SICCAS ID	TYPE	Production Year	T(360 nm), %	T(420 nm), %	T(620 nm), %	LY(T= +18 C, t=100 ns), phe/MeV	LY(100 ns)/LY(1000 ns) at T= +18 C, %	dk(420 nm), m^{-1}	alternative LY	alternative ratio		
limit	-----	-----	**≥ 35**	**≥ 60**	**≥ 70**	**≥ 16**	**> 90**	**< 1.1**				
9	11L	2009	**32.1**	67.3	79.6	20.7	95.1	1.03				
10	11L	2009	**30.0**	62.2	74.4	22.5	95.1	0.37				
13	11L	2009	35.3	64.0	76.1	23.4	94.6	0.55				
14	11L	2009	36.6	63.6	74.8	25.0	94.0	0.71				
16	11L	2009	**30.6**	60.4	75.4	23.4	94.1	0.54				
17	11L	2009	35.3	61.2	71.8	26.9	94.1	0.46				
19	11L	2009	**31.5**	62.7	74.1	22.1	94.8	0.35				
22	11L	2009	**26.5**	67.1	79.3	20.1	94.5	0.75				
23	11L	2009	**29.2**	65.3	76.7	19.9	94.9	0.62				
24	11L	2009	38.4	64.1	76.1	22.4	93.0	0.90				
201101	11L	2011	**34.5**	62.8	74.8	**???**	**???**	1.00				
201102	11L	2011	**34.6**	65.0	77.3	18.8	94.3	1.07				
201103	11L	2011	40.5	65.9	76.6	22.1	94.0	0.36				
201104	11L	2011	35.0	66.5	76.8	18.3	95.2	0.45				
201105	11L	2011	38.6	66.7	78.5	22.2	94.1	0.51				
201106	11L	2011	**26.1**	66.1	75.7	17.9	93.0	0.46				
201107	11L	2011	**28.4**	63.4	74.9	19.2	93.7	0.62				
201108	11L	2011	**32.5**	62.8	74.1	20.5	93.4	**1.13**				
201109	11L	2011	36.8	64.2	75.7	23.0	93.3	0.83				
201110	11L	2011	**33.9**	62.8	76.4	21.0	93.5	0.63				
201111	11L	2011	**30.1**	61.0	76.2	22.4	92.9	0.68				
201112	11L	2011	**27.8**	**54.8**	71.0	**14.2**	92.5	1.07				
201113	11L	2011	**25.9**	64.1	76.6	18.8	93.3	0.27				
201114	11L	2011	**23.0**	65.4	76.7	17.9	93.2	0.28				
201115	11L	2011	**25.9**	64.6	77.1	19.4	93.6	0.67	LY	LY ratio	coef.	
120901	11L	2012	**30.8**	62.7	74.8	21.0	93.7	1.01	18.4	91.5	1.14	
120902	11L	2012	35.7	64.6	77.4	24.4	93.4	0.42	21.5	91.7	1.13	
120903	11L	2012	**29.9**	63.4	77.9	20.9	92.9	0.94	17.8	91.8	1.17	
120904	11L	2012	35.7	65.5	77.7	23.0	93.0	0.42	20.5	91.3	1.12	
120905	11L	2012	**25.3**	64.4	77.5	20.3	92.8	0.59	17.8	91.5	1.14	1.14
120906	11L	2012	**31.5**	65.4	79.0	18.2	91.7	0.39			Right PMT	
120907	11L	2012	**27.1**	69.0	81.2	17.8	90.9	0.47	20.3	recalculated	Left PMT	
120908	11L	2012	**30.2**	66.4	79.6	18.1	90.1	1.04	20.6	recalculated	Left PMT	
120909 (bubles)	11L	2012	**20.0**	**55.5**	72.6	**12.7**	91.3	**4.70**			Right PMT	
120910	11L	2012	**31.0**	70.3	82.3	**15.3**	**89.2**	1.09	17.4	recalculated	Left PMT	
120911	11L	2012	**30.0**	66.1	79.1	18.5	92.0	0.63			Right PMT	
120912	11L	2012	**25.3**	68.0	80.8	**15.4**	90.3	0.68	17.6	recalculated	Left PMT	
120913	11L	2012	**27.4**	67.1	80.2	17.0	92.4	0.81			Right PMT	
120914	11L	2012	**29.6**	67.5	78.5	16.0	90.5	0.65	18.2	recalculated	Left PMT	
120915	11L	2012	**34.9**	65.2	77.3	**15.8**	91.9	0.77			Right PMT	
120916 (brownish)	11L	2012	**29.2**	65.6	77.4	**11.5**	90.3	**1.25**	**13.1**	recalculated	Left PMT	
120917	11L	2012	**26.9**	67.1	77.1	16.9	91.5	0.53			Right PMT	
120918 (brownish)	11L	2012	**23.7**	65.7	76.3	**12.0**	90.4	0.79	**13.7**	recalculated	Left PMT	
120919	11L	2012	36.8	65.0	76.6	23.2	91.4	0.63			Right PMT	
120920 (brownish)	11L	2012	**31.8**	68.0	79.6	**12.0**	90.5	**1.16**	**13.7**	recalculated	Left PMT	
120921	11L	2012	**34.1**	66.4	79.7	19.1	90.6	0.70			Right PMT	
120922	11L	2012	**27.9**	66.4	78.6	**14.9**	**89.6**	0.62	17.0	recalculated	Left PMT	
120923	11L	2012	**28.1**	68.7	80.3	16.8	91.2	0.67			Right PMT	
120924	11L	2012	**21.5**	68.3	78.4	**14.9**	90.7	0.62	17.0	recalculated	Left PMT	
120925	11L	2012	**27.5**	69.9	80.6	17.7	91.7	0.64			Right PMT	
1451	11L	2014	**19.0**	**58.8**	73.8	22.3	94.1	**1.92**	20.2	94.1	PMT BA3176	
1452	11L	2014	**25.2**	62.9	74.2	22.3	94.1	0.72	17.8	94.3	PMT BA3176	
1453	11L	2014	**23.2**	**57.8**	75.3	**11.1**	90.4	**3.94**	11.2	87.4	PMT BA3176	
1454	11L	2014	35.0	67.2	77.8	26.9	93.7	0.69	22.3	93.8	PMT BA3176	
1455 rus	11L	2014	**10.1**	**52.5**	73.5	**15.4**	93.9	**2.68**	11.9	93.6	PMT BA3176	
1456	11L	2014	**2.0**	**56.5**	73.8	**15.6**		**6.36**	14.6	90.6	PMT BA3176	
1457	11L	2014	**16.4**	**42.3**	**62.9**	**13,1 at -25 C**	87.8	**6.32**			PMT BA3200	
1458	11L	2014	**20.4**	**58.8**	75.2	17.8		**2.93**	16.6	91.3	PMT BA3176	
1459	11L	2014	**11.3**	**52.6**	**68.5**	19.2	92.1	**2.74**			PMT BA3200	
1460	11L	2014	**19.1**	**45.7**	**63.6**			**5.89**	16,8 at -25 C	89.0	PMT BA3176	
1461	11L	2014	**8.8**	**52.0**	**65.6**	19.7	91.7	**3.59**			PMT BA3200	
1462	11L	2014	**32.5**	60.7	74.3	21.9		0.85	20.5	91.5	PMT BA3176	
1463	11L	2014	**22.9**	**55.1**	**67.3**	21.5	91.9	0.38			PMT BA3200	
1464	11L	2014	**22.7**	**59.0**	74.1	20.5		0.89	19.2	91.6	PMT BA3176	
1465 rus	11L	2014	**1.8**	**40.3**	**66.5**	12.9	90.8	**2.26**			PMT BA3200	
1466	11L	2015	**31.2**	**56.9**	72.0	23.4	90.1	0.86			PMT BA3176	
1467	11L	2015	**20.6**	**55.8**	71.1	21.4	90.4	0.71			PMT BA3200	
1468	11L	2015	**21.5**	**56.5**	**69.7**	19.9	89.9	0.65			PMT BA3176	
1469	11L	2015	**26.9**	**56.9**	**69.0**	21.2	90.7	0.44			PMT BA3200	
1470	11L	2015	**25.5**	**56.2**	70.3	22.8	90.0	**1.33**			PMT BA3176	
1471	11L	2015	**24.7**	**57.8**	70.8	20.6	90.5	0.80			PMT BA3200	
1472	11L	2015	**33.6**	**59.1**	72.1	20.7	90.1	0.16			PMT BA3176	
1473	11L	2015	**22.2**	60.3	72.2	20.8	90.7	0.71			PMT BA3200	
1474	11L	2015	**23.2**	60.5	72.2	20.3	89.9	0.59			PMT BA3176	
1475	11L	2015	35.0	65.2	78.0	22.0	91.4	0.84			PMT BA3200	
1476	11L	2015	**31.9**	**58.0**	70.9	19.8	90.3	0.39			PMT BA3176	
1477	11L	2015	**26.7**	**55.8**	**68.8**	22.0	90.7	0.32			PMT BA3200	
1478	11L	2015	**28.3**	**55.5**	**67.0**	23.2	90.2	0.15			PMT BA3200	
1479	11L	2015	**28.6**	**56.6**	**69.0**	22.2	90.2	0.12			PMT BA3176	
1480	11L	2015	**23.0**	**50.9**	**67.4**	23.2	90.0	0.37			PMT BA3176	
1481	11L	2015	**22.9**	**49.0**	**62.8**	22.6	90.0	0.21			PMT BA3200	
1482	11L	2015	**26.2**	**54.4**	**67.0**	22.4	90.0	0.56			PMT BA3176	
1483	11L	2015	**31.2**	**55.1**	**69.4**	24.8	90.5	0.35			PMT BA3200	
1484	11L	2015	**30.6**	**53.8**	**66.9**	24.2	90.4	0.46			PMT BA3176	
1485	11L	2015	**32.0**	60.0	70.8	24.6	91.3	0.31			PMT BA3200	
1486	11L	2015	**28.8**	**52.9**	**67.1**	24.6	89.4	0.09			PMT BA3176	
1487	11L	2015	**29.4**	**54.9**	70.0	22.6	90.7	0.10			PMT BA3200	
1488	11L	2015	**29.0**	**56.3**	**69.1**	24.0	90.5	0.26			PMT BA3176	
1489	11L	2015	**30.5**	61.1	73.9	22.9	90.7	0.52			PMT BA3200	
1490	11L	2015	**28.0**	**54.6**	**68.2**	22.9	90.4	0.17			PMT BA3176	
1491	11L	2015	**25.5**	**54.6**	**69.1**	23.7	90.8	0.65			PMT BA3200	
1492	11L	2015	**26.5**	**56.5**	70.0	21.7	90.3	0.76			PMT BA3200	