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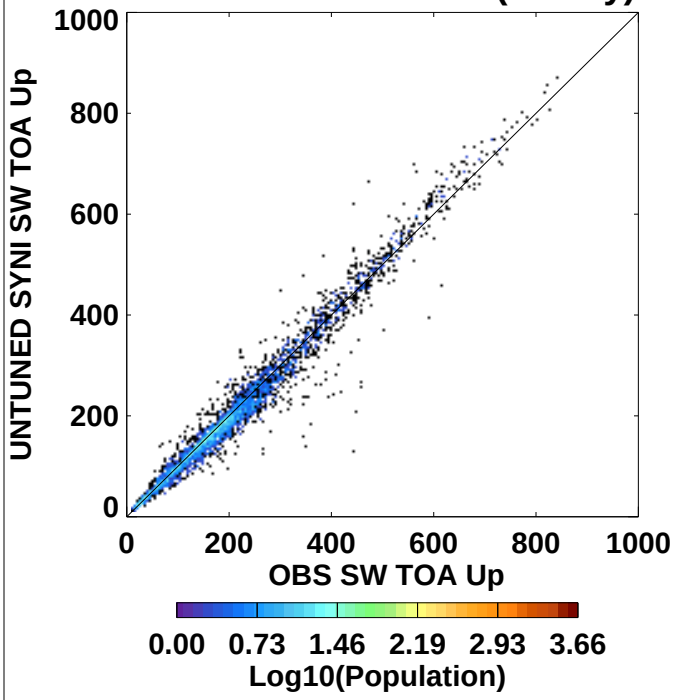
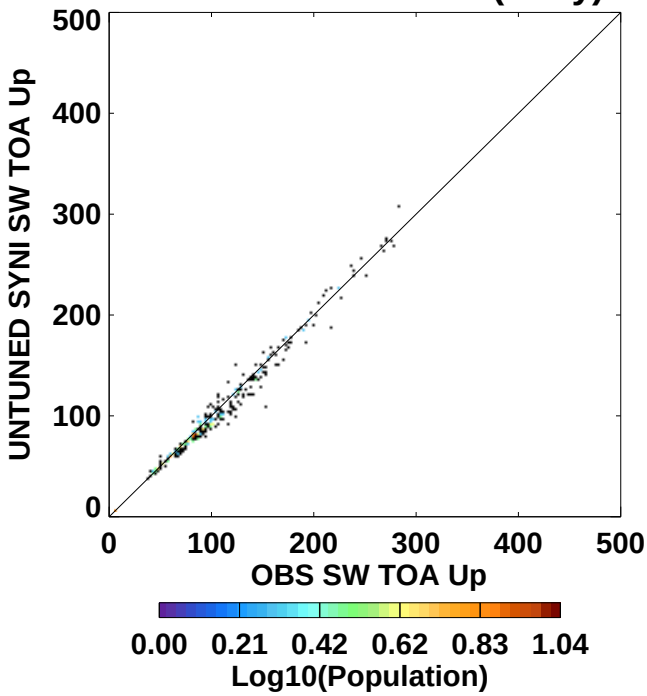
Untuned TOA SW UP(Hourly)



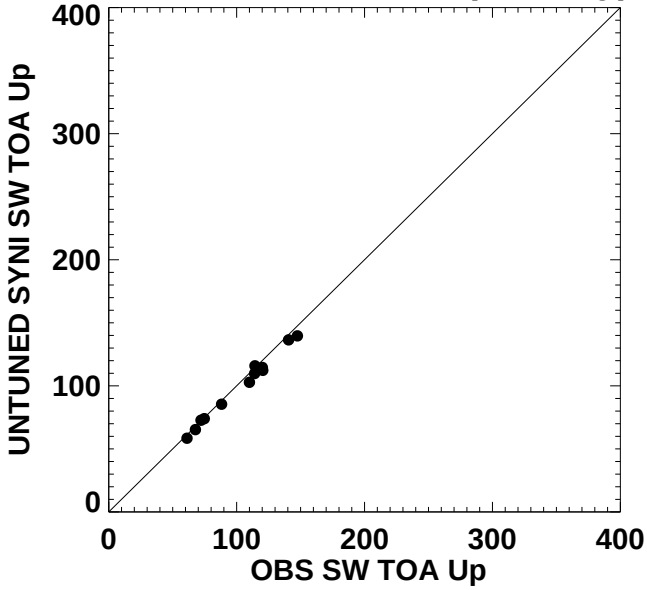
N= 8920.	Mean	(StdDev)
OBS SW TOA Up	102.4(	142.3)
UNTUNED SYNI SW TOA Up	100.0(	142.1)
Y-X	-2.42(	17.42)
RMS(	17.58).....	

Untuned TOA SW UP(Daily)



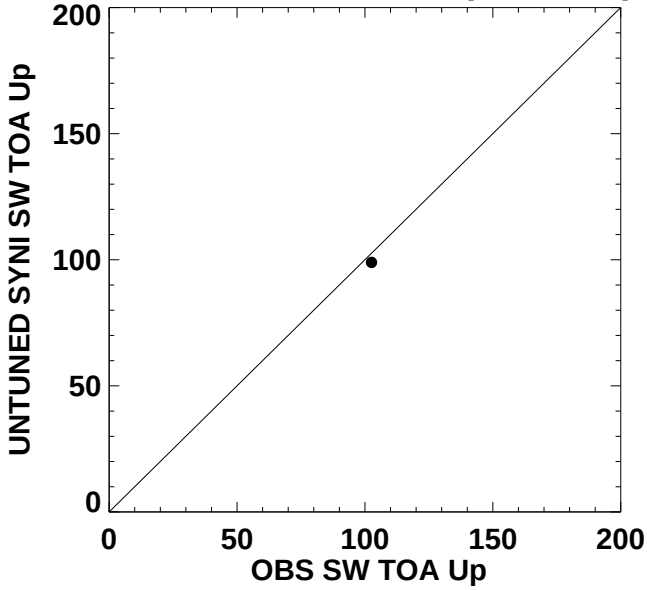
N= 364.	Mean	(StdDev)
OBS SW TOA Up	101.6(	52.04)
UNTUNED SYNI SW TOA Up	99.15(	52.11)
Y-X	-2.47(	7.02)
RMS(	7.44).....	

Untuned TOA SW UP(Monthly)



N= 12.	Mean	(StdDev)
OBS SW TOA Up	102.6(	29.00)
UNTUNED SYNI SW TOA Up	98.96(	27.26)
Y-X	-3.61(	3.18)
RMS(	4.72).....	

Untuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	102.6(	-999.0)
UNTUNED SYNI SW TOA Up	98.96(	-999.0)
Y-X	-3.61(	-999.0)
RMS(	-999.0).....	

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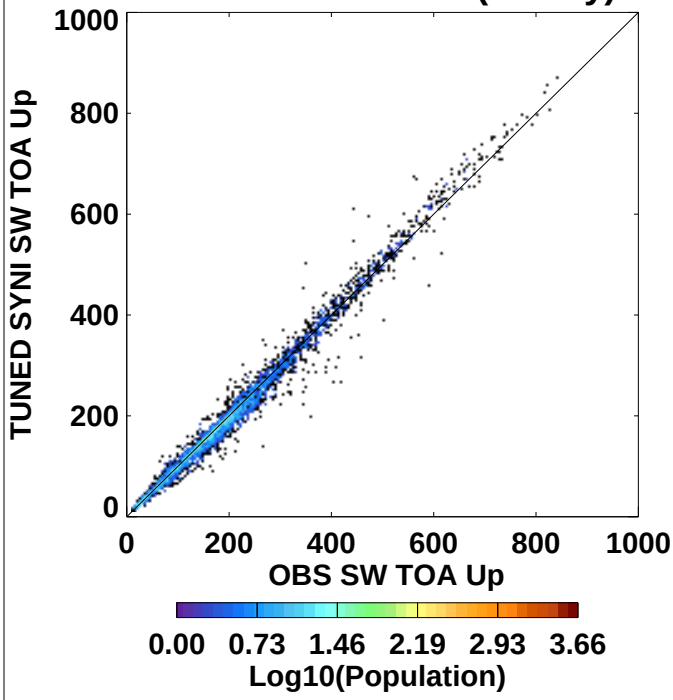
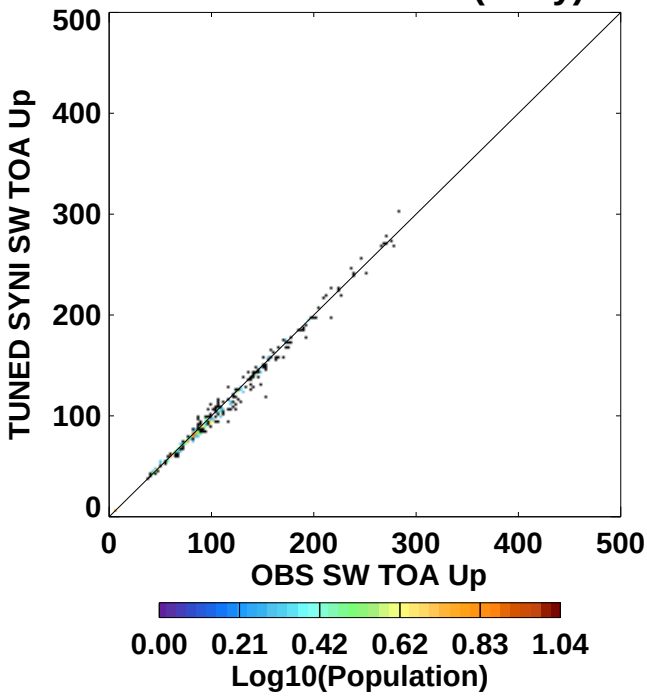
Tuned TOA SW UP(Hourly)



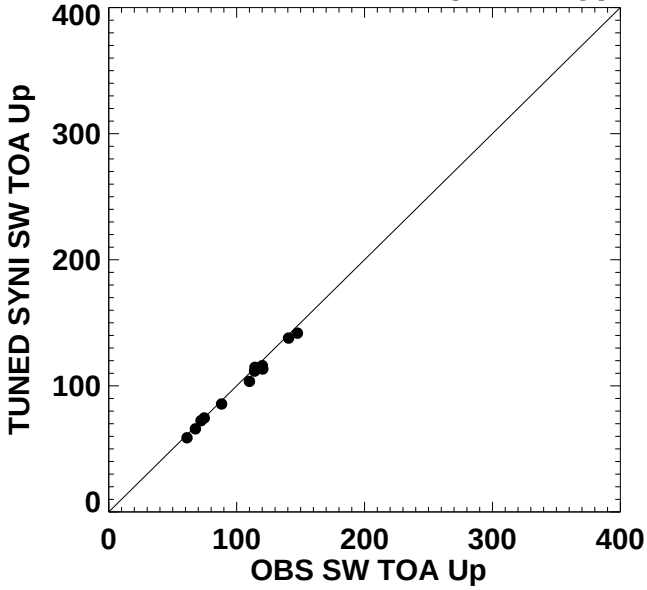
N= 8921.	Mean	(StdDev)
OBS SW TOA Up	102.4	(142.3)
TUNED SYNI SW TOA Up	100.8	(142.5)
Y-X	-1.61	(12.43)
RMS(	12.53).....	

Tuned TOA SW UP(Daily)



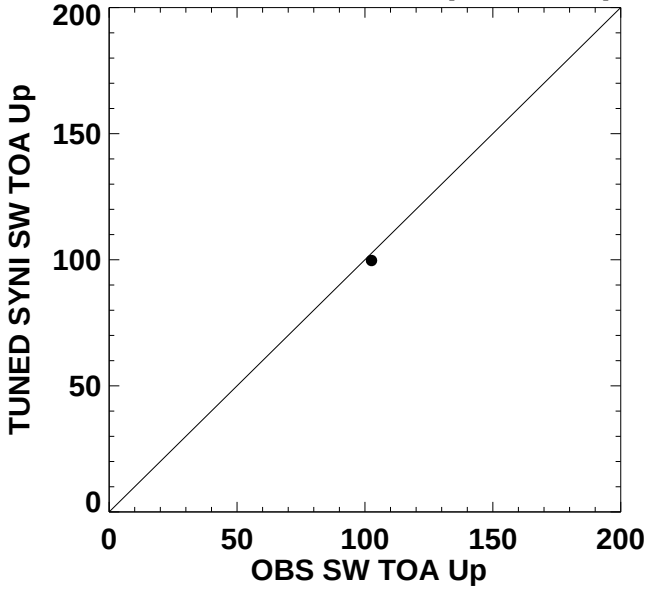
N= 365.	Mean	(StdDev)
OBS SW TOA Up	101.5	(51.99)
TUNED SYNI SW TOA Up	99.83	(52.06)
Y-X	-1.70	(5.06)
RMS(	5.34).....	

Tuned TOA SW UP(Monthly)



N= 12.	Mean	(StdDev)
OBS SW TOA Up	102.6	(29.00)
TUNED SYNI SW TOA Up	99.70	(27.73)
Y-X	-2.87	(2.51)
RMS(	3.74).....	

Tuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	102.6	(-999.0)
TUNED SYNI SW TOA Up	99.70	(-999.0)
Y-X	-2.87	(-999.0)
RMS(	-999.0).....	

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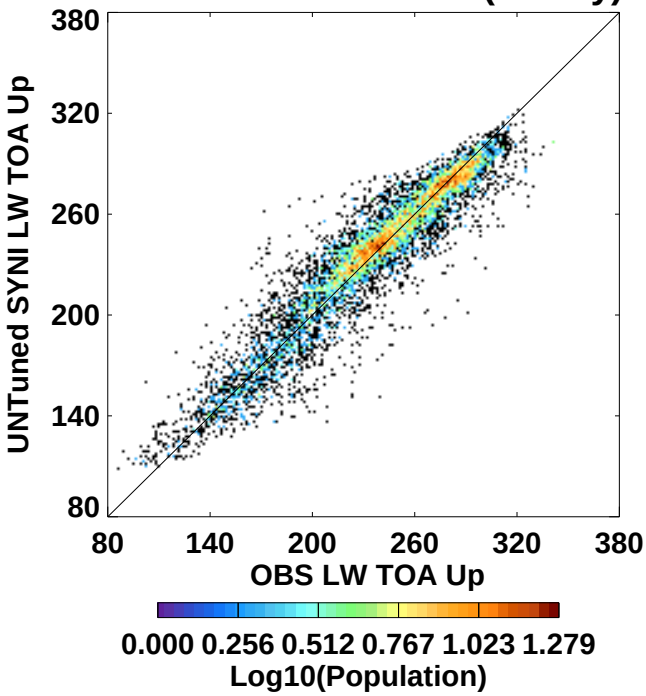
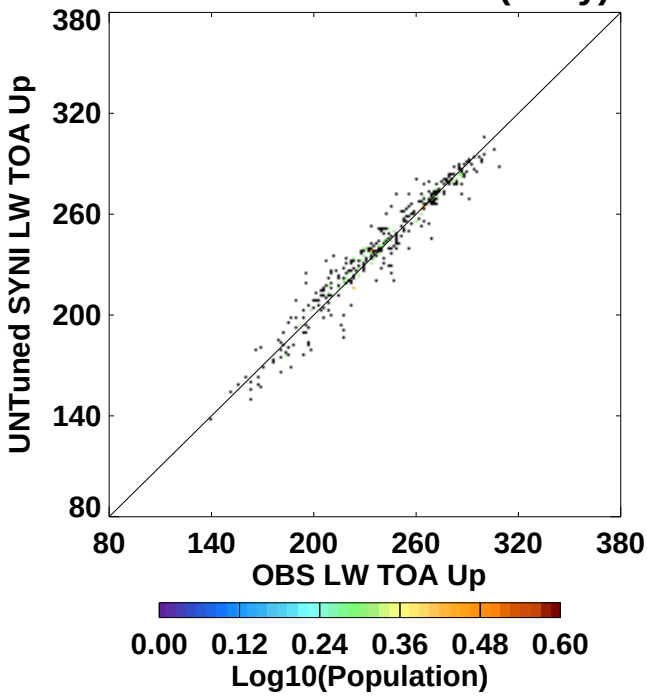
UNTuned TOA LW UP(Hourly)



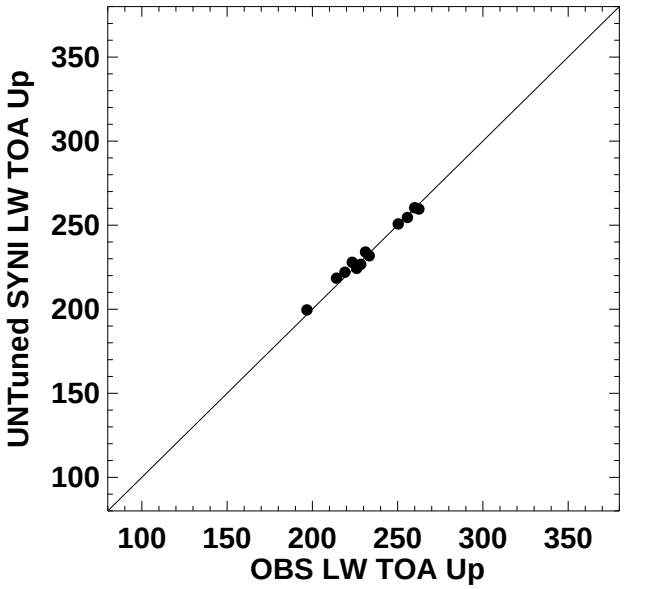
N= 8752.	Mean	(StdDev)
OBS LW TOA Up	237.2	(44.19)
UNTuned SYNI LW TOA Up	237.9	(42.62)
Y-X	0.742	(14.34)
RMS(	14.35).....	

UNTuned TOA LW UP(Daily)



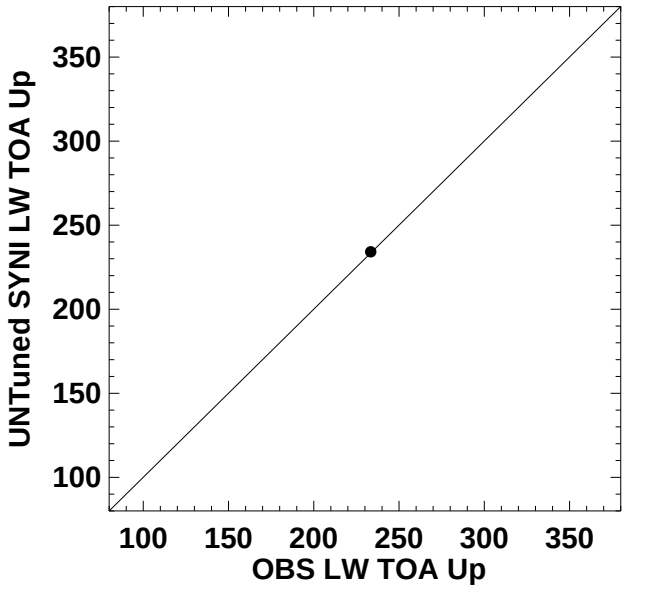
N= 357.	Mean	(StdDev)
OBS LW TOA Up	237.9	(34.58)
UNTuned SYNI LW TOA Up	238.7	(34.49)
Y-X	0.801	(8.33)
RMS(	8.36).....	

UNTuned TOA LW UP(Monthly)



N= 12.	Mean	(StdDev)
OBS LW TOA Up	233.4	(20.09)
UNTuned SYNI LW TOA Up	234.2	(18.62)
Y-X	0.782	(2.59)
RMS(	2.60).....	

UNTuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	233.4	(-999.0)
UNTuned SYNI LW TOA Up	234.2	(-999.0)
Y-X	0.782	(-999.0)
RMS(	-999.0).....	

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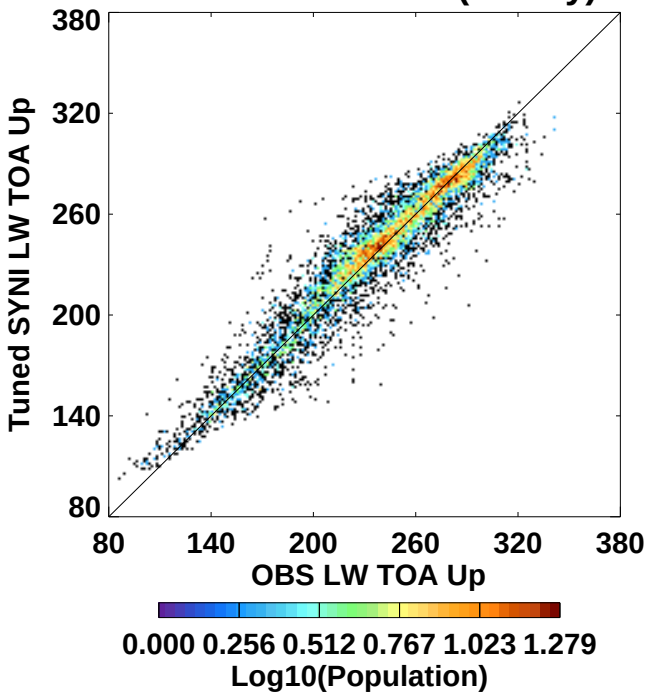
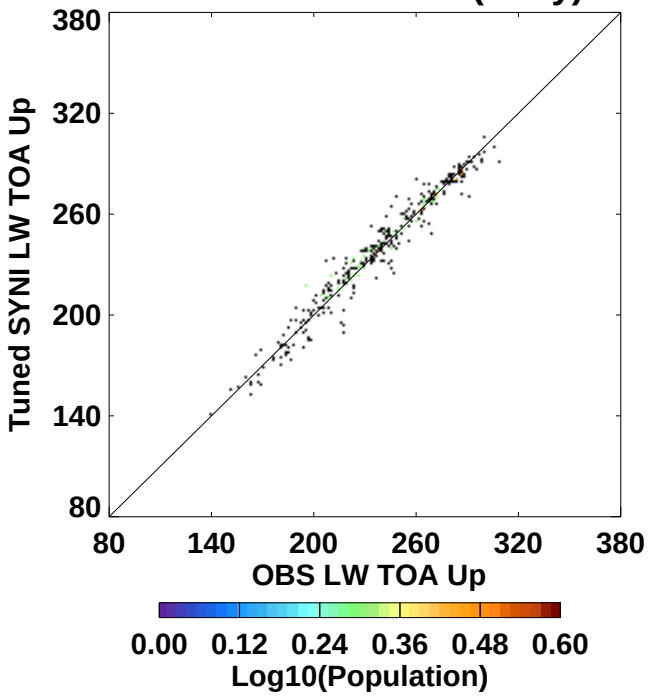
Tuned TOA LW UP(Hourly)



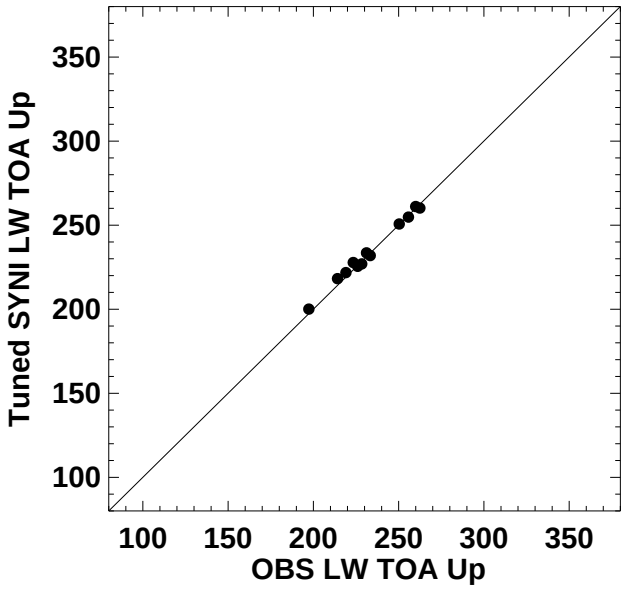
N= 8753.	Mean	(StdDev)
OBS LW TOA Up	237.2	(44.19)
Tuned SYNI LW TOA Up	238.1	(42.68)
Y-X	0.922	(12.61)
RMS(	12.64).....	

Tuned TOA LW UP(Daily)



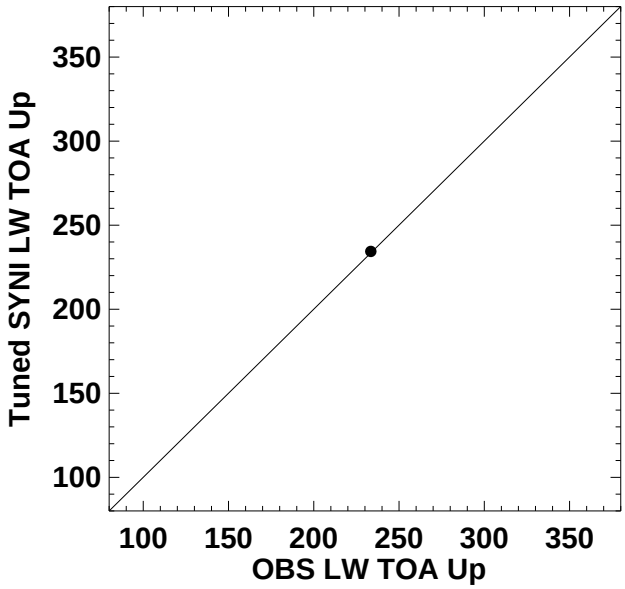
N= 358.	Mean	(StdDev)
OBS LW TOA Up	237.9	(34.56)
Tuned SYNI LW TOA Up	238.8	(34.42)
Y-X	0.965	(7.33)
RMS(	7.38).....	

Tuned TOA LW UP(Monthly)



N= 12.	Mean	(StdDev)
OBS LW TOA Up	233.4	(20.00)
Tuned SYNI LW TOA Up	234.4	(18.70)
Y-X	0.945	(2.28)
RMS(	2.38).....	

Tuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	233.4	(-999.0)
Tuned SYNI LW TOA Up	234.4	(-999.0)
Y-X	0.945	(-999.0)
RMS(	-999.0).....	

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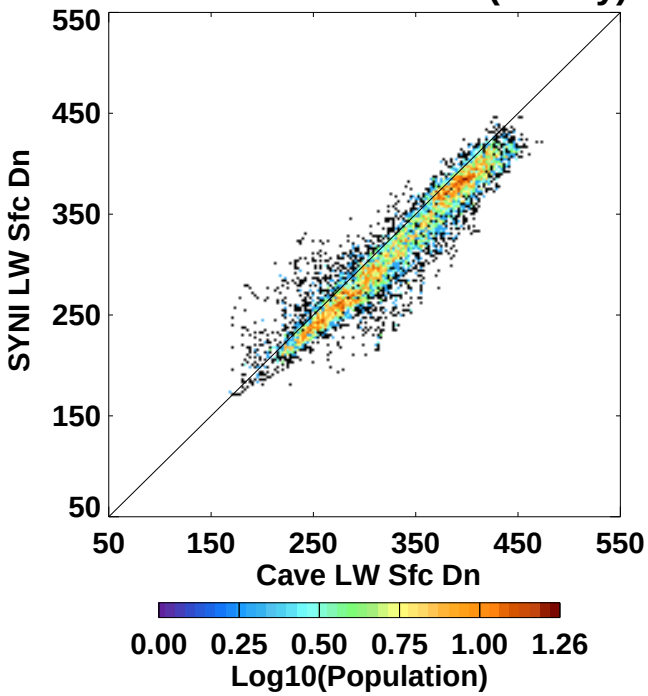
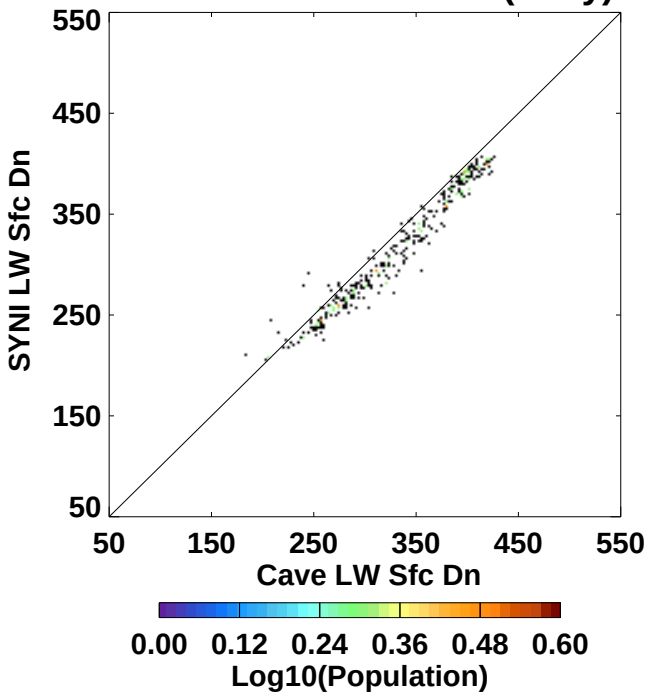
Tuned SFC LW DOWN(Hourly)



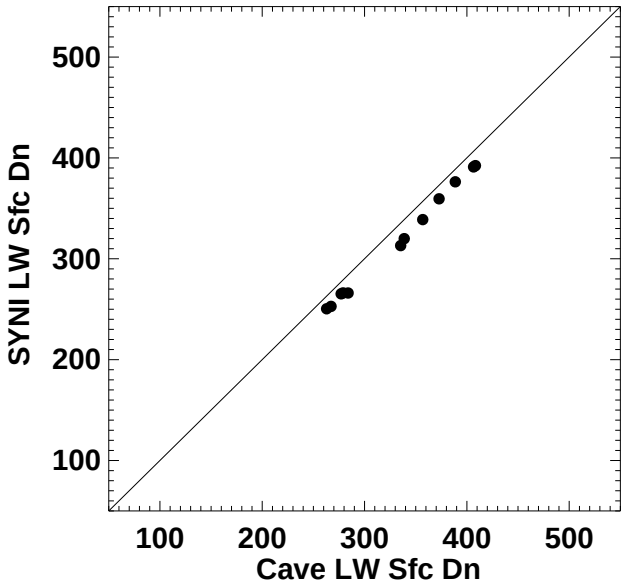
N= 8295.	Mean	(StdDev)
Cave LW Sfc Dn	331.6(	63.16)
SYNI LW Sfc Dn	316.0(	60.72)
Y-X	-15.51(	19.17)
RMS(	24.66).....	

Tuned SFC LW DOWN(Daily)



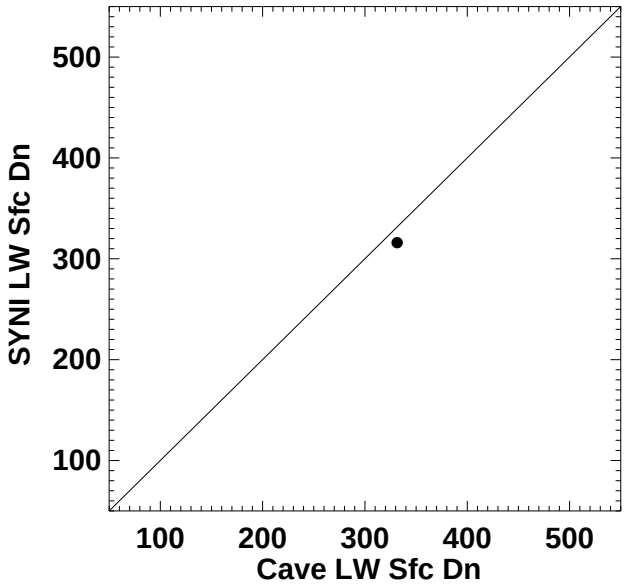
N= 337.	Mean	(StdDev)
Cave LW Sfc Dn	331.3(	59.77)
SYNI LW Sfc Dn	315.8(	57.88)
Y-X	-15.53(	12.07)
RMS(	19.66).....	

Tuned SFC LW DOWN(Monthly)



N= 12.	Mean	(StdDev)
Cave LW Sfc Dn	331.5(	55.62)
SYNI LW Sfc Dn	316.0(	55.08)
Y-X	-15.47(	3.21)
RMS(	15.78).....	

Tuned SFC LW DOWN(YEARLY)



N= 1.	Mean	(StdDev)
Cave LW Sfc Dn	331.5(	-999.0)
SYNI LW Sfc Dn	316.0(	-999.0)
Y-X	-15.47(	-999.0)
RMS(	-999.0).....	

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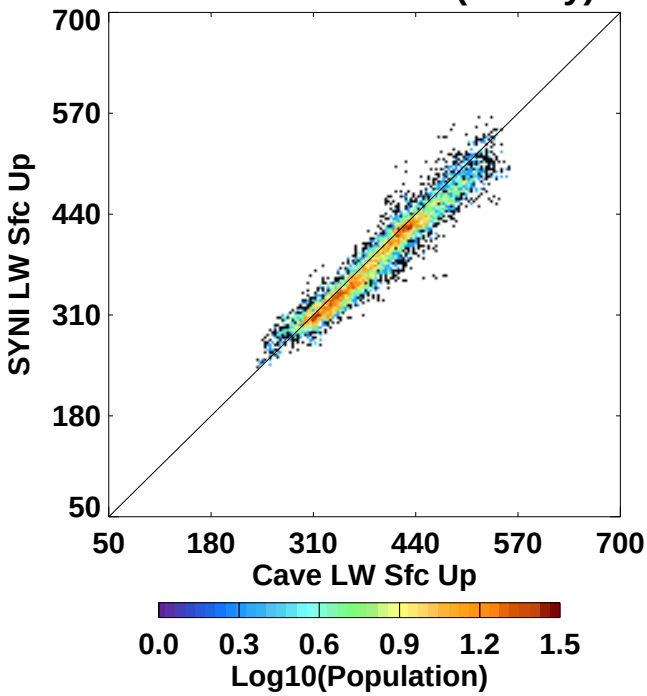
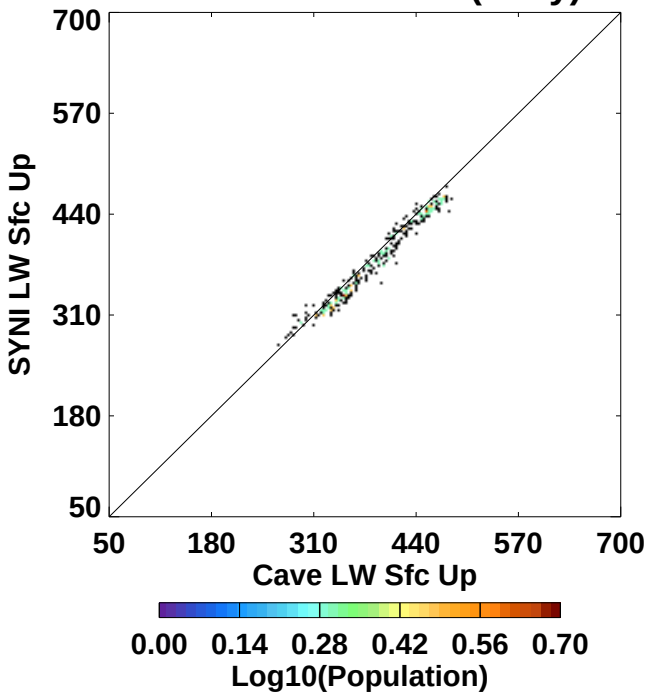
Tuned SFC LW UP(Hourly)



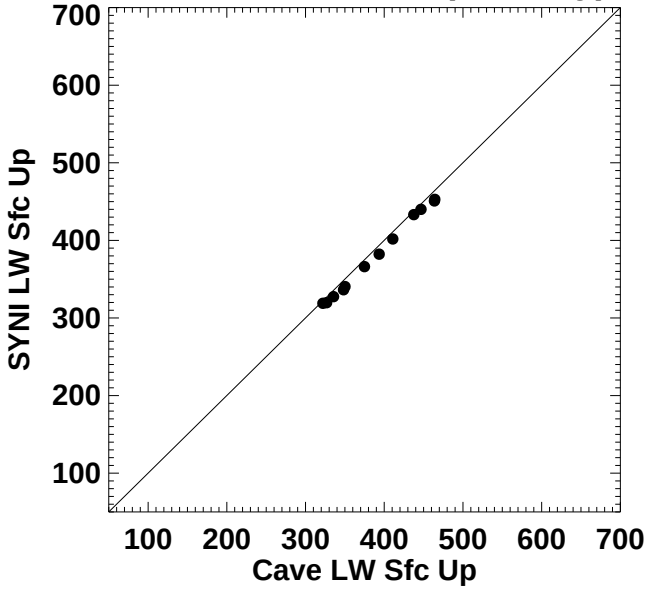
N= 8295.	Mean	(StdDev)
Cave LW Sfc Up	388.5(	64.08)
SYNI LW Sfc Up	380.0(	61.13)
Y-X	-8.54(	16.07)
RMS(	18.20).....	

Tuned SFC LW UP(Daily)



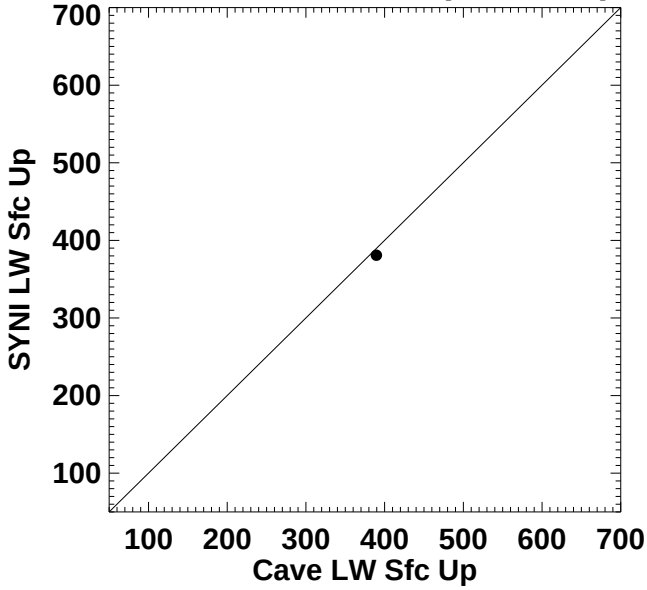
N= 337.	Mean	(StdDev)
Cave LW Sfc Up	388.9(	55.53)
SYNI LW Sfc Up	380.3(	53.73)
Y-X	-8.57(	9.49)
RMS(	12.78).....	

Tuned SFC LW UP(Monthly)



N= 12.	Mean	(StdDev)
Cave LW Sfc Up	389.5(	53.94)
SYNI LW Sfc Up	380.8(	53.12)
Y-X	-8.70(	3.01)
RMS(	9.16).....	

Tuned SFC LW UP(YEARLY)



N= 1.	Mean	(StdDev)
Cave LW Sfc Up	389.5(	-999.0)
SYNI LW Sfc Up	380.8(	-999.0)
Y-X	-8.70(	-999.0)
RMS(	-999.0).....	

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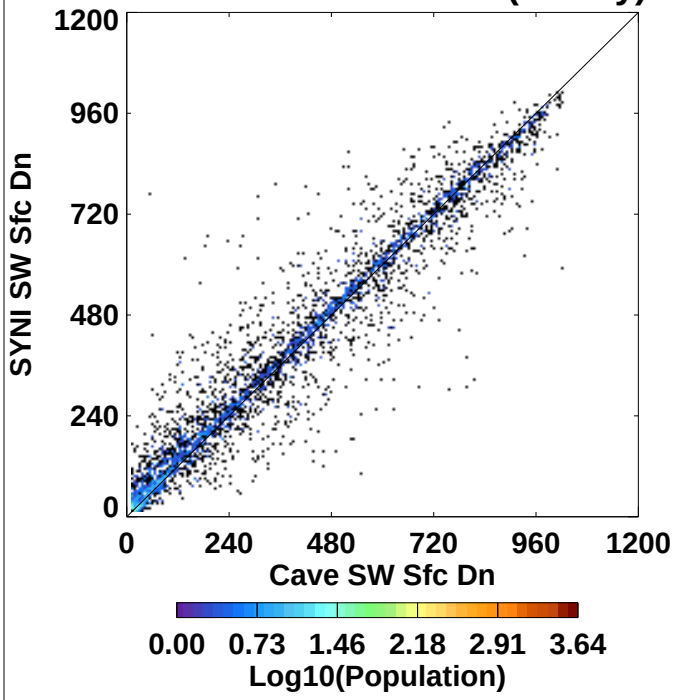
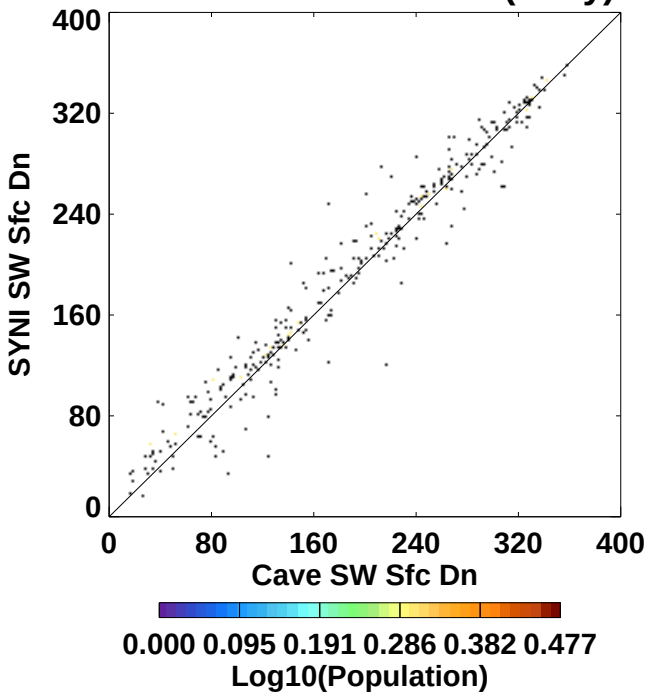
Tuned SFC SW DOWN(Hourly)



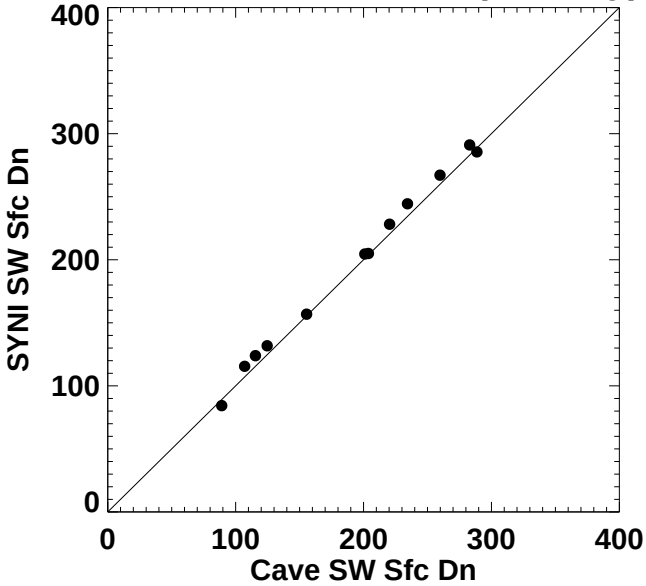
N= 8534.	Mean	(StdDev)
Cave SW Sfc Dn	181.5(	272.3)
SYNI SW Sfc Dn	186.0(	271.7)
Y-X	4.55(	52.89)
RMS(	53.09).....	

Tuned SFC SW DOWN(Daily)



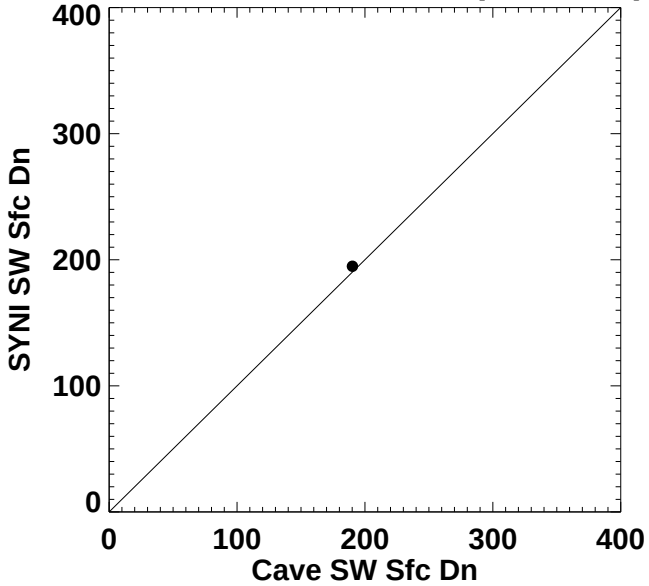
N= 338.	Mean	(StdDev)
Cave SW Sfc Dn	188.7(	91.88)
SYNI SW Sfc Dn	193.3(	90.46)
Y-X	4.61(	18.78)
RMS(	19.31).....	

Tuned SFC SW DOWN(Monthly)



N= 12.	Mean	(StdDev)
Cave SW Sfc Dn	190.2(	70.40)
SYNI SW Sfc Dn	194.9(	70.99)
Y-X	4.66(	4.93)
RMS(	6.63).....	

Tuned SFC SW DOWN(YEARLY)



N= 1.	Mean	(StdDev)
Cave SW Sfc Dn	190.2(	-999.0)
SYNI SW Sfc Dn	194.9(	-999.0)
Y-X	4.66(	-999.0)
RMS(	-999.0).....	

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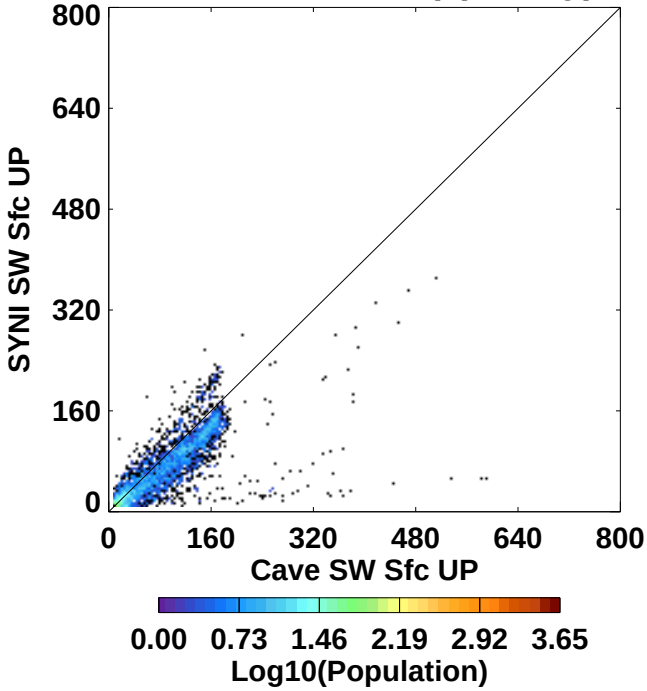
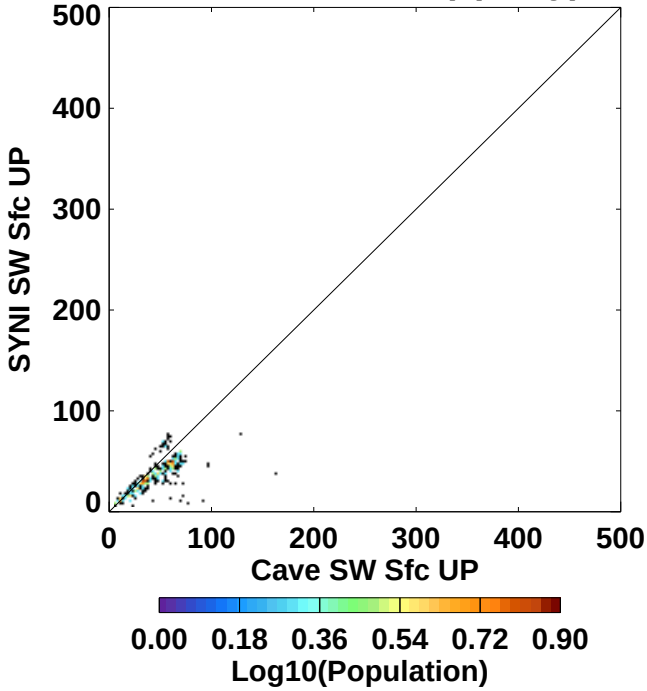
Tuned SFC SW Up(Hourly)



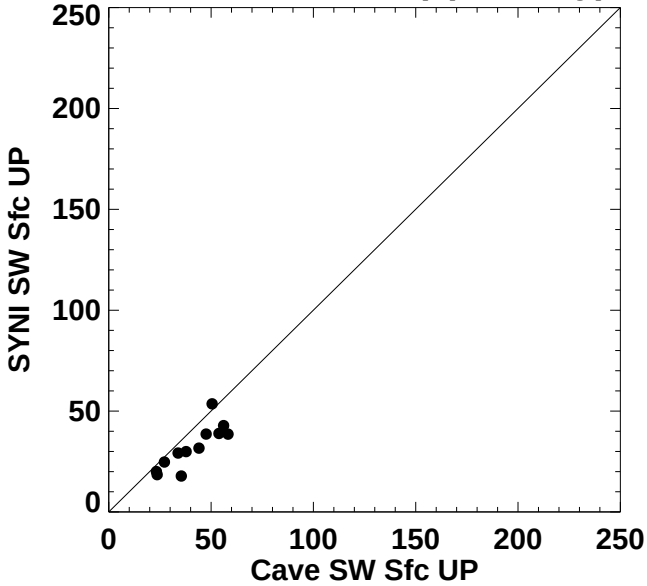
N= 8534.	Mean	(StdDev)
Cave SW Sfc UP	39.16(	58.67)
SYNI SW Sfc UP	30.52(	46.82)
Y-X	-8.64(	27.68)
RMS(	29.00).....	

Tuned SFC SW Up(Daily)



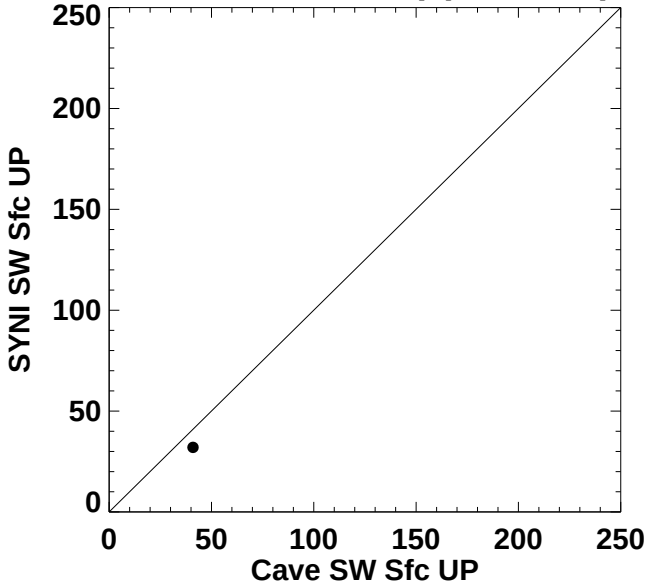
N= 338.	Mean	(StdDev)
Cave SW Sfc UP	40.72(	20.44)
SYNI SW Sfc UP	31.70(	15.49)
Y-X	-9.02(	14.05)
RMS(	16.68).....	

Tuned SFC SW Up(Monthly)



N= 12.	Mean	(StdDev)
Cave SW Sfc UP	40.97(	12.55)
SYNI SW Sfc UP	32.03(	10.91)
Y-X	-8.94(	6.82)
RMS(	11.08).....	

Tuned SFC SW Up(YEARLY)



N= 1.	Mean	(StdDev)
Cave SW Sfc UP	40.97(	-999.0)
SYNI SW Sfc UP	32.03(	-999.0)
Y-X	-8.94(	-999.0)
RMS(	-999.0).....	

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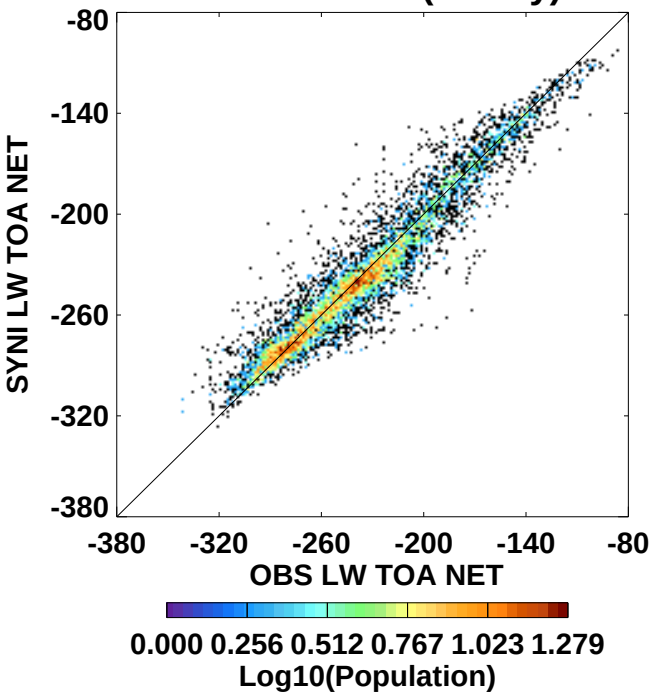
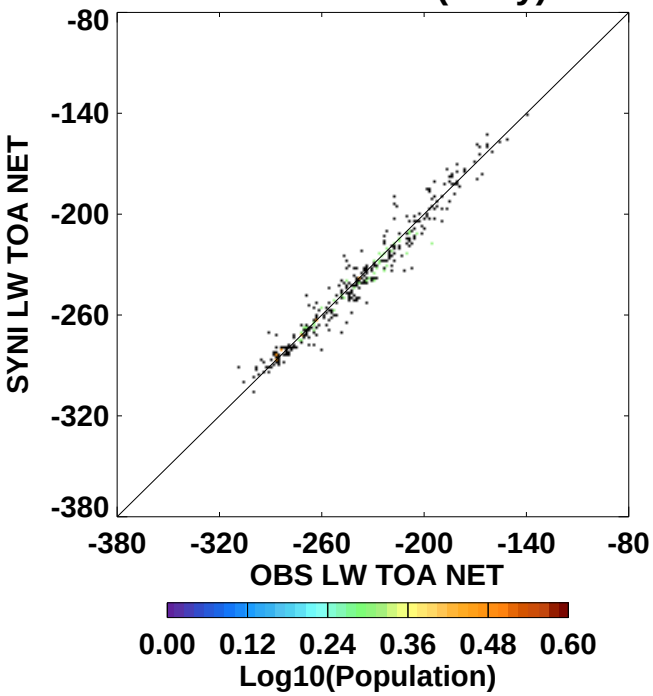
TOA LW NET(Hourly)



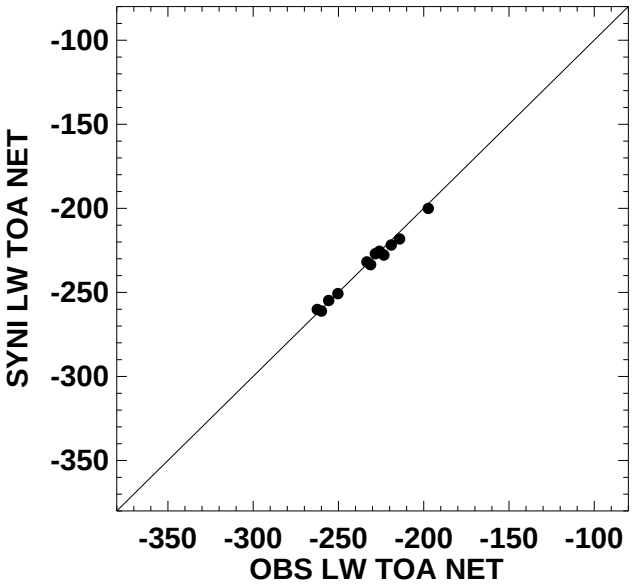
N= 8753.	Mean	(StdDev)
OBS LW TOA NET	-237.2(	44.19)
SYNI LW TOA NET	-238.1(	42.68)
Y-X	-0.922(	12.61)
RMS(	12.64).....	

TOA LW NET(Daily)



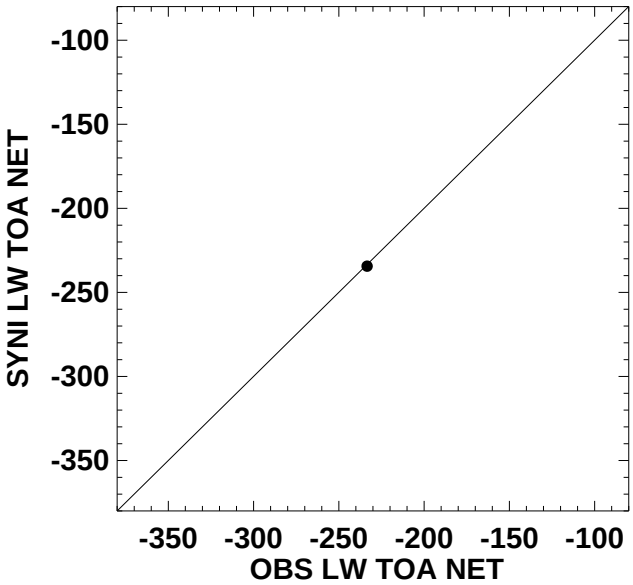
N= 358.	Mean	(StdDev)
OBS LW TOA NET	-237.9(	34.56)
SYNI LW TOA NET	-238.8(	34.42)
Y-X	-0.965(	7.33)
RMS(	7.38).....	

TOA LW NET(Monthly)



N= 12.	Mean	(StdDev)
OBS LW TOA NET	-233.4(	20.00)
SYNI LW TOA NET	-234.4(	18.70)
Y-X	-0.945(	2.28)
RMS(	2.38).....	

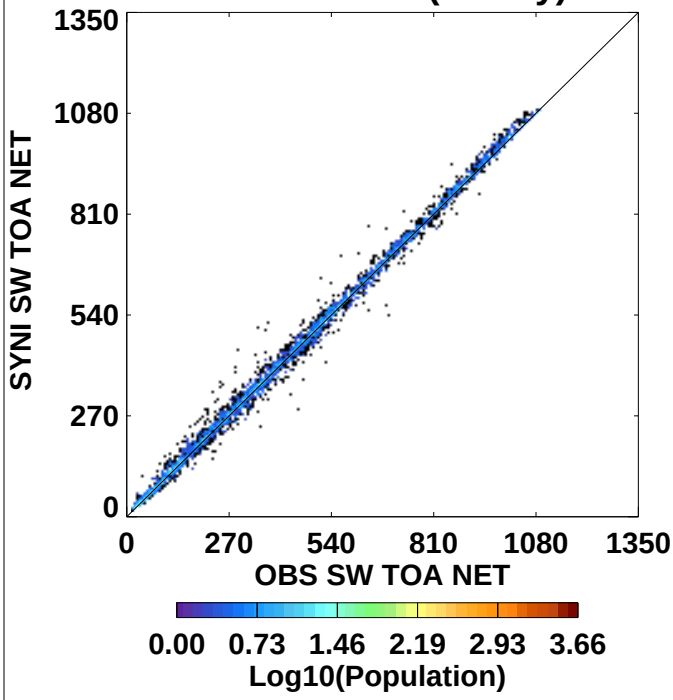
TOA LW NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA NET	-233.4(	-999.0)
SYNI LW TOA NET	-234.4(	-999.0)
Y-X	-0.945(	-999.0)
RMS(	-999.0).....	

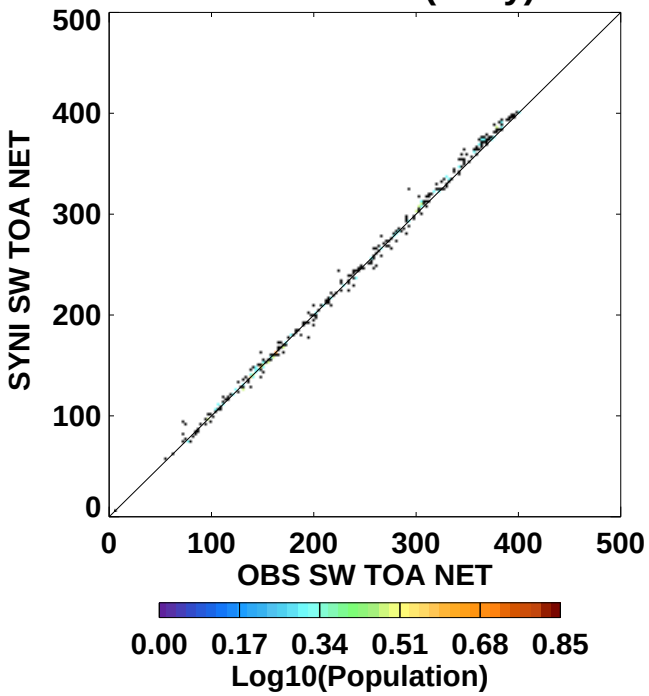
SYNI Beta3 Year 2002: 90 Site Spatial Subset (aka STS) E09

SW TOA NET(Hourly)



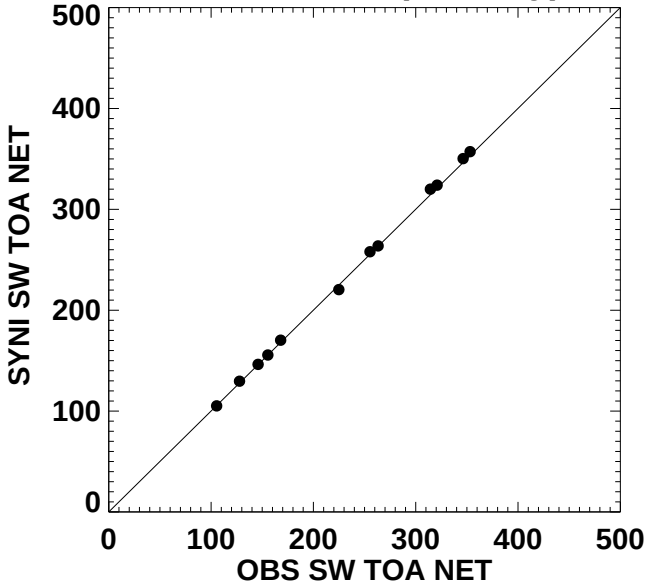
N= 8920.	Mean	(StdDev)
OBS SW TOA NET	230.5	(312.3)
SYNI SW TOA NET	232.1	(314.0)
Y-X	1.61	(12.42)
RMS(	12.53).....	

SW TOA NET(Daily)



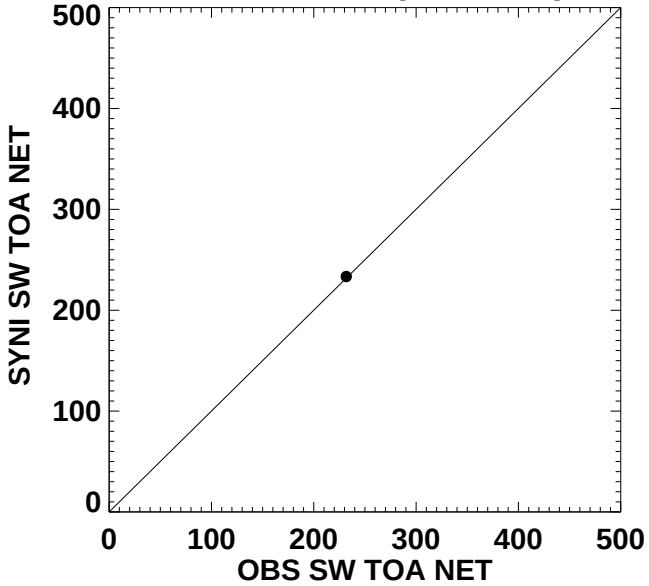
N= 365.	Mean	(StdDev)
OBS SW TOA NET	231.6	(101.8)
SYNI SW TOA NET	233.3	(103.5)
Y-X	1.70	(5.06)
RMS(	5.34).....	

SW TOA NET(Monthly)



N= 12.	Mean	(StdDev)
OBS SW TOA NET	231.7	(89.56)
SYNI SW TOA NET	233.4	(91.07)
Y-X	1.67	(2.64)
RMS(	3.03).....	

SW TOA NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA NET	231.7	(-999.0)
SYNI SW TOA NET	233.4	(-999.0)
Y-X	1.67	(-999.0)
RMS(	-999.0).....	

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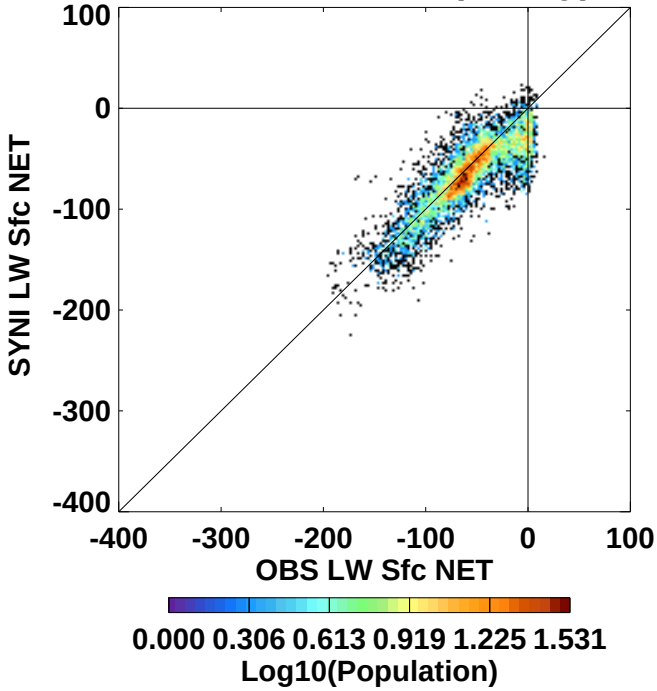
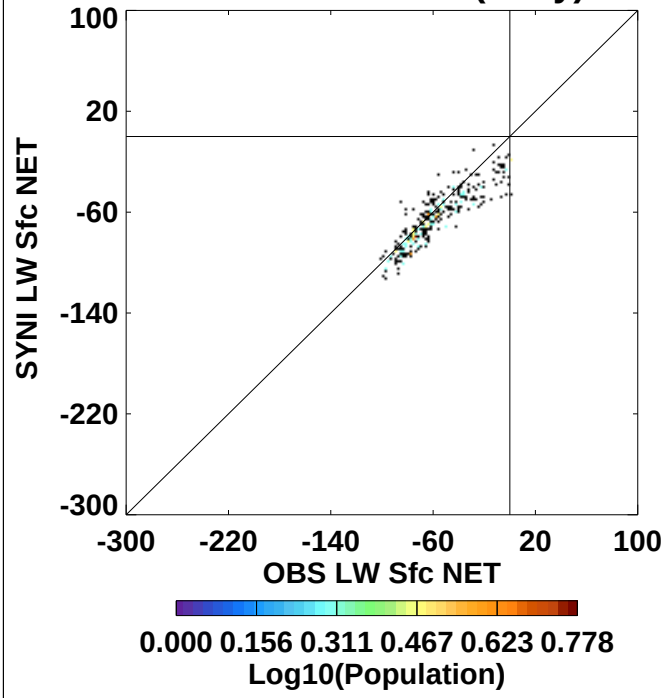
LW Surface NET(Hourly)



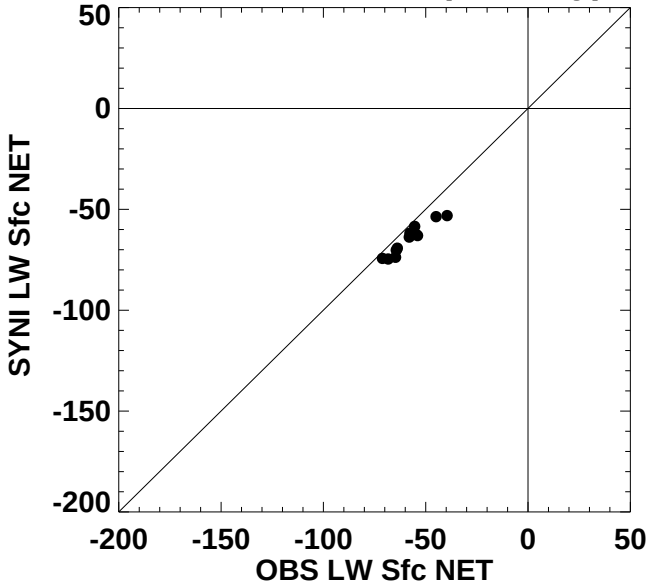
N= 8295.	Mean	(StdDev)
OBS LW Sfc NET	-56.95(	37.04)
SYNI LW Sfc NET	-63.93(	34.66)
Y-X	-6.97(	20.06)
RMS(	21.24).....	

LW Surface NET(Daily)



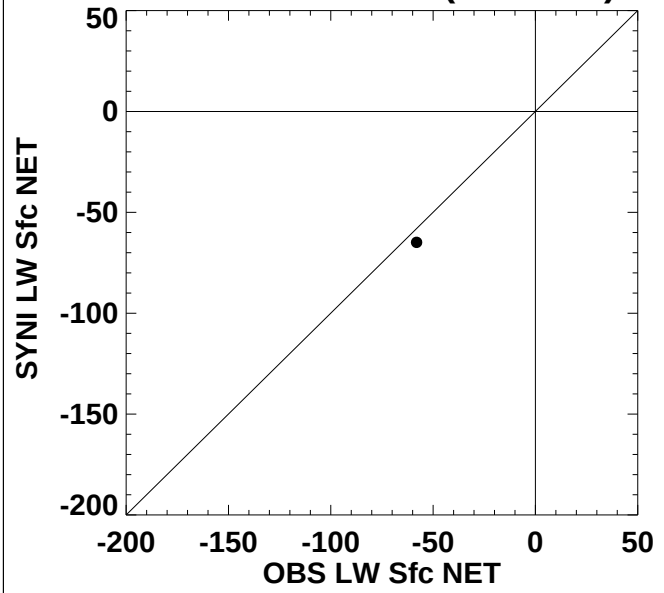
N= 337.	Mean	(StdDev)
OBS LW Sfc NET	-57.62(	24.73)
SYNI LW Sfc NET	-64.58(	21.80)
Y-X	-6.96(	10.99)
RMS(	13.00).....	

LW Surface NET(Monthly)



N= 12.	Mean	(StdDev)
OBS LW Sfc NET	-58.08(	9.27)
SYNI LW Sfc NET	-64.85(	7.61)
Y-X	-6.78(	2.99)
RMS(	7.35).....	

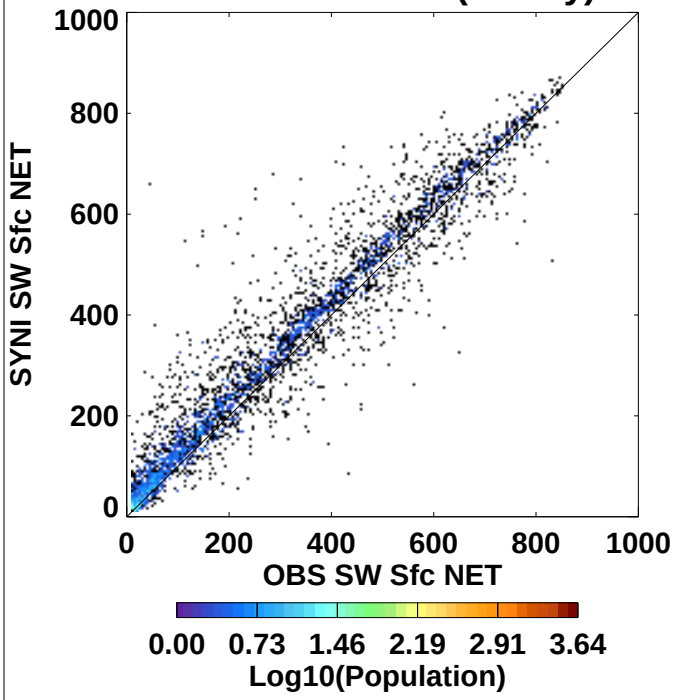
LW Surface NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW Sfc NET	-58.08(	-999.0)
SYNI LW Sfc NET	-64.85(	-999.0)
Y-X	-6.78(	-999.0)
RMS(	-999.0).....	

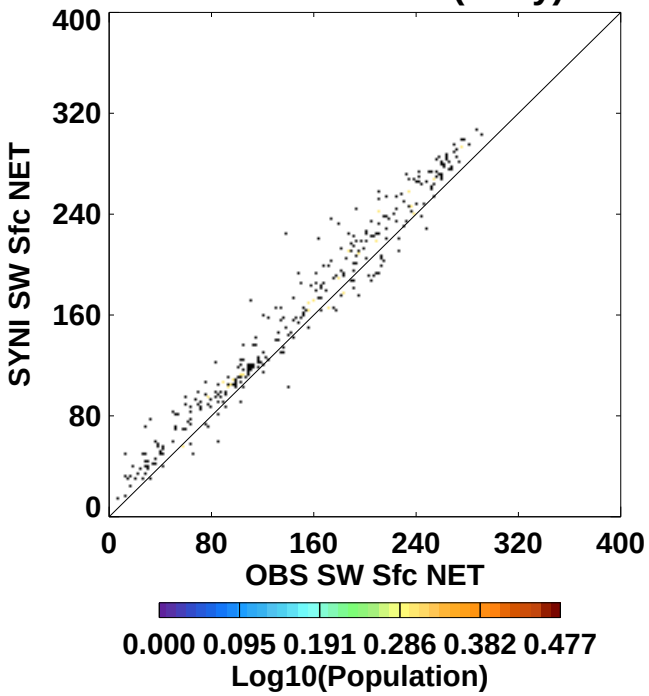
SYNI Beta3 Year 2002: 90 Site Spatial Subset (aka STS) E09

SW Surface NET(Hourly)



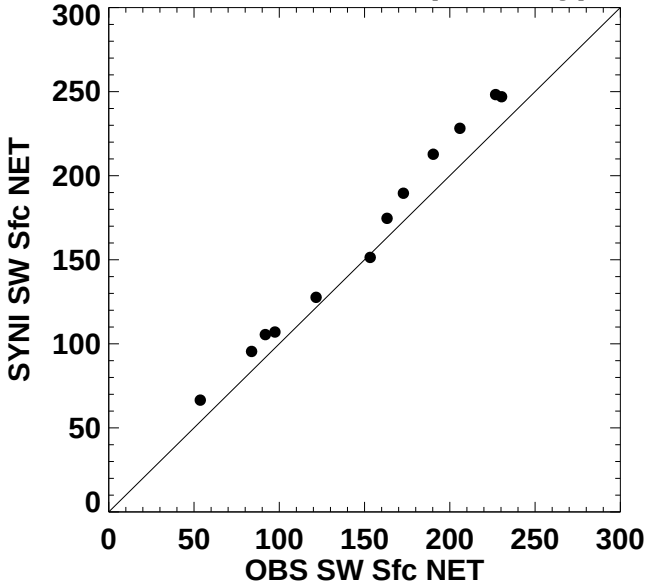
N= 8534.	Mean	(StdDev)
OBS SW Sfc NET	142.3(	218.7)
SYNI SW Sfc NET	155.5(	227.8)
Y-X	13.19(	43.39)
RMS(	45.35).....	

SW Surface NET(Daily)



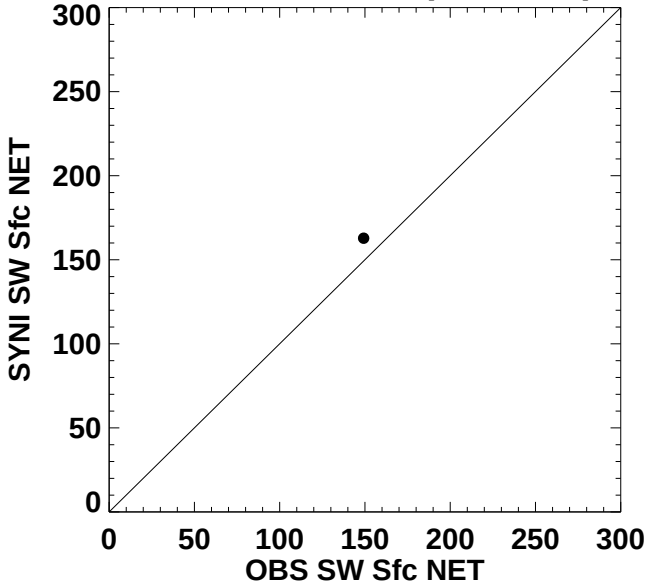
N= 338.	Mean	(StdDev)
OBS SW Sfc NET	148.0(	76.10)
SYNI SW Sfc NET	161.6(	77.97)
Y-X	13.63(	14.44)
RMS(	19.84).....	

SW Surface NET(Monthly)



N= 12.	Mean	(StdDev)
OBS SW Sfc NET	149.2(	59.11)
SYNI SW Sfc NET	162.8(	62.95)
Y-X	13.60(	7.11)
RMS(	15.21).....	

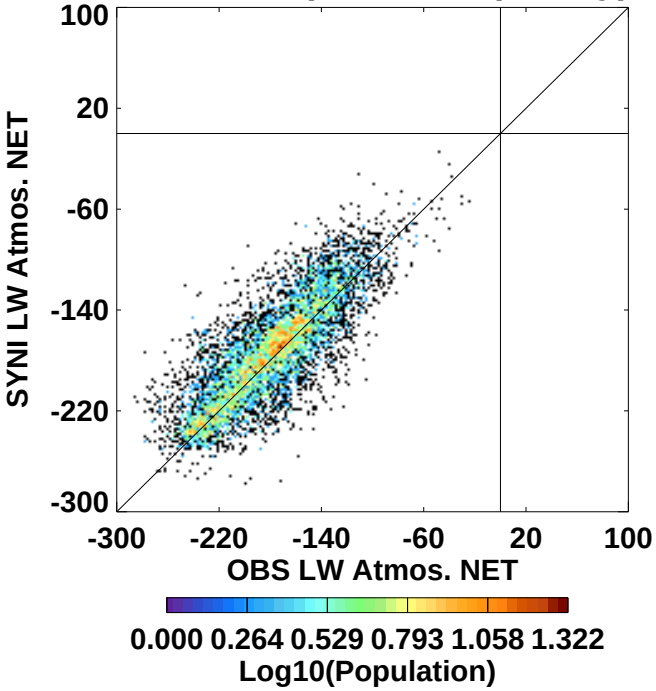
SW Surface NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW Sfc NET	149.2(	-999.0)
SYNI SW Sfc NET	162.8(	-999.0)
Y-X	13.60(	-999.0)
RMS(	-999.0).....	

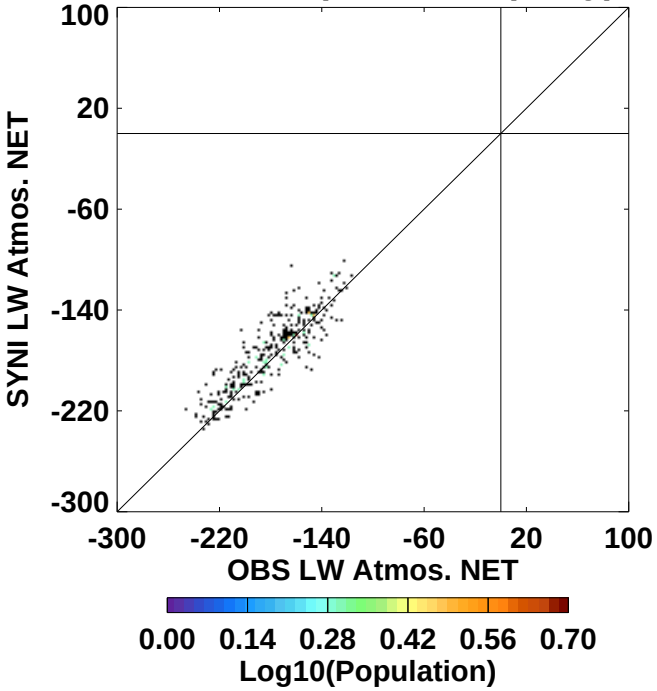
SYNI Beta3 Year 2002: 90 Site Spatial Subset (aka STS) E09

LW Atmosphere NET(Hourly)



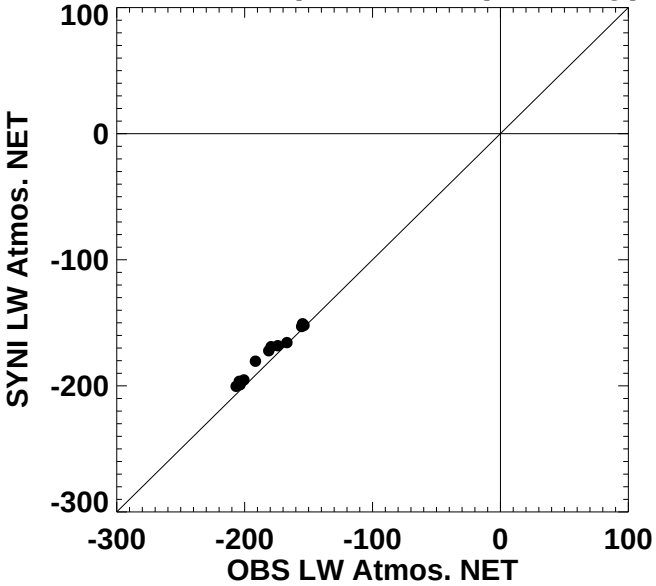
N= 8295.	Mean	(StdDev)
OBS LW Atmos. NET	-180.8(	39.31)
SYNI LW Atmos. NET	-174.8(	40.81)
Y-X	6.07(	23.90)
RMS(	24.65).....	

LW Atmosphere NET(Daily)



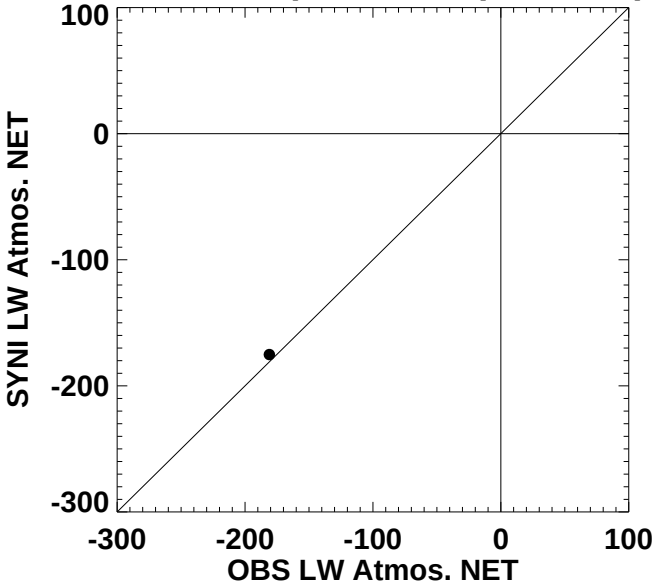
N= 337.	Mean	(StdDev)
OBS LW Atmos. NET	-181.2(	29.65)
SYNI LW Atmos. NET	-175.2(	29.66)
Y-X	6.01(	14.38)
RMS(	15.57).....	

LW Atmosphere NET(Monthly)



N= 12.	Mean	(StdDev)
OBS LW Atmos. NET	-181.0(	20.34)
SYNI LW Atmos. NET	-175.2(	18.84)
Y-X	5.83(	3.29)
RMS(	6.62).....	

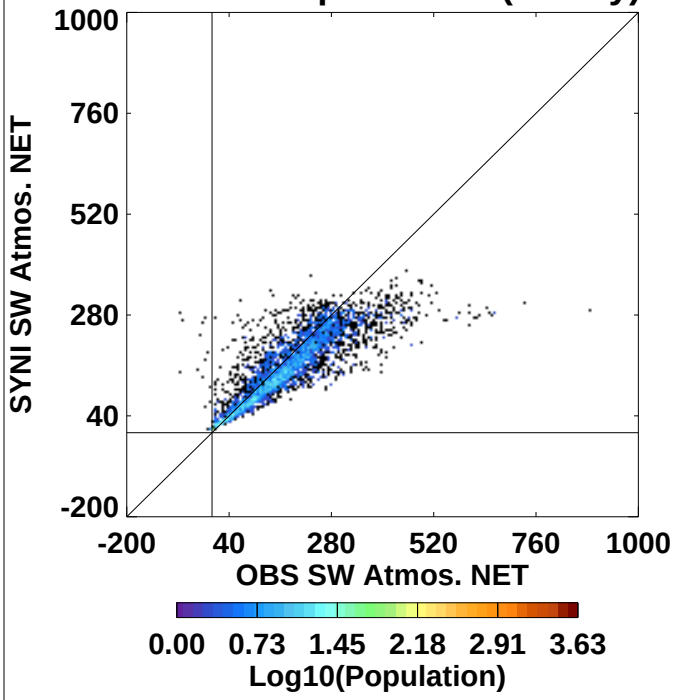
LW Atmosphere NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW Atmos. NET	-181.0(	-999.0)
SYNI LW Atmos. NET	-175.2(	-999.0)
Y-X	5.83(	-999.0)
RMS(	-999.0).....	

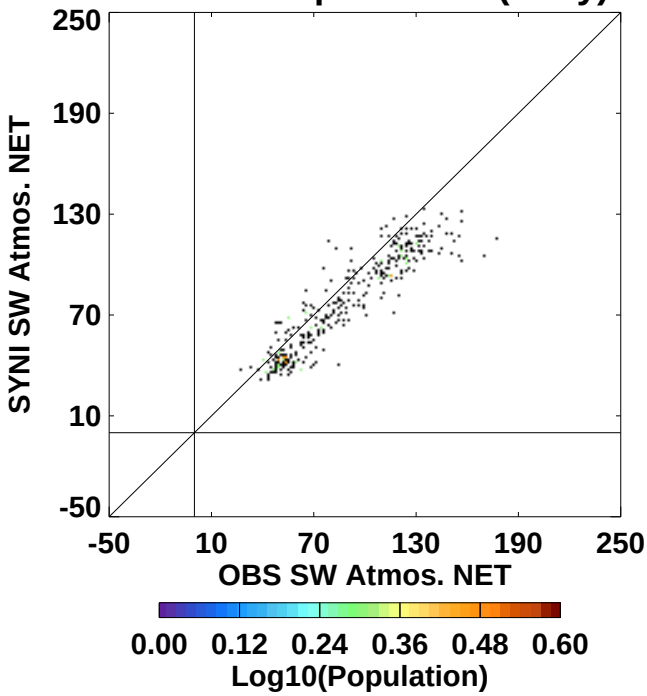
SYNI Beta3 Year 2002: 90 Site Spatial Subset (aka STS) E09

SW Atmosphere NET(Hourly)



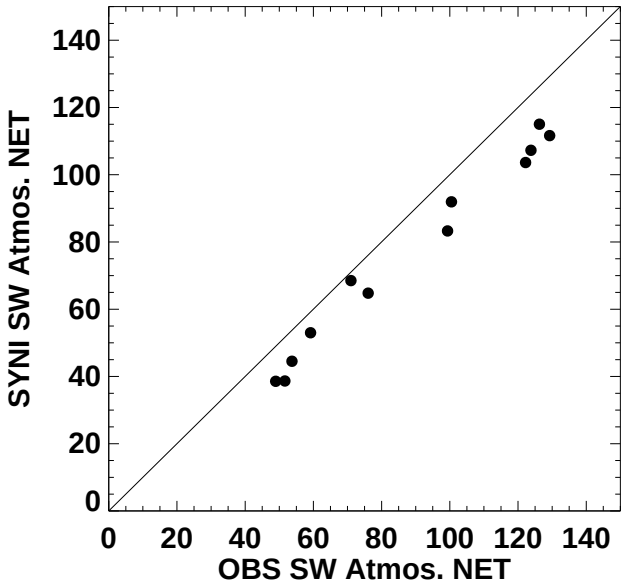
N= 8534.	Mean	(StdDev)
OBS SW Atmos. NET	85.86(	114.6)
SYNI SW Atmos. NET	74.45(	94.21)
Y-X	-11.41(	42.58)
RMS(	44.08).....	

SW Atmosphere NET(Daily)



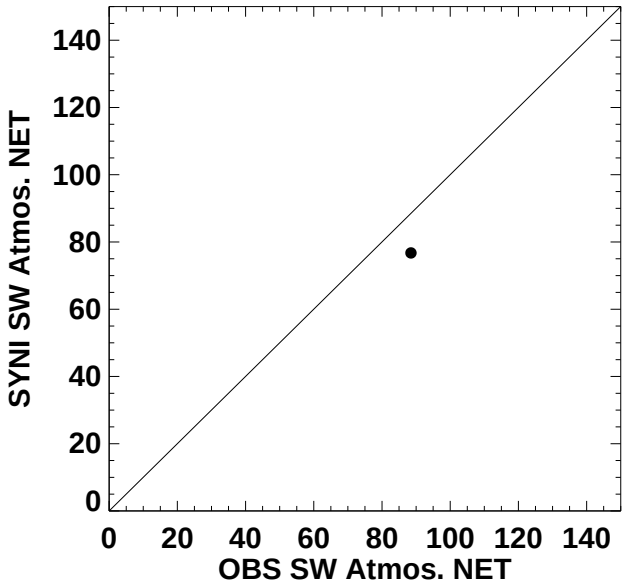
N= 338.	Mean	(StdDev)
OBS SW Atmos. NET	88.38(	33.59)
SYNI SW Atmos. NET	76.64(	29.13)
Y-X	-11.74(	12.90)
RMS(	17.43).....	

SW Atmosphere NET(Monthly)



N= 12.	Mean	(StdDev)
OBS SW Atmos. NET	88.49(	31.89)
SYNI SW Atmos. NET	76.73(	29.12)
Y-X	-11.75(	4.86)
RMS(	12.64).....	

SW Atmosphere NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW Atmos. NET	88.49(	-999.0)
SYNI SW Atmos. NET	76.73(	-999.0)
Y-X	-11.75(	-999.0)
RMS(	-999.0).....	

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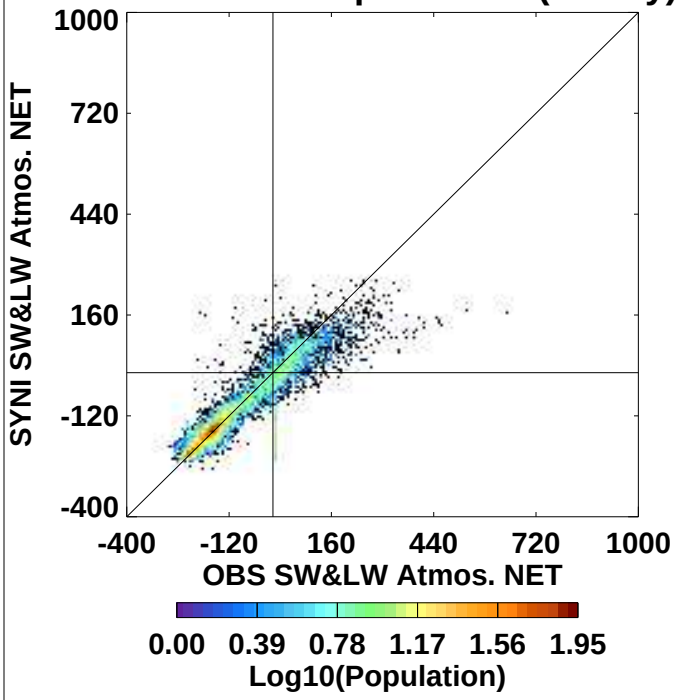
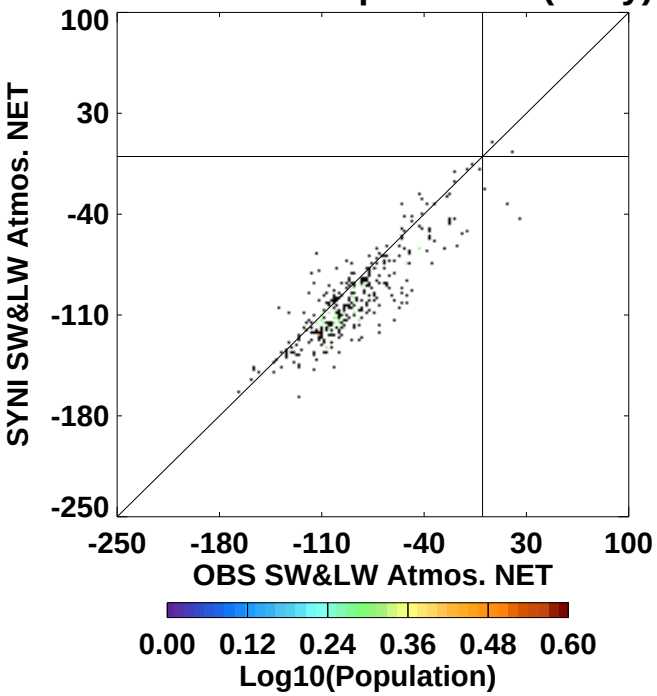
SW&LW Atmosphere NET(Hourly)



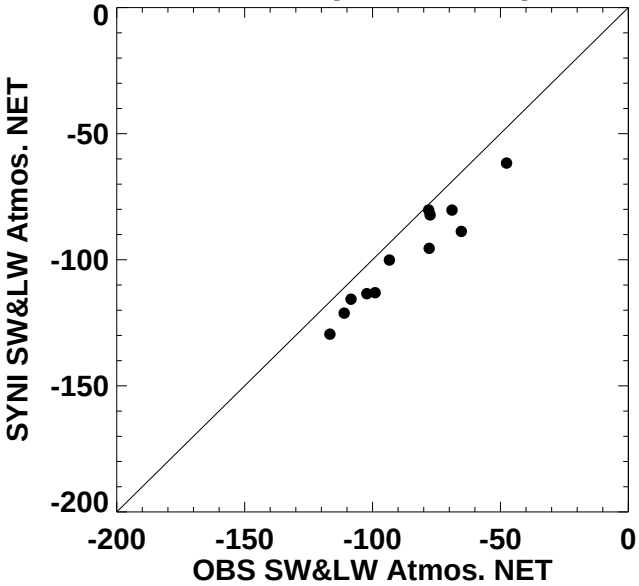
N= 8295.	Mean	(StdDev)
OBS SW&LW Atmos. NET	-87.17(	123.5)
SYNI SW&LW Atmos. NET	-98.23(	107.9)
Y-X	-11.06(	52.14)
RMS(	53.30).....	

SW&LW Atmosphere NET(Daily)



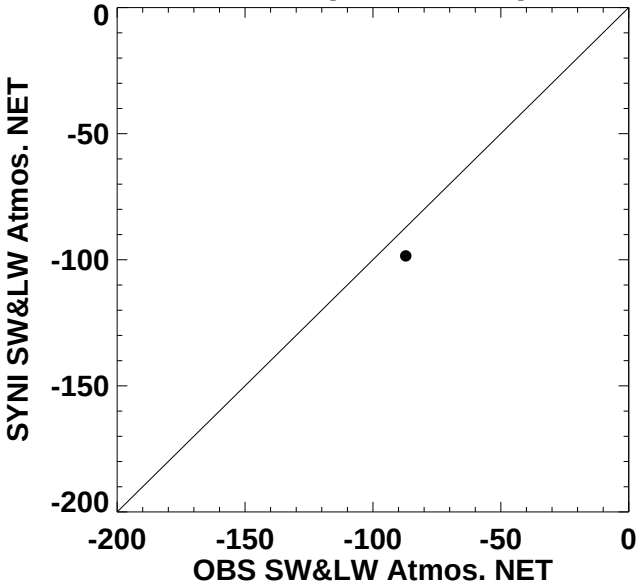
N= 337.	Mean	(StdDev)
OBS SW&LW Atmos. NET	-87.31(	32.25)
SYNI SW&LW Atmos. NET	-98.46(	30.96)
Y-X	-11.15(	15.95)
RMS(	19.44).....	

SW&LW Atmosphere NET(Monthly)



N= 12.	Mean	(StdDev)
OBS SW&LW Atmos. NET	-87.18(	21.19)
SYNI SW&LW Atmos. NET	-98.46(	20.45)
Y-X	-11.28(	5.80)
RMS(	12.58).....	

SW&LW Atmosphere NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW&LW Atmos. NET	-87.18(	-999.0)
SYNI SW&LW Atmos. NET	-98.46(	-999.0)
Y-X	-11.28(	-999.0)
RMS(	-999.0).....	