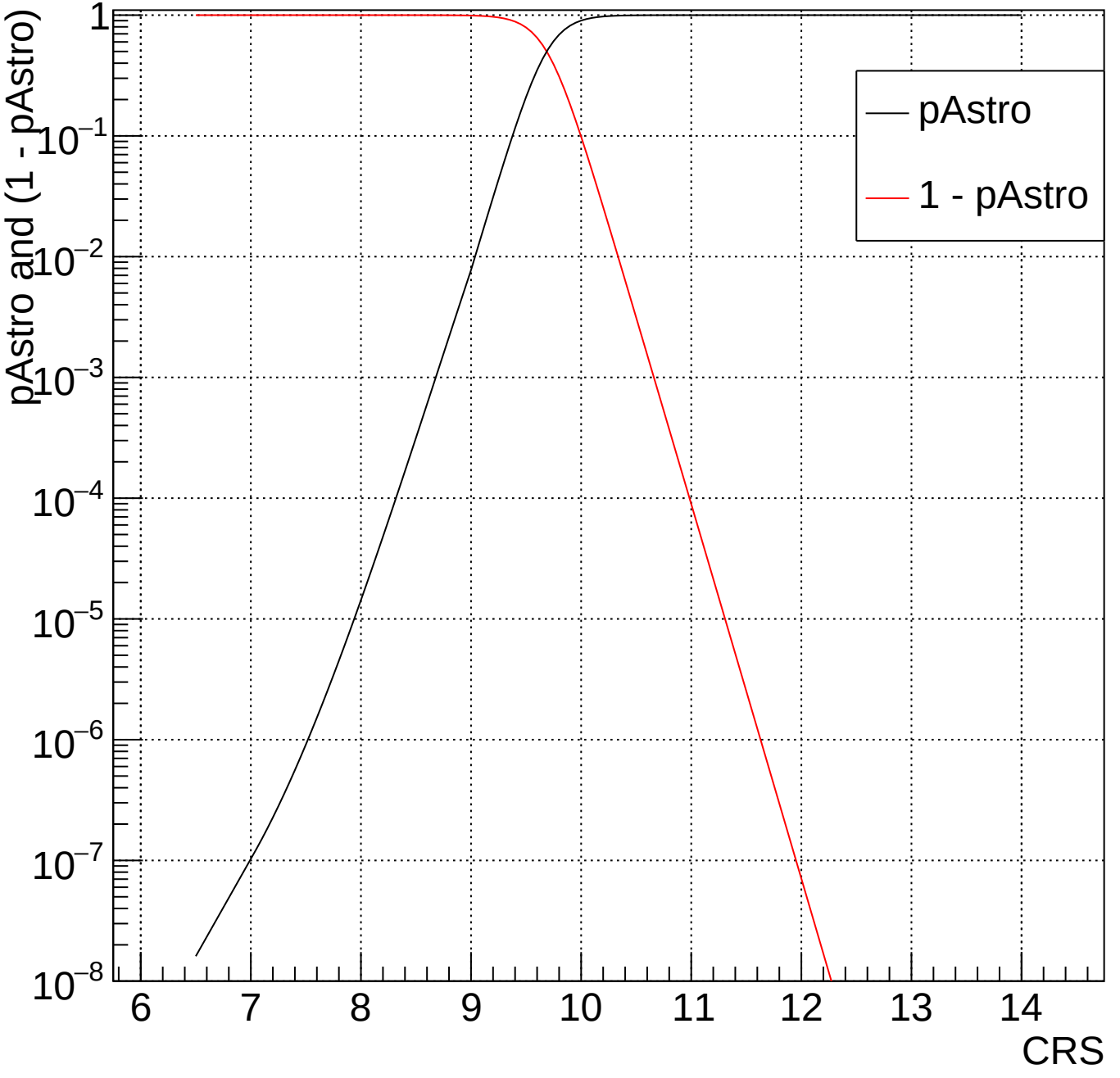
HV Bin:10 1.408<mChirp<1.478 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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10^{-1}
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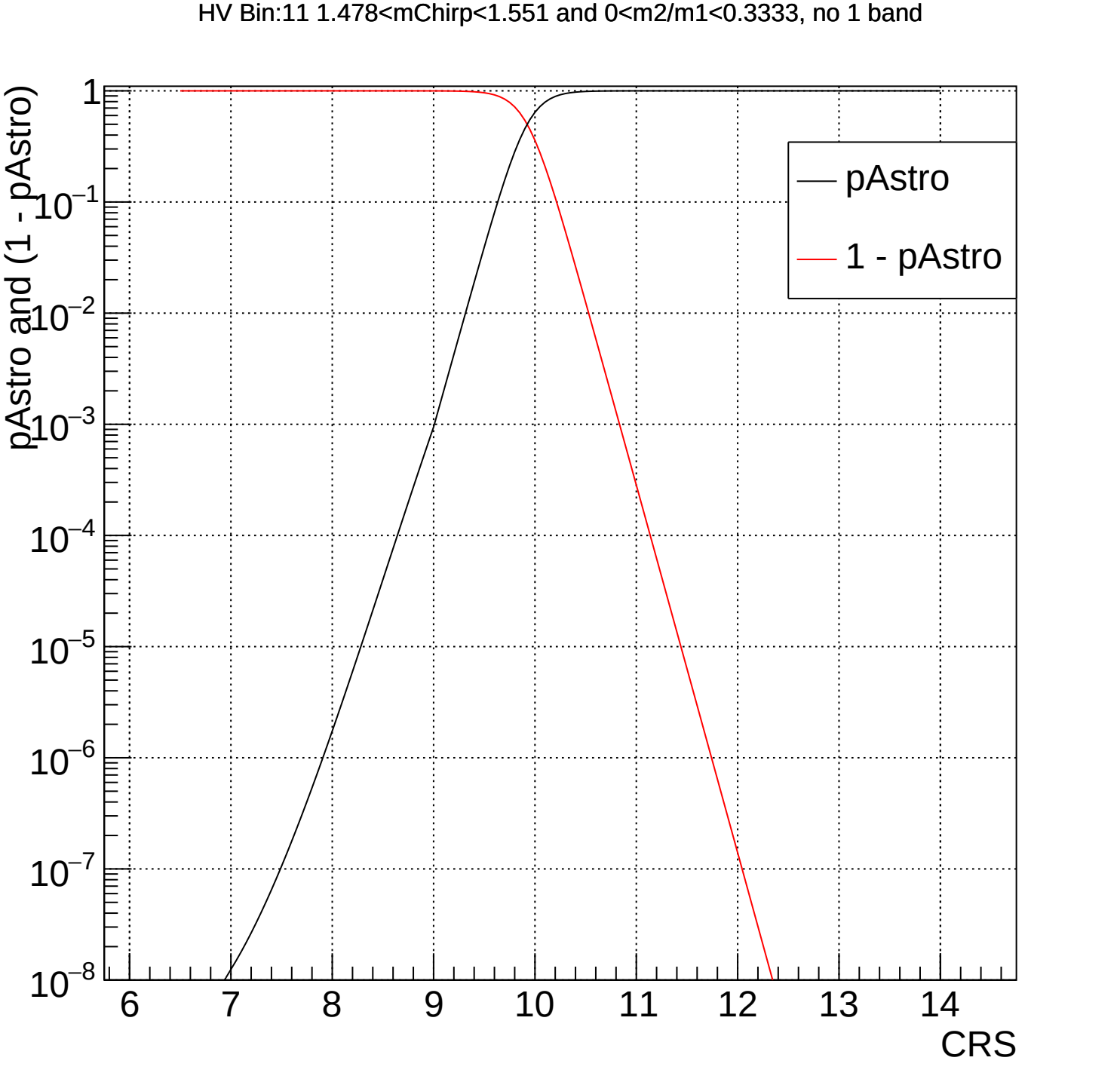
pAstro
1 - pAstro


HV Bin:11 1.478<mChirp<1.551 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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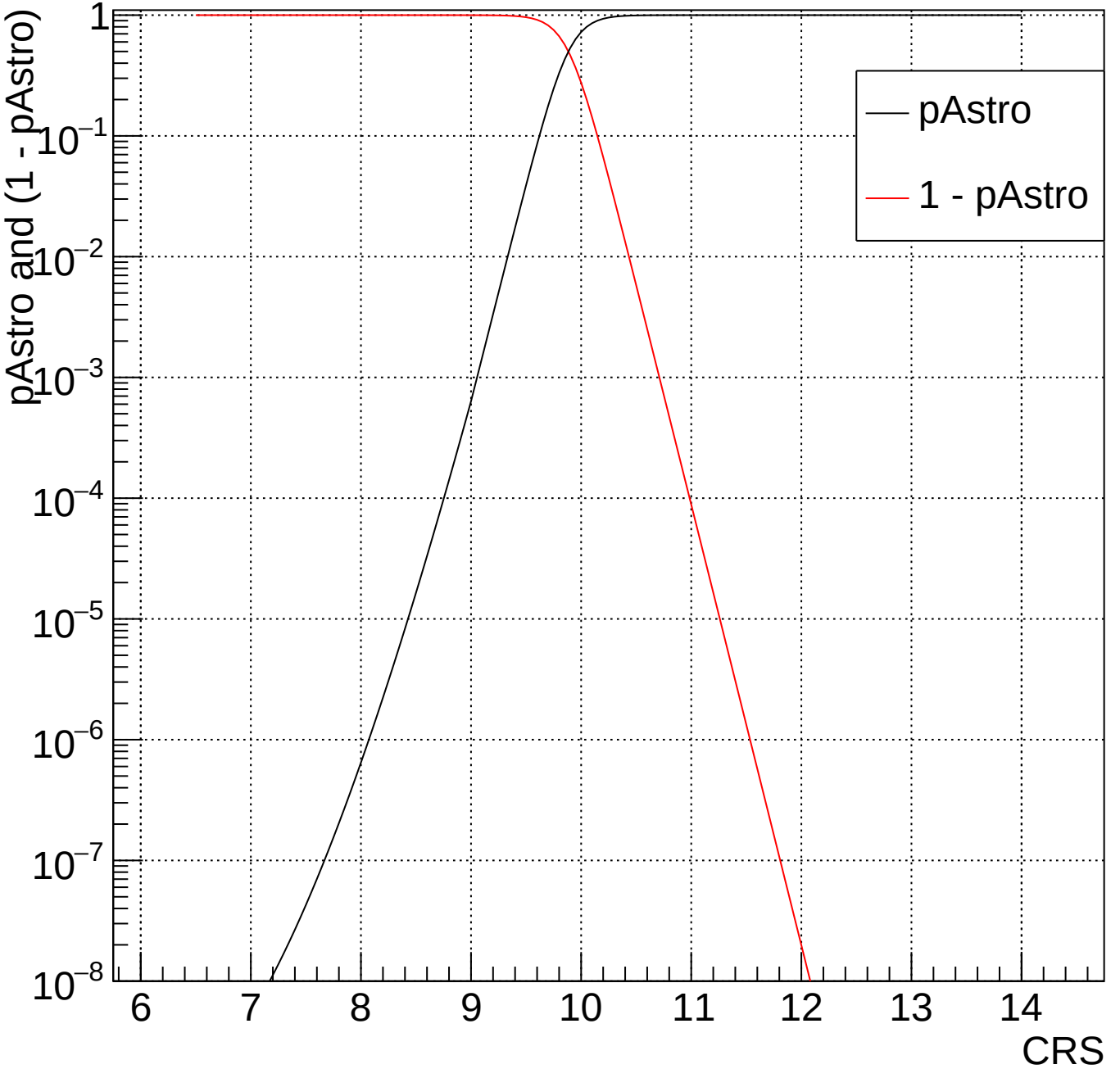
pAstro
1 - pAstro


HV Bin:12 1.551<mChirp<1.629 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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10^{-1}
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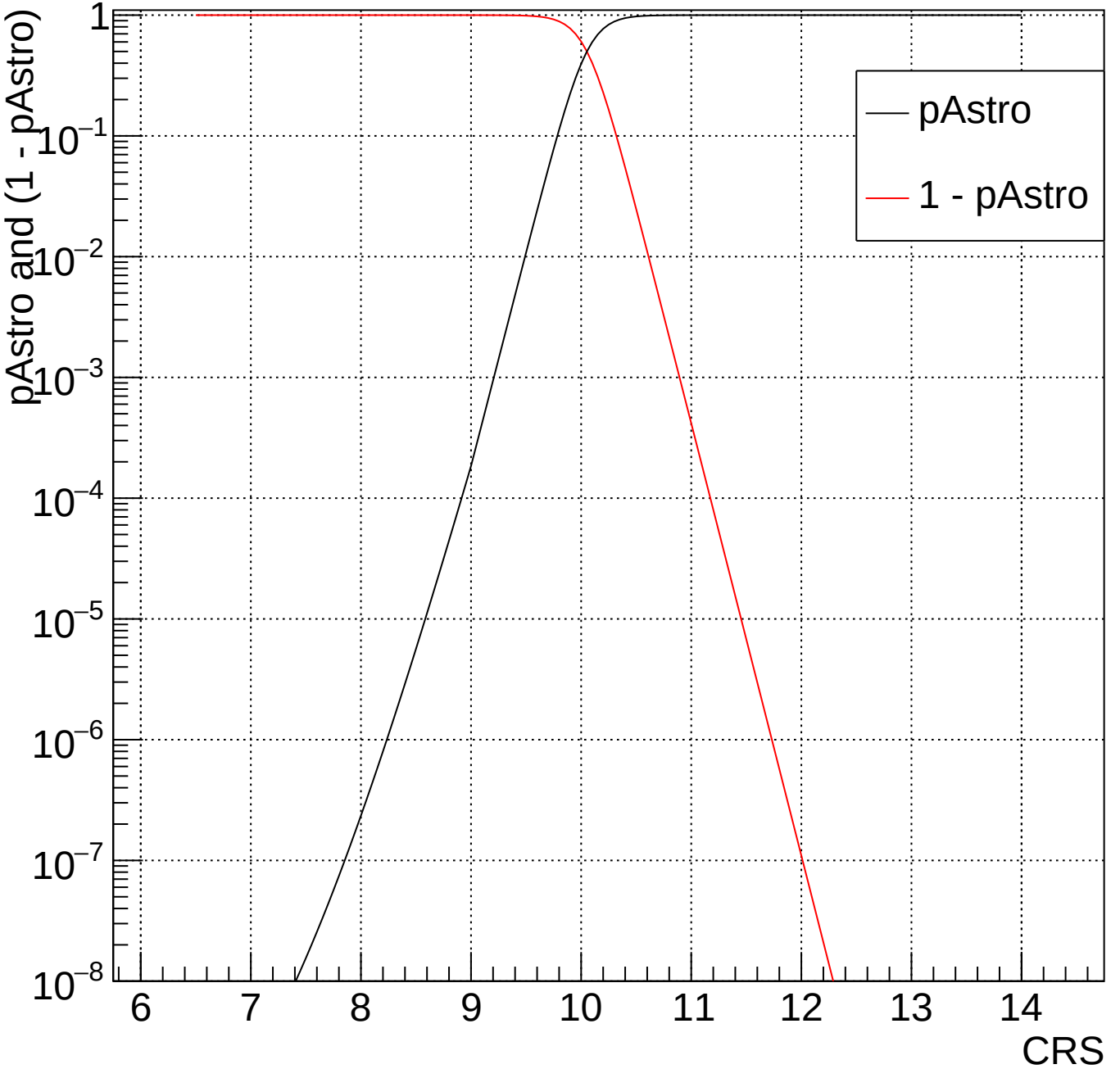
CRS
pAstro
1 - pAstro


HV Bin:13 1.629<mChirp<1.71 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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10^{-4}
10^{-5}
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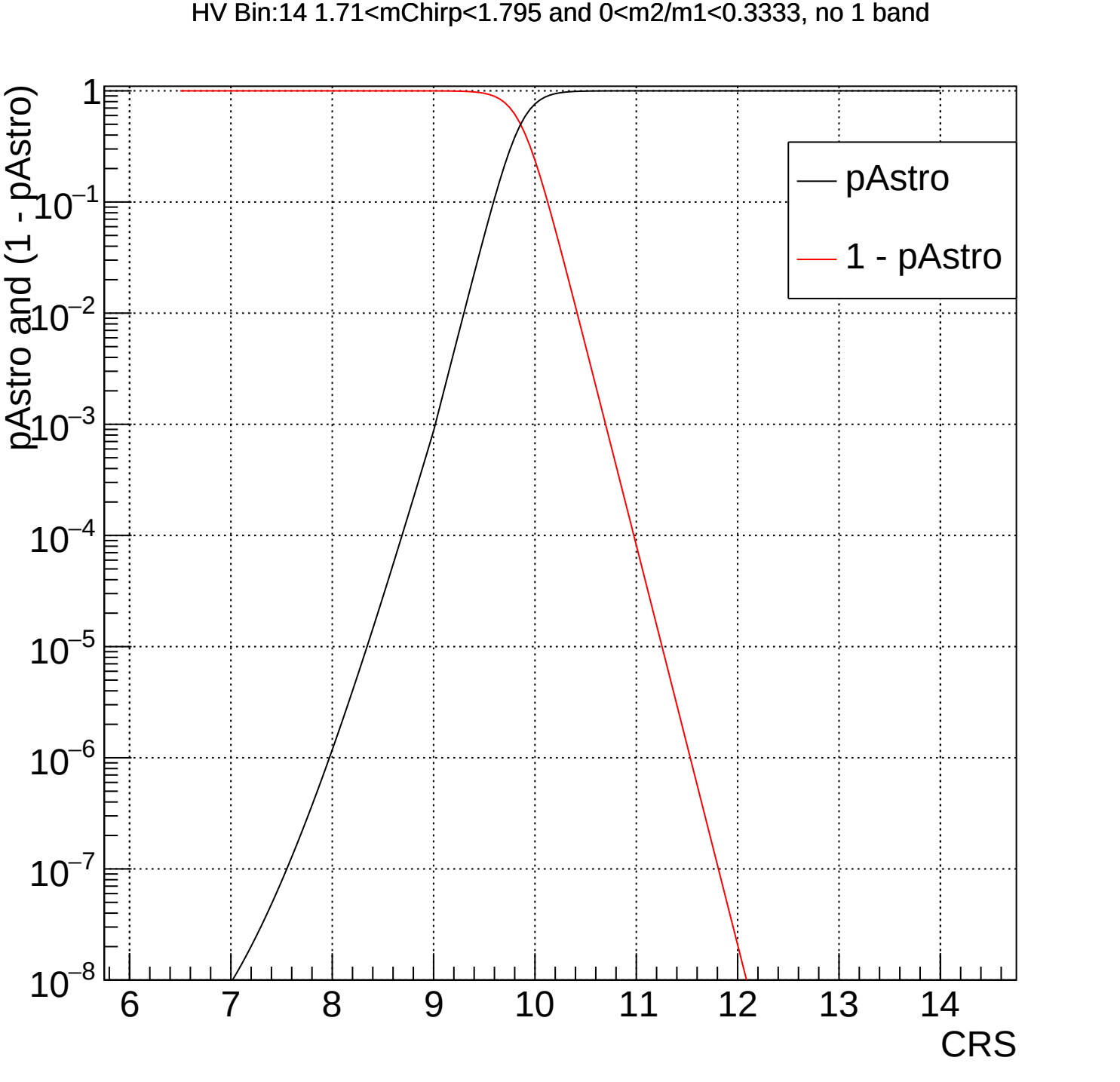
CRS
pAstro
1 - pAstro


HV Bin:14 1.71<mChirp<1.795 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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10^{-1}
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10^{-4}
10^{-5}
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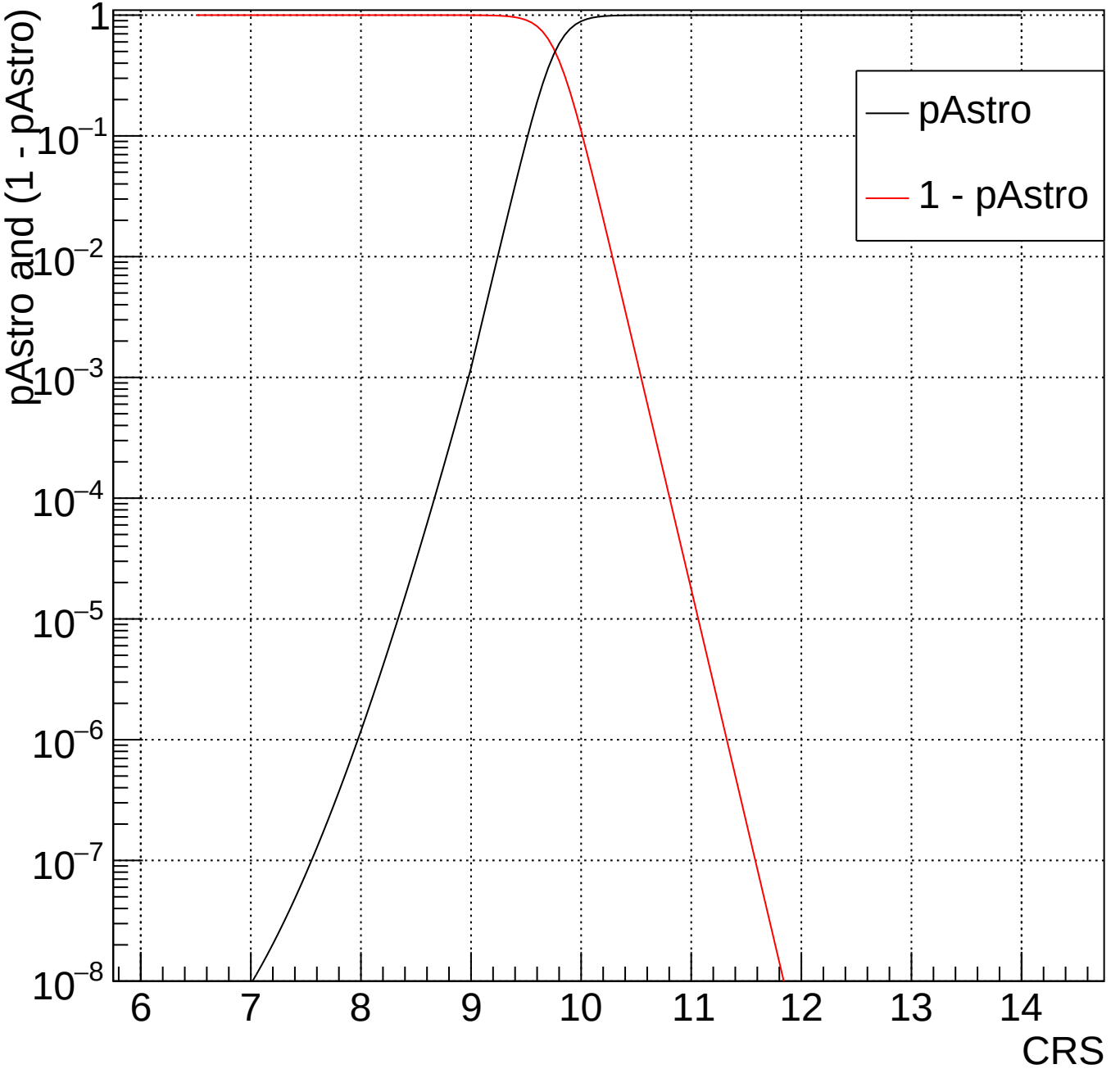
pAstro
1 - pAstro


HV Bin:15 1.795<mChirp<1.884 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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10^{-1}
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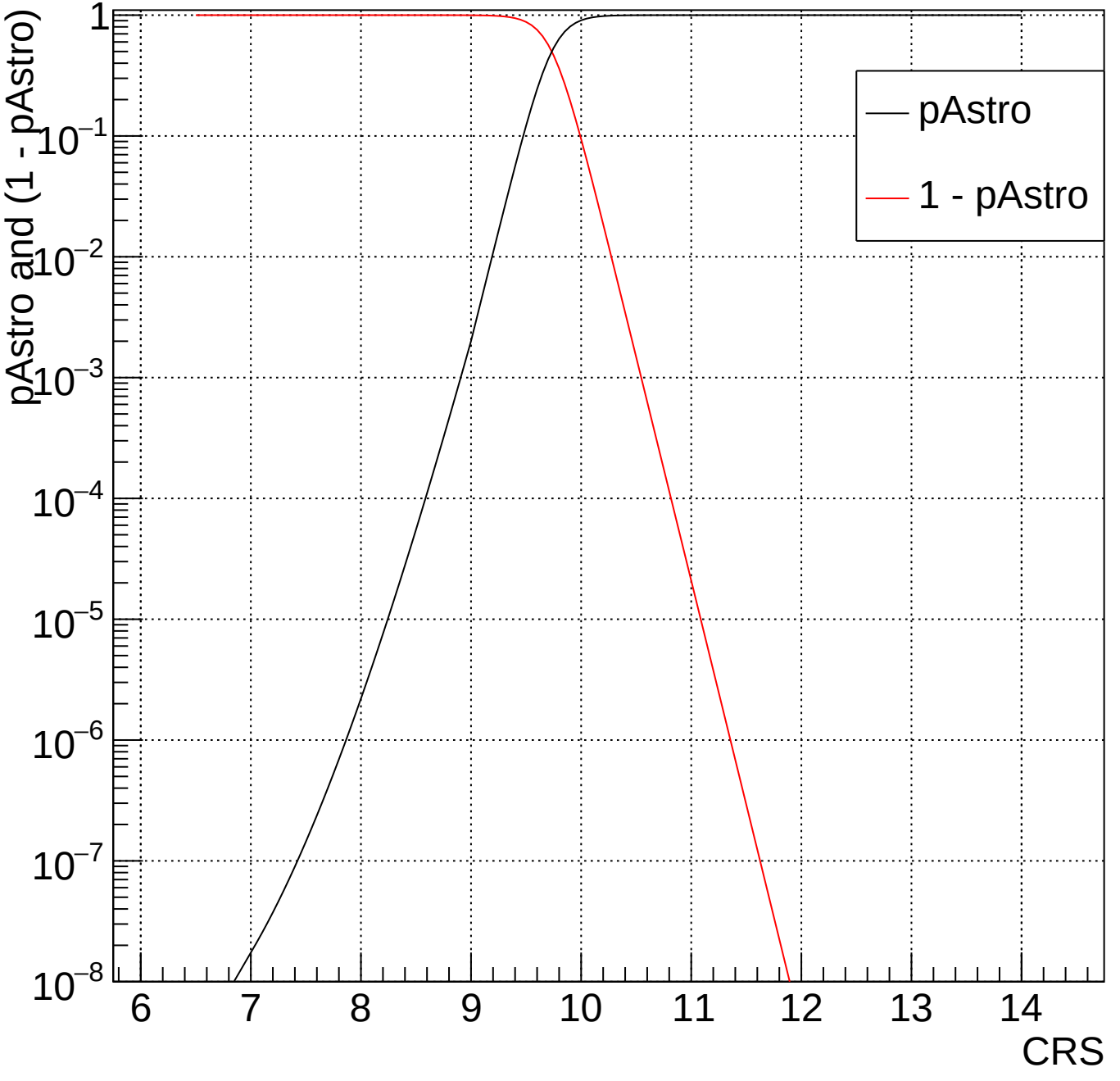
pAstro
1 - pAstro


HV Bin:16 1.884<mChirp<1.978 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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10^{-2}
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pAstro
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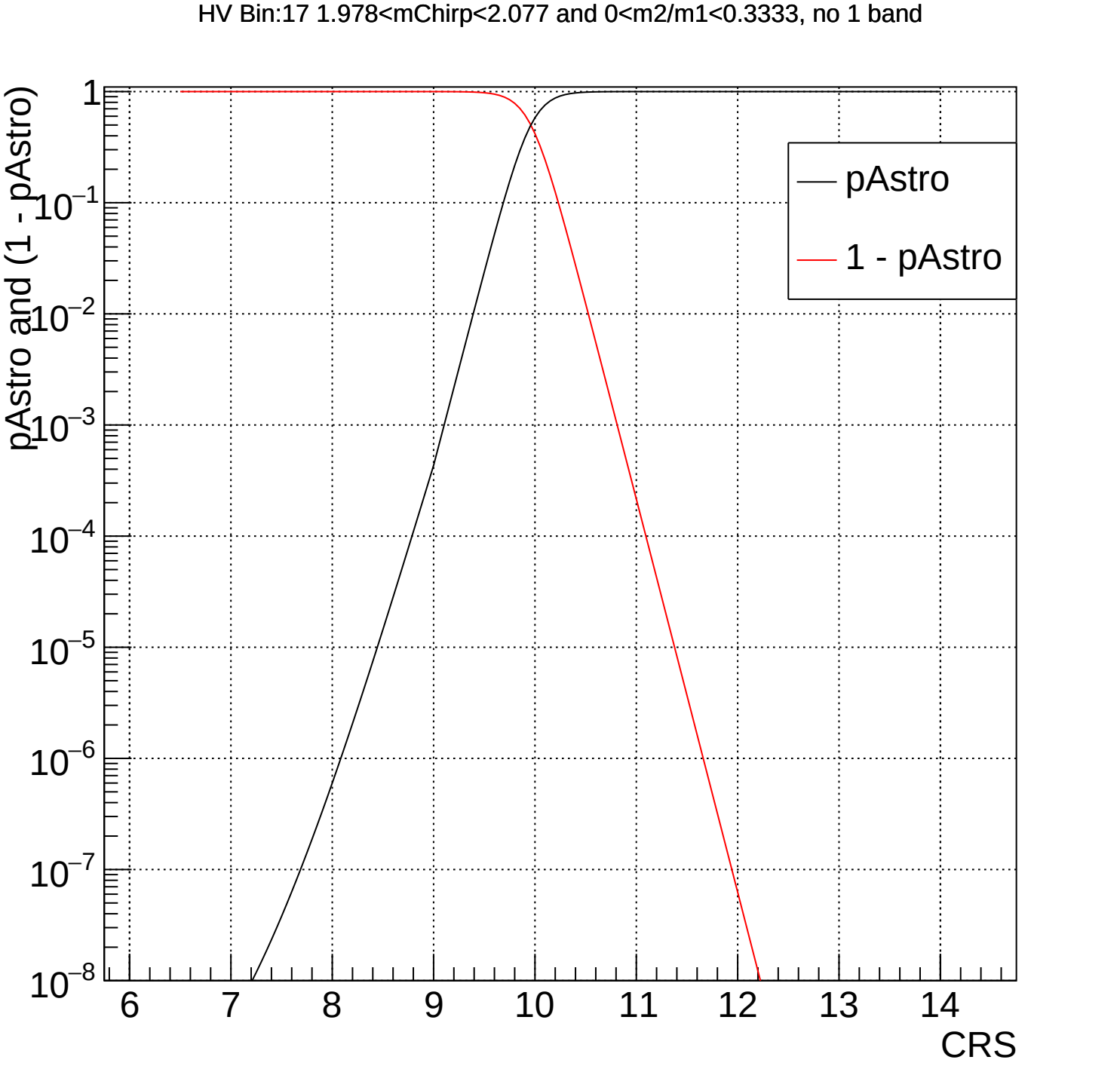
HV Bin:17 1.978<mChirp<2.077 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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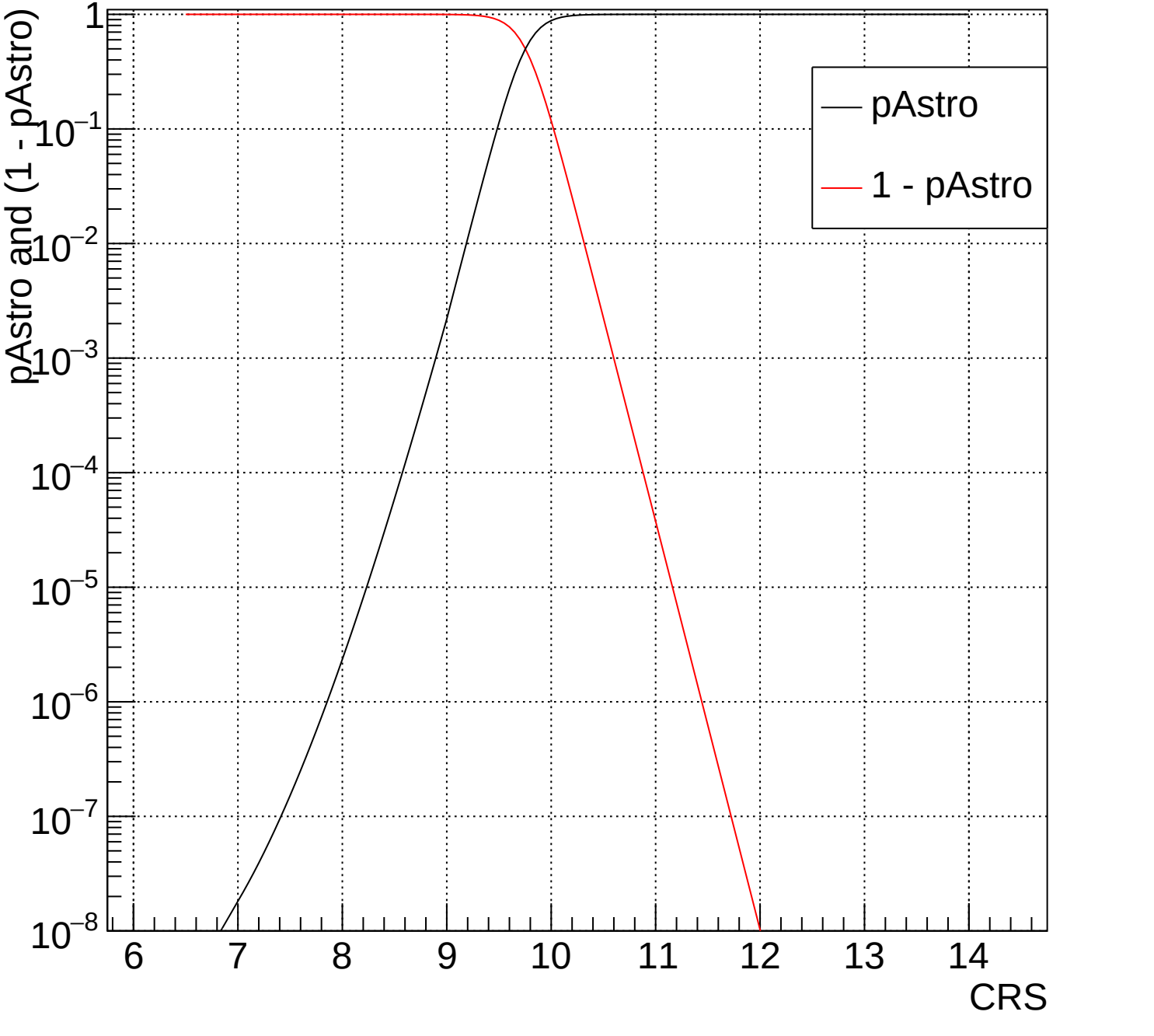
pAstro
1 - pAstro


HV Bin:18 2.077<mChirp<2.18 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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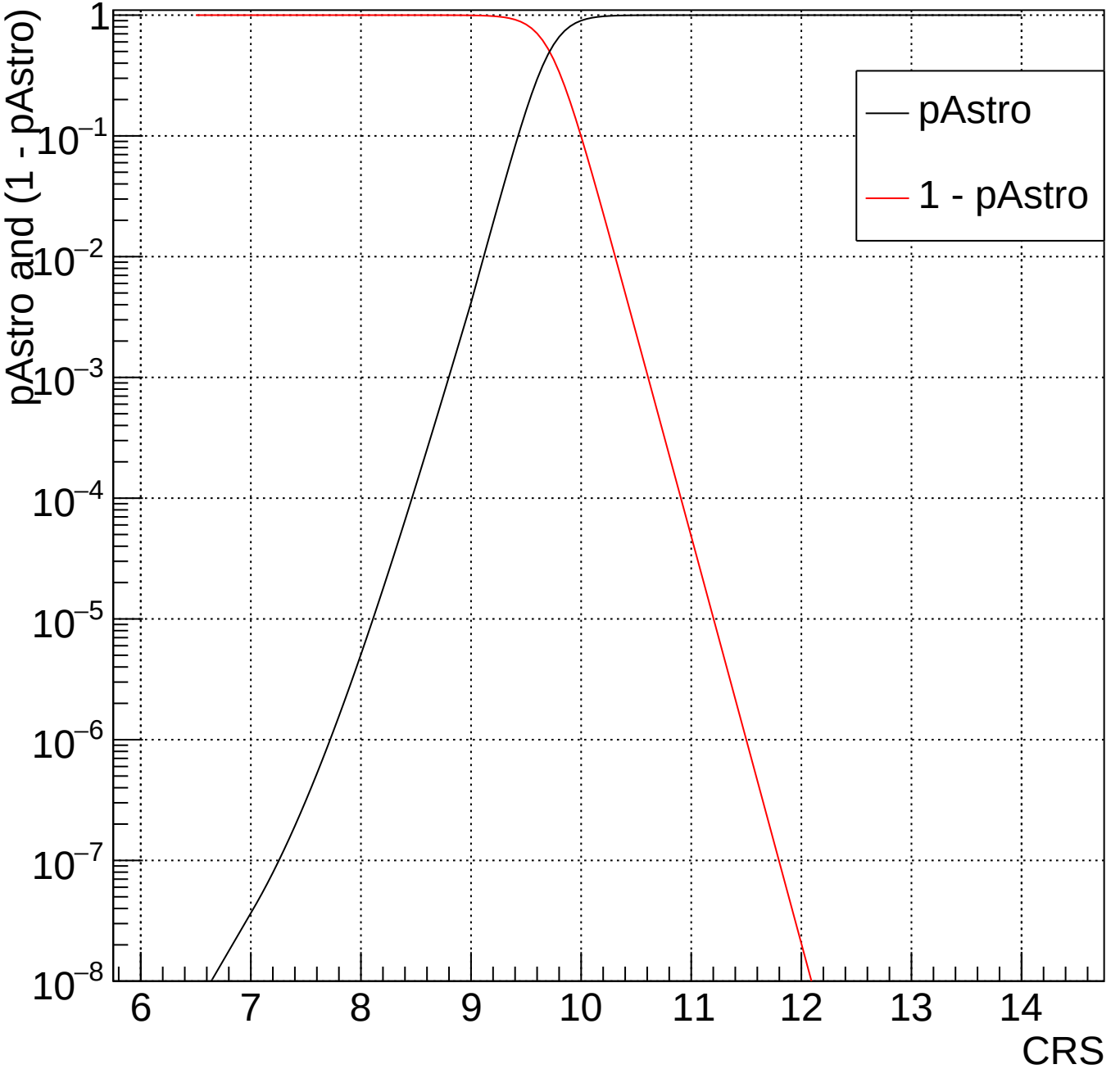
pAstro
1 - pAstro


HV Bin:19 2.18<mChirp<2.289 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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pAstro
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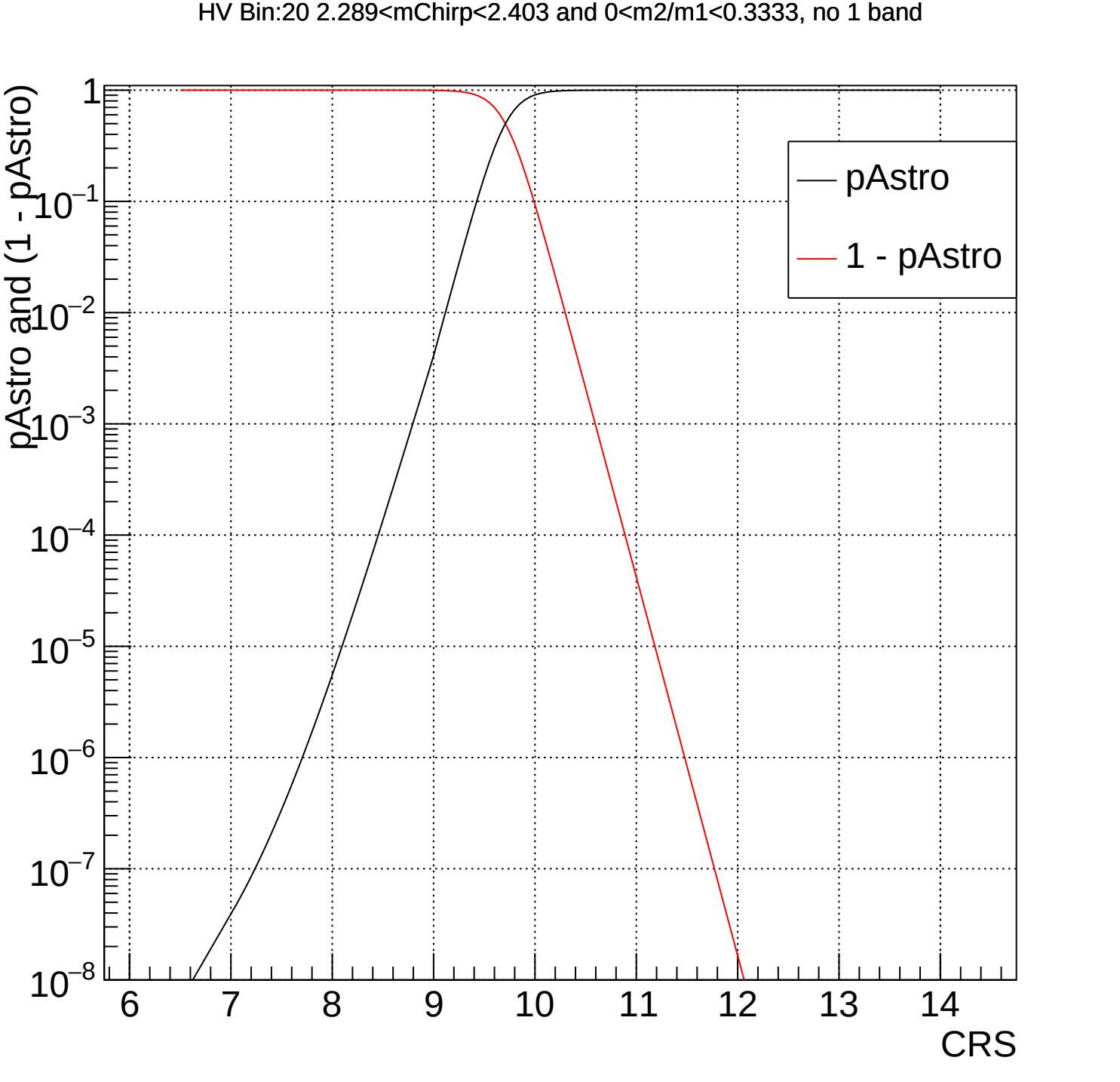
HV Bin:20 2.289<mChirp<2.403 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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pAstro
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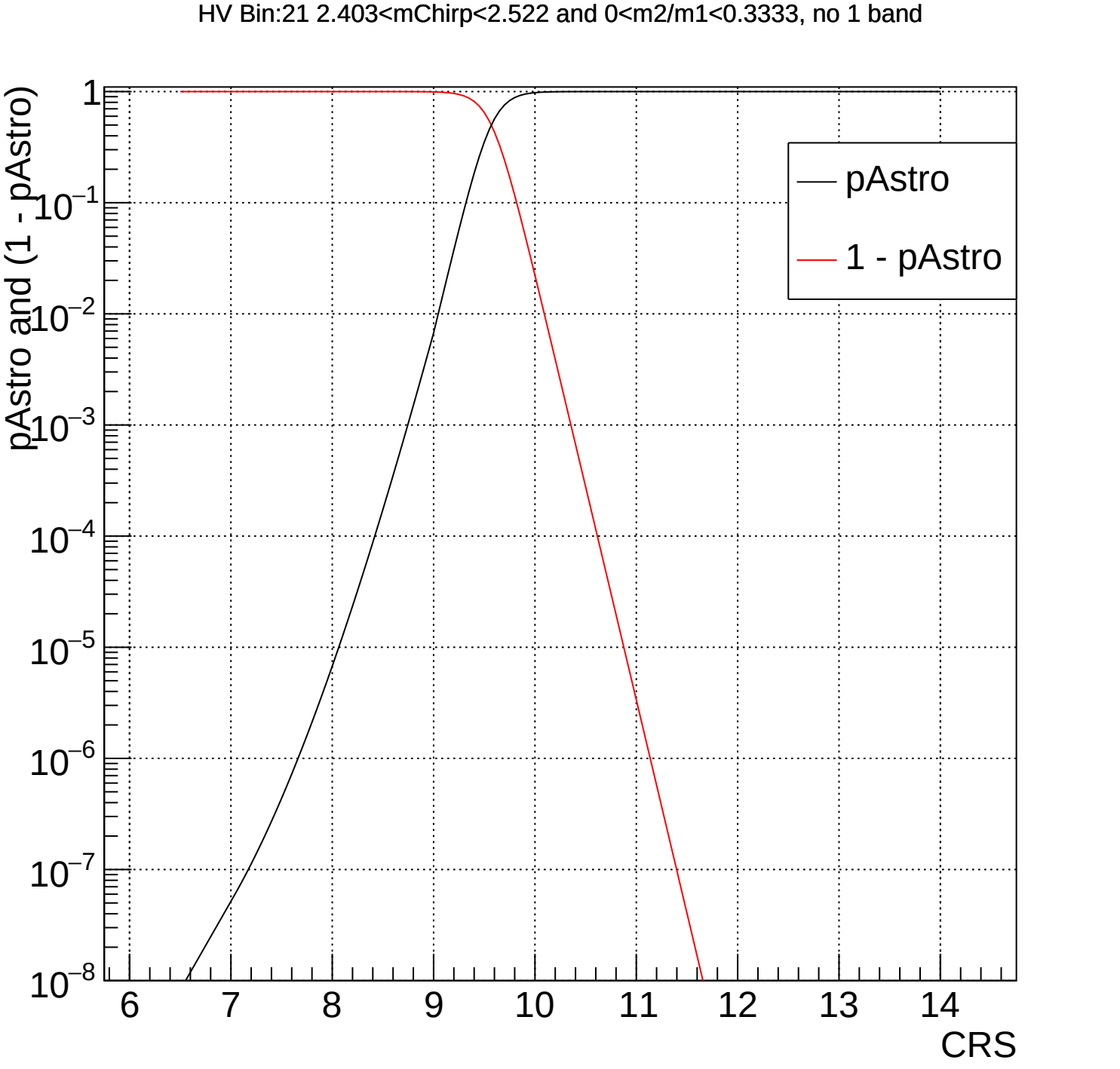
HV Bin:21 2.403<mChirp<2.522 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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pAstro
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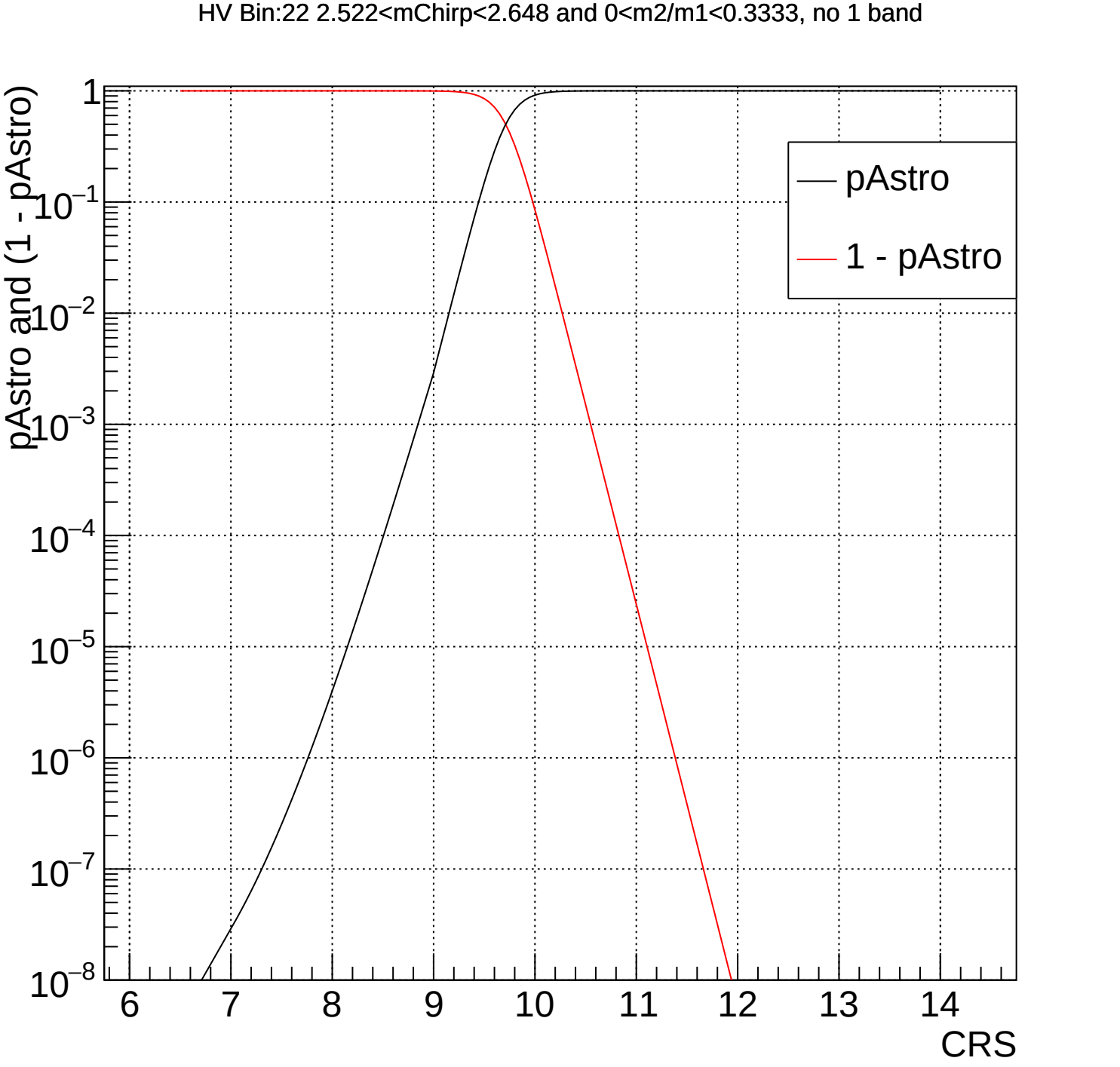
HV Bin:22 2.522<mChirp<2.648 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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pAstro
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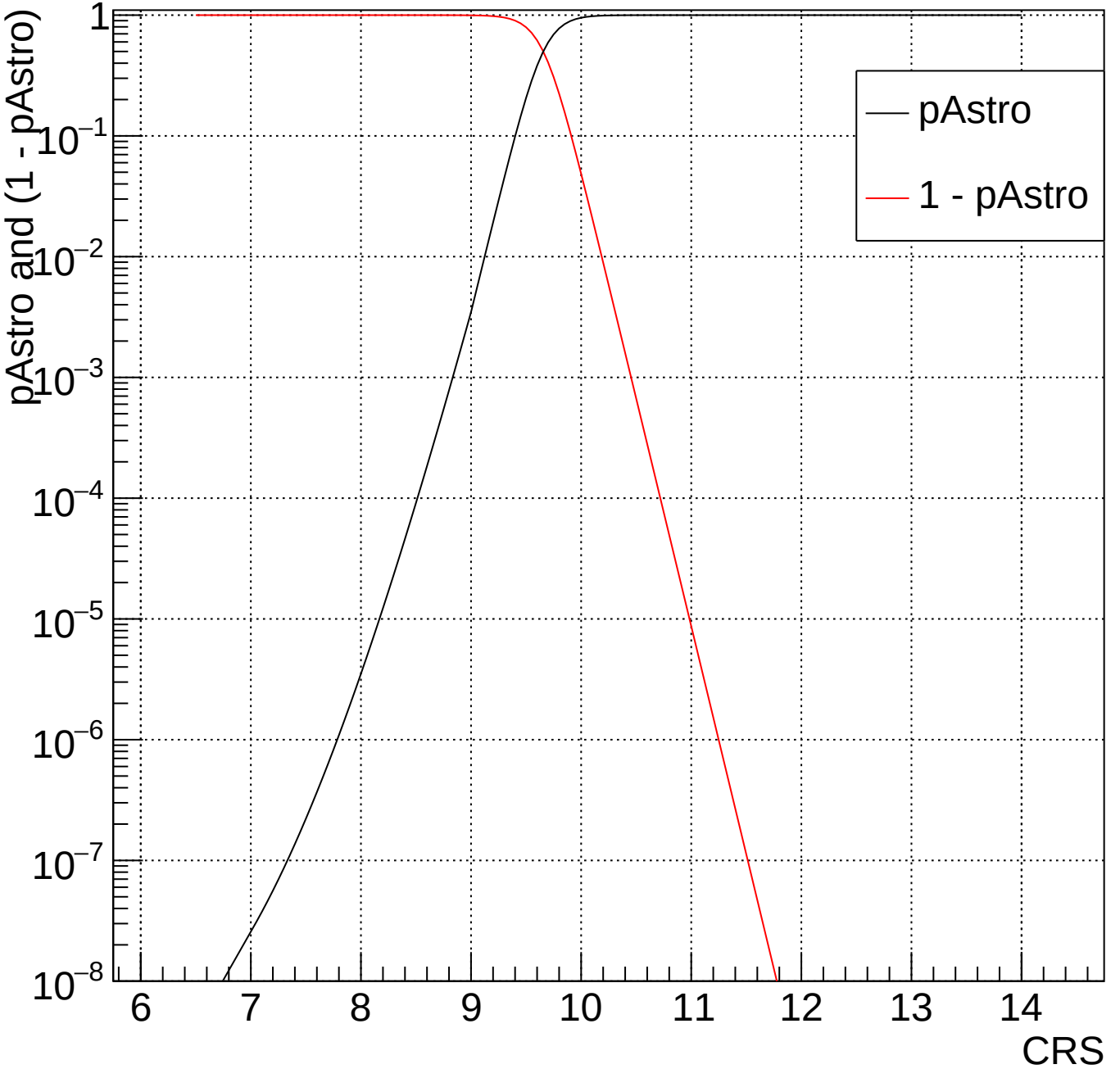
HV Bin:23 2.648<mChirp<2.78 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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pAstro
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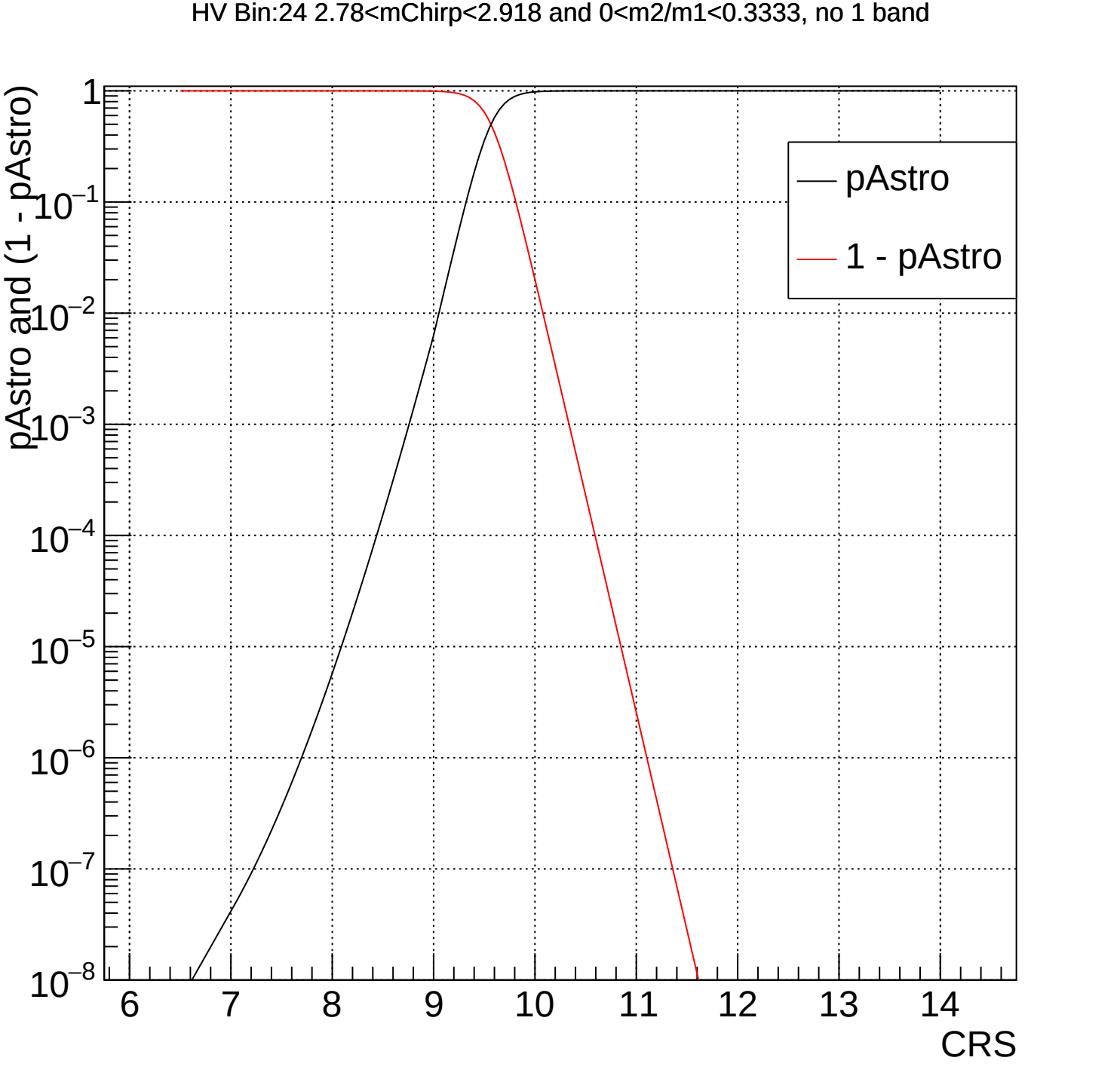
HV Bin:24 2.78<mChirp<2.918 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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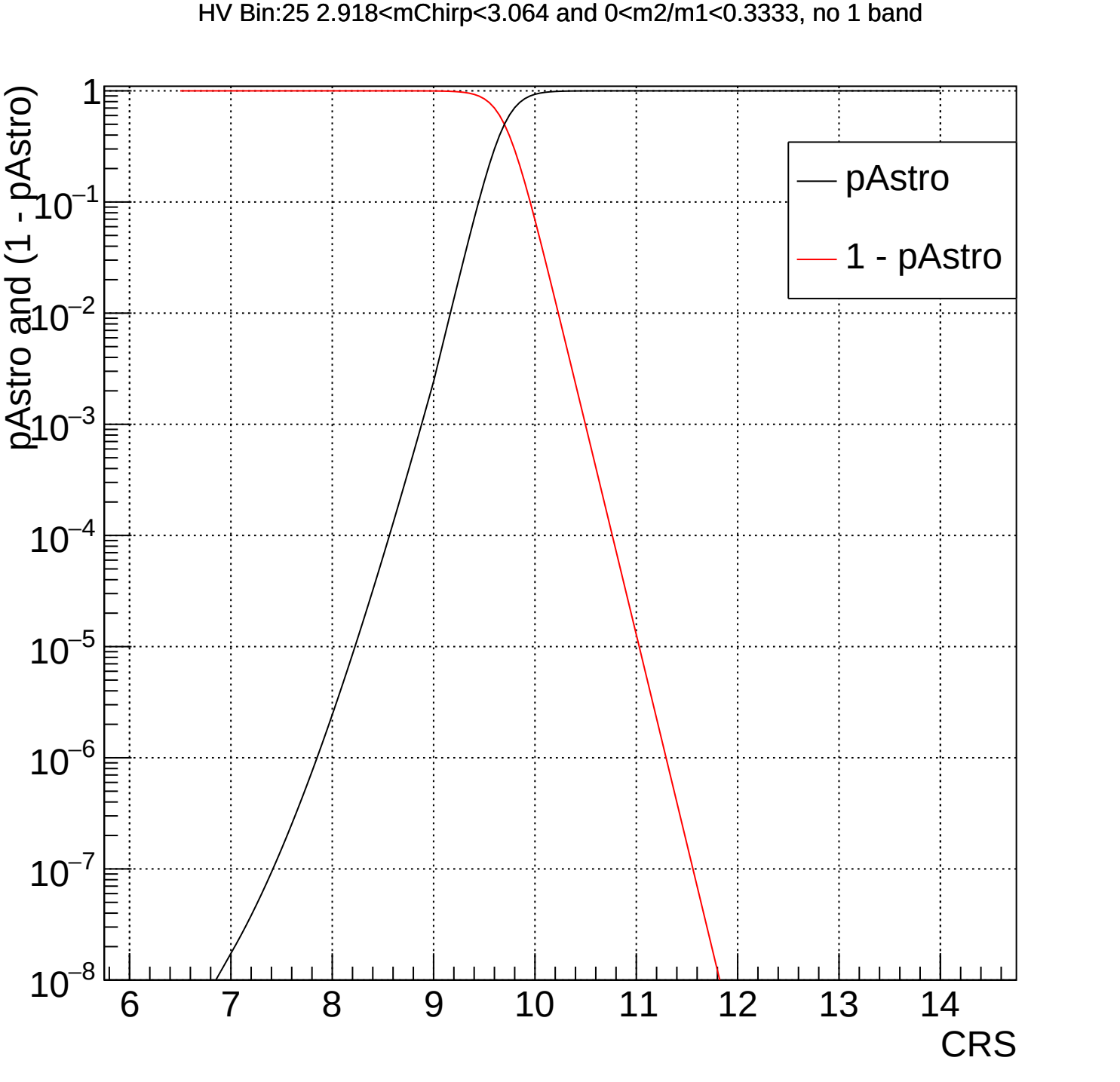
pAstro
1 - pAstro


HV Bin:25 2.918<mChirp<3.064 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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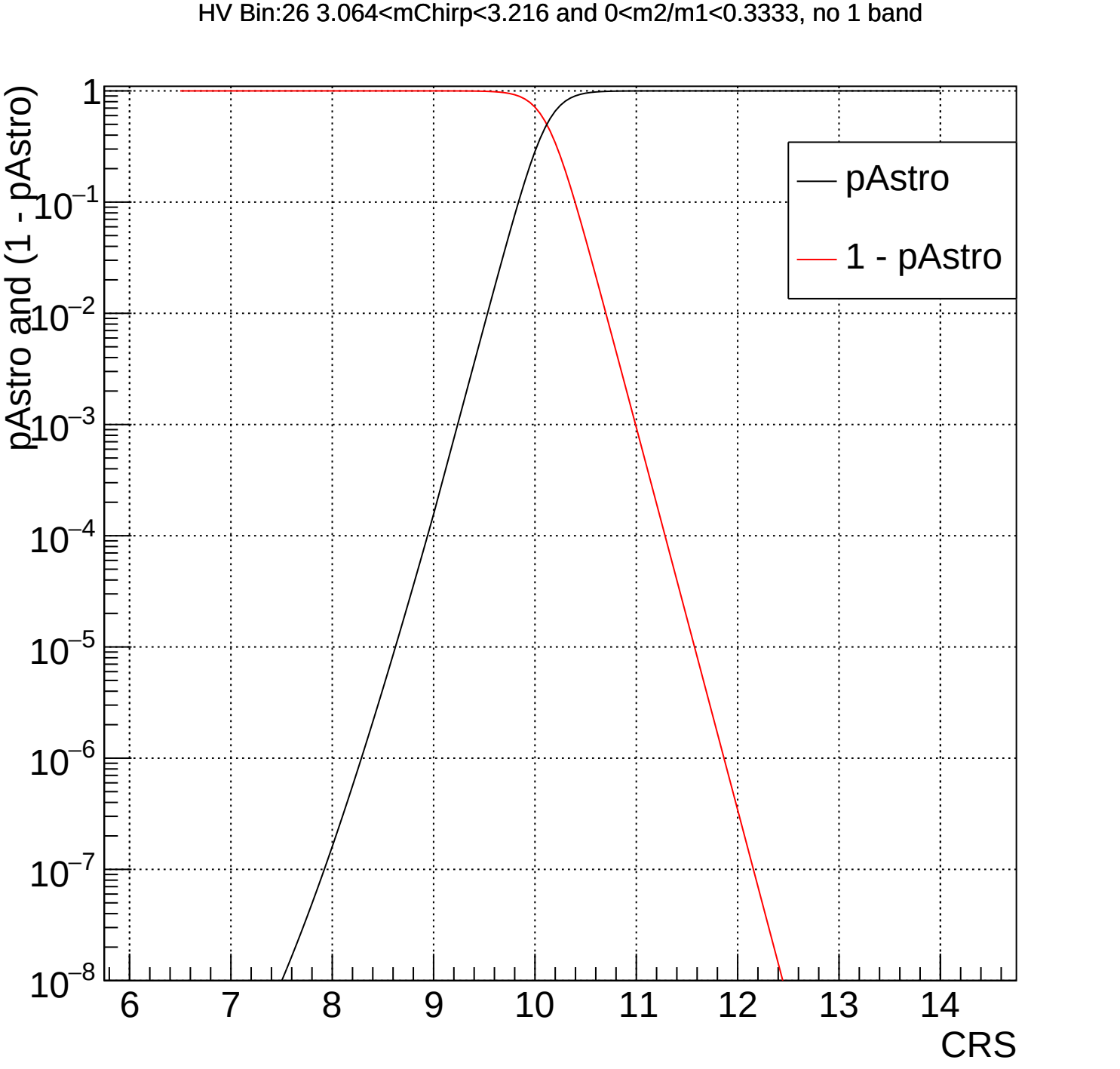
HV Bin:26 3.064<mChirp<3.216 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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pAstro
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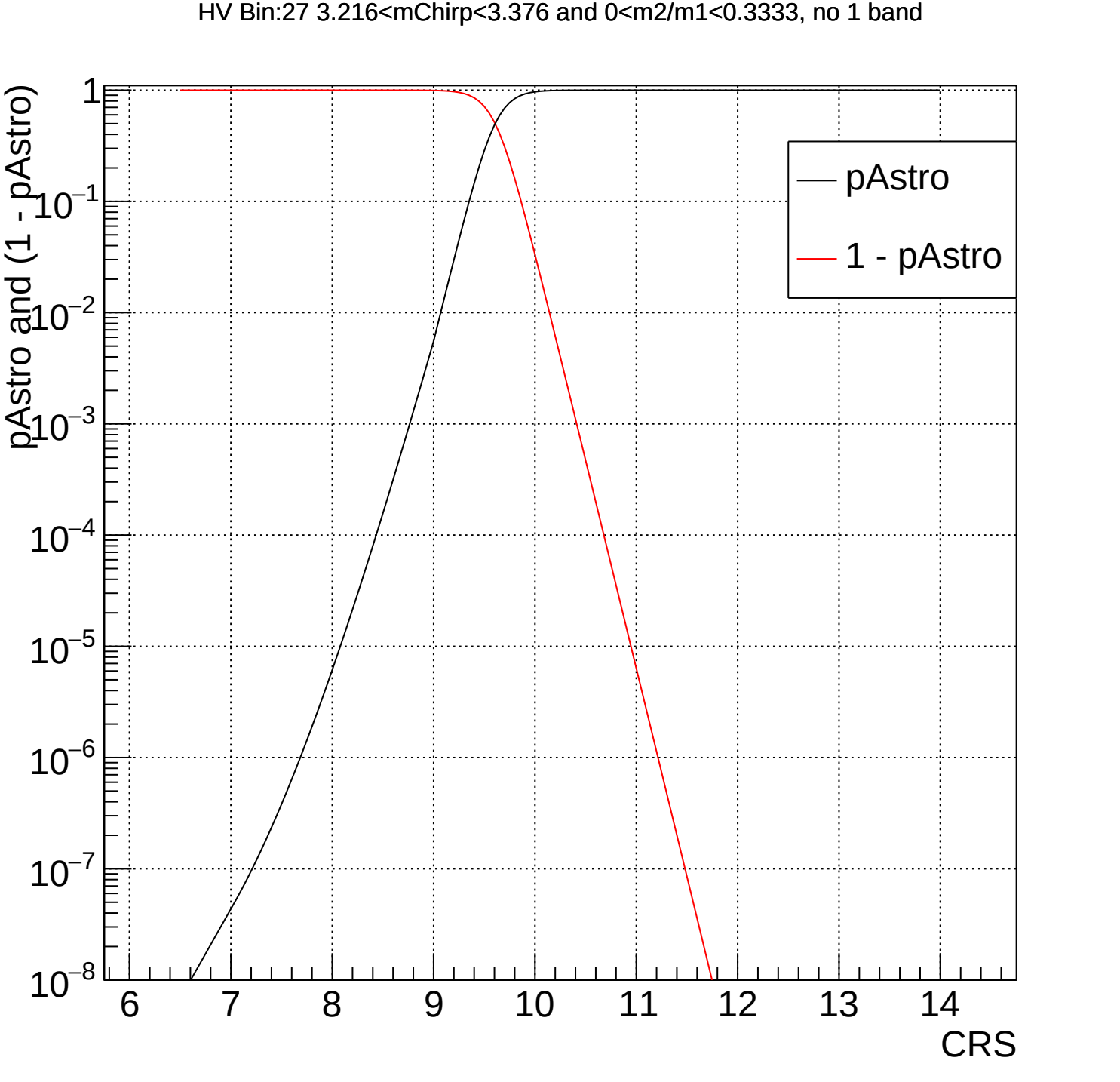
HV Bin:27 3.216<mChirp<3.376 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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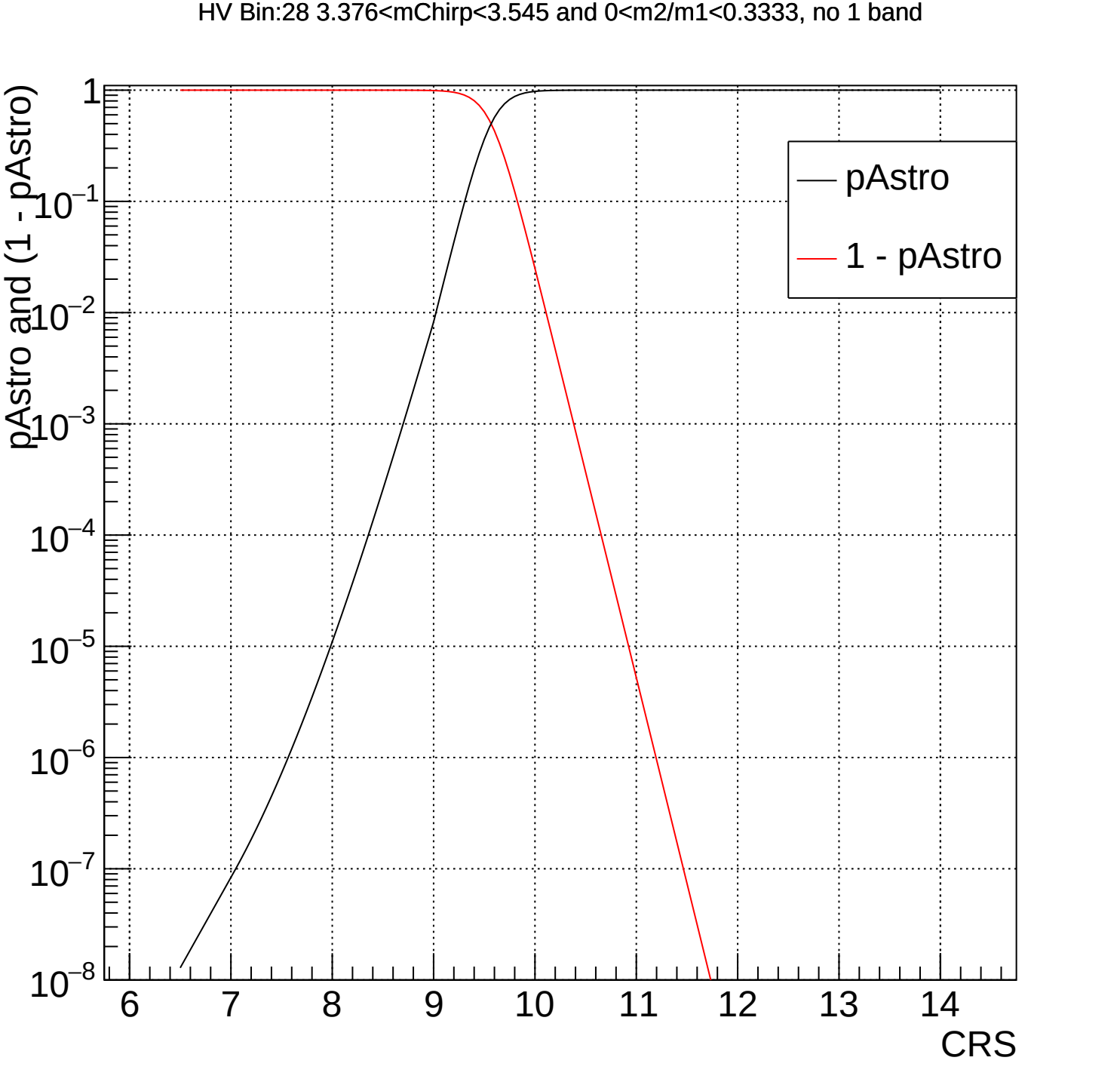
HV Bin:28 3.376<mChirp<3.545 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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pAstro
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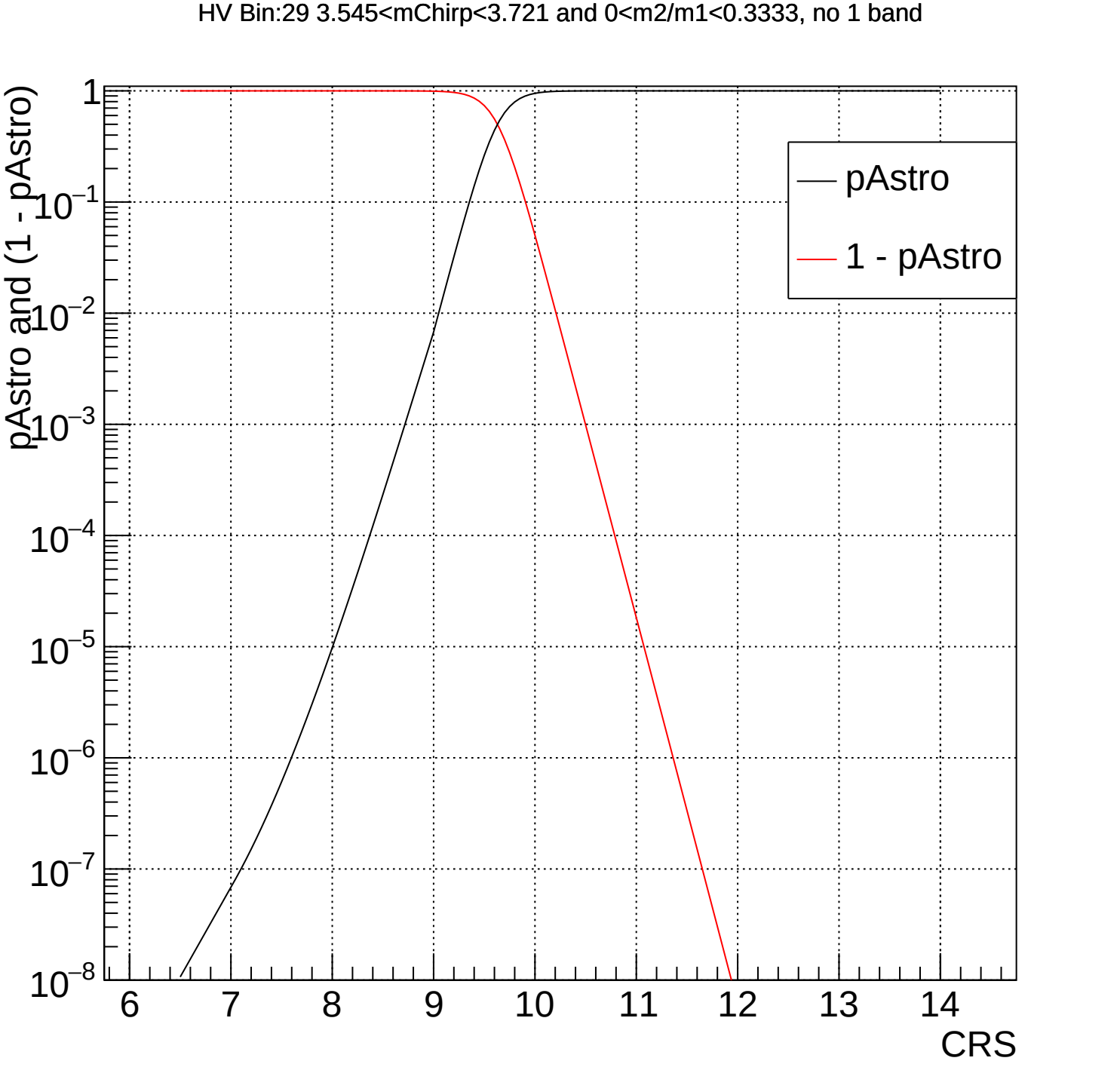
HV Bin:29 3.545<mChirp<3.721 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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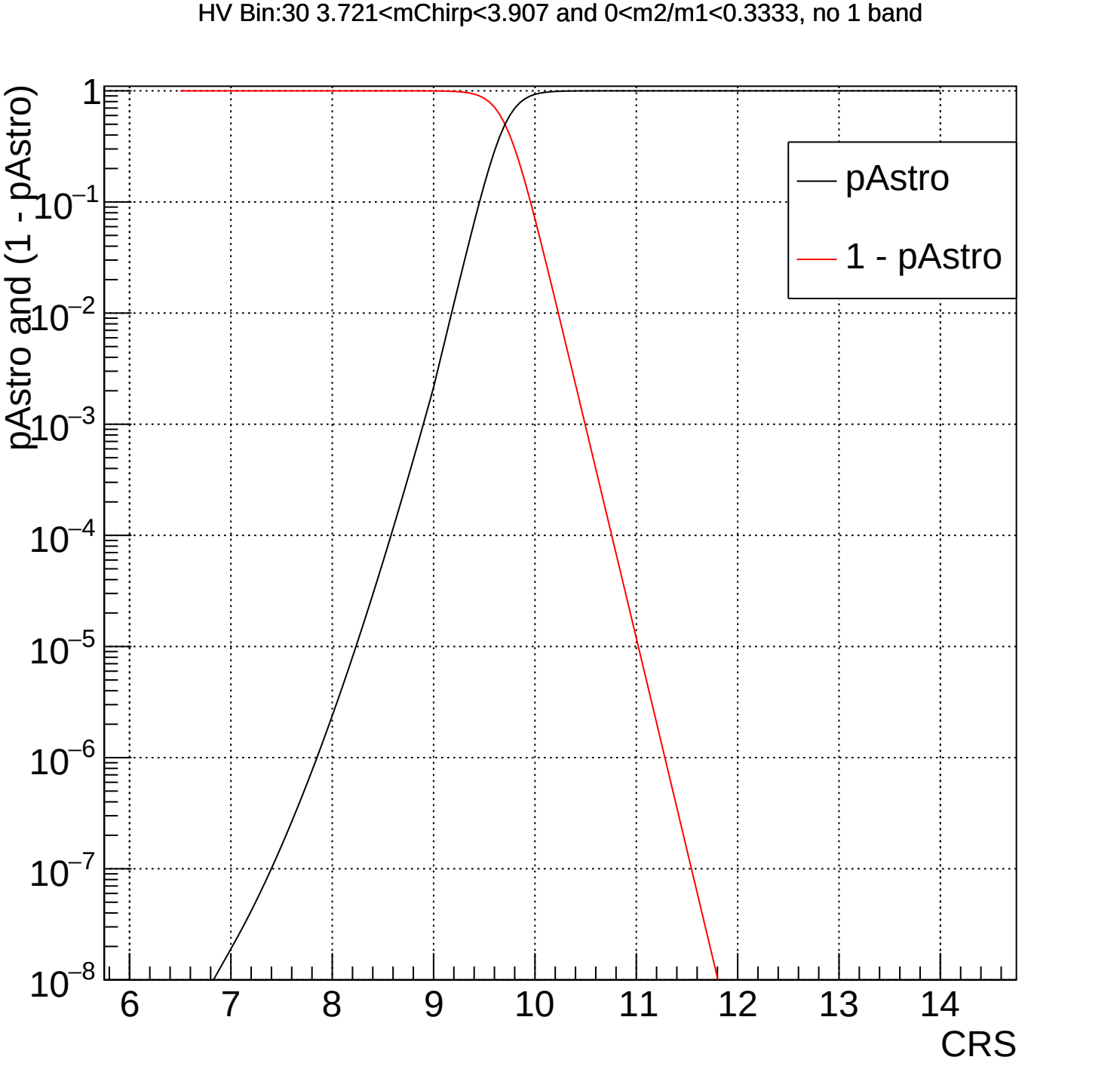
HV Bin:30 3.721<mChirp<3.907 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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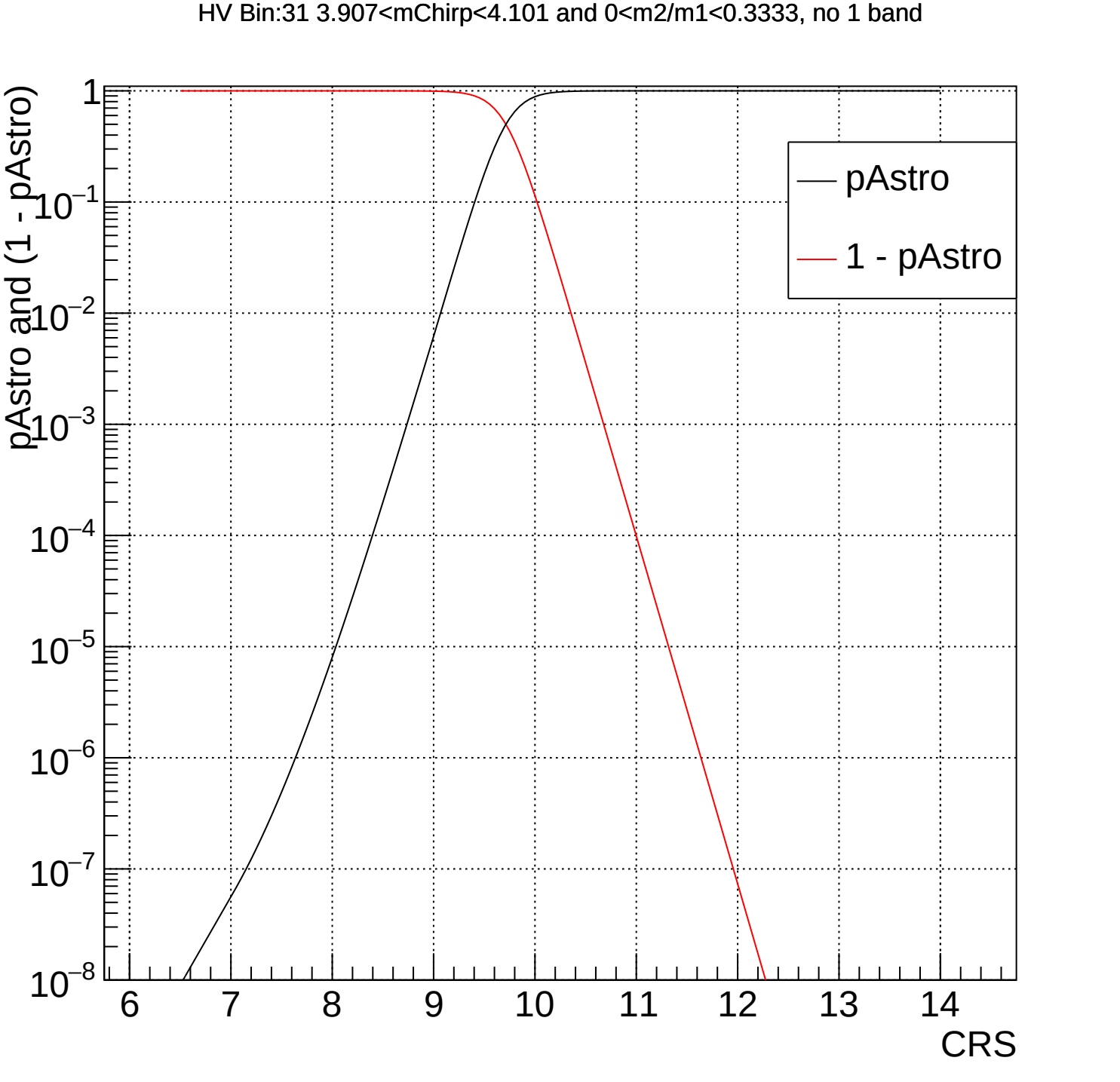
HV Bin:31 3.907<mChirp<4.101 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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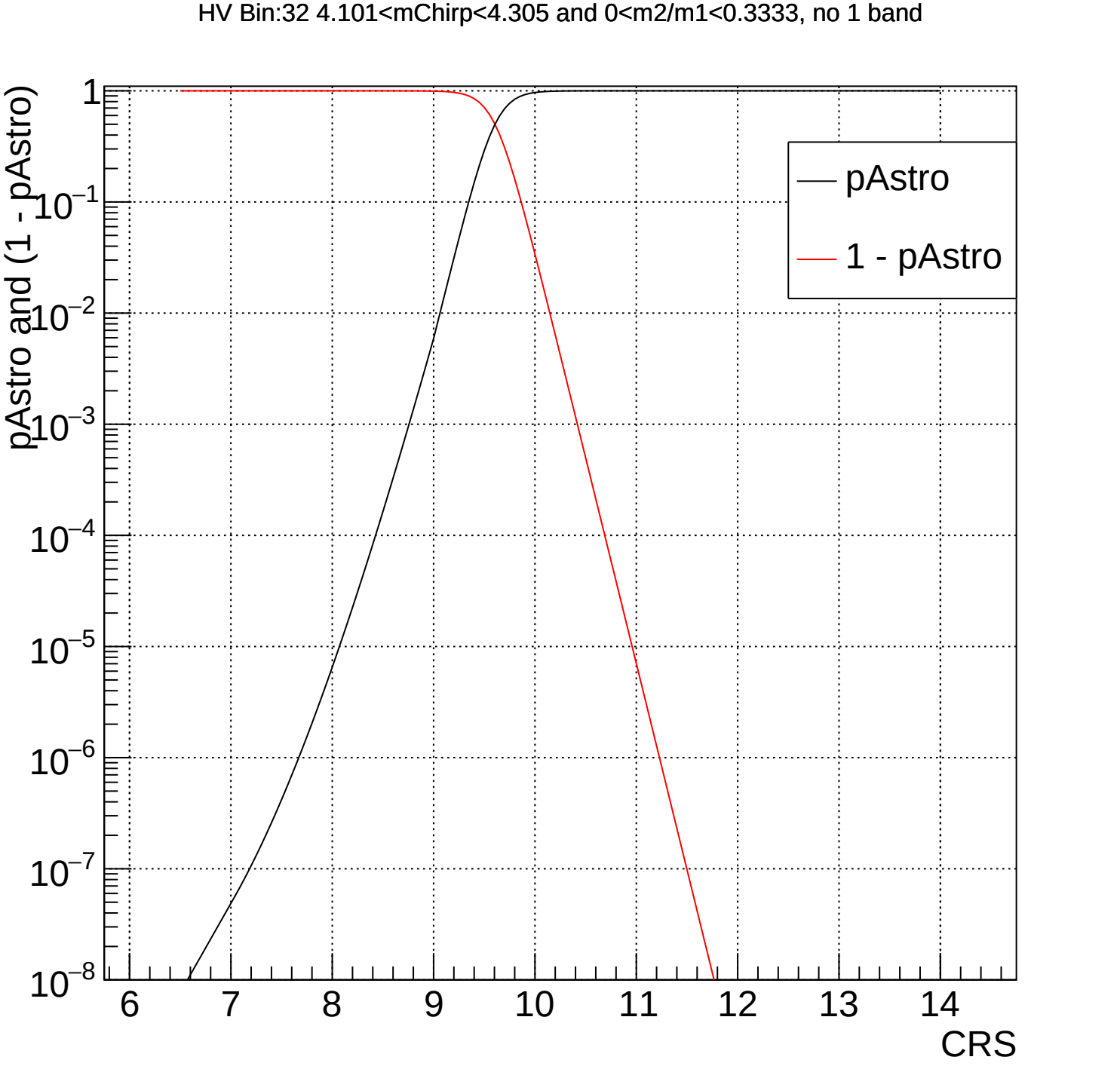
HV Bin:32 4.101<mChirp<4.305 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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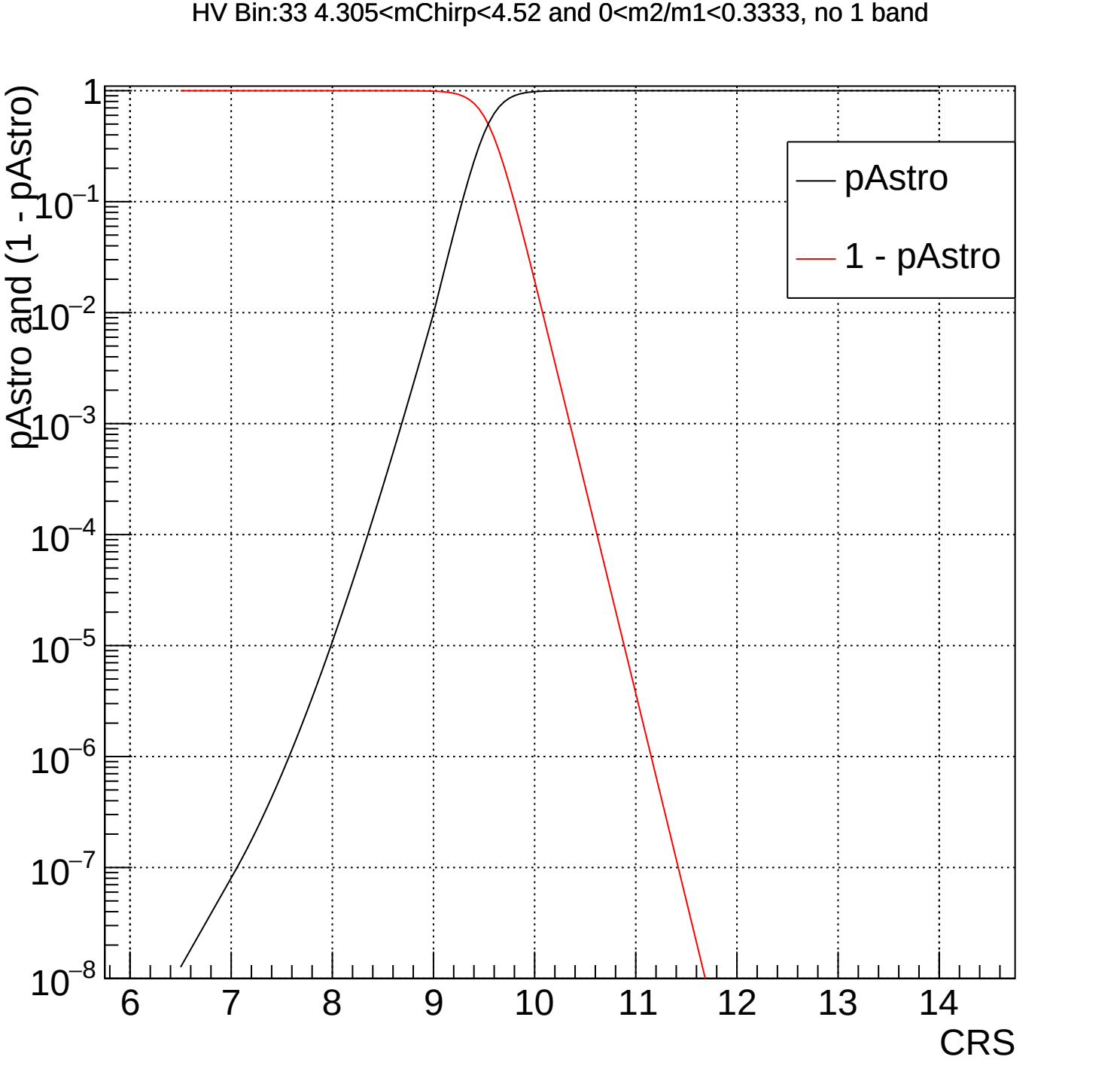
HV Bin:33 4.305<mChirp<4.52 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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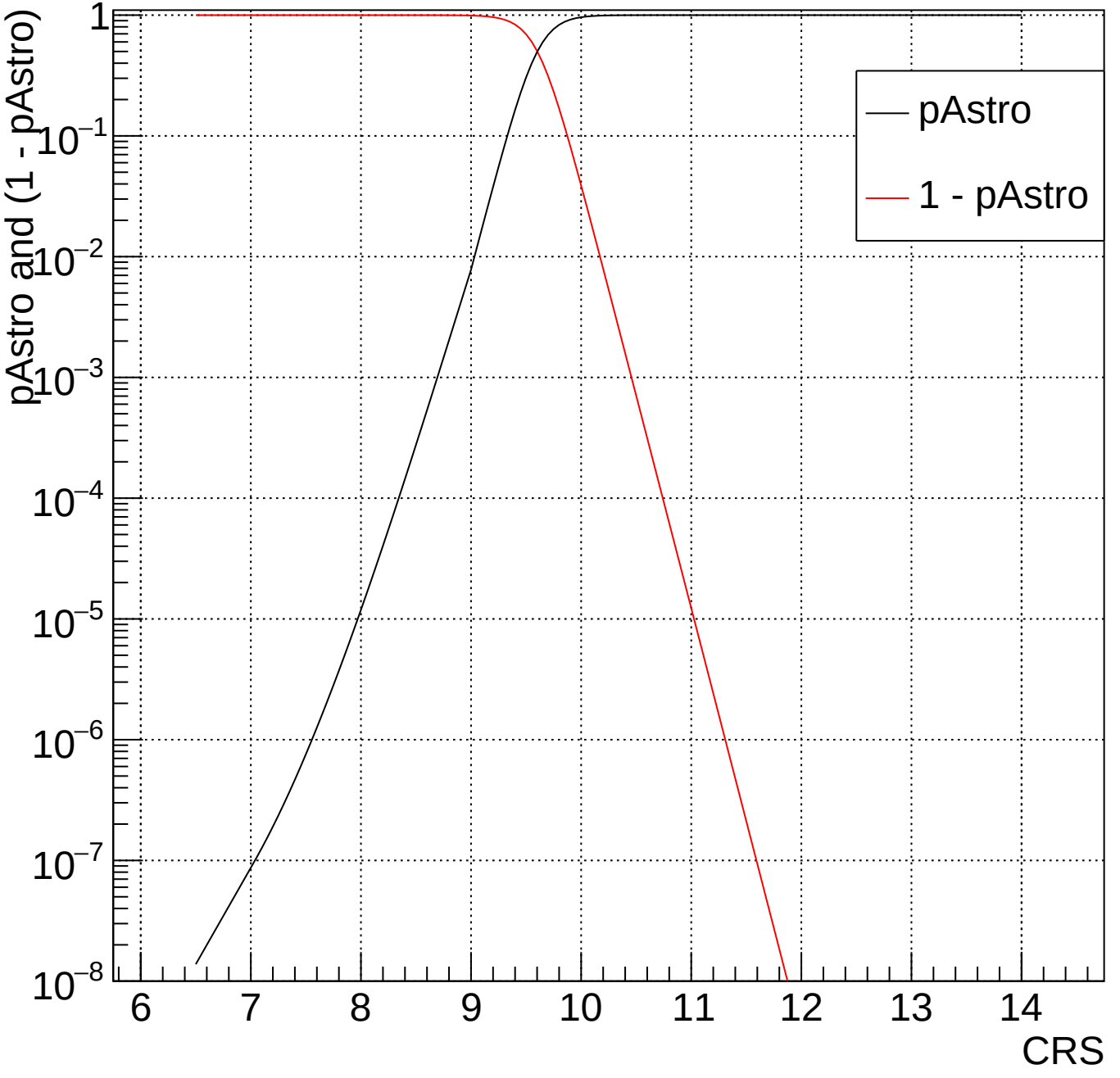
HV Bin:34 4.52<mChirp<4.745 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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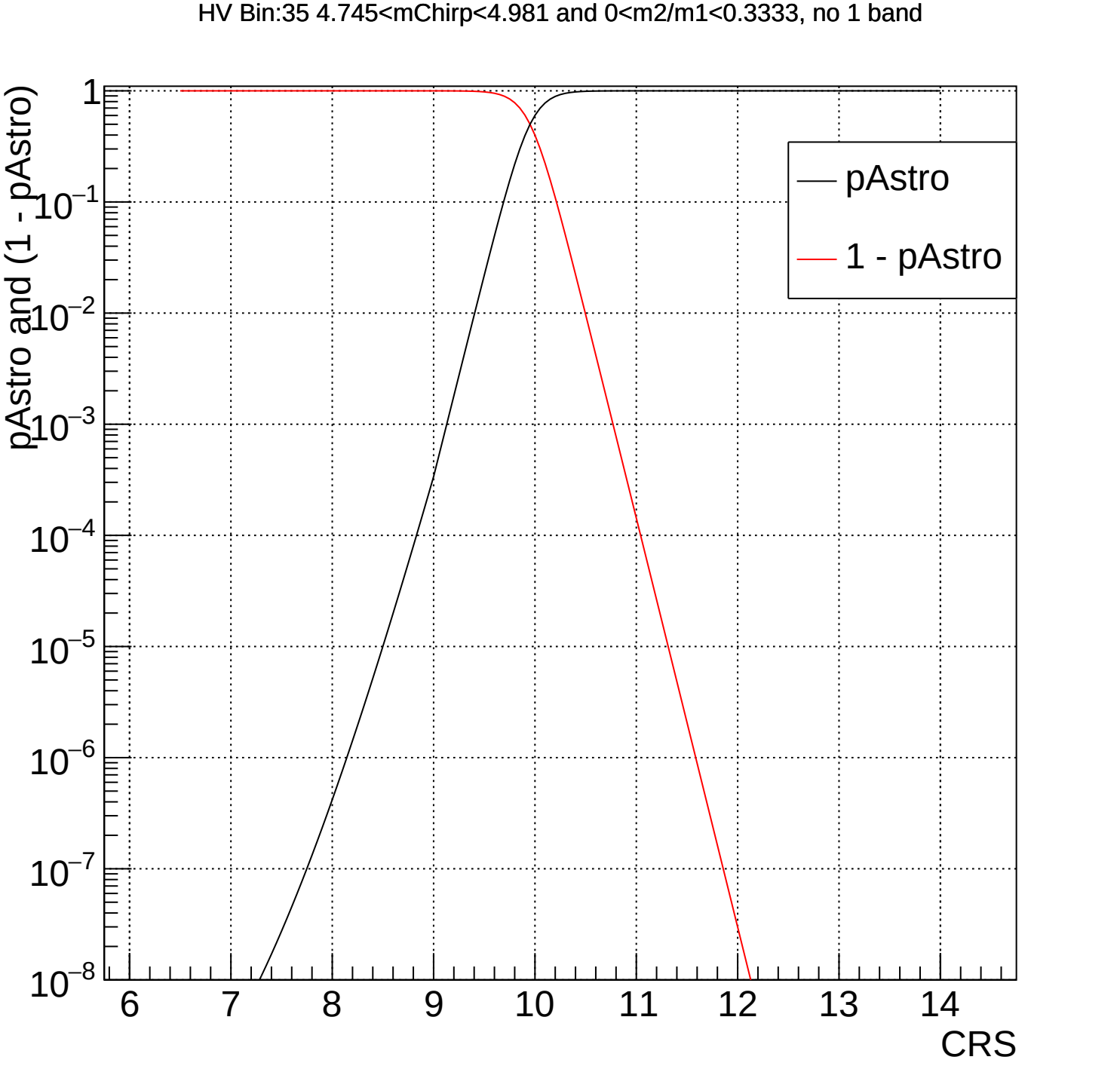
HV Bin:35 4.745<mChirp<4.981 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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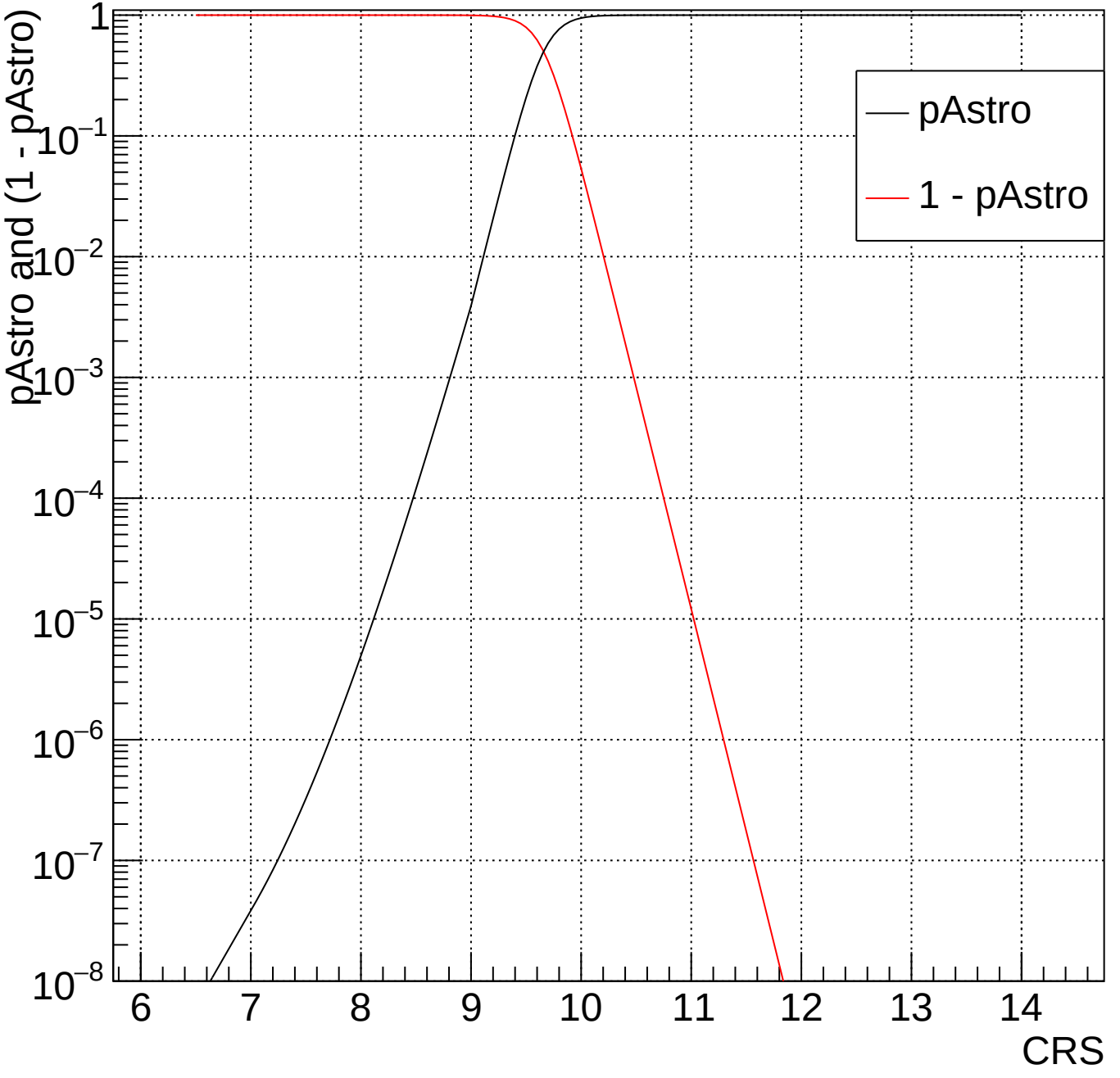
HV Bin:36 4.981<mChirp<5.229 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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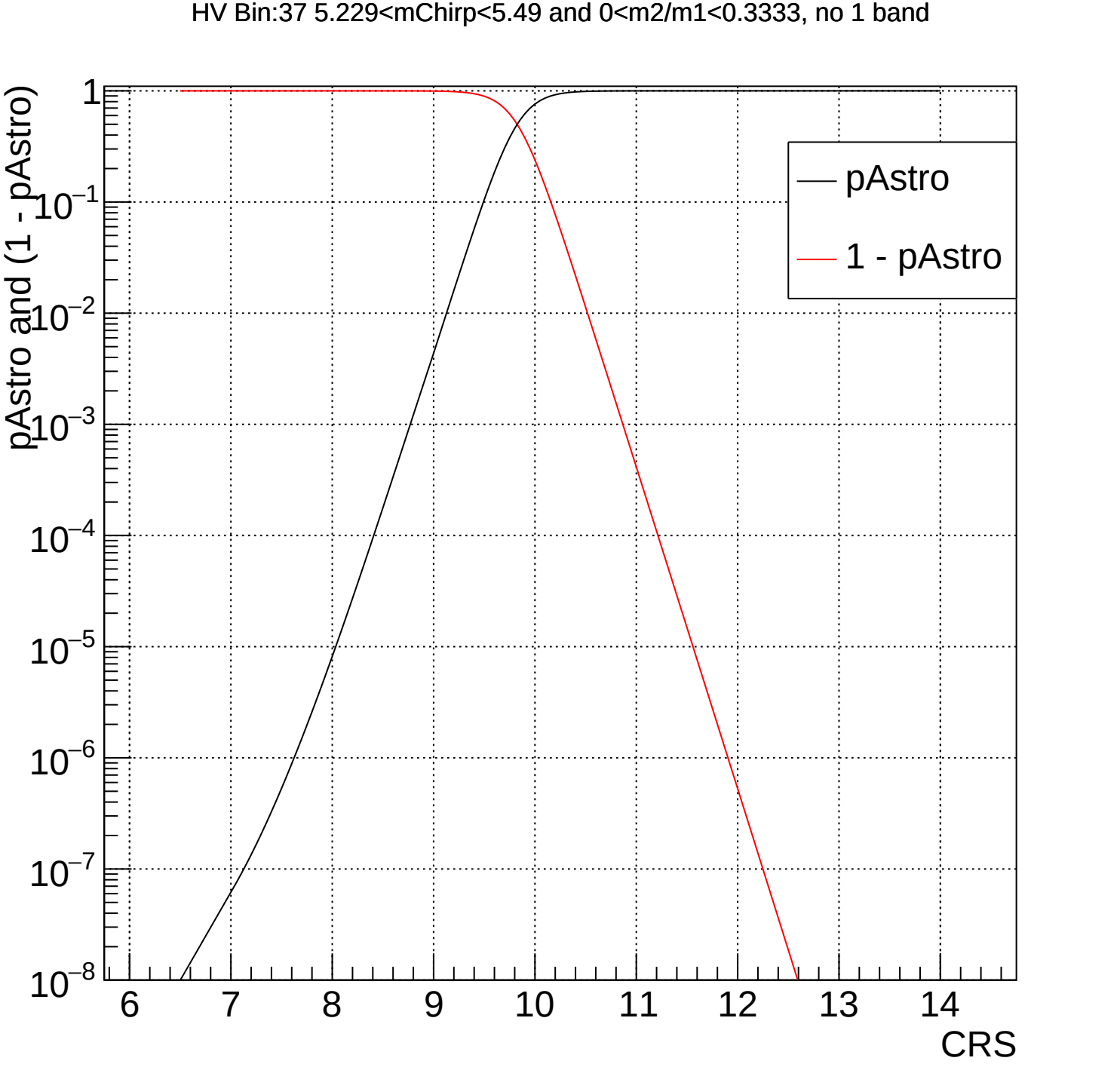
HV Bin:37 5.229<mChirp<5.49 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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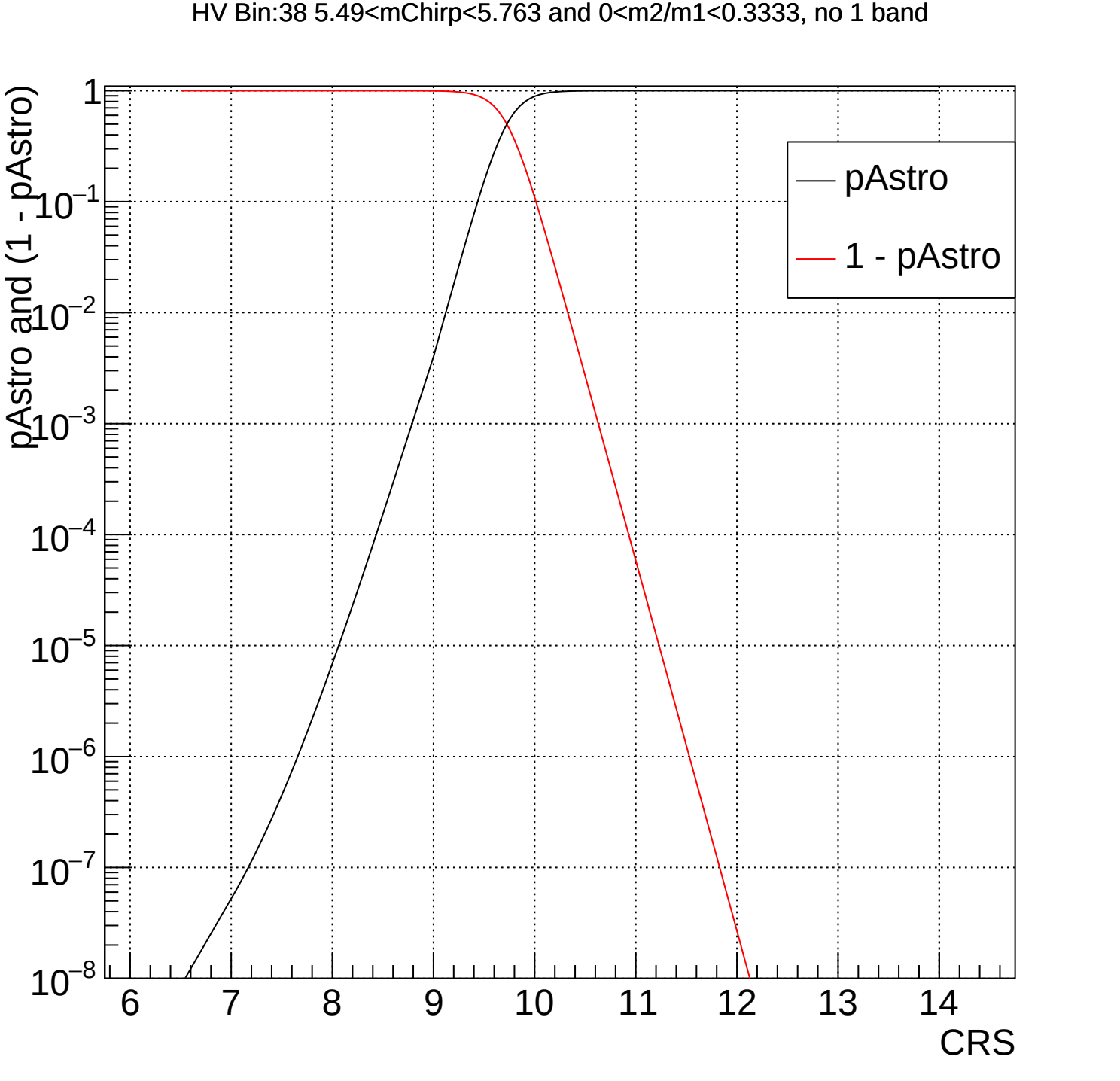
HV Bin:38 5.49<mChirp<5.763 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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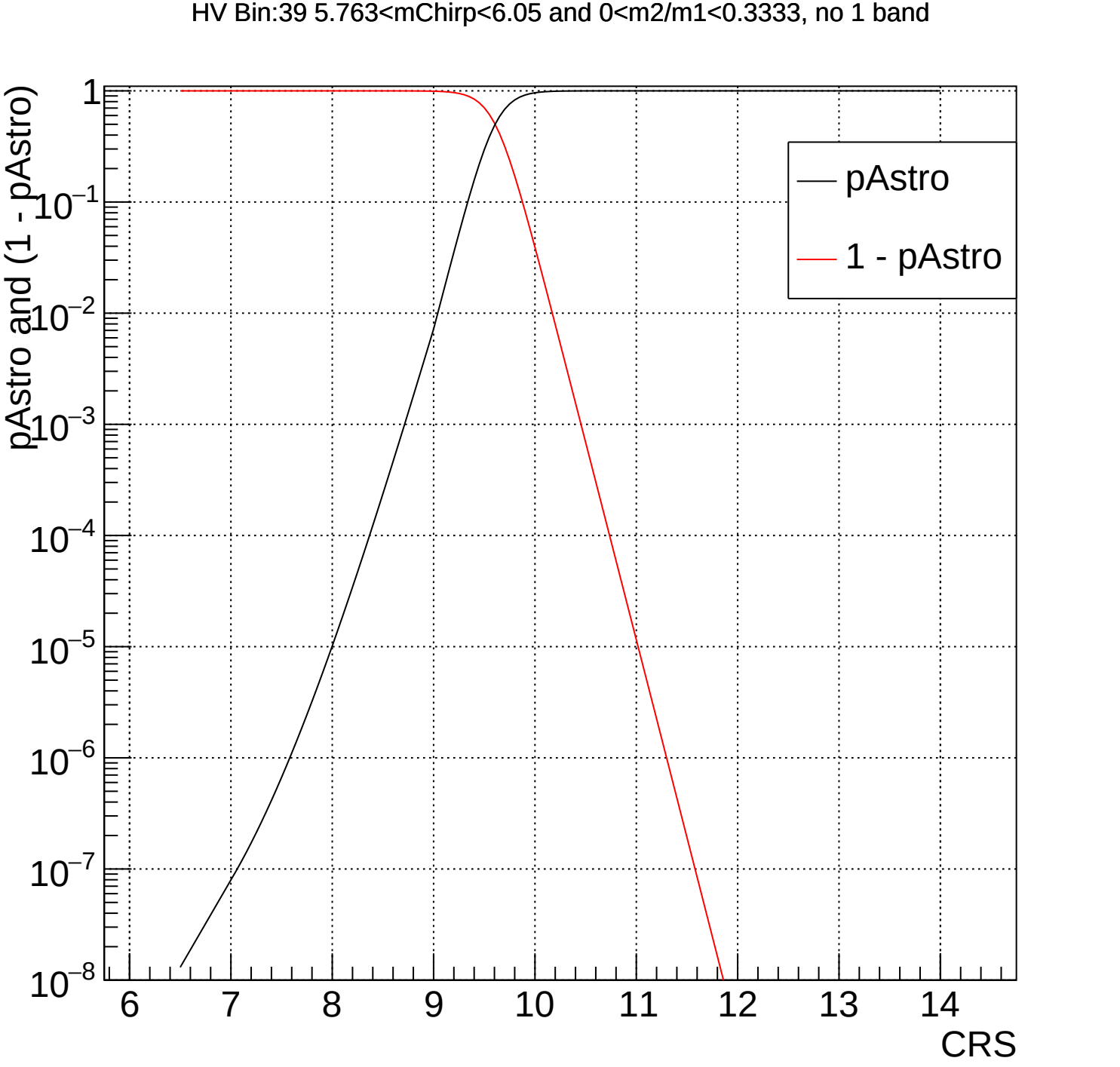
HV Bin:39 5.763<mChirp<6.05 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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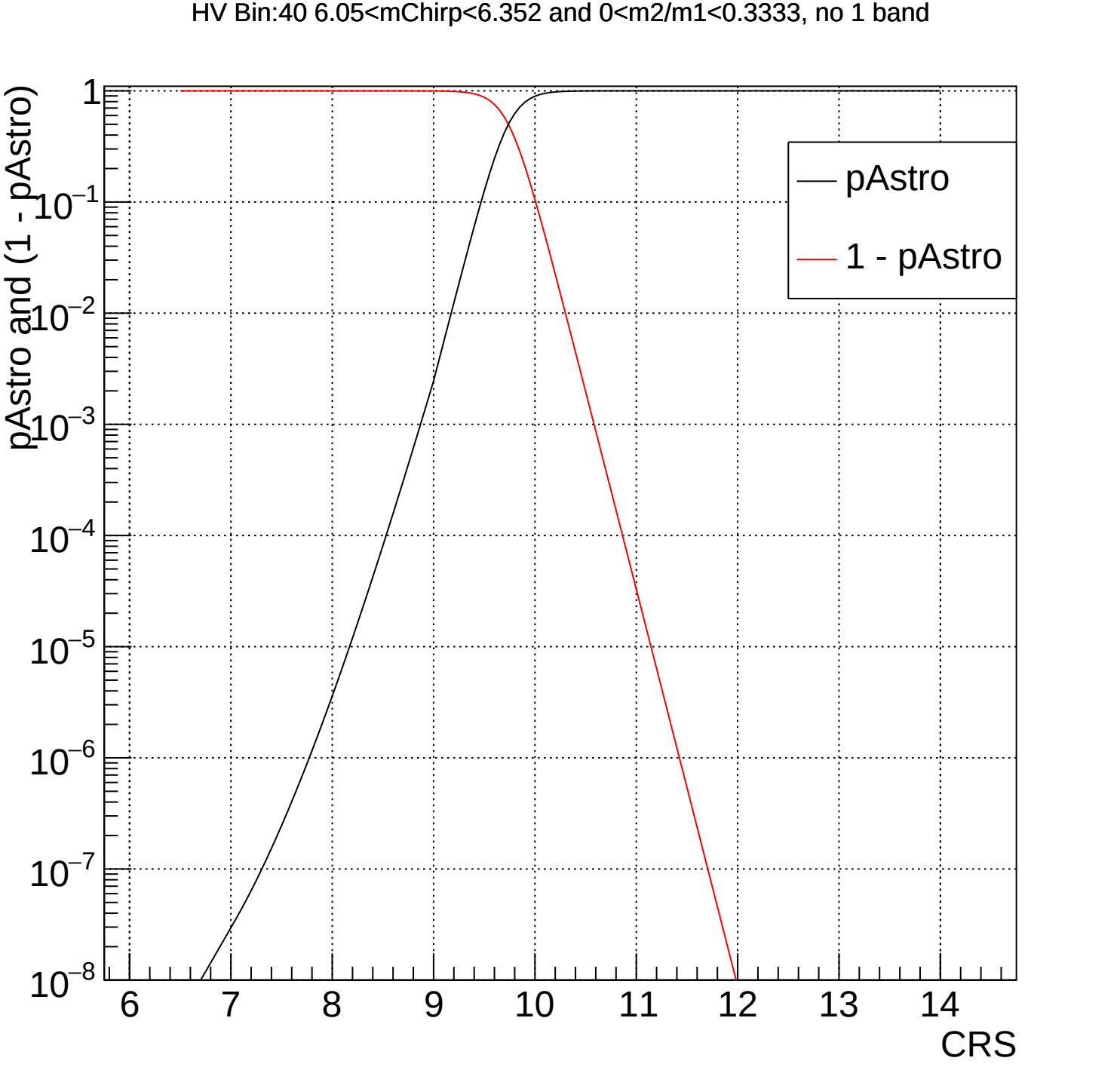
pAstro
1 - pAstro


HV Bin:40 6.05<mChirp<6.352 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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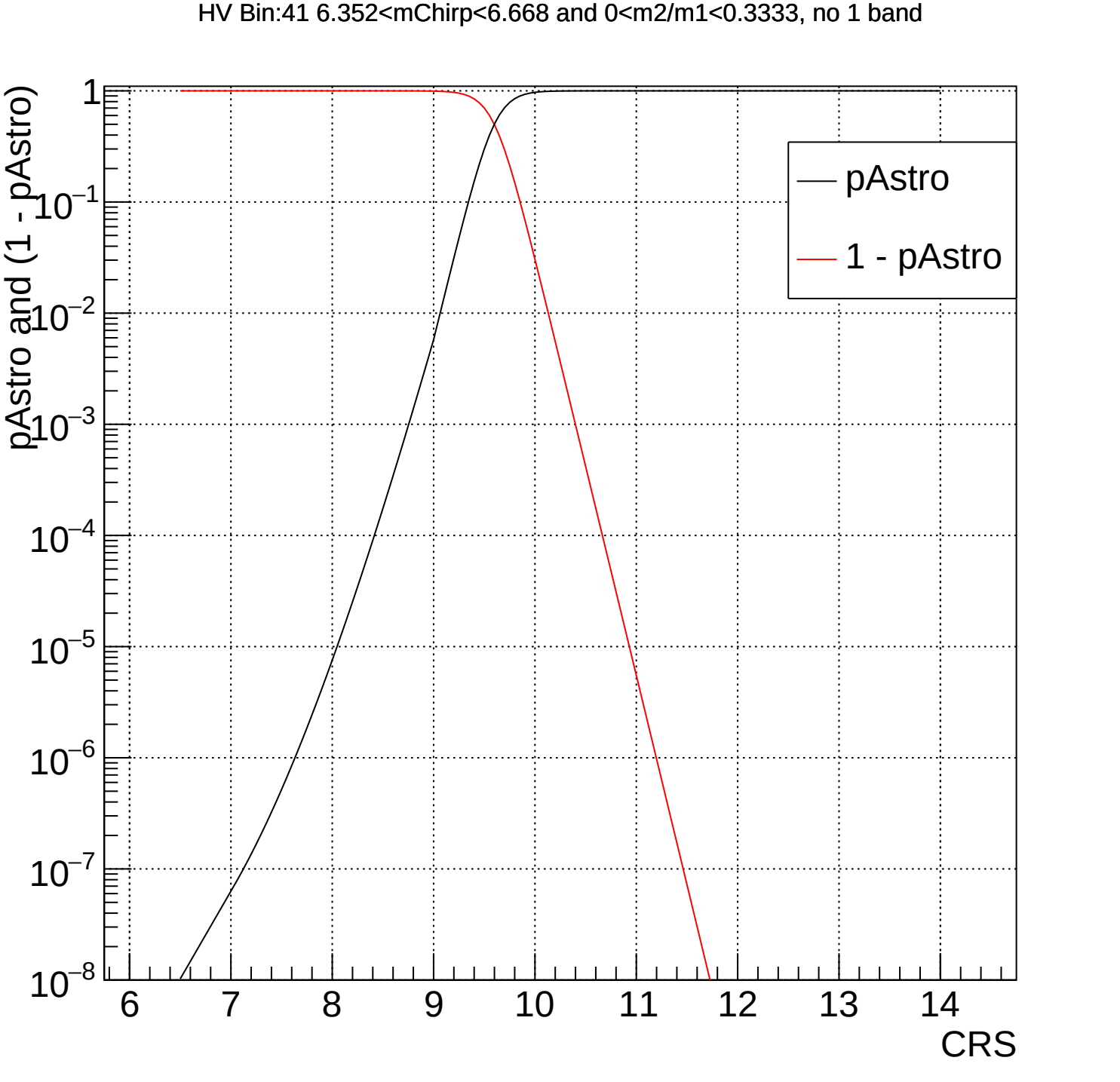
CRS
pAstro
1 - pAstro


HV Bin:41 6.352<mChirp<6.668 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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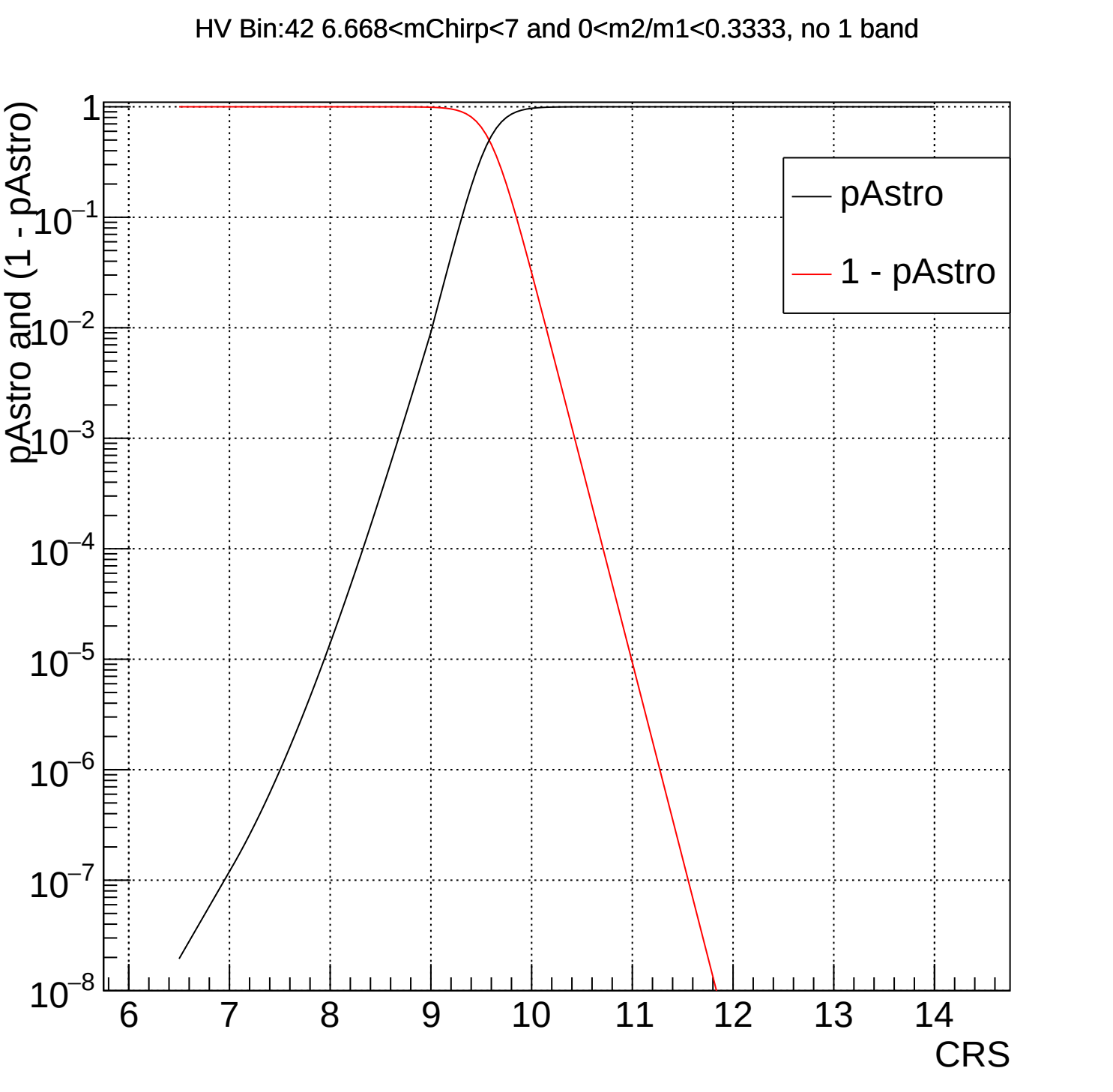
CRS
pAstro
1 - pAstro


HV Bin:42 6.668<mChirp<7 and 0<m2/m1<0.3333, no 1 band
pAstro and (1 - pAstro)
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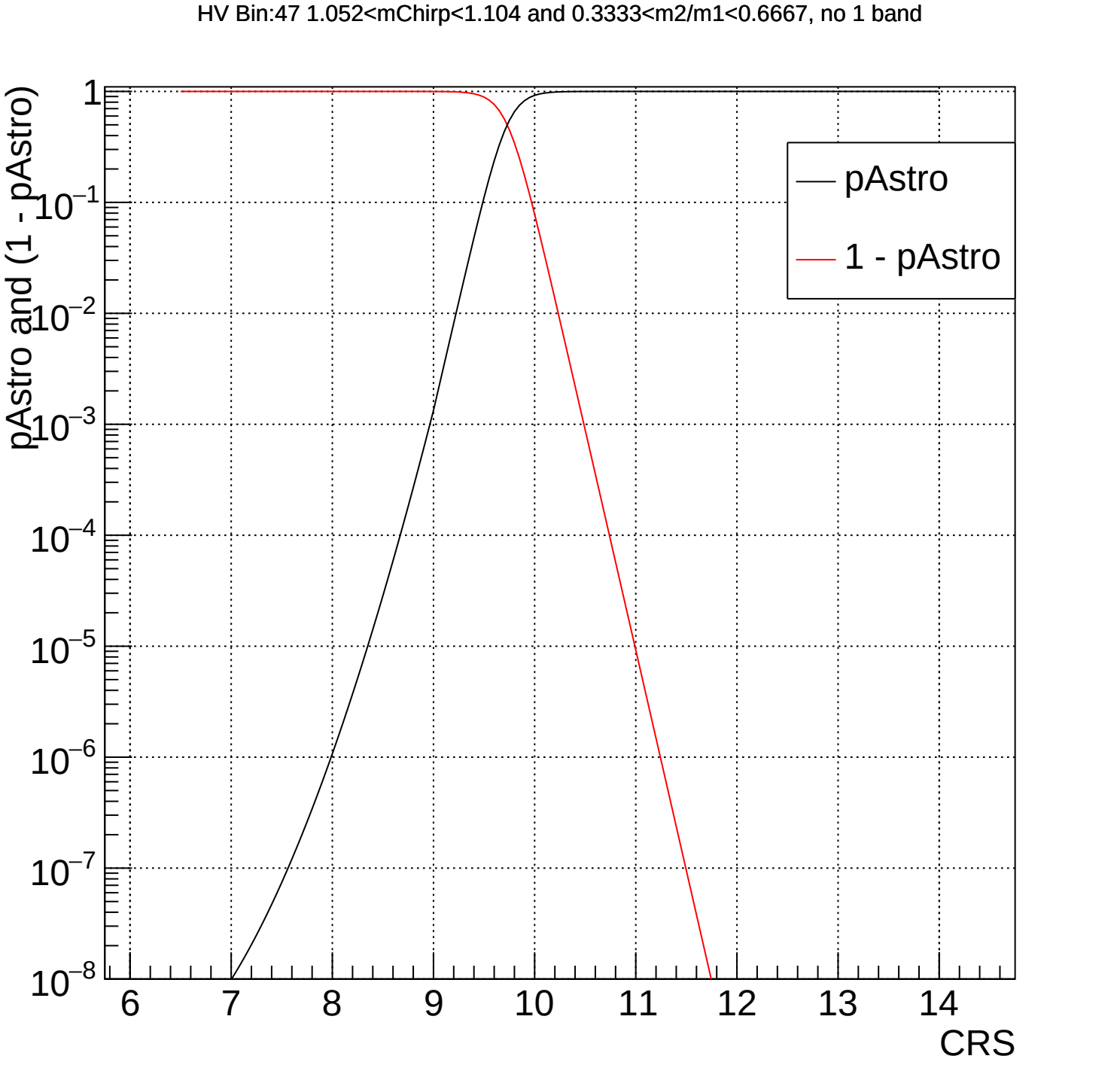
CRS
pAstro
1 - pAstro


HV Bin:47 1.052<mChirp<1.104 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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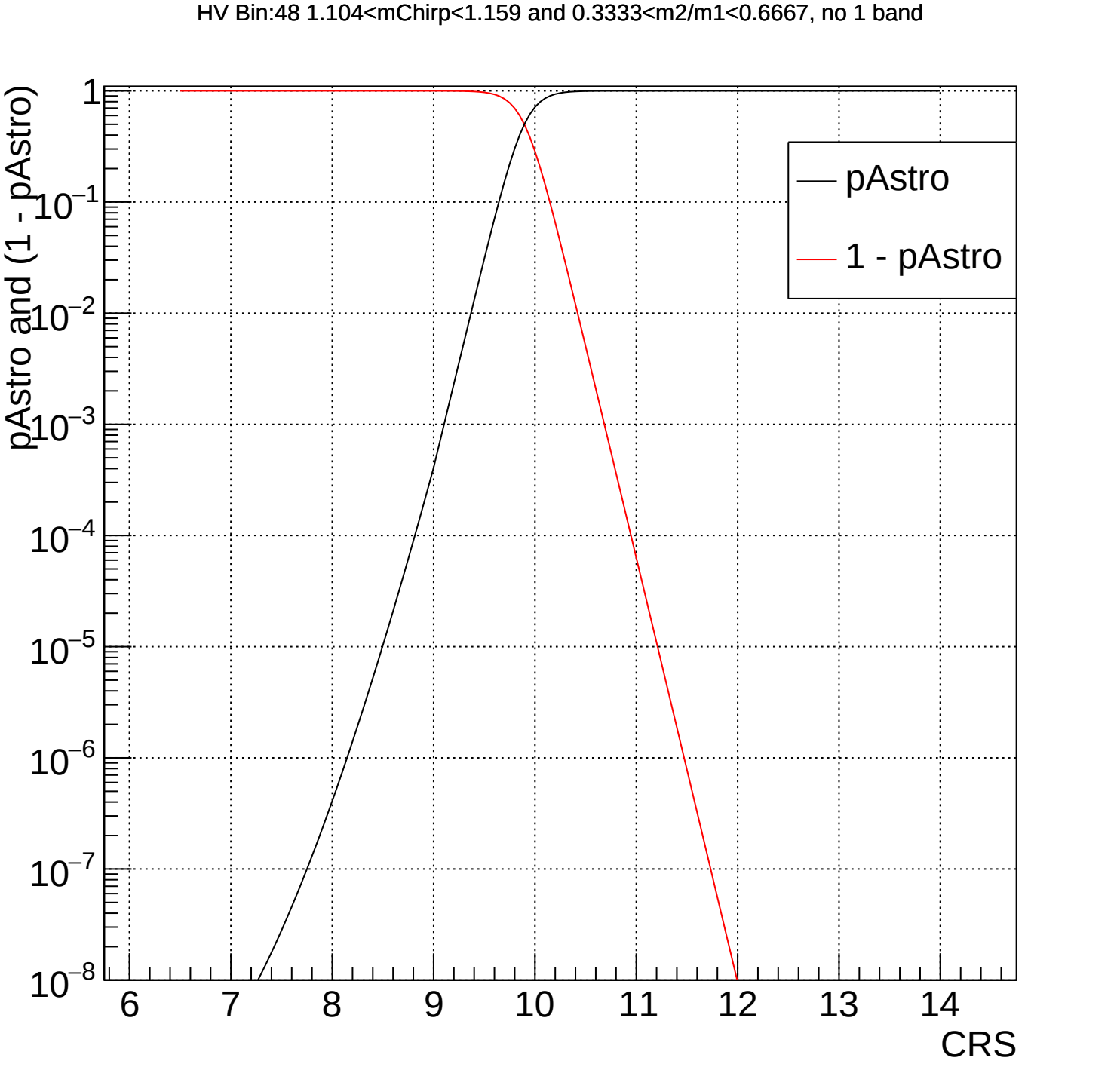
CRS
pAstro
1 - pAstro


HV Bin:48 1.104<mChirp<1.159 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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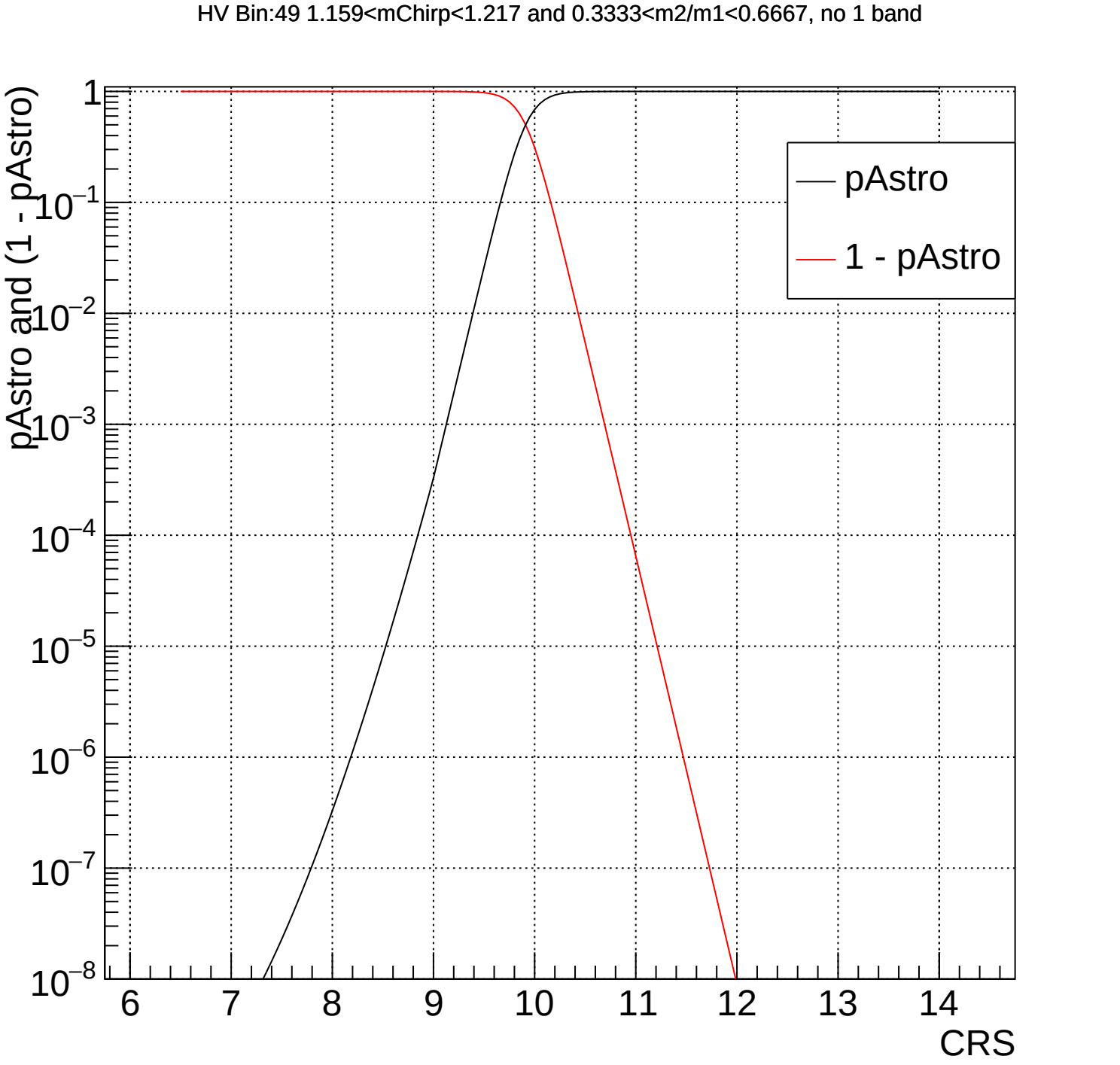
pAstro
1 - pAstro


HV Bin:49 1.159<mChirp<1.217 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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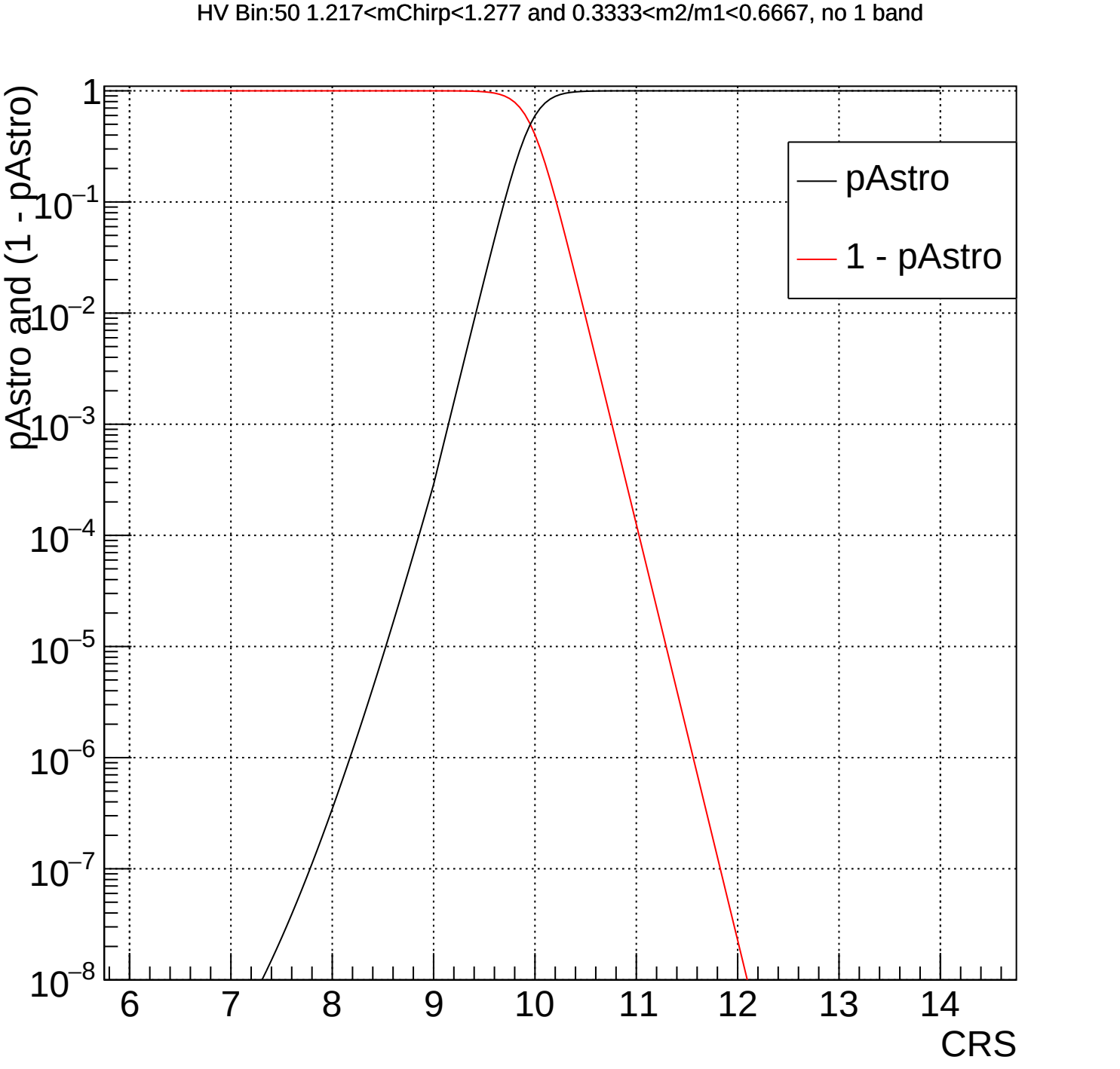
pAstro
1 - pAstro


HV Bin:50 1.217<mChirp<1.277 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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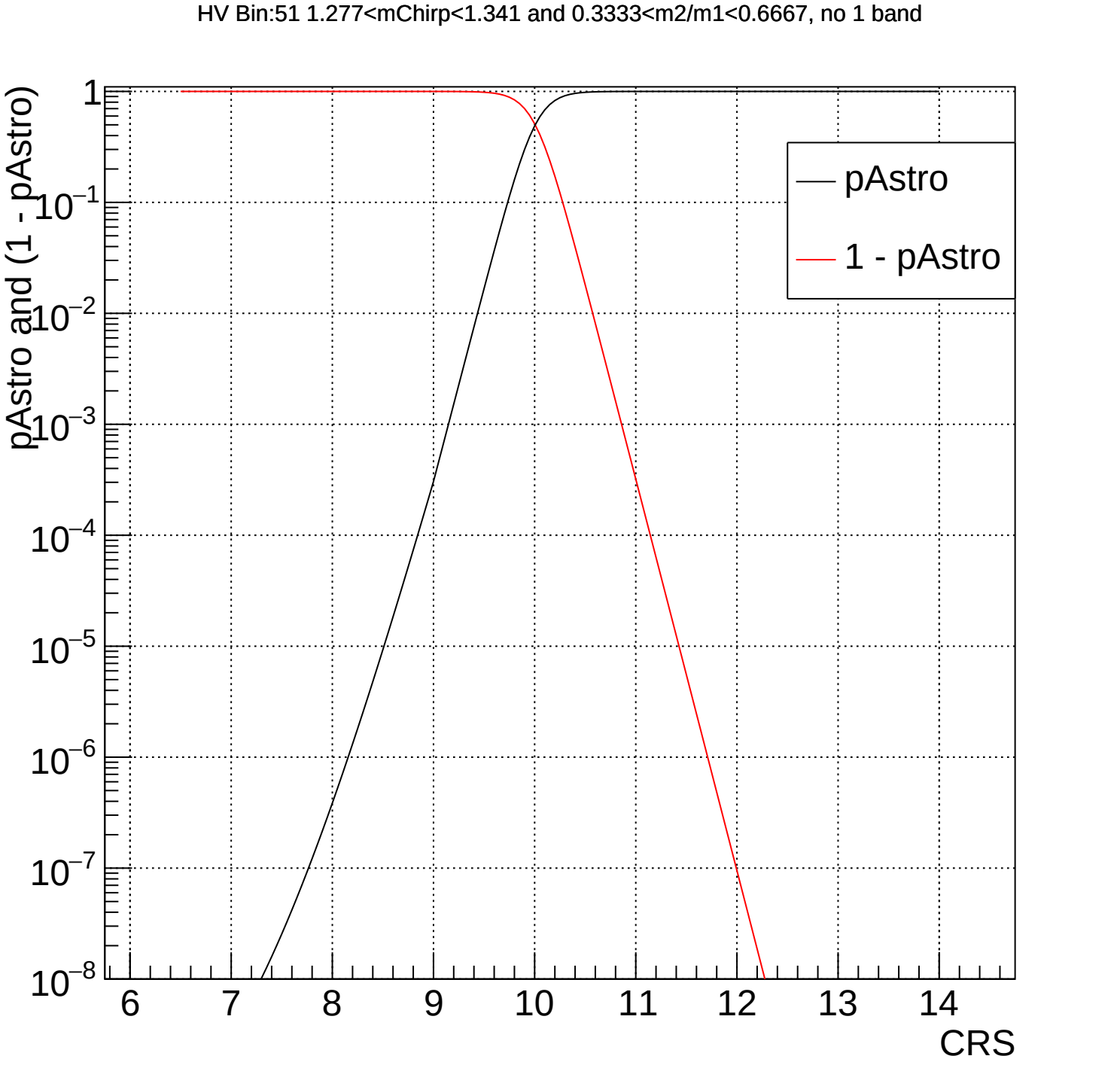
pAstro
1 - pAstro


HV Bin:51 1.277<mChirp<1.341 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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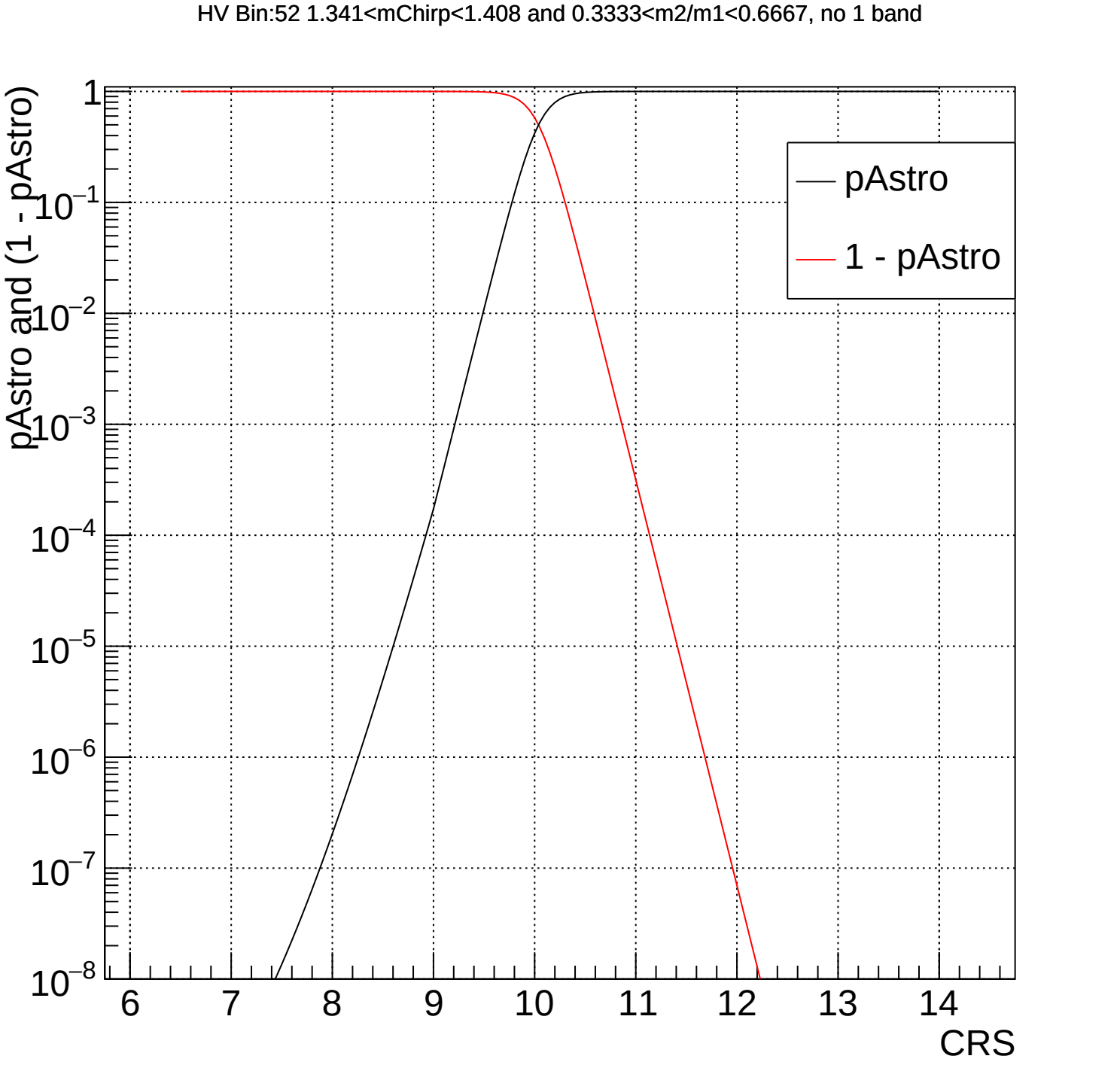
HV Bin:52 1.341<mChirp<1.408 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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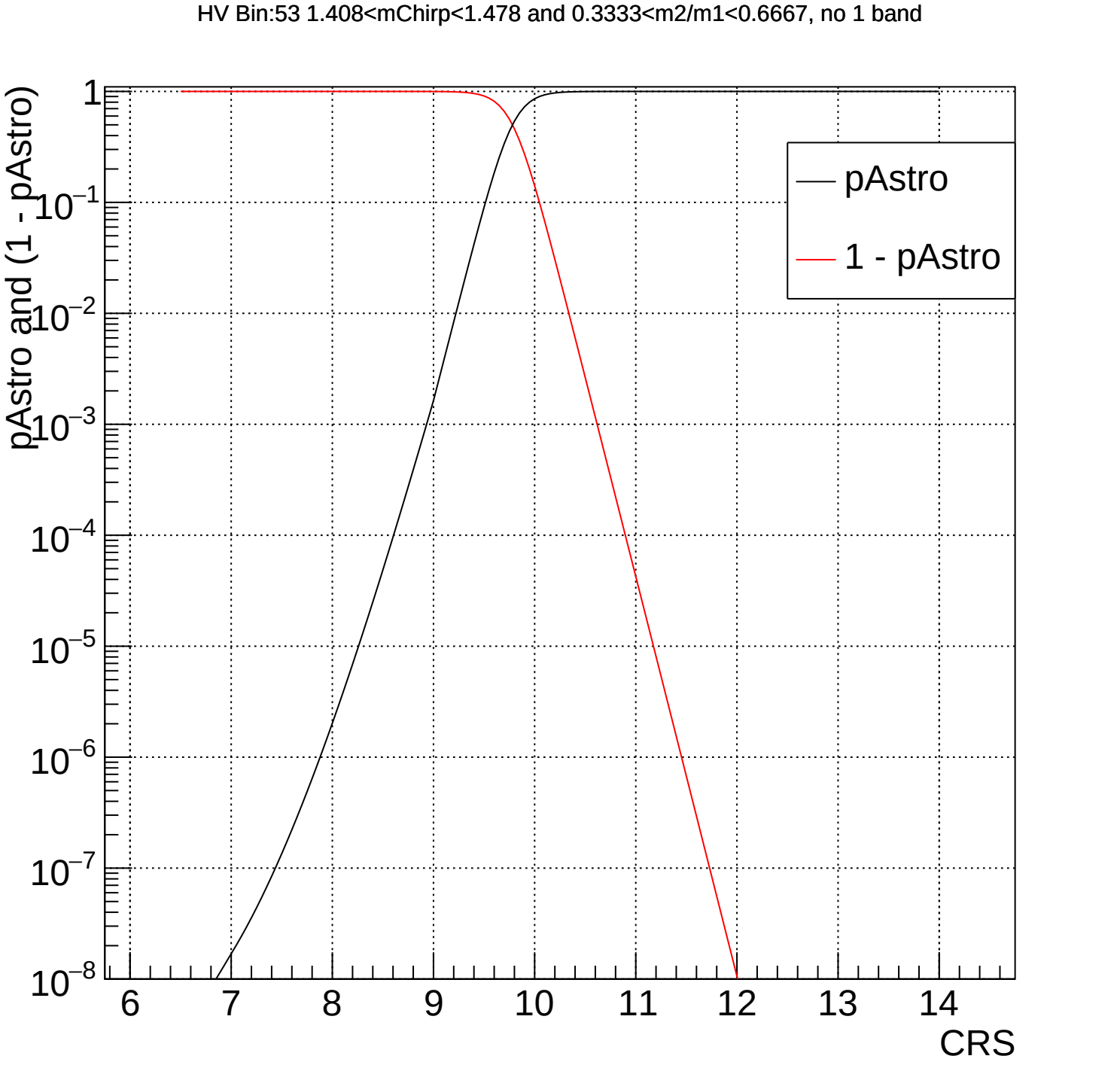
HV Bin:53 1.408<mChirp<1.478 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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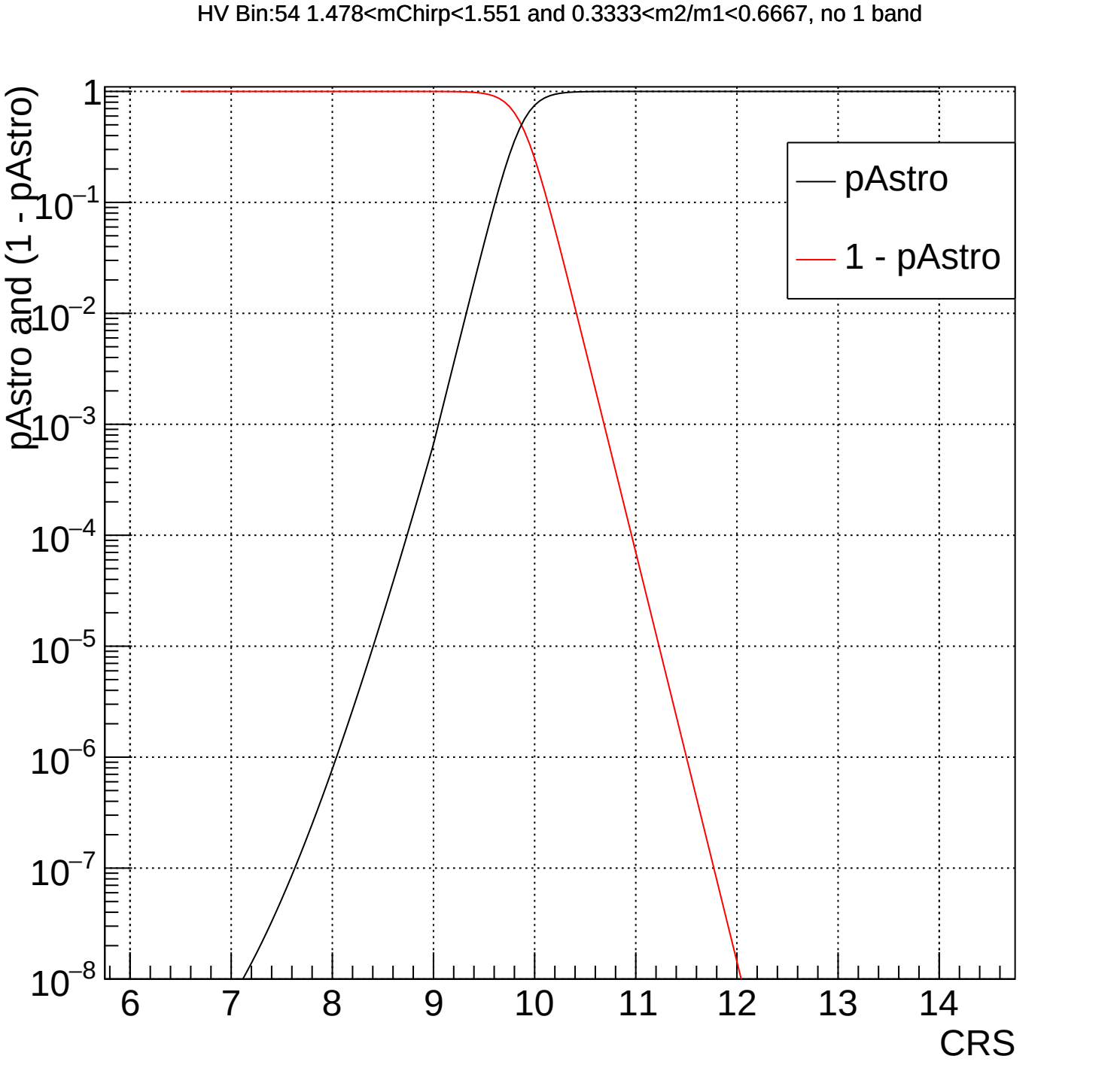
HV Bin:54 1.478<mChirp<1.551 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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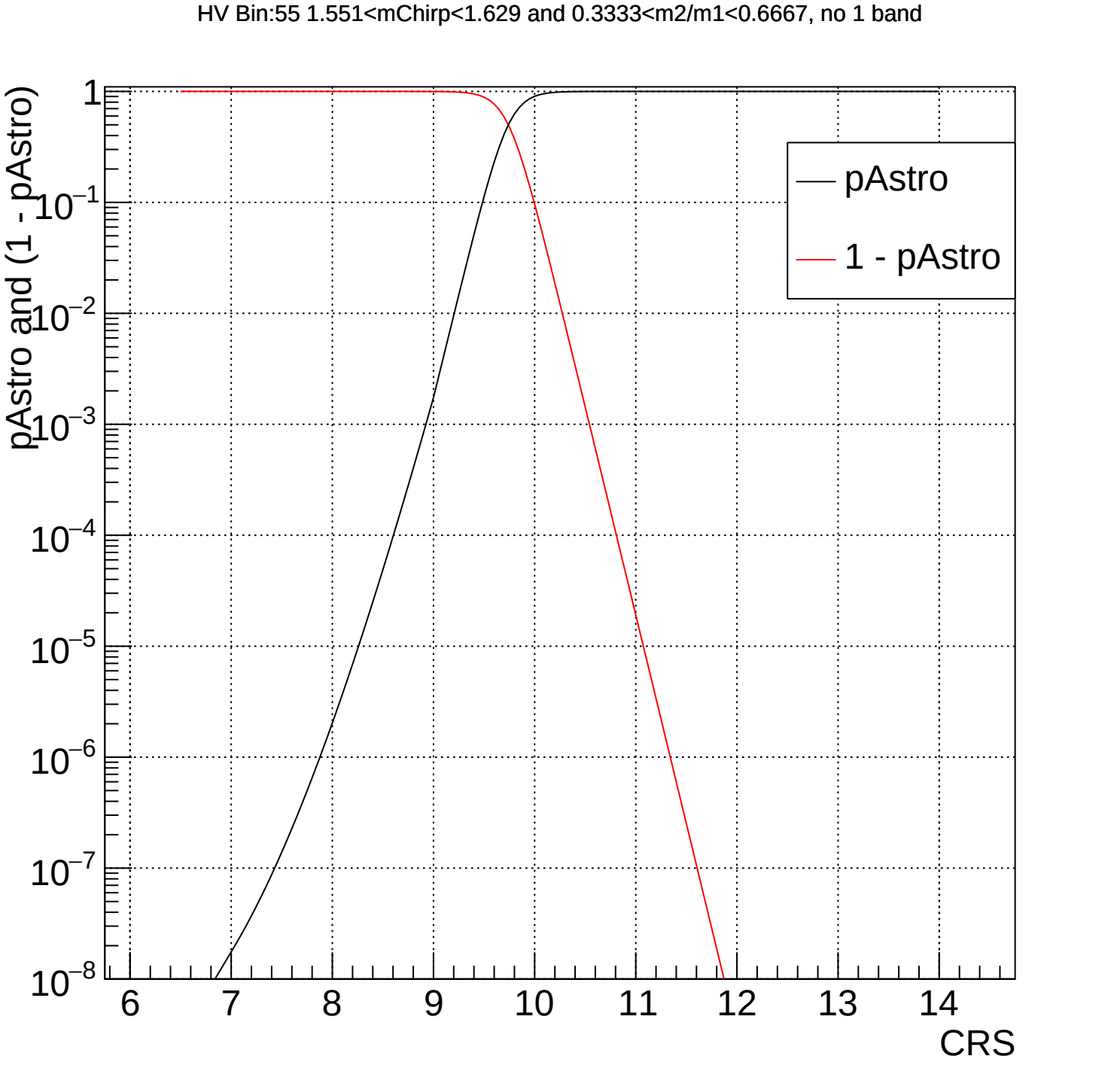
HV Bin:55 1.551<mChirp<1.629 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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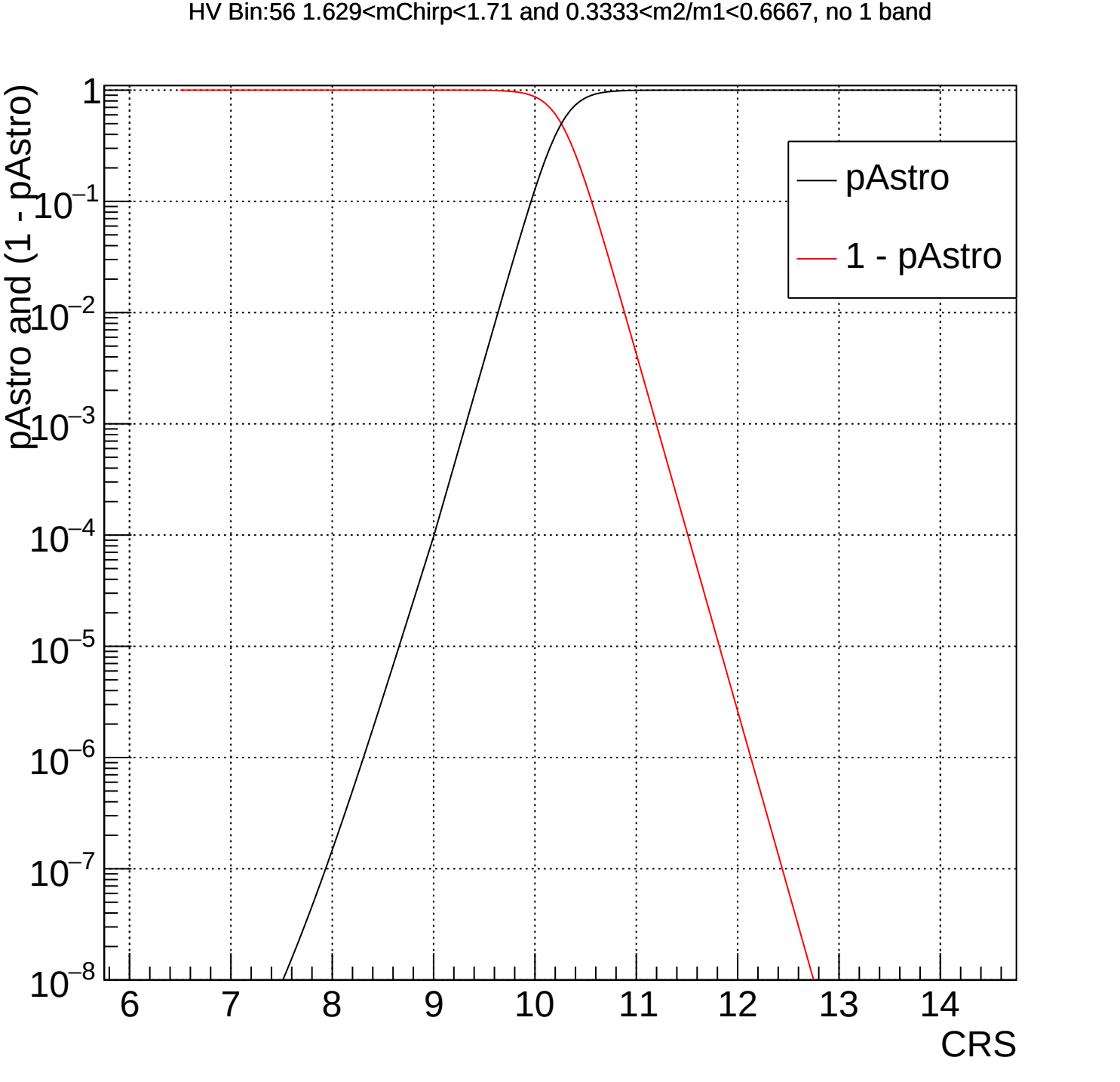
HV Bin:56 1.629<mChirp<1.71 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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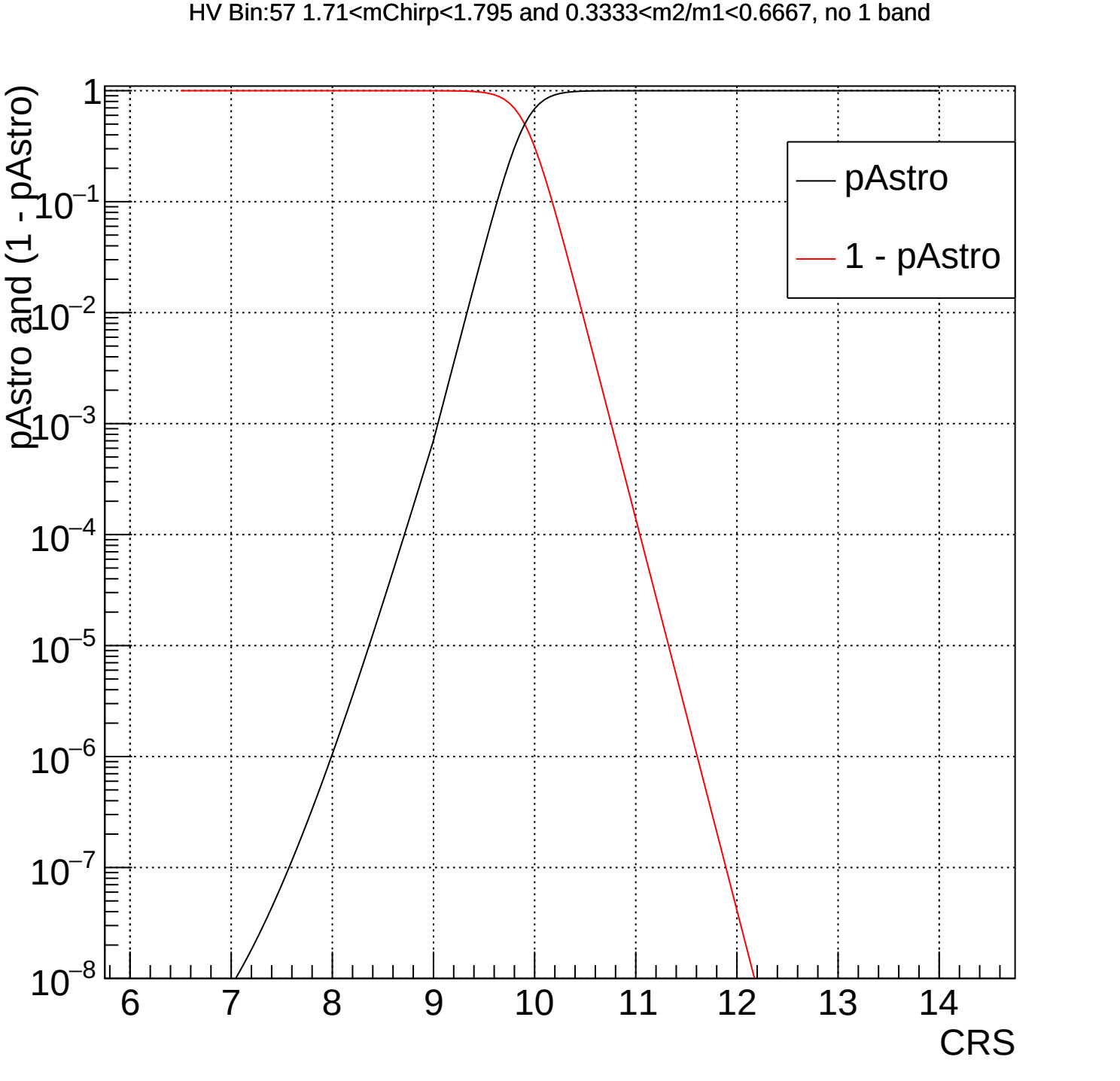
HV Bin:57 1.71<mChirp<1.795 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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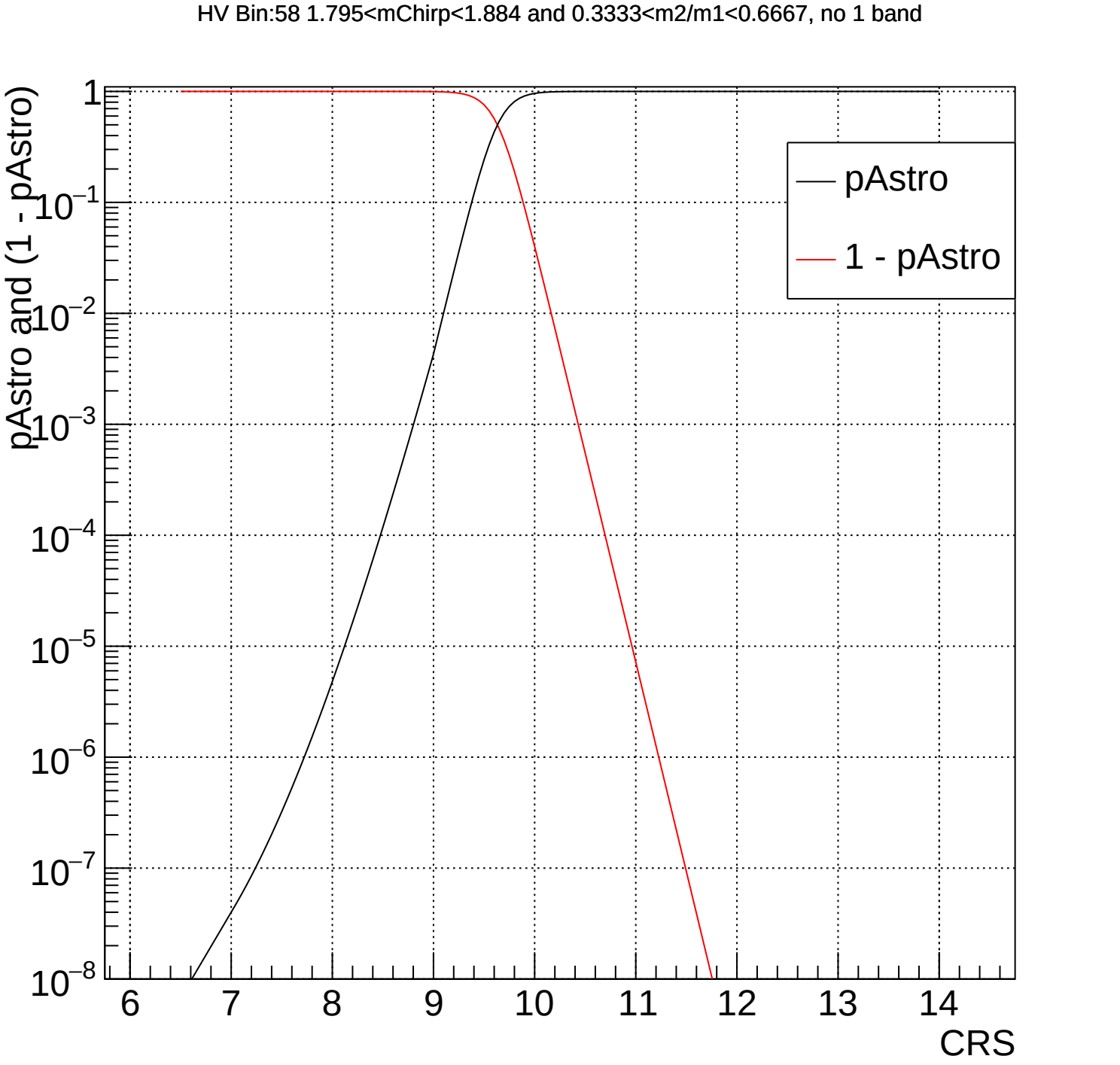
HV Bin:58 1.795<mChirp<1.884 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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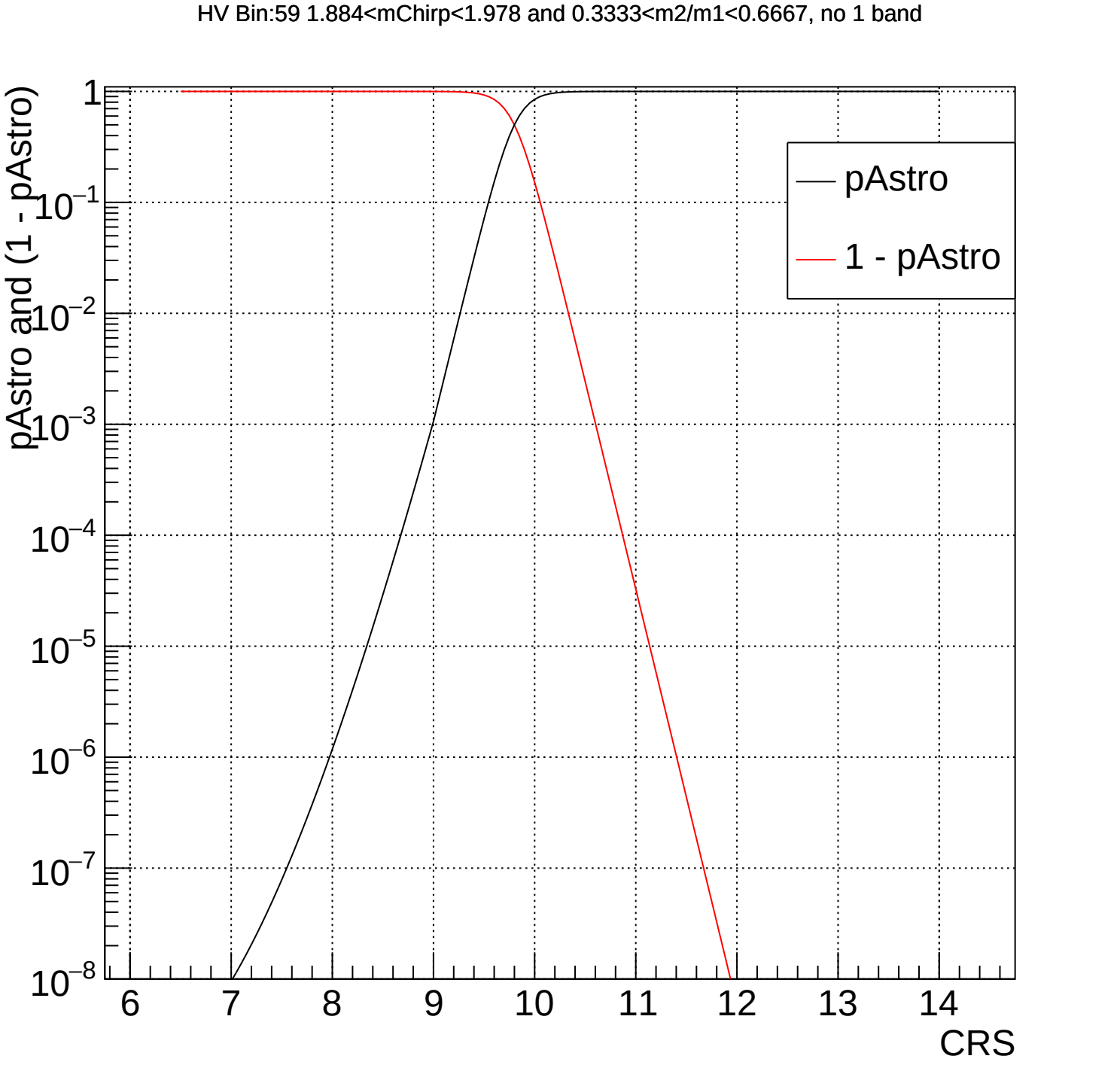
HV Bin:59 1.884<mChirp<1.978 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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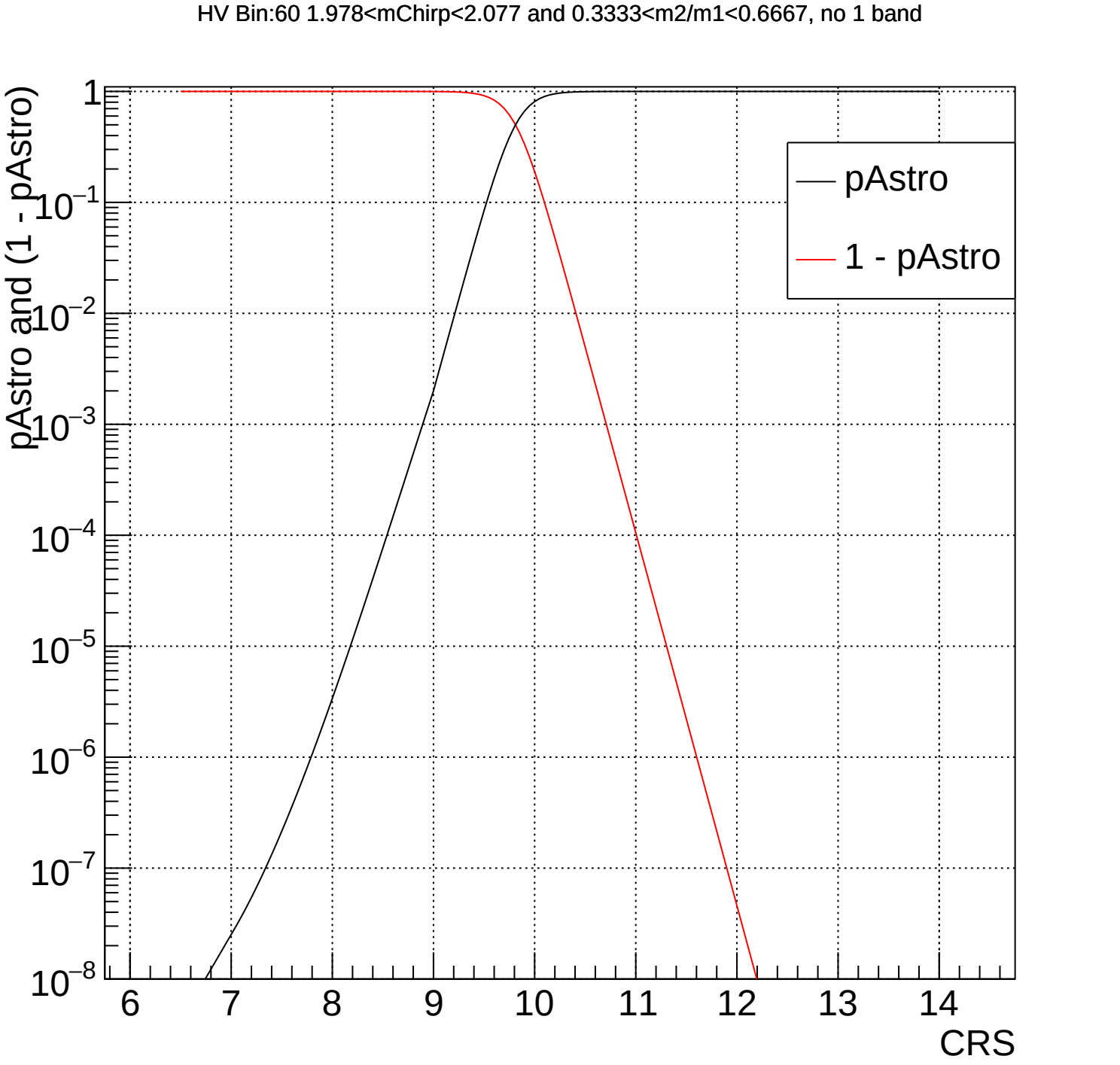
HV Bin:60 1.978<mChirp<2.077 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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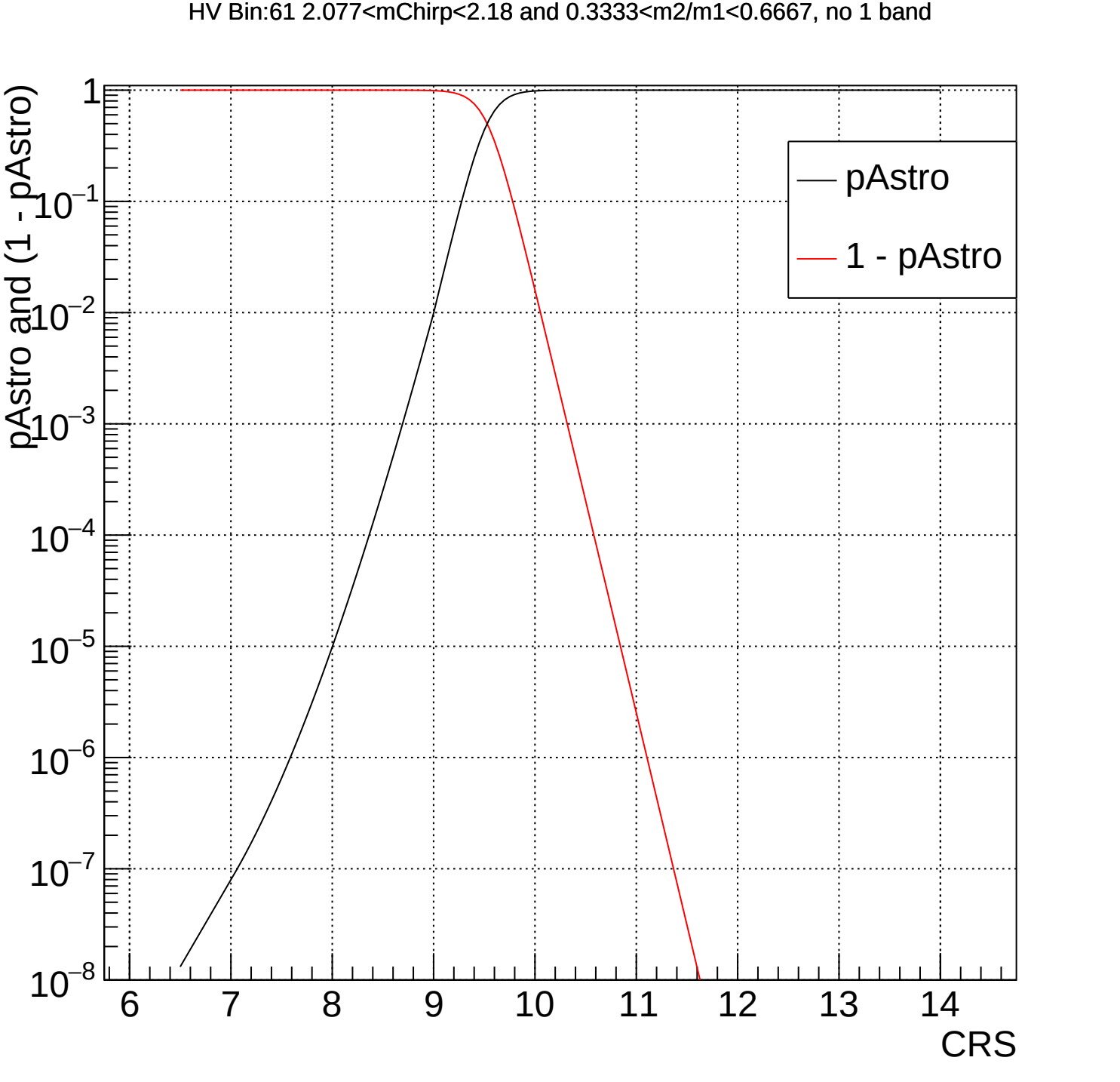
HV Bin:61 2.077<mChirp<2.18 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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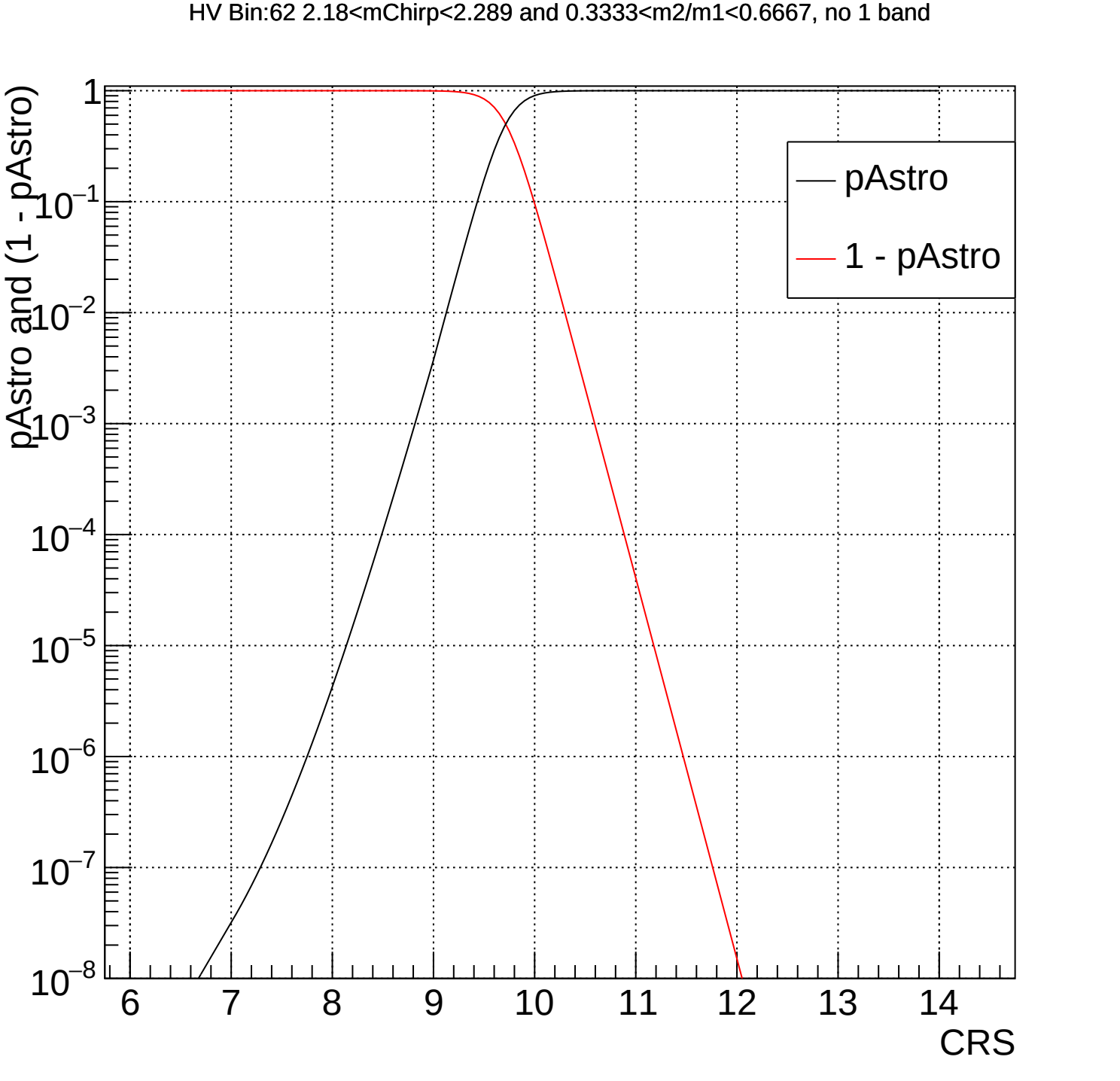
HV Bin:62 2.18<mChirp<2.289 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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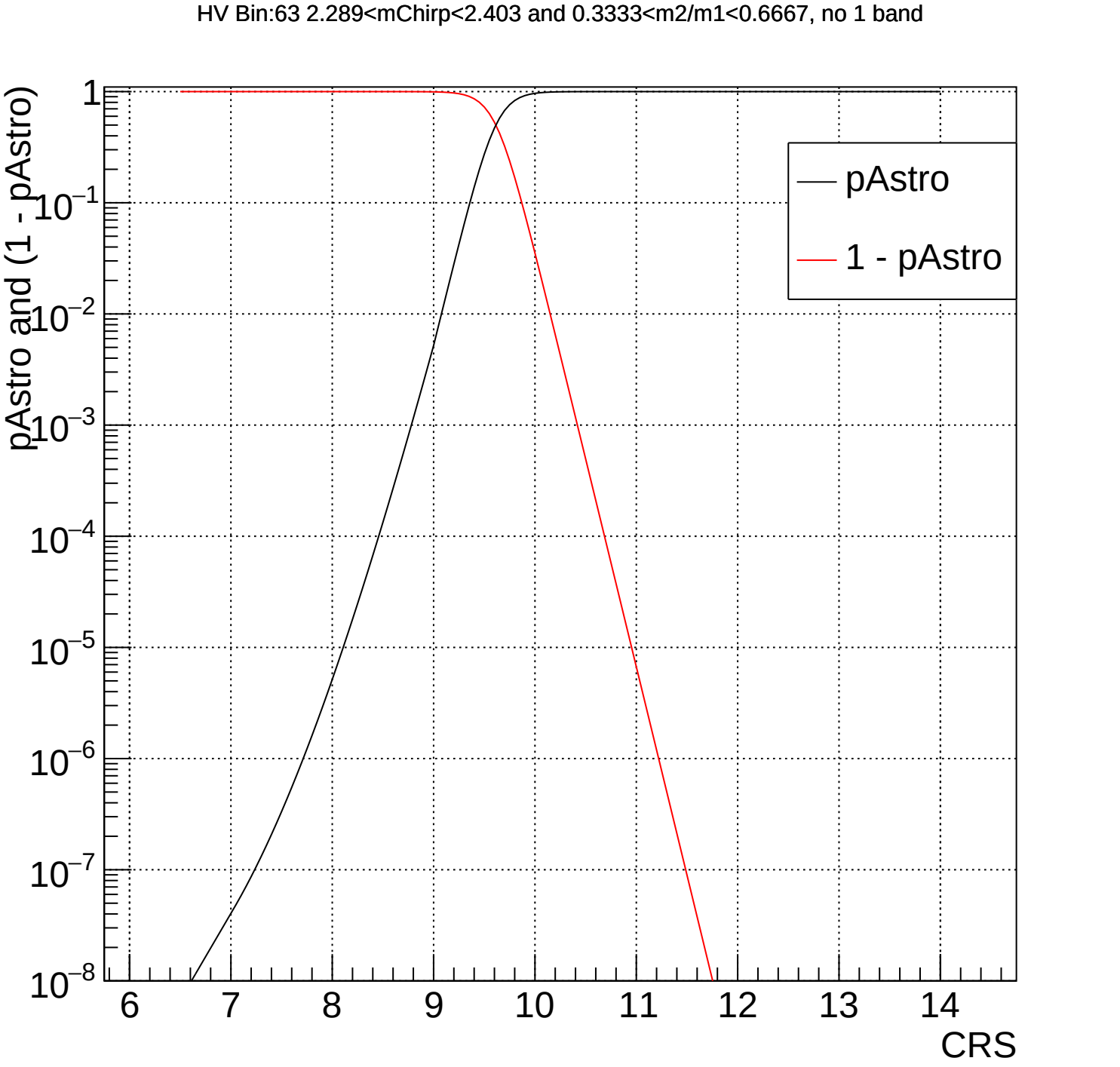
HV Bin:63 2.289<mChirp<2.403 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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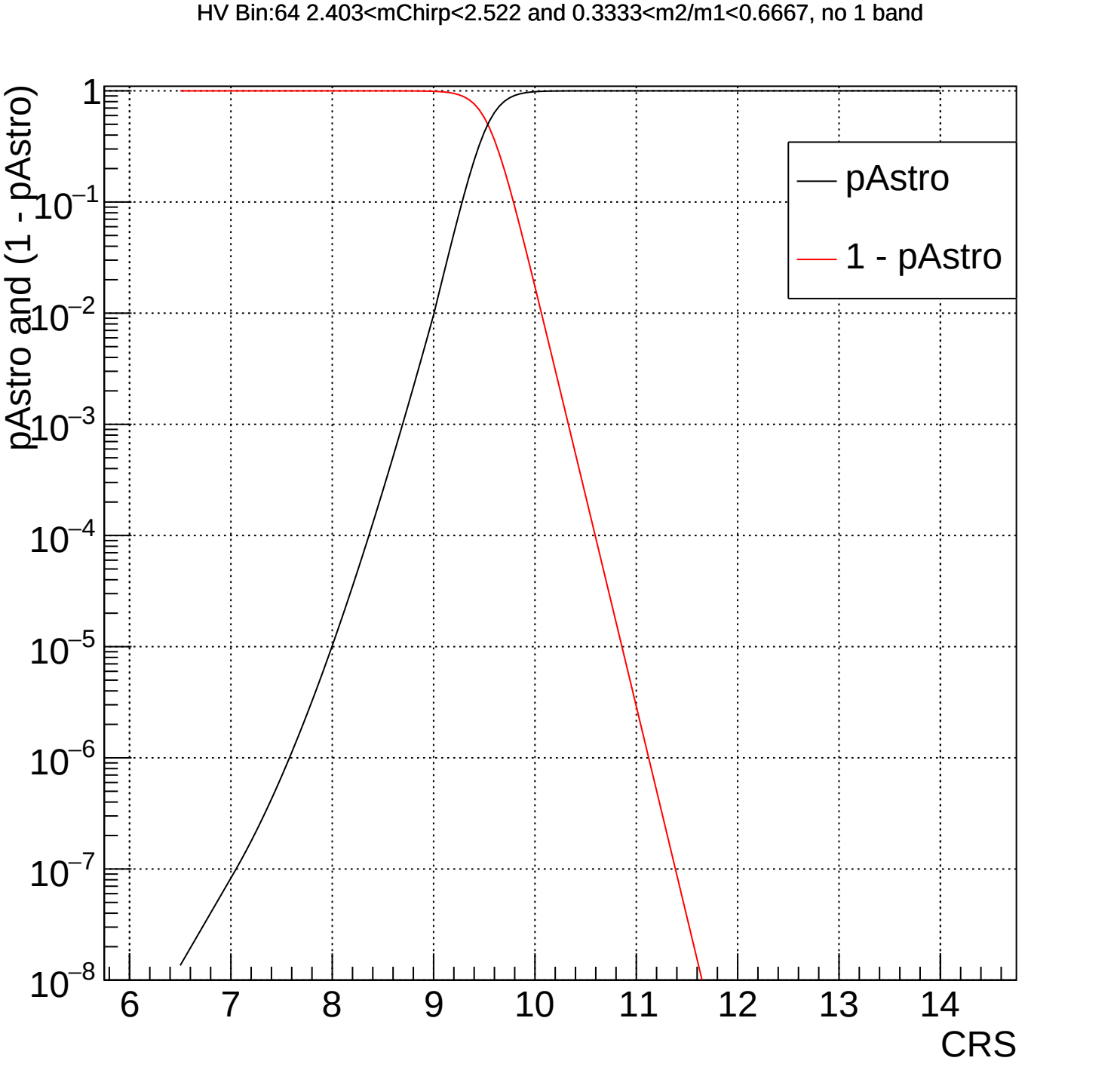
HV Bin:64 2.403<mChirp<2.522 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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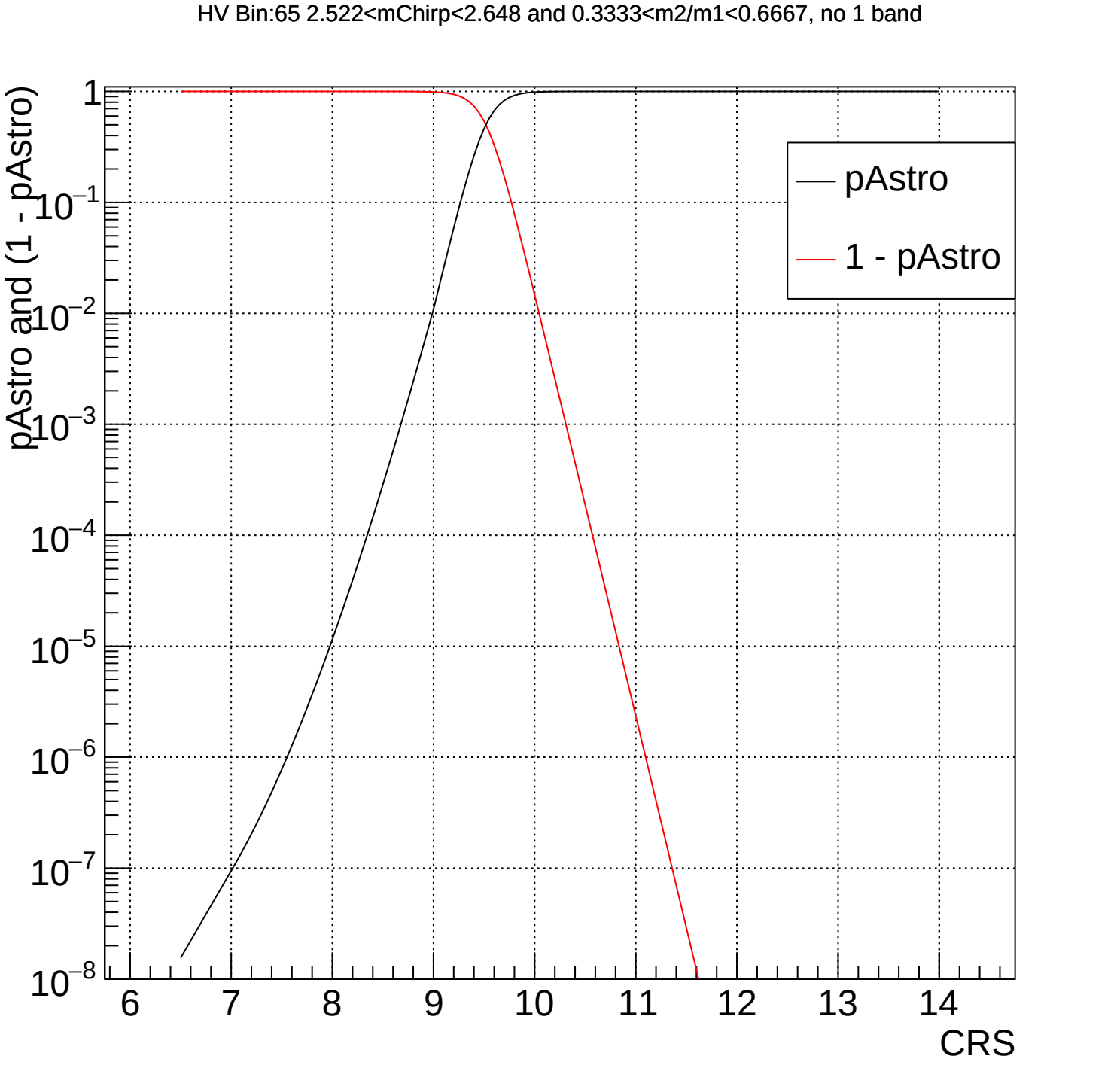
HV Bin:65 2.522<mChirp<2.648 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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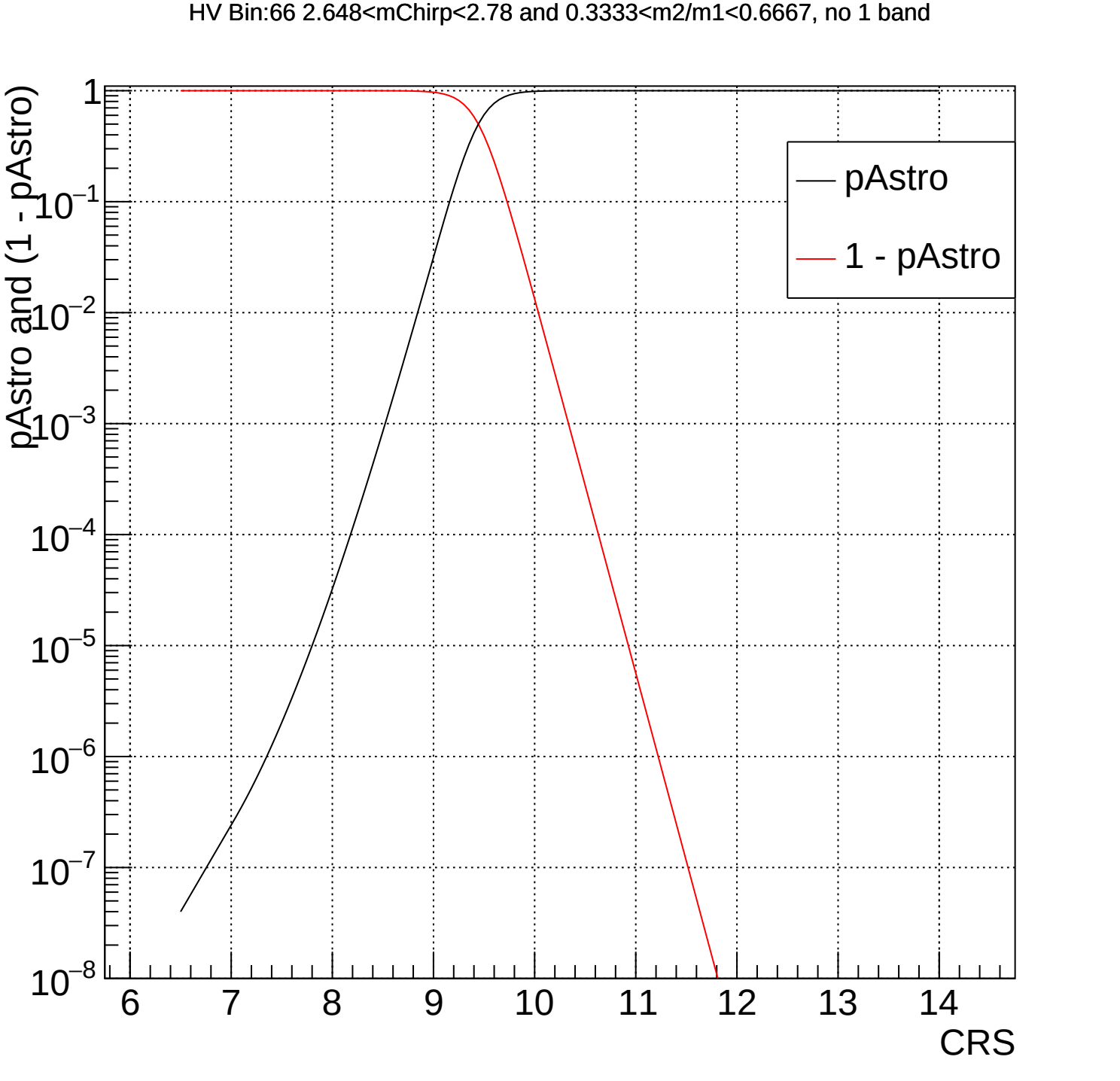
HV Bin:66 2.648<mChirp<2.78 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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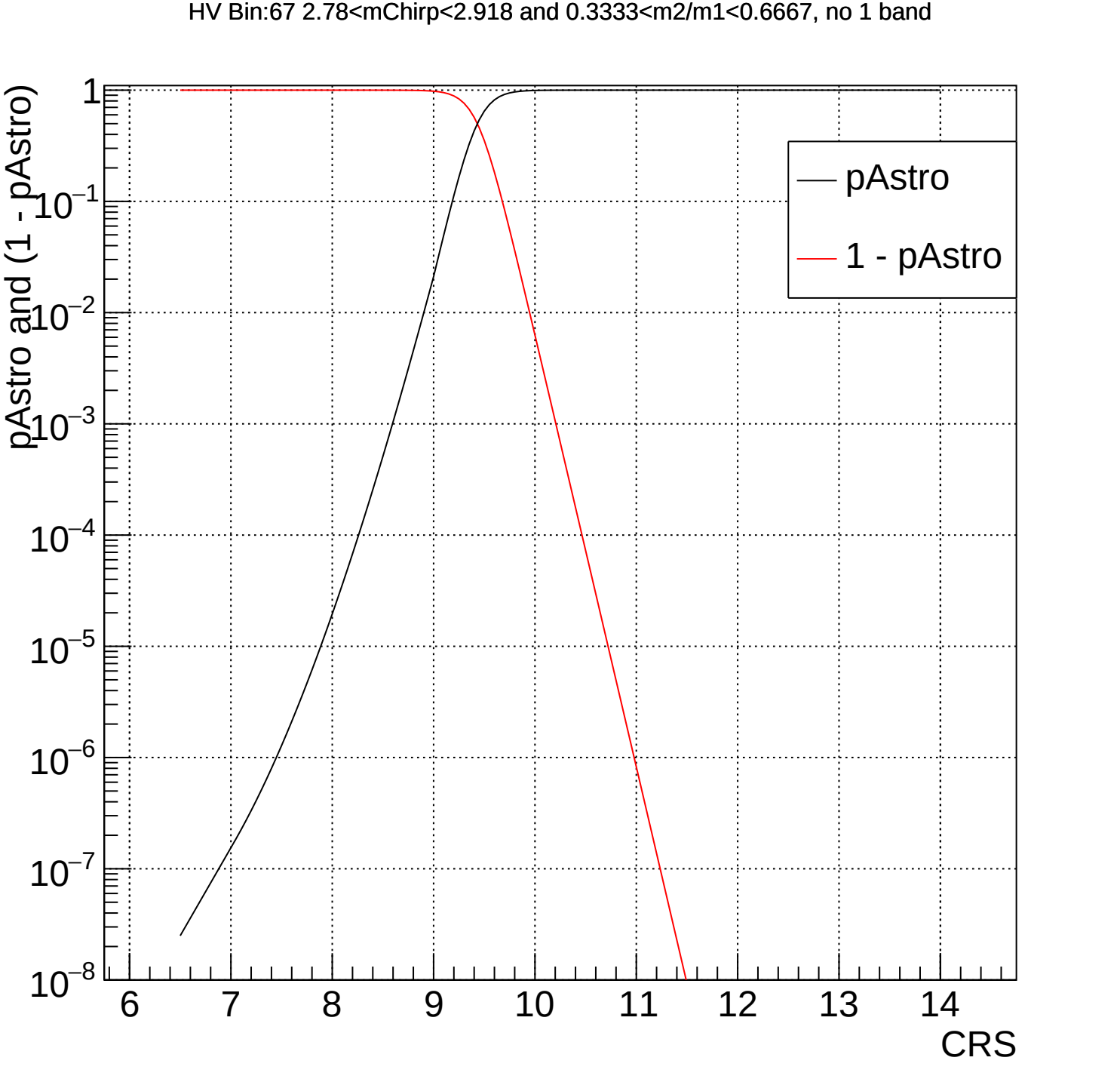
HV Bin:67 2.78<mChirp<2.918 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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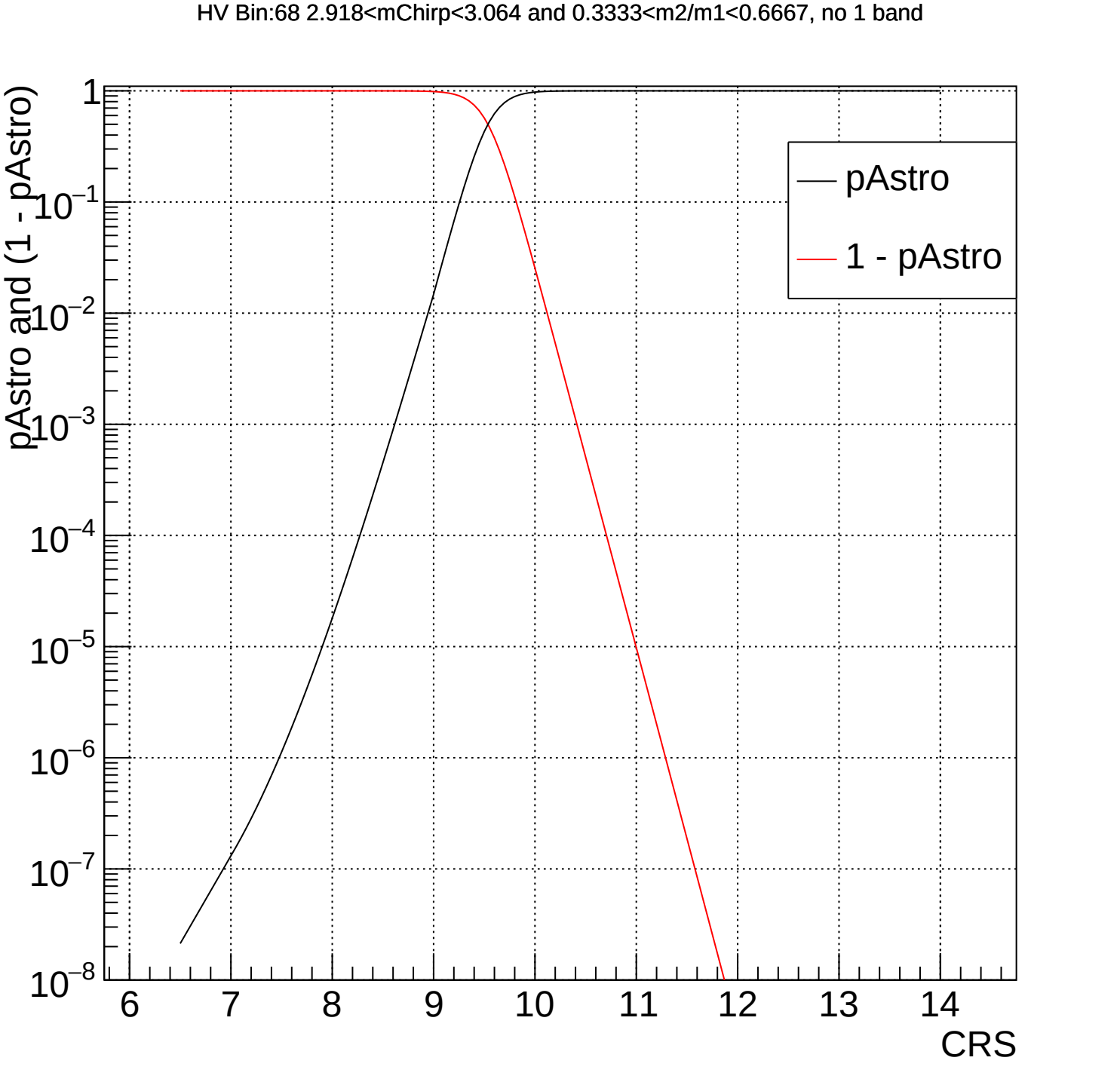
HV Bin:68 2.918<mChirp<3.064 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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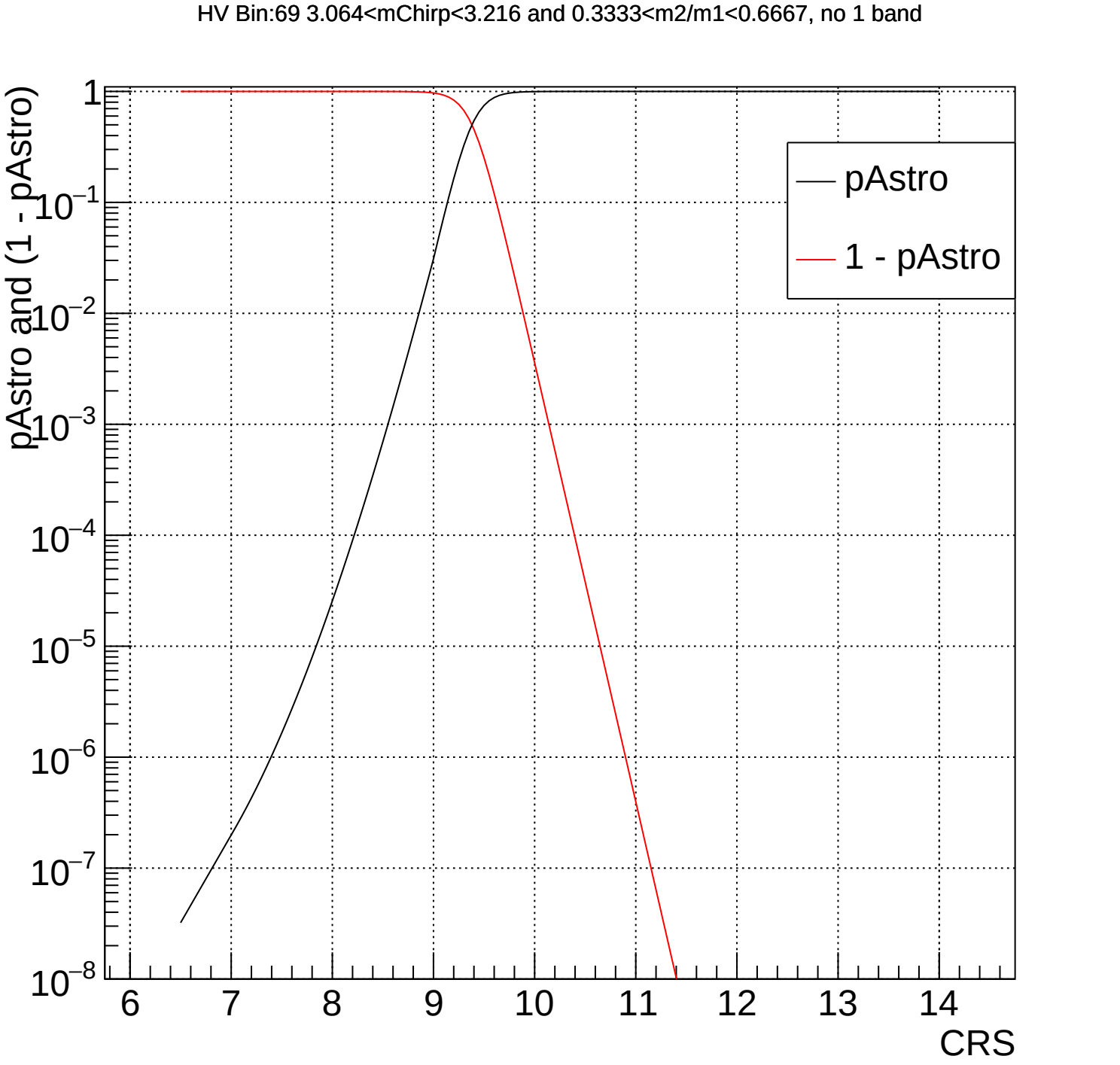
HV Bin:69 3.064<mChirp<3.216 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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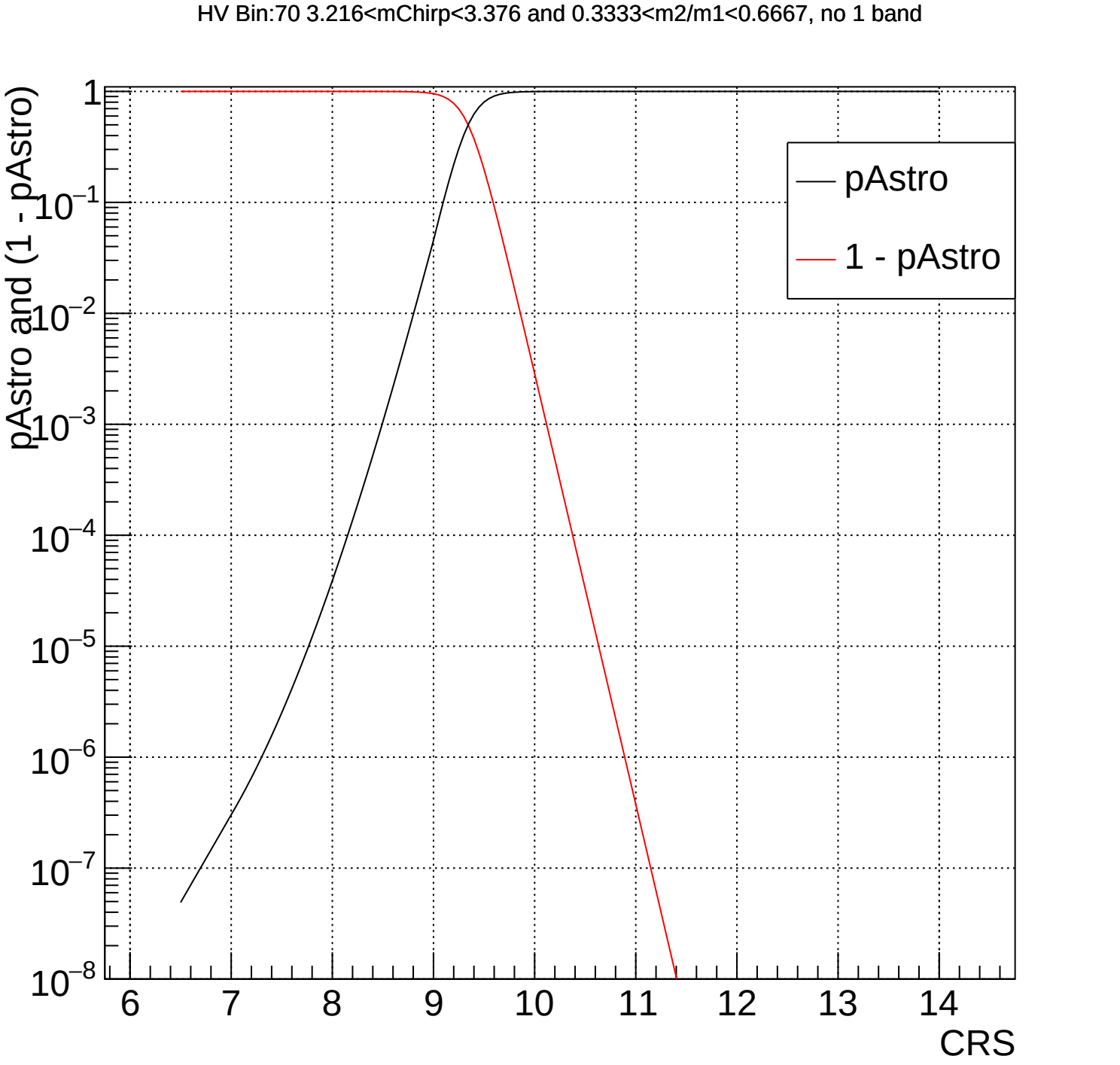
HV Bin:70 3.216<mChirp<3.376 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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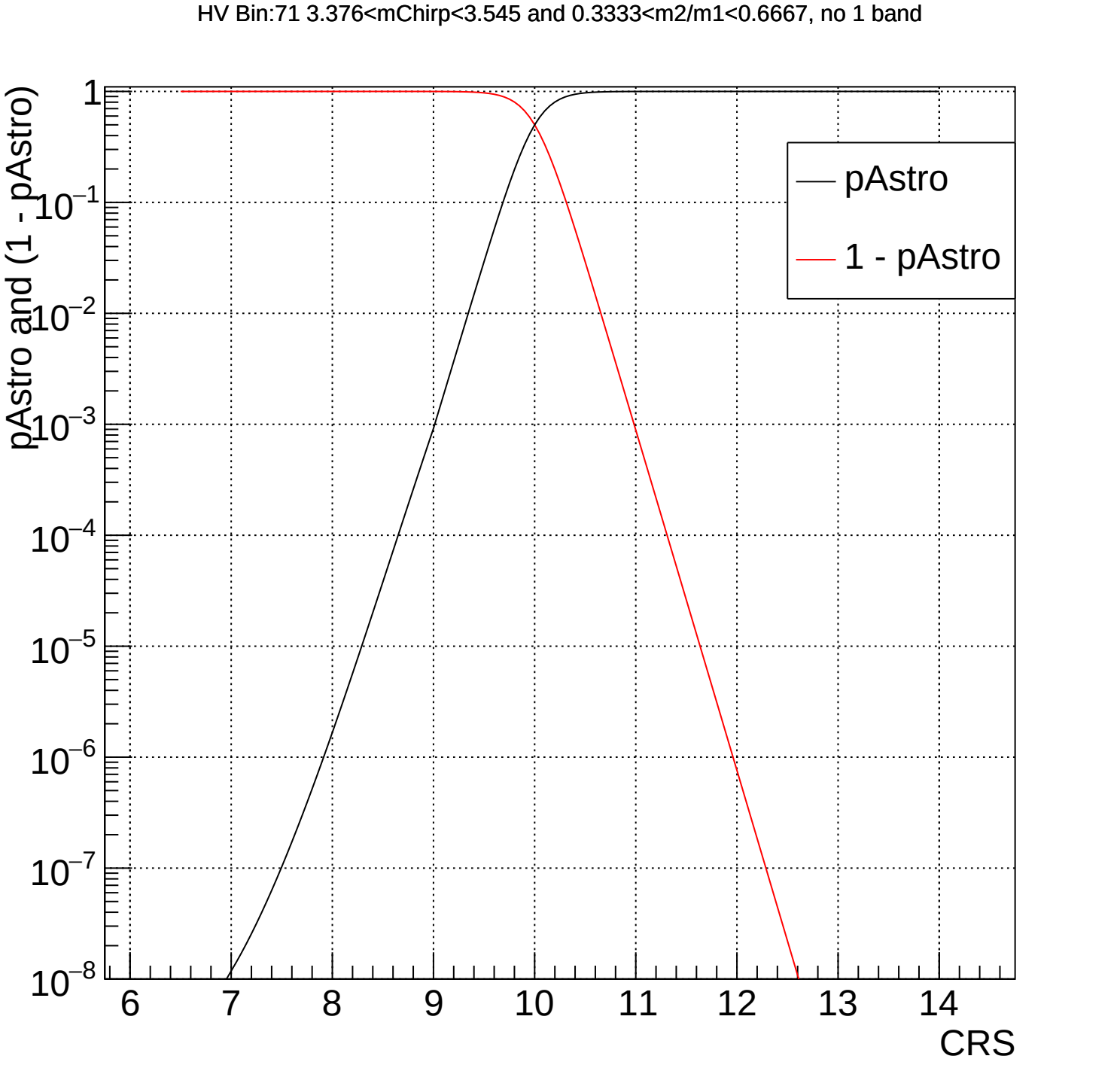
HV Bin:71 3.376<mChirp<3.545 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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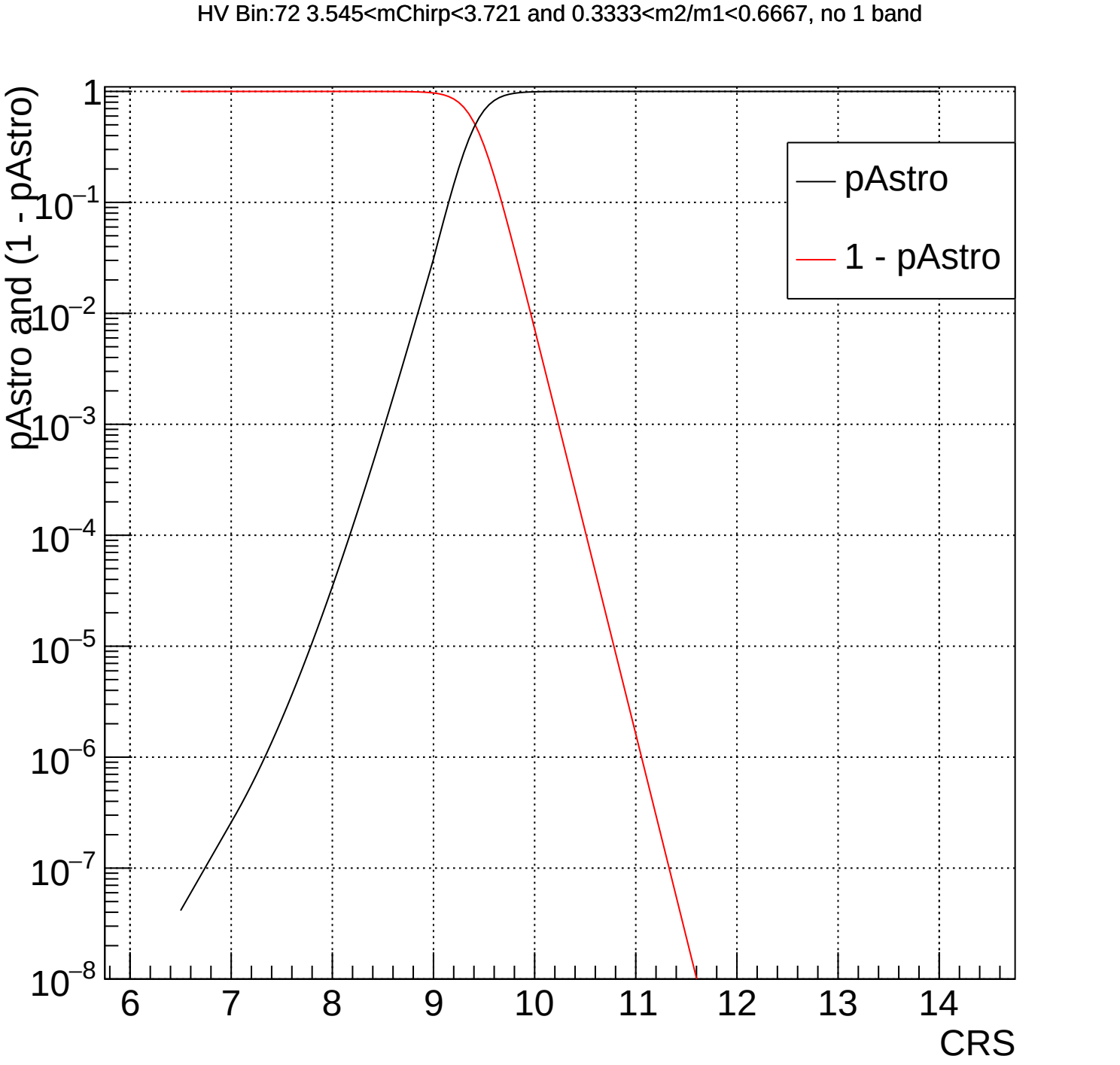
HV Bin:72 3.545<mChirp<3.721 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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pAstro
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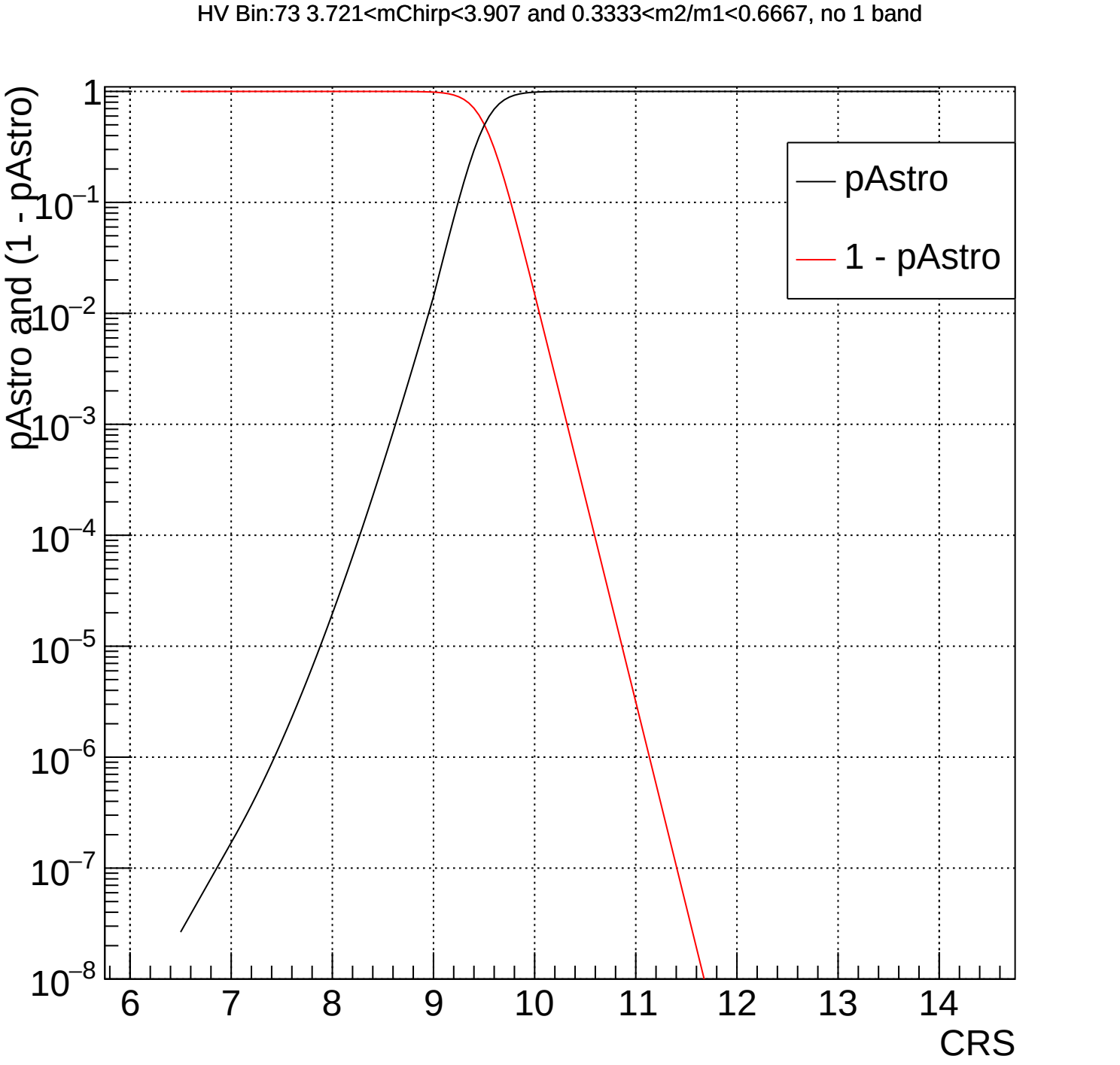
HV Bin:73 3.721<mChirp<3.907 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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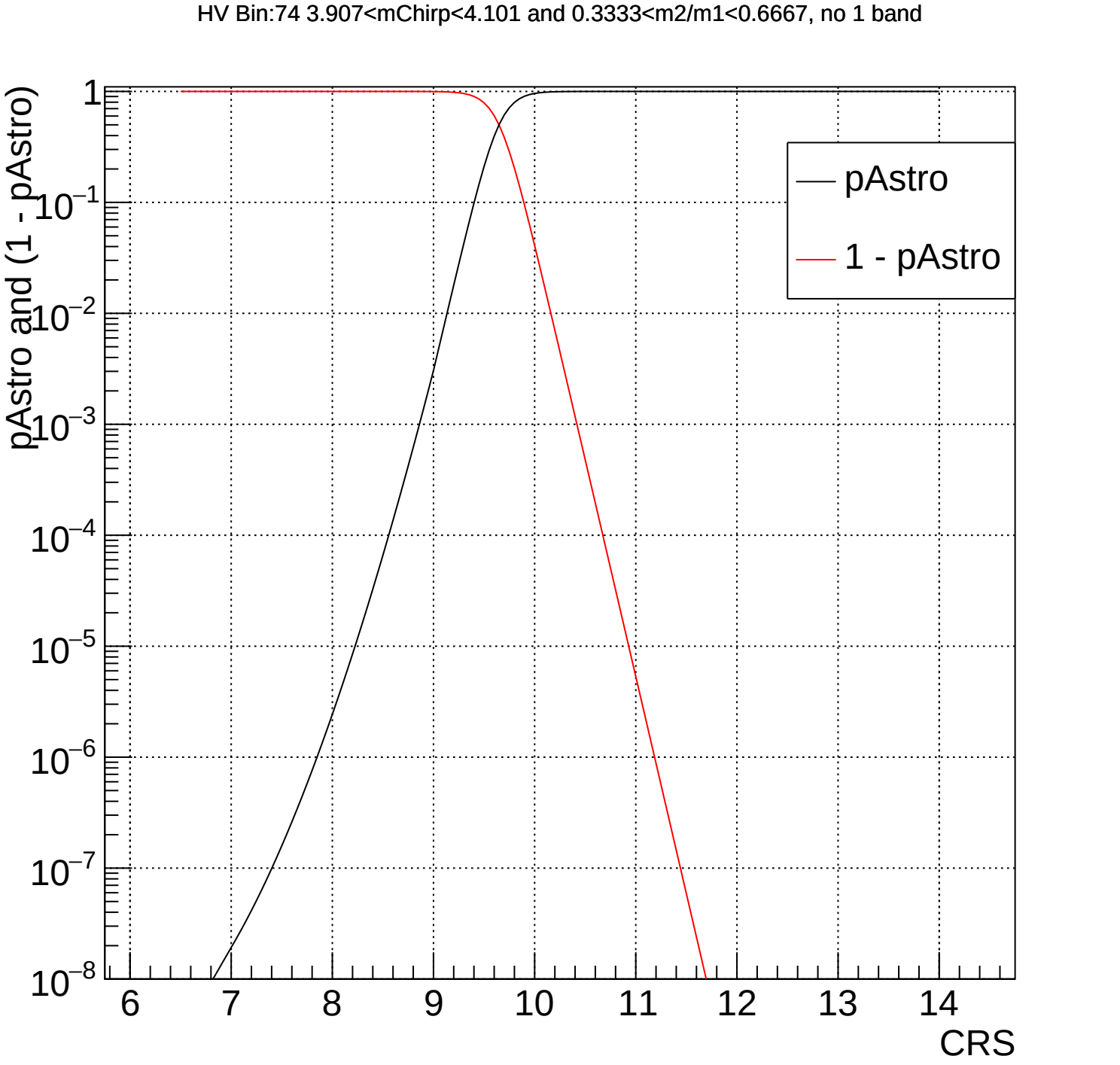
pAstro
1 - pAstro


HV Bin:74 3.907<mChirp<4.101 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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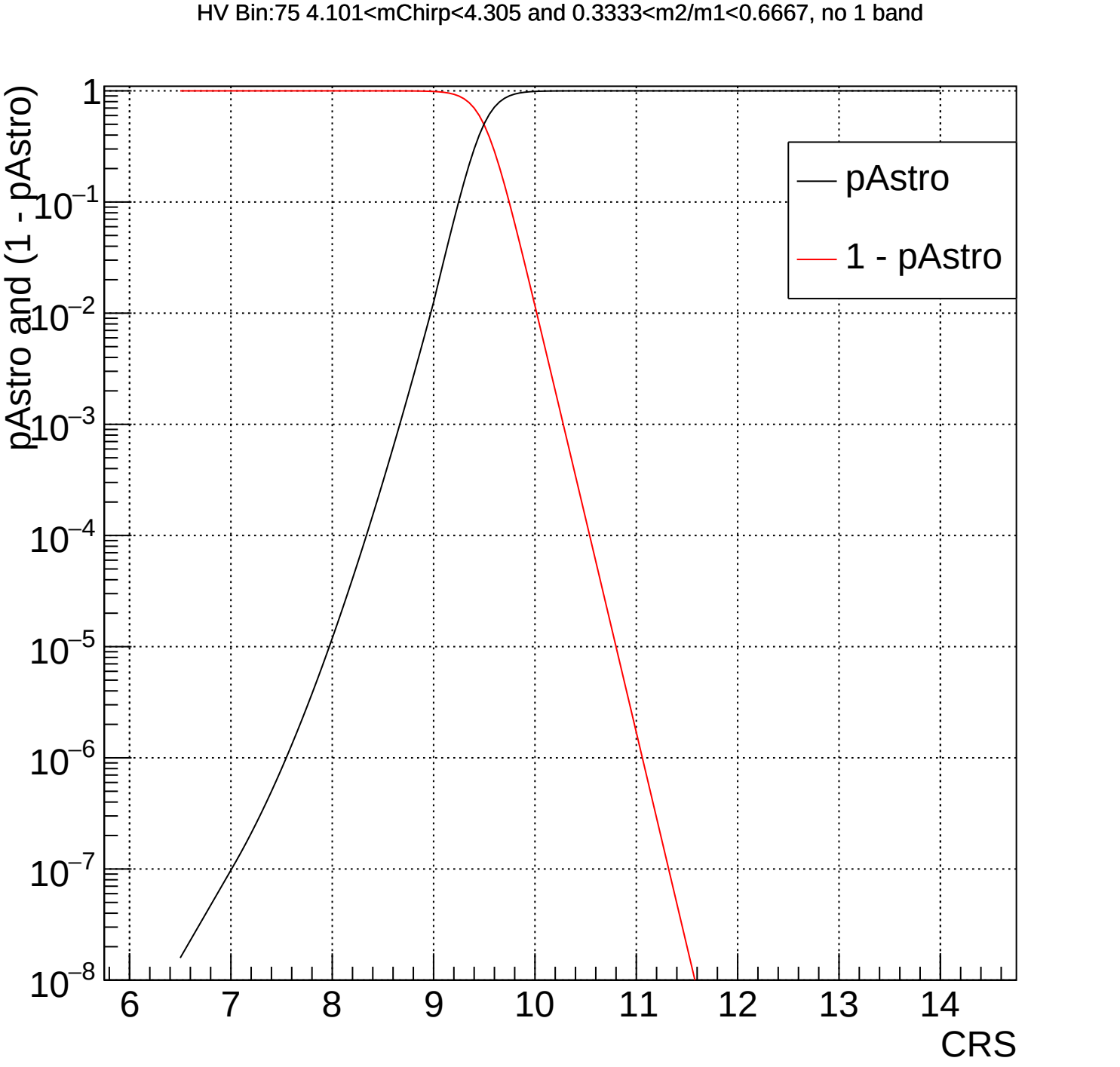
1 - pAstro


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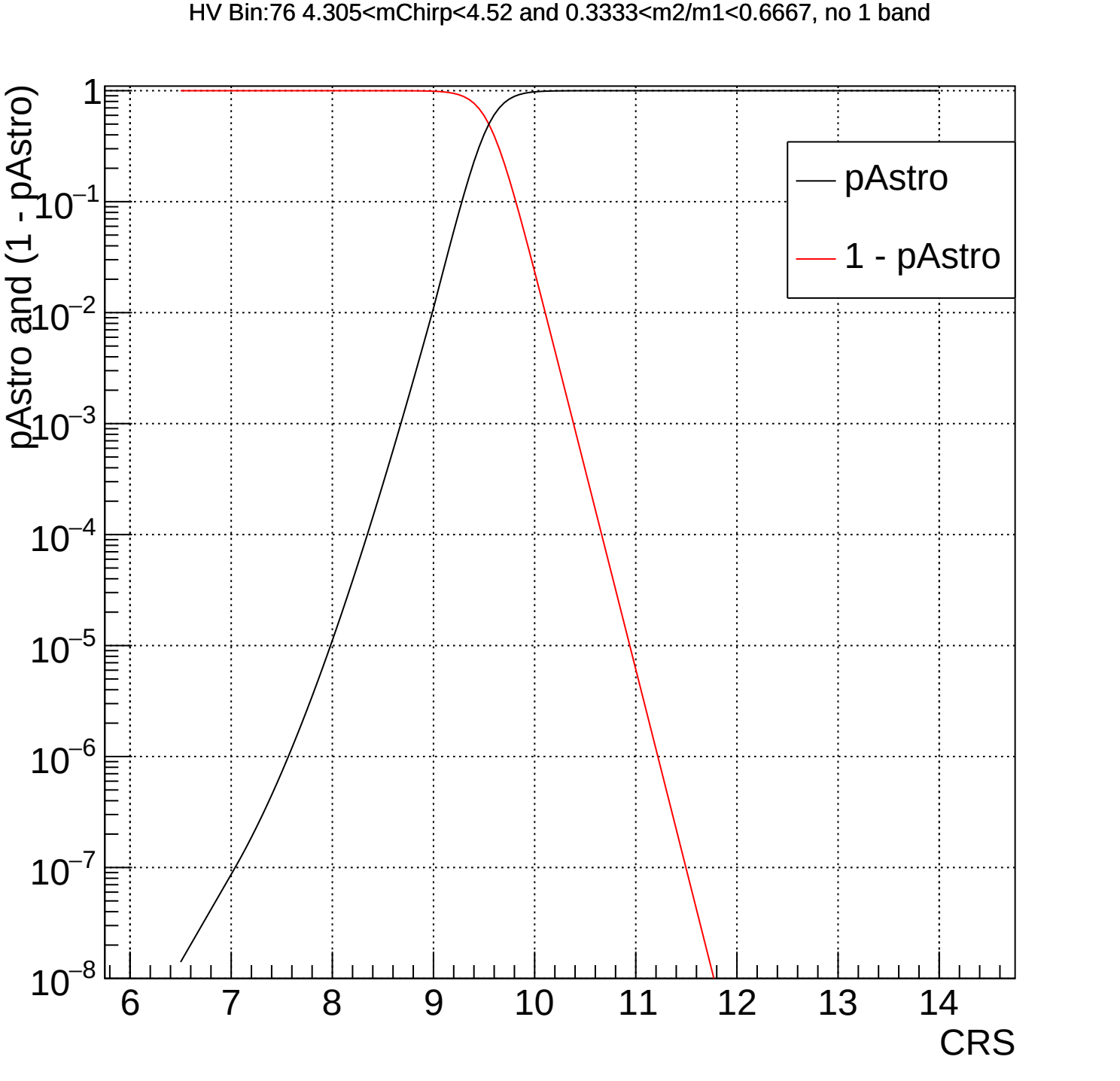
1 - pAstro


HV Bin:76 4.305<mChirp<4.52 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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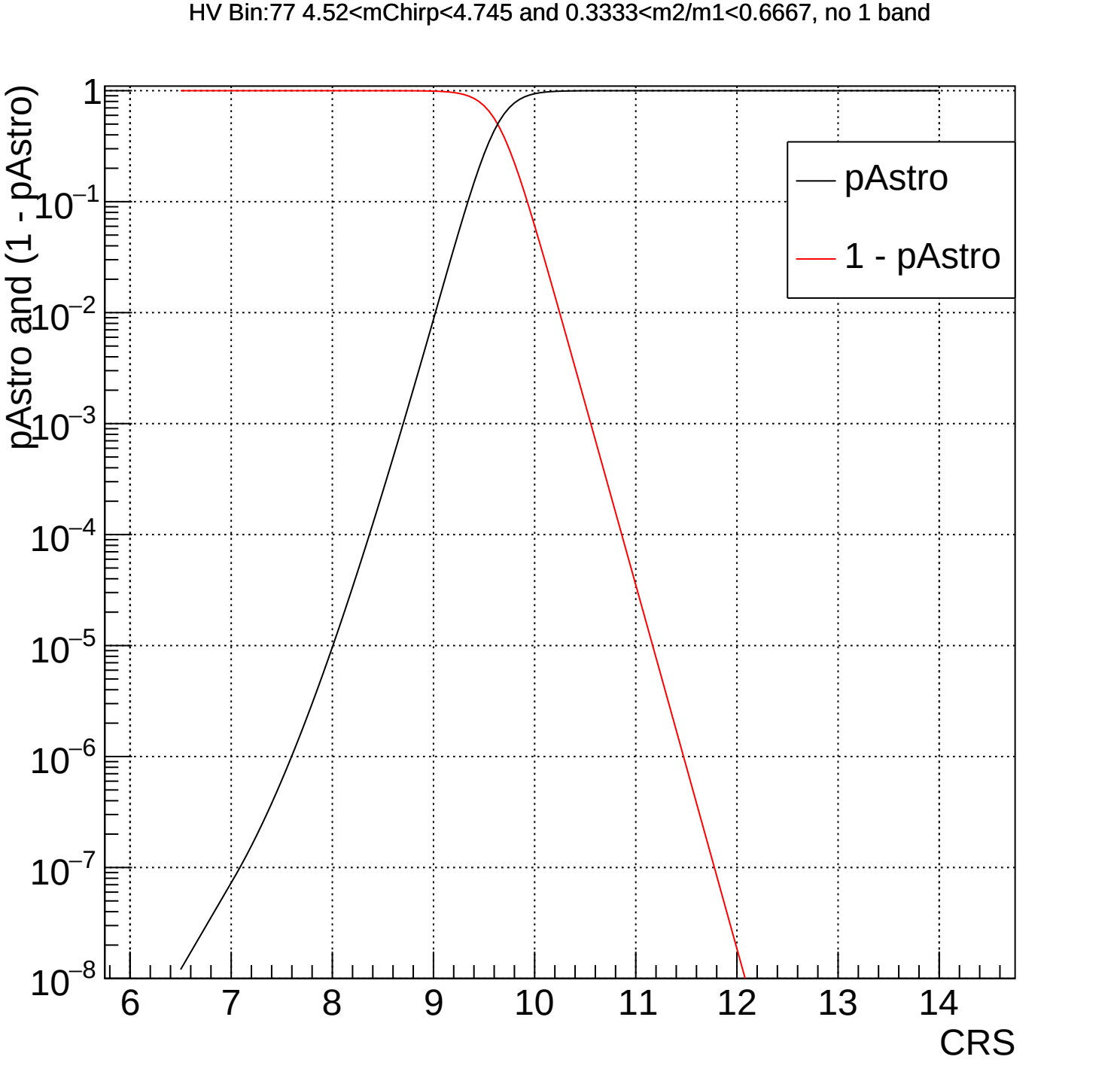
HV Bin:77 4.52<mChirp<4.745 and 0.3333<m2/m1<0.6667, no 1 band
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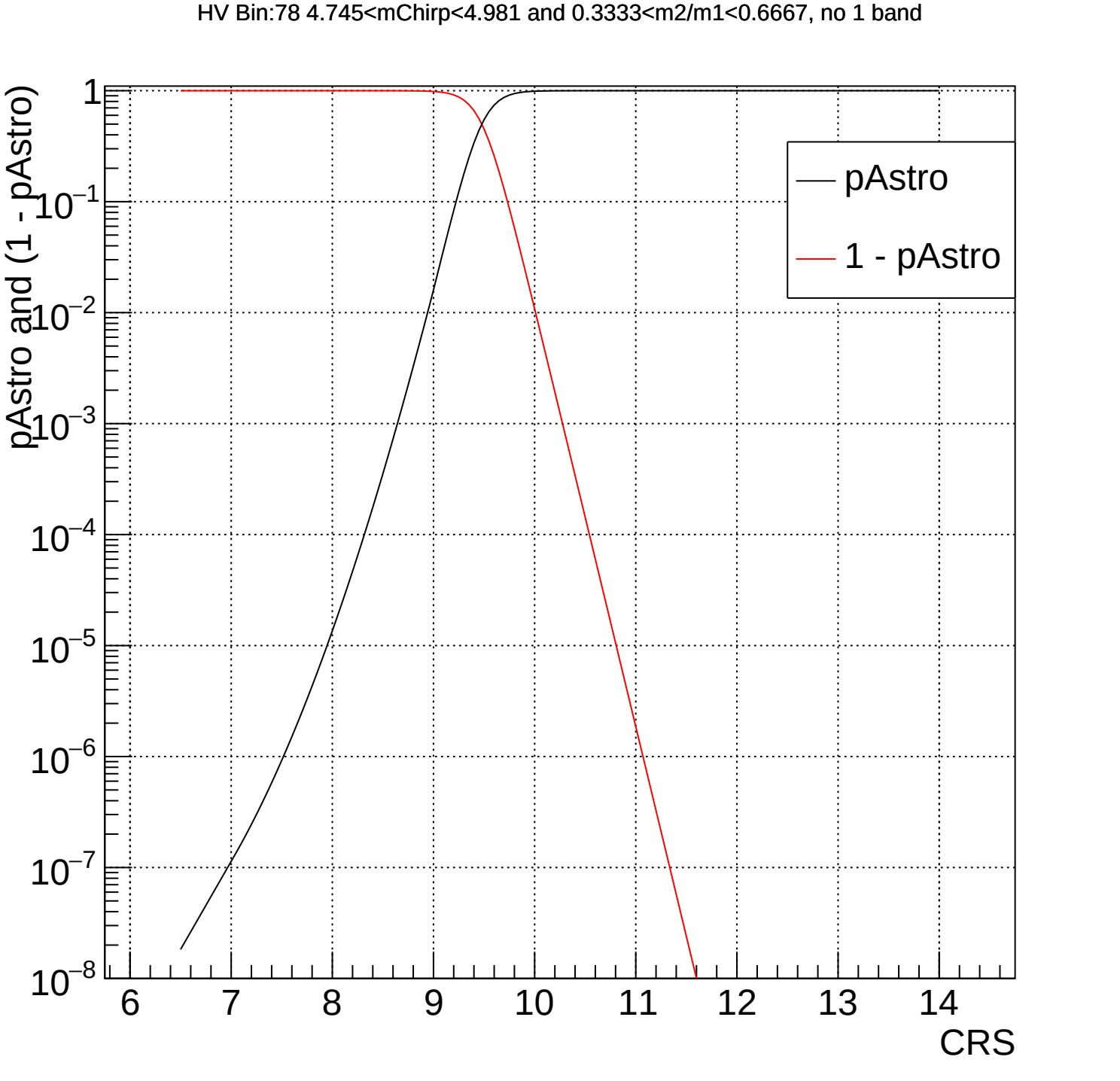
HV Bin:78 4.745<mChirp<4.981 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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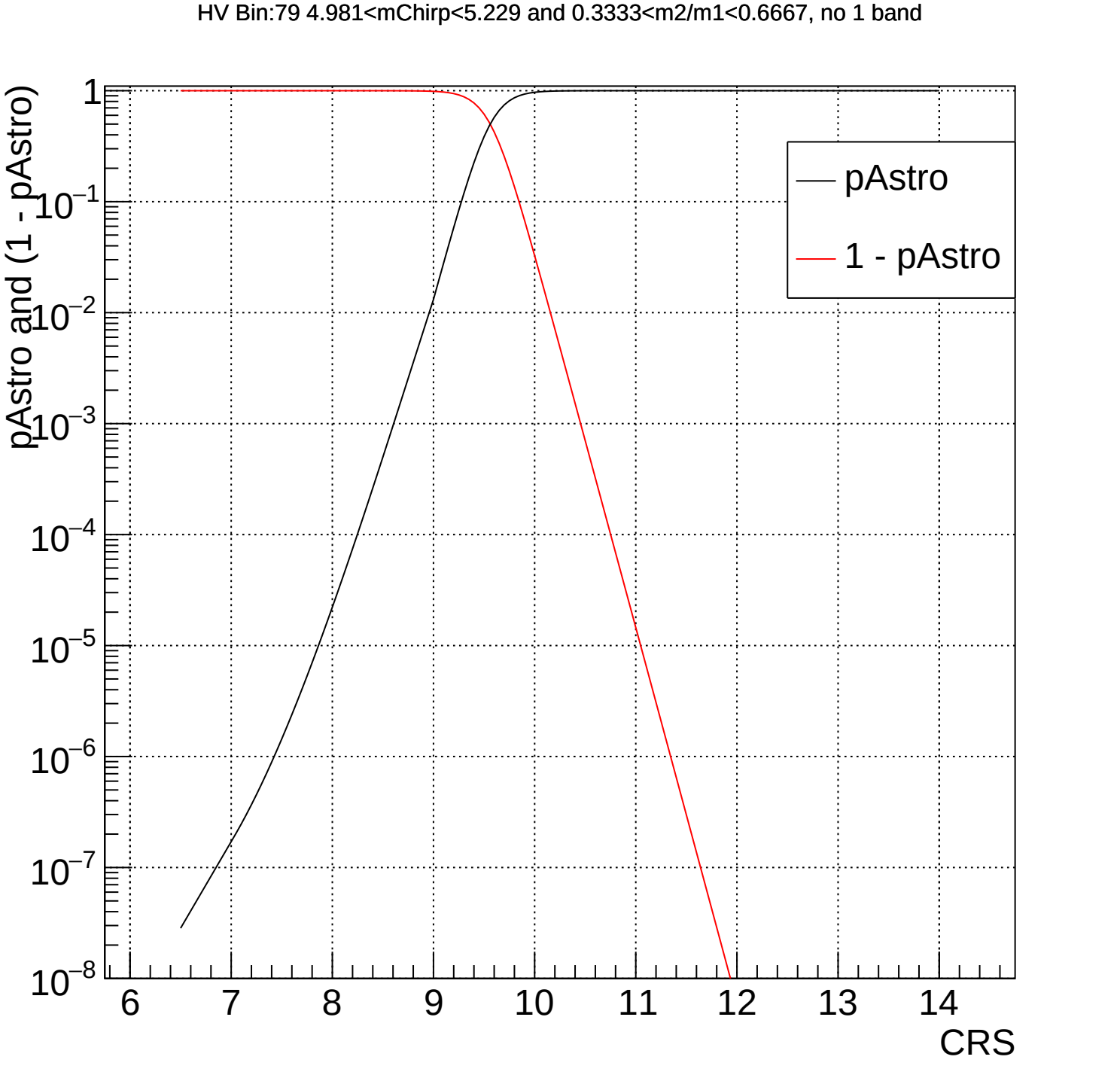
HV Bin:79 4.981<mChirp<5.229 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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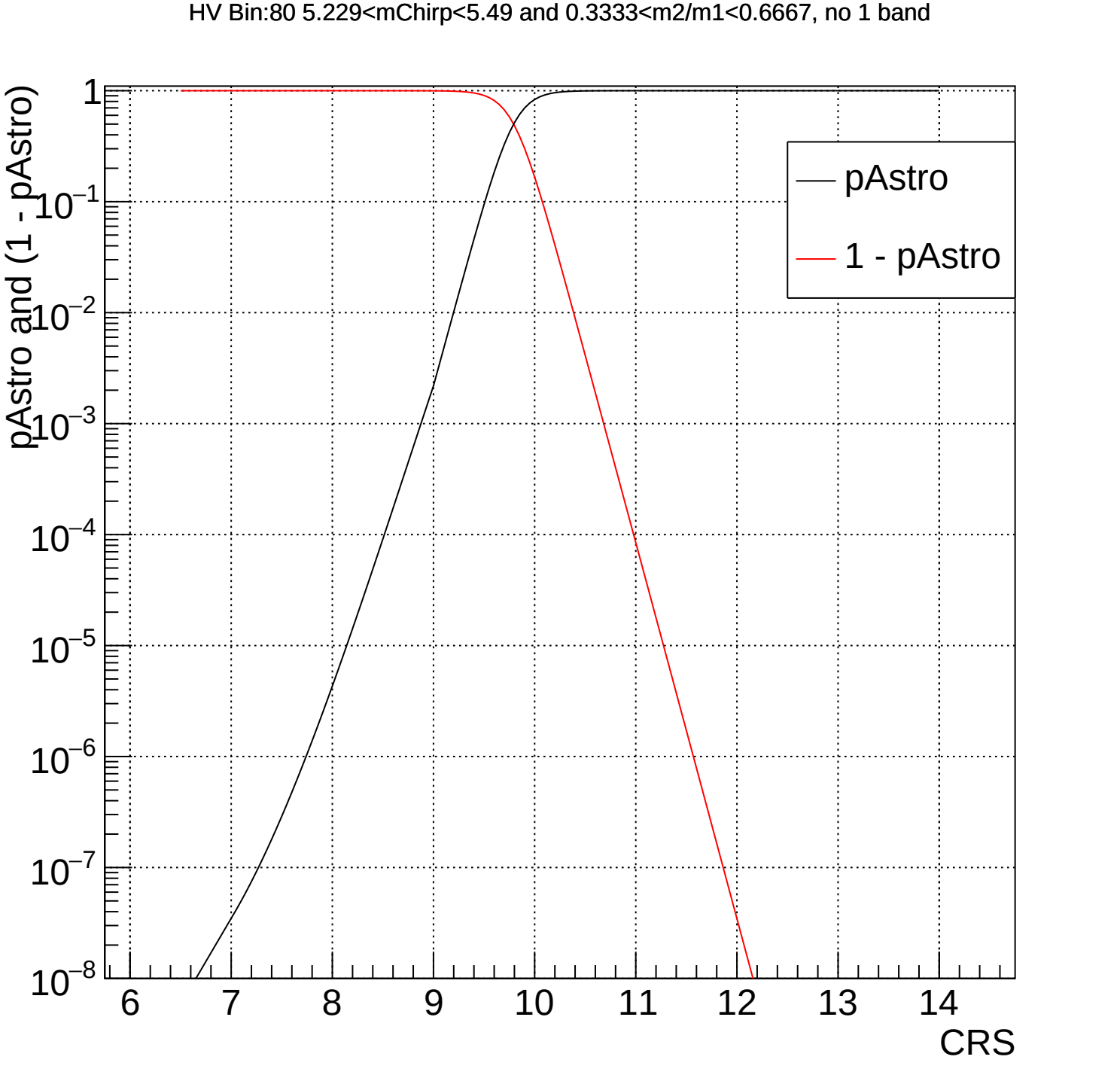
HV Bin:80 5.229<mChirp<5.49 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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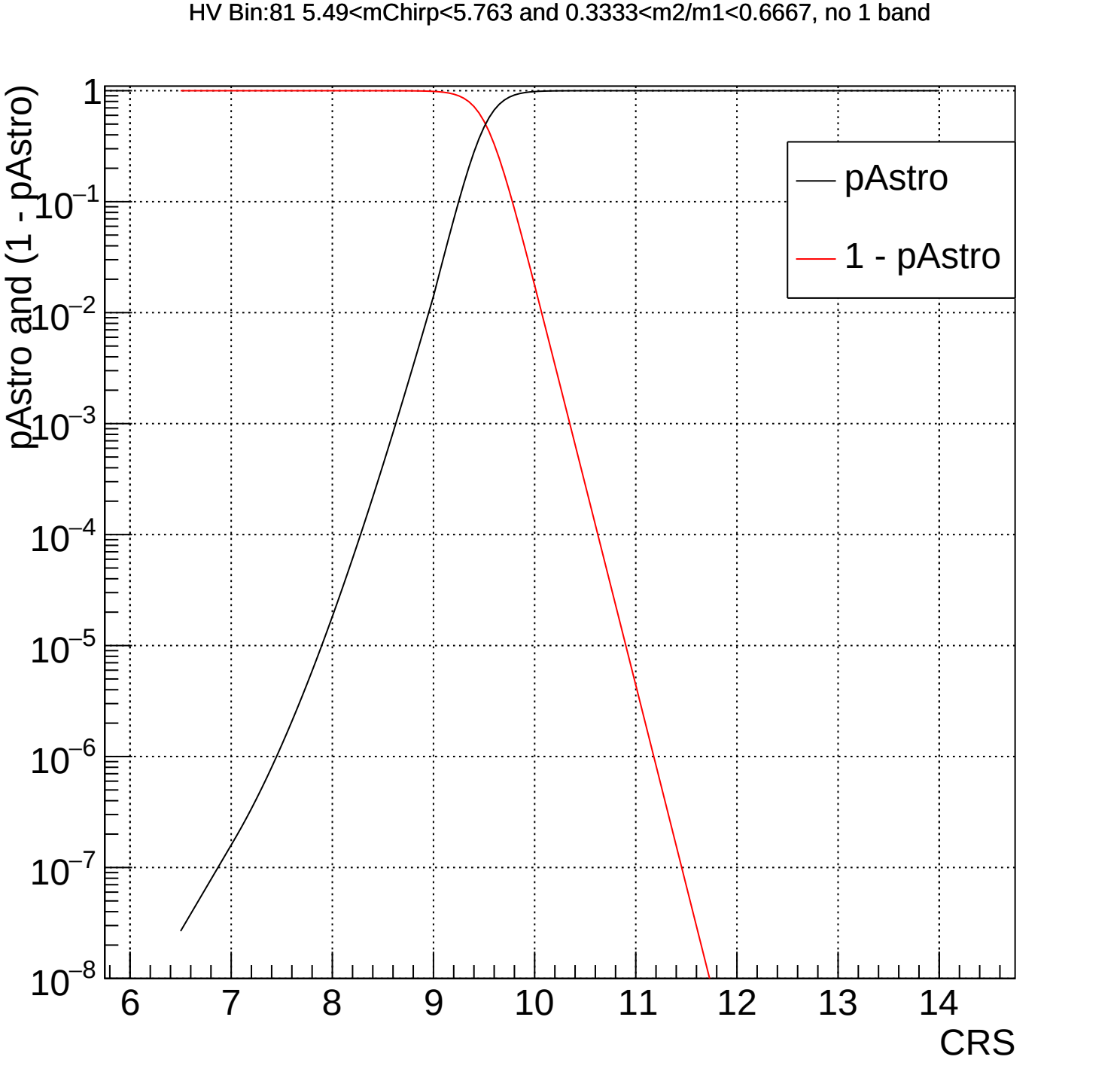
HV Bin:81 5.49<mChirp<5.763 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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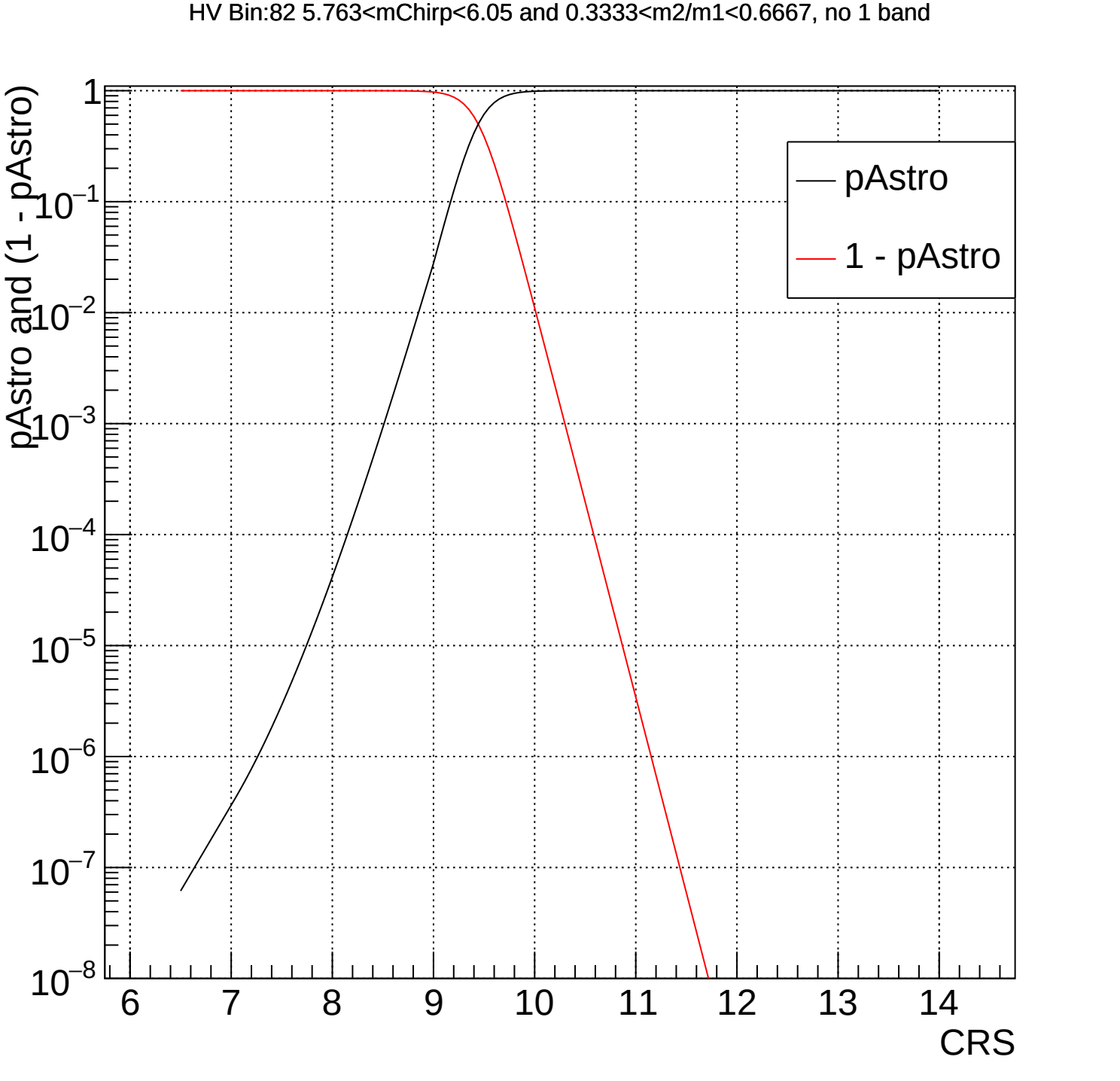
HV Bin:82 5.763<mChirp<6.05 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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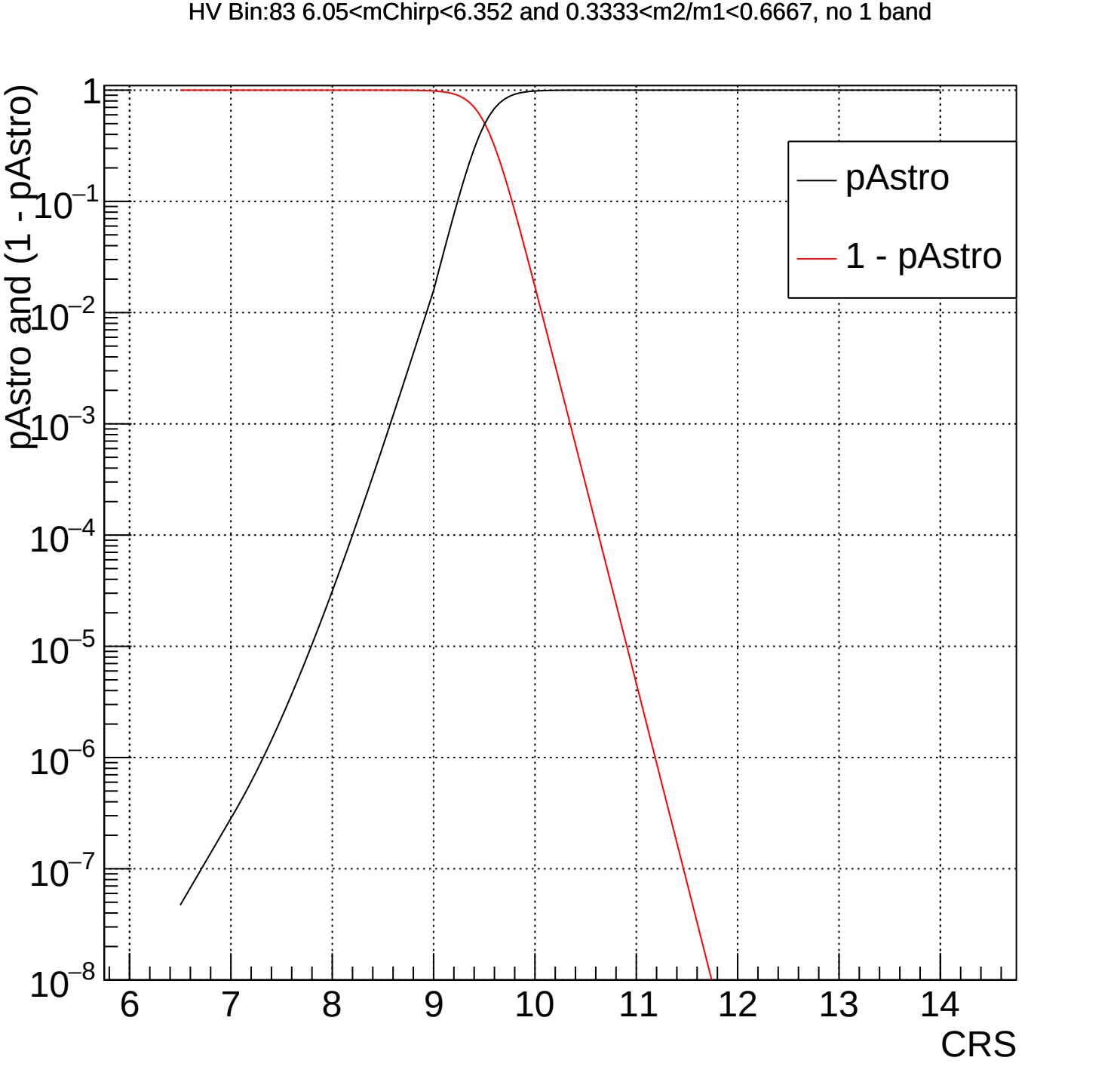
HV Bin:83 6.05<mChirp<6.352 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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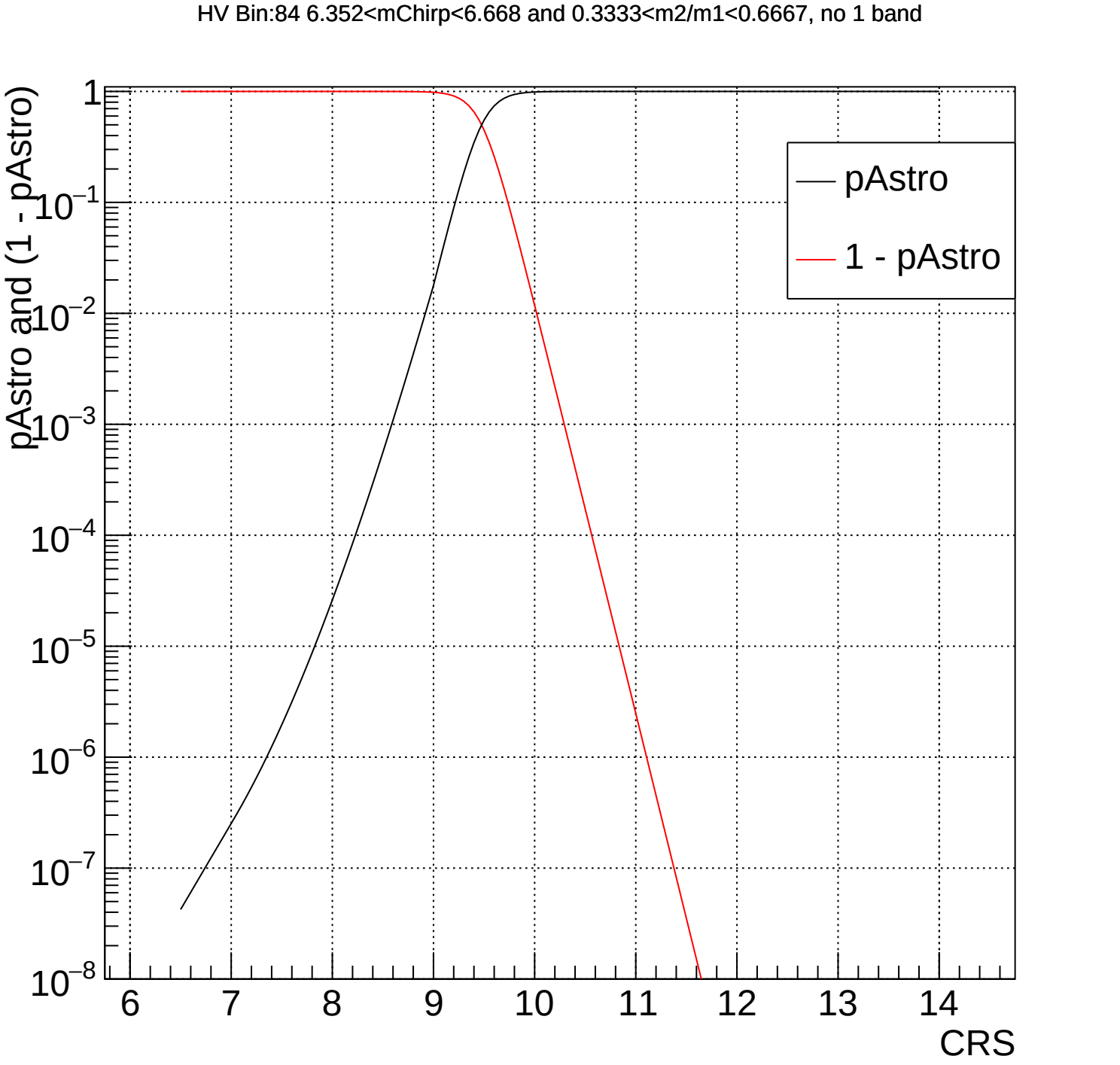
HV Bin:84 6.352<mChirp<6.668 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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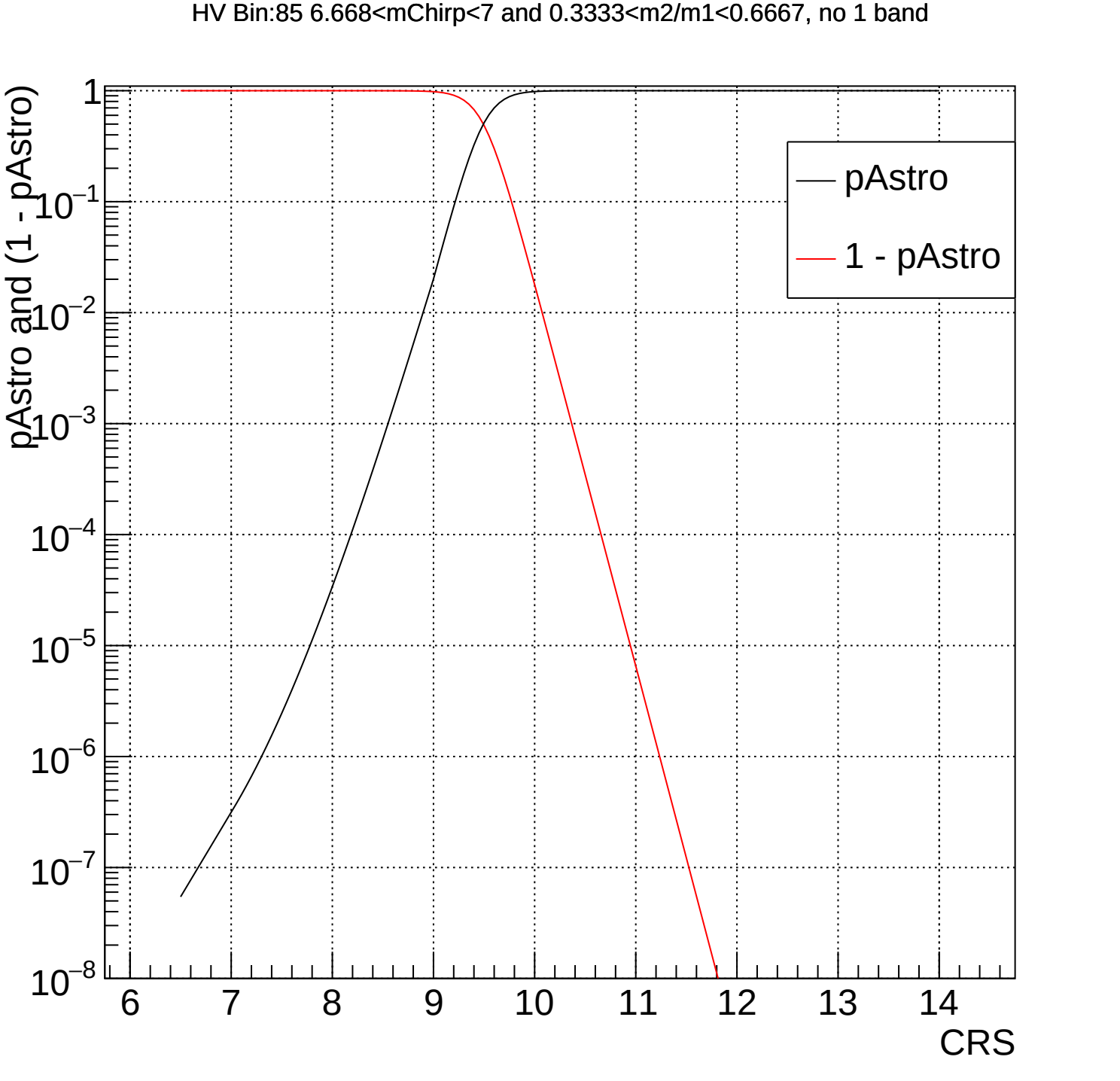
HV Bin:85 6.668<mChirp<7 and 0.3333<m2/m1<0.6667, no 1 band
pAstro and (1 - pAstro)
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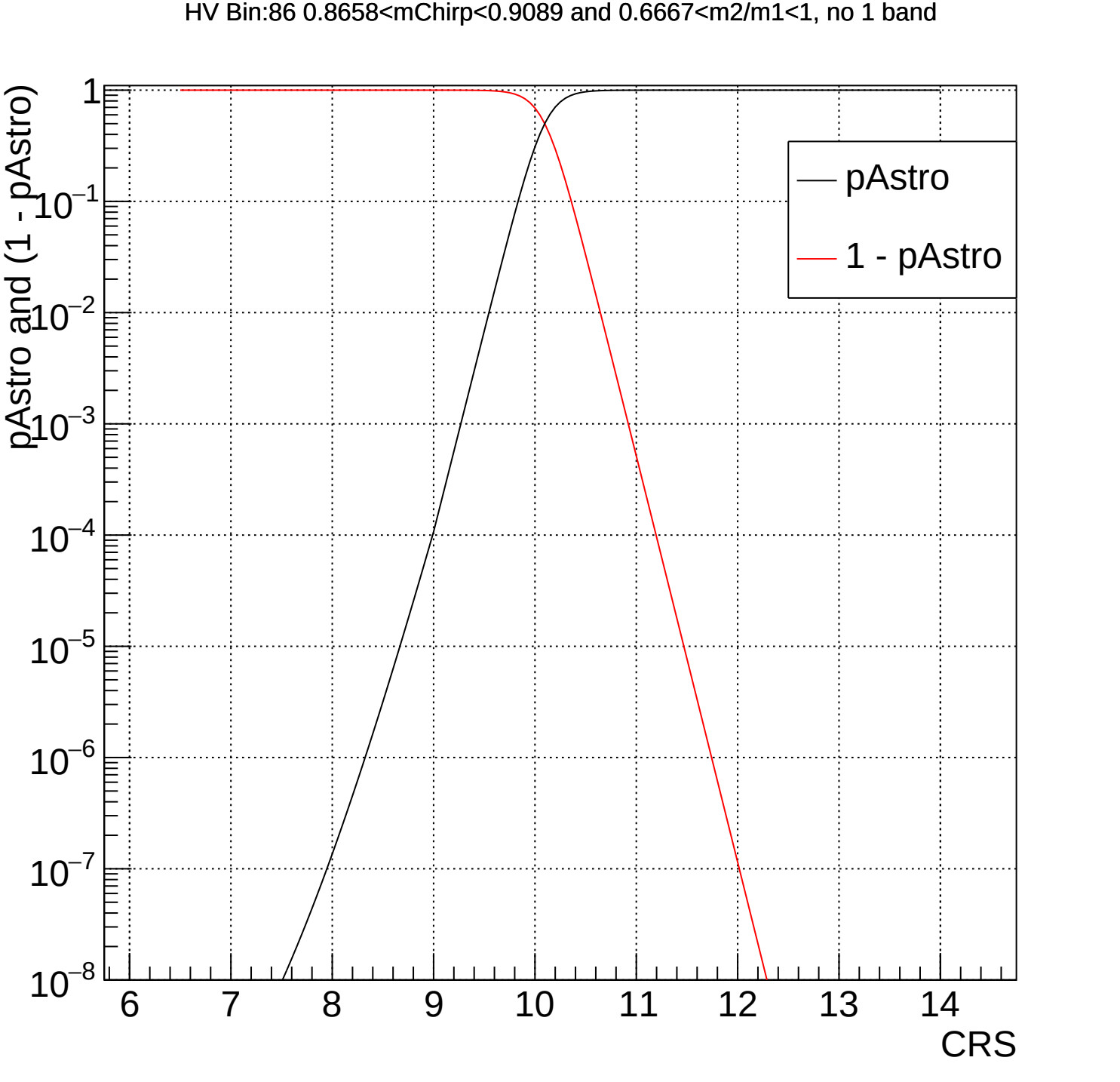
HV Bin:86 0.8658<mChirp<0.9089 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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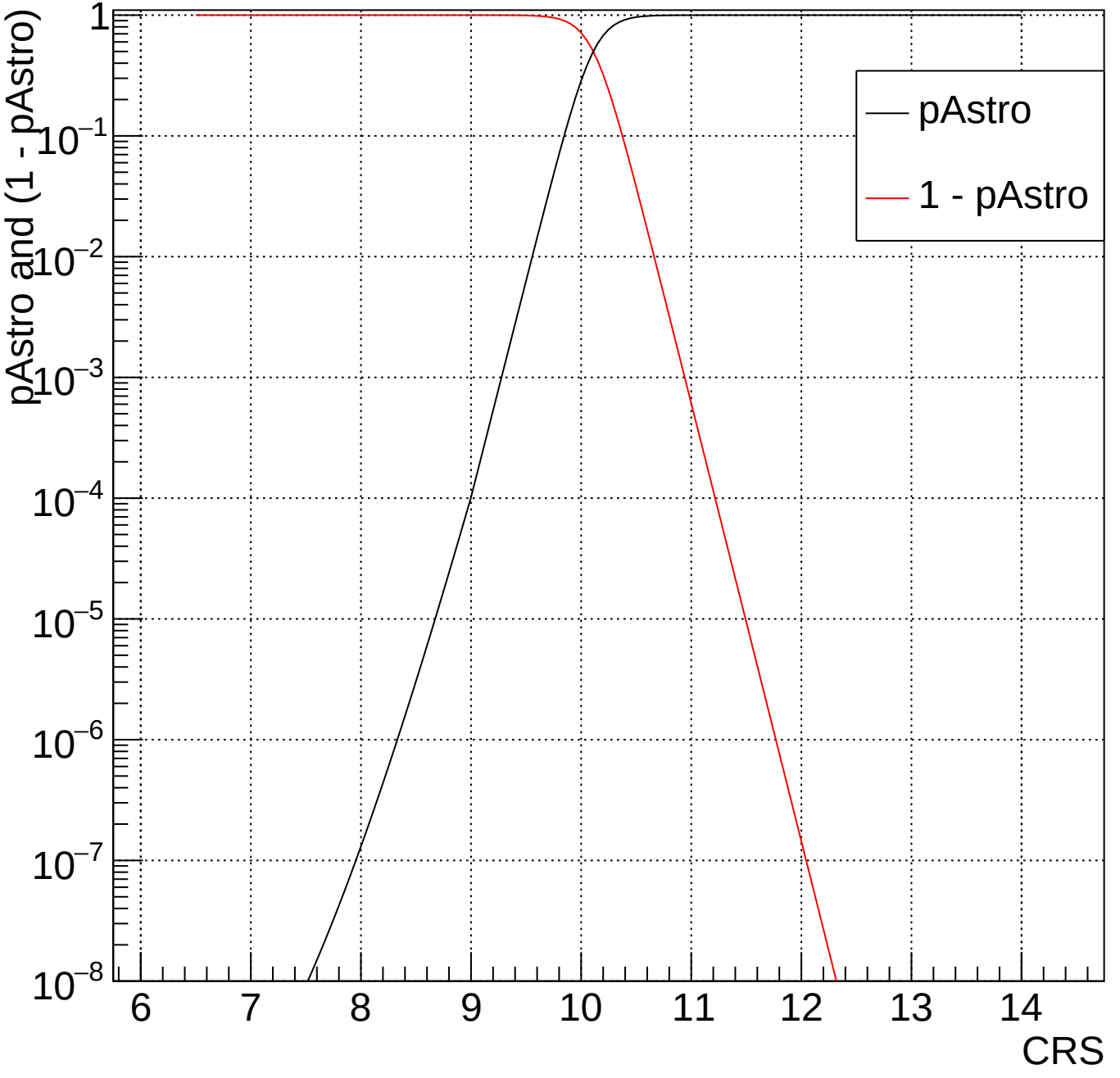
HV Bin:87 0.9089<mChirp<0.9542 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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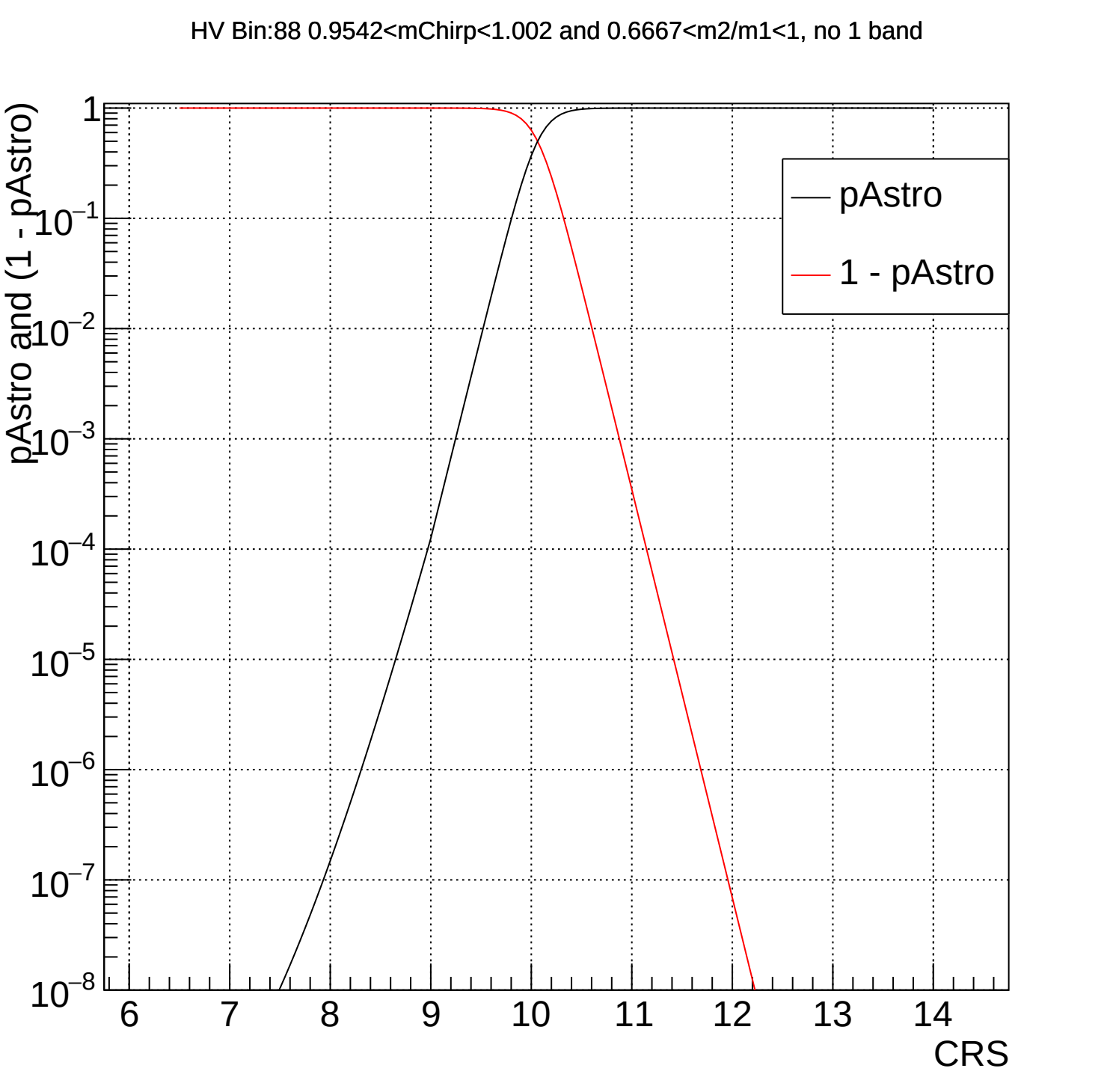
HV Bin:88 0.9542<mChirp<1.002 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
CRS
pAstro
1 - pAstro
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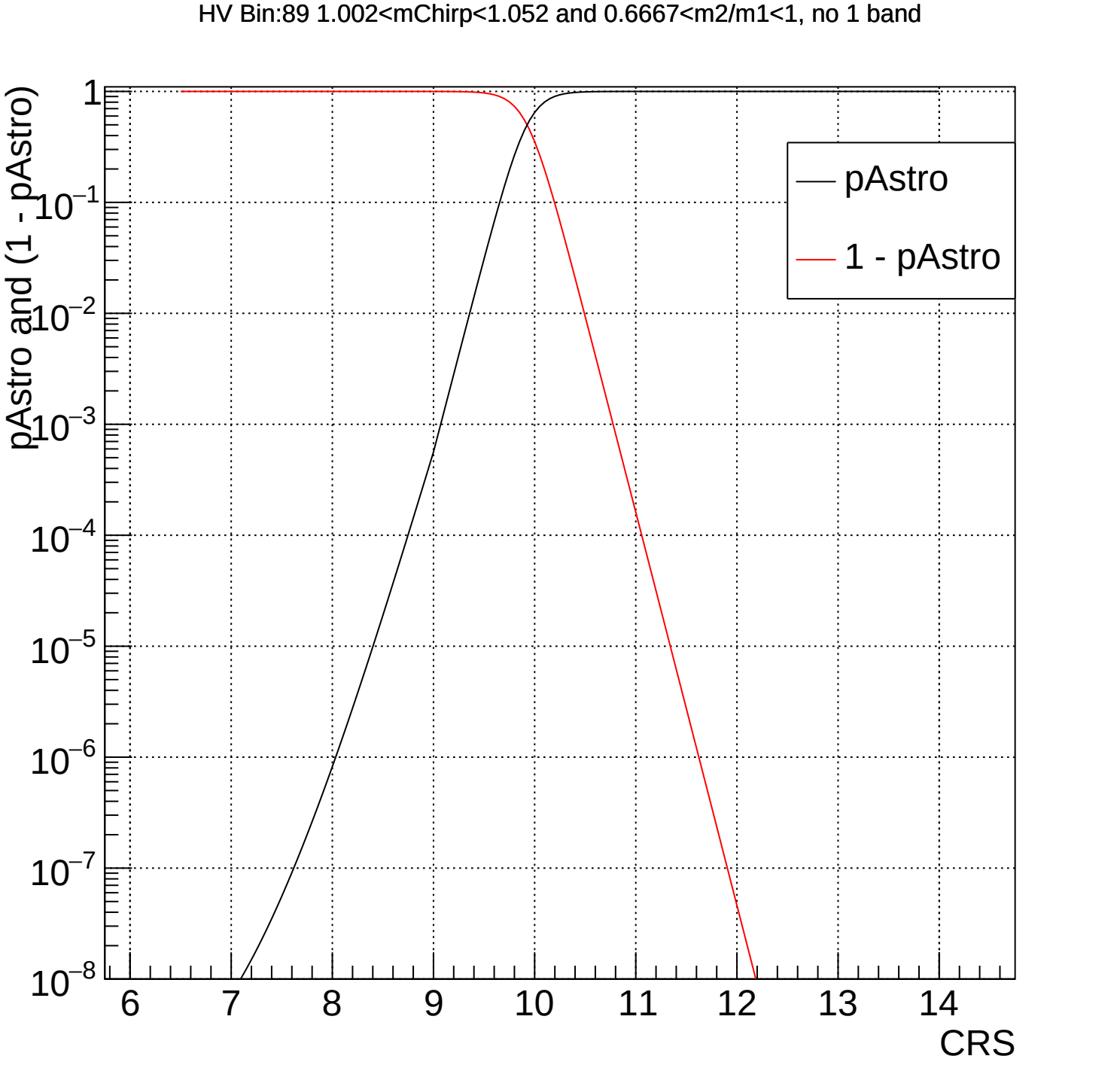
HV Bin:89 1.002<mChirp<1.052 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
CRS
pAstro
1 - pAstro
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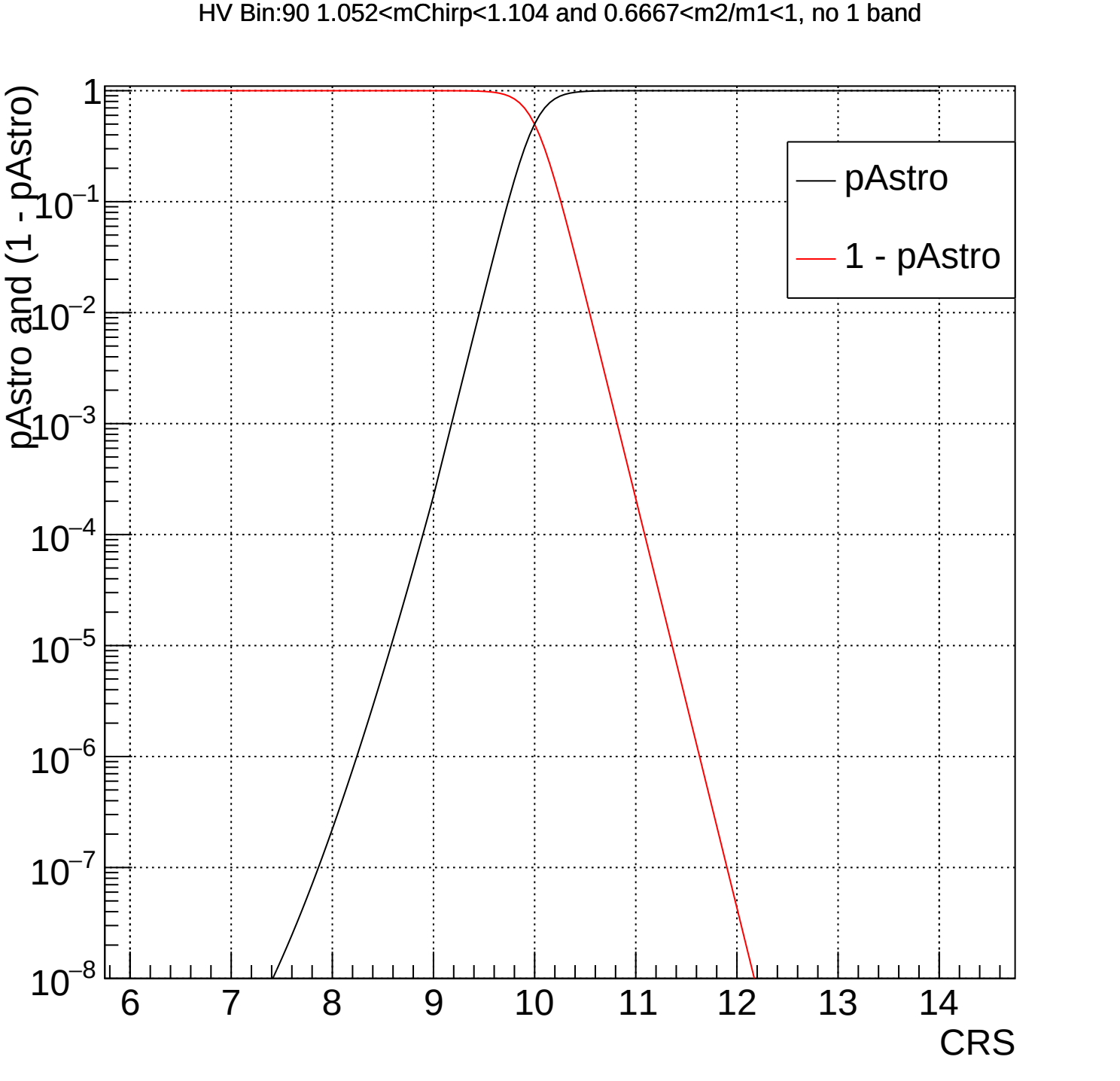
HV Bin:90 1.052<mChirp<1.104 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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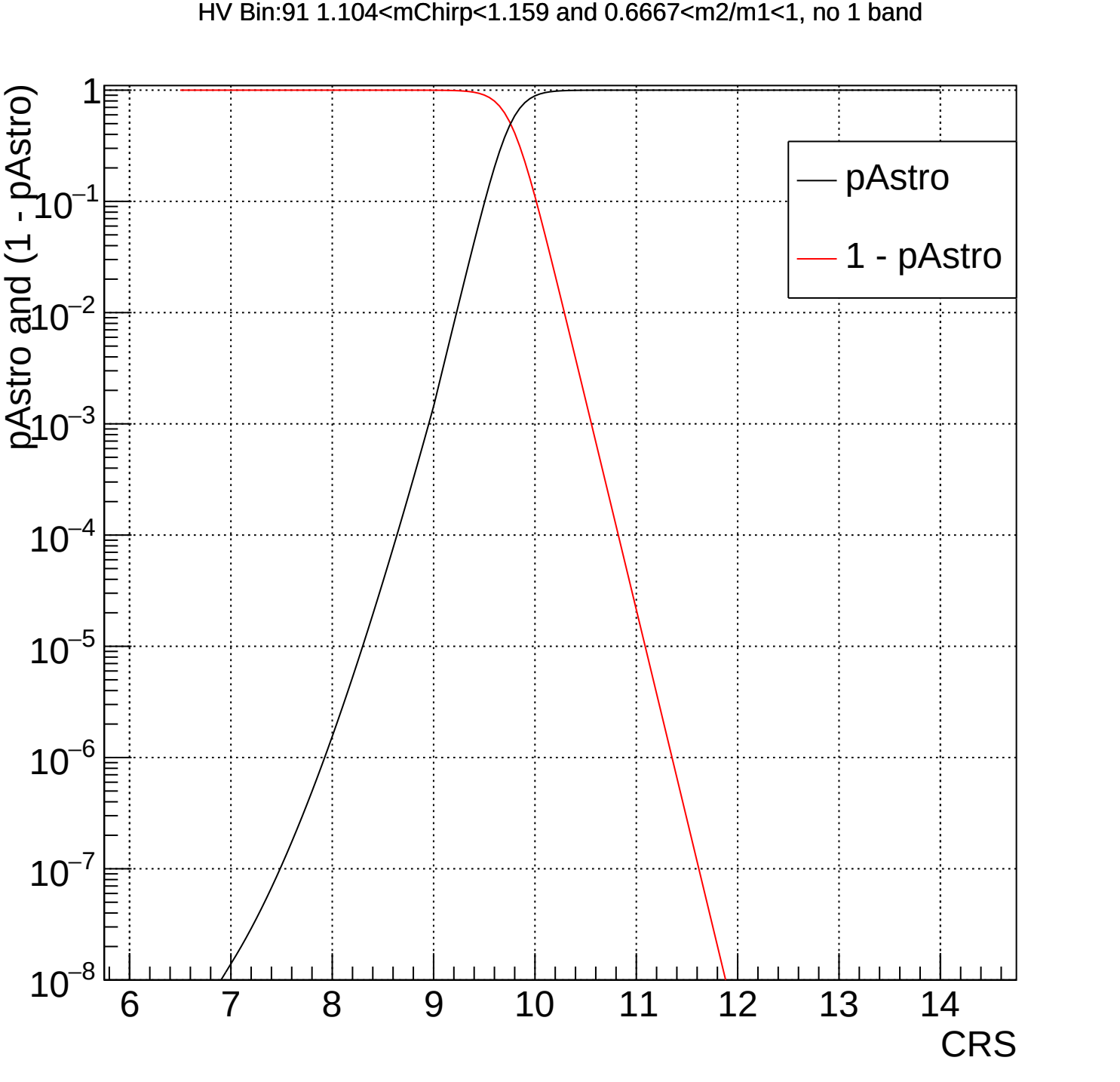
HV Bin:91 1.104<mChirp<1.159 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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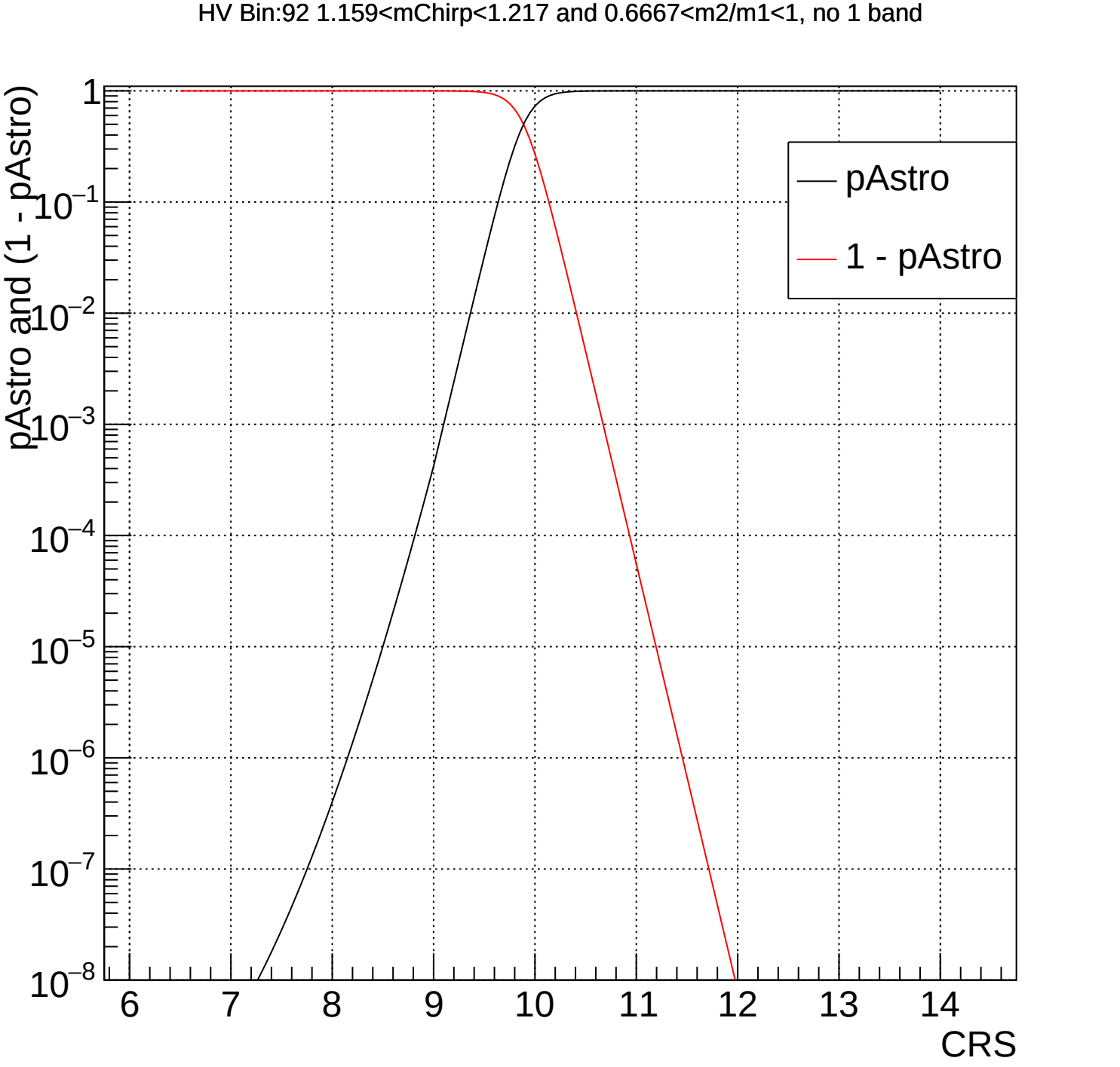
HV Bin:92 1.159<mChirp<1.217 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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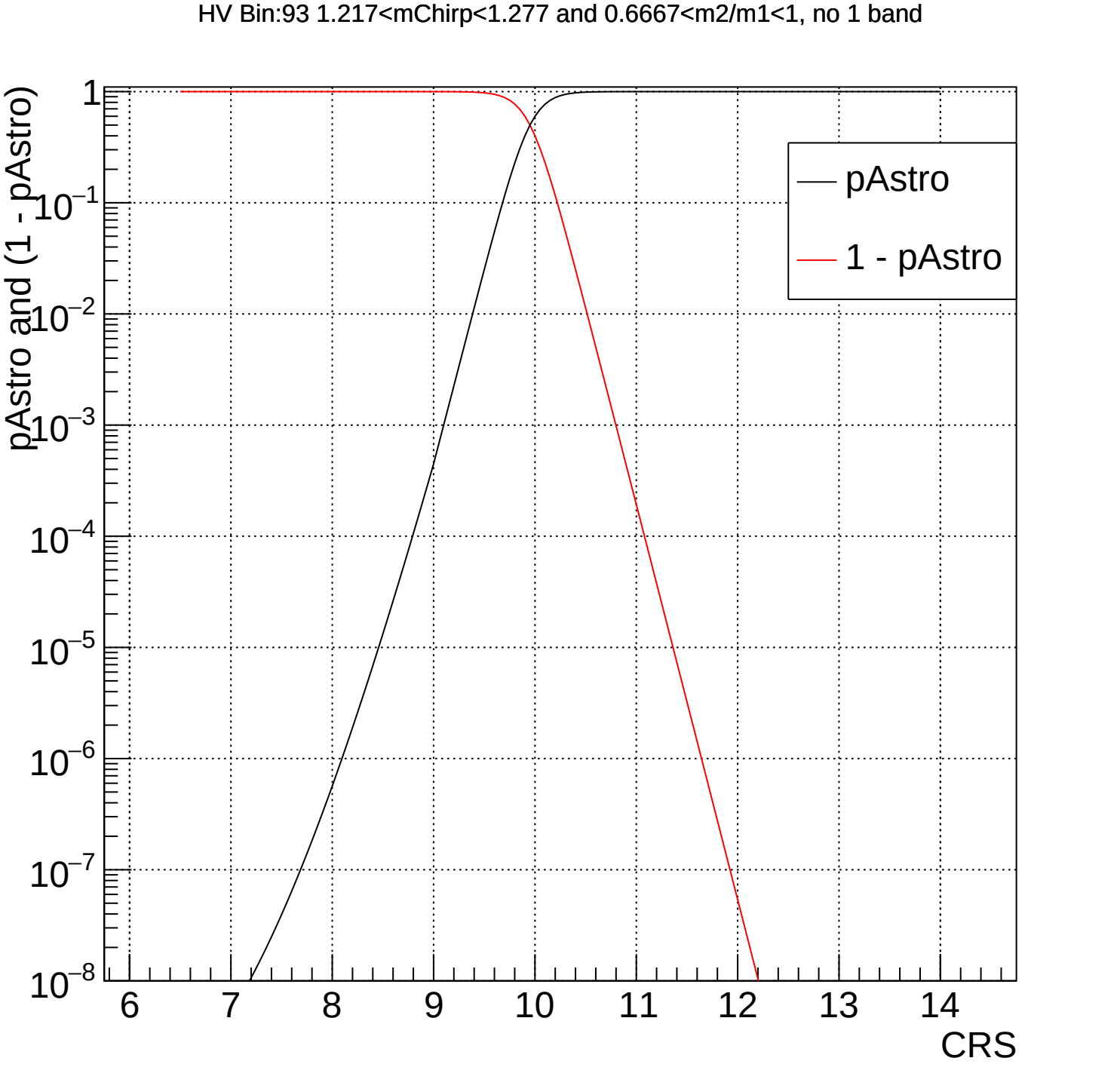
HV Bin:93 1.217<mChirp<1.277 and 0.6667<m2/m1<1, no 1 band
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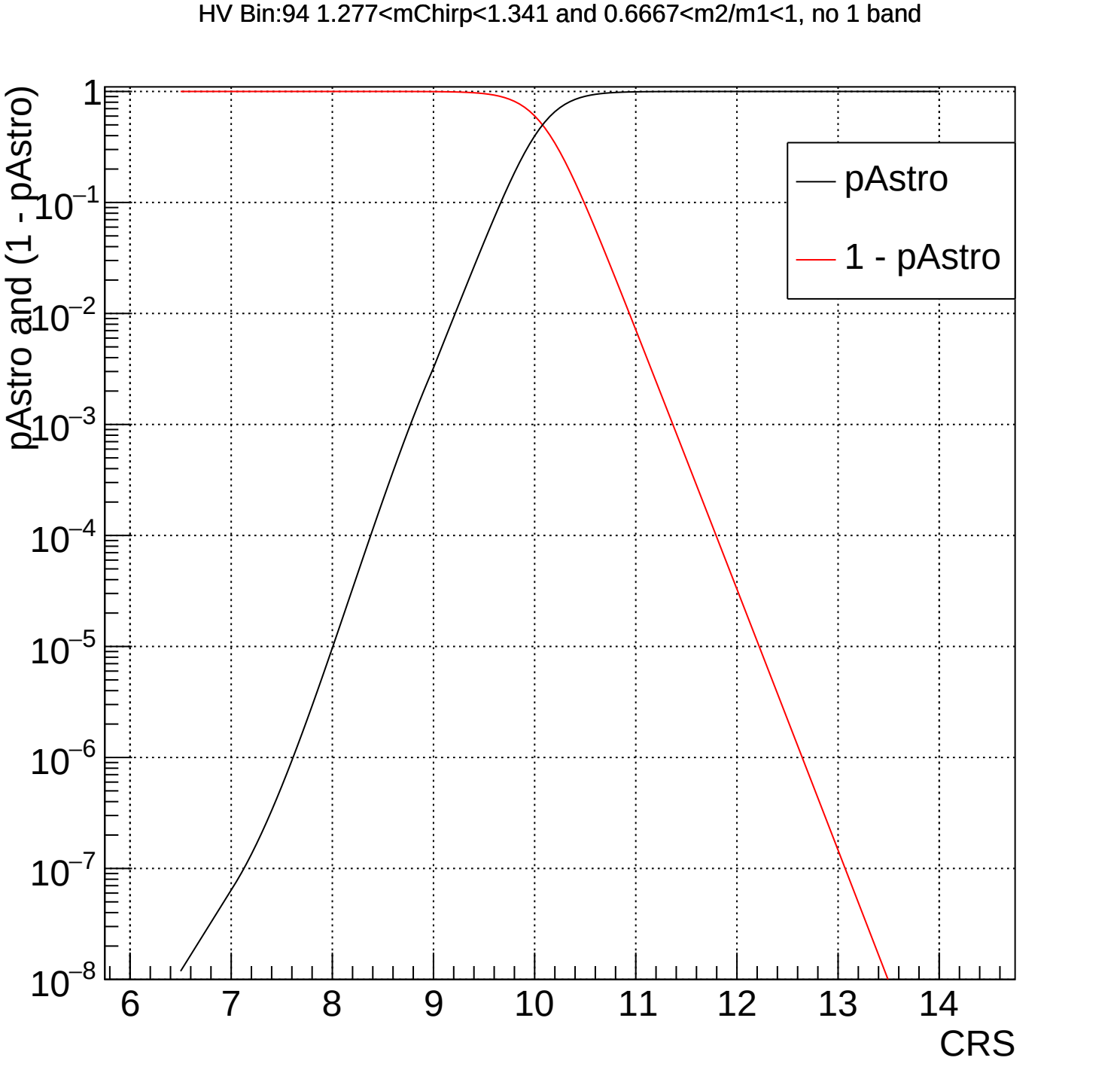
HV Bin:94 1.277<mChirp<1.341 and 0.6667<m2/m1<1, no 1 band
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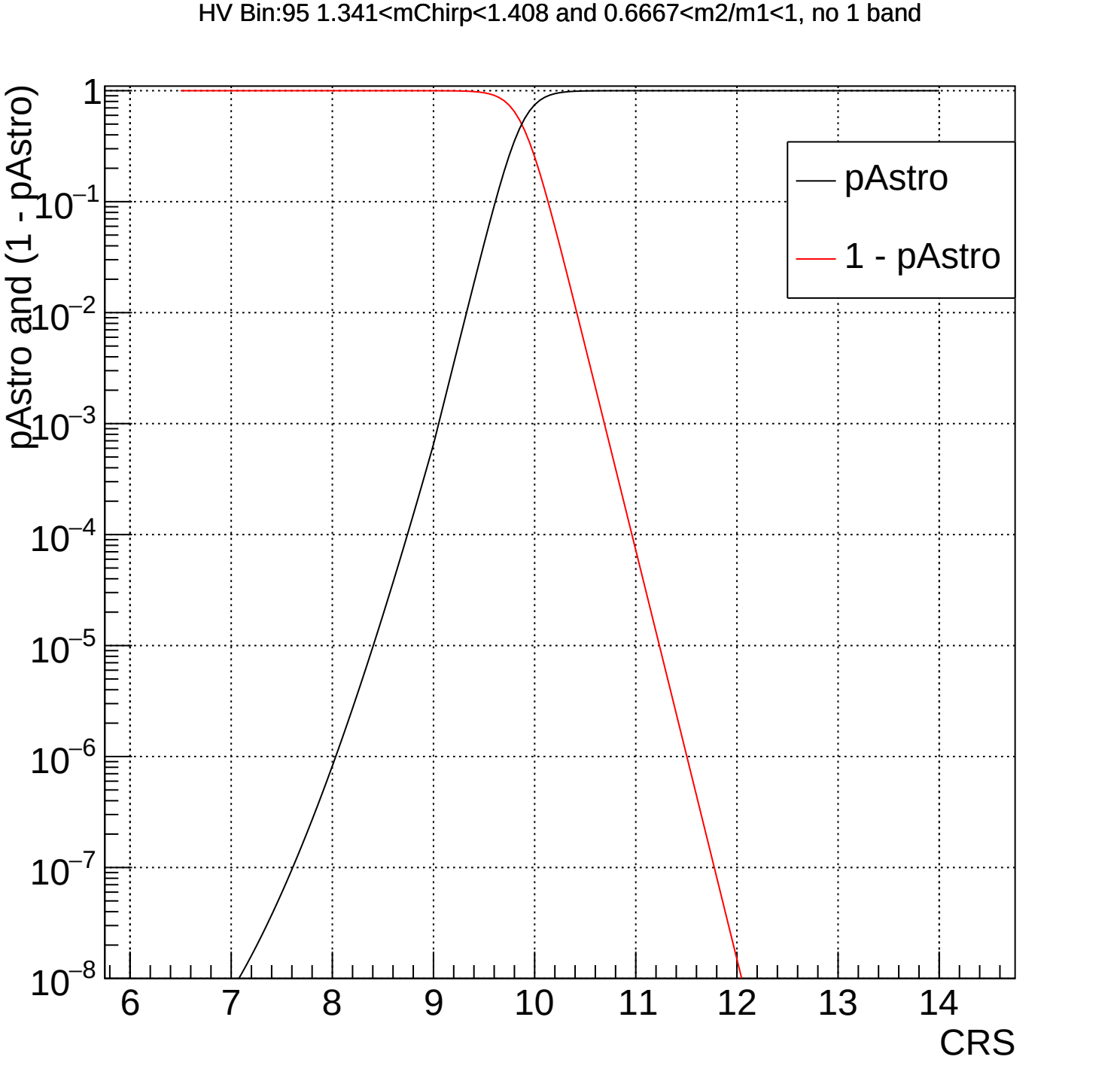
HV Bin:95 1.341<mChirp<1.408 and 0.6667<m2/m1<1, no 1 band
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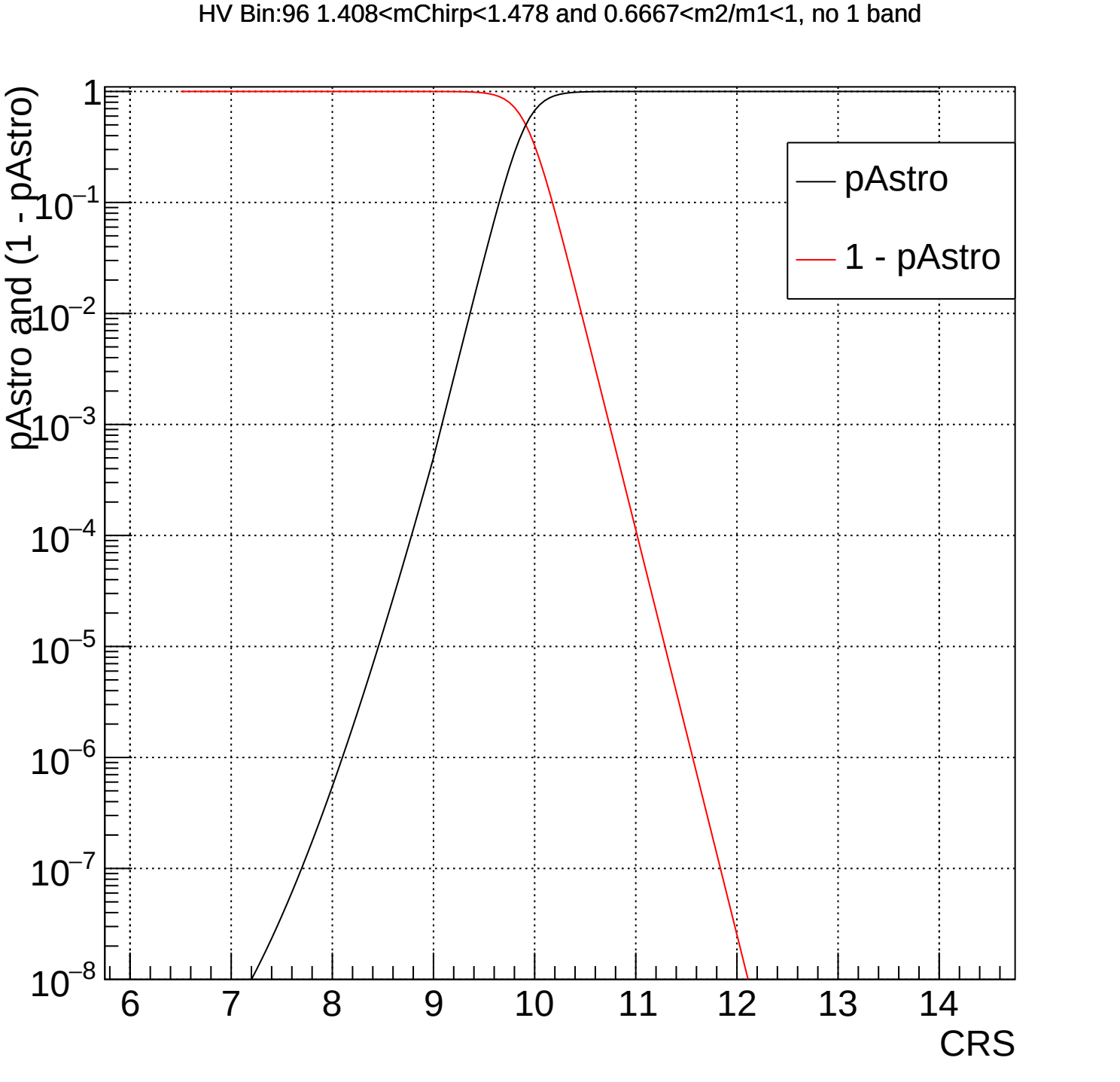
HV Bin:96 1.408<mChirp<1.478 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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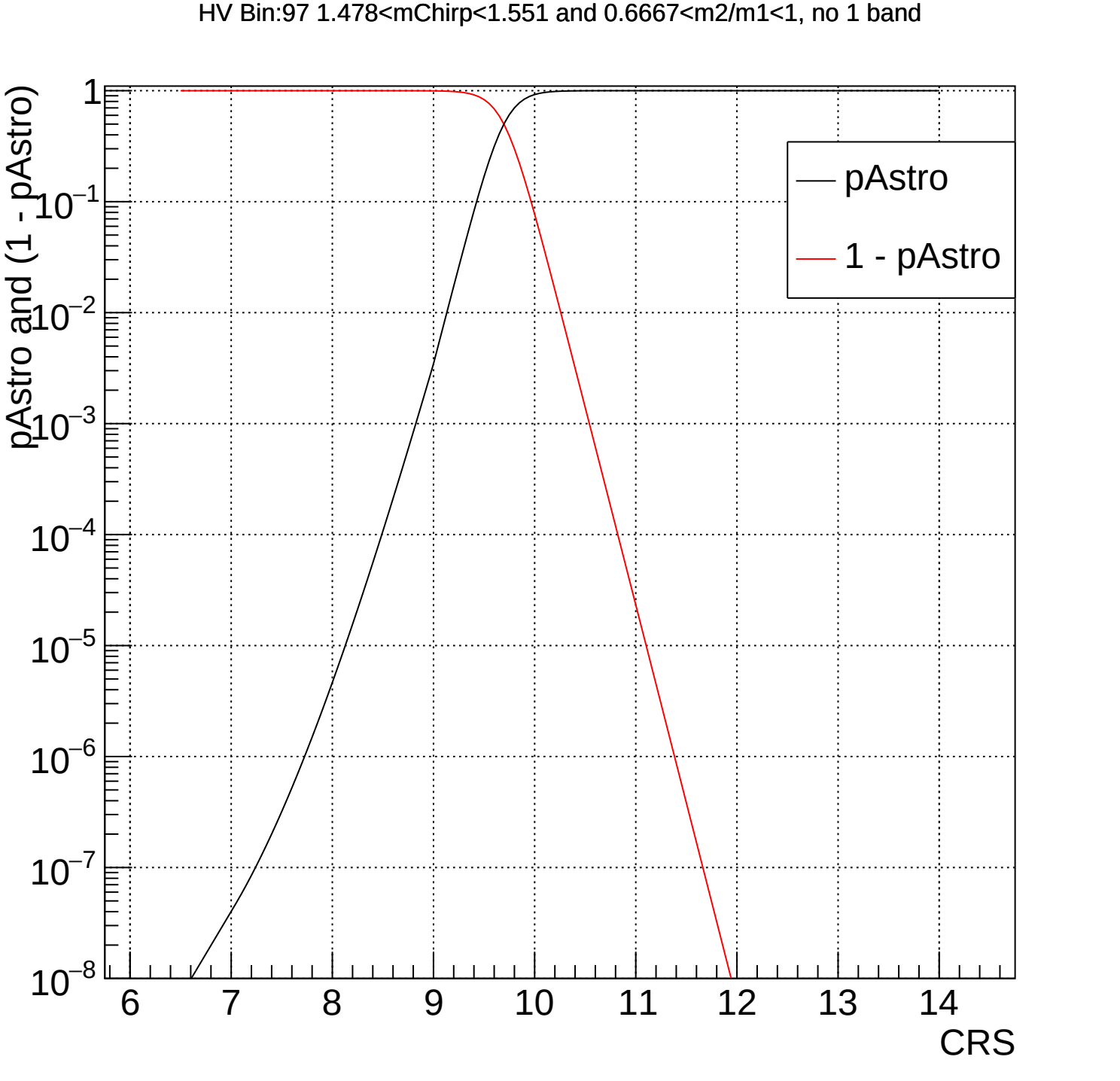
HV Bin:97 1.478<mChirp<1.551 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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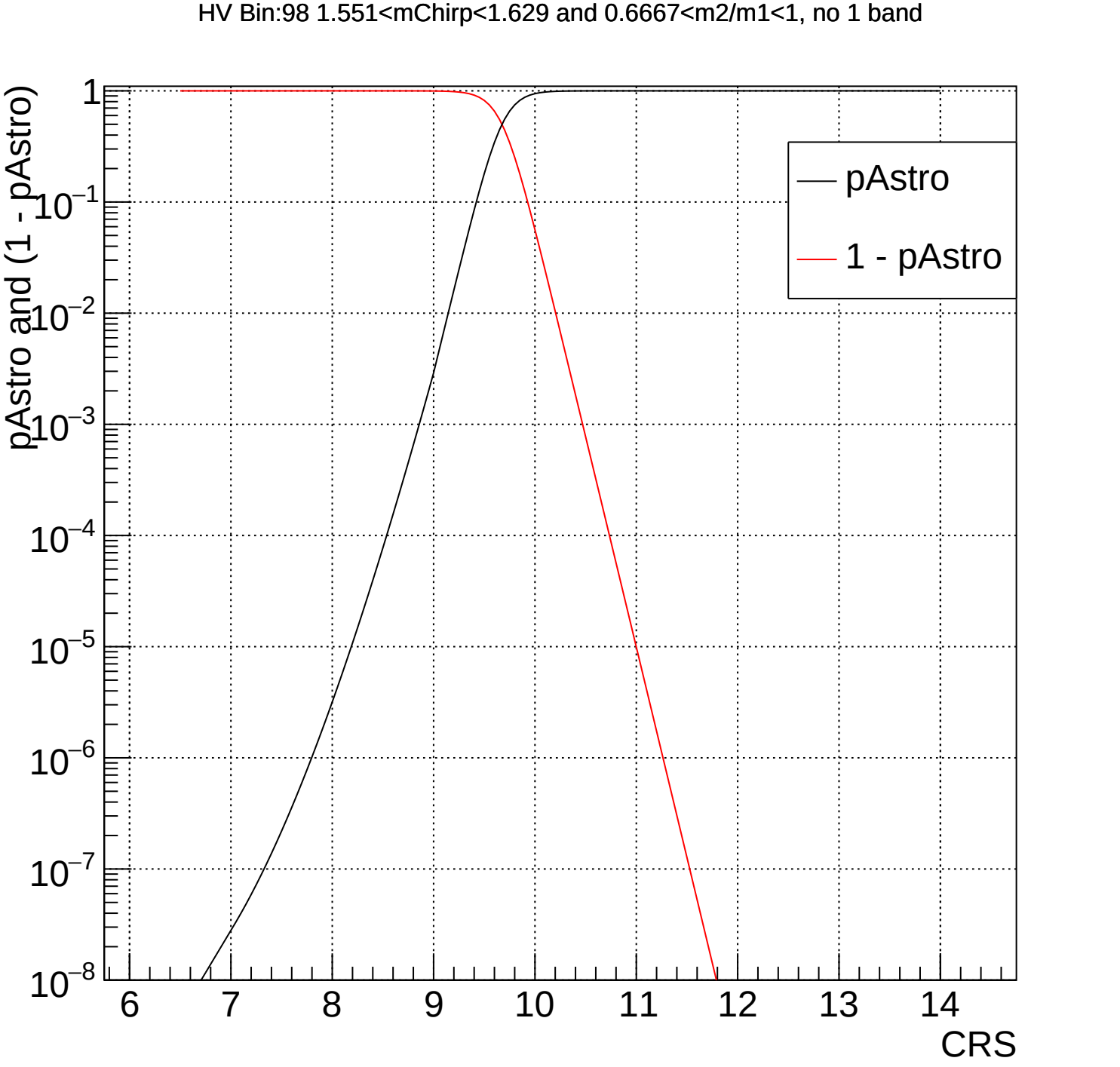
HV Bin:98 1.551<mChirp<1.629 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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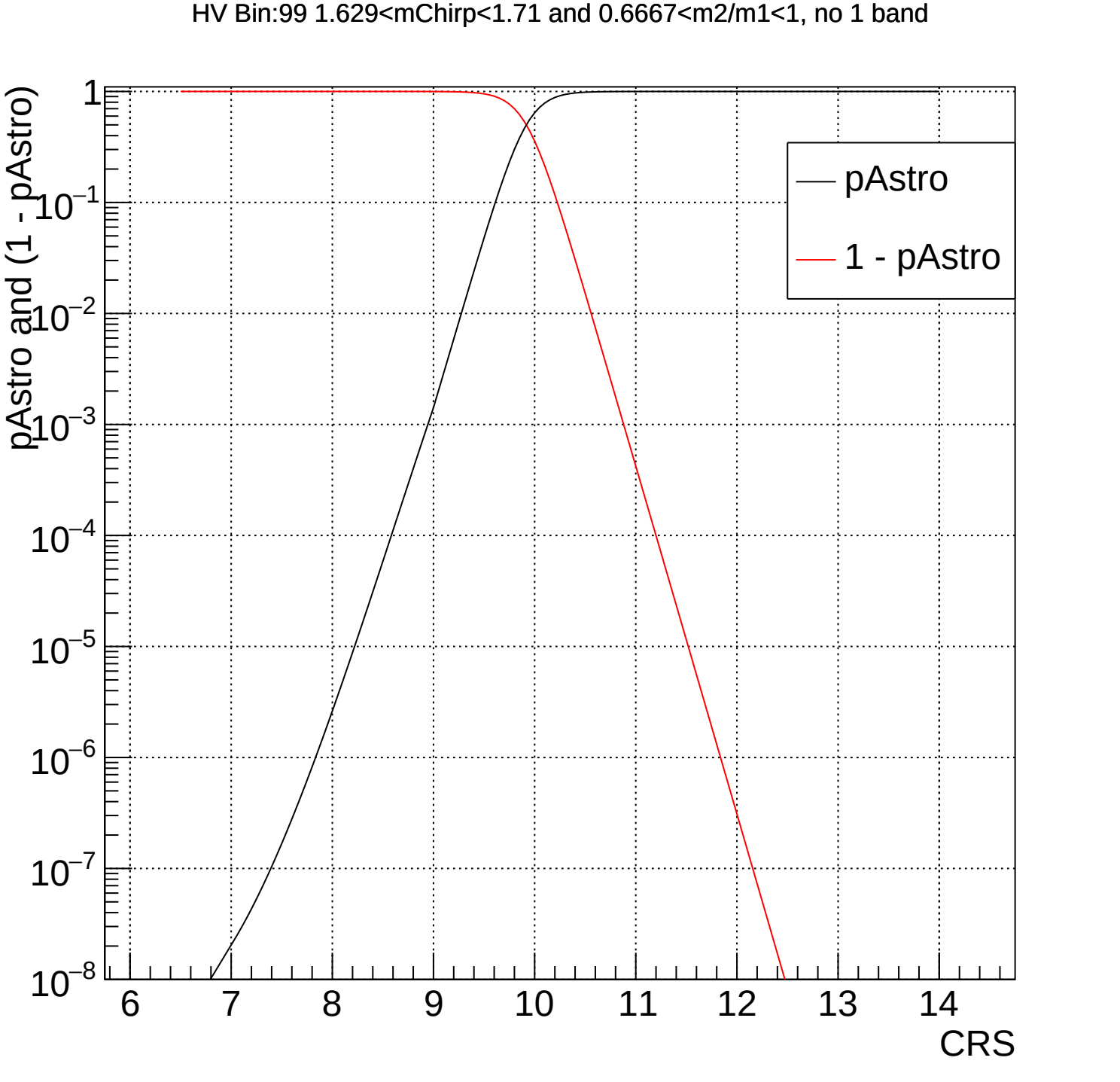
HV Bin:99 1.629<mChirp<1.71 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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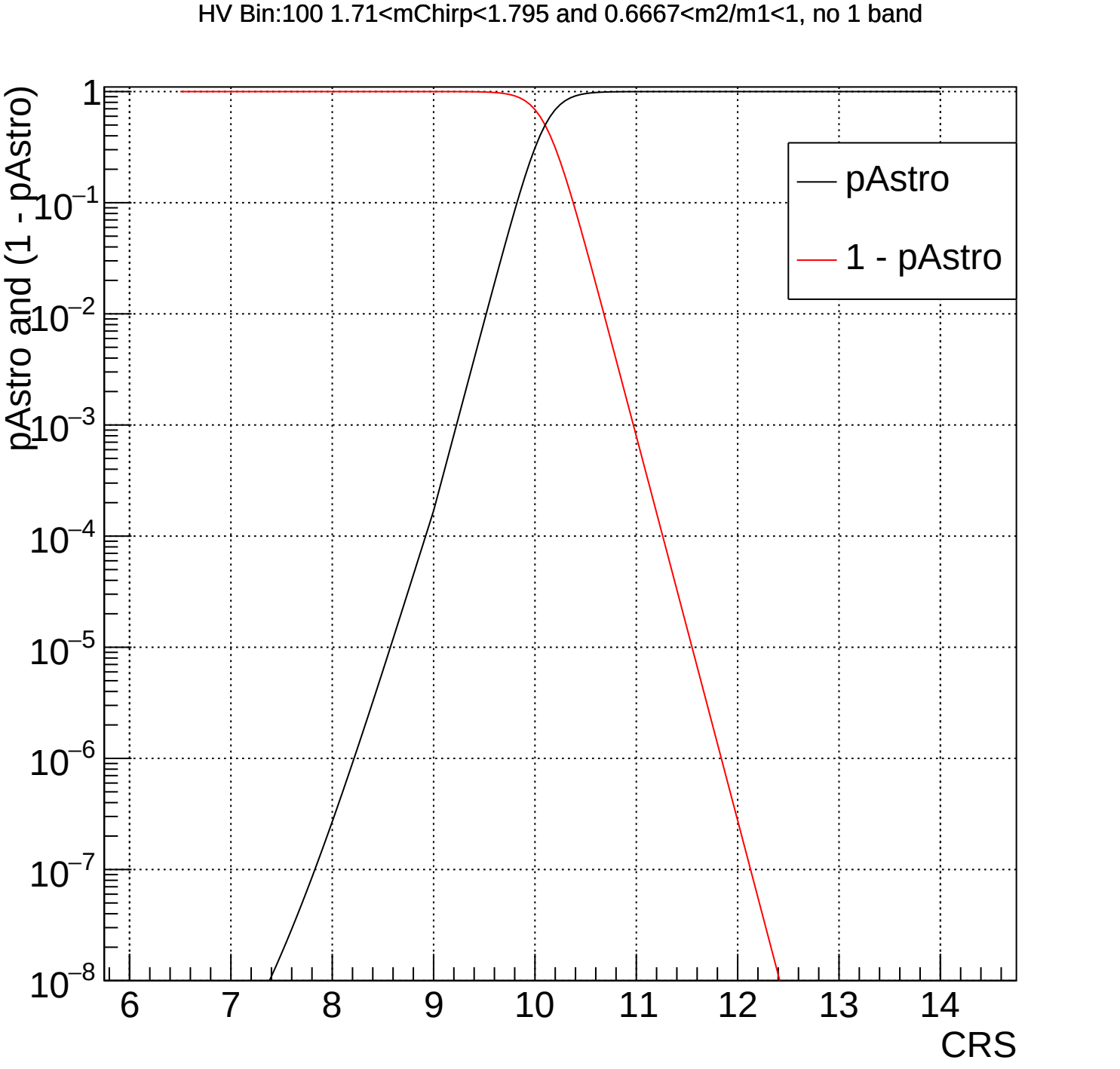
HV Bin:100 1.71<mChirp<1.795 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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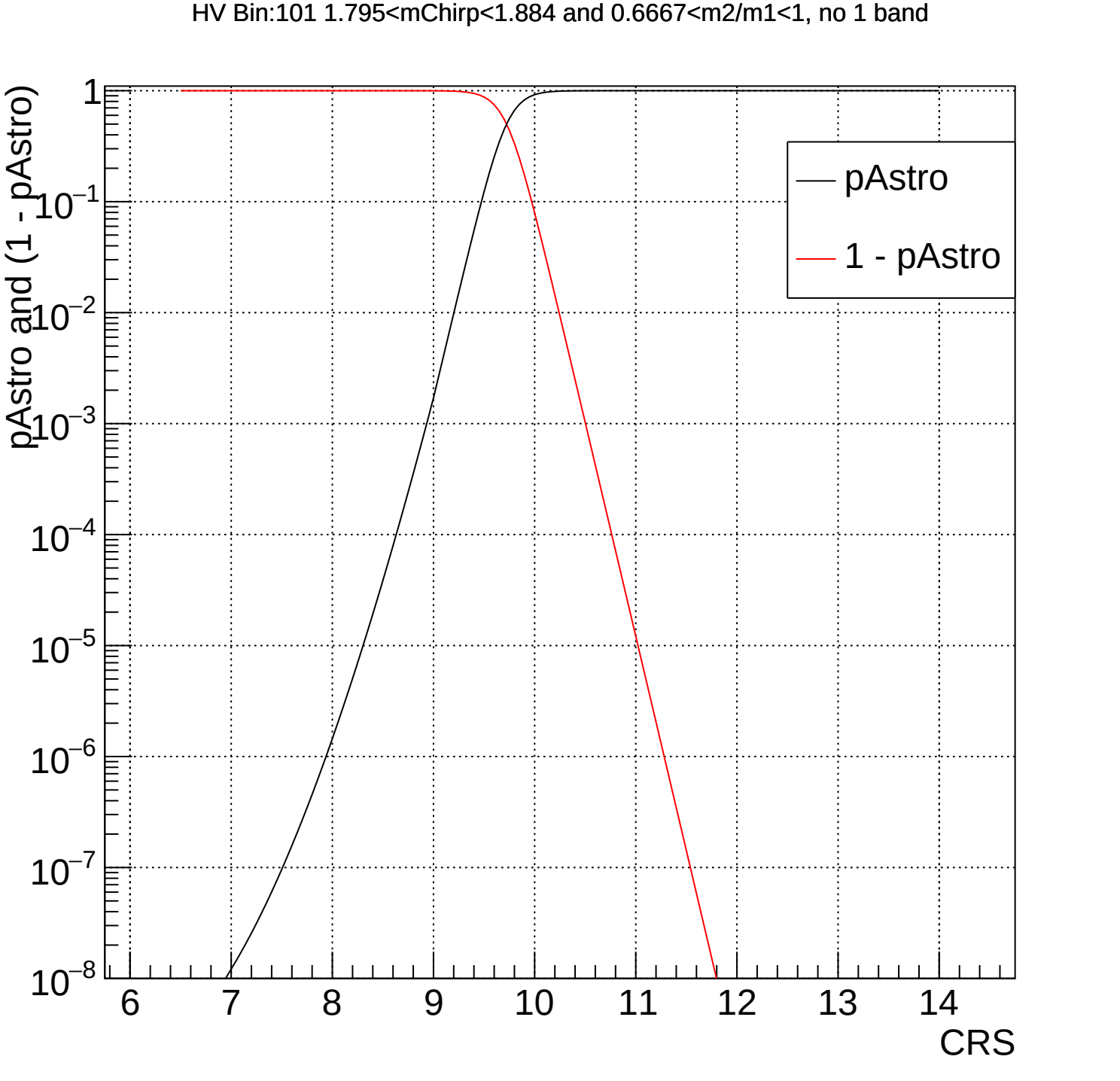
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pAstro and (1 - pAstro)
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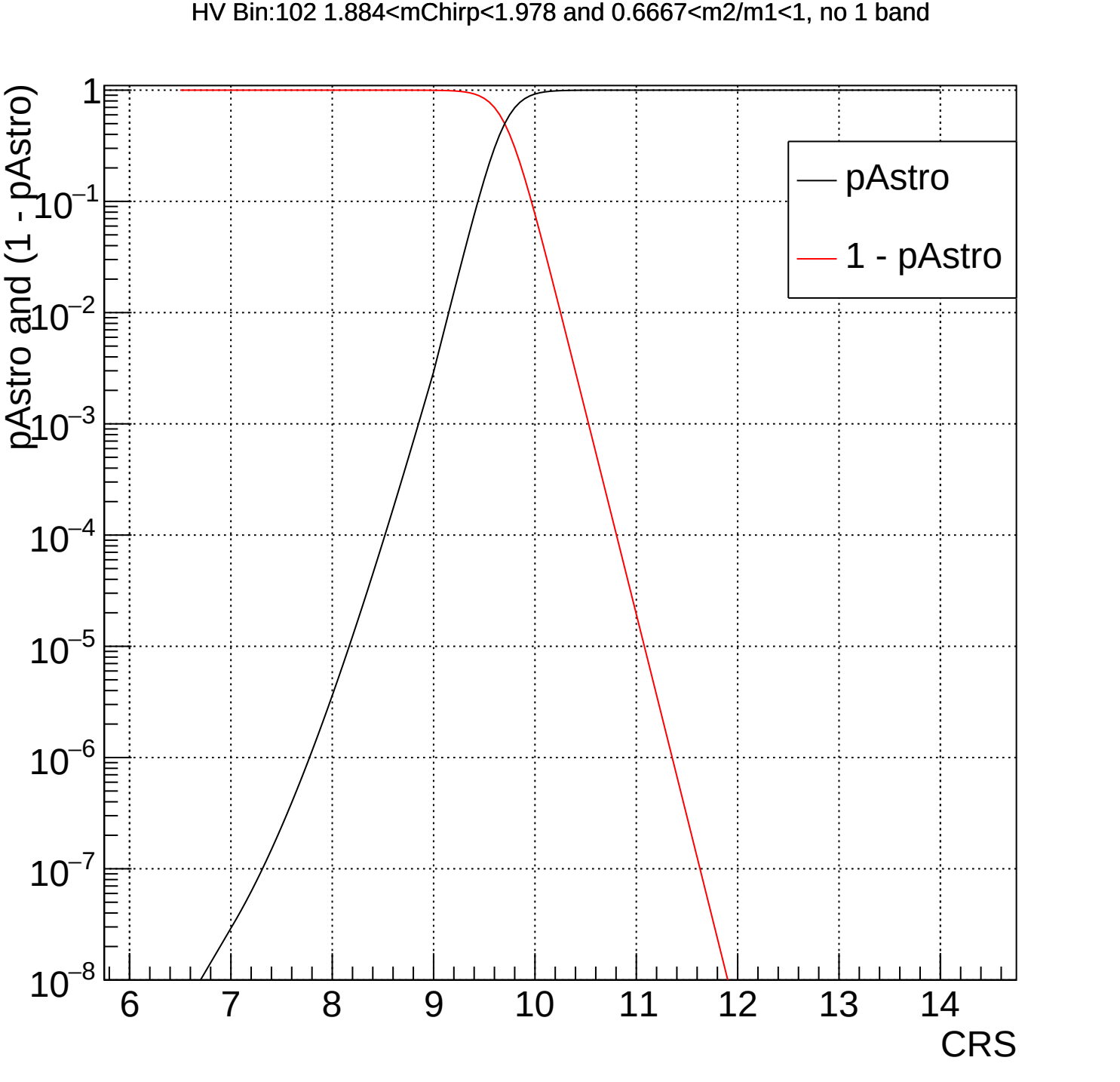
HV Bin:102 1.884<mChirp<1.978 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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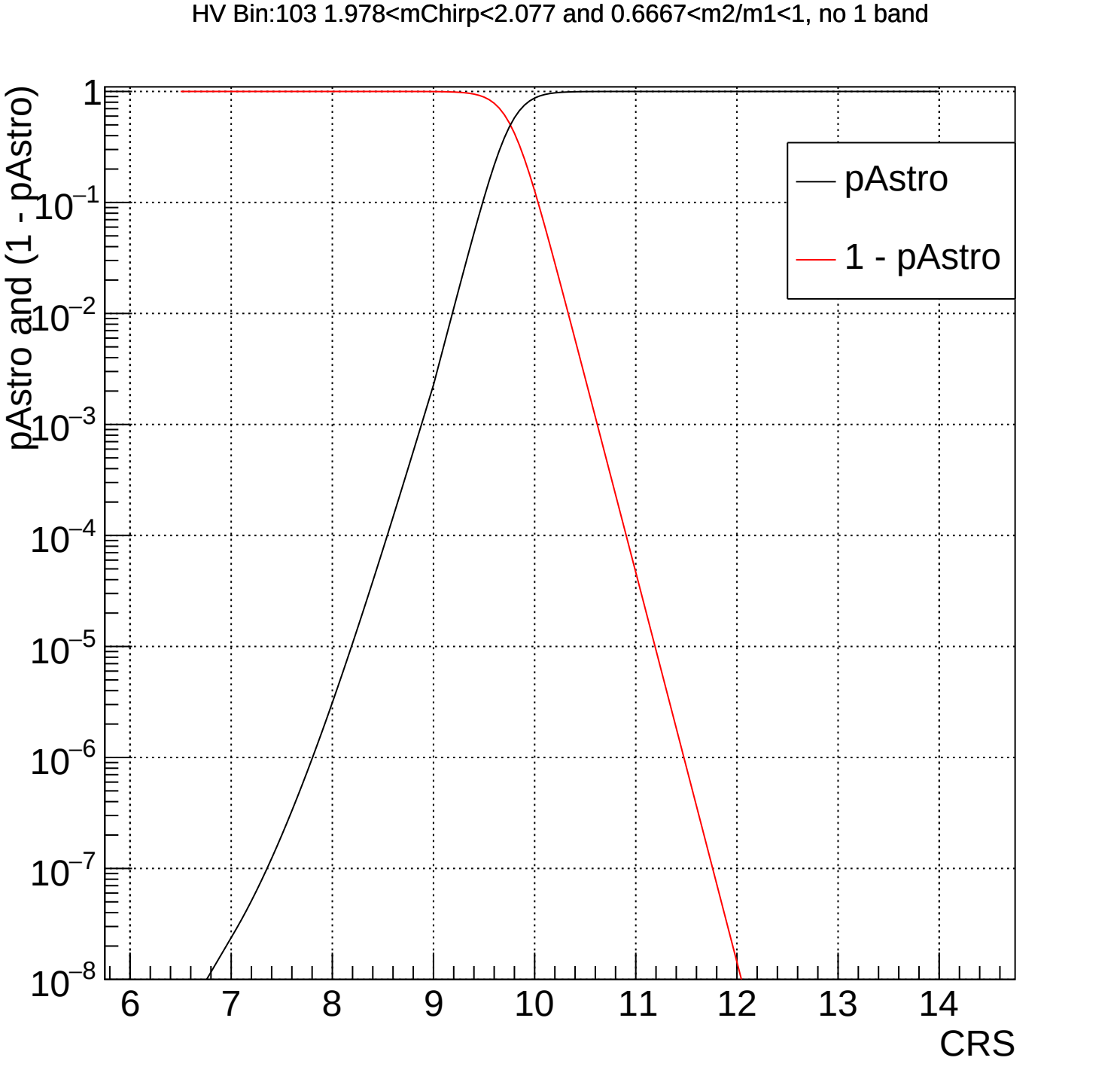
HV Bin:103 1.978<mChirp<2.077 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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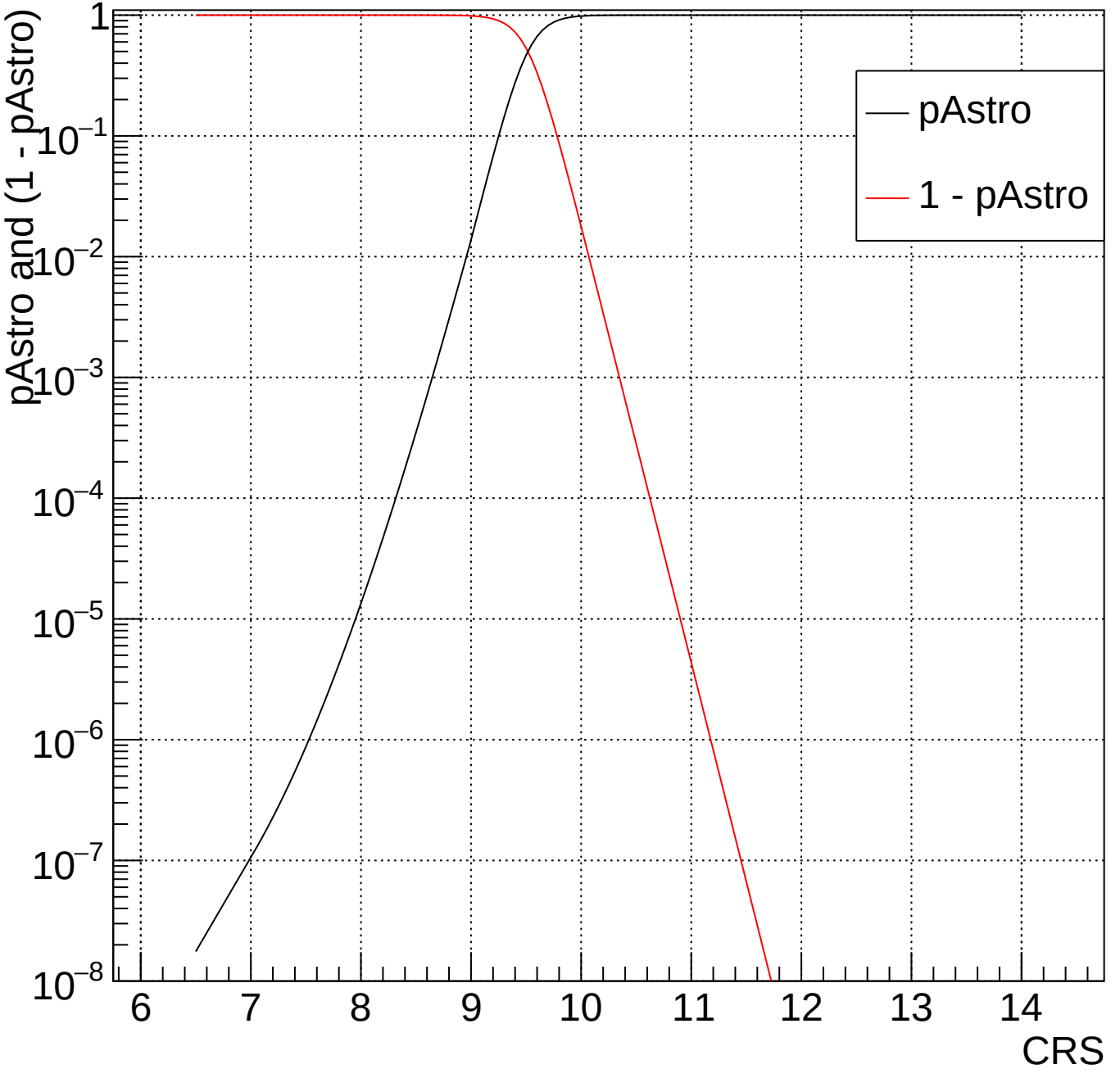
pAstro
1 - pAstro


HV Bin:104 2.077<mChirp<2.18 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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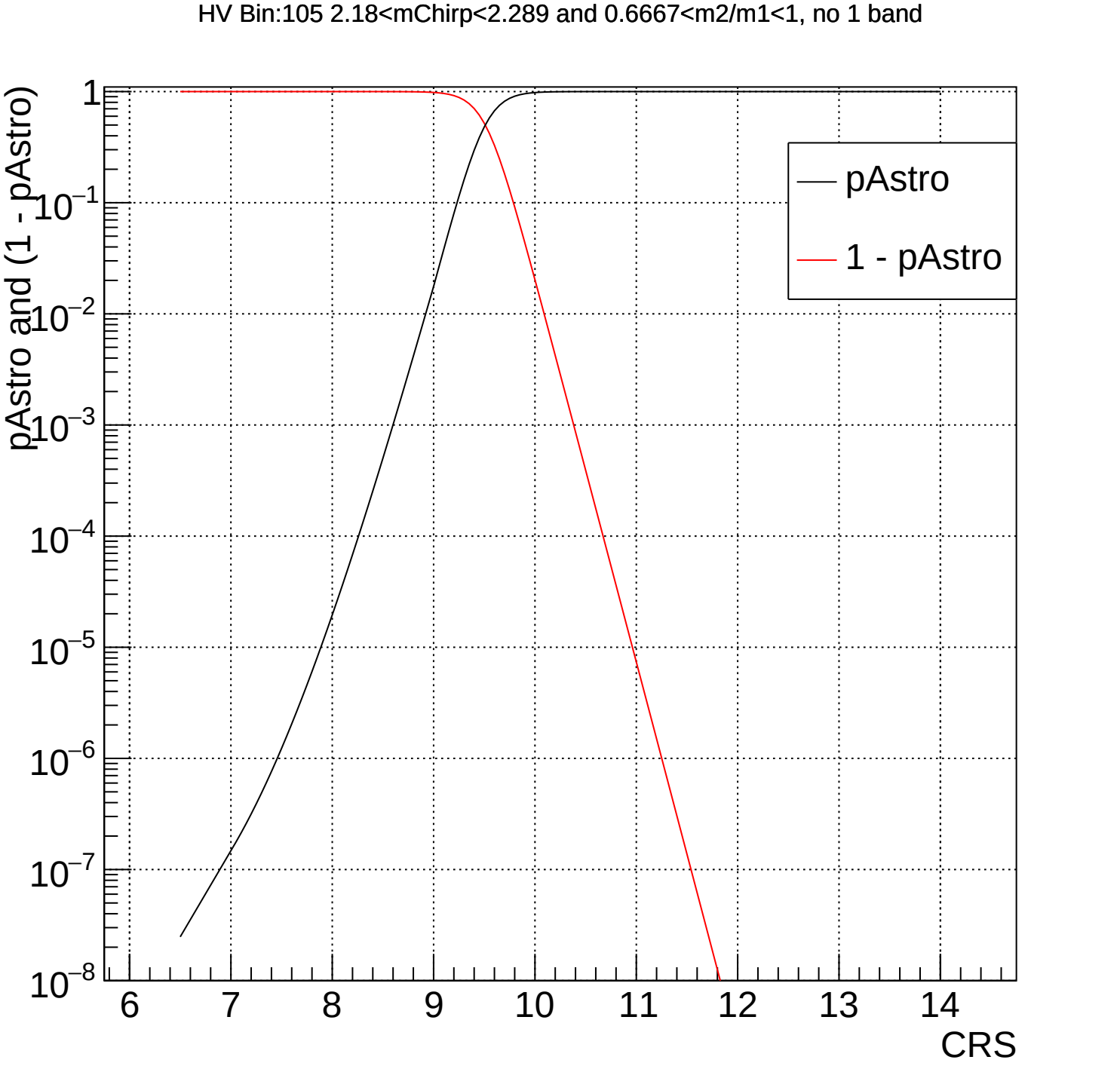
CRS
pAstro
1 - pAstro


HV Bin:105 2.18<mChirp<2.289 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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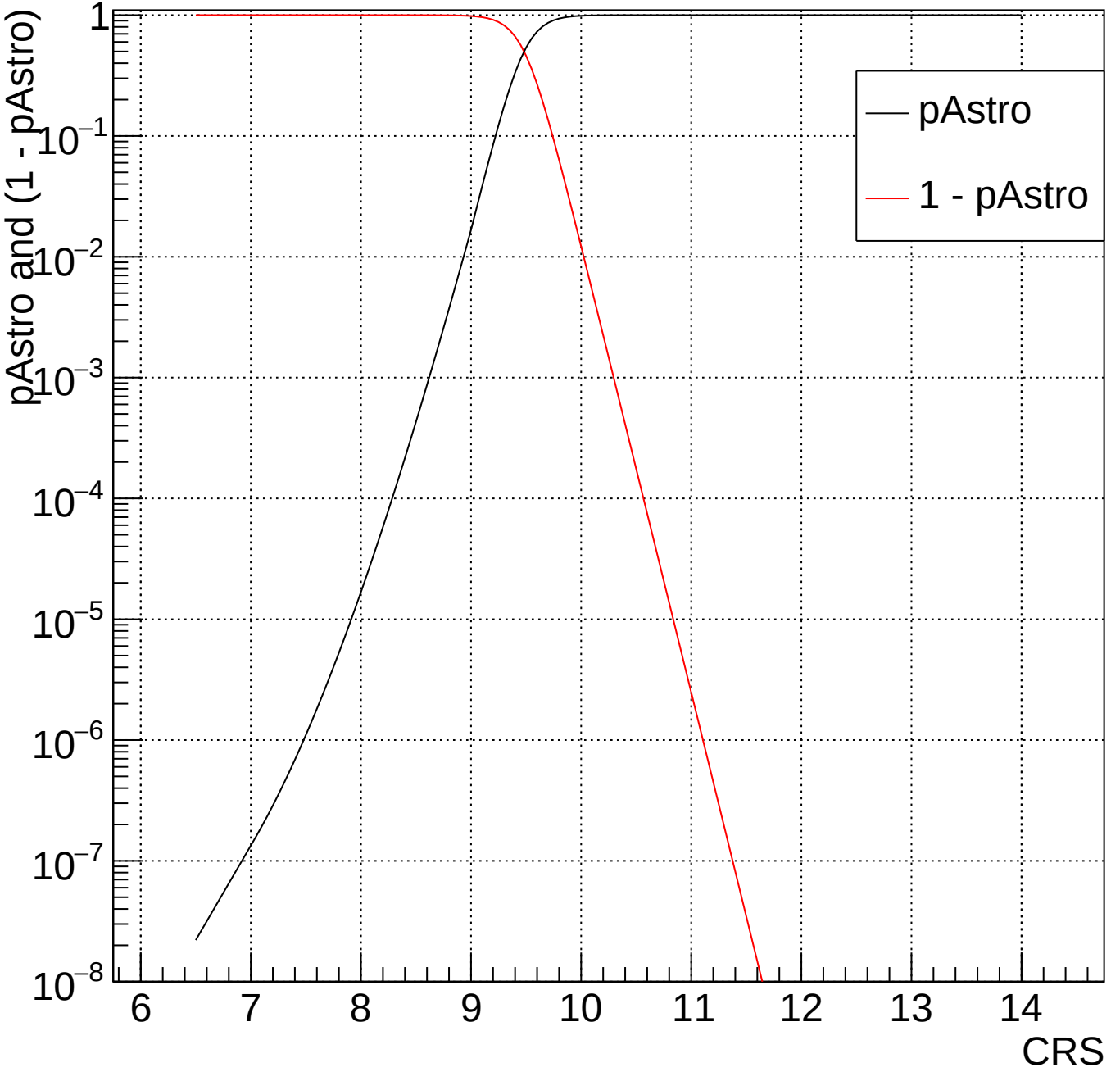
CRS
pAstro
1 - pAstro


HV Bin:106 2.289<mChirp<2.403 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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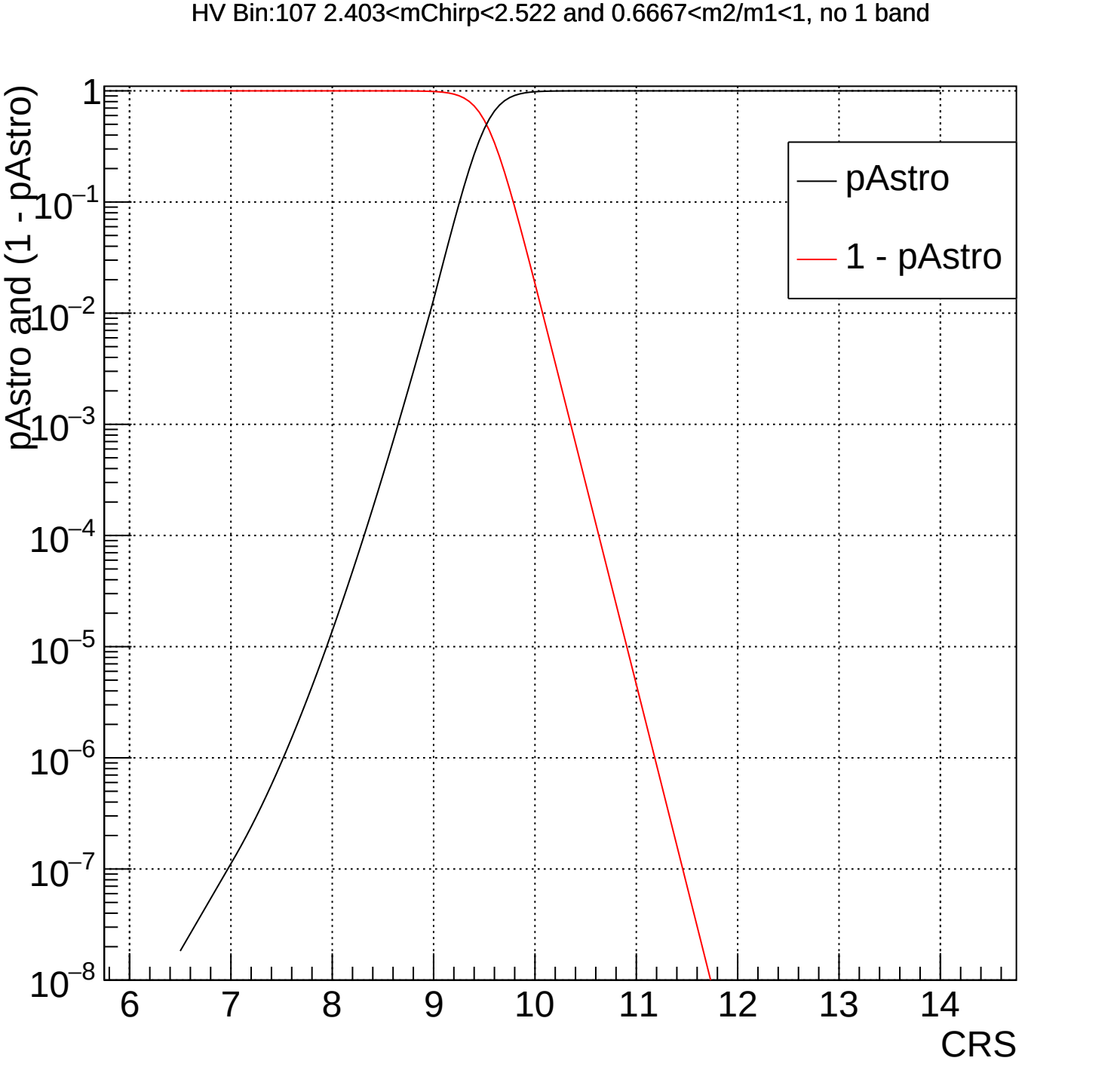
CRS
pAstro
1 - pAstro


HV Bin:107 2.403<mChirp<2.522 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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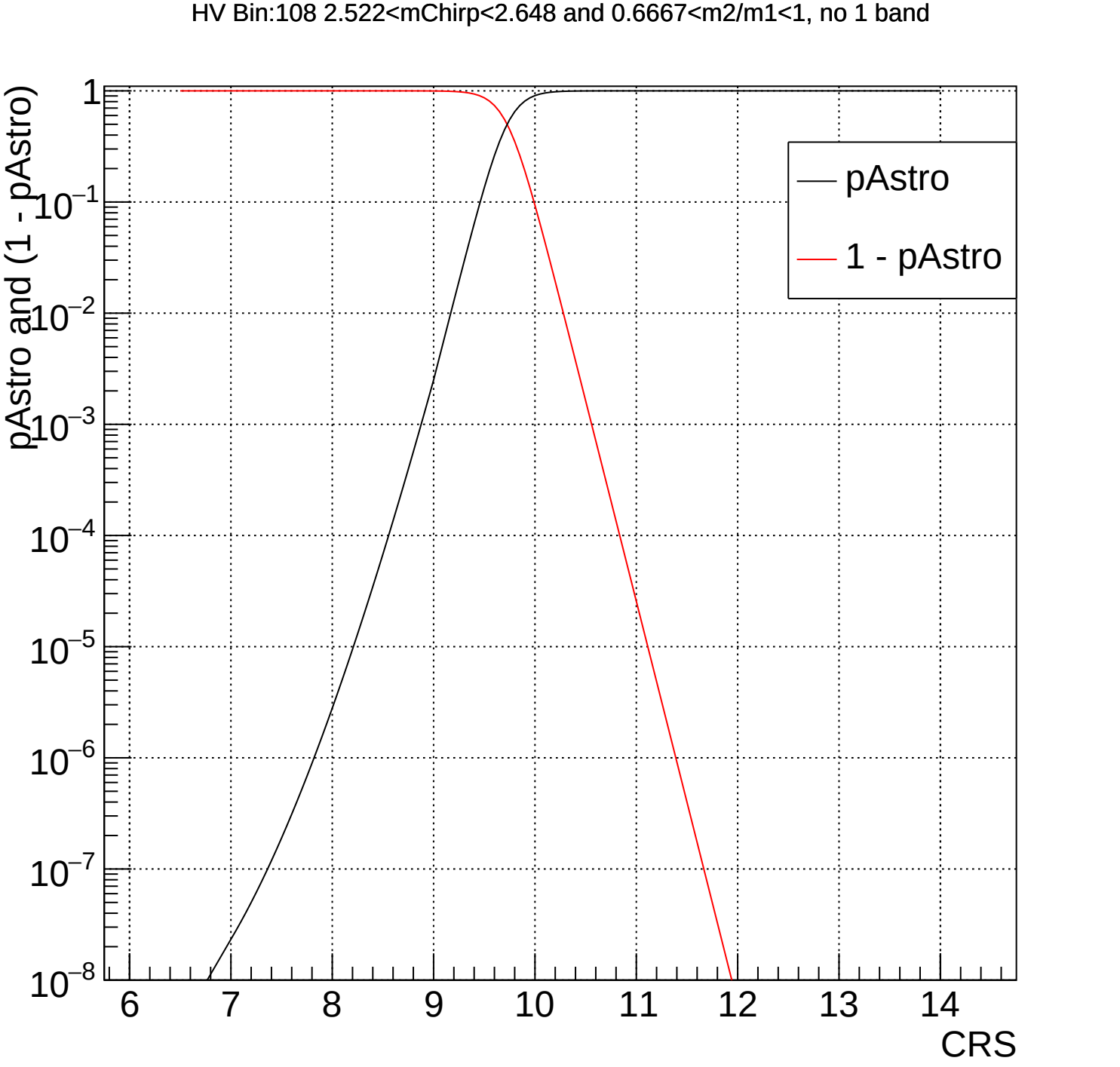
CRS
pAstro
1 - pAstro


HV Bin:108 2.522<mChirp<2.648 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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CRS
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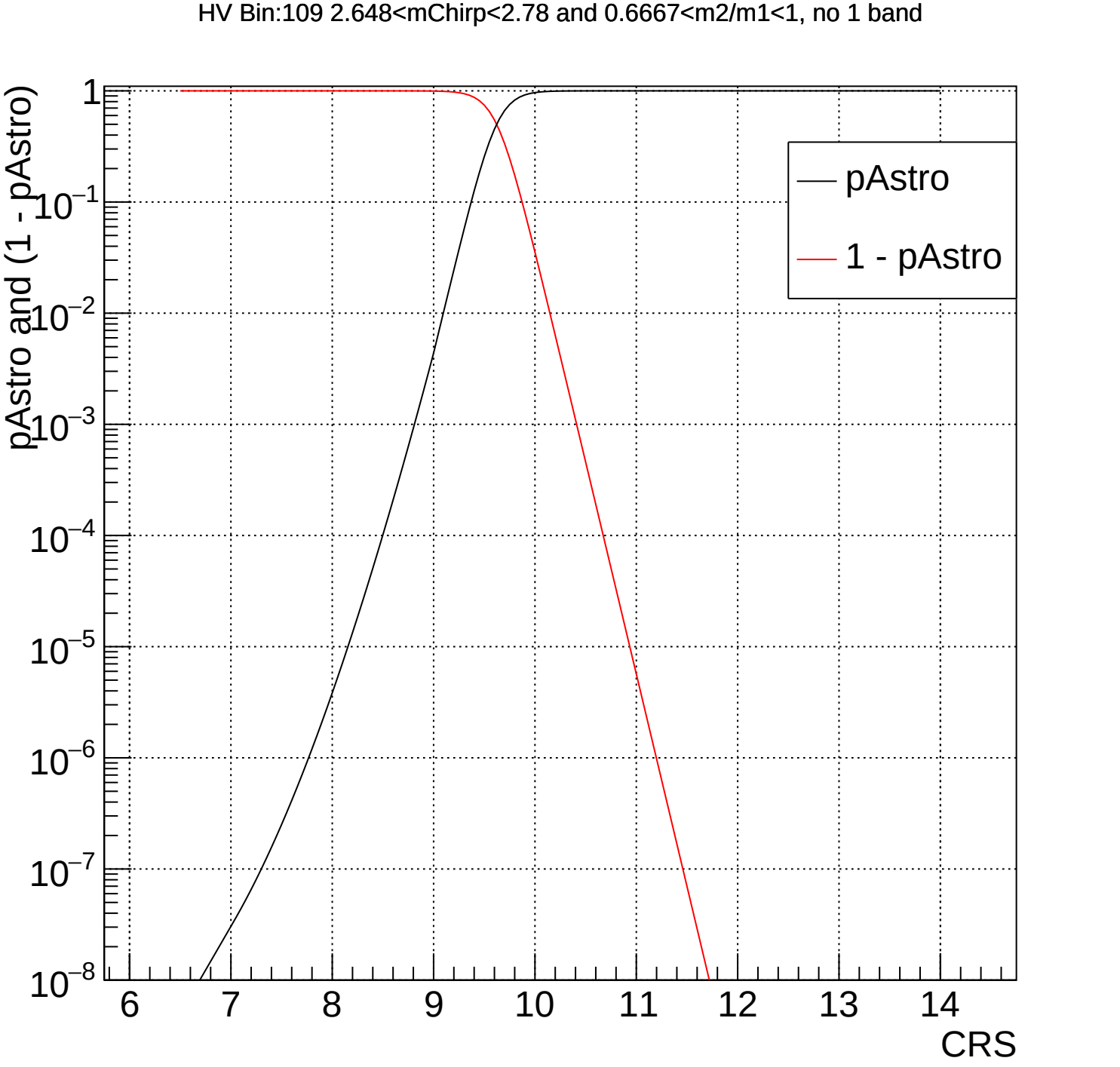
1 - pAstro


HV Bin:109 2.648<mChirp<2.78 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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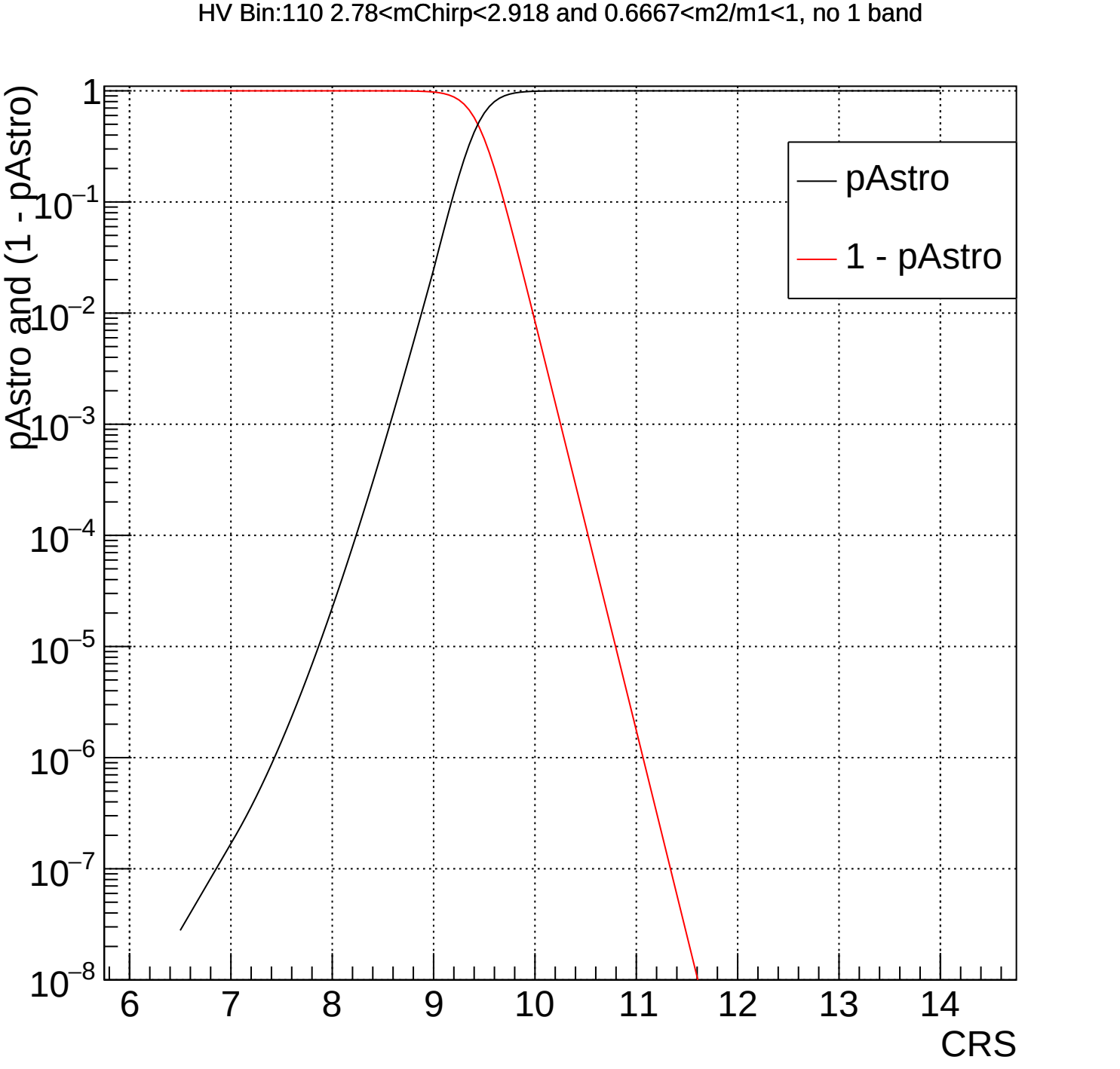
pAstro
1 - pAstro


HV Bin:110 2.78<mChirp<2.918 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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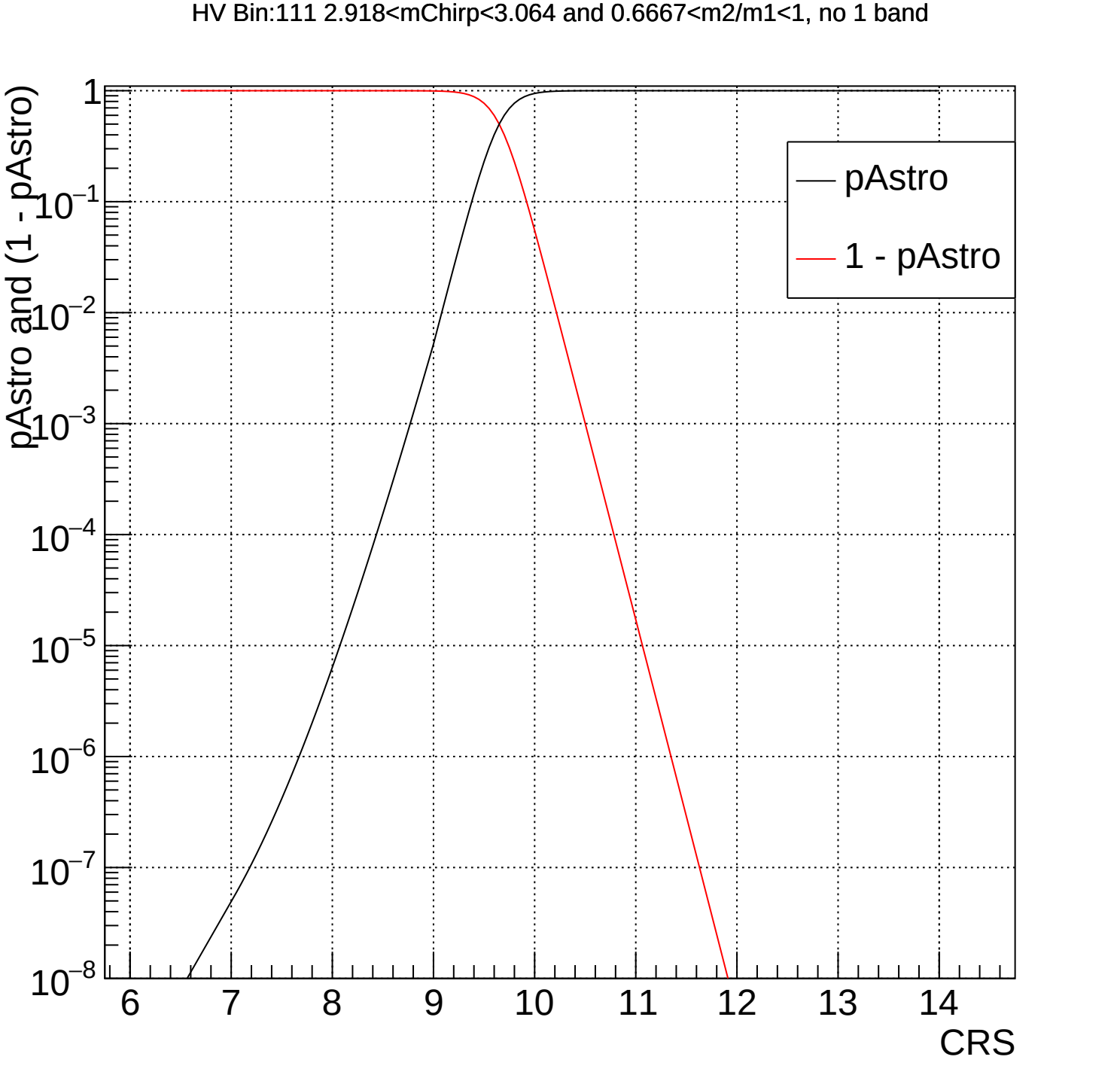
pAstro
1 - pAstro


HV Bin:111 2.918<mChirp<3.064 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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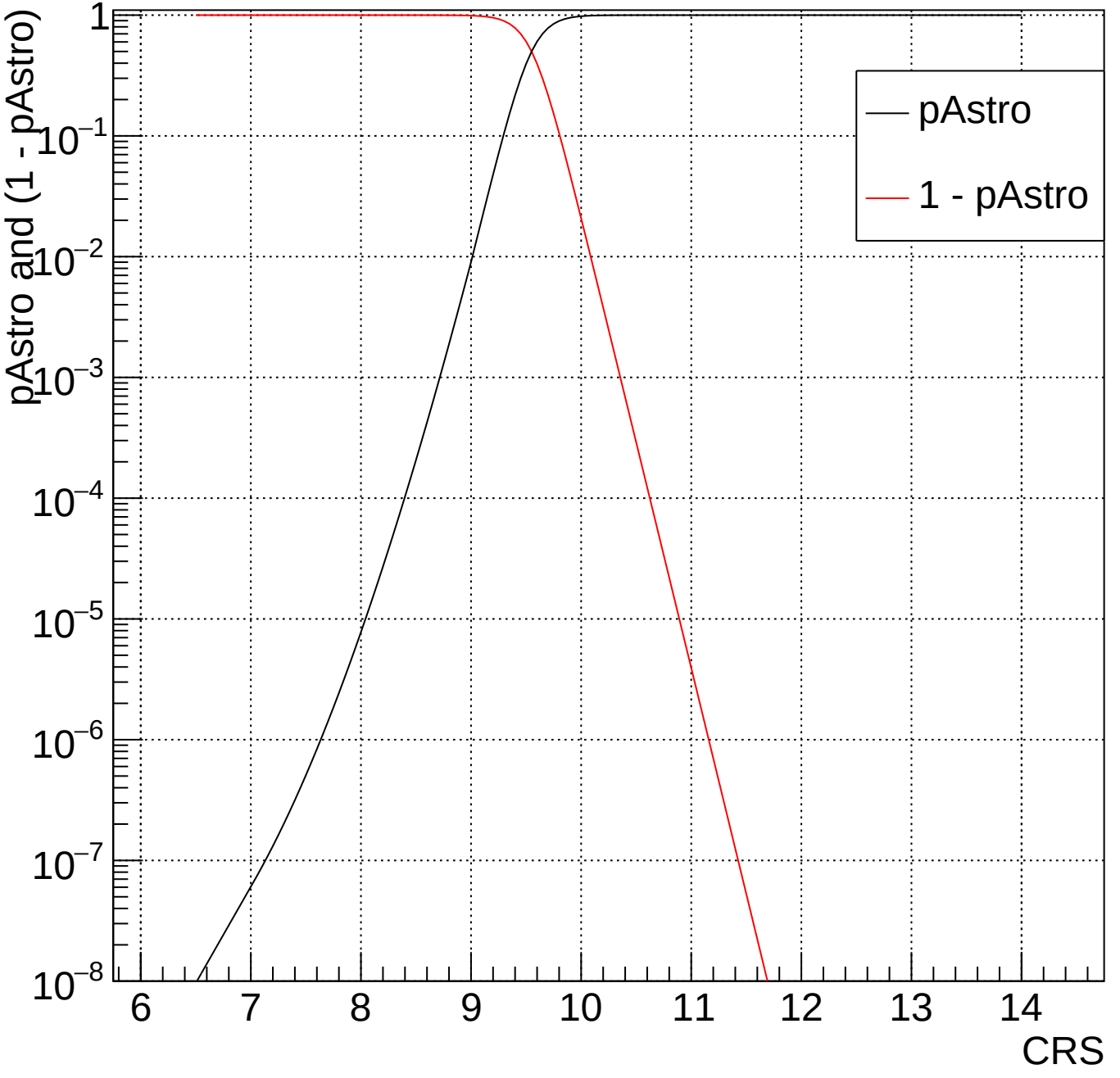
pAstro
1 - pAstro


HV Bin:112 3.064<mChirp<3.216 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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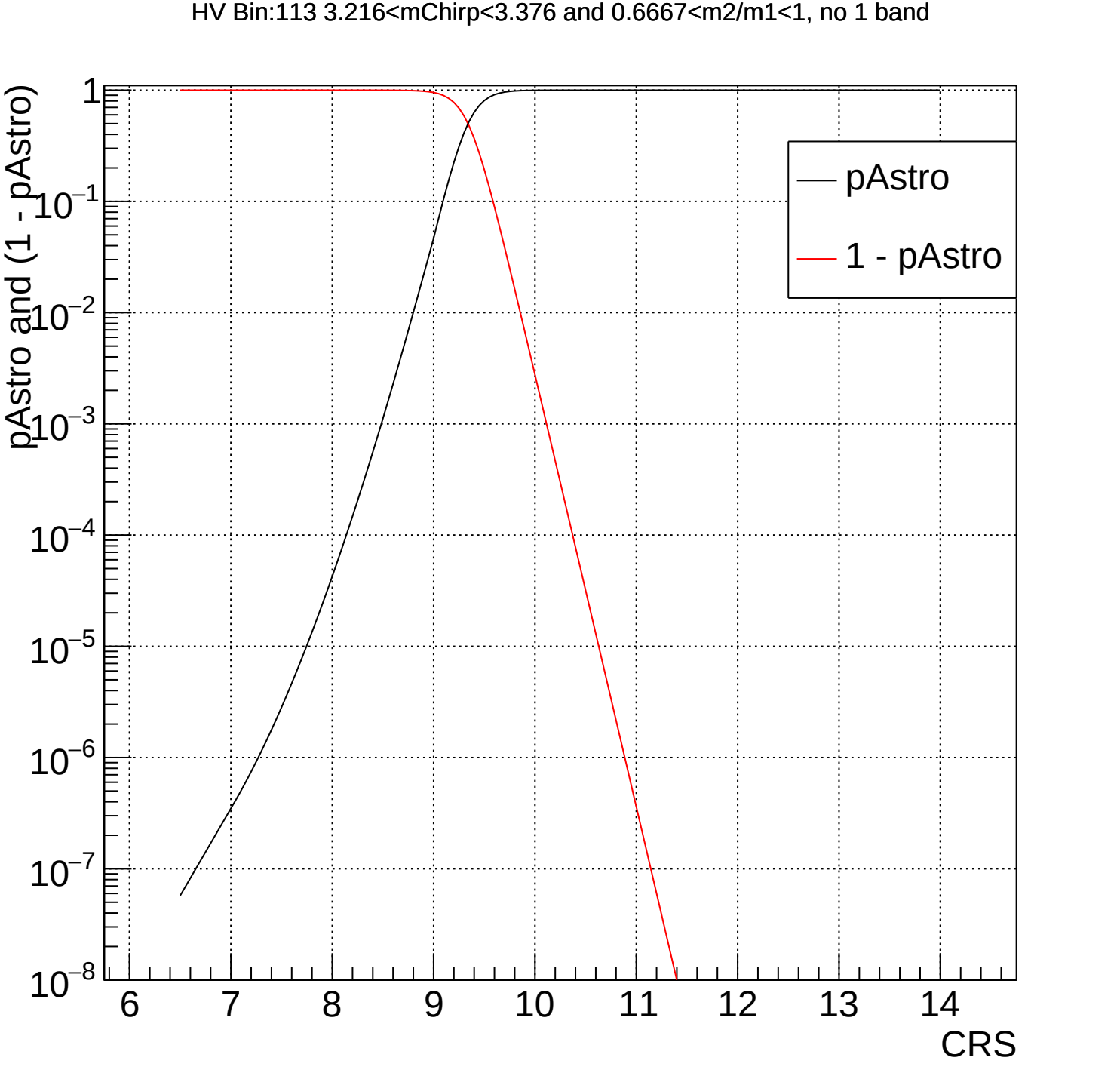
HV Bin:113 3.216<mChirp<3.376 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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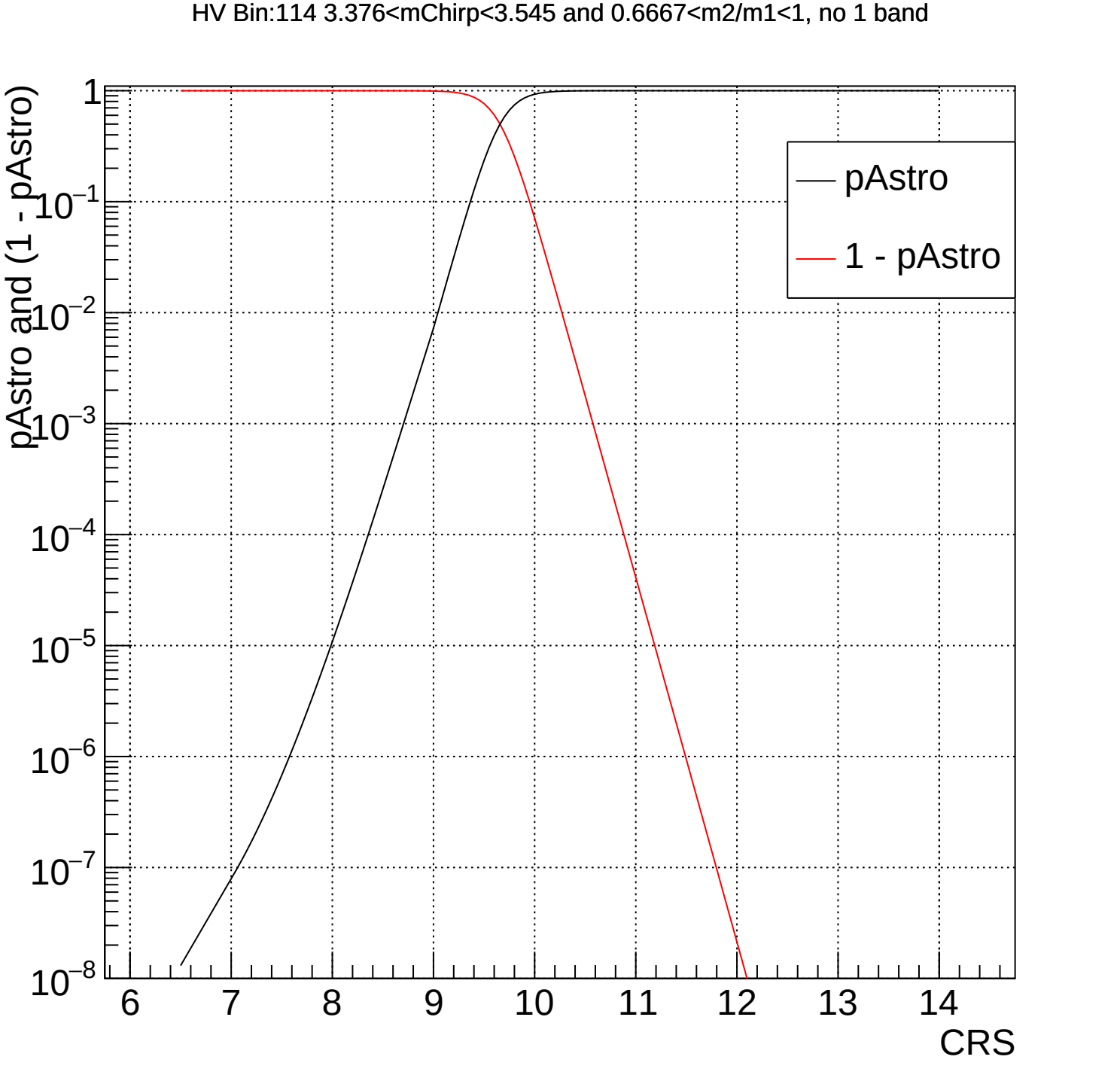
pAstro
1 - pAstro


HV Bin:114 3.376<mChirp<3.545 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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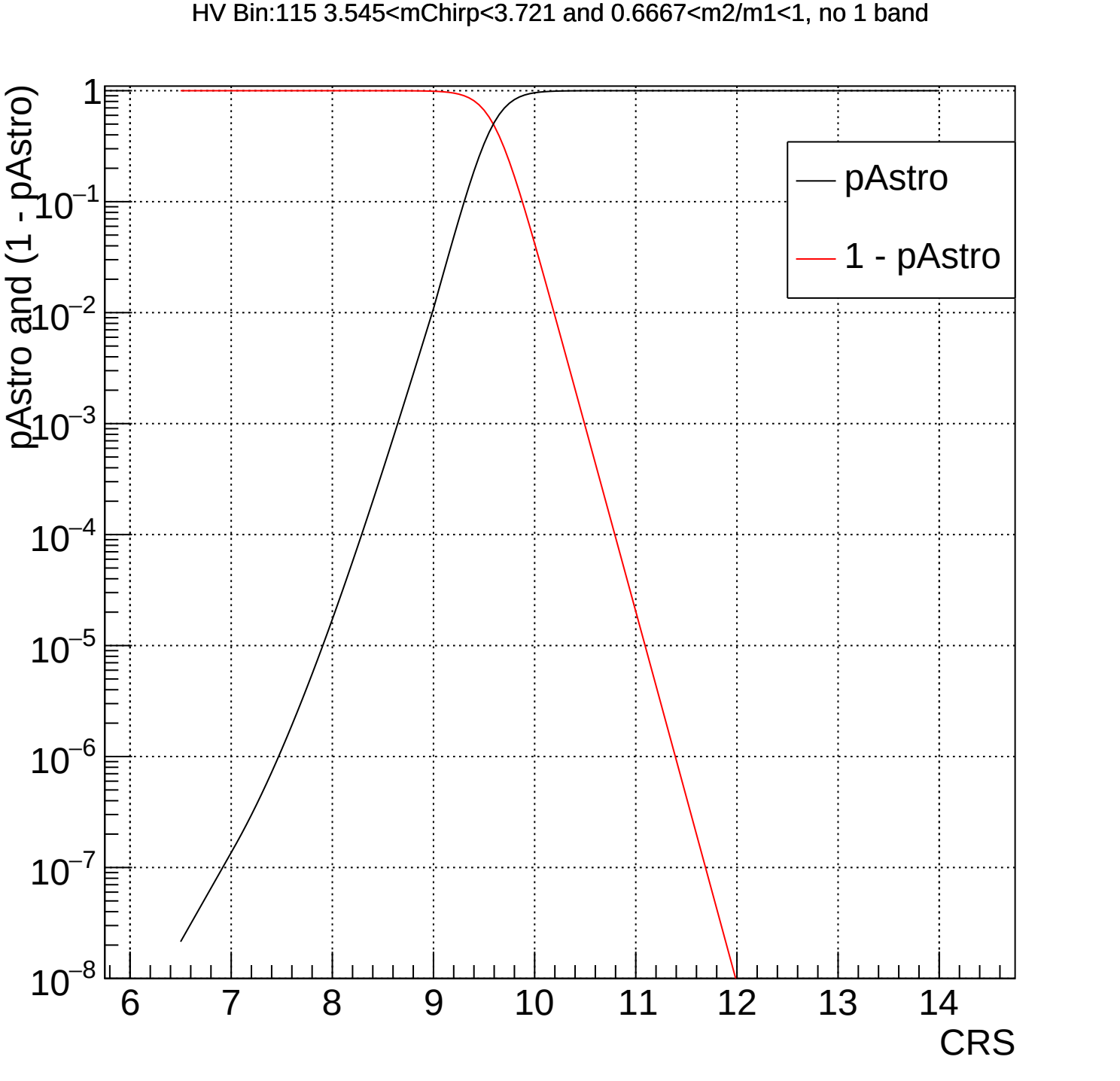
HV Bin:115 3.545<mChirp<3.721 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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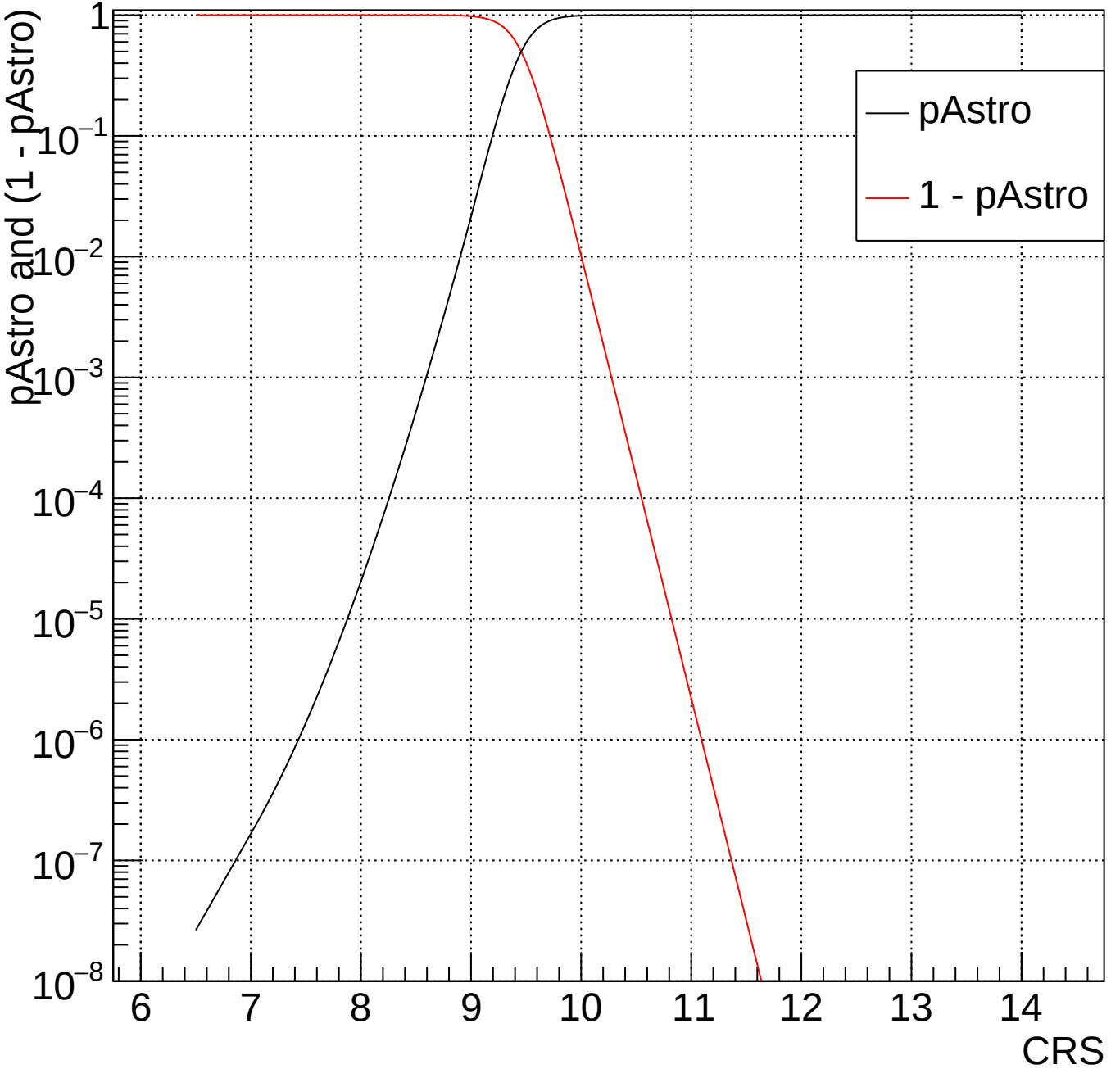
HV Bin:116 3.721<mChirp<3.907 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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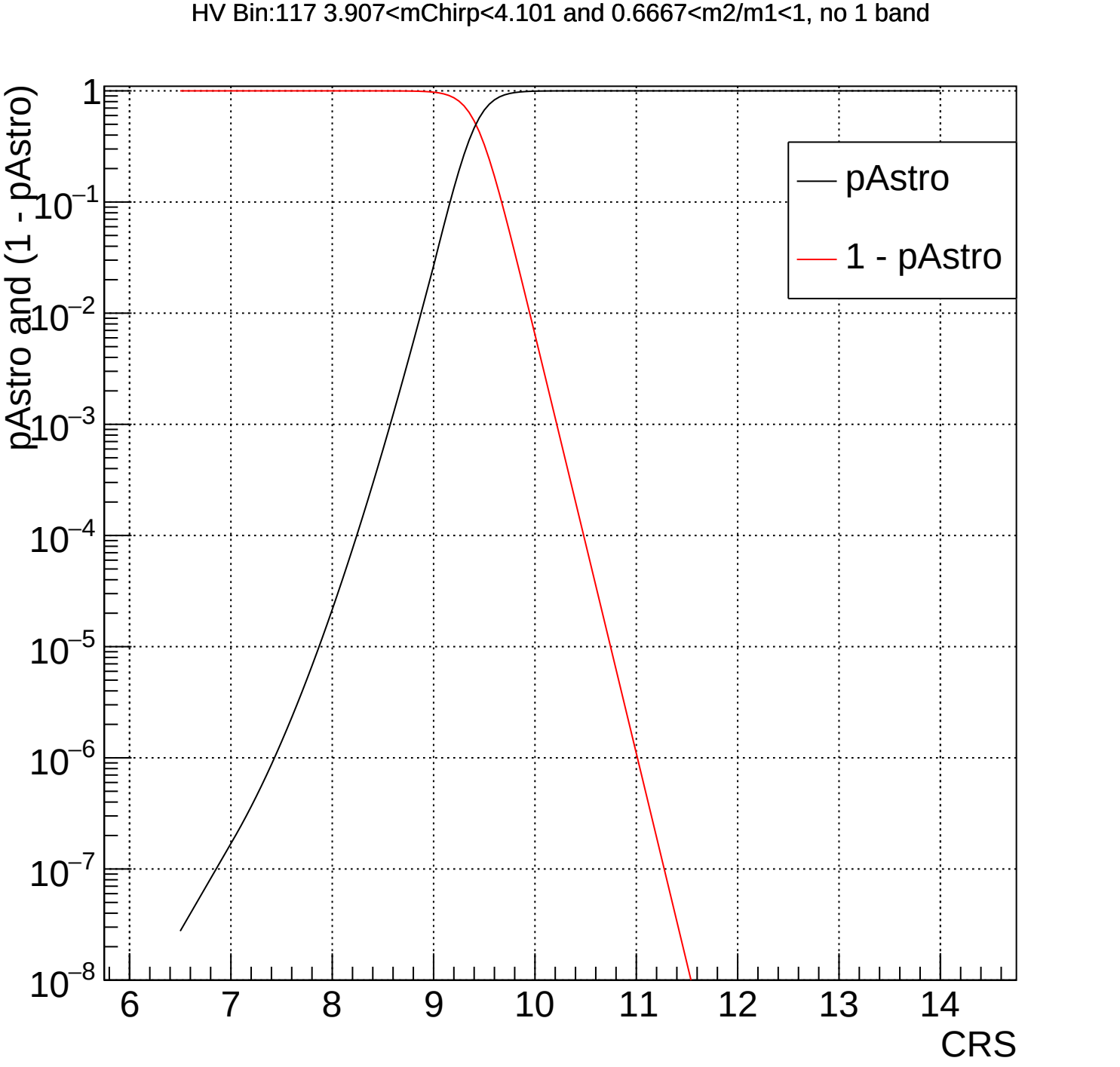
HV Bin:117 3.907<mChirp<4.101 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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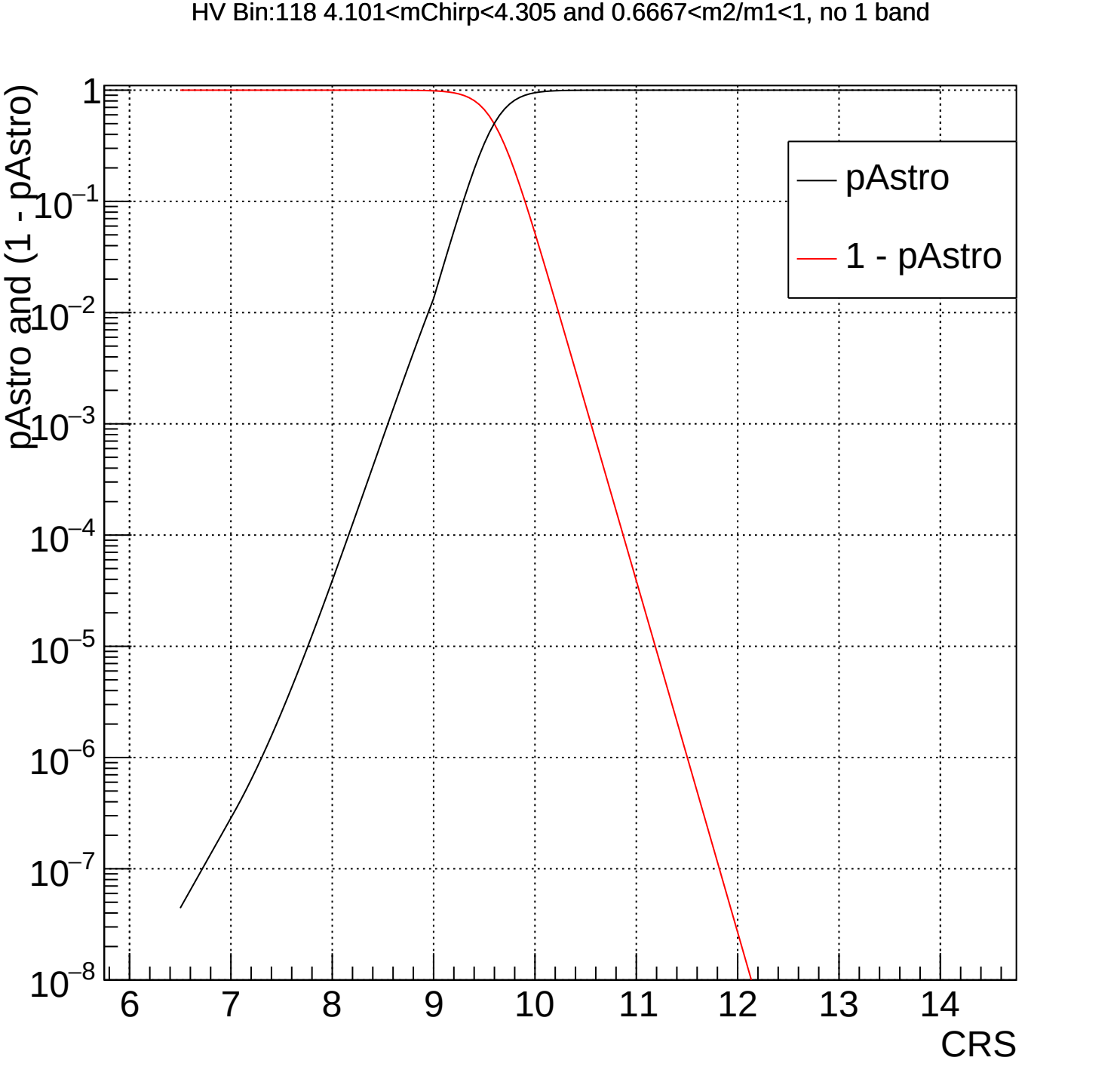
HV Bin:118 4.101<mChirp<4.305 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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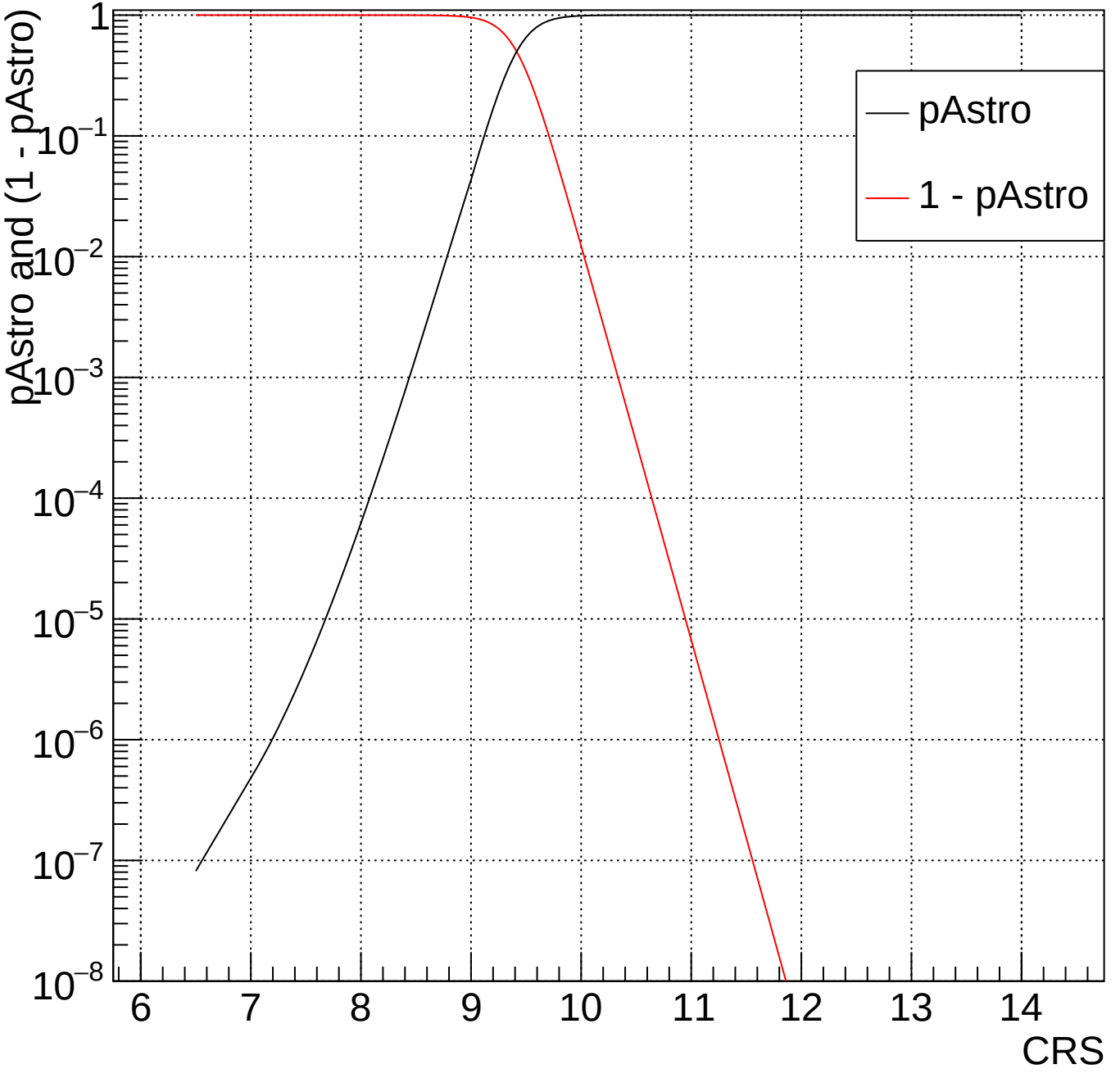
HV Bin:119 4.305<mChirp<4.52 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
CRS
pAstro
1 - pAstro
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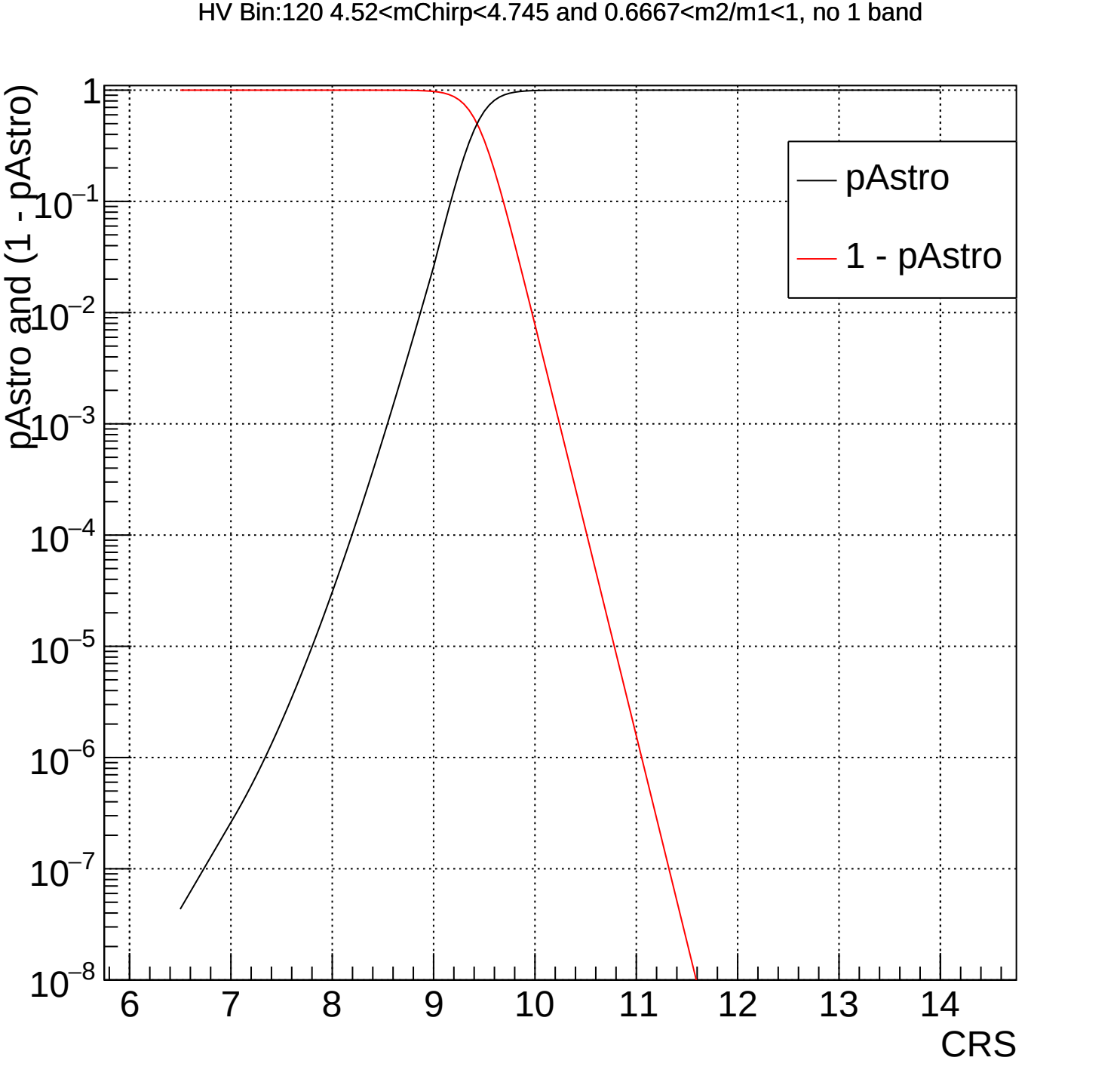
HV Bin:120 4.52<mChirp<4.745 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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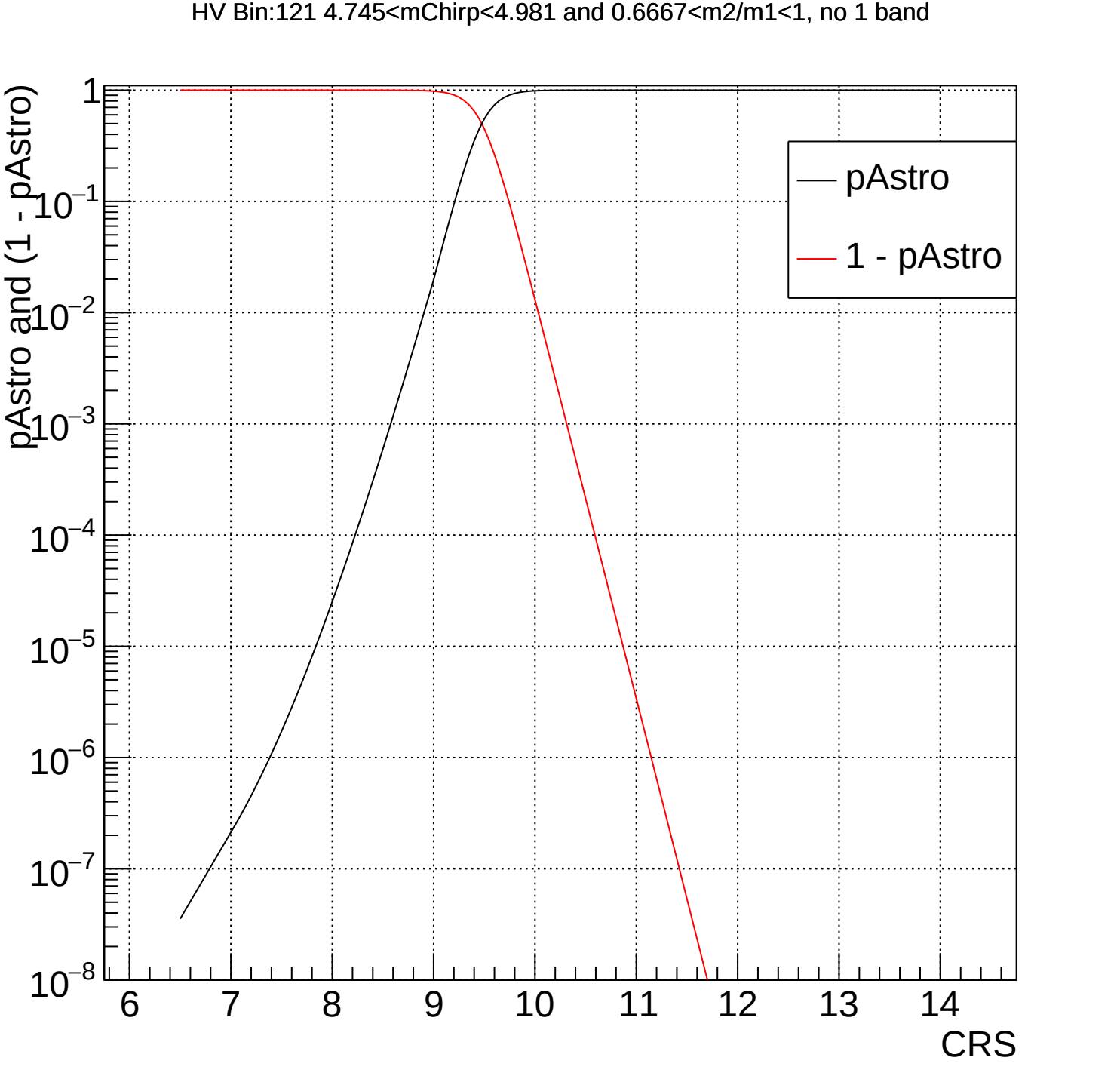
HV Bin:121 4.745<mChirp<4.981 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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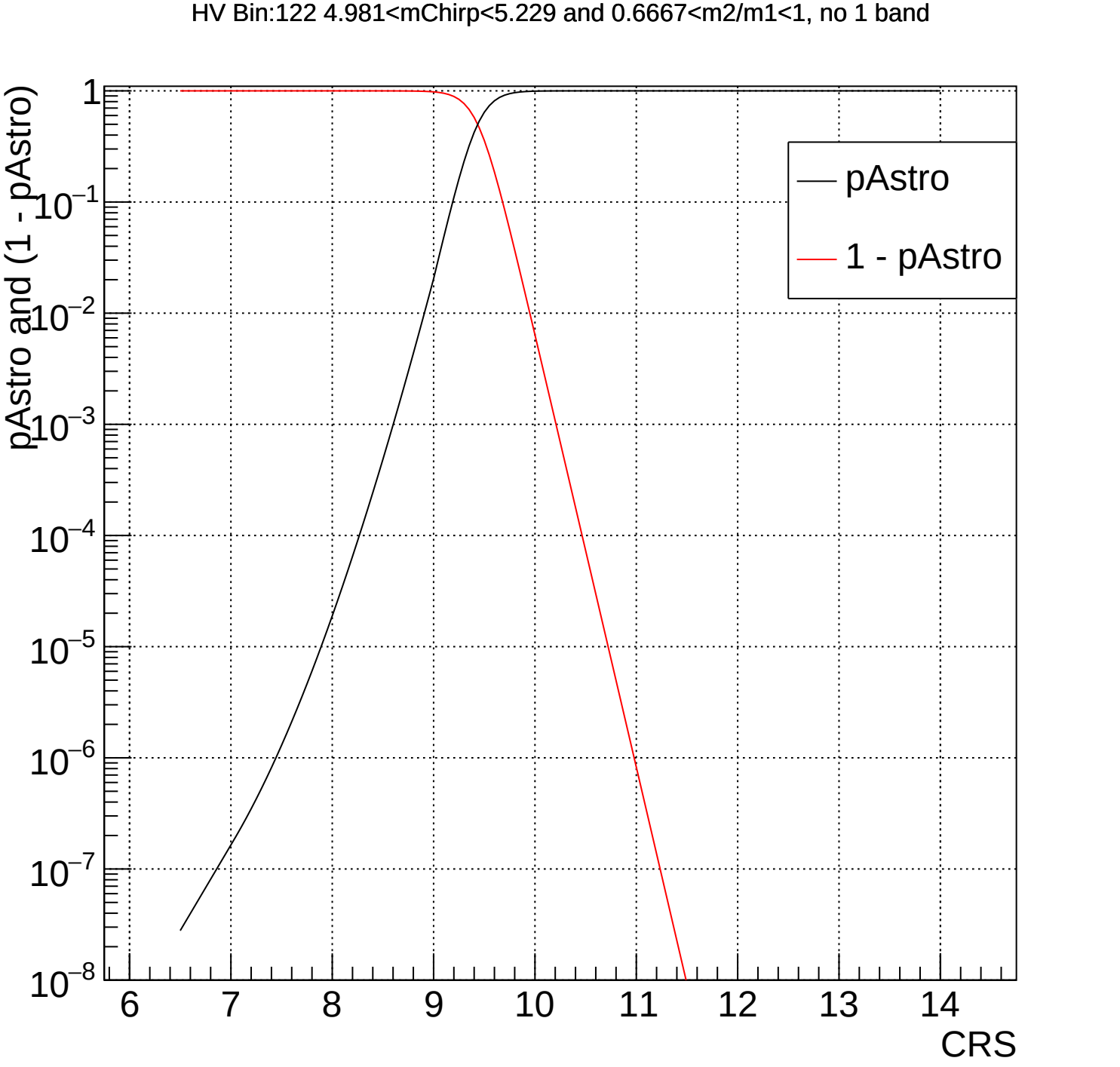
HV Bin:122 4.981<mChirp<5.229 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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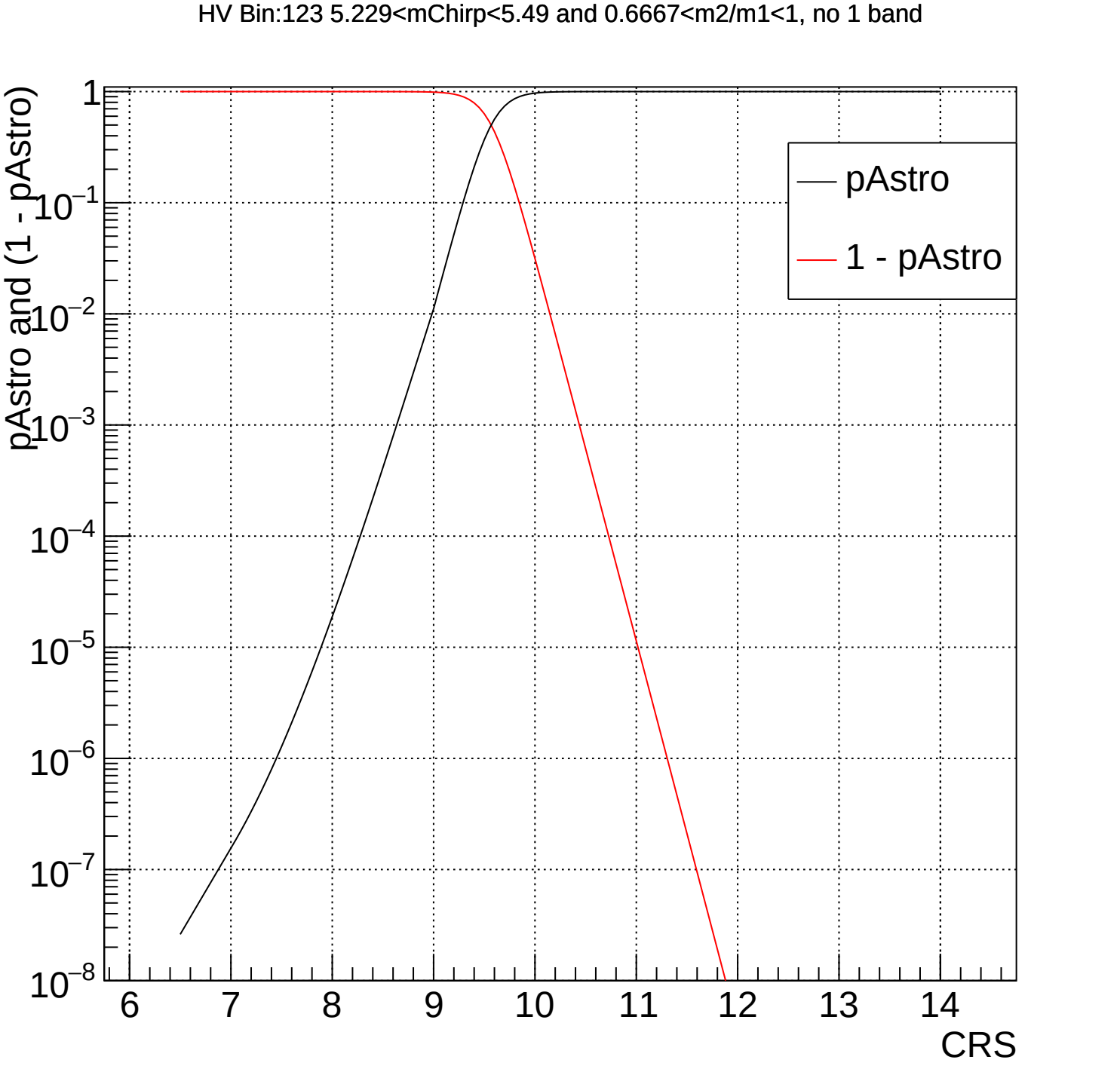
HV Bin:123 5.229<mChirp<5.49 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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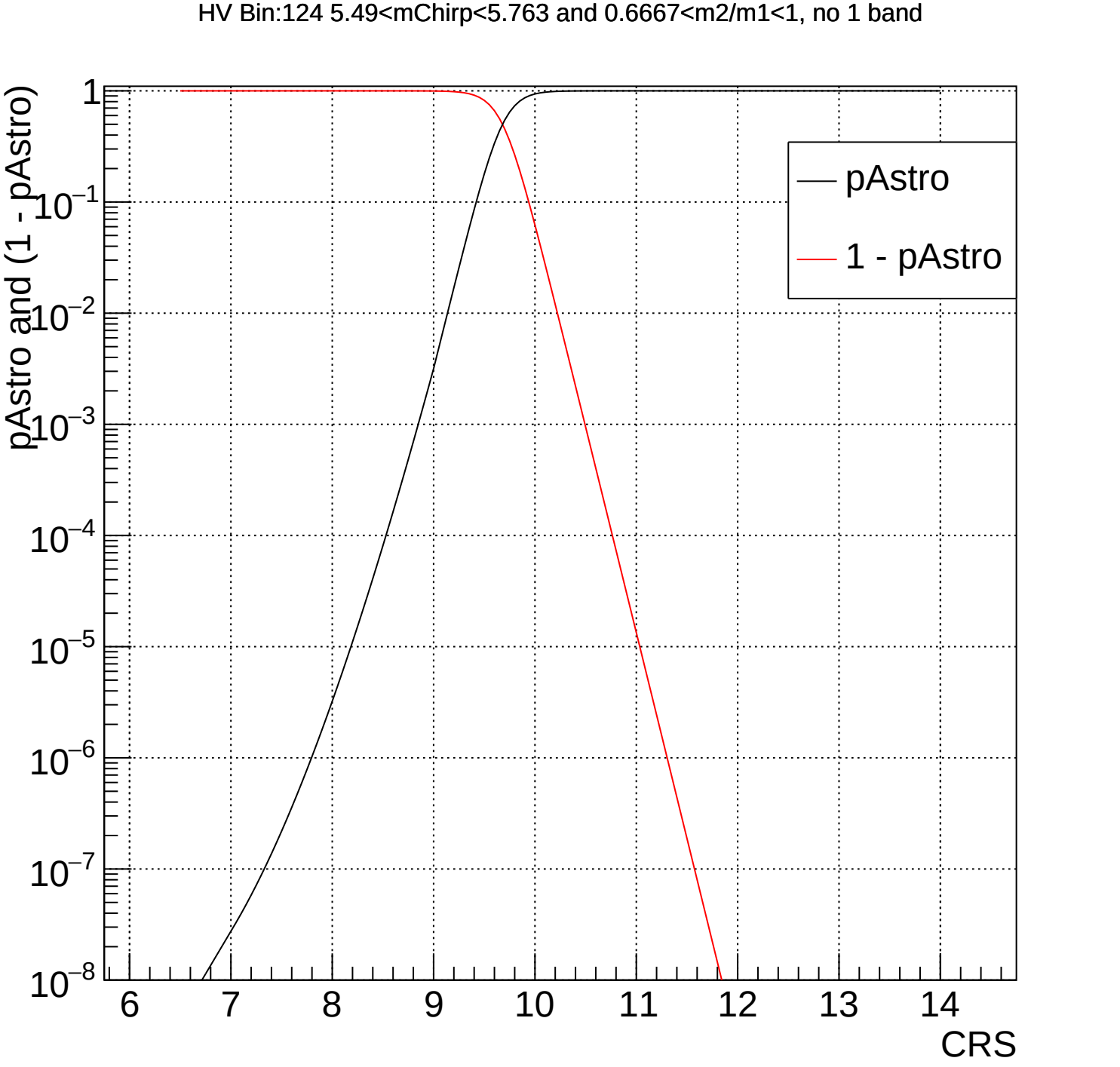
HV Bin:124 5.49<mChirp<5.763 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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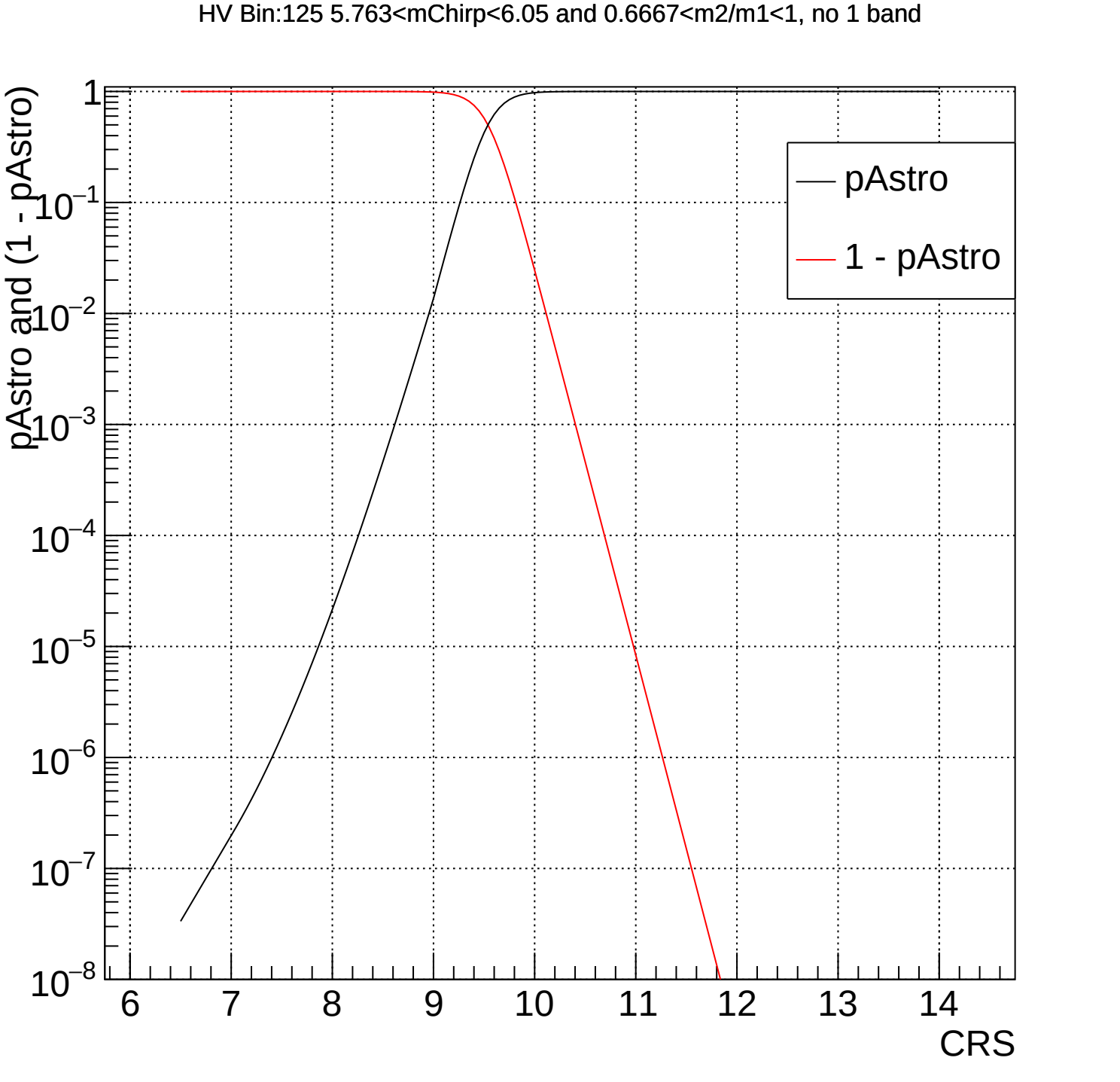
HV Bin:125 5.763<mChirp<6.05 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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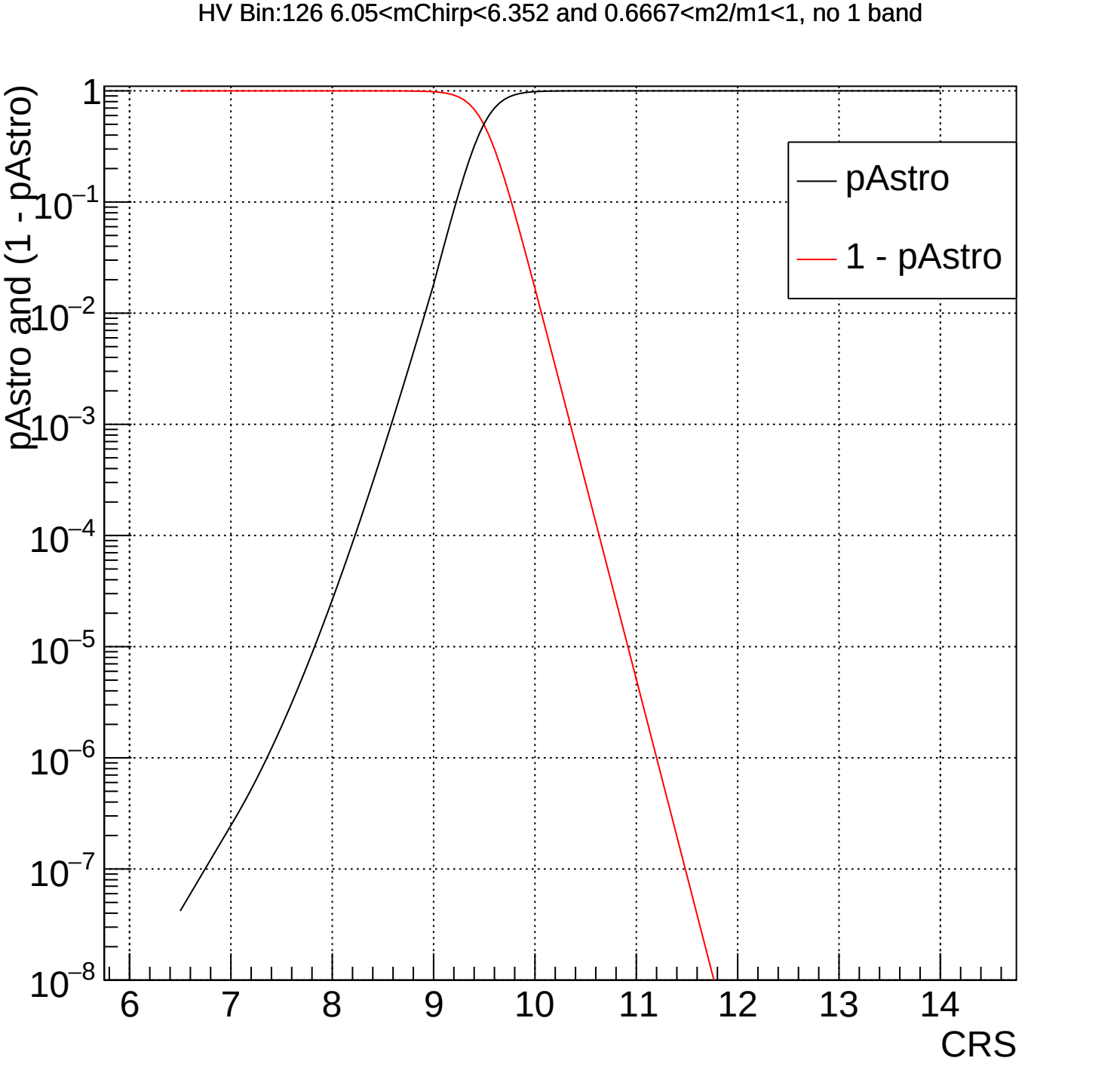
HV Bin:126 6.05<mChirp<6.352 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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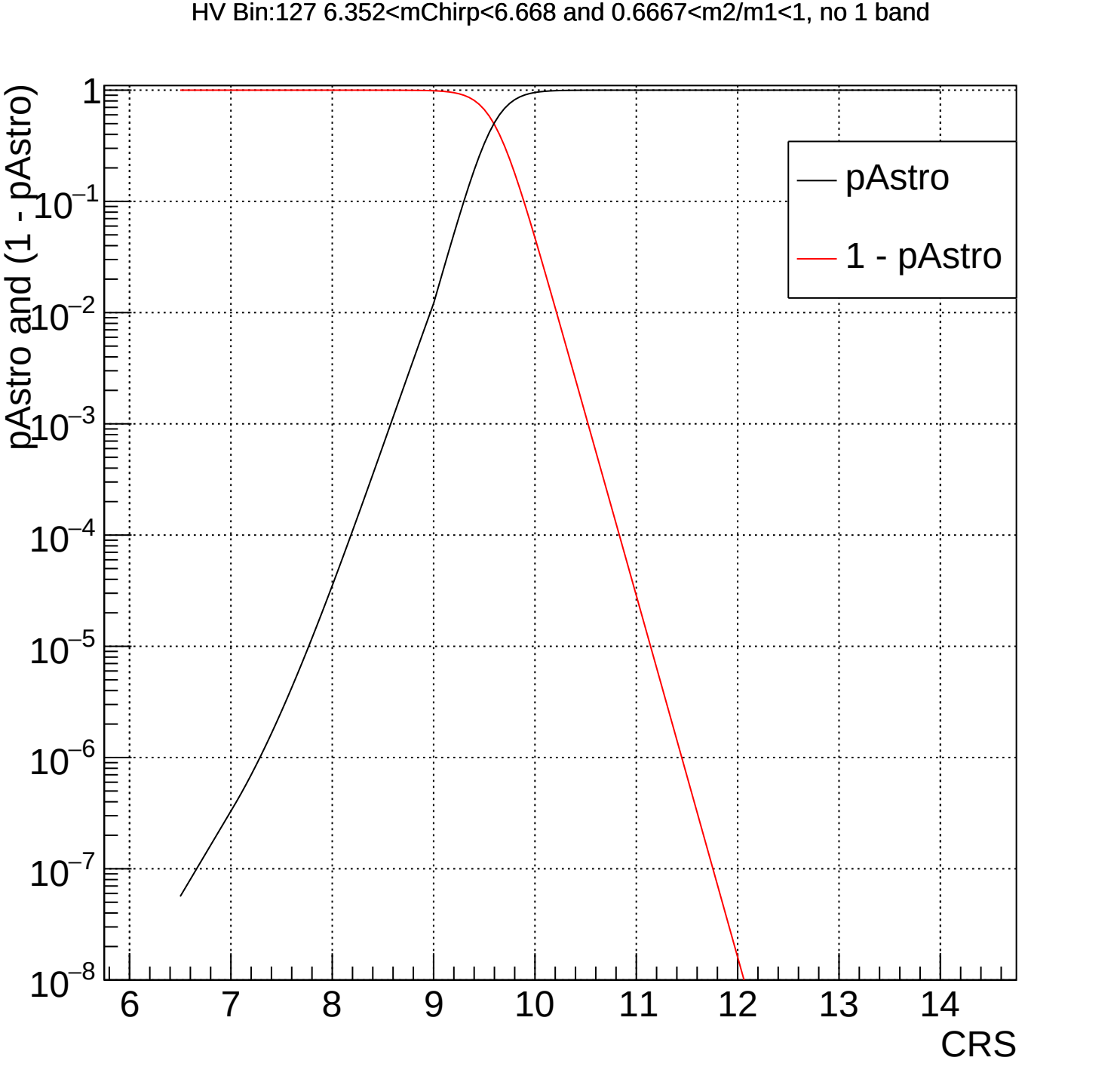
HV Bin:127 6.352<mChirp<6.668 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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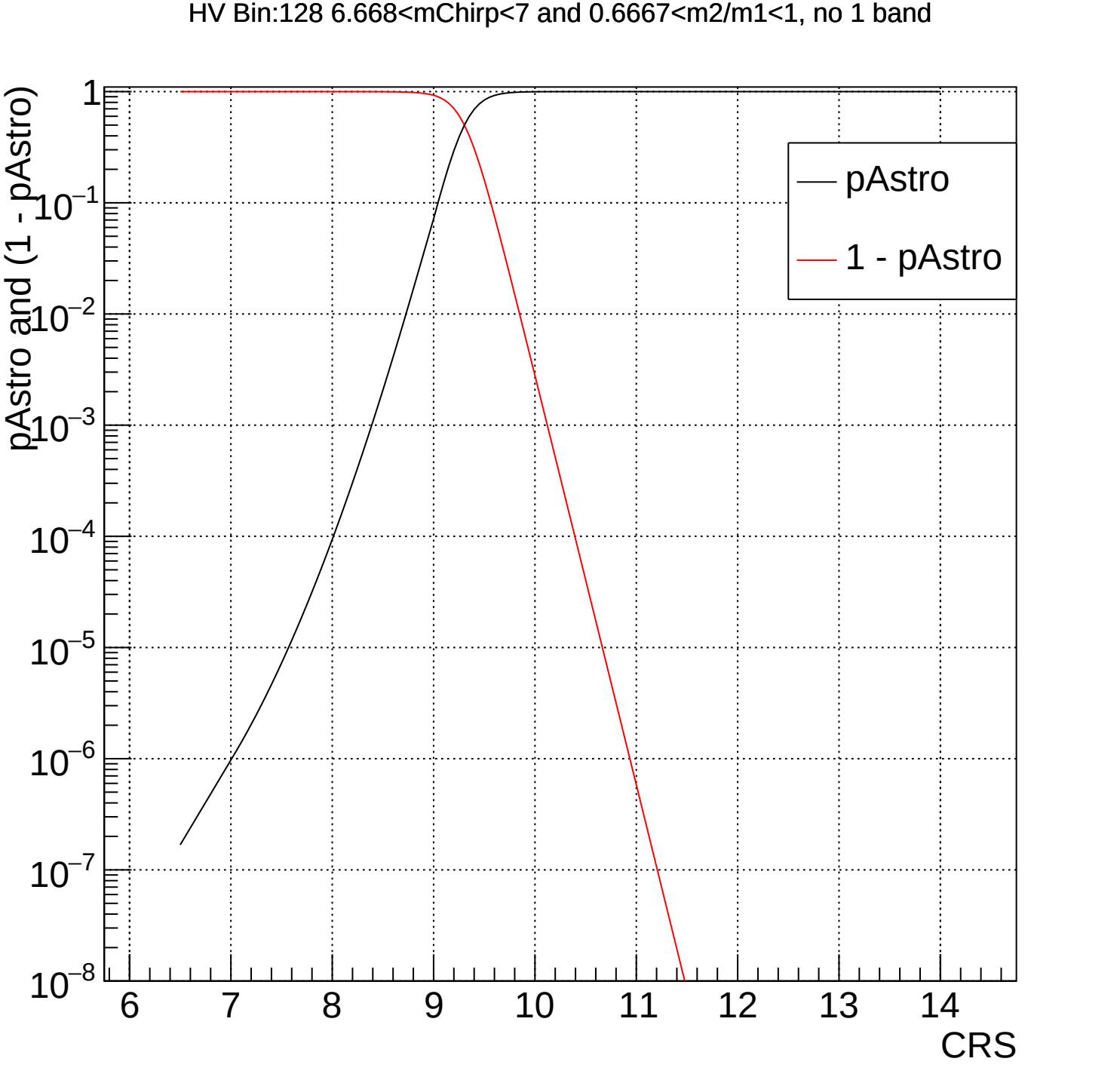
HV Bin:128 6.668<mChirp<7 and 0.6667<m2/m1<1, no 1 band
pAstro and (1 - pAstro)
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pAstro
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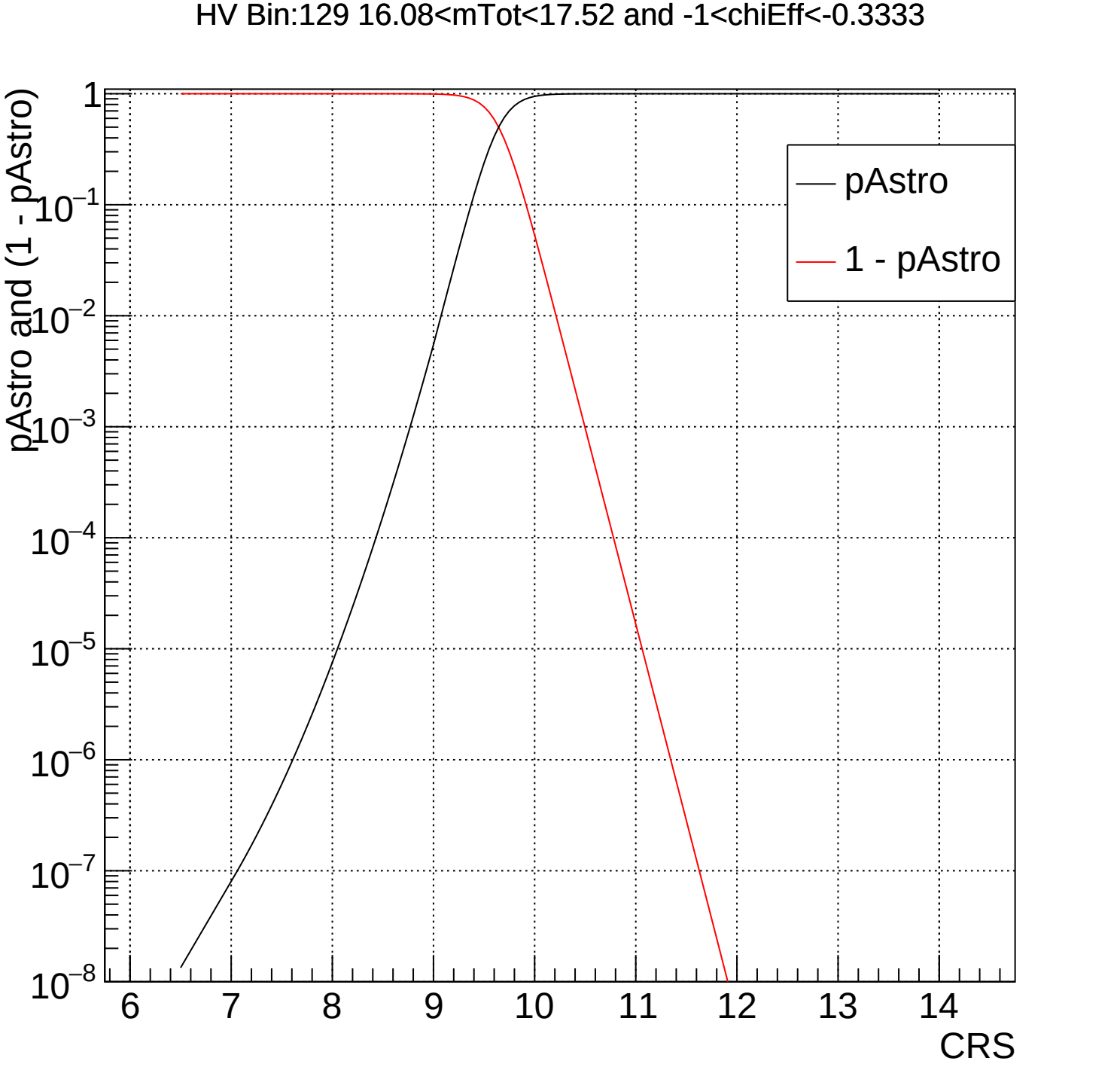
HV Bin:129 16.08<mTot<17.52 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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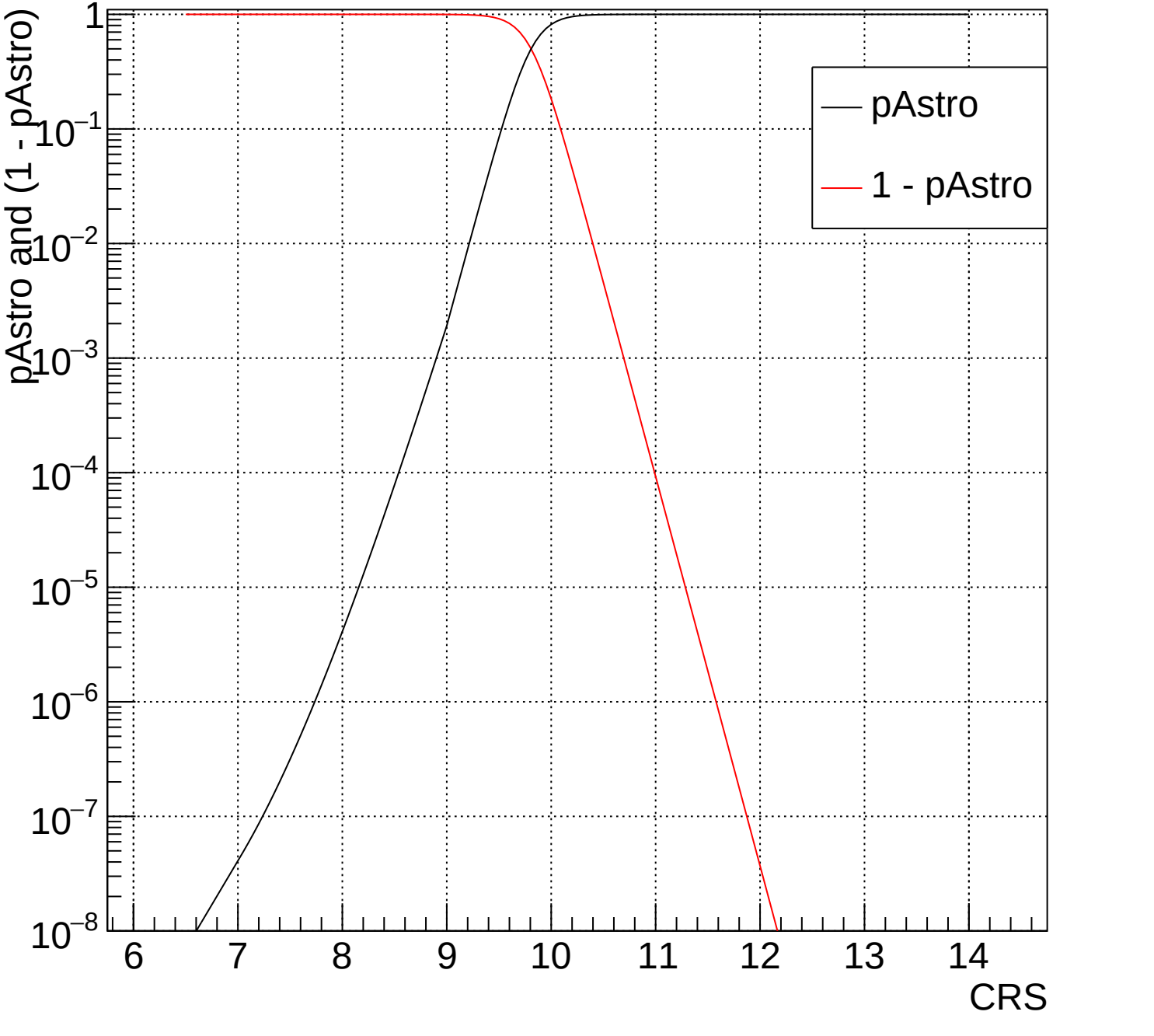
HV Bin:130 17.52<mTot<19.1 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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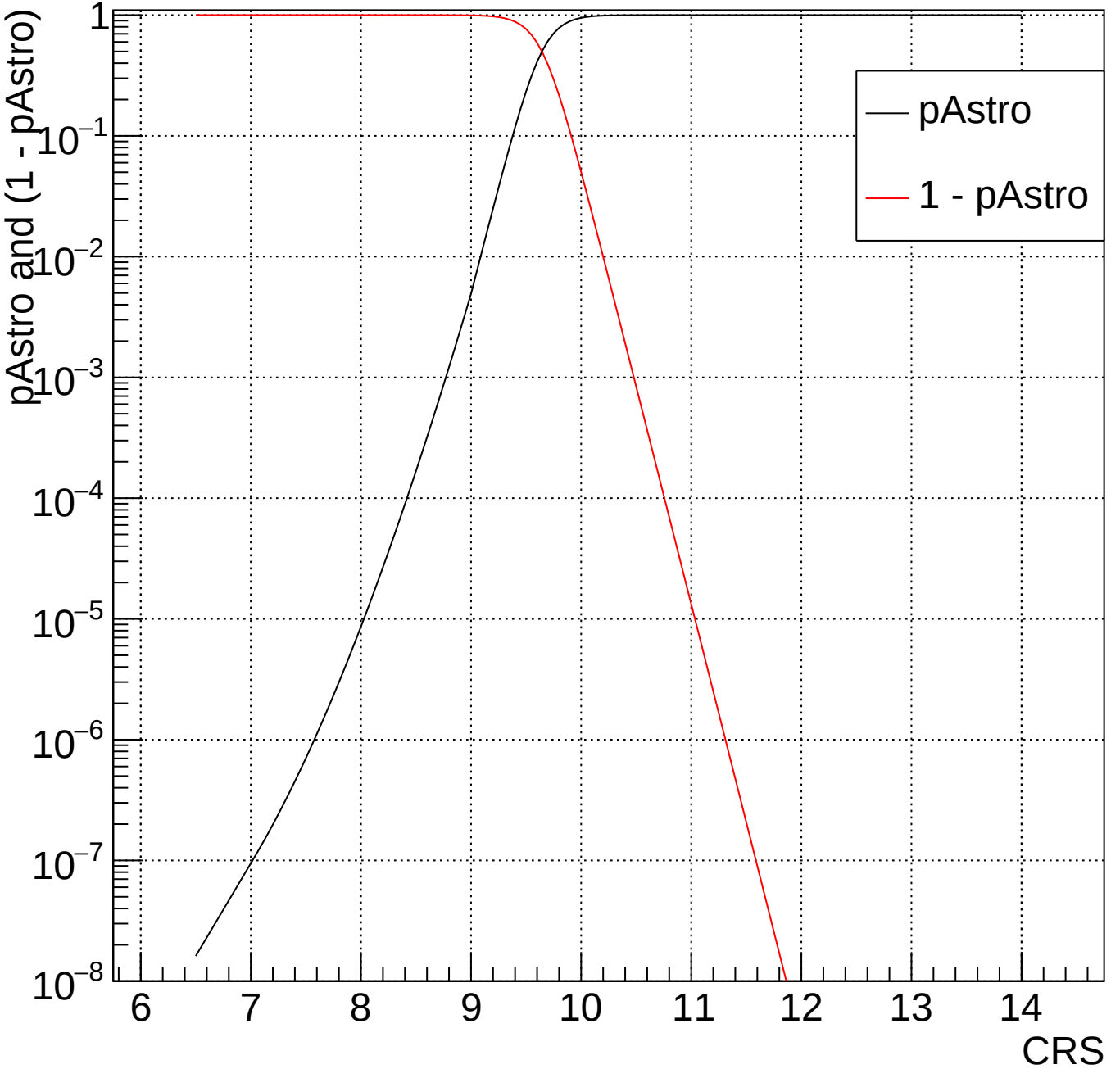
HV Bin:131 19.1<mTot<20.81 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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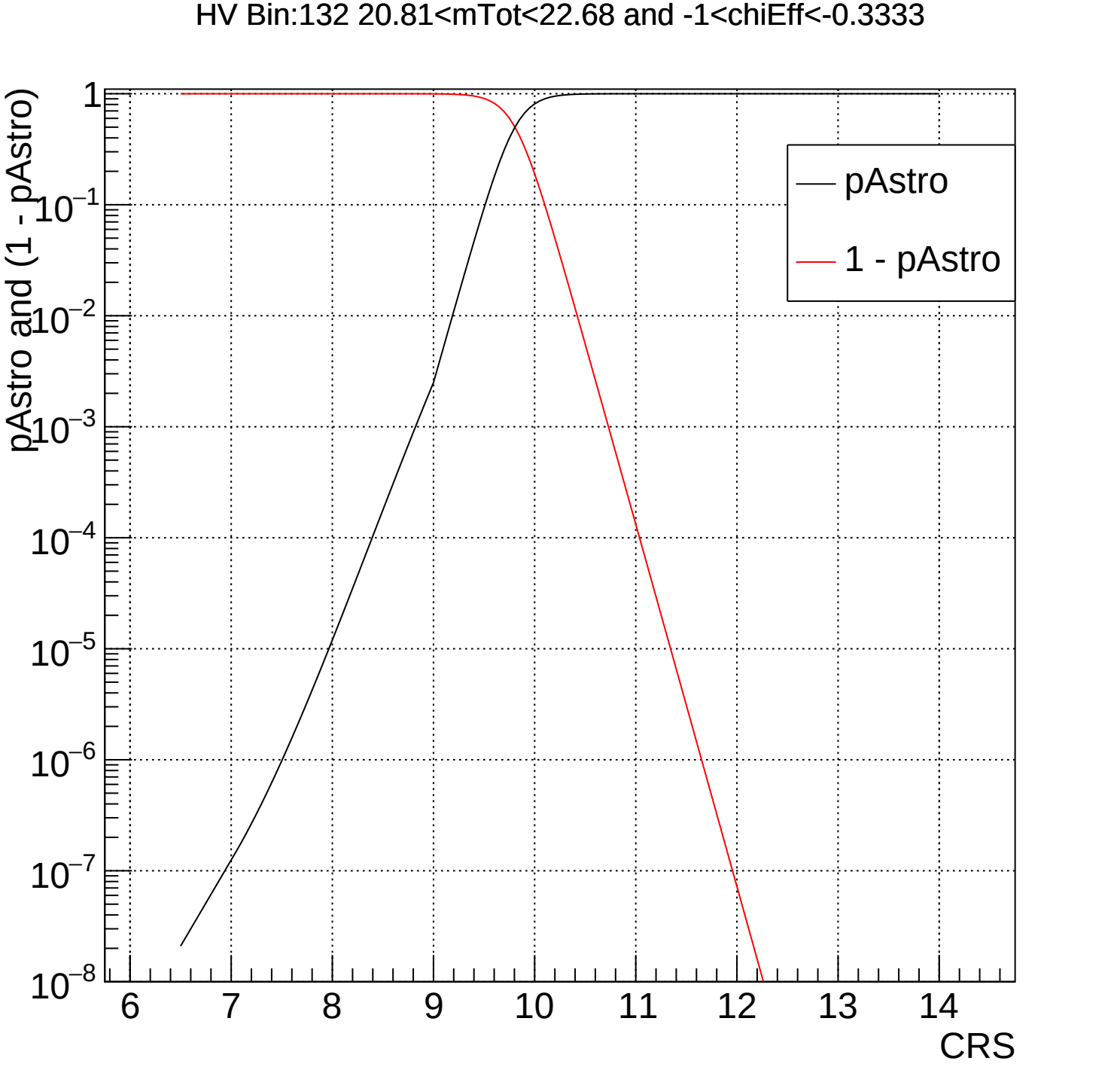
HV Bin:132 20.81<mTot<22.68 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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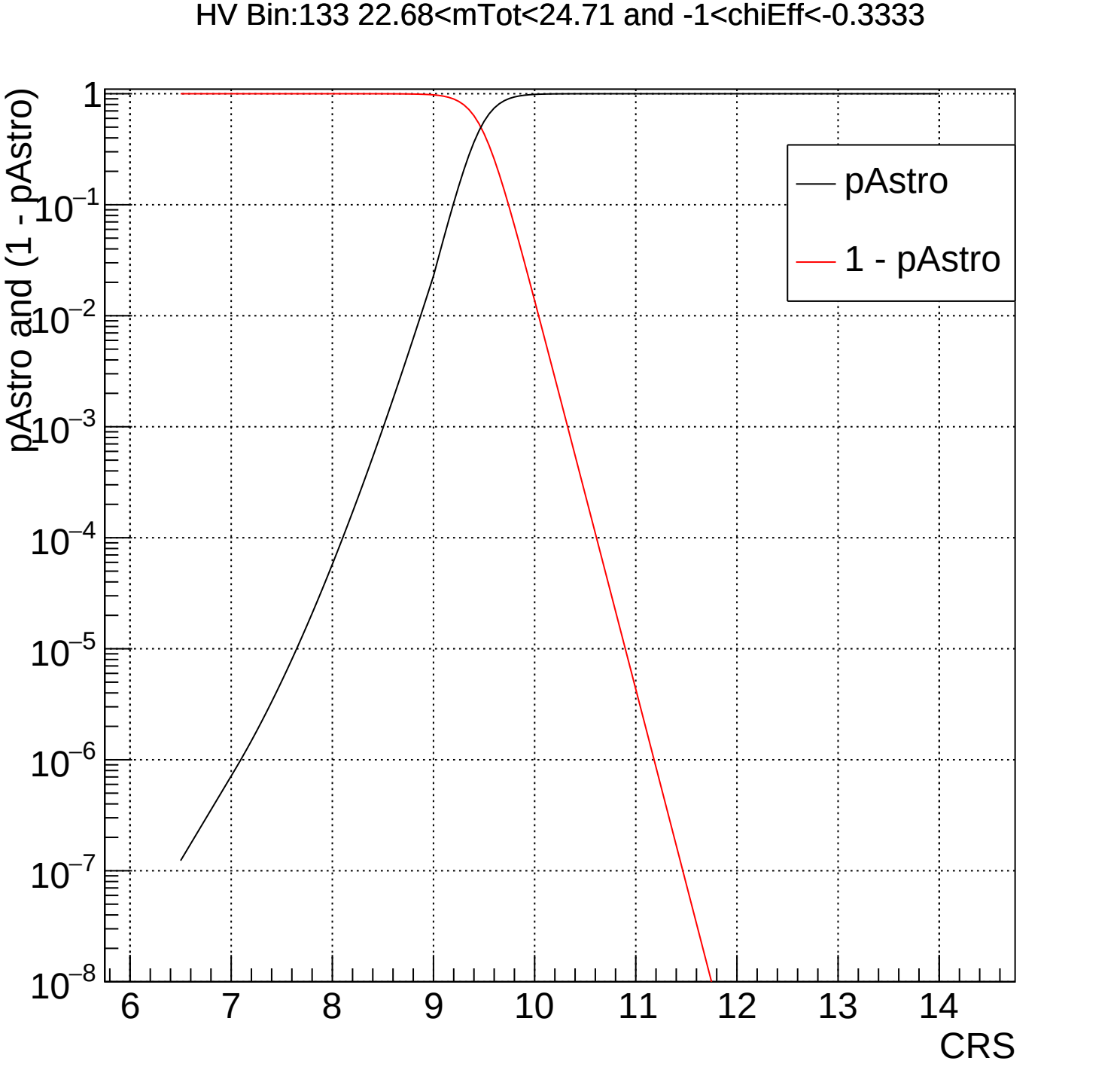
HV Bin:133 22.68<mTot<24.71 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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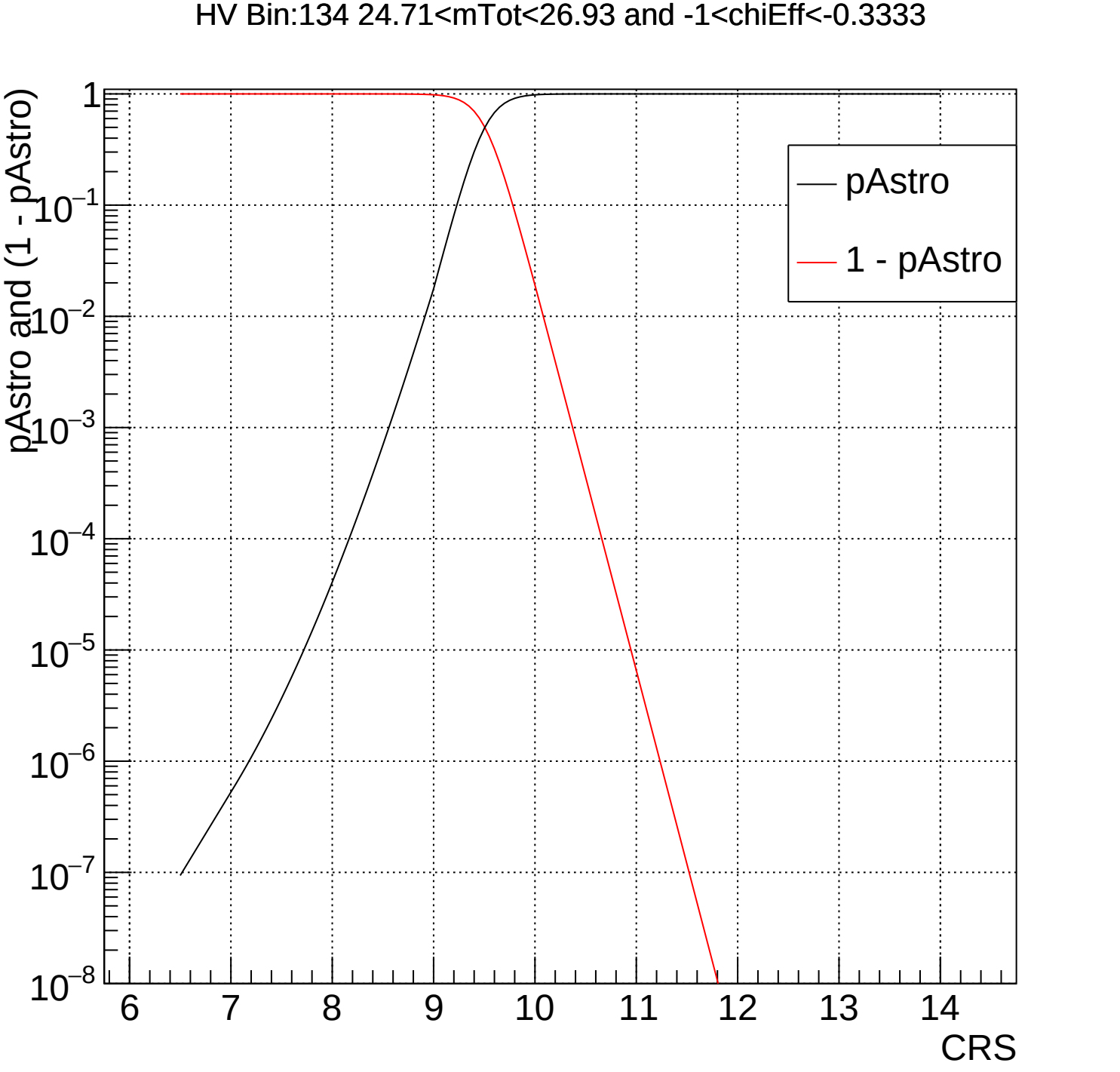
pAstro
1 - pAstro


HV Bin:134 24.71<mTot<26.93 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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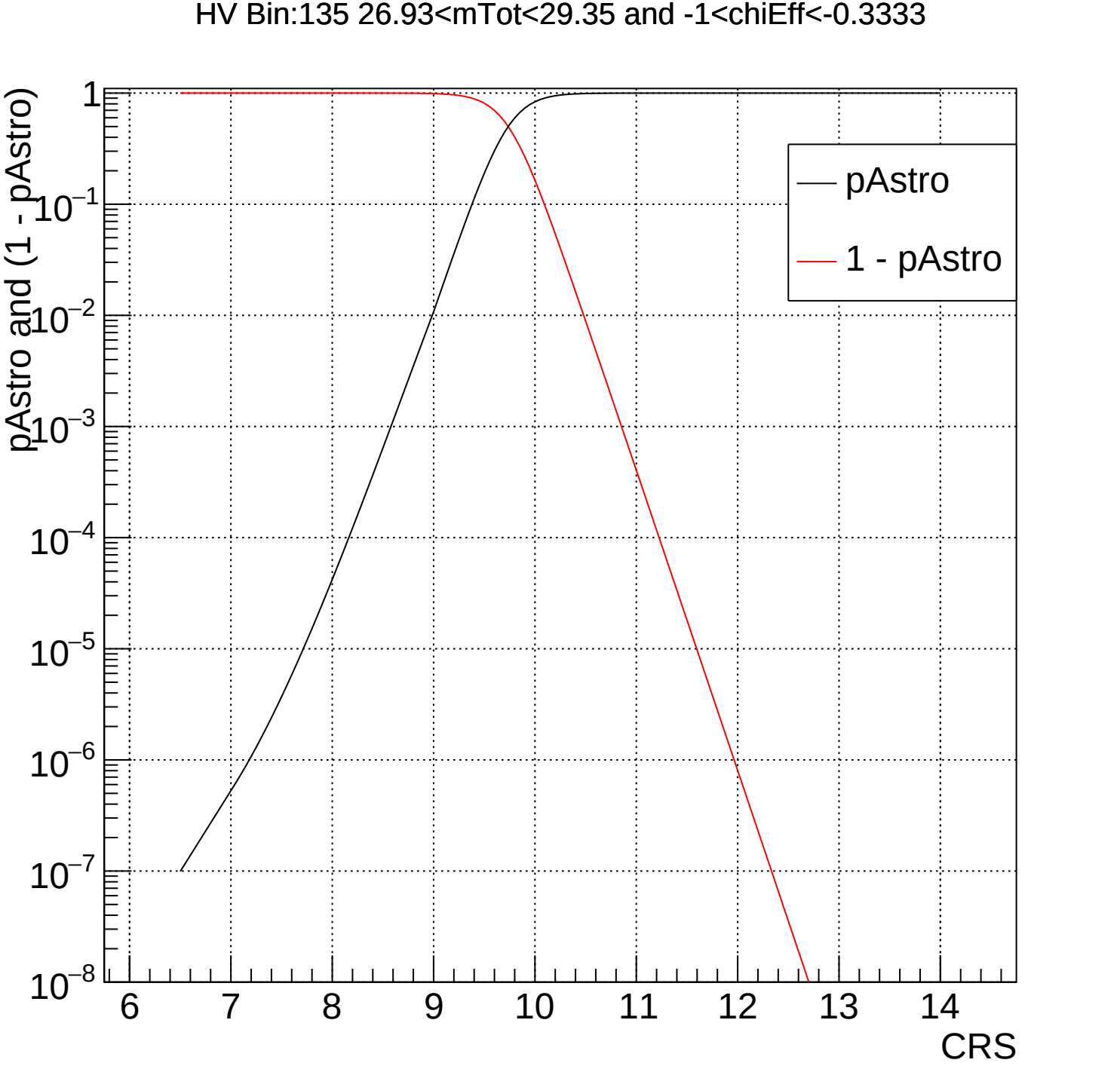
CRS
pAstro
1 - pAstro


HV Bin:135 26.93<mTot<29.35 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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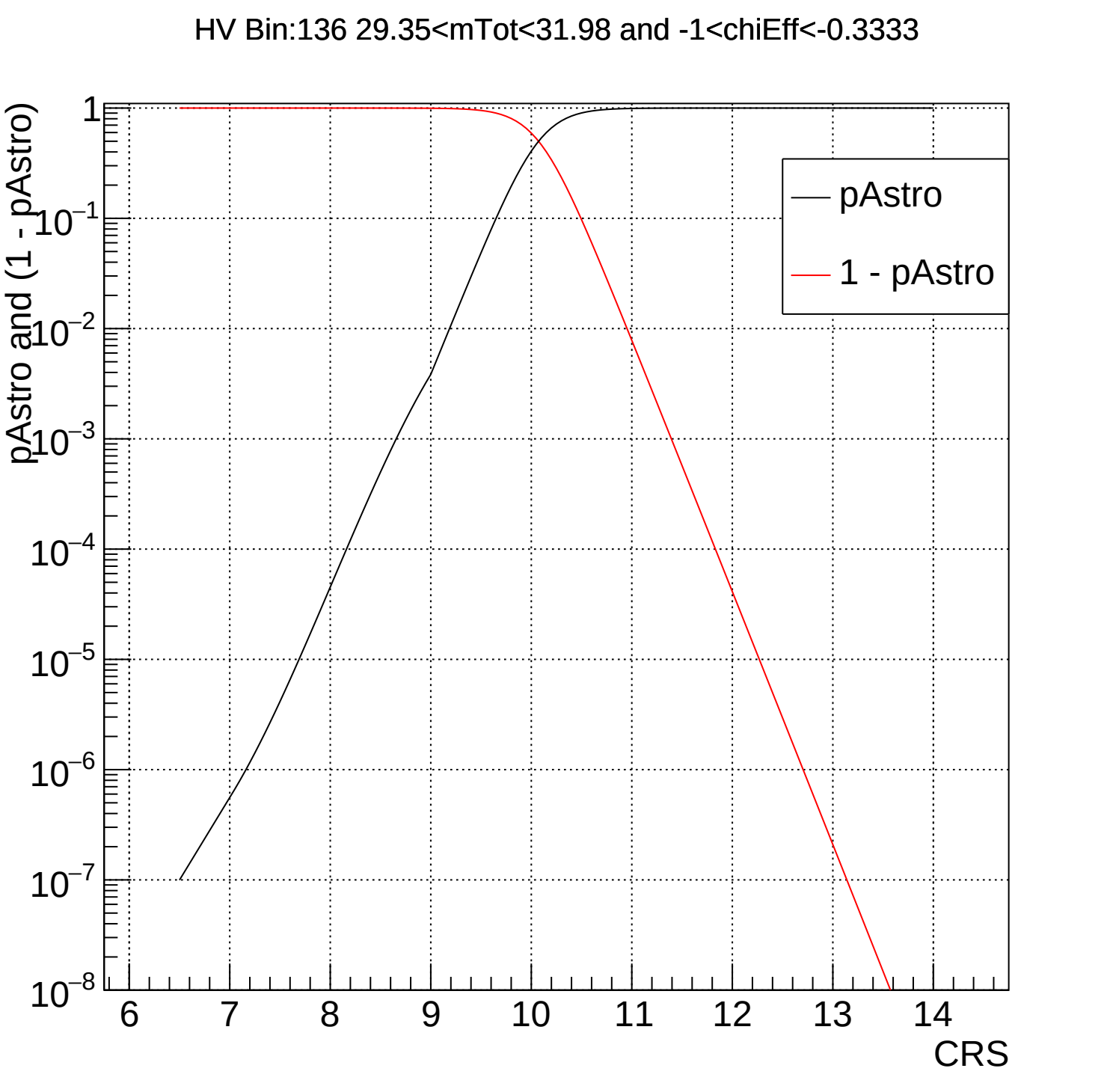
CRS
pAstro
1 - pAstro


HV Bin:136 29.35<mTot<31.98 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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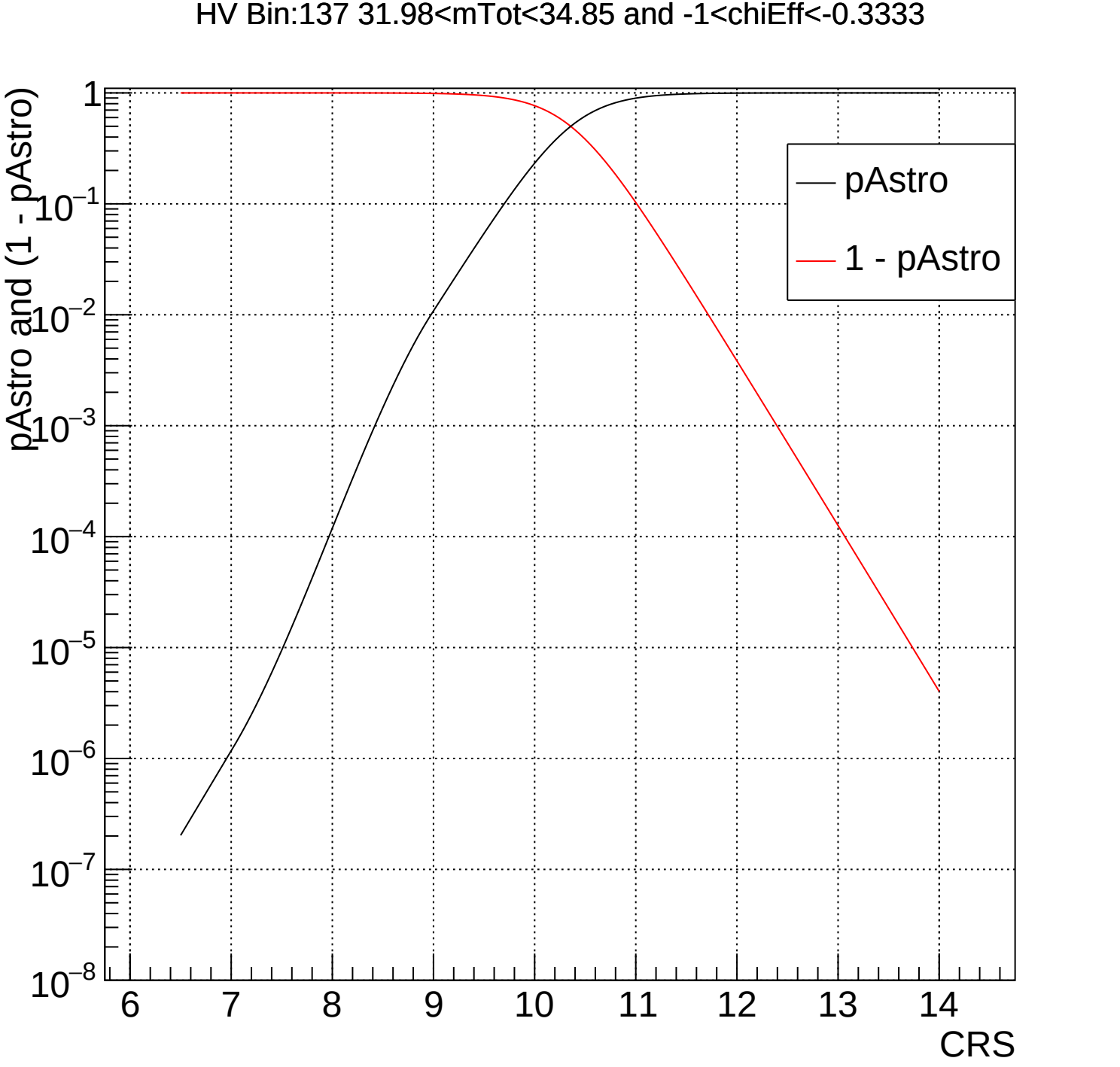
pAstro
1 - pAstro


HV Bin:137 31.98<mTot<34.85 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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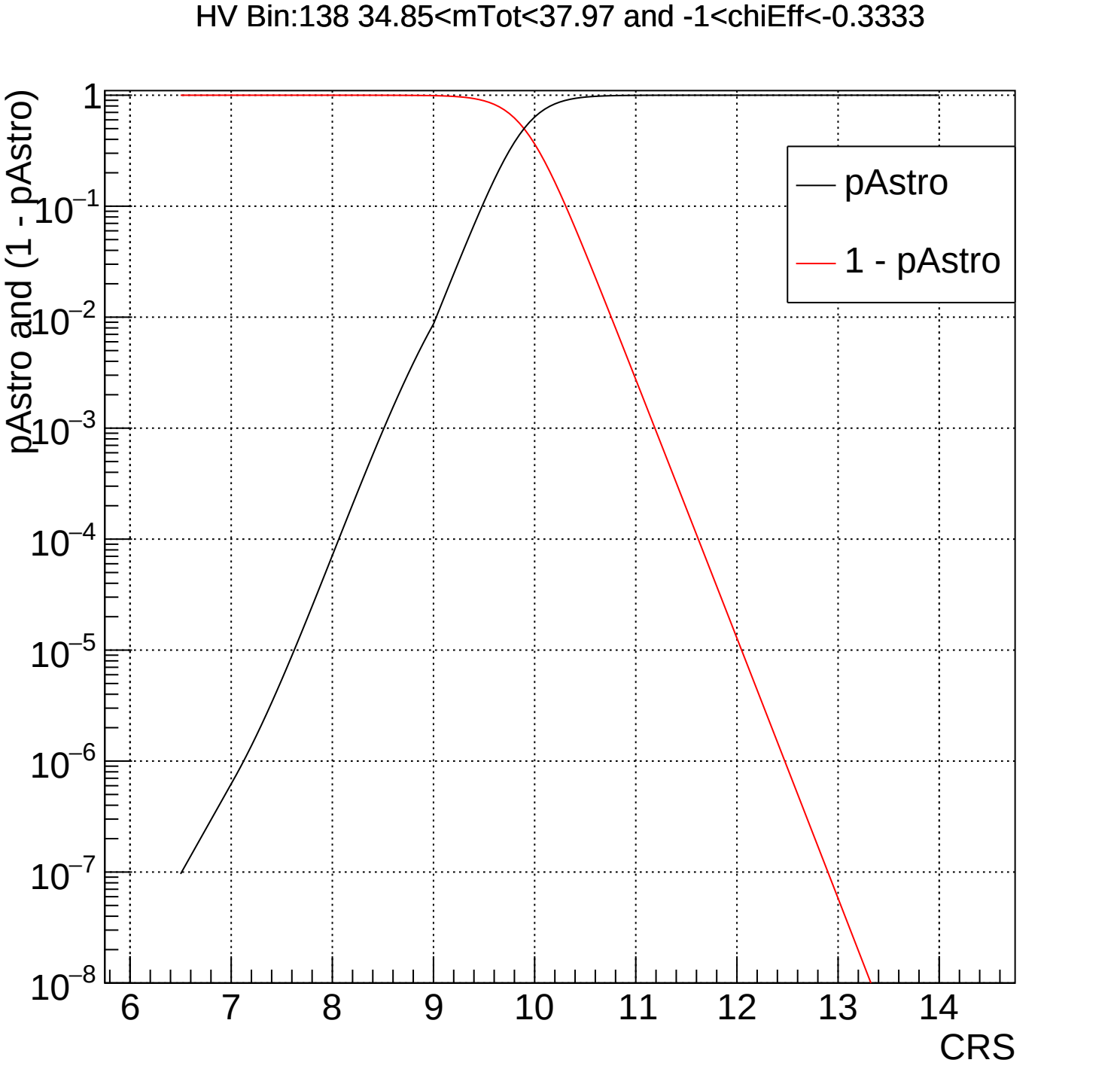
CRS
pAstro
1 - pAstro


HV Bin:138 34.85<mTot<37.97 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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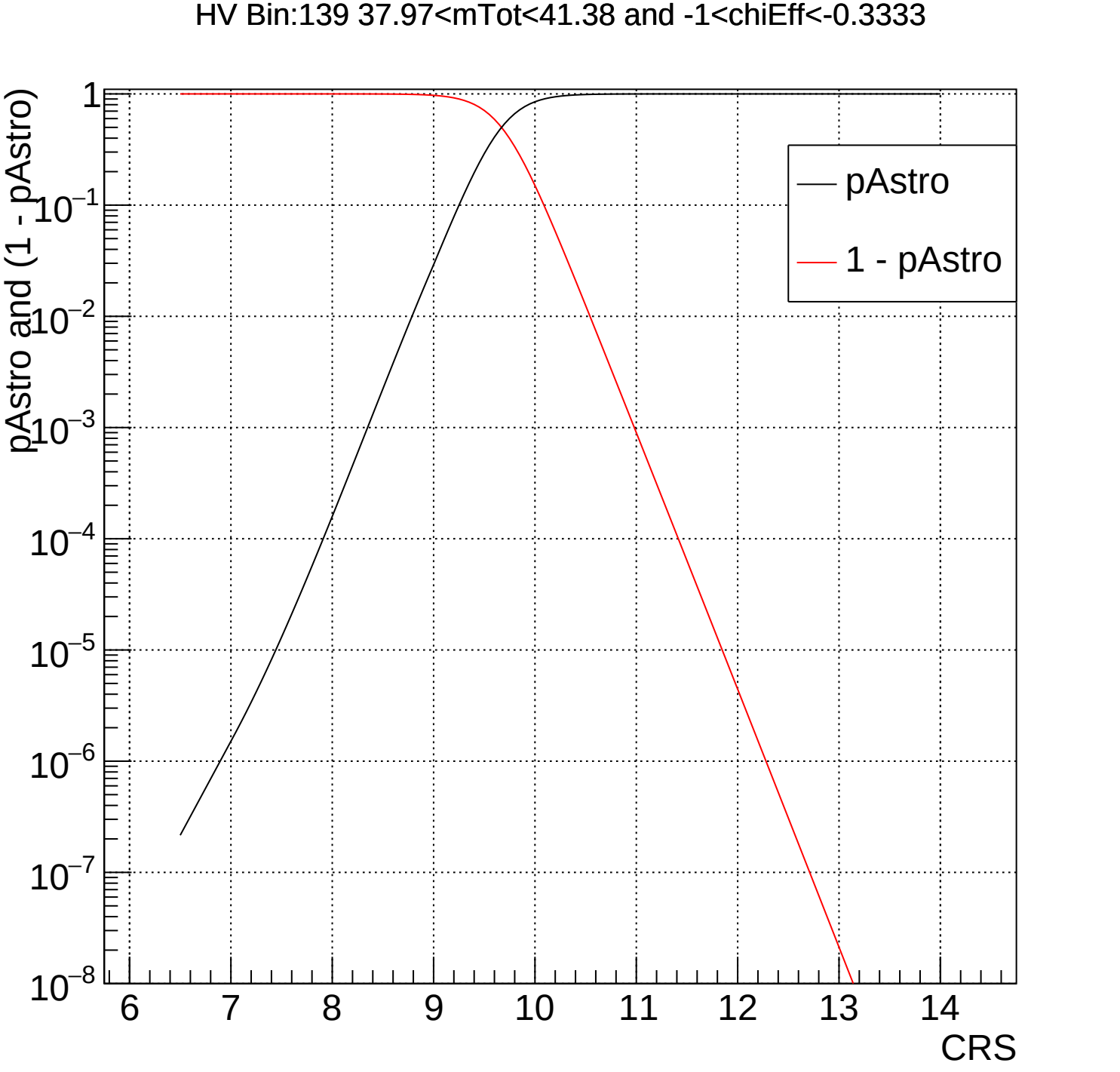
pAstro
1 - pAstro


HV Bin:139 37.97<mTot<41.38 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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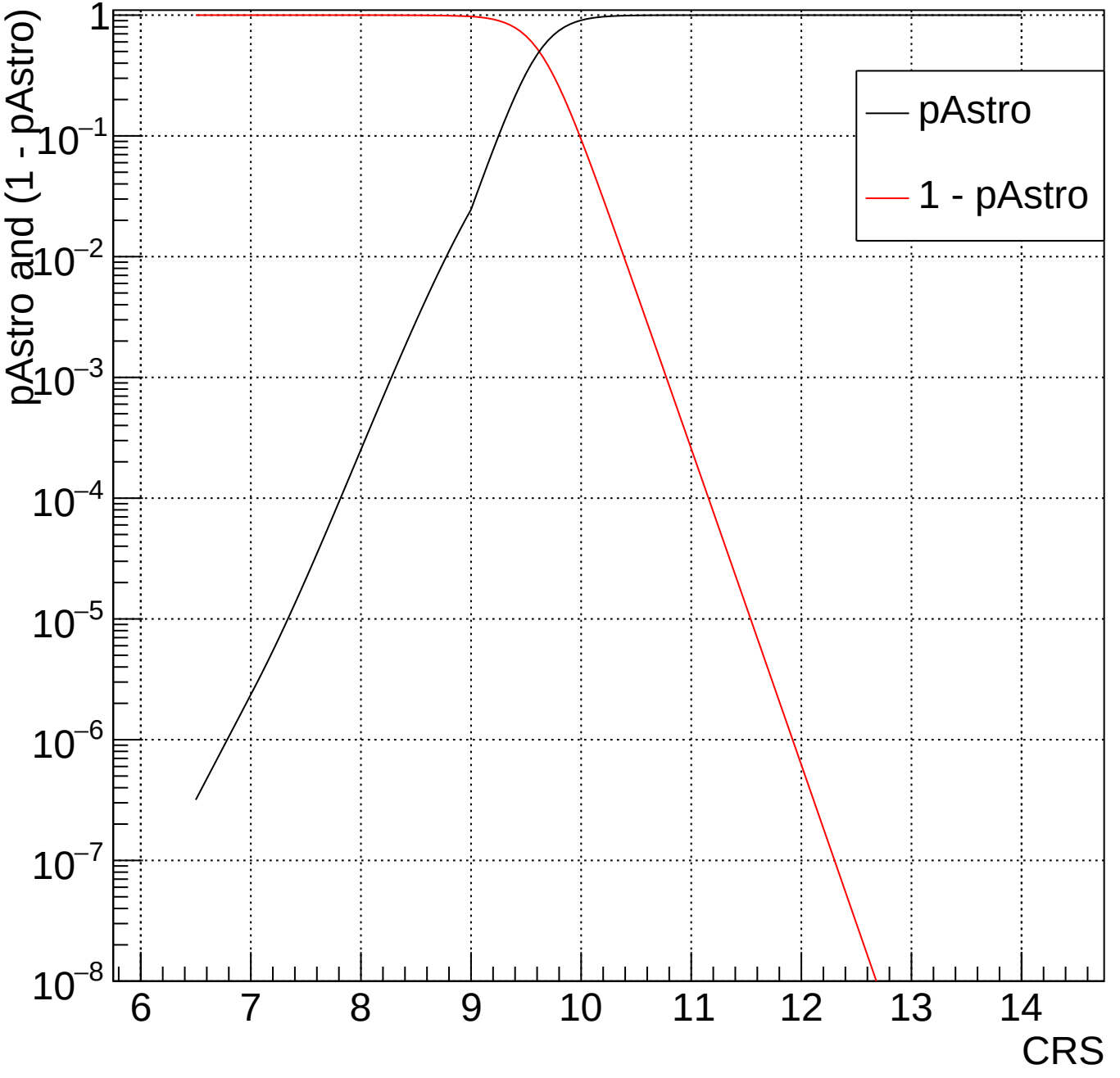
pAstro
1 - pAstro


HV Bin:140 41.38<mTot<45.09 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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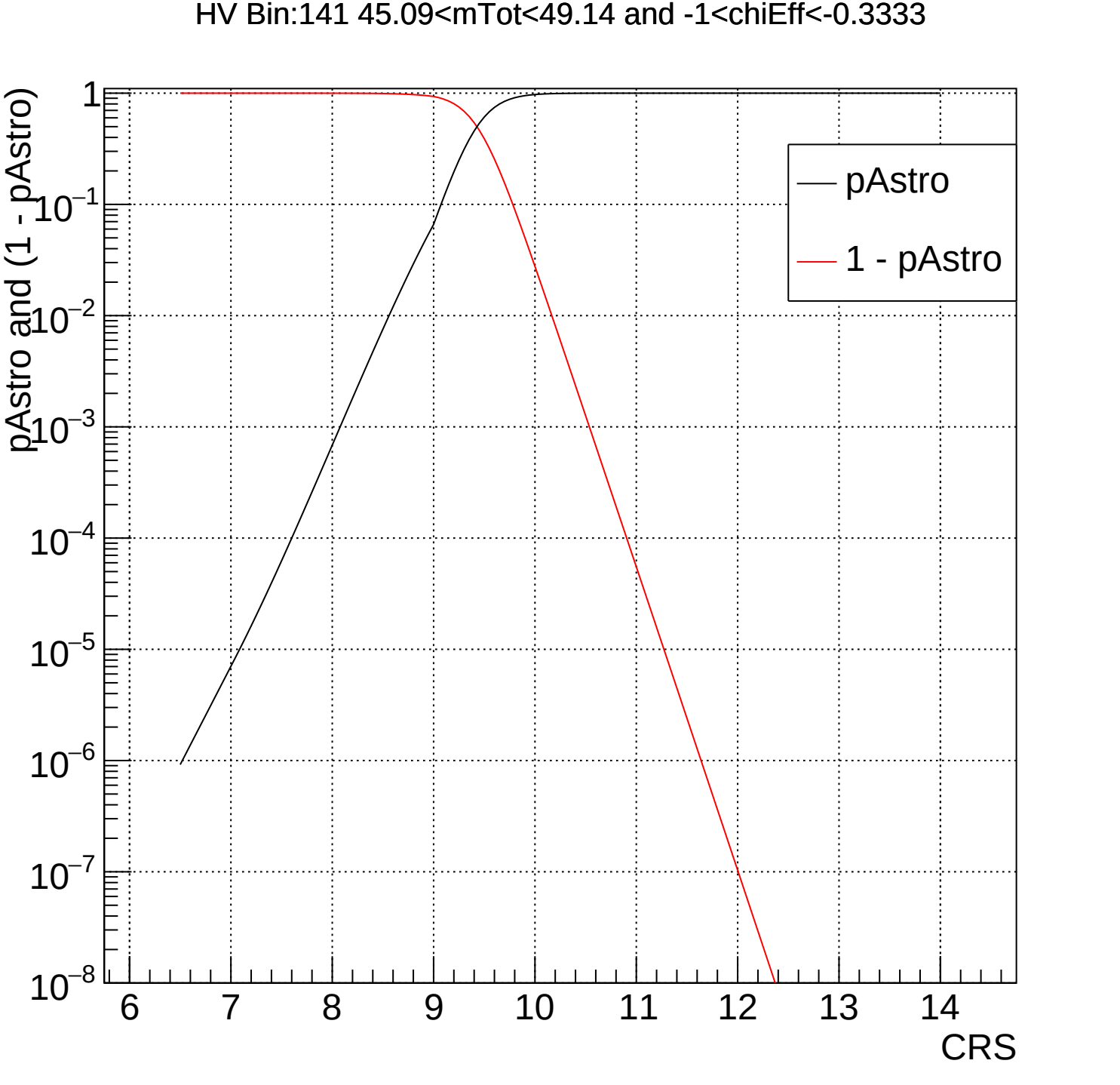
HV Bin:141 45.09<mTot<49.14 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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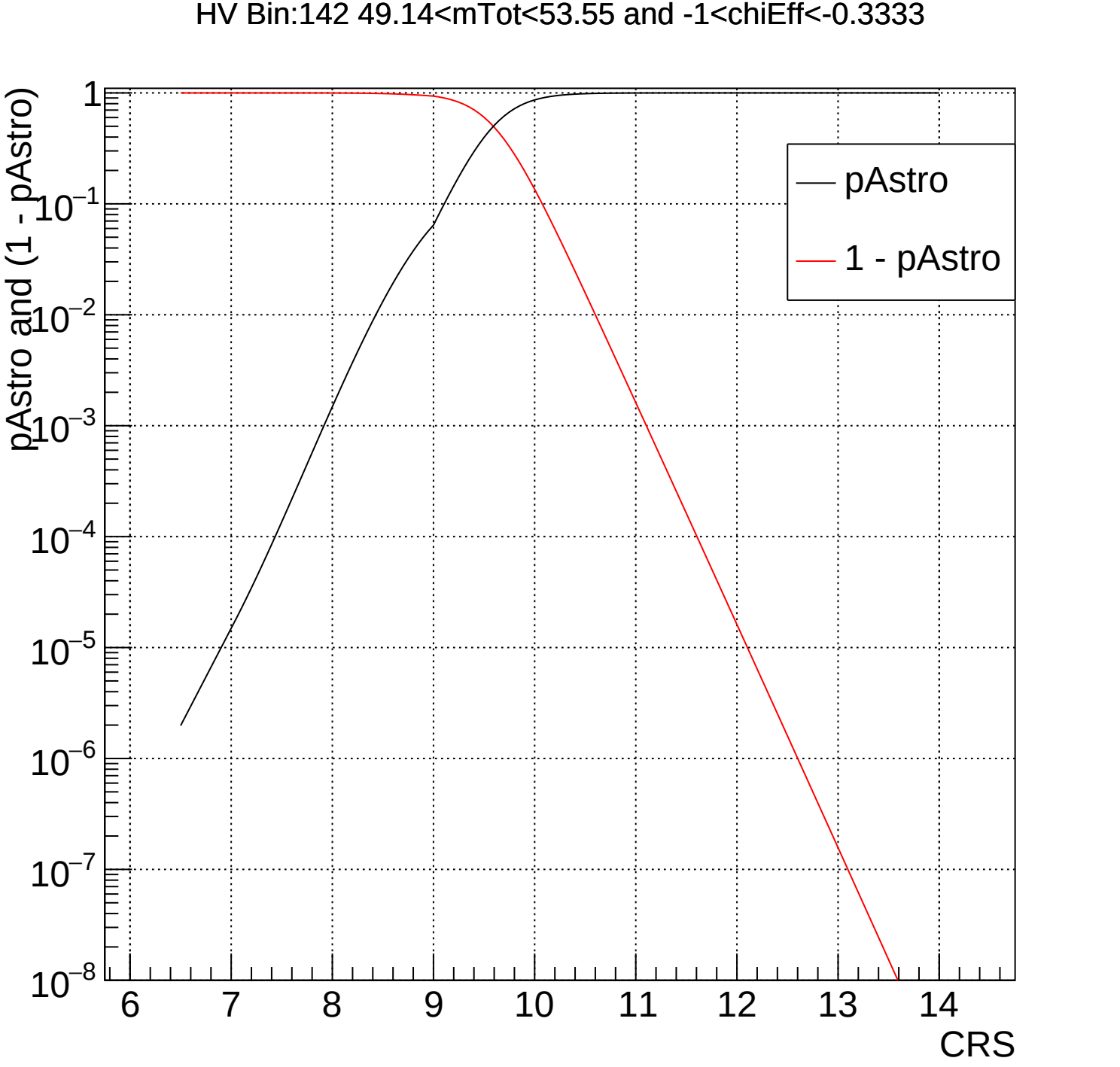
HV Bin:142 49.14<mTot<53.55 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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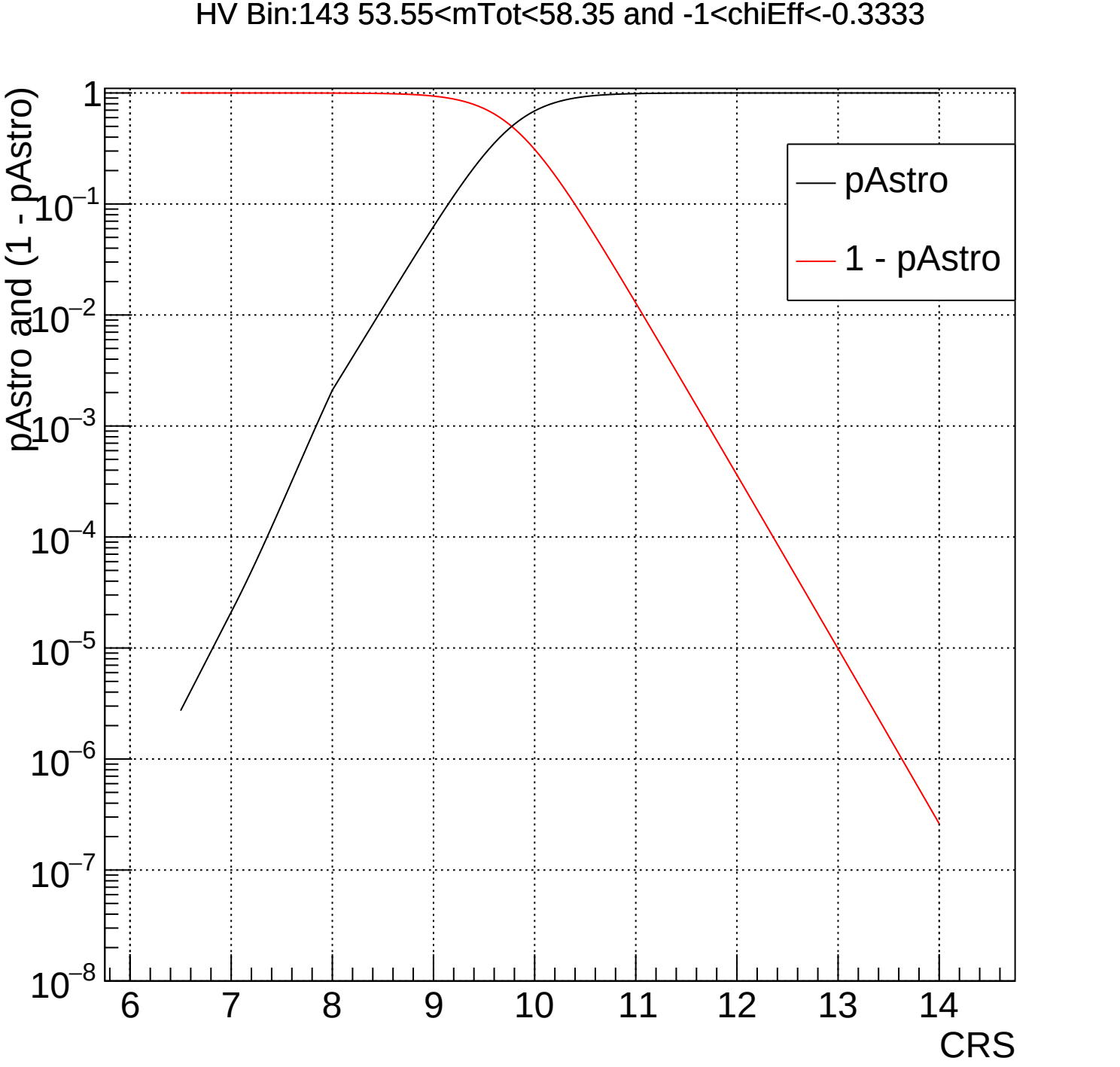
HV Bin:143 53.55<mTot<58.35 and -1<chiEff<-0.3333
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pAstro
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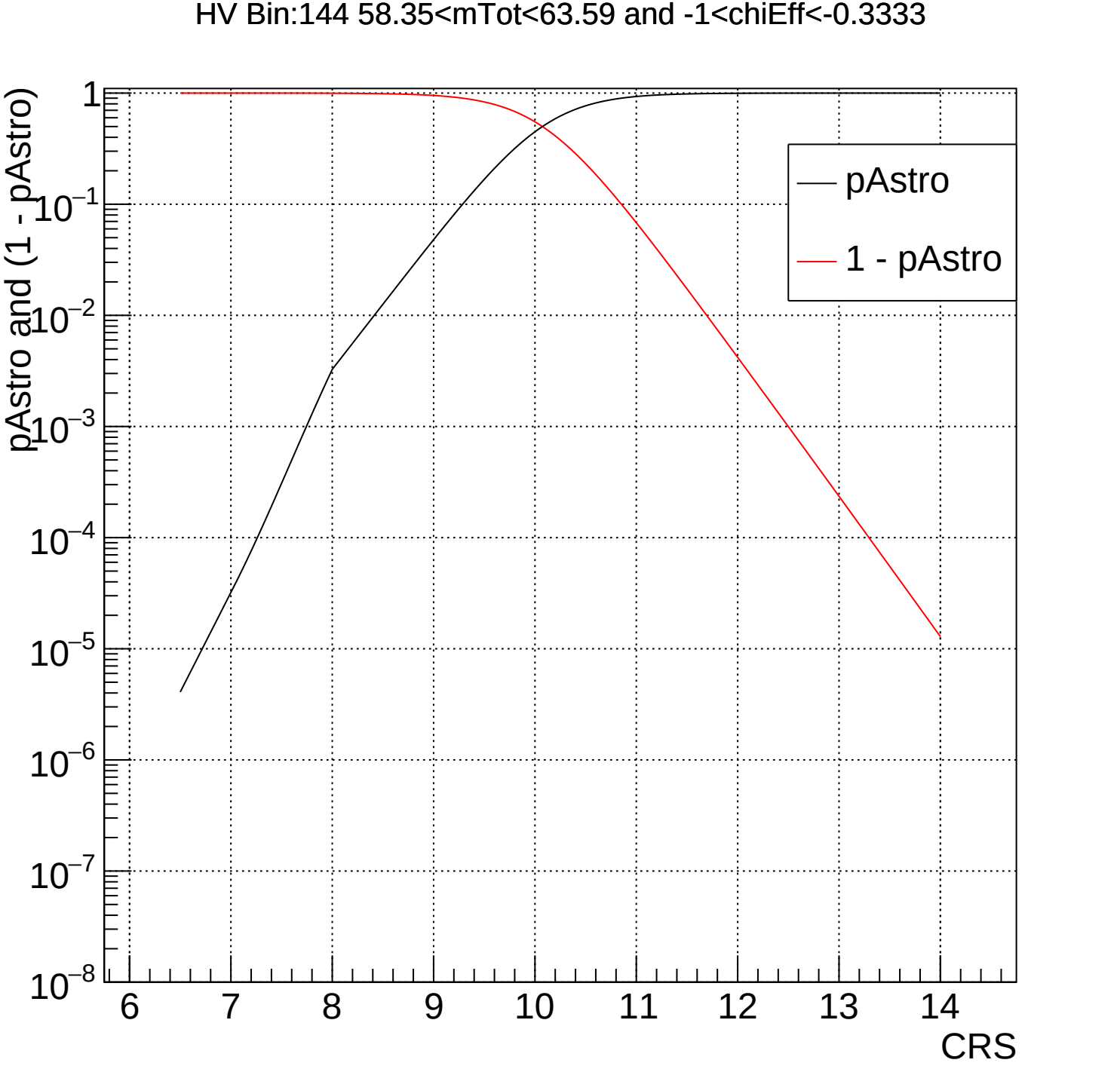
HV Bin:144 58.35<mTot<63.59 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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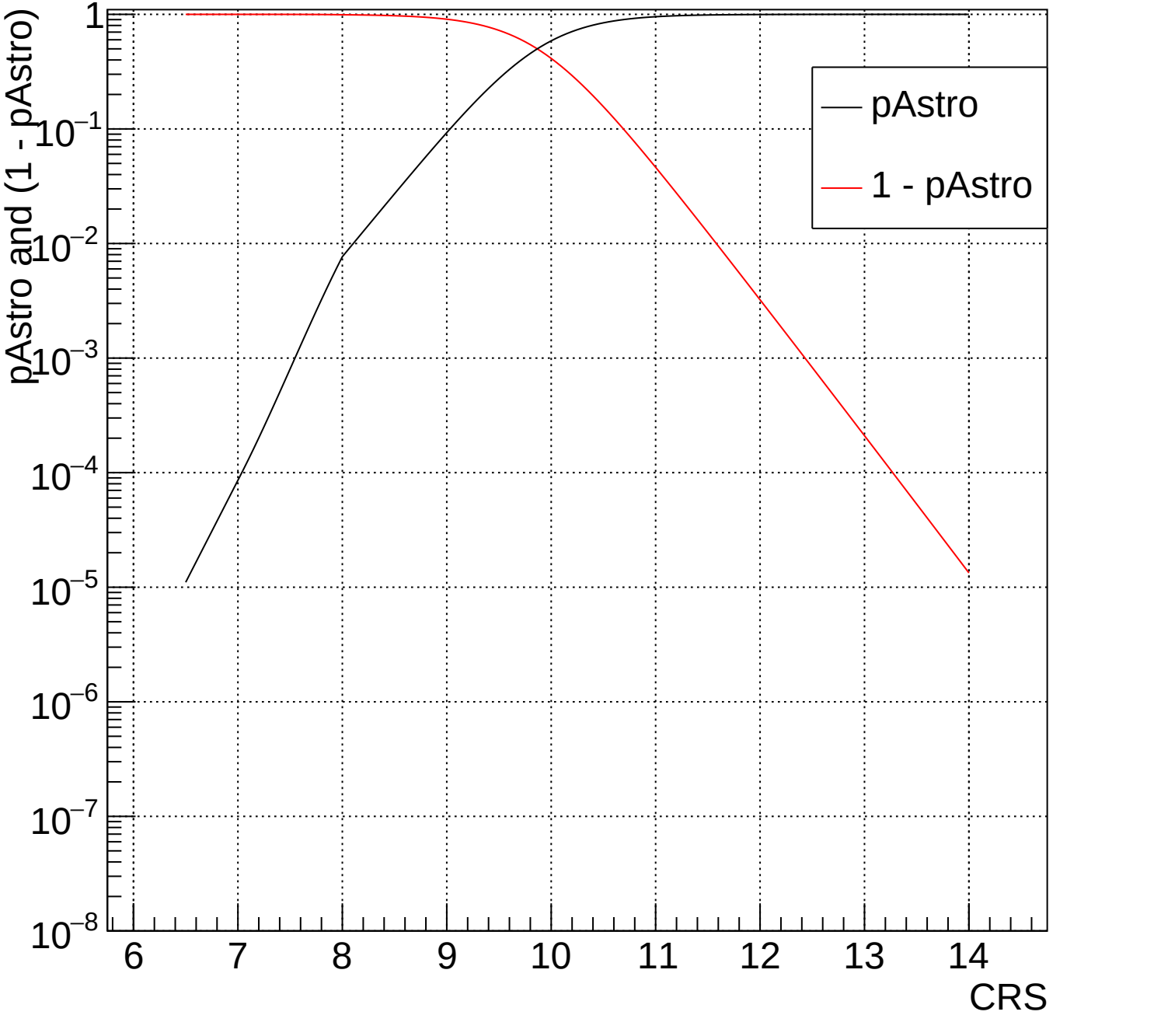
HV Bin:145 63.59<mTot<69.3 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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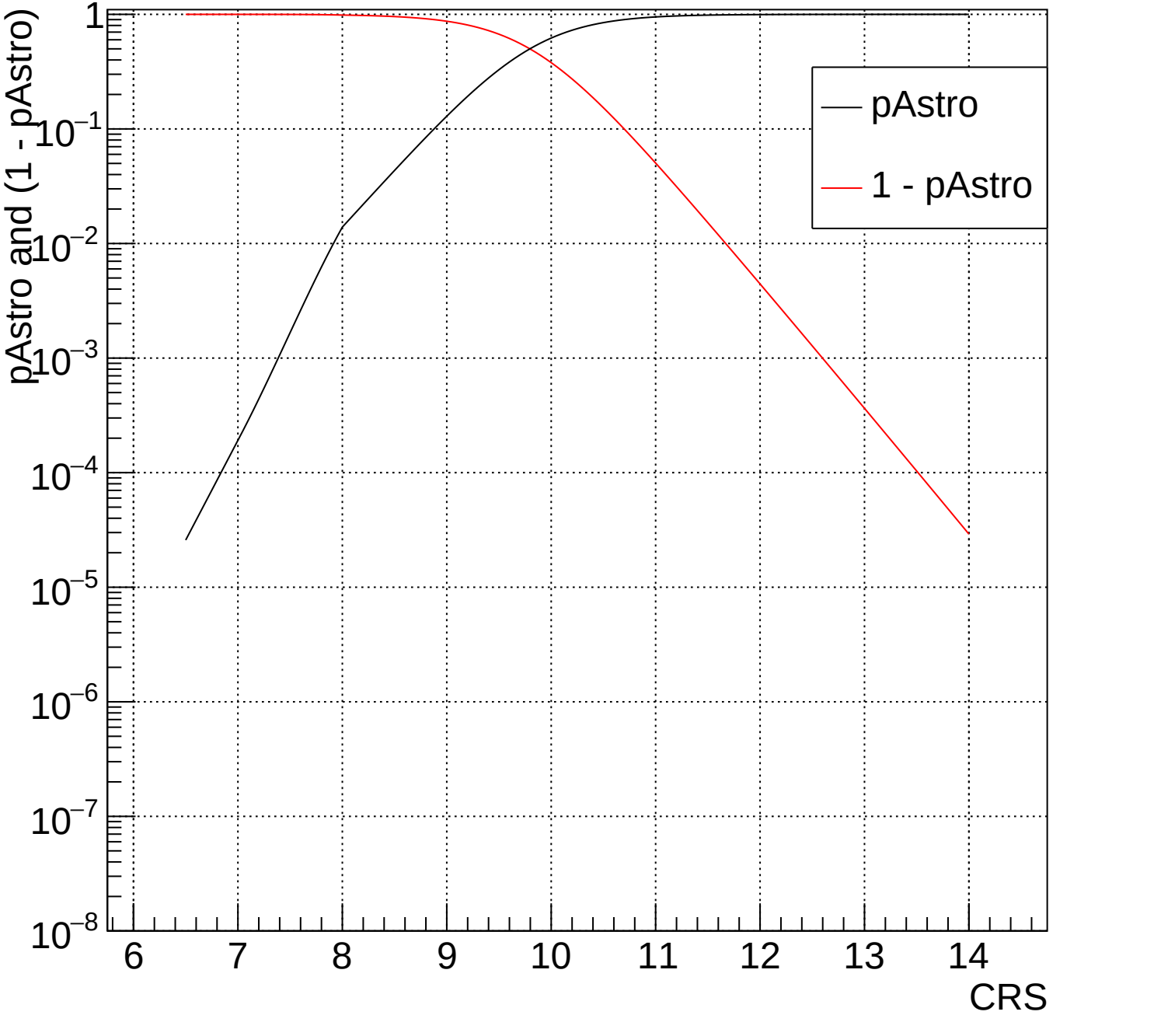
HV Bin:146 69.3<mTot<75.51 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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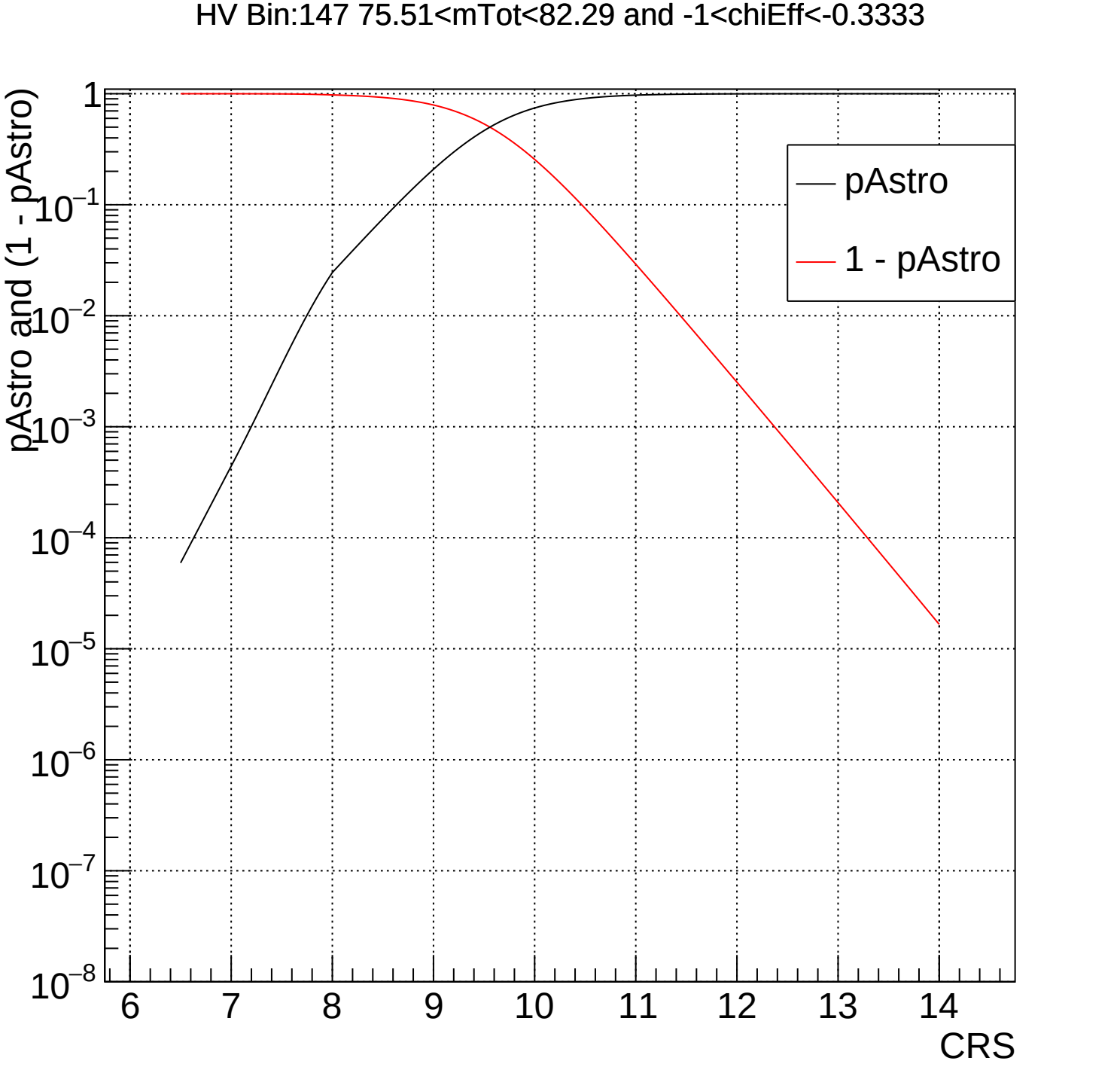
HV Bin:147 75.51<mTot<82.29 and -1<chiEff<-0.3333
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pAstro
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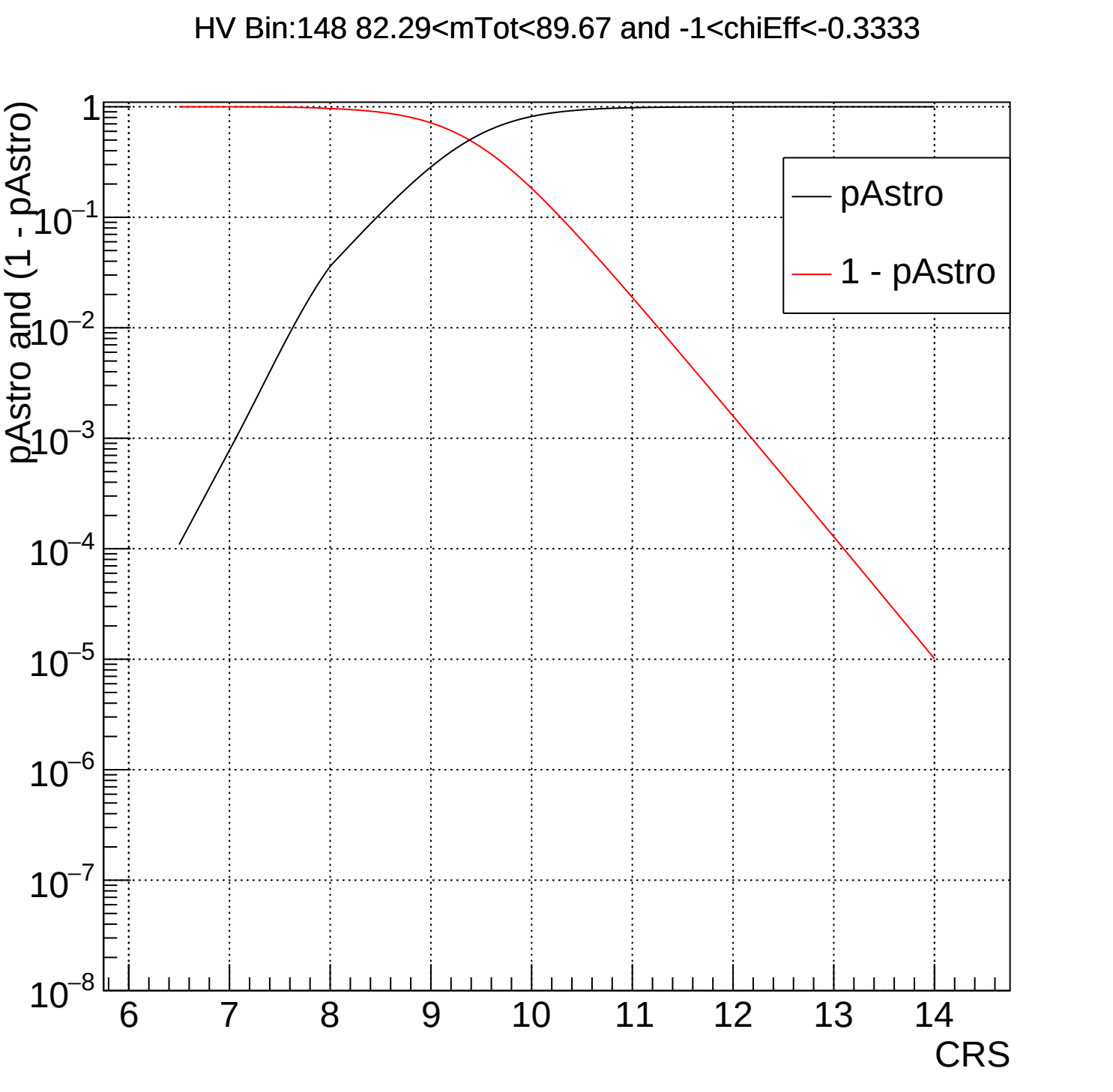
HV Bin:148 82.29<mTot<89.67 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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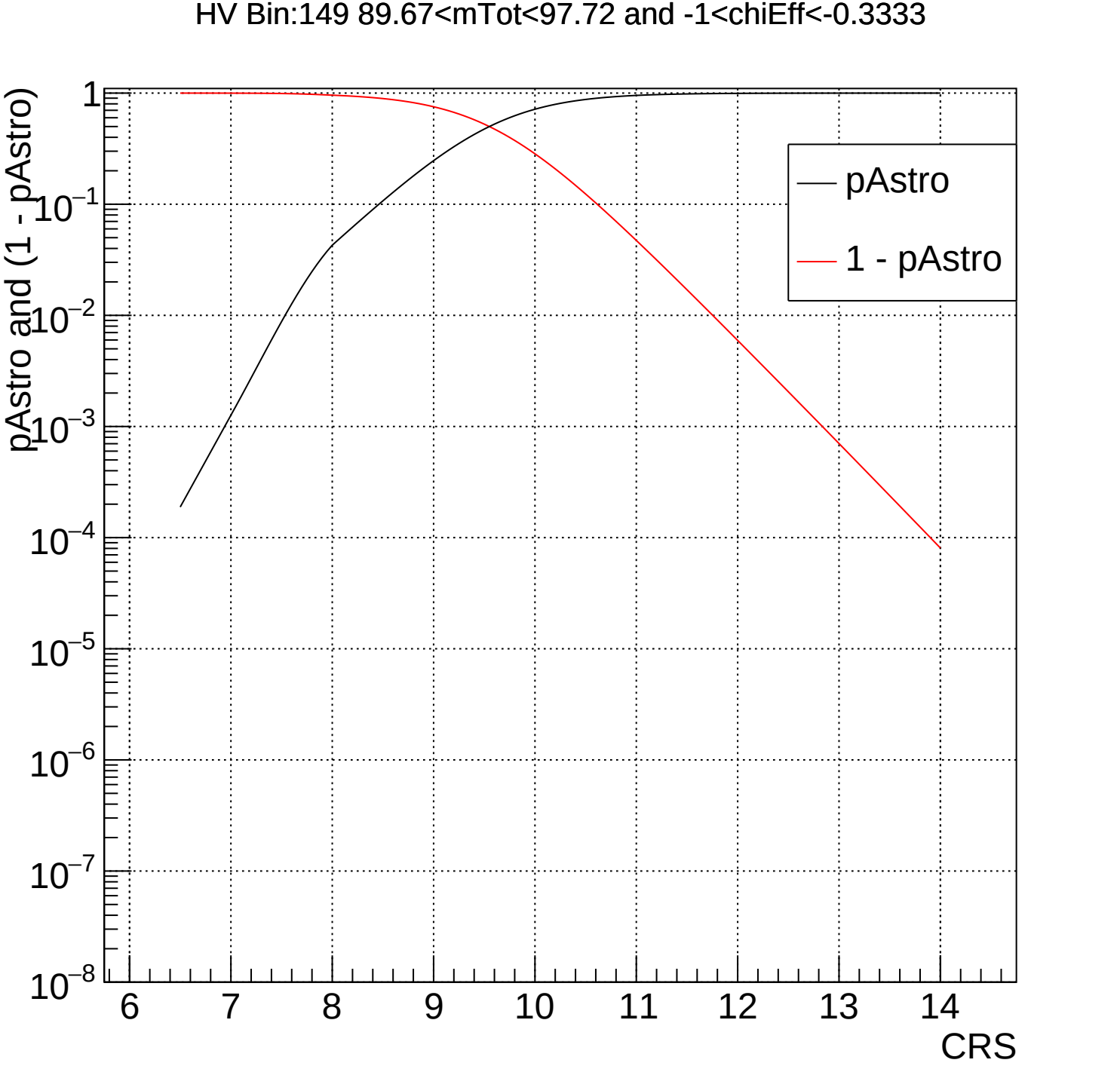
HV Bin:149 89.67<mTot<97.72 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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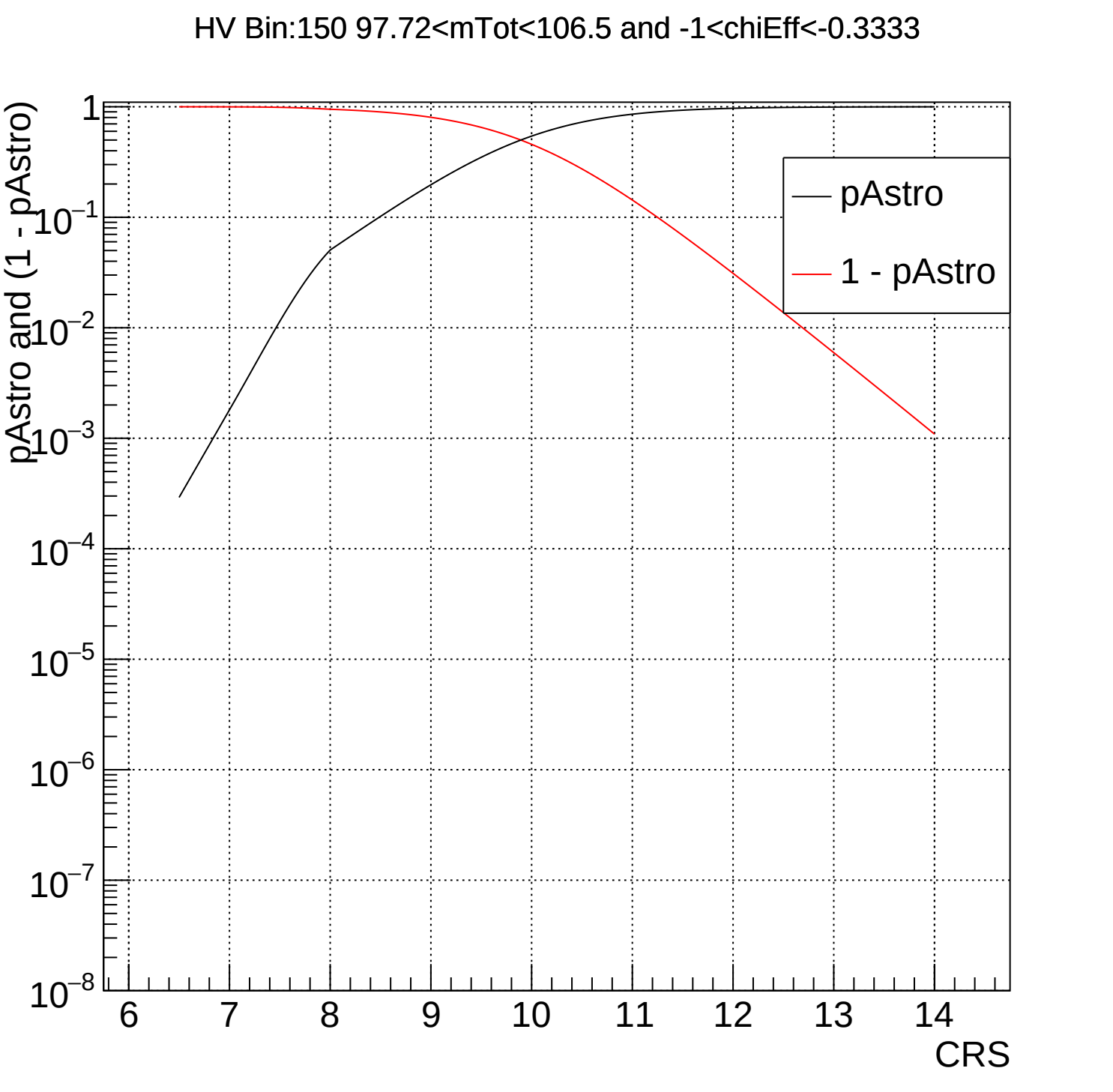
HV Bin:150 97.72<mTot<106.5 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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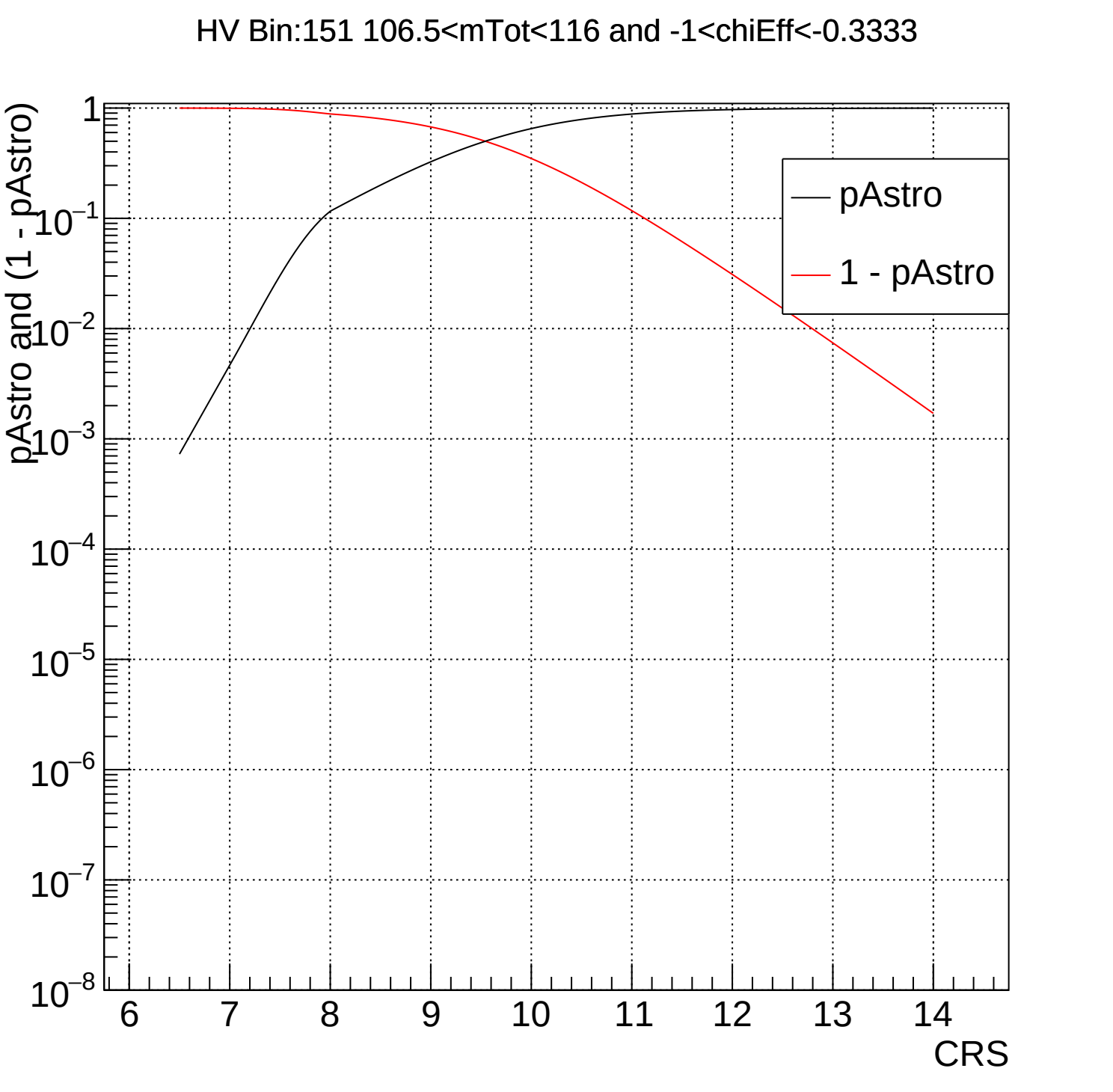
HV Bin:151 106.5<mTot<116 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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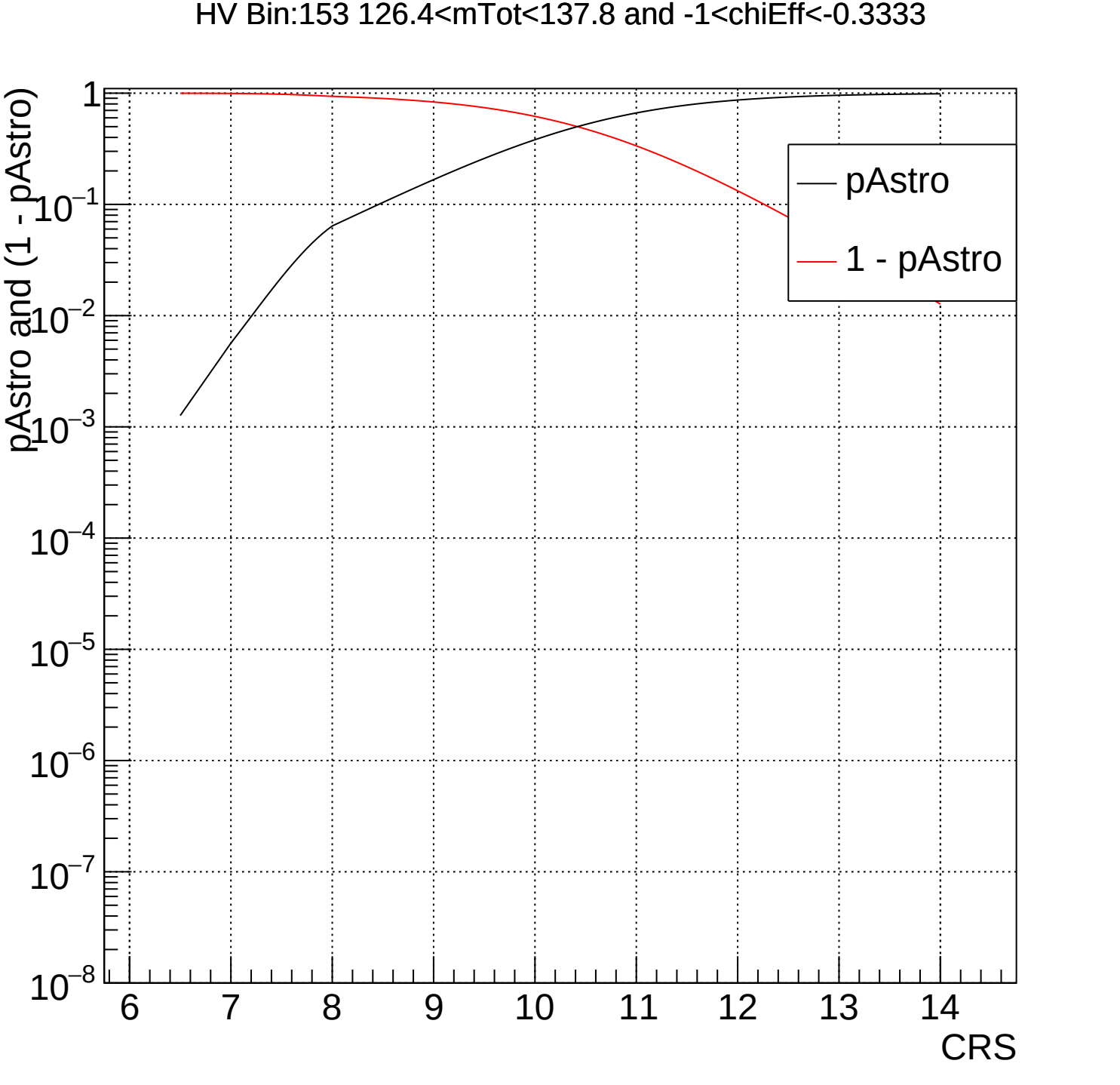
HV Bin:153 126.4<mTot<137.8 and -1<chiEff<-0.3333
pAstro and (1 - pAstro)
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pAstro
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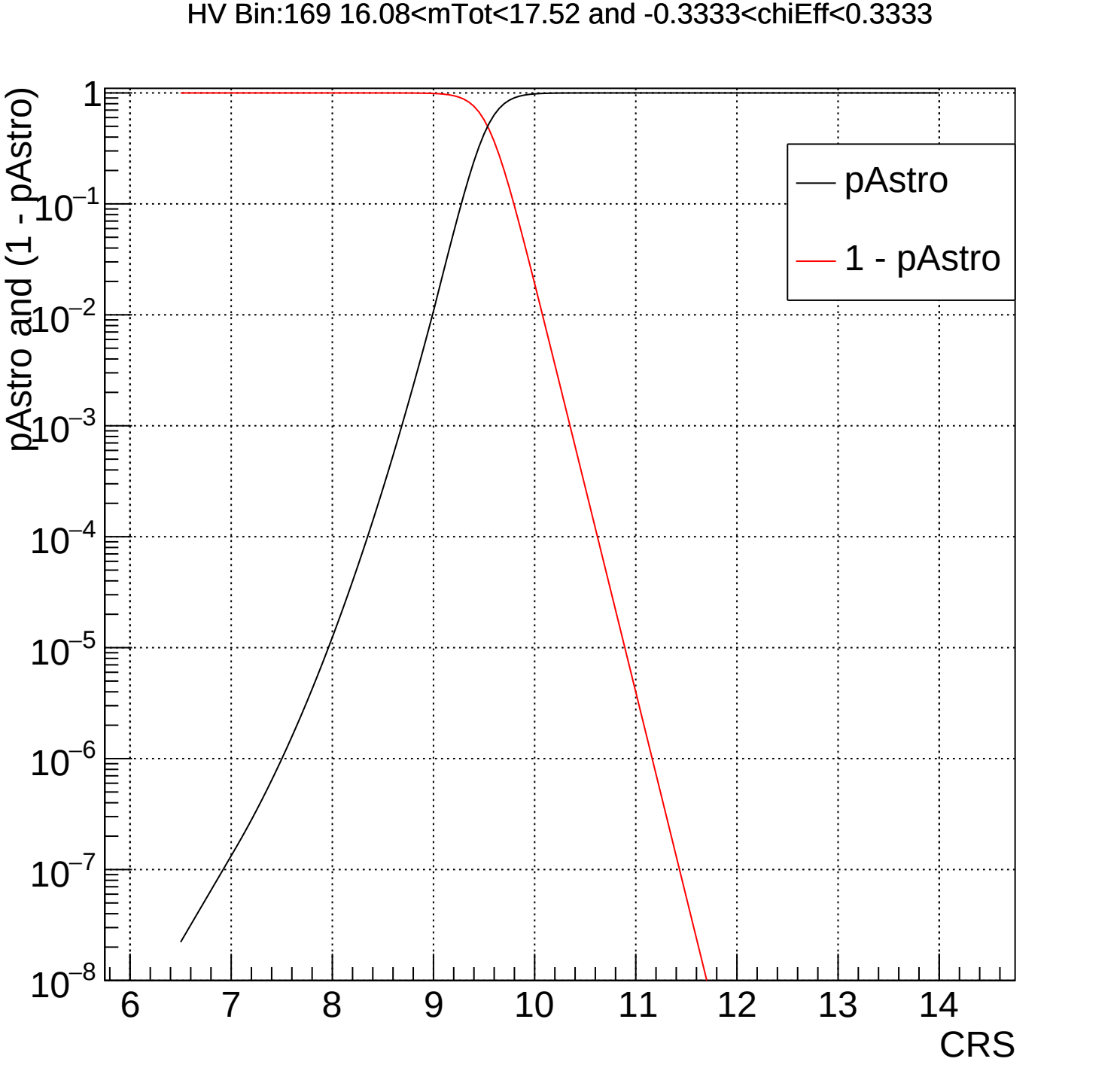
HV Bin:169 16.08<mTot<17.52 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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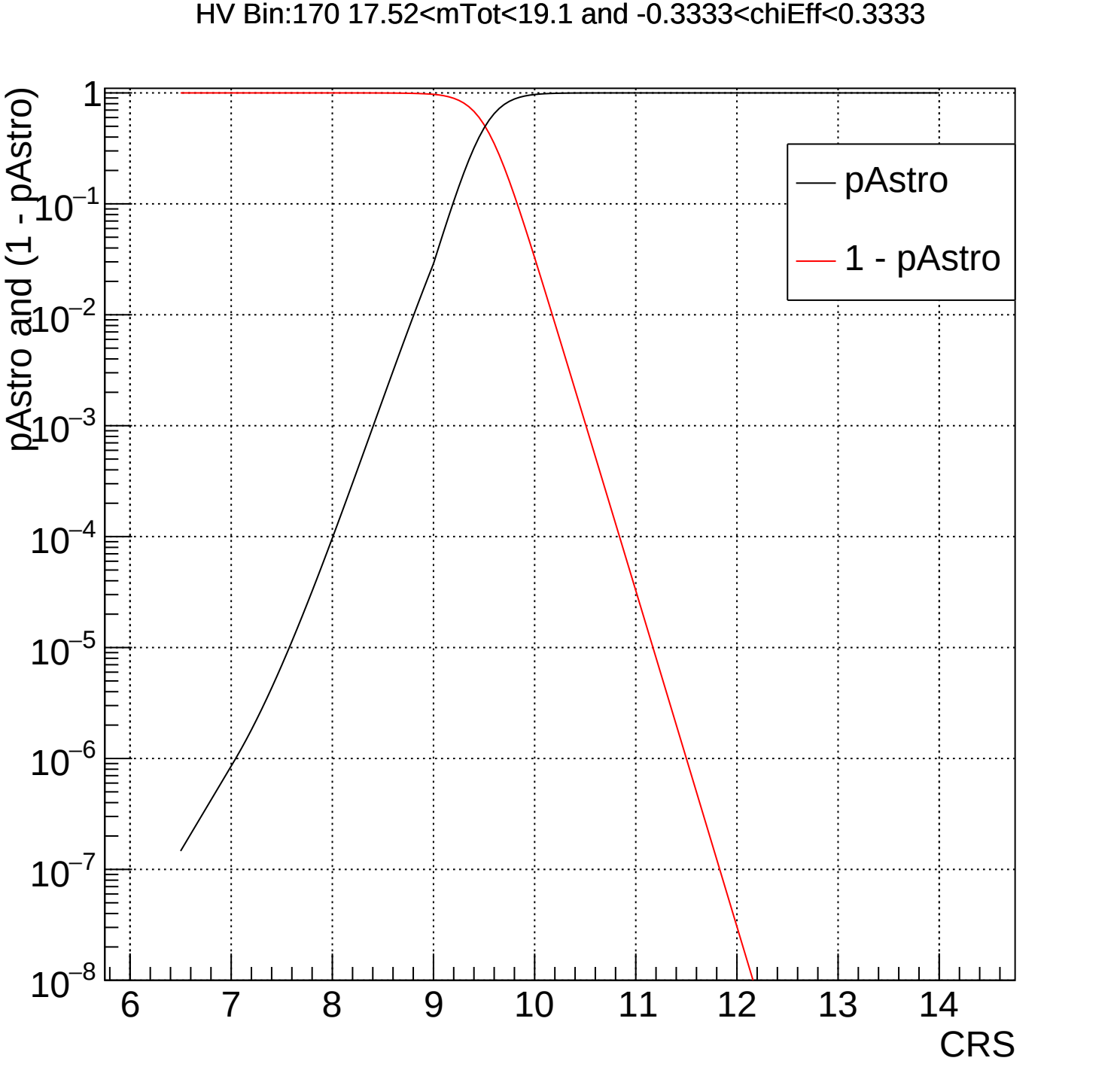
HV Bin:170 17.52<mTot<19.1 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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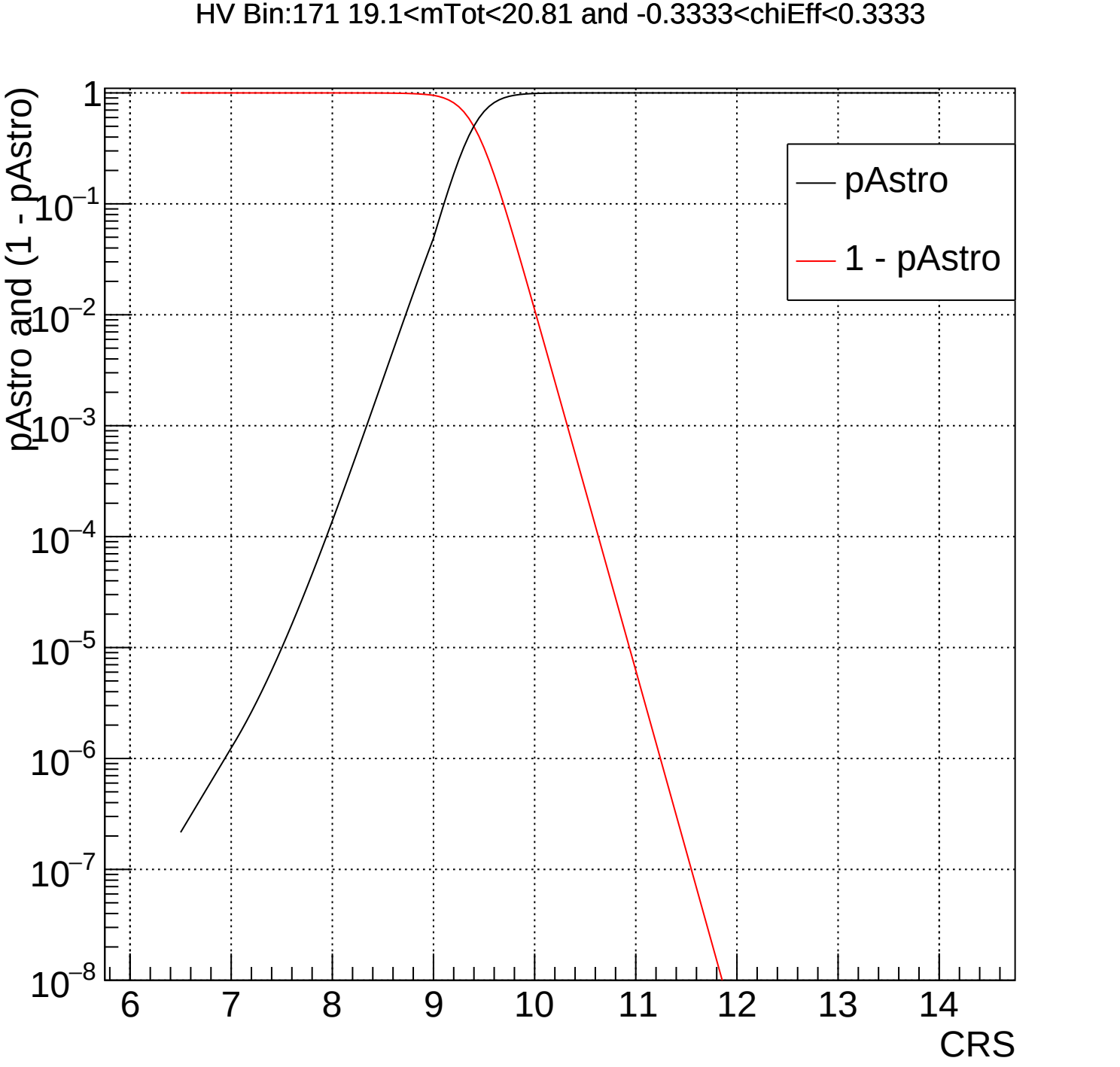
HV Bin:171 19.1<mTot<20.81 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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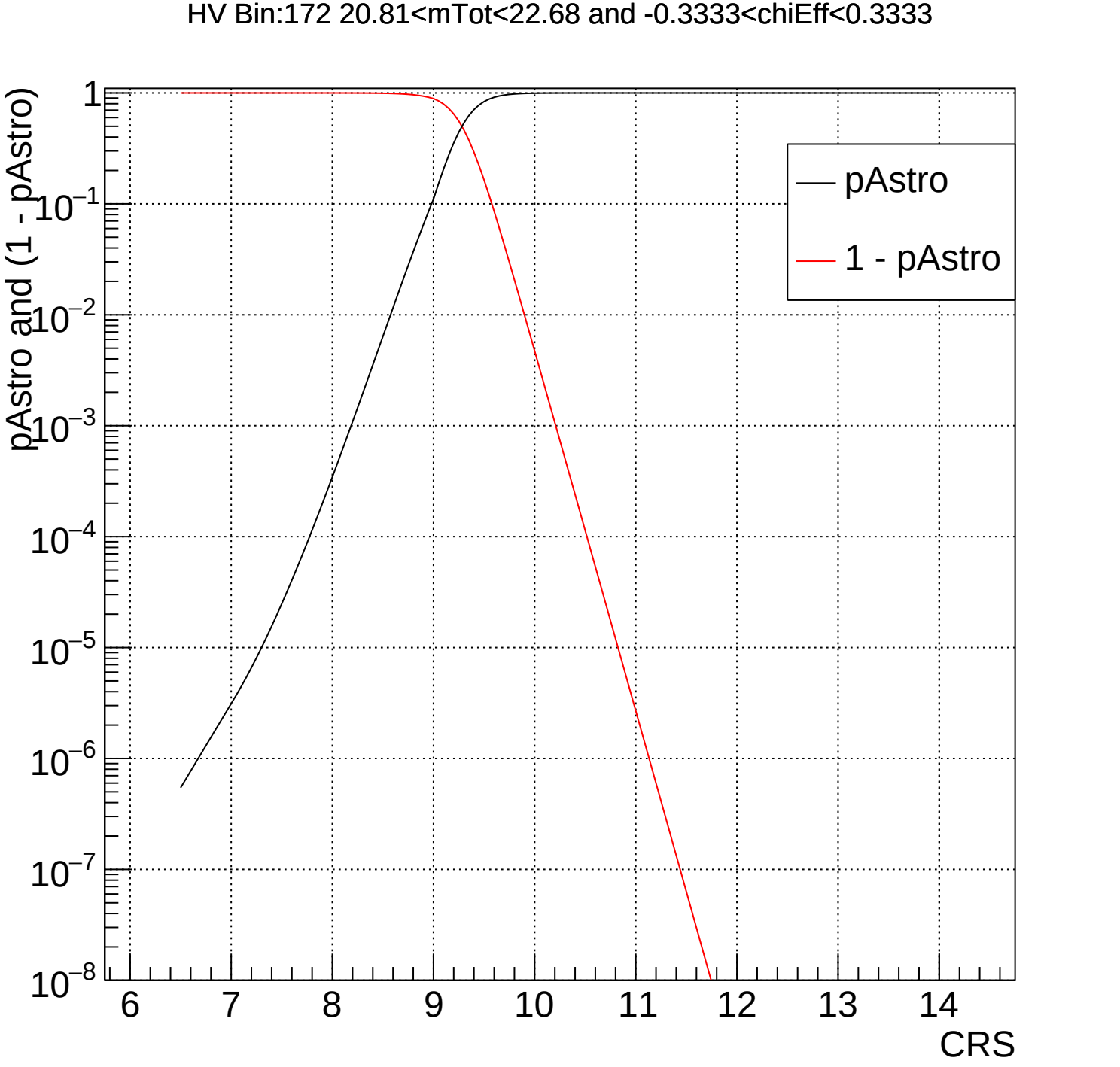
HV Bin:172 20.81<mTot<22.68 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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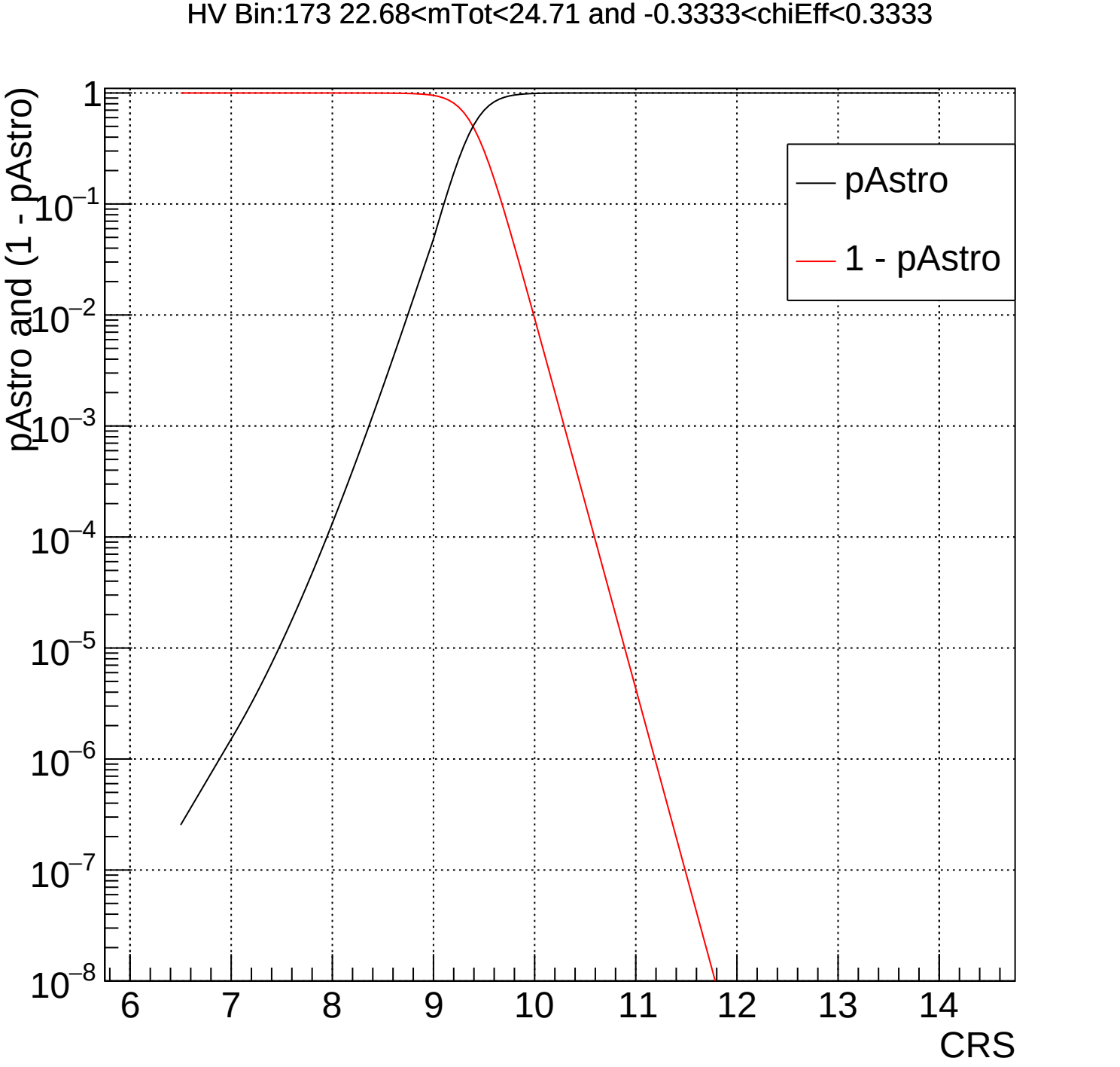
HV Bin:173 22.68<mTot<24.71 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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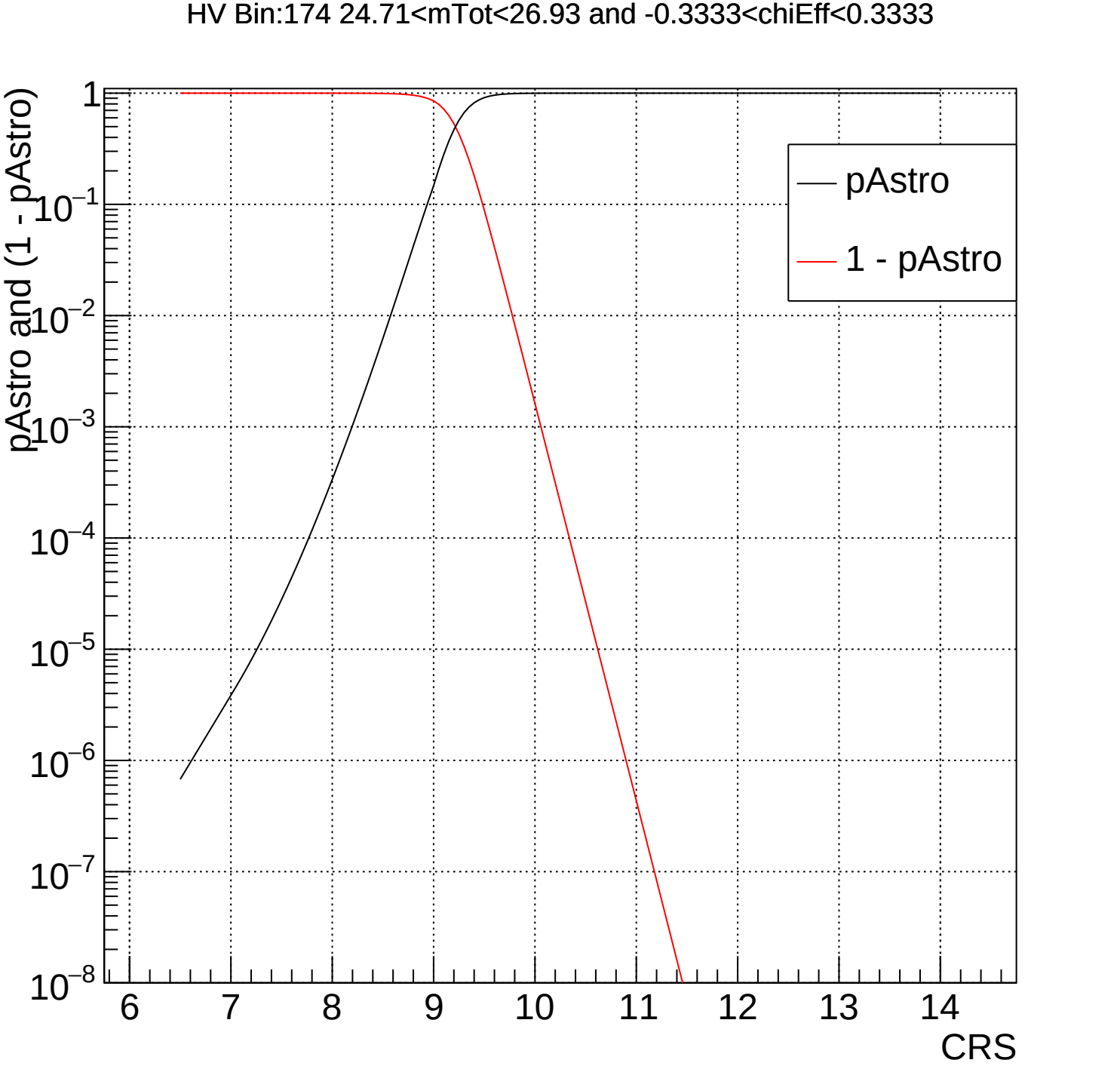
HV Bin:174 24.71<mTot<26.93 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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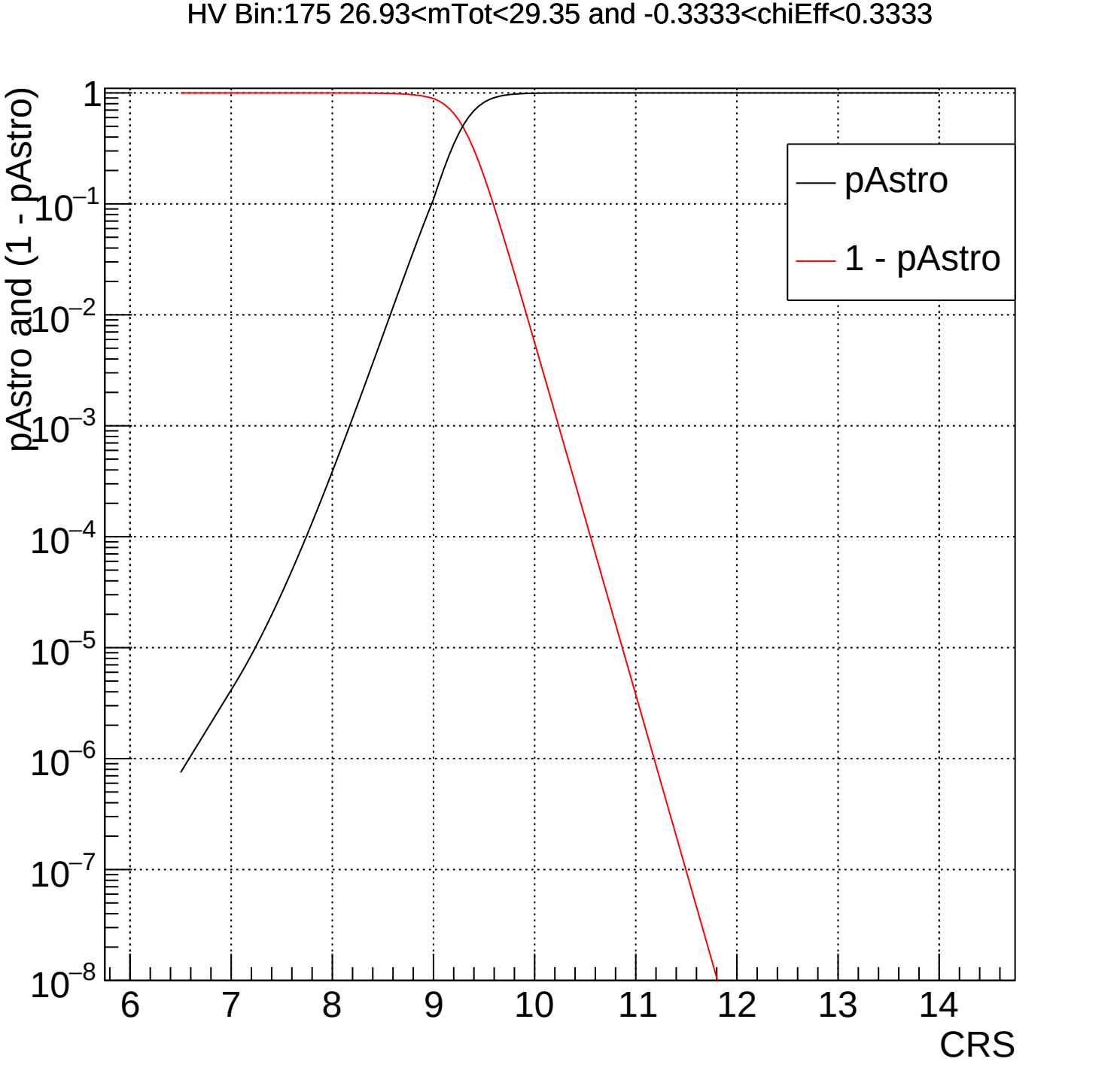
HV Bin:175 26.93<mTot<29.35 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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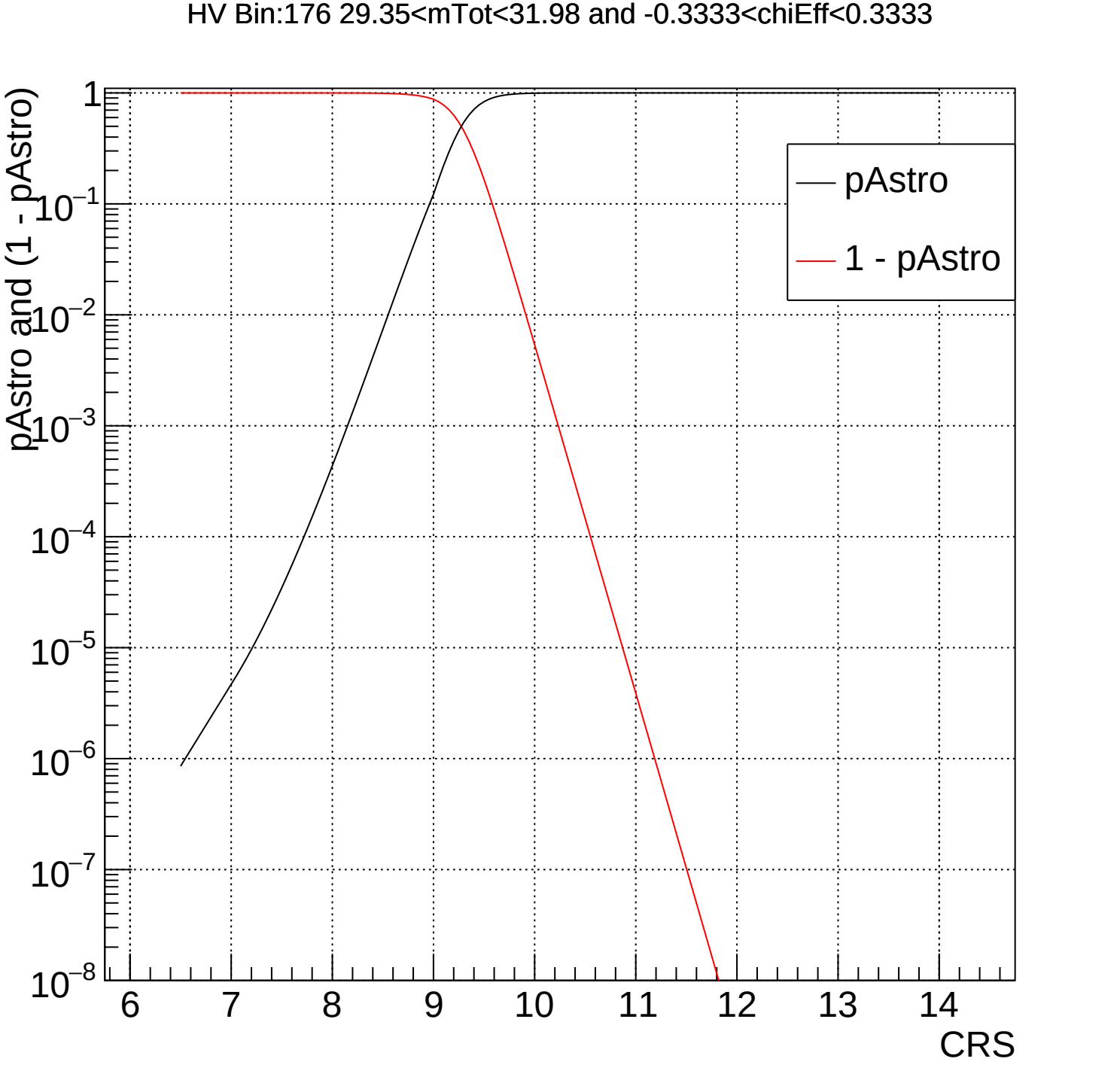
HV Bin:176 29.35<mTot<31.98 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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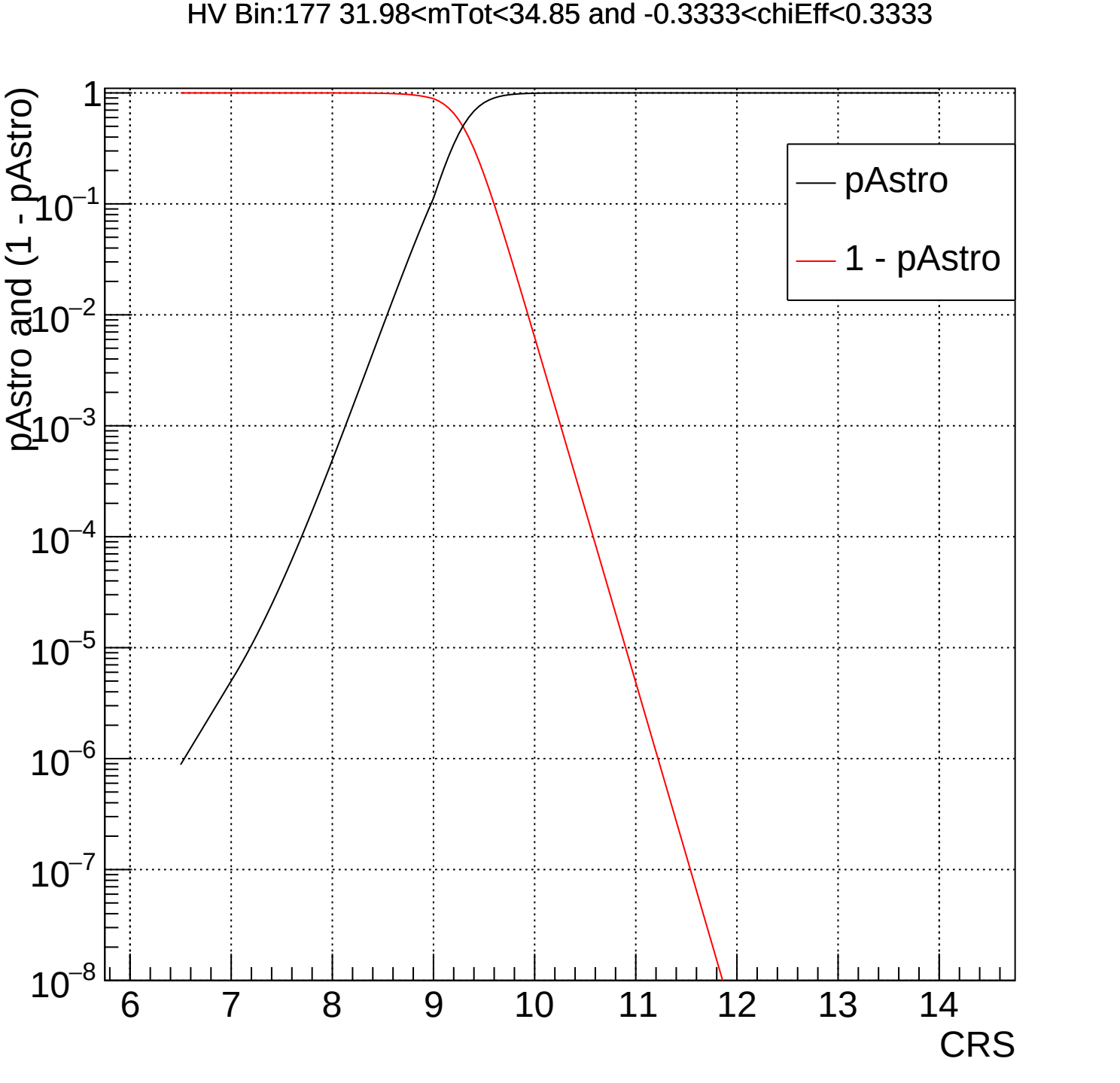
HV Bin:177 31.98<mTot<34.85 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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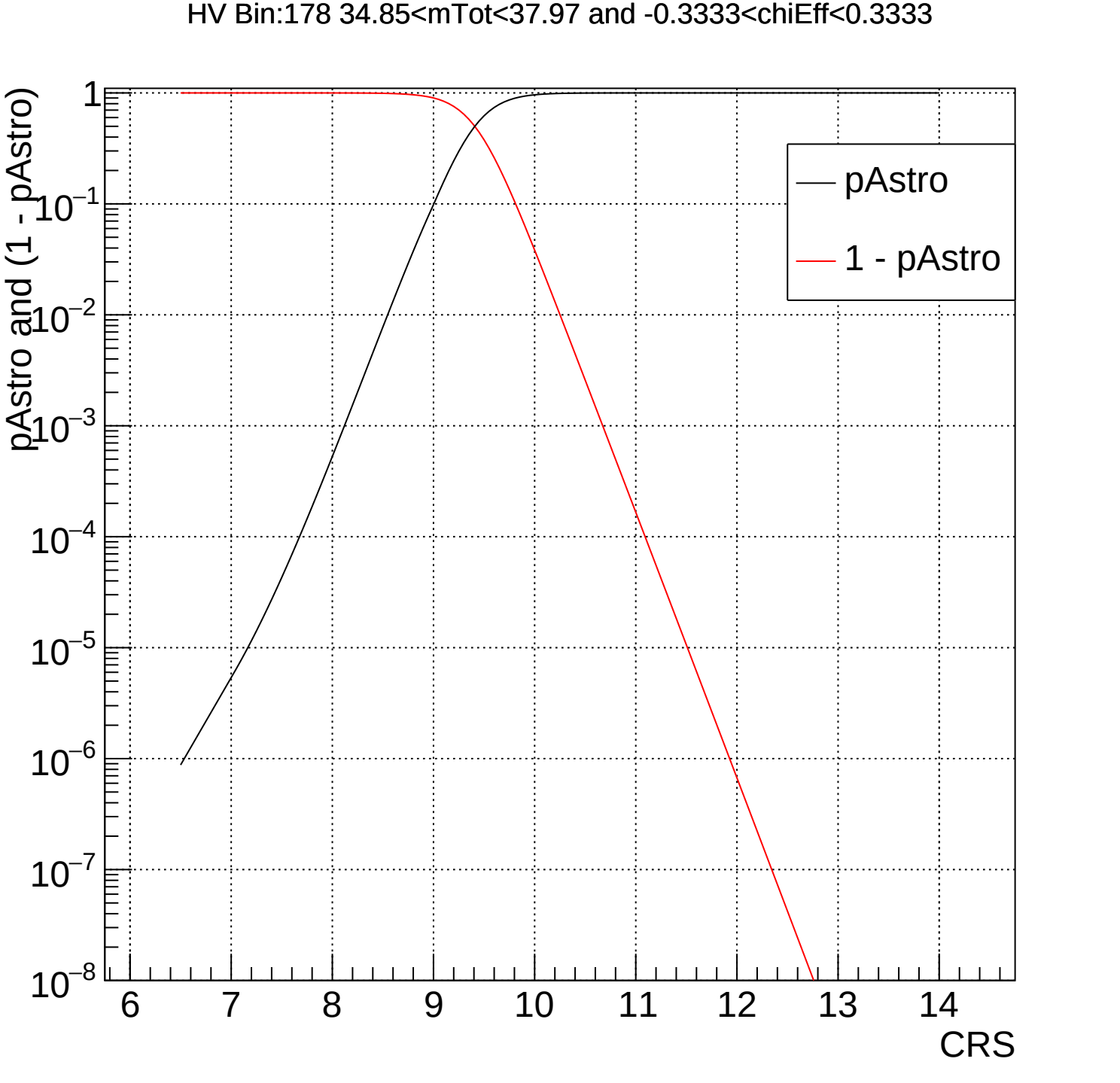
HV Bin:178 34.85<mTot<37.97 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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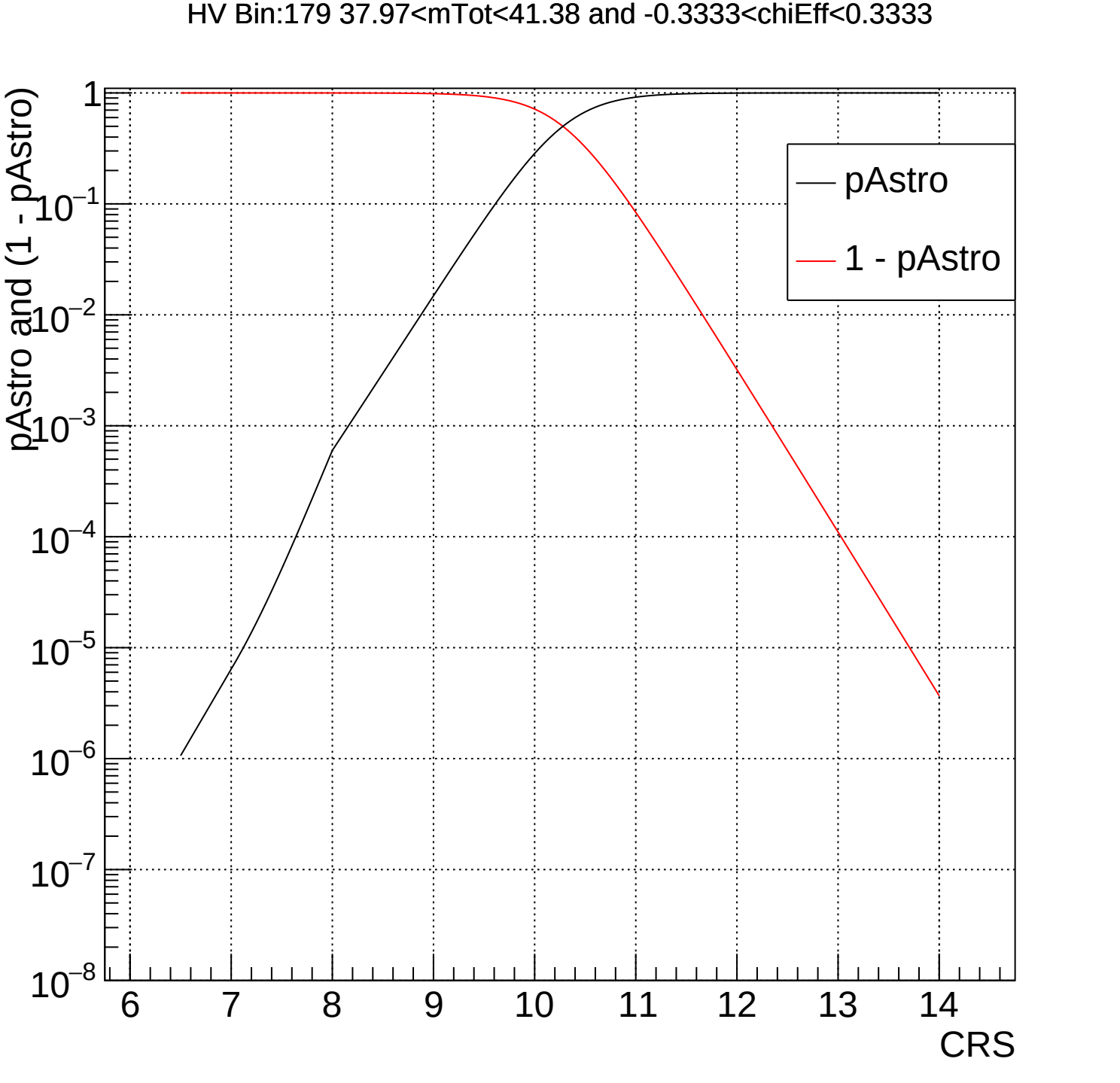
HV Bin:179 37.97<mTot<41.38 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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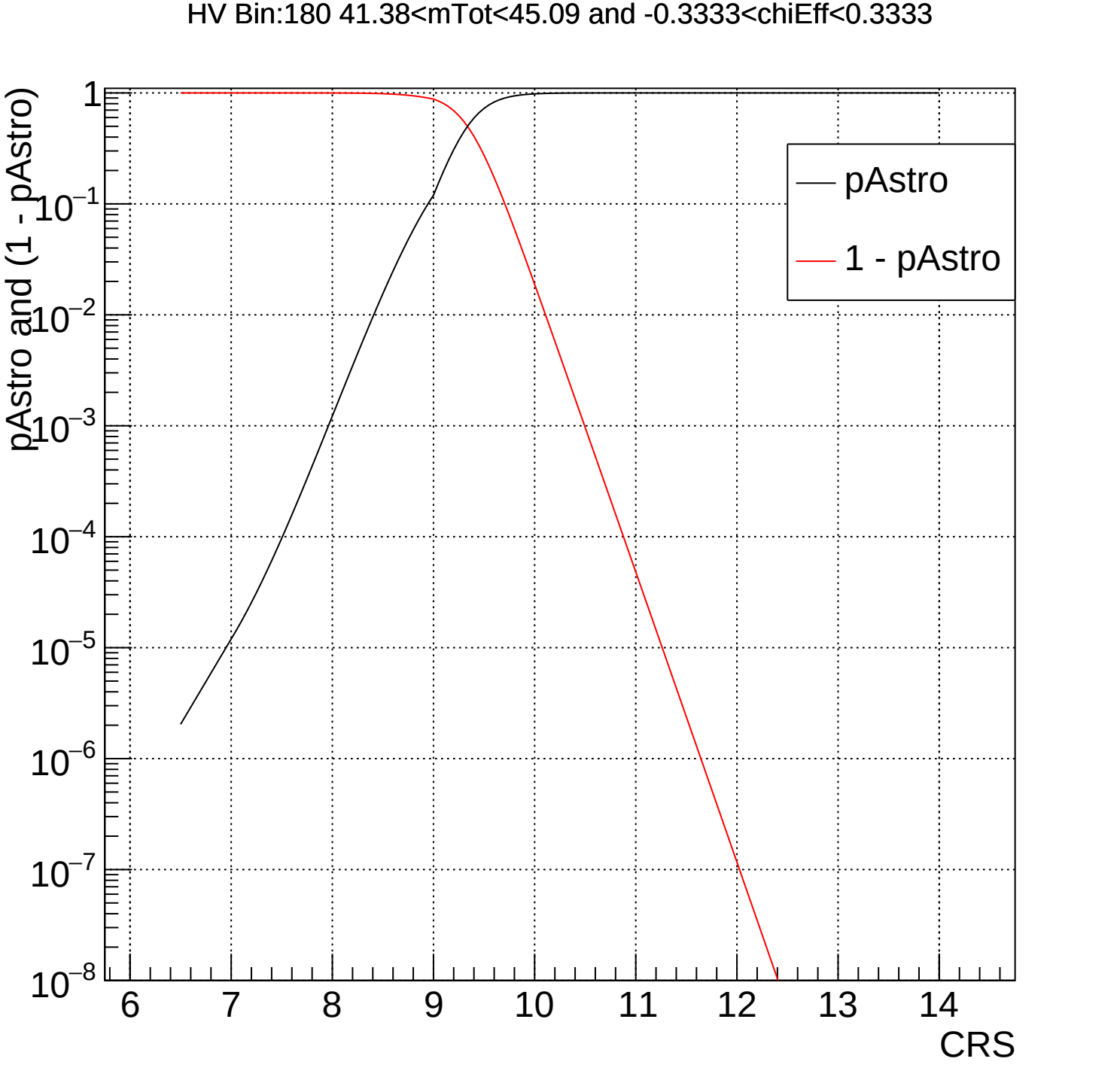
HV Bin:180 41.38<mTot<45.09 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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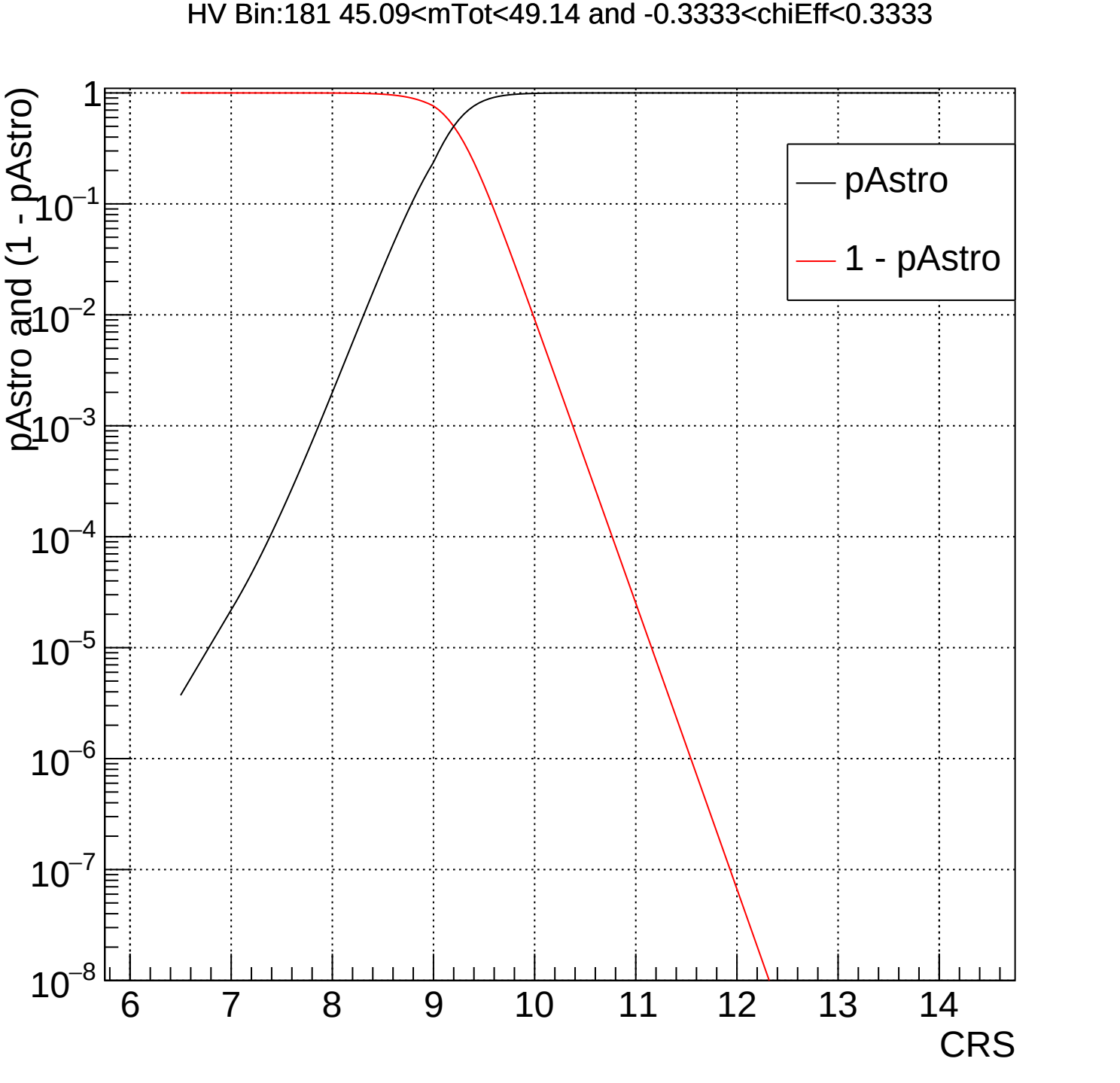
pAstro
1 - pAstro


HV Bin:181 45.09<mTot<49.14 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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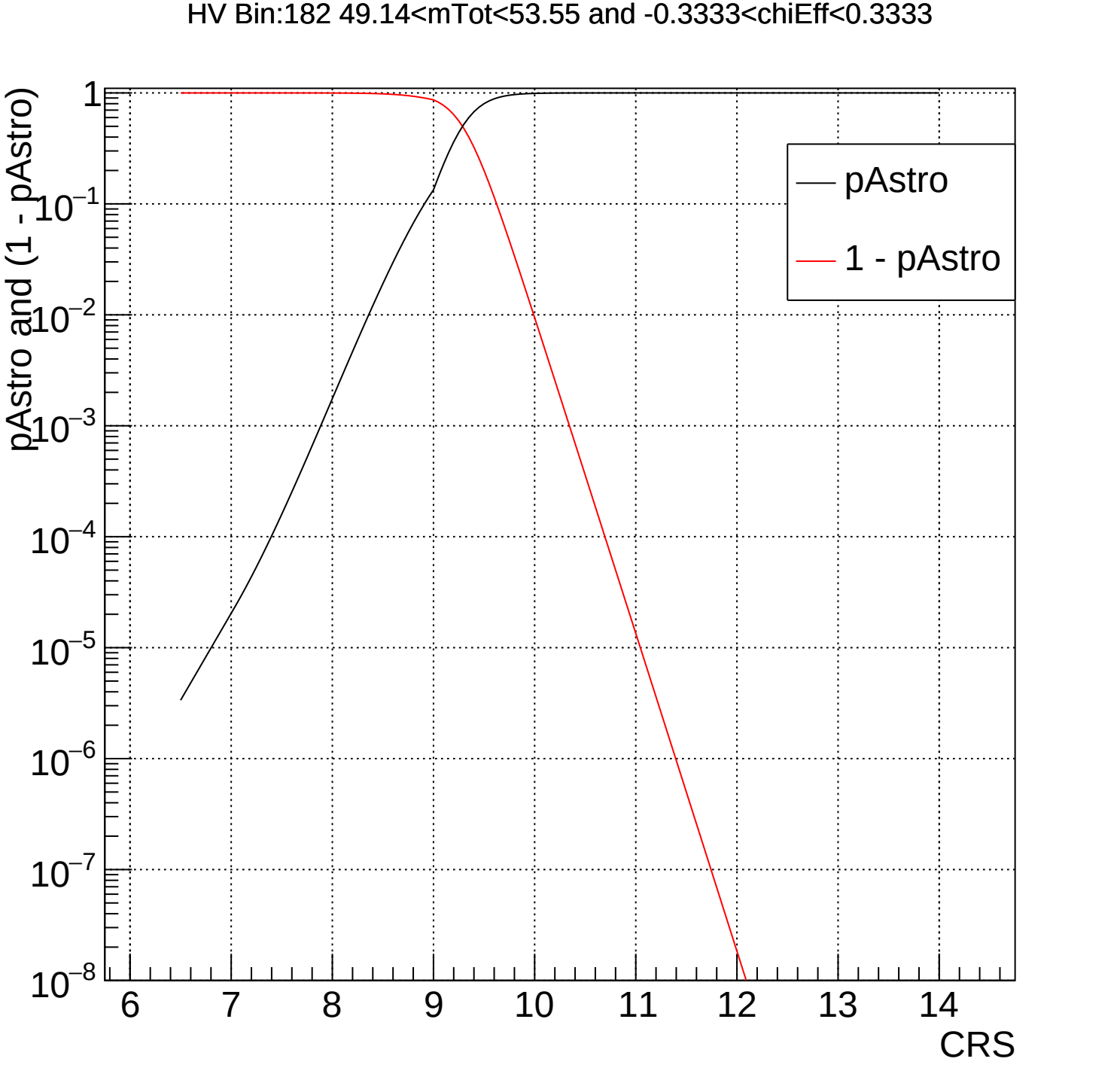
1 - pAstro


HV Bin:182 49.14<mTot<53.55 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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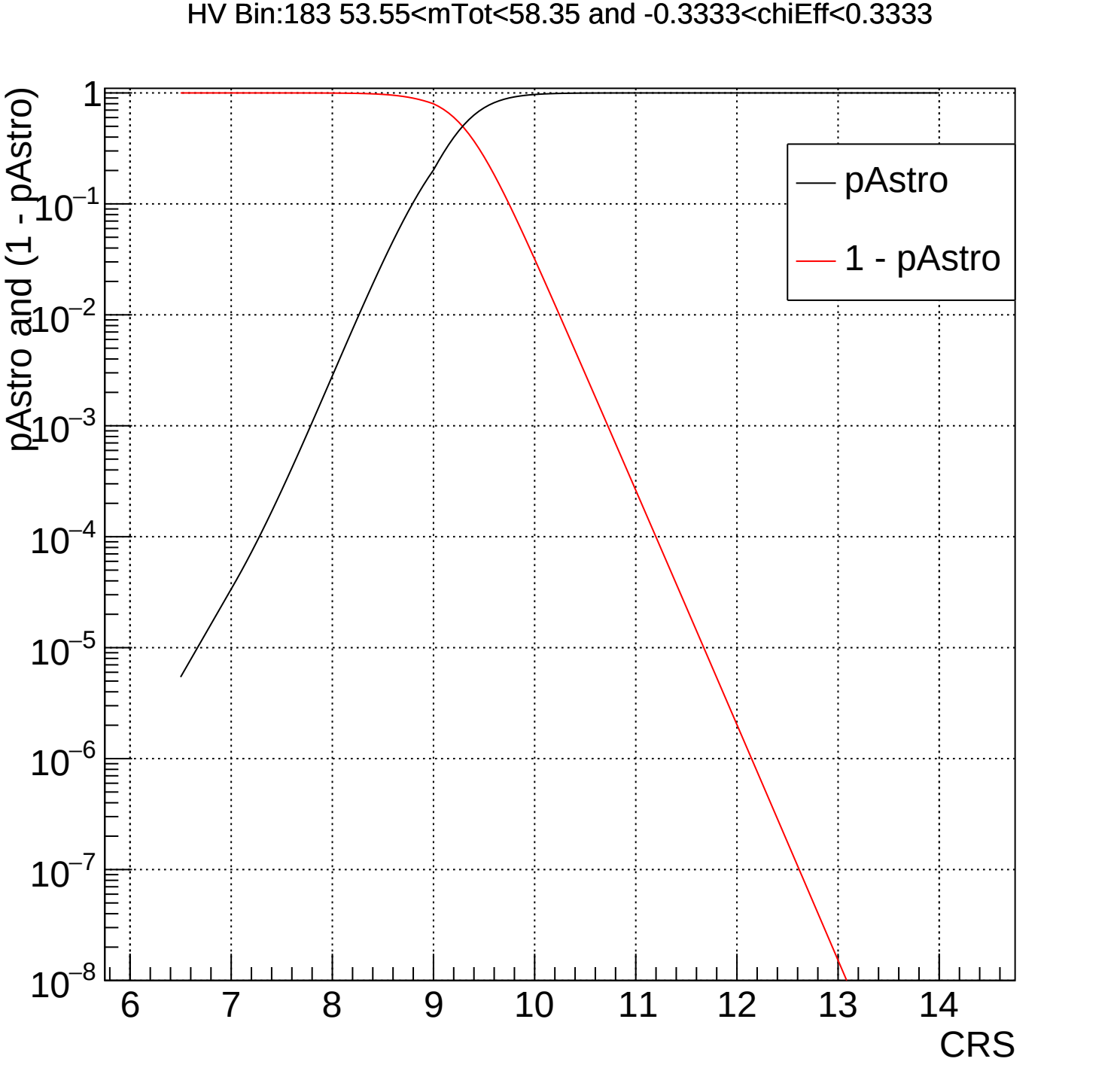
1 - pAstro


HV Bin:183 53.55<mTot<58.35 and -0.3333<chiEff<0.3333
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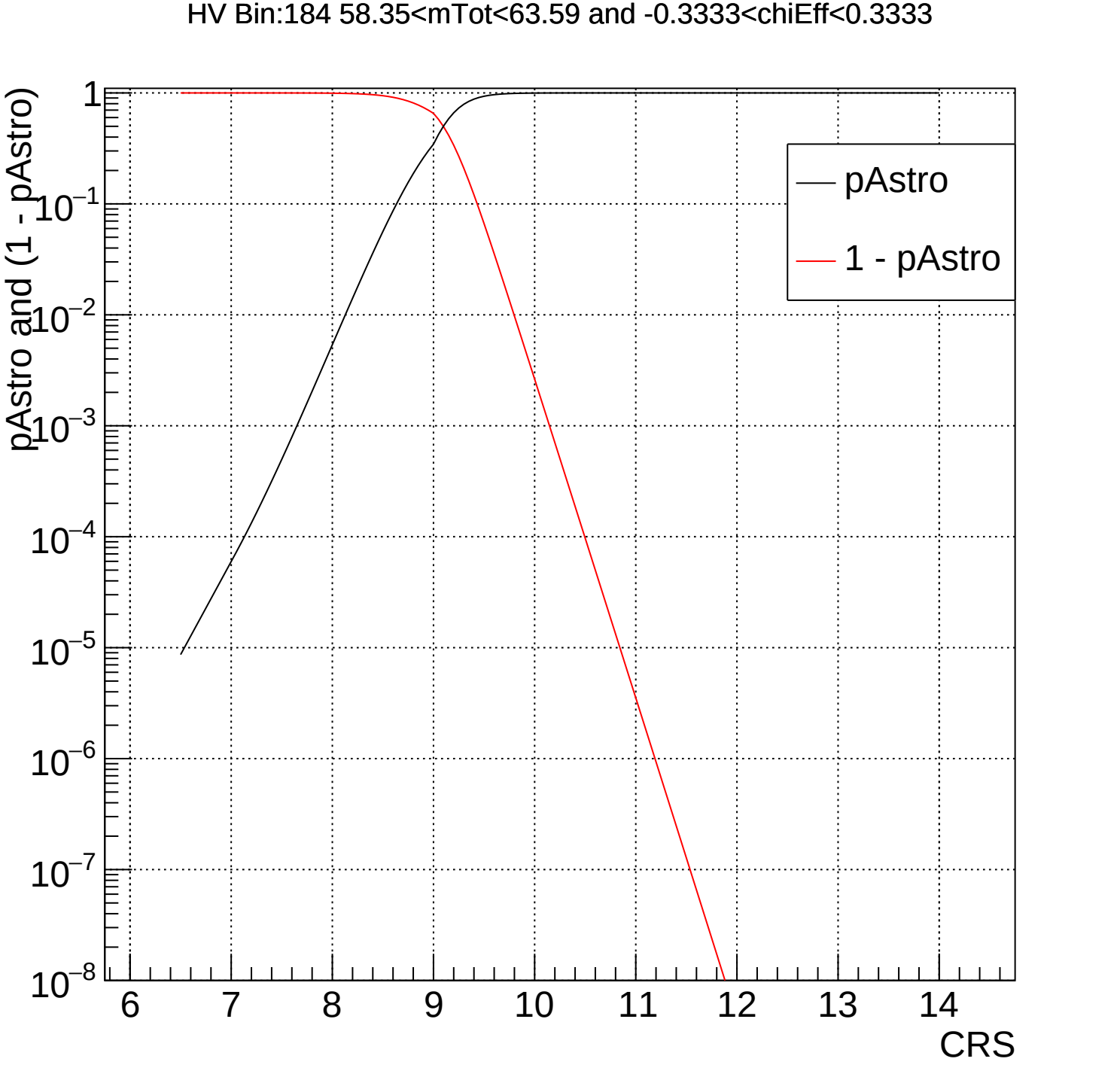
HV Bin:184 58.35<mTot<63.59 and -0.3333<chiEff<0.3333
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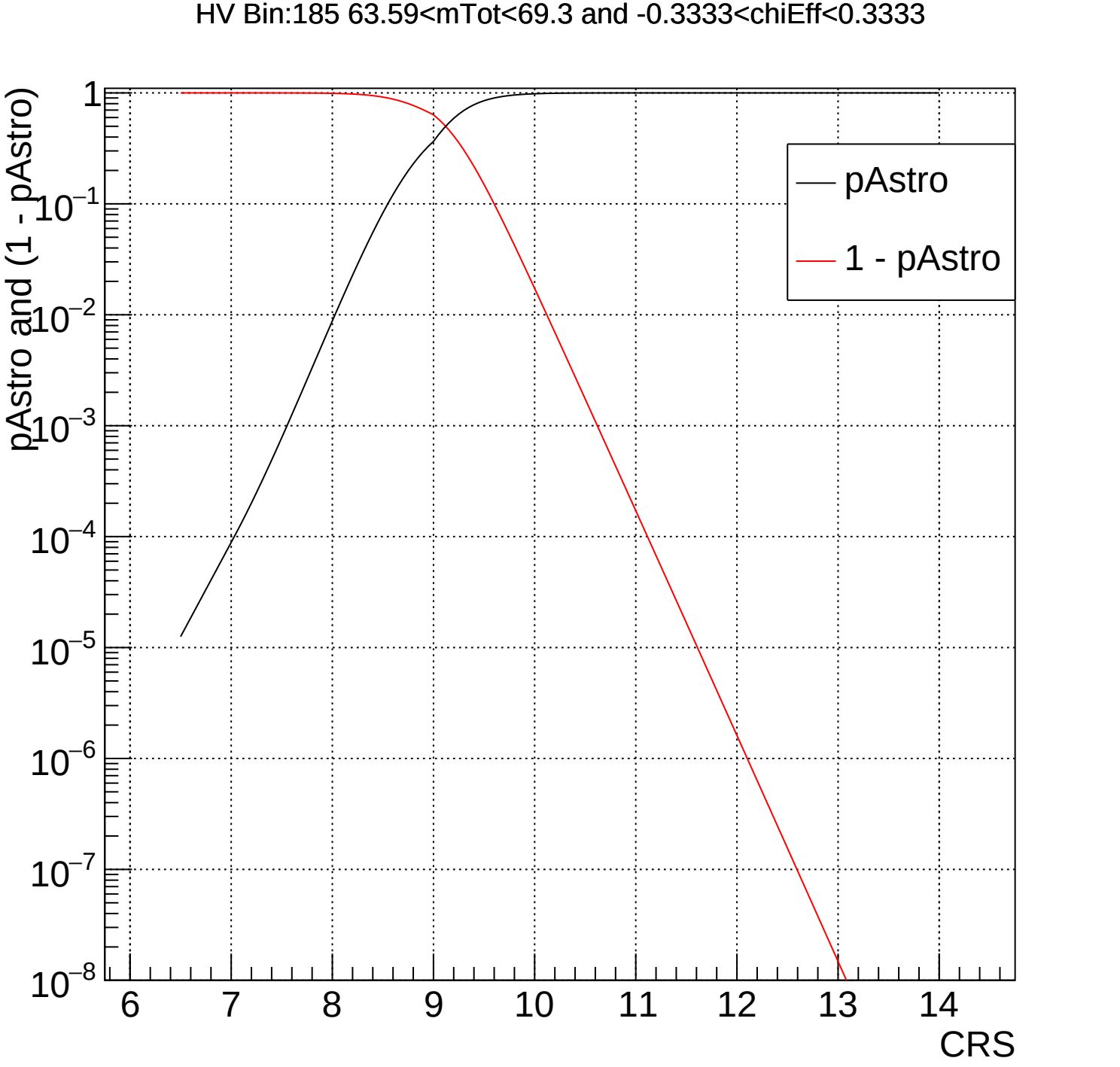
HV Bin:185 63.59<mTot<69.3 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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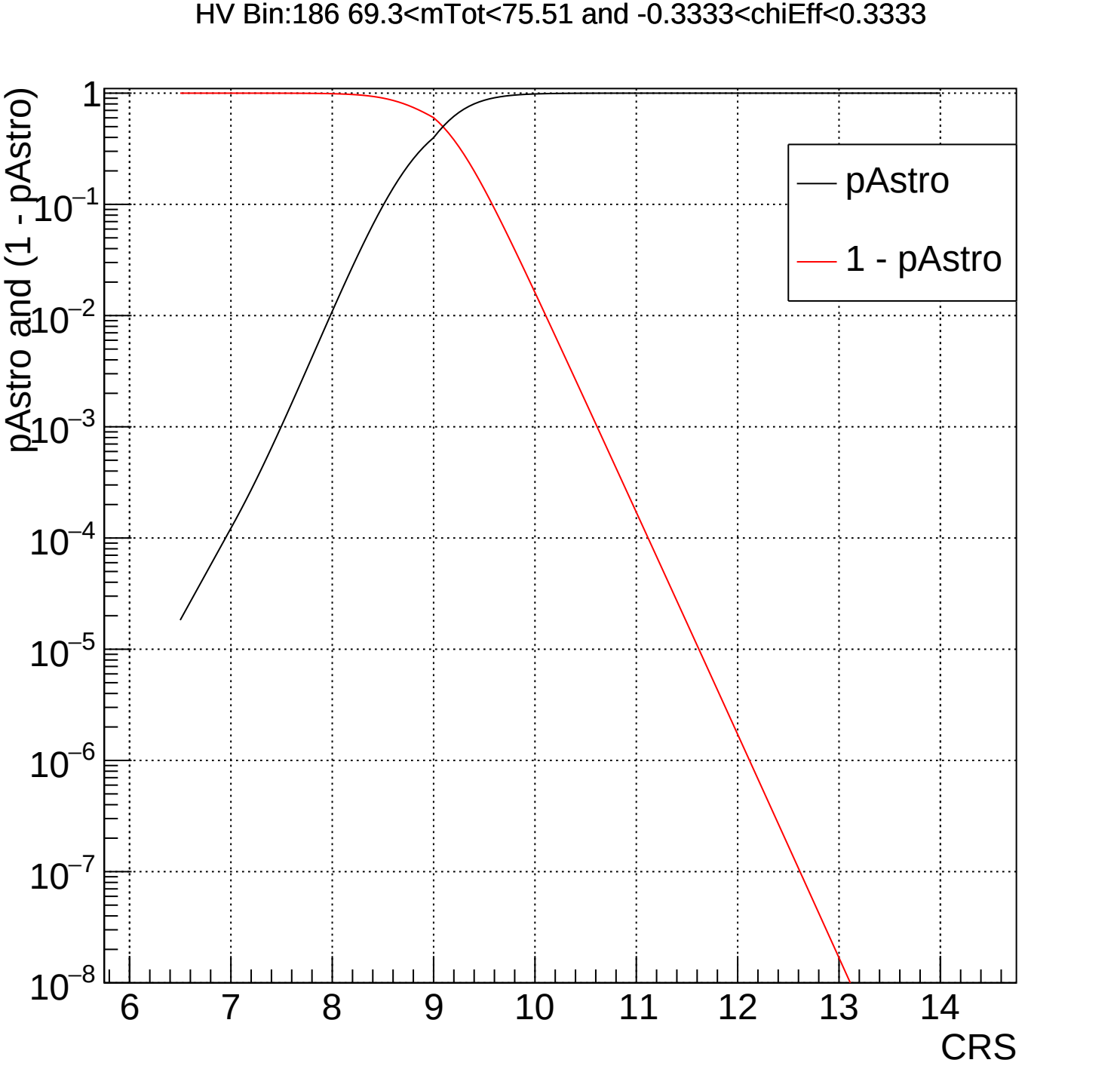
HV Bin:186 69.3<mTot<75.51 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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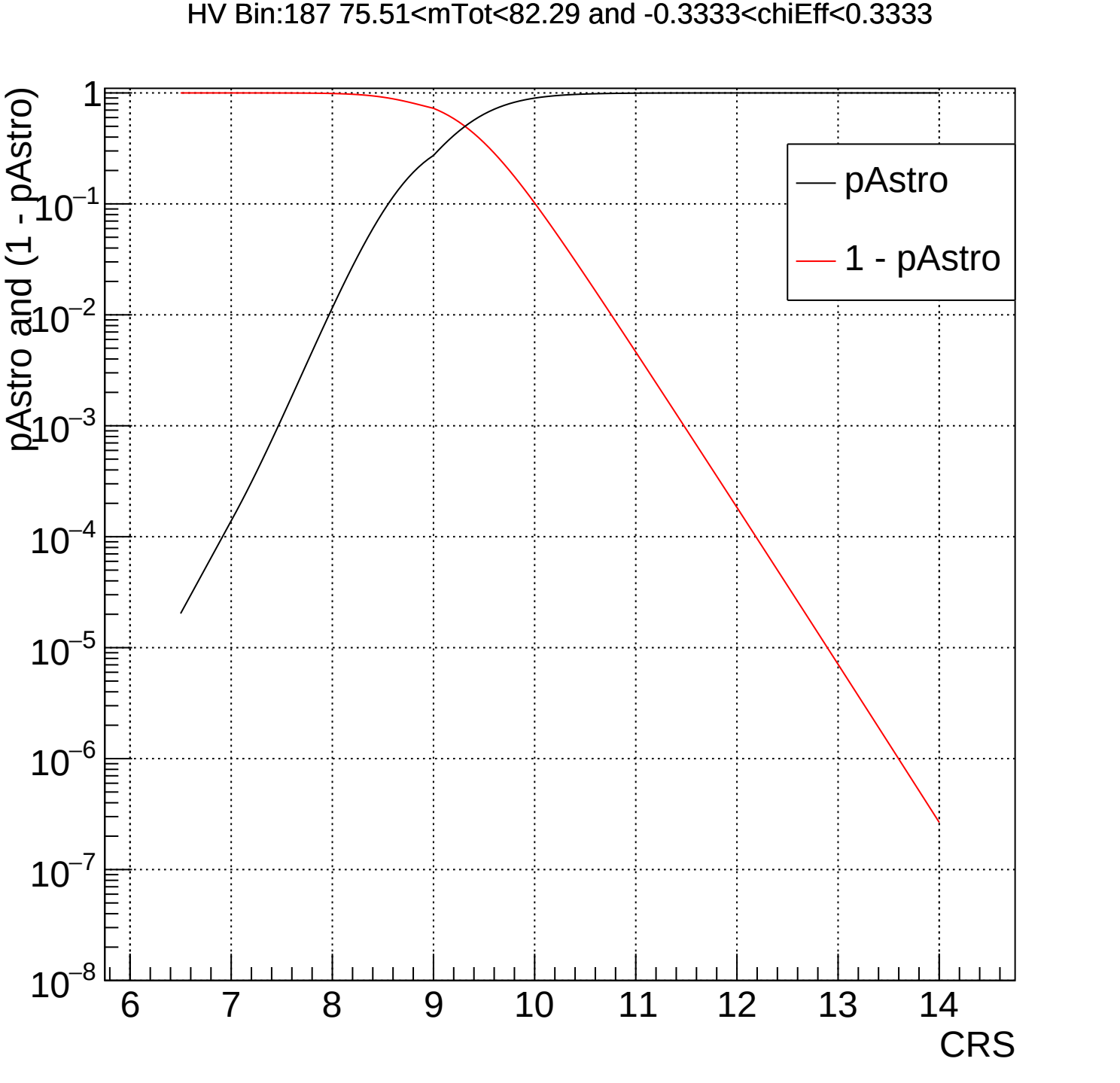
HV Bin:187 75.51<mTot<82.29 and -0.3333<chiEff<0.3333
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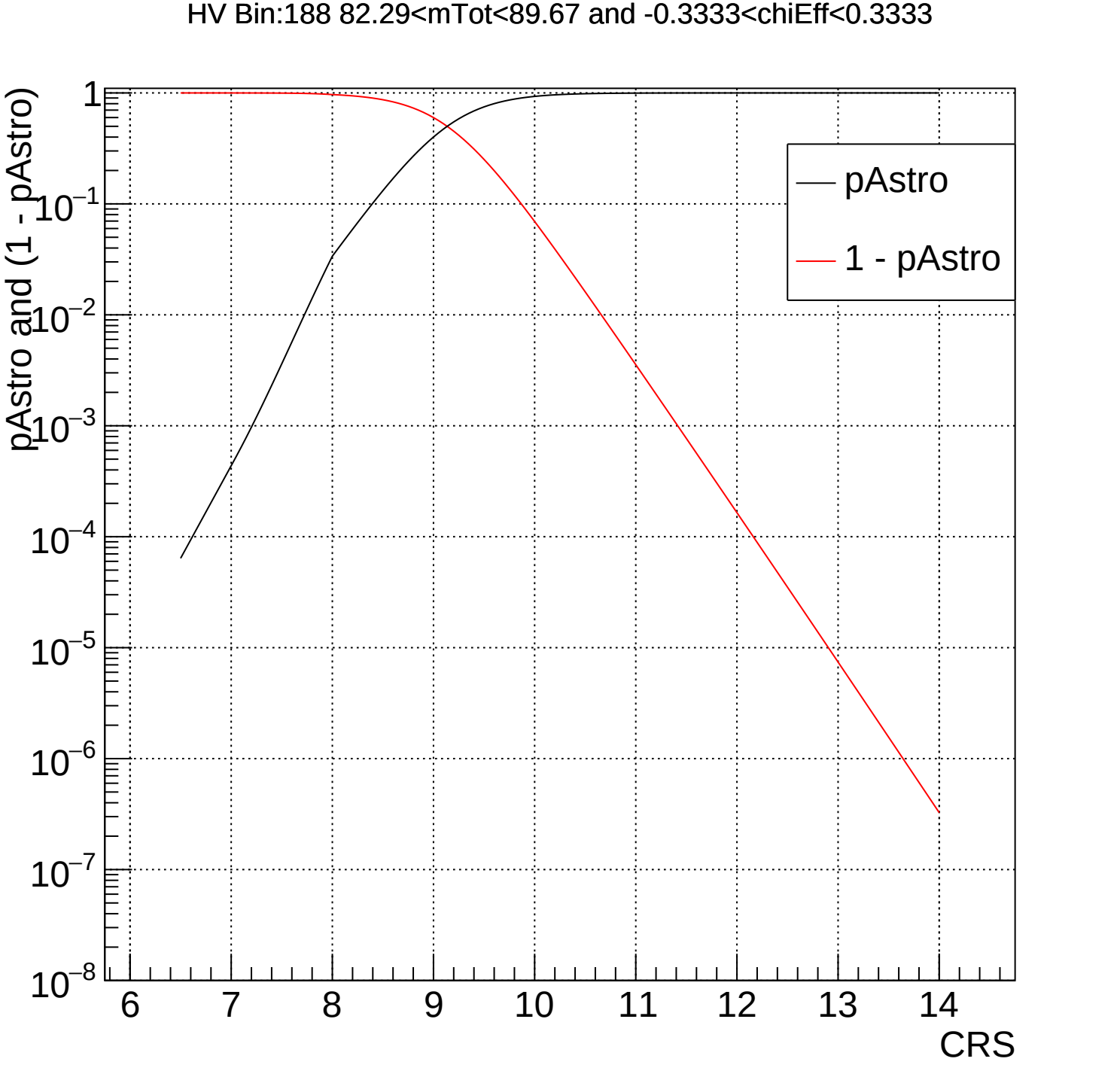
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pAstro and (1 - pAstro)
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pAstro
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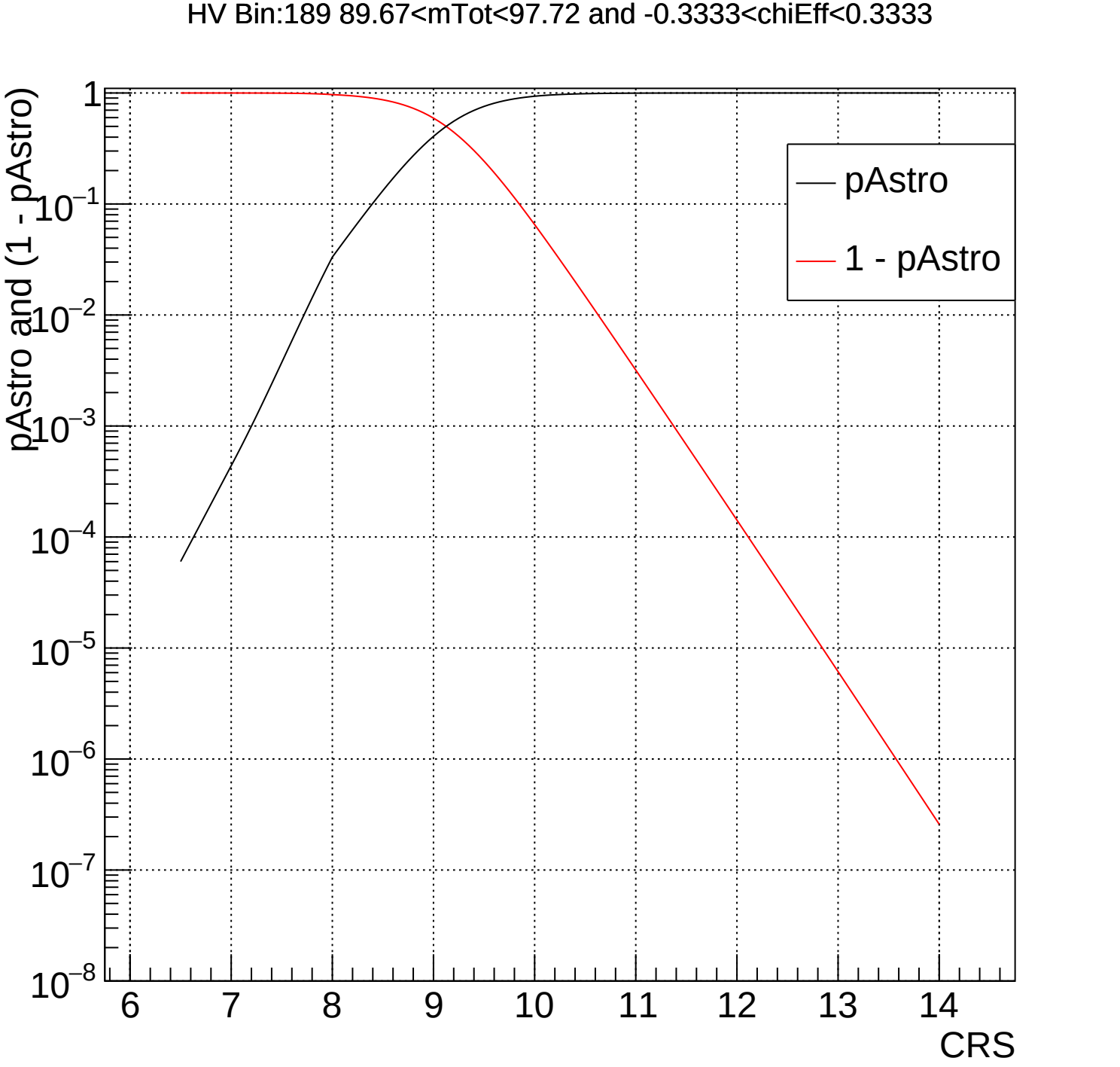
HV Bin:189 89.67<mTot<97.72 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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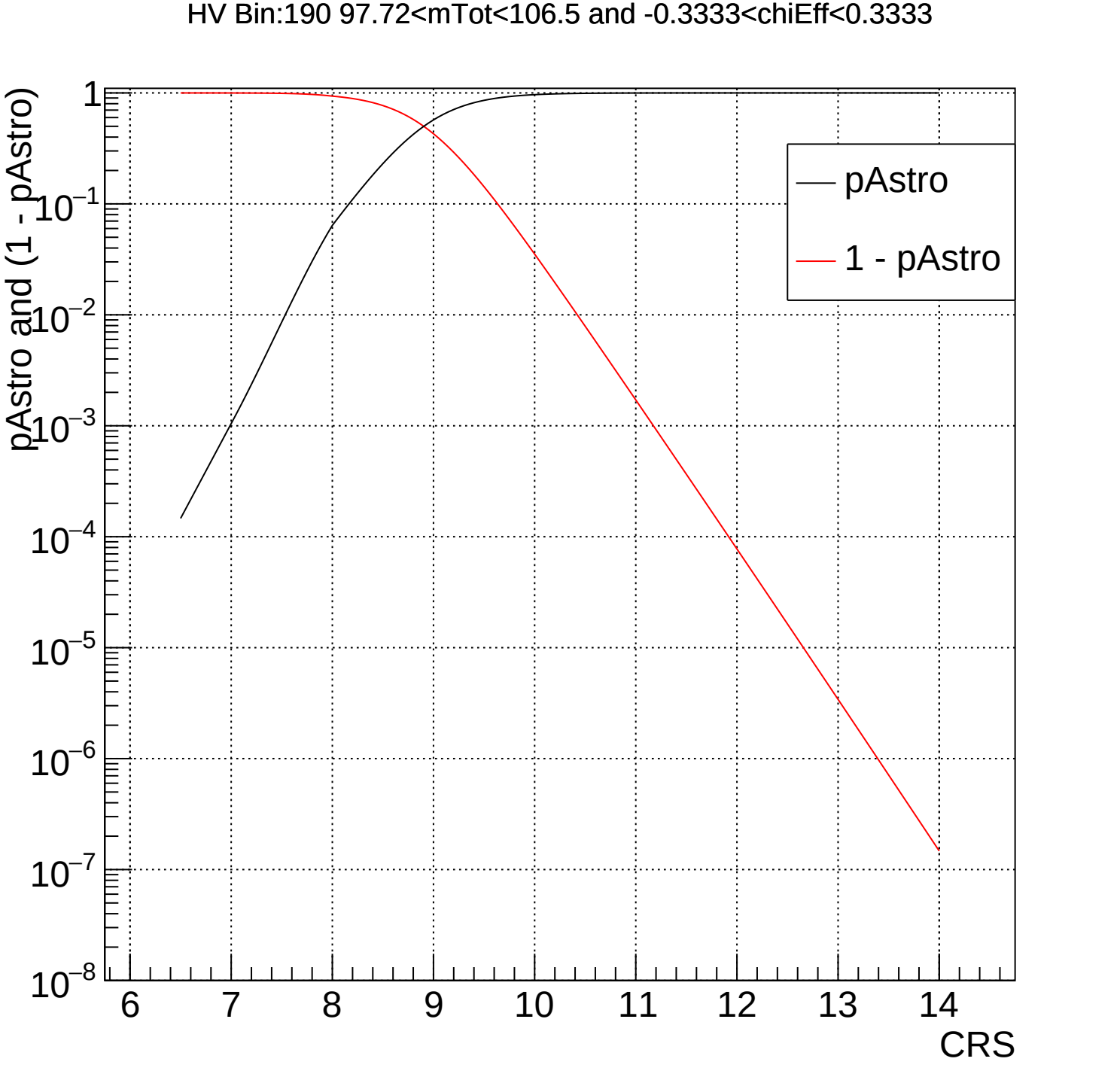
HV Bin:190 97.72<mTot<106.5 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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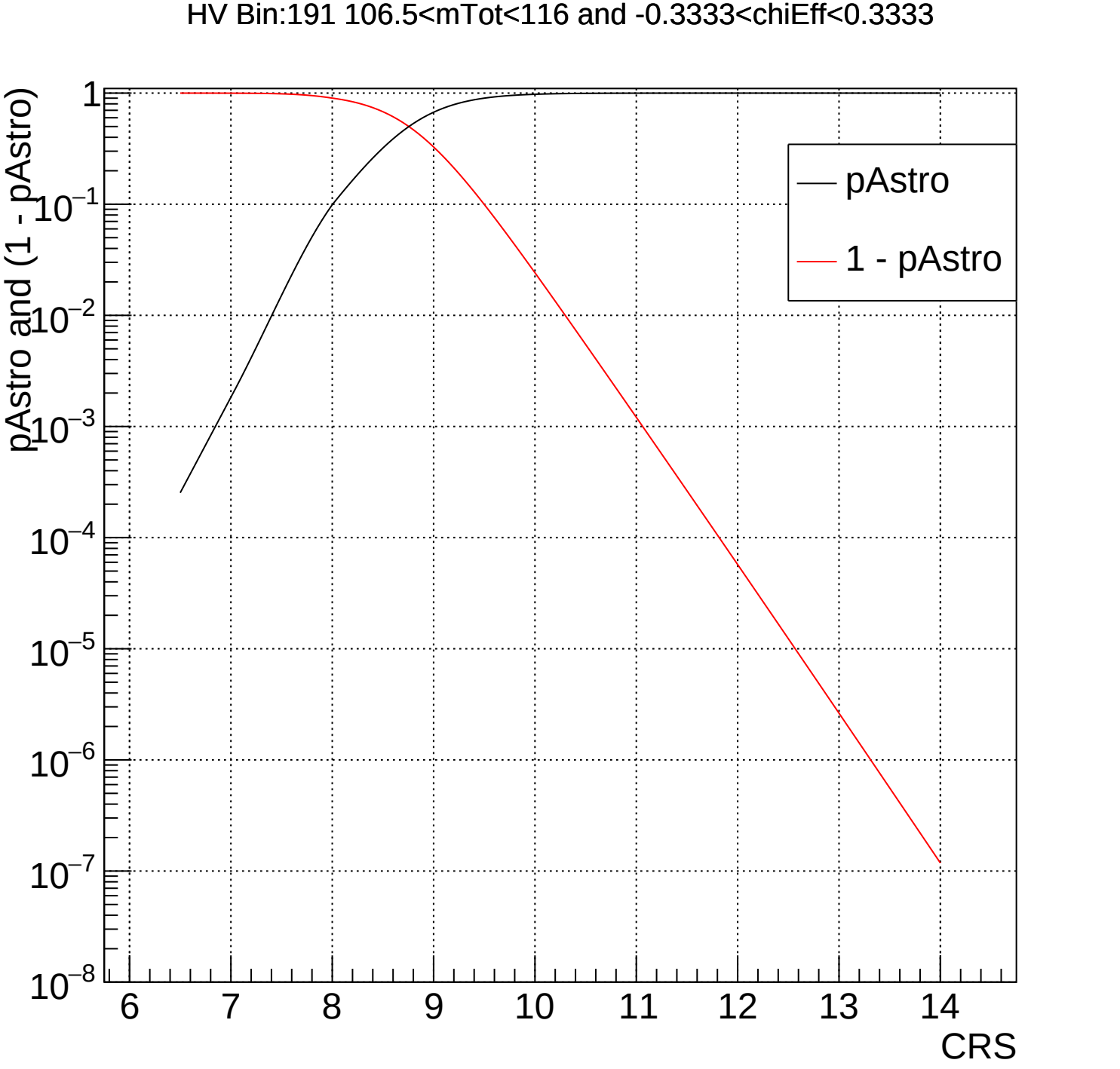
HV Bin:191 106.5<mTot<116 and -0.3333<chiEff<0.3333
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pAstro
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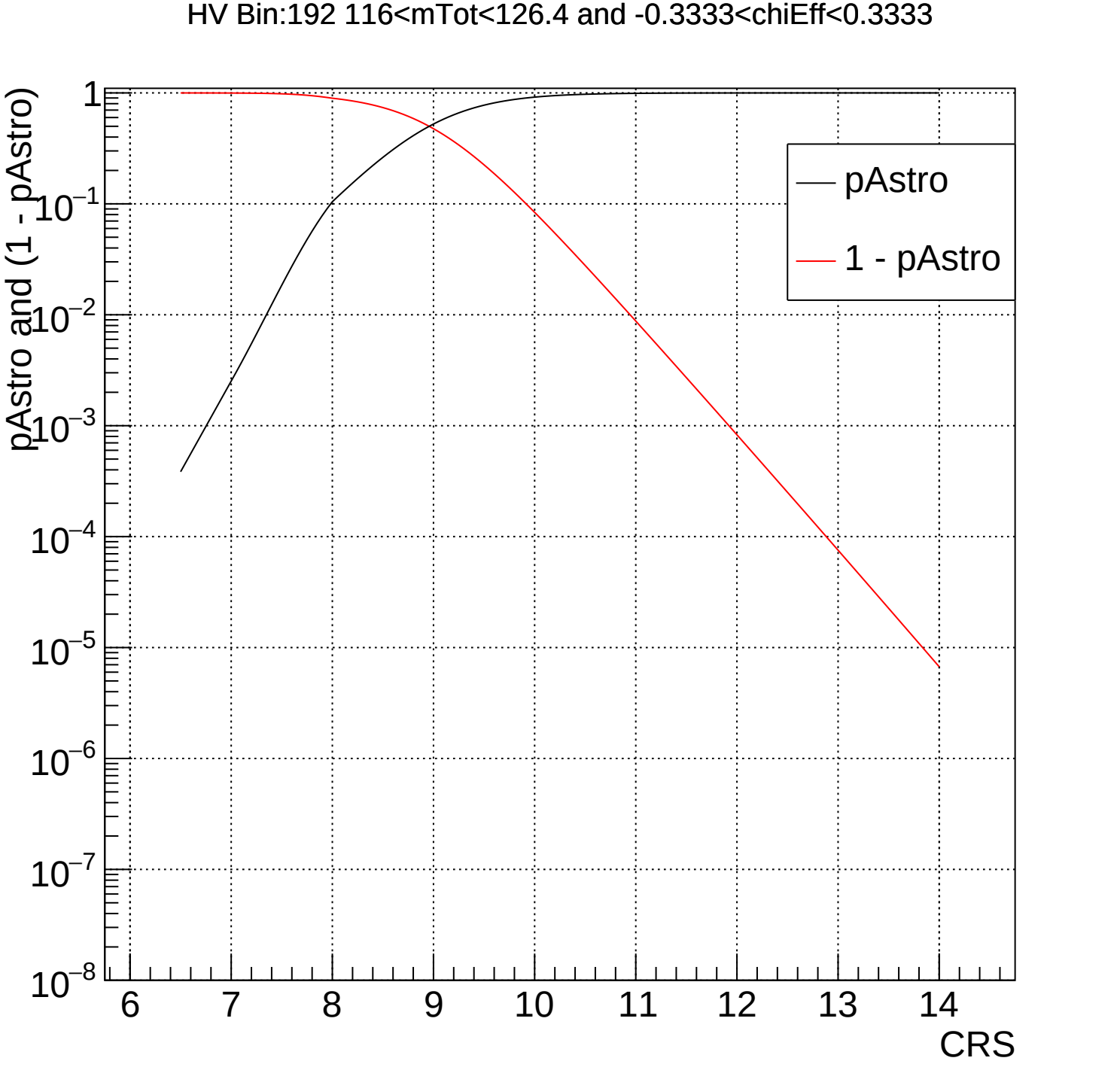
HV Bin:192 116<mTot<126.4 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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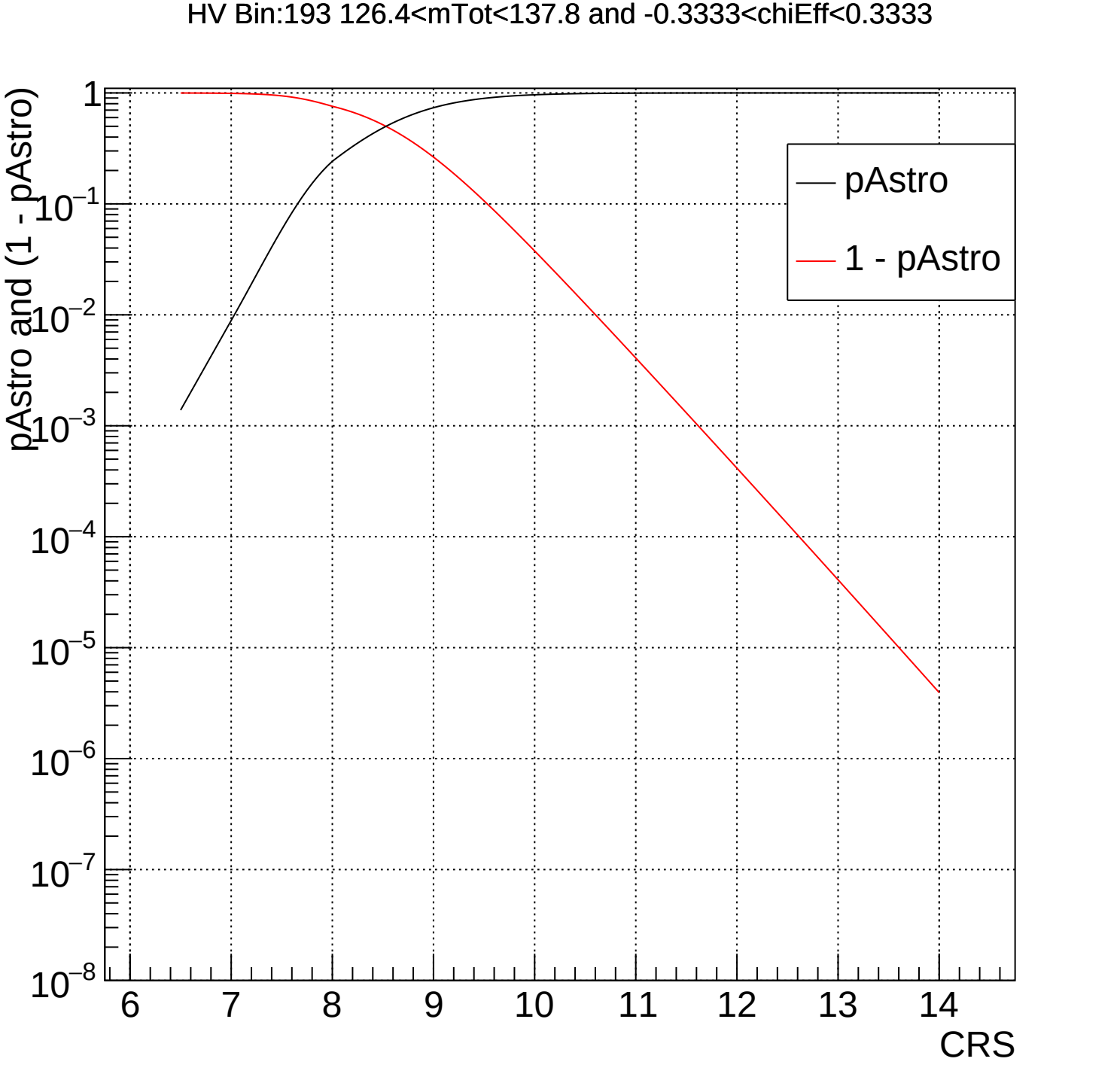
HV Bin:193 126.4<mTot<137.8 and -0.3333<chiEff<0.3333
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pAstro
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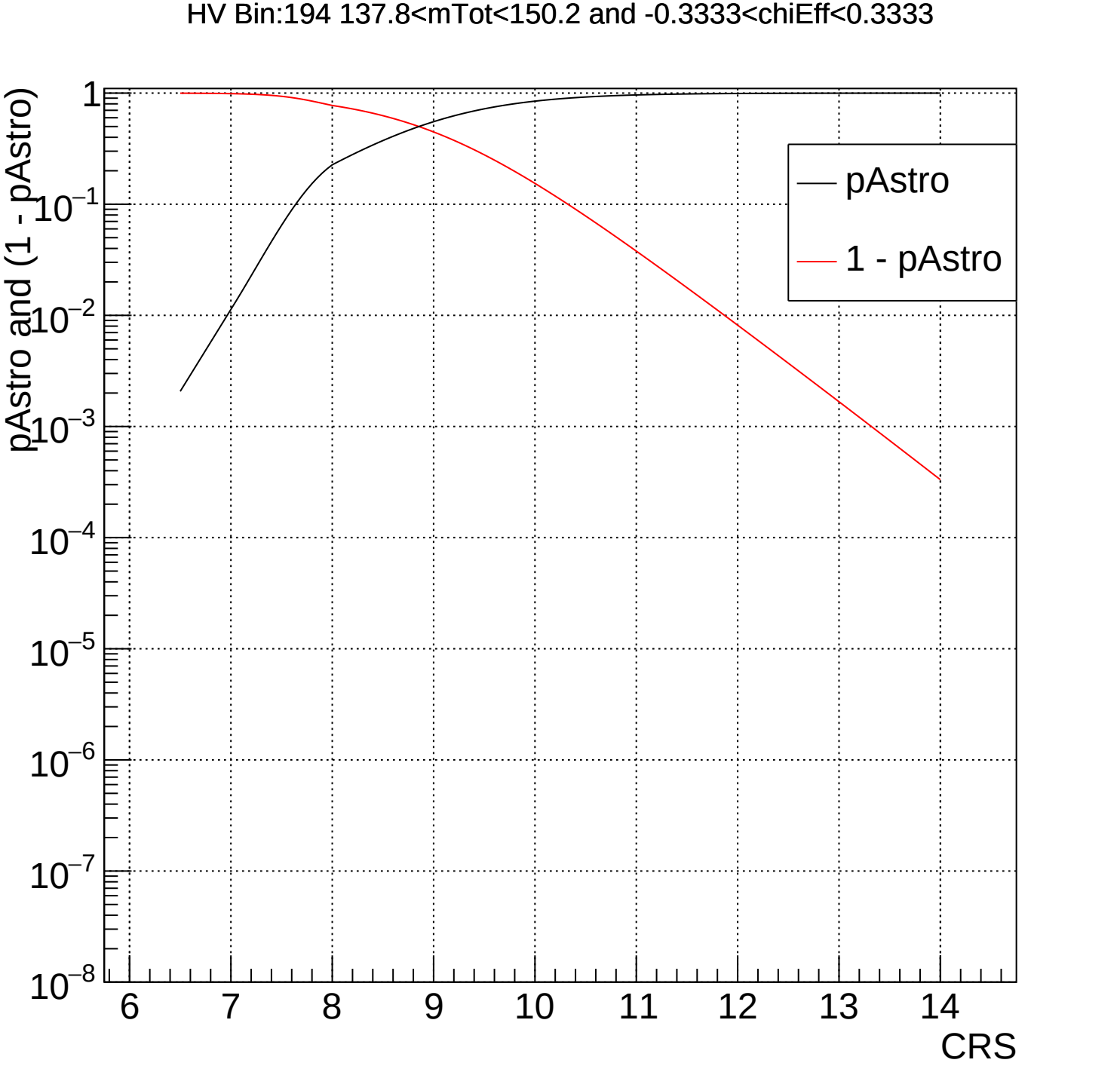
HV Bin:194 137.8<mTot<150.2 and -0.3333<chiEff<0.3333
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pAstro
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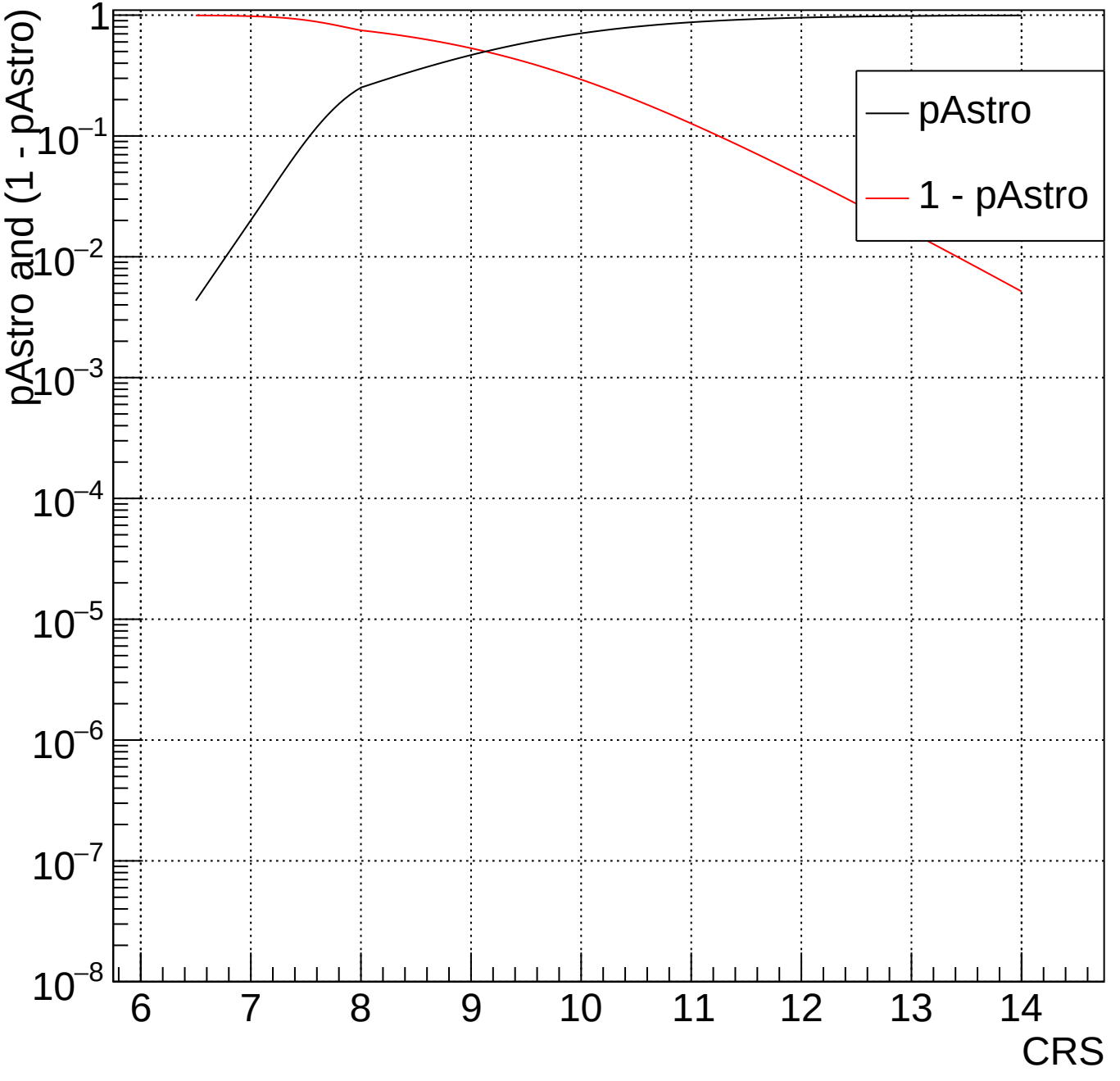
HV Bin:195 150.2<mTot<163.6 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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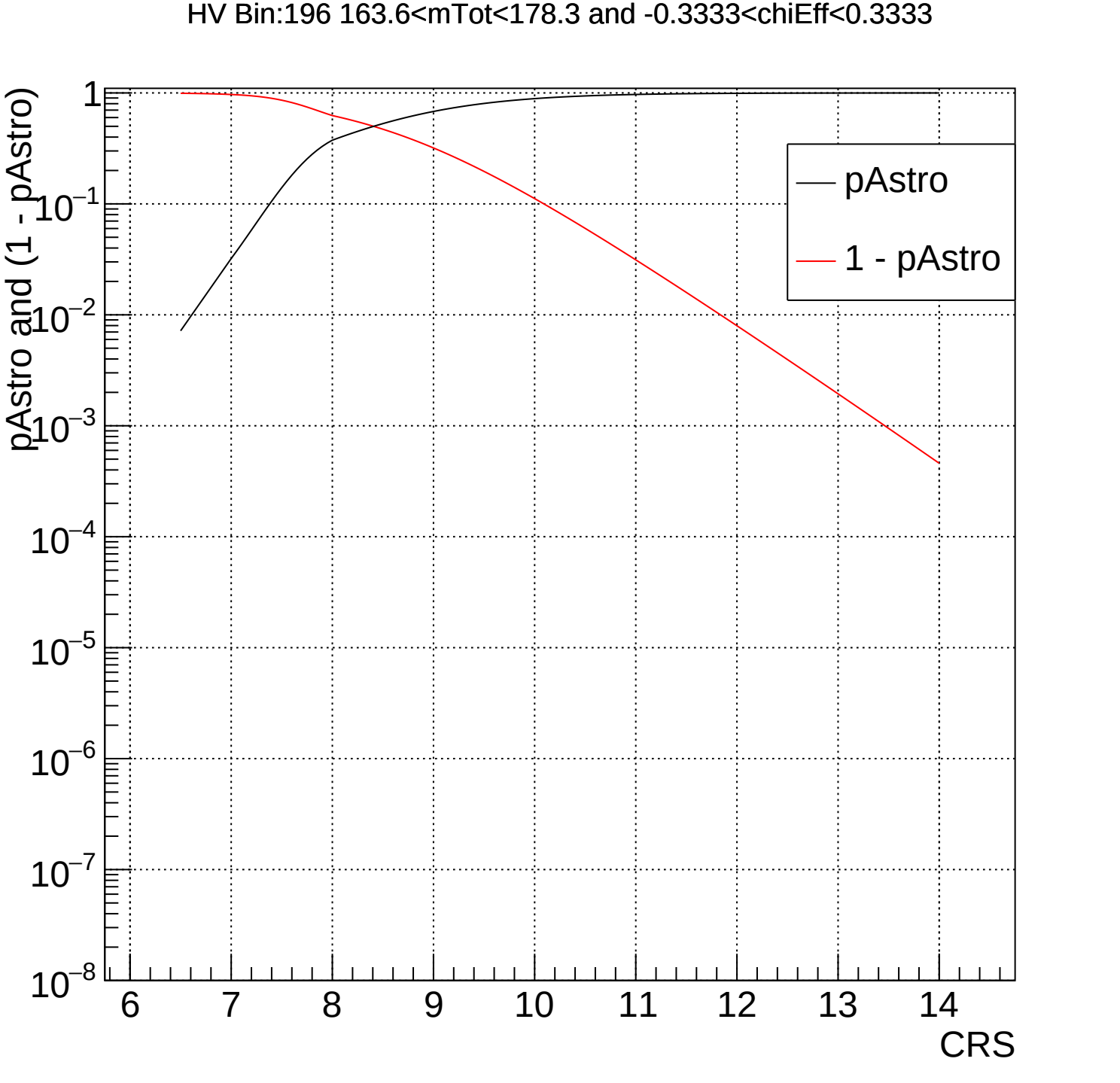
HV Bin:196 163.6<mTot<178.3 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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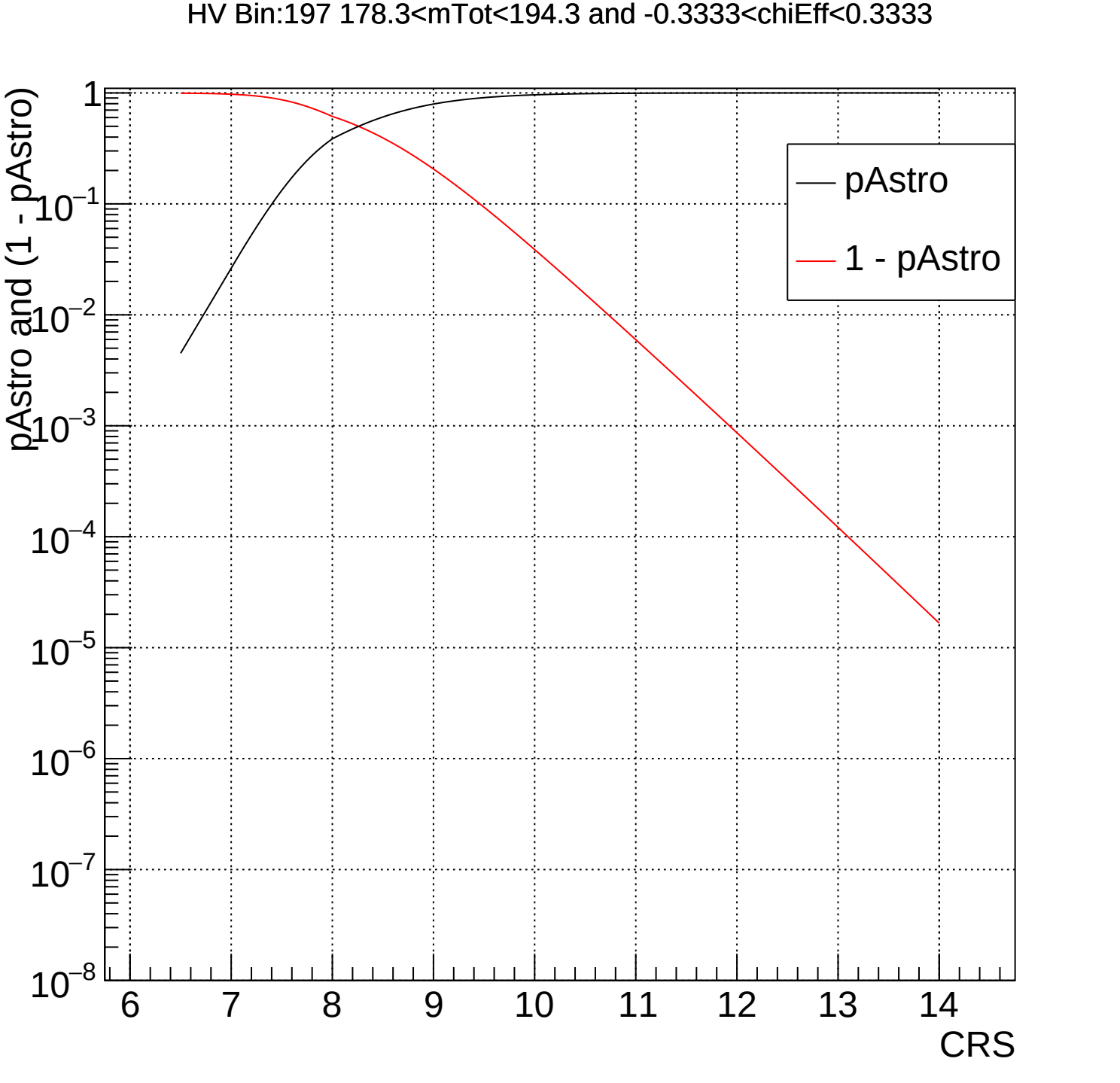
HV Bin:197 178.3<mTot<194.3 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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pAstro
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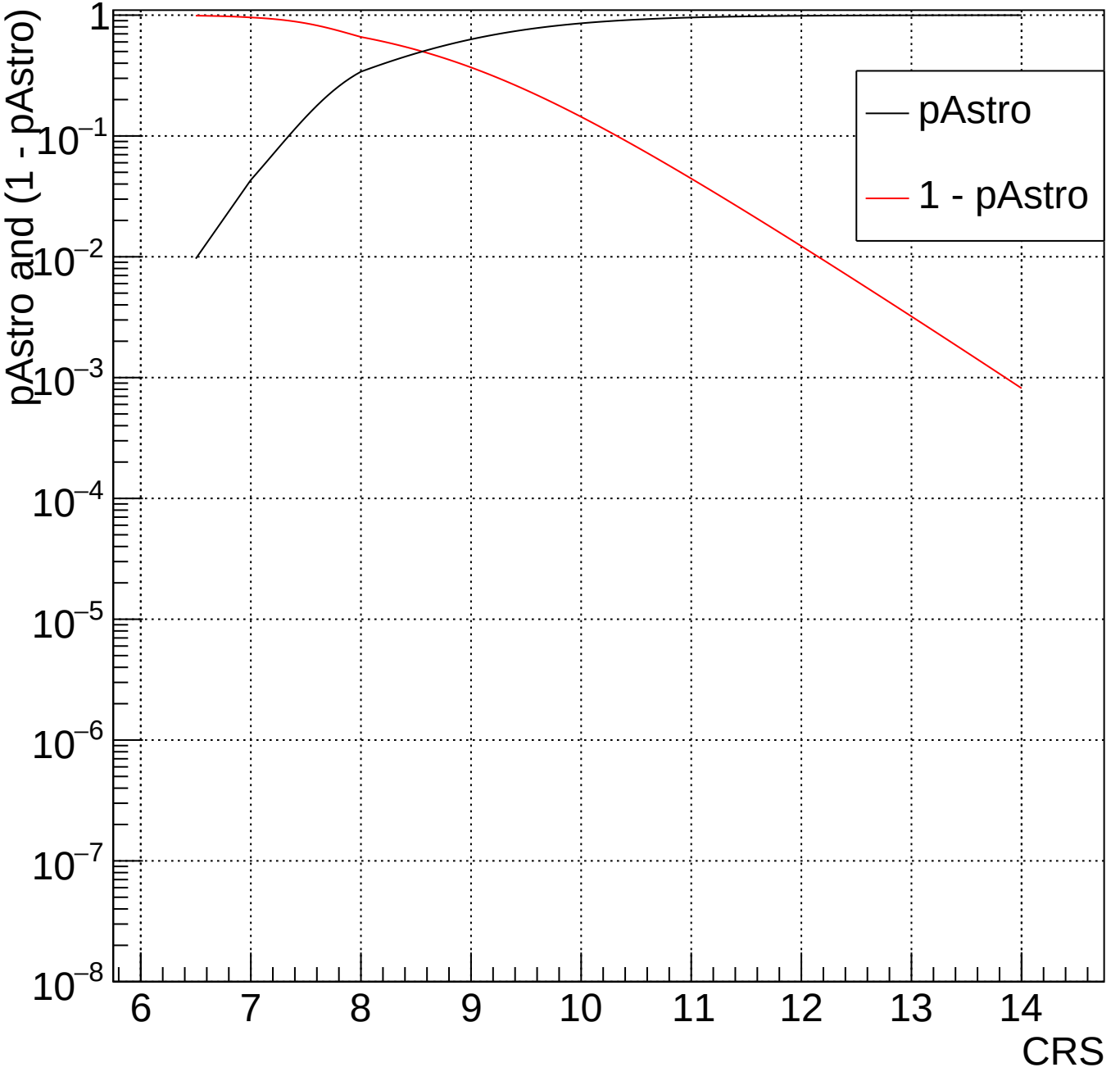
HV Bin:198 194.3<mTot<211.7 and -0.3333<chiEff<0.3333
pAstro and (1 - pAstro)
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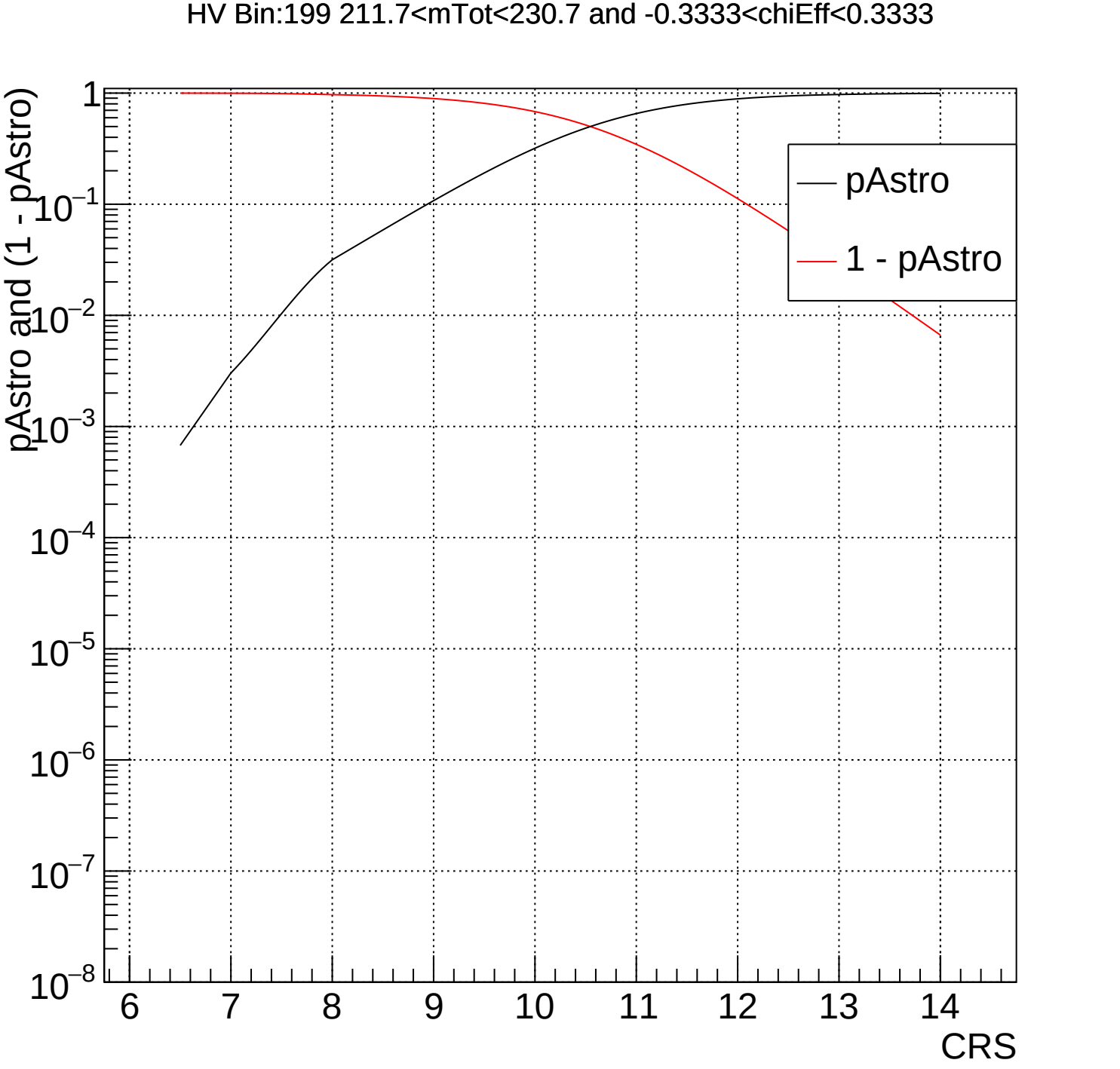
HV Bin:199 211.7<mTot<230.7 and -0.3333<chiEff<0.3333
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pAstro
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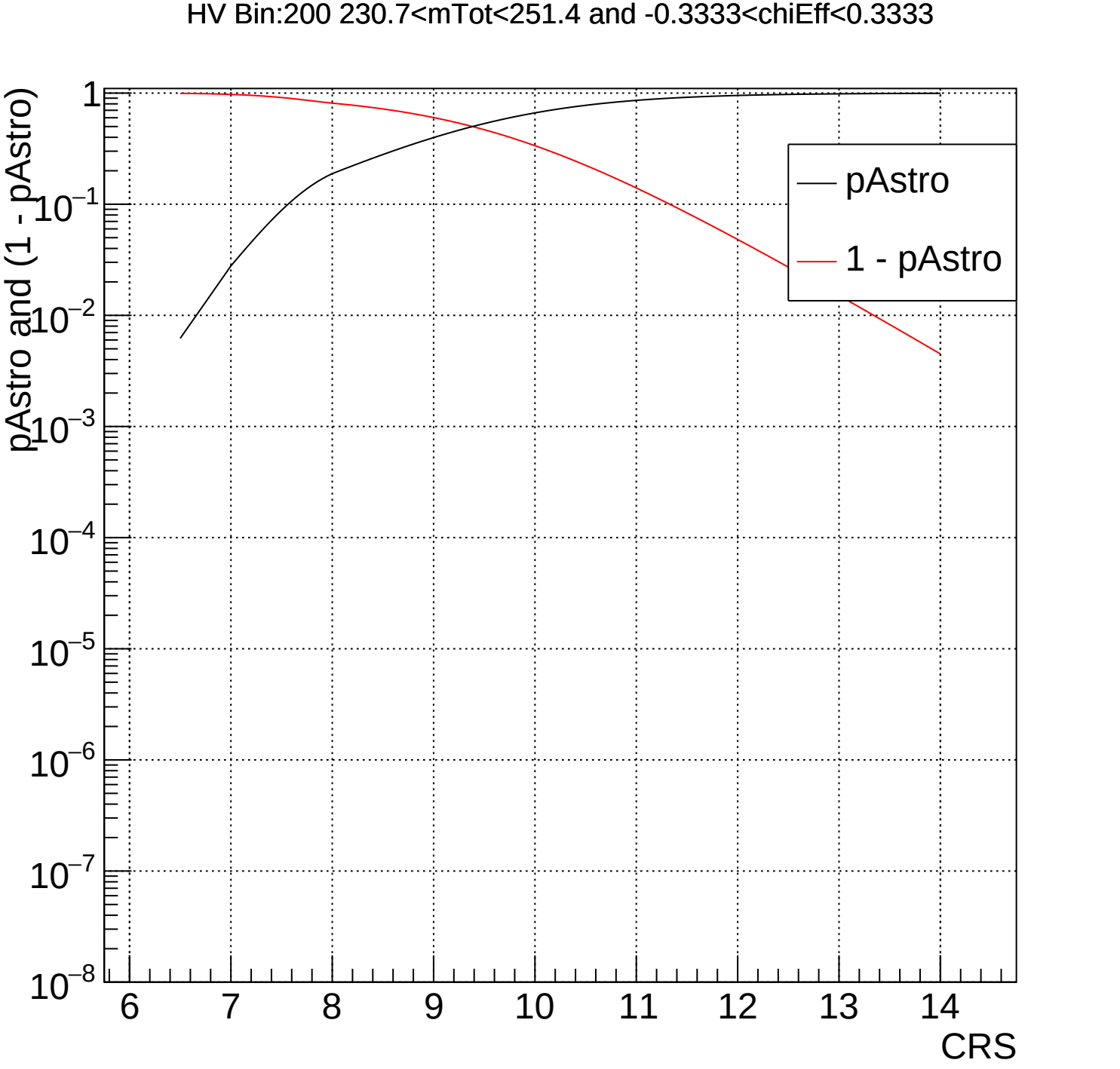
HV Bin:200 230.7<mTot<251.4 and -0.3333<chiEff<0.3333
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pAstro
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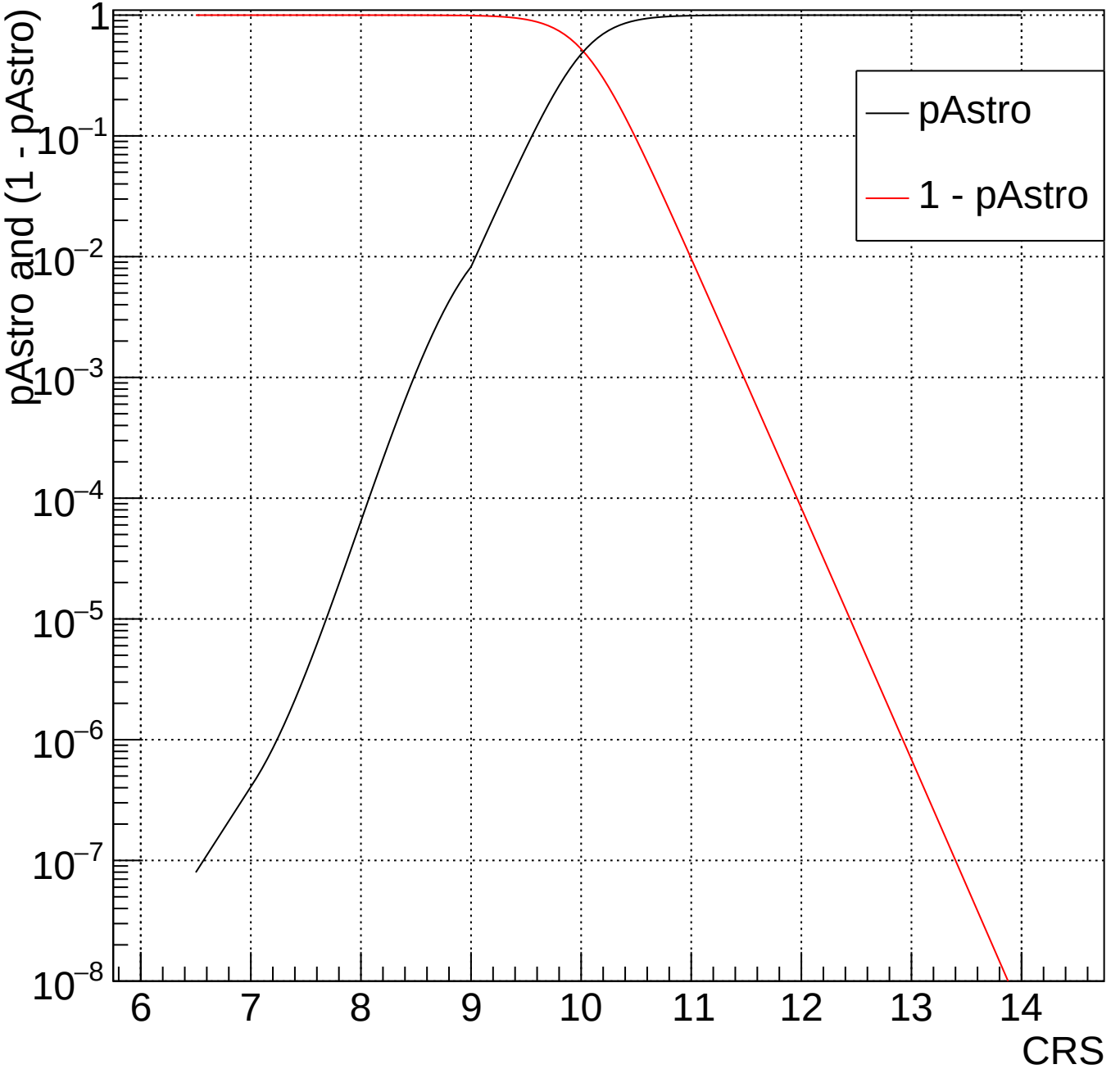
HV Bin:209 16.08<mTot<17.52 and 0.3333<chiEff<1
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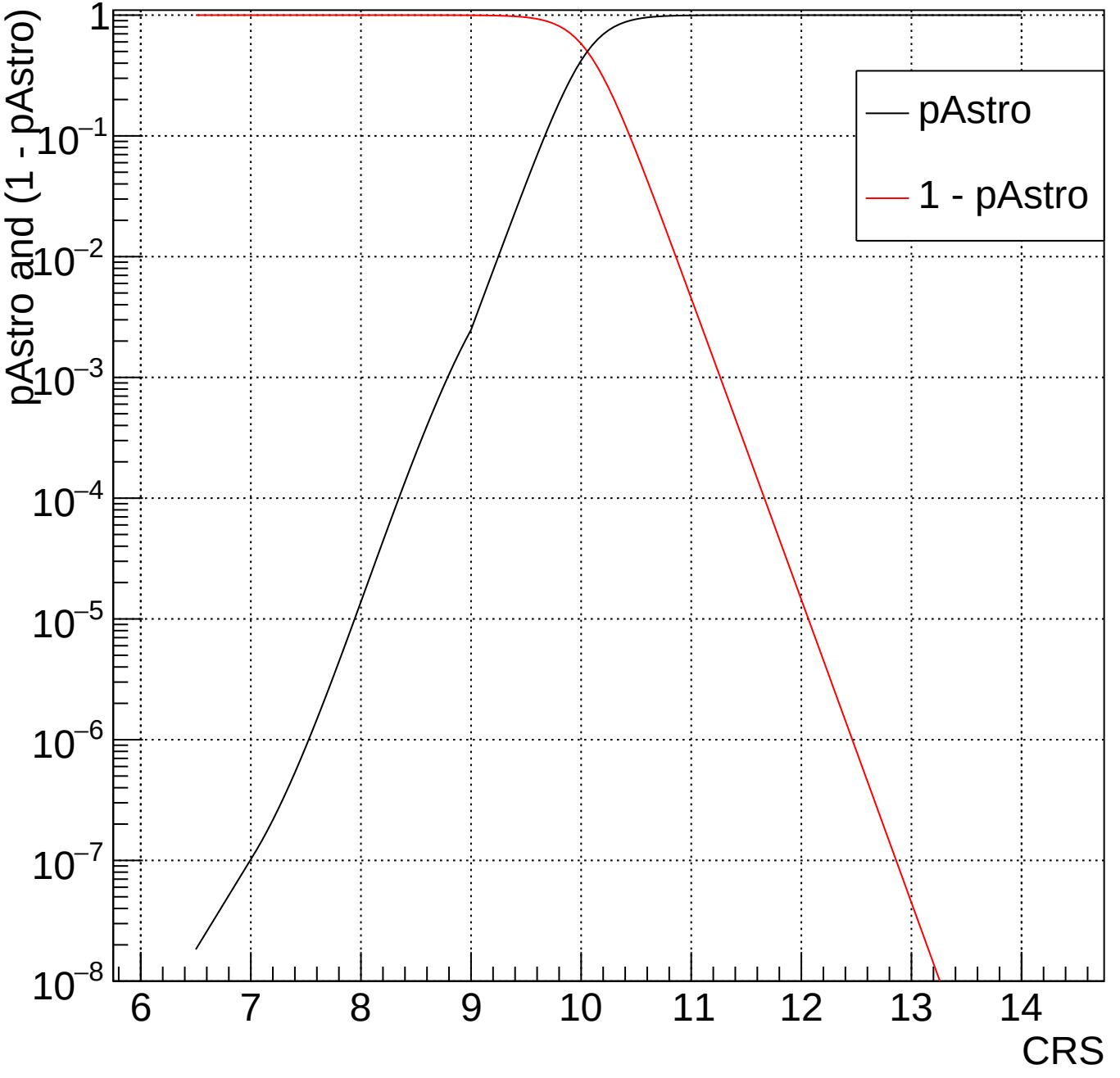
HV Bin:210 17.52<mTot<19.1 and 0.3333<chiEff<1
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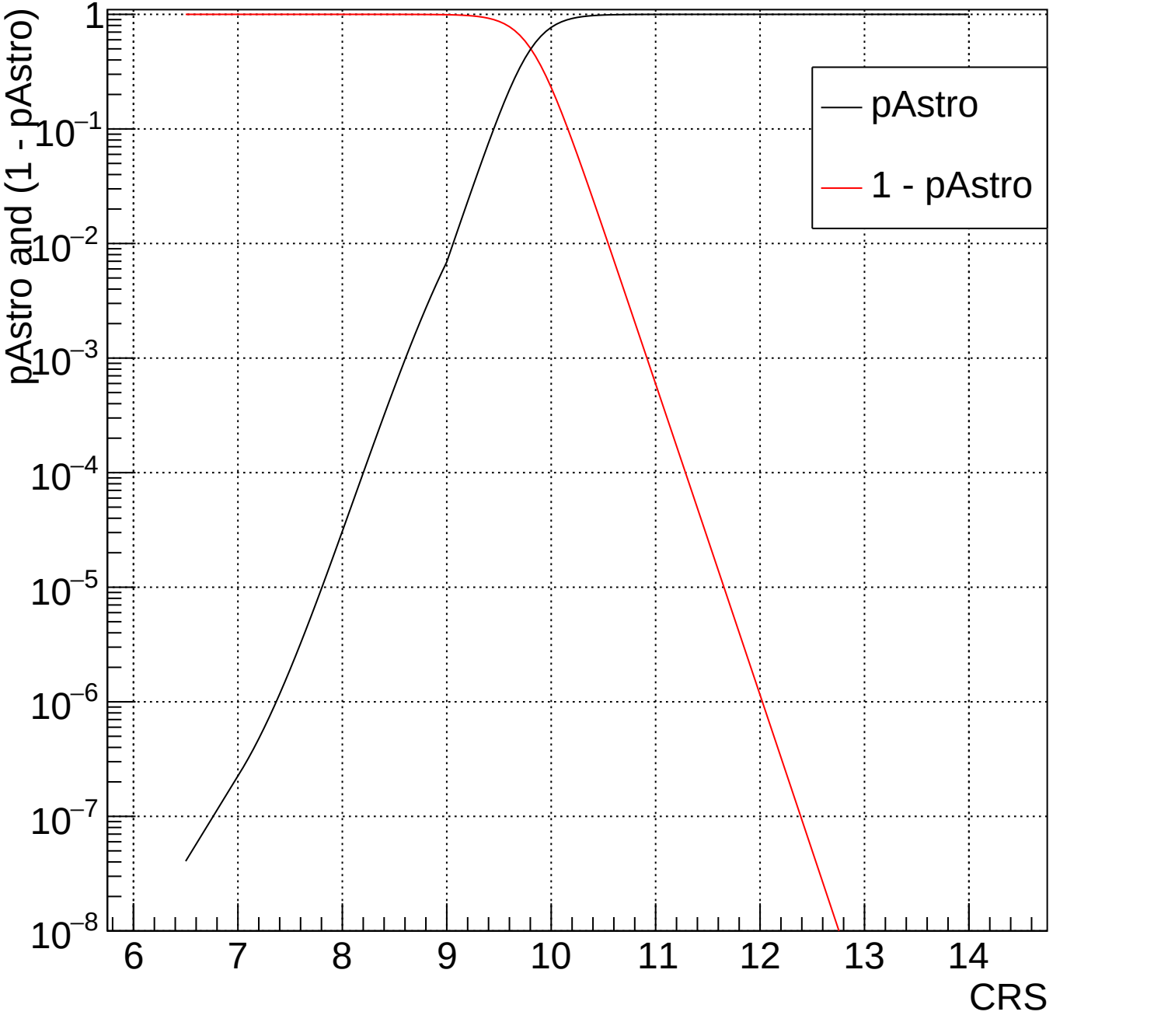
HV Bin:211 19.1<mTot<20.81 and 0.3333<chiEff<1
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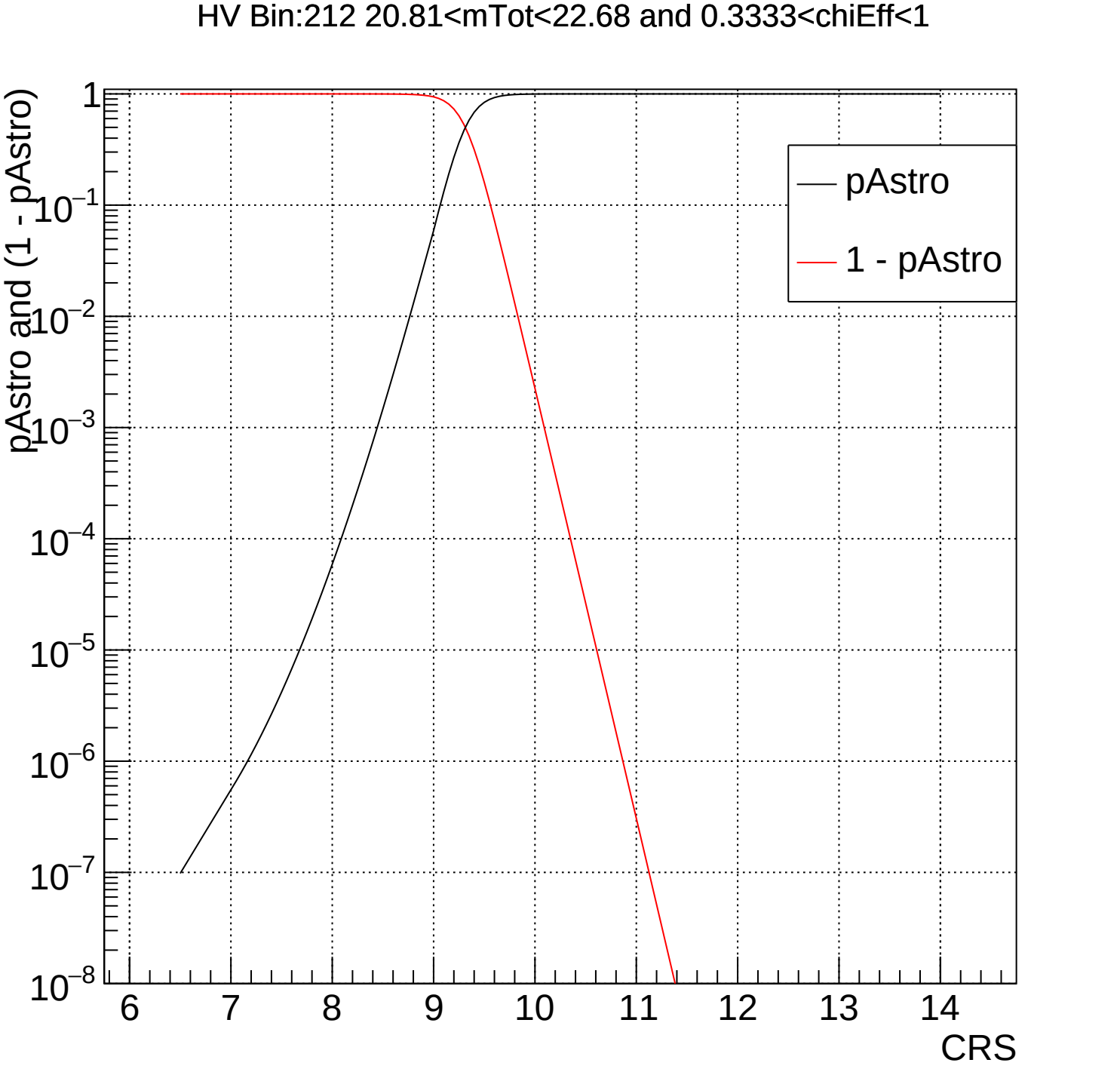
HV Bin:212 20.81<mTot<22.68 and 0.3333<chiEff<1
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pAstro
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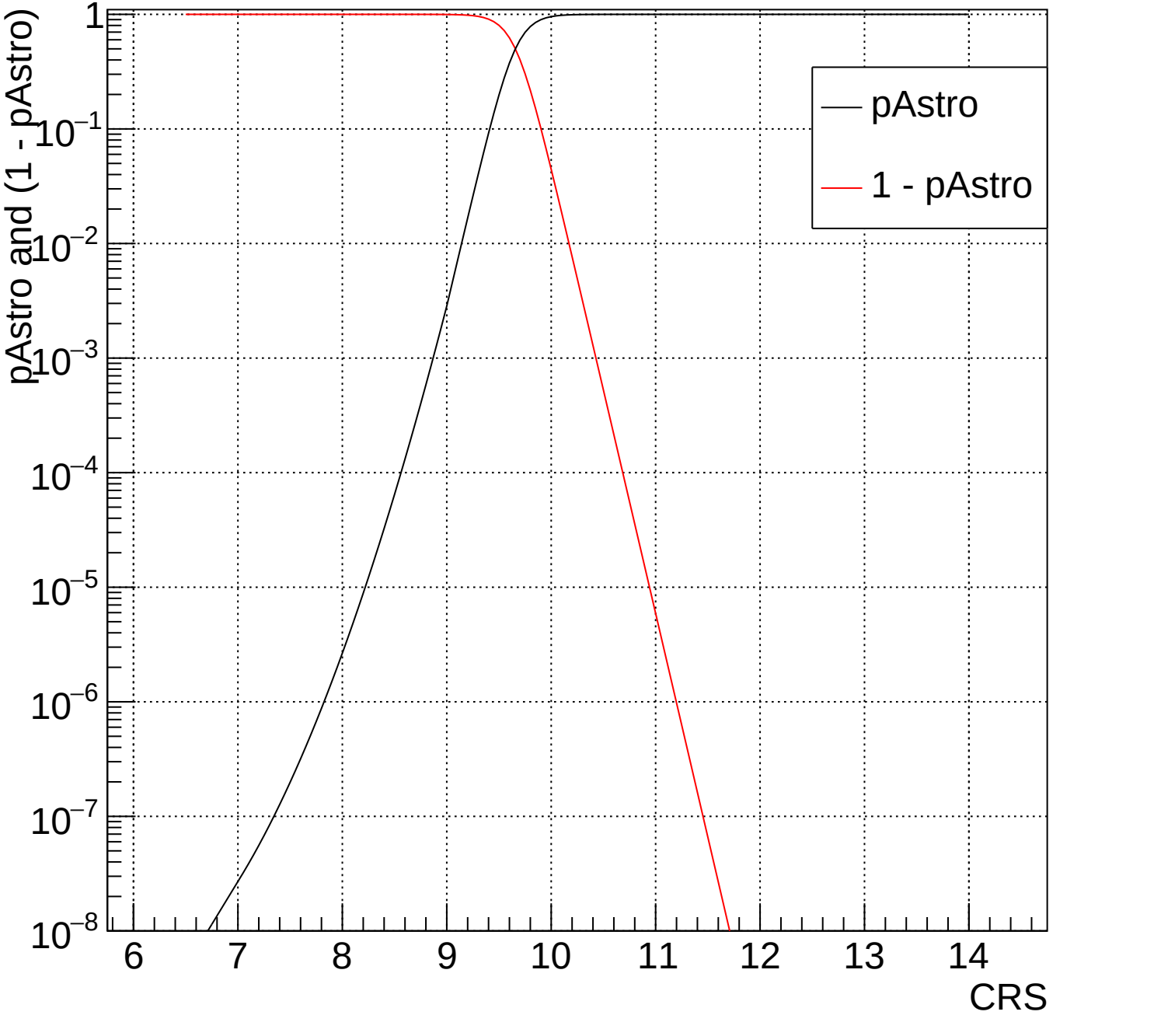
HV Bin:213 22.68<mTot<24.71 and 0.3333<chiEff<1
pAstro and (1 - pAstro)
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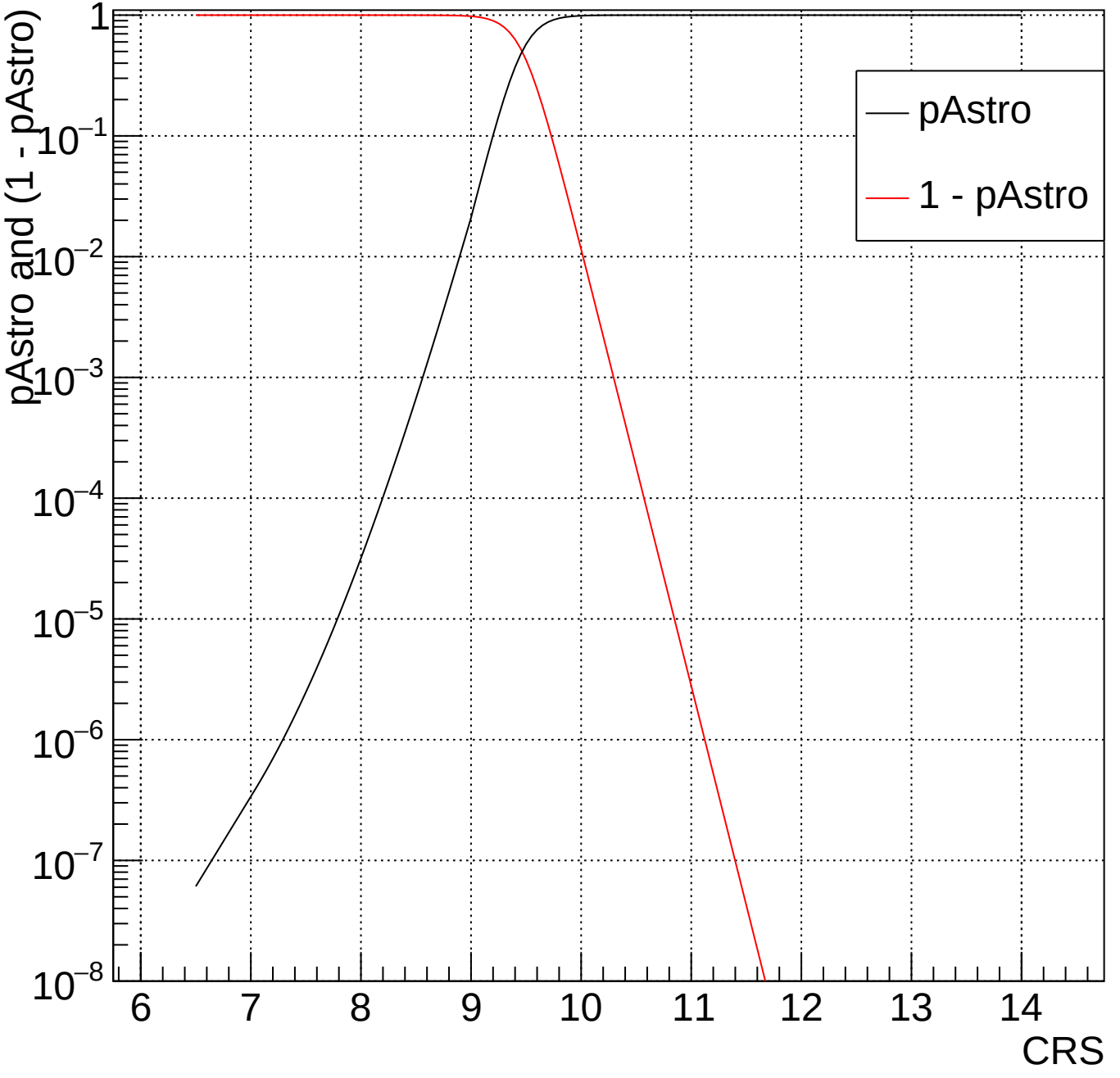
HV Bin:214 24.71<mTot<26.93 and 0.3333<chiEff<1
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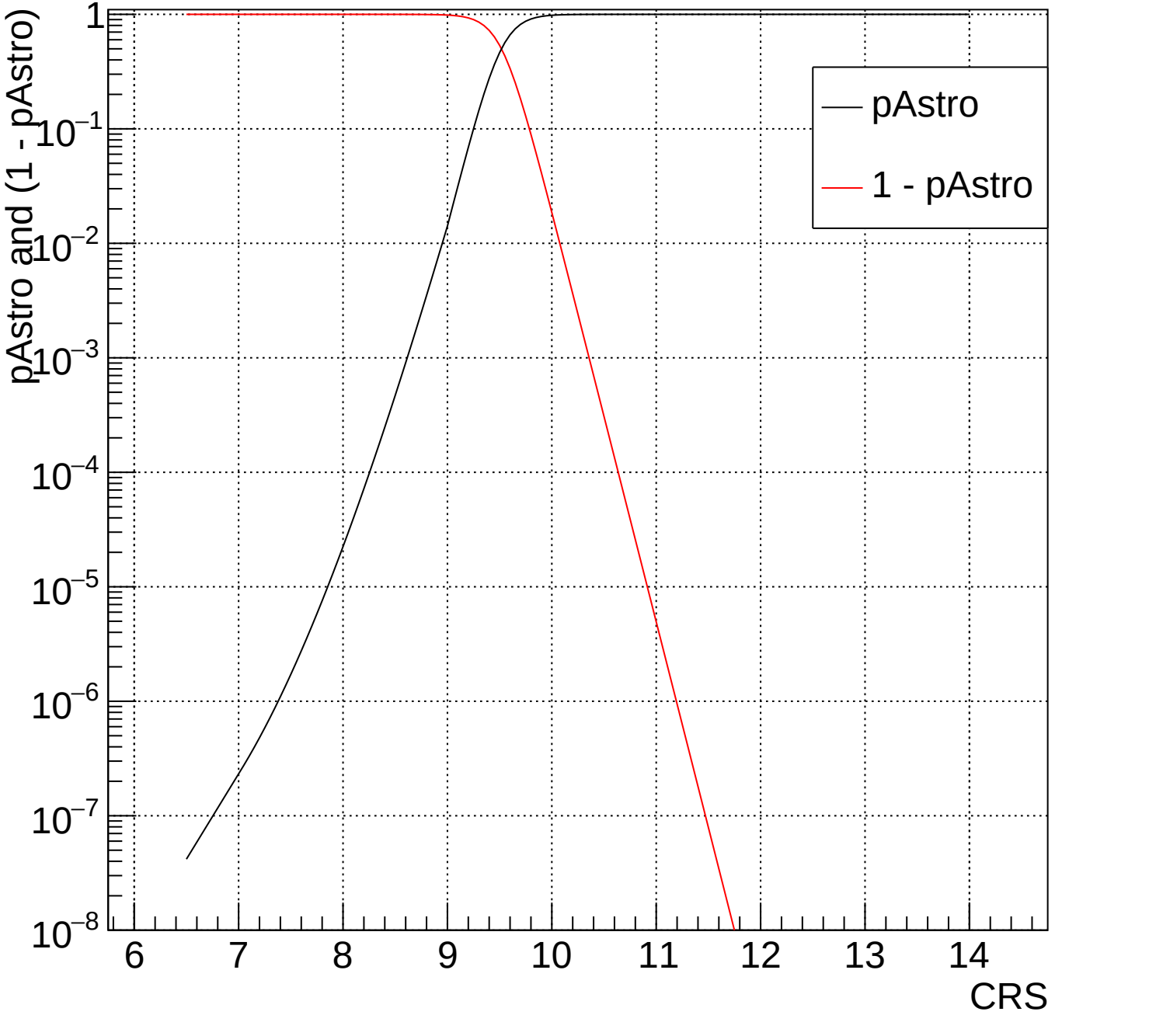
HV Bin:215 26.93<mTot<29.35 and 0.3333<chiEff<1
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pAstro
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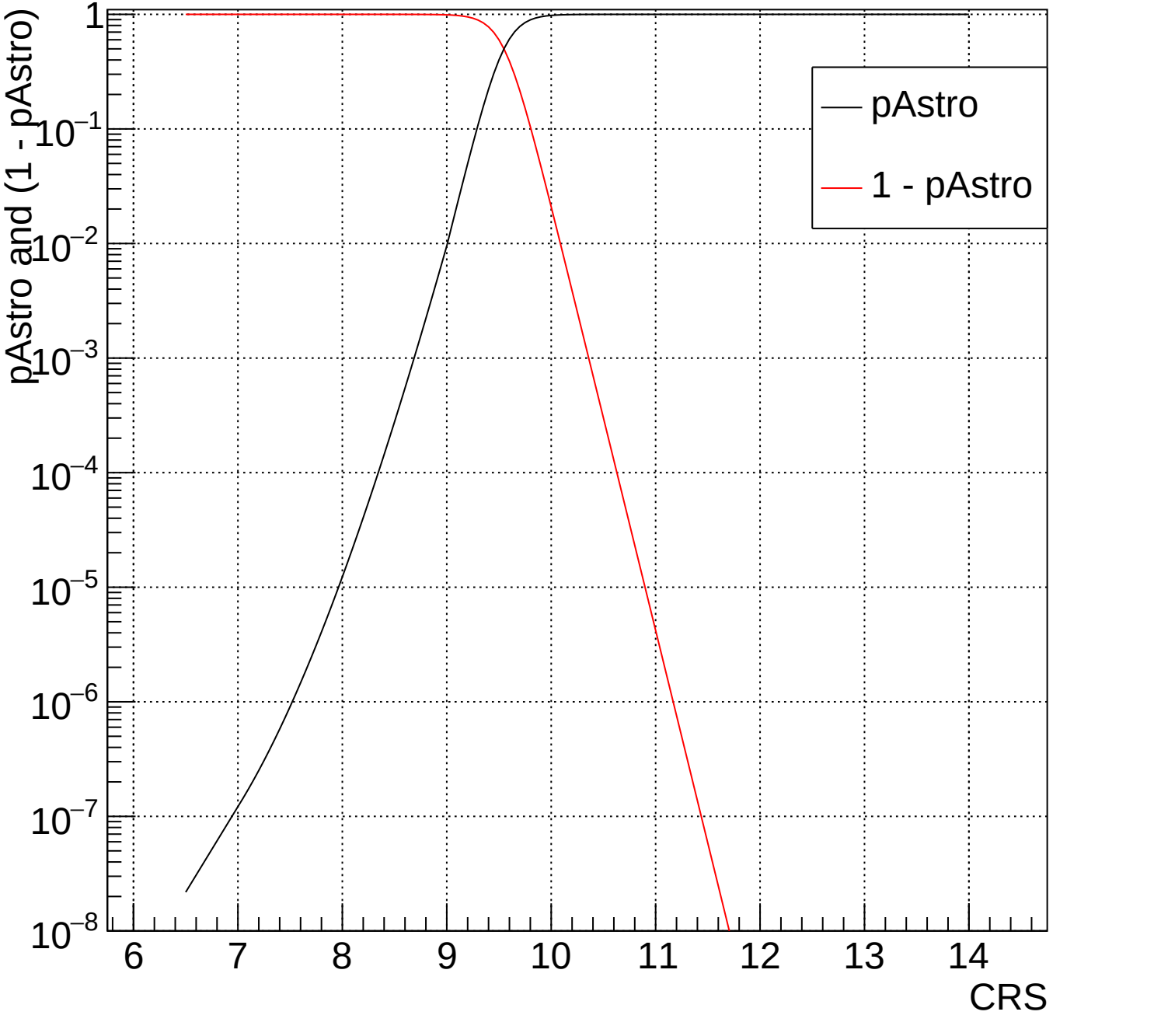
HV Bin:216 29.35<mTot<31.98 and 0.3333<chiEff<1
pAstro and (1 - pAstro)
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pAstro
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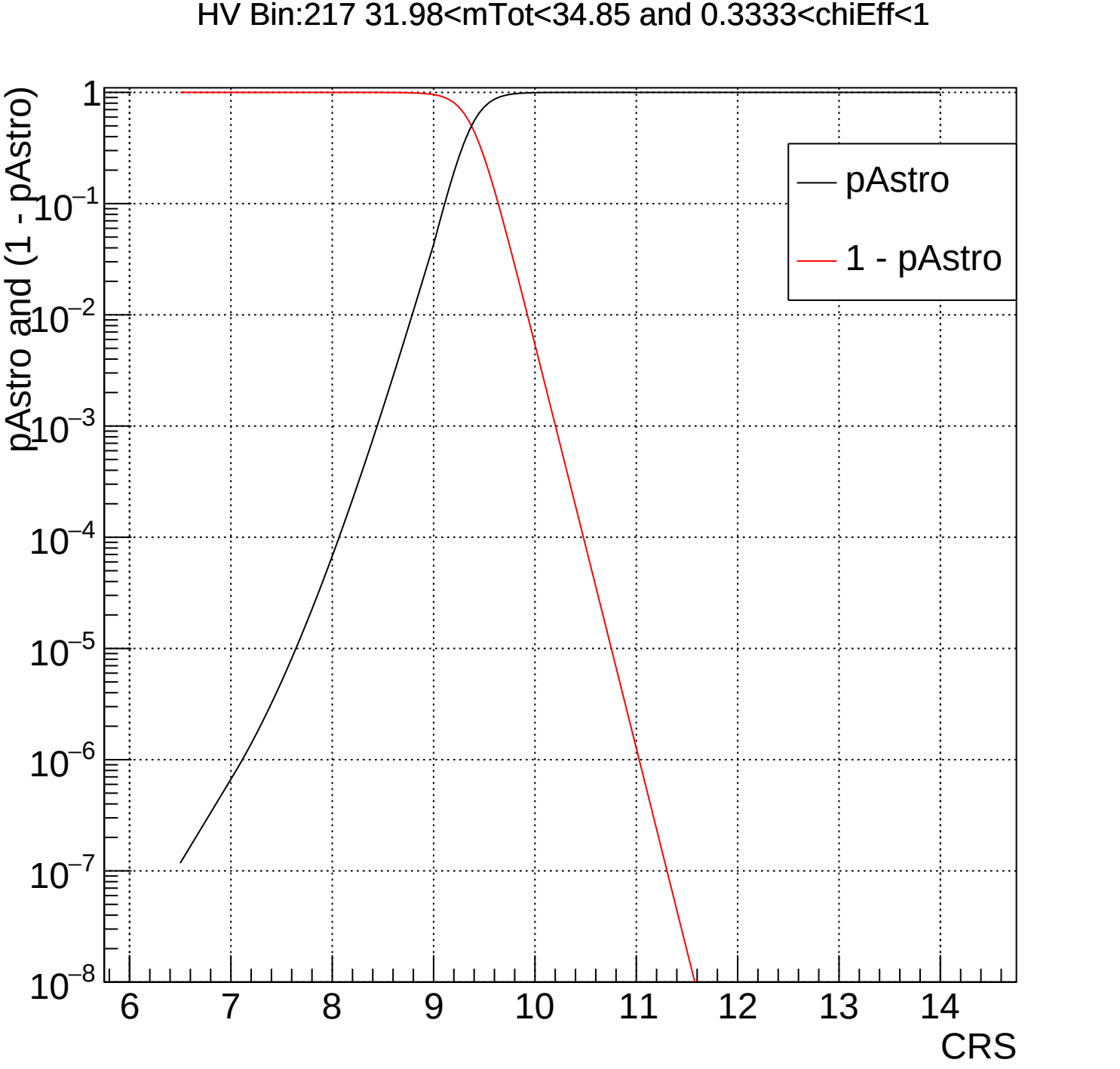
HV Bin:217 31.98<mTot<34.85 and 0.3333<chiEff<1
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pAstro
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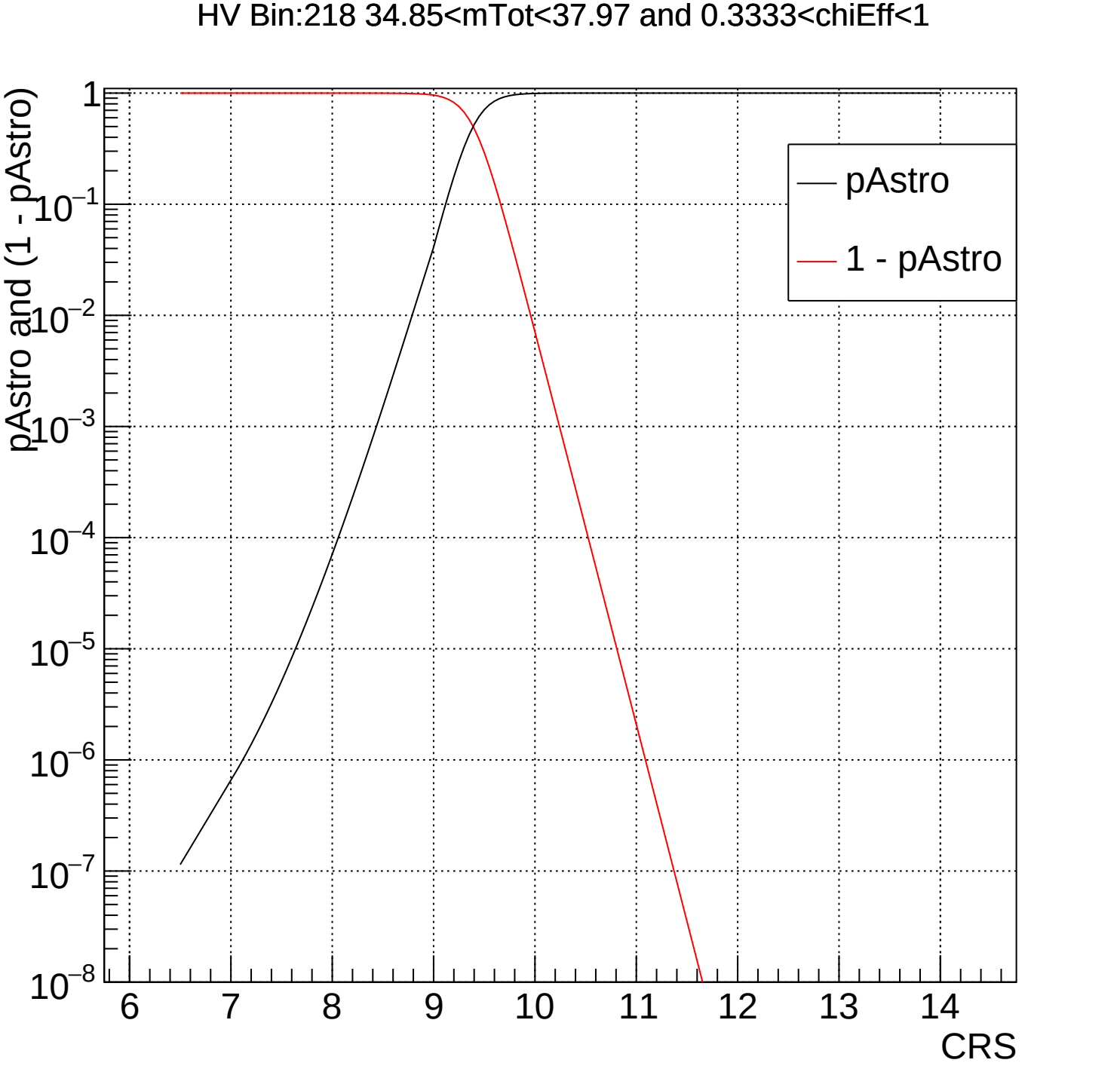
HV Bin:218 34.85<mTot<37.97 and 0.3333<chiEff<1
pAstro and (1 - pAstro)
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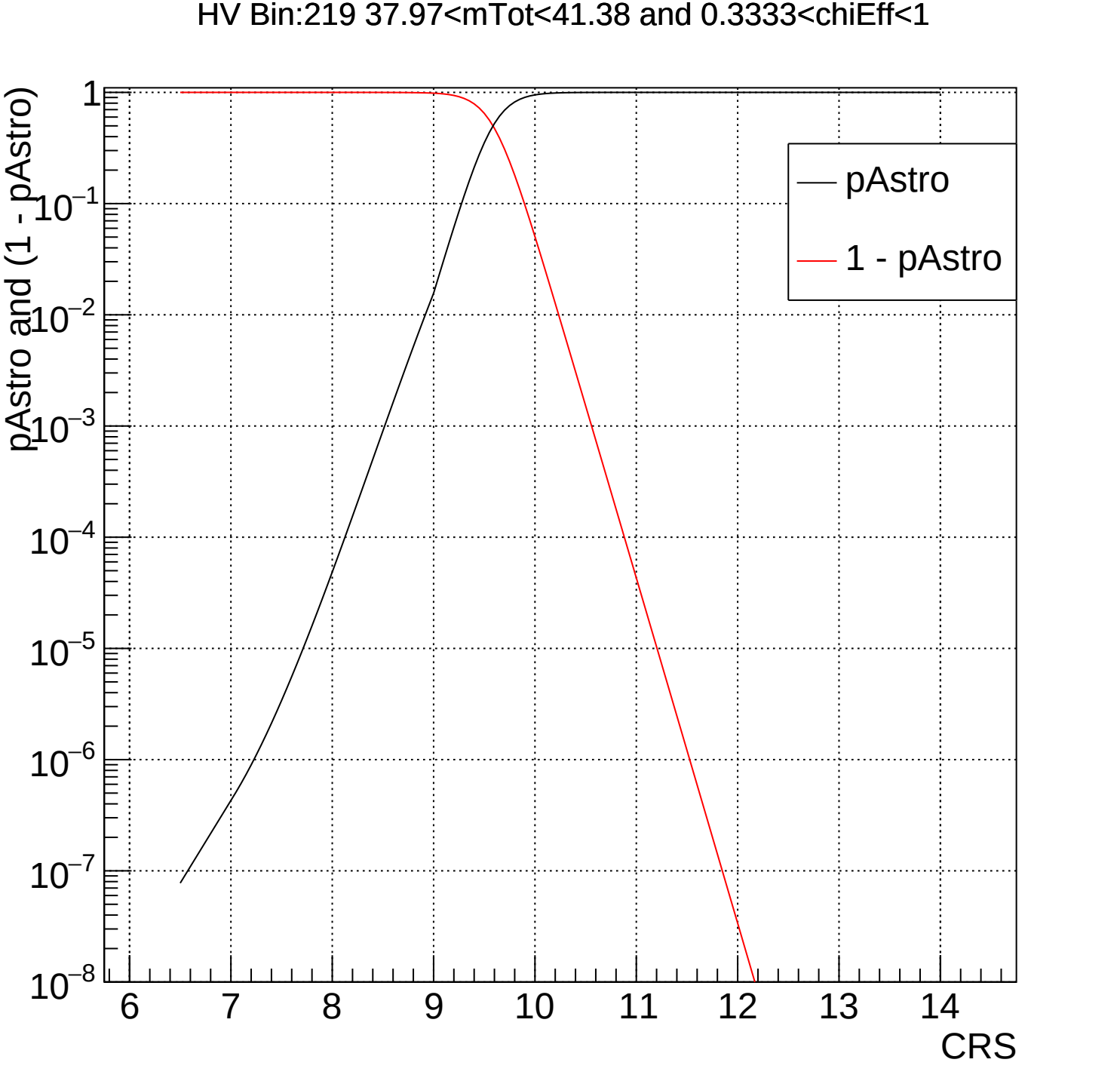
HV Bin:219 37.97<mTot<41.38 and 0.3333<chiEff<1
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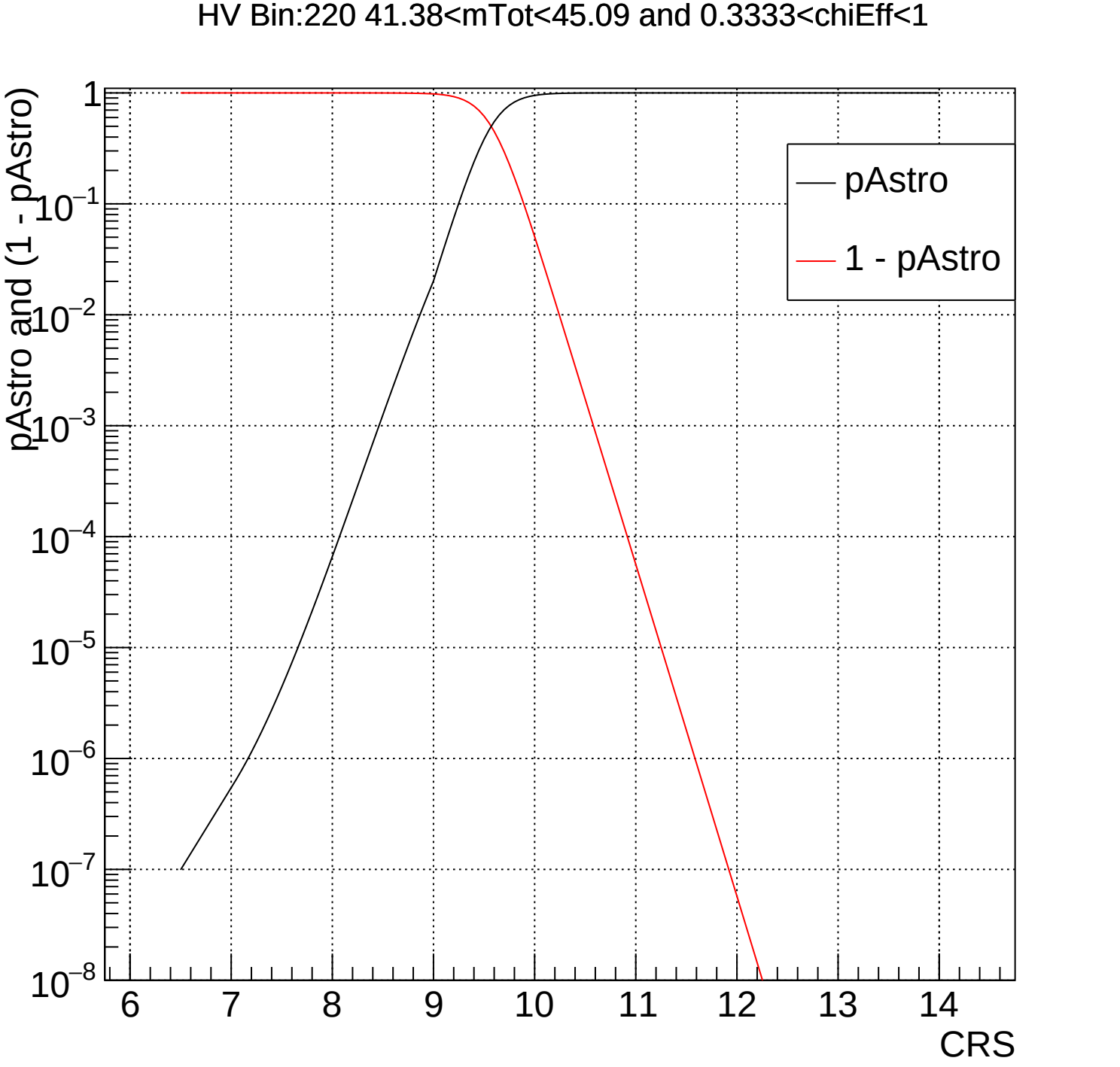
pAstro
1 - pAstro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CRS
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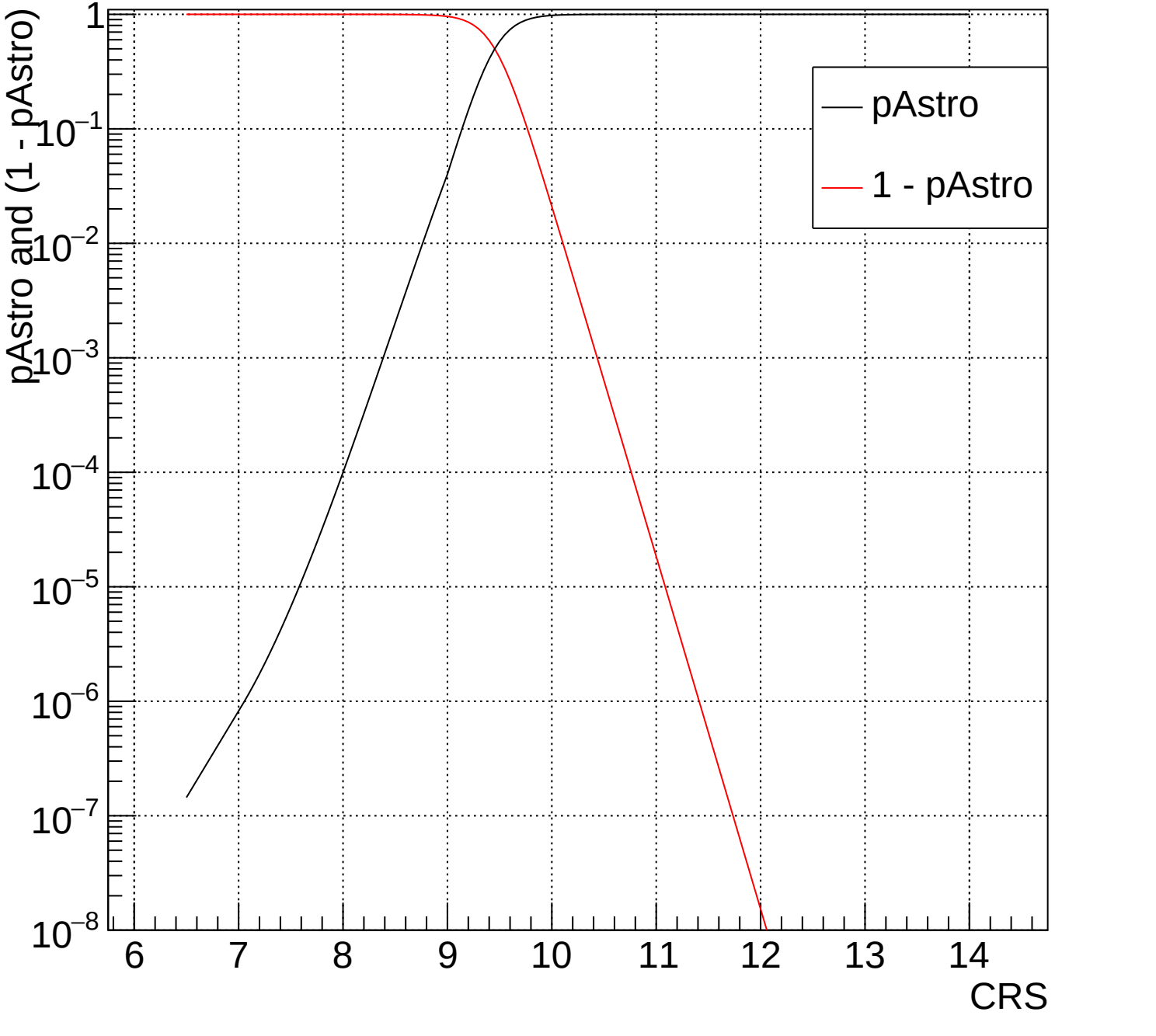
1 - pAstro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CRS
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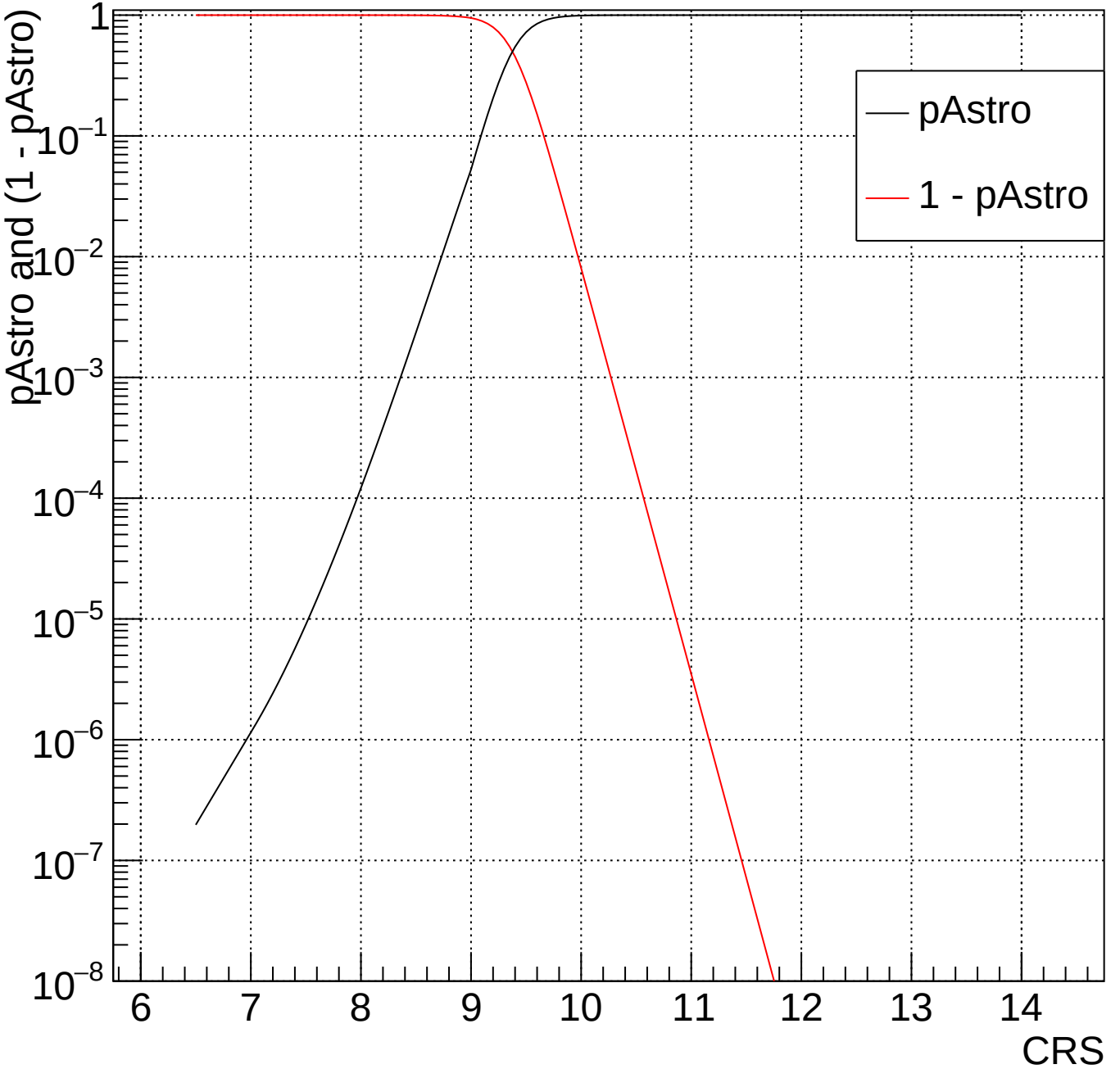
1 - pAstro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CRS
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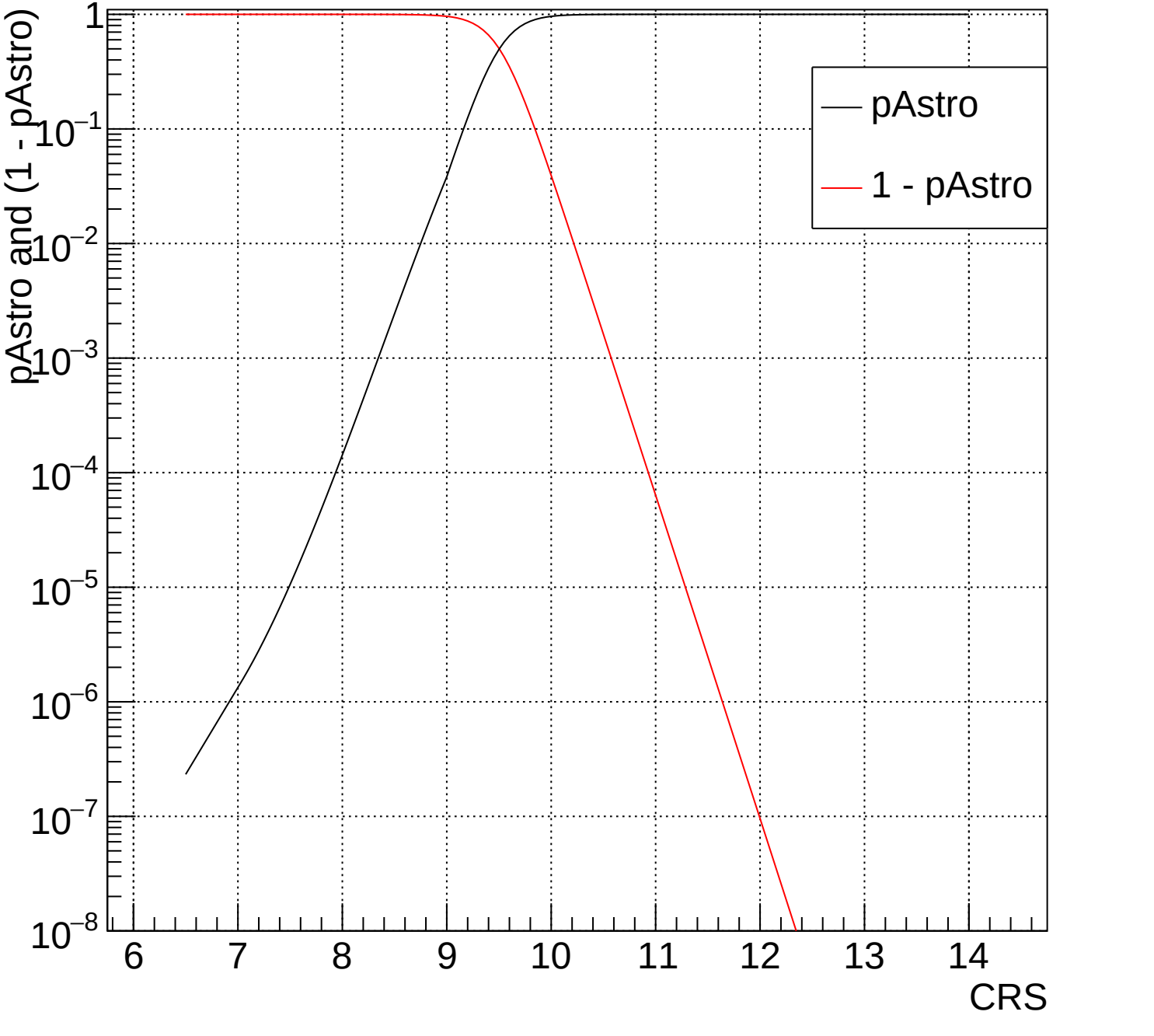
1 - pAstro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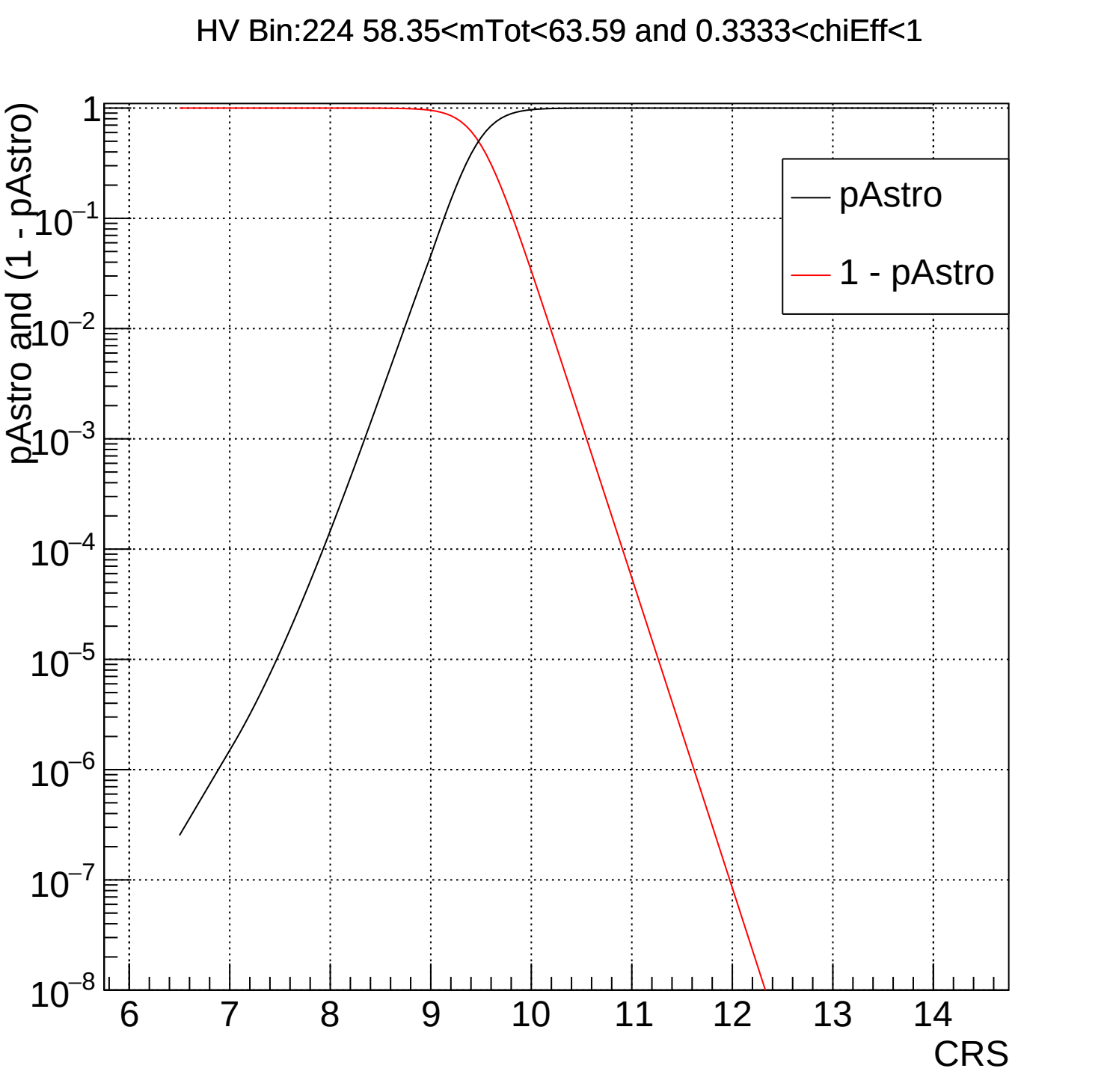
1 - pAstro


HV Bin:224 58.35<mTot<63.59 and 0.3333<chiEff<1
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CRS
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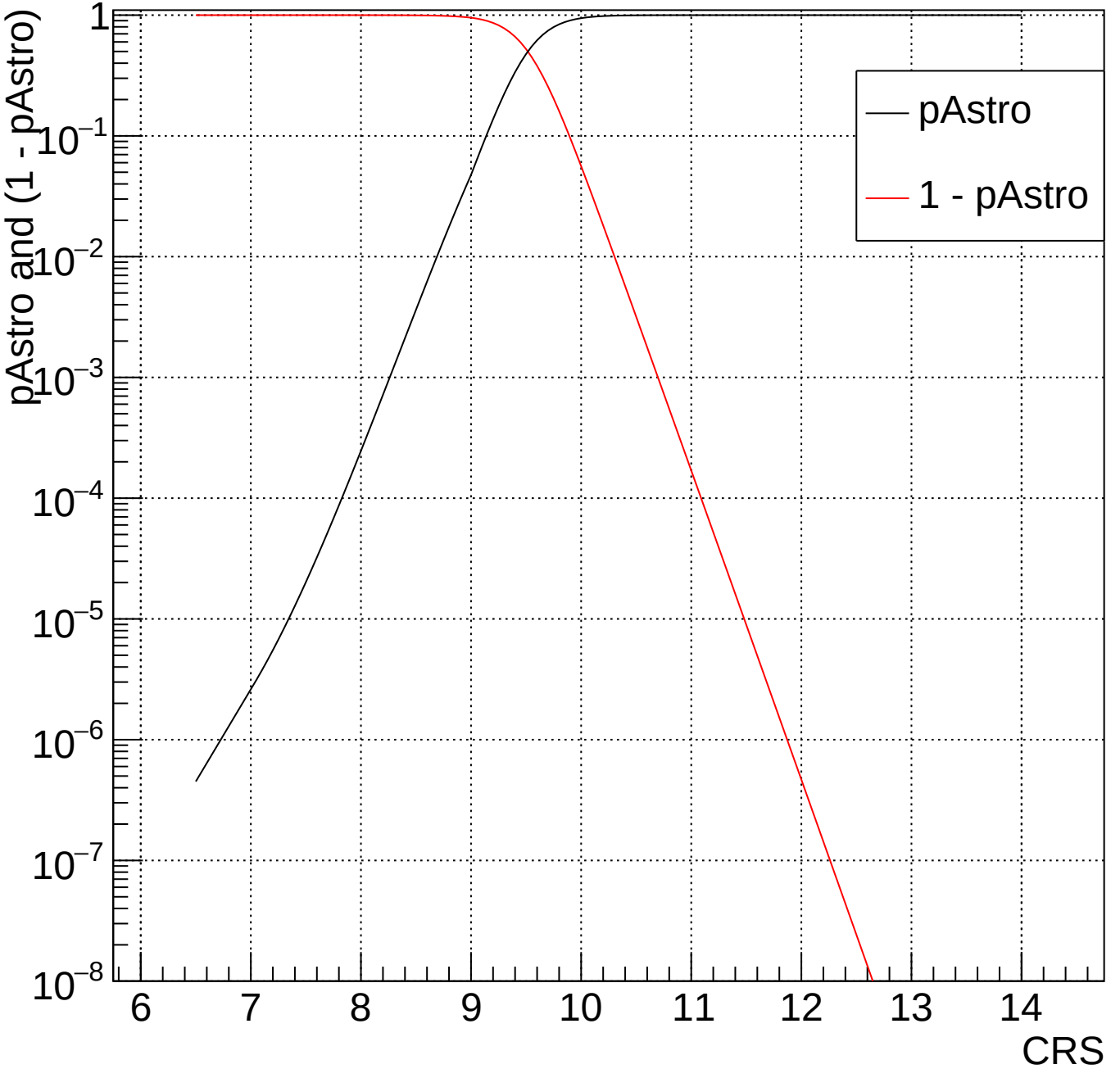
HV Bin:225 63.59<mTot<69.3 and 0.3333<chiEff<1
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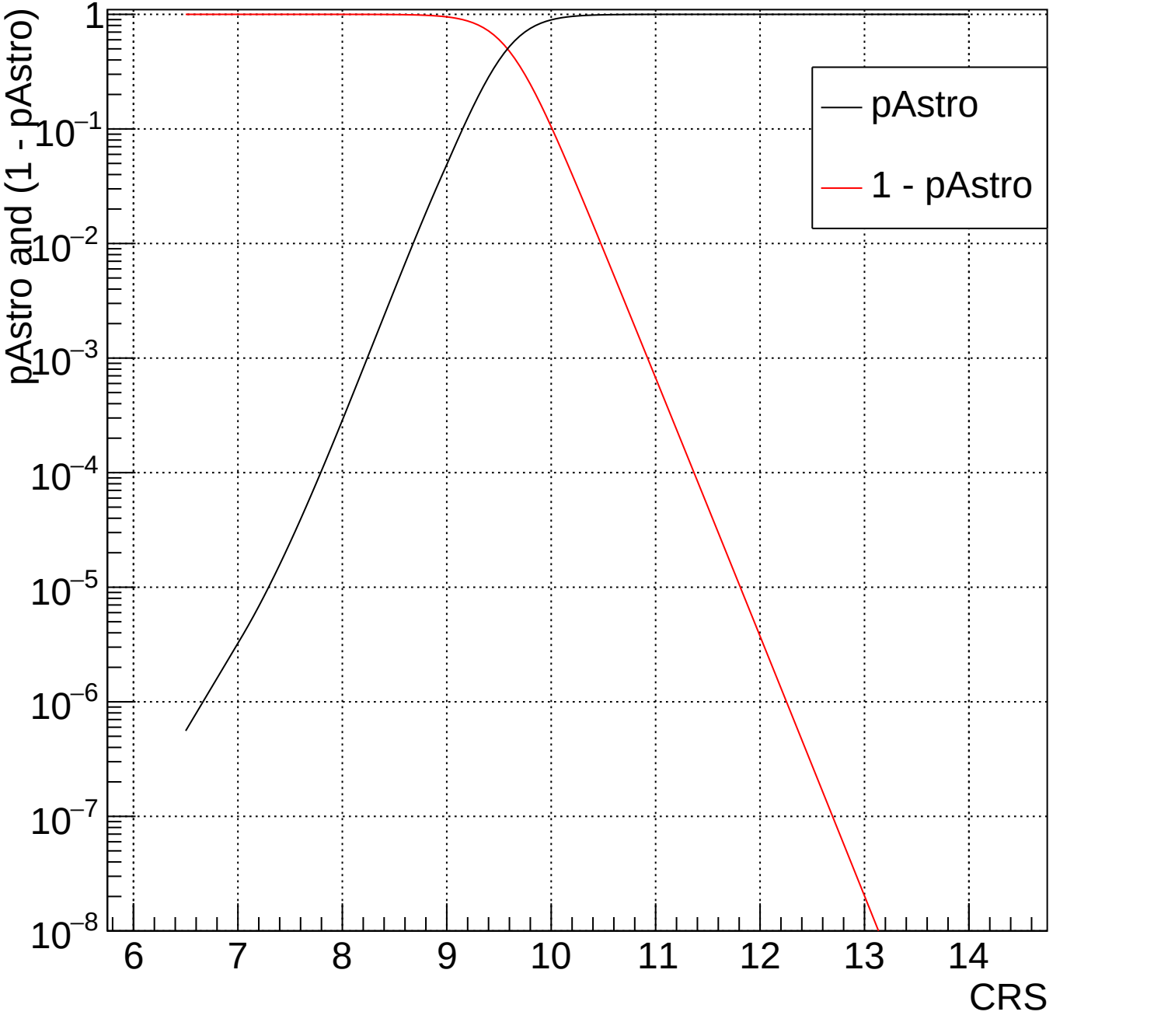
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CRS
pAstro
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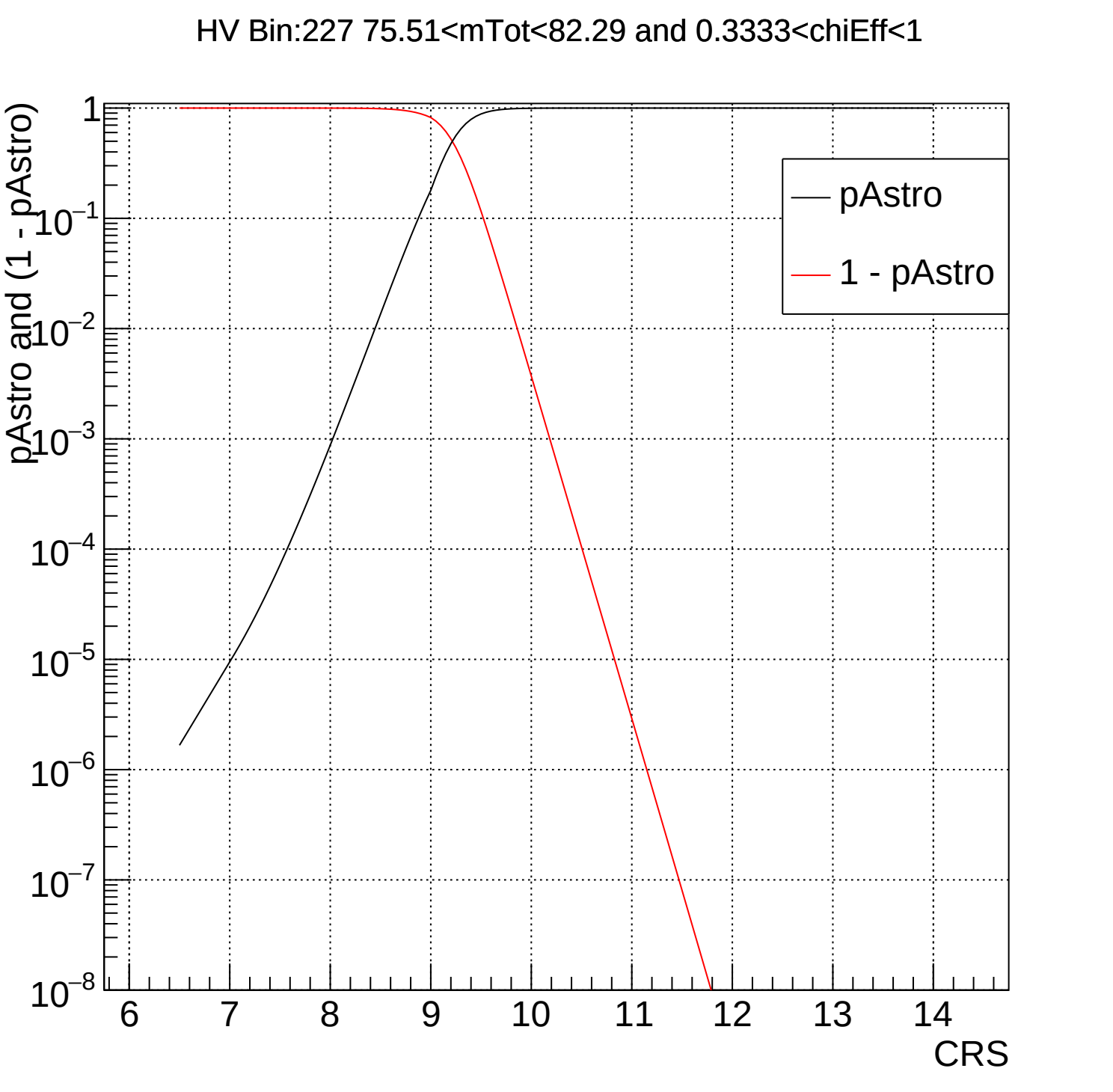
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pAstro
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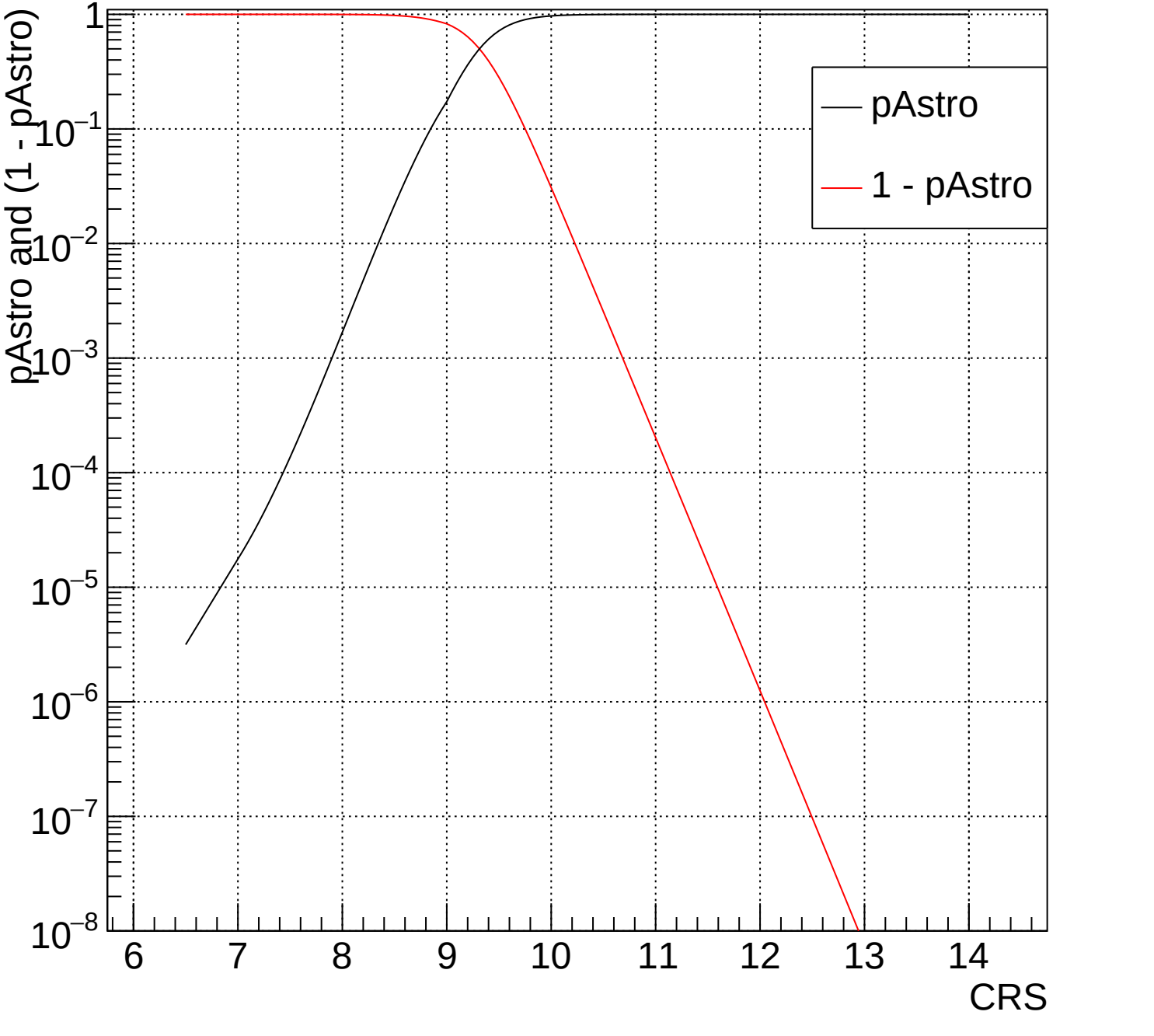
HV Bin:228 82.29<mTot<89.67 and 0.3333<chiEff<1
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pAstro
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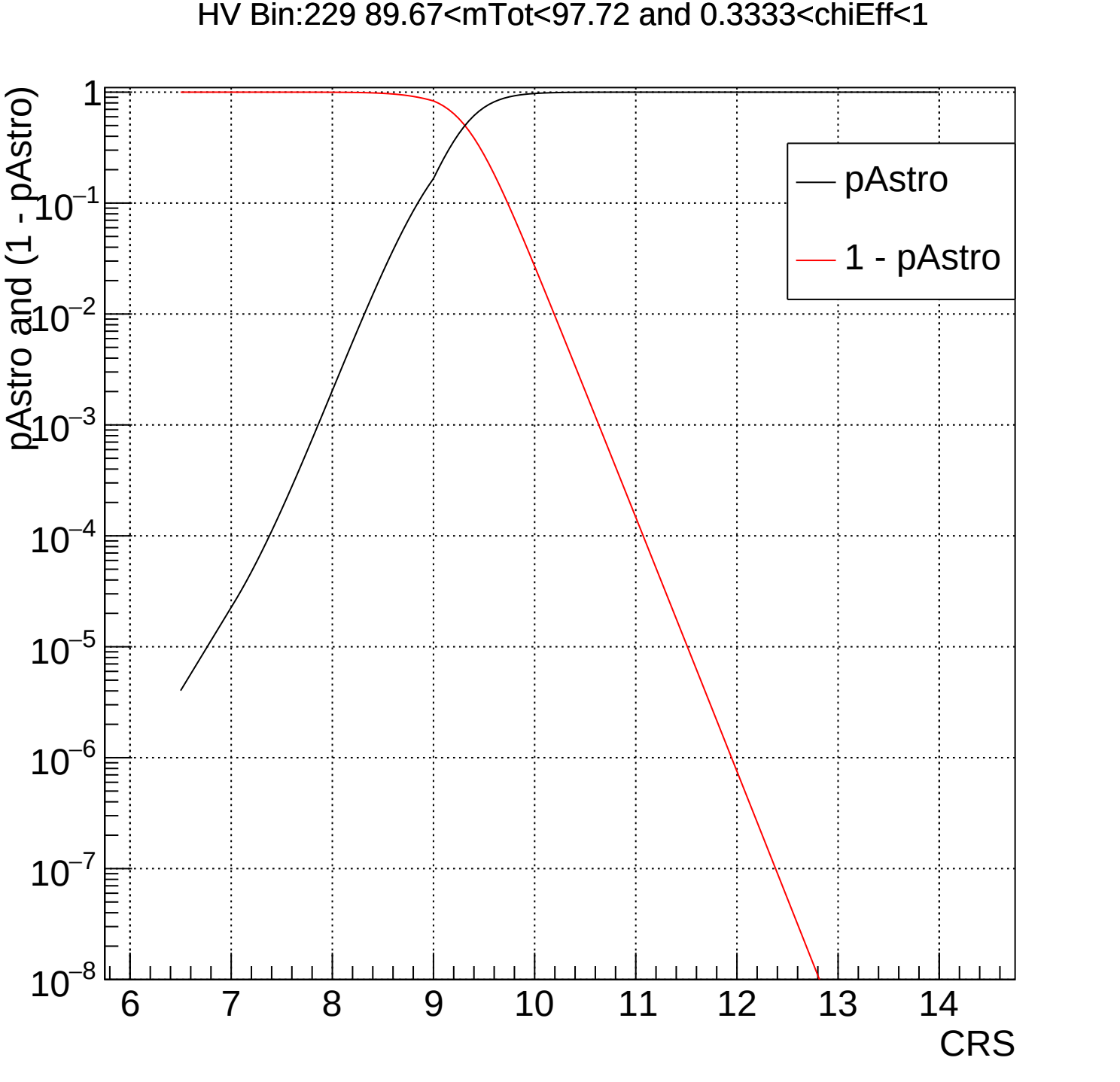
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pAstro
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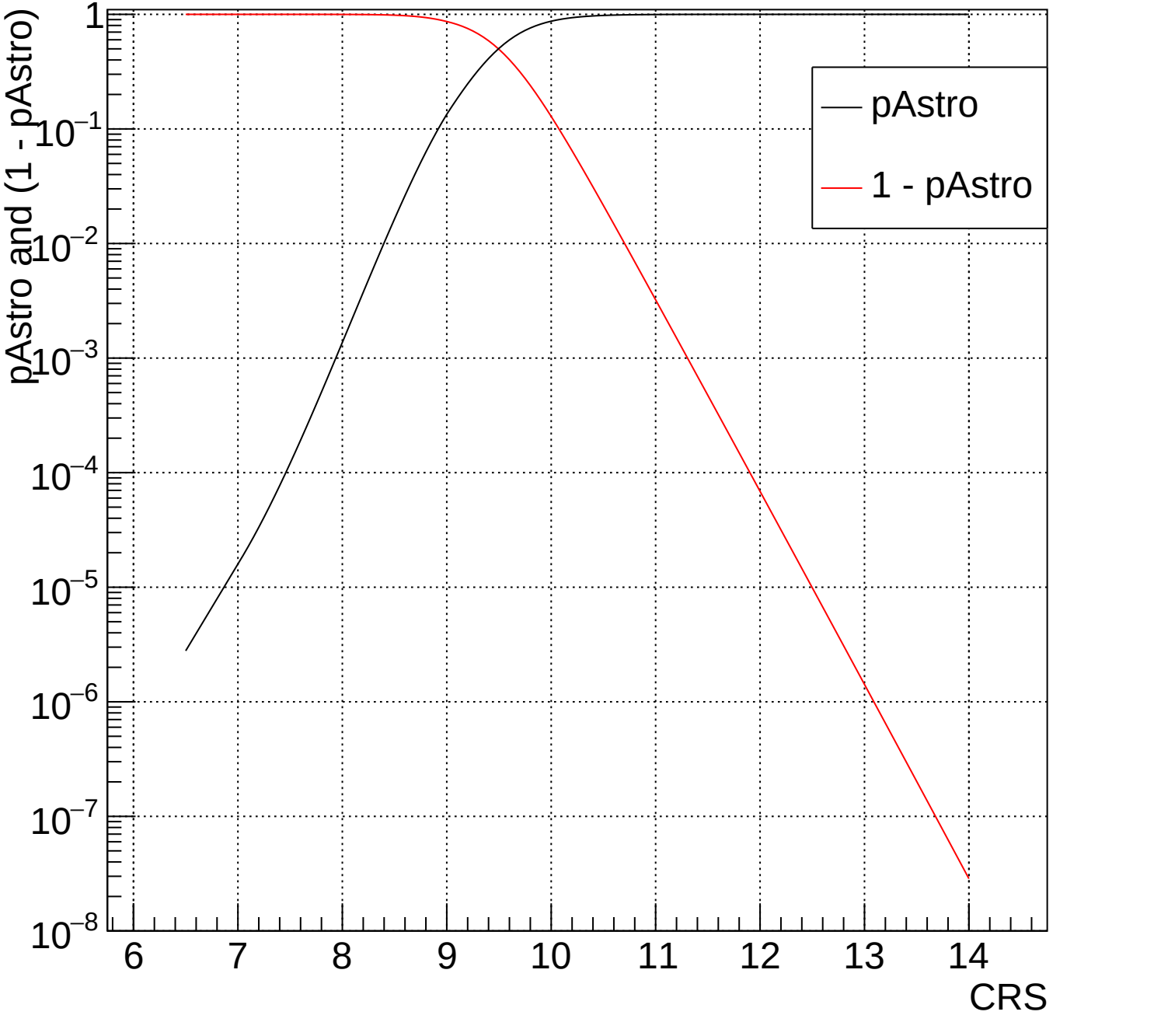
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pAstro
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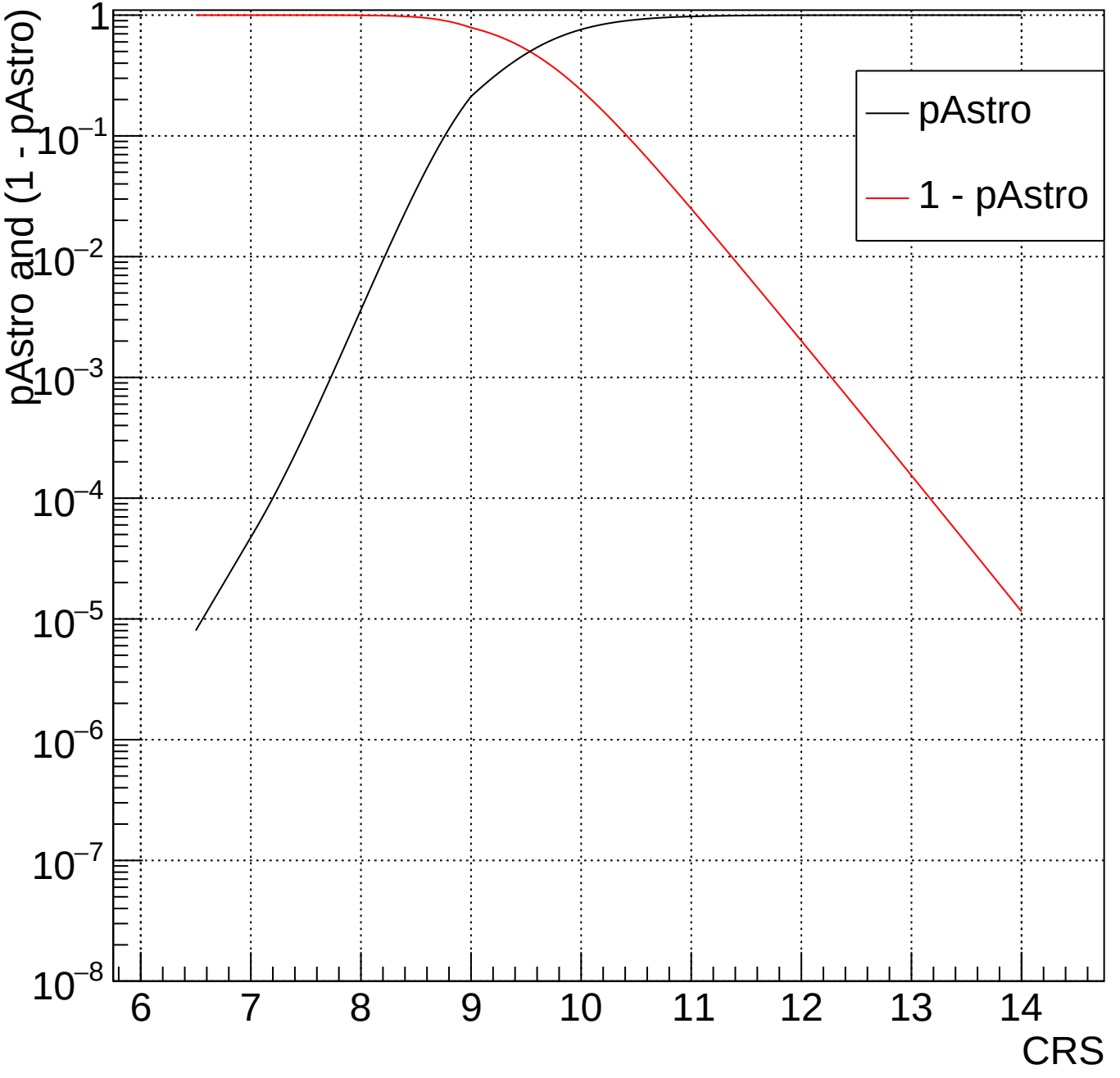
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pAstro
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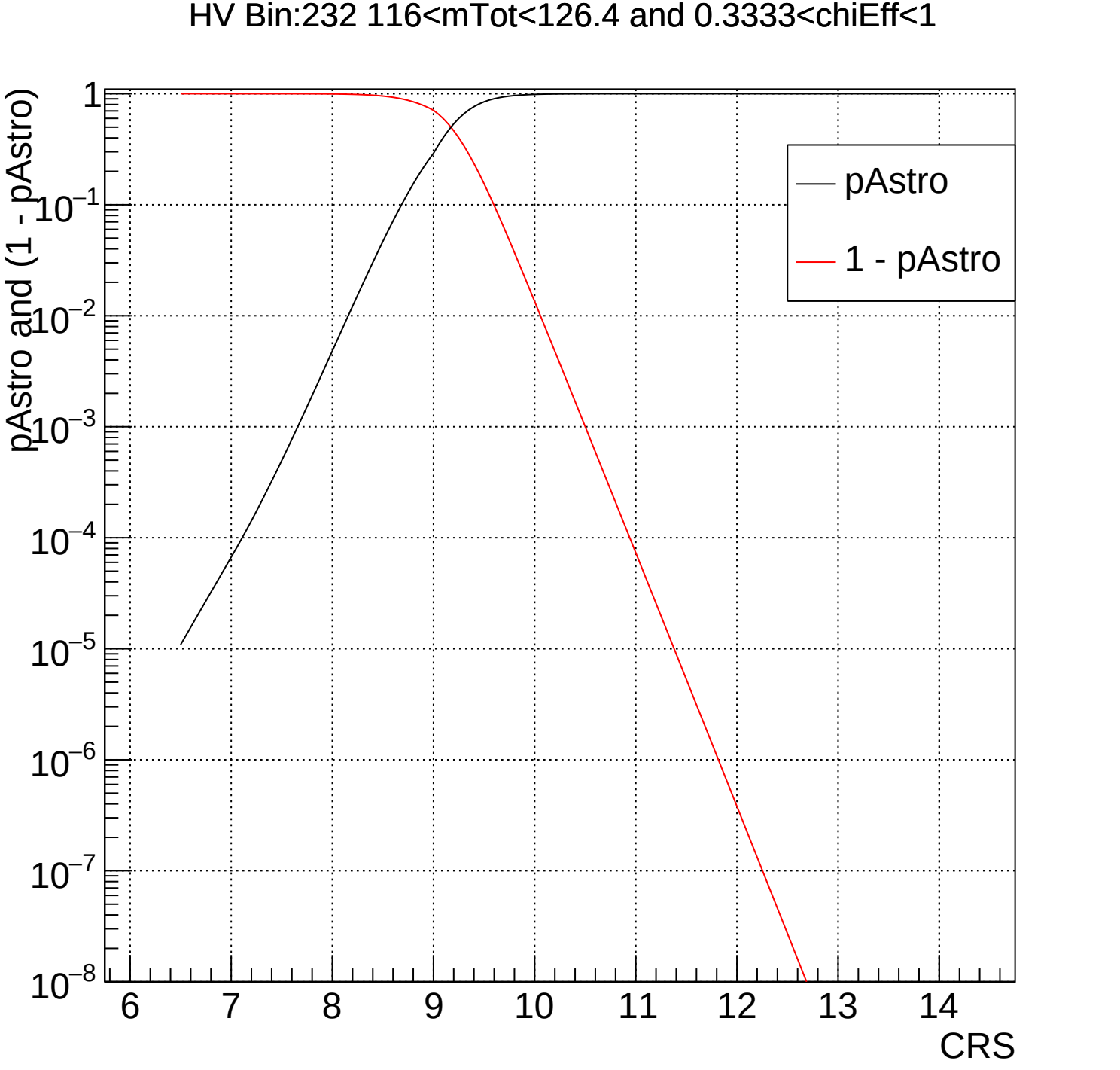
HV Bin:232 116<mTot<126.4 and 0.3333<chiEff<1
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pAstro
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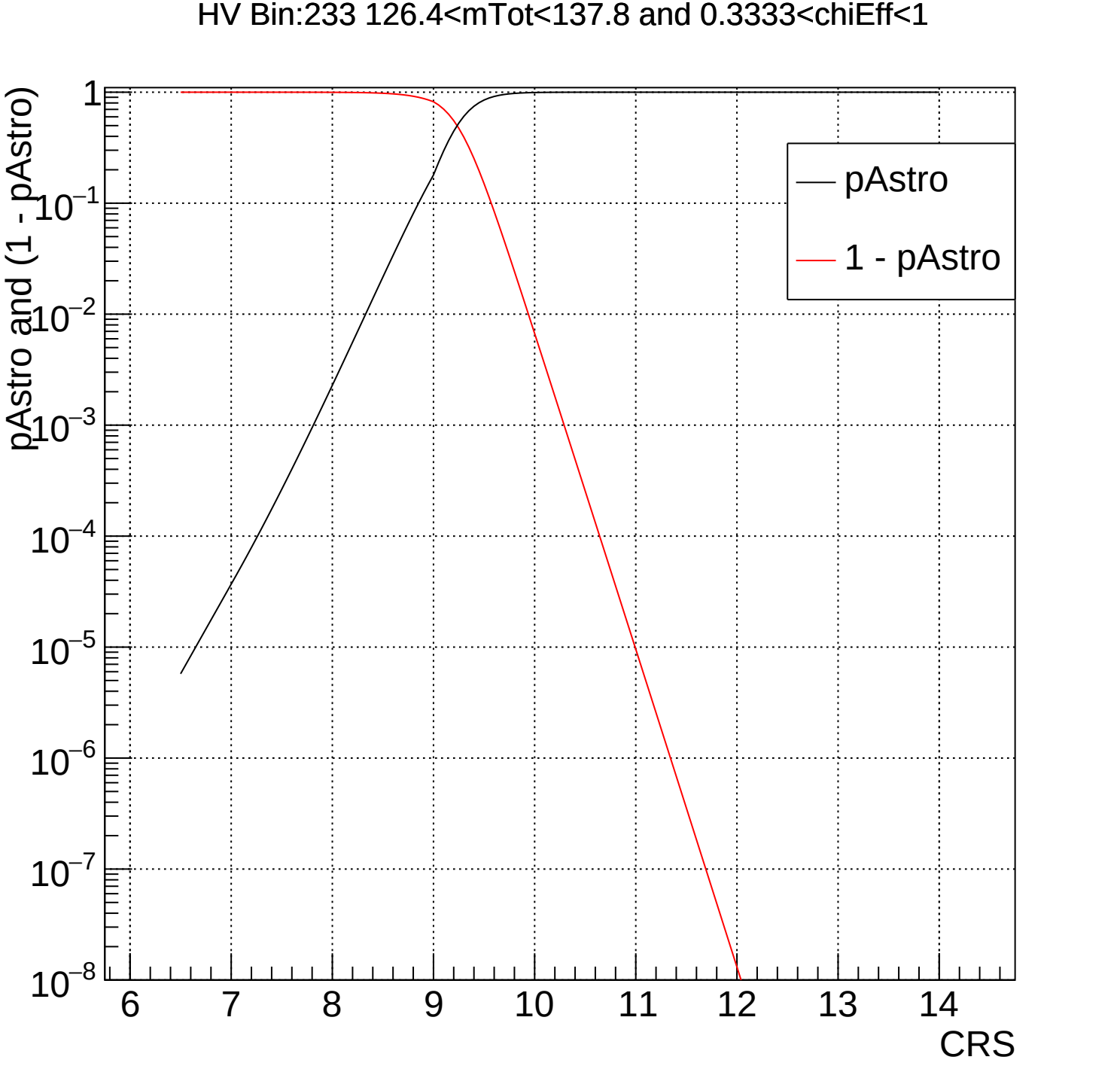
HV Bin:233 126.4<mTot<137.8 and 0.3333<chiEff<1
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pAstro
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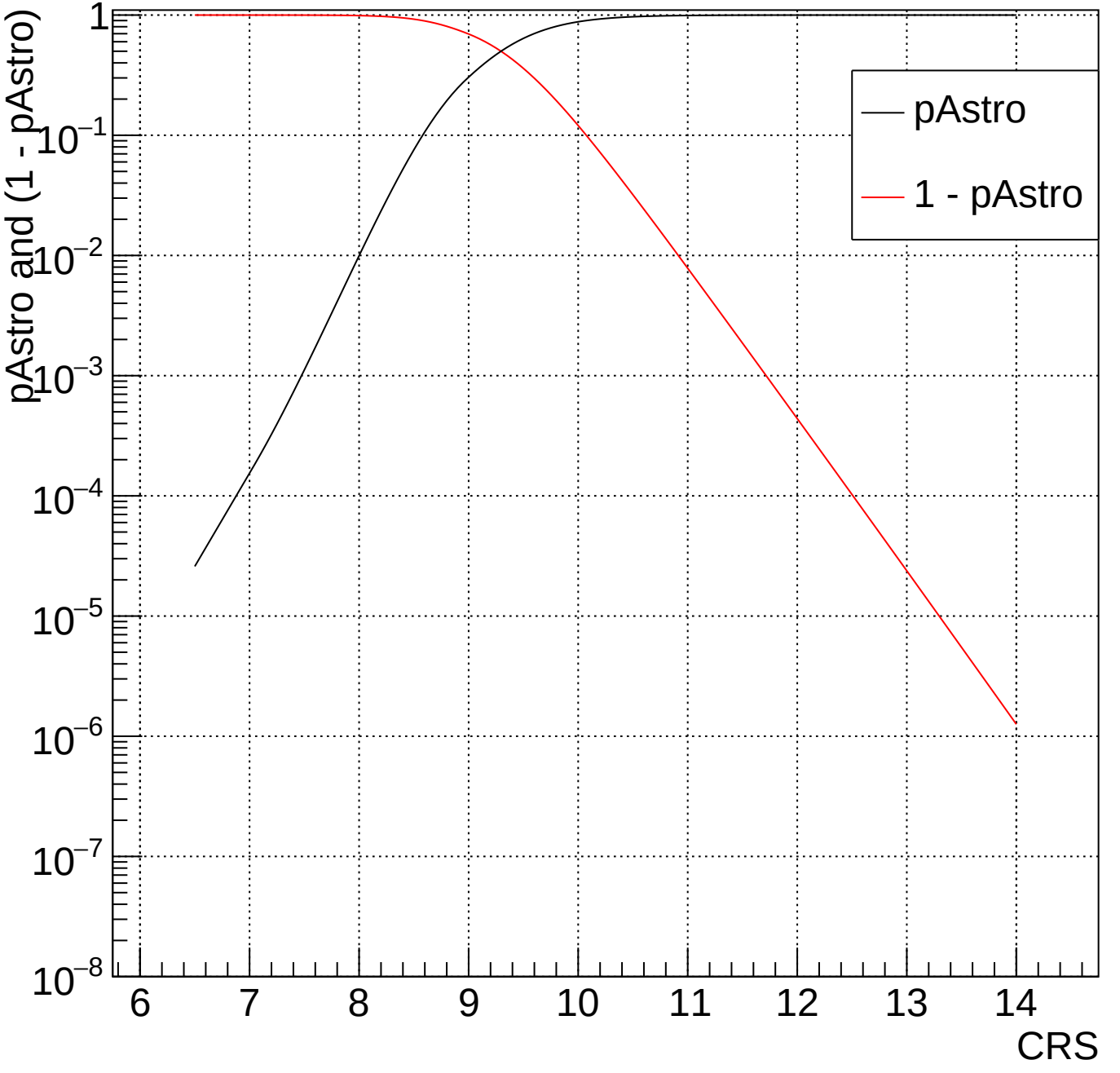
HV Bin:234 137.8<mTot<150.2 and 0.3333<chiEff<1
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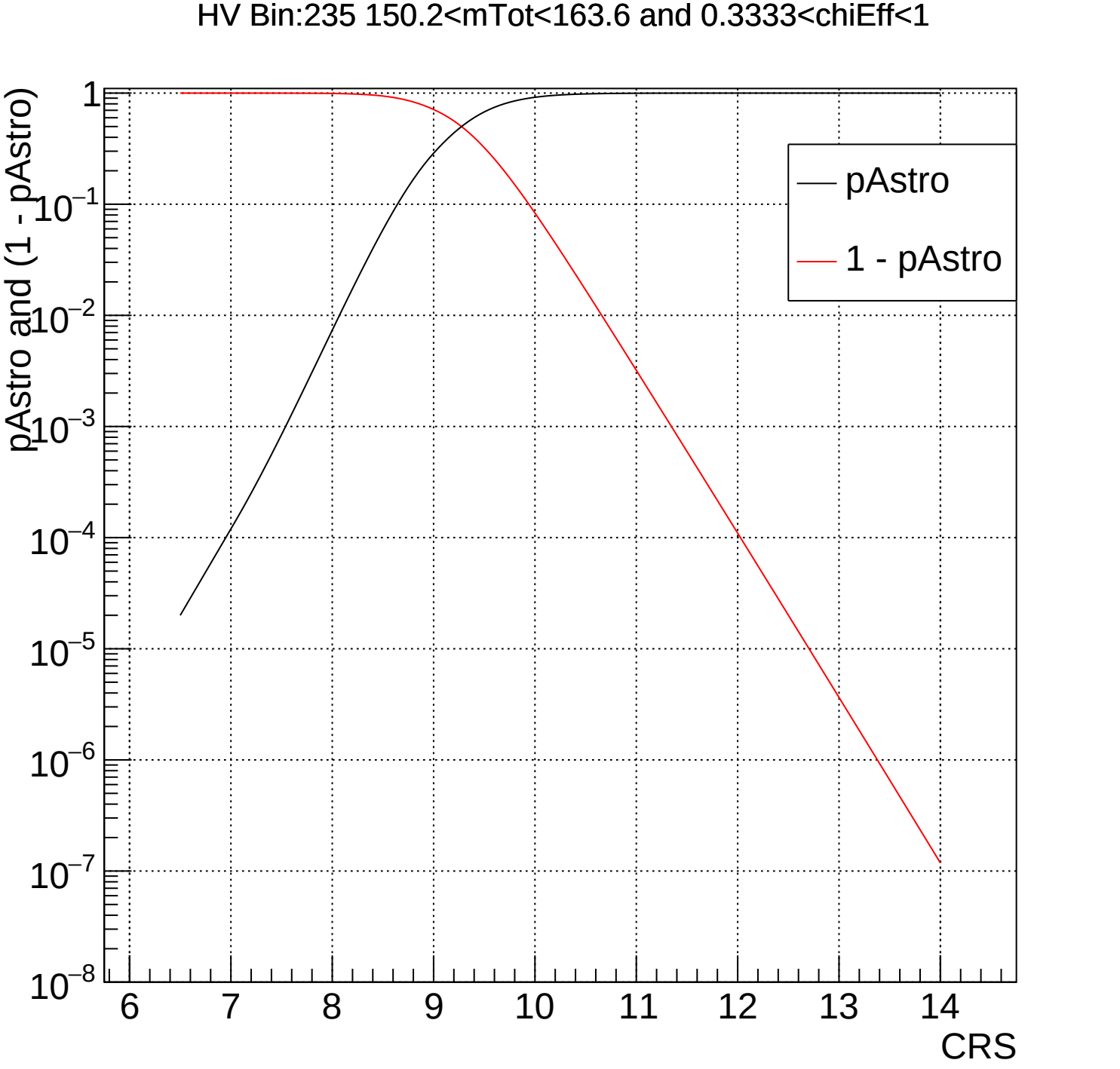
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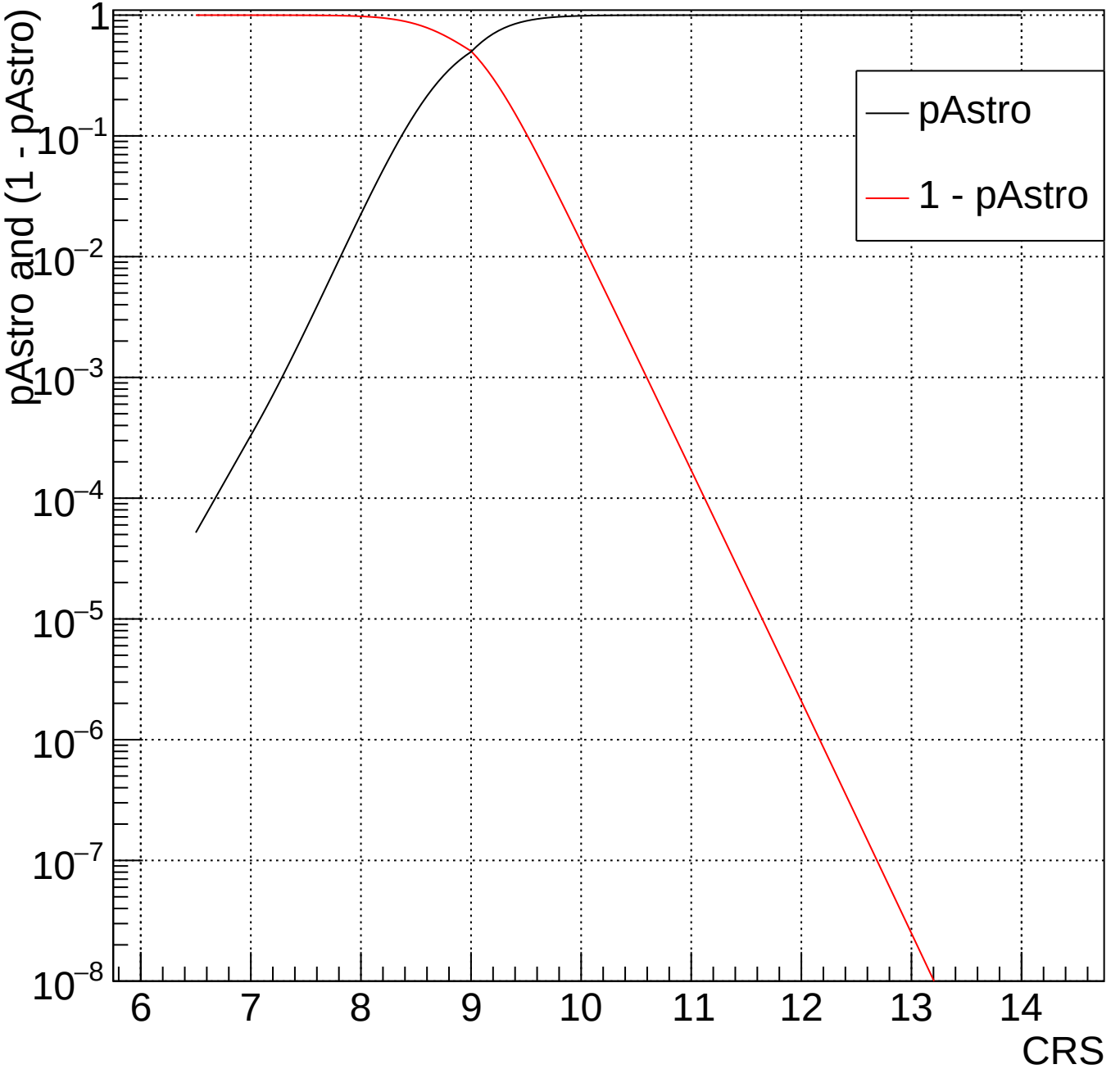
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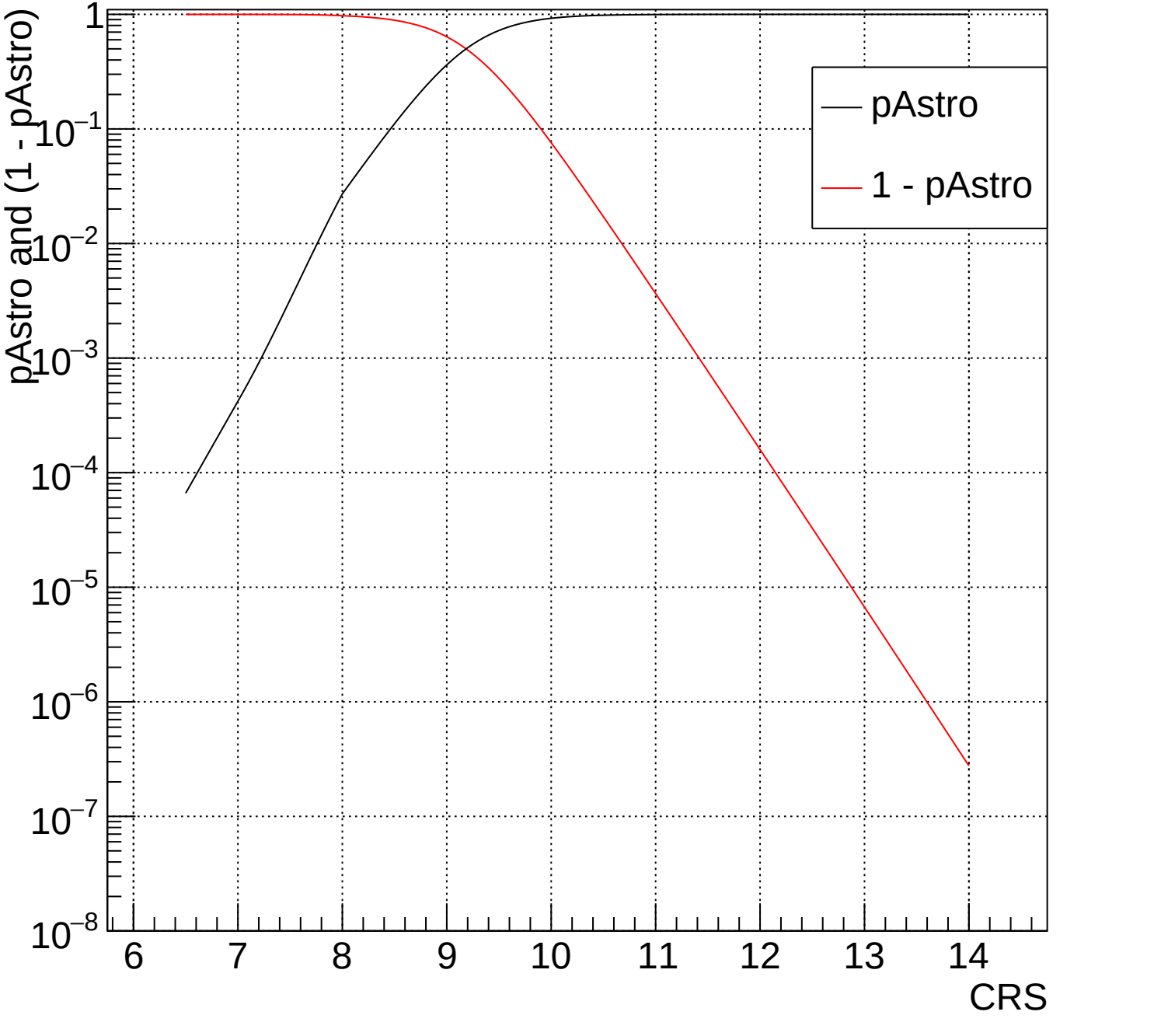
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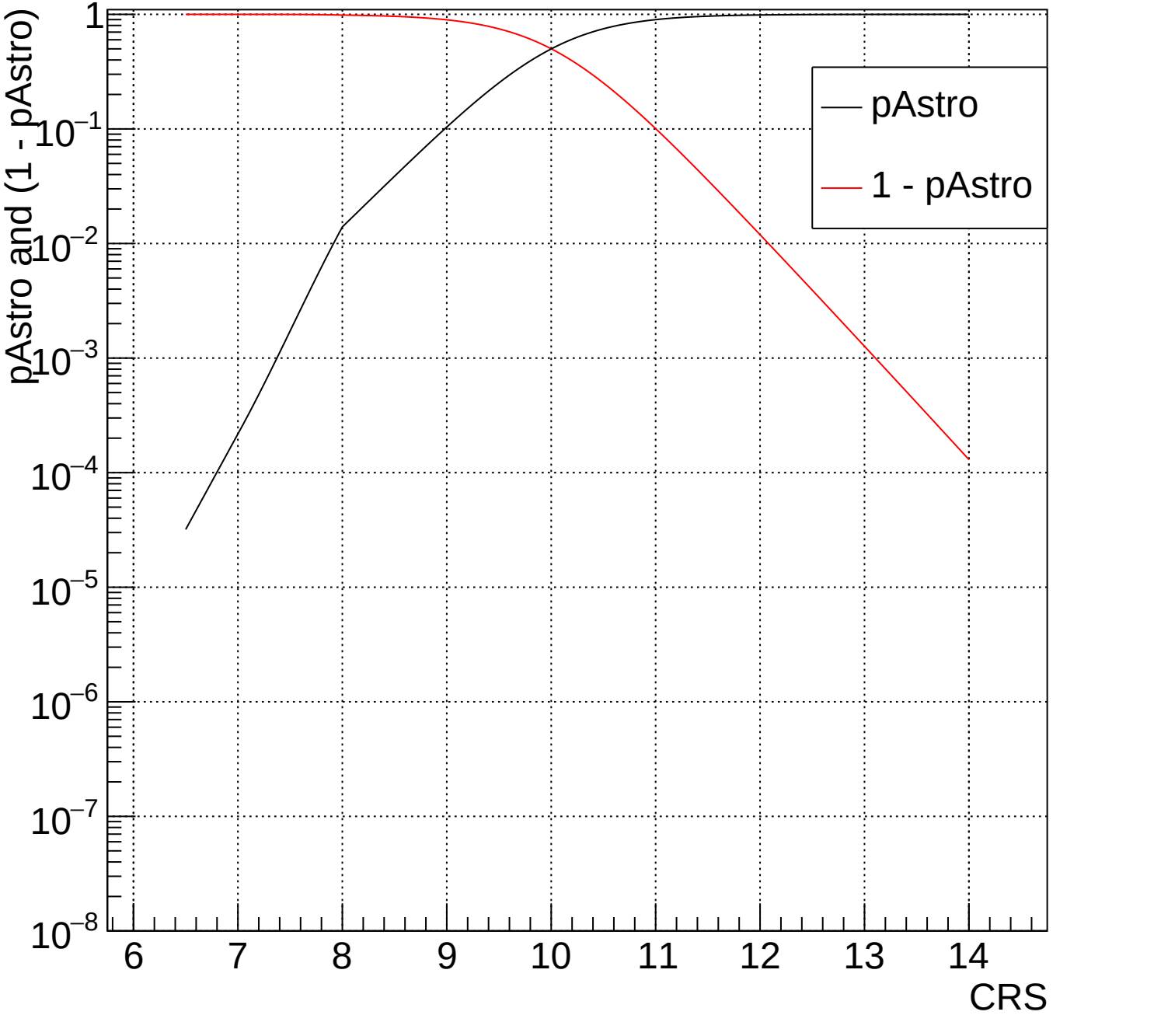
HV Bin:238 194.3<mTot<211.7 and 0.3333<chiEff<1
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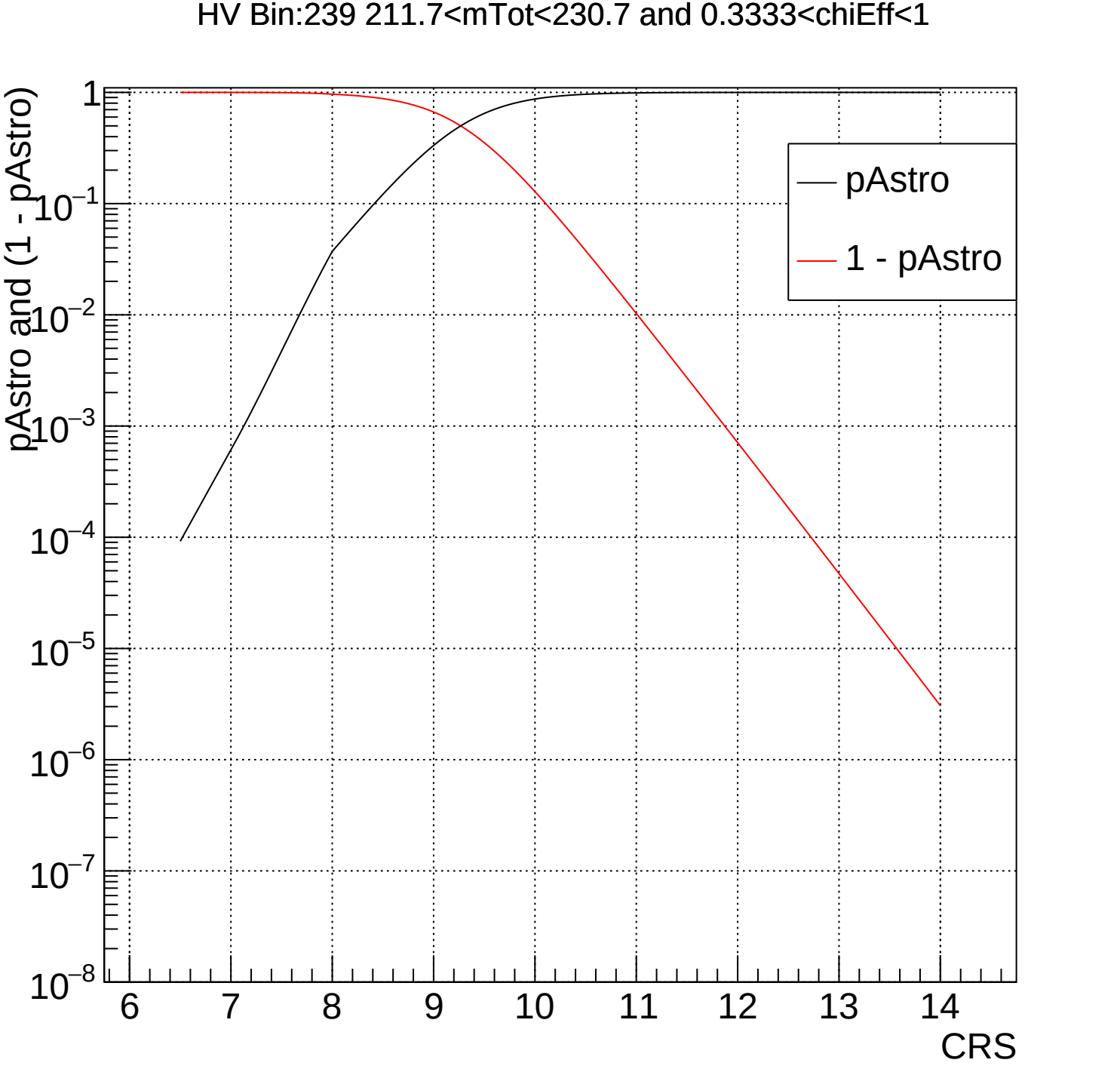
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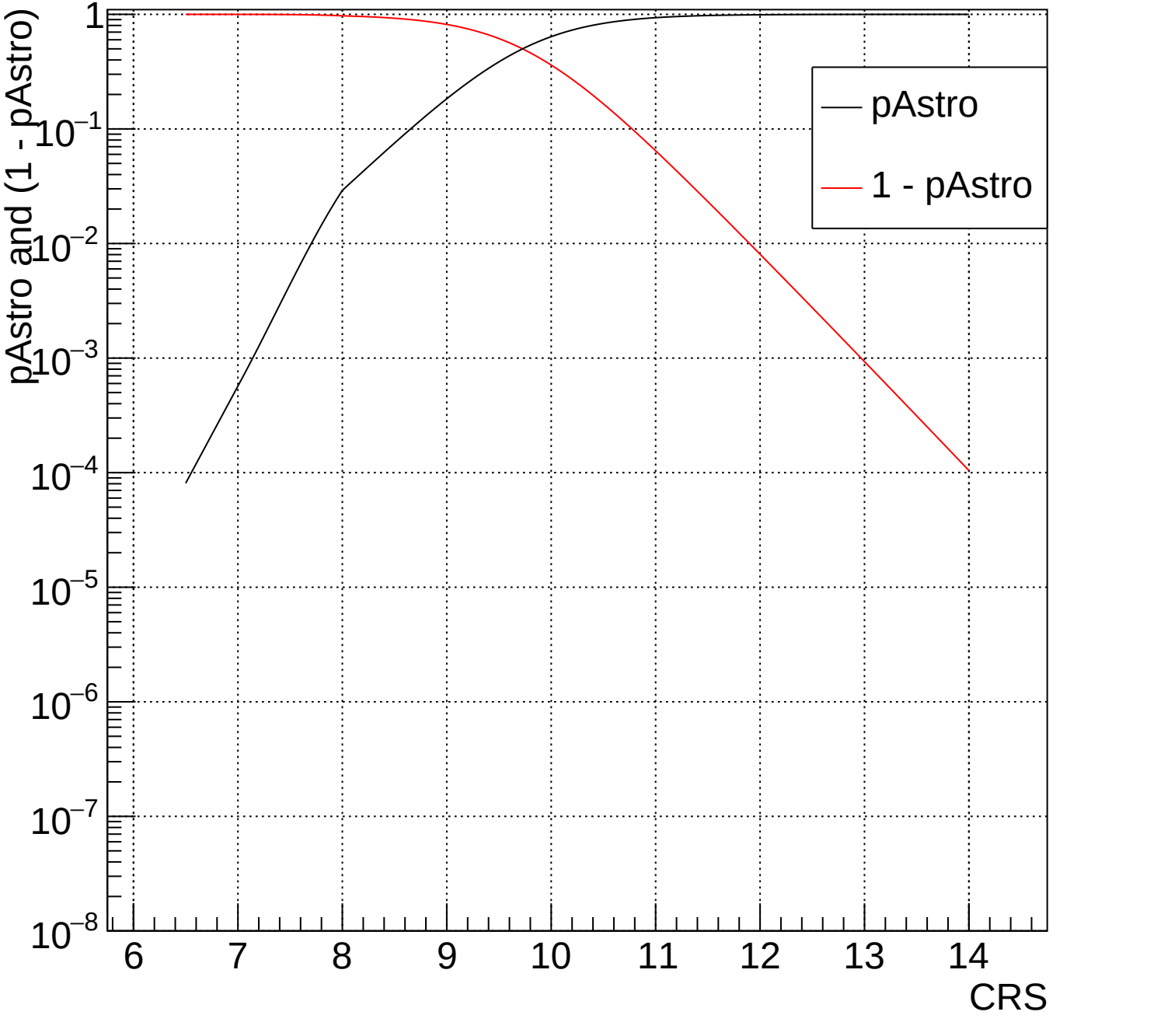
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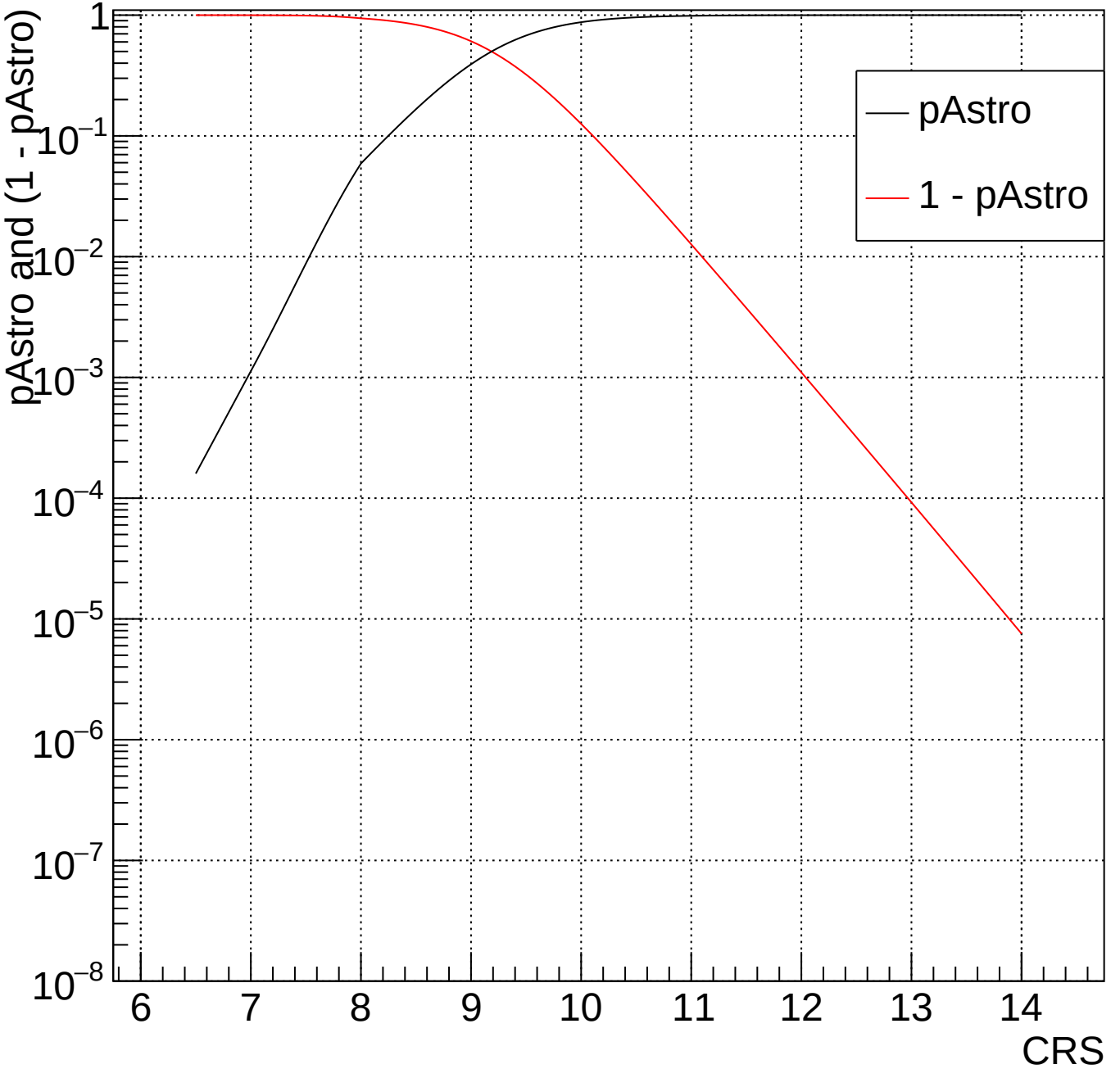
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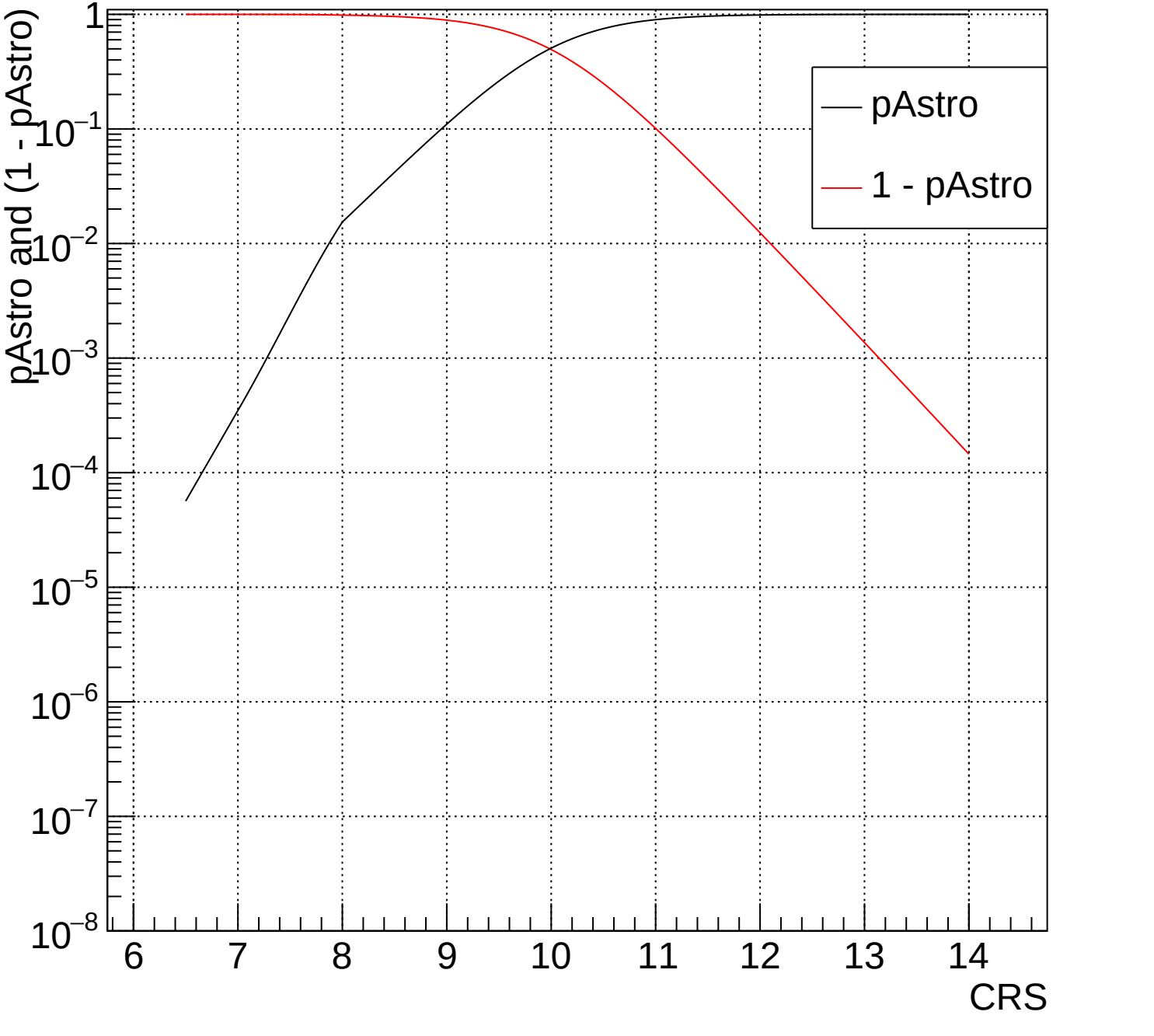
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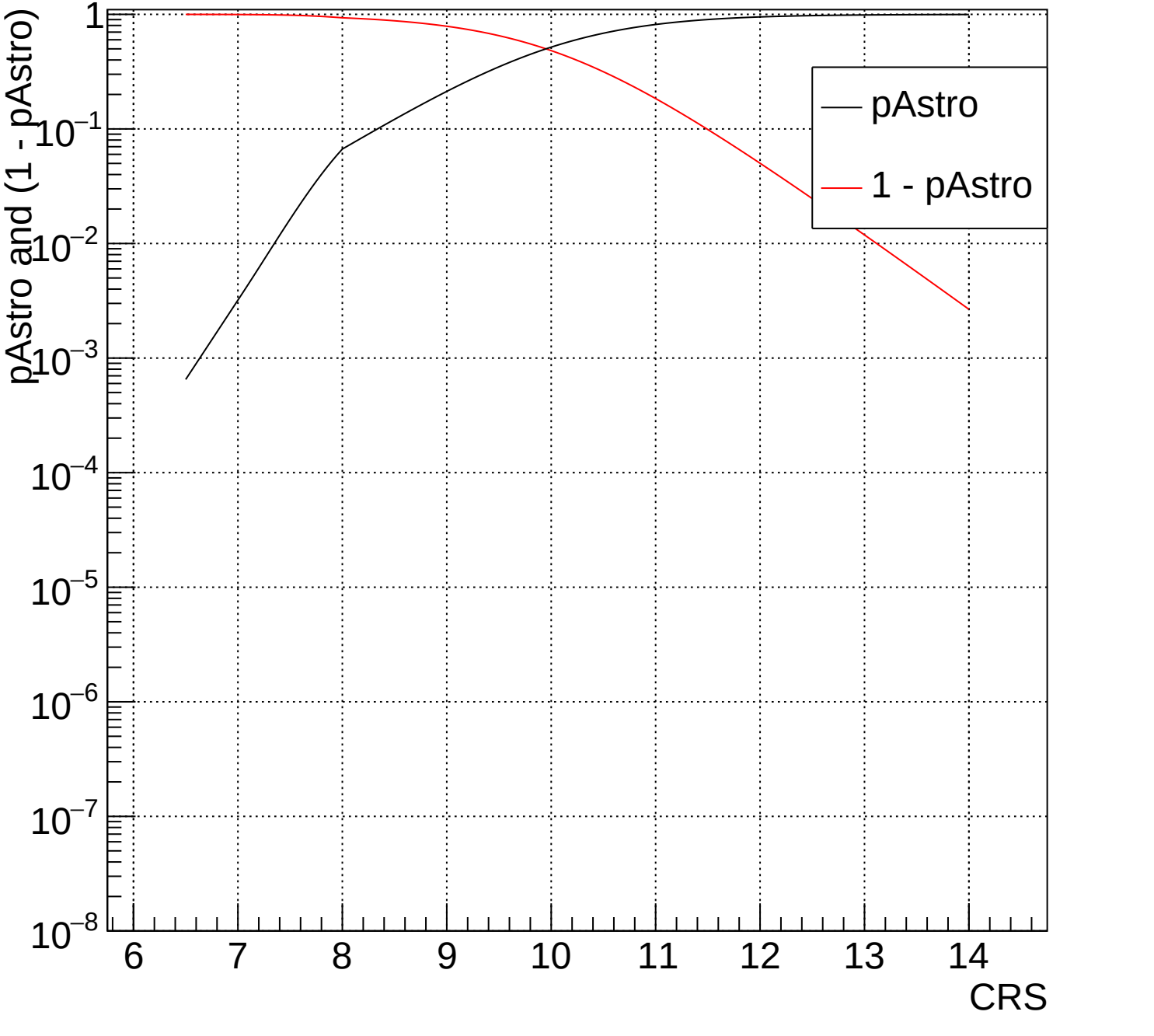
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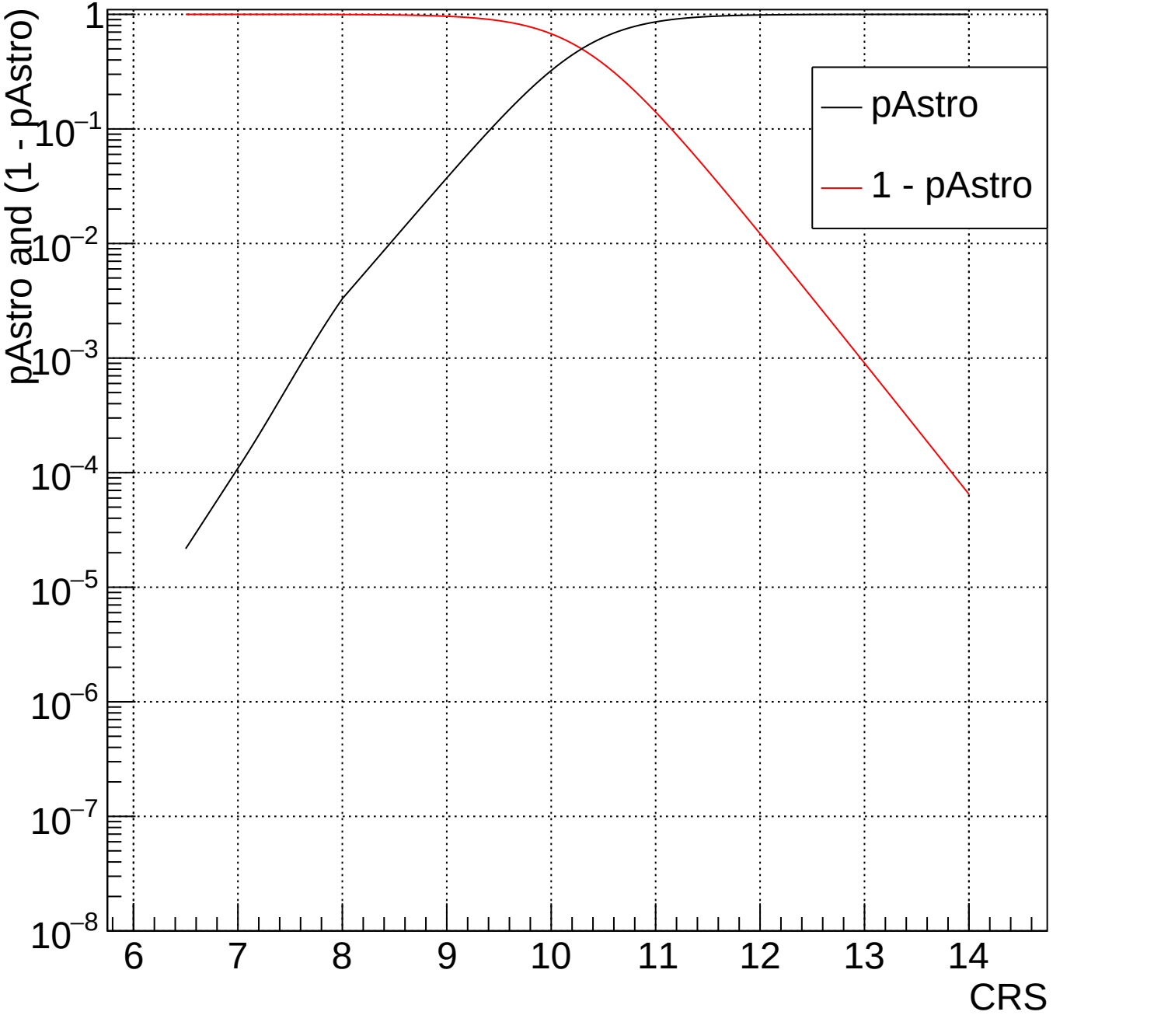
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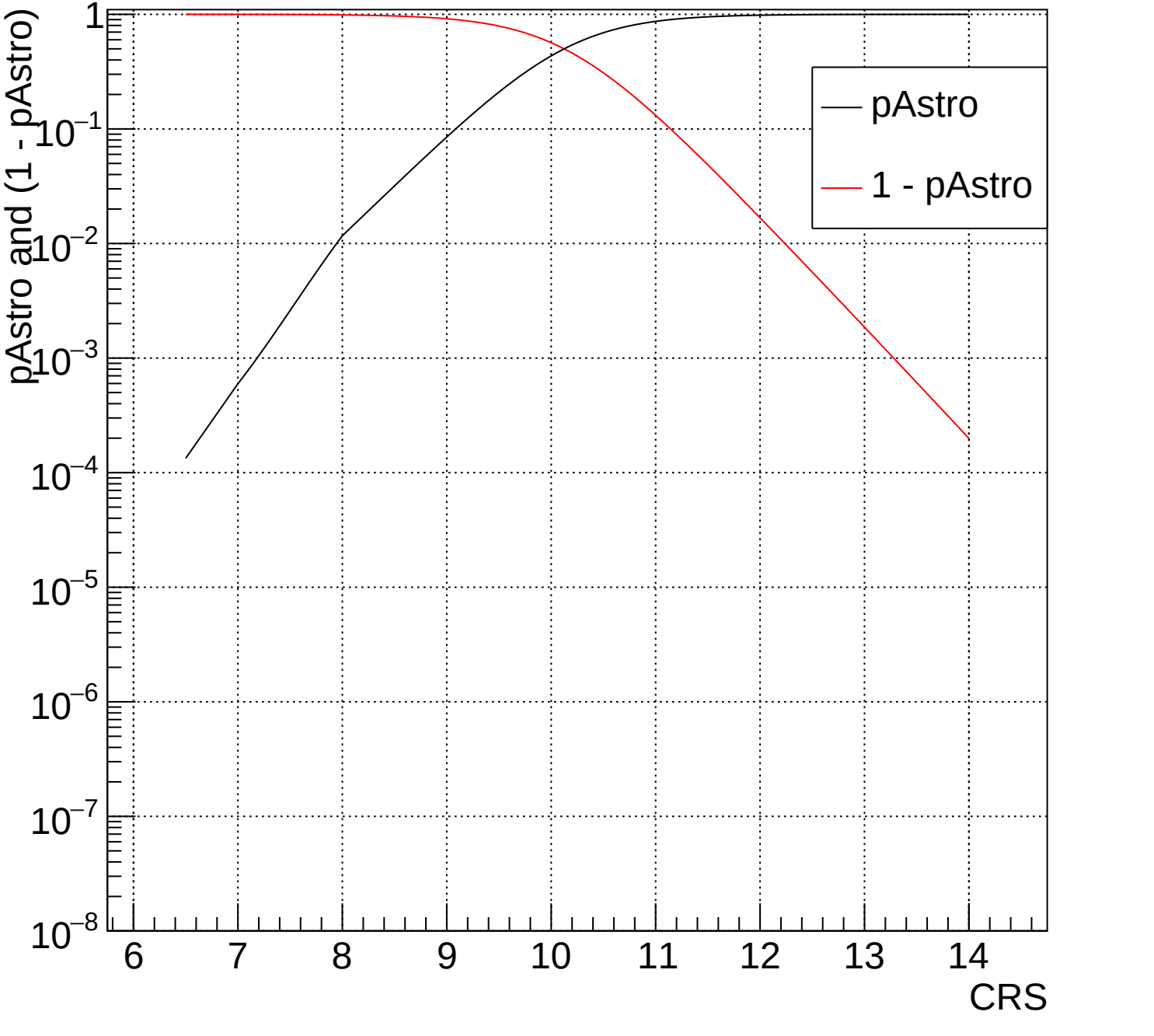
HV Bin:245 354.6<mTot<386.4 and 0.3333<chiEff<1
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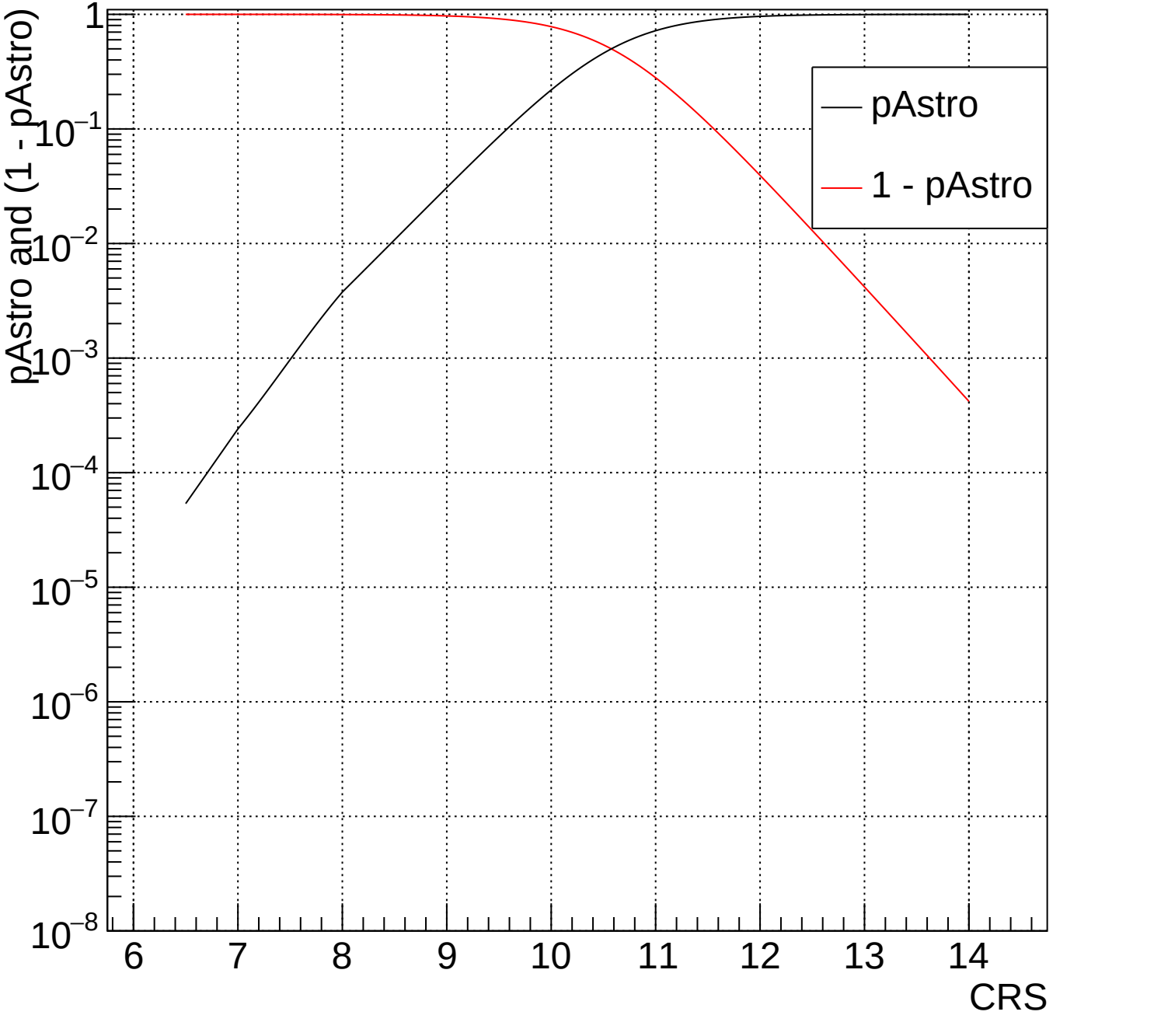
HV Bin:246 386.4<mTot<421.1 and 0.3333<chiEff<1
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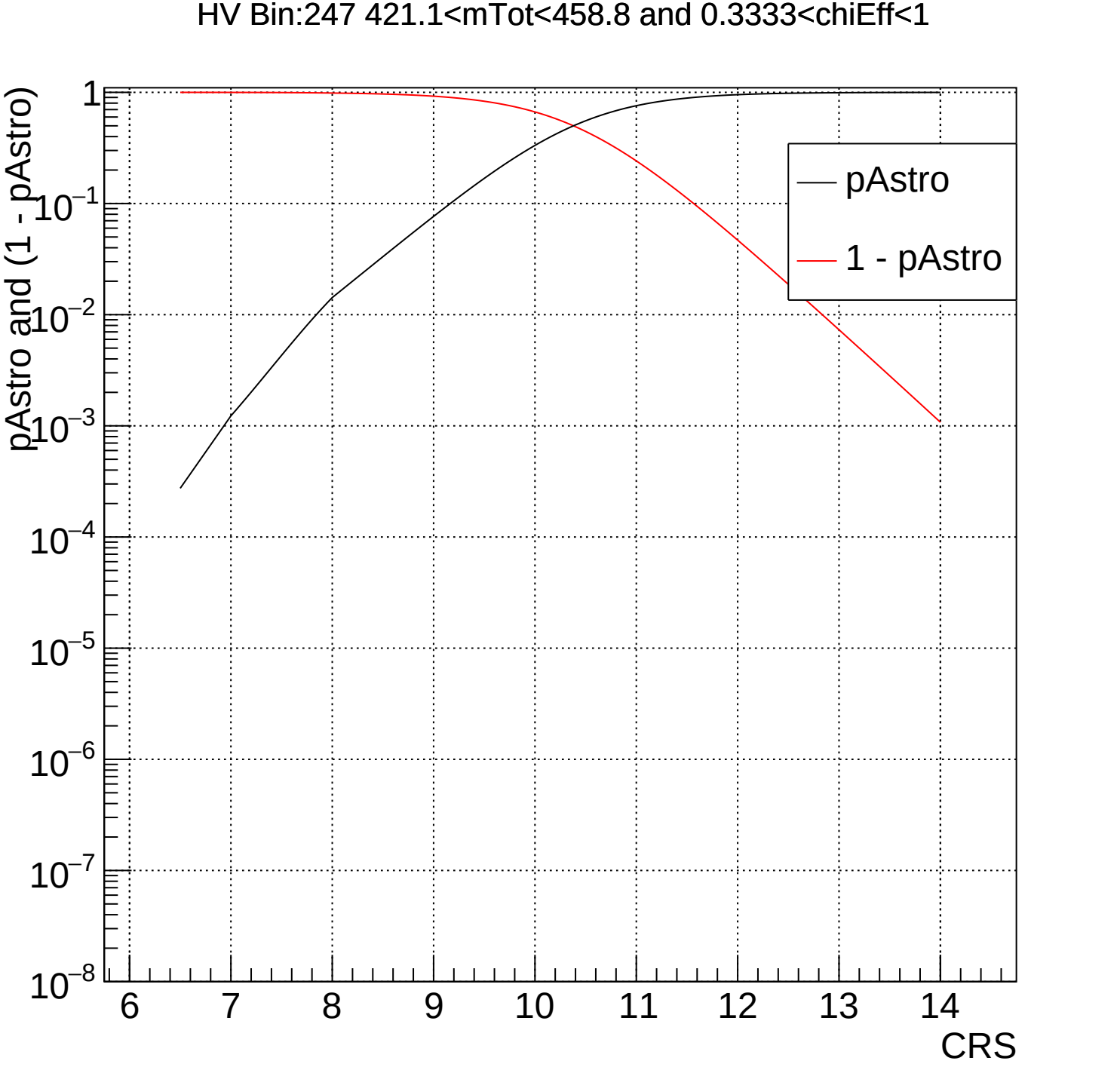
HV Bin:247 421.1<mTot<458.8 and 0.3333<chiEff<1
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pAstro
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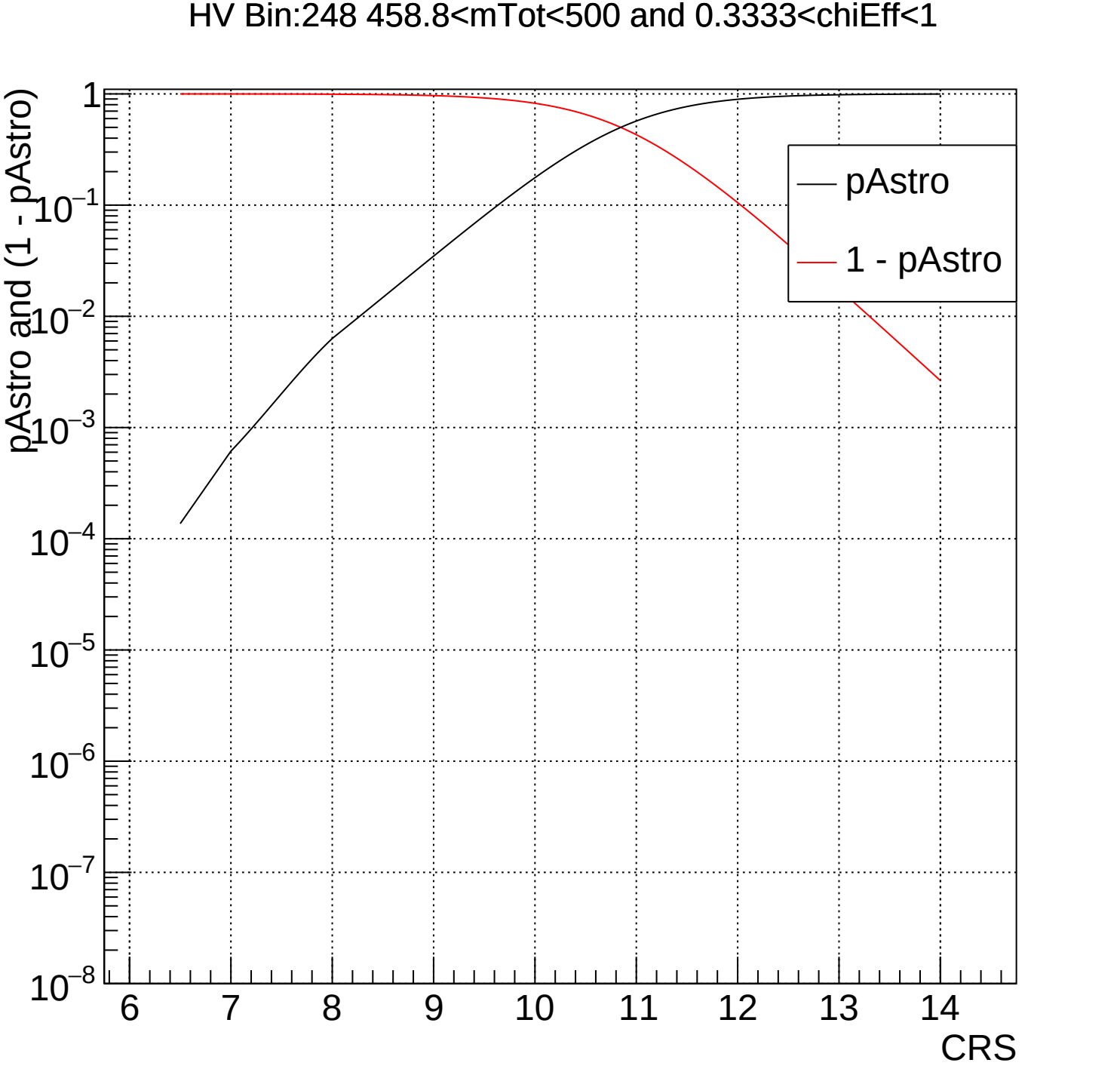
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pAstro
1 - pAstro