Powder X-ray data for camanchacaite. Only calculated lines with *I* ≥ 2 are shown.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |
|  |  |  | 8.4453 | 3 | 1 1 0 |  | 38 | 1.8413 | bracket | 1.8549 | 20 | 1 5 2 |
| 40 | 6.27 |  | 6.2771 | 38 | 0 2 0 |  | 1.8450 | 9 | -2 4 3 |
| 23 | 5.68 |  | 5.7070 | 19 | 2 0 0 |  | 1.8394 | 11 | 3 3 2 |
| 31 | 4.411 | bracket | 4.4396 | 23 | 1 1 1 |  |  |  |  | 1.7984 | 3 | -5 3 3 |
| 4.4353 | 4 | 0 2 1 |  | 5 | 1.7698 | bracket | 1.7717 | 2 | 1 7 0 |
| 66 | 4.134 | bracket | 4.2227 | 29 | 2 2 0 |  | 1.7470 | 3 | 1 3 3 |
| 4.1163 | 48 | -2 2 1 |  | 18 | 1.7292 | bracket | 1.7388 | 3 | 5 3 1 |
| 27 | 3.891 | bracket | 3.9290 | 22 | 1 3 0 |  | 1.7365 | 4 | -4 6 1 |
| 3.8603 | 14 | -3 1 1 |  | 1.7335 | 8 | -1 7 1 |
| 37 | 3.593 | bracket | 3.6411 | 25 | 3 1 0 |  | 49 | 1.6892 | bracket | 1.7036 | 16 | -6 4 2 |
| 3.5584 | 21 | -1 3 1 |  | 1.6961 | 3 | -3 1 4 |
|  |  |  | 3.3809 | 2 | -2 0 2 |  | 1.6954 | 20 | -2 0 4 |
| 93 | 3.263 |  | 3.2735 | 100 | -1 1 2 |  | 1.6891 | 4 | 5 5 0 |
| 60 | 3.115 | bracket | 3.1389 | 29 | 1 3 1 |  |  |  |  | 1.6777 | 2 | 1 7 1 |
| 3.1386 | 12 | 0 4 0 |  |  |  |  | 1.6629 | 3 | -1 5 3 |
| 3.1339 | 19 | 0 0 2 |  | 14 | 1.6195 | bracket | 1.6268 | 2 | 6 4 0 |
| 3.1000 | 12 | 2 2 1 |  | 1.6225 | 2 | -7 3 1 |
| 19 | 2.996 | bracket | 3.0193 | 25 | -3 1 2 |  | 1.6215 | 2 | -5 1 4 |
| 2.9766 | 6 | -2 2 2 |  | 1.6170 | 5 | 7 1 0 |
|  |  |  | 2.9128 | 2 | -3 3 1 |  | 20 | 1.5506 | bracket | 1.5562 | 12 | -8 0 2 |
|  |  |  | 2.8535 | 24 | 4 0 0 |  | 1.5537 | 5 | -3 7 2 |
| 96 | 2.806 | bracket | 2.8151 | 33 | 3 3 0 |  | 1.5500 | 6 | 4 4 2 |
| 2.8064 | 30 | 0 4 1 |  |  |  |  | 1.5324 | 2 | -7 3 3 |
| 2.8039 | 6 | 0 2 2 |  | 37 | 1.5197 | bracket | 1.5303 | 4 | -1 3 4 |
| 2.7884 | 26 | -4 2 1 |  | 1.5270 | 4 | 2 4 3 |
| 100 | 2.735 | bracket | 2.7501 | 70 | 2 4 0 |  | 1.5223 | 8 | 0 8 1 |
| 2.7261 | 28 | -4 0 2 |  | 1.5203 | 3 | 0 2 4 |
|  |  |  | 2.7251 | 2 | 3 1 1 |  | 1.5193 | 14 | 7 3 0 |
|  |  |  | 2.6884 | 19 | 1 1 2 |  |  |  |  | 1.5131 | 2 | 2 8 0 |
| 38 | 2.624 | bracket | 2.6345 | 34 | -1 3 2 |  |  |  |  | 1.5105 | 3 | -8 2 2 |
| 2.5977 | 13 | 4 2 0 |  | 29 | 1.4979 | bracket | 1.5089 | 10 | 3 7 1 |
| 2 | 2.439 |  | 2.4441 | 4 | -5 1 1 |  | 1.5081 | 5 | -2 8 1 |
| 5 | 2.367 | bracket | 2.3732 | 6 | 2 0 2 |  | 1.5026 | 2 | 1 7 2 |
| 2.3223 | 4 | 3 3 1 |  | 1.4917 | 2 | -2 4 4 |
| 6 | 2.293 |  | 2.2995 | 3 | 1 3 2 |  | 1.4883 | 5 | -4 4 4 |
| 13 | 2.230 | bracket | 2.2460 | 14 | 5 1 0 |  | 10 | 1.4563 | bracket | 1.4573 | 4 | 6 4 1 |
| 2.2194 | 2 | 1 5 1 |  | 1.4363 | 3 | 2 8 1 |
|  |  |  | 2.1410 | 2 | -5 3 1 |  | 7 | 1.4229 | bracket | 1.4234 | 2 | -2 8 2 |
| 6 | 2.0847 | bracket | 2.0956 | 6 | 3 5 0 |  | 1.4103 | 4 | 5 7 0 |
| 2.0924 | 2 | 0 6 0 |  | 30 | 1.3933 | bracket | 1.4034 | 3 | -3 7 3 |
| 12 | 2.0383 | bracket | 2.0488 | 12 | -5 3 2 |  | 1.4019 | 4 | 0 4 4 |
| 2.0320 | 2 | -4 2 3 |  | 1.3958 | 3 | 6 0 2 |
| 2.0284 | 2 | -6 0 2 |  | 1.3950 | 7 | -1 7 3 |
|  |  |  | 2.0211 | 2 | 3 1 2 |  | 1.3942 | 6 | -8 4 2 |
| 11 | 1.9929 | bracket | 2.0040 | 5 | 5 3 0 |  | 11 | 1.3672 | bracket | 1.3761 | 4 | 2 0 4 |
| 1.9844 | 9 | -3 3 3 |  | 1.3760 | 2 | -8 4 1 |
| 1.9823 | 5 | 0 2 3 |  | 1.3464 | 5 | -8 4 3 |
| 39 | 1.9525 | bracket | 1.9626 | 5 | -6 2 1 |  | 1.3457 | 2 | -9 1 1 |
| 1.9608 | 5 | -1 3 3 |  | 19 | 1.3319 | bracket | 1.3414 | 2 | 2 6 3 |
| 1.9538 | 23 | -3 5 2 |  | 1.3327 | 6 | -5 7 3 |
| 1.9535 | 3 | -2 6 1 |  | 7 | 1.2966 | bracket | 1.2974 | 2 | -1 1 5 |
| 3 | 1.9104 | bracket | 1.9023 | 2 | 6 0 0 |  | 1.2851 | 2 | -1 9 2 |
| 1.9004 | 4 | 1 1 3 |  |  |  |  |  |  |  |

Powder X-ray data for chinchorroite. Only calculated lines with *I* > 1 are shown.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |
| 100 | 9.10 |  | 9.1206 | 100 | 0 0 1 |  | 20 | 2.646 | bracket | 2.6525 | 5 | 3 0 0 |  | 15 | 1.7315 | bracket | 1.7390 | 4 | 3 3 0 |
| 54 | 8.63 |  | 8.5731 | 58 | 0 1 0 |  | 2.6379 | 6 | -2-2 2 |  | 1.7314 | 2 | -1 2 5 |
|  |  |  | 7.9574 | 7 | 1 0 0 |  |  |  |  | 2.6177 | 2 | 0-2 3 |  | 1.7290 | 2 | 3-2 3 |
| 31 | 7.56 |  | 7.5044 | 25 | -1 0 1 |  |  |  |  | 2.6085 | 3 | 2 2 0 |  | 1.7257 | 4 | -4 4 1 |
| 15 | 6.65 |  | 6.6158 | 12 | 0-1 1 |  | 36 | 2.568 | bracket | 2.5800 | 3 | -1 2 3 |  | 12 | 1.6851 | bracket | 1.6851 | 4 | -5 0 3 |
| 9 | 6.11 |  | 6.1086 | 7 | -1 1 1 |  | 2.5704 | 12 | -3 2 2 |  | 1.6834 | 2 | -4 4 0 |
| 32 | 5.25 | bracket | 5.2758 | 14 | -1-1 1 |  | 2.5608 | 5 | -3 2 0 |  | 1.6747 | 2 | -5 0 1 |
| 5.2170 | 9 | 1 1 0 |  | 2.5587 | 8 | -2 2 3 |  | 10 | 1.6557 |  | 1.6528 | 3 | 0 5 1 |
|  |  |  | 5.1386 | 5 | 1 0 1 |  |  |  |  | 2.5494 | 2 | 0-3 2 |  | 13 | 1.6328 | bracket | 1.6324 | 5 | -2 0 6 |
| 7 | 4.95 |  | 4.9175 | 5 | 1-1 1 |  |  |  |  | 2.5251 | 2 | -3-1 1 |  | 1.6318 | 2 | -4 2 5 |
| 5 | 4.80 |  | 4.7802 | 2 | -1 0 2 |  | 28 | 2.498 | bracket | 2.5004 | 12 | -3-1 2 |  | 15 | 1.6120 | bracket | 1.6195 | 3 | 0-3 5 |
| 12 | 4.57 |  | 4.5603 | 12 | 0 0 2 |  | 2.4979 | 3 | 1 3 0 |  | 1.6164 | 3 | 0 2 5 |
| 26 | 4.227 | bracket | 4.2436 | 10 | -1 2 0 |  | 2.4933 | 4 | -1 3 2 |  | 1.6120 | 3 | 3 1 3 |
| 4.1968 | 11 | -2 1 1 |  | 21 | 2.448 | bracket | 2.4587 | 14 | 2-2 2 |  | 18 | 1.5969 | bracket | 1.6055 | 4 | -2-3 5 |
| 23 | 4.113 |  | 4.1116 | 23 | -1-1 2 |  | 2.4404 | 6 | -1 0 4 |  | 1.5959 | 6 | 1 5 0 |
|  |  |  | 4.0527 | 8 | 0-2 1 |  | 14 | 2.395 | bracket | 2.4142 | 5 | -1-3 2 |  | 1.5929 | 3 | -5-1 3 |
| 49 | 4.034 |  | 4.0291 | 27 | 1 1 1 |  | 2.4034 | 7 | 3-1 1 |  | 1.5915 | 3 | 5 0 0 |
|  |  |  | 3.9787 | 13 | 2 0 0 |  | 2.3755 | 3 | 1-2 3 |  |  |  |  | 1.5803 | 2 | 3-5 1 |
| 8 | 3.846 |  | 3.8562 | 8 | 0 1 2 |  |  |  |  | 2.3720 | 2 | -1-1 4 |  | 10 | 1.5499 | bracket | 1.5595 | 2 | -1 1 6 |
| 6 | 3.762 |  | 3.7522 | 7 | -2 0 2 |  | 9 | 2.307 | bracket | 2.3229 | 2 | 2 1 2 |  | 1.5538 | 3 | -4-3 2 |
| 35 | 3.521 |  | 3.5225 | 26 | -2-1 1 |  | 2.3021 | 2 | -3 3 1 |  | 1.5455 | 2 | -3-4 1 |
|  |  |  | 3.5070 | 2 | -1-2 1 |  | 2.2802 | 2 | 0 0 4 |  | 1.5333 | 2 | 1-3 5 |
|  |  |  | 3.4505 | 2 | 1 0 2 |  | 3 | 2.213 |  | 2.2134 | 2 | -1 4 0 |  | 22 | 1.5201 | bracket | 1.5268 | 4 | -1-5 3 |
| 25 | 3.403 | bracket | 3.4319 | 11 | 1 2 0 |  | 13 | 2.140 | bracket | 2.1471 | 2 | -3-2 1 |  | 1.5221 | 2 | -4 5 1 |
| 3.4162 | 6 | -2 2 1 |  | 2.1278 | 2 | -2-3 2 |  | 1.5167 | 3 | -5 1 5 |
| 15 | 3.366 |  | 3.3668 | 25 | -2 2 0 |  |  |  |  | 2.0866 | 2 | 2 3 0 |  | 1.5151 | 2 | 3-1 4 |
| 13 | 3.301 | bracket | 3.3069 | 10 | 2-1 1 |  | 24 | 2.0464 | bracket | 2.0558 | 3 | -2-2 4 |  | 1.5126 | 2 | 3-4 3 |
| 3.2649 | 7 | -1 0 3 |  | 2.0485 | 2 | -3-1 4 |  | 1.5094 | 2 | -1 5 3 |
| 53 | 3.036 | bracket | 3.0654 | 4 | -1-1 3 |  | 2.0415 | 7 | 1 2 3 |  |  |  |  | 1.4988 | 2 | 5 1 0 |
| 3.0402 | 33 | 0 0 3 |  | 2.0386 | 3 | 3 2 0 |  | 16 | 1.4805 | bracket | 1.4919 | 2 | 2-1 5 |
| 3.0371 | 6 | -1 1 3 |  | 2.0344 | 3 | -3-2 3 |  | 1.4844 | 2 | 0-2 6 |
|  |  |  | 3.0083 | 2 | 1 1 2 |  | 18 | 1.9950 | bracket | 1.9978 | 2 | 3 0 2 |  | 1.4757 | 2 | 4-4 2 |
| 27 | 2.961 | bracket | 3.0012 | 10 | -2 0 3 |  | 1.9912 | 7 | -2 4 2 |  | 1.4723 | 2 | -4-3 4 |
| 2.9688 | 3 | 0-1 3 |  | 1.9899 | 3 | -4 2 3 |  |  |  |  | 1.4688 | 2 | 1 2 5 |
| 2.9666 | 14 | 0 2 2 |  | 13 | 1.9279 | bracket | 1.9388 | 2 | -1 0 5 |  |  |  |  | 1.4667 | 2 | -2 6 0 |
| 14 | 2.914 | bracket | 2.9334 | 9 | -1 3 0 |  | 1.9239 | 5 | 2 3 1 |  |  |  |  | 1.4655 | 2 | -5 4 0 |
| 2.9077 | 12 | -2 1 3 |  | 1.9184 | 3 | -3 4 0 |  | 13 | 1.4503 | bracket | 1.4538 | 3 | -4 2 6 |
|  |  |  | 2.8577 | 2 | 0 3 0 |  | 8 | 1.8745 | bracket | 1.8931 | 2 | -1-3 4 |  | 1.4469 | 4 | -2 4 5 |
|  |  |  | 2.8400 | 4 | -3 0 1 |  | 1.8628 | 2 | 2-4 2 |  | 1.4429 | 2 | 2-6 1 |
| 42 | 2.811 | bracket | 2.8157 | 5 | 0-3 1 |  | 11 | 1.8251 | bracket | 1.8206 | 2 | -1 3 4 |  | 9 | 1.4143 | bracket | 1.4196 | 2 | 1-5 4 |
| 2.8114 | 9 | -1 3 1 |  | 1.8152 | 4 | -3 3 4 |  | 1.4102 | 2 | -6 3 2 |
| 2.8059 | 12 | -3 1 2 |  | 17 | 1.7840 | bracket | 1.7859 | 7 | -3-1 5 |  | 1.3957 | 2 | 5-2 2 |
| 32 | 2.764 | bracket | 2.7740 | 27 | 1-3 1 |  | 1.7805 | 5 | 1-3 4 |  | 14 | 1.3849 | bracket | 1.3855 | 2 | -4-3 5 |
| 2.7388 | 6 | -2-2 1 |  | 1.7790 | 2 | -4-1 4 |  | 1.3816 | 2 | -4-2 6 |
| 2.7348 | 7 | -3 1 0 |  | 14 | 1.7543 | bracket | 1.7586 | 2 | -3-3 3 |  | 1.3790 | 2 | -5 0 6 |
|  |  |  | 2.6578 | 2 | -2 3 0 |  | 1.7575 | 5 | 2-1 4 |  | 1.3775 | 2 | -5 5 1 |
|  |  |  | 2.6555 | 2 | -2 3 1 |  | 1.7547 | 2 | -5 1 2 |  | 10 | 1.3646 | bracket | 1.3699 | 3 | 4 1 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.3657 | 2 | -3-1 7 |

Powder X-ray data for espadaite. Only calculated lines with *I* > 1 are shown.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |
| 44 | 11.10 |  | 11.0905 | 42 | 0 2 0 |  | 12 | 2.102 | bracket | 2.1092 | 2 | 2 2 8 |
| 100 | 9.26 | bracket | 9.3050 | 76 | 1 1 1 |  | 2.1013 | 8 | 3 9 1 |
| 9.1646 | 24 | 0 0 2 |  | 7 | 2.0529 | bracket | 2.0608 | 4 | 6 0 0 |
| 4 | 7.05 |  | 7.0647 | 5 | 0 2 2 |  | 2.0365 | 3 | 5 5 3 |
| 6 | 5.59 |  | 5.5453 | 8 | 0 4 0 |  |  |  |  | 2.0136 | 2 | 4 8 2 |
| 20 | 5.41 |  | 5.4001 | 13 | 2 2 0 |  | 19 | 2.0035 | bracket | 2.0033 | 4 | 2 4 8 |
|  |  |  | 5.1253 | 2 | 2 0 2 |  | 1.9988 | 5 | 3 9 3 |
| 49 | 4.582 |  | 4.5823 | 51 | 0 0 4 |  | 1.9965 | 3 | 0 10 4 |
| 73 | 4.118 | bracket | 4.1280 | 44 | 2 4 0 |  | 7 | 1.9863 | bracket | 1.9785 | 2 | 1 11 1 |
| 4.0713 | 19 | 1 5 1 |  | 1.9756 | 2 | 2 10 3 |
| 38 | 3.961 |  | 3.9567 | 26 | 3 1 1 |  |  |  |  | 1.9475 | 2 | 0 6 8 |
| 24 | 3.699 | bracket | 3.7061 | 6 | 3 1 2 |  | 6 | 1.9371 | bracket | 1.9386 | 2 | 5 7 1 |
| 3.6968 | 14 | 0 6 0 |  | 1.9317 | 2 | 6 4 0 |
| 3.6814 | 3 | 2 0 4 |  | 9 | 1.9002 |  | 1.8999 | 5 | 2 10 4 |
| 80 | 3.499 | bracket | 3.5323 | 21 | 0 4 4 |  | 24 | 1.8646 | bracket | 1.8795 | 6 | 6 0 4 |
| 3.4939 | 47 | 2 2 4 |  | 1.8610 | 12 | 5 5 5 |
| 3.4474 | 11 | 1 5 3 |  | 1.8575 | 3 | 2 6 8 |
| 31 | 3.389 |  | 3.3770 | 19 | 3 1 3 |  | 1.8531 | 2 | 6 2 4 |
| 79 | 3.068 | bracket | 3.1017 | 8 | 3 3 3 |  | 26 | 1.8350 | bracket | 1.8407 | 4 | 4 0 8 |
| 3.0912 | 2 | 4 0 0 |  | 1.8321 | 15 | 3 9 5 |
| 3.0670 | 51 | 2 4 4 |  | 8 | 1.8135 | bracket | 1.8197 | 4 | 3 1 9 |
| 3.0549 | 4 | 0 0 6 |  | 1.8158 | 3 | 4 2 8 |
| 3.0274 | 6 | 1 7 1 |  |  |  |  | 1.8022 | 2 | 4 10 0 |
| 24 | 2.984 |  | 2.9794 | 15 | 3 5 1 |  | 8 | 1.7717 | bracket | 1.7726 | 2 | 3 3 9 |
| 13 | 2.859 |  | 2.8772 | 7 | 0 6 4 |  | 1.7662 | 3 | 0 8 8 |
| 39 | 2.766 | bracket | 2.7726 | 12 | 0 8 0 |  | 7 | 1.7471 | bracket | 1.7490 | 2 | 1 11 5 |
| 2.7548 | 22 | 1 5 5 |  | 1.7470 | 3 | 4 4 8 |
|  |  |  | 2.7388 | 2 | 2 0 6 |  |  |  |  | 1.7142 | 2 | 0 12 4 |
| 39 | 2.710 | bracket | 2.7185 | 14 | 3 1 5 |  | 6 | 1.6975 | bracket | 1.6970 | 3 | 1 7 9 |
| 2.7070 | 2 | 3 5 3 |  | 1.6884 | 4 | 3 5 9 |
| 2.7000 | 13 | 4 4 0 |  | 18 | 1.6766 |  | 1.6754 | 10 | 6 6 4 |
|  |  |  | 2.6757 | 2 | 0 4 6 |  |  |  |  | 1.6540 | 2 | 6 8 0 |
|  |  |  | 2.5686 | 2 | 3 3 5 |  | 8 | 1.6394 |  | 1.6290 | 3 | 1 13 3 |
|  |  |  | 2.5502 | 2 | 1 7 4 |  | 9 | 1.5814 | bracket | 1.5844 | 3 | 0 14 0 |
|  |  |  | 2.5213 | 2 | 3 5 4 |  | 1.5820 | 2 | 3 7 9 |
|  |  |  | 2.4968 | 2 | 4 2 4 |  |  |  |  | 1.5682 | 2 | 5 1 9 |
| 6 | 2.462 |  | 2.4556 | 6 | 2 4 6 |  | 14 | 1.5566 |  | 1.5557 | 5 | 6 8 4 |
| 5 | 2.362 |  | 2.3722 | 4 | 0 8 4 |  | 17 | 1.5327 | bracket | 1.5374 | 2 | 7 7 1 |
| 8 | 2.336 | bracket | 2.3374 | 5 | 2 8 3 |  | 1.5349 | 5 | 1 13 5 |
| 2.3262 | 2 | 4 4 4 |  | 1.5322 | 3 | 6 0 8 |
|  |  |  | 2.3113 | 2 | 4 2 5 |  | 1.5290 | 2 | 0 8 10 |
| 5 | 2.290 |  | 2.2912 | 4 | 0 0 8 |  | 8 | 1.4914 | bracket | 1.5098 | 2 | 6 10 0 |
|  |  |  | 2.2721 | 3 | 5 3 2 |  | 1.4974 | 2 | 0 14 4 |
|  | 2.202 | bracket | 2.2107 | 2 | 4 6 3 |  | 1.4889 | 3 | 8 4 0 |
| 6 | 2.2028 | 3 | 3 7 4 |  | 1.4818 | 2 | 5 5 9 |
|  | 2.2007 | 2 | 2 6 6 |  | 16 | 1.4686 | bracket | 1.4698 | 2 | 2 2 12 |
| 6 | 2.161 |  | 2.1659 | 4 | 5 1 4 |  | 1.4671 | 8 | 3 9 9 |
|  |  |  | 2.1452 | 3 | 5 5 1 |  |  |  |  |  |  |  |

Powder X-ray data for magnesiofluckite. Only calculated lines with *I* > 1 are shown.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |
| 17 | 8.40 |  | 8.3136 | 24 | 1 0 0 |  | 33 | 2.0865 | bracket | 2.1058 | 2 | 2 2 2 |
| 78 | 7.46 |  | 7.4448 | 100 | 0 1 0 |  | 2.1030 | 4 | -3-1 2 |
| 15 | 5.74 |  | 5.7732 | 7 | -1 1 0 |  | 2.0913 | 5 | -2-2 2 |
|  |  |  | 5.3438 | 2 | 1 1 0 |  | 2.0890 | 9 | -3 2 2 |
| 43 | 4.92 | bracket | 4.9640 | 21 | 1 0 1 |  | 2.0784 | 2 | 4 0 0 |
| 4.8430 | 16 | -1 1 1 |  | 2.0594 | 5 | -4 0 1 |
|  |  |  | 4.7379 | 5 | 0-1 1 |  | 19 | 1.9556 | bracket | 1.9632 | 5 | 3 1 2 |
| 45 | 4.191 | bracket | 4.2115 | 3 | 1 1 1 |  | 1.9447 | 2 | -3 3 1 |
| 4.1827 | 20 | -1-1 1 |  | 1.9244 | 3 | -3 3 0 |
| 30 | 3.755 | bracket | 3.7556 | 24 | -2 1 0 |  |  |  |  | 1.8905 | 2 | 2 0 3 |
| 3.7224 | 7 | 0 2 0 |  |  |  |  | 1.8612 | 2 | 0 4 0 |
| 100 | 3.511 | bracket | 3.5540 | 12 | -2 1 1 |  | 24 | 1.8386 | bracket | 1.8456 | 6 | 1-3 2 |
| 3.5151 | 41 | 2 1 0 |  | 1.8187 | 9 | -3 3 2 |
| 3.5002 | 36 | -1 2 0 |  | 1.8171 | 3 | -1-2 3 |
| 3.4419 | 7 | 0 2 1 |  | 13 | 1.8018 | bracket | 1.7925 | 6 | 2 3 2 |
|  |  |  | 3.3903 | 8 | 0 0 2 |  | 1.7914 | 3 | 3 2 2 |
|  |  |  | 3.3643 | 6 | 2 0 1 |  |  |  |  | 1.7869 | 2 | 1 4 0 |
|  |  |  | 3.3426 | 2 | -1 2 1 |  | 19 | 1.7720 | bracket | 1.7807 | 2 | 0 3 3 |
| 81 | 3.248 | bracket | 3.2353 | 46 | 0 1 2 |  | 1.7690 | 8 | 3-2 2 |
| 3.1819 | 11 | -1 1 2 |  | 1.7670 | 2 | 1 4 1 |
| 37 | 3.049 | bracket | 3.0695 | 4 | 2-1 1 |  | 1.7646 | 3 | -4-1 2 |
| 3.0620 | 2 | 2 1 1 |  | 19 | 1.7331 |  | 1.7319 | 12 | -2-3 2 |
| 3.0392 | 11 | 1 2 1 |  |  |  |  | 1.7198 | 2 | -3-3 1 |
| 3.0124 | 12 | 1 0 2 |  | 28 | 1.6967 | bracket | 1.6975 | 6 | 0 1 4 |
| 62 | 2.953 | bracket | 2.9546 | 33 | 0-1 2 |  | 1.6951 | 6 | 0 0 4 |
| 2.9204 | 4 | 1-2 1 |  |  |  |  | 1.6627 | 3 | 5 0 0 |
| 2.9044 | 4 | -1-2 1 |  | 6 | 1.6525 |  | 1.6580 | 2 | -4 3 0 |
|  |  |  | 2.8866 | 3 | -2 2 0 |  |  |  |  | 1.6516 | 2 | 2 4 0 |
| 51 | 2.796 | bracket | 2.8452 | 3 | -2 2 1 |  | 6 | 1.6262 |  | 1.6191 | 2 | 1 1 4 |
| 2.8014 | 13 | -2 0 2 |  | 12 | 1.5904 | bracket | 1.6037 | 2 | -3 4 0 |
| 2.7712 | 3 | 3 0 0 |  | 1.5966 | 5 | 5 1 0 |
| 2.7635 | 4 | -2 1 2 |  | 1.5915 | 3 | -4-2 2 |
|  |  |  | 2.7192 | 5 | 1-1 2 |  | 1.5790 | 6 | -5 1 2 |
| 75 | 2.679 | bracket | 2.6834 | 3 | -3 0 1 |  |  |  |  | 1.5712 | 2 | -5 0 2 |
| 2.6719 | 31 | 2 2 0 |  | 22 | 1.5557 | bracket | 1.5640 | 3 | -5 2 0 |
| 2.6656 | 22 | -3 1 0 |  | 1.5560 | 4 | -2-1 4 |
|  |  |  | 2.5336 | 2 | 3 1 0 |  | 1.5533 | 3 | 1-1 4 |
| 9 | 2.470 | bracket | 2.5000 | 3 | 2-2 1 |  | 1.5479 | 3 | -3 1 4 |
| 2.4820 | 7 | 2 0 2 |  | 19 | 1.5268 | bracket | 1.5358 | 3 | 4 3 0 |
| 2.4302 | 6 | -1 3 0 |  | 1.5305 | 3 | 1-4 2 |
| 10 | 2.302 |  | 2.3104 | 10 | -3 2 0 |  | 1.5259 | 2 | -1-4 2 |
| 9 | 2.254 |  | 2.2566 | 6 | 1-2 2 |  | 1.5194 | 4 | -5 2 2 |
|  |  |  | 2.2075 | 3 | -2 3 0 |  | 17 | 1.5000 | bracket | 1.5027 | 4 | -1 3 4 |
|  |  |  | 2.1515 | 3 | -1-3 1 |  | 1.4991 | 4 | -3 2 4 |
| 9 | 2.137 | bracket | 2.1446 | 4 | 3 2 0 |  | 5 | 1.4644 |  | 1.4668 | 4 | 3 4 1 |
| 2.1365 | 7 | -1 3 2 |  | 12 | 1.4292 |  | 1.4360 | 4 | 2 2 4 |
|  |  |  |  |  |  |  | 1.4252 | 2 | 5 0 2 |

Powder X-ray data for picaite. Only calculated lines with *I* > 1 are shown.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |
| 12 | 7.25 | bracket | 7.3274 | 3 | 0 2 0 |  | 16 | 1.9758 | bracket | 1.9752 | 3 | 1 3 3 |  | 15 | 1.5270 | bracket | 1.5393 | 1 | -1 5 4 |
| 7.1476 | 4 | 1 0 0 |  | 1.9740 | 6 | 2 4 2 |  | 1.5381 | 1 | 1 9 1 |
| 8 | 6.47 |  | 6.4349 | 5 | 0 1 1 |  | 1.9731 | 1 | -2 3 3 |  | 1.5371 | 1 | -4 5 1 |
| 21 | 5.16 | bracket | 5.1804 | 7 | -1 1 1 |  | 1.9715 | 2 | -3 3 2 |  | 1.5279 | 3 | 3 2 3 |
| 5.1165 | 7 | 1 2 0 |  |  |  |  | 1.9583 | 1 | -1 7 1 |  | 1.5255 | 5 | -4 2 3 |
| 74 | 4.45 | bracket | 4.4639 | 27 | 1 1 1 |  | 6 | 1.9041 | bracket | 1.9115 | 2 | 1 7 1 |  | 1.5218 | 1 | 1 4 4 |
| 4.4181 | 31 | -1 2 1 |  | 1.8963 | 3 | 1 6 2 |  | 17 | 1.4903 | bracket | 1.5043 | 1 | 2 0 4 |
| 6 | 4.05 |  | 4.0357 | 4 | 0 3 1 |  | 11 | 1.8505 | bracket | 1.8584 | 1 | 3 4 1 |  | 1.5032 | 1 | 1 7 3 |
|  |  |  | 3.9481 | 1 | 1 2 1 |  | 1.8574 | 1 | -3 4 2 |  | 1.5015 | 1 | -3 7 2 |
| 100 | 3.651 | bracket | 3.6637 | 72 | 0 4 0 |  | 1.8511 | 3 | 0 5 3 |  | 1.4949 | 2 | 4 1 2 |
| 3.5812 | 28 | 0 0 2 |  | 1.8488 | 1 | 3 5 0 |  | 1.4880 | 2 | 3 3 3 |
|  |  |  | 3.5738 | 5 | 2 0 0 |  | 1.8477 | 1 | 3 0 2 |  | 1.4867 | 3 | -3 3 4 |
| 100 | 3.473 | bracket | 3.4788 | 22 | 0 1 2 |  | 9 | 1.8244 | bracket | 1.8318 | 6 | 0 8 0 |  | 1.4858 | 1 | -4 3 3 |
| 3.4720 | 44 | 2 1 0 |  | 1.8303 | 1 | 2 5 2 |  | 1.4827 | 1 | -2 5 4 |
| 3.4376 | 36 | -1 0 2 |  | 27 | 1.8025 | bracket | 1.8089 | 6 | -1 0 4 |  |  |  |  | 1.4736 | 1 | 3 6 2 |
| 48 | 3.383 | bracket | 3.3819 | 24 | 1 3 1 |  | 1.8074 | 3 | 0 7 2 |  | 13 | 1.4528 | bracket | 1.4530 | 1 | -1 8 3 |
| 3.3422 | 14 | -2 1 1 |  | 1.8064 | 7 | 2 7 0 |  | 1.4518 | 4 | -4 6 1 |
|  |  |  | 3.2617 | 2 | 0 4 1 |  | 1.7953 | 3 | -1 1 4 |  | 1.4511 | 1 | 4 5 1 |
|  |  |  | 3.2121 | 1 | 2 2 0 |  | 1.7918 | 2 | -4 1 1 |  | 8 | 1.4389 | bracket | 1.4445 | 1 | -1 1 5 |
|  |  |  | 3.1085 | 1 | -2 2 1 |  | 1.7880 | 1 | -1 7 2 |  | 1.4432 | 4 | 2 8 2 |
| 28 | 2.893 | bracket | 2.9472 | 4 | 1 1 2 |  | 1.7869 | 2 | 4 0 0 |  | 1.4416 | 1 | -5 1 1 |
| 2.8882 | 8 | 0 3 2 |  |  |  |  | 1.7774 | 1 | 0 1 4 |  | 1.4363 | 1 | 4 3 2 |
| 2.8843 | 18 | 2 3 0 |  |  |  |  | 1.7747 | 1 | 0 8 1 |  | 1.4356 | 1 | 1 10 0 |
|  |  |  | 2.8113 | 1 | -1 3 2 |  |  |  |  | 1.7738 | 1 | 4 1 0 |  | 1.4317 | 1 | 2 9 1 |
| 10 | 2.806 |  | 2.8086 | 4 | -2 3 1 |  | 6 | 1.7616 |  | 1.7529 | 7 | -4 2 1 |  |  |  |  | 1.4257 | 1 | 0 1 5 |
|  |  |  | 2.7832 | 1 | 1 2 2 |  | 9 | 1.7396 | bracket | 1.7387 | 1 | 1 5 3 |  |  |  |  | 1.4228 | 1 | 5 1 0 |
|  |  |  | 2.7806 | 2 | 2 2 1 |  | 1.7372 | 2 | -2 5 3 |  | 9 | 1.3989 | bracket | 1.4104 | 1 | -5 0 2 |
| 14 | 2.719 | bracket | 2.7208 | 5 | -2 1 2 |  | 1.7361 | 2 | -3 5 2 |  | 1.4036 | 2 | -2 9 2 |
| 2.7118 | 6 | 1 5 0 |  | 7 | 1.7133 | bracket | 1.7184 | 3 | 1 7 2 |  | 1.3970 | 1 | 1 8 3 |
|  |  |  | 2.5905 | 1 | -1 5 1 |  | 1.7163 | 2 | -4 0 2 |  | 1.3962 | 1 | -2 8 3 |
| 20 | 2.565 |  | 2.5609 | 12 | 0 4 2 |  | 1.7071 | 1 | -2 1 4 |  | 1.3957 | 1 | -3 8 2 |
|  |  |  | 2.5582 | 2 | 2 4 0 |  | 1.7061 | 1 | 1 8 1 |  | 11 | 1.3808 | bracket | 1.3916 | 1 | 2 4 4 |
| 17 | 2.502 | bracket | 2.5069 | 5 | -1 4 2 |  |  |  |  | 1.6963 | 1 | -1 3 4 |  | 1.3872 | 3 | -2 2 5 |
| 2.5049 | 4 | -2 4 1 |  | 9 | 1.6751 | bracket | 1.6812 | 2 | 0 3 4 |  | 1.3859 | 1 | 2 7 3 |
|  |  |  | 2.4850 | 3 | 1 5 1 |  | 1.6729 | 2 | 1 0 4 |  | 1.3786 | 3 | 3 5 3 |
| 7 | 2.435 |  | 2.4425 | 6 | 0 6 0 |  | 1.6711 | 1 | -4 2 2 |  | 1.3776 | 3 | -3 5 4 |
|  |  |  | 2.4089 | 2 | -2 3 2 |  | 1.6700 | 1 | -2 7 2 |  | 1.3746 | 1 | 0 3 5 |
|  |  |  | 2.3825 | 1 | 3 0 0 |  | 5 | 1.6505 | bracket | 1.6621 | 1 | 1 1 4 |  |  |  |  | 1.3687 | 1 | -1 7 4 |
| 18 | 2.344 | bracket | 2.3564 | 2 | 0 1 3 |  | 1.6594 | 1 | 4 1 1 |  | 5 | 1.3469 | bracket | 1.3550 | 1 | -5 3 2 |
| 2.3517 | 1 | 3 1 0 |  | 1.6498 | 1 | 3 4 2 |  | 1.3536 | 1 | 5 1 1 |
| 2.3433 | 7 | 2 0 2 |  | 1.6486 | 1 | -3 4 3 |  | 1.3450 | 1 | -1 9 3 |
| 2.3236 | 1 | 2 4 1 |  | 27 | 1.6207 | bracket | 1.6309 | 3 | 0 8 2 |  | 1.3443 | 1 | 3 9 0 |
| 2.3139 | 3 | 2 1 2 |  | 1.6302 | 1 | 2 8 0 |  | 1.3389 | 1 | 1 2 5 |
|  |  |  | 2.3112 | 2 | 1 6 0 |  | 1.6283 | 1 | 4 2 1 |  | 1.3366 | 1 | 5 2 1 |
| 17 | 2.270 | bracket | 2.2682 | 2 | 0 5 2 |  | 1.6220 | 5 | -1 4 4 |  |  |  |  | 1.3320 | 1 | -4 3 4 |
| 2.2663 | 11 | 2 5 0 |  | 1.6193 | 1 | -4 3 2 |  | 16 | 1.3159 | bracket | 1.3273 | 1 | -4 7 2 |
| 5 | 2.229 | bracket | 2.2319 | 2 | 2 2 2 |  | 1.6179 | 1 | 1 6 3 |  | 1.3242 | 1 | 3 1 4 |
| 2.2290 | 2 | -2 5 1 |  | 1.6161 | 8 | -2 8 1 |  | 1.3175 | 2 | 1 10 2 |
|  |  |  | 2.2090 | 1 | -2 4 2 |  | 1.6061 | 3 | 4 4 0 |  | 1.3162 | 2 | -5 4 2 |
|  |  |  | 2.1548 | 1 | -3 0 2 |  | 10 | 1.5813 | bracket | 1.5878 | 2 | 0 9 1 |  | 1.3145 | 2 | -4 6 3 |
|  |  |  | 2.1450 | 1 | 0 3 3 |  | 1.5827 | 1 | 1 3 4 |  | 10 | 1.2985 | bracket | 1.3098 | 1 | 0 11 1 |
| 19 | 2.137 | bracket | 2.1366 | 3 | 1 1 3 |  | 1.5803 | 1 | 4 3 1 |  | 1.3069 | 1 | 1 7 4 |
| 2.1338 | 2 | -2 1 3 |  | 1.5741 | 2 | 0 7 3 |  | 1.3008 | 1 | -1 5 5 |
| 2.1319 | 6 | -3 1 2 |  | 24 | 1.5577 | bracket | 1.5642 | 4 | 2 8 1 |  | 1.3003 | 2 | -3 8 3 |
|  |  |  | 2.1128 | 1 | 2 3 2 |  | 1.5630 | 1 | 3 5 2 |  | 1.2995 | 1 | -2 9 3 |
|  |  |  | 2.0994 | 2 | 1 5 2 |  | 1.5612 | 1 | 2 7 2 |  | 1.2953 | 1 | -2 10 2 |
|  |  |  | 2.0983 | 1 | 2 5 1 |  | 1.5561 | 1 | -2 4 4 |  | 1.2871 | 2 | -1 8 4 |
| 17 | 2.075 | bracket | 2.0716 | 5 | 1 2 3 |  | 1.5542 | 3 | -4 4 2 |  |  |  |  |  |  |  |
| 2.0687 | 9 | 3 2 1 |  | 1.5534 | 5 | 3 1 3 |  |  |  |  |  |  |  |
| 18 | 2.0094 | bracket | 2.0128 | 7 | -2 5 2 |  | 1.5520 | 3 | -3 1 4 |  |  |  |  |  |  |  |
| 2.0094 | 4 | 0 7 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.9973 | 1 | 3 4 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.9910 | 1 | -1 6 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Powder X-ray data for ríosecoite. Only calculated lines with *I* > 3 are shown.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |  | *I*obs | *d*obs |  | *d*calc | *I*calc | *hkl* |
| 21 | 11.62 |  | 11.6546 | 12 | 0 0 1 |  | 21 | 2.289 | bracket | 2.2886 | 10 | 0 3 2 |  |  |  |  | 1.5788 | 5 | -4-2 1 |
| 36 | 7.18 |  | 7.1610 | 15 | 0 1 0 |  | 2.2830 | 4 | 0 1 5 |  | 16 | 1.5691 | bracket | 1.5694 | 8 | 0 2 7 |
| 16 | 5.81 |  | 5.8519 | 8 | 0-1 1 |  |  |  |  | 2.2633 | 6 | -2 1 3 |  | 1.5680 | 12 | -4 1 0 |
| 7 | 5.36 |  | 5.3527 | 5 | 1 1 0 |  | 18 | 2.221 |  | 2.2204 | 22 | -2 2 1 |  | 1.5654 | 6 | -1 1 7 |
| 6 | 4.65 |  | 4.6272 | 8 | -1-1 1 |  | 8 | 2.161 |  | 2.1247 | 7 | -1 3 1 |  |  |  |  | 1.5540 | 4 | -2 3 4 |
| 14 | 4.57 |  | 4.5183 | 11 | -1 1 0 |  | 26 | 2.114 | bracket | 2.1175 | 4 | 2 3 0 |  | 13 | 1.5428 |  | 1.5427 | 15 | -4 1 1 |
| 35 | 4.239 | bracket | 4.2459 | 14 | 1 1 2 |  | 2.1105 | 17 | -1-3 2 |  | 17 | 1.5247 | bracket | 1.5336 | 11 | 4 1 4 |
| 4.2216 | 17 | -1 1 1 |  | 2.1020 | 10 | 2-2 2 |  | 1.5291 | 7 | 1-3 5 |
| 7 | 3.894 |  | 3.8849 | 22 | 0 0 3 |  | 13 | 2.075 |  | 2.0791 | 13 | 1-3 1 |  | 1.5259 | 6 | 3 4 0 |
|  |  |  | 3.6953 | 14 | -1-1 2 |  | 13 | 2.048 | bracket | 2.0562 | 5 | 1 2 5 |  | 1.5196 | 5 | 1 4 5 |
| 100 | 3.578 | bracket | 3.5805 | 55 | 0 2 0 |  | 2.0509 | 11 | 3 2 0 |  | 1.5188 | 4 | 3-2 4 |
| 3.5636 | 27 | 0 1 3 |  | 2.0363 | 7 | -1-1 5 |  |  |  |  | 1.5138 | 4 | -4-2 2 |
| 3.5600 | 18 | 1-1 2 |  |  |  |  | 2.0162 | 6 | 3-1 1 |  | 30 | 1.4914 | bracket | 1.4949 | 4 | -3 3 1 |
|  |  |  | 3.4838 | 4 | 1 0 3 |  | 19 | 2.0149 |  | 2.0140 | 19 | 2 1 5 |  | 1.4927 | 18 | 3 4 3 |
| 41 | 3.361 | bracket | 3.3913 | 26 | 1 2 1 |  | 17 | 1.9712 |  | 1.9778 | 11 | 2 3 3 |  | 1.4898 | 11 | -4 0 3 |
| 3.3326 | 19 | 0-2 1 |  | 8 | 1.9332 |  | 1.9477 | 10 | 2-2 3 |  | 1.4865 | 7 | -3-4 1 |
| 27 | 3.249 | bracket | 3.2831 | 15 | 0-1 3 |  | 13 | 1.8937 | bracket | 1.9072 | 4 | -2-3 2 |  | 14 | 1.4650 | bracket | 1.4739 | 4 | -2 4 1 |
| 3.2443 | 8 | -1 0 3 |  | 1.8923 | 5 | 2 2 5 |  | 1.4717 | 10 | 2 4 5 |
| 3.2412 | 15 | 2 1 0 |  | 23 | 1.8486 | bracket | 1.8488 | 7 | -3-1 3 |  | 1.4612 | 5 | 1 5 1 |
| 3.2274 | 5 | 2 1 1 |  | 1.8476 | 7 | -2-2 4 |  | 15 | 1.4355 | bracket | 1.4423 | 5 | 4 1 5 |
|  |  |  | 3.1927 | 4 | 0 2 2 |  | 1.8426 | 6 | 3 0 4 |  | 1.4377 | 8 | 3-1 6 |
| 43 | 3.142 |  | 3.1414 | 40 | -2 0 1 |  | 1.8416 | 25 | -2 0 5 |  | 1.4364 | 4 | 3 4 4 |
|  |  |  | 3.1272 | 5 | 1 2 2 |  |  |  |  | 1.8317 | 6 | 2-1 5 |  | 1.4356 | 4 | -3-3 4 |
|  |  |  | 3.0276 | 7 | -2-1 1 |  | 22 | 1.8211 |  | 1.8191 | 17 | 1 4 1 |  |  |  |  | 1.4282 | 4 | -3-4 2 |
| 68 | 3.006 | bracket | 3.0041 | 66 | 2 0 2 |  | 26 | 1.7889 | bracket | 1.7960 | 6 | 0 4 1 |  | 14 | 1.4109 | bracket | 1.4191 | 9 | -1-3 6 |
| 2.9941 | 15 | 2 1 2 |  | 1.7904 | 29 | -2-1 5 |  | 1.4153 | 4 | 3 3 6 |
|  |  |  | 2.9548 | 4 | -1 1 3 |  | 1.7805 | 5 | 1-1 6 |  | 1.4139 | 6 | 4-1 4 |
|  |  |  | 2.9260 | 11 | 0-2 2 |  |  |  |  | 1.7651 | 8 | 2 1 6 |  | 8 | 1.3938 | bracket | 1.4069 | 6 | 2 3 7 |
| 29 | 2.914 |  | 2.9137 | 43 | 0 0 4 |  |  |  |  | 1.7640 | 4 | 0-3 4 |  | 1.4013 | 8 | 3-3 3 |
|  |  |  | 2.8345 | 9 | 1-2 1 |  | 17 | 1.7483 | bracket | 1.7555 | 4 | 0 3 5 |  | 1.3997 | 12 | -1 0 8 |
| 71 | 2.784 | bracket | 2.7992 | 21 | -2 0 2 |  | 1.7441 | 6 | 0-4 1 |  | 1.3887 | 4 | 3 0 7 |
| 2.7802 | 6 | -1-2 2 |  | 1.7419 | 9 | 2 0 6 |  |  |  |  | 1.3846 | 4 | 3 2 7 |
| 2.7710 | 38 | 0 2 3 |  | 1.7376 | 5 | -3 2 1 |  | 13 | 1.3727 | bracket | 1.3795 | 5 | 2 5 3 |
| 23 | 2.682 | bracket | 2.6946 | 6 | -2-1 2 |  | 14 | 1.7198 | bracket | 1.7168 | 4 | 2 4 1 |  | 1.3732 | 10 | -4 2 2 |
| 2.6763 | 15 | 2 2 0 |  | 1.7085 | 4 | 2-3 2 |  | 1.3713 | 7 | -1-5 2 |
|  |  |  | 2.6554 | 4 | 2 1 3 |  | 27 | 1.6920 | bracket | 1.7037 | 4 | 3-1 4 |  |  |  |  | 1.3611 | 7 | 2-4 3 |
|  |  |  | 2.6113 | 4 | 0-1 4 |  | 1.7014 | 6 | 2 4 0 |  |  |  |  | 1.3472 | 4 | 4 1 6 |
| 12 | 2.587 | bracket | 2.5901 | 5 | 2-1 2 |  | 1.6893 | 14 | 4 1 0 |  | 23 | 1.3352 | bracket | 1.3419 | 5 | -2 4 4 |
| 2.5709 | 13 | 2 2 2 |  | 1.6879 | 5 | 2 3 5 |  | 1.3399 | 5 | 4 3 5 |
| 14 | 2.538 |  | 2.5330 | 8 | -2-2 1 |  | 22 | 1.6650 | bracket | 1.6748 | 14 | 1-3 4 |  | 1.3382 | 4 | 4 4 0 |
|  |  |  | 2.5275 | 5 | -2 1 2 |  | 1.6713 | 9 | 4 0 1 |  | 1.3358 | 4 | 4-1 5 |
|  |  |  | 2.5135 | 5 | 0-2 3 |  | 1.6705 | 7 | 4 1 2 |  | 1.3338 | 15 | 1-5 1 |
|  |  |  | 2.4556 | 4 | -1 1 4 |  | 1.6578 | 18 | 0 1 7 |  | 1.3333 | 6 | -2-2 7 |
| 10 | 2.444 |  | 2.4418 | 12 | 1-1 4 |  | 28 | 1.6287 | bracket | 1.6282 | 12 | 1-4 1 |  |  |  |  | 1.3235 | 5 | -4 2 3 |
|  |  |  | 2.4221 | 5 | -1-1 4 |  | 1.6273 | 21 | -2 2 5 |  | 11 | 1.3109 | bracket | 1.3101 | 4 | -1 5 3 |
| 27 | 2.385 | bracket | 2.3899 | 6 | 1 3 1 |  | 1.6259 | 5 | 1 4 4 |  | 1.3084 | 12 | -1 4 6 |
| 2.3870 | 8 | 0 3 0 |  | 14 | 1.5880 | bracket | 1.5879 | 9 | 0-1 7 |  | 1.3072 | 7 | -4 0 5 |
| 2.3781 | 4 | 1 3 0 |  | 1.5853 | 4 | -1 0 7 |  |  |  |  |  |  |  |
| 2.3763 | 9 | 0 2 4 |  | 1.5842 | 6 | 0 3 6 |  |  |  |  |  |  |  |
|  |  |  | 2.3136 | 7 | -2-2 2 |  | 1.5822 | 7 | -3-2 4 |  |  |  |  |  |  |  |