|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 1 μs | 50 μs | 250 μs | 1 ms | 4 ms |
| Activation ratio | 0.10 | 0.15 | 0.12 | 0.12 | 0.12 |
| *F*Extra/σ(*F*Extra) | 1.67 | 2.49 | 1.74 | 2.17 | 2.14 |
| *F*Extra > 0 (%) | 74.5 | 81.0 | 81.3 | 75.9 | 81.4 |
| **Refinement** |  |  |  |  |  |
|  Resolution (Å) | 14.96 - 2.5 | 14.96 - 2.5 | 14.96 - 2.5 | 14.96 - 2.5 | 14.96 - 2.5 |
|  *R*work / *R*free | 0.4448 /0.5148 | 0.3844 /0.4471 | 0.4467 /0.5141 | 0.4106 /0.4634 | 0.4048 /0.4869 |
|  No. atoms |  |  |  |  |  |
|  Protein | 2317 | 2317 | 2317 | 2317 | 2317 |
|  Ligand/ion | 174 | 174 | 174 | 174 | 174 |
|  Water | 38 | 38 | 38 | 38 | 38 |
|  *B*-factors (A2) |  |  |  |  |  |
|  Protein | 76.92 | 64.14 | 63.56 | 74.27 | 53.87 |
|  Ligand/ion | 73.57 | 90.51 | 77.77 | 79.81 | 65.51 |
|  Water | 45.06 | 49.73 | 37.55 | 61.99 | 28.59 |
|  R.m.s. deviations |  |  |  |  |  |
|  Bond lengths (Å) | 0.0116 | 0.0079 | 0.0100 | 0.0090 | 0.0081 |
|  Bond angles (°) | 1.5950 | 1.4318 | 1.4809 | 1.5408 | 1.4775 |
|  Ramachandran plot |  |  |  |  |  |
|  Favored (%) | 94.48 | 94.83 | 94.83 | 94.83 | 94.14 |
|  Allowed (%) | 8.68 | 8.26 | 9.09 | 9.09 | 9.09 |
|  Outlier (%) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |