

Run ID	Size range ( $\mu\text{m}$ )	$^{40}\text{Ar} \pm \sigma$ (nA)	$^{39}\text{Ar} \pm \sigma$ (nA)	$^{38}\text{Ar} \pm \sigma$ (nA)	$^{37}\text{Ar} \pm \sigma$ (nA)	$^{36}\text{Ar} \pm \sigma$ (nA)	$^{40}\text{Ar}^* \pm \sigma$ (%)	$^{40}\text{Ar}^*/^{39}\text{Ar}_K \pm \sigma$	Age $\pm \sigma$	
Total fusion		$J=0.002652 \pm 0.000002 \quad D=1.005081 \pm 0.002207$								
58304-01	FCp 150	1.507598 0.004122	0.2427366 0.0005443	0.0030678 0.0000485	0.708643 0.0098908	0.000457 0.0000264	94.79265 0.6454118	5.8998 0.0424246	28.01 $\pm$ 0.20	
58304-02	FCp 150	3.256404 0.00493	0.5274841 0.001019	0.0064852 0.0000537	1.50981 0.0101883	0.0009235 0.0000268	95.31809 0.3247827	5.896561 0.0266885	28.00 $\pm$ 0.13	
58304-03	FCp 150	2.380609 0.004675	0.3869552 0.0007157	0.0048924 0.000052	0.8780944 0.0094635	0.0006075 0.0000268	95.40219 0.4333773	5.878736 0.0308292	27.91 $\pm$ 0.15	
58305-01	FCp 150-125	3.500273 0.005428	0.5578683 0.0010185	0.0069368 0.0000581	1.374419 0.0127459	0.0010532 0.0000273	94.2408 0.3177709	5.923422 0.0266502	28.12 $\pm$ 0.13	
58305-02	FCp 150-125	3.014086 0.00472	0.4924384 0.0010184	0.0059424 0.0000546	1.248857 0.0109378	0.0007866 0.0000264	95.59264 0.3413009	5.861575 0.0273955	27.83 $\pm$ 0.13	
58305-03	FCp 150-125	3.056988 0.004699	0.4951279 0.0009493	0.0061938 0.0000599	1.285251 0.0107662	0.000789 0.0000268	95.72742 0.3391918	5.921327 0.0271696	28.11 $\pm$ 0.13	
58306-01	FCp 125-85	11.67937 0.009271	1.800674 0.0017127	0.0228255 0.0001033	4.735646 0.0202706	0.0049491 0.0000332	90.71244 0.1401973	5.894831 0.0210067	27.99 $\pm$ 0.10	
58306-02	FCp 125-85	11.24501 0.009361	1.741551 0.0020117	0.0221801 0.0000985	4.449167 0.01696	0.0045778 0.0000332	91.12641 0.1461458	5.894715 0.021234	27.99 $\pm$ 0.10	
58306-03	FCp 125-85	11.35895 0.007599	1.787261 0.0017125	0.0225245 0.0000956	4.618873 0.0219575	0.0041007 0.0000354	92.57576 0.133617	5.894561 0.0198926	27.99 $\pm$ 0.09	
58306-04	FCp 125-85	12.62878 0.012414	1.950442 0.0021113	0.0241851 0.000113	4.833088 0.0168245	0.0050941 0.0000339	91.1323 0.1583717	5.91113 0.0212832	28.07 $\pm$ 0.10	
58307-01	FCp 85-74	11.62094 0.017295	1.739054 0.0026108	0.0216988 0.0000966	4.475891 0.0237008	0.0056938 0.0000347	88.59286 0.2215165	5.931029 0.0250811	28.16 $\pm$ 0.12	
58307-02	FCp 85-74	11.71556 0.017296	1.771144 0.0031107	0.0221839 0.000113	4.292046 0.0220176	0.0054073 0.0000347	89.28266 0.2201597	5.916015 0.0251471	28.09 $\pm$ 0.12	
58307-03	FCp 85-74	7.739379 0.013387	1.135713 0.0017121	0.0143881 0.0000889	2.871185 0.0163761	0.00427 0.0000326	86.65472 0.2644142	5.915869 0.0275779	28.09 $\pm$ 0.13	
58307-04	FCp 85-74	11.33162 0.019268	1.700052 0.0029106	0.0212787 0.0001033	4.236056 0.022055	0.0055399 0.0000376	88.53421 0.2514061	5.911757 0.0262733	28.07 $\pm$ 0.12	
58308-01	FCp 74-63	11.5563 0.021243	1.763176 0.0033107	0.0218475 0.000113	4.251132 0.0237659	0.0048482 0.0000347	90.53633 0.2674912	5.944213 0.0259691	28.22 $\pm$ 0.12	
58308-02	FCp 74-63	11.28857 0.020256	1.73416 0.0032107	0.0214495 0.0001326	4.174682 0.02209	0.0045432 0.0000347	91.05633 0.2631491	5.937543 0.0254814	28.19 $\pm$ 0.12	
58308-03	FCp 74-63	11.4072 0.025205	1.757258 0.003711	0.0212545 0.000113	4.239491 0.0221006	0.0047122 0.0000339	90.75613 0.3155746	5.901571 0.0275332	28.02 $\pm$ 0.13	
58308-04	FCp 74-63	12.36486 0.022233	1.898482 0.0035108	0.0230385 0.000113	4.592483 0.0238123	0.00508 0.0000354	90.8208 0.2612965	5.92541 0.025473	28.13 $\pm$ 0.12	
		$J=0.002655 \pm 0.000004$								
58315-01	FCp 63-53	10.21969 0.0105	1.604257 0.0020113	0.0200055 0.0000927	3.877116 0.0204514	0.0037078 0.0000312	92.3048 0.1702008	5.890292 0.0211685	27.99 $\pm$ 0.10	
58315-02	FCp 63-53	10.90696 0.023221	1.698385 0.0033107	0.020695 0.0000918	4.055121 0.0204581	0.0040903 0.0000339	91.88275 0.3077481	5.910731 0.0263148	28.09 $\pm$ 0.12	
58315-03	FCp 63-53	9.089742 0.018281	1.418864 0.0031107	0.017319 0.0000966	3.387784 0.0187834	0.0032647 0.0000326	92.35867 0.2977551	5.926904 0.0266579	28.16 $\pm$ 0.13	
58316-01	FCp 53-38 I	14.27284 0.007163	2.153232 0.0020055	0.0272577 0.0001148	5.252925 0.0220498	0.006307 0.0000348	89.87748 0.1026484	5.967995 0.0210949	28.36 $\pm$ 0.10	
58316-02	FCp 53-38 I	11.89625 0.026194	1.761809 0.0040113	0.0216939 0.0001033	4.167537 0.0273247	0.0054262 0.0000361	89.31449 0.3131307	6.040984 0.0294361	28.70 $\pm$ 0.14	
58316-03	FCp 53-38 I	12.51579 0.02818	1.870515 0.0043116	0.0228809 0.0001326	4.384215 0.0221816	0.0055831 0.0000354	89.61088 0.3180844	6.005994 0.0292678	28.54 $\pm$ 0.14	
58316-04	FCp 53-38 I	12.83644 0.030167	1.893073 0.0046119	0.0233113 0.0001424	4.400956 0.0273462	0.0057837 0.0000354	89.41913 0.3302787	6.073361 0.0304346	28.85 $\pm$ 0.14	
58317-01	FCp 53-38 II	6.950943 0.02025	1.056559 0.0034109	0.0128516 0.0000927	2.429325 0.0188208	0.0029967 0.0000306	90.04658 0.4184701	5.93374 0.0347572	28.19 $\pm$ 0.16	
58317-02	FCp 53-38 II	13.30962 0.024209	2.000928 0.0039113	0.0246134 0.0001228	4.622938 0.0291183	0.0060663 0.0000361	89.30079 0.2608818	5.949837 0.0266891	28.27 $\pm$ 0.13	
58317-03	FCp 53-38 II	13.70362 0.029174	2.065599 0.0050125	0.0257347 0.0001424	4.800233 0.0308742	0.0064142 0.0000347	88.96167 0.29912	5.911697 0.0290004	28.09 $\pm$ 0.14	
58317-04	FCp 53-38 II	10.47764 0.028187	1.552329 0.0042117	0.0188786 0.0001326	3.511681 0.0257445	0.0051692 0.0000361	88.09281 0.3778455	5.955534 0.0329569	28.30 $\pm$ 0.16	
58318-01	FCp 38-34	5.480536 0.014378	0.799756 0.0024114	0.010746 0.0000803	1.847592 0.0174469	0.0030397 0.0000326	86.30018 0.3935482	5.923715 0.0358637	28.15 $\pm$ 0.17	
58318-02	FCp 38-34	4.928144 0.012449	0.7252527 0.0019123	0.009136 0.0000794	1.695969 0.015678	0.0025322 0.0000306	87.5605 0.3875785	5.959752 0.0340758	28.32 $\pm$ 0.16	
58319-01	FCp 34-28	8.075953 0.021276	1.131702 0.0032113	0.0140455 0.0000975	2.652775 0.022446	0.0050252 0.0000361	84.23073 0.3740773	6.020912 0.0362912	28.61 $\pm$ 0.17	
58319-02	FCp 34-28	11.26224 0.023262	1.542538 0.0034114	0.0195433 0.0001228	3.580551 0.0293818	0.0079795 0.0000416	81.59714 0.2925775	5.967429 0.0335467	28.35 $\pm$ 0.16	
58319-03	FCp 34-28	11.65947 0.021299	1.602875 0.0032114	0.0208121 0.000113	3.636069 0.0259726	0.0084818 0.0000416	80.98953 0.261677	5.900841 0.0322607	28.04 $\pm$ 0.15	
58319-04	FCp 34-28	10.51181 0.023031	1.461512 0.0037085	0.0185558 0.0001022	3.341358 0.0233342	0.0068874 0.0000304	83.17247 0.3020132	5.991919 0.0335239	28.47 $\pm$ 0.16	
		$J=0.002656 \pm 0.000004$								

58326-01	FCp 28-22	12.06906	0.021034	1.716129	0.0035082	0.0228001	0.0001317	3.891812	0.0269128	0.0081987	0.0000361	82.49785	0.2467159	5.811259	0.0303079	27.63 ± 0.14
58326-02	FCp 28-22	10.81754	0.022033	1.559063	0.0035082	0.0208717	0.000112	3.608975	0.0251403	0.0066896	0.0000323	84.38749	0.2851553	5.864923	0.0307997	27.89 ± 0.15
58326-03	FCp 28-22	10.87352	0.025448	1.561388	0.0035318	0.0211884	0.0001289	3.632975	0.024555	0.0068832	0.0000588	83.95961	0.3492773	5.856699	0.0334446	27.85 ± 0.16
58327-01	FCp 22-15	17.07521	0.032349	2.081662	0.0040294	0.0280849	0.0001382	4.947251	0.0262759	0.0170559	0.0000672	72.79234	0.2653305	5.981195	0.0397921	28.44 ± 0.19
58327-02	FCp 22-15	16.08834	0.030369	2.013259	0.0040293	0.0278566	0.0001196	4.826701	0.0280089	0.0150845	0.0000638	74.68577	0.26695	5.978635	0.0381678	28.42 ± 0.18
58327-03	FCp 22-15	14.31683	0.029376	1.741821	0.0034316	0.0239876	0.0001196	4.230143	0.0192266	0.0143771	0.0000618	72.68078	0.2878346	5.984482	0.0407631	28.45 ± 0.19
58327-04	FCp 22-15	13.1526	0.023469	1.616393	0.0027366	0.0225309	0.0001196	3.956114	0.0182532	0.0130118	0.0000638	73.16439	0.2668805	5.963952	0.0391624	28.35 ± 0.18
58327-05	FCp 22-15	12.66148	0.022487	1.578648	0.0029346	0.02125	0.0001015	3.822351	0.0189158	0.0120483	0.0000638	74.28721	0.2700456	5.968618	0.0385448	28.38 ± 0.18
58328-01	FCp 15-10	15.95664	0.011934	1.936934	0.003431	0.0372544	0.0004723	4.804008	0.0229429	0.0209284	0.0001575	63.65144	0.3060596	5.253104	0.0466572	25.00 ± 0.22
58328-02	FCp 15-10	16.75764	0.020525	1.954636	0.003232	0.0291891	0.0001572	4.874449	0.0196007	0.0194079	0.0000722	68.09646	0.1980797	5.84869	0.0415406	27.81 ± 0.20
58328-03	FCp 15-10	19.1303	0.01569	2.185536	0.0030332	0.033152	0.0001957	5.392252	0.0196099	0.0233863	0.0000784	66.12386	0.1581032	5.798304	0.042111	27.57 ± 0.20
58328-04	FCp 15-10	20.25926	0.015664	2.336109	0.0032309	0.0383656	0.0003037	5.754129	0.021402	0.0259973	0.0001109	64.34769	0.1878085	5.590372	0.0435691	26.59 ± 0.21
58329-01	FCp 10-5	6.241145	0.007617	0.6778969	0.0012686	0.0099531	0.0000851	1.748881	0.0160737	0.0081553	0.0000566	63.62044	0.3068003	5.868339	0.0519873	27.90 ± 0.25
58329-02	FCp 10-5	1.036813	0.004897	0.1185609	0.0004978	0.001782	0.000058	0.3018903	0.0091673	0.0012253	0.0000497	67.40016	1.532493	5.90507	0.1391714	28.08 ± 0.66
58329-03	FCp 10-5	11.92269	0.012832	1.364877	0.001653	0.0196751	0.0001196	3.566705	0.0213343	0.0139791	0.0000618	67.73807	0.2035607	5.928443	0.0423163	28.19 ± 0.20
58329-04	FCp 10-5	1.53115	0.005727	0.180099	0.0006425	0.0027928	0.0000686	0.4544564	0.0101392	0.0017699	0.0000513	68.21056	1.092317	5.809709	0.0999723	27.63 ± 0.47
58330-01	FCp 5	4.659394	0.008004	0.5102856	0.0014591	0.0149808	0.0004723	1.442761	0.0147061	0.0095874	0.0001386	41.68602	0.8997557	3.814223	0.0998057	18.19 ± 0.47
58330-02	FCp 5	4.013996	0.008844	0.442308	0.0013629	0.0141706	0.0003829	1.264586	0.0142549	0.0086394	0.0001292	38.93593	0.9822023	3.540891	0.1062696	16.89 ± 0.50
58330-03	FCp 5	2.058082	0.00767	0.2193763	0.0010605	0.0099106	0.0003928	0.6593539	0.0114052	0.0058734	0.00012	18.26645	1.766967	1.717459	0.1810704	8.21 ± 0.86

## Age spectrum

$$J=0.002652 \pm 0.000002$$

58306-05A	FCp 125-85	0.0144995	0.004579	0.0014048	0.0004182	0.0002323	0.0000558	-0.0039978	0.0080036	0.000139	0.0000495	-185.2973	121.0567	-19.08275	12.33671	-
58306-05B	FCp 125-85	0.0027486	0.004528	0.0001067	0.000408	0.0000711	0.0000528	0.0060396	0.0080075	0.0000435	0.0000489	-349.6803	798.1793	-94.14302	410.0016	-
58306-05C	FCp 125-85	0.0151092	0.00453	0.0000955	0.0004097	-0.0000103	0.0000507	0.0011312	0.0081043	7.50E-06	0.0000489	85.91569	103.6807	137.1894	624.3628	-
58306-05D	FCp 125-85	0.0306728	0.004537	0.0011301	0.0004184	0.0000266	0.0001078	-0.0370011	0.0140035	-5.40E-06	0.0000566	95.58391	58.44428	25.31279	17.66493	117.23 ± 79.21
58306-05E	FCp 125-85	0.0174249	0.004544	0.0014652	0.0004575	-0.0000811	0.0001477	0.0435211	0.0231626	0.0002503	0.00008	-304.6975	159.8381	-37.07092	20.69933	-
58306-05F	FCp 125-85	0.6715033	0.004707	0.0761712	0.000463	0.0009791	0.0000558	0.180099	0.0105585	0.000508	0.0000509	79.78237	2.421566	7.045465	0.214942	33.40 ± 1.01
58306-05G	FCp 125-85	0.4531326	0.004623	0.0646554	0.000496	0.0006866	0.0001668	0.1252246	0.0183144	0.0001983	0.0000679	89.26742	4.650157	6.26481	0.3244999	29.73 ± 1.53
58306-05H	FCp 125-85	0.6520025	0.004691	0.0895247	0.0005339	0.000528	0.0001382	0.206493	0.0183235	0.0000918	0.0000625	98.35226	3.018867	7.174791	0.2192327	34.01 ± 1.03
58306-05I	FCp 125-85	1.824621	0.004836	0.2381365	0.000692	0.0032859	0.0000989	0.6108343	0.0123059	0.0008069	0.0000566	89.60433	0.9867279	6.87831	0.0795429	32.62 ± 0.37
58306-05J	FCp 125-85	3.017425	0.005582	0.3510941	0.0007254	0.0045407	0.0000963	0.8998622	0.0151453	0.0009015	0.0000532	93.55097	0.5825449	8.055104	0.0557559	38.14 ± 0.26
58306-05K	FCp 125-85	2.965098	0.00532	0.4248589	0.00089	0.0053028	0.0000894	1.102884	0.0134754	0.0007686	0.0000532	95.30744	0.5883365	6.663975	0.0455237	31.61 ± 0.21
58306-05L	FCp 125-85	9.083938	0.007565	1.451352	0.0016543	0.0176998	0.0001015	3.685842	0.0172422	0.0018781	0.0000524	97.12716	0.2090325	6.090185	0.0207672	28.91 ± 0.10
58307-05A	FCp 85-74	0.0009994	0.004625	-0.0001824	0.000416	-0.0000429	0.0000569	-0.0050157	0.0092814	-0.0000595	0.0000497	1818.556	8556.14	-101.7752	255.754	-
58307-05B	FCp 85-74	-0.0005647	0.004639	-0.0002751	0.0004206	-0.0001338	0.0000592	0.028877	0.017258	-0.0000992	0.0000492	-5498.244	45270.25	-104.4835	158.7306	-
58307-05C	FCp 85-74	0.0053072	0.004671	-0.0002261	0.0004308	-0.0003715	0.0000794	-0.0413579	0.0136612	-0.0003671	0.0000577	2080.858	1861.638	-567.2379	1279.727	-
58307-05D	FCp 85-74	0.0150173	0.004682	0.0001176	0.0004231	-0.0000332	0.0000694	0.0193447	0.0108804	0.0001227	0.0000551	-131.2242	120.2742	-191.536	817.3723	-
58307-05E	FCp 85-74	0.0439199	0.004708	0.0018868	0.0004334	-0.000047	0.0000558	-0.0145471	0.0115364	0.000095	0.0000532	33.40597	37.6794	7.730687	8.86633	36.62 ± 41.57
58307-05F	FCp 85-74	0.7857217	0.004932	0.1006421	0.0004911	0.0012177	0.0000563	0.2305065	0.0107785	0.0007018	0.0000513	75.94193	2.090154	5.938639	0.1646176	28.19 ± 0.78
58307-05G	FCp 85-74	0.3376121	0.00487	0.0490273	0.000478	0.0005512	0.00005	0.1292423	0.008869	0.0001273	0.0000488	91.9126	4.716871	6.34133	0.3192119	30.09 ± 1.50
58307-05H	FCp 85-74	0.2147908	0.00485	0.0308094	0.0004517	0.0003143	0.0000496	0.0780642	0.008636	0.0001041	0.0000487	88.57668	7.365777	6.186489	0.5041509	29.36 ± 2.37

58307-05I	FCp 85-74	2.162365	0.005492	0.3183077	0.0008917	0.0039556	0.0000658	0.8586661	0.0110518	0.0011299	0.0000497	87.72539	0.7623436	5.971067	0.0564655	28.35 ± 0.27
58307-05K	FCp 85-74	3.266716	0.00464	0.4964192	0.0008671	0.0063221	0.0000598	1.215074	0.0129635	0.001419	0.0000304	90.13083	0.33864	5.941507	0.0300855	28.21 ± 0.14
58307-05L	FCp 85-74	12.80119	0.008287	2.025536	0.001706	0.0251908	0.0001412	5.064025	0.0219257	0.0041166	0.0000413	93.6527	0.133964	5.929342	0.0192249	28.15 ± 0.09
58308-05A	FCp 74-63	0.0034094	0.002812	-0.0002795	0.0001253	-0.0001354	0.000042	-0.0023424	0.0165587	-0.0001945	0.0000333	1779.737	1498.8	-218.4758	106.8217	-
58308-05B	FCp 74-63	-0.0025665	0.00281	-0.0001786	0.0001286	-0.0001489	0.0000494	0.0055942	0.0134561	-3.40E-06	0.0000333	44.36171	404.5683	6.225443	56.56899	29.55 ± 266.28
58308-05C	FCp 74-63	0.0289949	0.002817	0.0007909	0.0001148	0.0000241	0.000042	0.0128737	0.0102566	0.0000358	0.0000278	67.0609	30.85269	24.89261	11.82157	115.34 ± 53.06
58308-05D	FCp 74-63	0.0314512	0.002816	0.0019539	0.0001299	0.0000308	0.0000394	0.0043563	0.0100019	0.0000575	0.0000266	47.07661	27.0892	7.590306	4.348834	35.96 ± 20.40
58308-05E	FCp 74-63	0.0140683	0.00281	0.0017628	0.0001117	0.0000114	0.0000292	-0.0049836	0.0079475	0.0000723	0.0000266	-54.73098	60.70403	-4.358256	4.762904	-
58308-05F	FCp 74-63	0.5724273	0.003008	0.0760587	0.000278	0.0010186	0.0000324	0.1852351	0.0084493	0.0004425	0.0000239	79.73535	1.41548	6.011529	0.107836	28.54 ± 0.51
58308-05G	FCp 74-63	0.2883618	0.002938	0.0435268	0.0002049	0.0005597	0.0000248	0.1015678	0.0083619	0.0001519	0.0000232	87.2461	2.757157	5.789621	0.1766699	27.49 ± 0.83
58308-05H	FCp 74-63	0.5528708	0.002973	0.0811448	0.0002501	0.0010241	0.0000316	0.1912279	0.0084568	0.0002889	0.0000237	87.3167	1.463501	5.959257	0.098741	28.29 ± 0.47
58308-05I	FCp 74-63	2.162456	0.006083	0.3291671	0.0009169	0.0039552	0.0000394	0.787128	0.0109735	0.0009384	0.0000251	90.07829	0.515867	5.92779	0.0390239	28.14 ± 0.18
58308-05J	FCp 74-63	3.328832	0.008287	0.5195472	0.0012062	0.0063874	0.0000569	1.26505	0.0121417	0.001186	0.0000246	92.50251	0.4083057	5.937114	0.0312459	28.19 ± 0.15
58308-05K	FCp 74-63	3.318066	0.007354	0.5121419	0.0013061	0.0062132	0.0000598	1.260751	0.0118492	0.0011709	0.0000251	92.60196	0.3801375	6.010067	0.0314847	28.53 ± 0.15
58308-05L	FCp 74-63	12.76236	0.018217	1.887912	0.0027068	0.0232467	0.0001016	4.665605	0.0221199	0.0045458	0.0000333	92.39001	0.212775	6.256681	0.0236342	29.69 ± 0.11
<i>J=0.002655 ± 0.000004</i>																
58315-05A	FCp 63-53	0.00847	0.002812	0.0002466	0.0001067	0.0000285	0.0000205	0.0029349	0.0076836	0.000013	0.0000229	57.52272	89.02865	19.93922	31.45684	-
58315-05B	FCp 63-53	0.0054392	0.002807	0.0000592	0.000108	0.0000225	0.0000216	0.0062157	0.0077407	0.000034	0.0000229	-75.66283	141.2974	-75.54116	203.4809	-
58315-05C	FCp 63-53	0.0315961	0.002817	0.0013635	0.0001089	0.0000193	0.0000216	0.0063546	0.0076936	0.0000647	0.0000229	41.10662	23.65017	9.55915	5.49424	45.21 ± 25.66
58315-05D	FCp 63-53	0.0080434	0.002807	0.0006988	0.000103	0.0000299	0.0000206	0.004601	0.0076971	-9.02E-06	0.0000229	137.75	103.4047	15.93338	10.86926	74.73 ± 49.94
58315-05E	FCp 63-53	0.0288734	0.002813	0.0025686	0.0001181	0.0000186	0.0000222	0.0069332	0.0078743	0.0000241	0.000023	77.271	26.75603	8.703249	2.922522	41.21 ± 13.68
58315-05F	FCp 63-53	0.9429427	0.00396	0.1321275	0.0004808	0.0015929	0.0000333	0.3073378	0.0089151	0.0005639	0.000024	84.92612	0.9407554	6.07096	0.0701231	28.84 ± 0.33
58315-05G	FCp 63-53	0.6303599	0.003225	0.0939845	0.0002874	0.001224	0.0000292	0.2188313	0.0085205	0.0003266	0.0000237	87.45821	1.309786	5.875635	0.0872155	27.92 ± 0.41
58315-05H	FCp 63-53	1.368258	0.004252	0.2093159	0.000599	0.0025447	0.0000394	0.4909957	0.0097258	0.000555	0.0000242	90.87387	0.6757345	5.950194	0.0476041	28.27 ± 0.22
58315-05I	FCp 63-53	2.066551	0.004801	0.3229752	0.0007179	0.0039644	0.0000522	0.7656543	0.0103839	0.0007981	0.0000246	91.54215	0.476833	5.867211	0.0353445	27.88 ± 0.17
58315-05J	FCp 63-53	2.306374	0.005048	0.3651445	0.0008372	0.0044688	0.0000466	0.8688005	0.0117994	0.0007248	0.0000241	93.71815	0.435648	5.929588	0.0326823	28.18 ± 0.15
58315-05K	FCp 63-53	3.105082	0.004801	0.5040972	0.0008472	0.0061921	0.0000569	1.2716	0.0125599	0.0007739	0.0000246	95.90168	0.3215781	5.917891	0.0256163	28.12 ± 0.12
58315-05L	FCp 63-53	2.361592	0.004252	0.3850692	0.0006981	0.0046634	0.0000513	0.9157773	0.0119638	0.0005448	0.0000242	96.27534	0.3969031	5.914461	0.0289253	28.10 ± 0.14
58316-05A	FCp 53-38 I	0.0139193	0.002813	0.0002621	0.0001067	0.0000162	0.0000216	-0.0008132	0.0079196	0.000029	0.0000229	38.01858	53.48184	20.13958	29.28474	-
58316-05B	FCp 53-38 I	0.0021828	0.002808	0.0000113	0.0001037	-0.0000327	0.0000205	-0.016491	0.007732	-0.0000186	0.0000227	291.7111	503.3083	267.2644	1215.741	-
58316-05C	FCp 53-38 I	0.0169726	0.00281	0.0005062	0.0001033	3.98E-06	0.0000205	0.0044438	0.0078781	0.0000555	0.0000228	5.534465	43.36476	1.868188	14.64519	8.92 ± 69.79
58316-05D	FCp 53-38 I	0.0747827	0.002821	0.0059964	0.0001253	0.0000918	0.0000211	0.0103863	0.0079405	0.0001133	0.000023	56.33914	10.13233	7.035064	1.24835	33.38 ± 5.87
58316-05E	FCp 53-38 I	0.0218107	0.00281	0.0027518	0.0001098	0.0000312	0.0000211	0.0015344	0.0078305	0.0000255	0.0000228	66.00456	34.70007	5.233196	2.676945	24.89 ± 12.64
58316-05F	FCp 53-38 I	0.9736592	0.003329	0.1349644	0.0003929	0.0018024	0.00003	0.3356562	0.0089597	0.0006636	0.0000246	82.60958	0.8745873	5.970297	0.067055	28.37 ± 0.32
58316-05G	FCp 53-38 I	0.4062566	0.002907	0.0606096	0.0002227	0.00077	0.0000255	0.1433724	0.0089638	0.000192	0.0000234	88.84822	1.96501	5.965433	0.128454	28.34 ± 0.61
58316-05H	FCp 53-38 I	0.4692937	0.002941	0.0699641	0.0002593	0.0008582	0.0000269	0.1727397	0.0086683	0.0002454	0.0000235	87.48465	1.71228	5.878543	0.1131869	27.93 ± 0.53
58316-05I	FCp 53-38 I	2.433852	0.005471	0.3659247	0.0008273	0.0044967	0.0000513	0.8693326	0.0109638	0.0010949	0.0000251	89.55429	0.4330943	5.966588	0.0349991	28.35 ± 0.16
58316-05J	FCp 53-38 I	2.045856	0.004482	0.3172948	0.0007974	0.0038881	0.0000385	0.7440629	0.0113972	0.000806	0.0000251	91.25819	0.4728203	5.893991	0.0364314	28.01 ± 0.17
58316-05K	FCp 53-38 I	1.923511	0.004405	0.2952178	0.0007776	0.0036402	0.0000485	0.7218483	0.0112579	0.000763	0.0000261	91.27093	0.5114749	5.957221	0.0390517	28.31 ± 0.18
58316-05L	FCp 53-38 I	10.30168	0.013298	1.584985	0.001806	0.0193712	0.0001016	3.770358	0.0226725	0.0043024	0.0000372	90.57679	0.2079731	5.897079	0.0228438	28.02 ± 0.11
58319-05A	FCp 34-28	-0.0015348	0.002807	-0.0001425	0.0001027	-0.0000115	0.00002	0.0021707	0.0079195	0.0000208	0.0000228	489.93	1015.874	52.15551	63.55752	-
58319-05B	FCp 34-28	-0.0020471	0.002809	-0.0001052	0.0001044	-0.0000105	0.0000197	0.0092246	0.007748	-6.12E-06	0.0000226	-24.24148	358.2867	-4.422964	65.18441	-
58319-05C	FCp 34-28	0.1276323	0.002823	0.0080517	0.0001266	0.0001785	0.0000241	0.0140794	0.0078671	0.0002706	0.0000233	38.22819	5.924821	6.067572	0.9414985	28.83 ± 4.44
58319-05D	FCp 34-28	0.0050708	0.002806	0.0008027	0.0001071	-2.43E-06	0.0000202	0.0087209	0.0077083	3.86E-06	0.0000227	91.18684	153.0832	5.807705	9.243047	27.60 ± 43.59
58319-05E	FCp 34-28	0.0800504	0.002821	0.0082838	0.0001266	0.0001189	0.0000222	0.0202524	0.0079368	0.0001213	0.0000229	57.22275	9.453271	5.539577	0.8999245	26.34 ± 4.25

58319-05F	FCp 34-28	0.7794314	0.003225	0.0967191	0.0002969	0.0013464	0.0000324	0.2366191	0.0093249	0.0007636	0.0000246	73.47058	1.072481	5.931274	0.091004	28.18 ± 0.43
58319-05G	FCp 34-28	0.3268063	0.002904	0.0464007	0.0002049	0.0005513	0.0000316	0.1117857	0.008021	0.000219	0.0000233	82.9209	2.418333	5.850331	0.1663983	27.80 ± 0.78
58319-05H	FCp 34-28	1.32302	0.004104	0.1777895	0.0004808	0.002388	0.000042	0.4253022	0.0101929	0.0010443	0.0000251	79.23853	0.6915598	5.906693	0.0575639	28.07 ± 0.27
58319-05I	FCp 34-28	2.828767	0.009044	0.3945934	0.001406	0.0049304	0.0000522	0.9125609	0.0134342	0.0017239	0.0000261	84.56305	0.505648	6.072226	0.0444468	28.85 ± 0.21
58319-05J	FCp 34-28	2.916538	0.01	0.423371	0.001406	0.0051937	0.000056	0.9716271	0.0134404	0.001653	0.0000261	85.90719	0.5299626	5.927729	0.0424968	28.17 ± 0.20
58319-05K	FCp 34-28	4.281939	0.010192	0.6177846	0.001606	0.0077981	0.0000607	1.454591	0.0150815	0.0023496	0.0000284	86.49368	0.3756979	6.005096	0.0346864	28.53 ± 0.16
58319-05L	FCp 34-28	6.554535	0.009426	0.99587	0.001506	0.0124732	0.0000879	2.374438	0.0169649	0.0029643	0.0000297	89.52475	0.2388084	5.902308	0.0251871	28.05 ± 0.12
<i>J=0.002656 ±0.000004</i>																
58327-05A	FCp 22-15	0.0004204	0.000604	0.0000433	0.0000425	0.0000154	0.0000329	0.0057952	0.0081176	0.0000271	0.0000187	-1690.956	2771.913	-182.6064	248.4986	-
58327-05B	FCp 22-15	-0.0001092	0.000611	0.0000113	0.0000404	0.0000194	0.0000326	-0.0038321	0.008005	0.0000118	0.0000189	3567.831	20621.6	-274.3066	886.7067	-
58327-05C	FCp 22-15	-0.0006011	0.000611	-0.0000137	0.0000418	-1.37E-06	0.0000326	-0.0008068	0.0079604	0.0000106	0.0000188	630.4567	1133.12	288.8329	1043.321	-
58327-05D	FCp 22-15	0.0061484	0.000622	0.0001826	0.0000433	-0.0000256	0.0000326	-0.0050298	0.0082651	0.0000187	0.000019	3.706153	92.41644	1.222327	30.48388	5.85 ± 145.60
58327-05E	FCp 22-15	0.0122008	0.000615	0.0011683	0.0000479	-8.79E-06	0.0000329	0.0051513	0.0080187	0.0000321	0.0000188	25.58047	46.06427	2.680218	4.828142	12.80 ± 22.97
58327-05F	FCp 22-15	0.1232759	0.000739	0.0168324	0.0001334	0.0003061	0.000038	0.0444479	0.0082827	0.0001442	0.0000197	68.31771	4.800456	5.012954	0.3549354	23.86 ± 1.68
58327-05G	FCp 22-15	0.0184309	0.000635	0.0024372	0.0000588	0.0000246	0.0000321	0.0108828	0.0082174	0.000012	0.0000189	85.39999	30.92756	6.479542	2.343513	30.78 ± 11.04
58327-05H	FCp 22-15	0.0184105	0.000654	0.0022648	0.0000623	0.0000219	0.0000329	0.011745	0.0080955	0.0000282	0.0000189	59.81429	30.80319	4.881095	2.513369	23.24 ± 11.89
58327-05I	FCp 22-15	0.0188268	0.000644	0.0023067	0.0000579	0.0000183	0.0000323	0.0026744	0.0081025	0.000028	0.000019	57.15306	30.30067	4.668405	2.474564	22.23 ± 11.71
58327-05J	FCp 22-15	0.0075189	0.000611	0.0008385	0.0000487	-0.0000181	0.0000324	-0.0005191	0.0080499	-1.05E-06	0.0000189	103.5161	75.87745	9.277071	6.788337	43.92 ± 31.75
58327-05K	FCp 22-15	0.0117324	0.000635	0.0014151	0.0000588	8.59E-06	0.0000364	0.007411	0.0083047	2.53E-06	0.0000199	98.65531	51.04791	8.211434	4.244294	38.92 ± 19.90
58327-05L	FCp 22-15	0.0495728	0.000654	0.00573	0.0000976	0.0001055	0.000038	0.0127955	0.008907	0.0000962	0.0000206	44.73429	12.44792	3.876391	1.081293	18.48 ± 5.13
58328-05A	FCp 15-10	0.0047922	0.002808	0.0000732	0.0001076	-0.0000205	0.0000284	0.0003516	0.0079305	-6.73E-06	0.0000231	142.0181	175.9172	93.26182	173.3112	-
58328-05B	FCp 15-10	0.0015185	0.002808	0.0000227	0.0001023	-0.0000154	0.0000211	0.0077781	0.0079341	-5.82E-06	0.0000228	253.9792	673.801	229.9269	1500.653	-
58328-05C	FCp 15-10	0.1168897	0.002824	0.0041408	0.0001381	0.0001227	0.00003	-0.0030709	0.0096955	0.0002953	0.0000266	25.13818	7.22597	7.092078	2.056591	33.67 ± 9.67
58328-05D	FCp 15-10	0.0488993	0.002822	0.0032803	0.0001546	-0.0001648	0.000056	-0.0079842	0.0147589	0.0000186	0.000038	87.38848	24.36845	13.00233	3.606172	61.25 ± 16.70
58328-05E	FCp 15-10	0.1855393	0.002926	0.0133072	0.000179	0.0003416	0.0000665	0.0358866	0.0156088	0.0004941	0.0000372	22.85369	6.188086	3.192819	0.8704952	15.23 ± 4.14
58328-05F	FCp 15-10	1.084463	0.00389	0.1035637	0.0004319	0.0032162	0.0001213	0.25772	0.0246003	0.0023768	0.0000583	37.14977	1.64632	3.897224	0.1854913	18.58 ± 0.88
58328-05G	FCp 15-10	0.7955142	0.0035	0.086706	0.0003542	0.0024414	0.0001312	0.2280773	0.0094796	0.001599	0.000051	42.90877	1.958448	3.944386	0.1882306	18.80 ± 0.89
58328-05H	FCp 15-10	0.9966199	0.00389	0.1091514	0.0005005	0.0028941	0.0000977	0.259781	0.0096018	0.0019651	0.0000388	43.82887	1.233035	4.00878	0.1256122	19.11 ± 0.60
58328-05I	FCp 15-10	1.610009	0.0053	0.1829501	0.0005103	0.0025904	0.000043	0.4472482	0.0102435	0.0018679	0.0000278	67.93066	0.6529011	5.988709	0.06846	28.47 ± 0.32
58328-05J	FCp 15-10	2.692207	0.007169	0.3185053	0.0009368	0.0045069	0.0000588	0.7446896	0.0116457	0.003003	0.0000397	69.24349	0.5467626	5.862807	0.0592598	27.88 ± 0.28
58328-05K	FCp 15-10	3.279778	0.007169	0.4061222	0.0010066	0.0055977	0.0000598	0.9687026	0.0109303	0.0031552	0.0000297	73.927	0.3856509	5.980528	0.0453411	28.43 ± 0.21
58328-05L	FCp 15-10	6.409586	0.007077	0.8172895	0.0013061	0.0119779	0.0001016	2.054443	0.014178	0.0060614	0.0000372	74.61258	0.2227722	5.862141	0.0360919	27.87 ± 0.17
58329-05A	FCp 10-5	0.0033155	0.002809	0.0001861	0.000108	0.0000127	0.0000234	0.0025992	0.008118	0.0000186	0.0000234	-59.40266	232.524	-10.69894	41.35315	-
58329-05B	FCp 10-5	-0.0004388	0.002808	-0.0000352	0.0001055	0.000011	0.0000222	0.0123521	0.0081219	9.35E-06	0.0000229	504.7162	3641.705	49.67141	204.2552	-
58329-05C	FCp 10-5	0.0019726	0.000619	0.0000331	0.0000463	0.0000101	0.0000329	-0.0001617	0.0078563	0.0000236	0.0000188	-254.4514	296.5204	-151.2576	272.8983	-
58329-05D	FCp 10-5	0.0005113	0.000604	0.0000849	0.0000448	-4.91E-06	0.0000323	0.0074959	0.0080683	0.000018	0.0000189	-826.6721	1476.506	-53.32932	77.39962	-
58329-05E	FCp 10-5	0.0001327	0.000604	0.0000285	0.000044	7.98E-06	0.0000329	-0.0044996	0.0079565	-3.50E-06	0.0000189	610.0694	5091.323	25.36445	181.3826	-
58329-05F	FCp 10-5	0.0001439	0.000604	0.0000543	0.0000433	4.95E-06	0.0000332	-0.0052189	0.00815	0.0000244	0.0000189	-5202.064	22195.48	-128.379	136.3884	-
58329-05G	FCp 10-5	0.0006868	0.000604	0.0000699	0.0000433	4.95E-06	0.0000329	0.0064869	0.0080892	0.000012	0.0000189	-339.221	877.7869	-35.86435	90.30388	-
58329-05H	FCp 10-5	0.0006164	0.000604	-0.0000347	0.0000433	0.0000144	0.0000325	0.0013653	0.0080329	7.55E-06	0.0000189	-243.926	950.195	42.0861	167.7996	-
58329-05I	FCp 10-5	0.0008613	0.000615	0.0000298	0.0000448	2.93E-06	0.0000332	0.0064163	0.0081643	0.000015	0.000019	-354.5249	707.384	-122.4848	318.6207	-
58329-05J	FCp 10-5	0.0015501	0.000608	0.0001598	0.0000418	1.41E-06	0.0000332	-0.0044577	0.0081679	0.0000119	0.0000189	-150.2271	370.5293	-14.26809	34.88065	-
58329-05K	FCp 10-5	0.0068403	0.000611	0.0006803	0.0000528	0.0000263	0.0000324	0.0037797	0.00793	0.0000463	0.0000188	-95.64293	82.67813	-9.65632	8.330046	-
58329-05L	FCp 10-5	0.2188855	0.000887	0.0272541	0.0001432	0.0003955	0.0000354	0.0723871	0.008397	0.0002182	0.0000196	73.18319	2.709731	5.888917	0.2215437	28.00 ± 1.05

**Electronic Annex 1**