|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | Locality | Fraction (μm) | Potassium (K2O wt%) | Radiometric 40Ar (10-8 cc3 STP/g) | K–Ar age(Ma) | Non. Rad. Ar(%) | 2*M*1 ratio(%) | ICmeasured(˚2) |
| Goshikinohama Fault | N33°13′11.3′′ E133°27′28.1′′  | <0.20.2-0.50.5-1.01.0-2.02.0-4.0 | 5.75 ± 0.125.24 ± 0.114.34 ± 0.093.74 ± 0.083.43 ± 0.07 | 1186 ± 131123 ± 121012 ± 11907 ± 10834 ± 9 | 52.4 ± 1.254.4 ± 1.259.1 ± 1.361.5 ± 1.461.5 ± 1.4 | 4.43.74.34.96.0 | 9±515±529±529±543±5 | 0.200.090.080.130.10 |
| Roof thrust of Okitsu mélange | N33°13′11.3′′ E133°14′41.7′′  | <0.20.2-0.50.5-1.01.0-2.0 | 6.46 ± 0.135.88 ± 0.125.01 ± 0.104.67 ± 0.09 | 552 ± 6557 ± 6519 ± 6476 ± 5 | 21.9 ± 0.524.2 ± 0.626.5 ± 0.626.1 ± 0.6 | 7.67.77.99.3 | 9±511±516±518±5 | 0.110140.120.12 |
| Nobeoka Thrust | N32°35′27.8′′ E131°44′6.4′′  | <0.20.2-0.50.5-1.01.0-2.02.0-4.0 | 5.56 ± 0.115.07 ± 0.104.13 ± 0.083.88 ± 0.083.63 ± 0.07 | 559 ± 6541 ± 6480 ± 5462 ± 5434 ± 5 | 25.7 ± 0.627.3 ± 0.629.7 ± 0.730.5 ± 0.730.6 ± 0.7 | 9.35.75.65.95.9 | 9±516±517±527±530±5 | 0.160.270.160.170.17 |