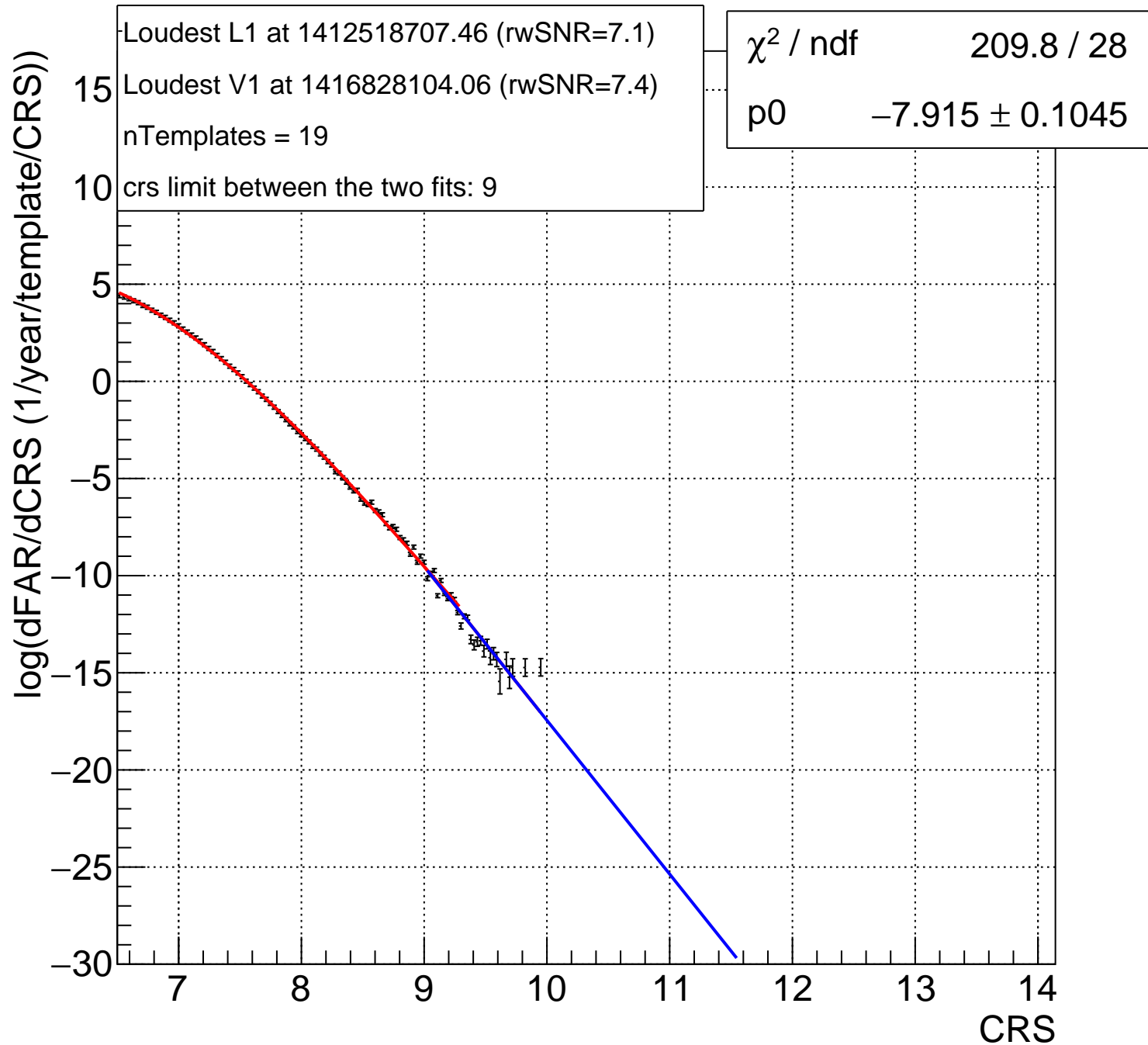
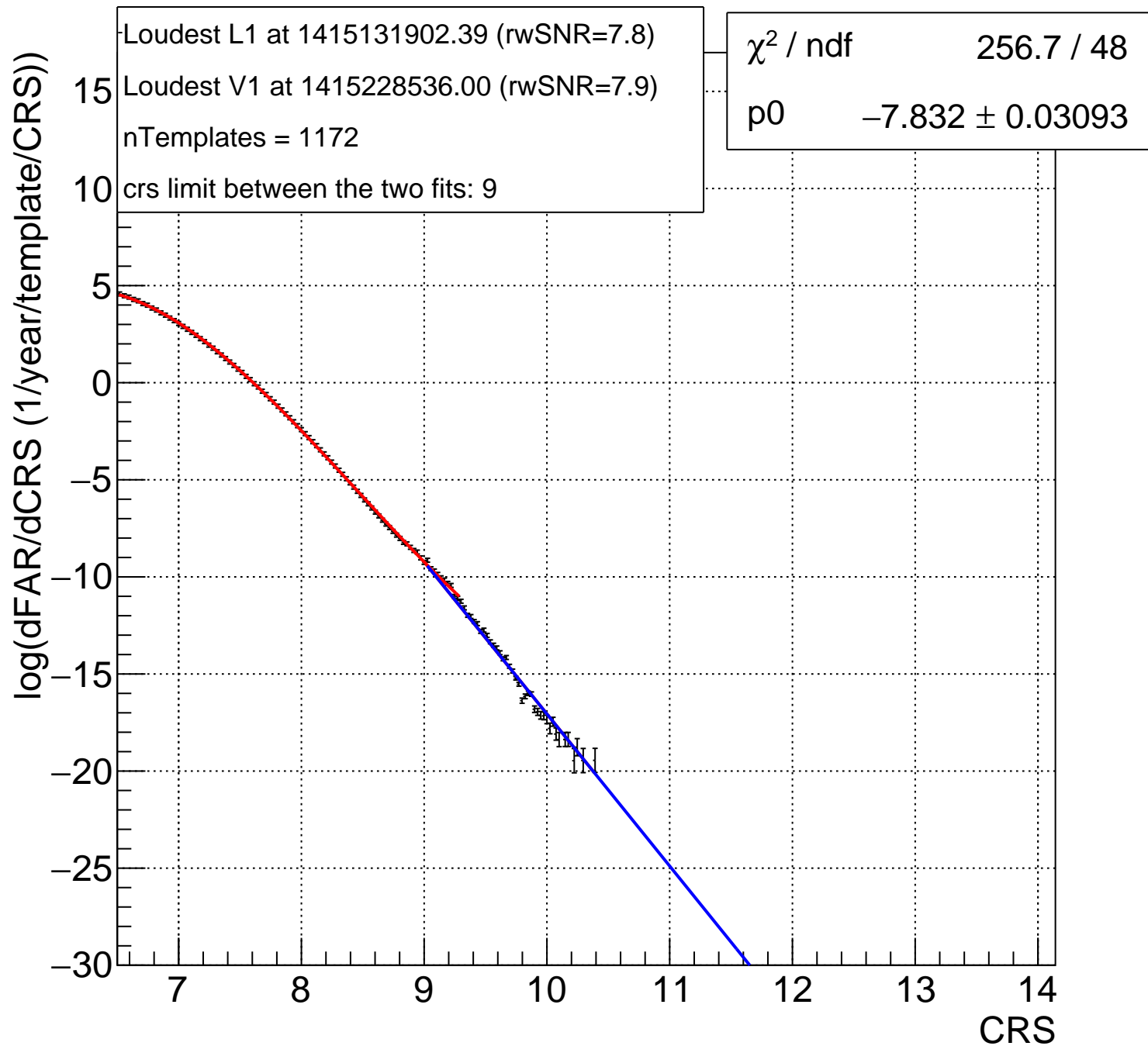


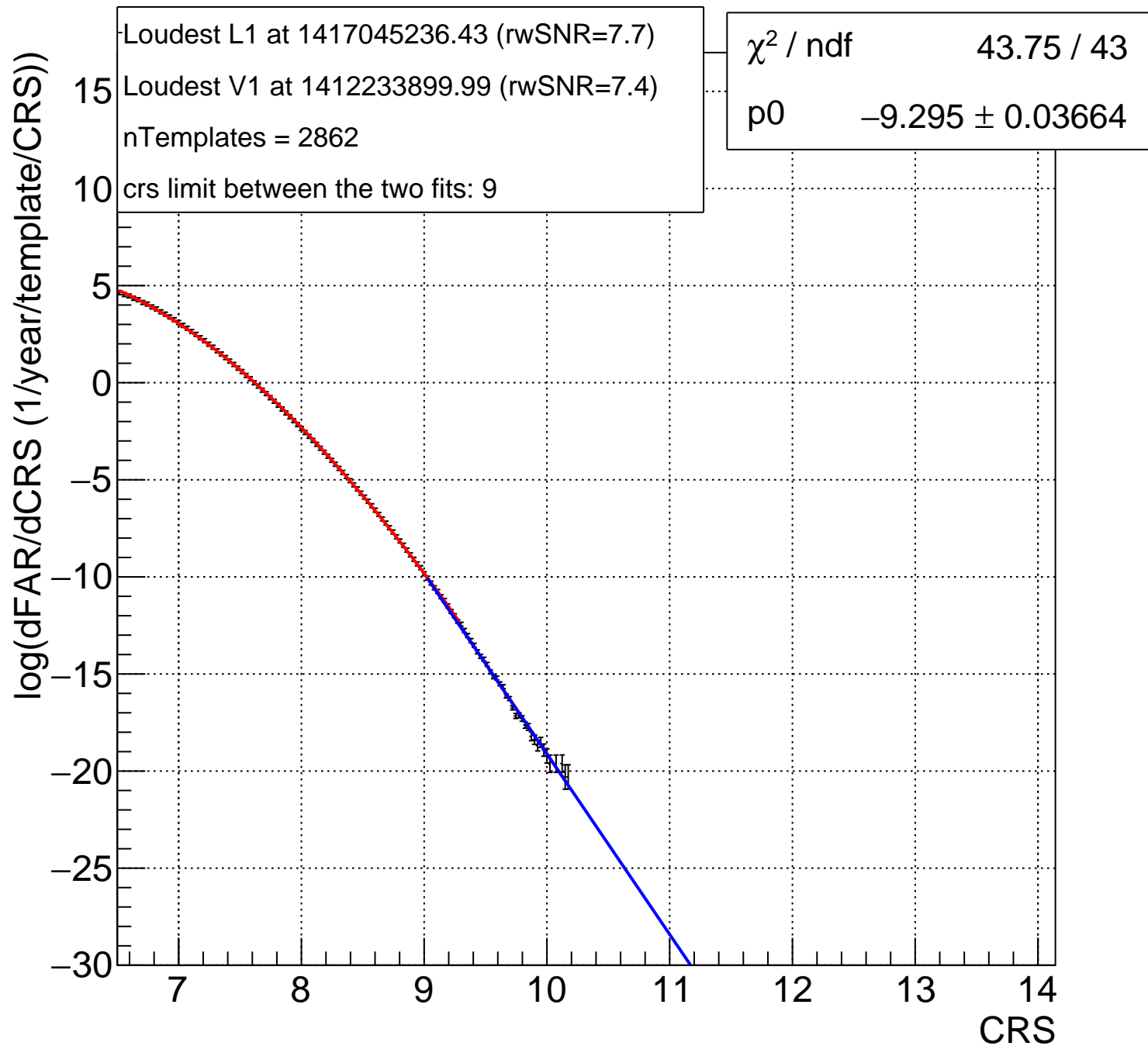
Bin:10 1.408<mChirp<1.478 and 0<m2/m1<0.3333, no 1 band



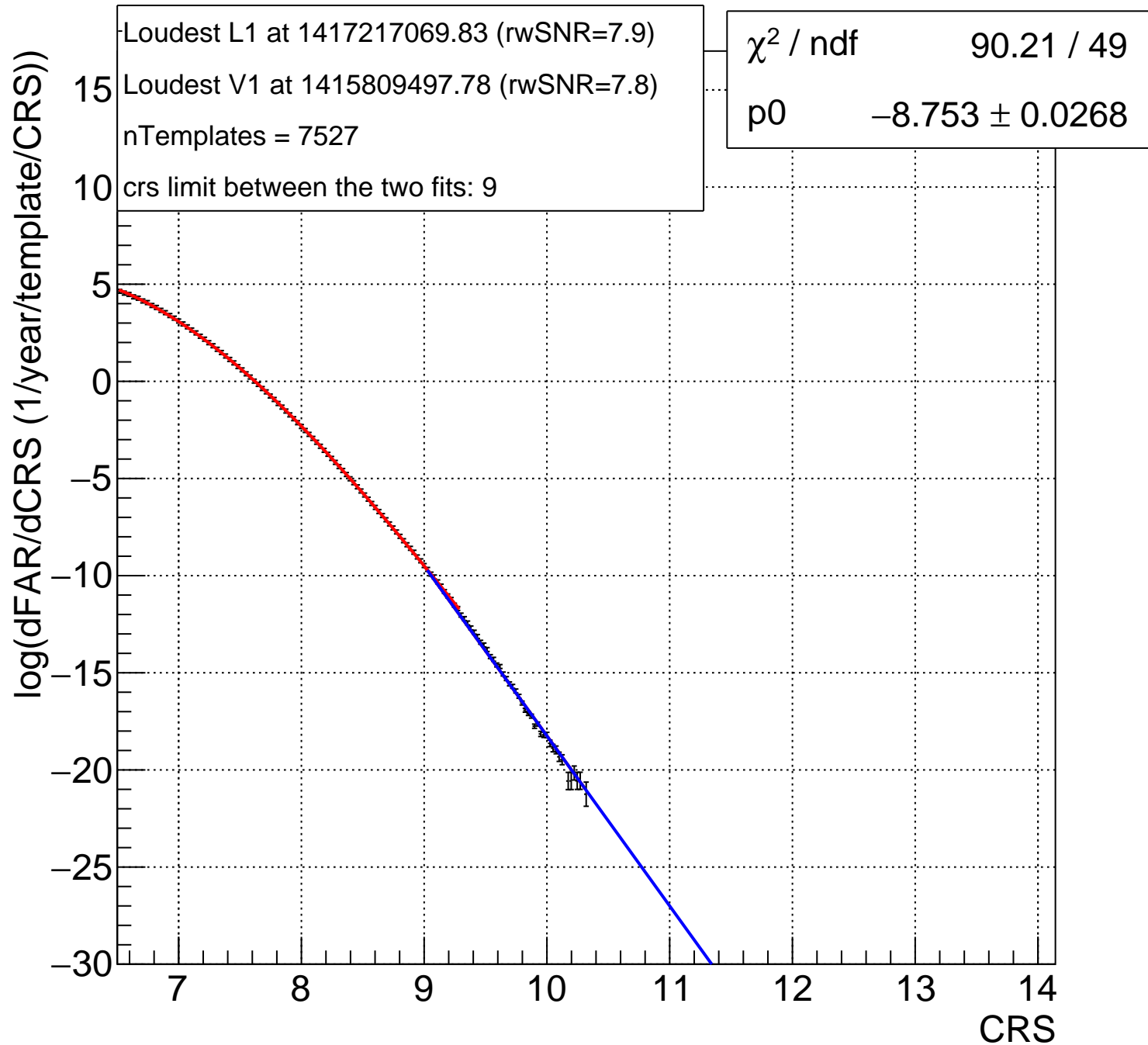
Bin:11 1.478<mChirp<1.551 and 0<m2/m1<0.3333, no 1 band



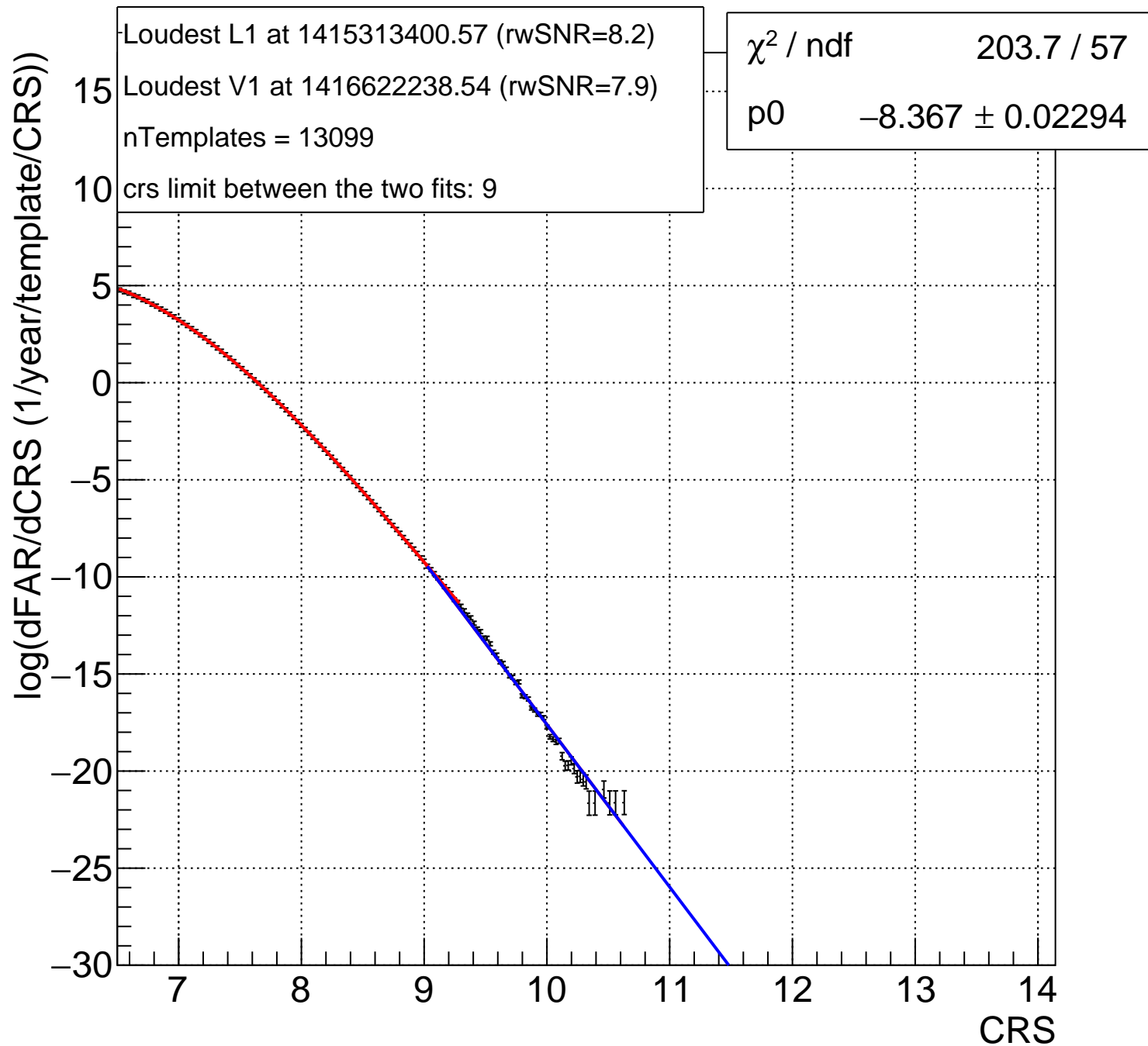
Bin: 12  $1.551 < m_{\text{Chirp}} < 1.629$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



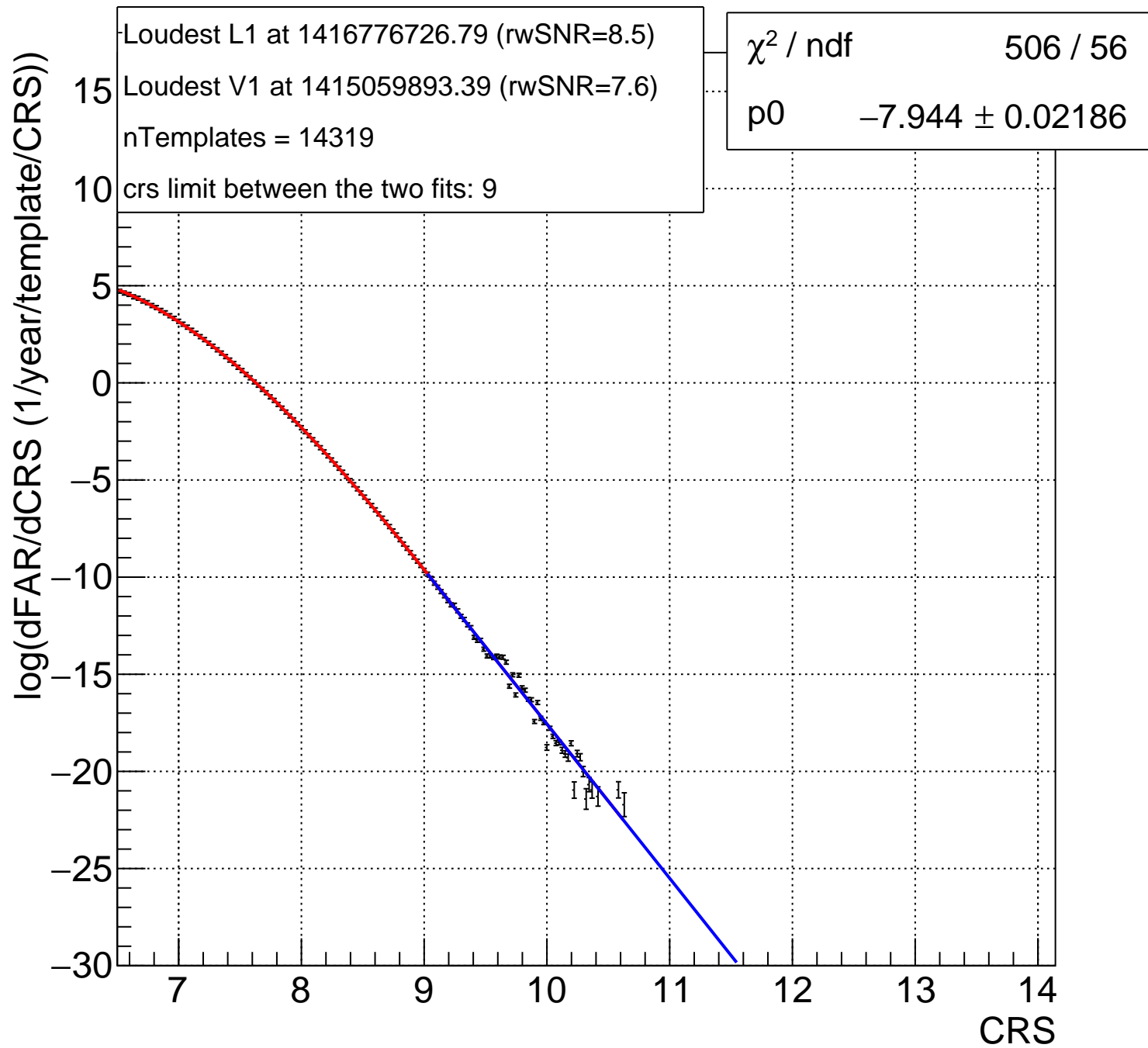
Bin:13 1.629<mChirp<1.71 and 0<m2/m1<0.3333, no 1 band



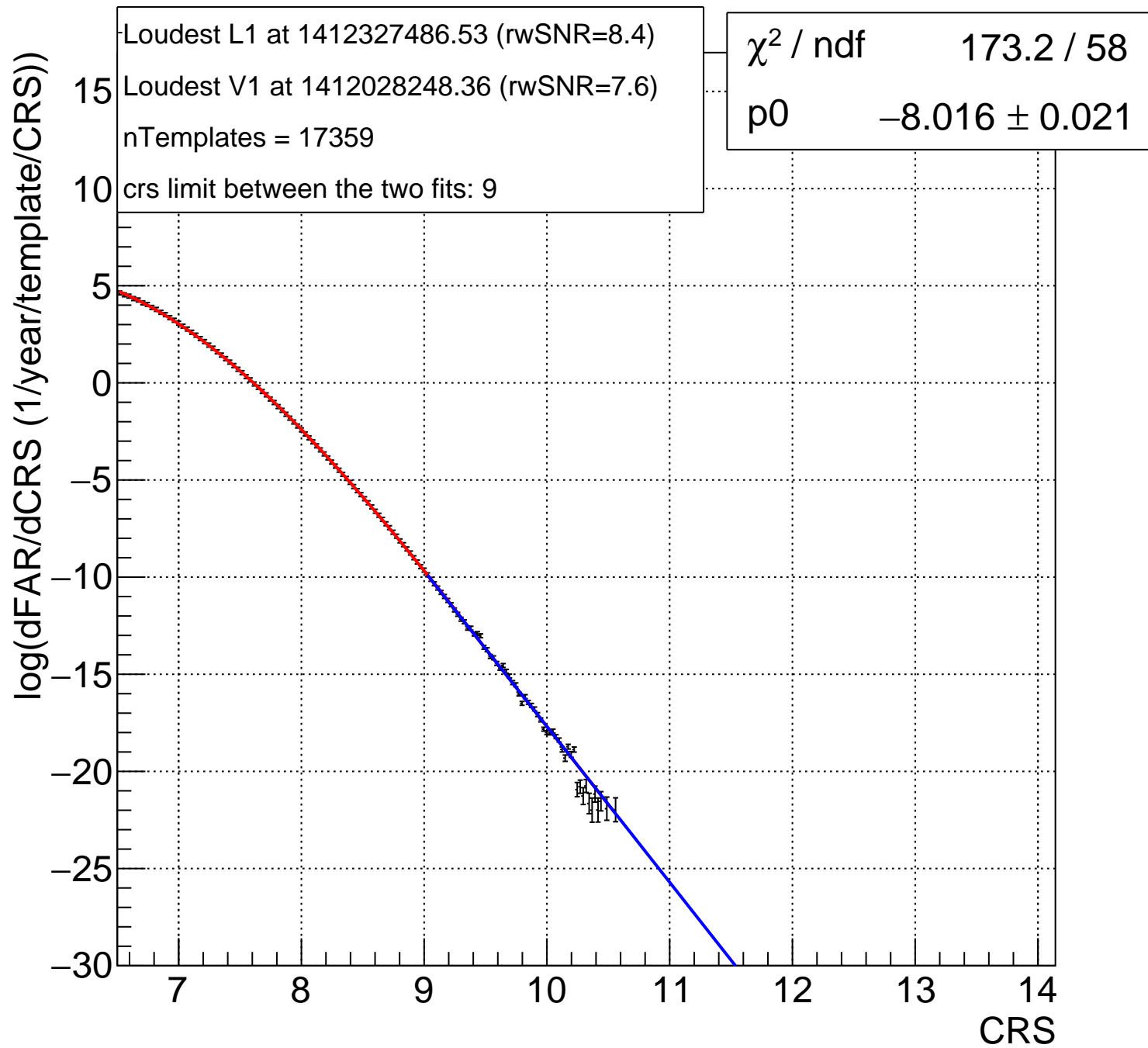
Bin:14  $1.71 < m_{\text{Chirp}} < 1.795$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



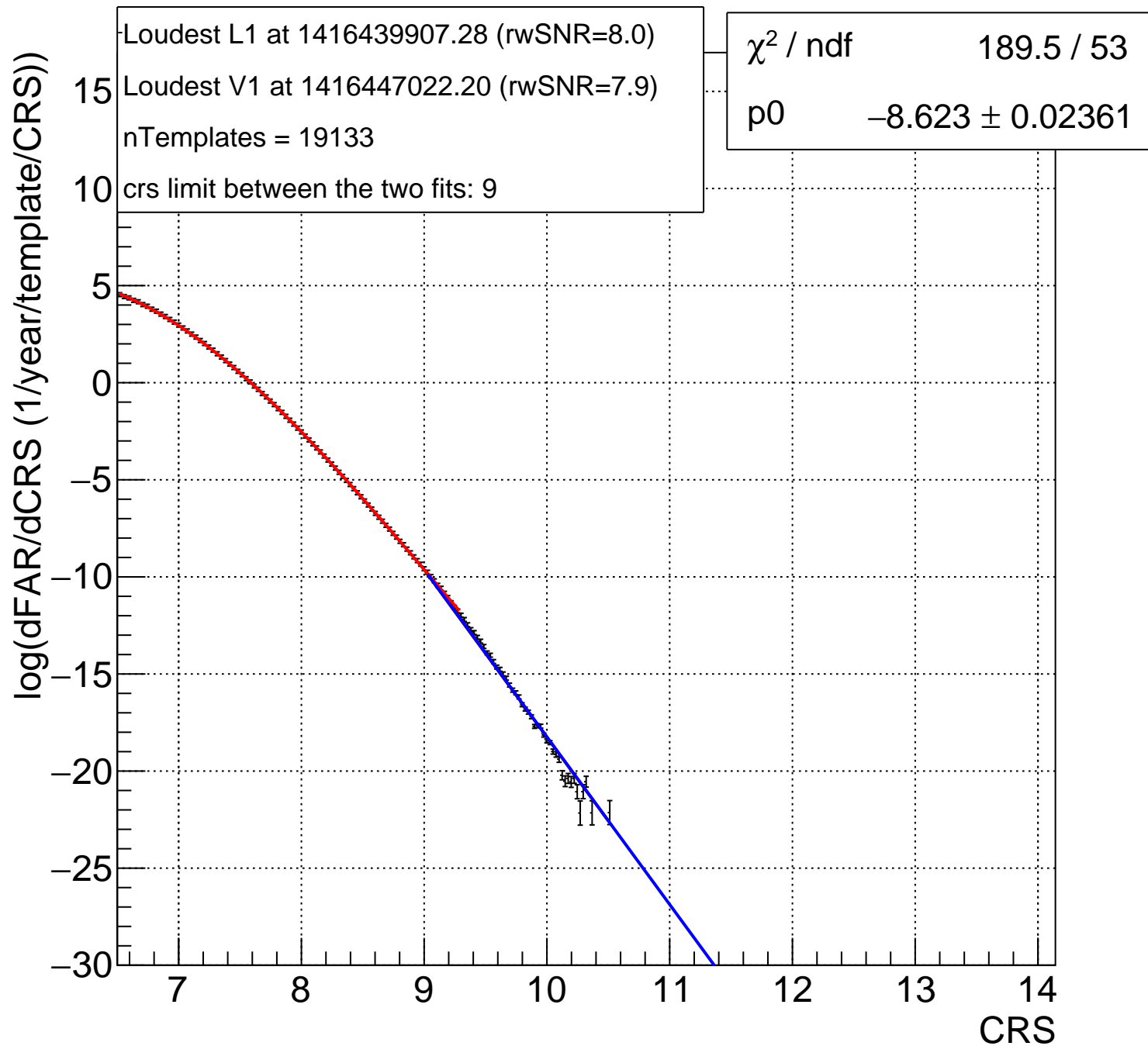
Bin:15 1.795<mChirp<1.884 and 0<m2/m1<0.3333, no 1 band



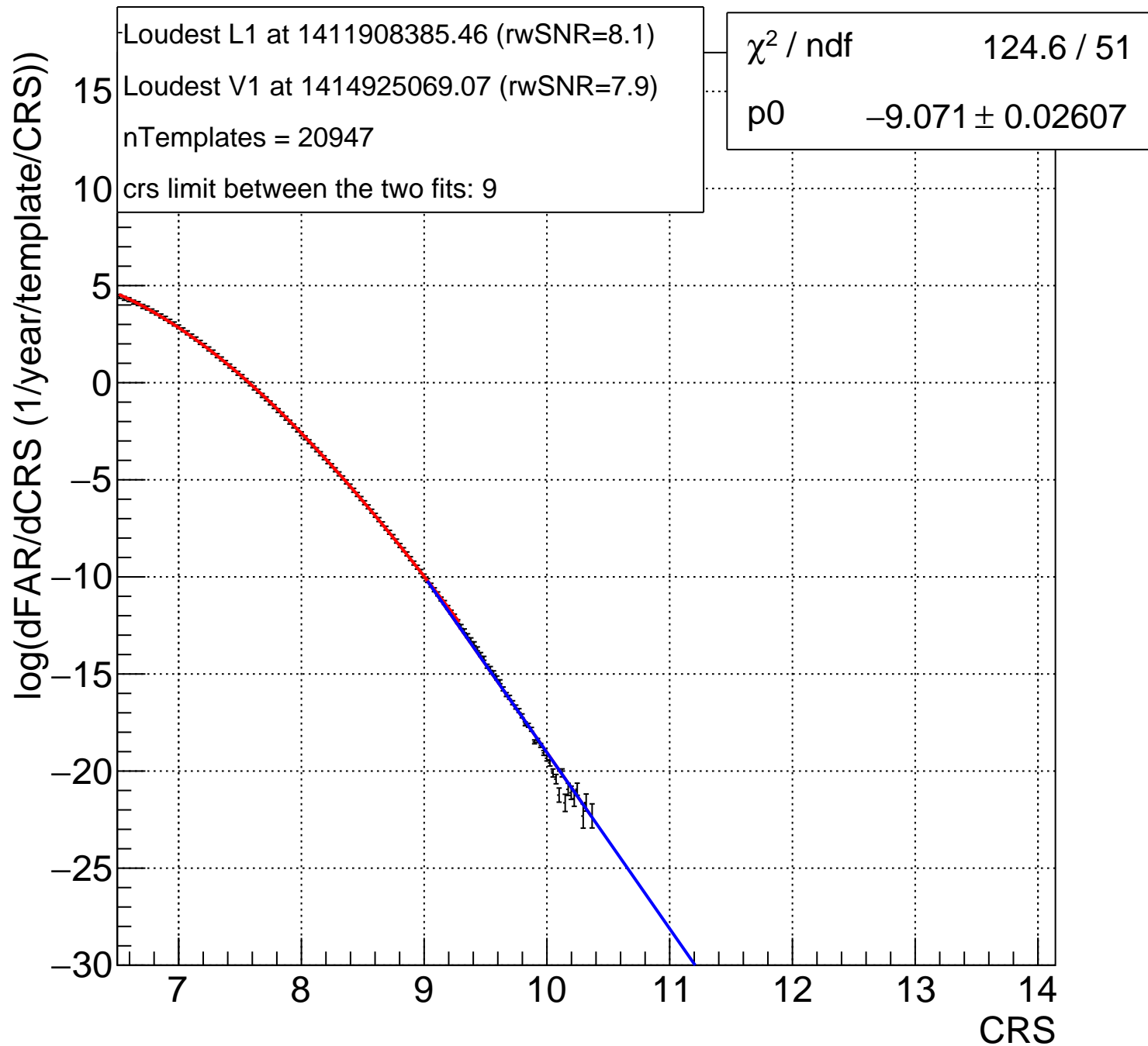
Bin: 16  $1.884 < m_{\text{Chirp}} < 1.978$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



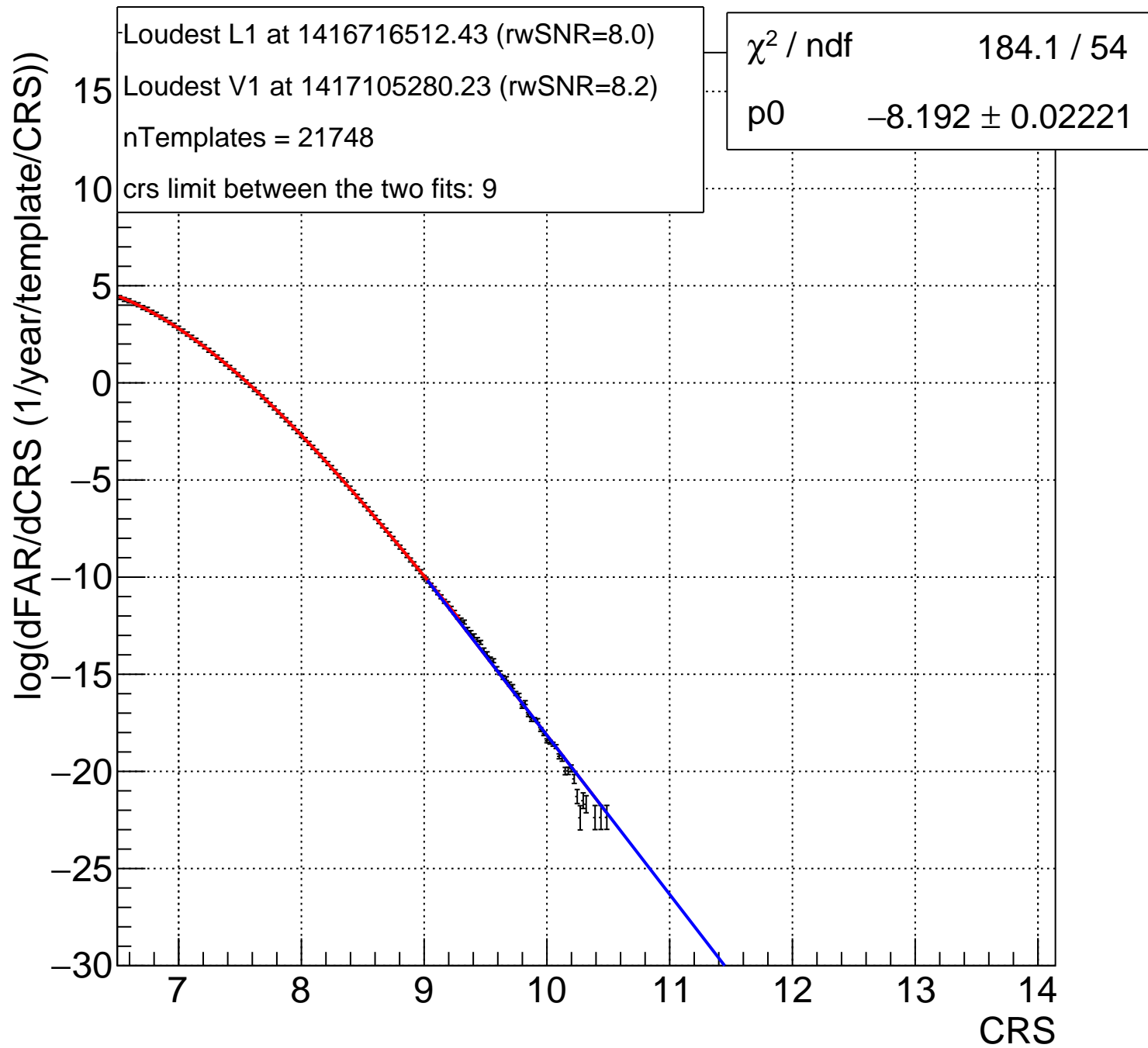
Bin:17 1.978<mChirp<2.077 and 0<m2/m1<0.3333, no 1 band



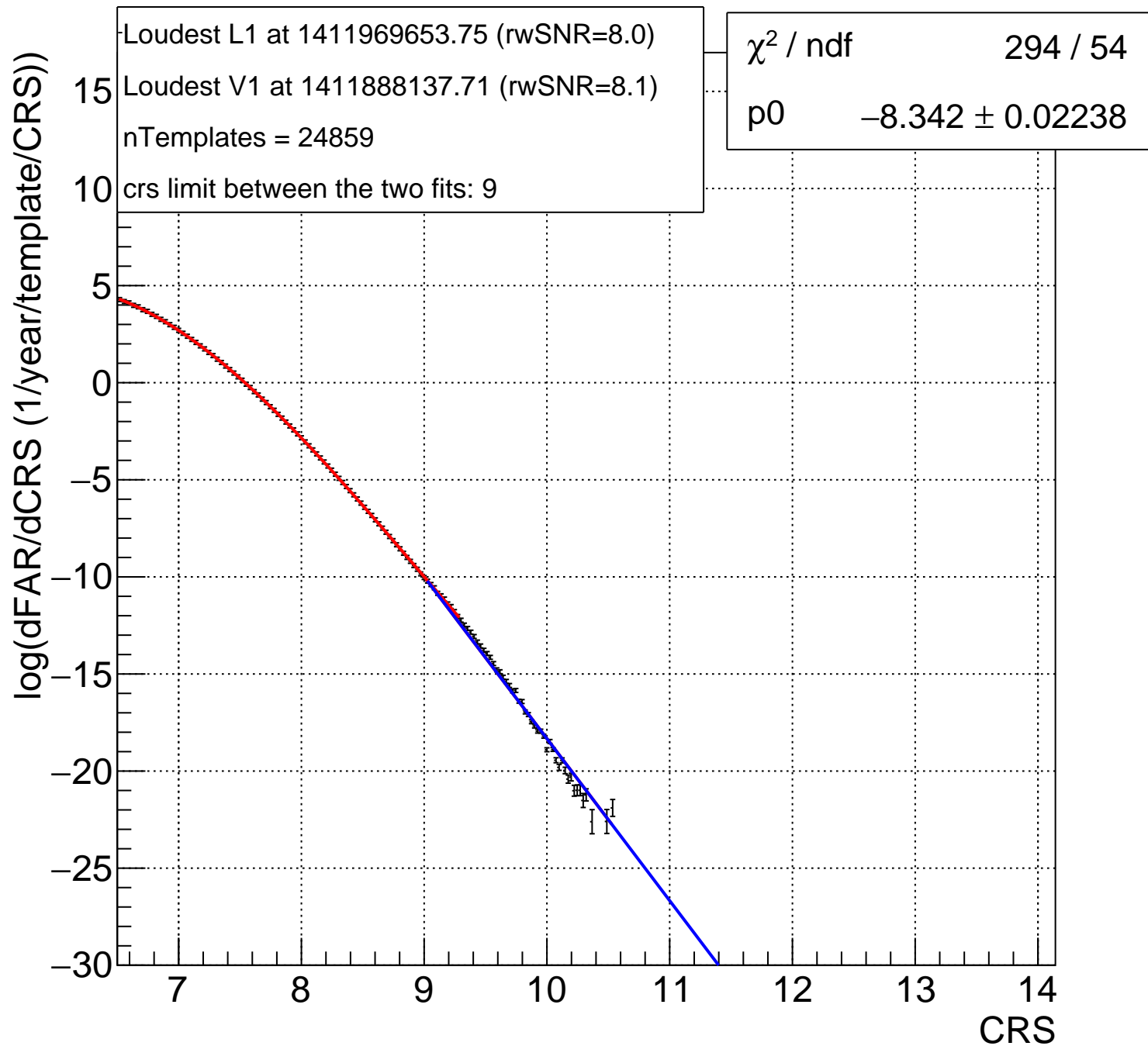
Bin:18  $2.077 < m_{\text{Chirp}} < 2.18$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



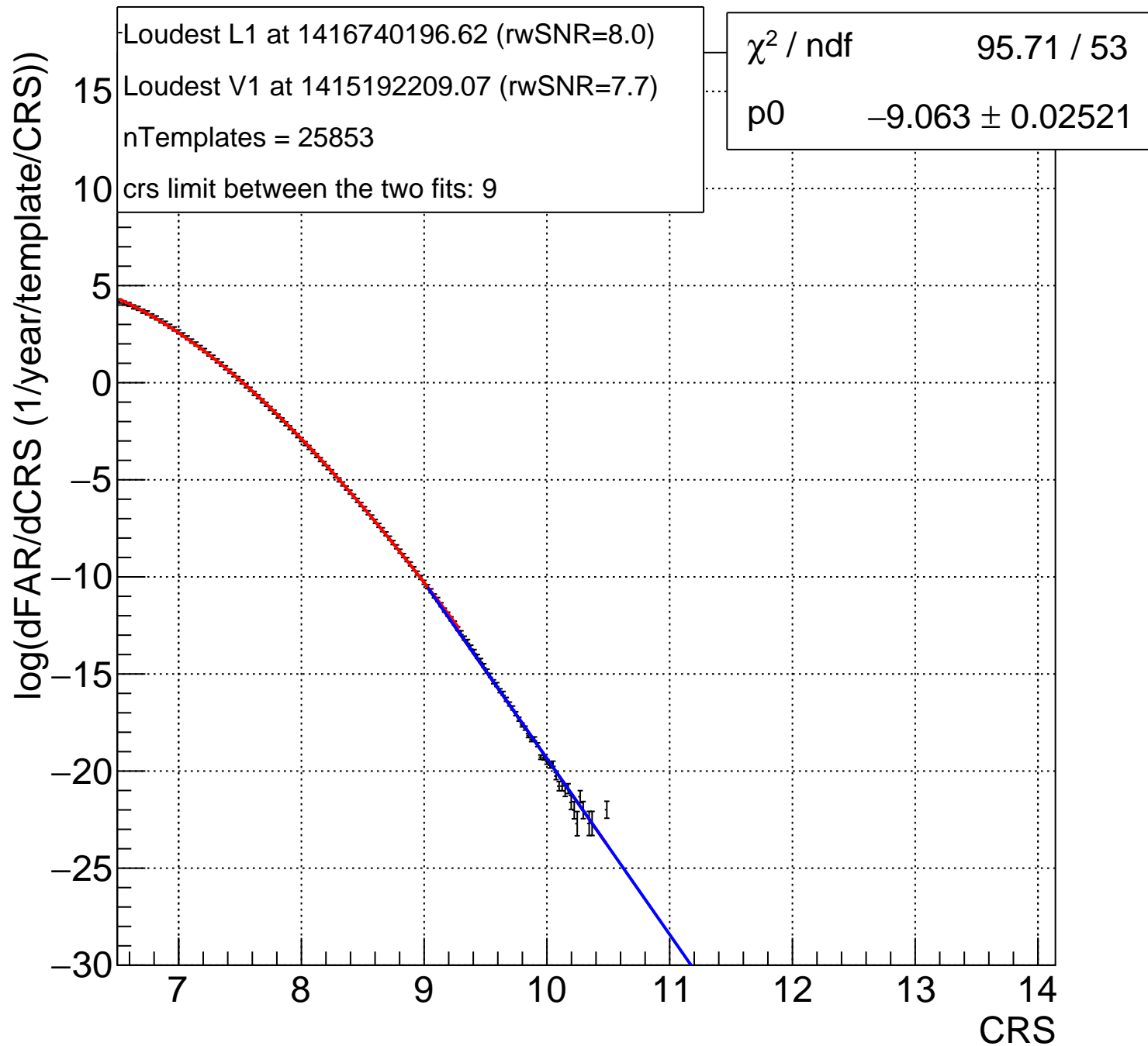
Bin: 19 2.18 < mChirp < 2.289 and 0 < m2/m1 < 0.3333, no 1 band



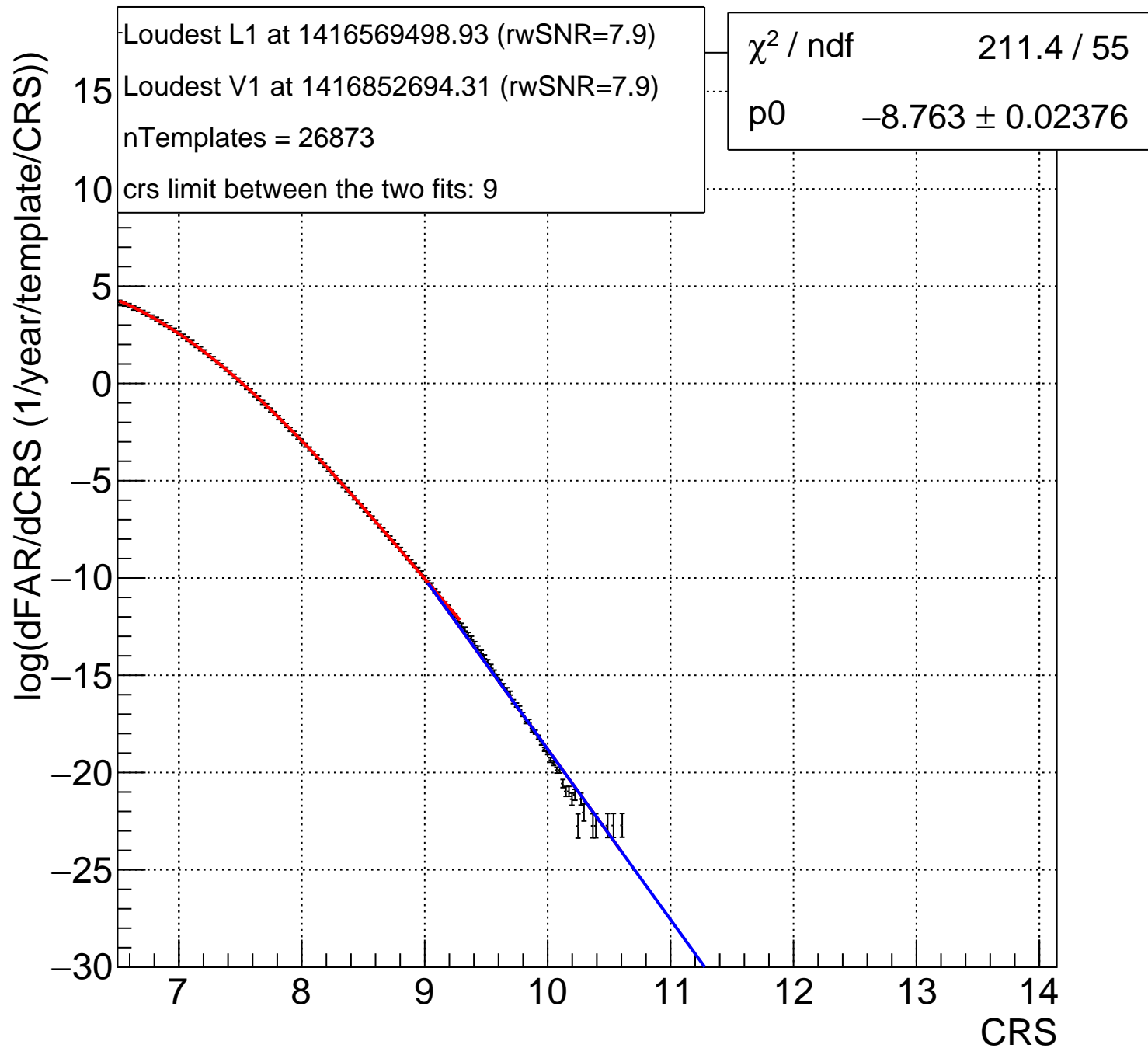
Bin:20  $2.289 < m_{\text{Chirp}} < 2.403$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



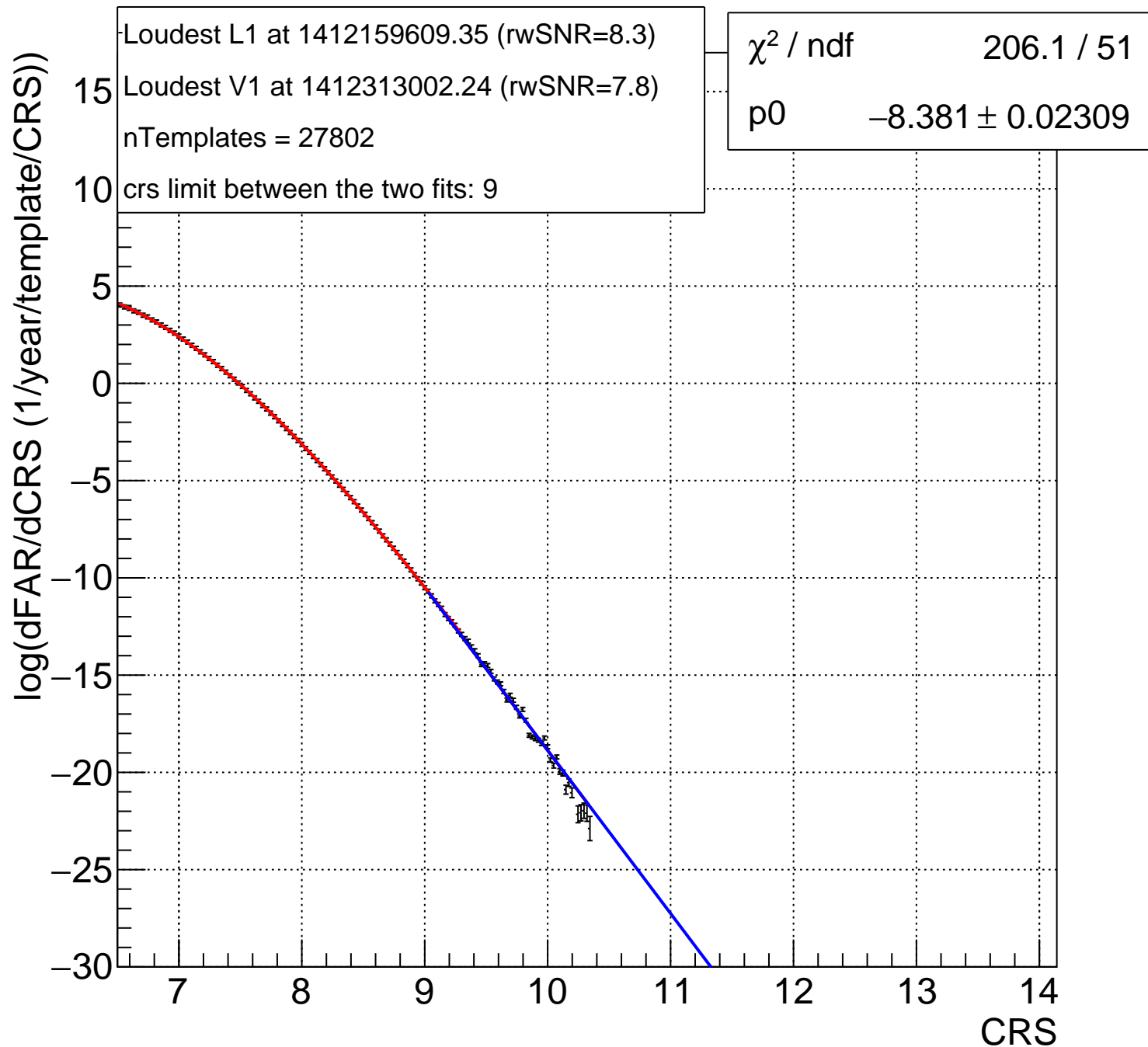
Bin:21 2.403<mChirp<2.522 and 0<m2/m1<0.3333, no 1 band



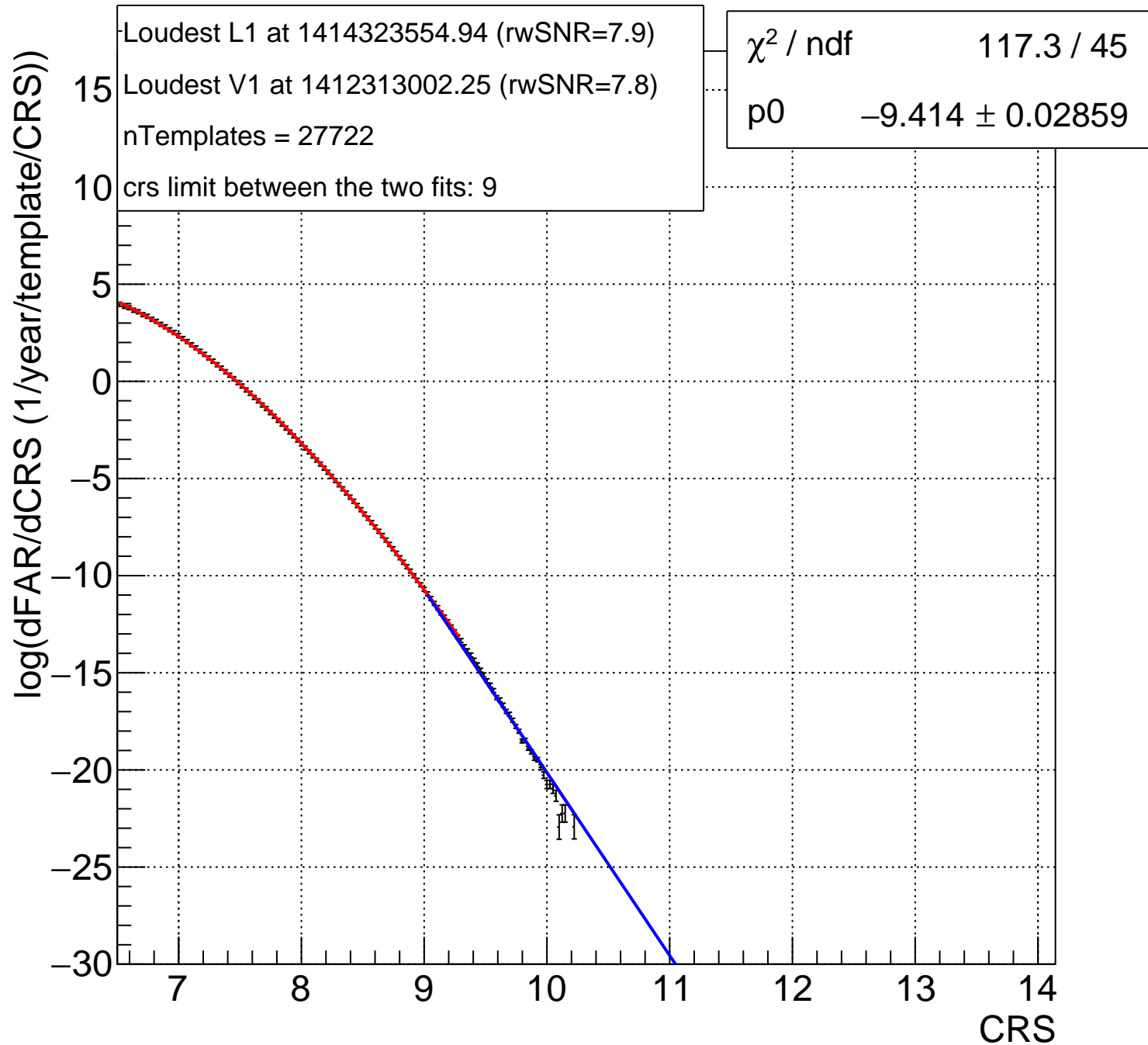
Bin:22 2.522<mChirp<2.648 and 0<m2/m1<0.3333, no 1 band



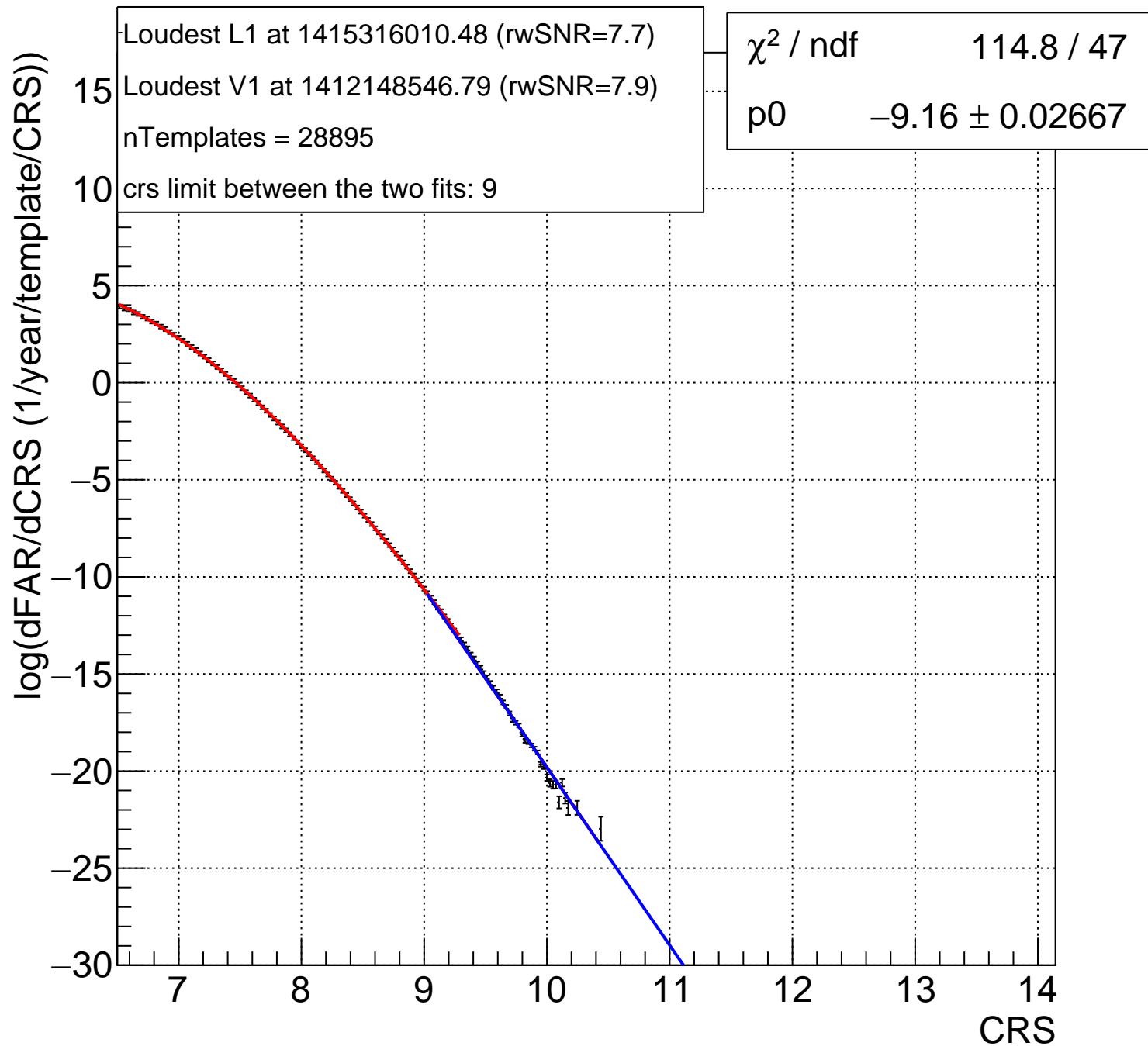
Bin:23 2.648<mChirp<2.78 and 0<m2/m1<0.3333, no 1 band



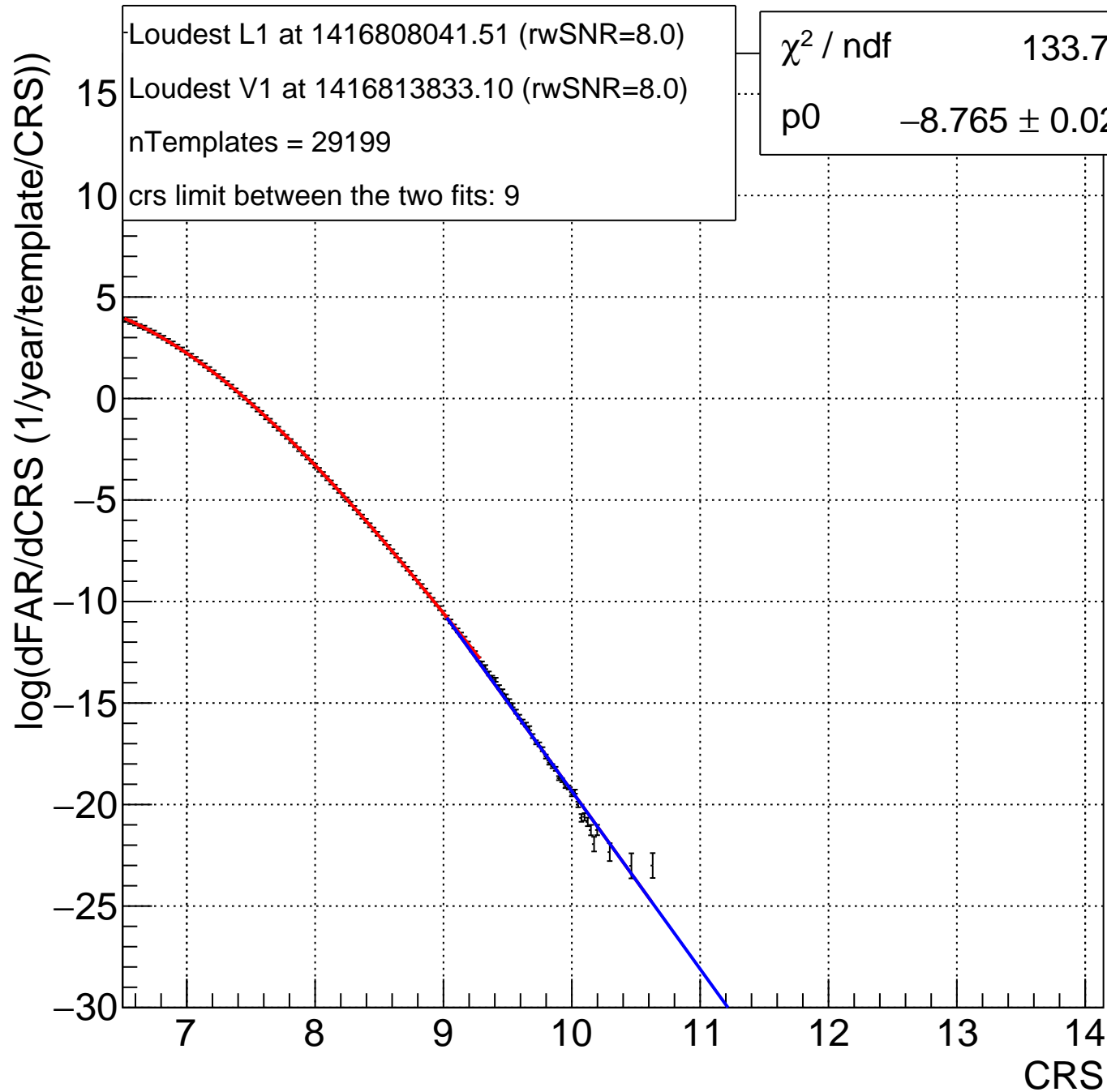
Bin:24 2.78<mChirp<2.918 and 0<m2/m1<0.3333, no 1 band



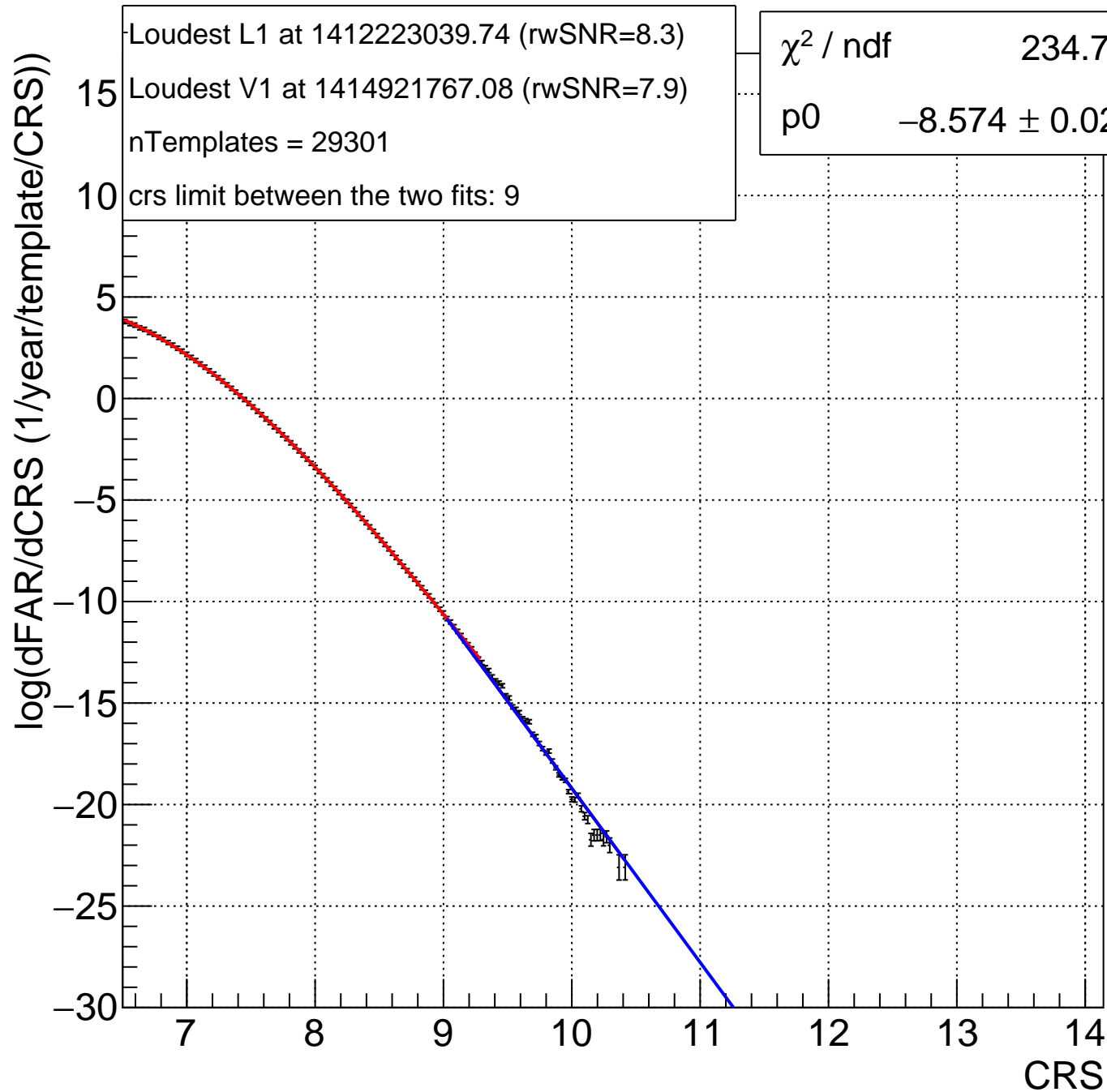
Bin:25 2.918<mChirp<3.064 and 0<m2/m1<0.3333, no 1 band



Bin:26  $3.064 < m_{\text{Chirp}} < 3.216$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



Bin:27 3.216<mChirp<3.376 and 0<m2/m1<0.3333, no 1 band



Loudest L1 at 1412223039.74 (rwSNR=8.3)

15 Loudest V1 at 1414921767.08 (rwSNR=7.9)

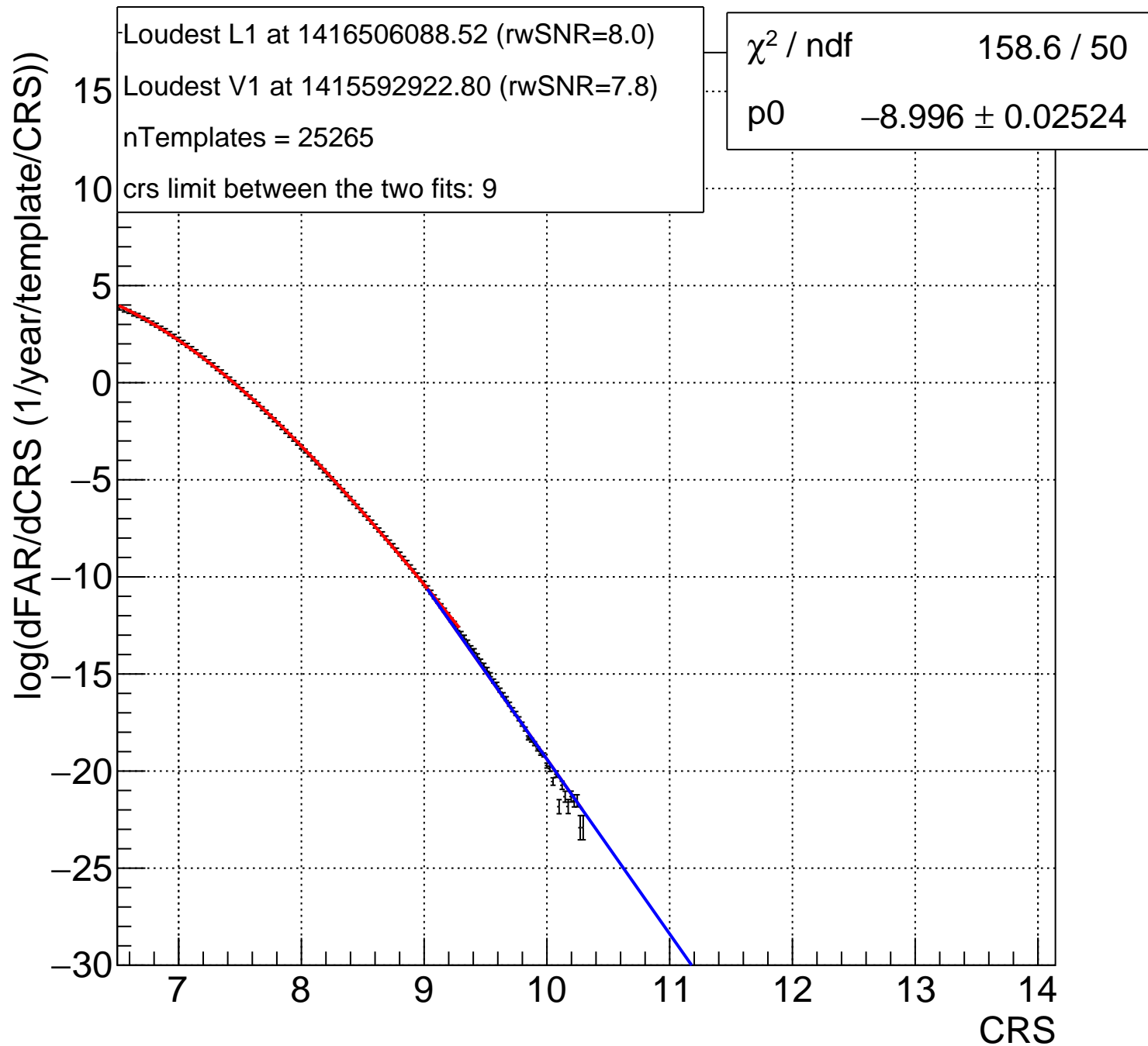
nTemplates = 29301

10 crs limit between the two fits: 9

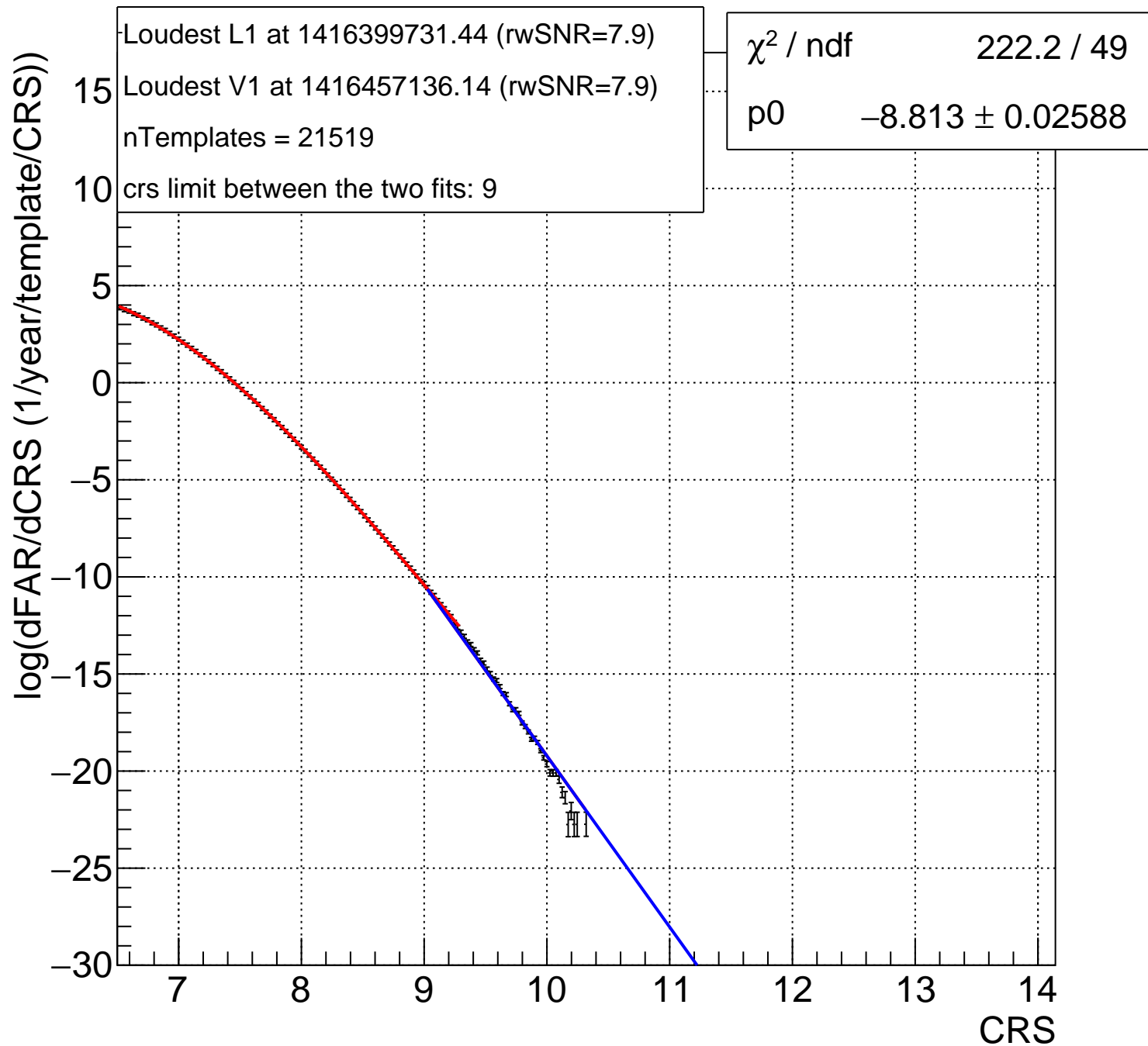
$\chi^2 / \text{ndf}$  234.7 / 52

p0  $-8.574 \pm 0.02388$

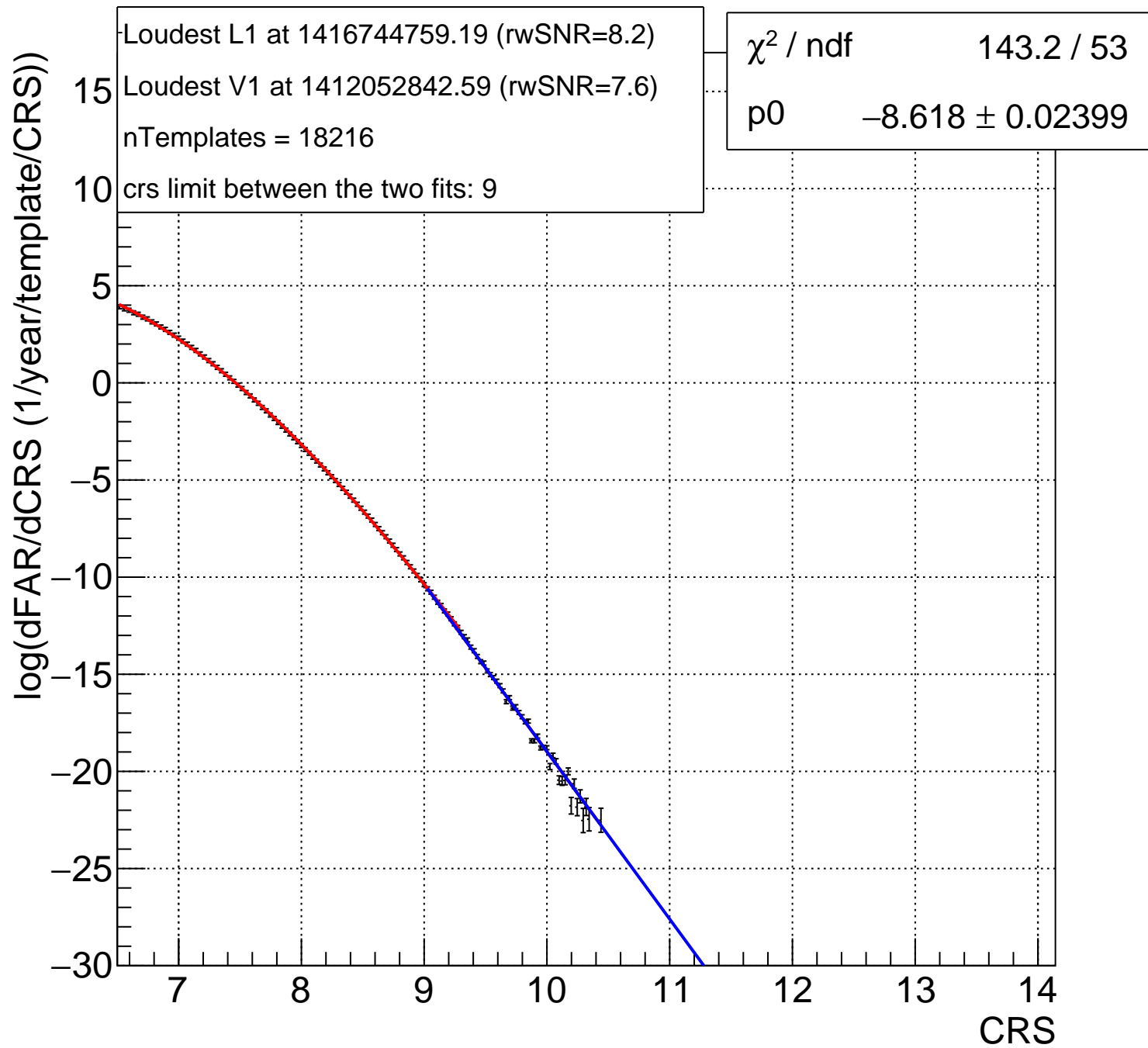
Bin:28  $3.376 < m_{\text{Chirp}} < 3.545$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



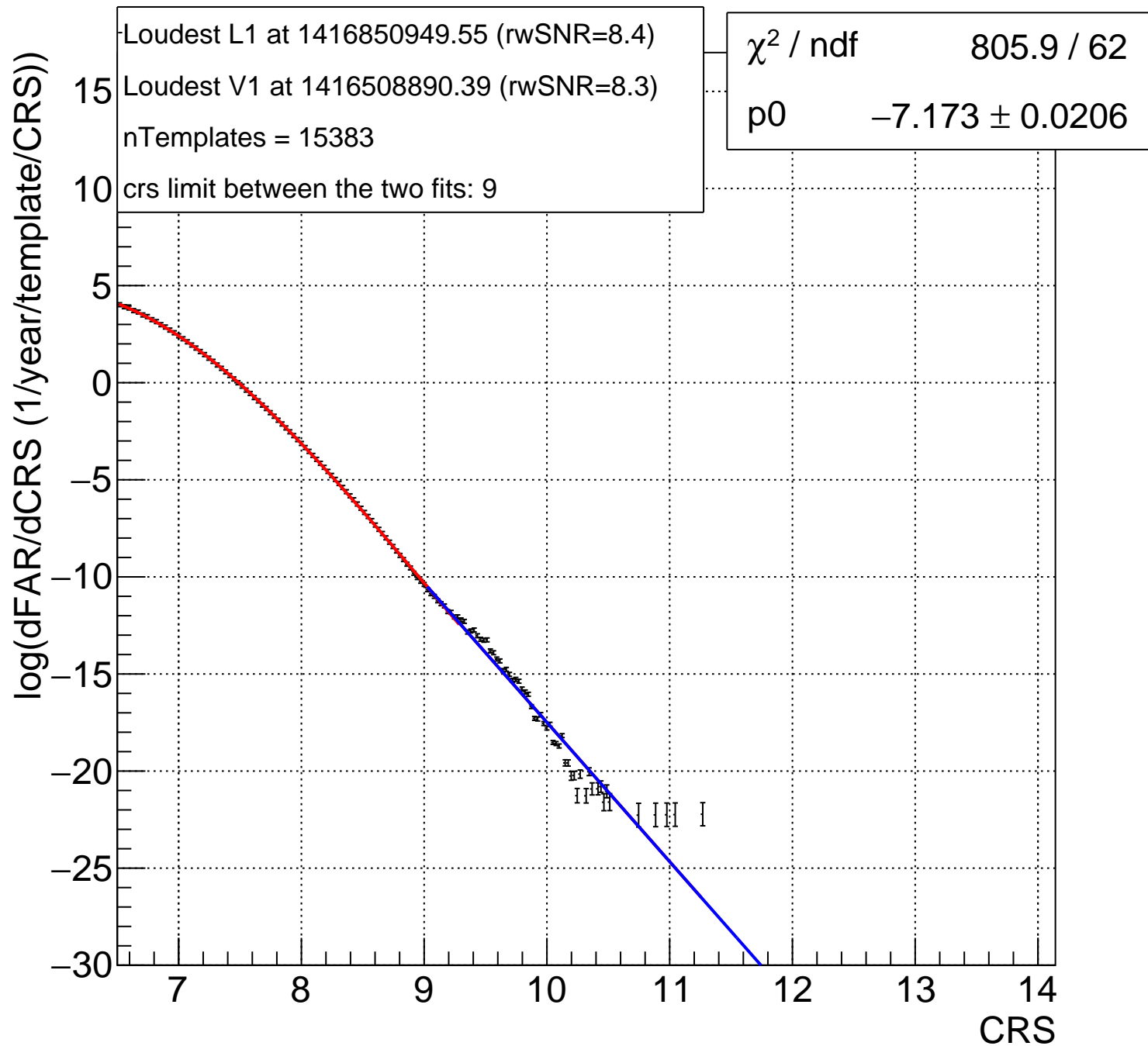
Bin:29  $3.545 < m_{\text{Chirp}} < 3.721$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



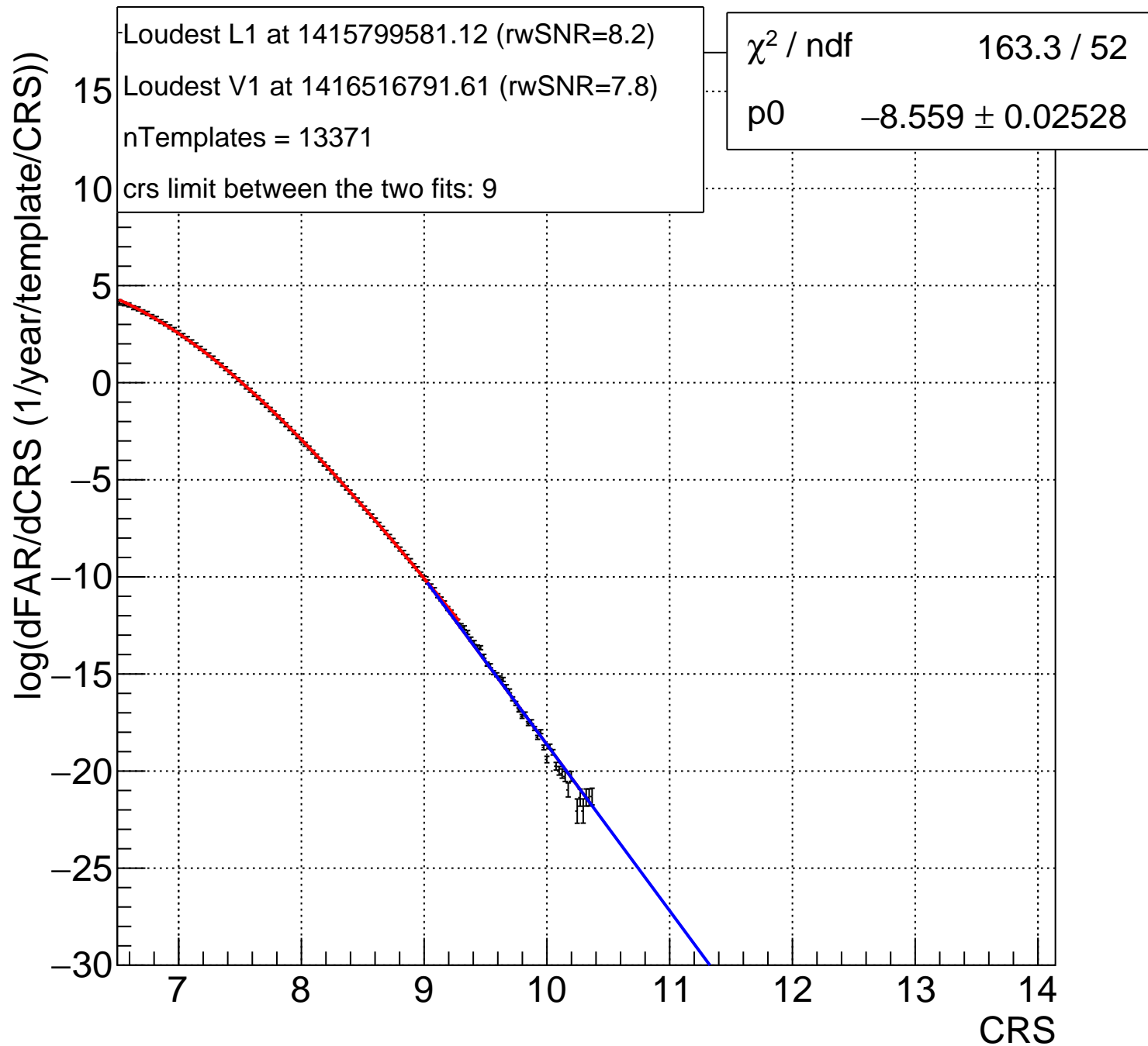
Bin:30 3.721<mChirp<3.907 and 0<m2/m1<0.3333, no 1 band



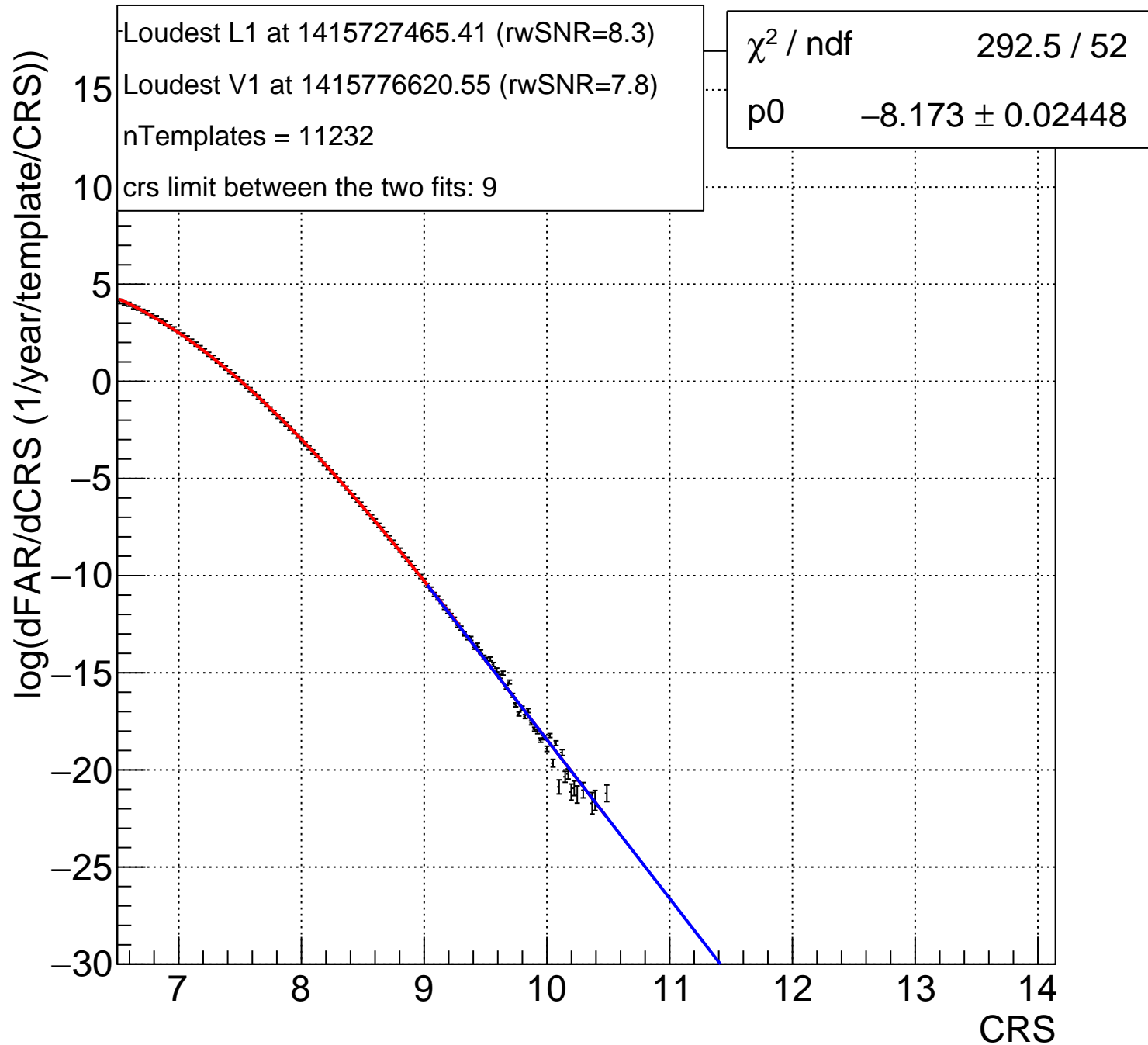
Bin:31 3.907<mChirp<4.101 and 0<m2/m1<0.3333, no 1 band



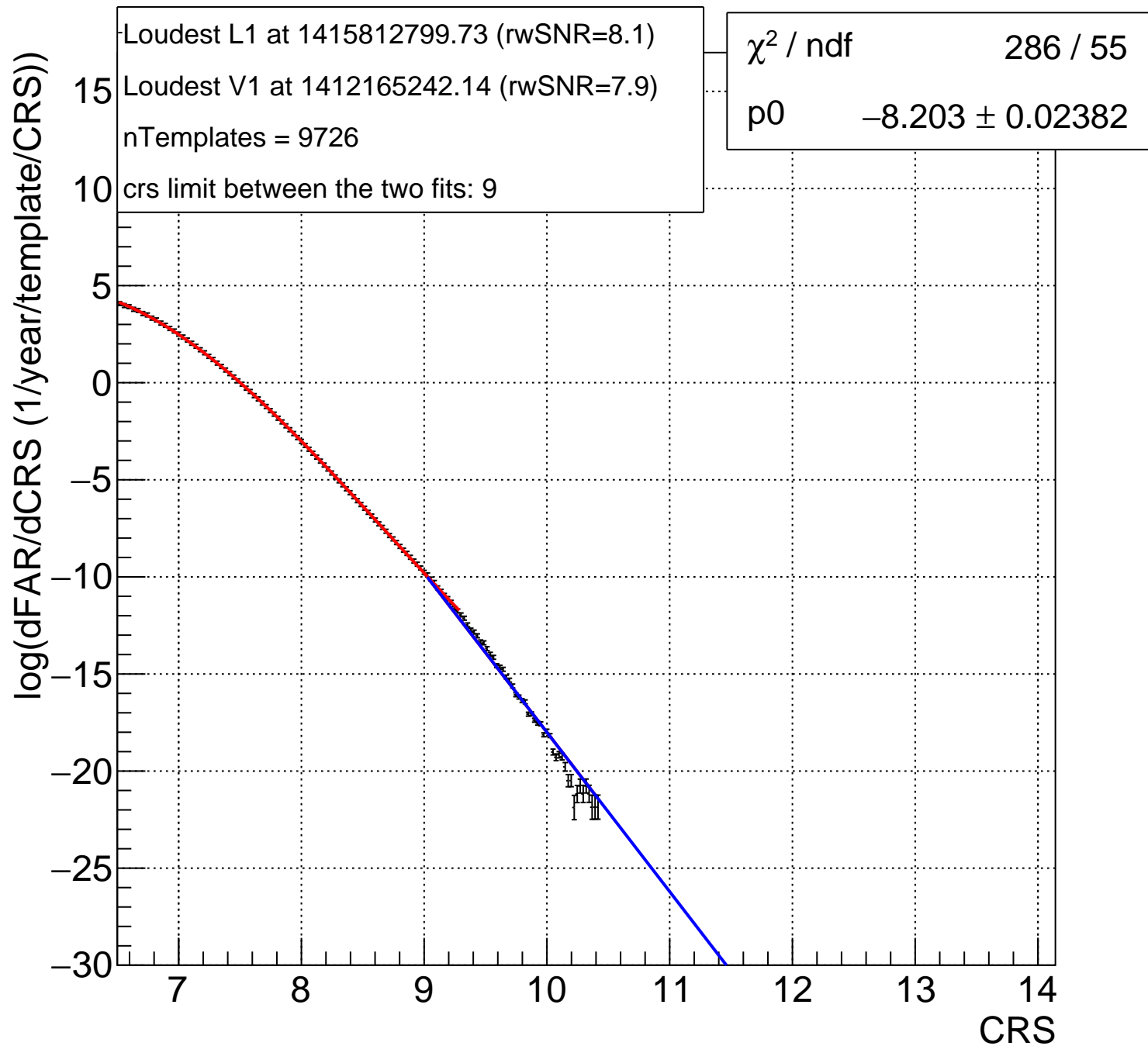
Bin:32  $4.101 < m_{\text{Chirp}} < 4.305$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



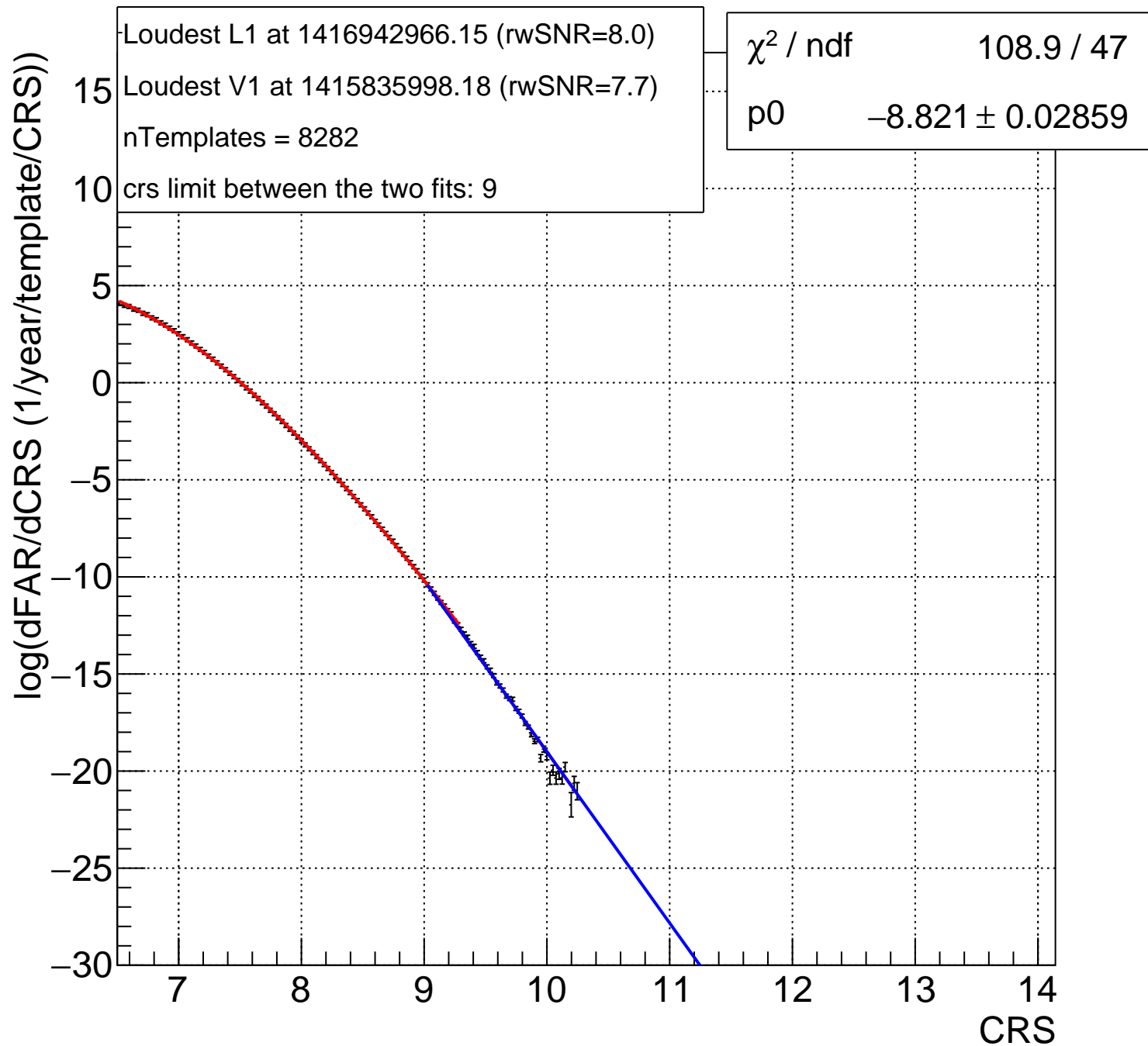
Bin:33 4.305<mChirp<4.52 and 0<m2/m1<0.3333, no 1 band



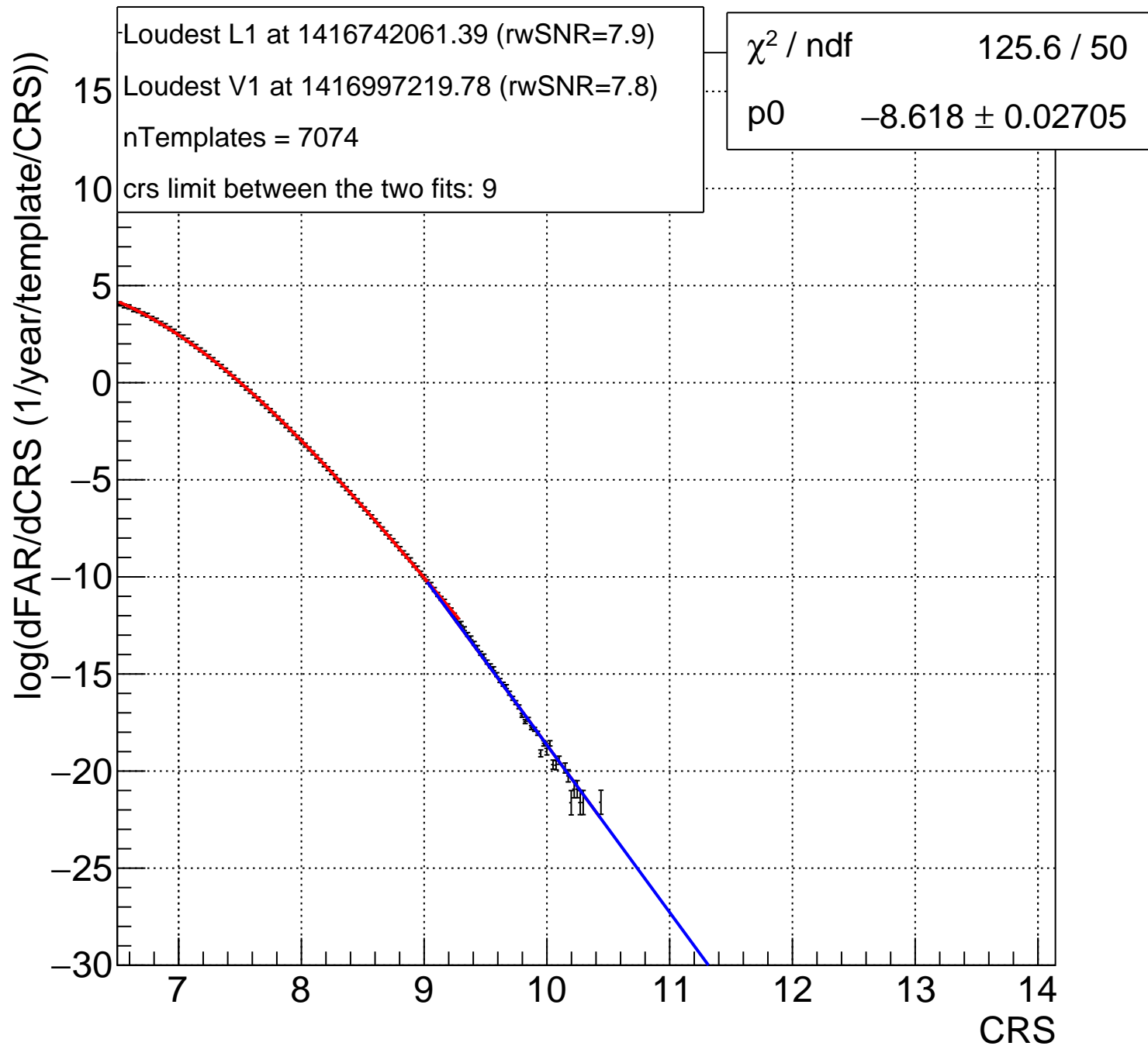
Bin:34 4.52<mChirp<4.745 and 0<m2/m1<0.3333, no 1 band



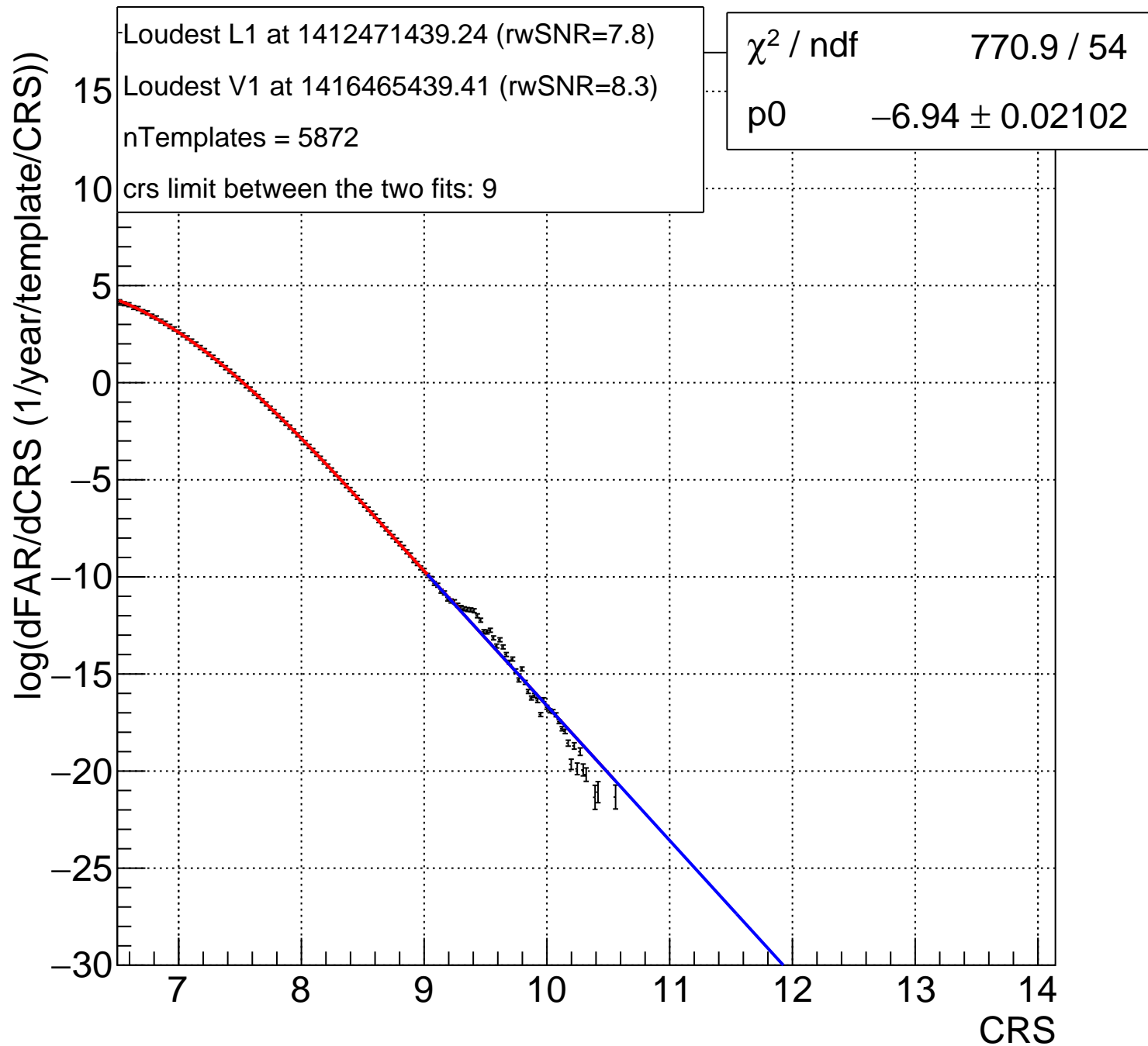
Bin:35 4.745<mChirp<4.981 and 0<m2/m1<0.3333, no 1 band



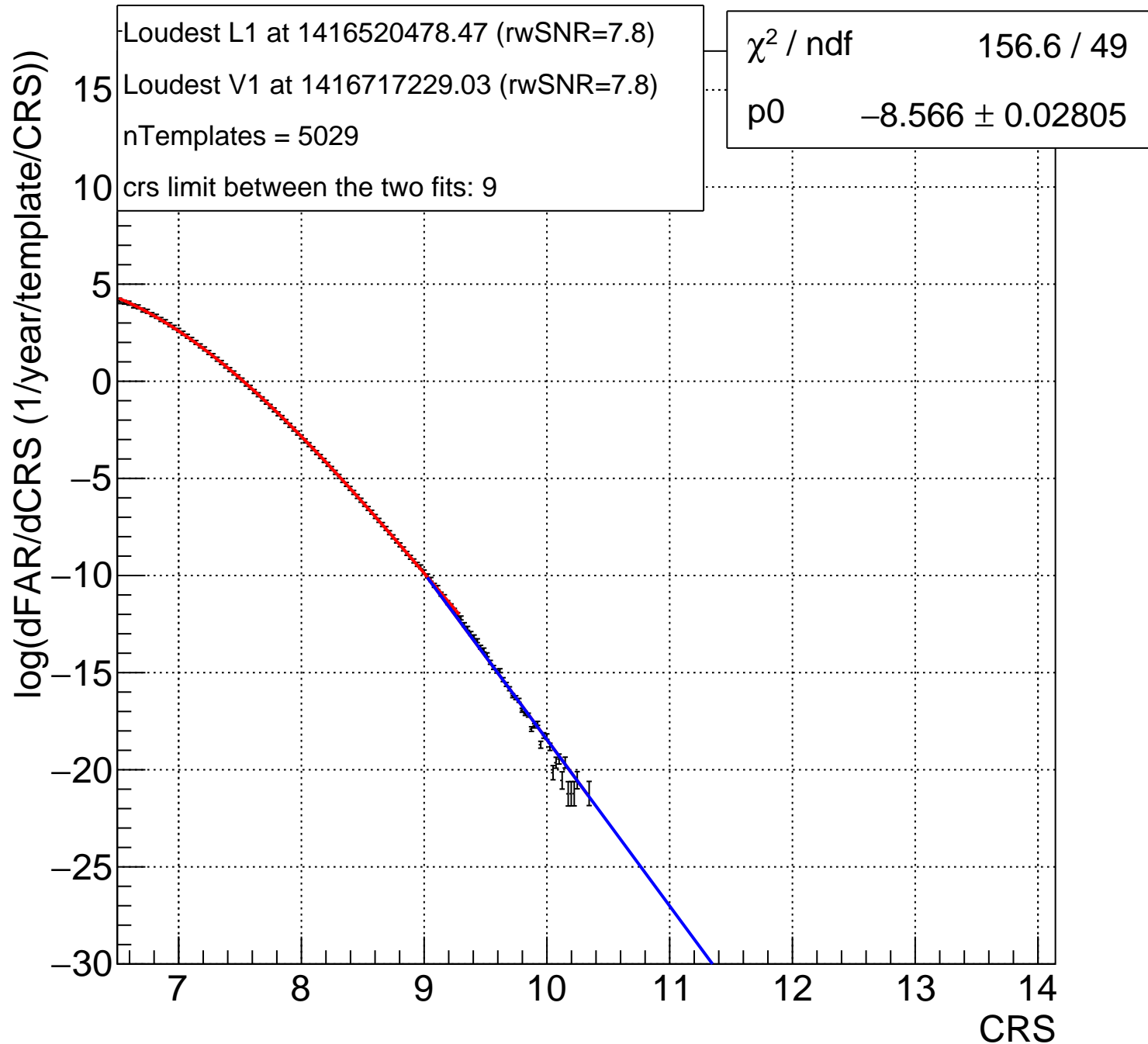
Bin:36  $4.981 < m_{\text{Chirp}} < 5.229$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



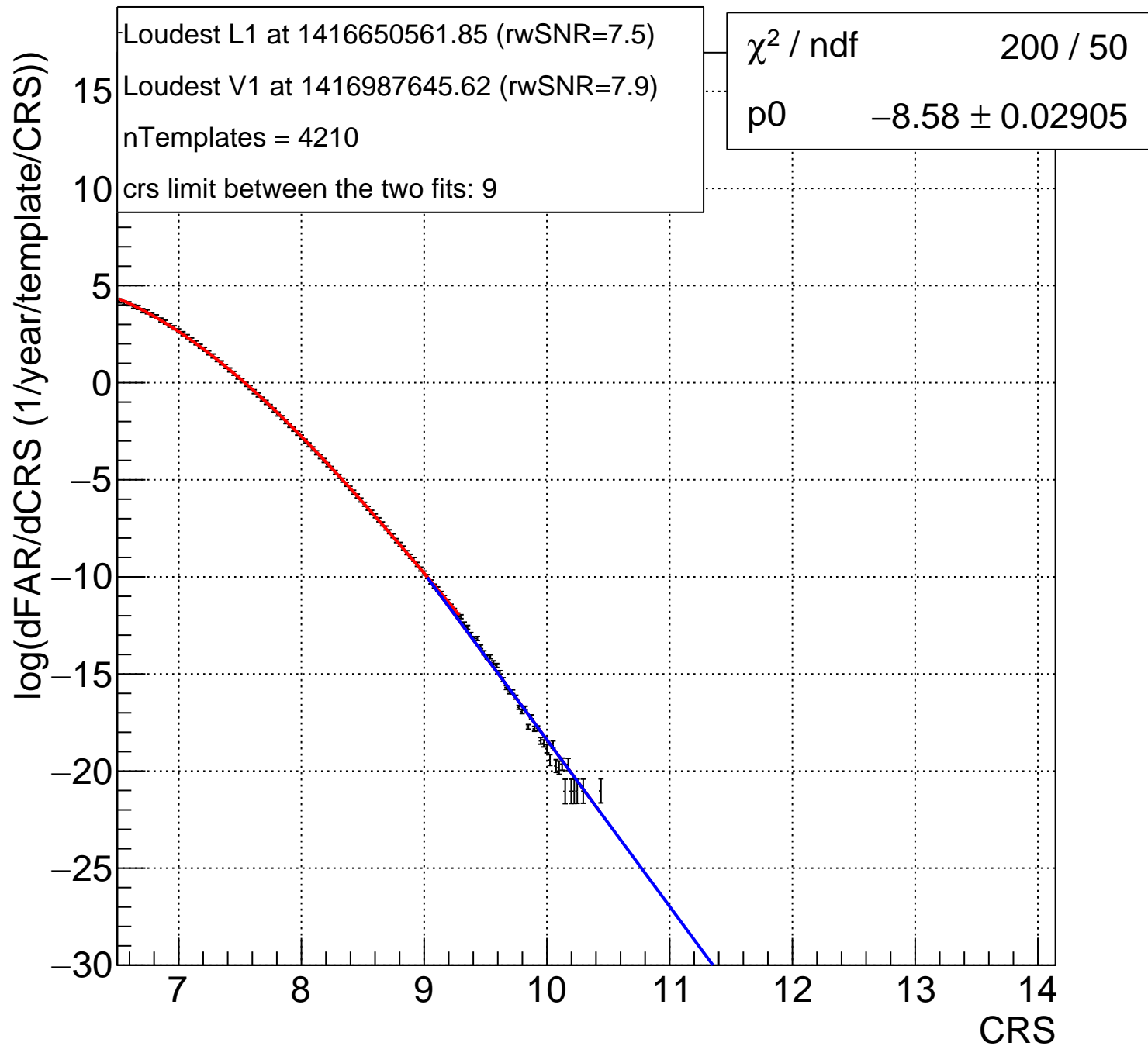
Bin:37 5.229<mChirp<5.49 and 0<m2/m1<0.3333, no 1 band



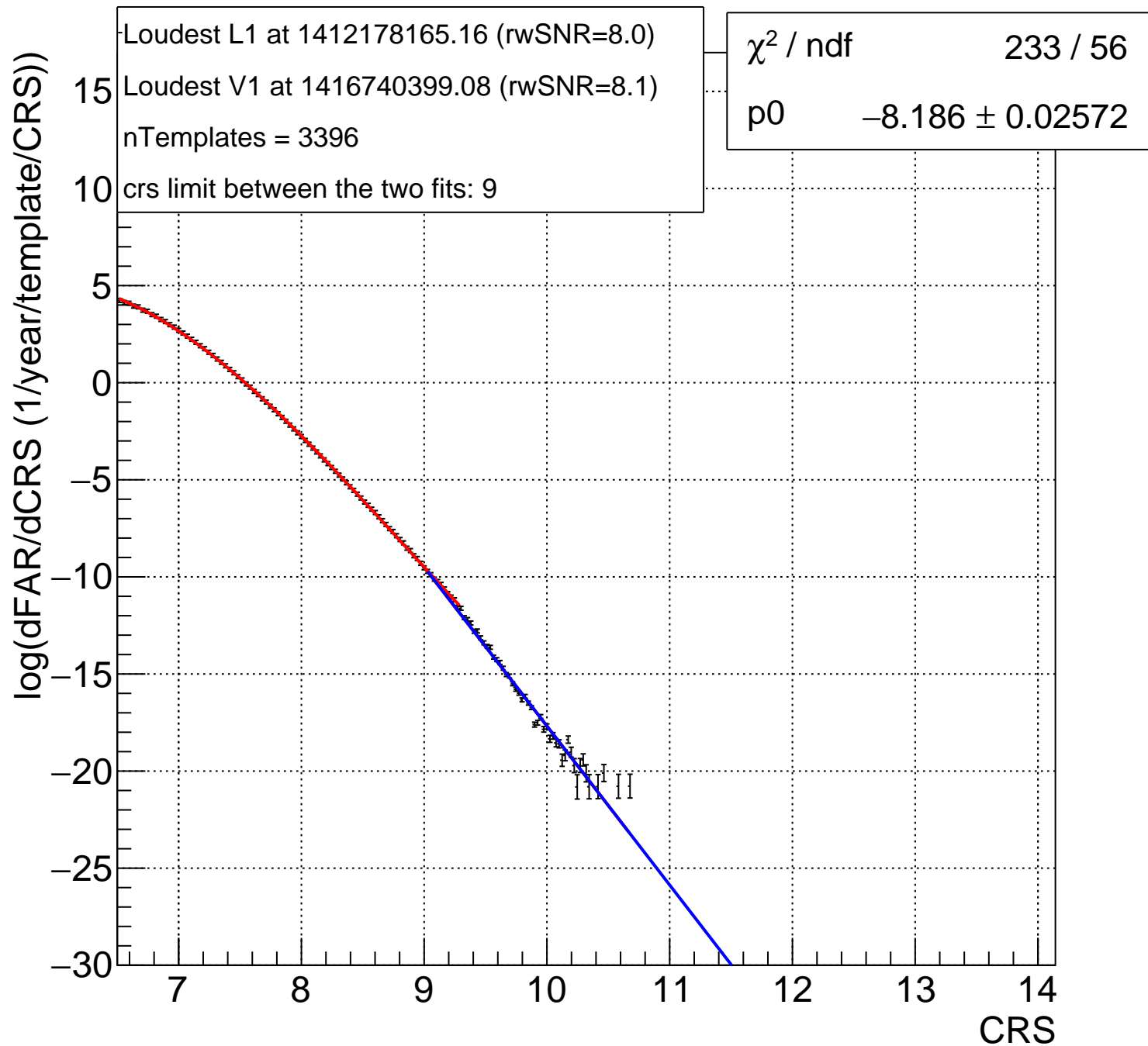
Bin:38 5.49<mChirp<5.763 and 0<m2/m1<0.3333, no 1 band



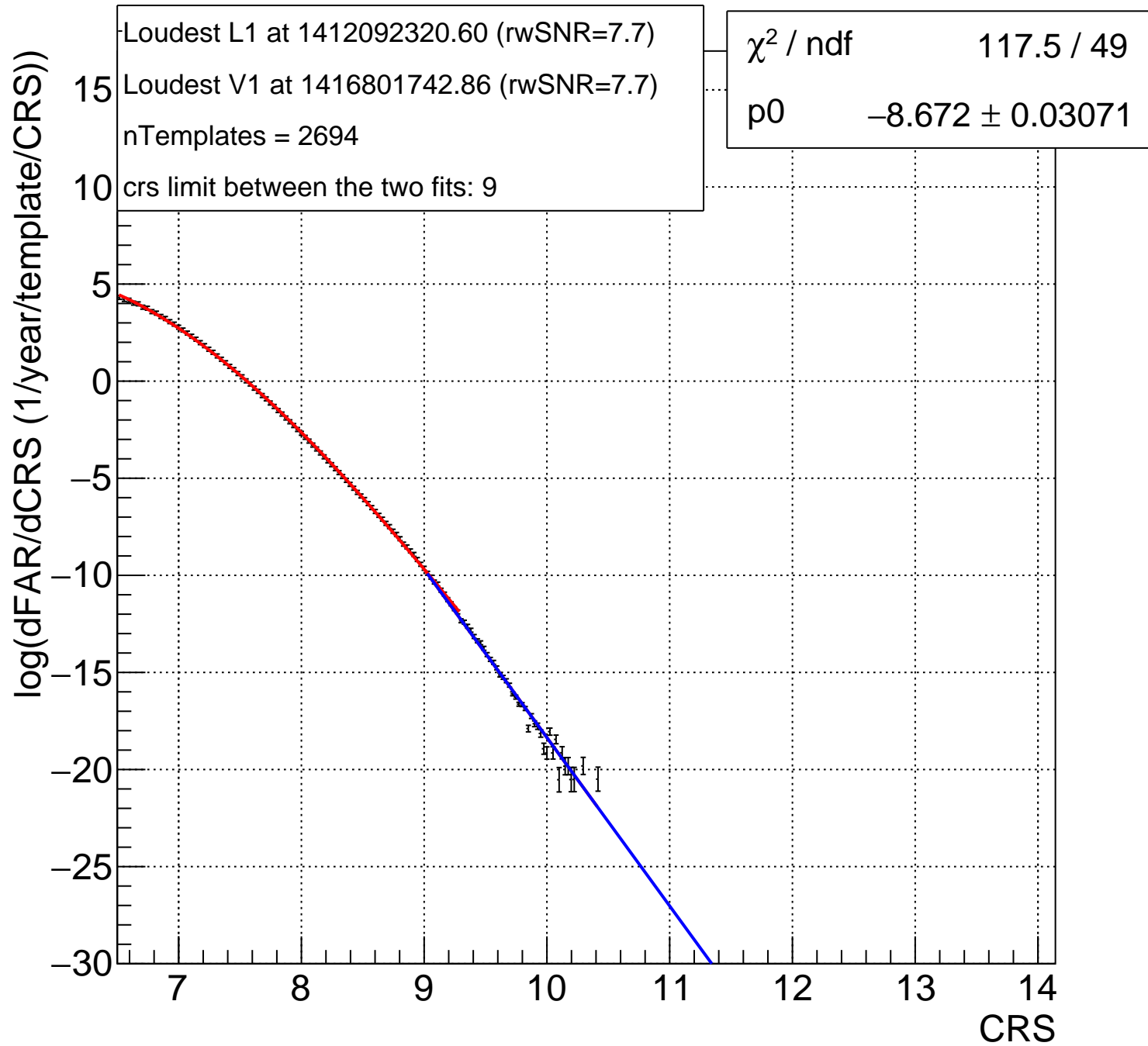
Bin:39 5.763<mChirp<6.05 and 0<m2/m1<0.3333, no 1 band



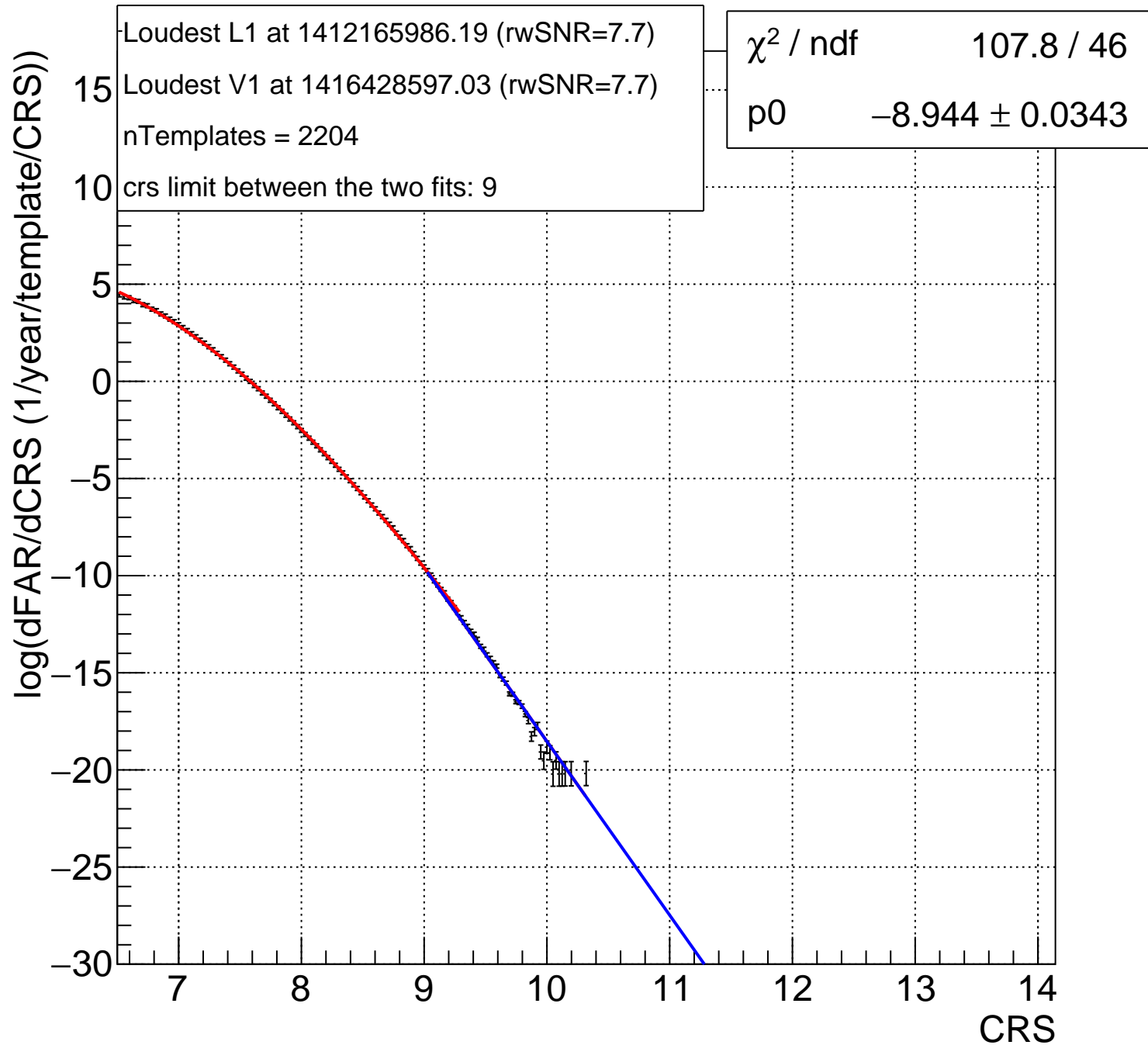
Bin:40 6.05<mChirp<6.352 and 0<m2/m1<0.3333, no 1 band



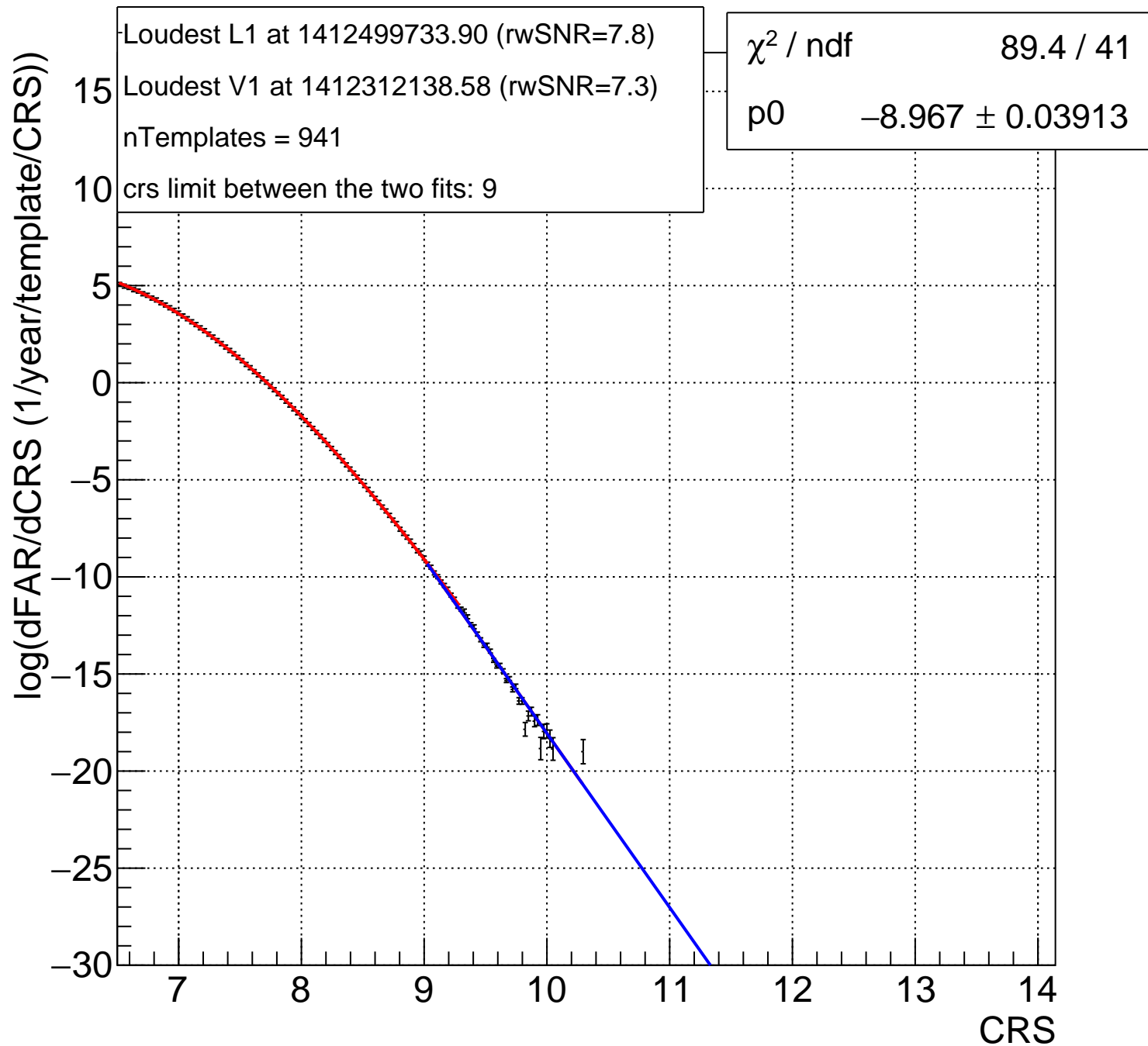
Bin:41  $6.352 < m_{\text{Chirp}} < 6.668$  and  $0 < m_2/m_1 < 0.3333$ , no 1 band



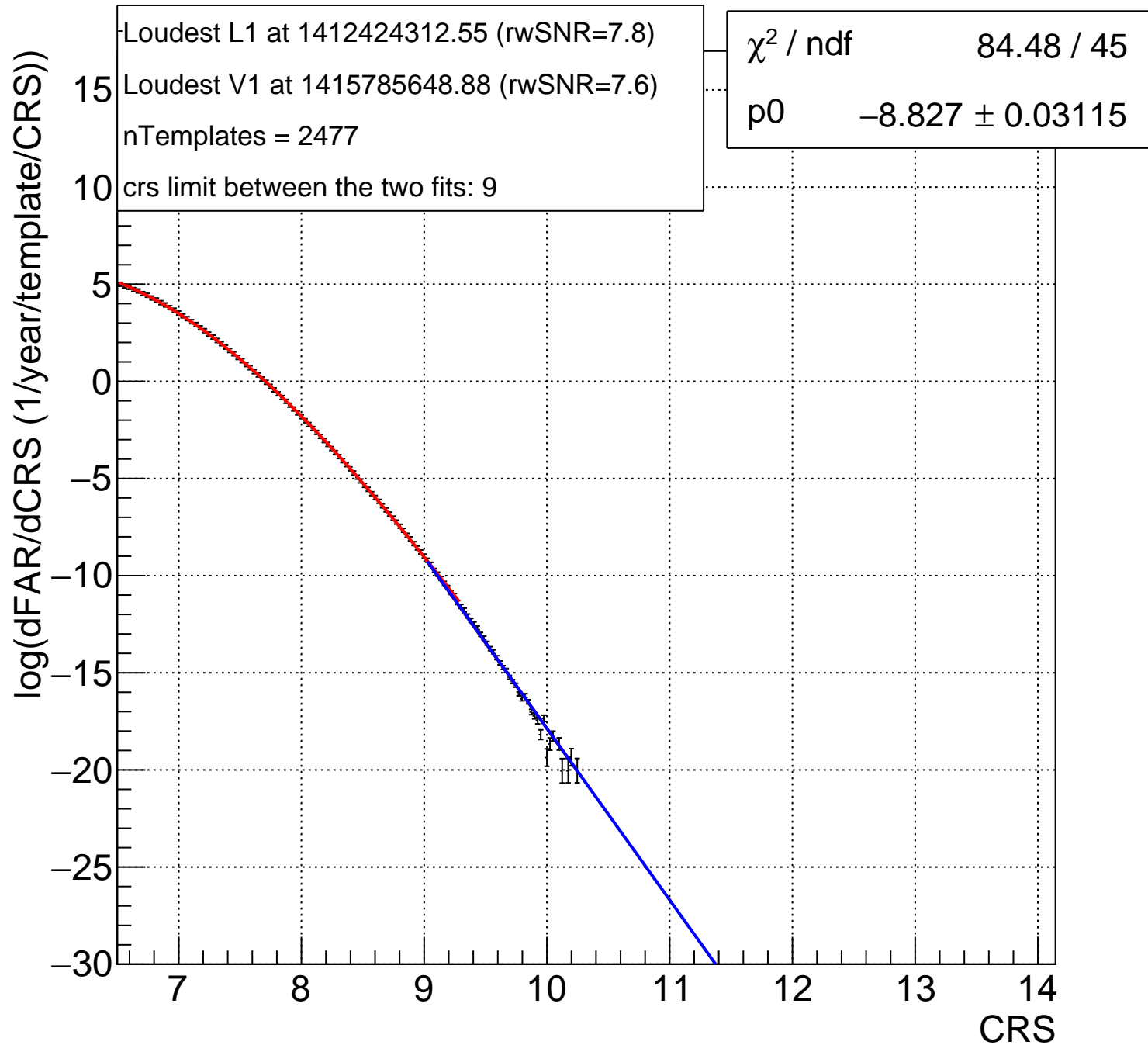
Bin:42 6.668<mChirp<7 and 0<m2/m1<0.3333, no 1 band



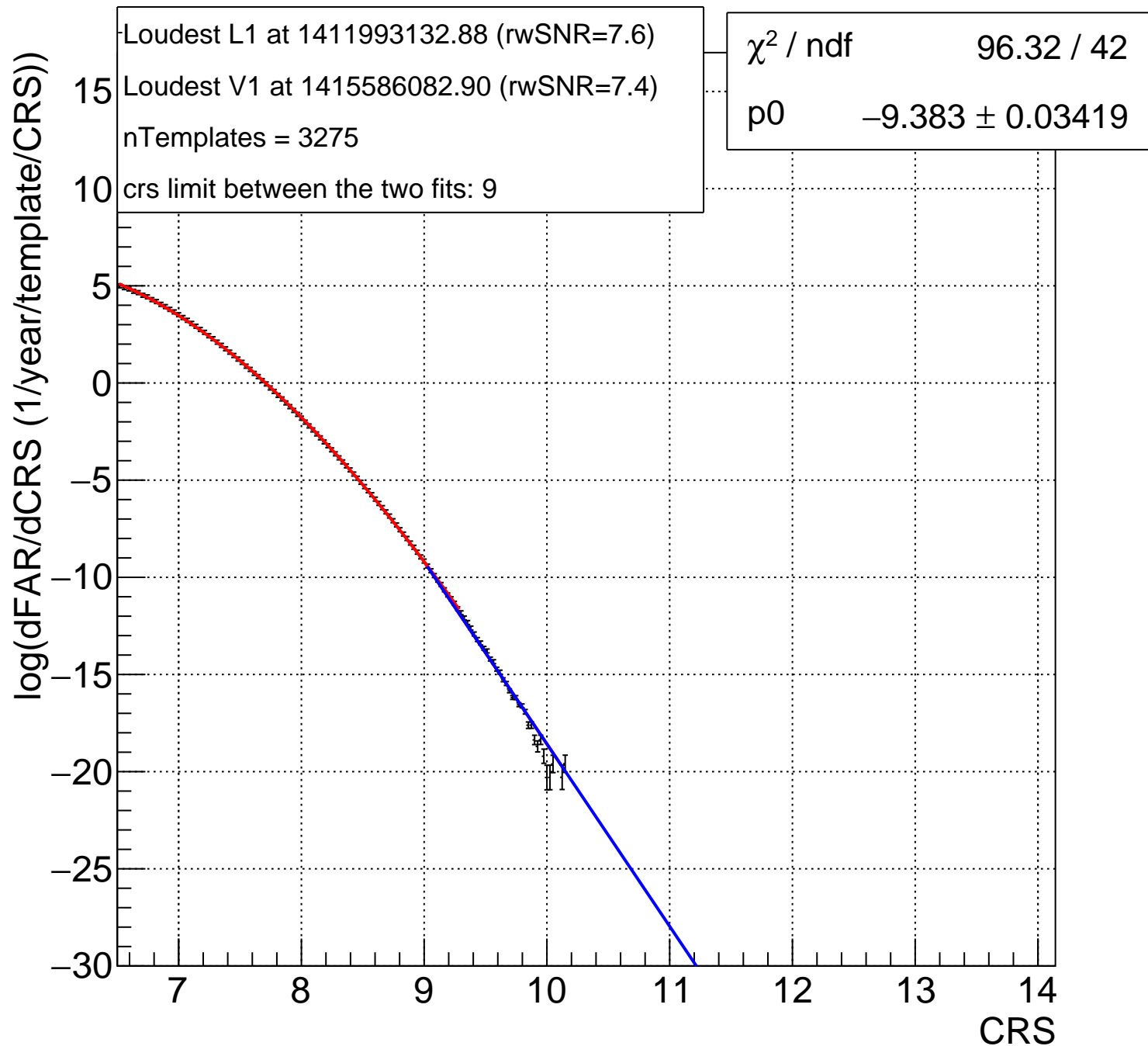
Bin:47 1.052<mChirp<1.104 and 0.3333<m2/m1<0.6667, no 1 band



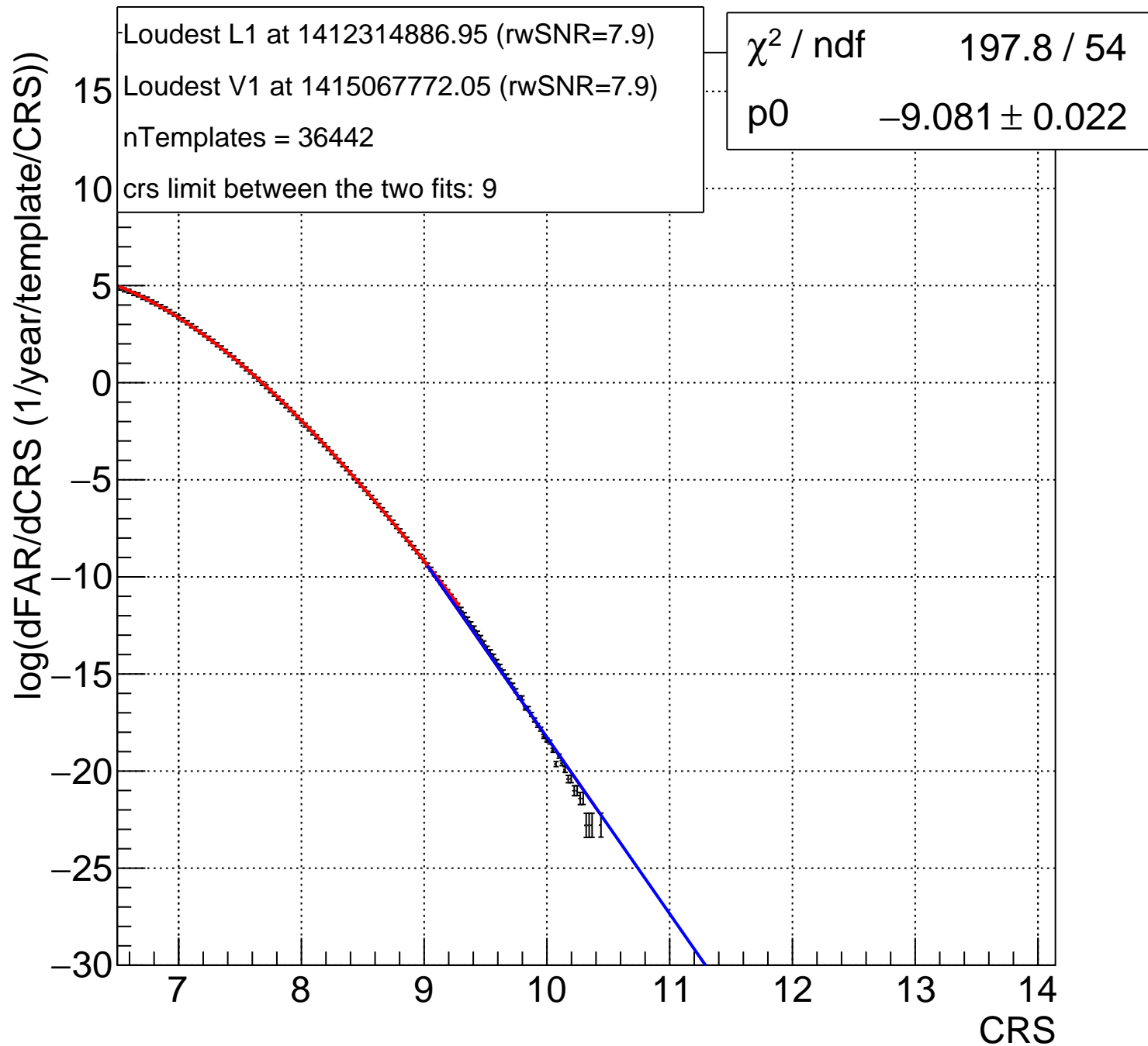
Bin:48 1.104<mChirp<1.159 and 0.3333<m2/m1<0.6667, no 1 band



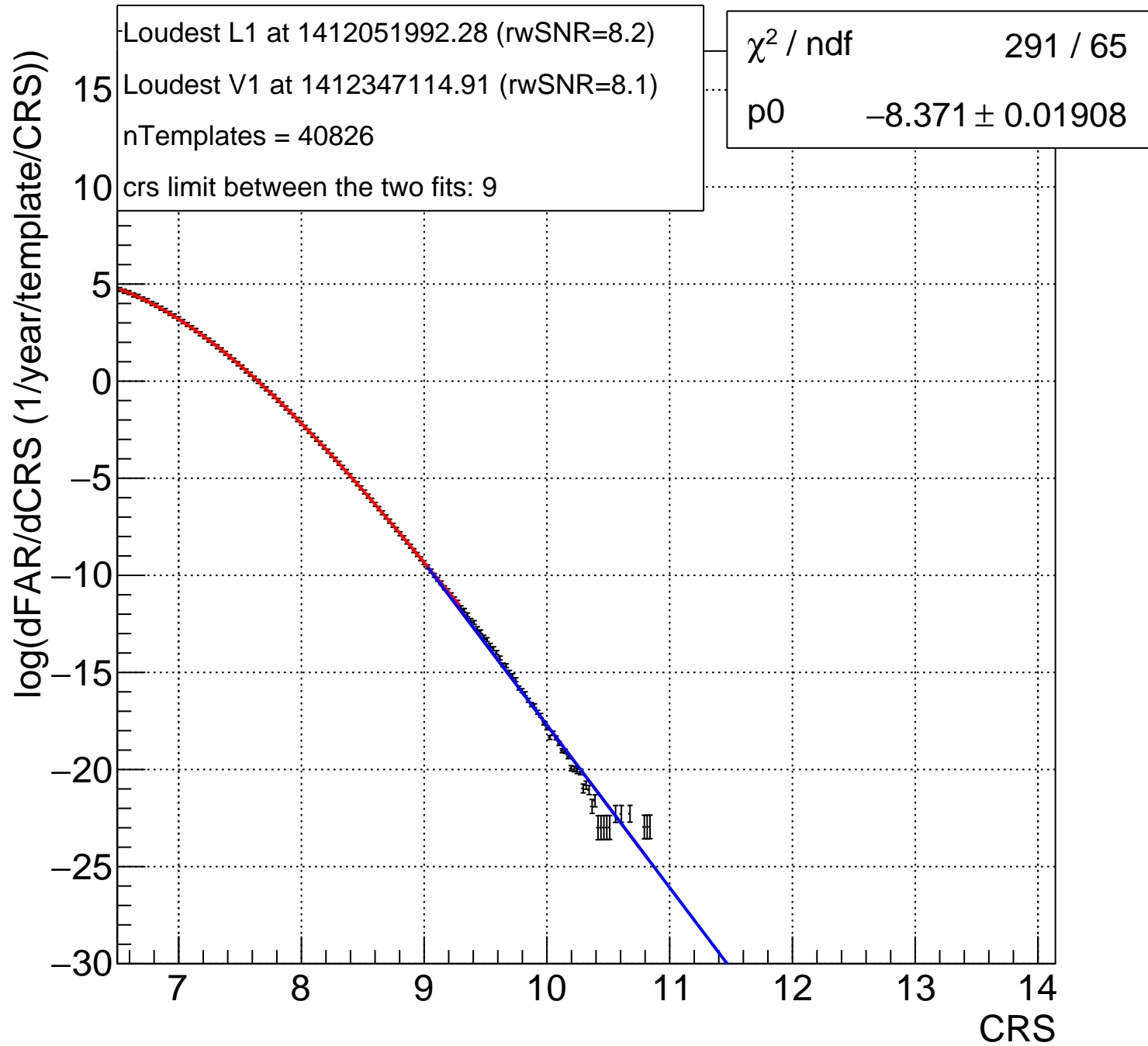
Bin:49 1.159<mChirp<1.217 and 0.3333<m2/m1<0.6667, no 1 band



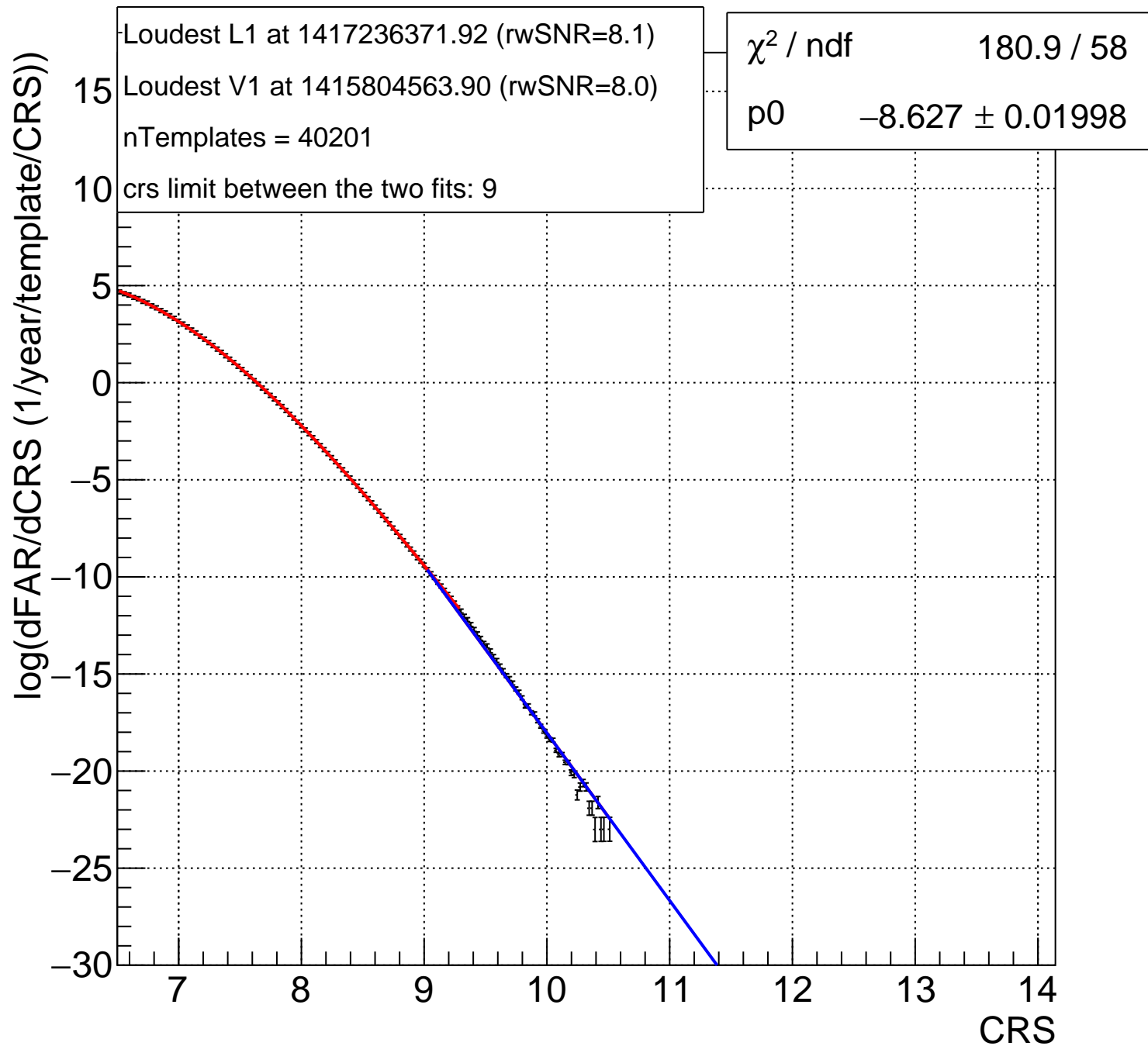
Bin:50 1.217<mChirp<1.277 and 0.3333<m2/m1<0.6667, no 1 band



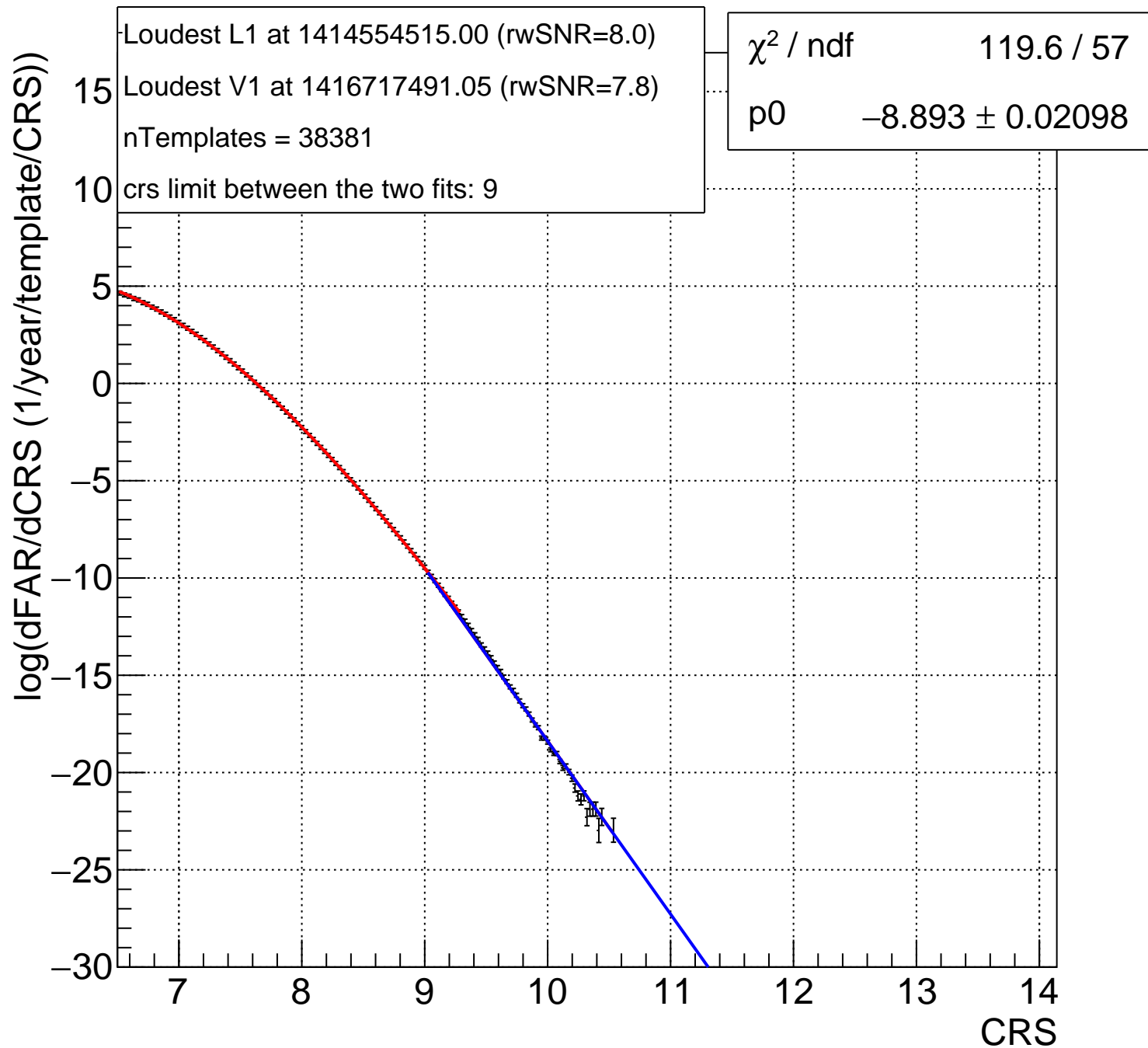
Bin:51 1.277<mChirp<1.341 and 0.3333<m2/m1<0.6667, no 1 band



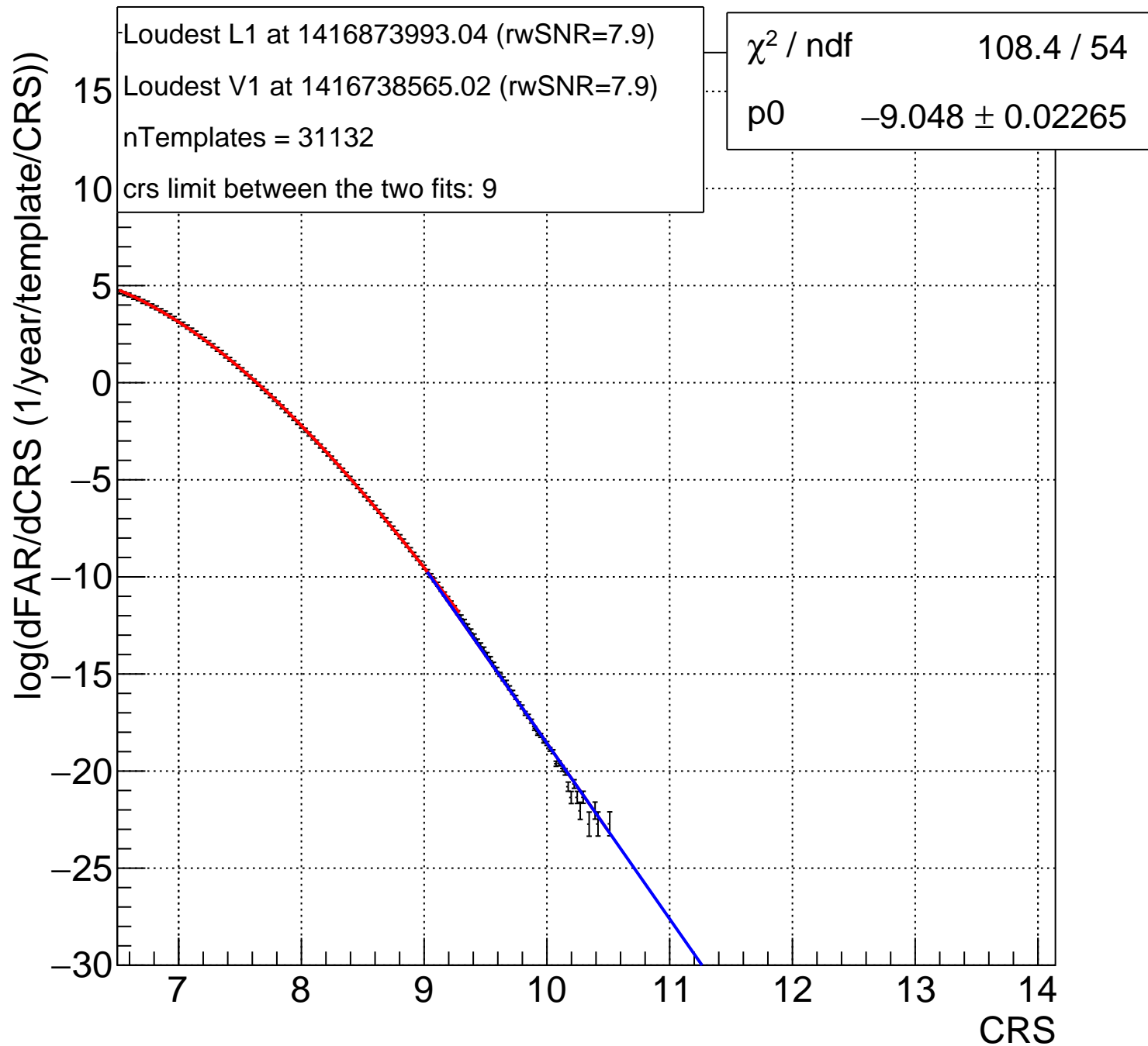
Bin:52 1.341<mChirp<1.408 and 0.3333<m2/m1<0.6667, no 1 band



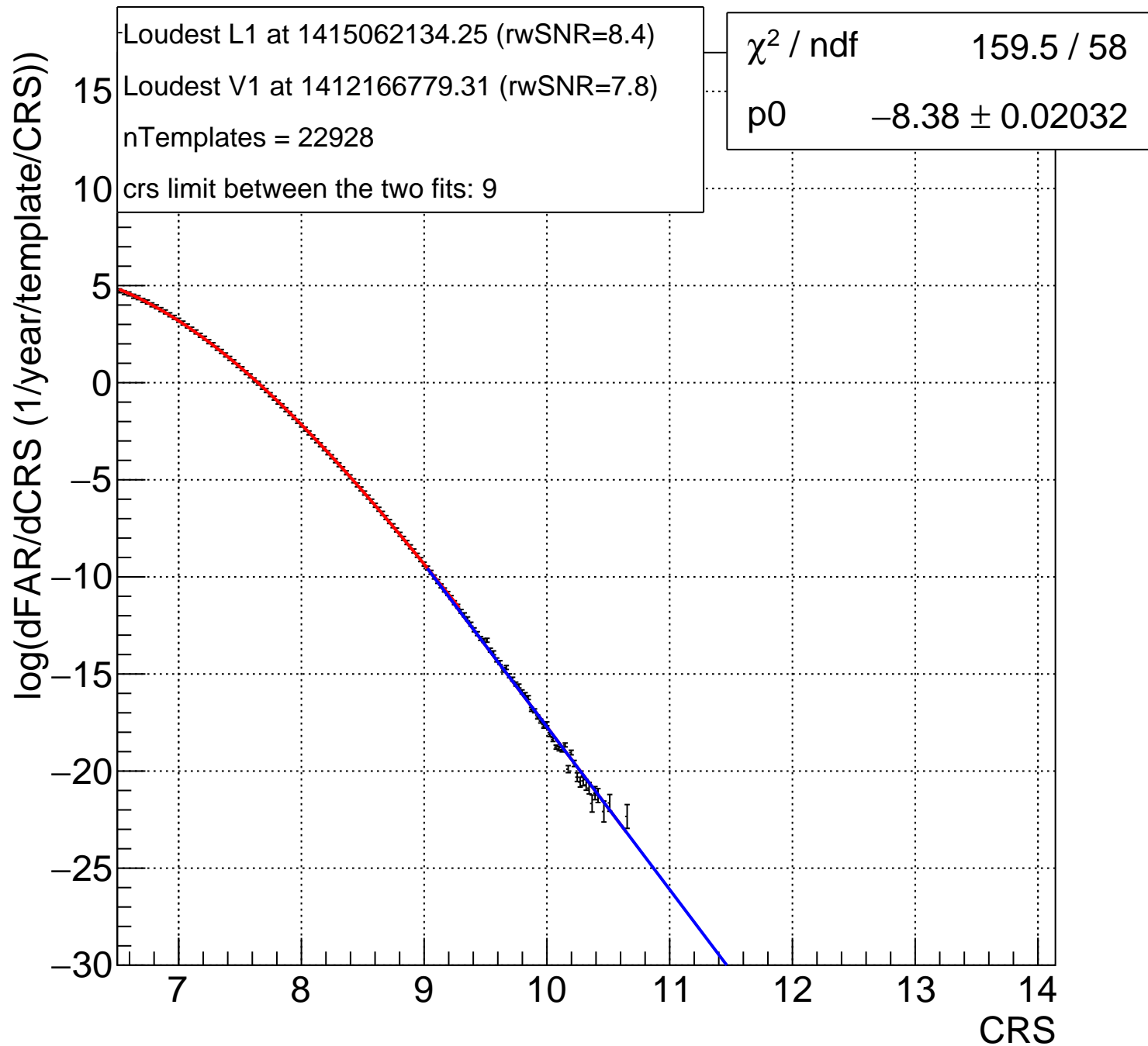
Bin:53 1.408<mChirp<1.478 and 0.3333<m2/m1<0.6667, no 1 band



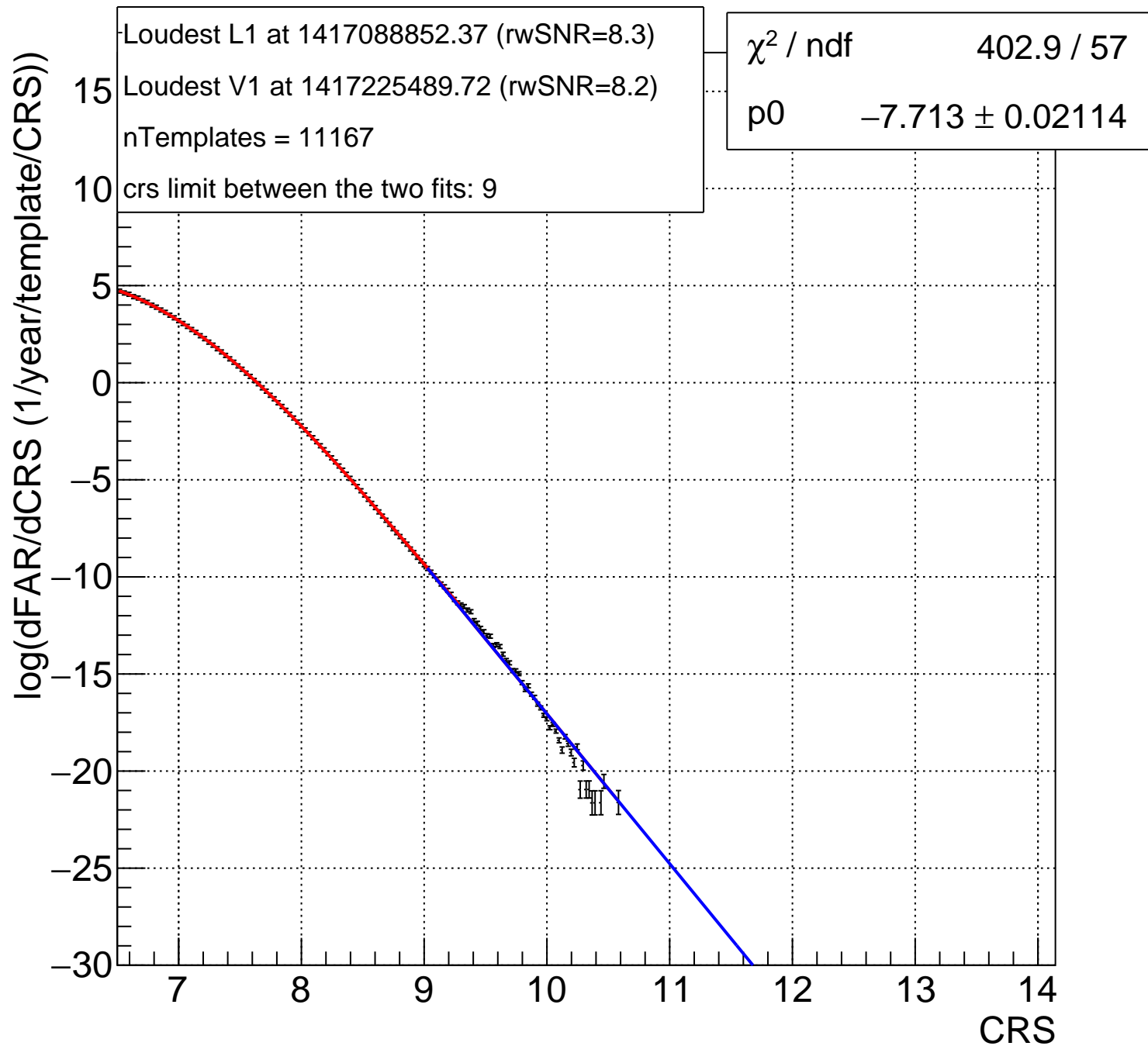
Bin:54 1.478<mChirp<1.551 and 0.3333<m2/m1<0.6667, no 1 band



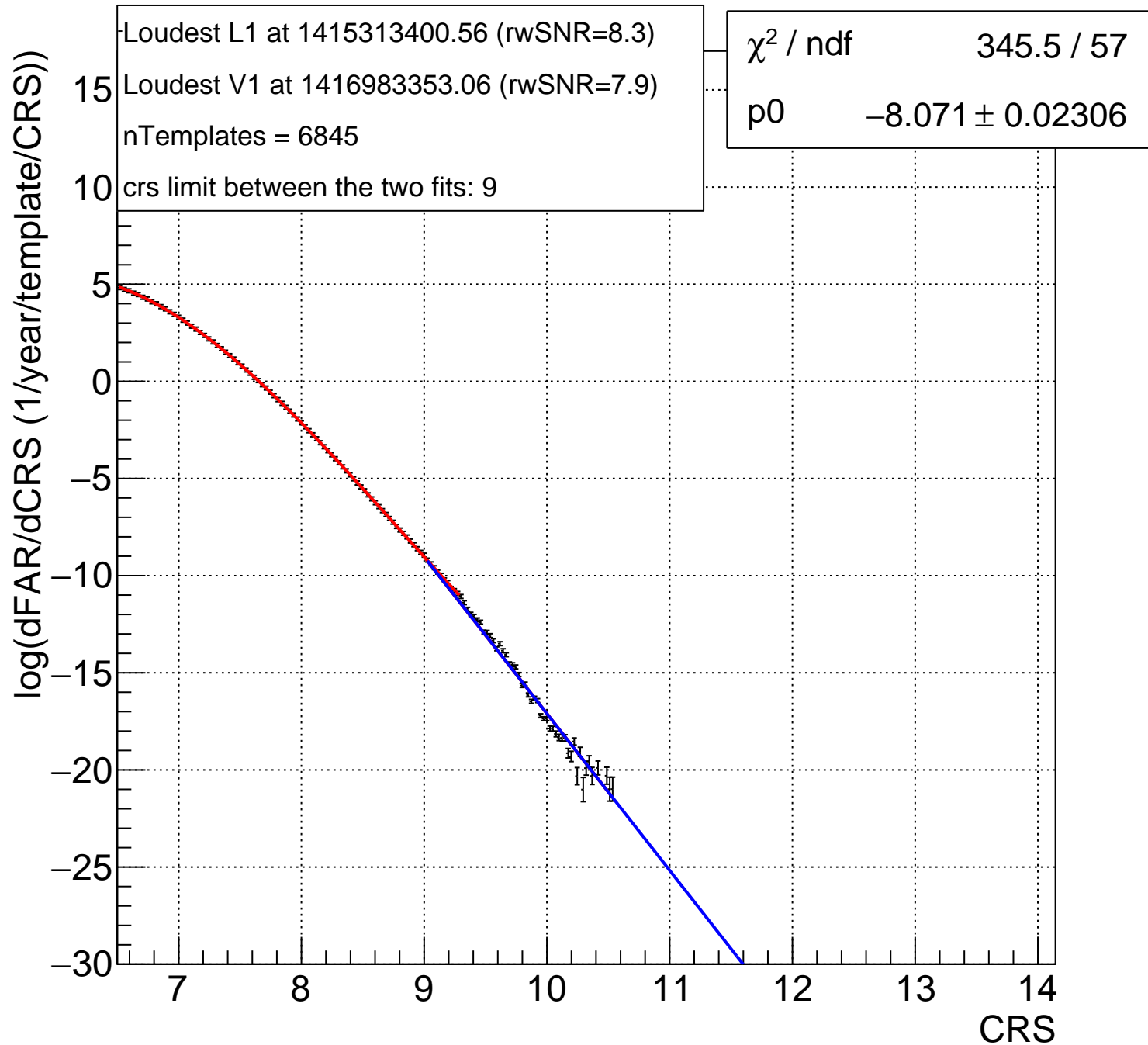
Bin:55 1.551<mChirp<1.629 and 0.3333<m2/m1<0.6667, no 1 band



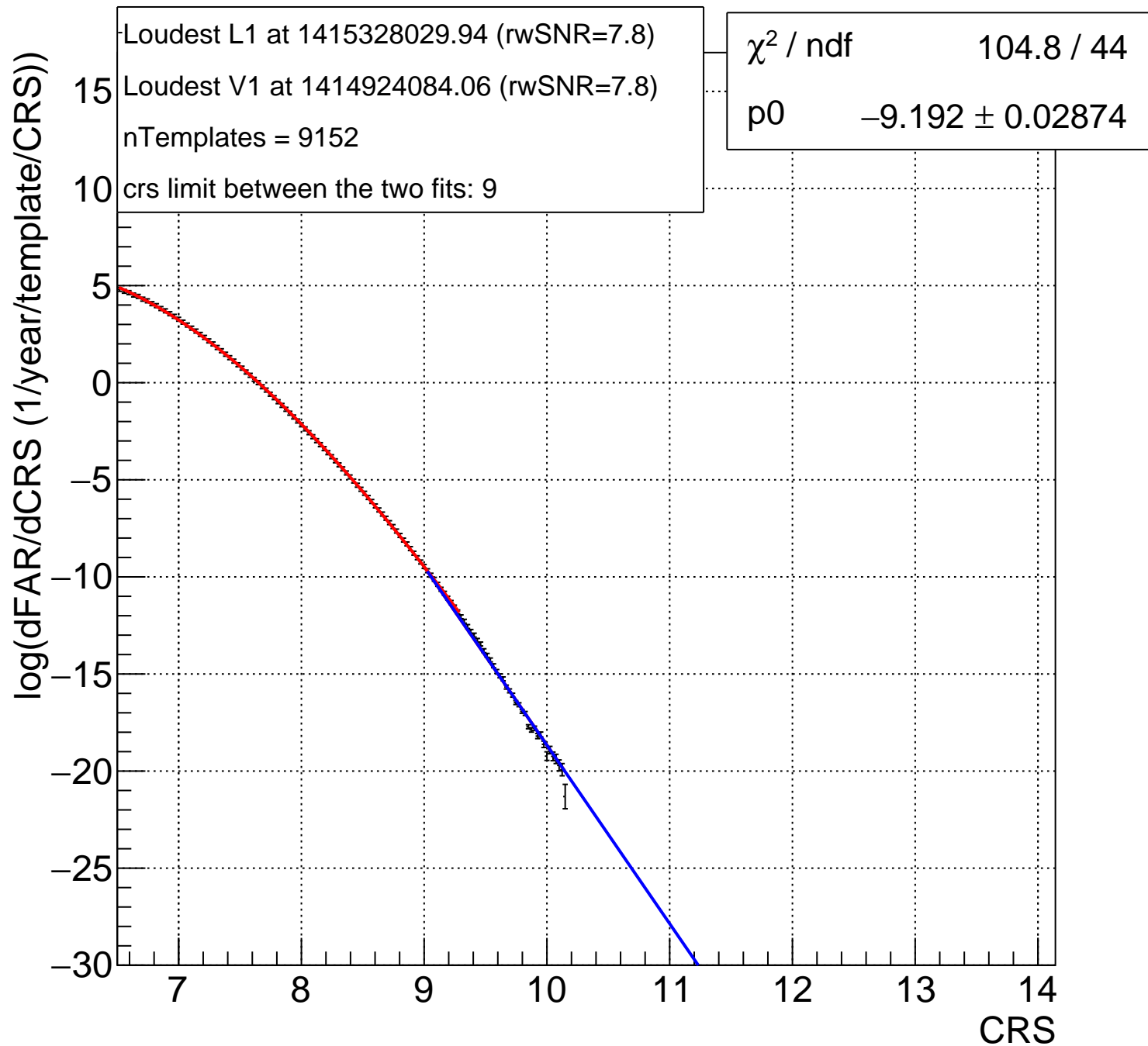
Bin:56 1.629<mChirp<1.71 and 0.3333<m2/m1<0.6667, no 1 band



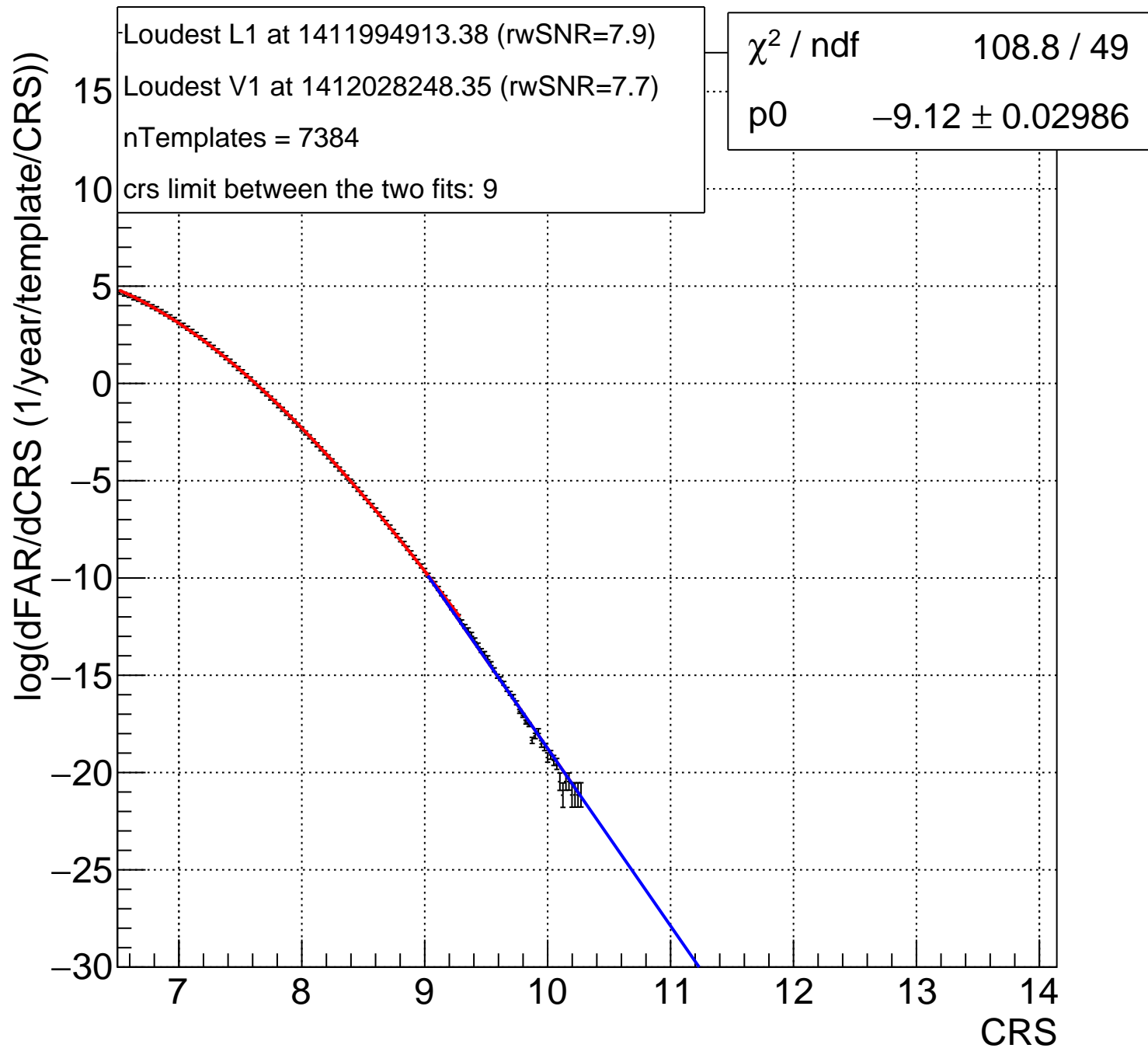
Bin:57 1.71<mChirp<1.795 and 0.3333<m2/m1<0.6667, no 1 band



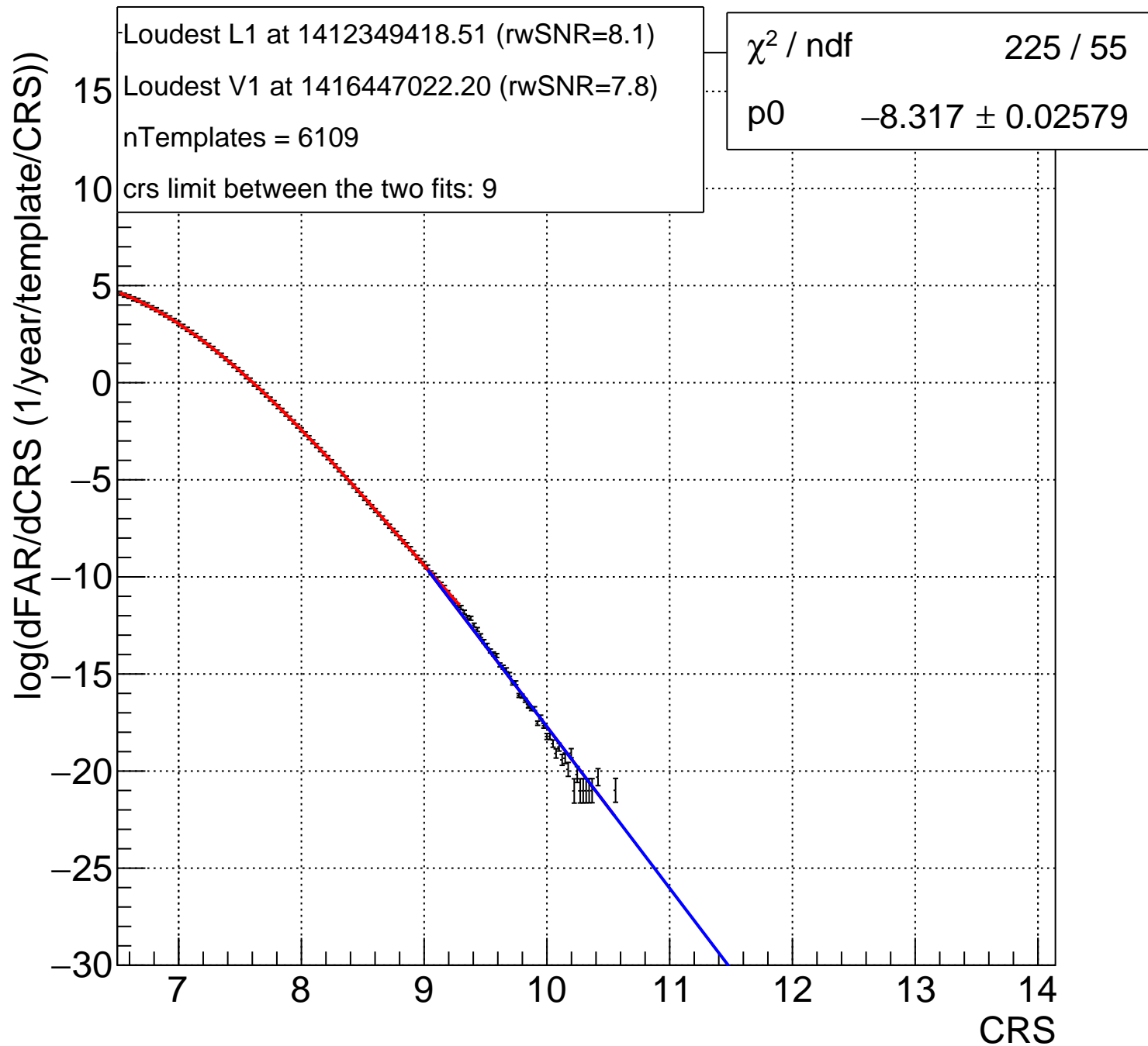
Bin:58 1.795<mChirp<1.884 and 0.3333<m2/m1<0.6667, no 1 band



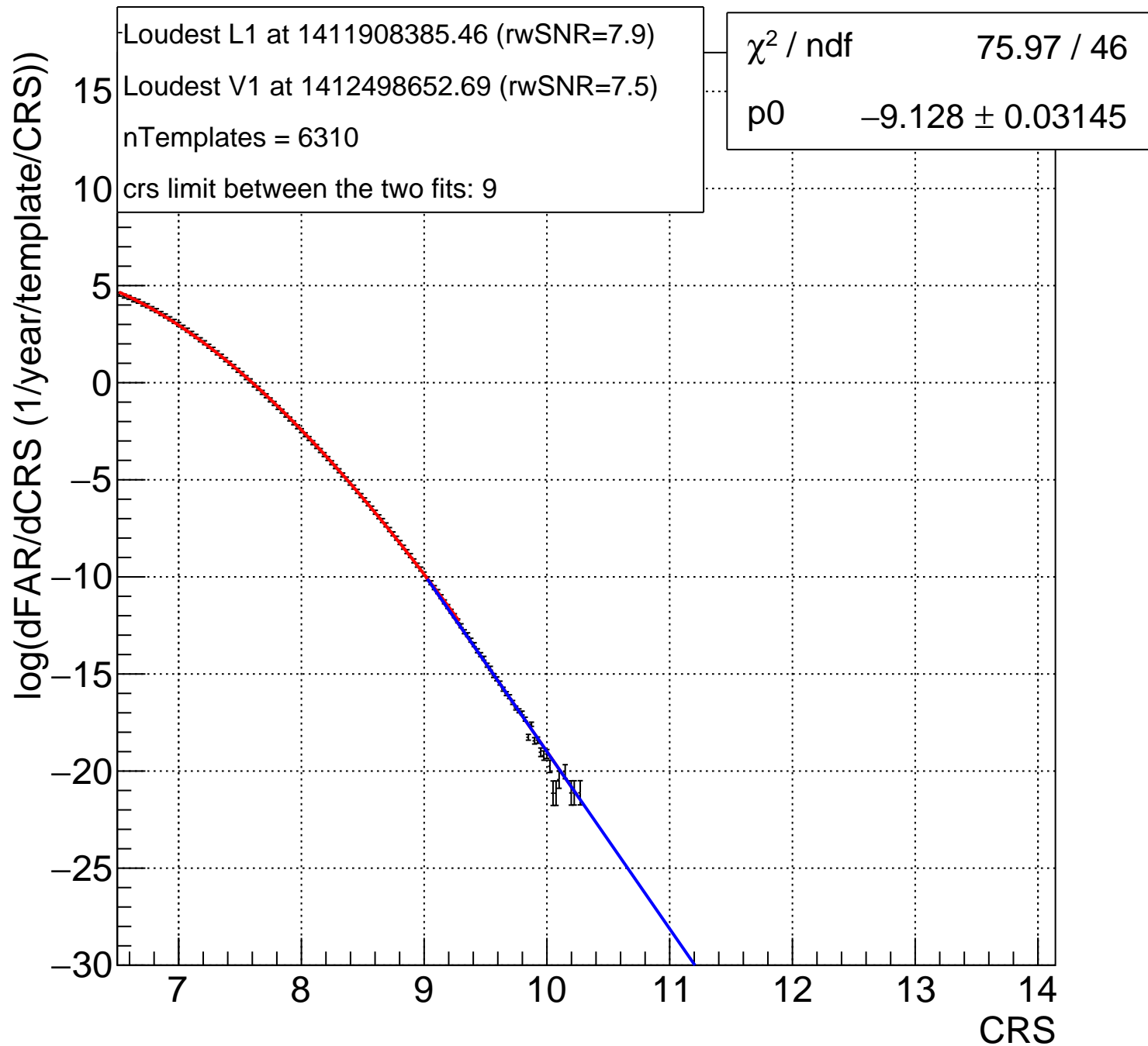
Bin:59 1.884<mChirp<1.978 and 0.3333<m2/m1<0.6667, no 1 band



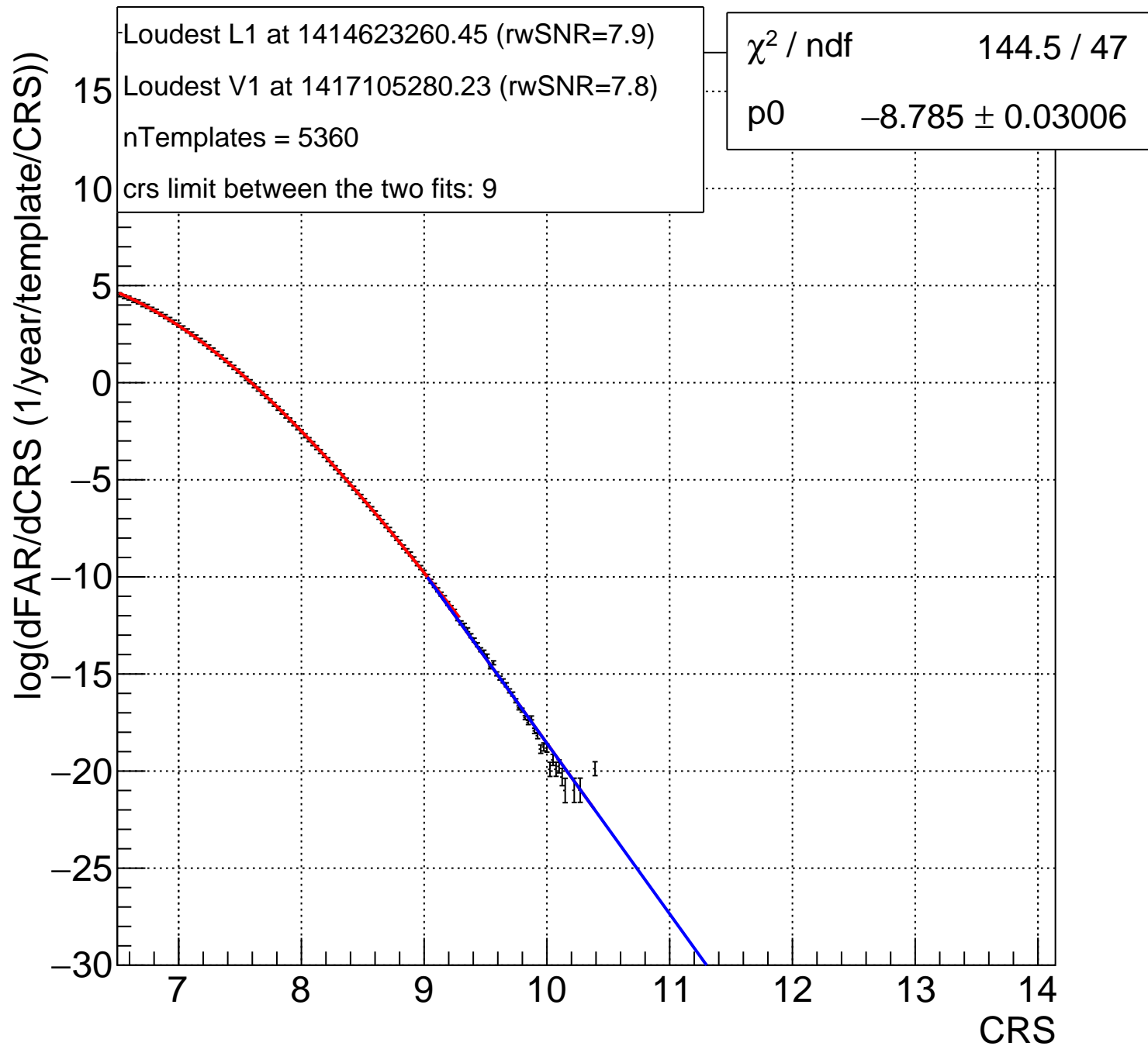
Bin:60 1.978<mChirp<2.077 and 0.3333<m2/m1<0.6667, no 1 band



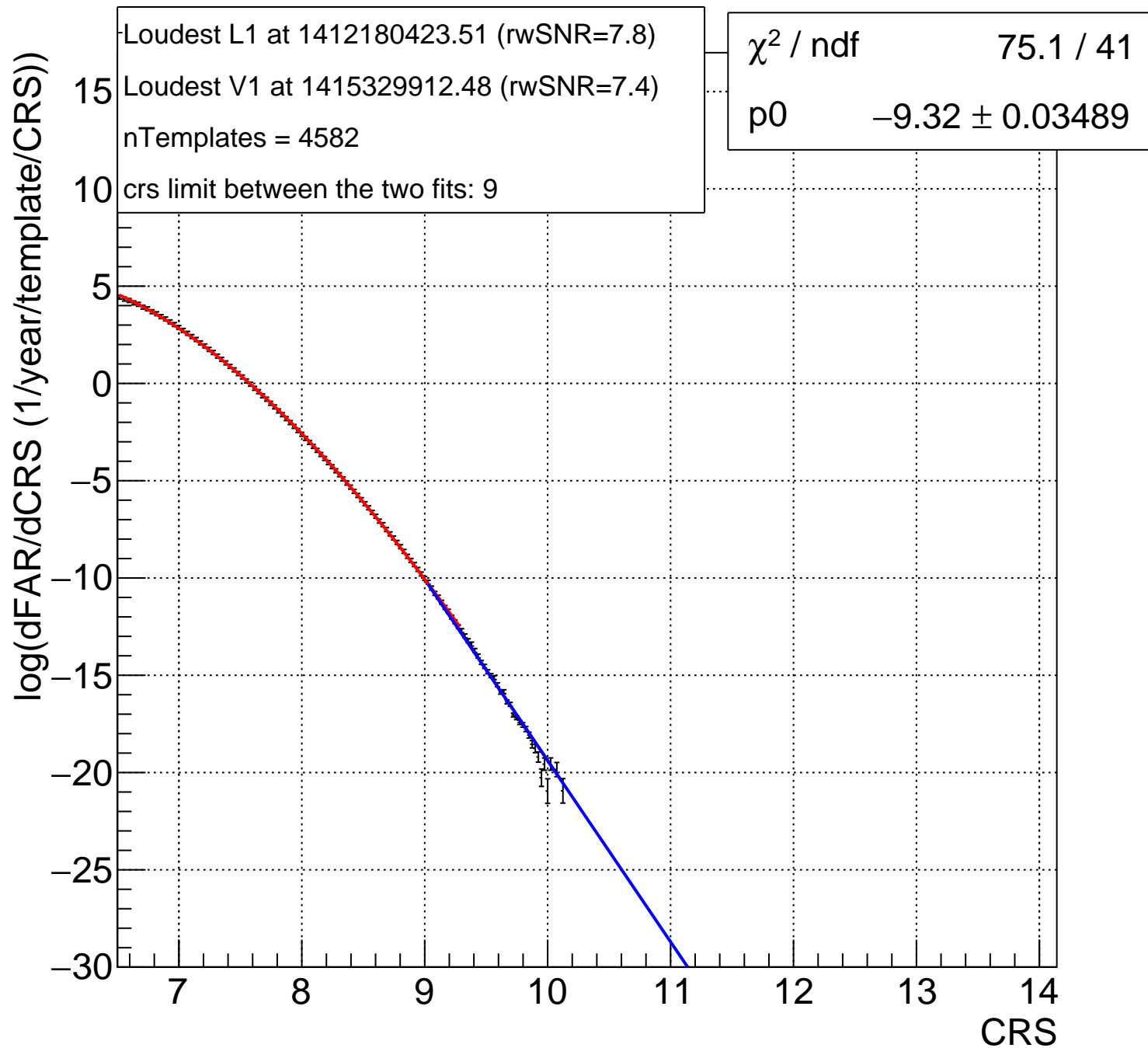
Bin:61 2.077<mChirp<2.18 and 0.3333<m2/m1<0.6667, no 1 band



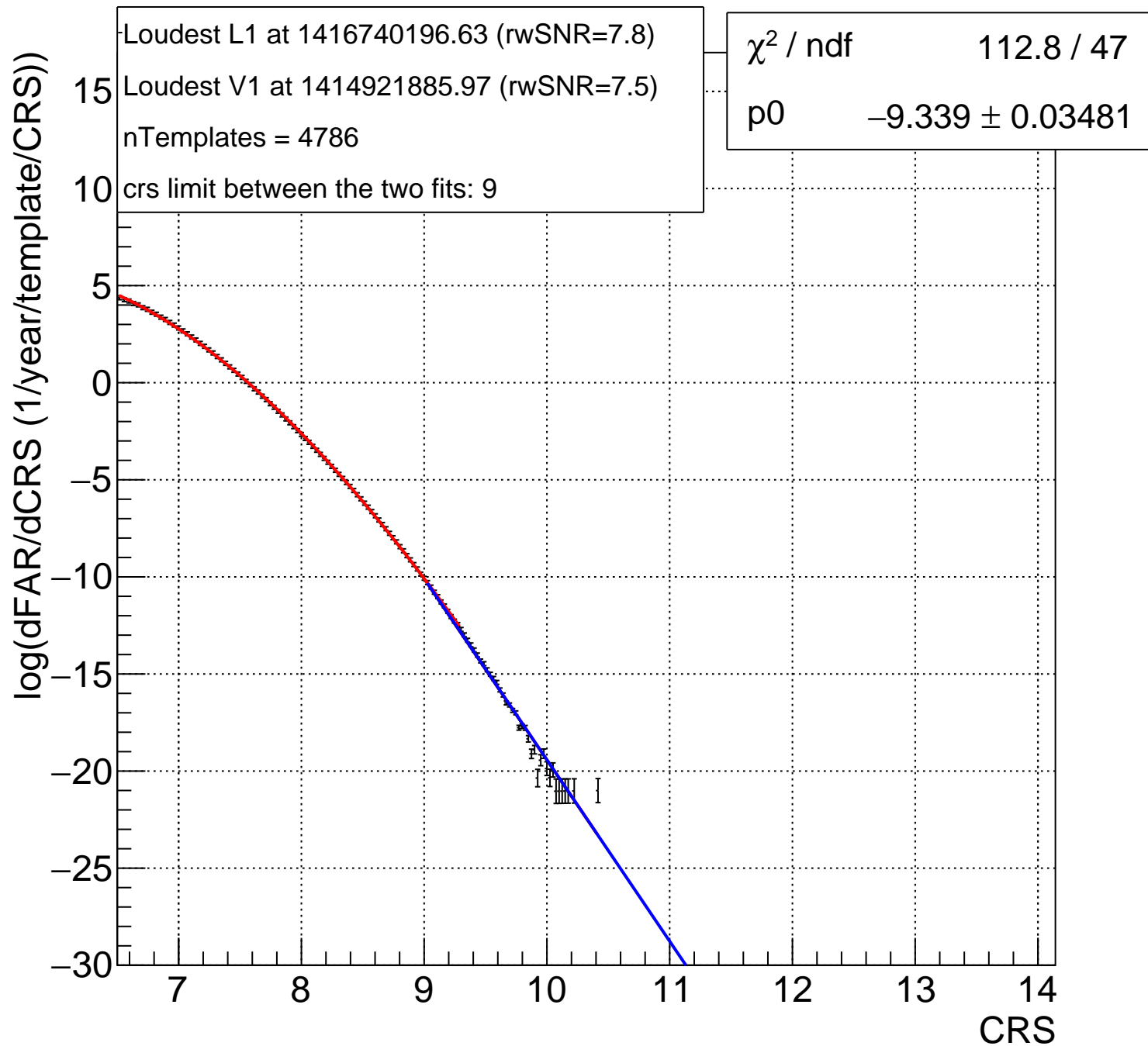
Bin:62 2.18<mChirp<2.289 and 0.3333<m2/m1<0.6667, no 1 band



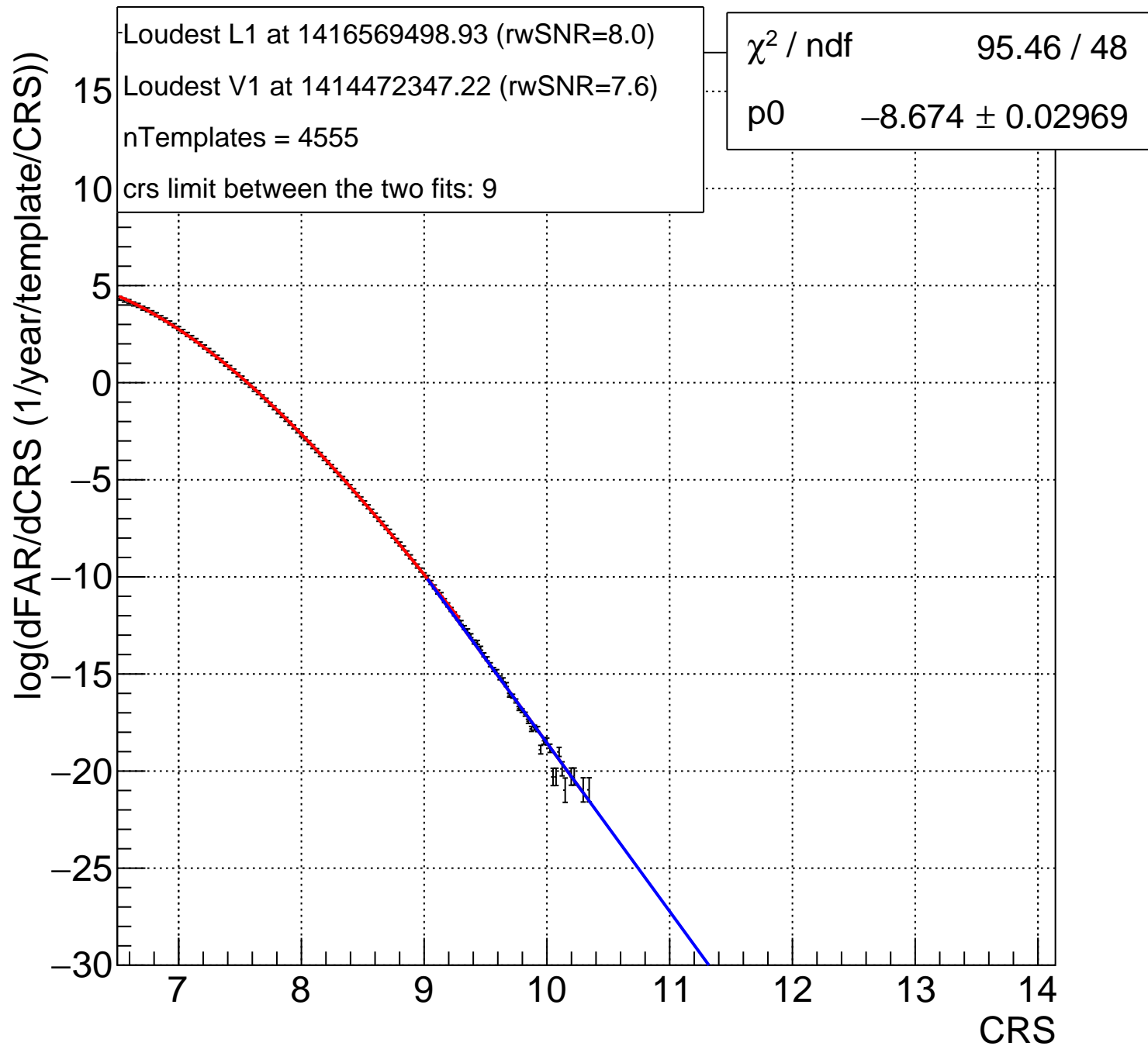
Bin:63 2.289<mChirp<2.403 and 0.3333<m2/m1<0.6667, no 1 band



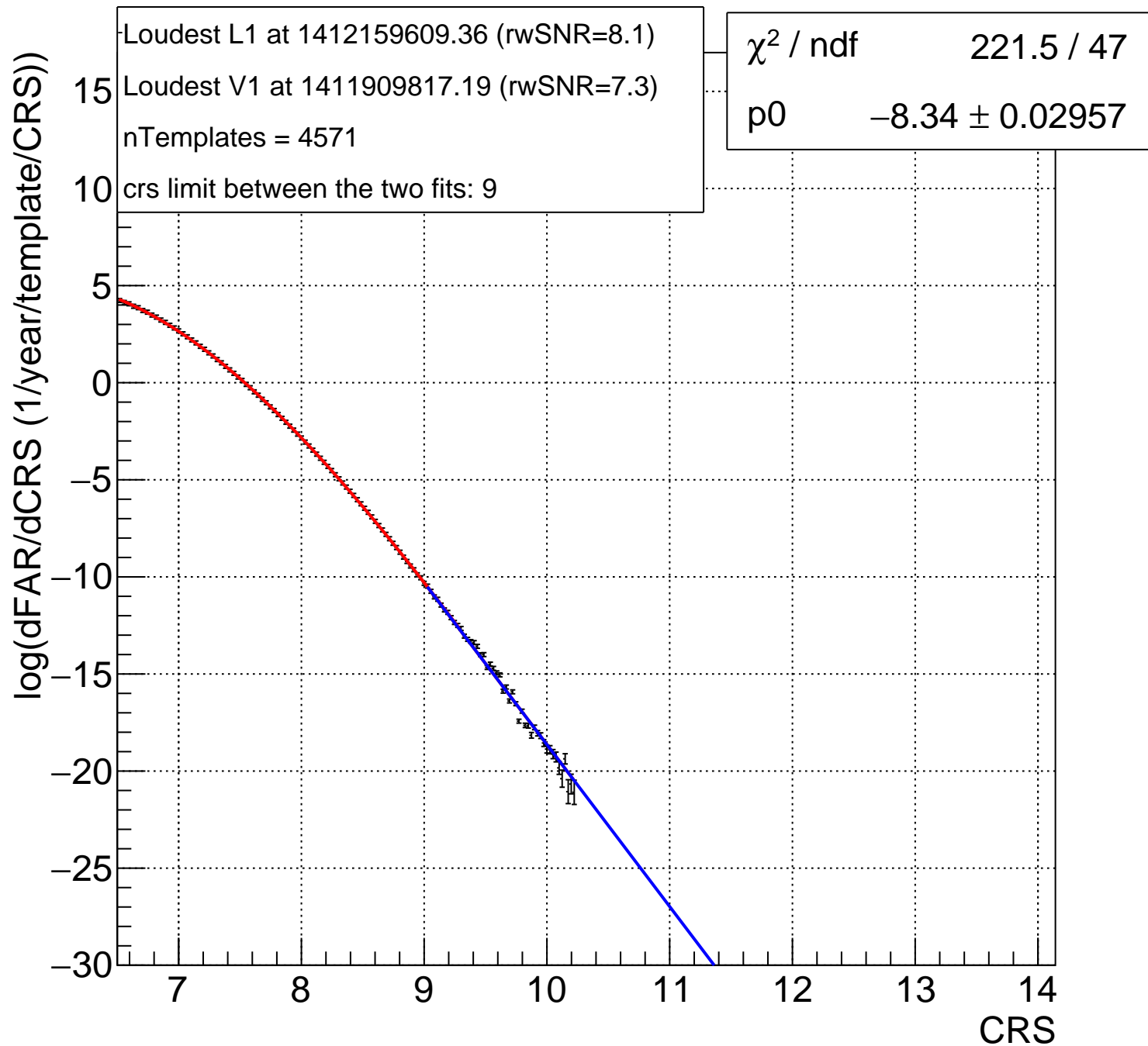
Bin:64 2.403<mChirp<2.522 and 0.3333<m2/m1<0.6667, no 1 band



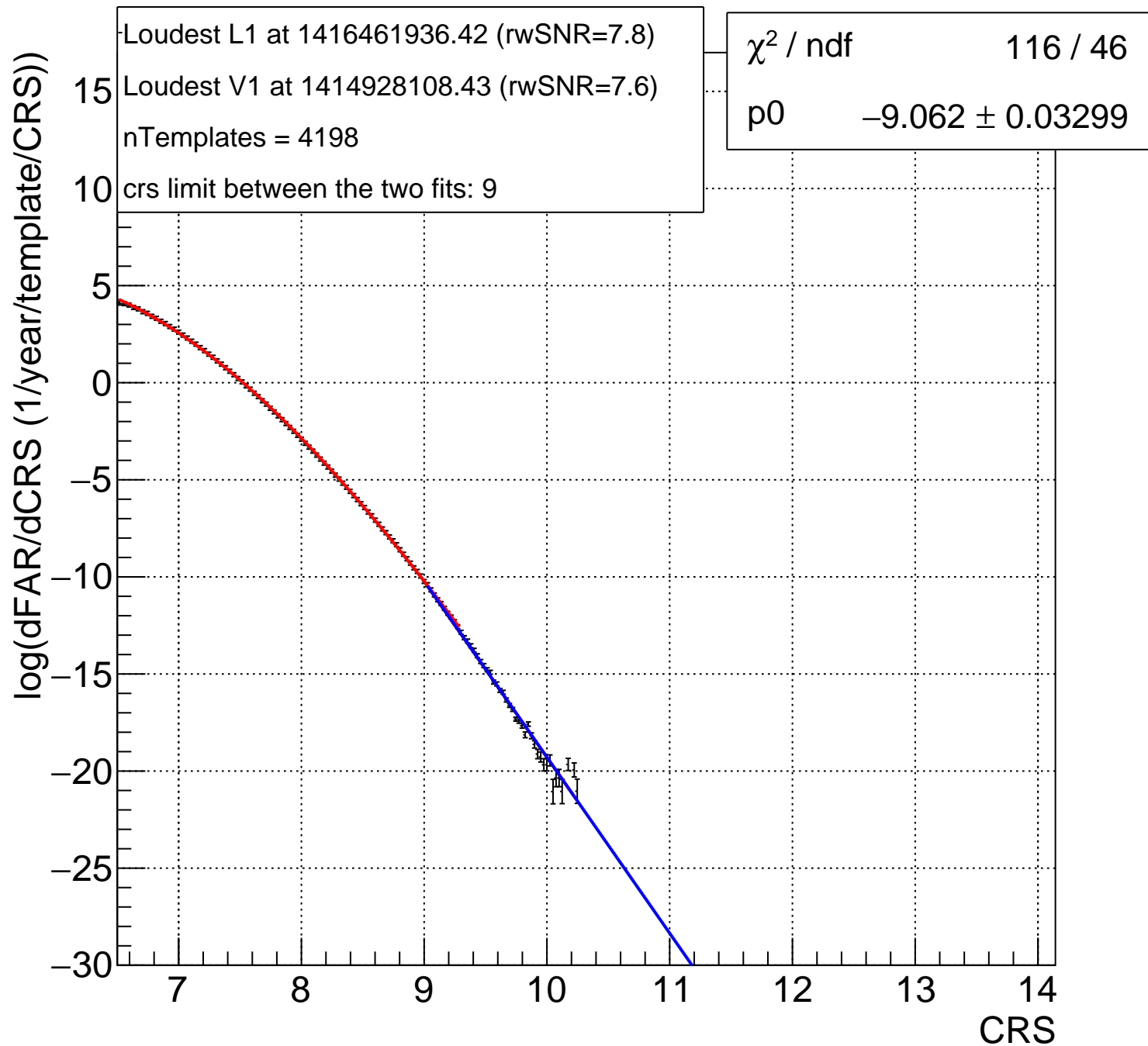
Bin:65 2.522<mChirp<2.648 and 0.3333<m2/m1<0.6667, no 1 band



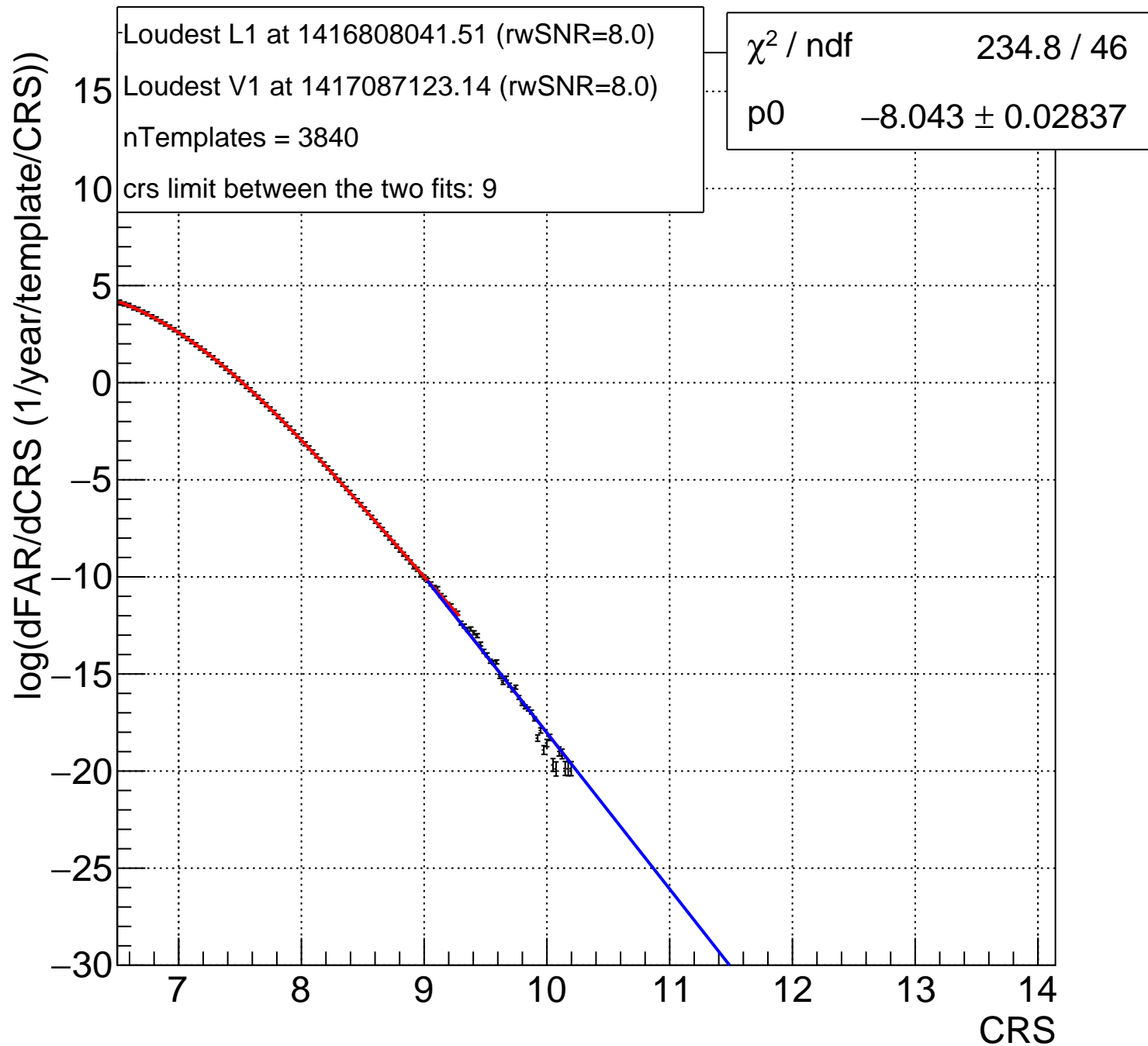
Bin:66 2.648<mChirp<2.78 and 0.3333<m2/m1<0.6667, no 1 band



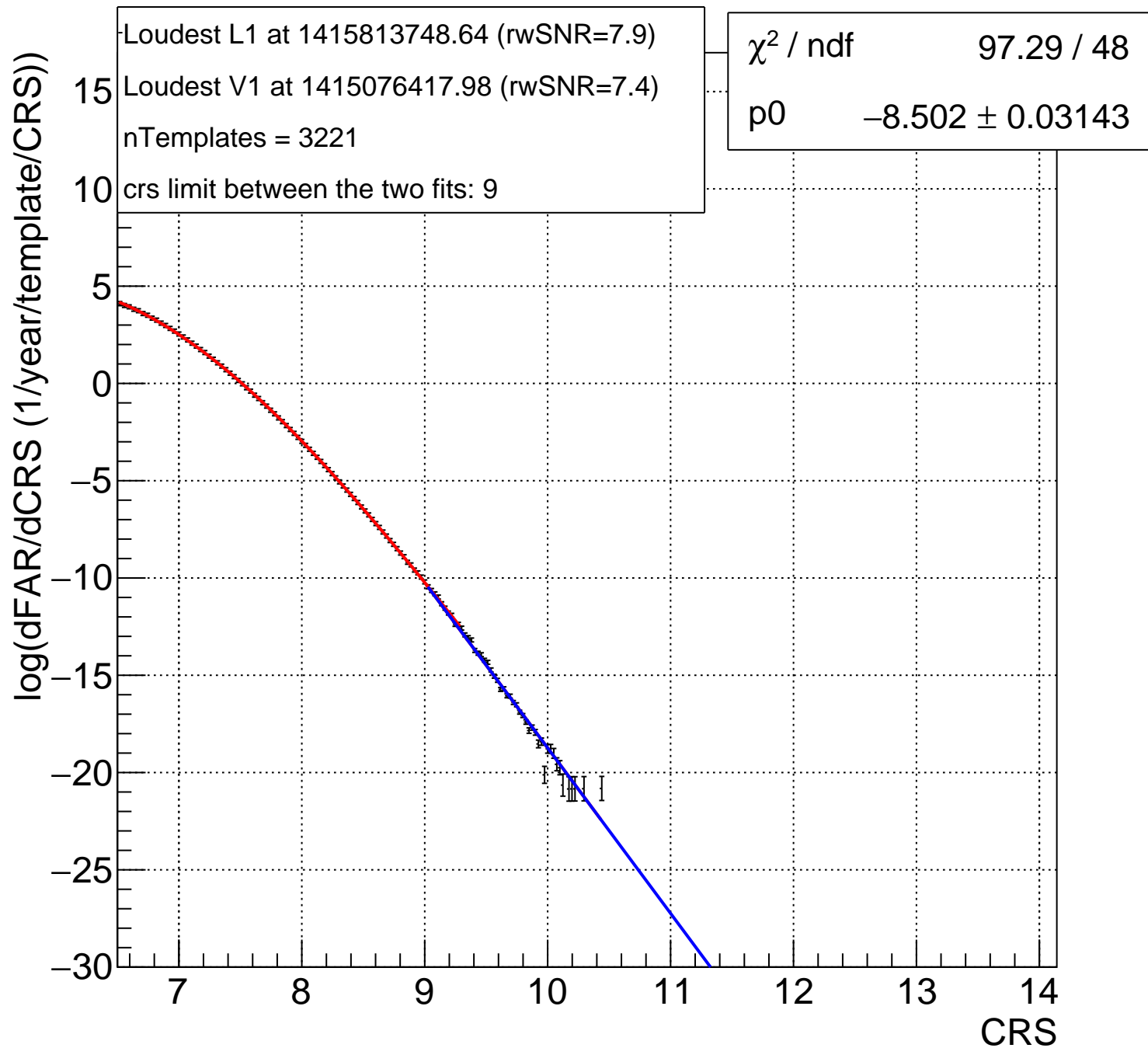
Bin:67 2.78<mChirp<2.918 and 0.3333<m2/m1<0.6667, no 1 band



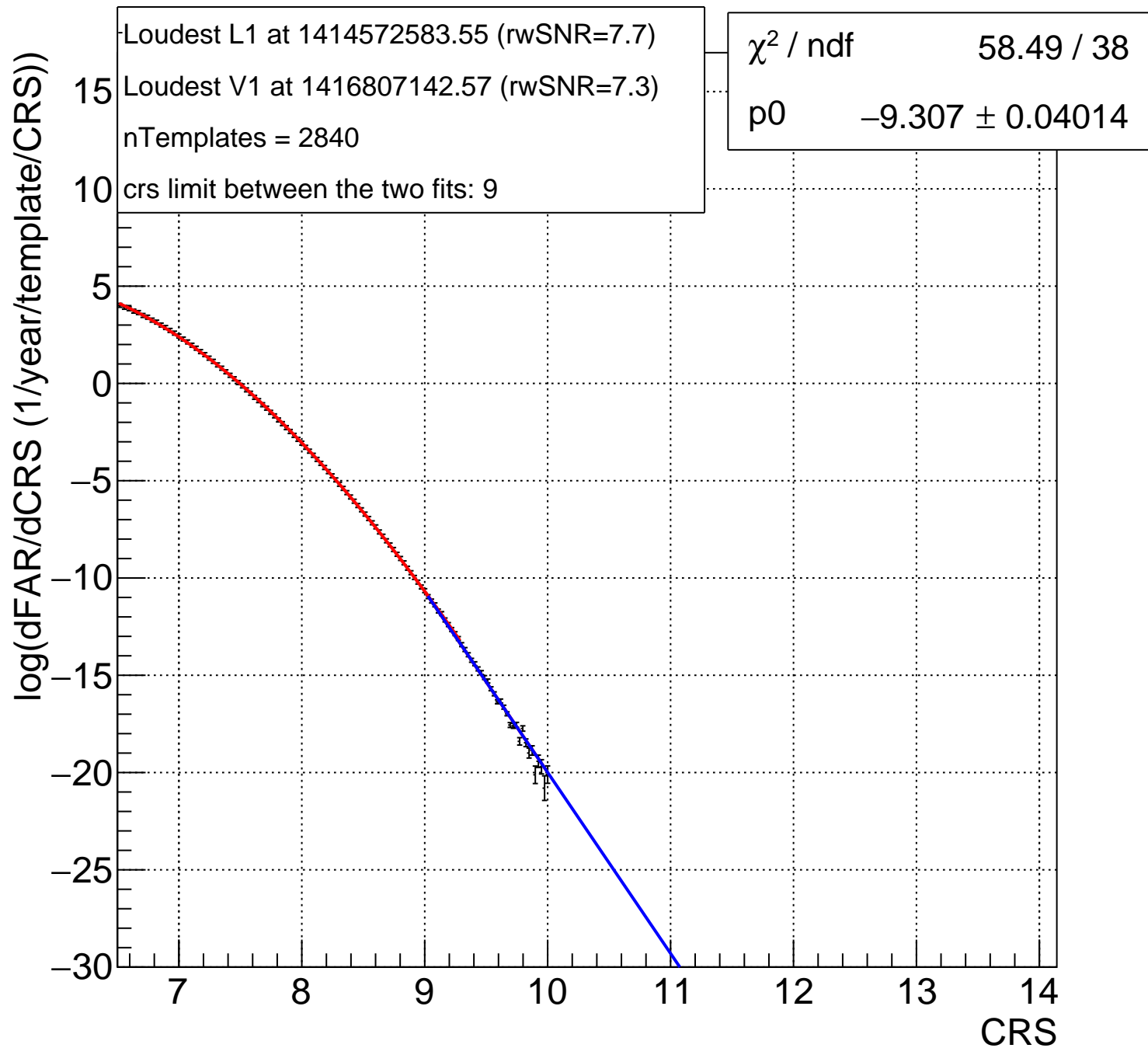
Bin:68 2.918<mChirp<3.064 and 0.3333<m2/m1<0.6667, no 1 band



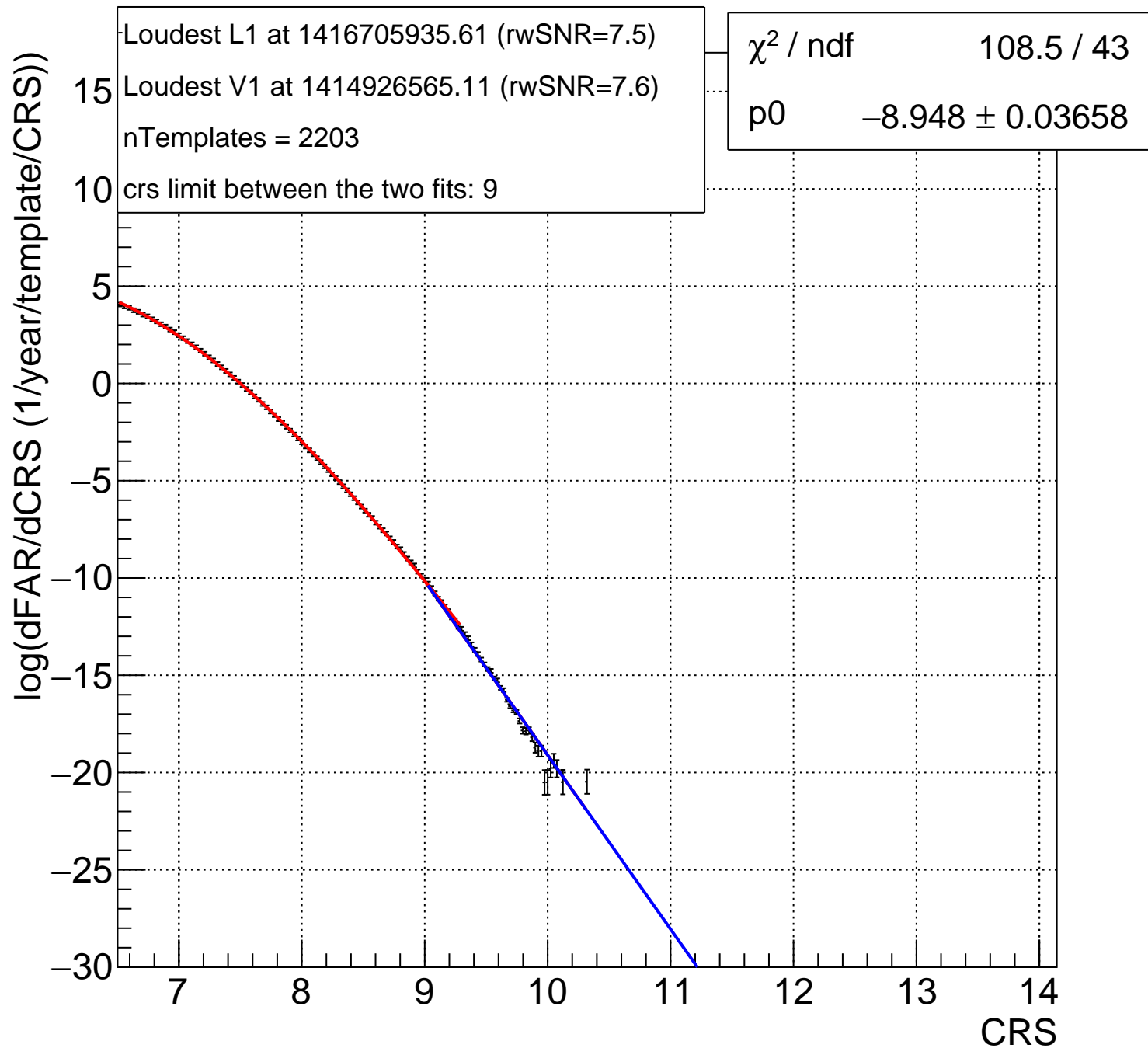
Bin:69 3.064<mChirp<3.216 and 0.3333<m2/m1<0.6667, no 1 band



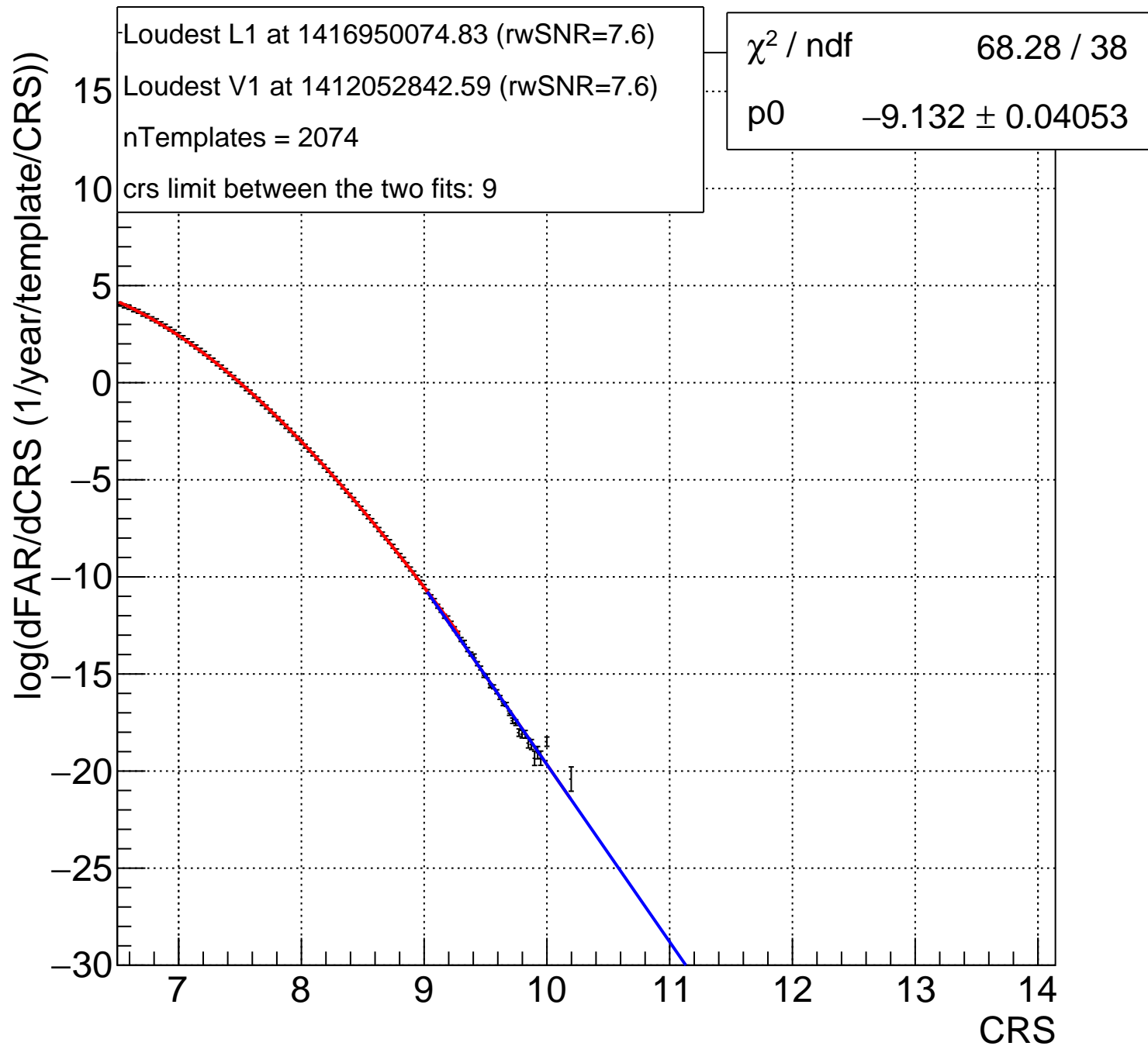
Bin:70 3.216<mChirp<3.376 and 0.3333<m2/m1<0.6667, no 1 band



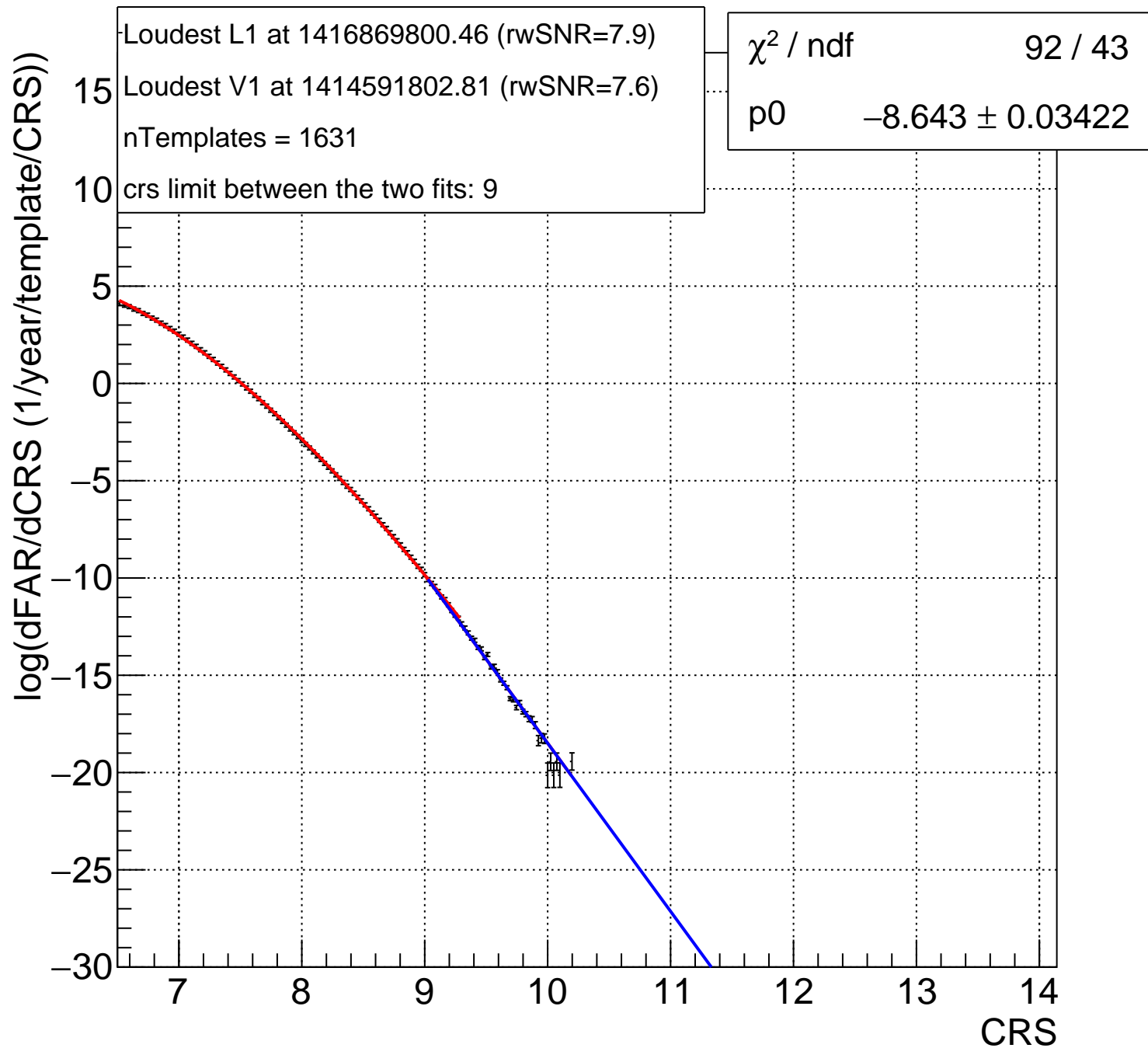
Bin:71 3.376<mChirp<3.545 and 0.3333<m2/m1<0.6667, no 1 band



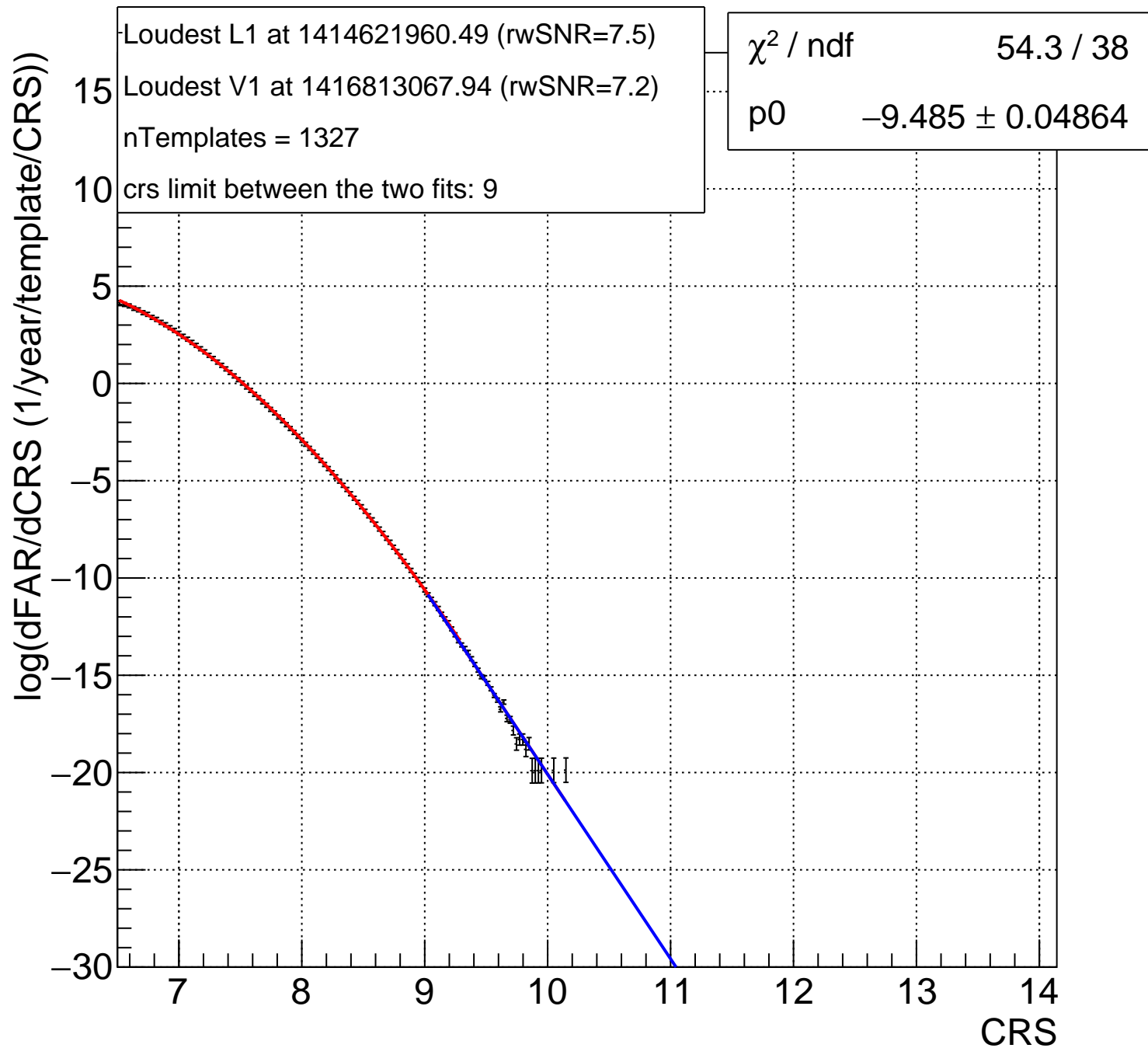
Bin:72 3.545<mChirp<3.721 and 0.3333<m2/m1<0.6667, no 1 band



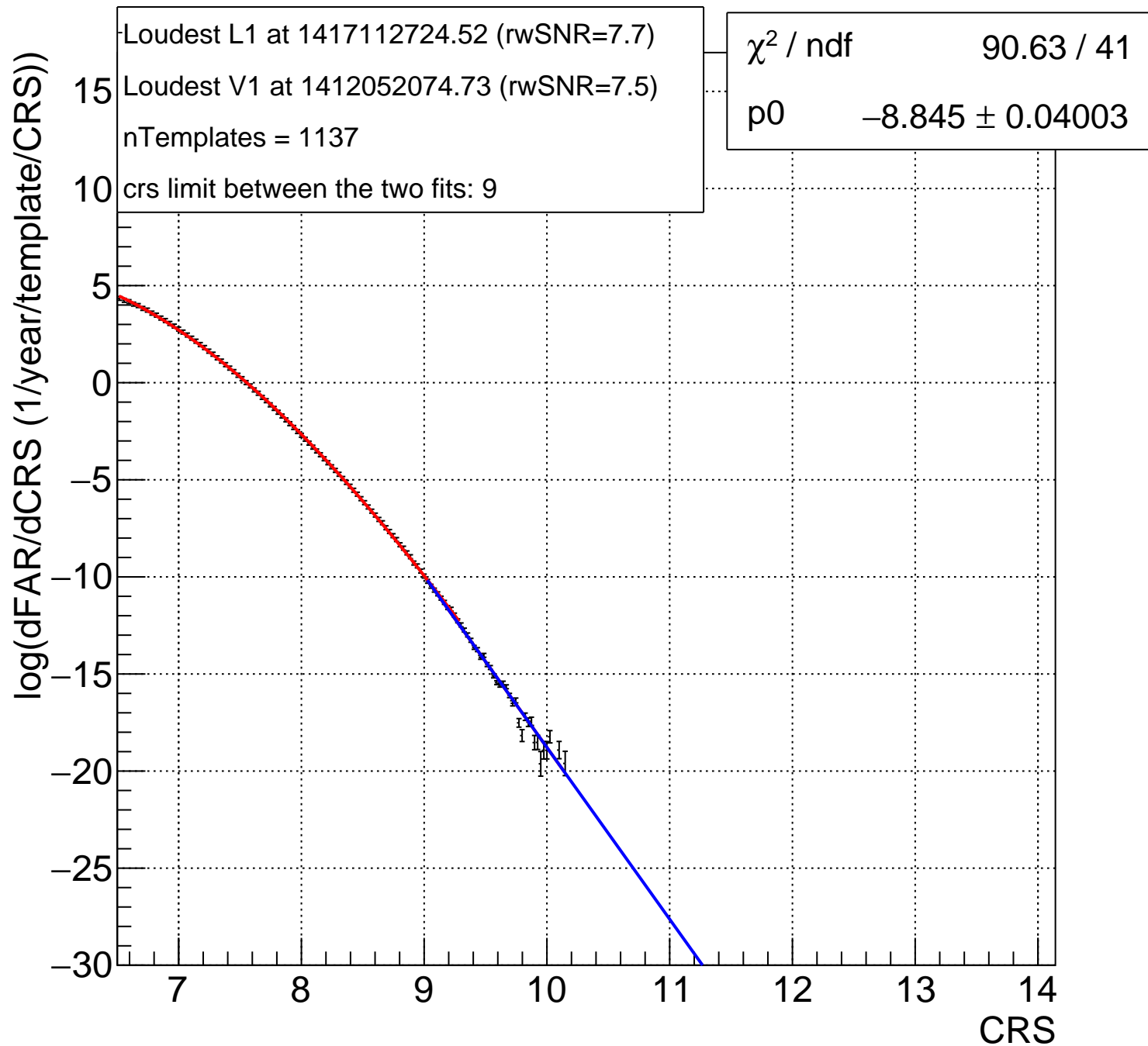
Bin:73 3.721<mChirp<3.907 and 0.3333<m2/m1<0.6667, no 1 band



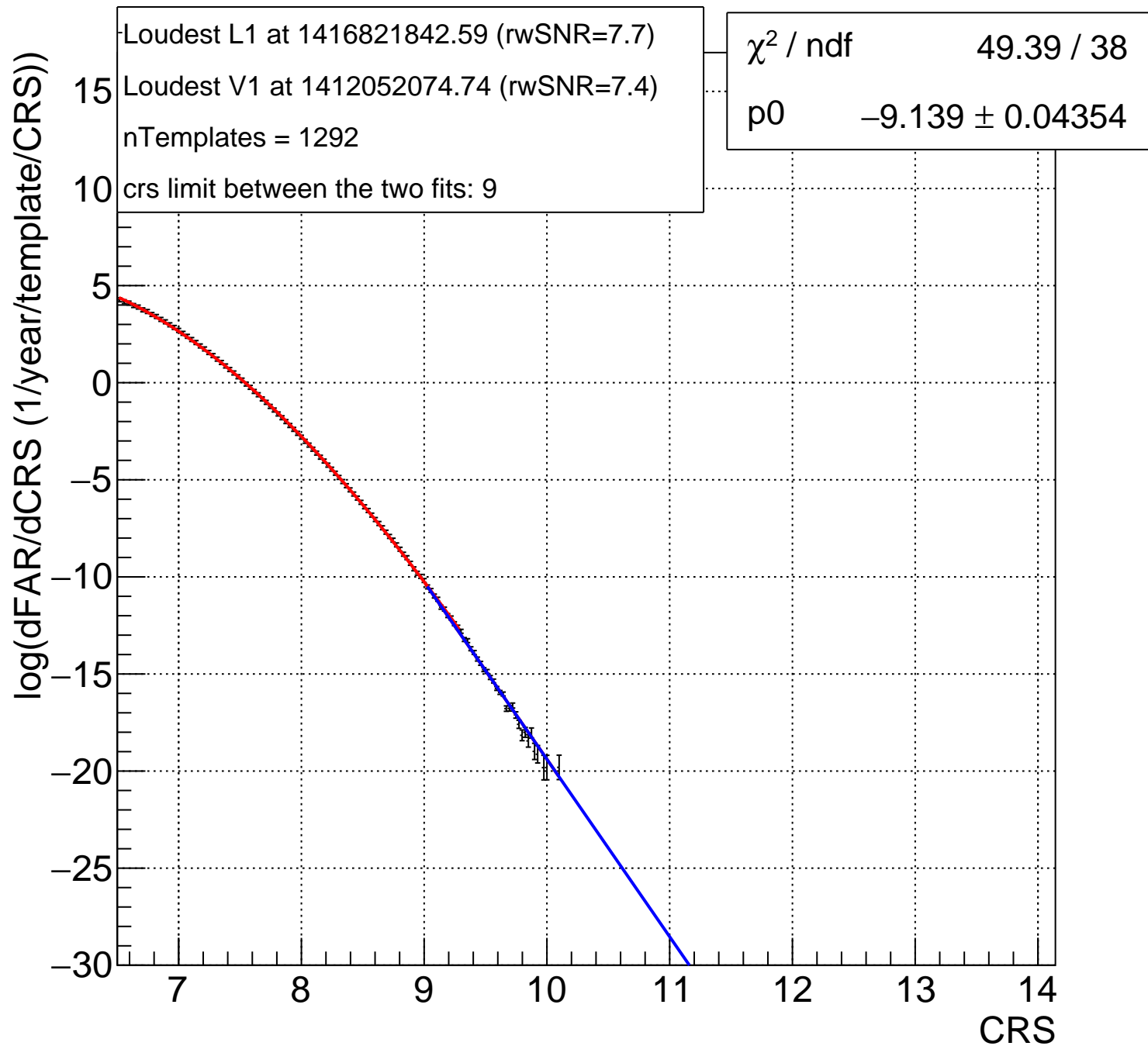
Bin:74 3.907<mChirp<4.101 and 0.3333<m2/m1<0.6667, no 1 band



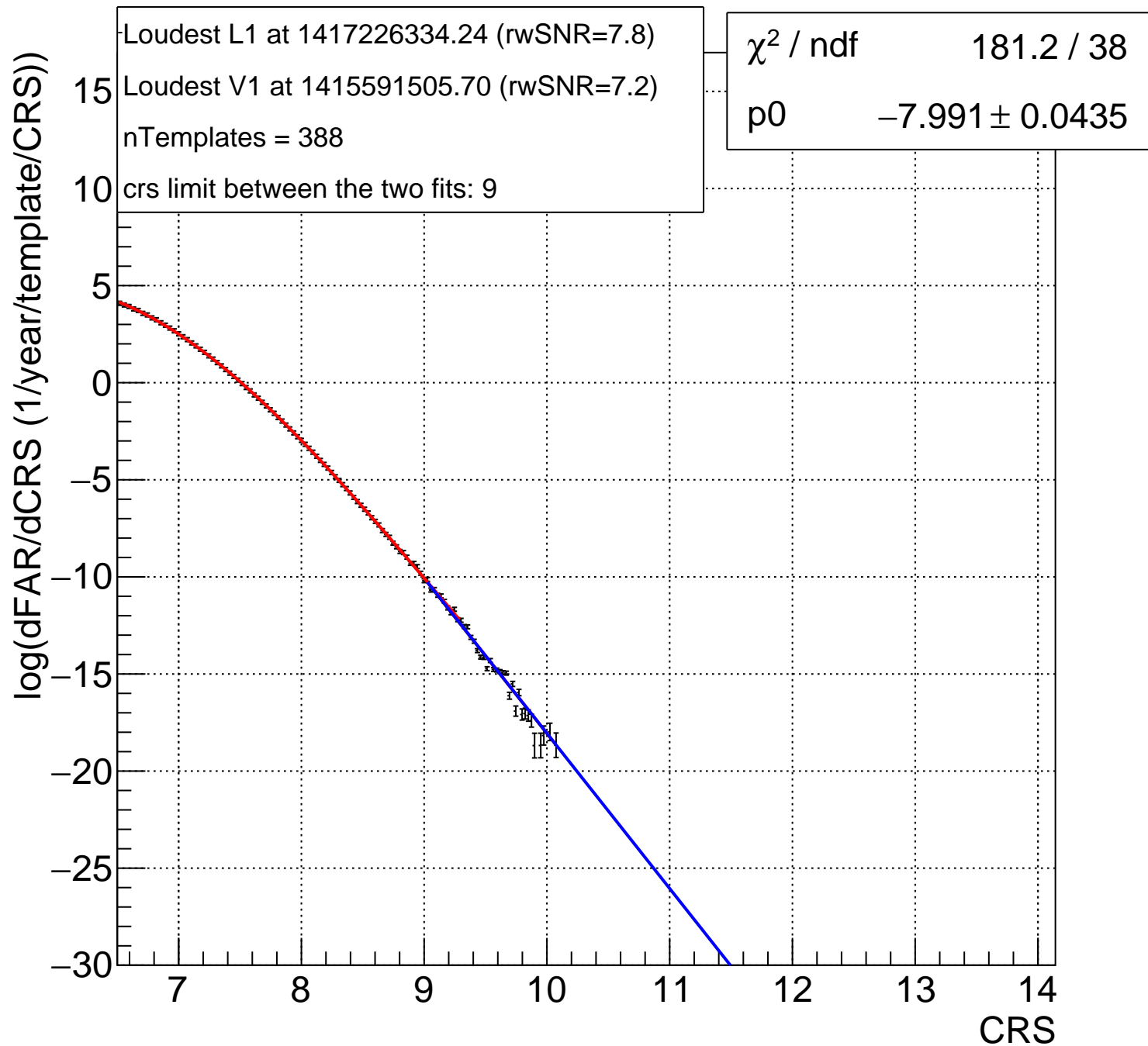
Bin:75 4.101<mChirp<4.305 and 0.3333<m2/m1<0.6667, no 1 band



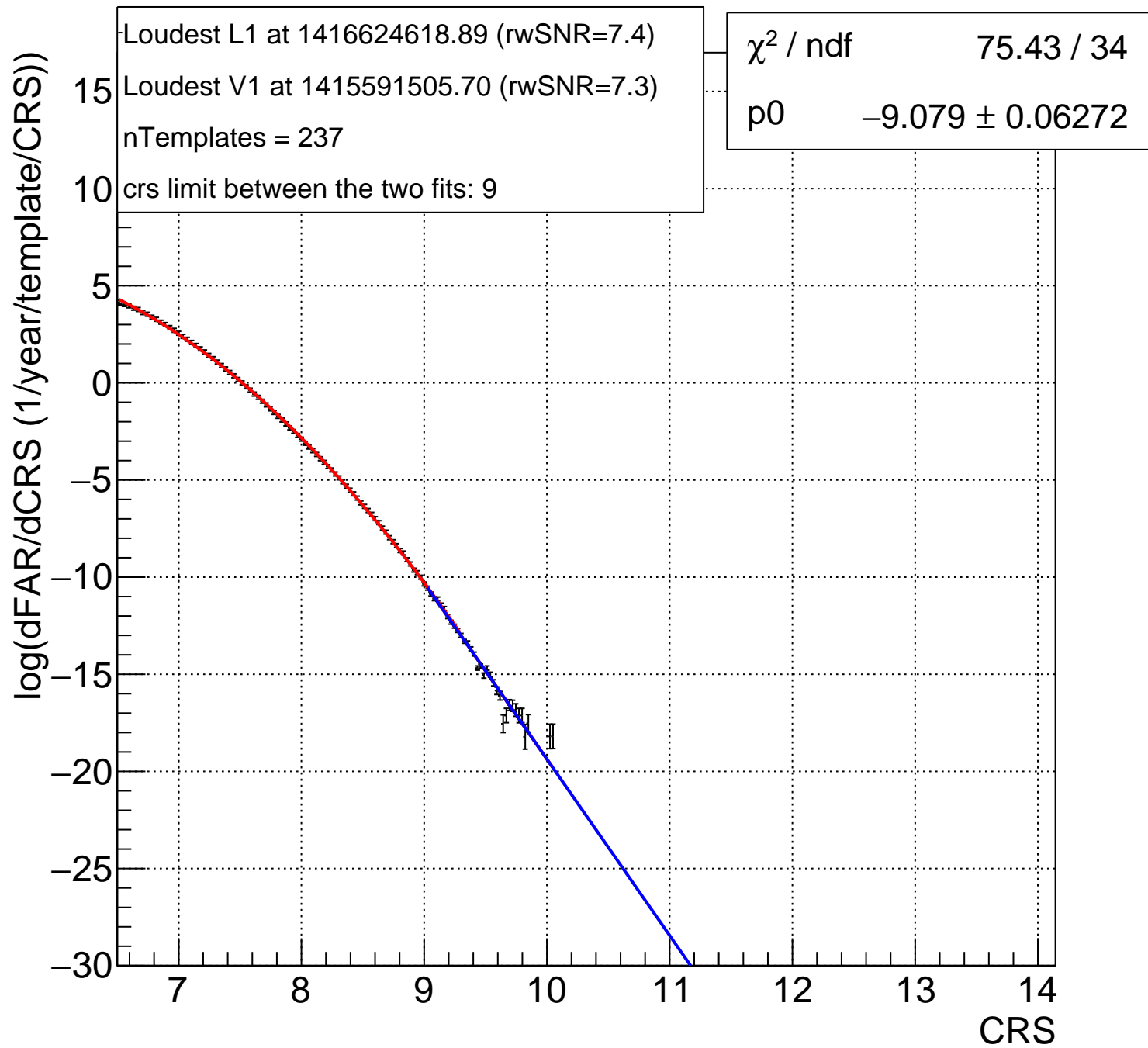
Bin:76 4.305<mChirp<4.52 and 0.3333<m2/m1<0.6667, no 1 band



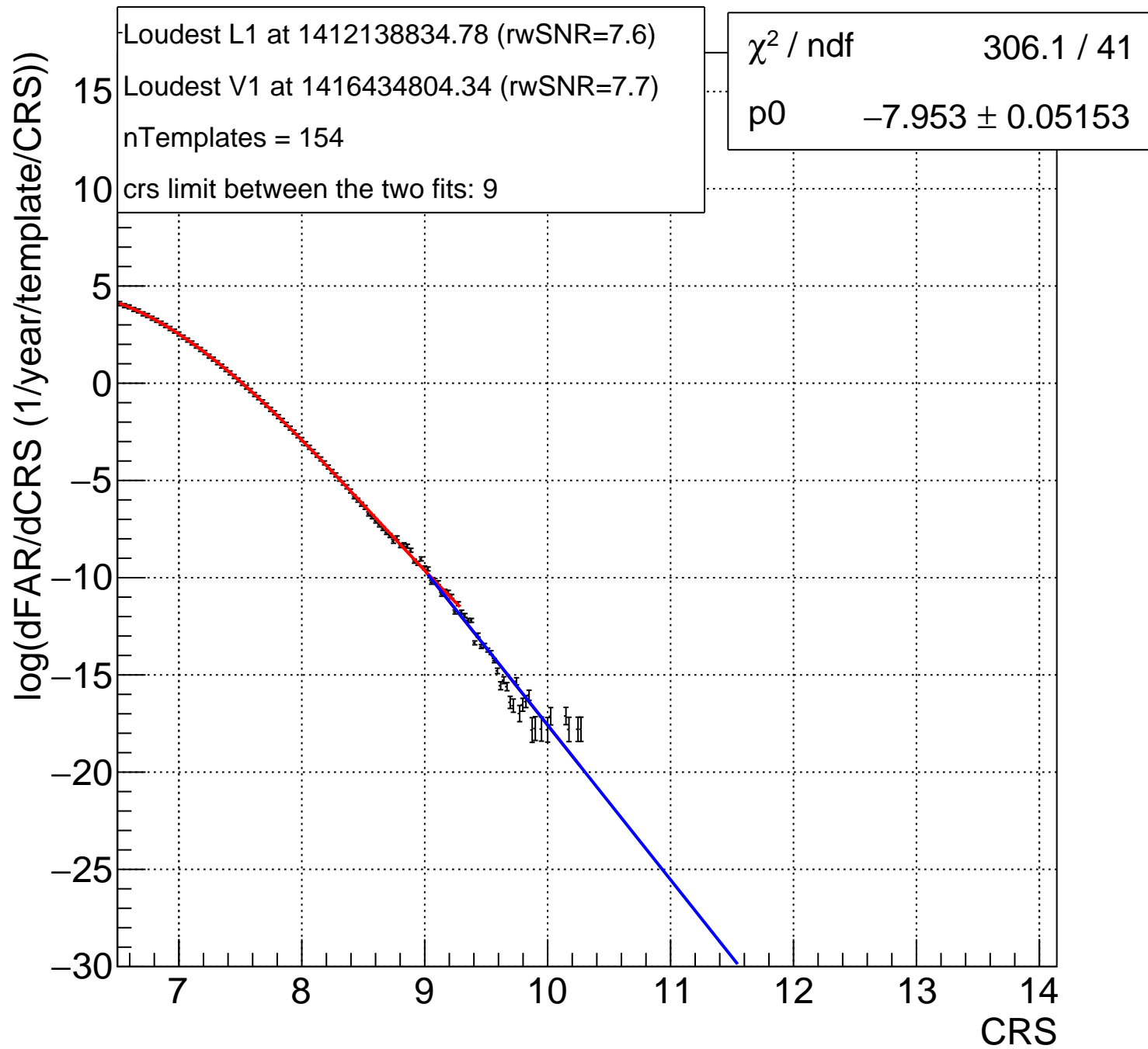
Bin:77 4.52<mChirp<4.745 and 0.3333<m2/m1<0.6667, no 1 band



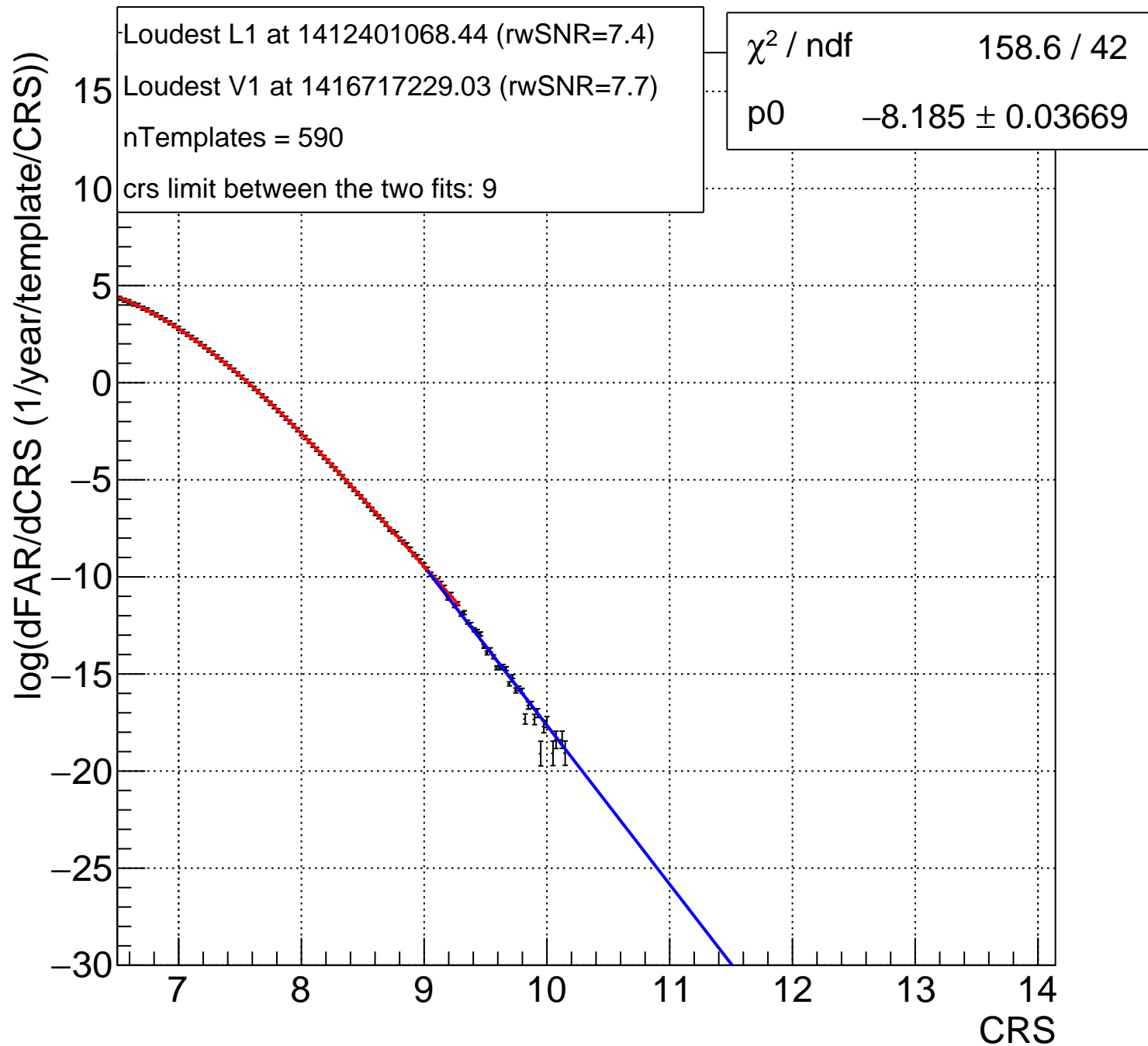
Bin:78 4.745<mChirp<4.981 and 0.3333<m2/m1<0.6667, no 1 band



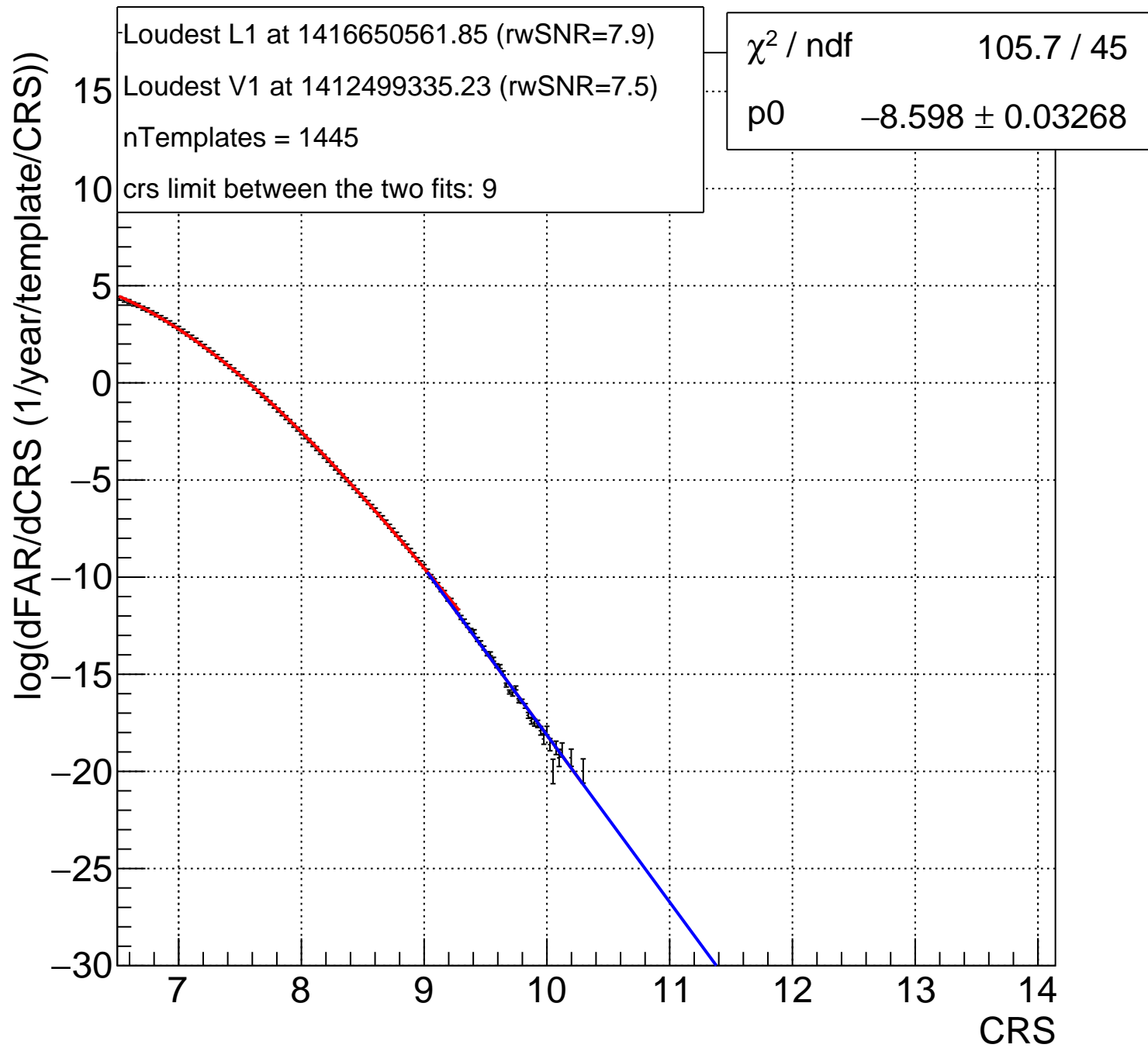
Bin:79 4.981<mChirp<5.229 and 0.3333<m2/m1<0.6667, no 1 band



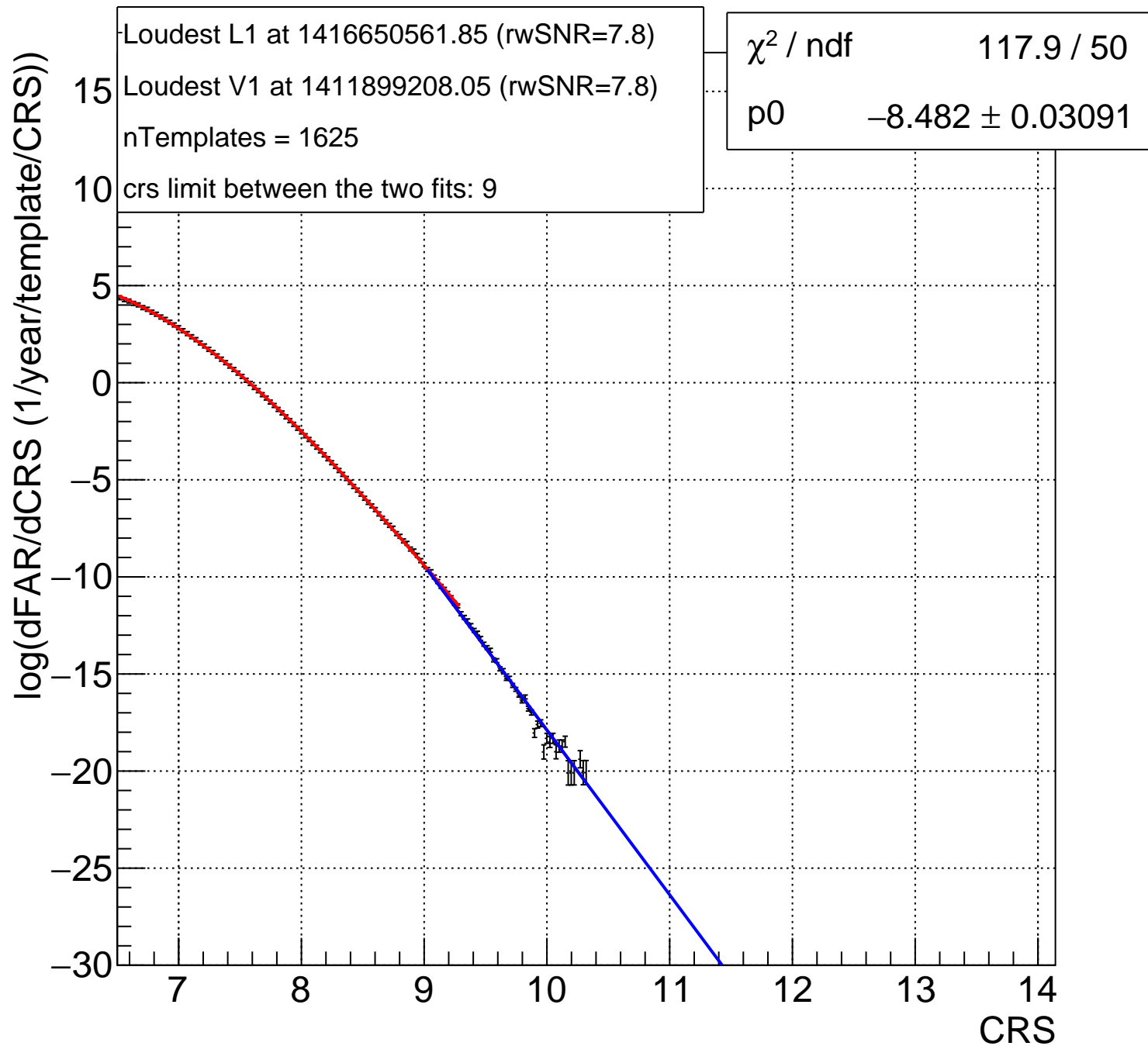
Bin:80 5.229<mChirp<5.49 and 0.3333<m2/m1<0.6667, no 1 band



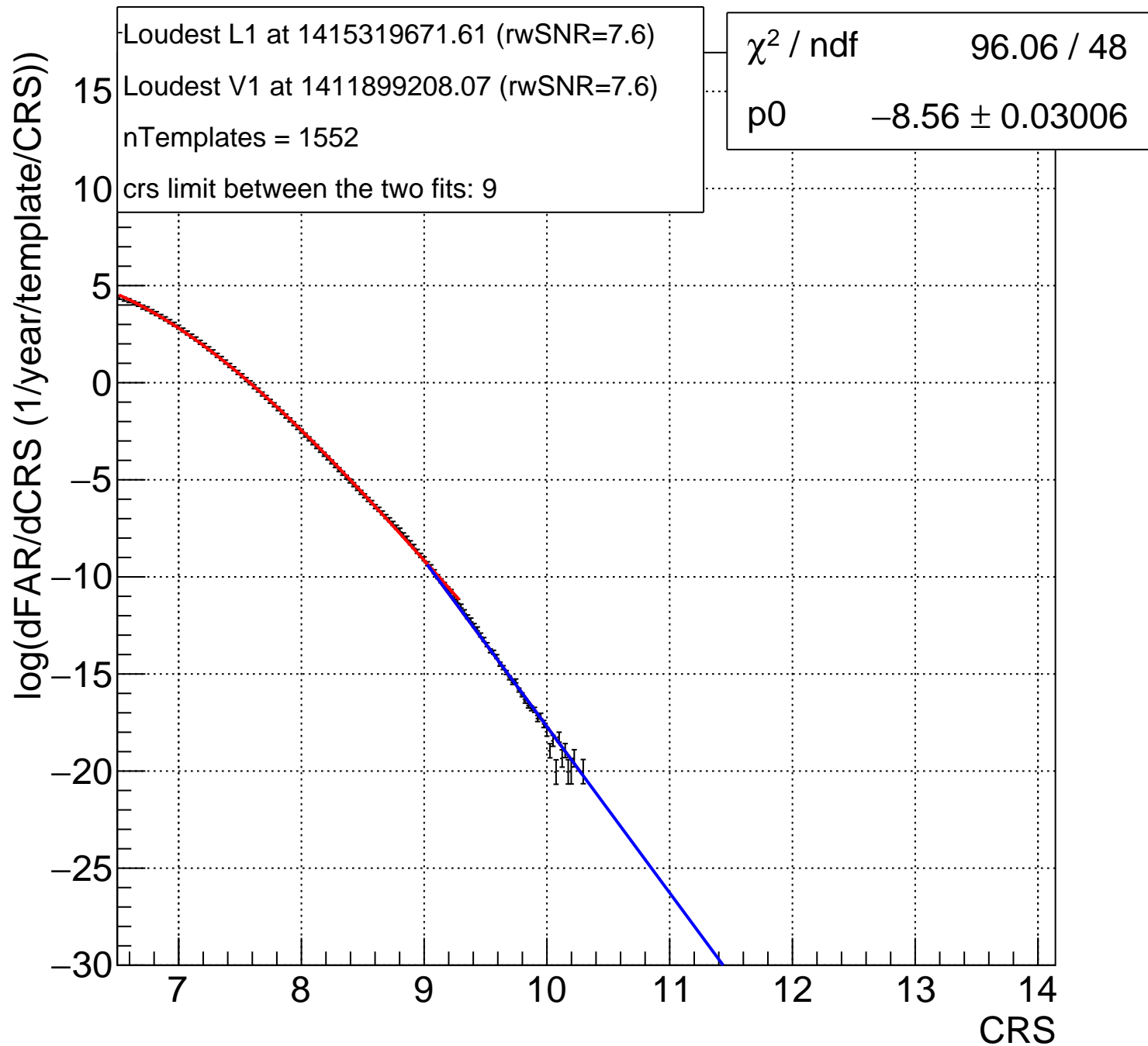
Bin:81 5.49<mChirp<5.763 and 0.3333<m2/m1<0.6667, no 1 band



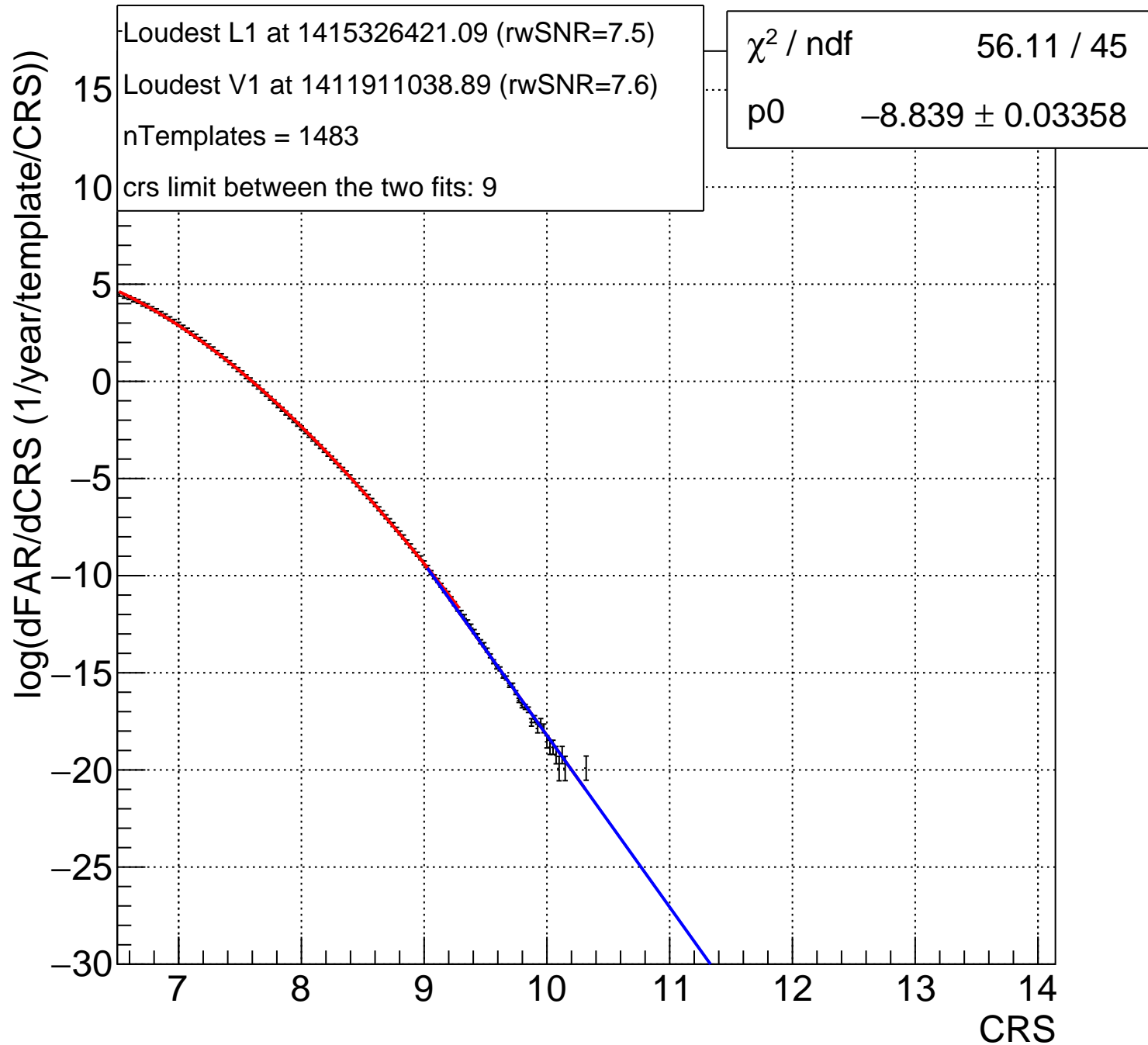
Bin:82 5.763<mChirp<6.05 and 0.3333<m2/m1<0.6667, no 1 band



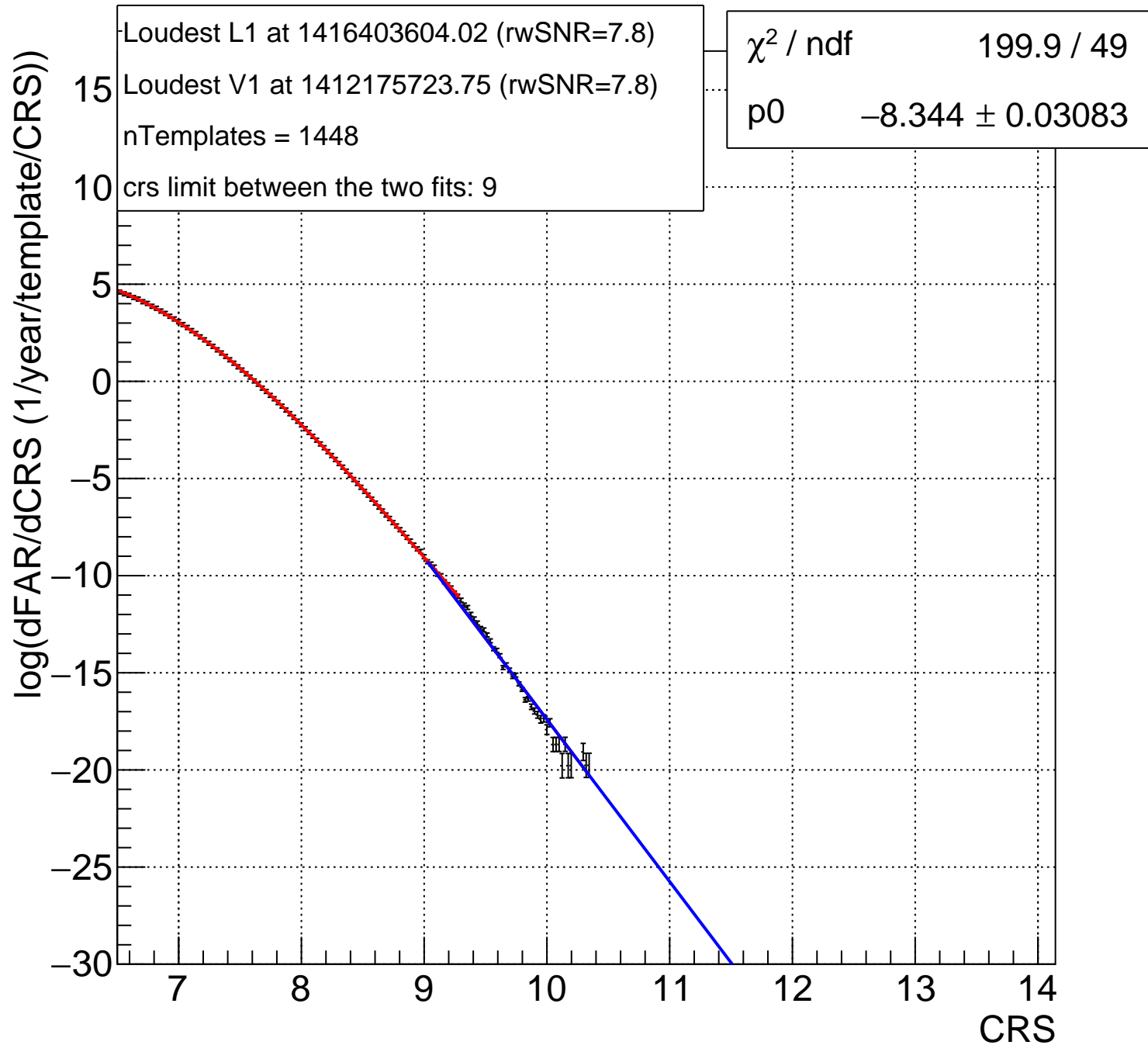
Bin:83 6.05<mChirp<6.352 and 0.3333<m2/m1<0.6667, no 1 band



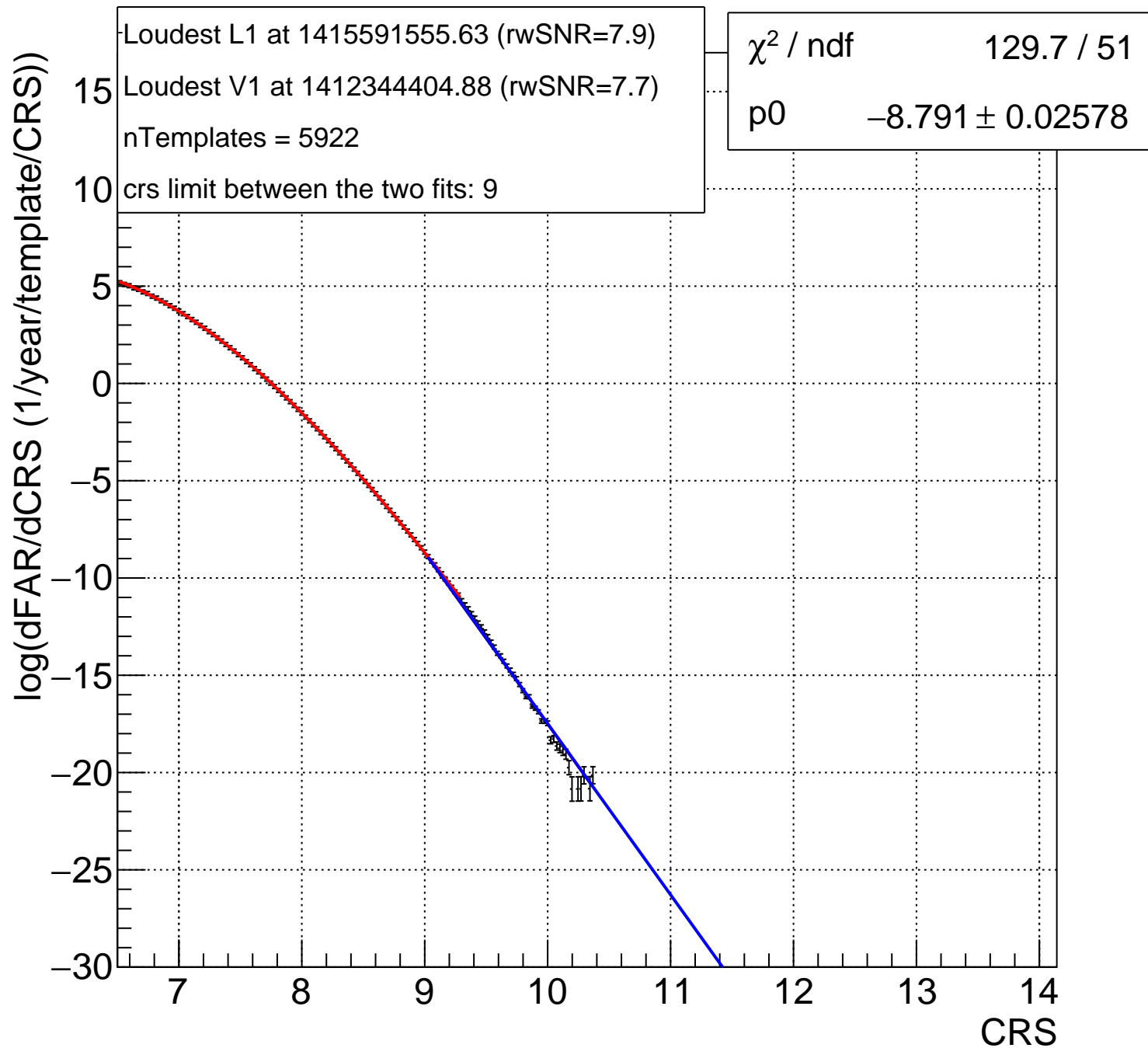
Bin:84 6.352<mChirp<6.668 and 0.3333<m2/m1<0.6667, no 1 band



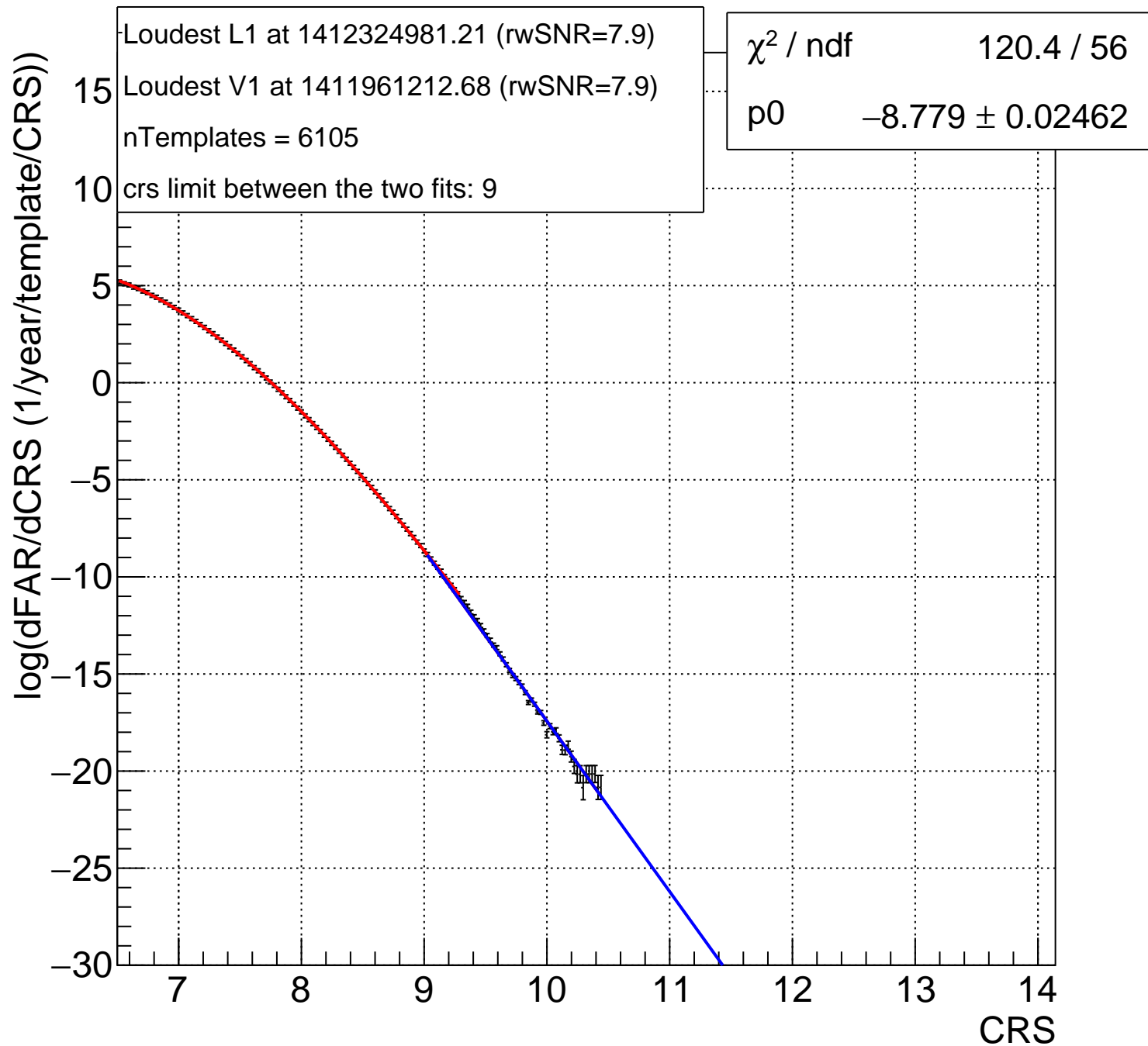
Bin:85  $6.668 < m_{\text{Chirp}} < 7$  and  $0.3333 < m_2/m_1 < 0.6667$ , no 1 band



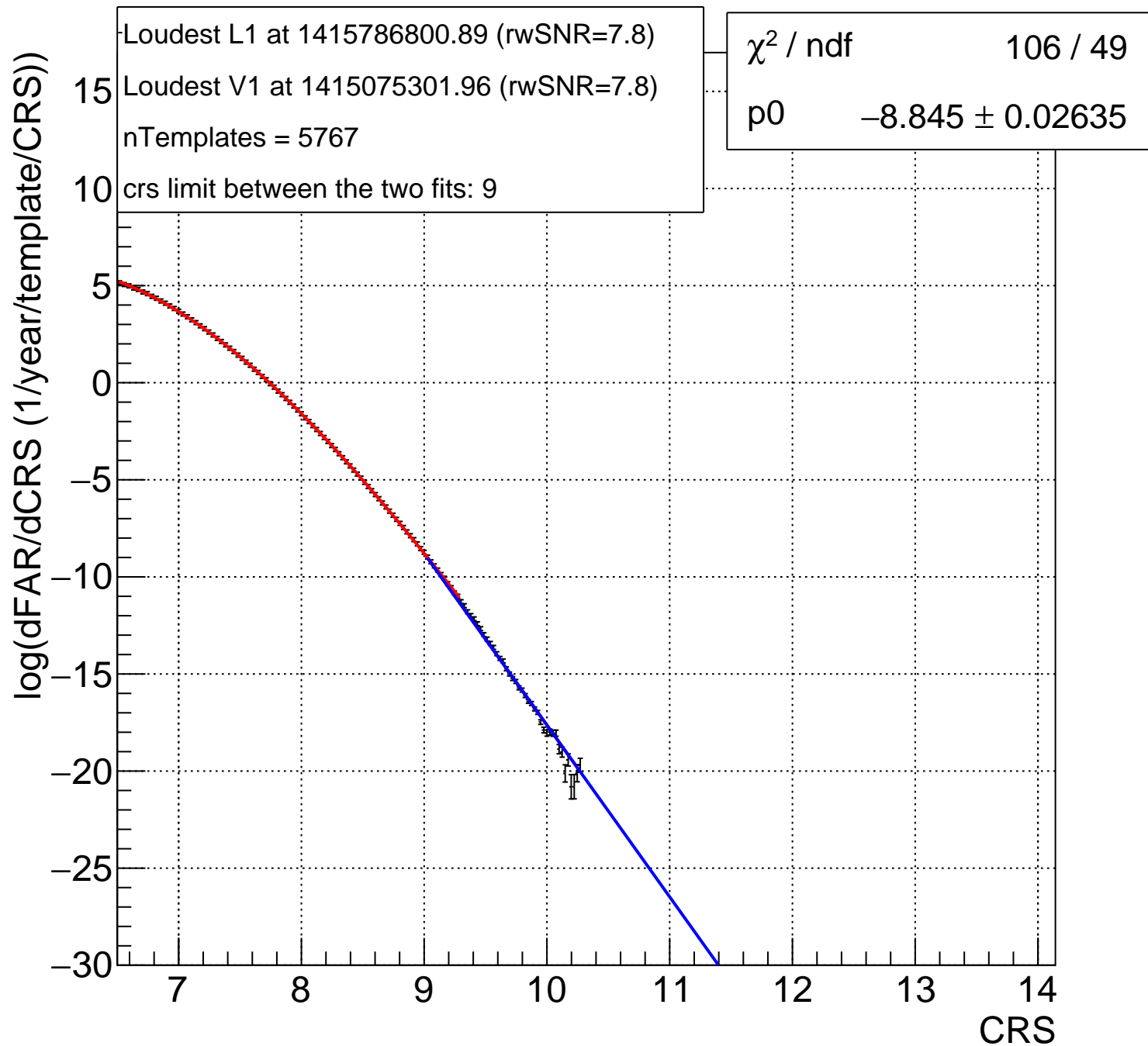
Bin:86 0.8658<mChirp<0.9089 and 0.6667<m2/m1<1, no 1 band



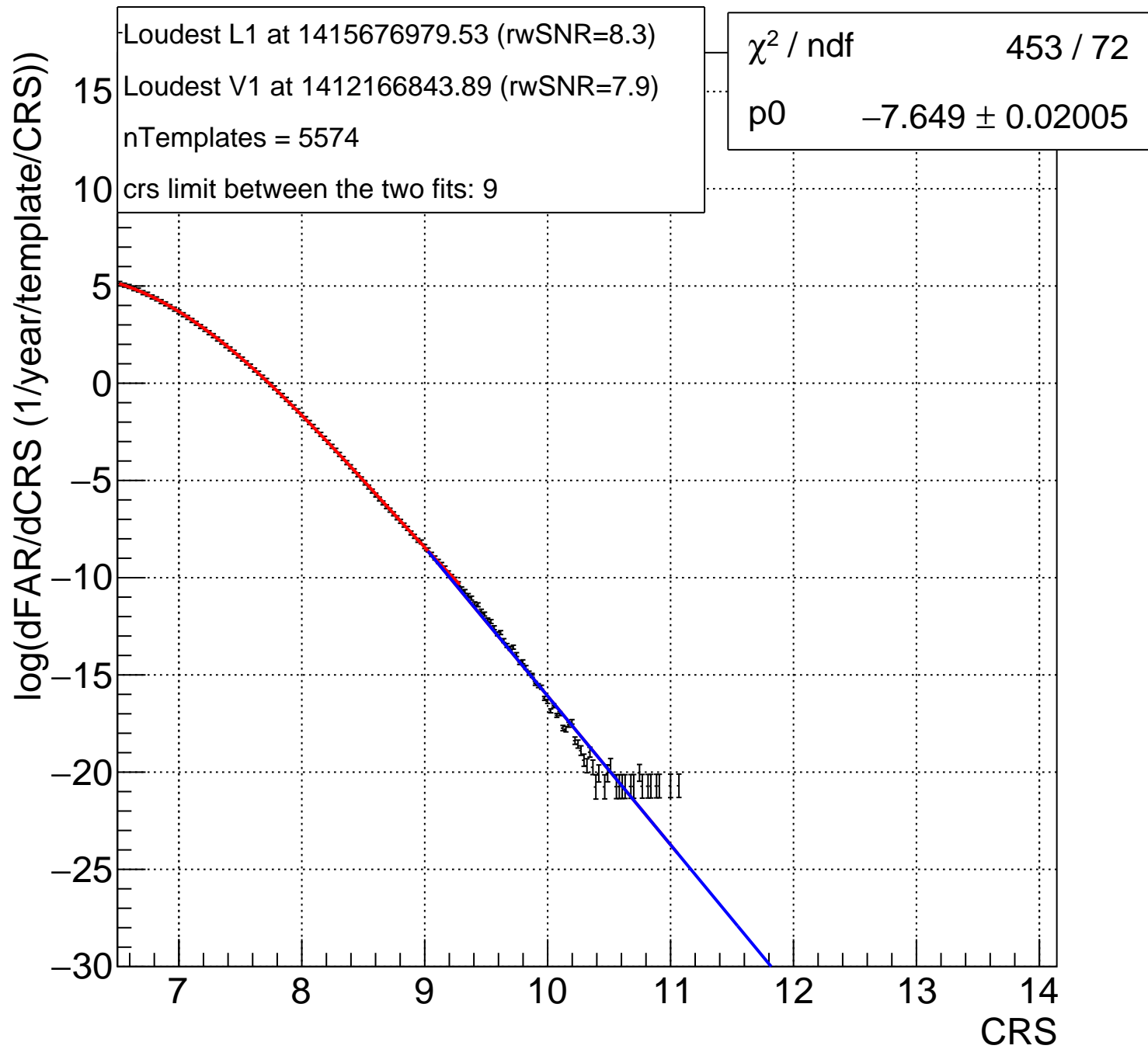
Bin: 87 0.9089 < mChirp < 0.9542 and 0.6667 < m2/m1 < 1, no 1 band



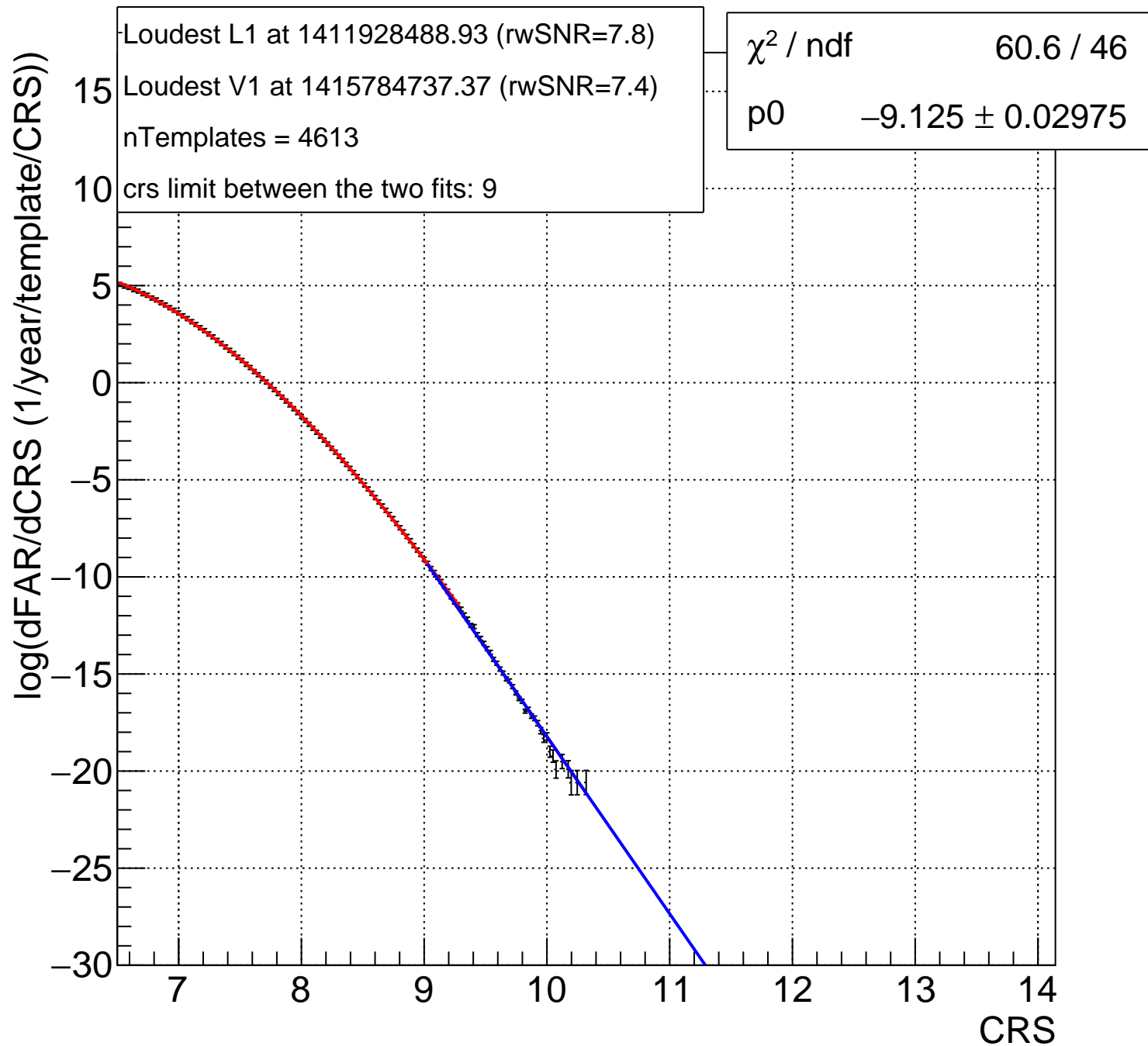
Bin:88 0.9542<mChirp<1.002 and 0.6667<m2/m1<1, no 1 band



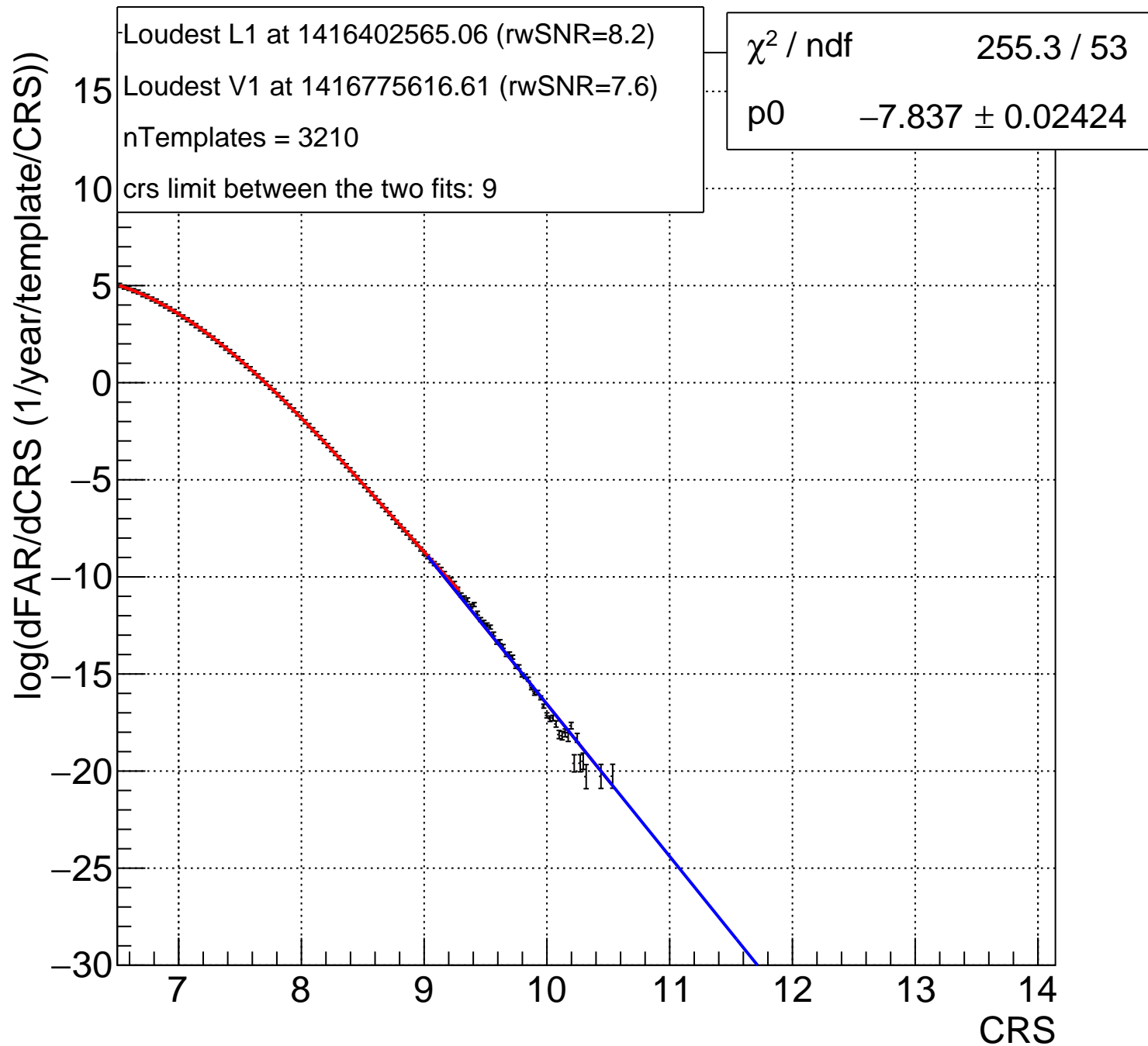
Bin:89  $1.002 < m_{\text{Chirp}} < 1.052$  and  $0.6667 < m_2/m_1 < 1$ , no 1 band



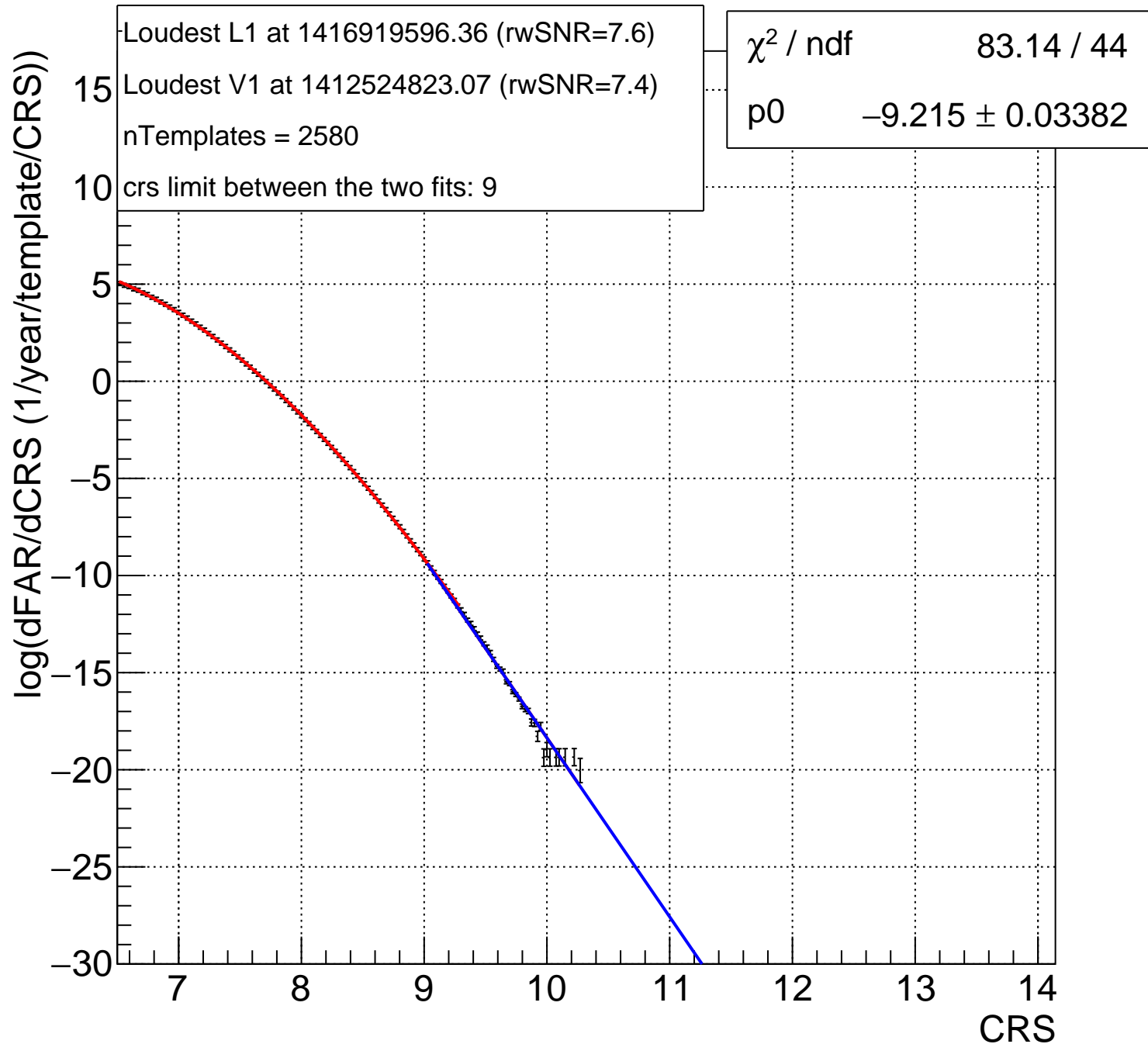
Bin:90 1.052<mChirp<1.104 and 0.6667<m2/m1<1, no 1 band



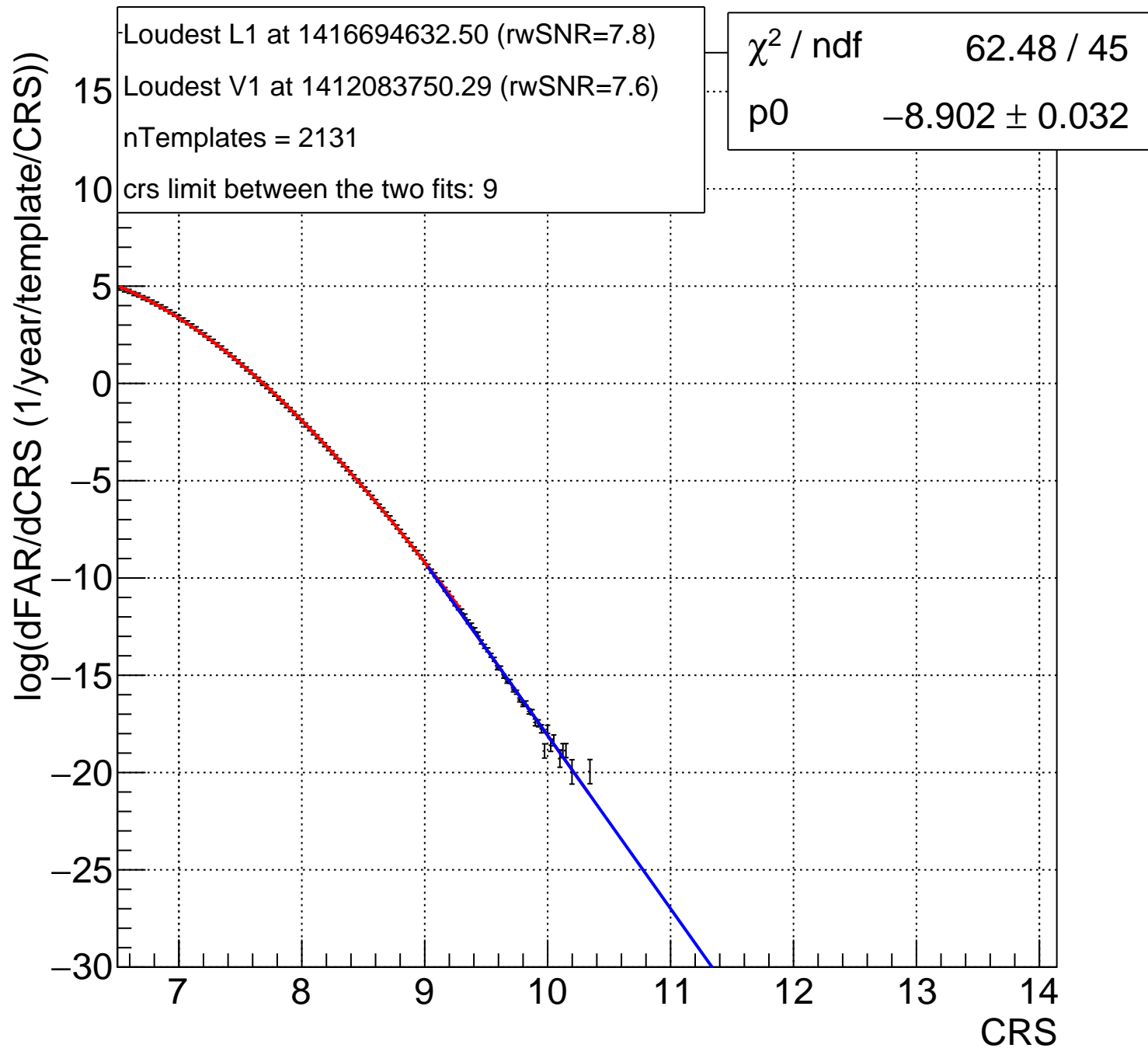
Bin:91 1.104<mChirp<1.159 and 0.6667<m2/m1<1, no 1 band



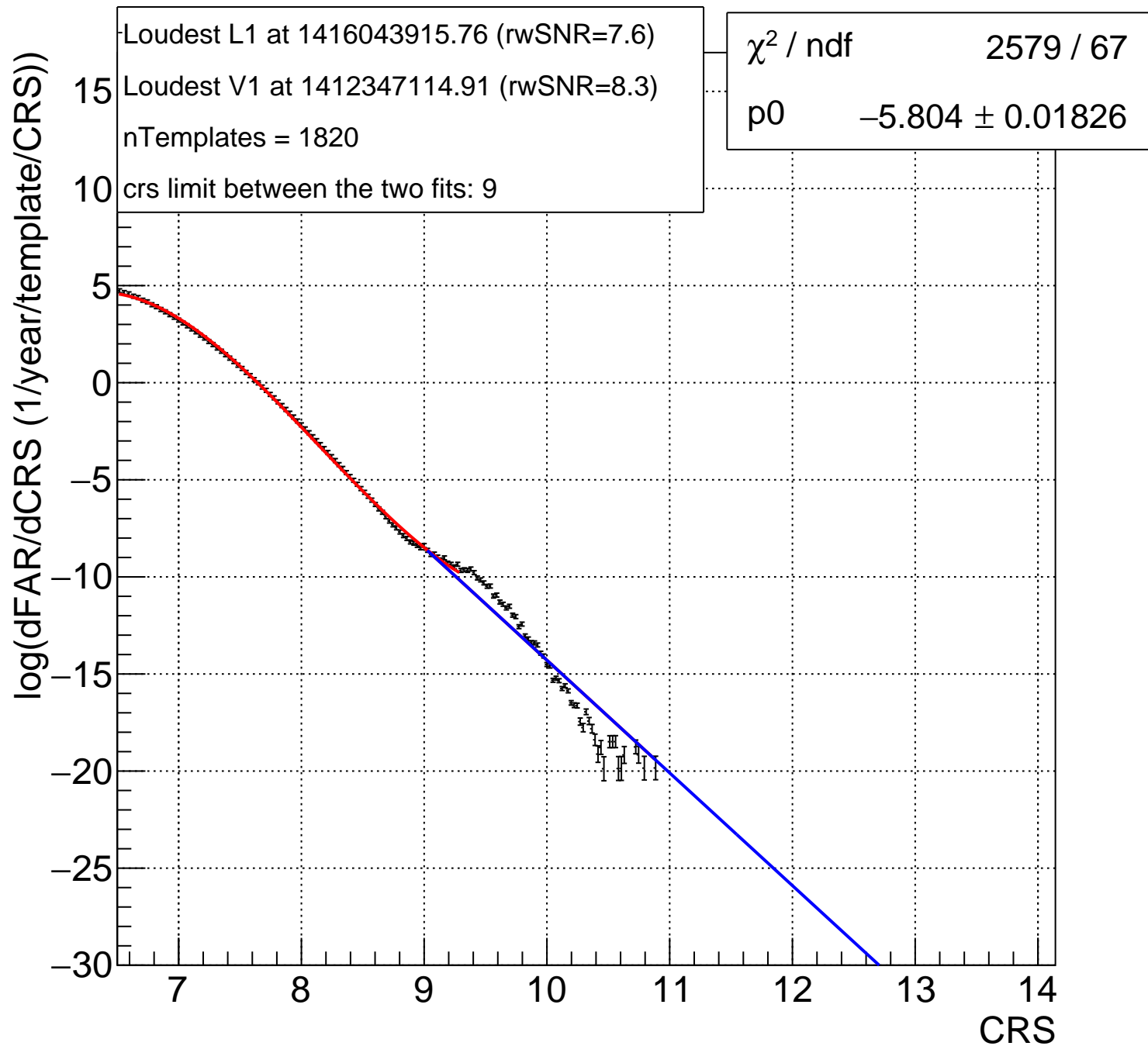
Bin:92 1.159<mChirp<1.217 and 0.6667<m2/m1<1, no 1 band



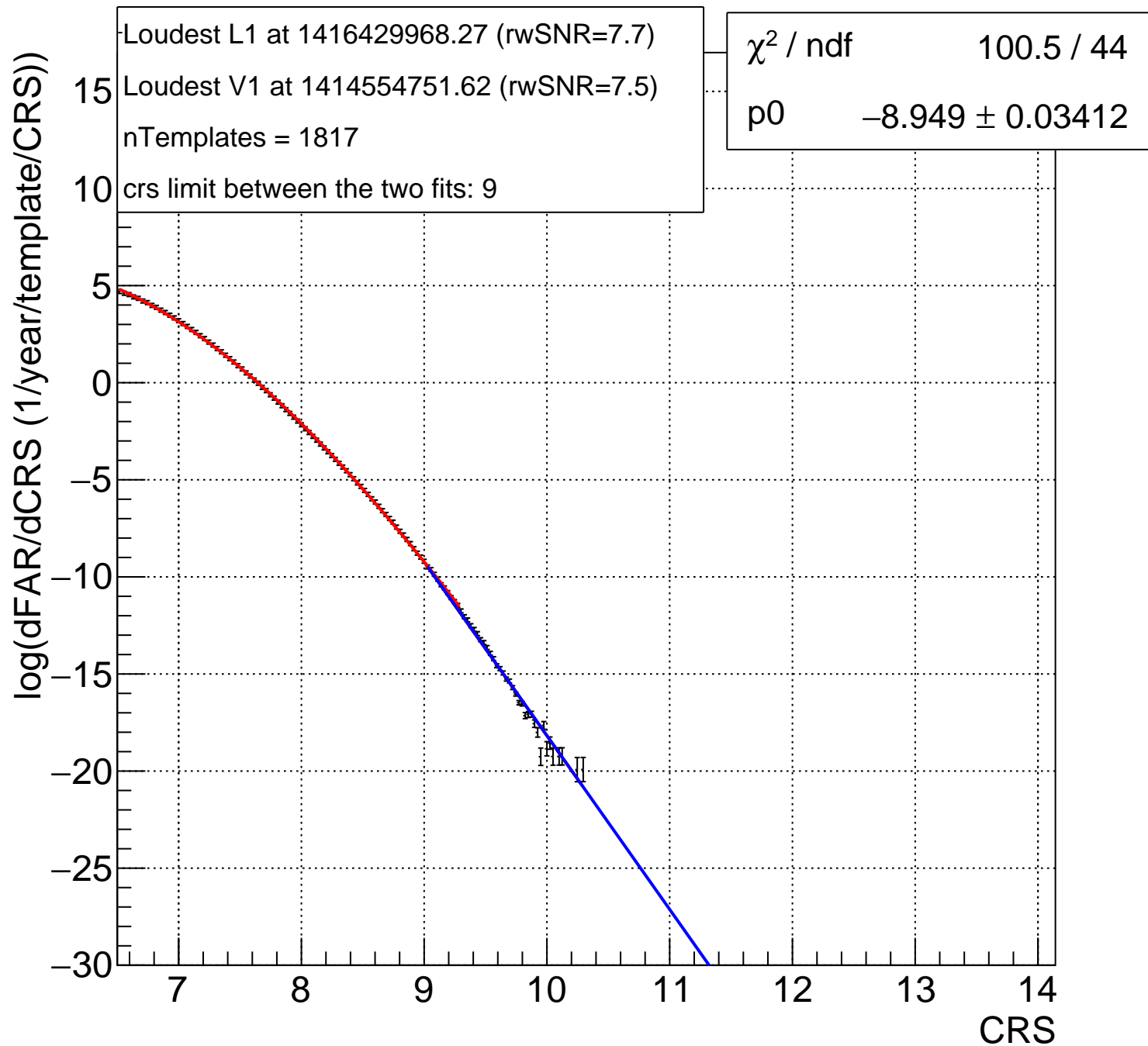
Bin:93  $1.217 < m_{\text{Chirp}} < 1.277$  and  $0.6667 < m_2/m_1 < 1$ , no 1 band



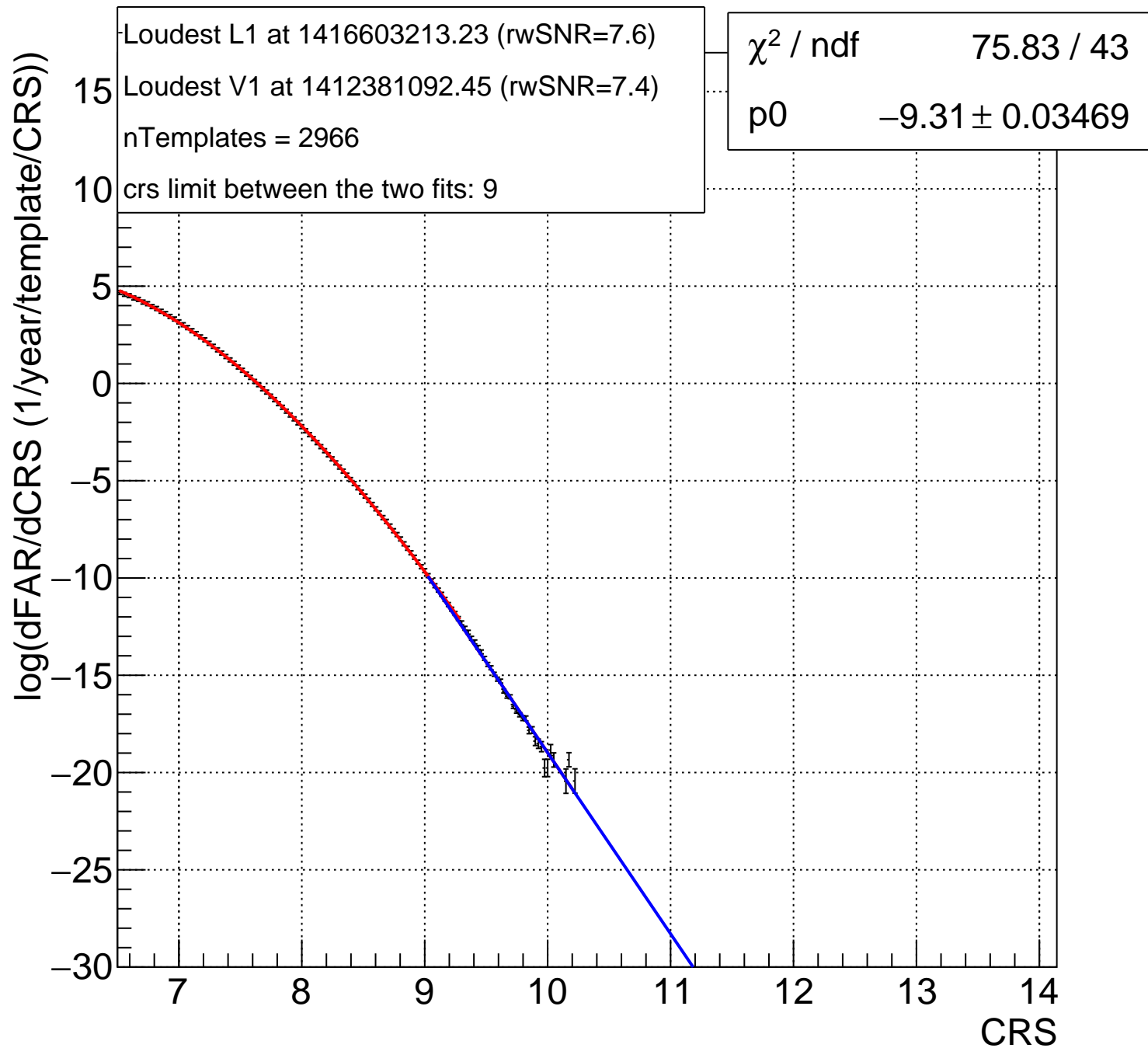
Bin:94  $1.277 < m_{\text{Chirp}} < 1.341$  and  $0.6667 < m_2/m_1 < 1$ , no 1 band



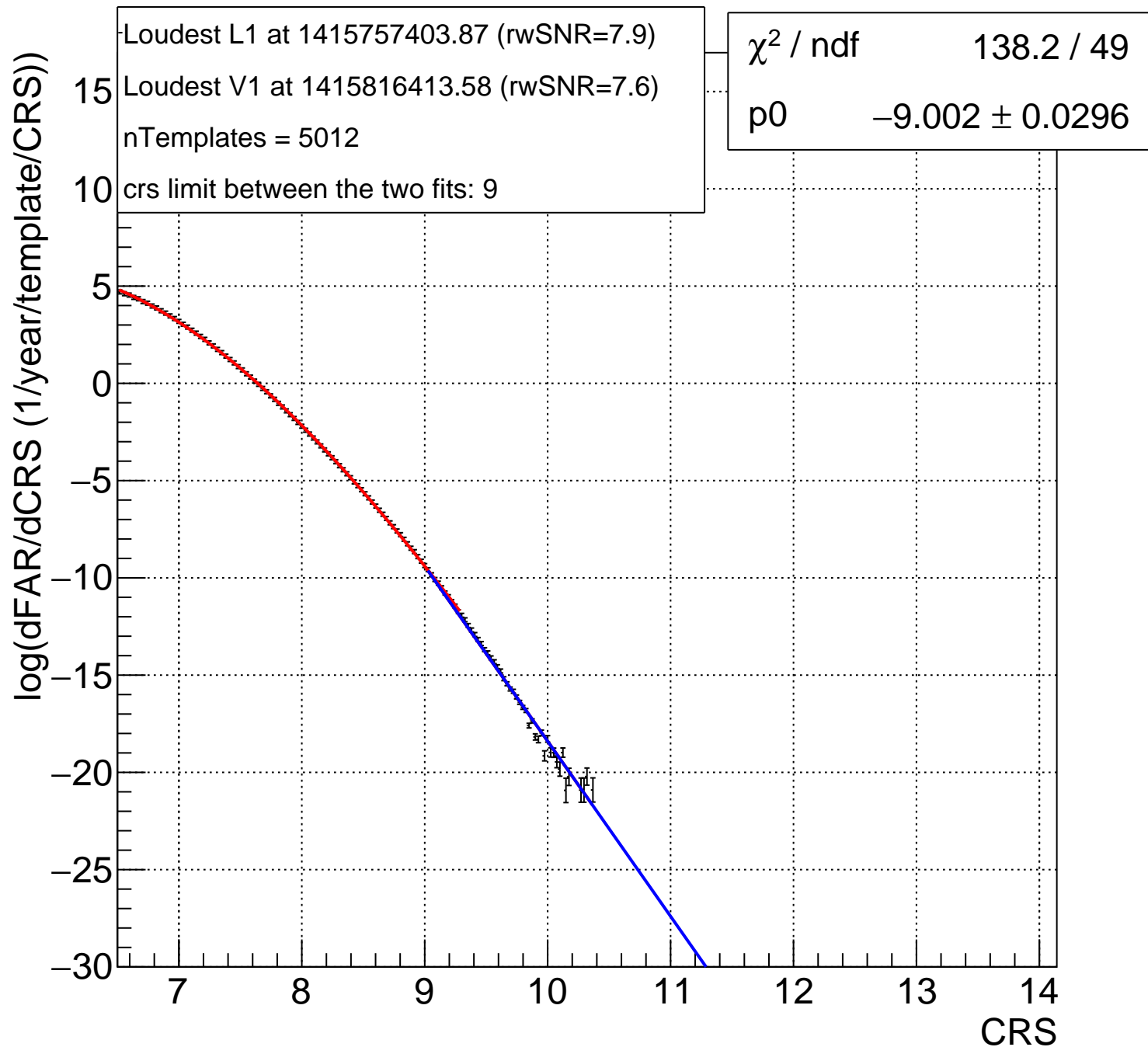
Bin:95 1.341<mChirp<1.408 and 0.6667<m2/m1<1, no 1 band



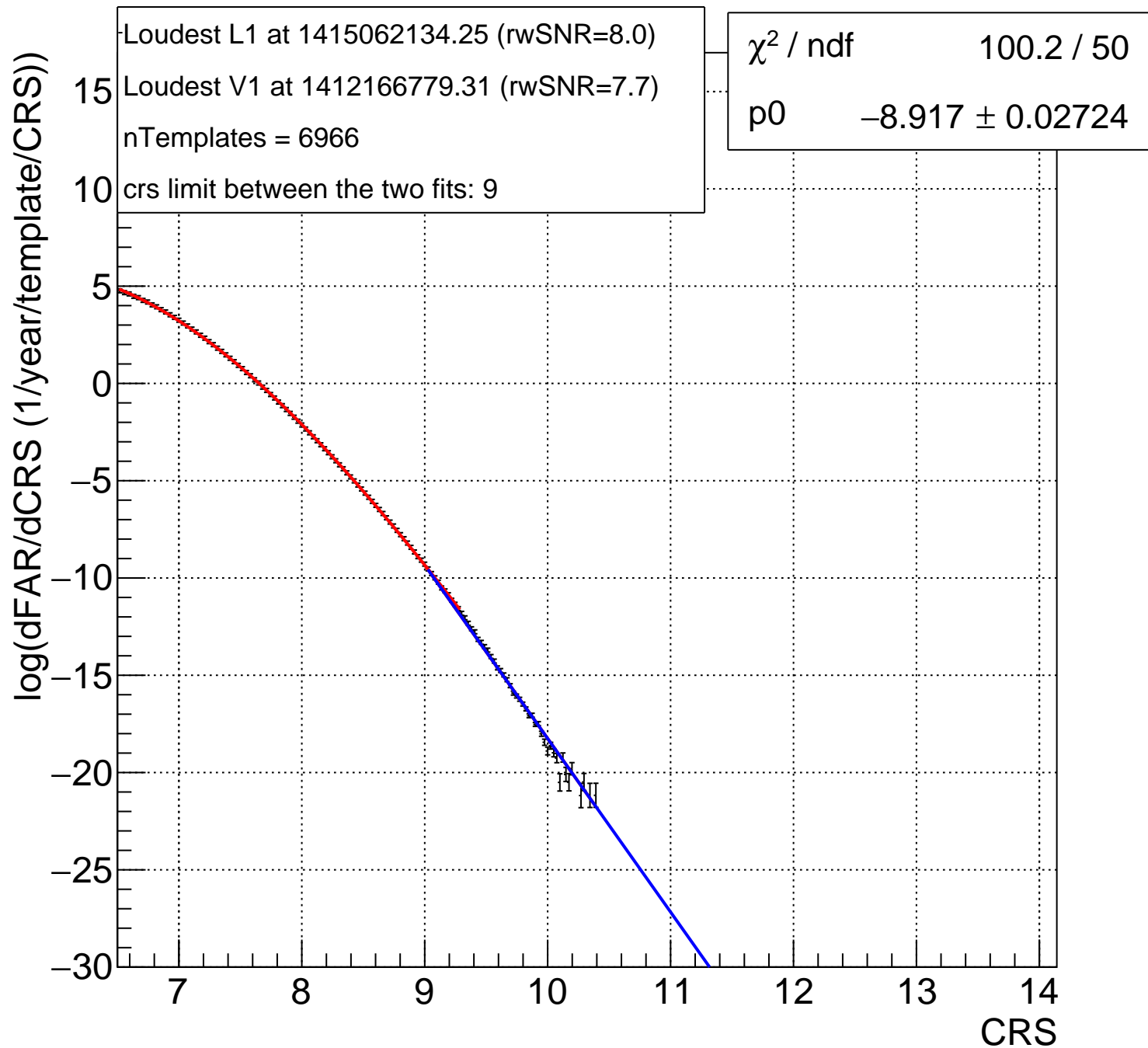
Bin:96  $1.408 < m_{\text{Chirp}} < 1.478$  and  $0.6667 < m_2/m_1 < 1$ , no 1 band



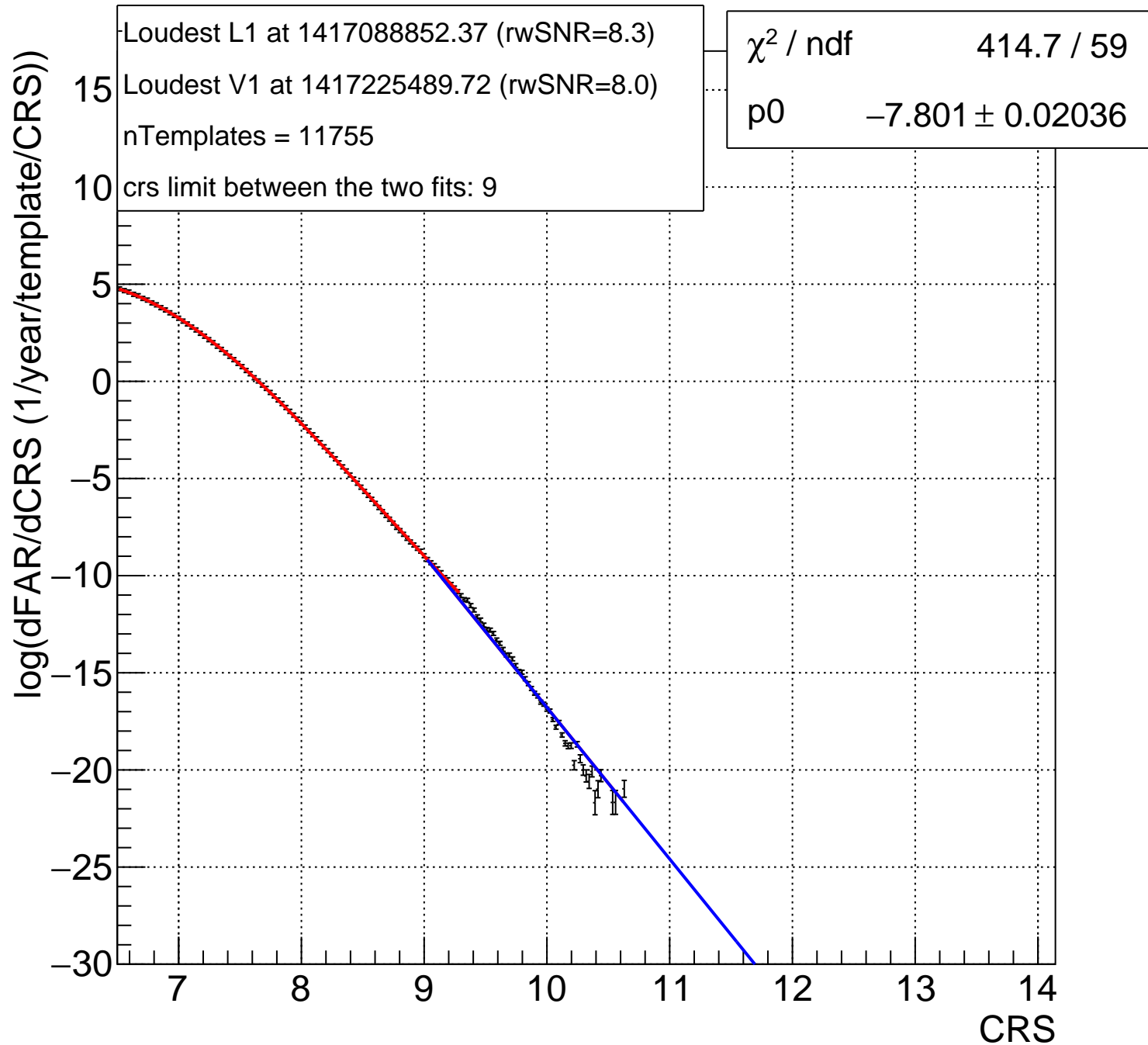
Bin:97 1.478<mChirp<1.551 and 0.6667<m2/m1<1, no 1 band



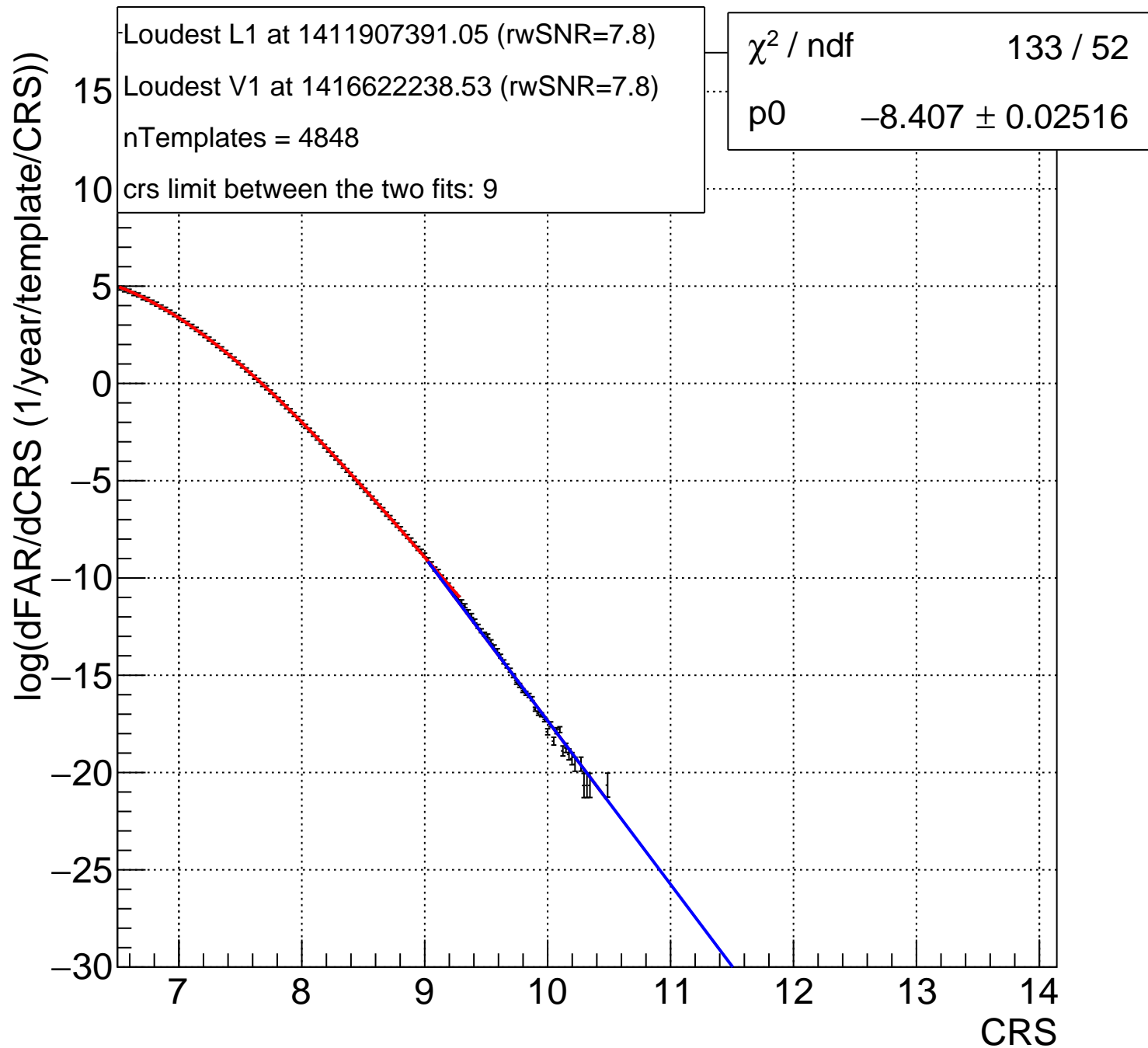
Bin:98  $1.551 < m_{\text{Chirp}} < 1.629$  and  $0.6667 < m_2/m_1 < 1$ , no 1 band



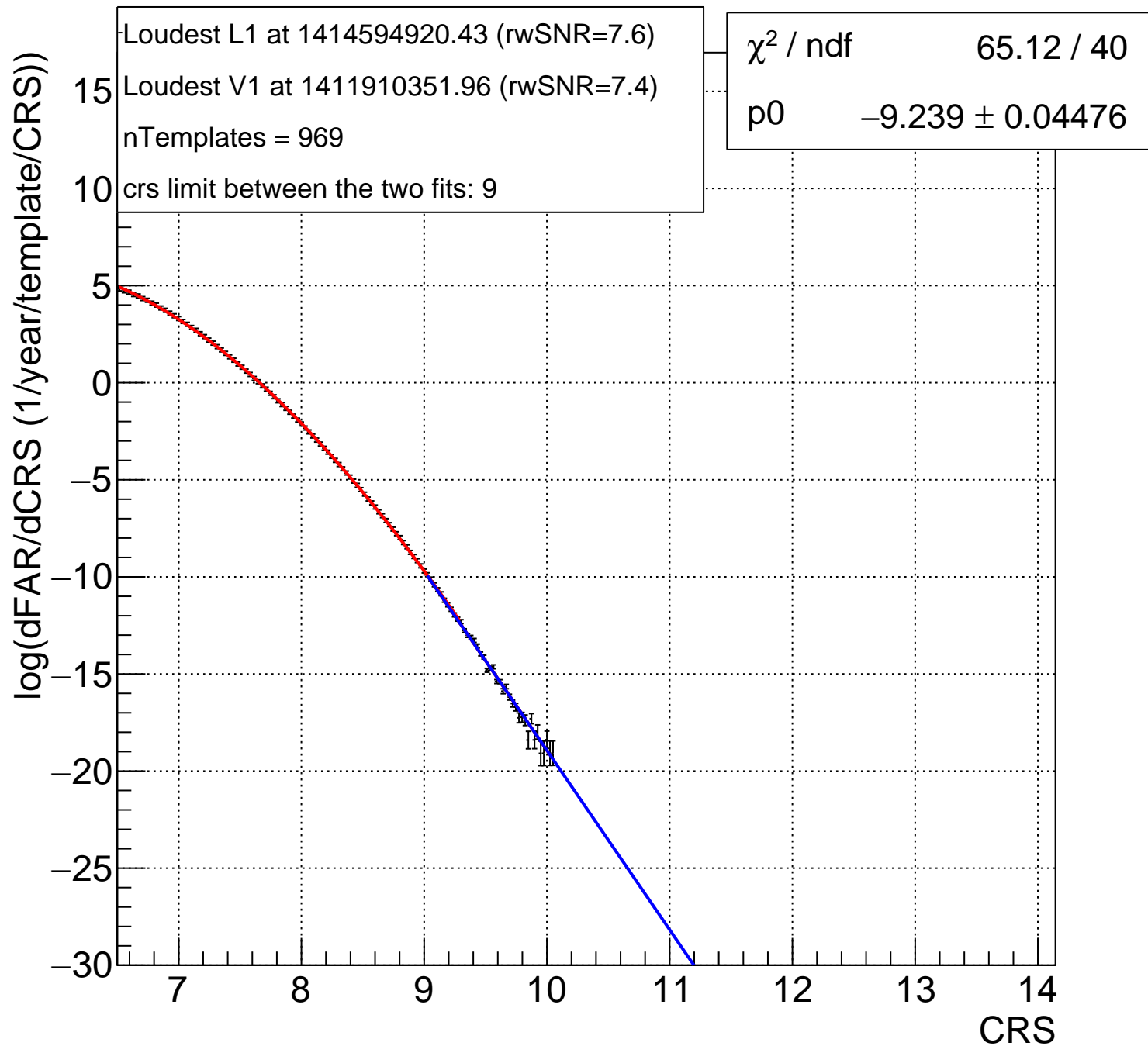
Bin:99 1.629<mChirp<1.71 and 0.6667<m2/m1<1, no 1 band



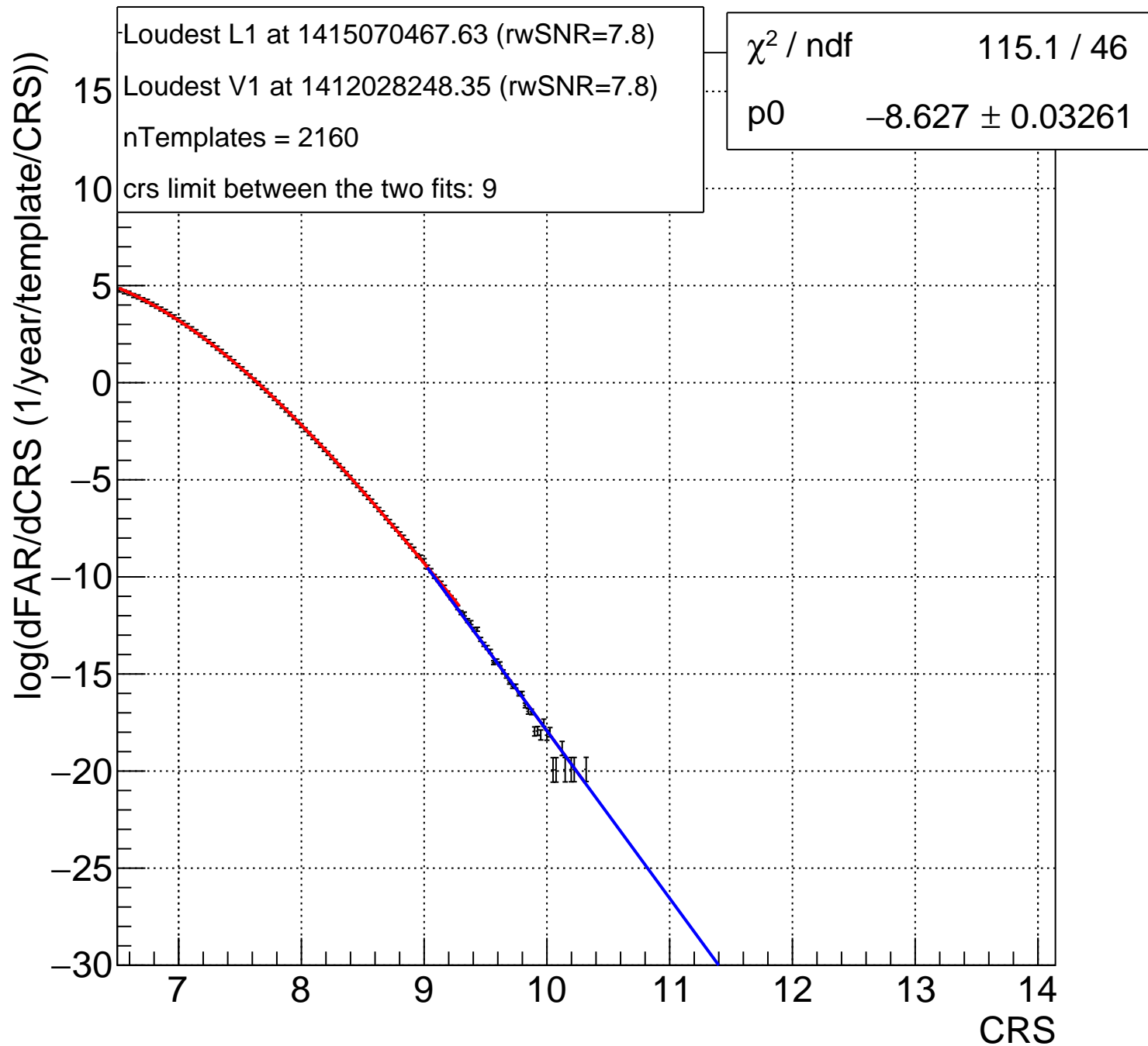
Bin:100  $1.71 < m_{\text{Chirp}} < 1.795$  and  $0.6667 < m_2/m_1 < 1$ , no 1 band



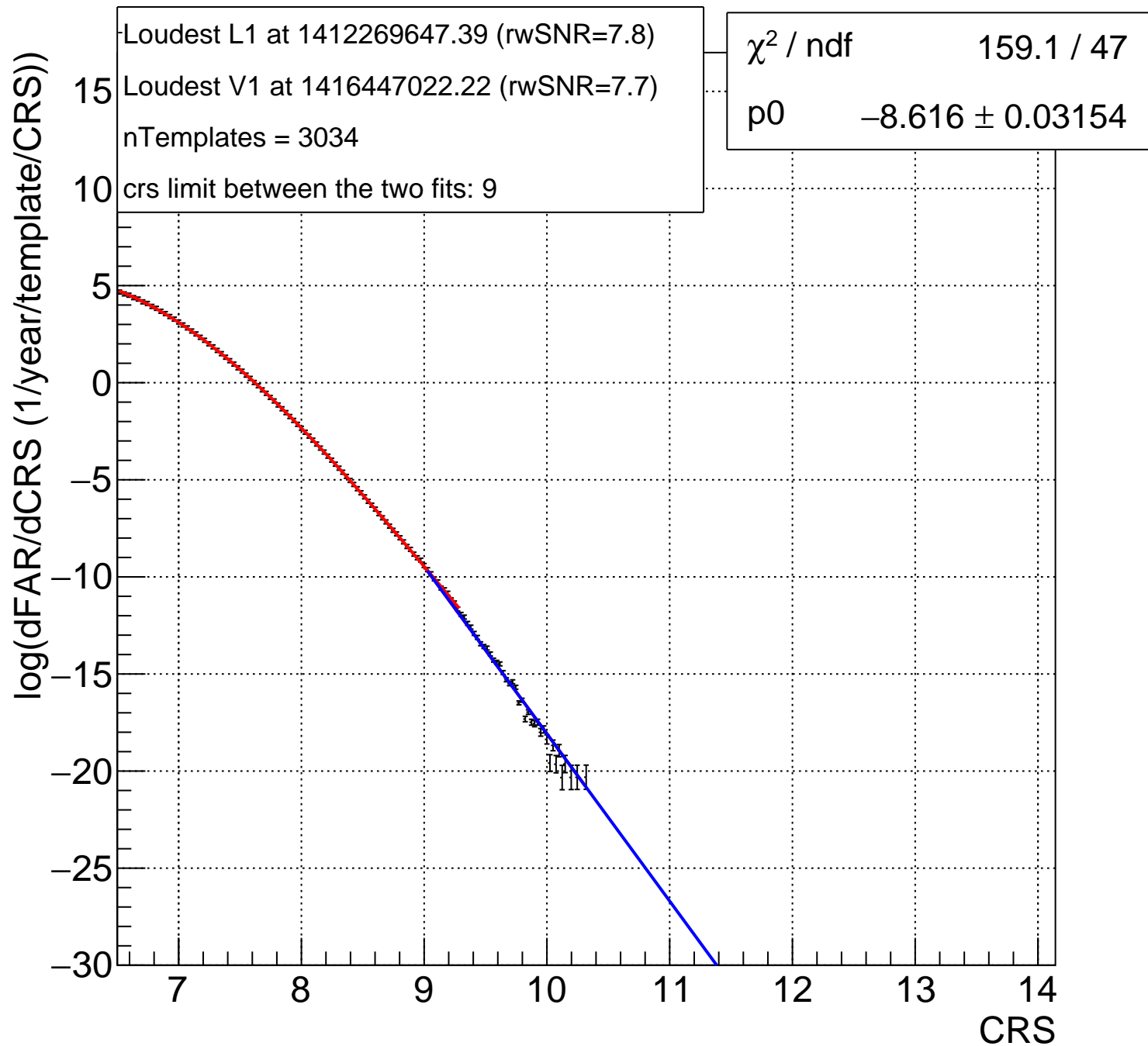
Bin:101 1.795<mChirp<1.884 and 0.6667<m2/m1<1, no 1 band



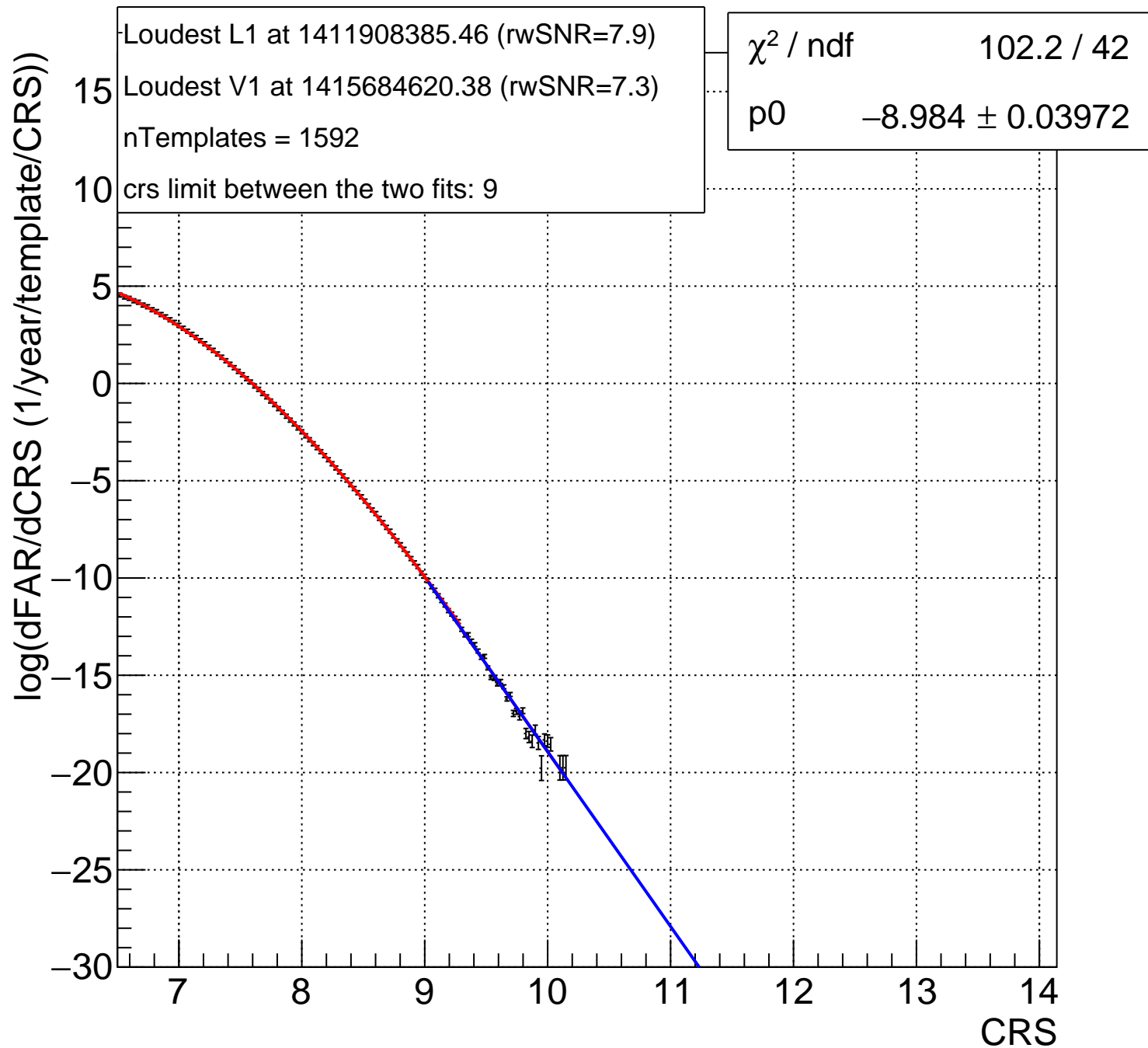
Bin:102 1.884<mChirp<1.978 and 0.6667<m2/m1<1, no 1 band



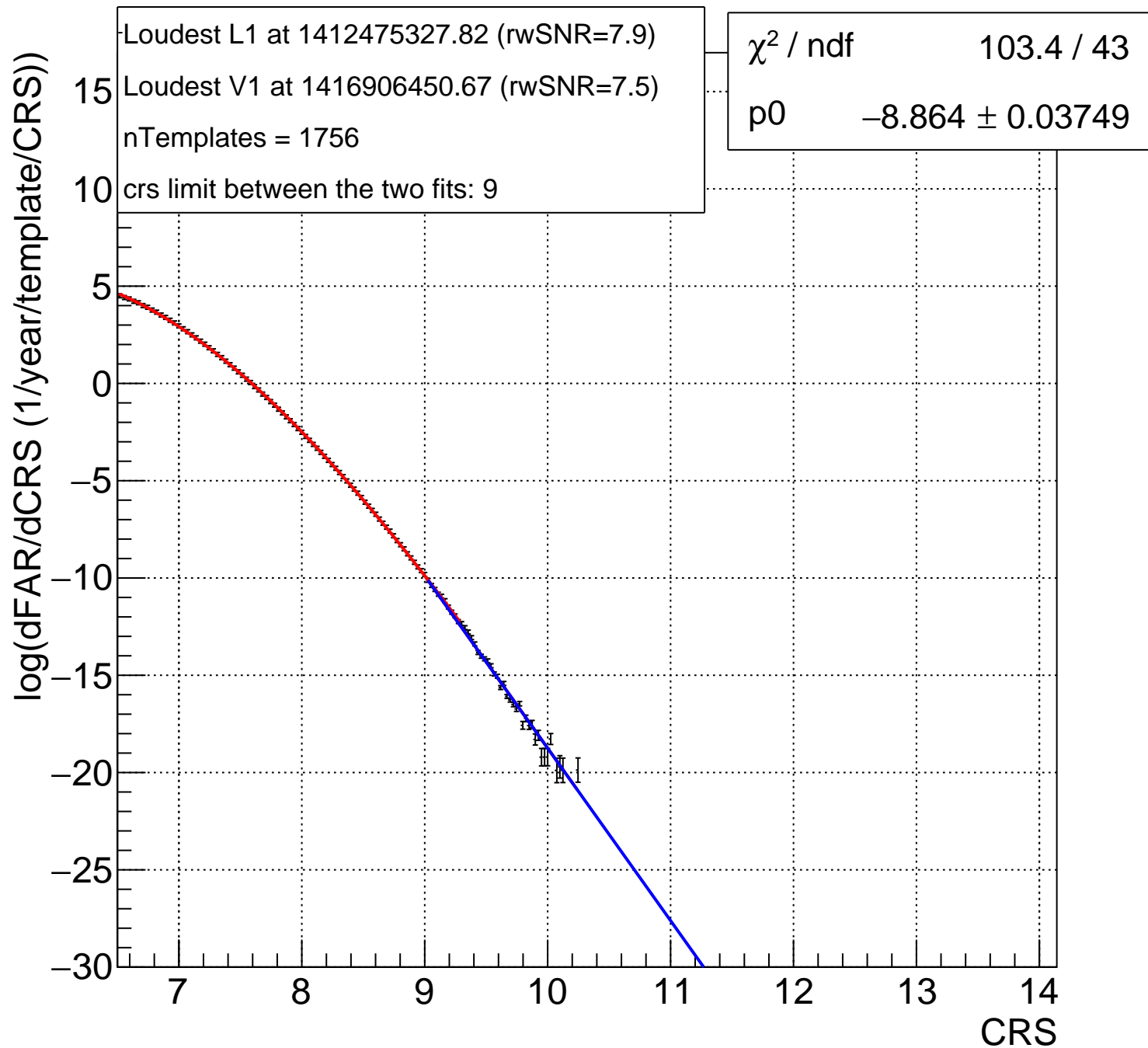
Bin:103 1.978<mChirp<2.077 and 0.6667<m2/m1<1, no 1 band



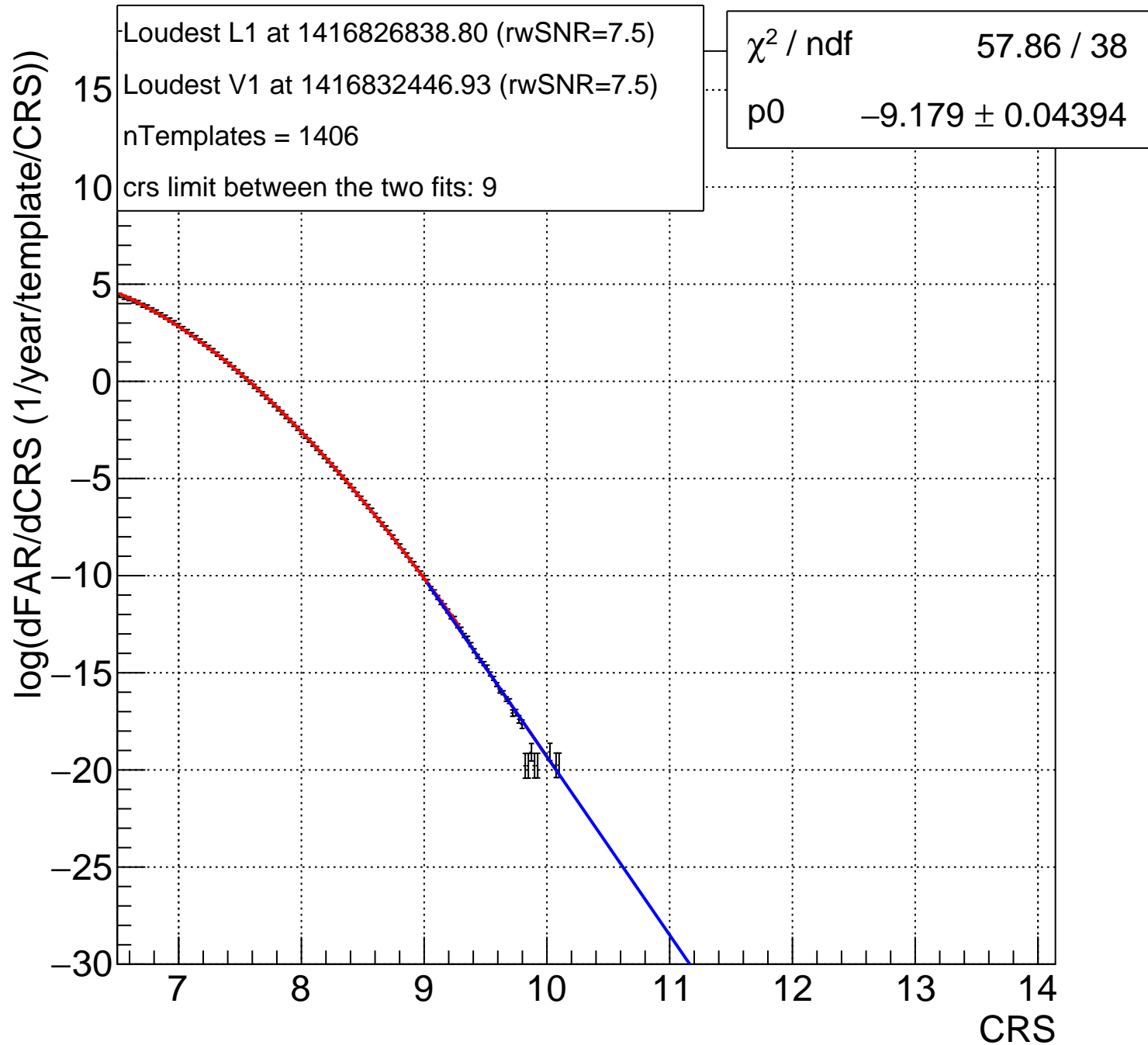
Bin:104 2.077<mChirp<2.18 and 0.6667<m2/m1<1, no 1 band



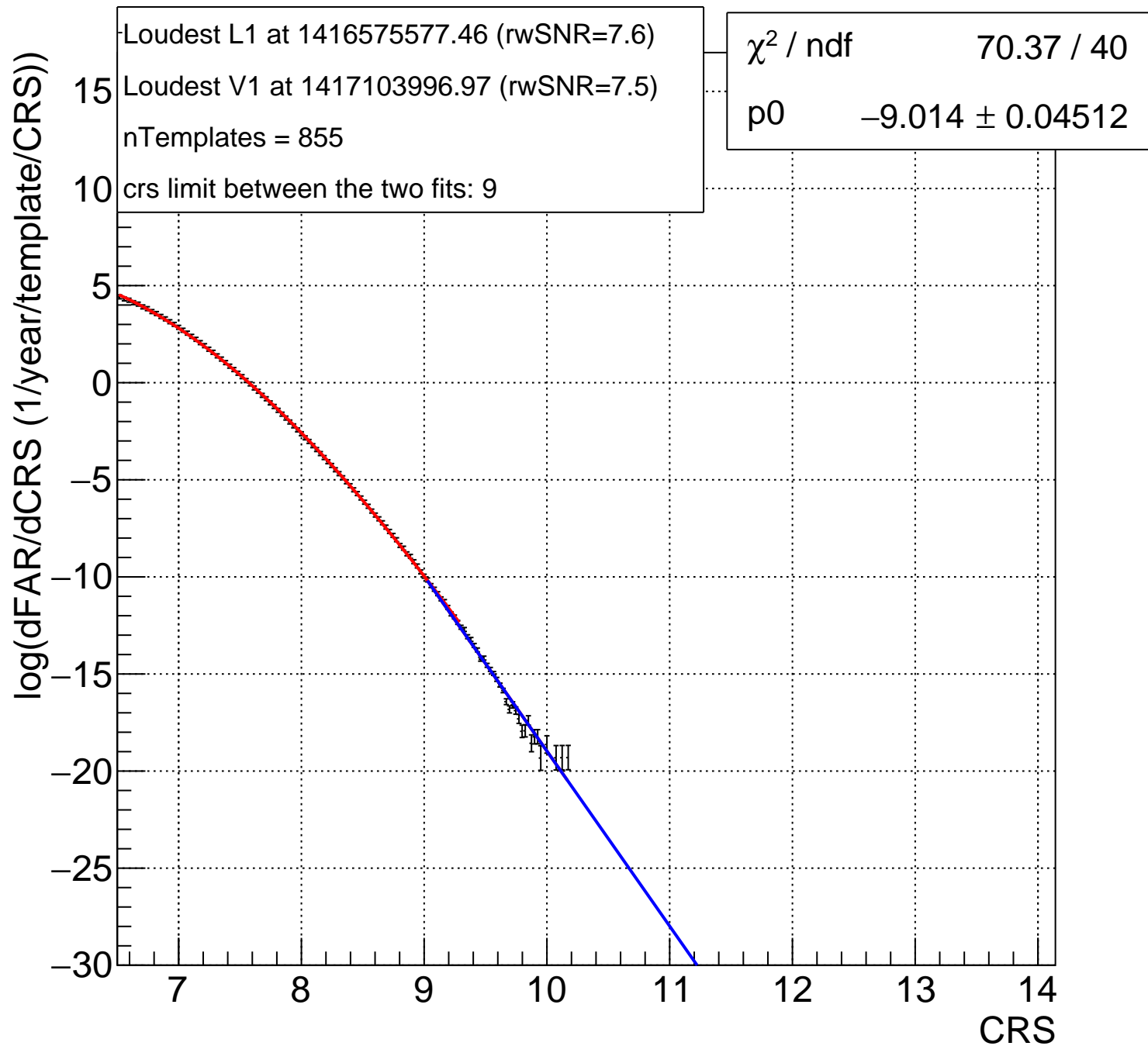
Bin:105 2.18<mChirp<2.289 and 0.6667<m2/m1<1, no 1 band



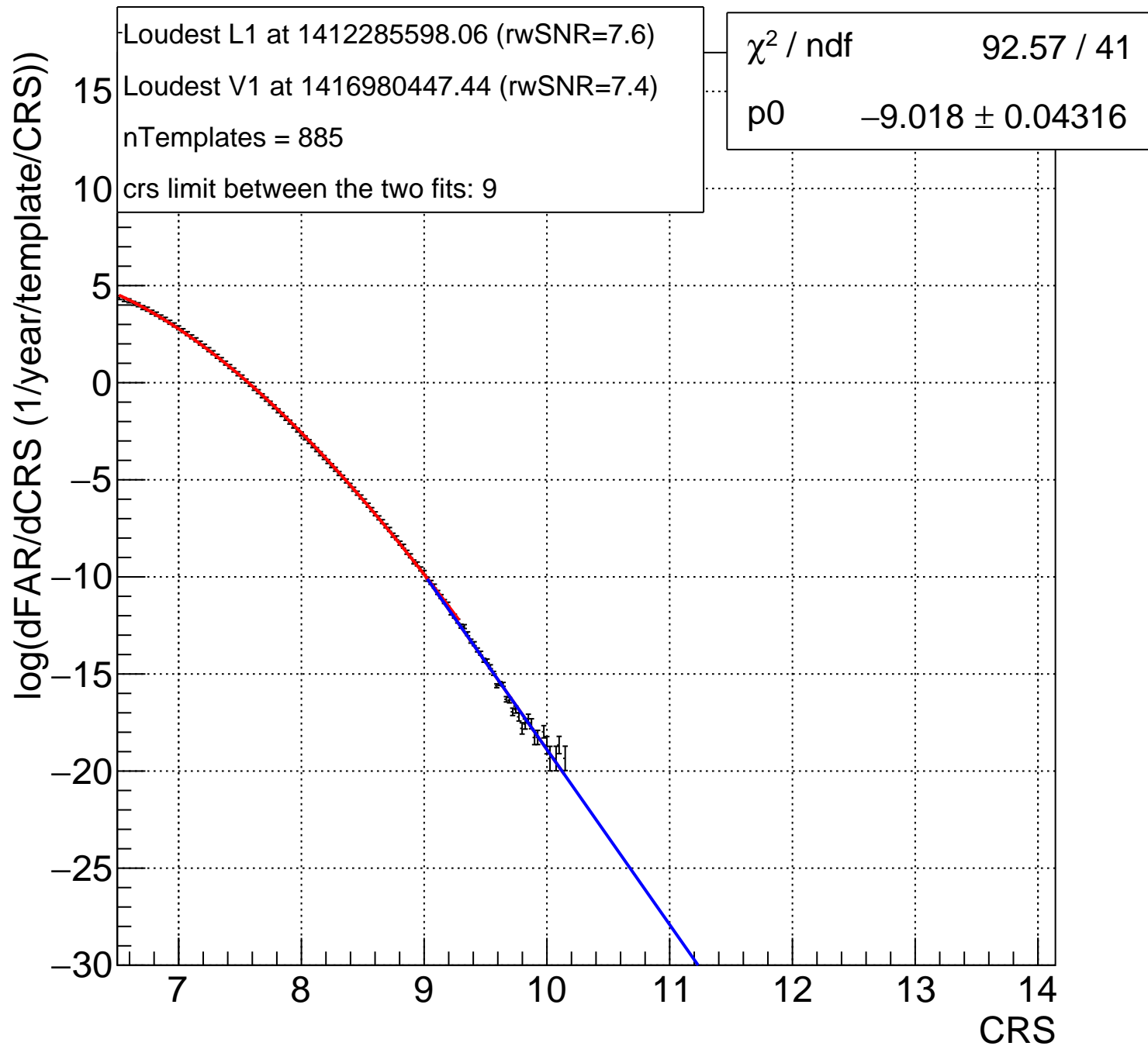
Bin:106 2.289<mChirp<2.403 and 0.6667<m2/m1<1, no 1 band



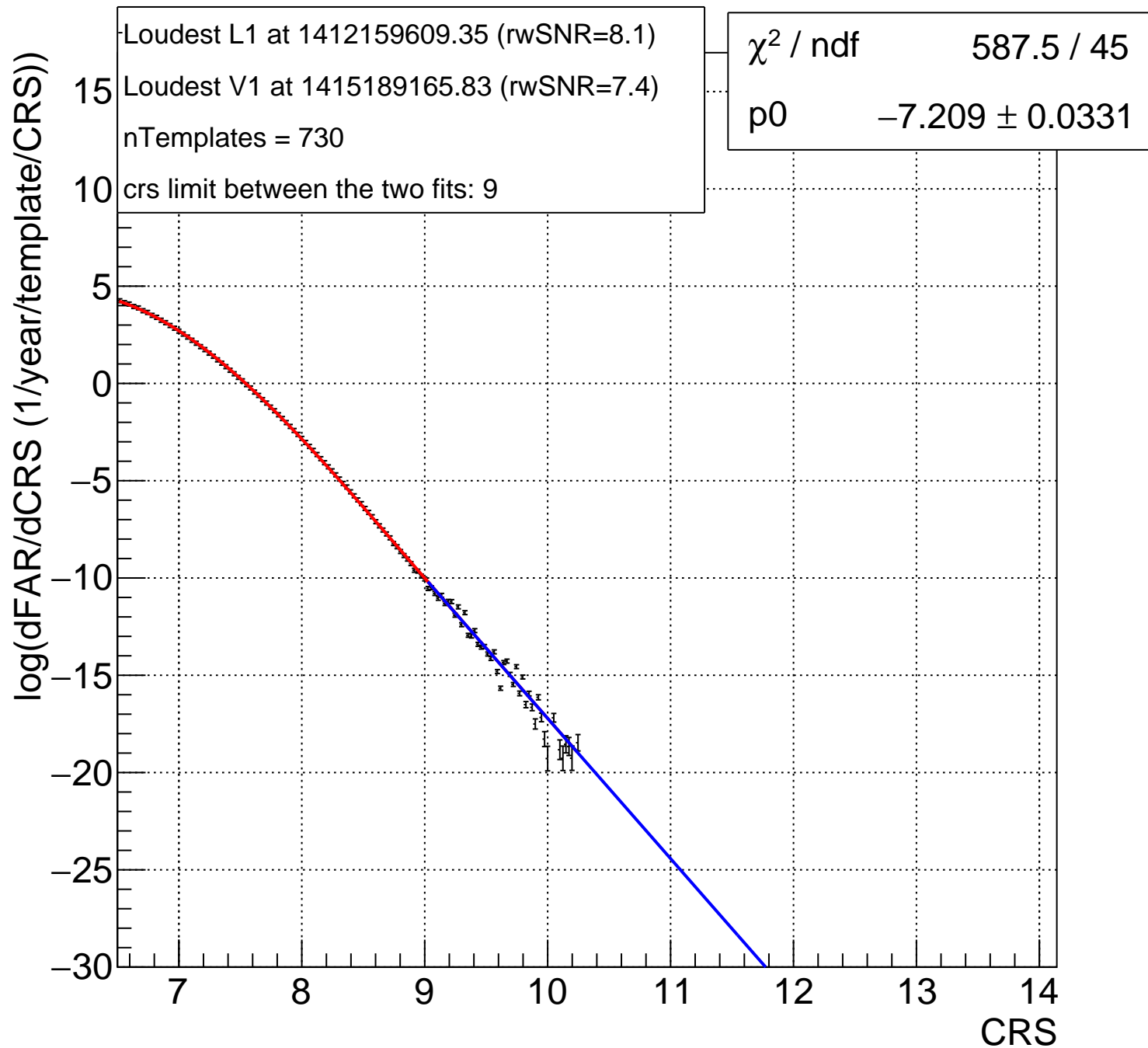
Bin:107 2.403<mChirp<2.522 and 0.6667<m2/m1<1, no 1 band



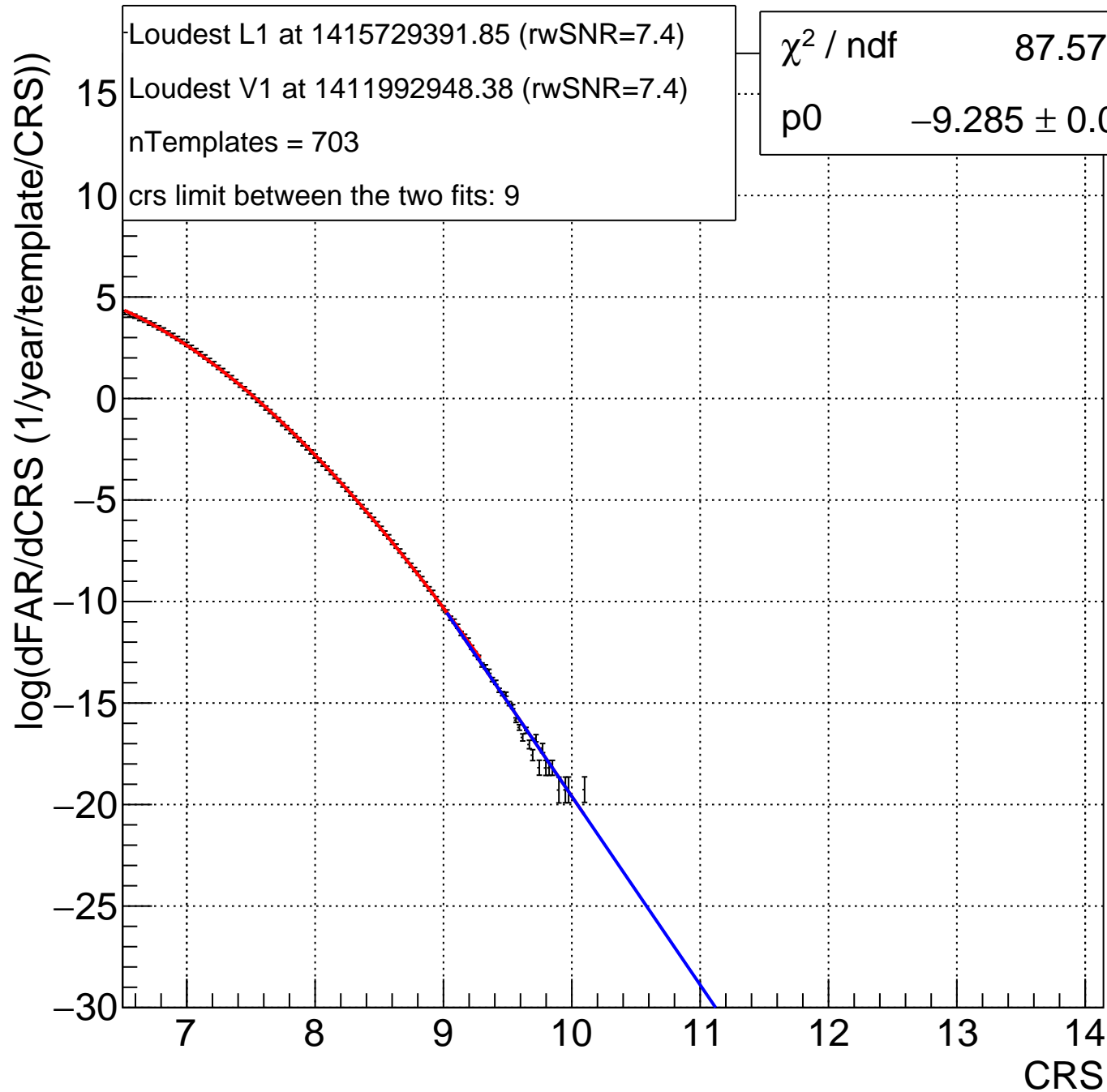
Bin:108 2.522<mChirp<2.648 and 0.6667<m2/m1<1, no 1 band



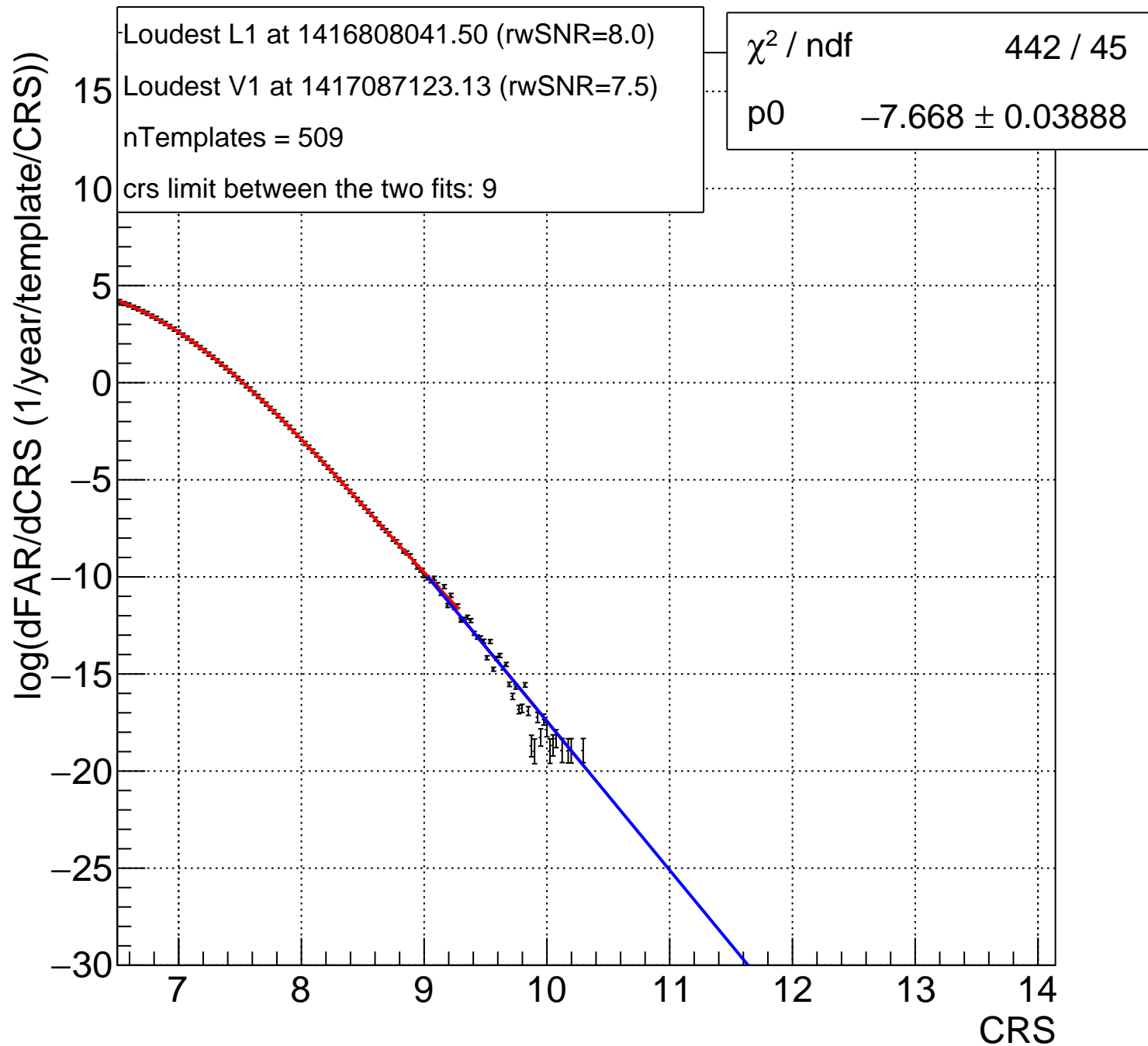
Bin:109 2.648<mChirp<2.78 and 0.6667<m2/m1<1, no 1 band



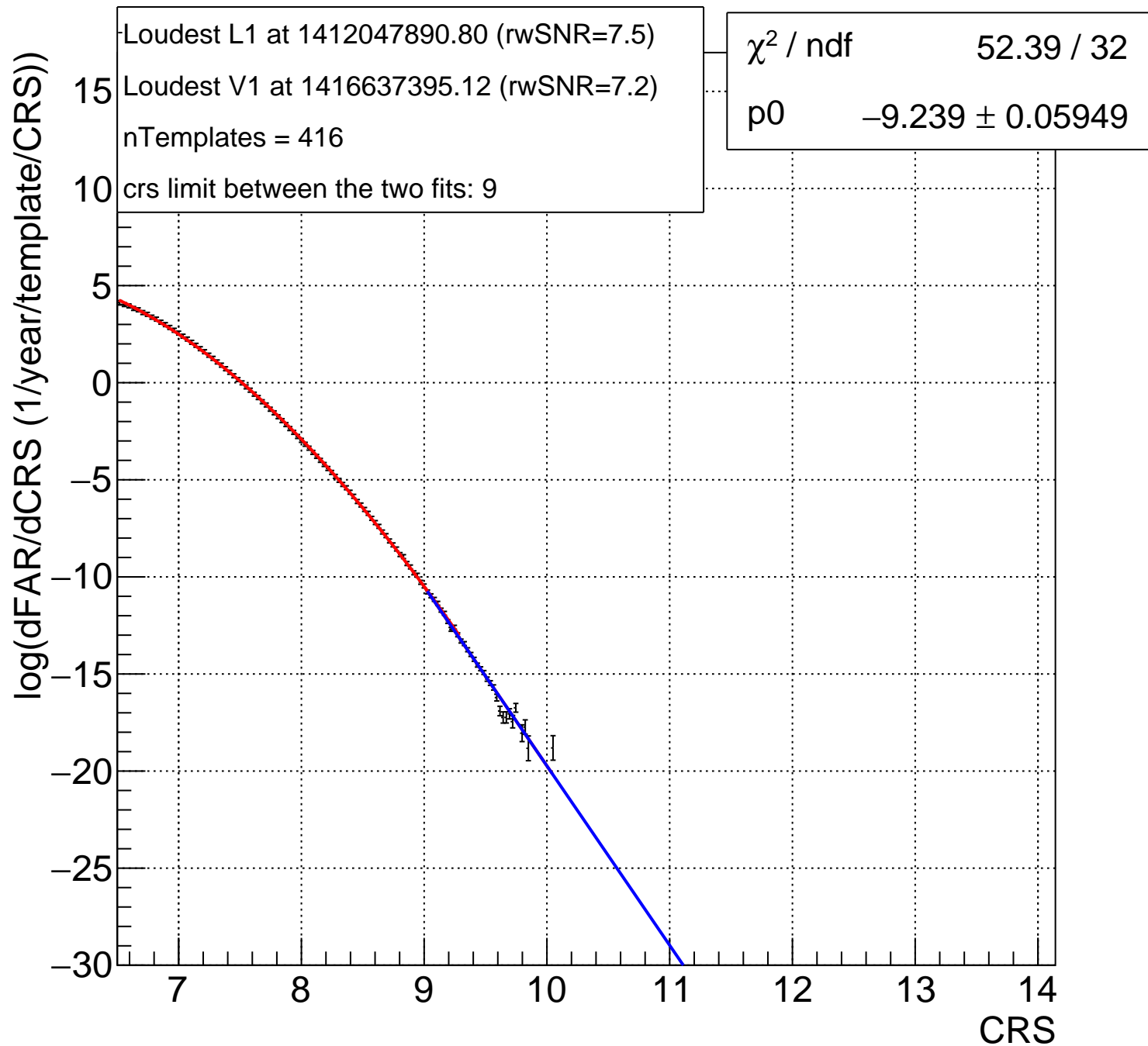
Bin:110 2.78<mChirp<2.918 and 0.6667<m2/m1<1, no 1 band



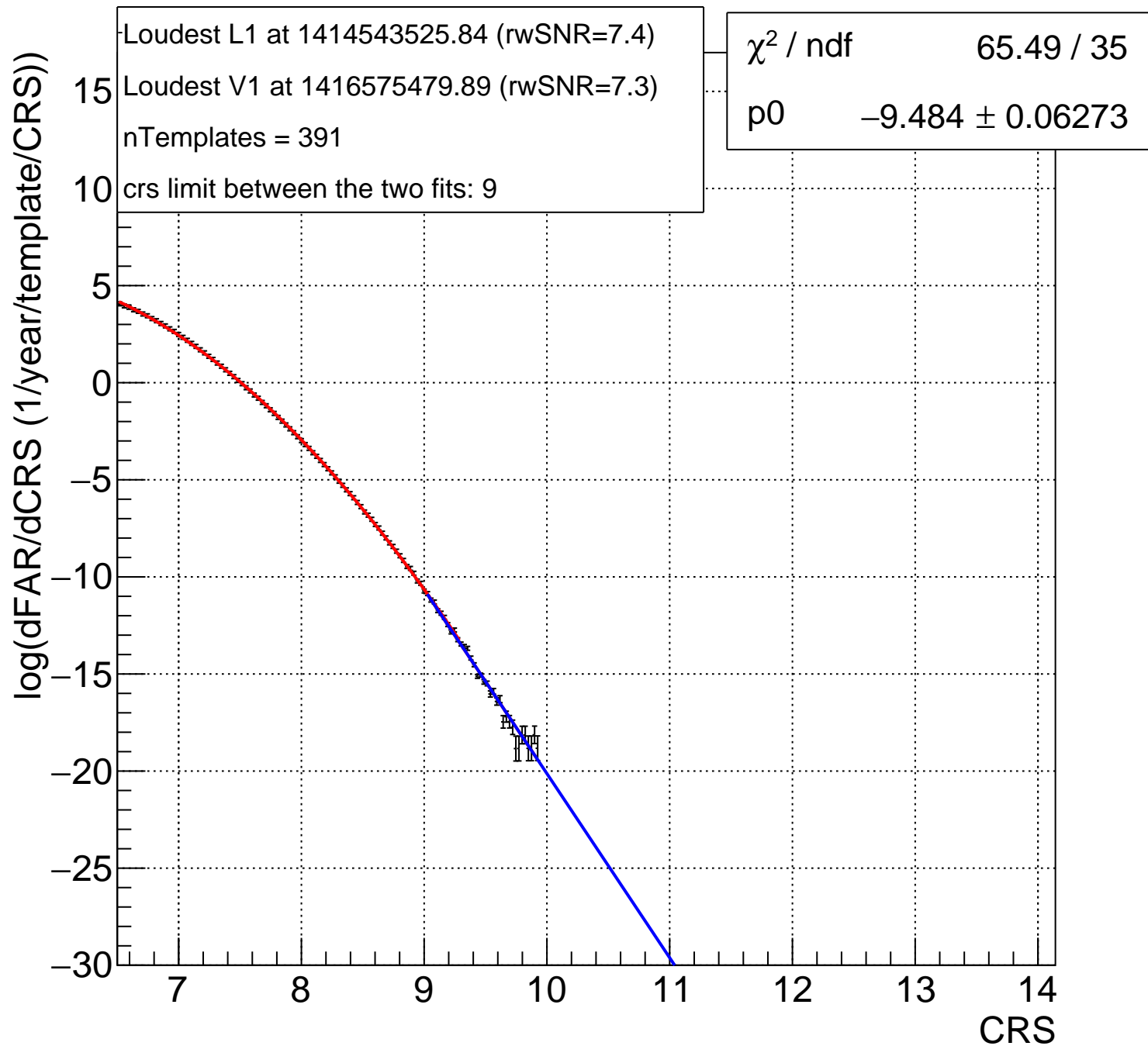
Bin:111 2.918<mChirp<3.064 and 0.6667<m2/m1<1, no 1 band



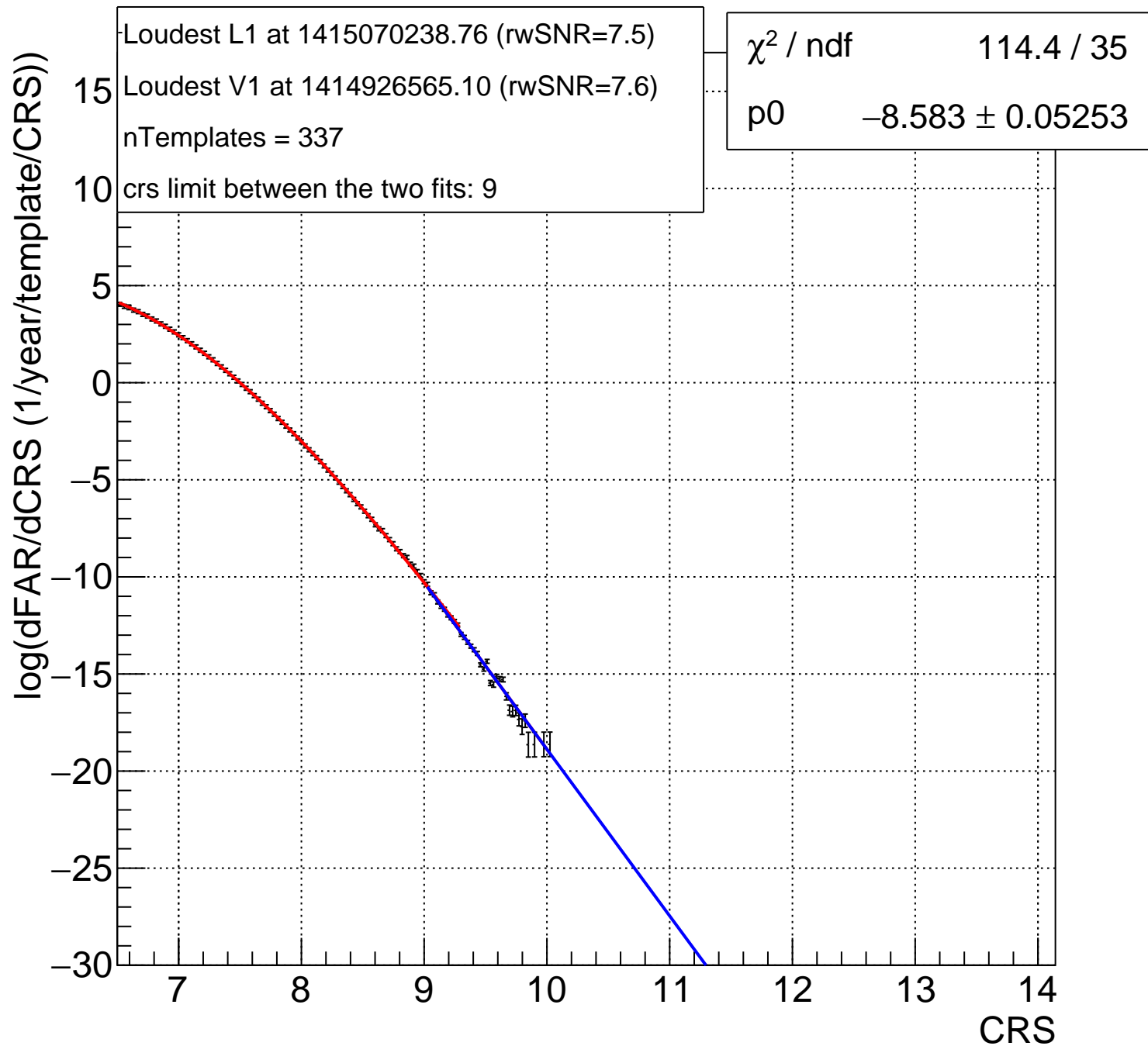
Bin:112 3.064<mChirp<3.216 and 0.6667<m2/m1<1, no 1 band



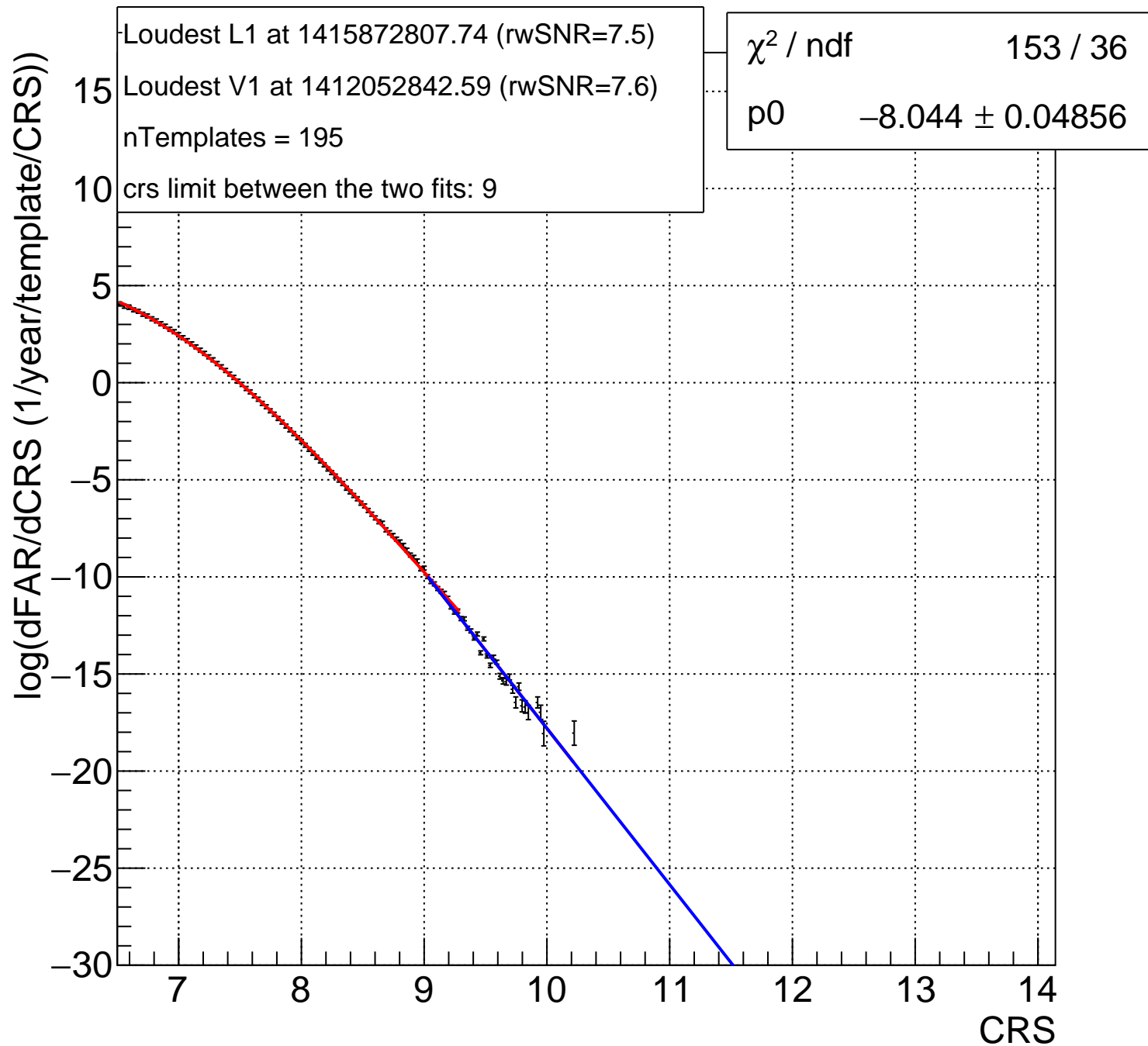
Bin:113 3.216<mChirp<3.376 and 0.6667<m2/m1<1, no 1 band



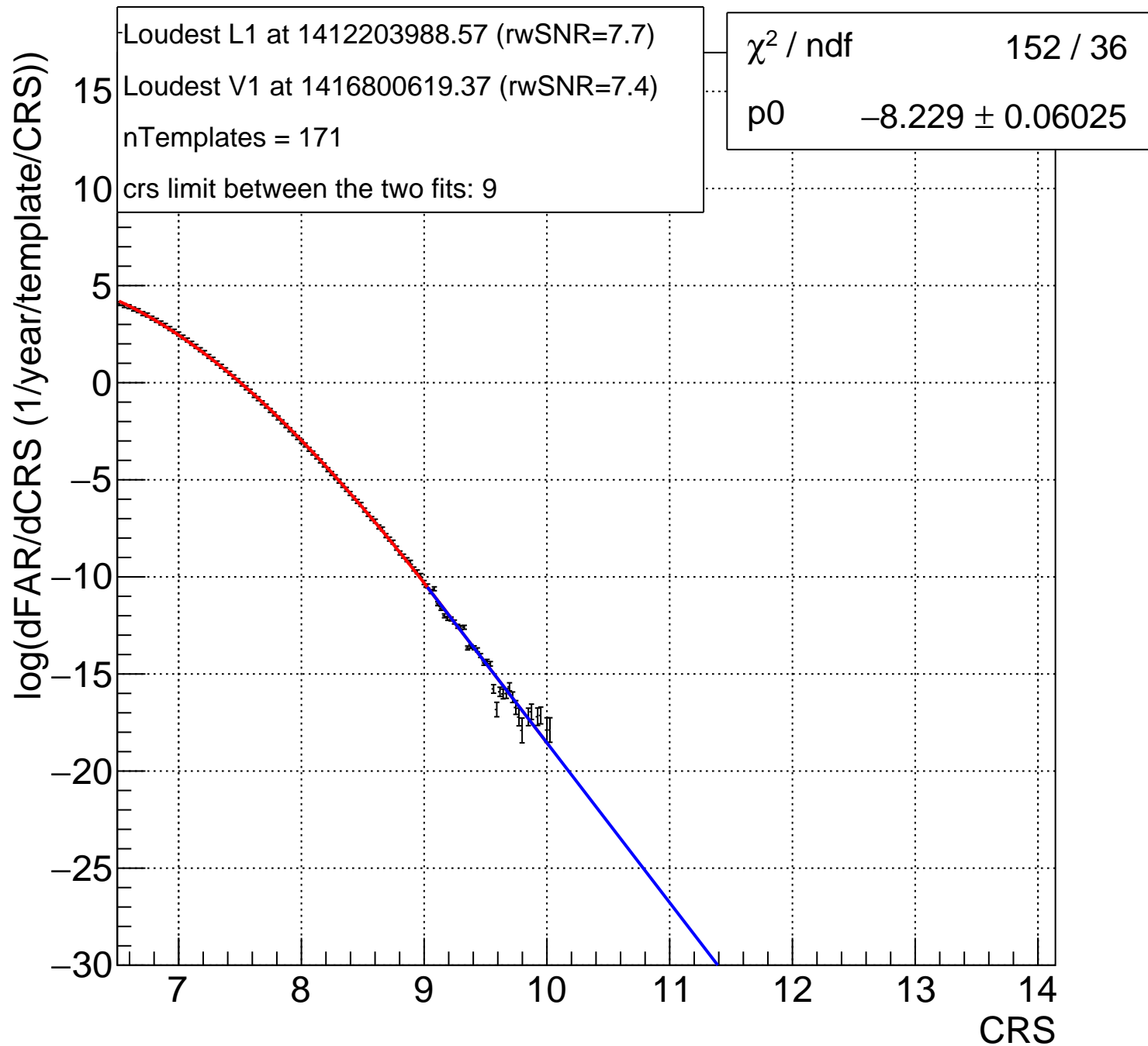
Bin:114 3.376<mChirp<3.545 and 0.6667<m2/m1<1, no 1 band



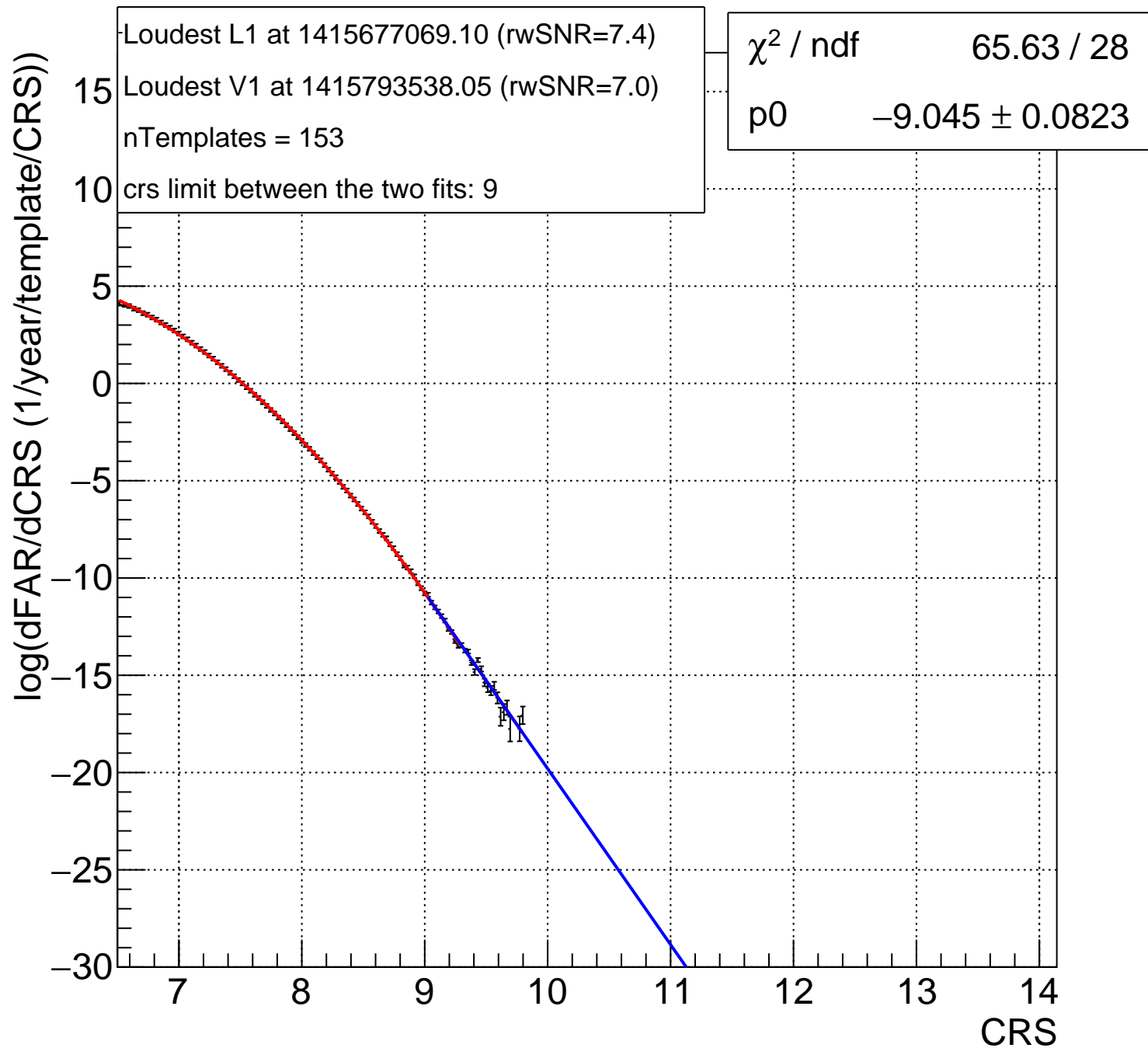
Bin:115 3.545<mChirp<3.721 and 0.6667<m2/m1<1, no 1 band



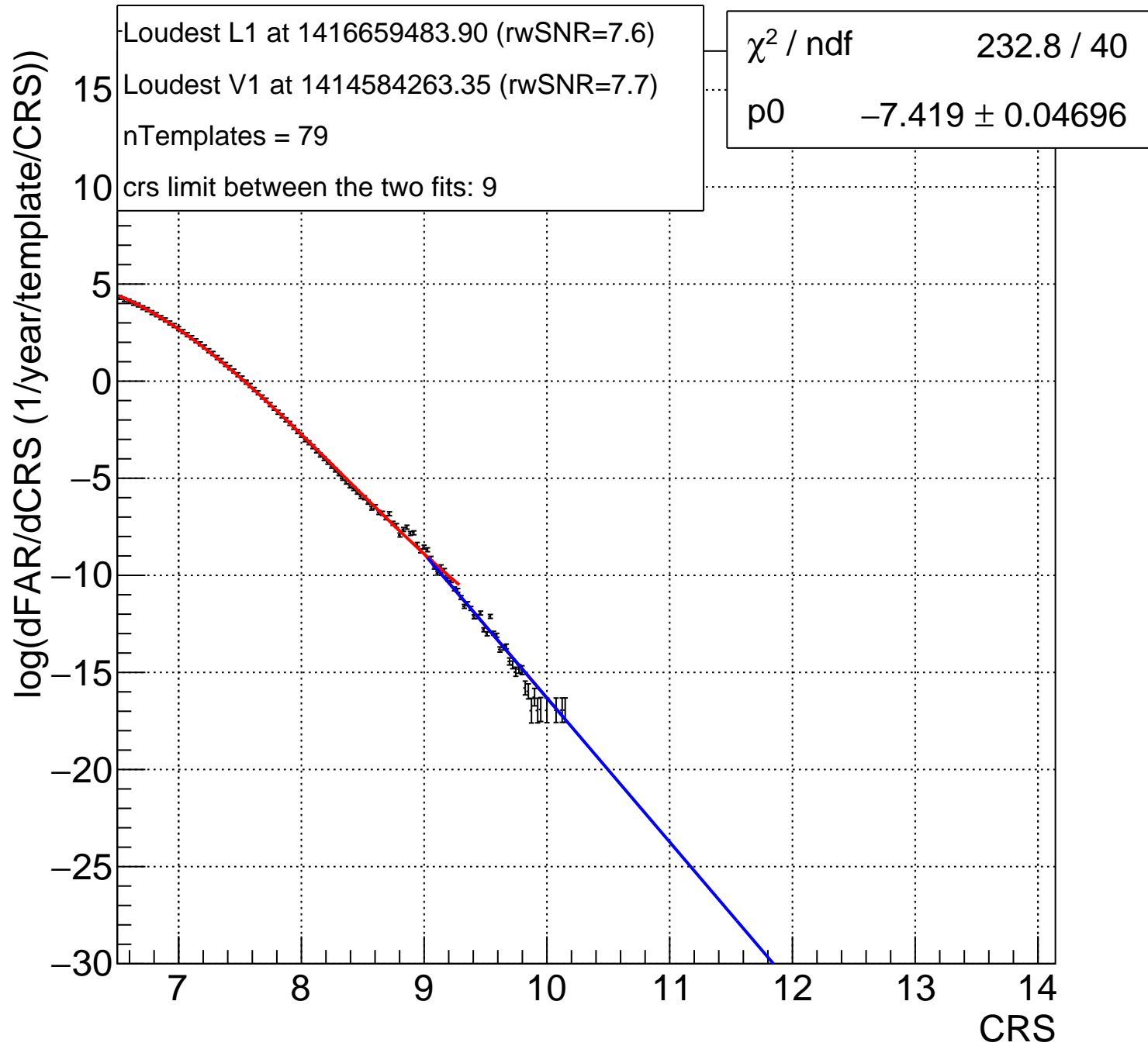
Bin:116 3.721<mChirp<3.907 and 0.6667<m2/m1<1, no 1 band



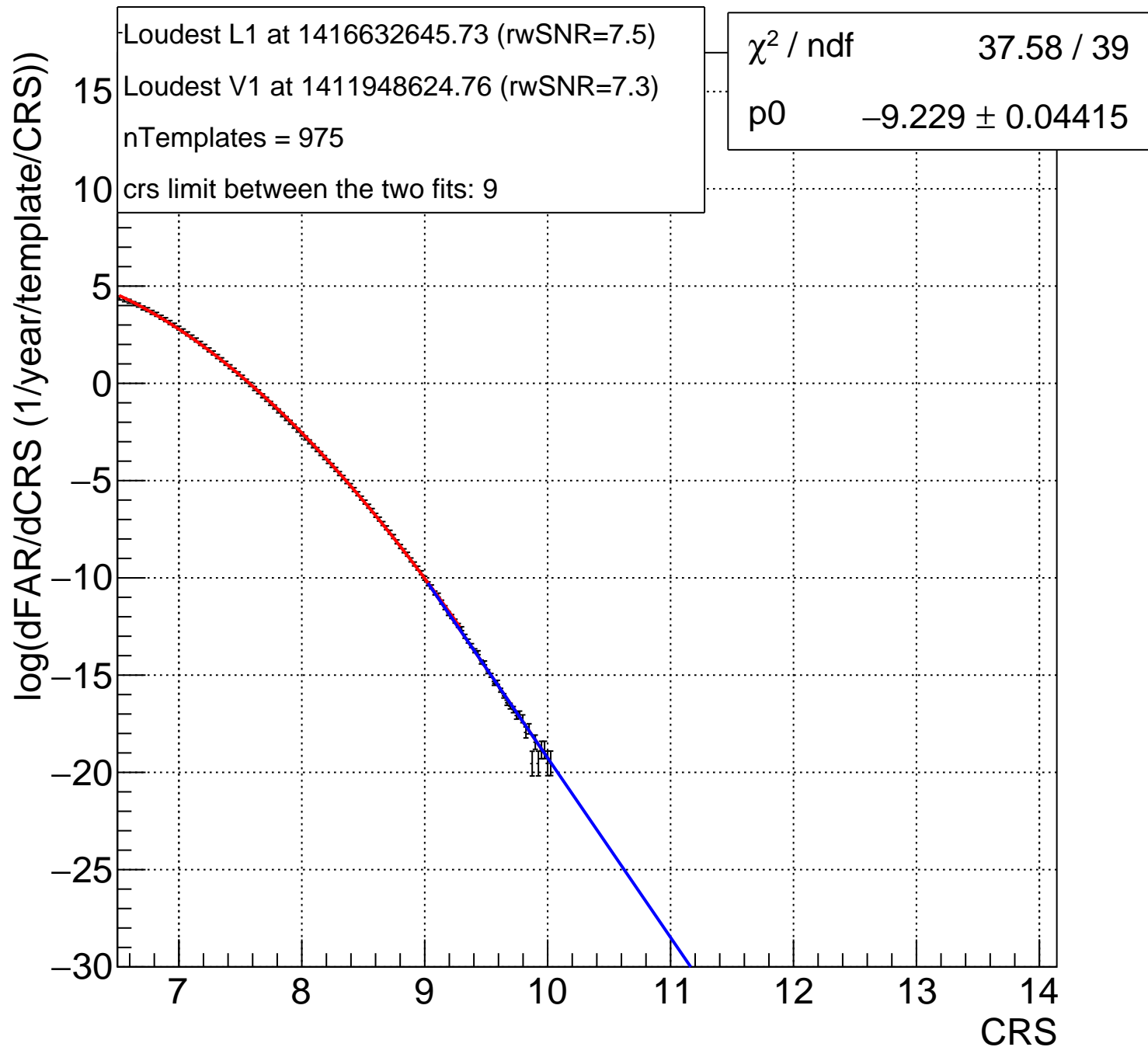
Bin:117 3.907<mChirp<4.101 and 0.6667<m2/m1<1, no 1 band



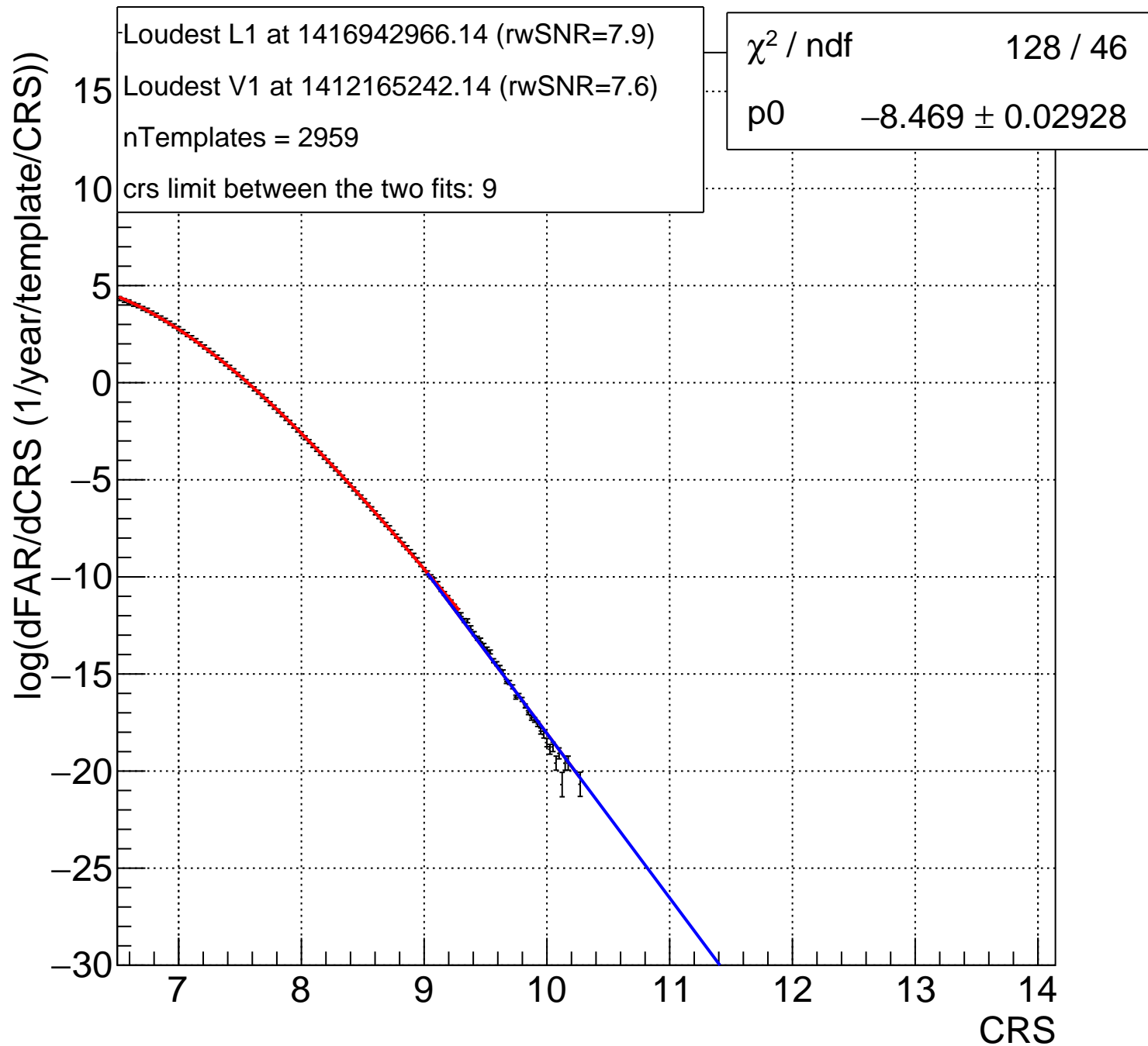
Bin:118 4.101<mChirp<4.305 and 0.6667<m2/m1<1, no 1 band



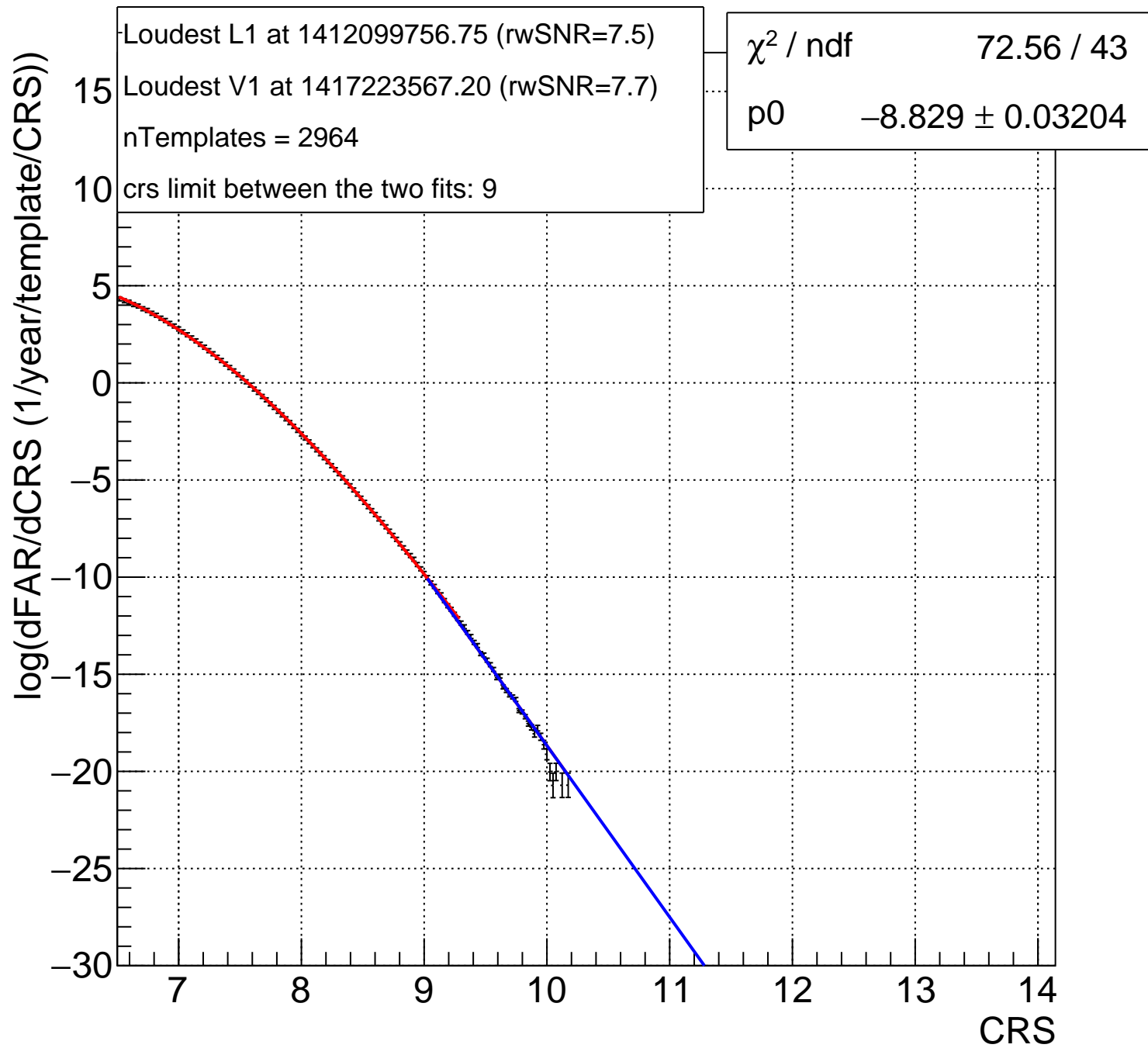
Bin:119 4.305<mChirp<4.52 and 0.6667<m2/m1<1, no 1 band



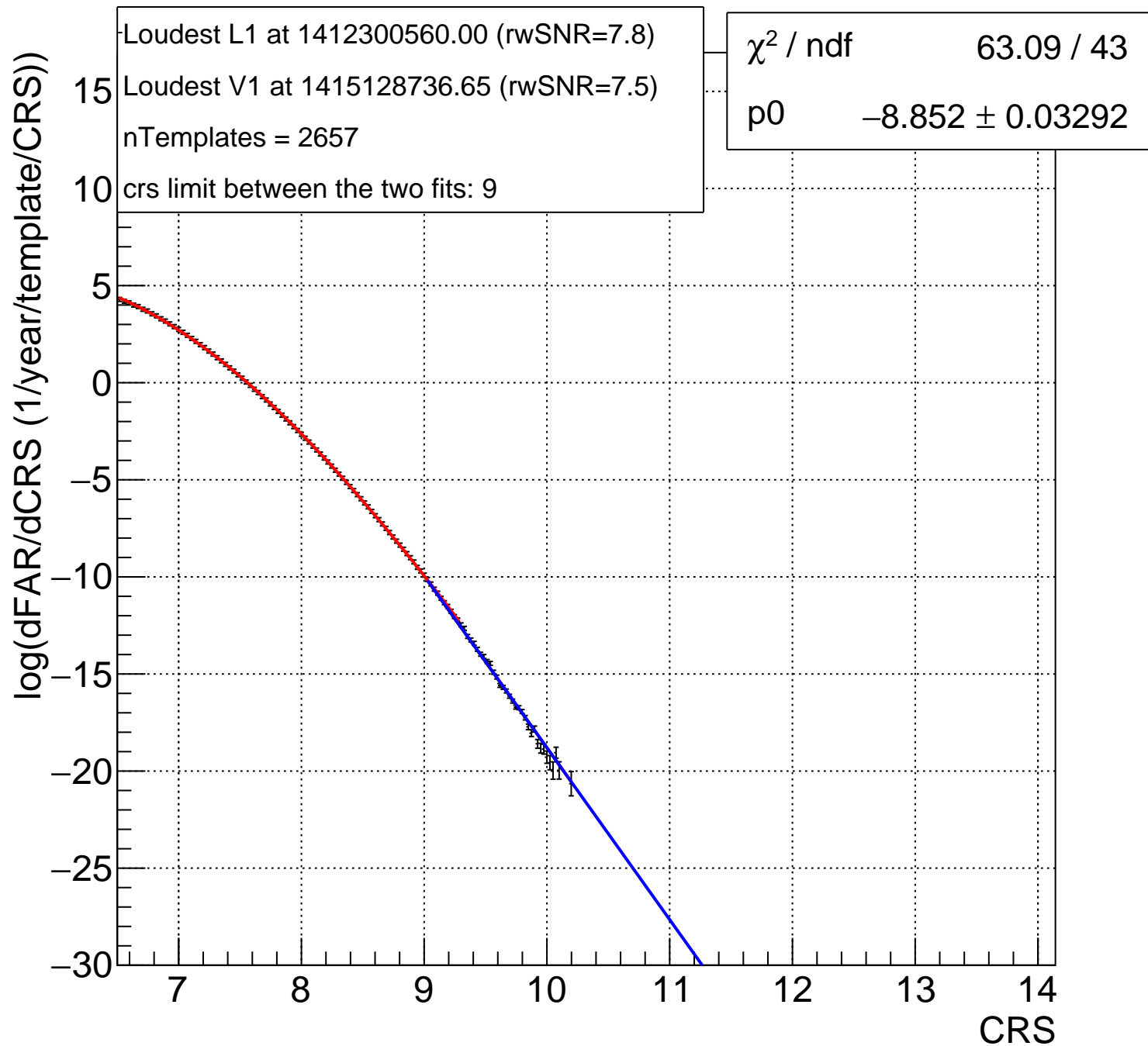
Bin:120 4.52<mChirp<4.745 and 0.6667<m2/m1<1, no 1 band



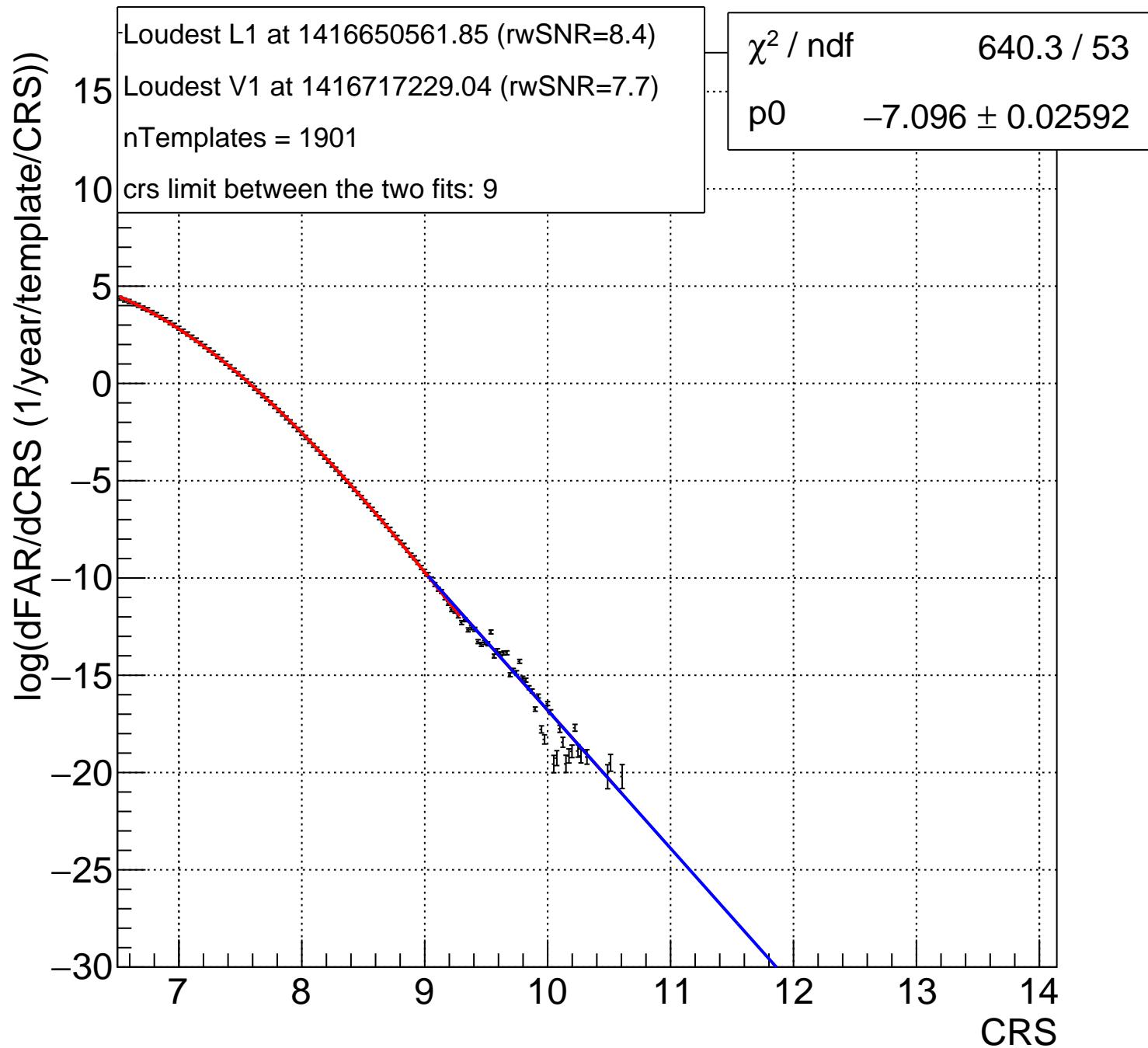
Bin:121 4.745<mChirp<4.981 and 0.6667<m2/m1<1, no 1 band



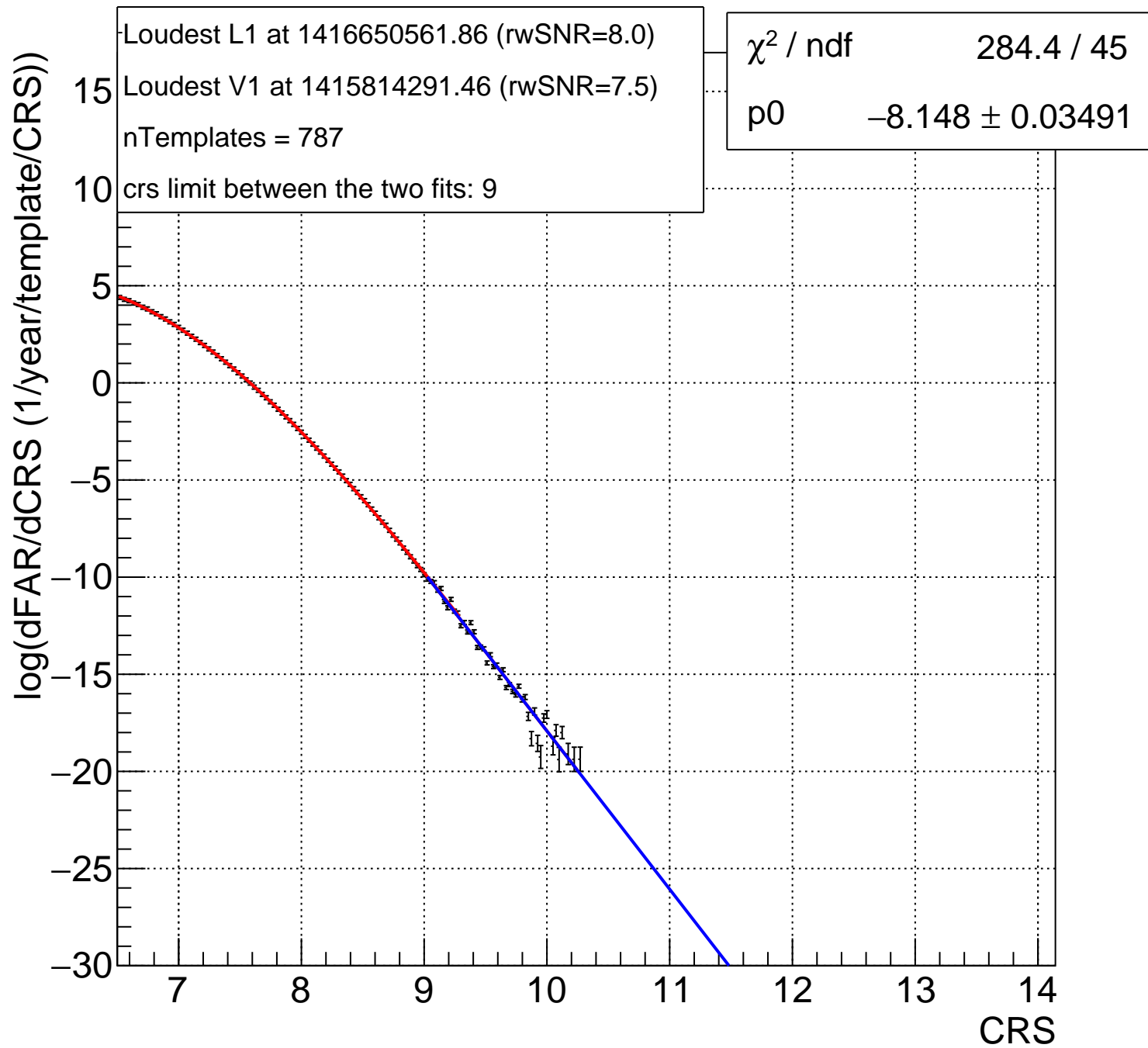
Bin:122 4.981<mChirp<5.229 and 0.6667<m2/m1<1, no 1 band



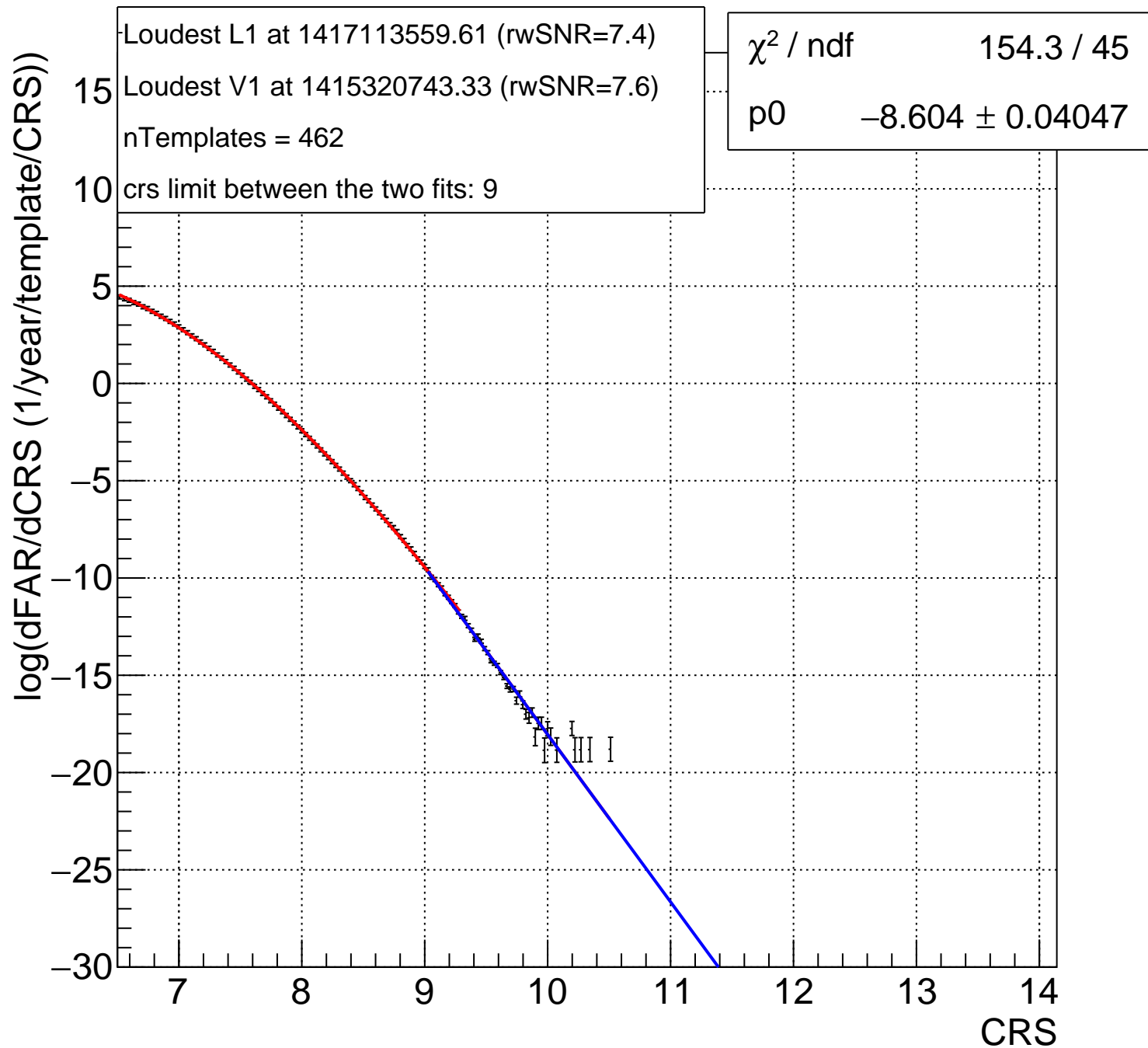
Bin:123 5.229<mChirp<5.49 and 0.6667<m2/m1<1, no 1 band



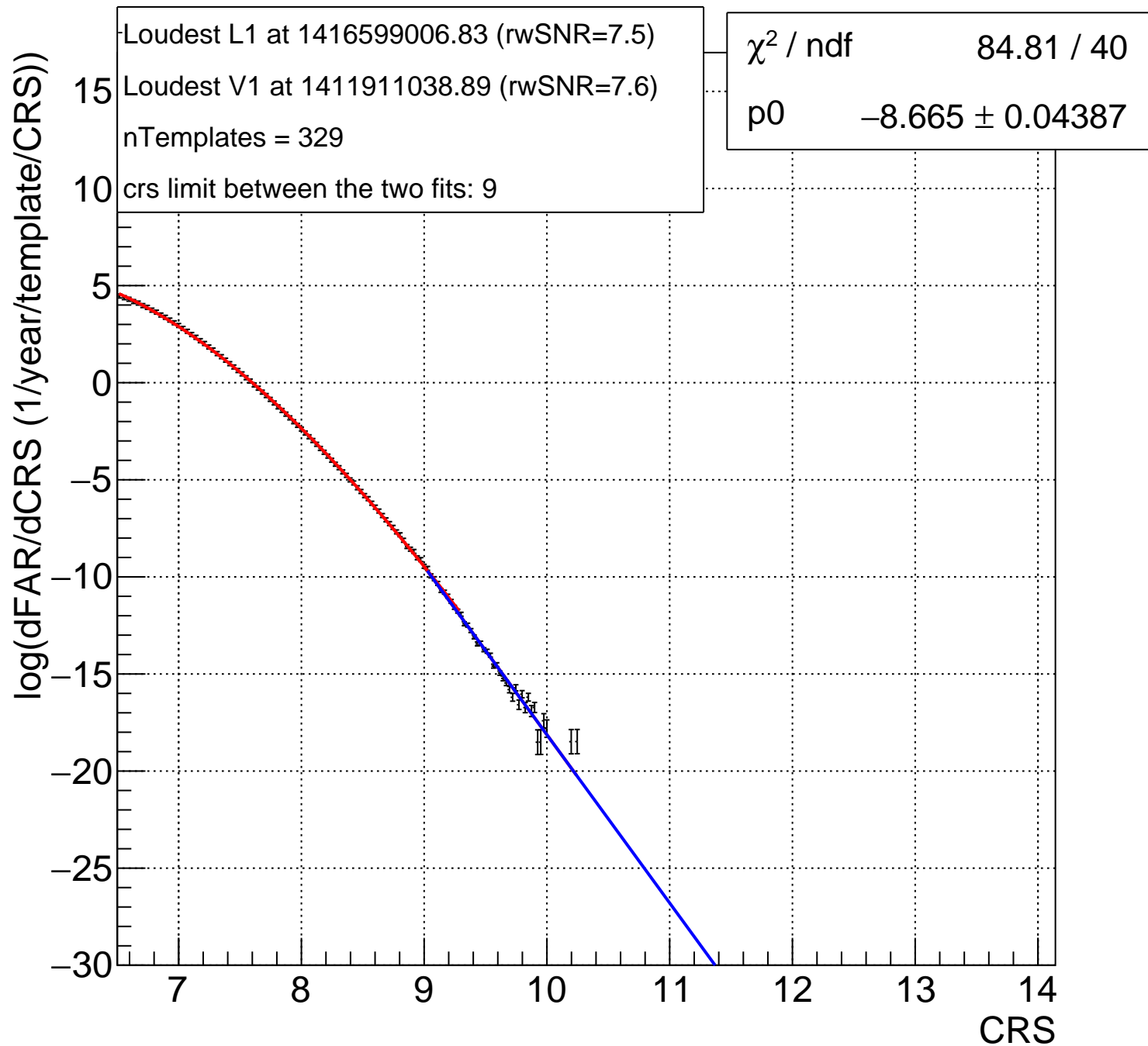
Bin:124 5.49<mChirp<5.763 and 0.6667<m2/m1<1, no 1 band



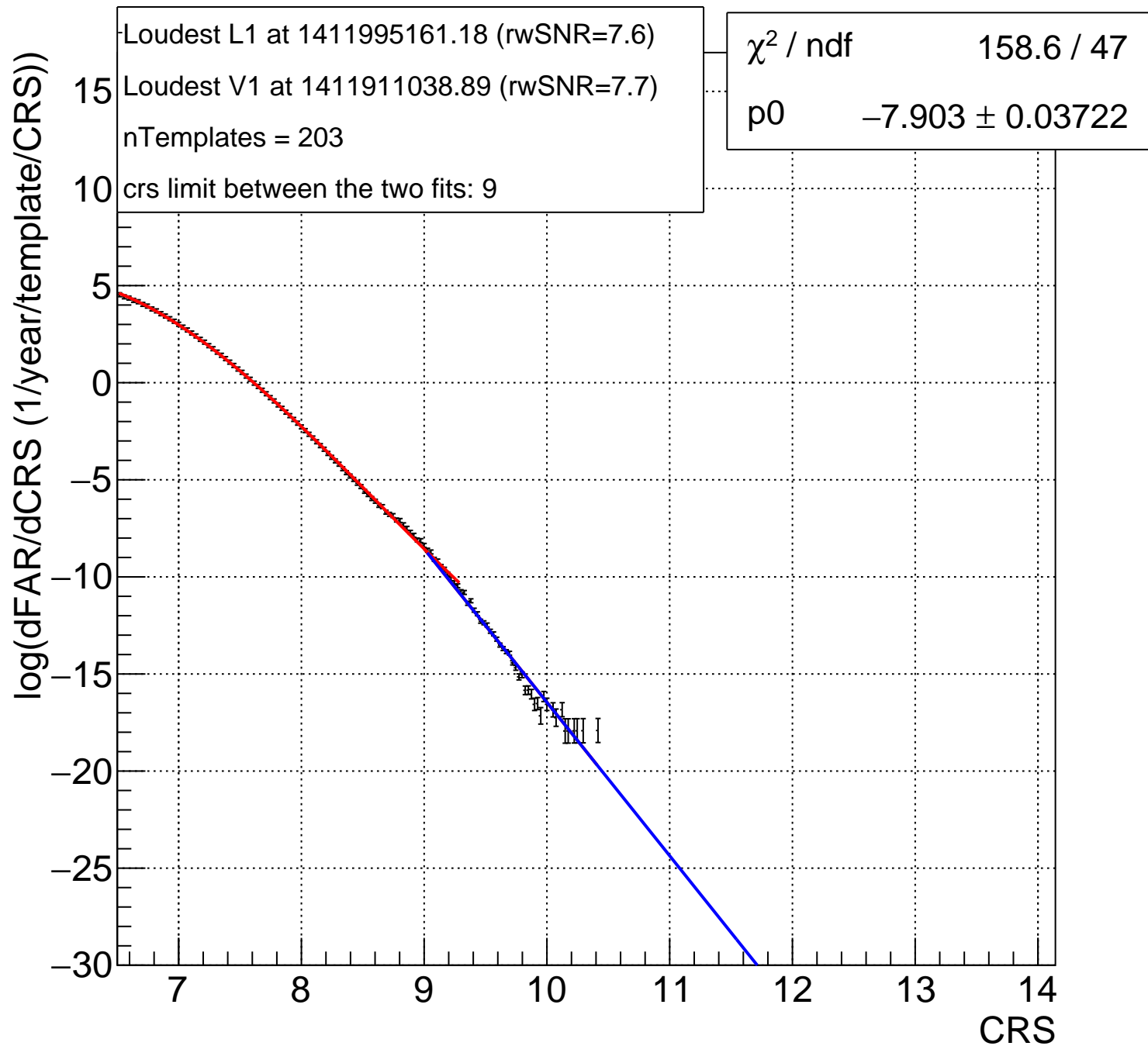
Bin:125 5.763<mChirp<6.05 and 0.6667<m2/m1<1, no 1 band



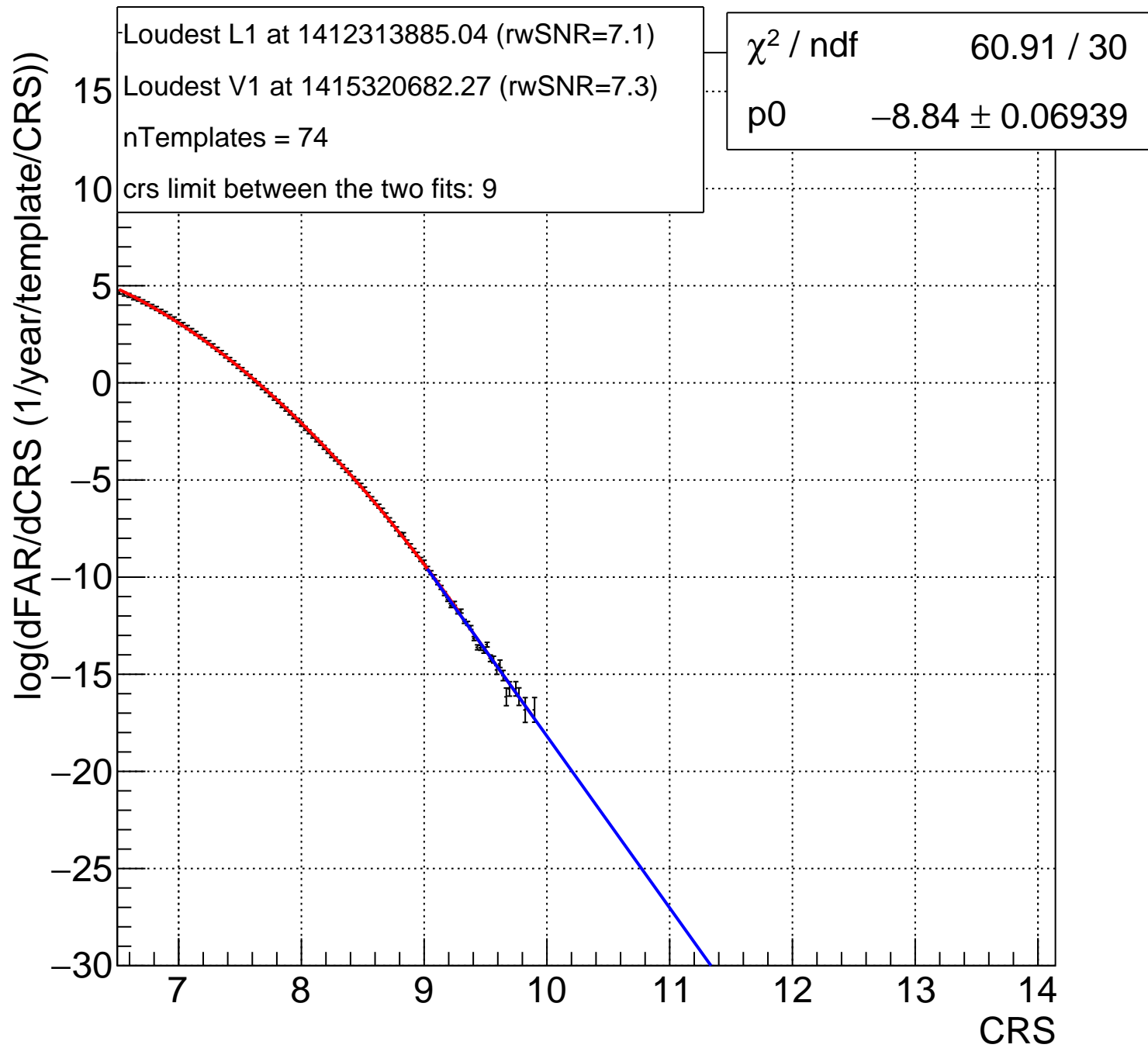
Bin:126 6.05<mChirp<6.352 and 0.6667<m2/m1<1, no 1 band



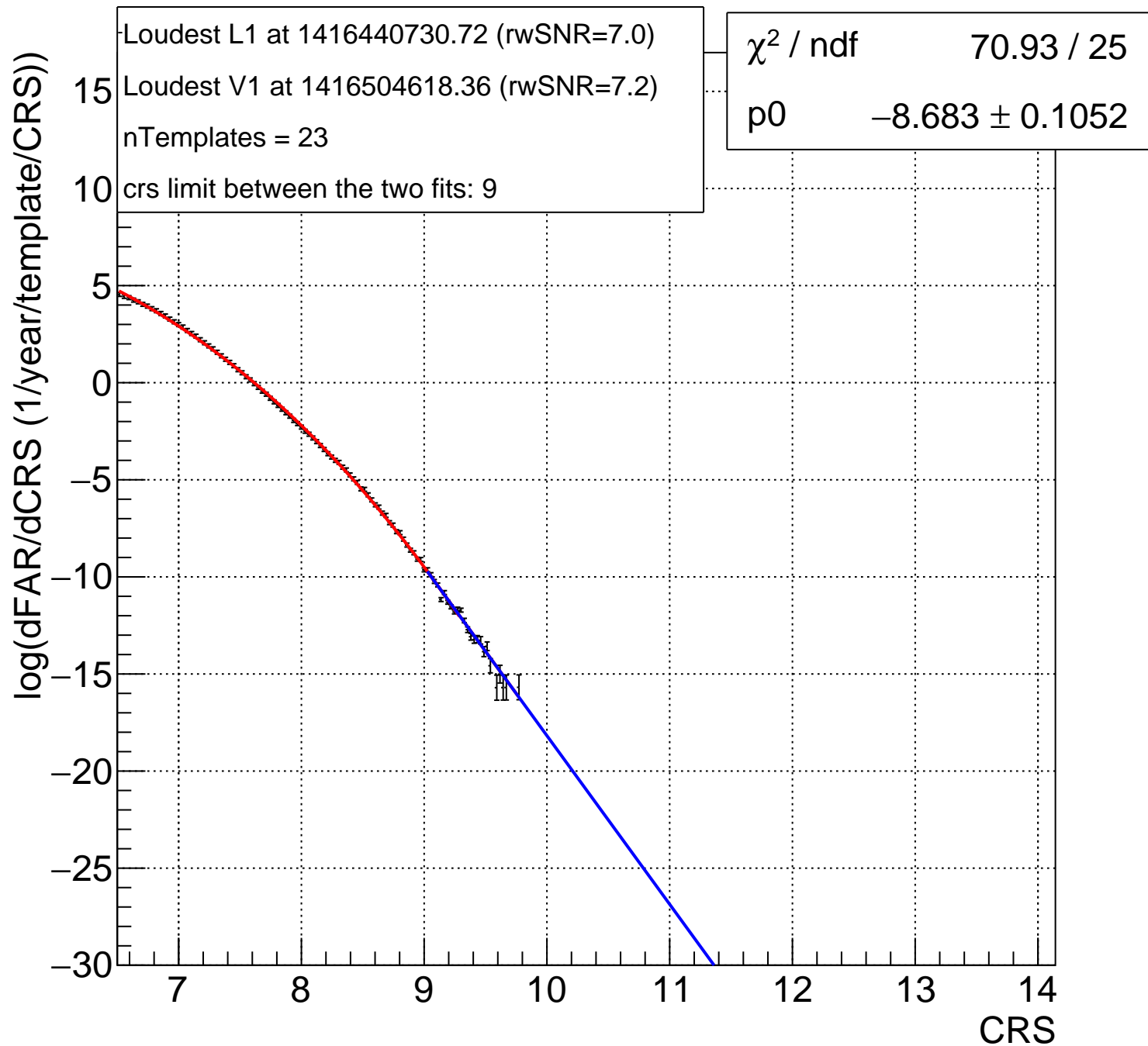
Bin:127 6.352<mChirp<6.668 and 0.6667<m2/m1<1, no 1 band



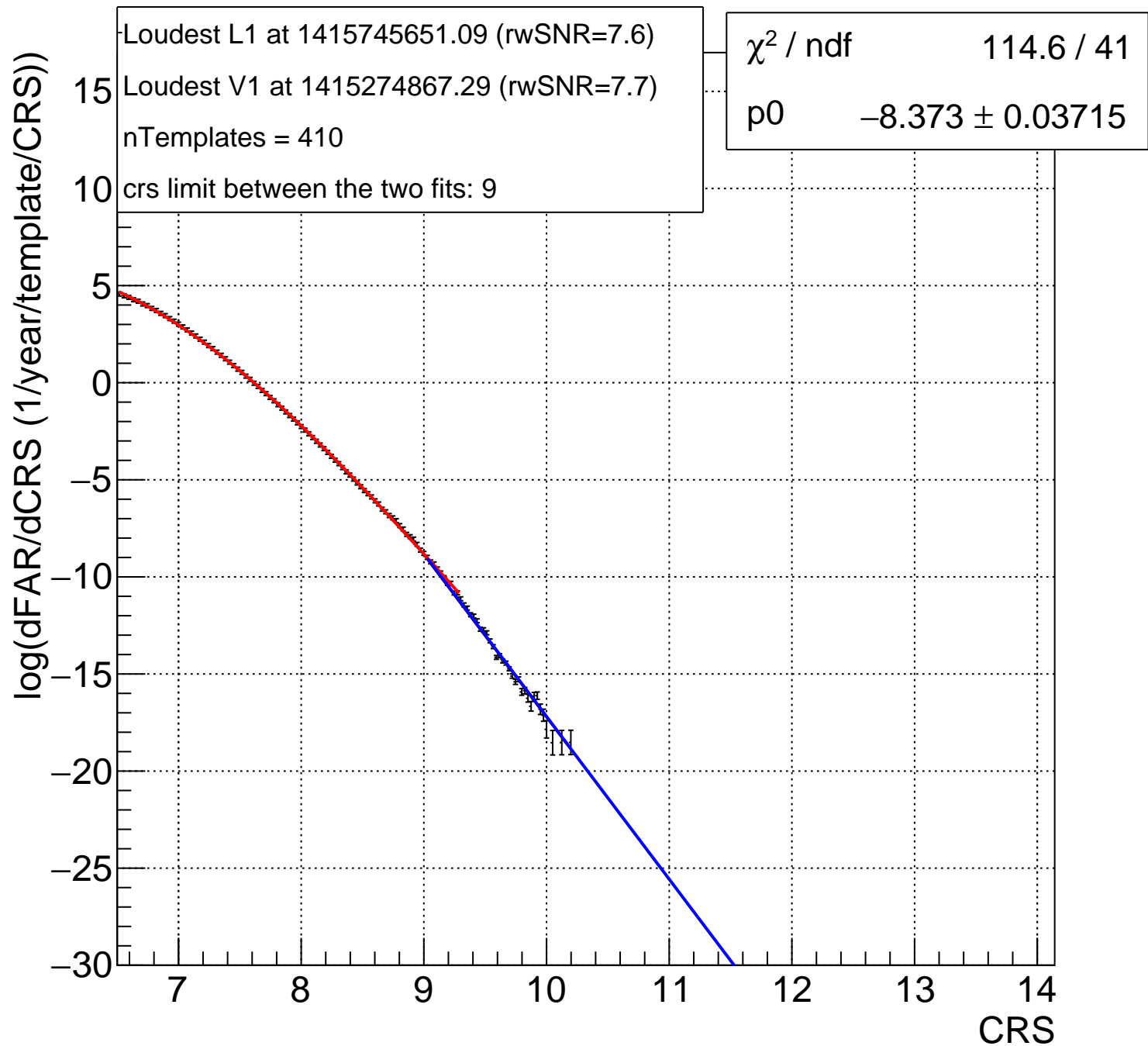
Bin:128  $6.668 < m_{\text{Chirp}} < 7$  and  $0.6667 < m_2/m_1 < 1$ , no 1 band



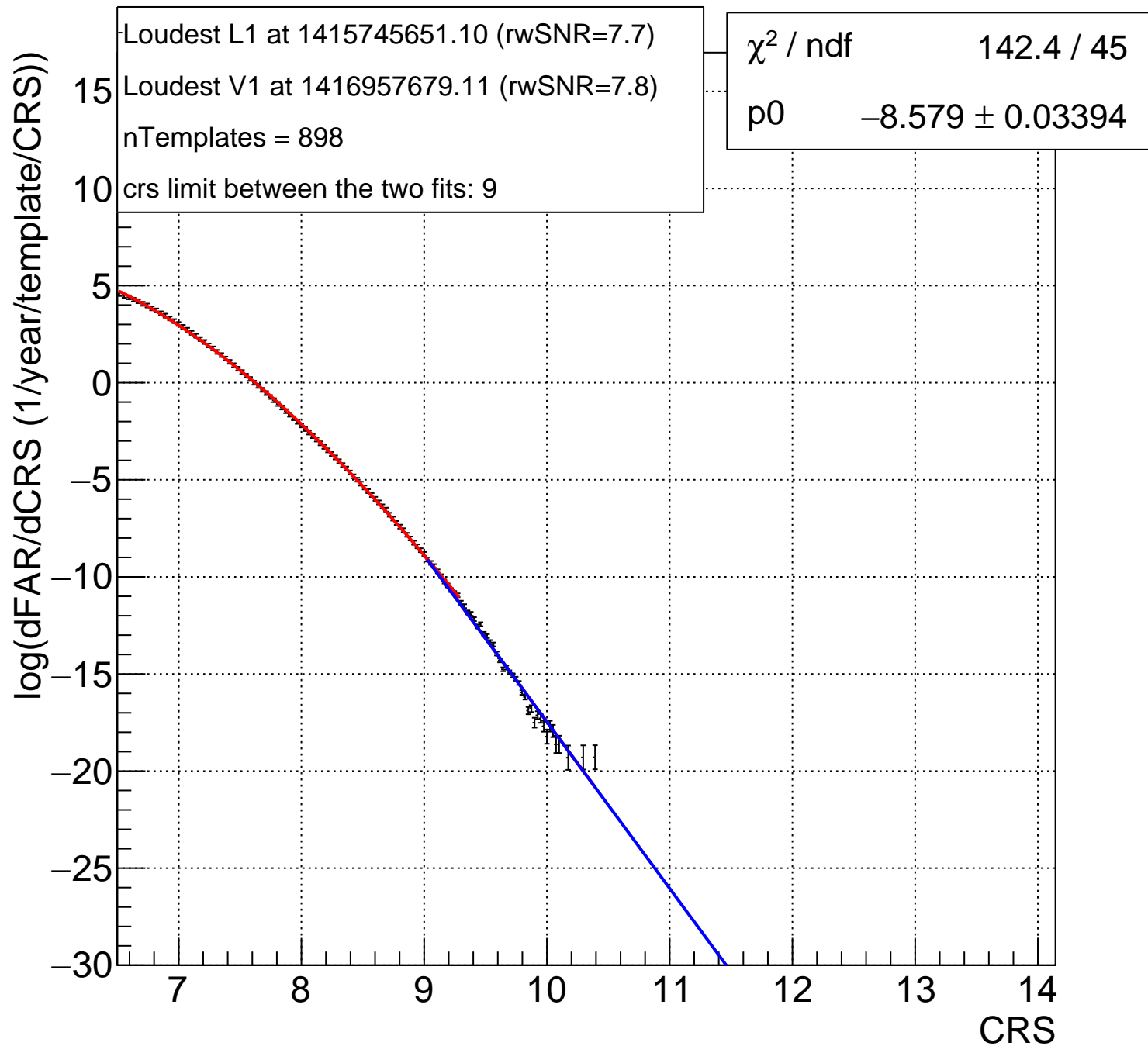
Bin:129 16.08<mTot<17.52 and -1<chiEff<-0.3333



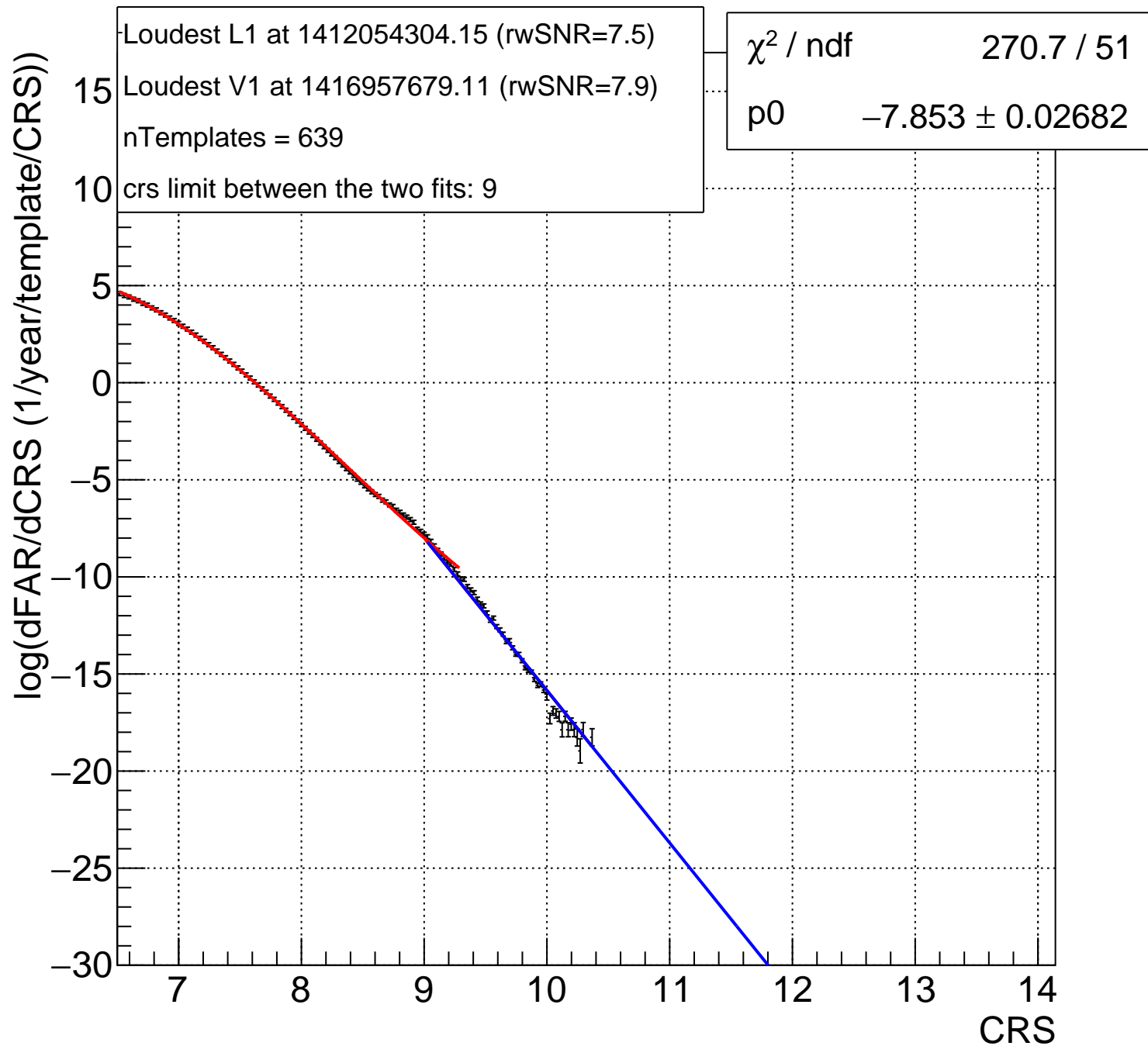
Bin:130 17.52<mTot<19.1 and -1<chiEff<-0.3333



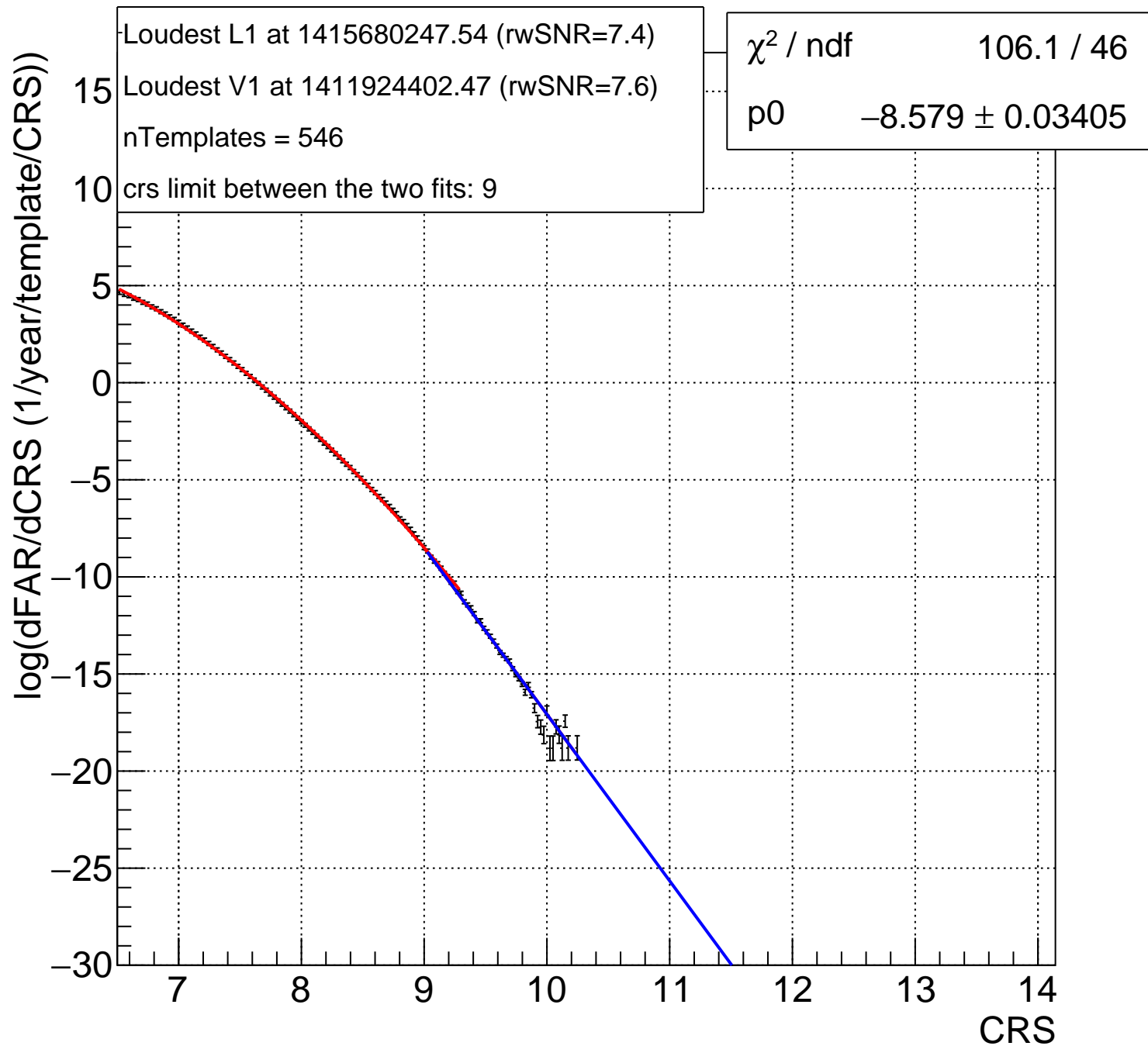
Bin:131 19.1<mTot<20.81 and -1<chiEff<-0.3333



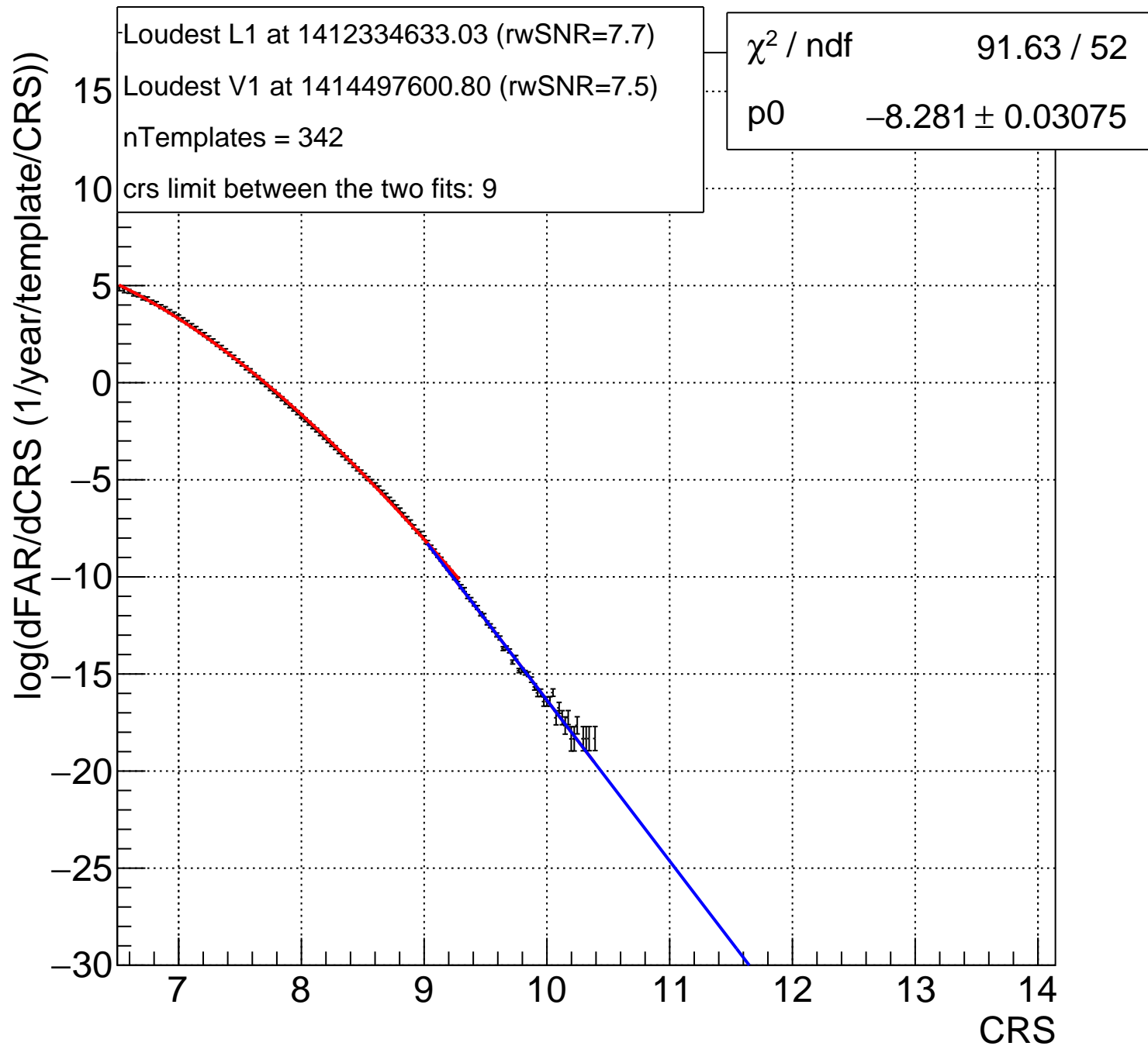
Bin:132 20.81 < mTot < 22.68 and -1 < chiEff < -0.3333



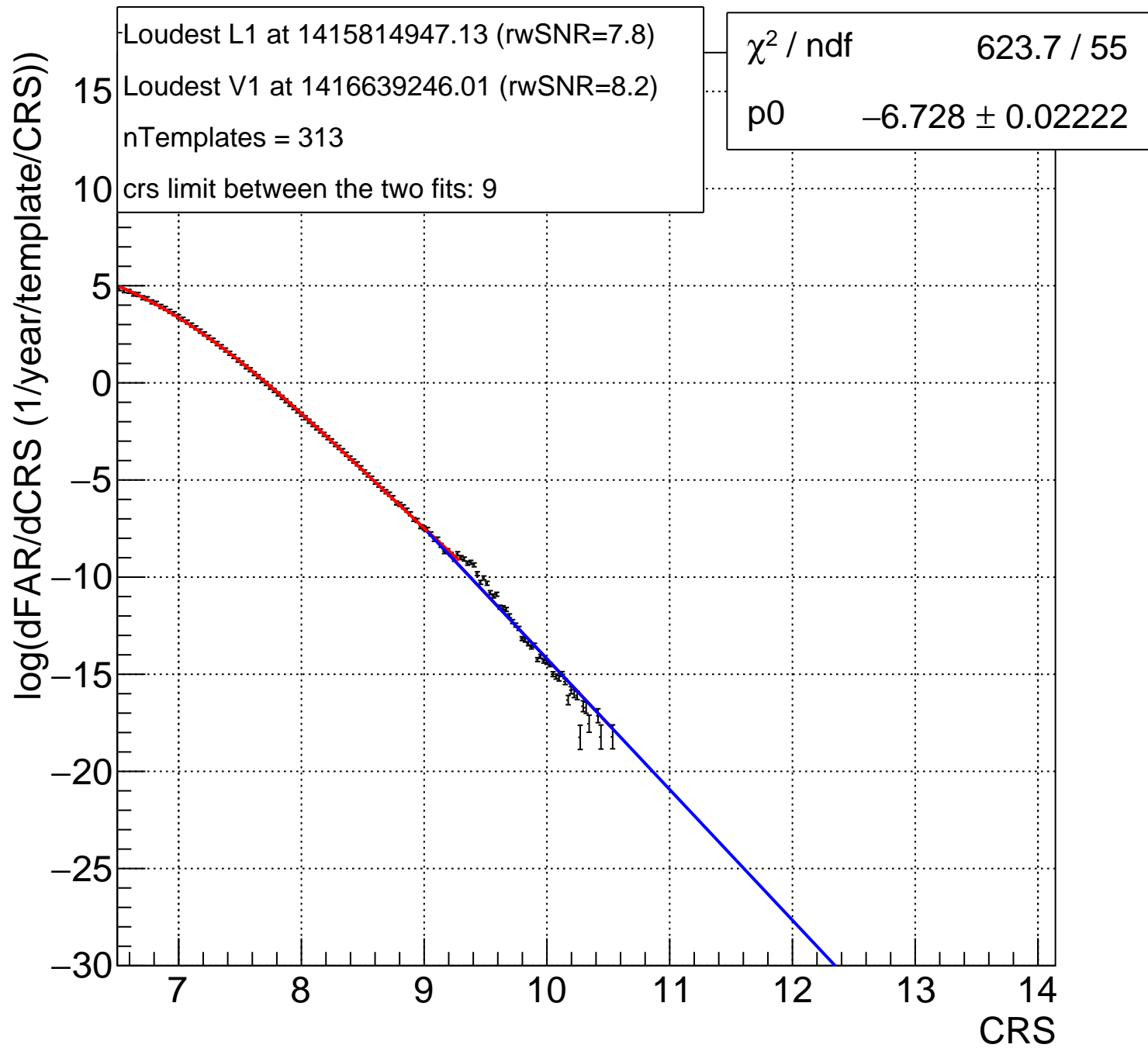
Bin:133 22.68<mTot<24.71 and -1<chiEff<-0.3333



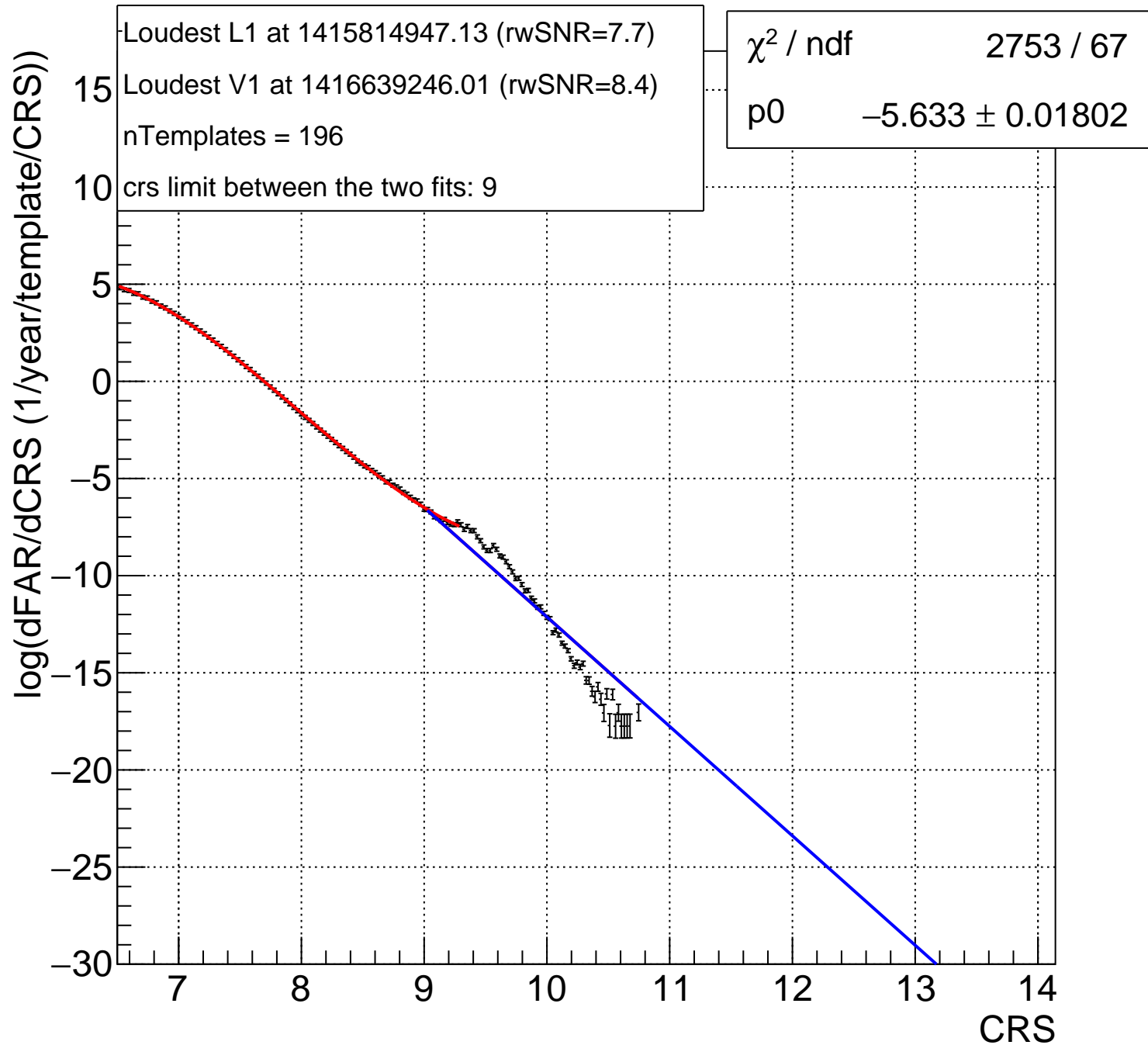
Bin:134 24.71 < mTot < 26.93 and -1 < chiEff < -0.3333



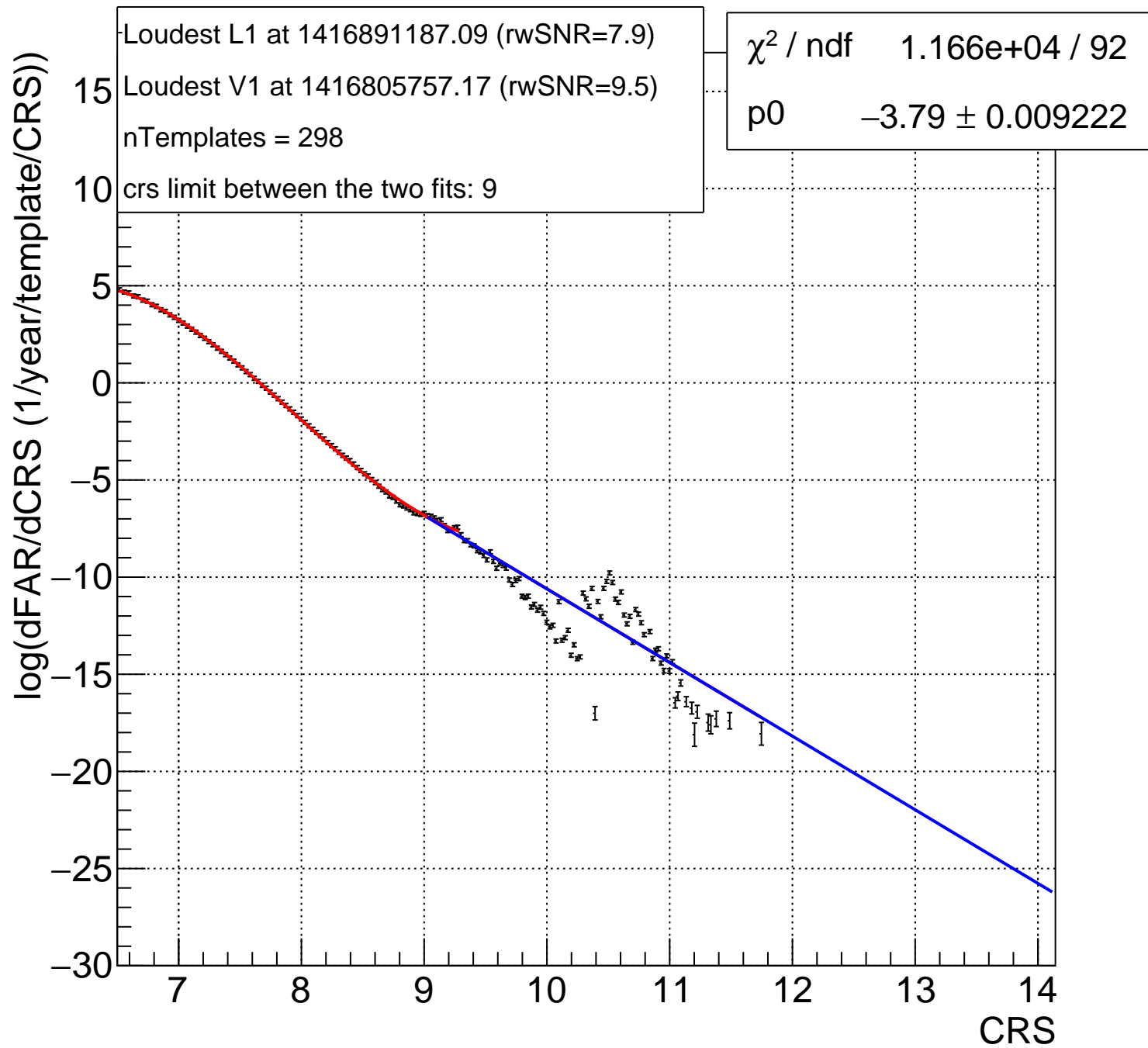
Bin:135 26.93<mTot<29.35 and -1<chiEff<-0.3333



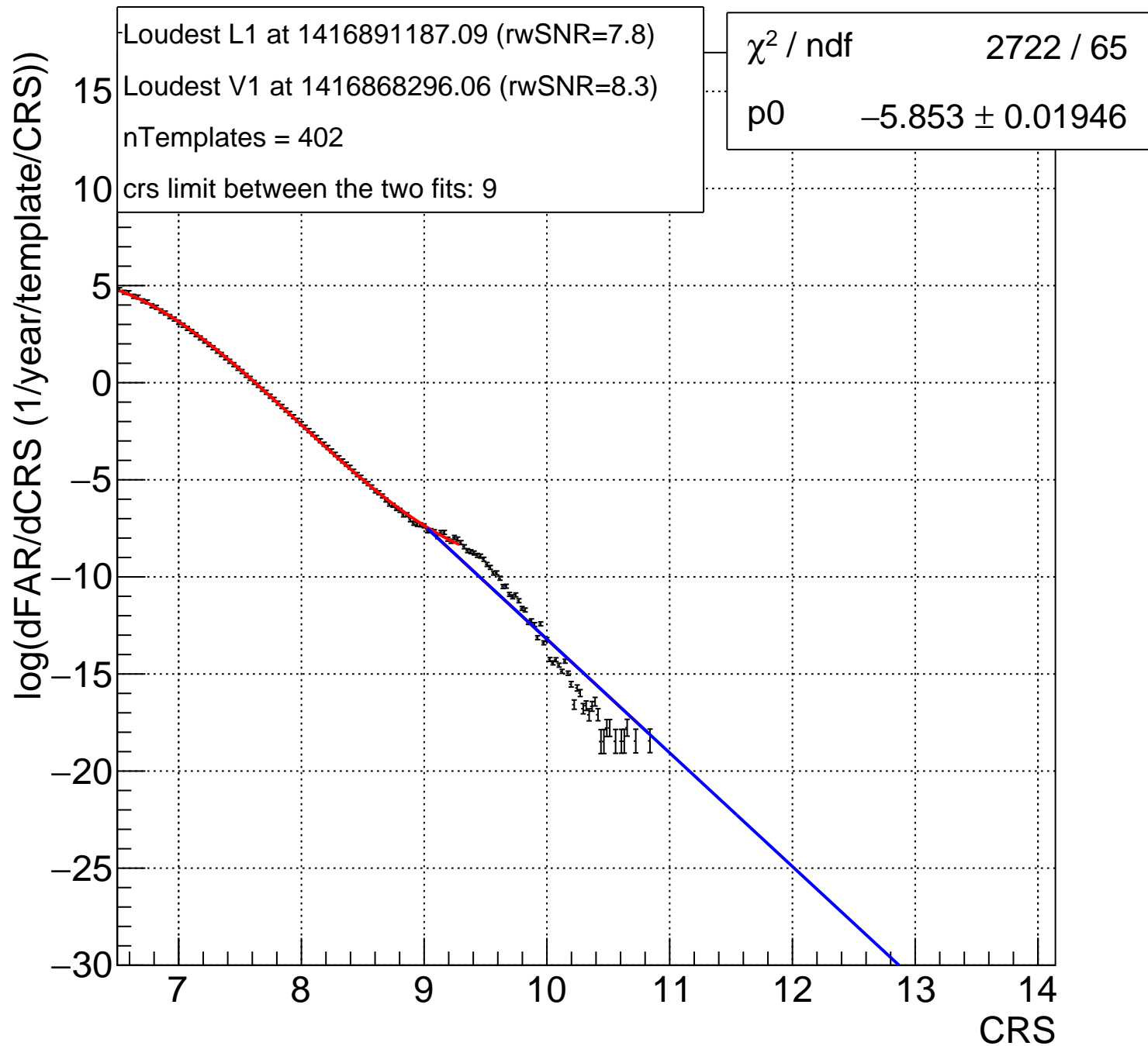
Bin:136 29.35<mTot<31.98 and -1<chiEff<-0.3333



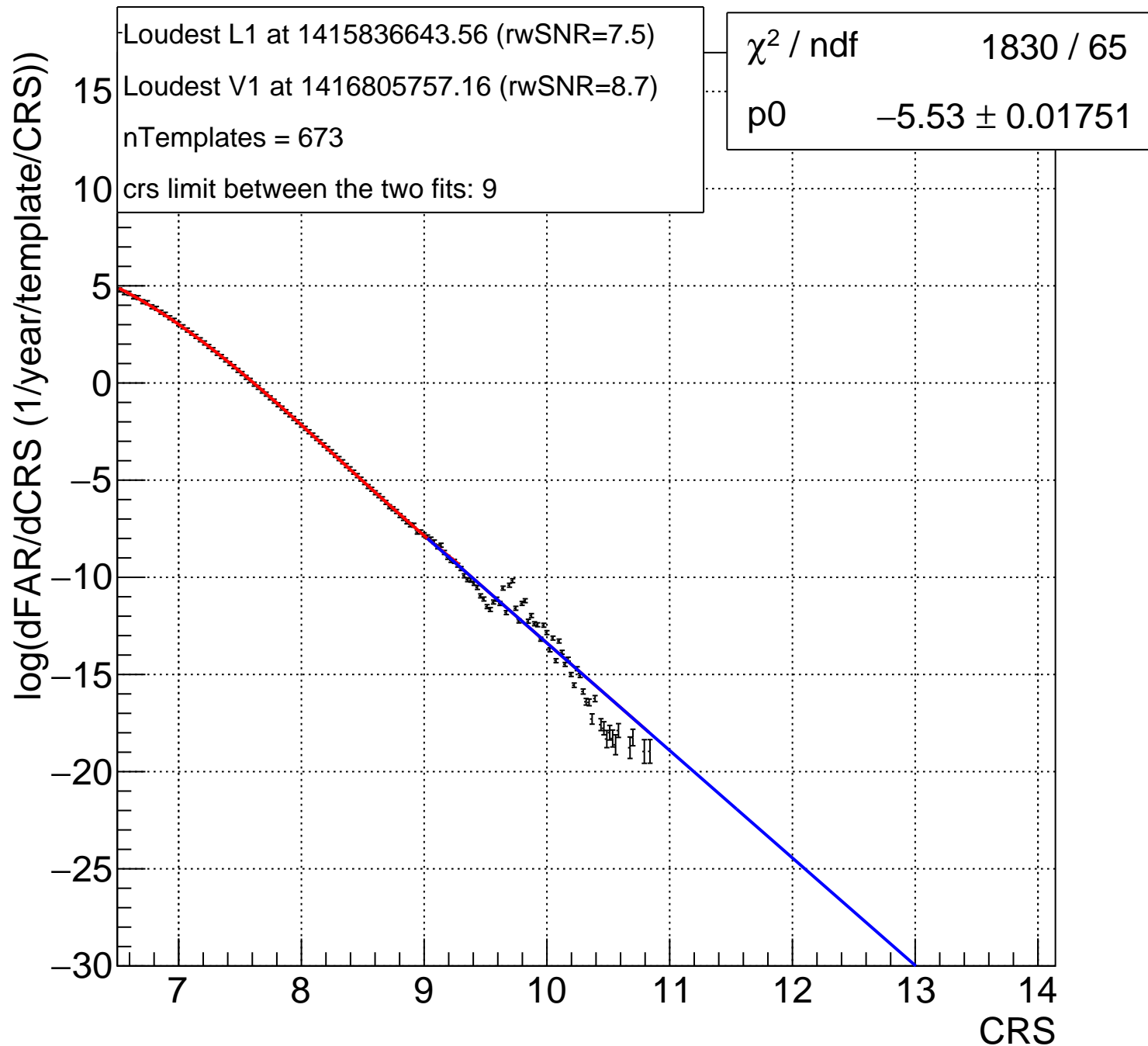
Bin:137 31.98<mTot<34.85 and -1<chiEff<-0.3333



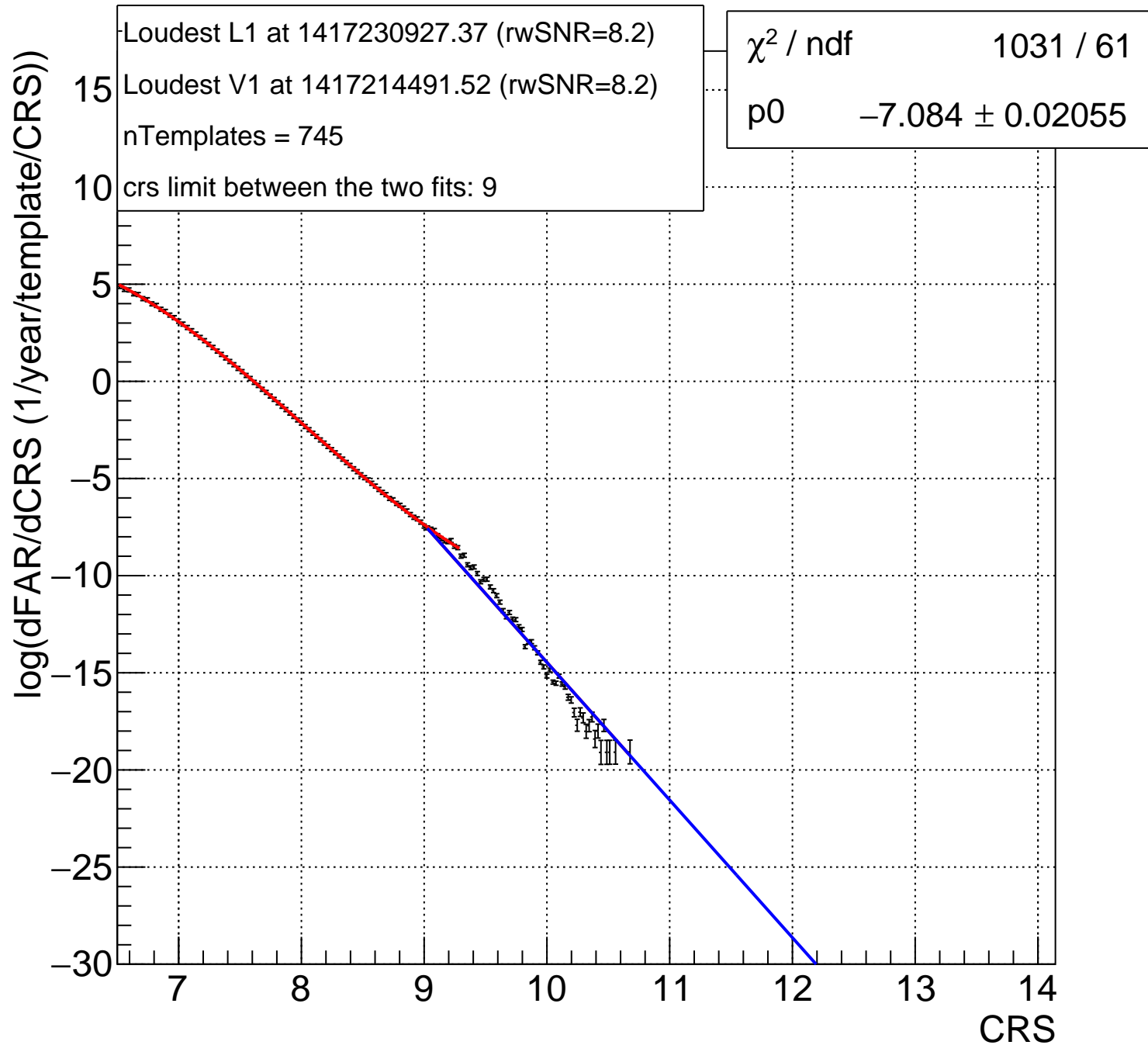
Bin:138  $34.85 < m_{\text{Tot}} < 37.97$  and  $-1 < \chi_{\text{Eff}} < -0.3333$



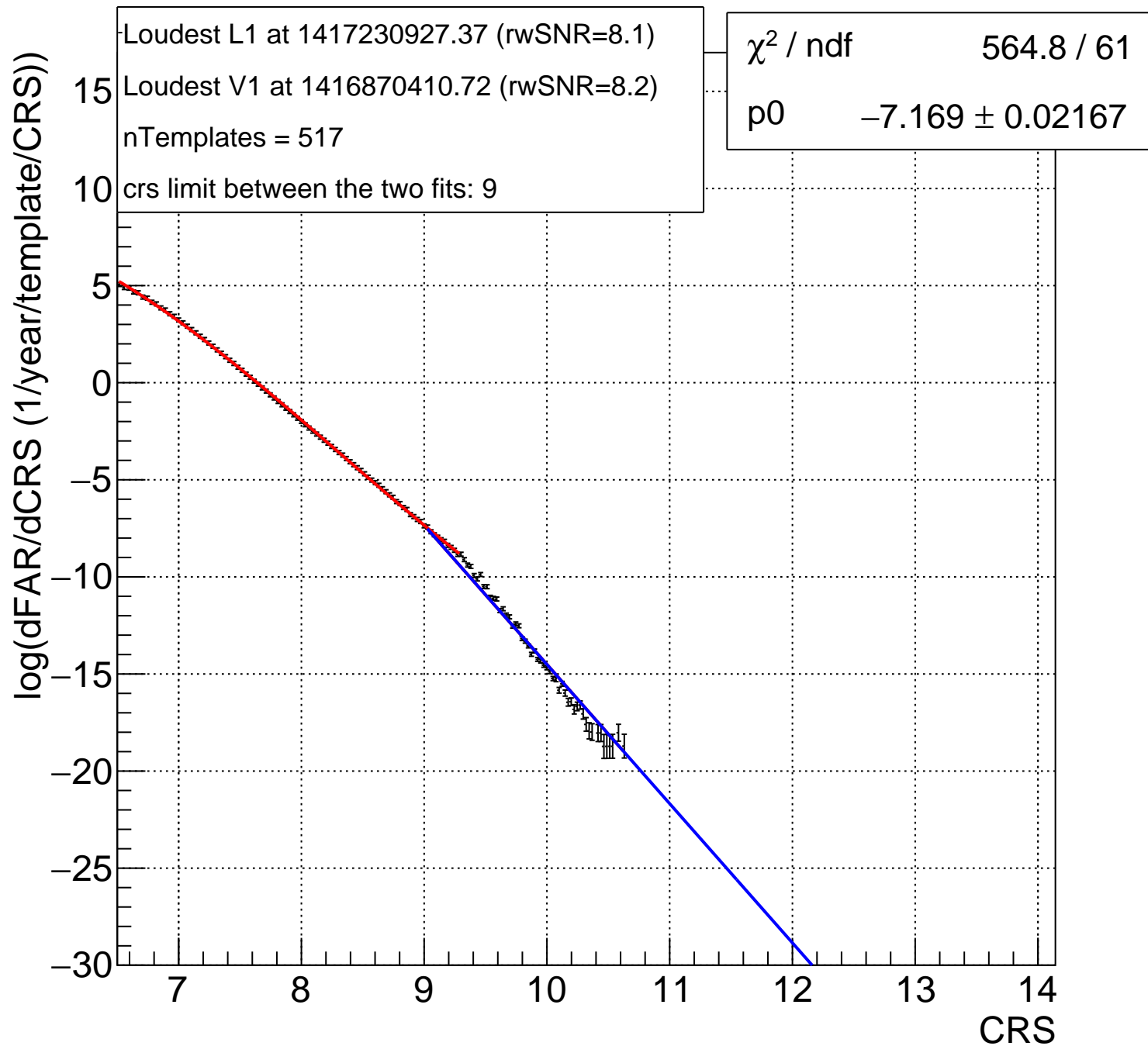
Bin:139 37.97<mTot<41.38 and -1<chiEff<-0.3333



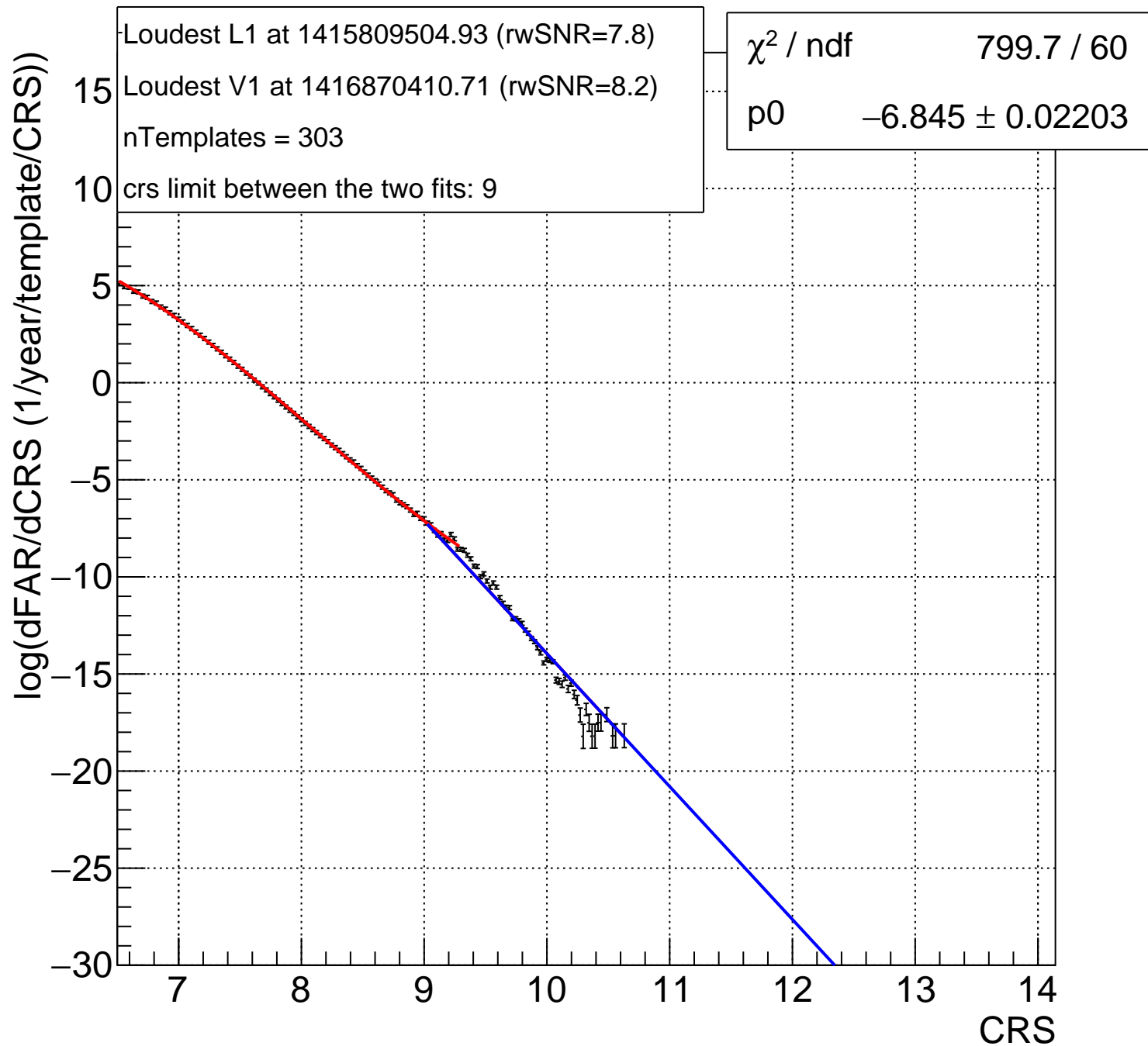
Bin:140 41.38<mTot<45.09 and -1<chiEff<-0.3333



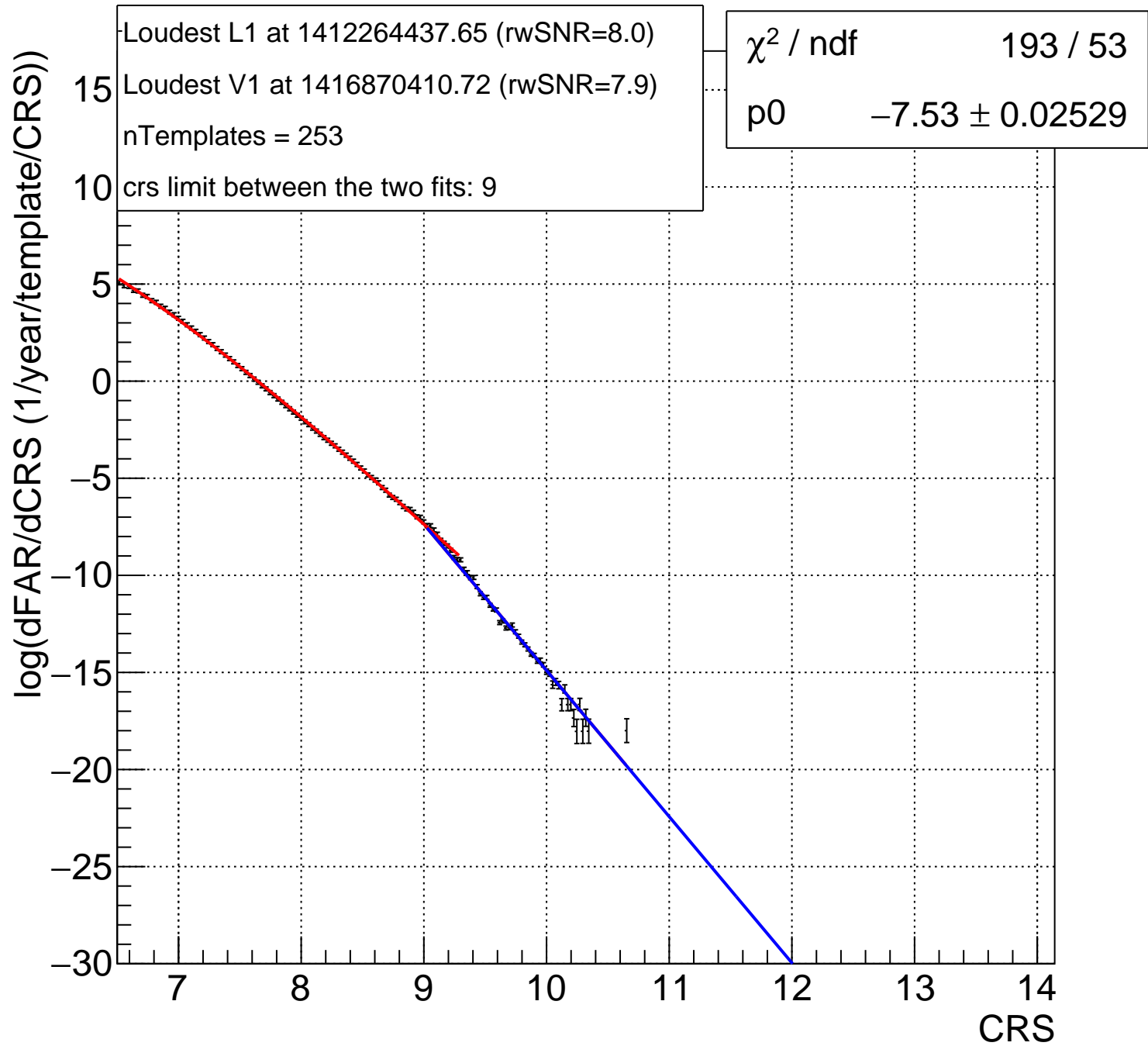
Bin:141 45.09<mTot<49.14 and -1<chiEff<-0.3333



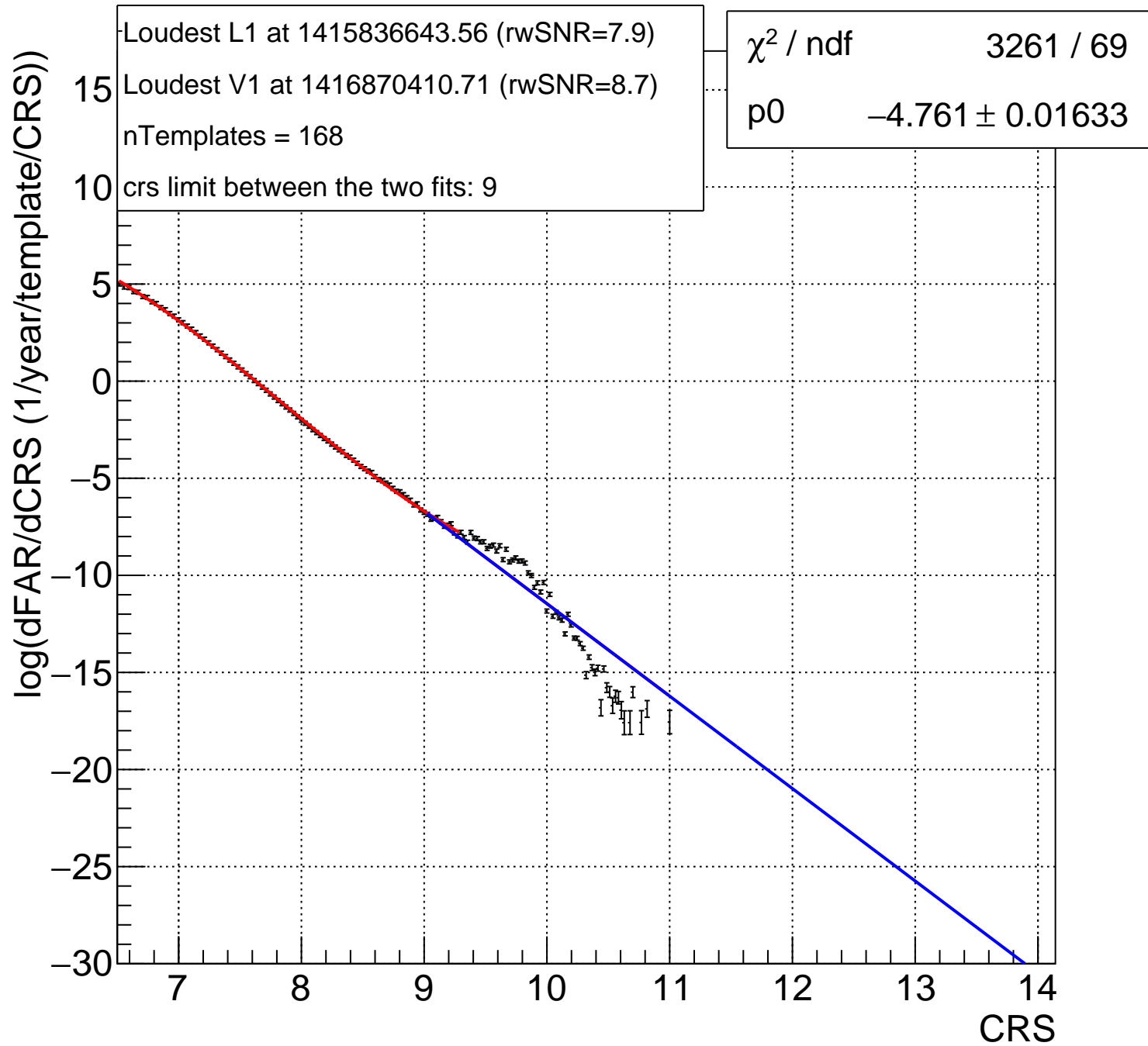
Bin:142 49.14<mTot<53.55 and -1<chiEff<-0.3333



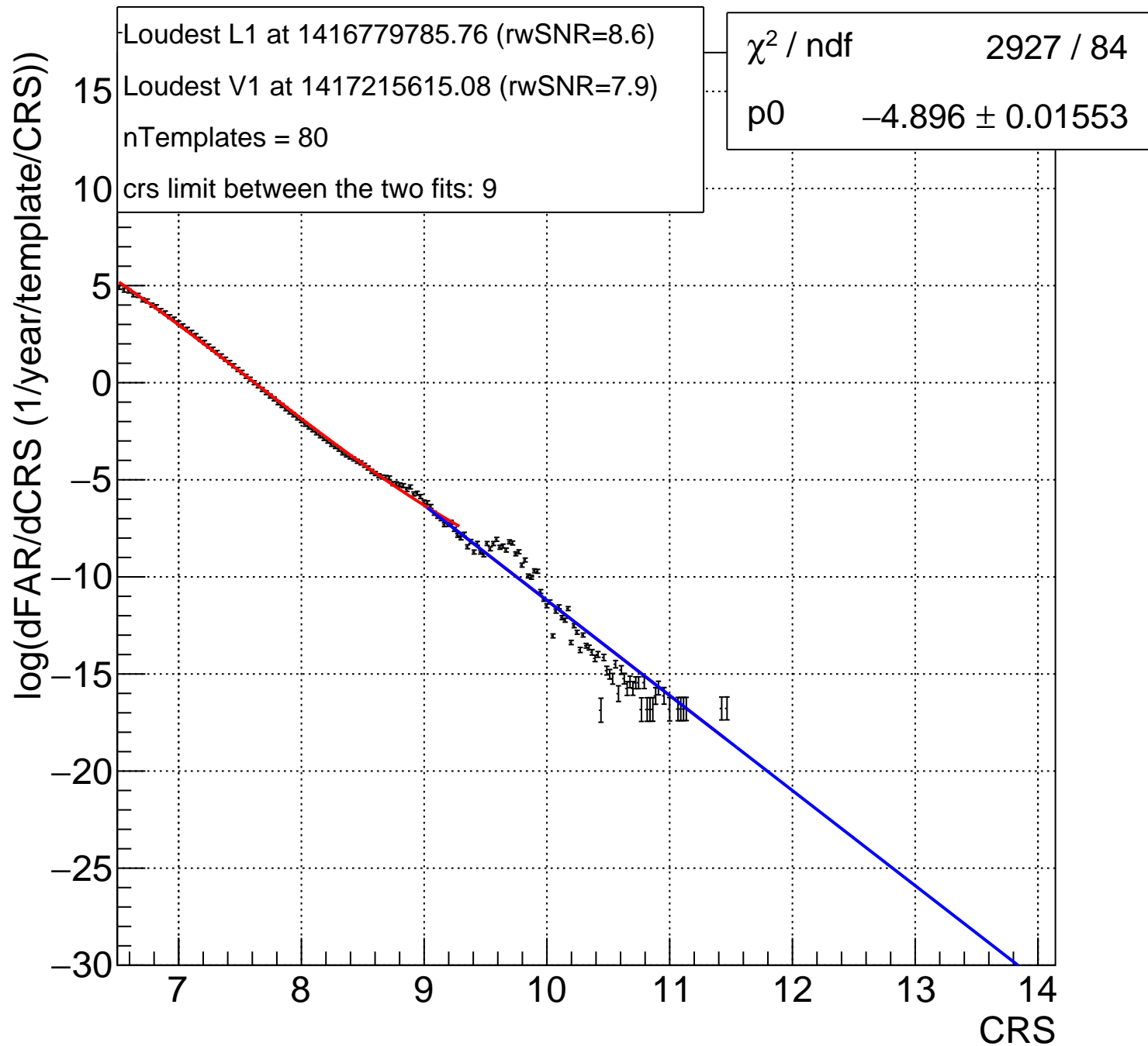
Bin:143 53.55<mTot<58.35 and -1<chiEff<-0.3333



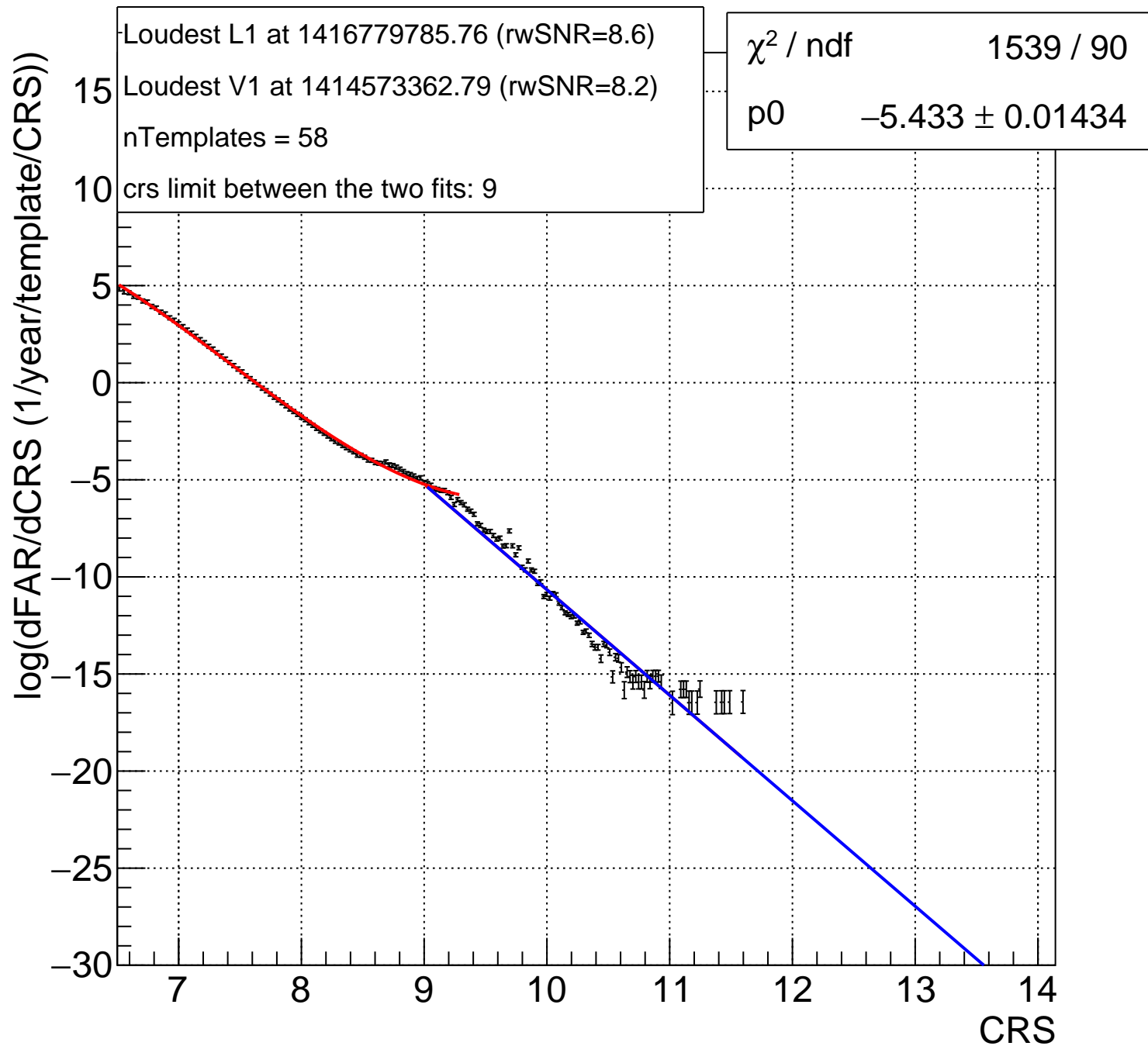
Bin:144 58.35<mTot<63.59 and -1<chiEff<-0.3333



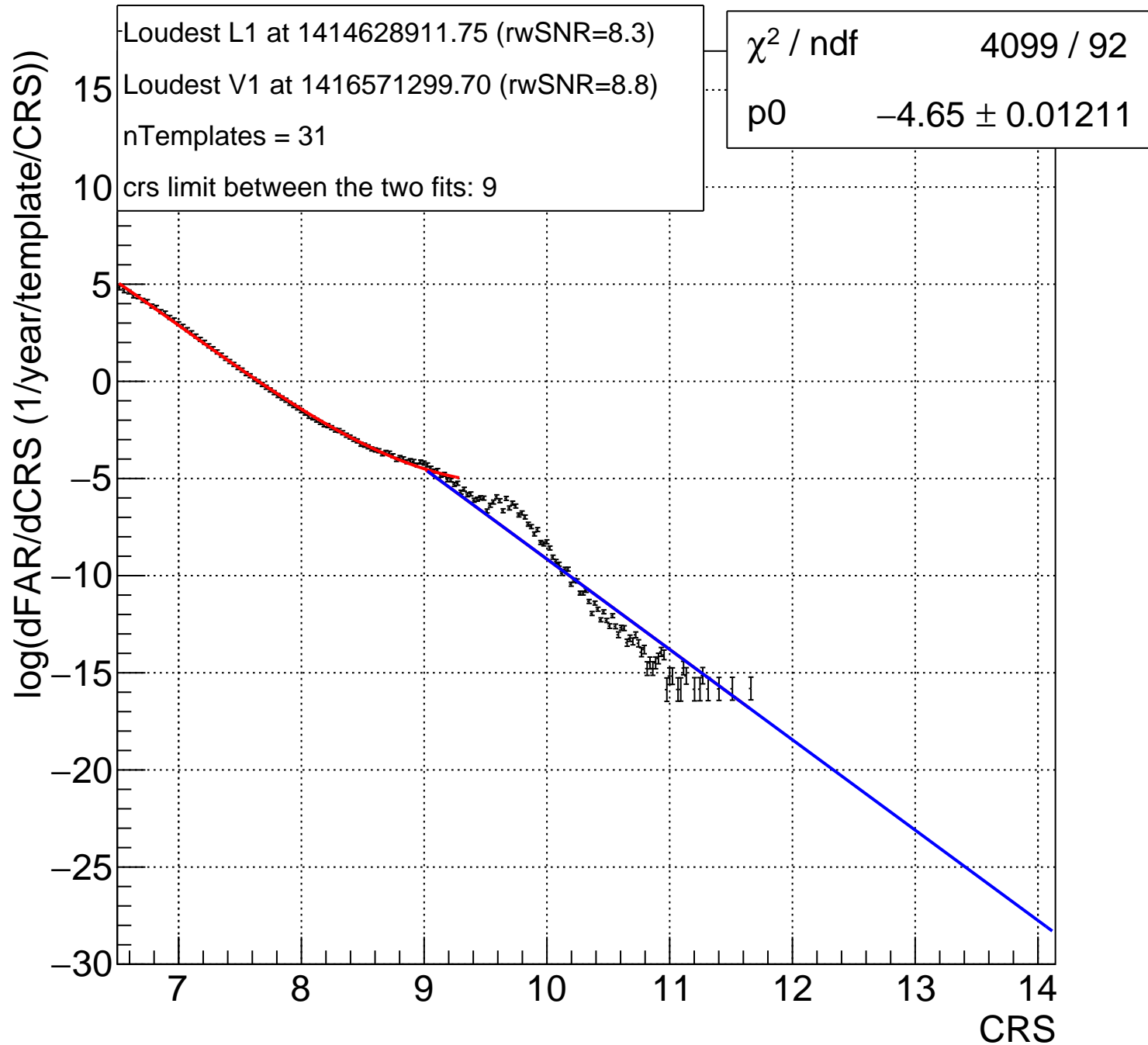
Bin:145 63.59<mTot<69.3 and -1<chiEff<-0.3333



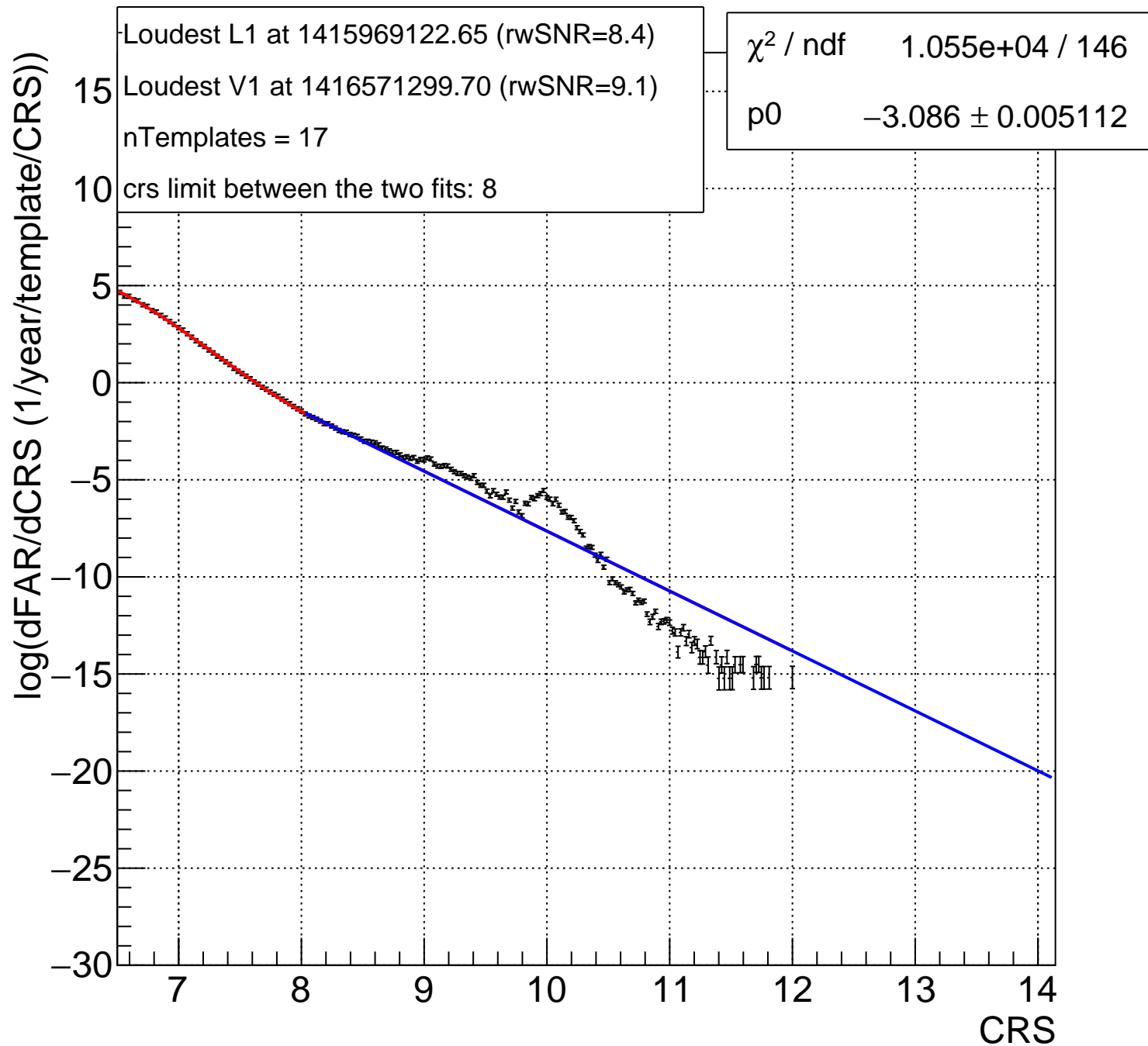
Bin:146 69.3<mTot<75.51 and -1<chiEff<-0.3333



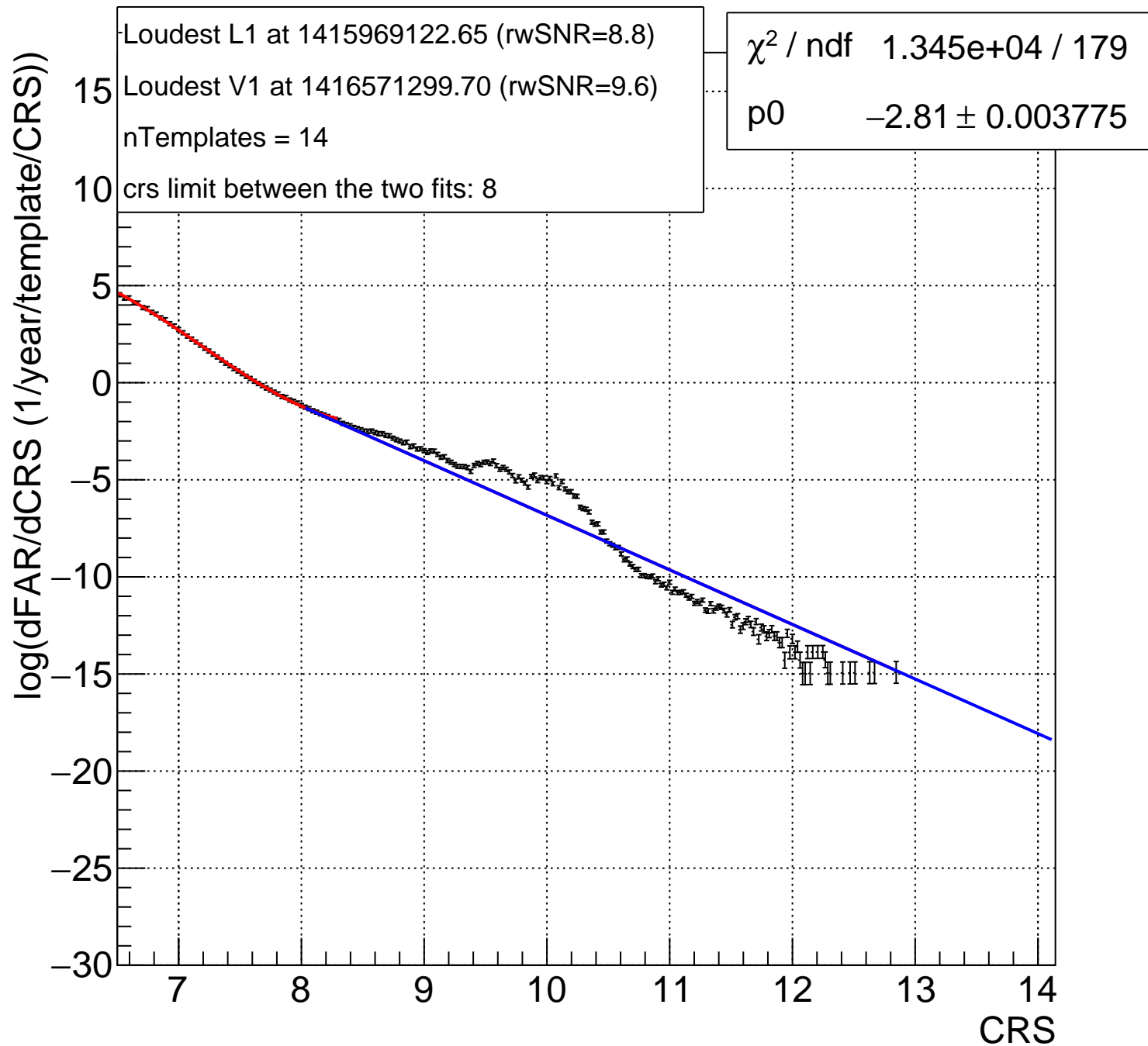
Bin:147 75.51<mTot<82.29 and -1<chiEff<-0.3333



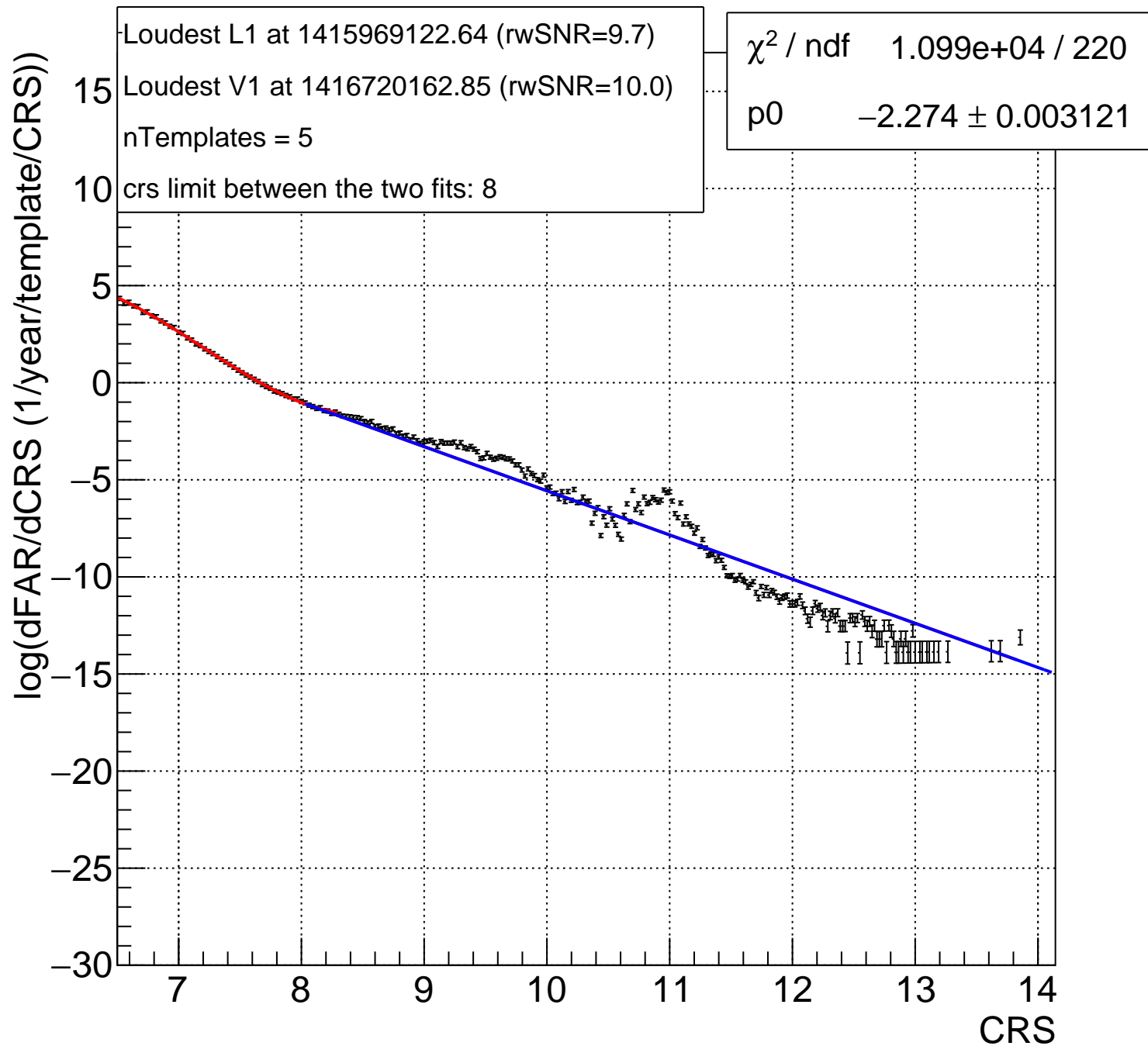
Bin:148 82.29<mTot<89.67 and -1<chiEff<-0.3333



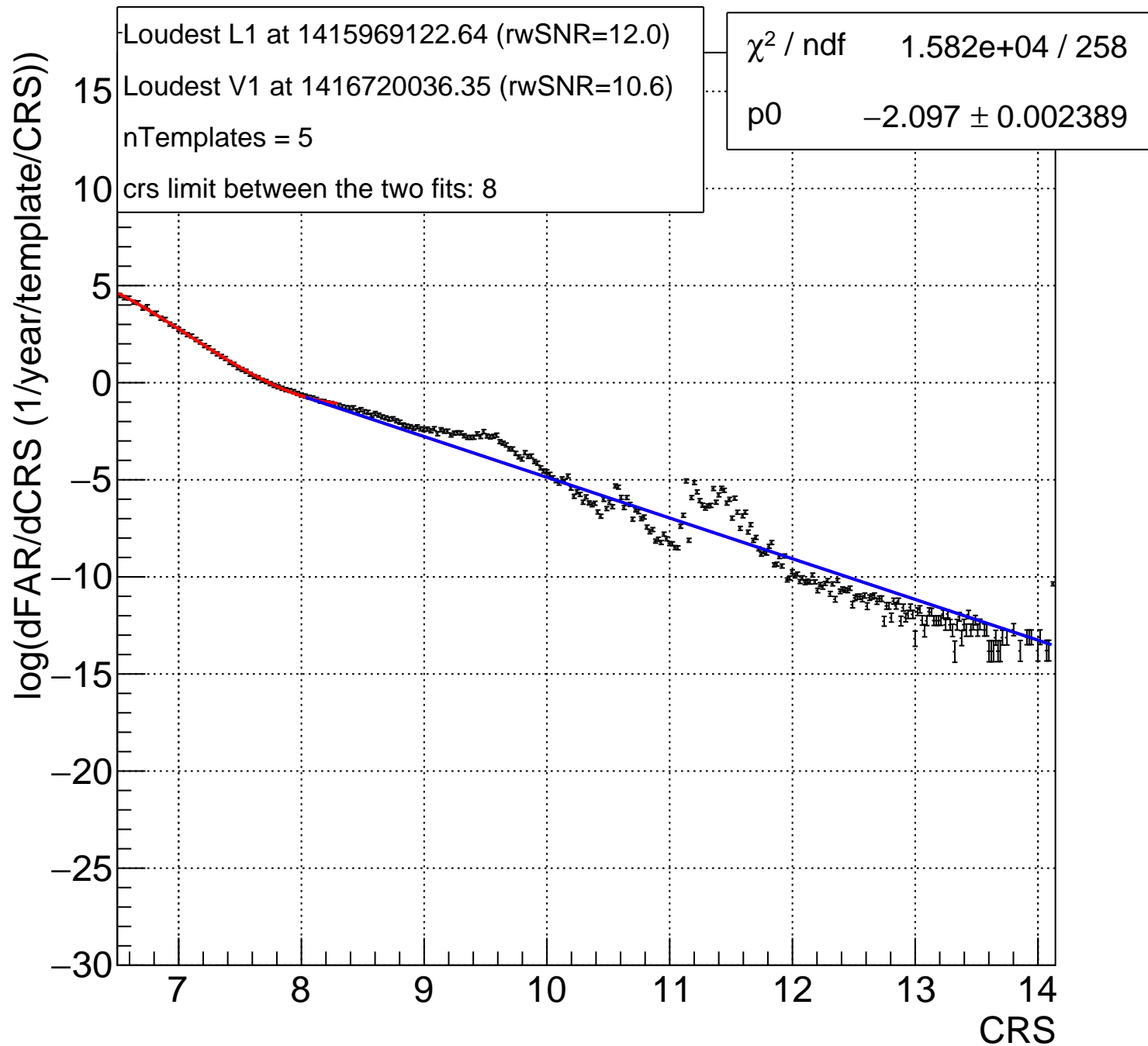
Bin:149 89.67<mTot<97.72 and -1<chiEff<-0.3333



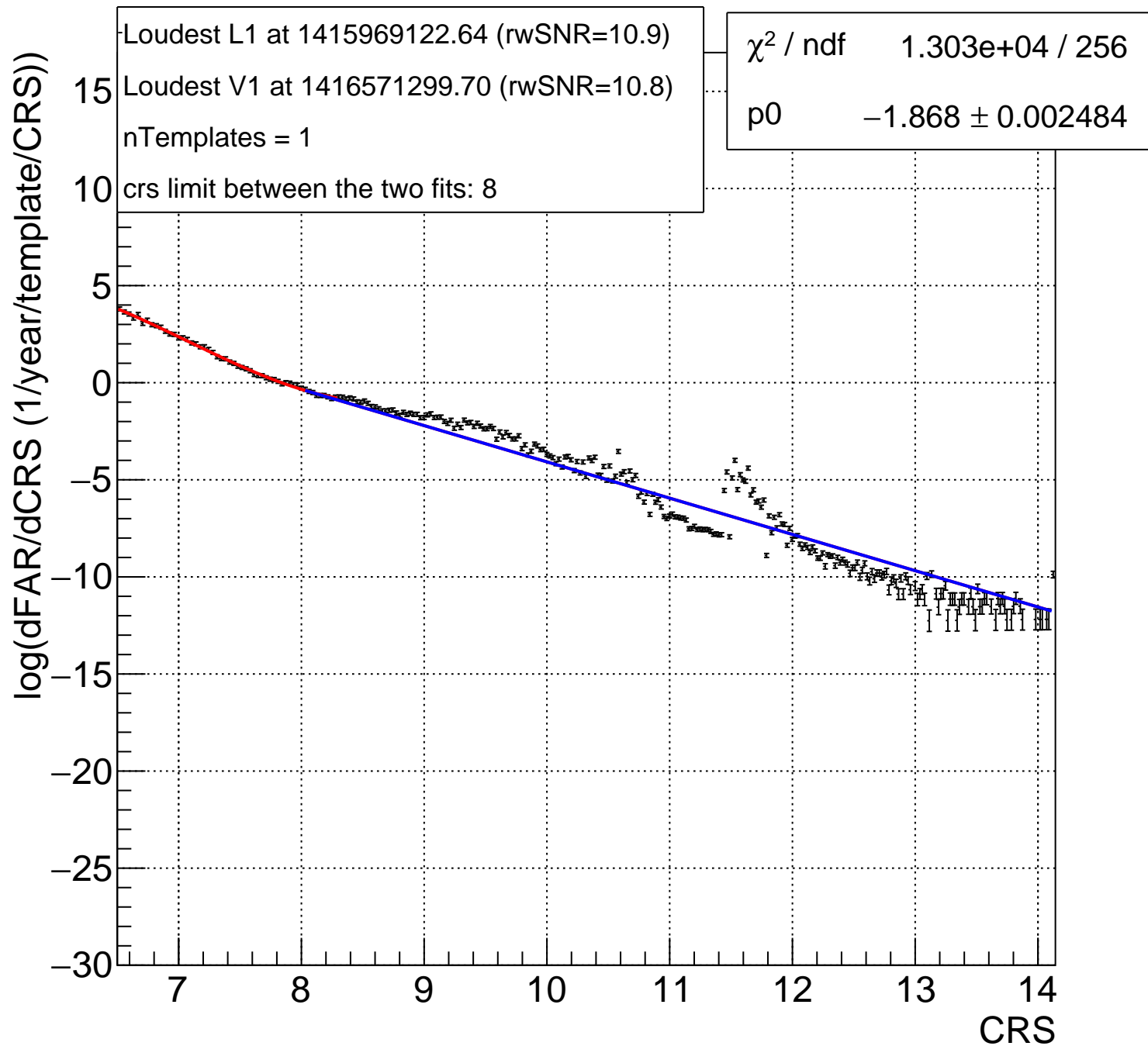
Bin:150 97.72<mTot<106.5 and -1<chiEff<-0.3333



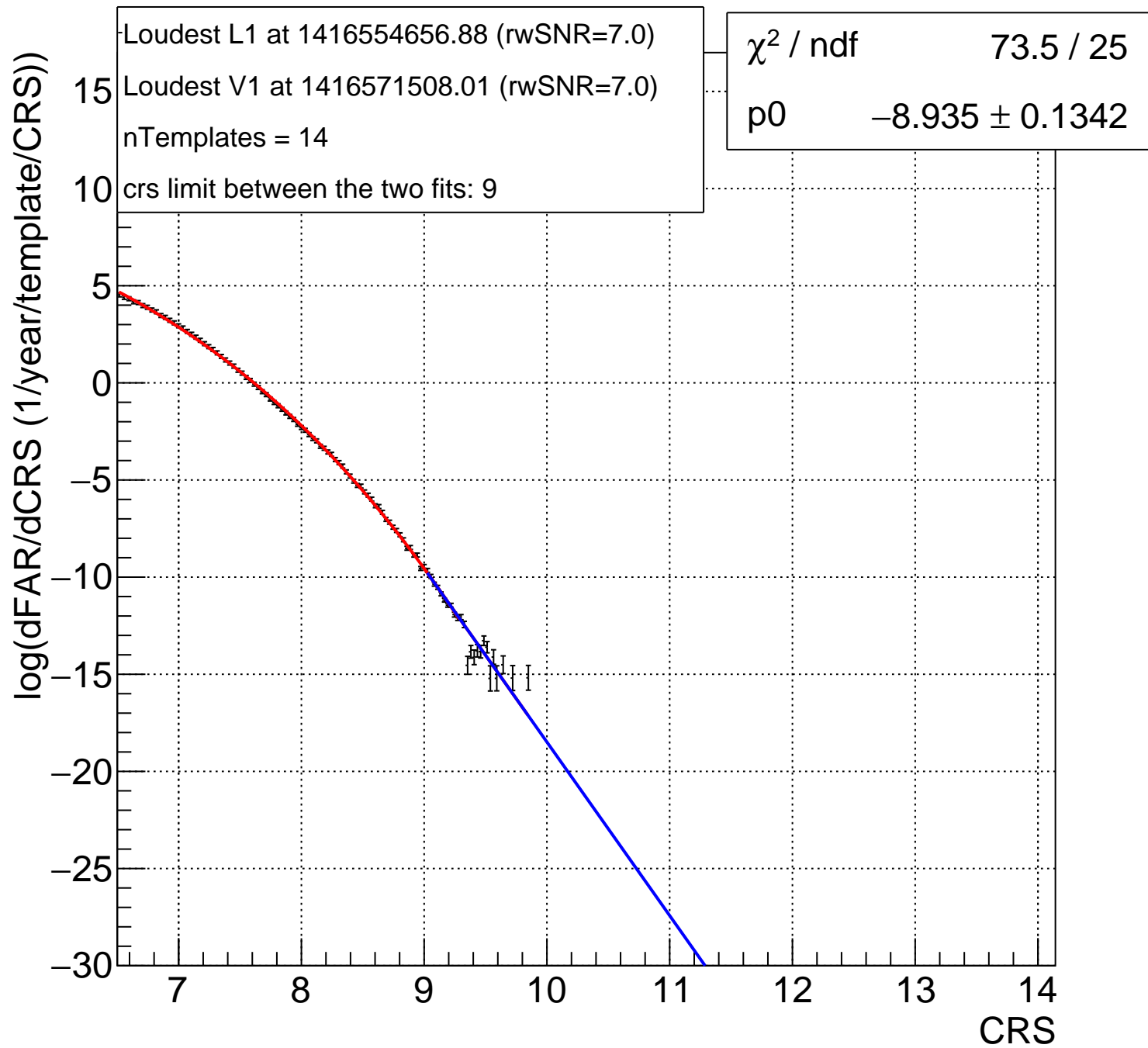
Bin:151 106.5<mTot<116 and -1<chiEff<-0.3333



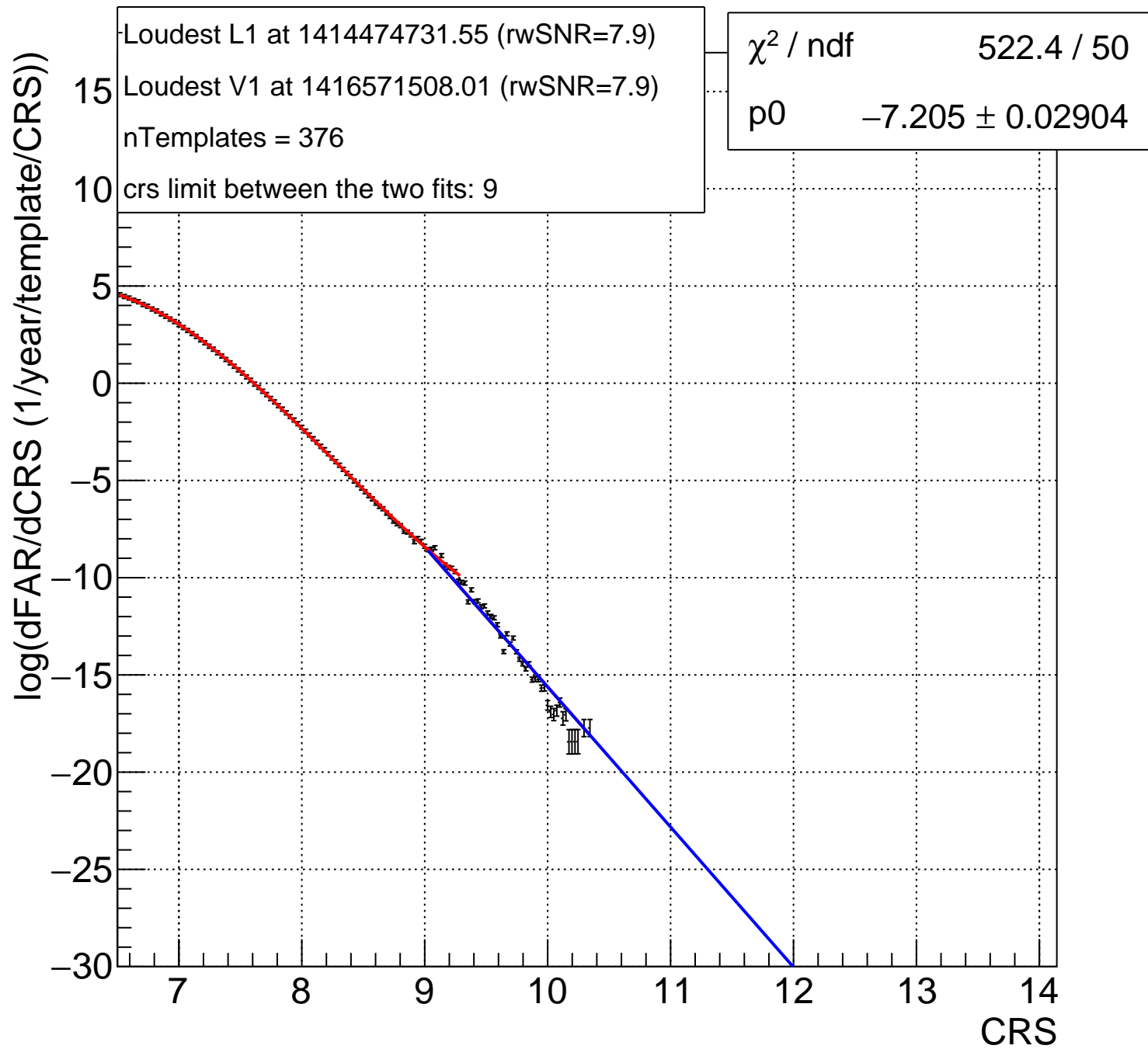
Bin:153 126.4<mTot<137.8 and -1<chiEff<-0.3333



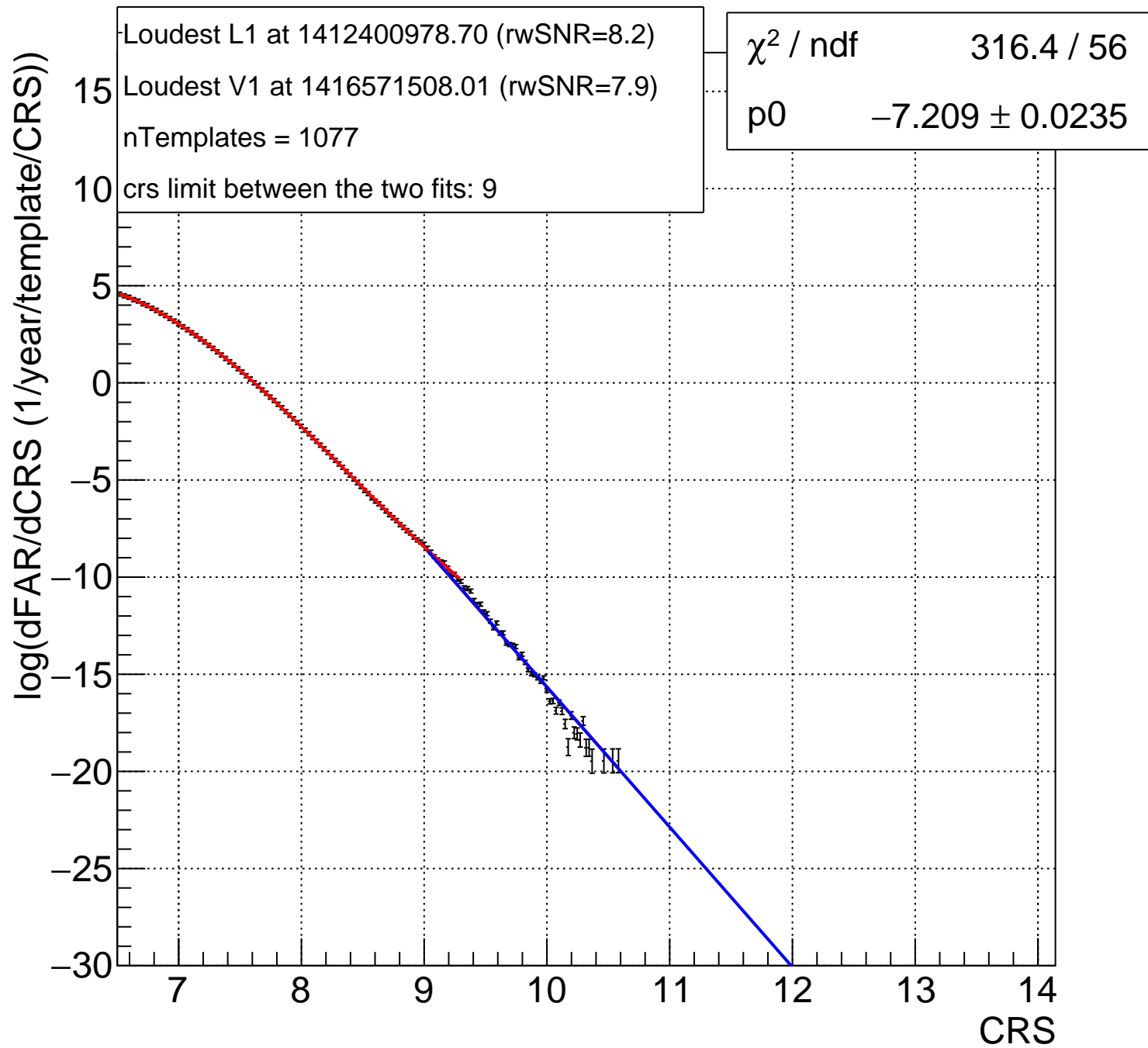
Bin:169 16.08<mTot<17.52 and -0.3333<chiEff<0.3333



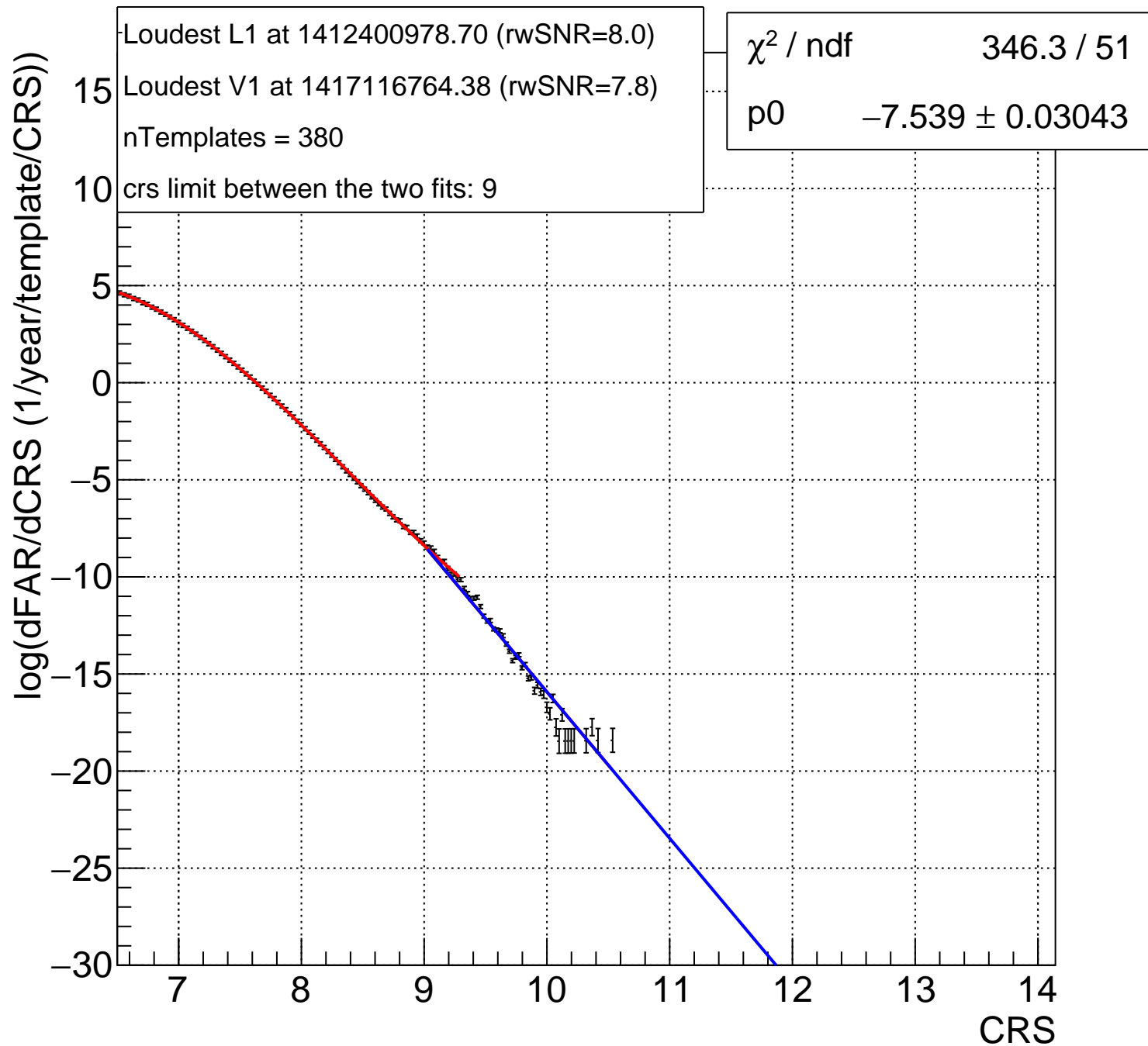
Bin:170 17.52<mTot<19.1 and -0.3333<chiEff<0.3333



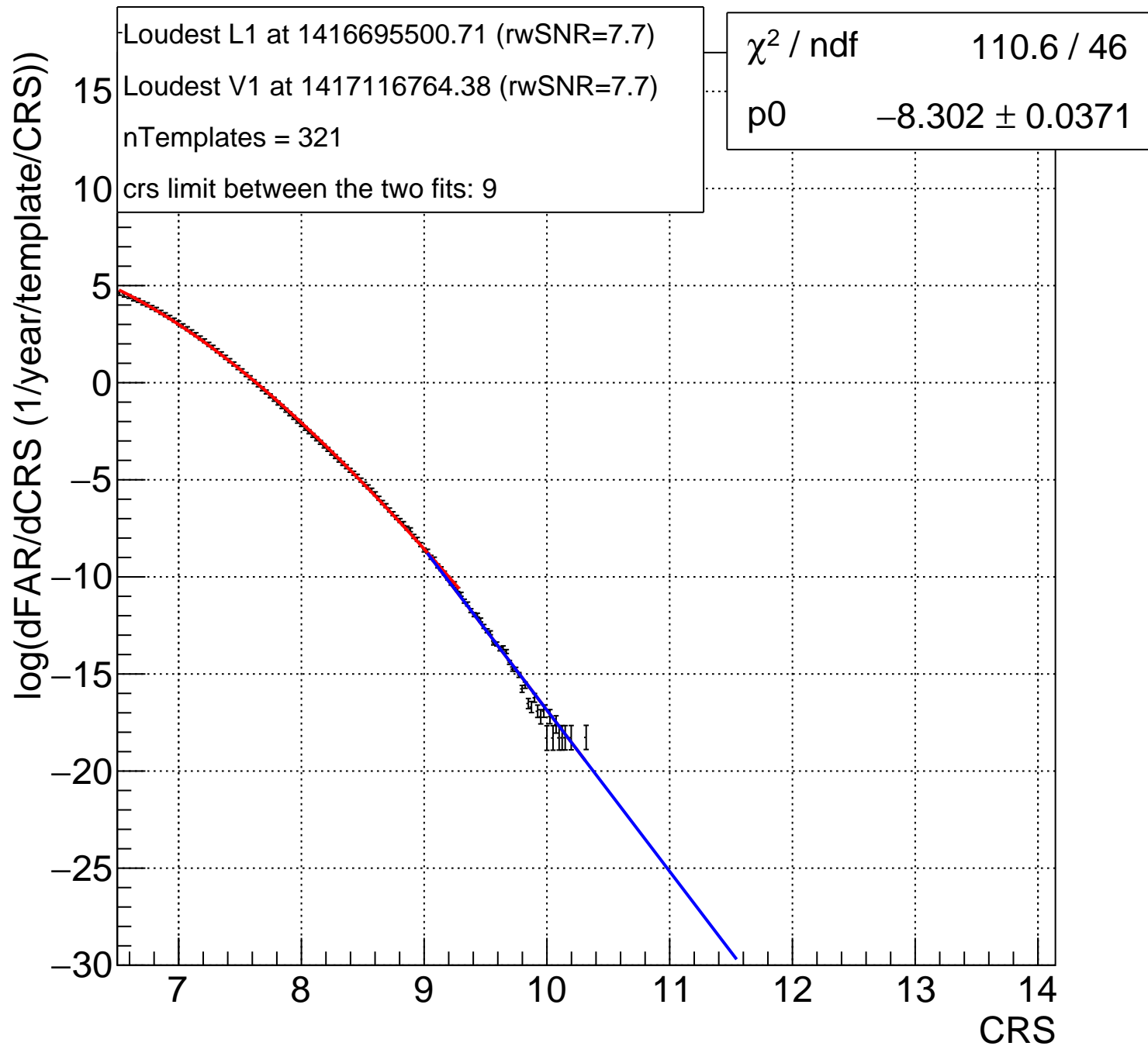
Bin:171 19.1<mTot<20.81 and -0.3333<chiEff<0.3333



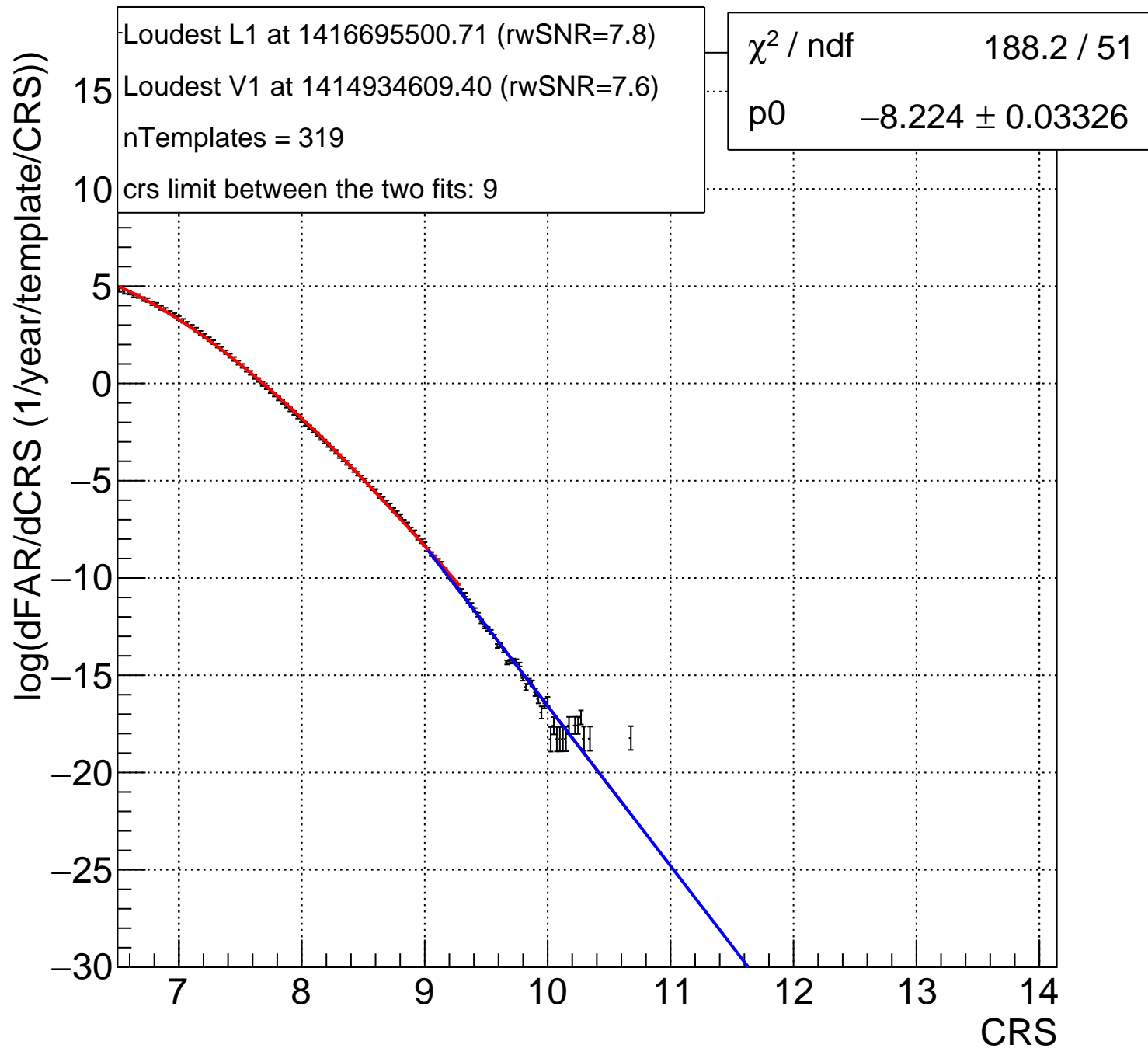
Bin:172 20.81<mTot<22.68 and -0.3333<chiEff<0.3333



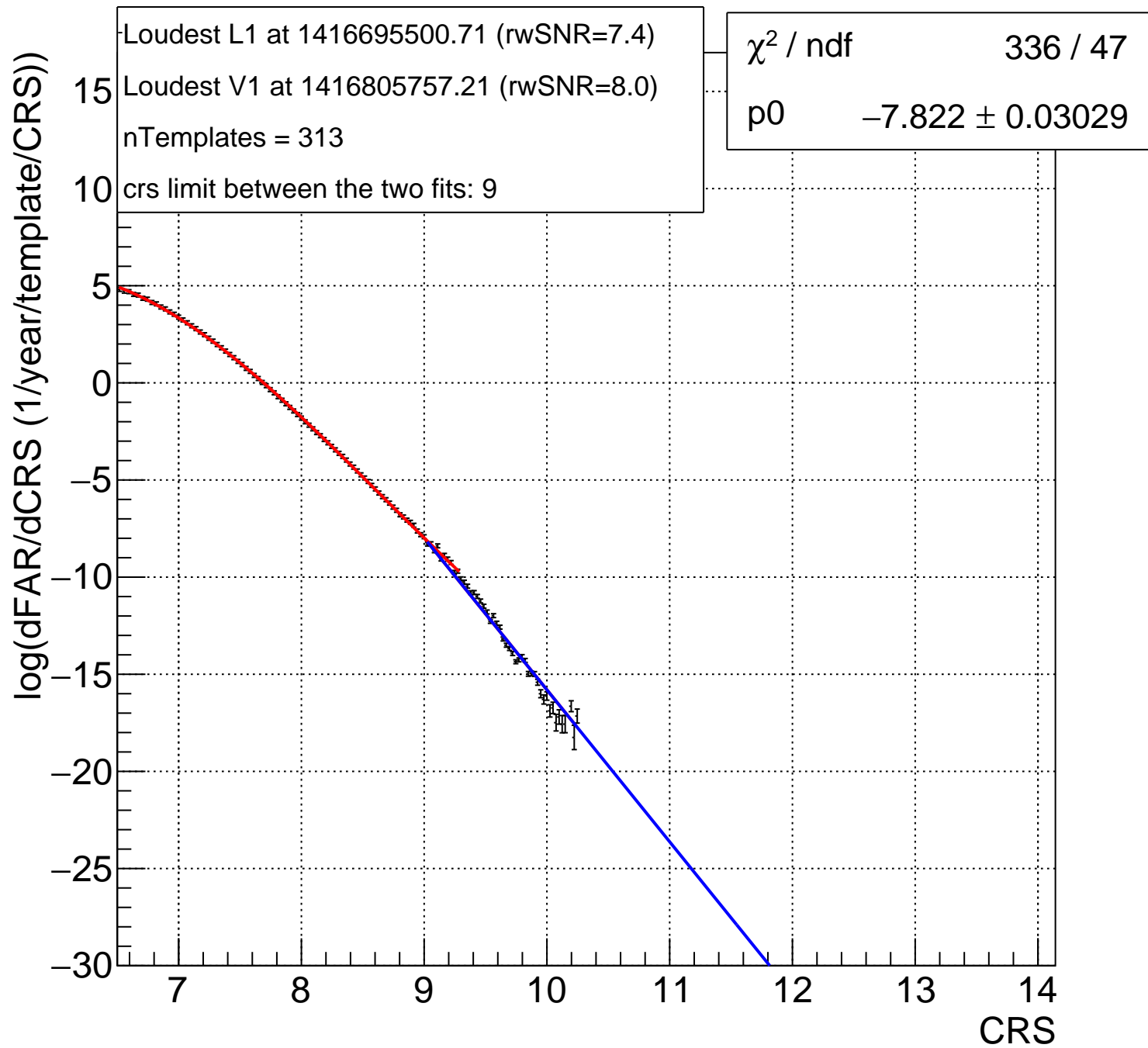
Bin:173 22.68<mTot<24.71 and -0.3333<chiEff<0.3333



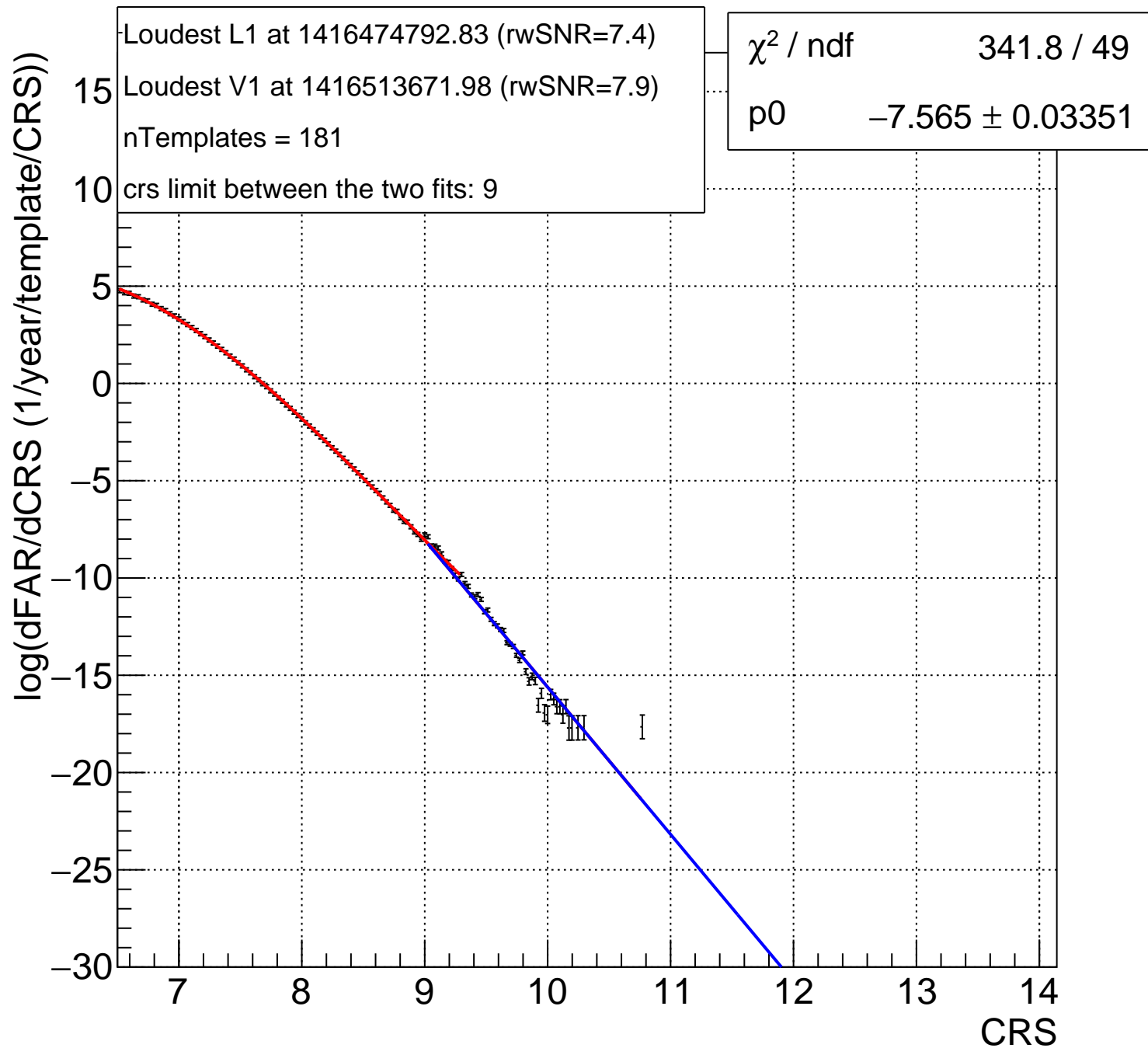
Bin:174 24.71<mTot<26.93 and -0.3333<chiEff<0.3333



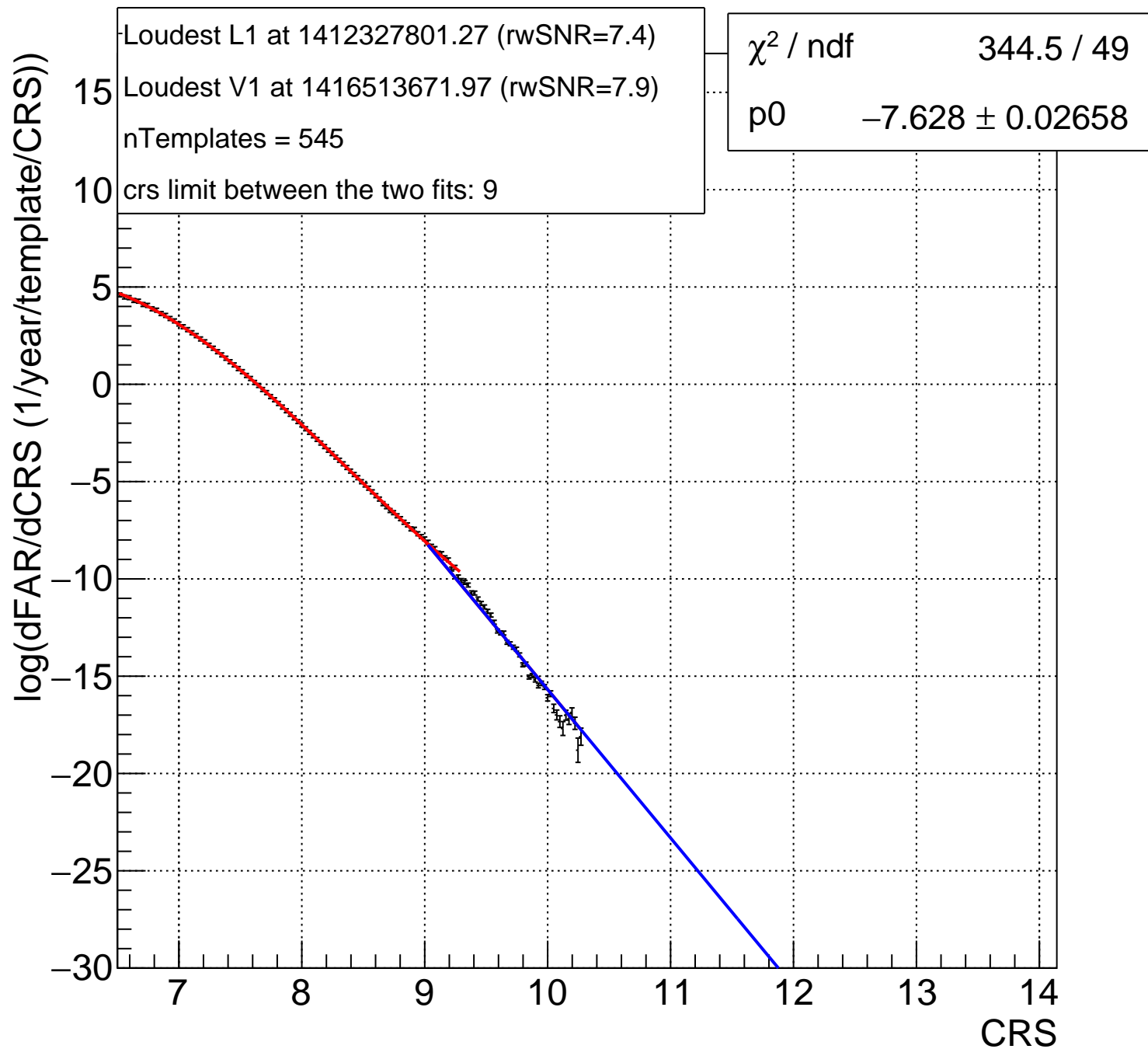
Bin:175 26.93<mTot<29.35 and -0.3333<chiEff<0.3333



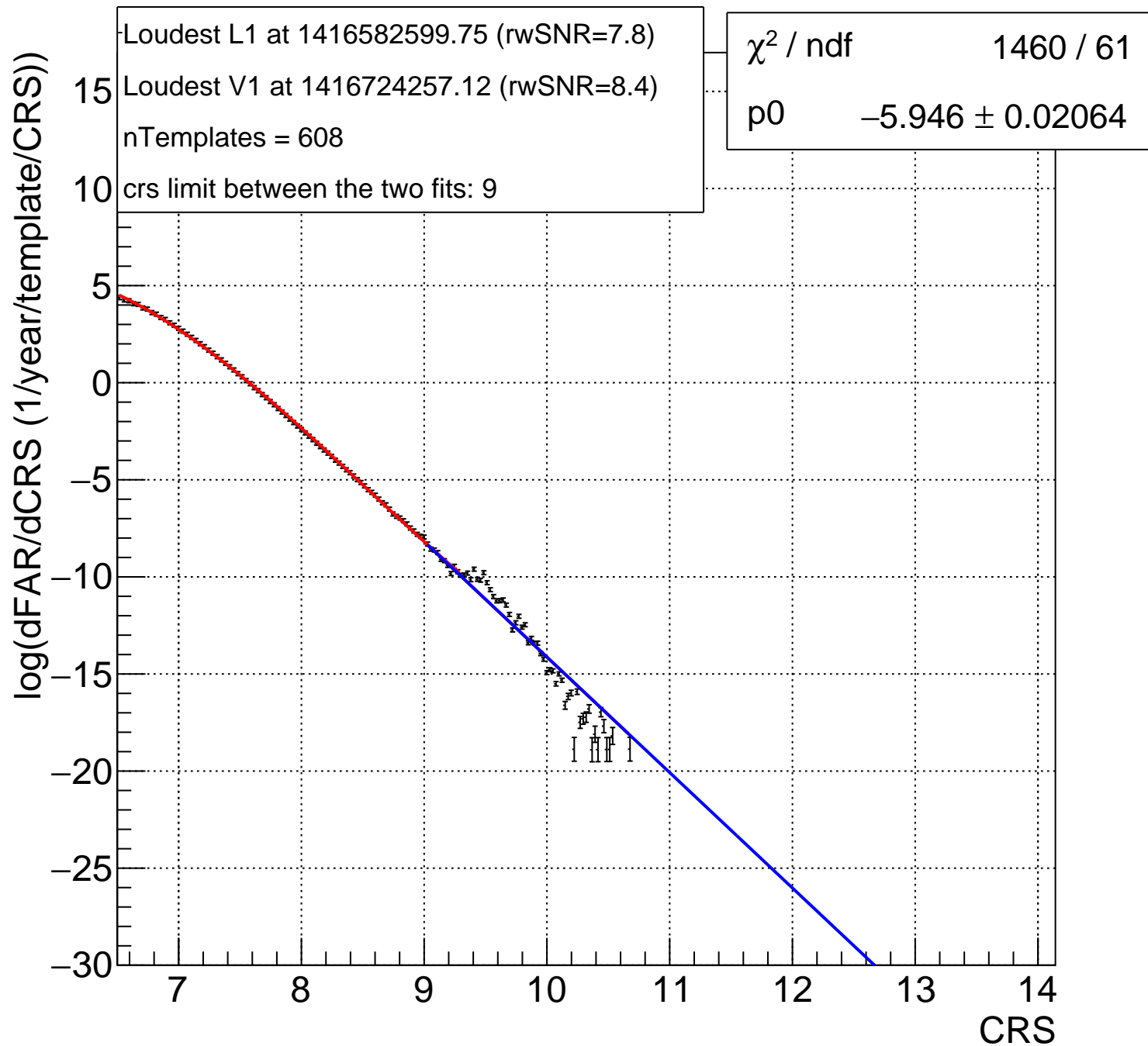
Bin:176 29.35<mTot<31.98 and -0.3333<chiEff<0.3333



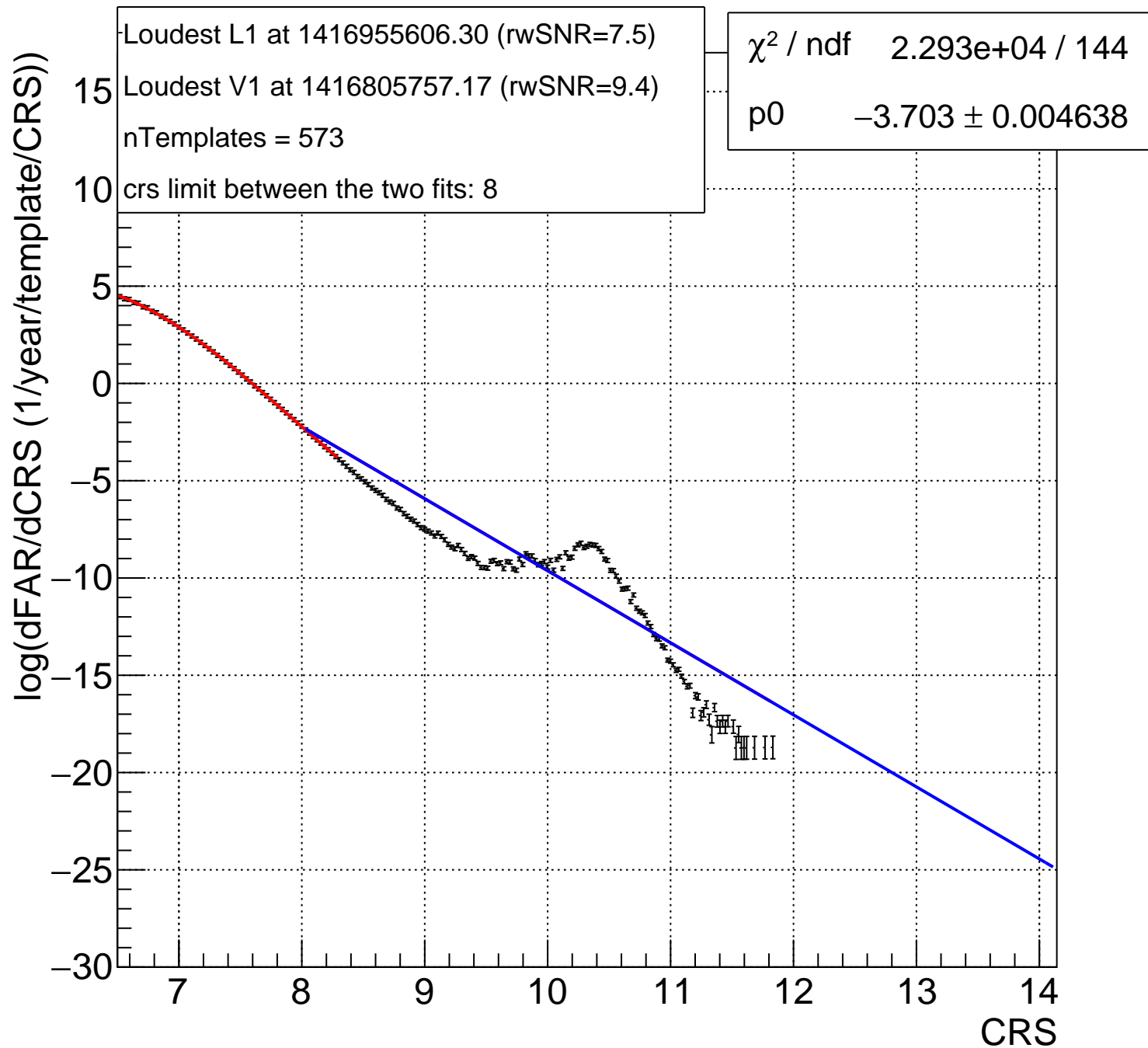
Bin:177 31.98<mTot<34.85 and -0.3333<chiEff<0.3333



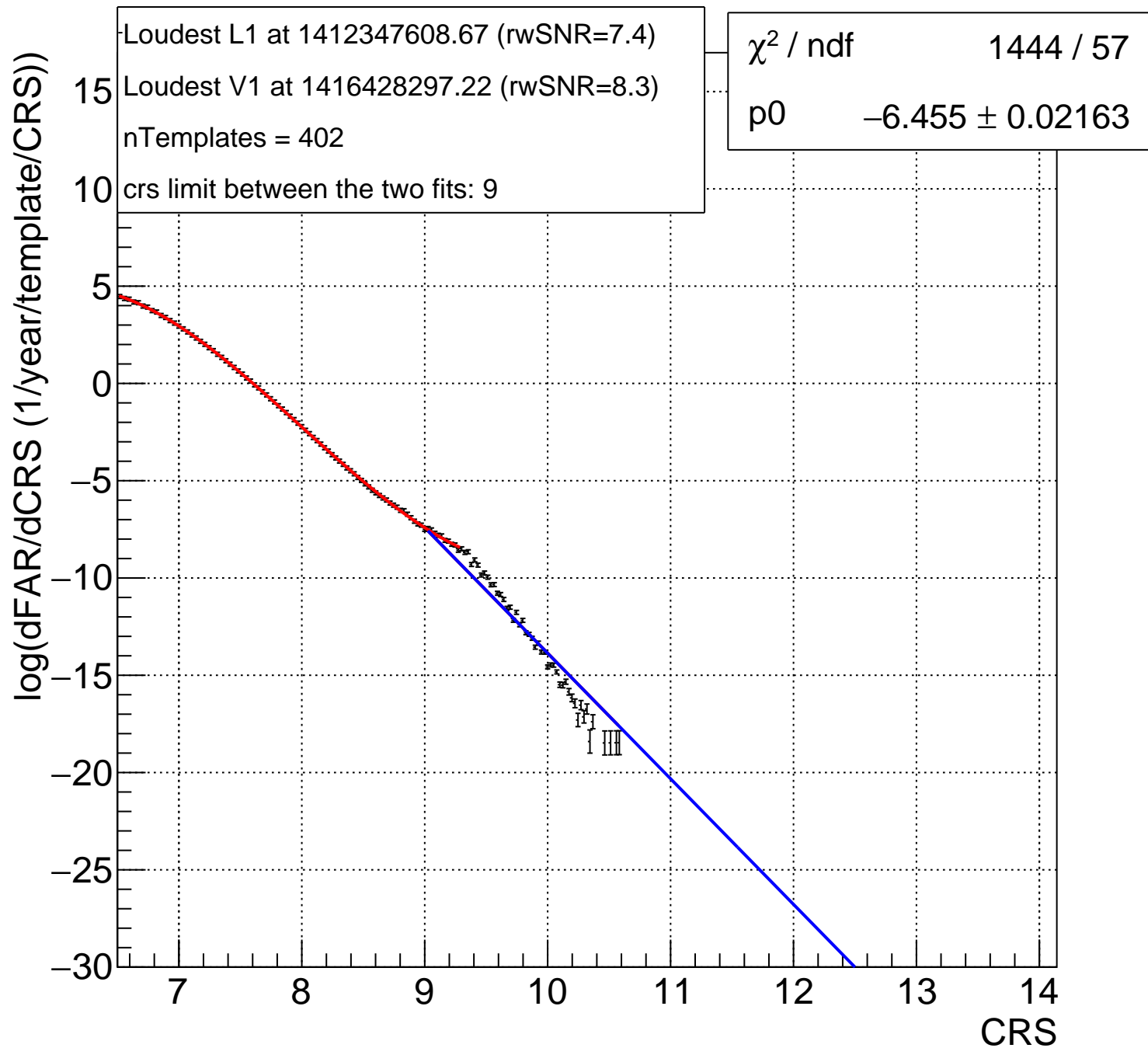
Bin:178 34.85<mTot<37.97 and -0.3333<chiEff<0.3333



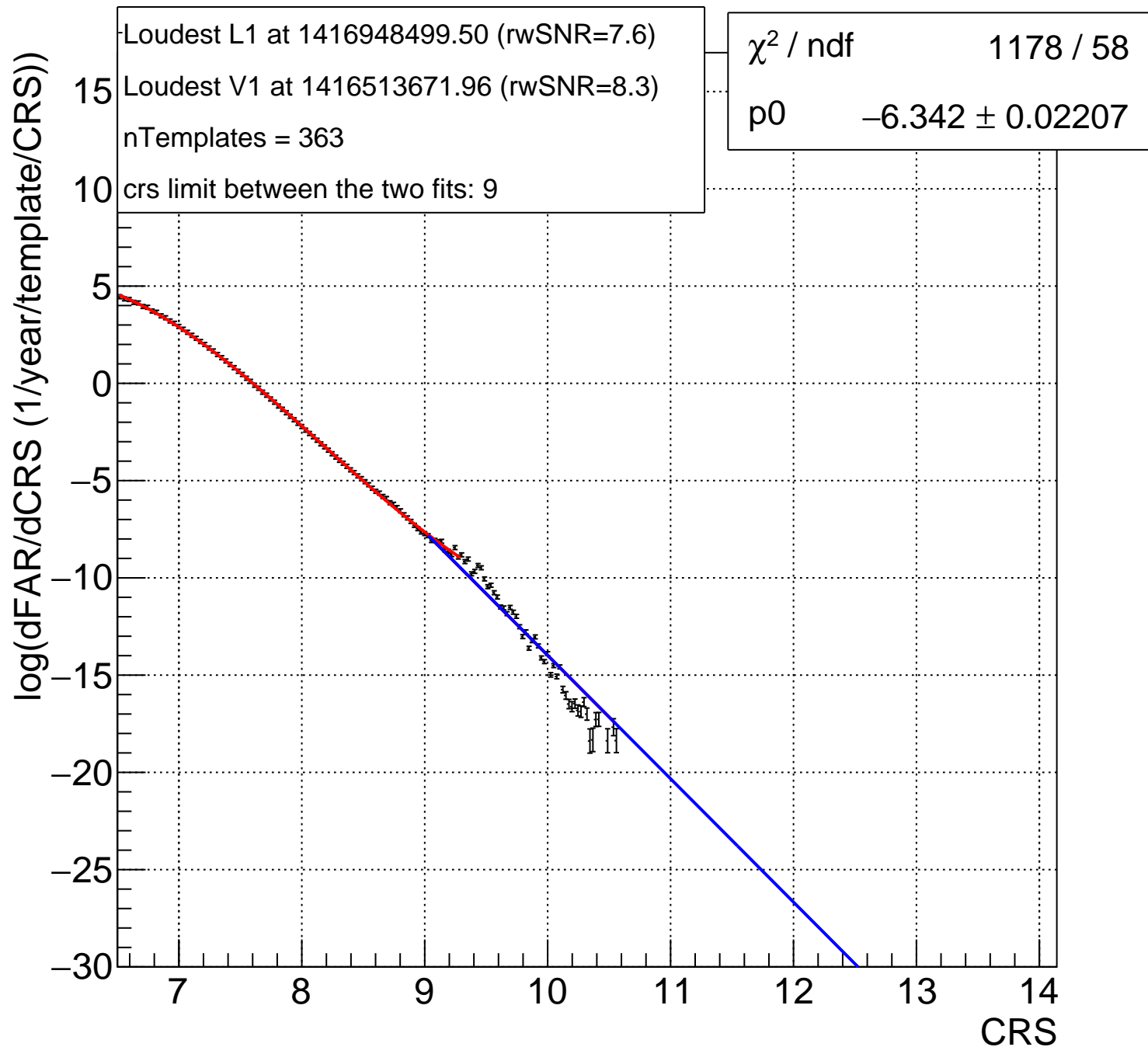
Bin:179 37.97<mTot<41.38 and -0.3333<chiEff<0.3333



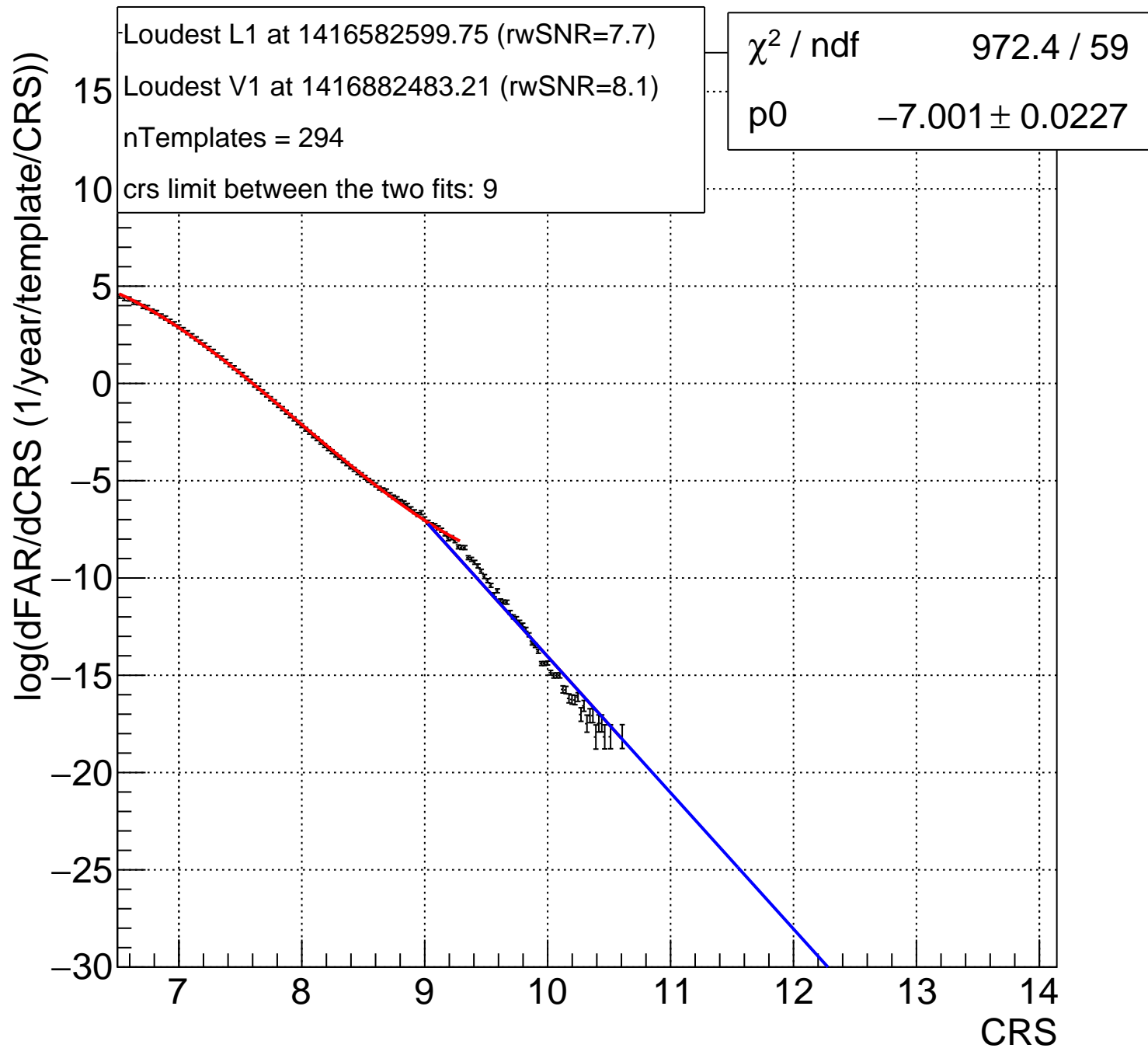
Bin:180 41.38<mTot<45.09 and -0.3333<chiEff<0.3333



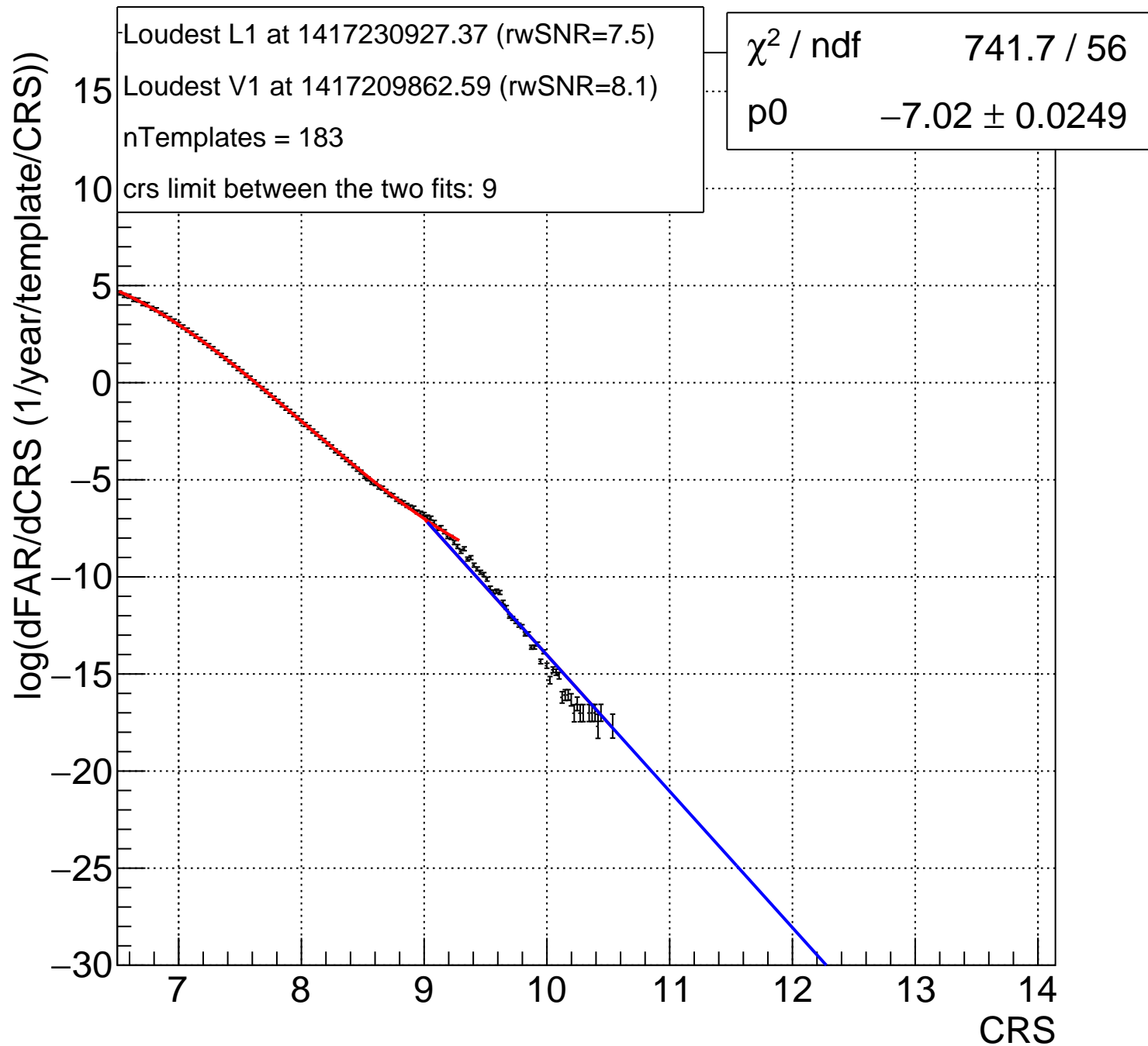
Bin:181 45.09<mTot<49.14 and -0.3333<chiEff<0.3333



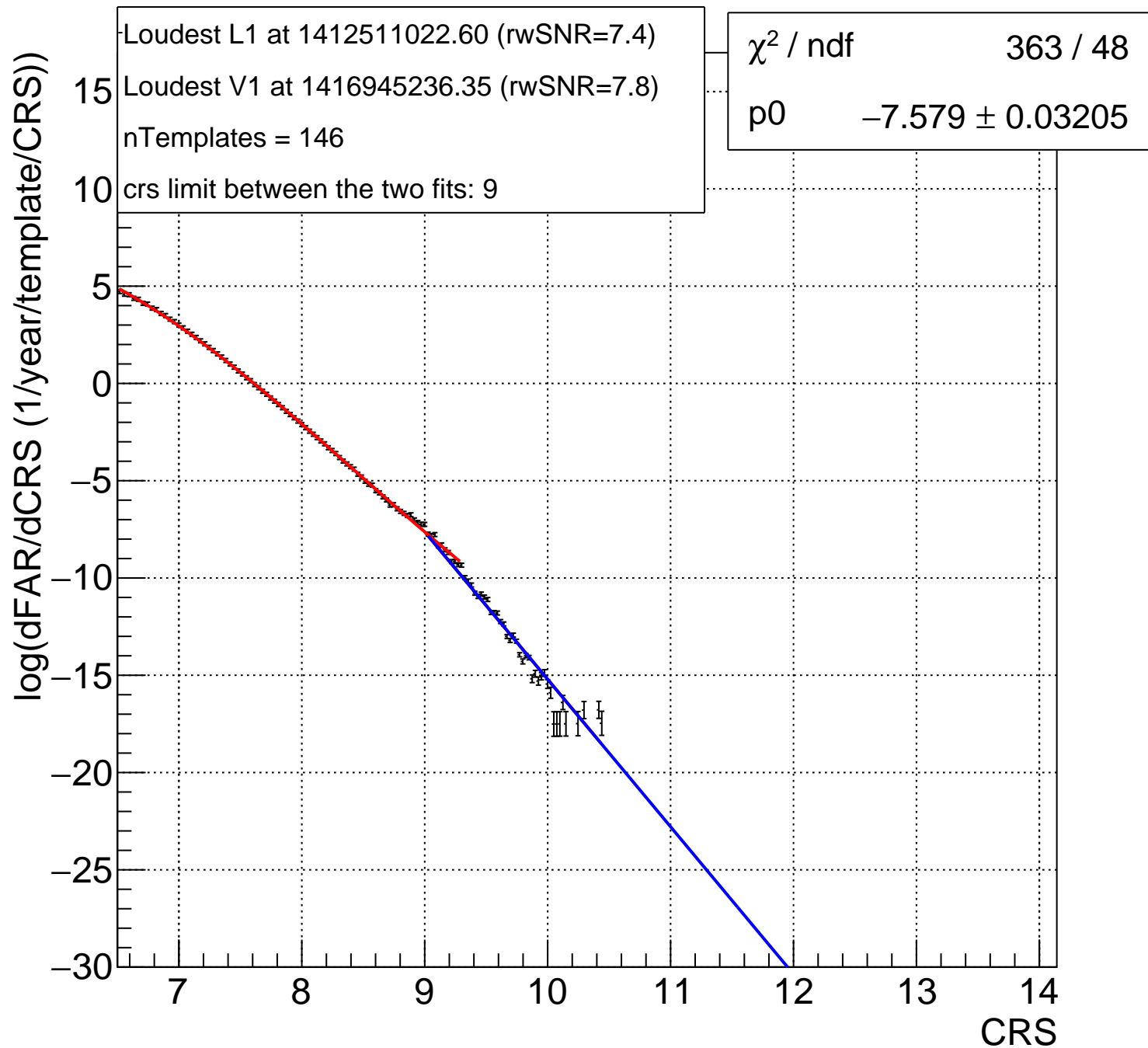
Bin:182 49.14<mTot<53.55 and -0.3333<chiEff<0.3333



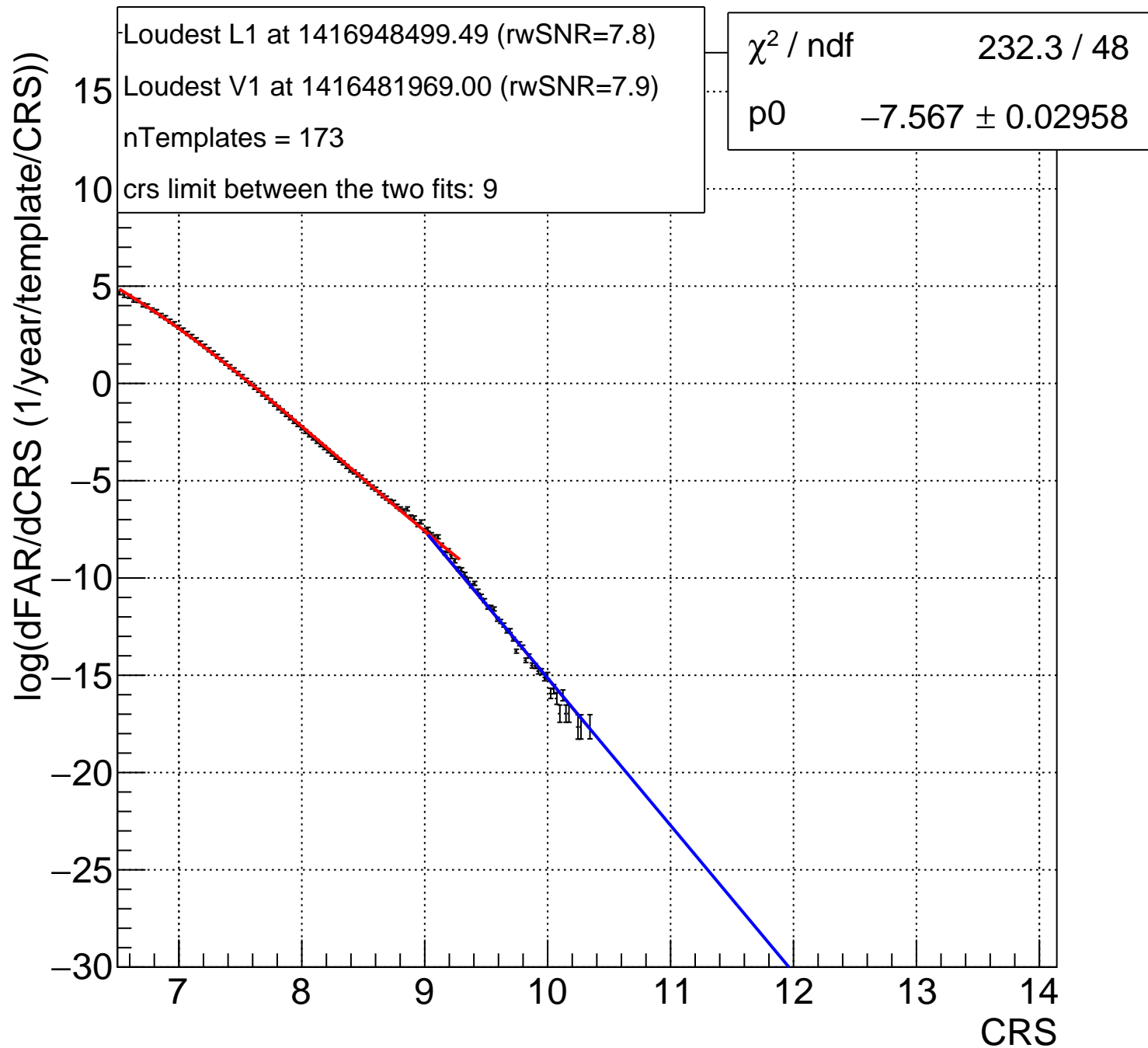
Bin:183 53.55<mTot<58.35 and -0.3333<chiEff<0.3333



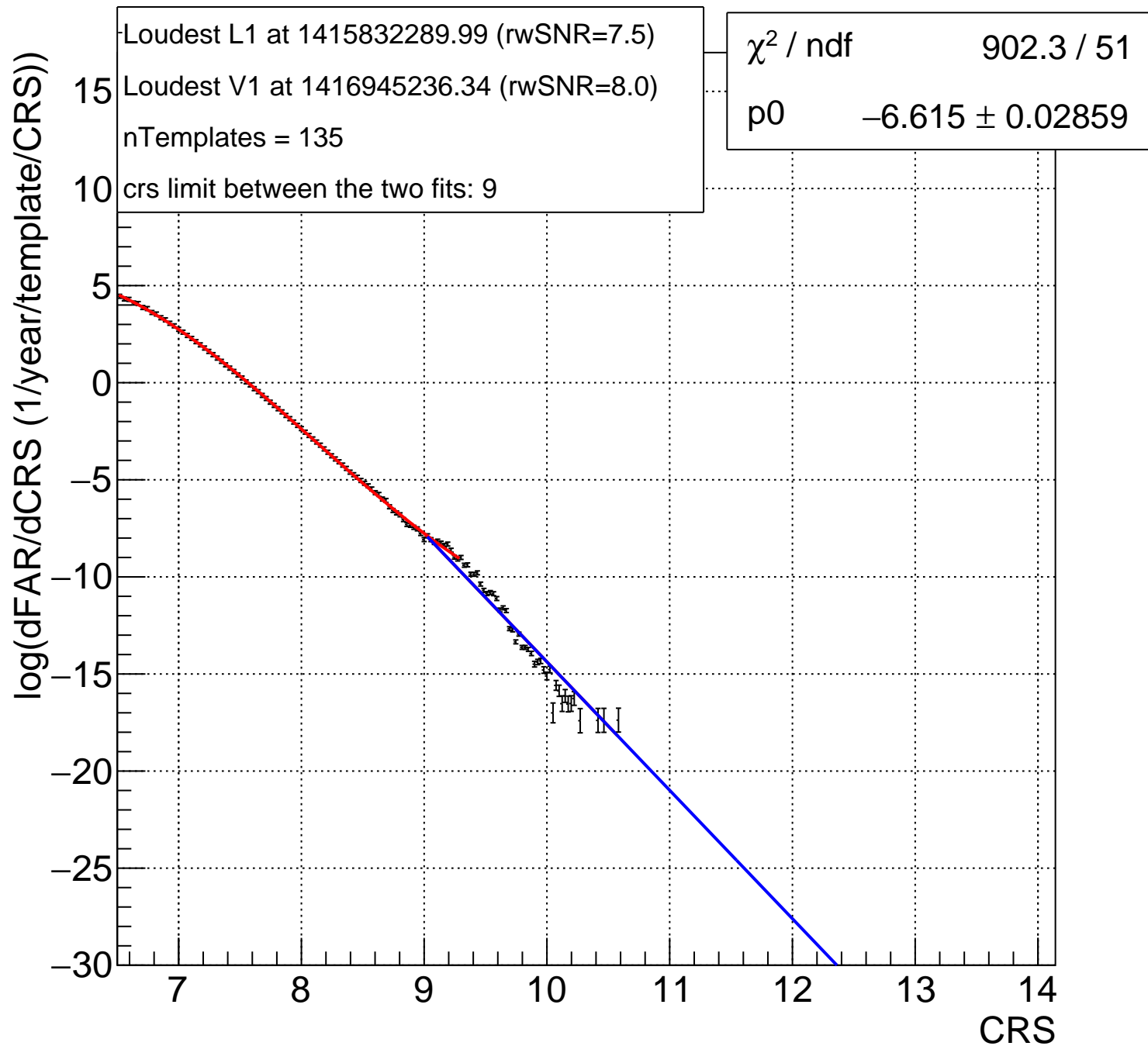
Bin:184 58.35<mTot<63.59 and -0.3333<chiEff<0.3333



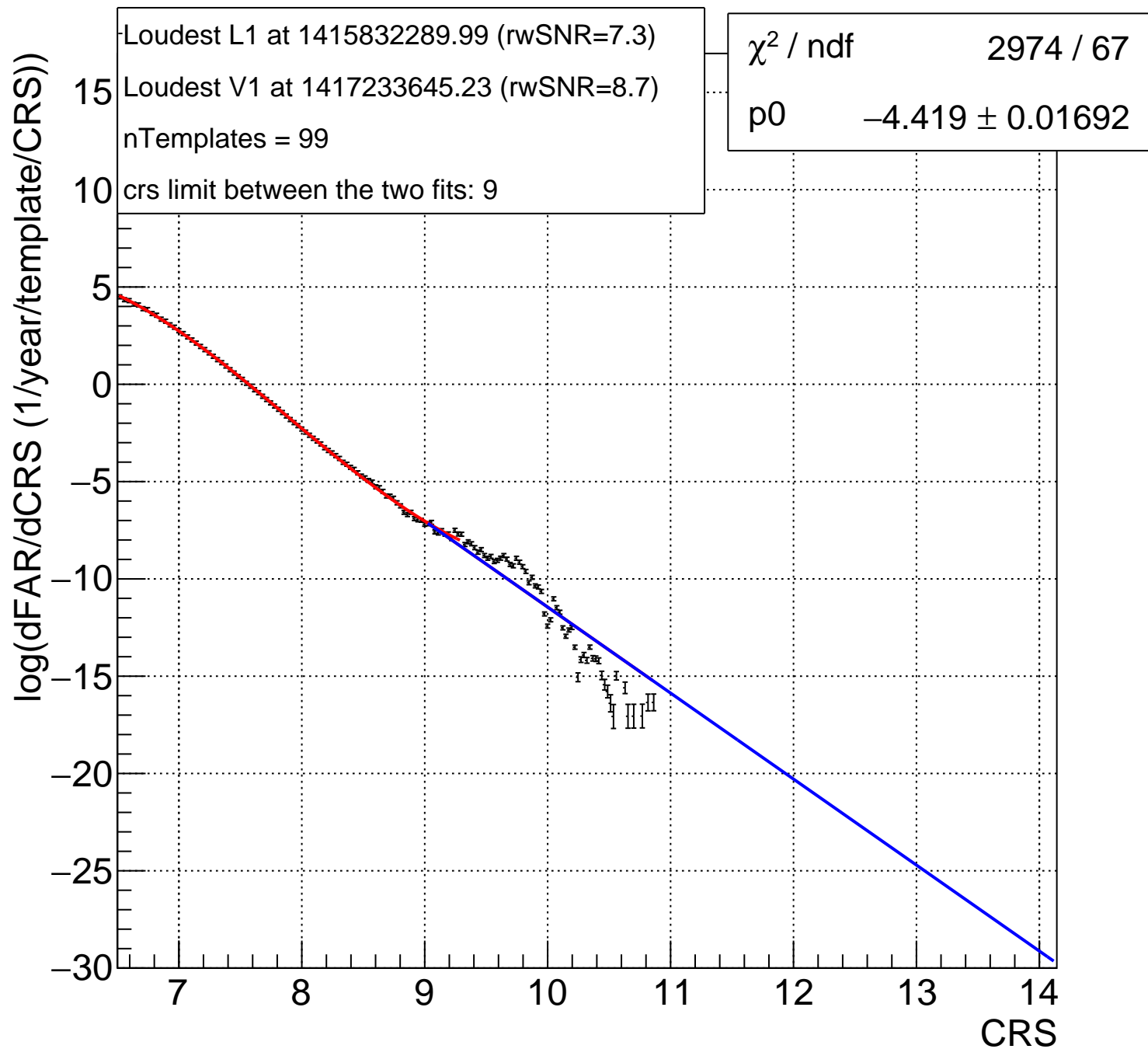
Bin:185 63.59<mTot<69.3 and -0.3333<chiEff<0.3333



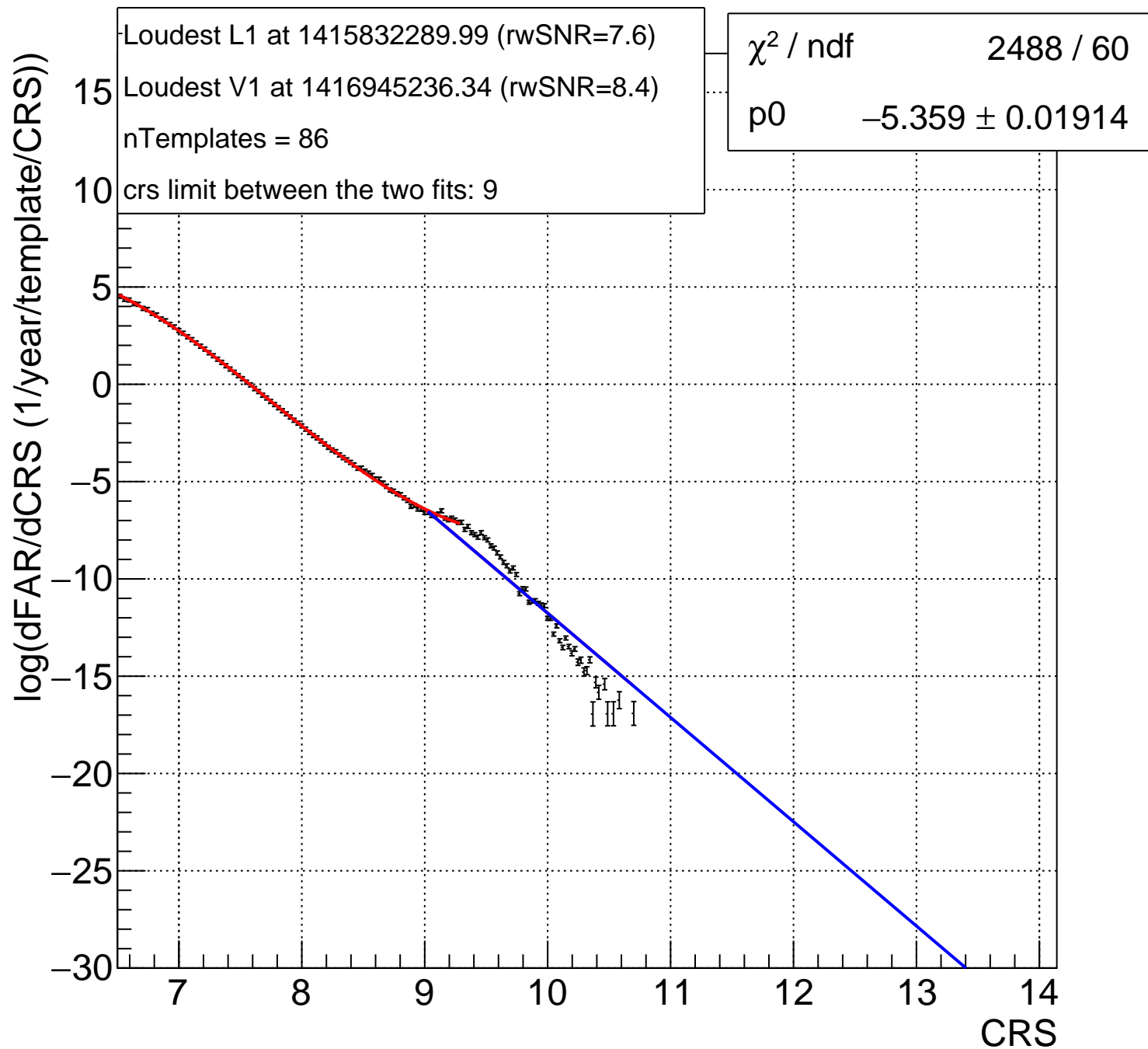
Bin:186 69.3<mTot<75.51 and -0.3333<chiEff<0.3333



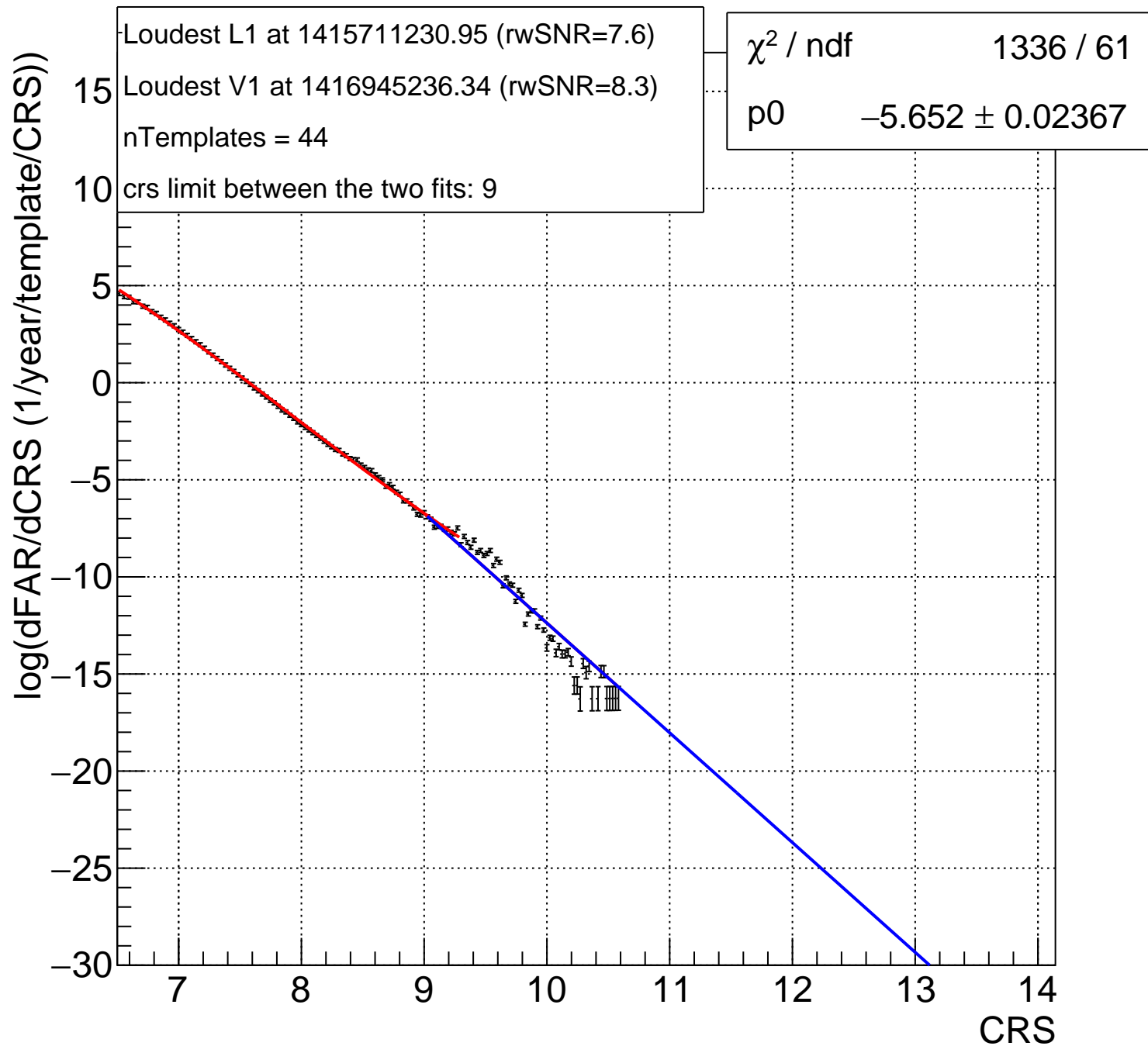
Bin: 187 75.51 < mTot < 82.29 and -0.3333 < chiEff < 0.3333



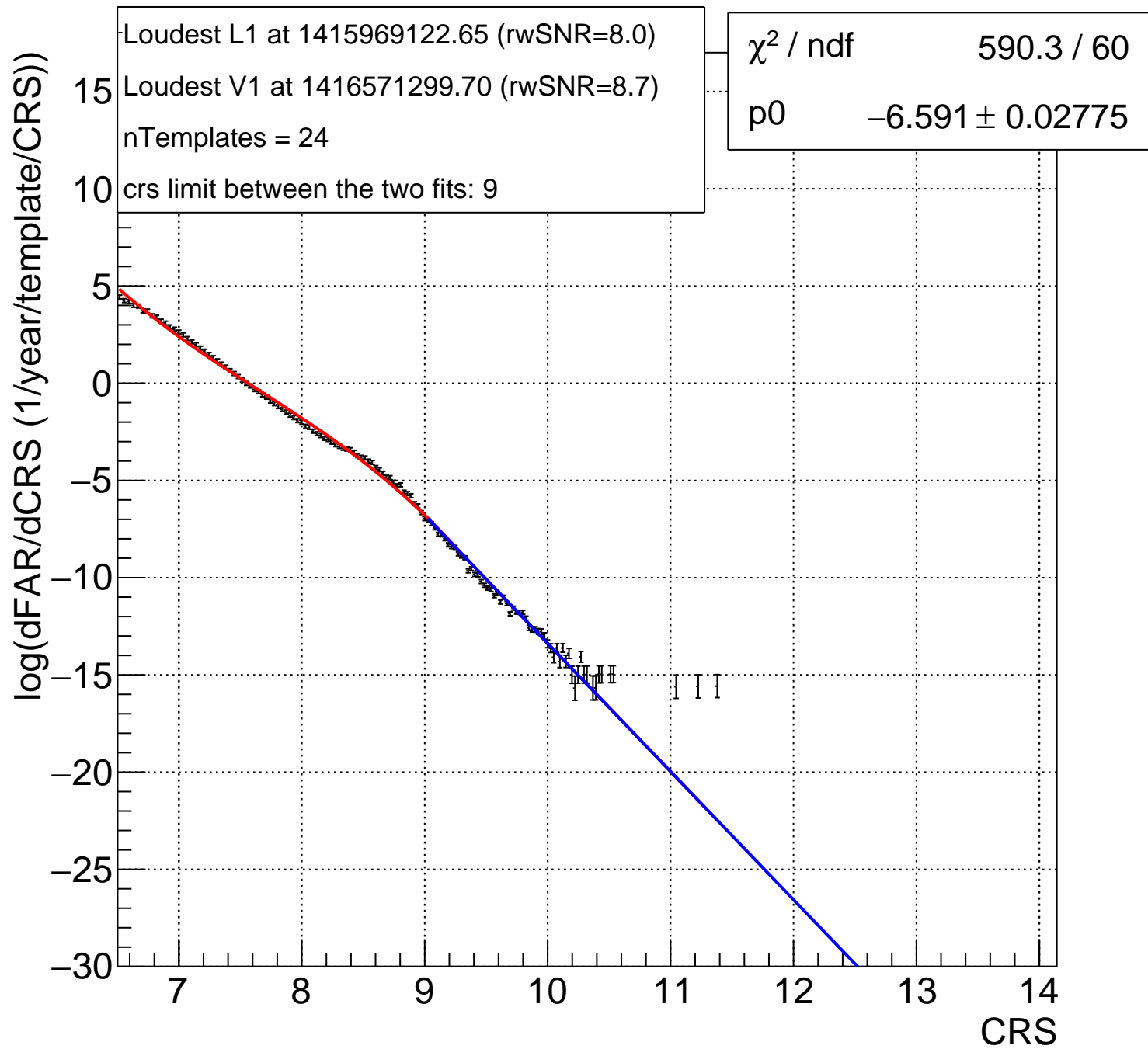
Bin:188 82.29<mTot<89.67 and -0.3333<chiEff<0.3333



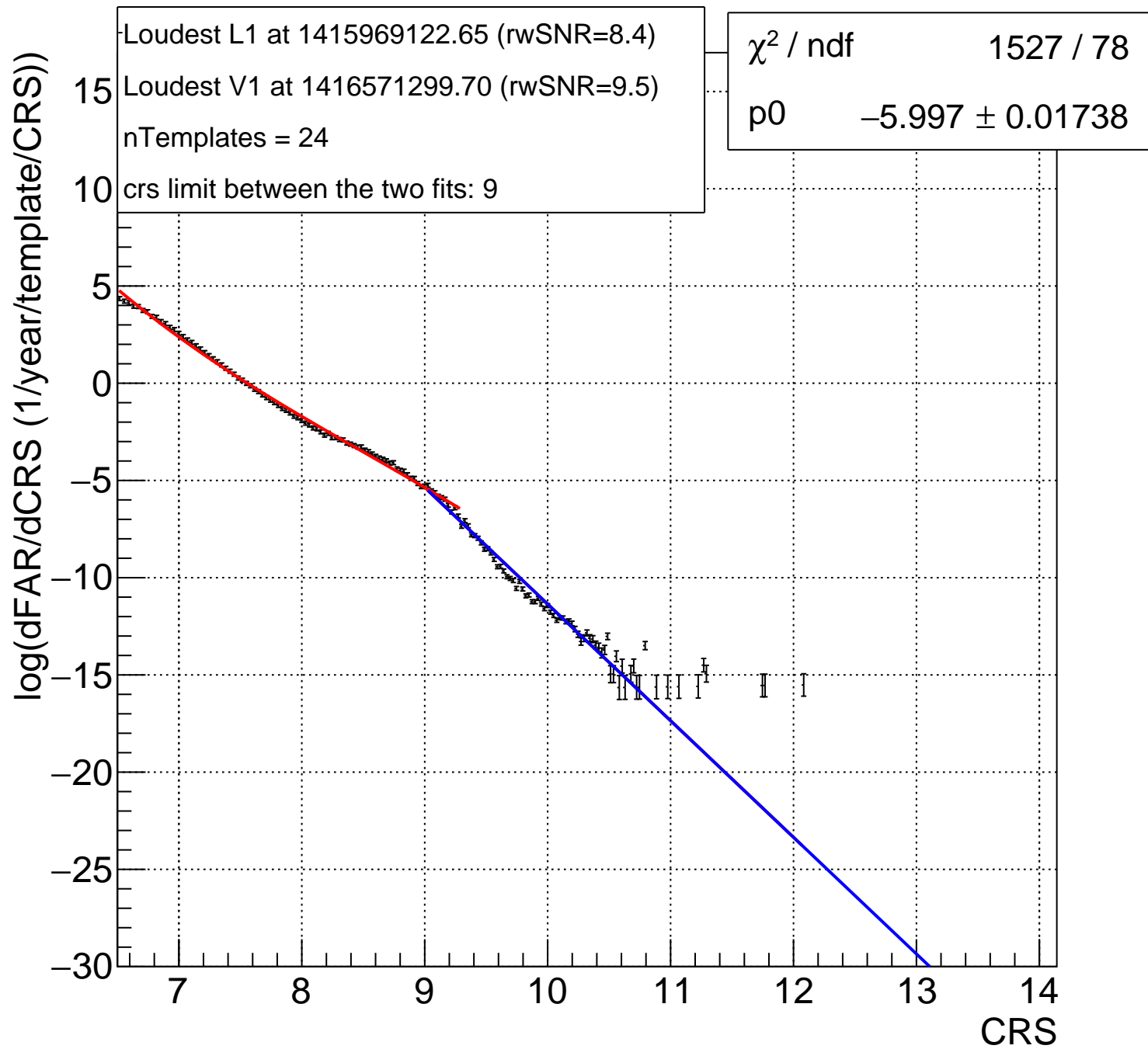
Bin: 189 89.67 < mTot < 97.72 and -0.3333 < chiEff < 0.3333



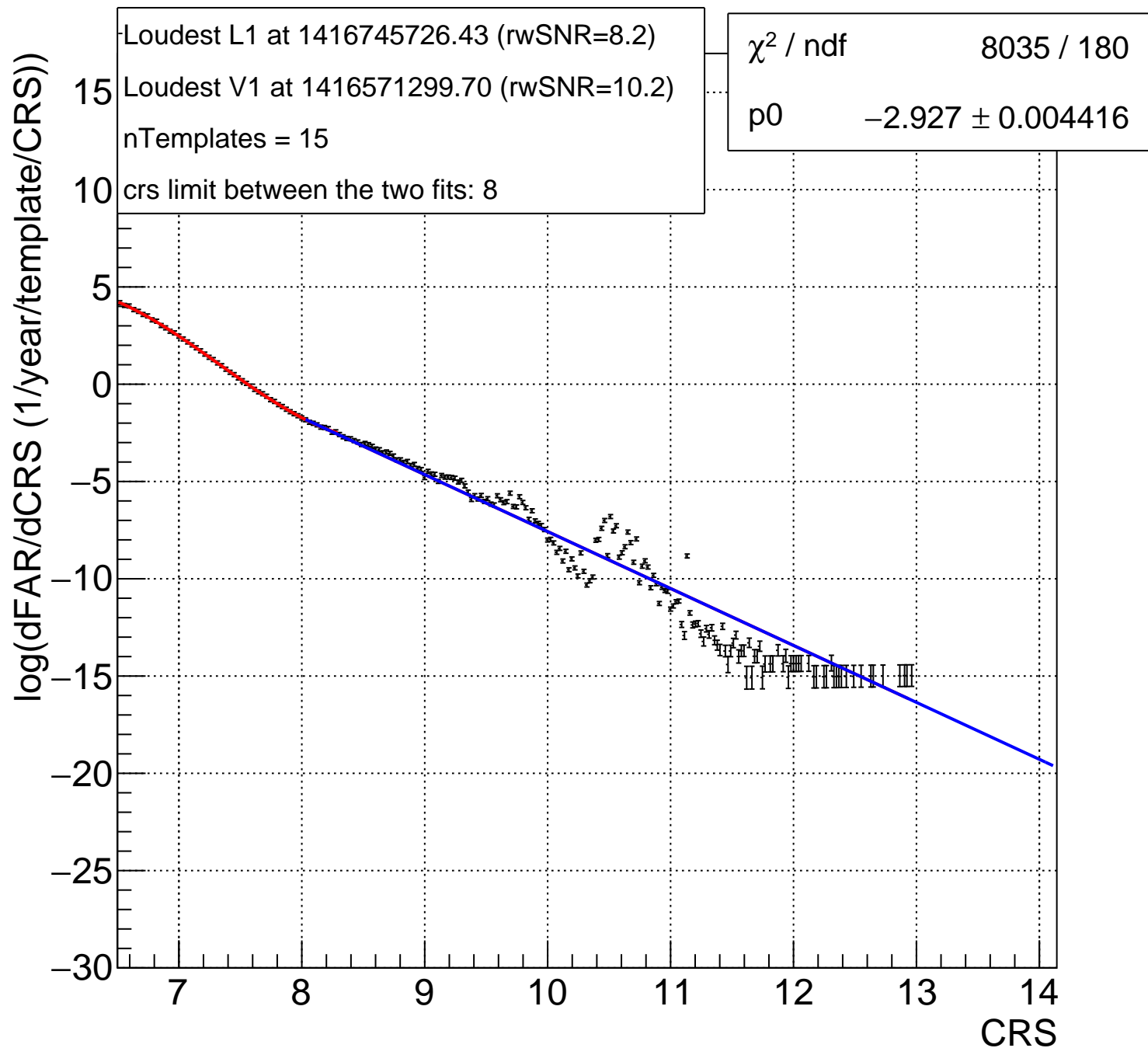
Bin:190 97.72<mTot<106.5 and -0.3333<chiEff<0.3333



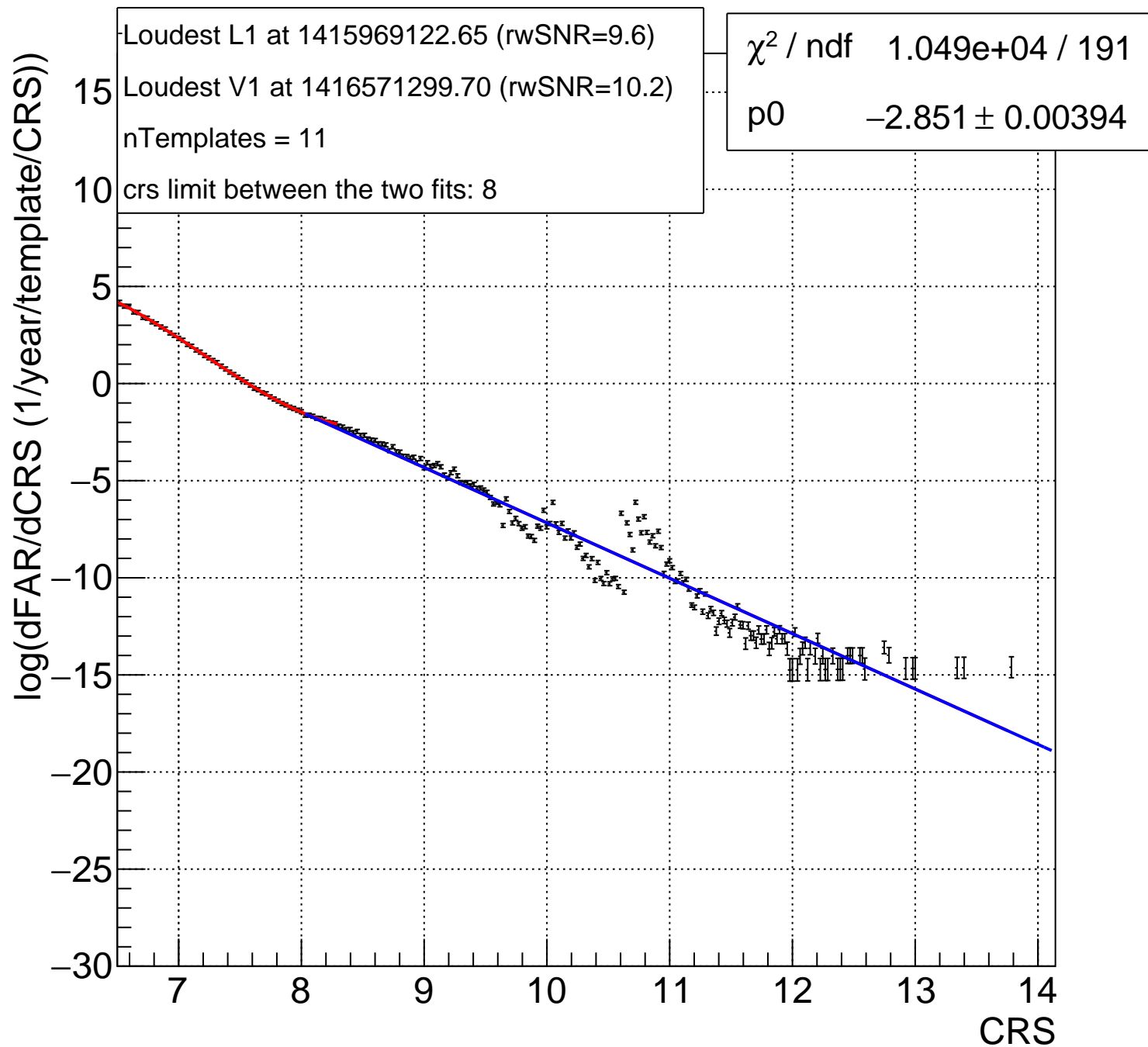
Bin:191 106.5<mTot<116 and -0.3333<chiEff<0.3333



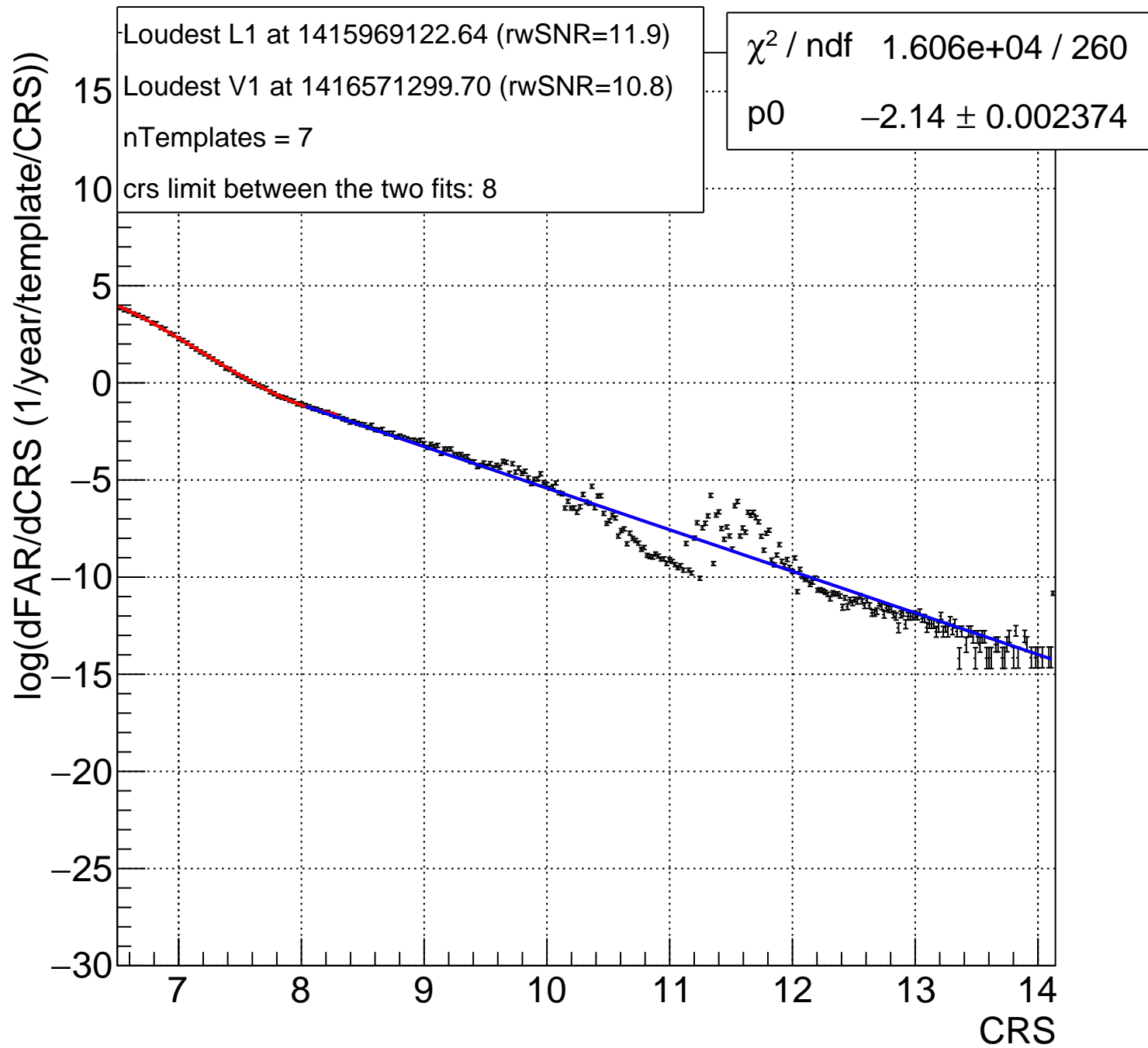
Bin: 192 116 < mTot < 126.4 and -0.3333 < chiEff < 0.3333



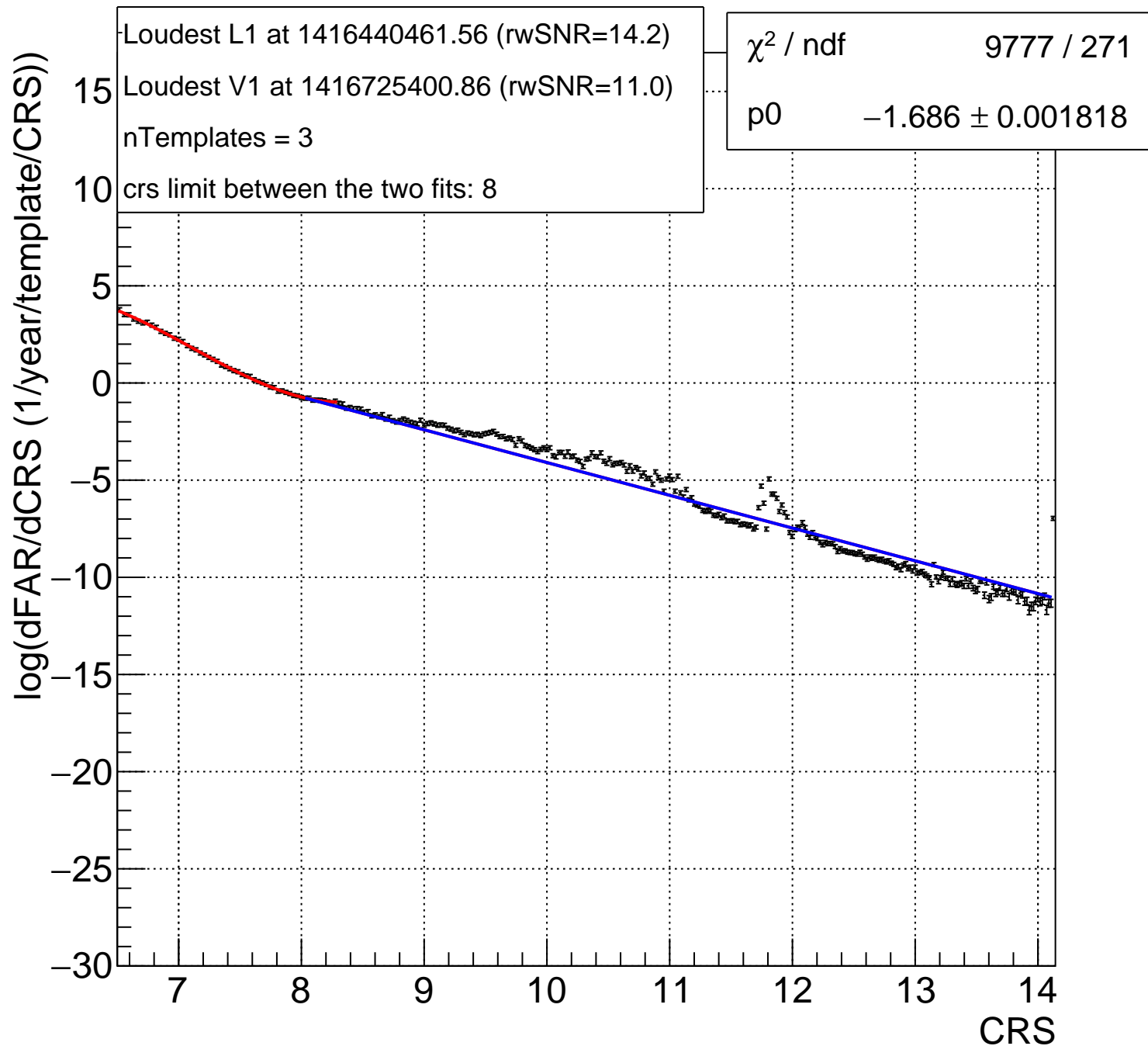
Bin:193 126.4<mTot<137.8 and -0.3333<chiEff<0.3333



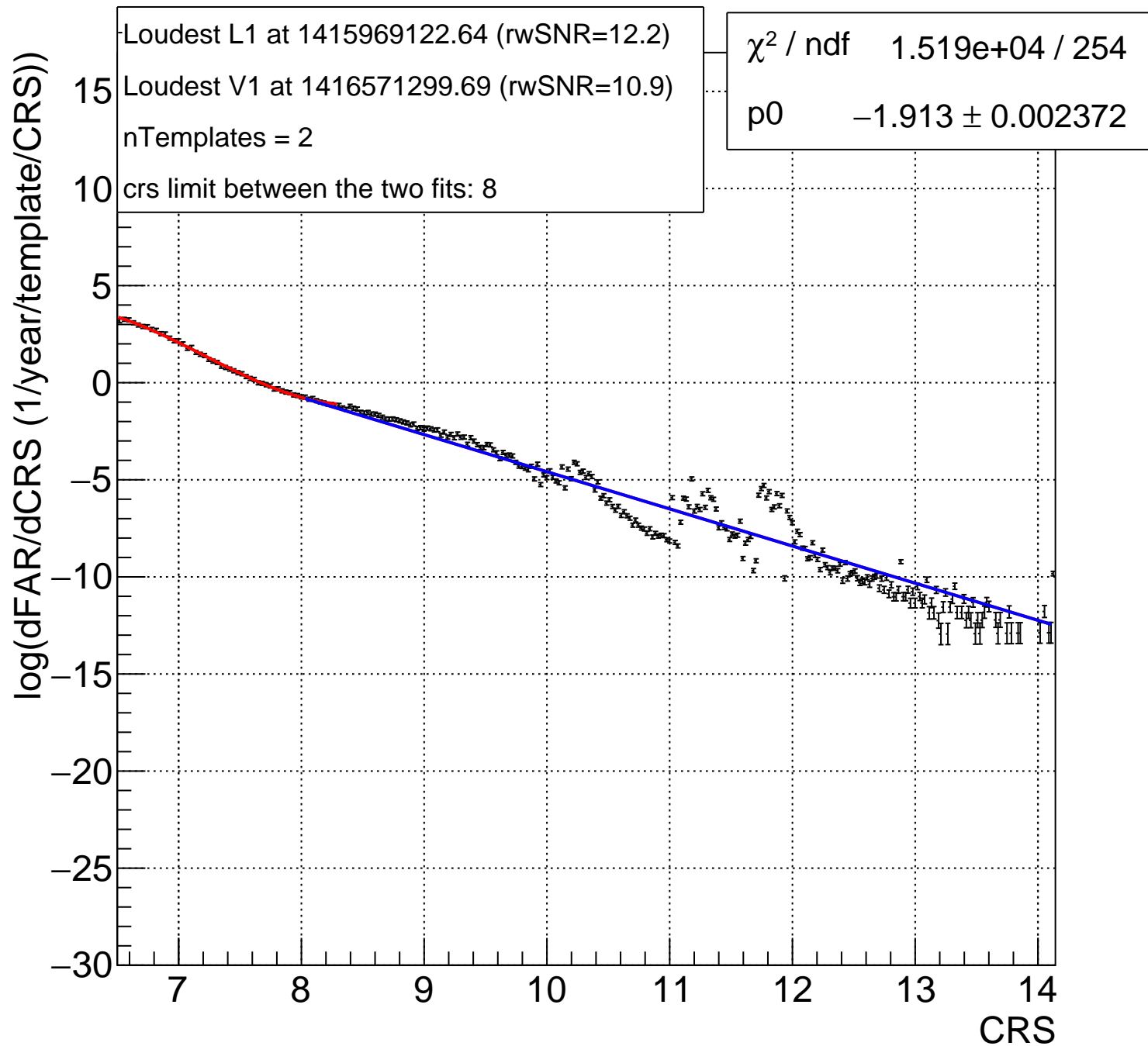
Bin:194 137.8<mTot<150.2 and -0.3333<chiEff<0.3333



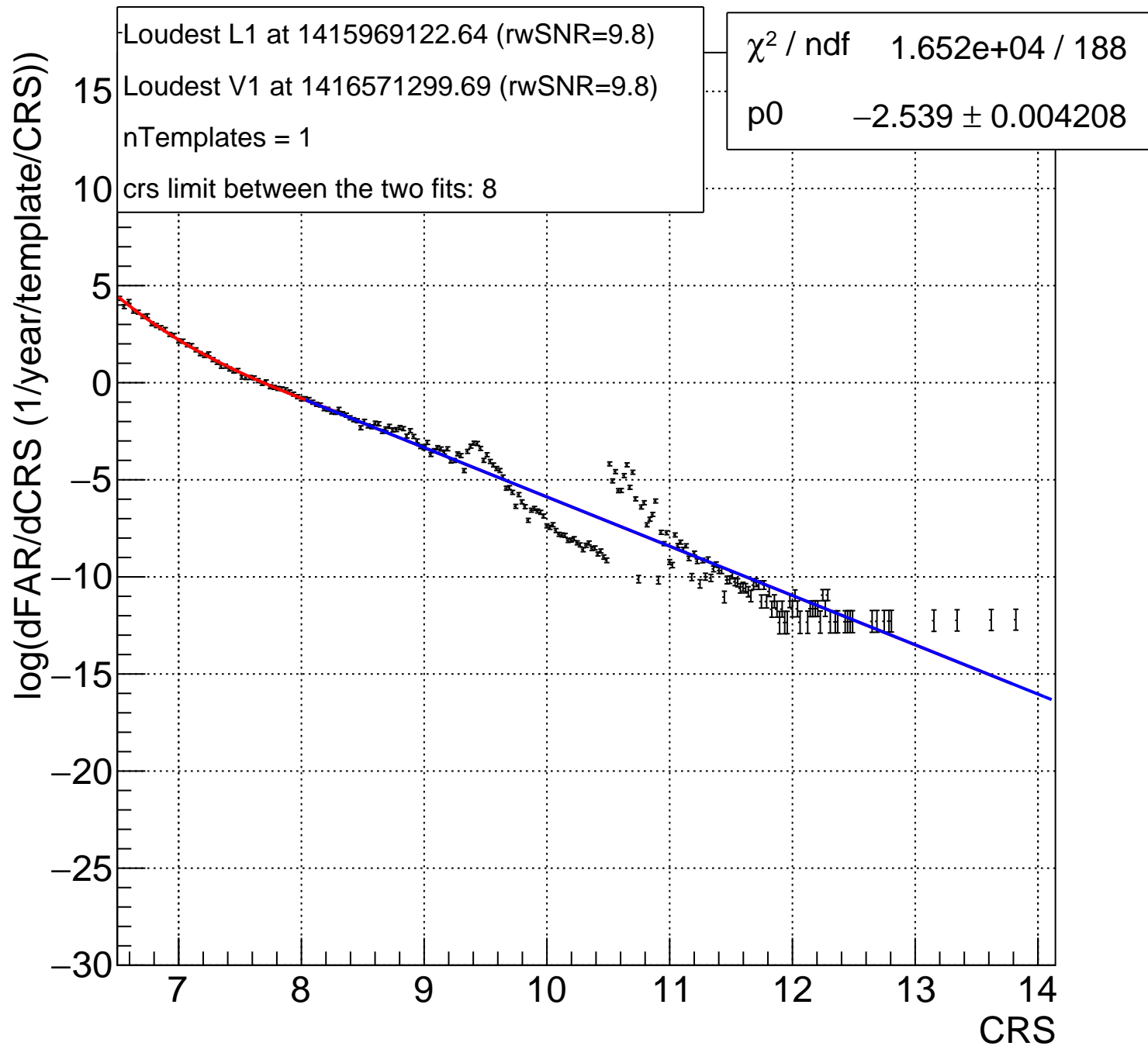
Bin:195 150.2<mTot<163.6 and -0.3333<chiEff<0.3333



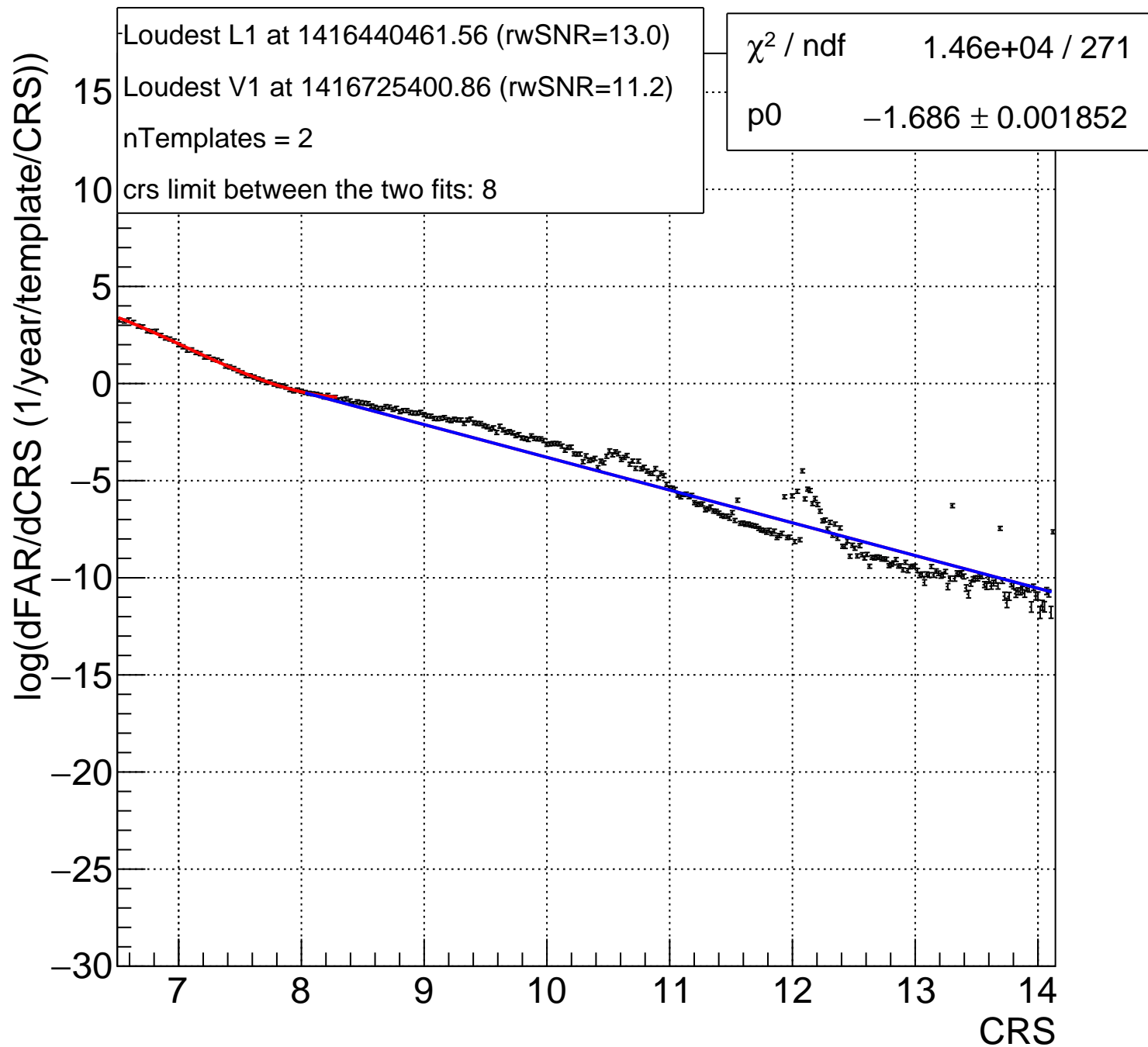
Bin:196 163.6<mTot<178.3 and -0.3333<chiEff<0.3333



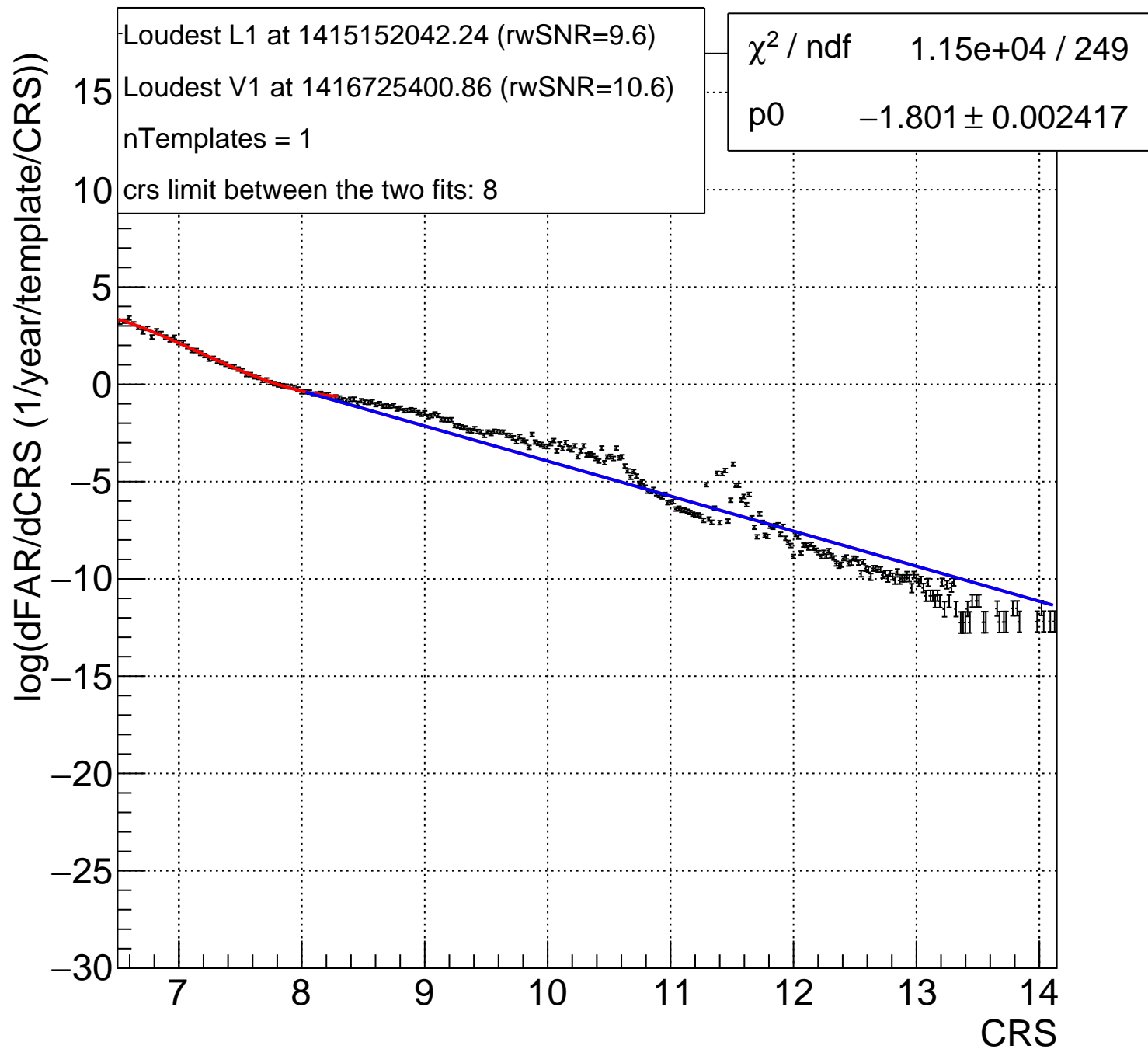
Bin:197 178.3<mTot<194.3 and -0.3333<chiEff<0.3333



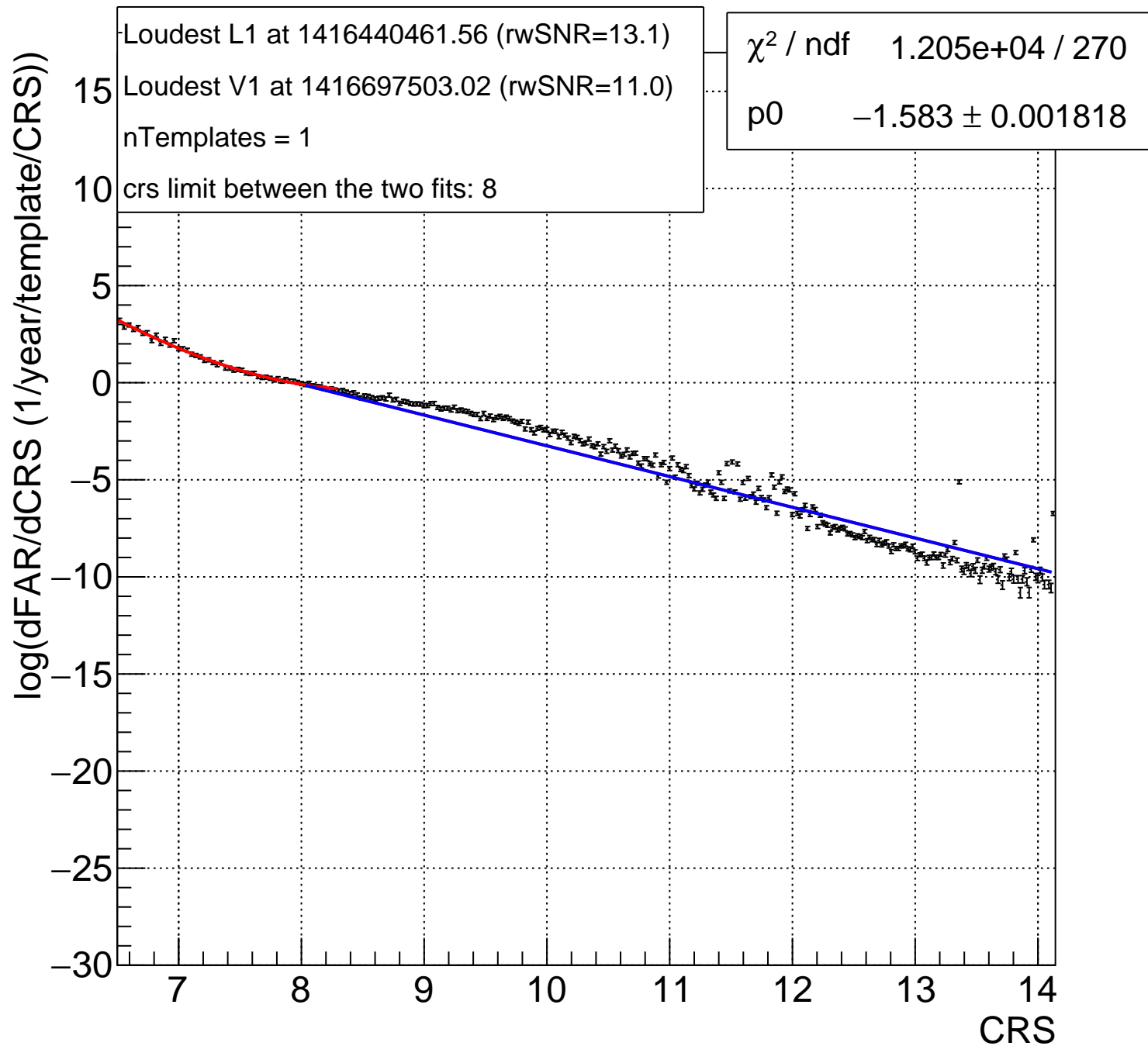
Bin:198 194.3<mTot<211.7 and -0.3333<chiEff<0.3333



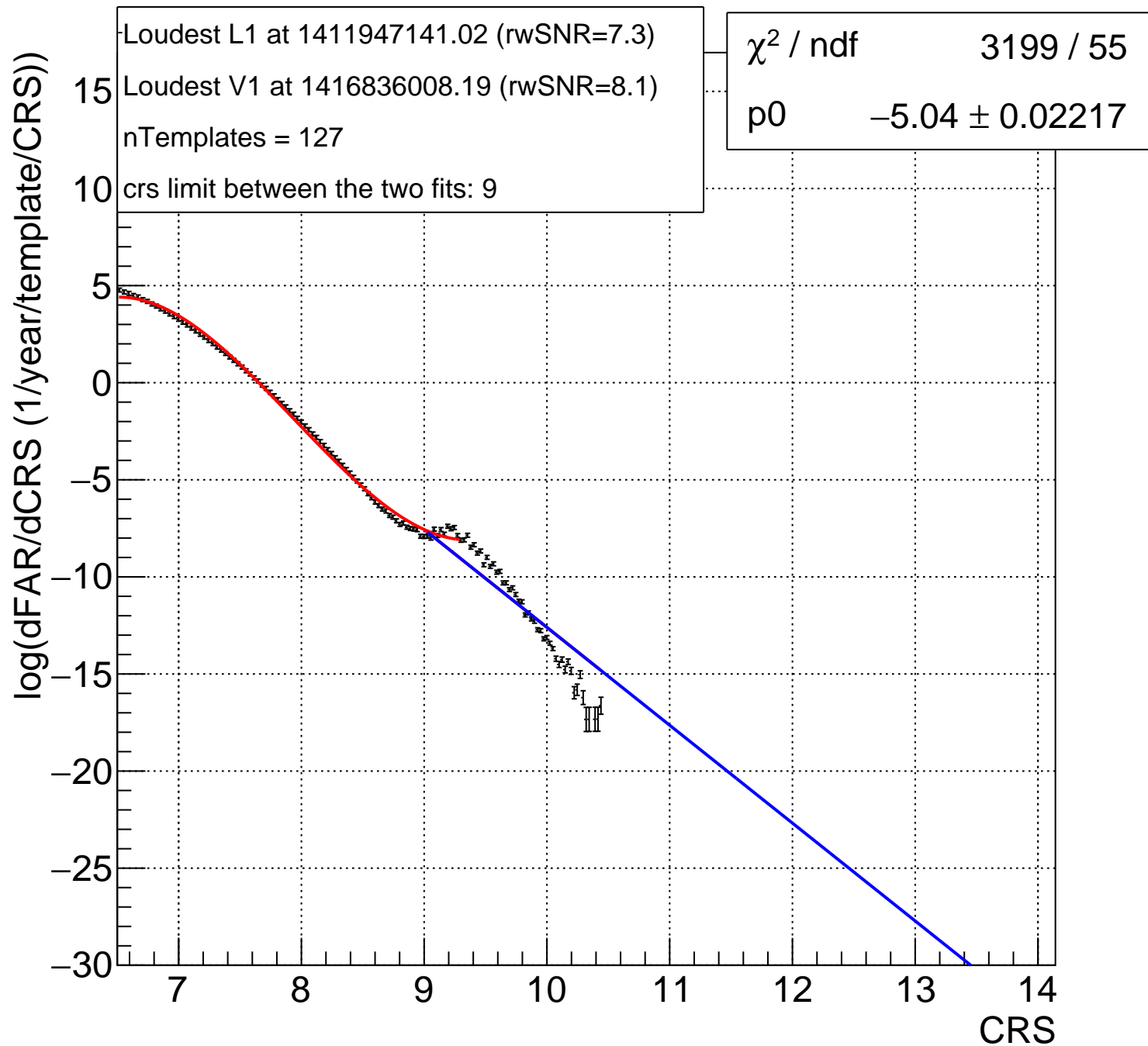
Bin:199 211.7<mTot<230.7 and -0.3333<chiEff<0.3333



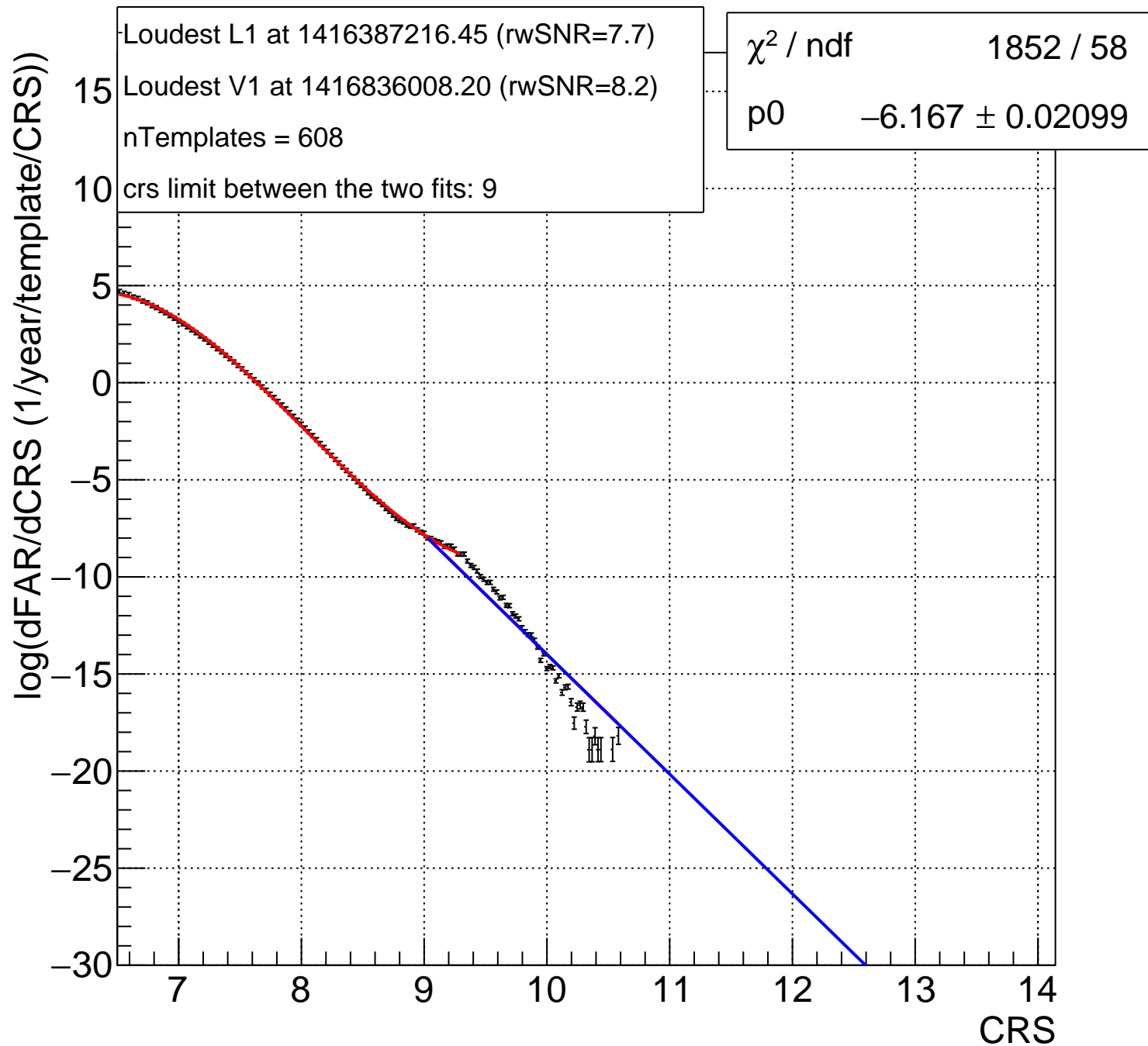
Bin:200 230.7<mTot<251.4 and -0.3333<chiEff<0.3333



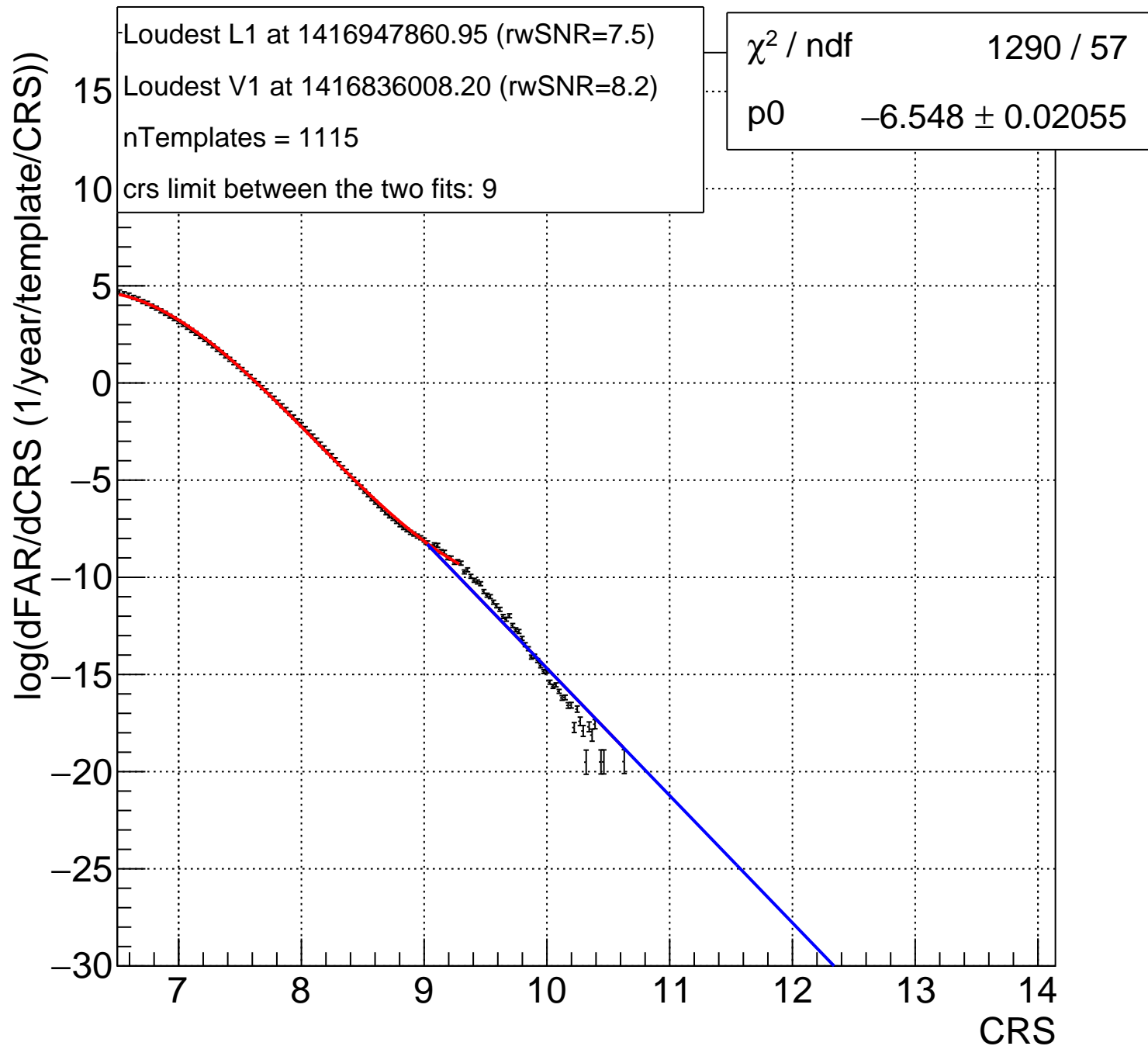
Bin:209 16.08<mTot<17.52 and 0.3333<chiEff<1



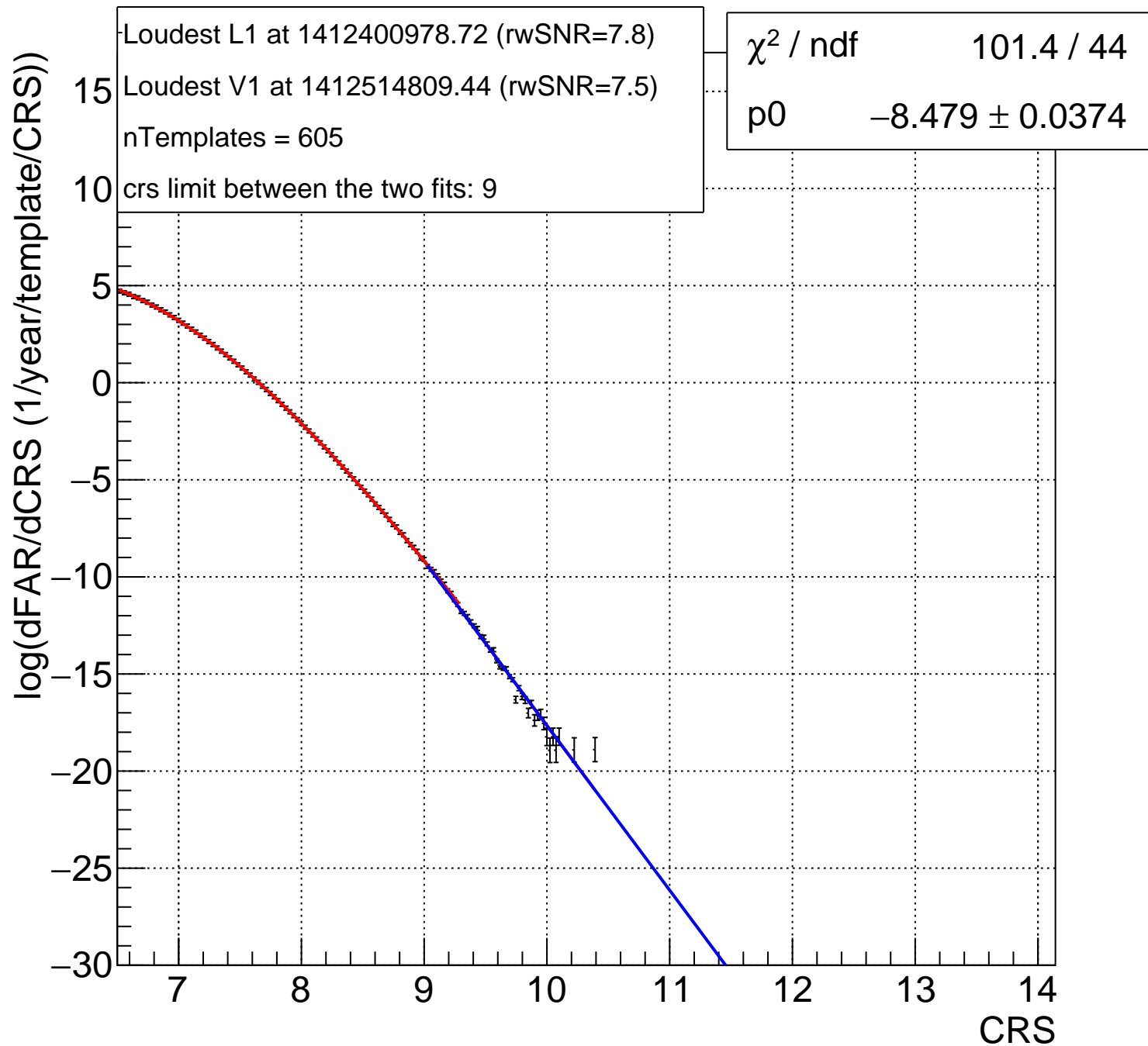
Bin:210 17.52<mTot<19.1 and 0.3333<chiEff<1



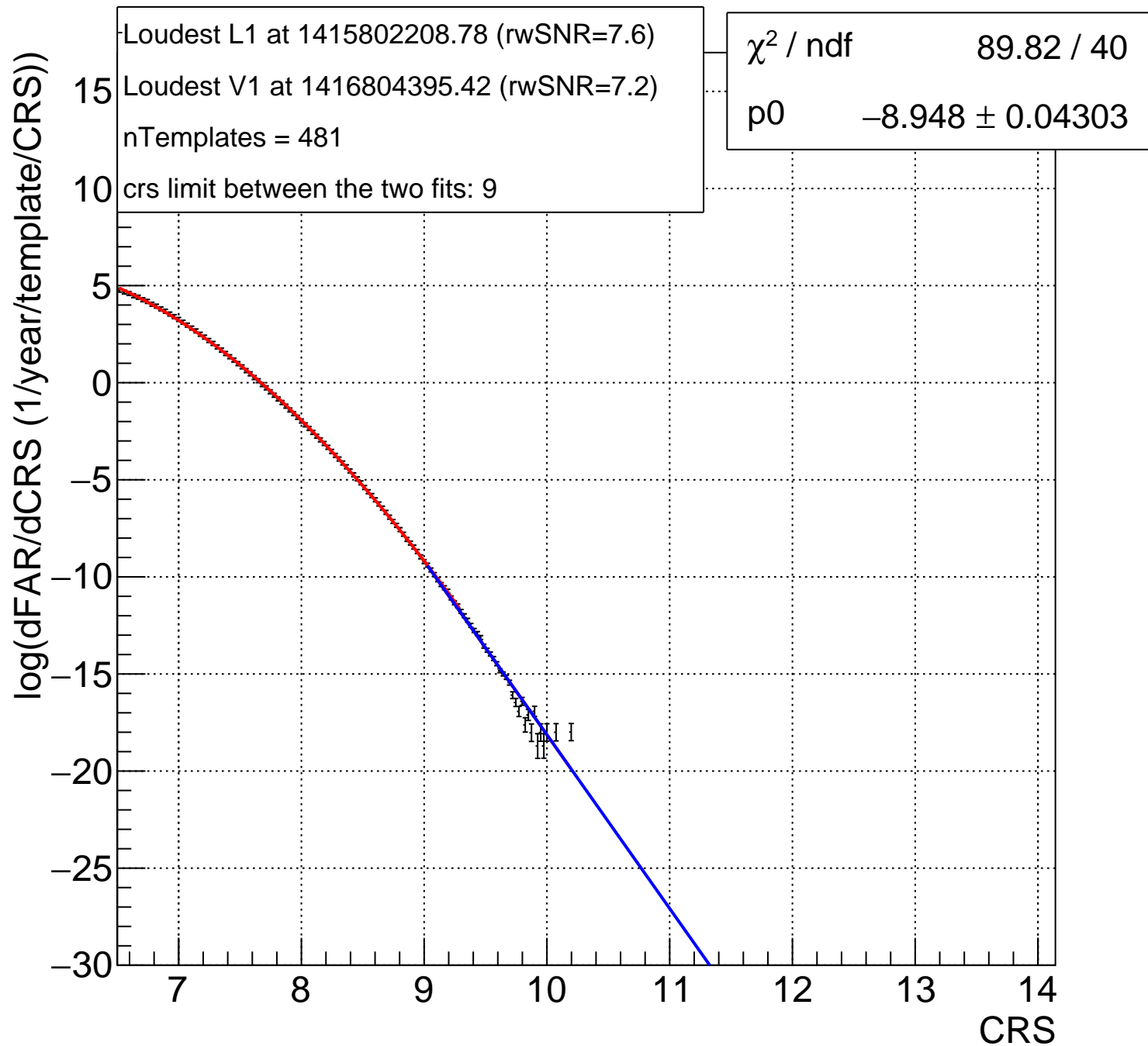
Bin:211 19.1<mTot<20.81 and 0.3333<chiEff<1



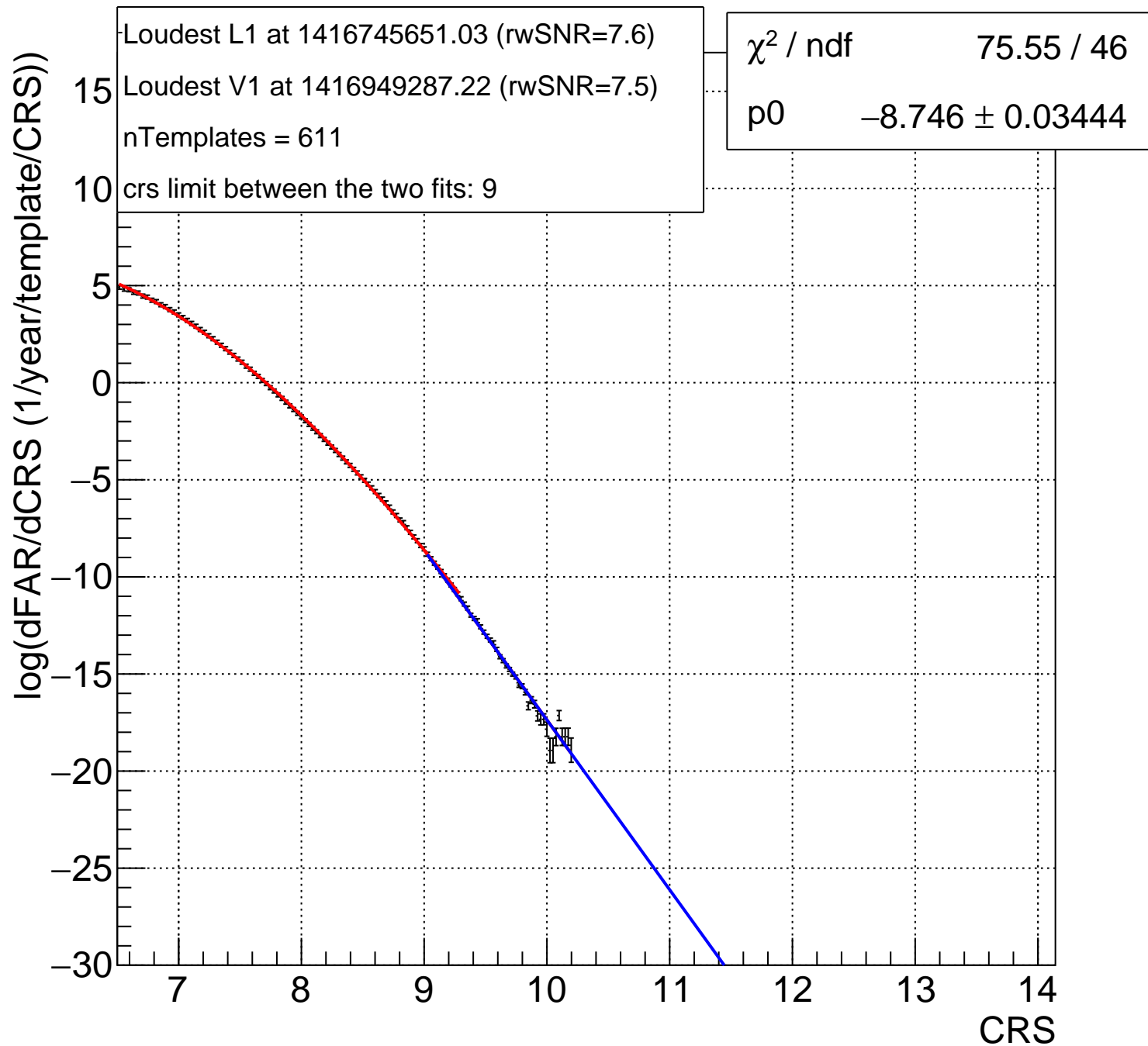
Bin:212 20.81<mTot<22.68 and 0.3333<chiEff<1



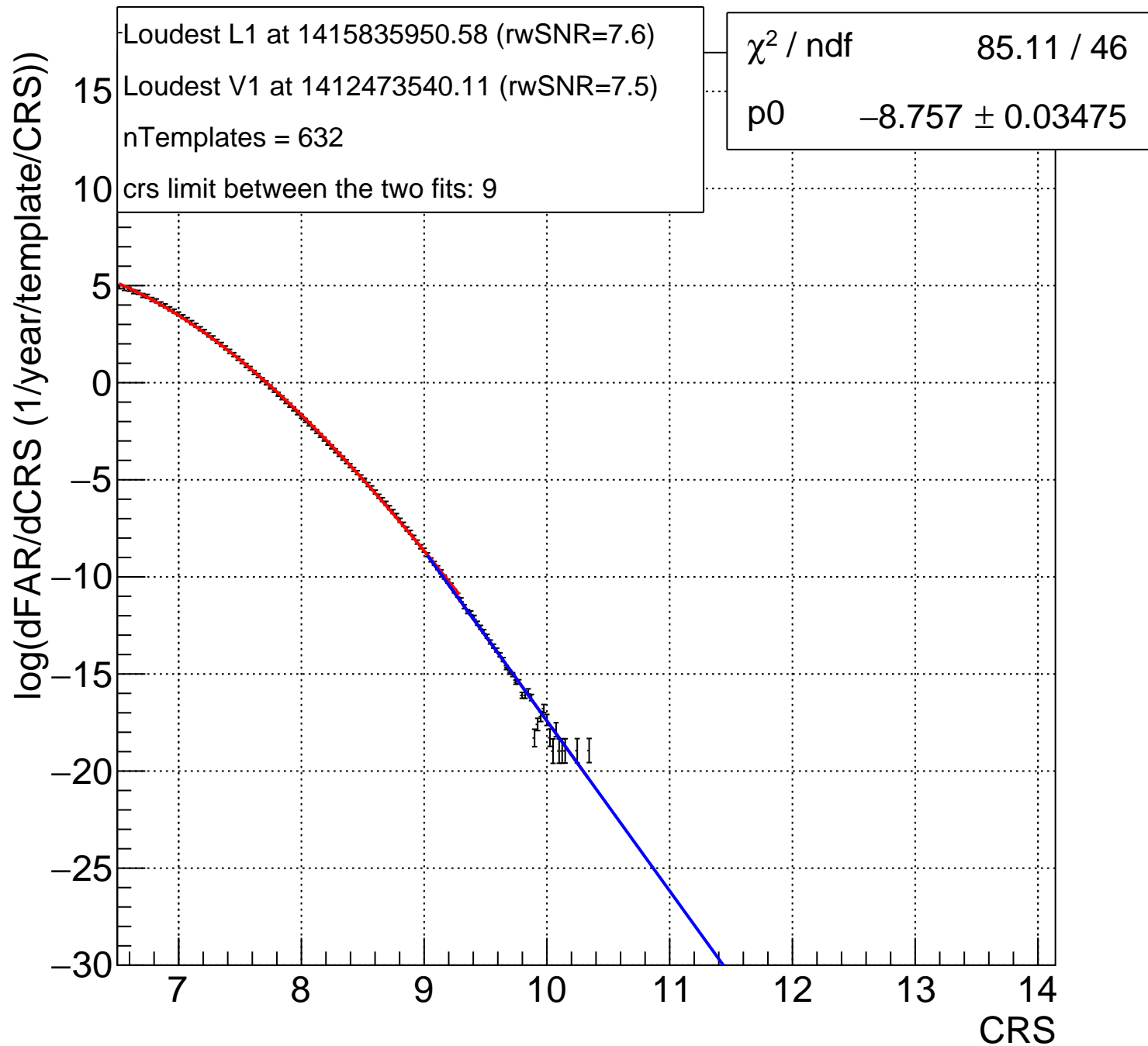
Bin:213 22.68<mTot<24.71 and 0.3333<chiEff<1



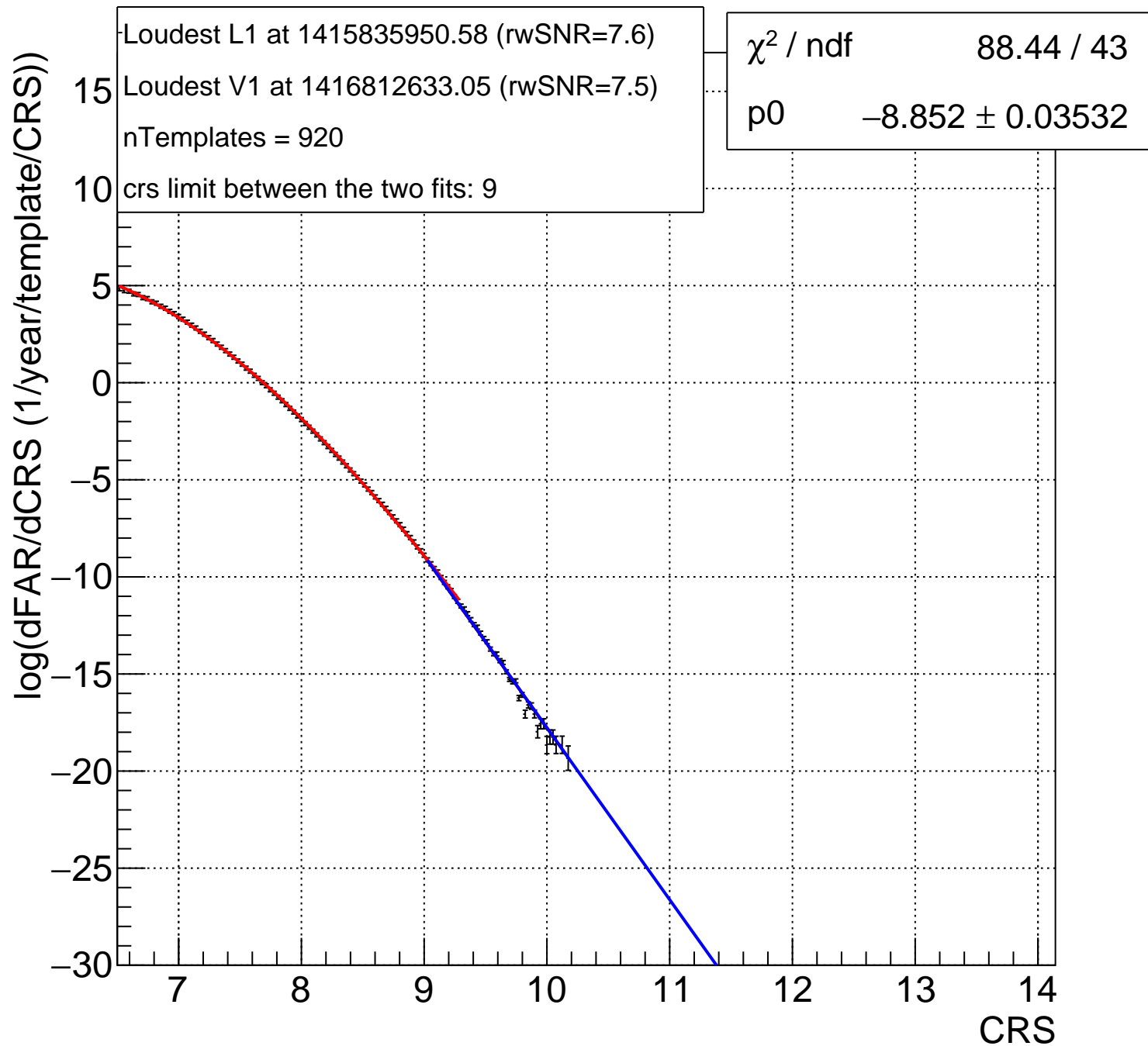
Bin:214 24.71<mTot<26.93 and 0.3333<chiEff<1



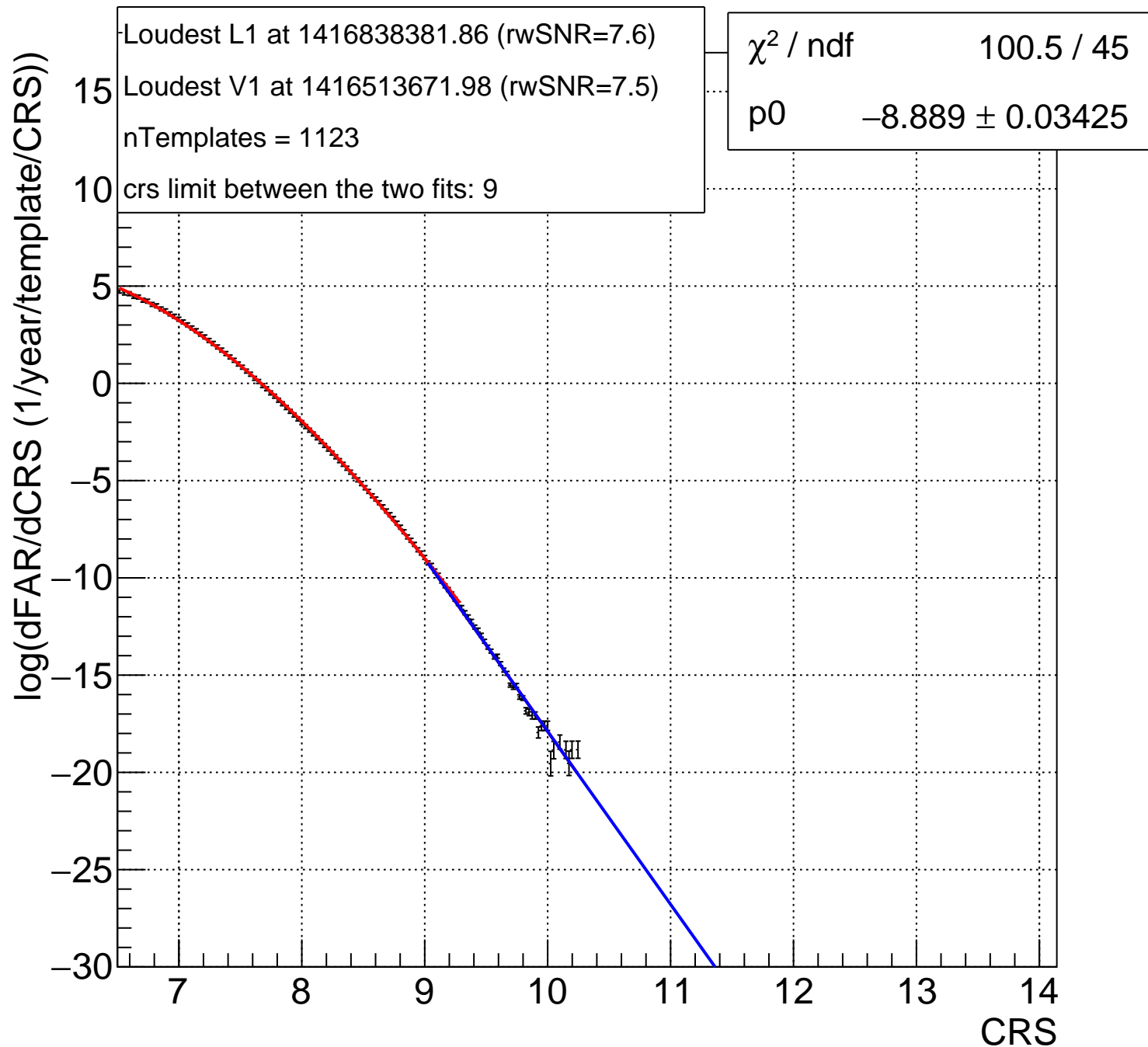
Bin:215 26.93<mTot<29.35 and 0.3333<chiEff<1



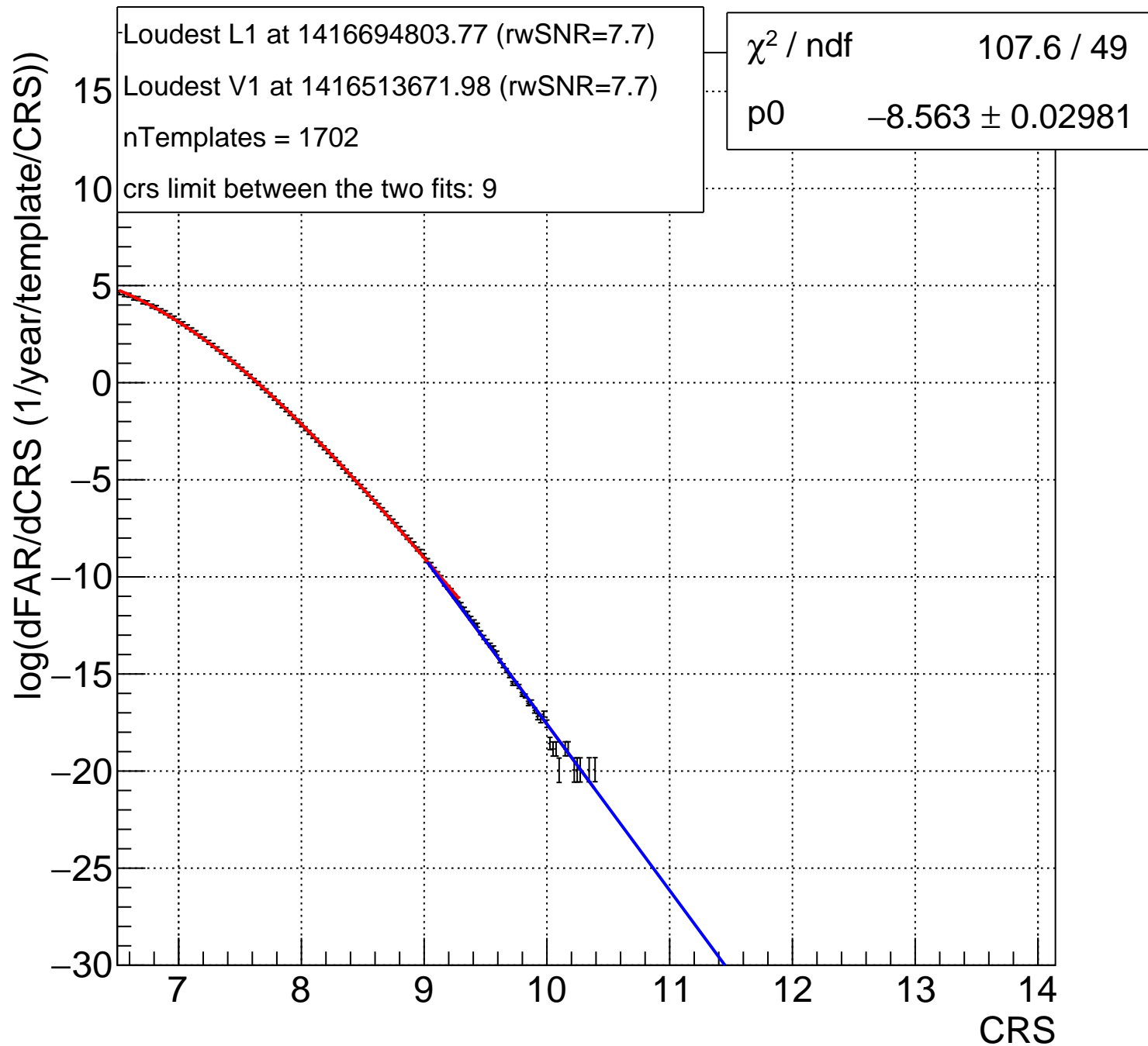
Bin:216 29.35<mTot<31.98 and 0.3333<chiEff<1



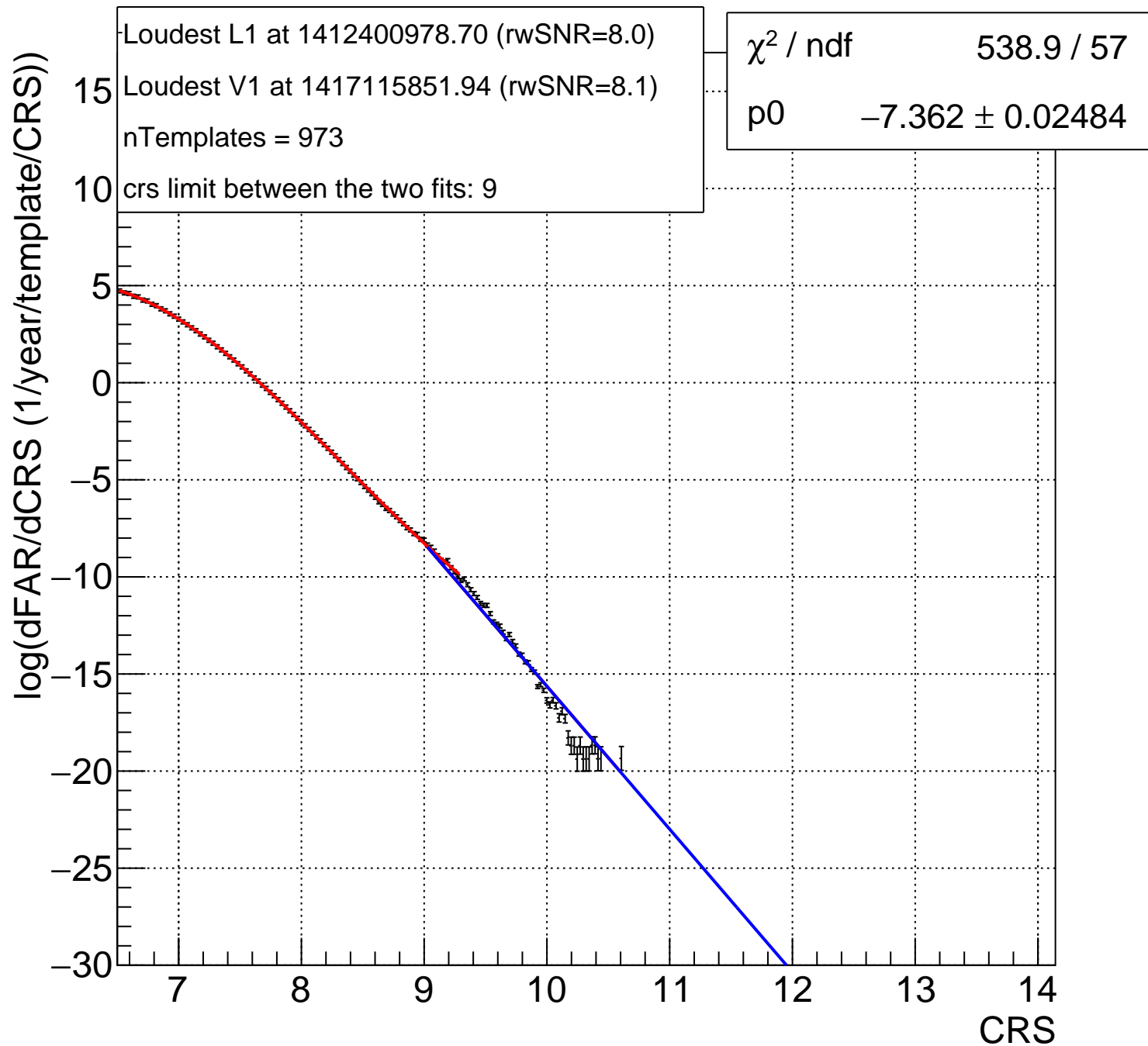
Bin:217 31.98<mTot<34.85 and 0.3333<chiEff<1



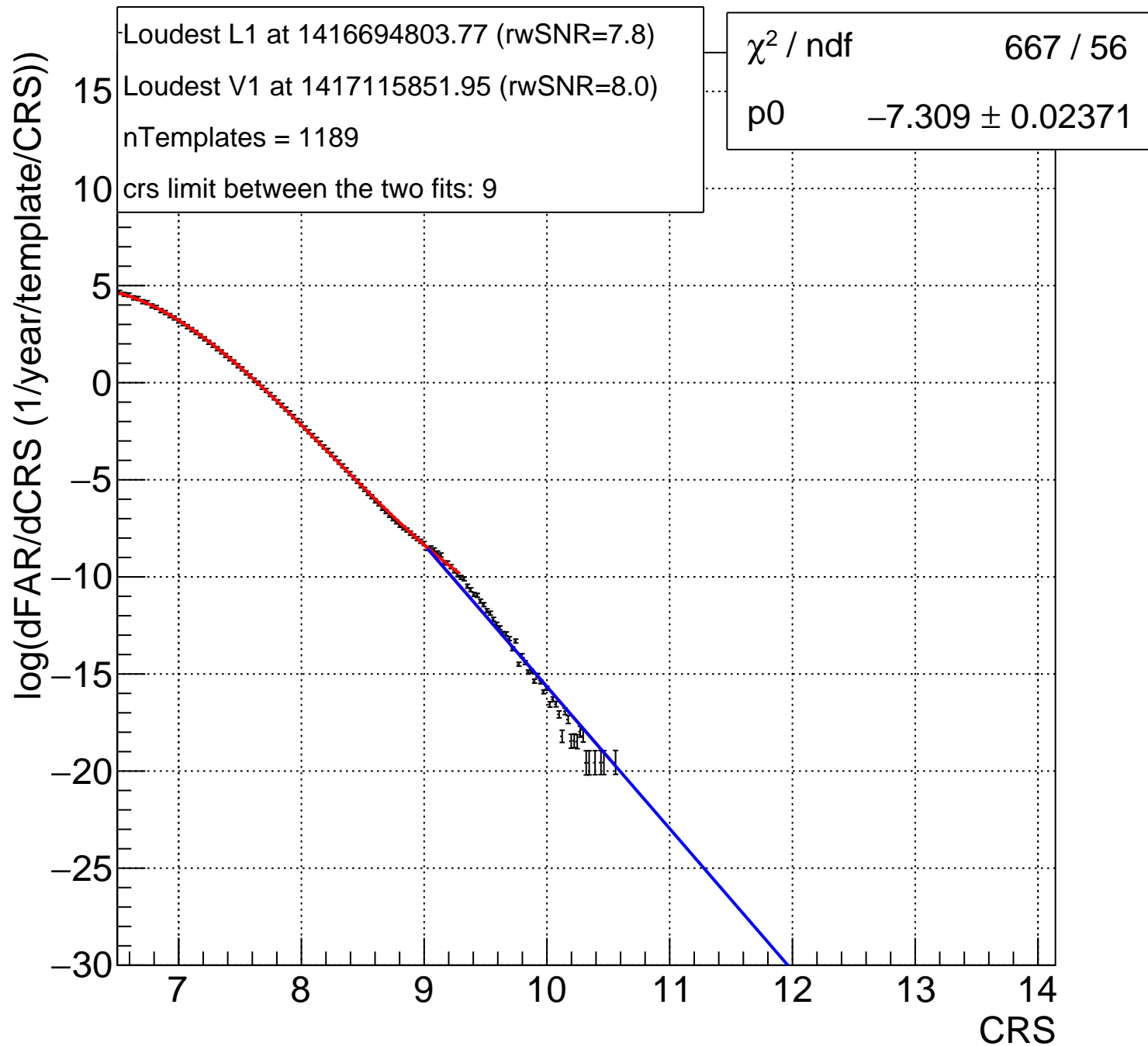
Bin:218 34.85<mTot<37.97 and 0.3333<chiEff<1



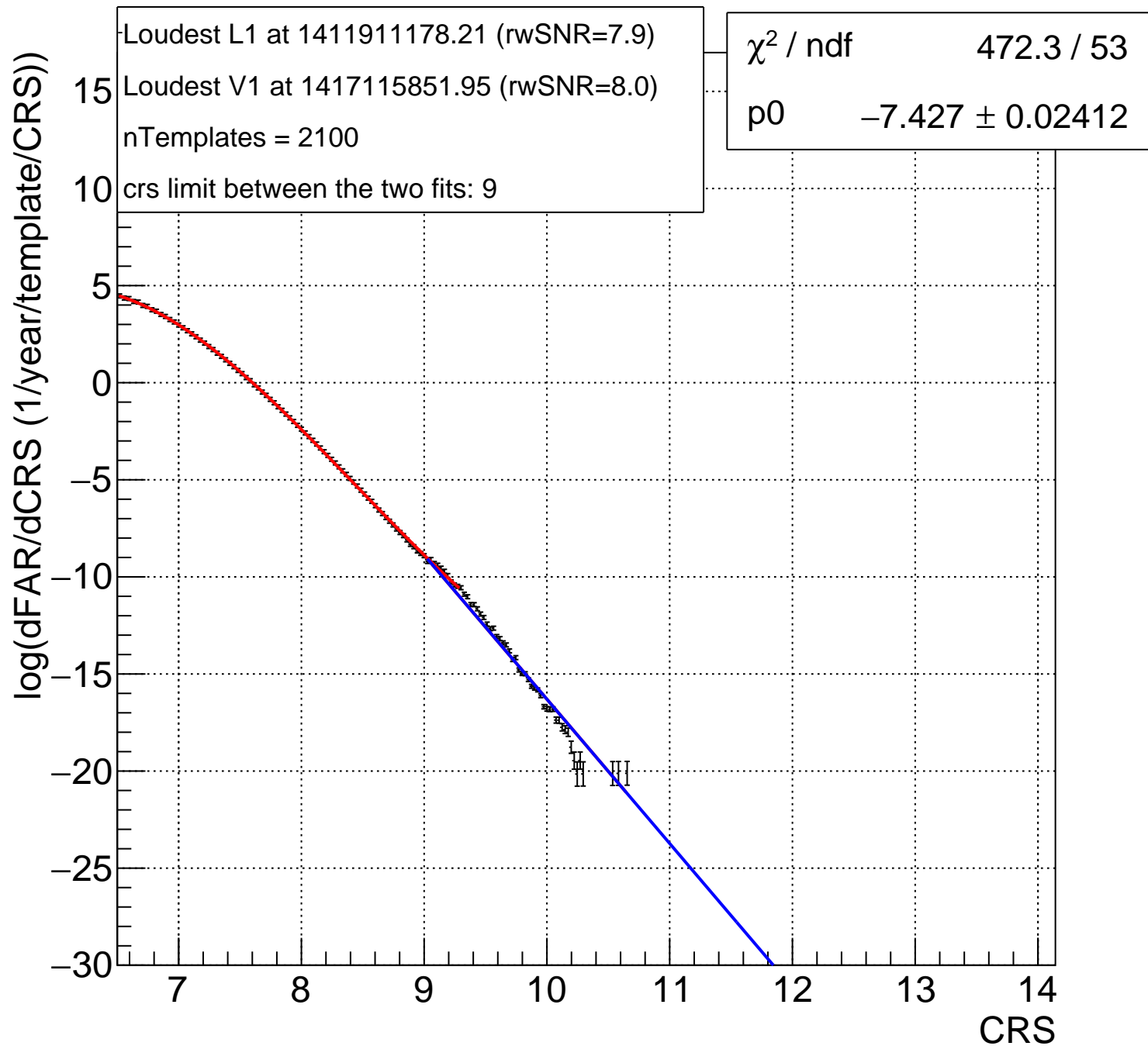
Bin:219  $37.97 < m_{\text{Tot}} < 41.38$  and  $0.3333 < \text{chiEff} < 1$



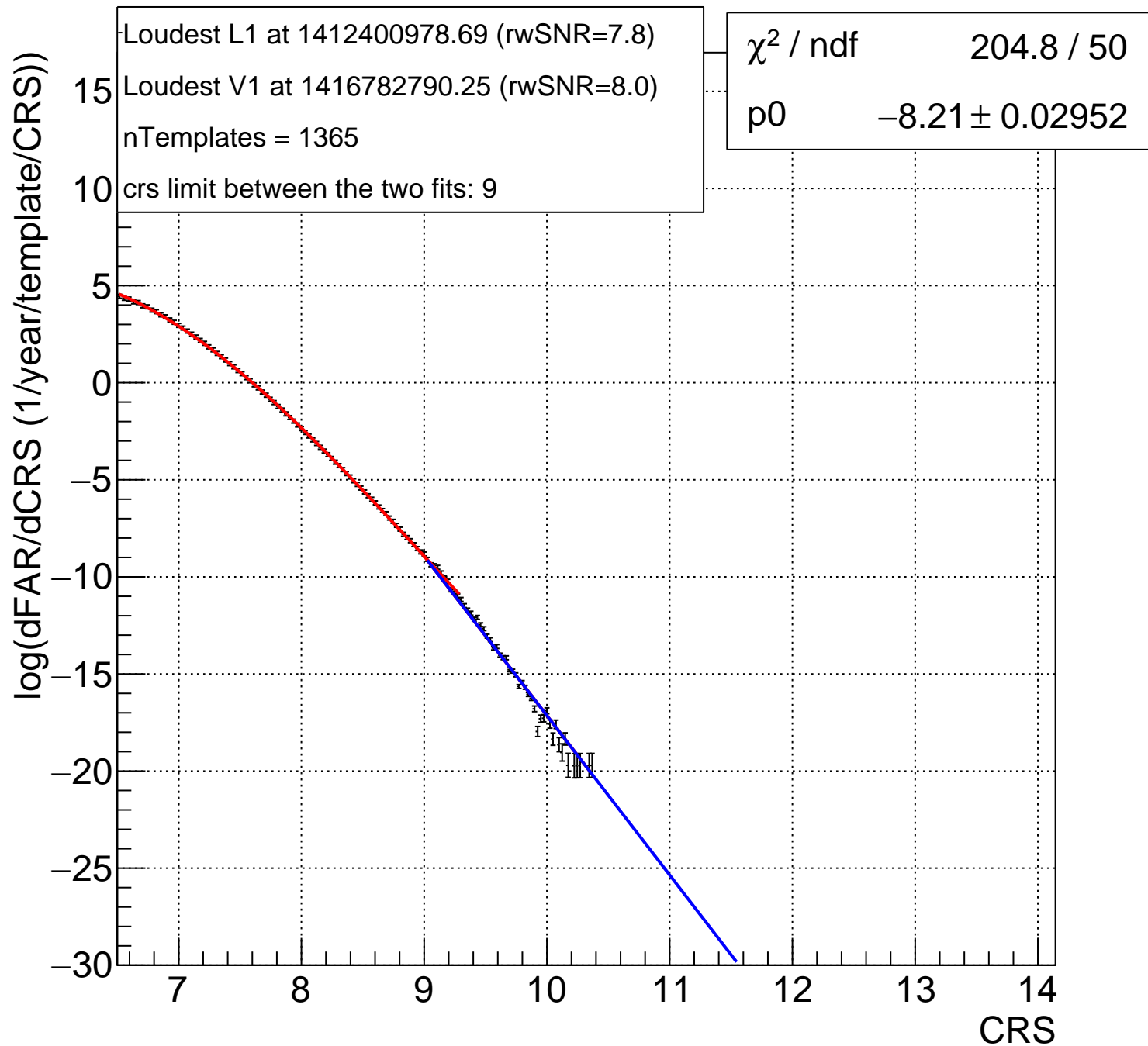
Bin:220  $41.38 < m_{\text{Tot}} < 45.09$  and  $0.3333 < \text{chiEff} < 1$



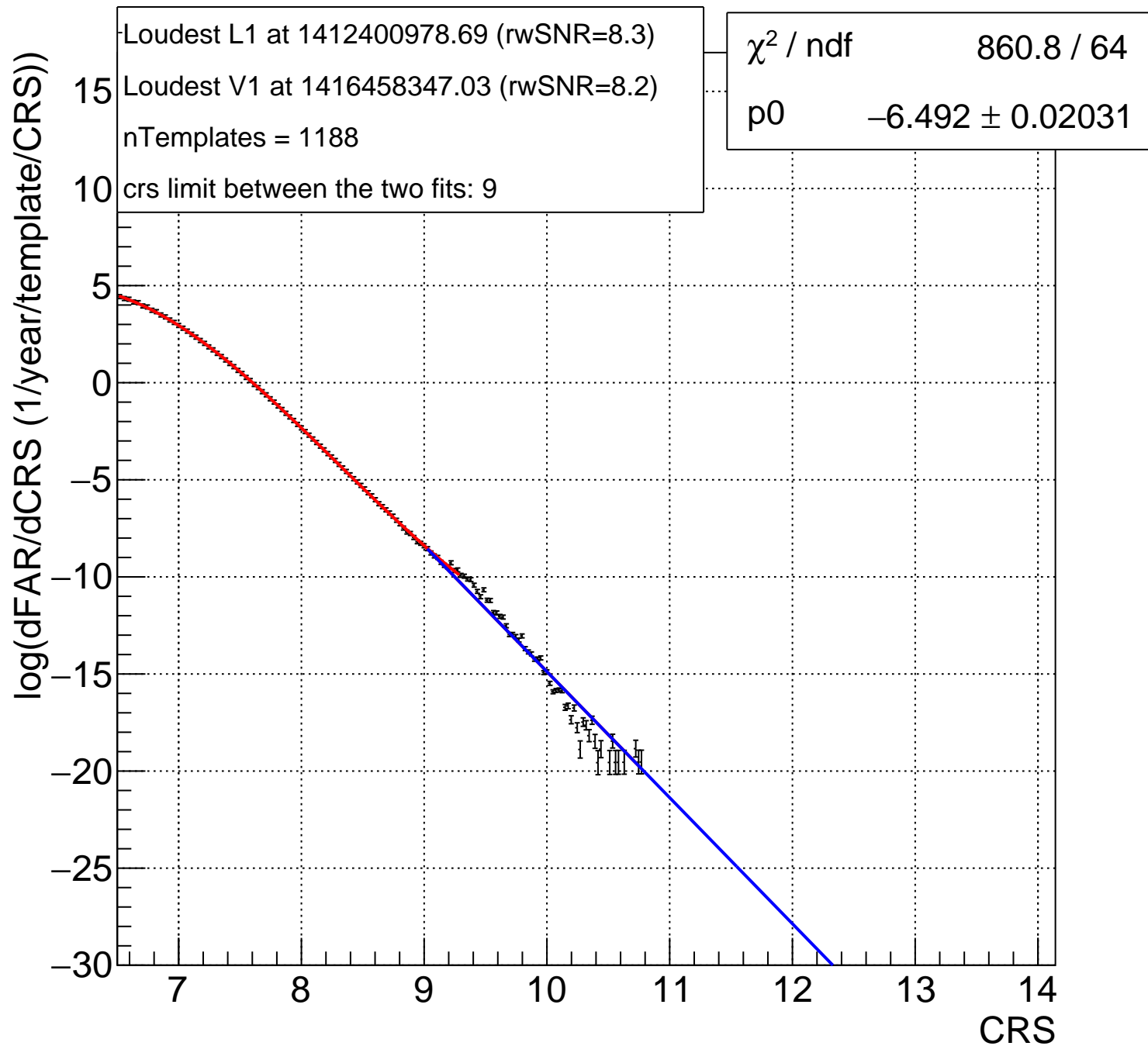
Bin:221 45.09<mTot<49.14 and 0.3333<chiEff<1



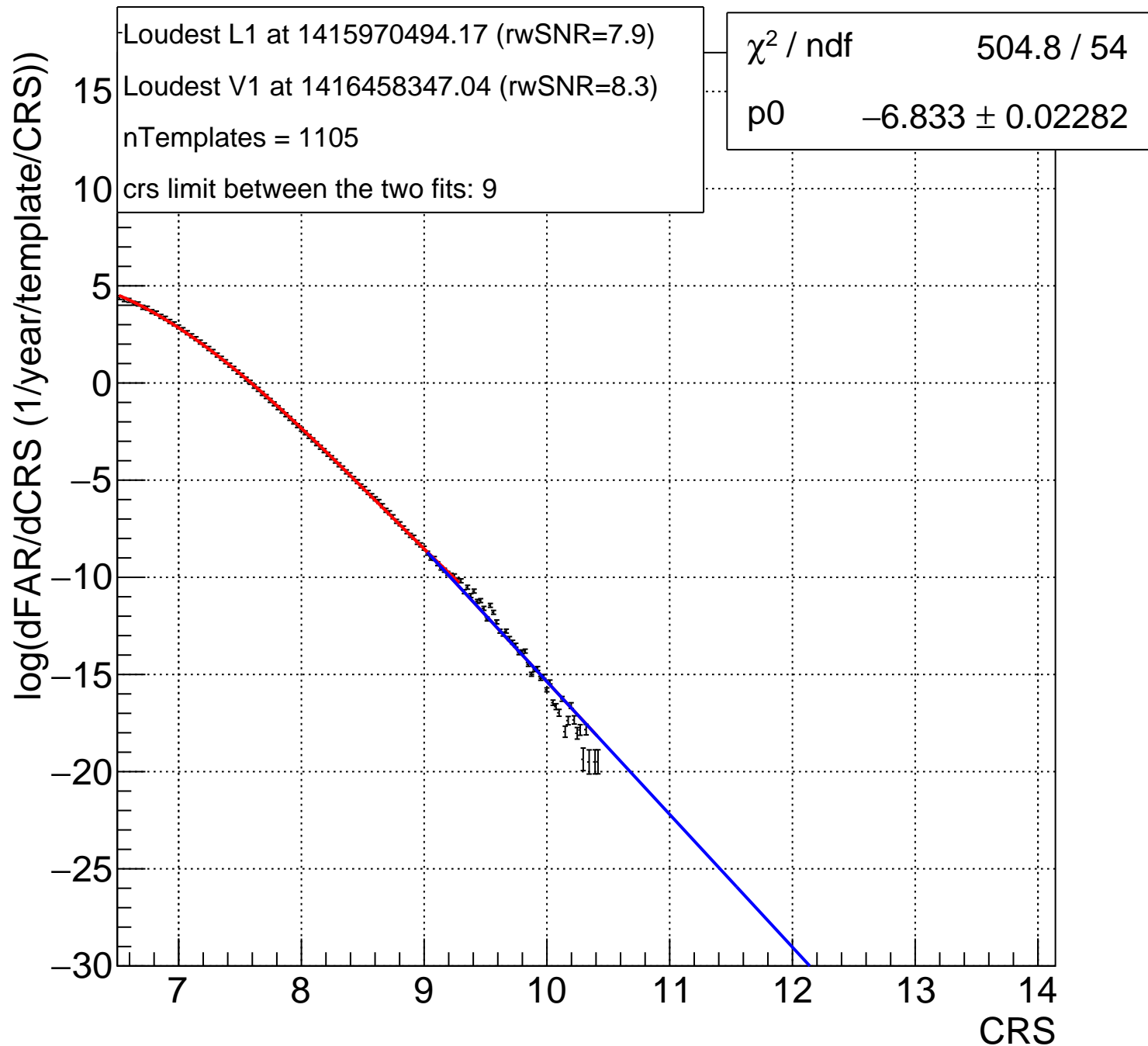
Bin:222 49.14<mTot<53.55 and 0.3333<chiEff<1



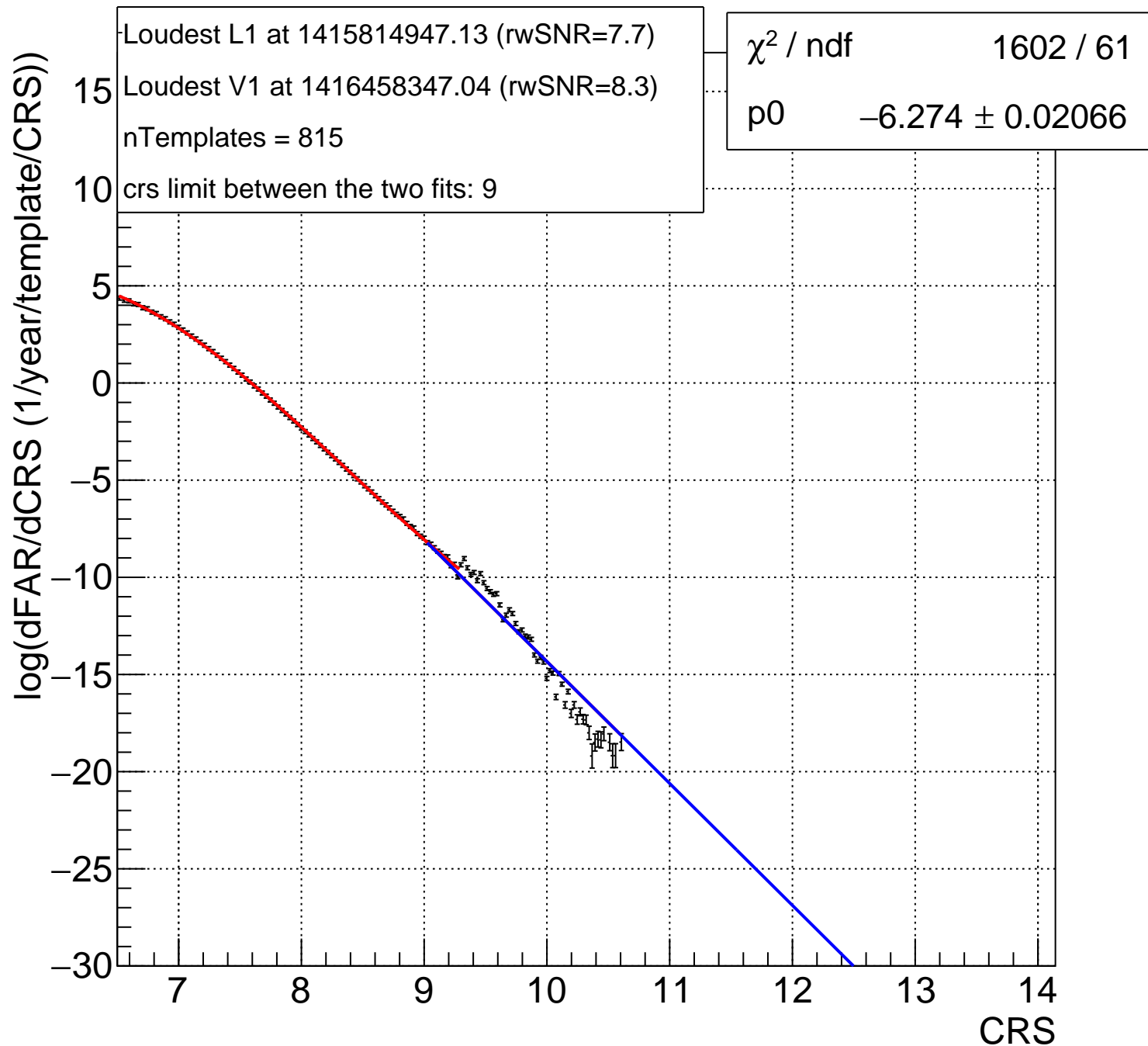
Bin:223 53.55<mTot<58.35 and 0.3333<chiEff<1



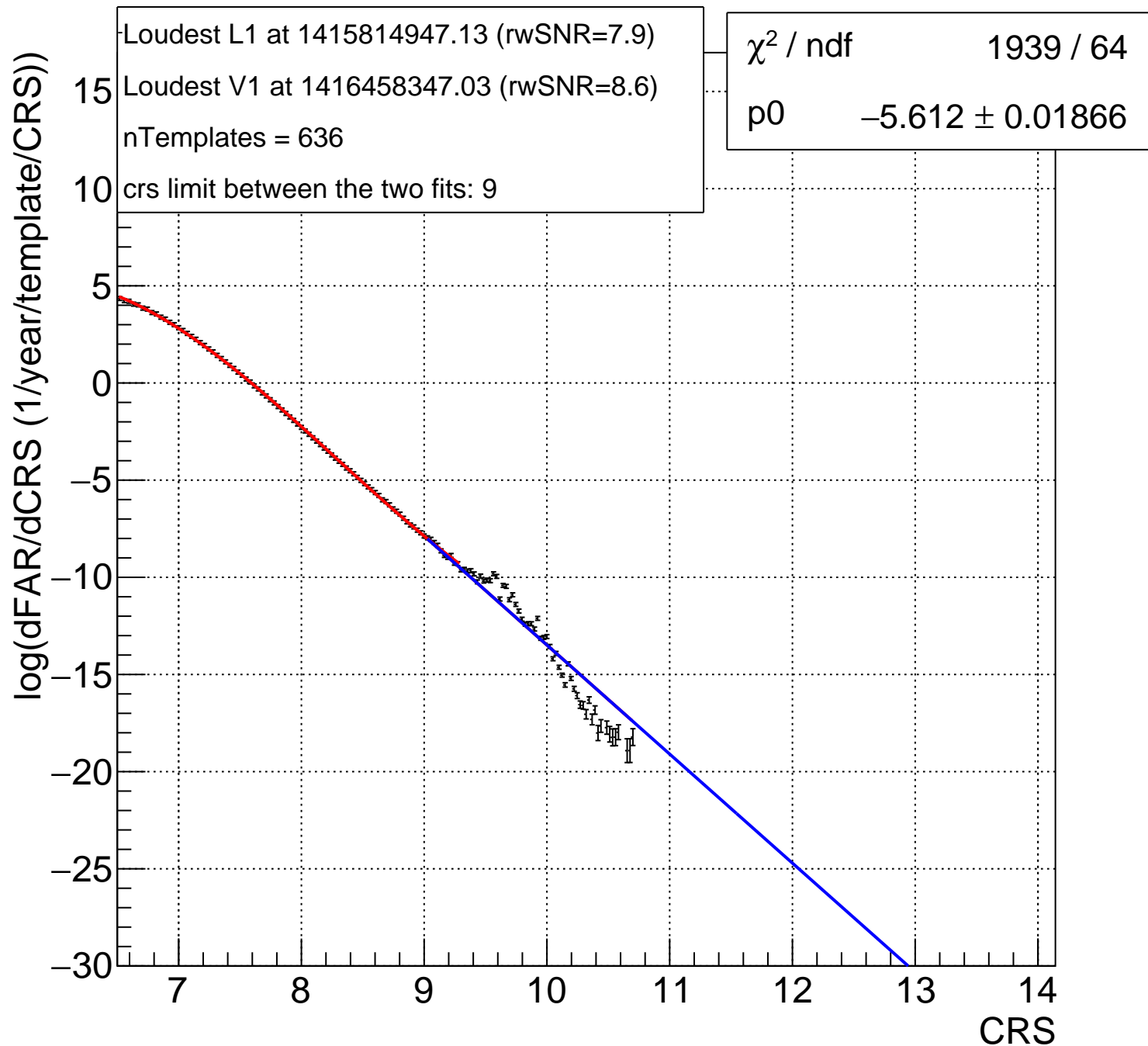
Bin:224 58.35<mTot<63.59 and 0.3333<chiEff<1



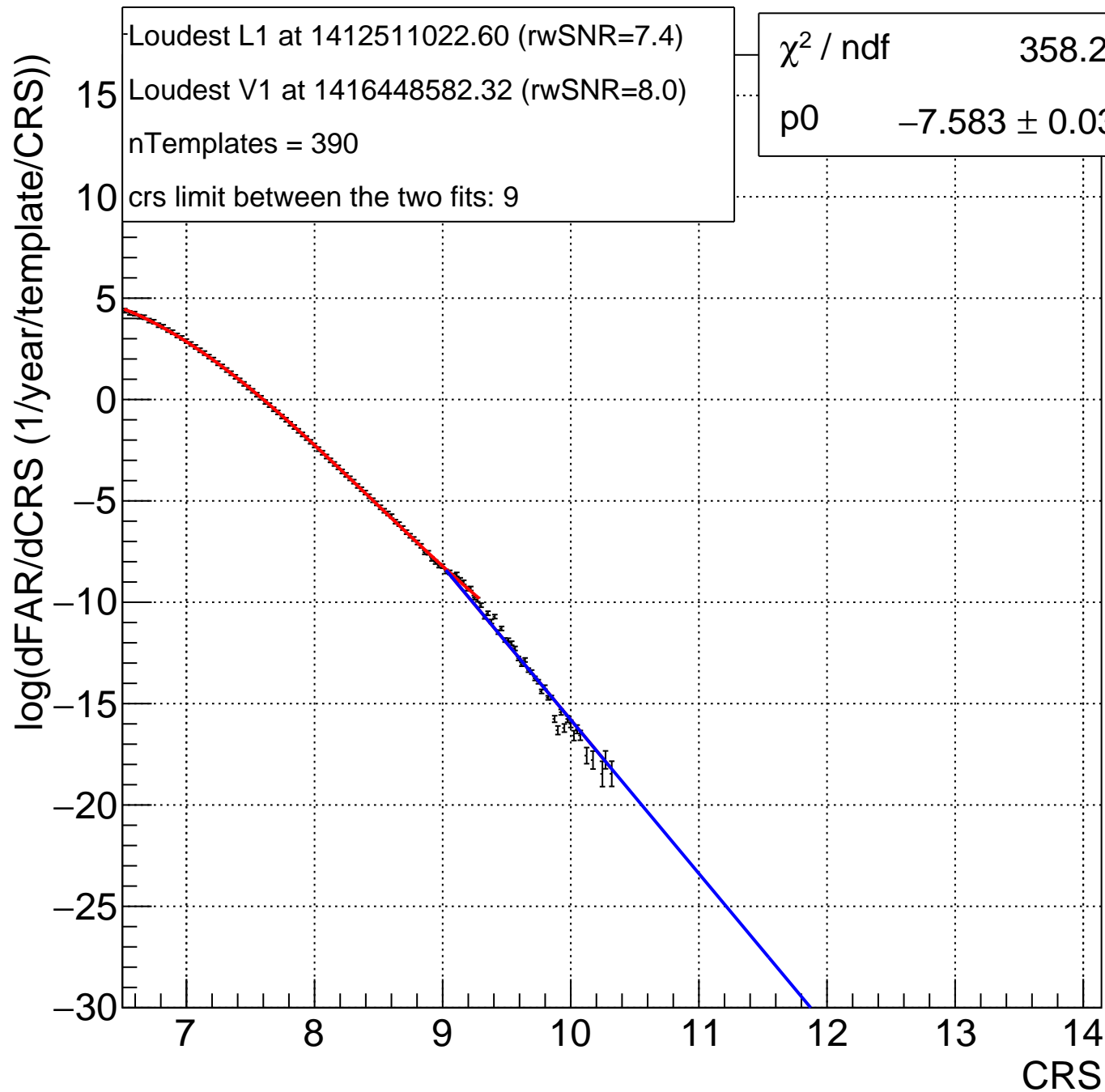
Bin:225 63.59<mTot<69.3 and 0.3333<chiEff<1



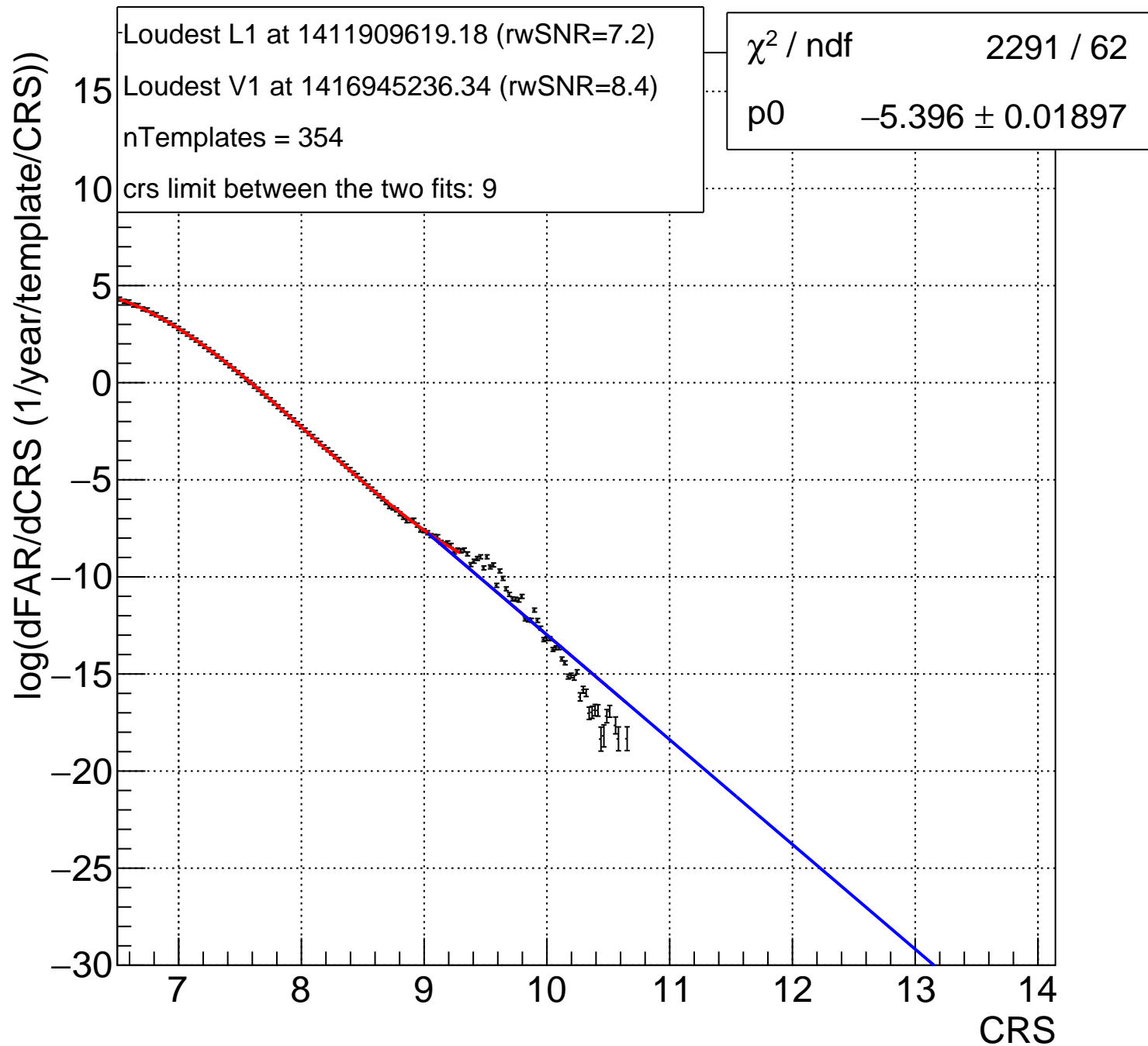
Bin:226 69.3<mTot<75.51 and 0.3333<chiEff<1



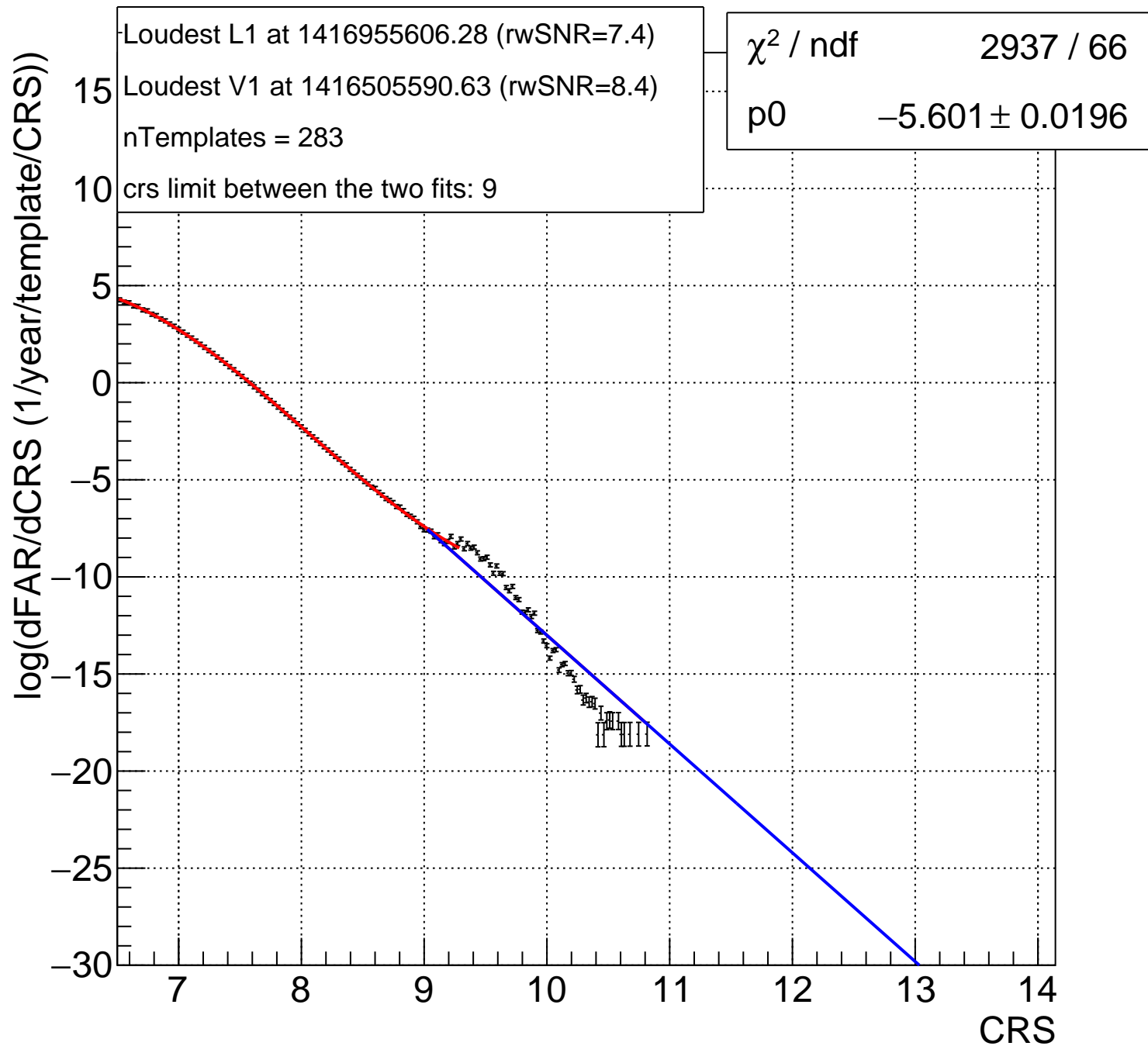
Bin:227 75.51<mTot<82.29 and 0.3333<chiEff<1



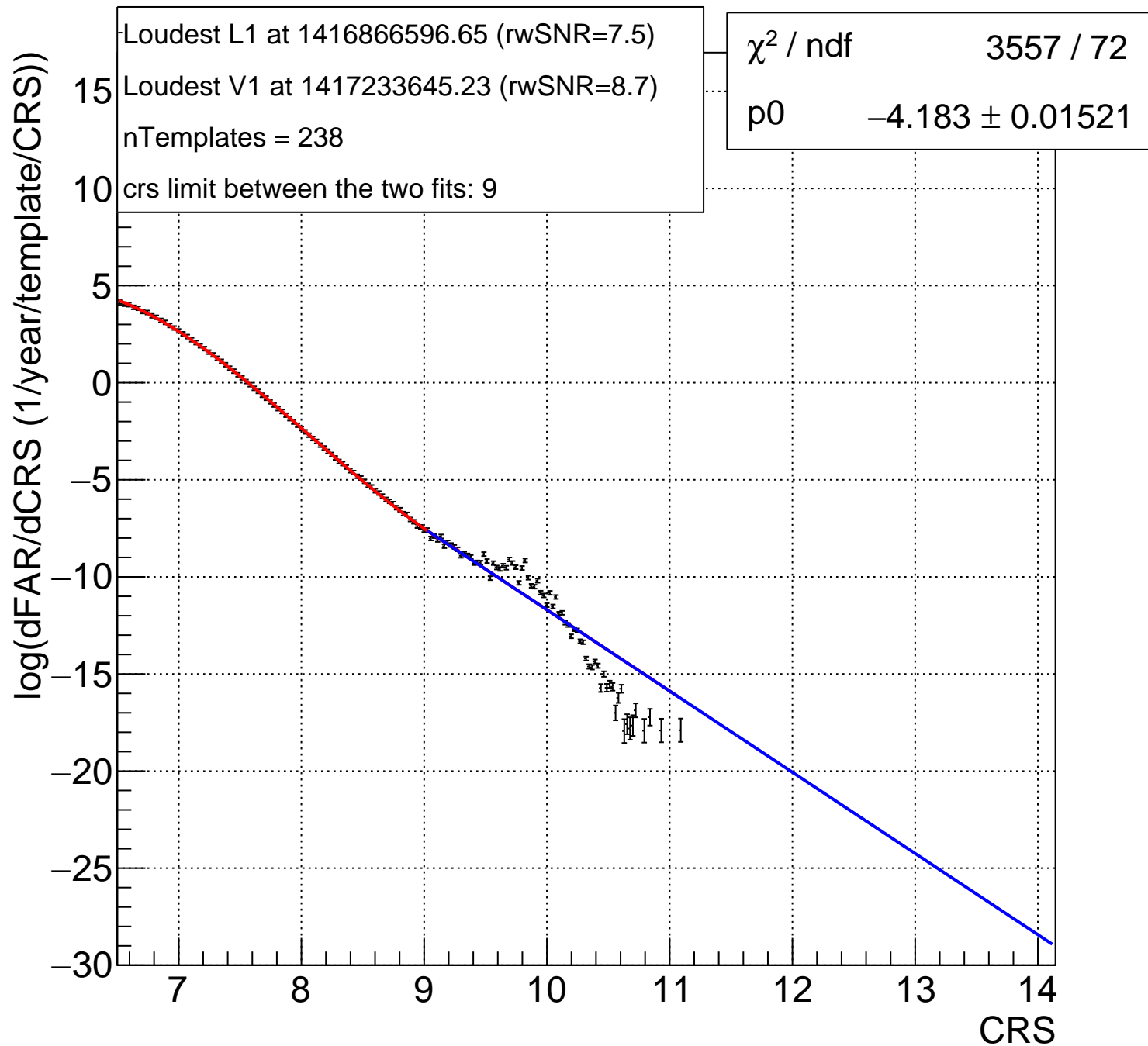
Bin:228 82.29<mTot<89.67 and 0.3333<chiEff<1



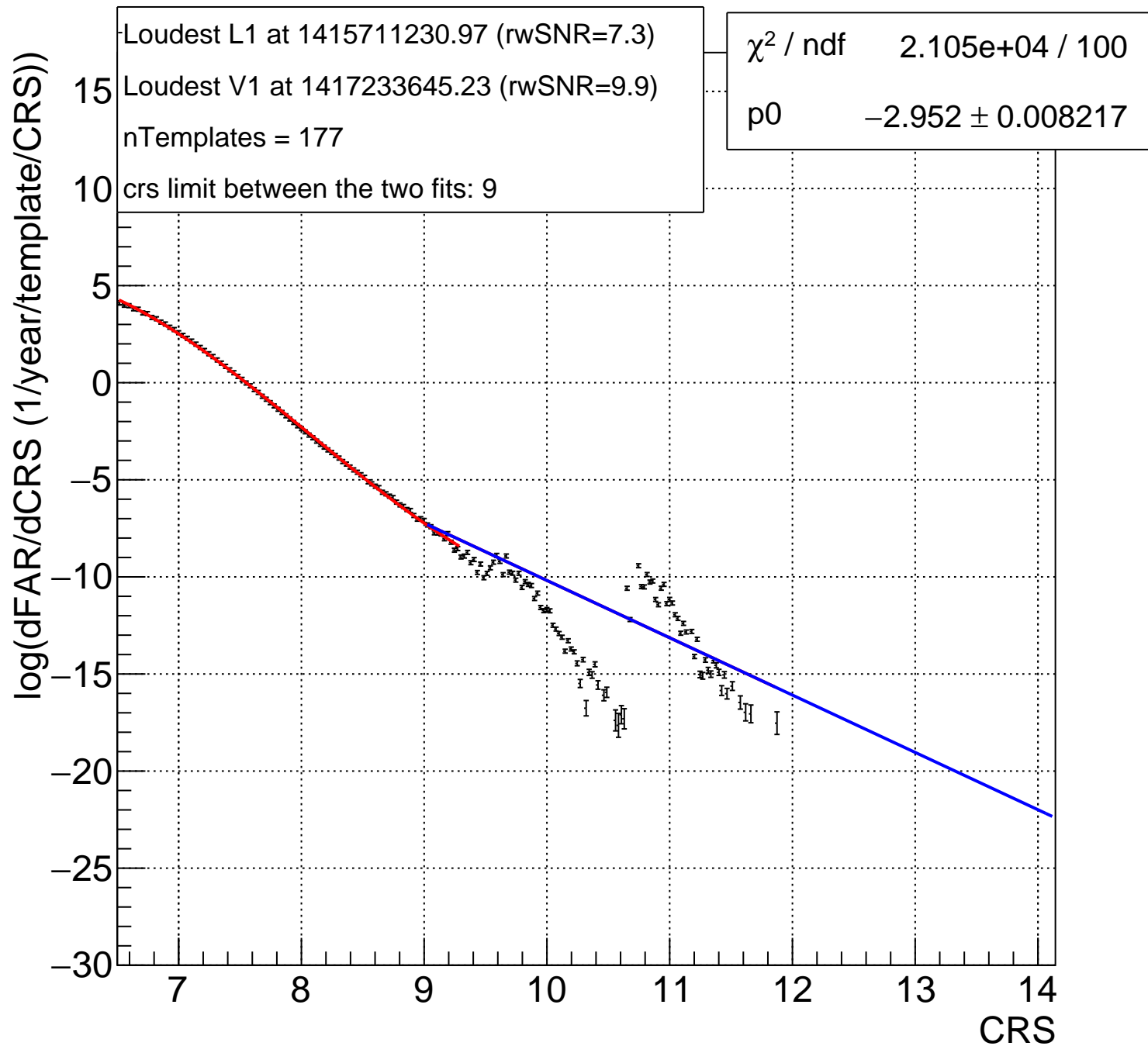
Bin:229 89.67<mTot<97.72 and 0.3333<chiEff<1



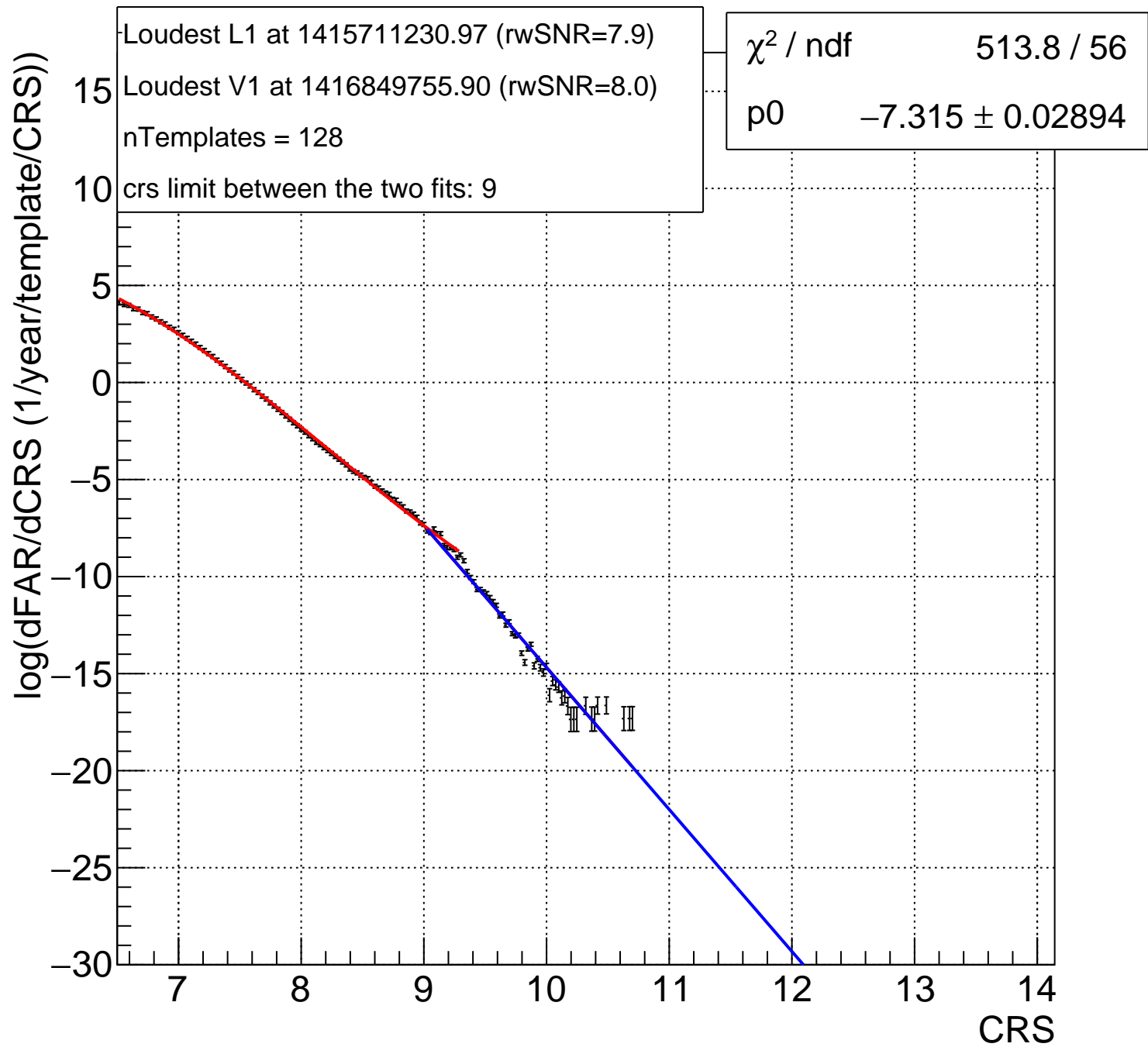
Bin:230 97.72<mTot<106.5 and 0.3333<chiEff<1



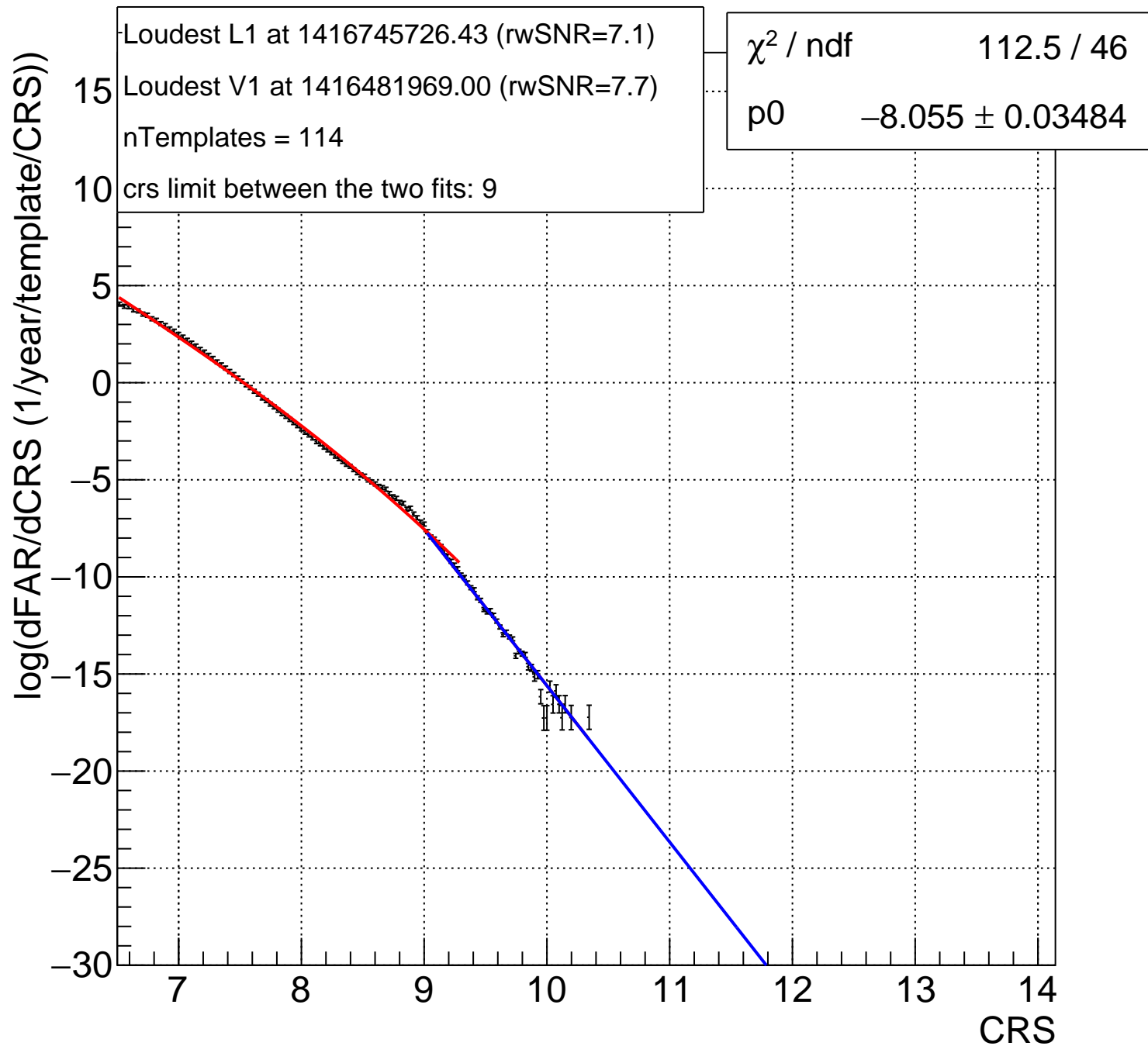
Bin:231 106.5<mTot<116 and 0.3333<chiEff<1



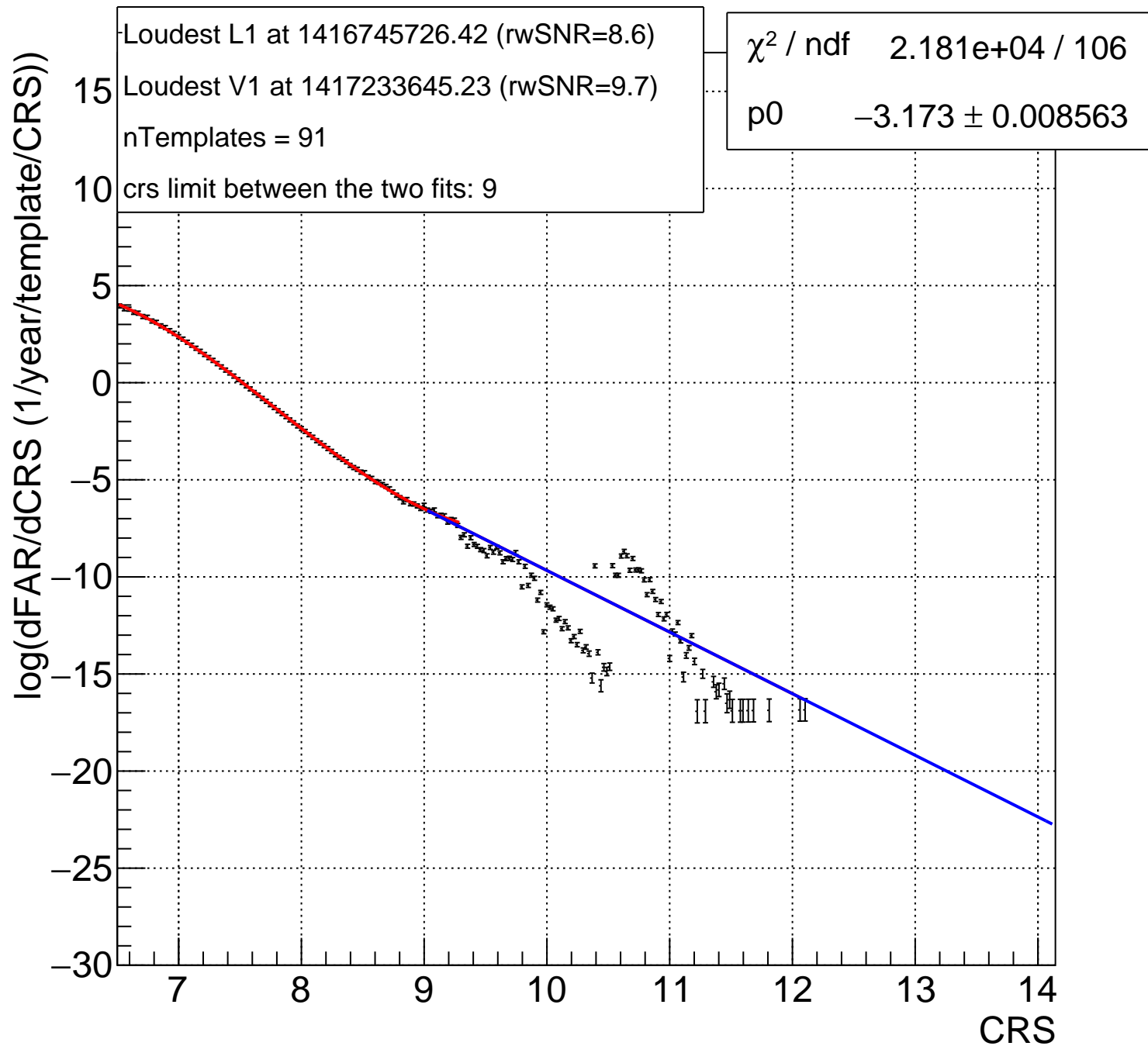
Bin:232 116<mTot<126.4 and 0.3333<chiEff<1



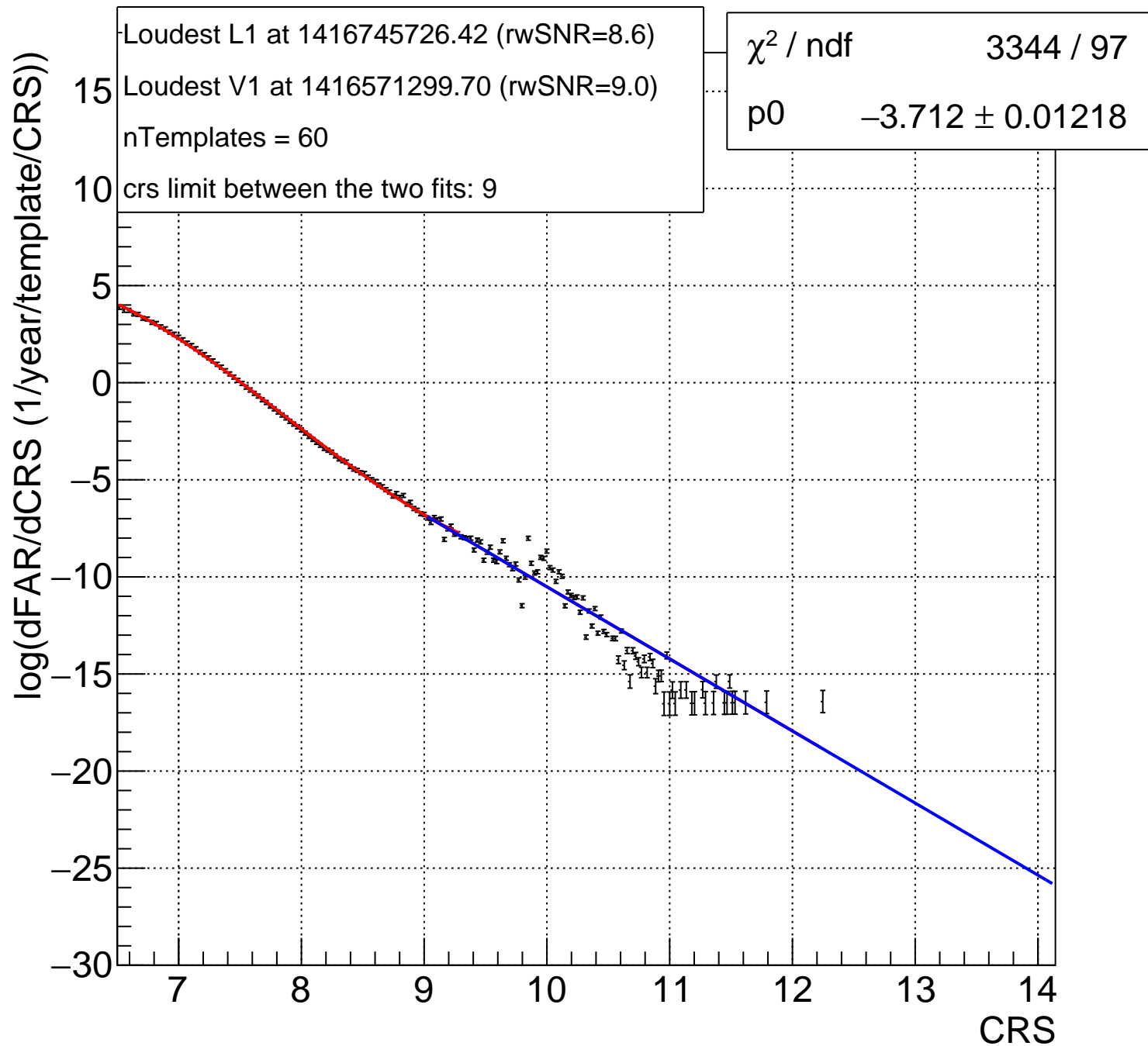
Bin:233 126.4<mTot<137.8 and 0.3333<chiEff<1



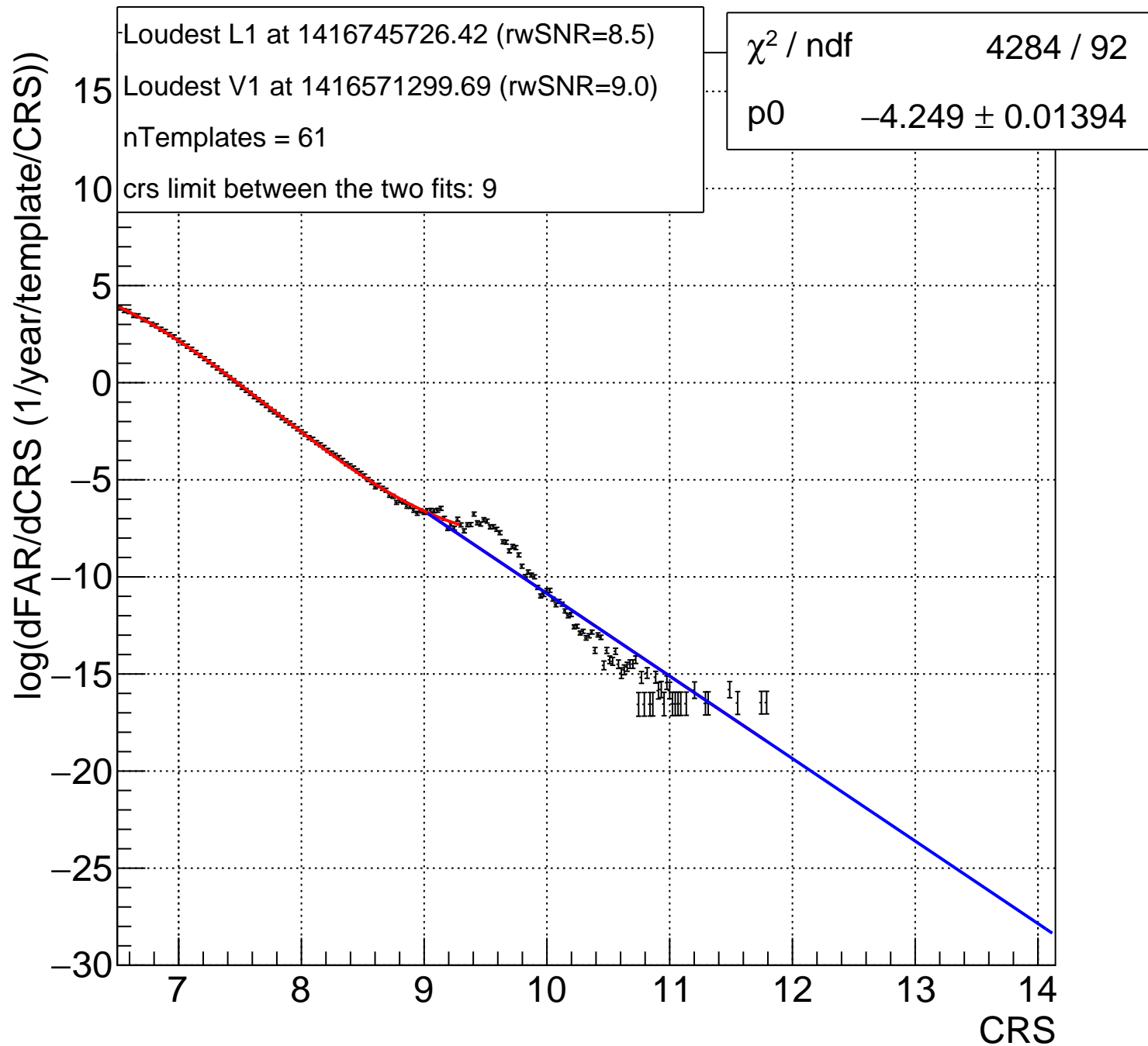
Bin:234 137.8<mTot<150.2 and 0.3333<chiEff<1



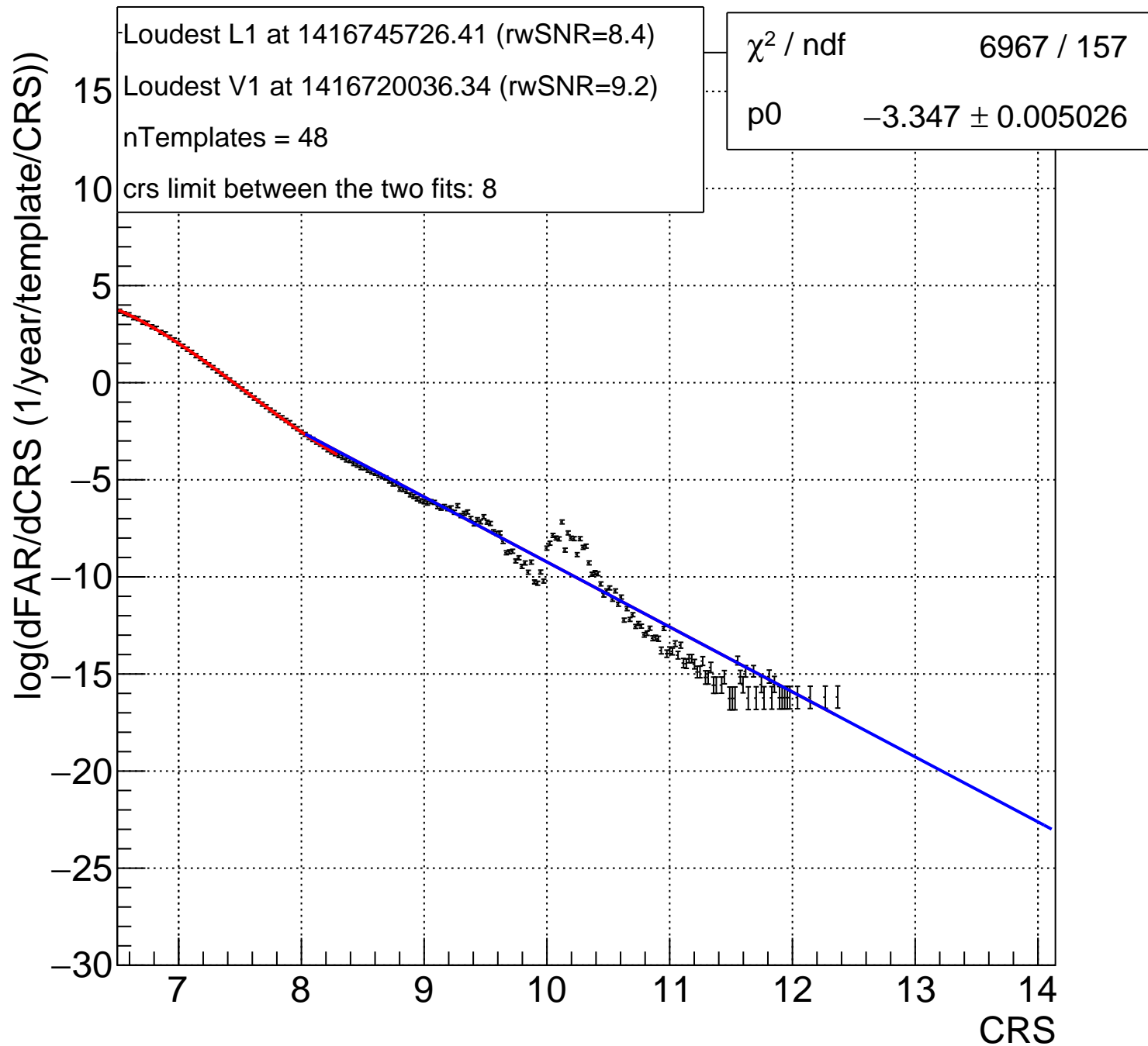
Bin:235 150.2<mTot<163.6 and 0.3333<chiEff<1



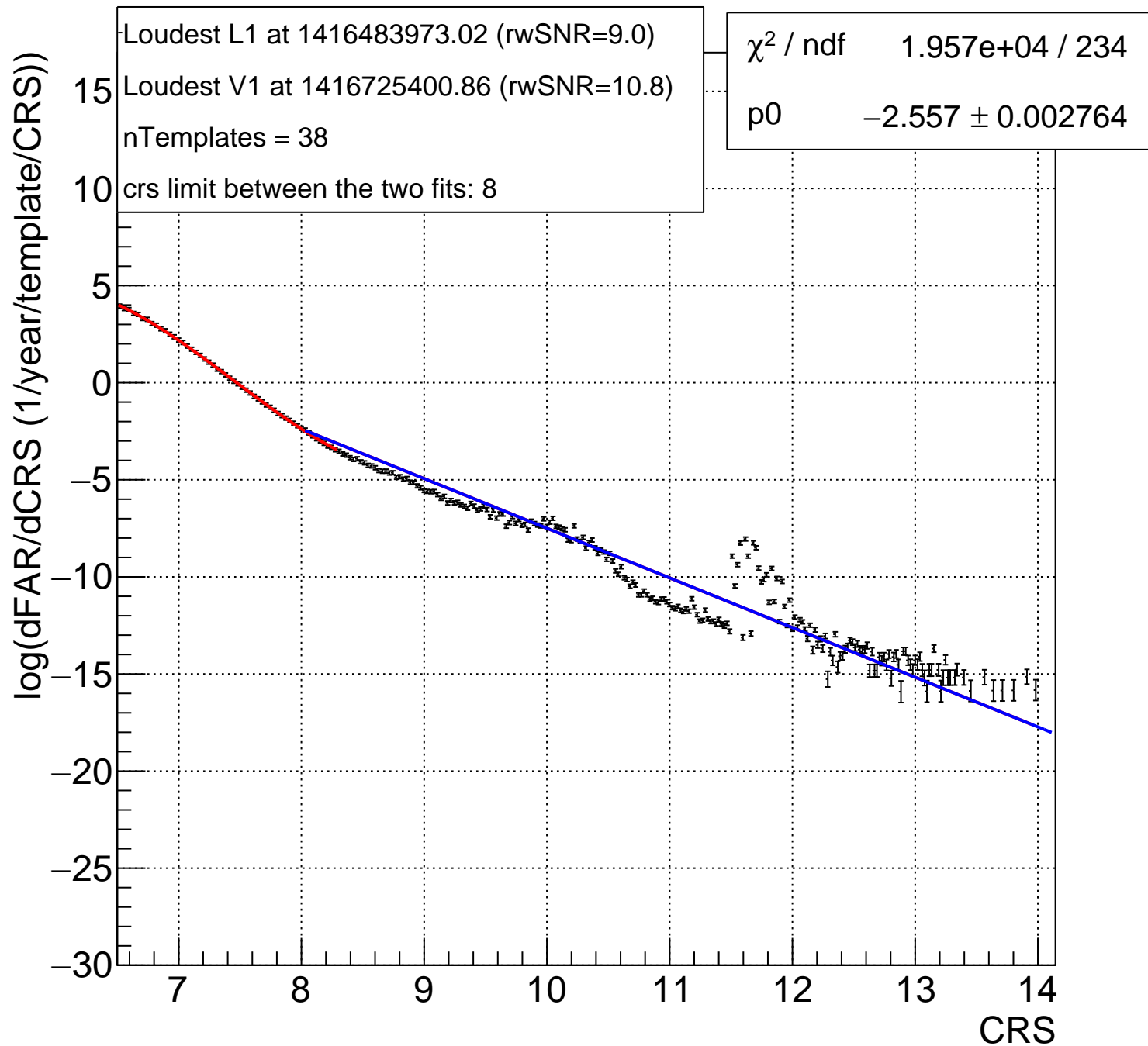
Bin:236 163.6<mTot<178.3 and 0.3333<chiEff<1



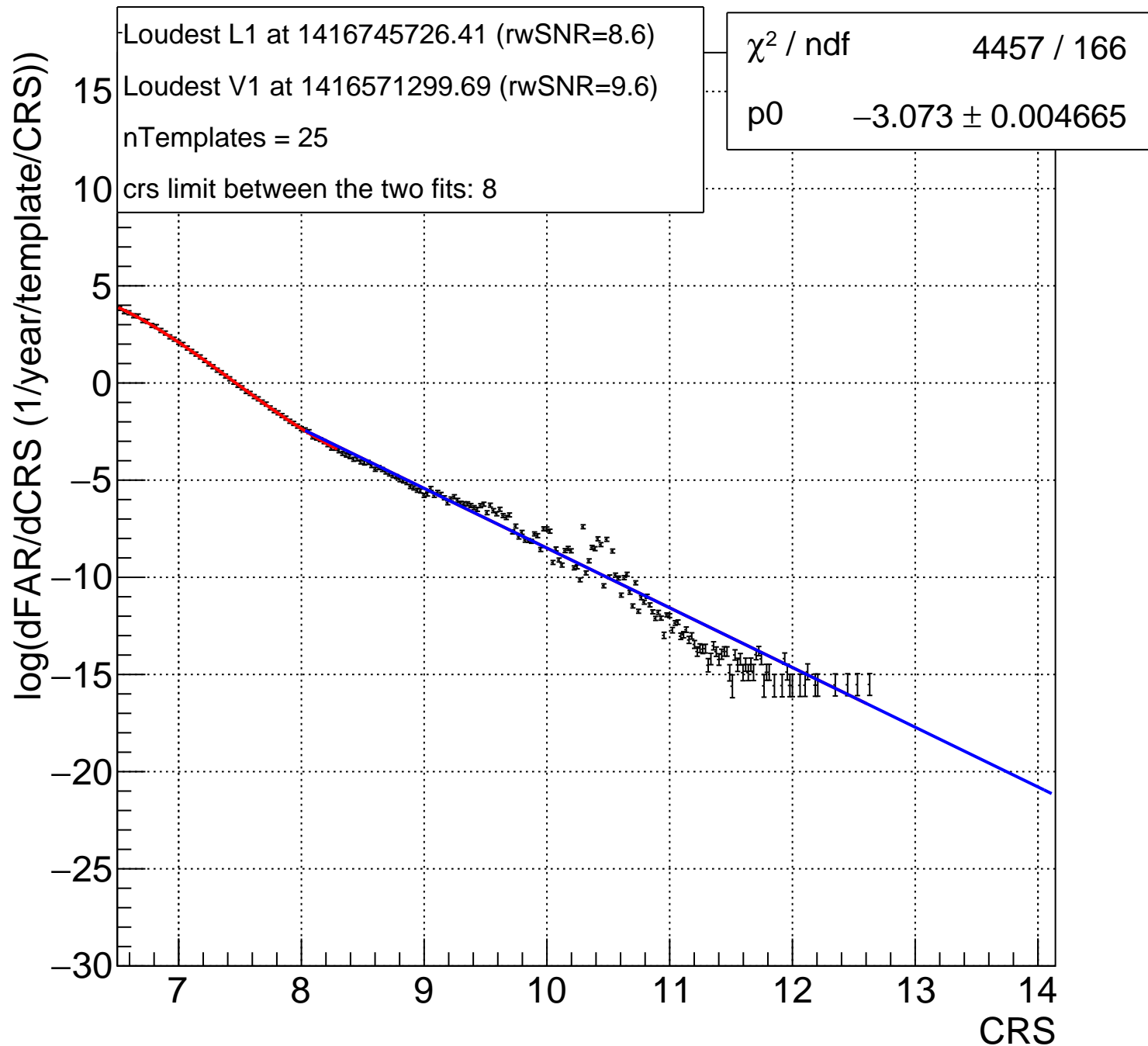
Bin:237 178.3<mTot<194.3 and 0.3333<chiEff<1



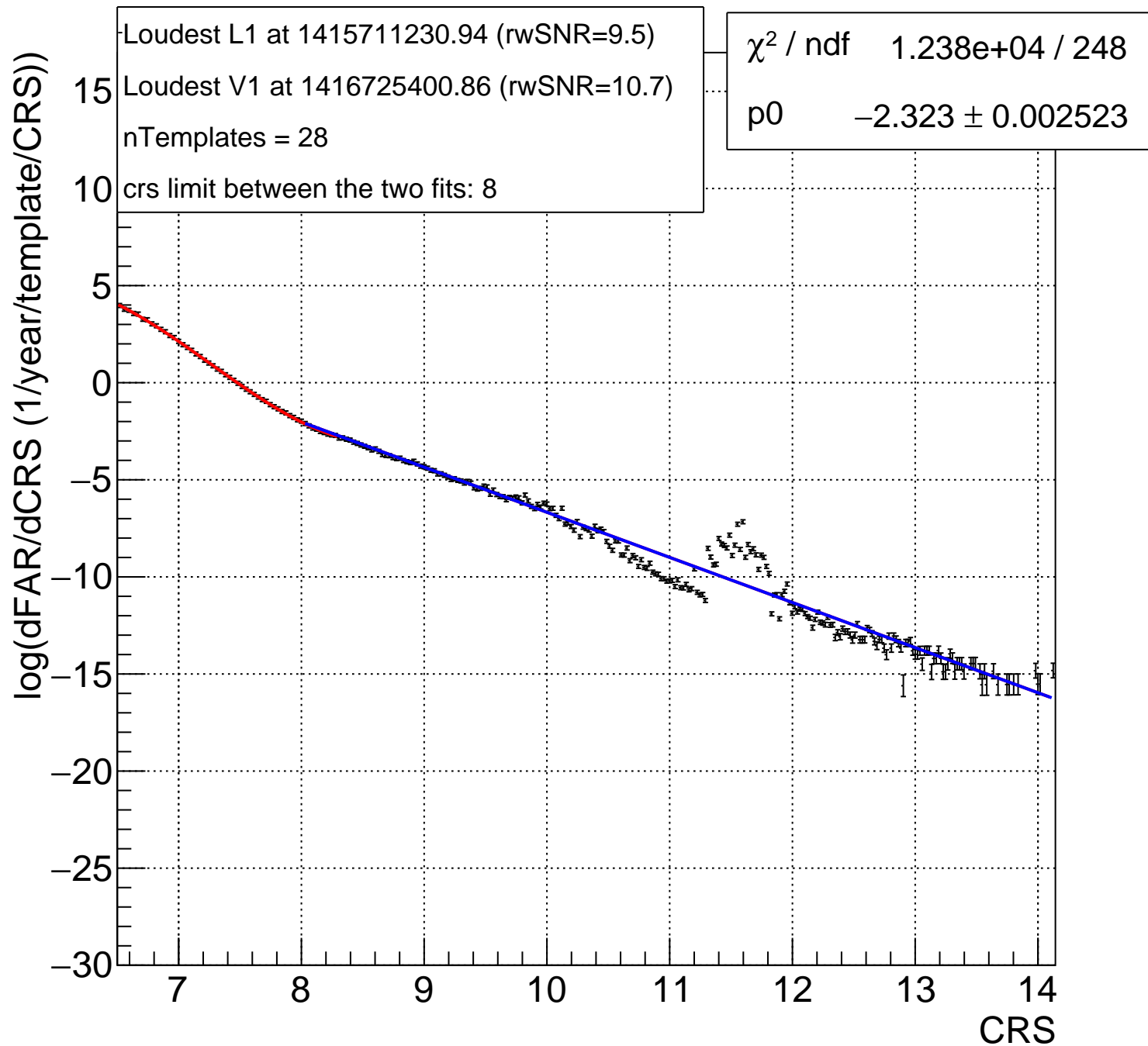
Bin:238 194.3<mTot<211.7 and 0.3333<chiEff<1



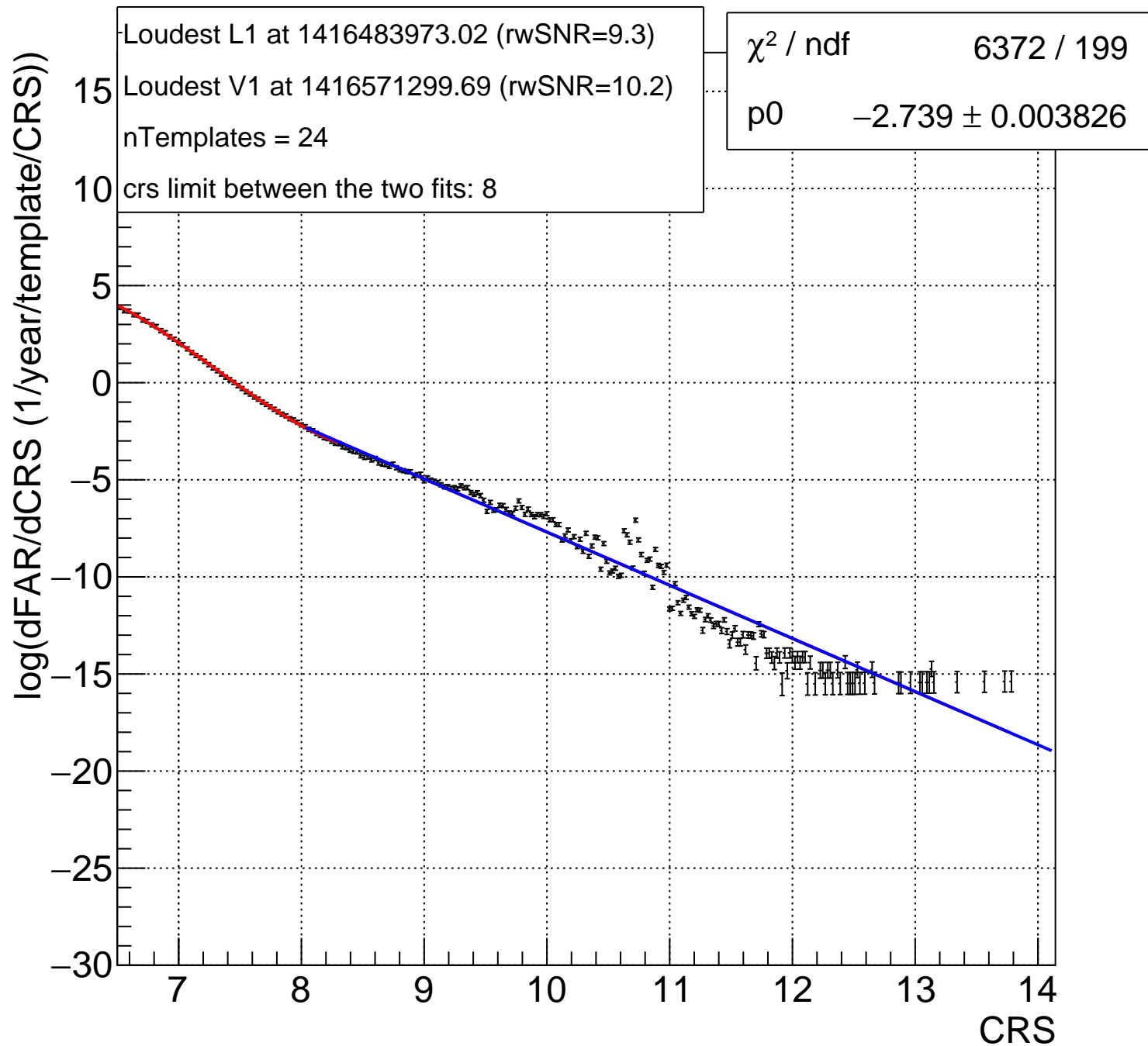
Bin: 239  $211.7 < m_{\text{Tot}} < 230.7$  and  $0.3333 < \chi\text{Eff} < 1$



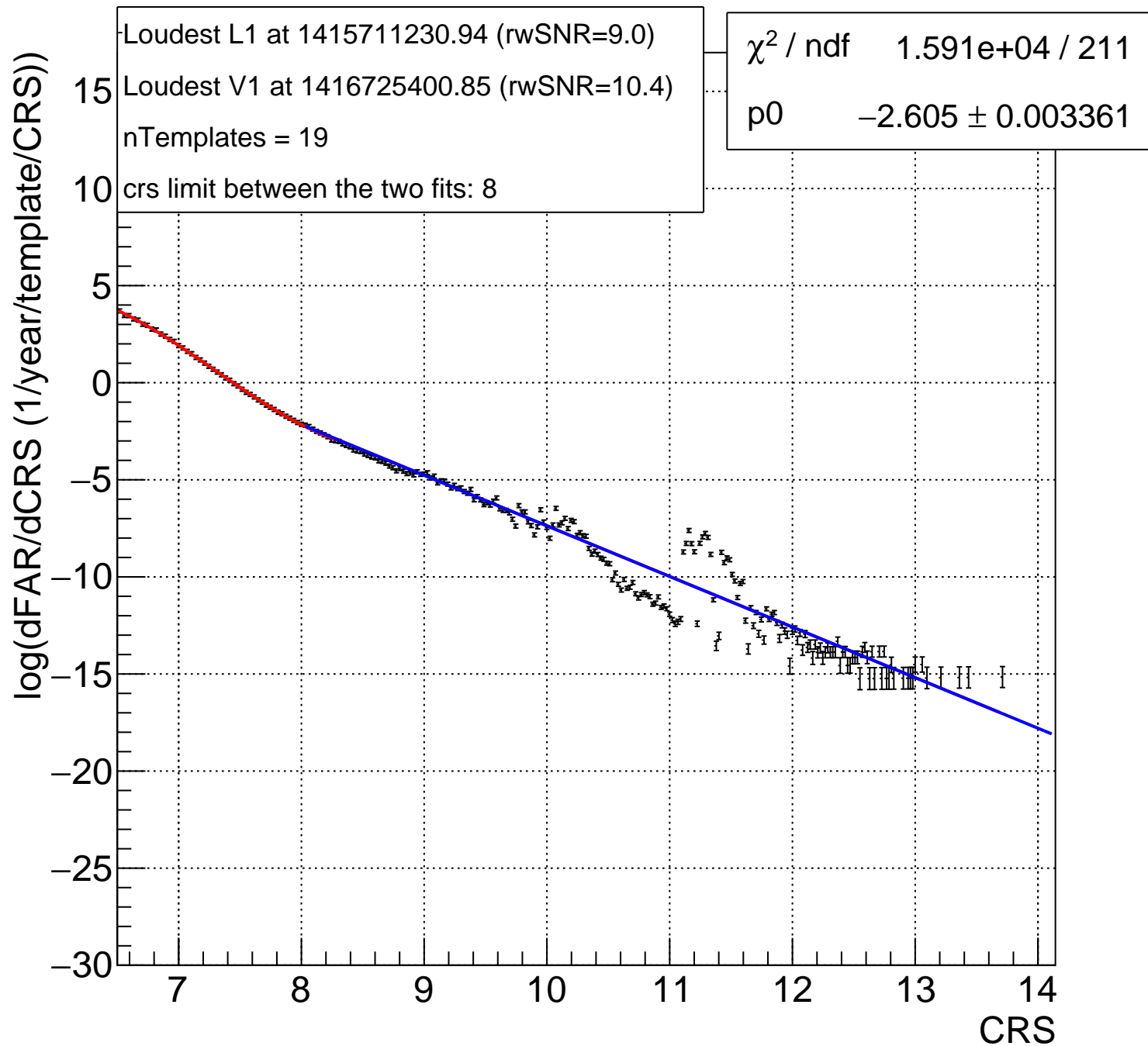
Bin: 240 230.7 < mTot < 251.4 and 0.3333 < chiEff < 1



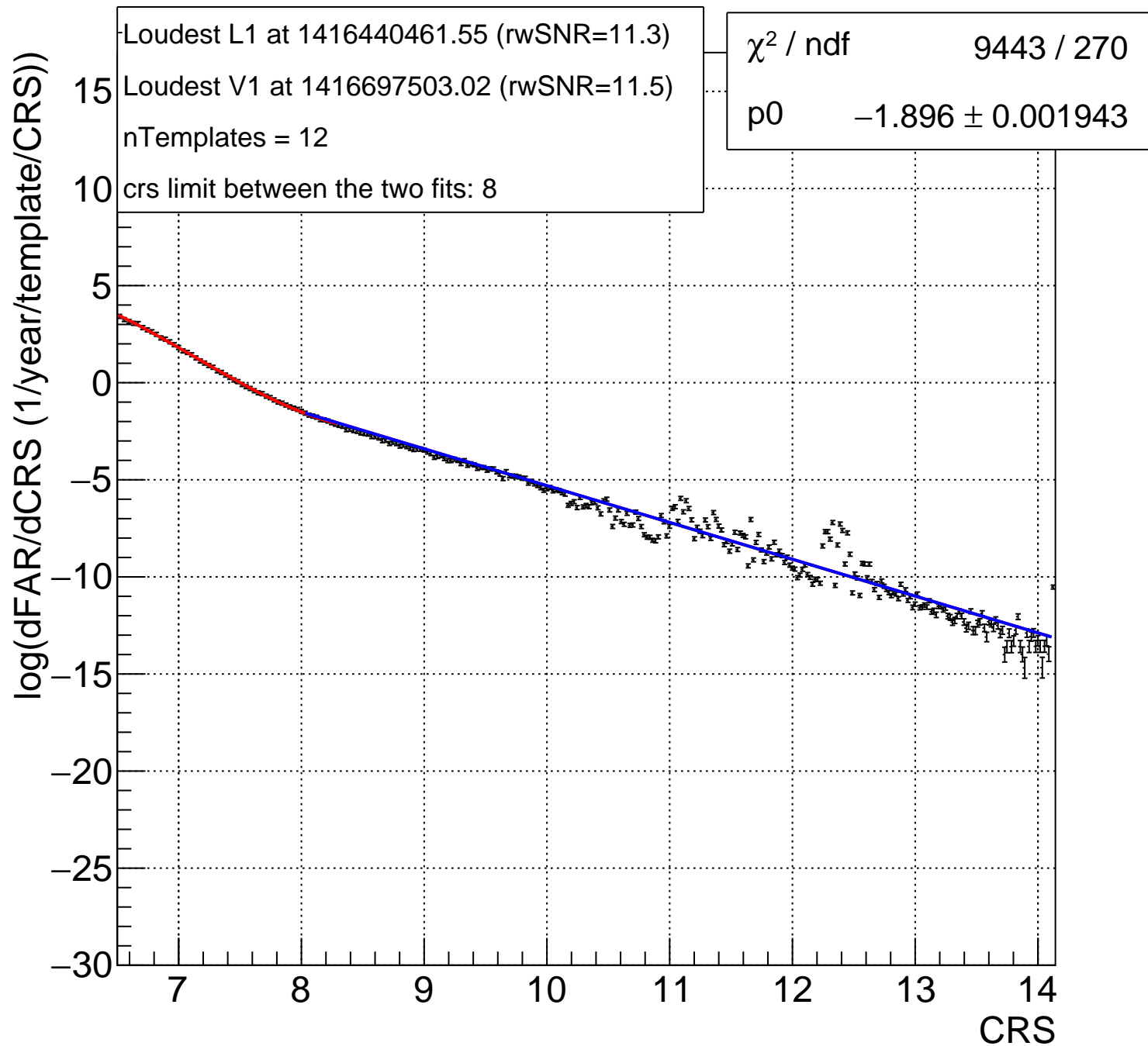
Bin:241 251.4<mTot<274 and 0.3333<chiEff<1



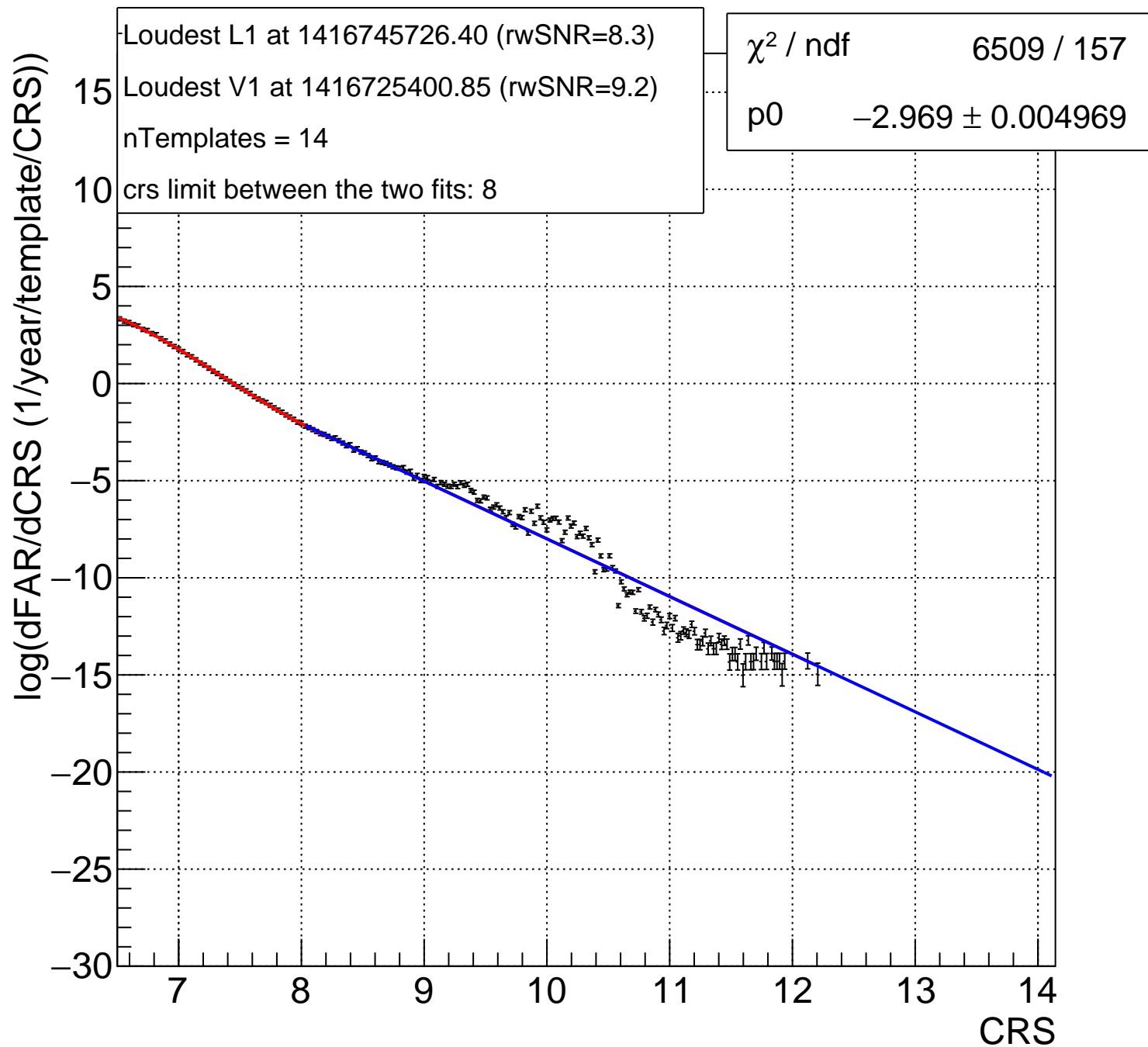
Bin:242 274<mTot<298.6 and 0.3333<chiEff<1



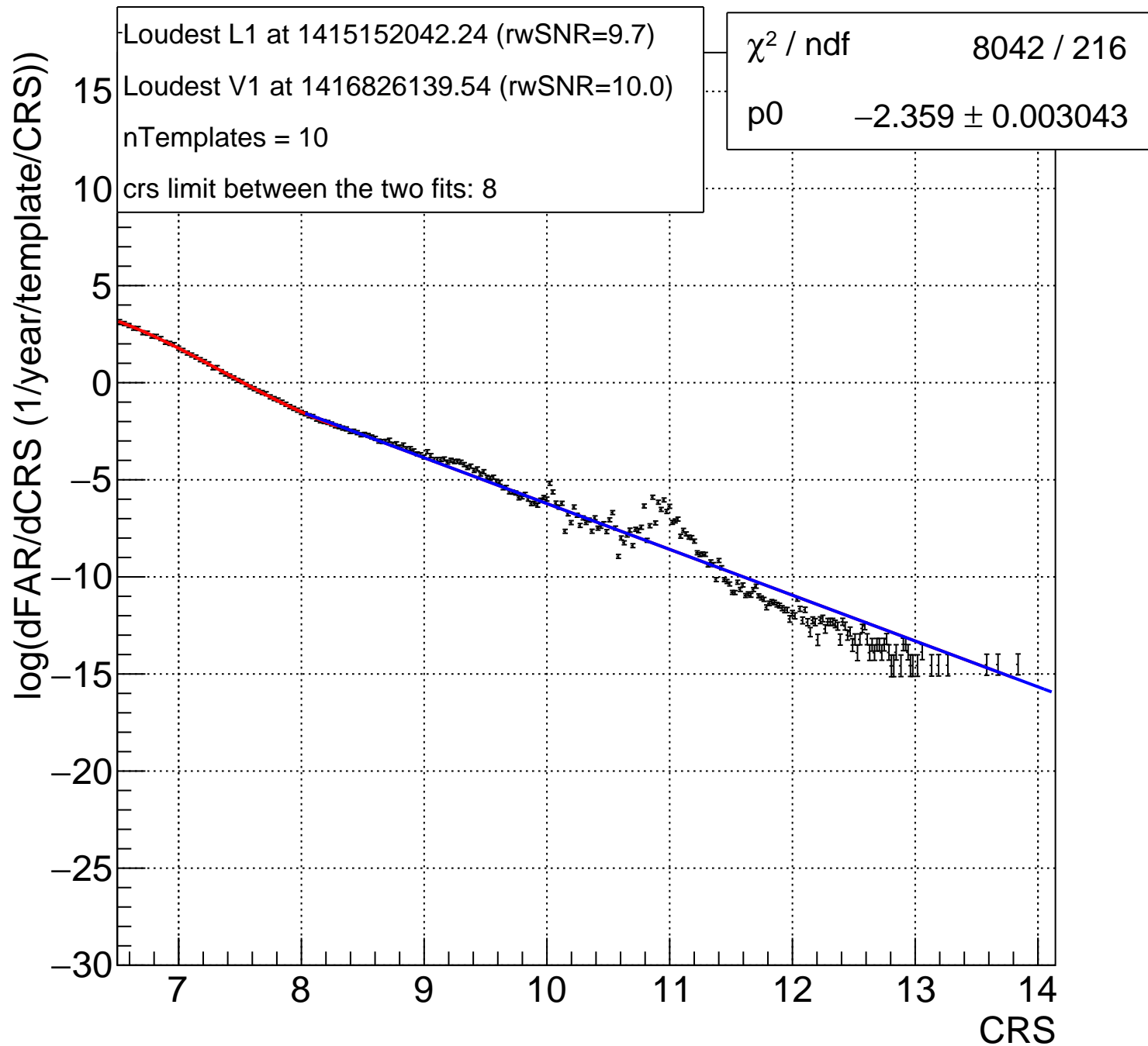
Bin:243 298.6<mTot<325.4 and 0.3333<chiEff<1



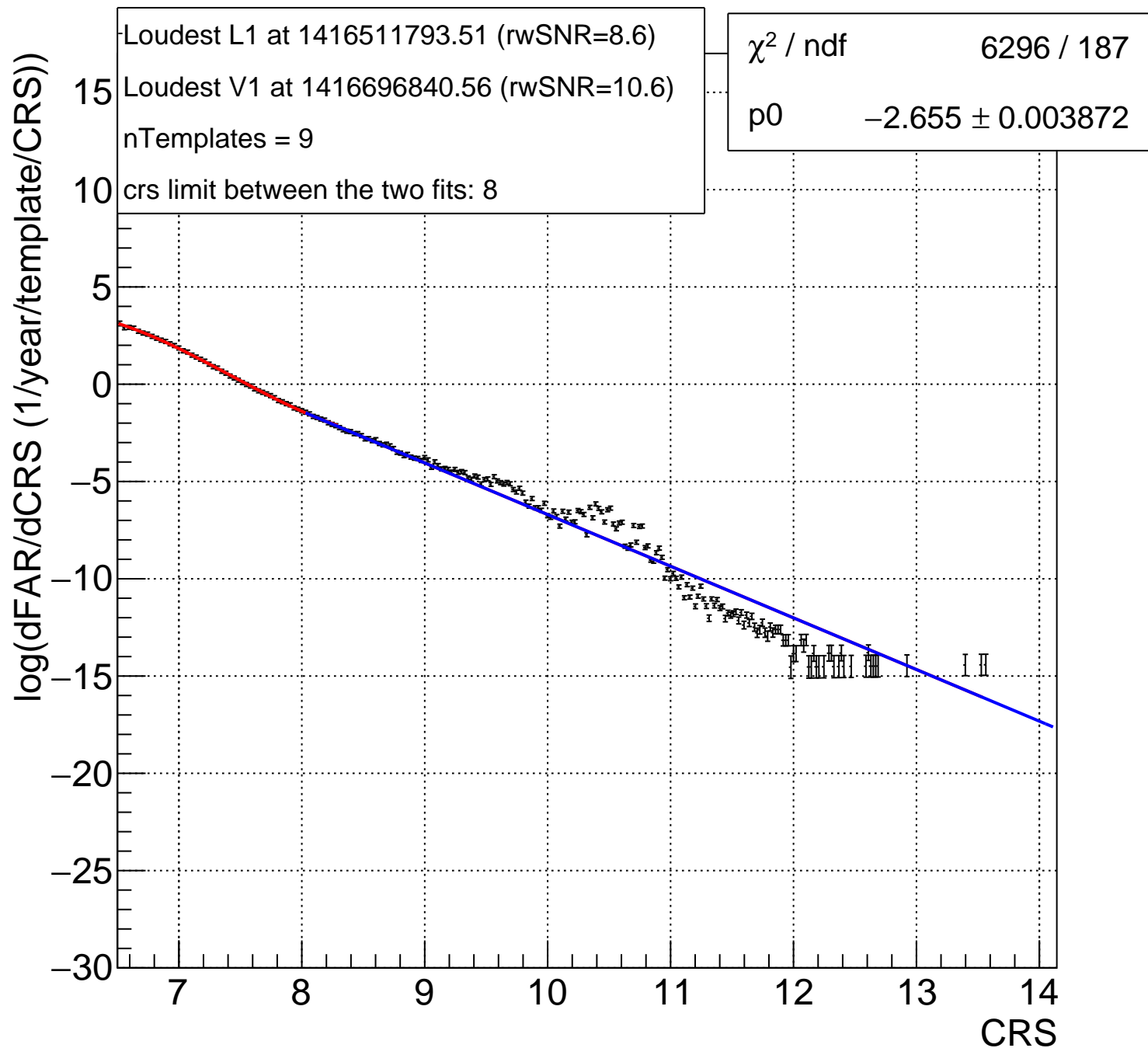
Bin:244 325.4<mTot<354.6 and 0.3333<chiEff<1



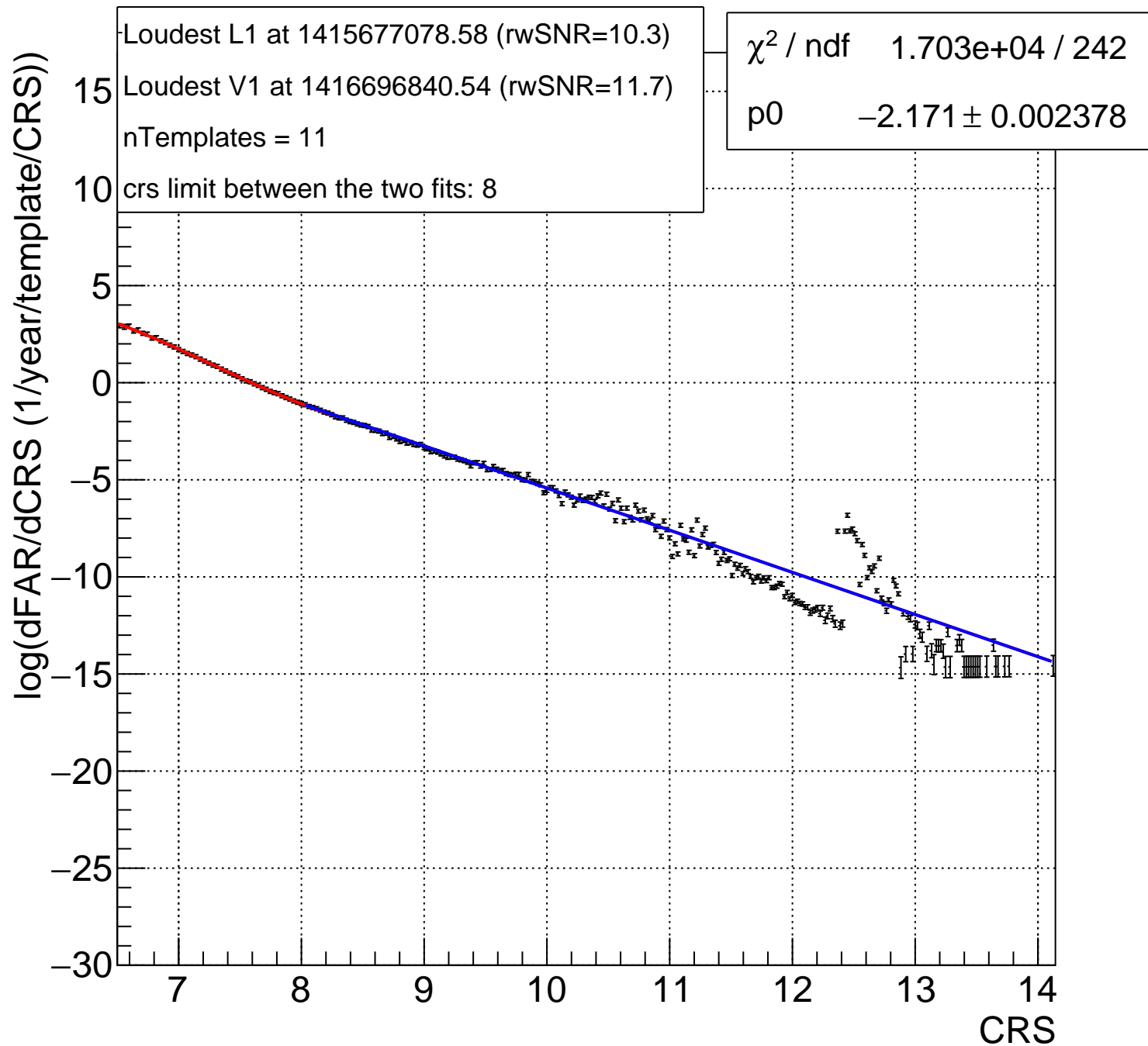
Bin:245 354.6<mTot<386.4 and 0.3333<chiEff<1



Bin:246 386.4<mTot<421.1 and 0.3333<chiEff<1



Bin:247 421.1<mTot<458.8 and 0.3333<chiEff<1



Bin:248 458.8<mTot<500 and 0.3333<chiEff<1

