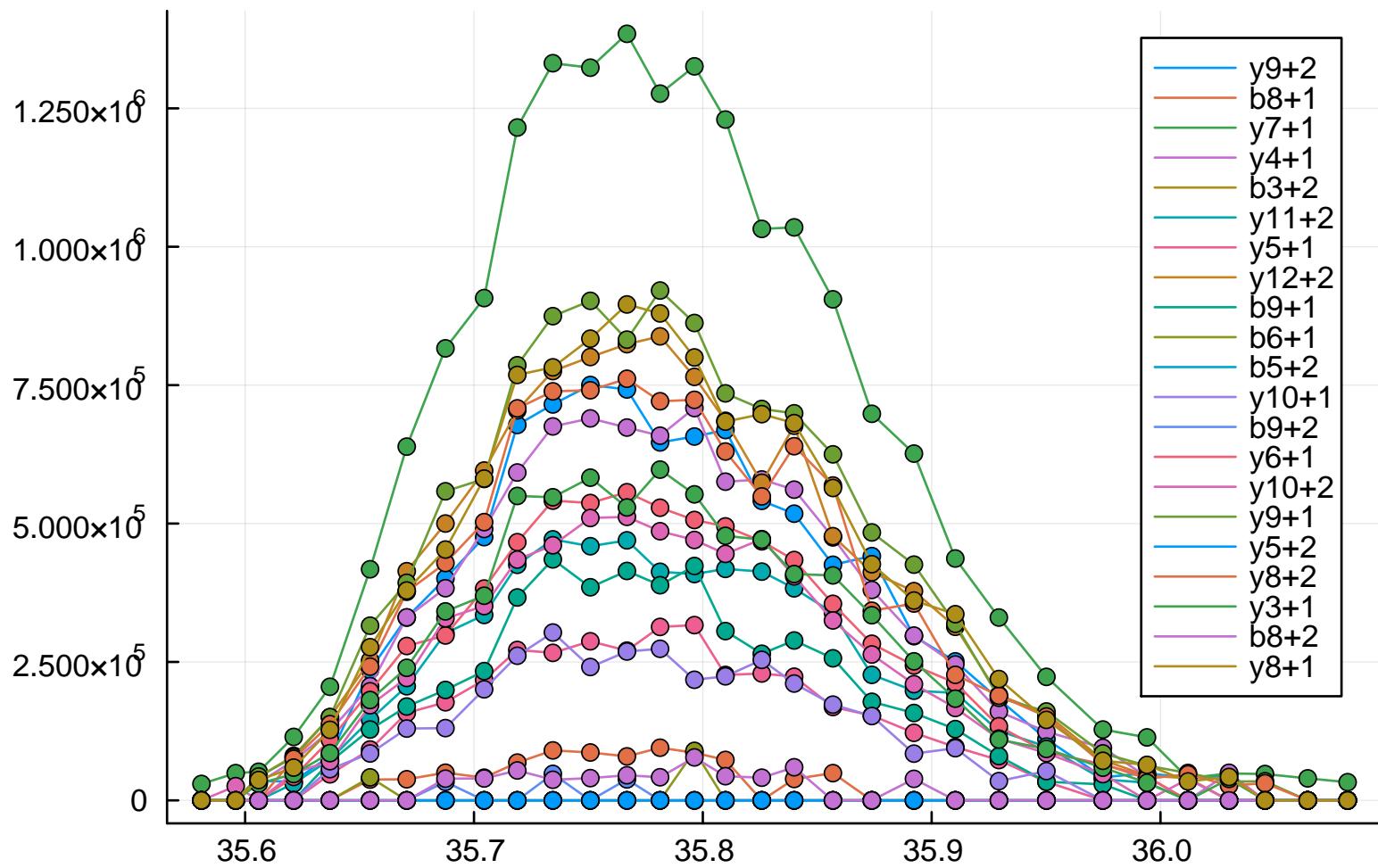
CDK13- VENN LIVDK[Hlys]



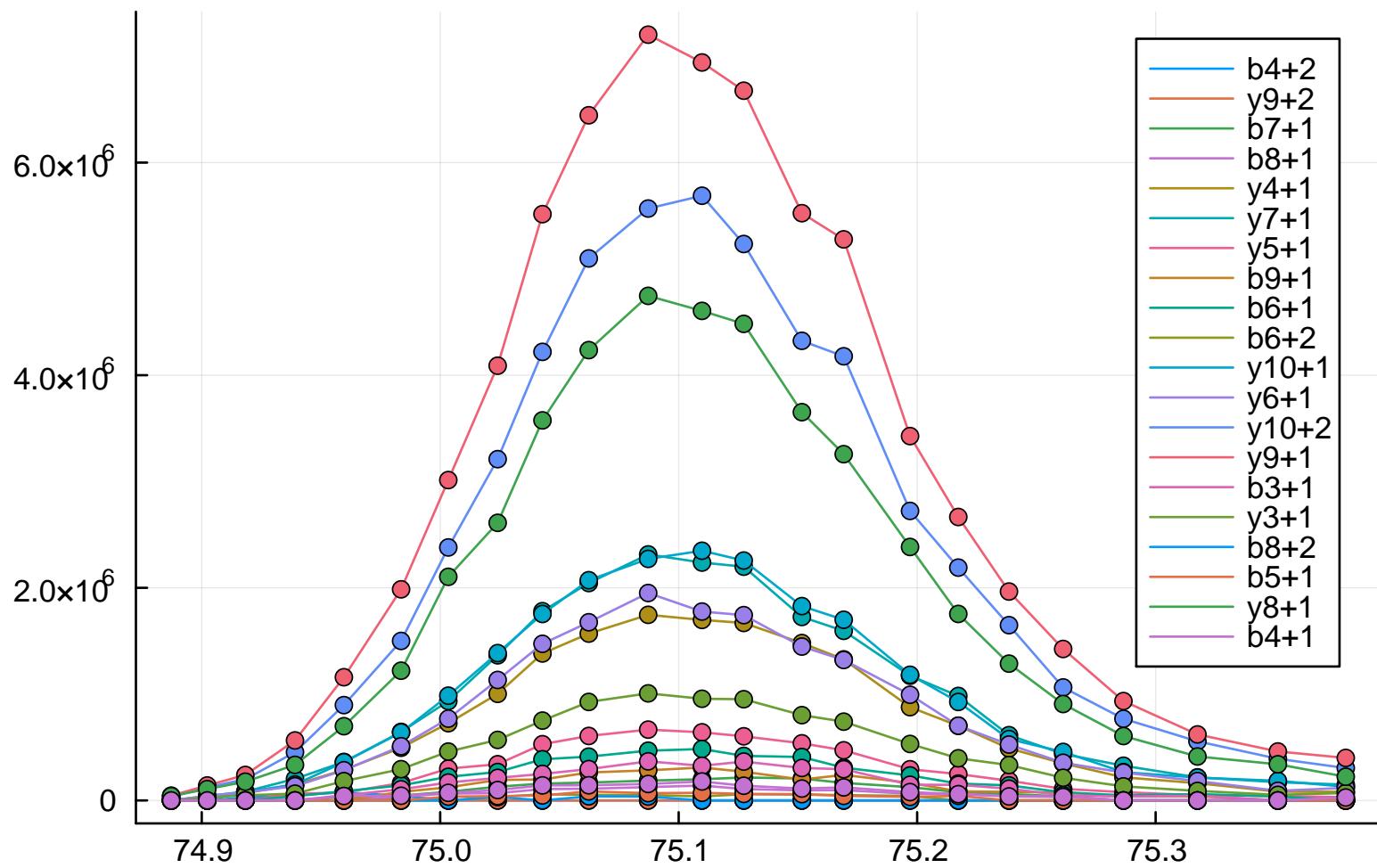
CDK14- LQEEEGTPFTAIR[Harg]



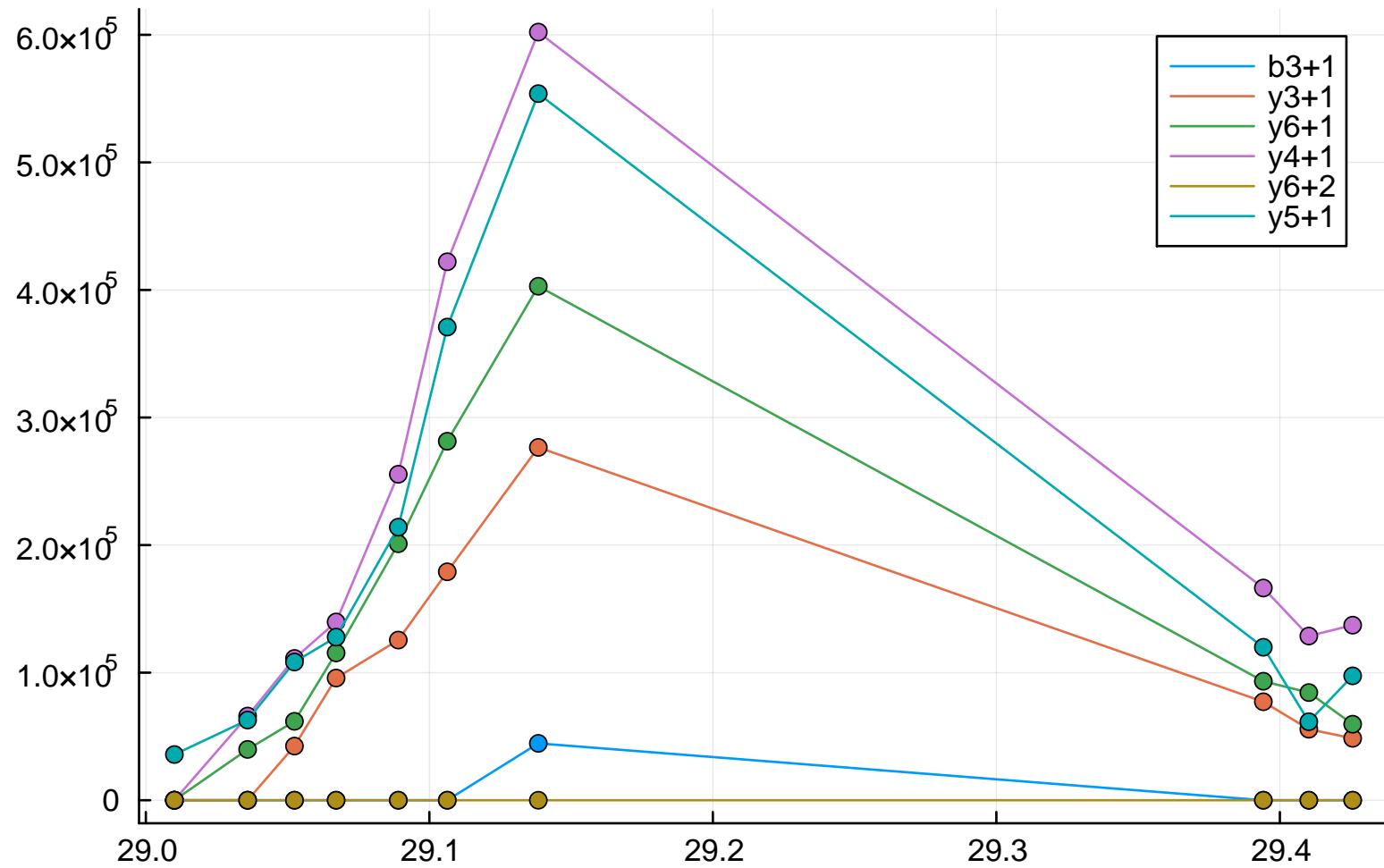
CDK14- LSYVNHAEDLASK[H]lys



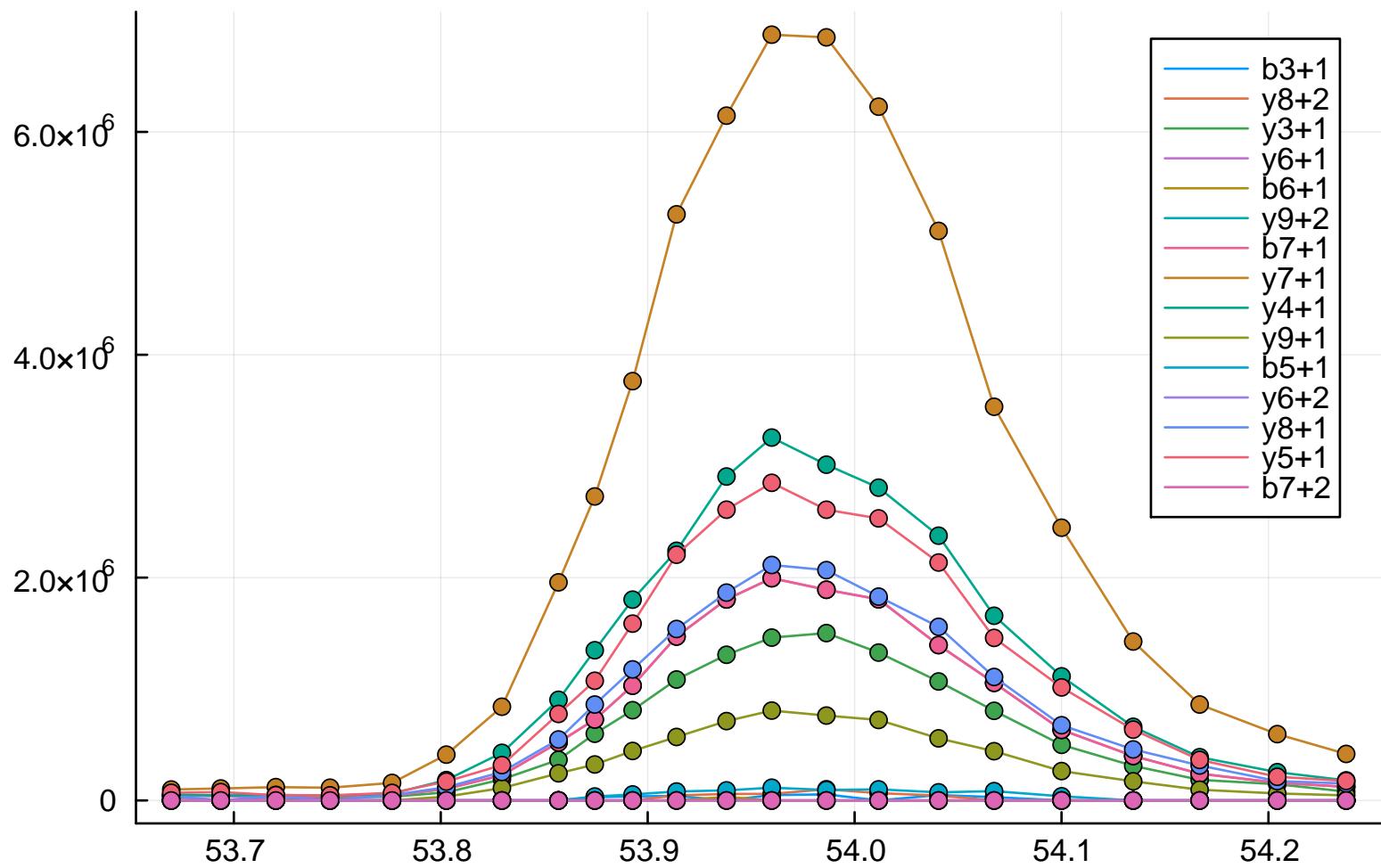
CDK16- LPDTTSIFALK[Hlys]



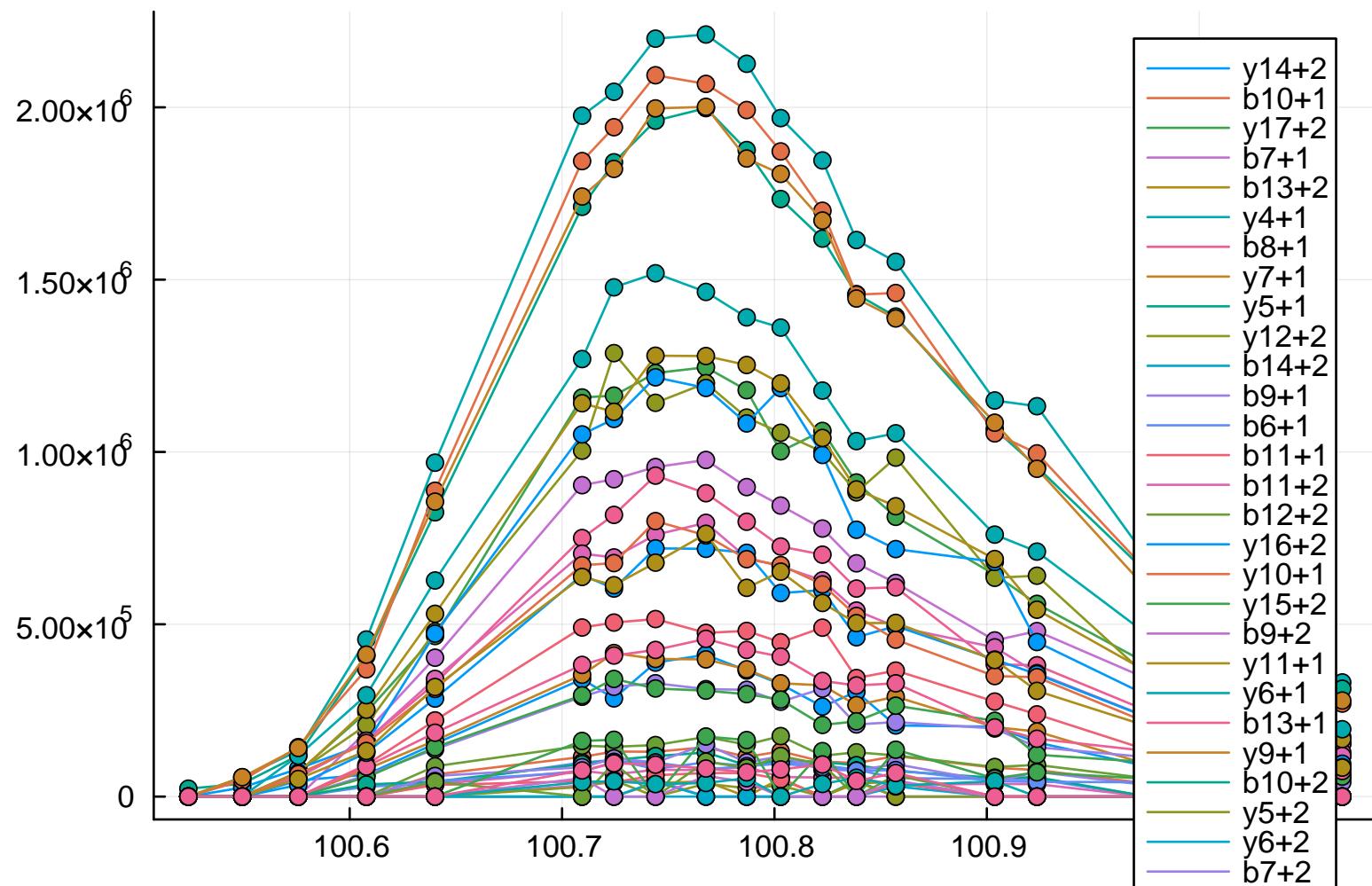
CDK17- FLQYESK[Hlys]



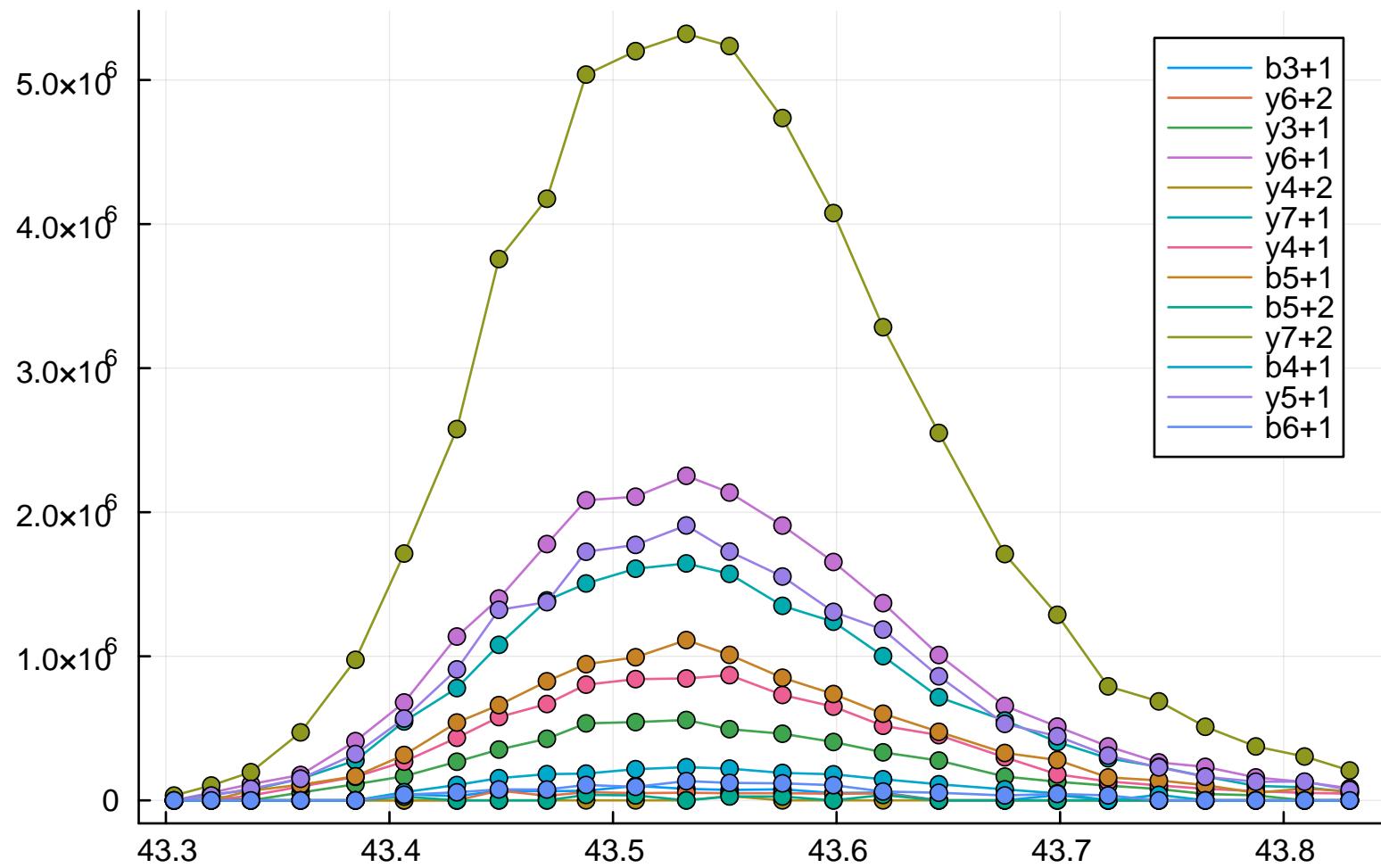
CDK18- ASLSDIGFGK[Hlys]



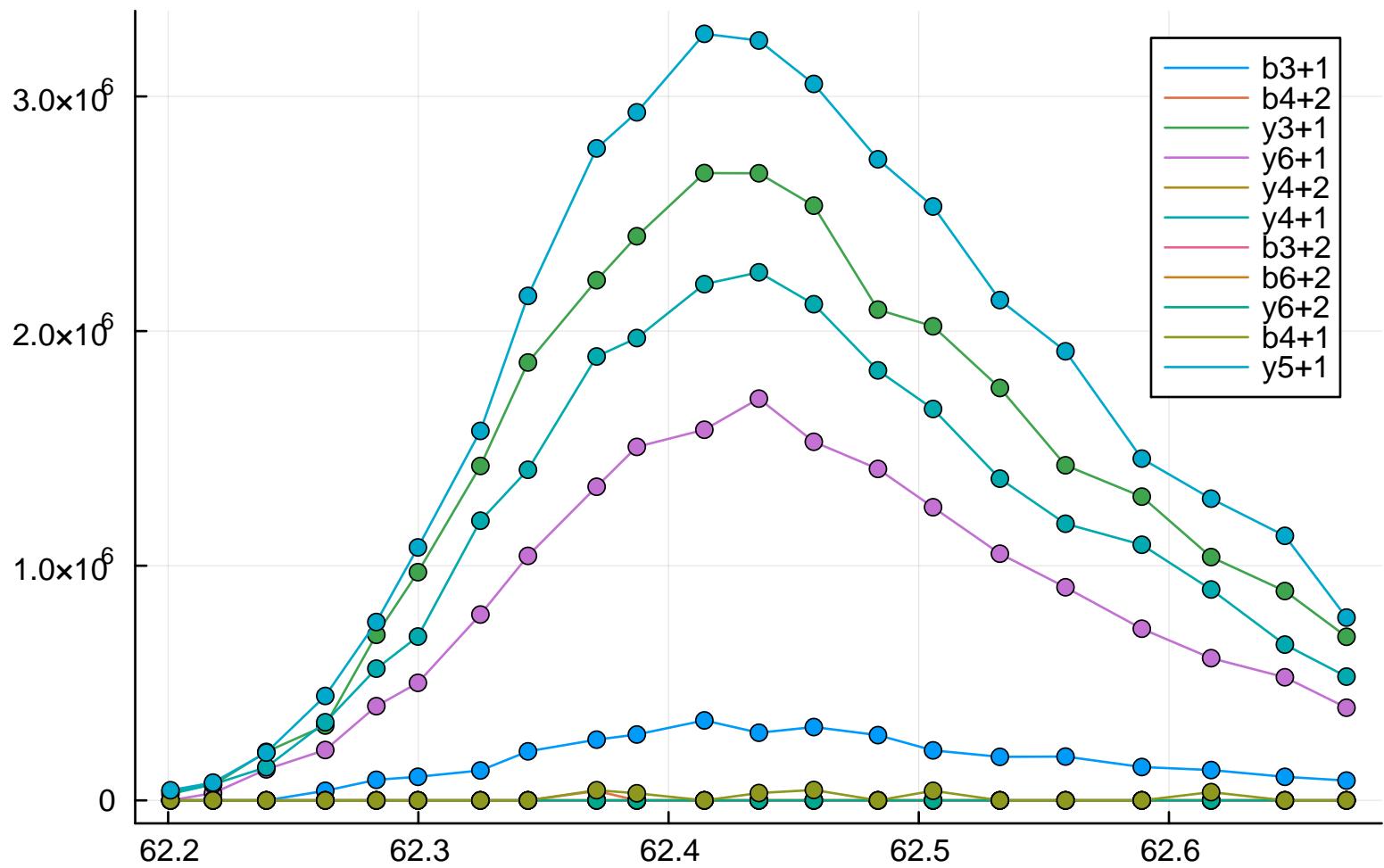
CDK18- LDTDGIHLLSSLLLYESK[Hlys]



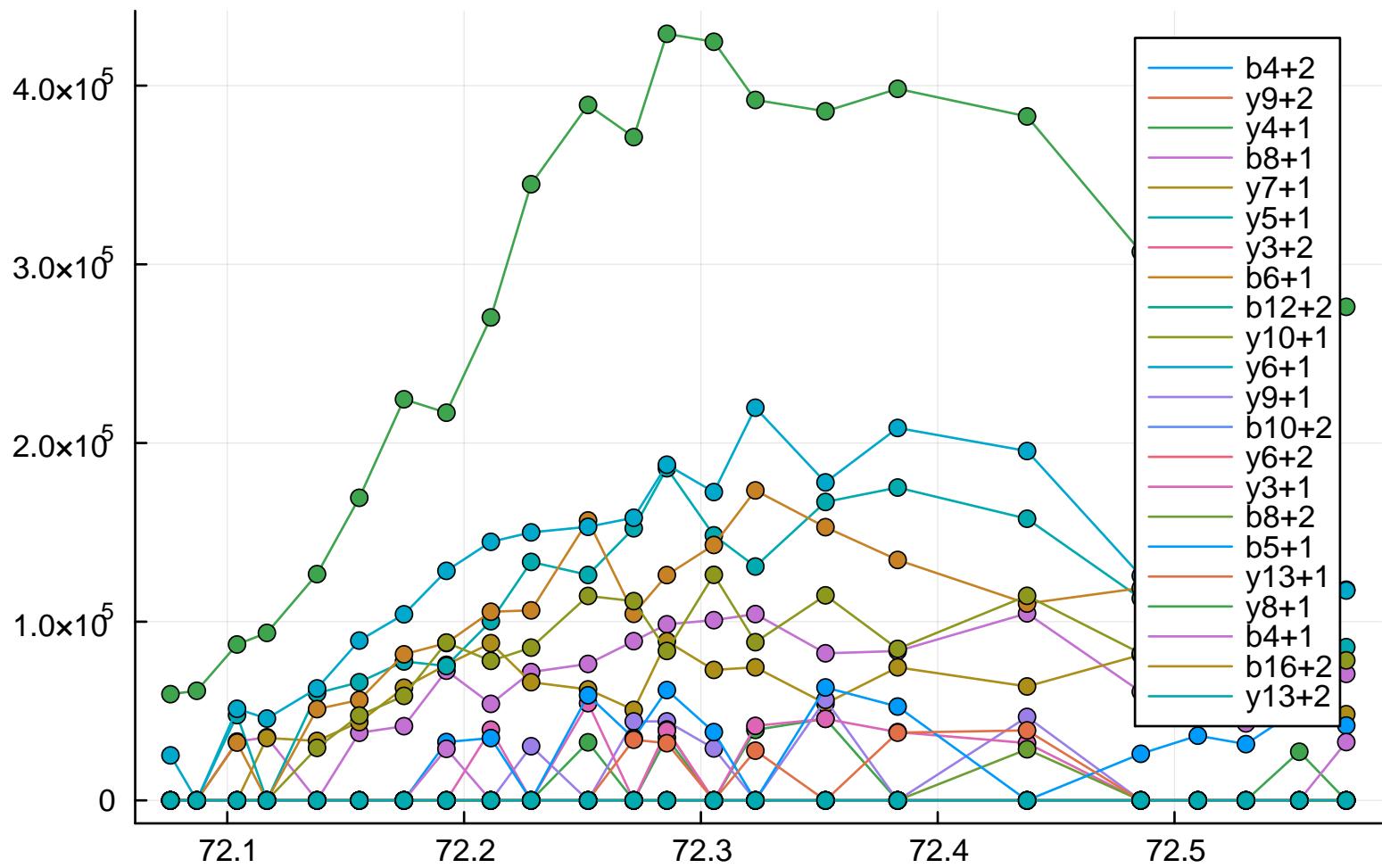
CDK18- LPQEFLQK[H]lys



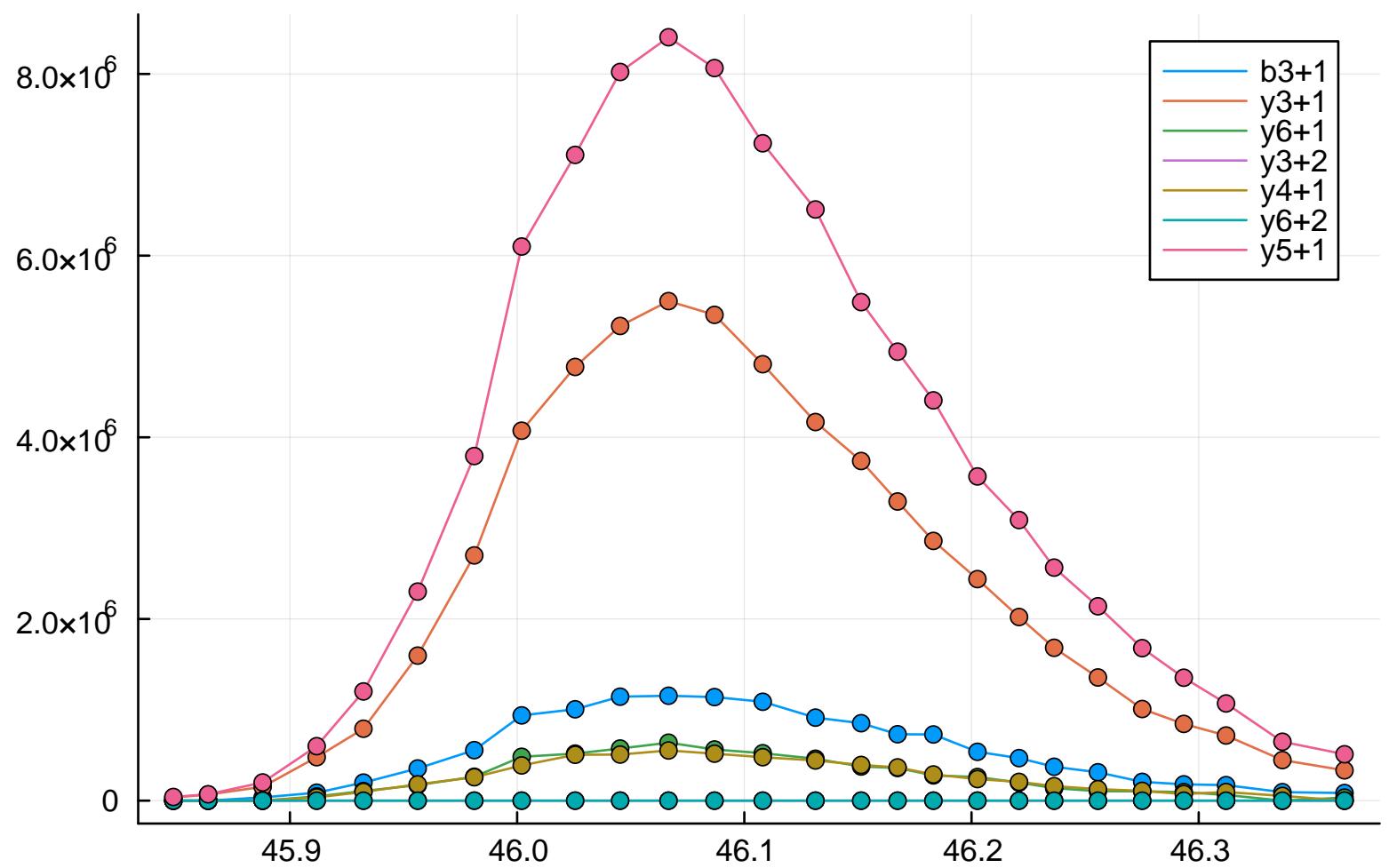
CDK19- VFLLLQK[Hlys]



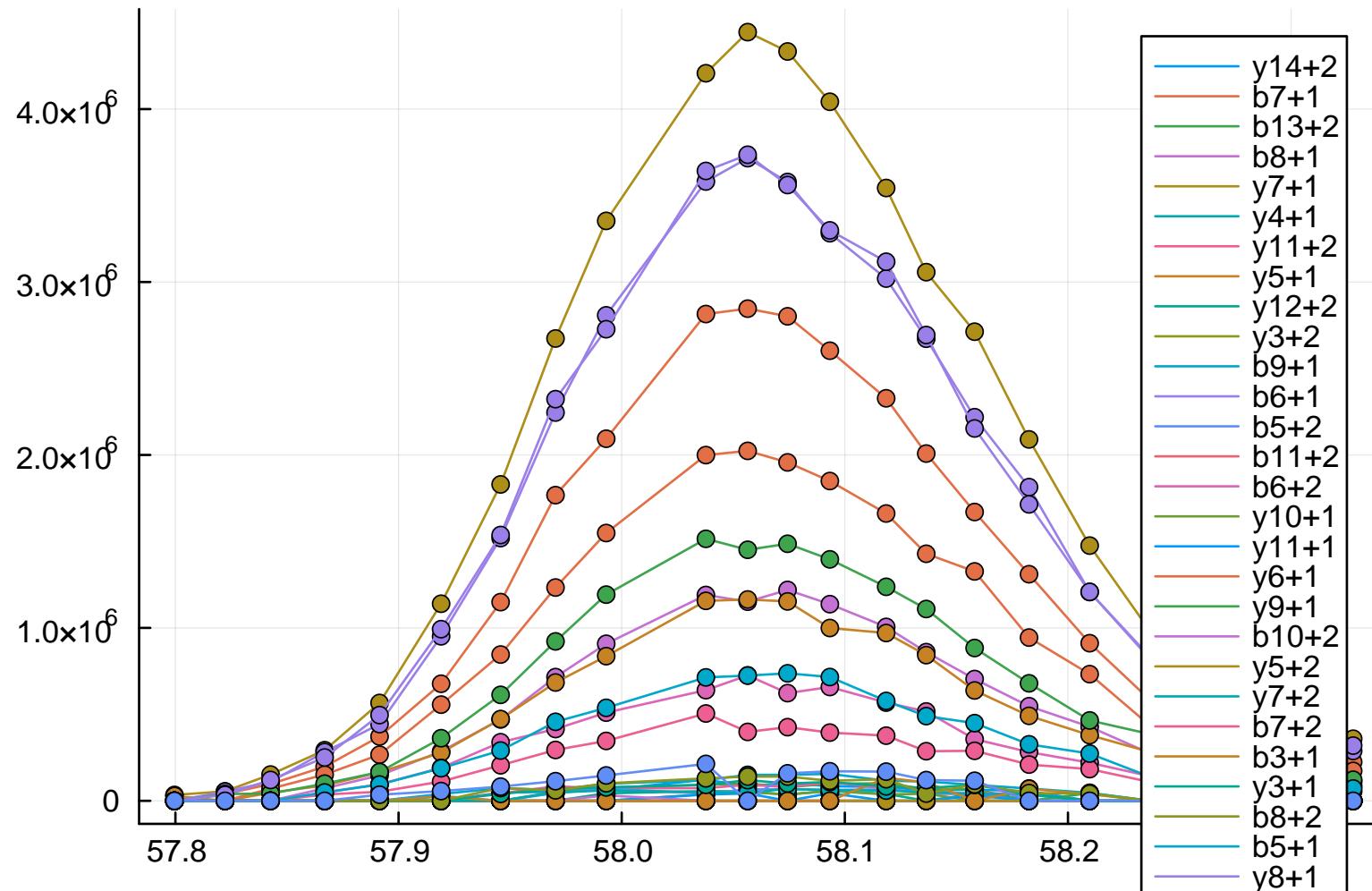
CDK4- YEPVAEIGVGAYGTVYK[H]lys



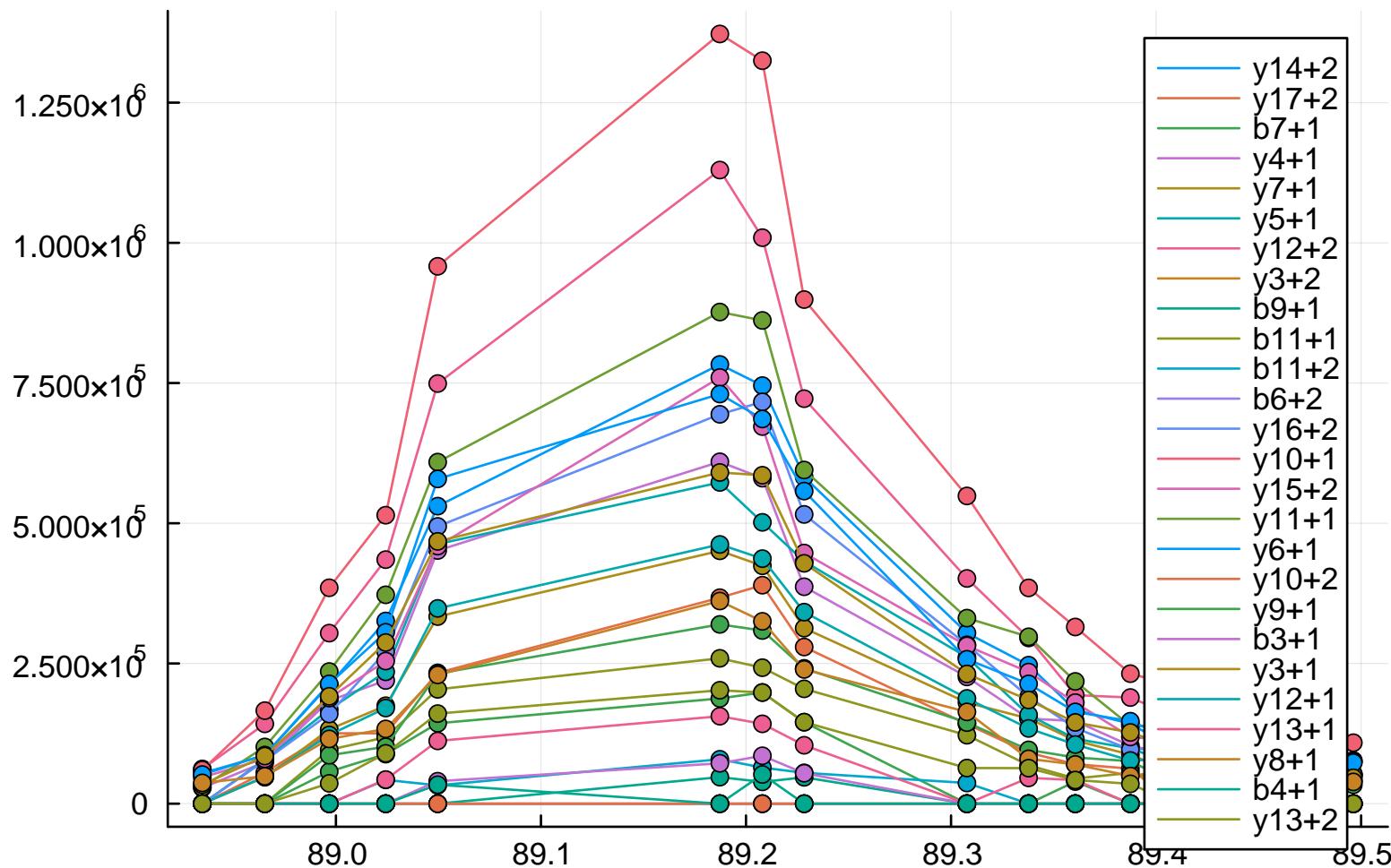
CDK5- AFGIPVR[Harg]



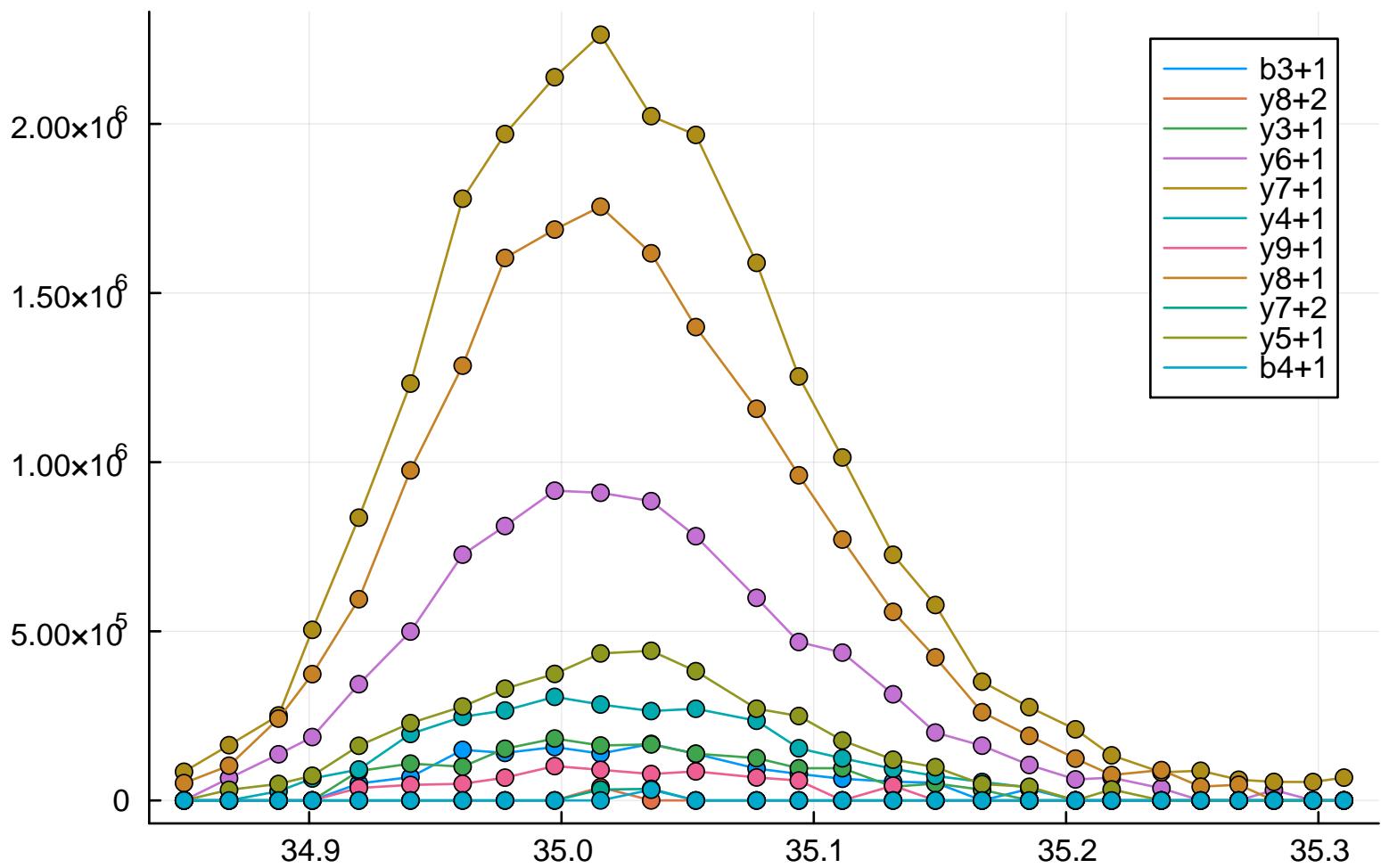
CDK6- DLKPQNILVTSSGQIK[Hys]



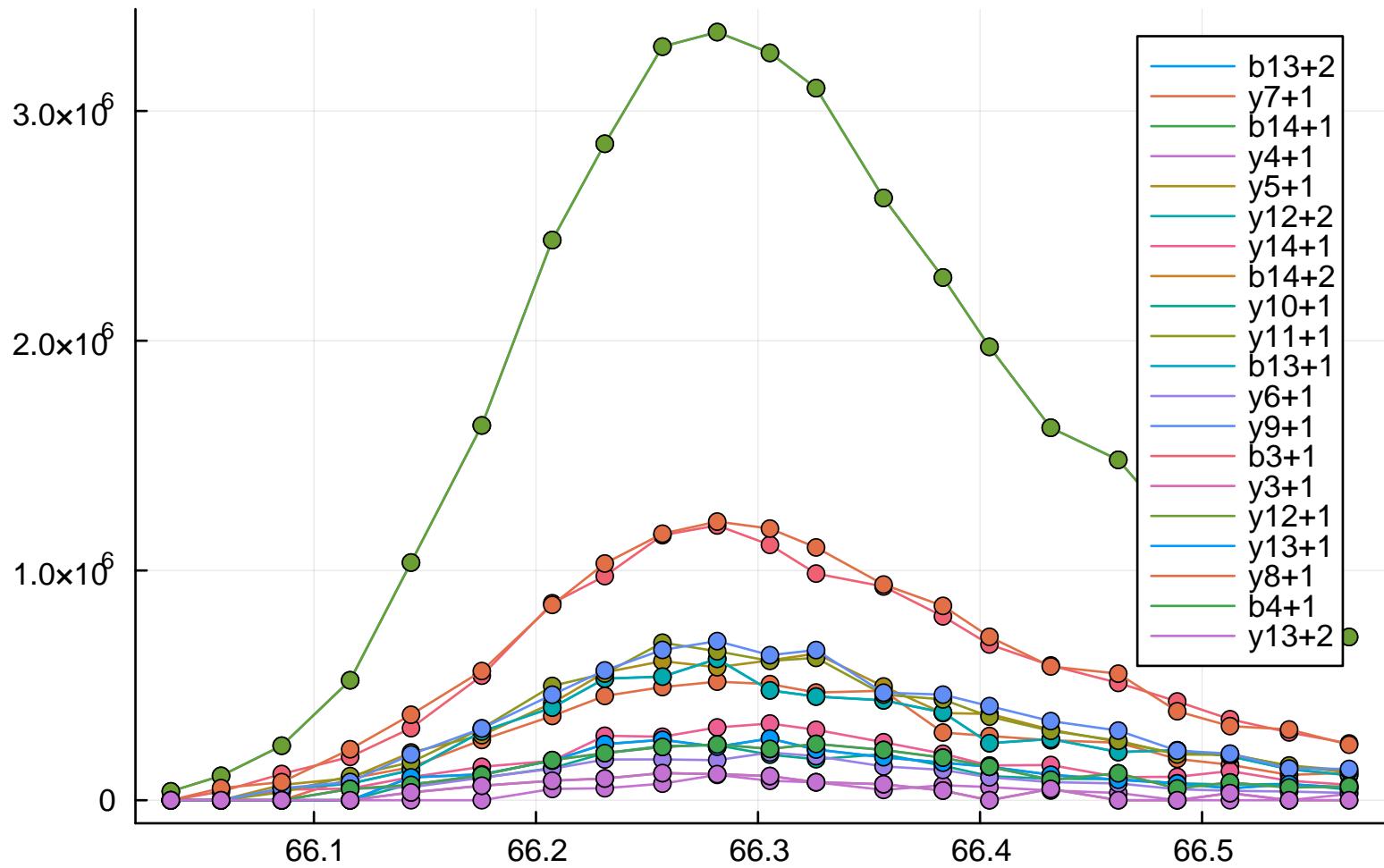
CDK6- LTLVFEHVDQDLTTYLDK[Hlys]



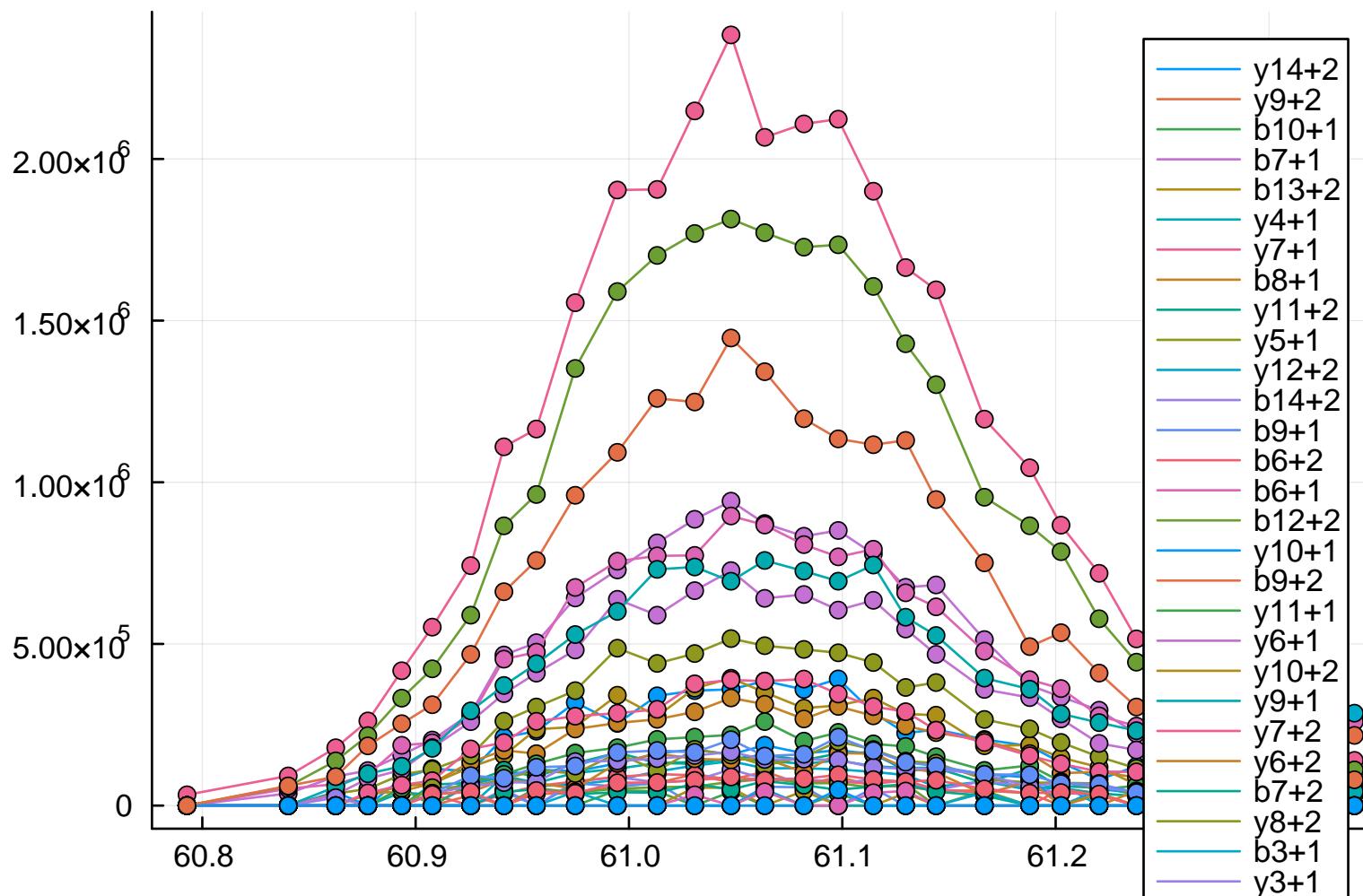
CDK8- NTYTNC[Carb]SLIK[Hlys]



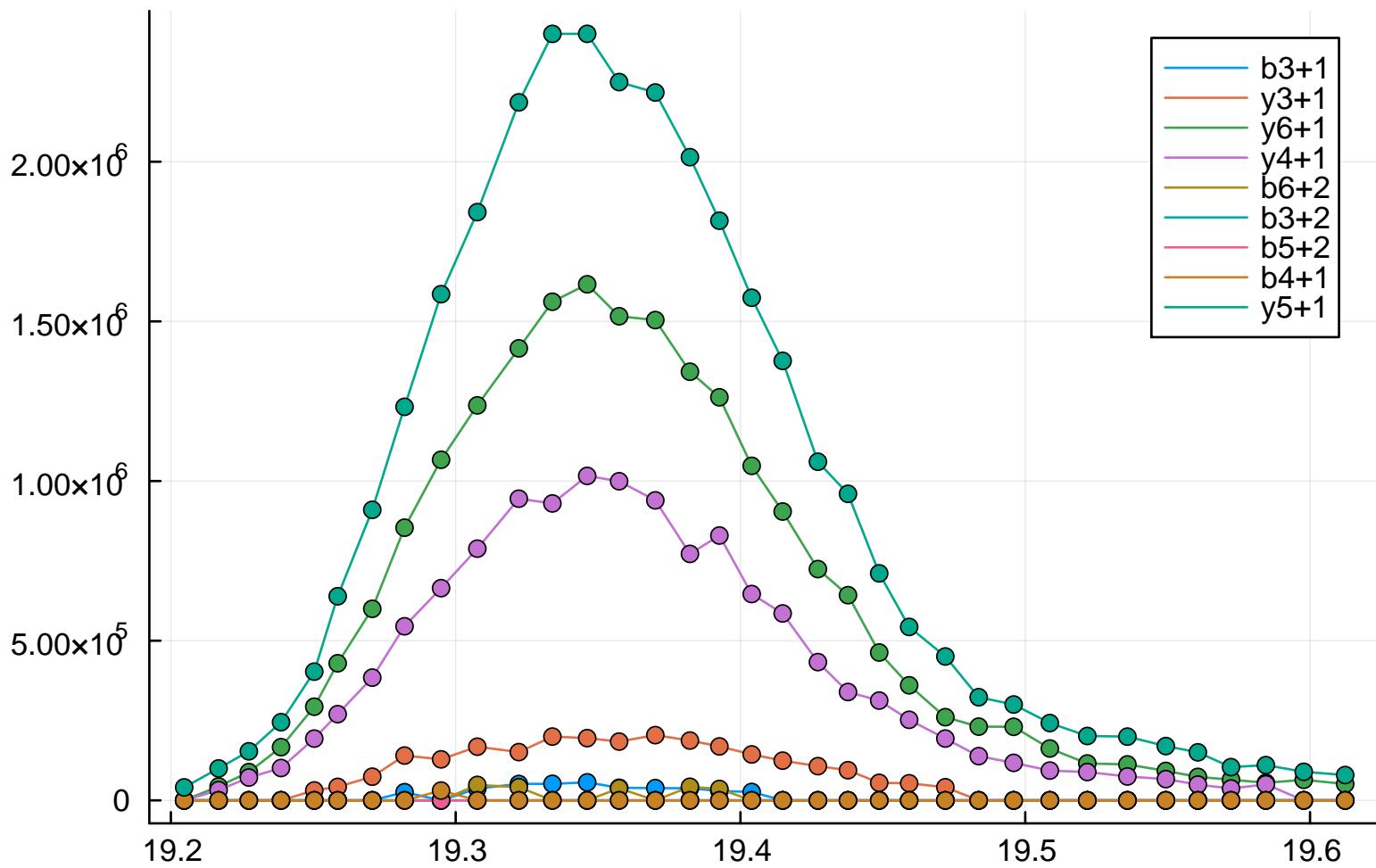
CDKL2- TLAAPGEVYTDYVATR[Harg]



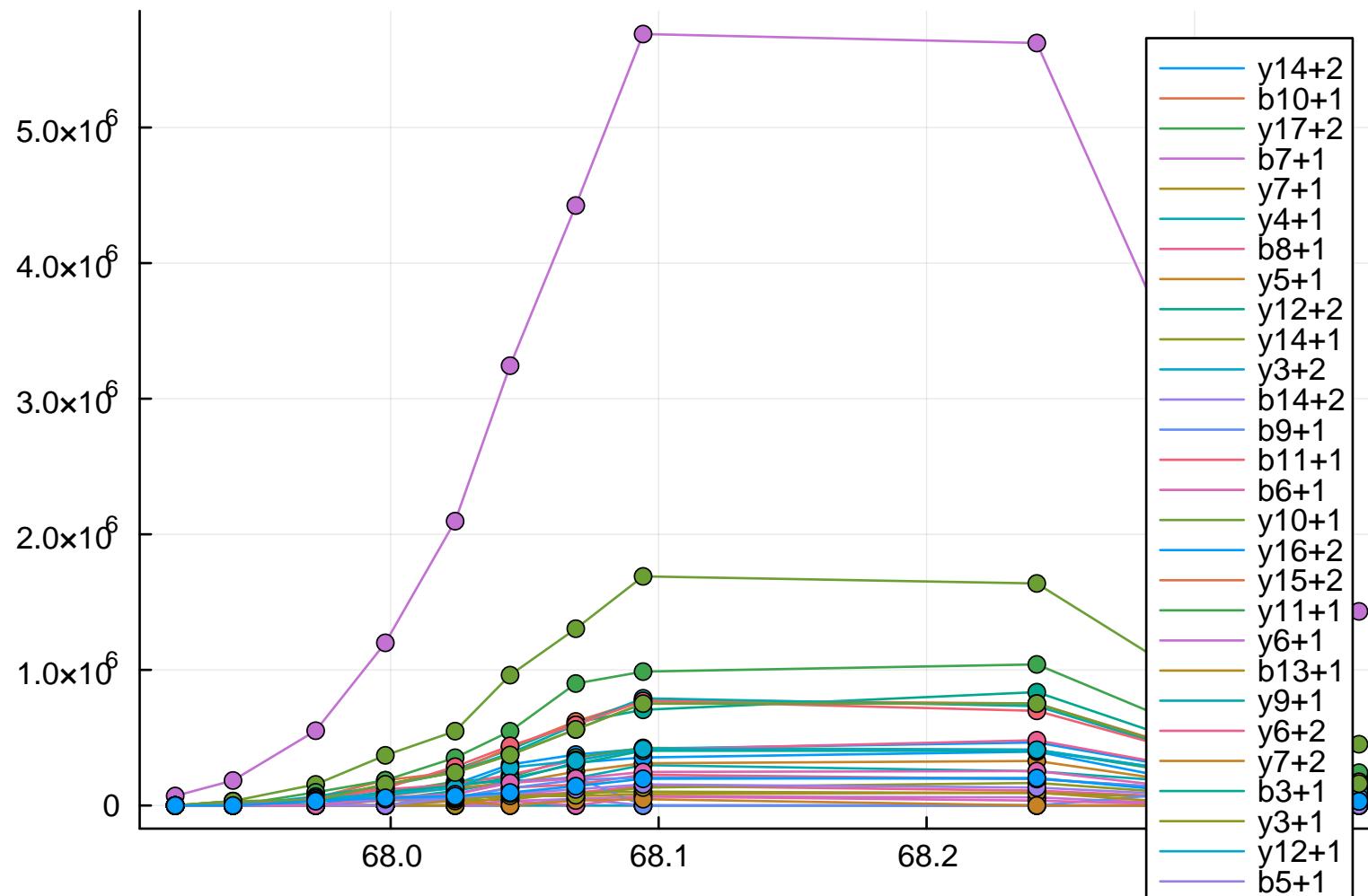
CDKL5- DIKPENLLISHNDVLK[Hlys]



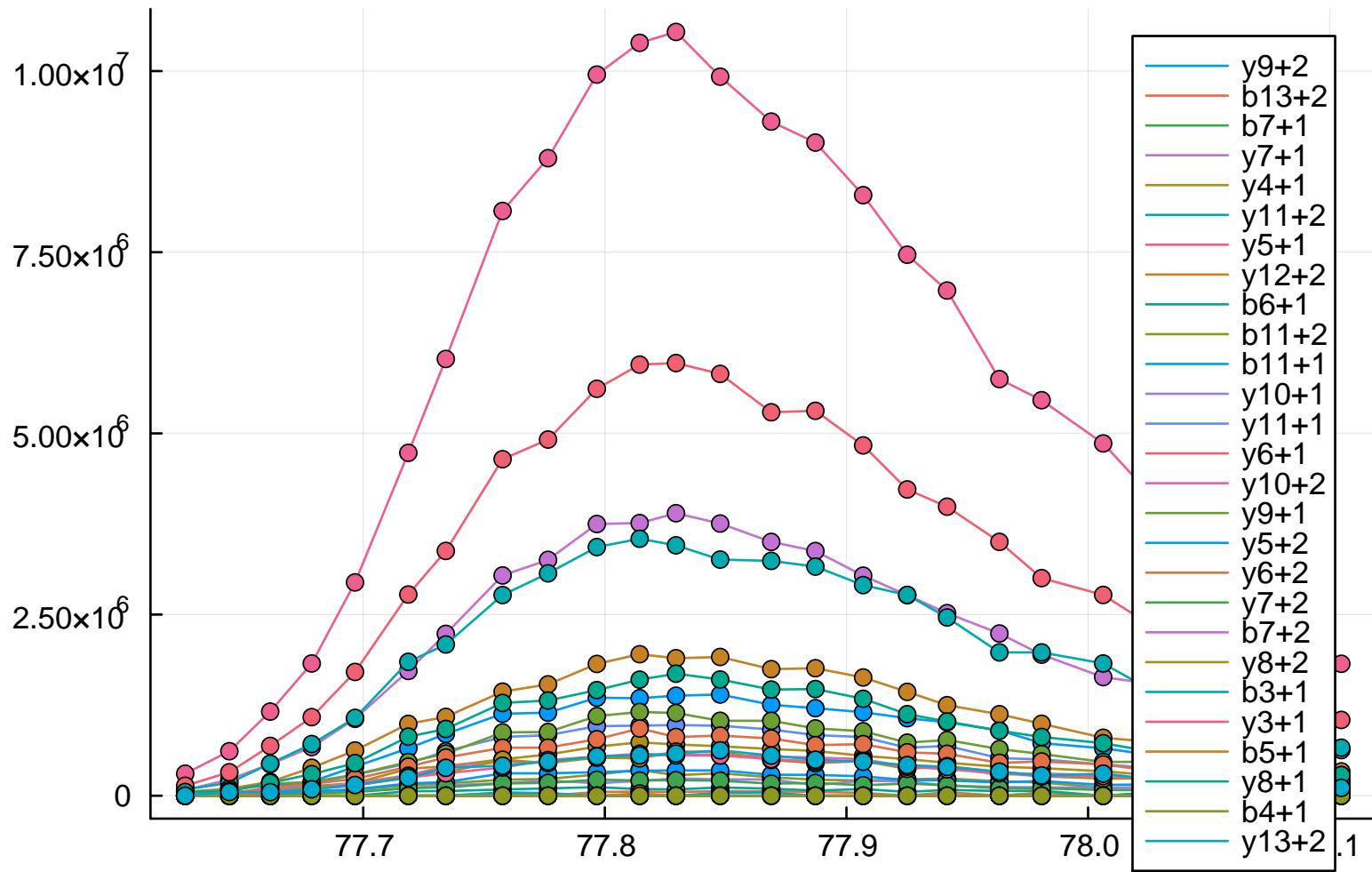
CIT- VLDNQIK[Hlys]



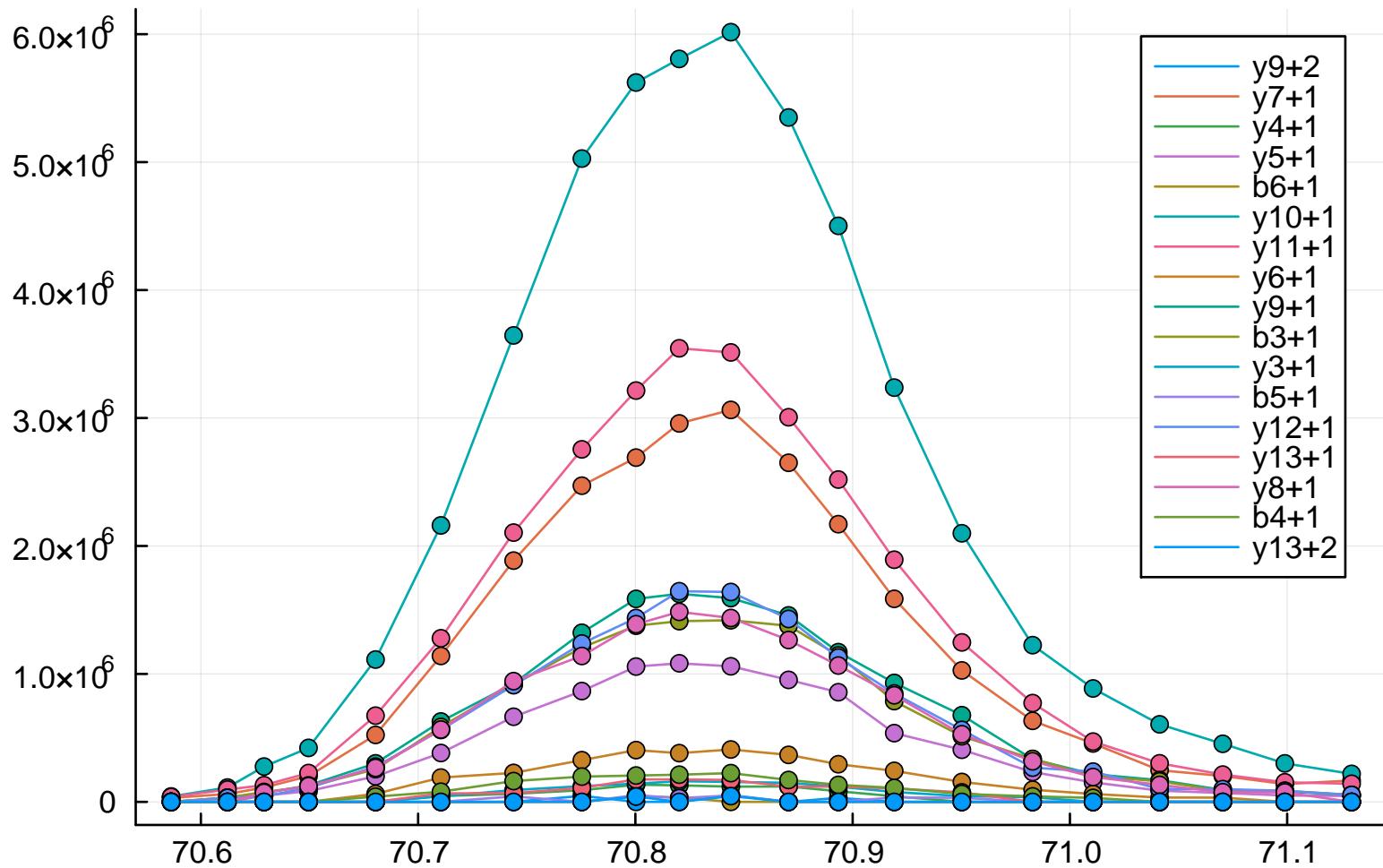
CLK1- SEIQVLEHLNTTDPNSTFR[Harg]



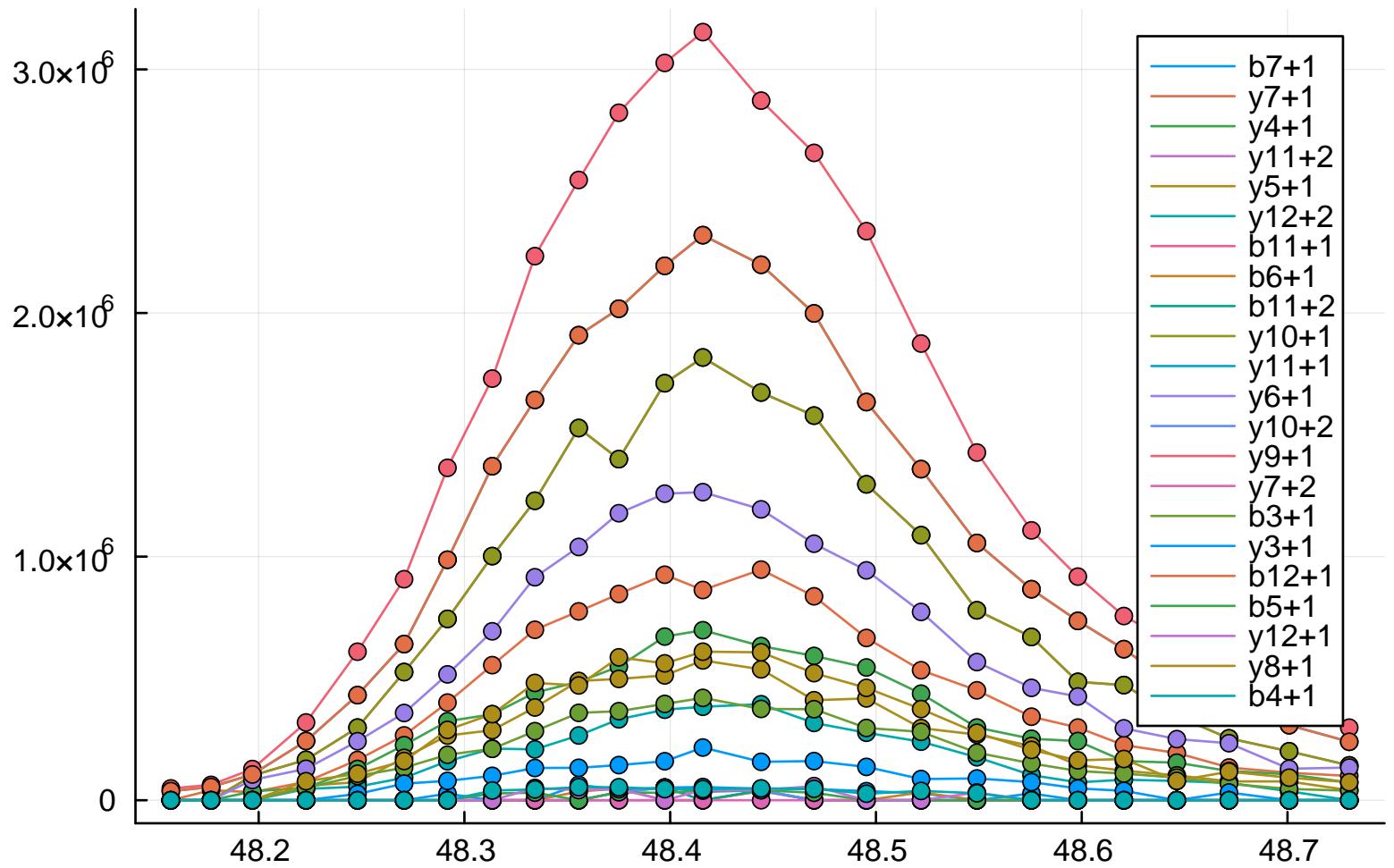
CLK2- LTLGEALQHPFFAR[Harg]



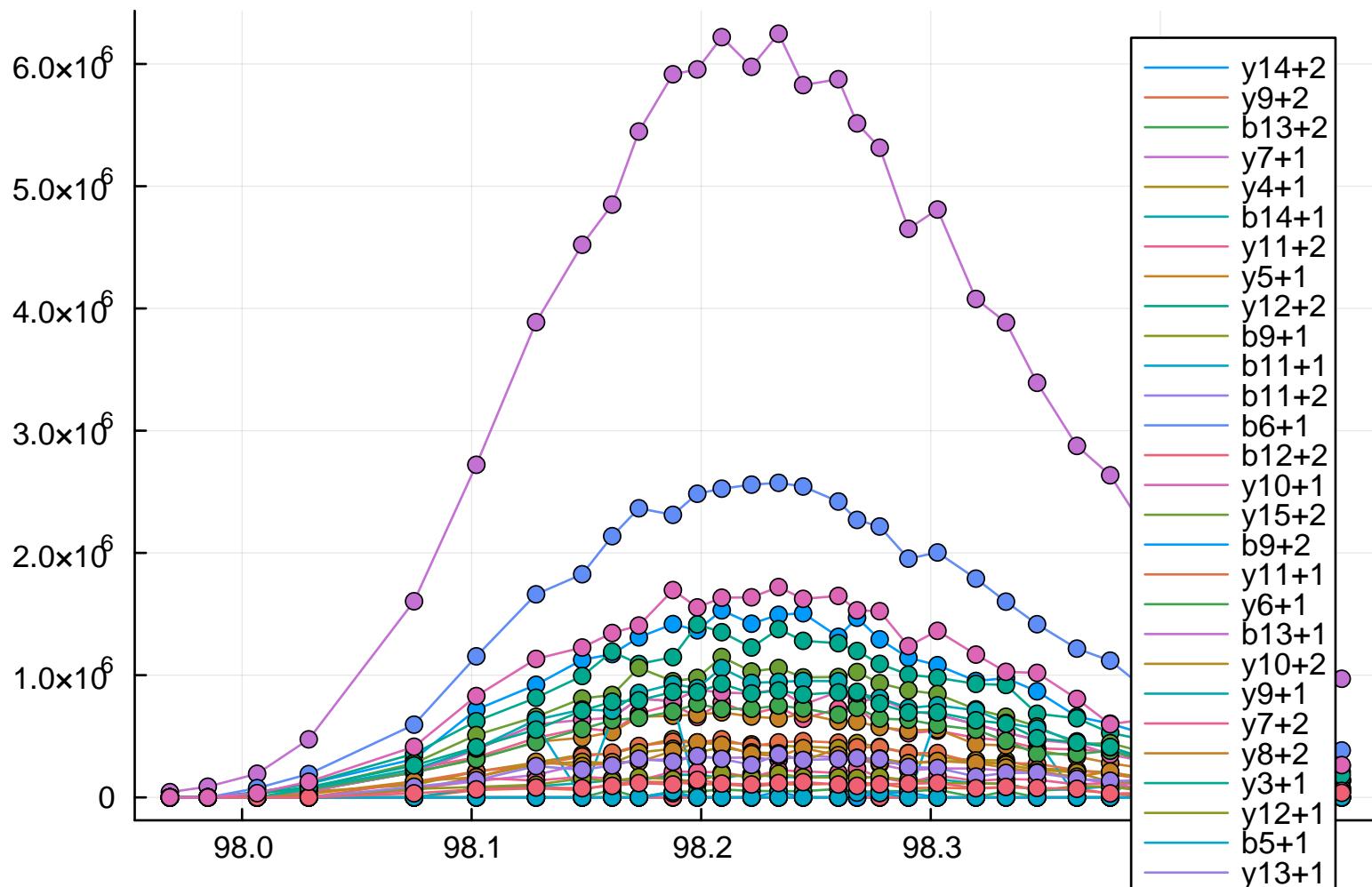
CLK2- YEIVSTLGE^GT^FGR[Harg]



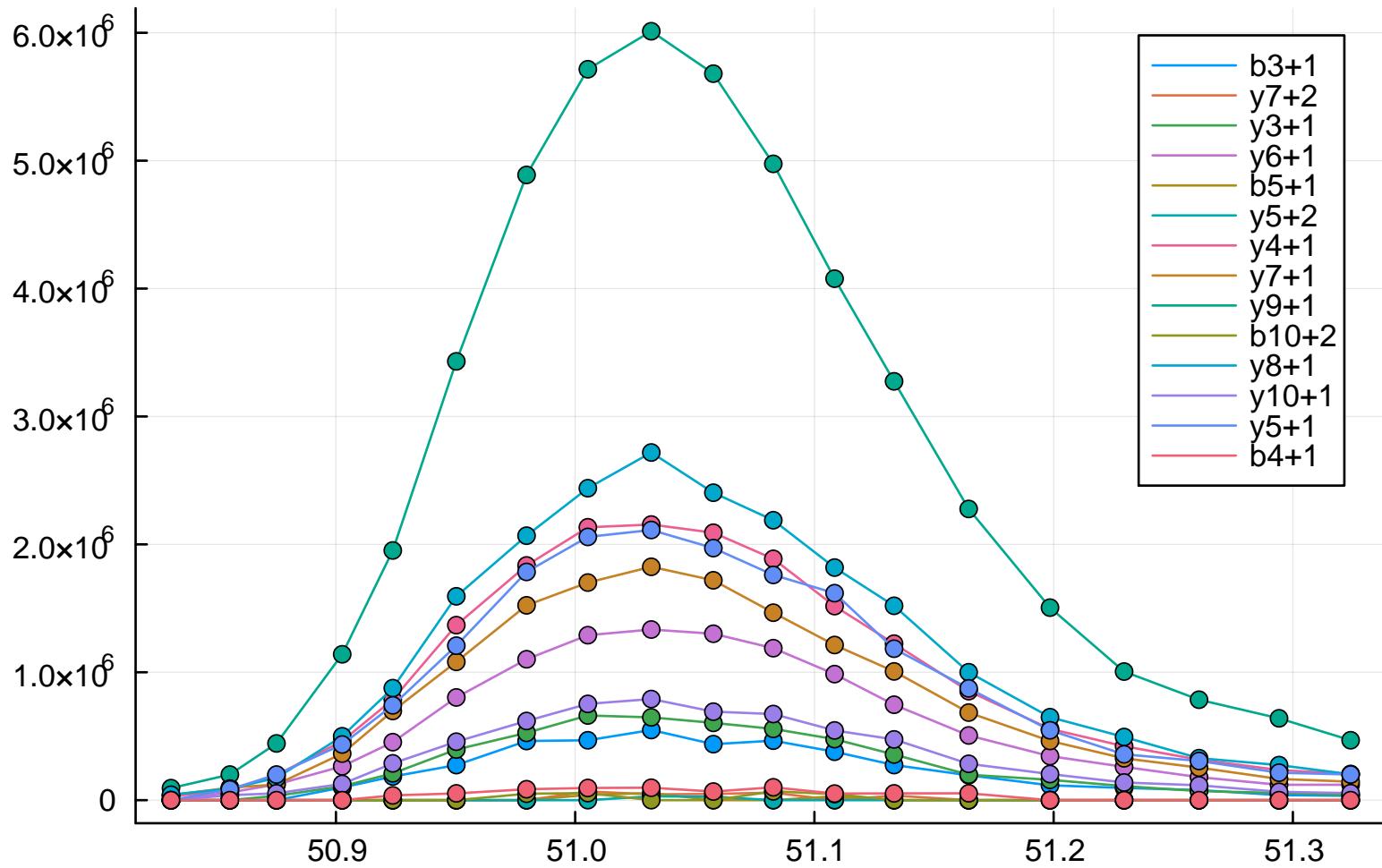
CLK3- SPSFGEDYYGPSR[Harg]



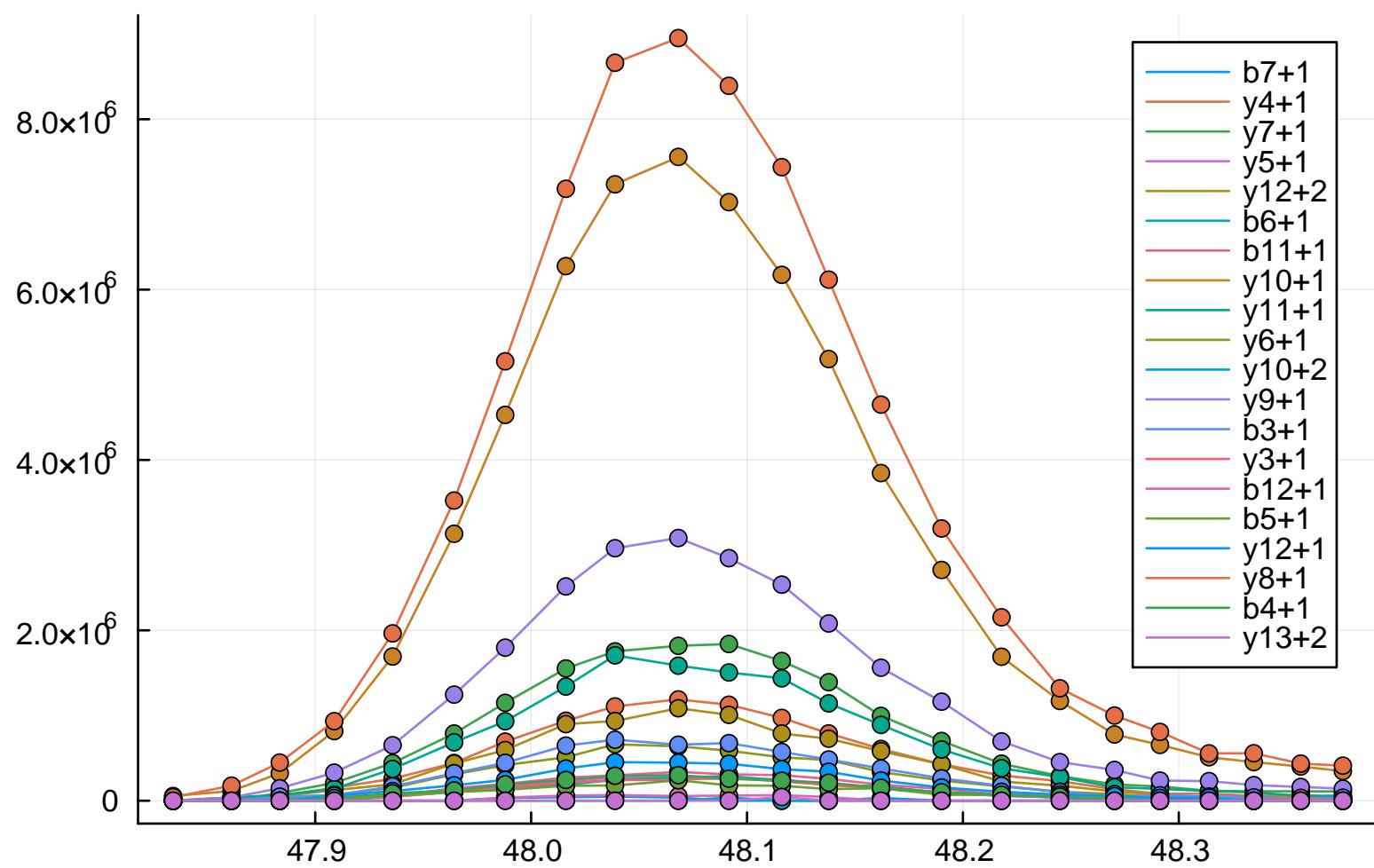
CLK4- ITLDEALQHPFFDLLK[Hlys]



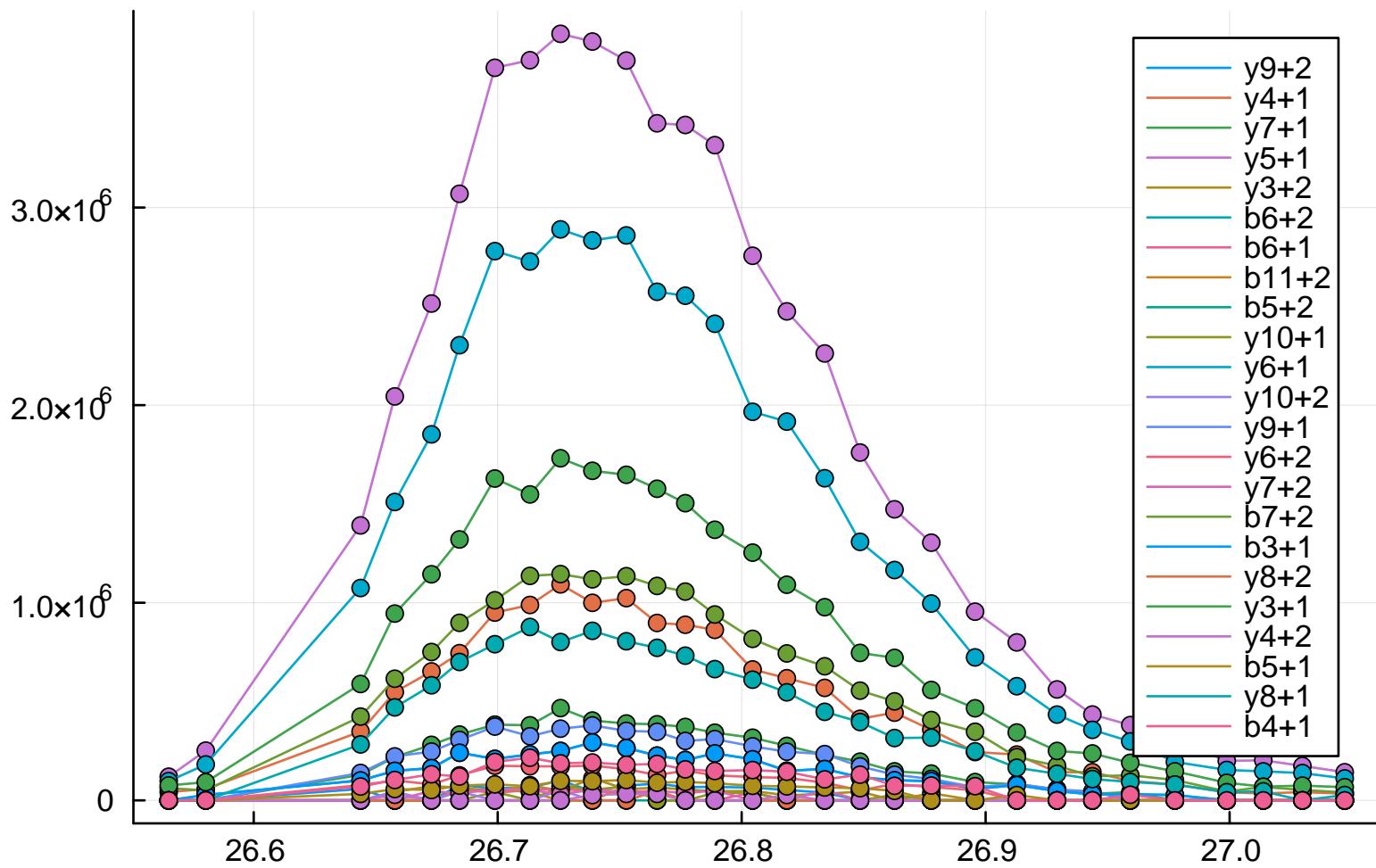
CSF1R- VVEATAFGLGK[Hlys]



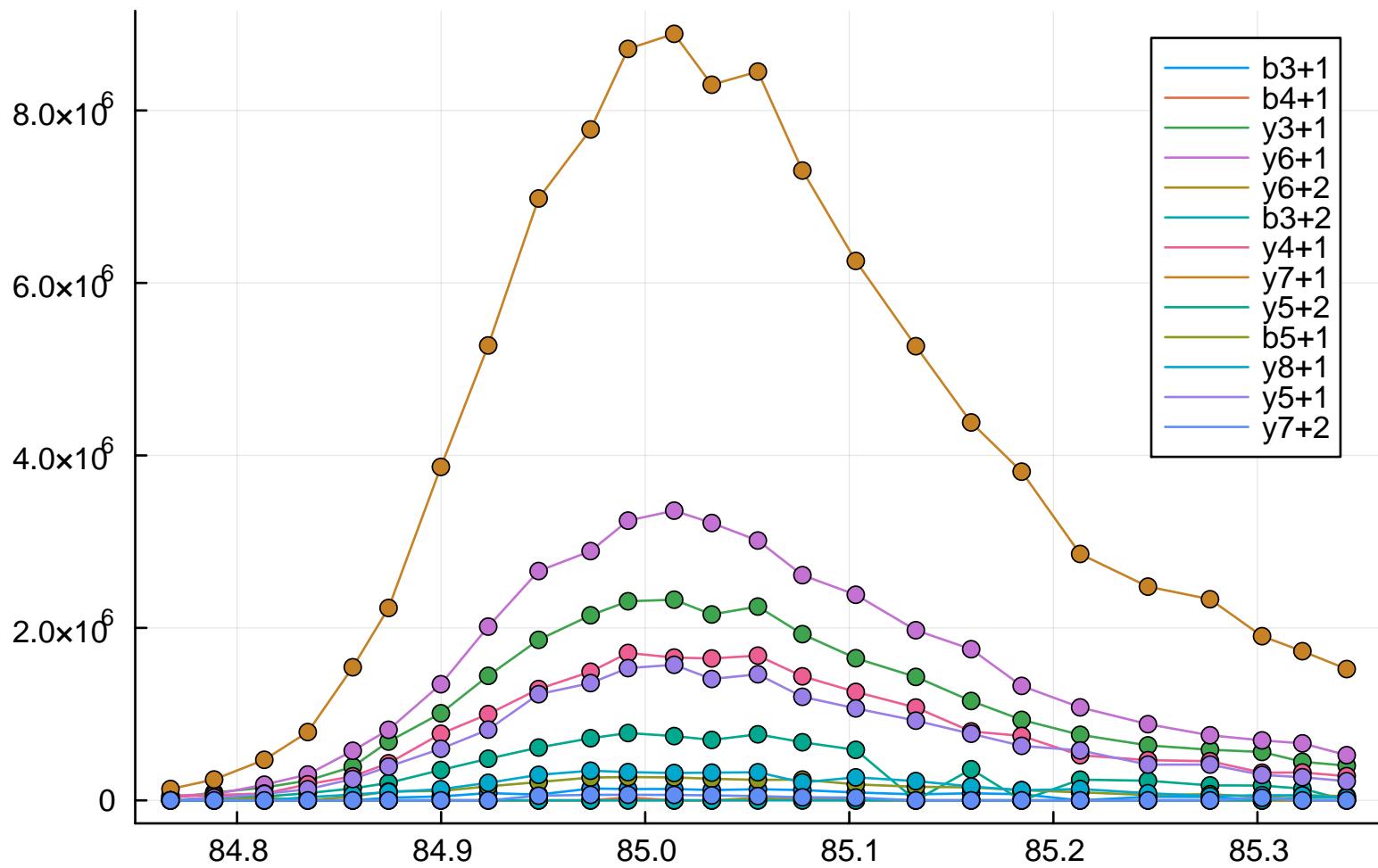
CSNK1D- GAPVNISSSDLTGR[Harg]



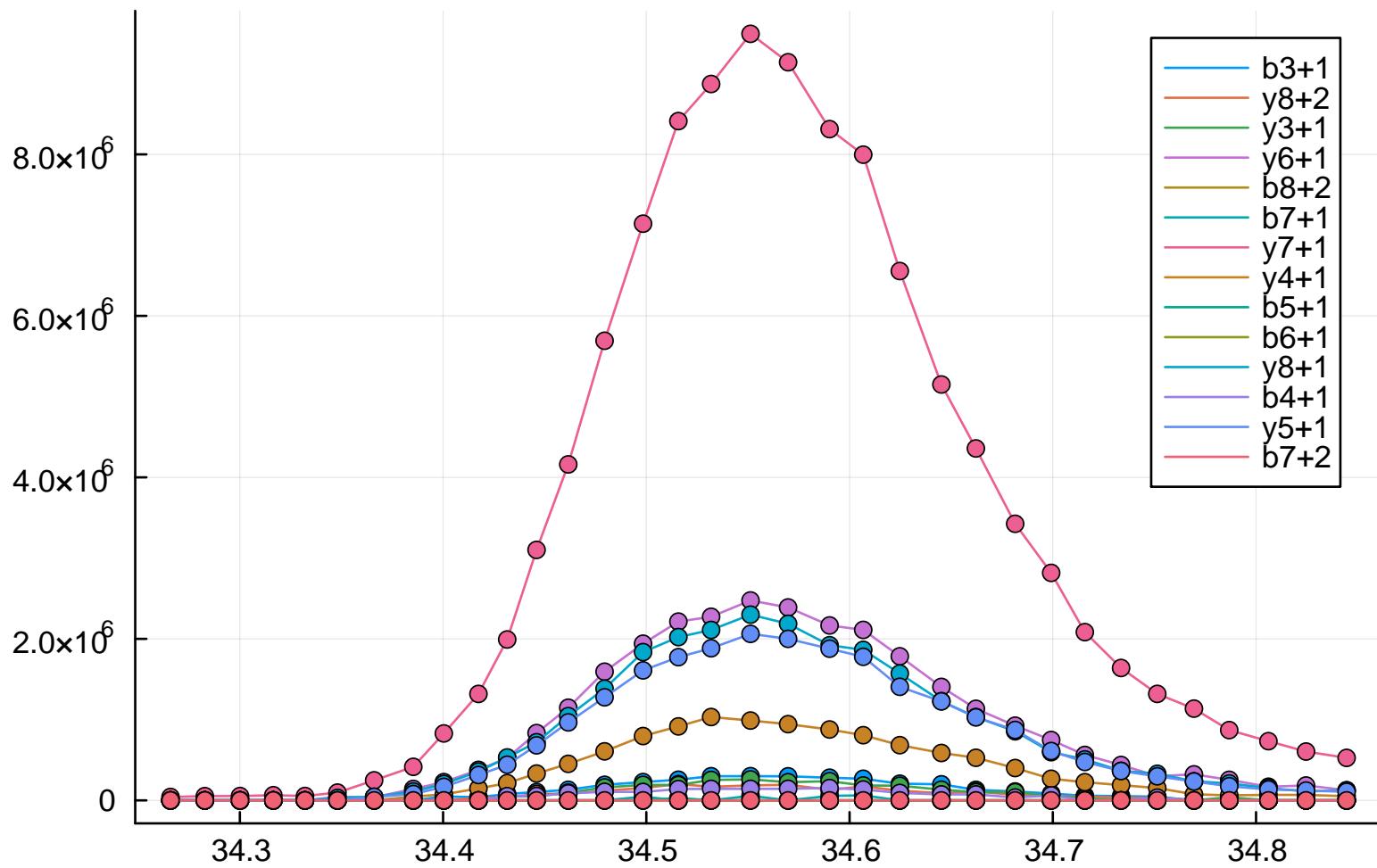
CSNK1D- VASSGLQSVVHR[Harg]



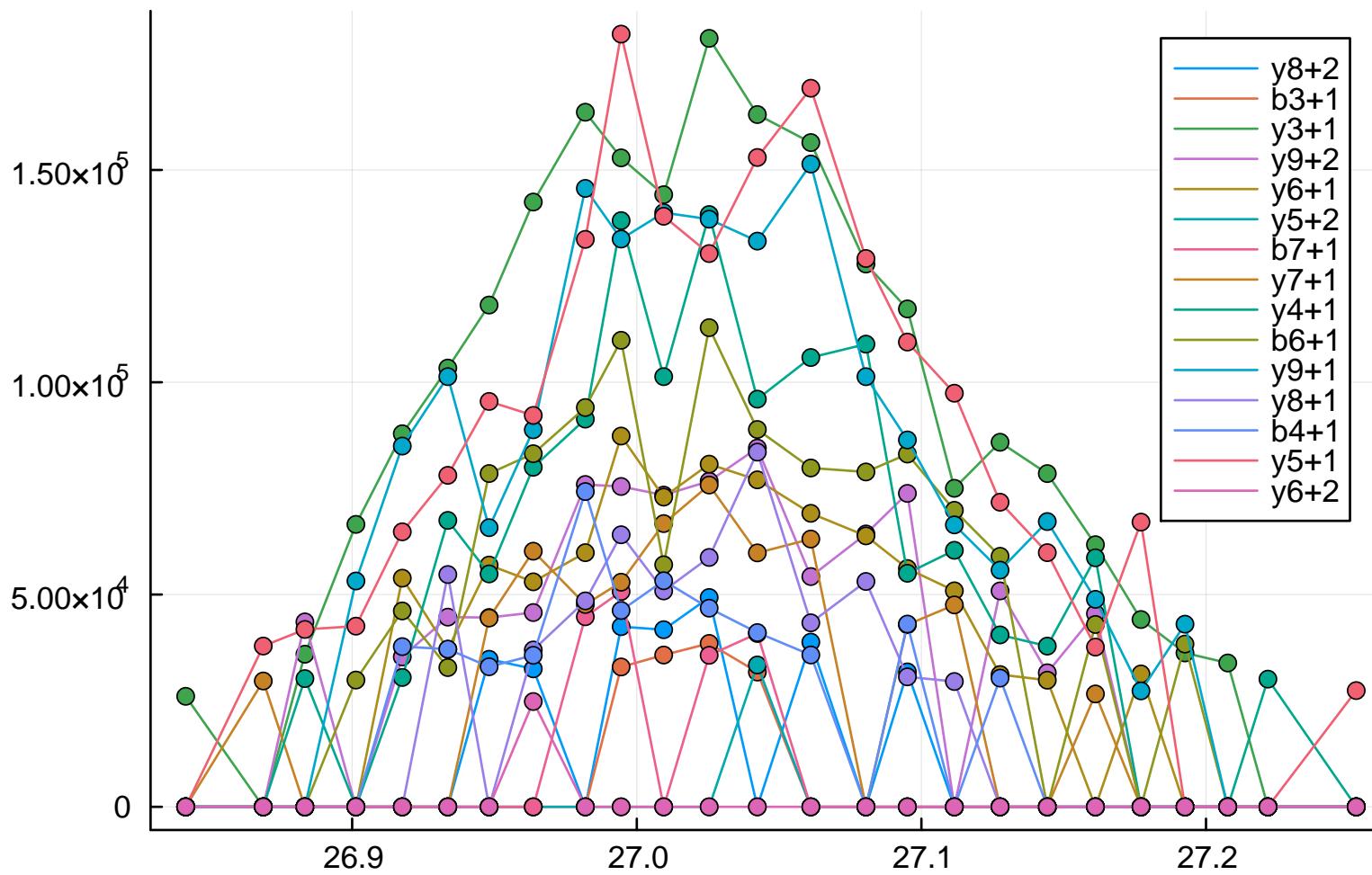
CSNK1G1- TLFTDLFEK[Hlys]



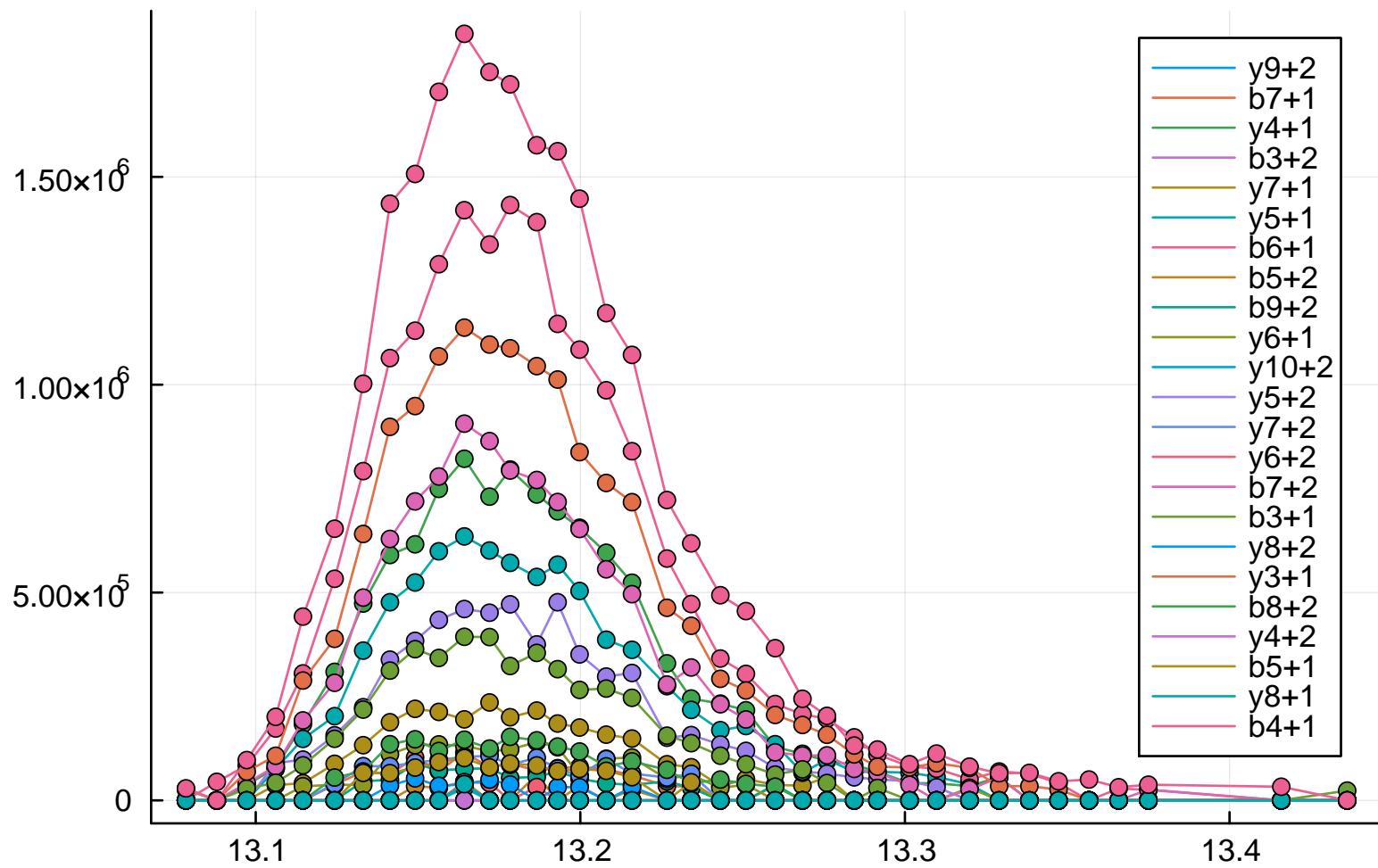
CSNK2A2- VYAEVNSLR[Harg]



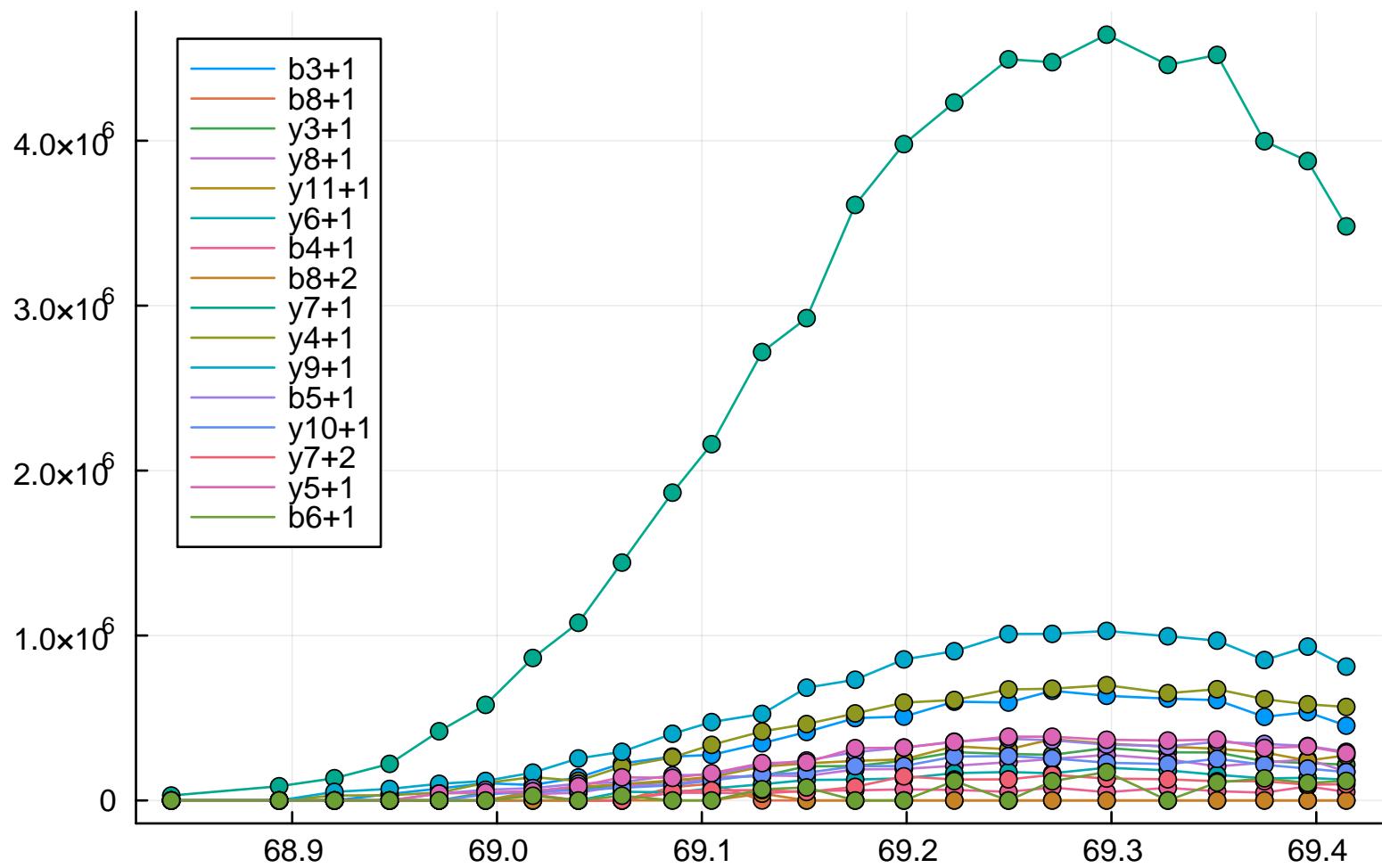
DAPK1- FGNDLHISNK[Hlys]



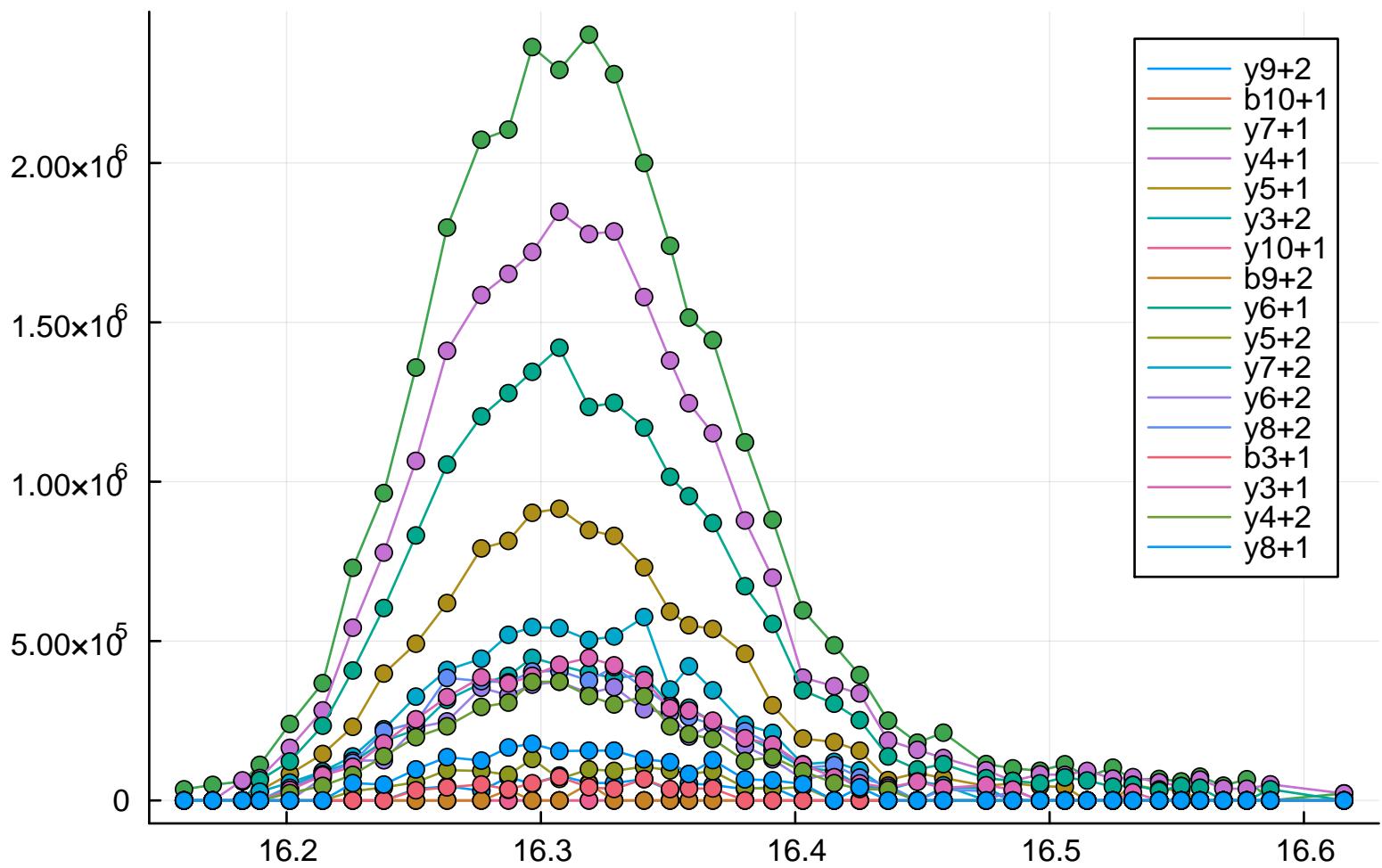
DAPK1- HGNTPLHVAC[Carb]K[Hlys]



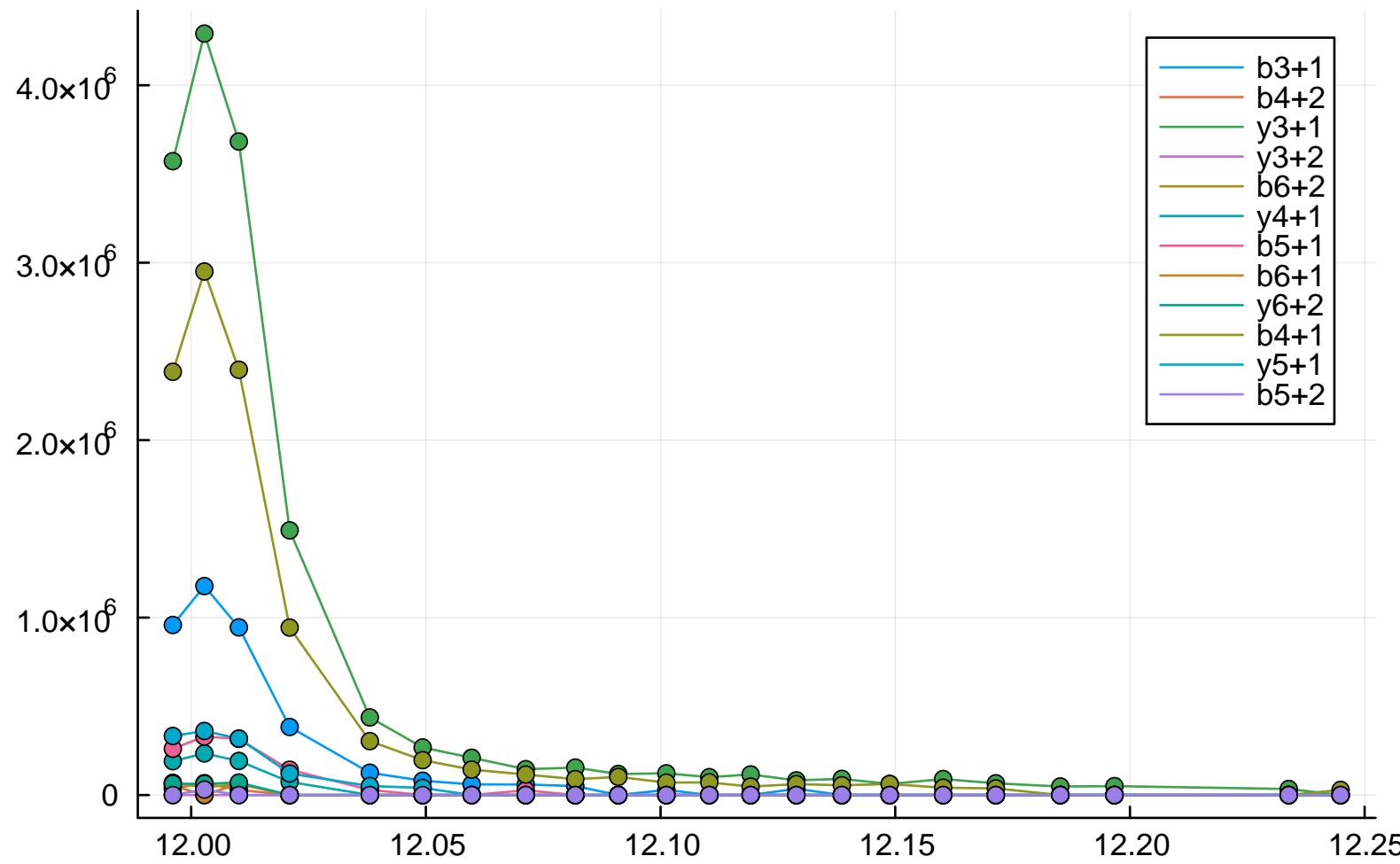
DCK- NEEQGIPLEYLEK[Hlys]



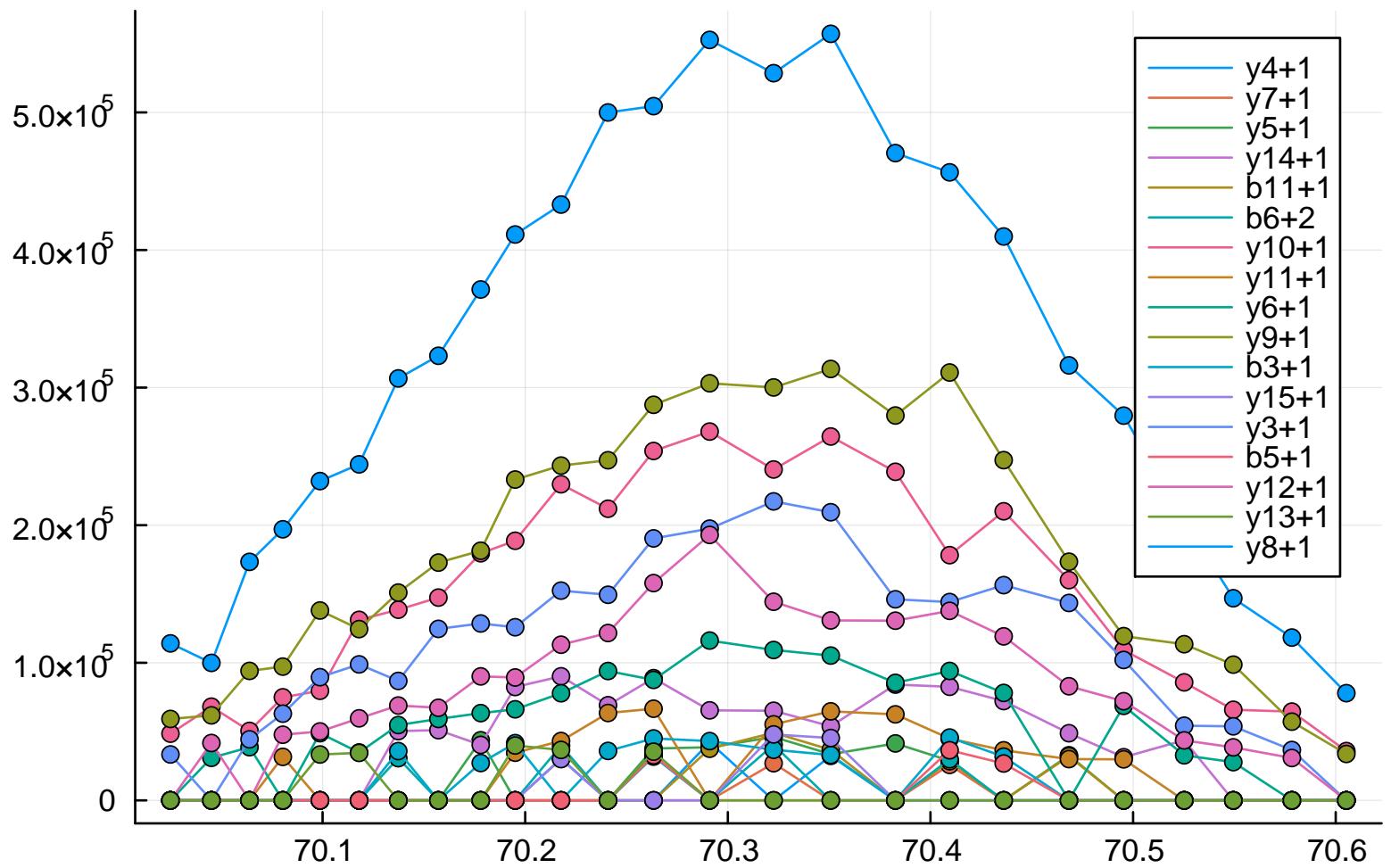
DCLK3- QVSPSSEGHFR[Harg]



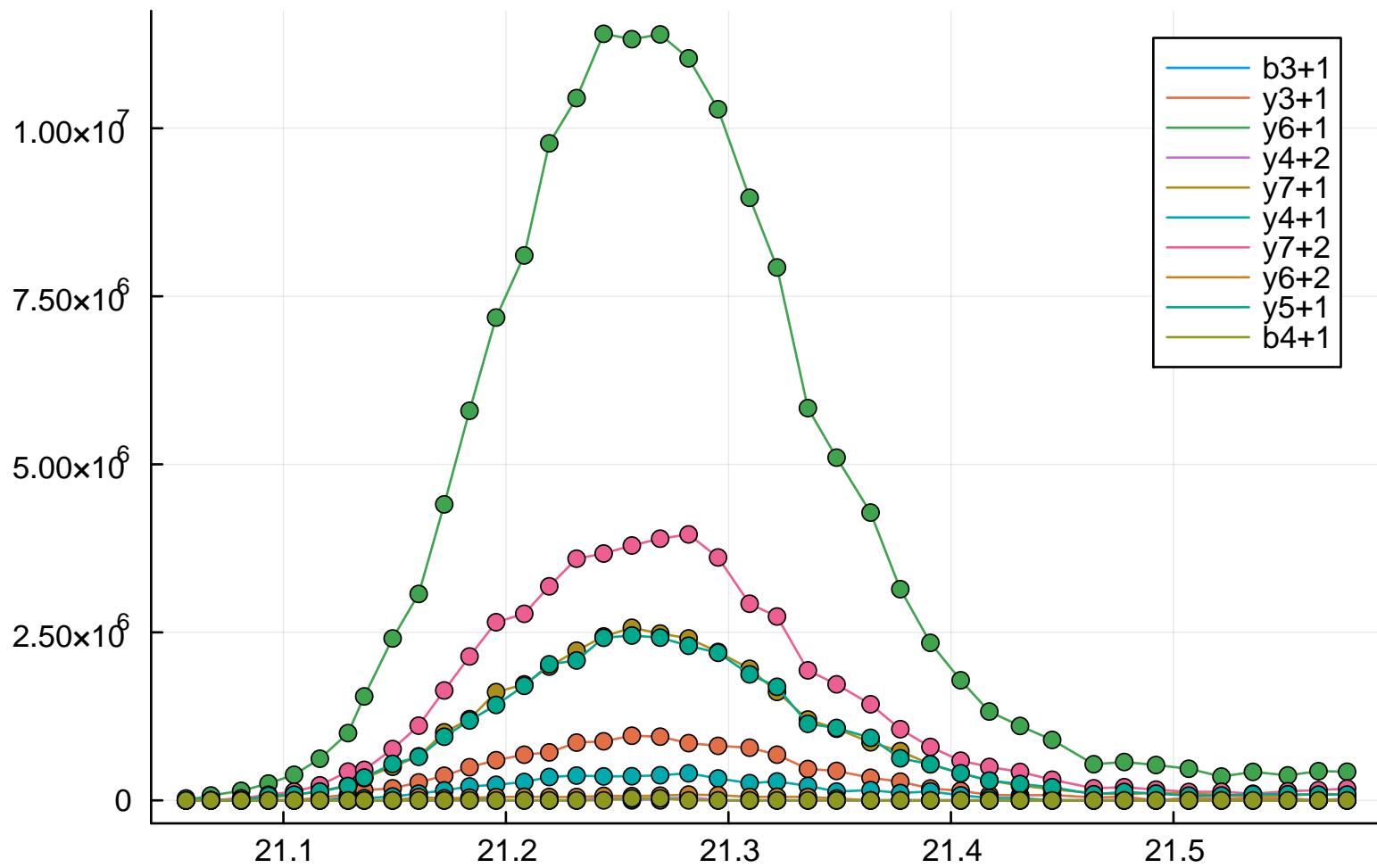
DDR1 - GHFDPAK[Hlys]



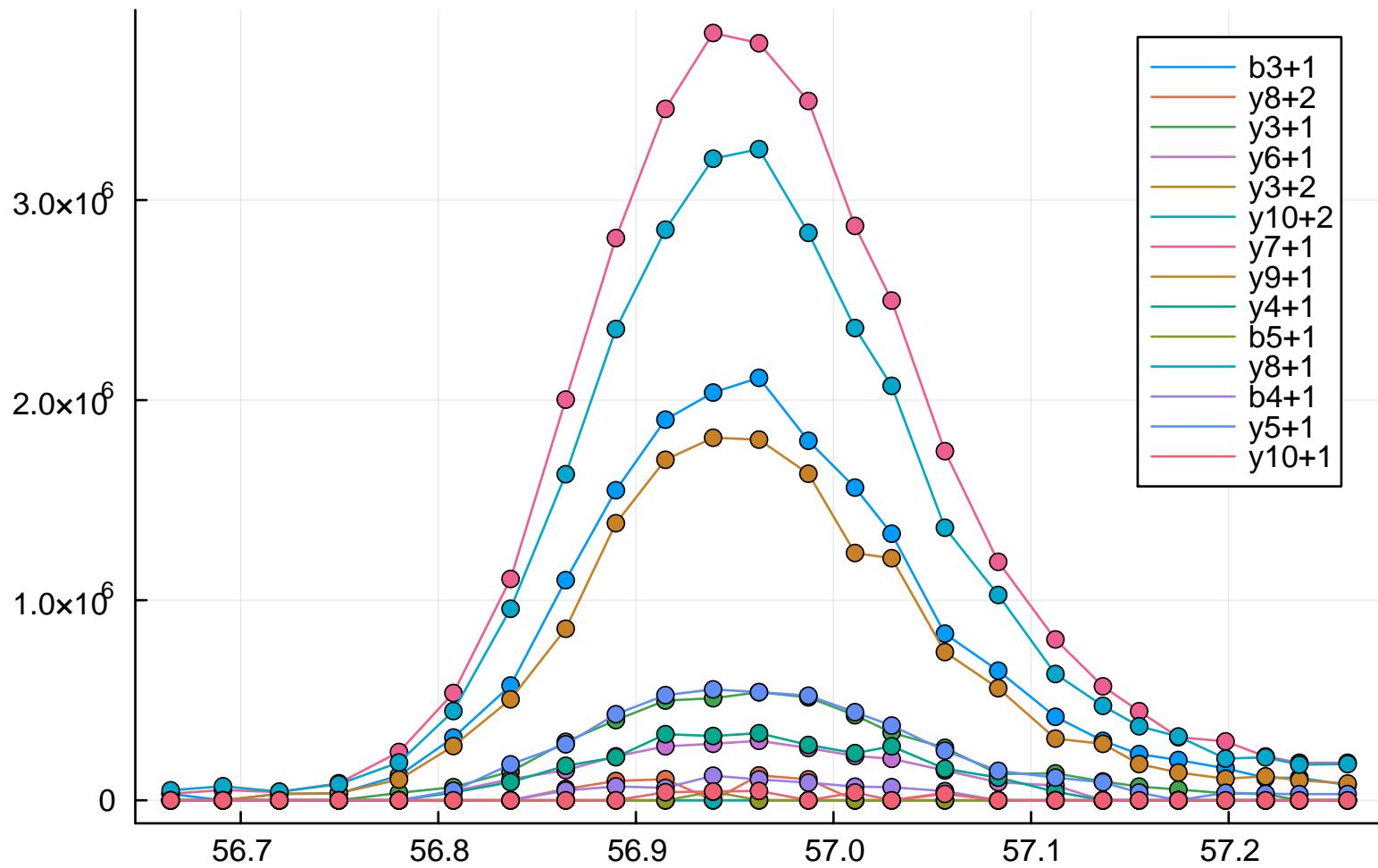
DDR1- LESSDGDGAWC[Carb]PAGSVFPK[Hlys]



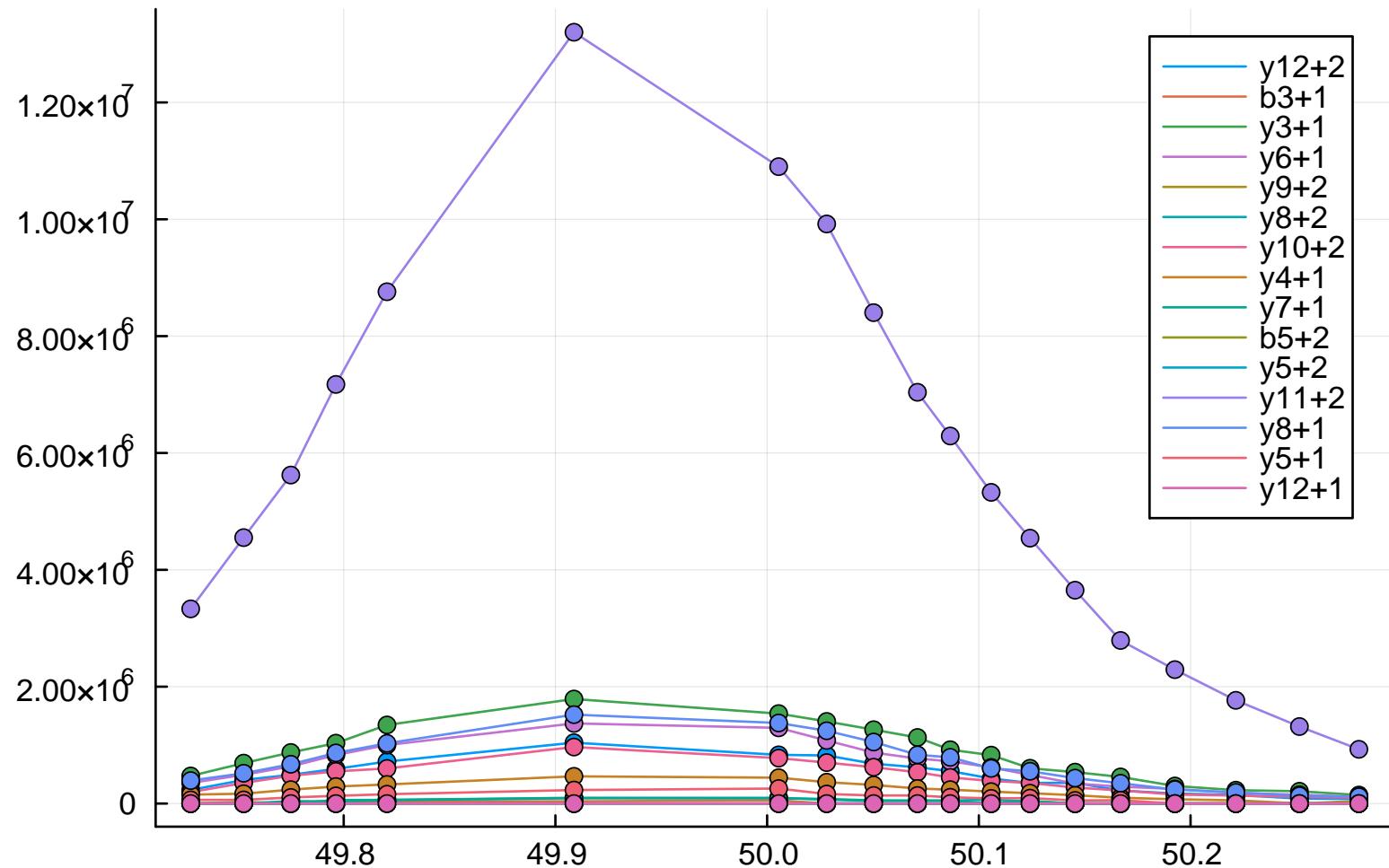
DDR1- LPGGVEC[Carb]R[Harg]



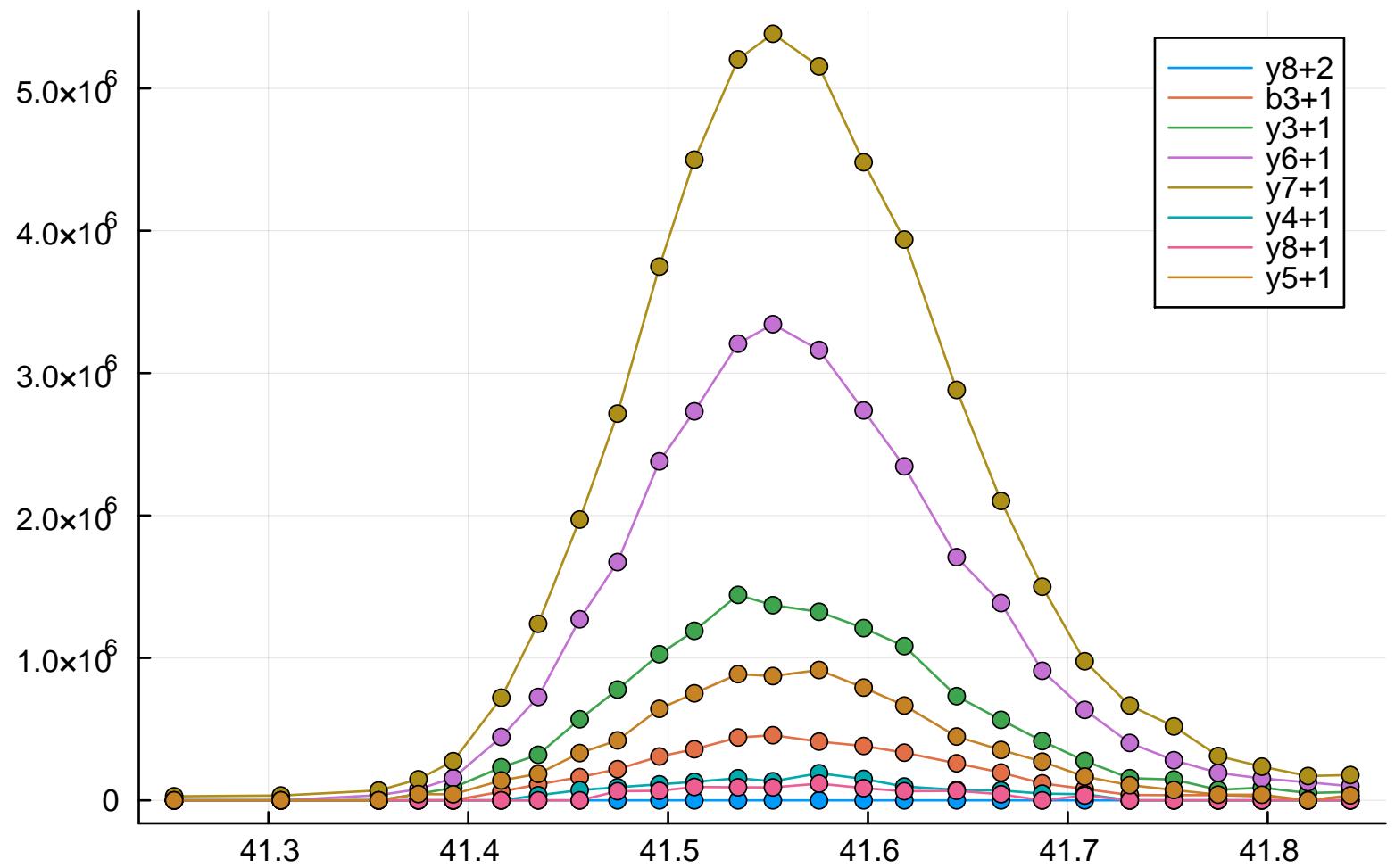
DDR1- NC[Carb]LVGENFTIK[Hlys]



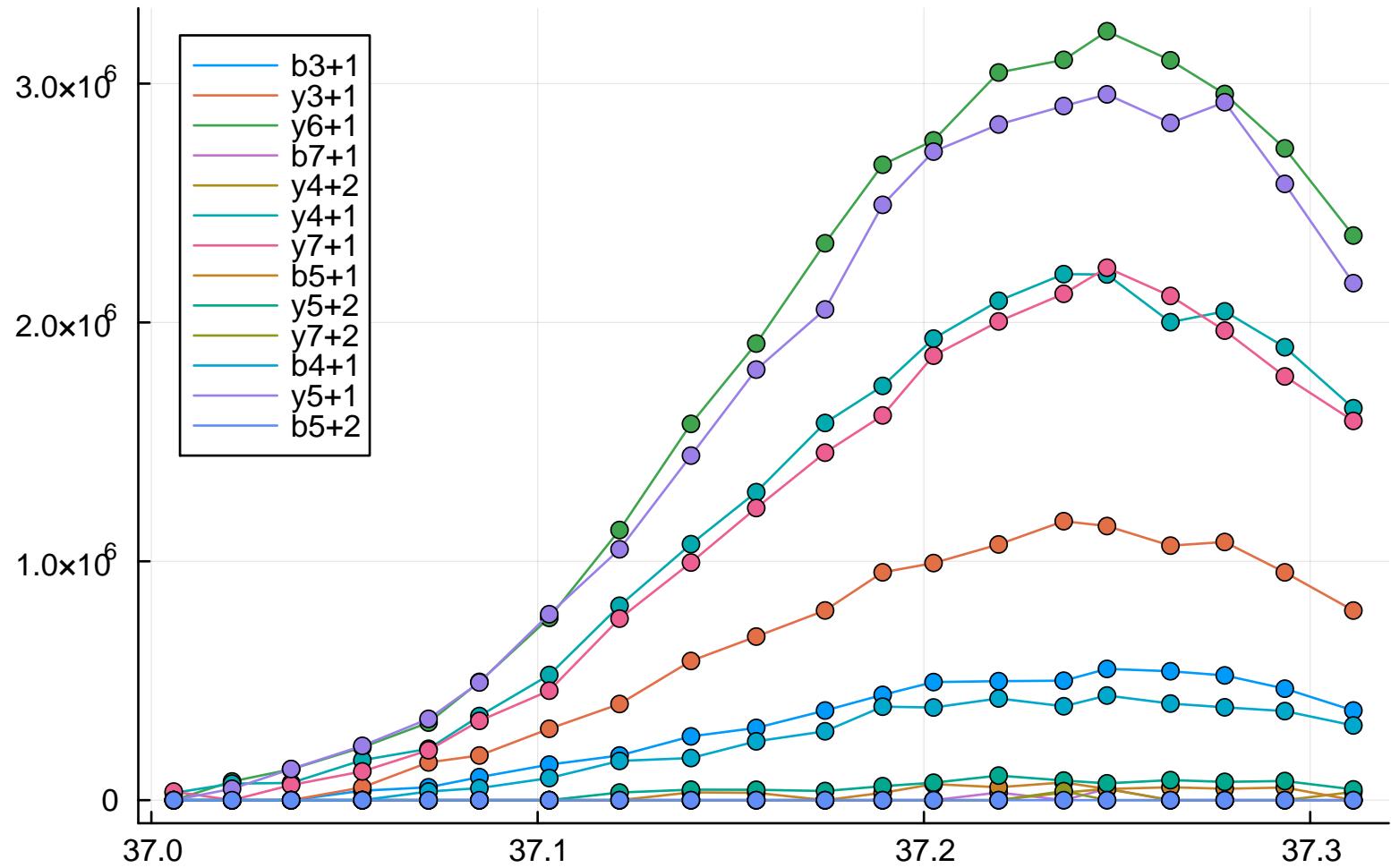
DDR2- IFPLRPDYQEPSR[Harg]



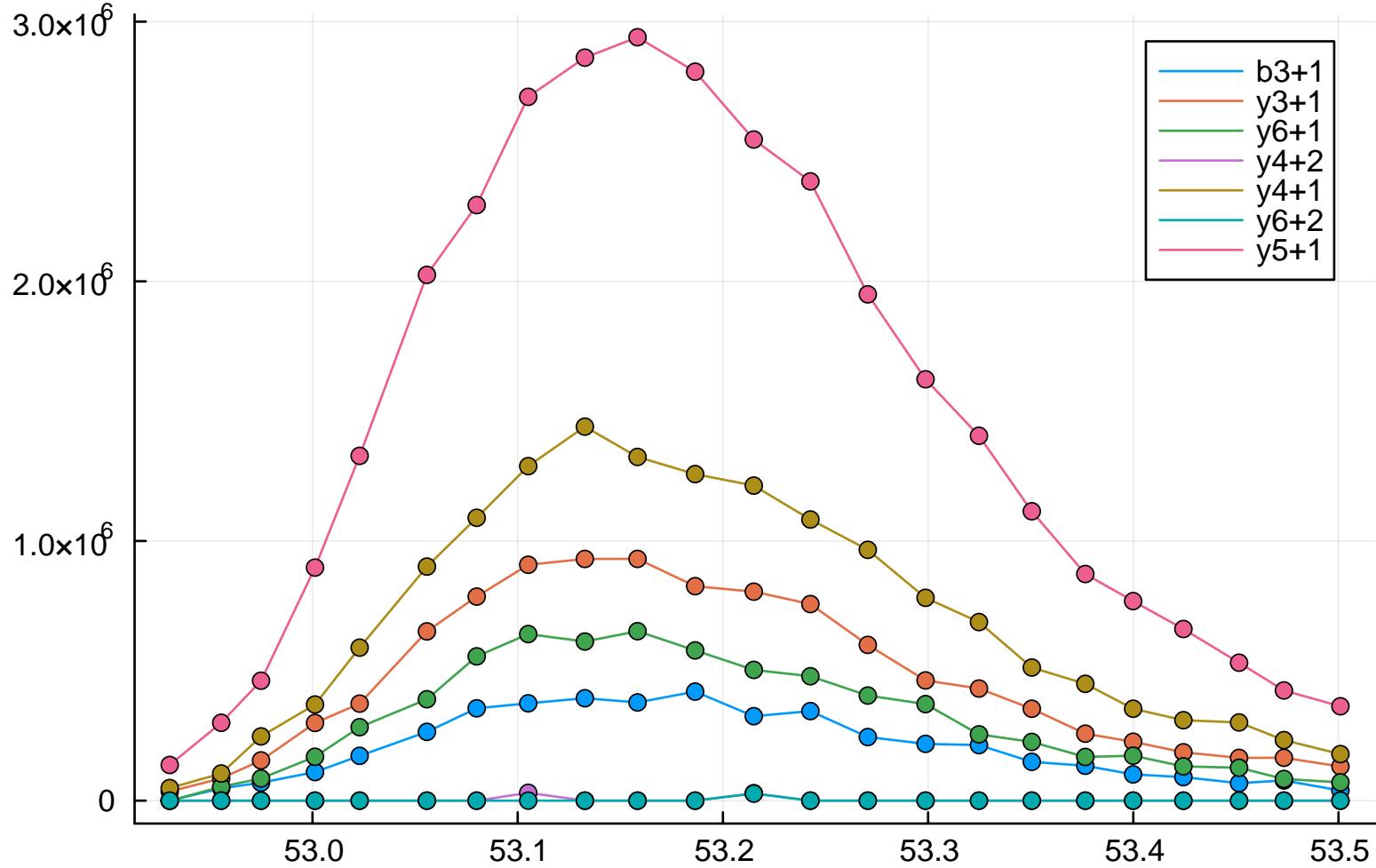
DDR2- NLYSGDYYR[Harg]



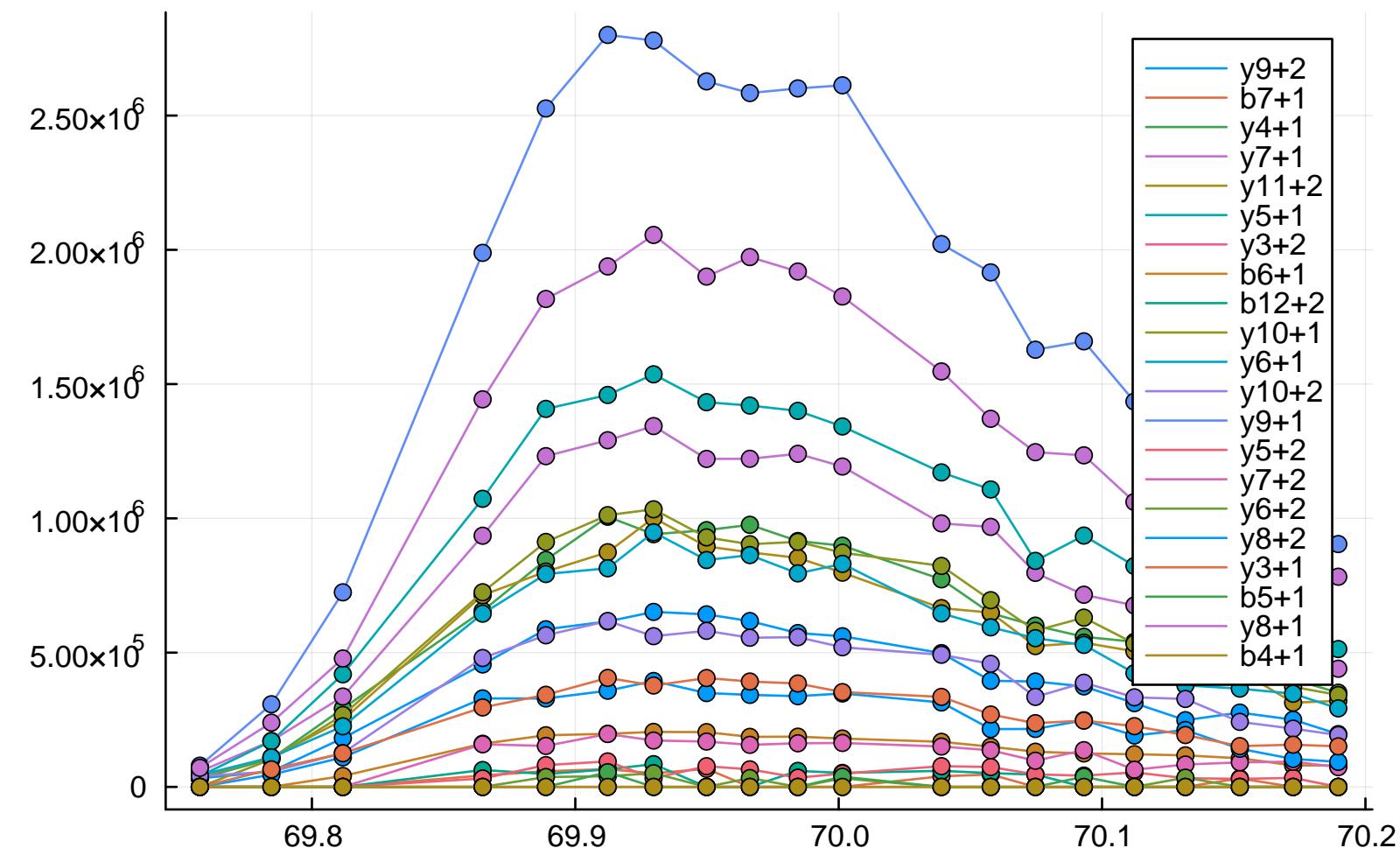
DUSTY- DEQELQEIR[Harg]



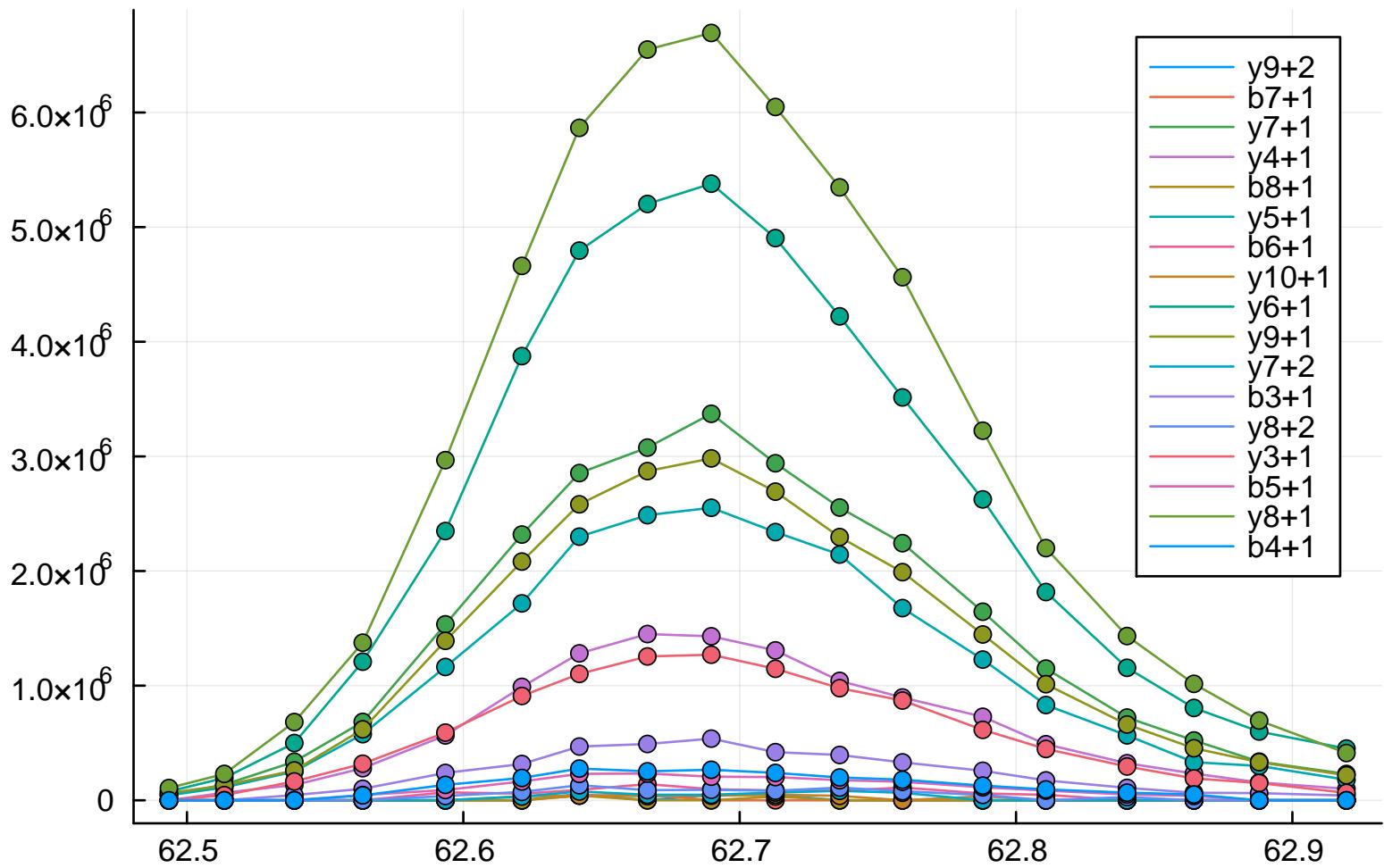
DUSTY- TEDLWLR[Harg]



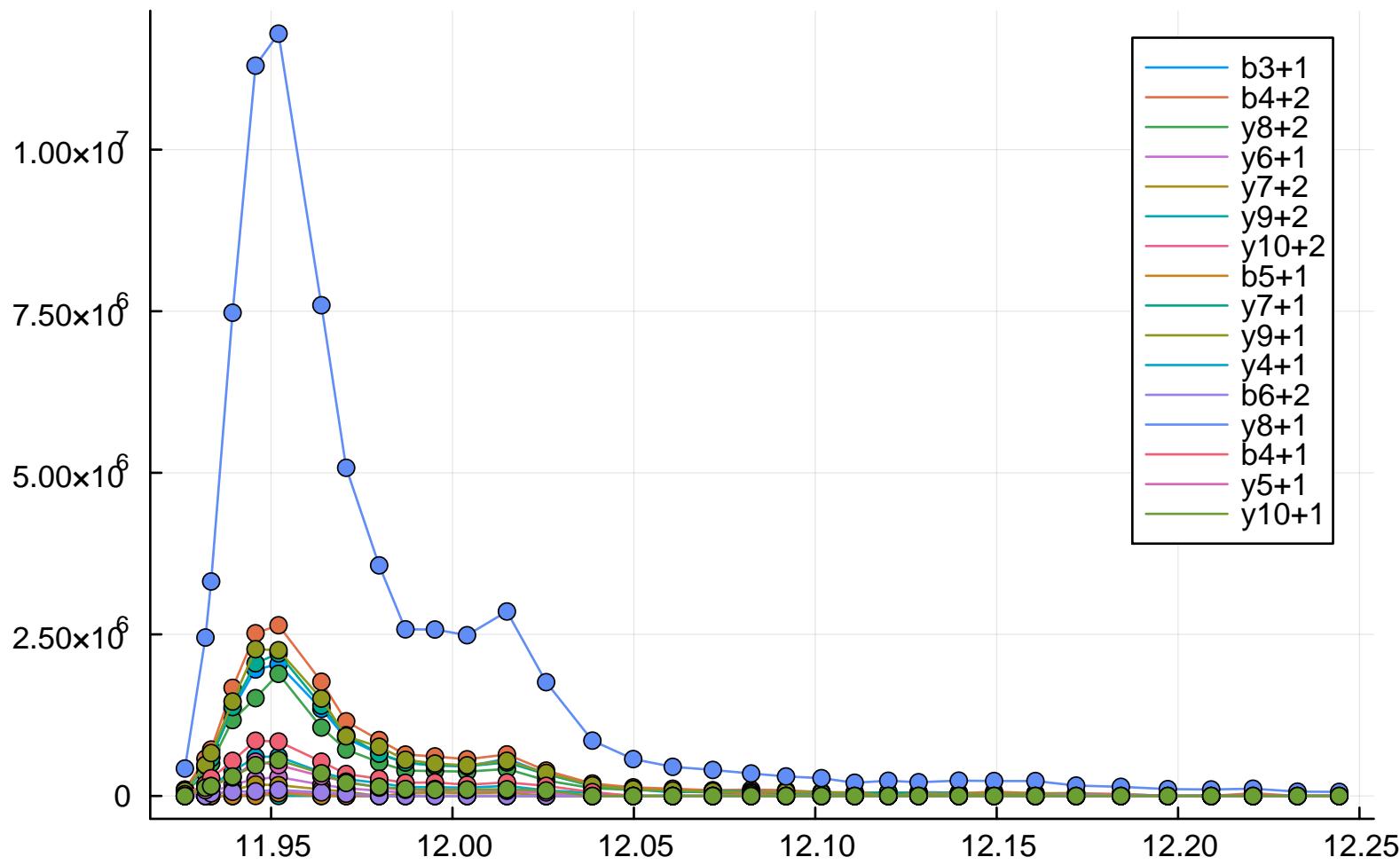
DYRK1A- IQPYYALQHSFFK[H]lys



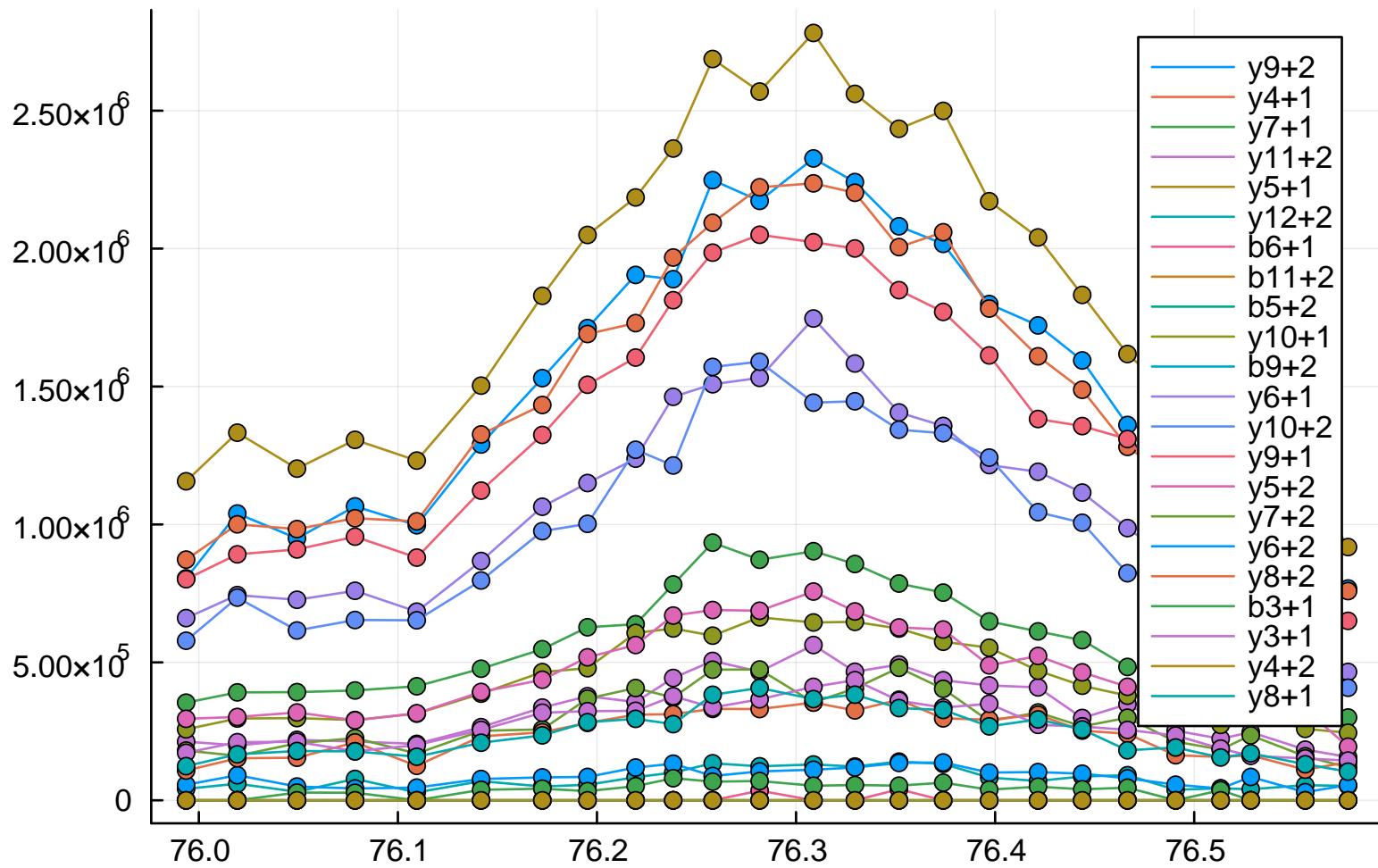
DYRK1B- AFLNQAQIELR[Harg]



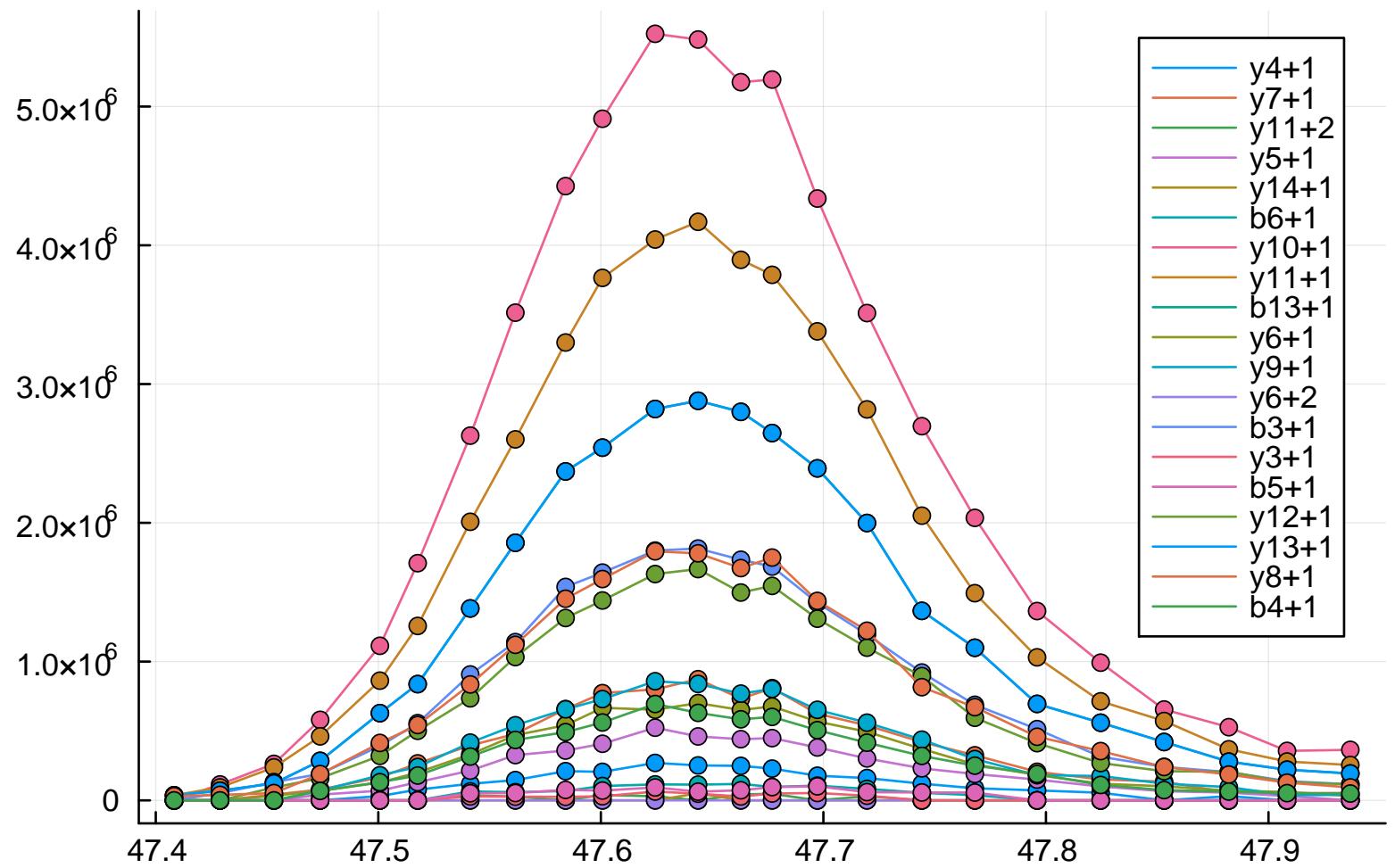
DYRK1B- AQQAPPQDSSNK[Hlys]



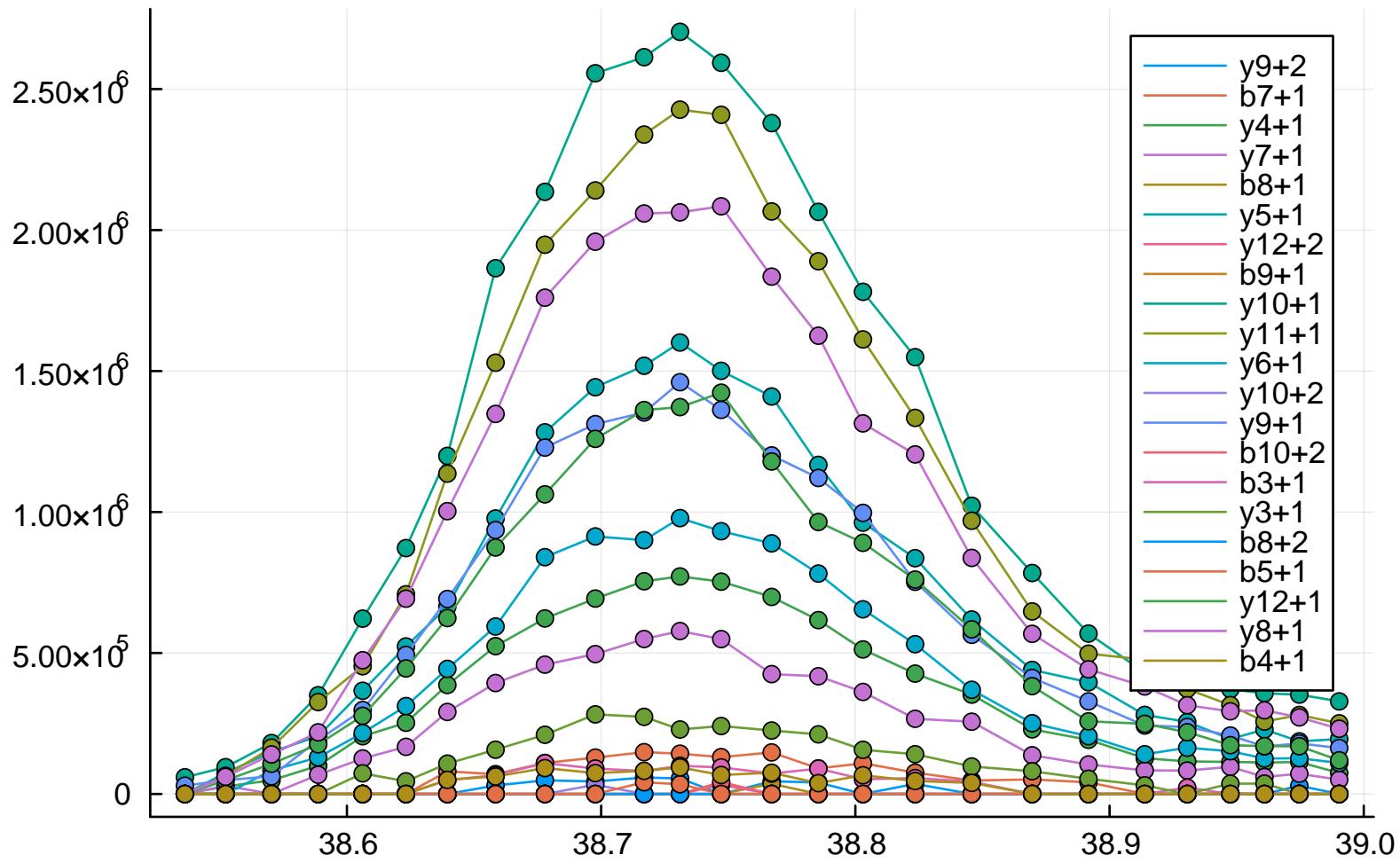
DYRK1B- ISPLGALQHGFFR[Harg]



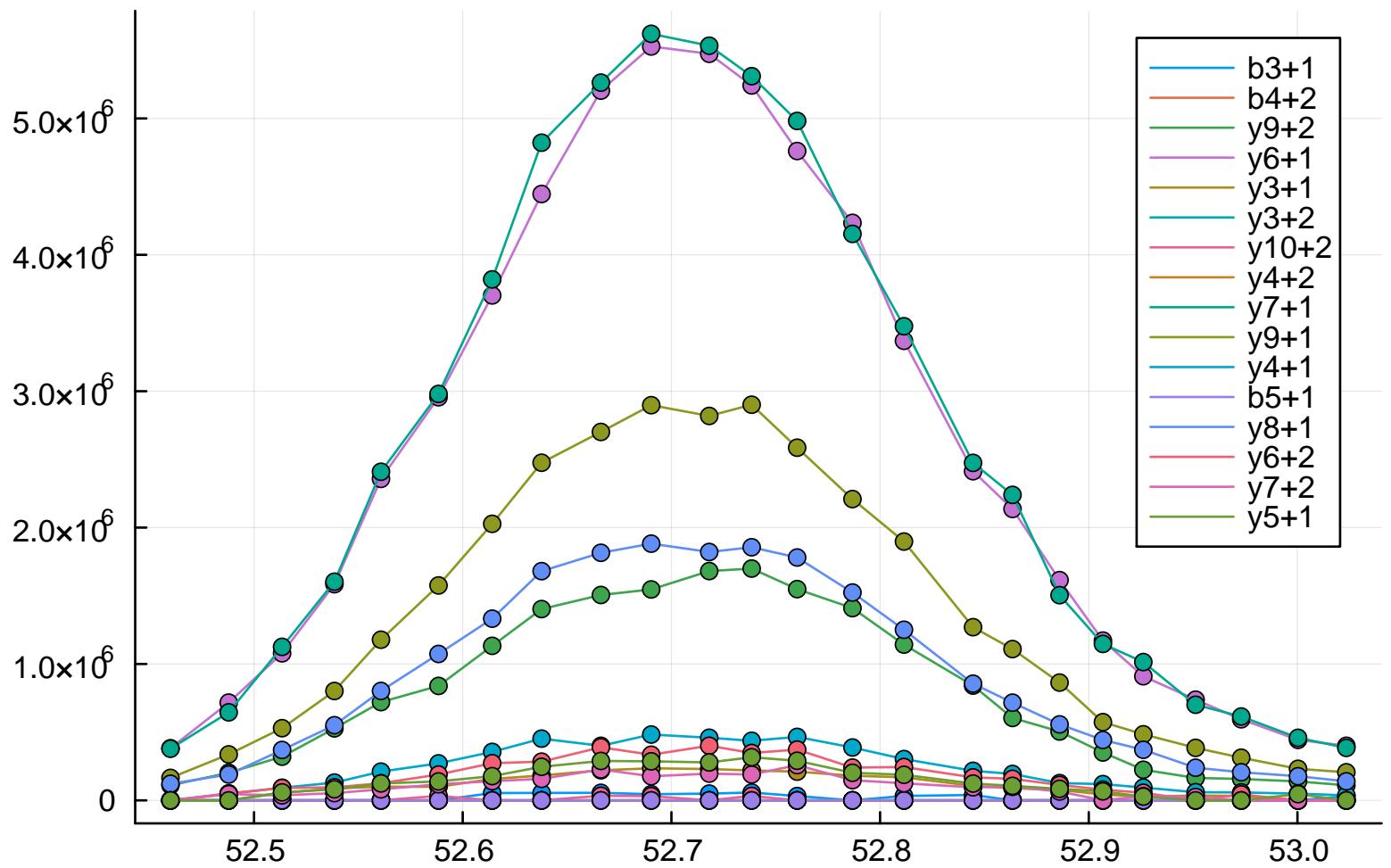
DYRK1B- LQEVLGVQTGGPGGR[Harg]



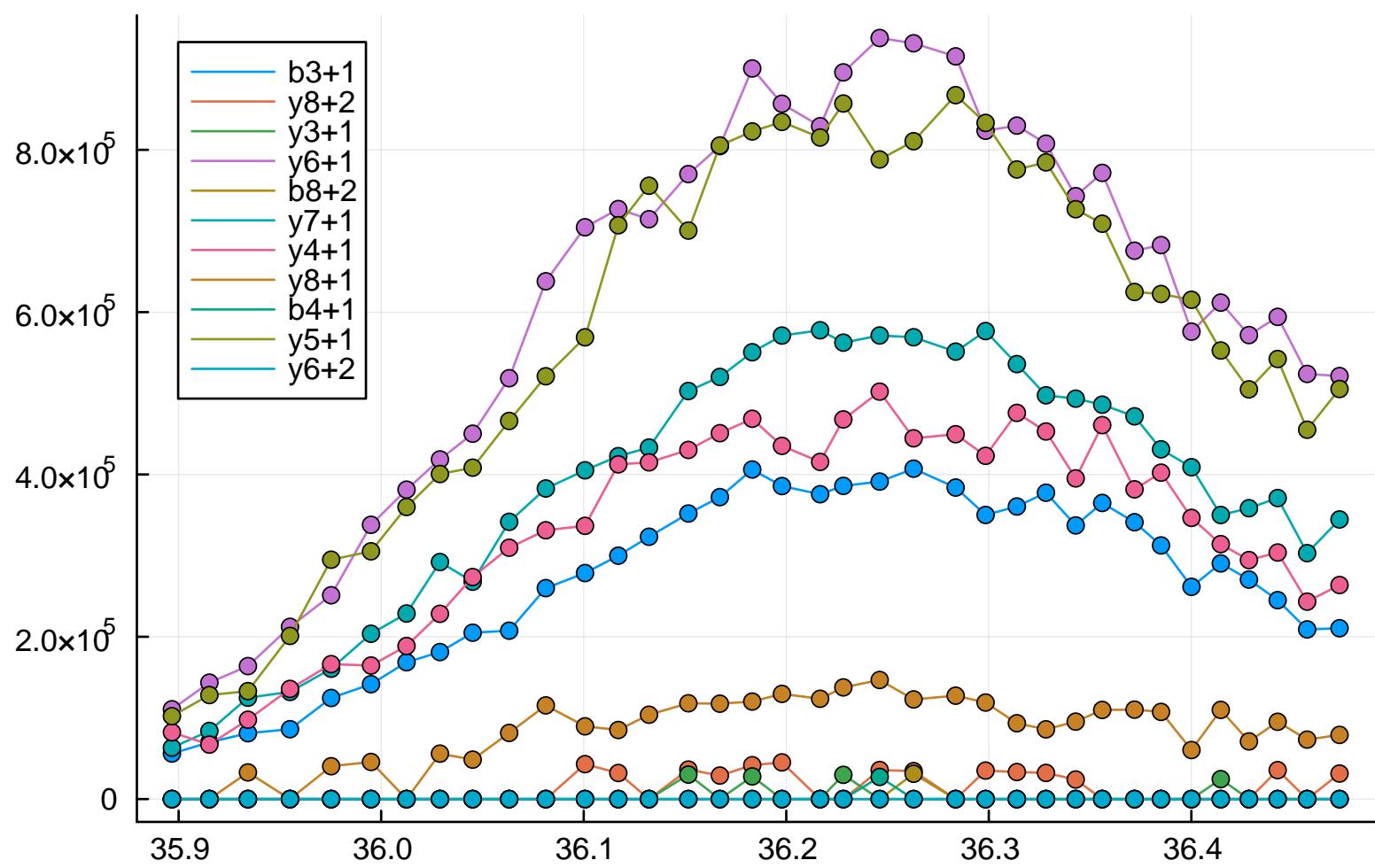
DYRK2- ITESTGAITSISK[Hlys]



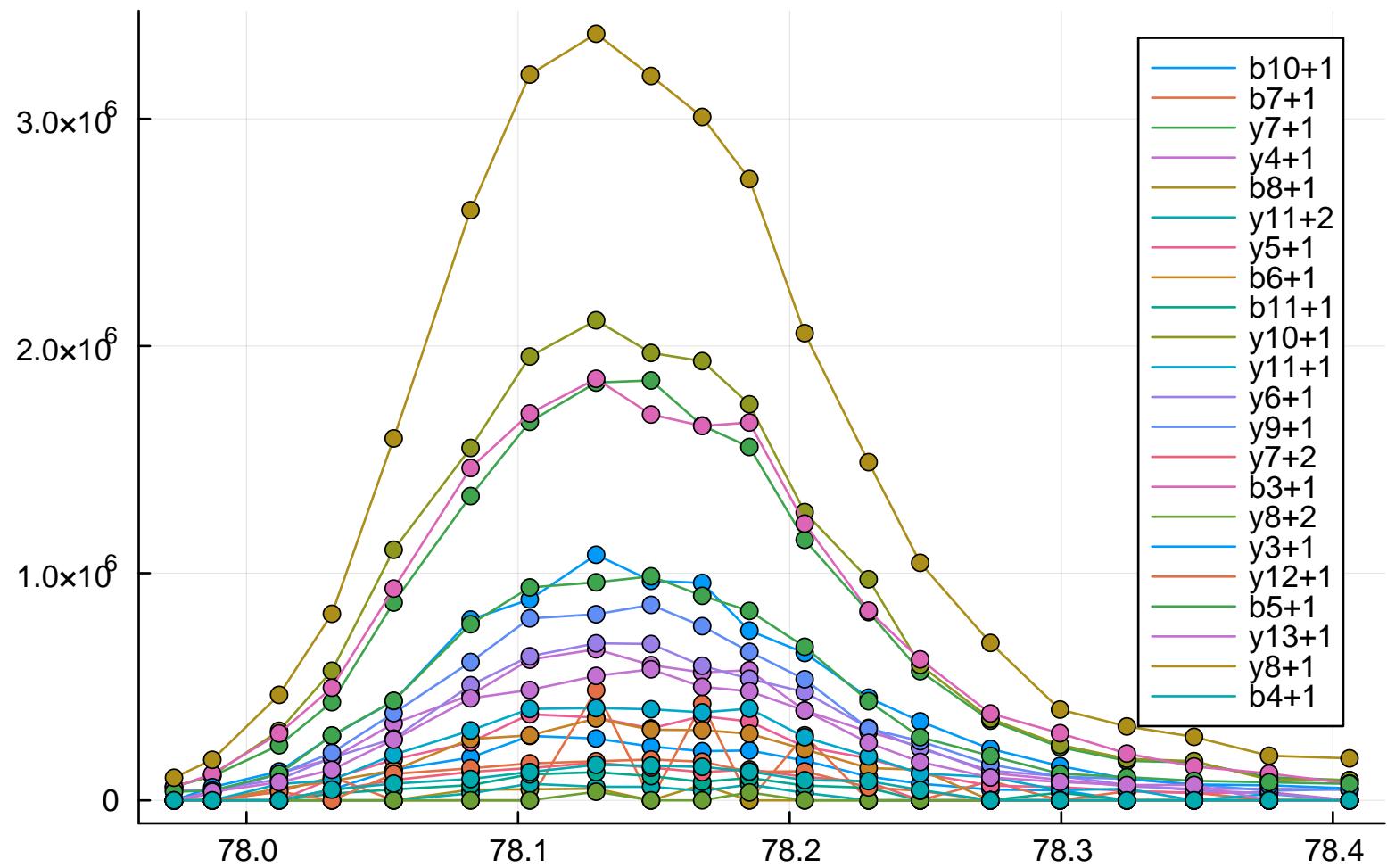
DYRK3- VVPLTPEQALK[Hlys]



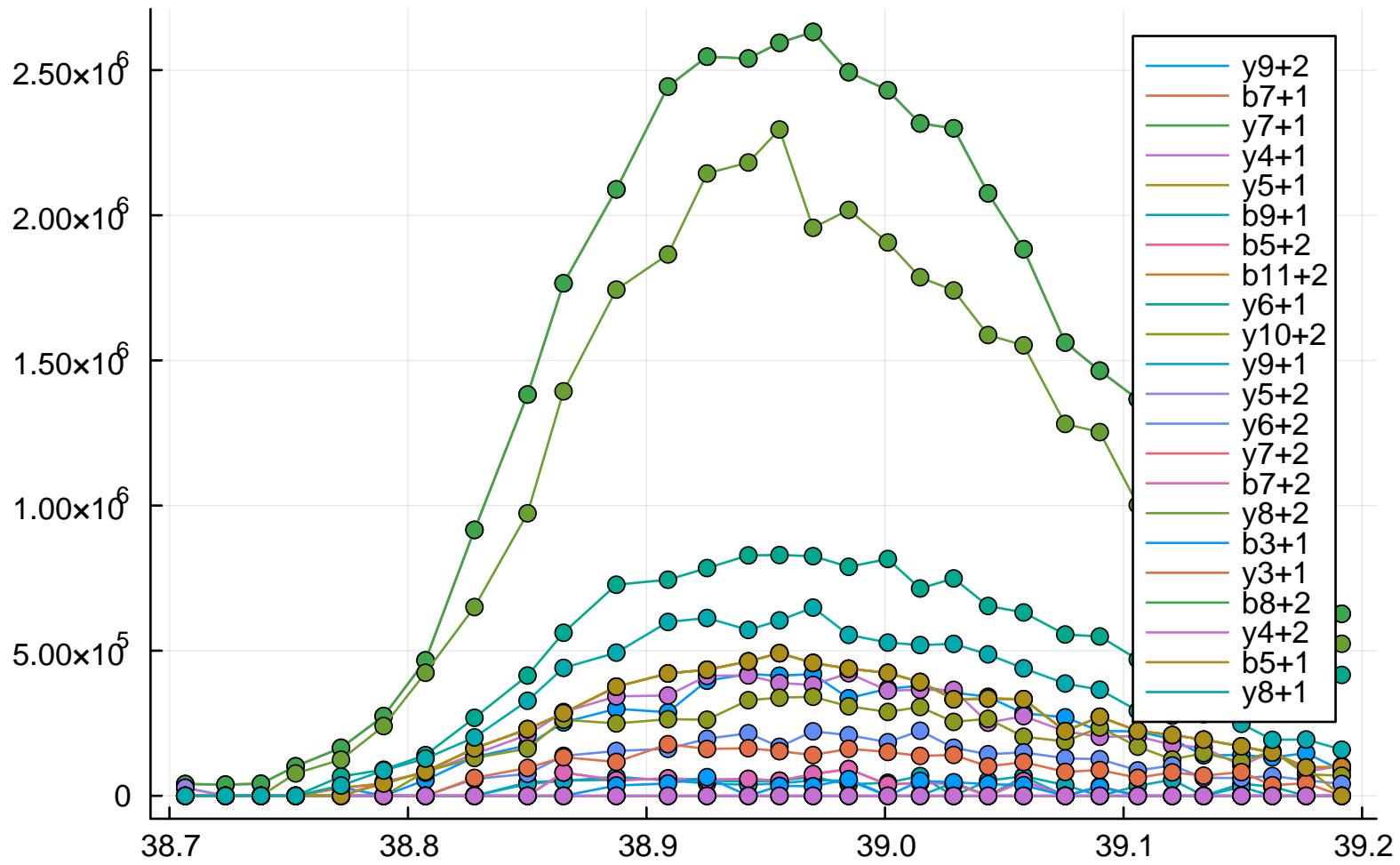
EGFR - C[Carb]NLLEGEPR[Harg]



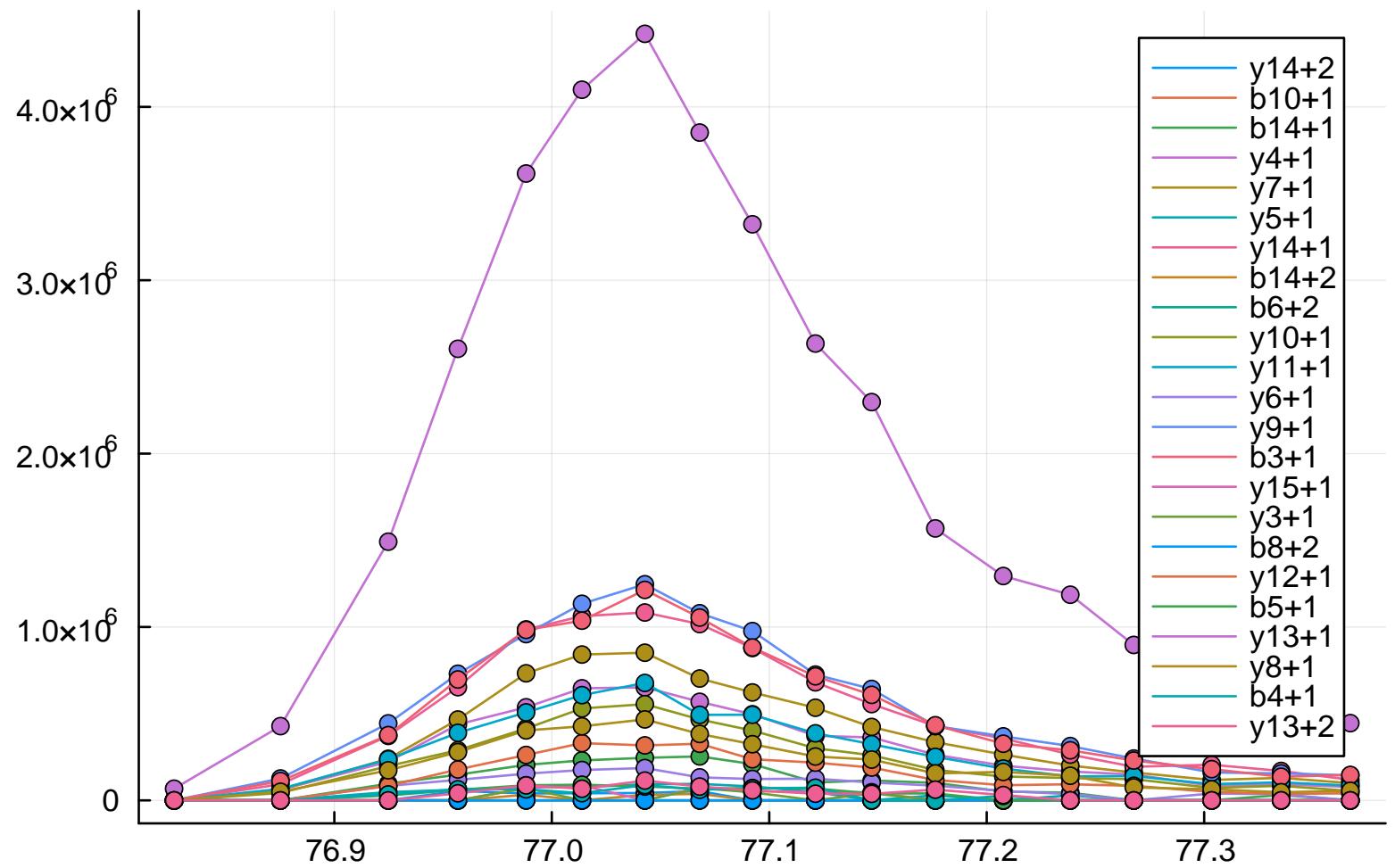
EIF2AK1- IGDFGLAC[Carb]TDILQK[Hlys]



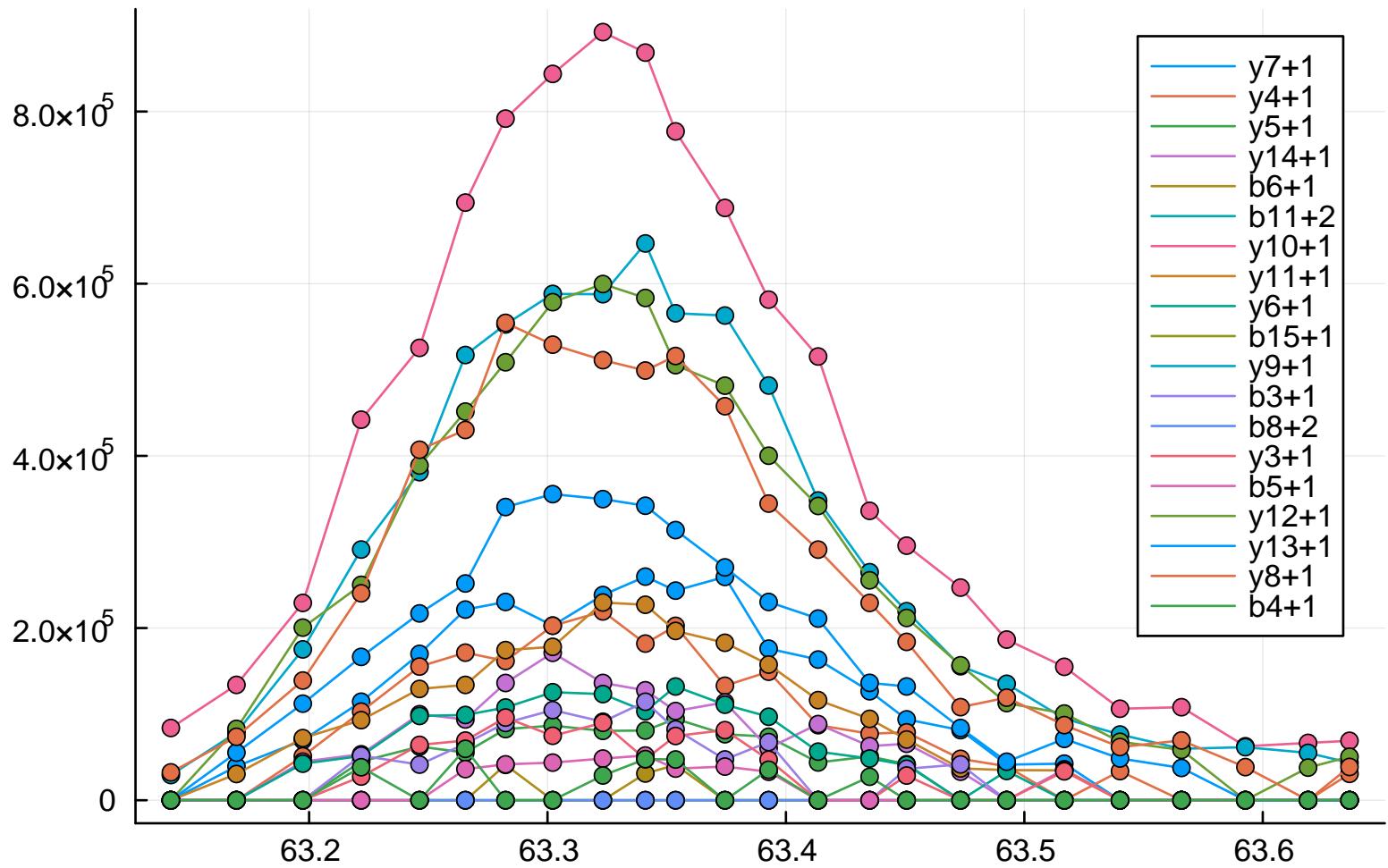
EIF2AK1- NFLHGPDQQVK[H]lys



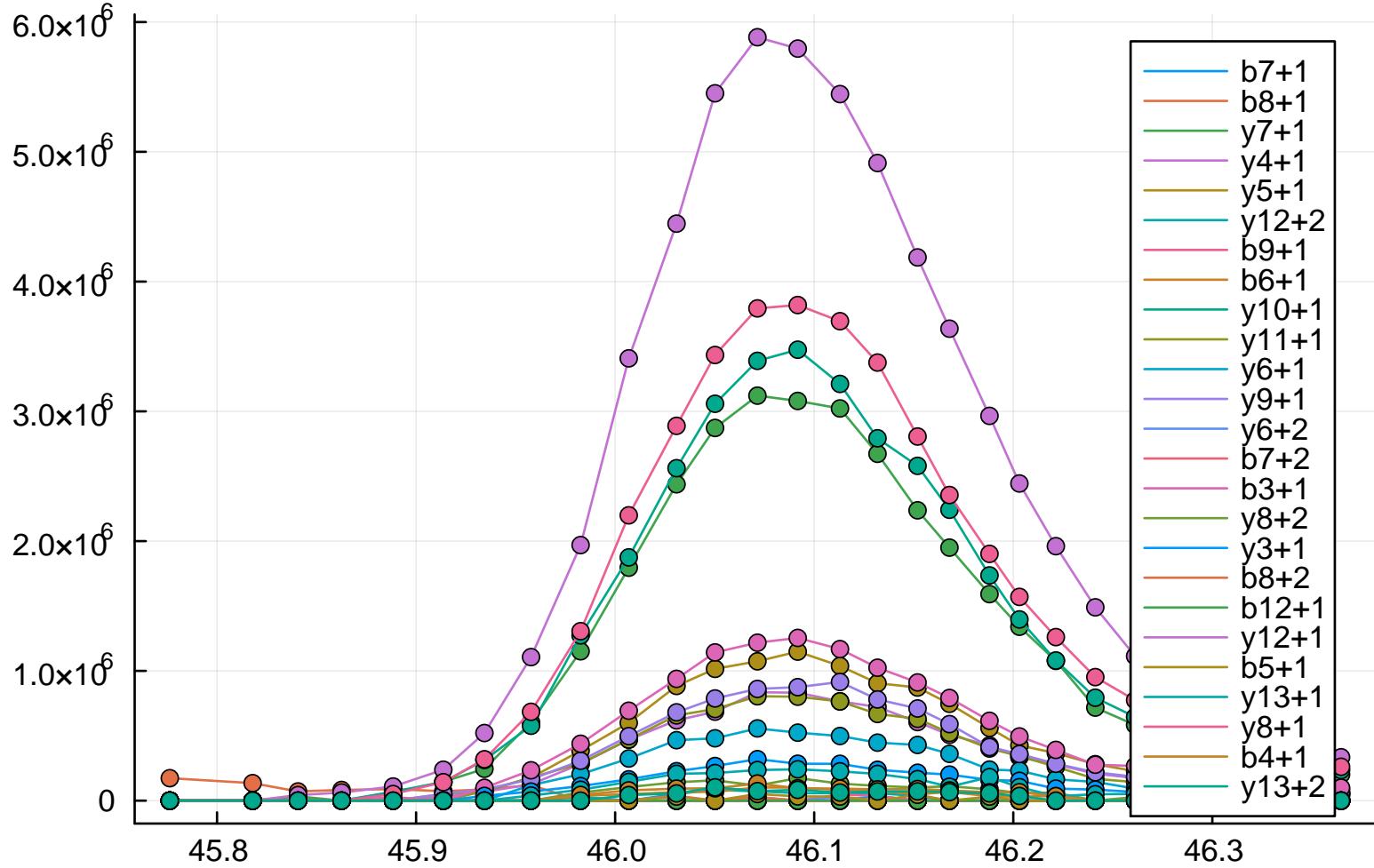
EPHA2- IDTIAPDEITVSSDFEAR[Harg]



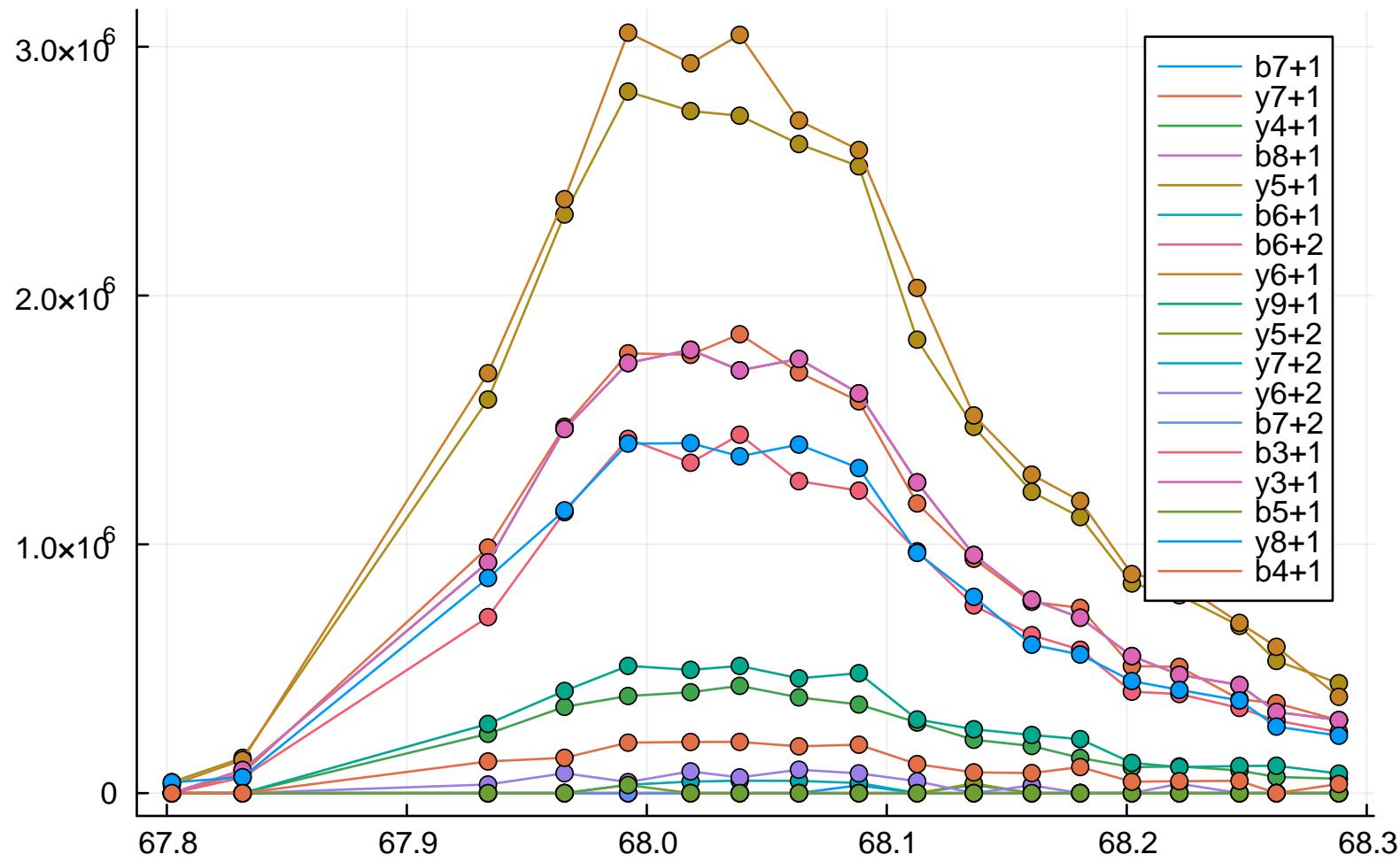
EPHA3- EIFTGVEYSSC[Carb]DTIAK[Hlys]



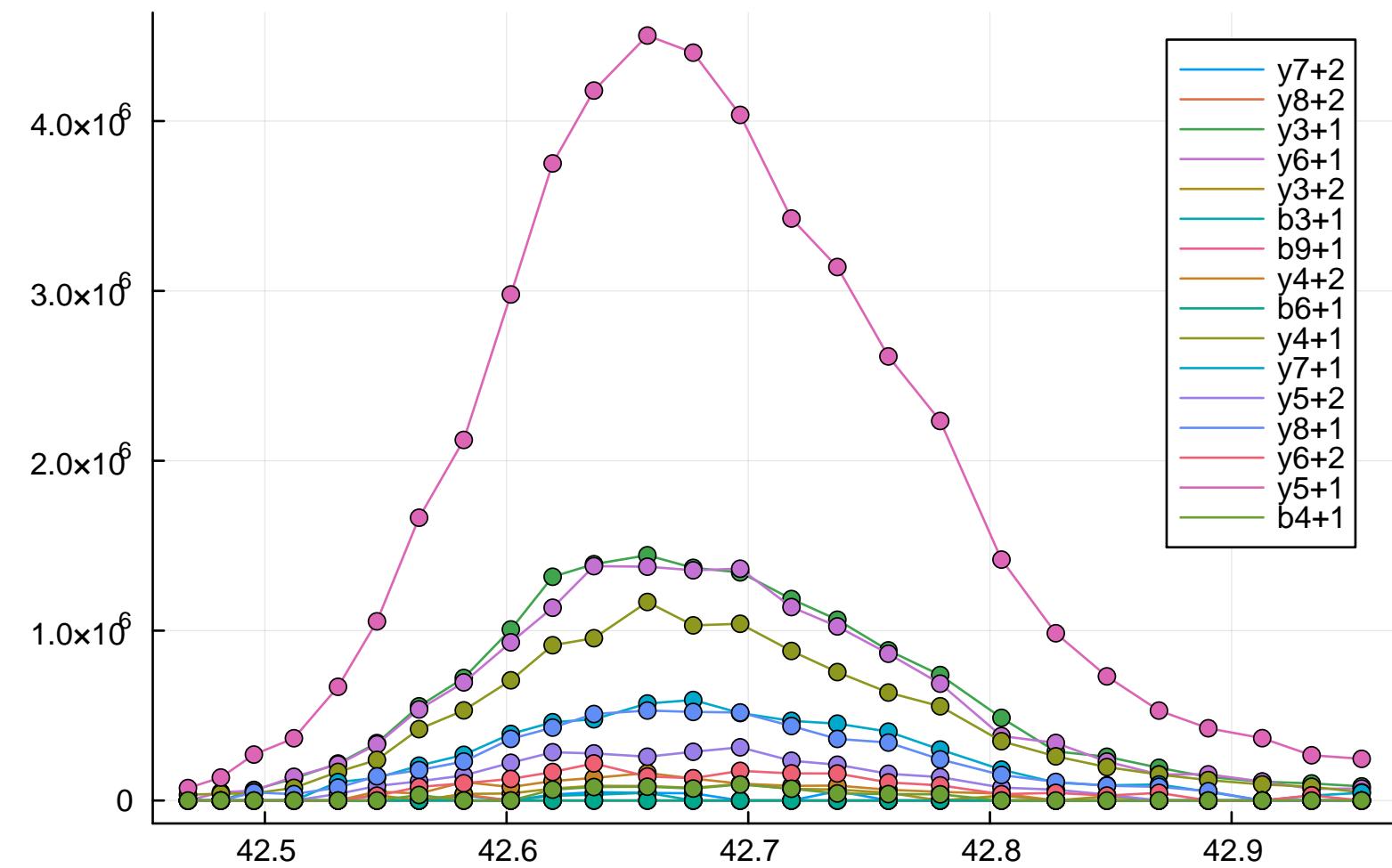
EPHA3- VVGAGEFGEVC[Carb]SGR[Harg]



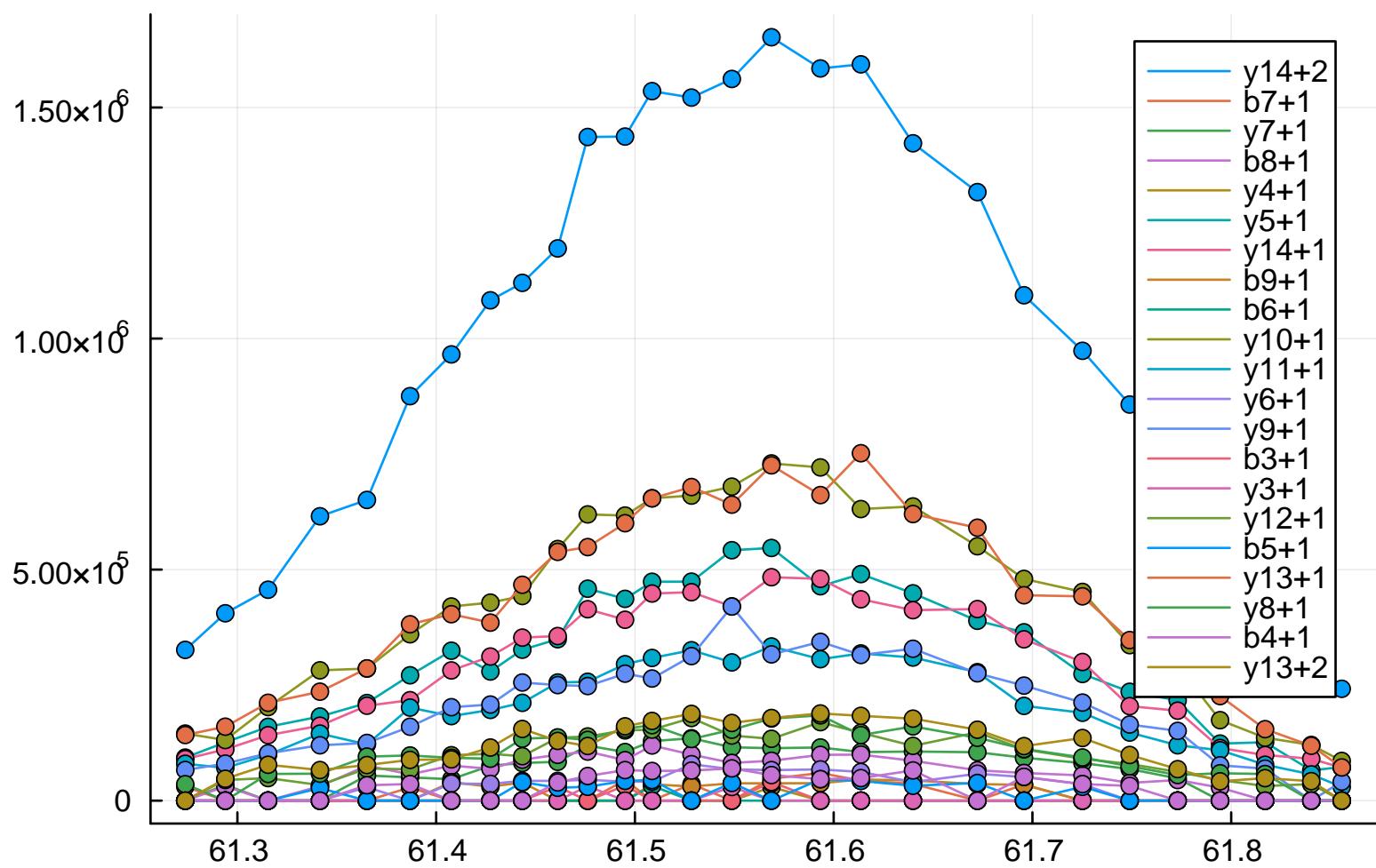
EPHA7- FEQIVGILDK[Hlys]



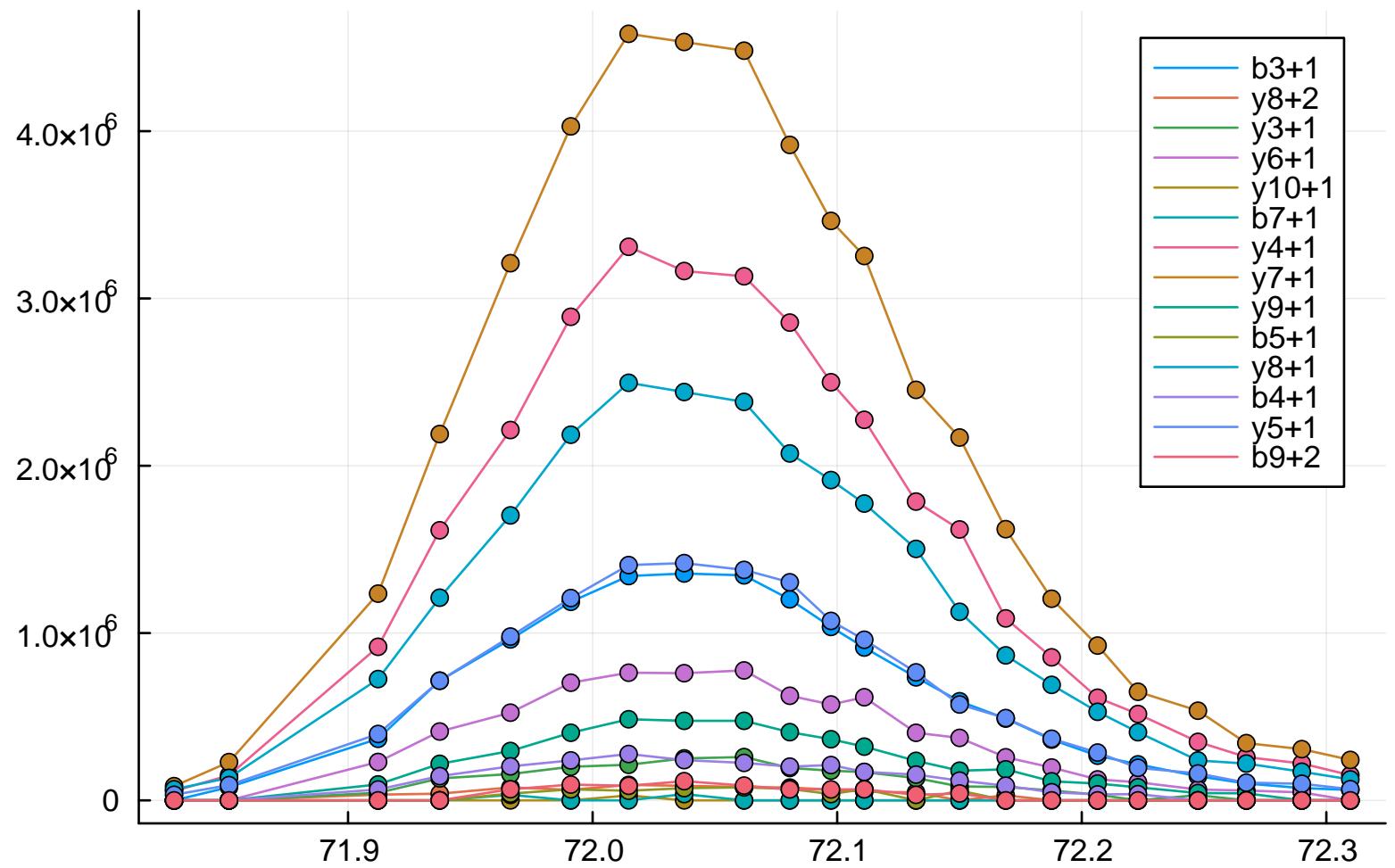
EPHA8- YLSDLGYVHR[Harg]



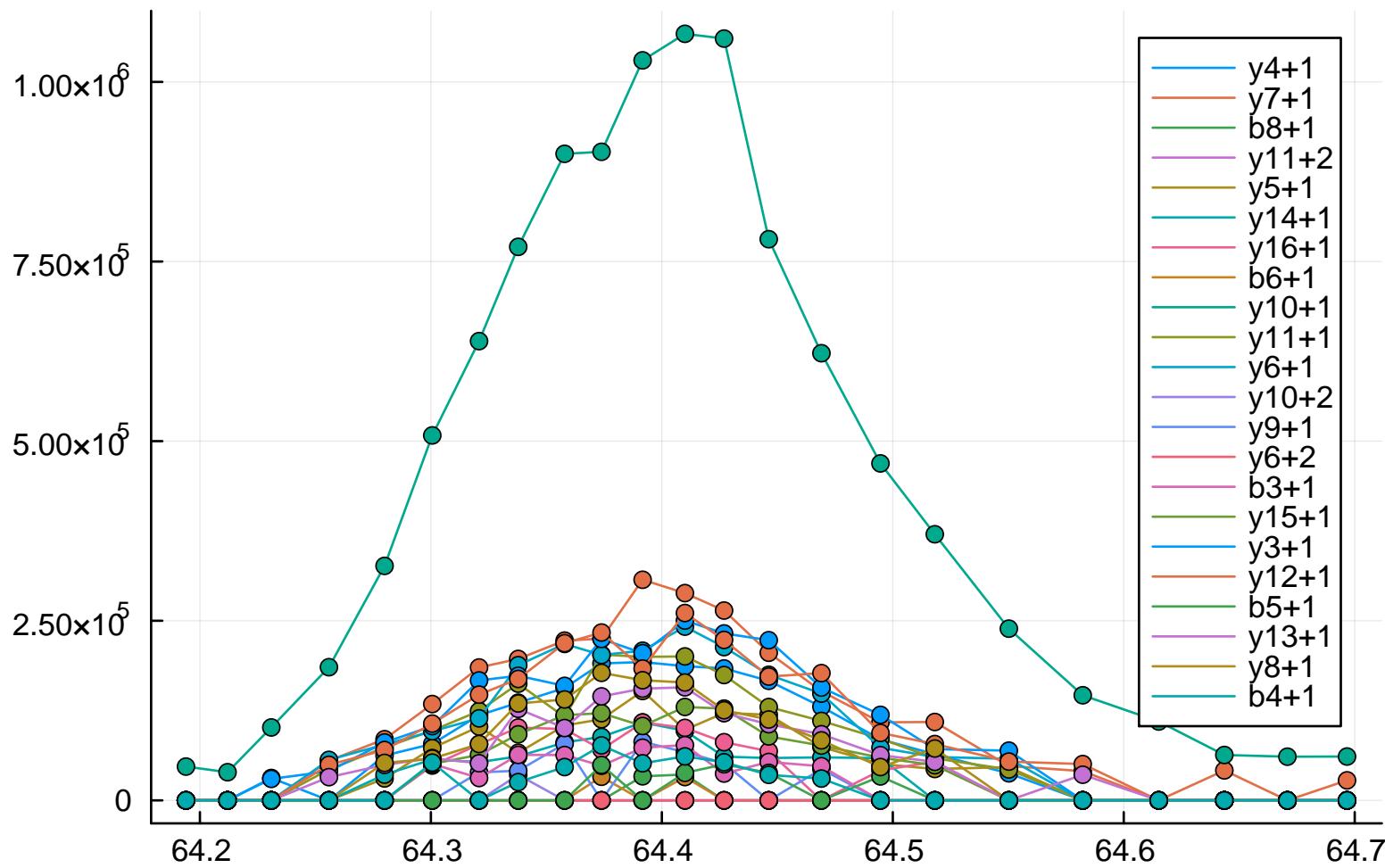
EPHB1- ADFDPPEVAC[Carb]TSVPSGPR[Harg]



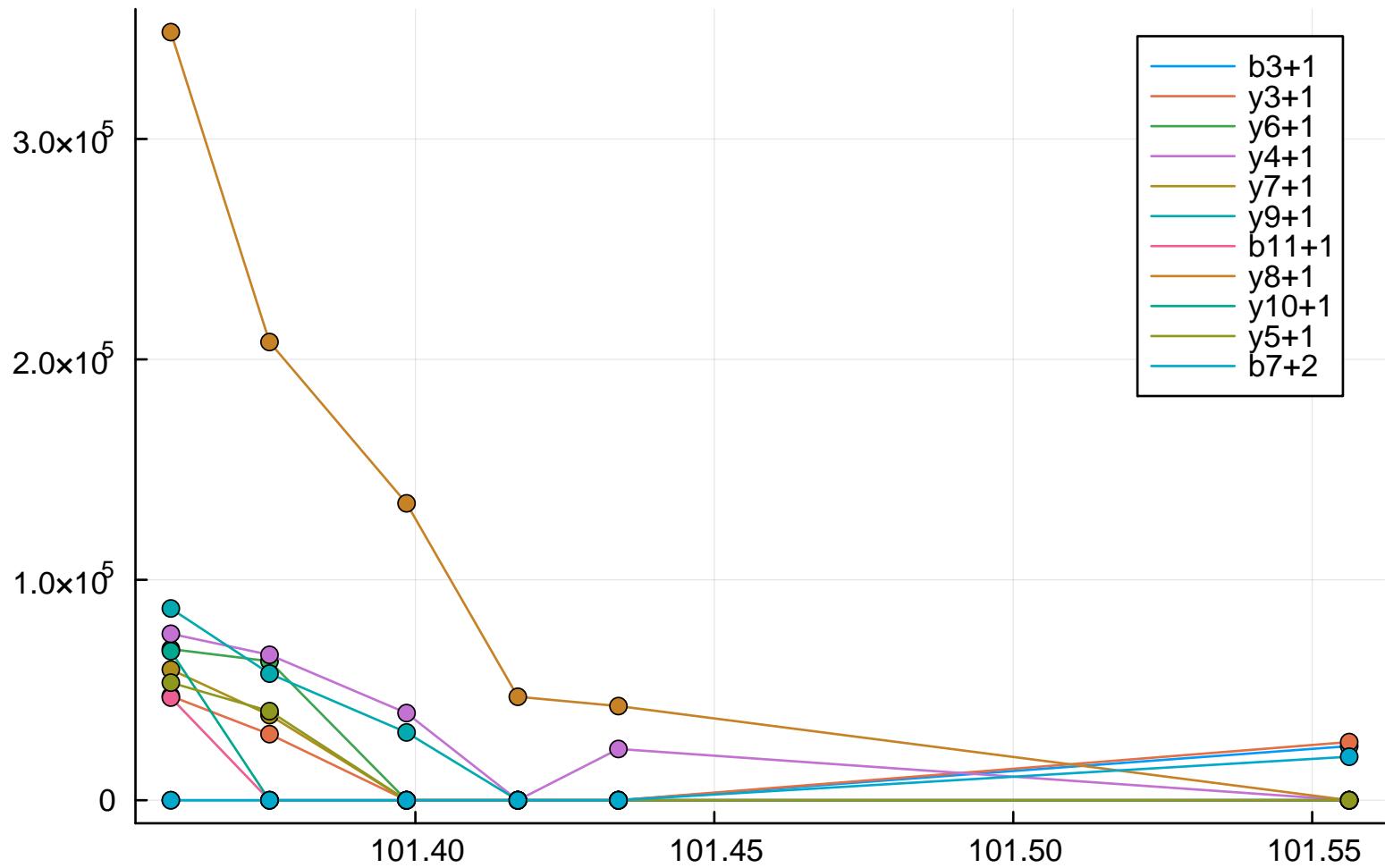
EPHB1- SAFWSEAPYLK[Hlys]



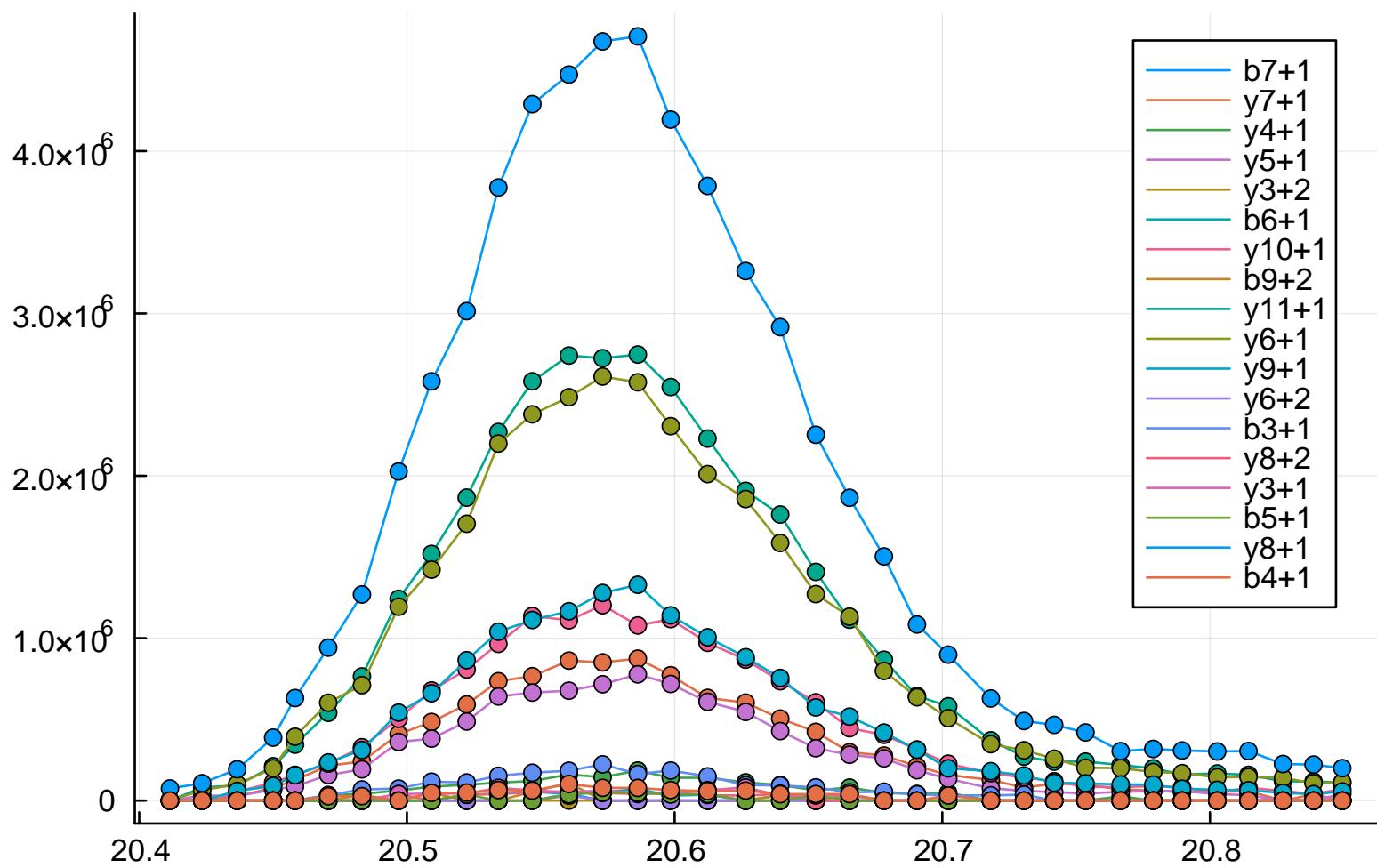
EPHB2- FLEDDTSPTYTSALGGK[Hlys]



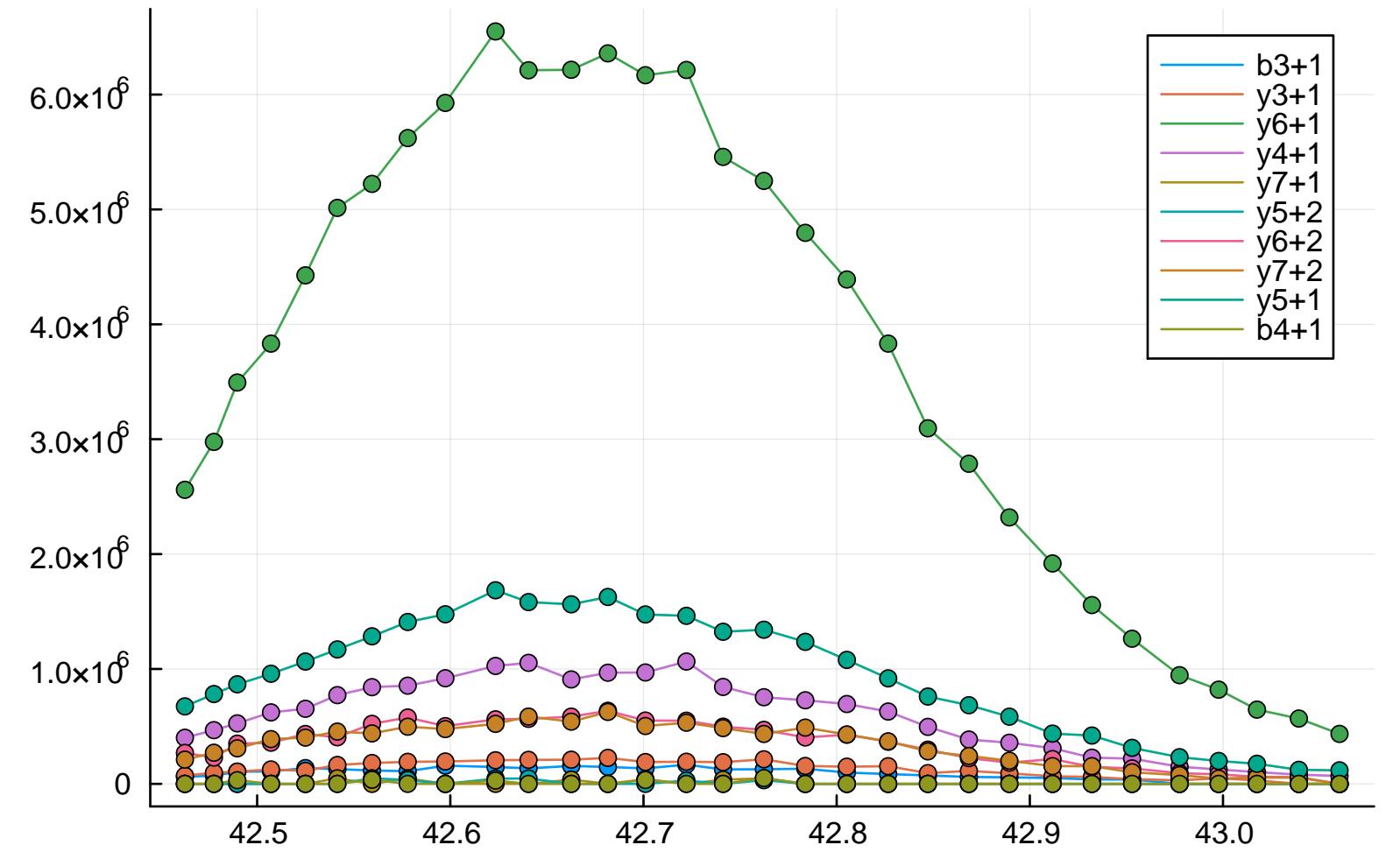
EPHB3- TVPDYTTFTTVGDWLDAIK[Hlys]



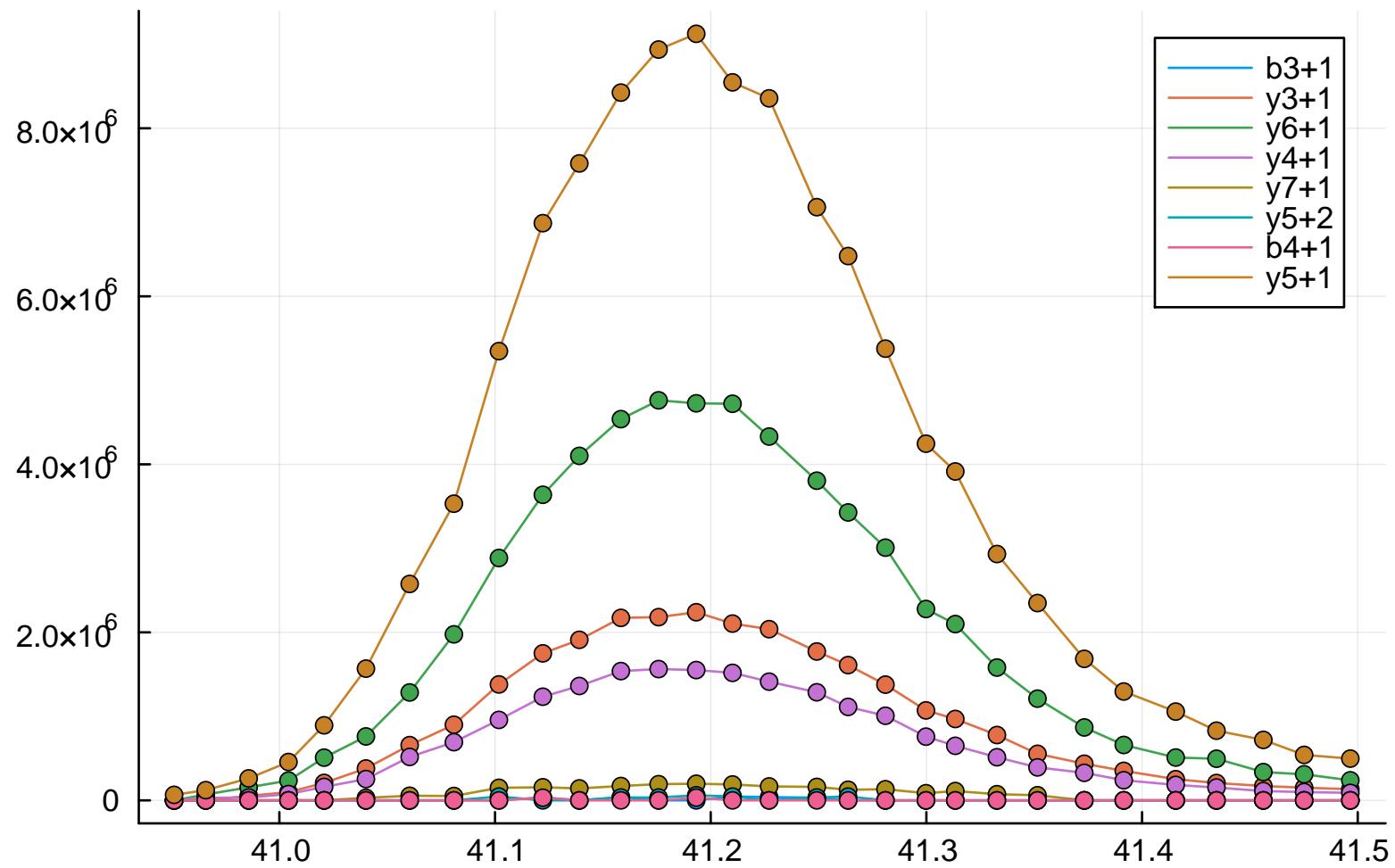
EPHB6- AC[Carb]SSLGVSGGTC[Carb]R[Harg]



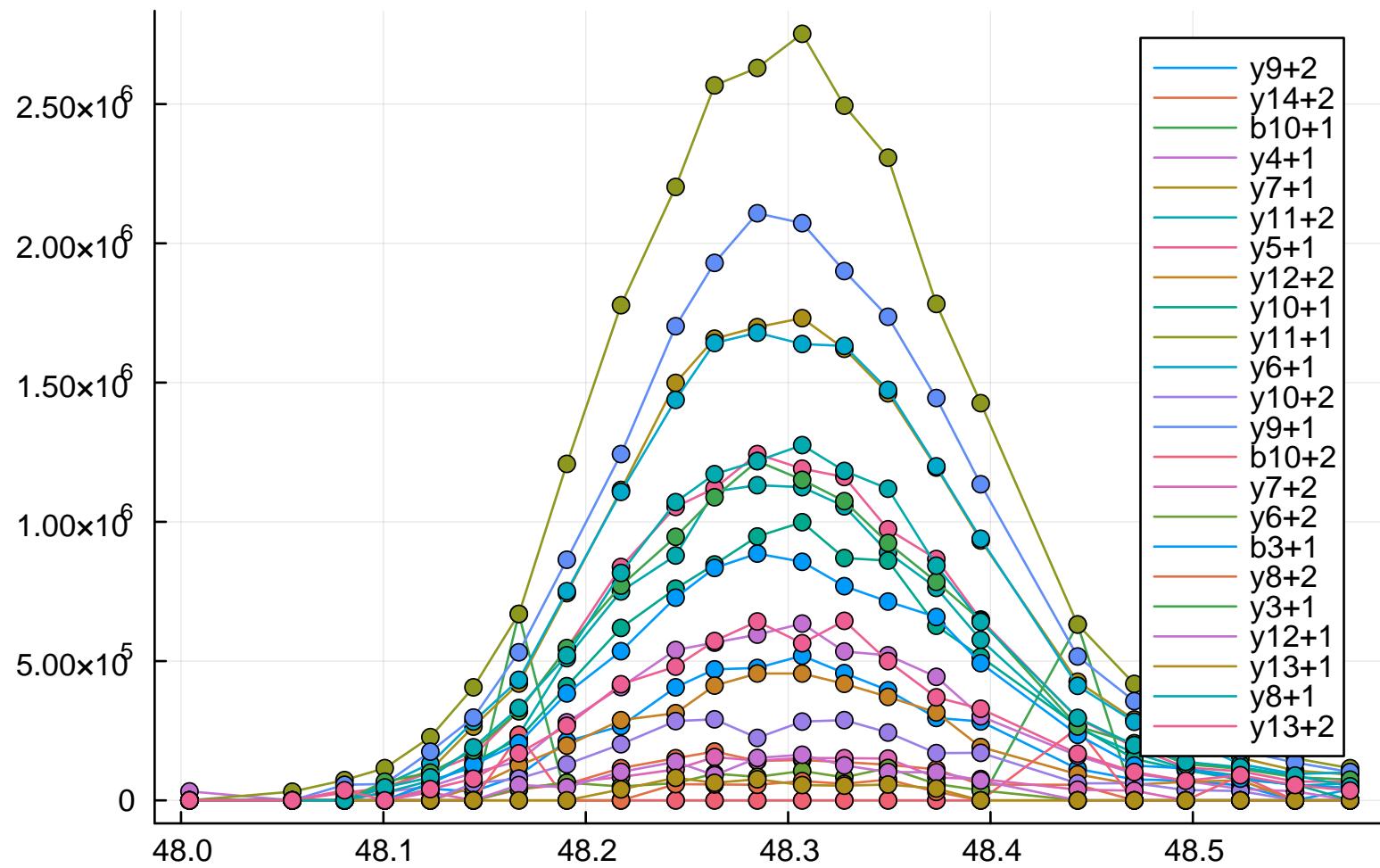
ERBB2- DPPFC[Carb]VAR[Harg]



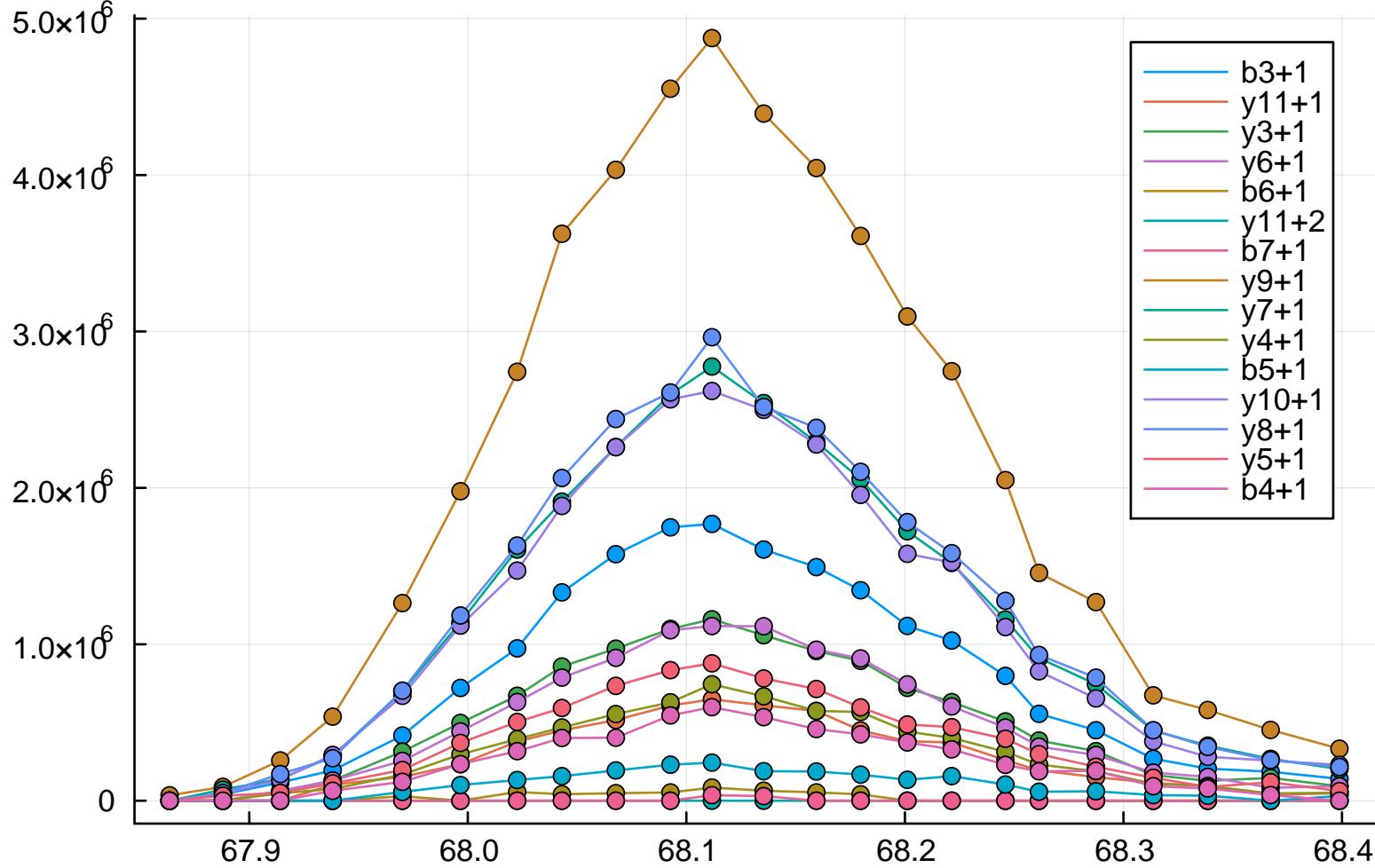
ERBB2- ELVSEFSR[Harg]



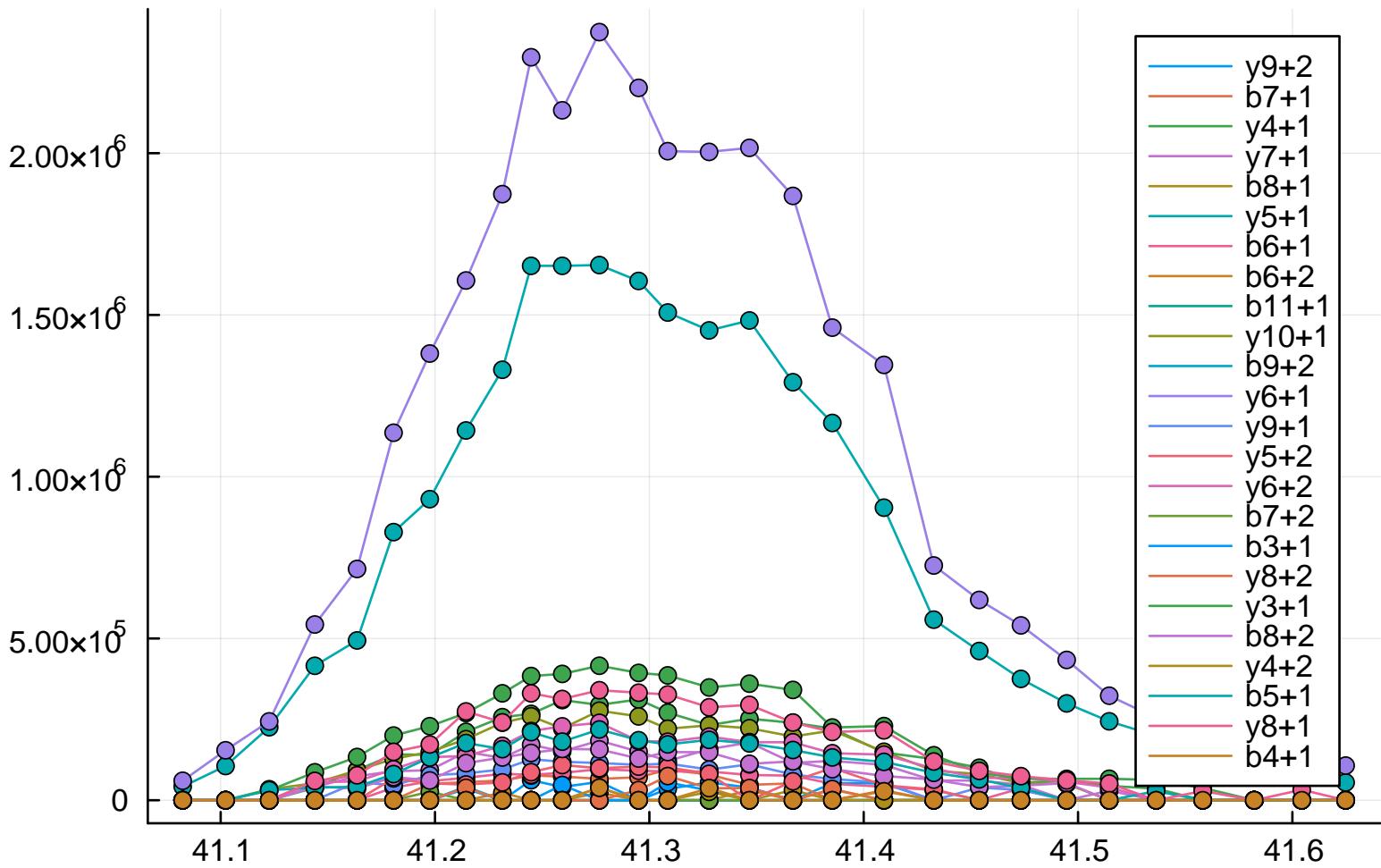
ERBB2- LLDIDETEYHADGGK[Hlys]



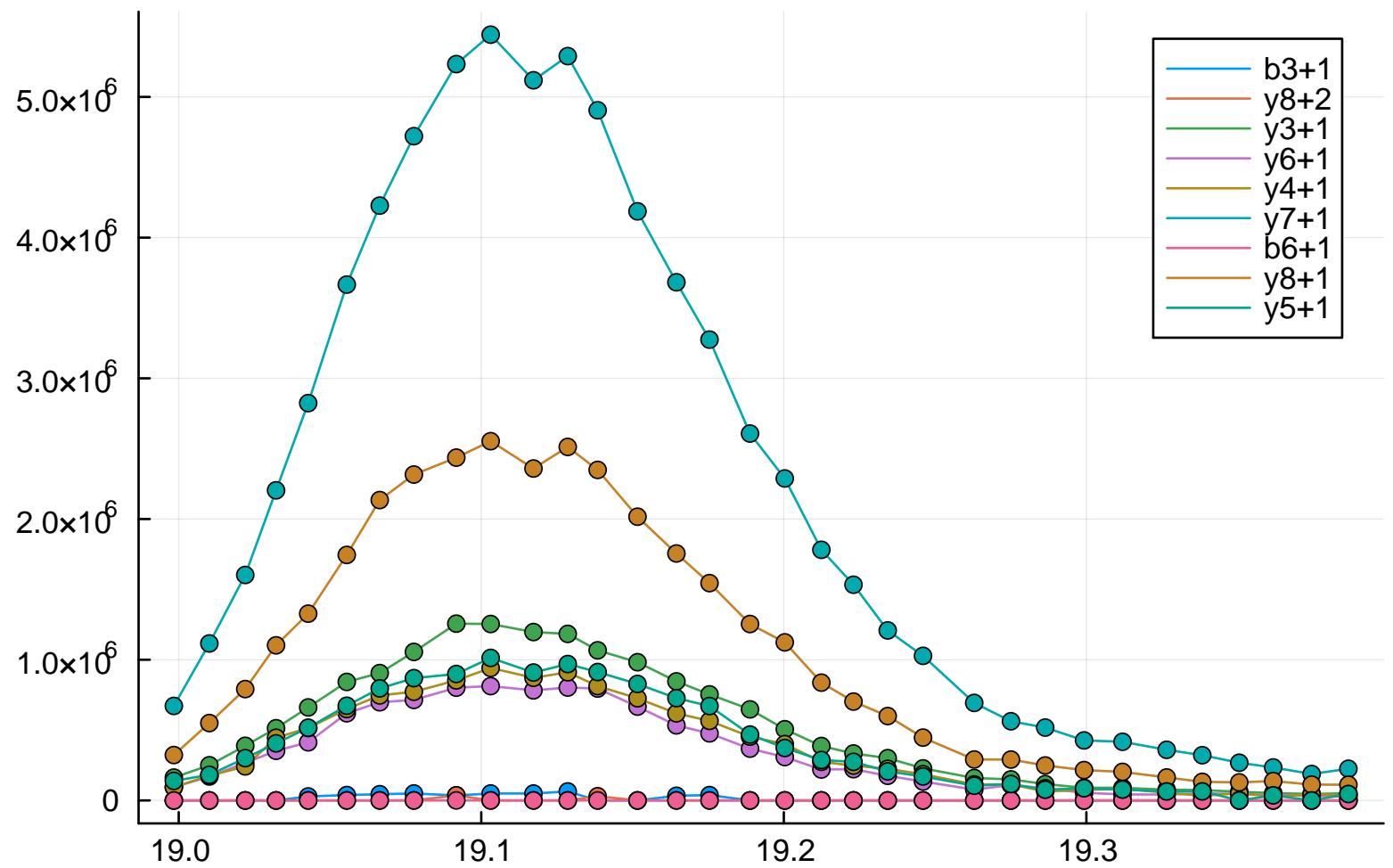
ERBB2- NNQLALTLIDTNR[Harg]



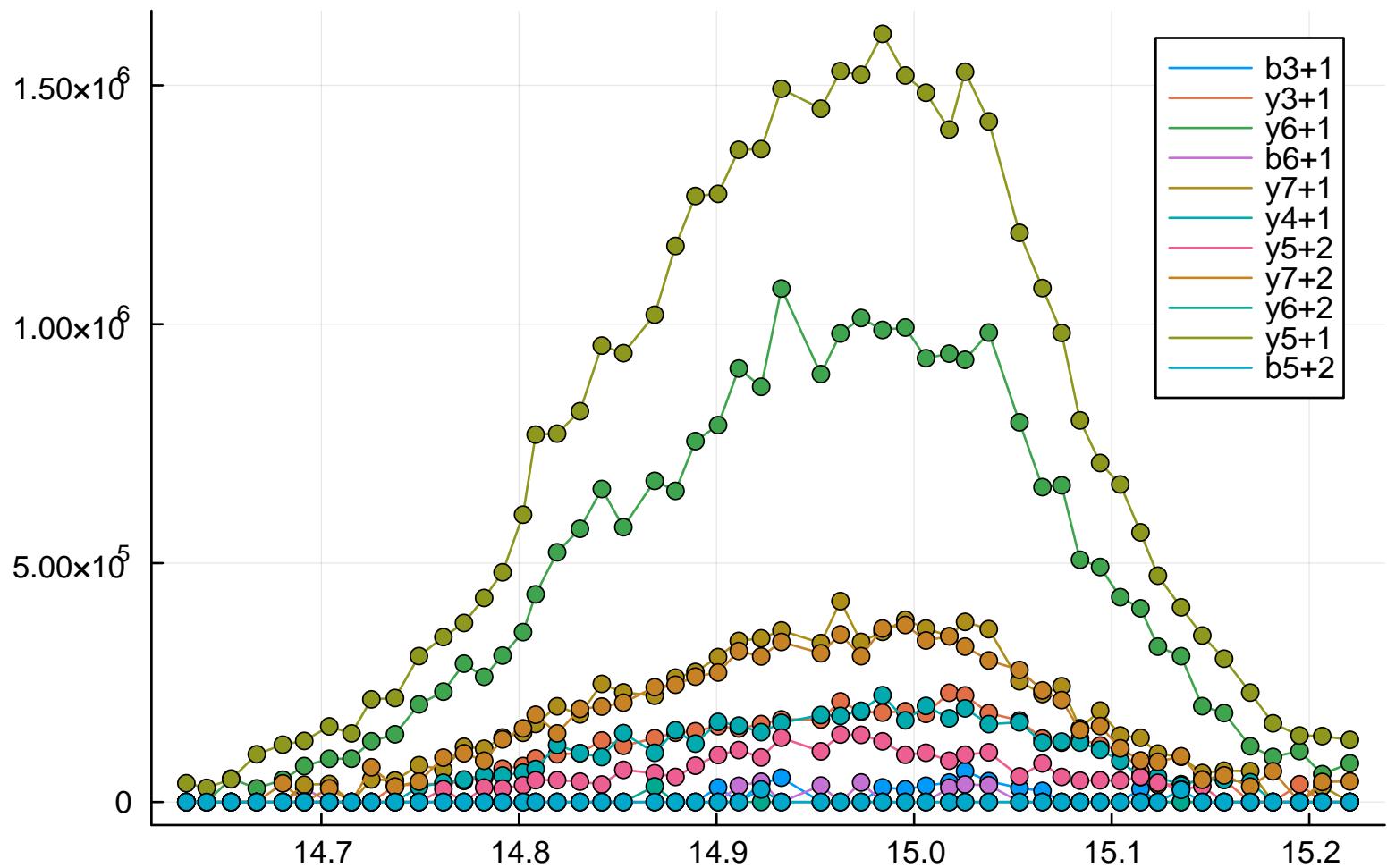
ERBB3- VLGSGVFGTVHK[Hlys]



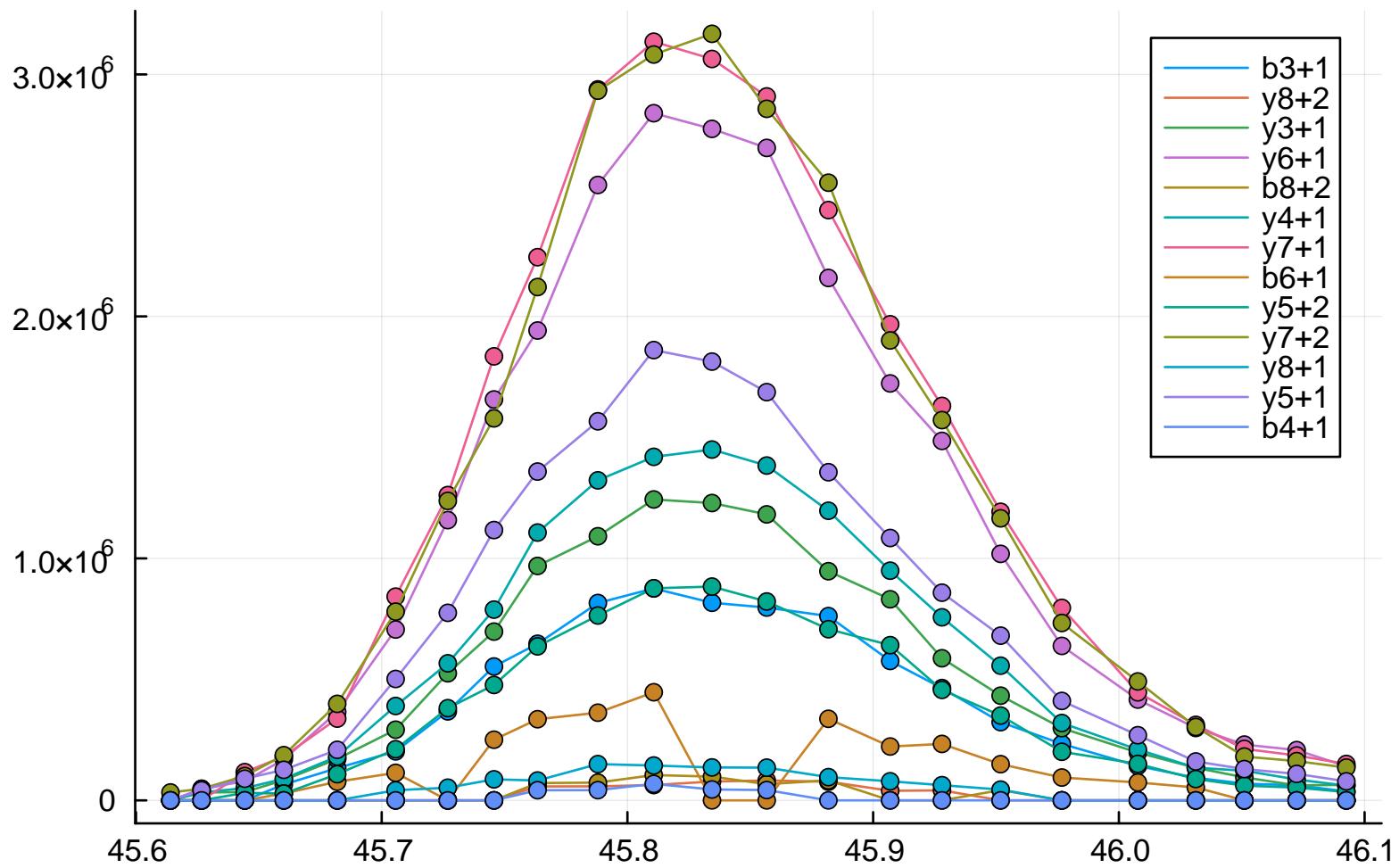
ERBB4- ILNETTGP[KHlys]



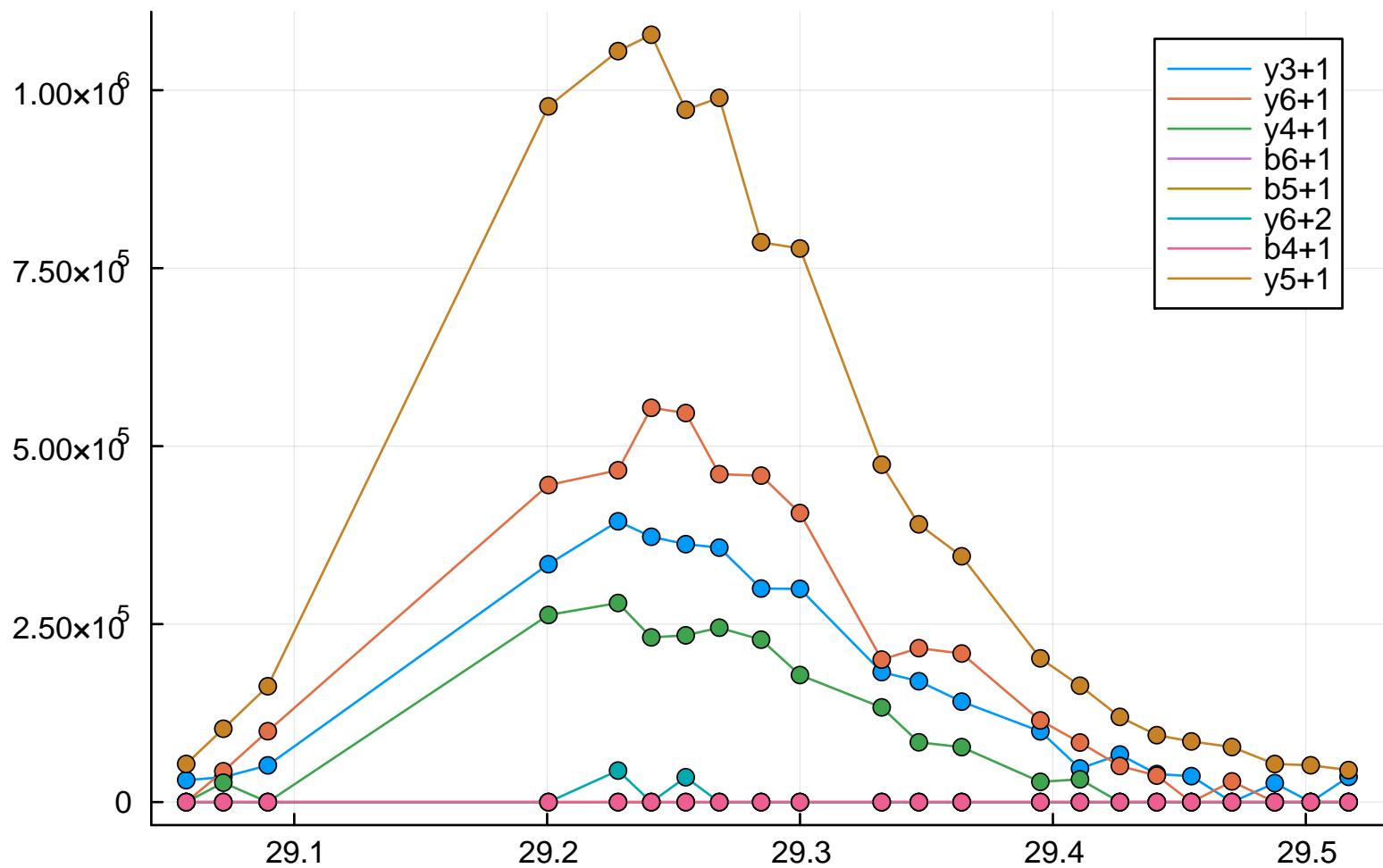
ERBB4- LPSPNDSK[HIys]



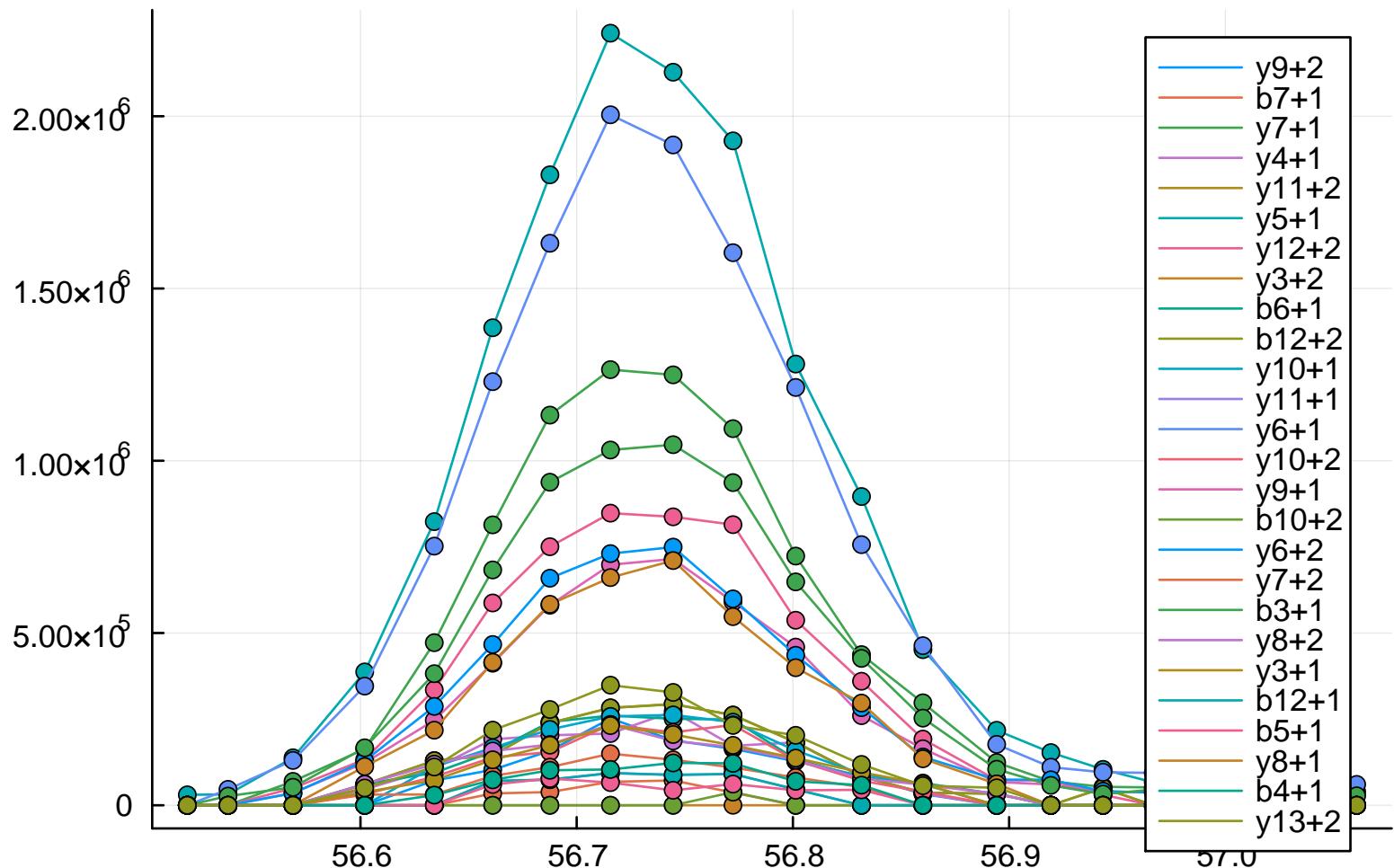
ERN1- LTPTLYVGK[H]lys



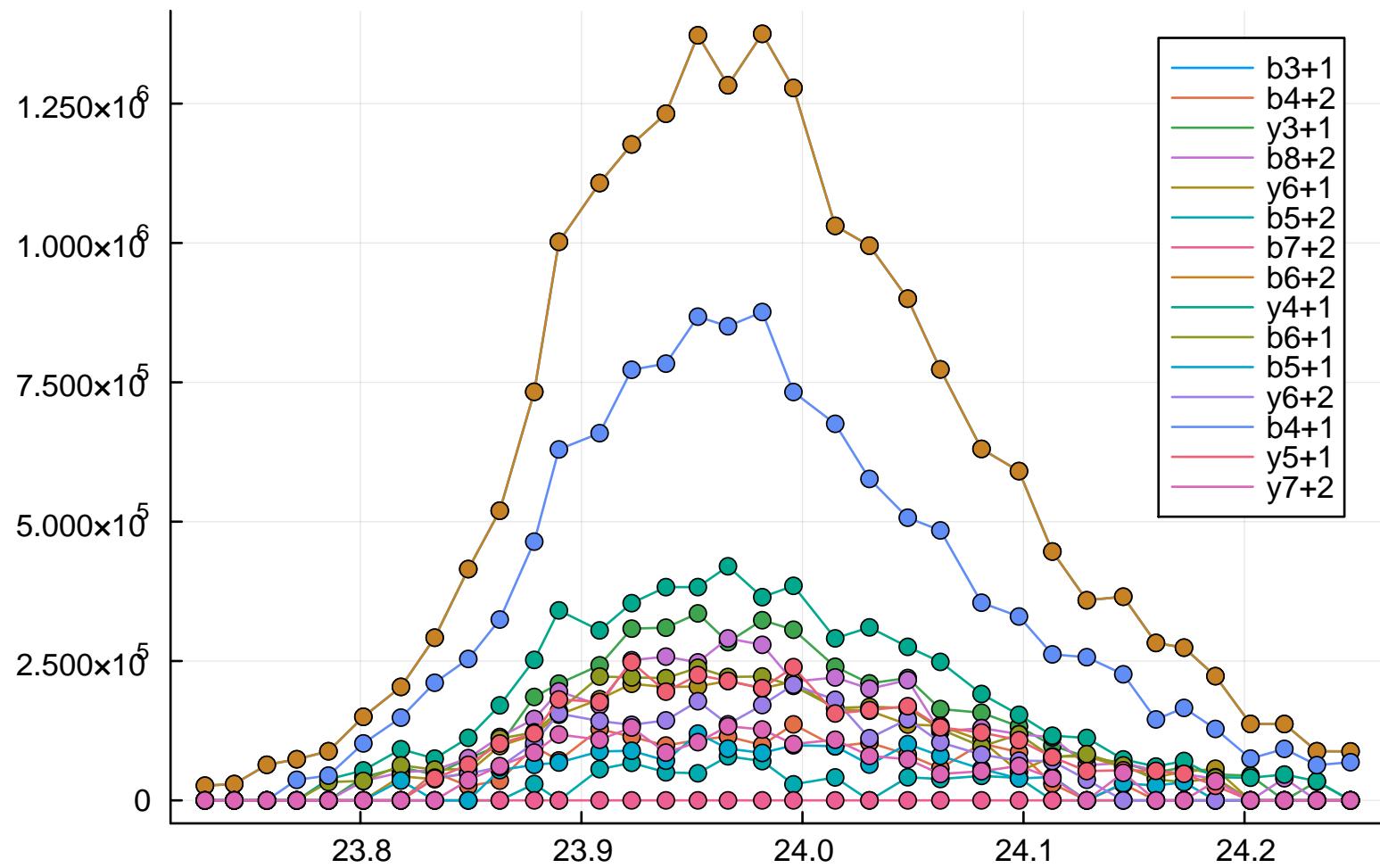
FER- GNFGEVYK[Hlys]



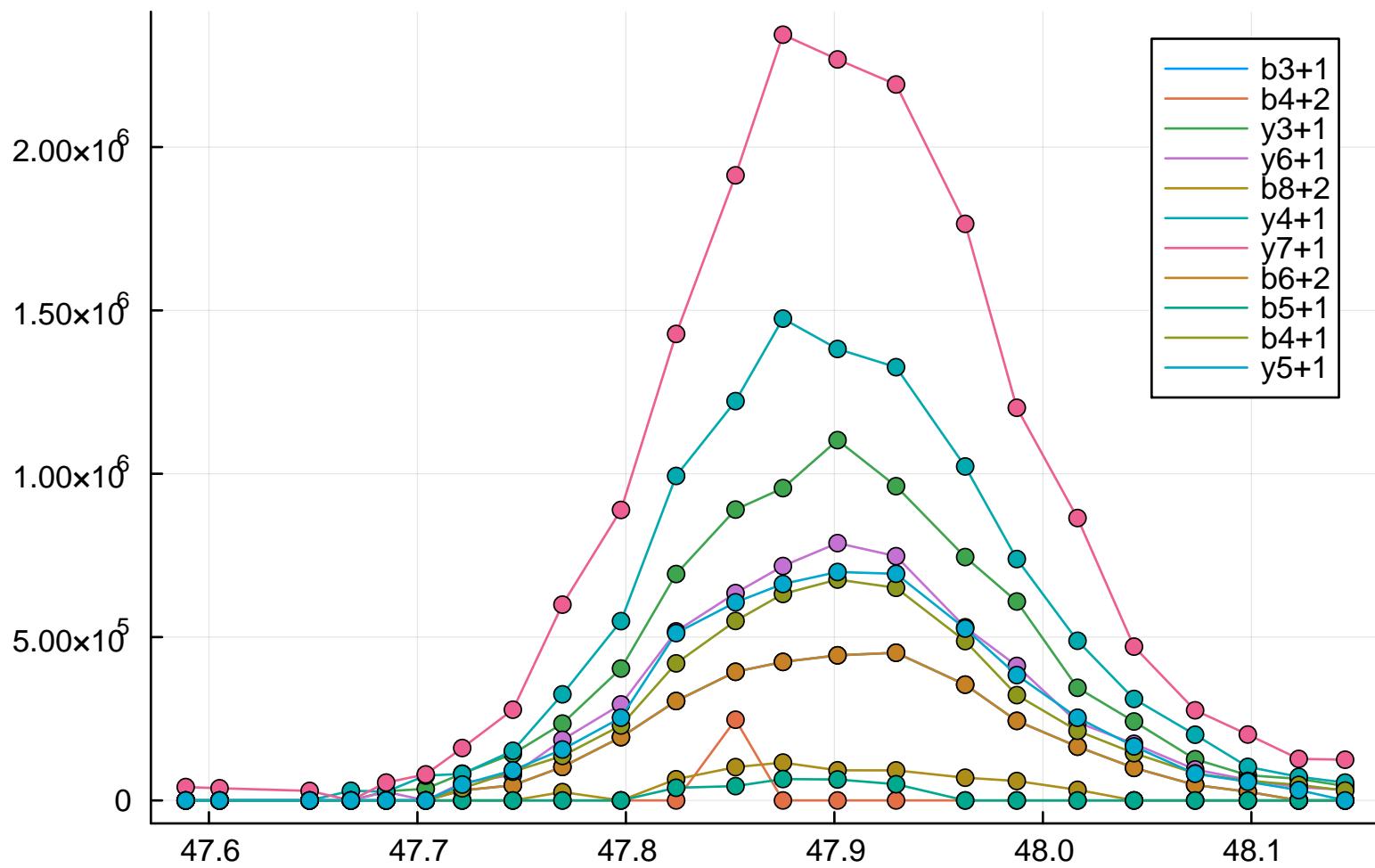
FER- PLAEQDWYHGAIPR[Harg]



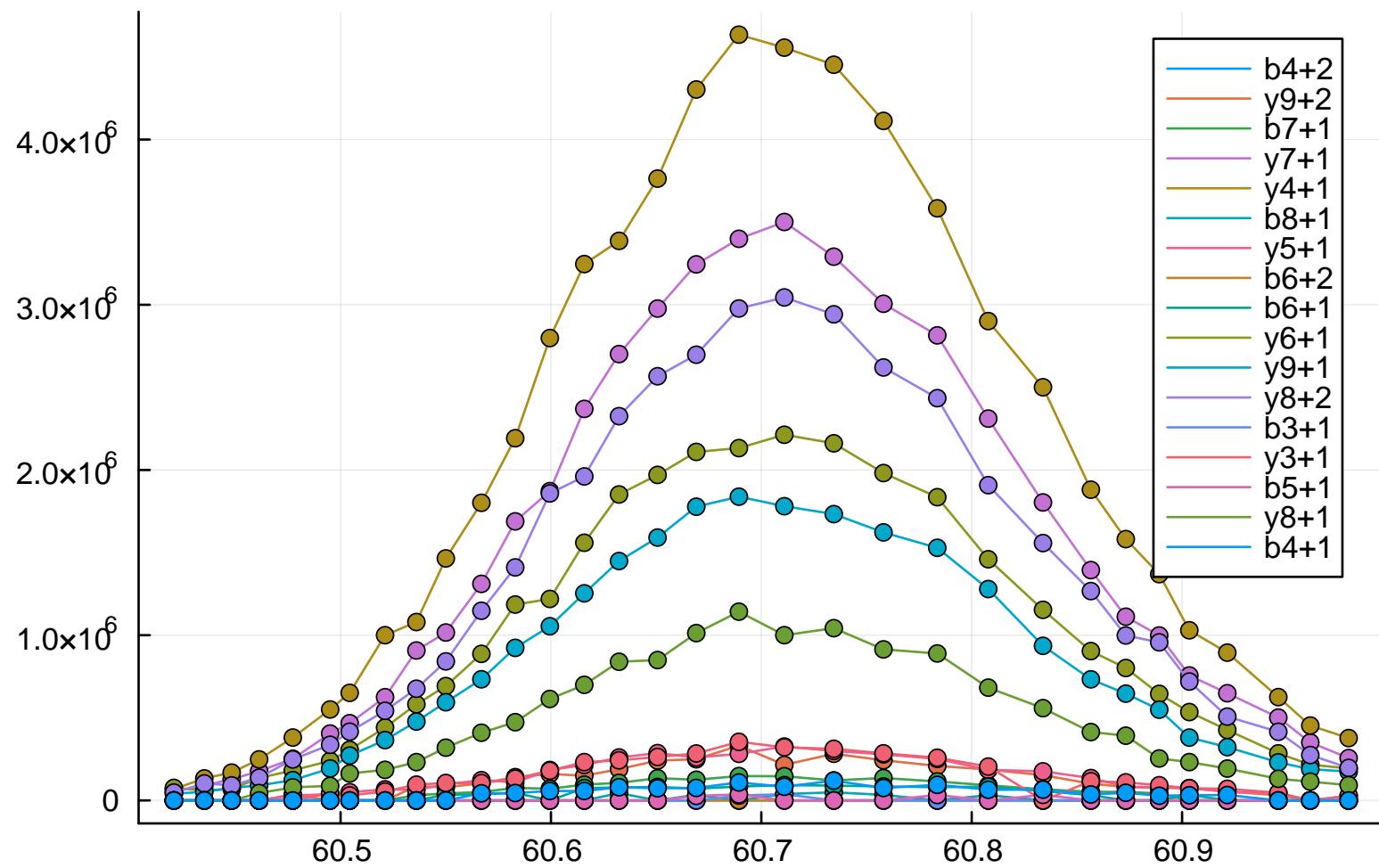
FGFR1- DIHHIDYYK[Hlys]



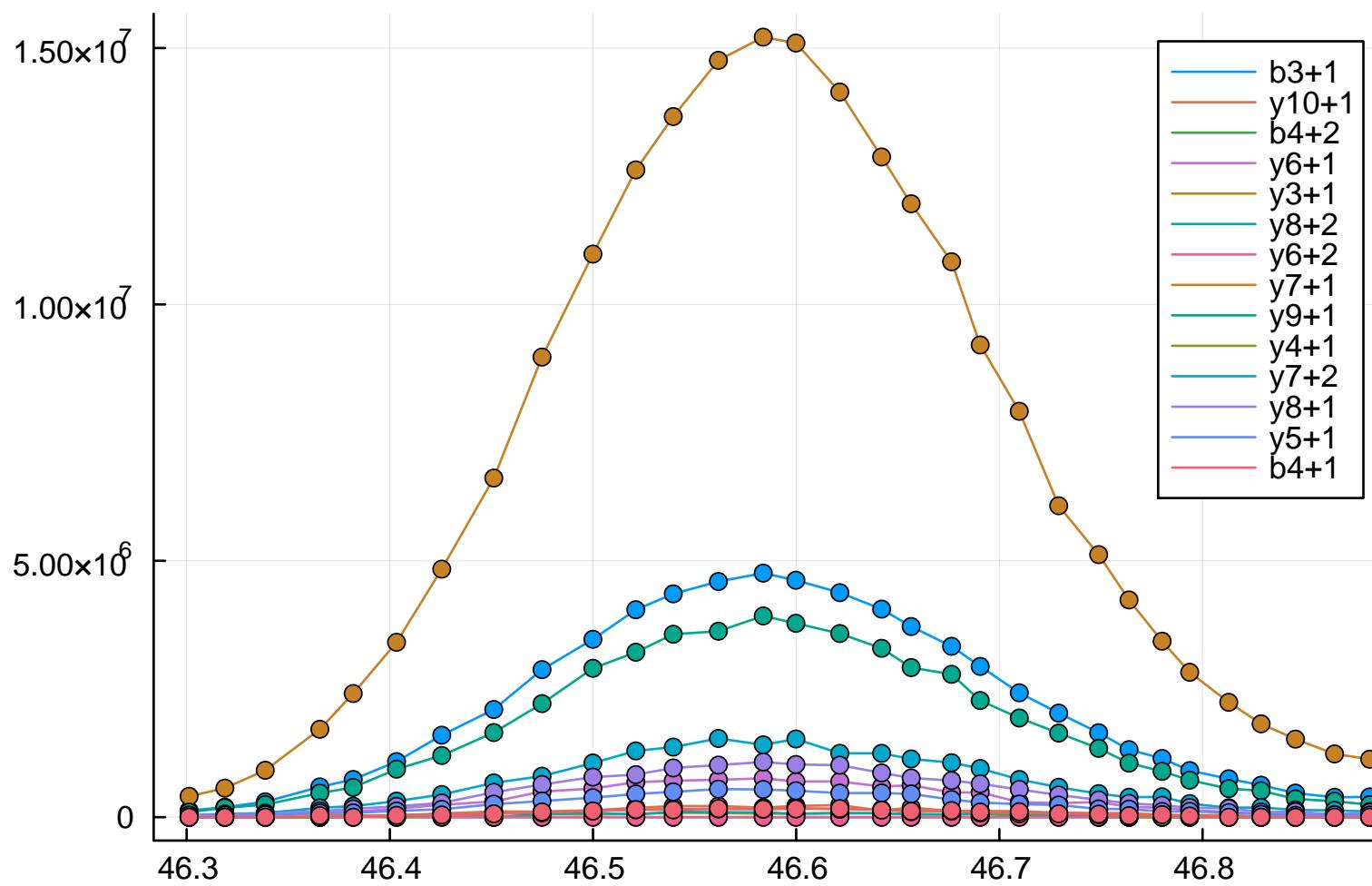
FGFR2- DINNIDYYK[H]lys



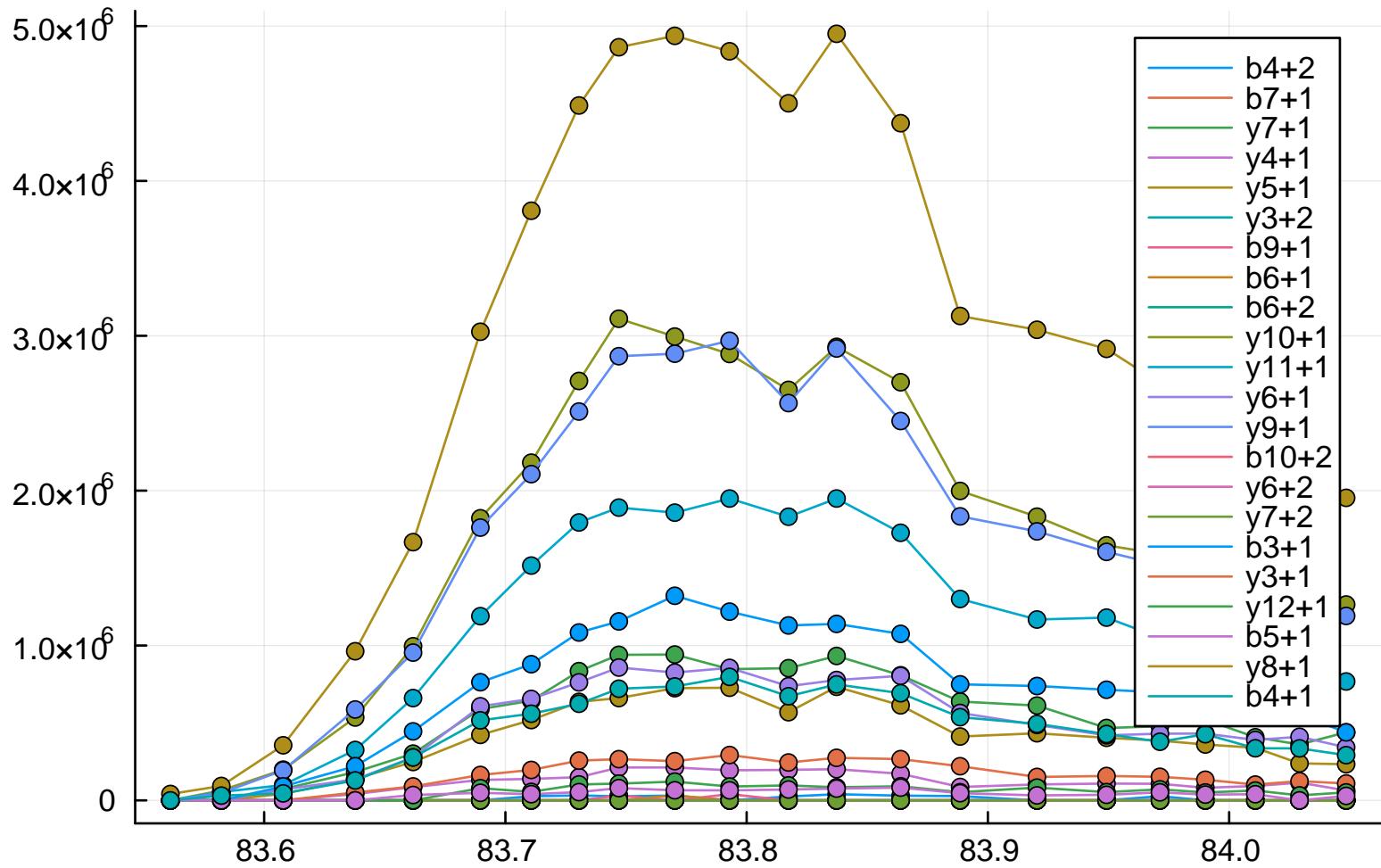
FGFR2- YGPDGLPYLK[H]lys



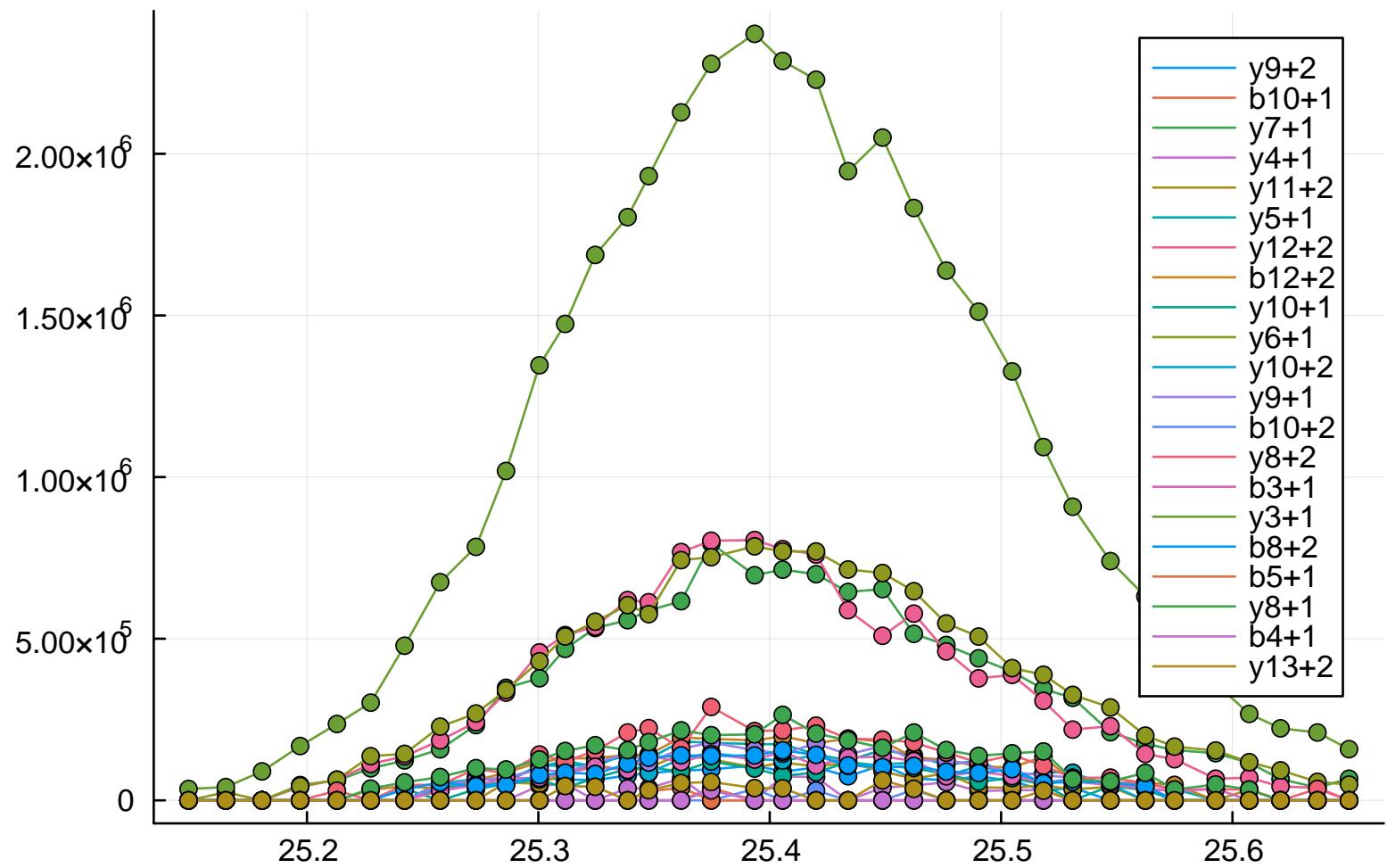
FGFR3- LLAVPAANTVR[Harg]



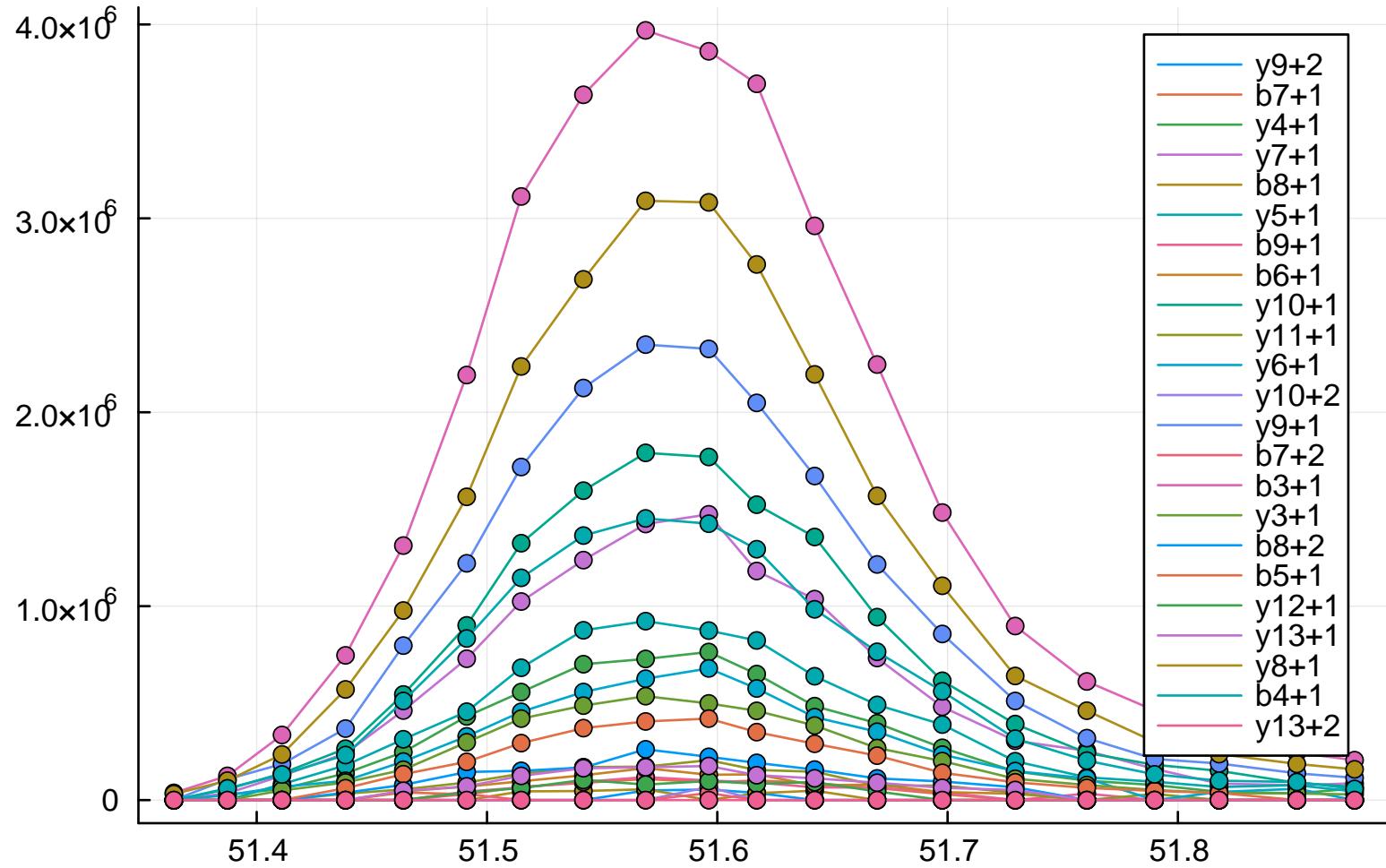
FGFR4- VLLAVSEEYLDLR[Harg]



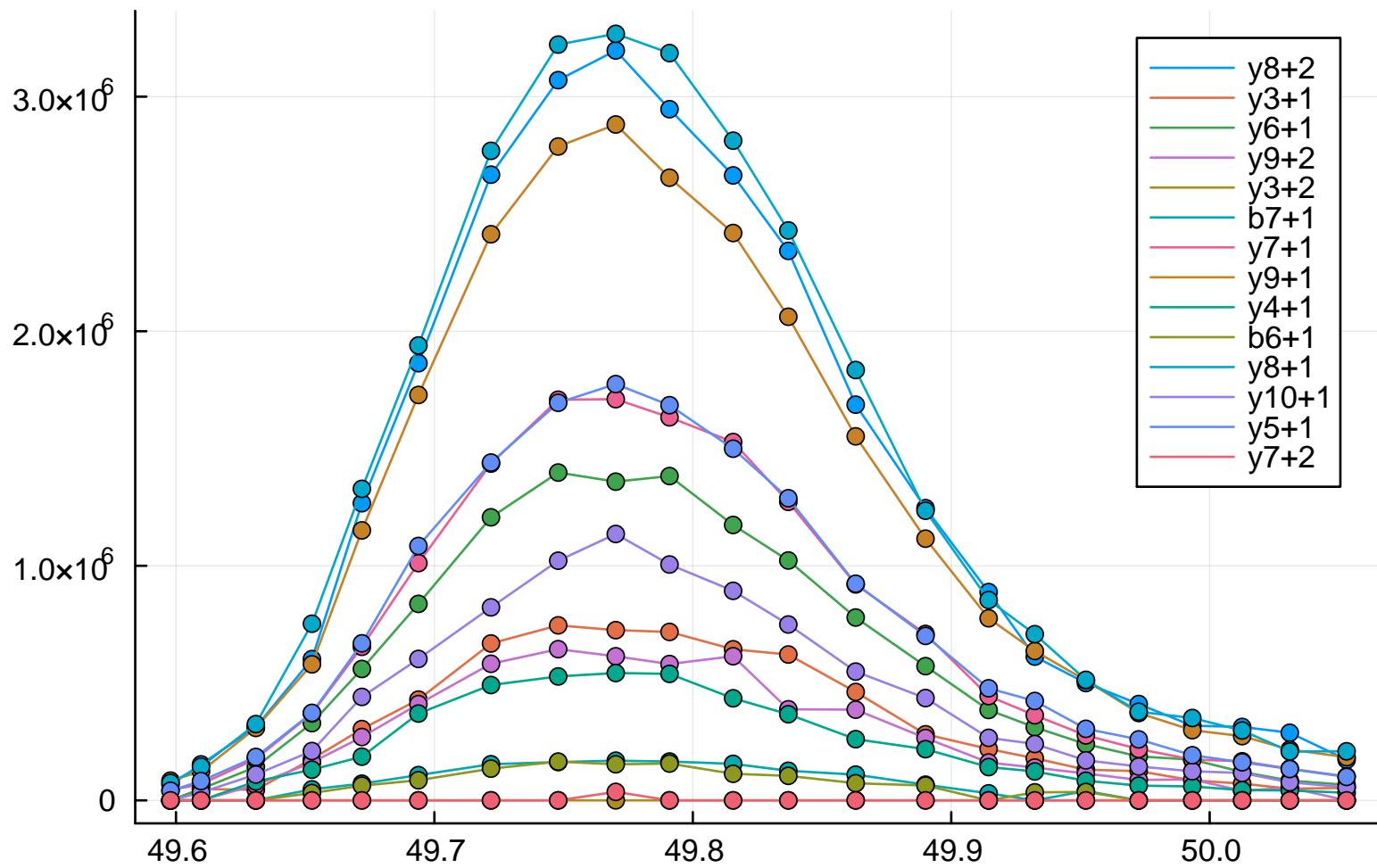
FGR- SYGAADHYGPDPTK[Hlys]



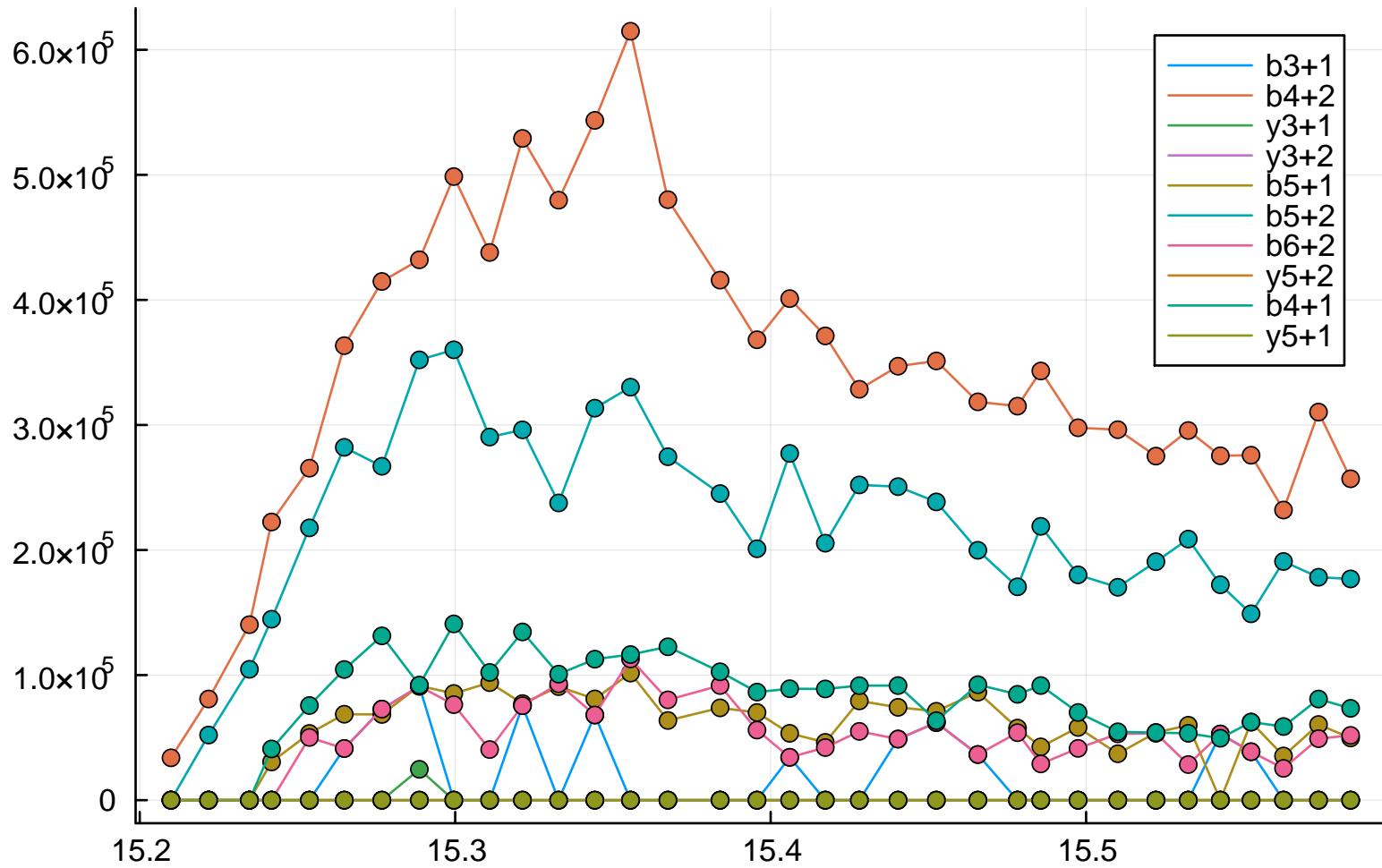
FLT1- LGDLLQANVQQDGK[Hlys]



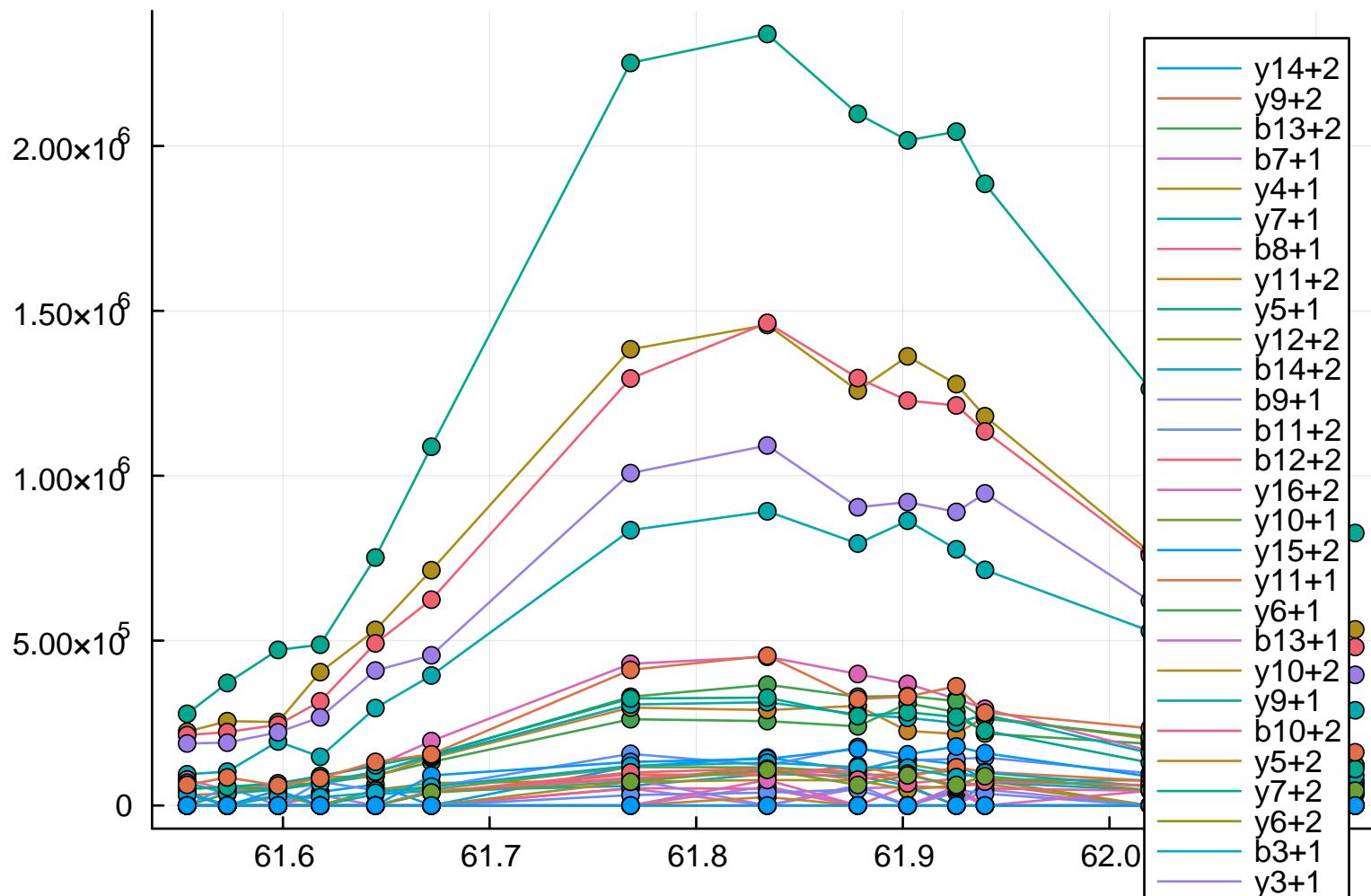
FLT1- VTSPNITVTLK[H]lys



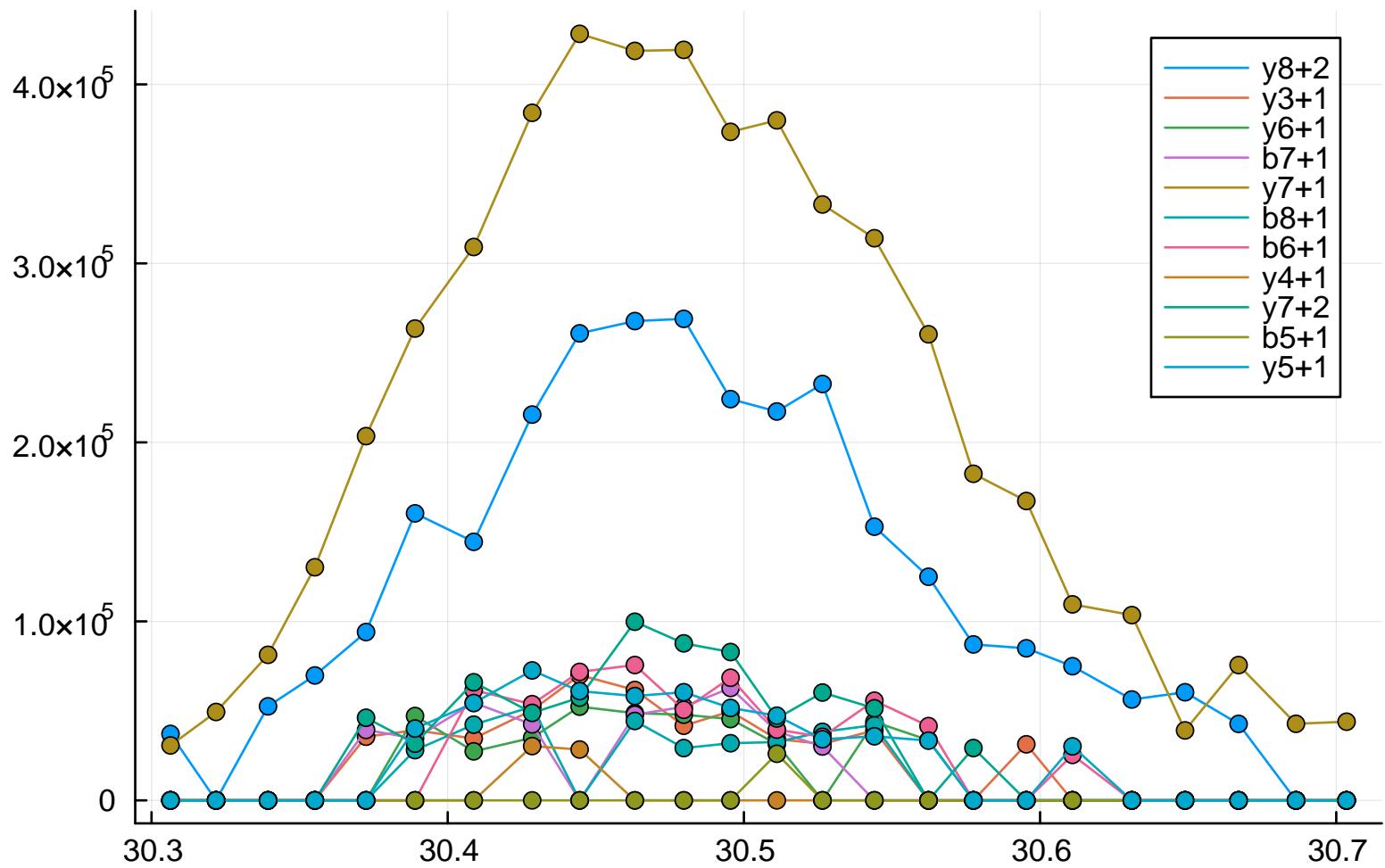
FLT4- HSPHALVLK[Hlys]



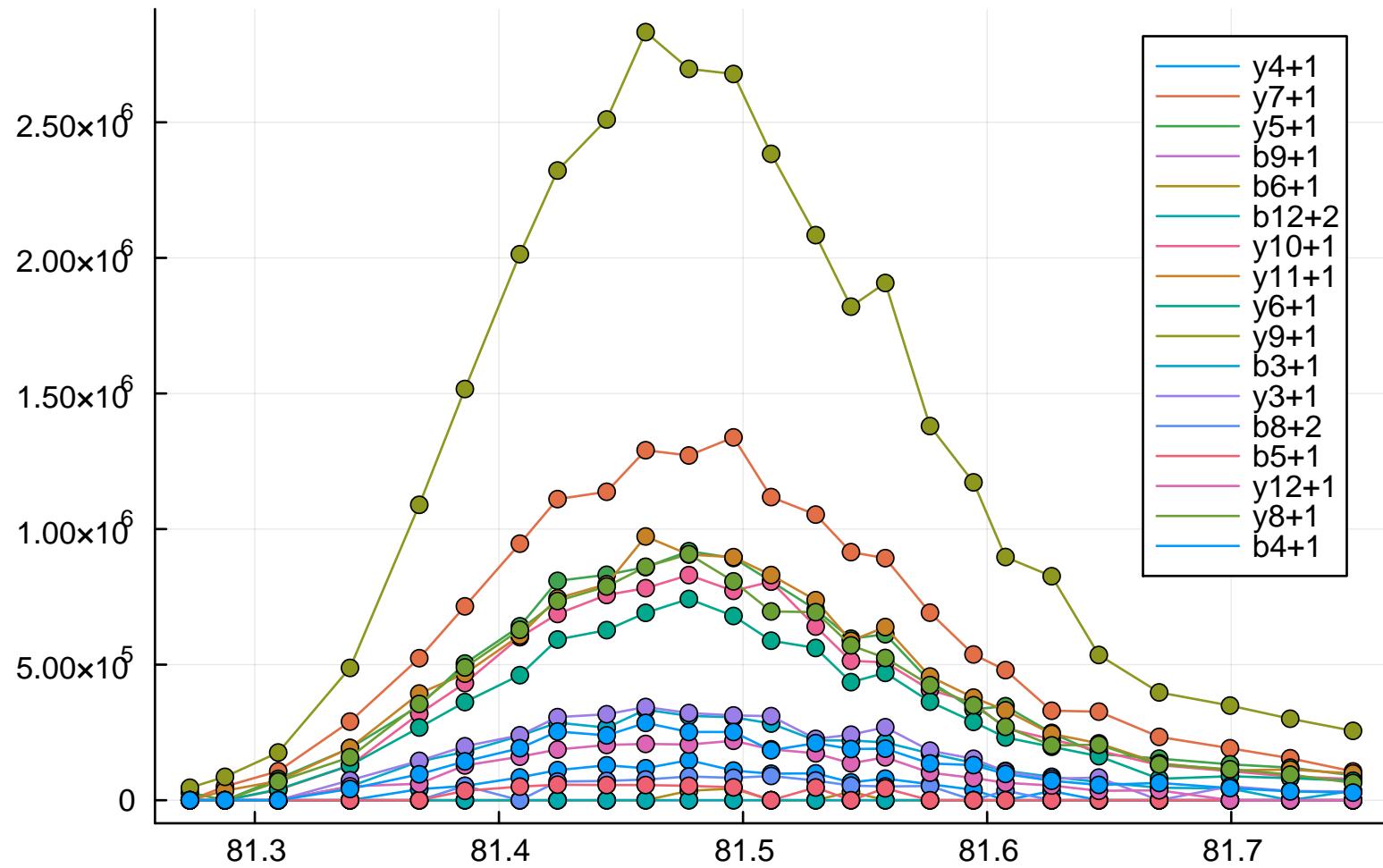
FLT4- LNLSTLHDAHGNPLLLDC[Carb]K[Hlys]



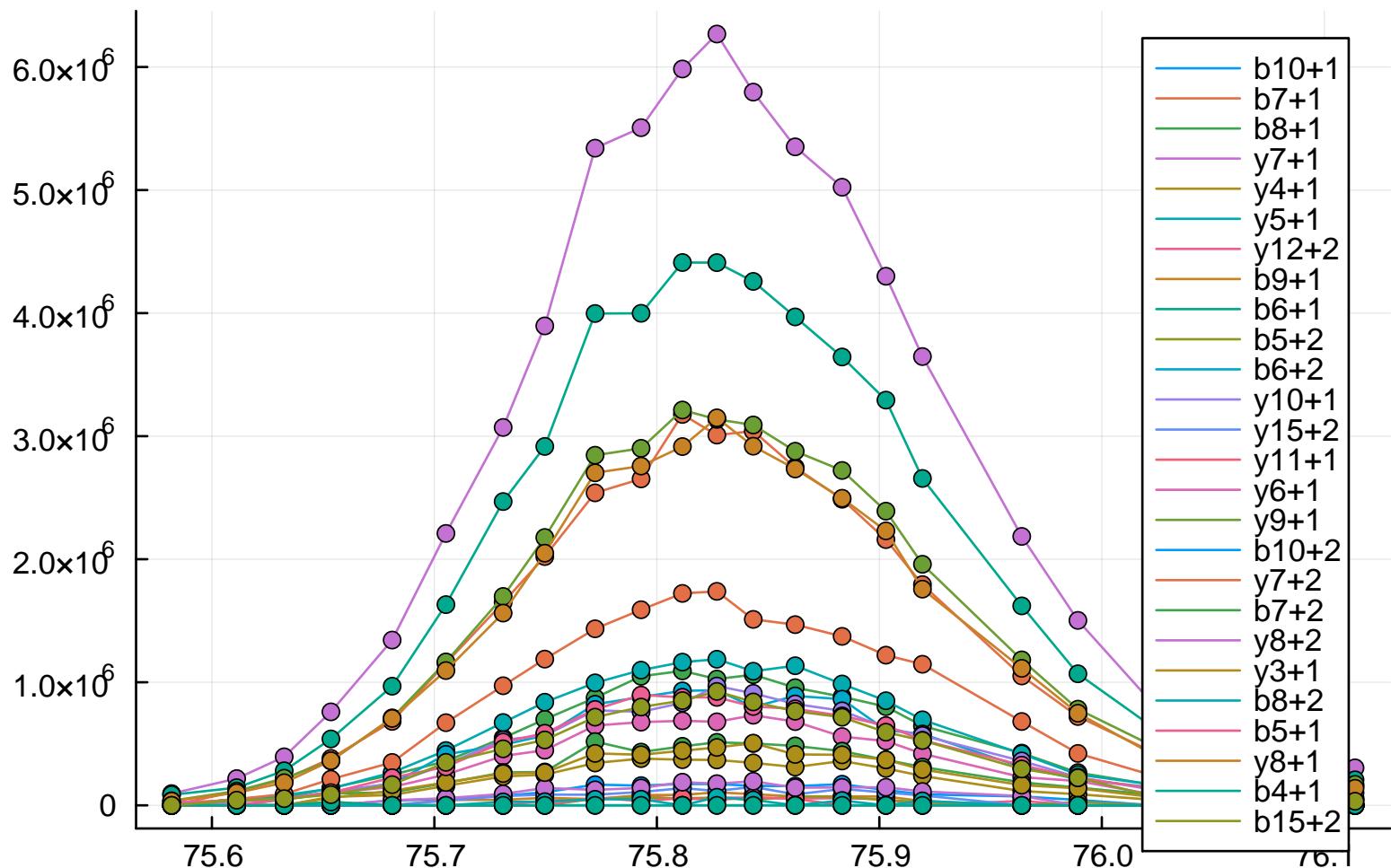
FRK- ERPTFETLR[Harg]



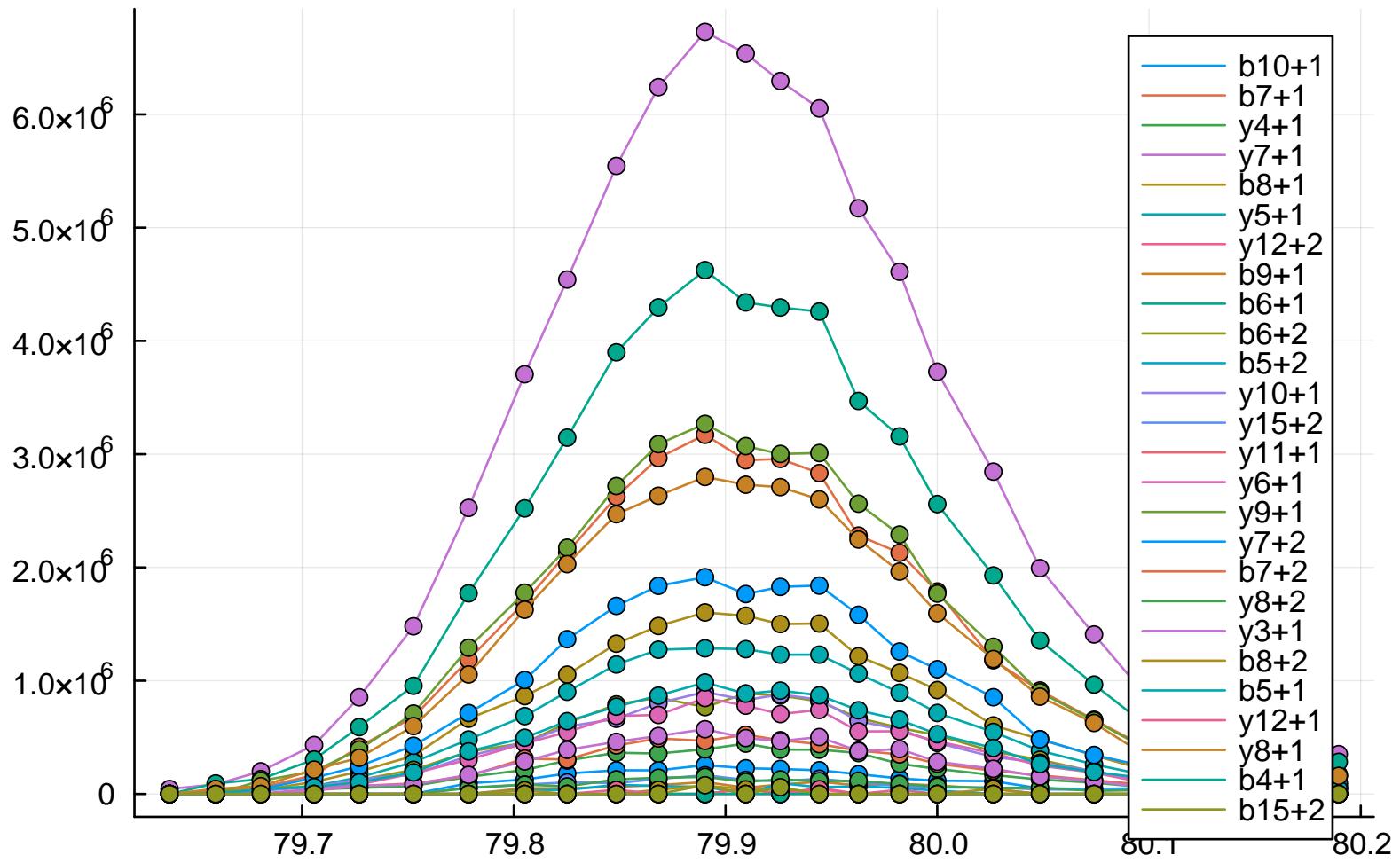
FRK- GEFSLSVLDGAVVK[Hlys]



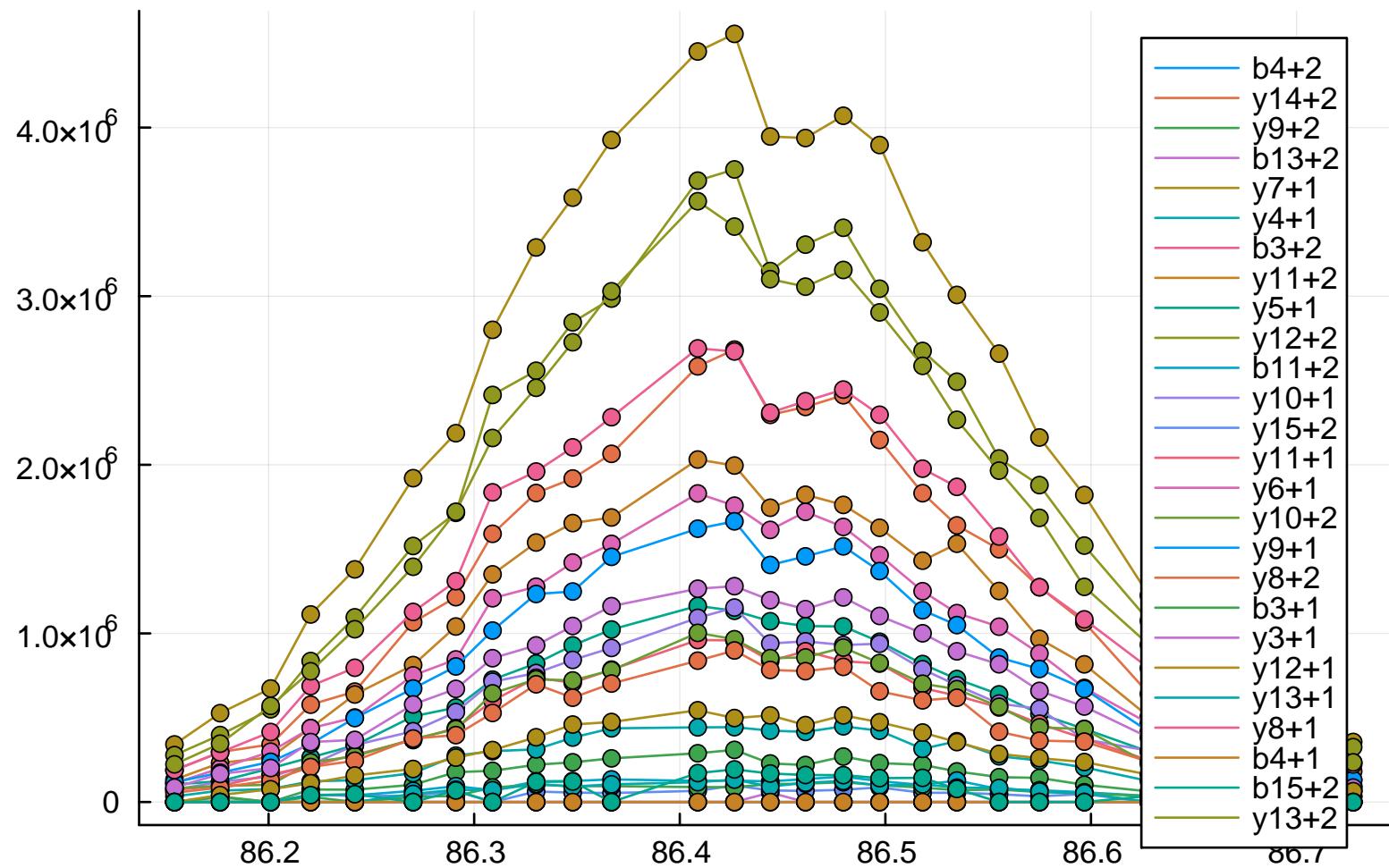
GSK3A- DIKPQNLVDPDTAVLK[Hlys]



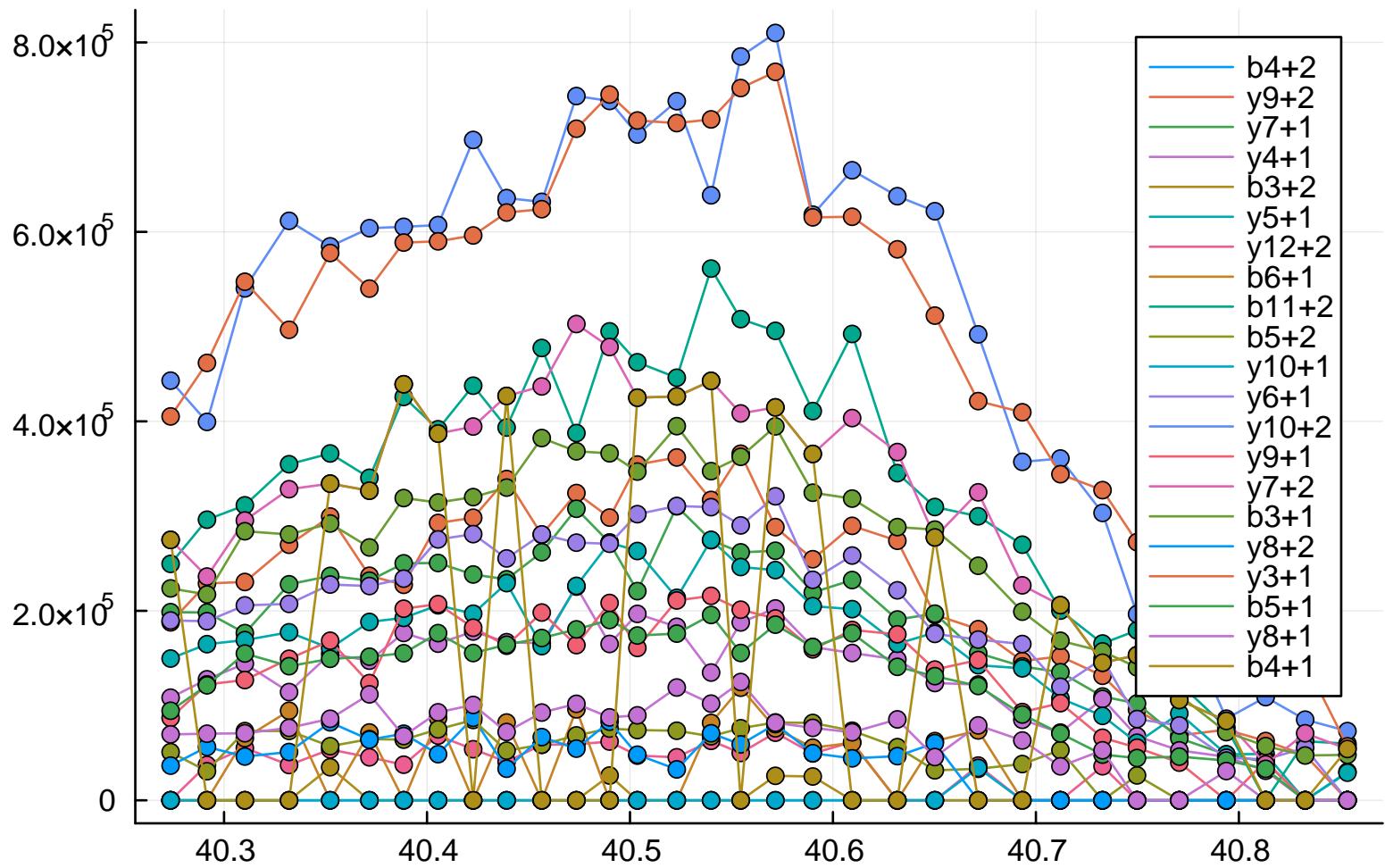
GSK3B- DIKPQNL_{LL}DPTAVLK[Hlys]



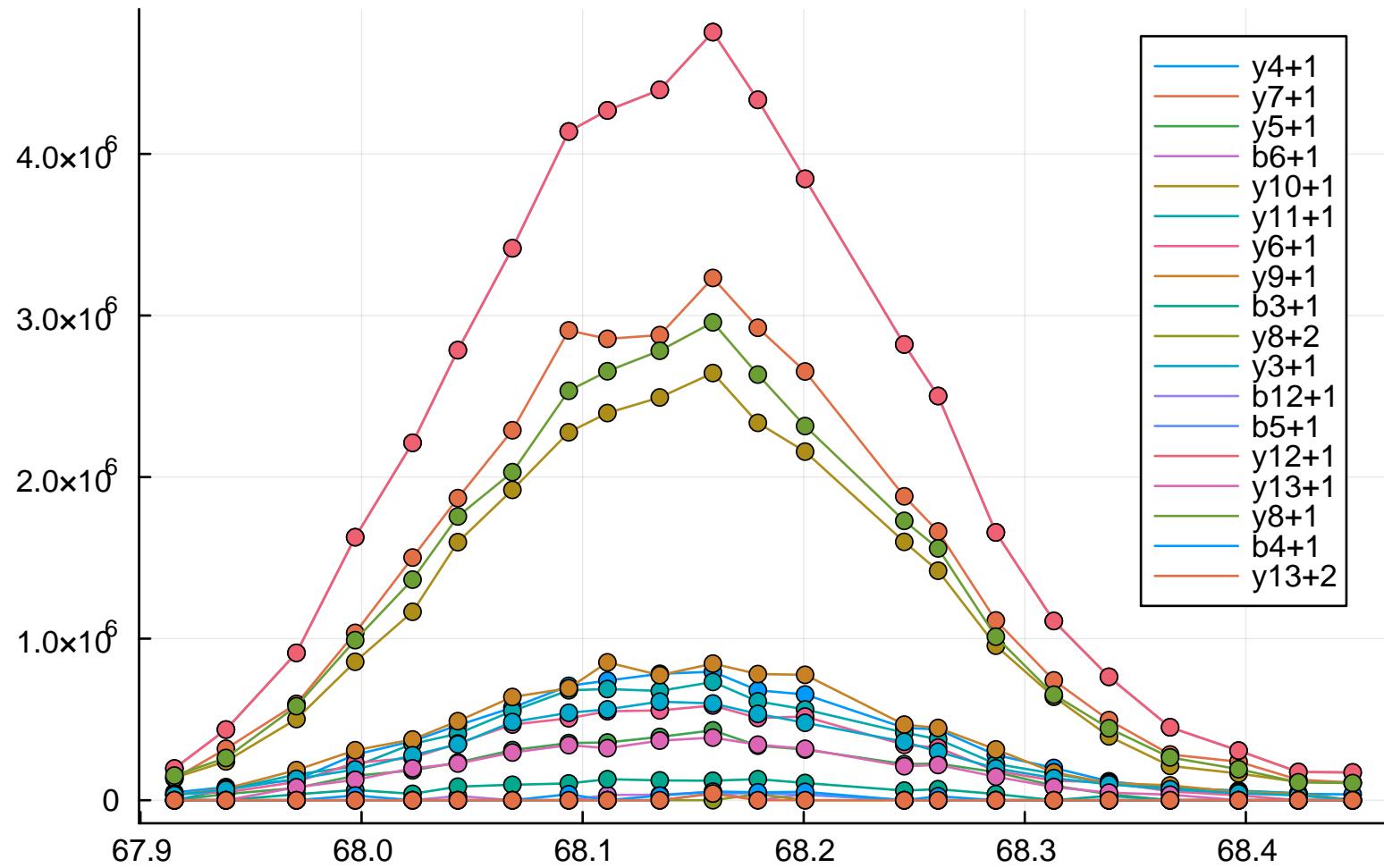
GSK3B- LTPLEAC[Carb]AHSFFDEL[R[Harg]



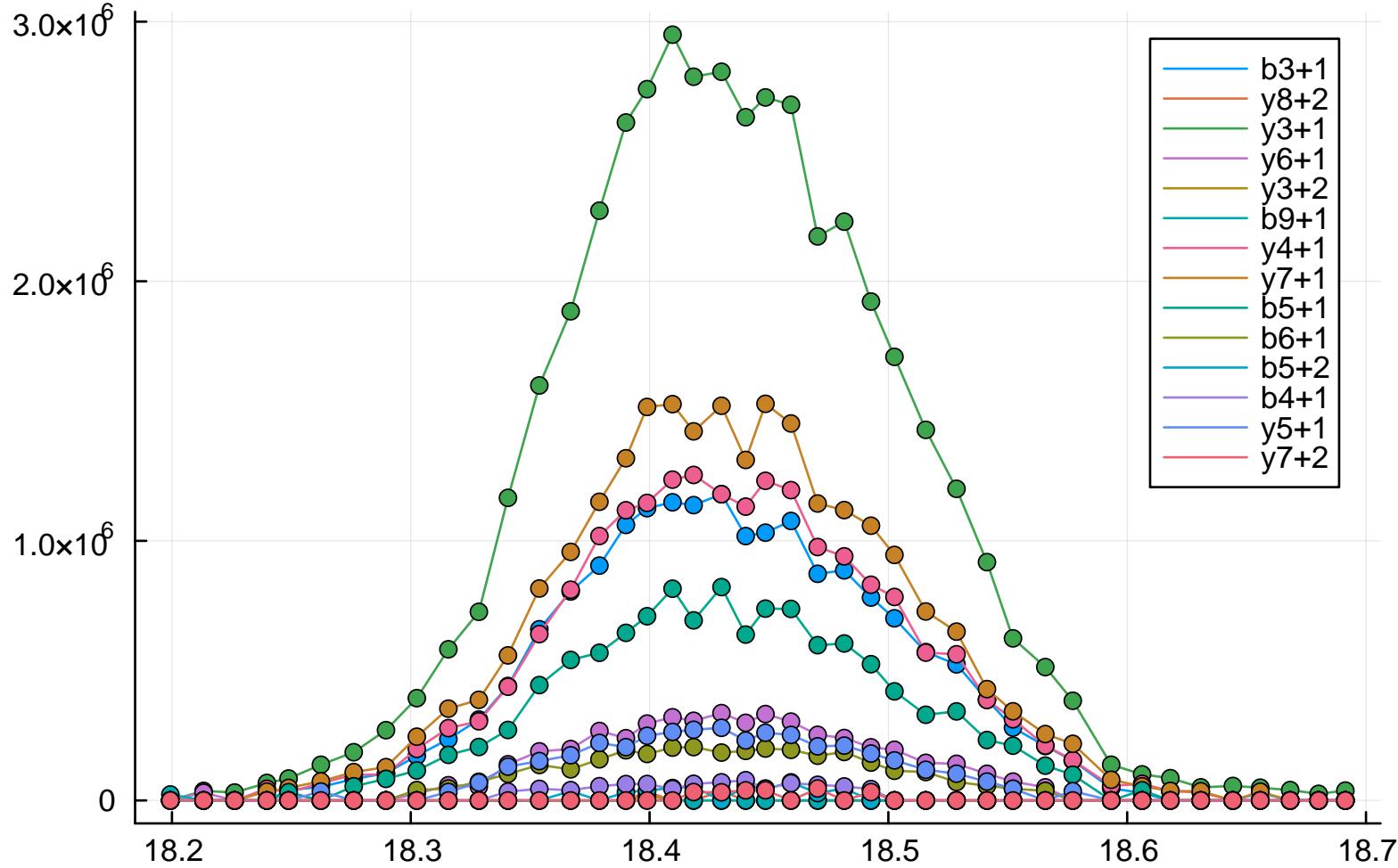
ICK- QHQASQPPLHLTYPYK[H]lys



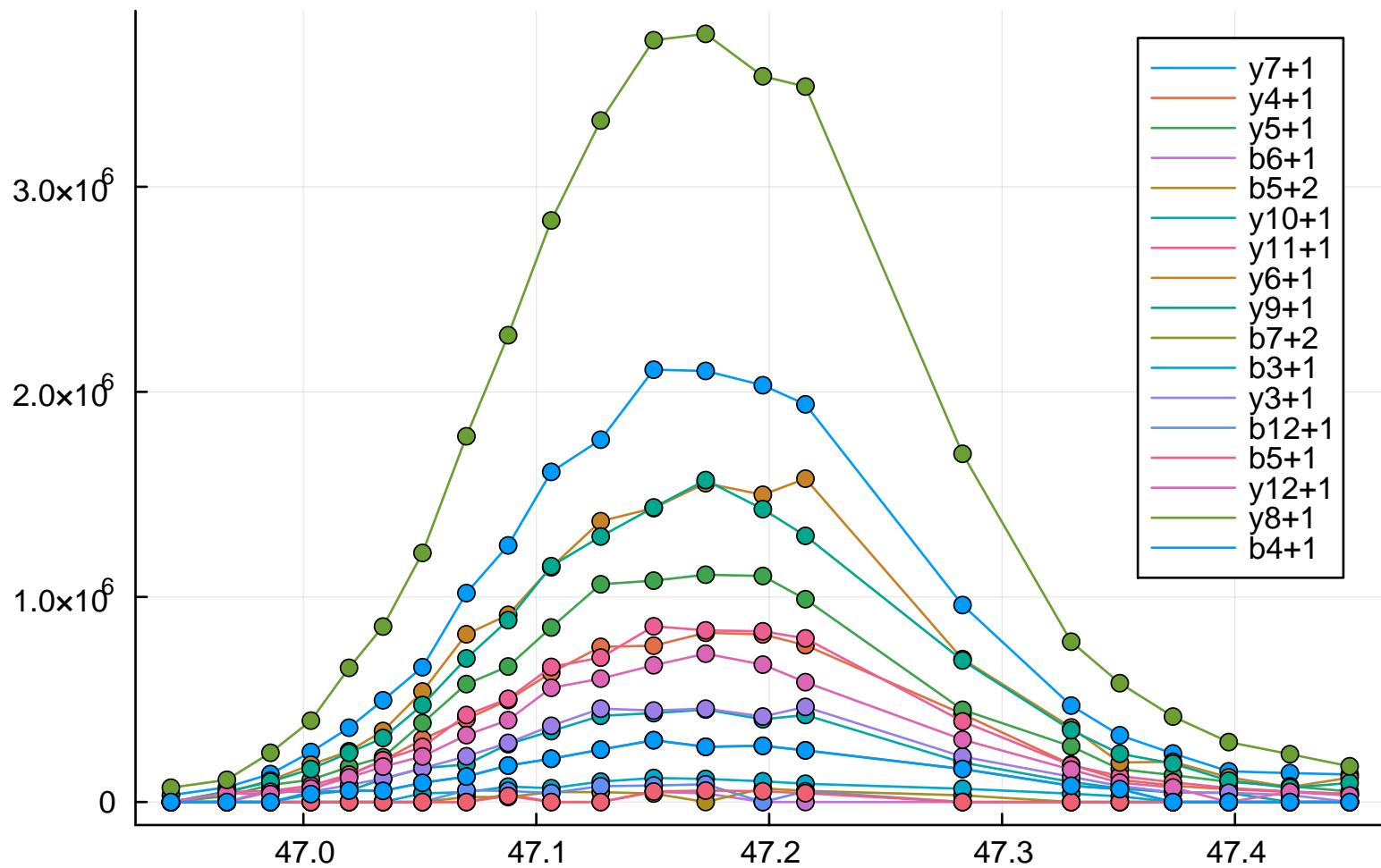
ICK- QLGDGTYGSVLLGR[Harg]



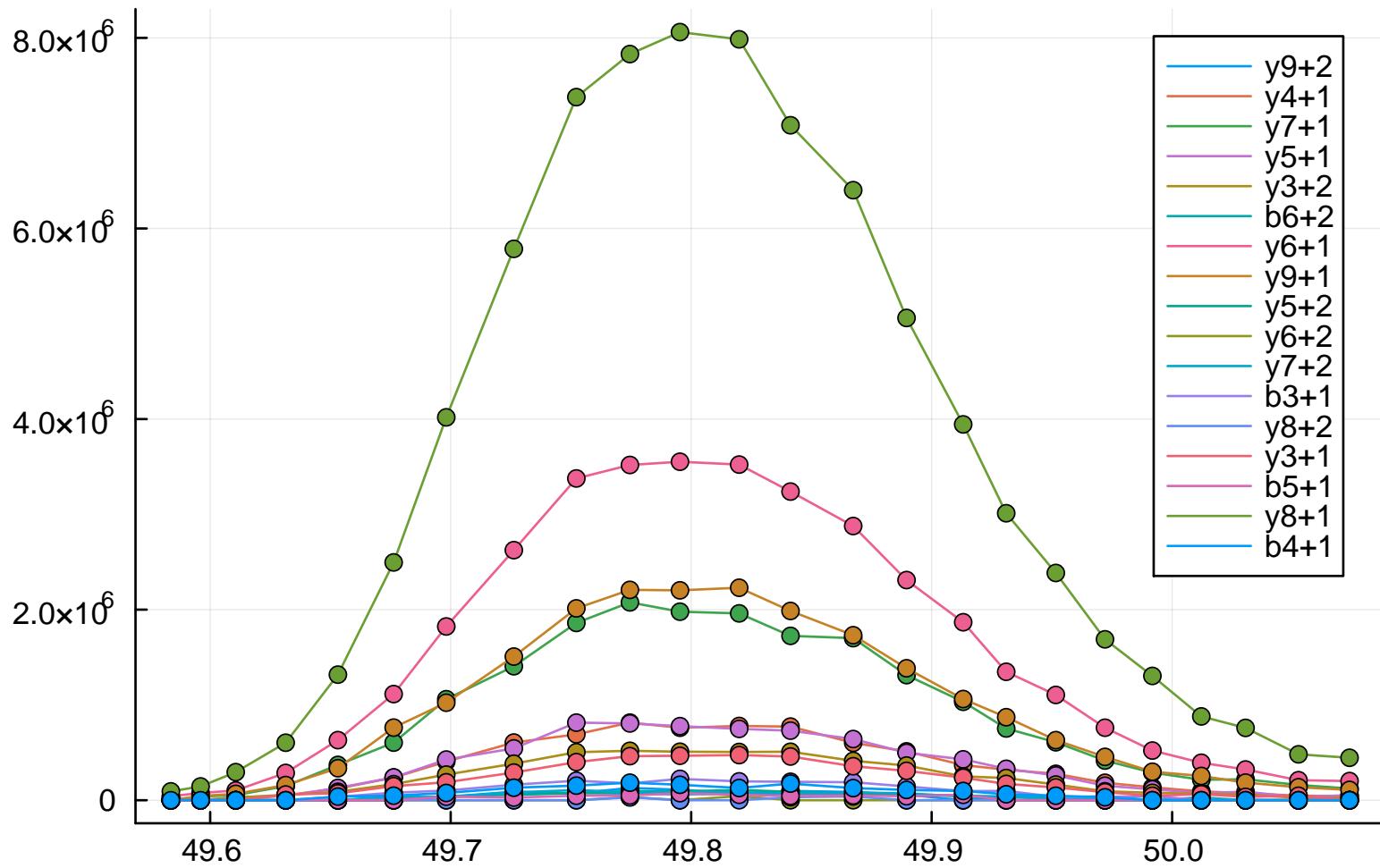
IKBKB- LTHPNVVAAR[Harg]



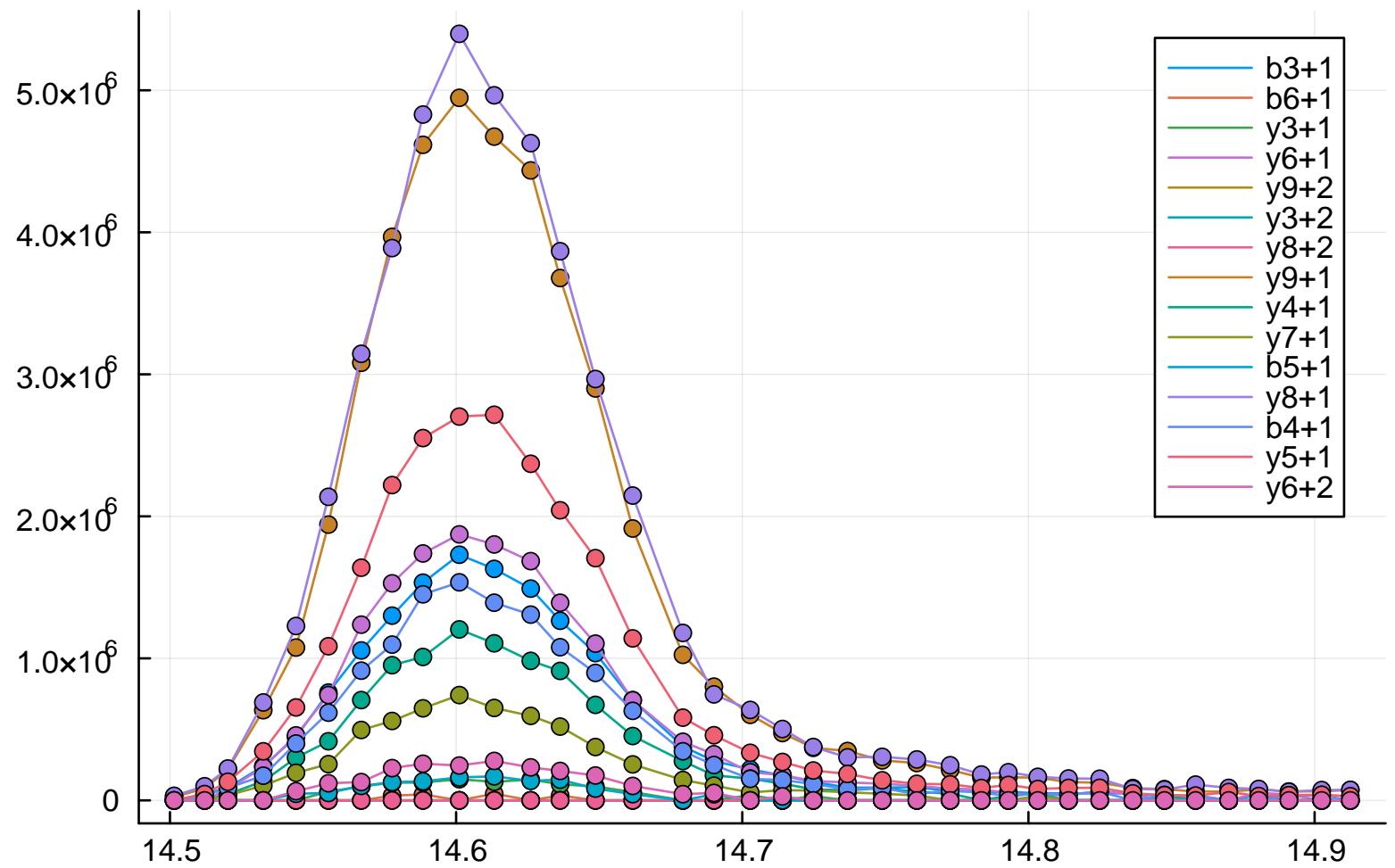
IKBKB- QGGTLDDLEEQAR[Harg]



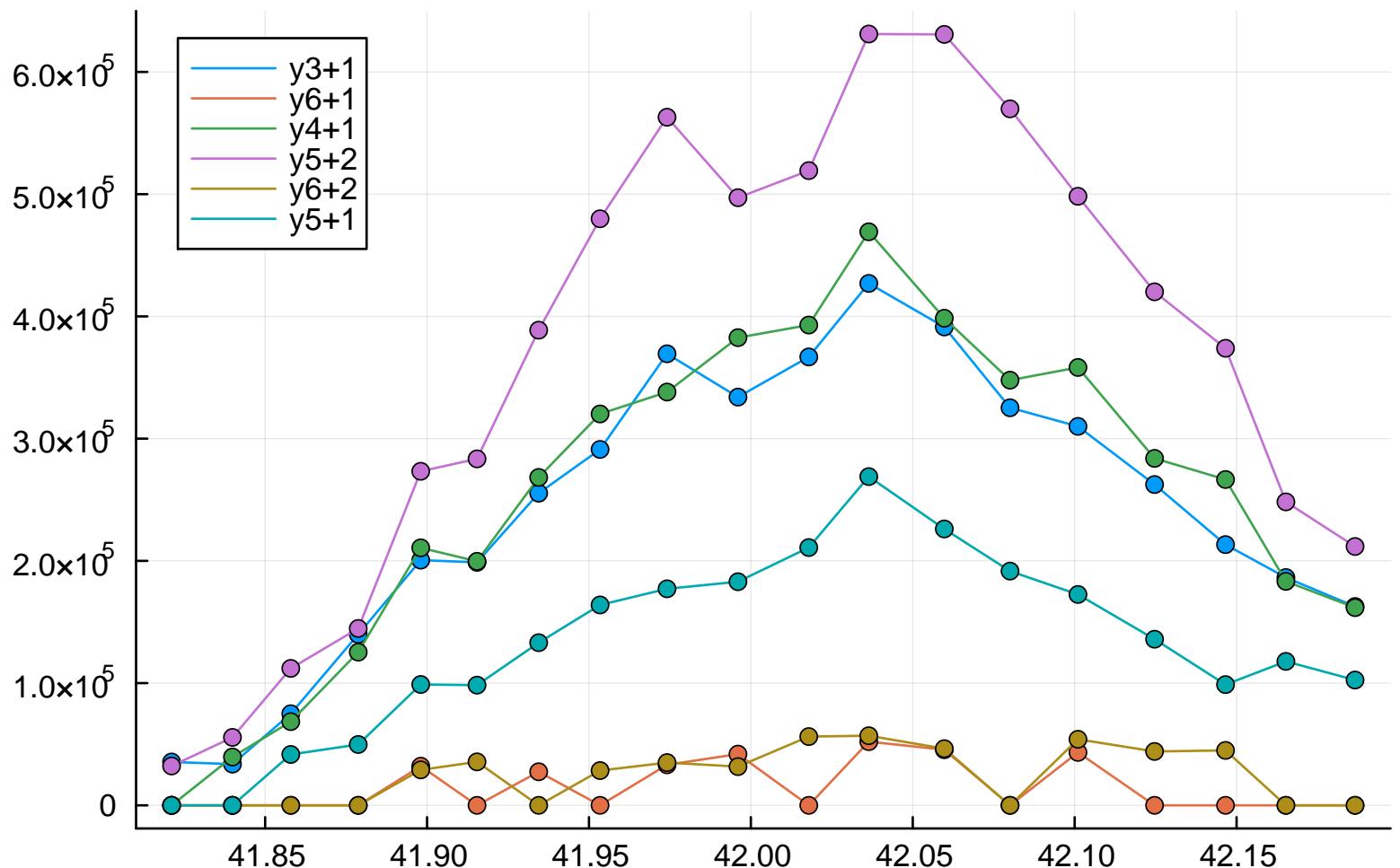
IKBKE- GVLGAGYQALR[Harg]



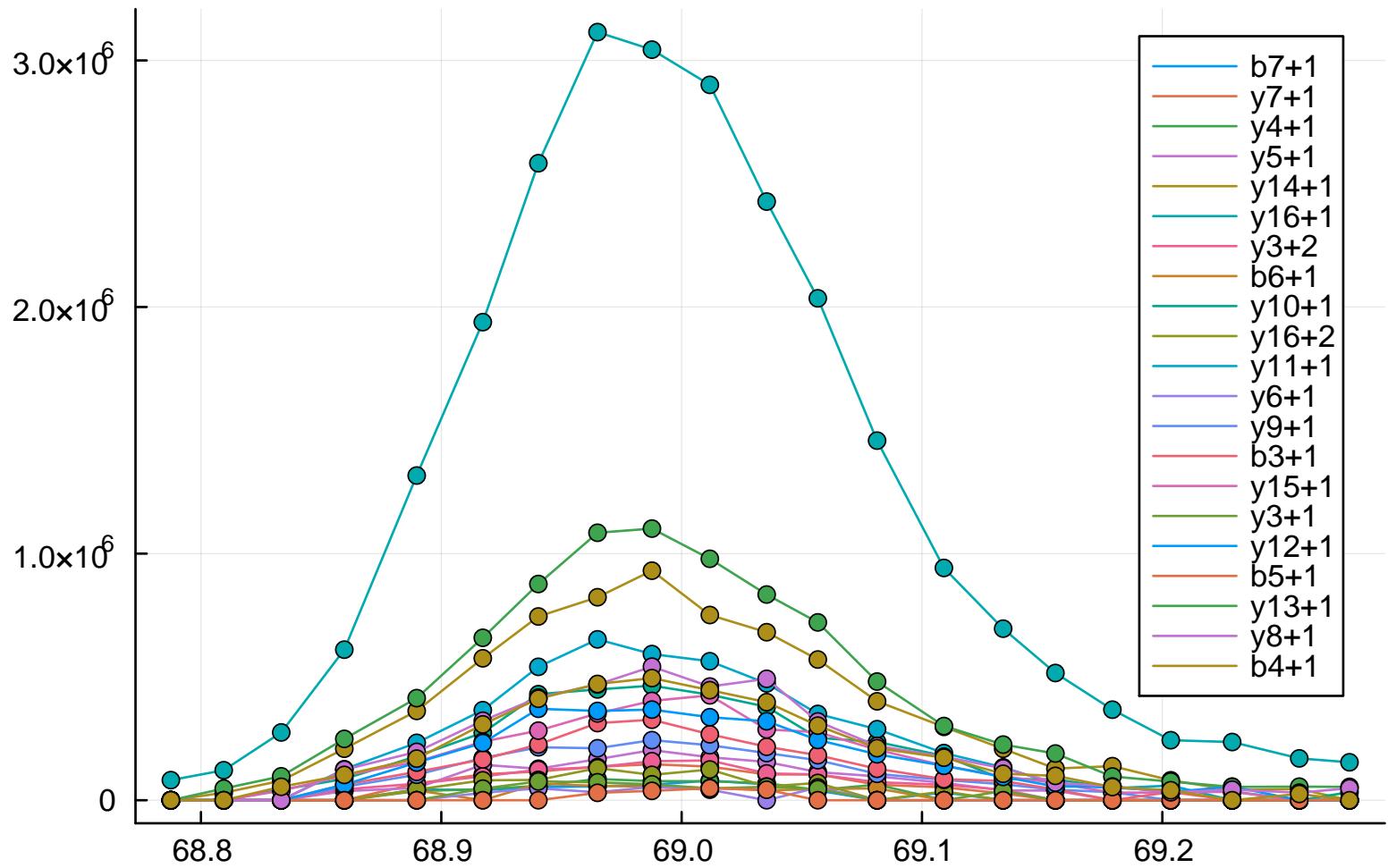
IKBKE- PAGAIAGAQR[Harg]



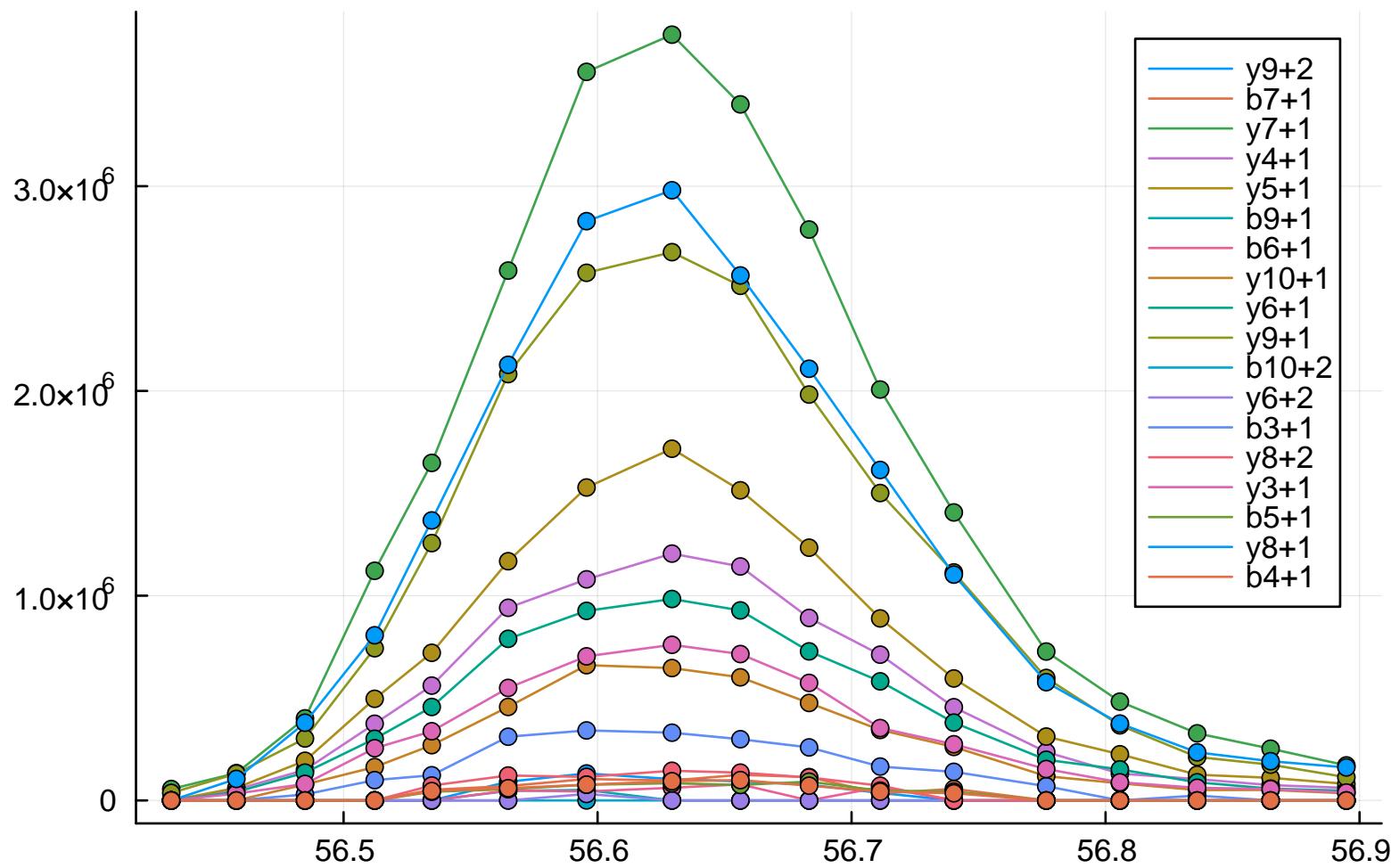
INSR- LFFHYNPK[Hlys]



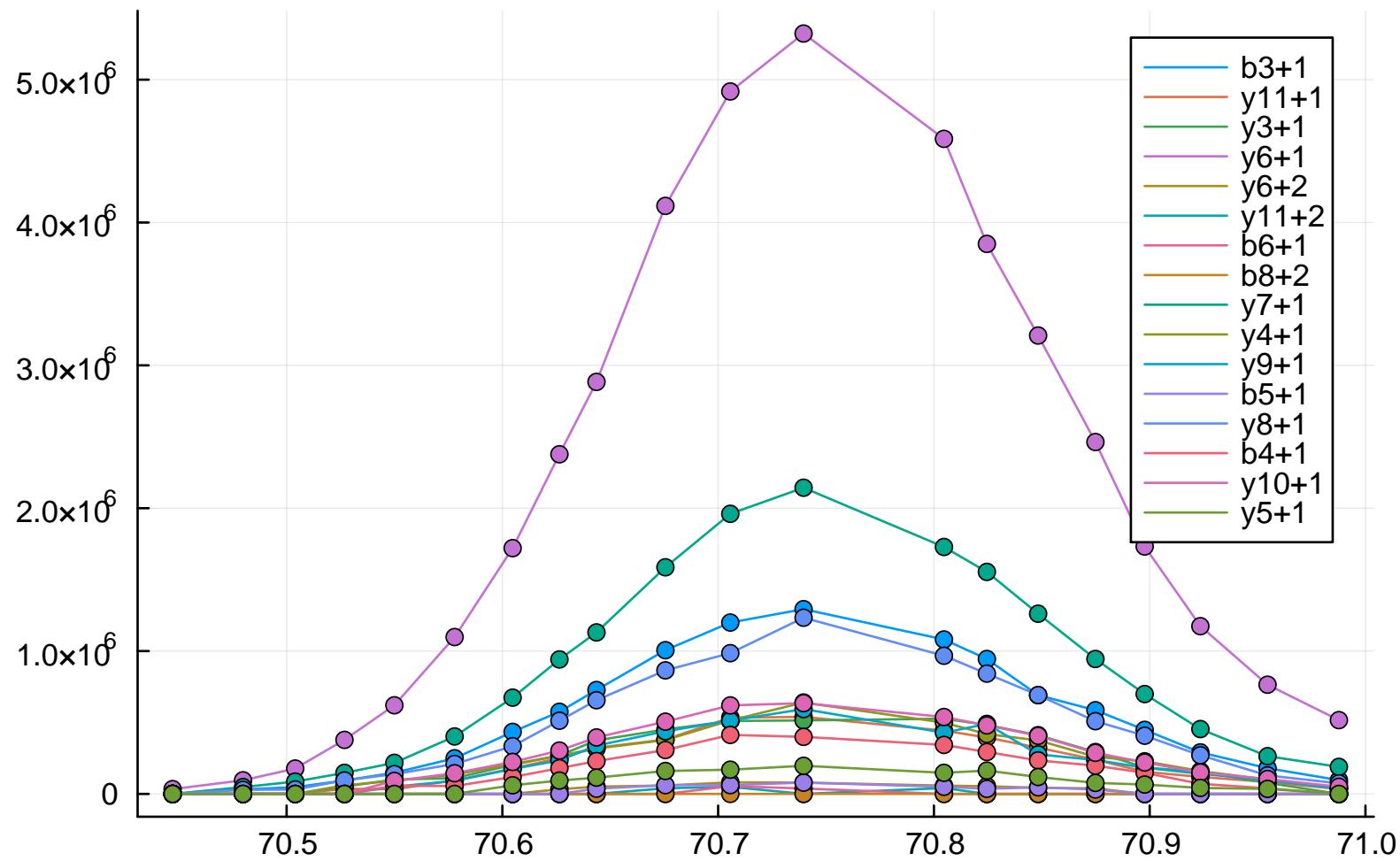
IRAK1- GPNQPVESDESLGGLSAALR[Harg]



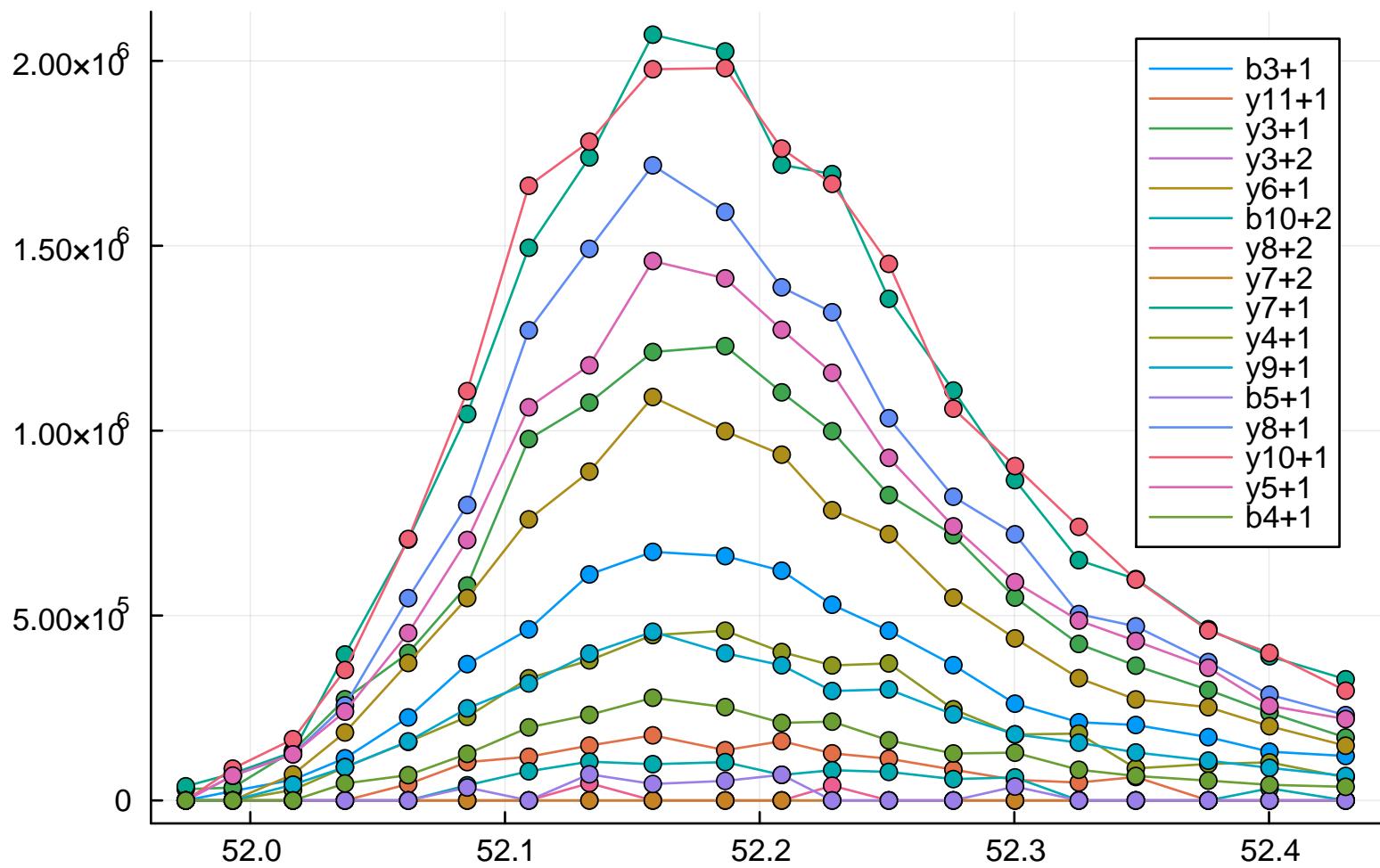
IRAK3- VEIQNLTYAVK[H]lys



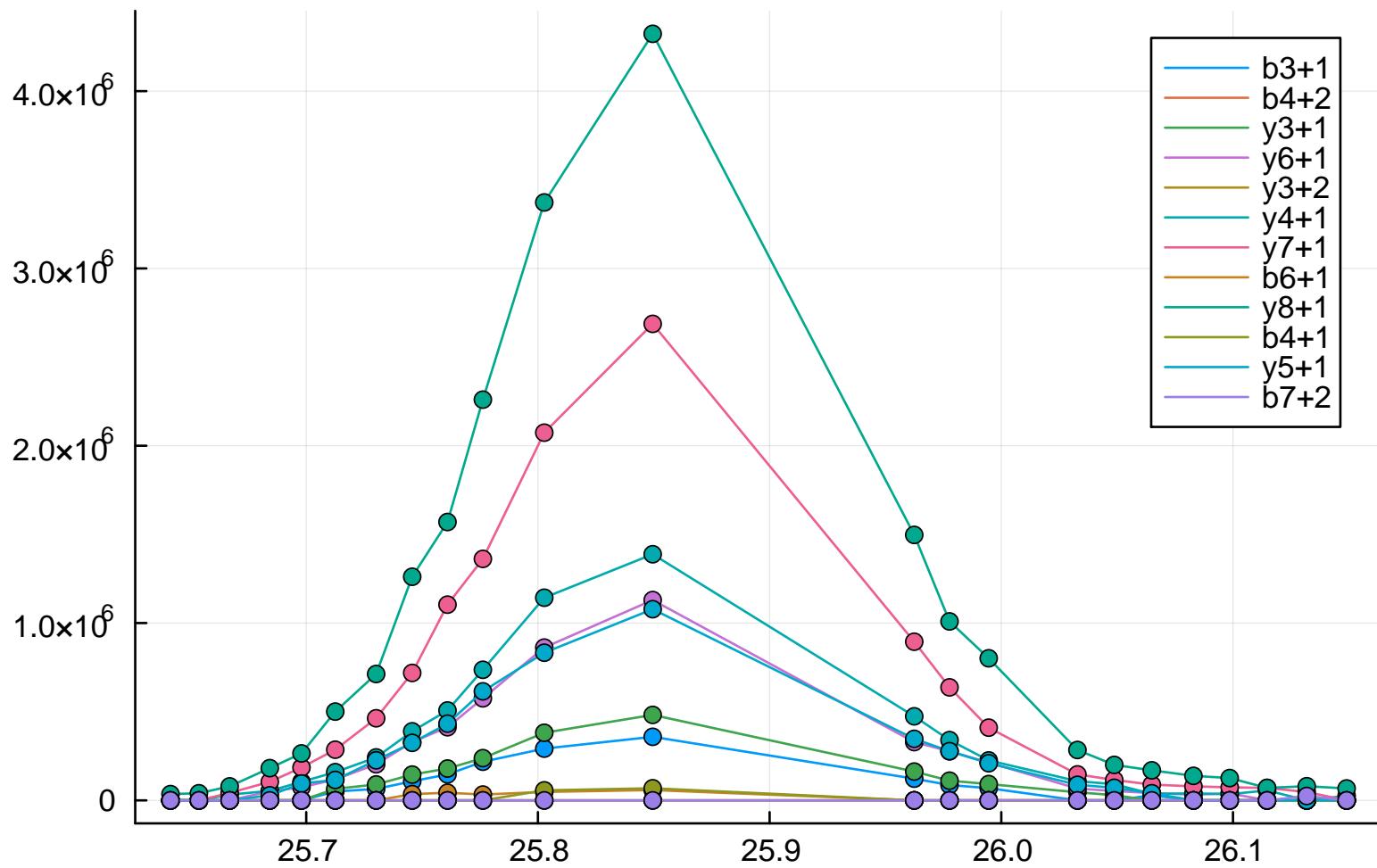
IRAK4- LSDFIDPQEGWK[Hlys]



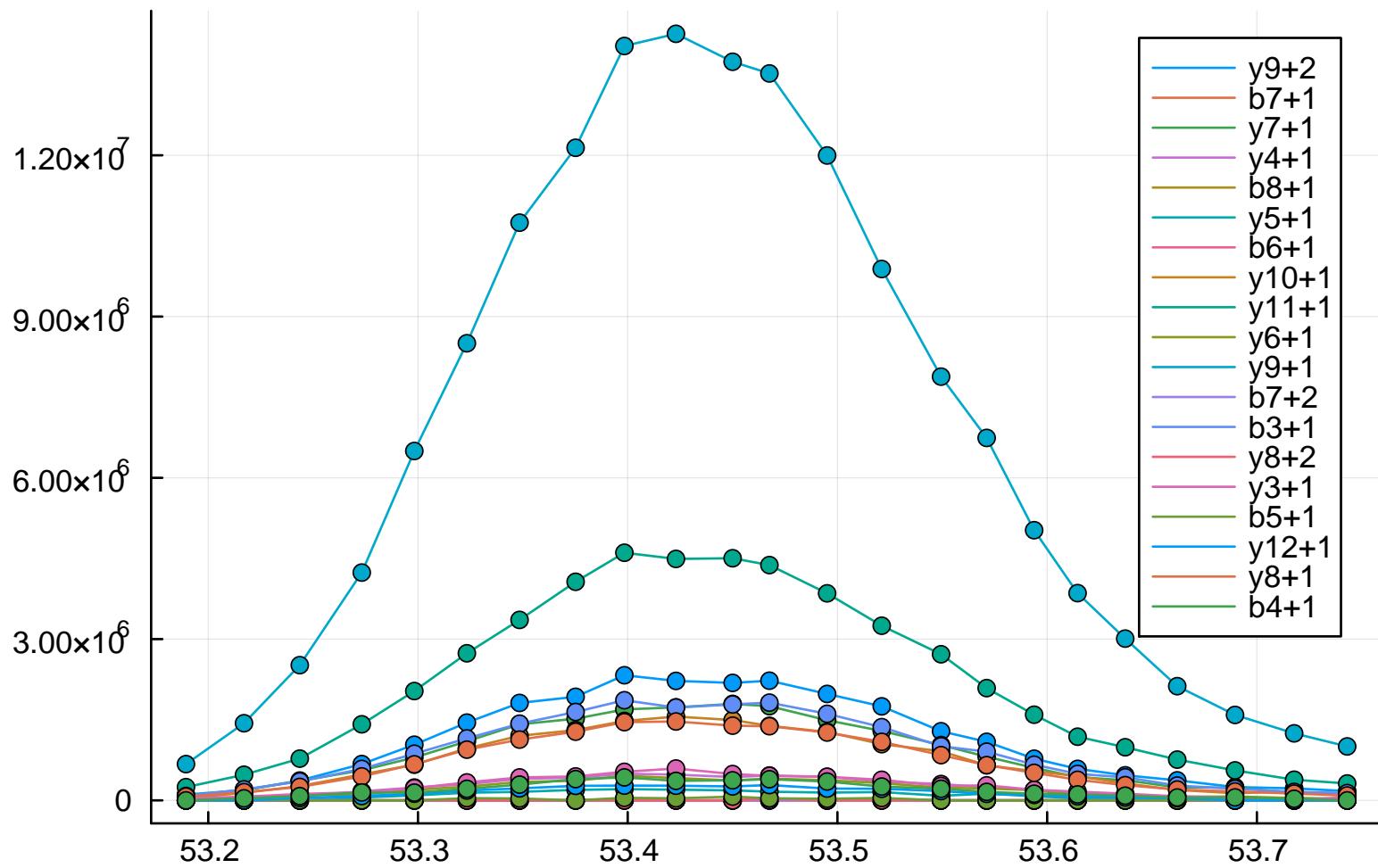
ITK- TAGTYTVSVFTK[Hlys]



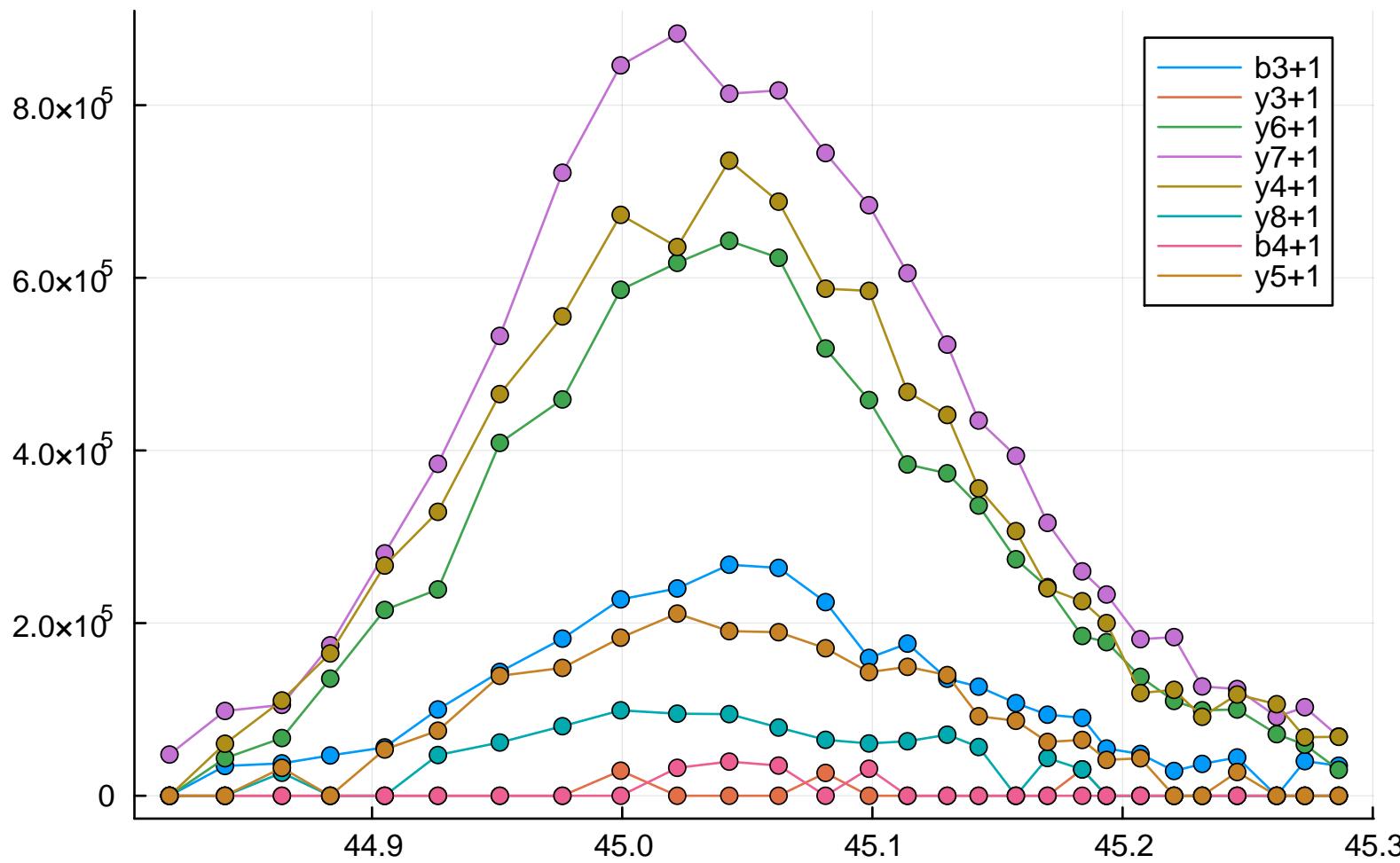
ITPK1- DYDSNLNASR[Harg]



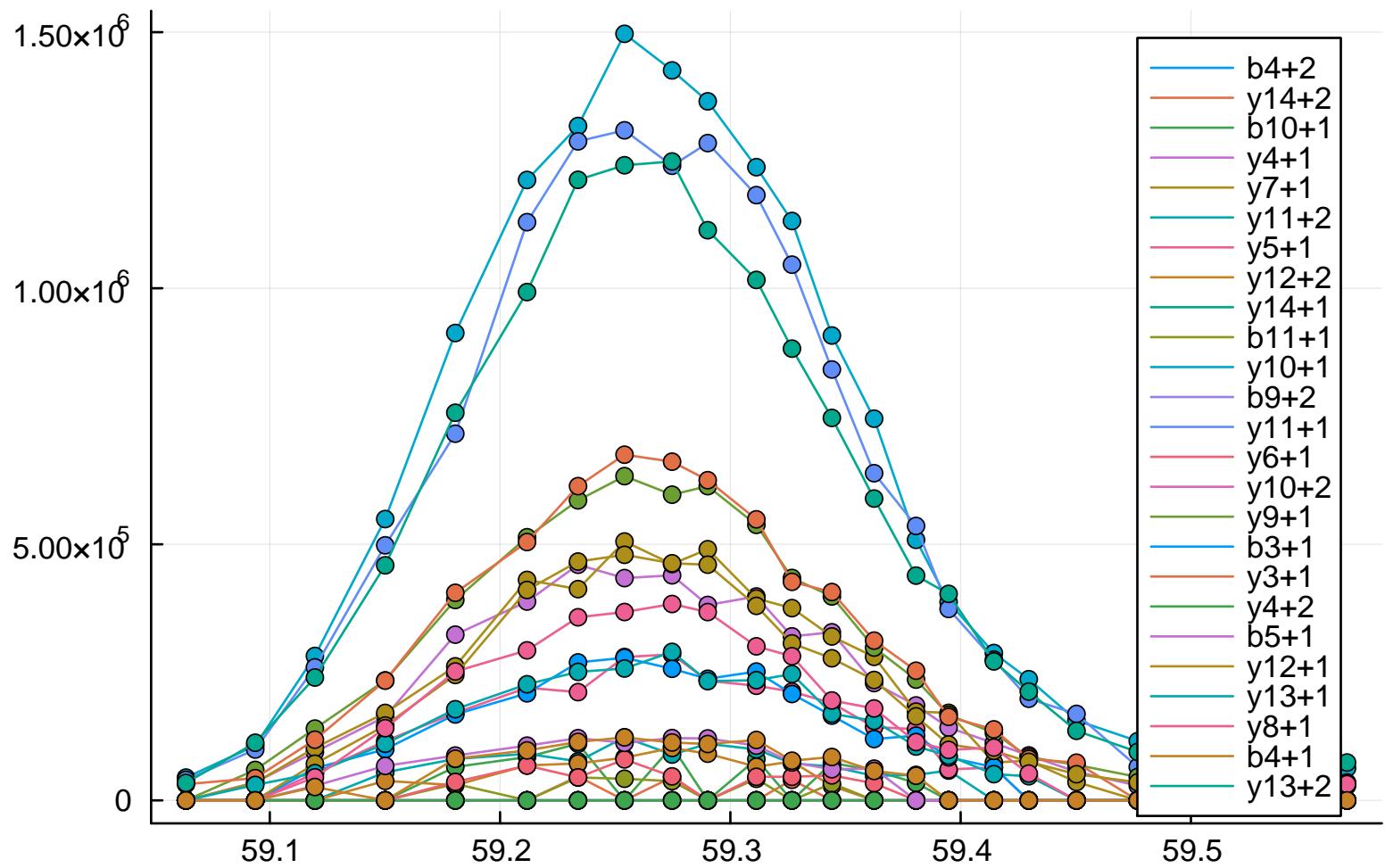
ITPK1- LLAEPAGGLVGER[Harg]



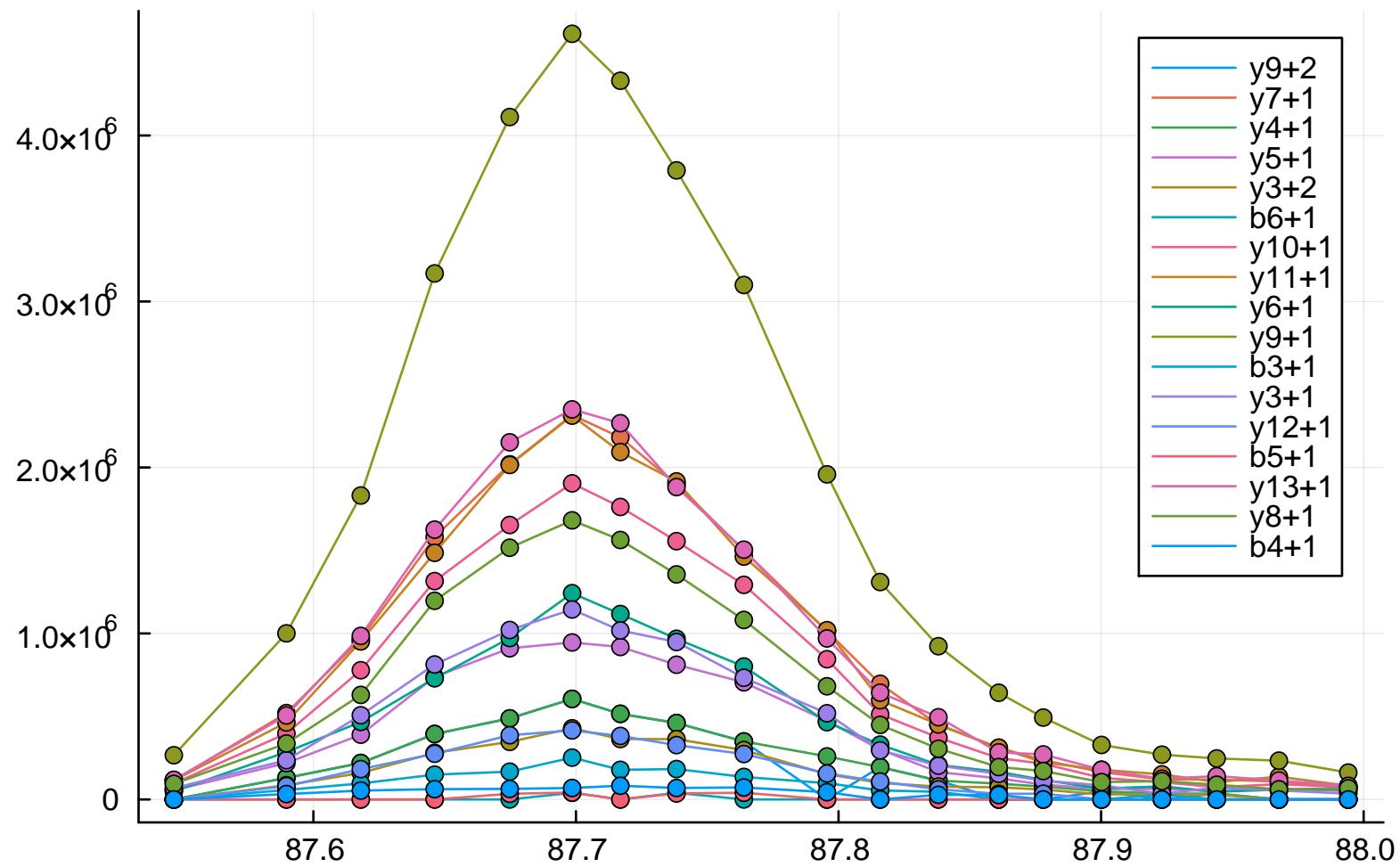
JAK1 - C[Carb]WEFQPSNR[Harg]



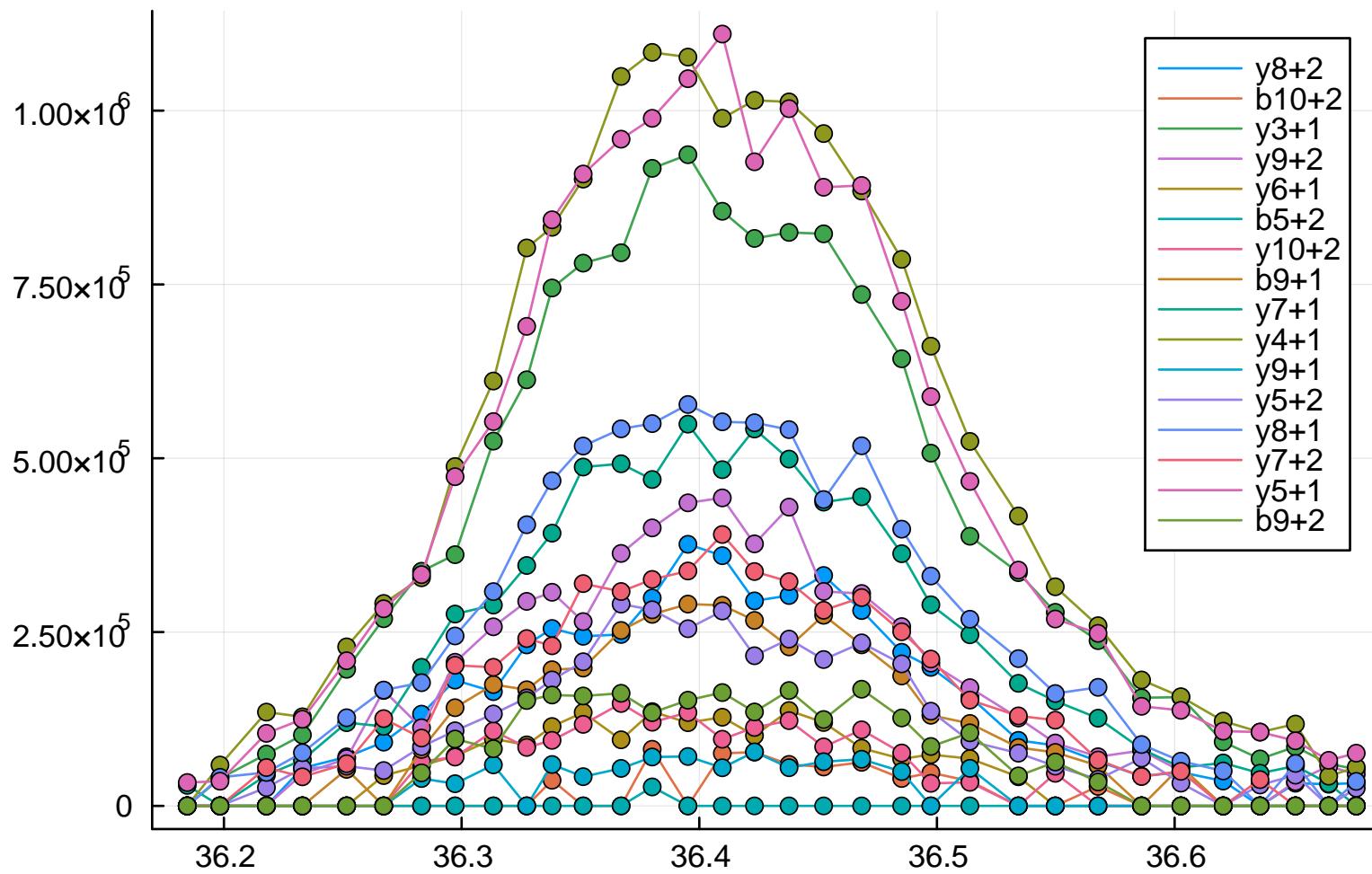
JAK2- YDPLQDNTGEVVAVK[Hlys]



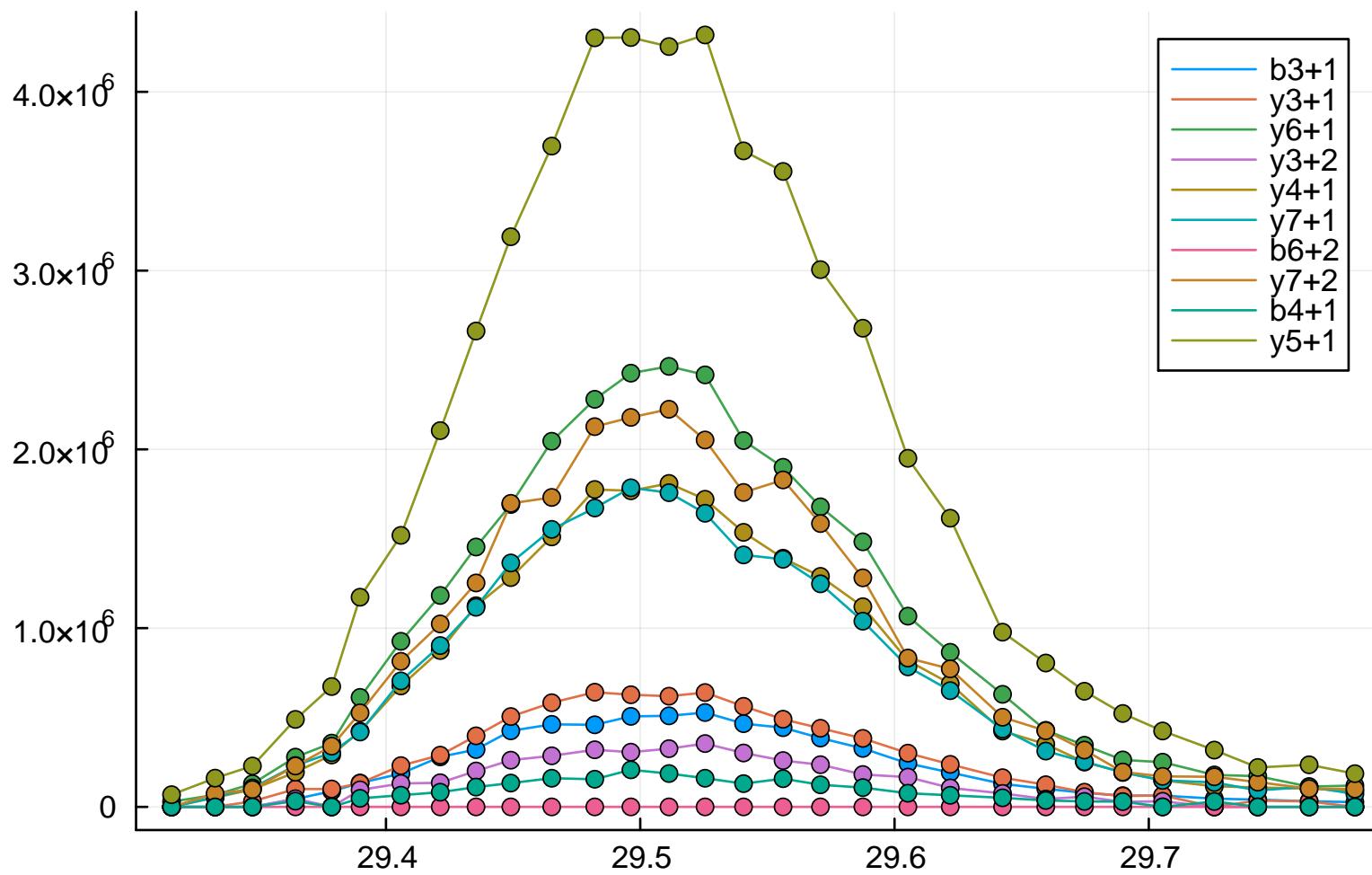
JAK3- EQGEC[Carb]LSAVLDLAR[Harg]



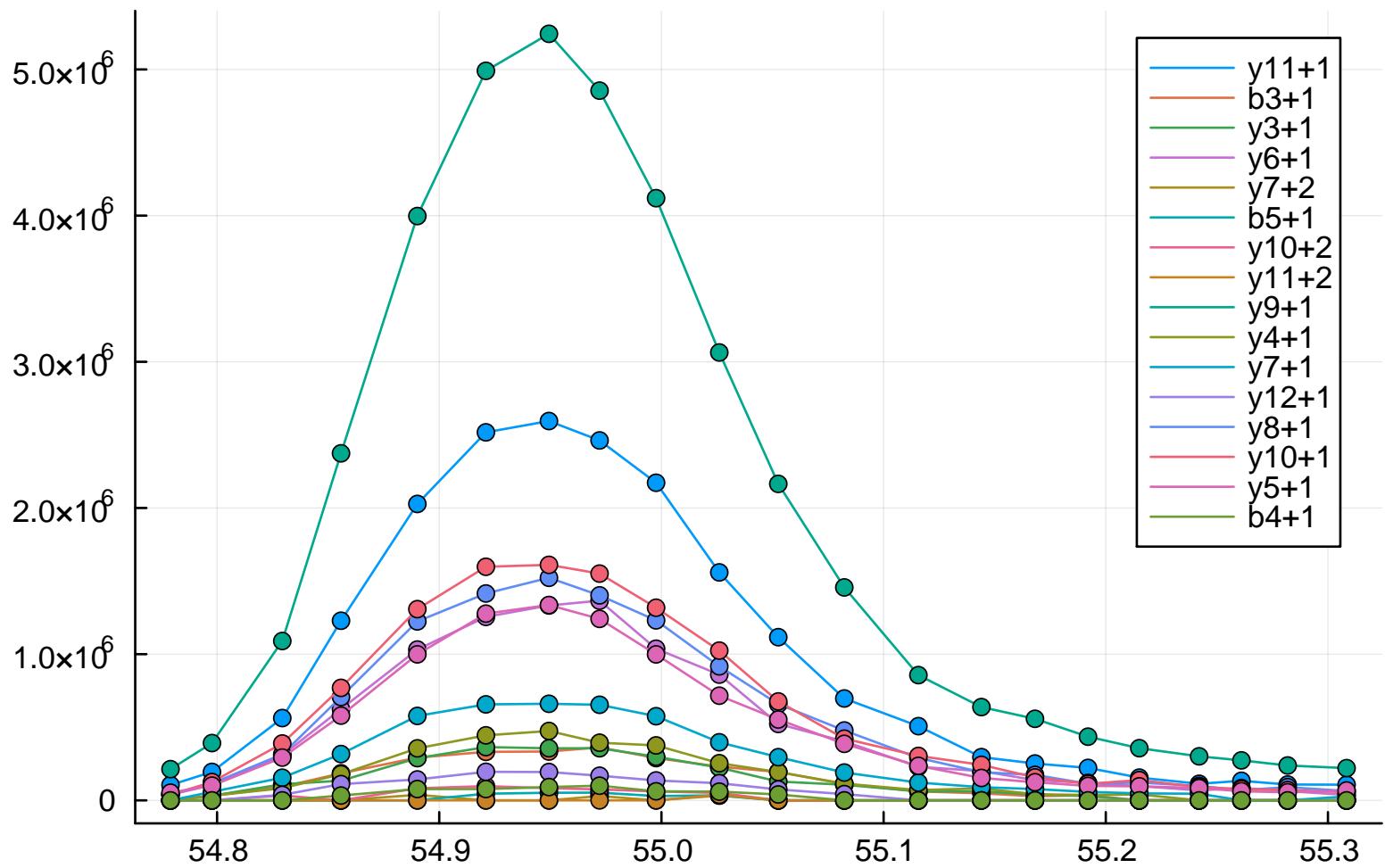
JAK3- LTTDSQHFFC[Carb]K[Hys]



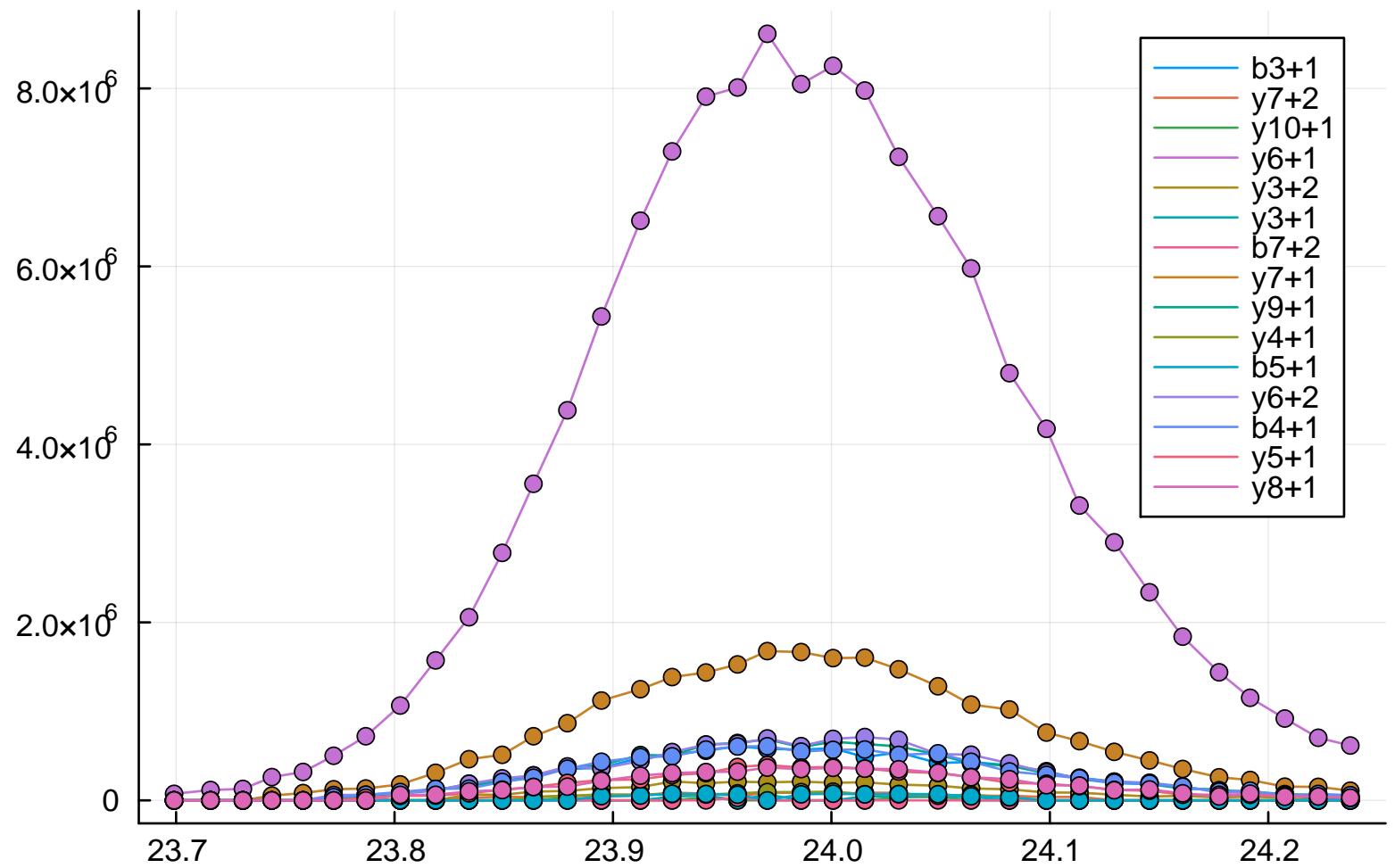
KIT- AVPVVSVSK[Hlys]



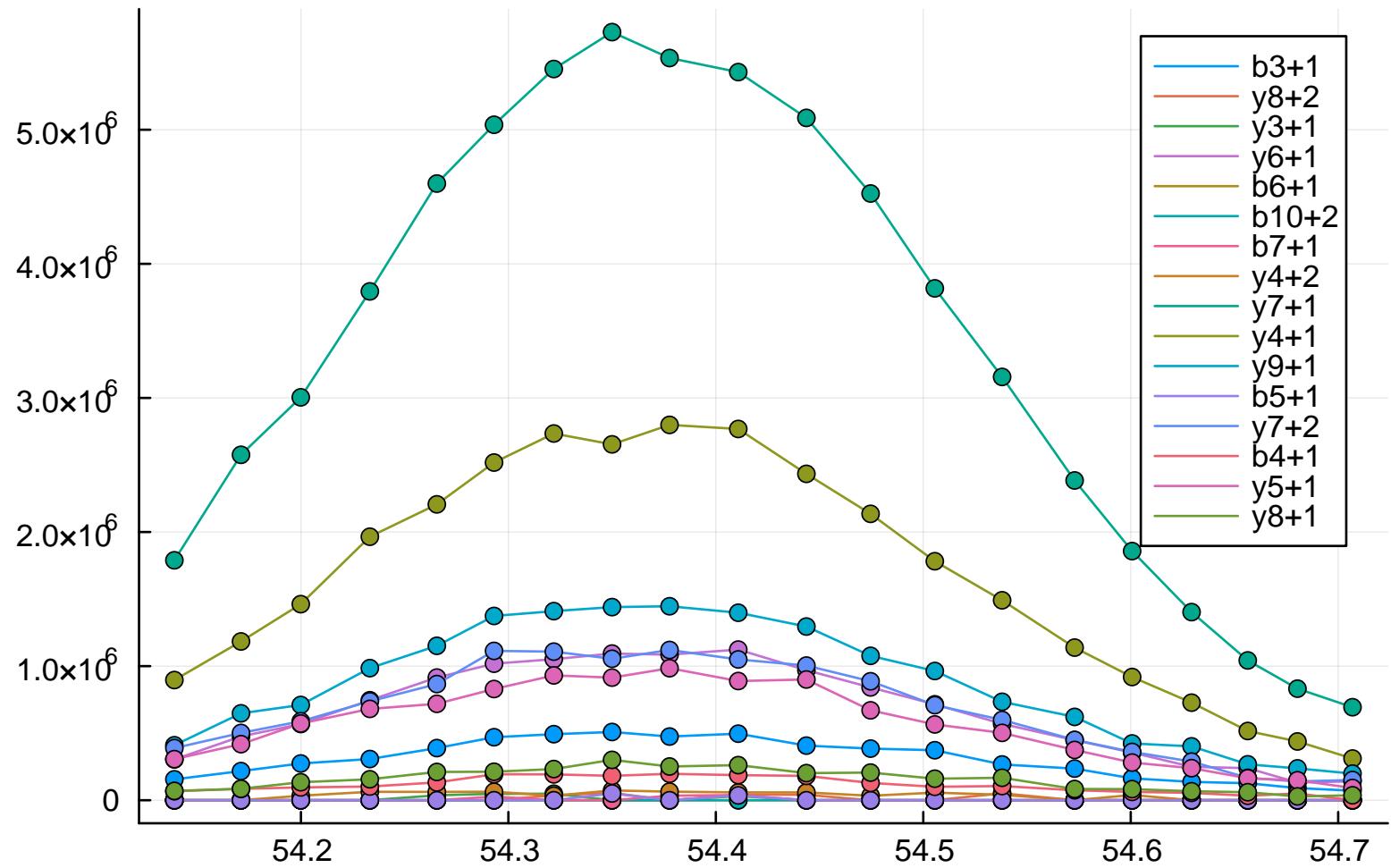
KIT- LVVQSSIDSSAFK[Hlys]



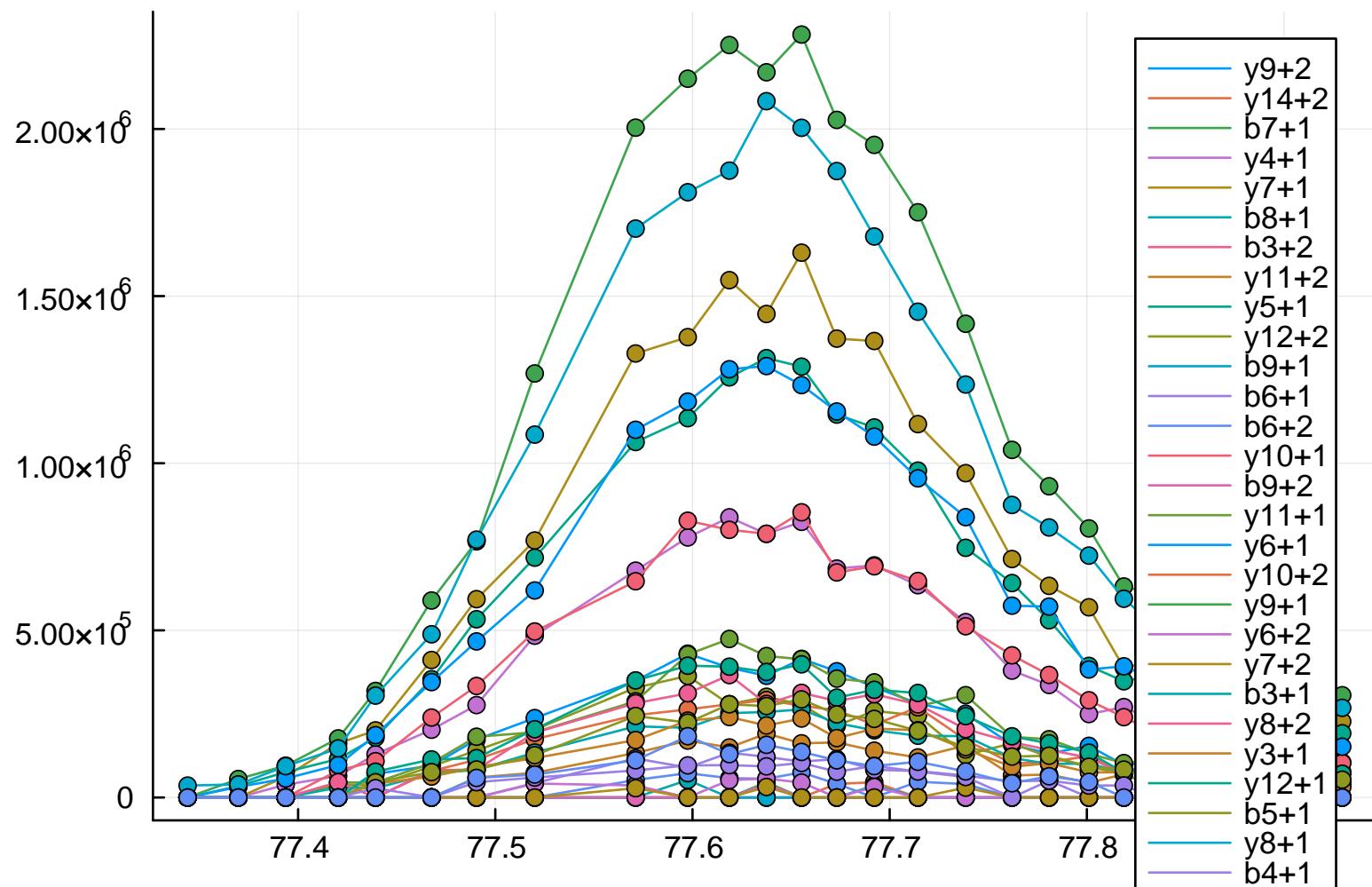
KKCC1- AASVIPGSTSR[Harg]



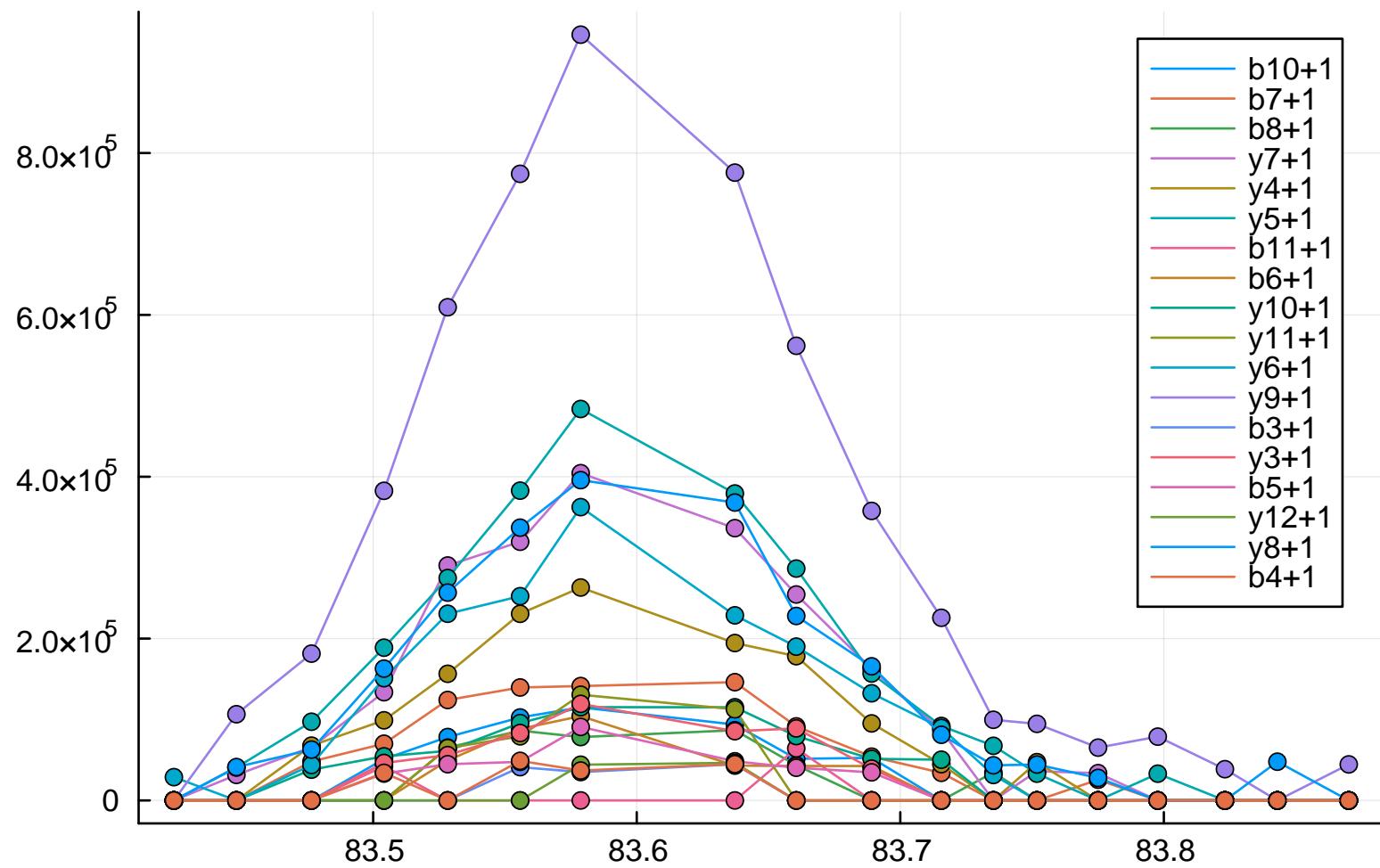
KKCC1- SFGNPFEQPQAR[Harg]



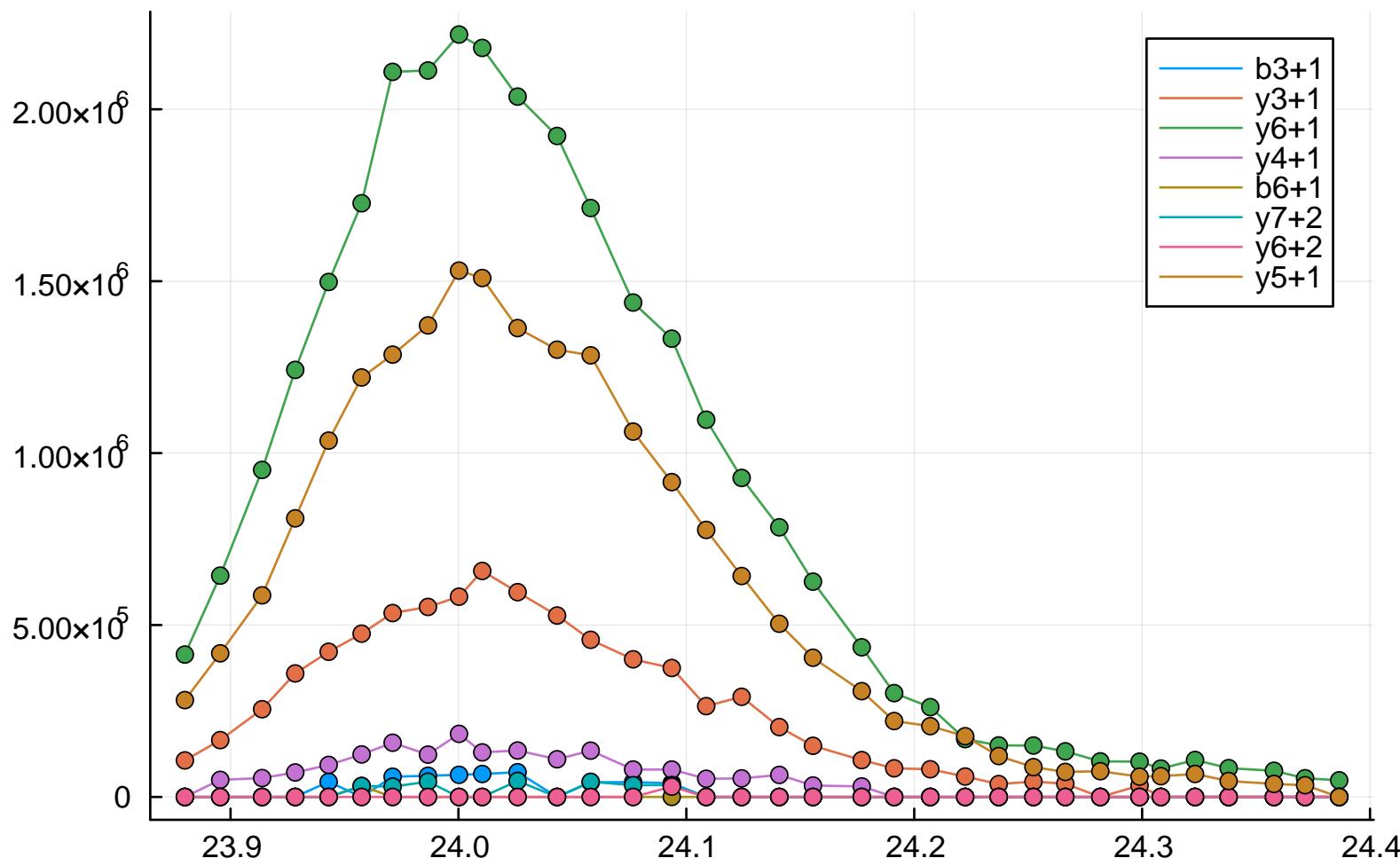
LATS1- FYIAELTC[Carb]AVESVHK[Hlys]



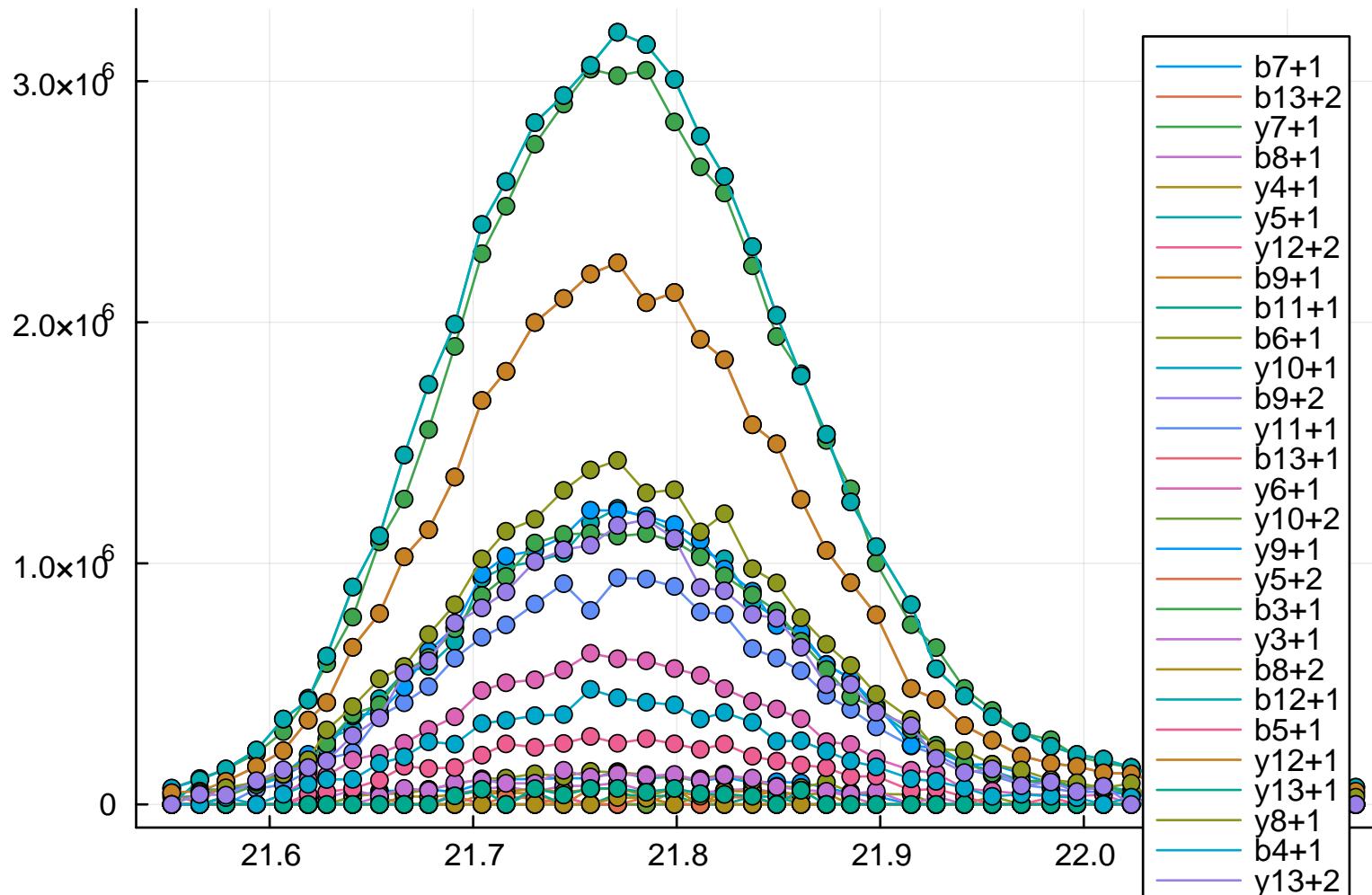
LATS1- LWSDDNEEENVNDTLNGWYK[Hlys]



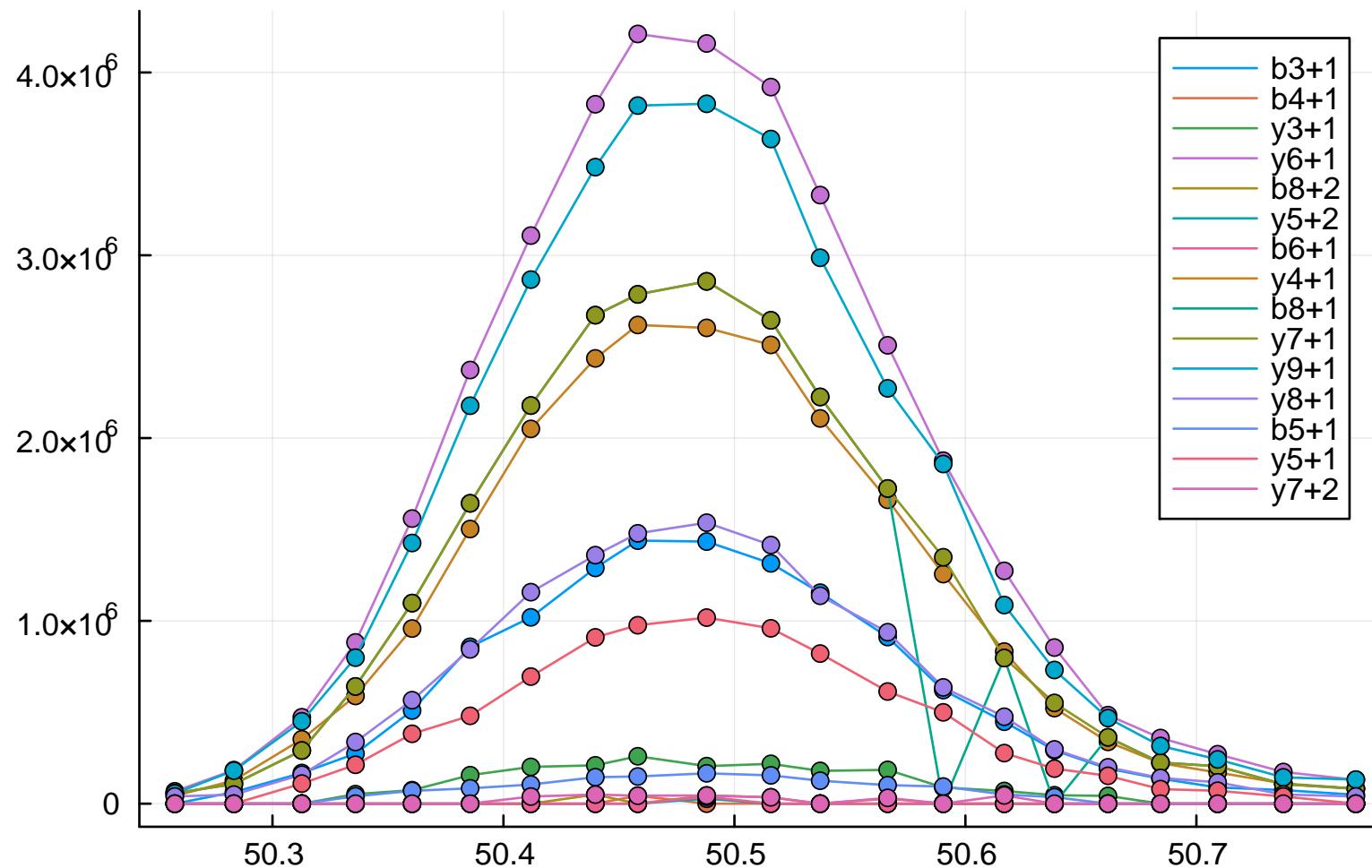
LIMK1- GC[Carb]FGQAIK[Hlys]



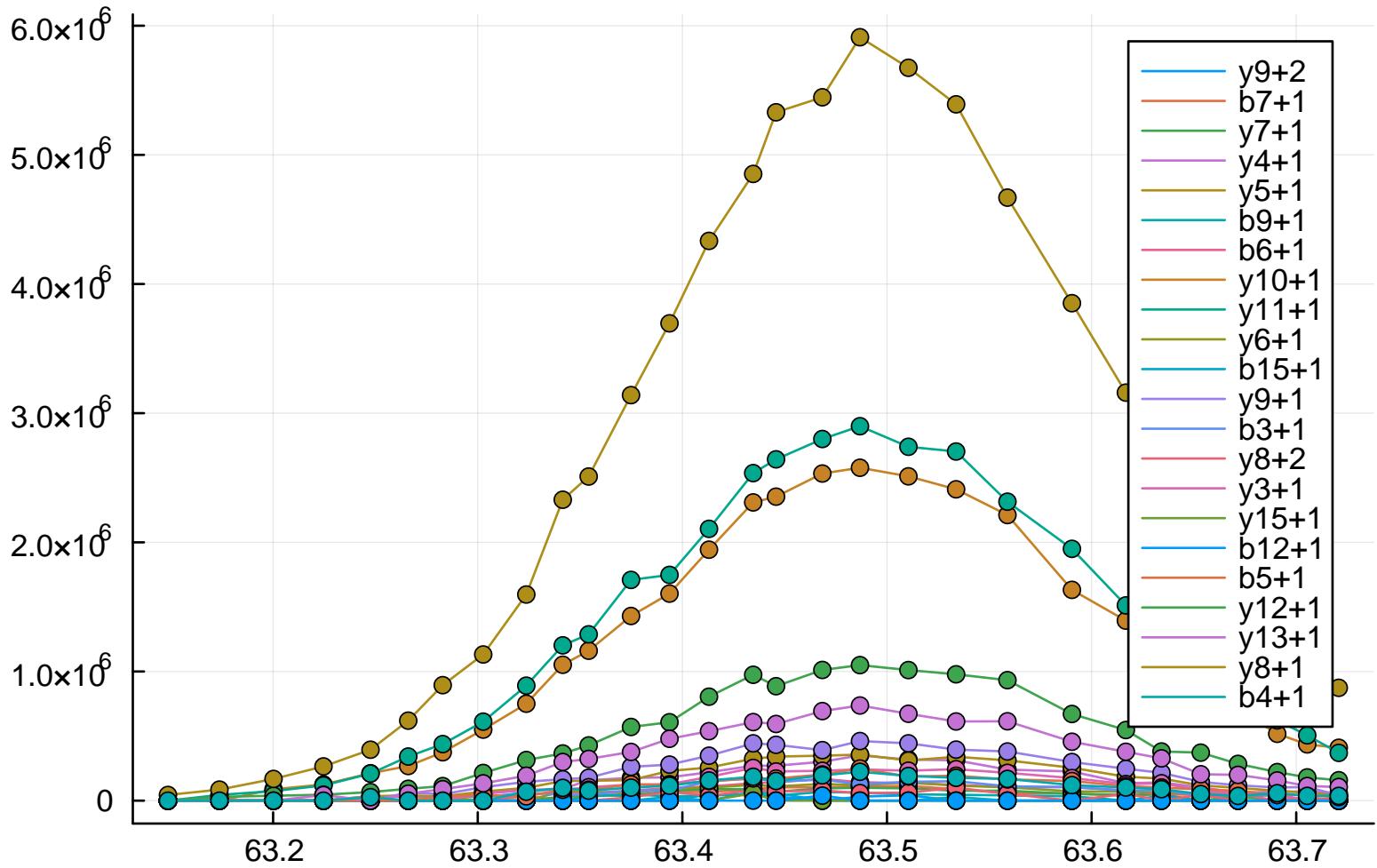
LIMK1- SPGAGSLGSPASQR[Harg]



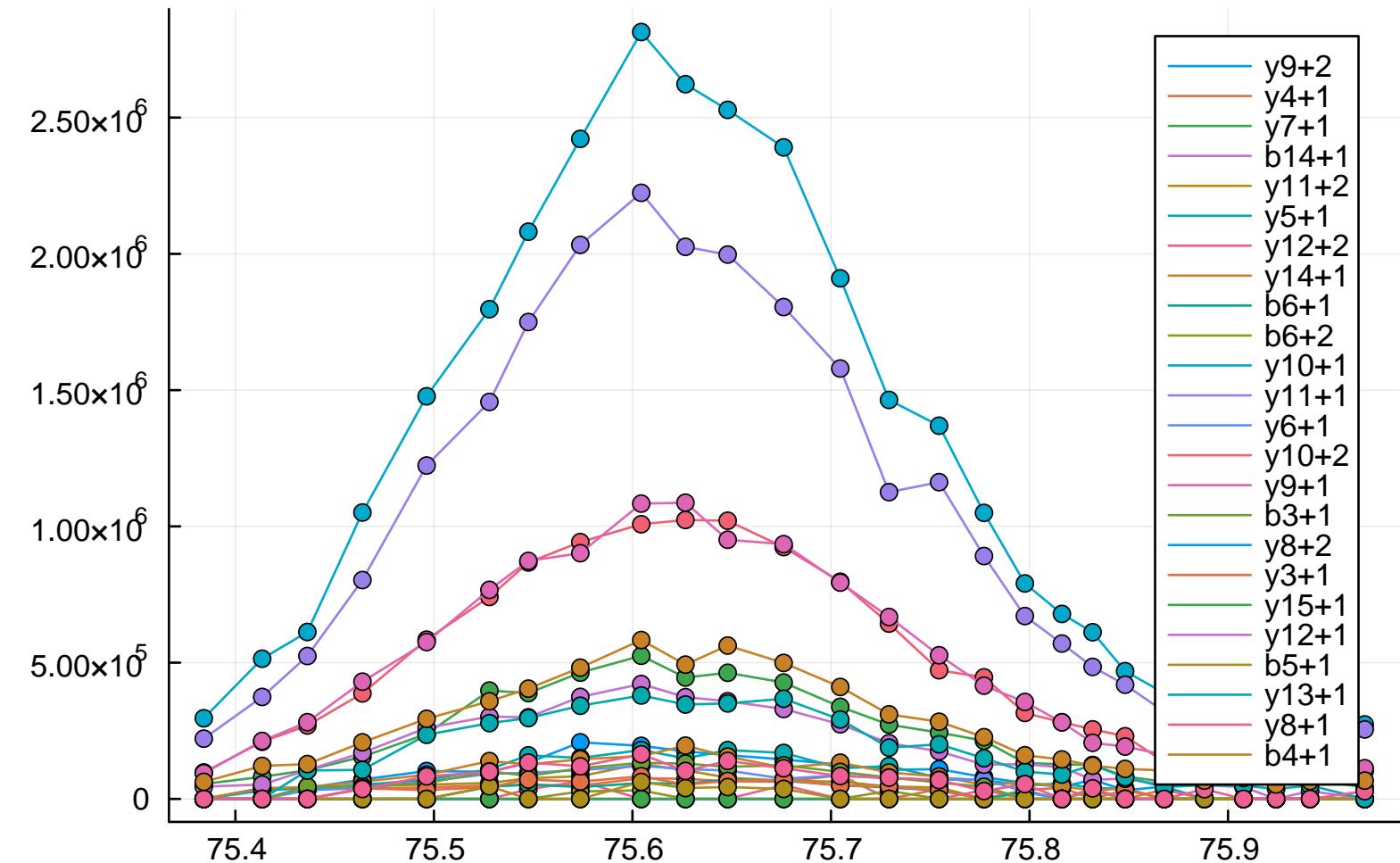
LMTK2- VGDYGIGFSR[Harg]



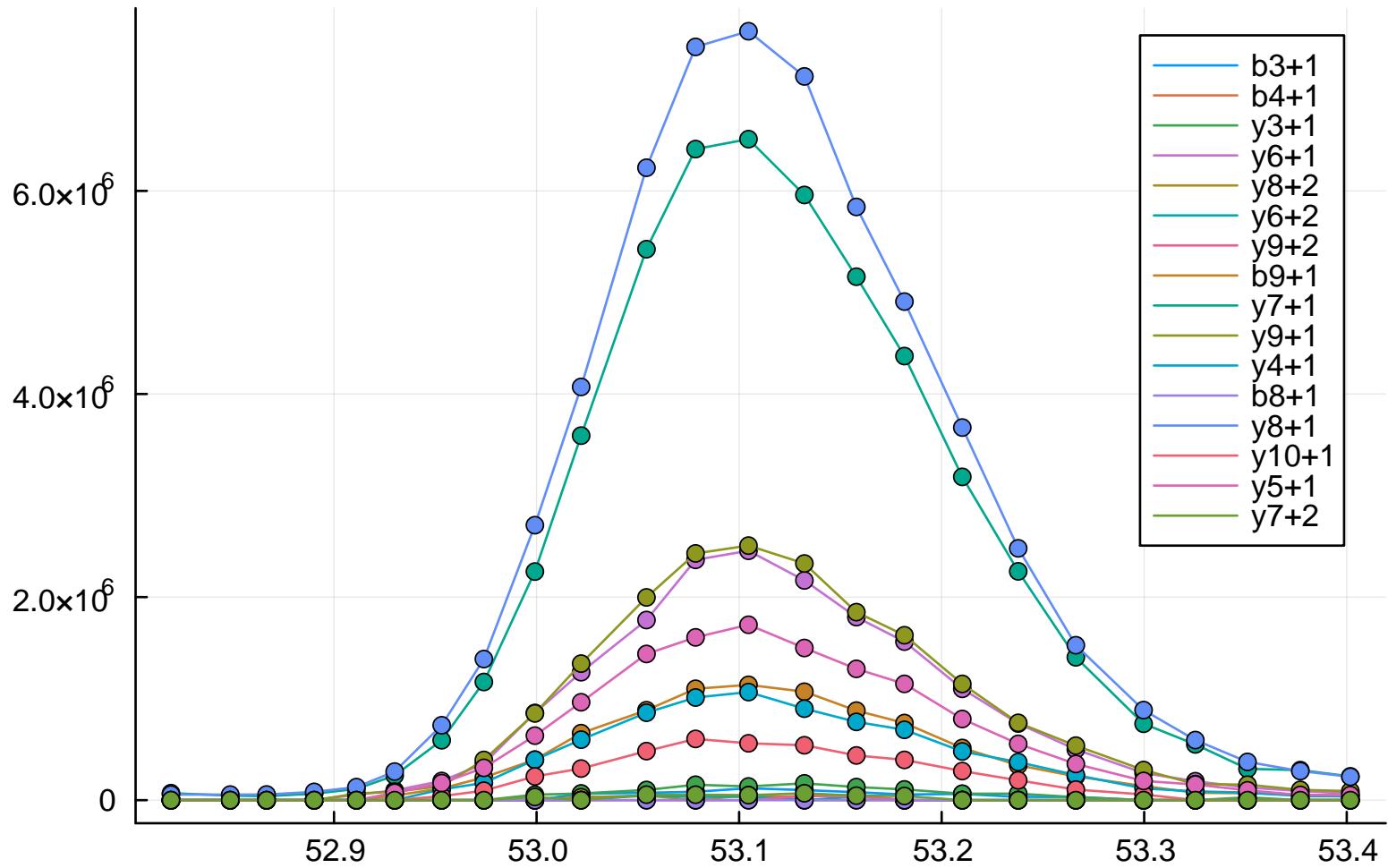
LMTK3- GAGETLAGDPAEVLGER[Harg]



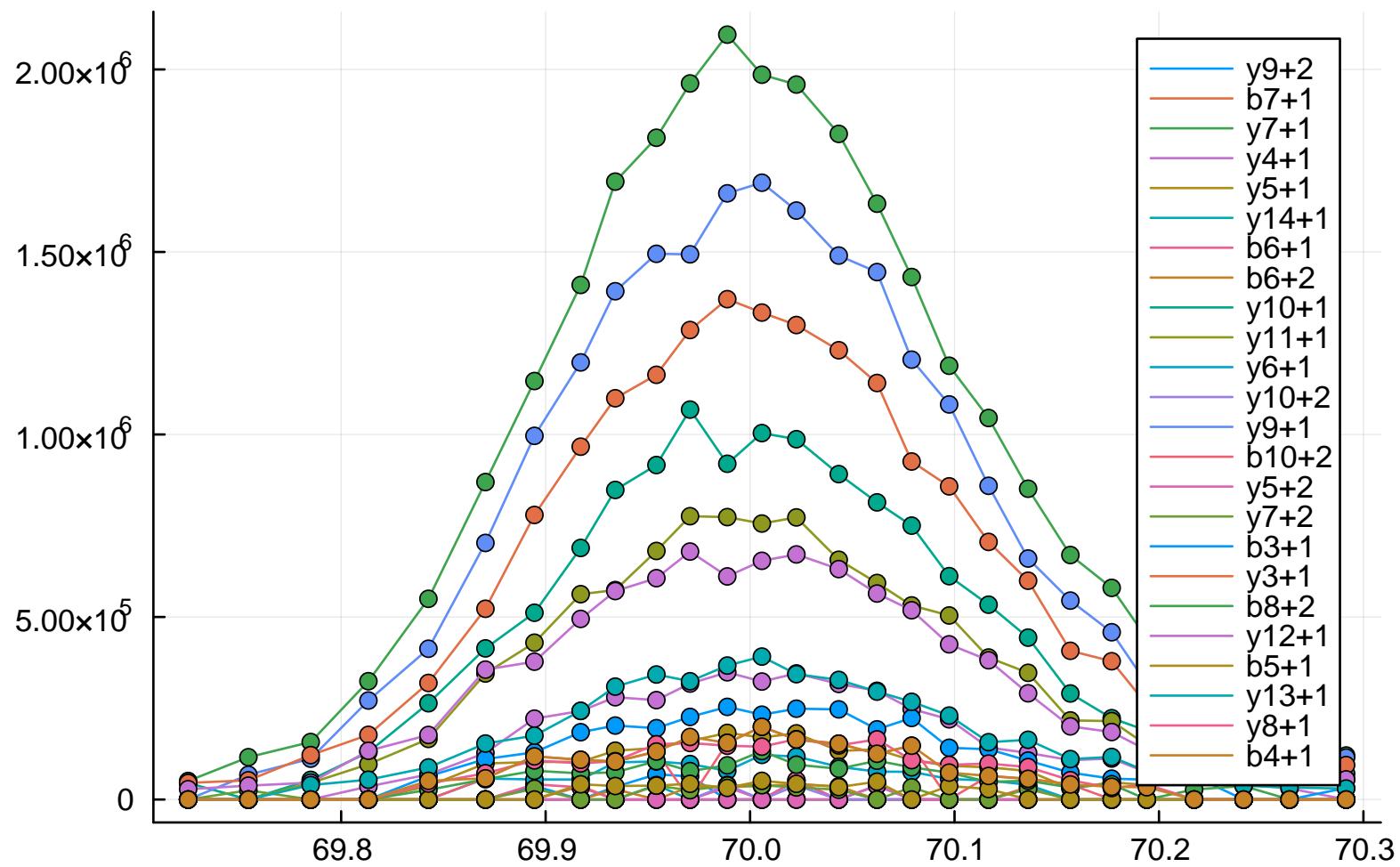
LMTK3- LFLDLGPPQGNSEQIK[Hlys]



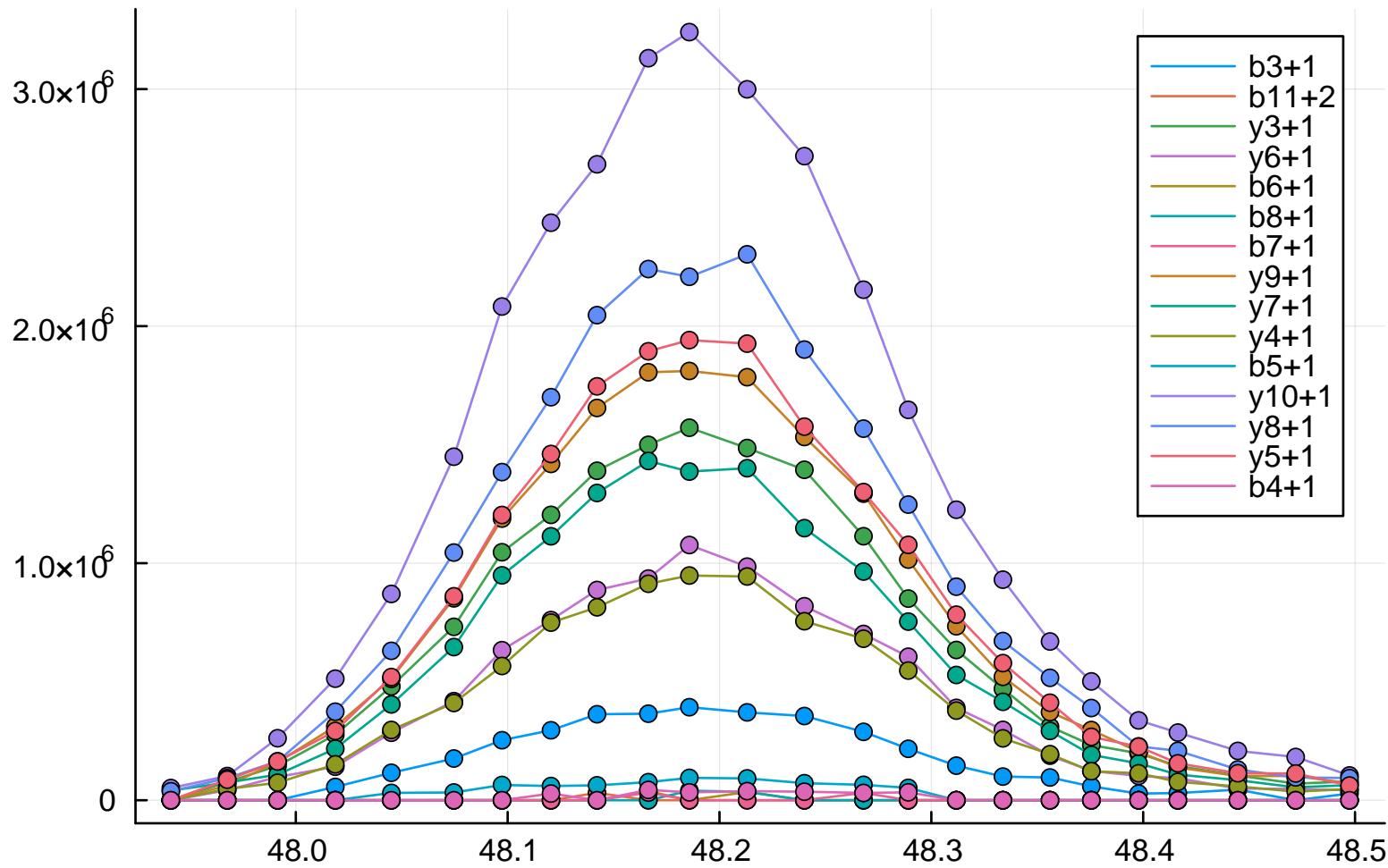
LRRK1- VTIYSFTGNQR[Harg]



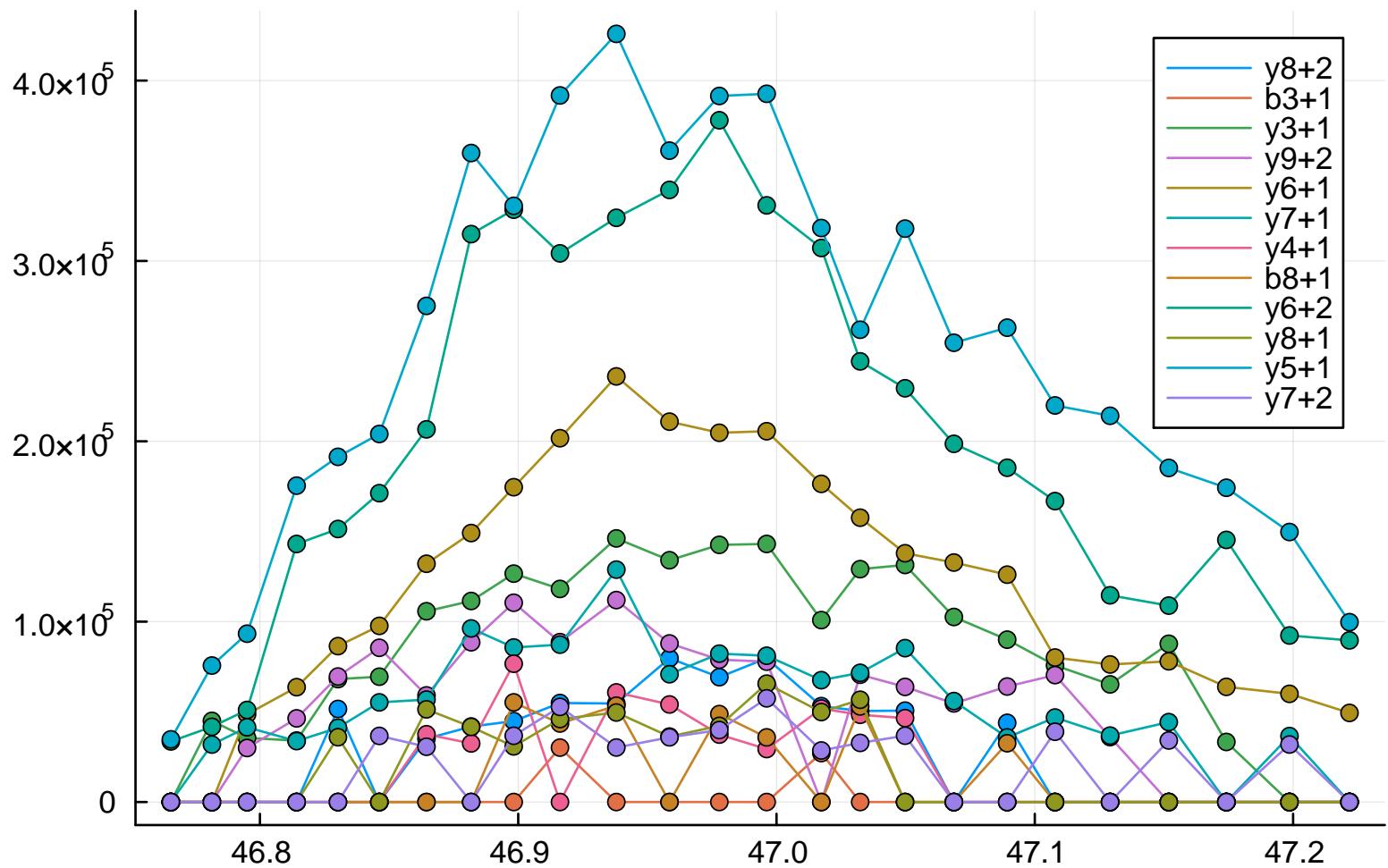
LRRK1- YFIEASPLPSSYPGK[Hlys]



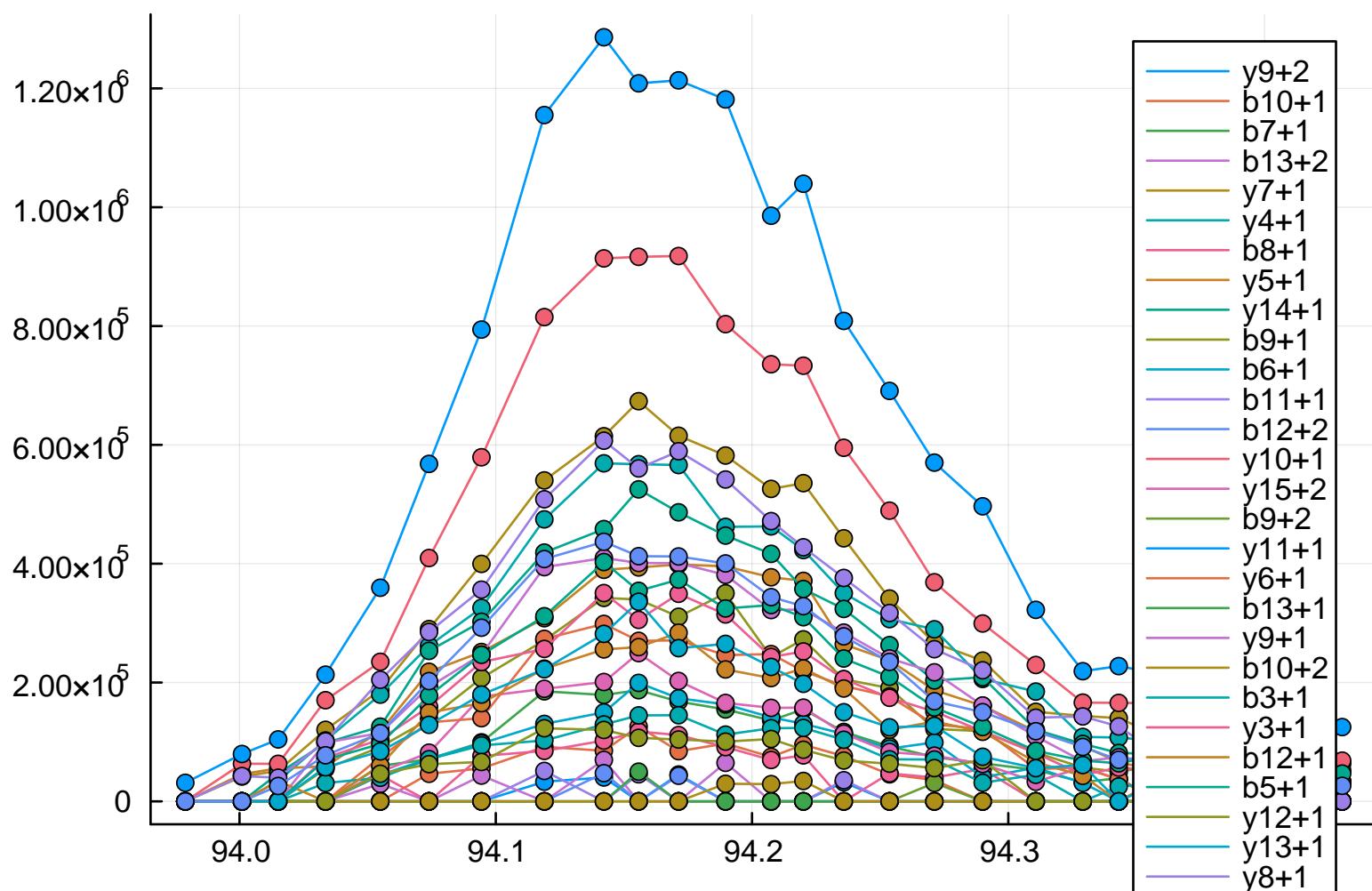
LYN- SLDNGGYYISPR[Harg]



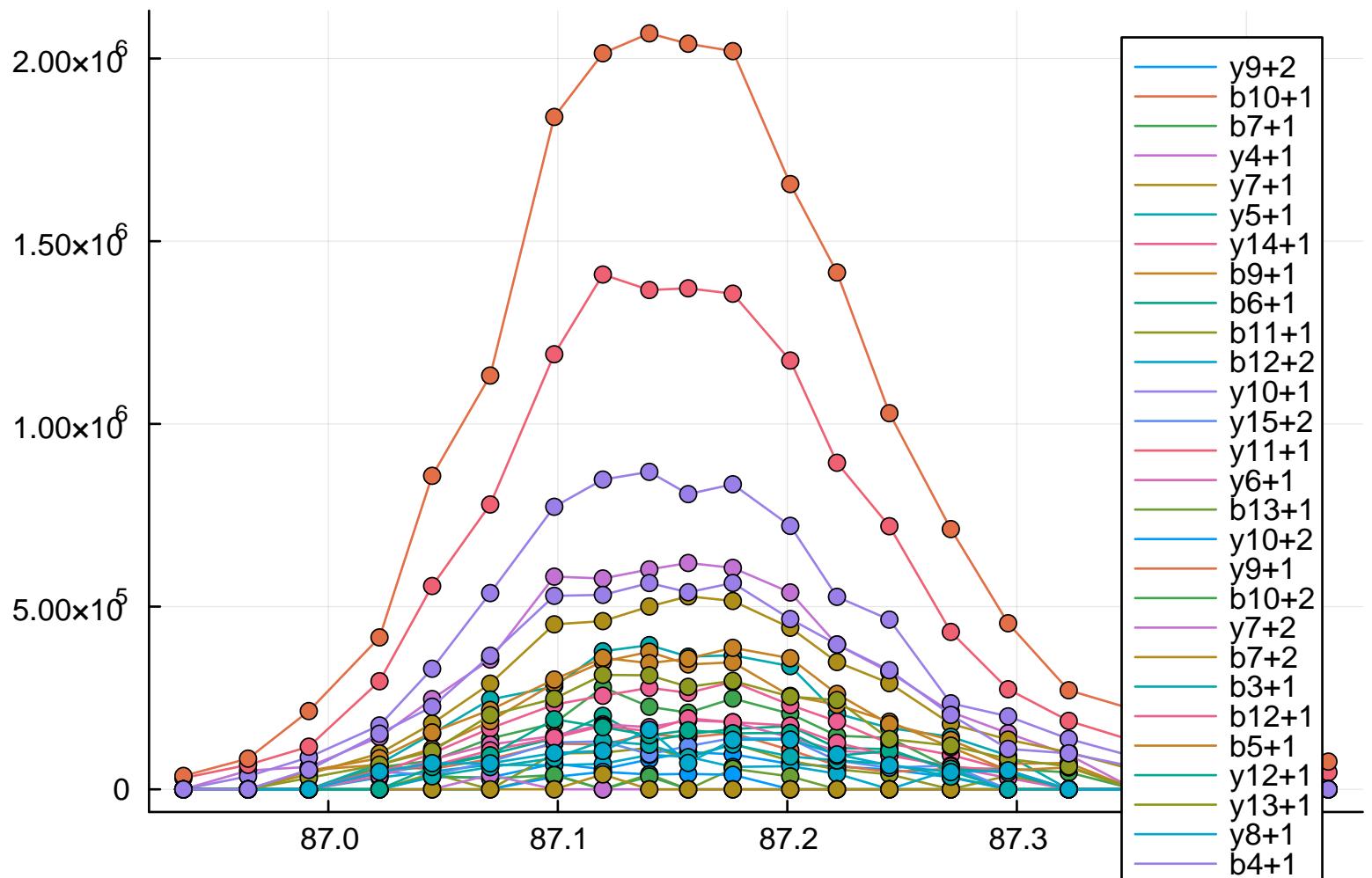
LYN- VLEEHGEWWK[Hlys]



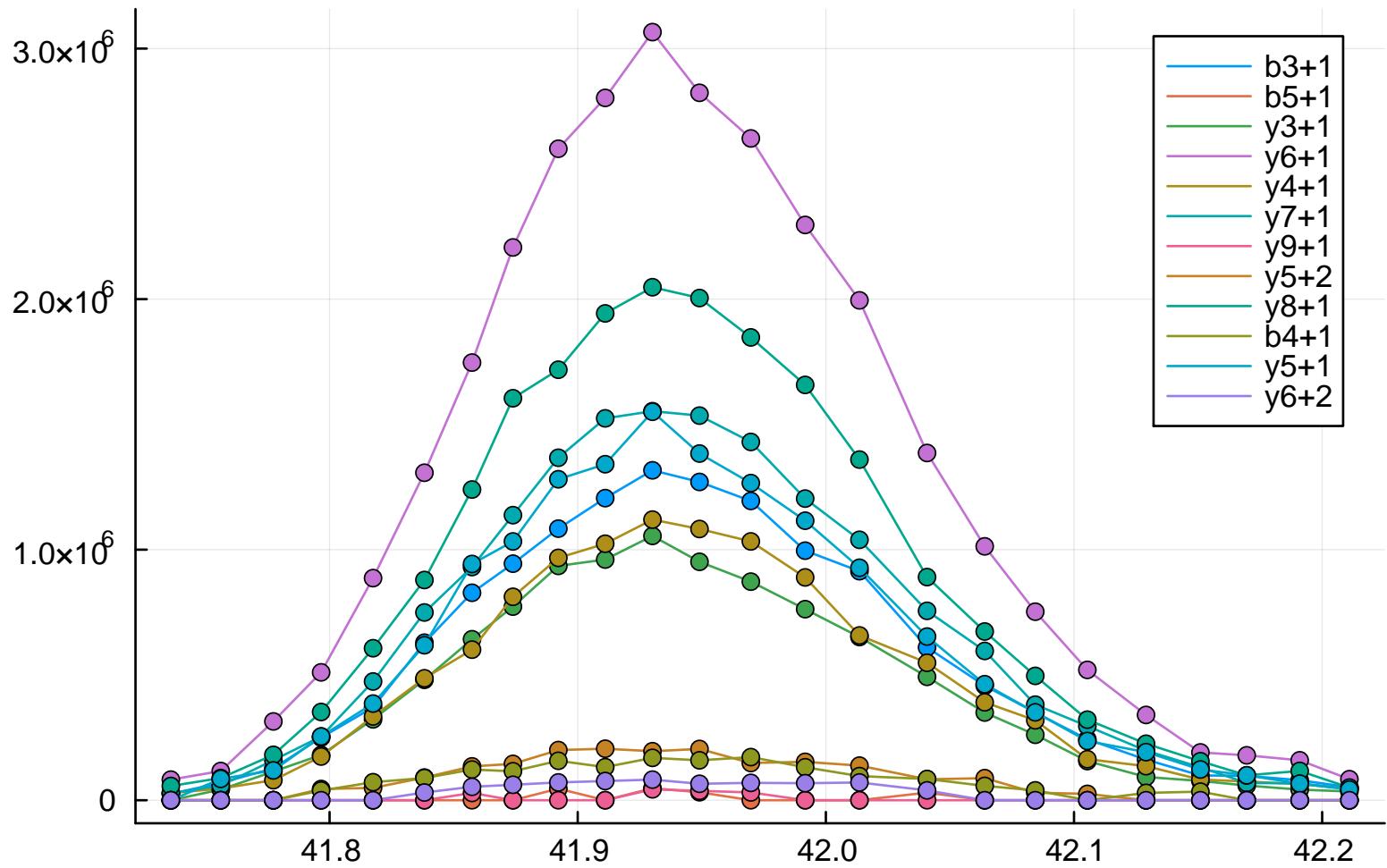
MAP2K1- LPSGVFSLEFQDFVNK[Hlys]



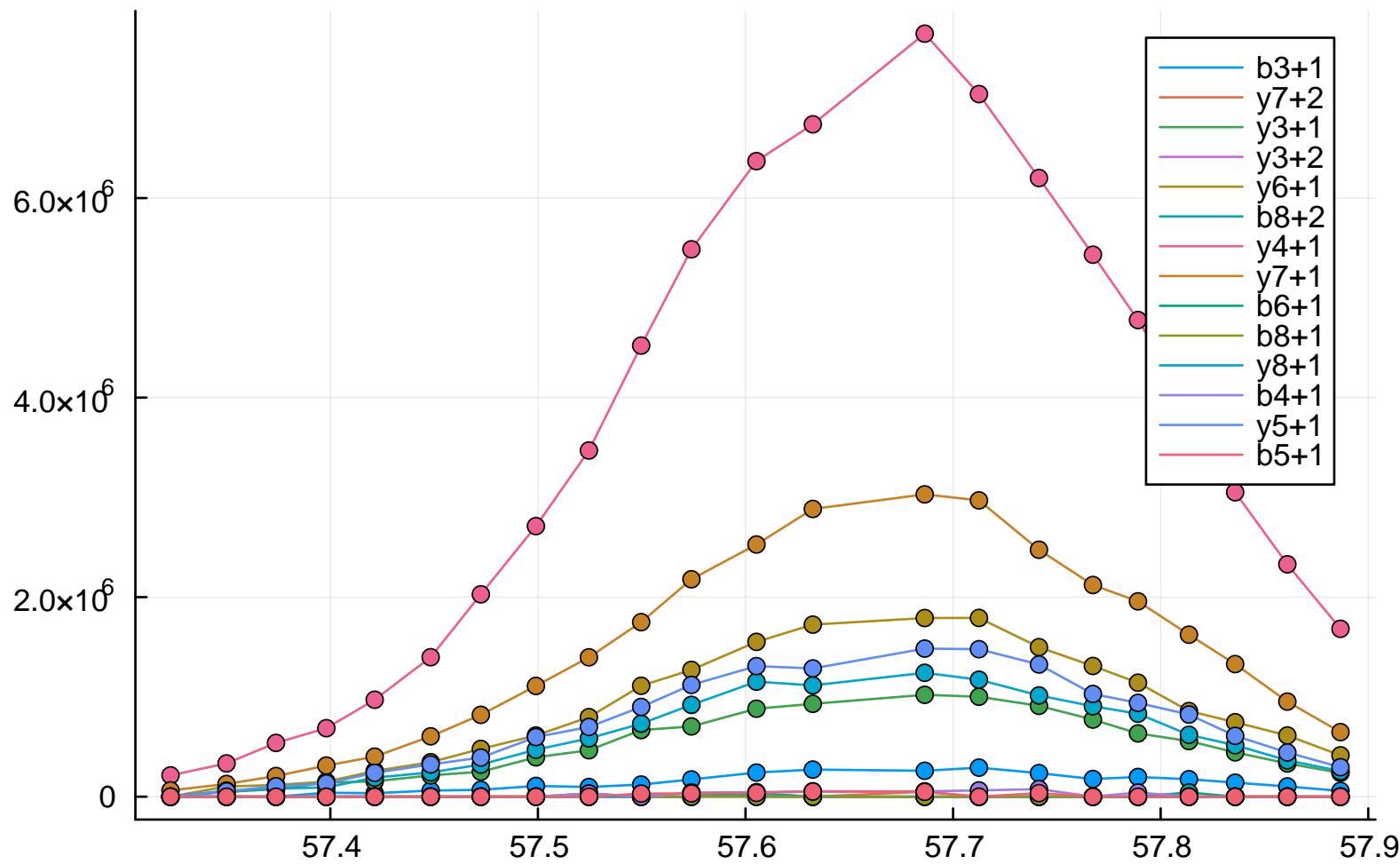
MAP2K2- LPNGVFTPDPFQEfvNK[Hlys]



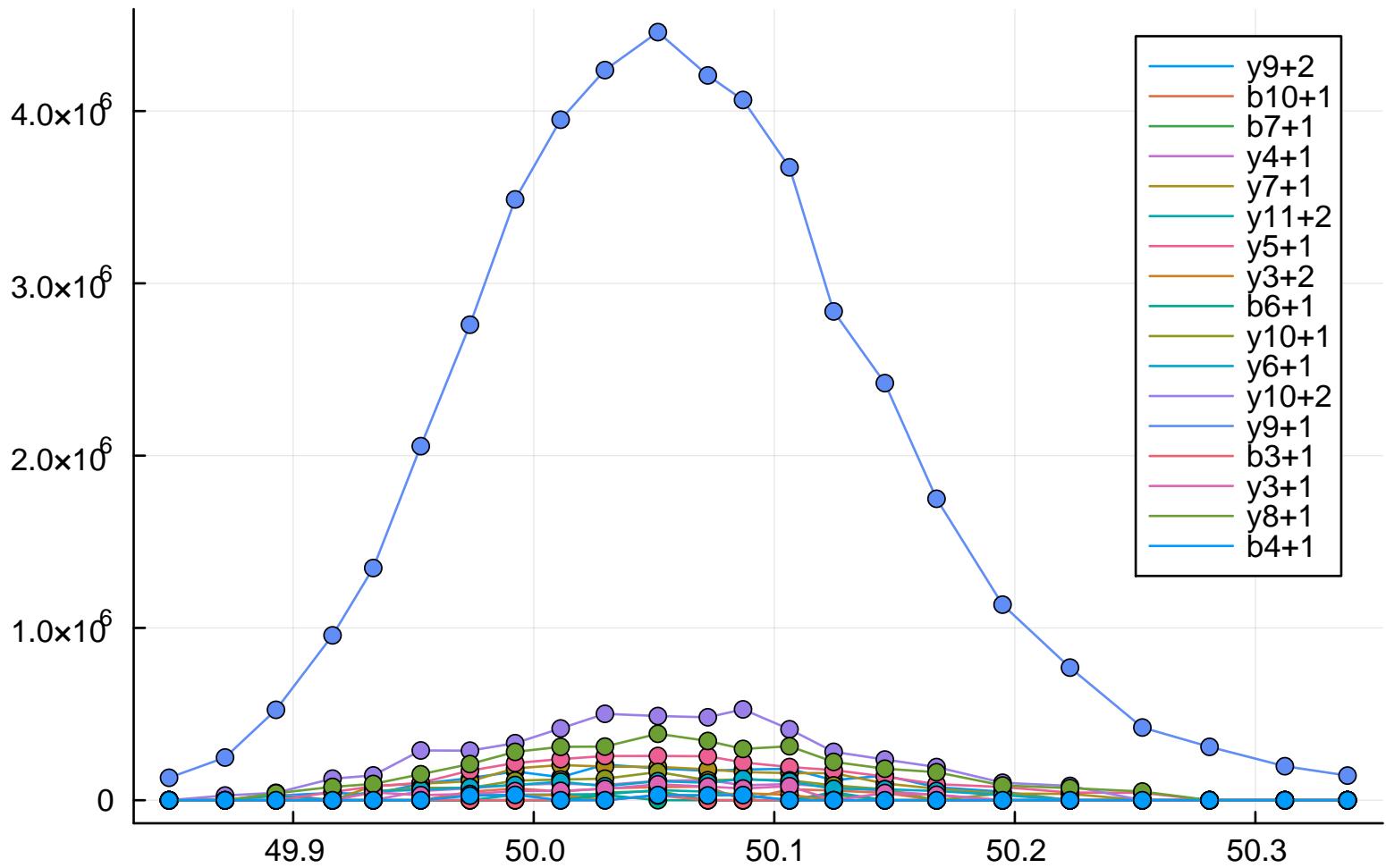
MAP2K4- AVEVAC[Carb]YVC[Carb]K[Hlys]



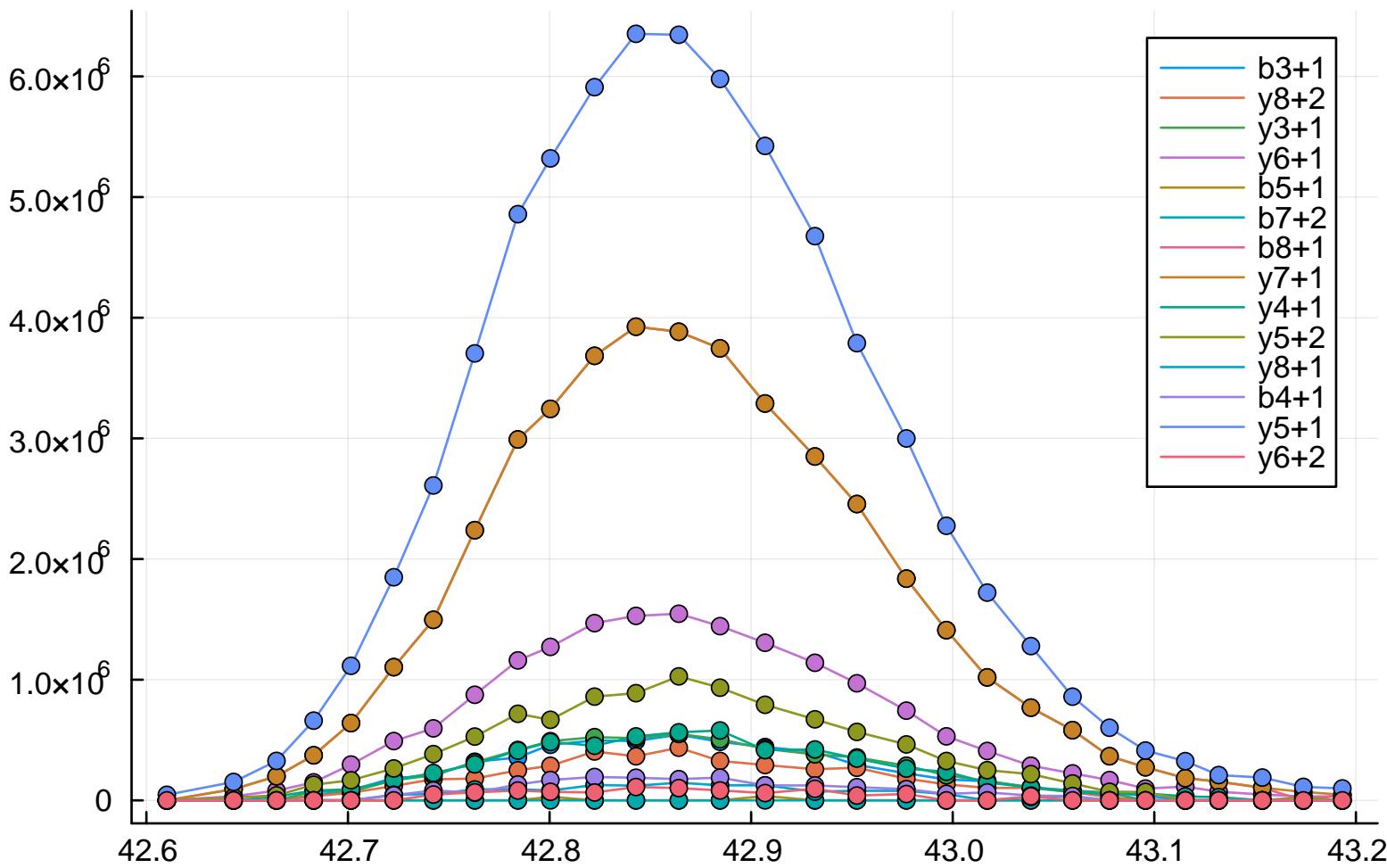
MAP2K4- LNFANPPFK[Hlys]



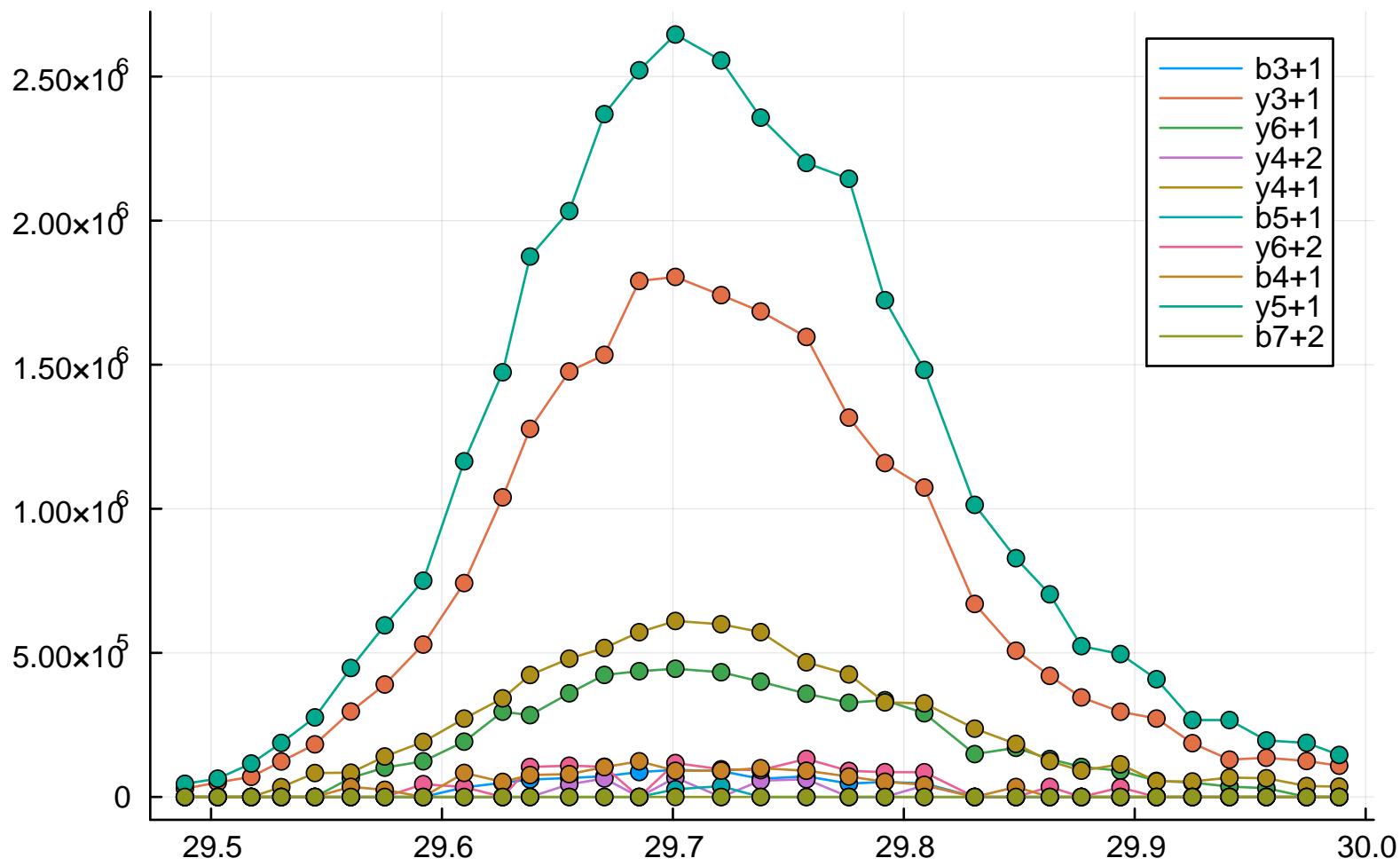
MAP2K7- DVKPSNILLDER[Harg]



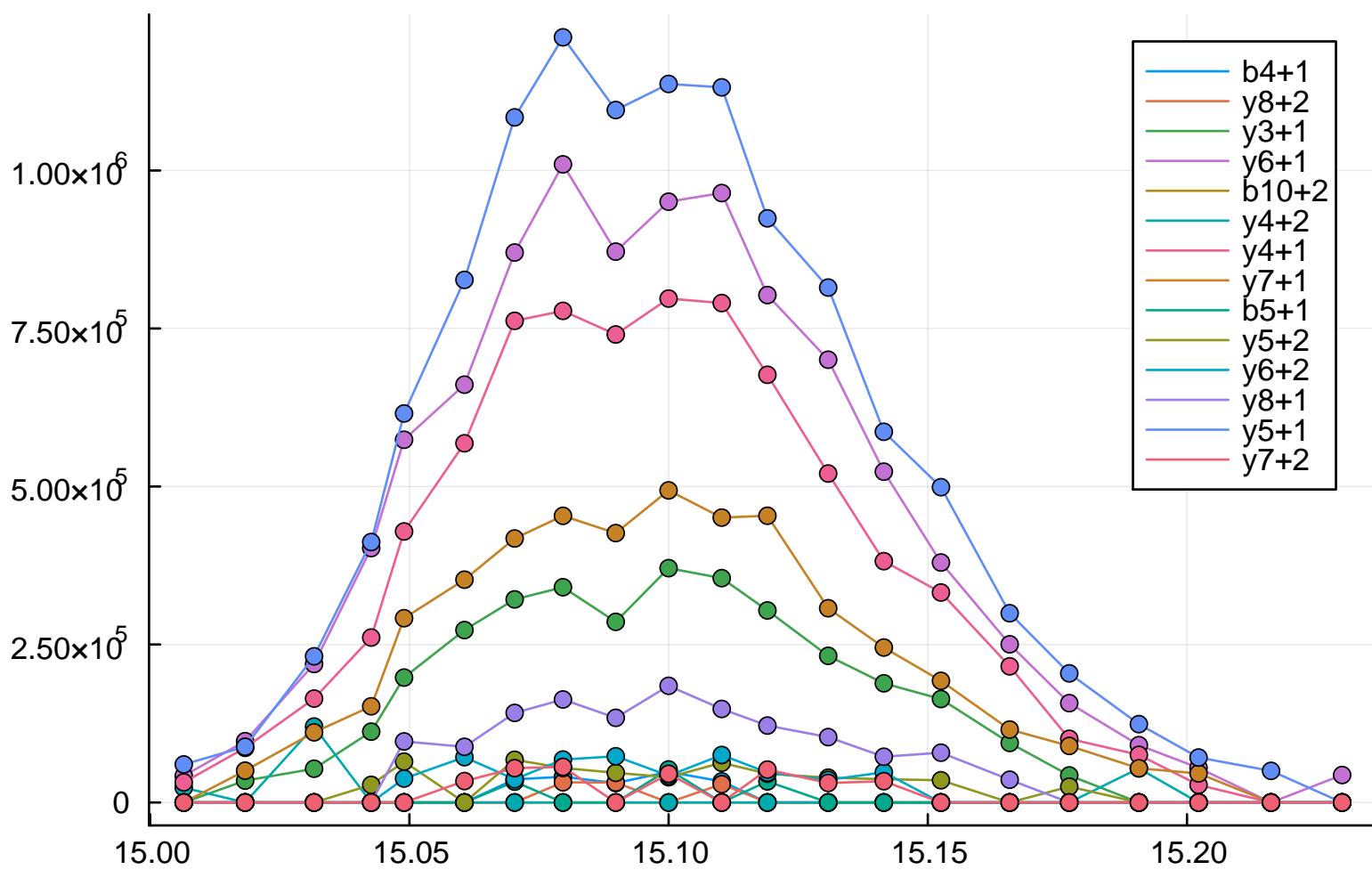
MAP3K3- SPSAPINWR[Harg]



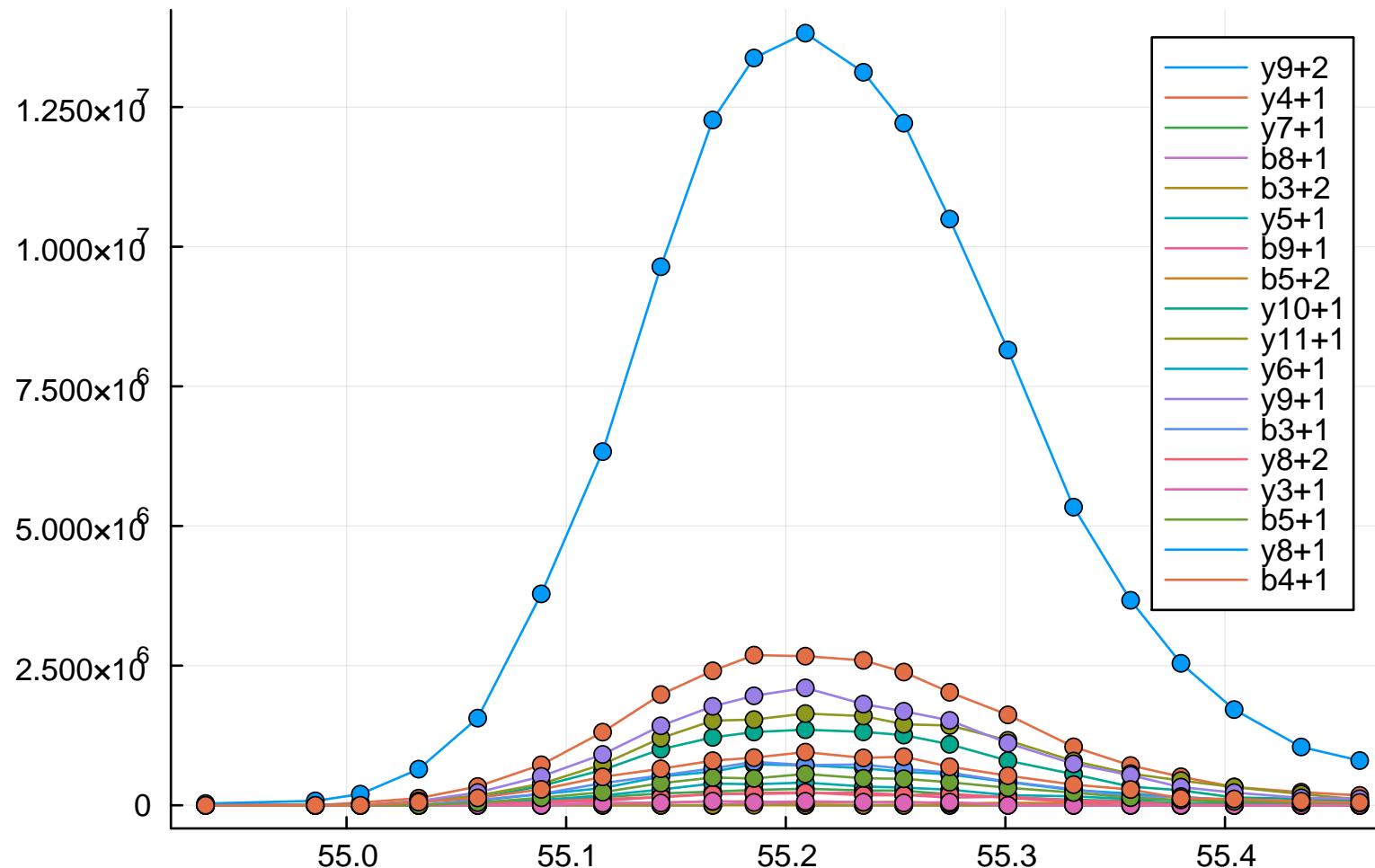
MAP3K7- GA^GVVC[Carb]K[H]lys



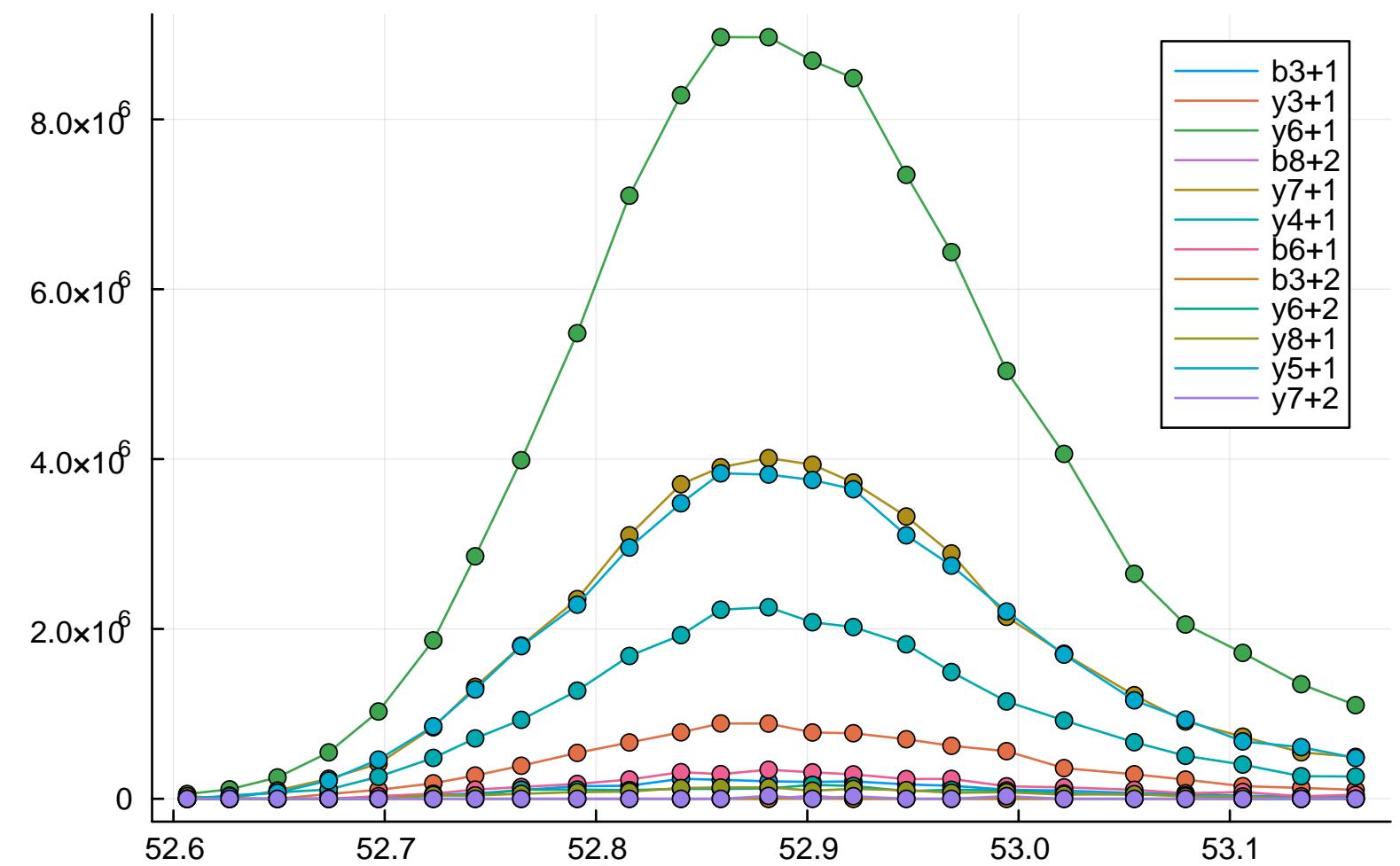
MAP3K7- IAATTAYSKPK[Hlys]



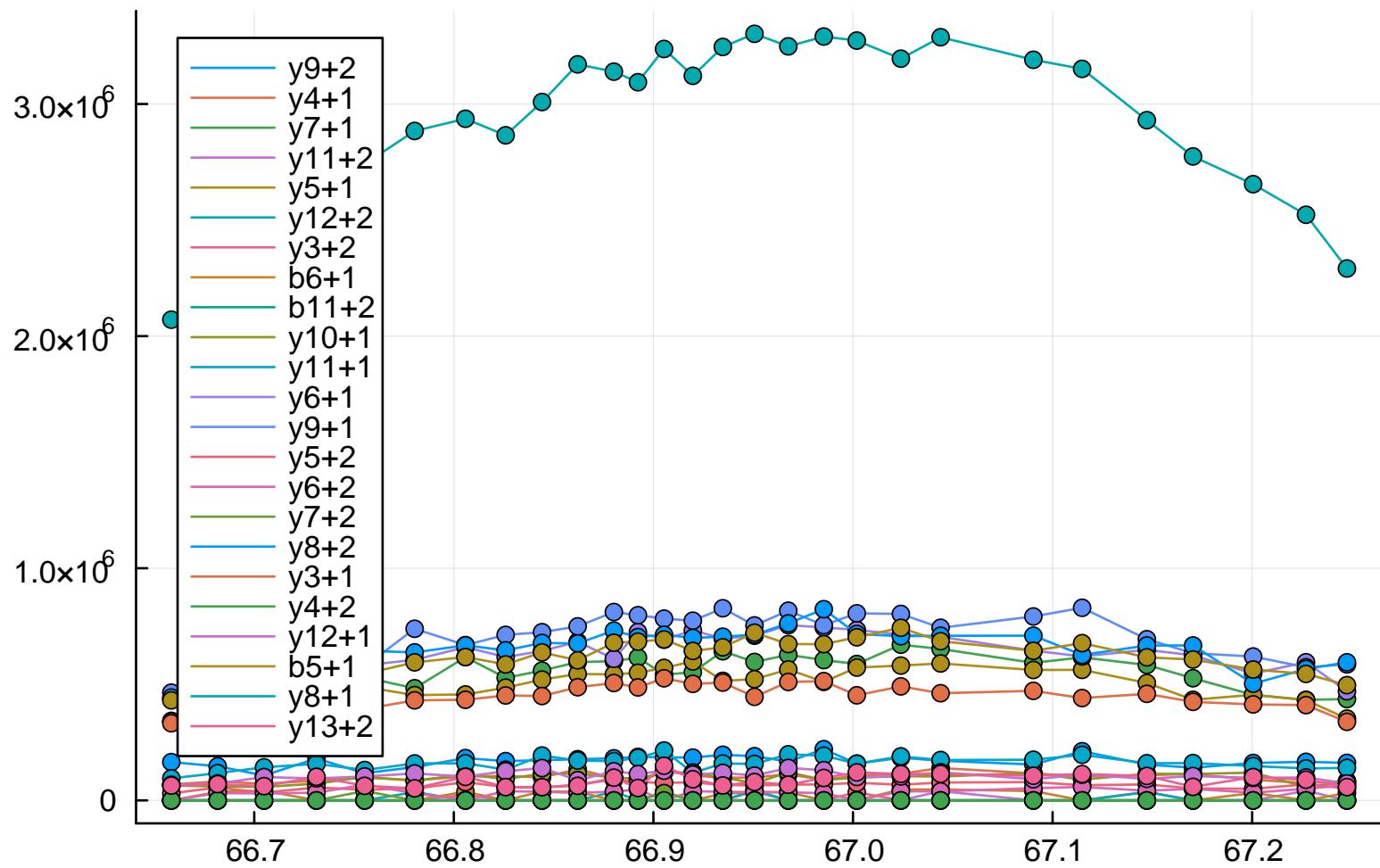
MAP4K2- LQQQVPLSIPTNR[Harg]



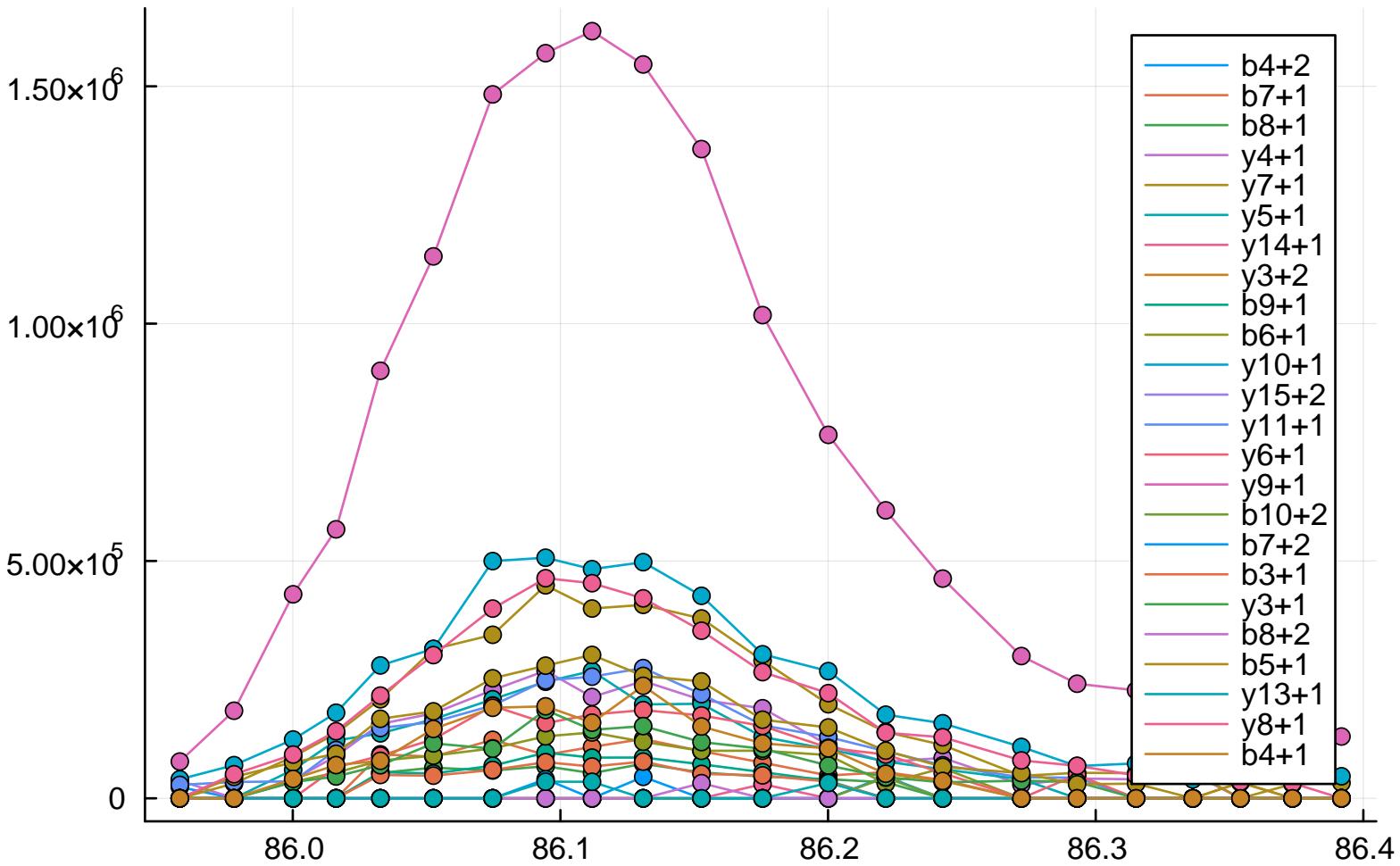
MAPK1- ELIFEETAR[Harg]



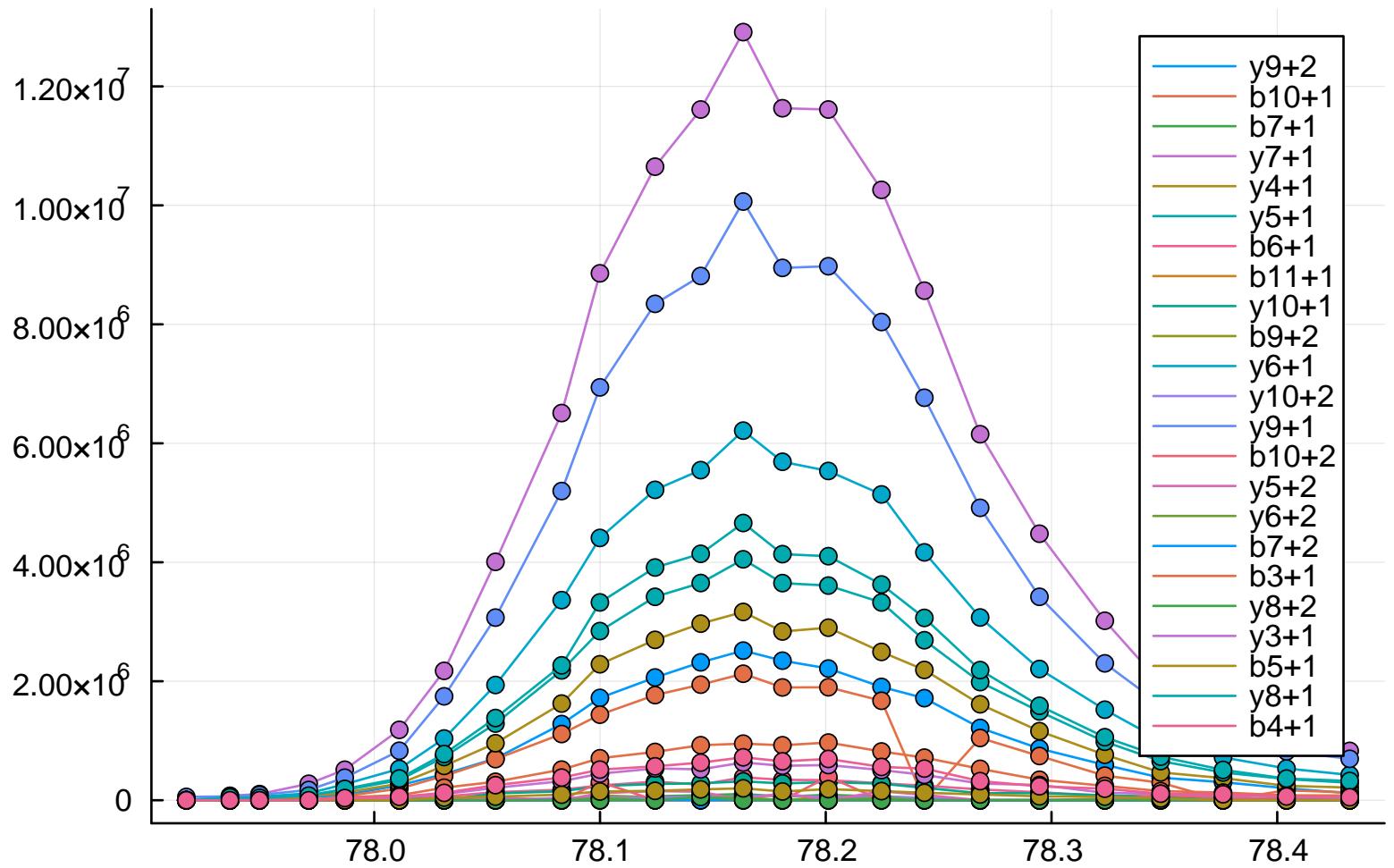
MAPK10- LFPDSLFPADSEHNK[Hlys]



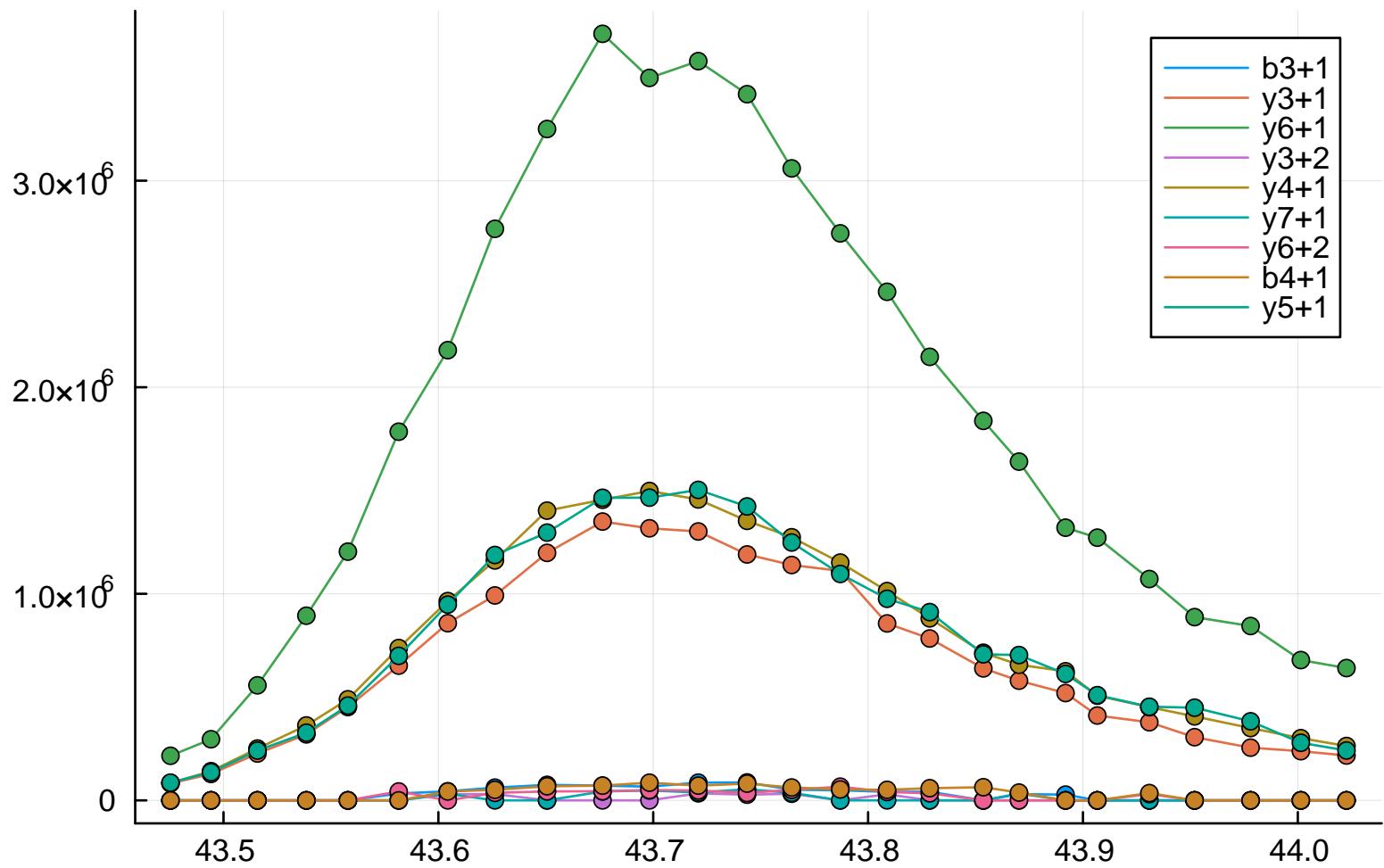
MAPK10- VDNQFY SVEVG DSTFTVLK[Hlys]



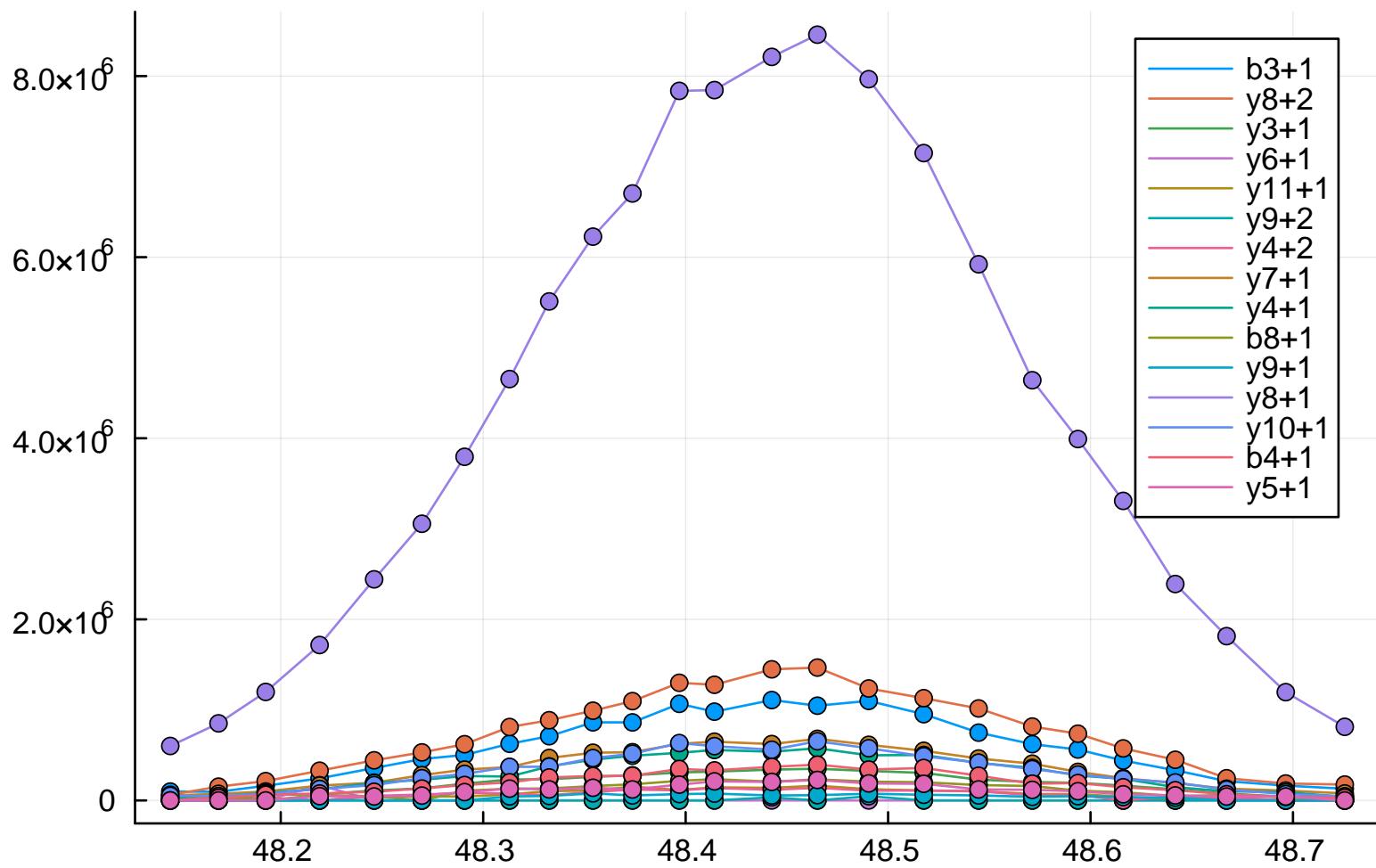
MAPK11- GANPLAIDLLGR[Harg]



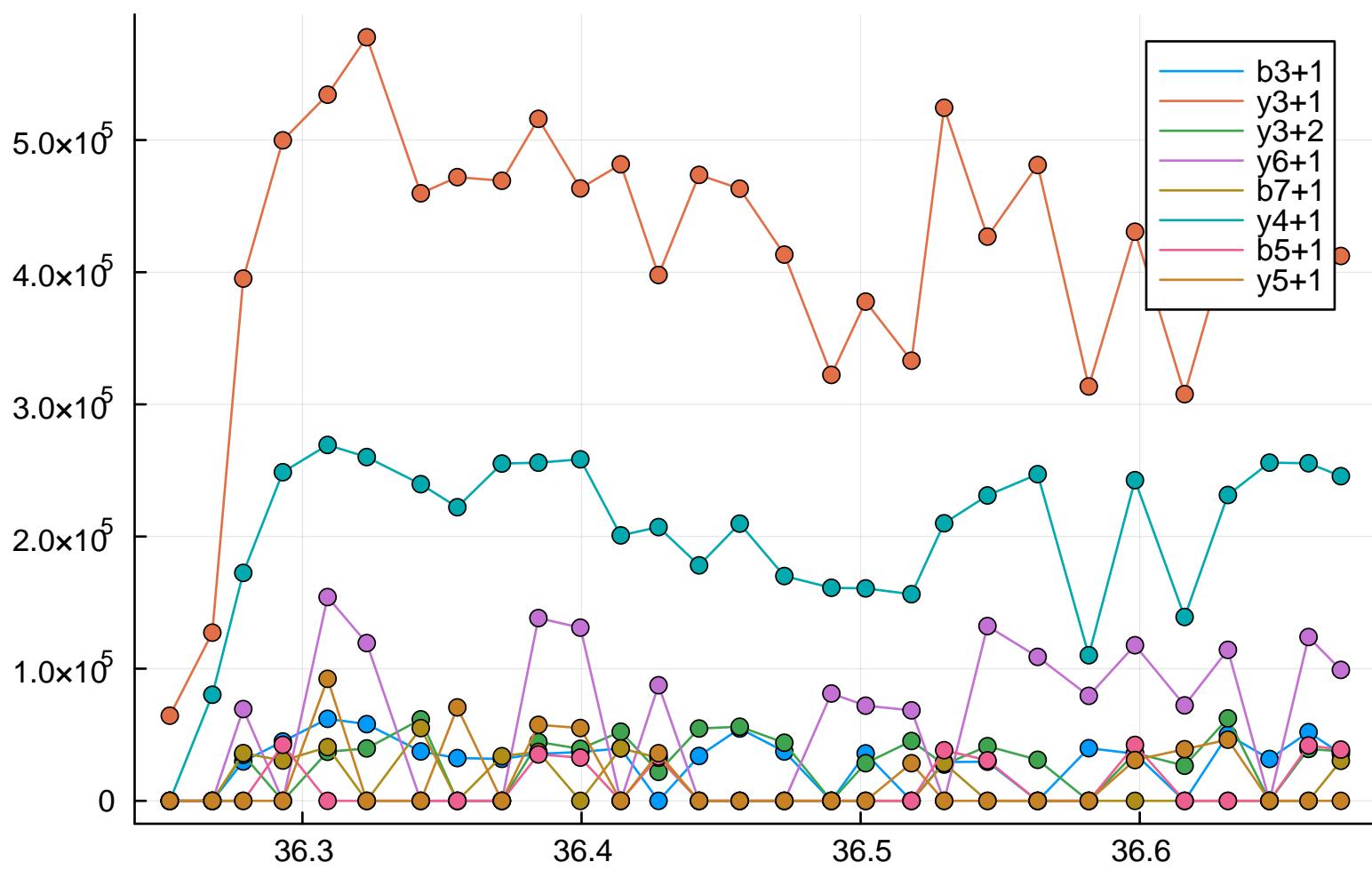
MAPK11- TVWEVPQR[Harg]



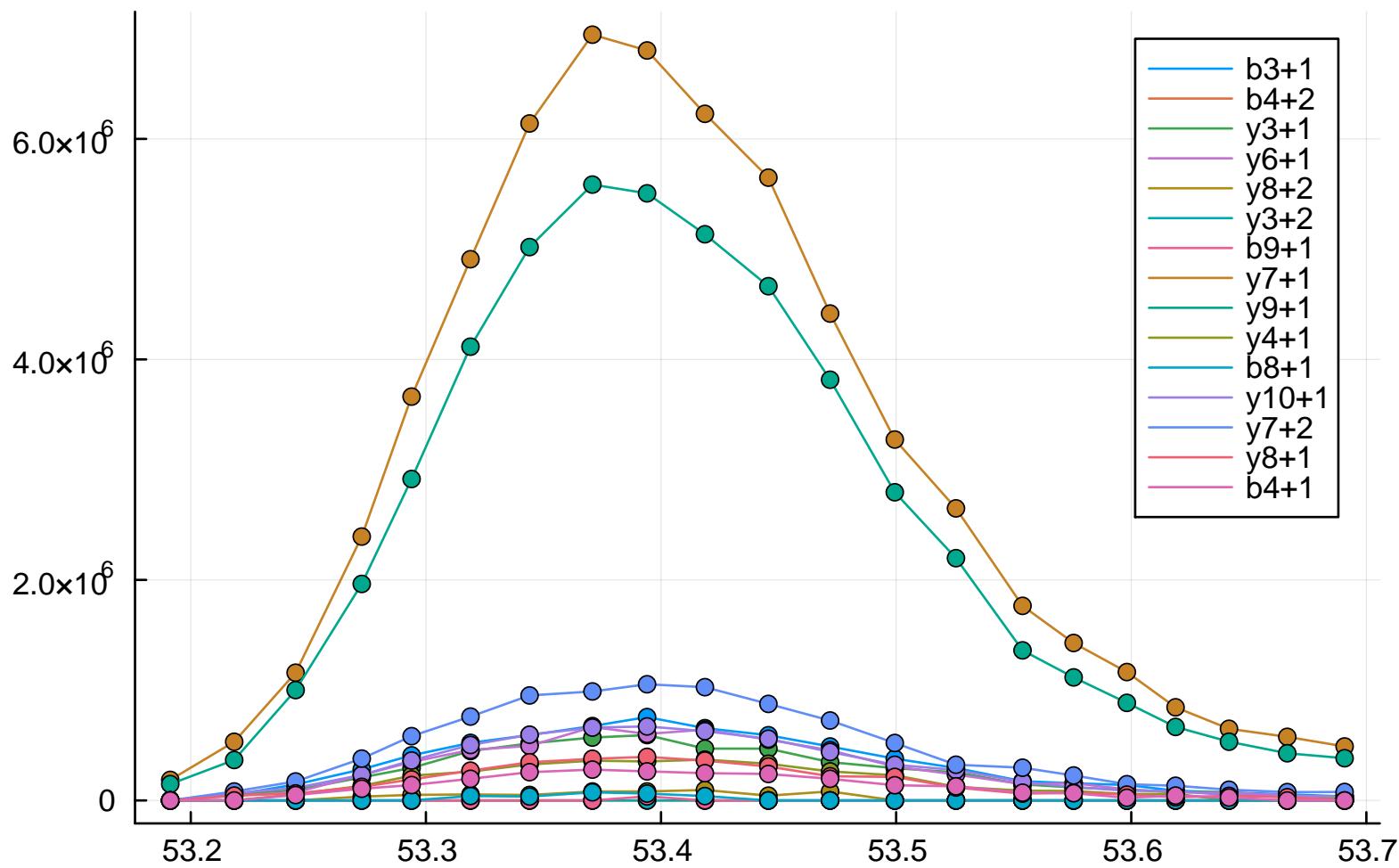
MAPK13- VTGVPGTEFVQK[Hlys]



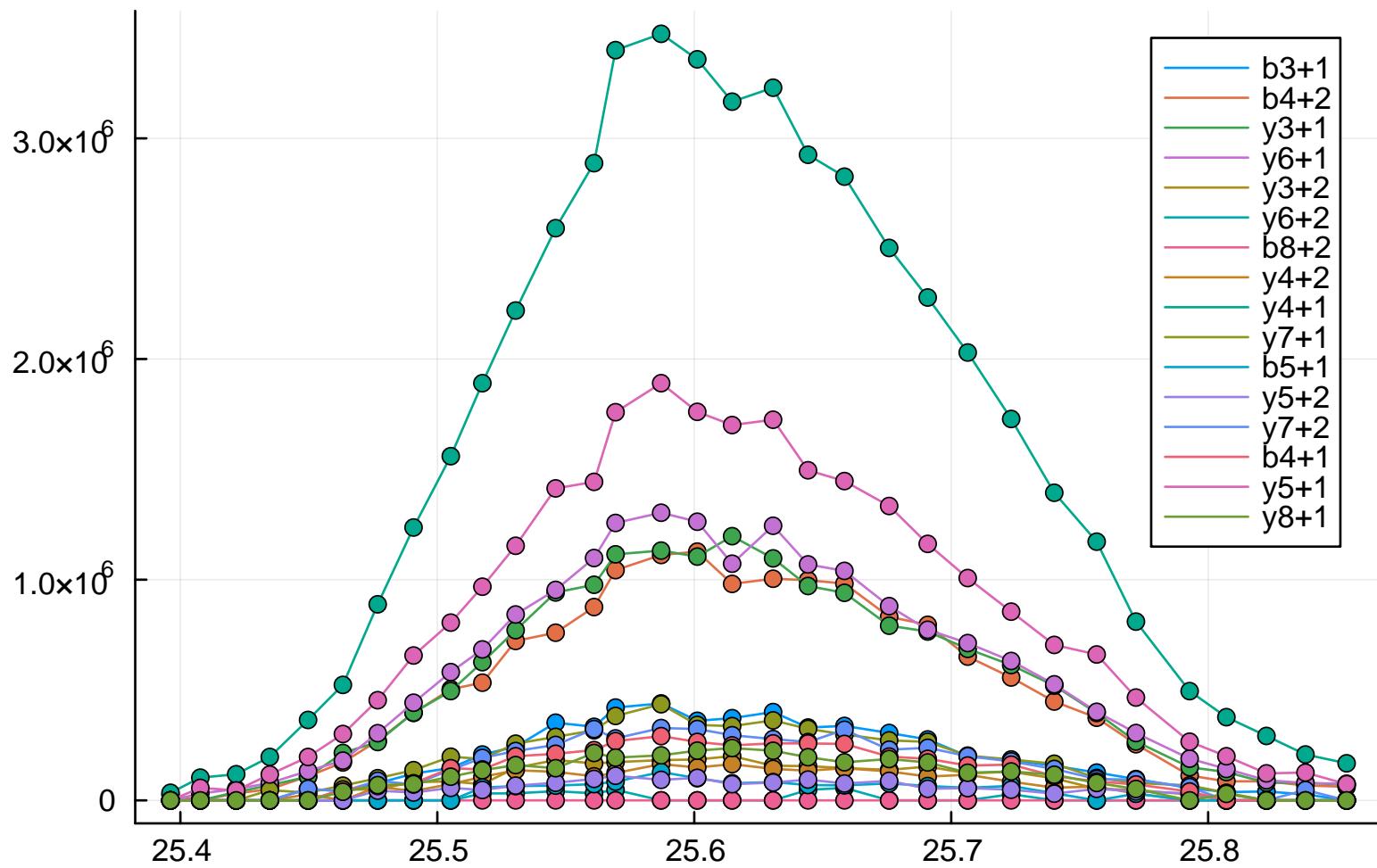
MAPK14- LSRPFQSIIHAK[Hlys]



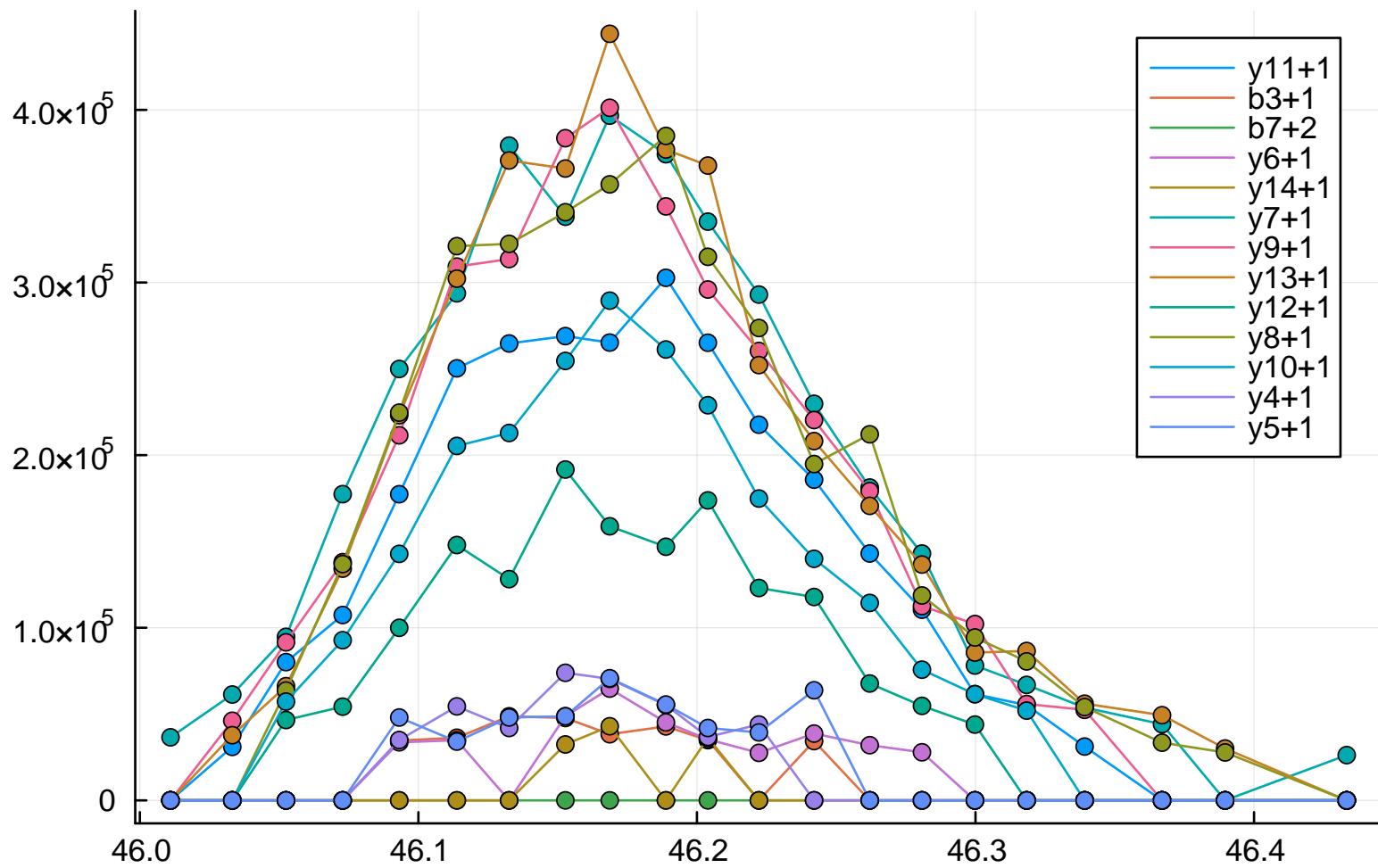
MAPK14- LVGTPGAELLK[Hlys]



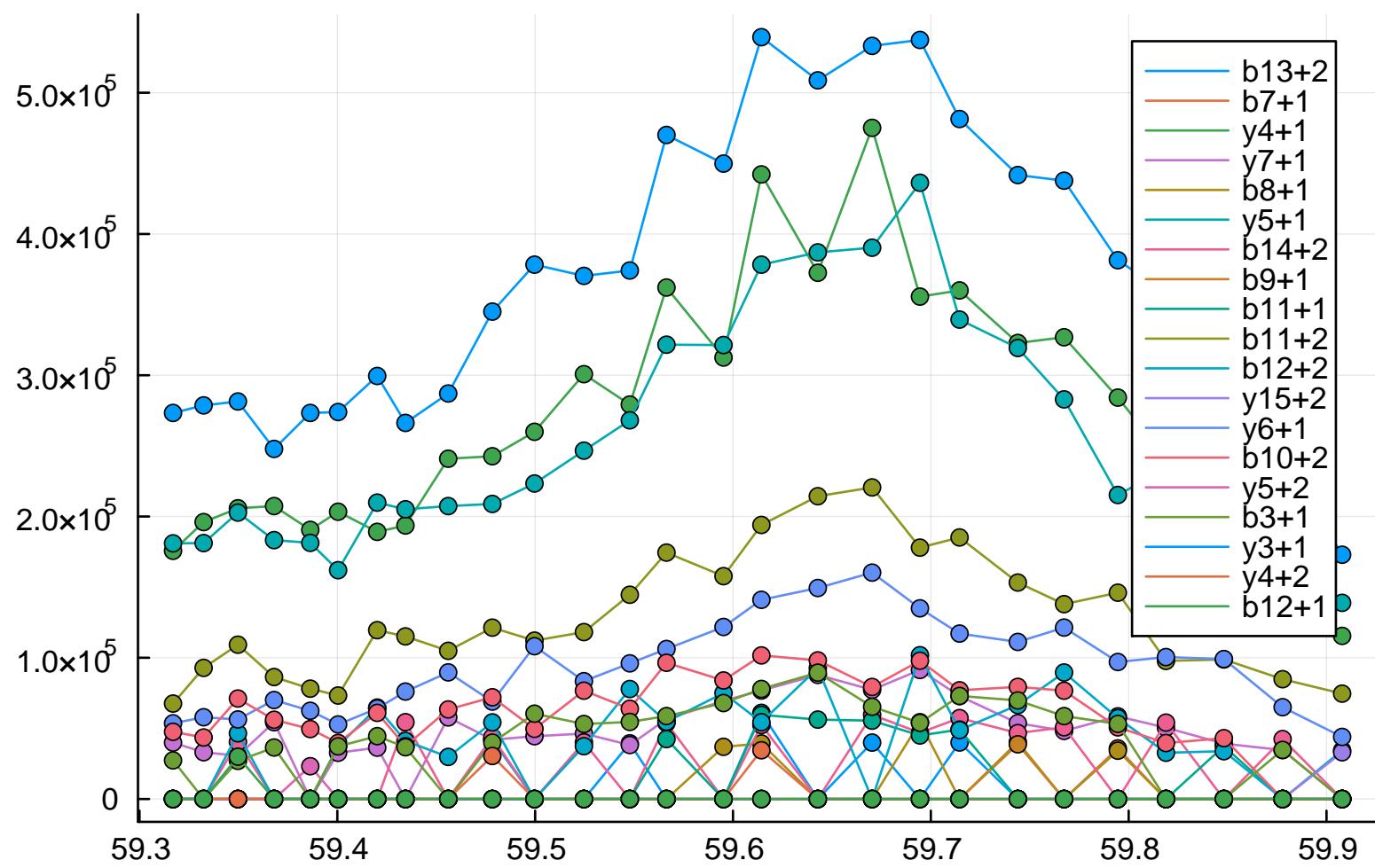
MAPK15- APEVLLSSHR[Harg]



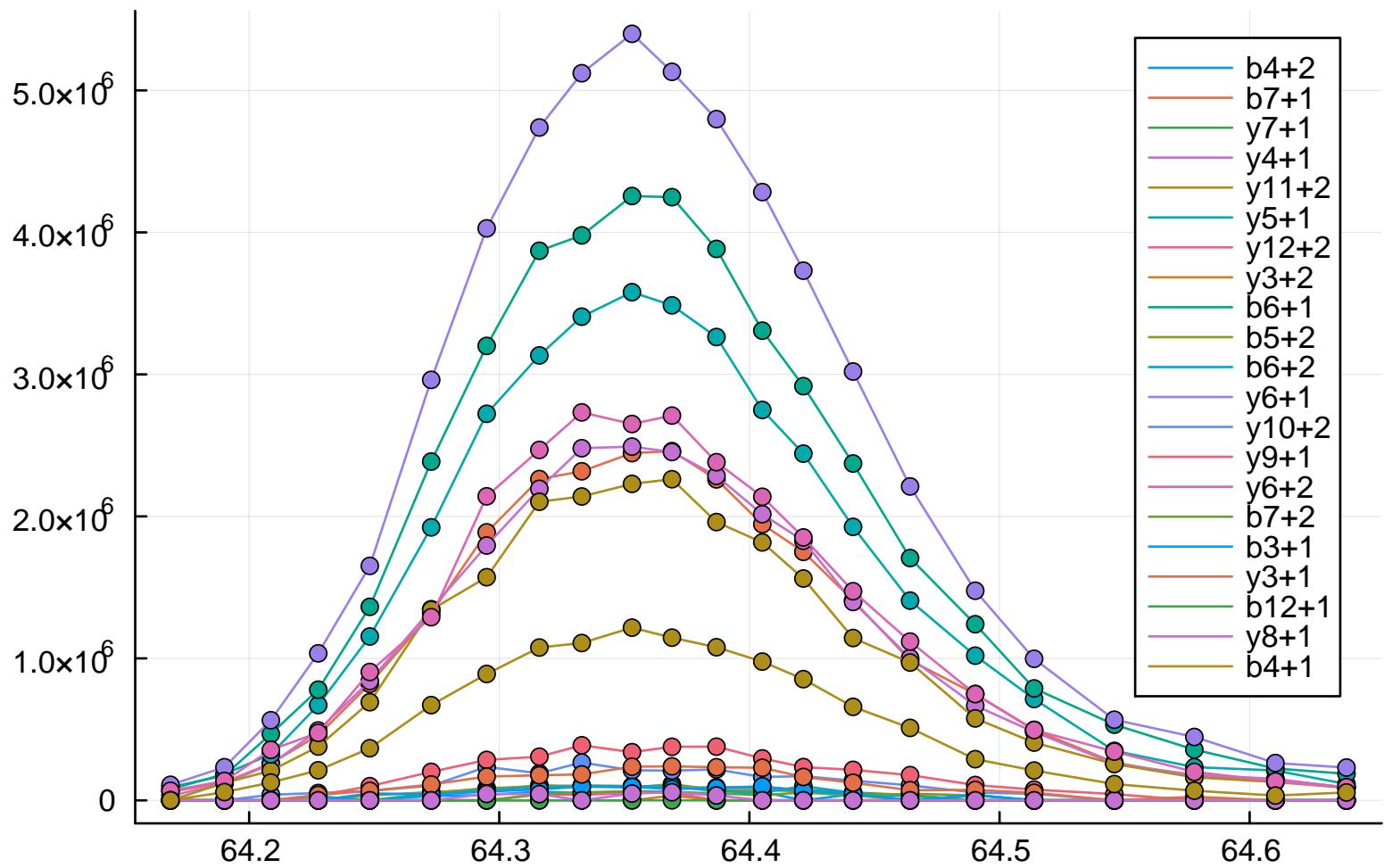
MAPK15- MFSTSALQGAQGGAR[Harg]



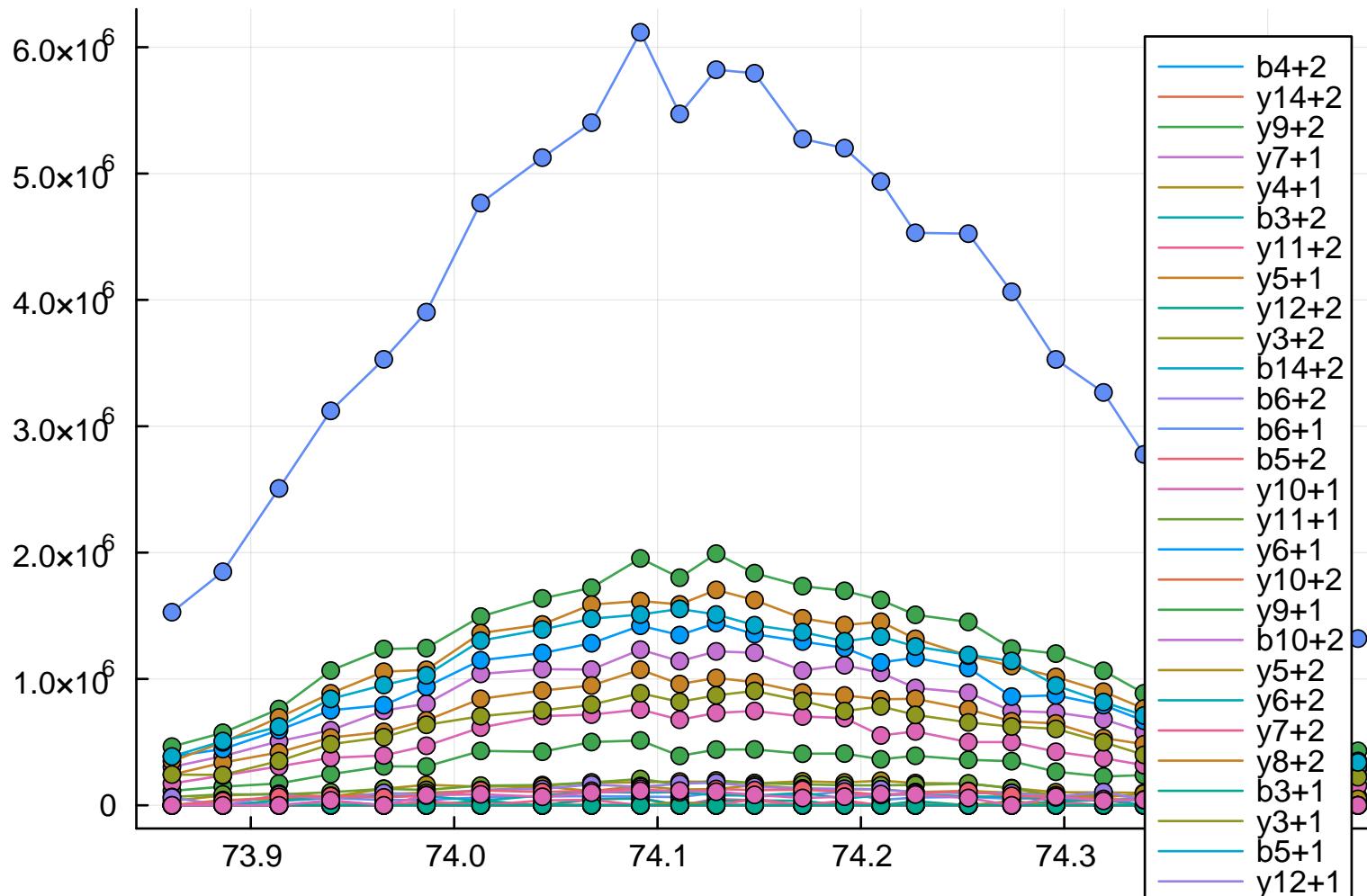
MAPK3- IADPEHDHTGFLTEYVATR[Harg]



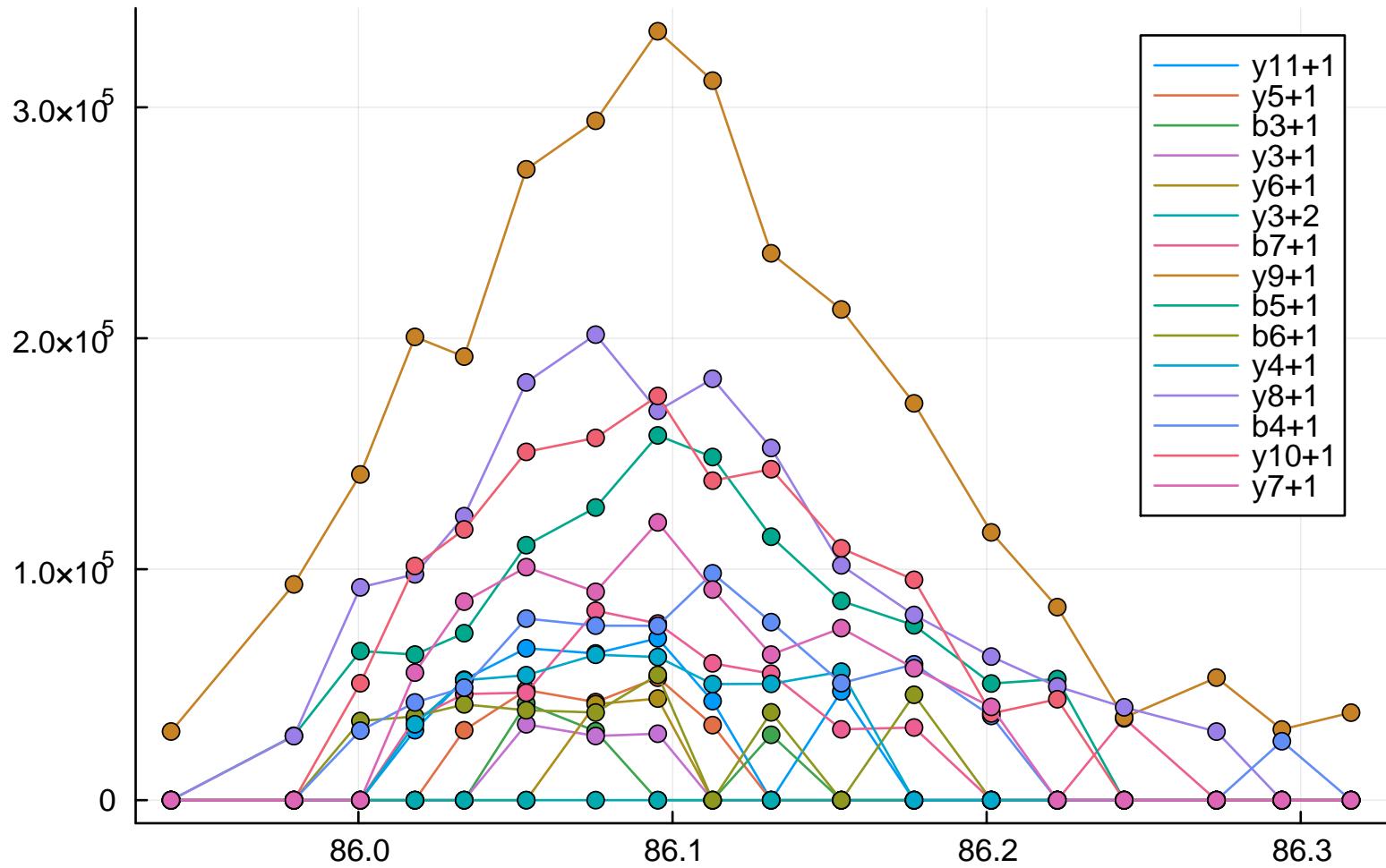
MAPK7- DILRPTVVPYGEFK[Hlys]



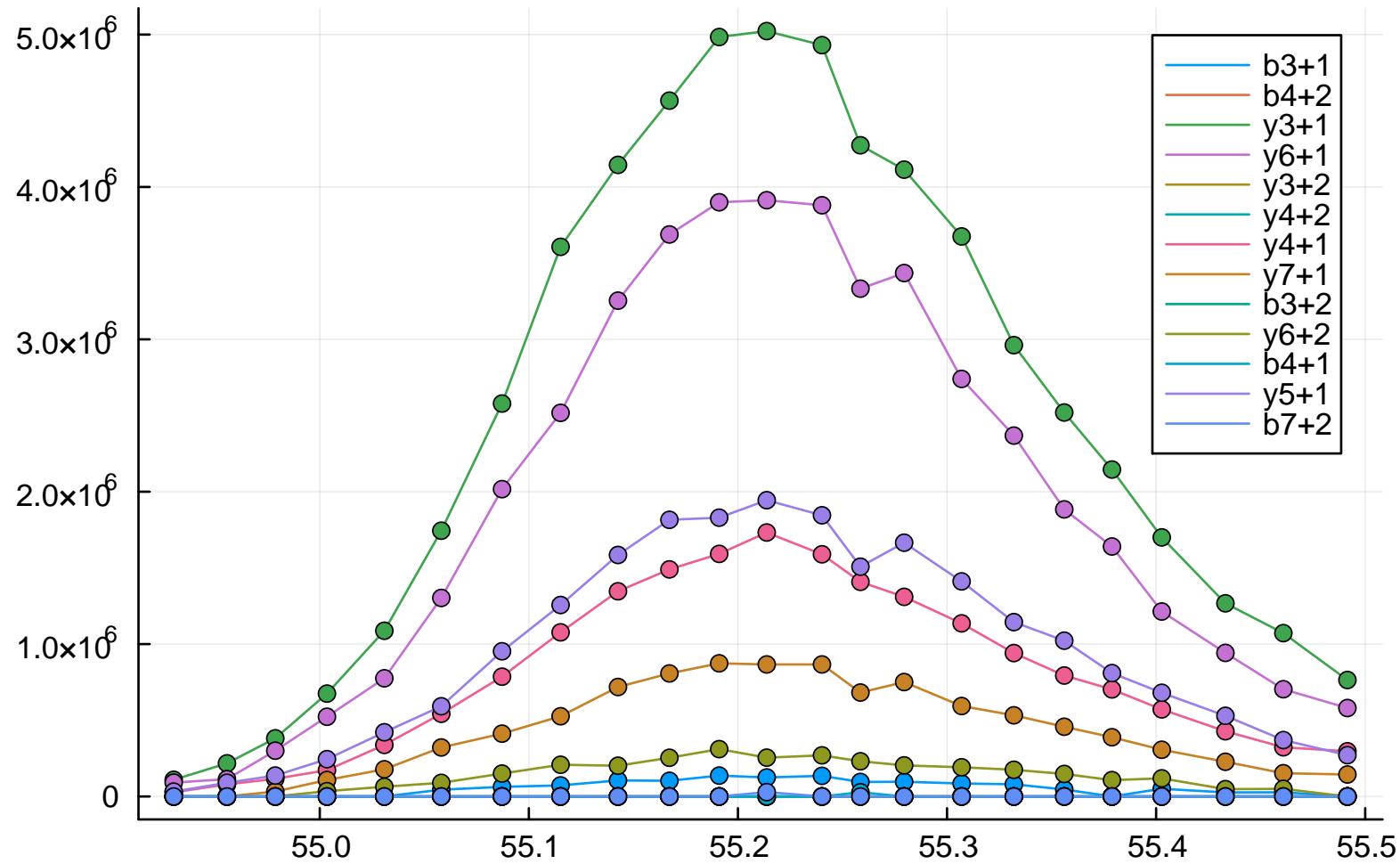
MAPK8- LFPDVLFPADSEHNK[Hlys]



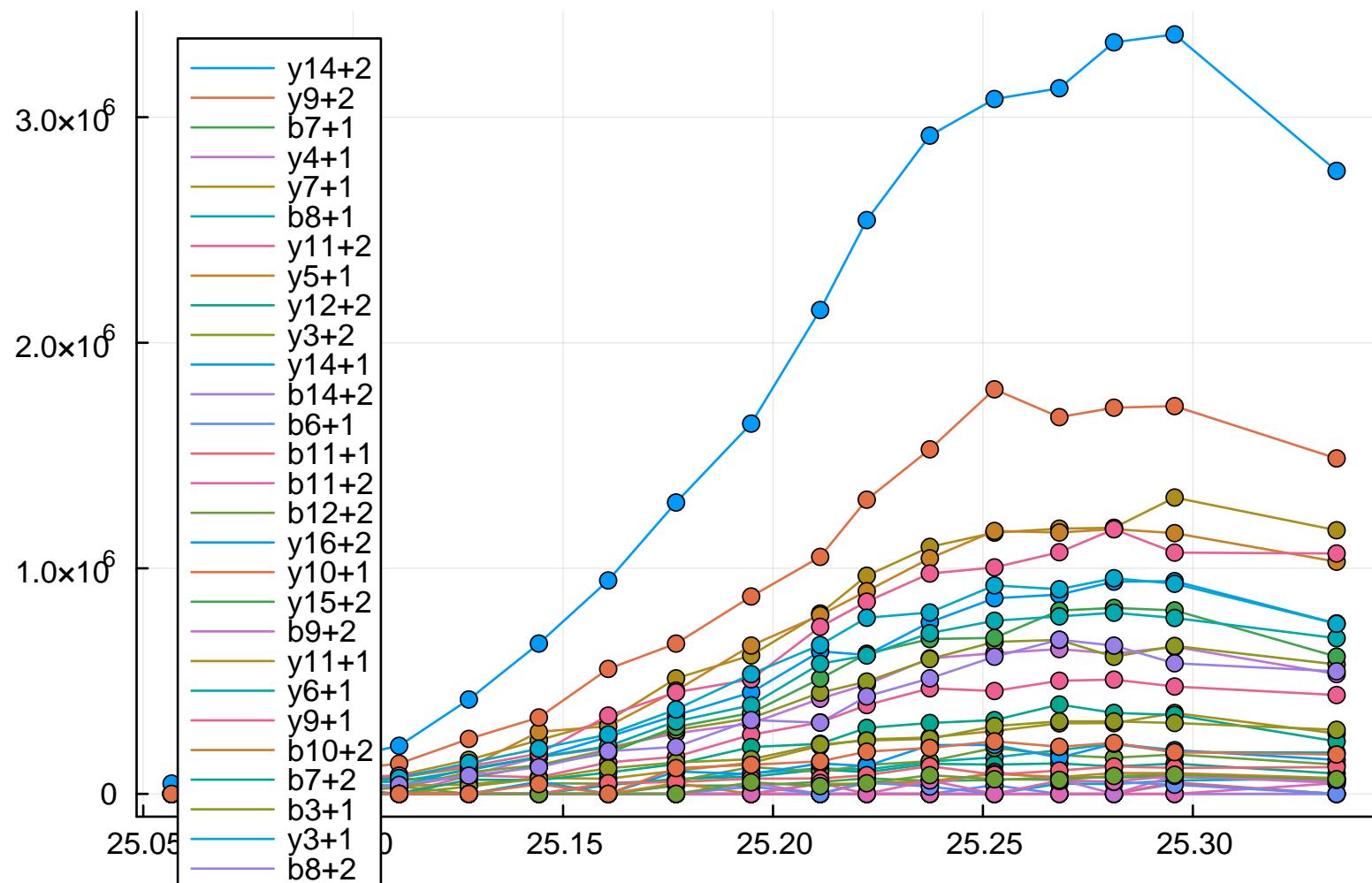
MAPK9- C[Carb]DSQFYSVQVADSTFTVLK[Hlys]



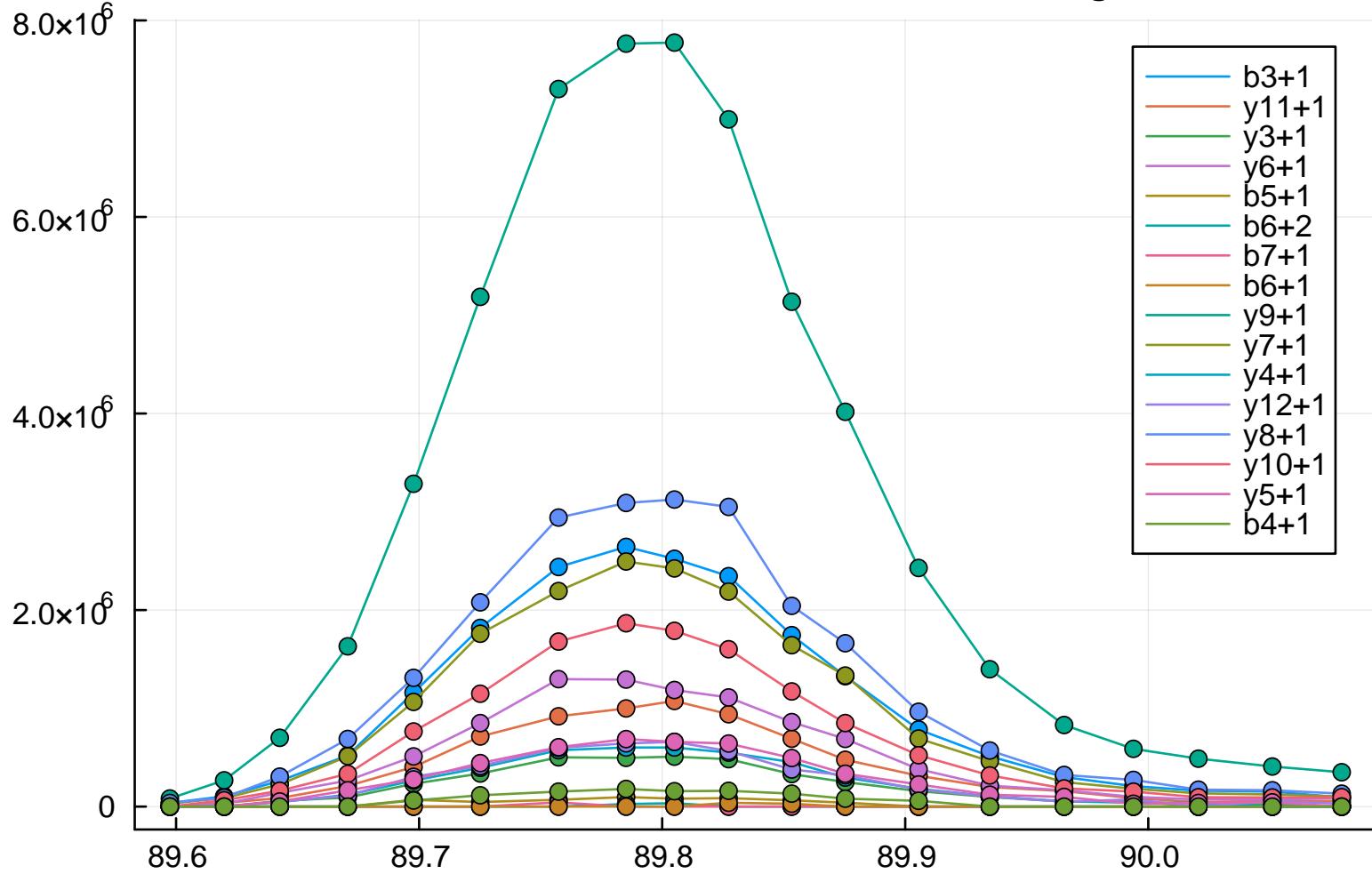
MARK2- FLILNPSK[Hlys]



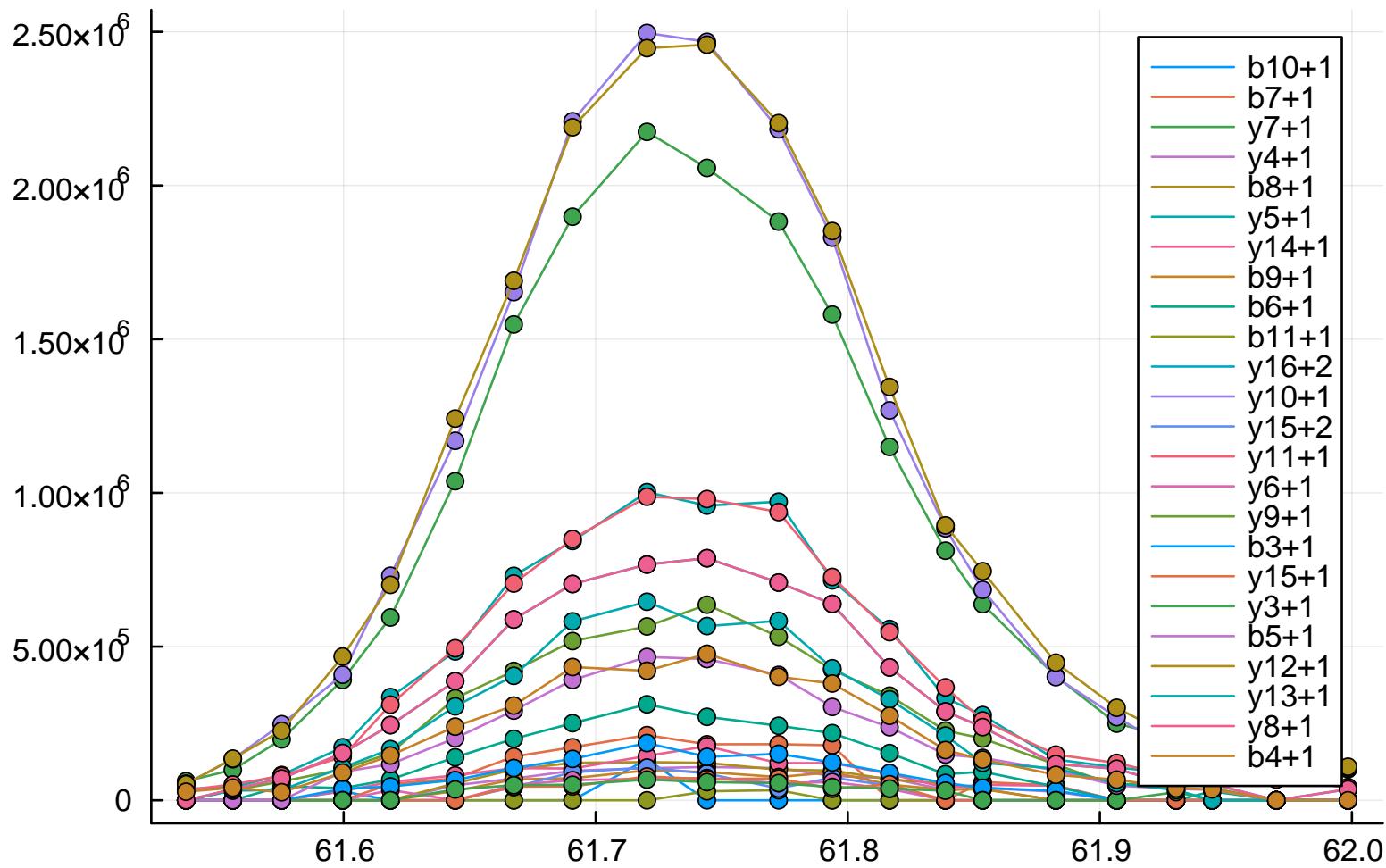
MARK3- TPVASTHSISSAATPDR[Harg]



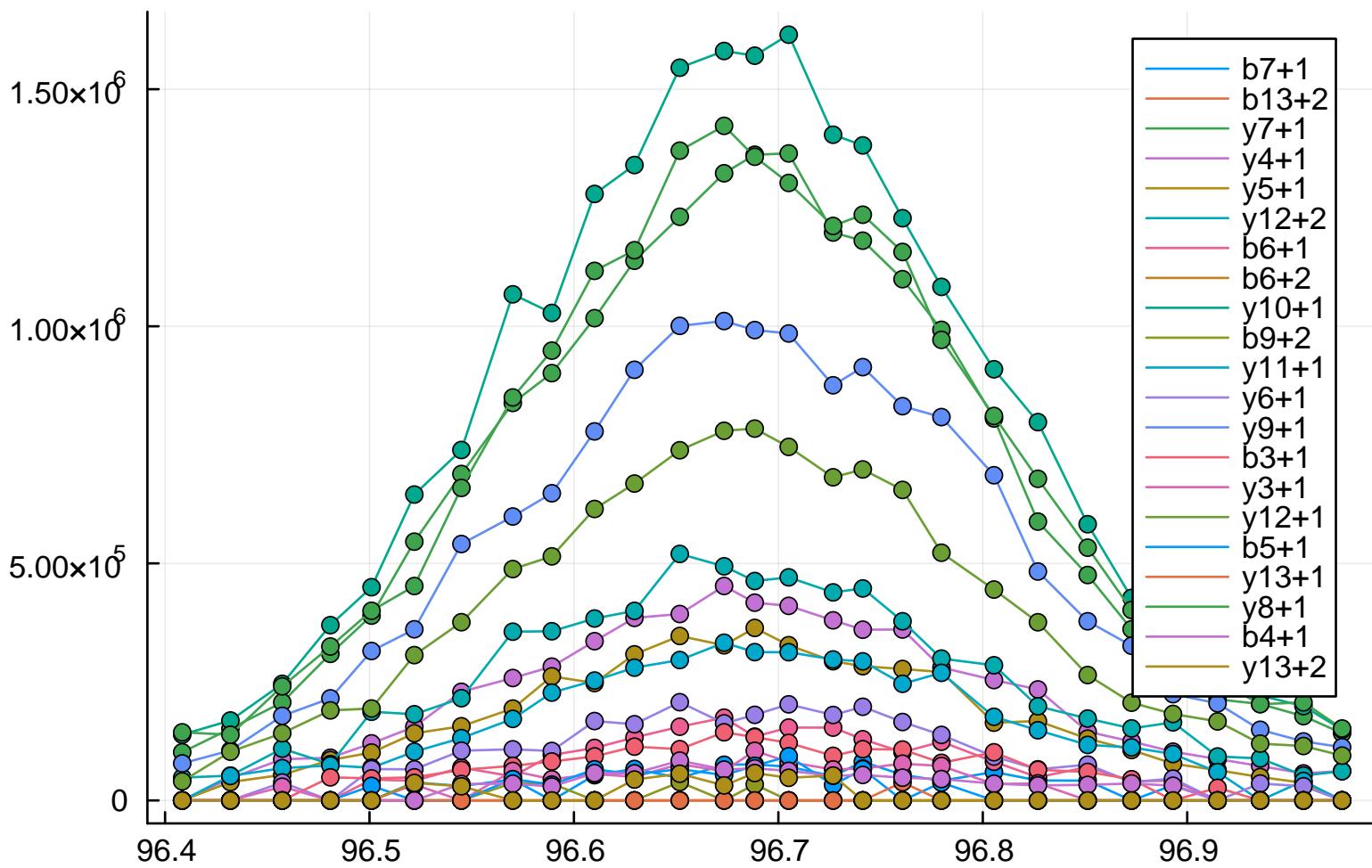
MARK3- YDEITATYLLLGR[Harg]



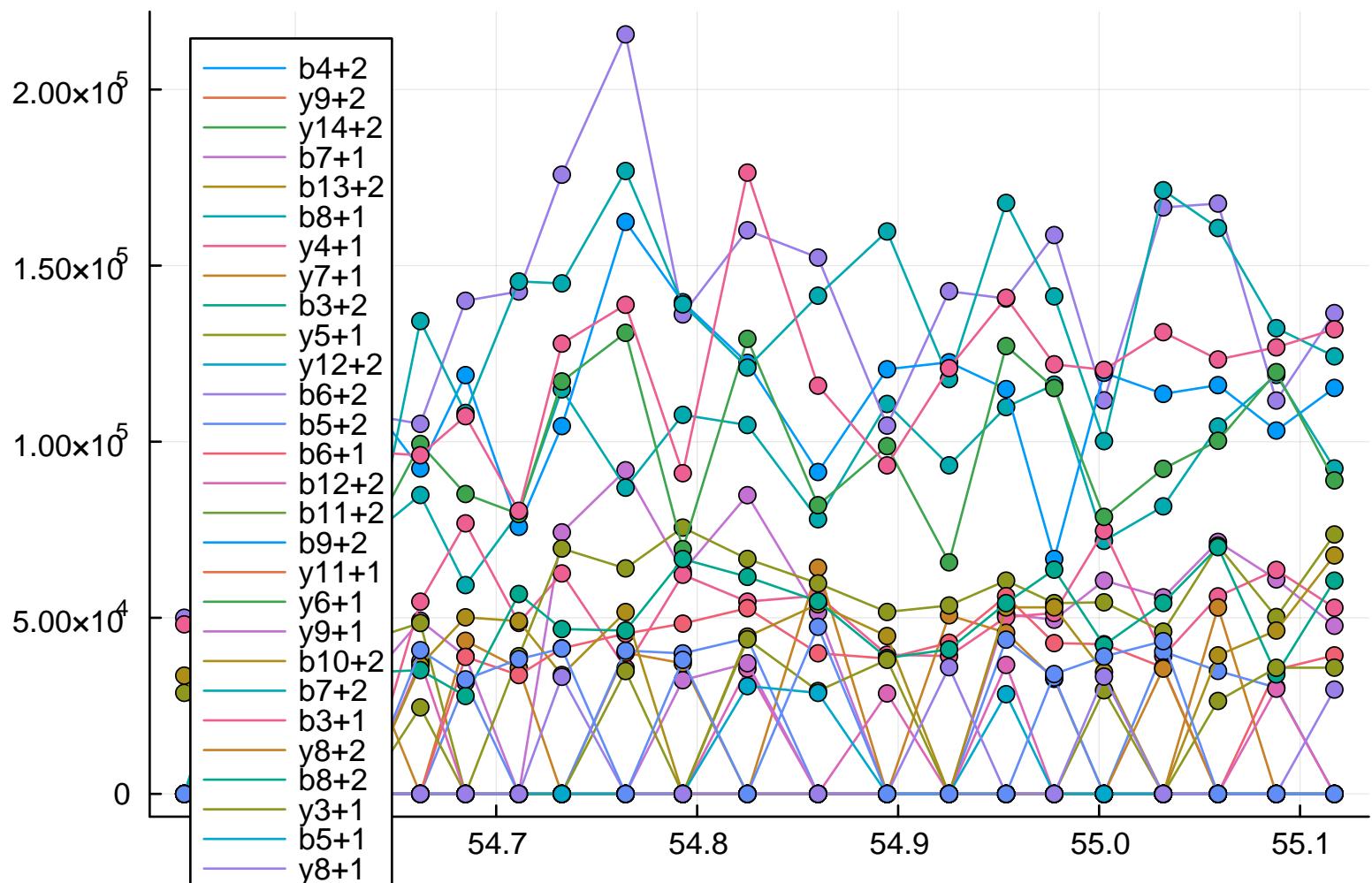
MAST2- EDPALSITQVPDASGDR[Harg]



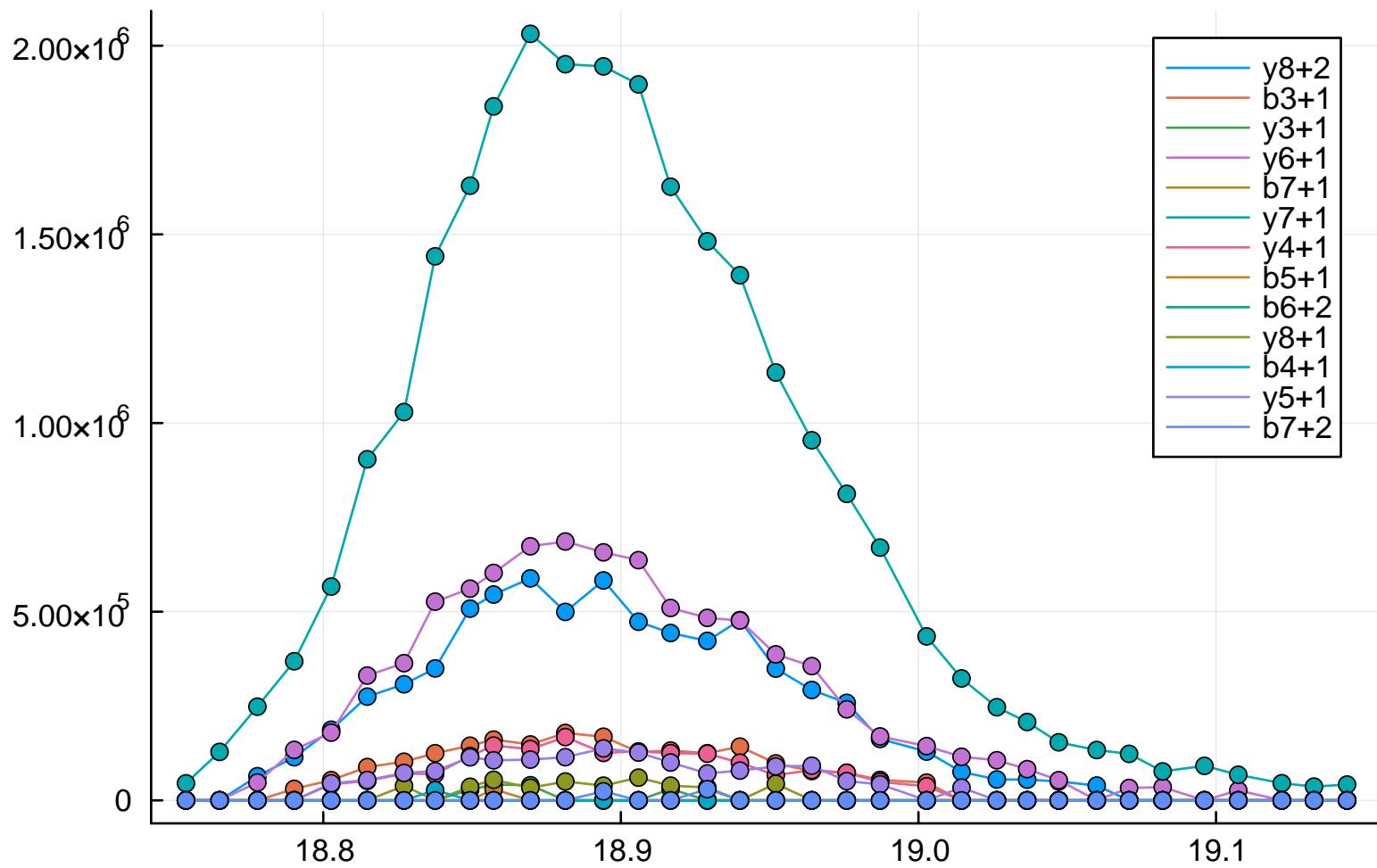
MAST3- TDLPQYIIGQLGLAK[Hlys]



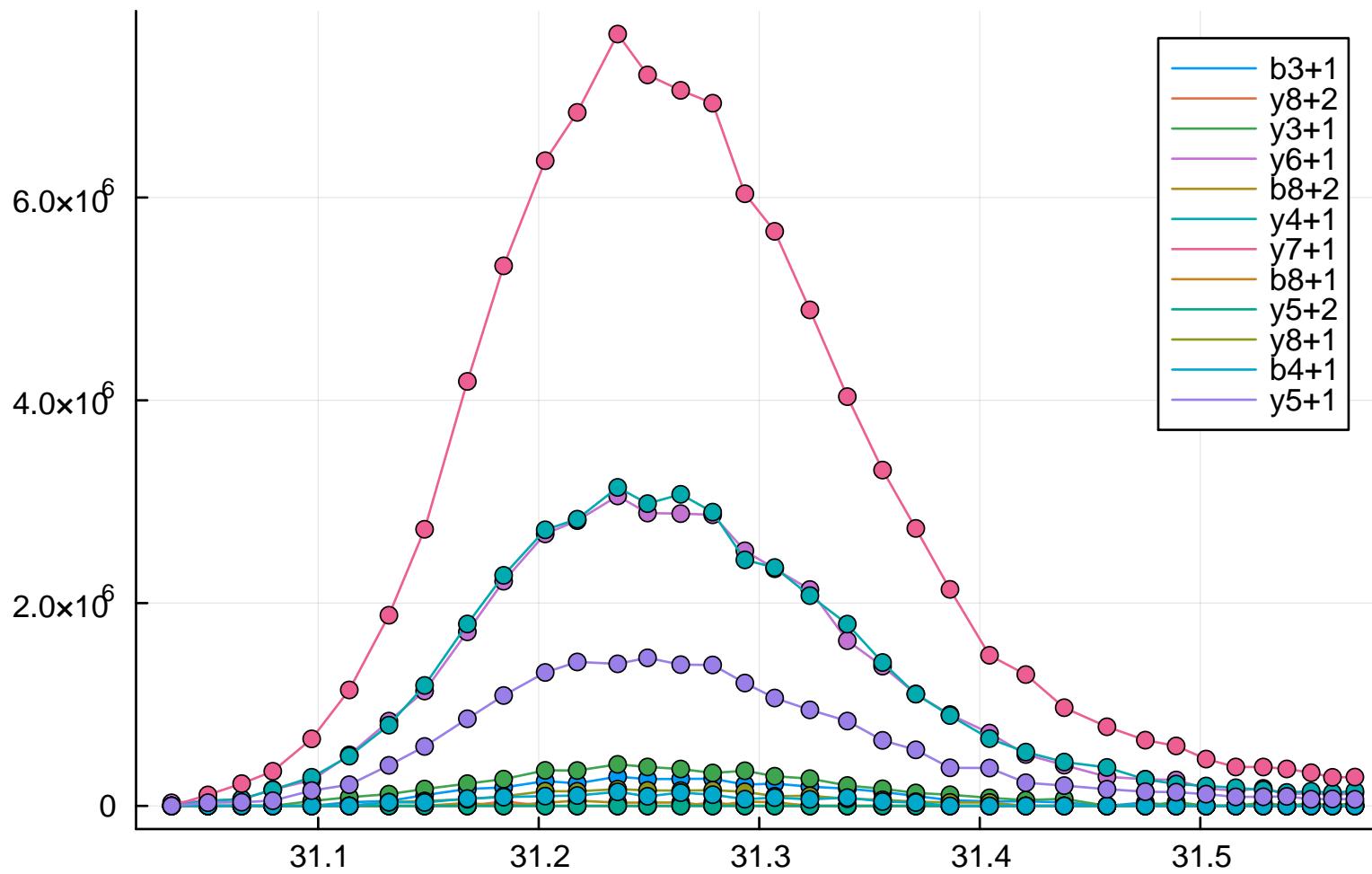
MELK- HQHIC[Carb]QLYHVLETANK[Hlys]



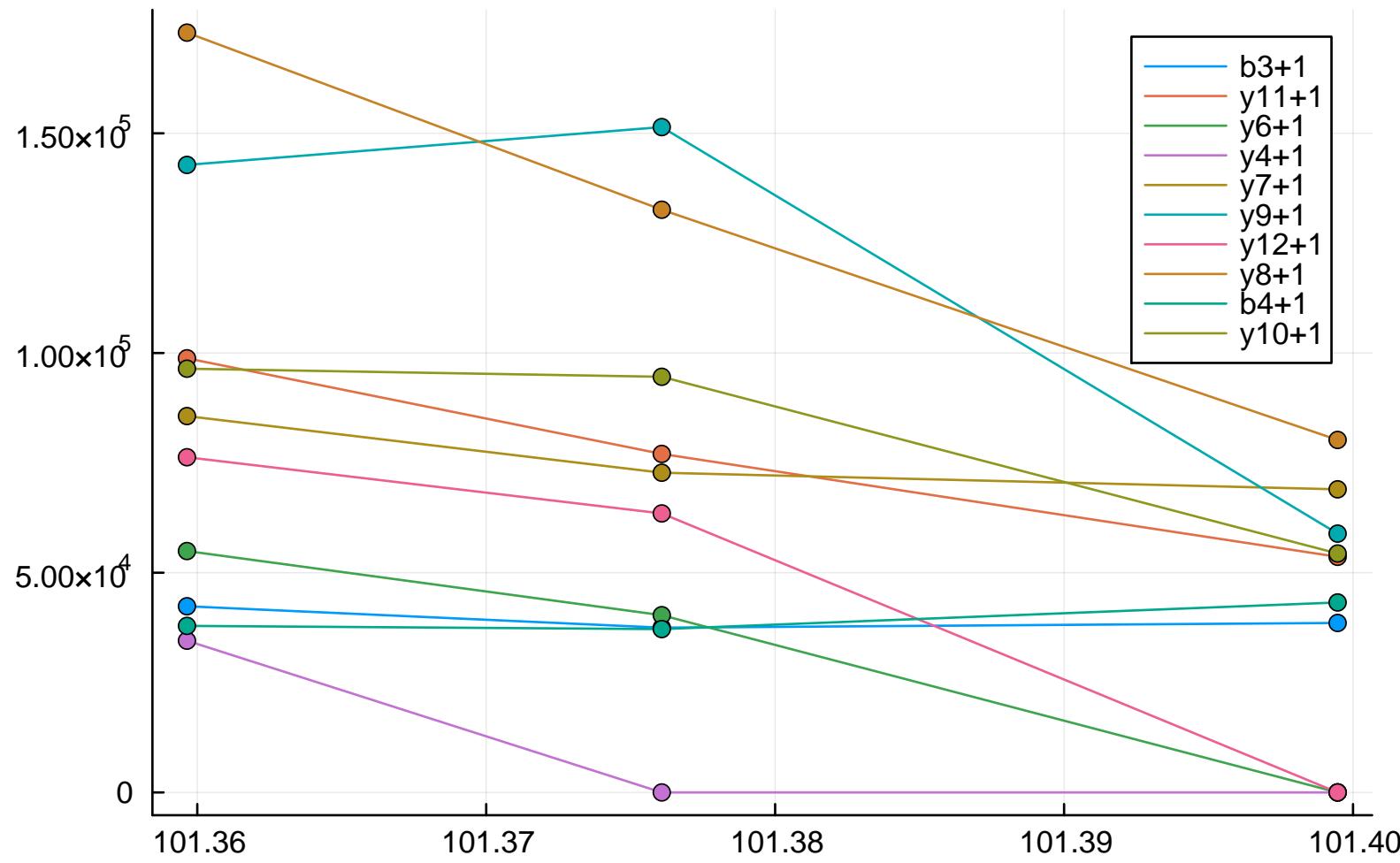
MELK- LHYNVTTTR[Harg]



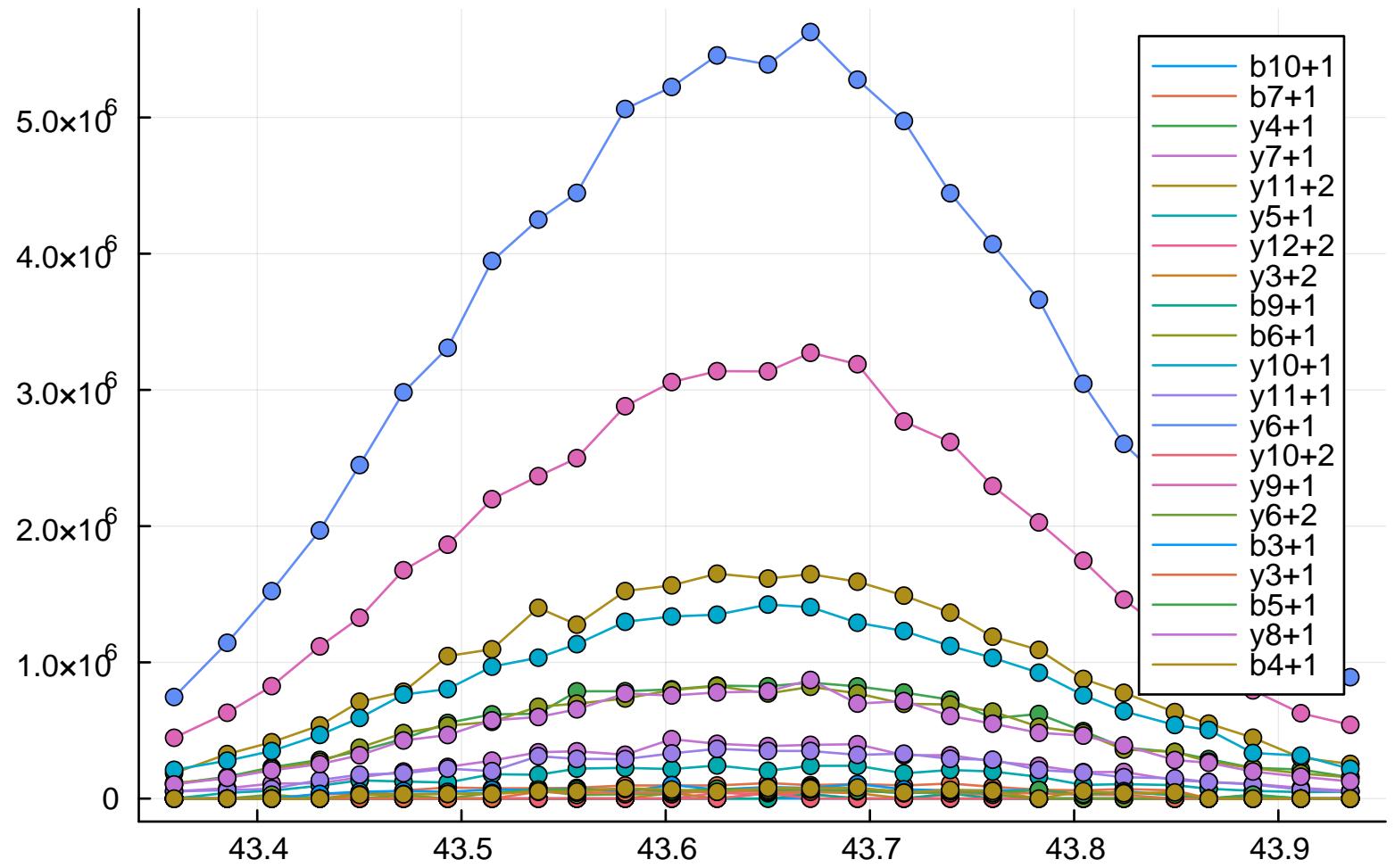
MET- NLNSVSVPR[Harg]



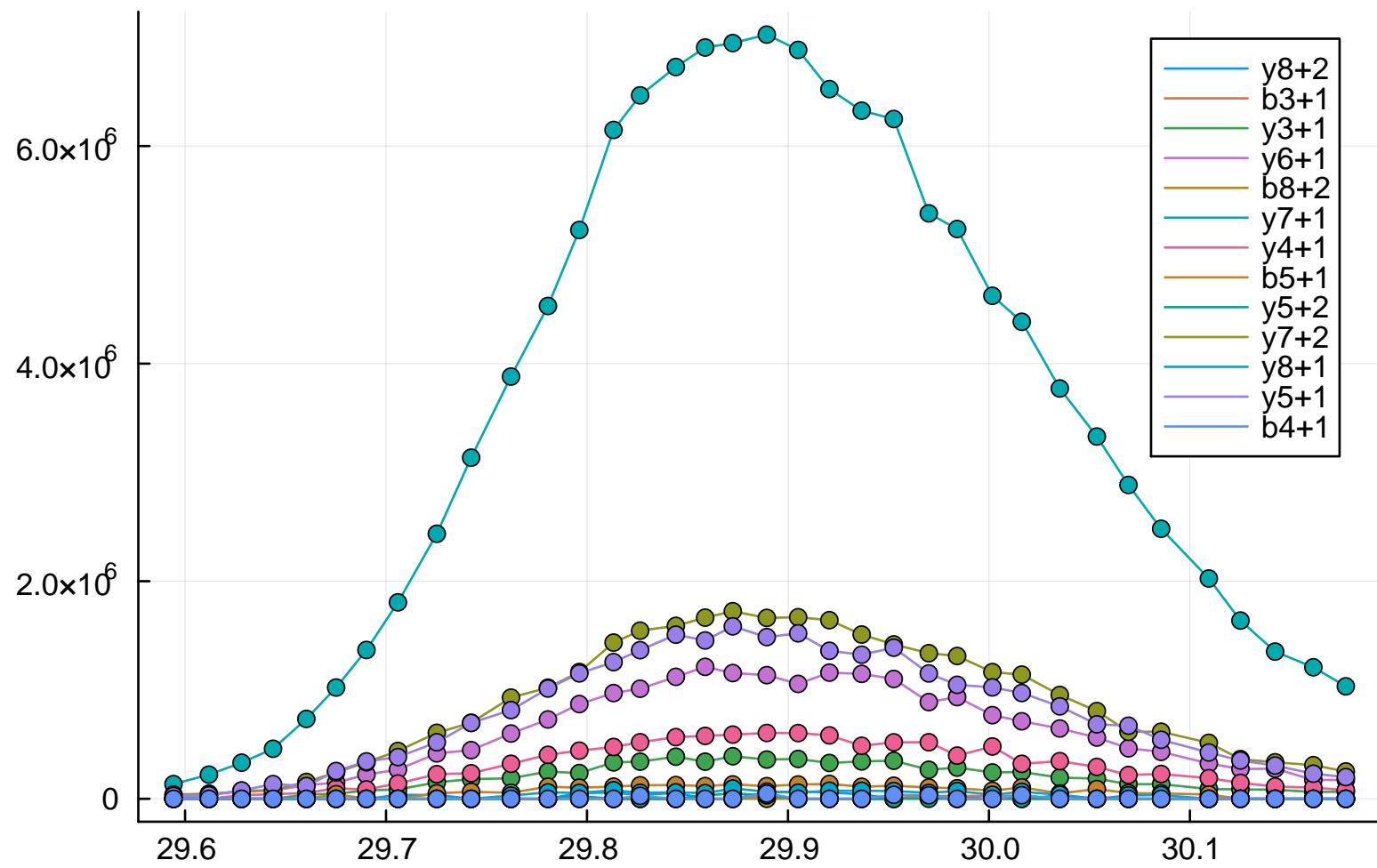
MKNK2- NVLELIEFFEEEDR[Harg]



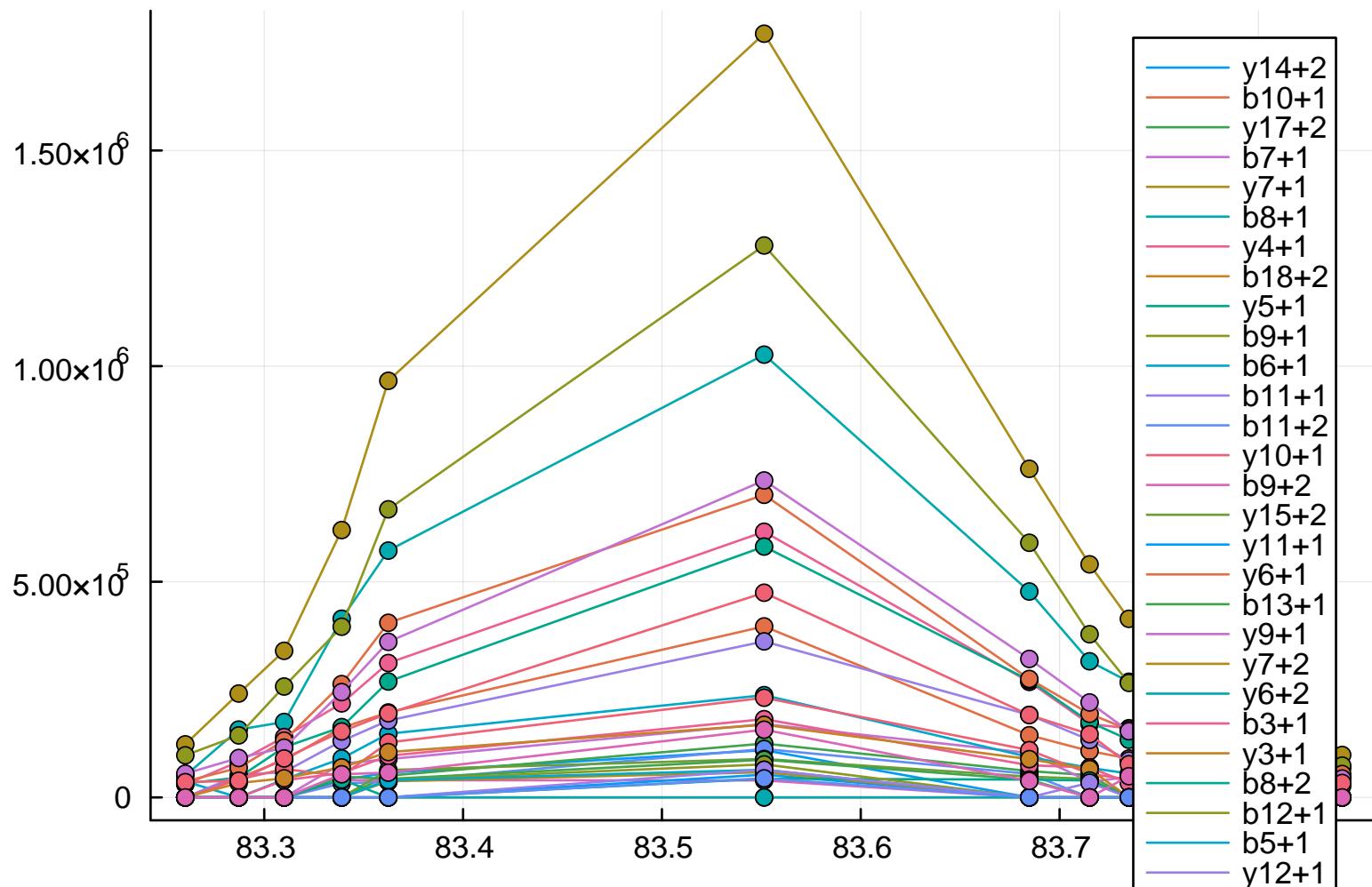
MST1R- GAPEGGQPYPVLR[Harg]



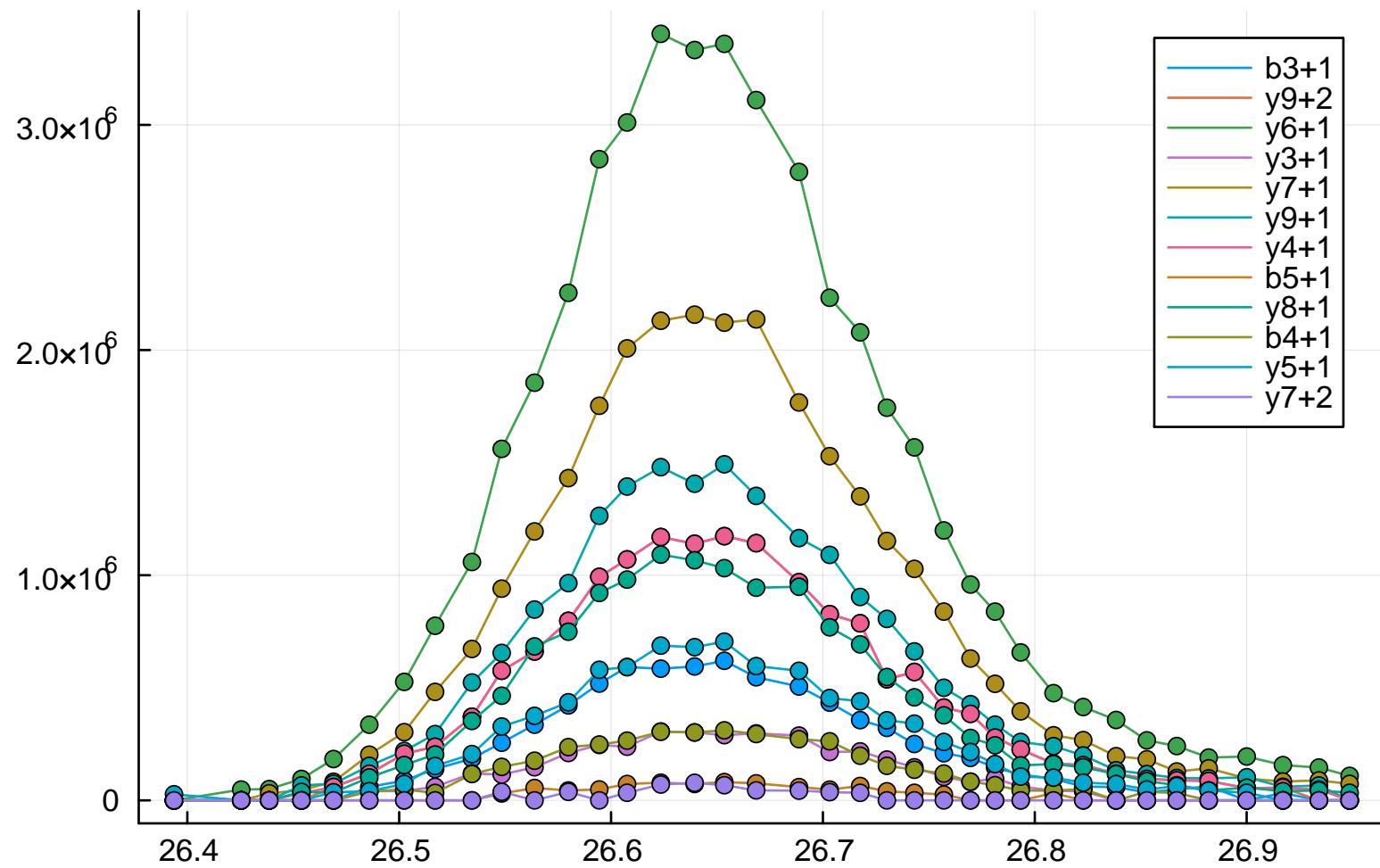
MST1R- QLPEQQQLC[Carb]R[Harg]



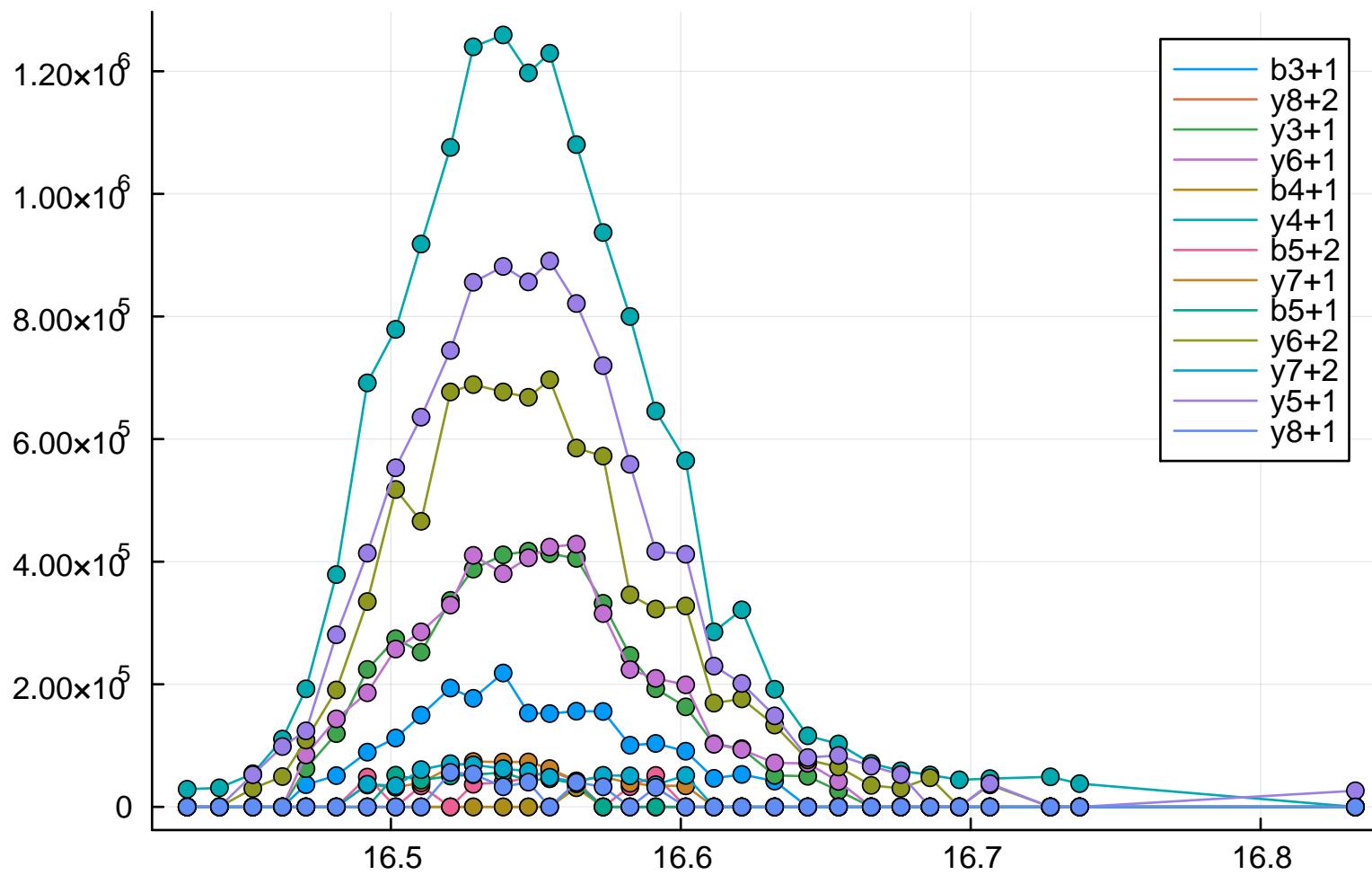
MTOR- AVLALHQDLFSLAQQC[Carb]IDK[Hlys]



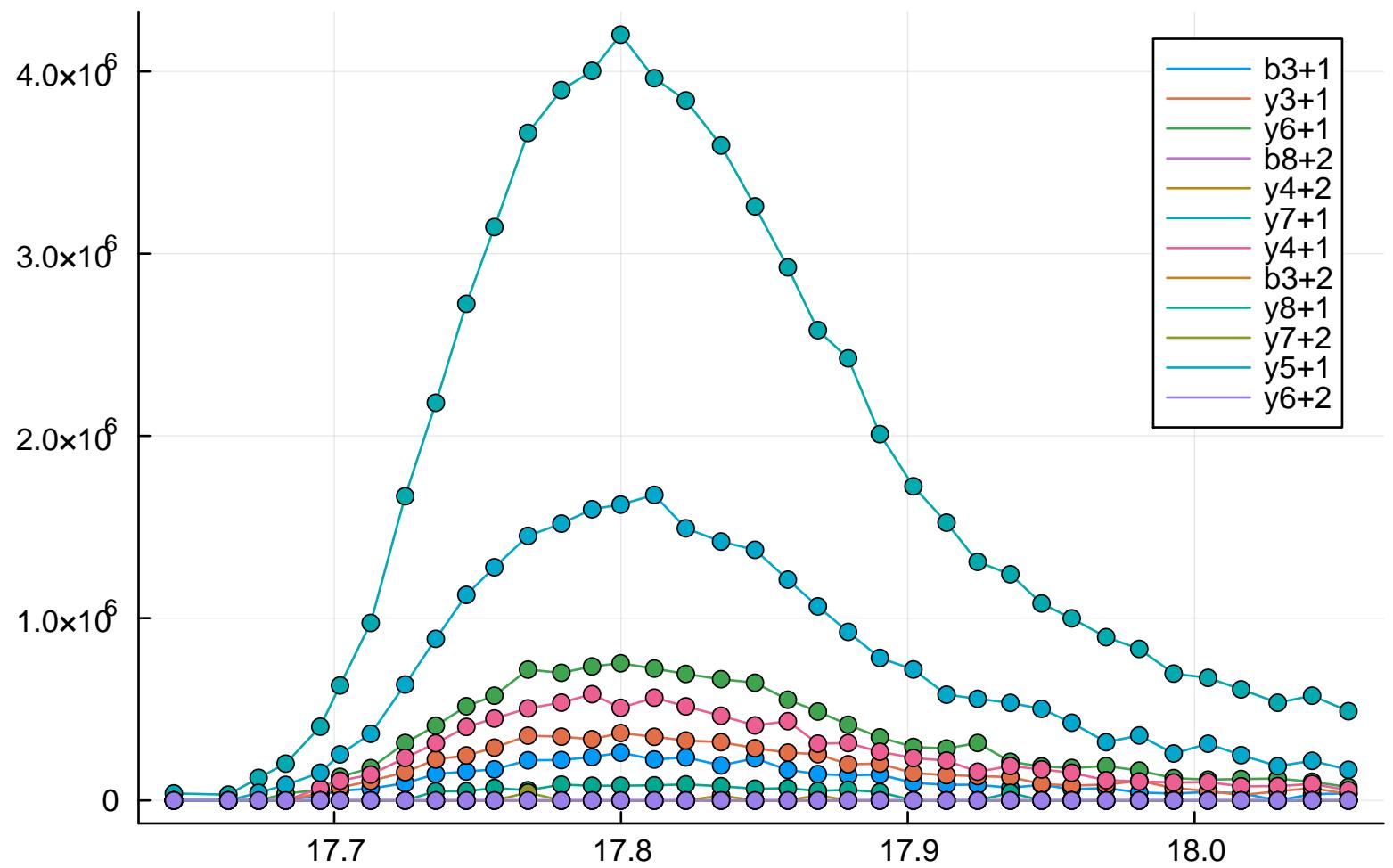
MTOR- DASAVSLSESK[Hlys]



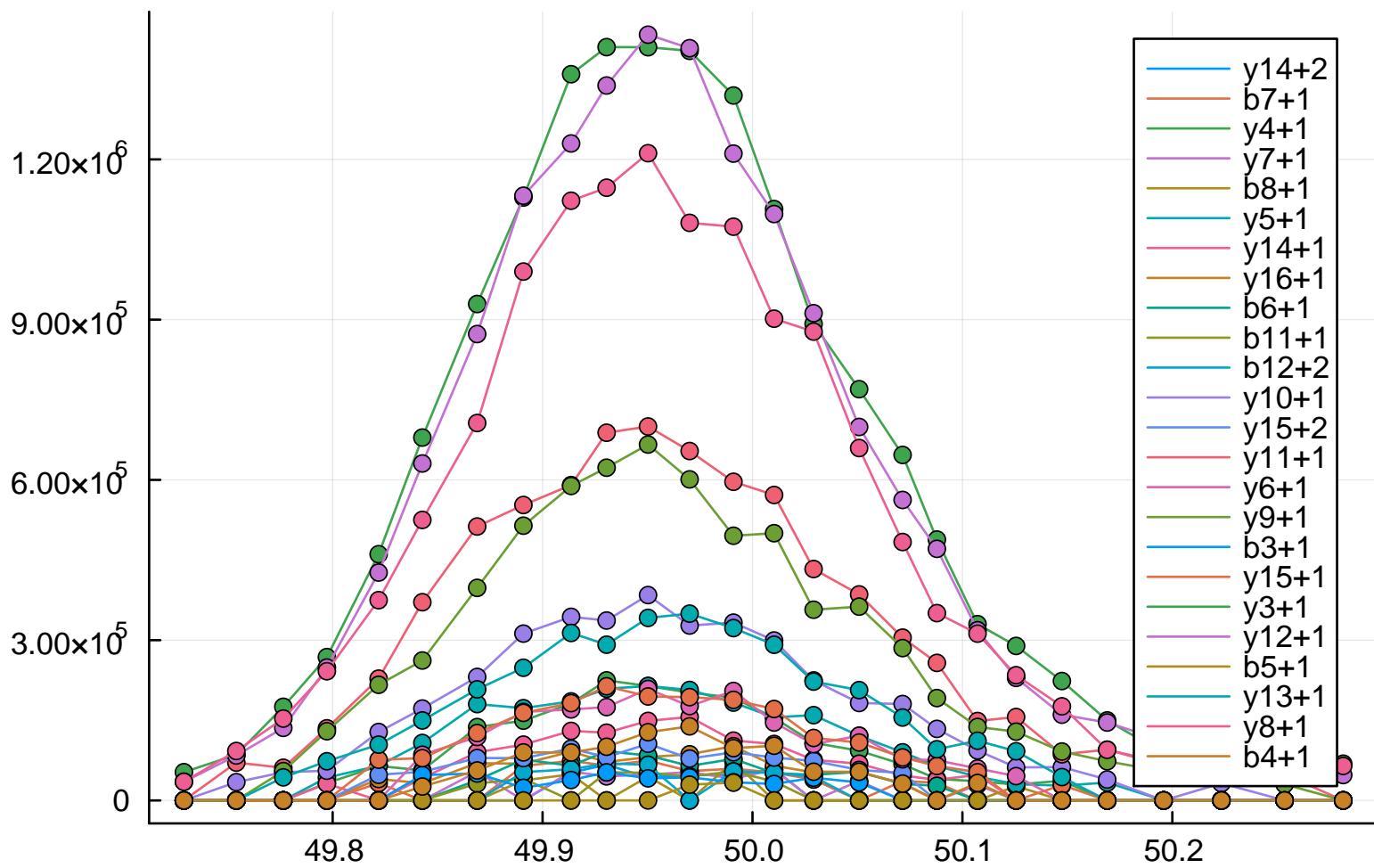
MYLK- LQDVHVAEGK[HIlys]



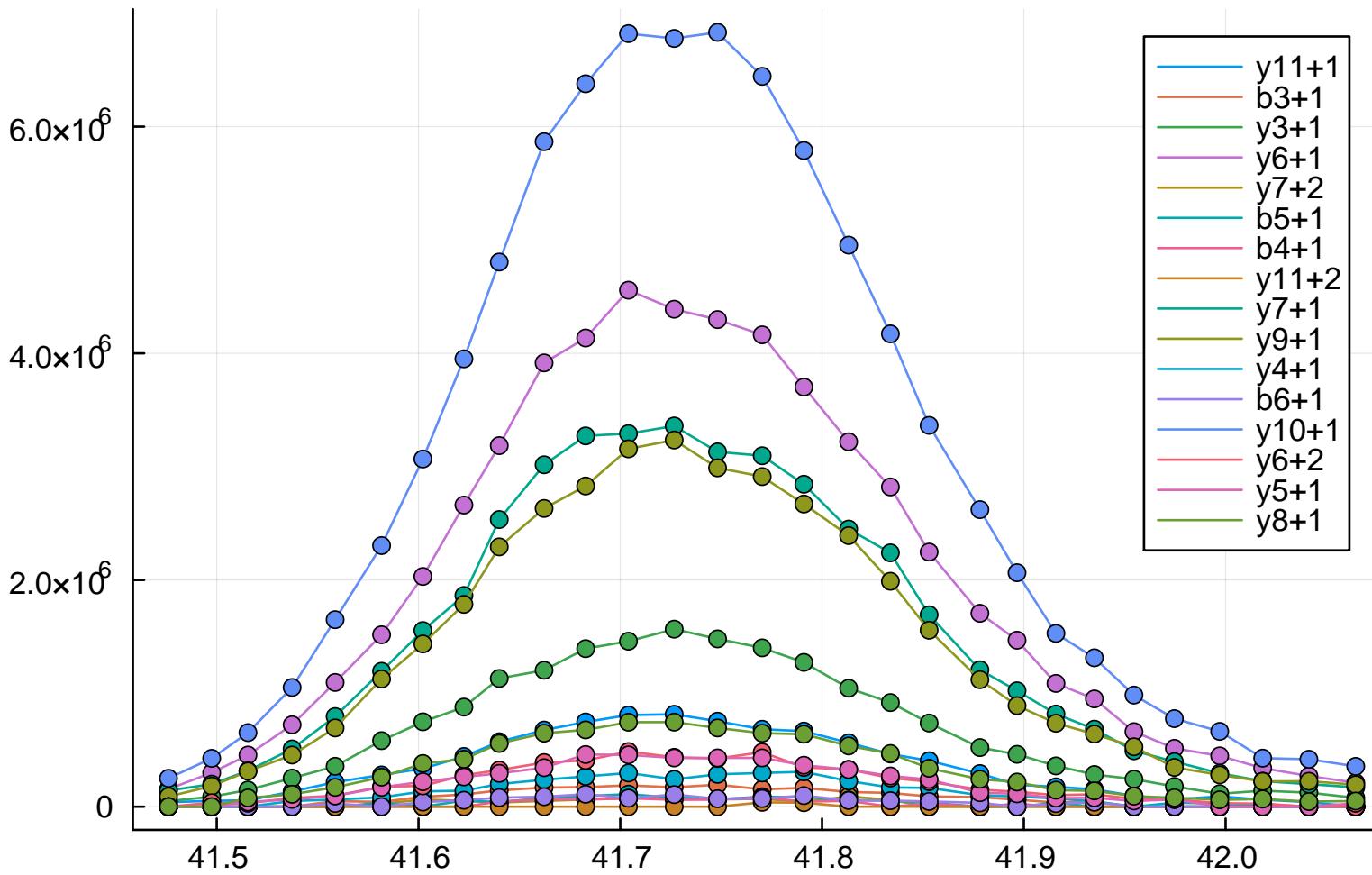
MYLK- TVTINTEQK[Hlys]



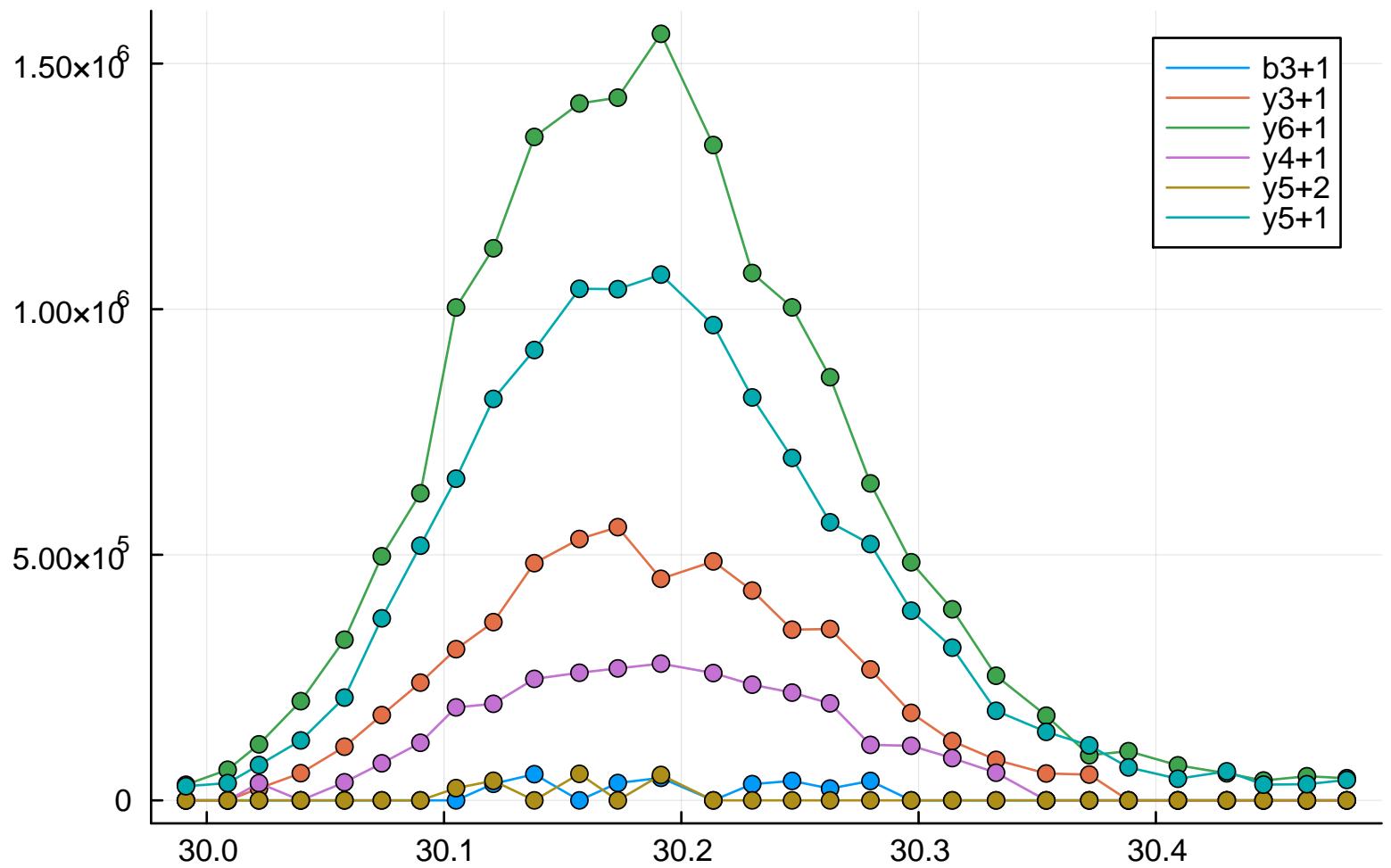
MYLK3- GSLGPTLTTEAPAAAQPGK[Hlys]



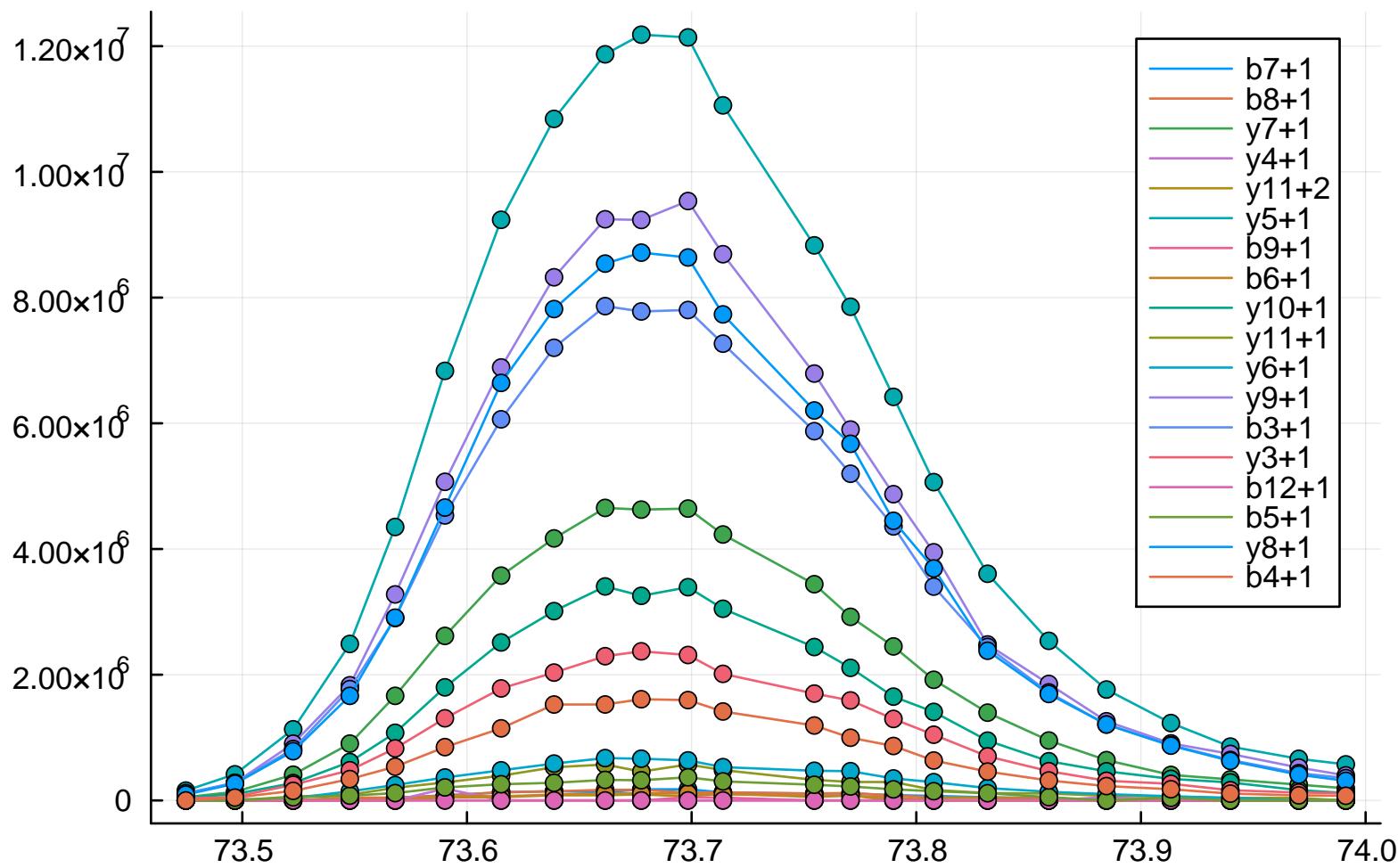
NEK11- IVEGDTPSLPER[Harg]



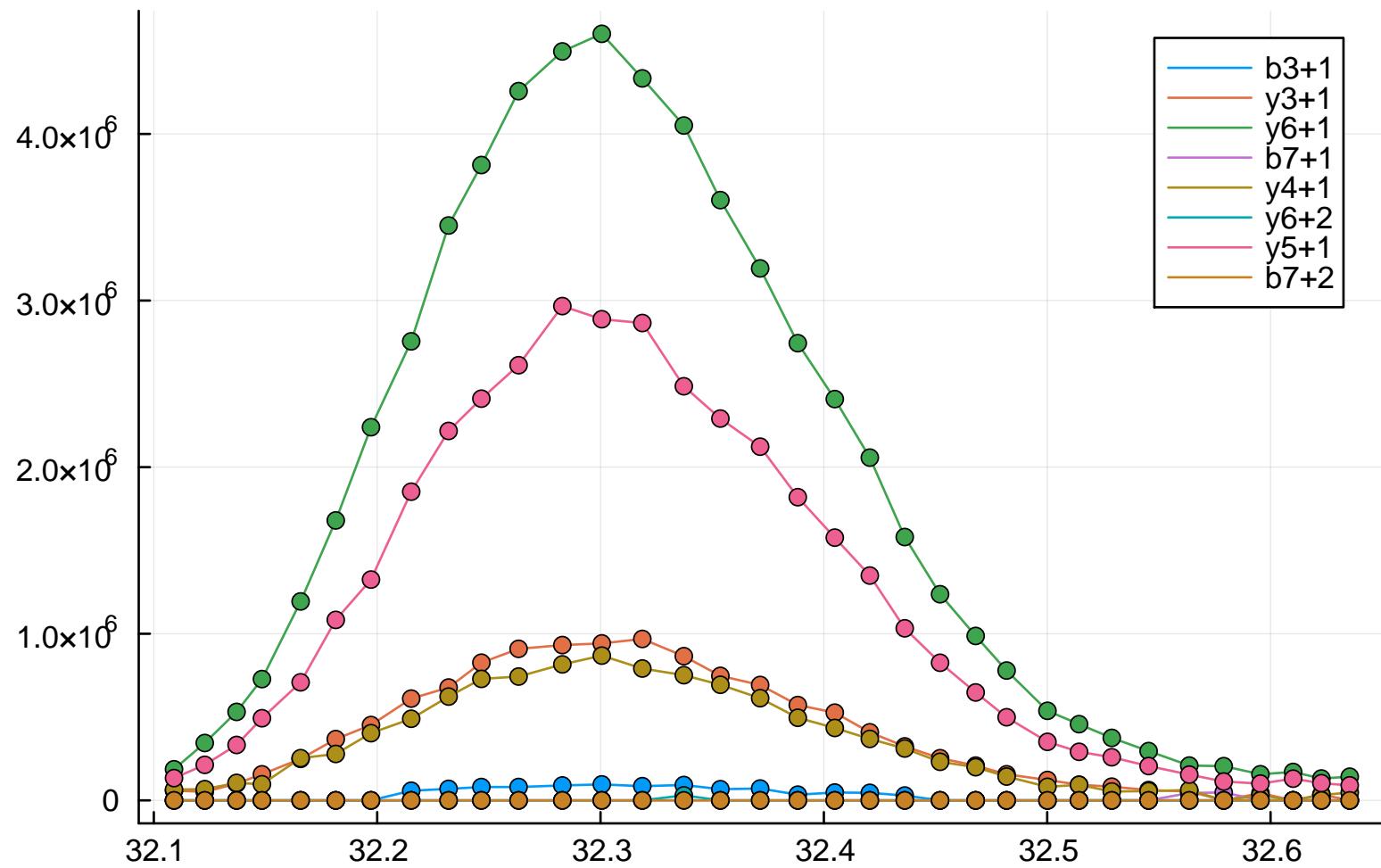
NEK6- GQFSEVYK[H]lys



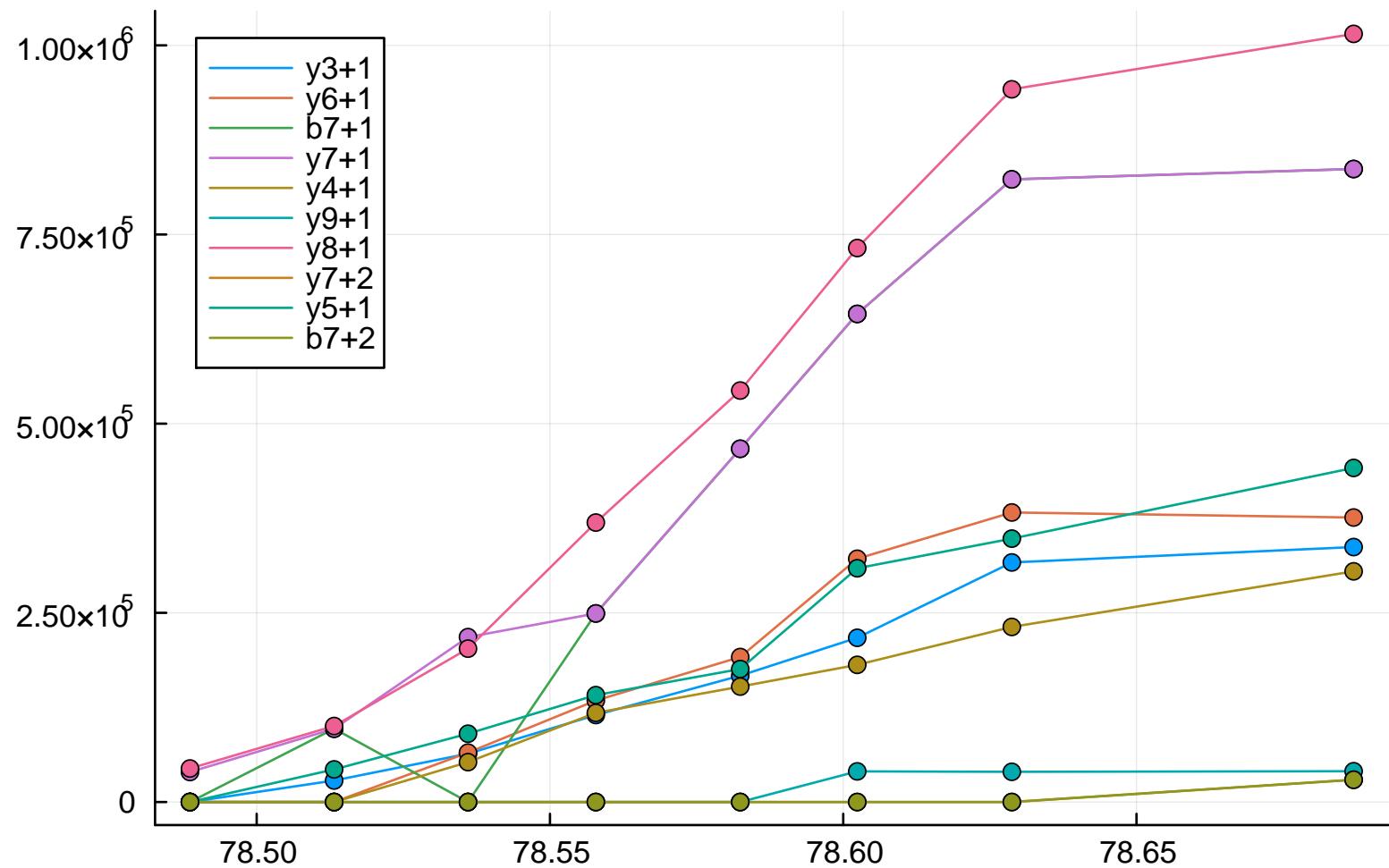
NEK7- AAC[Carb]LLDGVPVALK[Hlys]



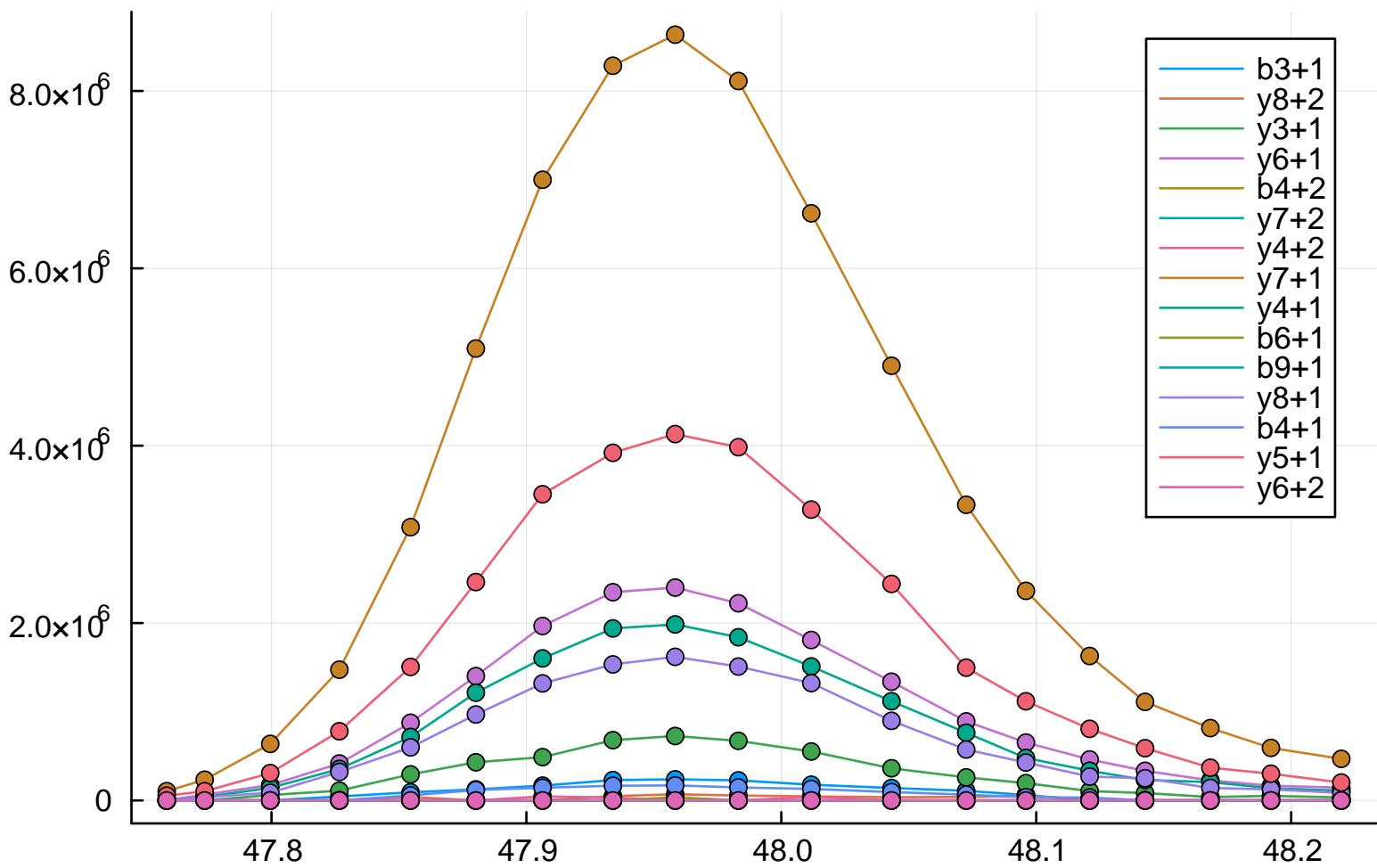
NEK7- GQFSEVYR[Harg]



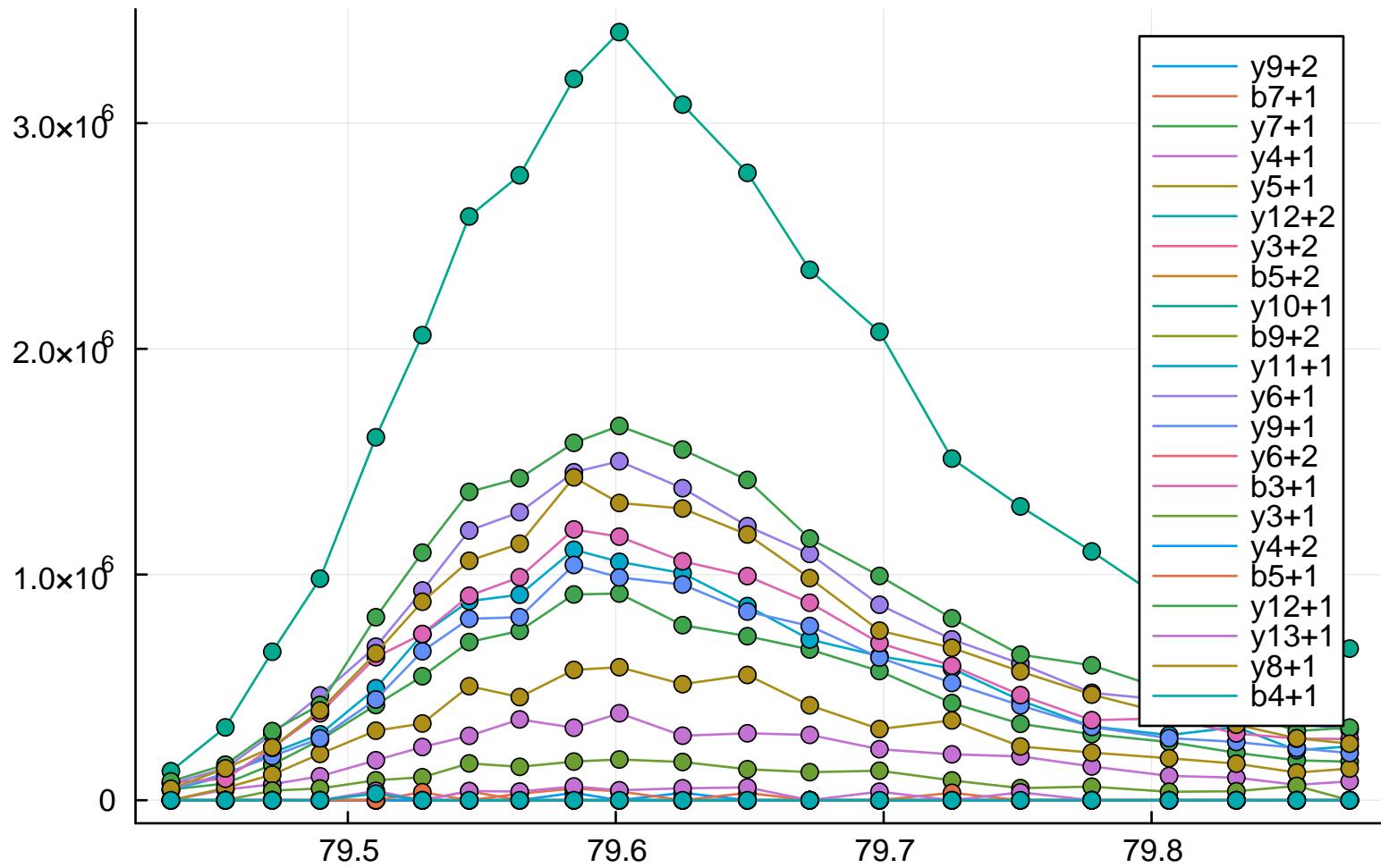
NEK7- VQIFDLMDAK[Hlys]



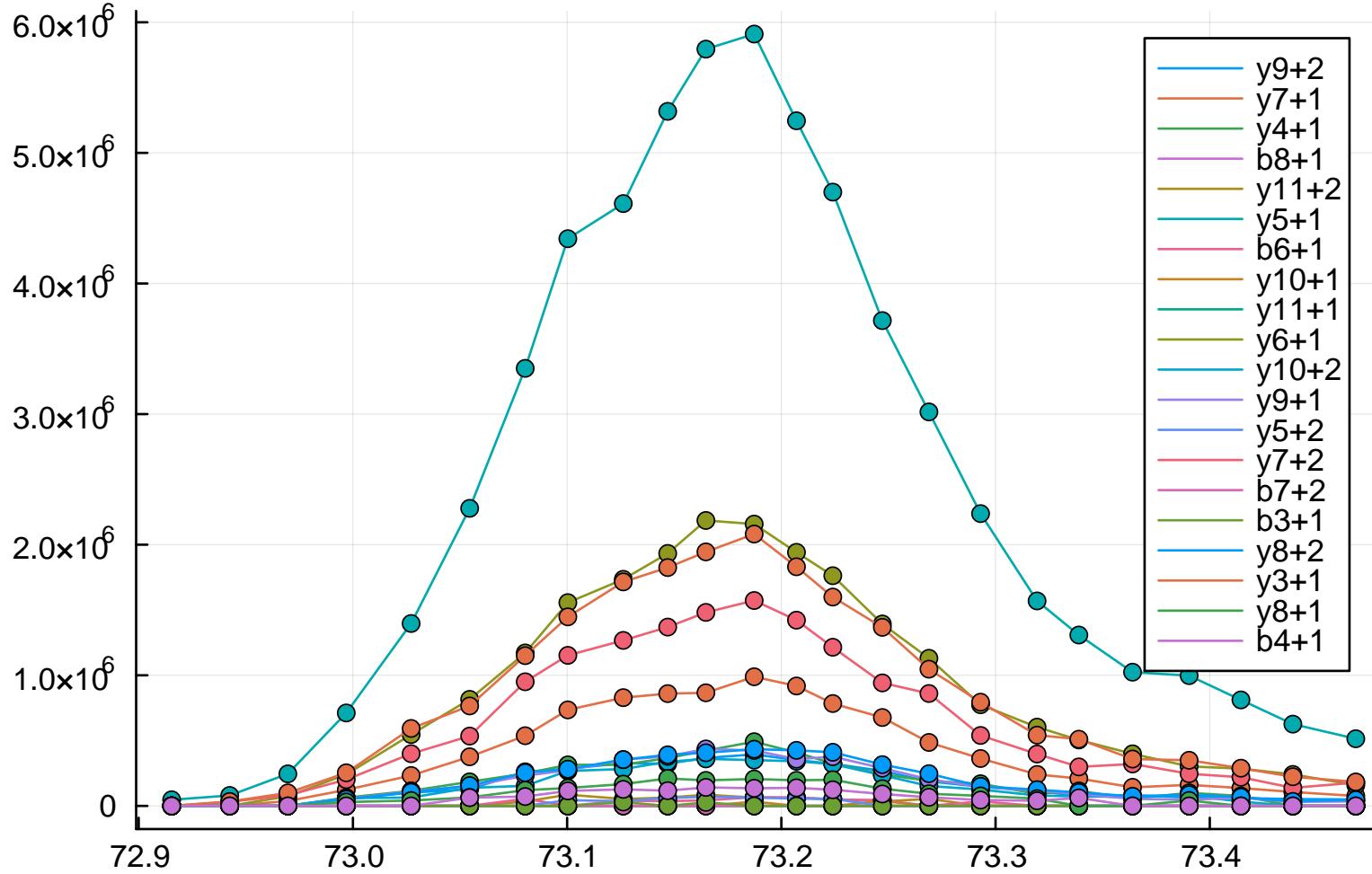
NEK9- GAFGEATLYR[Harg]



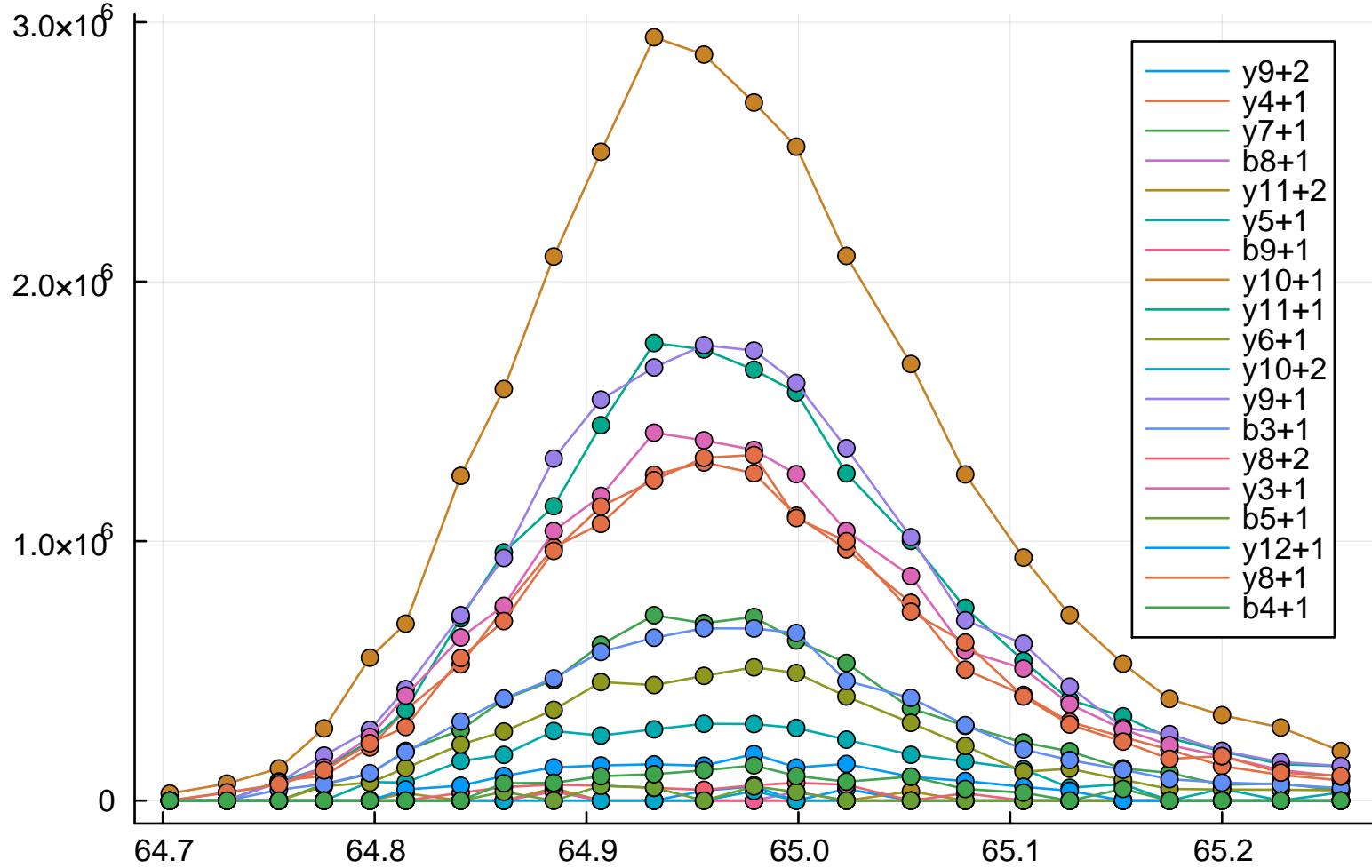
NRBP2- VIFITEYVSSGSLK[Hlys]



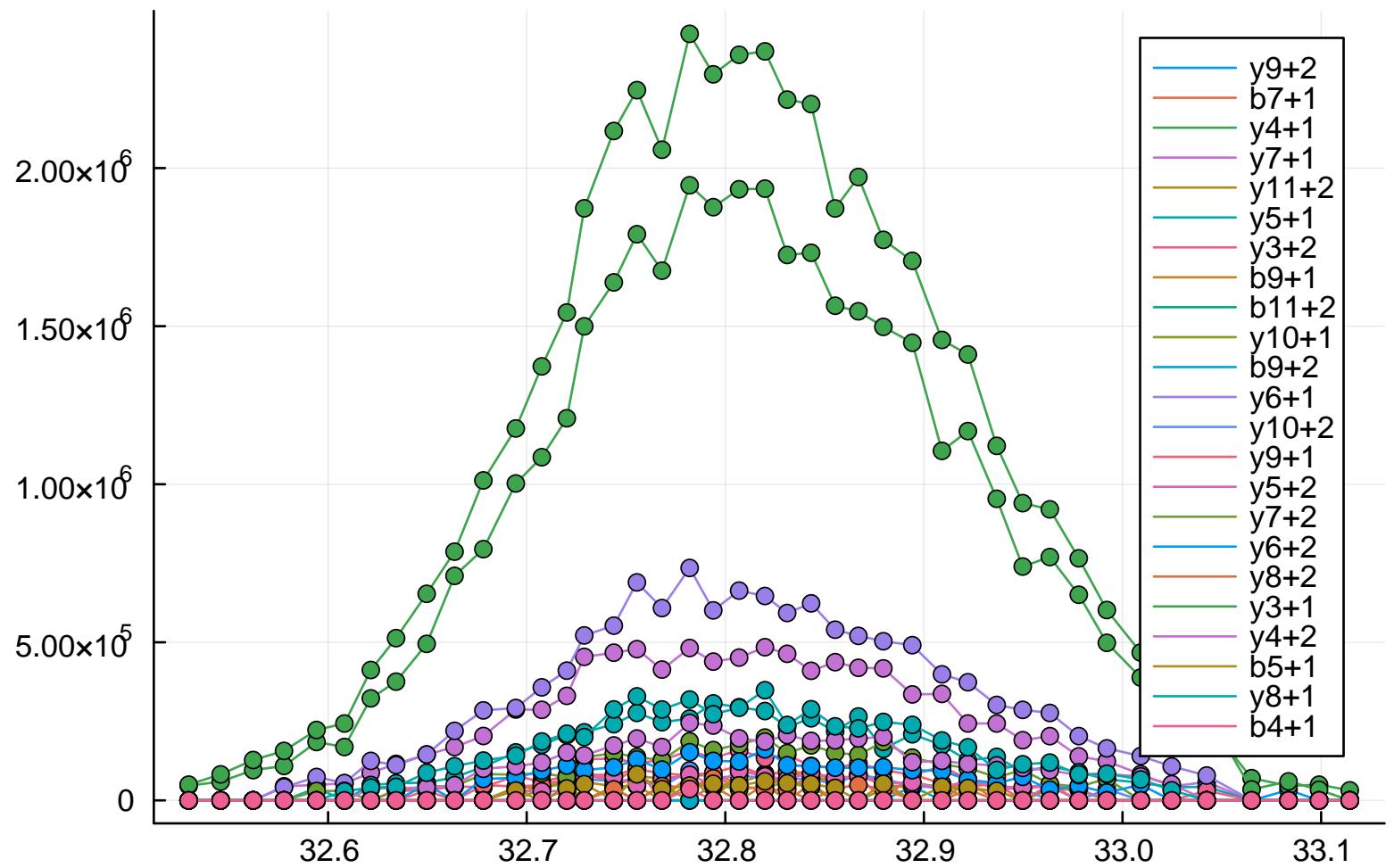
NRK- LLVDIHVPDGFK[Hlys]



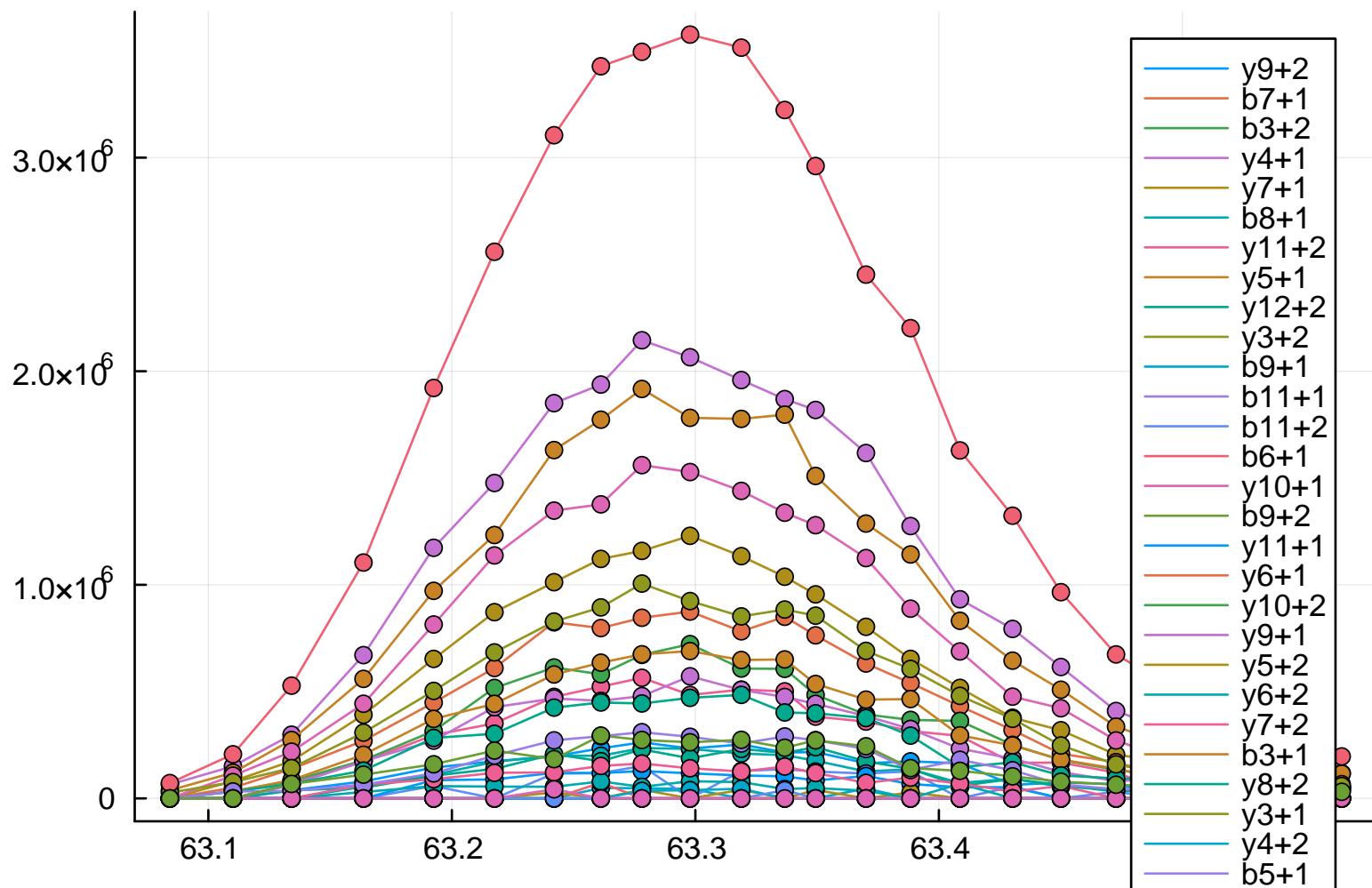
NTRK3- VFLAEC[Carb]YNLSPTK[Hlys]



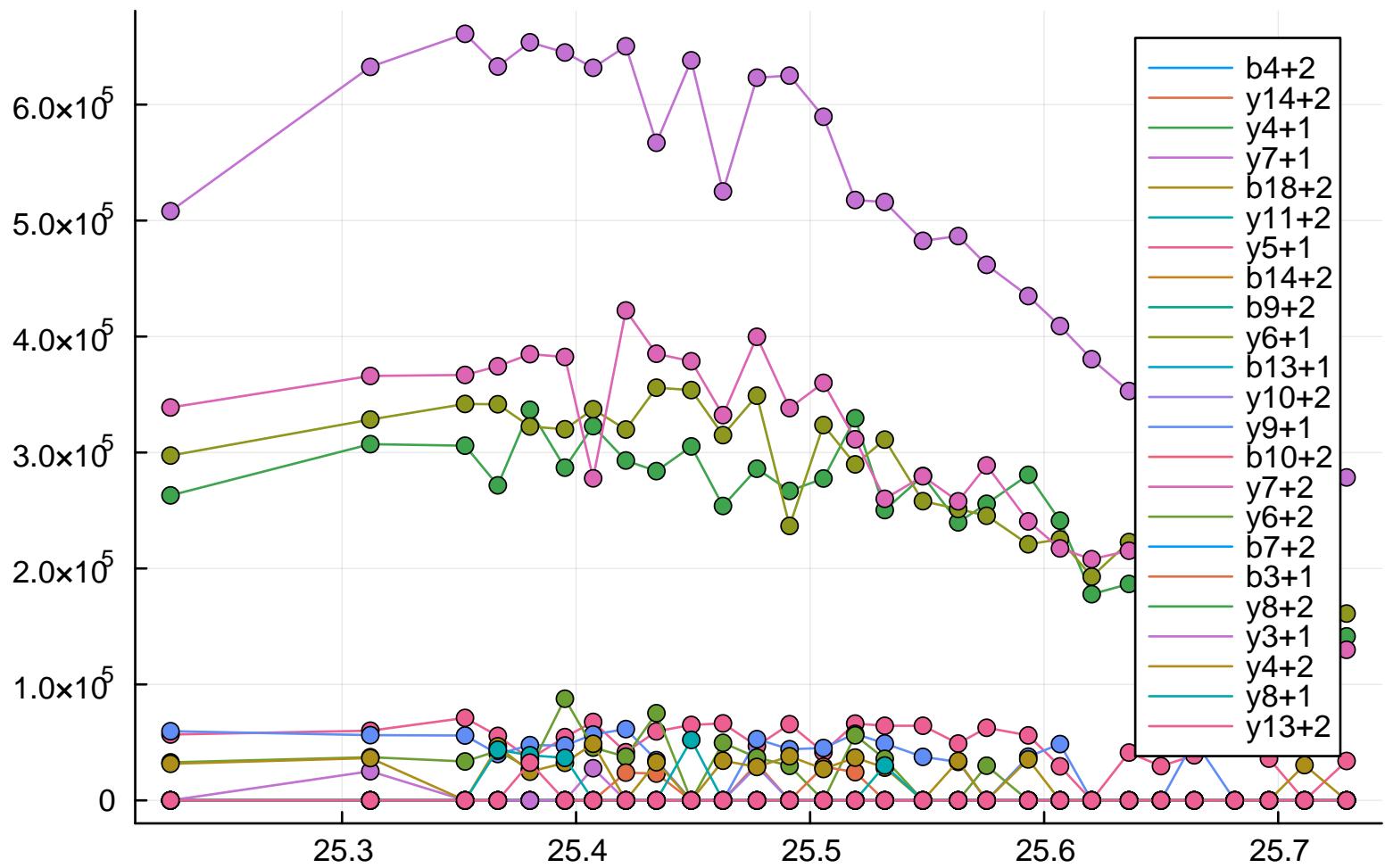
NUAK2- EQKPPQASGLLHR[Harg]



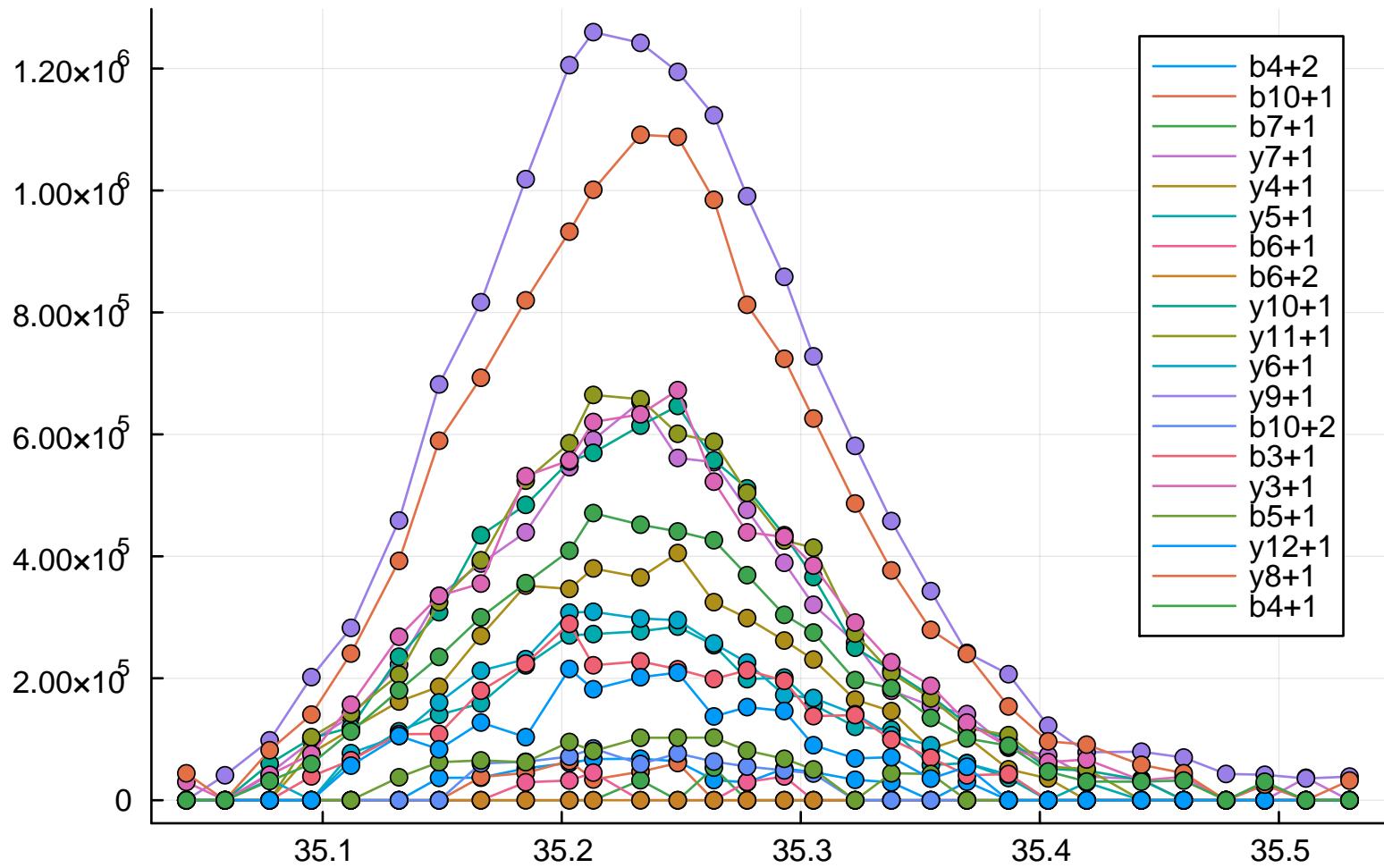
NUAK2- IADFGLSNLYHQGK[H]lys



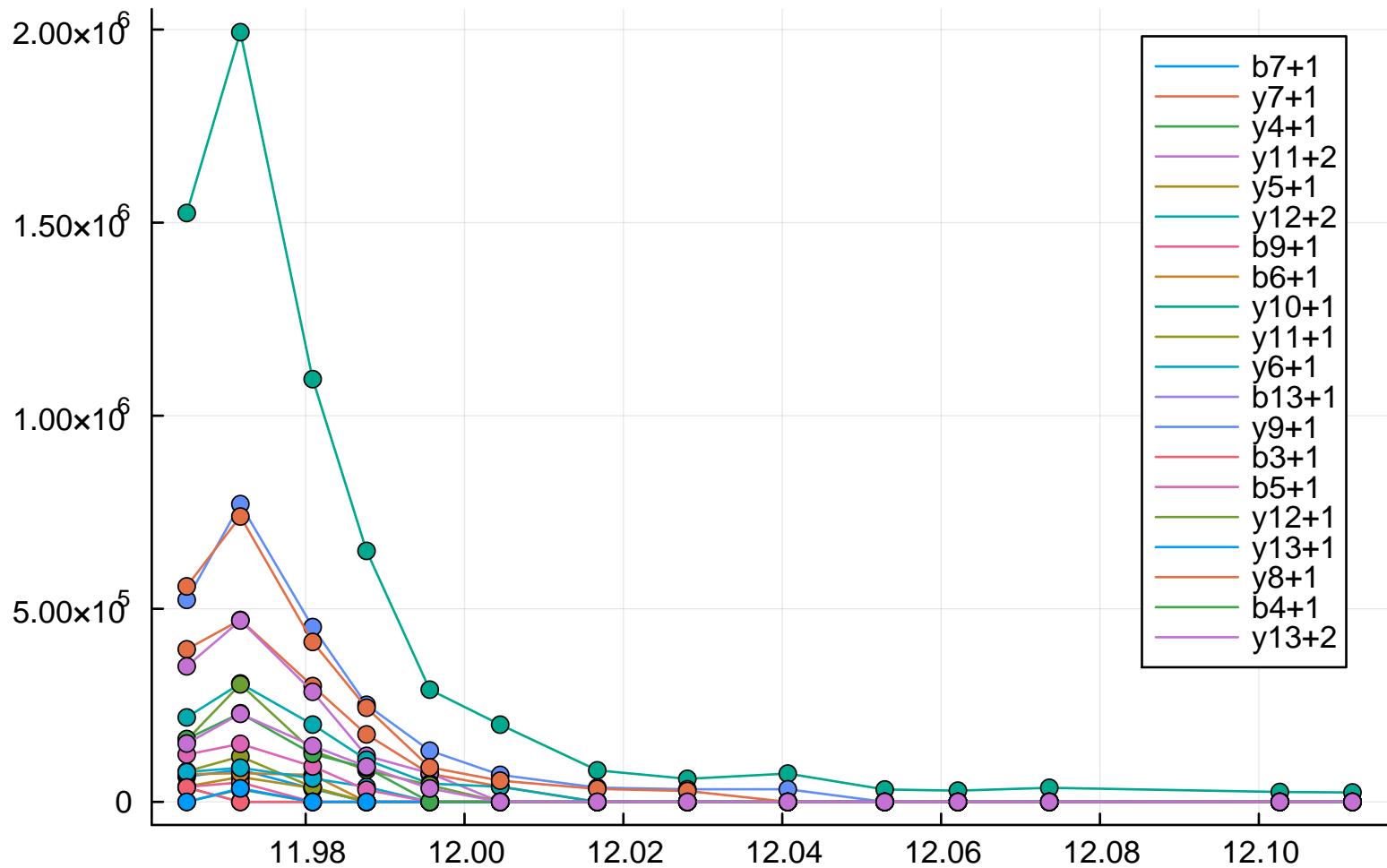
PAK1- DAGTLNHGSKPLPPNPEEK[Hlys]



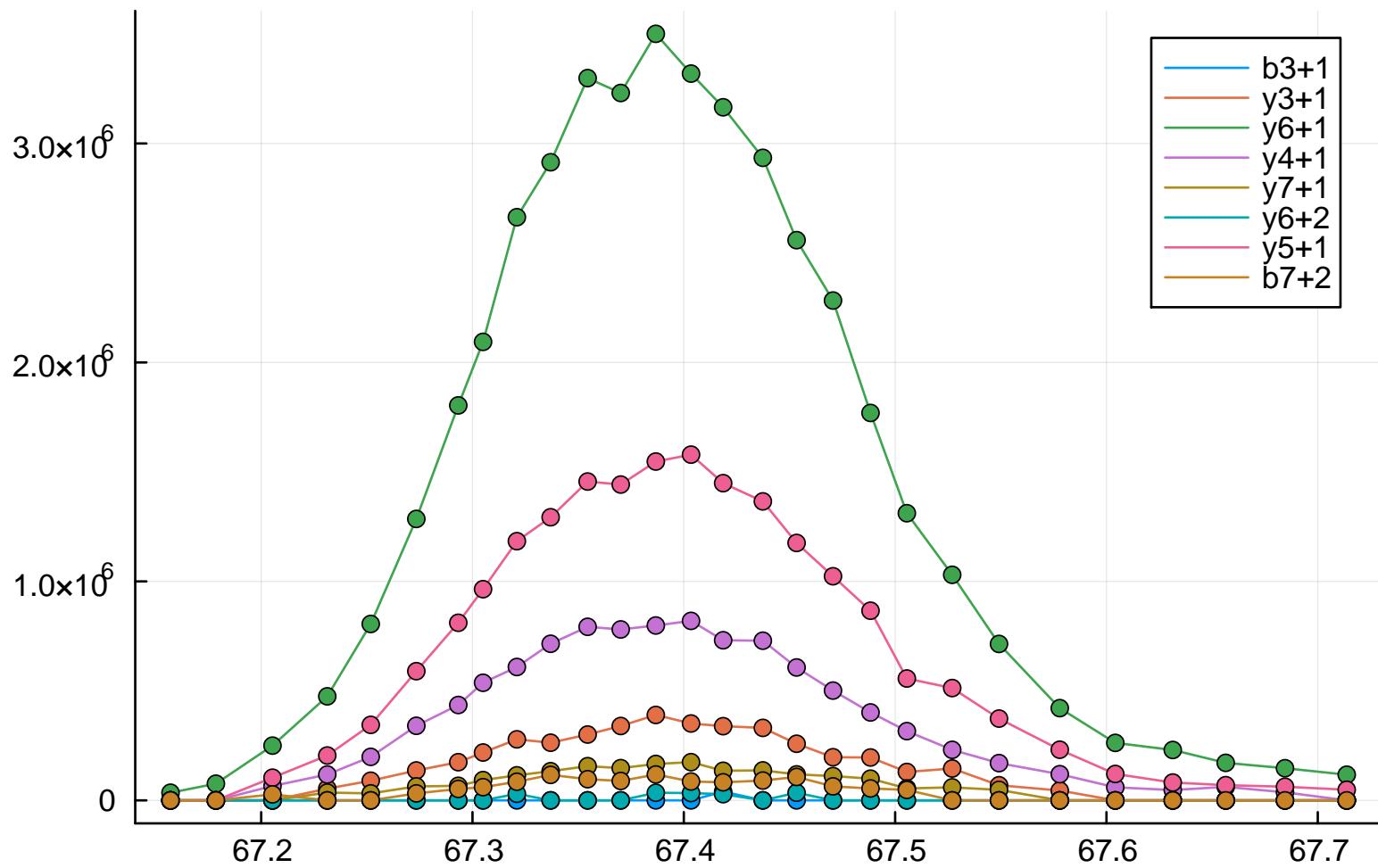
PAK1- SAEDYNSSNALNVK[Hlys]



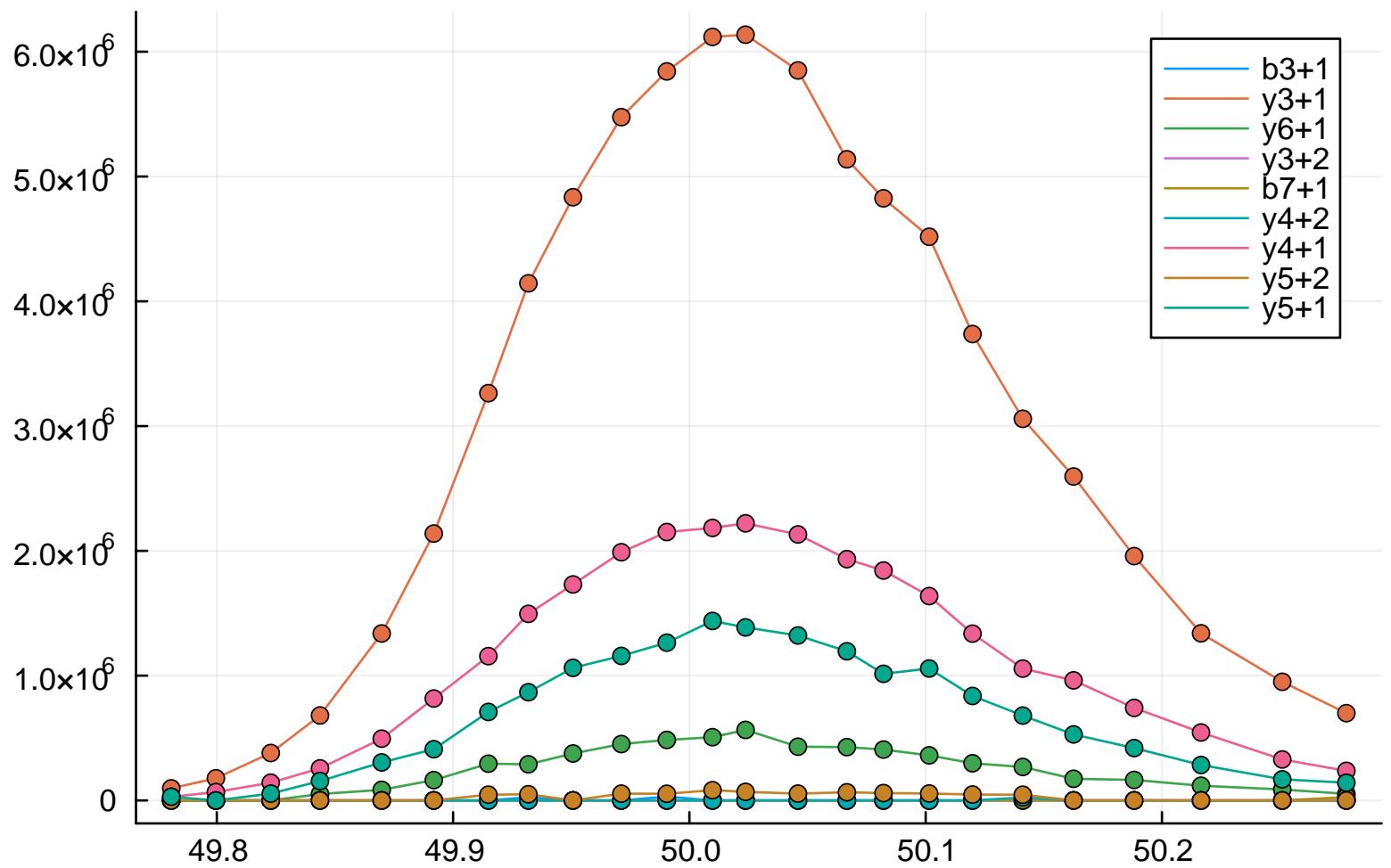
PAK4- FAGHSEAGGGSGDR[Harg]



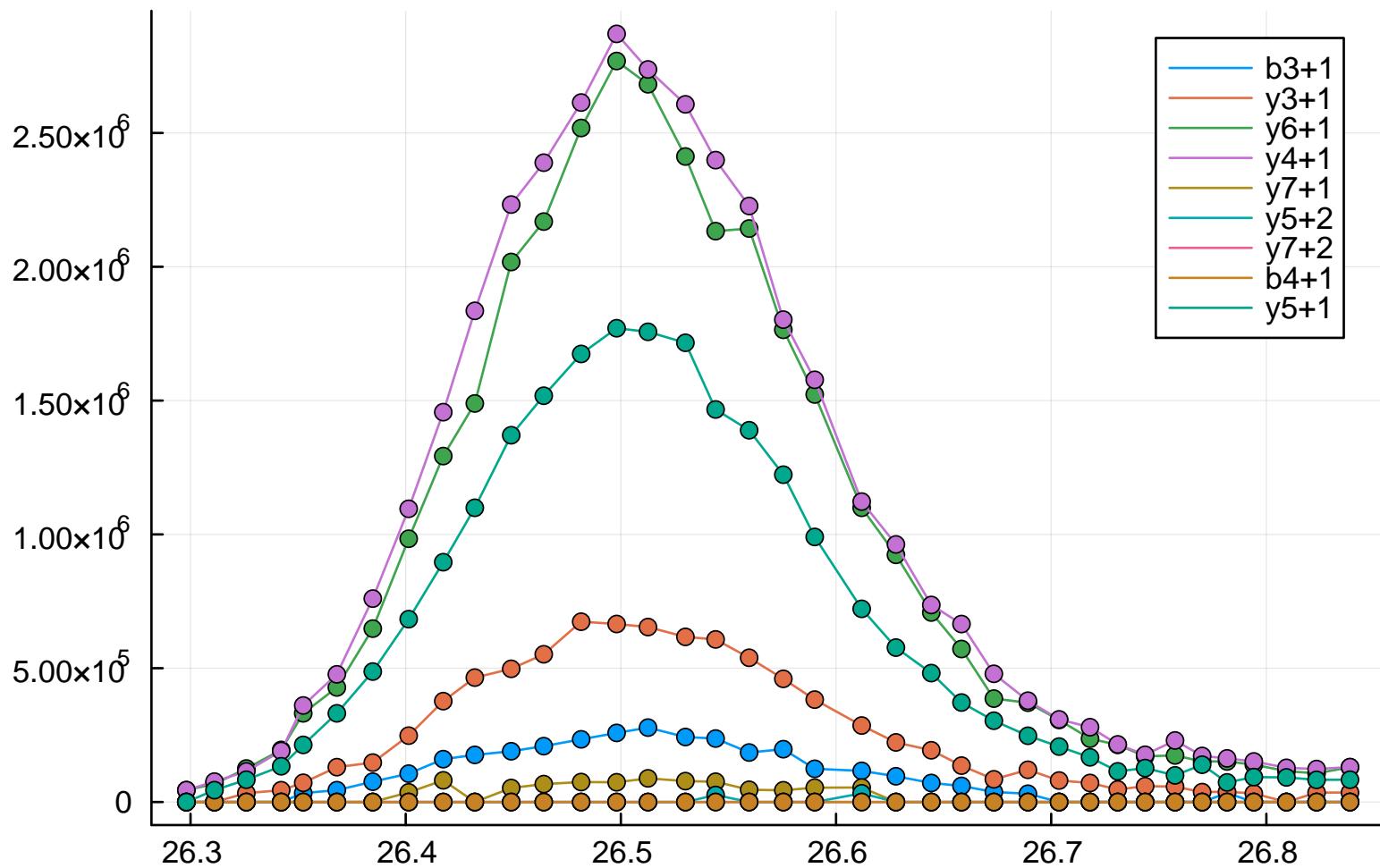
PAK4- SYLDNF1K[Hlys]



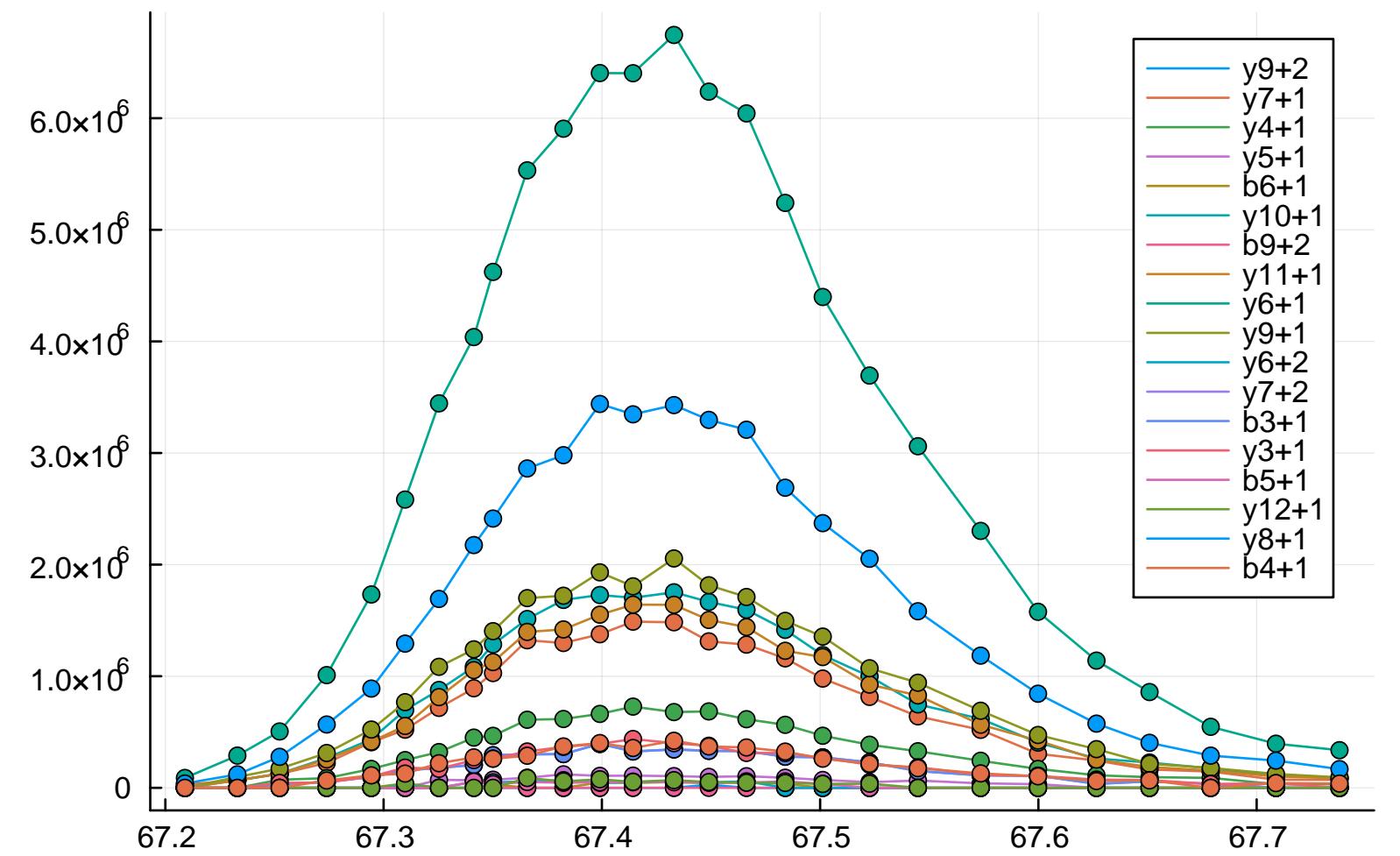
PDGFB- GSTFLPLK[Hlys]



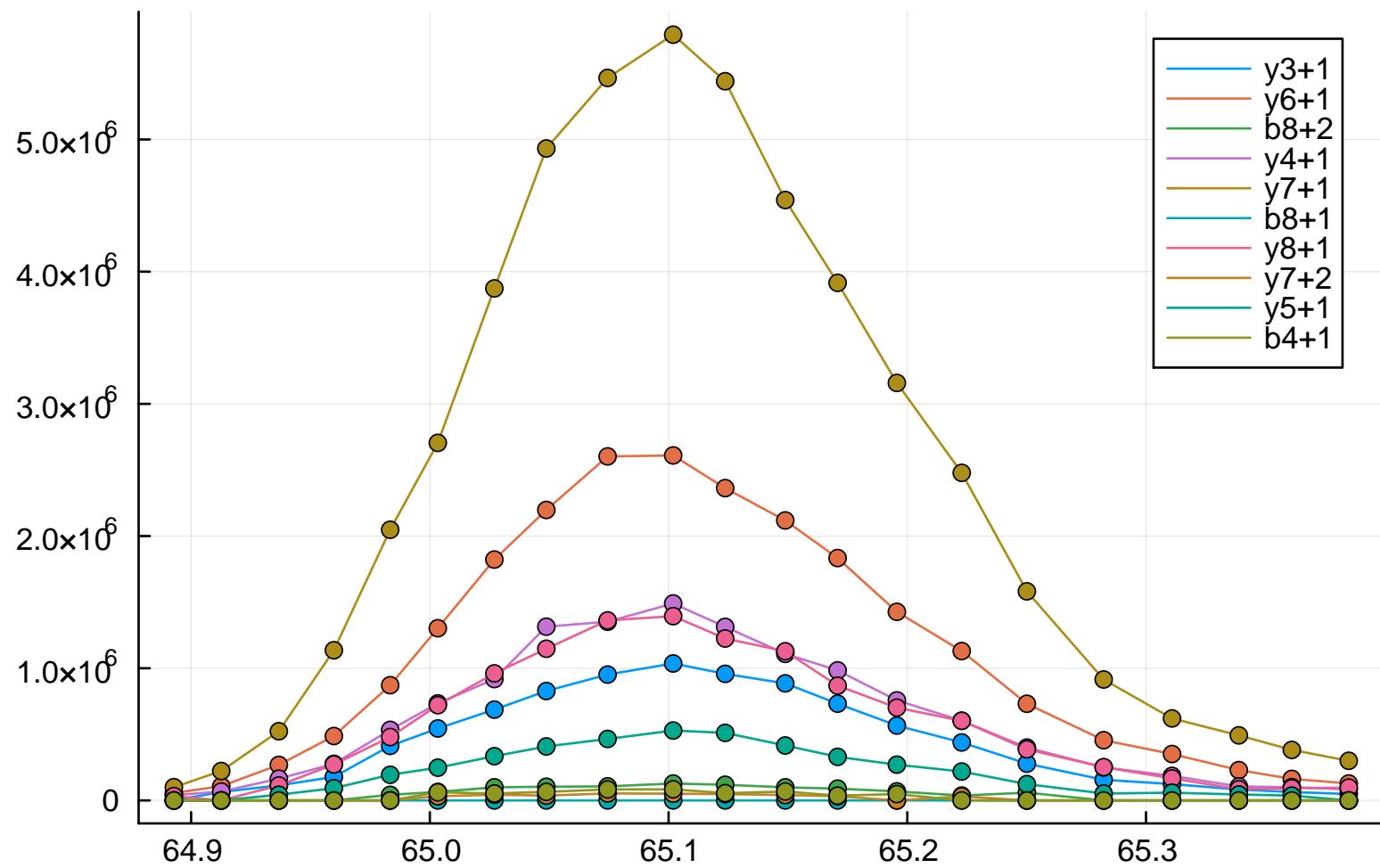
PDGFB- NVLIC[Carb]EGK[Hlys]



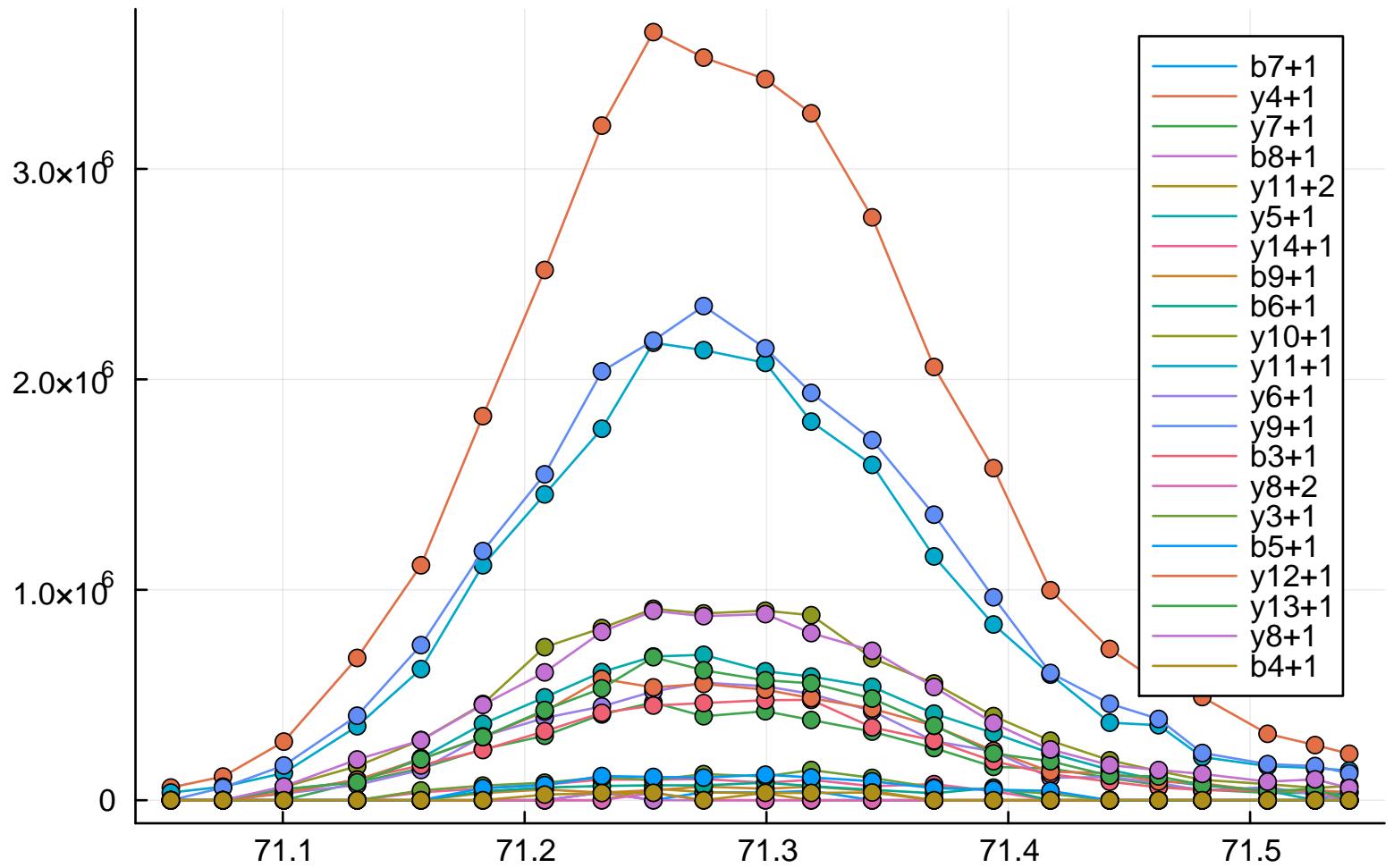
PDGFRA- LVYTLTVPEATVK[Hlys]



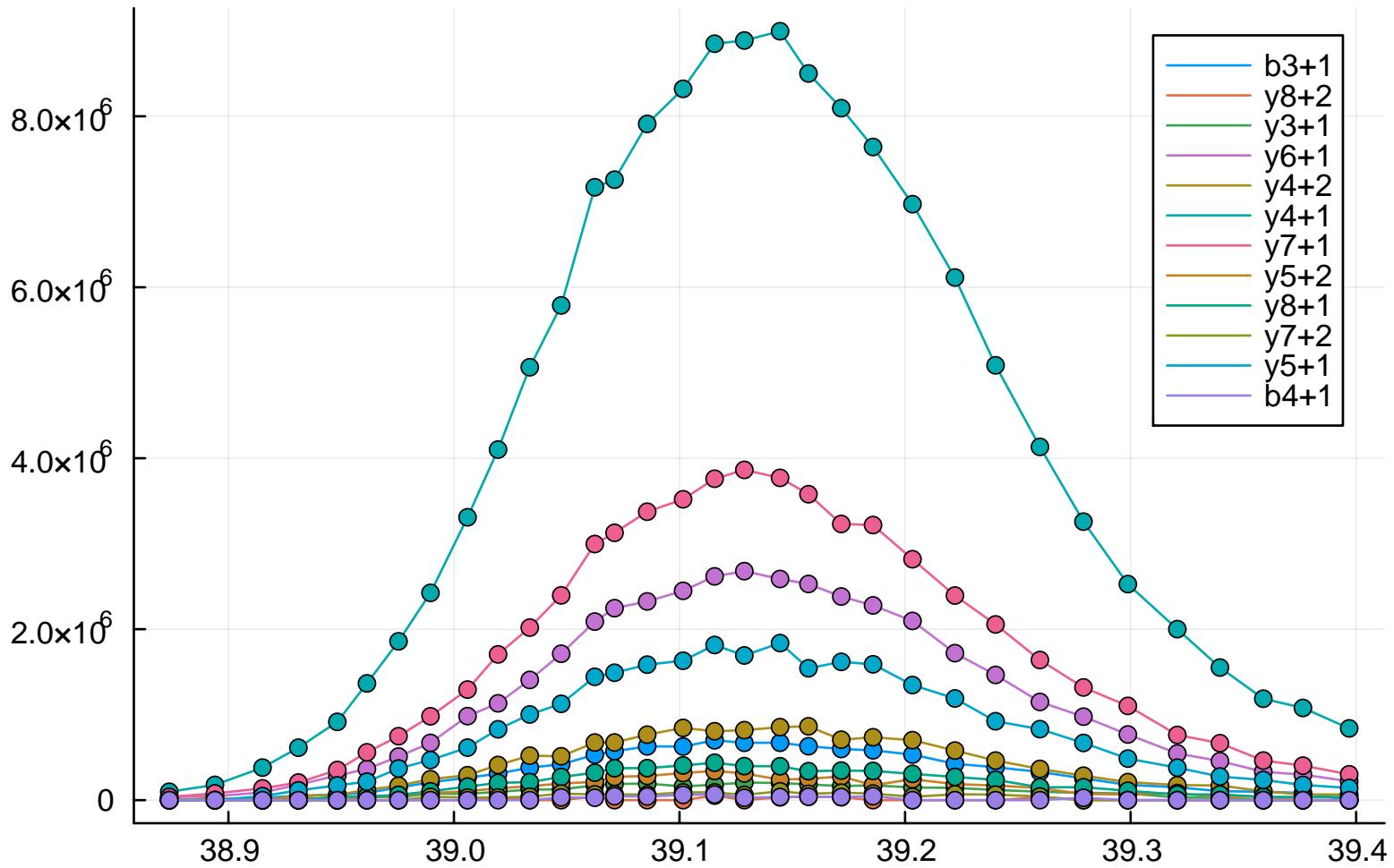
PDPK1- LYFGLSYAK[Hlys]



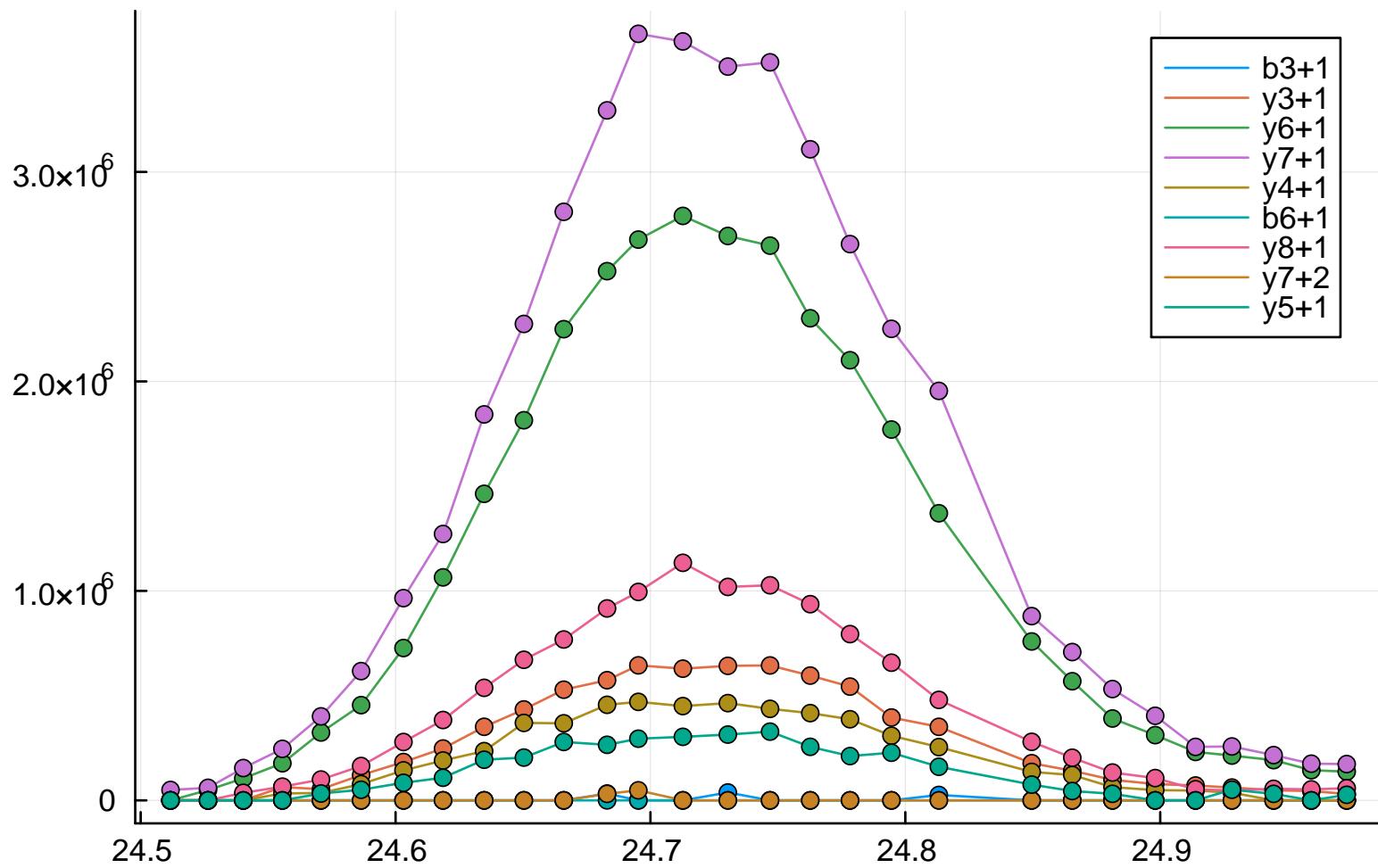
PHKG1- LTDFGFSC[Carb]QLEPGER[Harg]



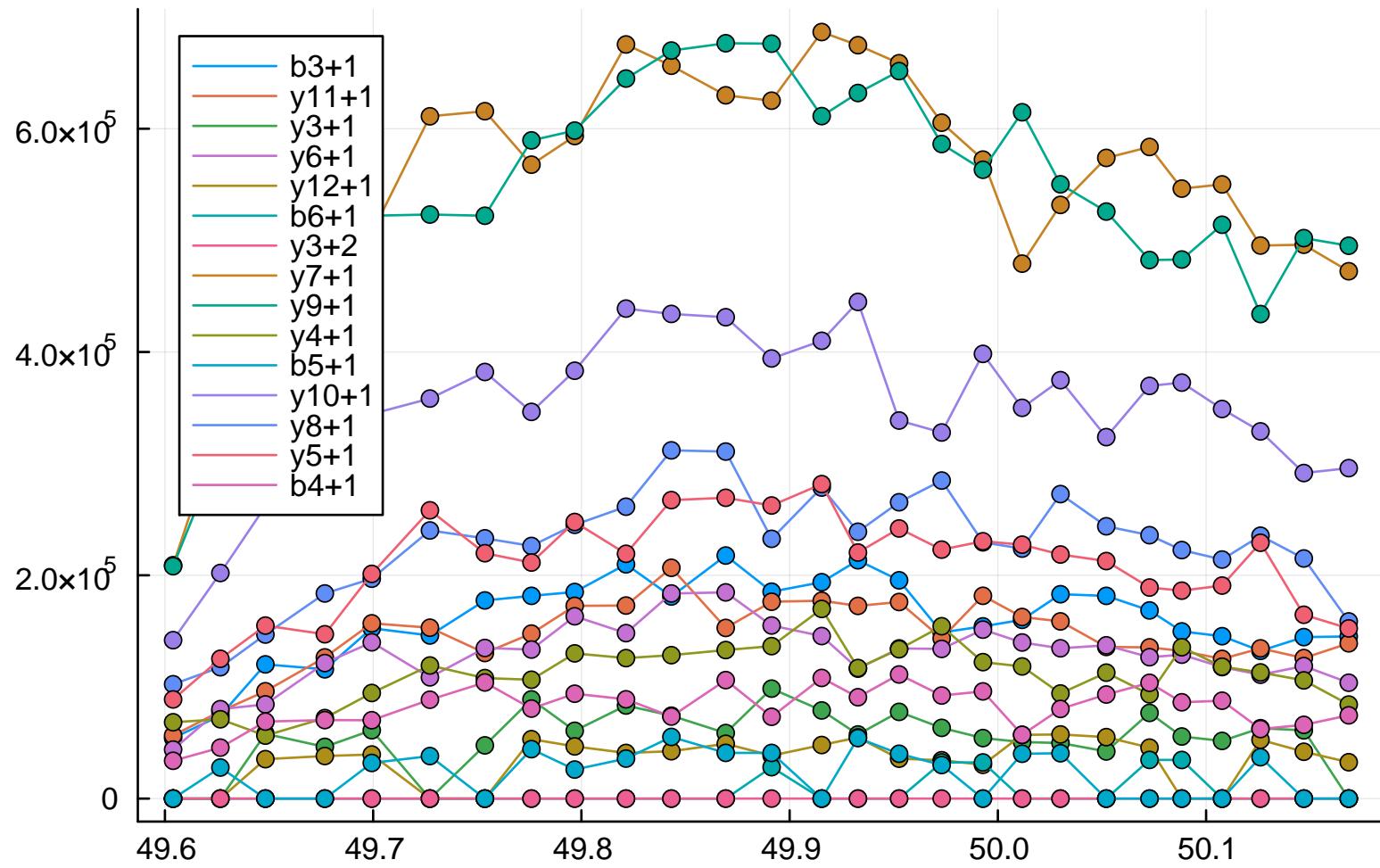
PHKG2- LLQVDPEAR[Harg]



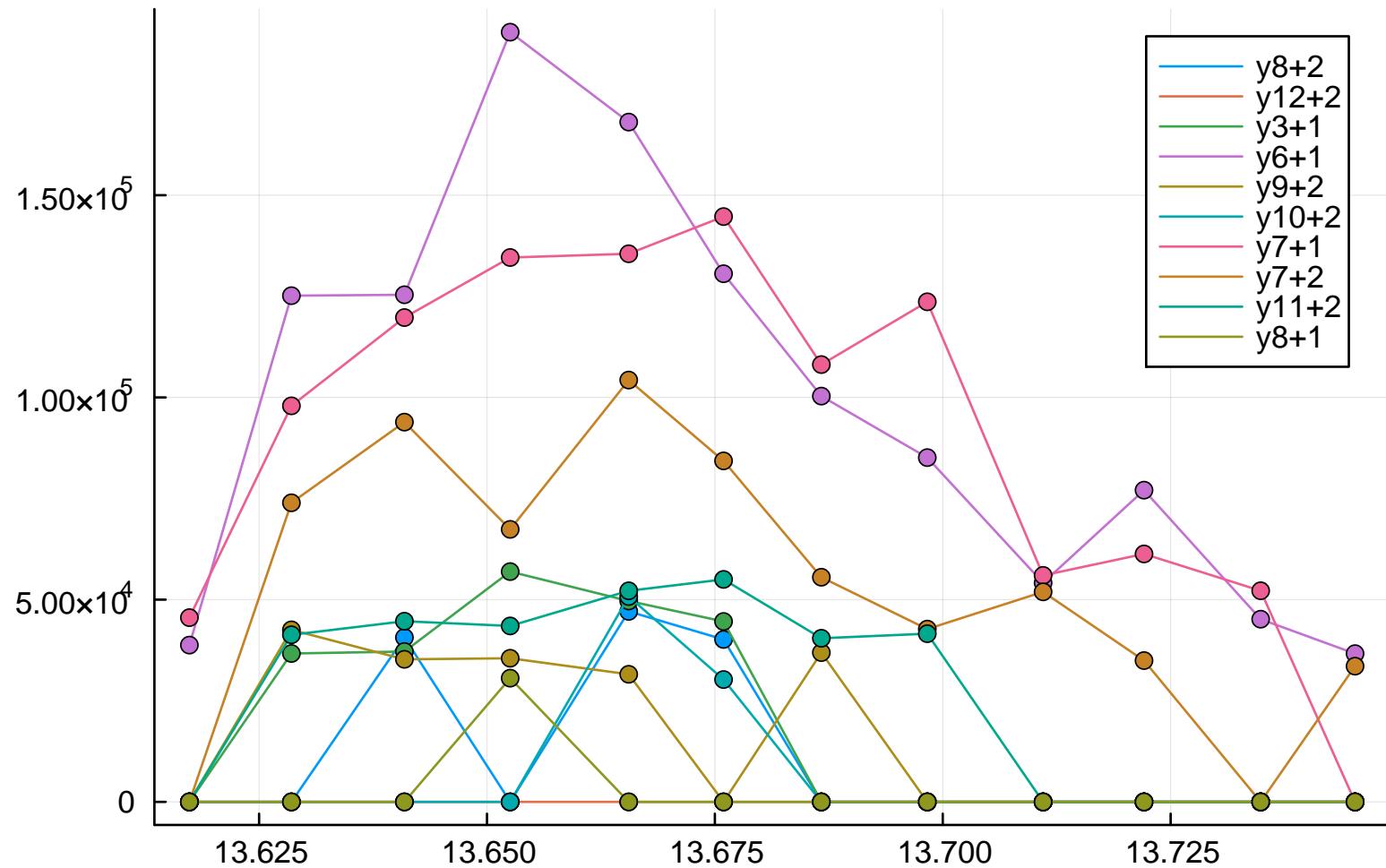
PI4KA- LYISQESDK[Hlys]



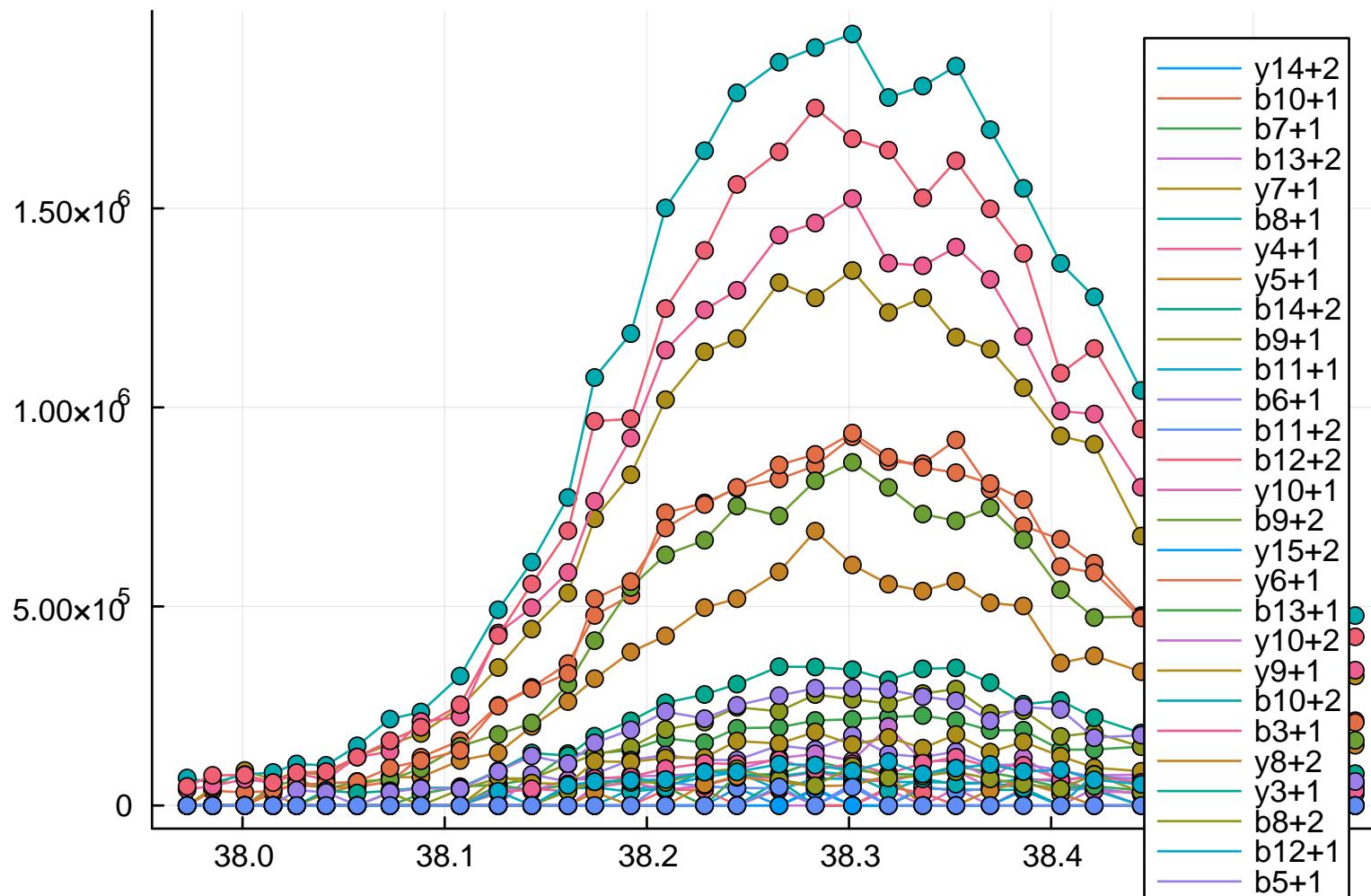
PI4KB- SDATASISLSSNLK[Hlys]



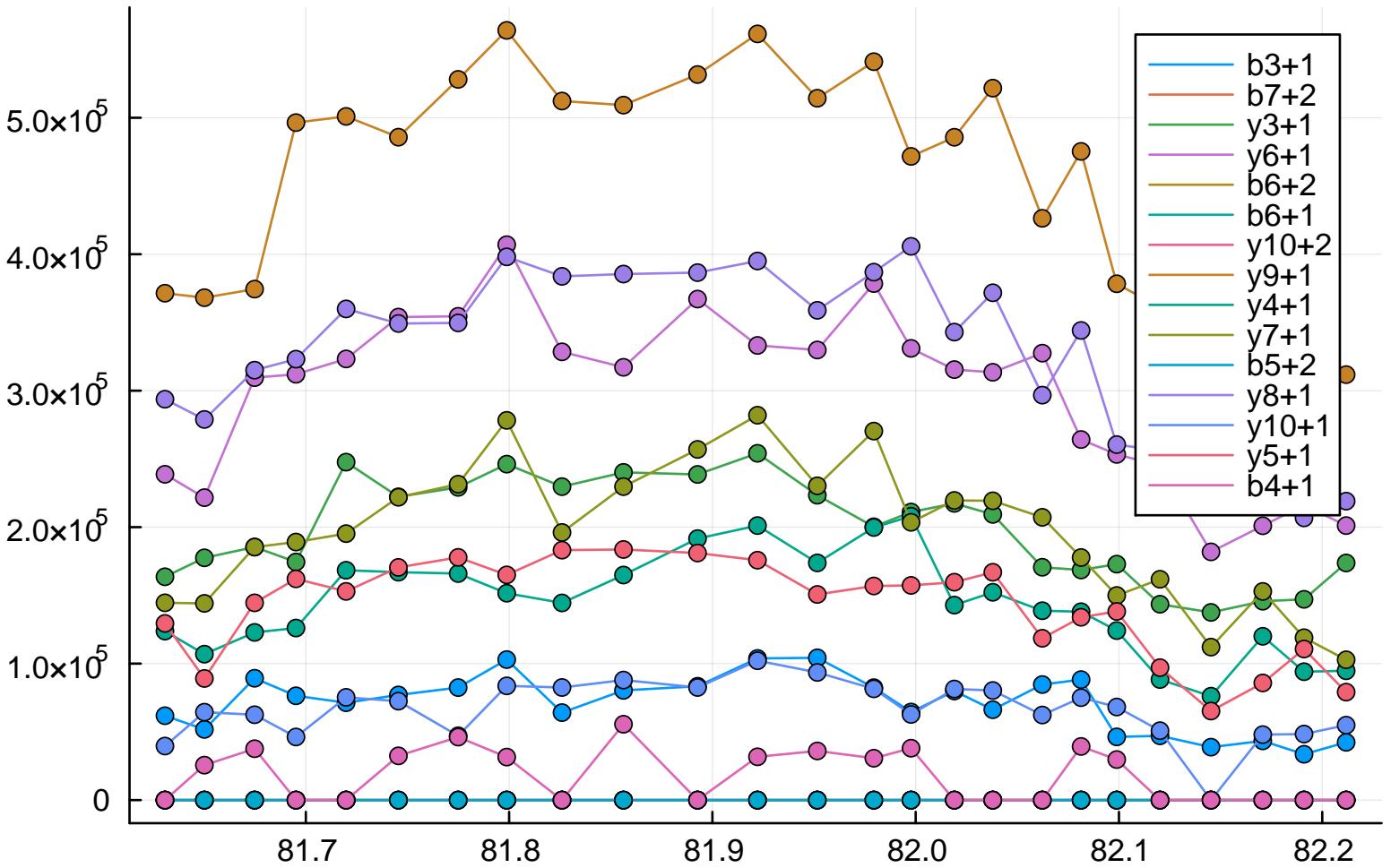
PIK3CA- QMNDAAHGGWTTK[Hlys]



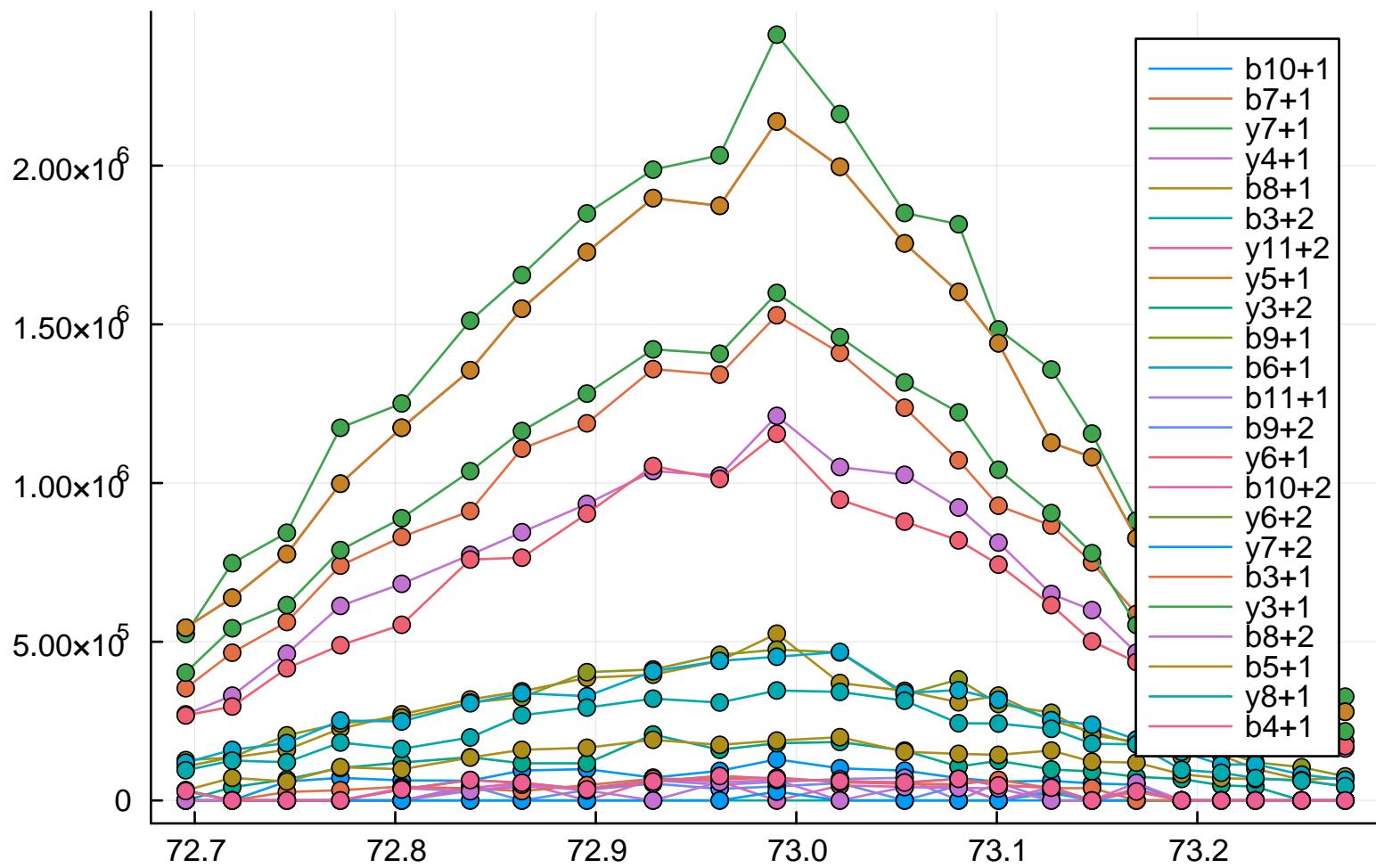
PIK3CA- TGIYHGGEPLC[Carb]DNVNTQR[Harg]



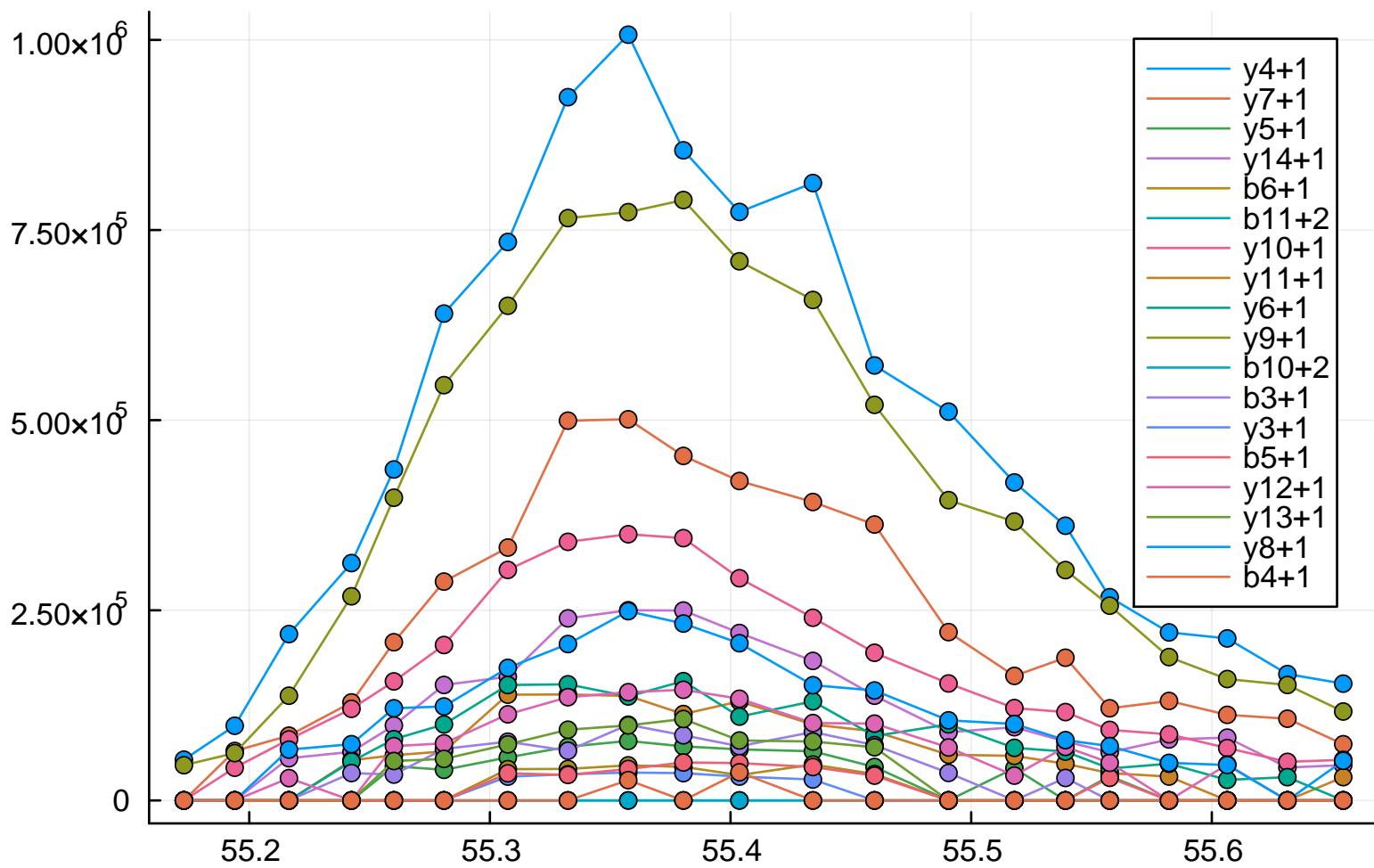
PIK3CB- LC[Carb]FAVYAVLDK[Hlys]



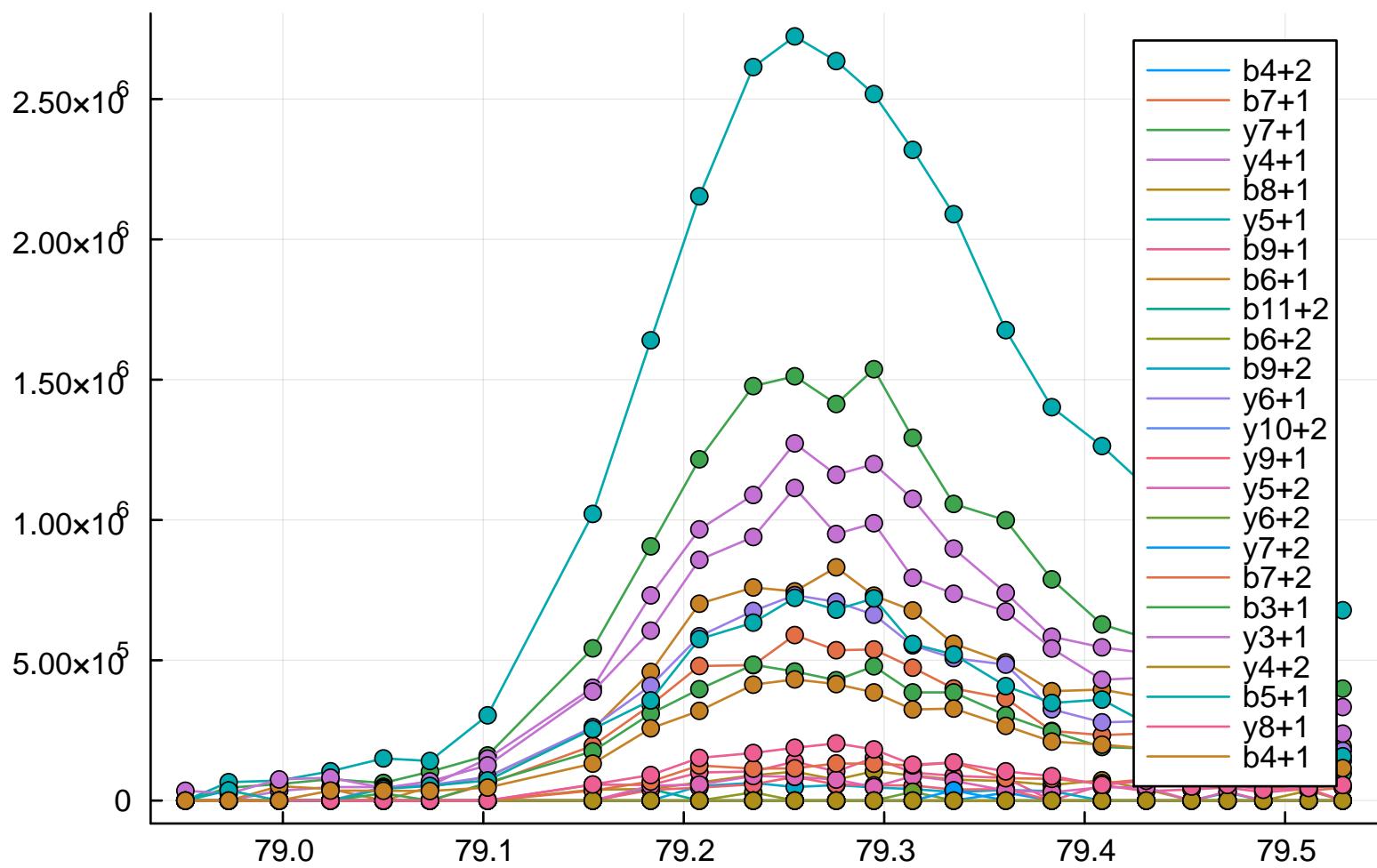
PIK3CD- KPSSVSLWSLEQPFR[Harg]



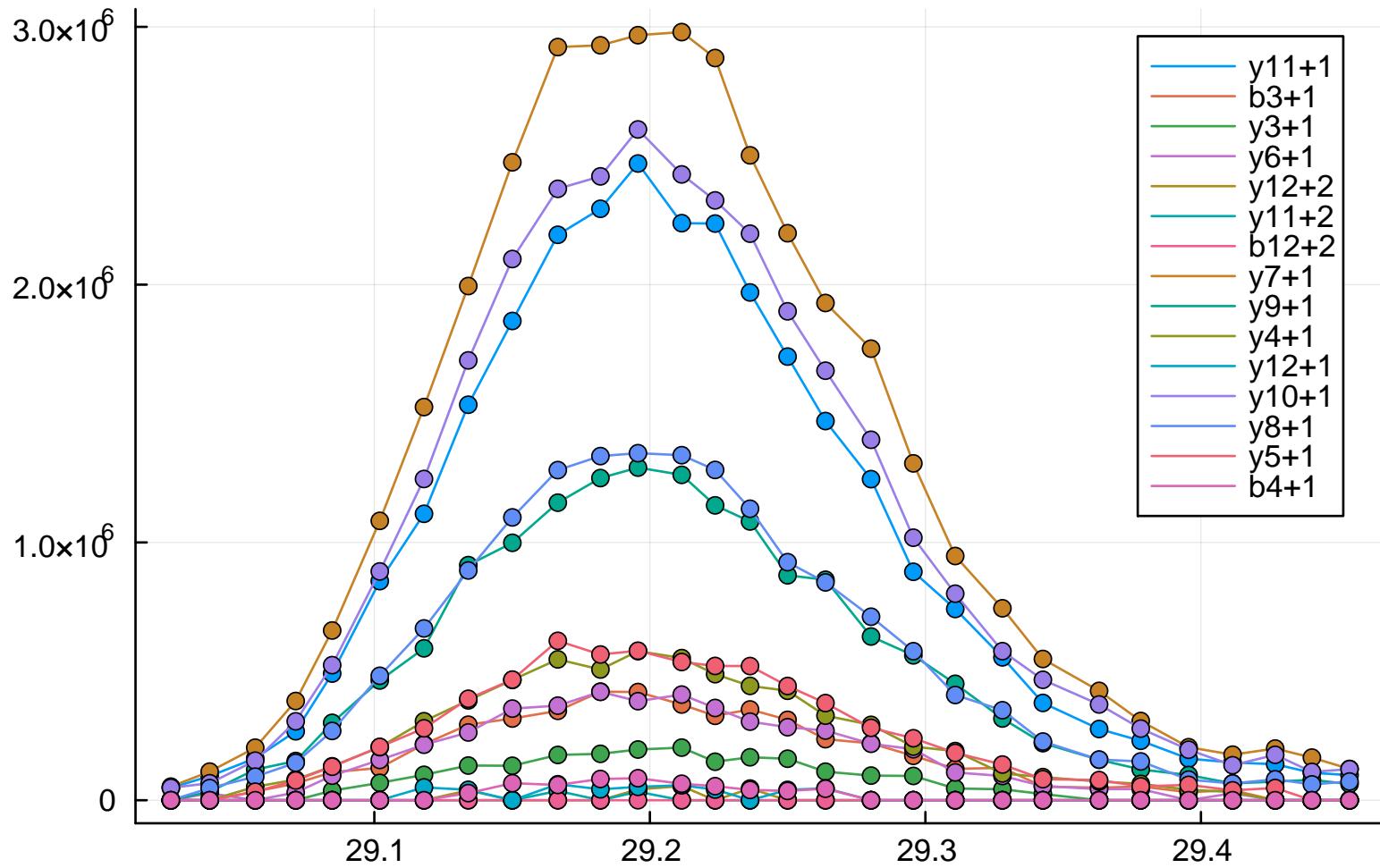
PIK3CD- TVSSSEVSVC[Carb]SEPVWK[Hlys]



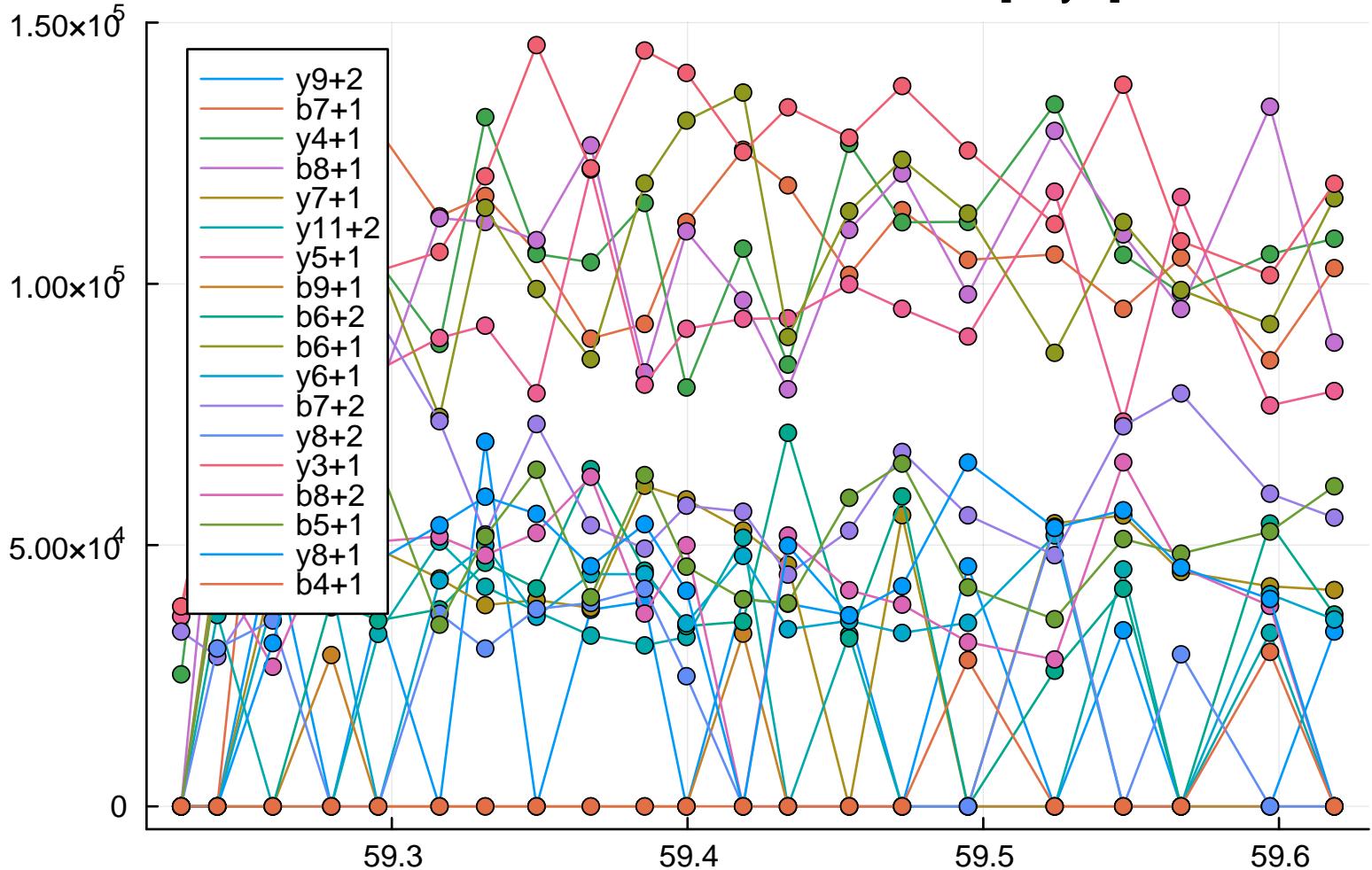
PIK3CG- DHESVFTVSLWDC[Carb]DR[Harg]



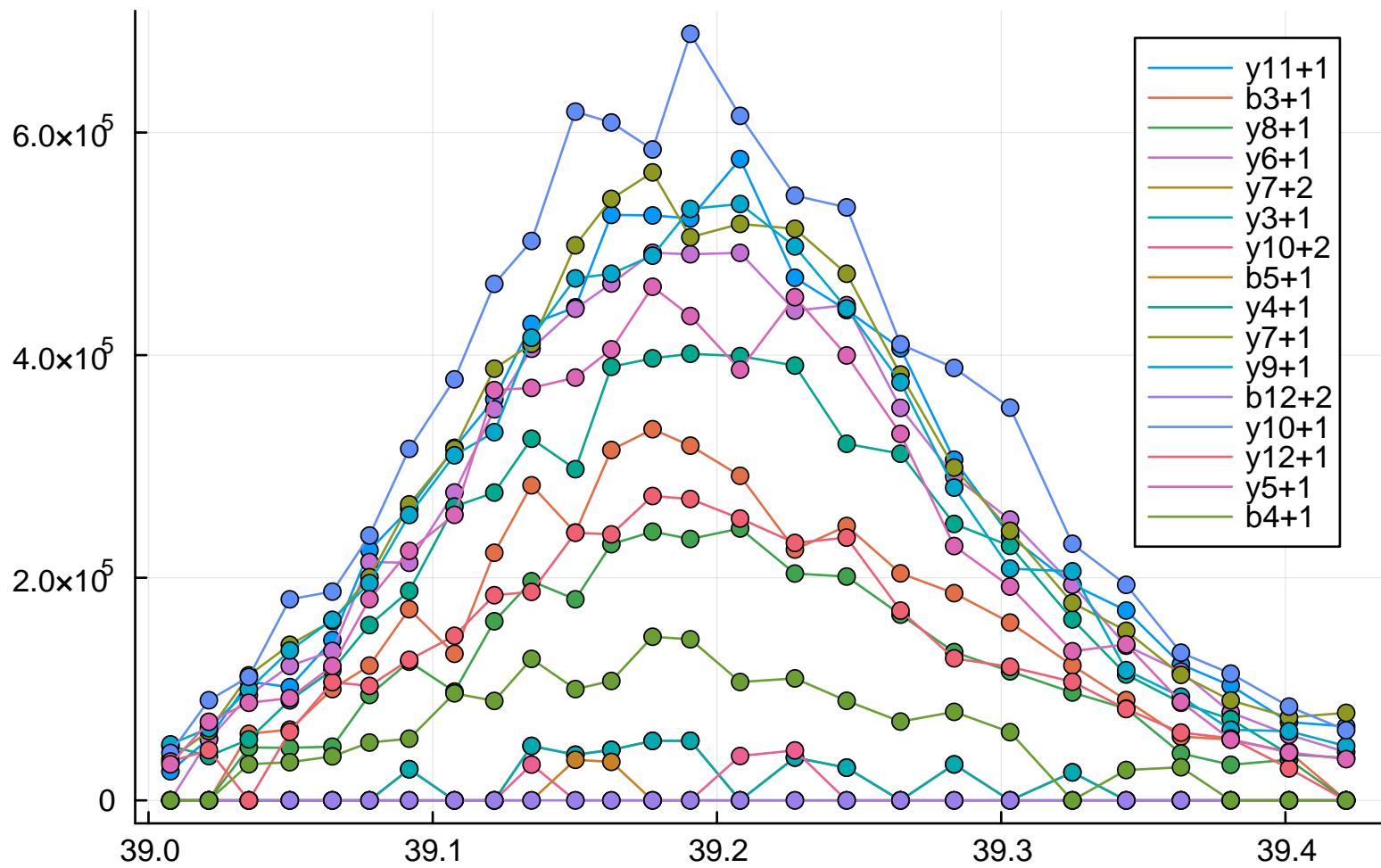
PIK3CG- IQQSTVGNTGAFK[Hlys]



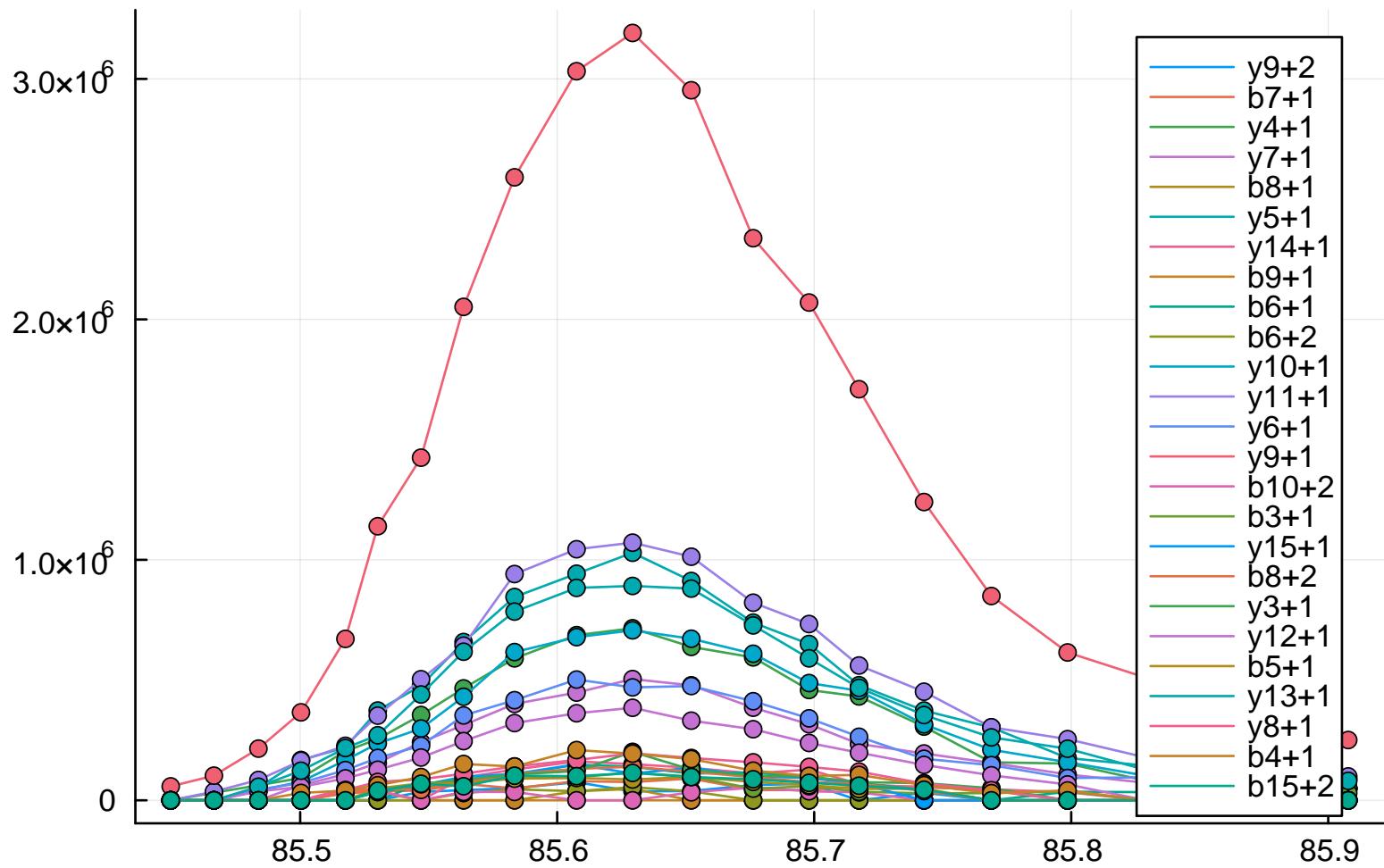
PIK3CG- LGPHHFLLLYQK[Hlys]



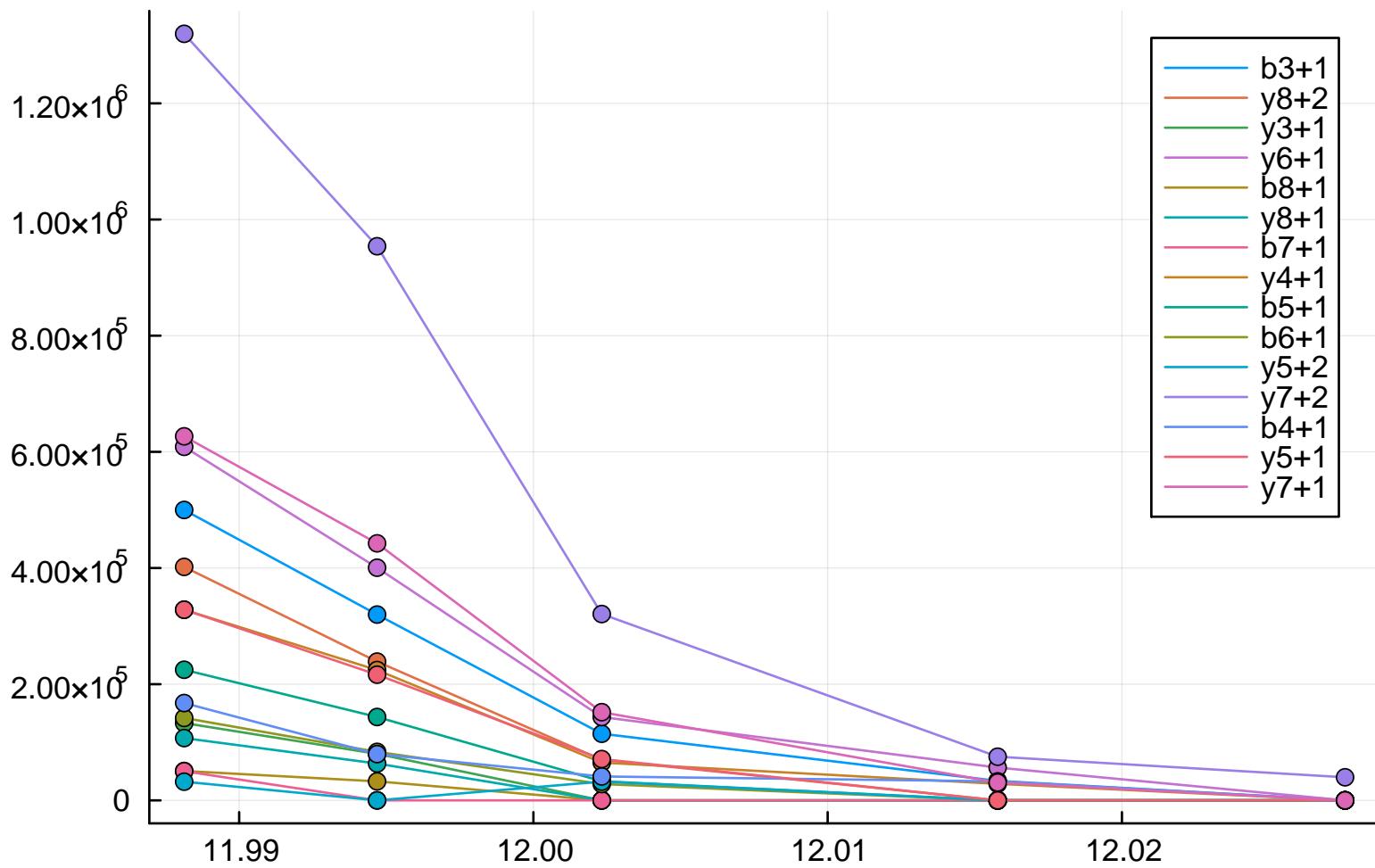
PIK3R2- GC[Carb]YAC[Carb]SVVVVDGDTK[Hlys]



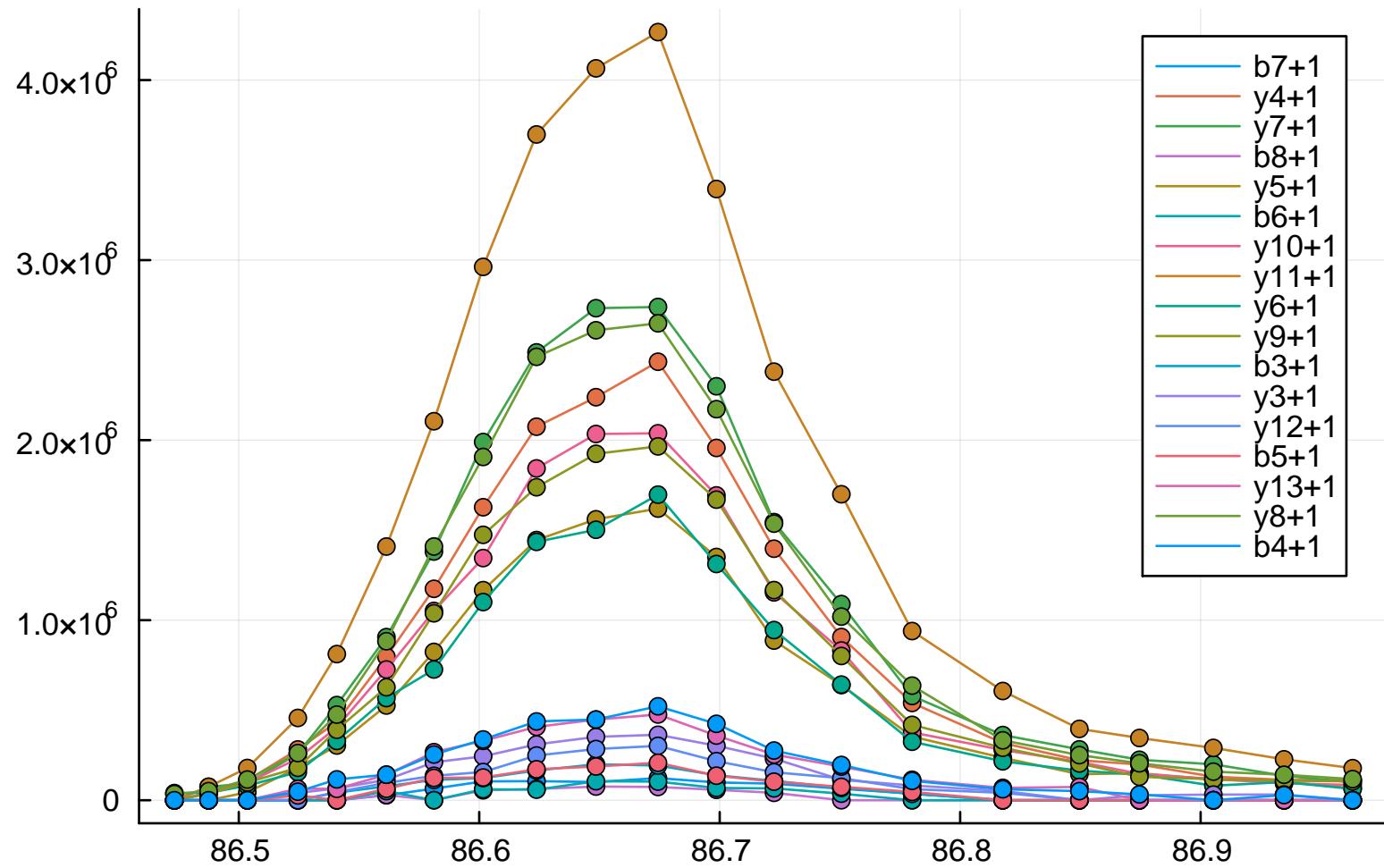
PIK3R2- TATGFGFAEPYNLYGSLK[Hlys]



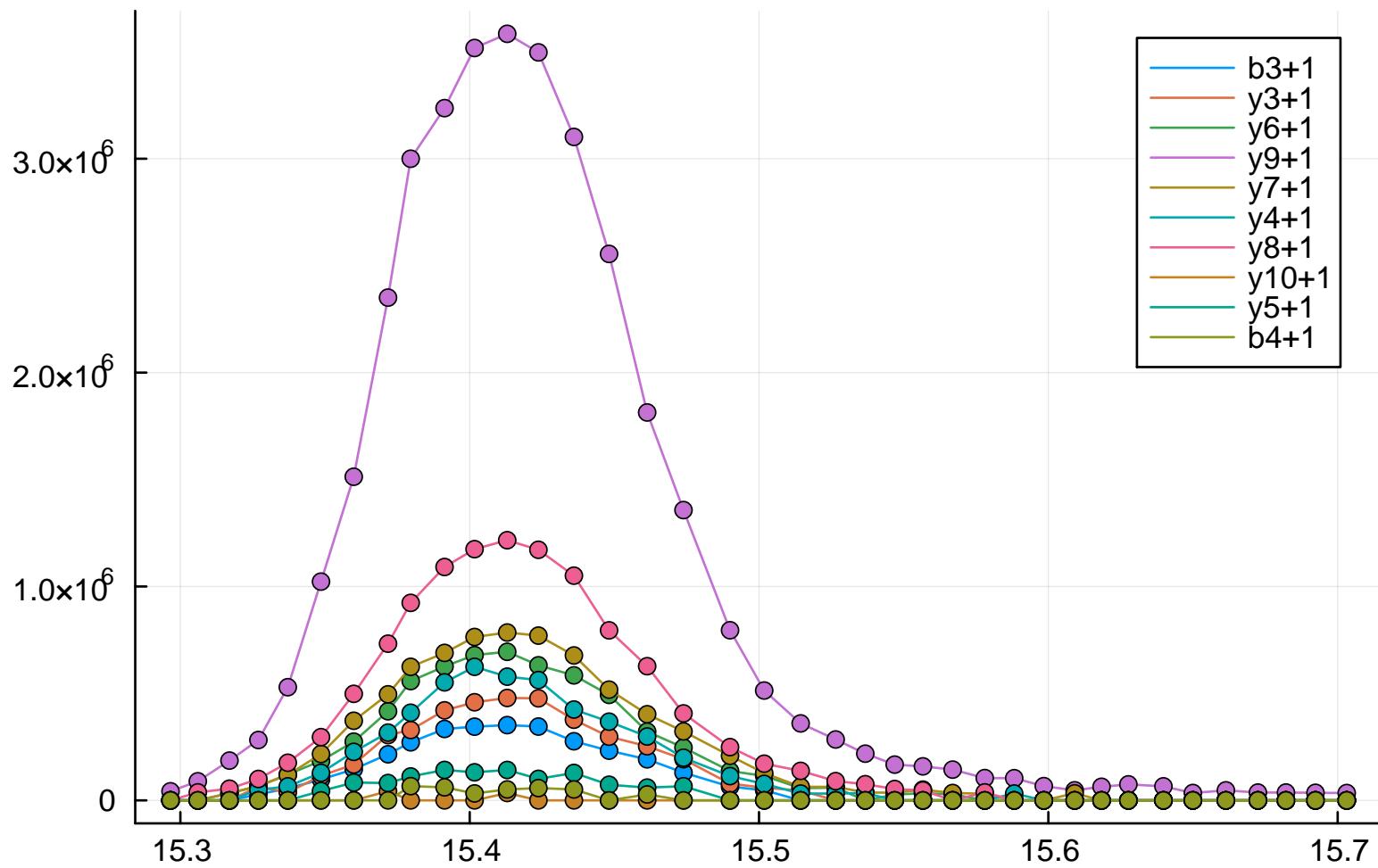
PIK3R2- VYHQQQYQDK[Hlys]



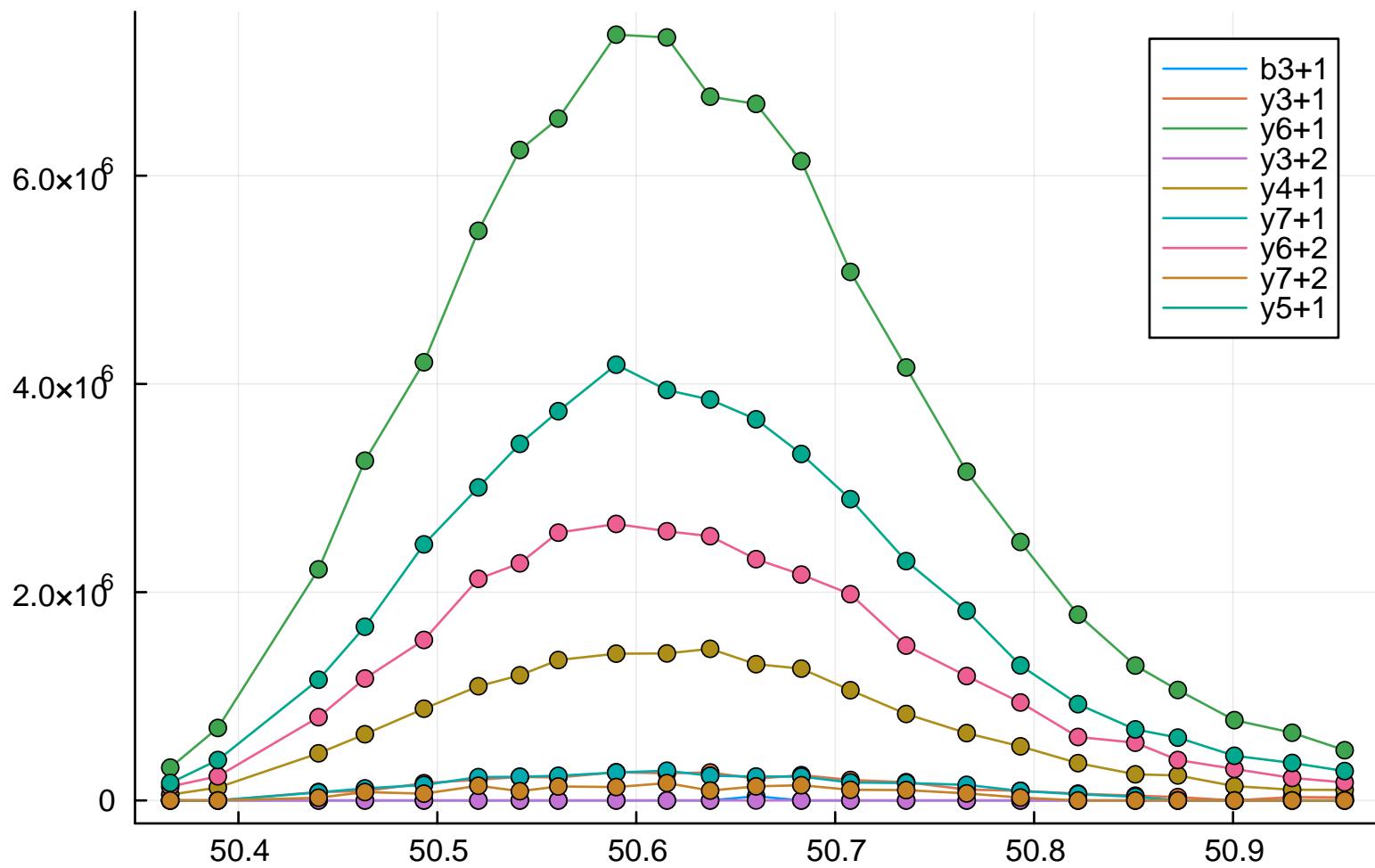
PIP4K2C- FGIDDQDYLVSLTR[Harg]



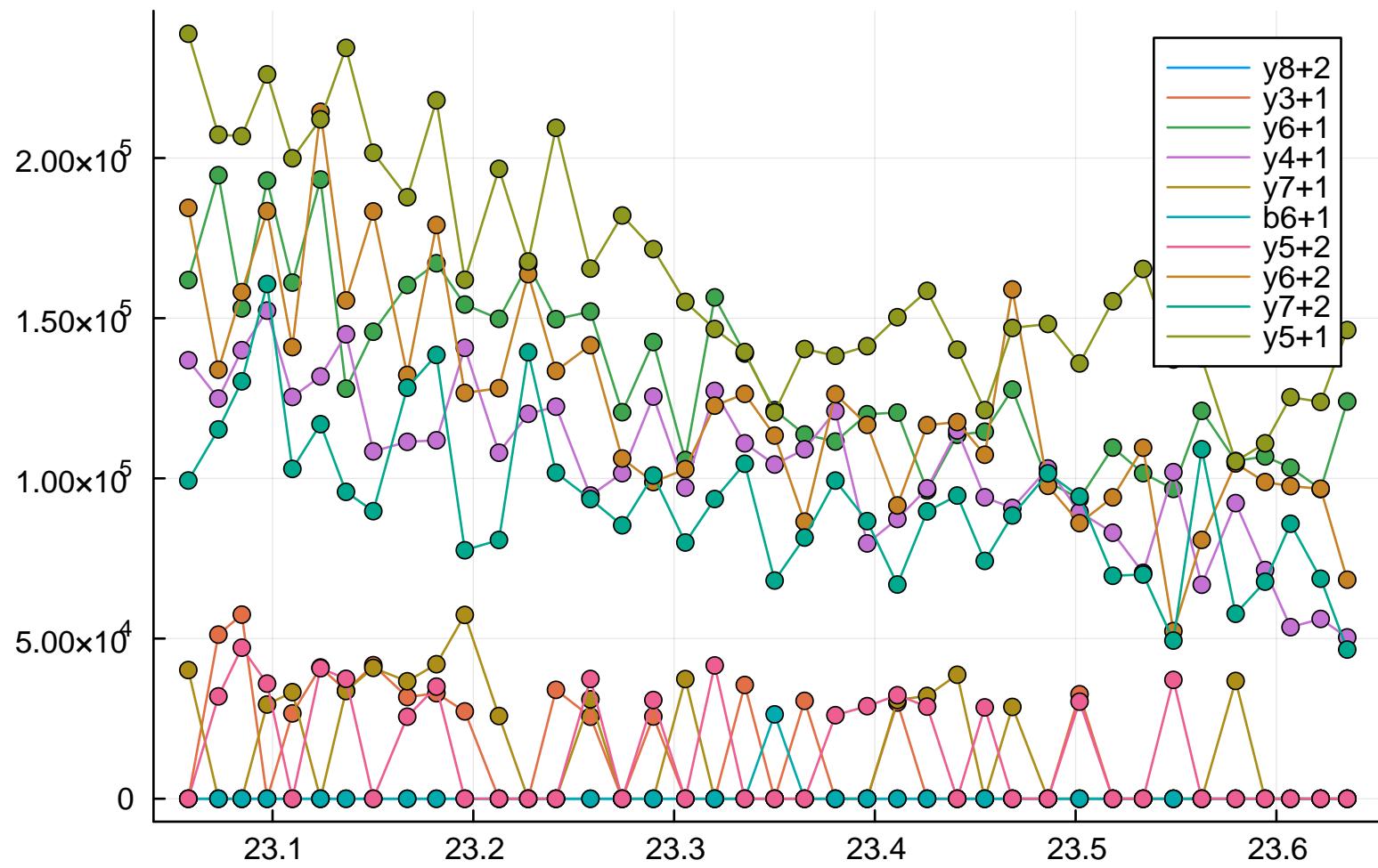
PIP5K1A- SVDSSGETTYK[Hlys]



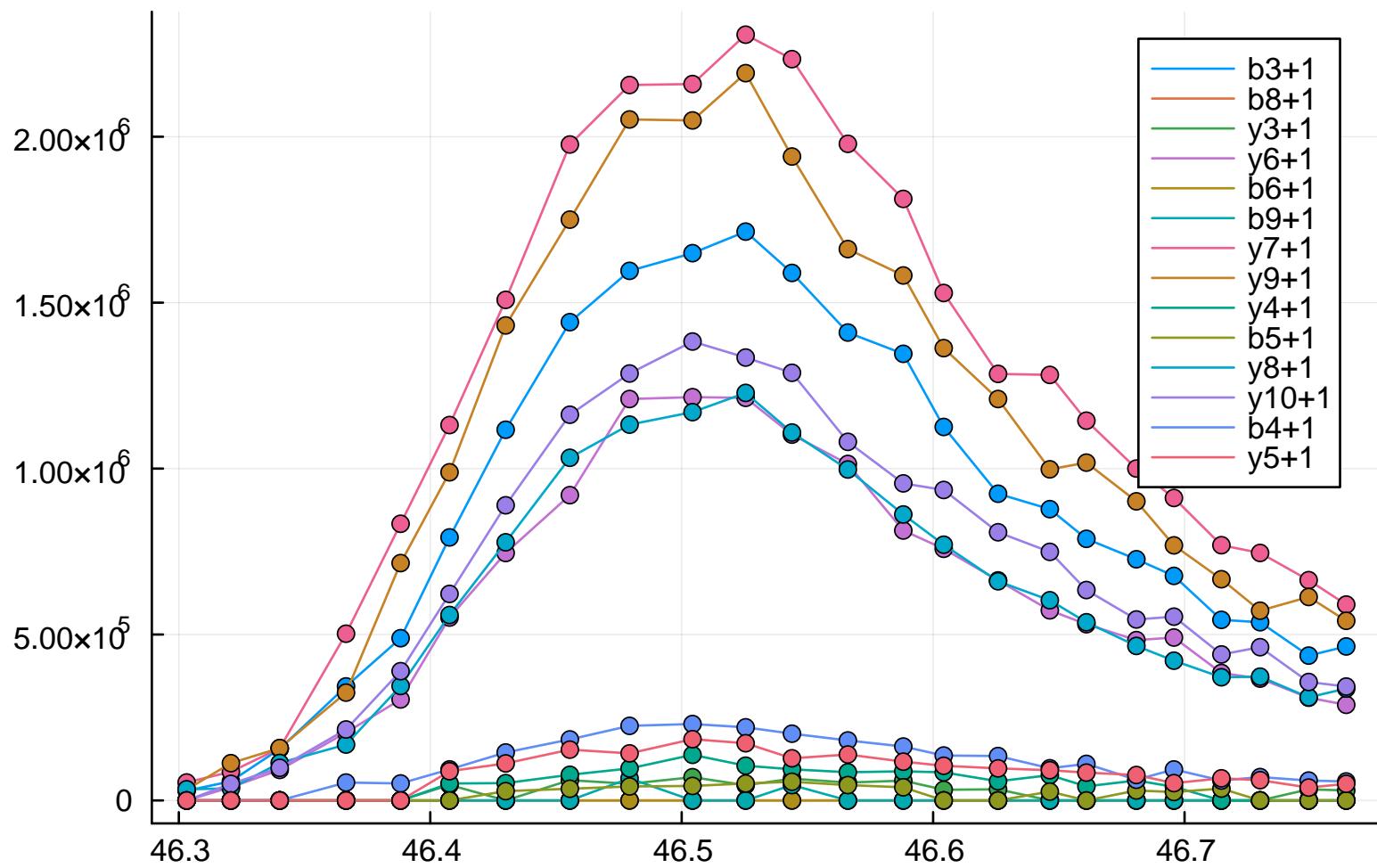
PKMYT1- GSFPSFEP[Rarg]



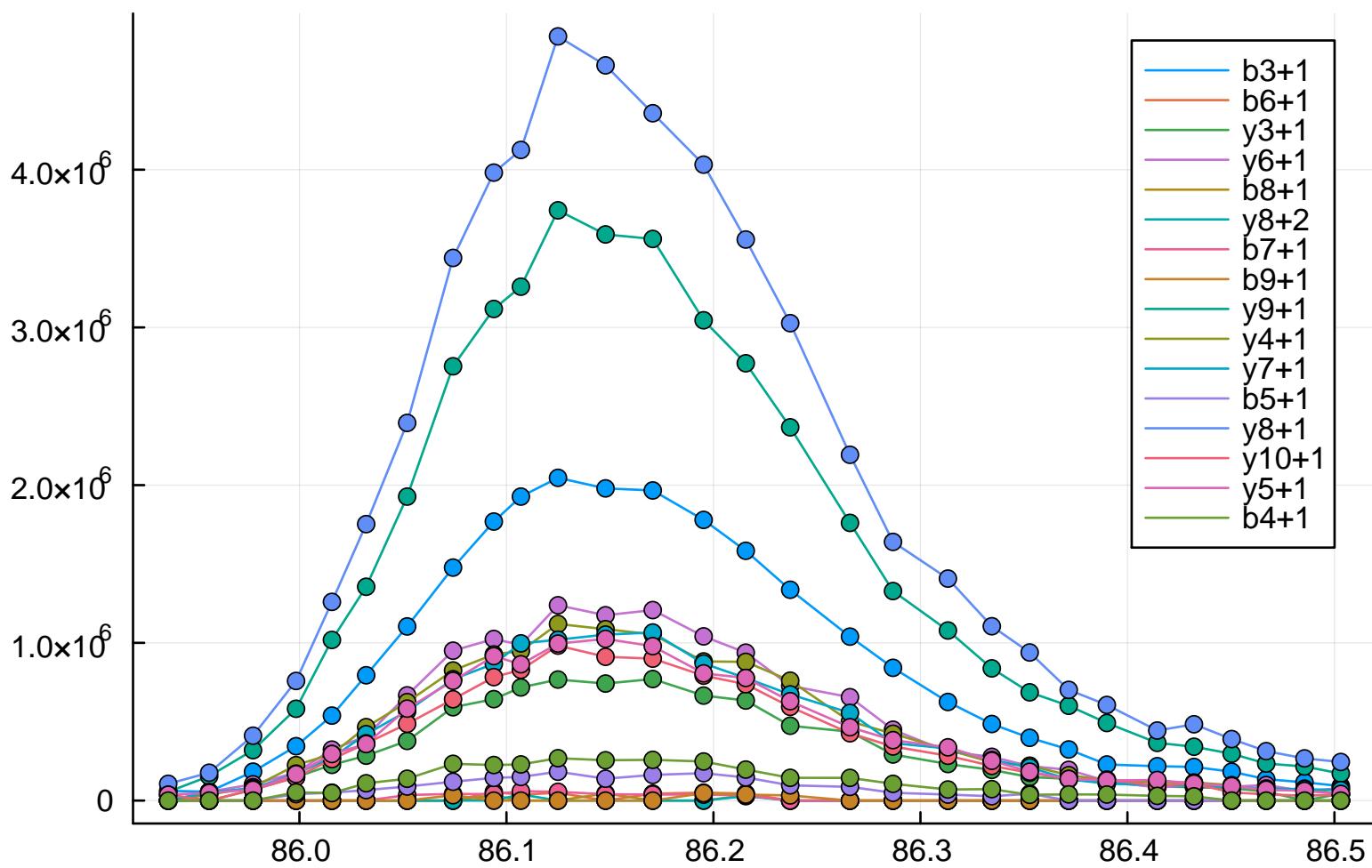
PKMYT1- SLPPPPPAAK[Hlys]



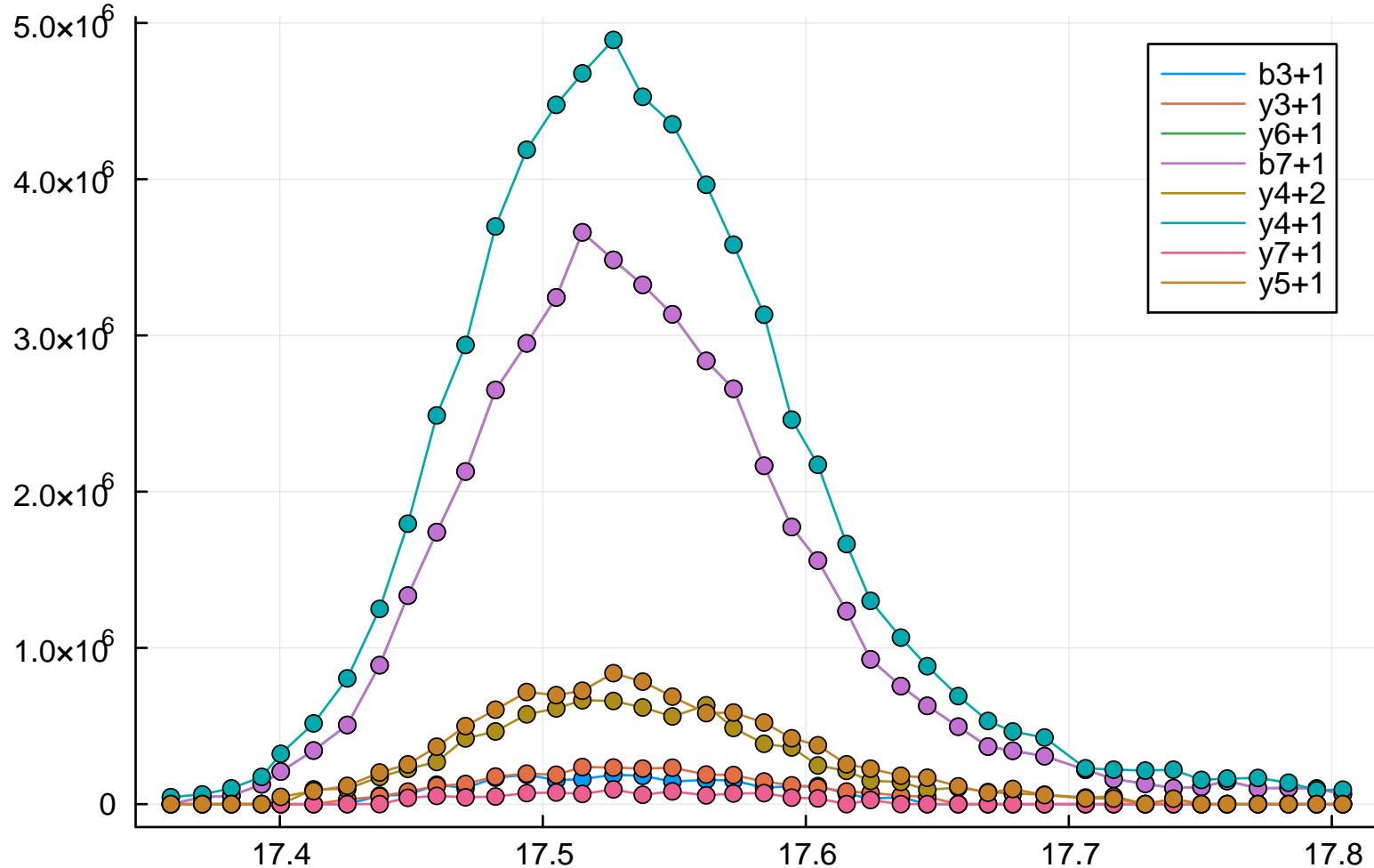
PKN2- PAALTGTLEVR[Harg]



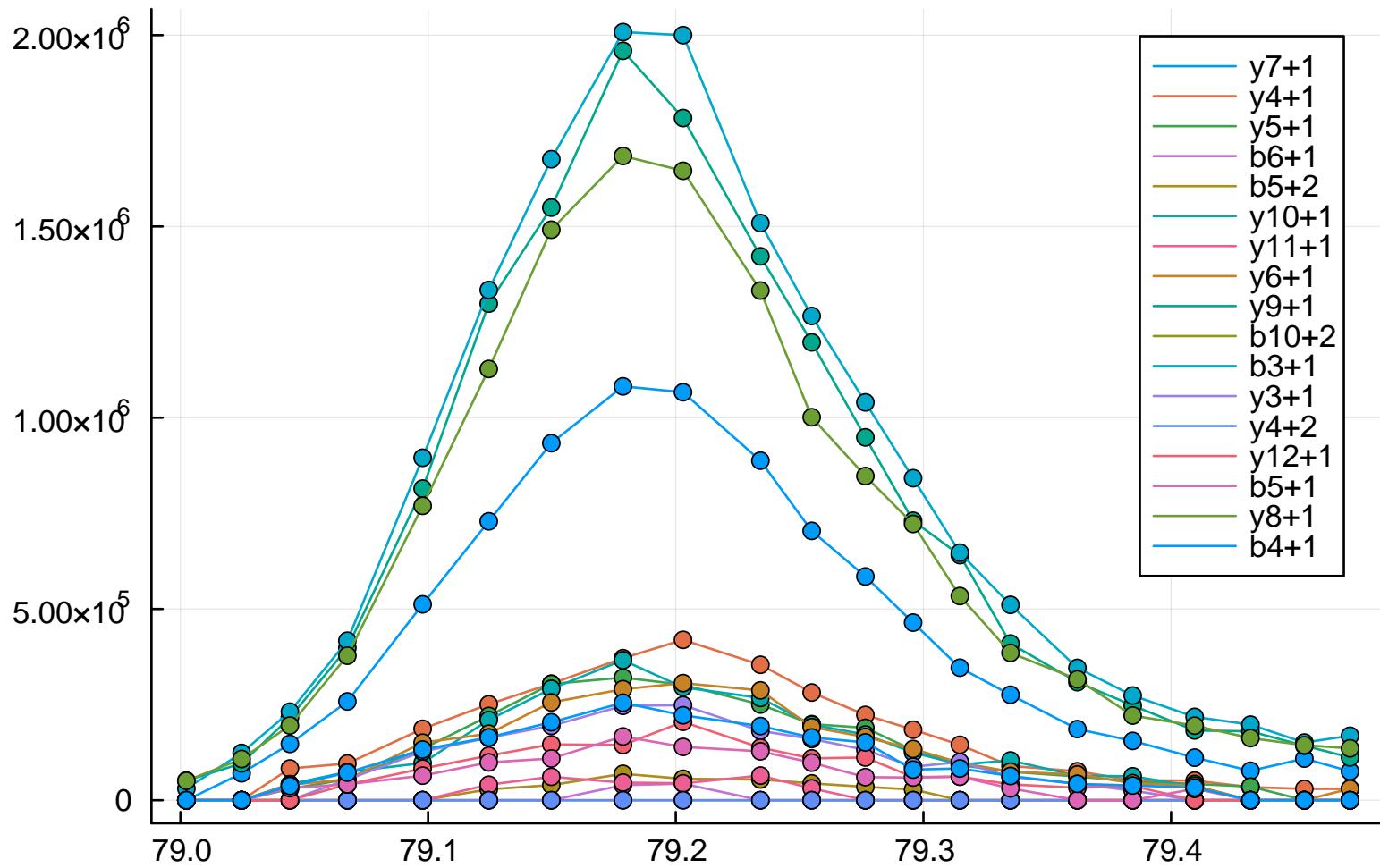
PKN3- GELASEVLAVLK[Hlys]



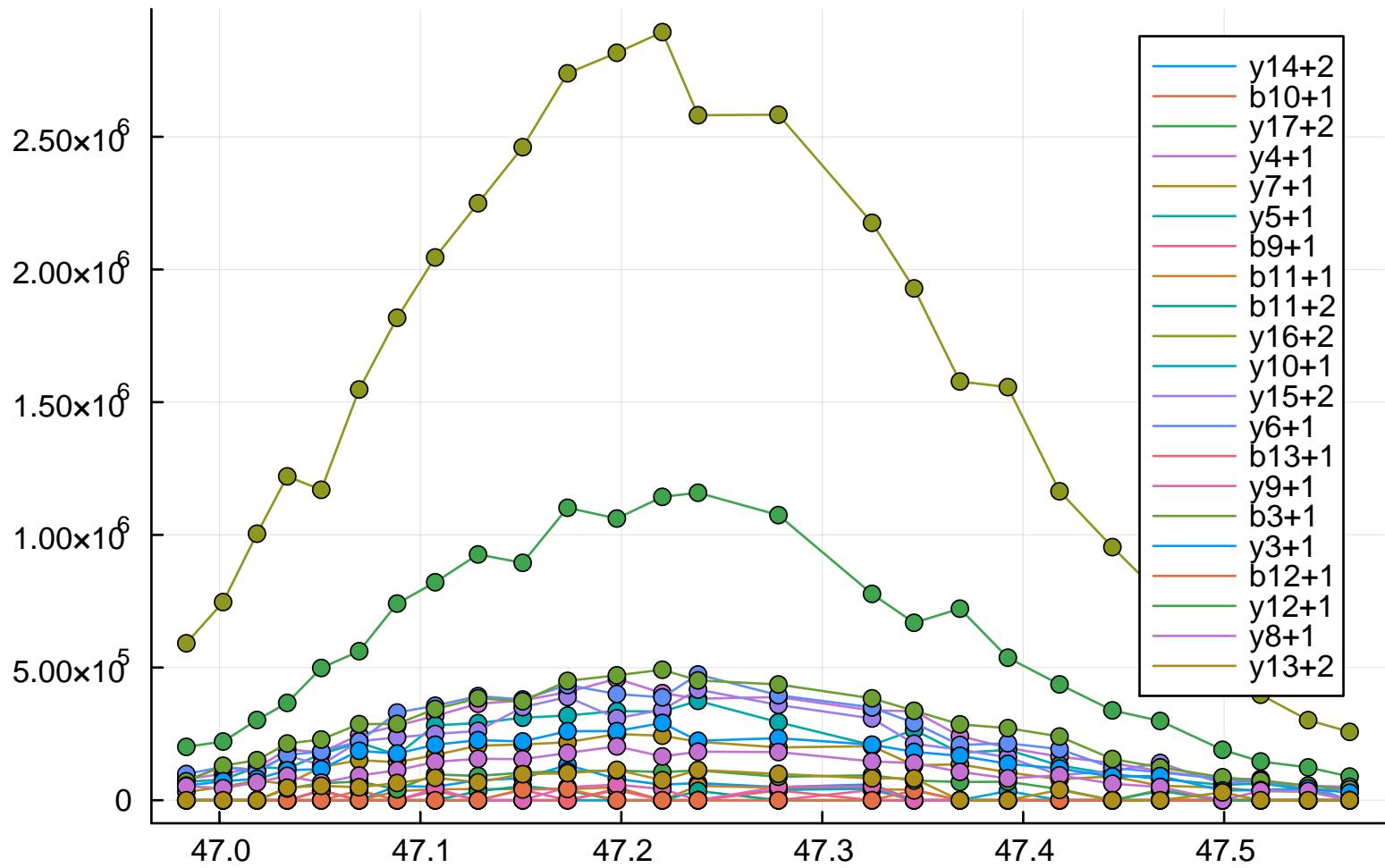
PLK1- ALTEPEAR[Harg]



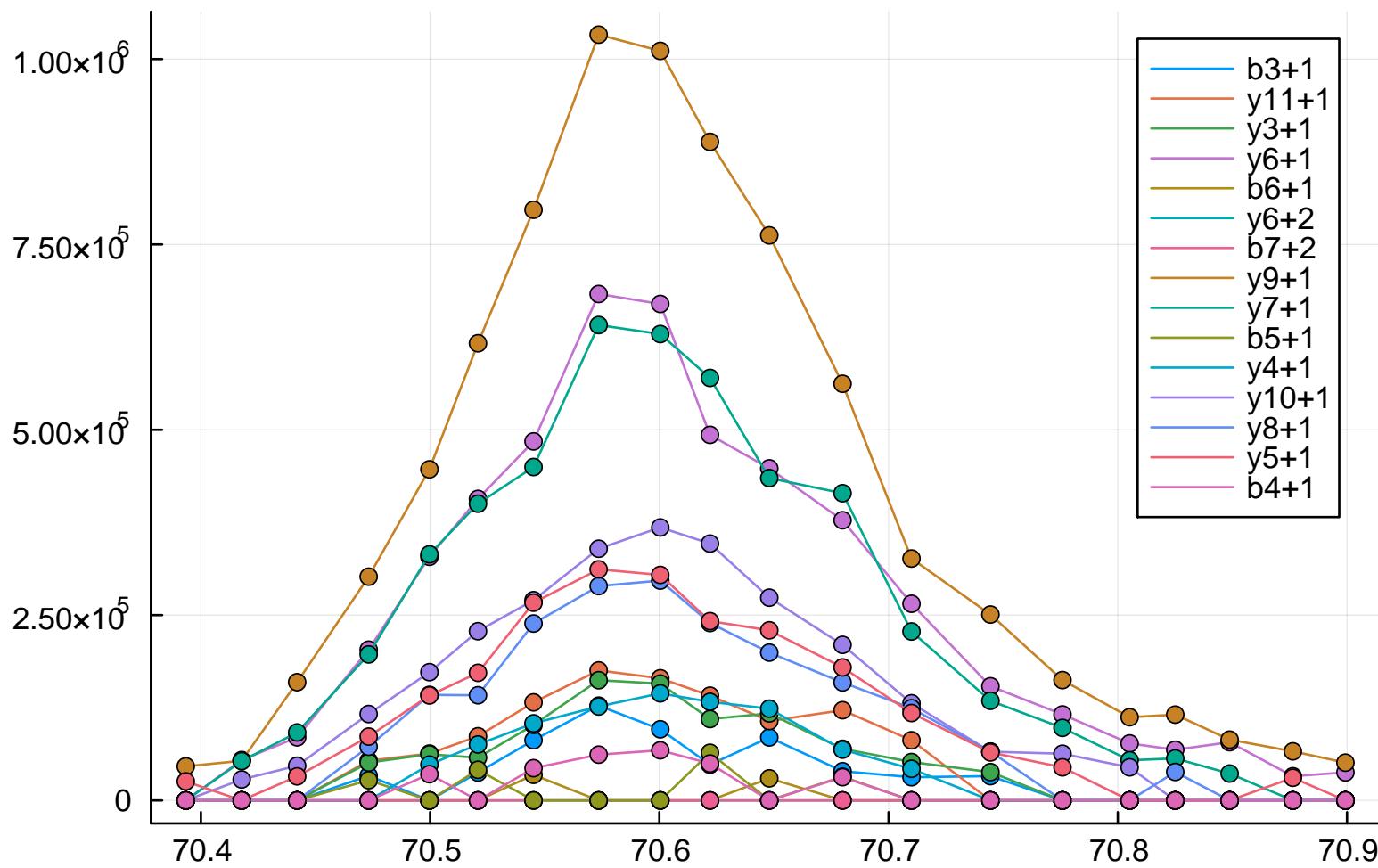
PLK1- LGNLFLNEDLEV[Hlys]



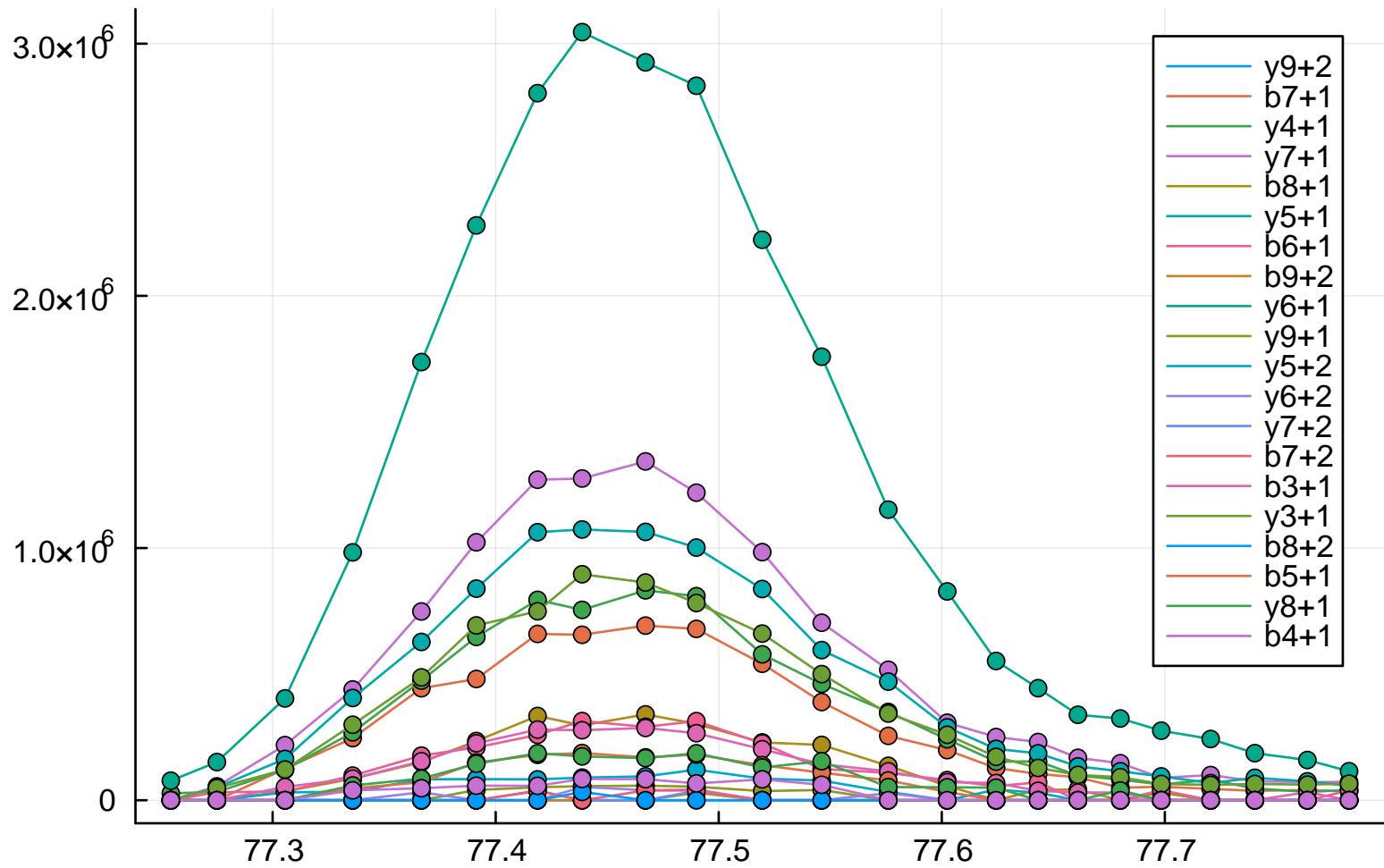
POMK- SQTPSERPTAQDVLETYQK[Hlys]



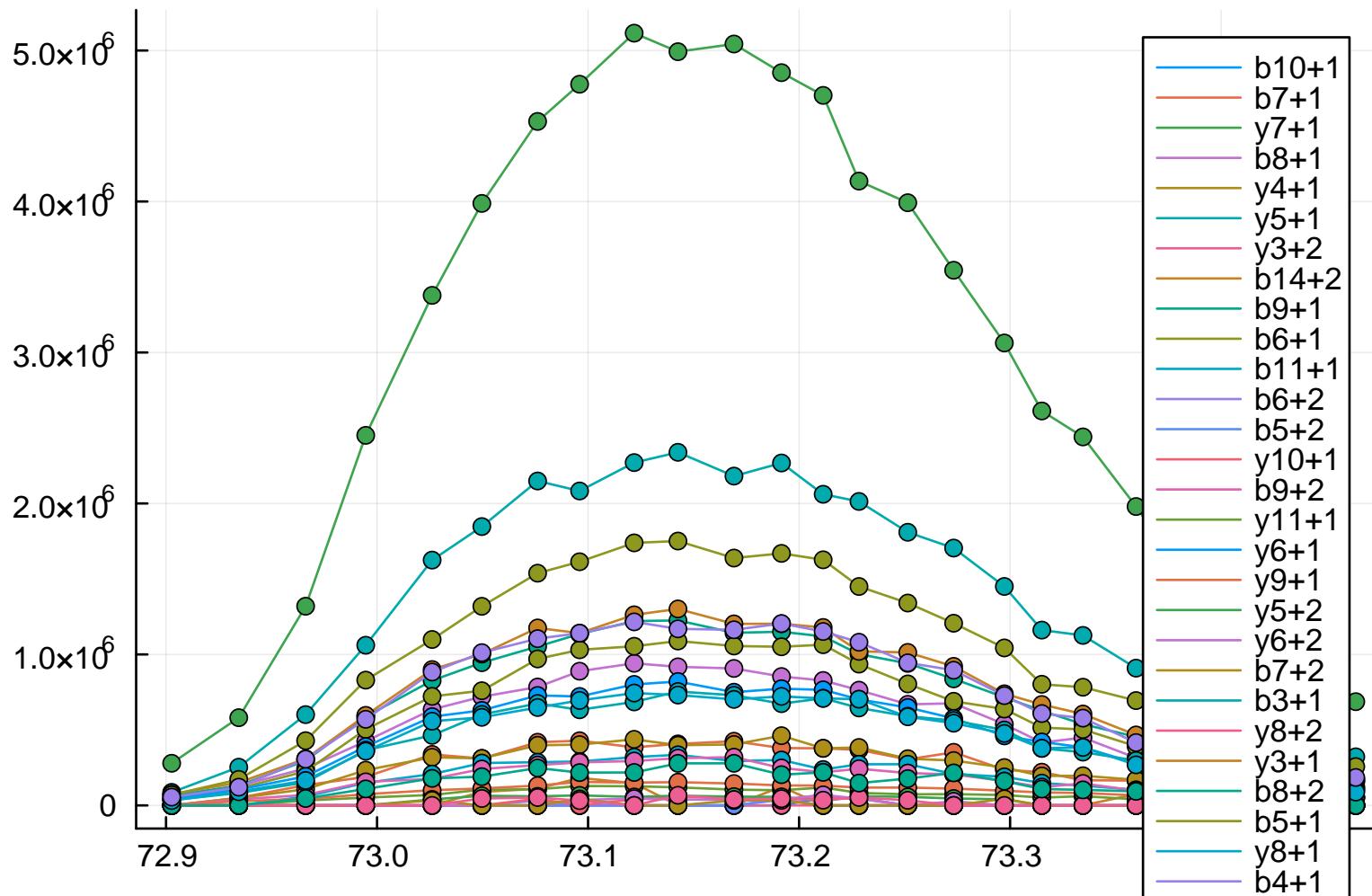
POMK- VALSQLTSLEMK[Hlys]



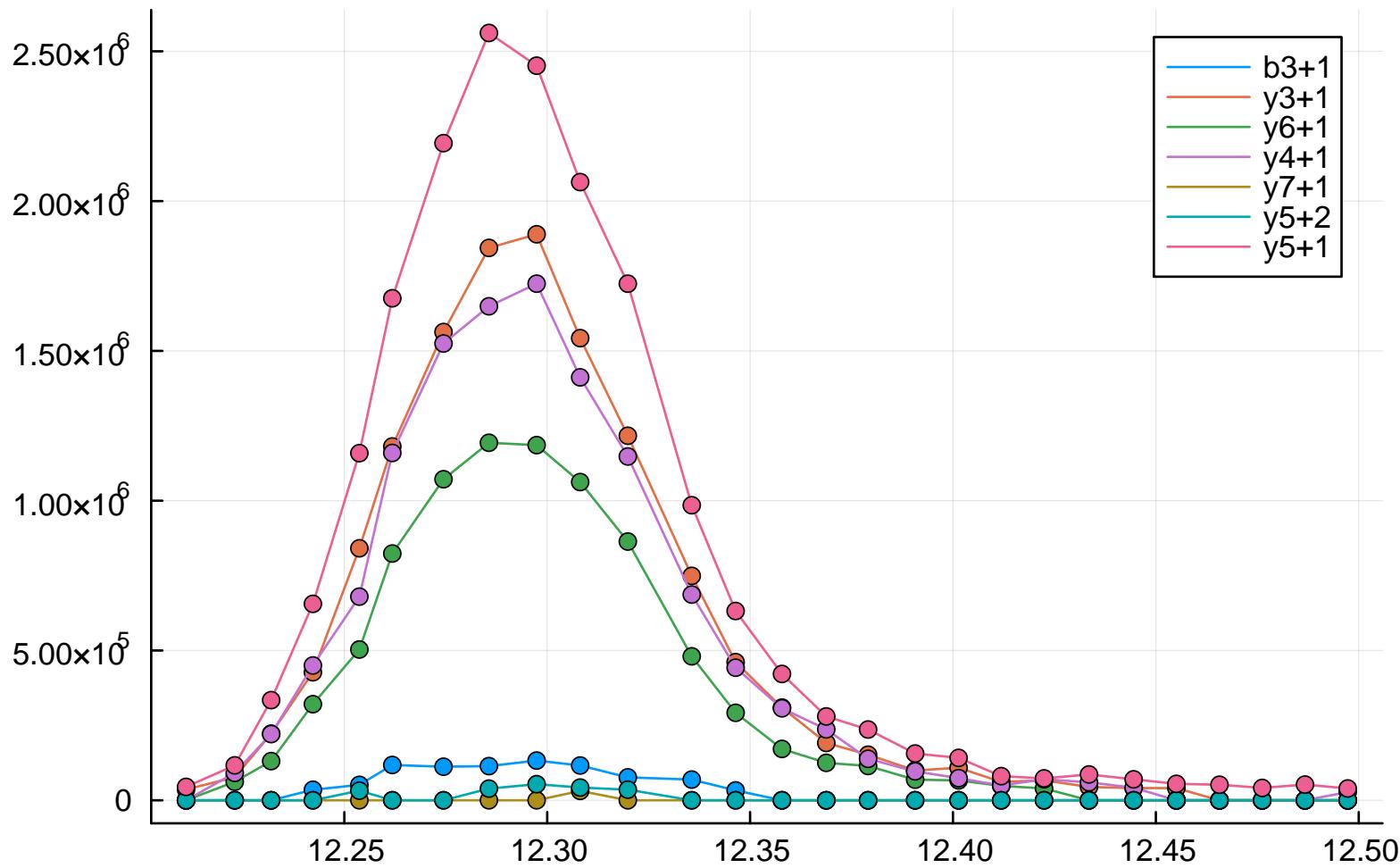
PRKAA1- FEC[Carb]SEEEVLSC[Carb]LYNR[Harg]



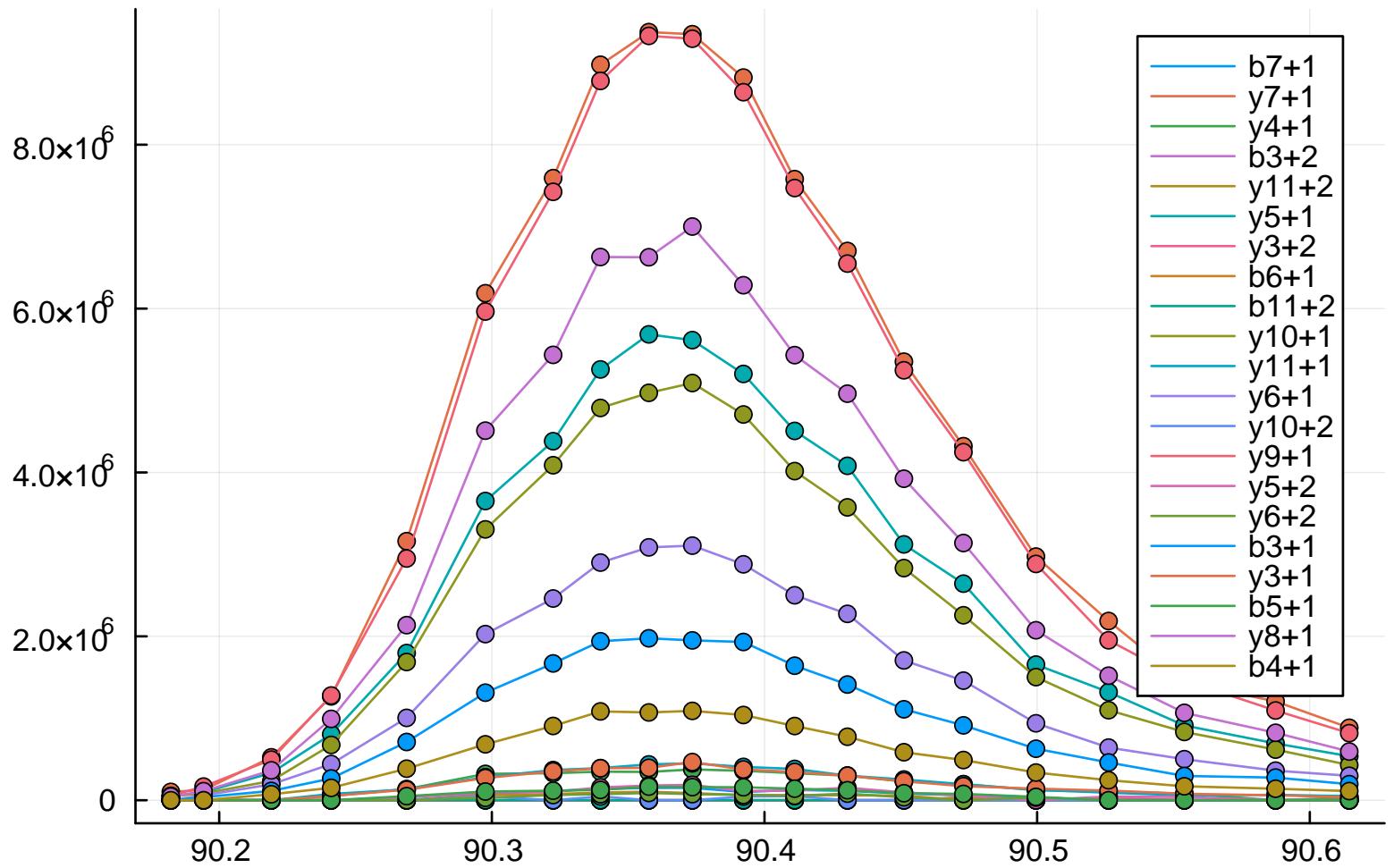
PRKAA1- IGHYILGDTLGVGTFGK[Hlys]



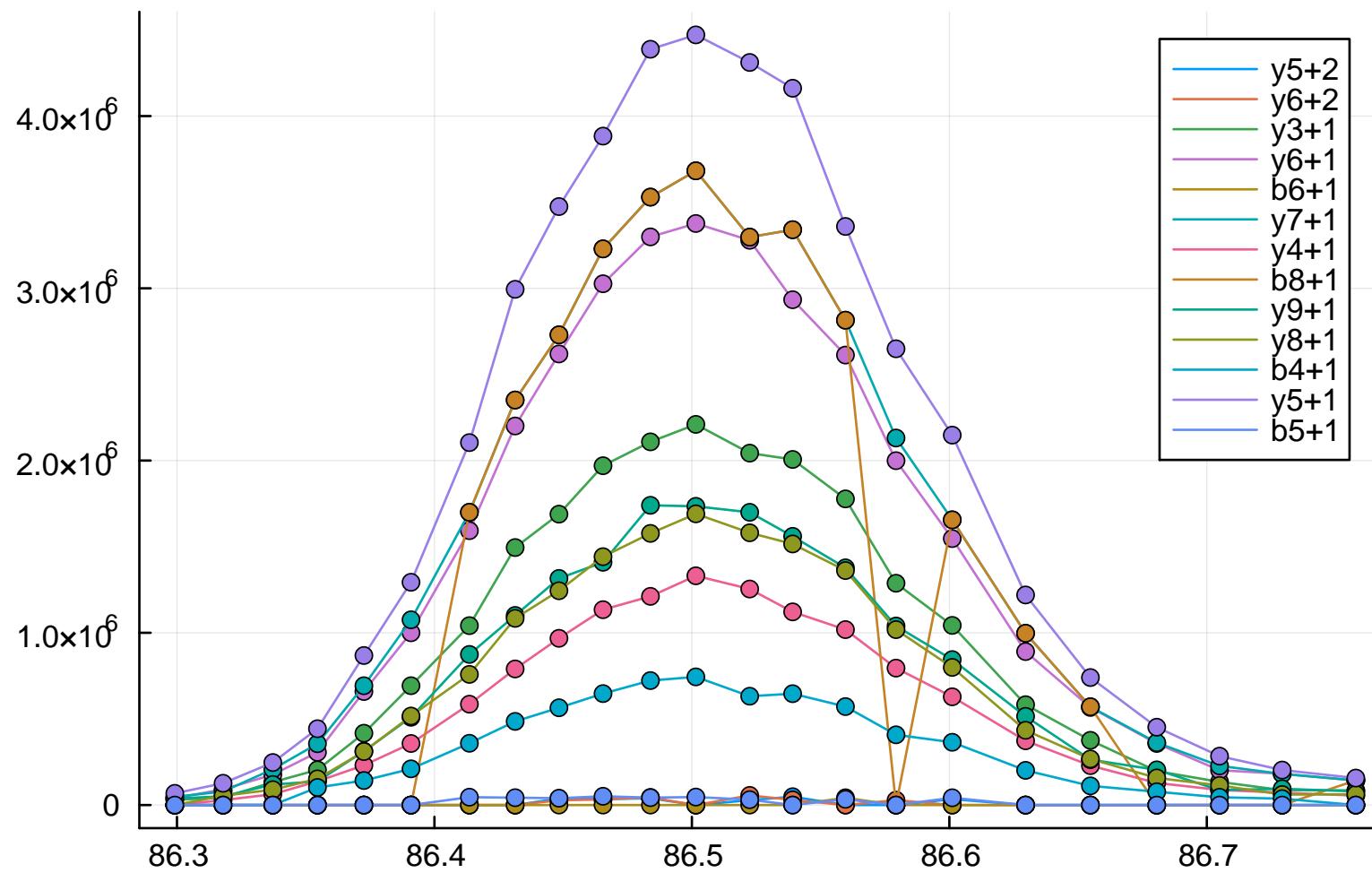
PRKACB- GSEVESVK[Hlys]



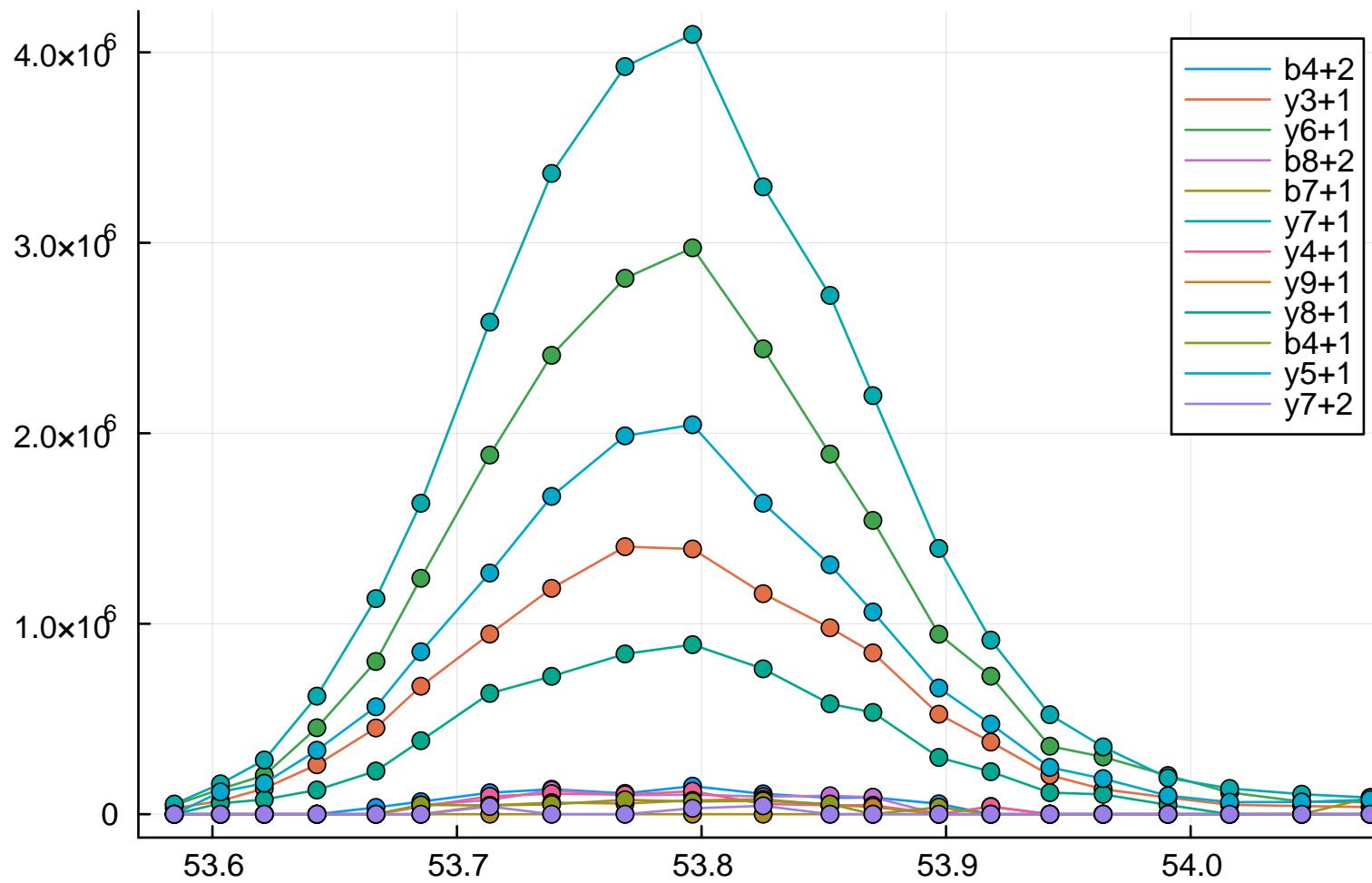
PRKACB- ILQAVNFPFLVR[Harg]



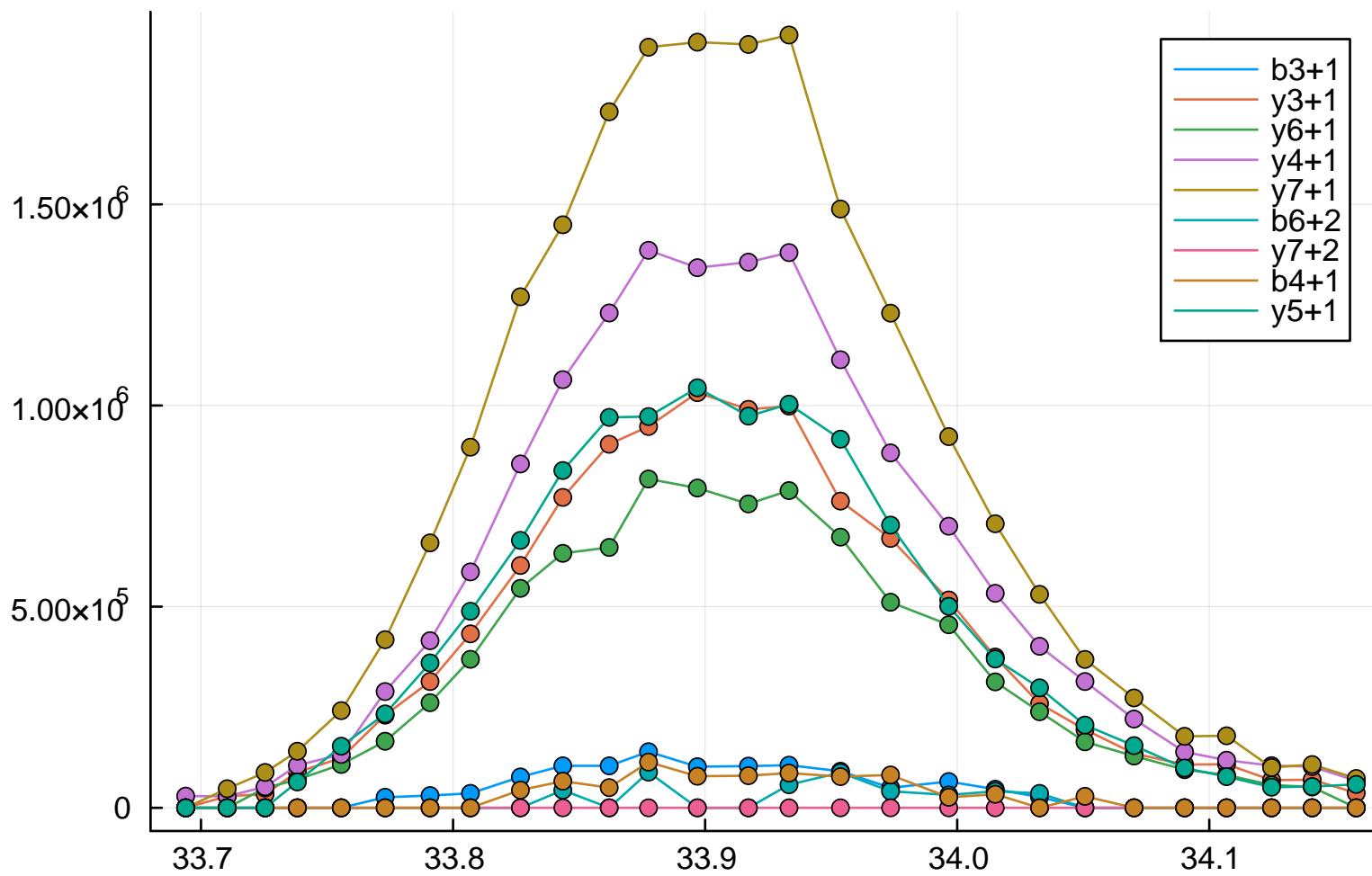
PRKCA- LSVEIWDWDR[Harg]



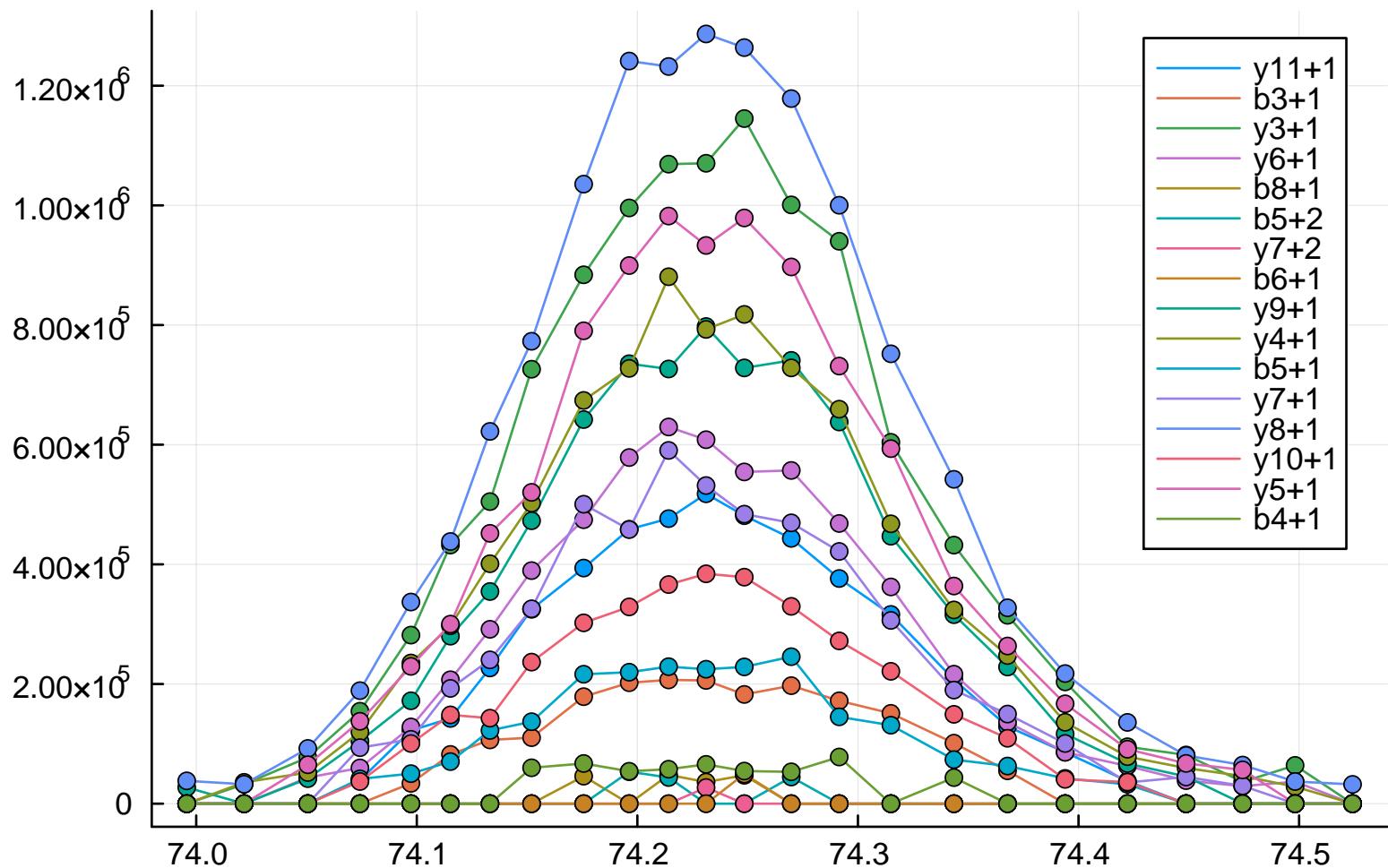
PRKCB- ENIWDGVTTK[Hlys]



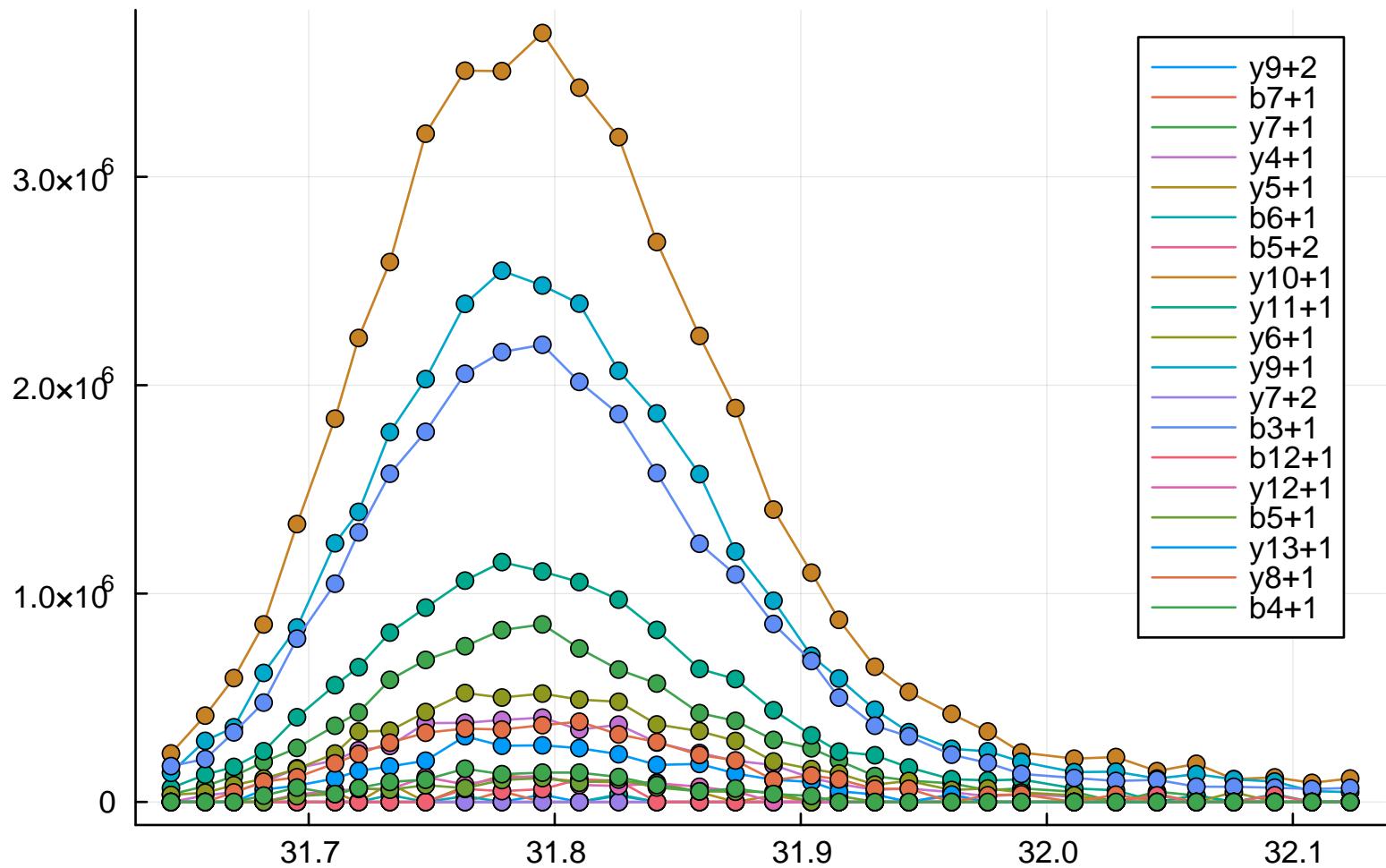
PRKCB- GTDELYAVK[Hlys]



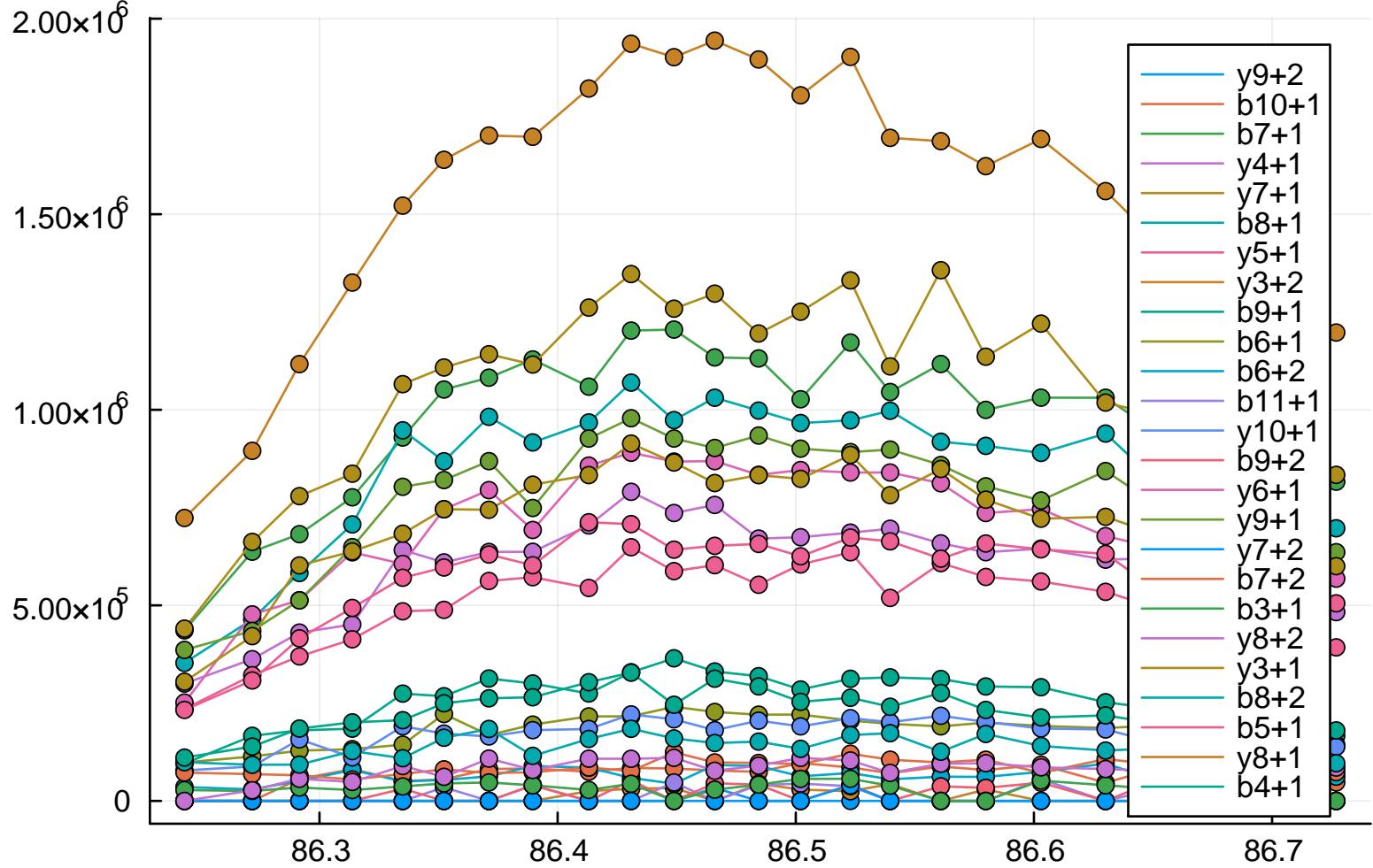
PRKCD- DYSNFDQEFLNEK[H]lys



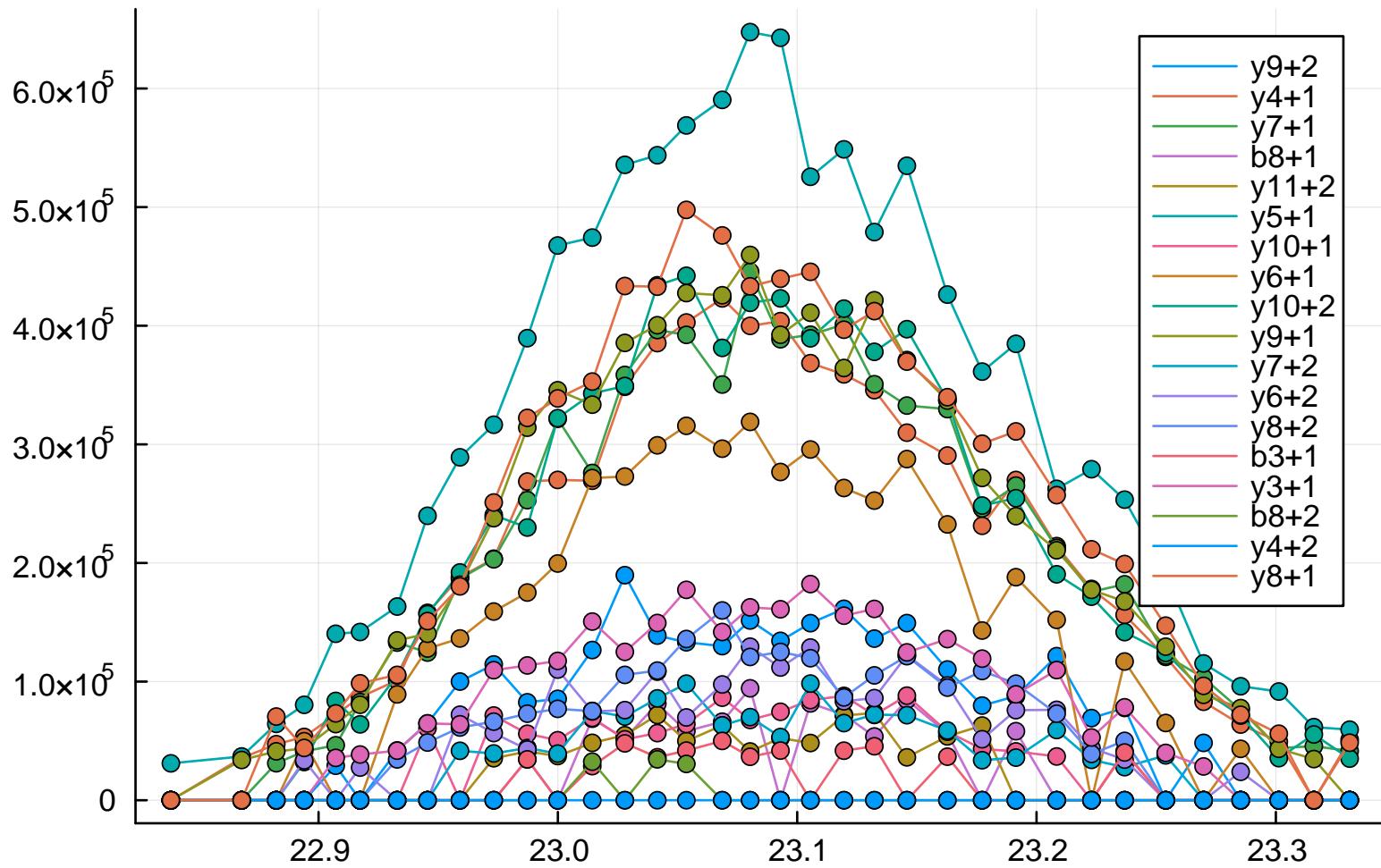
PRKCE- LGC[Carb]VASQNGEDAIK[Hlys]



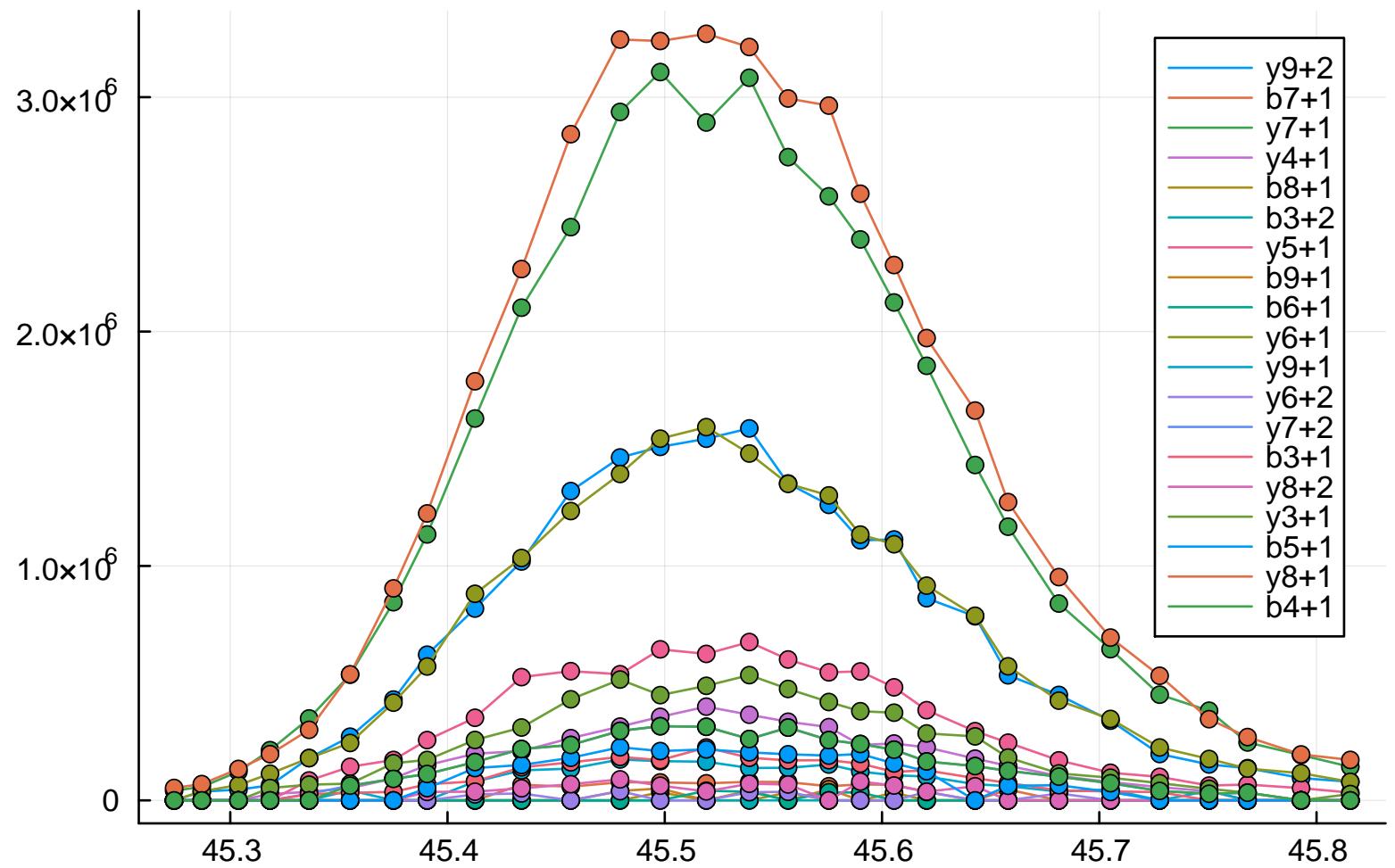
PRKCH- NHPFLTQLFC[Carb]C[Carb]FQTPDR[Harg]



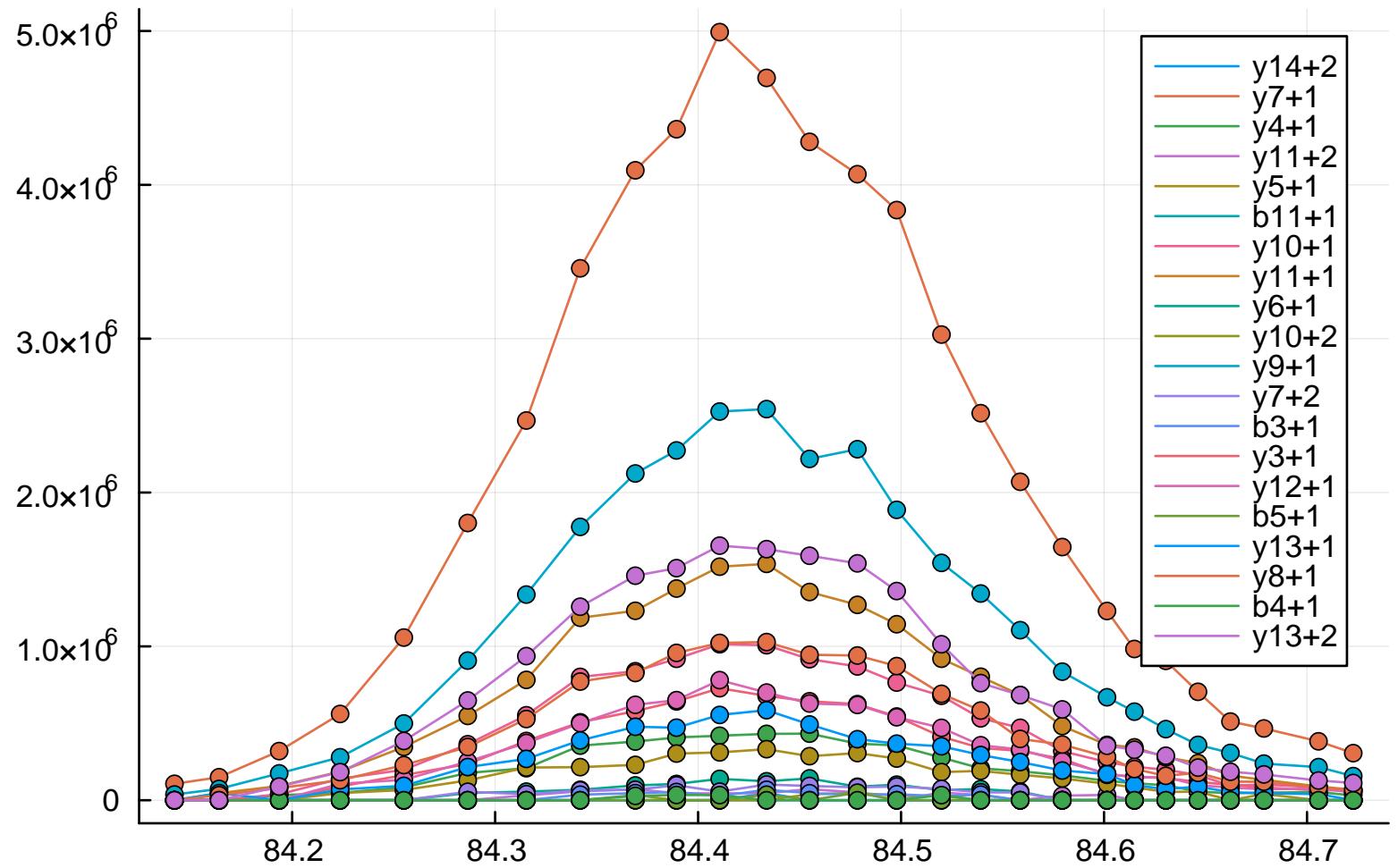
PRKCI- LYC[Carb]ANGHTFQAK[Hlys]



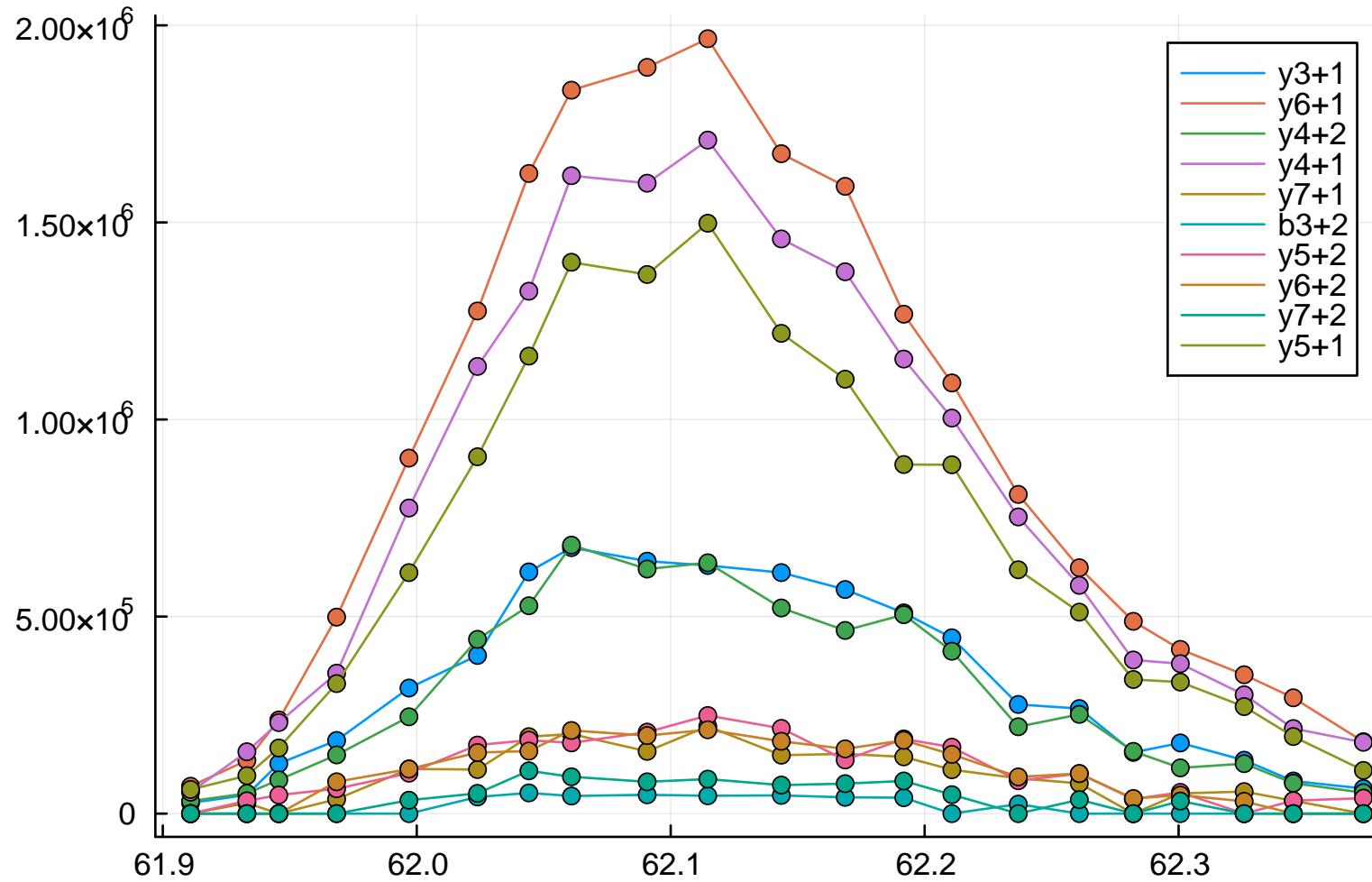
PRKCQ- SPFDC[Carb]SNFDK[Hlys]



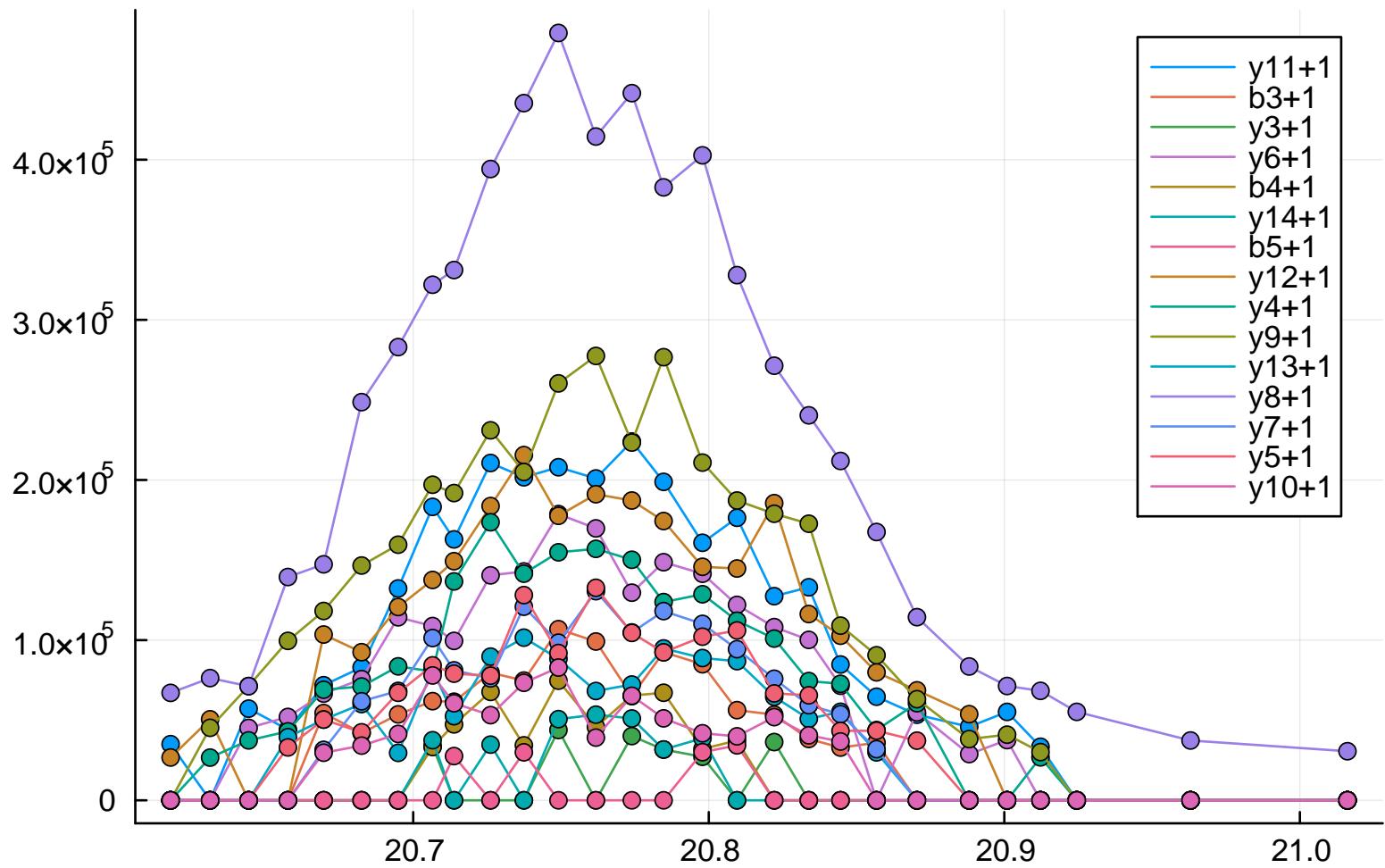
PRKG1- SVPTFQSLPEEILSK[Hlys]



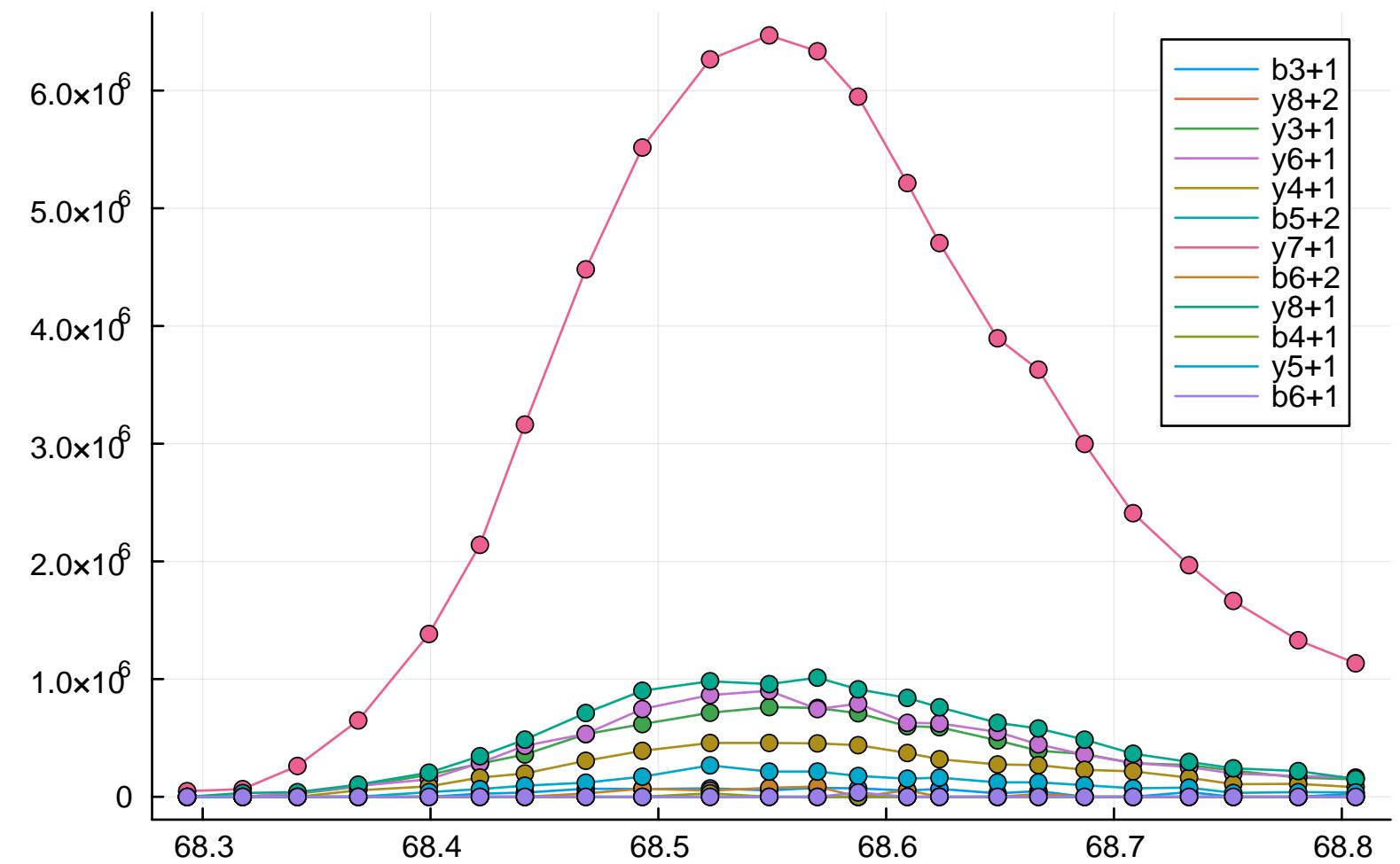
PRKX- LFWTWHDER[Harg]



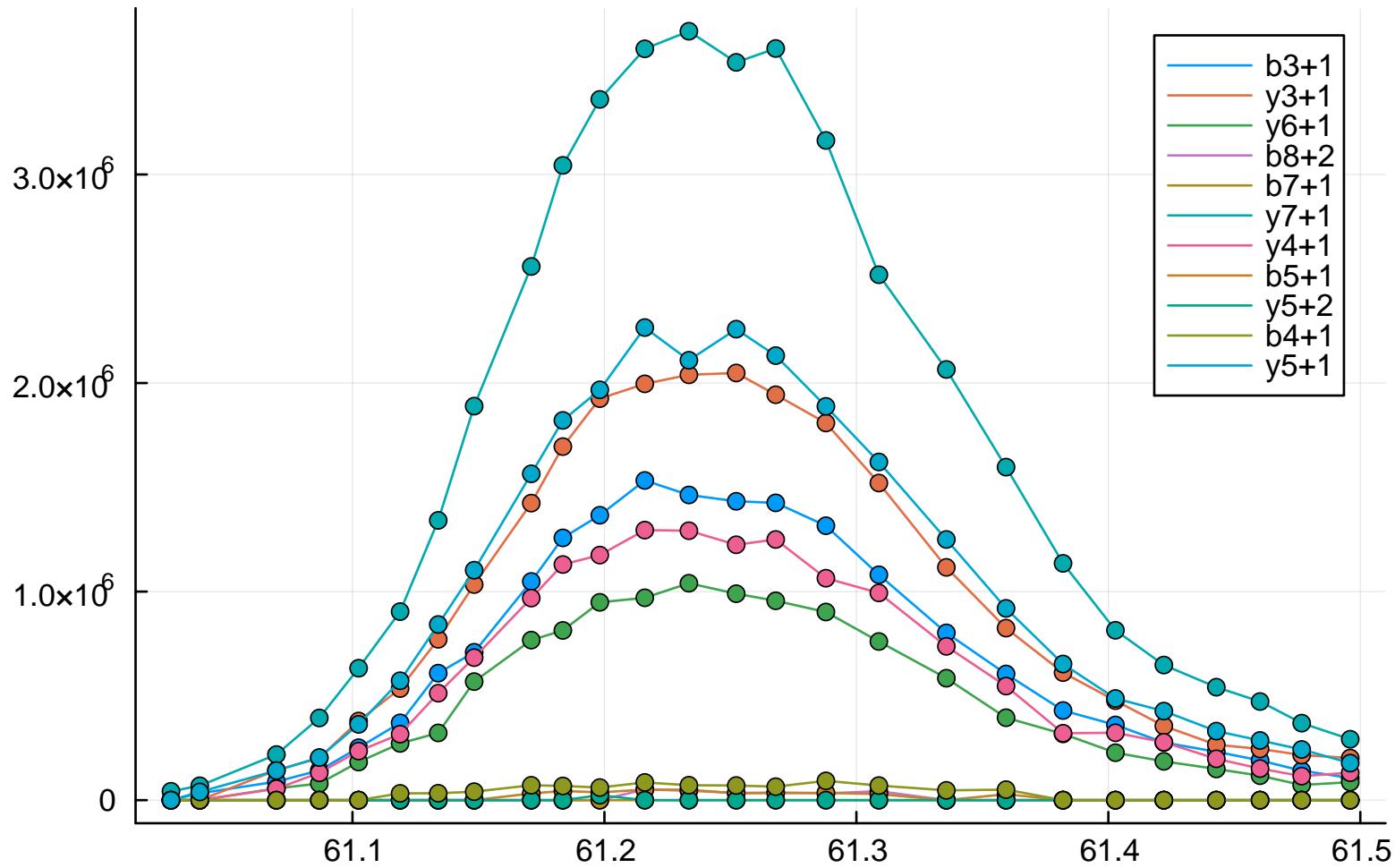
PRPF4B- SINEENGEVSEDQSQNK[Hlys]



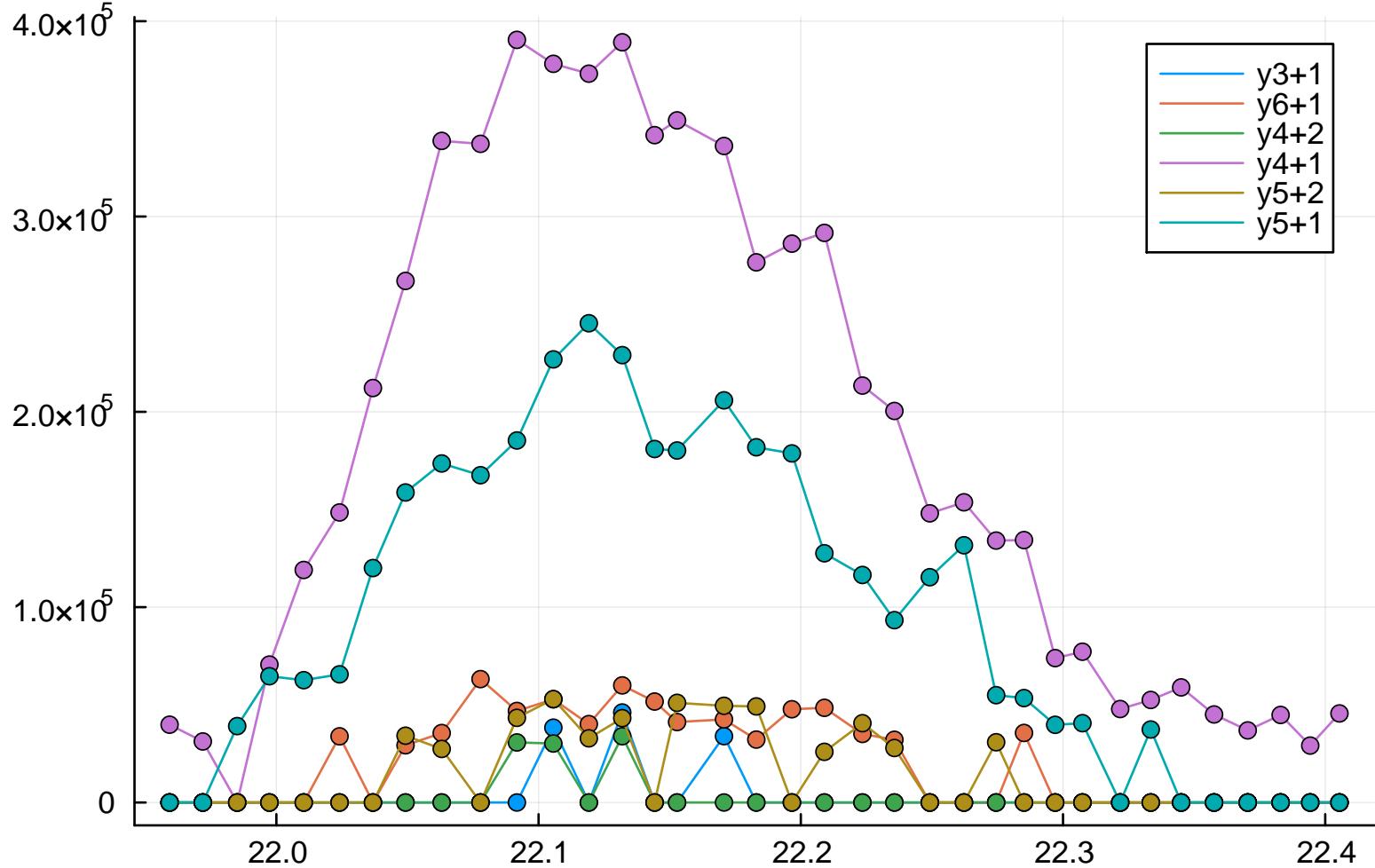
PRPK- FLSGLELVK[Hlys]



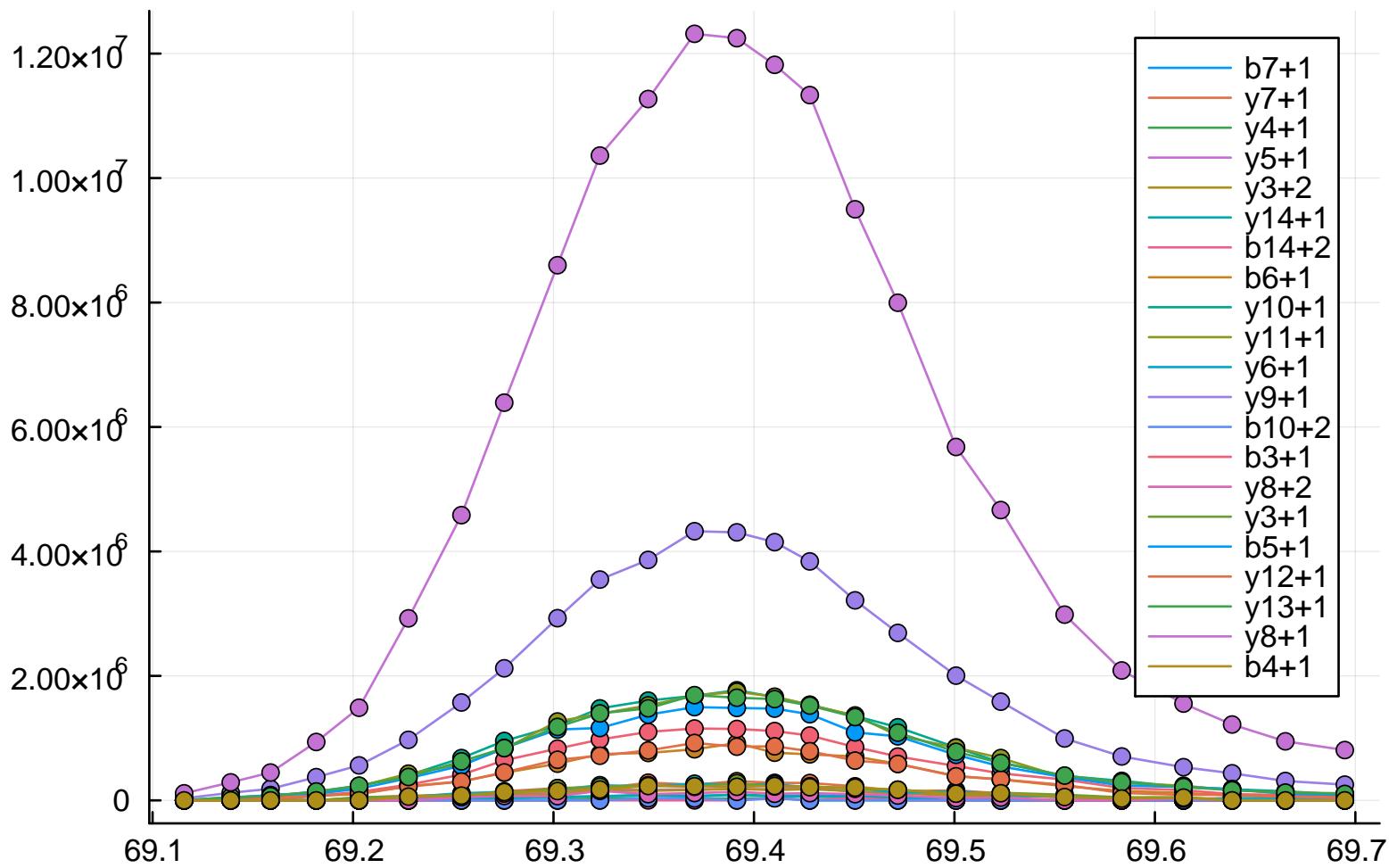
PRPK- GVDLYVLEK[H]lys



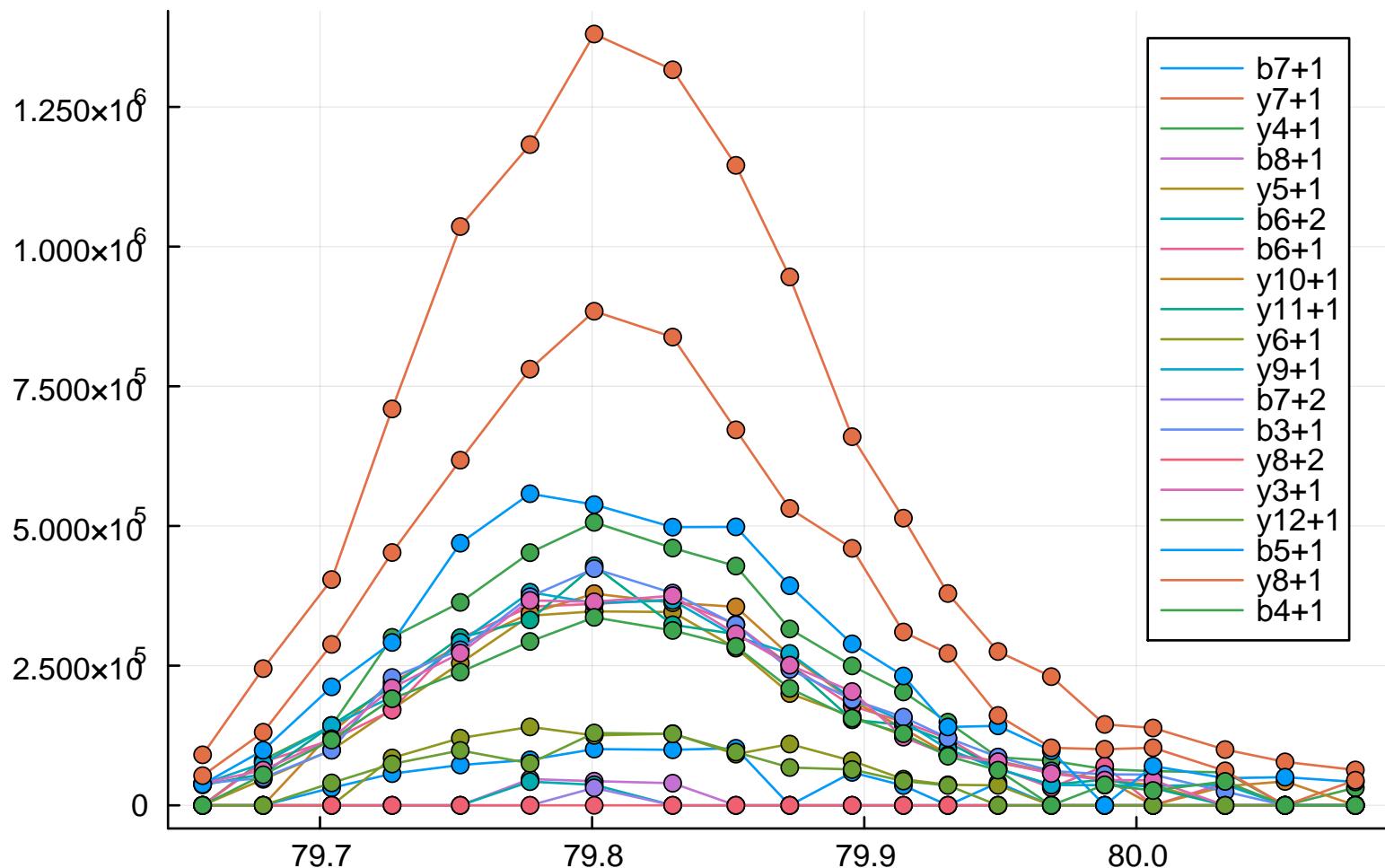
PTK2- FLKPDVR[Harg]



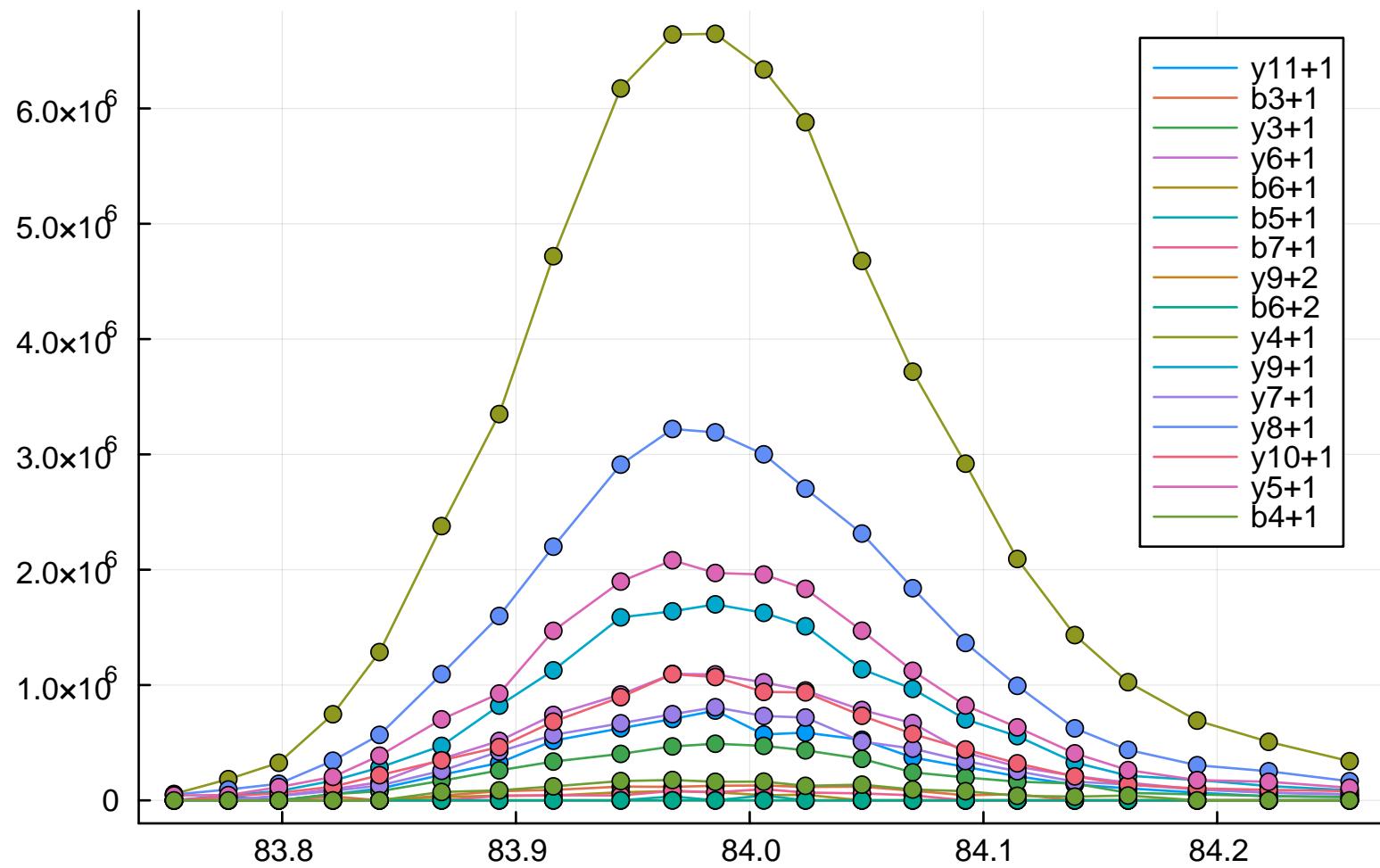
RET- VFDADVVPASGELVR[Harg]



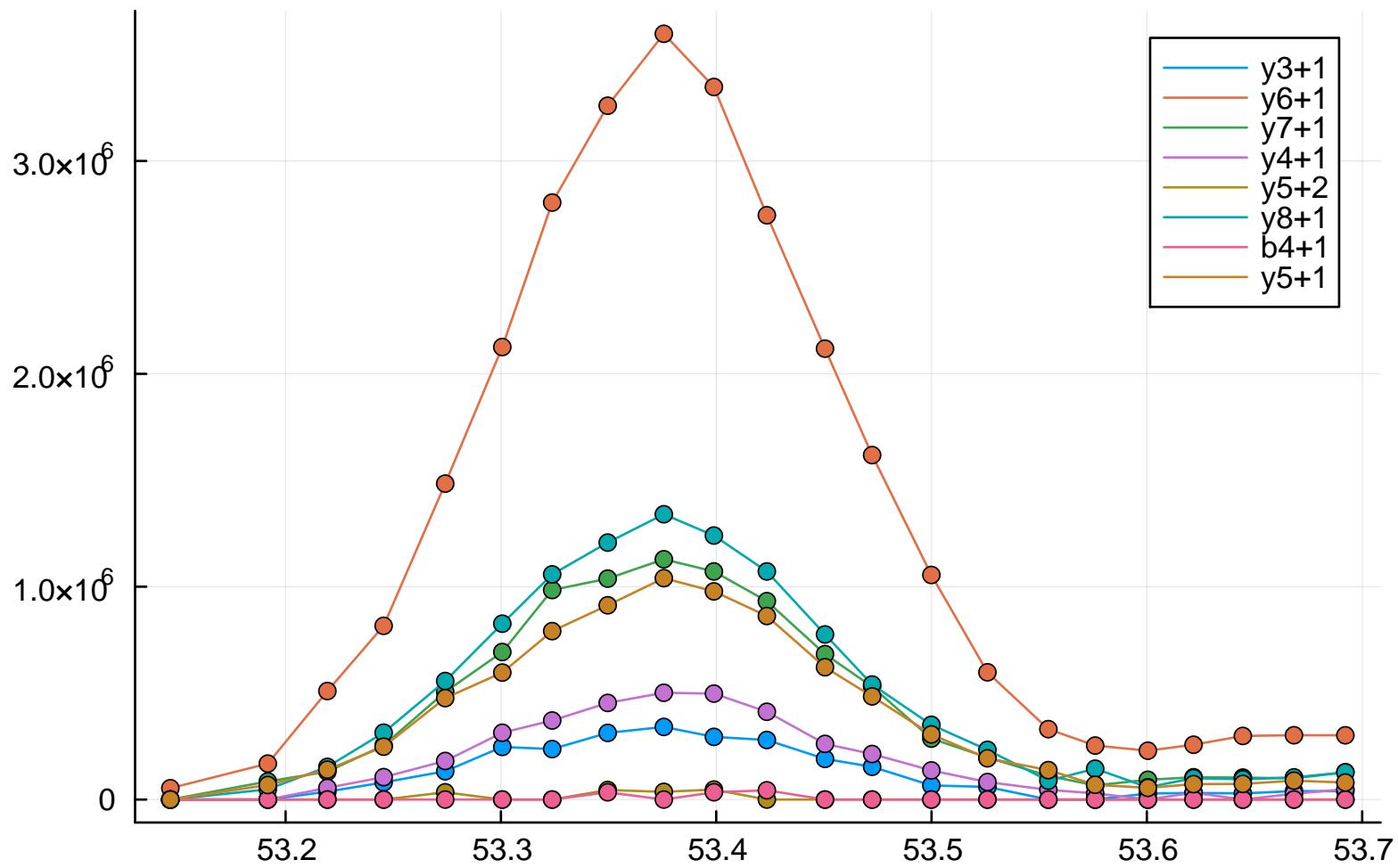
RIOK2- ESDIYIVANEEGQQFALK[Hlys]



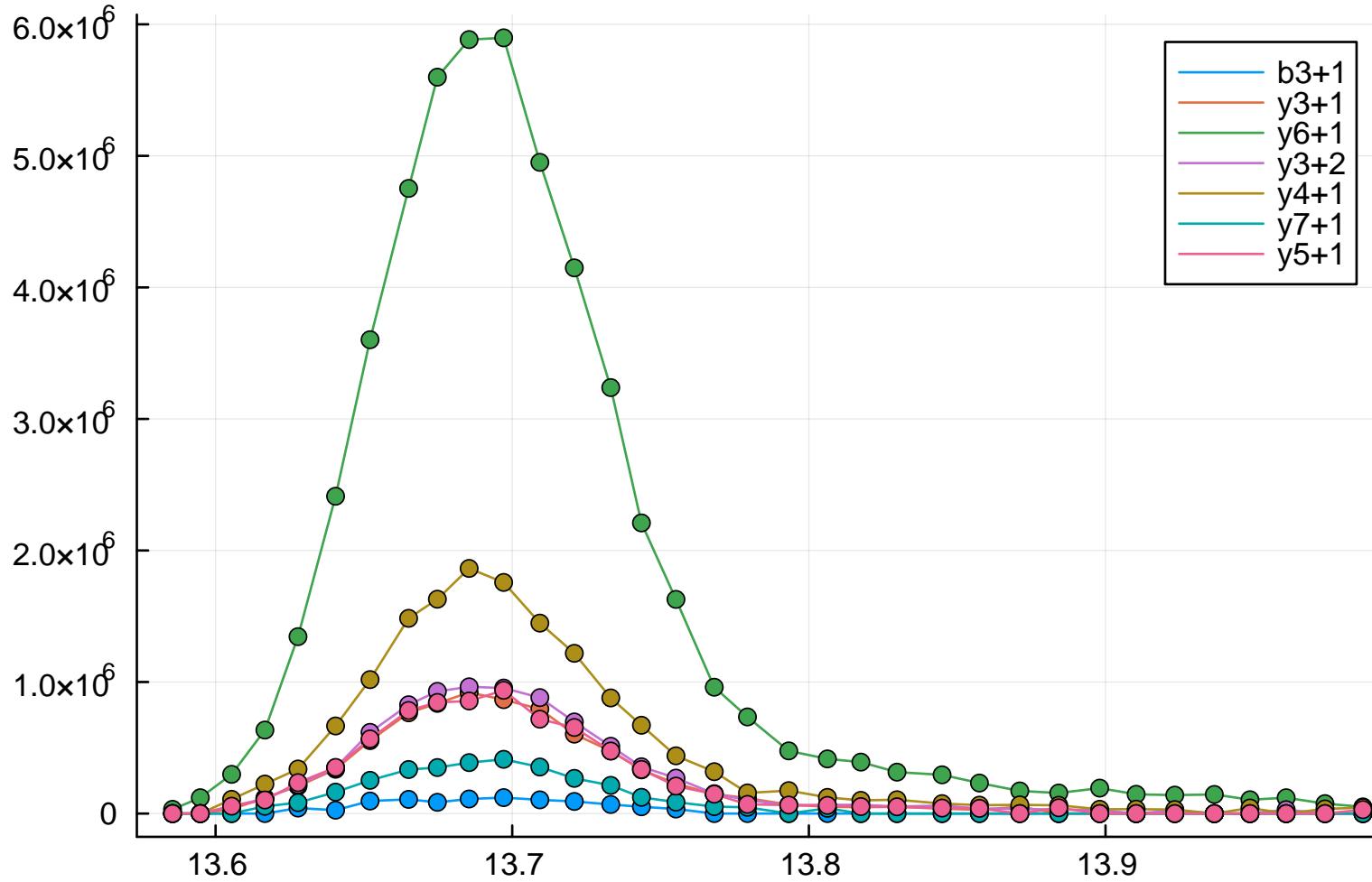
RIOK2- FSYESELFPTFK[Hlys]



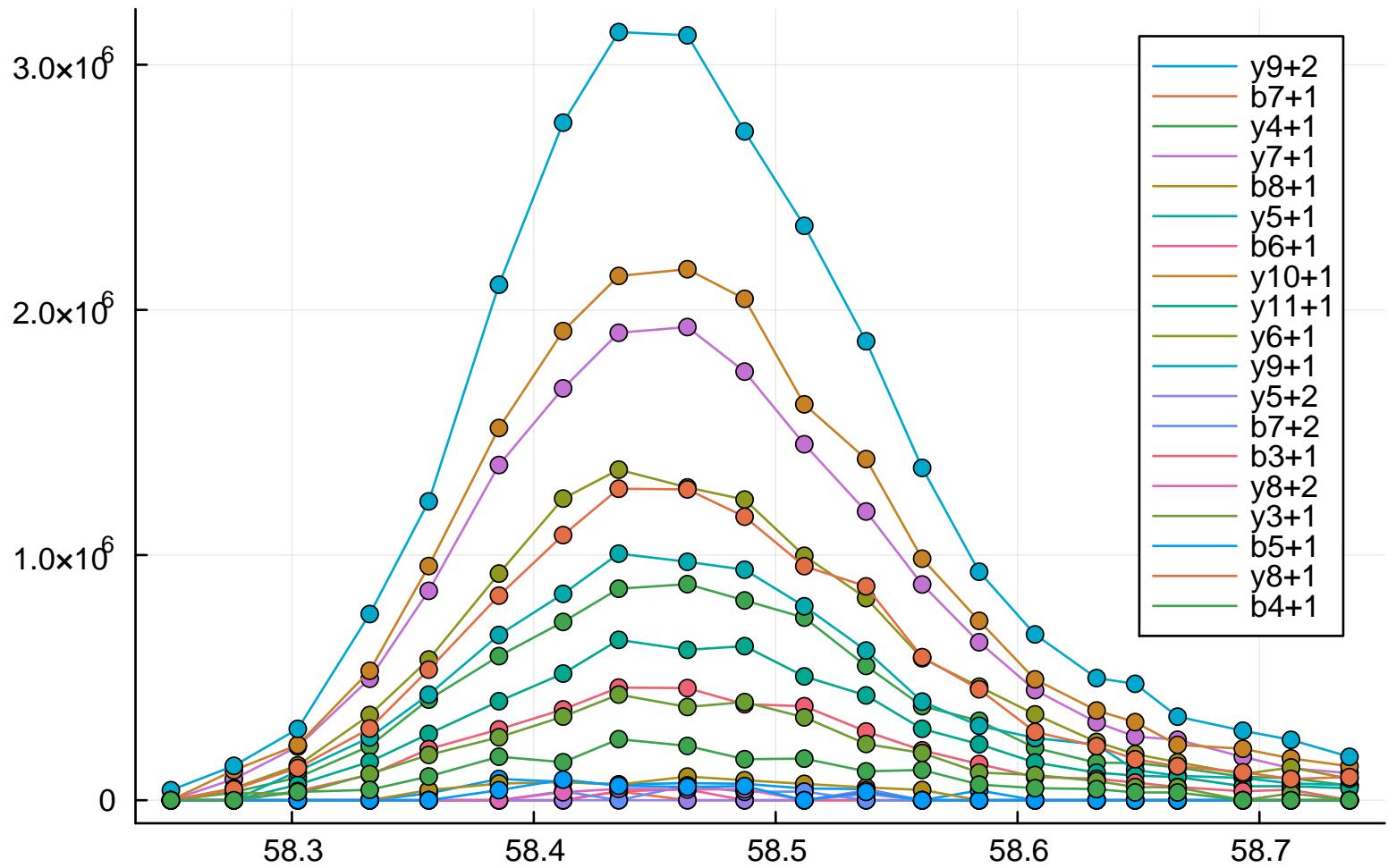
RIOK3- VSISFENYR[Harg]



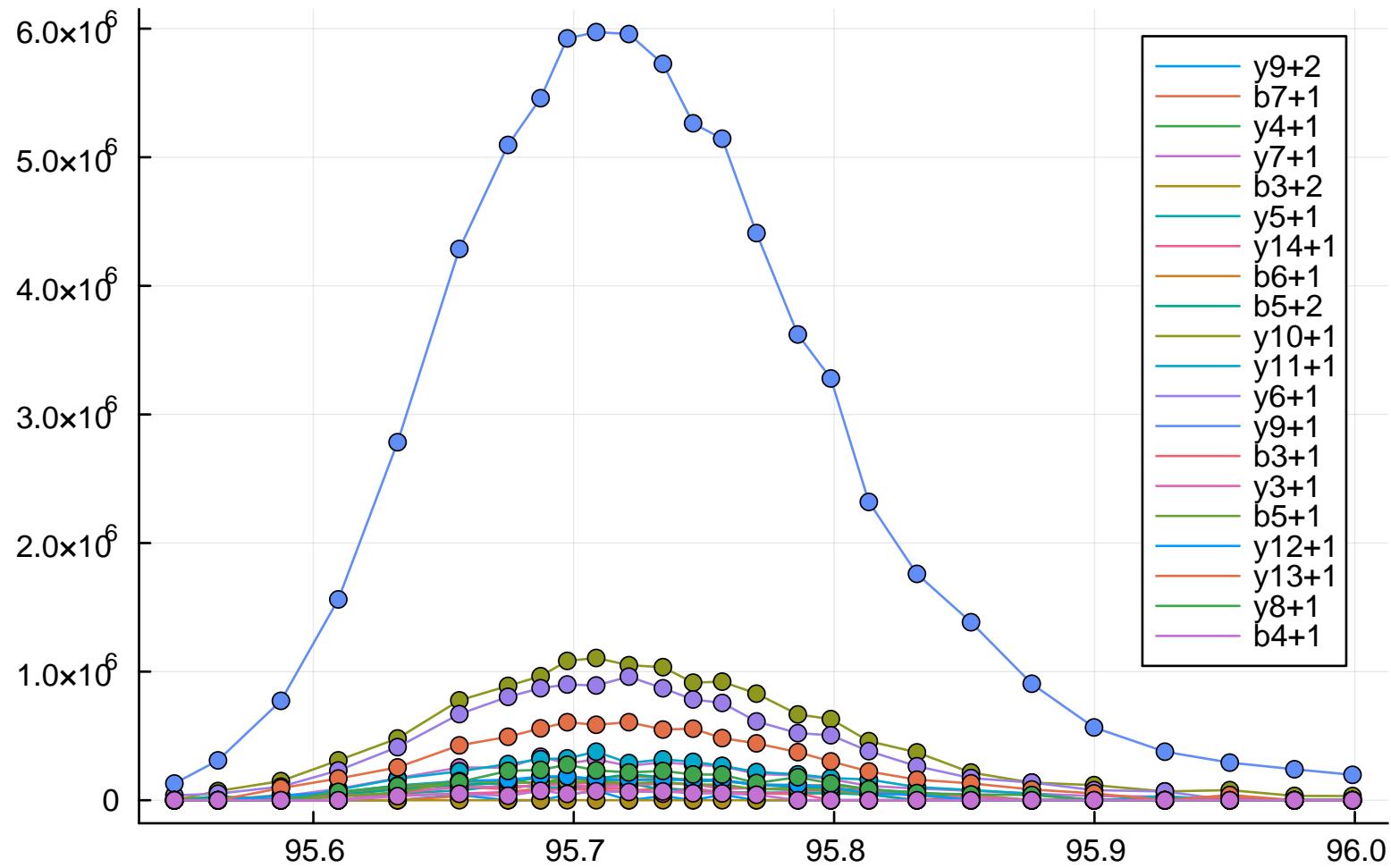
ROCK1- AESEQLAR[Harg]



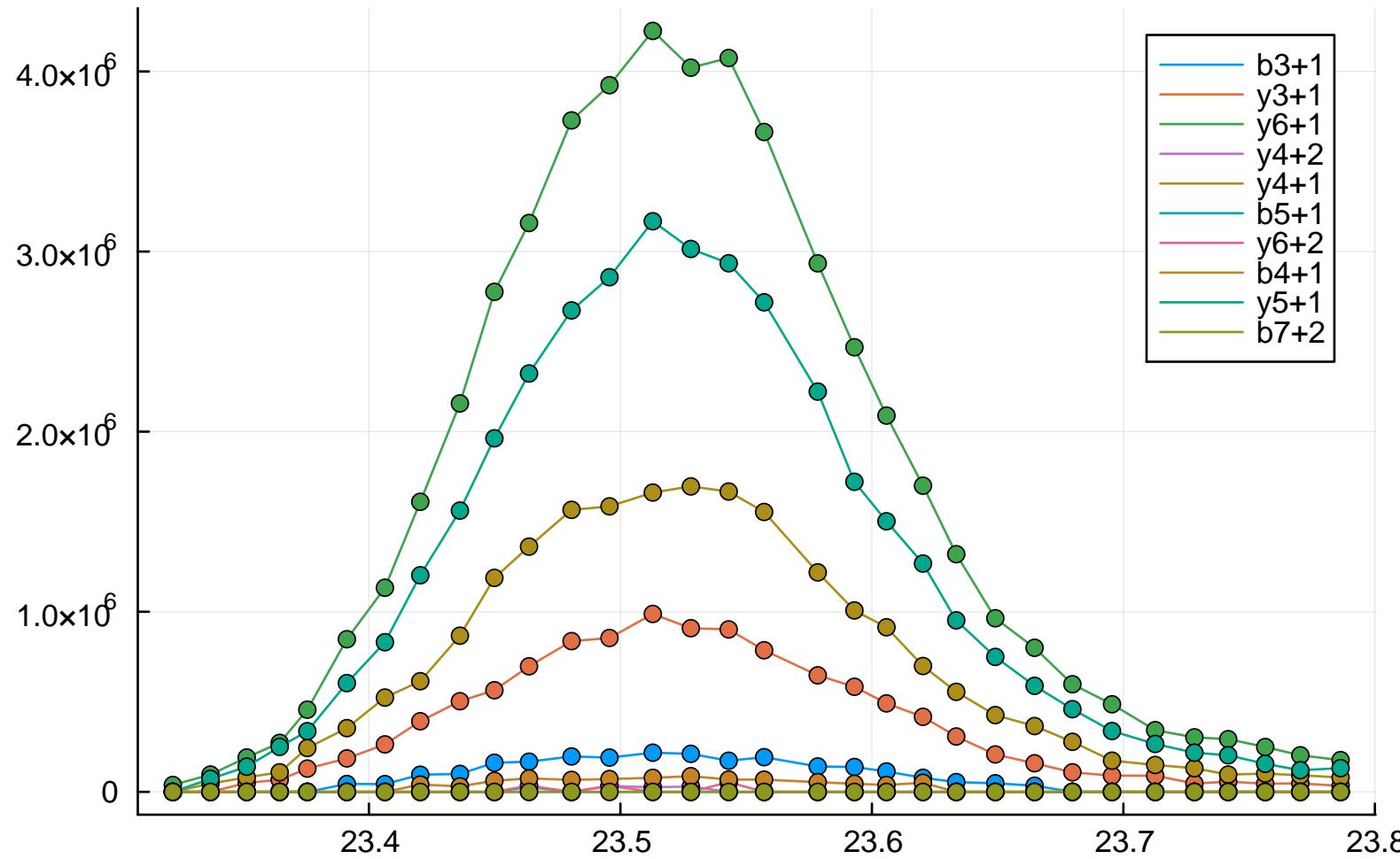
ROCK1- ETLATQLDAETK[Hlys]



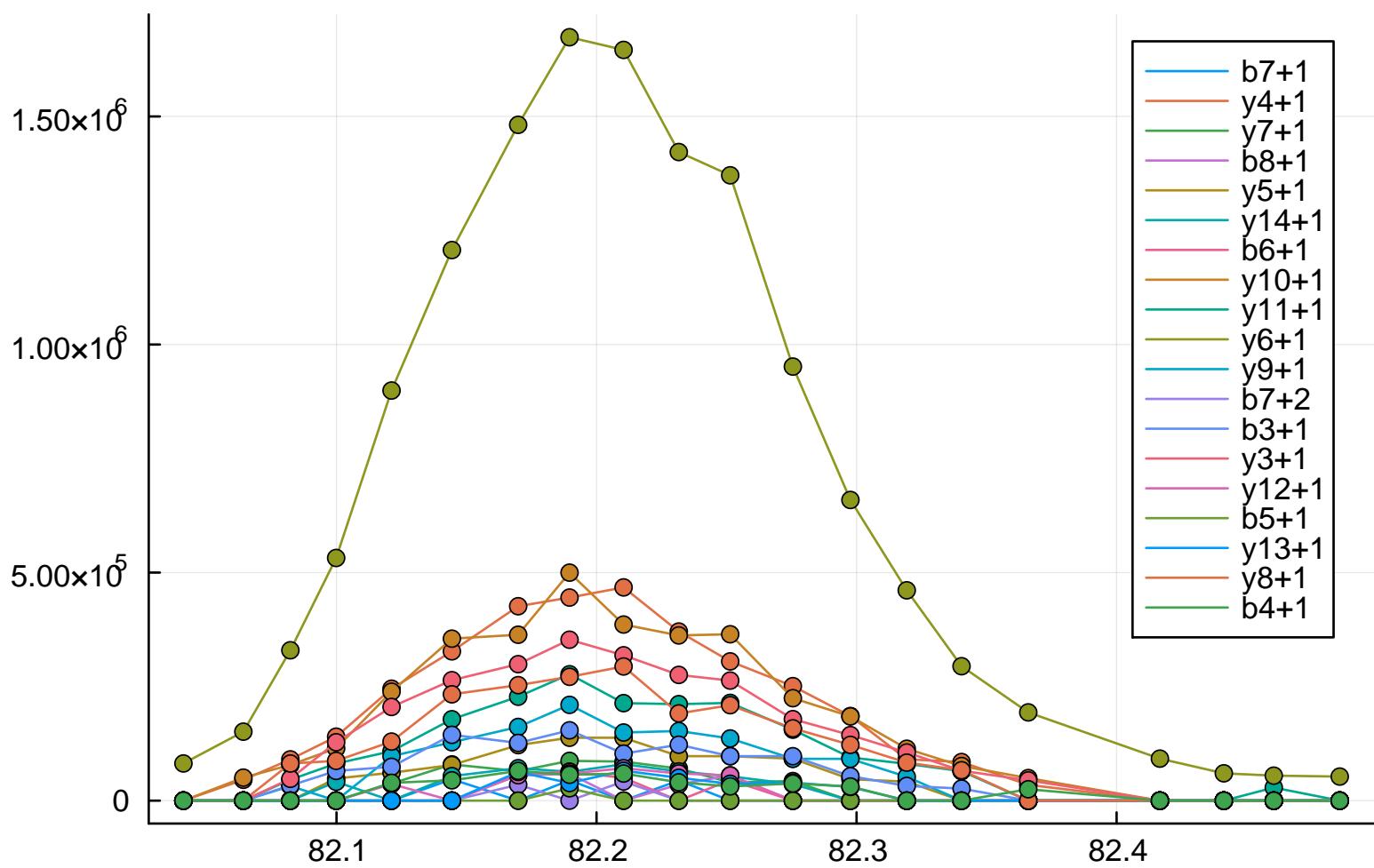
ROCK2- AFVGNQLPFIGFTYYR[Harg]



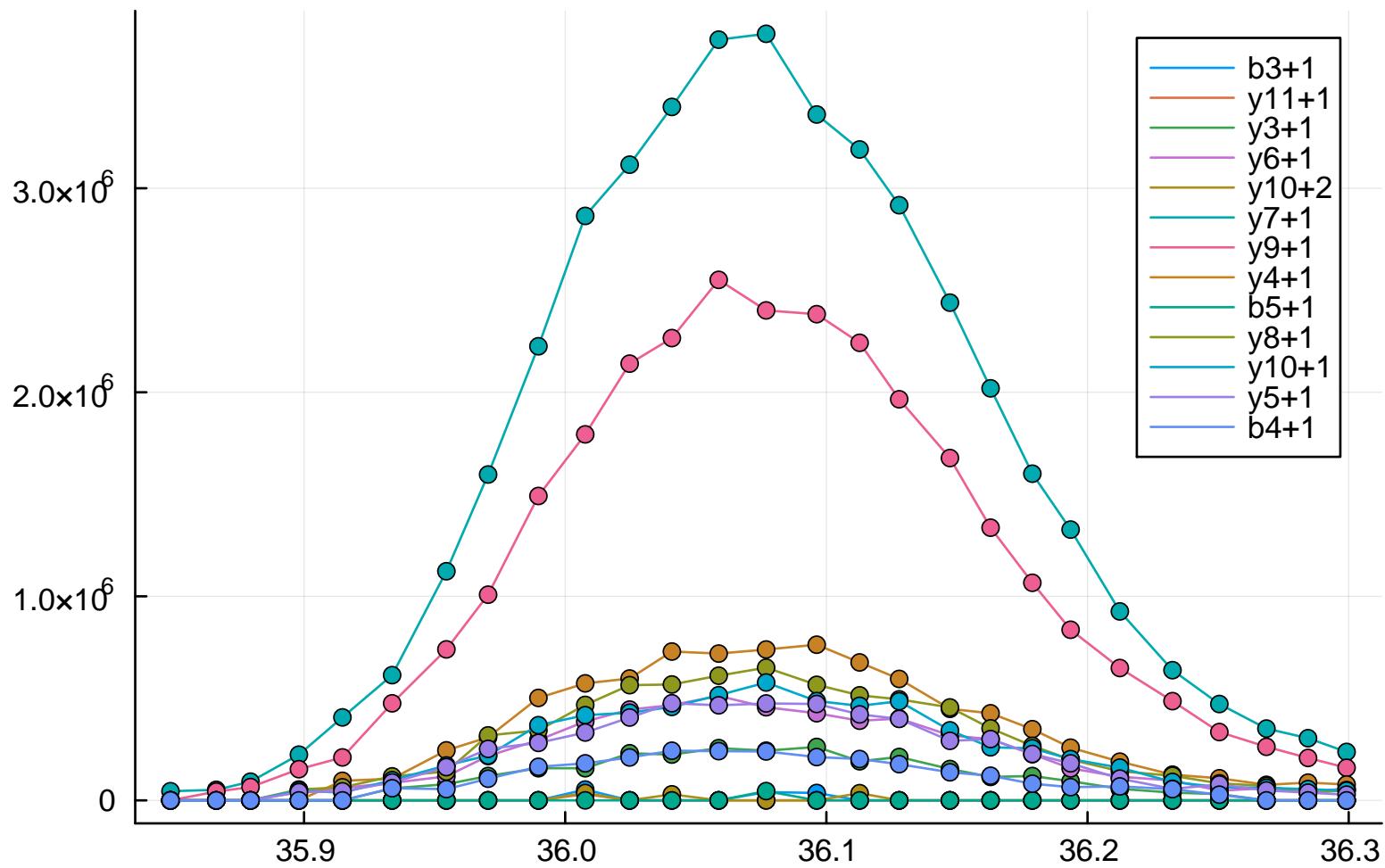
ROCK2- DVQEQLSR[Harg]



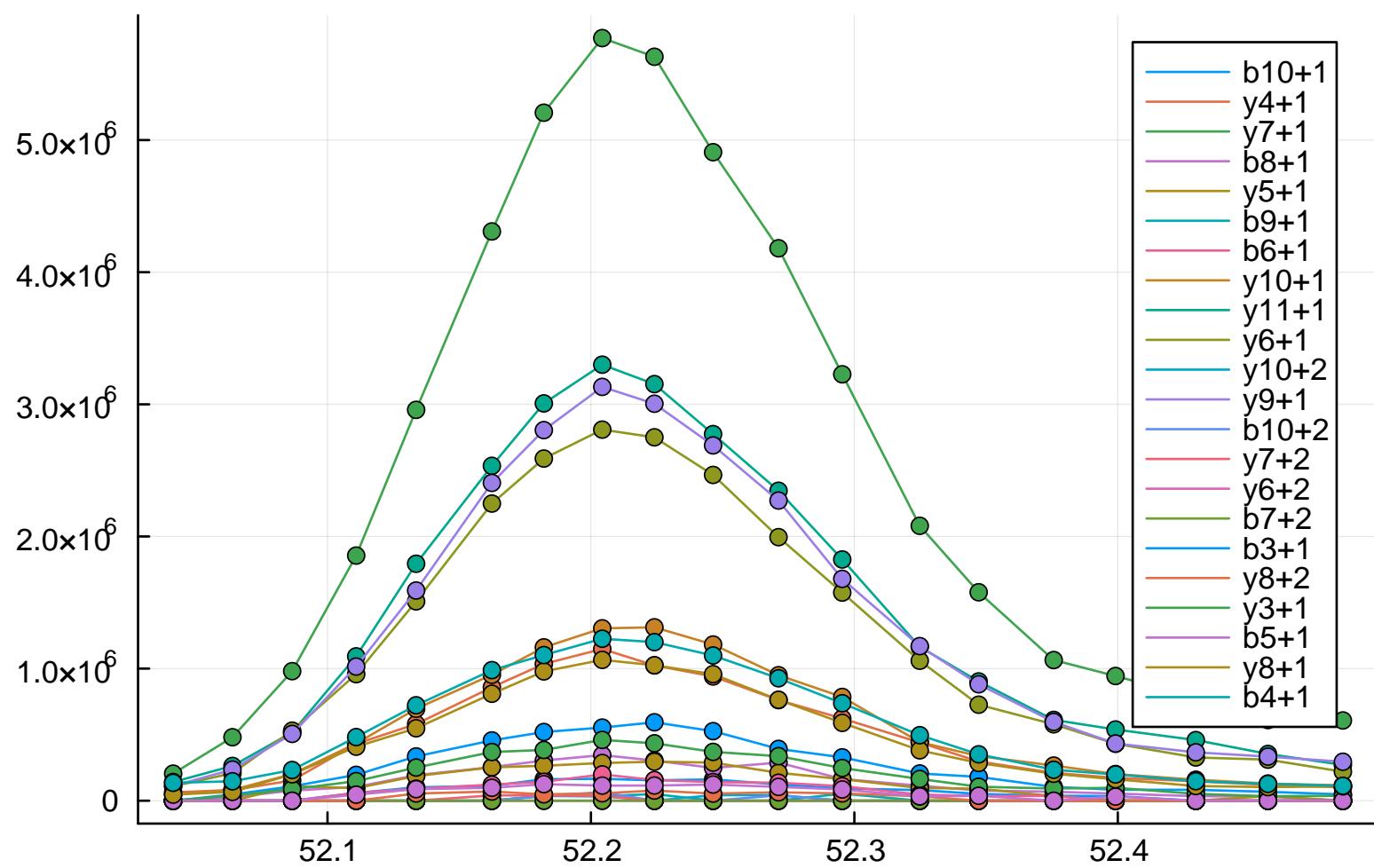
ROS1- LNGESSLVLQTQPWFSGK[Hlys]



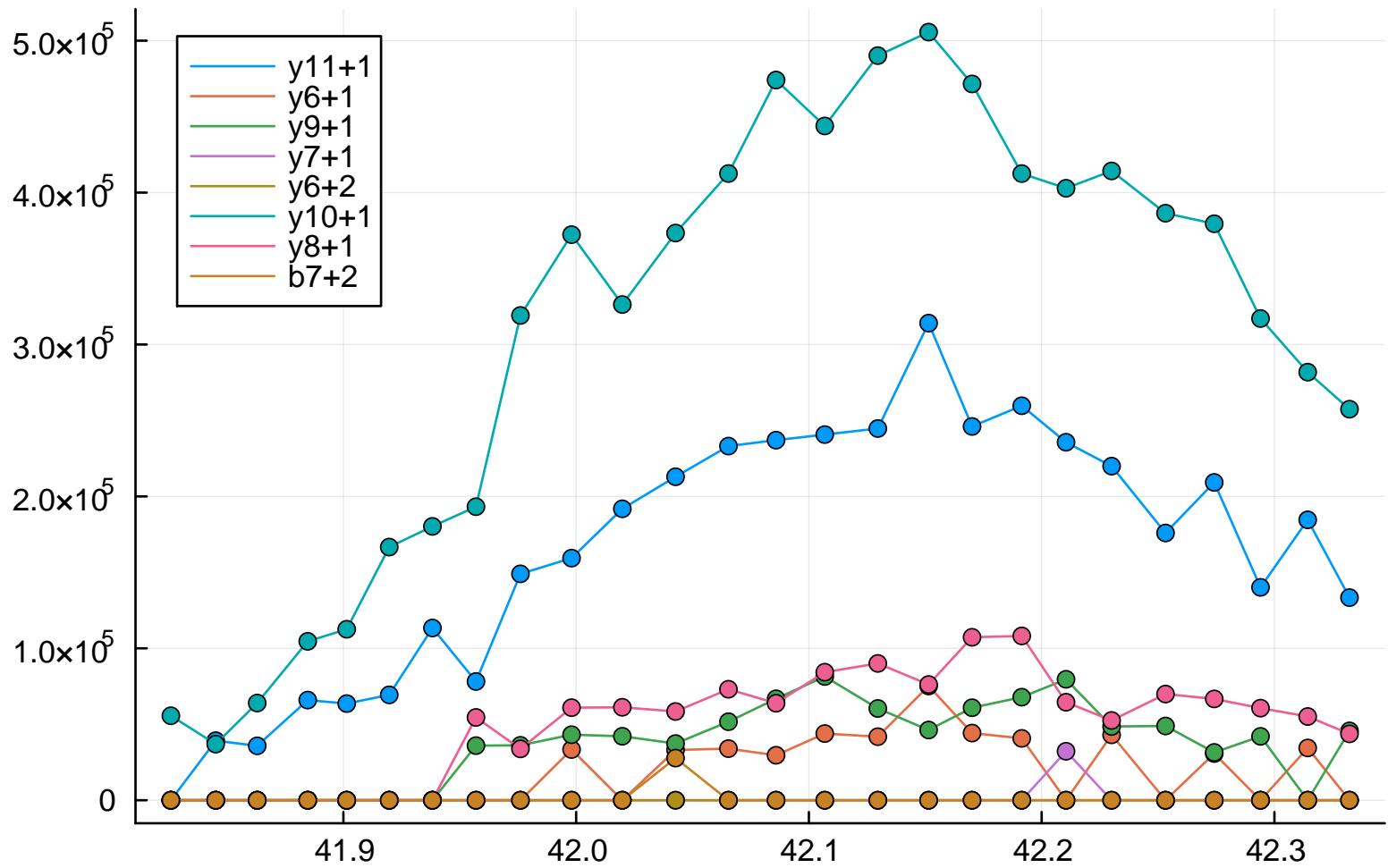
RPS6KA1- ETIGVGSYSEC[Carb]K[Hlys]



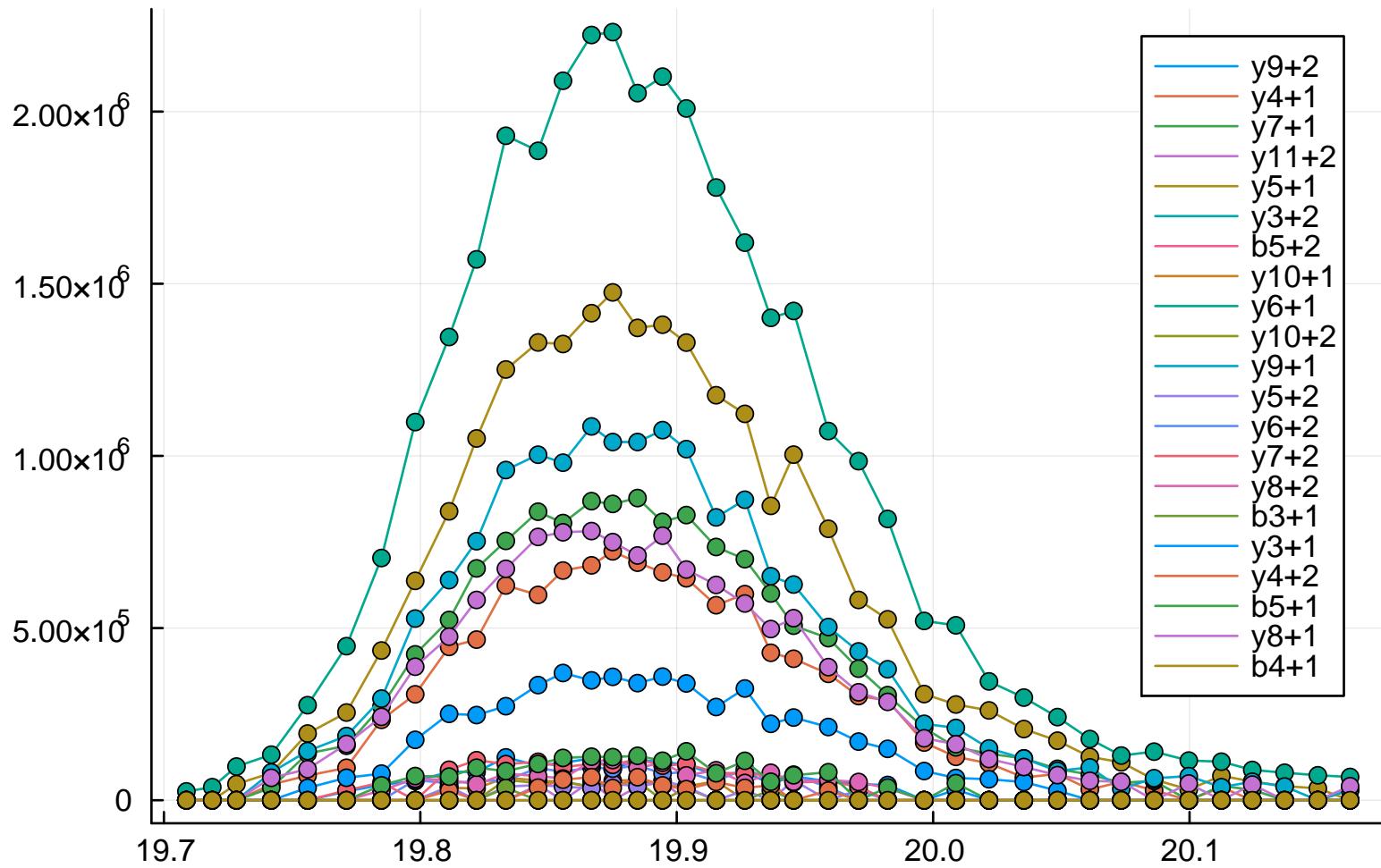
RPS6KA2- LGAGIDGVVEI[K][Hlys]



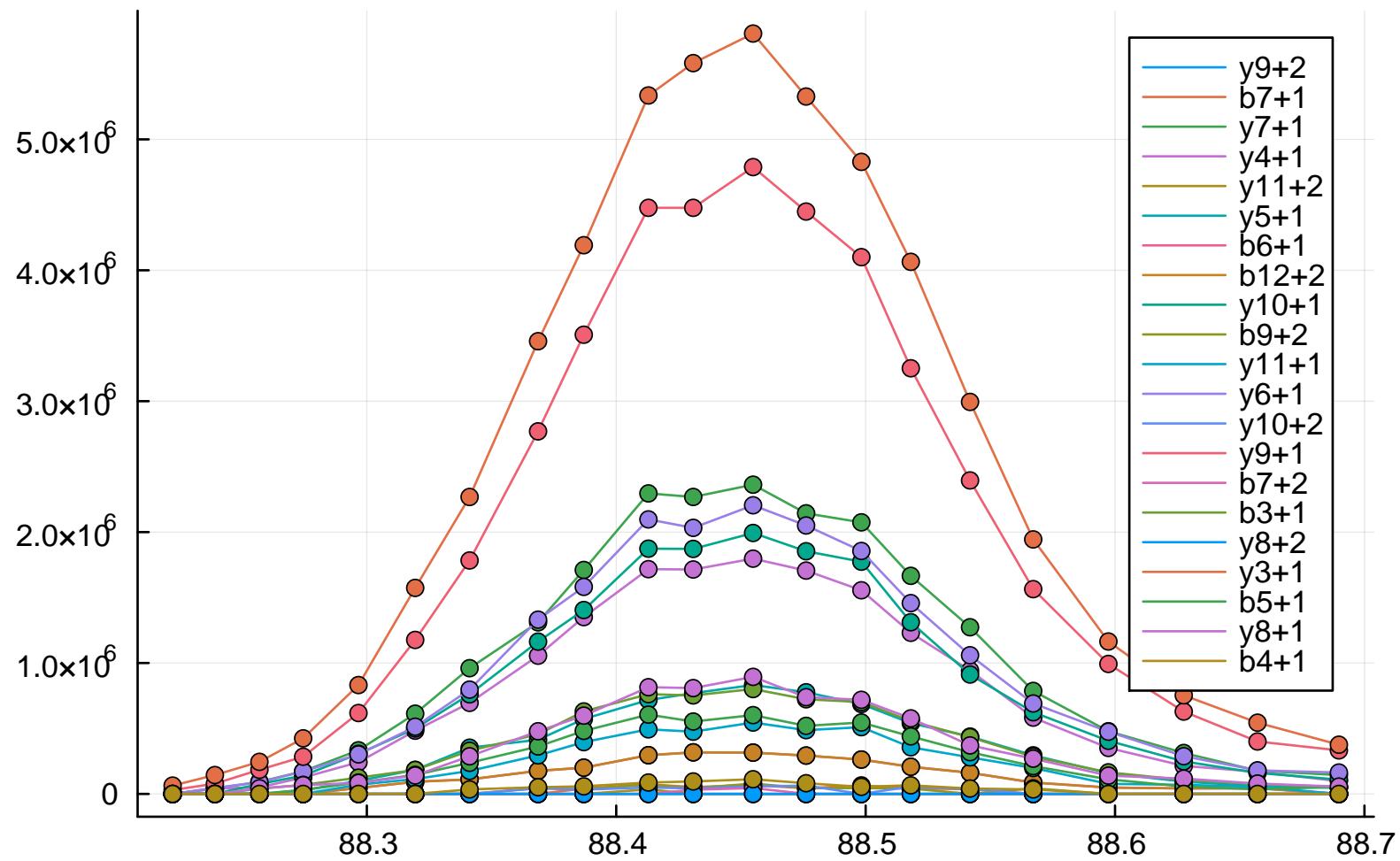
RPS6KA4- HFSESEASQILR[Harg]



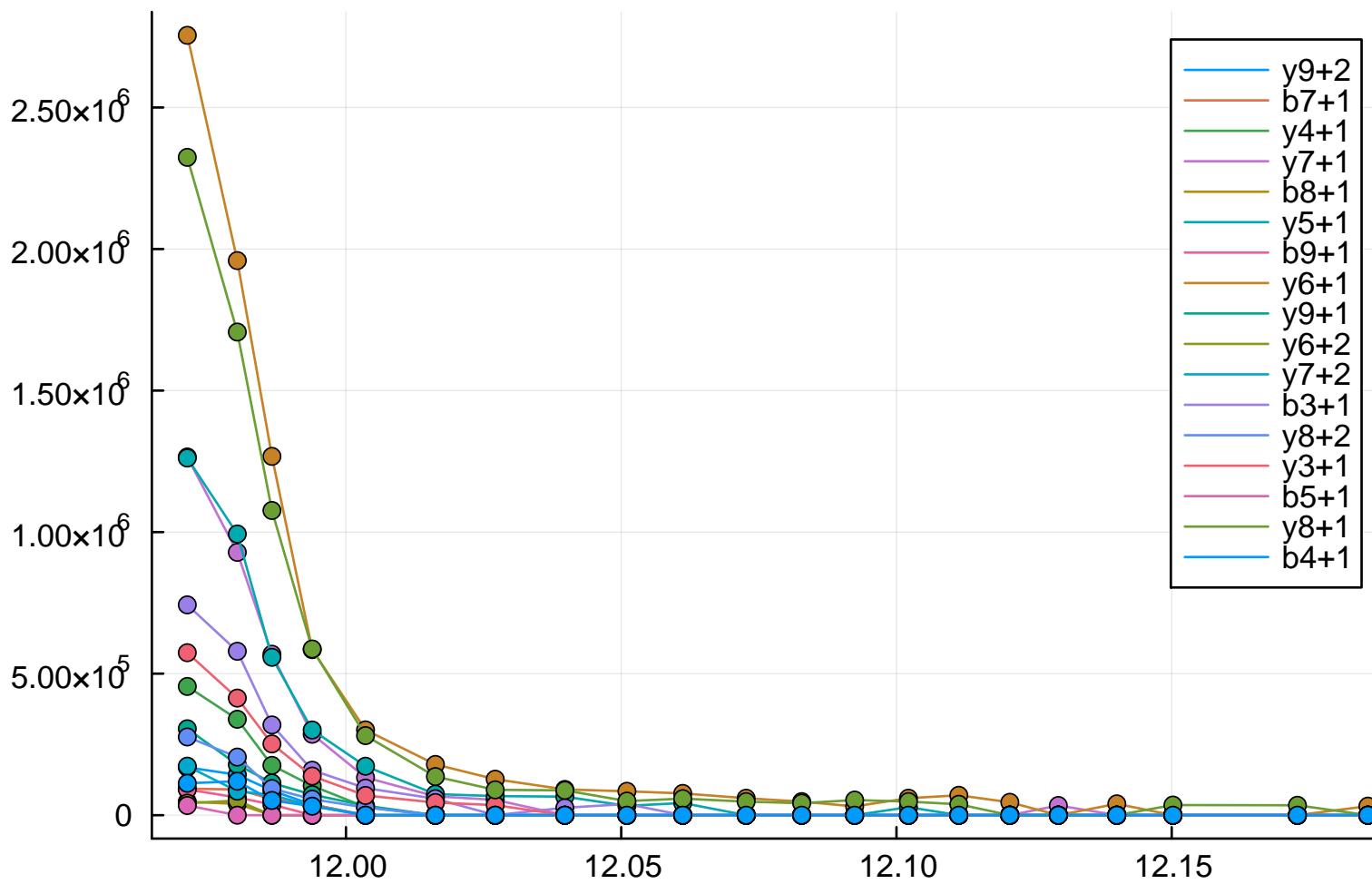
RPS6KA4- ITEANLTGHEEK[H]lys



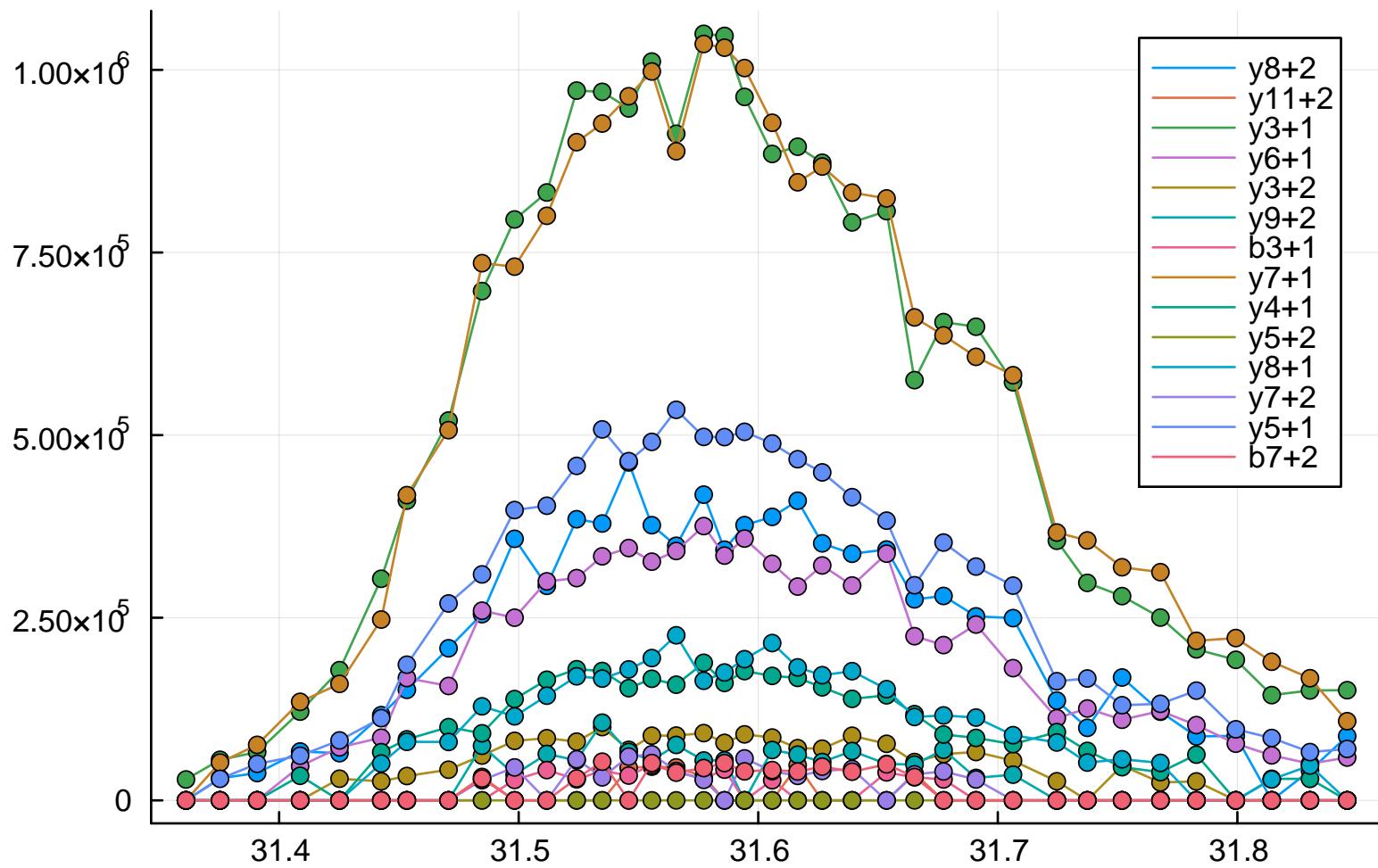
RPS6KA5- DLIQGLLTVDPNK[Hlys]



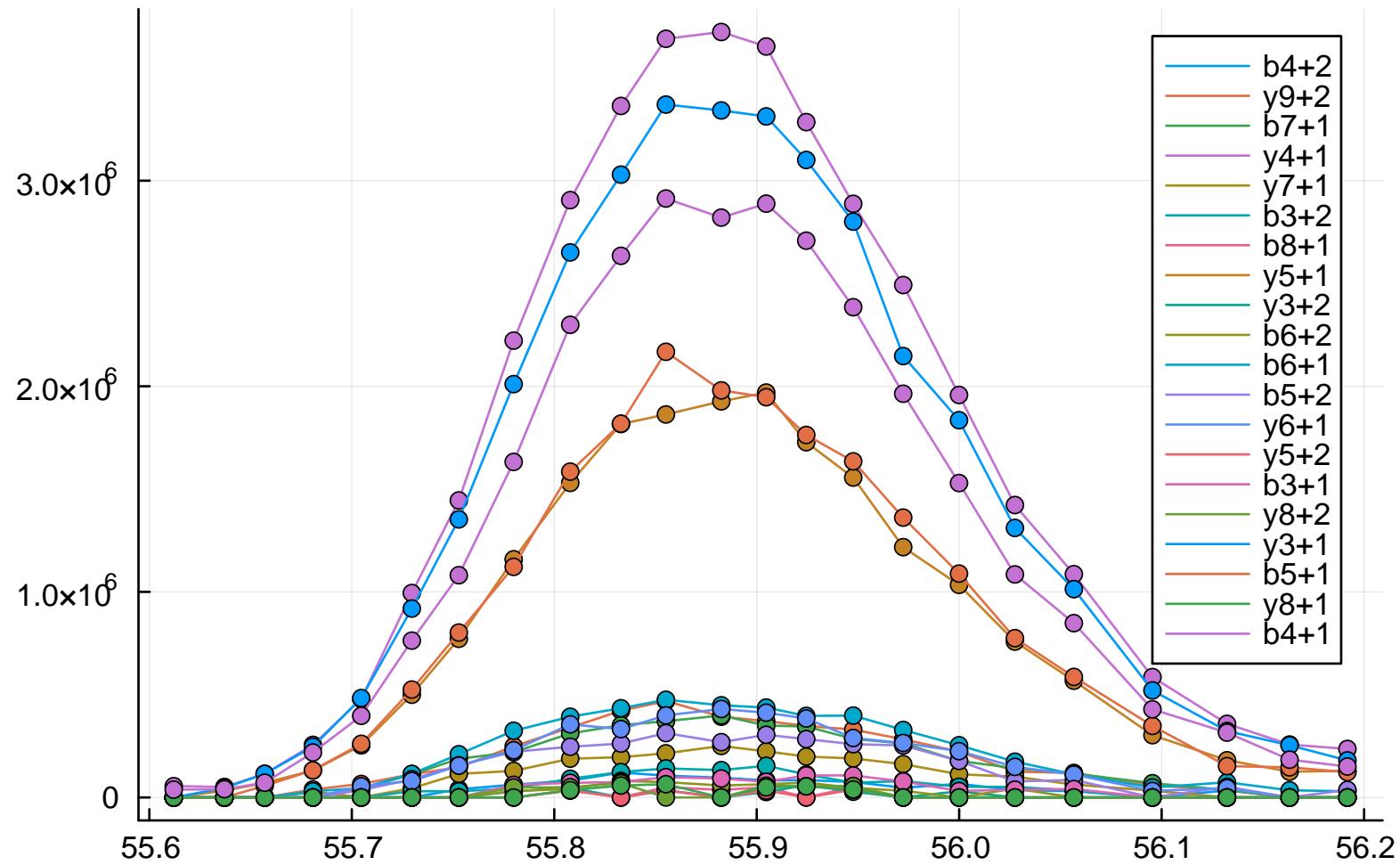
RPS6KA5- TANLTGHAEK[Hlys]



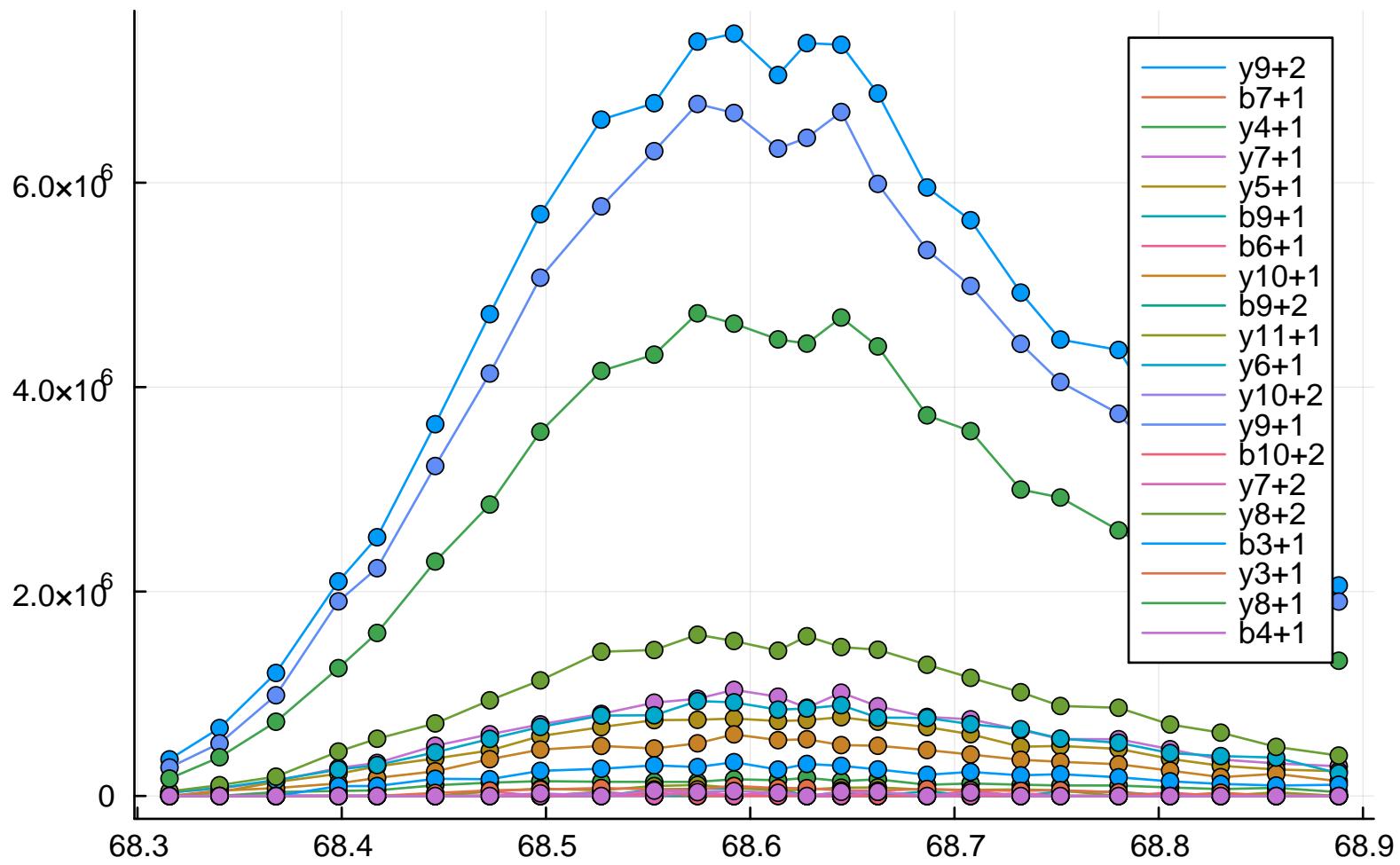
RPS6KA6- TVDYLHC[Carb]QGVVHR[Harg]



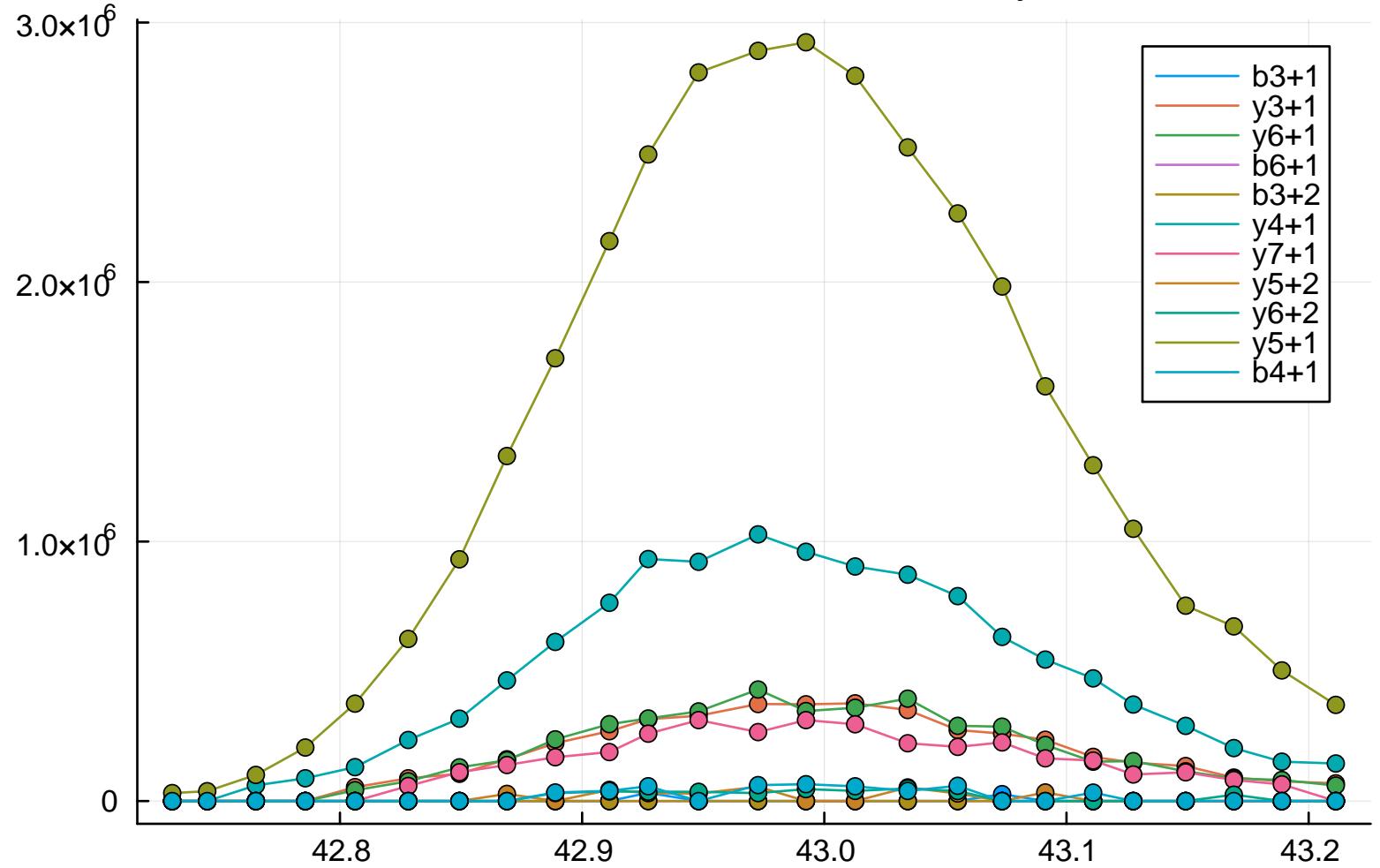
RPS6KB1- IRPEC[Carb]FELLR[Harg]



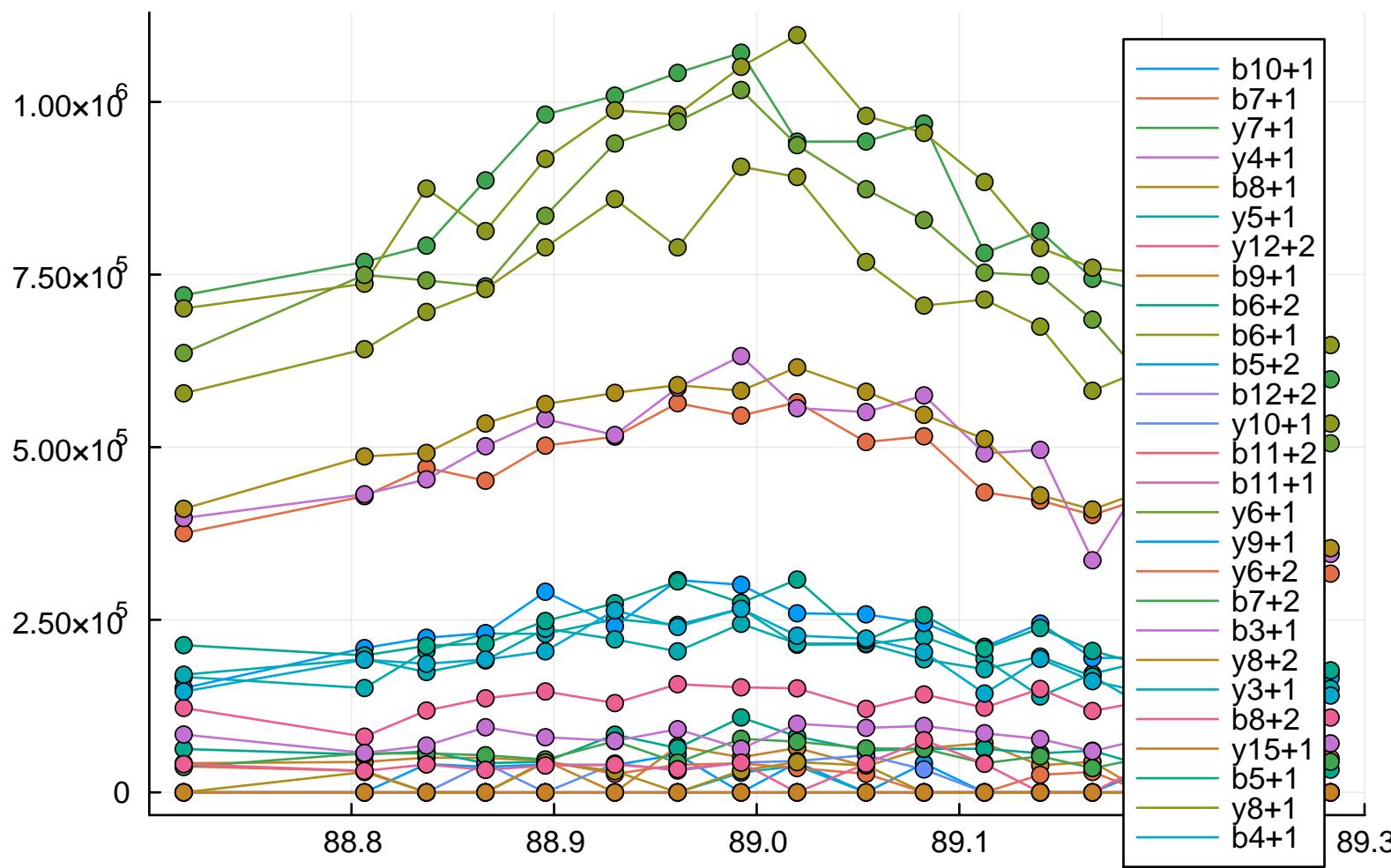
RPS6KB1- LNLPPYLTQEAr[Harg]



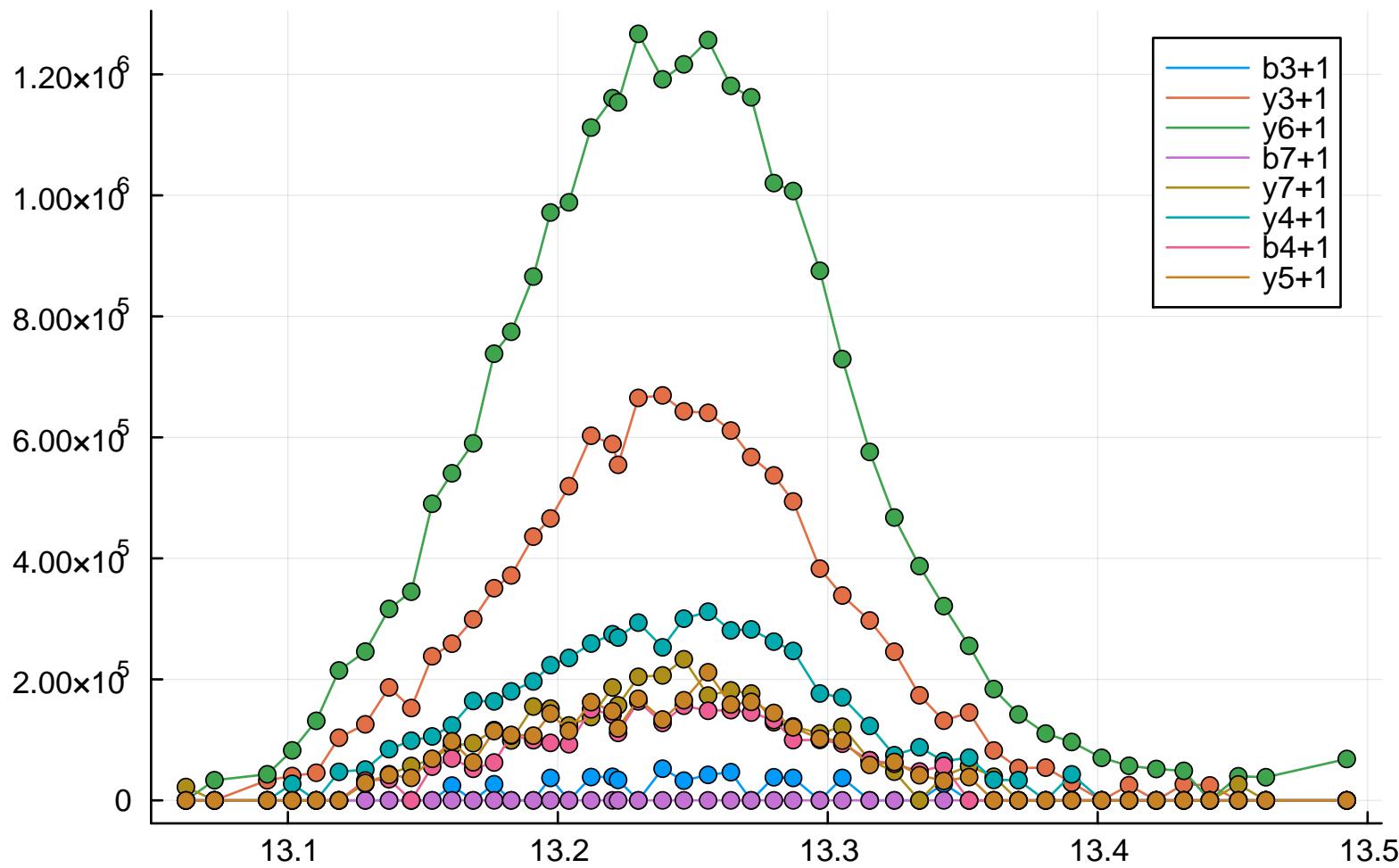
RPS6KB2- EGFSFQPK[H]lys



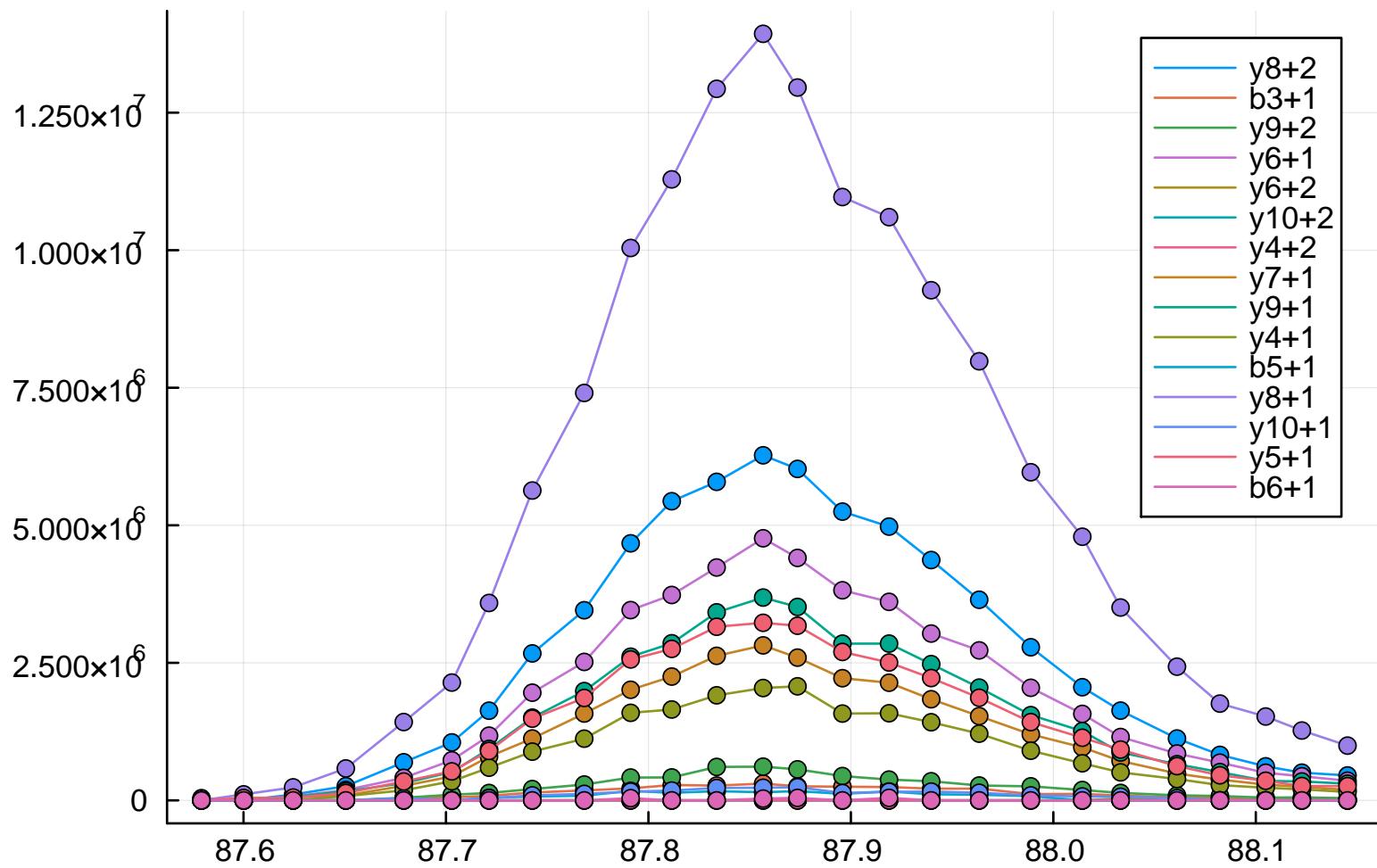
RPS6KB2- HPFIVELAYAFQTGGK[Hlys]



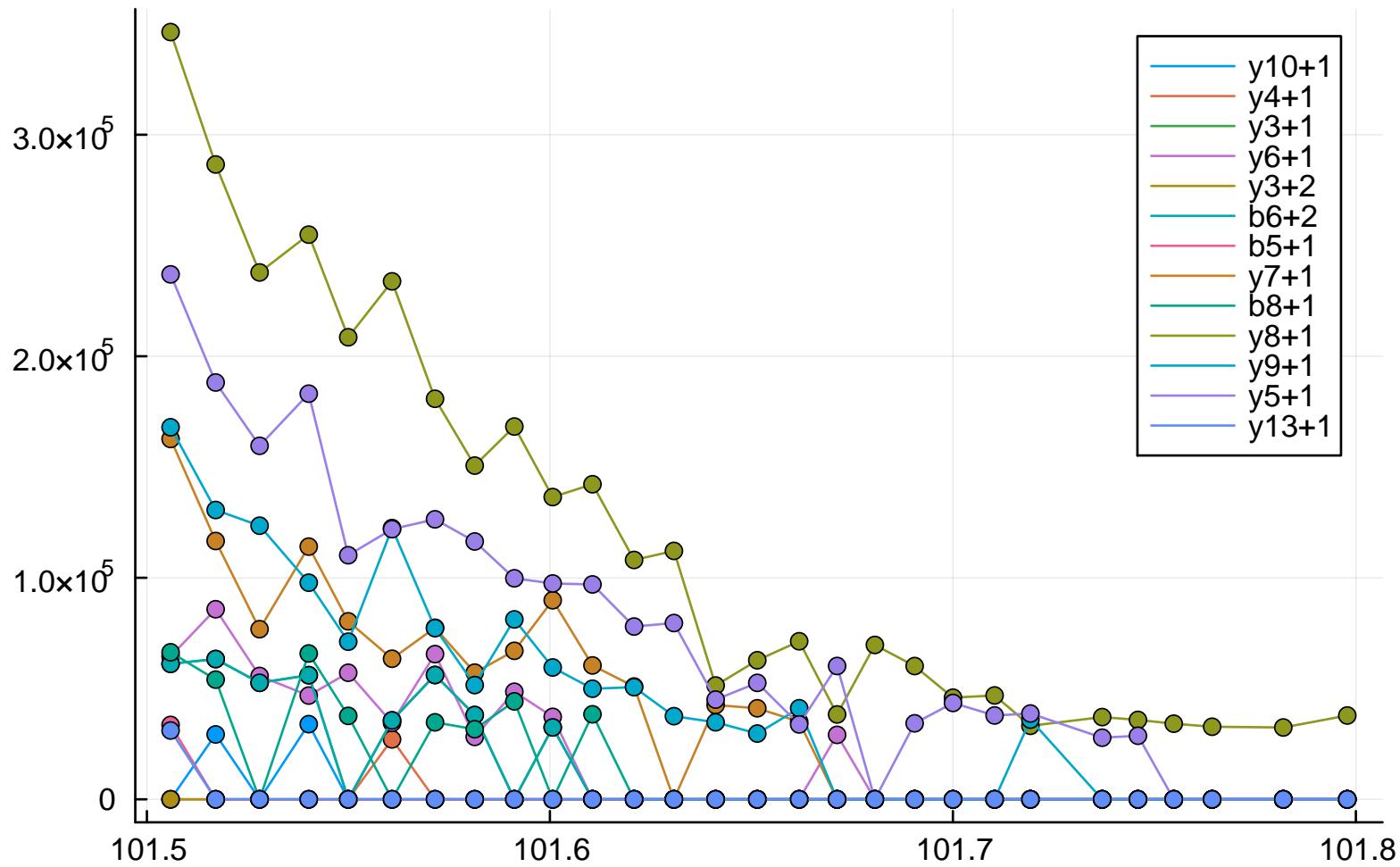
RPS6KB2- VQGTNLGK[Hlys]



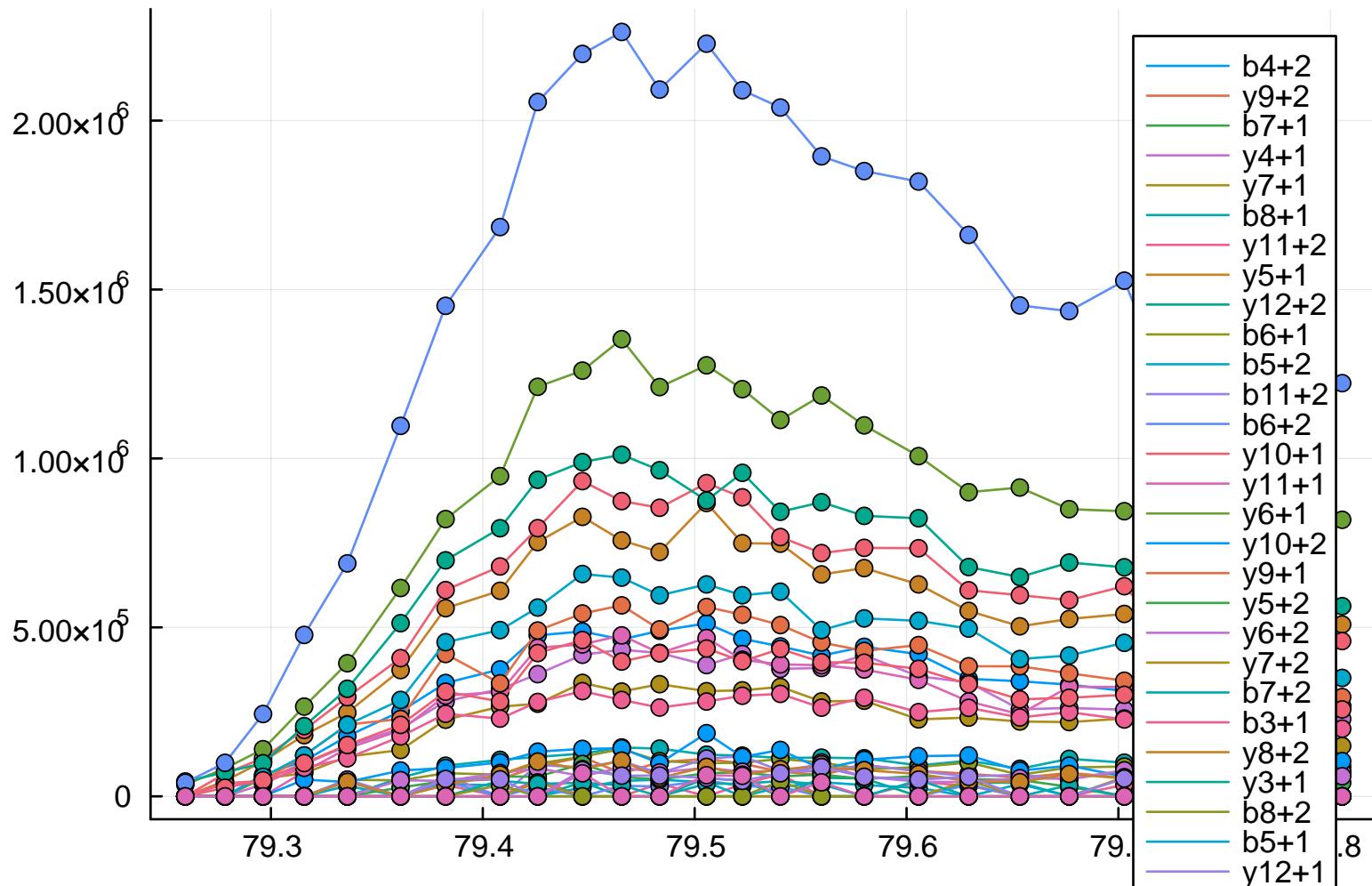
SCYL2- LILPELGPVFK[Hlys]



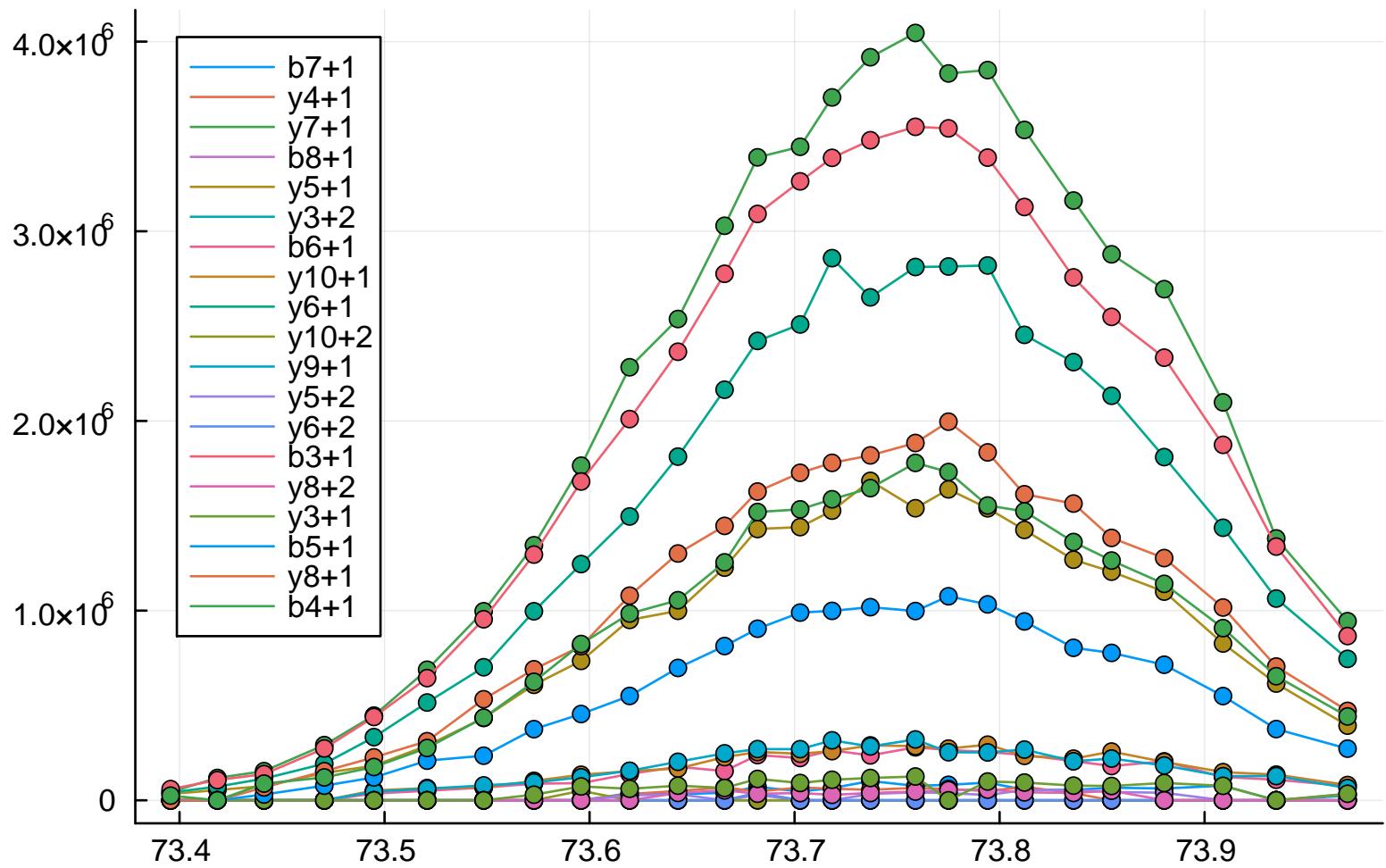
SCYL3- LVPLLNQLVFAEPVAVK[Hlys]



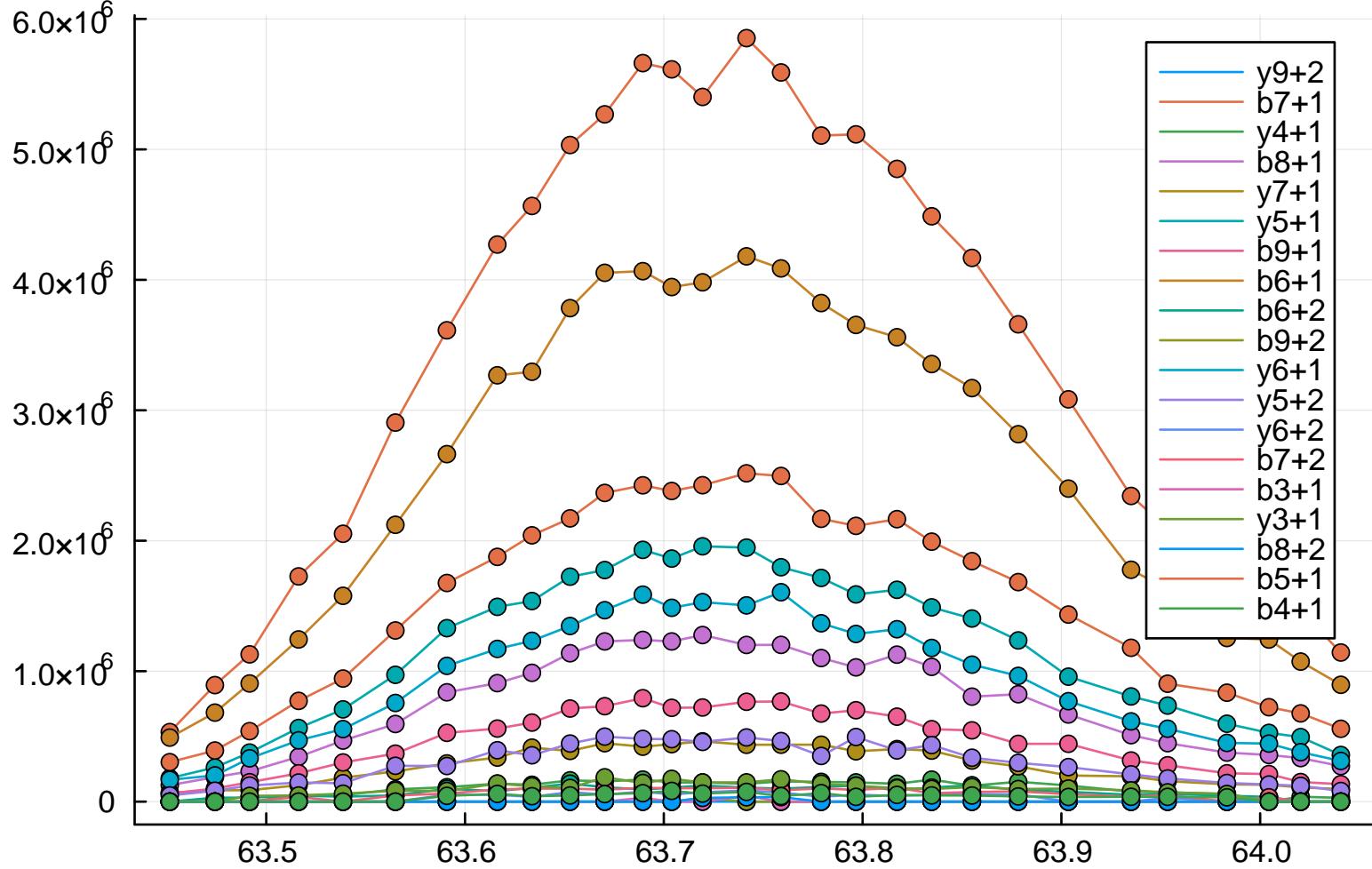
SRPK1- IIQQVLQGLDYLHTK[Hlys]



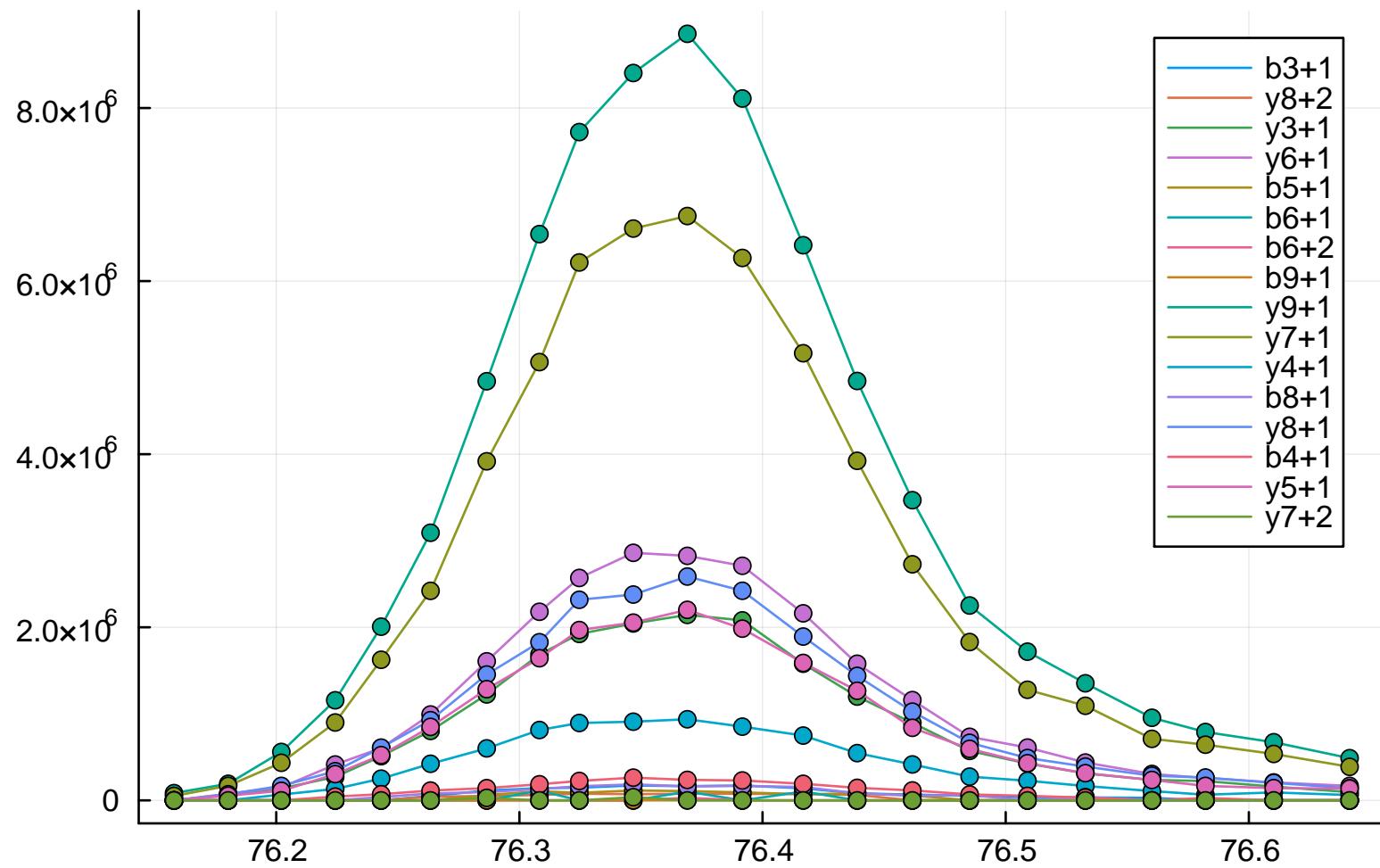
SRPK2- AADLLVNPLDPR[Harg]



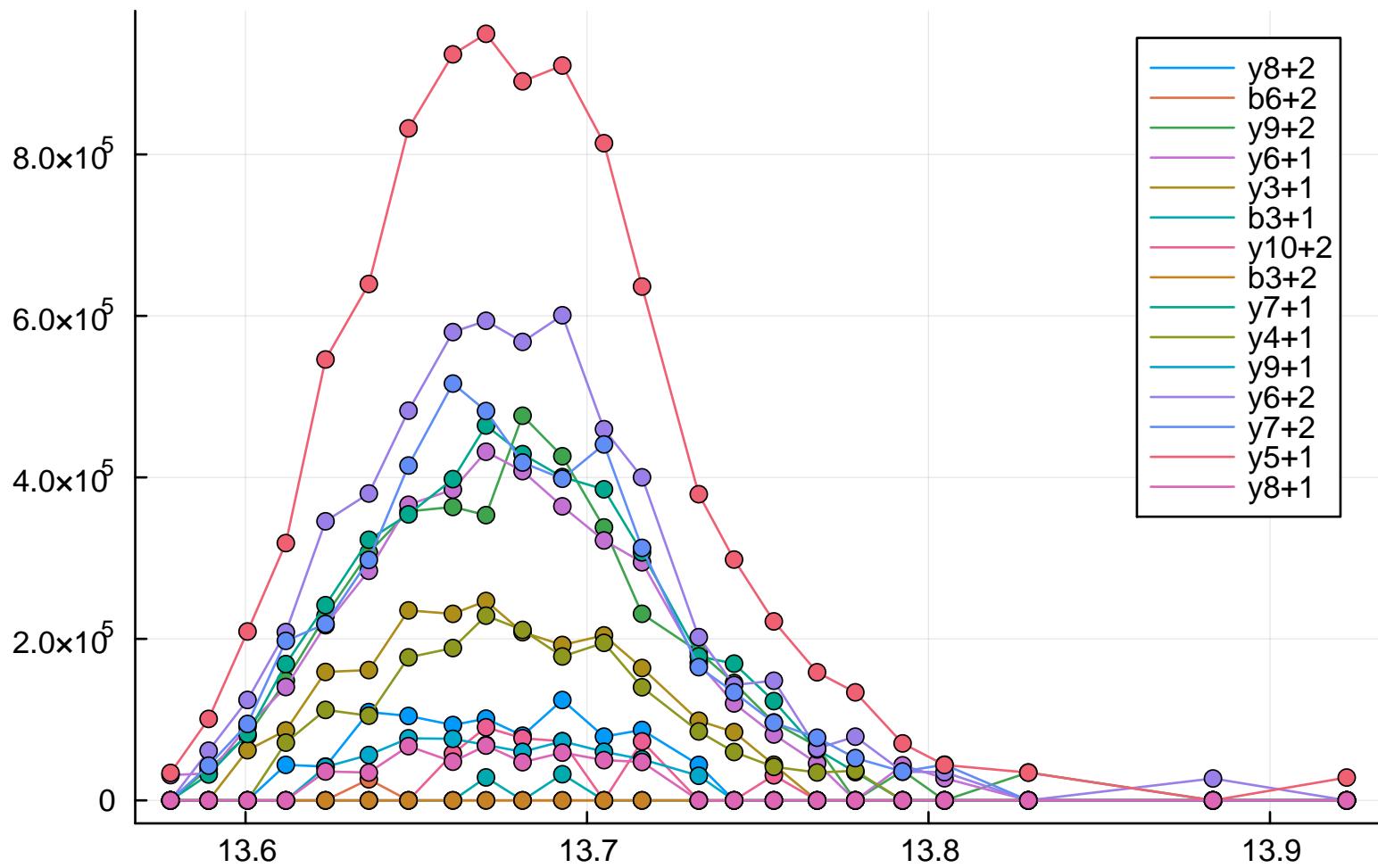
SRPK2- TRAADLLVNPLDPR[Harg]



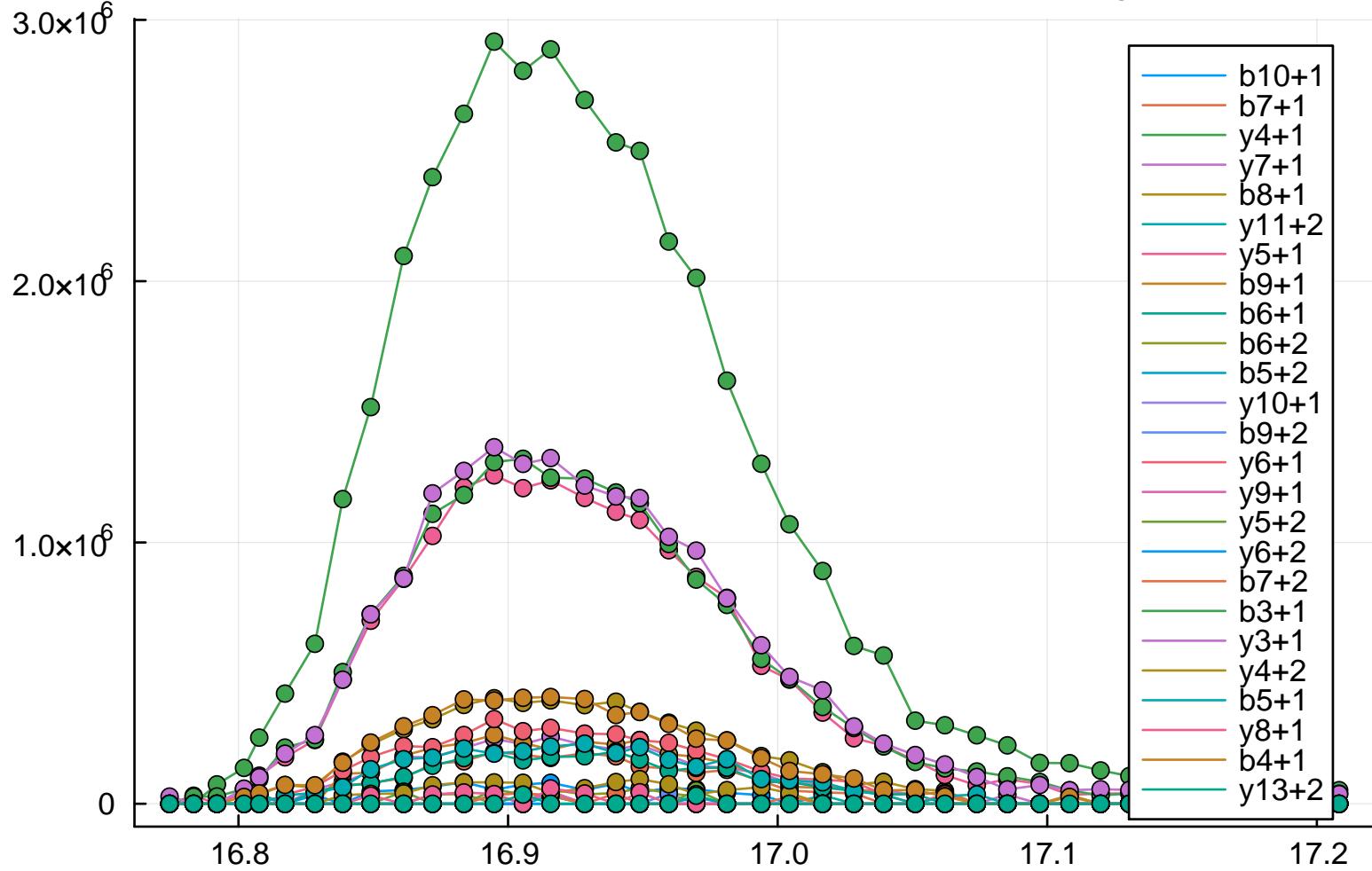
ST38L- LGLDDFESLK[Hlys]



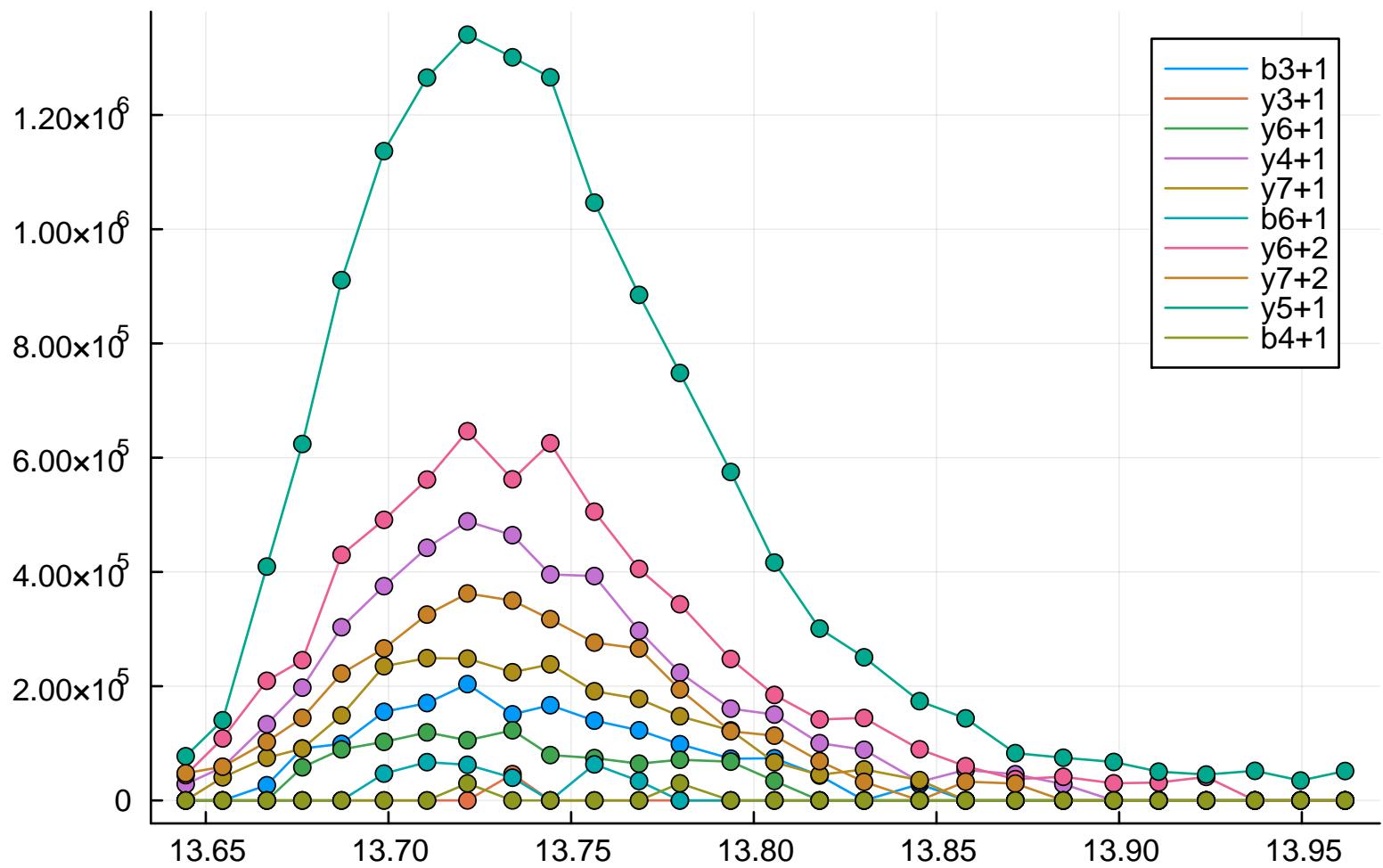
STK10- ALDESHNQNLK[Hlys]



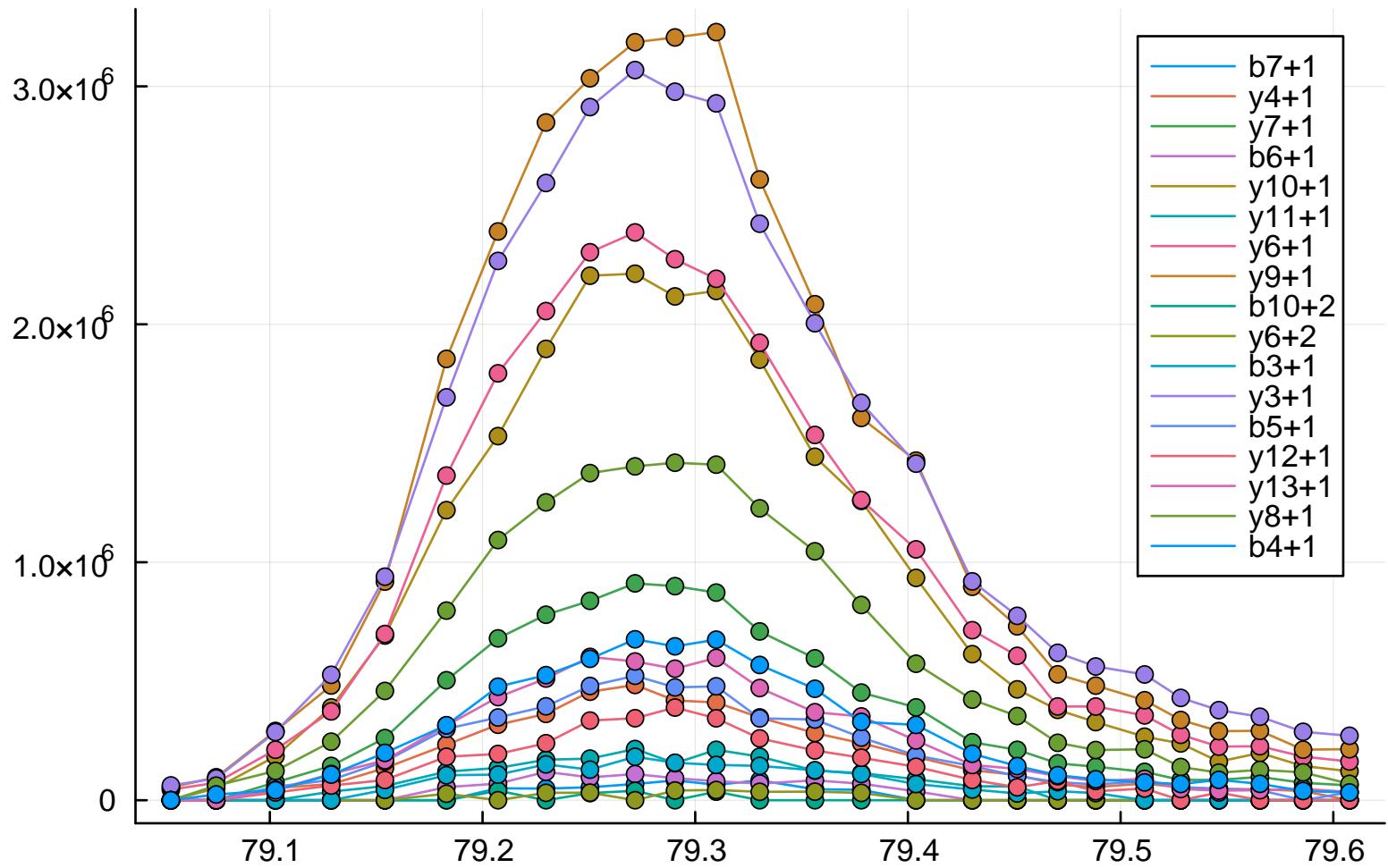
STK10- SLHINGGGSAAEQR[Harg]



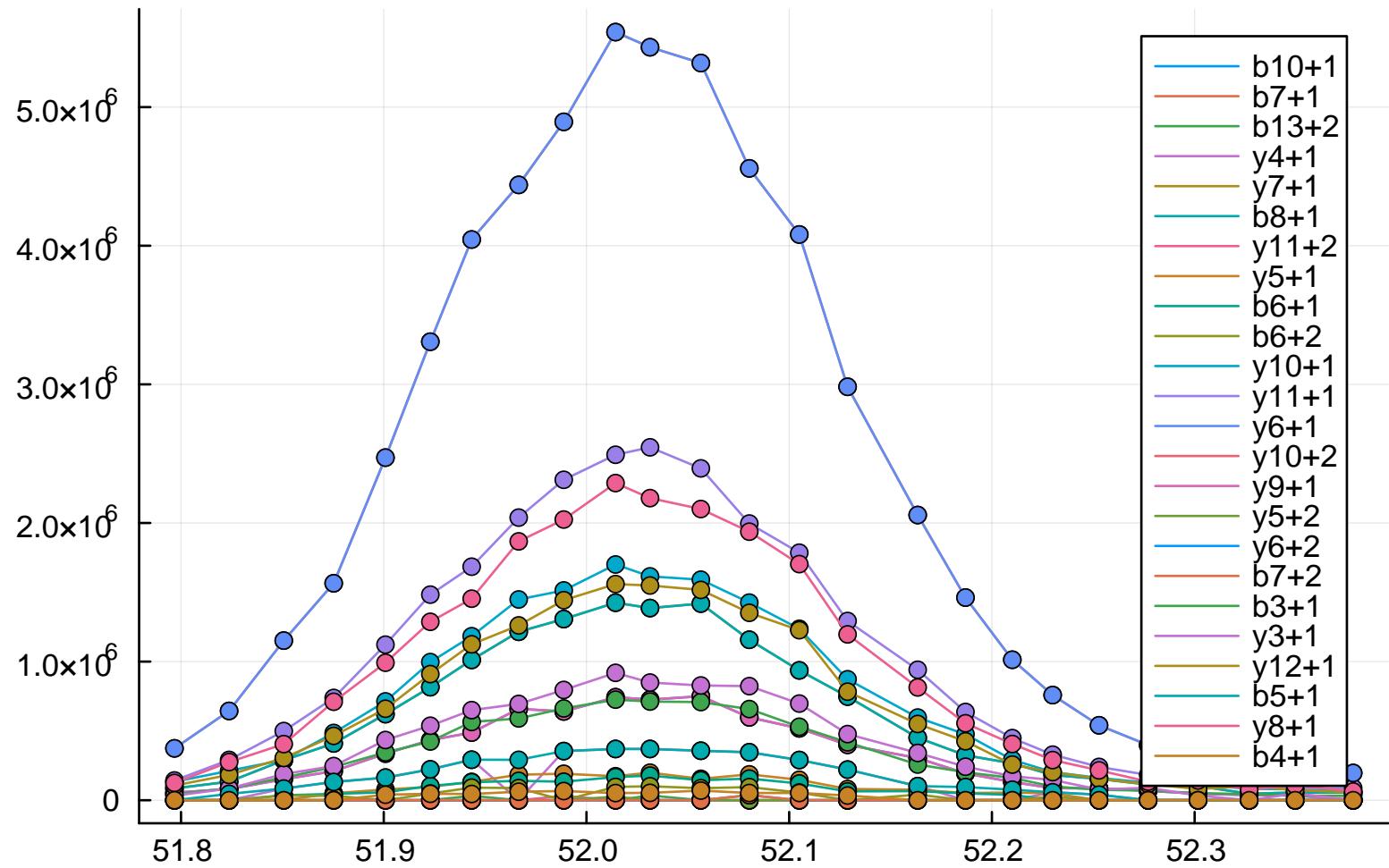
STK17B-IGHAC[Carb]ELR[Harg]



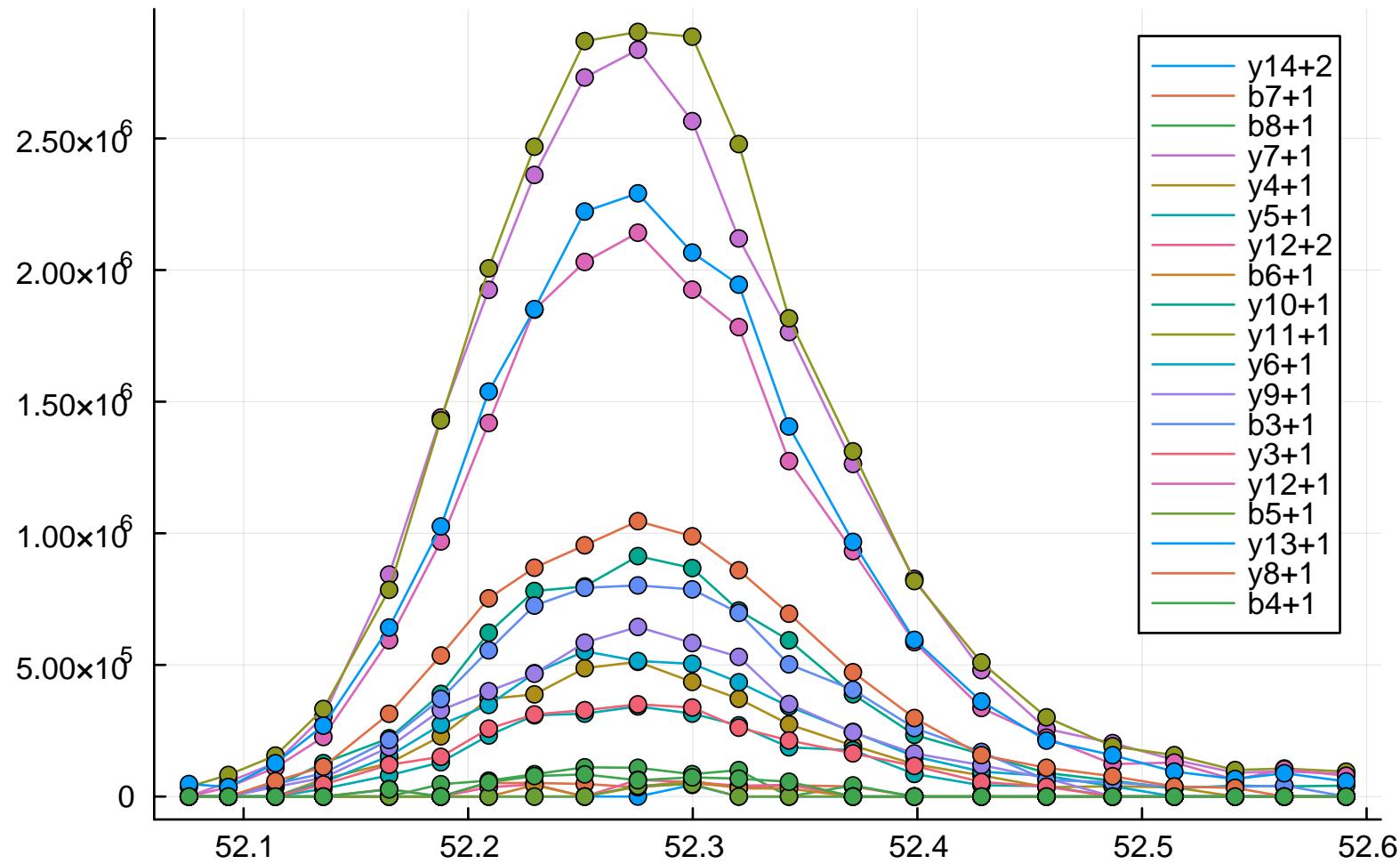
STK17B- SISGLLTTTPQIPIK[Hlys]



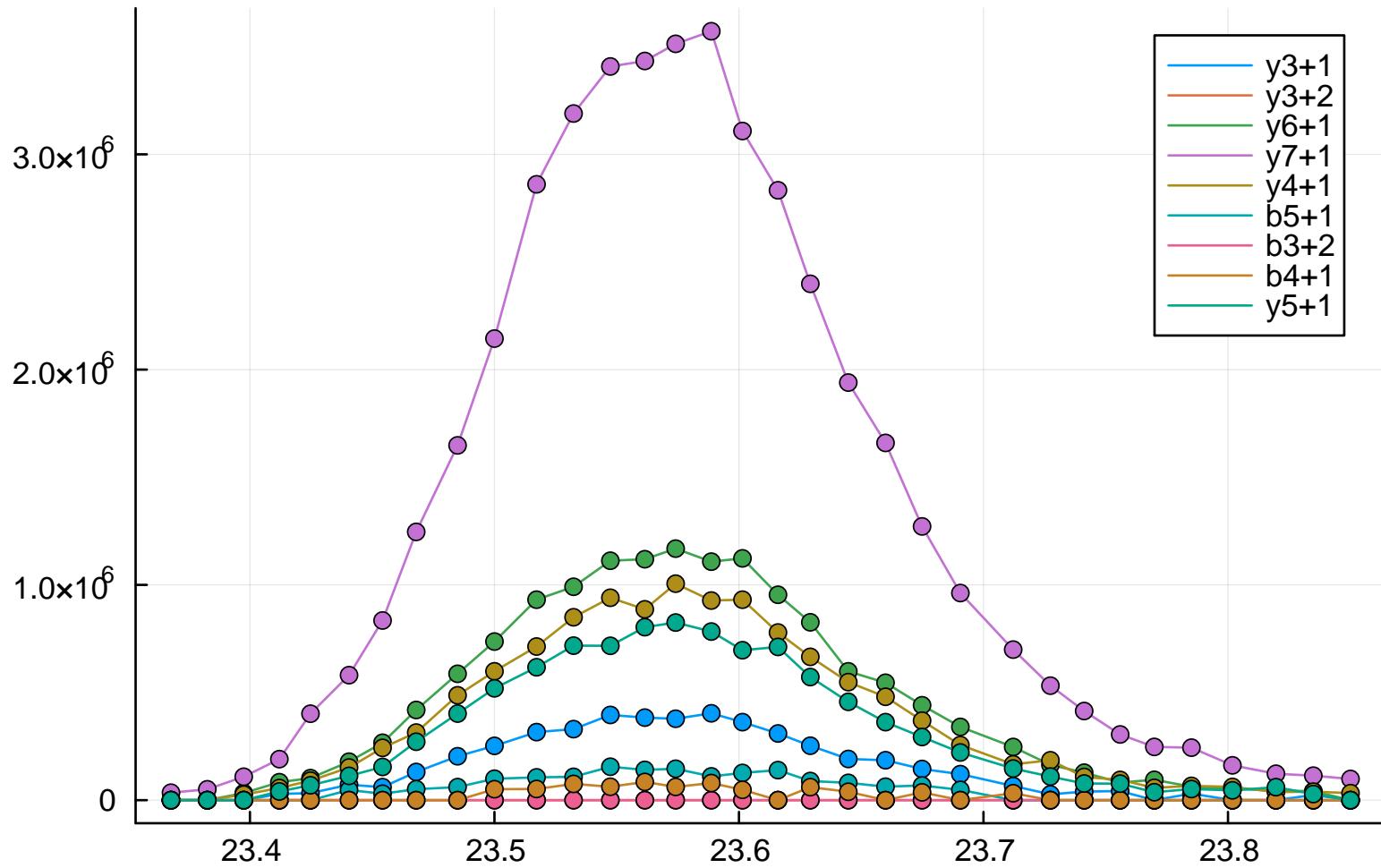
STK24- NLENGALQPSDLDR[Harg]



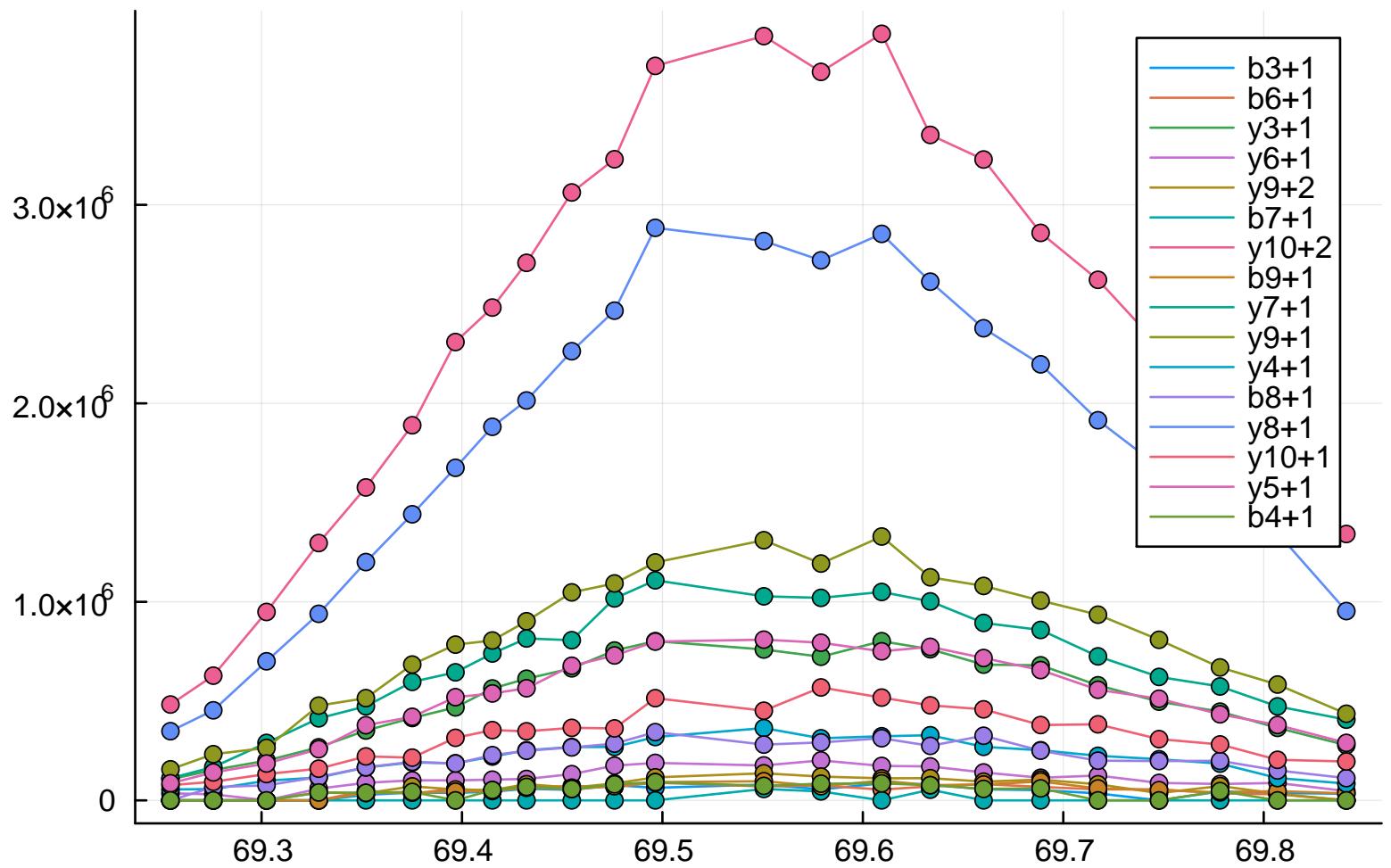
STK24- SQAC[Carb]GGNLGSIEELR[Harg]



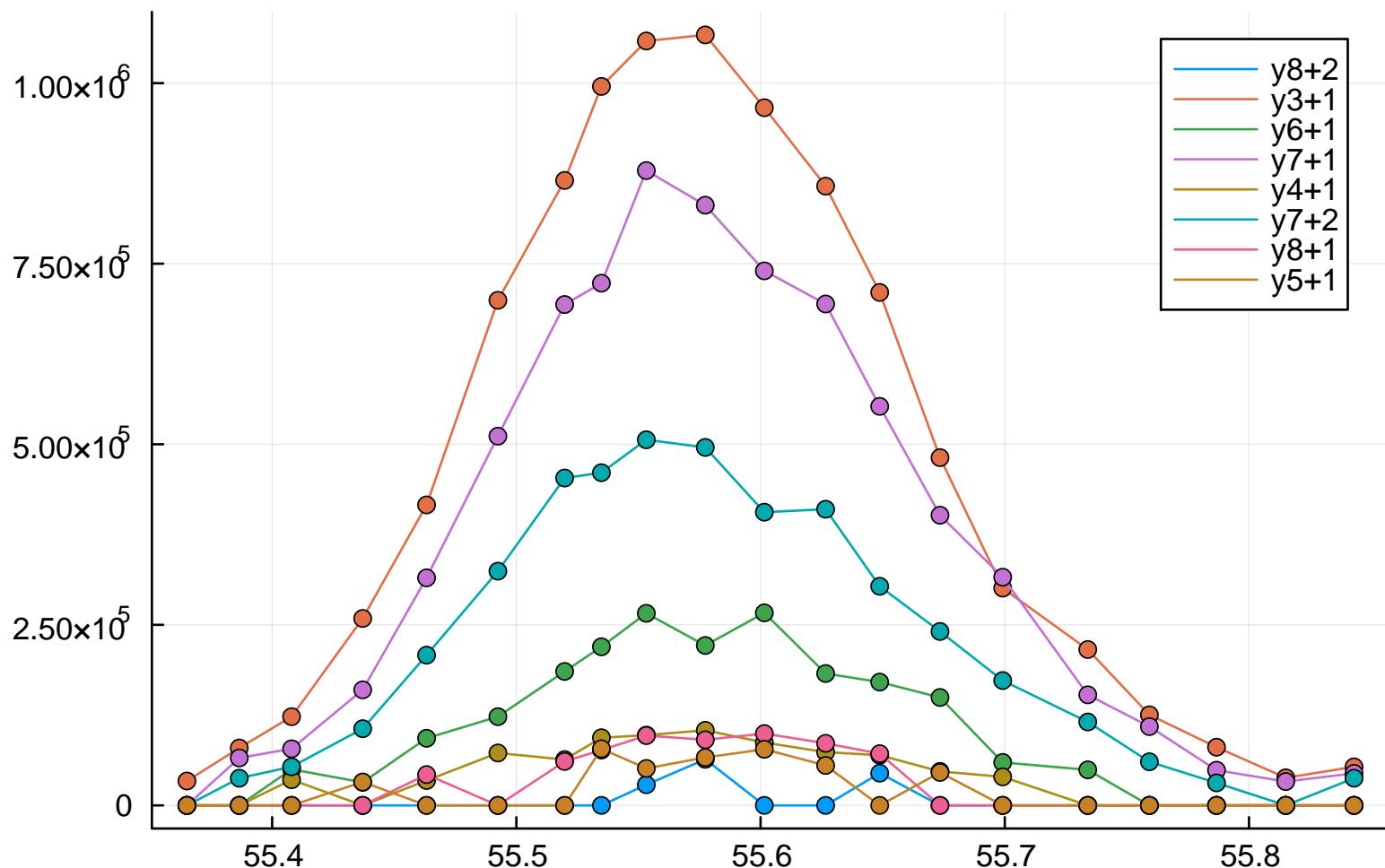
STK3- LSEDSLTK[Hlys]



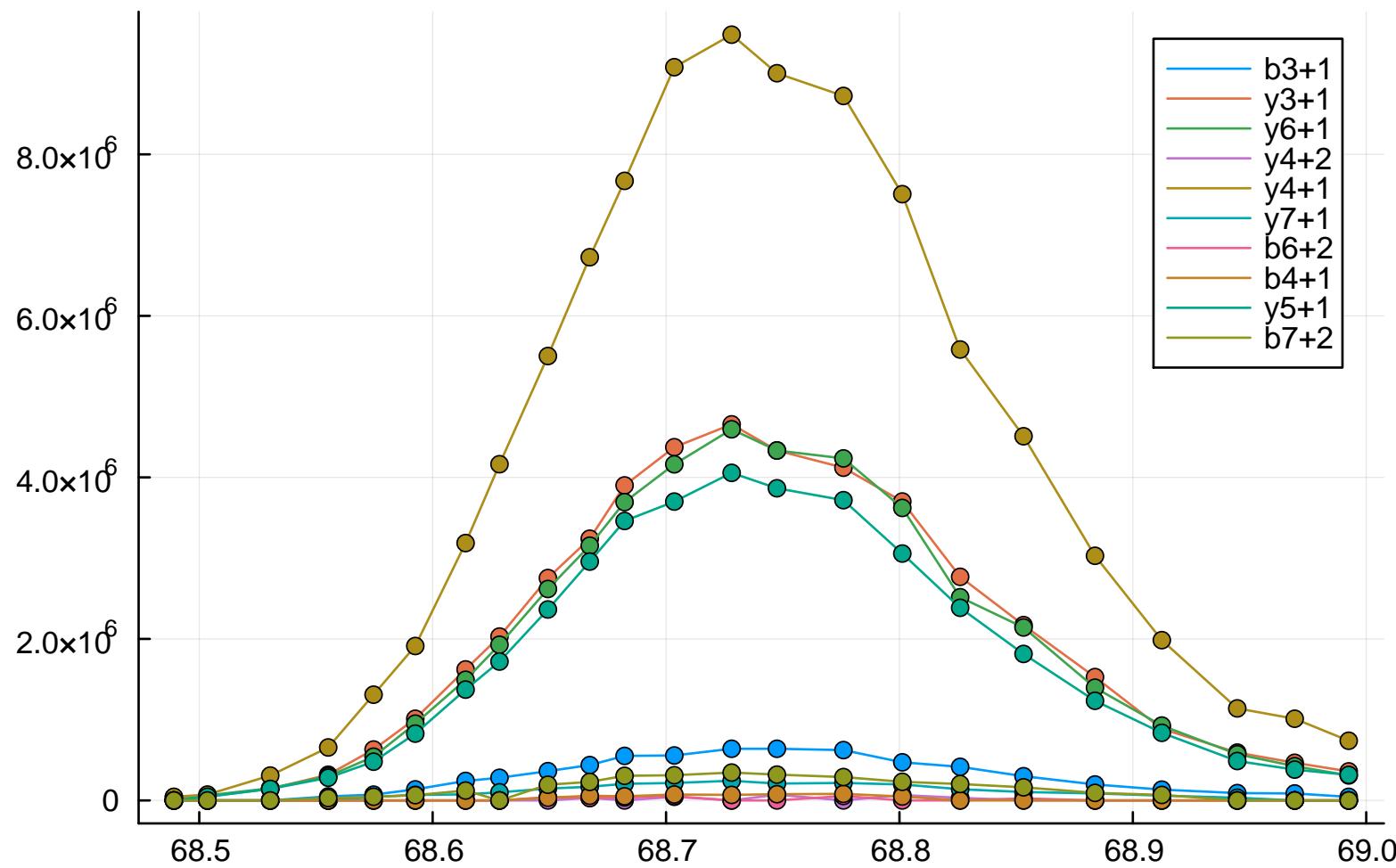
STK3- VPQDGDFDFLK[Hlys]



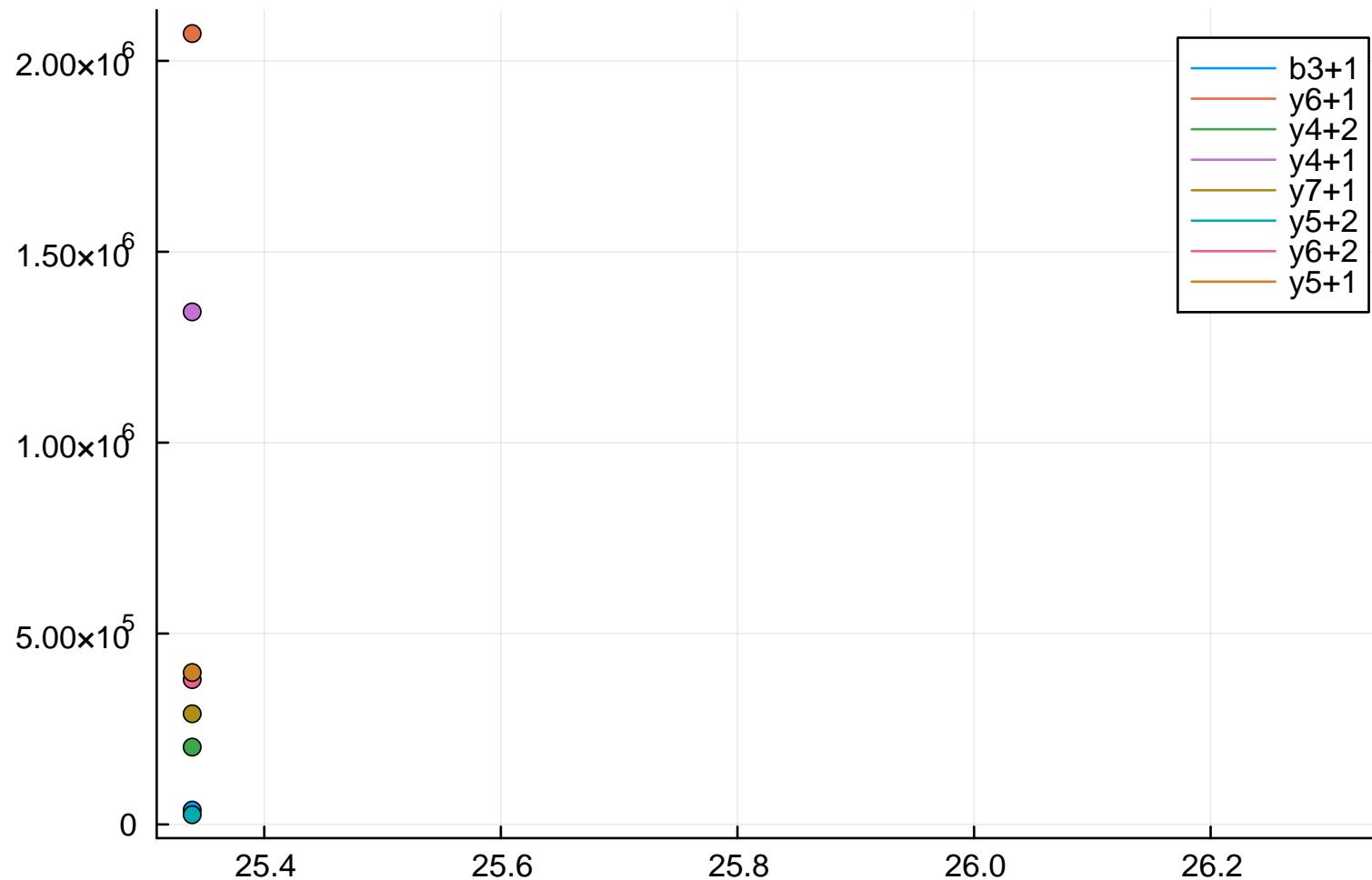
STK32B- ALMPGFVPNK[Hlys]



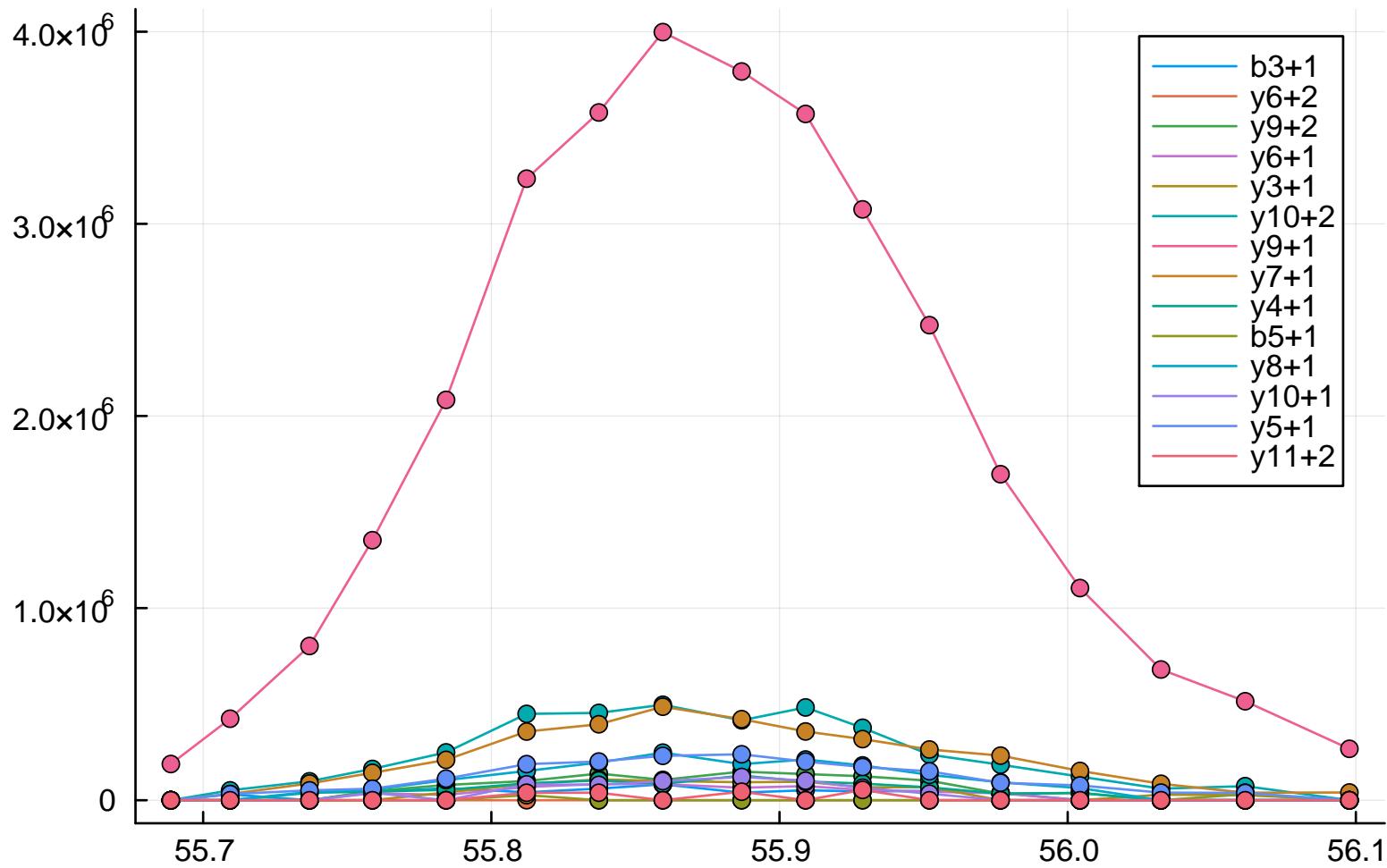
STK32B- EEFIIIFNR[Harg]



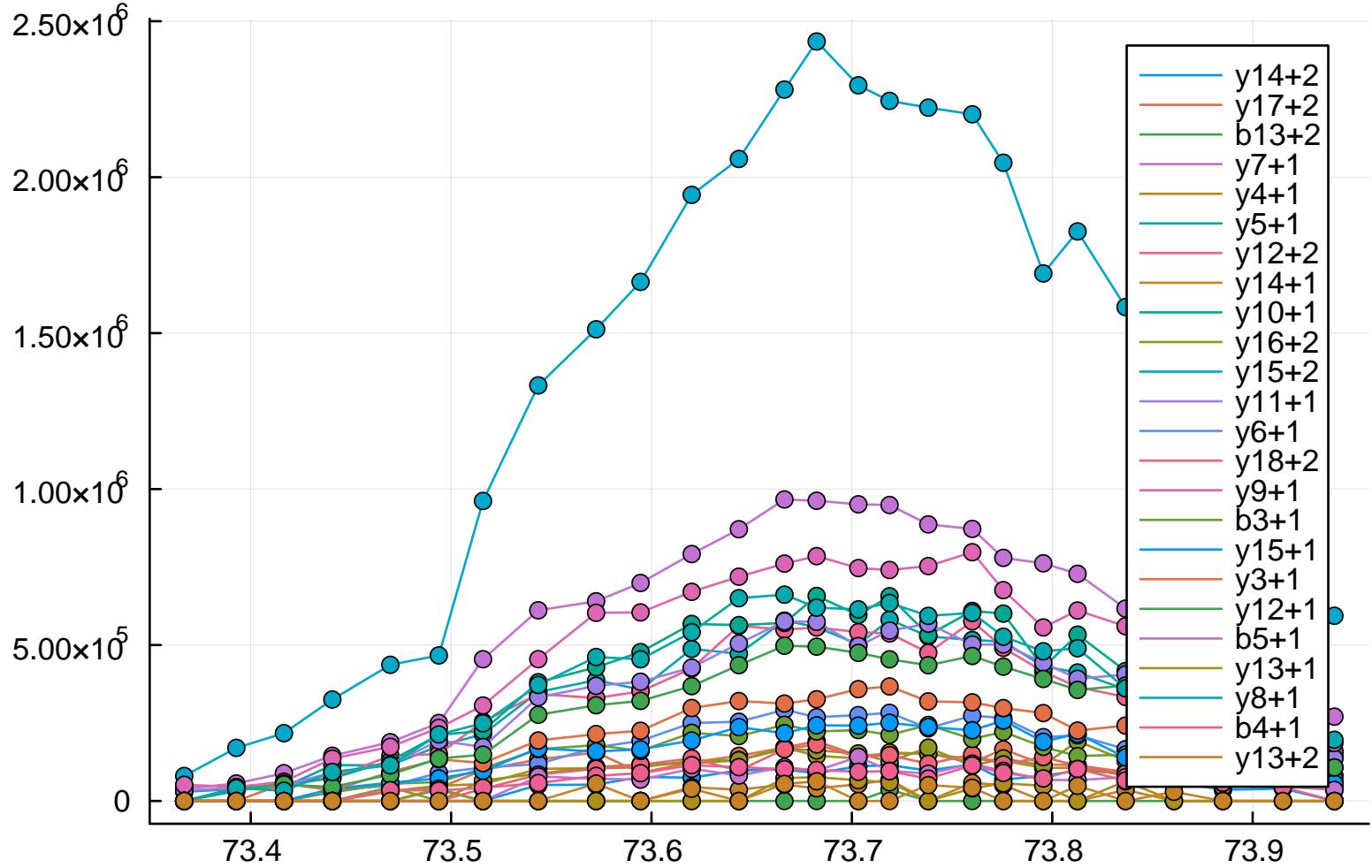
STK32C- EPLPAPESR[Harg]



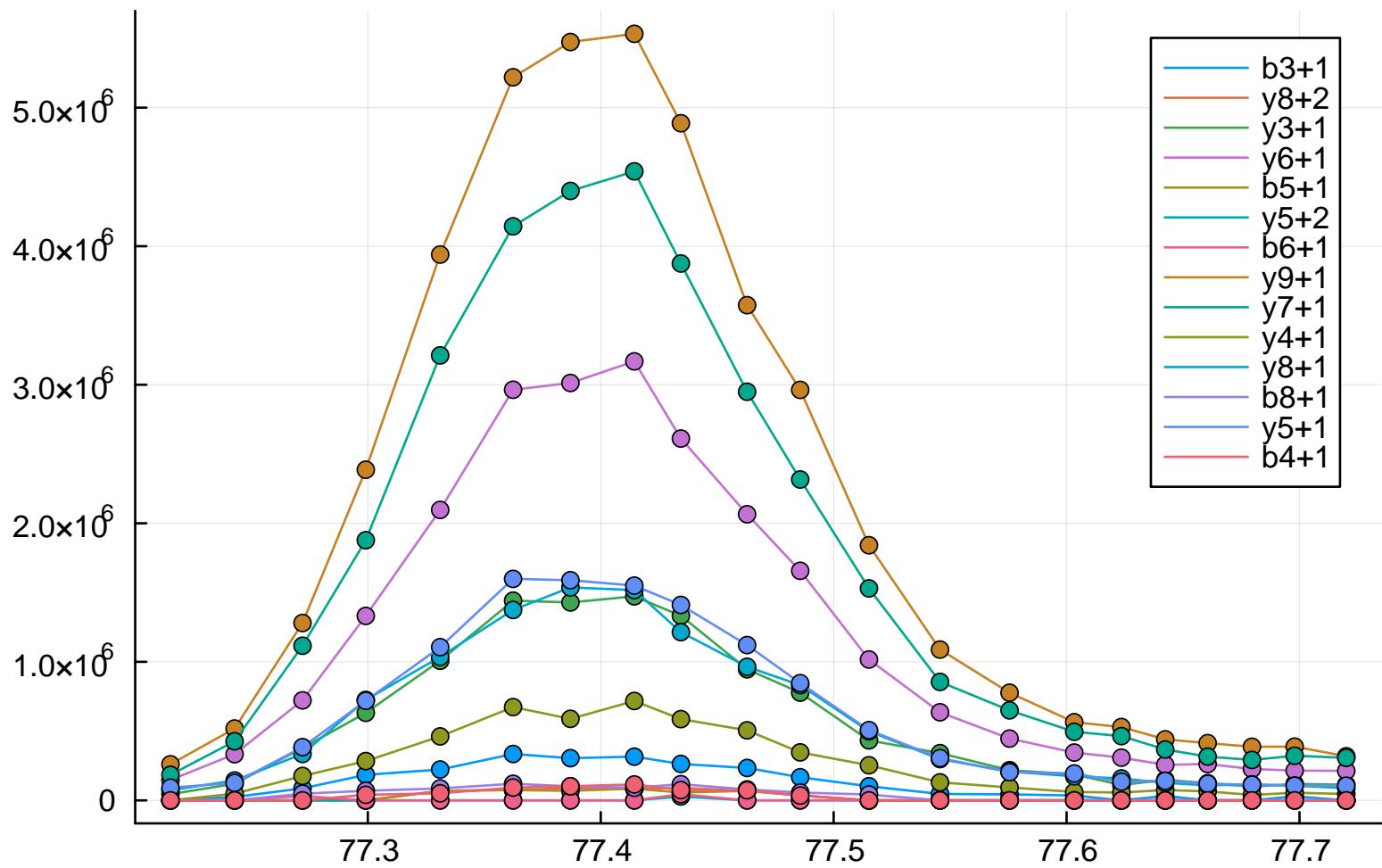
STK35- DLKP DN ILITER[Harg]



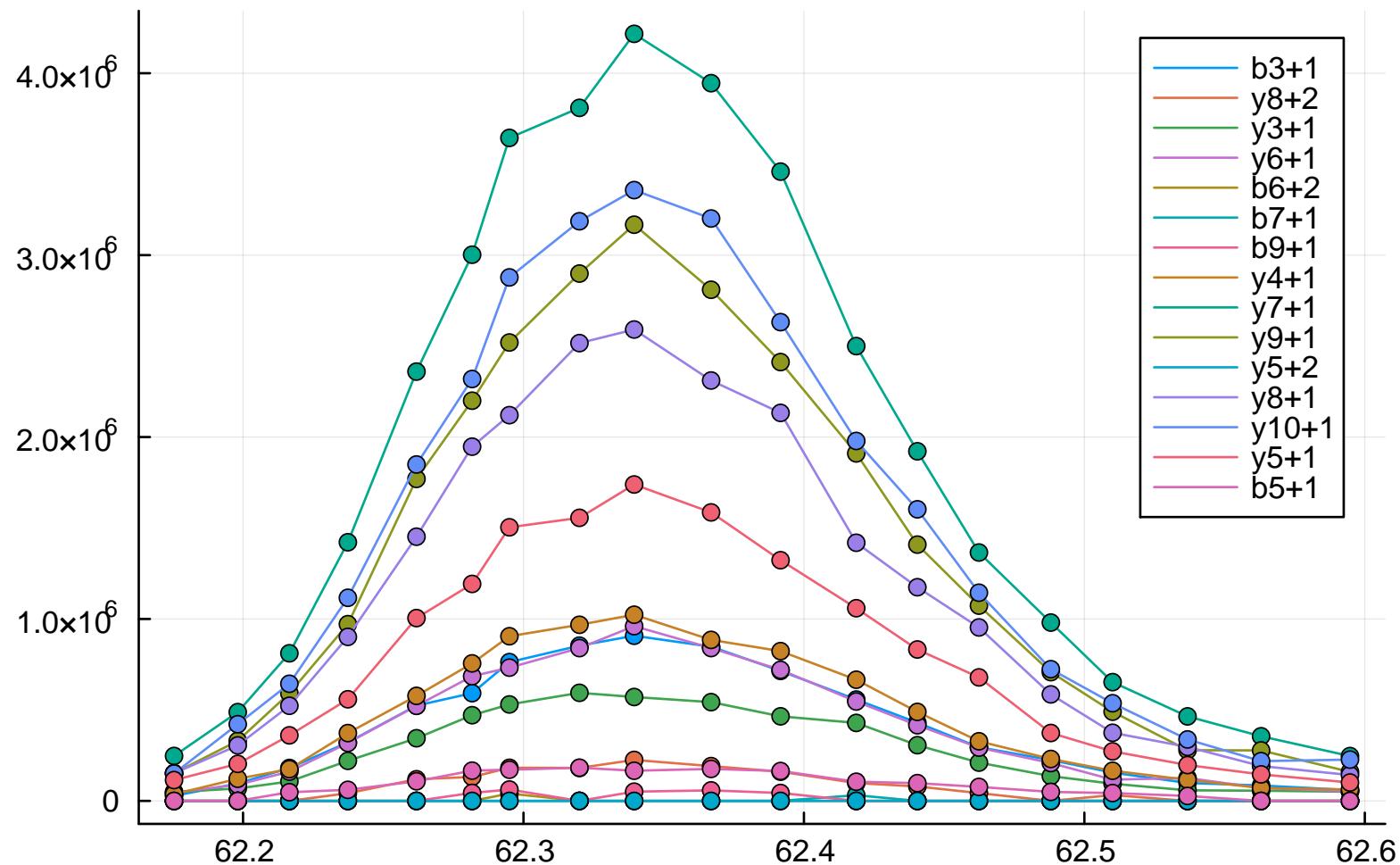
STK36- SLQQEPEGIHQVLVSLGASEK[H]lys



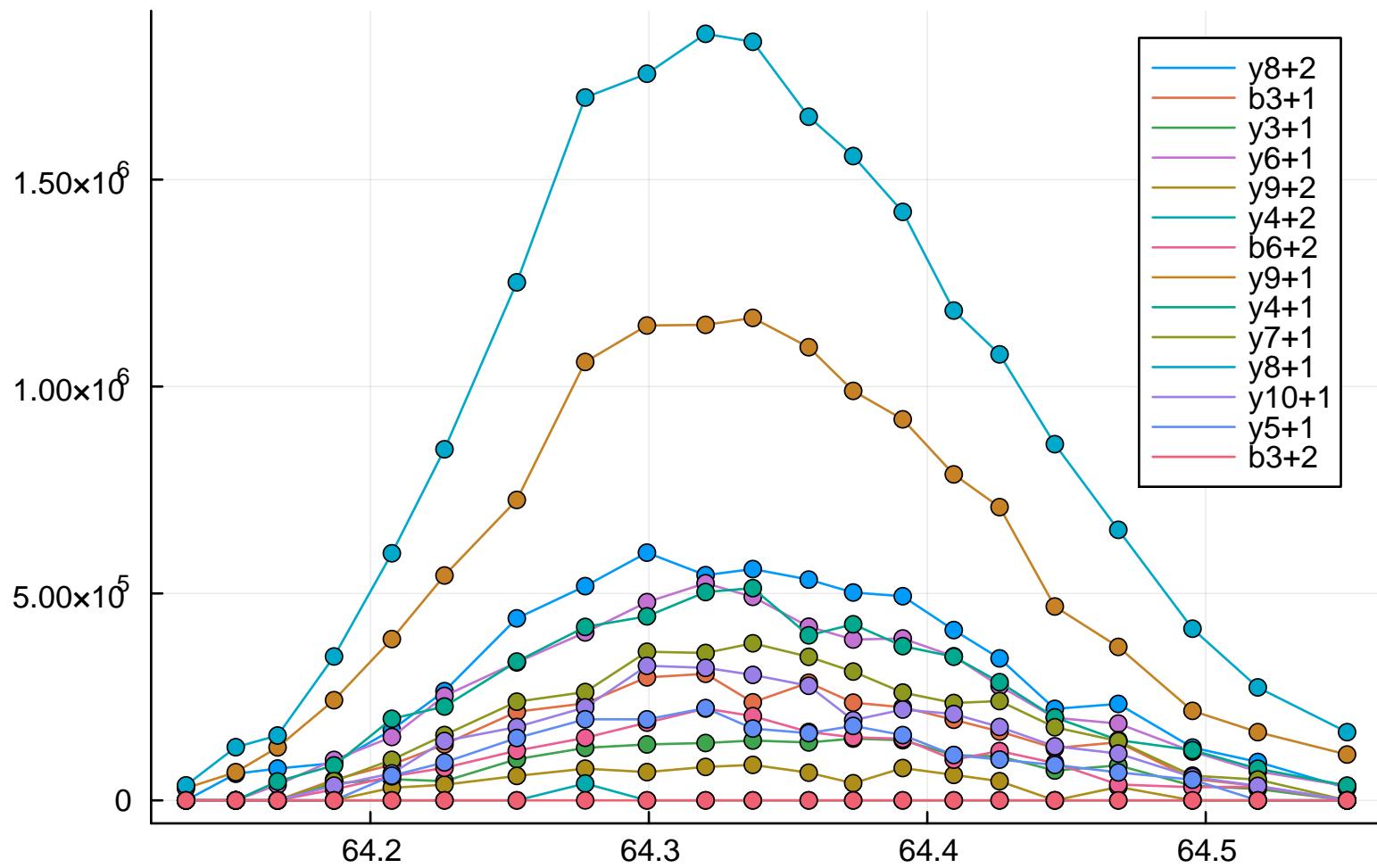
STK38- LGLEDFESLK[Hlys]



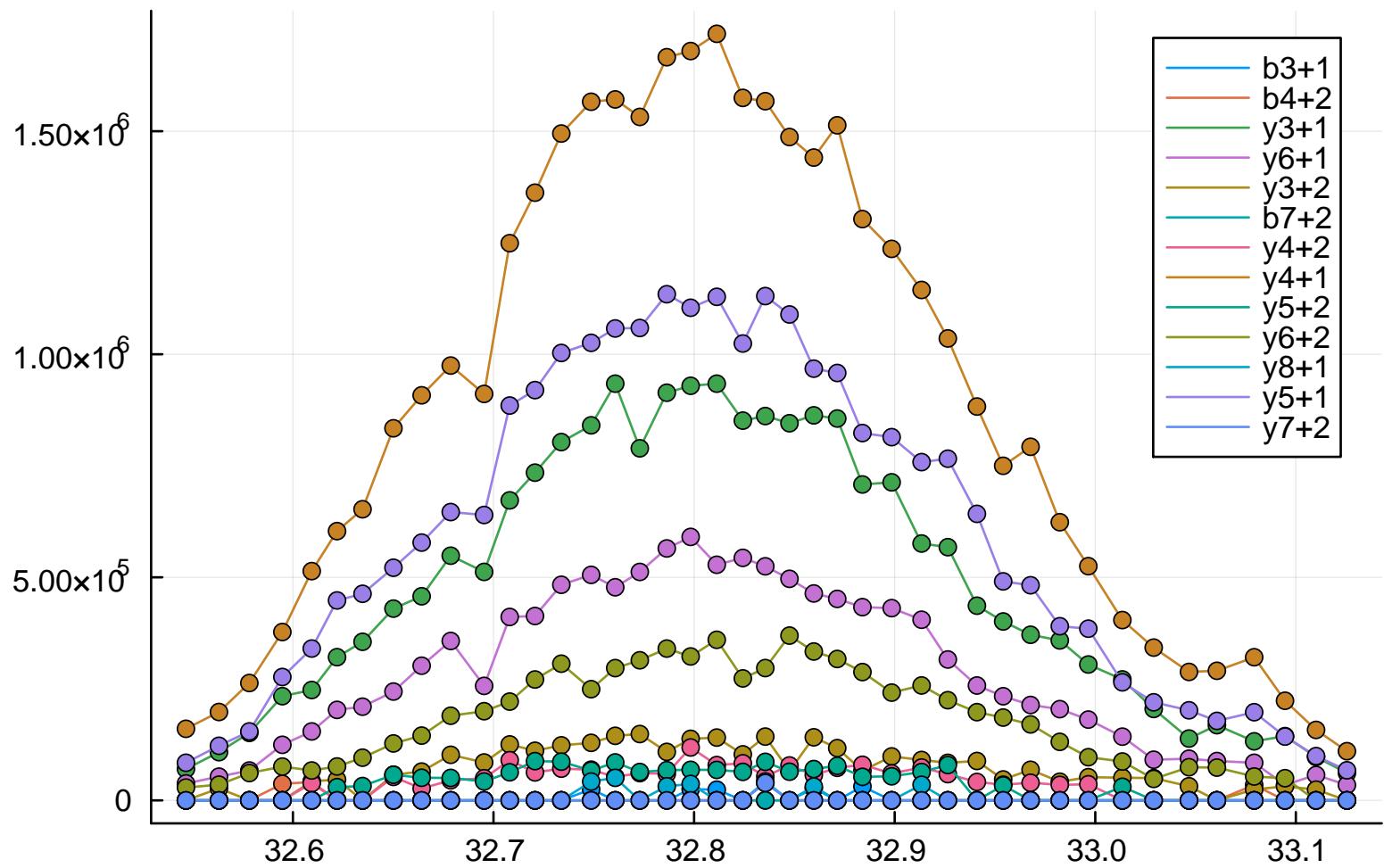
STK38- LSDFGLC[Carb]TGLK[Hlys]



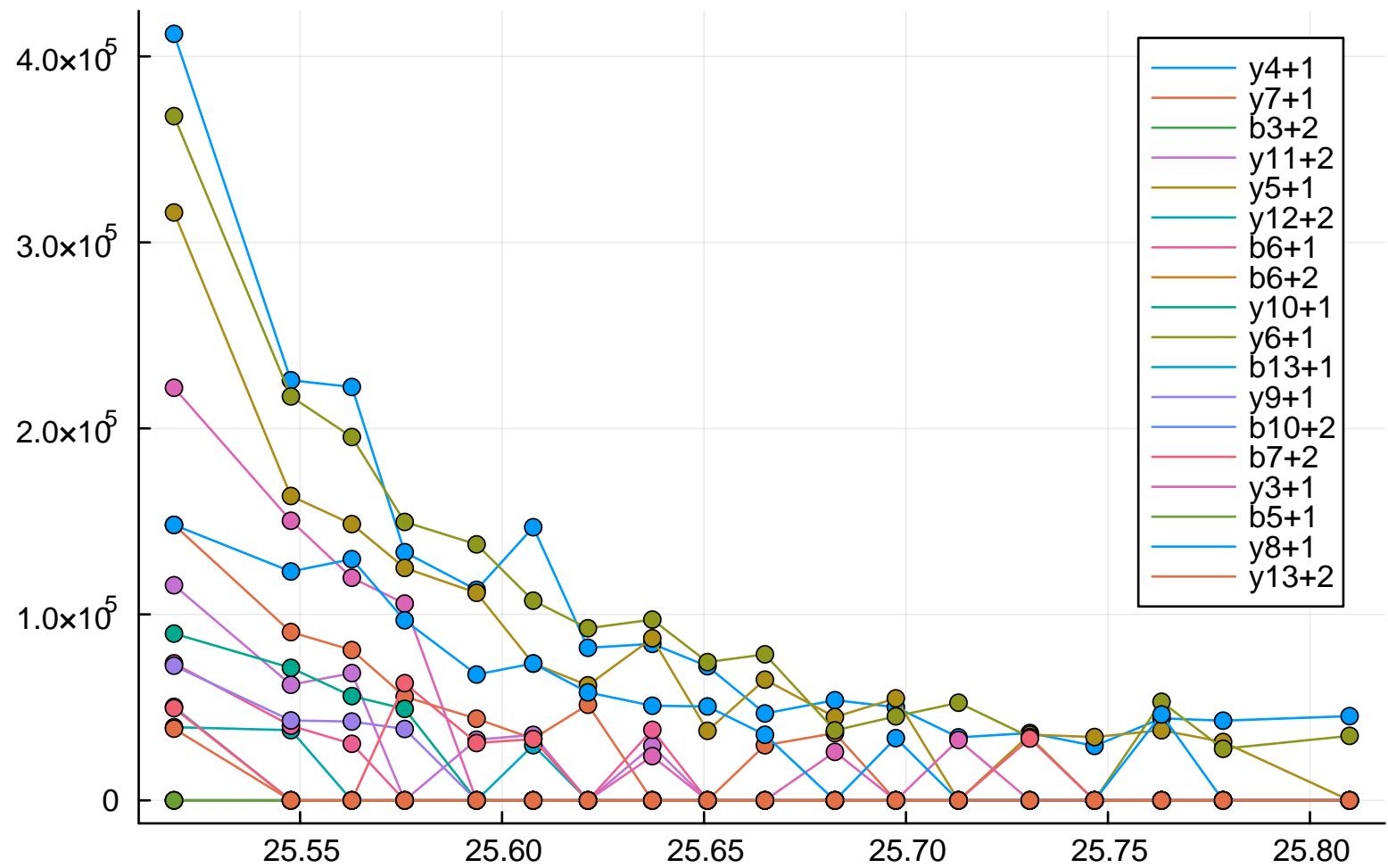
SYK-WYAPEC[Carb]INYYK[Hlys]



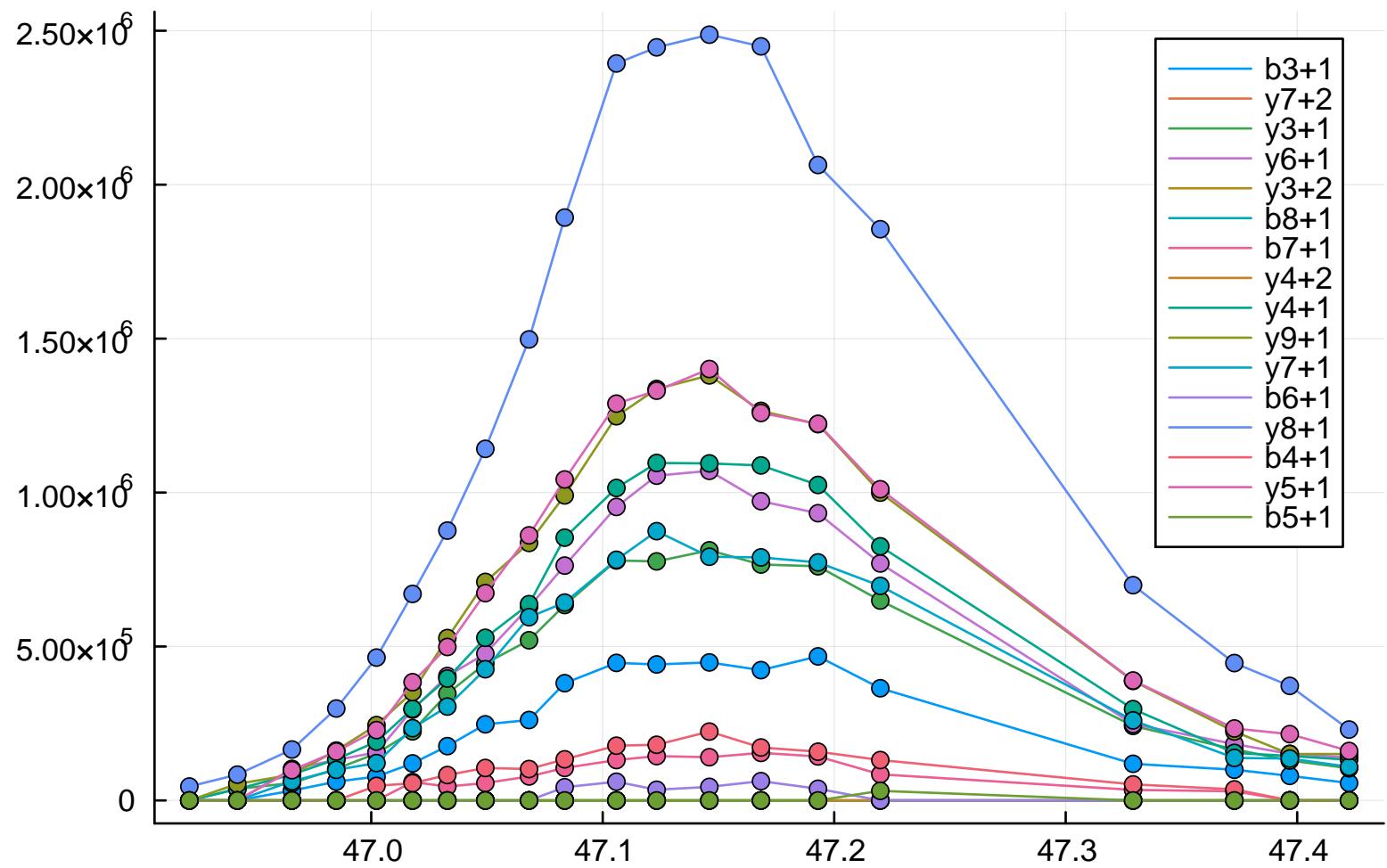
TANK- SLGSPLLHER[Harg]



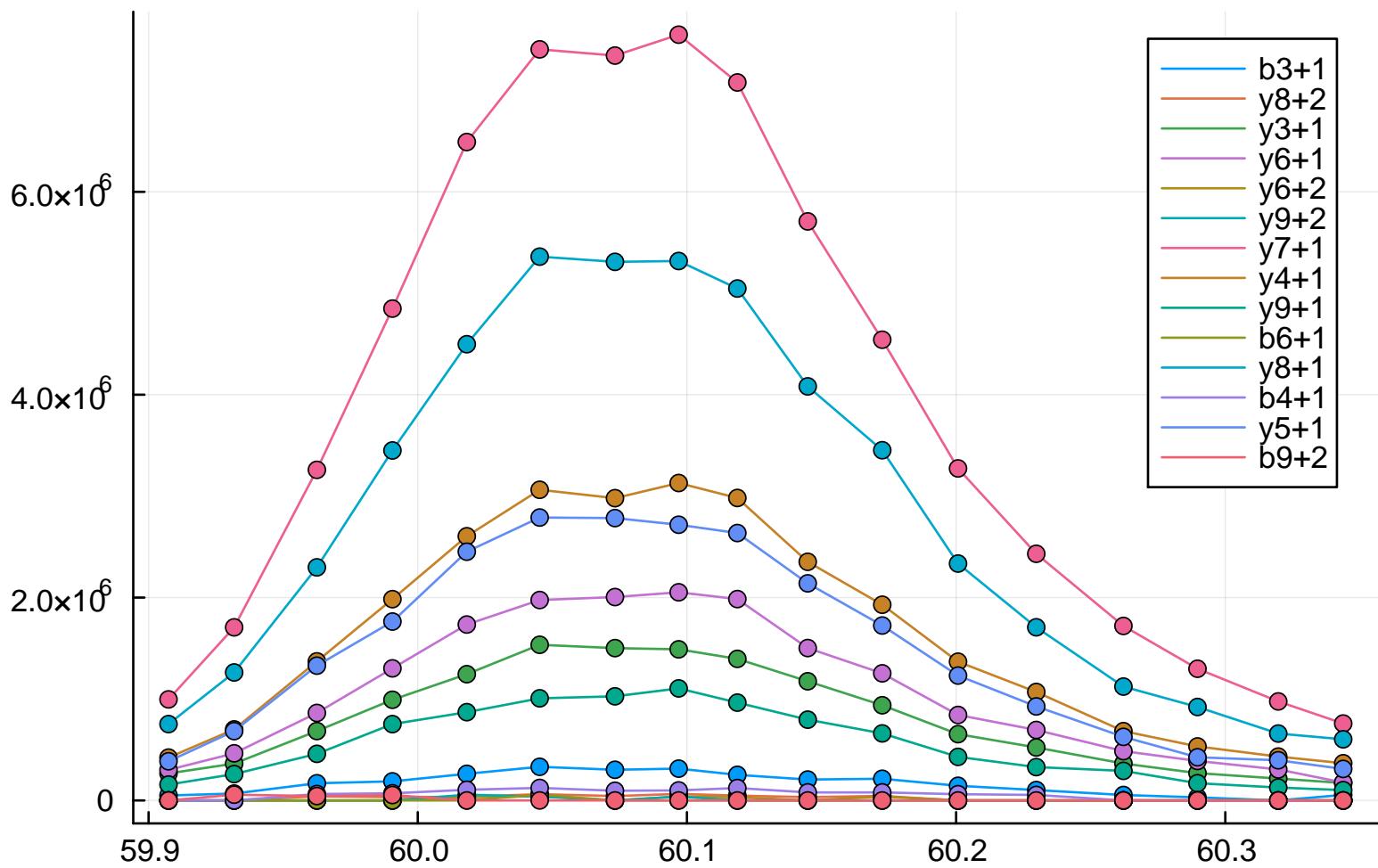
TAOK3- EVETHANNSSIELEK[Hlys]



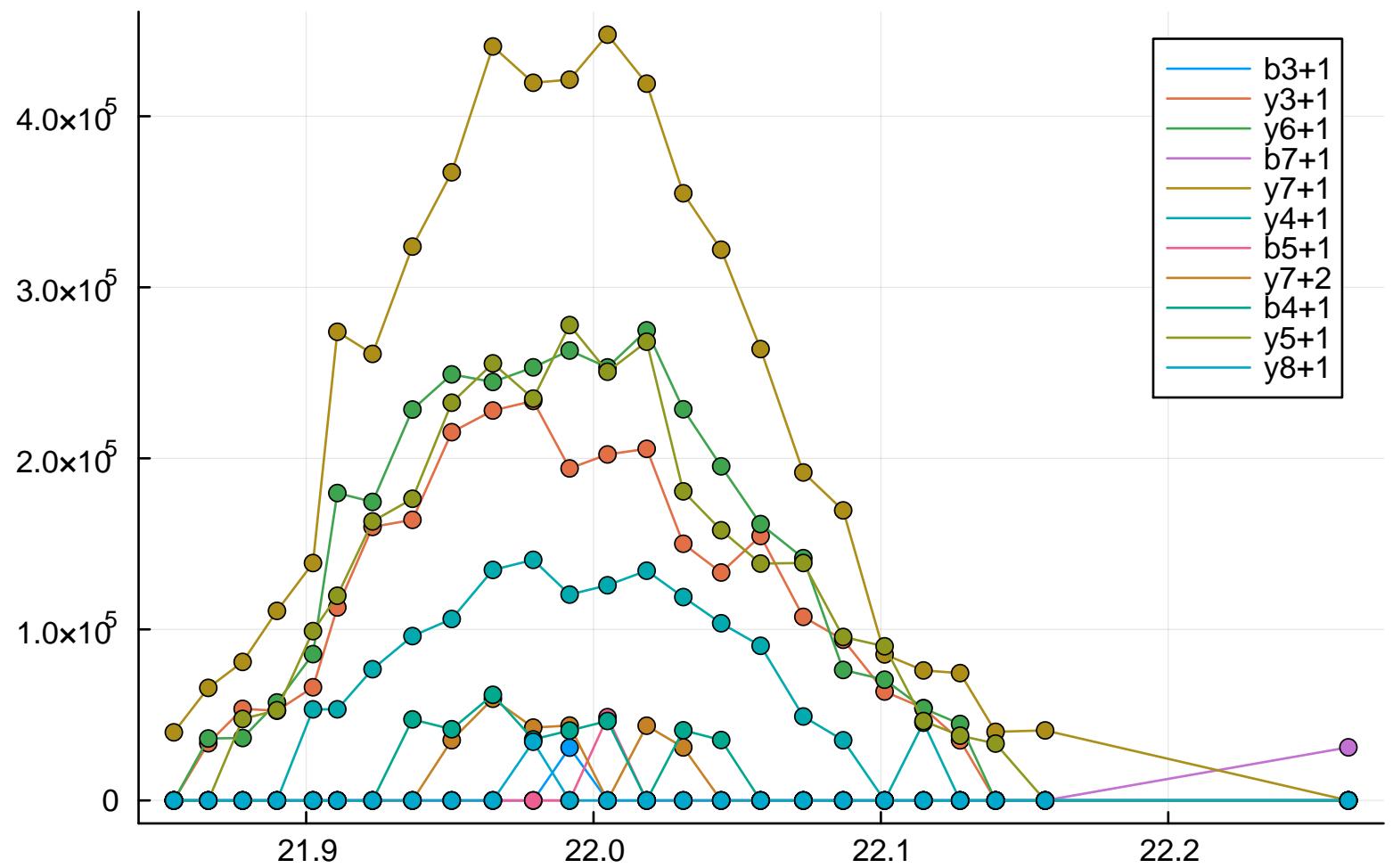
TAOK3- IEEELAALQK[H]lys



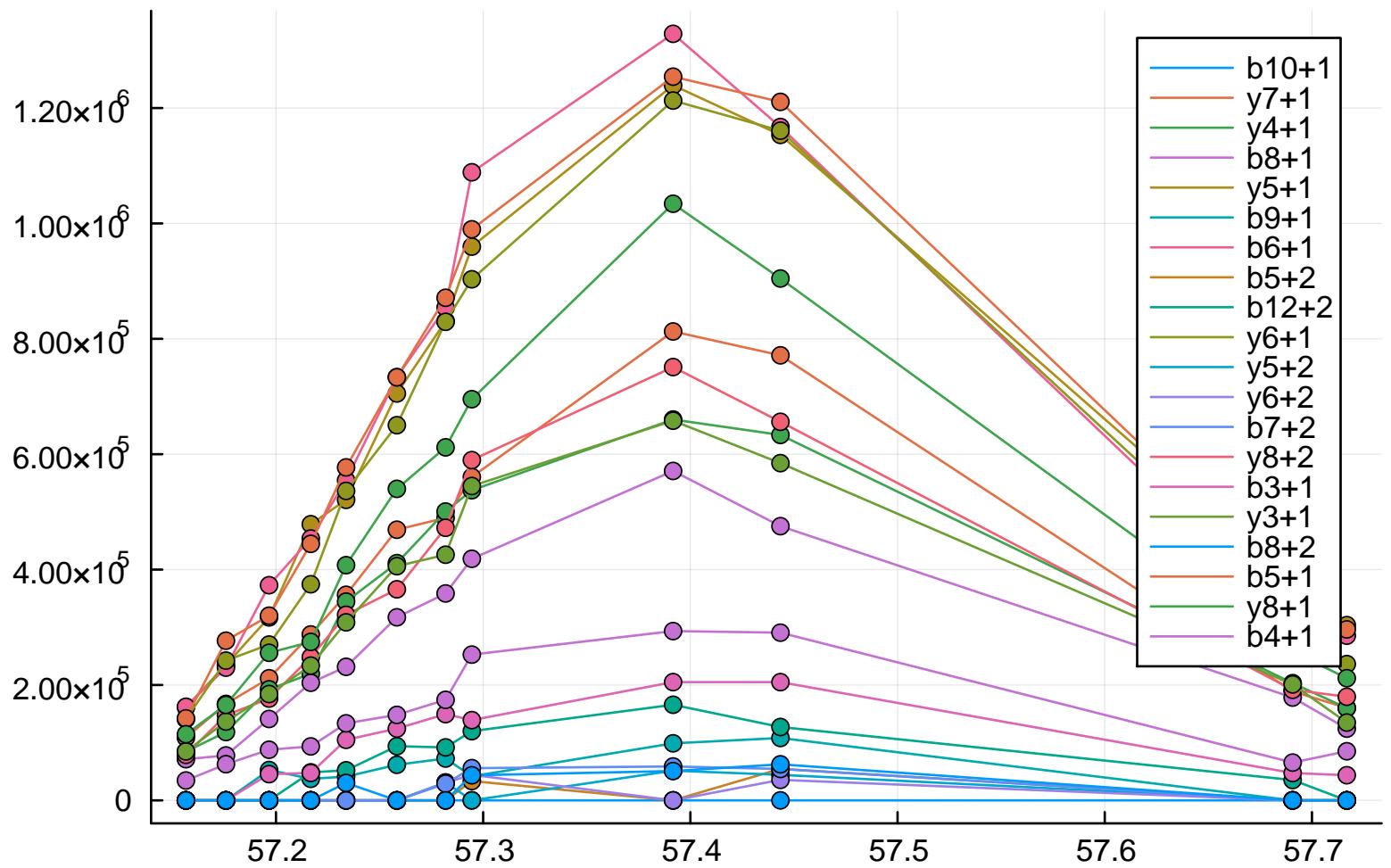
TBCK- LFQSLDISER[Harg]



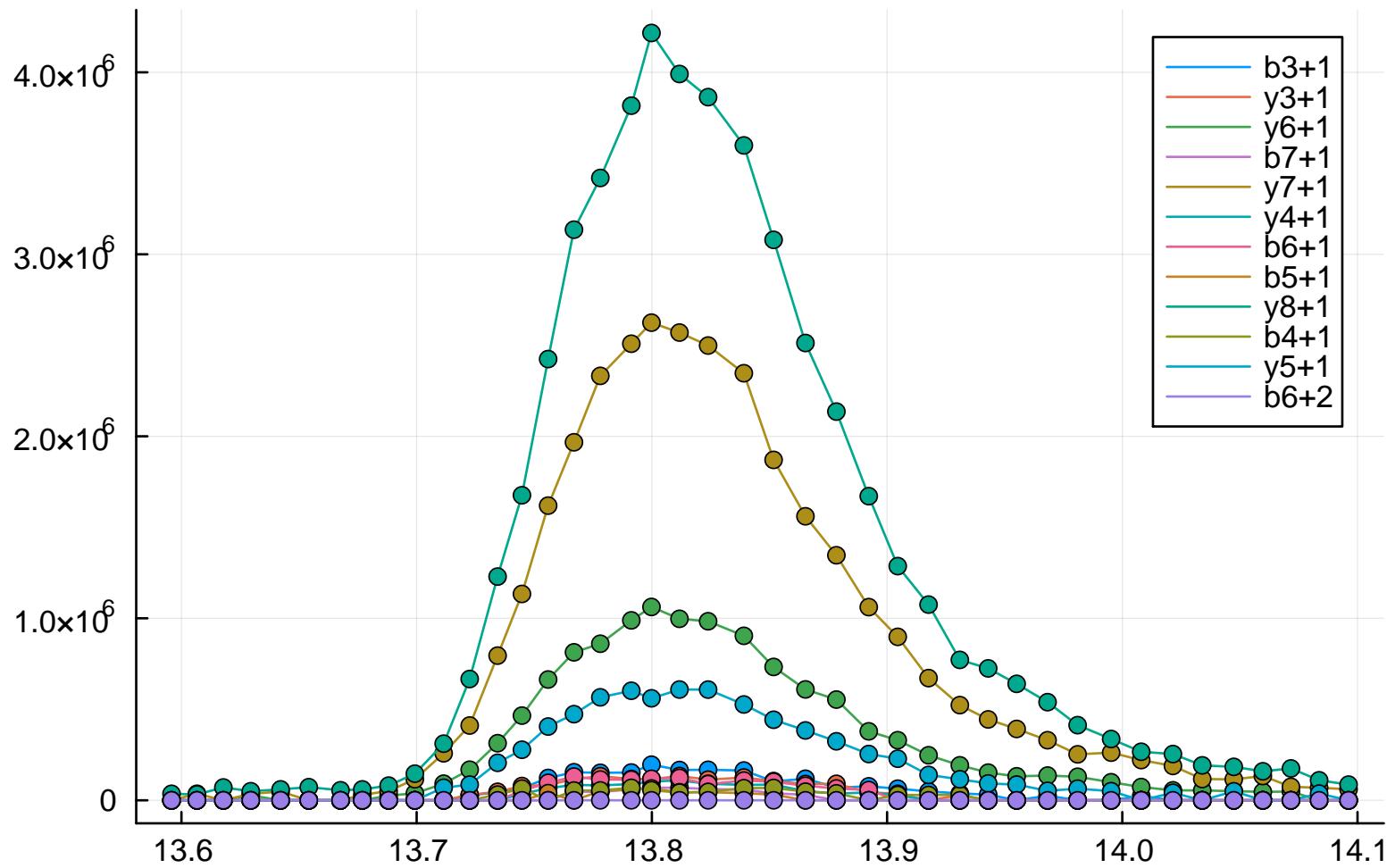
TBK1- LAYNEEQIHK[Hlys]



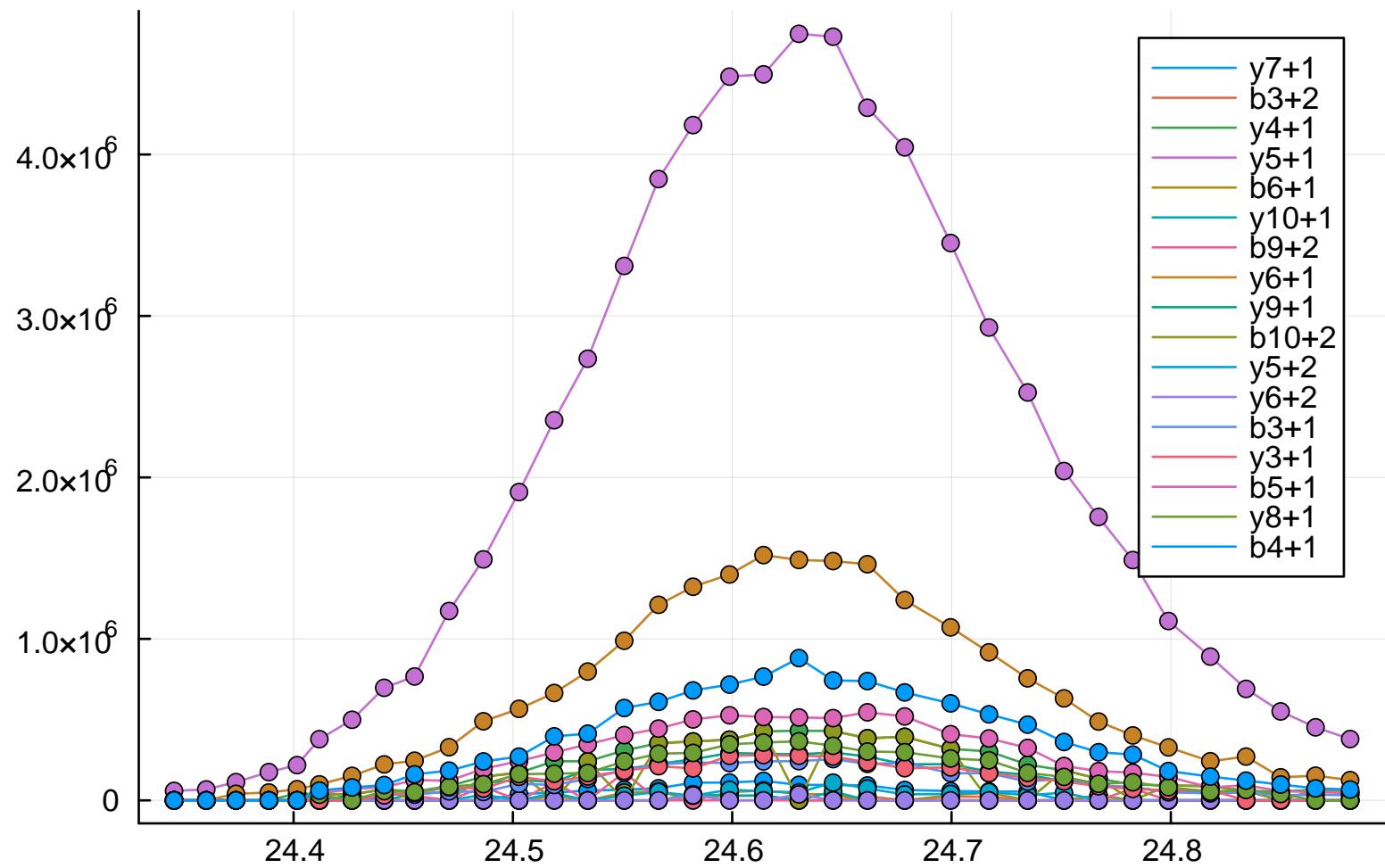
TEC- HAFGSIPEIIYEYHK[Hlys]



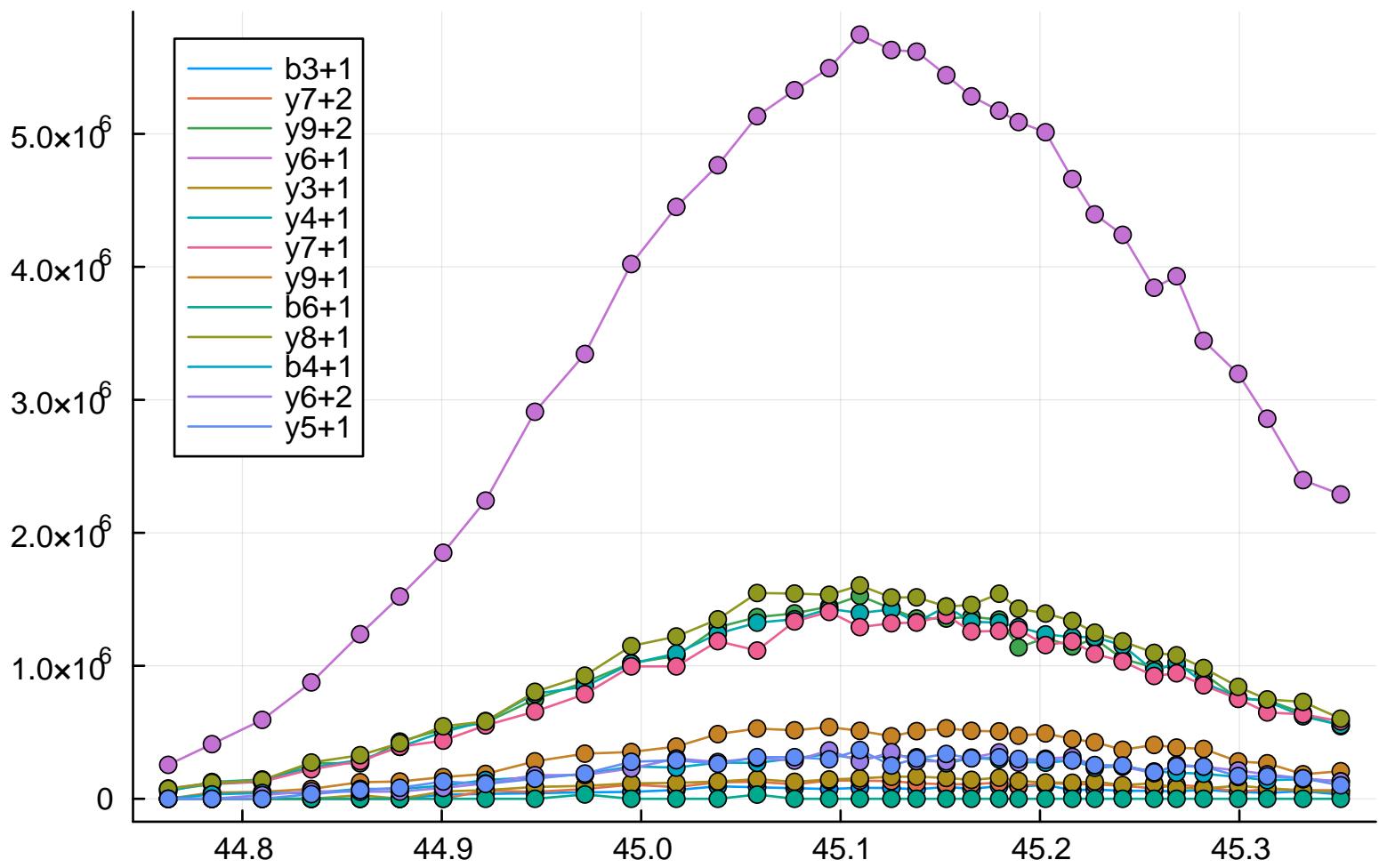
TEC- HNAAGLVTR[Harg]



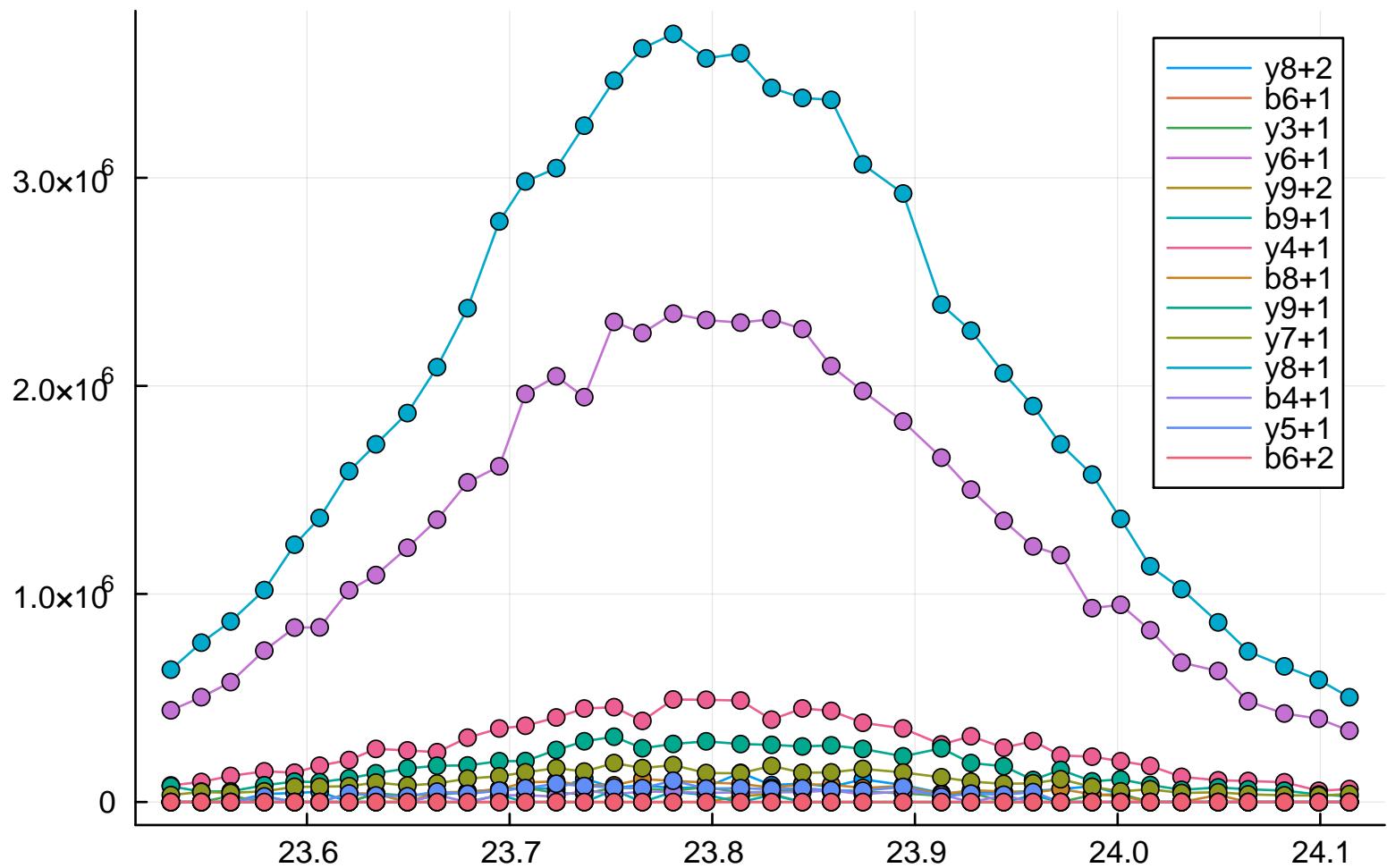
TEC- NDDGVIPC[Carb]QNK[Hlys]



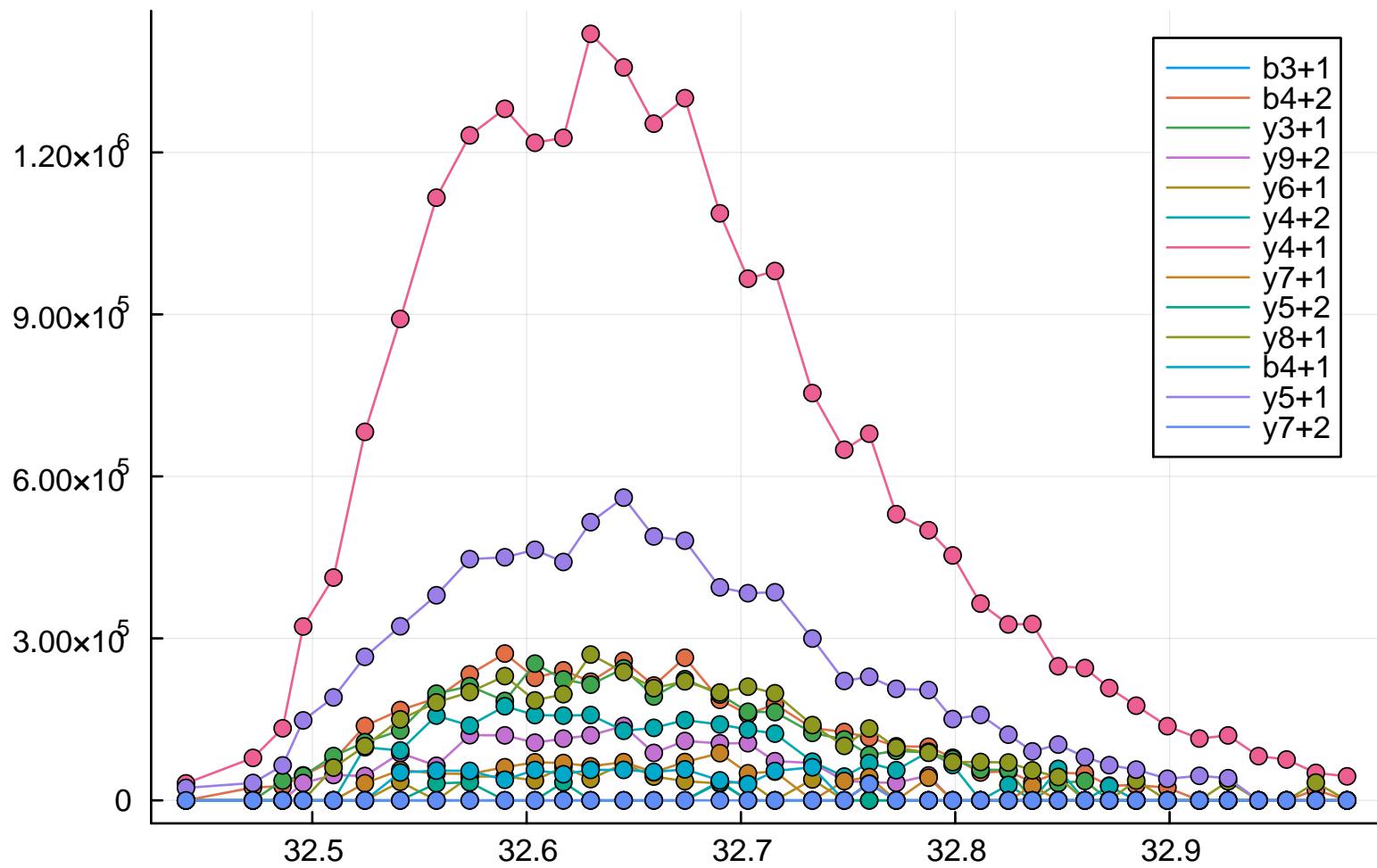
TESK1- VPADPDYLPR[Harg]



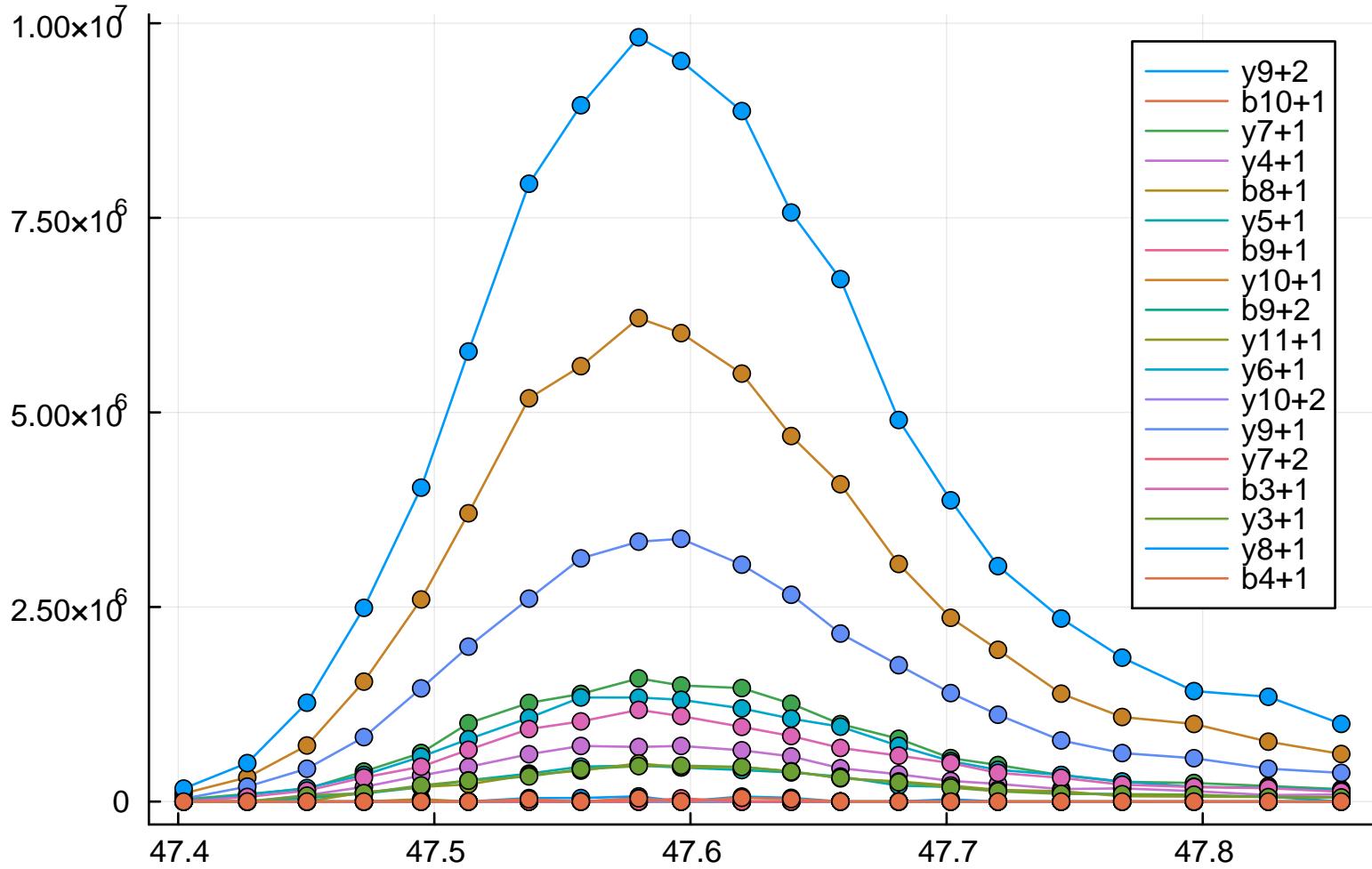
TNK1- HLPEPEGGLK[Hlys]



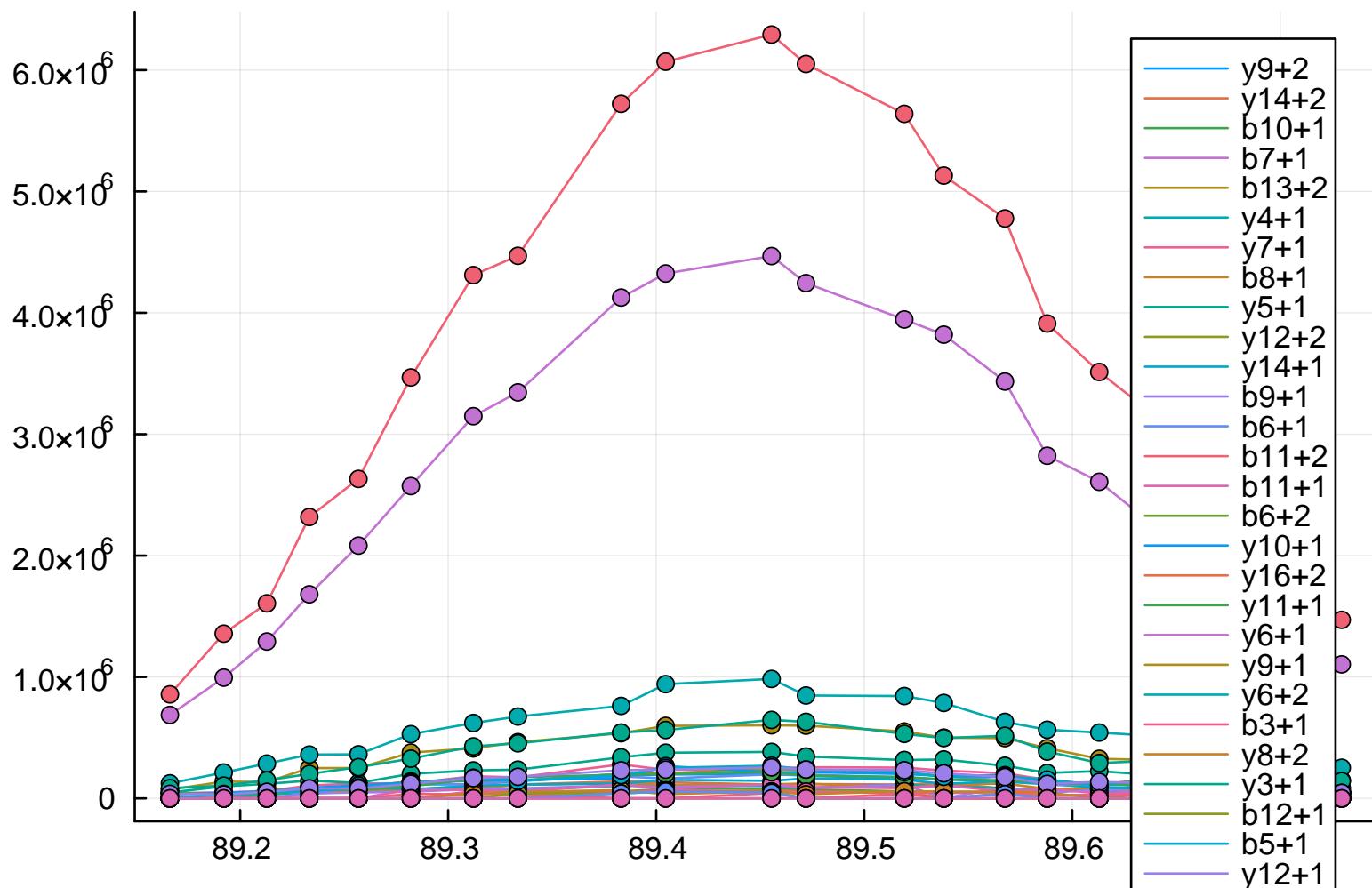
TNK1- ILGGFAPEHK[Hlys]



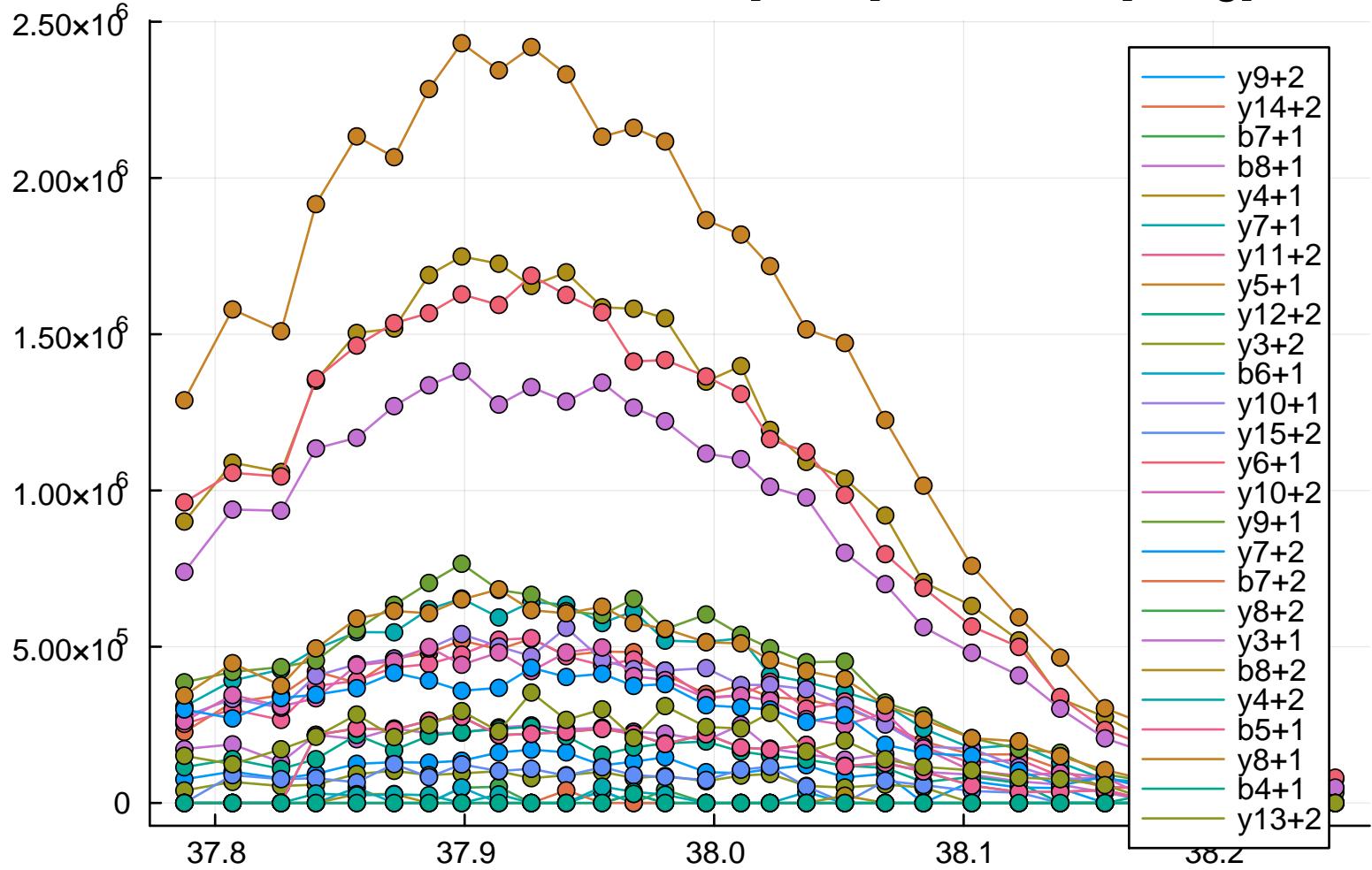
TTBK2- LLTVGTSEISSR[Harg]



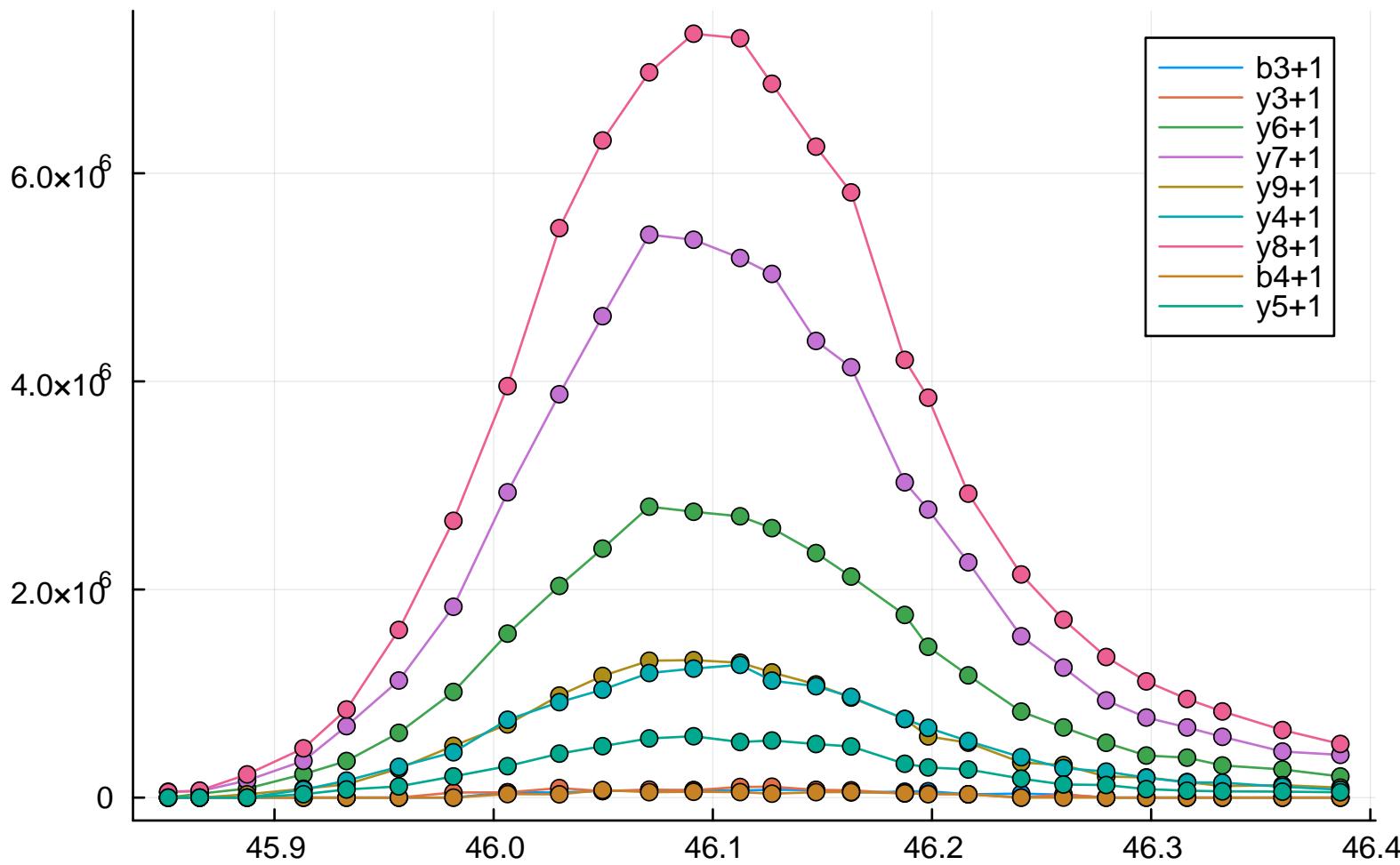
TTBK2- LTPAAIGIANATPIPGDLLR[Harg]



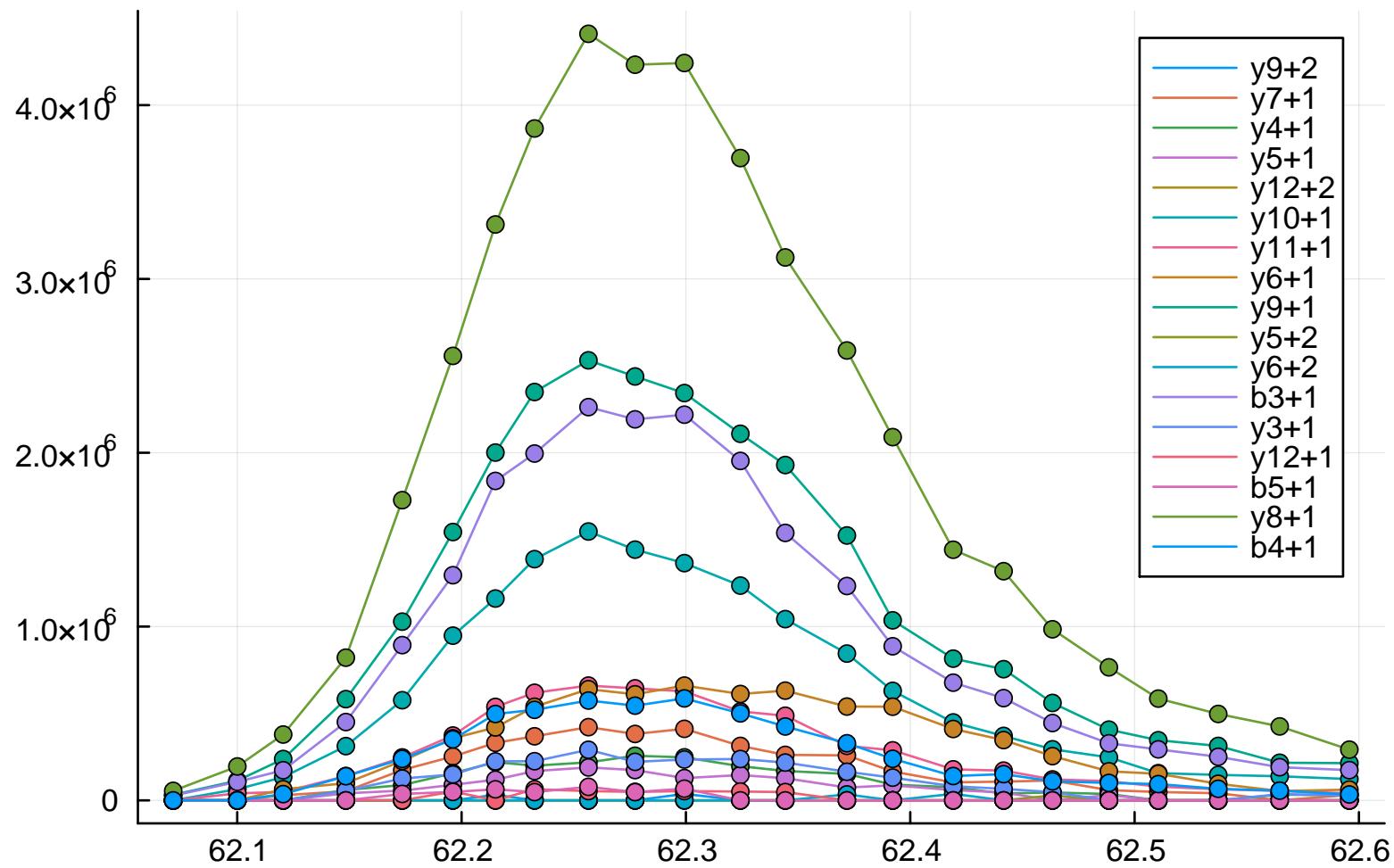
TYK2- LTADSSHYLC[Carb]HEVAPPR[Harg]



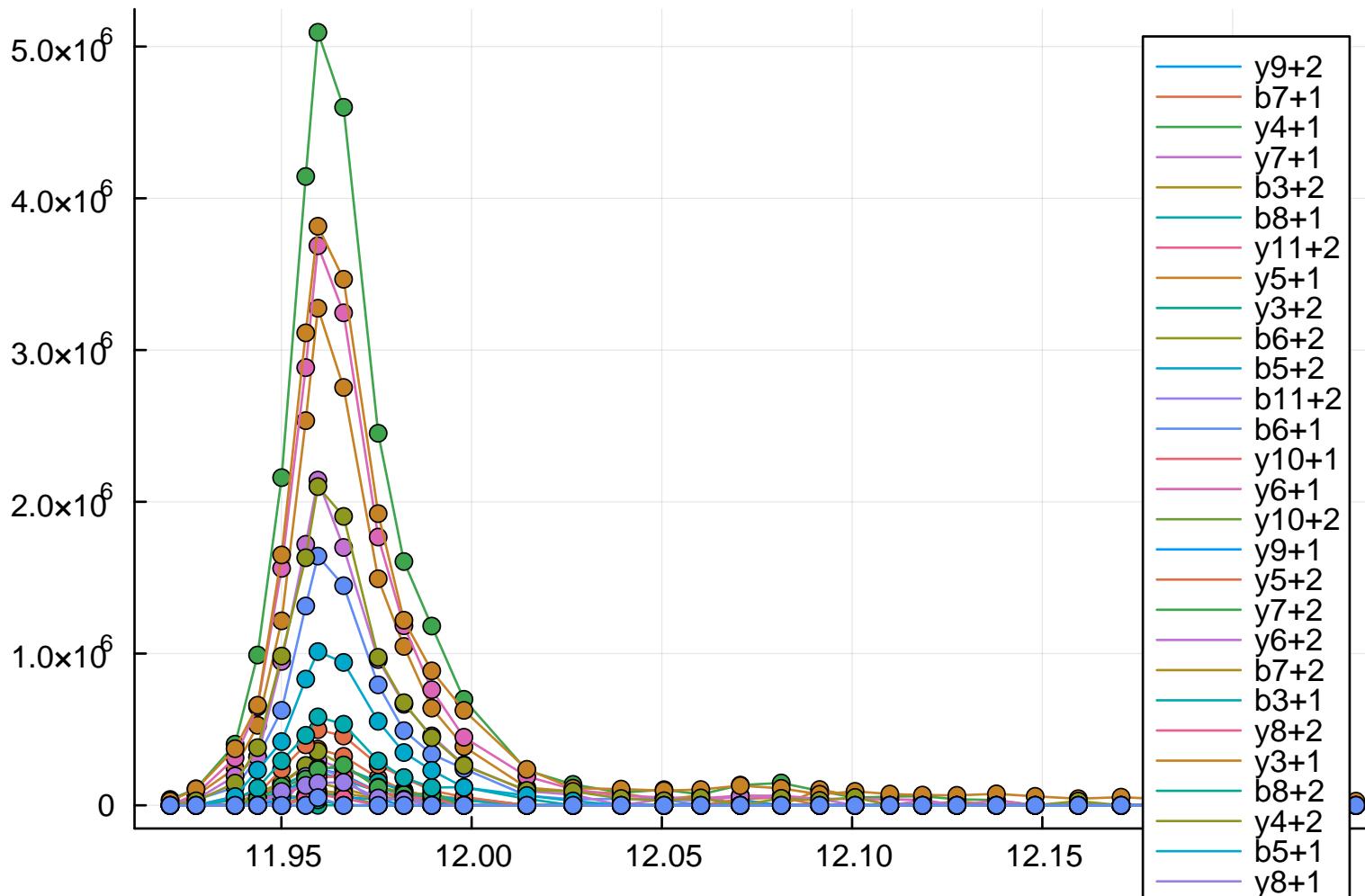
UCK1- LFVDTDSDVR[Harg]



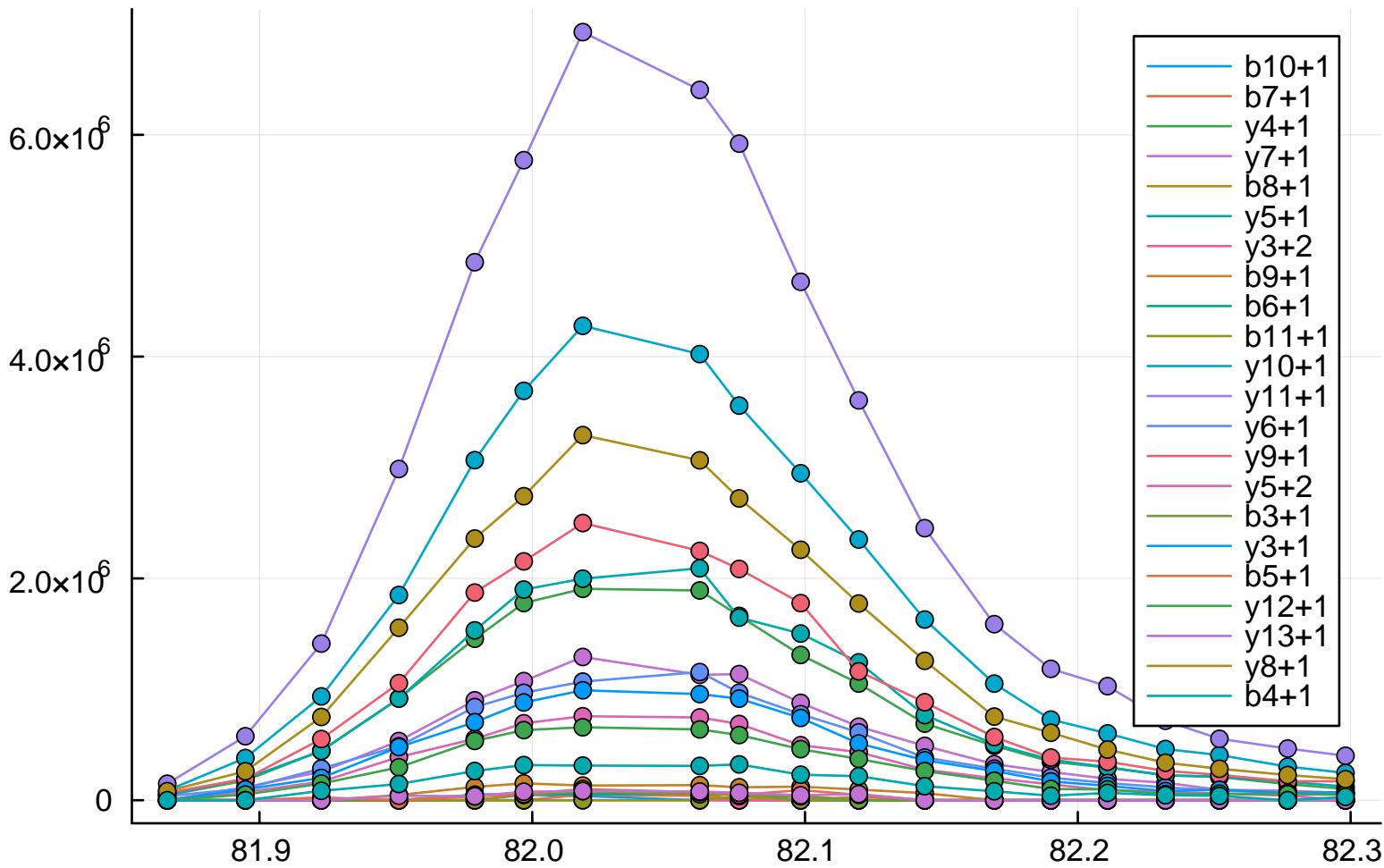
UCK2- IVQLLGQNEVDYR[Harg]



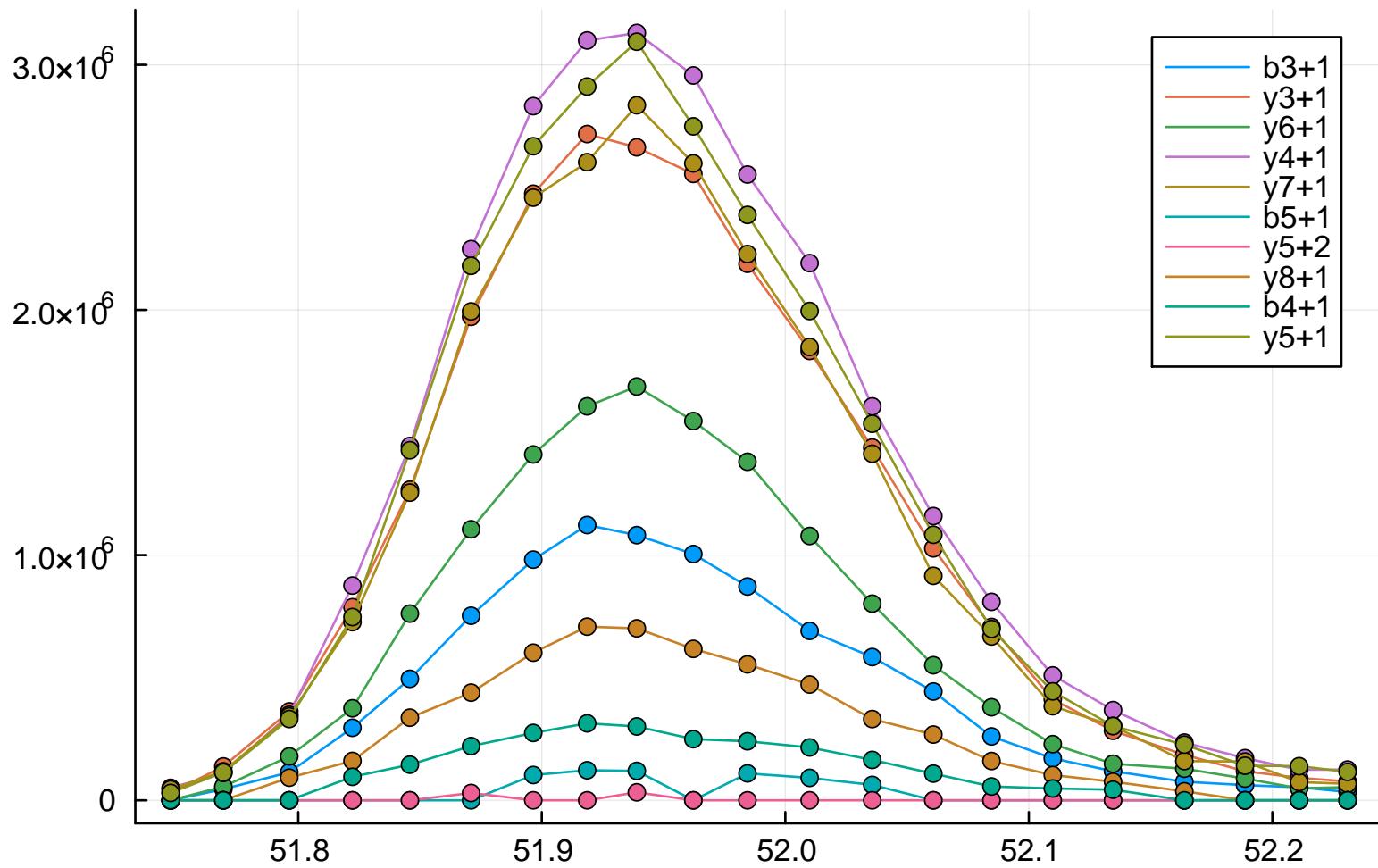
ULK1- SPRPGSSAPEHSPR[Harg]



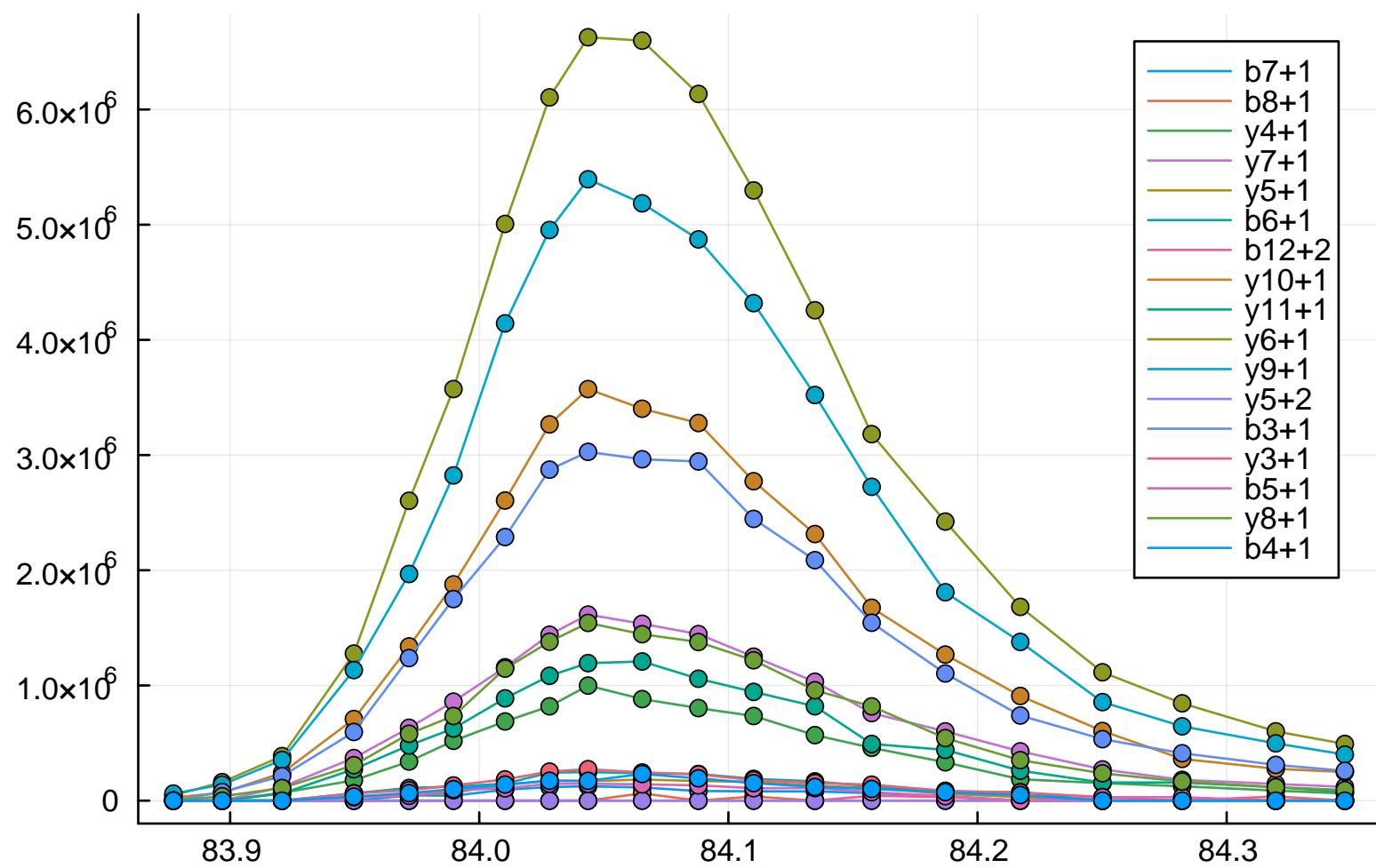
ULK4- ASVDSDSNLLALIR[Harg]



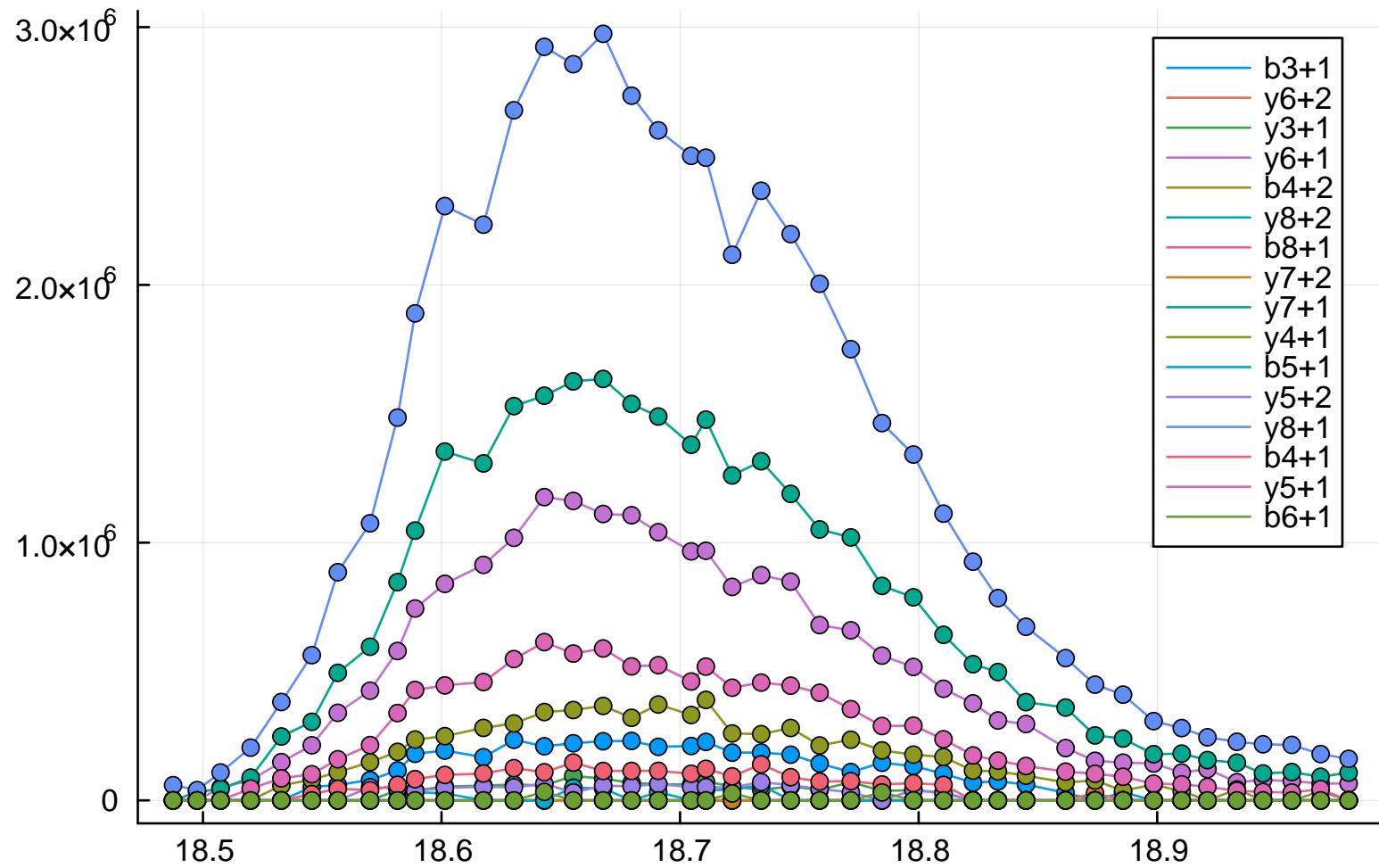
VRK2- AANLLLGYK[H]lys



VRK2- TNLLDELPQSVLK[Hlys]



WEE1- HSVLLSASR[Harg]



YES1- SDVWSFGILQTELVTK[Hlys]

