Table S1. Zircon U-Pb ages of the Mozbaysay hornblende gabbro.

Sample-Spot	Th	U	Th/U	Isotopic ratios						Isotopic ages(Ma)						Concordance
	ppm	ppm		$^{207}Pb/^{206}Pb$	± 1σ	$^{207}Pb/^{235}U$	± 1σ	$^{206}Pb/^{238}U$	± 1σ	$^{207}Pb/^{206}Pb$	± 1σ	$^{207}Pb/^{235}U$	± 1σ	$^{206}Pb/^{238}U$	± 1σ	
BLK008TW1.01	1572	982	1.60	0.0531	0.0011	0.3749	0.0084	0.0511	0.0006	345	51	323	6	321	4	99%
BLK008TW1.02	1229	1045	1.18	0.0529	0.0010	0.3544	0.0081	0.0485	0.0007	324	41	308	6	305	4	99%
BLK008TW1.03	~~1754~~	~~1082~~	1.62	~~0.1275~~	~~0.0099~~	~~1.0578~~	~~0.1007~~	~~0.0567~~	~~0.0013~~	~~2065~~	~~137~~		~~49.7~~		~~7.9~~	~~30%~~
BLK008TW1.04	3719	2098	1.77	0.0548	0.0009	0.3798	0.0072	0.0502	0.0006	406	37	327	5	315	3	96%
BLK008TW1.05	2723	1083	2.52	0.0530	0.0010	0.3550	0.0078	0.0486	0.0007	328	44	308	6	306	4	99%
BLK008TW1.06	1343	675	1.99	0.0548	0.0014	0.3892	0.0107	0.0515	0.0008	406	57	334	8	324	5	96%
BLK008TW1.07	1185	737	1.61	0.0561	0.0012	0.3758	0.0098	0.0486	0.0007	454	48	324	7	306	5	94%
BLK008TW1.08	1120	1096	1.02	0.0579	0.0022	0.3928	0.0189	0.0486	0.0008	528	83	336	14	306	5	90%
BLK008TW1.09	645	635	1.01	0.0539	0.0015	0.3605	0.0112	0.0485	0.0008	369	61	313	8	306	5	97%
BLK008TW1.10	998	341	2.93	0.0579	0.0017	0.4044	0.0123	0.0508	0.0008	528	65	345	9	319	5	92%
BLK008TW1.11	1449	1572	0.92	0.0529	0.0009	0.3766	0.0081	0.0516	0.0007	324	39	325	6	324	4	99%
BLK008TW1.12	1394	587	2.37	0.0511	0.0013	0.3608	0.0095	0.0513	0.0007	256	57	313	7	322	4	96%
BLK008TW1.13	987	998	0.99	0.0538	0.0011	0.3791	0.0078	0.0511	0.0006	365	46	326	6	322	4	98%
BLK008TW1.14	2749	1948	1.41	0.0527	0.0008	0.3535	0.0068	0.0486	0.0007	317	33	307	5	306	4	99%
BLK008TW1.15	2059	1385	1.49	0.0515	0.0010	0.3454	0.0079	0.0487	0.0007	265	43	301	6	306	4	98%
BLK008TW1.16	2681	1544	1.74	0.0515	0.0010	0.3444	0.0077	0.0486	0.0006	261	44	300	6	306	4	98%
BLK008TW1.17	701	238	2.95	0.0530	0.0020	0.3538	0.0135	0.0486	0.0008	328	85	308	10	306	5	99%
BLK008TW1.18	1038	916	1.13	0.0493	0.0011	0.3624	0.0093	0.0533	0.0006	165	54	314	7	334	4	93%
BLK008TW1.19	1231	502	2.45	0.0528	0.0018	0.3725	0.0140	0.0510	0.0007	320	78	321	10	321	4	99%
BLK008TW1.20	981	635	1.55	0.0515	0.0013	0.3689	0.0100	0.0520	0.0006	265	55	319	7	327	4	97%
BLK008TW1.21	1088	755	1.44	0.0500	0.0011	0.3351	0.0080	0.0486	0.0007	198	55	293	6	306	4	95%
BLK008TW1.22	1824	1218	1.50	0.0521	0.0010	0.3480	0.0072	0.0485	0.0007	300	38	303	5	305	4	99%
BLK008TW1.23	~~312~~	~~244~~	1.28	~~0.1294~~	~~0.0209~~	~~1.3983~~	~~0.3046~~	~~0.0596~~	~~0.0029~~	~~2100~~	~~287~~	~~888.2~~	~~129.6~~	~~373.1~~	~~17.7~~	~~18%~~
BLK008TW1.24	903	409	2.21	0.0504	0.0014	0.3555	0.0101	0.0512	0.0007	213	67	309	8	322	4	95%
BLK008TW1.25	509	424	1.20	0.0510	0.0016	0.3588	0.0126	0.0509	0.0009	243	77	311	9	320	5	97%
BLK008TW1.26	717	428	1.67	0.0527	0.0014	0.3528	0.0096	0.0485	0.0007	317	61	307	7	305	4	99%
BLK008TW1.27	2755	1878	1.47	0.0515	0.0010	0.3461	0.0071	0.0486	0.0007	265	43	302	5	306	4	98%
BLK008TW1.28	1059	699	1.52	0.0533	0.0012	0.3759	0.0087	0.0510	0.0006	343	45	324	6	320	4	98%
BLK008TW1.29	2669	730	3.66	0.0527	0.0013	0.3541	0.0085	0.0488	0.0008	317	57	308	6	307	5	99%
BLK008TW1.30	3761	1515	2.48	0.0540	0.0011	0.3632	0.0085	0.0486	0.0007	369	44	315	6	306	4	97%
BLK008TW1.31	1370	862	1.59	0.0523	0.0012	0.3704	0.0084	0.0513	0.0006	298	47	320	6	323	4	99%
BLK008TW1.32	~~1974~~	~~968~~	2.04	~~0.0717~~	~~0.0043~~	~~0.5189~~	~~0.0396~~	~~0.0509~~	~~0.0011~~	~~977~~	~~123~~	~~424.4~~	~~26.5~~	~~319.9~~	~~7.0~~	~~71%~~
BLK008TW1.33	1197	682	1.76	0.0542	0.0015	0.3786	0.0104	0.0506	0.0006	389	63	326	8	318	3	97%
BLK008TW1.34	310	304	1.02	0.0559	0.0021	0.3997	0.0137	0.0522	0.0007	456	85	341	10	328	4	96%
BLK008TW1.35	686	472	1.45	0.0553	0.0014	0.3691	0.0088	0.0485	0.0007	433	56	319	7	305	4	95%
BLK008TW1.36	1749	1214	1.44	0.0535	0.0011	0.3586	0.0086	0.0485	0.0006	350	48	311	6	305	4	98%
BLK008TW1.37	273	340	0.80	0.0541	0.0018	0.3797	0.0126	0.0509	0.0006	376	76	327	9	320	4	97%
BLK008TW1.38	1335	1346	0.99	0.0528	0.0011	0.3542	0.0076	0.0486	0.0006	320	46	308	6	306	3	99%
BLK008TW1.39	982	722	1.36	0.0569	0.0012	0.4056	0.0089	0.0517	0.0006	487	81	346	6	325	4	93%
BLK008TW1.40	3205	1192	2.69	0.0544	0.0012	0.3637	0.0088	0.0485	0.0007	387	45	315	7	305	4	96%

Table S2. Whole-rock major and trace elements of the Mozbaysay lherzolites and hornblende gabbros in this study.

Rock type	Iherzolites										Hornblende gabbros									
Sample	BLK005DH1	BLK005DH2	BLK005DH3	BLK005DH4	BLK005DH5	BLK007DH1	BLK007DH2	BLK007DH3	BLK007DH4	BLK007DH5	BLK006DH1	BLK006DH2	BLK006DH3	BLK006DH4	BLK006DH5	BLK008DH1	BLK008DH2	BLK008DH3	BLK008DH4	BLK008DH5
SiO_2	43.75	42.58	43.79	44.02	43.28	44.59	40.34	41.72	41.64	41.53	47.13	46.78	44.11	45.50	47.40	46.15	47.02	45.68	45.37	47.70
Al_2O_3	10.58	9.19	6.80	6.94	8.20	10.46	7.74	7.01	6.23	7.57	17.35	17.74	17.71	17.54	15.80	17.85	18.78	18.71	16.94	18.39
$^{T}Fe_2O_3$	14.18	15.25	16.92	16.64	17.30	15.62	13.84	14.93	15.48	14.86	6.64	6.70	6.52	9.05	10.37	8.86	7.93	7.90	11.19	9.71
MgO	24.89	26.94	30.33	30.16	28.59	26.73	25.29	27.48	28.94	27.62	9.47	7.68	9.66	9.53	8.69	9.18	9.69	10.98	10.77	8.11
CaO	5.90	5.11	3.33	4.09	3.88	4.91	4.64	4.06	3.40	4.06	8.42	8.60	8.80	7.71	8.52	8.23	9.77	9.97	9.24	8.53
Na_2O	0.59	0.61	0.54	0.44	0.48	0.56	0.24	0.28	0.20	0.24	3.41	3.62	3.62	3.65	3.52	3.64	2.56	2.09	1.96	2.96
K_2O	0.40	0.86	0.88	0.57	0.50	0.44	0.79	0.70	0.61	0.38	0.78	0.91	0.49	1.33	1.39	1.98	1.11	0.46	0.56	1.87
MnO	0.23	0.24	0.27	0.26	0.29	0.28	0.25	0.28	0.29	0.27	0.09	0.11	0.08	0.13	0.14	0.17	0.12	0.13	0.15	0.17
TiO_2	0.52	0.51	0.64	0.61	0.48	0.46	0.57	0.61	0.57	0.54	0.70	0.72	0.91	1.07	1.40	1.08	1.44	1.28	1.35	1.34
P_2O_5	0.13	0.13	0.15	0.14	0.03	0.04	0.13	0.14	0.12	0.13	0.14	0.15	0.19	0.21	0.26	0.24	0.12	0.09	0.23	0.24
LOI	3.21	5.83	3.21	3.40	3.45	4.54	6.45	3.16	2.82	3.09	3.44	2.79	4.37	3.69	2.81	3.98	3.39	3.69	3.72	3.10
^{T}FeO	14.18	15.25	16.92	16.64	17.30	15.62	13.84	14.93	15.48	14.86	7.64	6.70	6.52	9.05	10.37	8.86	7.93	7.90	11.19	9.71
Mg#	75.78	75.90	76.16	76.36	74.66	75.31	76.51	76.64	76.92	76.82	68.84	67.14	72.53	65.24	59.90	64.87	68.54	71.24	63.18	59.82
Ti	3141.38	3039.47	3249.29	3051.46	2871.61	2769.69	3417.15	3656.95	3417.15	3237.30	4178.52	4322.40	5431.47	6414.65	8393.00	6474.60	4316.40	3836.80	8093.25	8033.30
P	580.49	563.03	654.69	606.68	144.03	187.68	567.40	611.04	523.75	567.40	615.41	650.33	807.45	899.11	1126.07	1043.14	523.75	392.81	1003.86	1047.50
K	3287.31	7155.72	7280.24	4690.23	4183.86	3627.67	6558.03	5810.91	5063.79	3154.49	6508.22	7545.88	4075.94	11040.73	11538.81	16436.57	4565.72	1909.30	4648.73	15523.43
Li	23.70	18.10	21.60	19.00	28.90	26.40	21.80	15.60	21.10	21.70	7.06	5.29	26.60	19.60	25.80	24.10	6.05	7.49	16.20	18.20
Be	0.51	0.30	0.23	0.31	0.43	0.33	0.32	0.37	0.38	0.34	0.42	0.46	0.42	0.55	0.86	0.53	0.51	0.49	0.72	0.83
Sc	34.40	44.10	40.20	33.00	36.10	31.50	15.70	17.10	15.20	15.20	49.40	53.60	39.90	43.40	42.40	42.60	14.70	11.60	16.10	15.40
V	106.00	110.00	108.00	103.00	113.00	89.80	99.90	100.00	90.50	87.60	170.00	191.00	172.00	180.00	260.00	188.00	152.00	113.00	207.00	235.00
Co	98.50	104.00	114.00	118.00	116.00	104.00	112.00	122.00	124.00	124.00	42.50	42.70	42.40	49.00	48.50	44.50	47.00	47.70	51.10	44.40
Ni	722.00	822.10	928.00	930.60	845.00	729.60	922.00	987.00	1041.00	1007.00	111.20	66.60	221.20	193.60	149.00	170.60	123.00	130.00	247.00	162.00
Cu	50.20	39.80	41.40	60.90	78.80	78.90	8.25	34.00	53.40	62.00	11.80	16.00	19.70	64.10	26.10	75.30	2.91	21.90	75.30	49.50
Zn	137.00	136.00	140.00	157.00	176.00	169.00	120.00	139.00	153.00	144.00	36.40	40.10	46.10	54.80	64.50	95.20	32.80	52.70	58.50	39.30
Ga	9.70	8.68	7.59	7.74	7.87	8.60	8.46	8.51	7.77	8.26	16.30	16.90	16.70	16.40	18.90	17.10	16.00	15.90	17.90	17.60
Rb	15.30	19.30	18.70	13.50	19.30	11.90	17.90	15.80	13.90	8.23	14.50	15.40	7.37	27.20	34.10	35.90	9.92	4.31	10.70	33.80
Sr	210.00	180.00	99.30	139.00	169.00	235.00	109.00	153.00	133.00	202.00	437.00	466.00	405.00	914.00	579.00	958.00	460.00	425.00	430.00	610.00
Zr	59.30	65.00	58.80	62.50	63.20	61.30	58.80	58.90	62.70	59.40	107.00	104.00	102.00	120.00	130.00	126.00	131.20	116.40	111.00	108.00
Nb	2.71	2.11	2.55	2.15	2.09	1.62	2.53	2.69	2.52	2.37	2.82	2.52	3.66	3.99	5.26	4.33	4.88	4.84	5.43	5.15
Mo	0.21	0.55	0.63	0.50	0.10	0.11	0.25	0.21	0.67	0.11	0.39	0.46	0.26	0.40	0.15	0.47	0.10	0.10	0.12	0.14
In	0.08	0.02	0.03	0.03	0.07	0.05	0.03	0.03	0.03	0.03	0.03	0.04	0.07	0.05	0.11	0.05	0.04	0.04	0.07	0.06
Cs	4.60	1.81	1.70	1.43	5.03	3.55	1.57	1.33	1.26	1.50	1.10	1.01	0.86	1.26	3.18	2.46	0.70	0.36	1.45	0.96
Ba	622.00	171.00	125.00	90.20	640.00	562.00	122.00	106.00	99.00	94.90	211.00	189.00	67.20	393.00	1022.00	790.00	150.00	74.30	86.30	605.00
Hf	1.27	2.02	2.12	1.55	1.36	1.30	1.32	1.38	1.44	1.32	2.21	2.16	2.10	2.42	2.67	2.61	2.59	2.42	2.37	2.34
Ta	0.25	0.28	0.20	0.13	0.25	0.18	0.21	0.21	0.22	0.20	0.50	0.34	0.18	0.43	0.32	0.65	0.36	0.38	0.40	0.36
W	0.27	0.32	0.34	0.26	0.34	0.26	0.22	0.26	0.17	0.17	0.14	0.19	0.10	0.34	0.19	0.23	0.06	0.10	0.31	0.33
Tl	0.58	0.08	0.07	0.07	0.58	0.45	0.09	0.08	0.07	0.10	0.06	0.05	0.05	0.19	0.54	0.20	0.05	0.03	0.08	0.22
Pb	15.50	6.20	4.57	15.90	19.80	13.30	6.49	3.96	4.98	5.37	1.81	1.90	8.50	1.41	8.14	2.92	0.93	1.60	1.81	2.04
Bi	0.31	0.02	0.02	0.02	0.36	0.45	0.01	0.02	0.01	0.01	0.01	0.01	0.00	0.07	0.24	0.02	0.01	0.01	0.01	0.01
Th	0.46	0.49	0.51	0.52	0.32	0.24	0.39	0.39	0.38	0.42	0.68	0.71	0.53	0.59	0.65	0.66	0.40	0.26	0.57	0.56
U	0.18	0.15	0.16	0.15	0.14	0.11	0.12	0.12	0.12	0.12	0.21	0.28	0.24	0.23	0.21	0.22	0.19	0.22	0.25	0.26
Cr	1394.00	1583.00	2493.00	2098.00	1643.00	1332.00	1801.00	2111.00	2110.00	1938.00	408.00	278.00	217.00	216.00	165.00	207.00	367.00	313.00	220.00	185.00
Y	11.70	9.75	10.10	10.60	5.78	4.79	10.30	11.60	10.60	10.40	15.00	13.50	15.30	16.70	24.20	18.10	23.00	20.20	19.70	19.90
La	4.88	4.61	4.53	4.65	4.44	3.47	3.98	4.26	3.96	4.43	6.42	7.01	9.31	11.20	11.00	9.64	10.06	9.95	10.70	11.00

Ce	13.80	10.60	10.10	10.20	7.78	5.90	8.19	9.00	8.21	9.22	14.30	15.60	24.00	19.50	27.10	21.10	23.00	20.40	22.60	23.50
Pr	1.55	1.56	1.44	1.49	1.16	0.98	1.23	1.36	1.24	1.36	2.02	2.16	3.46	2.58	3.63	2.95	3.70	2.98	3.23	3.38
Nd	7.28	7.21	6.62	7.02	6.04	7.04	5.98	6.61	6.01	6.47	9.12	9.50	14.90	11.80	16.70	13.60	16.40	13.80	15.20	15.60
Sm	1.90	1.74	1.66	1.81	1.66	1.84	1.61	1.77	1.61	1.67	2.22	2.19	3.09	2.83	4.02	3.27	4.48	3.64	3.78	3.93
Eu	0.62	0.47	0.42	0.42	0.52	0.54	0.43	0.46	0.39	0.42	0.88	1.03	1.40	1.80	1.71	1.53	1.86	1.75	1.37	1.72
Gd	1.95	1.60	1.62	1.75	1.77	1.93	1.95	1.89	1.72	1.81	2.13	2.18	2.77	2.75	3.93	3.00	2.25	2.89	3.84	3.99
Tb	0.36	0.30	0.32	0.34	0.28	0.20	0.30	0.34	0.31	0.31	0.39	0.40	0.50	0.52	0.75	0.56	0.39	0.33	0.66	0.68
Dy	2.24	1.83	1.95	2.07	1.95	1.70	1.99	2.19	2.01	1.98	2.41	2.46	2.98	3.14	4.56	3.50	3.48	3.27	4.18	4.24
Ho	0.44	0.37	0.39	0.41	0.42	0.34	0.39	0.43	0.39	0.38	0.49	0.50	0.56	0.62	0.92	0.68	0.48	0.43	0.80	0.83
Er	1.63	1.08	1.14	1.17	1.00	1.06	1.07	1.18	1.11	1.05	1.44	1.44	1.69	1.80	2.70	2.00	1.31	1.16	2.19	2.26
Tm	0.17	0.14	0.16	0.15	0.11	0.16	0.17	0.19	0.17	0.16	0.19	0.20	0.23	0.25	0.36	0.28	0.20	0.18	0.34	0.35
Yb	1.13	1.01	1.08	1.04	1.02	0.96	1.09	1.15	1.11	0.99	1.31	1.33	1.51	1.65	2.39	1.87	1.82	1.74	2.09	2.12
Lu	0.17	0.15	0.16	0.15	0.13	0.12	0.16	0.18	0.17	0.15	0.19	0.19	0.21	0.24	0.35	0.26	0.19	0.17	0.31	0.31
Eu/Eu*	0.98	0.85	0.77	0.71	0.92	0.87	0.74	0.76	0.71	0.73	1.22	1.43	1.43	1.95	1.30	1.47	1.59	1.59	1.09	1.32

Note: $Mg^{\#}$ = molar ratio of MgO/(MgO + FeO) × 100; δEu = Eu/Eu* = $2Eu_N(Sm_N \times Gd_N)$, N represents Chondrite normalization (Chondrite data from Sun and Mcdough, 1989).

Table S3. Sr-Nd isotopic compositions of the Mozbaysay lherzolites and hornblende gabbros in this study.

Sample	Age (Ma)	Rb(ppm)	Sr(ppm)	$^{87}Rb/^{86}Sr$	$(^{87}Sr/^{86}Sr)_0$	$(^{87}Sr/^{86}Sr)_i$	Sm(ppm)	Nd(ppm)	$^{147}Sm/^{144}Nd$	$(^{143}Nd/^{144}Nd)0$	$(^{143}Nd/^{144}Nd)i$	ε_{Nd} (t)	T_{DM1}/Ma
BLK005DH1	306	15.33	210.30	0.210798	0.703907	0.702989	1.90	7.28	0.158018	0.513023	0.512706	9.0	352
BLK005DH3	306	18.65	99.25	0.543477	0.705521	0.703155	1.66	6.62	0.151589	0.512969	0.512665	8.2	449
BLK005DH4	306	13.53	139.10	0.281308	0.705007	0.703782	1.81	7.02	0.155690	0.512918	0.512606	7.1	613
BLK007DH1	306	11.90	234.80	0.146559	0.703900	0.703262	1.84	7.04	0.157930	0.512933	0.512616	7.3	598
BLK007DH3	306	15.80	153.00	0.298665	0.705202	0.703901	1.77	6.61	0.161805	0.512885	0.512561	6.2	782
BLK006DH1	306	14.54	436.50	0.096328	0.704098	0.703679	2.22	9.12	0.147255	0.512860	0.512565	6.3	670
BLK006DH4	306	27.18	913.80	0.086015	0.704193	0.703818	2.83	11.79	0.145144	0.512897	0.512606	7.1	567
BLK008DH2	306	9.92	460.00	0.062362	0.703980	0.703709	4.48	16.40	0.165065	0.512986	0.512655	8.0	520
BLK008DH4	306	10.70	430.00	0.071960	0.704187	0.703874	3.78	15.20	0.150269	0.512913	0.512612	7.2	573
BLK008DH5	306	33.80	610.00	0.160242	0.704497	0.703799	3.93	15.60	0.152226	0.512890	0.512585	6.7	648

Appendix A1

Analytical methods

Zircon U-Pb dating

LA-ICP-MS in-situ zircon U-Pb dating was measured at the State Key Laboratory of Continental Dynamics, Northwest University, Xi'an, China. Zircon grains were extracted by using the traditional heavy liquid and magnetic techniques and then were randomly fastened to the adhesive tape. To observe the internal structure before analysis, cathodoluminescence (CL) images of the selected crystals were performed by a Gatan Mono CL $^{3+}$ fluorescence spectrometer. During LA-ICP-MS analysis, the laser ablation spot size was about 30 μm and the frequency was 6 Hz. Harvard zircon 91500 was used as an external standard sample to correct for mass deviation and elemental fractionation. Glitter 4.0 software (Macquarie University, Australia) and ISOPLOT 3.0 were used to calculate and plot the acquired data (Ludwig, 2003).

Whole-rock major and trace element analyses

Major oxides of whole-rock samples were analyzed by X-ray fluorescence (XRF) and selected trace elements were analyzed by ICP-MS (PE 6100 DRC) at the State Key Laboratory of Continental Dynamics, Northwest University, Xi'an, China. Elemental standards BHVO-1(basalt) and AGV-1(andesite) were used to calibrate the elemental concentrations of the measured samples. The analytical precisions were better than 5% for the major elements and 2% for most of the trace elements. The sample preparation process and other details were described by Liu et al. (2007).

Whole-rock Sr-Nd isotopic analyses

Whole-rock Sr-Nd isotopic data were obtained using a Neptune Plasma high-resolution (HR) multicollector (MC) mass spectrometer at the State Key Laboratory of Continental Dynamics, Northwest University, Xi'an, China. The Sr and Nd isotopes were determined using a method similar to that of Chu et al. (2009). Sr and Nd isotopic fractionation was corrected to $^{87}Sr/^{86}Sr=0.1194$ and $^{146}Nd/^{144}Nd=0.7219$, respectively. During the sample runs, the La Jolla standard yielded an average value of $^{143}Nd/^{144}Nd=0.511862 \pm 5$ (2σ), and the NBS987 standard yielded an average value of $^{87}Sr/^{86}Sr=0.710236 \pm 16$ (2σ). The total procedural Sr and Nd blanks

are b1 ng and b50 pg, and NIST SRM-987 and JMC-Nd were used as certified reference standard solutions for $^{87}Sr/^{86}Sr$ and $^{143}Nd/^{144}Nd$ isotopic ratios, respectively. The BCR-1 and BHVO-1 standards yielded an average of 87Sr/86Sr ratio are 0.705014 ± 3 (2σ) and 0.703477 ± 20 (2σ), respectively. The BCR-1 and BHVO-1 standards yielded an average of $^{146}Nd/^{144}Nd$ ratio are 0.512615 ± 12 (2σ) and 0.512987 ± 23 (2σ), respectively.

References for the supplementary file

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