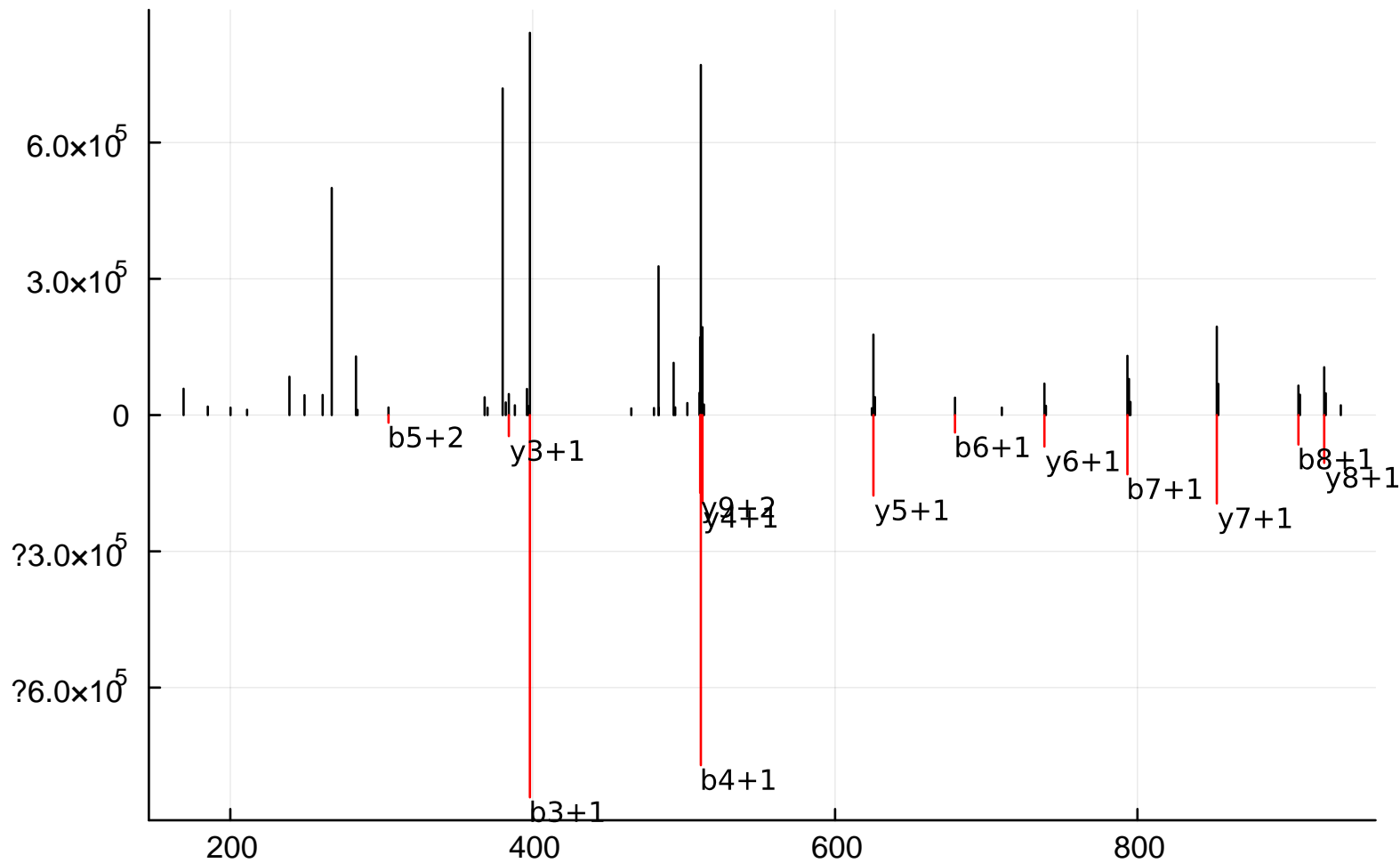# 6PGD- HEMLPANLIQAQR[Harg]
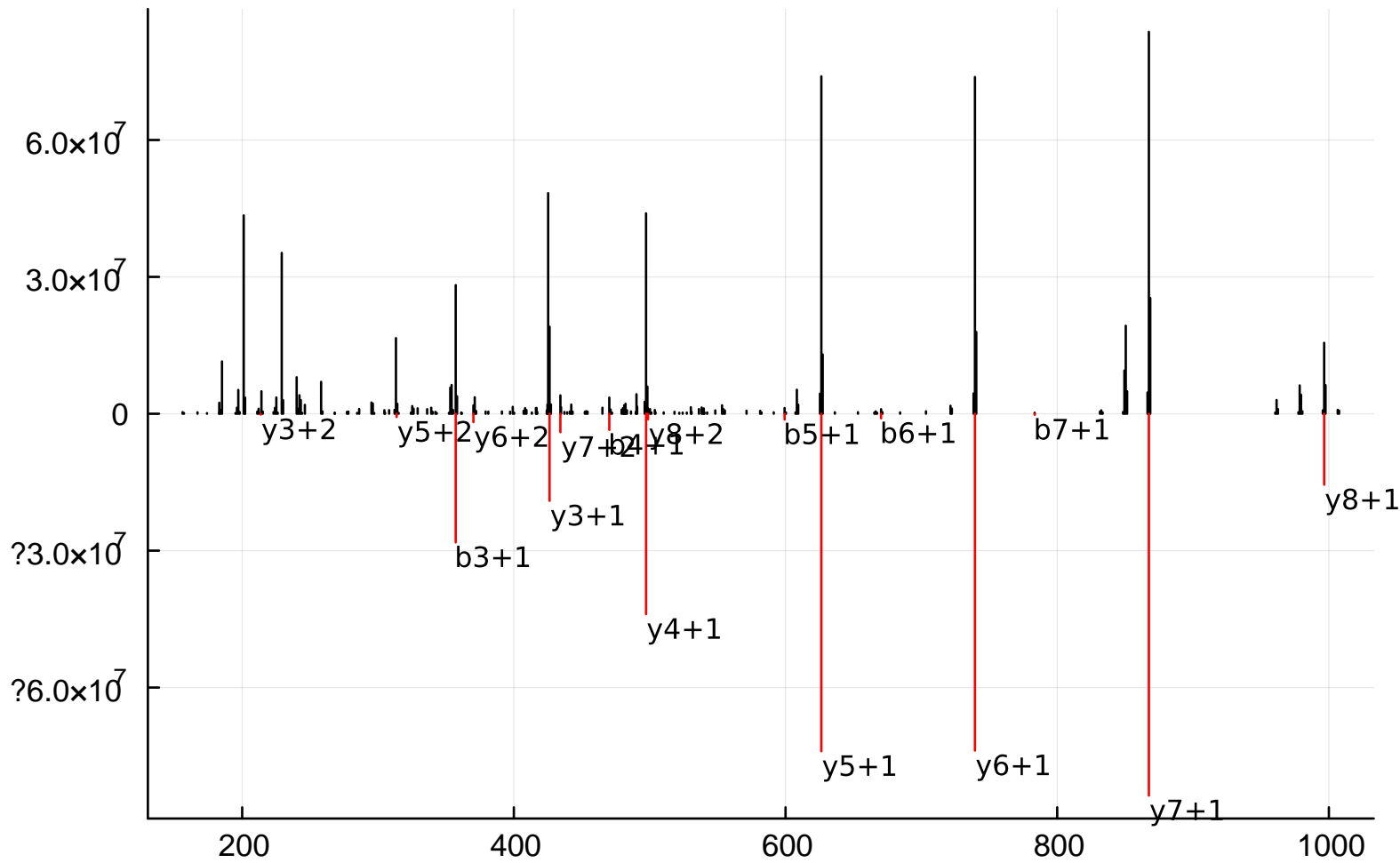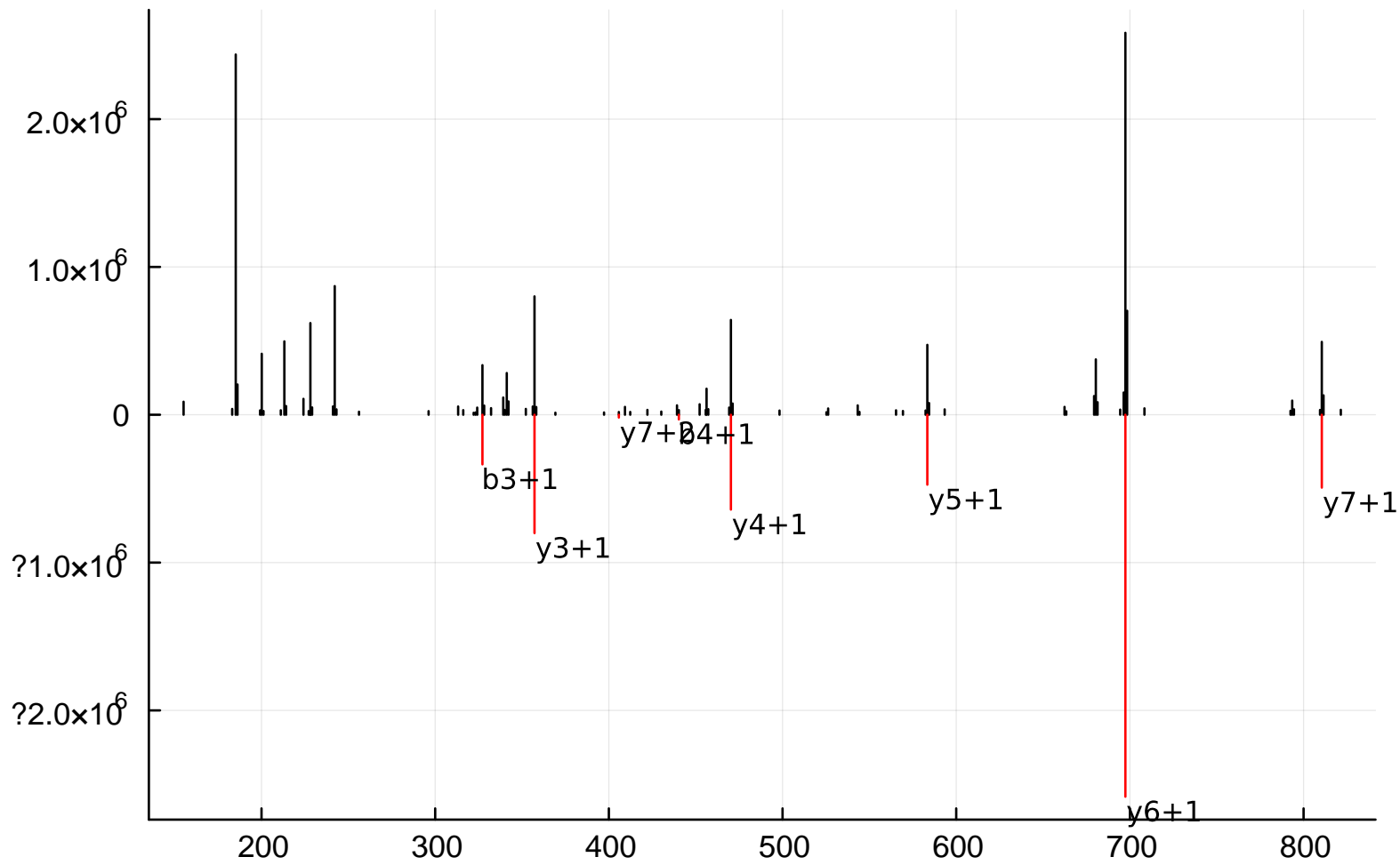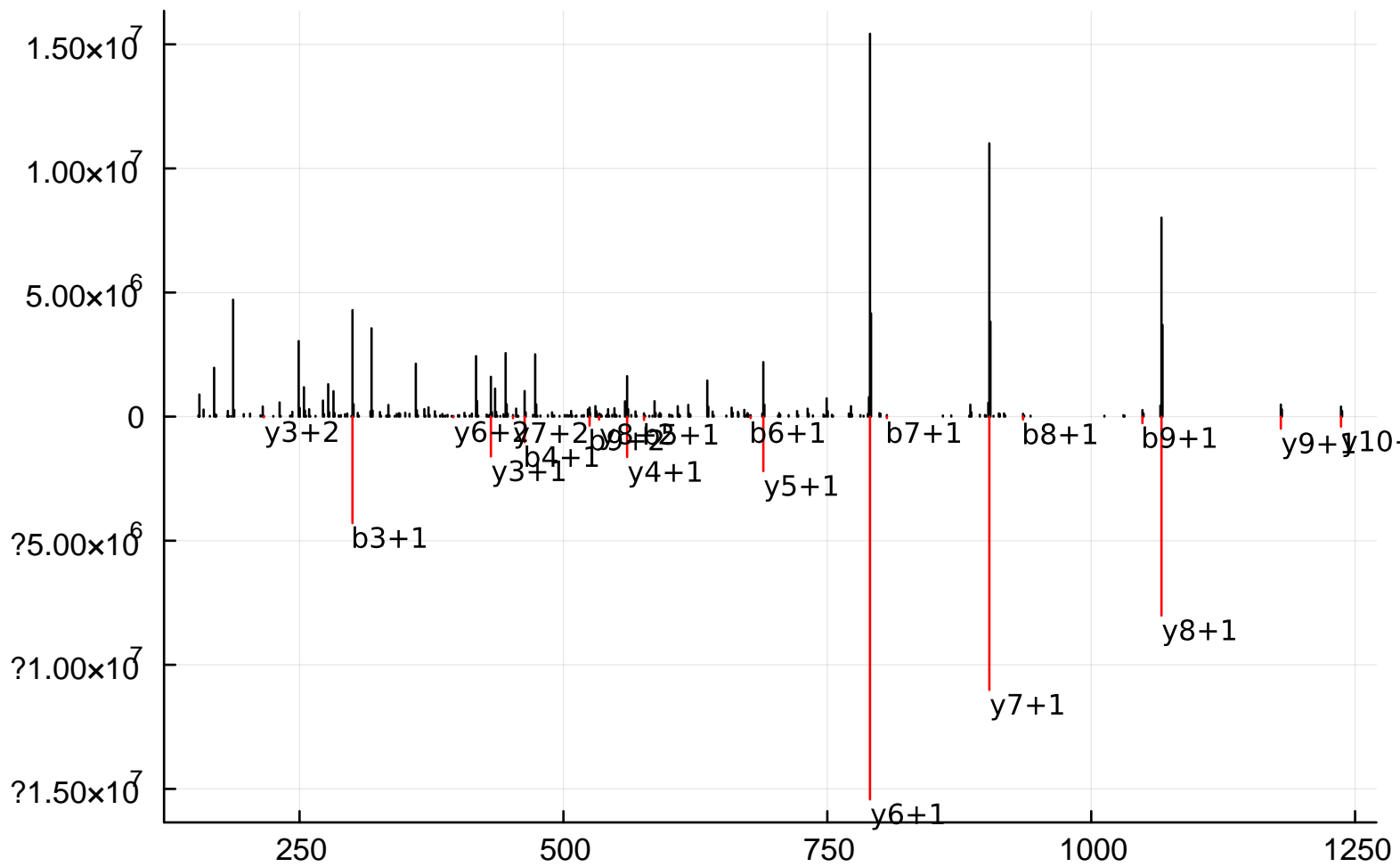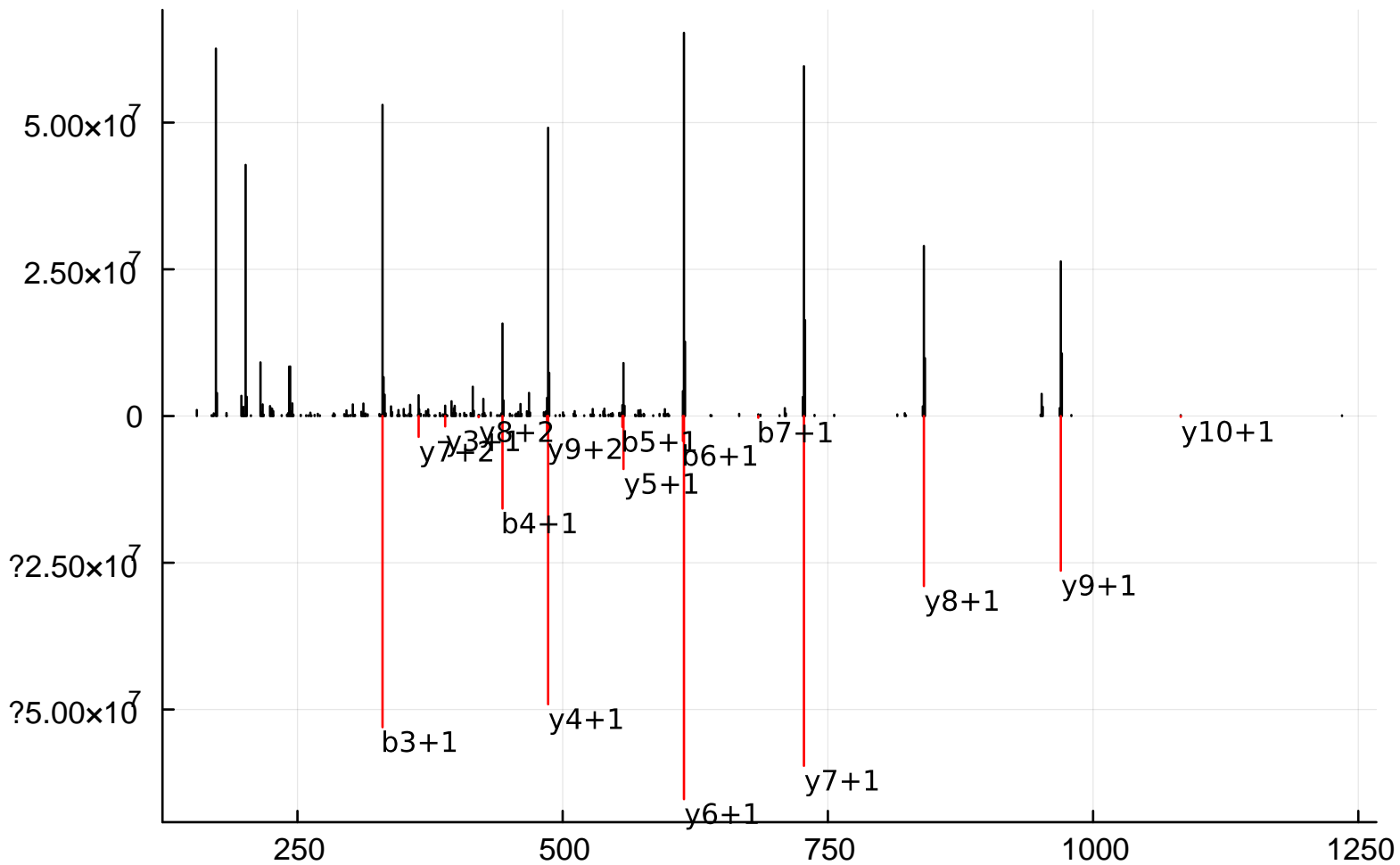
AL3A1- VEQLEALQR[Harg]

AL3A1- VINLIDSK[Hlys]

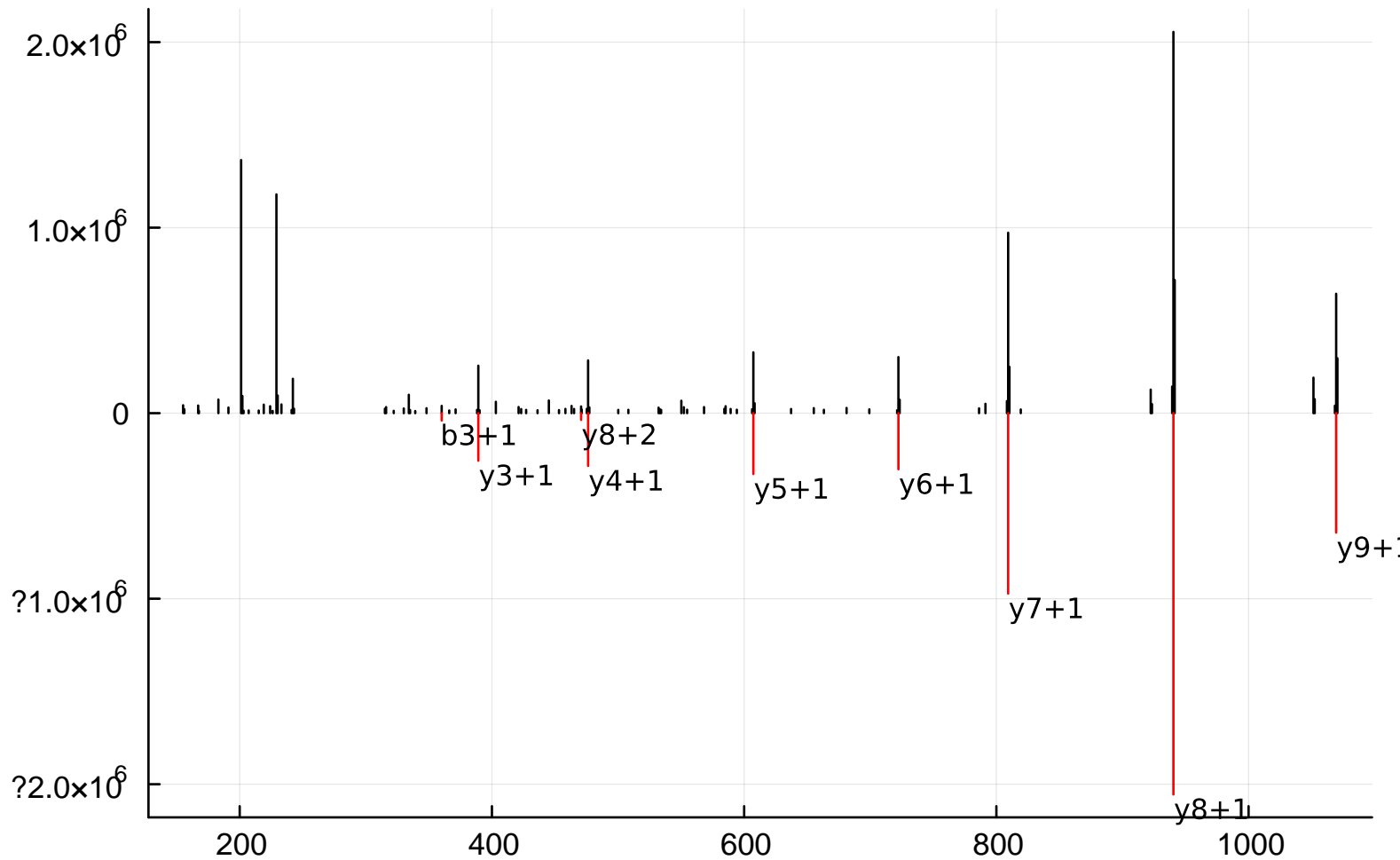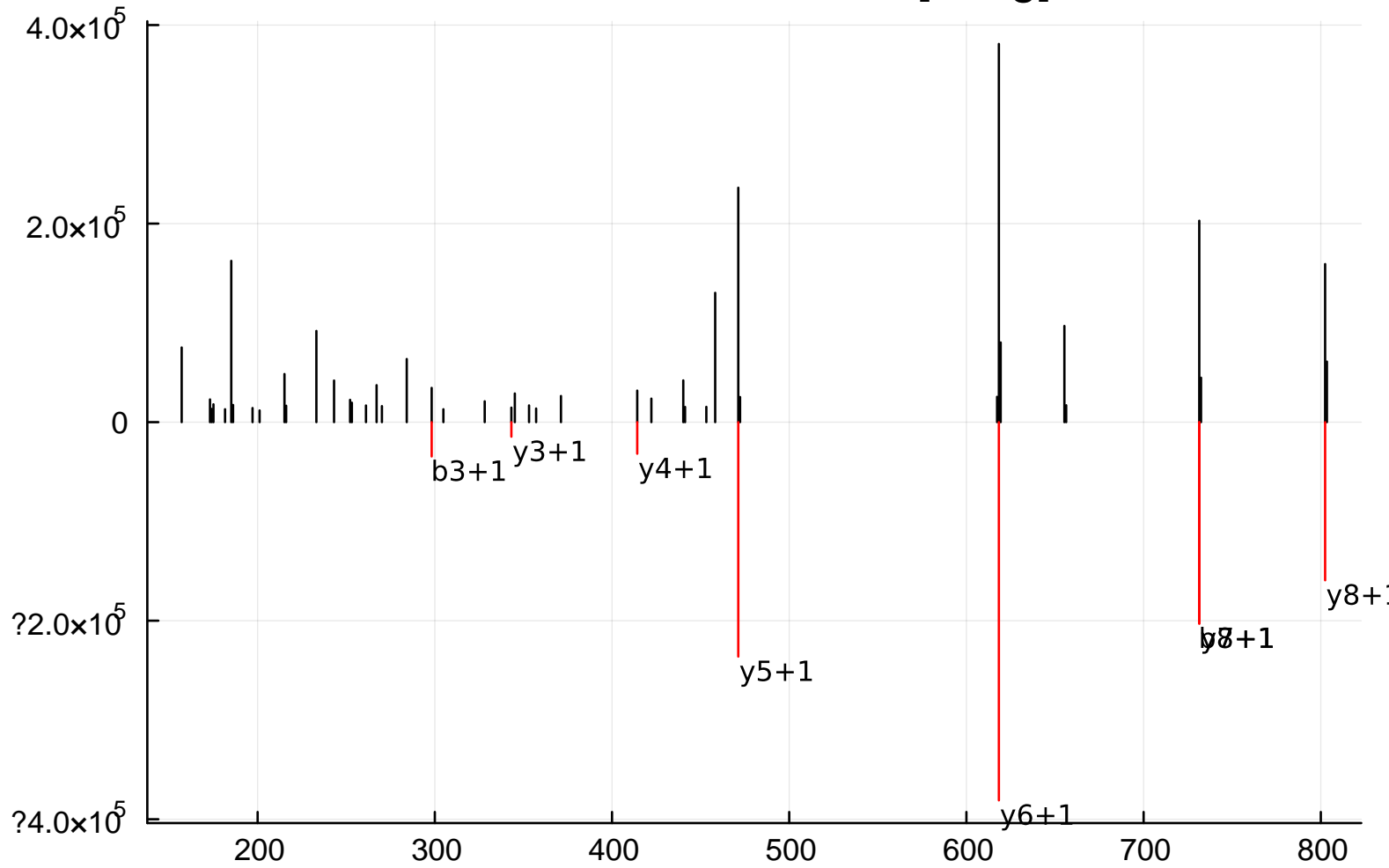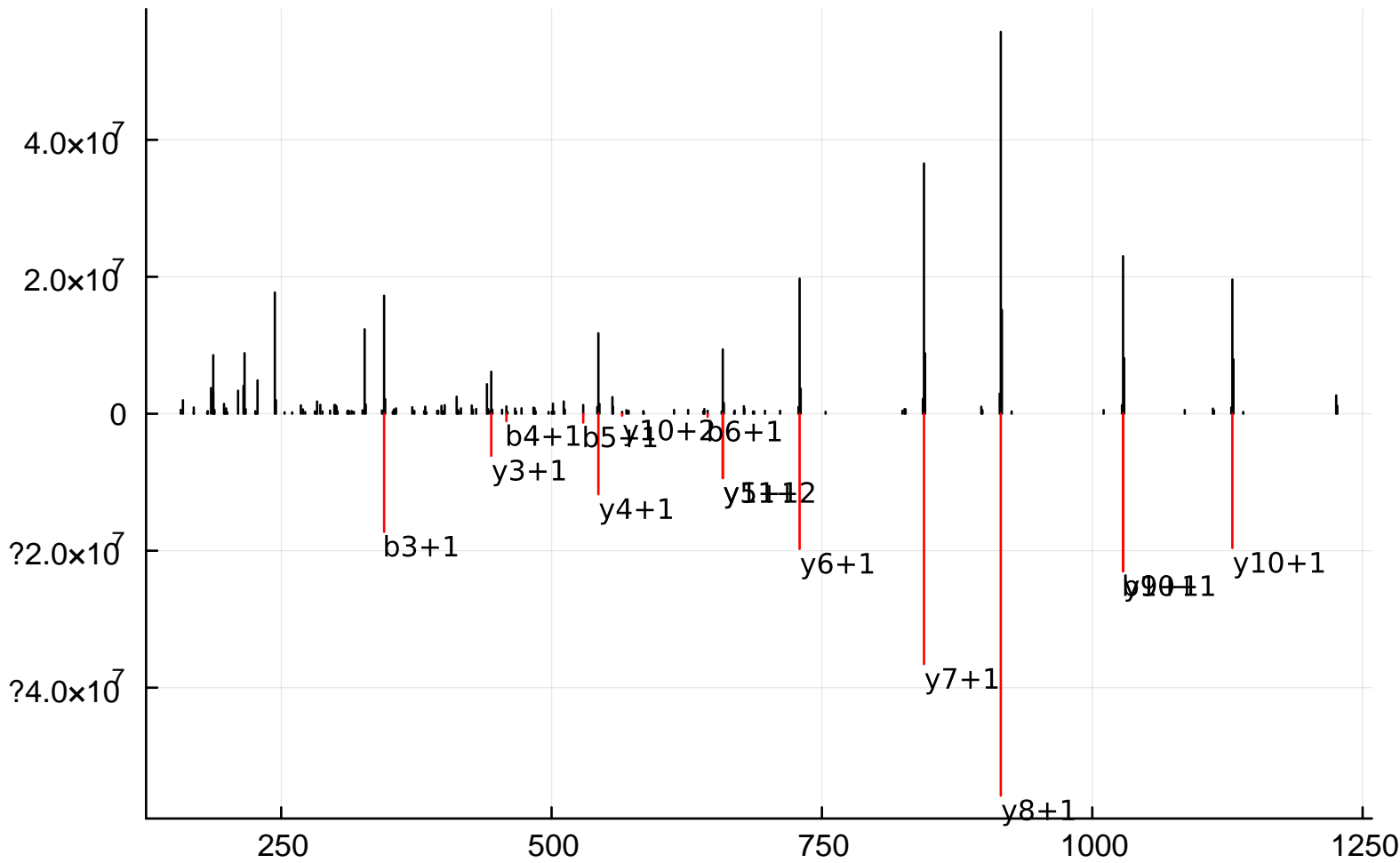ARGI1- EGLYITEEIYK[Hlys]

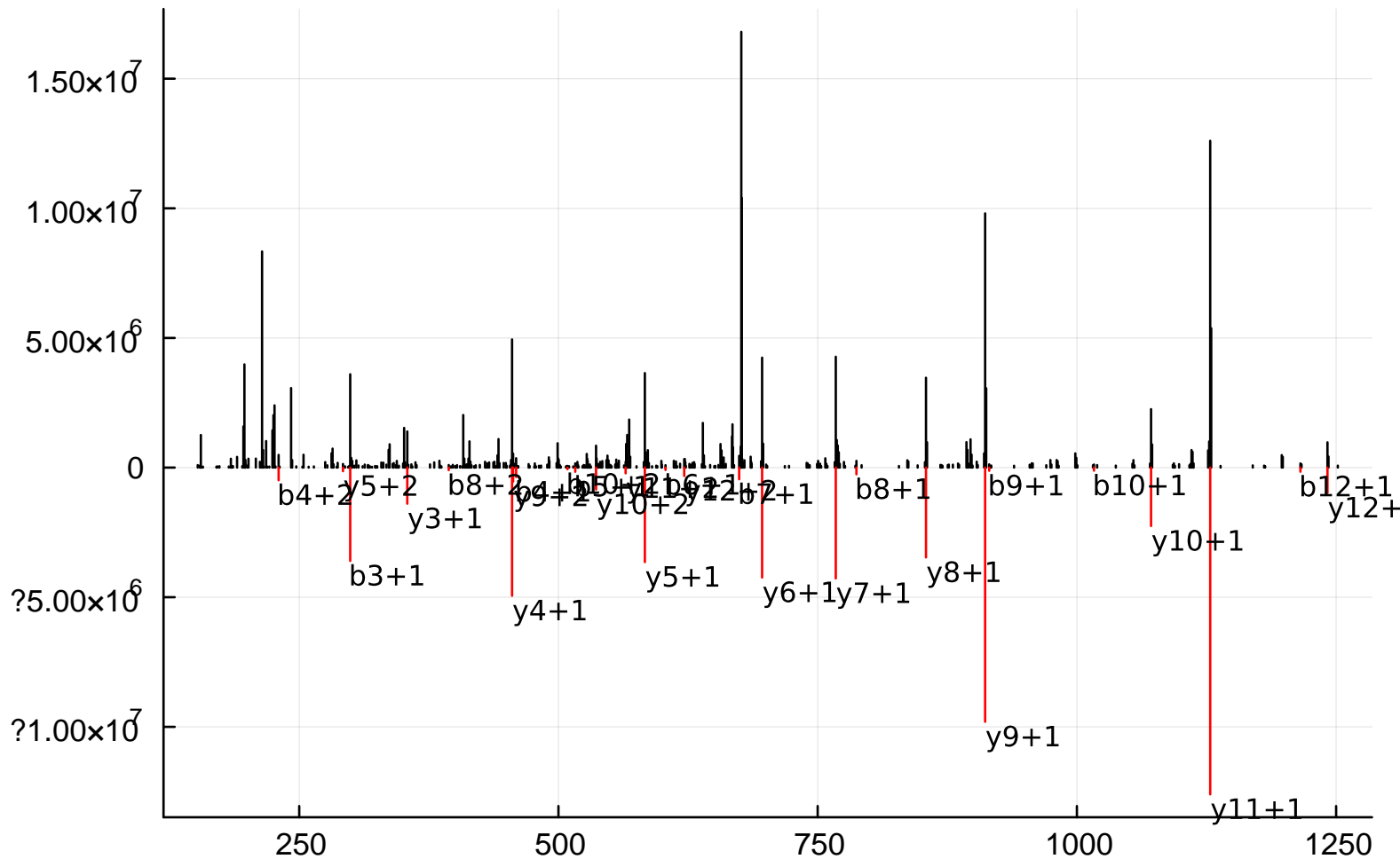ARGI1- SLEIIGAPFSK[Hlys]

B2m- VEMSDMSFSK[Hlys]

BLVRB- IAIFGATGR[Harg]
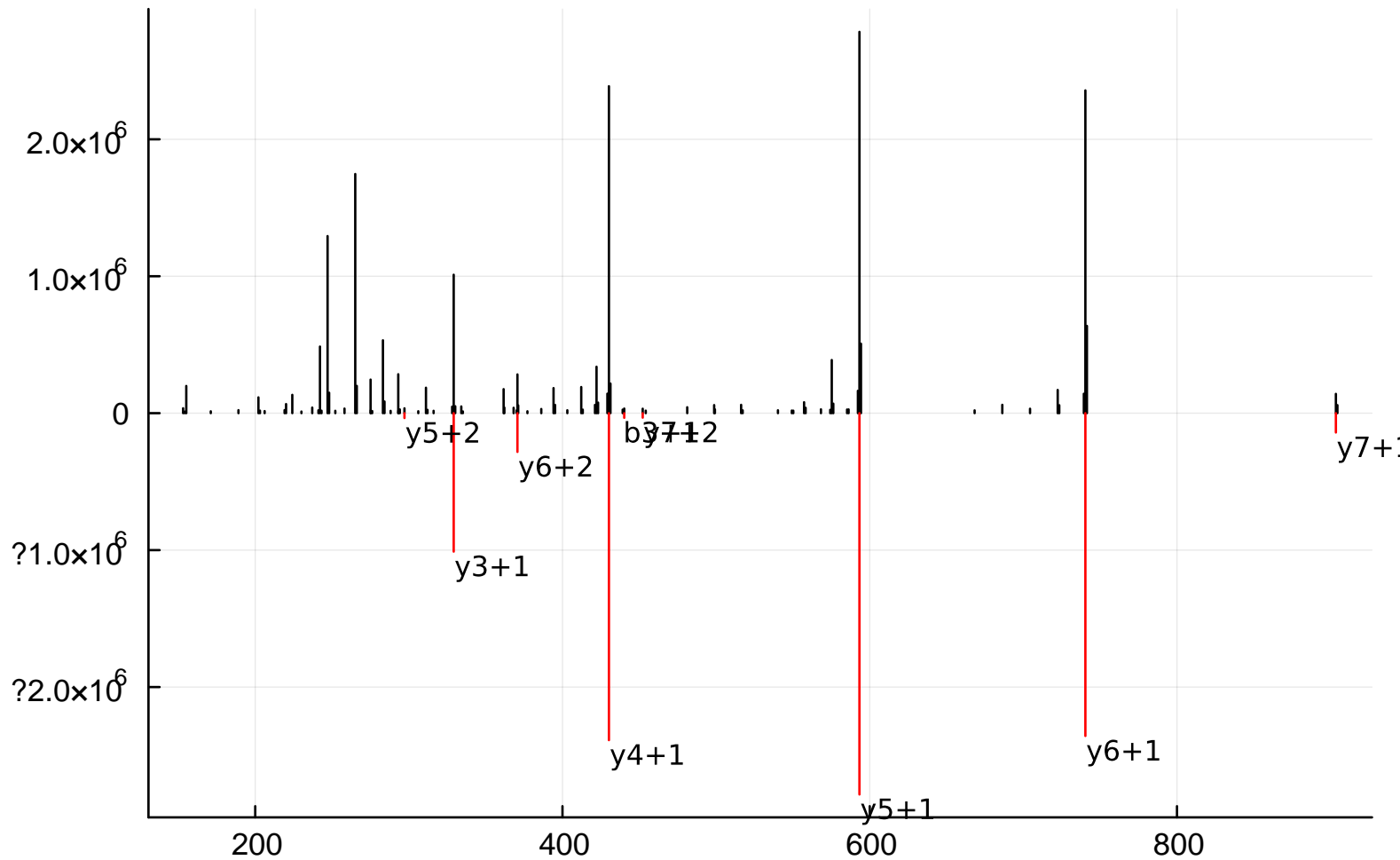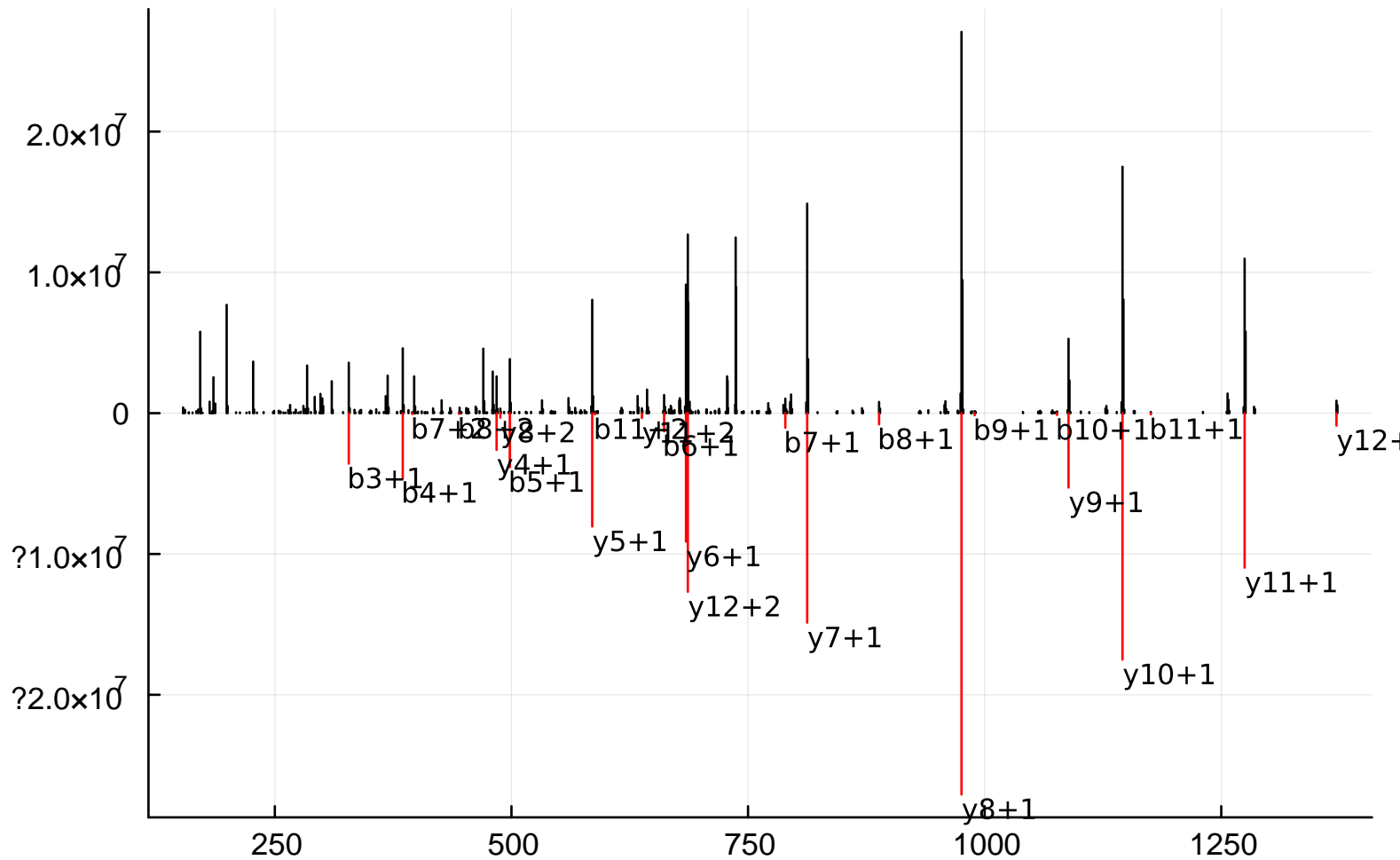
C163A- GWTLADADVVC[Carb]R[Harg]

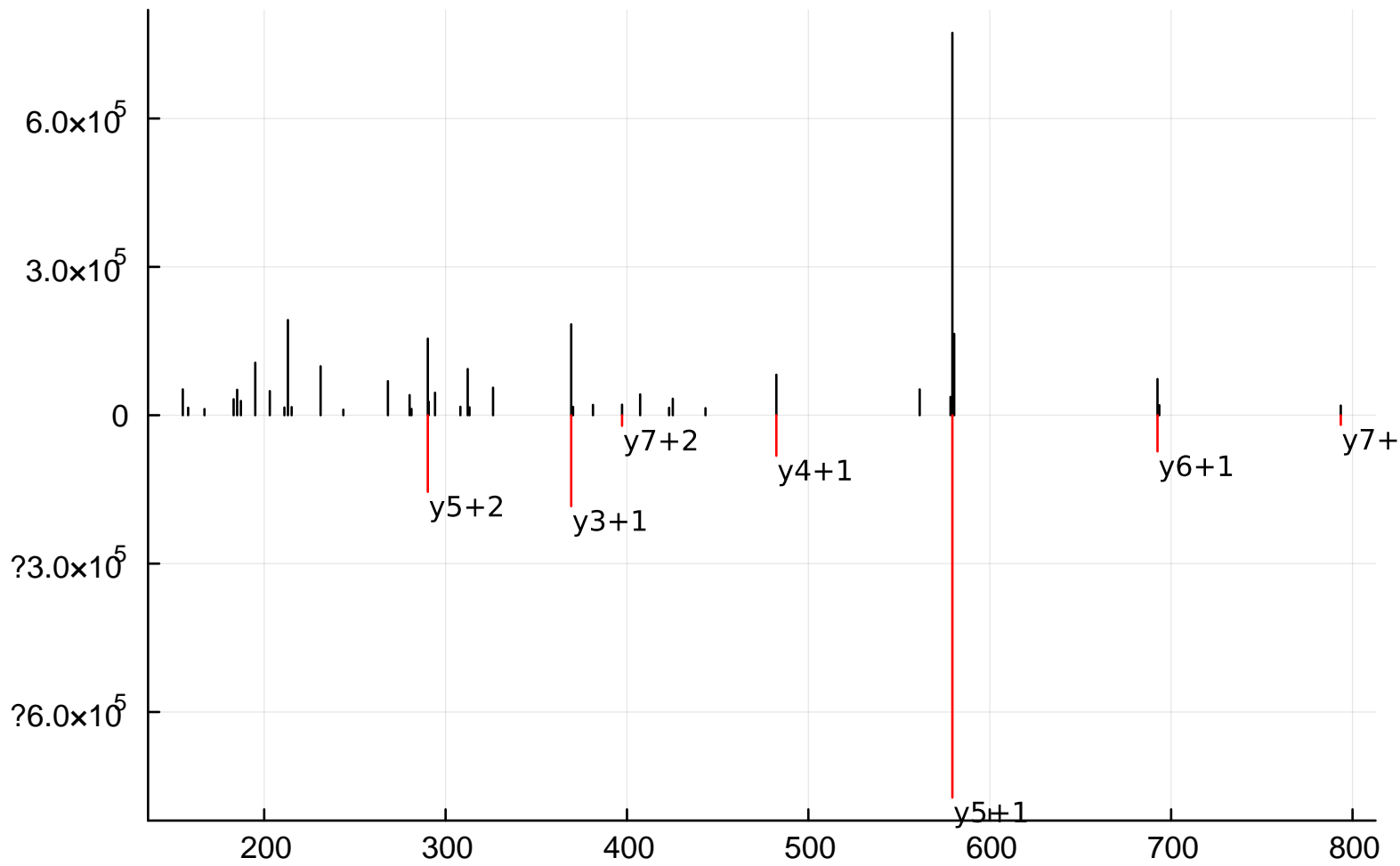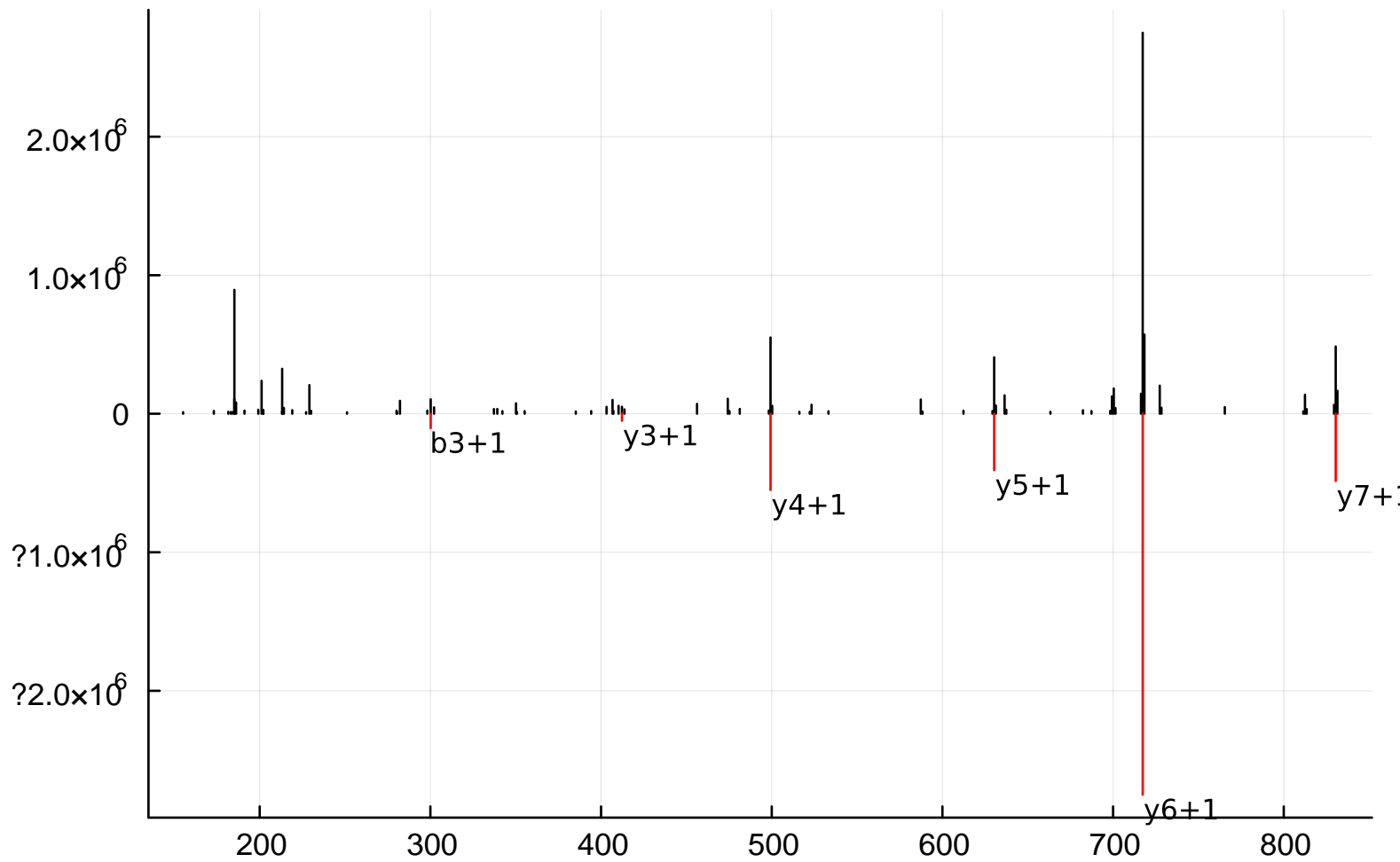C163A- QLGC[Carb]GSALQTQAK[Hlys]
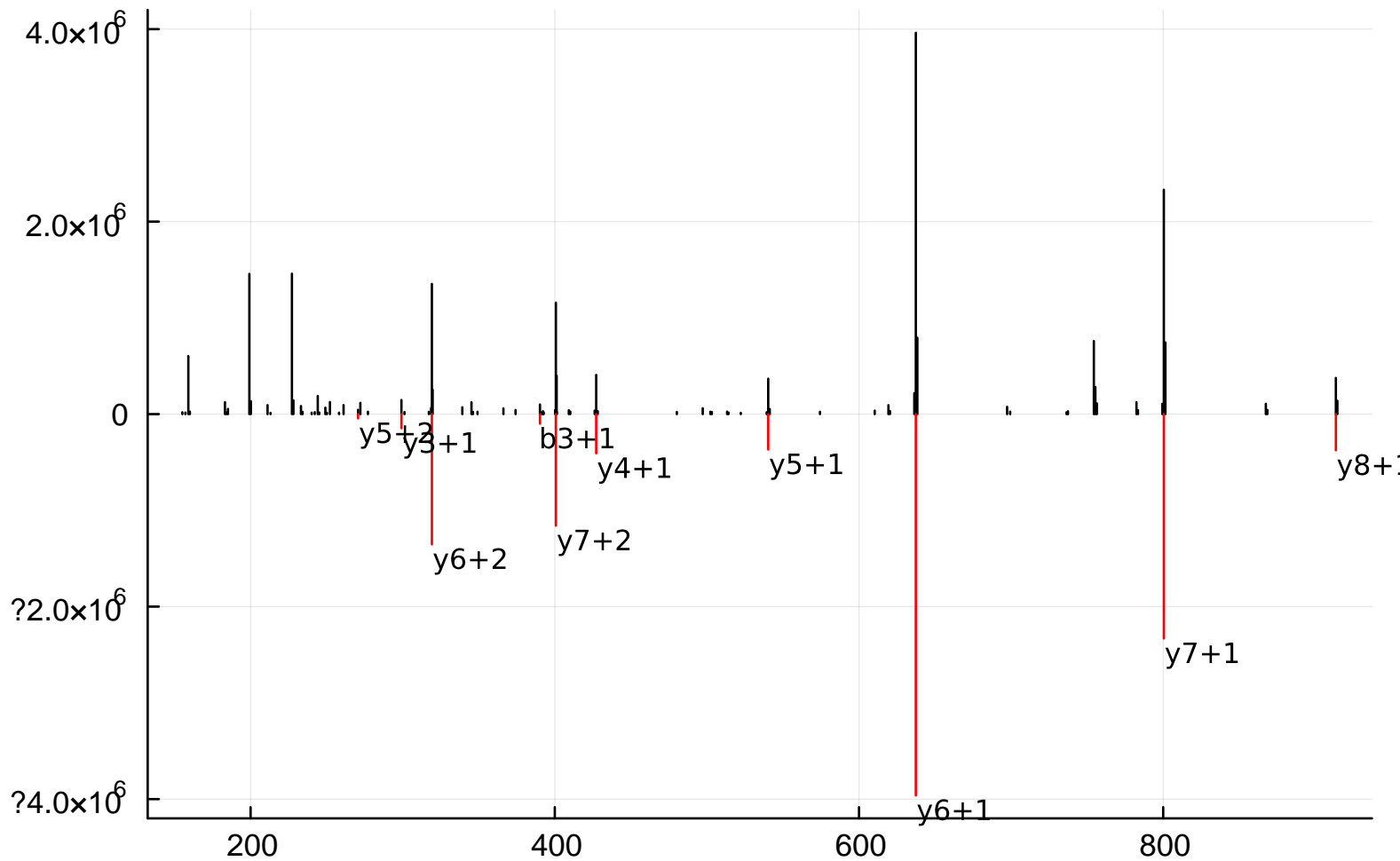
CCL5- EYFYTSSK[Hlys]
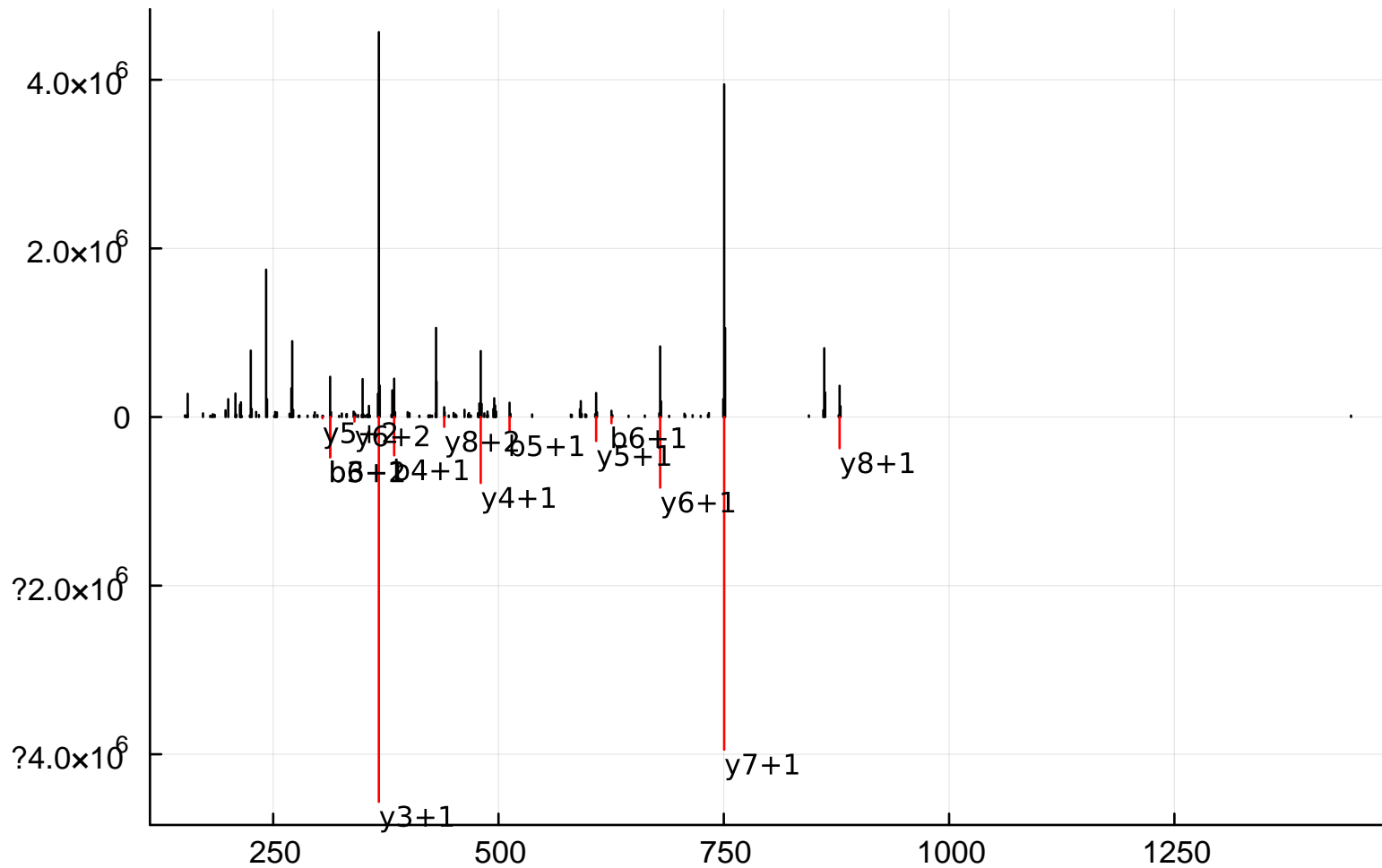
CD273- TPEGLYQVTSVLR[Harg]
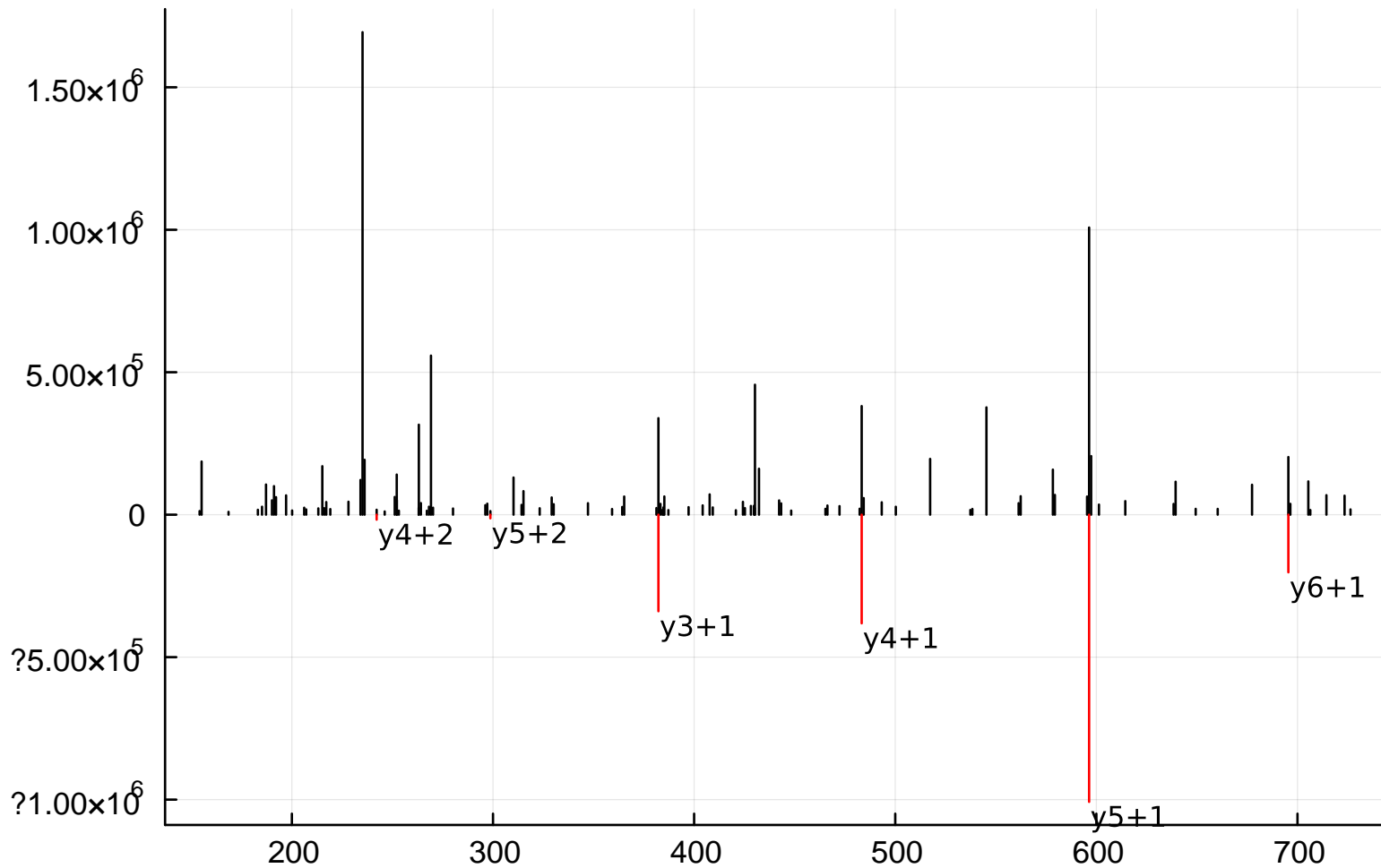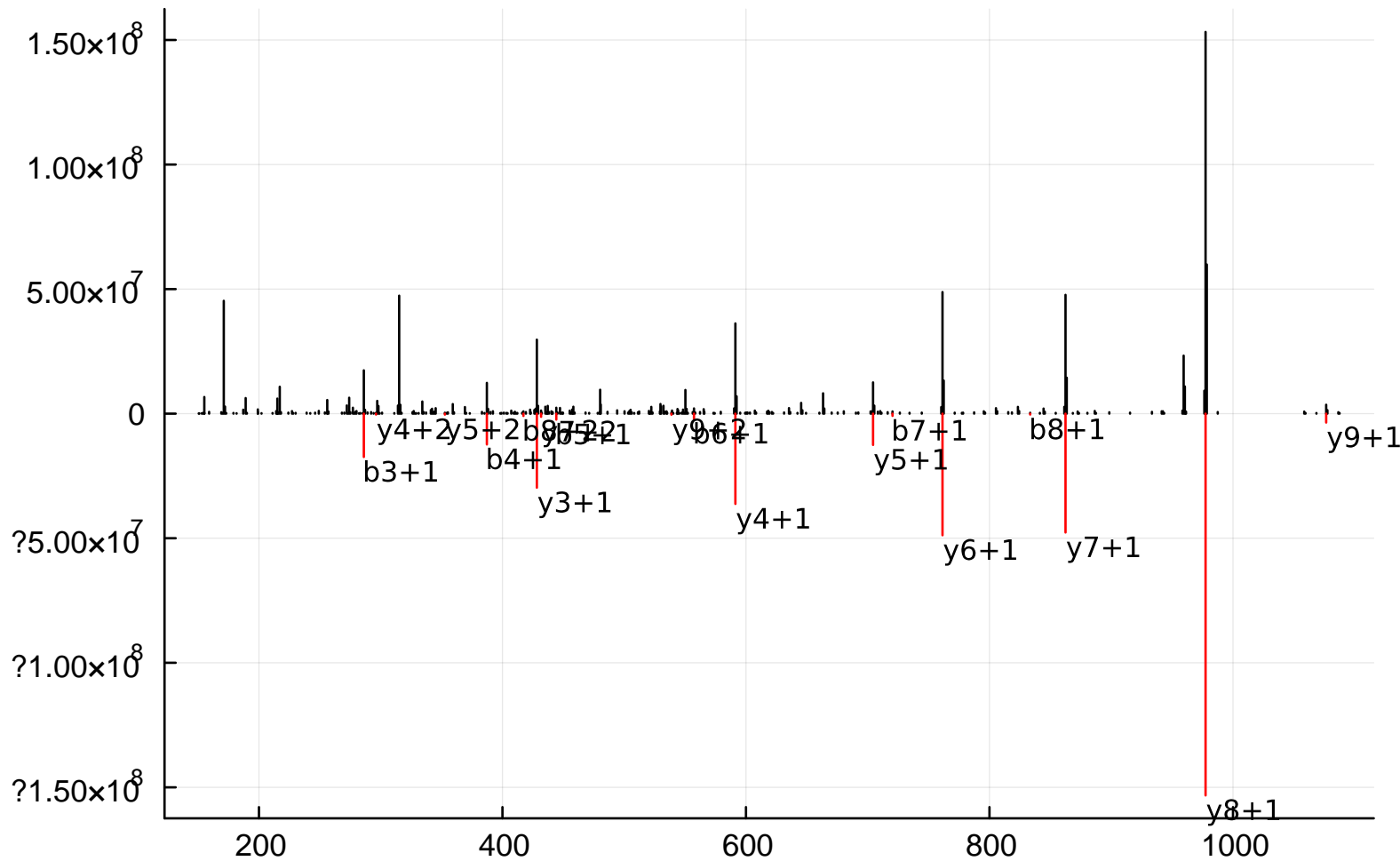
CD4- ETLPLTLK[Hlys]

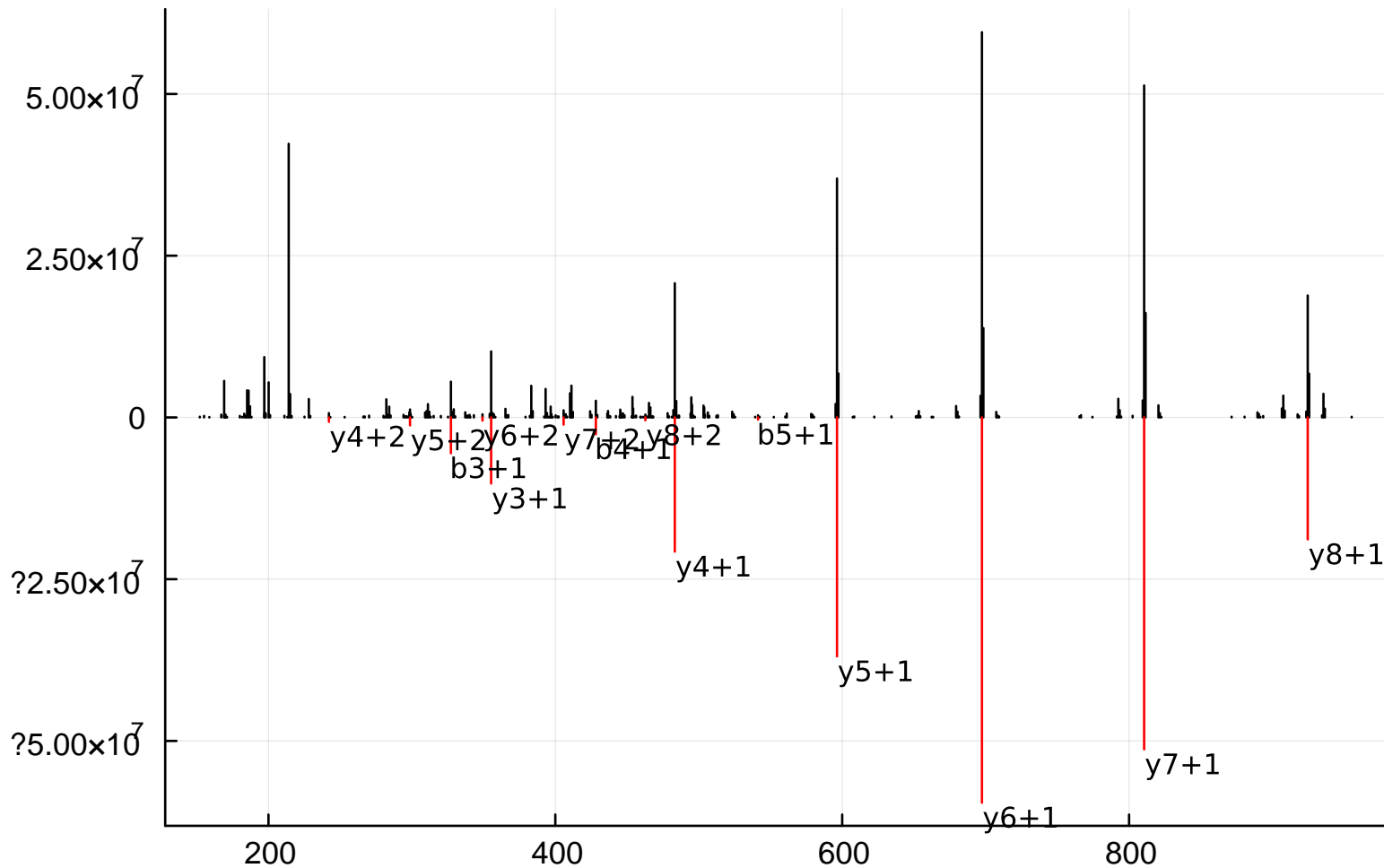CD4- VLSMSNLR[Harg]

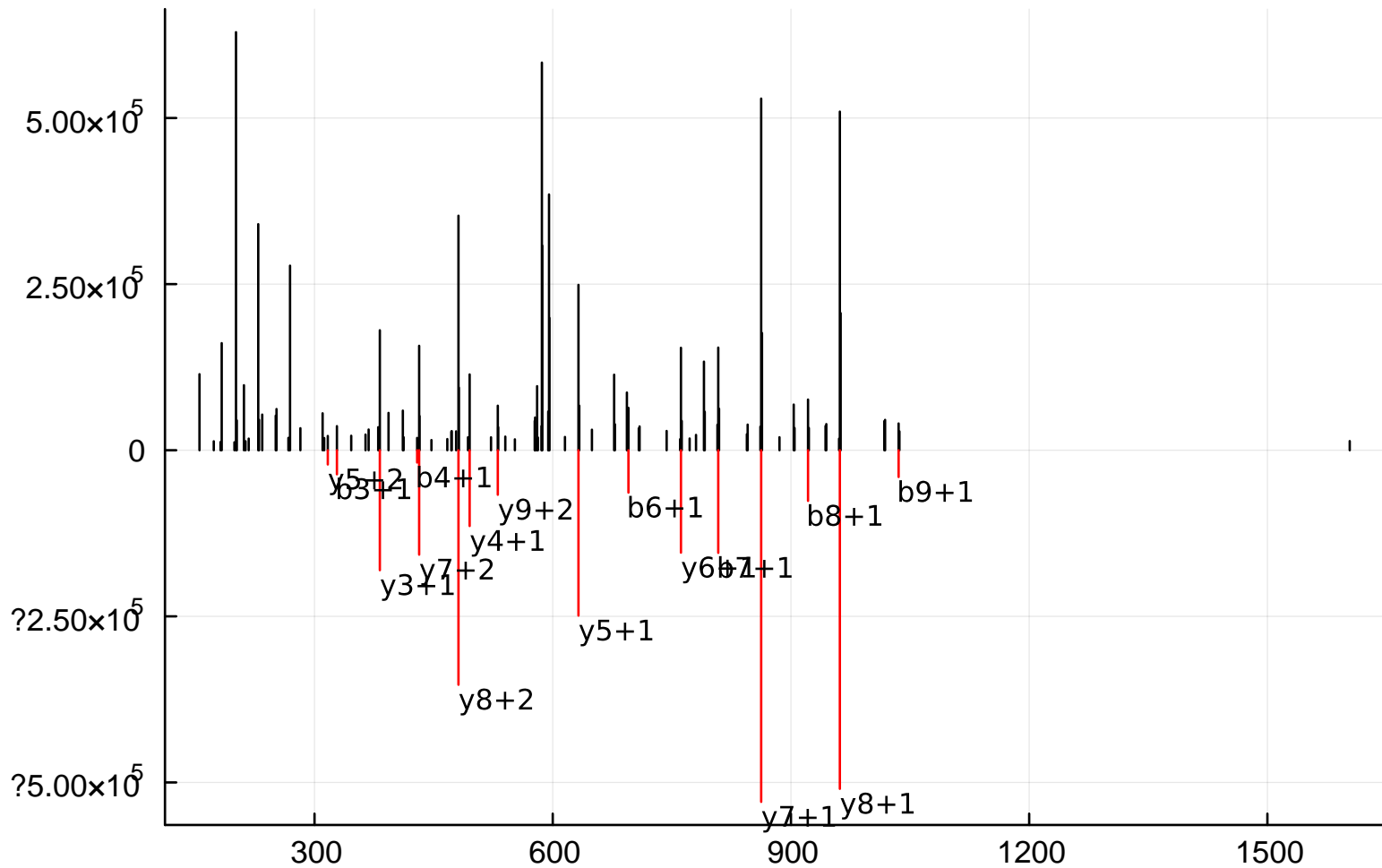CD68- ILYPIQGGR[Harg]

CD68- LQAAQLPDK[Hlys]

CD8A- YVLTLNK[Hlys]
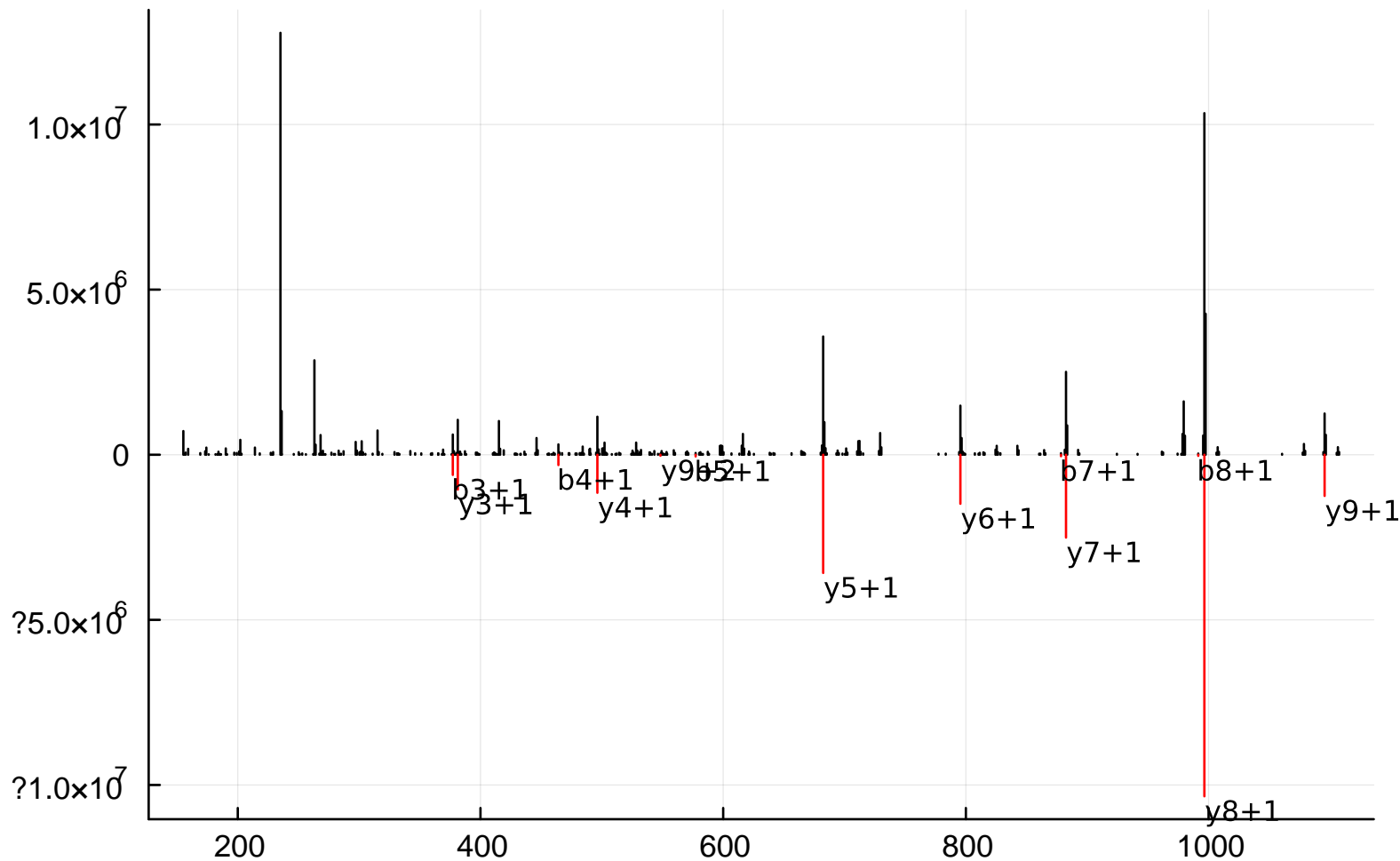
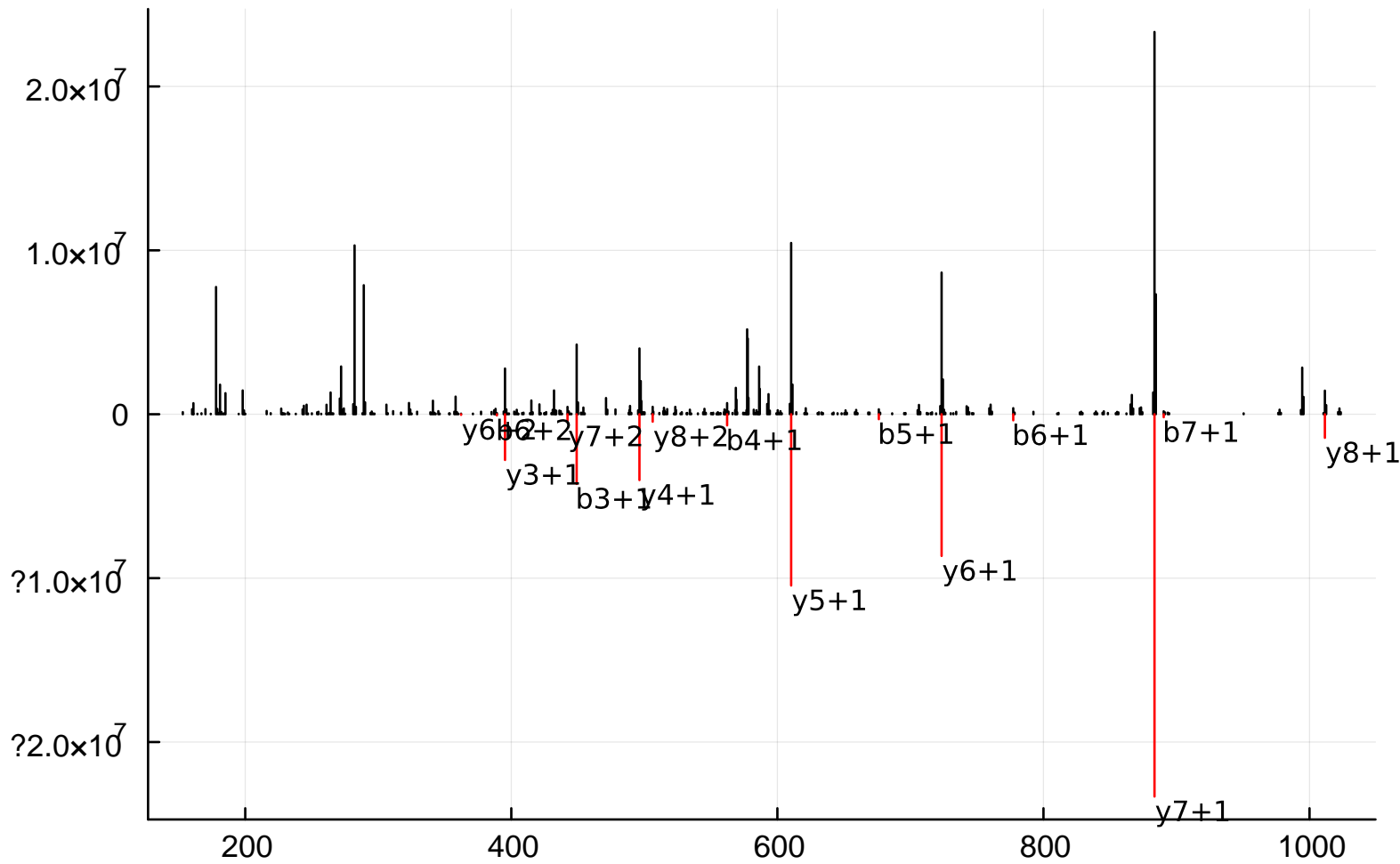# CTLA4- AVDTGLYLC[Carb]K[Hlys]

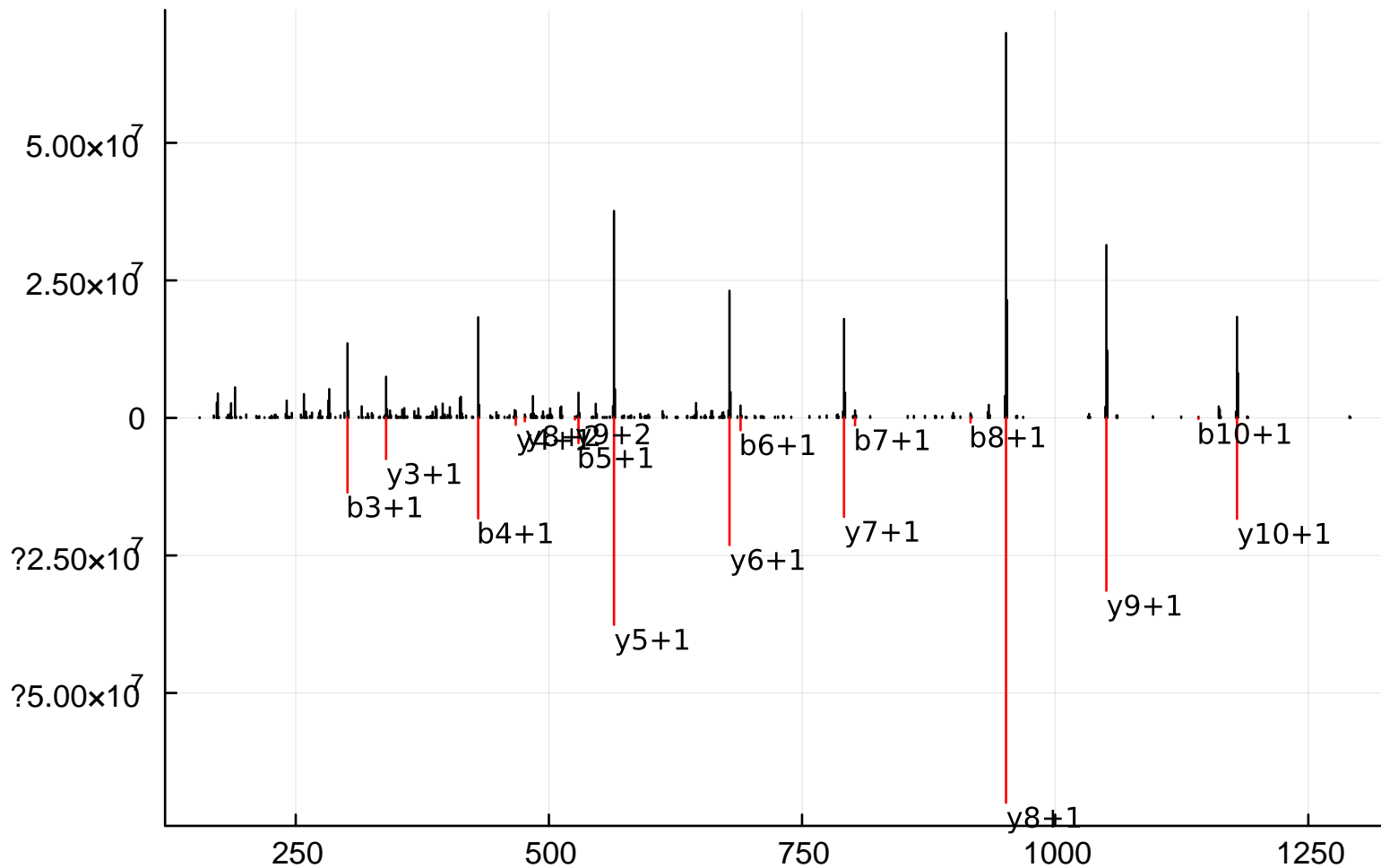CTLA4- VNLTIQGLR[Harg]

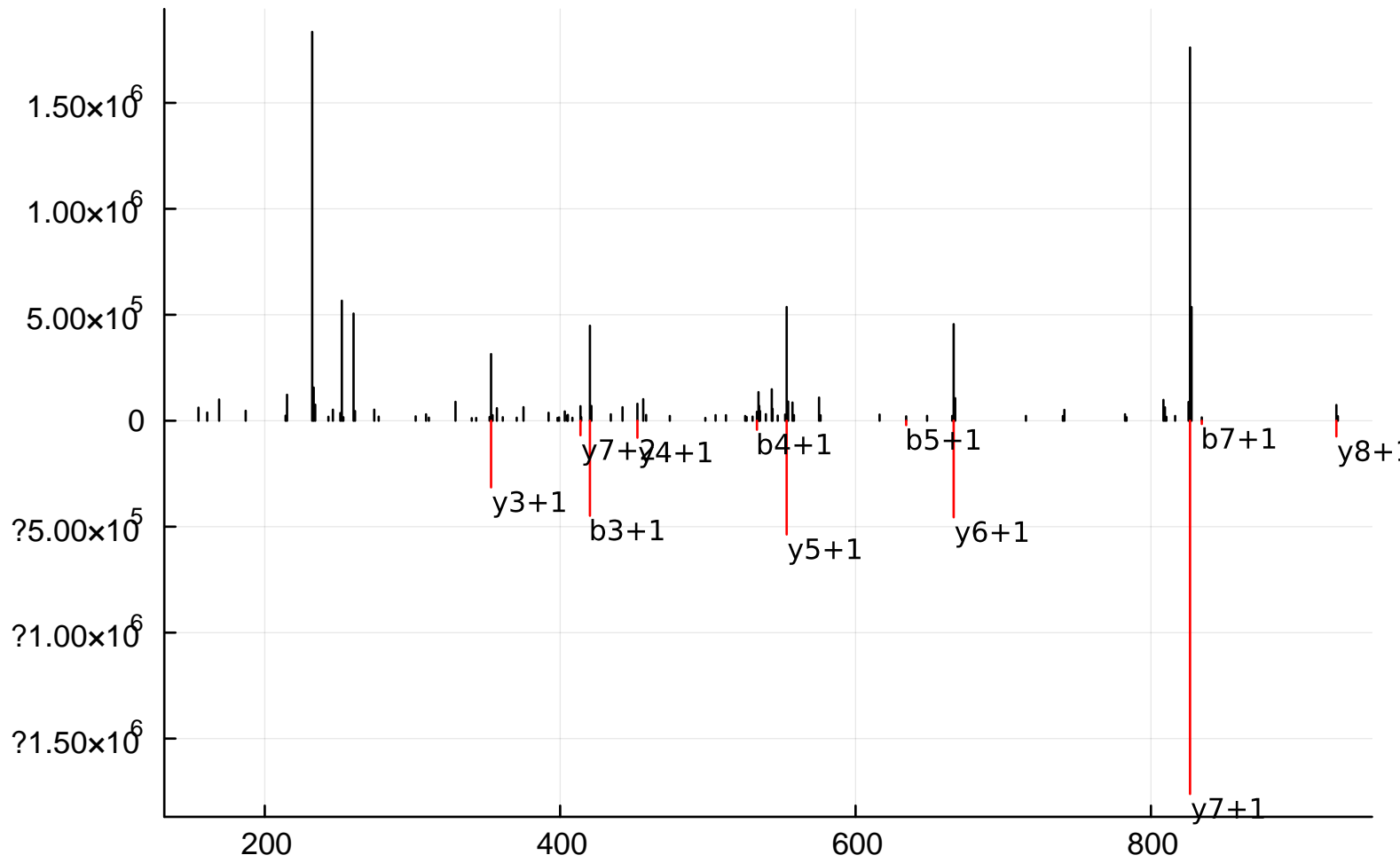CUL3- EVVTEHLINK[Hlys]

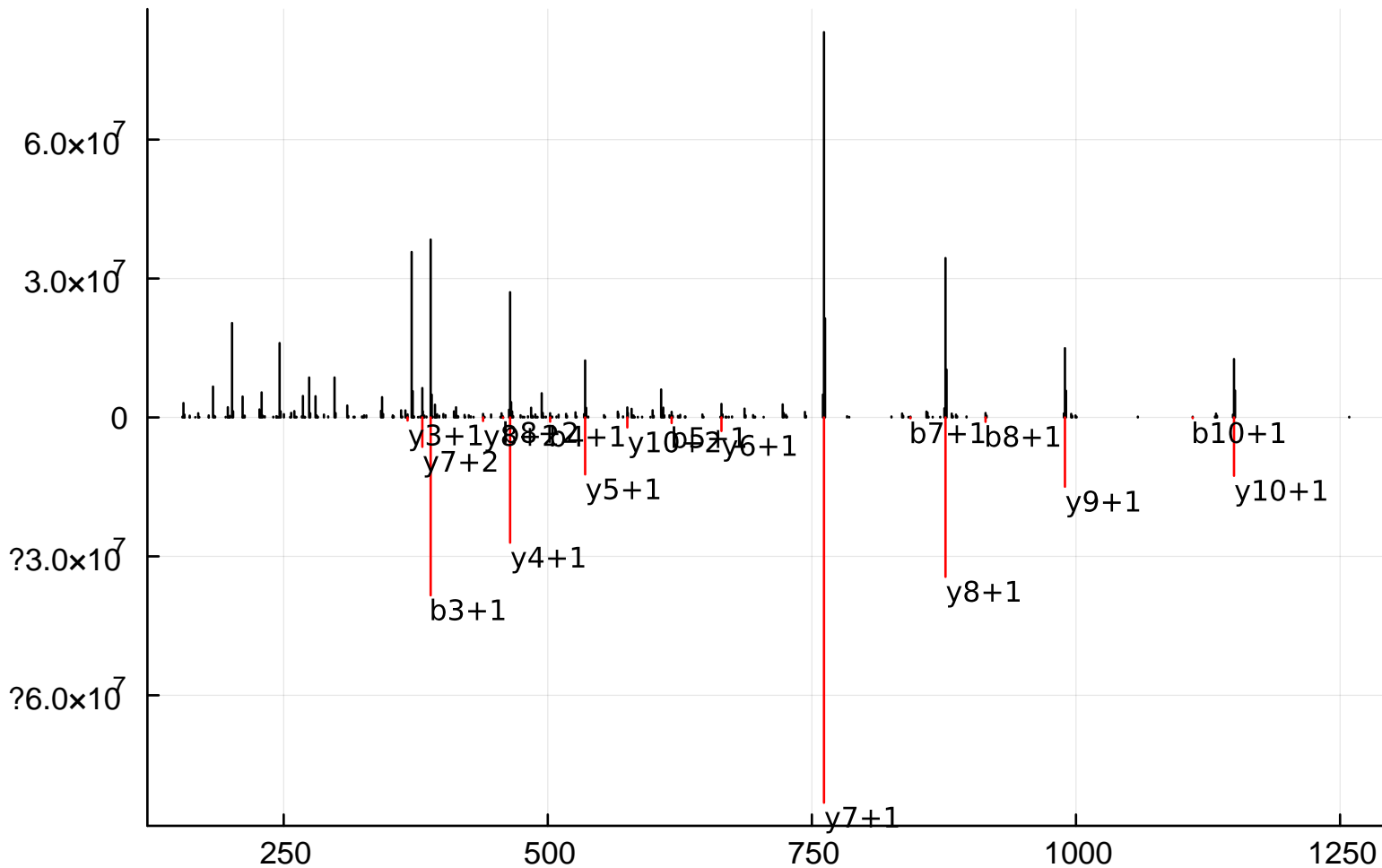# CUL3- YVNSIWDLLK[Hlys]

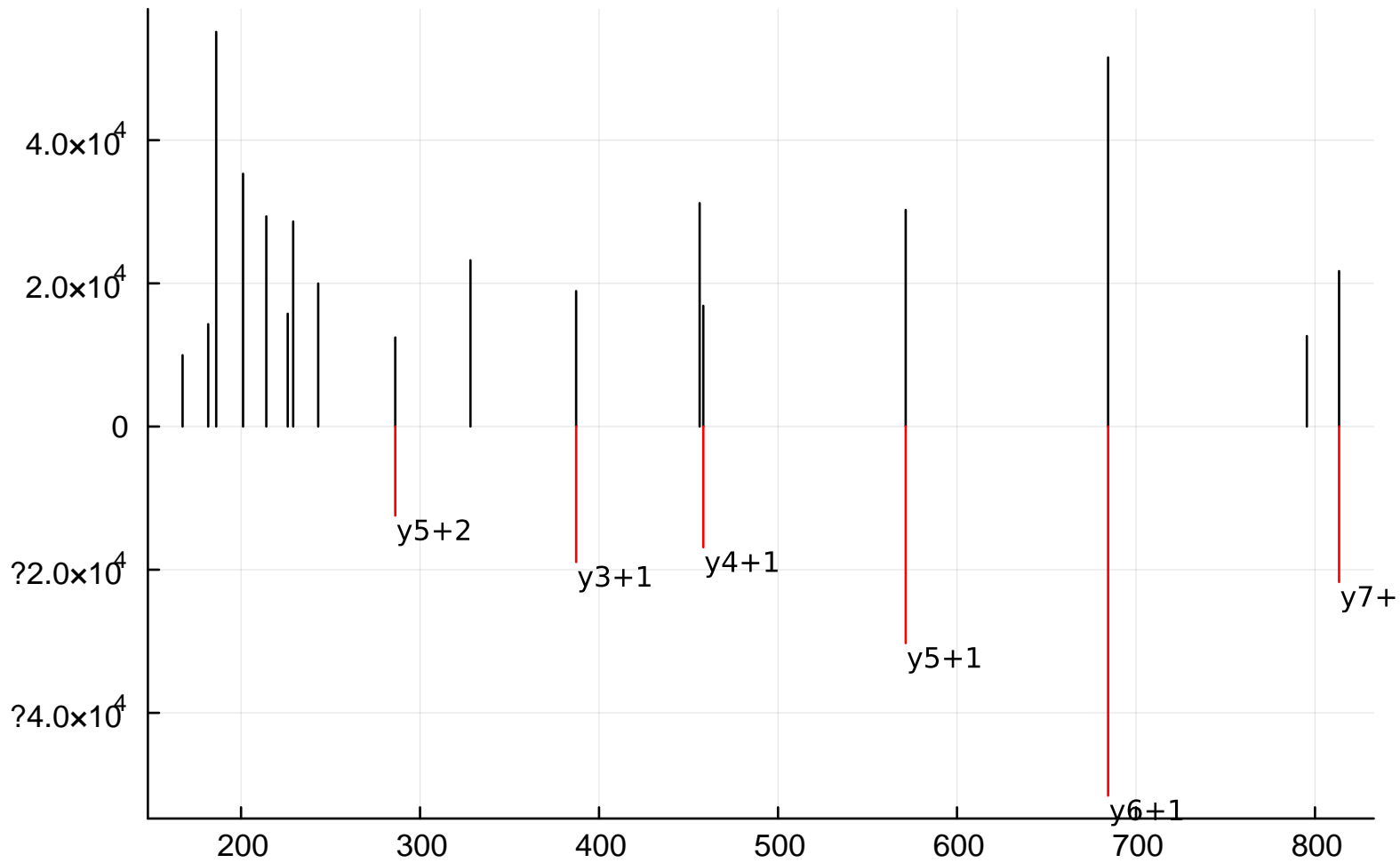# CXCL3- C[Carb]QC[Carb]LNTLPR[Harg]

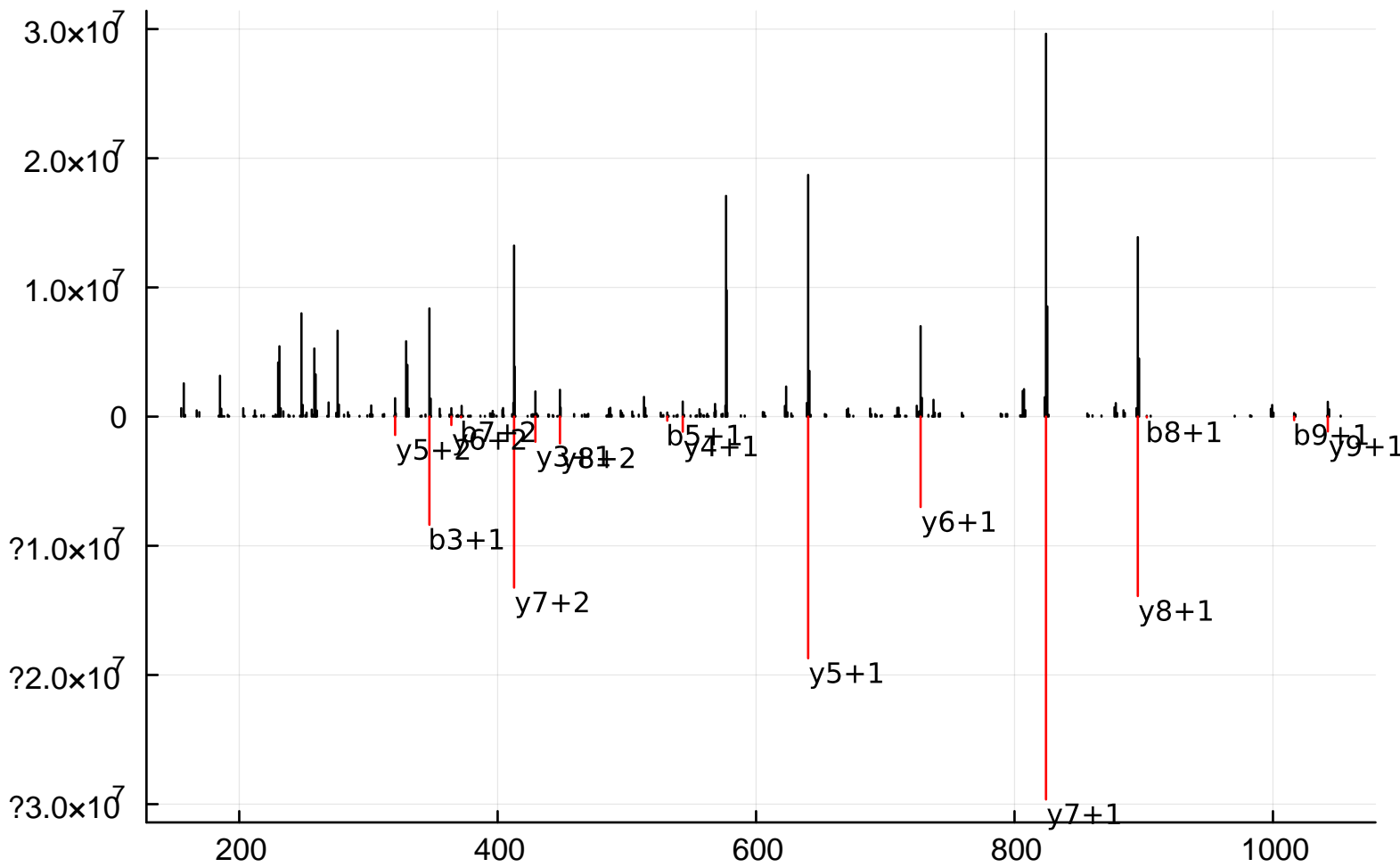CXCL3- DGQEVC[Carb]LNPQGPR[Harg]

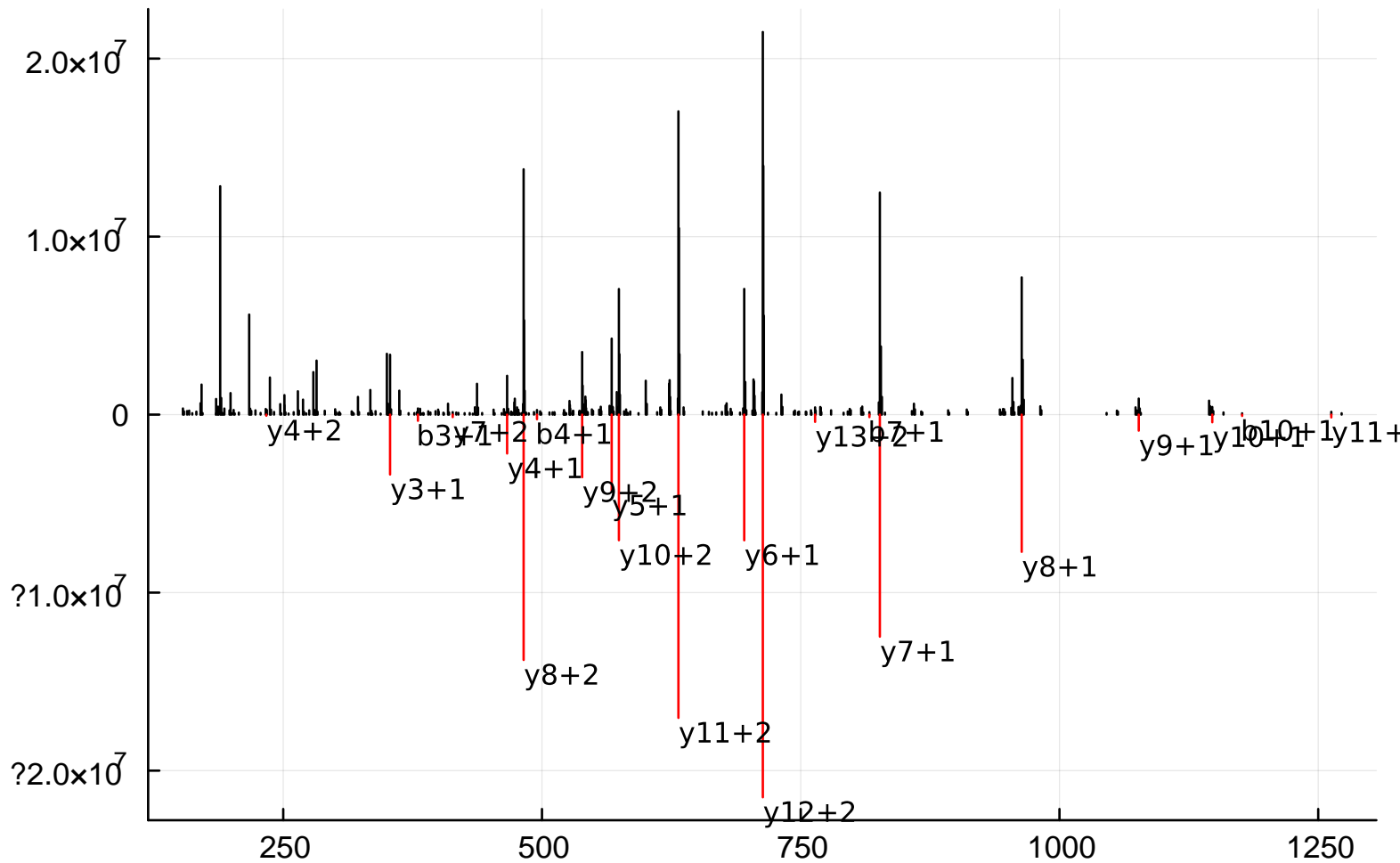# CXCL5- C[Carb]VC[Carb]LTVTPK[Hlys]

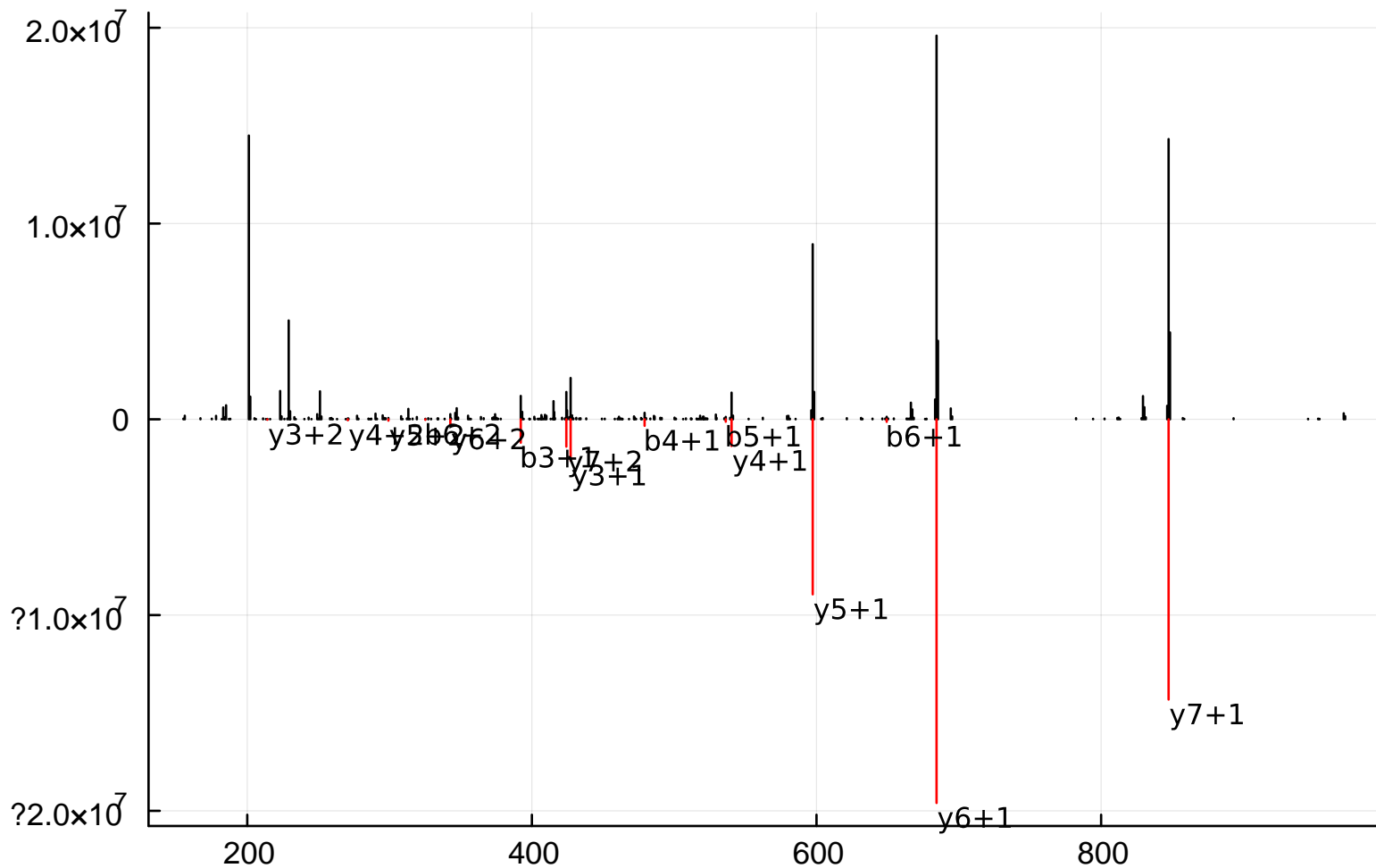# CXCL5- EVC[Carb]LDPEAPVIK[Hlys]
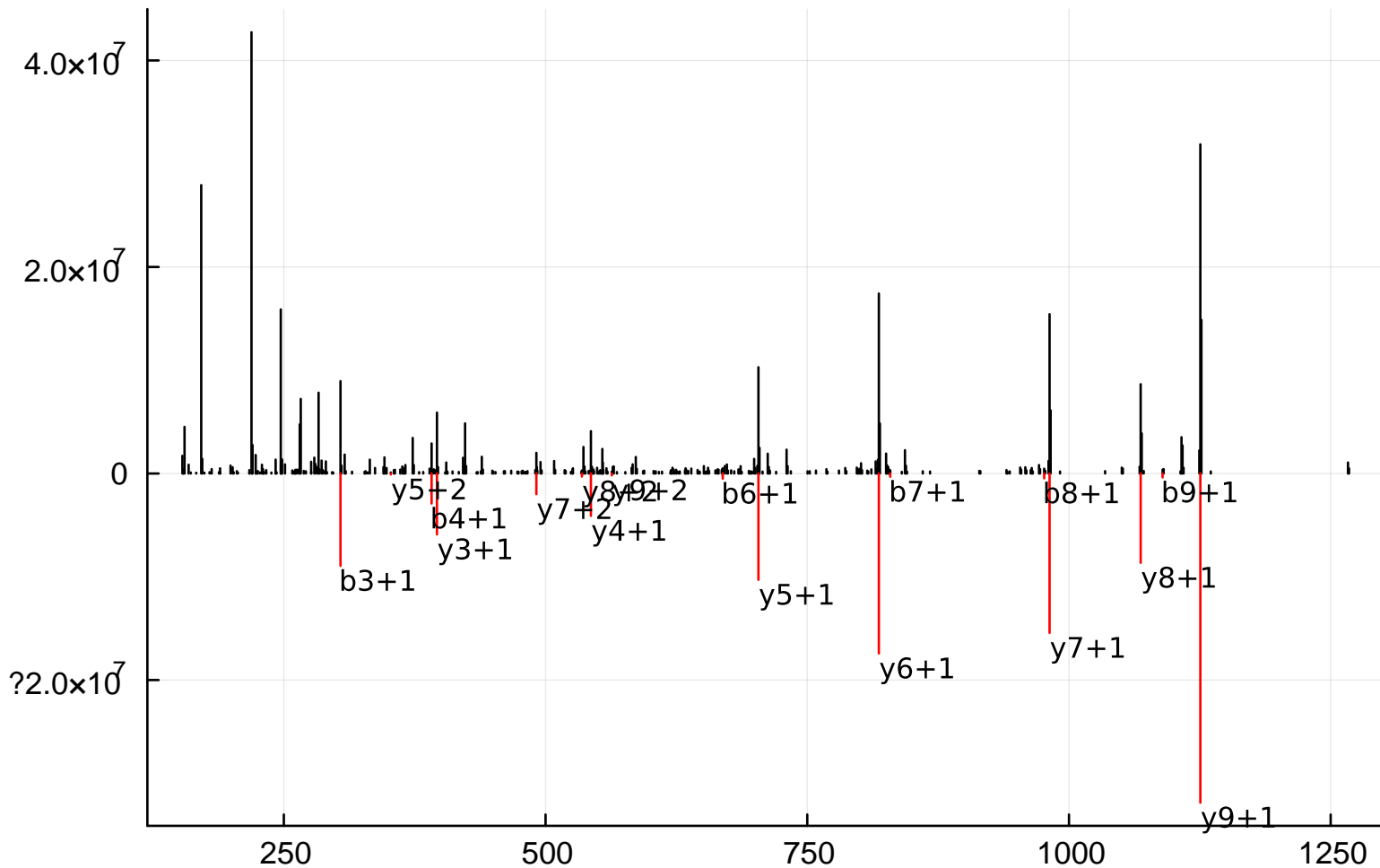
CXL10- VEIIATMK[Hlys]

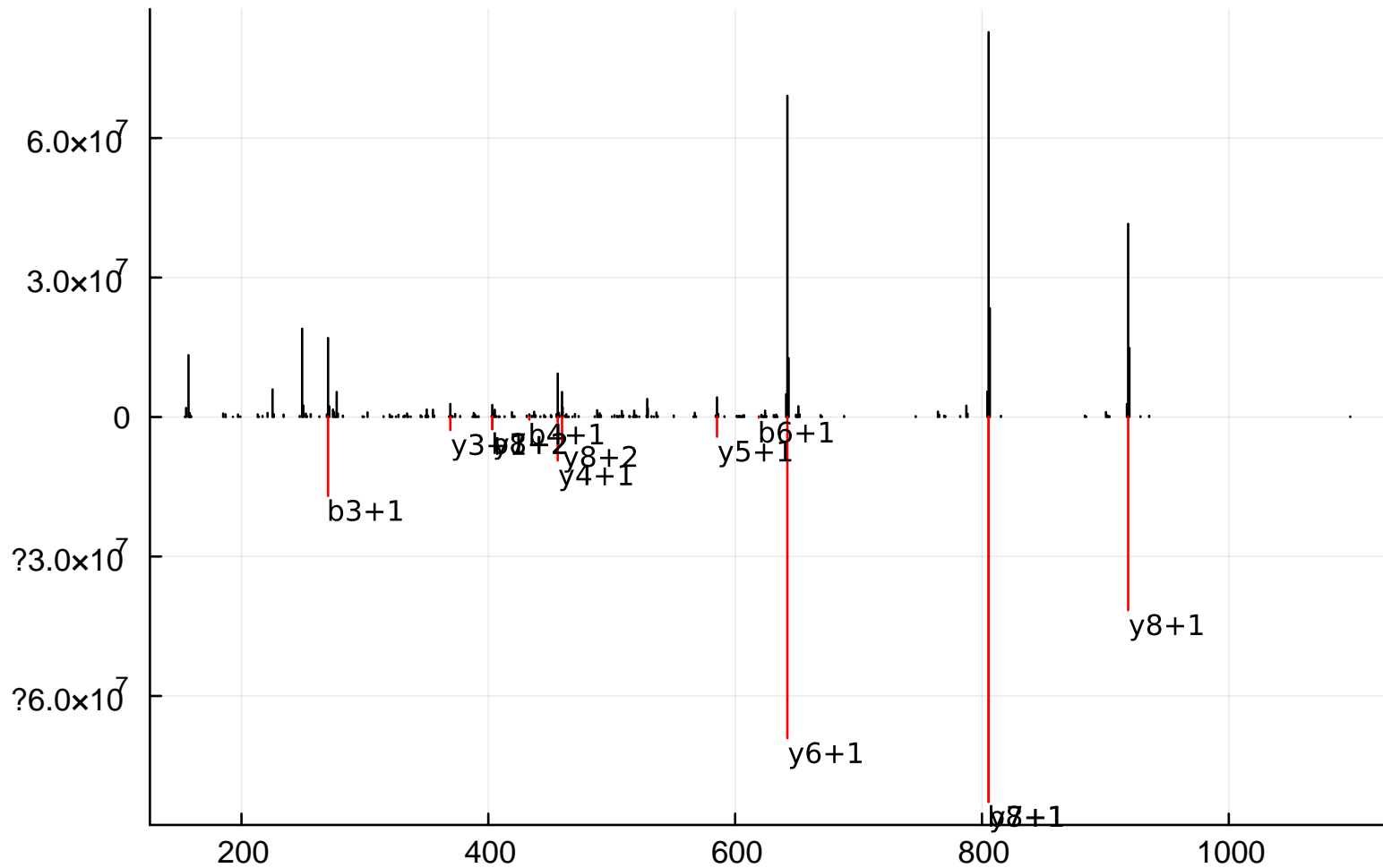CXL9- QFAPSPNC[Carb]NK[Hlys]
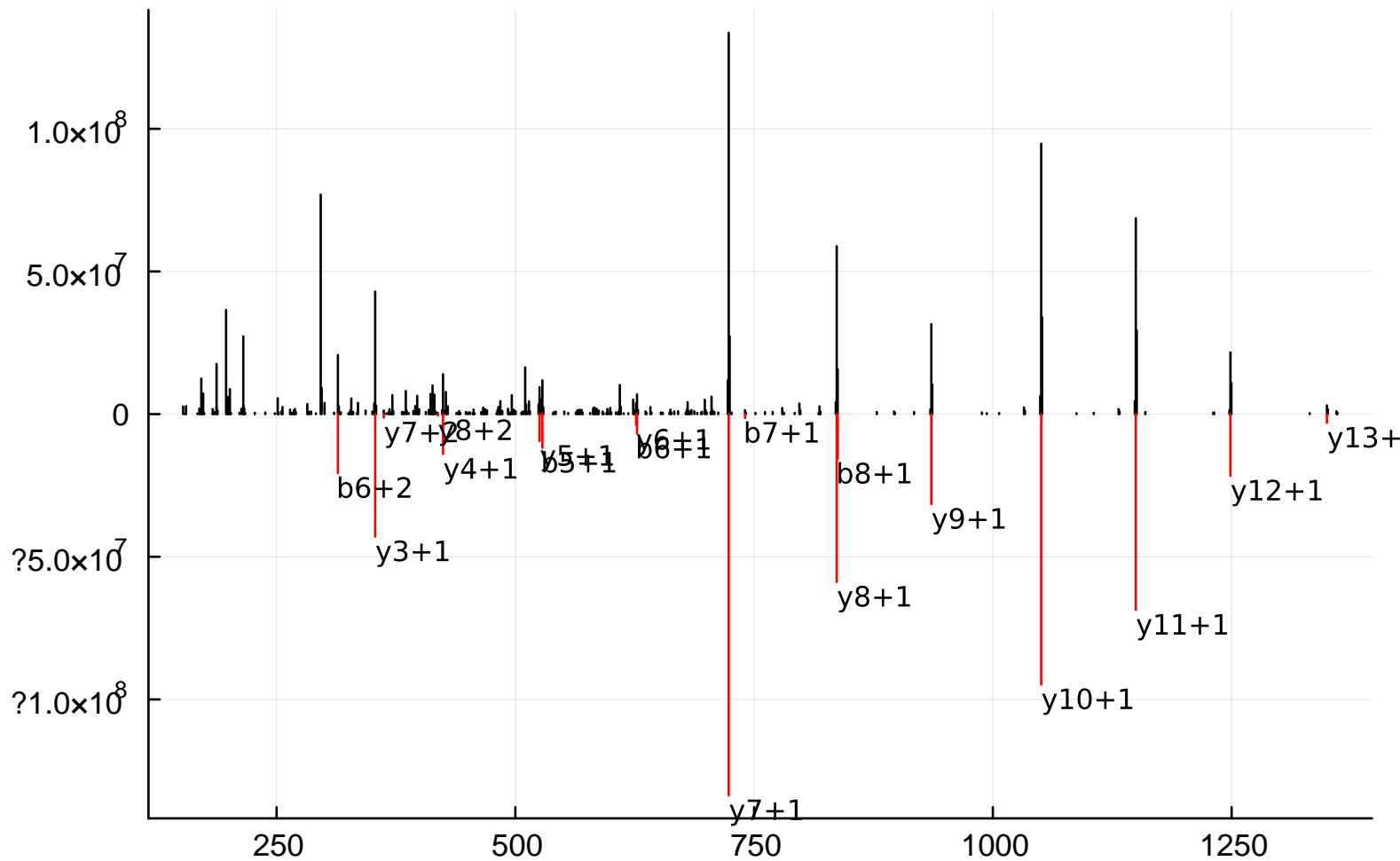
Cd247- DTYDALHMQTLAPR[Harg]
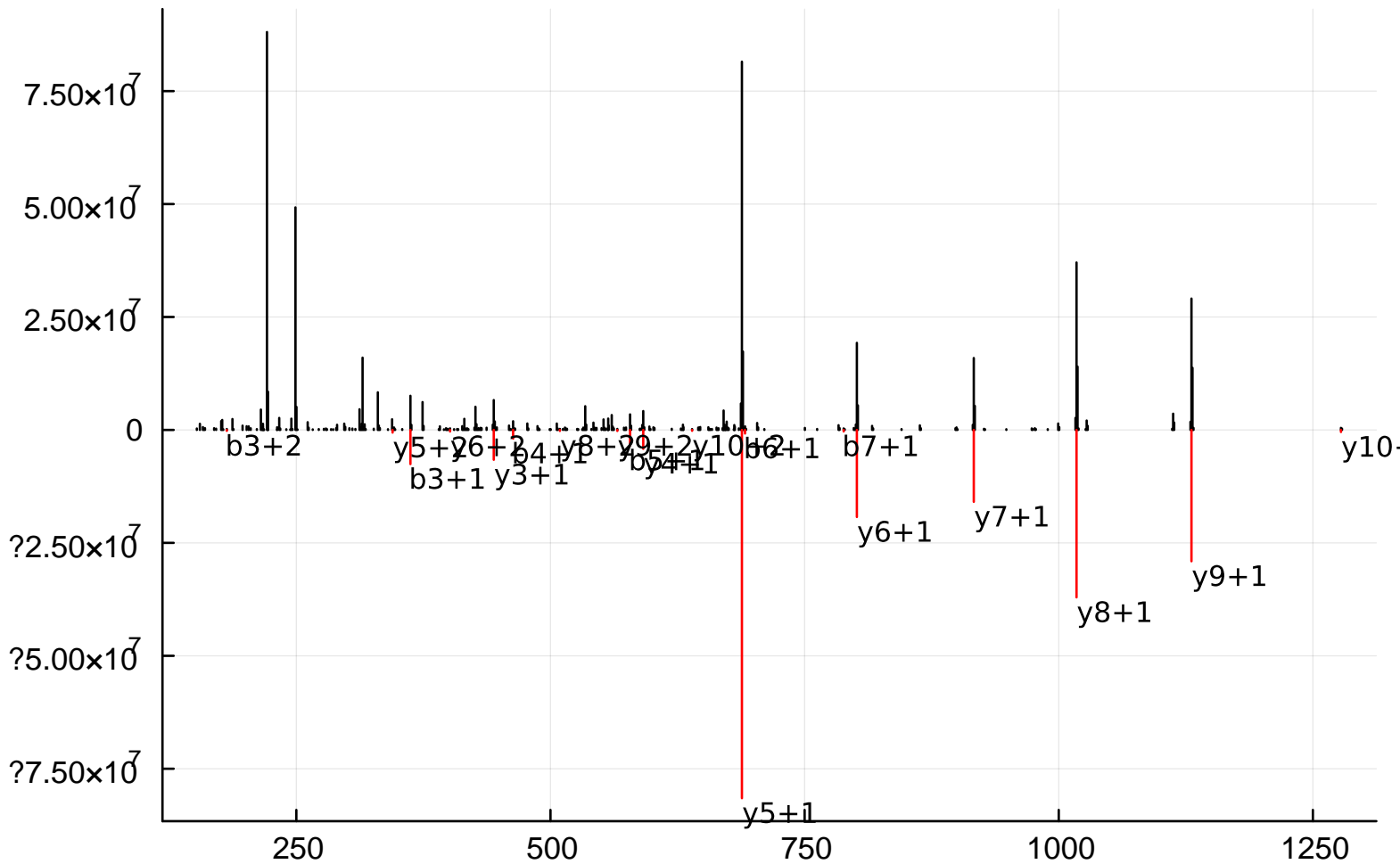
Cd3e- DLYSGLNQR[Harg]

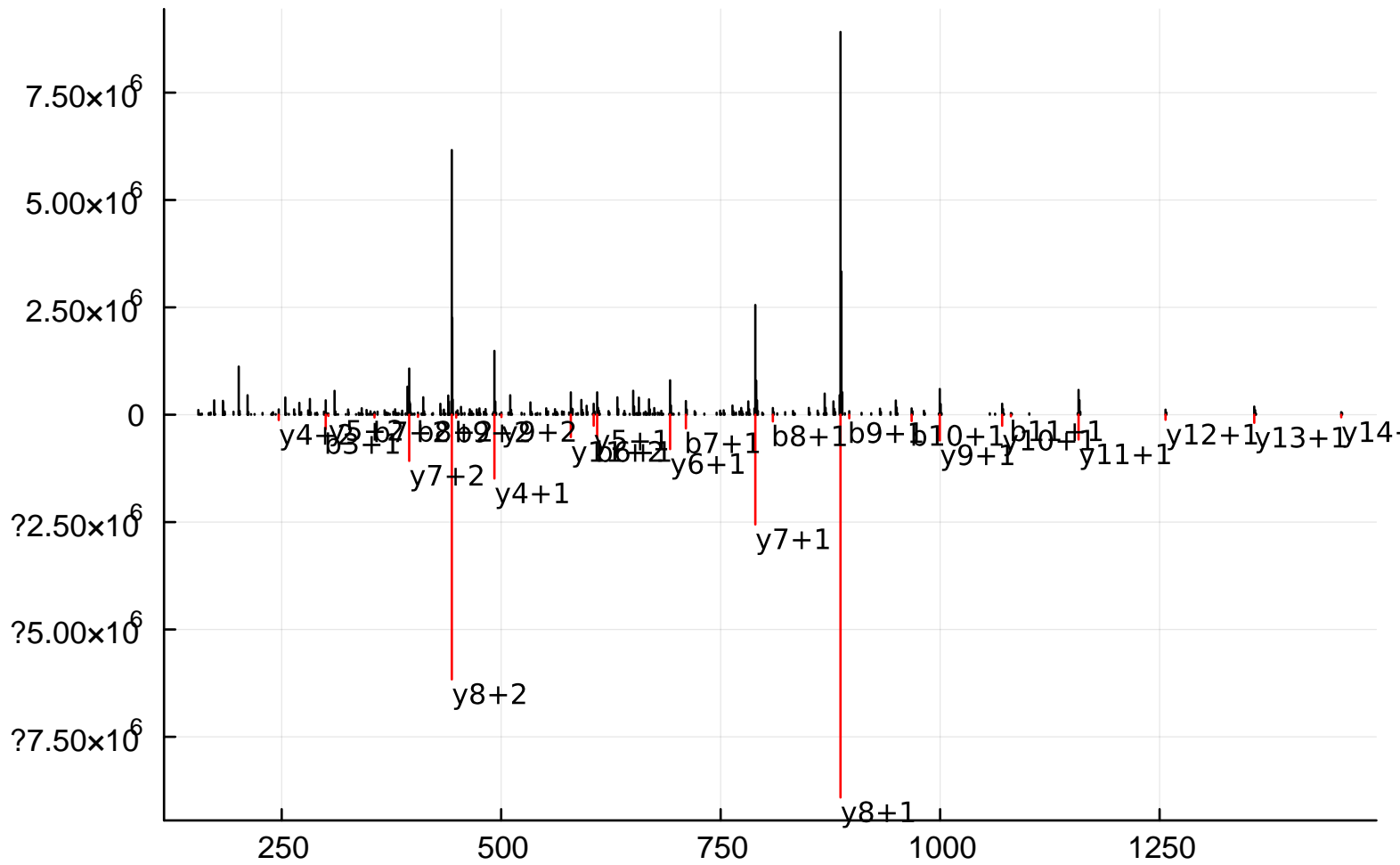Cd86- DMGSYDC[Carb]FIQK[Hlys]

Cd8b- GVLYGESVDK[Hlys]
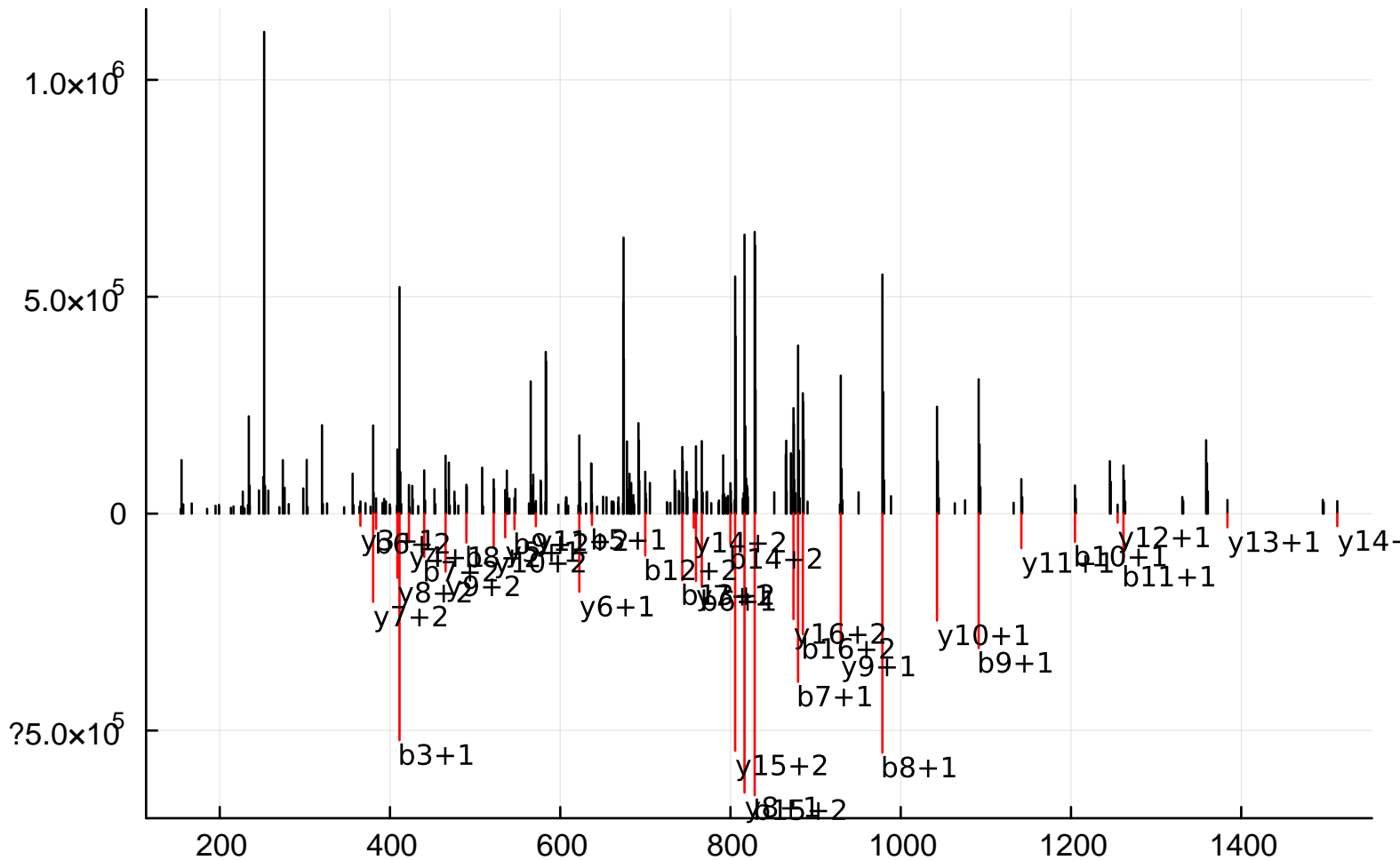
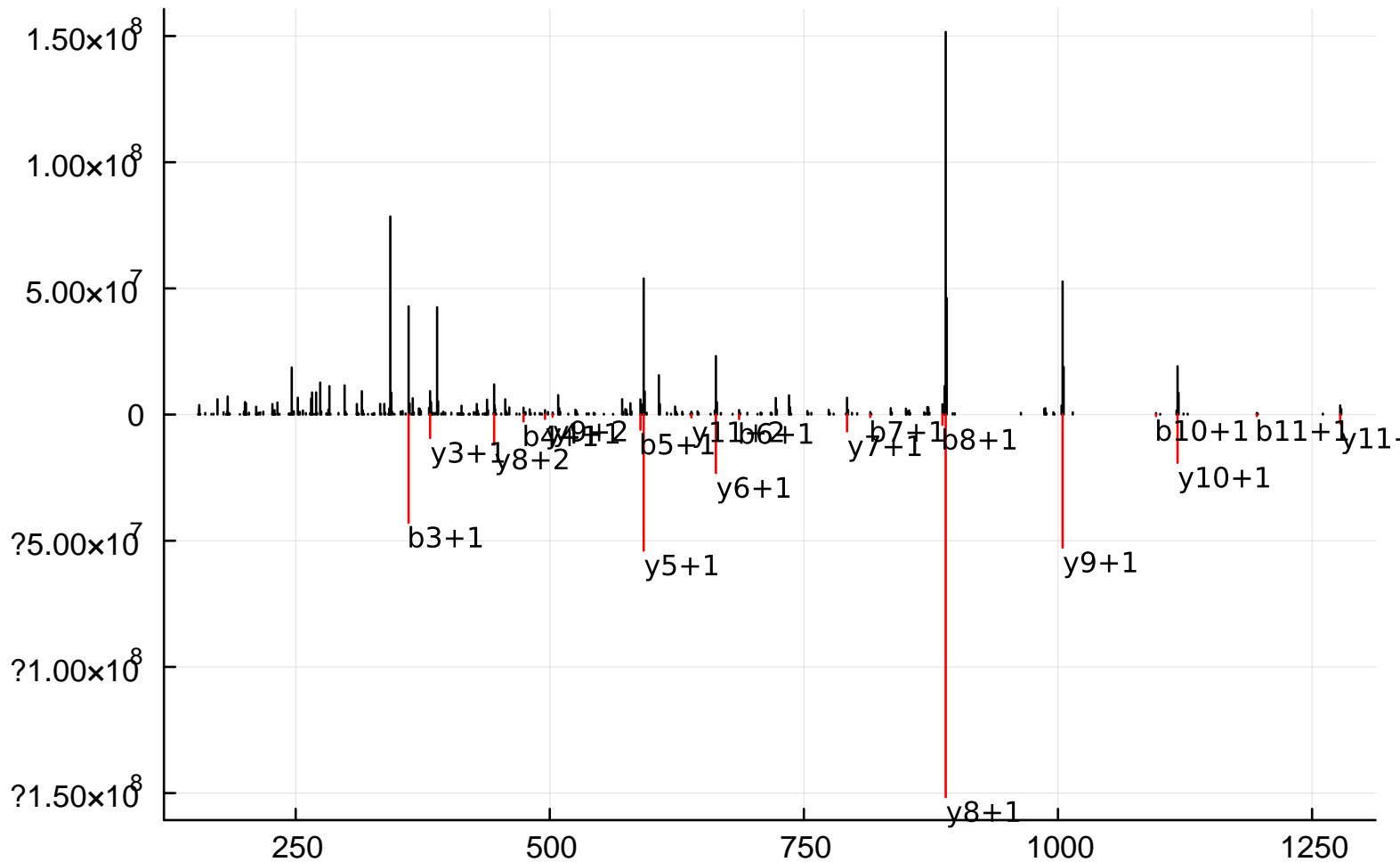Cd8b- LTVVDVLPTTAPTK[Hlys]

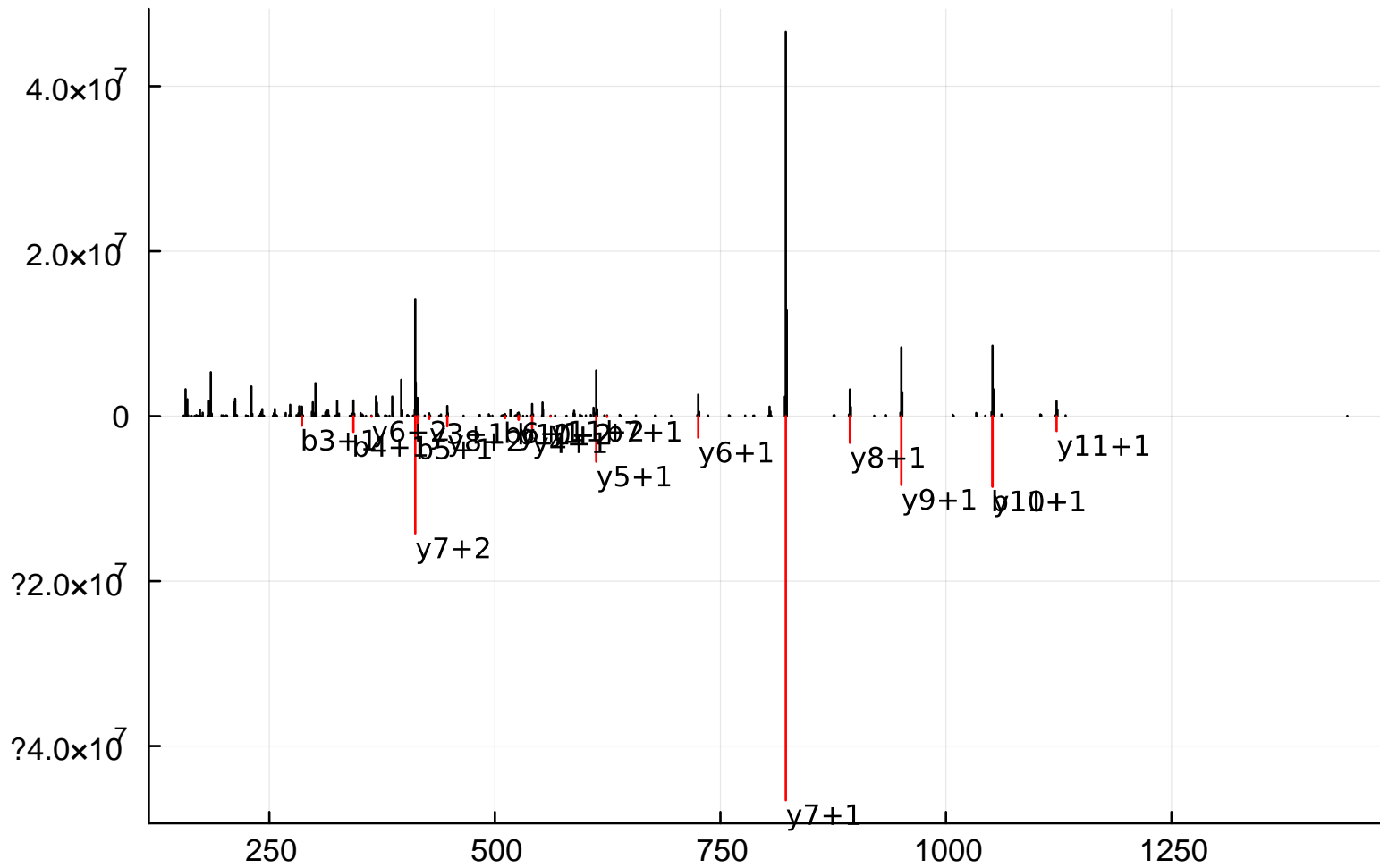Csf2- TFLTDIPFEC[Carb]K[Hlys]

Csf3- EAVPLVTVSALPPSLPLPR[Harg]

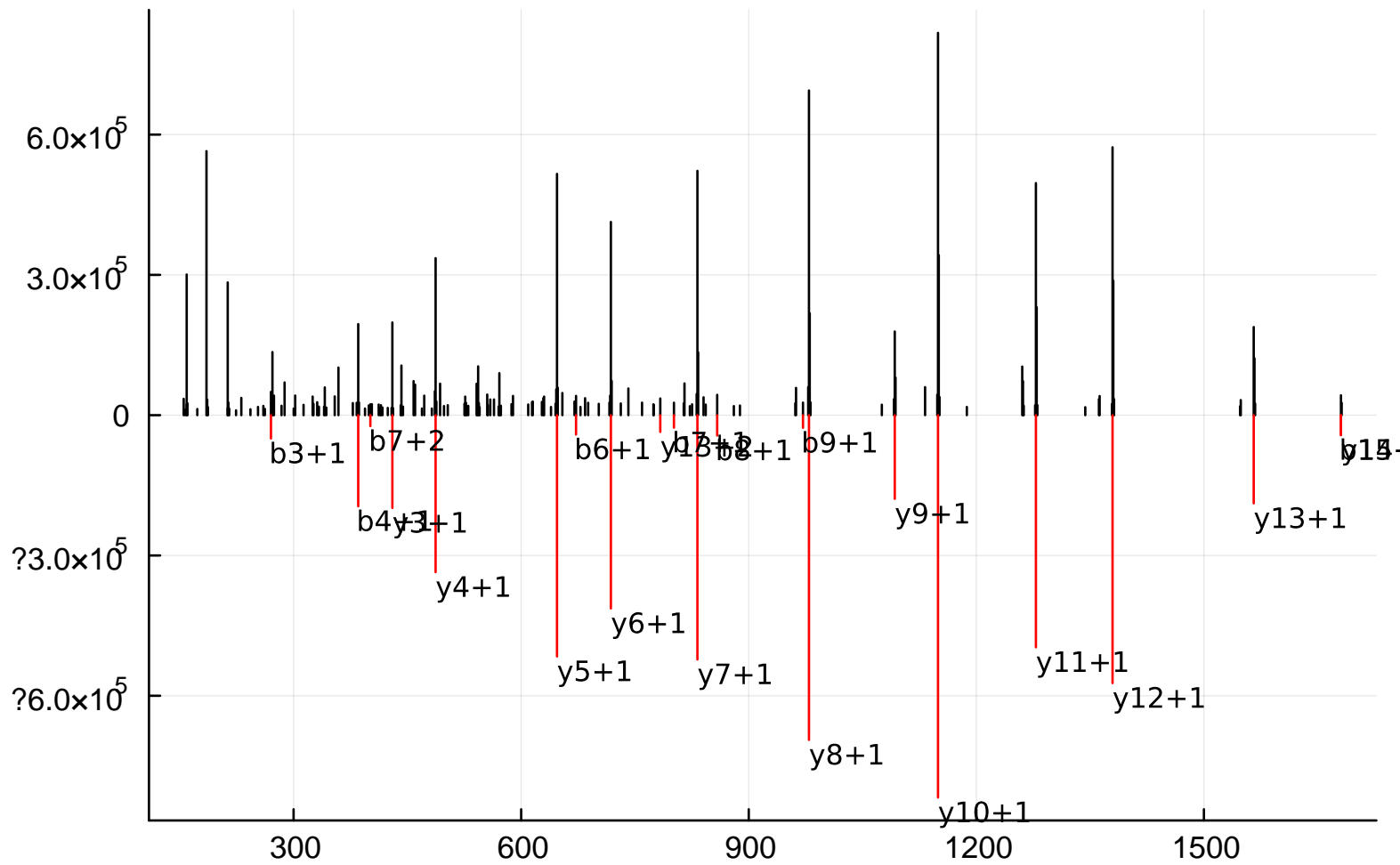# Csf3- LC[Carb]HPEELVLLGHSLGIPK[Hlys]

Cxcl1- EAC[Carb]LDPEAPLVQK[Hlys]

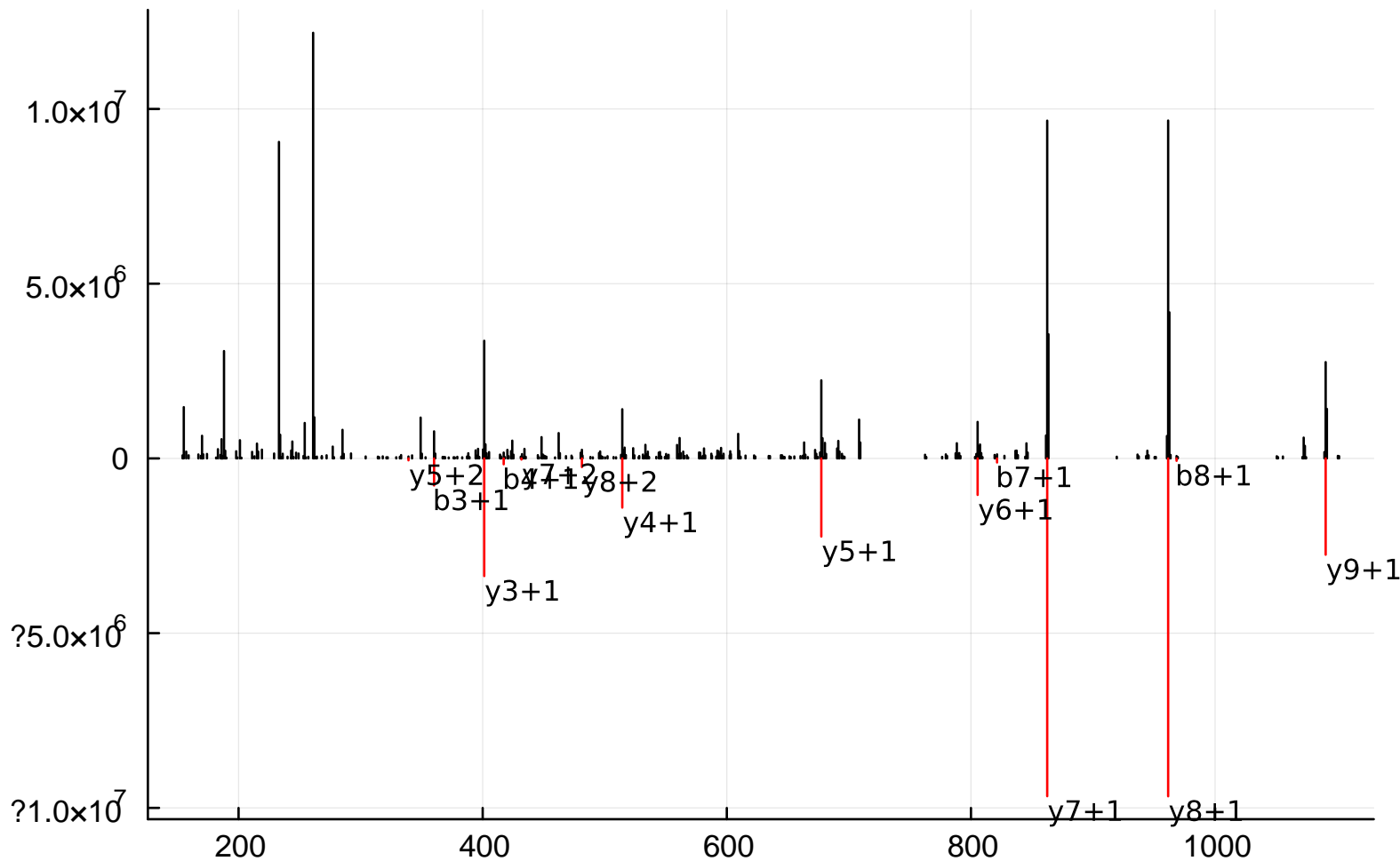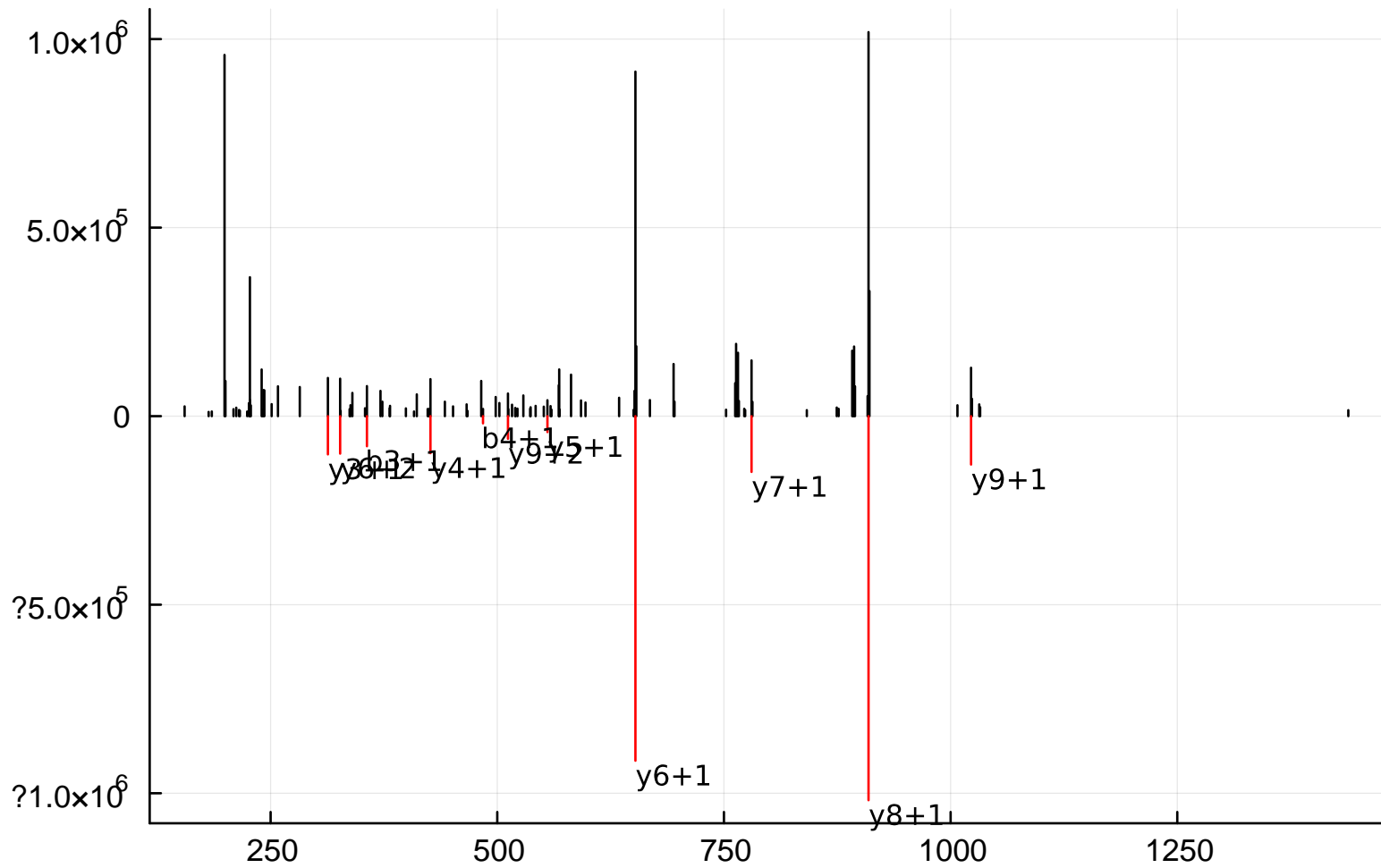Cxcl1- LATGAPIANELR[Harg]
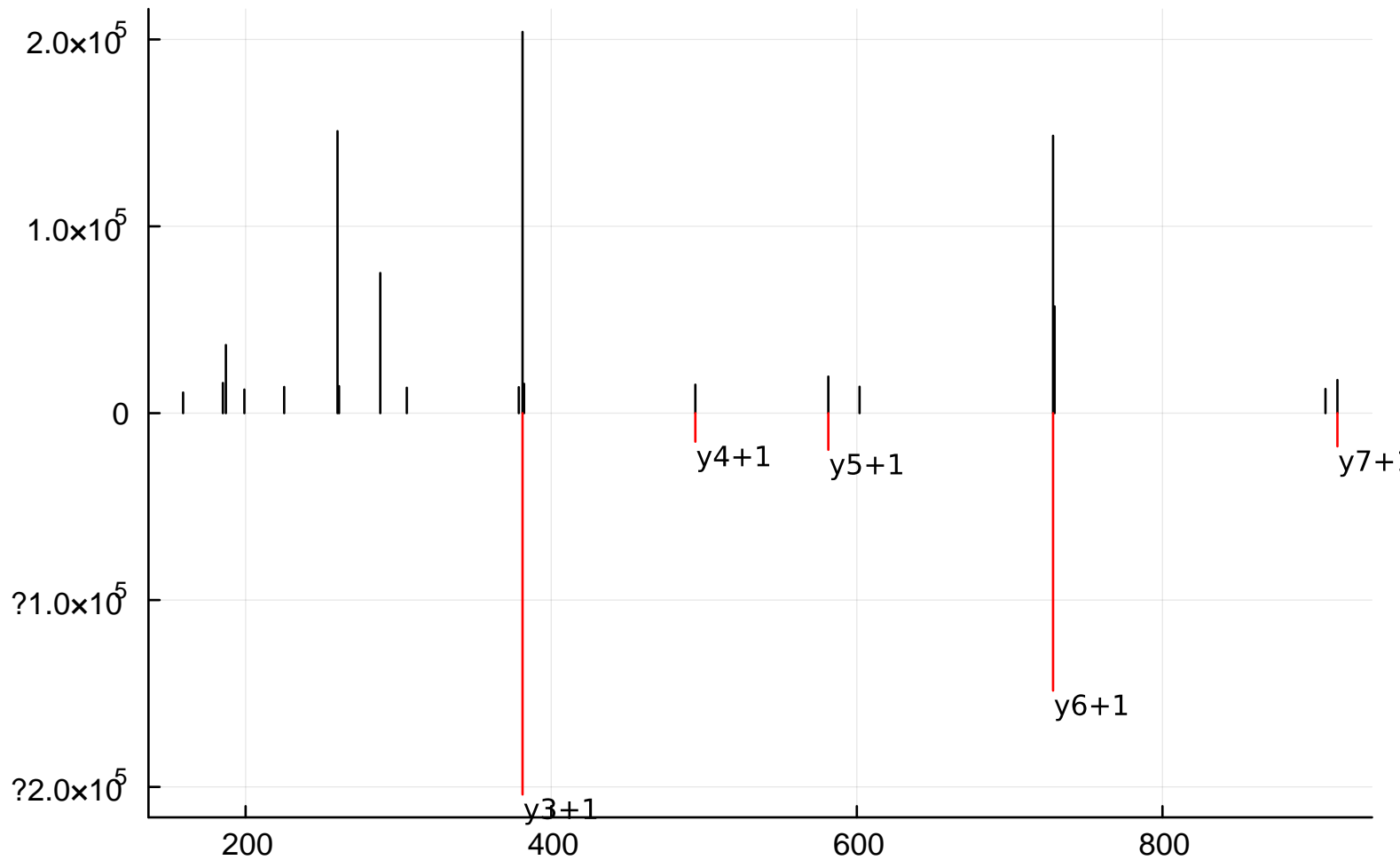
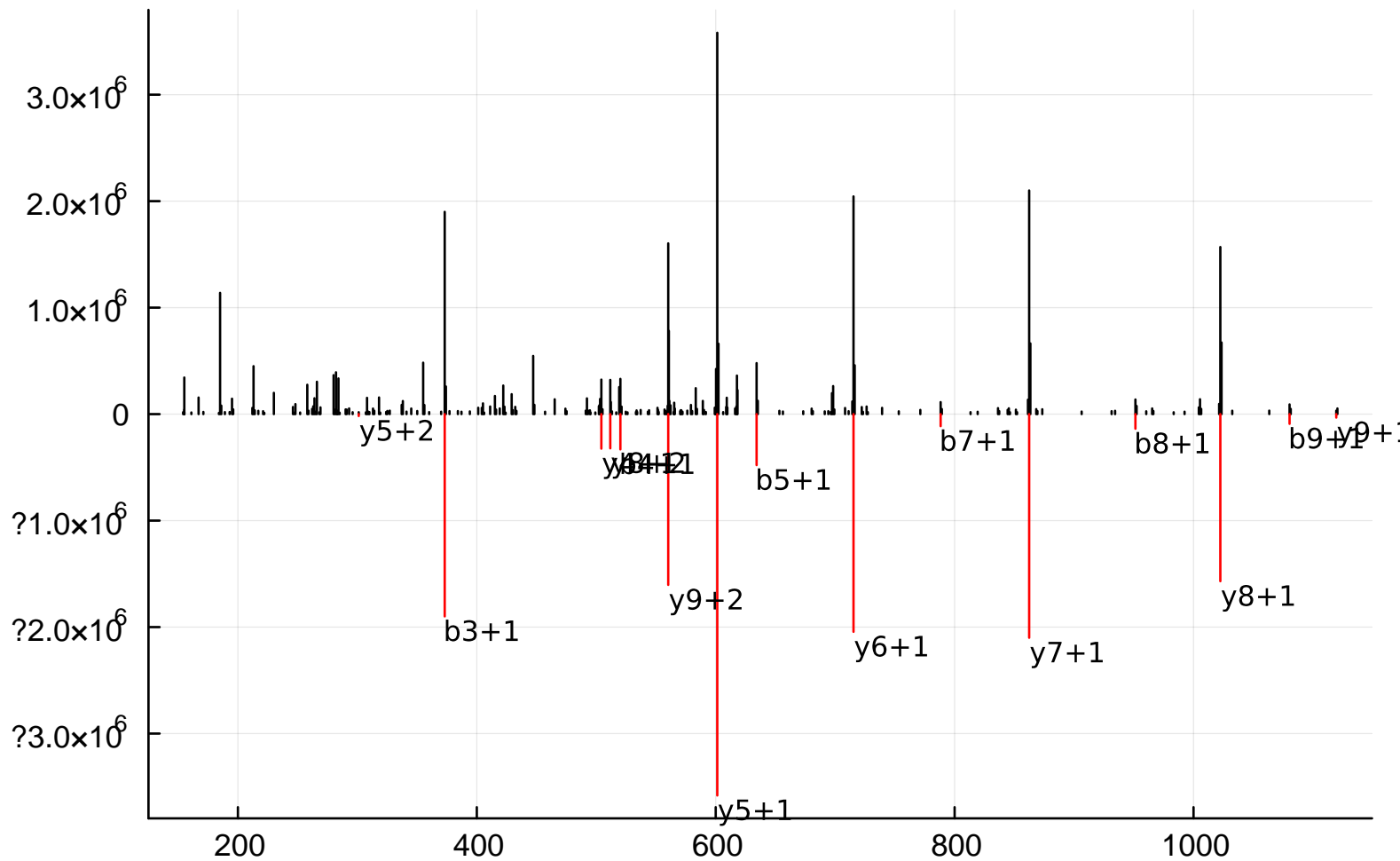Cybb- IVGDWTEGLFNAC[Carb]GC[Carb]DK[Hlys]

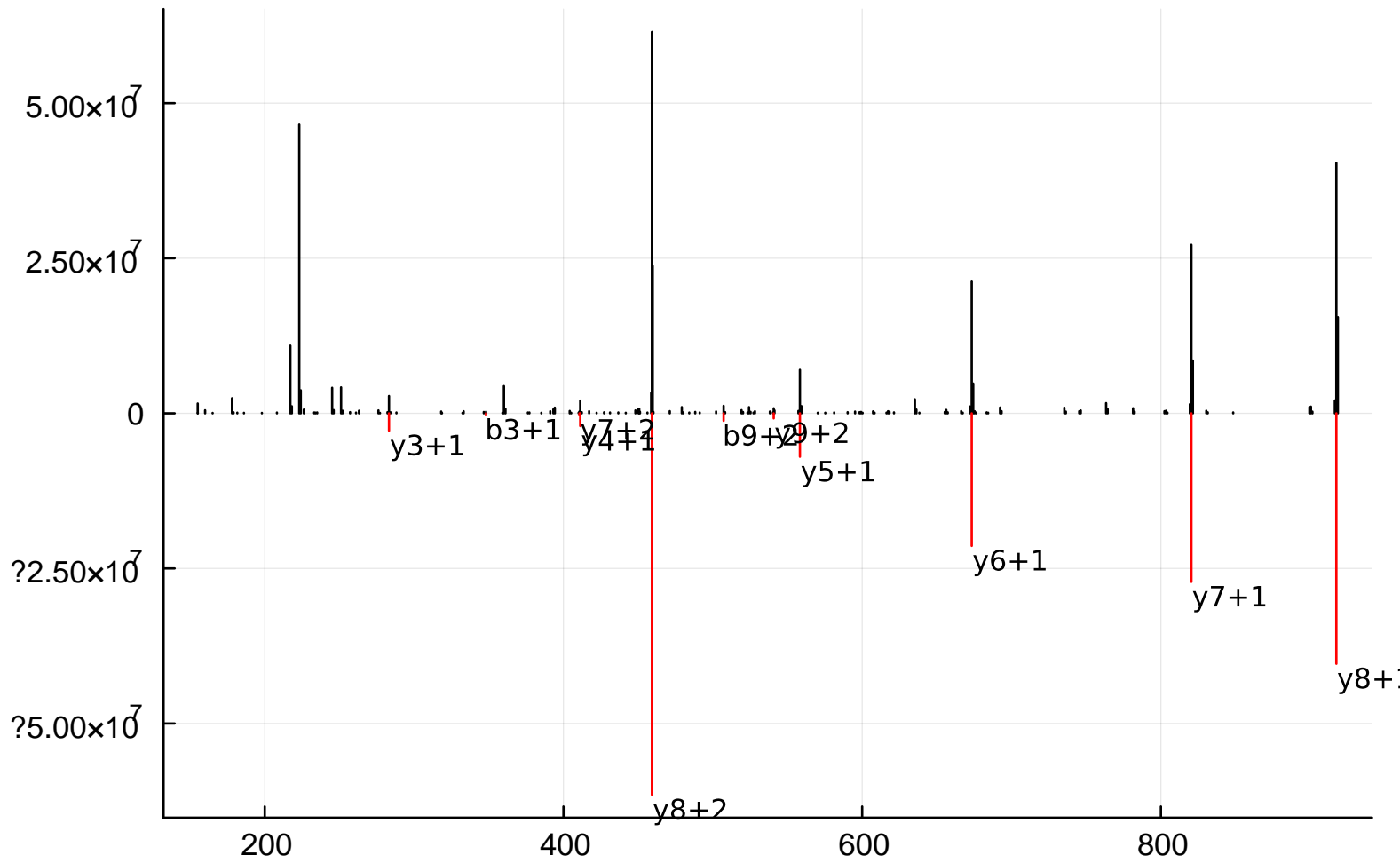Cybb- MEVGQYIFVK[Hlys]
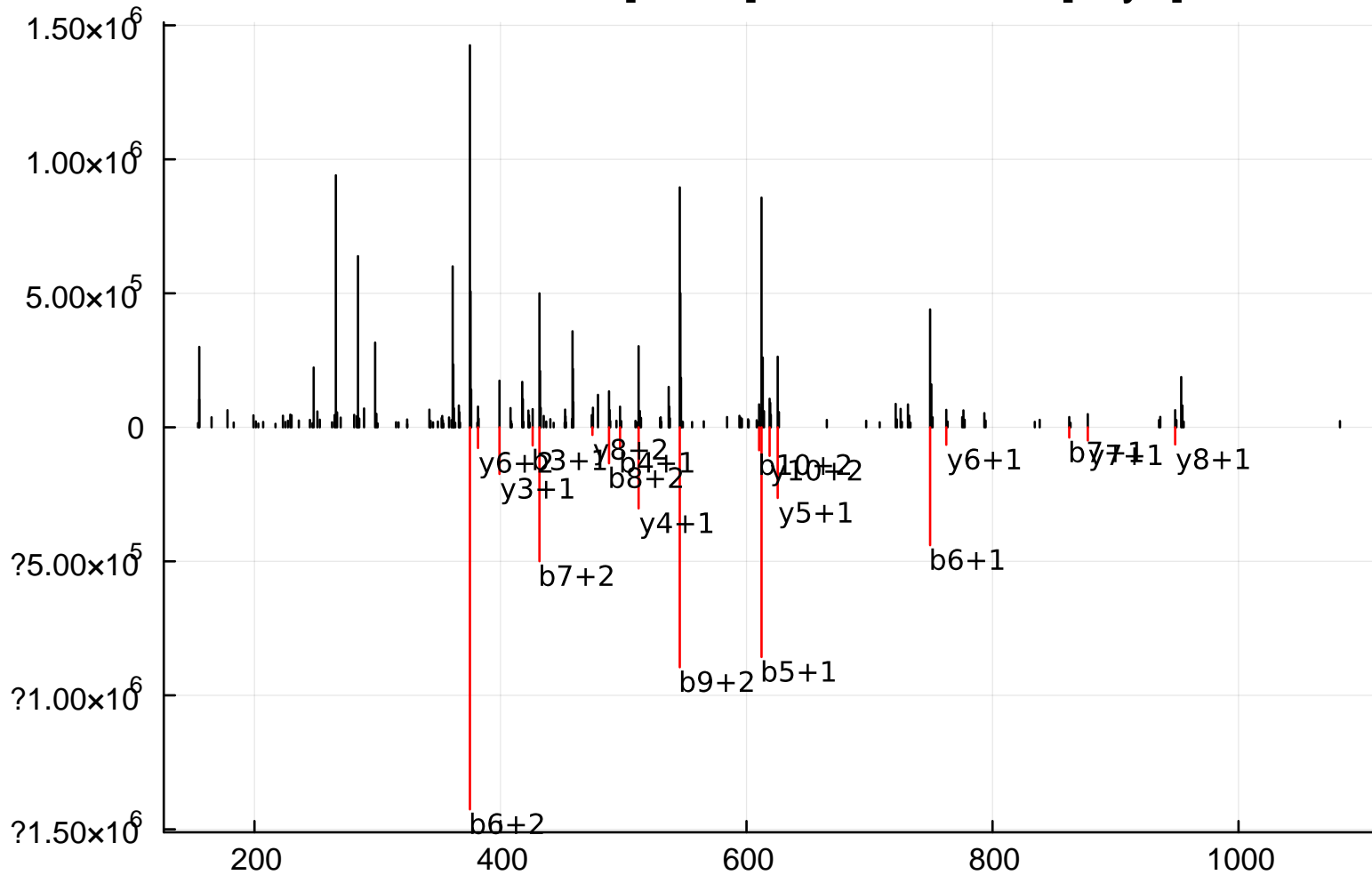
DYR- LIEQPELASK[Hlys]

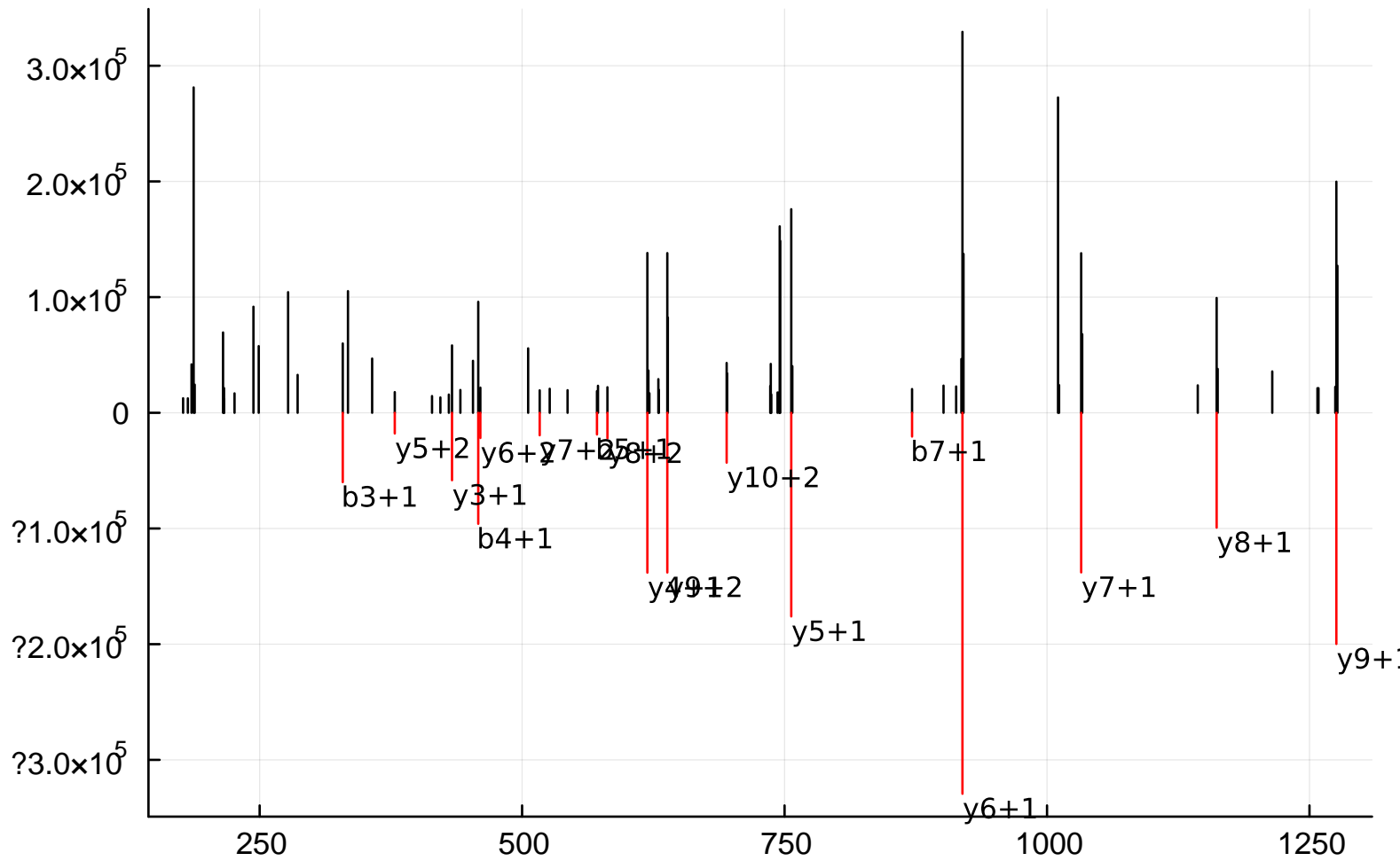# DYR- TWFSIPEK[Hlys]

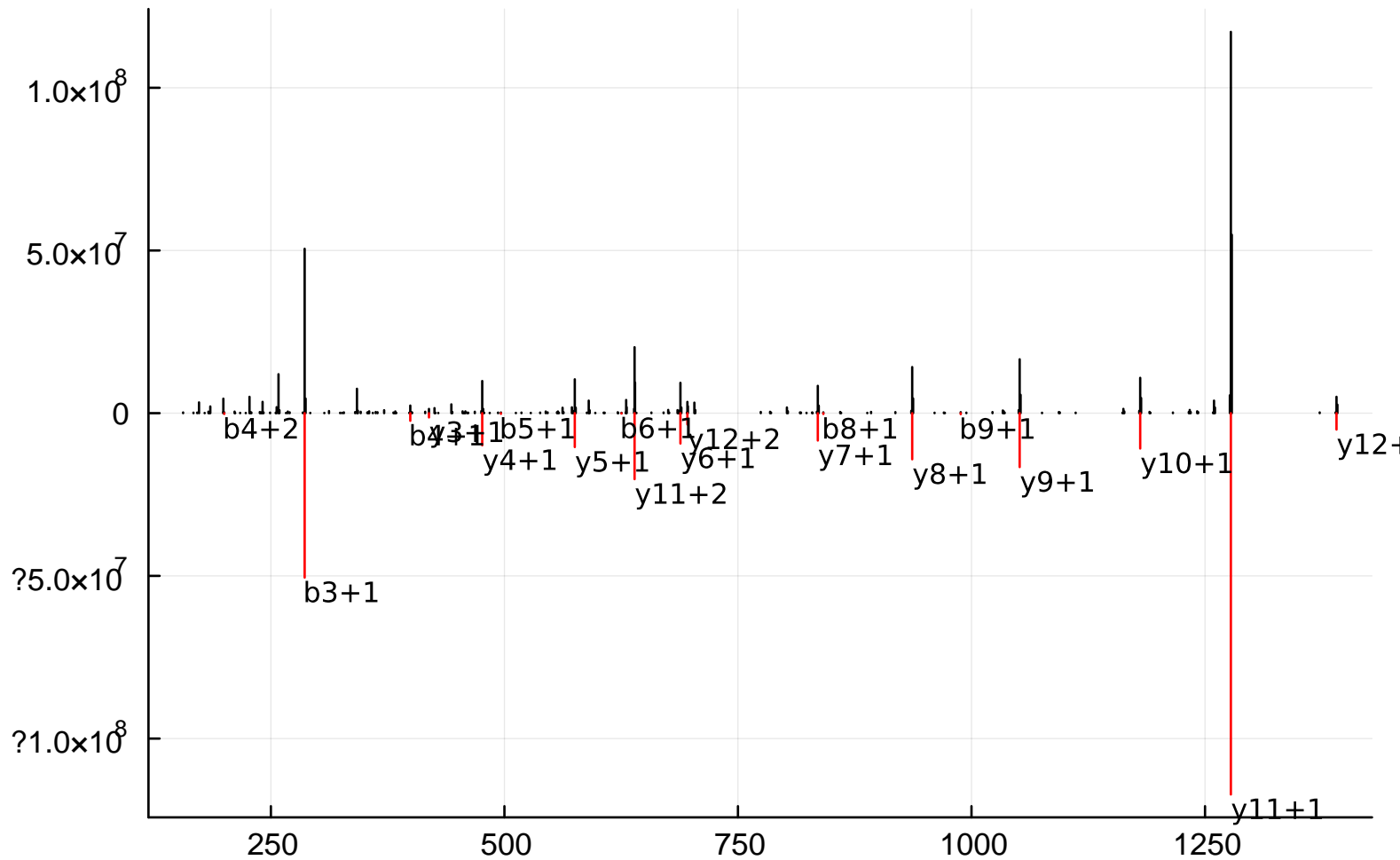ENTP1- DPC[Carb]FNPGYEK[Hlys]

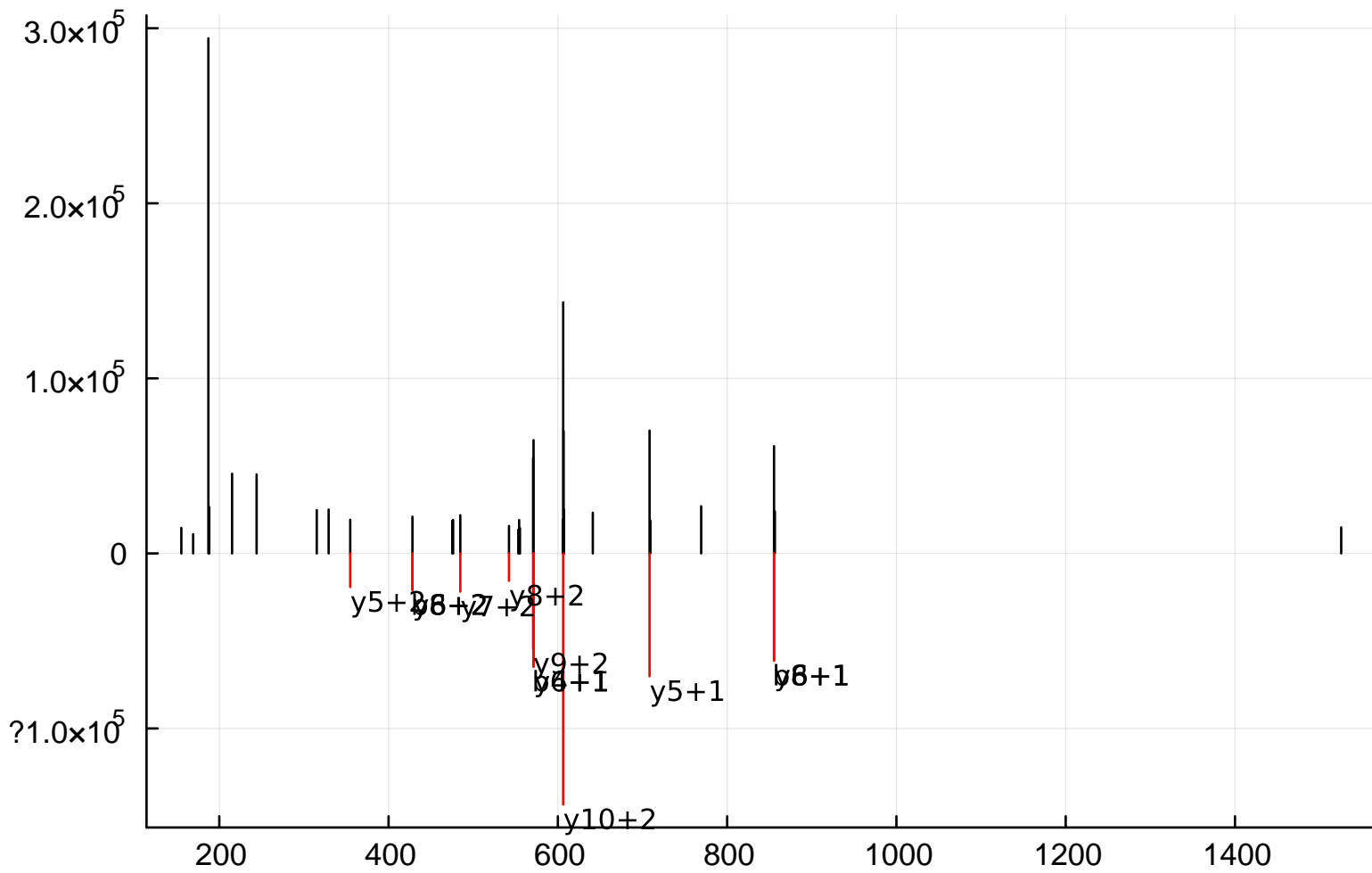# ENTP1- SYPFDFQGAK[Hlys]
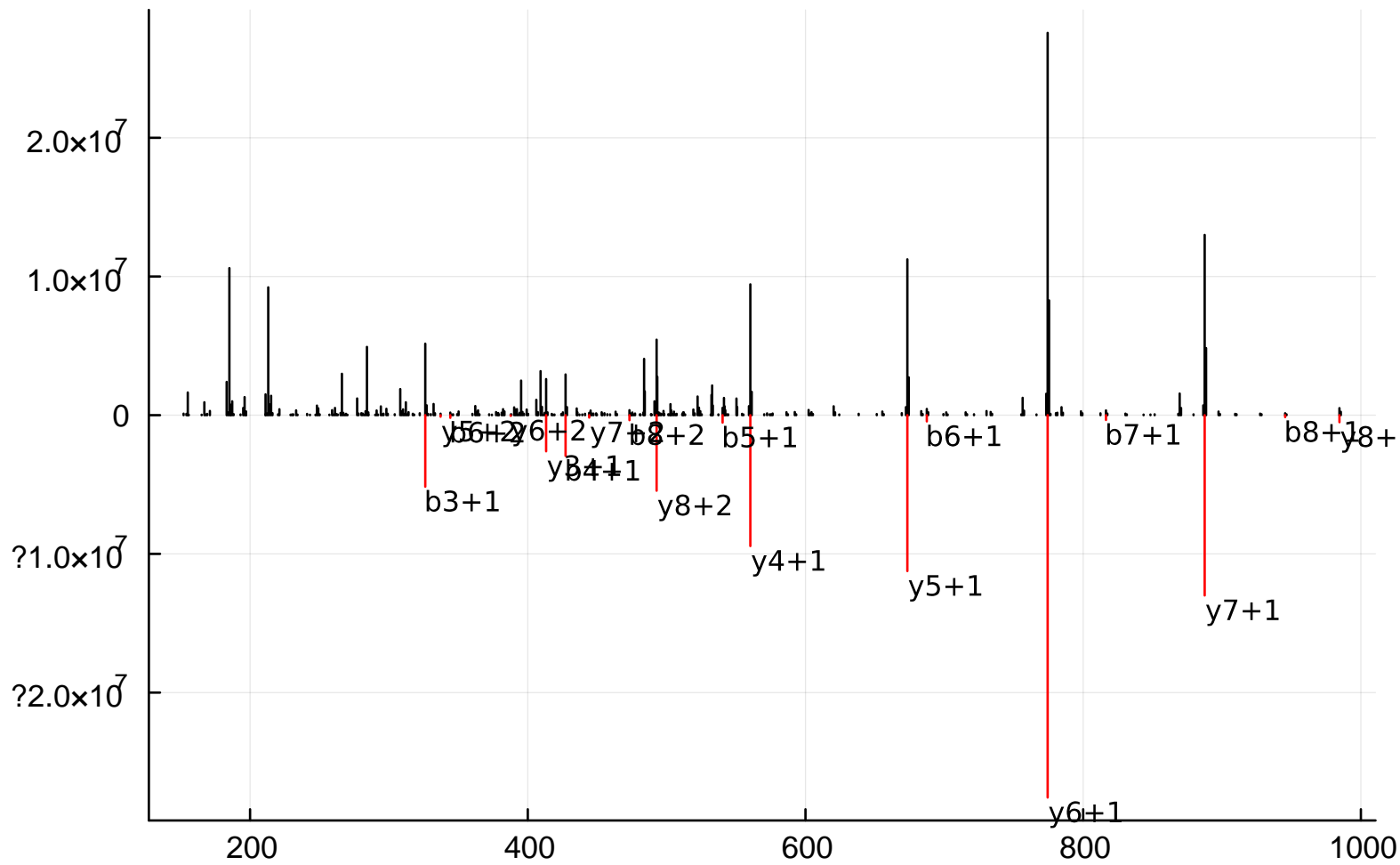
FOXP3- HC[Carb]QADHLLDEK[Hlys]
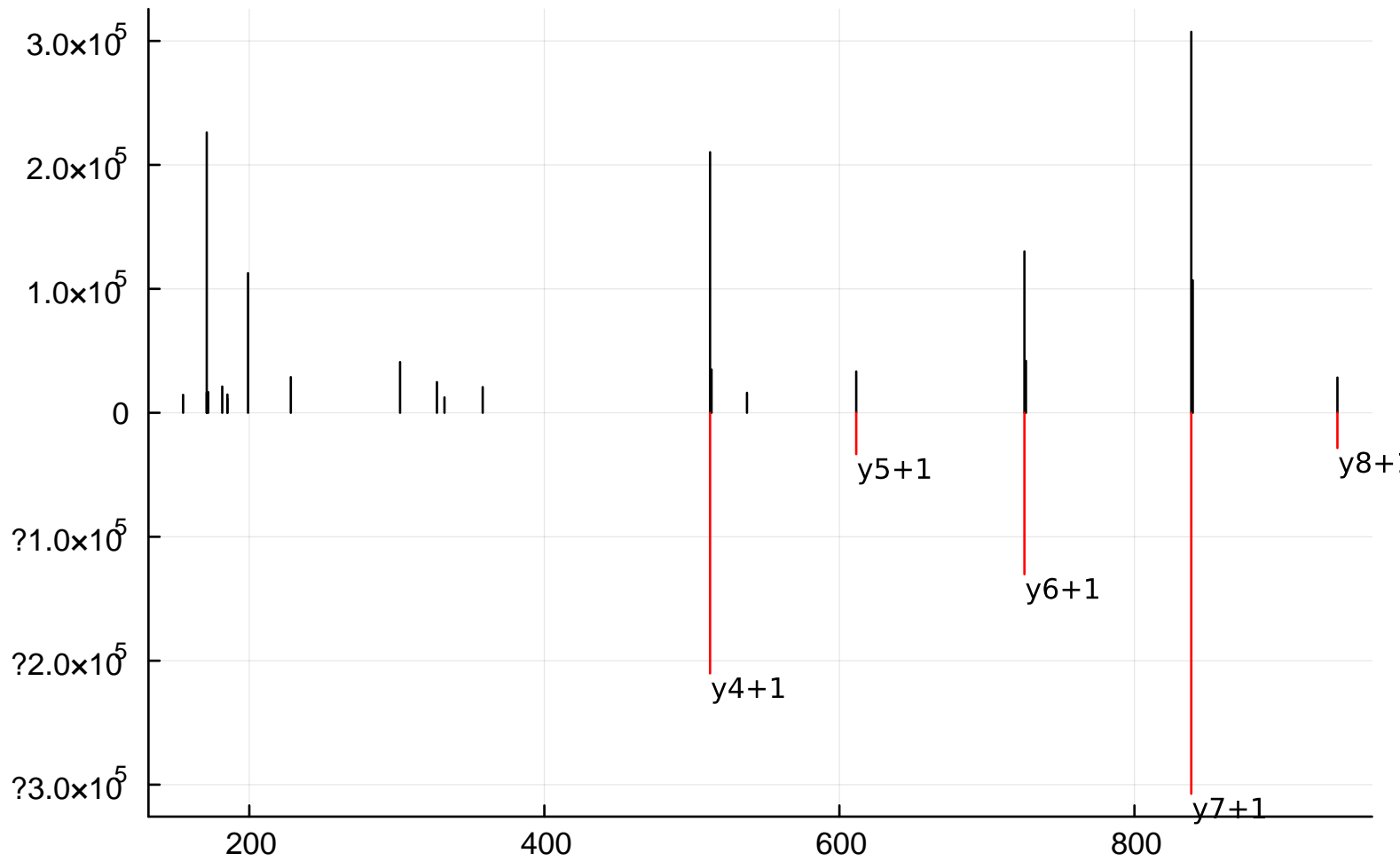
FOXP3- TLNEIYHWFTR[Harg]

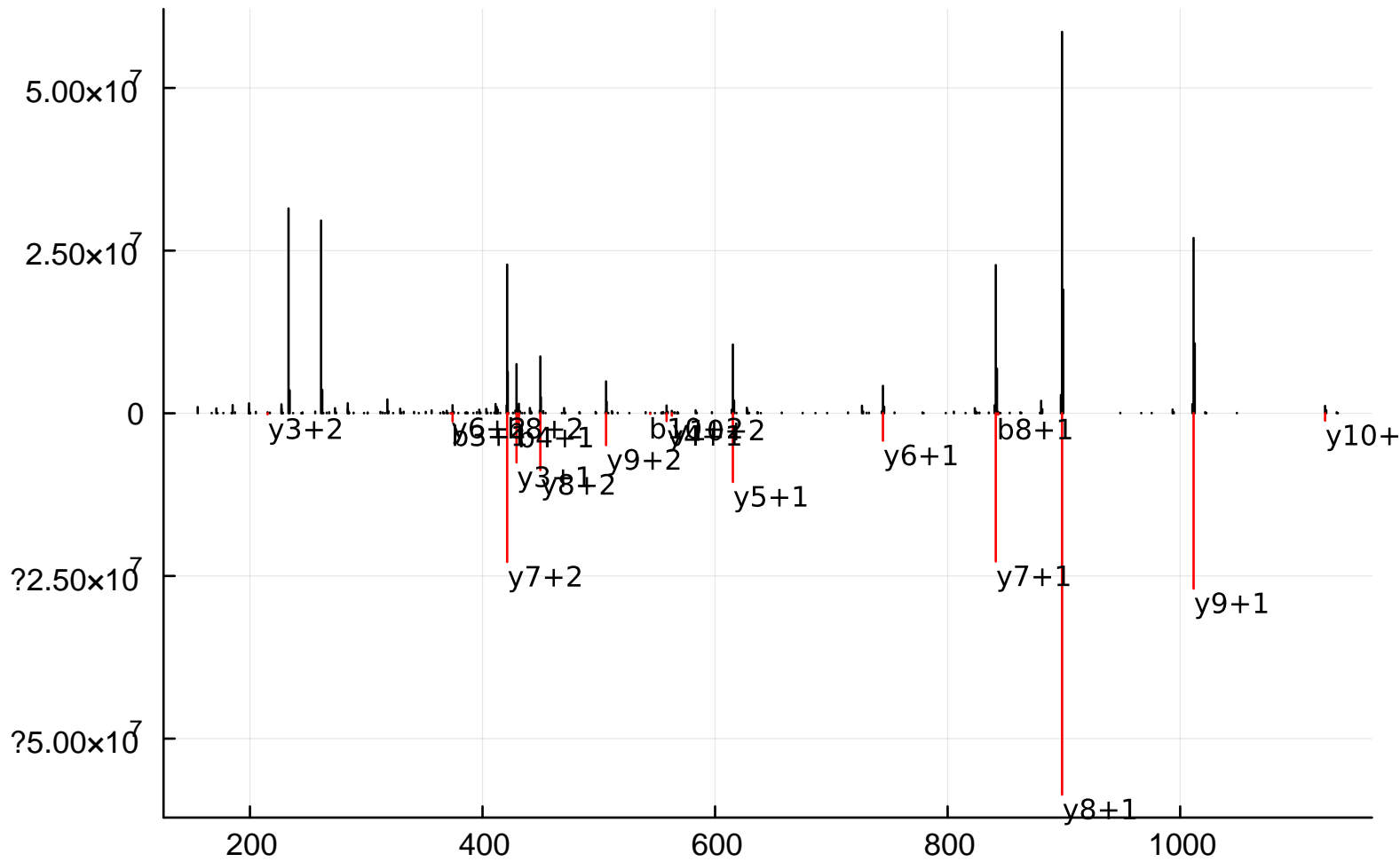G6PD1- DGLLPEDTFIVGYAR[Harg]

G6PD1- DVAGDIFHQQC[Carb]K[Hlys]
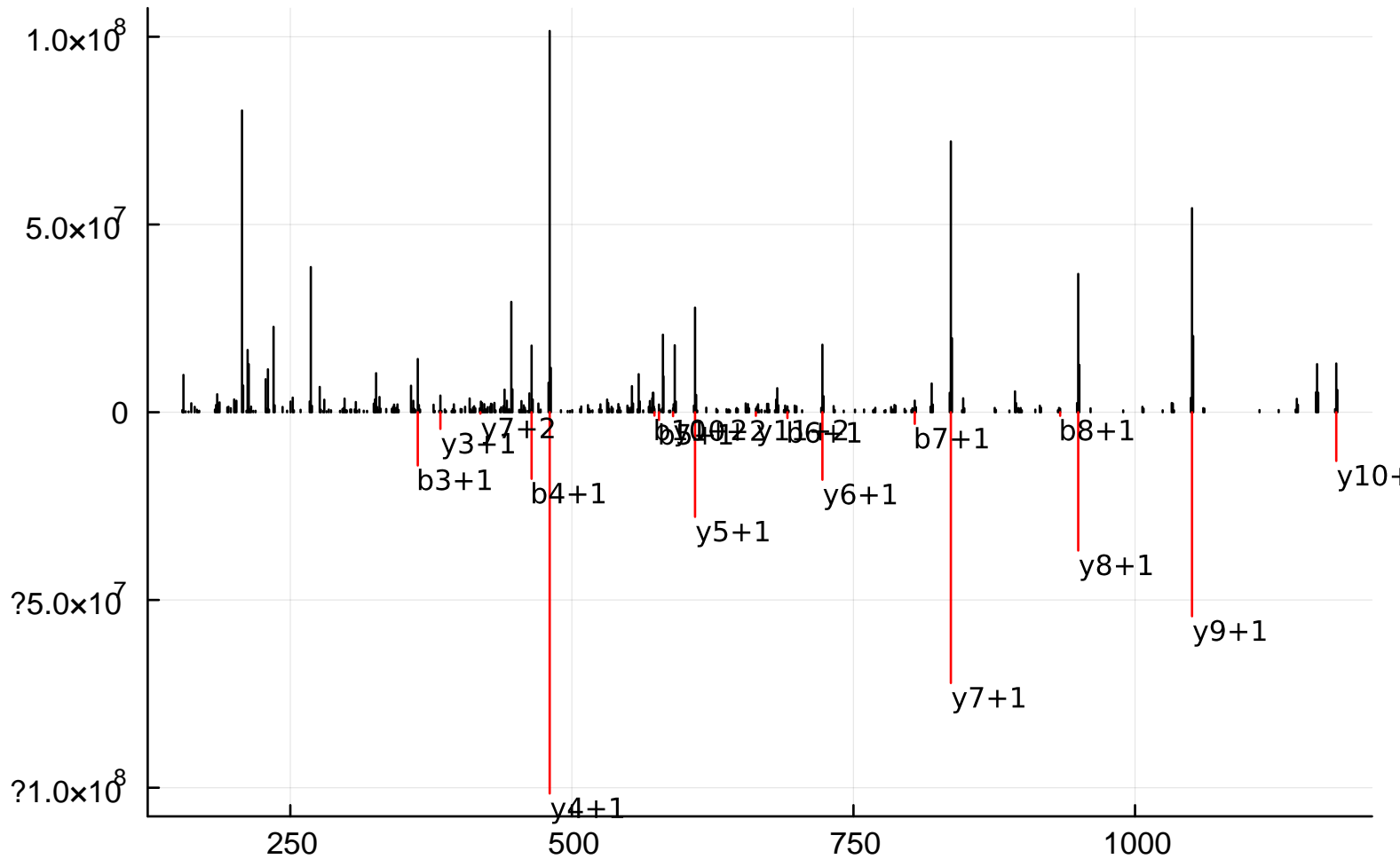
GCLC- DPLTLFEEK[Hlys]

GCLC- VVINVPIFK[Hlys]
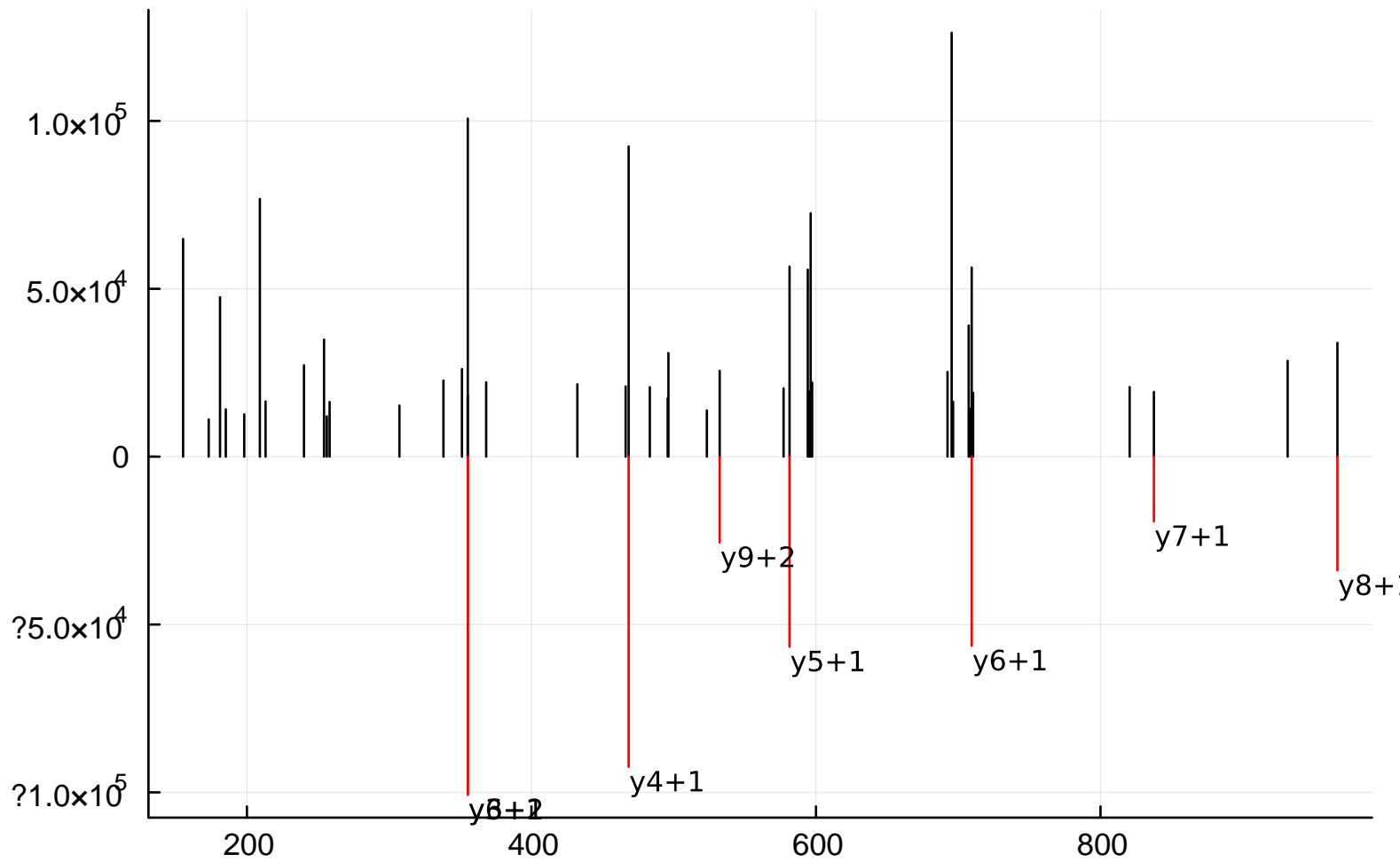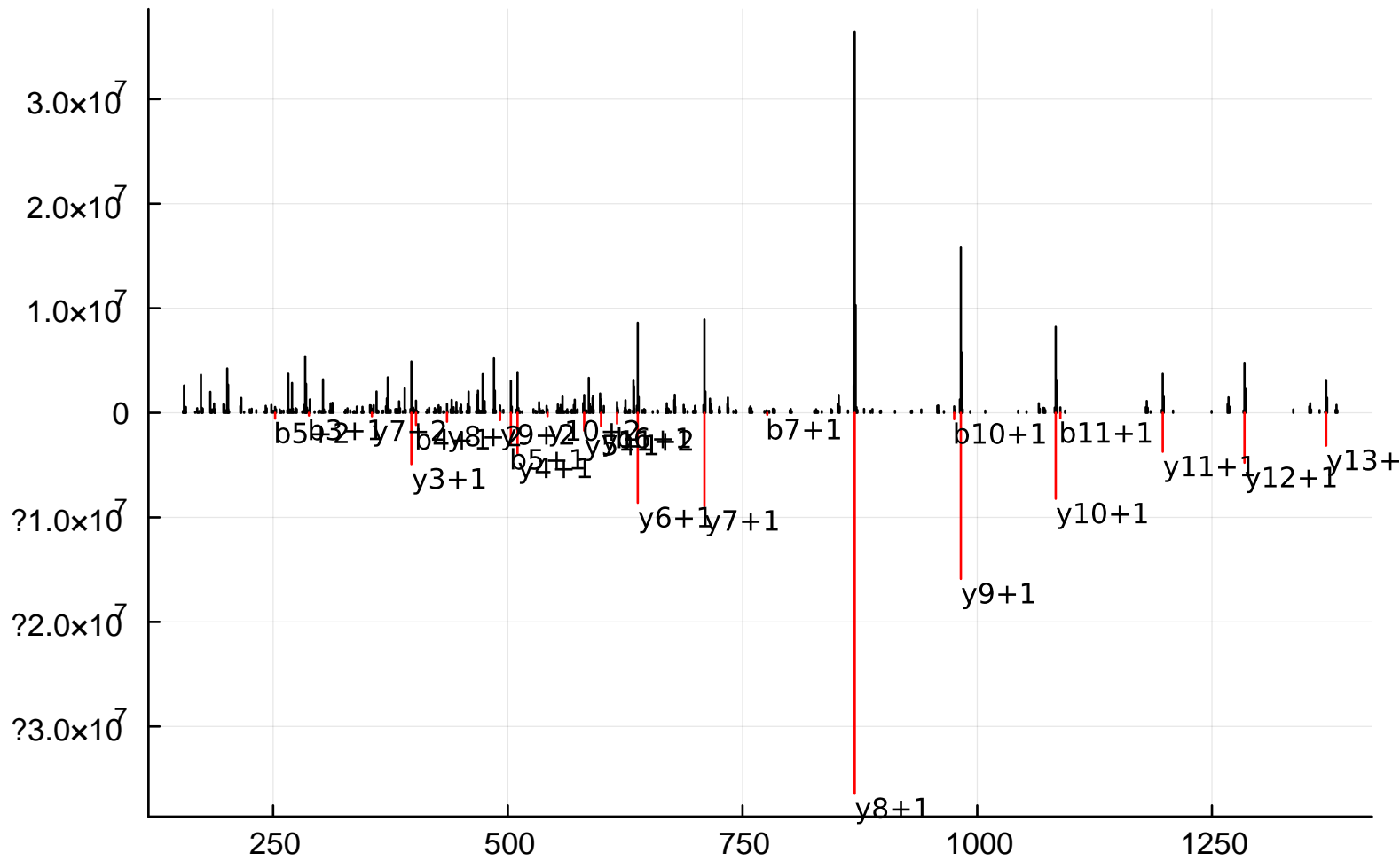

y5+1

y8+1

y6+1

y4+1
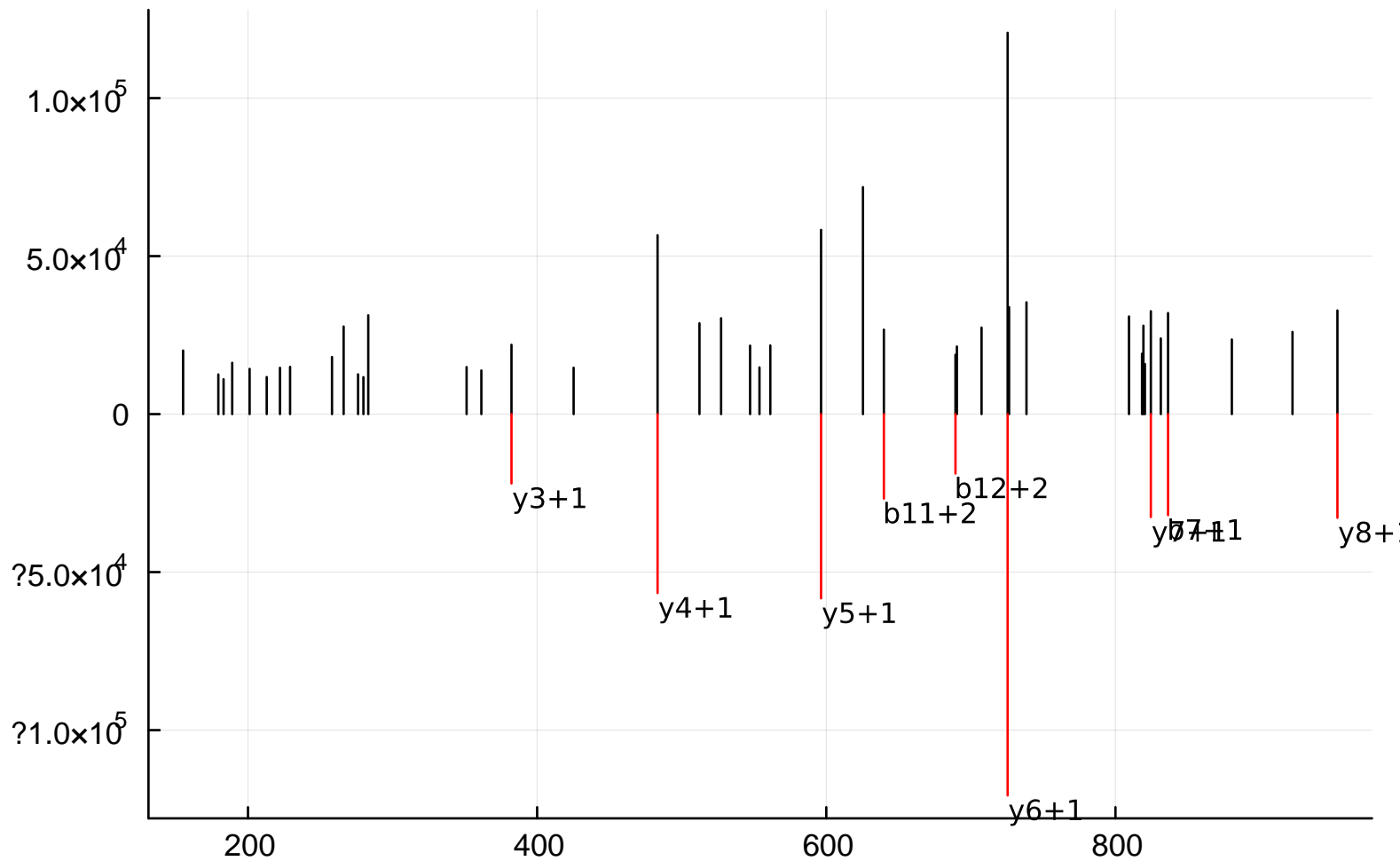
y7+1

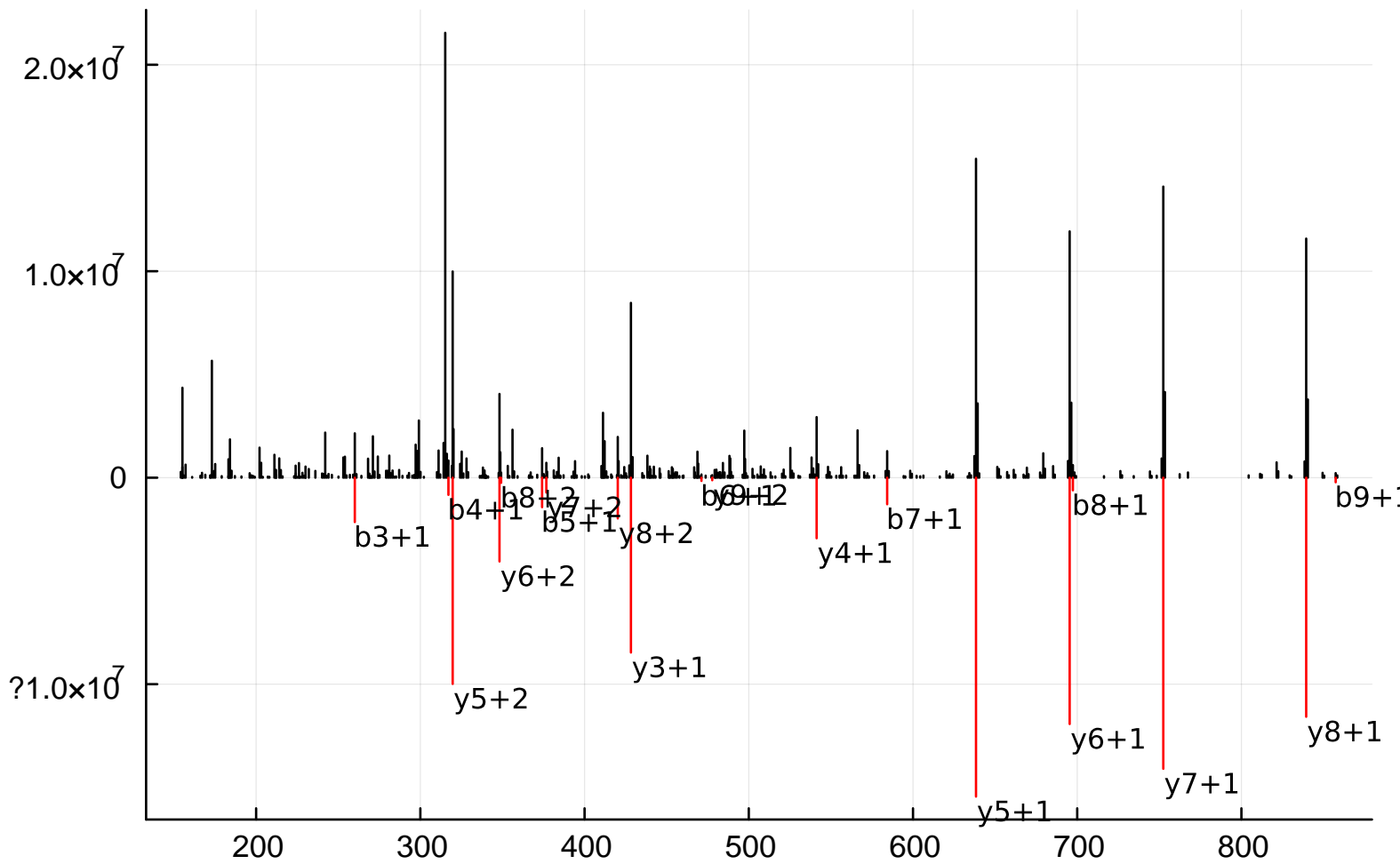Gpx2- FLIGPEGEPFR[Harg]

Gpx2- SFQTINIEPDIK[Hlys]
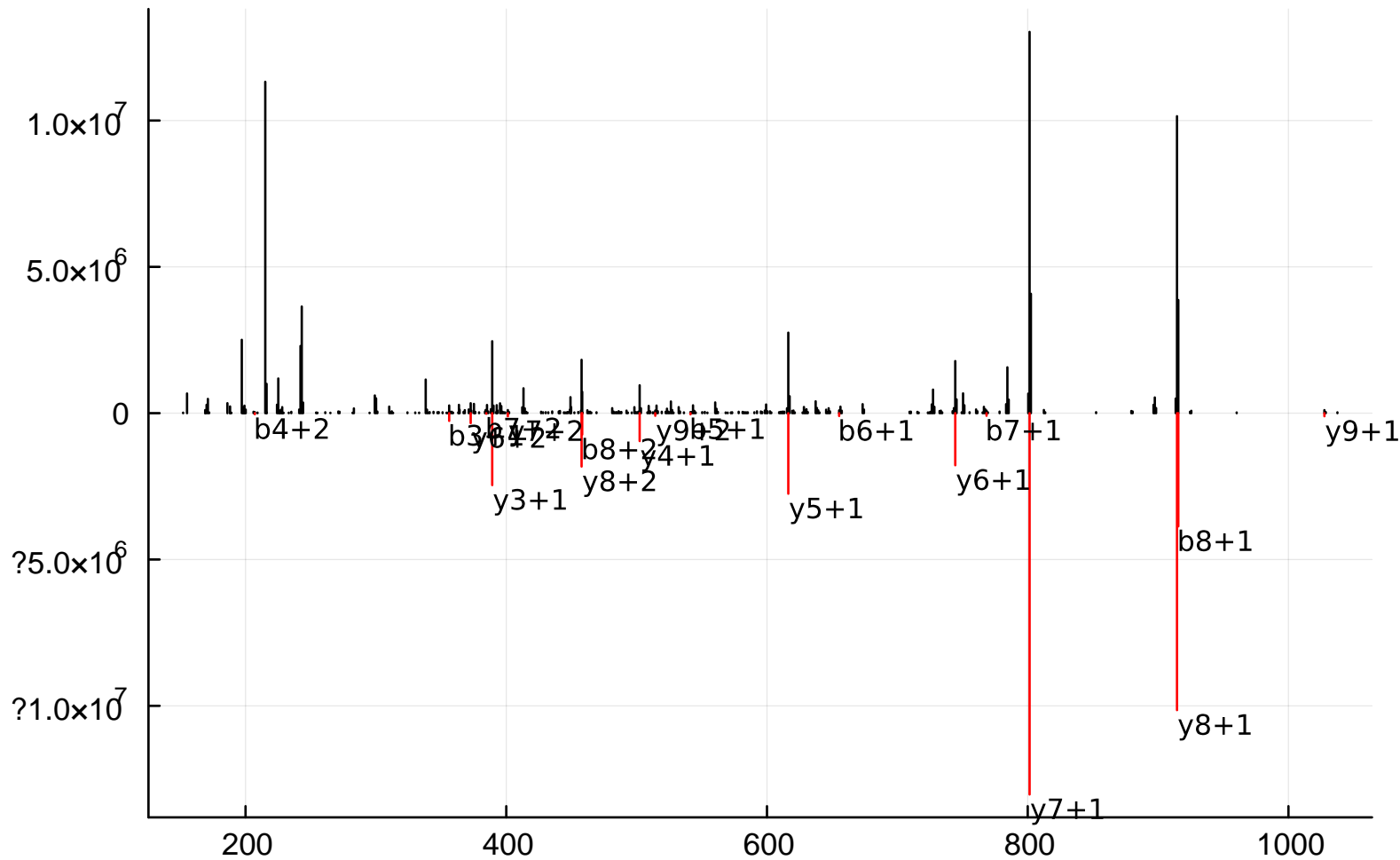
Gzma- EPEQQILTVK[Hlys]

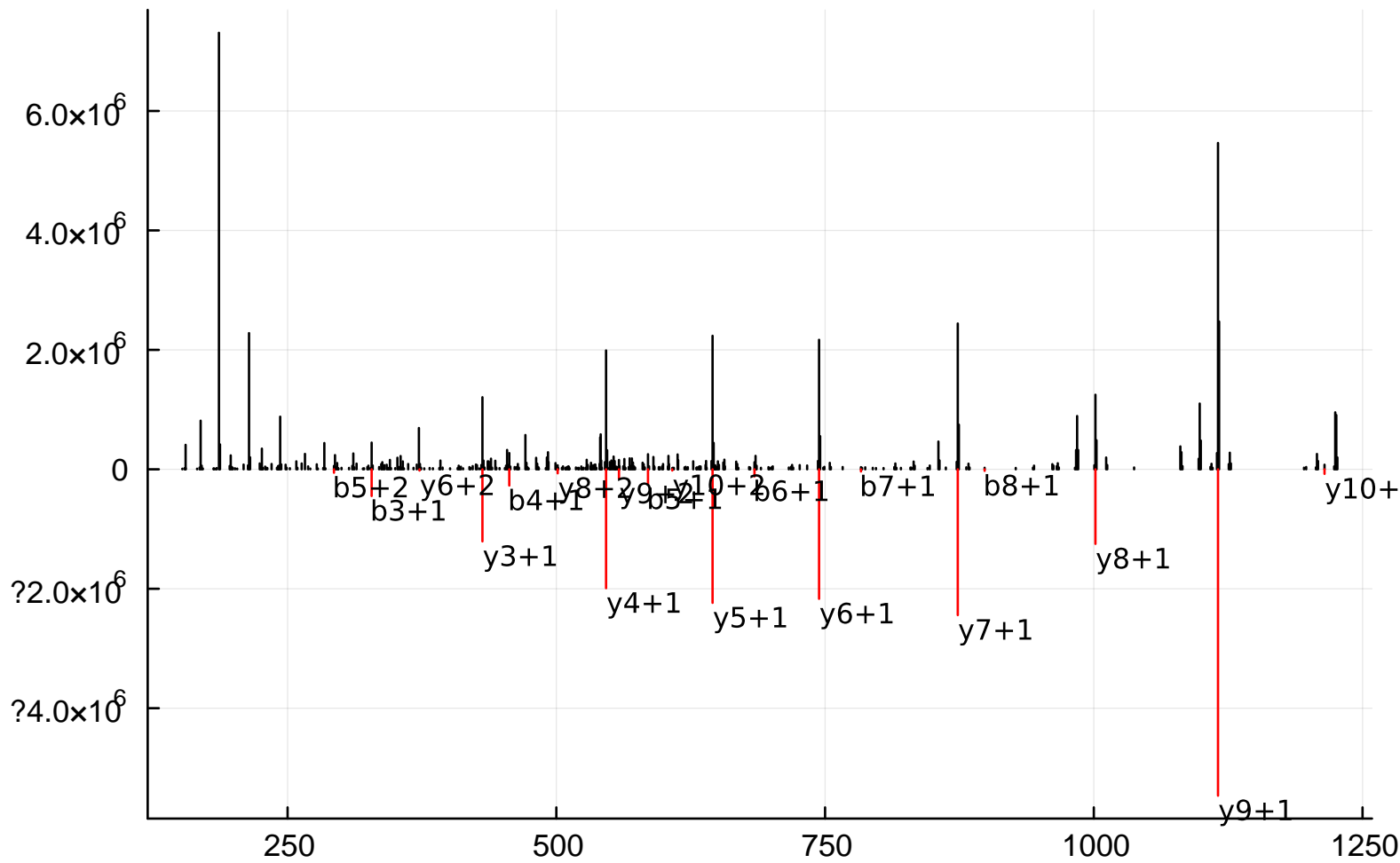# Gzma- LSSNTIC[Carb]AGALIEK[Hlys]
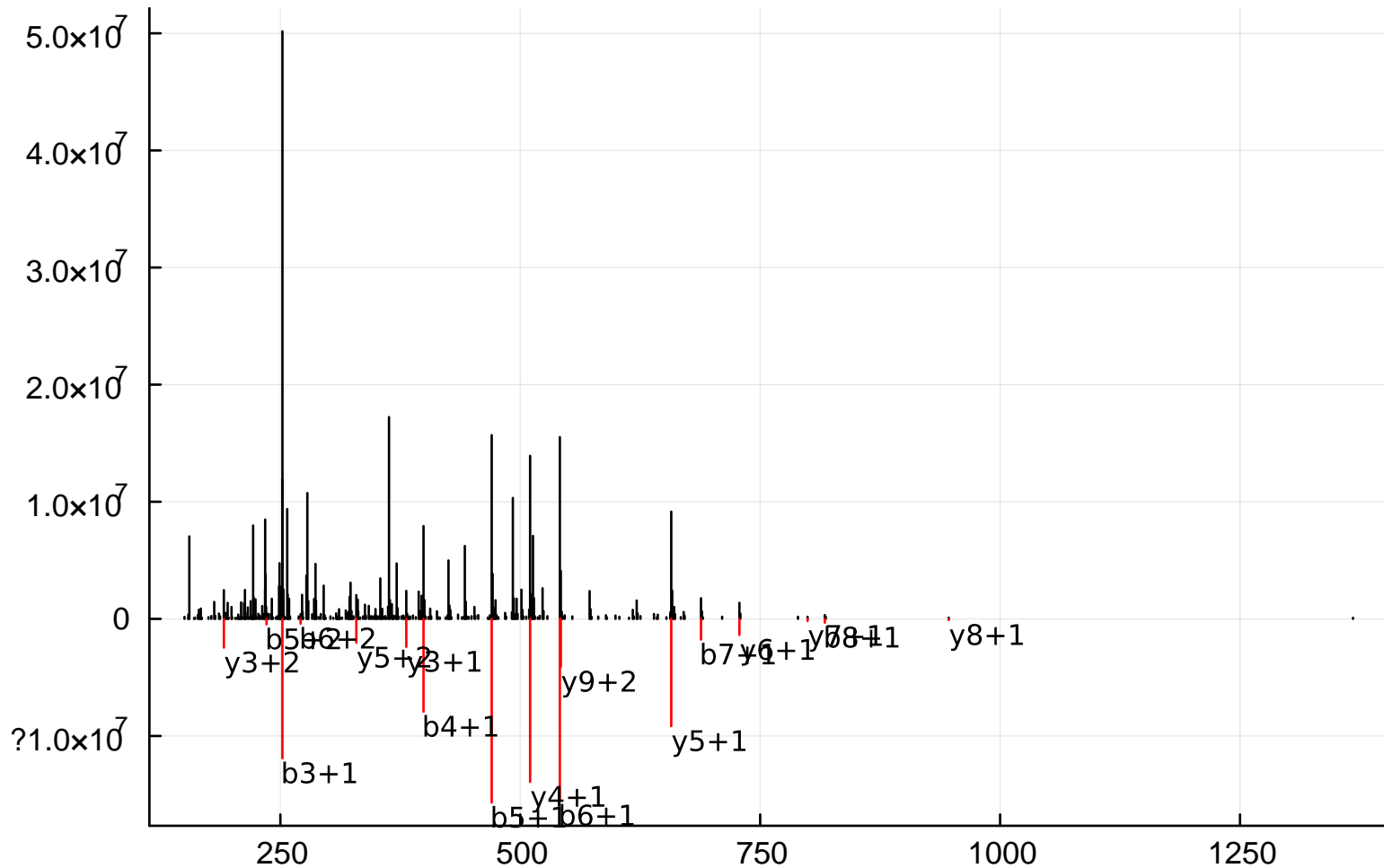
Gzmb- YSNTLQEVELTVQK[Hlys]

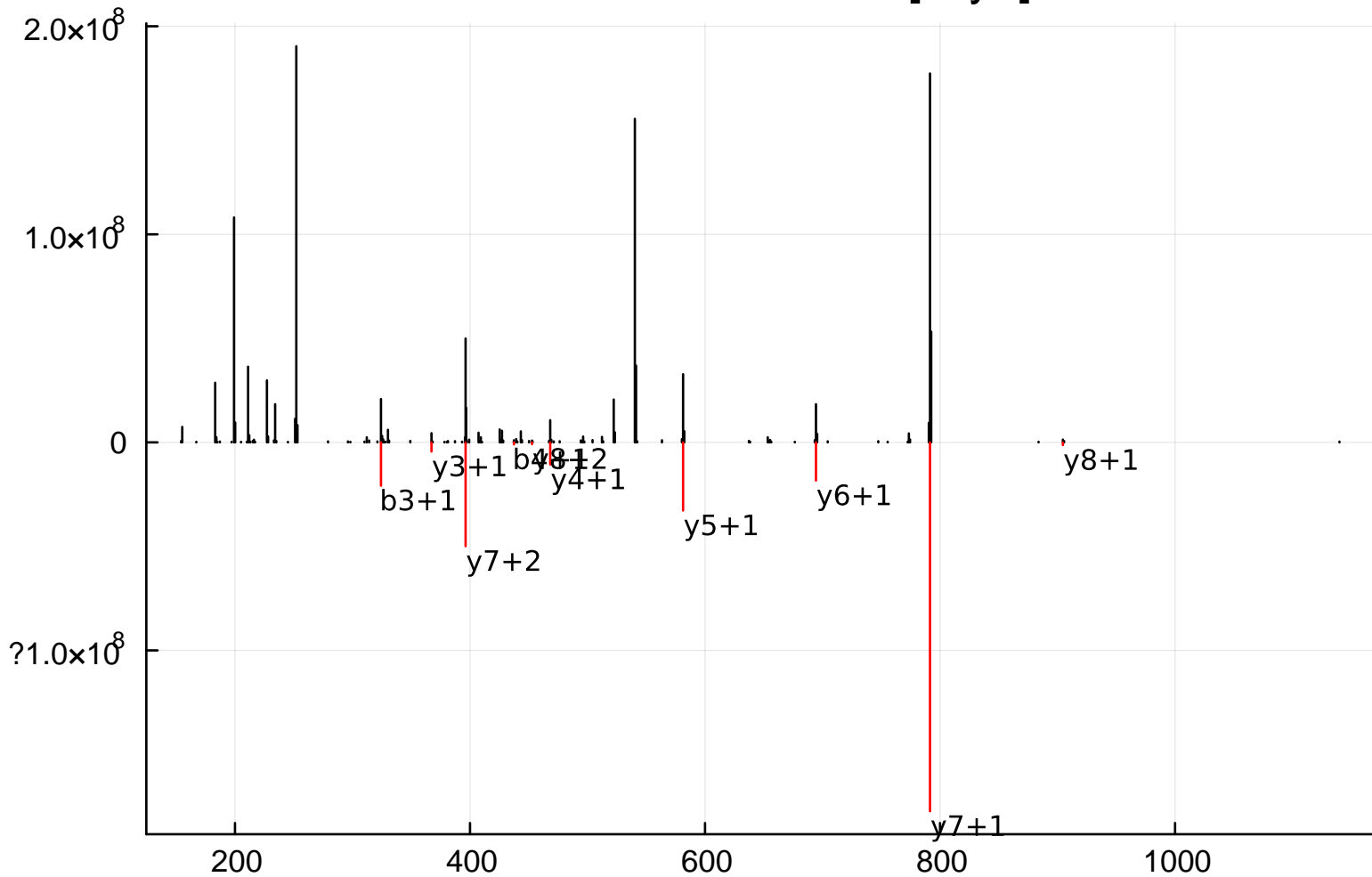Gzmk- GDSGGPLIC[Carb]K[Hlys]

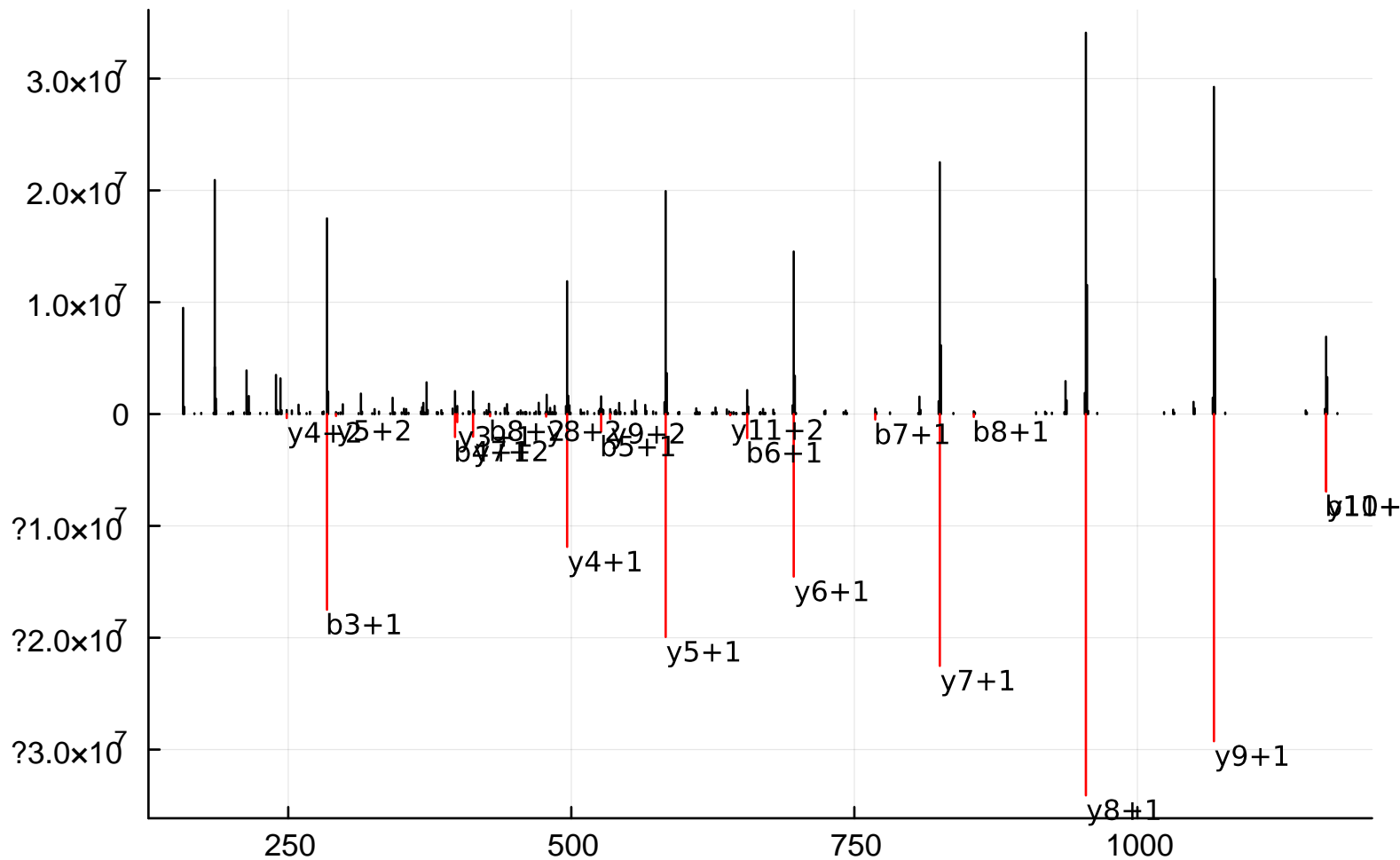HTAI2- EILGQNLFSK[Hlys]

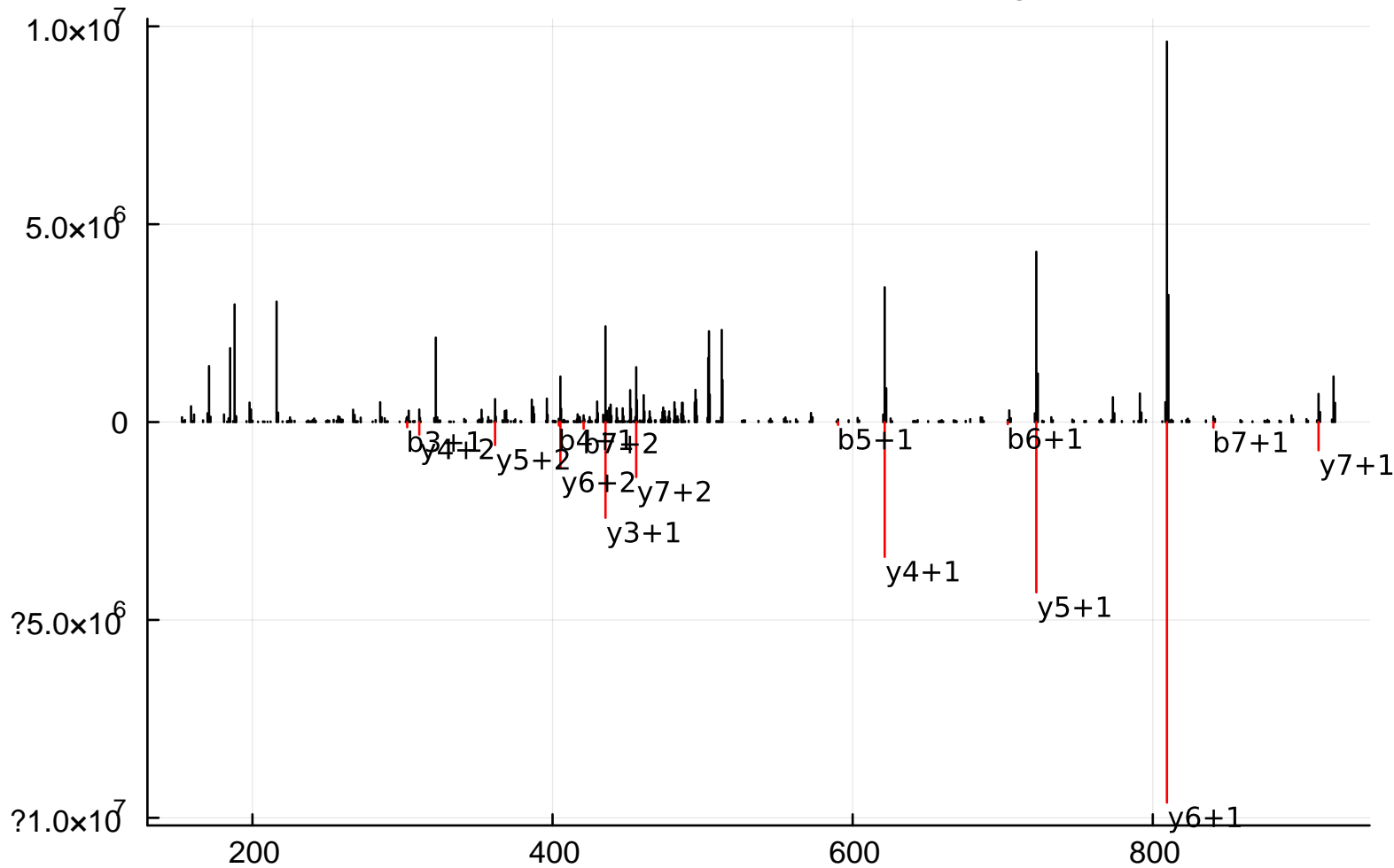# HTATIP2- NVNQEVVDFEK[Hlys]

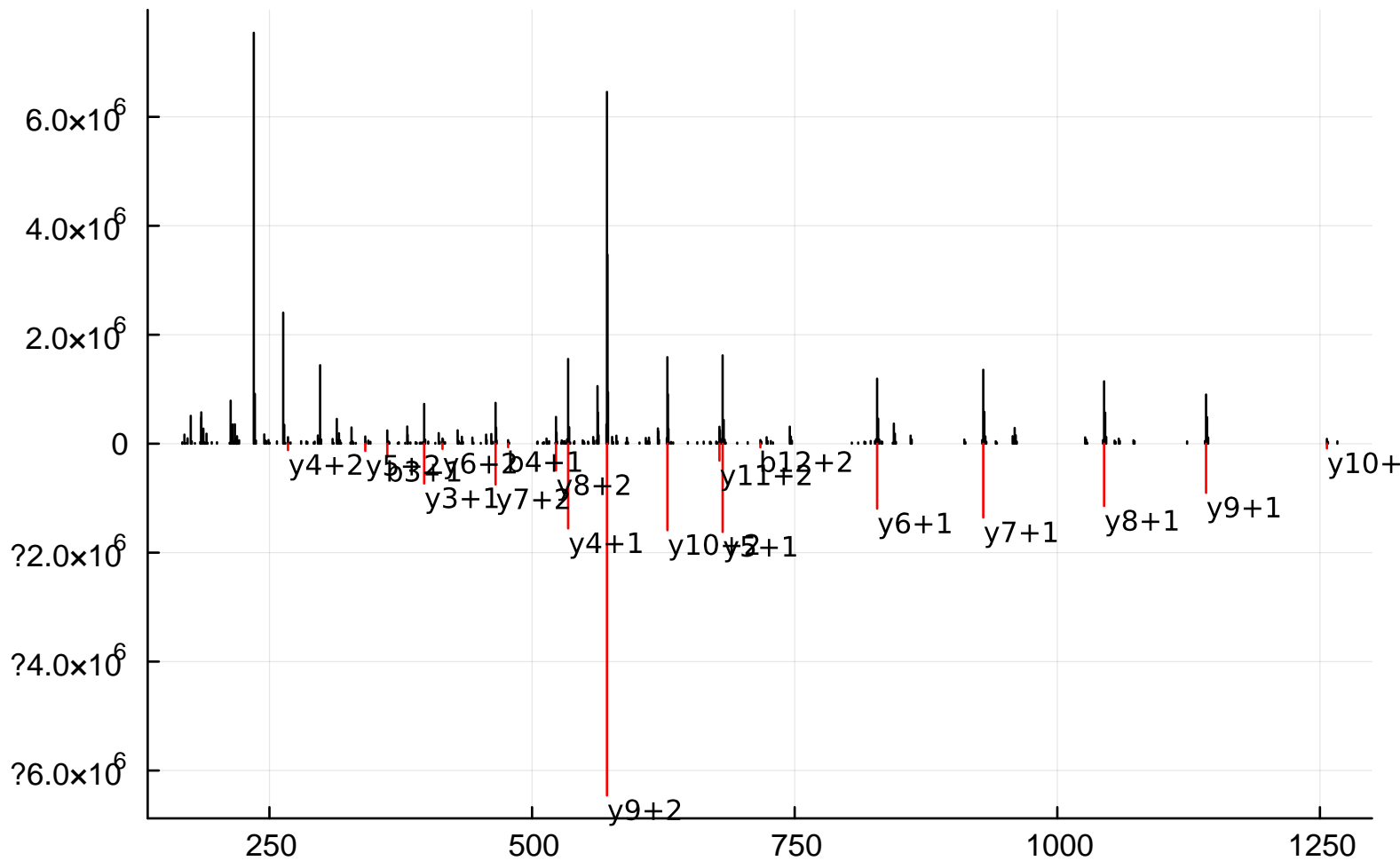HYEP- GGHFAAFEEPK[Hlys]

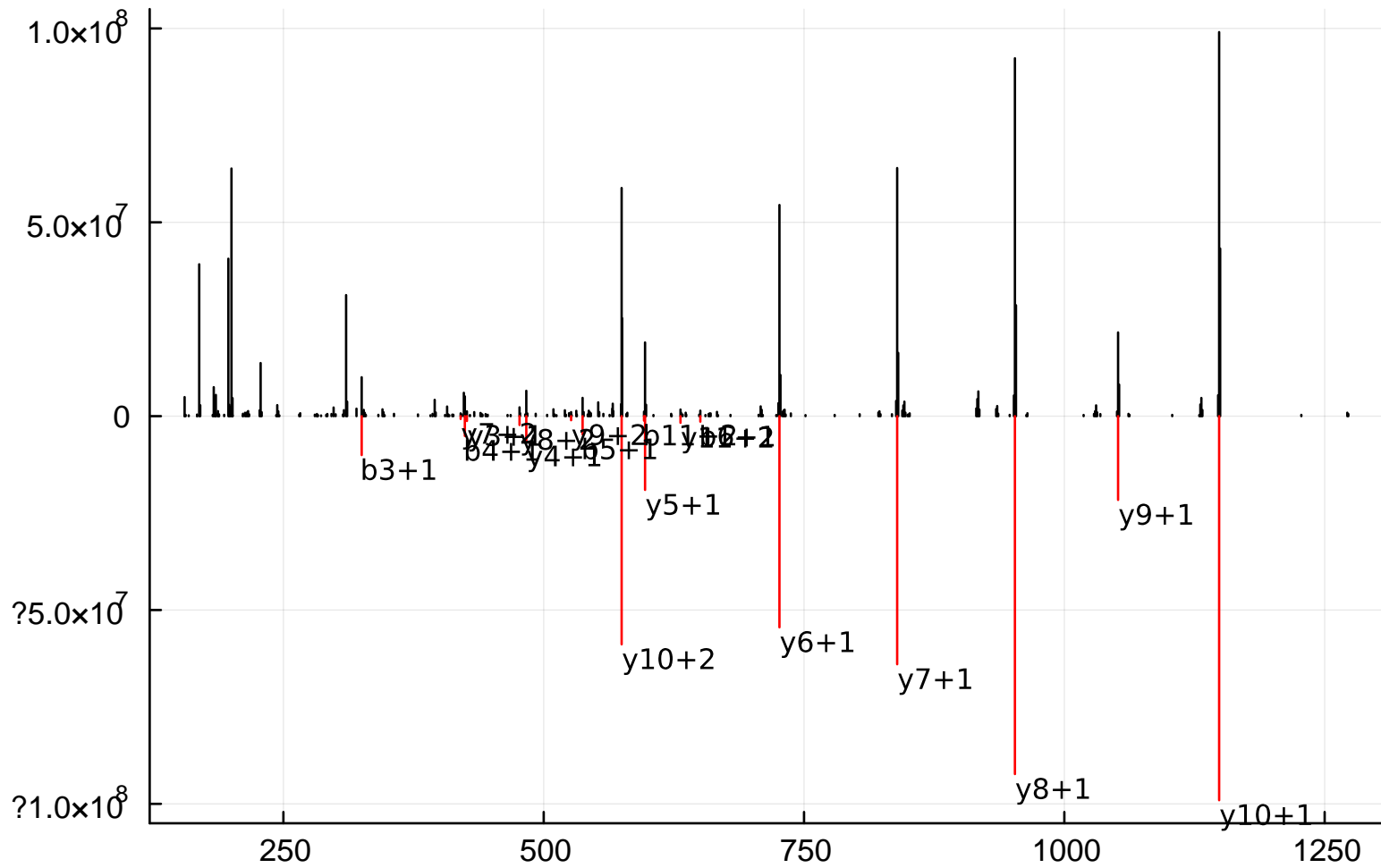# HYEP- IIPLLTDPK[Hlys]

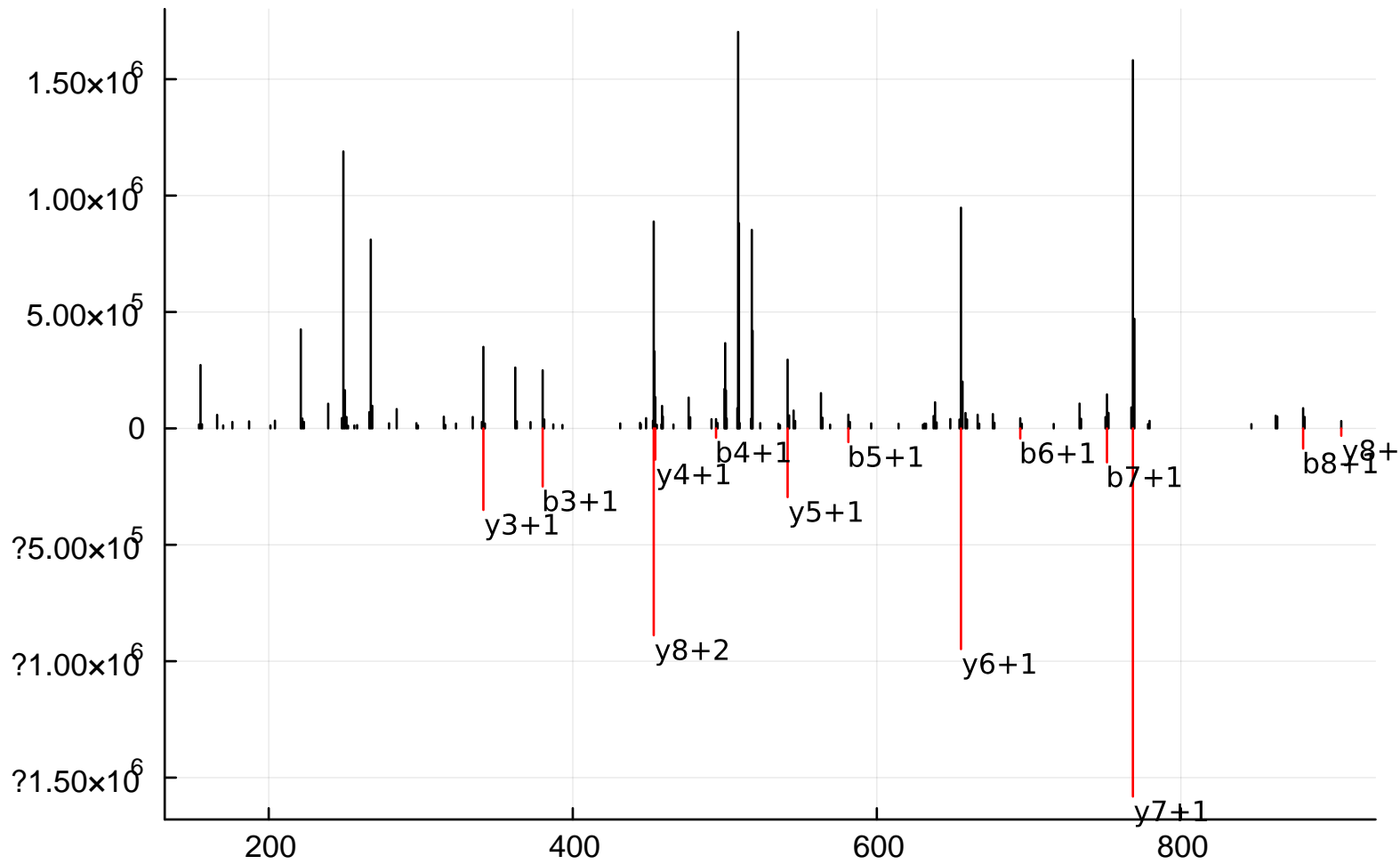I18BP- ALVLEELSPTLR[Harg]

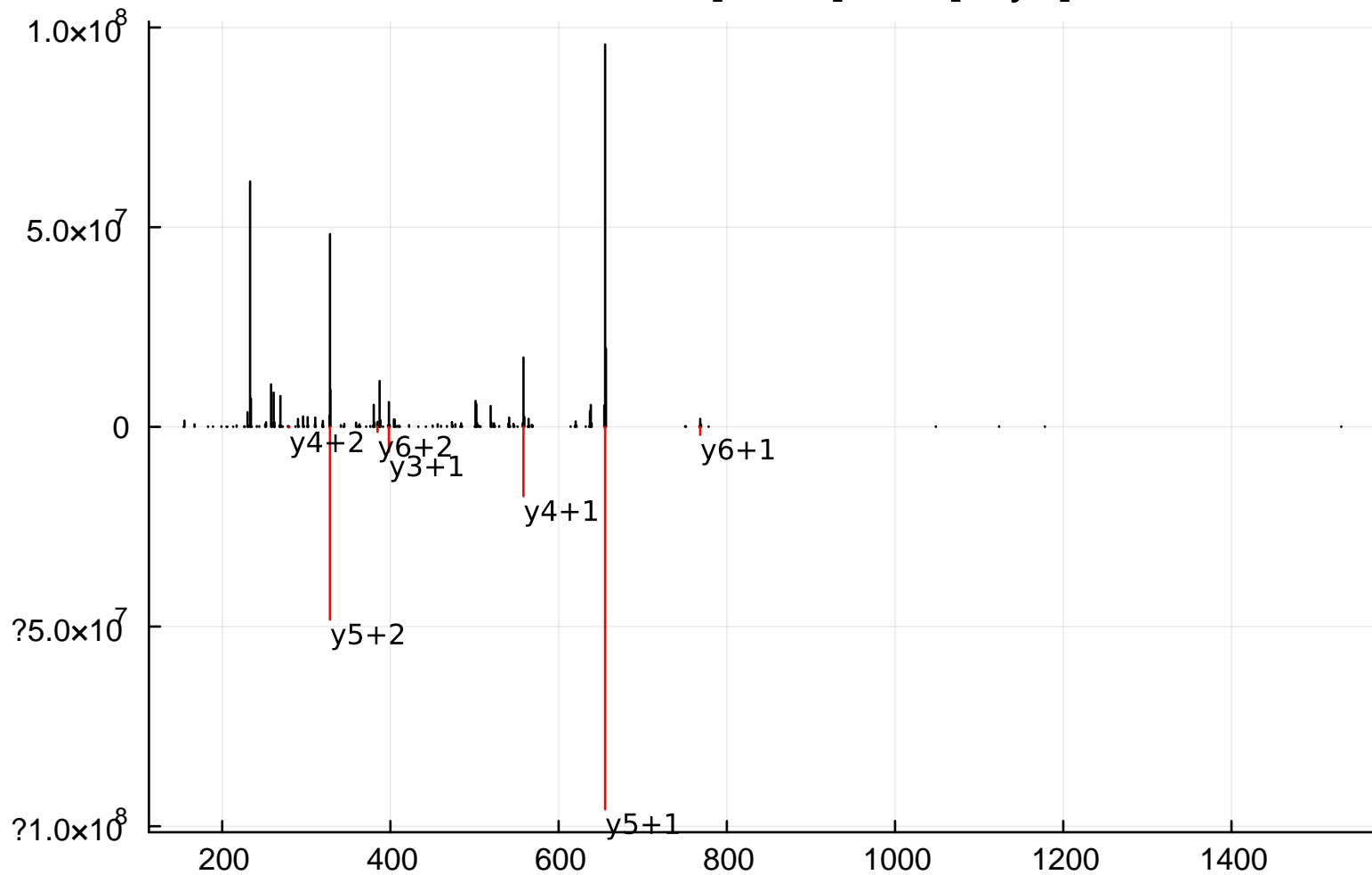I18BP- NTSTWLHR[Harg]

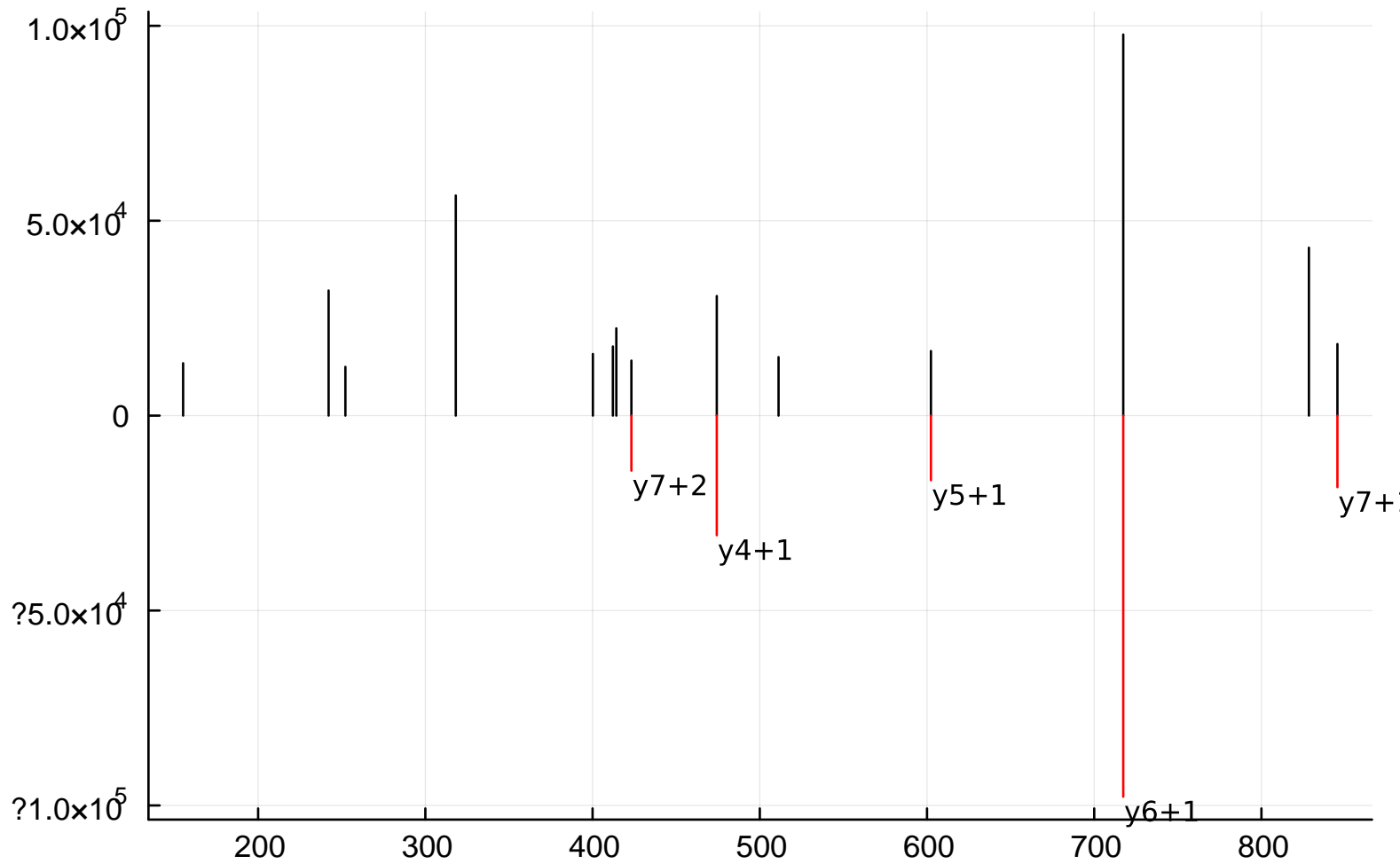# I23O1- DFVDPDTFFHVLR[Harg]
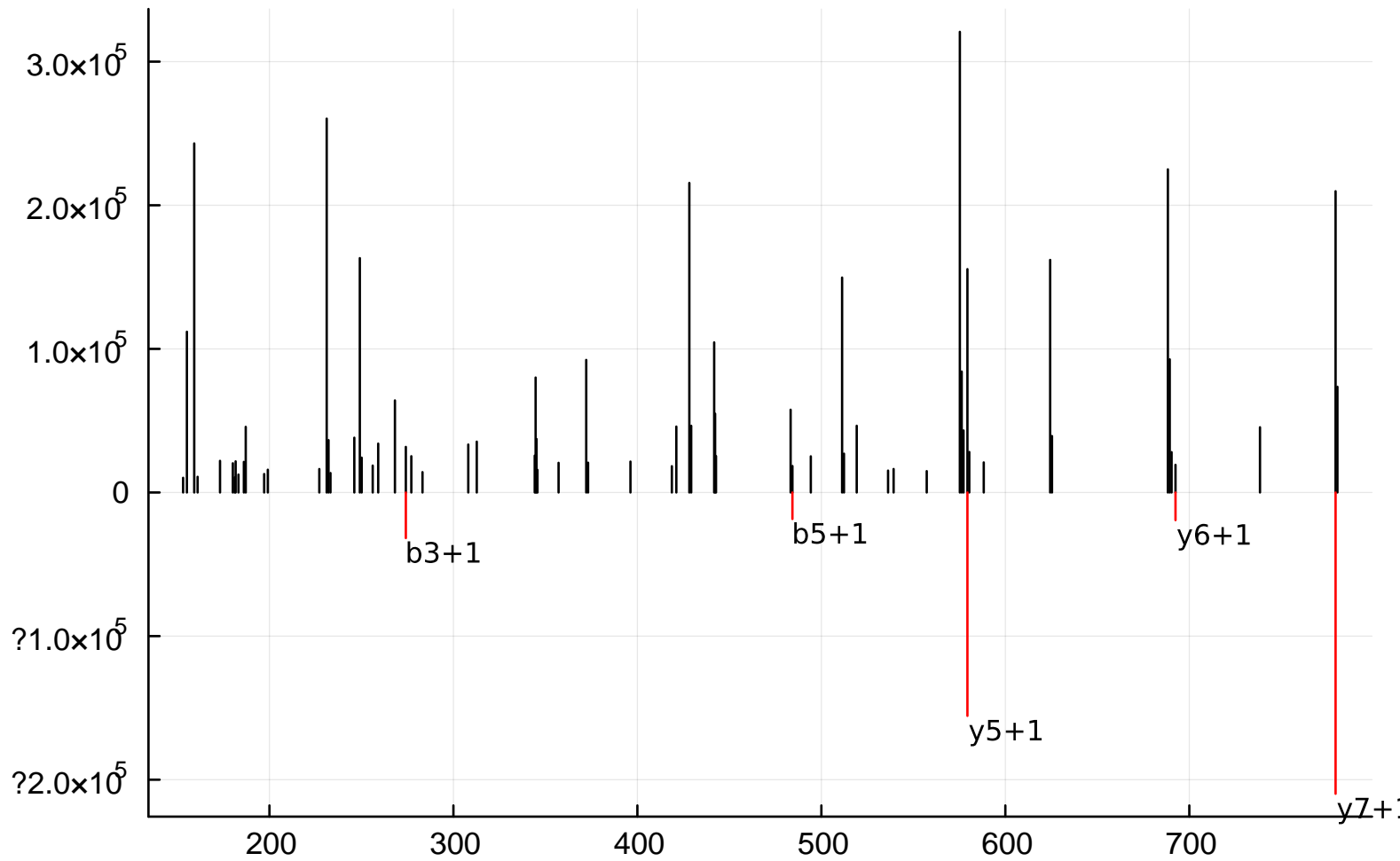
I23O1- NLPVLIENGQLR[Harg]
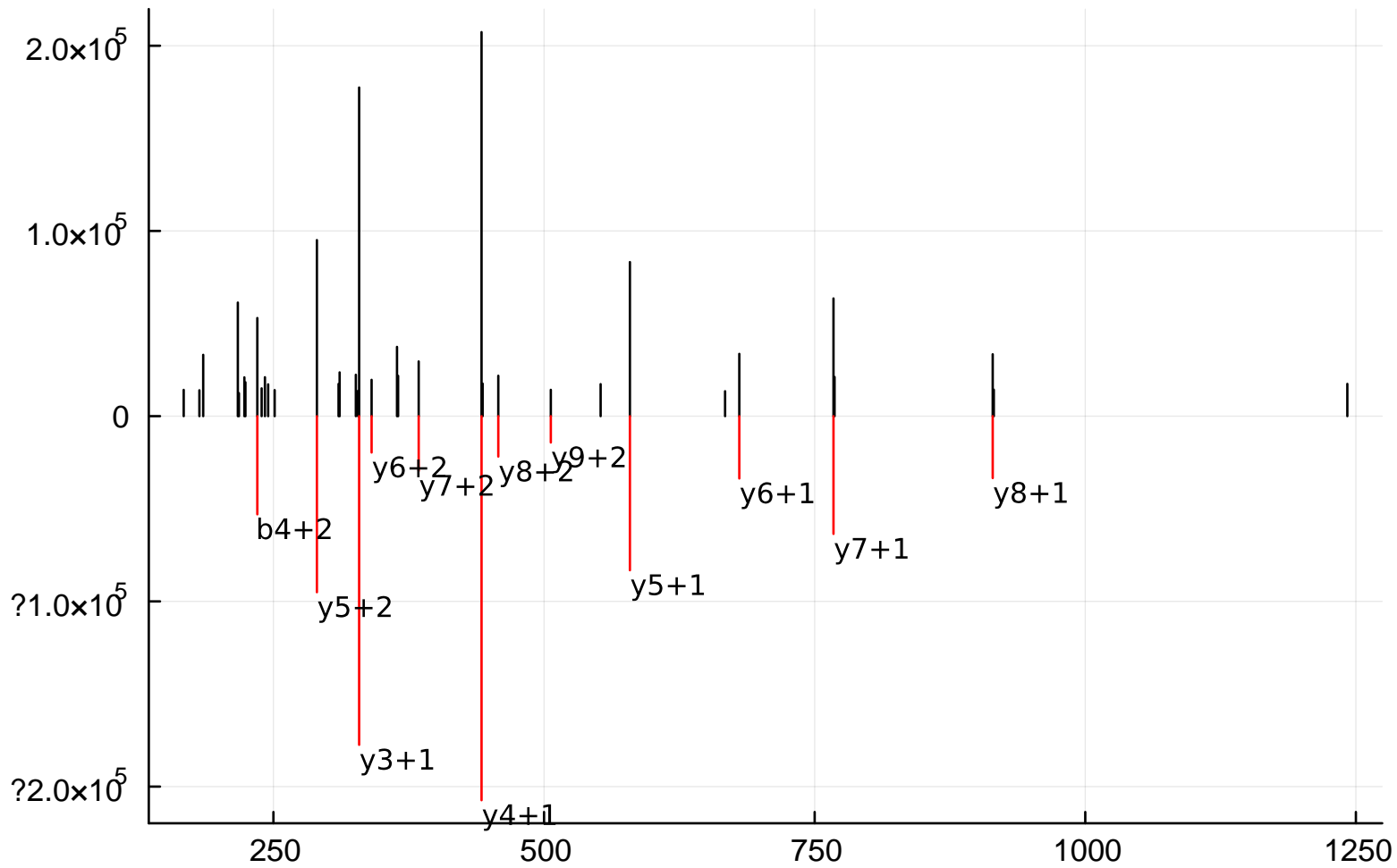
IL10- EHLNSLGEK[Hlys]

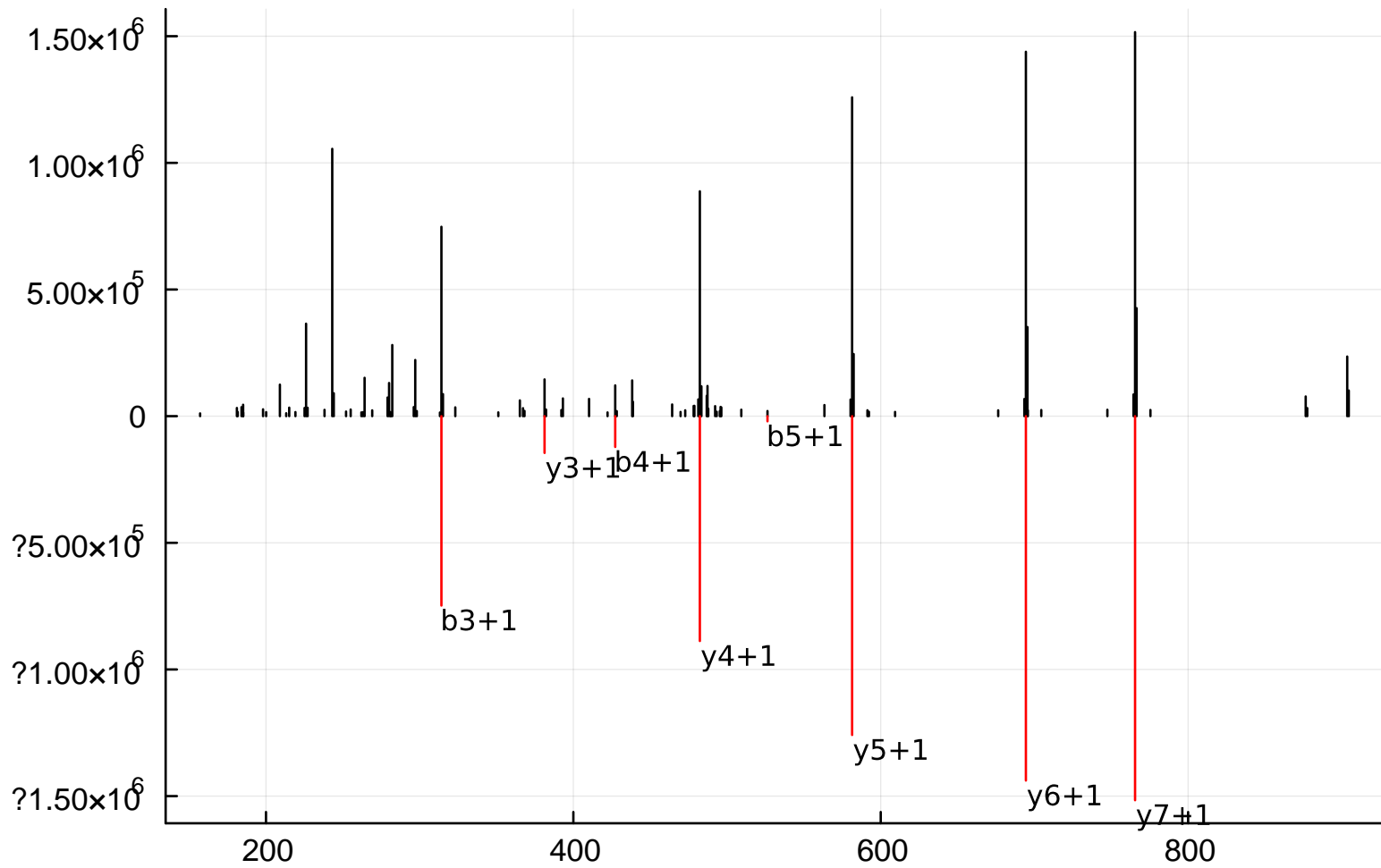IL10- FLPC[Carb]ENK[Hlys]

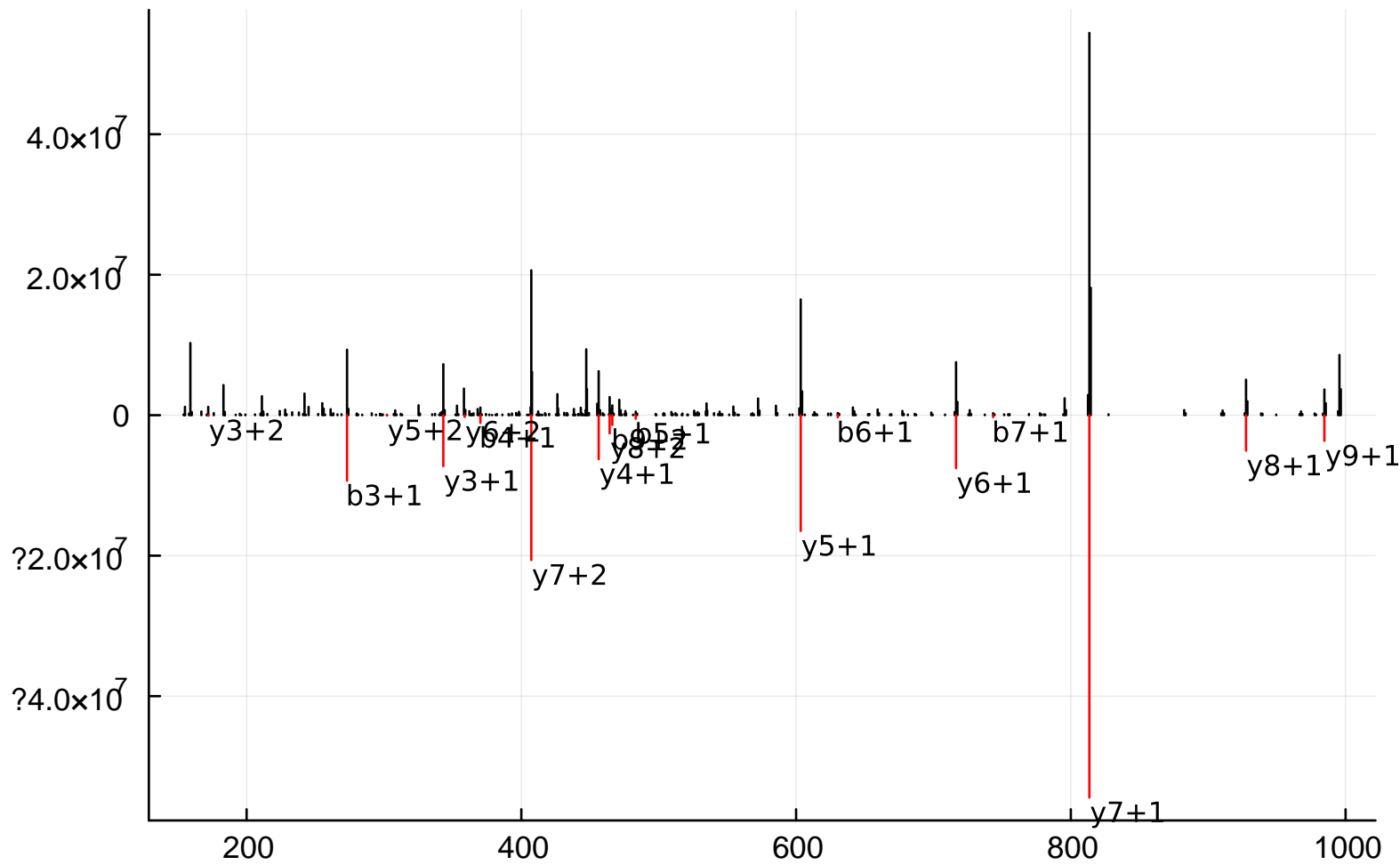IL10- LQDQGVYK[Hlys]

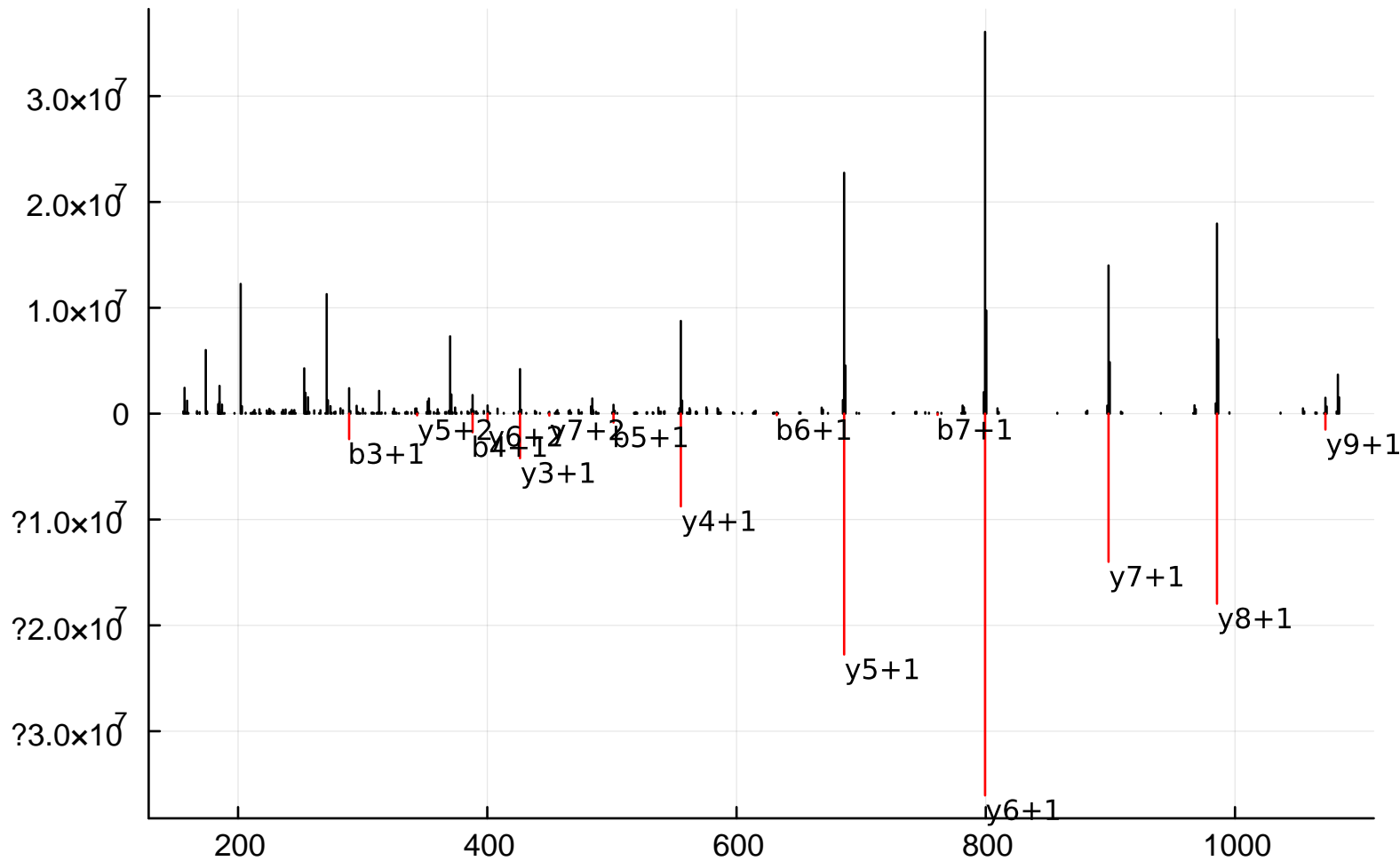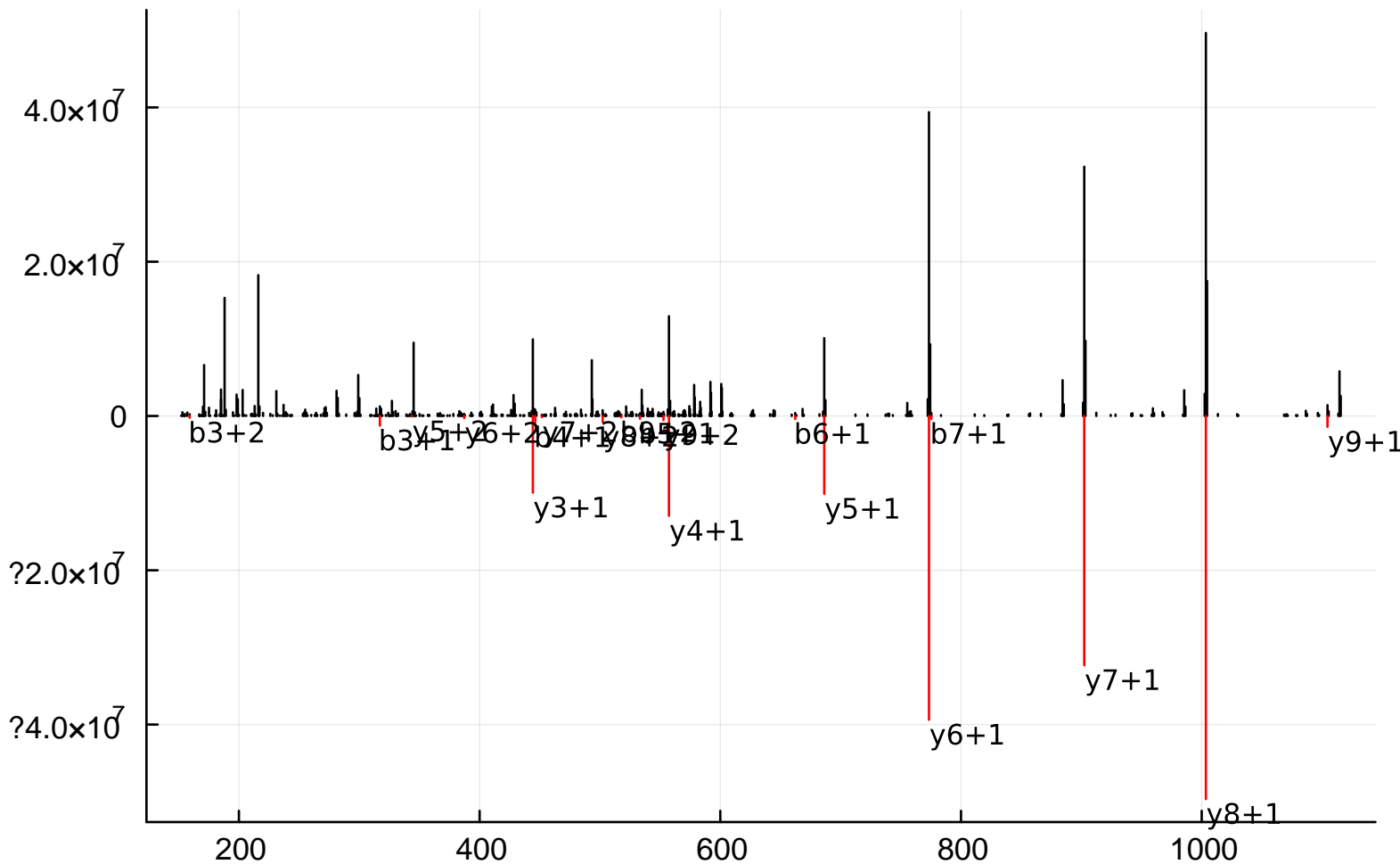IL13- SVSLPLTLK[Hlys]

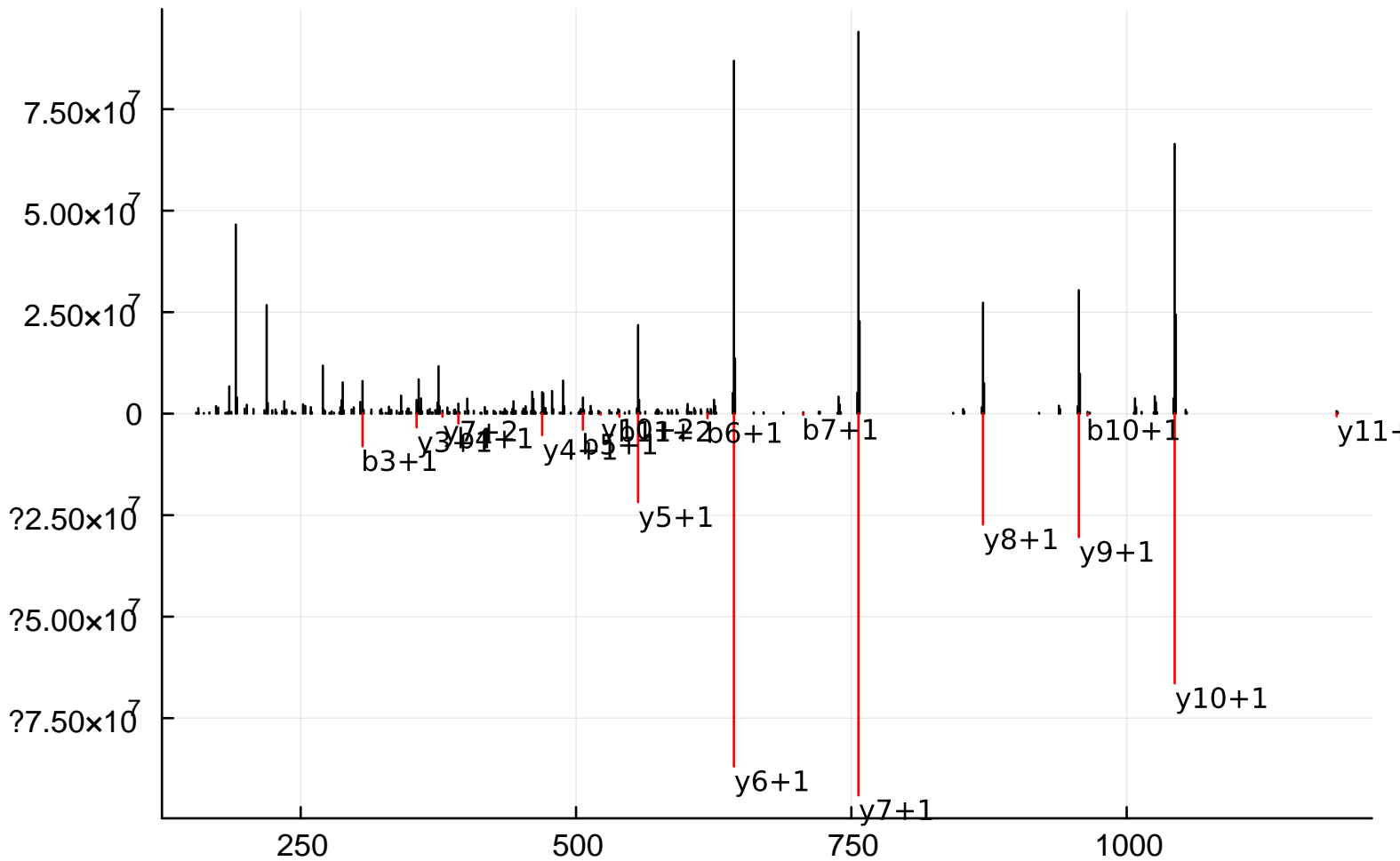IL36G- HPFSTHISGR[Harg]

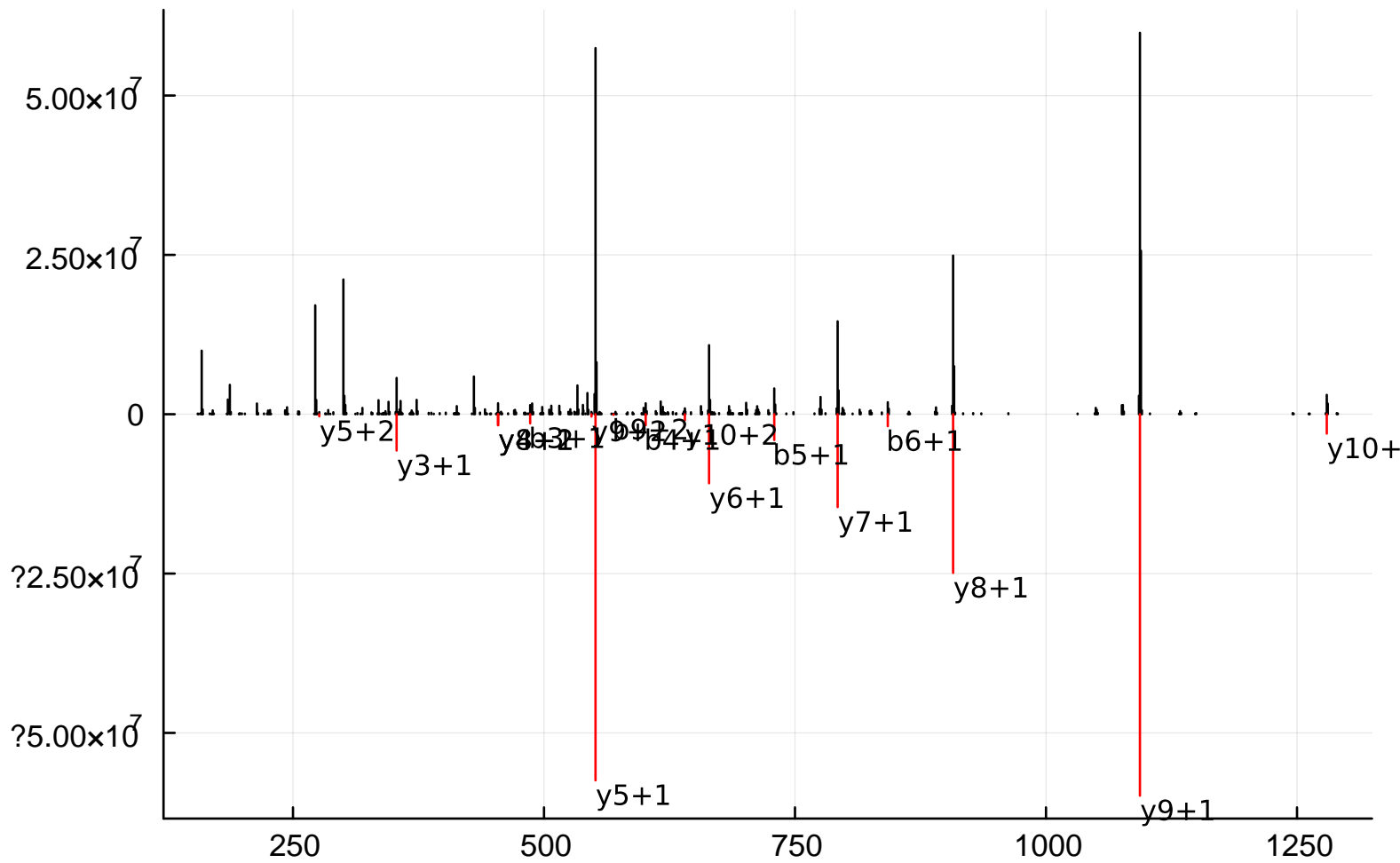IL36G- NQALVTVPR[Harg]

IL36G- TGNPIFLTSK[Hlys]

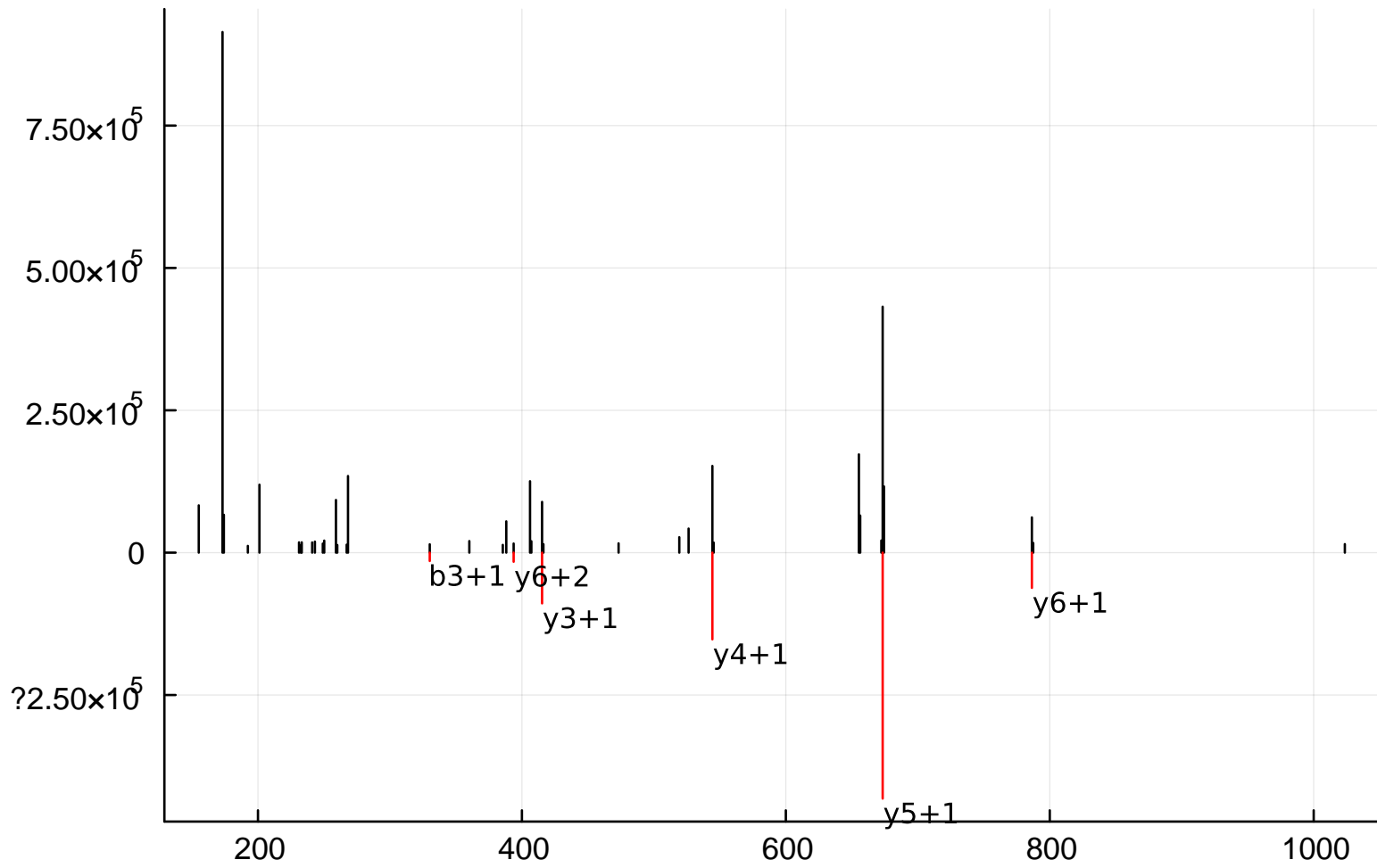IL4- NSSVLMELQR[Harg]

IL4- NTTESELVC[Carb]R[Harg]
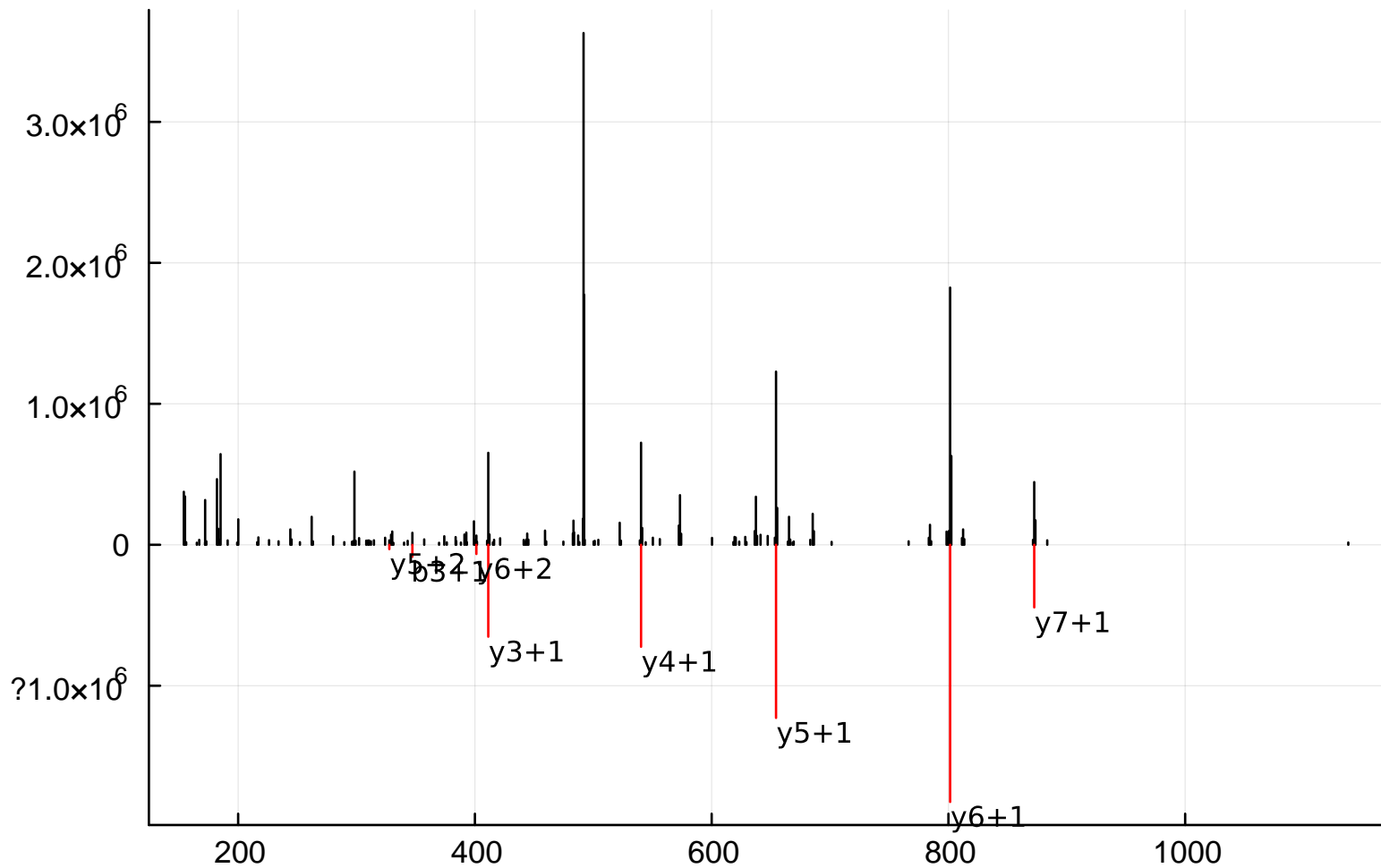
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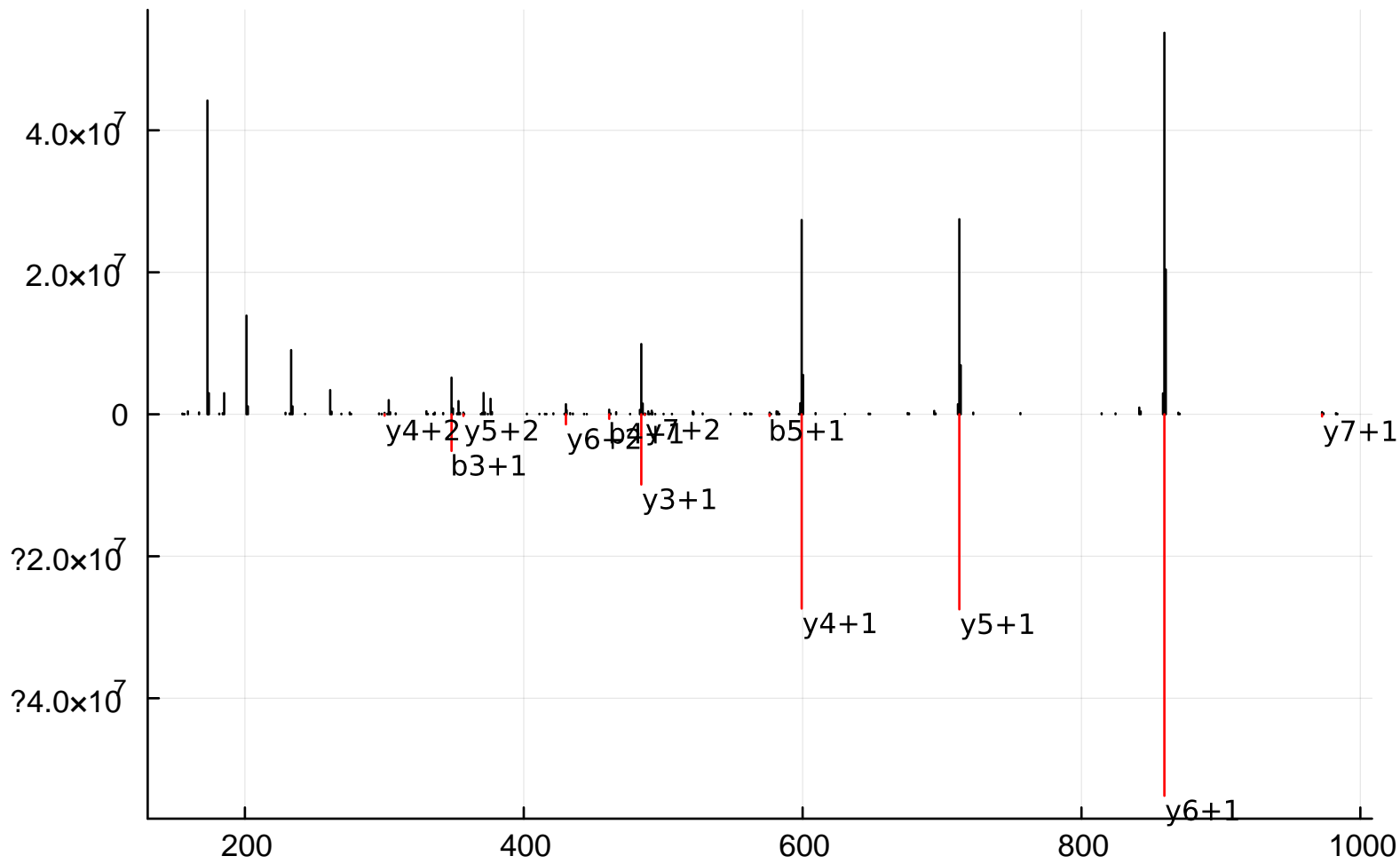
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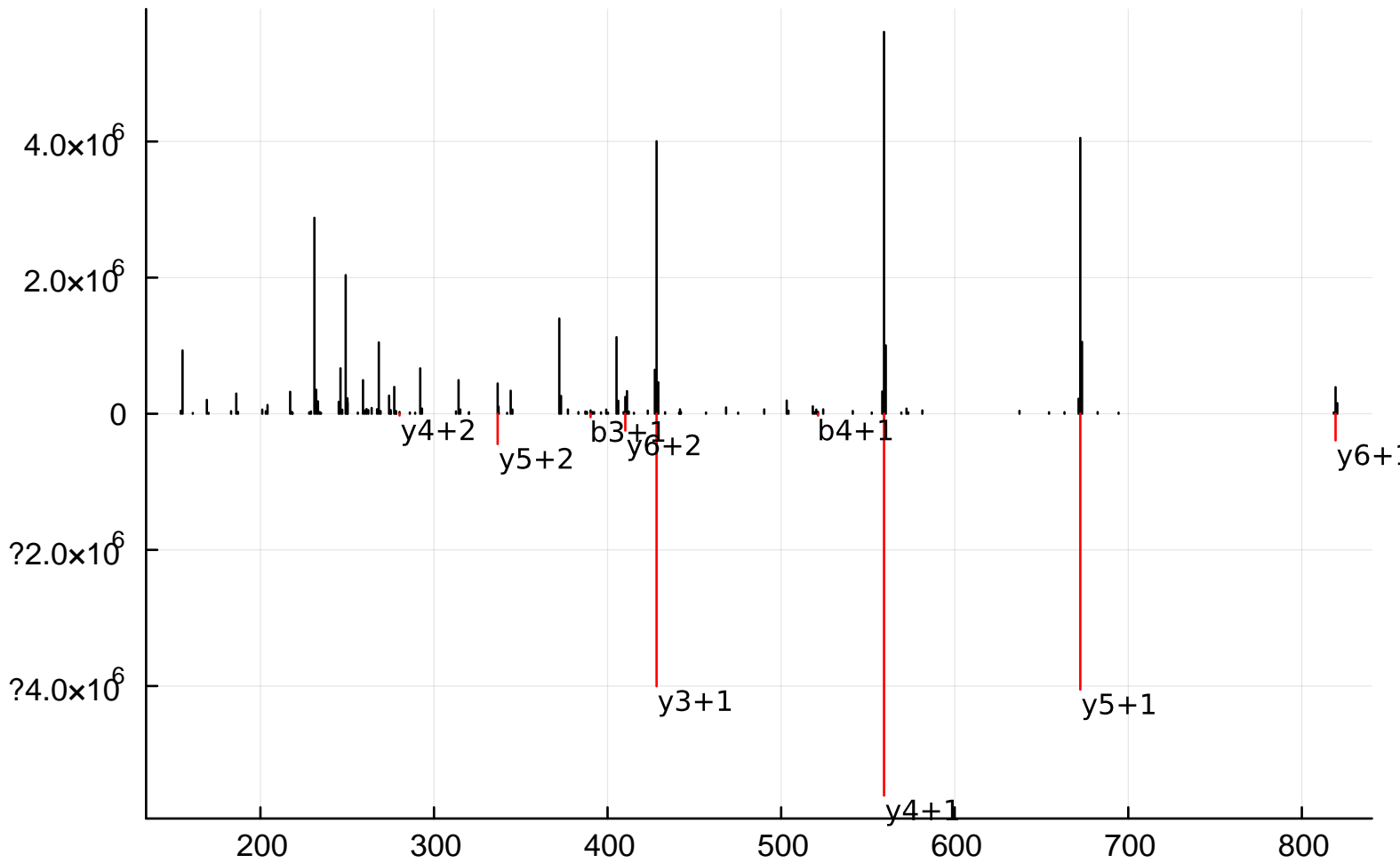
IL6- SLEEFLK[Hlys]
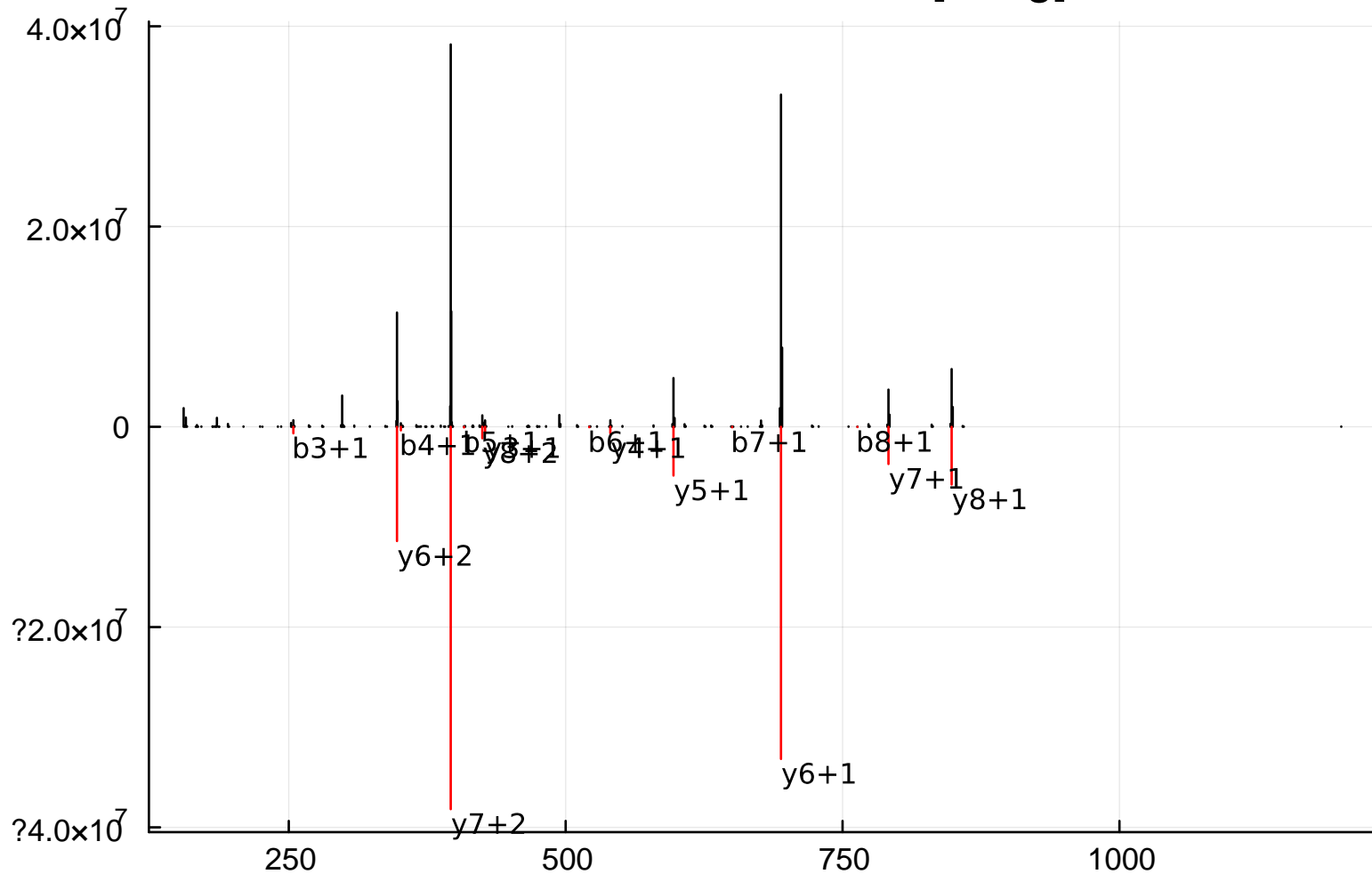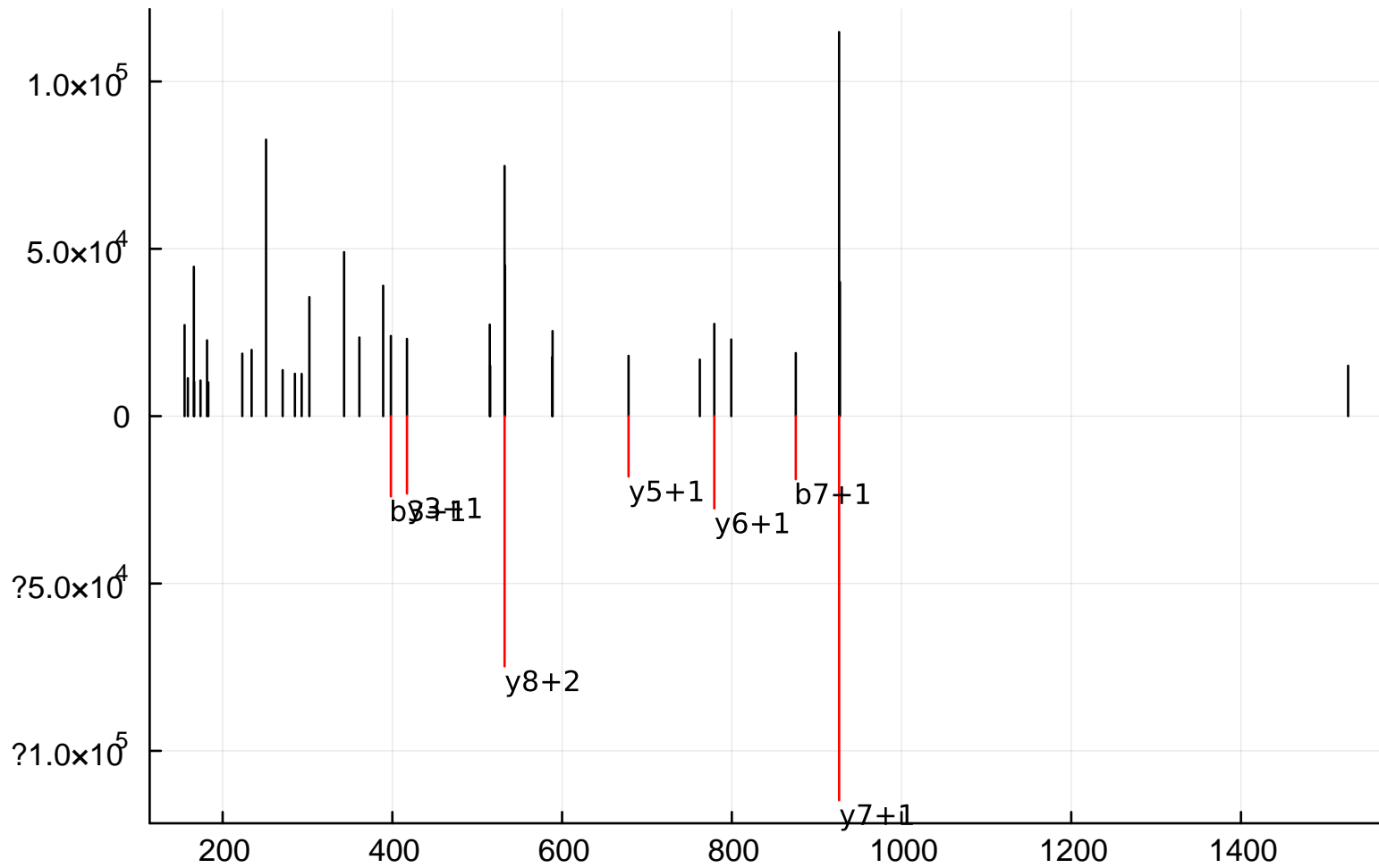
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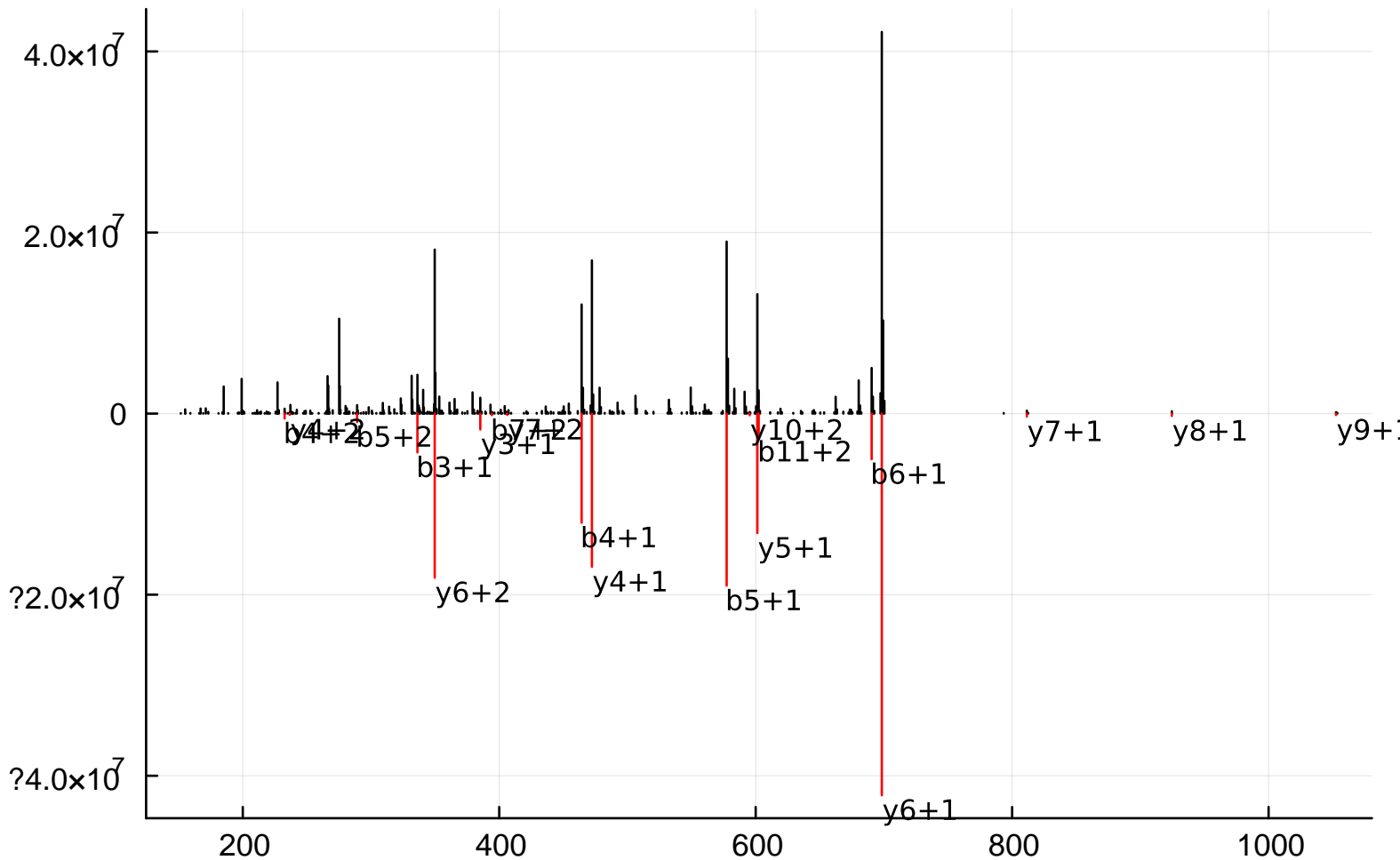INFG- SLFLDIWR[Harg]
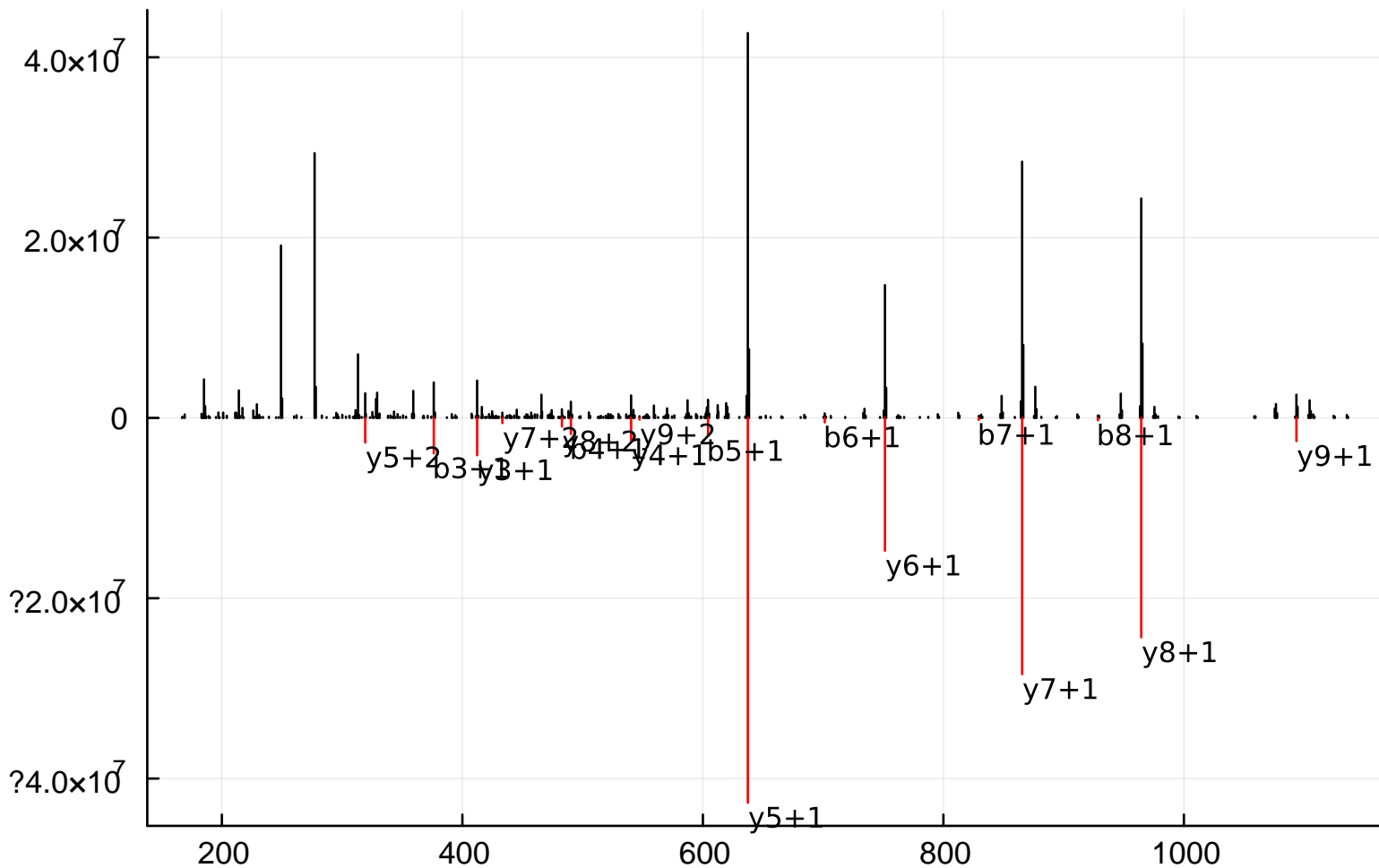
INGR1- EFLMC[Carb]LK[Hlys]
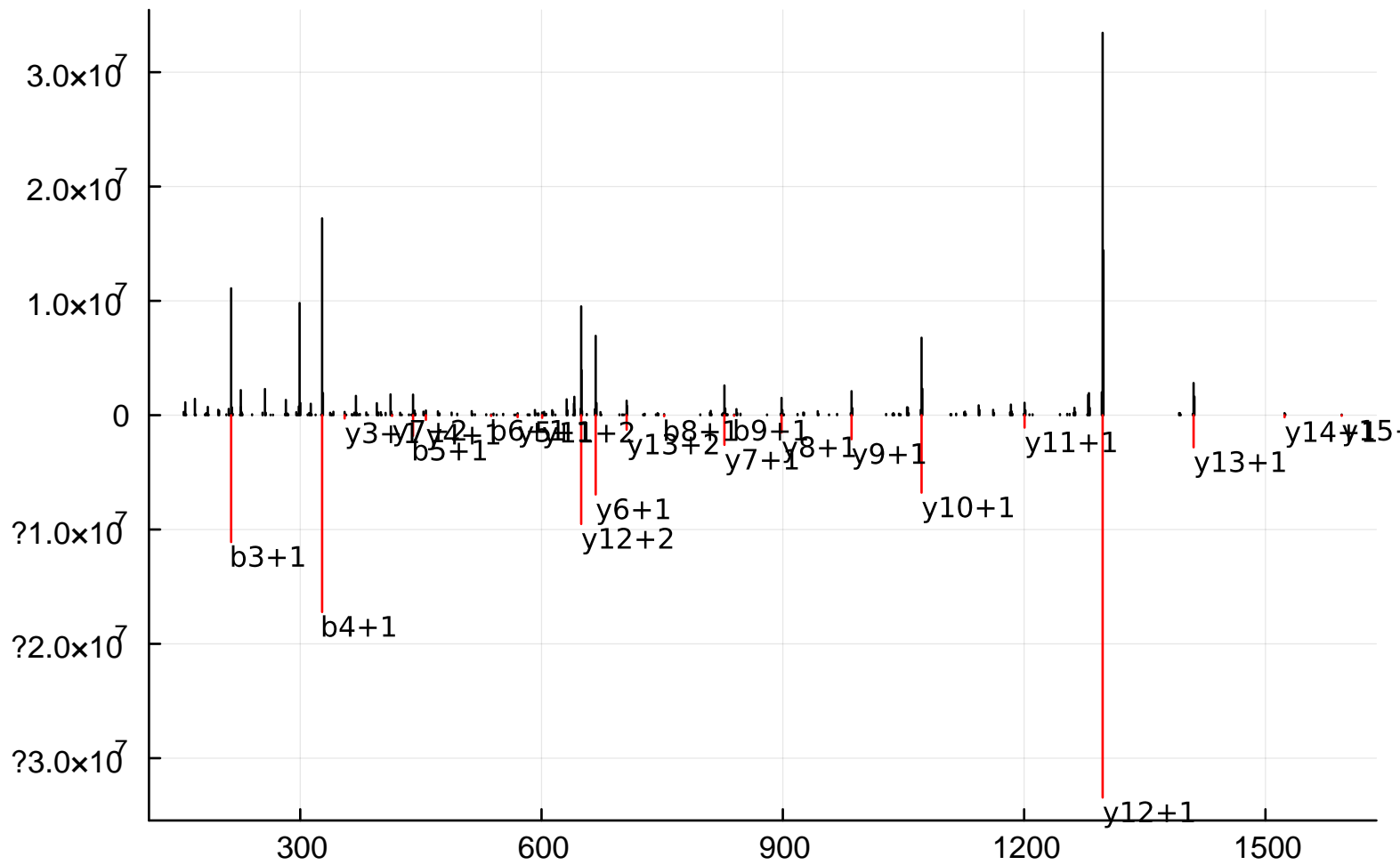
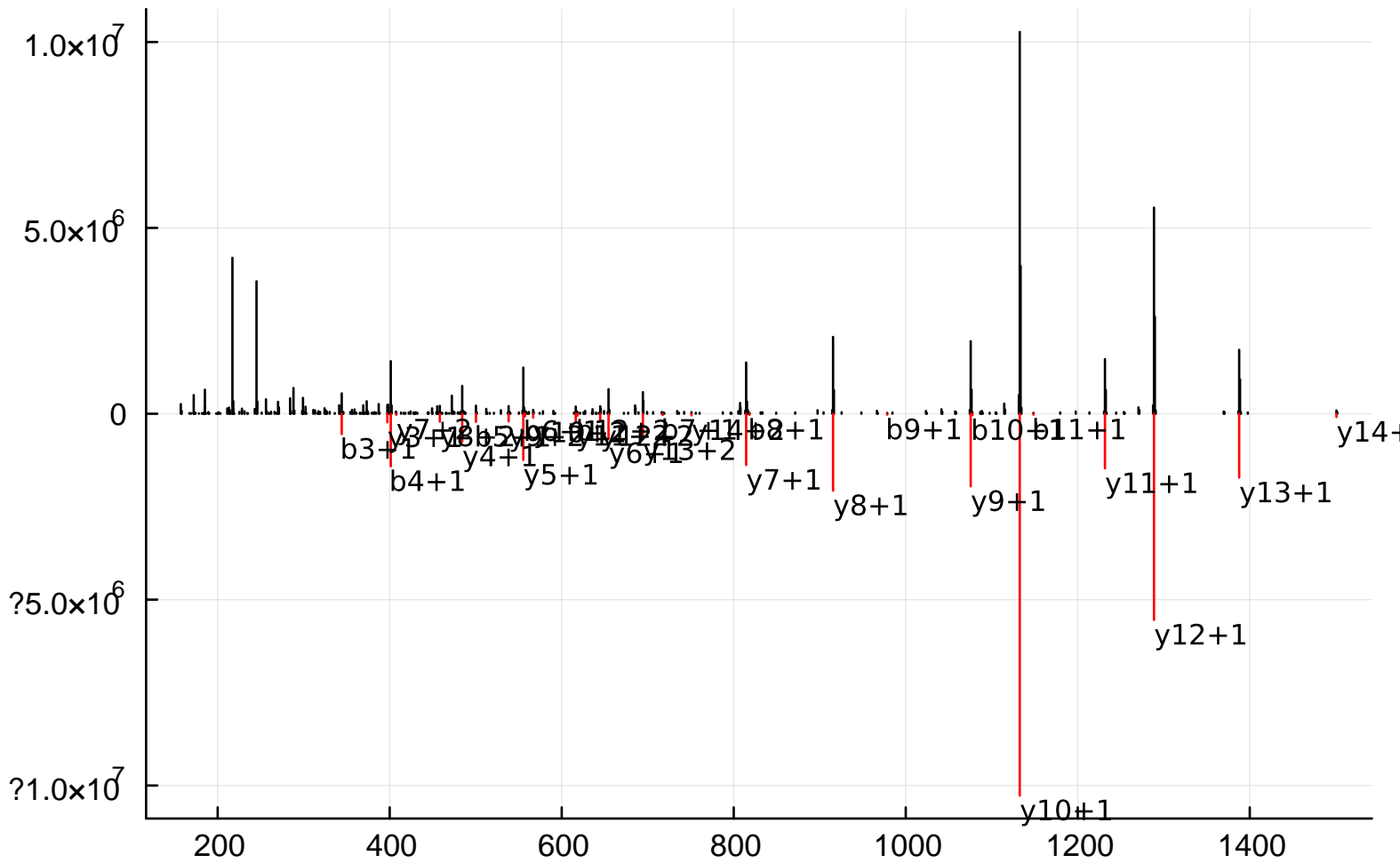INGR1- VGPPGLEIR[Harg]

ITAM- IHFTFNDFK[Hlys]

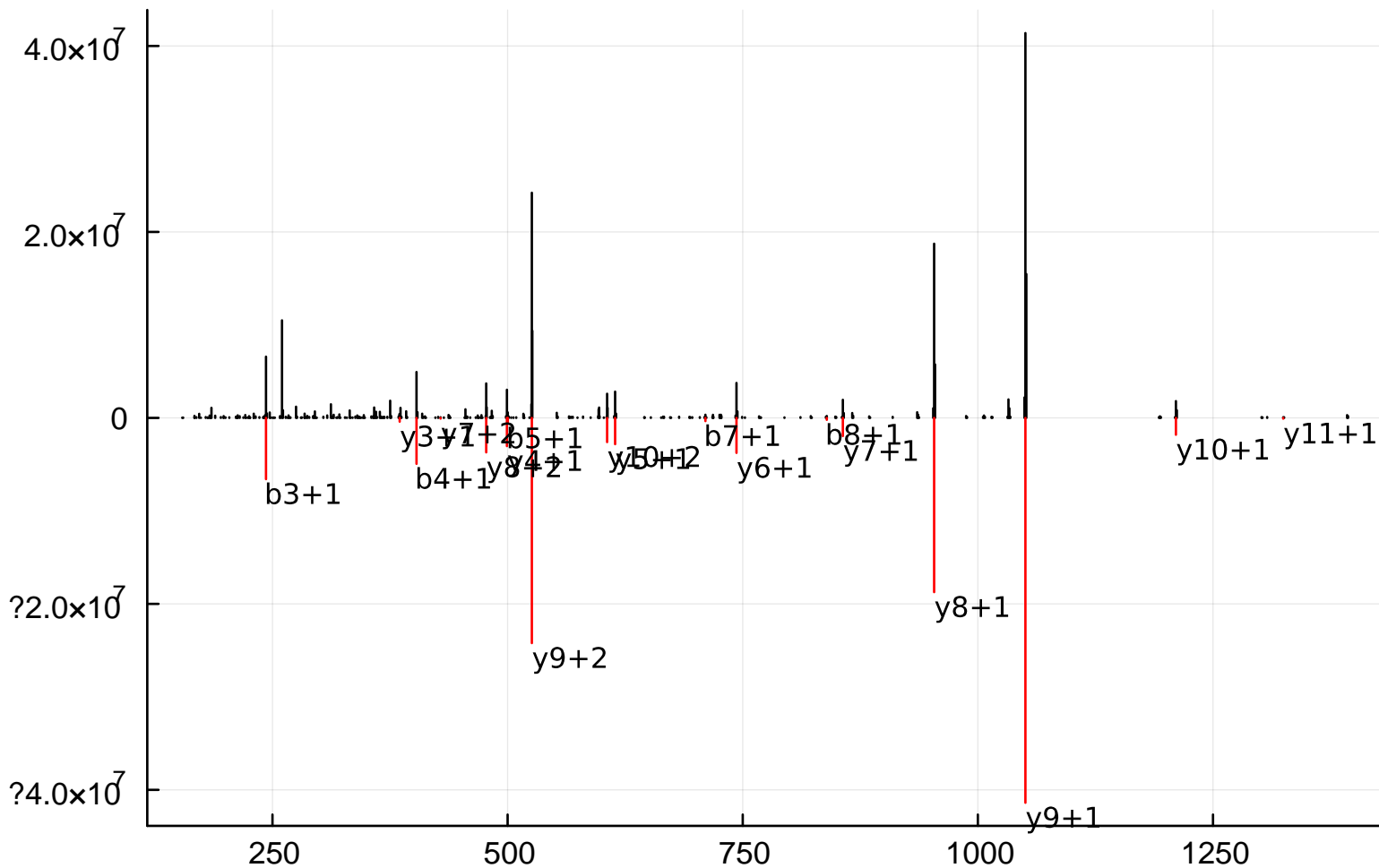Ifng- VVHQLLPESSLR[Harg]

Ifng|INFG- FEVNNPQVQR[Harg]
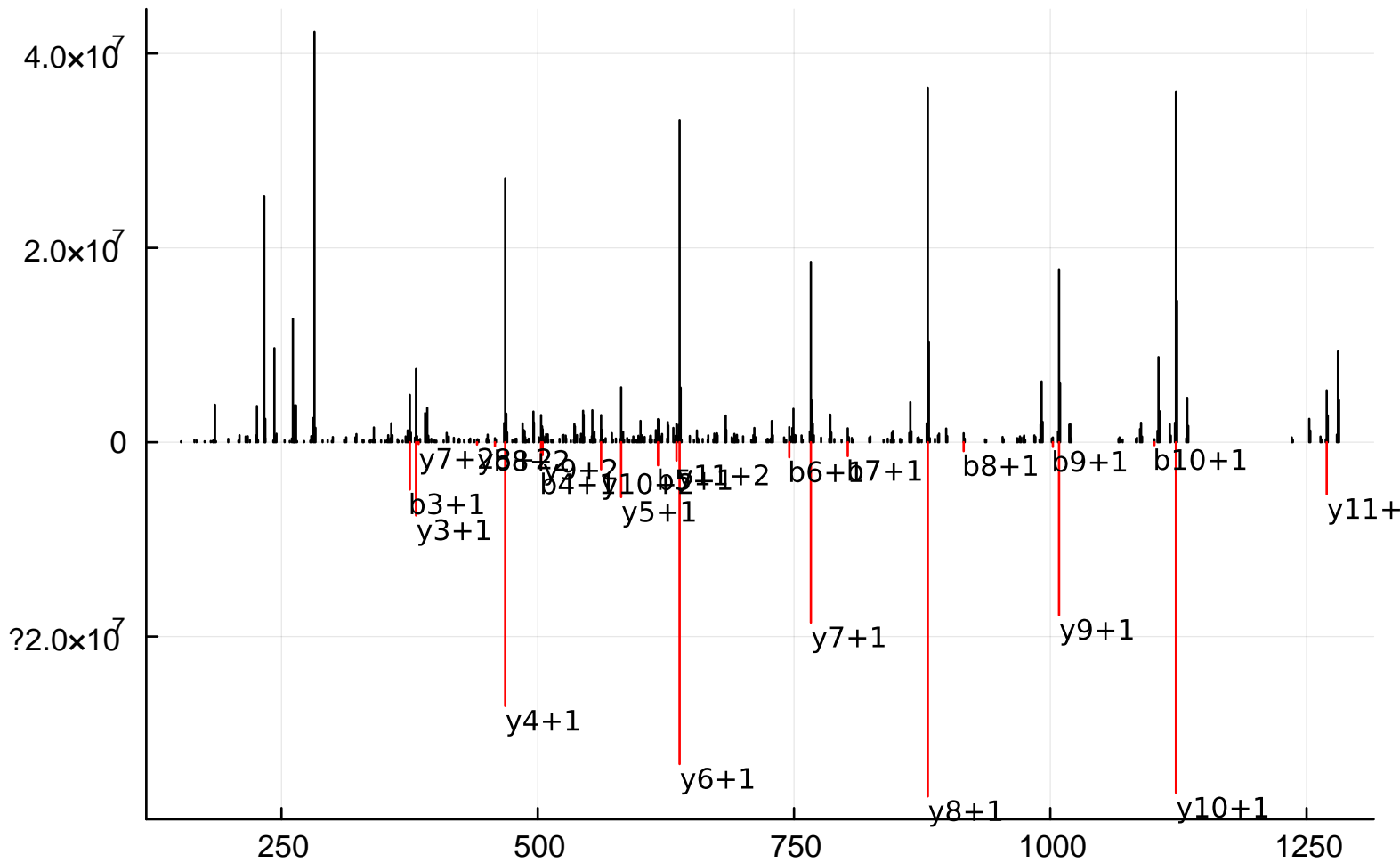
Il17a- AAAIIPQSSAC[Carb]PNTEAK[Hlys]
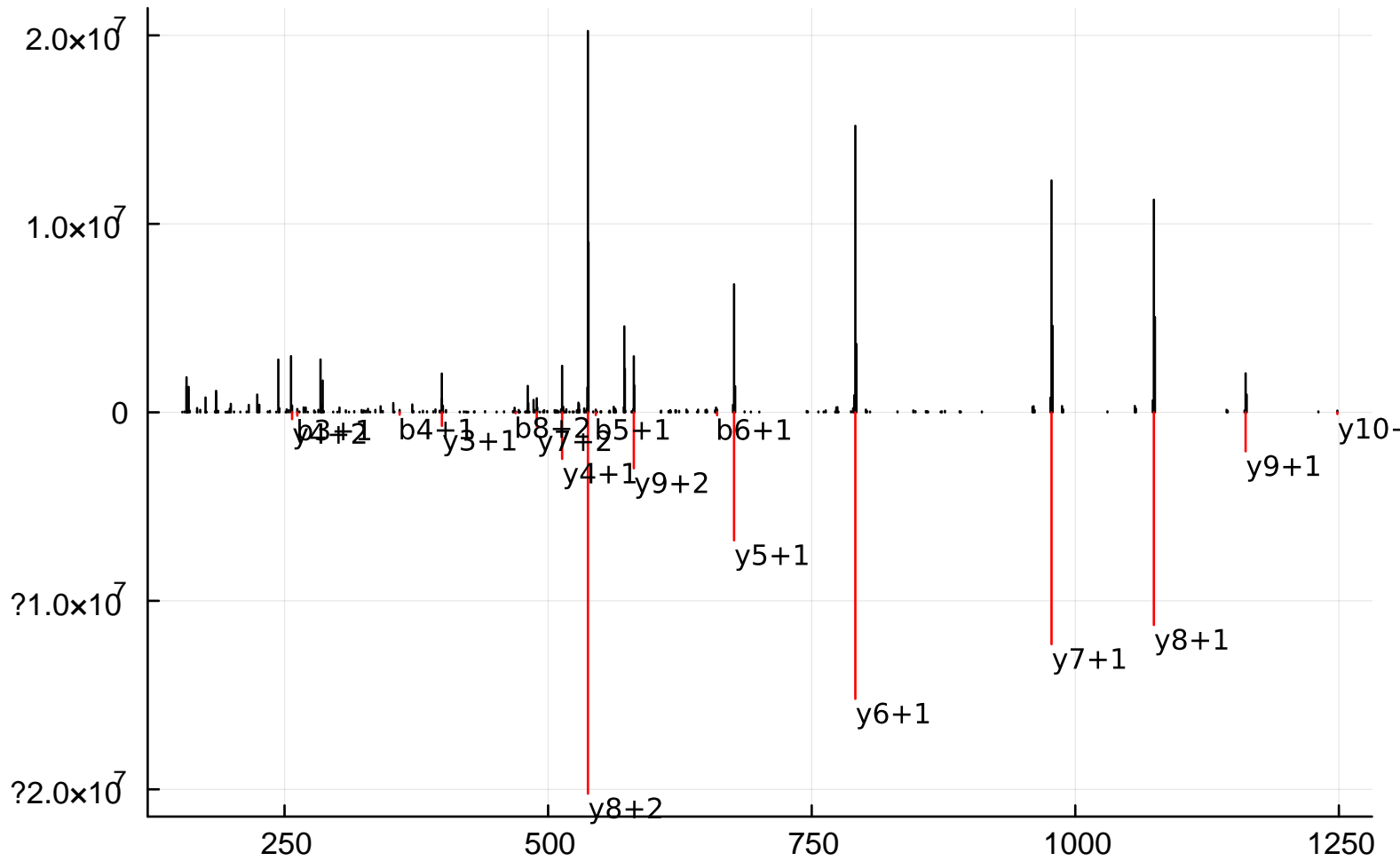
Il17a- MLVGVGC[Carb]TC[Carb]VASIVR[Harg]
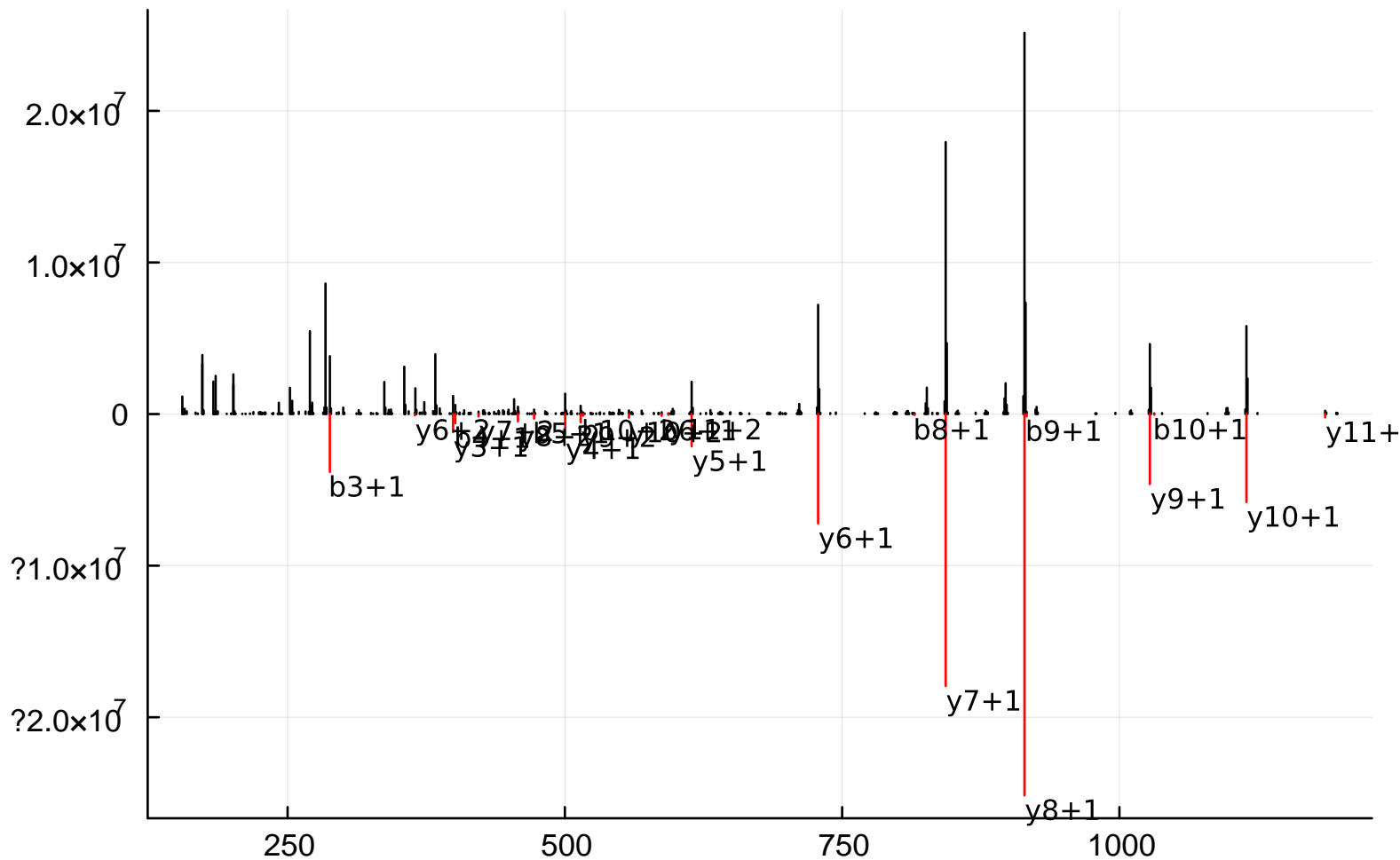
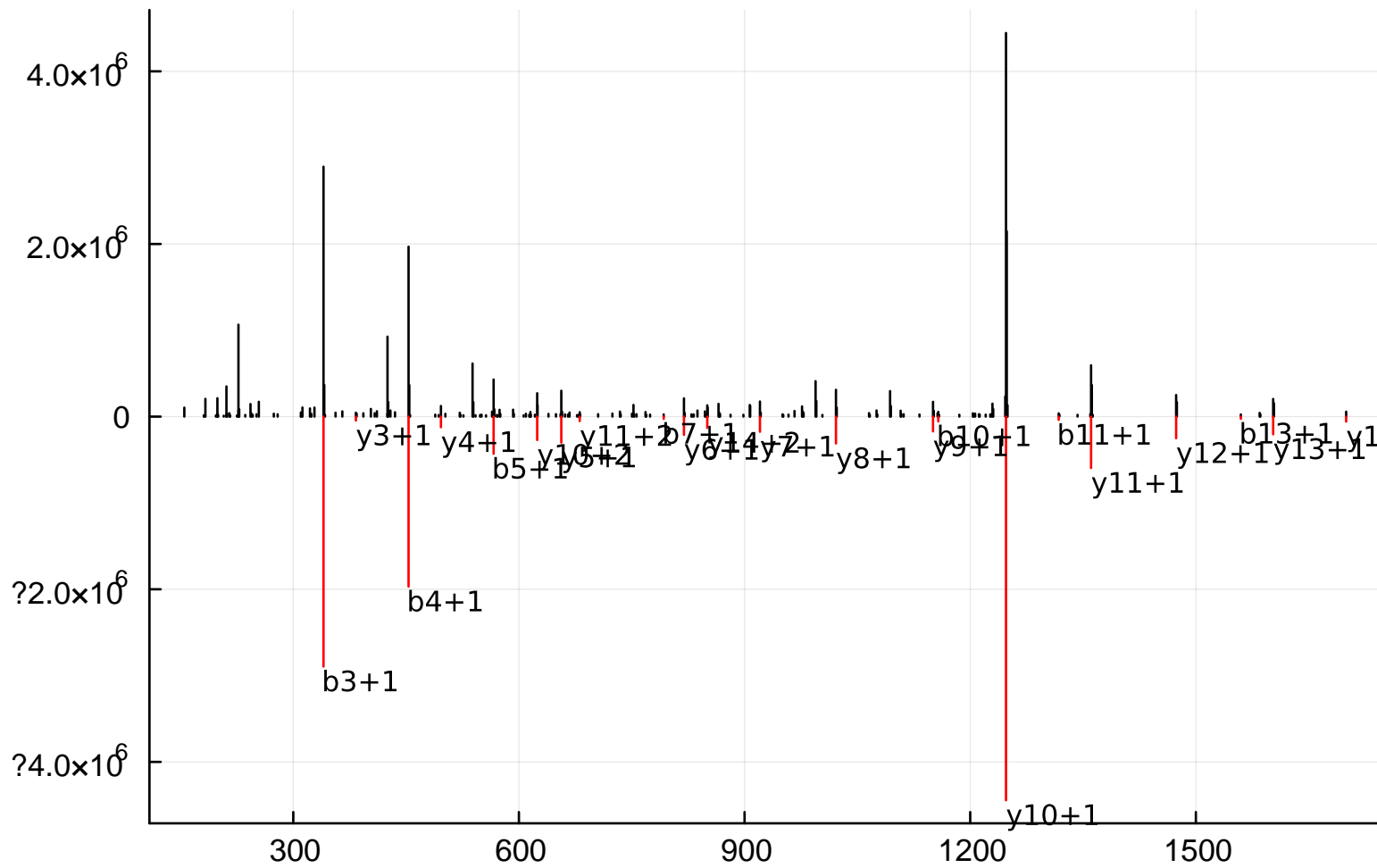Il17f- AGNC[Carb]PPLEDNTVR[Harg]
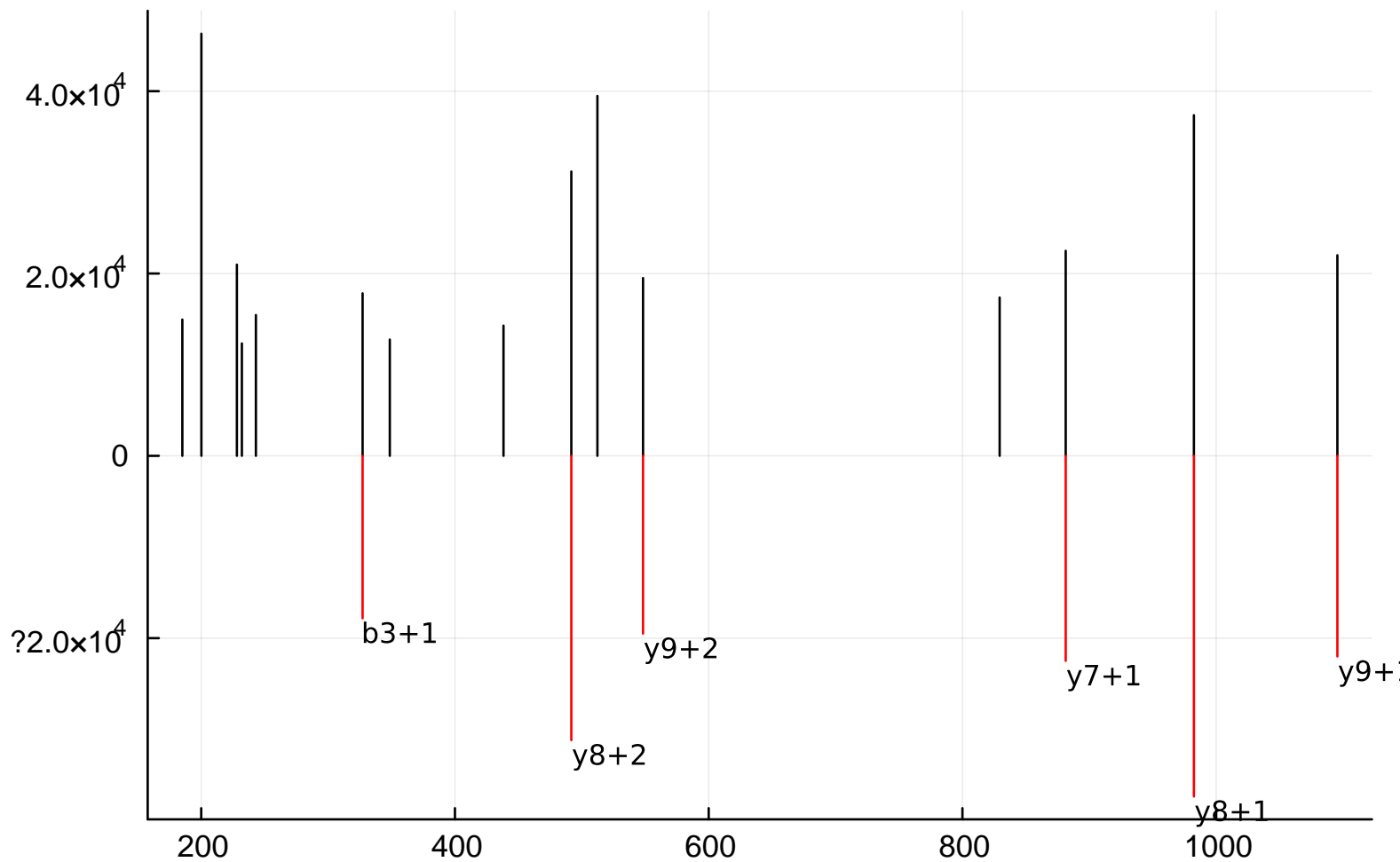
Il17f- IFNQNQGISVPR[Harg]

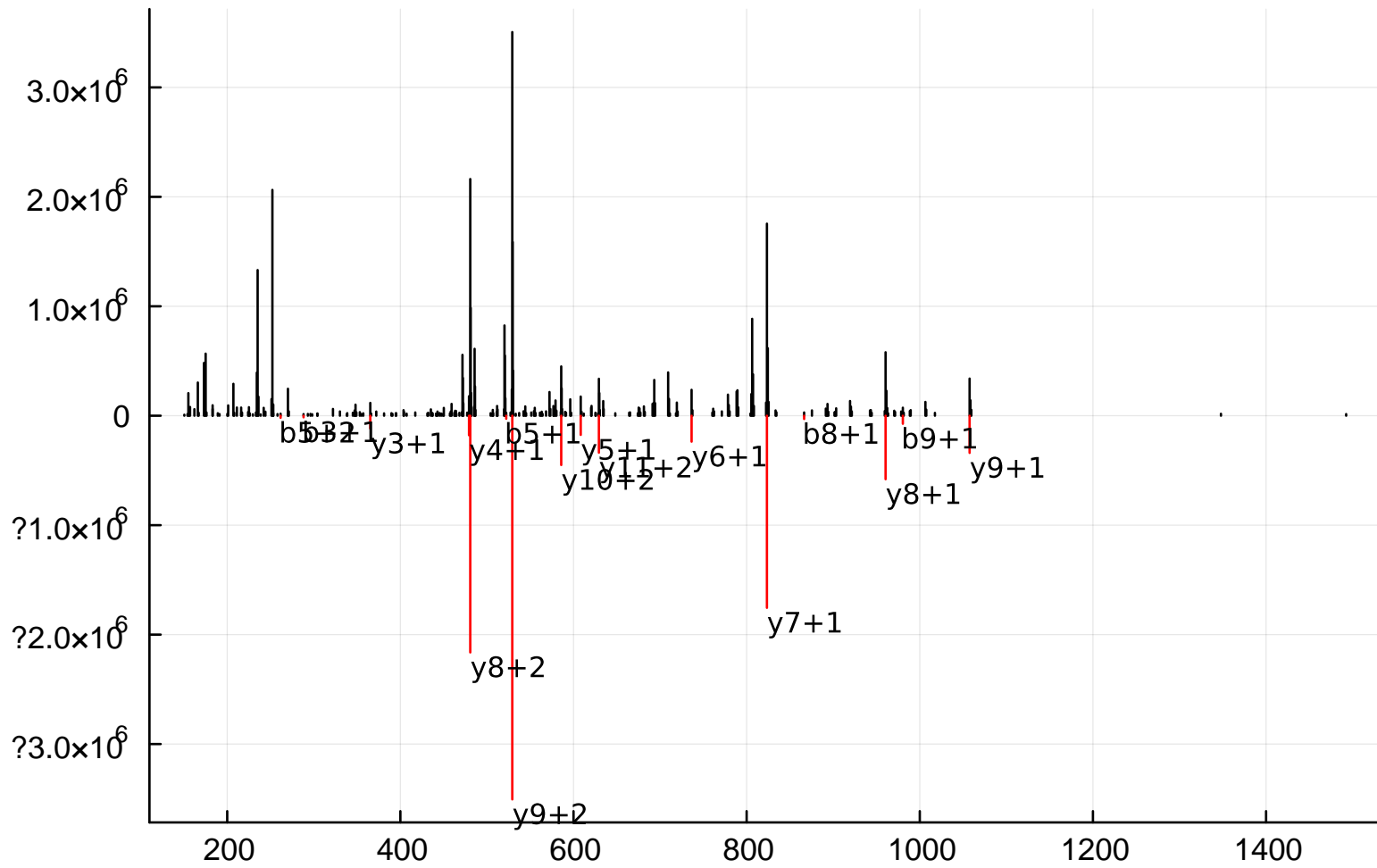Il17f- SSSPWDYNITR[Harg]

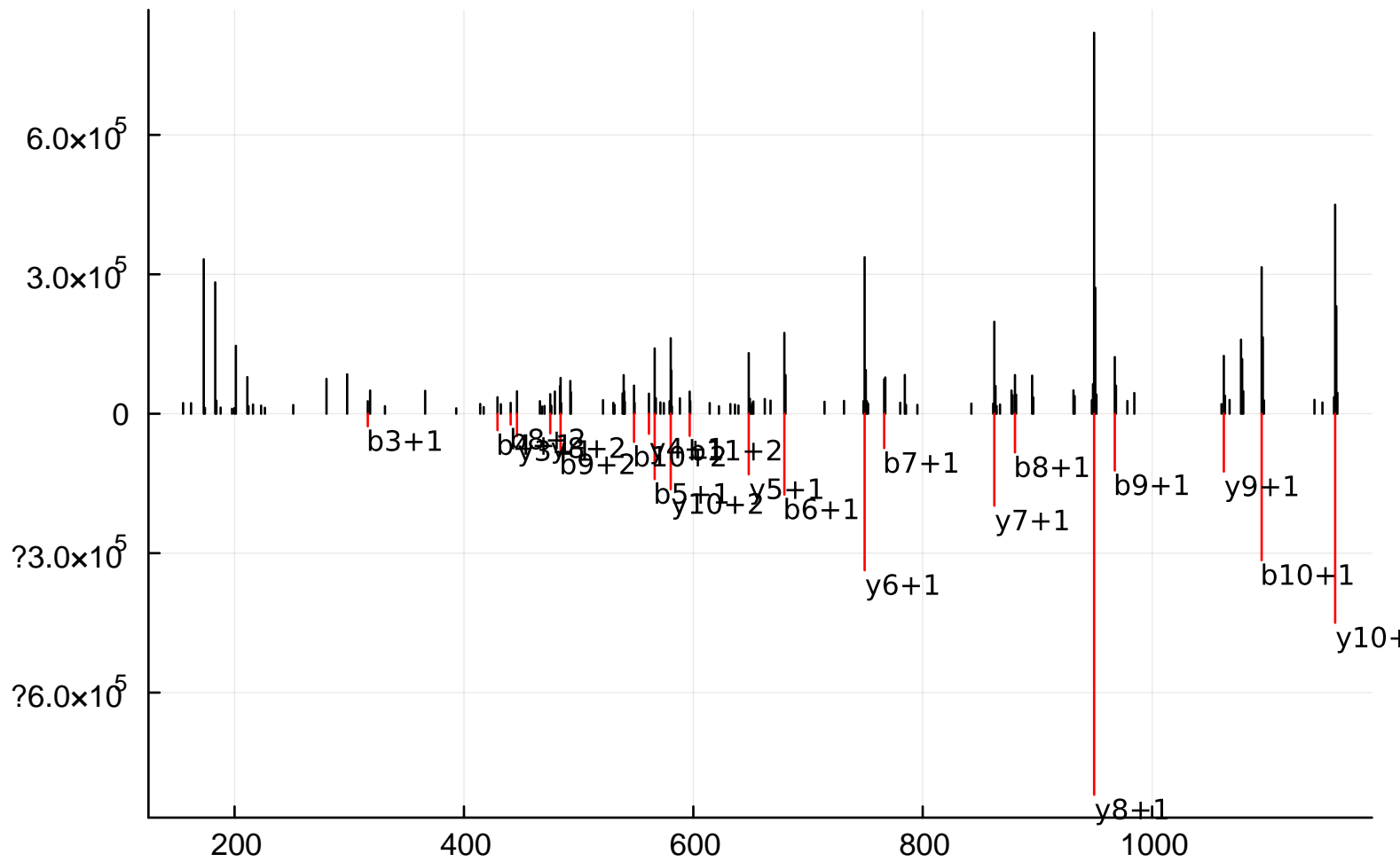Il22- EASLADNNTDVR[Harg]

Inar1- IPELLPETTYC[Carb]LEVK[Hlys]
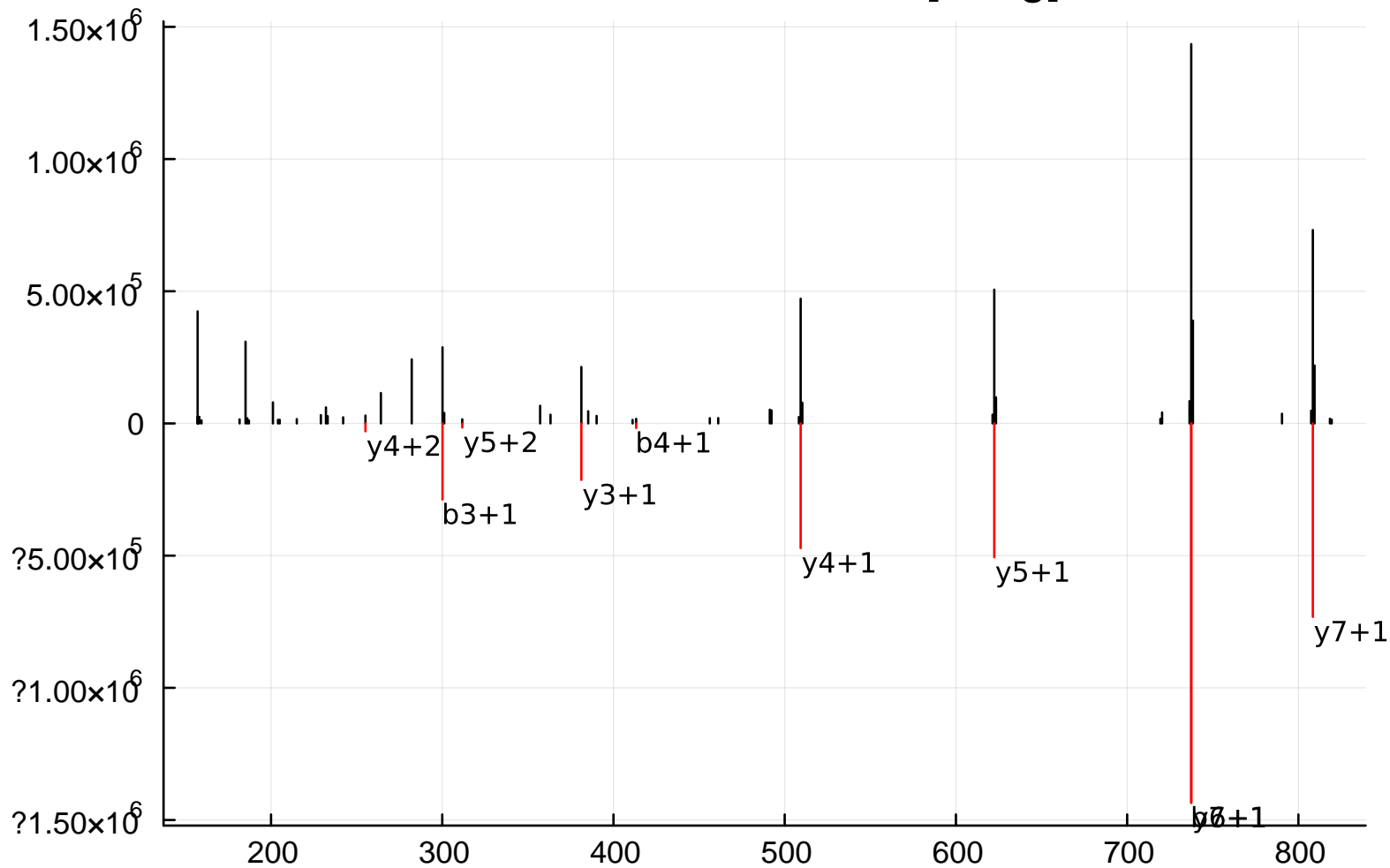
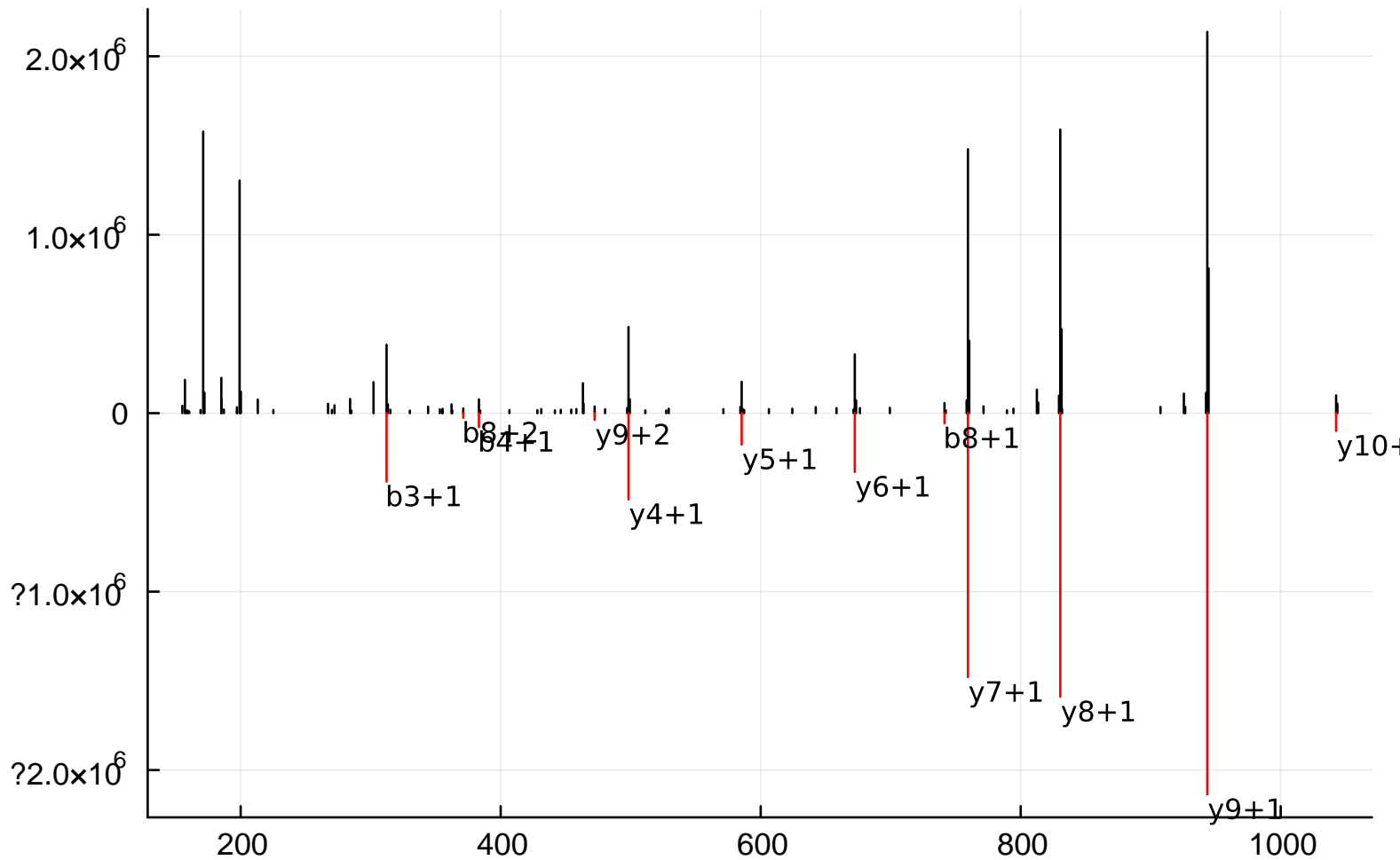Inar1- NLVLLTAEEHTER[Harg]

Irf3- SSLPHSQENLPK[Hlys]

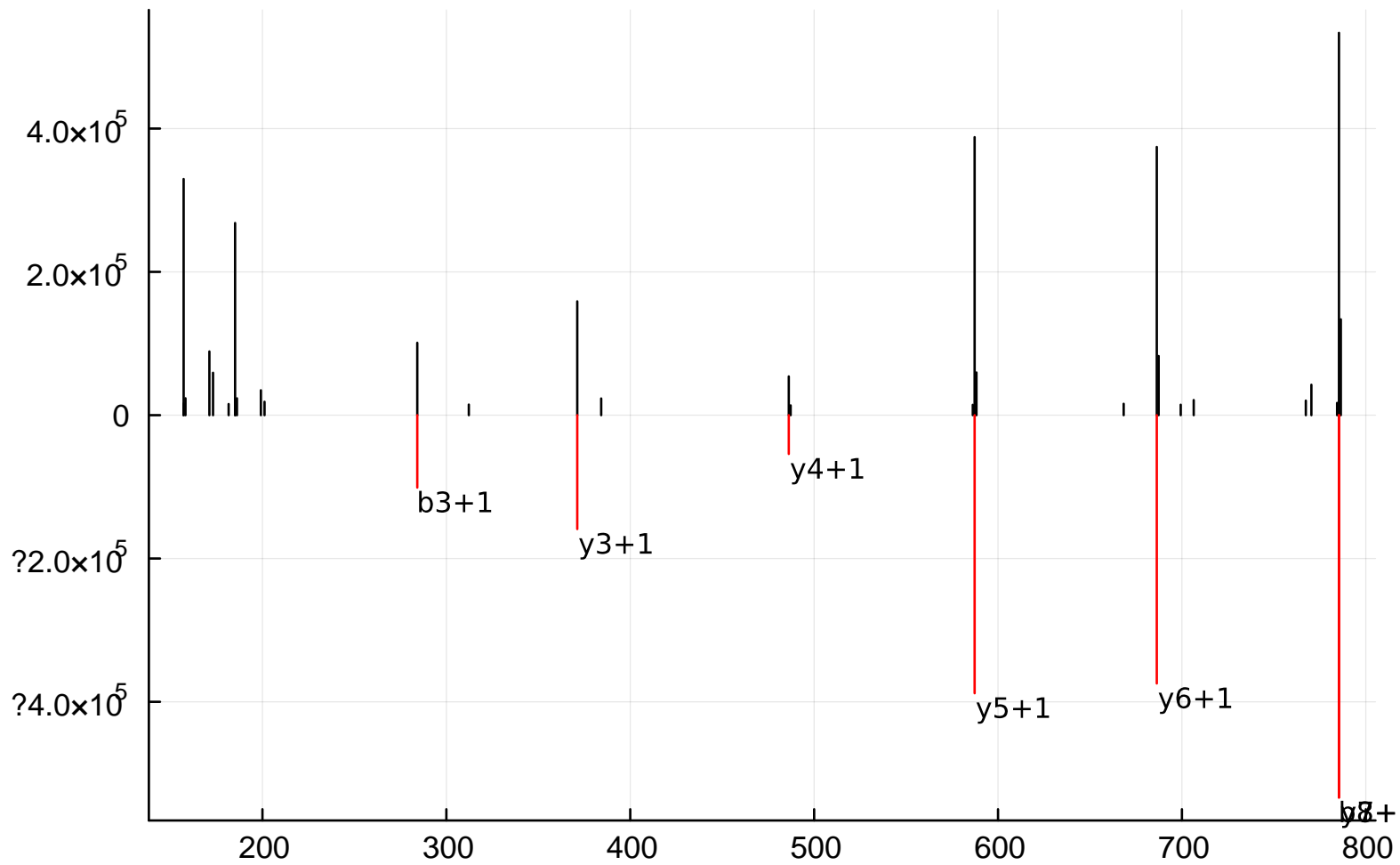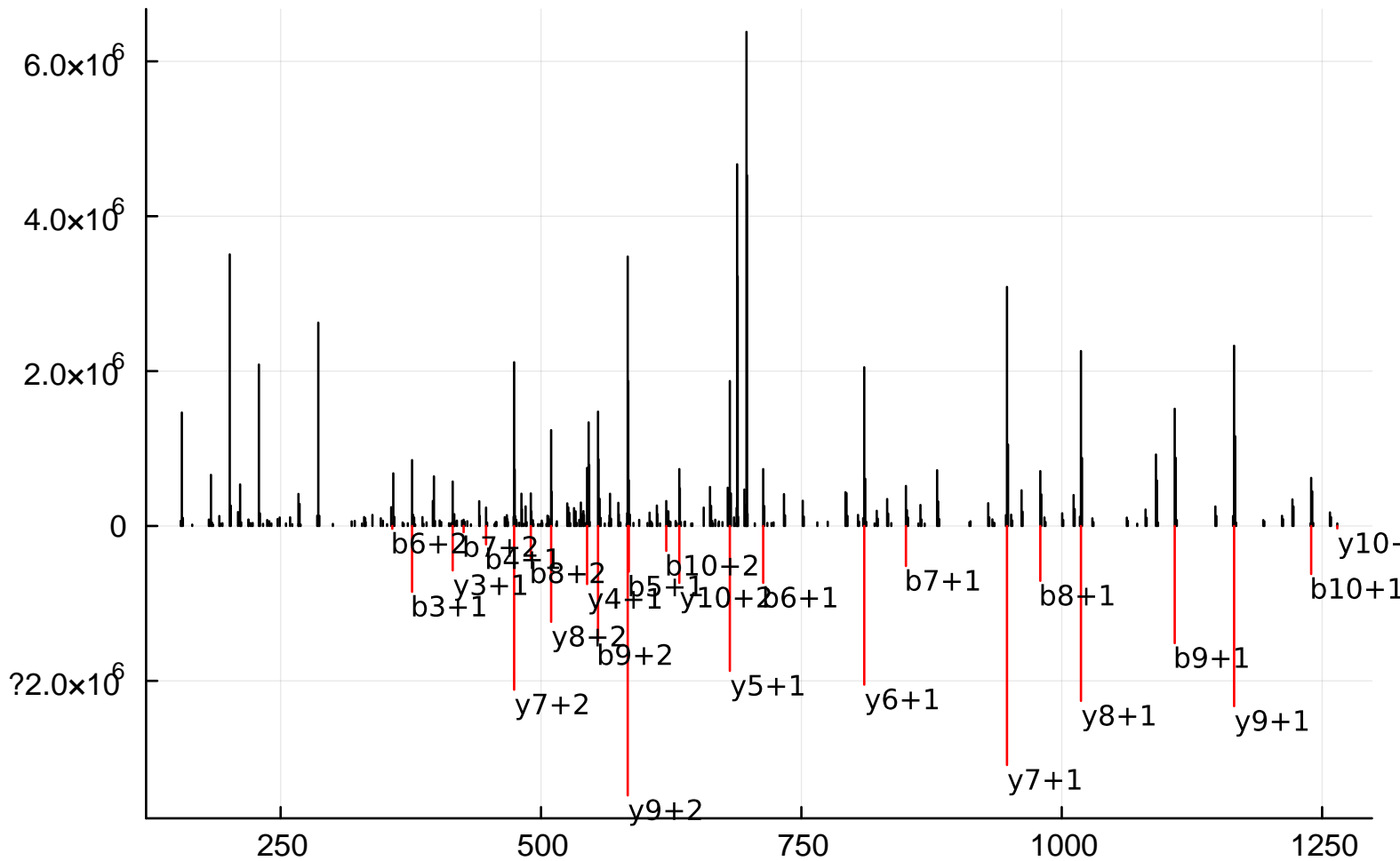# Irf3- TVDLHISNSQPISLTSDQYK[Hlys]
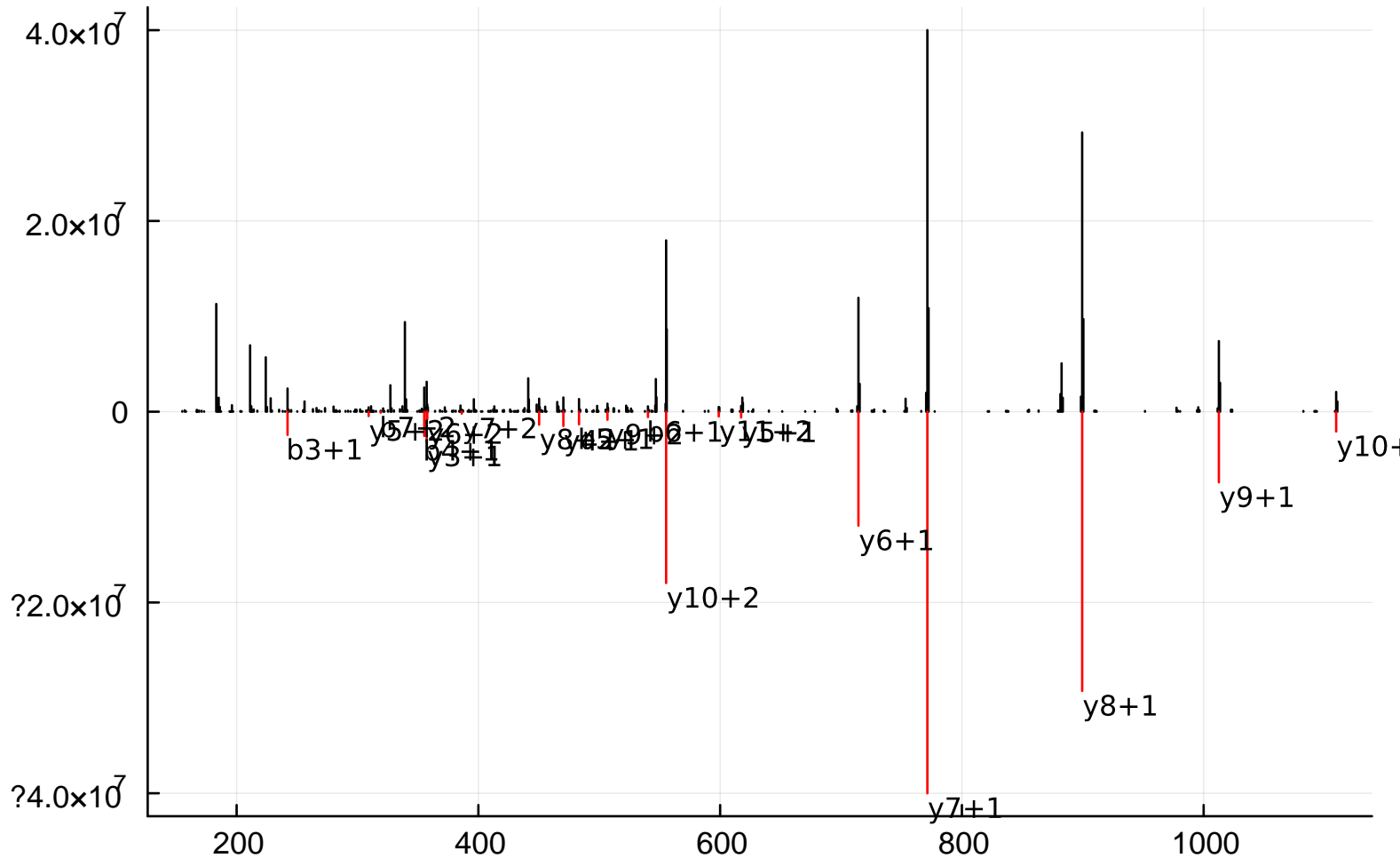
KEAP1- LADLQVPR[Harg]
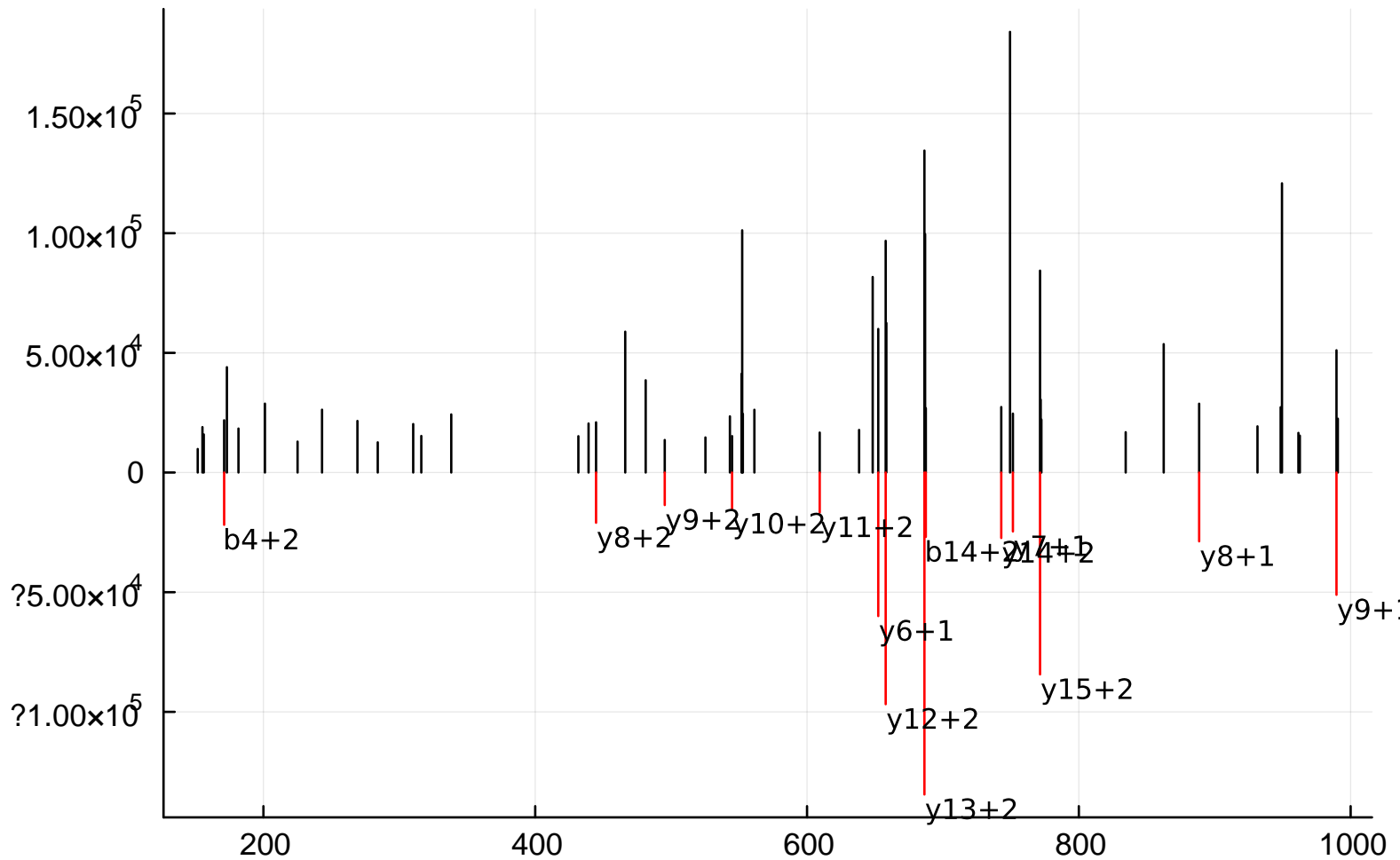
KEAP1- VVLASSSPVFK[Hlys]
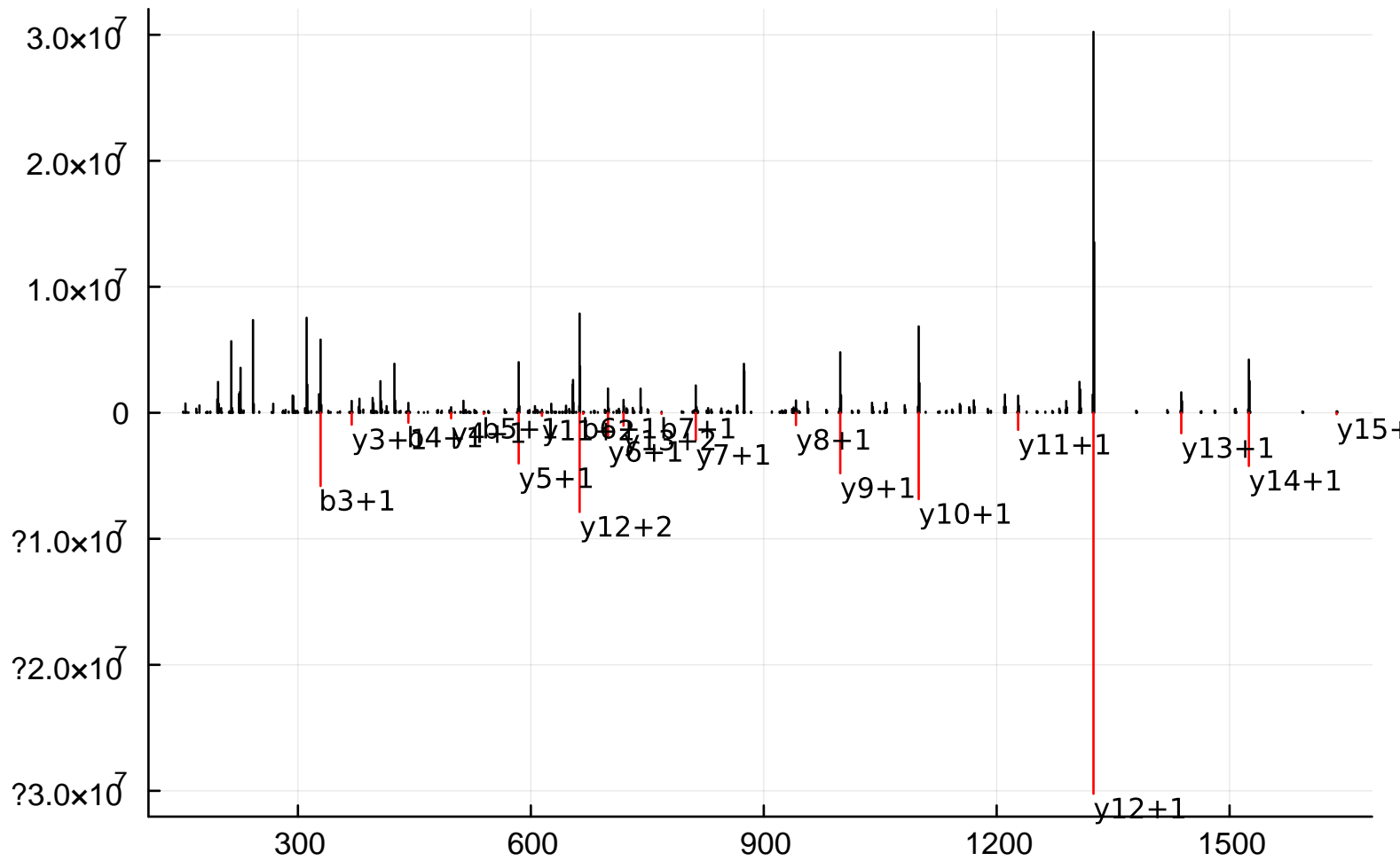
MAOX- AIVVTDGER[Harg]
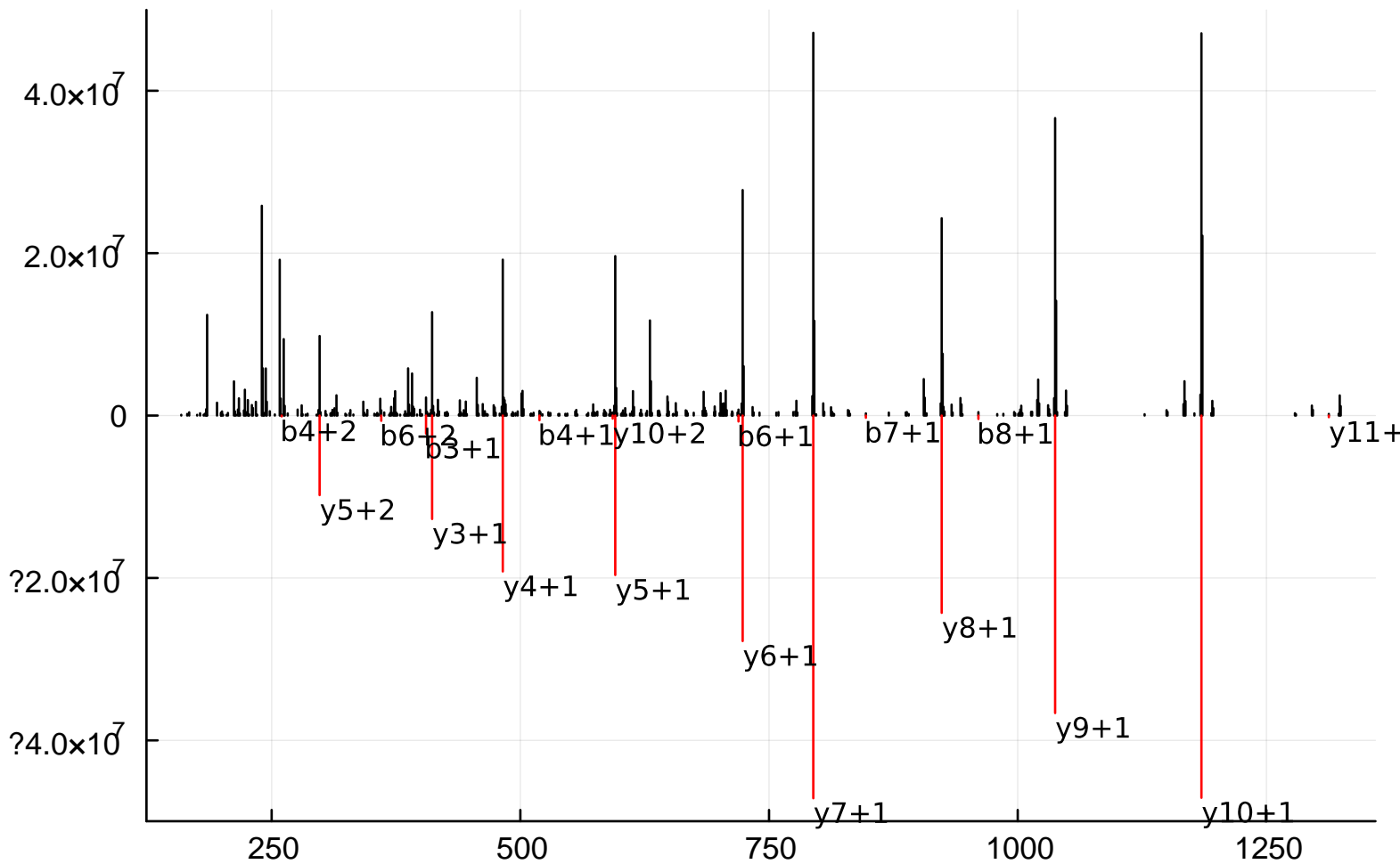
MAOX- EVFAHEHEEMK[Hlys]

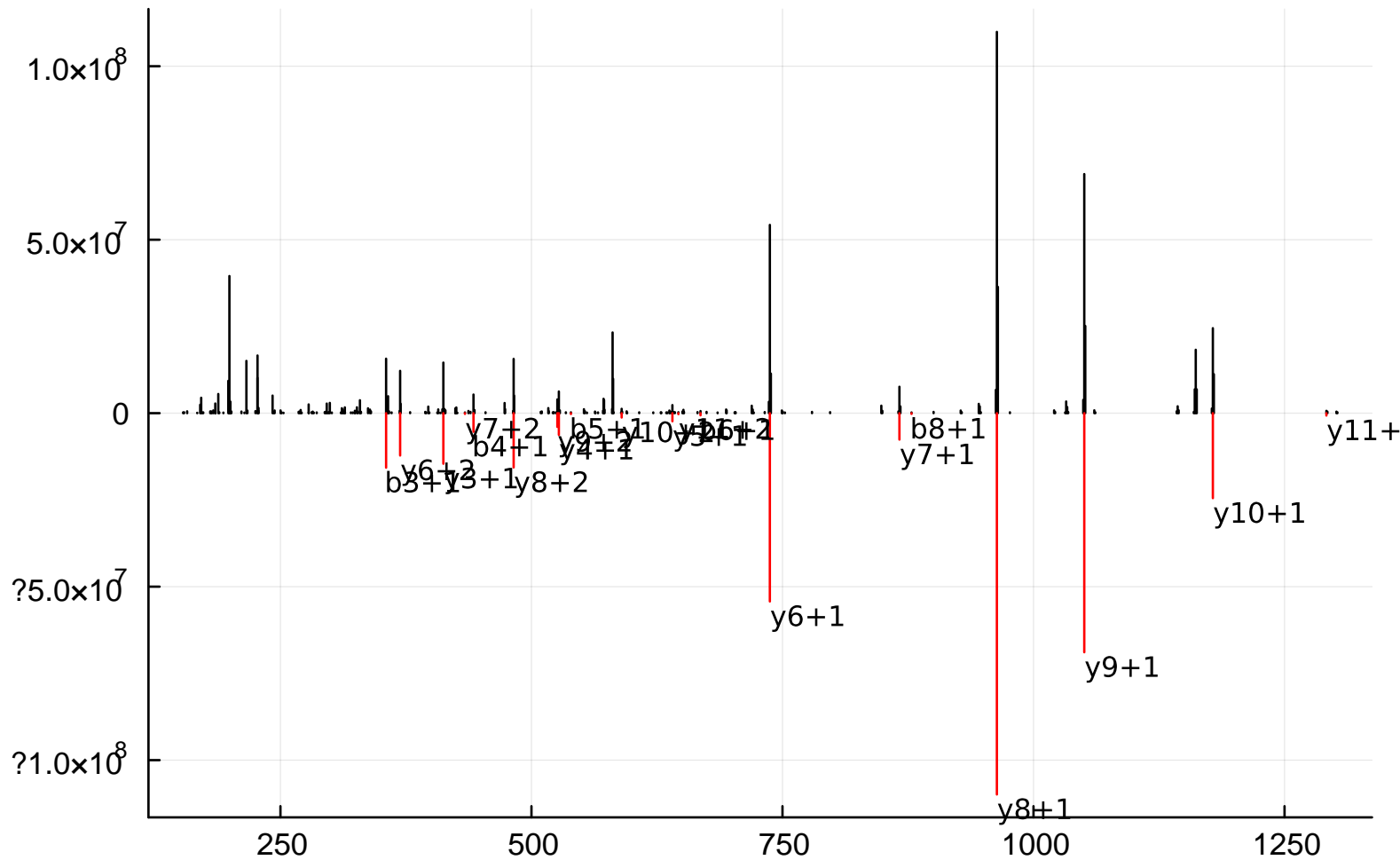# Mmp9- GSPLQGPFLTAR[Harg]
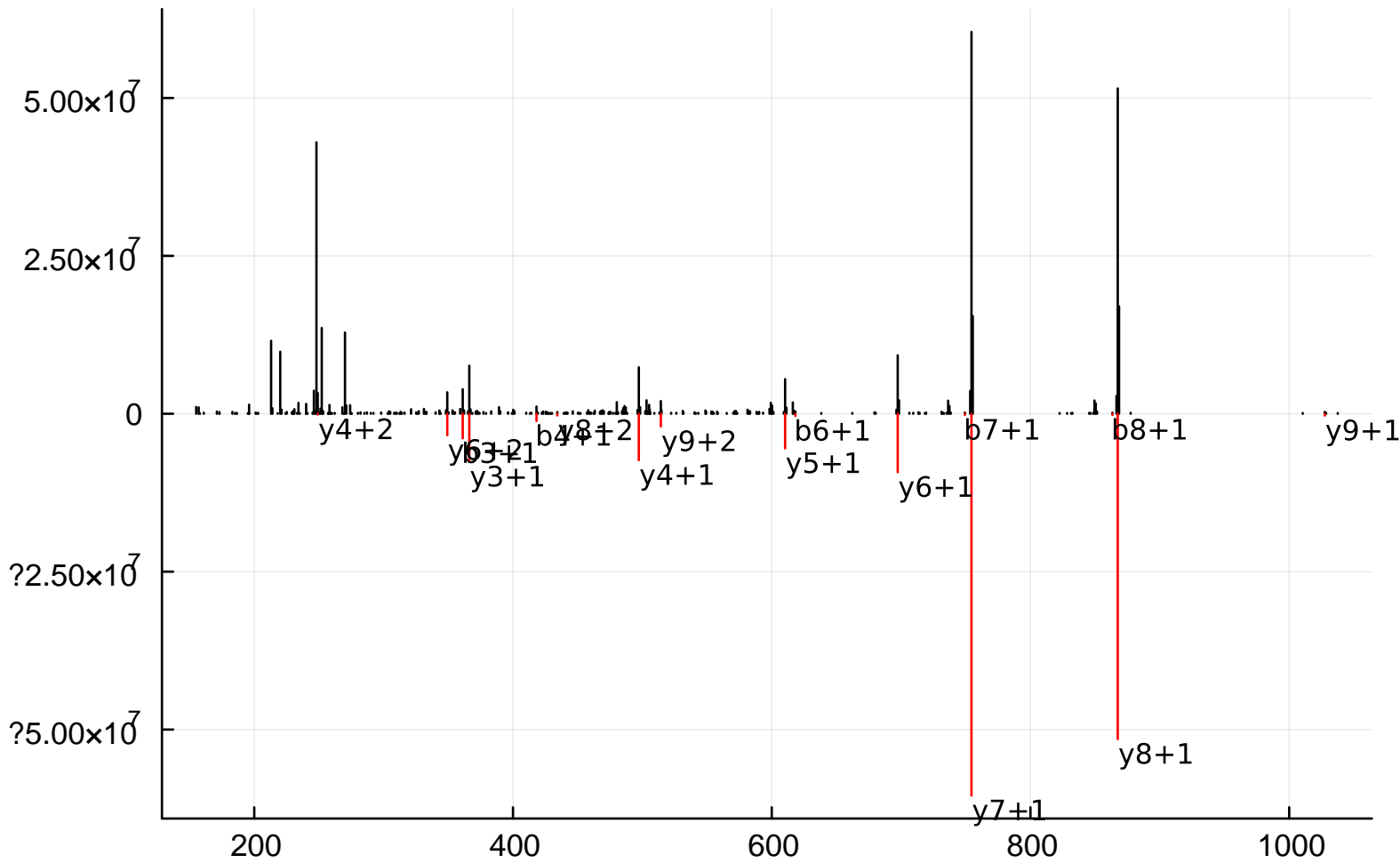
Mmp9- LGLGPEVTHVSGLLPR[Harg]

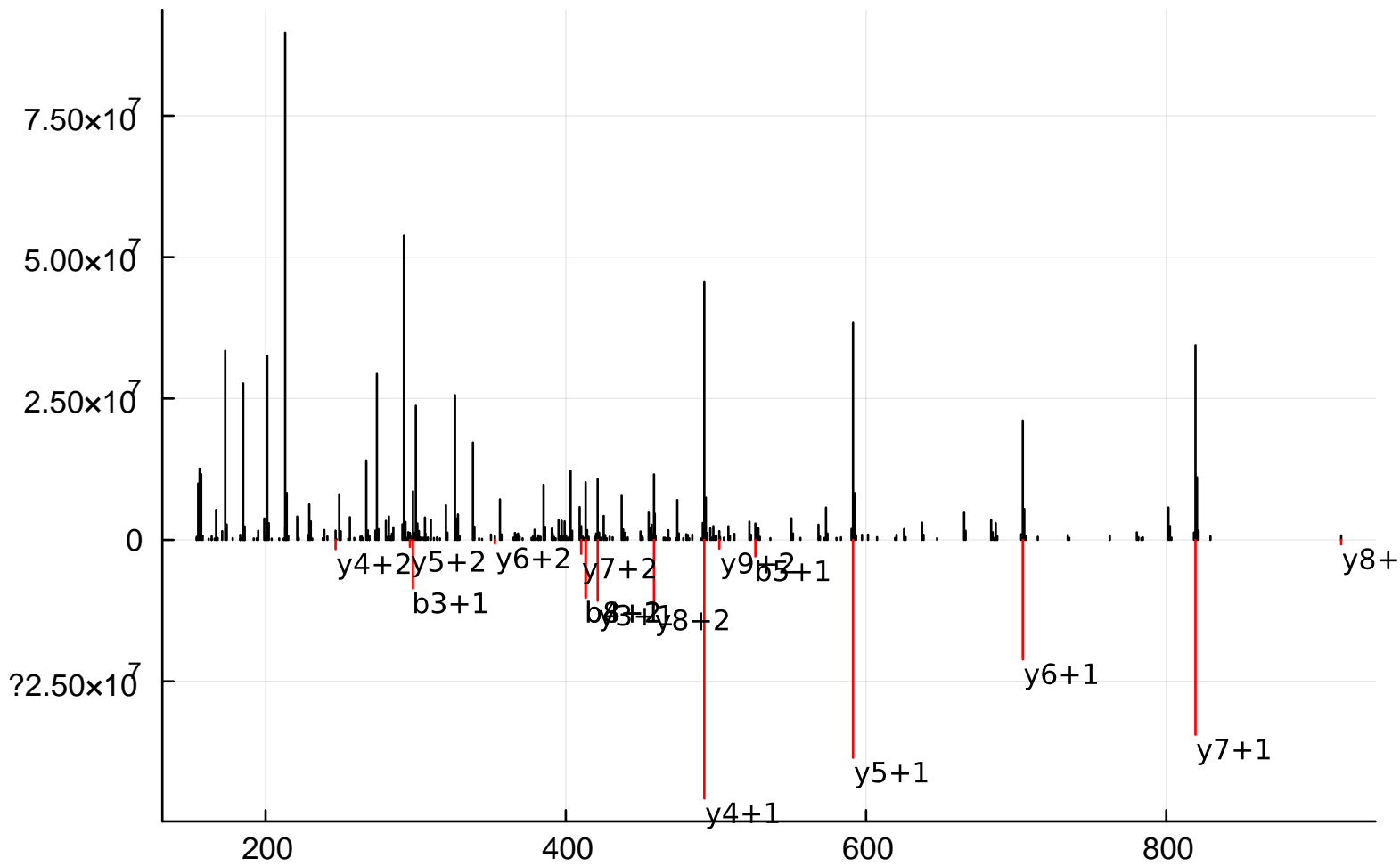Mmp9- QLSLPQTGELDSQTLK[Hlys]
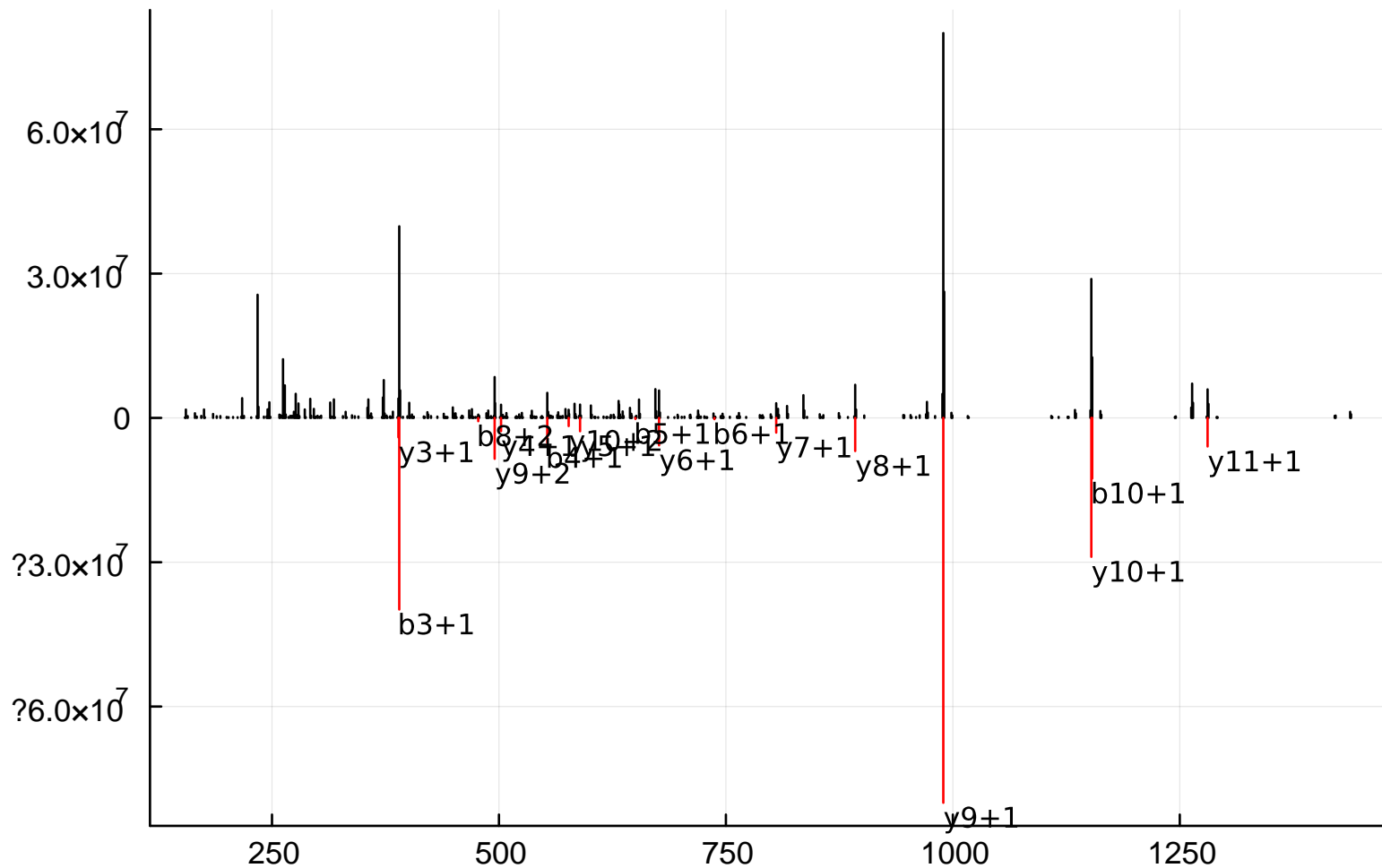
NFE2L2- EQFNEAQLALIR[Harg]
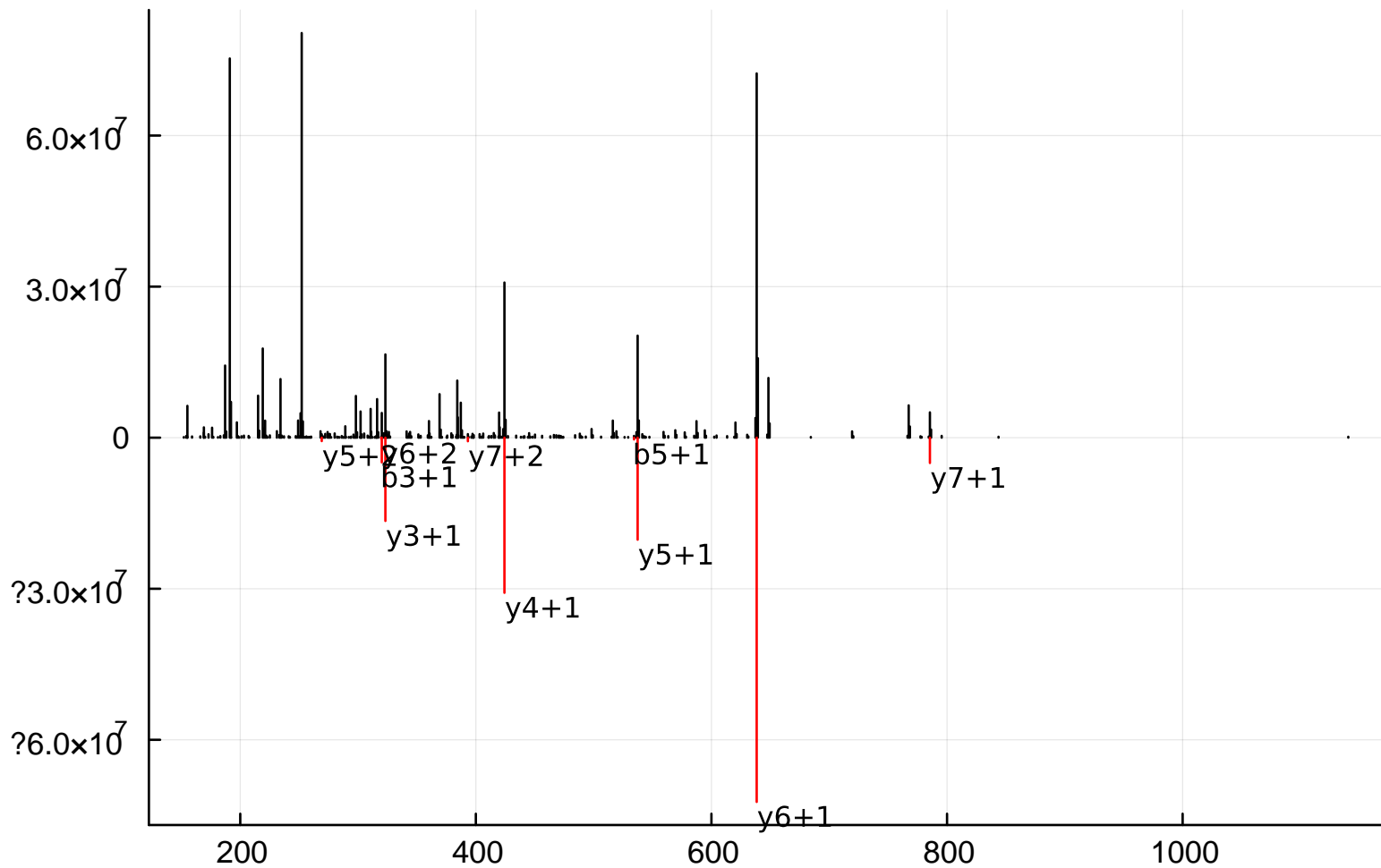
NOS2- LIQSPEPLDLNR[Harg]
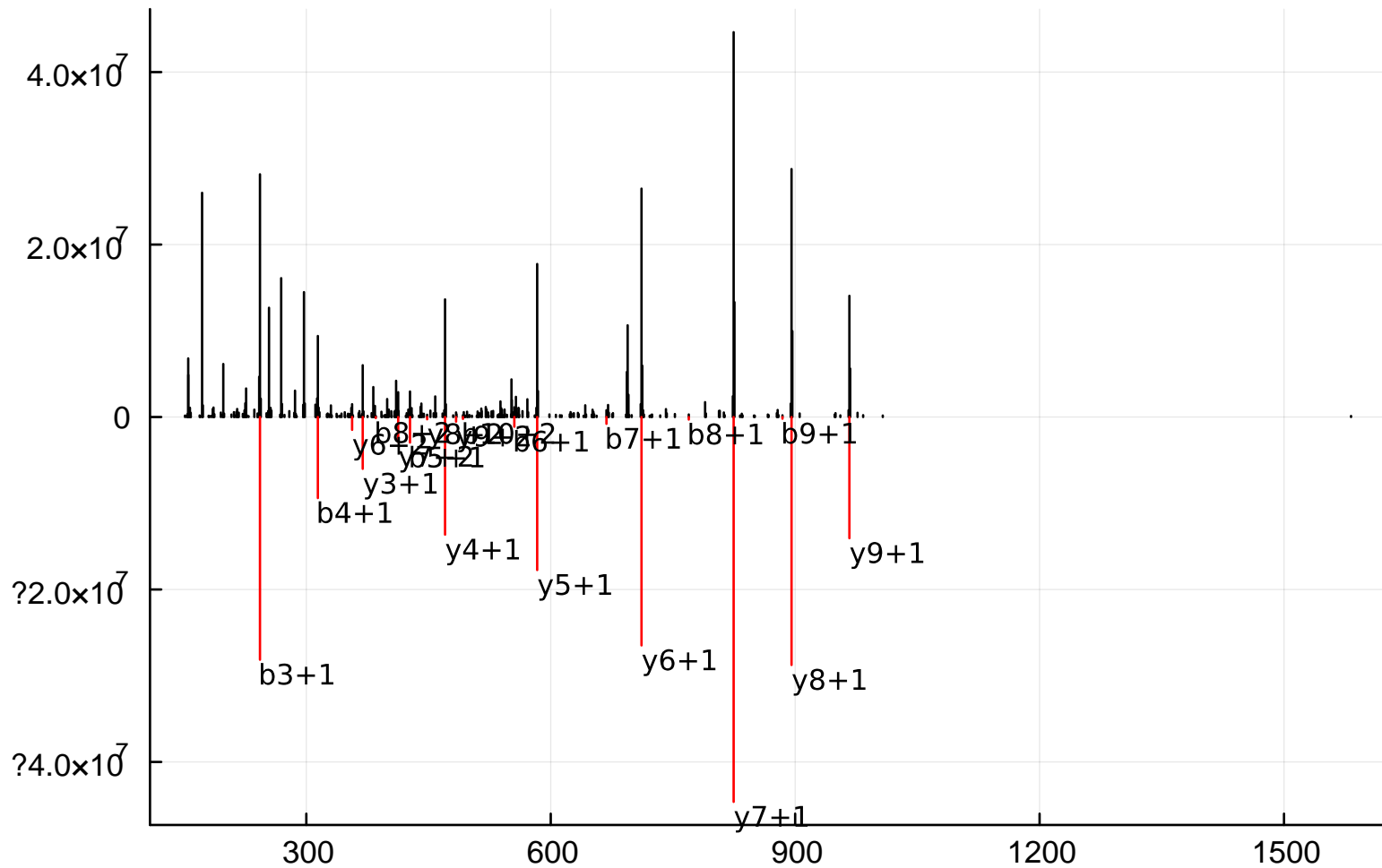
NOS2- SC[Carb]LGSIMNPK[Hlys]
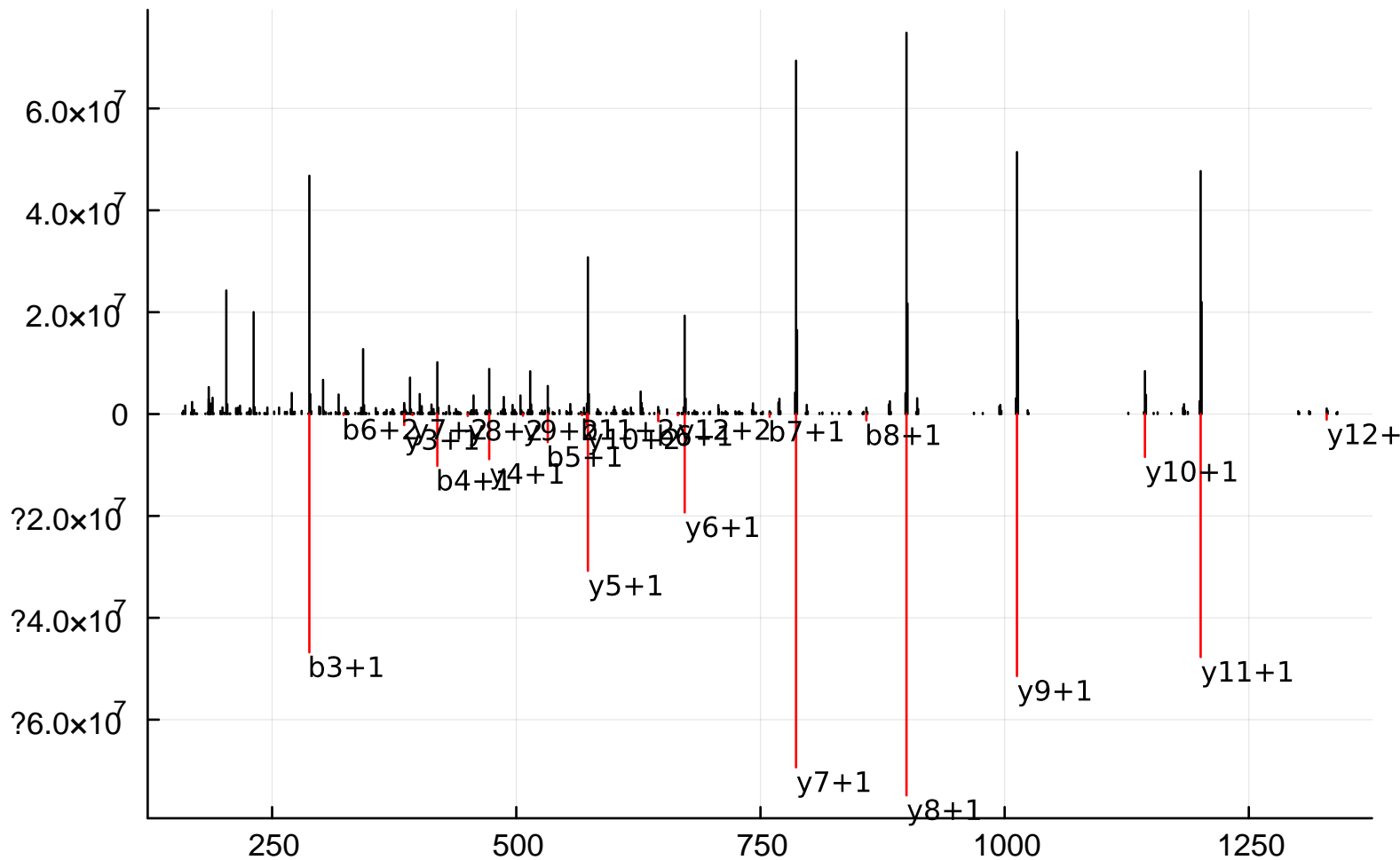
NQO1- LSPDIVAEHK[Hlys]
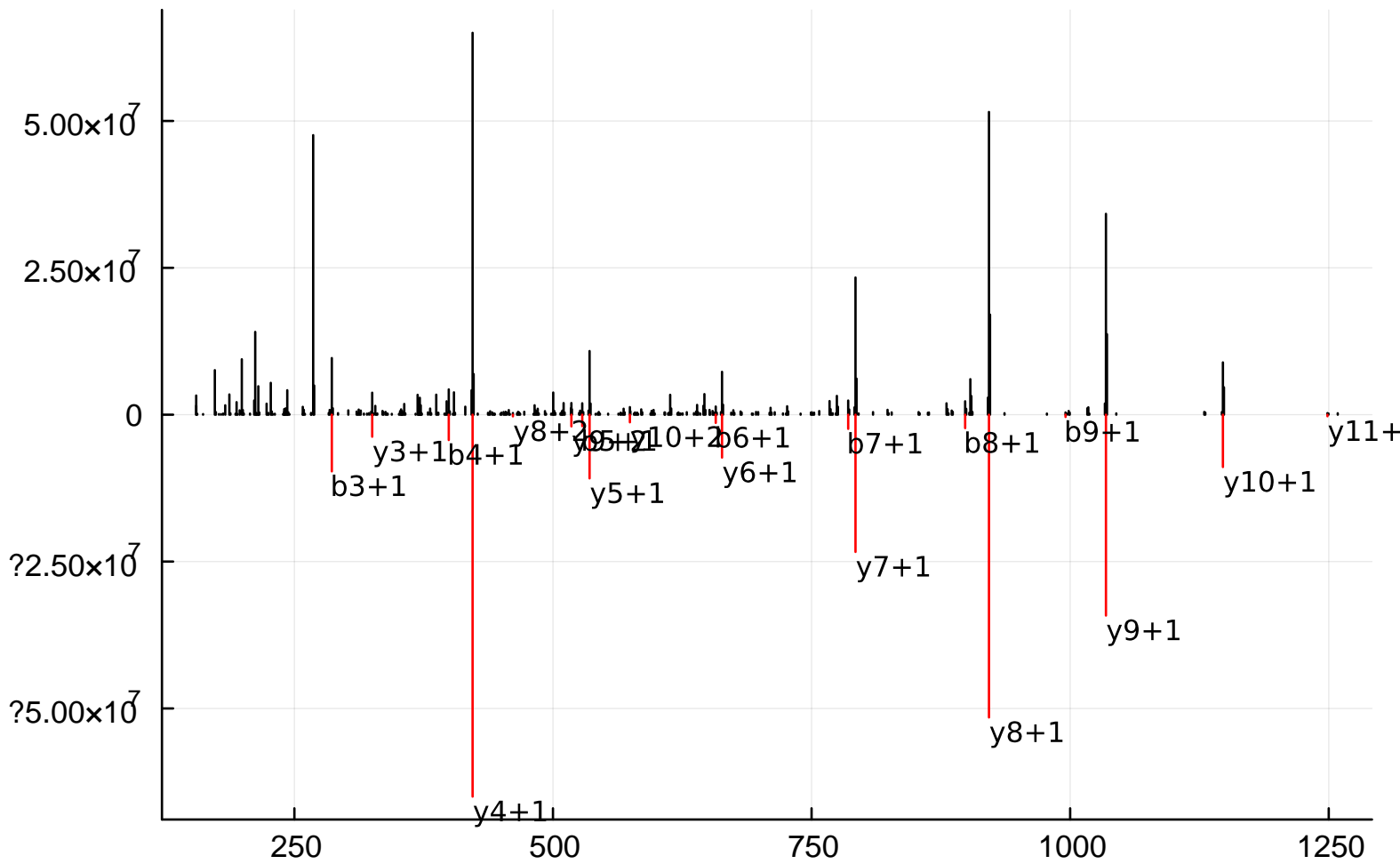
NQO1- NFQYPSESSLAYK[Hlys]
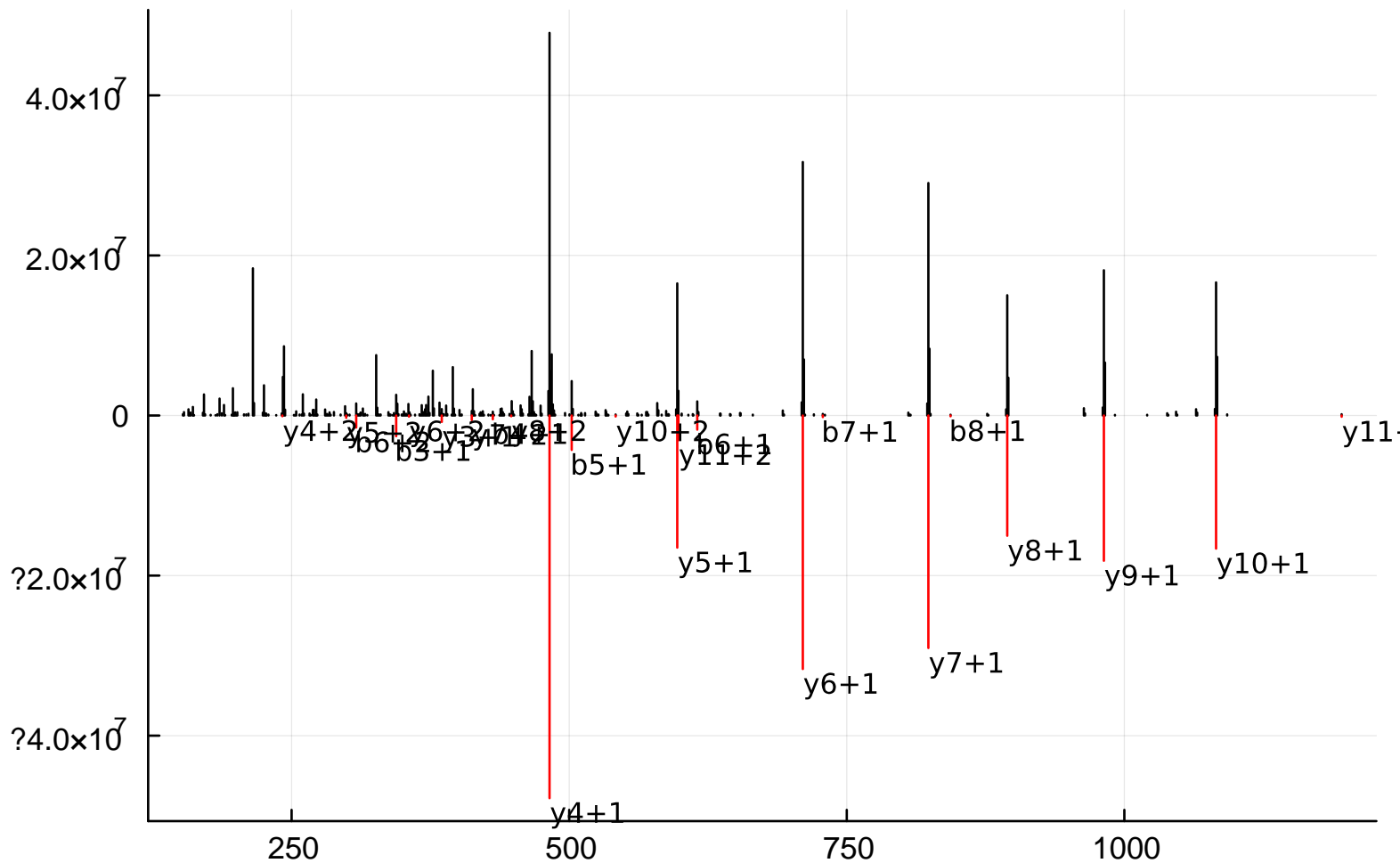
PD1L1- AFTITAPK[Hlys]

PD1L1- GNAALQITDVK[Hlys]
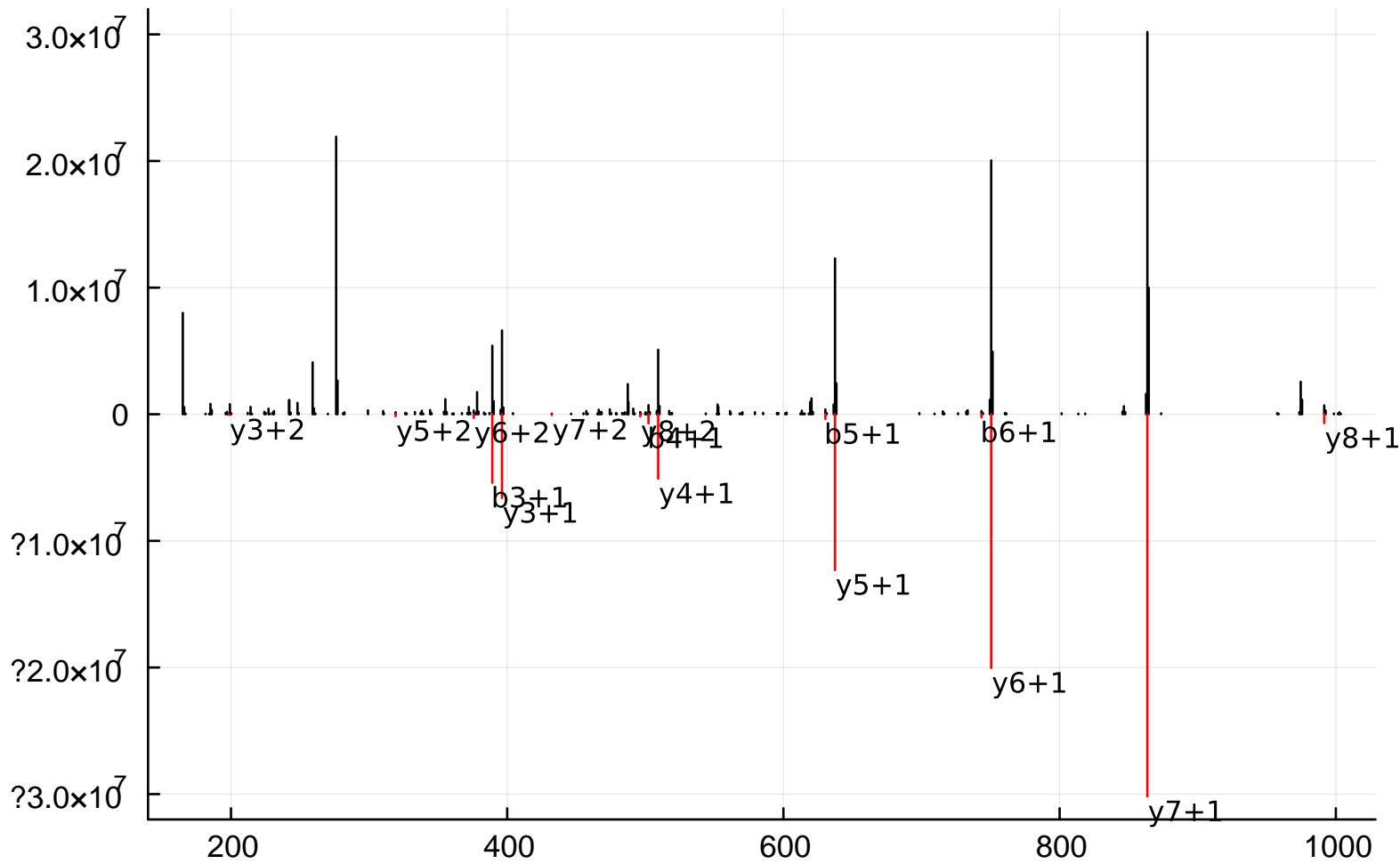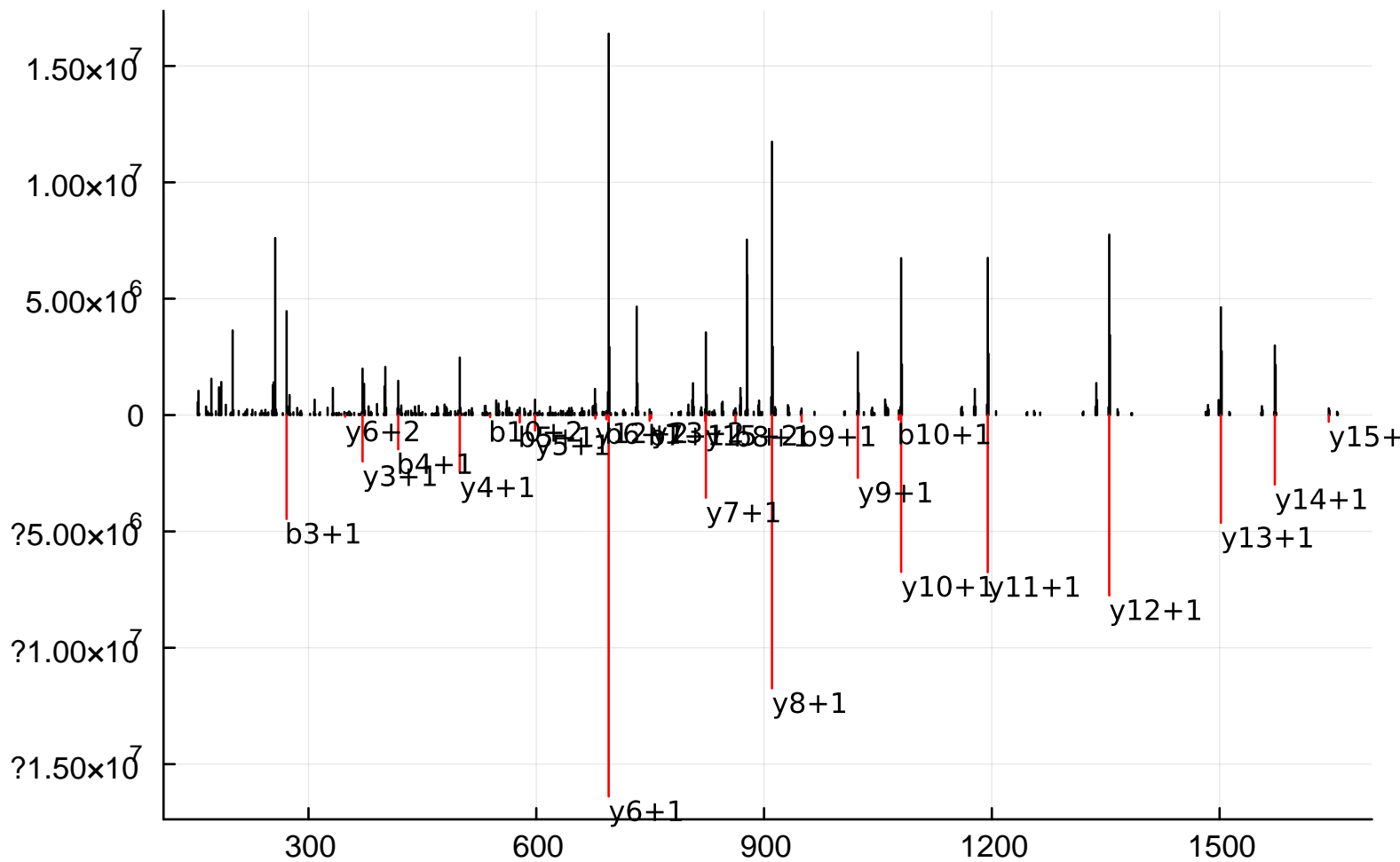
PD1L1- TEGMLLNVTSSLR[Harg]
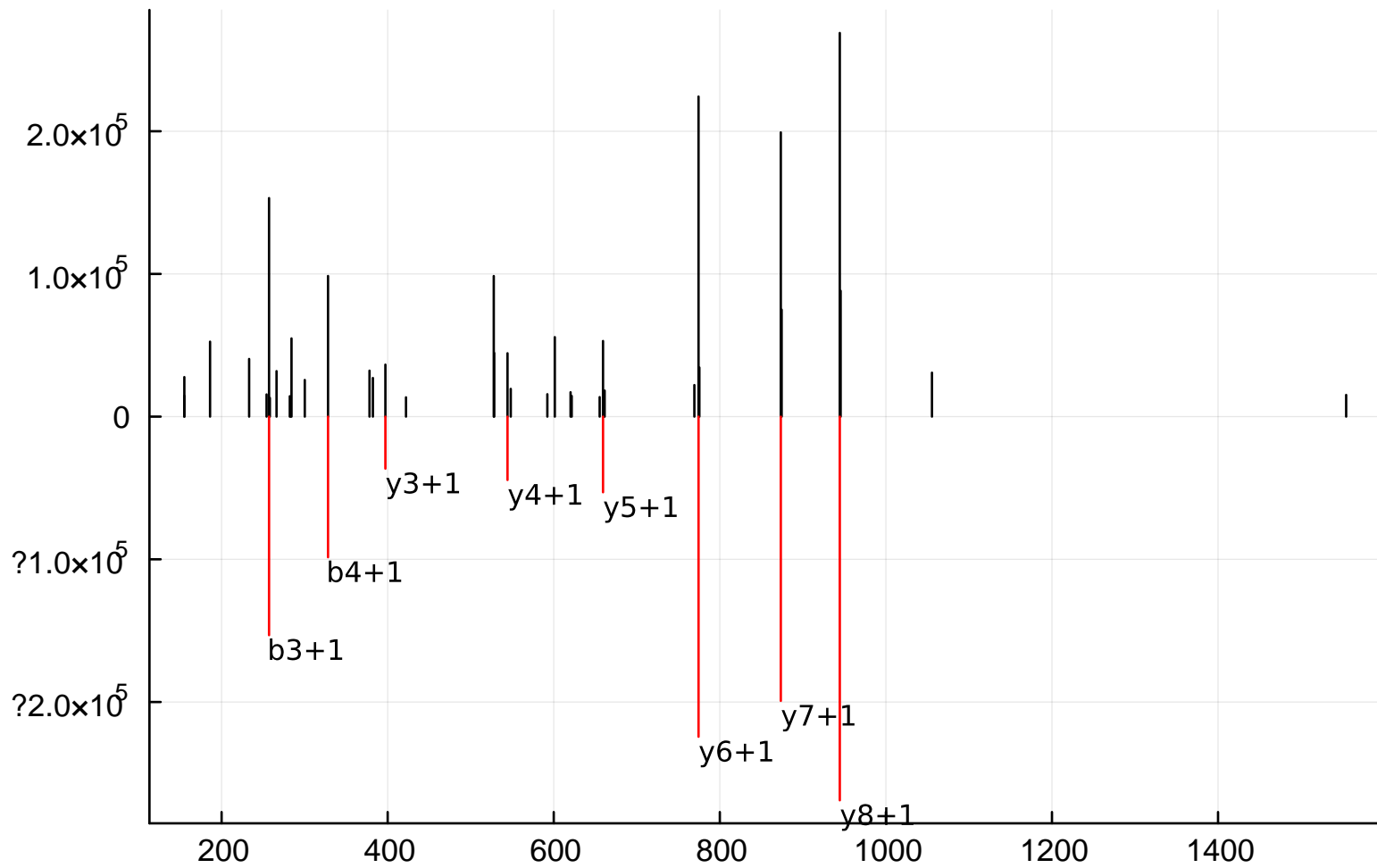
PD1L2- ATLLEEQLPLGK[Hlys]

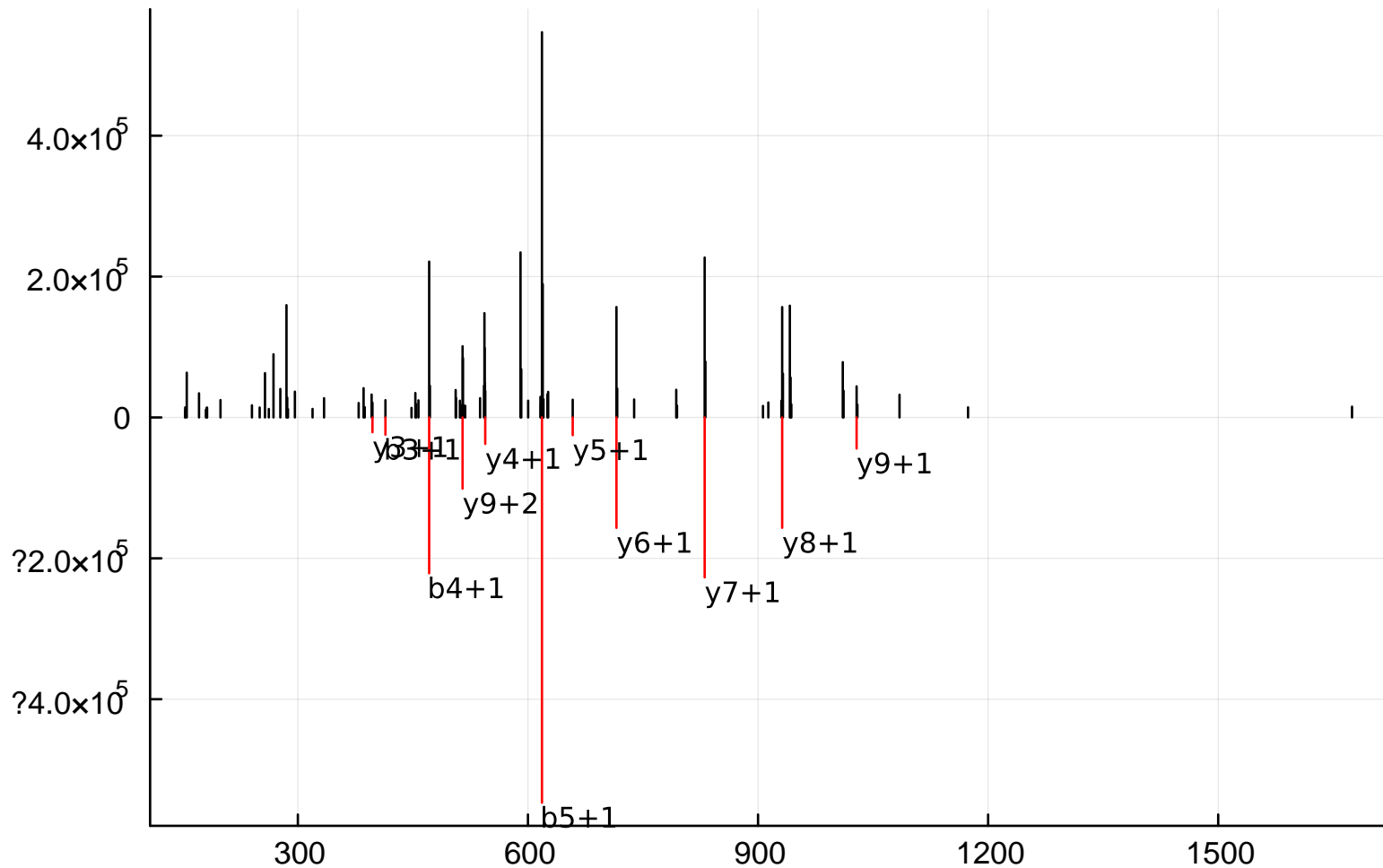# PD1L2- ELTSAIIDPLSR[Harg]

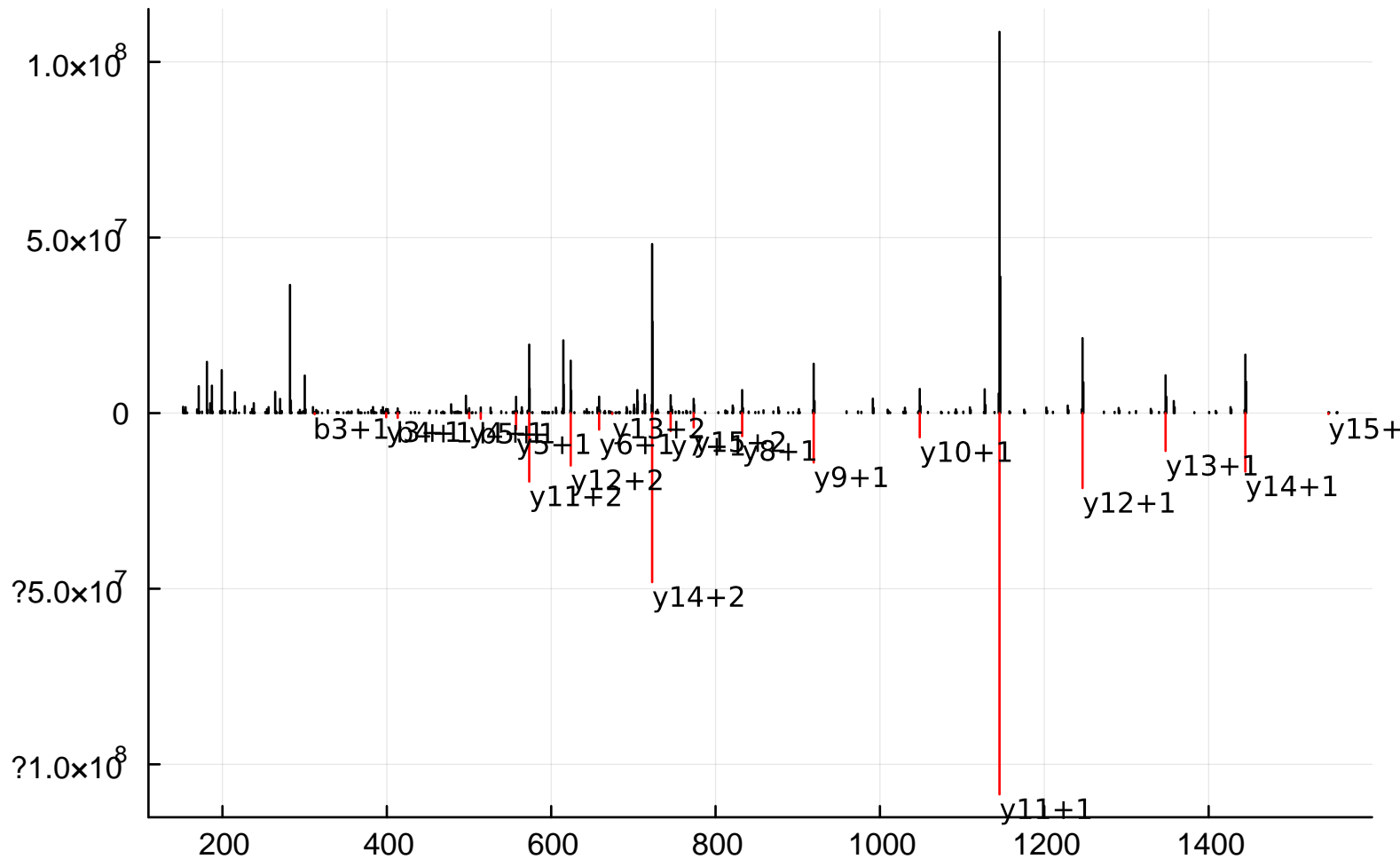PDCD1- FQIIQLPNR[Harg]

PDCD1- QAAFC[Carb]NGLSQPVQDAR[Harg]

PGD- AGQAVDDFIEK[Hlys]

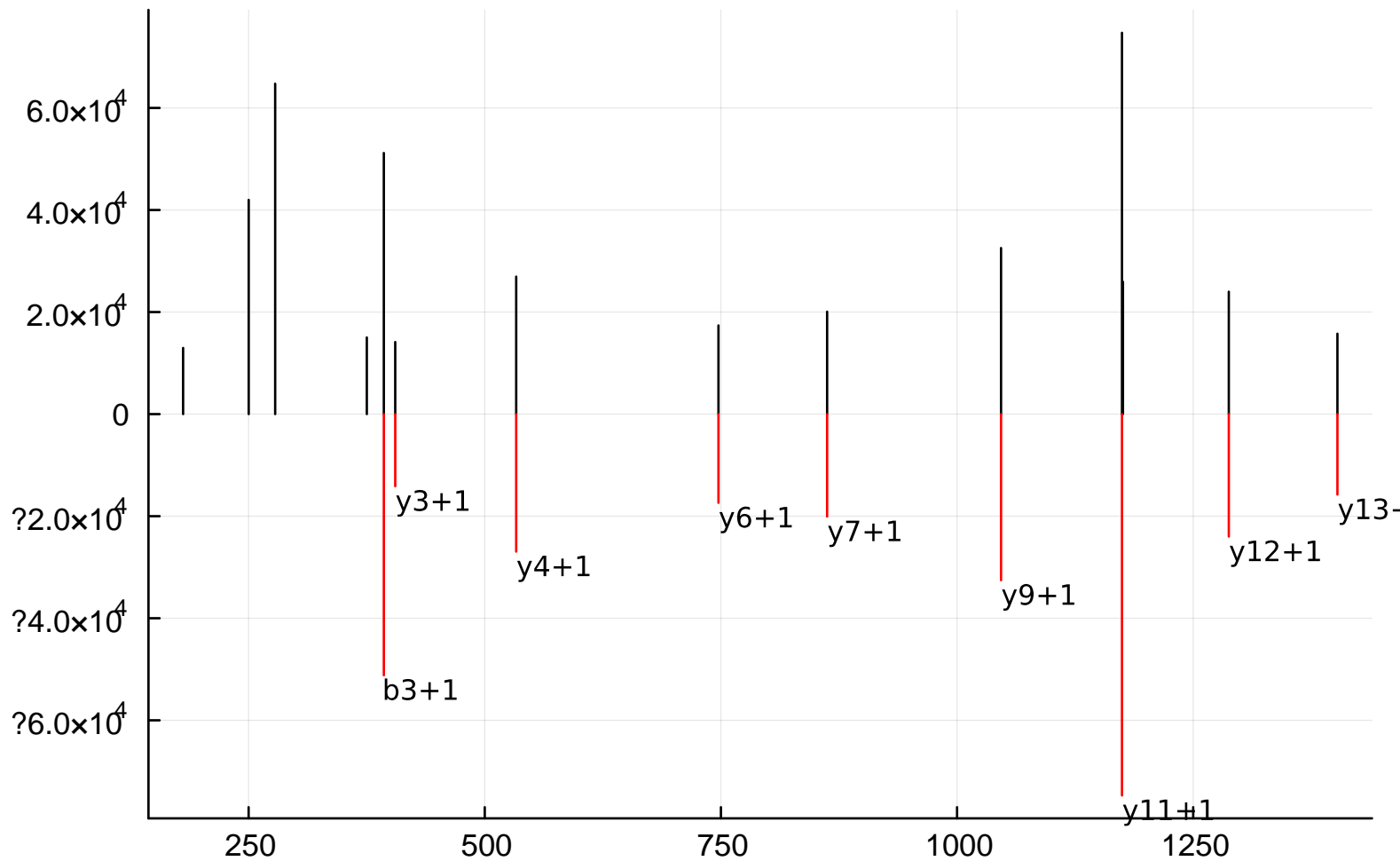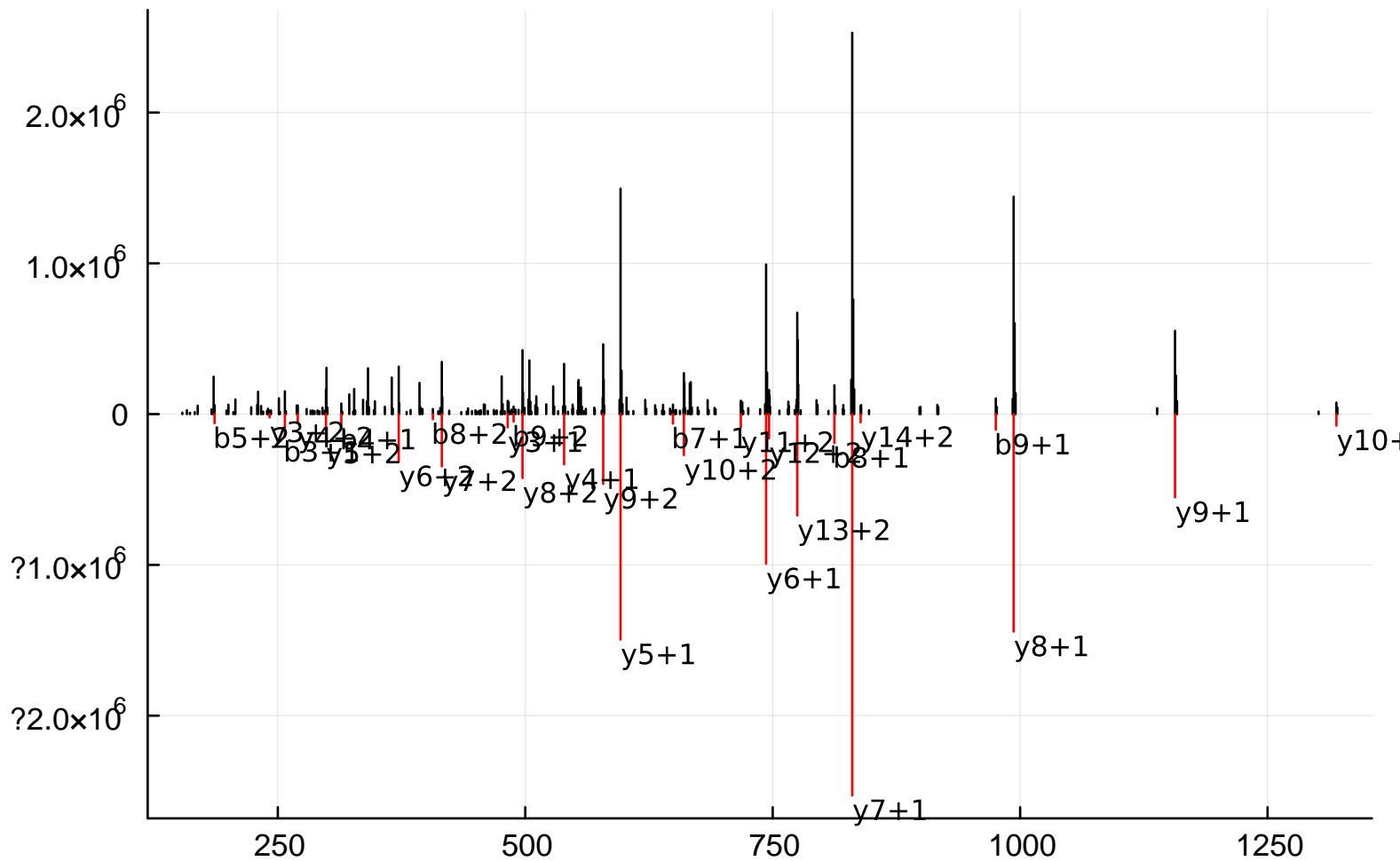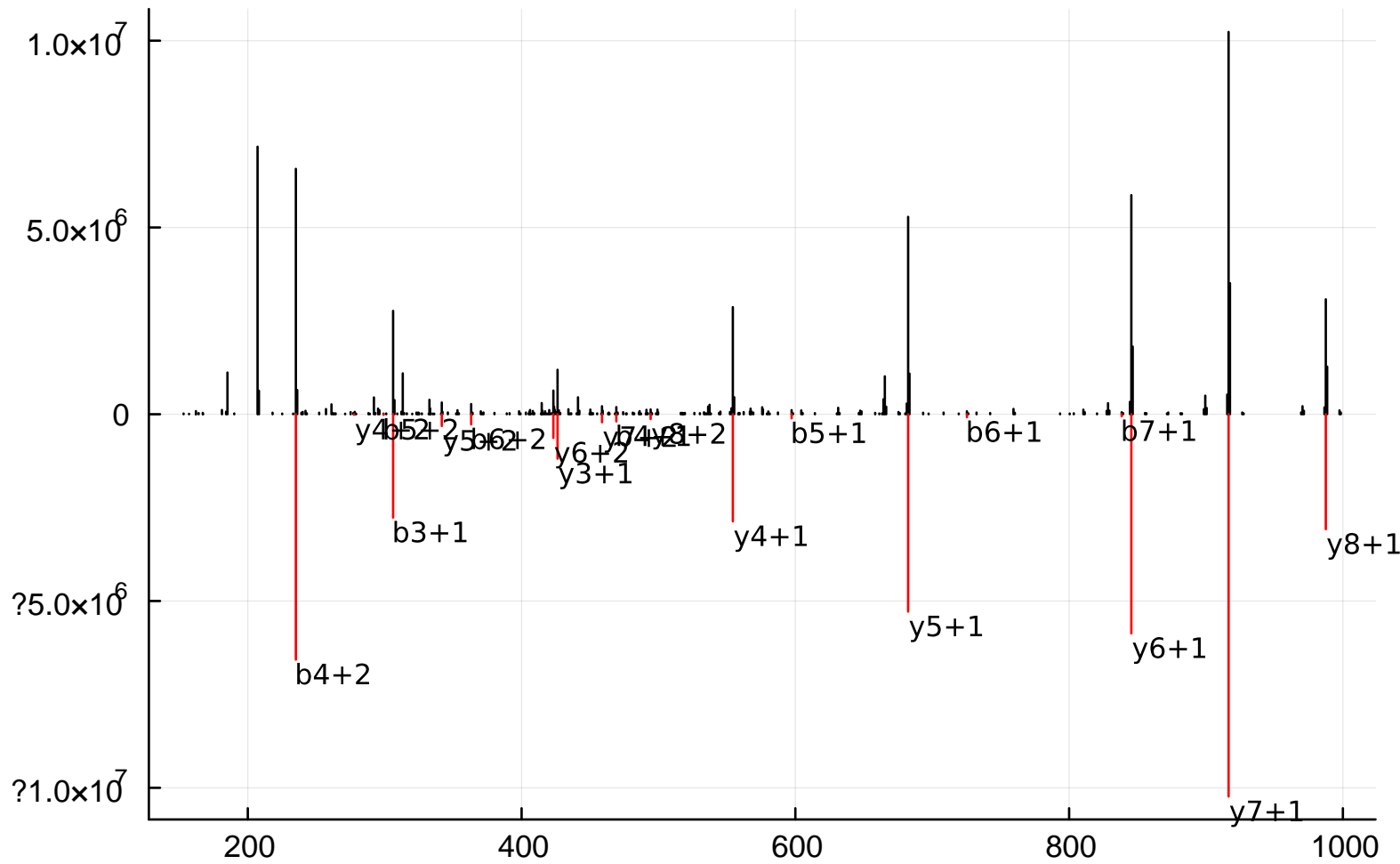# PTGR1- HFEGFPTDGNFELK[Hlys]

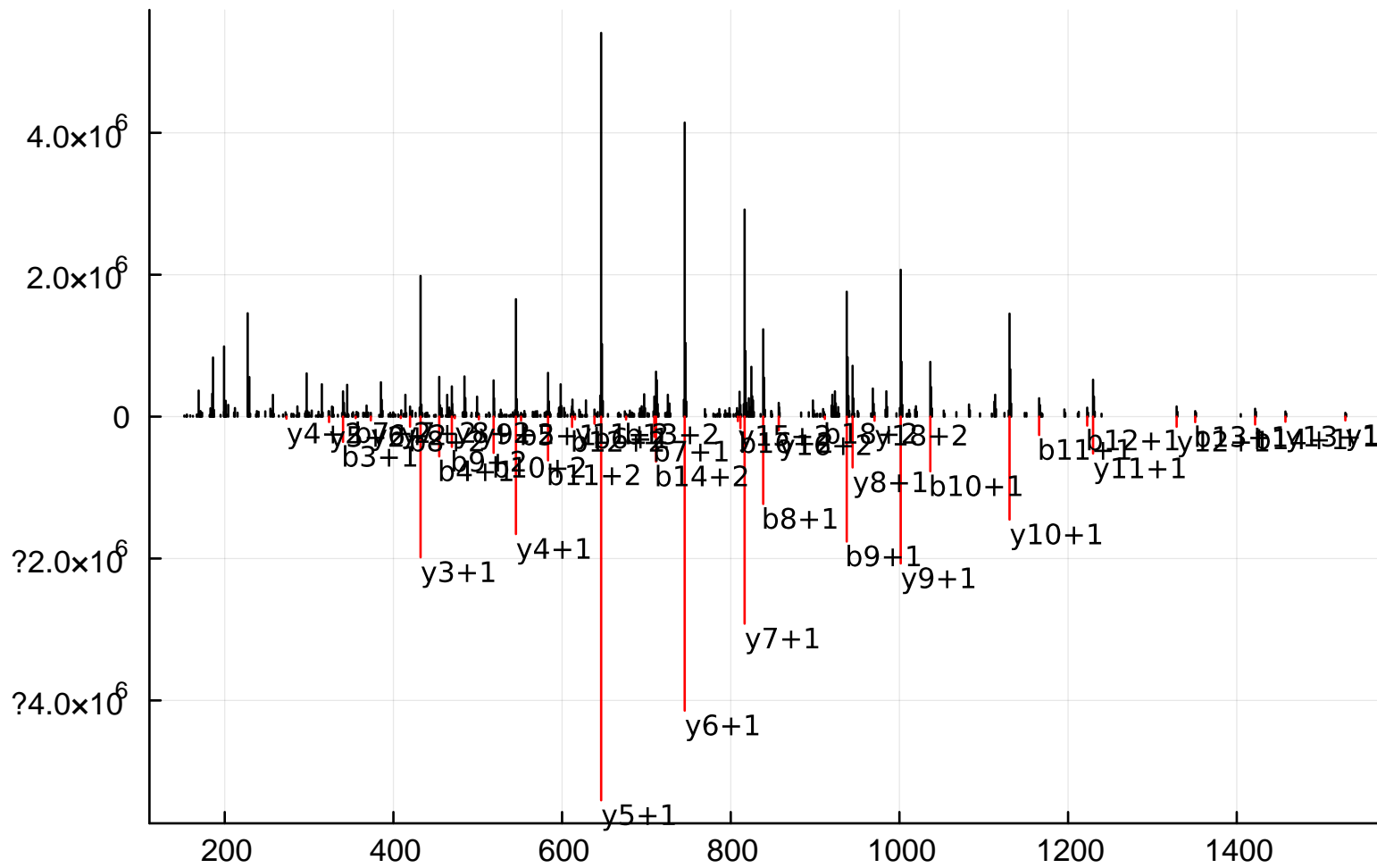SQSTM- LTPTTPESSSTGTEDK[Hlys]

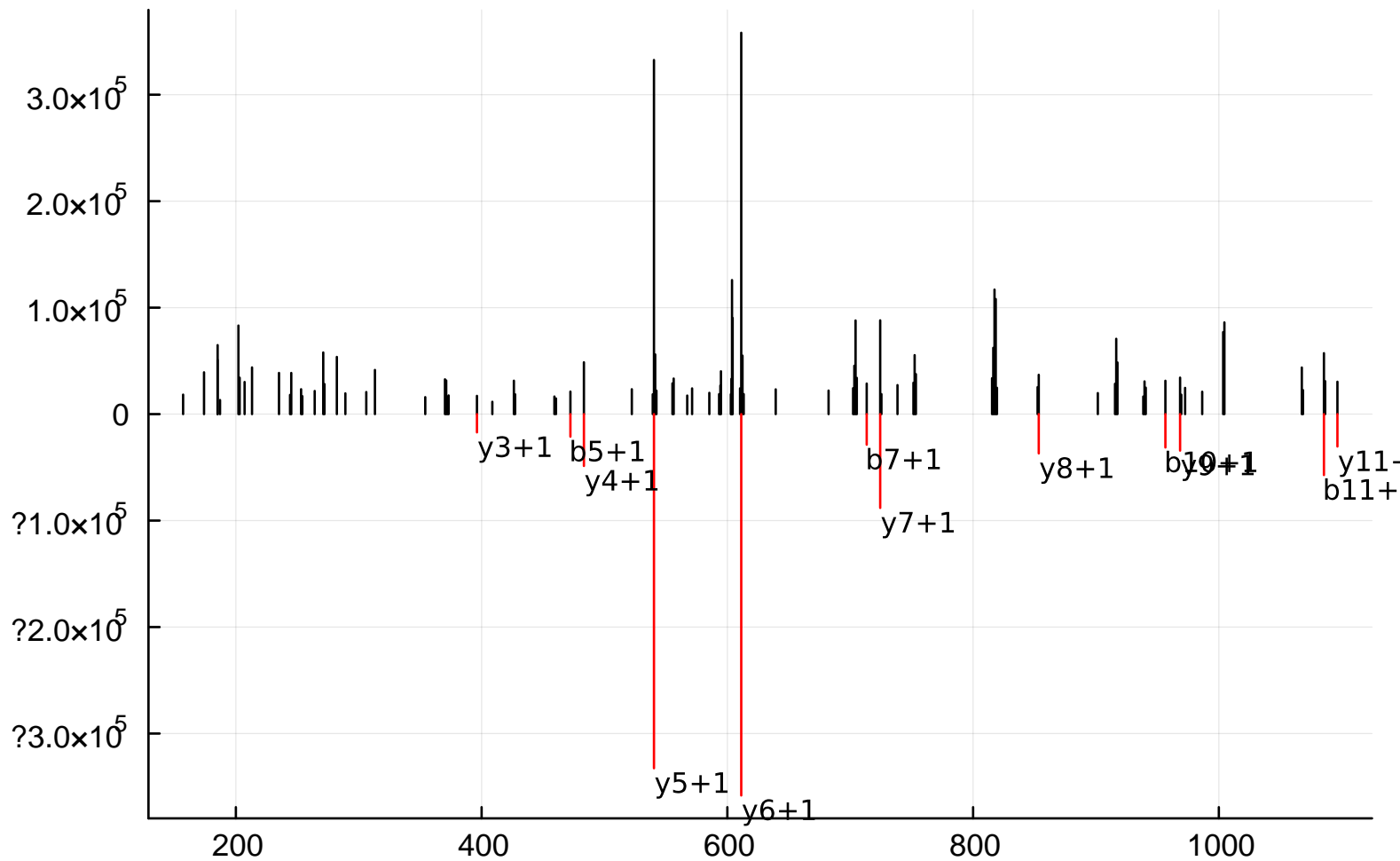# SQSTM1- NYDIGAALDTIQYSK[Hlys]

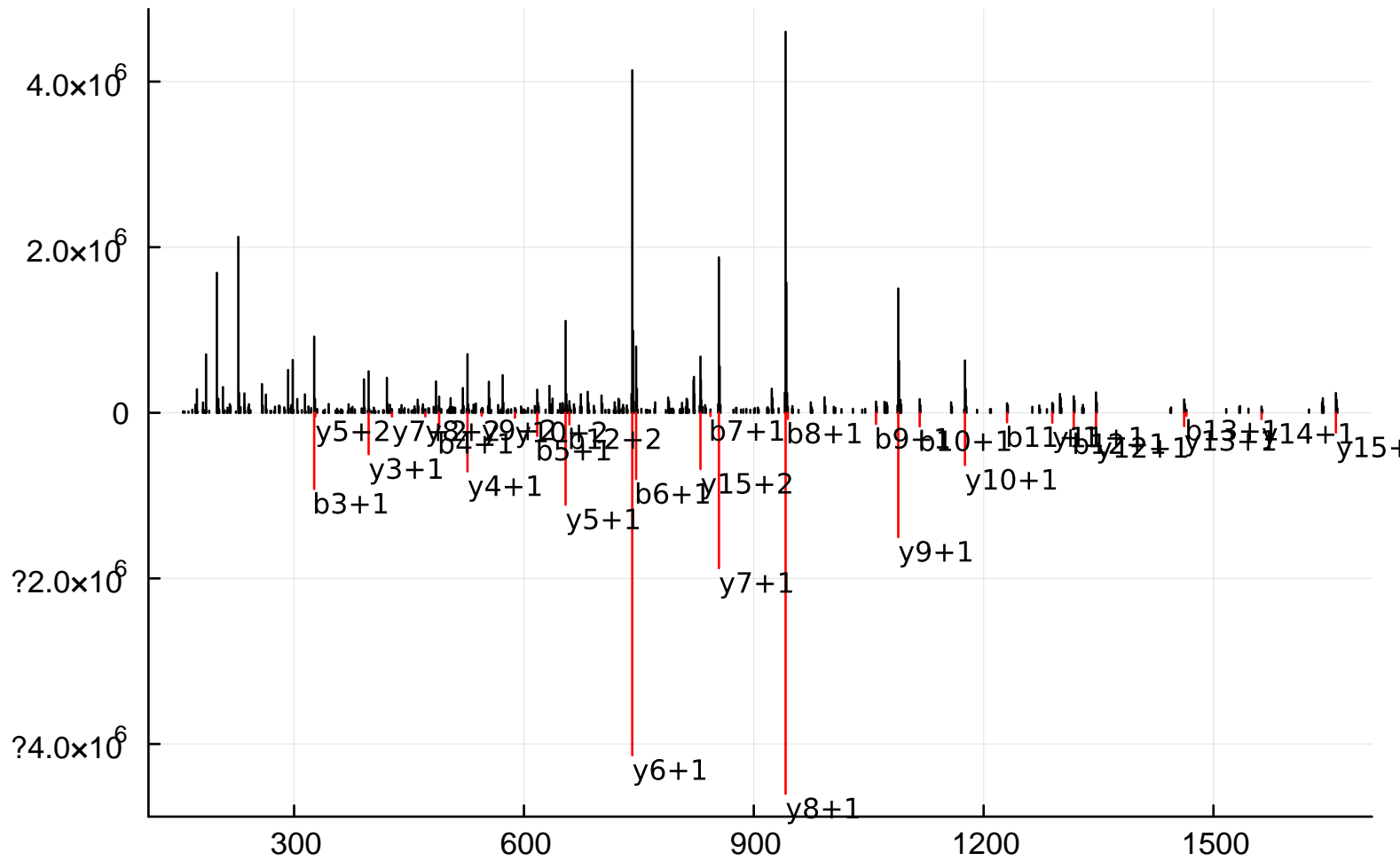SRXN1- GAQGGDYYYSFGGC[Carb]HR[Harg]

SRXN1- YAAYQQLQR[Harg]
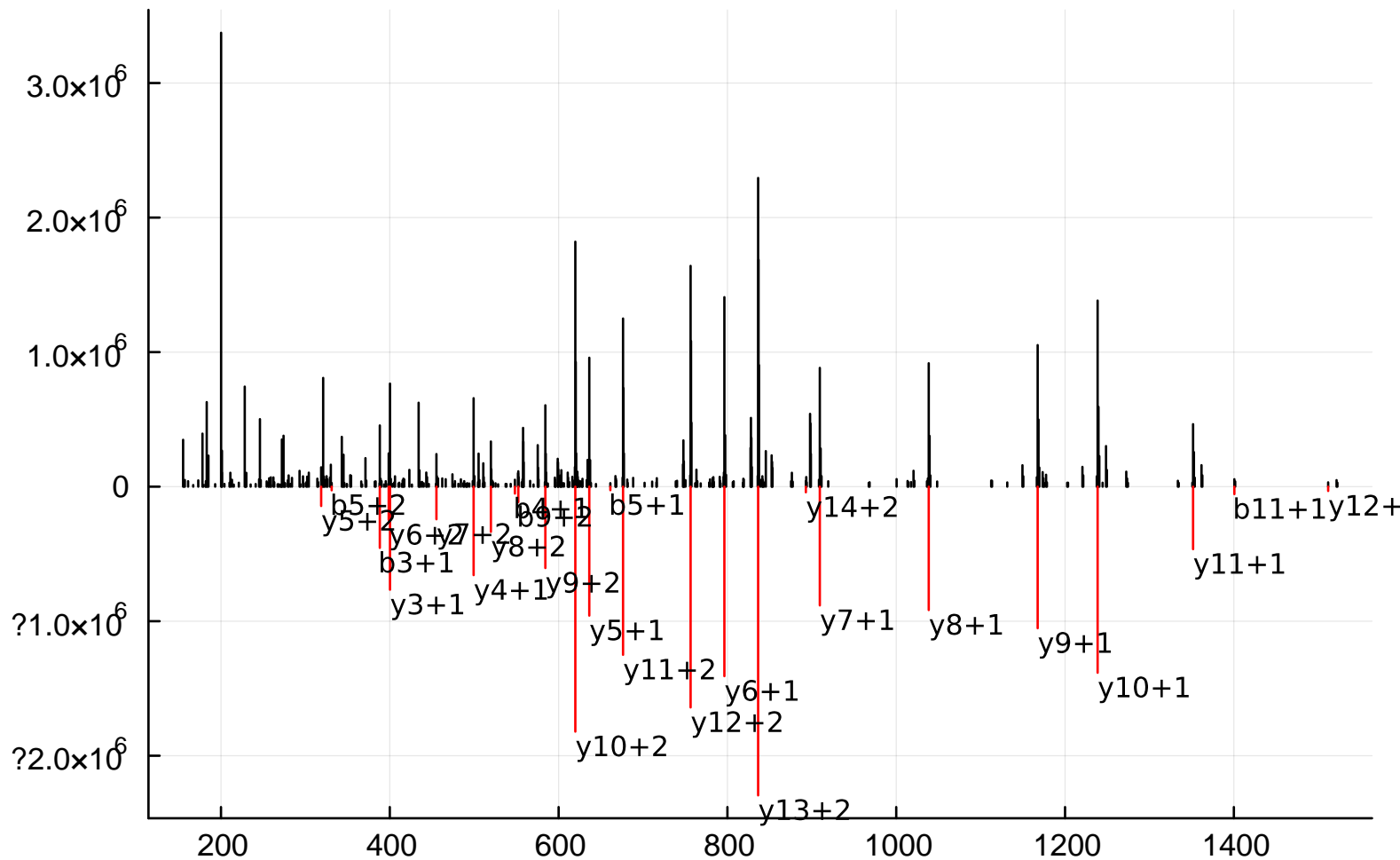
Siglec1- LLINPSAEVVEGQAVTLSC[Carb]R[Harg]
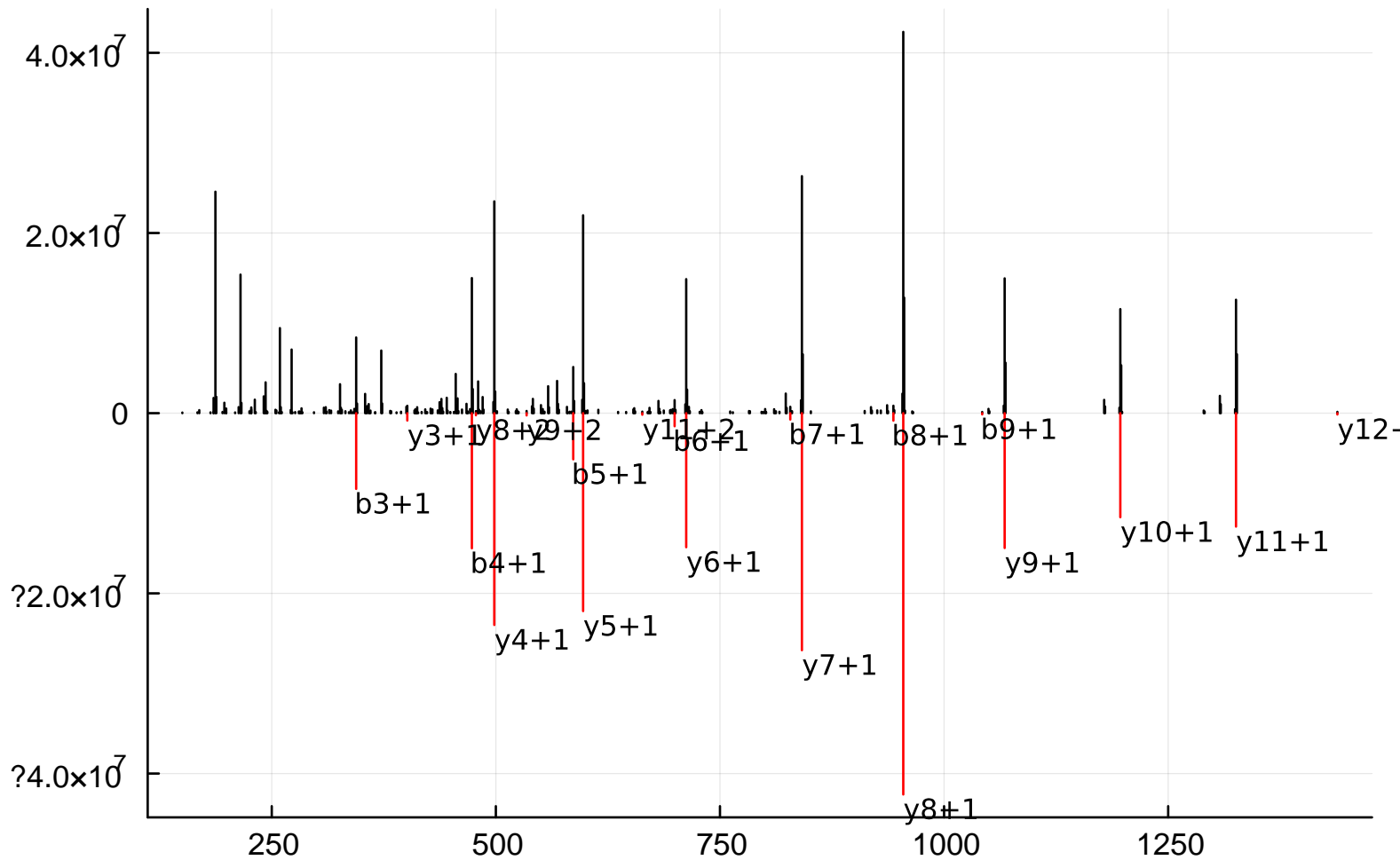
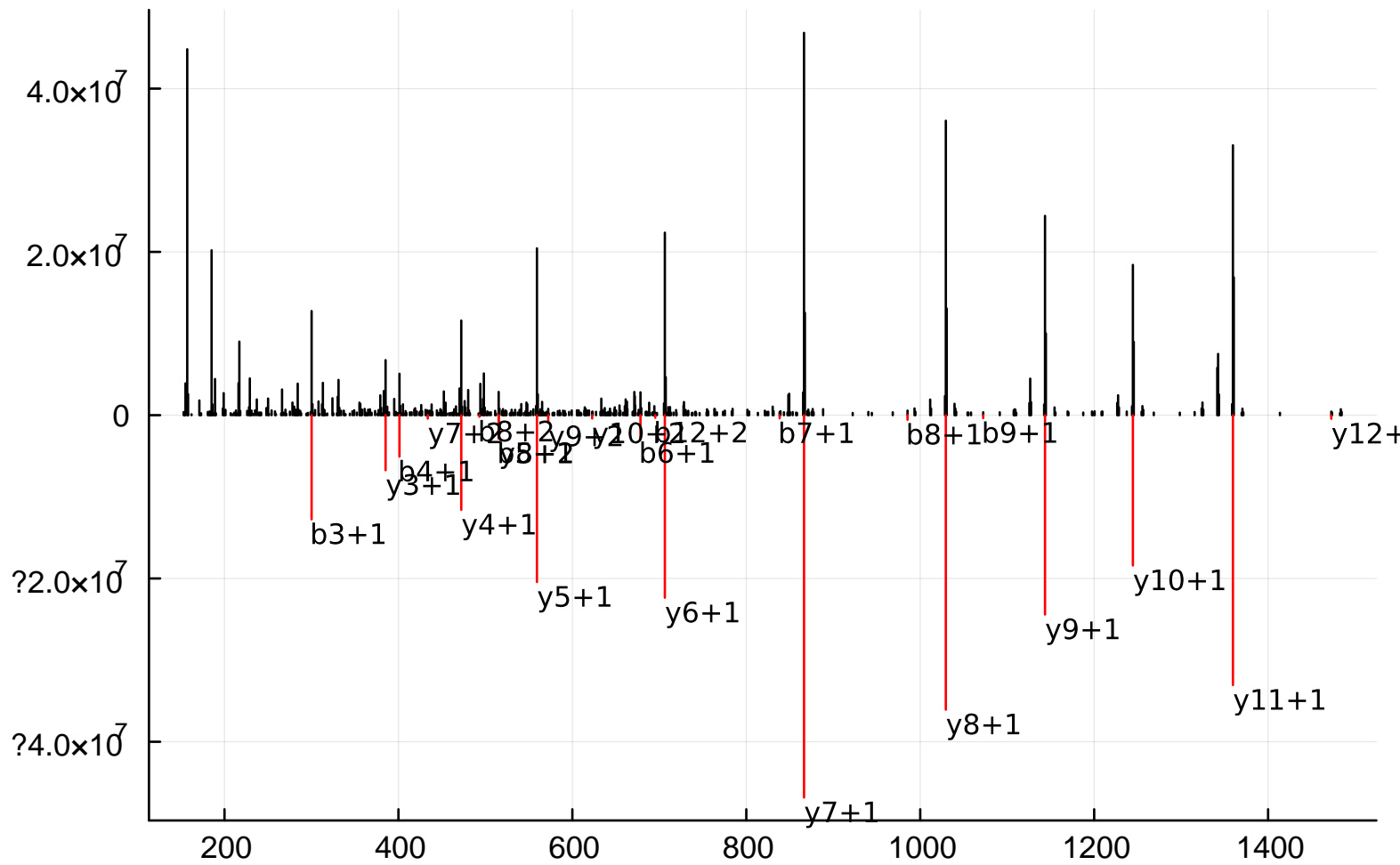Siglec1- LVASTLQGADELAGSNPR[Harg]

Sting- LIVYQEPTDGNSFSLSQEVLR[Harg]
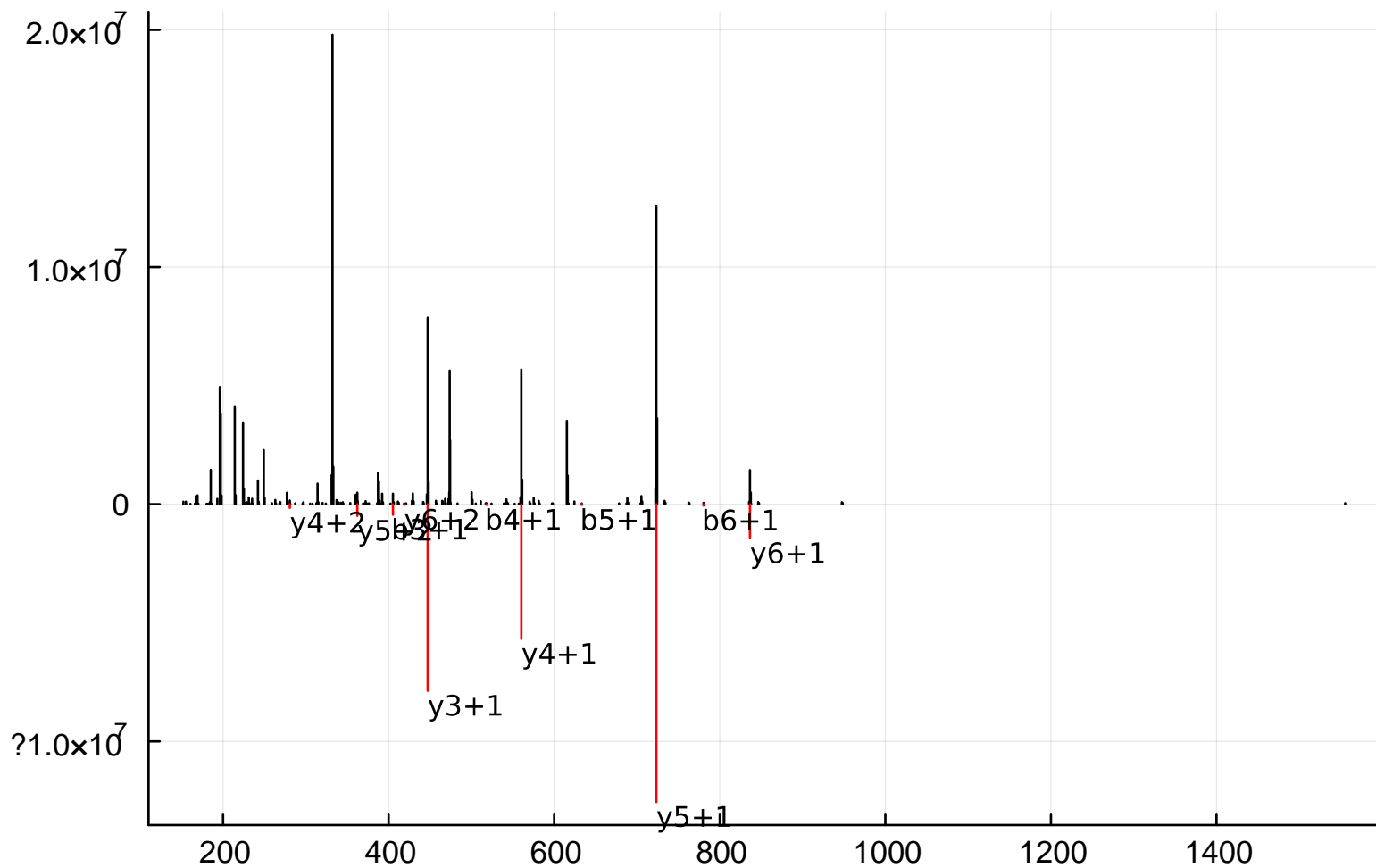
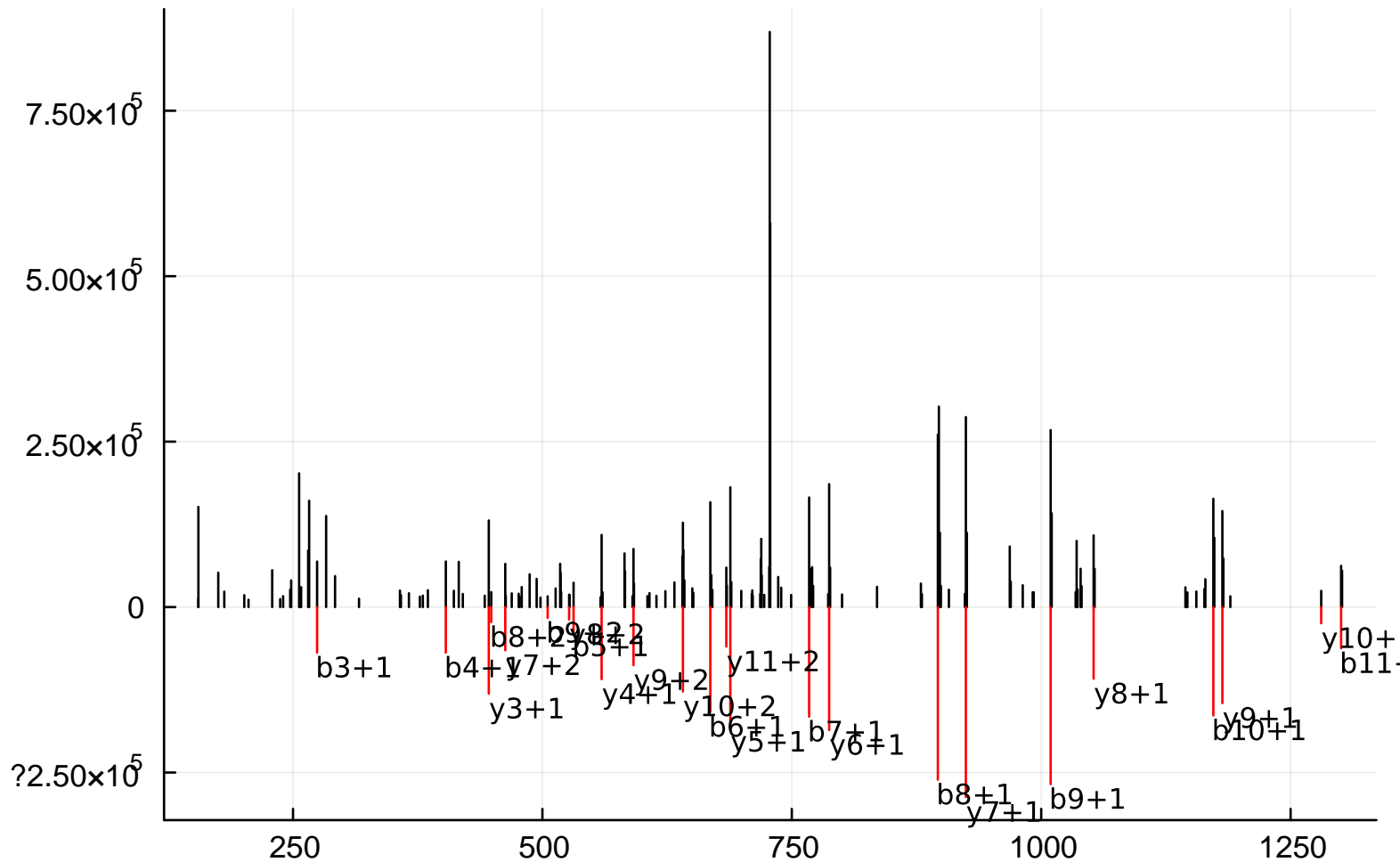Sting- NLC[Carb]C[Carb]LAEELC[Carb]HVQSR[Harg]

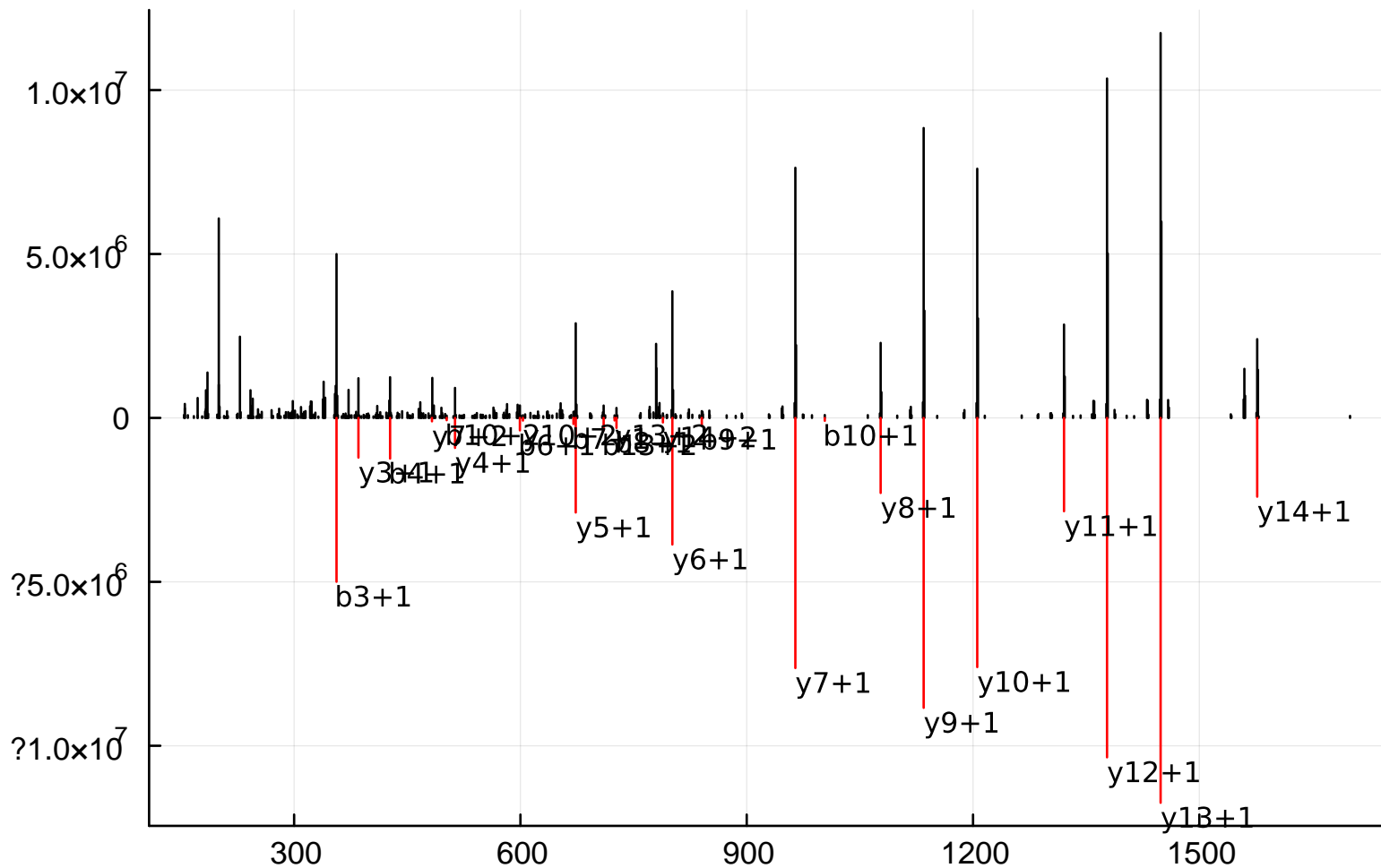Sting- TLEEILEDVPESR[Harg]

TGFB1- ALDTNYC[Carb]FSSTEK[Hlys]
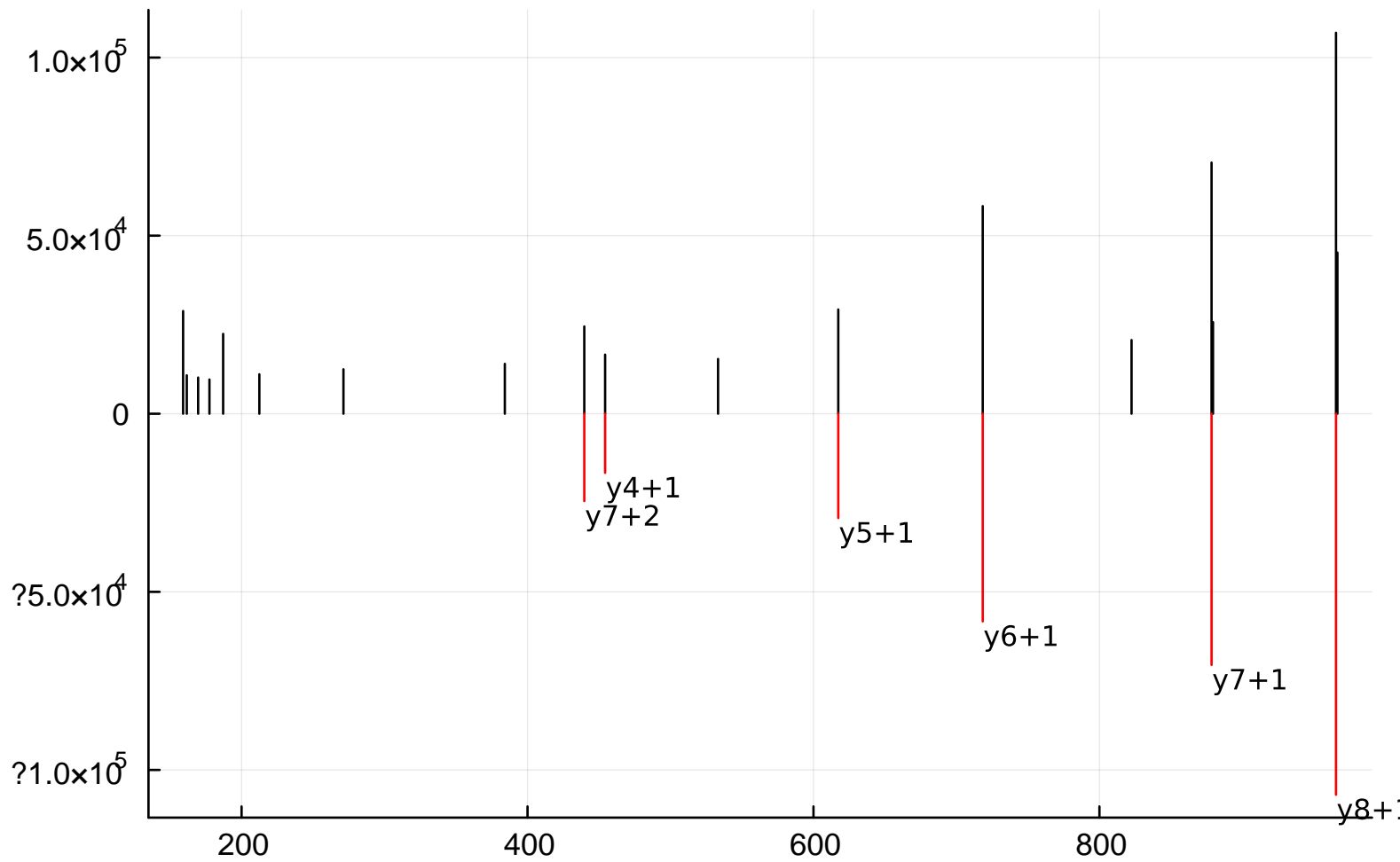
TGFB1- QLYIDFR[Harg]
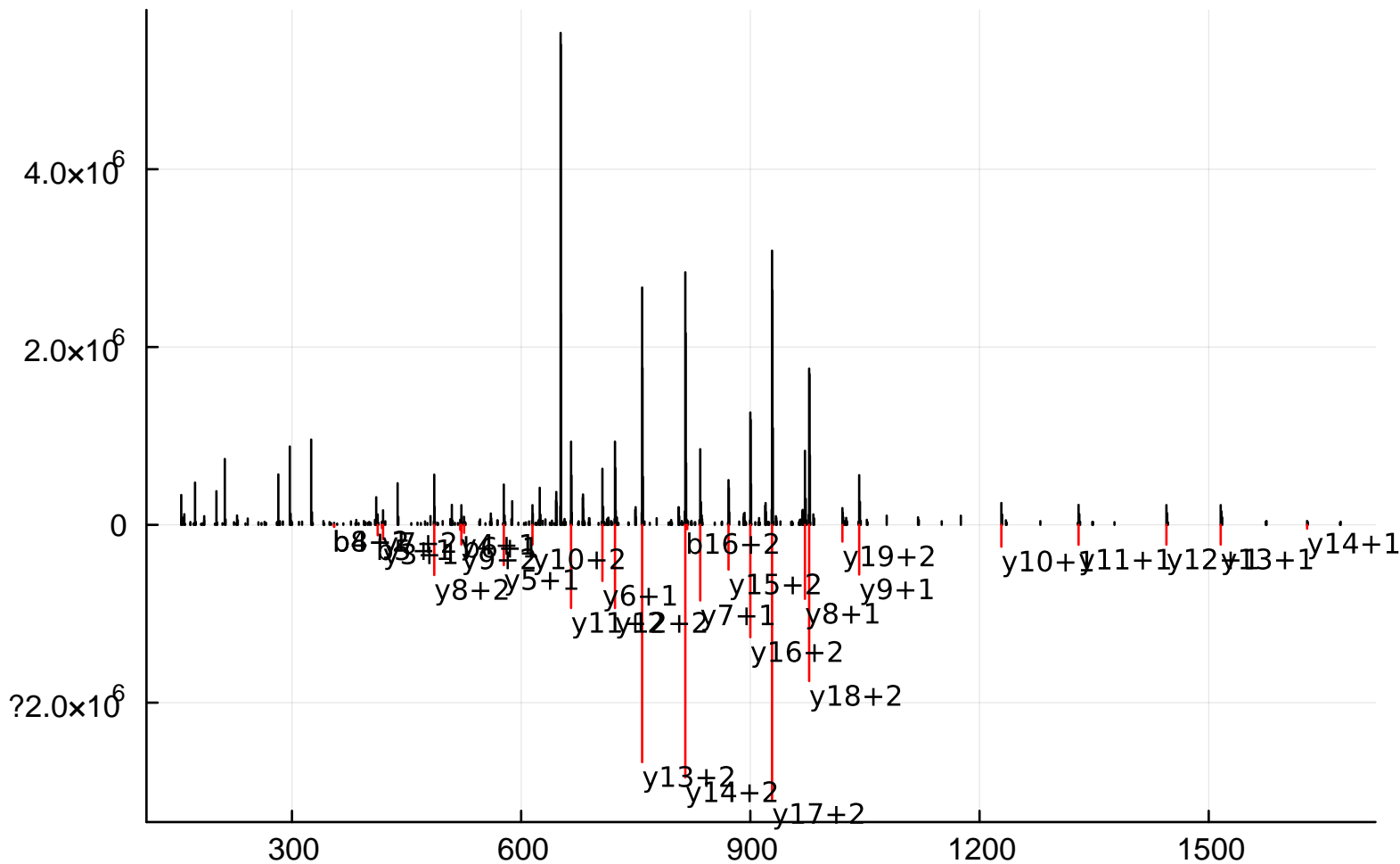
TGFB1- SSVEQHVELYQK[Hlys]

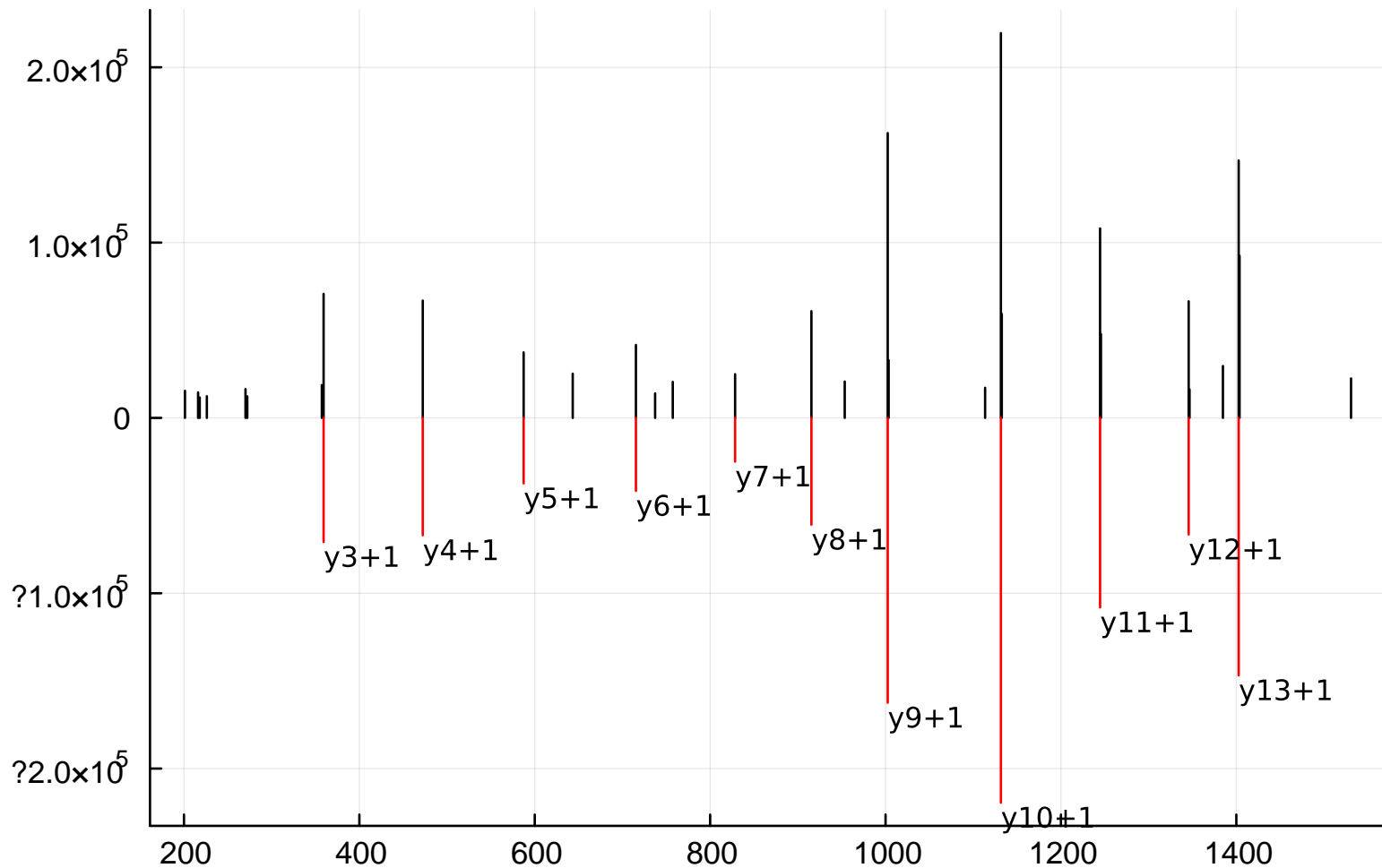TREM2- NLQAGDAGLYQC[Carb]QSLR[Harg]
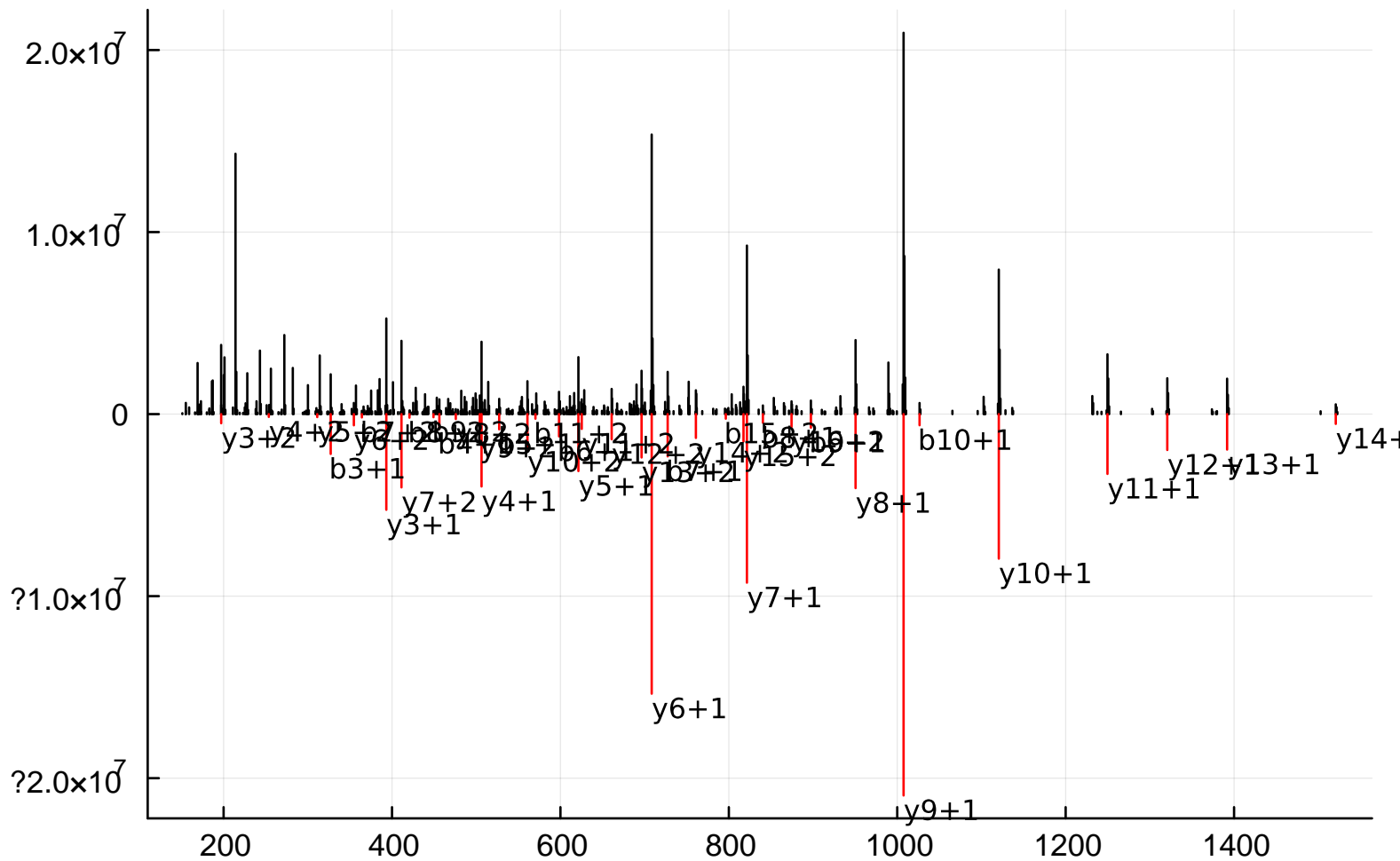
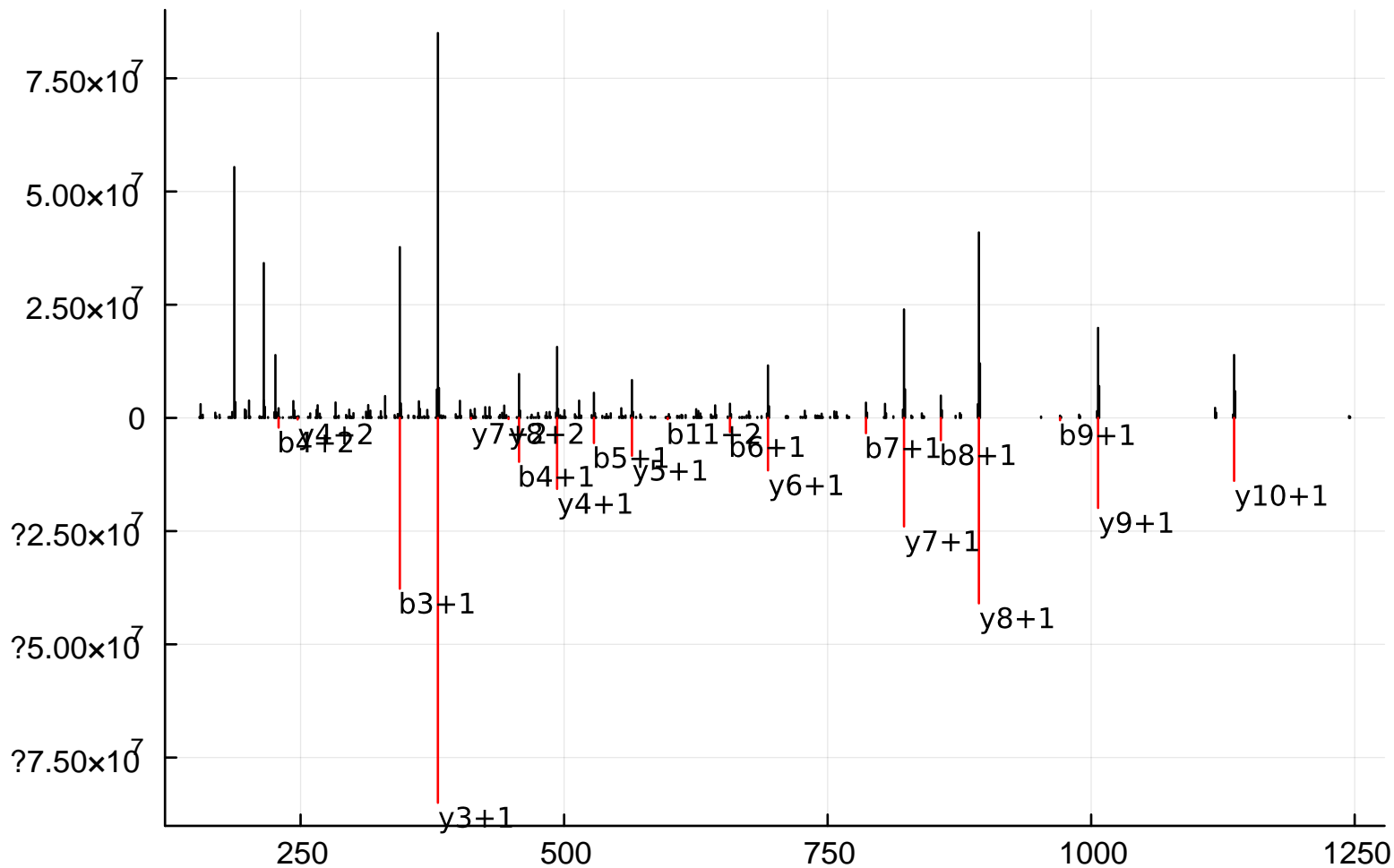TREM2- VSC[Carb]TYDALK[Hlys]

Tbk1- LSPGGLLADTWAHQEGTHPR[Harg]
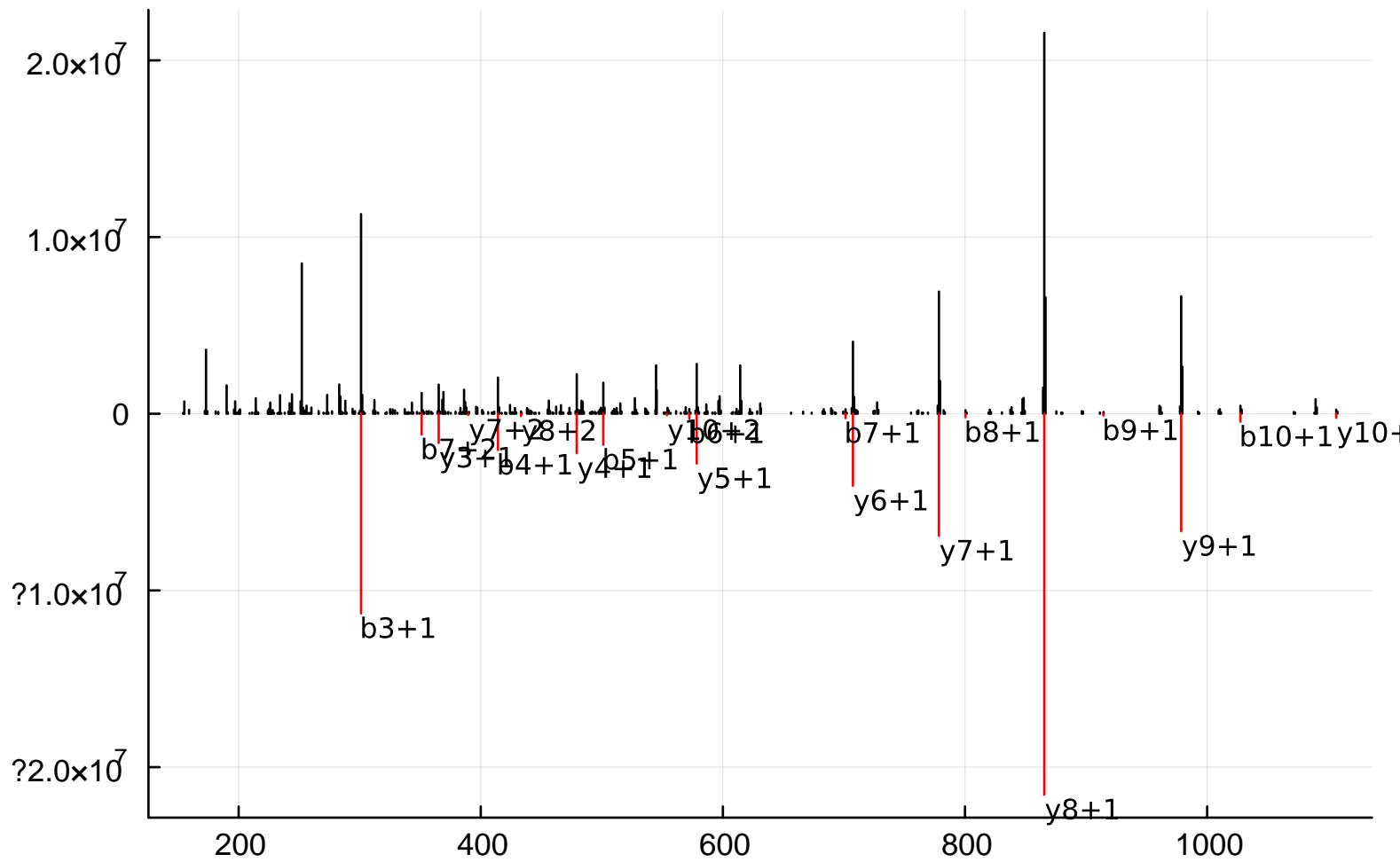
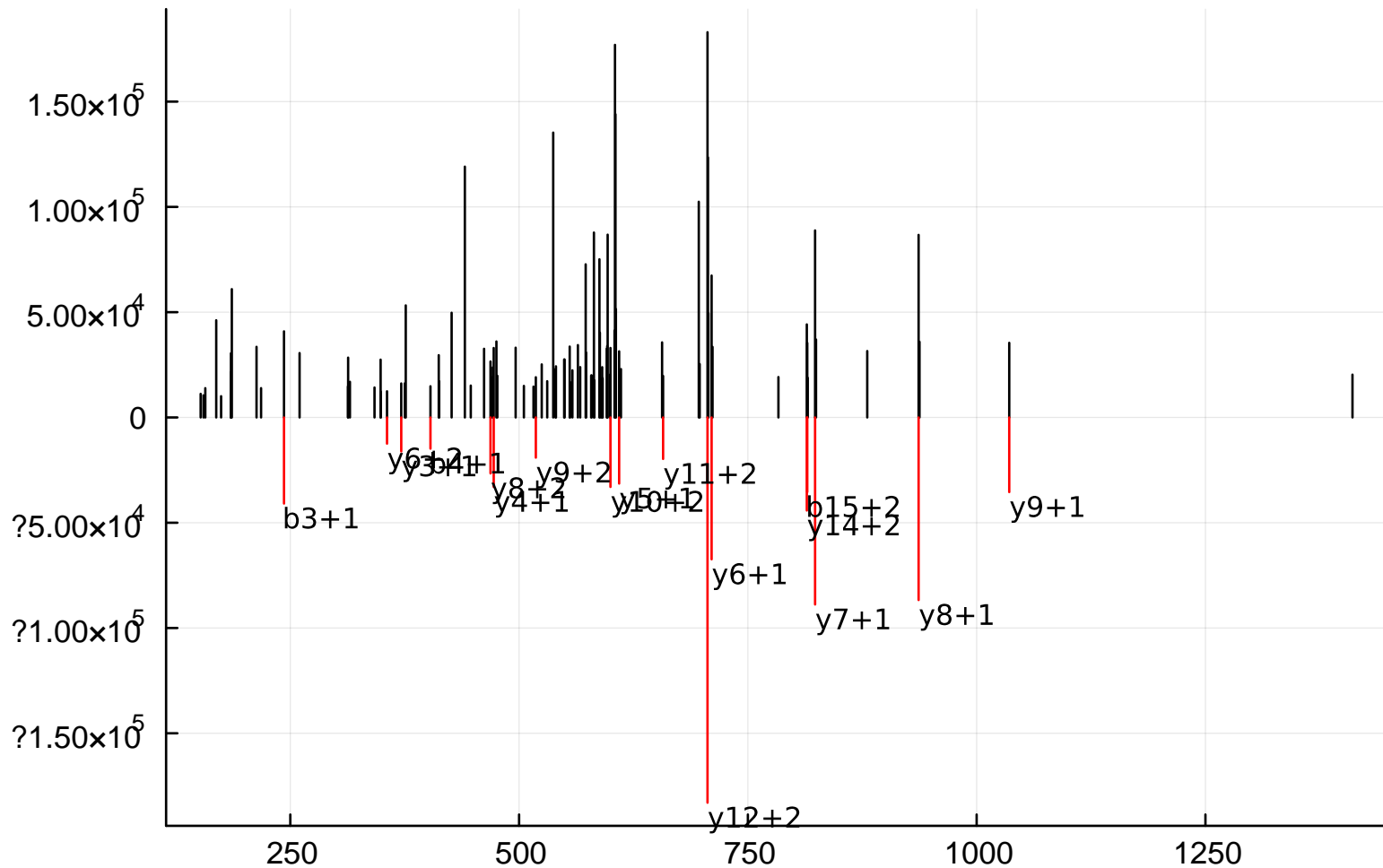Tbk1- LSSSQGTIESSLQDISSR[Harg]

Tbk1- VNLEAAELGEISDIHTK[Hlys]
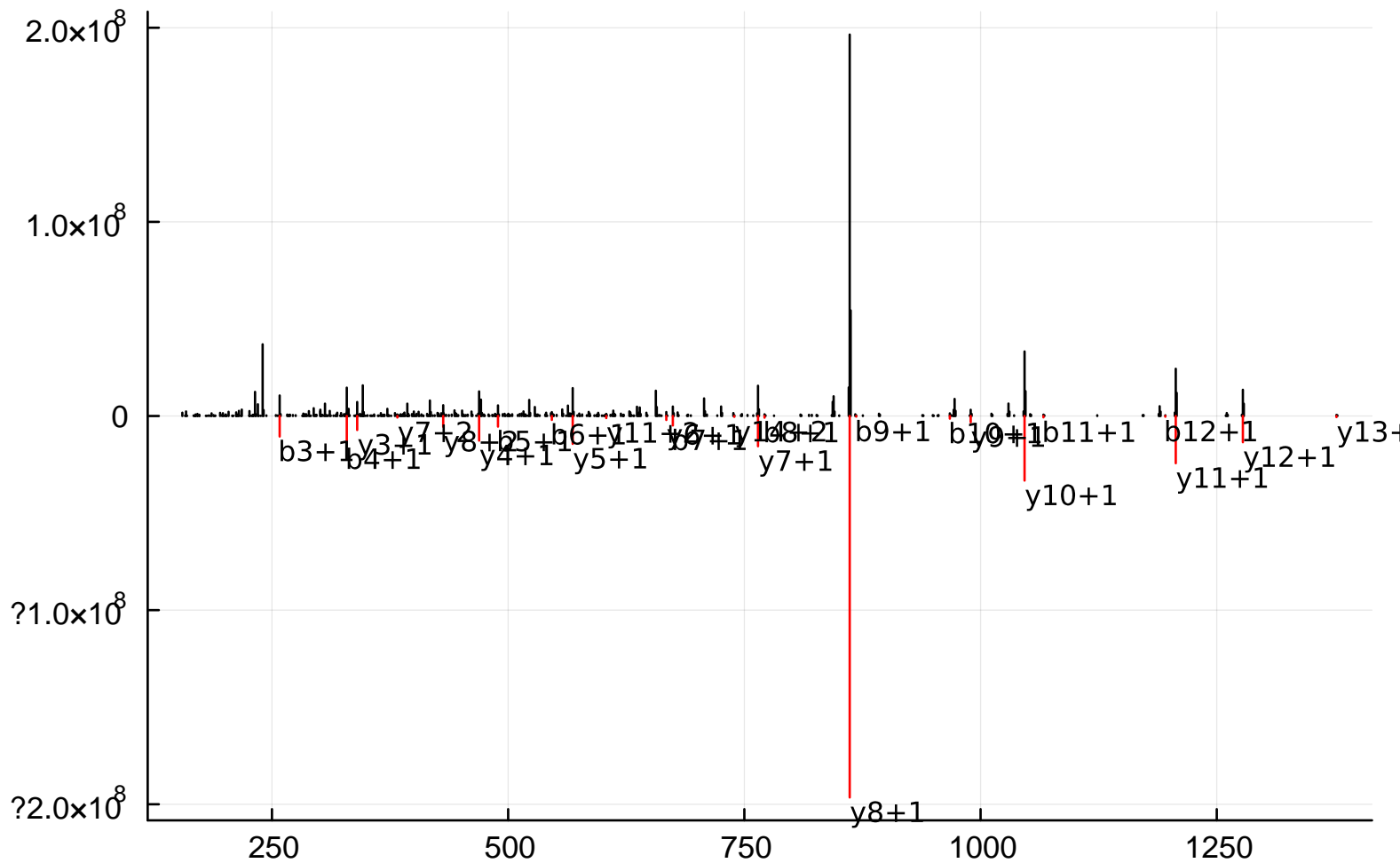
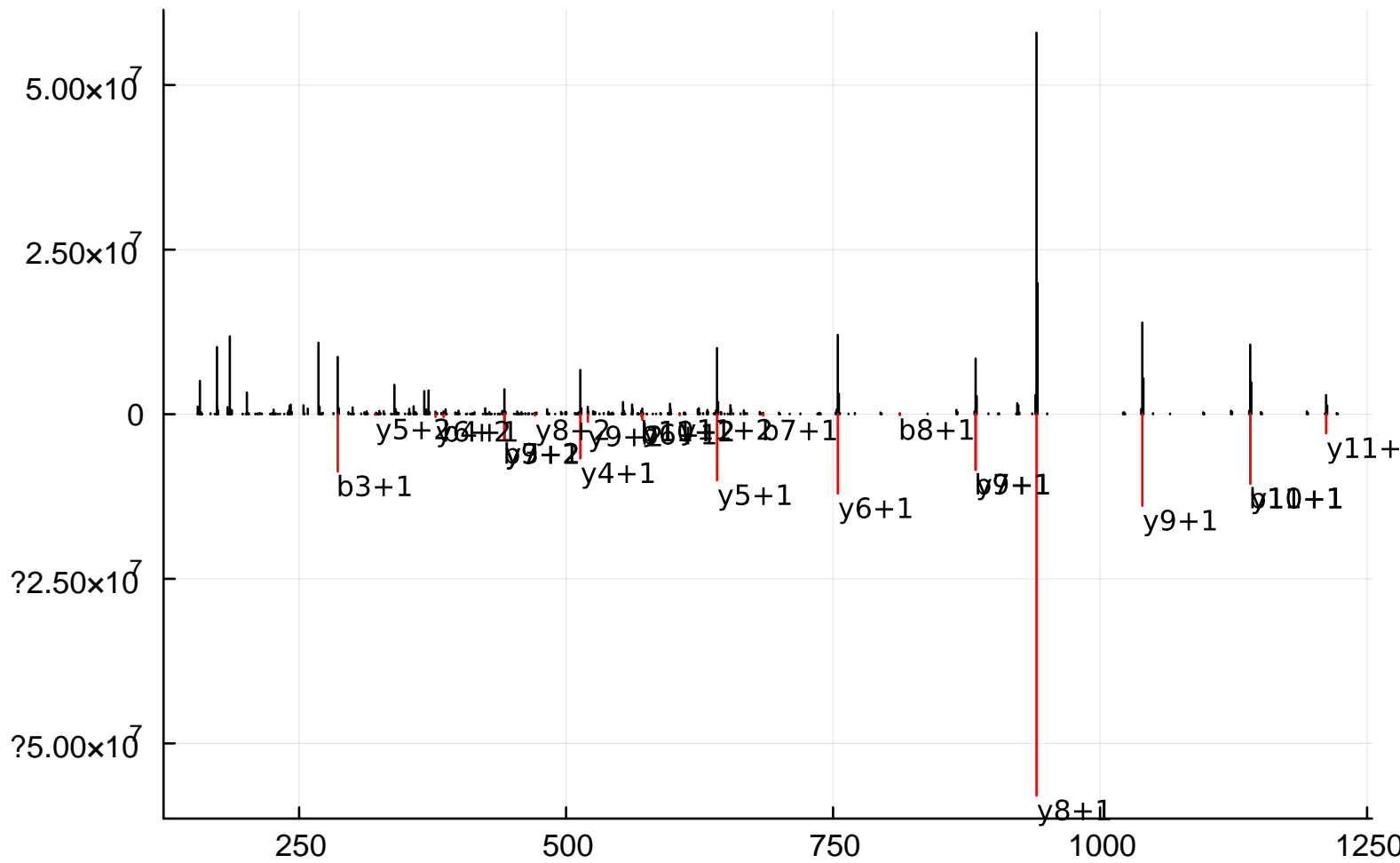Tnf- DVELAEEALPQK[Hlys]

Tnf- GDQLSAEVNLPK[Hlys]
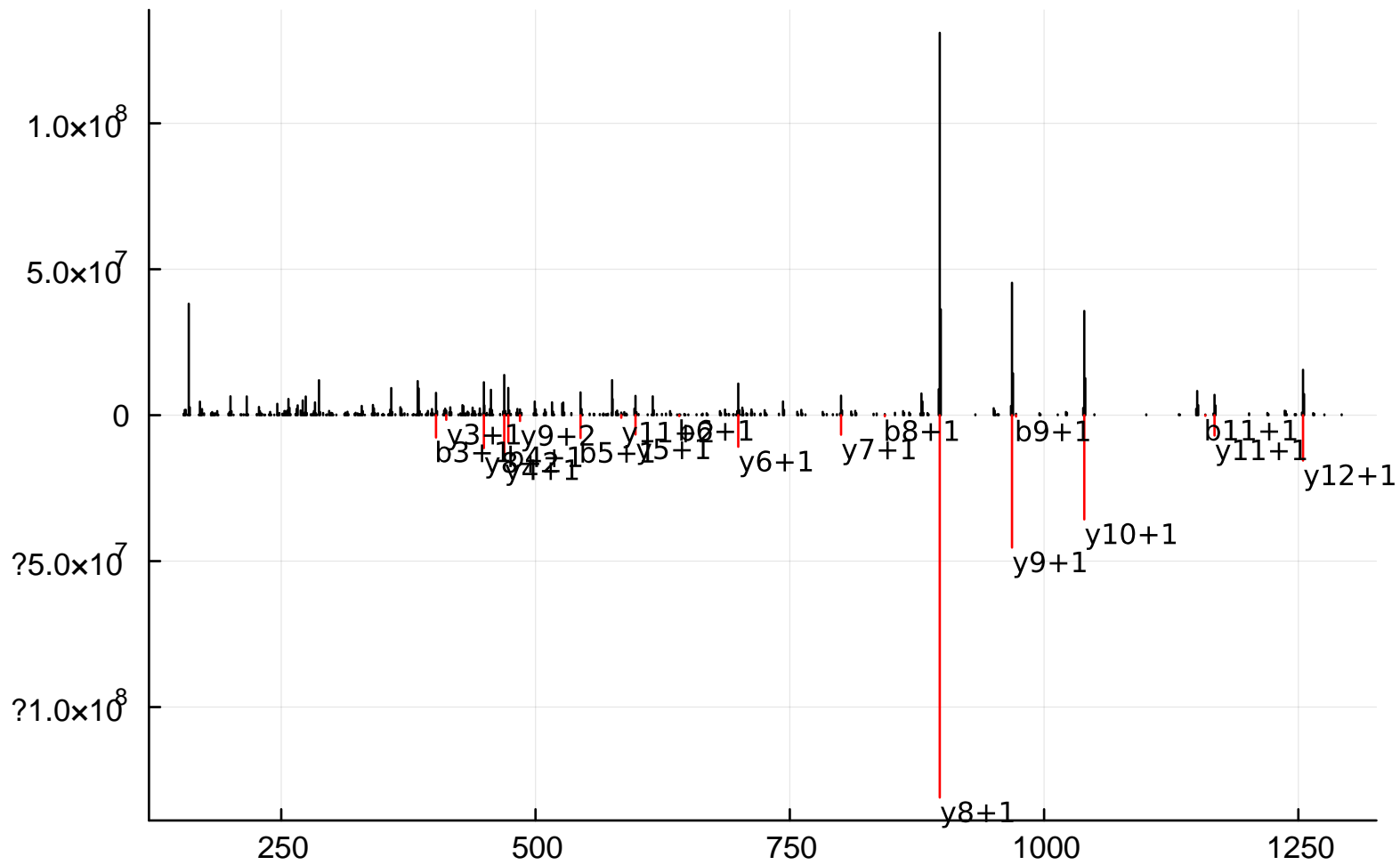
Tnf- GQGC[Carb]PDYVLLTHTVSR[Harg]
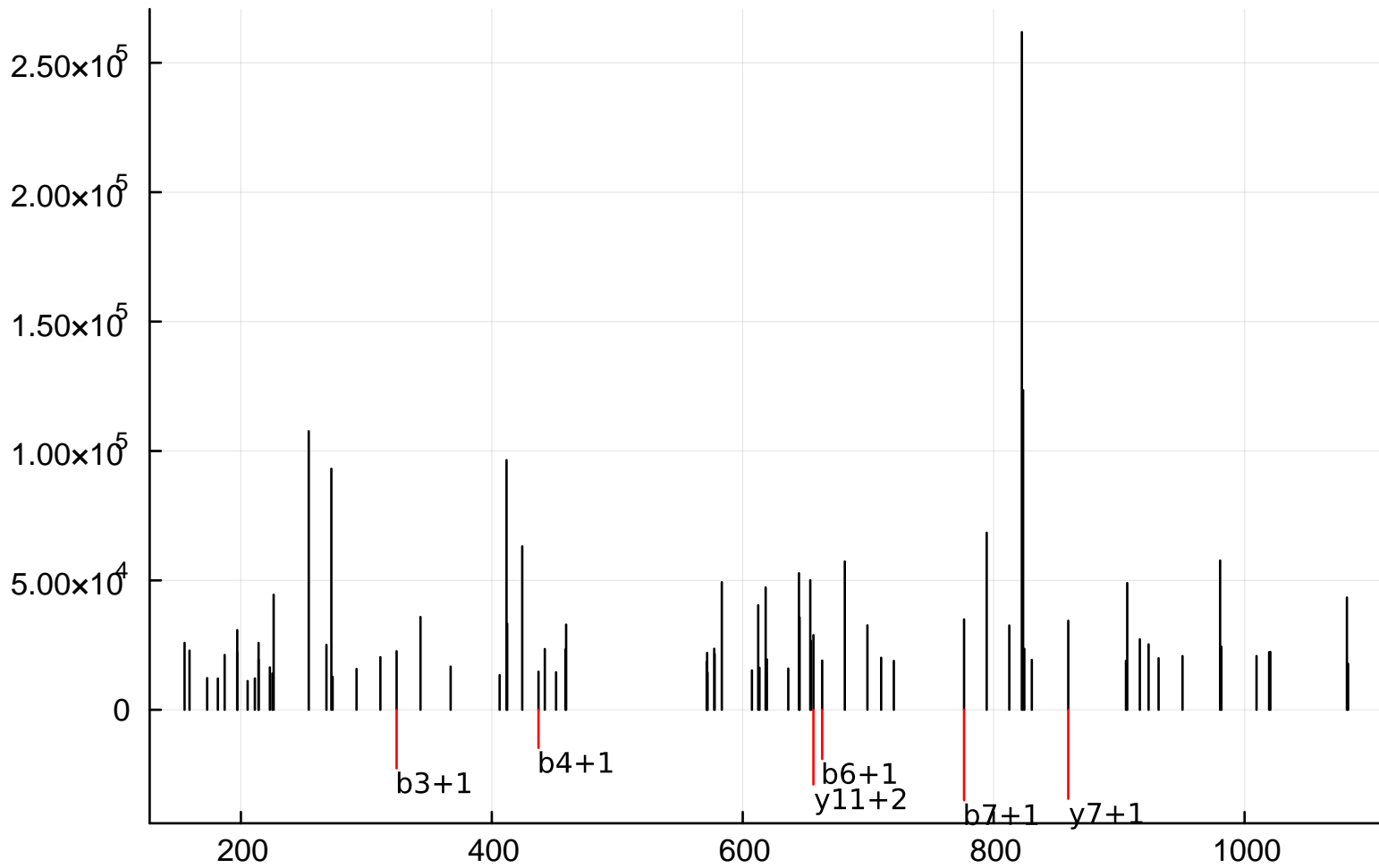
Vcan- GTVAC[Carb]GQPPVVENAK[Hlys]

Vcan- LATVGELQAAWR[Harg]

Vegfa- WSQAAPTTEGEQK[Hlys]

XCT- EGHLPEILSMIHVHK[Hlys]

XCT- GGYLQGNMSGR[Harg]