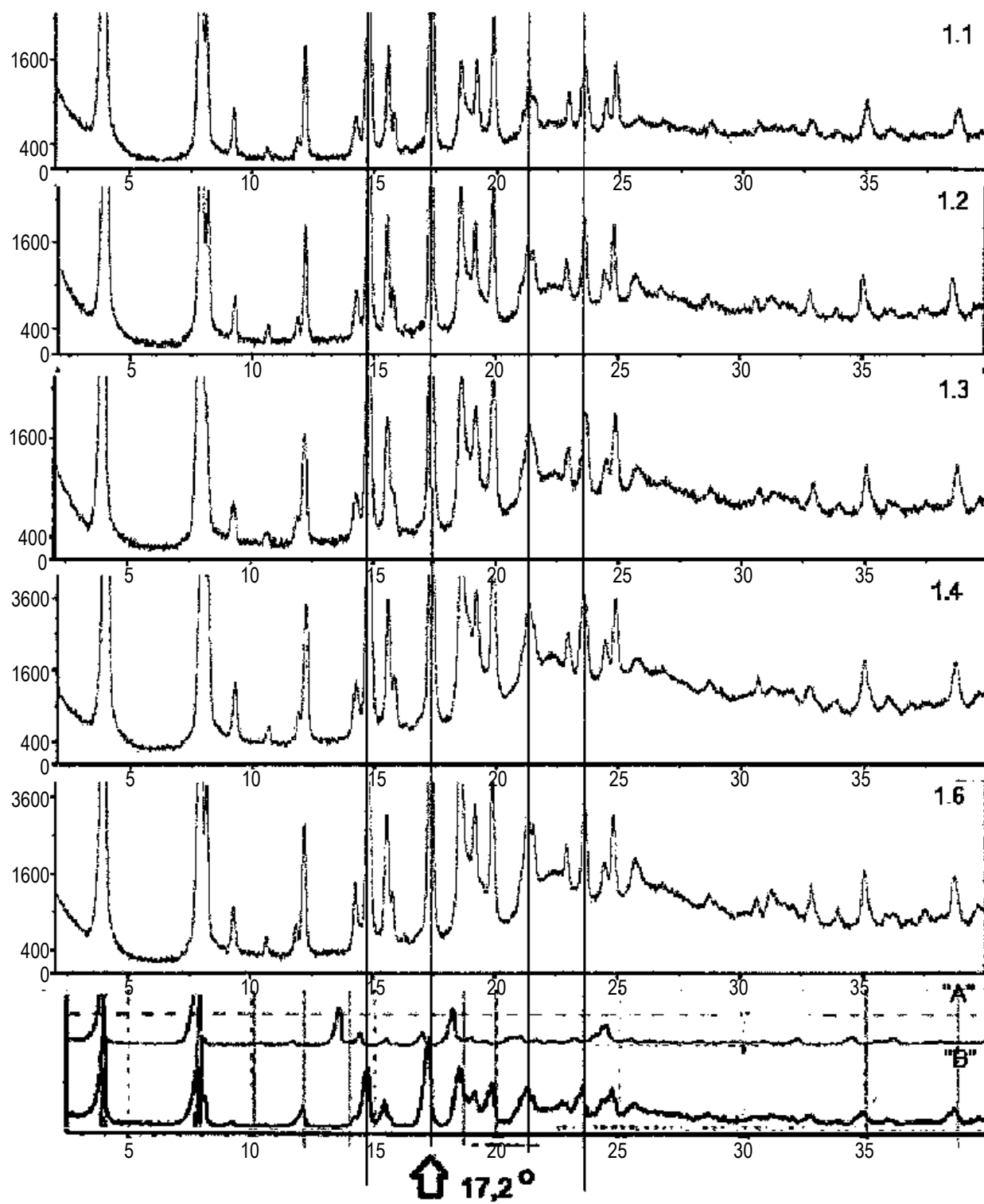
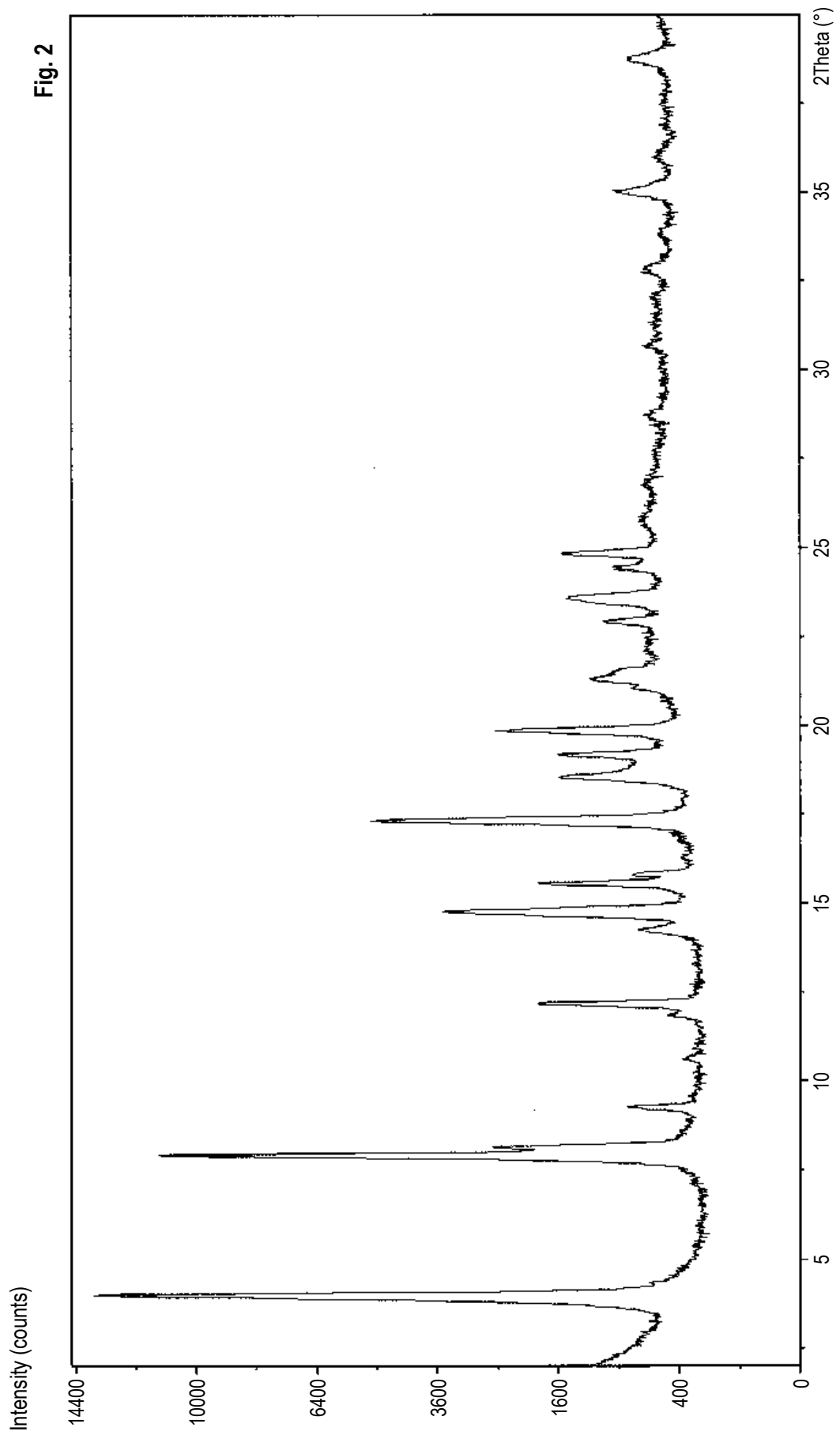
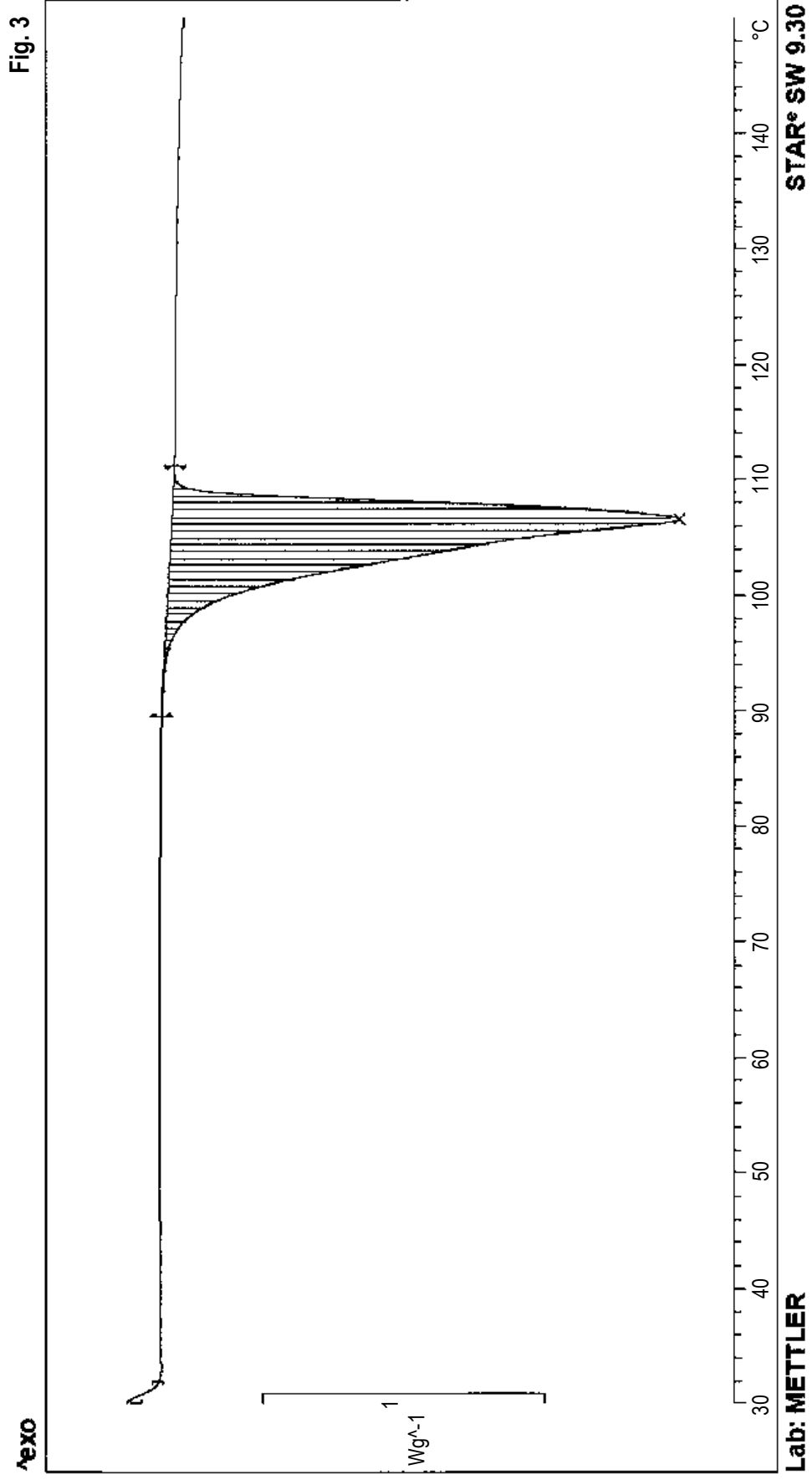


Fig. 1







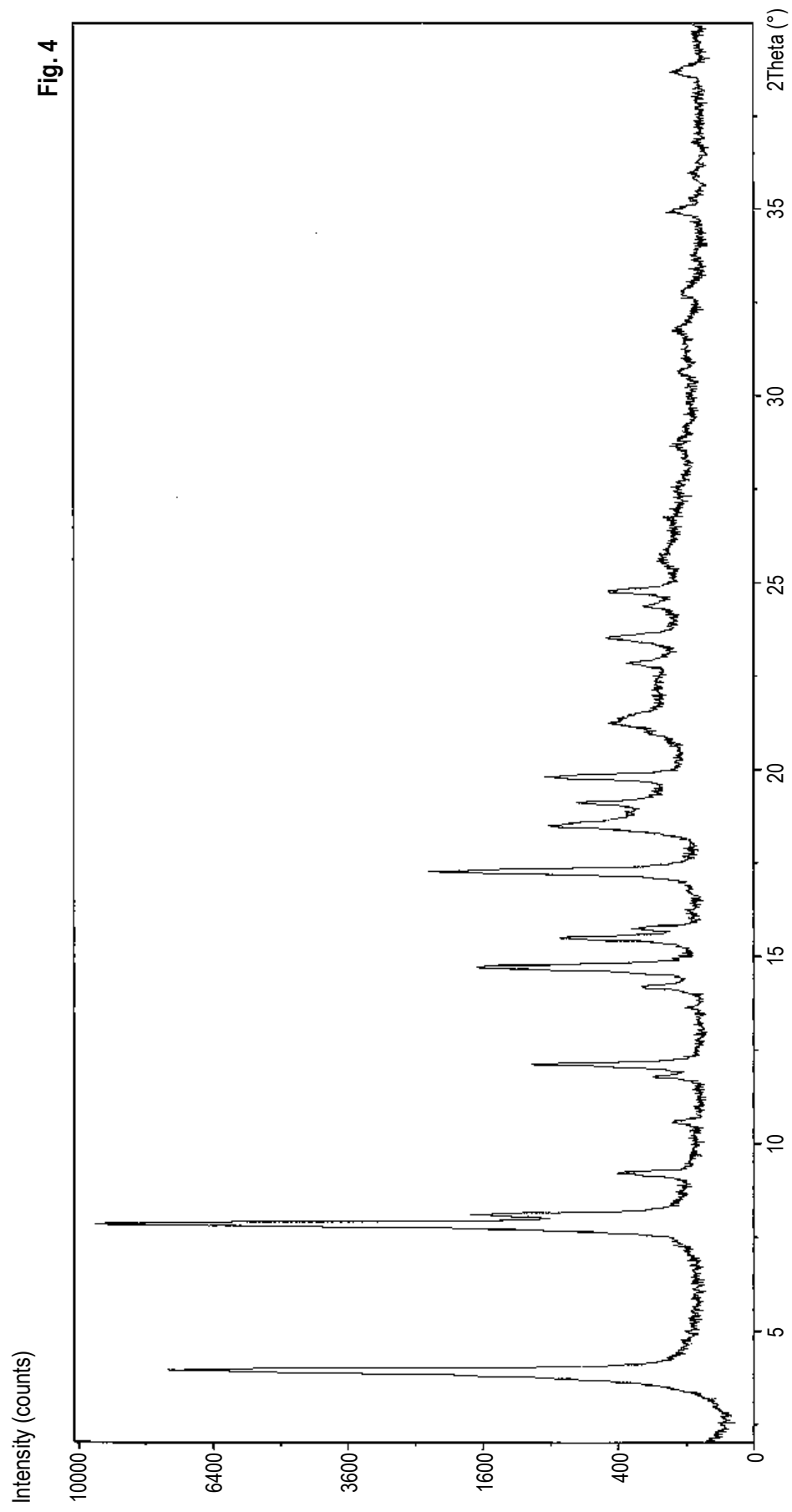
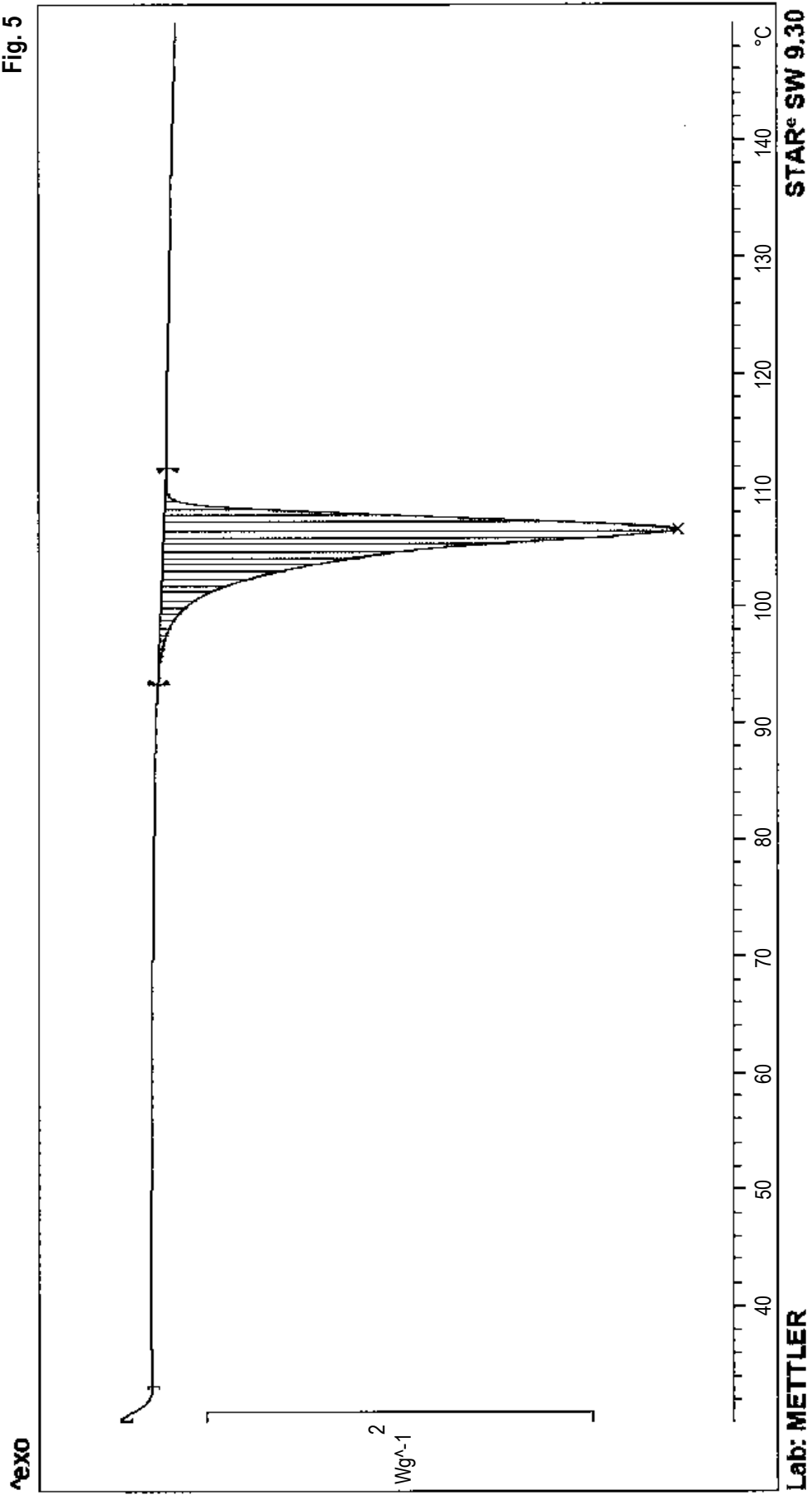
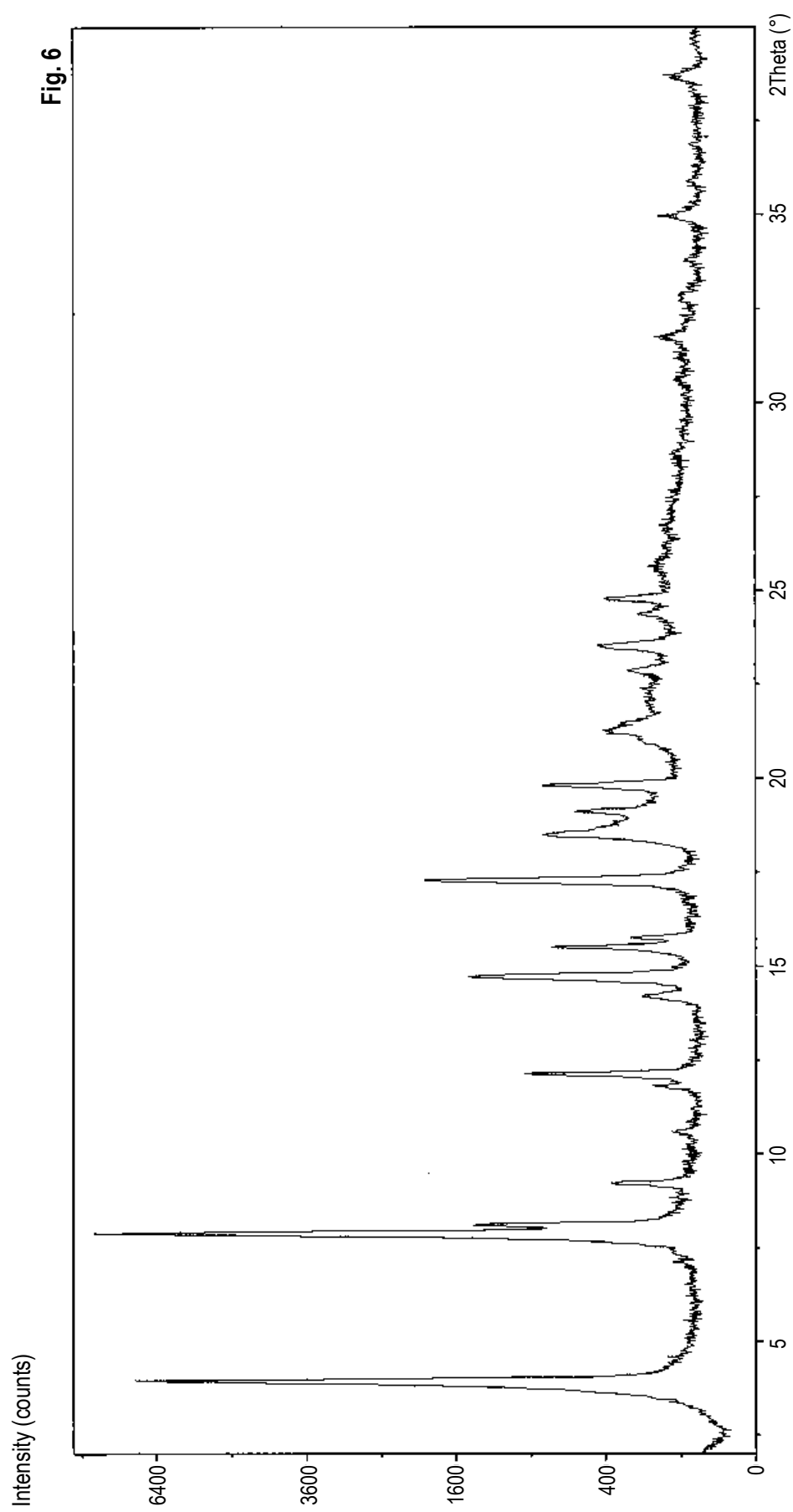
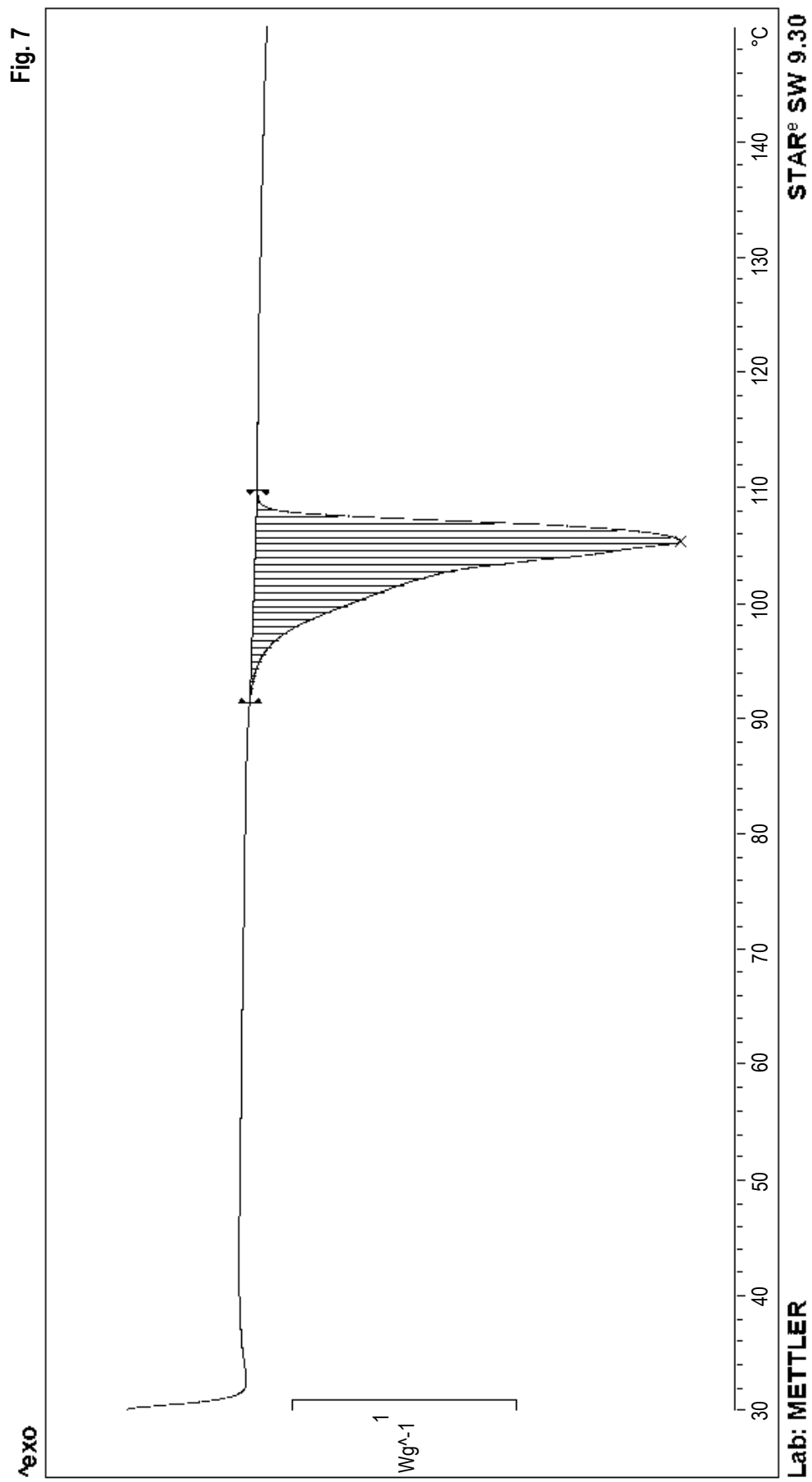
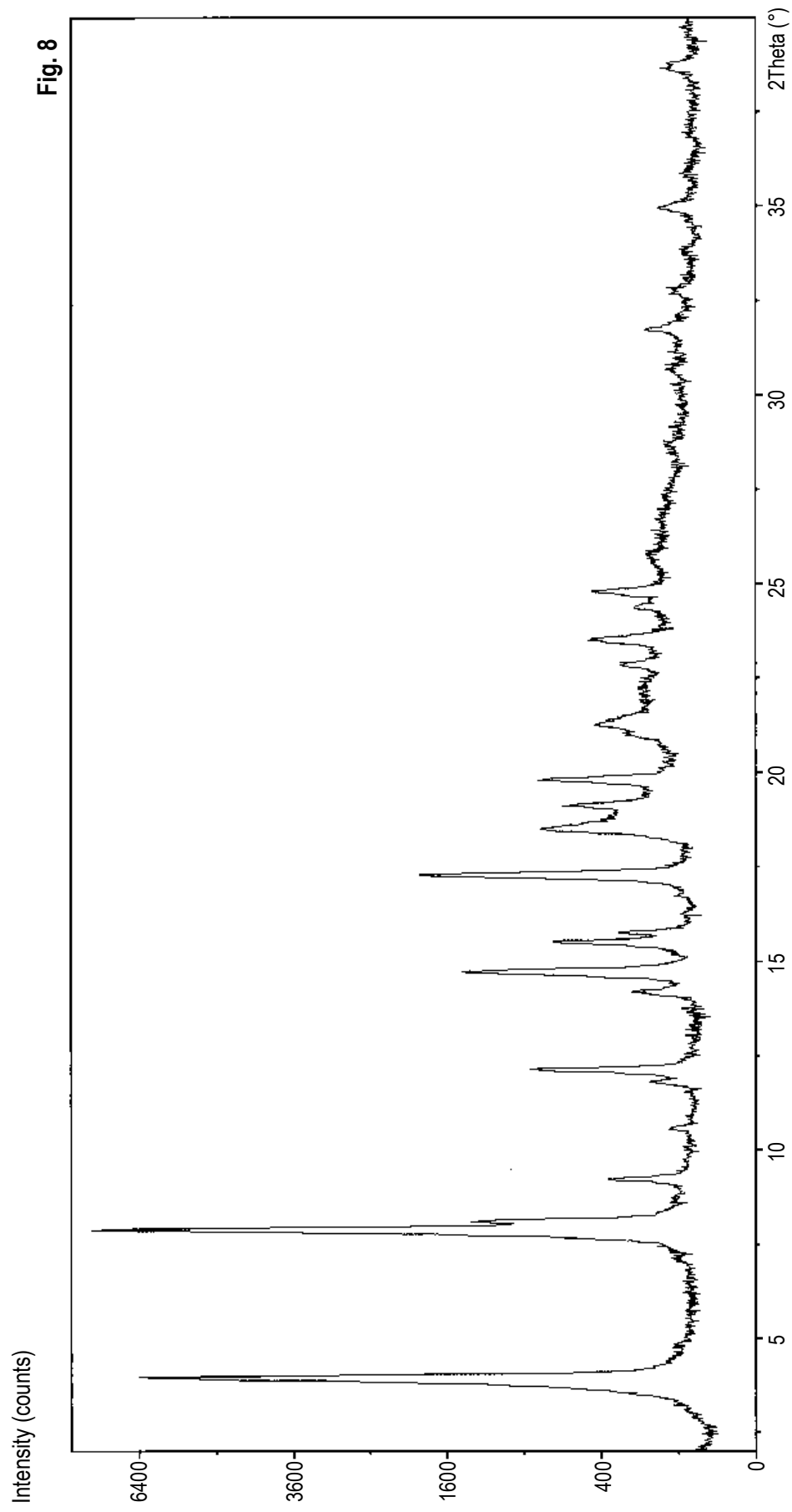


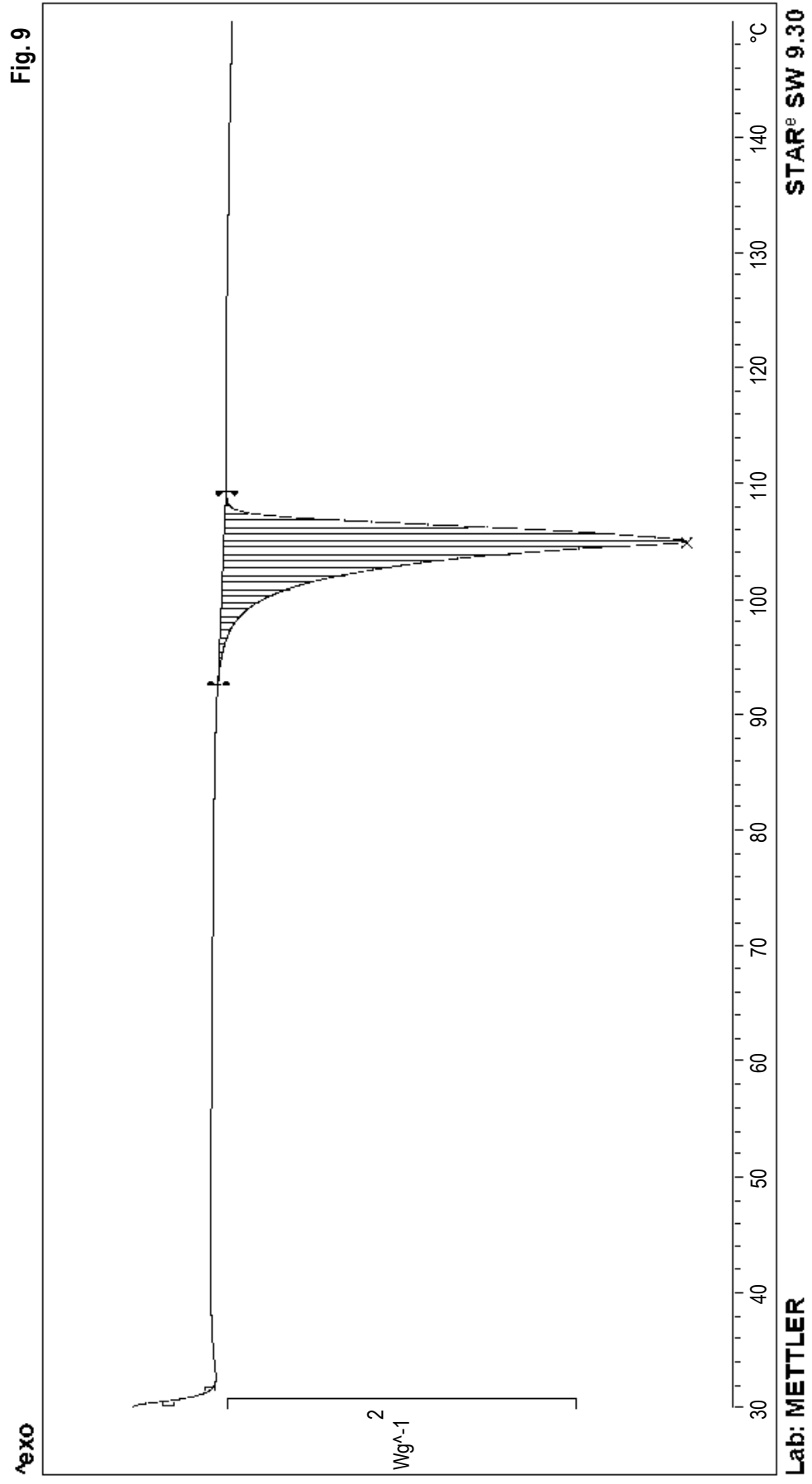
Fig. 5

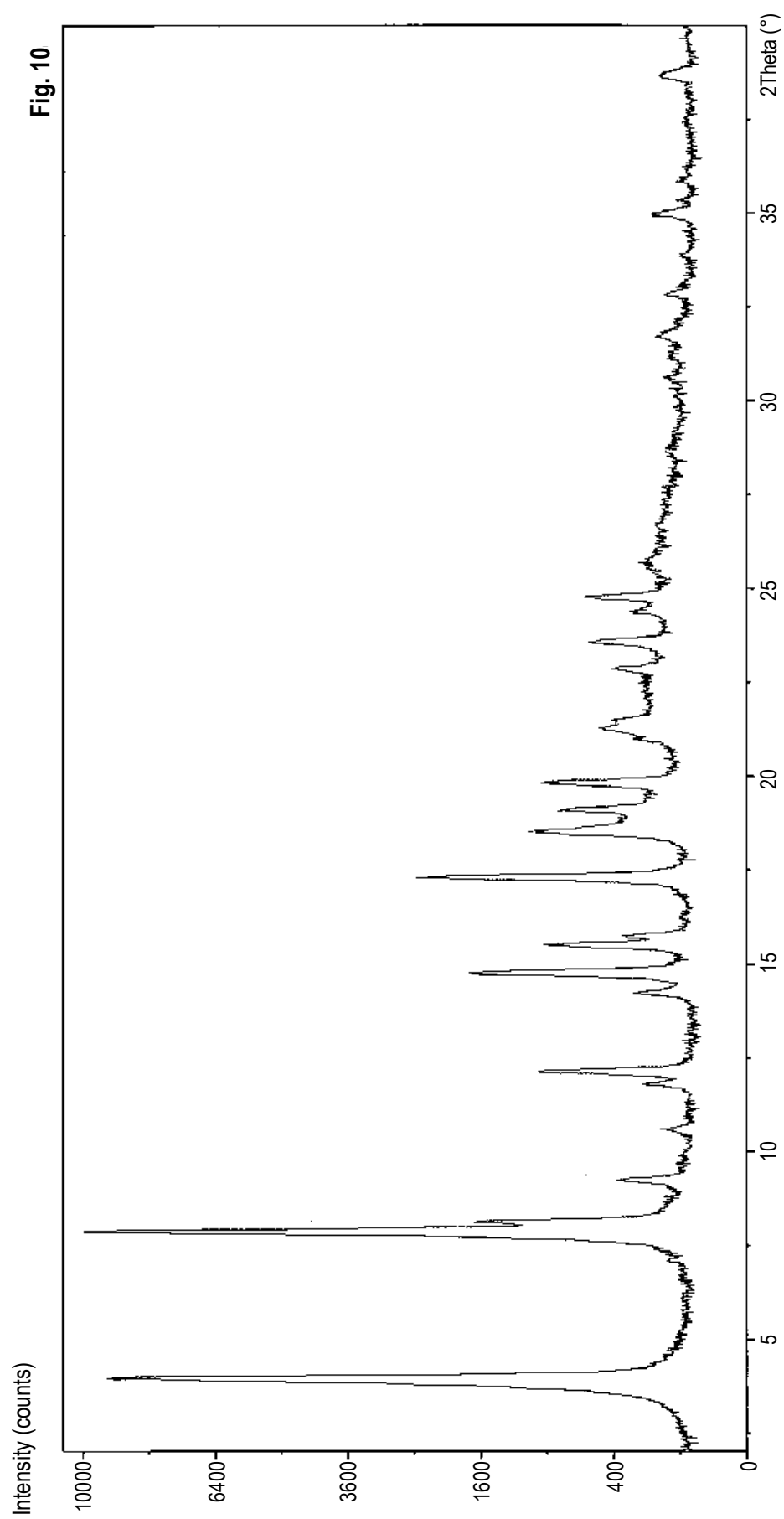


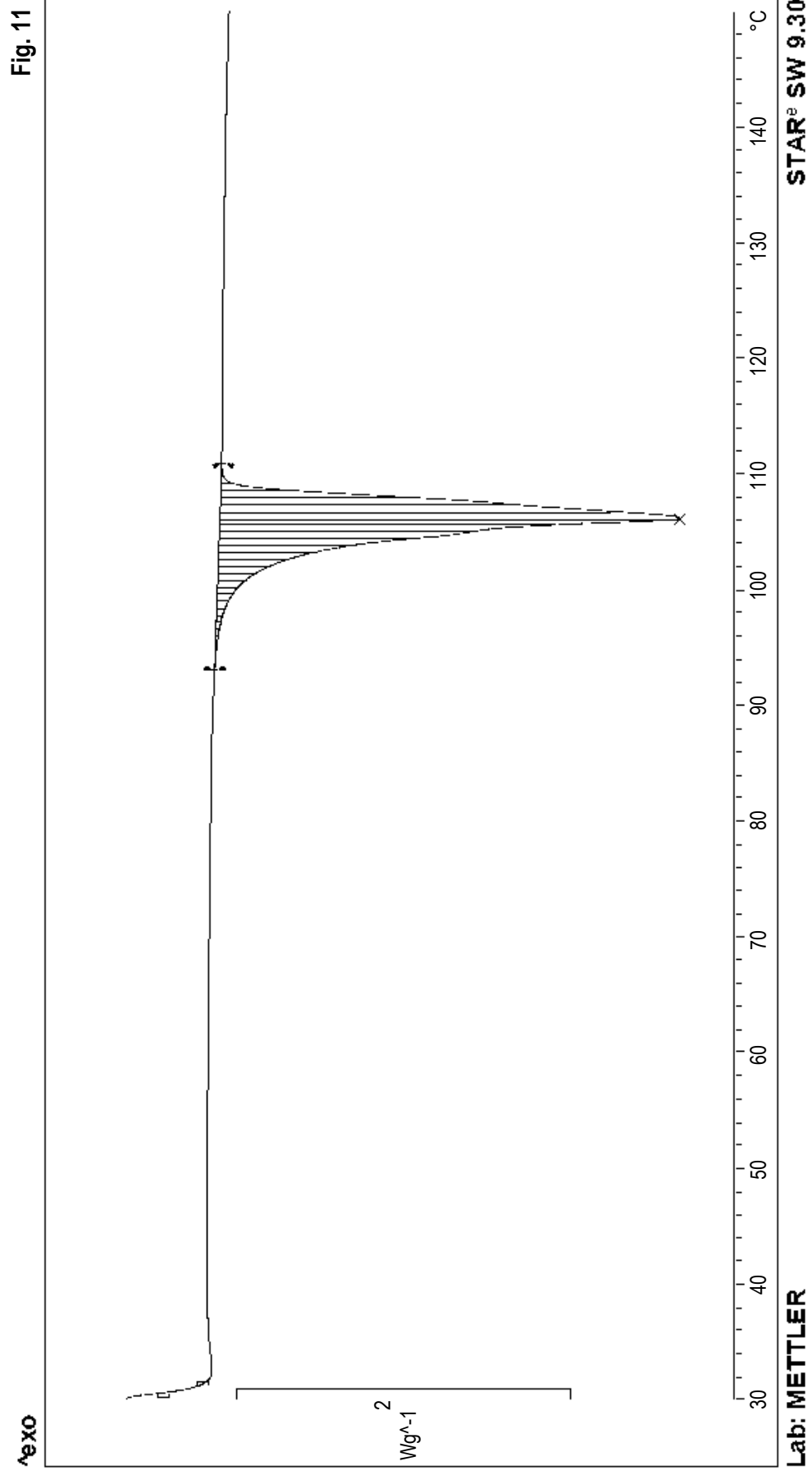


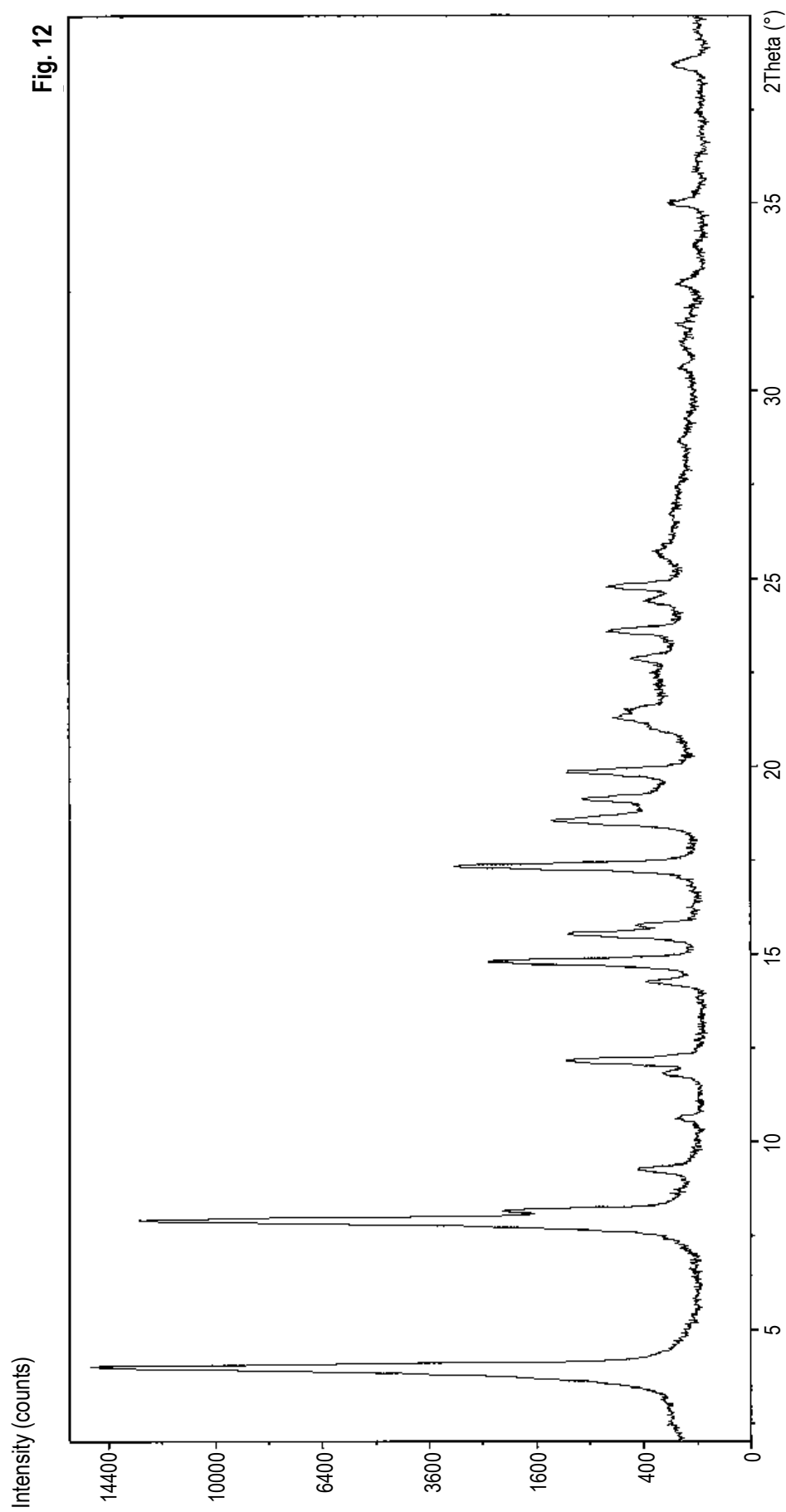


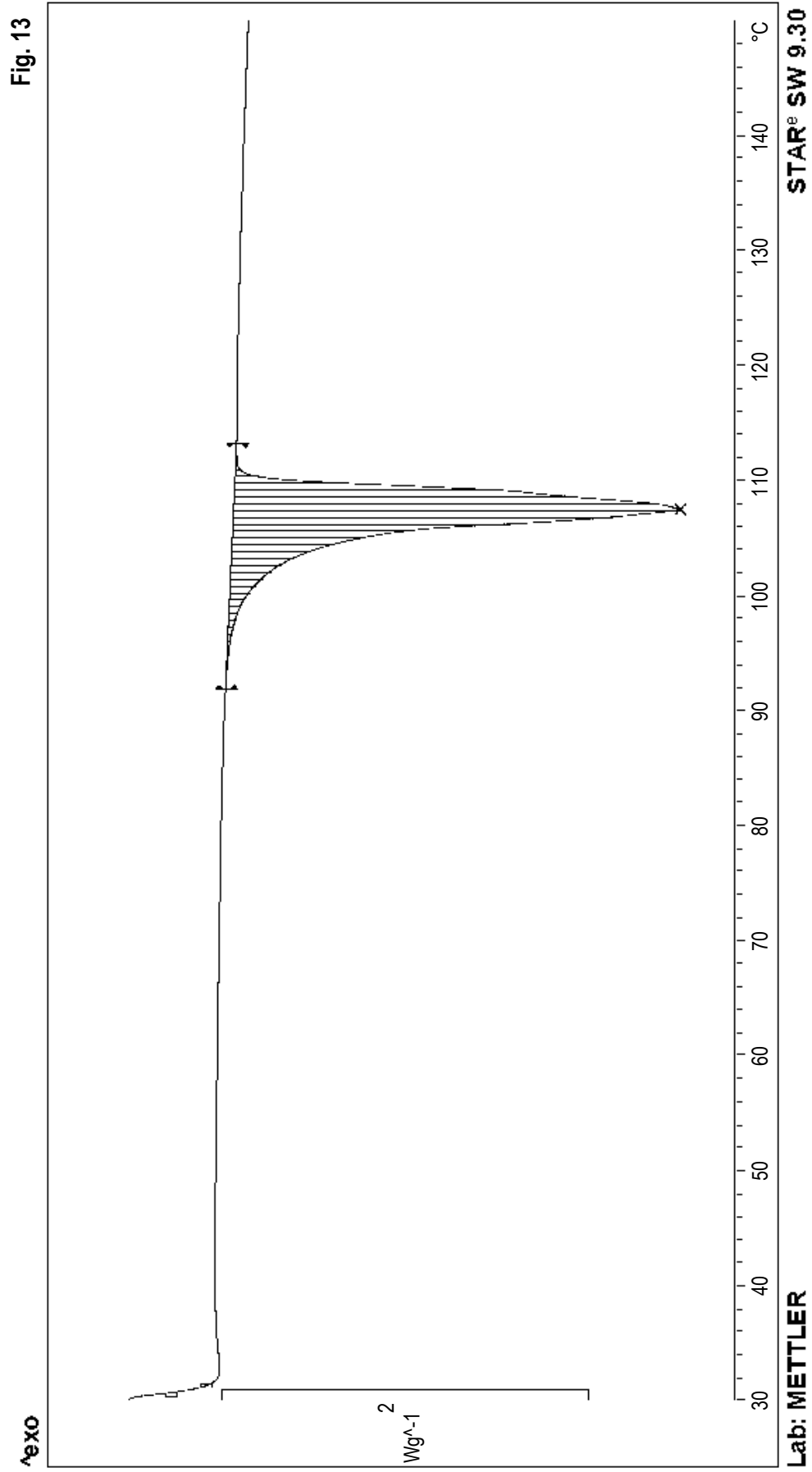


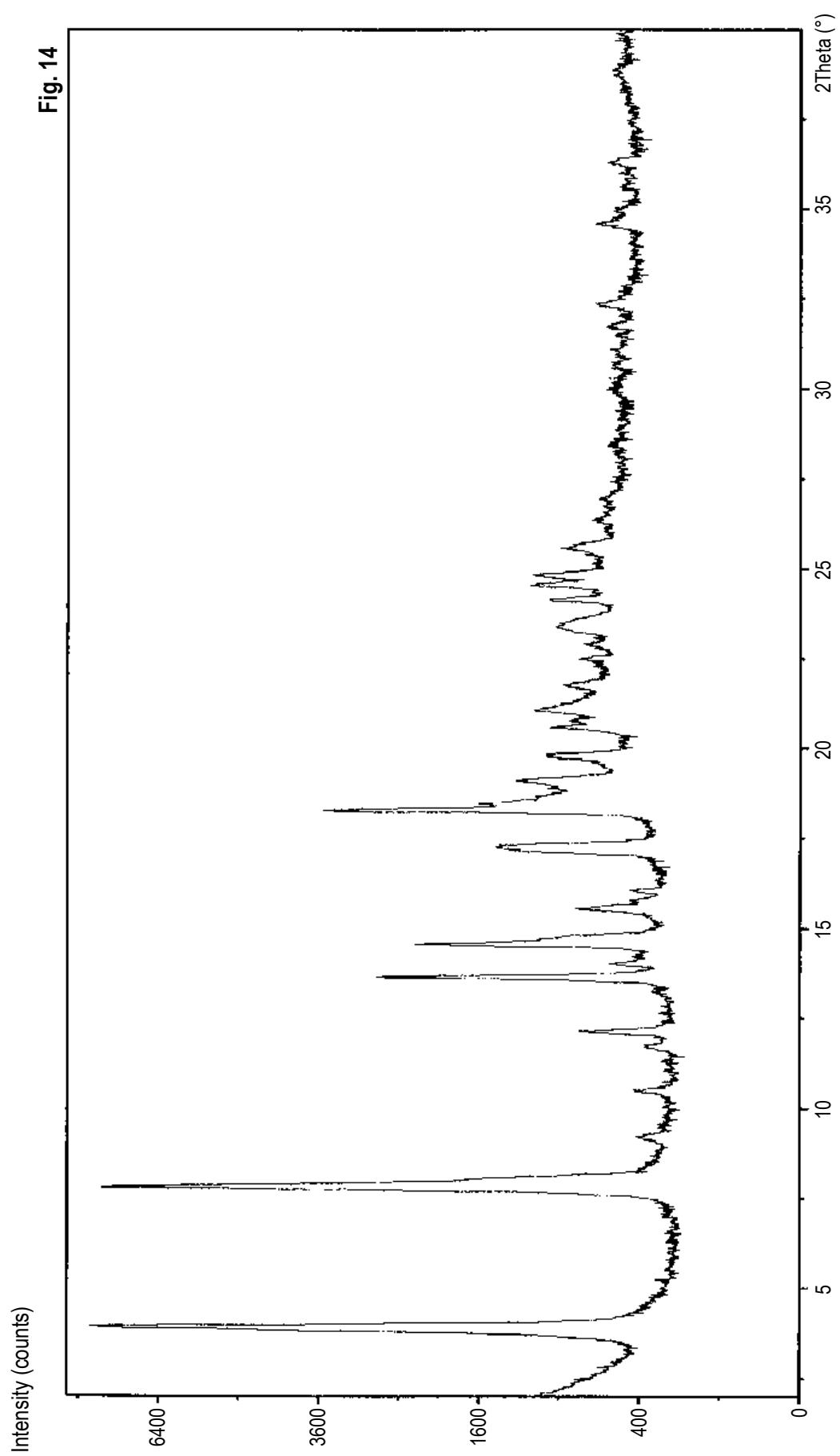


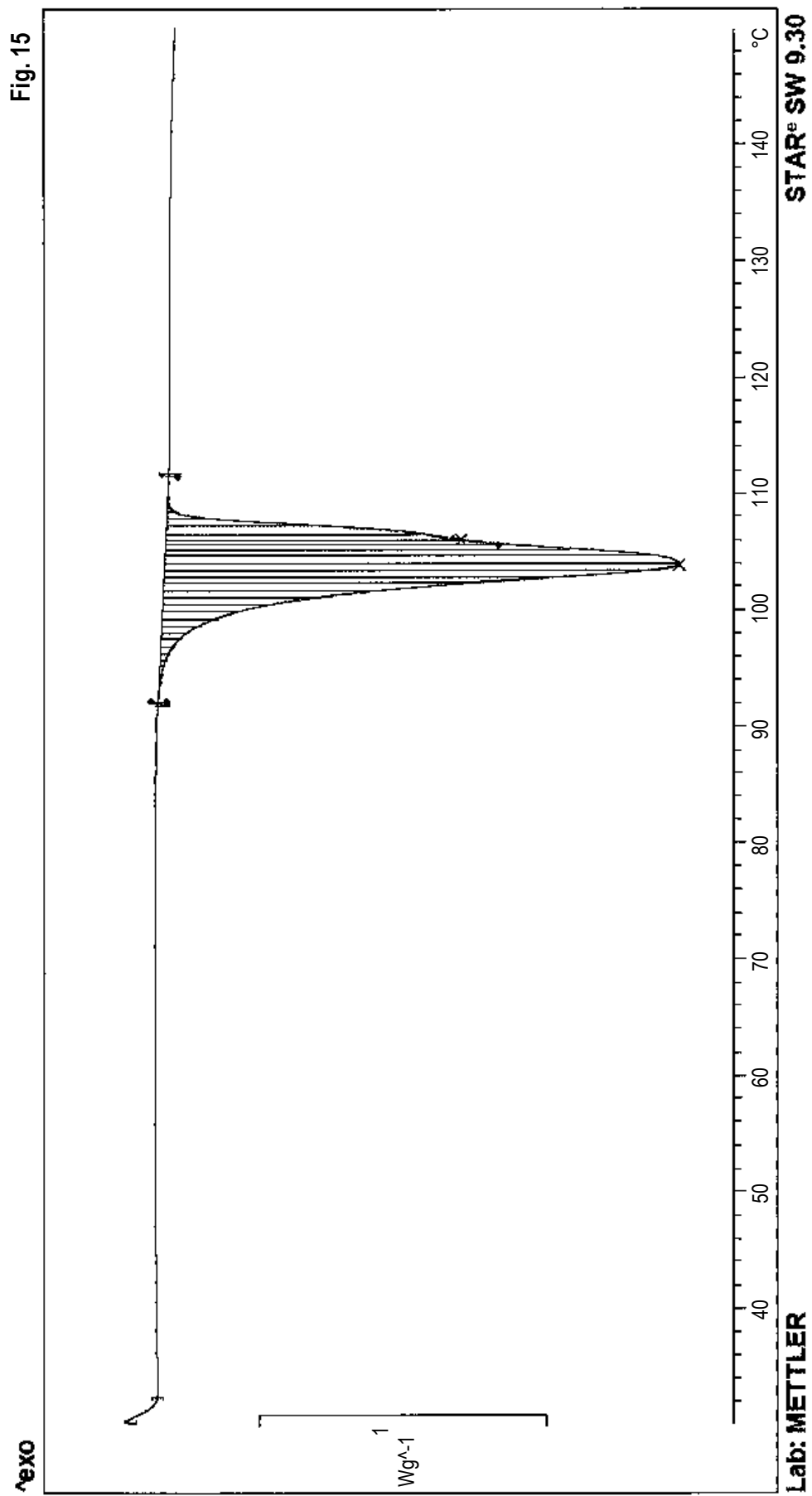












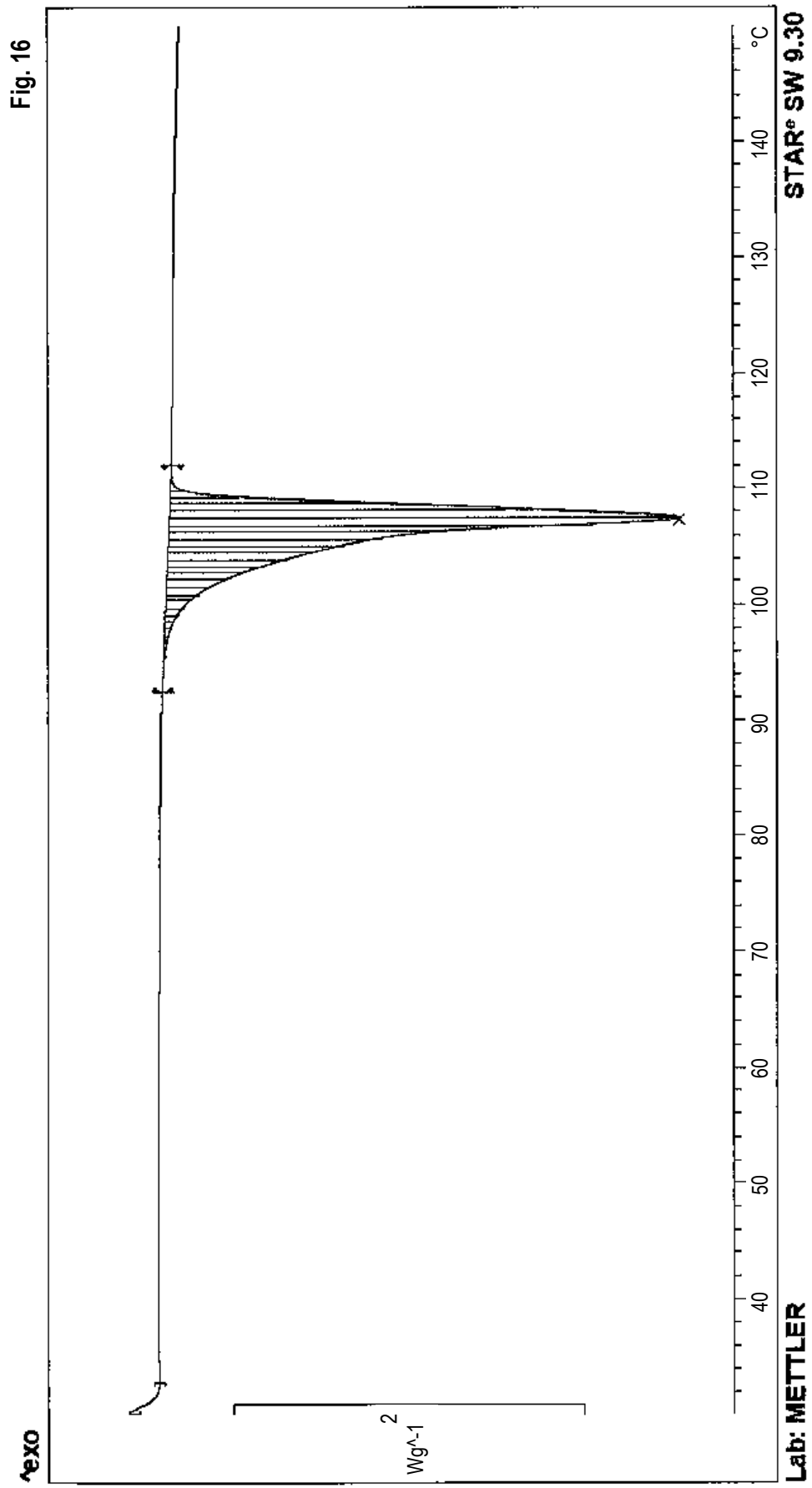
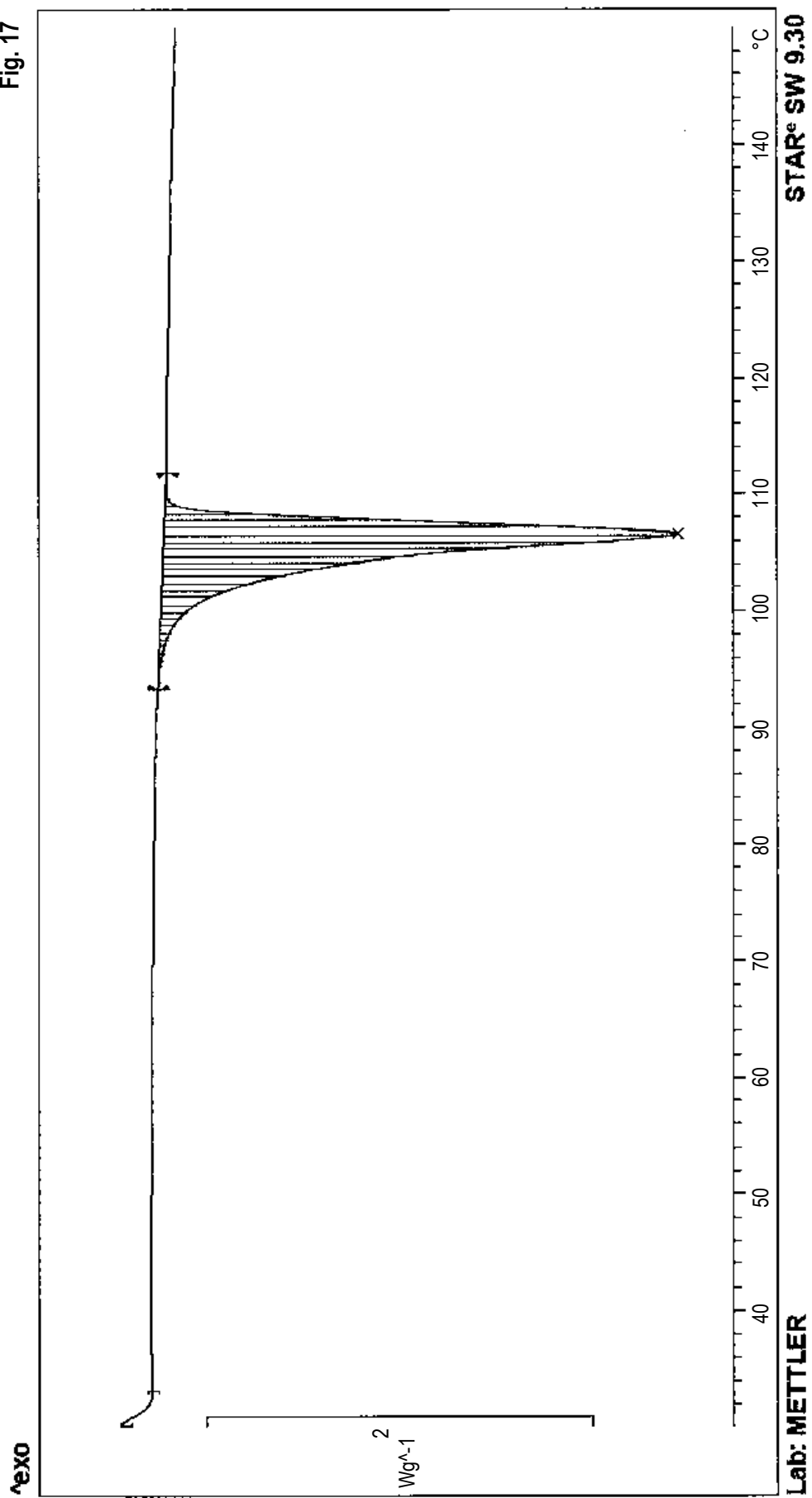
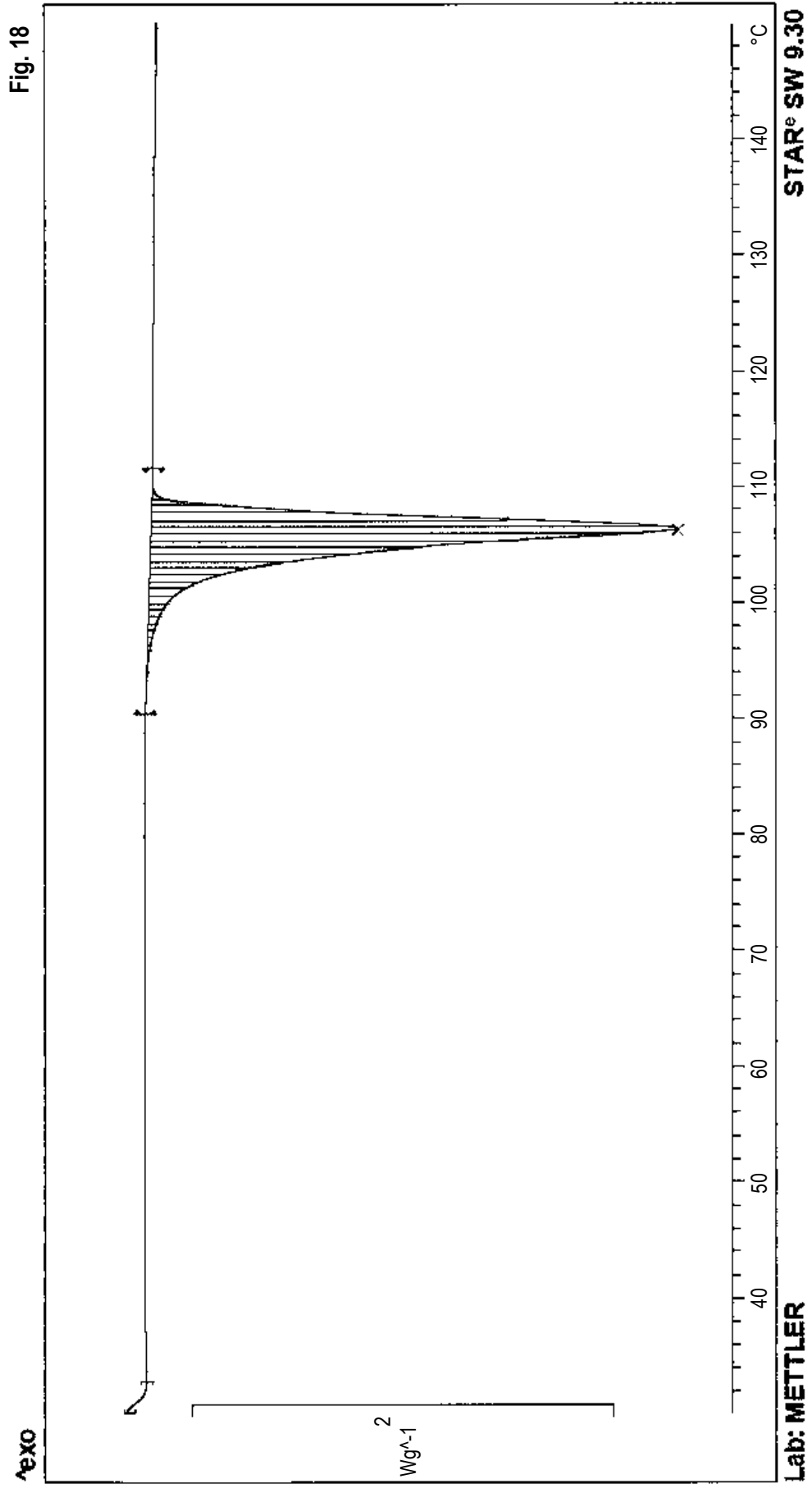
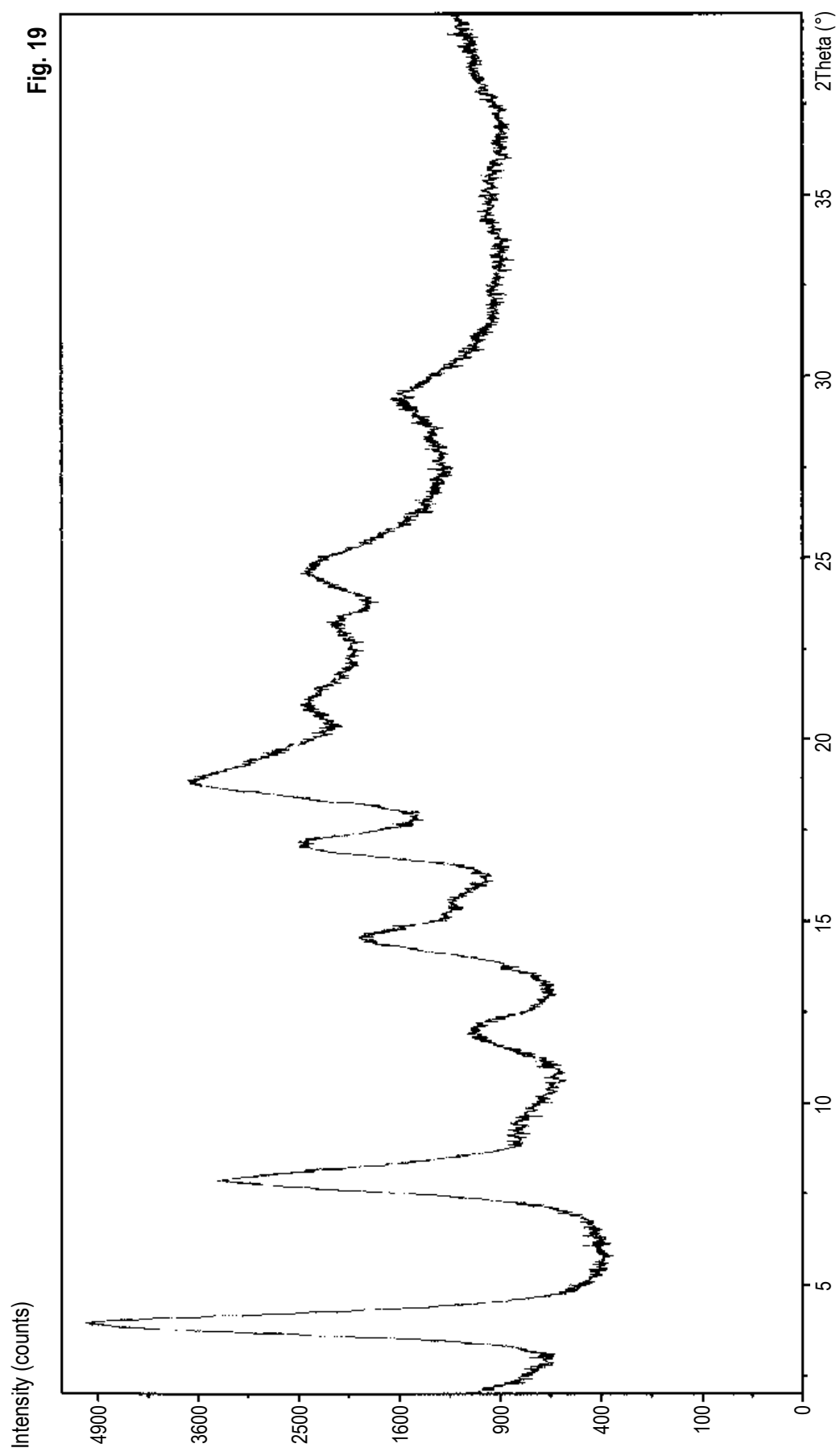


Fig. 17







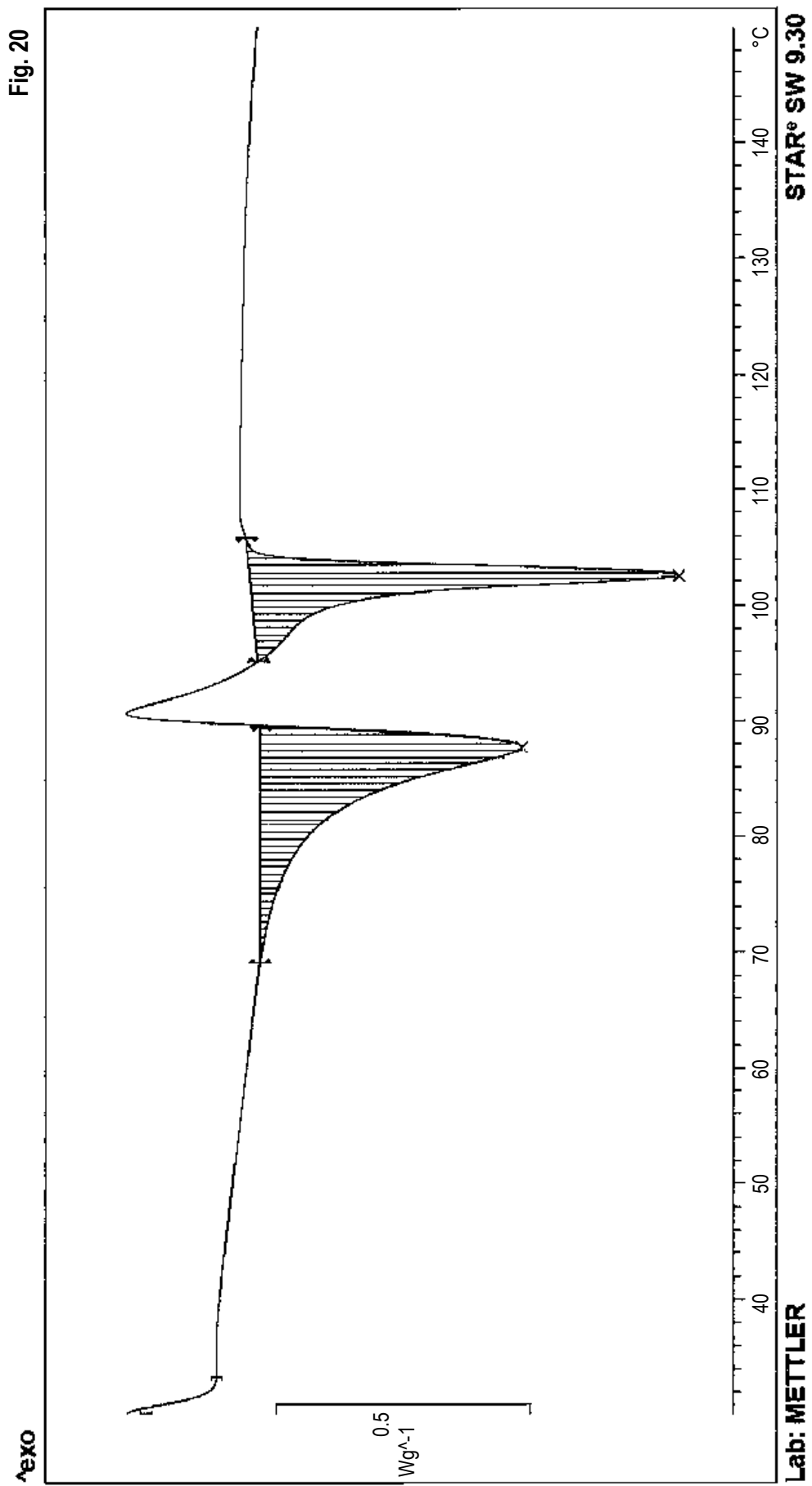
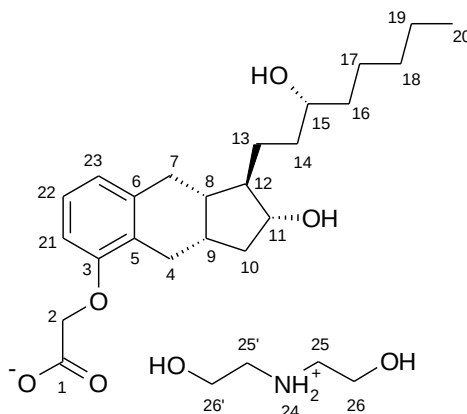


Fig. 21



| Numbering | <sup>13</sup> C (ppm) | <sup>1</sup> H (ppm)        | Number of <sup>1</sup> H | Multiplicity             | Coupling constant (Hz)<br>(+/- 0.2Hz)                                                                                           |
|-----------|-----------------------|-----------------------------|--------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1         | 172.27                | -                           | -                        | -                        |                                                                                                                                 |
| 2         | 67.18                 | 4.27                        | 2                        | s                        |                                                                                                                                 |
| 3         | 155.48                | -                           | -                        | -                        |                                                                                                                                 |
| 4         | 25.72                 | 4β: 2.735<br>4α: 2.40*      | 1<br>1                   | dd<br>m (dd)             | J <sub>4gem</sub> =14.6; J <sub>4β,9</sub> =6.2<br>J <sub>4α,9</sub> =6.8                                                       |
| 5         | 126.43                | -                           | -                        | -                        |                                                                                                                                 |
| 6         | 140.12                | -                           | -                        | -                        |                                                                                                                                 |
| 7         | 33.49                 | 7β: 2.66<br>7α: 2.37*       | 1<br>1                   | dd<br>m (dd)             | J <sub>7gem</sub> =14.2; J <sub>7β,8</sub> =6.2<br>J <sub>7α,8</sub> =6.7                                                       |
| 8         | 40.57                 | 1.74                        | 1                        | m (dddd/tt)              | J <sub>8,9</sub> =10.0; J <sub>8,12</sub> =9.0                                                                                  |
| 9         | 32.50                 | 2.09                        | 1                        | m (dddd)                 |                                                                                                                                 |
| 10        | 41.21                 | 10β: 1.96<br>10α: 1.01      | 1<br>1                   | m (ddd/dt)<br>m (ddd/dt) | J <sub>10gem</sub> =11.8; J <sub>9,10β</sub> ~7.0;<br>J <sub>10β,11</sub> ~6.2<br>J <sub>9,10α</sub> ~J <sub>10α,11</sub> ~10.2 |
| 11        | 75.51                 | 3.47                        | 1                        | m (td)                   | J <sub>11,12</sub> =9.5                                                                                                         |
| 12        | 51.54                 | 1.10                        | 1                        | tt                       | J <sub>12,13</sub> =6.1                                                                                                         |
| 13        | 28.37                 | 13a: 1.605<br>13b: 1.31**   | 1<br>1                   | m (dq)<br>m              |                                                                                                                                 |
| 14        | 35.04                 | 14a: 1.445**<br>14b: 1.42** | 1<br>1                   | m<br>m                   |                                                                                                                                 |
| 15        | 70.13                 | 3.35                        | 1                        | m (tt)                   | 7.1, 4.1                                                                                                                        |
| 16        | 37.04                 | 16a: 1.34**<br>16b: 1.28**  | 1<br>1                   | m<br>m                   |                                                                                                                                 |
| 17        | 24.94                 | 17a: 1.37**<br>17b: 1.25**  | 1<br>1                   | m<br>m                   |                                                                                                                                 |
| 18        | 31.52                 | 18a: 1.26**<br>18b: 1.19**  | 1<br>1                   | m<br>m                   |                                                                                                                                 |
| 19        | 22.16                 | 1.27**                      | 2                        | m                        |                                                                                                                                 |
| 20        | 13.95                 | 0.865                       | 3                        | t                        | J <sub>19,20</sub> =7.0                                                                                                         |
| 21        | 109.42                | 6.61                        | 1                        | d                        | J <sub>21,22</sub> =8.2                                                                                                         |
| 22        | 125.64                | 6.98                        | 1                        | t                        | J <sub>22,23</sub> =7.4                                                                                                         |
| 23        | 119.69                | 6.68                        | 1                        | d                        |                                                                                                                                 |
| 25, 25'   | 49.66                 | 2.885                       | 4                        | t                        | J <sub>25,26</sub> =5.4                                                                                                         |
| 26, 26'   | 57.29                 | 3.595                       | 4                        | t                        |                                                                                                                                 |