|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample | Production Rate (atoms g-1 yr-1) | Quartz(g) | Be Carrier (g) | 10Be/9Be(x10-15) | Internal uncertainty(ka) |
| Spallation | Muons |
| XBDN-04 | 55.29 | 0.268 | 4.2716 | 0.3052 | 28.48±4.82 | 0.45 |
| XBDN-18 | 54.07 | 0.263 | 6.3378 | 0.3109 | 61.78±6.50 | 0.41 |
| XBDN-20 | 54.19 | 0.263 | 17.9284 | 0.2946 | 335.59±19.43 | 0.40 |
| XBDN-21 | 55.54 | 0.268 | 31.885 | 0.3001 | 812.38±25.68 | 0.29 |
| XBDN-22 | 52.71 | 0.26 | 11.3268 | 0.296 | 393.65±27.52 | 0.92 |
| XBDN-23 | 52.49 | 0.26 | 3.3104 | 0.3264 | 119.53±14.24 | 2.00 |
| XBDN-24 | 52.56 | 0.26 | 12.8447 | 0.3013 | 440.08±16.73 | 0.50 |
| XBDN-25 | 52.12 | 0.258 | 29.4445 | 0.2982 | 779.20±15.40 | 0.20 |
| XBDN-26 | 51.91 | 0.258 | 16.3532 | 0.3153 | 557.70±19.95 | 0.50 |
| XBDN-11 | 45.03 | 0.24 | 18.2214 | 0.3281 | 453.27±27.17 | 0.75 |
| XBDN-12 | 44.13 | 0.24 | 15.4169 | 0.364 | 332.52±19.86 | 0.75 |
| XBDN-15 | 44.96 | 0.24 | 27.9607 | 0.3006 | 899.21±29.73 | 0.48 |
| XBDN-06 | 42.66 | 0.235 | 4.3536 | 0.3308 | 99.76±9.98 | 1.45 |
| XBDN-07 | 42.67 | 0.235 | 2.814 | 0.3445 | 72.76±12.76 | 2.79 |
| XBDN-08 | 43.21 | 0.236 | 15.4838 | 0.3146 | 439.08±19.66 | 0.62 |
| XBDN-09 | 43.16 | 0.236 | 16.1205 | 0.3062 | 542.06±21.90 | 0.65 |
| XBDN-10 | 43.51 | 0.237 | 4.8257 | 0.3132 | 126.46±11.26 | 1.14 |
| XBDN-16 | 42.61 | 0.234 | 35.5083 | 0.3158 | 933.84±43.07 | 0.60 |
| XBDN-17 | 41.88 | 0.232 | 7.7455 | 0.3558 | 207.58±22.55 | 1.73 |
| XBDS-05 | 52.61 | 0.272 | 30.5154 | 0.2783 | 128.01±6.54 | 0.08 |
| XBDS-06 | 52.61 | 0.272 | 30.2946 | 0.2554 | 139.9±4.12 | 0.05 |
| XBDS-07 | 52.39 | 0.271 | 30.3893 | 0.2666 | 169.29±5.31 | 0.06 |
| XBDS-11 | 52.41 | 0.264 | 30.3014 | 0.2819 | 1029.76±21.85 | 0.26 |