

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Si</b>	<b>(0,6,10)</b>	<b>13.311</b>	<b>82.74</b>	<b>5.5947</b>	<b>4.74</b>	<b>1.7095</b>	<b>8.1</b>	<b>21.37</b>	<b>22.85</b>
	Equiv. Refl.: (0,10,6), (6,0,10), (6,6,8), (6,8,6), (6,10,0), (8,6,6), (10,0,6), (10,6,0)								
<b>Ge</b>	<b>(0,0,12)</b>	<b>13.149</b>	<b>78.49</b>	<b>3.0115</b>	<b>6.52</b>	<b>2.7314</b>	<b>17.8</b>	<b>34.14</b>	<b>38.5</b>
	Equiv. Refl.: (0,12,0), (4,8,8), (8,4,8), (8,8,4), (12,0,0)								
<b>Si</b>	<b>(0,8,8)</b>	<b>12.914</b>	<b>74.23</b>	<b>2.6479</b>	<b>2.45</b>	<b>3.7894</b>	<b>9.27</b>	<b>47.37</b>	<b>48.27</b>
	Equiv. Refl.: (8,0,8), (8,8,0)								
<b>Ge</b>	<b>(0,6,10)</b>	<b>12.779</b>	<b>72.23</b>	<b>2.2388</b>	<b>4.68</b>	<b>4.3002</b>	<b>20.11</b>	<b>53.75</b>	<b>57.39</b>
	Equiv. Refl.: (0,10,6), (6,0,10), (6,6,8), (6,8,6), (6,10,0), (8,6,6), (10,0,6), (10,6,0)								
<b>Ge</b>	<b>(1,5,11)</b>	<b>13.286</b>	<b>81.92</b>	<b>2.1832</b>	<b>6.31</b>	<b>1.9062</b>	<b>12.04</b>	<b>23.83</b>	<b>26.7</b>
	Equiv. Refl.: (1,11,5), (5,1,11), (5,11,1), (7,7,7), (11,1,5), (11,5,1)								
<b>Si</b>	<b>(1,3,11)</b>	<b>13.064</b>	<b>76.8</b>	<b>1.7863</b>	<b>1.98</b>	<b>3.1475</b>	<b>6.23</b>	<b>39.34</b>	<b>39.83</b>
	Equiv. Refl.: (1,7,9), (1,9,7), (1,11,3), (3,1,11), (3,11,1), (5,5,9), (5,9,5), (7,1,9), (7,9,1), (9,1,7), (9,5,5), (9,7,1), (11,1,3), (11,3,1)								
<b>Si</b>	<b>(1,1,11)</b>	<b>12.659</b>	<b>70.63</b>	<b>1.386</b>	<b>1.52</b>	<b>4.7184</b>	<b>7.16</b>	<b>58.98</b>	<b>59.41</b>
	Equiv. Refl.: (1,11,1), (5,7,7), (7,5,7), (7,7,5), (11,1,1)								
<b>Ge</b>	<b>(3,3,11)</b>	<b>12.919</b>	<b>74.31</b>	<b>1.3046</b>	<b>3.6</b>	<b>3.7691</b>	<b>13.57</b>	<b>47.11</b>	<b>49.03</b>
	Equiv. Refl.: (3,7,9), (3,9,7), (3,11,3), (7,3,9), (7,9,3), (9,3,7), (9,7,3), (11,3,3)								
<b>LiNbO3</b>	<b>(0,0,-30)</b>	<b>13.415</b>	<b>88.65</b>	<b>54.253</b>	<b>52.6</b>	<b>0.315</b>	<b>16.57</b>	<b>3.94</b>	<b>17.03</b>
<b>LiNbO3</b>	<b>(0,0,30)</b>	<b>13.415</b>	<b>88.65</b>	<b>52.86</b>	<b>52.6</b>	<b>0.315</b>	<b>16.57</b>	<b>3.94</b>	<b>17.03</b>
<b>LiNbO3</b>	<b>(1,-7,-22)</b>	<b>13.414</b>	<b>88.36</b>	<b>27.174</b>	<b>29</b>	<b>0.384</b>	<b>11.12</b>	<b>4.79</b>	<b>12.11</b>
	Equiv. Refl.: (6,1,-22), (7,-1,-22), (-1,-6,-22), (-6,7,-22), (-7,6,-22)								
<b>LiNbO3</b>	<b>(6,-7,22)</b>	<b>13.414</b>	<b>88.36</b>	<b>26.223</b>	<b>29</b>	<b>0.384</b>	<b>11.12</b>	<b>4.79</b>	<b>12.11</b>
	Equiv. Refl.: (7,-6,22)								
<b>LiNbO3</b>	<b>(1,6,22)</b>	<b>13.414</b>	<b>88.36</b>	<b>26.222</b>	<b>29</b>	<b>0.384</b>	<b>11.12</b>	<b>4.79</b>	<b>12.11</b>
	Equiv. Refl.: (-1,7,22), (-6,-1,22), (-7,1,22)								
<b>LiNbO3</b>	<b>(4,-11,0)</b>	<b>13.409</b>	<b>87.83</b>	<b>21.849</b>	<b>23.2</b>	<b>0.508</b>	<b>11.78</b>	<b>6.36</b>	<b>13.38</b>
	Equiv. Refl.: (7,4,0), (11,-4,0), (-4,-7,0), (-7,11,0), (-11,7,0)								
<b>LiNbO3</b>	<b>(4,7,0)</b>	<b>13.409</b>	<b>87.83</b>	<b>21.505</b>	<b>23.2</b>	<b>0.508</b>	<b>11.78</b>	<b>6.36</b>	<b>13.38</b>
	Equiv. Refl.: (-4,11,0), (-7,-4,0), (-11,4,0)								
<b>LiNbO3</b>	<b>(7,-11,0)</b>	<b>13.409</b>	<b>87.83</b>	<b>21.504</b>	<b>23.2</b>	<b>0.508</b>	<b>11.78</b>	<b>6.36</b>	<b>13.38</b>
	Equiv. Refl.: (11,-7,0)								
<b>Sapph</b>	<b>(3,7,2)</b>	<b>13.406</b>	<b>87.44</b>	<b>17.274</b>	<b>14.9</b>	<b>0.6</b>	<b>8.95</b>	<b>7.5</b>	<b>11.68</b>
	Equiv. Refl.: (3,-10,-2), (7,3,-2), (7,-10,2), (10,-3,-2), (10,-7,2), (-3,10,2), (-3,-7,-2), (-7,10,-2), (-7,-3,2), (-10,3,2), (-10,7,-2)								
<b>LiNbO3</b>	<b>(5,6,-4)</b>	<b>13.384</b>	<b>85.89</b>	<b>14.964</b>	<b>14.8</b>	<b>0.965</b>	<b>14.24</b>	<b>12.06</b>	<b>18.66</b>
	Equiv. Refl.: (6,-11,-4), (11,-6,-4), (-5,11,-4), (-6,-5,-4), (-11,5,-4)								
<b>LiNbO3</b>	<b>(5,-11,4)</b>	<b>13.384</b>	<b>85.89</b>	<b>14.591</b>	<b>14.8</b>	<b>0.965</b>	<b>14.24</b>	<b>12.06</b>	<b>18.66</b>
	Equiv. Refl.: (6,5,4), (11,-5,4), (-5,-6,4), (-6,11,4), (-11,6,4)								
<b>Sapph</b>	<b>(1,4,24)</b>	<b>13.37</b>	<b>85.08</b>	<b>12.05</b>	<b>10.1</b>	<b>1.155</b>	<b>11.68</b>	<b>14.43</b>	<b>18.57</b>
	Equiv. Refl.: (1,4,-24), (1,-5,24), (1,-5,-24), (4,1,24), (4,1,-24), (4,-5,24), (4,-5,-24), (5,-1,24), (5,-1,-24), (5,-4,24), (5,-4,-24), (-1,5,24), (-1,5,-24), (-1,-4,24), (-1,-4,-24), (-4,5,24), (-4,5,-24), (-4,-1,24), (-4,-1,-24), (-5,1,24), (-5,1,-24), (-5,4,24), (-5,4,-24)								
<b>LiNbO3</b>	<b>(1,9,4)</b>	<b>13.384</b>	<b>85.89</b>	<b>11.065</b>	<b>11.6</b>	<b>0.965</b>	<b>11.23</b>	<b>12.06</b>	<b>16.48</b>
	Equiv. Refl.: (9,-10,4), (10,-9,4), (-1,10,4), (-9,-1,4), (-10,1,4)								
<b>LiNbO3</b>	<b>(1,-10,-4)</b>	<b>13.384</b>	<b>85.89</b>	<b>10.761</b>	<b>11.6</b>	<b>0.965</b>	<b>11.23</b>	<b>12.06</b>	<b>16.48</b>
	Equiv. Refl.: (9,1,-4), (10,-1,-4), (-1,-9,-4), (-9,10,-4), (-10,9,-4)								
<b>LiNbO3</b>	<b>(1,9,-2)</b>	<b>13.295</b>	<b>82.19</b>	<b>8.152</b>	<b>7.9</b>	<b>1.841</b>	<b>14.51</b>	<b>23.01</b>	<b>27.2</b>
	Equiv. Refl.: (9,-10,-2), (10,-9,-2), (-1,10,-2), (-9,-1,-2), (-10,1,-2)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>LiNbO3</b>	<b>(1,-10,2)</b>	<b>13.295</b>	<b>82.19</b>	<b>8.005</b>	<b>7.9</b>	<b>1.841</b>	<b>14.51</b>	<b>23.01</b>	<b>27.2</b>
	Equiv. Refl.: (9,1,2), (10,-1,2), (-1,-9,2), (-9,10,2), (-10,9,2)								
<b>Quartz</b>	<b>(7,3,-3)</b>	<b>13.399</b>	<b>86.9</b>	<b>7.969</b>	<b>7</b>	<b>0.727</b>	<b>5.11</b>	<b>9.09</b>	<b>10.42</b>
	Equiv. Refl.: (7,-10,3), (-10,3,3), (-10,7,-3)								
<b>Quartz</b>	<b>(3,7,3)</b>	<b>13.399</b>	<b>86.9</b>	<b>7.968</b>	<b>7</b>	<b>0.727</b>	<b>5.11</b>	<b>9.09</b>	<b>10.42</b>
	Equiv. Refl.: (3,-10,-3)								
<b>Quartz</b>	<b>(10,-3,-3)</b>	<b>13.399</b>	<b>86.9</b>	<b>7.94</b>	<b>7</b>	<b>0.727</b>	<b>5.11</b>	<b>9.09</b>	<b>10.42</b>
	Equiv. Refl.: (10,-7,3), (-7,10,-3), (-7,-3,3)								
<b>Quartz</b>	<b>(-3,10,3)</b>	<b>13.399</b>	<b>86.9</b>	<b>7.939</b>	<b>7</b>	<b>0.727</b>	<b>5.11</b>	<b>9.09</b>	<b>10.42</b>
	Equiv. Refl.: (-3,-7,-3)								
<b>Sapph</b>	<b>(5,5,6)</b>	<b>13.34</b>	<b>83.77</b>	<b>7.861</b>	<b>6.6</b>	<b>1.466</b>	<b>9.63</b>	<b>18.32</b>	<b>20.7</b>
	Equiv. Refl.: (5,5,-6), (5,-10,6), (5,-10,-6), (10,-5,6), (10,-5,-6), (-5,10,6), (-5,10,-6), (-5,-5,6), (-5,-5,-6), (-10,5,6), (-10,5,-6)								
<b>Quartz</b>	<b>(10,-2,1)</b>	<b>13.403</b>	<b>87.17</b>	<b>7.6</b>	<b>6.8</b>	<b>0.663</b>	<b>4.53</b>	<b>8.28</b>	<b>9.44</b>
	Equiv. Refl.: (10,-8,-1), (-2,10,-1), (-2,-8,1), (-8,10,1), (-8,-2,-1)								
<b>Quartz</b>	<b>(2,-10,1)</b>	<b>13.403</b>	<b>87.17</b>	<b>7.521</b>	<b>6.8</b>	<b>0.663</b>	<b>4.53</b>	<b>8.28</b>	<b>9.44</b>
<b>Quartz</b>	<b>(2,8,-1)</b>	<b>13.403</b>	<b>87.17</b>	<b>7.52</b>	<b>6.8</b>	<b>0.663</b>	<b>4.53</b>	<b>8.28</b>	<b>9.44</b>
	Equiv. Refl.: (8,2,1), (8,-10,-1), (-10,2,-1), (-10,8,1)								
<b>Sapph</b>	<b>(3,4,20)</b>	<b>13.224</b>	<b>80.21</b>	<b>7.33</b>	<b>5.9</b>	<b>2.315</b>	<b>13.55</b>	<b>28.94</b>	<b>31.96</b>
	Equiv. Refl.: (3,-7,-20), (4,3,-20), (4,-7,20), (7,-3,-20), (7,-4,20), (-3,7,20), (-3,-4,-20), (-4,7,-20), (-4,-3,20), (-7,3,20), (-7,4,-20)								
<b>LiNbO3</b>	<b>(0,-7,-20)</b>	<b>13.218</b>	<b>80.08</b>	<b>6.396</b>	<b>6.2</b>	<b>2.347</b>	<b>14.56</b>	<b>29.33</b>	<b>32.75</b>
	Equiv. Refl.: (7,0,-20), (-7,7,-20)								
<b>LiNbO3</b>	<b>(7,-7,20)</b>	<b>13.218</b>	<b>80.08</b>	<b>6.292</b>	<b>6.2</b>	<b>2.347</b>	<b>14.56</b>	<b>29.33</b>	<b>32.75</b>
<b>LiNbO3</b>	<b>(0,7,20)</b>	<b>13.218</b>	<b>80.08</b>	<b>6.291</b>	<b>6.2</b>	<b>2.347</b>	<b>14.56</b>	<b>29.33</b>	<b>32.75</b>
	Equiv. Refl.: (-7,0,20)								
<b>LiNbO3</b>	<b>(1,-8,-18)</b>	<b>13.229</b>	<b>80.34</b>	<b>6.19</b>	<b>6.1</b>	<b>2.285</b>	<b>13.93</b>	<b>28.56</b>	<b>31.78</b>
	Equiv. Refl.: (7,1,-18), (8,-1,-18), (-1,-7,-18), (-7,8,-18), (-8,7,-18)								
<b>LiNbO3</b>	<b>(7,-8,18)</b>	<b>13.229</b>	<b>80.34</b>	<b>6.123</b>	<b>6.1</b>	<b>2.285</b>	<b>13.93</b>	<b>28.56</b>	<b>31.78</b>
	Equiv. Refl.: (8,-7,18)								
<b>LiNbO3</b>	<b>(1,7,18)</b>	<b>13.229</b>	<b>80.34</b>	<b>6.122</b>	<b>6.1</b>	<b>2.285</b>	<b>13.93</b>	<b>28.56</b>	<b>31.78</b>
	Equiv. Refl.: (-1,8,18), (-7,-1,18), (-8,1,18)								
<b>LiNbO3</b>	<b>(3,-5,26)</b>	<b>13.112</b>	<b>77.71</b>	<b>5.754</b>	<b>5.5</b>	<b>2.923</b>	<b>16.05</b>	<b>36.54</b>	<b>39.9</b>
	Equiv. Refl.: (5,-3,26)								
<b>LiNbO3</b>	<b>(2,3,26)</b>	<b>13.112</b>	<b>77.71</b>	<b>5.753</b>	<b>5.5</b>	<b>2.923</b>	<b>16.05</b>	<b>36.54</b>	<b>39.9</b>
	Equiv. Refl.: (-2,5,26), (-3,-2,26), (-5,2,26)								
<b>LiNbO3</b>	<b>(2,-5,-26)</b>	<b>13.112</b>	<b>77.71</b>	<b>5.73</b>	<b>5.5</b>	<b>2.923</b>	<b>16.05</b>	<b>36.54</b>	<b>39.9</b>
	Equiv. Refl.: (3,2,-26), (5,-2,-26), (-2,-3,-26), (-3,5,-26), (-5,3,-26)								
<b>LiNbO3</b>	<b>(0,-8,-16)</b>	<b>13.226</b>	<b>80.28</b>	<b>5.606</b>	<b>5.4</b>	<b>2.299</b>	<b>12.44</b>	<b>28.74</b>	<b>31.32</b>
	Equiv. Refl.: (8,0,-16), (-8,8,-16)								
<b>LiNbO3</b>	<b>(1,-8,18)</b>	<b>13.229</b>	<b>80.34</b>	<b>5.587</b>	<b>5.6</b>	<b>2.285</b>	<b>12.91</b>	<b>28.56</b>	<b>31.34</b>
	Equiv. Refl.: (7,1,18), (8,-1,18), (-1,-7,18), (-7,8,18), (-8,7,18)								
<b>LiNbO3</b>	<b>(5,5,-12)</b>	<b>13.183</b>	<b>79.25</b>	<b>5.585</b>	<b>5.4</b>	<b>2.548</b>	<b>13.81</b>	<b>31.85</b>	<b>34.71</b>
	Equiv. Refl.: (5,-10,-12), (10,-5,-12), (-5,10,-12), (-5,-5,-12), (-10,5,-12)								
<b>LiNbO3</b>	<b>(5,-11,-2)</b>	<b>13.295</b>	<b>82.19</b>	<b>5.568</b>	<b>5.9</b>	<b>1.841</b>	<b>10.86</b>	<b>23.01</b>	<b>25.44</b>
	Equiv. Refl.: (6,5,-2), (11,-5,-2), (-5,-6,-2), (-6,11,-2), (-11,6,-2)								
<b>LiNbO3</b>	<b>(1,7,-18)</b>	<b>13.229</b>	<b>80.34</b>	<b>5.565</b>	<b>5.6</b>	<b>2.285</b>	<b>12.91</b>	<b>28.56</b>	<b>31.34</b>
	Equiv. Refl.: (7,-8,-18), (8,-7,-18), (-1,8,-18), (-7,-1,-18), (-8,1,-18)								
<b>LiNbO3</b>	<b>(3,-10,10)</b>	<b>13.143</b>	<b>78.36</b>	<b>5.503</b>	<b>5.4</b>	<b>2.764</b>	<b>14.81</b>	<b>34.55</b>	<b>37.59</b>
	Equiv. Refl.: (7,3,10), (10,-3,10), (-3,-7,10), (-7,10,10), (-10,7,10)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>LiNbO3</b>	<b>(5,6,2)</b>	<b>13.295</b>	<b>82.19</b>	<b>5.487</b>	<b>5.9</b>	<b>1.841</b>	<b>10.86</b>	<b>23.01</b>	<b>25.44</b>
	Equiv. Refl.: (6,-11,2), (11,-6,2), (-5,11,2), (-6,-5,2), (-11,5,2)								
<b>LiNbO3</b>	<b>(3,7,-10)</b>	<b>13.143</b>	<b>78.36</b>	<b>5.474</b>	<b>5.4</b>	<b>2.764</b>	<b>14.81</b>	<b>34.55</b>	<b>37.59</b>
	Equiv. Refl.: (7,-10,-10), (10,-7,-10), (-3,10,-10), (-7,-3,-10), (-10,3,-10)								
<b>Sapph</b>	<b>(2,6,-16)</b>	<b>13.267</b>	<b>81.36</b>	<b>5.449</b>	<b>4.6</b>	<b>2.038</b>	<b>9.35</b>	<b>25.48</b>	<b>27.14</b>
	Equiv. Refl.: (2,-8,16), (6,2,16), (6,-8,-16), (8,-2,16), (8,-6,-16), (-2,8,-16), (-2,-6,16), (-6,8,16), (-6,-2,-16), (-8,2,-16), (-8,6,16)								
<b>LiNbO3</b>	<b>(5,5,12)</b>	<b>13.183</b>	<b>79.25</b>	<b>5.315</b>	<b>5.4</b>	<b>2.548</b>	<b>13.81</b>	<b>31.85</b>	<b>34.71</b>
	Equiv. Refl.: (5,-10,12), (10,-5,12), (-5,10,12), (-5,-5,12), (-10,5,12)								
<b>LiNbO3</b>	<b>(0,8,16)</b>	<b>13.226</b>	<b>80.28</b>	<b>4.939</b>	<b>5.4</b>	<b>2.299</b>	<b>12.44</b>	<b>28.74</b>	<b>31.32</b>
	Equiv. Refl.: (8,-8,16), (-8,0,16)								
<b>LiNbO3</b>	<b>(4,-9,16)</b>	<b>13.005</b>	<b>75.73</b>	<b>4.863</b>	<b>4.6</b>	<b>3.412</b>	<b>15.82</b>	<b>42.66</b>	<b>45.49</b>
	Equiv. Refl.: (5,4,16), (9,-4,16), (-4,-5,16), (-5,9,16), (-9,5,16)								
<b>Quartz</b>	<b>(10,-3,3)</b>	<b>13.399</b>	<b>86.9</b>	<b>4.859</b>	<b>4.5</b>	<b>0.727</b>	<b>3.24</b>	<b>9.09</b>	<b>9.65</b>
	Equiv. Refl.: (10,-7,-3), (-7,10,3), (-7,-3,-3)								
<b>Quartz</b>	<b>(-3,10,-3)</b>	<b>13.399</b>	<b>86.9</b>	<b>4.858</b>	<b>4.5</b>	<b>0.727</b>	<b>3.24</b>	<b>9.09</b>	<b>9.65</b>
	Equiv. Refl.: (-3,-7,3)								
<b>LiNbO3</b>	<b>(4,5,-16)</b>	<b>13.005</b>	<b>75.73</b>	<b>4.755</b>	<b>4.6</b>	<b>3.412</b>	<b>15.82</b>	<b>42.66</b>	<b>45.49</b>
	Equiv. Refl.: (5,-9,-16), (9,-5,-16), (-4,9,-16), (-5,-4,-16), (-9,4,-16)								
<b>LiNbO3</b>	<b>(2,7,-14)</b>	<b>12.99</b>	<b>75.47</b>	<b>4.7</b>	<b>4.5</b>	<b>3.478</b>	<b>15.48</b>	<b>43.47</b>	<b>46.15</b>
	Equiv. Refl.: (3,5,-20), (5,-8,-20), (7,-9,-14), (8,-5,-20), (9,-7,-14), (-2,9,-14), (-3,8,-20), (-5,-3,-20), (-7,-2,-14), (-8,3,-20), (-9,2,-14)								
<b>Quartz</b>	<b>(7,3,3)</b>	<b>13.399</b>	<b>86.9</b>	<b>4.606</b>	<b>4.5</b>	<b>0.727</b>	<b>3.24</b>	<b>9.09</b>	<b>9.65</b>
	Equiv. Refl.: (-10,3,-3), (-10,7,3)								
<b>Quartz</b>	<b>(3,7,-3)</b>	<b>13.399</b>	<b>86.9</b>	<b>4.605</b>	<b>4.5</b>	<b>0.727</b>	<b>3.24</b>	<b>9.09</b>	<b>9.65</b>
	Equiv. Refl.: (3,-10,3), (7,-10,-3)								
<b>Sapph</b>	<b>(2,7,10)</b>	<b>13.207</b>	<b>79.8</b>	<b>4.603</b>	<b>3.7</b>	<b>2.415</b>	<b>8.94</b>	<b>30.19</b>	<b>31.48</b>
	Equiv. Refl.: (2,-9,-10), (7,2,-10), (7,-9,10), (9,-2,-10), (9,-7,10), (-2,9,10), (-2,-7,-10), (-7,9,-10), (-7,-2,10), (-9,2,10), (-9,7,-10)								
<b>LiNbO3</b>	<b>(4,-10,-10)</b>	<b>12.921</b>	<b>74.33</b>	<b>4.582</b>	<b>4.3</b>	<b>3.763</b>	<b>16.34</b>	<b>47.04</b>	<b>49.8</b>
	Equiv. Refl.: (6,4,-10), (10,-4,-10), (-4,-6,-10), (-6,10,-10), (-10,6,-10)								
<b>LiNbO3</b>	<b>(1,2,-28)</b>	<b>13.05</b>	<b>76.54</b>	<b>4.566</b>	<b>4.5</b>	<b>3.213</b>	<b>14.42</b>	<b>40.16</b>	<b>42.67</b>
	Equiv. Refl.: (2,-3,-28), (3,-2,-28), (-1,3,-28), (-2,-1,-28), (-3,1,-28)								
<b>LiNbO3</b>	<b>(1,-3,28)</b>	<b>13.05</b>	<b>76.54</b>	<b>4.521</b>	<b>4.5</b>	<b>3.213</b>	<b>14.42</b>	<b>40.16</b>	<b>42.67</b>
	Equiv. Refl.: (2,1,28), (3,-1,28), (-1,-2,28), (-2,3,28), (-3,2,28)								
<b>Sapph</b>	<b>(1,8,-4)</b>	<b>12.995</b>	<b>75.55</b>	<b>4.502</b>	<b>3.5</b>	<b>3.457</b>	<b>12.08</b>	<b>43.21</b>	<b>44.87</b>
	Equiv. Refl.: (1,-9,4), (8,1,4), (8,-9,-4), (9,-1,4), (9,-8,-4), (-1,9,-4), (-1,-8,4), (-8,9,4), (-8,-1,-4), (-9,1,-4), (-9,8,4)								
<b>LiNbO3</b>	<b>(4,6,10)</b>	<b>12.921</b>	<b>74.33</b>	<b>4.474</b>	<b>4.3</b>	<b>3.763</b>	<b>16.34</b>	<b>47.04</b>	<b>49.8</b>
	Equiv. Refl.: (6,-10,10), (10,-6,10), (-4,10,10), (-6,-4,10), (-10,4,10)								
<b>LiNbO3</b>	<b>(2,-9,14)</b>	<b>12.99</b>	<b>75.47</b>	<b>4.472</b>	<b>4.5</b>	<b>3.478</b>	<b>15.48</b>	<b>43.47</b>	<b>46.15</b>
	Equiv. Refl.: (7,2,14), (9,-2,14), (-2,-7,14), (-7,9,14), (-9,7,14)								
<b>LiNbO3</b>	<b>(0,-9,6)</b>	<b>12.799</b>	<b>72.51</b>	<b>4.371</b>	<b>4.1</b>	<b>4.228</b>	<b>17.44</b>	<b>52.85</b>	<b>55.65</b>
	Equiv. Refl.: (9,0,6), (-9,9,6)								
<b>LiNbO3</b>	<b>(0,9,-6)</b>	<b>12.799</b>	<b>72.51</b>	<b>4.348</b>	<b>4.1</b>	<b>4.228</b>	<b>17.44</b>	<b>52.85</b>	<b>55.65</b>
	Equiv. Refl.: (9,-9,-6), (-9,0,-6)								
<b>LiNbO3</b>	<b>(2,-10,0)</b>	<b>12.744</b>	<b>71.75</b>	<b>4.344</b>	<b>4.1</b>	<b>4.425</b>	<b>17.97</b>	<b>55.31</b>	<b>58.16</b>
	Equiv. Refl.: (8,2,0), (10,-2,0), (-2,-8,0)								
<b>LiNbO3</b>	<b>(-8,10,0)</b>	<b>12.744</b>	<b>71.75</b>	<b>4.343</b>	<b>4.1</b>	<b>4.425</b>	<b>17.97</b>	<b>55.31</b>	<b>58.16</b>
	Equiv. Refl.: (-10,8,0)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>LiNbO3</b>	<b>(2,8,0)</b>	<b>12.744</b>	<b>71.75</b>	<b>4.29</b>	<b>4.1</b>	<b>4.425</b>	<b>17.97</b>	<b>55.31</b>	<b>58.16</b>
	Equiv. Refl.: (-2,10,0), (-8,-2,0), (-10,2,0)								
<b>LiNbO3</b>	<b>(8,-10,0)</b>	<b>12.744</b>	<b>71.75</b>	<b>4.289</b>	<b>4.1</b>	<b>4.425</b>	<b>17.97</b>	<b>55.31</b>	<b>58.16</b>
	Equiv. Refl.: (10,-8,0)								
<b>LiNbO3</b>	<b>(3,-8,20)</b>	<b>13.218</b>	<b>80.08</b>	<b>4.026</b>	<b>4.7</b>	<b>2.347</b>	<b>11.11</b>	<b>29.33</b>	<b>31.37</b>
	Equiv. Refl.: (5,3,20), (8,-3,20), (-3,-5,20), (-5,8,20), (-8,5,20)								
<b>LiNbO3</b>	<b>(0,-8,14)</b>	<b>12.765</b>	<b>72.03</b>	<b>3.994</b>	<b>3.9</b>	<b>4.352</b>	<b>16.95</b>	<b>54.4</b>	<b>56.98</b>
	Equiv. Refl.: (8,0,14), (-8,8,14)								
<b>LiNbO3</b>	<b>(1,-7,20)</b>	<b>12.772</b>	<b>72.14</b>	<b>3.988</b>	<b>4</b>	<b>4.325</b>	<b>17.27</b>	<b>54.06</b>	<b>56.75</b>
	Equiv. Refl.: (6,1,20), (7,-1,20), (-1,-6,20), (-6,7,20), (-7,6,20)								
<b>LiNbO3</b>	<b>(3,7,8)</b>	<b>12.866</b>	<b>73.5</b>	<b>3.977</b>	<b>4</b>	<b>3.975</b>	<b>16.05</b>	<b>49.69</b>	<b>52.22</b>
	Equiv. Refl.: (7,-10,8), (10,-7,8), (-3,10,8), (-7,-3,8), (-10,3,8)								
<b>Sapph</b>	<b>(2,6,14)</b>	<b>12.741</b>	<b>71.71</b>	<b>3.959</b>	<b>3</b>	<b>4.435</b>	<b>13.49</b>	<b>55.43</b>	<b>57.05</b>
	Equiv. Refl.: (2,-8,-14), (6,2,-14), (6,-8,14), (8,-2,-14), (8,-6,14), (-2,8,14), (-2,-6,-14), (-6,8,-14), (-6,-2,14), (-8,2,14), (-8,6,-14)								
<b>LiNbO3</b>	<b>(1,6,-20)</b>	<b>12.772</b>	<b>72.14</b>	<b>3.907</b>	<b>4</b>	<b>4.325</b>	<b>17.27</b>	<b>54.06</b>	<b>56.75</b>
	Equiv. Refl.: (6,-7,-20), (7,-6,-20), (-1,7,-20), (-6,-1,-20), (-7,1,-20)								
<b>LiNbO3</b>	<b>(3,-10,-8)</b>	<b>12.866</b>	<b>73.5</b>	<b>3.903</b>	<b>4</b>	<b>3.975</b>	<b>16.05</b>	<b>49.69</b>	<b>52.22</b>
	Equiv. Refl.: (7,3,-8), (10,-3,-8), (-3,-7,-8), (-7,10,-8), (-10,7,-8)								
<b>LiNbO3</b>	<b>(2,8,6)</b>	<b>13.023</b>	<b>76.05</b>	<b>3.822</b>	<b>4</b>	<b>3.333</b>	<b>13.32</b>	<b>41.66</b>	<b>43.73</b>
	Equiv. Refl.: (8,-10,6), (10,-8,6), (-2,10,6), (-8,-2,6), (-10,2,6)								
<b>LiNbO3</b>	<b>(3,4,-22)</b>	<b>12.974</b>	<b>75.2</b>	<b>3.752</b>	<b>3.9</b>	<b>3.545</b>	<b>13.81</b>	<b>44.31</b>	<b>46.42</b>
	Equiv. Refl.: (4,-7,-22), (7,-4,-22), (-3,7,-22), (-4,-3,-22), (-7,3,-22)								
<b>Sapph</b>	<b>(1,8,-7)</b>	<b>13.281</b>	<b>81.77</b>	<b>3.704</b>	<b>3.2</b>	<b>1.94</b>	<b>6.22</b>	<b>24.25</b>	<b>25.04</b>
	Equiv. Refl.: (1,-9,7), (8,1,7), (8,-9,-7), (9,-1,7), (9,-8,-7), (-1,9,-7), (-1,-8,7), (-8,9,7), (-8,-1,-7), (-9,1,-7), (-9,8,7)								
<b>LiNbO3</b>	<b>(2,-10,-6)</b>	<b>13.023</b>	<b>76.05</b>	<b>3.685</b>	<b>4</b>	<b>3.333</b>	<b>13.32</b>	<b>41.66</b>	<b>43.73</b>
	Equiv. Refl.: (8,2,-6), (10,-2,-6), (-2,-8,-6), (-8,10,-6), (-10,8,-6)								
<b>LiNbO3</b>	<b>(0,8,-14)</b>	<b>12.765</b>	<b>72.03</b>	<b>3.654</b>	<b>3.9</b>	<b>4.352</b>	<b>16.95</b>	<b>54.4</b>	<b>56.98</b>
	Equiv. Refl.: (8,-8,-14), (-8,0,-14)								
<b>LiNbO3</b>	<b>(3,-7,22)</b>	<b>12.974</b>	<b>75.2</b>	<b>3.619</b>	<b>3.9</b>	<b>3.545</b>	<b>13.81</b>	<b>44.31</b>	<b>46.42</b>
	Equiv. Refl.: (4,3,22), (7,-3,22), (-3,-4,22), (-4,7,22), (-7,4,22)								
<b>Sapph</b>	<b>(3,5,16)</b>	<b>13.008</b>	<b>75.79</b>	<b>3.542</b>	<b>2.8</b>	<b>3.398</b>	<b>9.67</b>	<b>42.47</b>	<b>43.56</b>
	Equiv. Refl.: (3,-8,-16), (5,3,-16), (5,-8,16), (8,-3,-16), (8,-5,16), (-3,8,16), (-3,-5,-16), (-5,8,-16), (-5,-3,16), (-8,3,16), (-8,5,-16)								
<b>LiNbO3</b>	<b>(0,-9,-6)</b>	<b>12.799</b>	<b>72.51</b>	<b>3.534</b>	<b>3.6</b>	<b>4.228</b>	<b>15.11</b>	<b>52.85</b>	<b>54.97</b>
	Equiv. Refl.: (9,0,-6), (-9,9,-6)								
<b>LiNbO3</b>	<b>(2,-10,6)</b>	<b>13.023</b>	<b>76.05</b>	<b>3.42</b>	<b>3.7</b>	<b>3.333</b>	<b>12.32</b>	<b>41.66</b>	<b>43.44</b>
	Equiv. Refl.: (8,2,6), (10,-2,6), (-2,-8,6), (-8,10,6), (-10,8,6)								
<b>LiNbO3</b>	<b>(2,8,-6)</b>	<b>13.023</b>	<b>76.05</b>	<b>3.394</b>	<b>3.7</b>	<b>3.333</b>	<b>12.32</b>	<b>41.66</b>	<b>43.44</b>
	Equiv. Refl.: (8,-10,-6), (10,-8,-6), (-2,10,-6), (-8,-2,-6), (-10,2,-6)								
<b>LiNbO3</b>	<b>(4,-10,8)</b>	<b>12.639</b>	<b>70.37</b>	<b>3.35</b>	<b>3.4</b>	<b>4.787</b>	<b>16.16</b>	<b>59.84</b>	<b>61.98</b>
	Equiv. Refl.: (6,4,8), (10,-4,8), (-4,-6,8)								
<b>LiNbO3</b>	<b>(-6,10,8)</b>	<b>12.639</b>	<b>70.37</b>	<b>3.349</b>	<b>3.4</b>	<b>4.787</b>	<b>16.16</b>	<b>59.84</b>	<b>61.98</b>
	Equiv. Refl.: (-10,6,8)								
<b>Sapph</b>	<b>(4,6,-2)</b>	<b>13.15</b>	<b>78.51</b>	<b>3.334</b>	<b>2.7</b>	<b>2.728</b>	<b>7.27</b>	<b>34.11</b>	<b>34.87</b>
	Equiv. Refl.: (4,-10,2), (6,4,2), (6,-10,-2), (10,-4,2), (10,-6,-2), (-4,10,-2), (-4,-6,2), (-6,10,2), (-6,-4,-2), (-10,4,-2), (-10,6,2)								
<b>LiNbO3</b>	<b>(0,9,6)</b>	<b>12.799</b>	<b>72.51</b>	<b>3.326</b>	<b>3.6</b>	<b>4.228</b>	<b>15.11</b>	<b>52.85</b>	<b>54.97</b>
	Equiv. Refl.: (9,-9,6), (-9,0,6)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Sapph</b>	<b>(1,1,27)</b>	<b>13.148</b>	<b>78.46</b>	<b>3.303</b>	<b>2.6</b>	<b>2.74</b>	<b>7.25</b>	<b>34.25</b>	<b>35.01</b>
	Equiv. Refl.: (1,1,-27), (1,-2,27), (1,-2,-27), (2,-1,27), (2,-1,-27), (-1,2,27), (-1,2,-27), (-1,-1,27), (-1,-1,-27), (-2,1,27), (-2,1,-27)								
<b>LiNbO3</b>	<b>(1,8,-10)</b>	<b>12.694</b>	<b>71.08</b>	<b>3.287</b>	<b>3.4</b>	<b>4.599</b>	<b>15.45</b>	<b>57.49</b>	<b>59.53</b>
	Equiv. Refl.: (-1,9,-10), (-8,-1,-10), (-9,1,-10)								
<b>LiNbO3</b>	<b>(8,-9,-10)</b>	<b>12.694</b>	<b>71.08</b>	<b>3.286</b>	<b>3.4</b>	<b>4.599</b>	<b>15.45</b>	<b>57.49</b>	<b>59.53</b>
	Equiv. Refl.: (9,-8,-10)								
<b>Sapph</b>	<b>(2,7,-11)</b>	<b>13.387</b>	<b>86.03</b>	<b>3.259</b>	<b>3.3</b>	<b>0.932</b>	<b>3.06</b>	<b>11.65</b>	<b>12.05</b>
	Equiv. Refl.: (2,-9,11), (7,2,11), (7,-9,-11), (9,-2,11), (9,-7,-11), (-2,9,-11), (-2,-7,11), (-7,9,11), (-7,-2,-11), (-9,2,-11), (-9,7,11)								
<b>LiNbO3</b>	<b>(3,3,-24)</b>	<b>12.938</b>	<b>74.61</b>	<b>3.253</b>	<b>3.5</b>	<b>3.694</b>	<b>12.76</b>	<b>46.18</b>	<b>47.91</b>
	Equiv. Refl.: (3,-6,-24), (6,-3,-24), (-3,6,-24), (-3,-3,-24), (-6,3,-24)								
<b>LiNbO3</b>	<b>(4,6,-8)</b>	<b>12.639</b>	<b>70.37</b>	<b>3.2</b>	<b>3.4</b>	<b>4.787</b>	<b>16.16</b>	<b>59.84</b>	<b>61.98</b>
	Equiv. Refl.: (6,-10,-8), (10,-6,-8), (-4,10,-8), (-6,-4,-8), (-10,4,-8)								
<b>LiNbO3</b>	<b>(1,-9,10)</b>	<b>12.694</b>	<b>71.08</b>	<b>3.18</b>	<b>3.4</b>	<b>4.599</b>	<b>15.45</b>	<b>57.49</b>	<b>59.53</b>
	Equiv. Refl.: (8,1,10), (9,-1,10), (-1,-8,10), (-8,9,10), (-9,8,10)								
<b>LiNbO3</b>	<b>(3,3,24)</b>	<b>12.938</b>	<b>74.61</b>	<b>3.149</b>	<b>3.5</b>	<b>3.694</b>	<b>12.76</b>	<b>46.18</b>	<b>47.91</b>
	Equiv. Refl.: (3,-6,24), (6,-3,24), (-3,6,24), (-3,-3,24), (-6,3,24)								
<b>LiNbO3</b>	<b>(0,-2,-28)</b>	<b>12.826</b>	<b>72.9</b>	<b>3.108</b>	<b>3.3</b>	<b>4.127</b>	<b>13.63</b>	<b>51.59</b>	<b>53.36</b>
	Equiv. Refl.: (2,0,-28), (-2,2,-28)								
<b>LiNbO3</b>	<b>(0,4,26)</b>	<b>12.888</b>	<b>73.84</b>	<b>3.101</b>	<b>3.3</b>	<b>3.89</b>	<b>12.81</b>	<b>48.62</b>	<b>50.28</b>
	Equiv. Refl.: (4,-4,26), (-4,0,26)								
<b>LiNbO3</b>	<b>(0,2,28)</b>	<b>12.826</b>	<b>72.9</b>	<b>3.092</b>	<b>3.3</b>	<b>4.127</b>	<b>13.63</b>	<b>51.59</b>	<b>53.36</b>
	Equiv. Refl.: (2,-2,28), (-2,0,28)								
<b>Sapph</b>	<b>(4,5,-13)</b>	<b>13.288</b>	<b>81.97</b>	<b>3.01</b>	<b>2.6</b>	<b>1.892</b>	<b>4.95</b>	<b>23.65</b>	<b>24.16</b>
	Equiv. Refl.: (4,-9,13), (5,4,13), (5,-9,-13), (9,-4,13), (9,-5,-13), (-4,9,-13), (-4,-5,13), (-5,9,13), (-5,-4,-13), (-9,4,-13), (-9,5,13)								
<b>LiNbO3</b>	<b>(0,-4,-26)</b>	<b>12.888</b>	<b>73.84</b>	<b>2.996</b>	<b>3.3</b>	<b>3.89</b>	<b>12.81</b>	<b>48.62</b>	<b>50.28</b>
	Equiv. Refl.: (4,0,-26), (-4,4,-26)								
<b>Quartz</b>	<b>(0,3,-11)</b>	<b>13.353</b>	<b>84.31</b>	<b>2.926</b>	<b>2.6</b>	<b>1.337</b>	<b>3.44</b>	<b>16.71</b>	<b>17.07</b>
	Equiv. Refl.: (0,-3,11), (3,0,11), (3,-3,-11), (-3,0,-11), (-3,3,11)								
<b>LiNbO3</b>	<b>(1,-4,26)</b>	<b>12.661</b>	<b>70.66</b>	<b>2.764</b>	<b>2.9</b>	<b>4.711</b>	<b>13.79</b>	<b>58.89</b>	<b>60.48</b>
	Equiv. Refl.: (3,1,26), (4,-1,26), (-1,-3,26), (-3,4,26), (-4,3,26)								
<b>LiNbO3</b>	<b>(1,3,-26)</b>	<b>12.661</b>	<b>70.66</b>	<b>2.719</b>	<b>2.9</b>	<b>4.711</b>	<b>13.79</b>	<b>58.89</b>	<b>60.48</b>
	Equiv. Refl.: (3,-4,-26), (4,-3,-26), (-1,4,-26), (-3,-1,-26), (-4,1,-26)								
<b>Sapph</b>	<b>(3,6,12)</b>	<b>13.244</b>	<b>80.72</b>	<b>2.591</b>	<b>2.5</b>	<b>2.192</b>	<b>5.38</b>	<b>27.4</b>	<b>27.92</b>
	Equiv. Refl.: (3,6,-12), (3,-9,12), (3,-9,-12), (6,3,12), (6,3,-12), (6,-9,12), (6,-9,-12), (9,-3,12), (9,-3,-12), (9,-6,12), (9,-6,-12), (-3,9,12), (-3,9,-12), (-3,-6,12), (-3,-6,-12), (-6,9,12), (-6,9,-12), (-6,-3,12), (-6,-3,-12), (-9,3,12), (-9,3,-12), (-9,6,12), (-9,6,-12)								
<b>Sapph</b>	<b>(1,8,5)</b>	<b>13.073</b>	<b>76.97</b>	<b>2.295</b>	<b>2.1</b>	<b>3.106</b>	<b>6.58</b>	<b>38.82</b>	<b>39.37</b>
	Equiv. Refl.: (1,-9,-5), (8,1,-5), (8,-9,5), (9,-1,-5), (9,-8,5), (-1,9,5), (-1,-8,-5), (-8,9,-5), (-8,-1,5), (-9,1,5), (-9,8,-5)								
<b>Quartz</b>	<b>(4,1,10)</b>	<b>13.272</b>	<b>81.51</b>	<b>1.921</b>	<b>2.1</b>	<b>2.003</b>	<b>4.17</b>	<b>25.04</b>	<b>25.38</b>
<b>Quartz</b>	<b>(1,4,-10)</b>	<b>13.272</b>	<b>81.51</b>	<b>1.92</b>	<b>2.1</b>	<b>2.003</b>	<b>4.17</b>	<b>25.04</b>	<b>25.38</b>
	Equiv. Refl.: (4,-5,-10)								
<b>Quartz</b>	<b>(1,-5,10)</b>	<b>13.272</b>	<b>81.51</b>	<b>1.919</b>	<b>2.1</b>	<b>2.003</b>	<b>4.17</b>	<b>25.04</b>	<b>25.38</b>
<b>Quartz</b>	<b>(-5,1,-10)</b>	<b>13.272</b>	<b>81.51</b>	<b>1.918</b>	<b>2.1</b>	<b>2.003</b>	<b>4.16</b>	<b>25.04</b>	<b>25.38</b>
	Equiv. Refl.: (-5,4,10)								
<b>Sapph</b>	<b>(5,5,0)</b>	<b>13.029</b>	<b>76.15</b>	<b>1.905</b>	<b>2</b>	<b>3.309</b>	<b>6.73</b>	<b>41.37</b>	<b>41.91</b>
	Equiv. Refl.: (5,-10,0), (10,-5,0), (-5,10,0), (-5,-5,0), (-10,5,0)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Quartz</b>	<b>(-4,5,10)</b>	<b>13.272</b>	<b>81.51</b>	<b>1.888</b>	<b>2.1</b>	<b>2.003</b>	<b>4.17</b>	<b>25.04</b>	<b>25.38</b>
	Equiv. Refl.: (-4,-1,-10)								
<b>Quartz</b>	<b>(-1,5,-10)</b>	<b>13.272</b>	<b>81.51</b>	<b>1.887</b>	<b>2.1</b>	<b>2.003</b>	<b>4.17</b>	<b>25.04</b>	<b>25.38</b>
	Equiv. Refl.: (-1,-4,10)								
<b>Quartz</b>	<b>(5,-1,10)</b>	<b>13.272</b>	<b>81.51</b>	<b>1.886</b>	<b>2.1</b>	<b>2.003</b>	<b>4.16</b>	<b>25.04</b>	<b>25.38</b>
	Equiv. Refl.: (5,-4,-10)								
<b>Sapph</b>	<b>(1,6,19)</b>	<b>13.4</b>	<b>86.95</b>	<b>1.863</b>	<b>2.6</b>	<b>0.715</b>	<b>1.88</b>	<b>8.94</b>	<b>9.14</b>
	Equiv. Refl.: (1,-7,-19), (6,1,-19), (6,-7,19), (7,-1,-19), (7,-6,19), (-1,7,19), (-1,-6,-19), (-6,7,-19), (-6,-1,19), (-7,1,19), (-7,6,-19)								
<b>Sapph</b>	<b>(0,8,10)</b>	<b>12.947</b>	<b>74.76</b>	<b>1.859</b>	<b>2</b>	<b>3.655</b>	<b>7.21</b>	<b>45.69</b>	<b>46.26</b>
	Equiv. Refl.: (0,-8,-10), (8,0,-10), (8,-8,10), (-8,0,10), (-8,8,-10)								
<b>Quartz</b>	<b>(0,9,-2)</b>	<b>13.312</b>	<b>82.76</b>	<b>1.77</b>	<b>2</b>	<b>1.705</b>	<b>3.4</b>	<b>21.31</b>	<b>21.58</b>
	Equiv. Refl.: (0,-9,2), (9,0,2), (9,-9,-2), (-9,0,-2), (-9,9,2)								
<b>Sapph</b>	<b>(1,2,26)</b>	<b>13.032</b>	<b>76.21</b>	<b>1.708</b>	<b>1.8</b>	<b>3.293</b>	<b>6.09</b>	<b>41.16</b>	<b>41.61</b>
	Equiv. Refl.: (1,-3,-26), (2,1,-26), (2,-3,26), (3,-1,-26), (3,-2,26), (-1,3,26), (-1,-2,-26), (-2,3,-26), (-2,-1,26), (-3,1,26), (-3,2,-26)								
<b>Sapph</b>	<b>(4,5,-10)</b>	<b>12.682</b>	<b>70.93</b>	<b>1.679</b>	<b>1.8</b>	<b>4.64</b>	<b>8.19</b>	<b>58</b>	<b>58.57</b>
	Equiv. Refl.: (4,-9,10), (5,4,10), (5,-9,-10), (9,-4,10), (9,-5,-10), (-4,9,-10), (-4,-5,10), (-5,9,10), (-5,-4,-10), (-9,4,-10), (-9,5,10)								
<b>Sapph</b>	<b>(1,8,-1)</b>	<b>12.863</b>	<b>73.44</b>	<b>1.637</b>	<b>1.7</b>	<b>3.989</b>	<b>6.97</b>	<b>49.87</b>	<b>50.35</b>
	Equiv. Refl.: (1,-9,1), (8,1,1), (8,-9,-1), (9,-1,1), (9,-8,-1), (-1,9,-1), (-1,-8,1), (-8,9,1), (-8,-1,-1), (-9,1,-1), (-9,8,1)								
<b>Quartz</b>	<b>(5,5,0)</b>	<b>12.618</b>	<b>70.1</b>	<b>1.634</b>	<b>1.7</b>	<b>4.857</b>	<b>8.14</b>	<b>60.71</b>	<b>61.26</b>
	Equiv. Refl.: (5,-10,0), (-10,5,0)								
<b>Quartz</b>	<b>(9,-2,5)</b>	<b>13.233</b>	<b>80.46</b>	<b>1.632</b>	<b>1.8</b>	<b>2.256</b>	<b>4.03</b>	<b>28.2</b>	<b>28.49</b>
	Equiv. Refl.: (9,-7,-5), (10,-5,0), (-2,9,-5), (-2,-7,5), (-5,10,0), (-5,-5,0), (-7,9,5), (-7,-2,-5)								
<b>Quartz</b>	<b>(-3,5,-10)</b>	<b>13.111</b>	<b>77.7</b>	<b>1.629</b>	<b>1.7</b>	<b>2.926</b>	<b>5.07</b>	<b>36.57</b>	<b>36.92</b>
	Equiv. Refl.: (-3,-2,10)								
<b>Sapph</b>	<b>(0,2,-26)</b>	<b>12.769</b>	<b>72.1</b>	<b>1.628</b>	<b>1.7</b>	<b>4.335</b>	<b>7.48</b>	<b>54.19</b>	<b>54.71</b>
	Equiv. Refl.: (0,-2,26), (2,0,26), (2,-2,-26), (-2,0,-26), (-2,2,26), (5,-2,-10), (5,-3,10), (-2,5,10), (-2,-3,-10)								
<b>Quartz</b>	<b>(2,-9,5)</b>	<b>13.233</b>	<b>80.46</b>	<b>1.62</b>	<b>1.8</b>	<b>2.256</b>	<b>4.03</b>	<b>28.2</b>	<b>28.49</b>
	Equiv. Refl.: (7,2,5), (7,-9,-5), (-9,2,-5), (-9,7,5)								
<b>Quartz</b>	<b>(2,7,-5)</b>	<b>13.233</b>	<b>80.46</b>	<b>1.619</b>	<b>1.8</b>	<b>2.256</b>	<b>4.03</b>	<b>28.2</b>	<b>28.49</b>
<b>Quartz</b>	<b>(3,2,-10)</b>	<b>13.111</b>	<b>77.7</b>	<b>1.616</b>	<b>1.7</b>	<b>2.926</b>	<b>5.07</b>	<b>36.57</b>	<b>36.92</b>
	Equiv. Refl.: (3,-3,11), (3,-5,10), (-3,3,-11), (-5,2,10), (-5,3,-10)								
<b>Quartz</b>	<b>(2,3,10)</b>	<b>13.111</b>	<b>77.7</b>	<b>1.615</b>	<b>1.7</b>	<b>2.926</b>	<b>5.07</b>	<b>36.57</b>	<b>36.92</b>
	Equiv. Refl.: (2,-5,-10), (3,0,-11), (-3,0,11)								
<b>Quartz</b>	<b>(0,3,11)</b>	<b>13.353</b>	<b>84.31</b>	<b>1.612</b>	<b>1.9</b>	<b>1.337</b>	<b>2.57</b>	<b>16.71</b>	<b>16.91</b>
	Equiv. Refl.: (0,-3,-11)								
<b>Sapph</b>	<b>(1,5,20)</b>	<b>12.7</b>	<b>71.16</b>	<b>1.607</b>	<b>1.7</b>	<b>4.58</b>	<b>7.77</b>	<b>57.25</b>	<b>57.77</b>
	Equiv. Refl.: (1,-6,-20), (5,1,-20), (5,-6,20), (6,-1,-20), (6,-5,20), (-1,6,20), (-1,-5,-20), (-5,6,-20), (-5,-1,20), (-6,1,20), (-6,5,-20)								
<b>Quartz</b>	<b>(0,8,5)</b>	<b>12.99</b>	<b>75.48</b>	<b>1.569</b>	<b>1.7</b>	<b>3.475</b>	<b>5.75</b>	<b>43.44</b>	<b>43.82</b>
	Equiv. Refl.: (0,-8,-5), (8,0,-5), (8,-8,5), (-8,0,5), (-8,8,-5)								
<b>Quartz</b>	<b>(2,5,-8)</b>	<b>12.923</b>	<b>74.37</b>	<b>1.557</b>	<b>1.6</b>	<b>3.755</b>	<b>6.13</b>	<b>46.94</b>	<b>47.34</b>
	Equiv. Refl.: (2,-7,8)								
<b>Quartz</b>	<b>(5,2,8)</b>	<b>12.923</b>	<b>74.37</b>	<b>1.556</b>	<b>1.6</b>	<b>3.755</b>	<b>6.13</b>	<b>46.94</b>	<b>47.34</b>
	Equiv. Refl.: (5,-7,-8), (-2,7,-8), (-2,-5,8), (-7,2,-8), (-7,5,8)								
<b>Quartz</b>	<b>(7,-2,8)</b>	<b>12.923</b>	<b>74.37</b>	<b>1.555</b>	<b>1.6</b>	<b>3.755</b>	<b>6.13</b>	<b>46.94</b>	<b>47.34</b>
	Equiv. Refl.: (7,-5,-8), (-5,7,8), (-5,-2,-8)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Quartz</b>	<b>(3,-1,-11)</b>	<b>13.193</b>	<b>79.47</b>	<b>1.426</b>	<b>1.6</b>	<b>2.495</b>	<b>3.91</b>	<b>31.19</b>	<b>31.43</b>
	Equiv. Refl.: (3,-2,11), (-1,3,11), (-1,-2,-11), (-2,3,-11), (-2,-1,11)								
<b>Quartz</b>	<b>(-6,8,7)</b>	<b>13.223</b>	<b>80.2</b>	<b>1.413</b>	<b>1.6</b>	<b>2.318</b>	<b>3.62</b>	<b>28.97</b>	<b>29.2</b>
<b>Quartz</b>	<b>(8,-2,7)</b>	<b>13.223</b>	<b>80.2</b>	<b>1.412</b>	<b>1.6</b>	<b>2.318</b>	<b>3.62</b>	<b>28.97</b>	<b>29.2</b>
	Equiv. Refl.: (8,-6,-7), (-2,8,-7), (-2,-6,7), (-6,-2,-7)								
<b>Quartz</b>	<b>(-3,1,11)</b>	<b>13.193</b>	<b>79.47</b>	<b>1.411</b>	<b>1.6</b>	<b>2.495</b>	<b>3.91</b>	<b>31.19</b>	<b>31.43</b>
<b>Quartz</b>	<b>(1,2,11)</b>	<b>13.193</b>	<b>79.47</b>	<b>1.41</b>	<b>1.6</b>	<b>2.495</b>	<b>3.91</b>	<b>31.19</b>	<b>31.43</b>
	Equiv. Refl.: (1,-3,-11), (2,1,-11), (2,-3,11), (-3,2,-11)								
<b>Quartz</b>	<b>(2,-8,7)</b>	<b>13.223</b>	<b>80.2</b>	<b>1.385</b>	<b>1.6</b>	<b>2.318</b>	<b>3.62</b>	<b>28.97</b>	<b>29.2</b>
	Equiv. Refl.: (6,2,7), (6,-8,-7)								
<b>Quartz</b>	<b>(2,6,-7)</b>	<b>13.223</b>	<b>80.2</b>	<b>1.384</b>	<b>1.6</b>	<b>2.318</b>	<b>3.62</b>	<b>28.97</b>	<b>29.2</b>
	Equiv. Refl.: (-8,2,-7), (-8,6,7)								
<b>LiNbO3</b>	<b>(2,4,25)</b>	<b>13.383</b>	<b>85.83</b>	<b>1.352</b>	<b>3.1</b>	<b>0.979</b>	<b>3.04</b>	<b>12.24</b>	<b>12.61</b>
	Equiv. Refl.: (2,-6,-25), (4,2,-25), (4,-6,25), (6,-2,-25), (6,-4,25), (-2,6,25), (-2,-4,-25), (-4,6,-25), (-4,-2,25), (-6,2,25), (-6,4,-25)								
<b>Sapph</b>	<b>(4,6,4)</b>	<b>13.253</b>	<b>80.99</b>	<b>1.277</b>	<b>1.5</b>	<b>2.128</b>	<b>3.26</b>	<b>26.59</b>	<b>26.79</b>
	Equiv. Refl.: (4,-10,-4), (6,4,-4), (6,-10,4), (10,-4,-4), (10,-6,4), (-4,10,4), (-4,-6,-4), (-6,10,-4), (-6,-4,4), (-10,4,4), (-10,6,-4)								
<b>Sapph</b>	<b>(4,5,11)</b>	<b>12.87</b>	<b>73.55</b>	<b>1.272</b>	<b>1.4</b>	<b>3.963</b>	<b>5.55</b>	<b>49.54</b>	<b>49.85</b>
	Equiv. Refl.: (4,-9,-11), (5,4,-11), (5,-9,11), (9,-4,-11), (9,-5,11), (-4,9,11), (-4,-5,-11), (-5,9,-11), (-5,-4,11), (-9,4,11), (-9,5,-11)								
<b>Quartz</b>	<b>(0,9,1)</b>	<b>13.163</b>	<b>78.79</b>	<b>1.186</b>	<b>1.3</b>	<b>2.66</b>	<b>3.54</b>	<b>33.25</b>	<b>33.43</b>
	Equiv. Refl.: (0,-9,-1), (9,0,-1), (9,-9,1), (-9,0,1), (-9,9,-1)								
<b>Sapph</b>	<b>(3,5,-17)</b>	<b>13.294</b>	<b>82.18</b>	<b>1.183</b>	<b>1.5</b>	<b>1.843</b>	<b>2.74</b>	<b>23.03</b>	<b>23.2</b>
	Equiv. Refl.: (3,-8,17), (5,3,17), (5,-8,-17), (8,-3,17), (8,-5,-17), (-3,8,-17), (-3,-5,17), (-5,8,17), (-5,-3,-17), (-8,3,-17), (-8,5,17)								
<b>Quartz</b>	<b>(2,4,9)</b>	<b>12.884</b>	<b>73.77</b>	<b>1.159</b>	<b>1.2</b>	<b>3.906</b>	<b>4.82</b>	<b>48.82</b>	<b>49.06</b>
	Equiv. Refl.: (2,-6,-9), (4,2,-9), (4,-6,9), (-6,2,9), (-6,4,-9)								
<b>Quartz</b>	<b>(4,6,-1)</b>	<b>12.753</b>	<b>71.88</b>	<b>1.145</b>	<b>1.2</b>	<b>4.392</b>	<b>5.31</b>	<b>54.9</b>	<b>55.15</b>
	Equiv. Refl.: (4,-10,1), (6,4,1), (6,-10,-1), (-10,4,-1), (-10,6,-1)								
<b>Quartz</b>	<b>(6,-4,9)</b>	<b>12.884</b>	<b>73.77</b>	<b>1.127</b>	<b>1.2</b>	<b>3.906</b>	<b>4.82</b>	<b>48.82</b>	<b>49.06</b>
<b>Quartz</b>	<b>(6,-2,-9)</b>	<b>12.884</b>	<b>73.77</b>	<b>1.126</b>	<b>1.2</b>	<b>3.906</b>	<b>4.82</b>	<b>48.82</b>	<b>49.06</b>
	Equiv. Refl.: (-2,6,9), (-2,-4,-9), (-4,6,-9), (-4,-2,9)								
<b>Quartz</b>	<b>(10,-4,1)</b>	<b>12.753</b>	<b>71.88</b>	<b>1.115</b>	<b>1.2</b>	<b>4.392</b>	<b>5.31</b>	<b>54.9</b>	<b>55.15</b>
	Equiv. Refl.: (10,-6,-1)								
<b>Quartz</b>	<b>(-4,10,-1)</b>	<b>12.753</b>	<b>71.88</b>	<b>1.114</b>	<b>1.2</b>	<b>4.392</b>	<b>5.31</b>	<b>54.9</b>	<b>55.15</b>
	Equiv. Refl.: (-4,-6,1), (-6,10,1), (-6,-4,-1)								
<b>Quartz</b>	<b>(9,-1,-4)</b>	<b>13.267</b>	<b>81.37</b>	<b>1.087</b>	<b>1.3</b>	<b>2.037</b>	<b>2.61</b>	<b>25.46</b>	<b>25.59</b>
	Equiv. Refl.: (9,-8,4), (-1,9,4), (-1,-8,-4), (-8,9,-4), (-8,-1,4)								
<b>Quartz</b>	<b>(1,8,4)</b>	<b>13.267</b>	<b>81.37</b>	<b>1.069</b>	<b>1.3</b>	<b>2.037</b>	<b>2.61</b>	<b>25.46</b>	<b>25.59</b>
	Equiv. Refl.: (1,-9,-4), (8,1,-4), (8,-9,4), (-9,1,4), (-9,8,-4)								
<b>Quartz</b>	<b>(8,-1,6)</b>	<b>12.975</b>	<b>75.23</b>	<b>1.06</b>	<b>1.2</b>	<b>3.538</b>	<b>4.07</b>	<b>44.23</b>	<b>44.42</b>
	Equiv. Refl.: (8,-7,-6)								
<b>Quartz</b>	<b>(-1,8,-6)</b>	<b>12.975</b>	<b>75.23</b>	<b>1.059</b>	<b>1.2</b>	<b>3.538</b>	<b>4.07</b>	<b>44.23</b>	<b>44.42</b>
	Equiv. Refl.: (-1,-7,6), (-7,8,6), (-7,-1,-6)								
<b>Quartz</b>	<b>(9,-4,-5)</b>	<b>12.743</b>	<b>71.74</b>	<b>1.049</b>	<b>1.1</b>	<b>4.429</b>	<b>5</b>	<b>55.36</b>	<b>55.58</b>
	Equiv. Refl.: (9,-5,5), (-4,9,5), (-4,-5,-5), (-5,9,-5), (-5,-4,5)								
<b>Quartz</b>	<b>(-9,4,5)</b>	<b>12.743</b>	<b>71.74</b>	<b>1.046</b>	<b>1.1</b>	<b>4.429</b>	<b>5</b>	<b>55.36</b>	<b>55.58</b>
<b>Quartz</b>	<b>(4,5,5)</b>	<b>12.743</b>	<b>71.74</b>	<b>1.045</b>	<b>1.1</b>	<b>4.429</b>	<b>5</b>	<b>55.36</b>	<b>55.58</b>
	Equiv. Refl.: (4,-9,-5), (5,4,-5), (5,-9,5), (-9,5,-5)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Sapph</b>	<b>(4,4,15)</b>	<b>12.645</b>	<b>70.44</b>	<b>1.042</b>	<b>1.2</b>	<b>4.767</b>	<b>5.5</b>	<b>59.58</b>	<b>59.84</b>
	Equiv. Refl.: (4,4,-15), (4,-8,15), (4,-8,-15), (8,-4,15), (8,-4,-15), (-4,8,15), (-4,8,-15), (-4,-4,15), (-4,-4,-15), (-8,4,15), (-8,4,-15)								
<b>Quartz</b>	<b>(8,1,4)</b>	<b>13.267</b>	<b>81.37</b>	<b>1.034</b>	<b>1.2</b>	<b>2.037</b>	<b>2.47</b>	<b>25.46</b>	<b>25.58</b>
	Equiv. Refl.: (8,-9,-4)								
<b>Quartz</b>	<b>(1,8,-4)</b>	<b>13.267</b>	<b>81.37</b>	<b>1.033</b>	<b>1.2</b>	<b>2.037</b>	<b>2.47</b>	<b>25.46</b>	<b>25.58</b>
	Equiv. Refl.: (1,-9,4), (-9,1,-4), (-9,8,4)								
<b>Quartz</b>	<b>(2,-1,11)</b>	<b>12.867</b>	<b>73.51</b>	<b>1.031</b>	<b>1.1</b>	<b>3.972</b>	<b>4.45</b>	<b>49.65</b>	<b>49.85</b>
	Equiv. Refl.: (2,-1,-11), (-1,2,11), (-1,2,-11), (-1,-1,11), (-1,-1,-11)								
<b>Quartz</b>	<b>(9,-2,-4)</b>	<b>12.778</b>	<b>72.22</b>	<b>1.029</b>	<b>1.1</b>	<b>4.303</b>	<b>4.75</b>	<b>53.79</b>	<b>54</b>
	Equiv. Refl.: (9,-7,4), (-2,9,4), (-2,-7,-4), (-7,9,-4), (-7,-2,4)								
<b>Quartz</b>	<b>(1,7,-6)</b>	<b>12.975</b>	<b>75.23</b>	<b>1.028</b>	<b>1.2</b>	<b>3.538</b>	<b>4.07</b>	<b>44.23</b>	<b>44.42</b>
	Equiv. Refl.: (7,1,6), (7,-8,-6), (-8,1,-6), (-8,7,6)								
<b>Quartz</b>	<b>(1,-8,6)</b>	<b>12.975</b>	<b>75.23</b>	<b>1.027</b>	<b>1.2</b>	<b>3.538</b>	<b>4.07</b>	<b>44.23</b>	<b>44.42</b>
<b>Quartz</b>	<b>(1,1,11)</b>	<b>12.867</b>	<b>73.51</b>	<b>1.023</b>	<b>1.1</b>	<b>3.972</b>	<b>4.46</b>	<b>49.65</b>	<b>49.85</b>
	Equiv. Refl.: (1,1,-11), (1,-2,11), (1,-2,-11)								
<b>Quartz</b>	<b>(-2,1,11)</b>	<b>12.867</b>	<b>73.51</b>	<b>1.022</b>	<b>1.1</b>	<b>3.972</b>	<b>4.45</b>	<b>49.65</b>	<b>49.85</b>
	Equiv. Refl.: (-2,1,-11)								
<b>Quartz</b>	<b>(3,7,0)</b>	<b>12.95</b>	<b>74.81</b>	<b>1.018</b>	<b>1.1</b>	<b>3.644</b>	<b>4.04</b>	<b>45.55</b>	<b>45.73</b>
	Equiv. Refl.: (3,-10,0), (7,3,0), (7,-10,0), (-10,3,0), (-10,7,0)								
<b>Quartz</b>	<b>(2,7,4)</b>	<b>12.778</b>	<b>72.22</b>	<b>1.007</b>	<b>1.1</b>	<b>4.303</b>	<b>4.75</b>	<b>53.79</b>	<b>54</b>
	Equiv. Refl.: (2,-9,-4), (7,2,-4), (7,-9,4)								
<b>Quartz</b>	<b>(-9,2,4)</b>	<b>12.778</b>	<b>72.22</b>	<b>1.006</b>	<b>1.1</b>	<b>4.303</b>	<b>4.75</b>	<b>53.79</b>	<b>54</b>
	Equiv. Refl.: (-9,7,-4)								
<b>Quartz</b>	<b>(10,-3,0)</b>	<b>12.95</b>	<b>74.81</b>	<b>0.988</b>	<b>1.1</b>	<b>3.644</b>	<b>4.04</b>	<b>45.55</b>	<b>45.73</b>
	Equiv. Refl.: (10,-7,0), (-3,10,0), (-3,-7,0), (-7,10,0), (-7,-3,0)								
<b>Quartz</b>	<b>(9,-1,4)</b>	<b>13.267</b>	<b>81.37</b>	<b>0.986</b>	<b>1.2</b>	<b>2.037</b>	<b>2.47</b>	<b>25.46</b>	<b>25.58</b>
	Equiv. Refl.: (9,-8,-4), (-1,9,-4), (-1,-8,4), (-8,9,4), (-8,-1,-4)								
<b>Quartz</b>	<b>(2,8,0)</b>	<b>13.353</b>	<b>84.34</b>	<b>0.972</b>	<b>1.3</b>	<b>1.331</b>	<b>1.71</b>	<b>16.63</b>	<b>16.72</b>
	Equiv. Refl.: (2,-10,0), (8,2,0), (8,-10,0), (-10,2,0), (-10,8,0)								
<b>Quartz</b>	<b>(2,4,-9)</b>	<b>12.884</b>	<b>73.77</b>	<b>0.965</b>	<b>1.1</b>	<b>3.906</b>	<b>4.15</b>	<b>48.82</b>	<b>49</b>
	Equiv. Refl.: (2,-6,9)								
<b>Quartz</b>	<b>(4,2,9)</b>	<b>12.884</b>	<b>73.77</b>	<b>0.964</b>	<b>1.1</b>	<b>3.906</b>	<b>4.15</b>	<b>48.82</b>	<b>49</b>
	Equiv. Refl.: (4,-6,-9), (-3,9,5), (-3,-6,-5), (-6,2,-9), (-6,4,9), (-6,9,-5), (-6,-3,5)								
<b>Quartz</b>	<b>(9,-3,-5)</b>	<b>12.908</b>	<b>74.14</b>	<b>0.963</b>	<b>1</b>	<b>3.811</b>	<b>4</b>	<b>47.64</b>	<b>47.81</b>
	Equiv. Refl.: (9,-6,5), (10,-2,0), (10,-8,0), (-2,6,-9), (-2,10,0), (-2,-4,9), (-2,-8,0), (-8,10,0), (-8,-2,0)								
<b>Quartz</b>	<b>(6,-2,9)</b>	<b>12.884</b>	<b>73.77</b>	<b>0.962</b>	<b>1.1</b>	<b>3.906</b>	<b>4.15</b>	<b>48.82</b>	<b>49</b>
	Equiv. Refl.: (6,-4,-9), (-4,6,9), (-4,-2,-9)								
<b>Quartz</b>	<b>(1,7,6)</b>	<b>12.975</b>	<b>75.23</b>	<b>0.952</b>	<b>1</b>	<b>3.538</b>	<b>3.69</b>	<b>44.23</b>	<b>44.38</b>
	Equiv. Refl.: (1,-8,-6), (-8,1,6), (-8,7,-6)								
<b>Quartz</b>	<b>(7,1,-6)</b>	<b>12.975</b>	<b>75.23</b>	<b>0.951</b>	<b>1</b>	<b>3.538</b>	<b>3.69</b>	<b>44.23</b>	<b>44.38</b>
	Equiv. Refl.: (7,-8,6)								
<b>Quartz</b>	<b>(-1,7,8)</b>	<b>13.247</b>	<b>80.82</b>	<b>0.946</b>	<b>1.1</b>	<b>2.17</b>	<b>2.43</b>	<b>27.12</b>	<b>27.23</b>
<b>Quartz</b>	<b>(7,-1,-8)</b>	<b>13.247</b>	<b>80.82</b>	<b>0.945</b>	<b>1.1</b>	<b>2.17</b>	<b>2.43</b>	<b>27.12</b>	<b>27.23</b>
	Equiv. Refl.: (7,-6,8), (-1,-6,-8), (-6,7,-8), (-6,-1,8)								
<b>Quartz</b>	<b>(3,6,5)</b>	<b>12.908</b>	<b>74.14</b>	<b>0.929</b>	<b>1</b>	<b>3.811</b>	<b>4</b>	<b>47.64</b>	<b>47.81</b>
	Equiv. Refl.: (3,-9,-5), (6,3,-5), (6,-9,5), (-9,3,5), (-9,6,-5)								
<b>Quartz</b>	<b>(6,-3,9)</b>	<b>12.802</b>	<b>72.55</b>	<b>0.92</b>	<b>1</b>	<b>4.217</b>	<b>4.26</b>	<b>52.71</b>	<b>52.89</b>
	Equiv. Refl.: (6,-3,-9), (-3,6,9), (-3,6,-9), (-3,-3,9), (-3,-3,-9)								



<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Quartz</b>	<b>(3,3,9)</b>	<b>12.802</b>	<b>72.55</b>	<b>0.917</b>	<b>1</b>	<b>4.217</b>	<b>4.26</b>	<b>52.71</b>	<b>52.89</b>
	Equiv. Refl.: (3,3,-9), (3,-6,9), (3,-6,-9), (-6,3,9), (-6,3,-9)								
<b>Quartz</b>	<b>(-3,7,8)</b>	<b>12.757</b>	<b>71.93</b>	<b>0.914</b>	<b>1</b>	<b>4.378</b>	<b>4.38</b>	<b>54.73</b>	<b>54.9</b>
	Equiv. Refl.: (-3,-4,-8), (-4,7,-8)								
<b>Quartz</b>	<b>(7,-3,-8)</b>	<b>12.757</b>	<b>71.93</b>	<b>0.913</b>	<b>1</b>	<b>4.378</b>	<b>4.37</b>	<b>54.73</b>	<b>54.9</b>
	Equiv. Refl.: (7,-4,8), (-4,-3,8)								
<b>Quartz</b>	<b>(8,-1,-6)</b>	<b>12.975</b>	<b>75.23</b>	<b>0.91</b>	<b>1</b>	<b>3.538</b>	<b>3.69</b>	<b>44.23</b>	<b>44.38</b>
	Equiv. Refl.: (8,-7,6), (-1,8,6), (-1,-7,-6), (-7,8,-6), (-7,-1,6)								
<b>Quartz</b>	<b>(3,4,8)</b>	<b>12.757</b>	<b>71.93</b>	<b>0.908</b>	<b>1</b>	<b>4.378</b>	<b>4.38</b>	<b>54.73</b>	<b>54.9</b>
	Equiv. Refl.: (3,-7,-8), (4,3,-8), (4,-7,8), (-7,3,8), (-7,4,-8)								
<b>Quartz</b>	<b>(1,6,8)</b>	<b>13.247</b>	<b>80.82</b>	<b>0.907</b>	<b>1.1</b>	<b>2.17</b>	<b>2.43</b>	<b>27.12</b>	<b>27.23</b>
	Equiv. Refl.: (1,-7,-8), (6,1,-8), (6,-7,8)								
<b>Quartz</b>	<b>(-7,1,8)</b>	<b>13.247</b>	<b>80.82</b>	<b>0.906</b>	<b>1.1</b>	<b>2.17</b>	<b>2.43</b>	<b>27.12</b>	<b>27.23</b>
	Equiv. Refl.: (-7,6,-8)								
<b>Quartz</b>	<b>(-6,1,-9)</b>	<b>13.129</b>	<b>78.07</b>	<b>0.868</b>	<b>1</b>	<b>2.835</b>	<b>2.83</b>	<b>35.44</b>	<b>35.55</b>
	Equiv. Refl.: (-6,5,9)								
<b>Quartz</b>	<b>(1,5,-9)</b>	<b>13.129</b>	<b>78.07</b>	<b>0.867</b>	<b>1</b>	<b>2.835</b>	<b>2.83</b>	<b>35.44</b>	<b>35.55</b>
	Equiv. Refl.: (1,-6,9), (5,1,9), (5,-6,-9)								
<b>Sapph</b>	<b>(2,7,-8)</b>	<b>12.893</b>	<b>73.9</b>	<b>0.858</b>	<b>1</b>	<b>3.874</b>	<b>3.89</b>	<b>48.42</b>	<b>48.58</b>
	Equiv. Refl.: (2,-9,8), (7,2,8), (7,-9,-8), (9,-2,8), (9,-7,-8), (-2,9,-8), (-2,-7,8), (-7,9,8), (-7,-2,-8), (-9,2,-8), (-9,7,8)								
<b>Quartz</b>	<b>(-5,10,3)</b>	<b>13.079</b>	<b>77.07</b>	<b>0.849</b>	<b>1</b>	<b>3.081</b>	<b>3.02</b>	<b>38.51</b>	<b>38.63</b>
	Equiv. Refl.: (-5,-5,-3)								
<b>Quartz</b>	<b>(10,-5,3)</b>	<b>13.079</b>	<b>77.07</b>	<b>0.848</b>	<b>1</b>	<b>3.081</b>	<b>3.02</b>	<b>38.51</b>	<b>38.63</b>
	Equiv. Refl.: (10,-5,-3), (-5,10,-3), (-5,-5,3)								
<b>Quartz</b>	<b>(5,5,3)</b>	<b>13.079</b>	<b>77.07</b>	<b>0.846</b>	<b>1</b>	<b>3.081</b>	<b>3.02</b>	<b>38.51</b>	<b>38.63</b>
	Equiv. Refl.: (5,5,-3), (5,-10,3), (5,-10,-3), (-10,5,3), (-10,5,-3)								
<b>Quartz</b>	<b>(6,-1,9)</b>	<b>13.129</b>	<b>78.07</b>	<b>0.834</b>	<b>1</b>	<b>2.835</b>	<b>2.83</b>	<b>35.44</b>	<b>35.55</b>
	Equiv. Refl.: (6,-5,-9), (-1,-5,9), (-5,6,9), (-5,-1,-9)								
<b>Quartz</b>	<b>(9,-1,2)</b>	<b>12.658</b>	<b>70.61</b>	<b>0.833</b>	<b>0.9</b>	<b>4.722</b>	<b>4.33</b>	<b>59.03</b>	<b>59.19</b>
	Equiv. Refl.: (9,-8,-2), (-1,6,-9), (-1,9,-2), (-1,-8,2), (-8,9,2), (-8,-1,-2)								
<b>Quartz</b>	<b>(1,8,-2)</b>	<b>12.658</b>	<b>70.61</b>	<b>0.831</b>	<b>0.9</b>	<b>4.722</b>	<b>4.33</b>	<b>59.03</b>	<b>59.19</b>
	Equiv. Refl.: (8,1,2), (8,-9,-2)								
<b>Quartz</b>	<b>(1,-9,2)</b>	<b>12.658</b>	<b>70.61</b>	<b>0.83</b>	<b>0.9</b>	<b>4.722</b>	<b>4.33</b>	<b>59.03</b>	<b>59.19</b>
	Equiv. Refl.: (-9,1,-2), (-9,8,2)								
<b>Quartz</b>	<b>(10,-4,-2)</b>	<b>12.907</b>	<b>74.12</b>	<b>0.808</b>	<b>0.9</b>	<b>3.816</b>	<b>3.41</b>	<b>47.7</b>	<b>47.82</b>
	Equiv. Refl.: (10,-6,2), (-4,10,2), (-4,-6,-2), (-6,10,-2), (-6,-4,2)								
<b>Quartz</b>	<b>(4,4,7)</b>	<b>12.898</b>	<b>73.98</b>	<b>0.779</b>	<b>0.9</b>	<b>3.852</b>	<b>3.41</b>	<b>48.15</b>	<b>48.27</b>
	Equiv. Refl.: (4,4,-7), (4,-8,7), (4,-8,-7), (-8,4,7), (-8,4,-7)								
<b>Quartz</b>	<b>(8,-4,7)</b>	<b>12.898</b>	<b>73.98</b>	<b>0.777</b>	<b>0.9</b>	<b>3.852</b>	<b>3.41</b>	<b>48.15</b>	<b>48.27</b>
	Equiv. Refl.: (8,-4,-7), (-4,8,7), (-4,8,-7), (-4,-4,7), (-4,-4,-7)								
<b>Quartz</b>	<b>(7,-3,8)</b>	<b>12.757</b>	<b>71.93</b>	<b>0.774</b>	<b>0.9</b>	<b>4.378</b>	<b>3.78</b>	<b>54.73</b>	<b>54.86</b>
	Equiv. Refl.: (7,-4,-8), (-3,7,-8), (-3,-4,8), (-4,7,8), (-4,-3,-8)								
<b>Quartz</b>	<b>(0,4,-10)</b>	<b>12.866</b>	<b>73.49</b>	<b>0.771</b>	<b>0.9</b>	<b>3.977</b>	<b>3.48</b>	<b>49.71</b>	<b>49.83</b>
	Equiv. Refl.: (0,-4,10), (4,0,10), (4,-4,-10), (-4,0,-10), (-4,4,10)								
<b>Quartz</b>	<b>(0,6,8)</b>	<b>12.674</b>	<b>70.81</b>	<b>0.764</b>	<b>0.9</b>	<b>4.669</b>	<b>3.98</b>	<b>58.36</b>	<b>58.5</b>
	Equiv. Refl.: (0,7,7), (0,-6,-8), (0,-7,-7), (3,4,-8), (3,-7,8), (4,3,8), (4,6,2), (4,-7,-8), (4,-10,-2), (6,0,-8), (6,4,-2), (6,-6,8), (6,-10,2), (7,0,-7), (7,-7,7), (-6,0,8), (-6,6,-8), (-7,0,7), (-7,3,-8), (-7,4,8), (-7,7,-7), (-10,4,2), (-10,6,-2)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>LiNbO3</b>	<b>(1,9,1)</b>	<b>13.272</b>	<b>81.51</b>	<b>0.746</b>	<b>1.6</b>	<b>2.003</b>	<b>3.28</b>	<b>25.04</b>	<b>25.25</b>
	Equiv. Refl.: (1,-10,-1), (9,1,-1), (9,-10,1), (10,-1,-1), (10,-9,1), (-1,10,1), (-1,-9,-1), (-9,10,-1), (-9,-1,1), (-10,1,1), (-10,9,-1), (0,2,11), (0,-2,-11), (8,0,5), (8,-8,-5), (-8,0,-5), (-8,8,5)								
<b>Quartz</b>	<b>(0,8,-5)</b>	<b>12.99</b>	<b>75.48</b>	<b>0.745</b>	<b>0.9</b>	<b>3.475</b>	<b>3.01</b>	<b>43.44</b>	<b>43.55</b>
	Equiv. Refl.: (0,-8,5), (2,0,-11), (-2,0,11)								
<b>Quartz</b>	<b>(2,-2,11)</b>	<b>12.949</b>	<b>74.8</b>	<b>0.744</b>	<b>0.9</b>	<b>3.647</b>	<b>3.14</b>	<b>45.59</b>	<b>45.69</b>
	Equiv. Refl.: (-2,2,-11)								
<b>Quartz</b>	<b>(9,-4,5)</b>	<b>12.743</b>	<b>71.74</b>	<b>0.733</b>	<b>0.8</b>	<b>4.429</b>	<b>3.65</b>	<b>55.36</b>	<b>55.48</b>
	Equiv. Refl.: (9,-5,-5), (-4,9,-5), (-5,9,5), (-5,-4,-5)								
<b>Quartz</b>	<b>(-4,-5,5)</b>	<b>12.743</b>	<b>71.74</b>	<b>0.732</b>	<b>0.8</b>	<b>4.429</b>	<b>3.65</b>	<b>55.36</b>	<b>55.48</b>
<b>Quartz</b>	<b>(3,7,-2)</b>	<b>13.152</b>	<b>78.54</b>	<b>0.731</b>	<b>0.9</b>	<b>2.72</b>	<b>2.39</b>	<b>34</b>	<b>34.08</b>
	Equiv. Refl.: (3,-10,2), (7,3,2), (7,-10,-2), (-10,3,-2), (-10,7,2)								
<b>Quartz</b>	<b>(4,5,-5)</b>	<b>12.743</b>	<b>71.74</b>	<b>0.728</b>	<b>0.8</b>	<b>4.429</b>	<b>3.65</b>	<b>55.36</b>	<b>55.48</b>
	Equiv. Refl.: (4,-9,5), (5,4,5), (5,-9,-5), (-9,4,-5), (-9,5,5)								
<b>Quartz</b>	<b>(-8,5,-7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.726</b>	<b>0.8</b>	<b>3.519</b>	<b>2.97</b>	<b>43.98</b>	<b>44.08</b>
<b>Quartz</b>	<b>(3,5,7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.725</b>	<b>0.8</b>	<b>3.519</b>	<b>2.97</b>	<b>43.98</b>	<b>44.08</b>
	Equiv. Refl.: (3,-8,-7), (5,-8,7), (-8,3,7)								
<b>Quartz</b>	<b>(5,3,-7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.724</b>	<b>0.8</b>	<b>3.519</b>	<b>2.97</b>	<b>43.98</b>	<b>44.08</b>
<b>Quartz</b>	<b>(8,-3,-7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.719</b>	<b>0.8</b>	<b>3.519</b>	<b>2.97</b>	<b>43.98</b>	<b>44.08</b>
	Equiv. Refl.: (8,-5,7), (-3,8,7), (-3,-5,-7)								
<b>Quartz</b>	<b>(-5,8,-7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.718</b>	<b>0.8</b>	<b>3.519</b>	<b>2.97</b>	<b>43.98</b>	<b>44.08</b>
	Equiv. Refl.: (-5,-3,7)								
<b>Quartz</b>	<b>(10,-3,2)</b>	<b>13.152</b>	<b>78.54</b>	<b>0.714</b>	<b>0.9</b>	<b>2.72</b>	<b>2.39</b>	<b>34</b>	<b>34.08</b>
	Equiv. Refl.: (10,-7,-2), (-3,10,-2), (-3,-7,2), (-7,10,2), (-7,-3,-2)								
<b>Quartz</b>	<b>(6,2,-7)</b>	<b>13.223</b>	<b>80.2</b>	<b>0.707</b>	<b>0.9</b>	<b>2.318</b>	<b>2.02</b>	<b>28.97</b>	<b>29.04</b>
	Equiv. Refl.: (6,-8,7), (-8,2,7), (-8,6,-7)								
<b>Quartz</b>	<b>(2,6,7)</b>	<b>13.223</b>	<b>80.2</b>	<b>0.706</b>	<b>0.9</b>	<b>2.318</b>	<b>2.02</b>	<b>28.97</b>	<b>29.04</b>
	Equiv. Refl.: (2,-8,-7), (7,-1,8), (7,-6,-8), (-1,-6,8), (-6,7,8), (-6,-1,-8)								
<b>Quartz</b>	<b>(-1,7,-8)</b>	<b>13.247</b>	<b>80.82</b>	<b>0.705</b>	<b>0.9</b>	<b>2.17</b>	<b>1.94</b>	<b>27.12</b>	<b>27.19</b>
<b>Sapph</b>	<b>(2,7,7)</b>	<b>12.759</b>	<b>71.96</b>	<b>0.695</b>	<b>0.8</b>	<b>4.37</b>	<b>3.63</b>	<b>54.63</b>	<b>54.75</b>
	Equiv. Refl.: (2,-9,-7), (7,2,-7), (7,-9,7), (9,-2,-7), (9,-7,7), (-2,9,7), (-2,-7,-7), (-7,9,-7), (-7,-2,7), (-9,2,7), (-9,7,-7)								
<b>Quartz</b>	<b>(6,1,8)</b>	<b>13.247</b>	<b>80.82</b>	<b>0.69</b>	<b>0.9</b>	<b>2.17</b>	<b>1.94</b>	<b>27.12</b>	<b>27.19</b>
	Equiv. Refl.: (6,-7,-8), (-7,6,8)								
<b>Quartz</b>	<b>(1,6,-8)</b>	<b>13.247</b>	<b>80.82</b>	<b>0.689</b>	<b>0.9</b>	<b>2.17</b>	<b>1.94</b>	<b>27.12</b>	<b>27.19</b>
	Equiv. Refl.: (1,-7,8), (-7,1,-8)								
<b>Quartz</b>	<b>(4,5,-6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.667</b>	<b>0.9</b>	<b>1.809</b>	<b>1.61</b>	<b>22.62</b>	<b>22.67</b>
	Equiv. Refl.: (4,-9,6), (-9,4,-6), (-9,5,6)								
<b>Quartz</b>	<b>(5,4,6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.666</b>	<b>0.9</b>	<b>1.809</b>	<b>1.61</b>	<b>22.62</b>	<b>22.67</b>
	Equiv. Refl.: (5,-9,-6)								
<b>Quartz</b>	<b>(8,-2,-7)</b>	<b>13.223</b>	<b>80.2</b>	<b>0.665</b>	<b>0.9</b>	<b>2.318</b>	<b>2.02</b>	<b>28.97</b>	<b>29.04</b>
	Equiv. Refl.: (8,-6,7), (-2,8,7), (-6,8,-7), (-6,-2,7)								
<b>Quartz</b>	<b>(-2,-6,-7)</b>	<b>13.223</b>	<b>80.2</b>	<b>0.664</b>	<b>0.9</b>	<b>2.318</b>	<b>2.02</b>	<b>28.97</b>	<b>29.04</b>
<b>Quartz</b>	<b>(-1,4,10)</b>	<b>12.616</b>	<b>70.08</b>	<b>0.657</b>	<b>0.7</b>	<b>4.864</b>	<b>3.54</b>	<b>60.79</b>	<b>60.9</b>
	Equiv. Refl.: (-1,-3,-10), (-3,4,-10)								
<b>Quartz</b>	<b>(4,-1,-10)</b>	<b>12.616</b>	<b>70.08</b>	<b>0.656</b>	<b>0.7</b>	<b>4.864</b>	<b>3.53</b>	<b>60.79</b>	<b>60.9</b>
	Equiv. Refl.: (4,-3,10), (-3,-1,10)								
<b>Quartz</b>	<b>(10,-4,-1)</b>	<b>12.753</b>	<b>71.88</b>	<b>0.653</b>	<b>0.7</b>	<b>4.392</b>	<b>3.28</b>	<b>54.9</b>	<b>54.99</b>
	Equiv. Refl.: (10,-6,1), (-4,10,1), (-4,-6,-1), (-6,10,-1), (-6,-4,1)								
<b>Quartz</b>	<b>(1,5,9)</b>	<b>13.129</b>	<b>78.07</b>	<b>0.65</b>	<b>0.8</b>	<b>2.835</b>	<b>2.22</b>	<b>35.44</b>	<b>35.51</b>
	Equiv. Refl.: (1,-6,-9), (5,1,-9), (5,-6,9), (-6,1,9), (-6,5,-9)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Quartz</b>	<b>(4,6,1)</b>	<b>12.753</b>	<b>71.88</b>	<b>0.644</b>	<b>0.7</b>	<b>4.392</b>	<b>3.28</b>	<b>54.9</b>	<b>54.99</b>
	Equiv. Refl.: (4,-10,-1), (6,4,-1), (6,-10,1), (9,-4,6), (9,-5,-6), (-4,9,-6), (-4,-5,6), (-10,4,1), (-10,6,-1)								
<b>Quartz</b>	<b>(-5,9,6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.643</b>	<b>0.9</b>	<b>1.809</b>	<b>1.61</b>	<b>22.62</b>	<b>22.67</b>
	Equiv. Refl.: (-5,-4,-6)								
<b>Quartz</b>	<b>(3,6,-5)</b>	<b>12.908</b>	<b>74.14</b>	<b>0.63</b>	<b>0.7</b>	<b>3.811</b>	<b>2.83</b>	<b>47.64</b>	<b>47.72</b>
	Equiv. Refl.: (3,-9,5), (6,3,5), (6,-9,-5), (-9,3,-5), (-9,6,5)								
<b>Quartz</b>	<b>(9,-3,5)</b>	<b>12.908</b>	<b>74.14</b>	<b>0.627</b>	<b>0.7</b>	<b>3.811</b>	<b>2.83</b>	<b>47.64</b>	<b>47.72</b>
	Equiv. Refl.: (9,-6,-5), (-3,9,-5), (-3,-6,5), (-6,9,5), (-6,-3,-5)								
<b>Quartz</b>	<b>(1,3,10)</b>	<b>12.616</b>	<b>70.08</b>	<b>0.619</b>	<b>0.7</b>	<b>4.864</b>	<b>3.54</b>	<b>60.79</b>	<b>60.9</b>
	Equiv. Refl.: (1,-4,-10), (3,-4,10)								
<b>Quartz</b>	<b>(3,1,-10)</b>	<b>12.616</b>	<b>70.08</b>	<b>0.618</b>	<b>0.7</b>	<b>4.864</b>	<b>3.54</b>	<b>60.79</b>	<b>60.9</b>
	Equiv. Refl.: (-4,1,10), (-4,3,-10)								
<b>Quartz</b>	<b>(1,8,3)</b>	<b>12.915</b>	<b>74.25</b>	<b>0.616</b>	<b>0.7</b>	<b>3.784</b>	<b>2.7</b>	<b>47.3</b>	<b>47.38</b>
	Equiv. Refl.: (1,-9,-3), (8,1,-3), (8,-9,3), (-9,1,3), (-9,8,-3)								
<b>Quartz</b>	<b>(9,-1,3)</b>	<b>12.915</b>	<b>74.25</b>	<b>0.614</b>	<b>0.7</b>	<b>3.784</b>	<b>2.75</b>	<b>47.3</b>	<b>47.38</b>
	Equiv. Refl.: (9,-8,-3), (-1,9,-3), (-1,-8,3), (-8,9,3), (-8,-1,-3)								
<b>Quartz</b>	<b>(-1,6,9)</b>	<b>13.129</b>	<b>78.07</b>	<b>0.613</b>	<b>0.8</b>	<b>2.835</b>	<b>2.22</b>	<b>35.44</b>	<b>35.51</b>
	Equiv. Refl.: (-5,-1,9)								
<b>Quartz</b>	<b>(6,-1,-9)</b>	<b>13.129</b>	<b>78.07</b>	<b>0.612</b>	<b>0.8</b>	<b>2.835</b>	<b>2.22</b>	<b>35.44</b>	<b>35.51</b>
	Equiv. Refl.: (6,-5,9), (-1,-5,-9), (-5,6,-9)								
<b>Quartz</b>	<b>(8,-9,-3)</b>	<b>12.915</b>	<b>74.25</b>	<b>0.61</b>	<b>0.7</b>	<b>3.784</b>	<b>2.75</b>	<b>47.3</b>	<b>47.38</b>
<b>Quartz</b>	<b>(1,8,-3)</b>	<b>12.915</b>	<b>74.25</b>	<b>0.609</b>	<b>0.7</b>	<b>3.784</b>	<b>2.75</b>	<b>47.3</b>	<b>47.38</b>
	Equiv. Refl.: (1,-9,3), (8,1,3), (-9,1,-3), (-9,8,3)								
<b>Sapph</b>	<b>(0,5,22)</b>	<b>12.917</b>	<b>74.27</b>	<b>0.595</b>	<b>0.8</b>	<b>3.779</b>	<b>2.84</b>	<b>47.23</b>	<b>47.32</b>
	Equiv. Refl.: (0,-5,-22), (5,0,-22), (5,-5,22), (-5,0,22), (-5,5,-22)								
<b>Quartz</b>	<b>(0,1,-11)</b>	<b>12.701</b>	<b>71.17</b>	<b>0.587</b>	<b>0.7</b>	<b>4.575</b>	<b>3.13</b>	<b>57.19</b>	<b>57.28</b>
	Equiv. Refl.: (0,-1,11), (1,0,11), (1,-1,-11), (-1,1,11)								
<b>Quartz</b>	<b>(-1,0,-11)</b>	<b>12.701</b>	<b>71.17</b>	<b>0.586</b>	<b>0.7</b>	<b>4.575</b>	<b>3.13</b>	<b>57.19</b>	<b>57.28</b>
<b>Quartz</b>	<b>(9,-1,-3)</b>	<b>12.915</b>	<b>74.25</b>	<b>0.581</b>	<b>0.7</b>	<b>3.784</b>	<b>2.7</b>	<b>47.3</b>	<b>47.38</b>
	Equiv. Refl.: (9,-8,3), (-1,9,3), (-1,-8,-3), (-8,9,-3), (-8,-1,3)								
<b>Quartz</b>	<b>(10,-4,3)</b>	<b>13.16</b>	<b>78.72</b>	<b>0.577</b>	<b>0.7</b>	<b>2.678</b>	<b>1.95</b>	<b>33.47</b>	<b>33.53</b>
	Equiv. Refl.: (10,-6,-3), (-4,10,-3), (-4,-6,3), (-6,10,3), (-6,-4,-3)								
<b>Sapph</b>	<b>(5,5,3)</b>	<b>13.107</b>	<b>77.62</b>	<b>0.569</b>	<b>0.8</b>	<b>2.945</b>	<b>2.25</b>	<b>36.81</b>	<b>36.88</b>
	Equiv. Refl.: (5,5,-3), (5,-10,3), (5,-10,-3), (10,-5,3), (10,-5,-3), (-5,10,3), (-5,10,-3), (-5,-5,3), (-5,-5,-3), (-10,5,3), (-10,5,-3)								
<b>Sapph</b>	<b>(2,3,23)</b>	<b>12.787</b>	<b>72.35</b>	<b>0.559</b>	<b>0.7</b>	<b>4.27</b>	<b>2.99</b>	<b>53.38</b>	<b>53.46</b>
	Equiv. Refl.: (2,-5,-23), (3,2,-23), (3,-5,23), (5,-2,-23), (5,-3,23), (-2,5,23), (-2,-3,-23), (-3,5,-23), (-3,-2,23), (-5,2,23), (-5,3,-23)								
<b>Quartz</b>	<b>(4,6,-3)</b>	<b>13.16</b>	<b>78.72</b>	<b>0.556</b>	<b>0.7</b>	<b>2.678</b>	<b>1.95</b>	<b>33.47</b>	<b>33.53</b>
	Equiv. Refl.: (4,-10,3), (6,4,3), (6,-10,-3), (-10,4,-3), (-10,6,3)								
<b>Quartz</b>	<b>(0,9,-1)</b>	<b>13.163</b>	<b>78.79</b>	<b>0.527</b>	<b>0.7</b>	<b>2.66</b>	<b>1.84</b>	<b>33.25</b>	<b>33.3</b>
	Equiv. Refl.: (0,-9,1), (9,0,1), (9,-9,-1), (-9,0,-1), (-9,9,1)								
<b>Quartz</b>	<b>(1,8,2)</b>	<b>12.658</b>	<b>70.61</b>	<b>0.504</b>	<b>0.6</b>	<b>4.722</b>	<b>2.73</b>	<b>59.03</b>	<b>59.09</b>
	Equiv. Refl.: (1,-9,-2), (8,1,-2), (8,-9,2), (-9,1,2), (-9,8,-2)								
<b>Quartz</b>	<b>(-4,9,6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.495</b>	<b>0.7</b>	<b>1.809</b>	<b>1.29</b>	<b>22.62</b>	<b>22.65</b>
	Equiv. Refl.: (-4,-5,-6)								
<b>Quartz</b>	<b>(9,-4,-6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.494</b>	<b>0.7</b>	<b>1.809</b>	<b>1.28</b>	<b>22.62</b>	<b>22.65</b>
	Equiv. Refl.: (9,-5,6)								
<b>Quartz</b>	<b>(-5,9,-6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.493</b>	<b>0.7</b>	<b>1.809</b>	<b>1.28</b>	<b>22.62</b>	<b>22.65</b>
	Equiv. Refl.: (-5,-4,6)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Quartz</b>	<b>(4,5,6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.468</b>	<b>0.7</b>	<b>1.809</b>	<b>1.29</b>	<b>22.62</b>	<b>22.65</b>
	Equiv. Refl.: (4,-9,-6)								
<b>Quartz</b>	<b>(-9,4,6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.467</b>	<b>0.7</b>	<b>1.809</b>	<b>1.28</b>	<b>22.62</b>	<b>22.65</b>
	Equiv. Refl.: (-9,5,-6)								
<b>Quartz</b>	<b>(5,4,-6)</b>	<b>13.299</b>	<b>82.32</b>	<b>0.466</b>	<b>0.7</b>	<b>1.809</b>	<b>1.28</b>	<b>22.62</b>	<b>22.65</b>
	Equiv. Refl.: (5,-9,6)								
<b>LiNbO3</b>	<b>(2,7,13)</b>	<b>12.78</b>	<b>72.25</b>	<b>0.463</b>	<b>0.9</b>	<b>4.295</b>	<b>4.02</b>	<b>53.69</b>	<b>53.84</b>
	Equiv. Refl.: (2,-9,-13), (7,2,-13), (7,-9,13), (9,-2,-13), (9,-7,13), (-2,9,13), (-2,-7,-13), (-7,9,-13), (-7,-2,13), (-9,2,13), (-9,7,-13)								
<b>LiNbO3</b>	<b>(4,6,-11)</b>	<b>13.082</b>	<b>77.13</b>	<b>0.46</b>	<b>1</b>	<b>3.065</b>	<b>3.21</b>	<b>38.32</b>	<b>38.45</b>
	Equiv. Refl.: (4,-10,11), (6,4,11), (6,-10,-11), (10,-4,11), (10,-6,-11), (-4,10,-11), (-4,-6,11), (-6,10,11), (-6,-4,-11), (-10,4,-11), (-10,6,11)								
<b>Quartz</b>	<b>(9,-1,-2)</b>	<b>12.658</b>	<b>70.61</b>	<b>0.459</b>	<b>0.6</b>	<b>4.722</b>	<b>2.73</b>	<b>59.03</b>	<b>59.09</b>
	Equiv. Refl.: (9,-8,2), (-1,9,2), (-1,-8,-2), (-8,9,-2), (-8,-1,2)								
<b>LiNbO3</b>	<b>(3,4,23)</b>	<b>13.316</b>	<b>82.9</b>	<b>0.446</b>	<b>1.3</b>	<b>1.671</b>	<b>2.21</b>	<b>20.89</b>	<b>21</b>
	Equiv. Refl.: (3,-7,-23), (4,3,-23), (4,-7,23), (7,-3,-23), (7,-4,23), (-3,7,23), (-3,-4,-23), (-4,7,-23), (-4,-3,23), (-7,3,23), (-7,4,-23)								
<b>Quartz</b>	<b>(2,1,11)</b>	<b>13.193</b>	<b>79.47</b>	<b>0.423</b>	<b>0.6</b>	<b>2.495</b>	<b>1.43</b>	<b>31.19</b>	<b>31.22</b>
	Equiv. Refl.: (2,-3,-11), (-3,1,-11)								
<b>LiNbO3</b>	<b>(2,2,27)</b>	<b>12.999</b>	<b>75.63</b>	<b>0.422</b>	<b>1</b>	<b>3.438</b>	<b>3.28</b>	<b>42.98</b>	<b>43.1</b>
	Equiv. Refl.: (2,2,-27), (2,-4,27), (2,-4,-27), (4,-2,27), (4,-2,-27), (-2,4,27), (-2,4,-27), (-2,-2,27), (-2,-2,-27), (-4,2,27), (-4,2,-27), (1,2,-11), (1,-3,11), (-3,2,11)								
<b>Quartz</b>	<b>(0,6,-8)</b>	<b>12.674</b>	<b>70.81</b>	<b>0.411</b>	<b>0.5</b>	<b>4.669</b>	<b>2.38</b>	<b>58.36</b>	<b>58.41</b>
	Equiv. Refl.: (0,-6,8), (6,0,8), (6,-6,-8), (-6,0,-8), (-6,6,8)								
<b>Quartz</b>	<b>(1,4,10)</b>	<b>13.272</b>	<b>81.51</b>	<b>0.405</b>	<b>0.6</b>	<b>2.003</b>	<b>1.22</b>	<b>25.04</b>	<b>25.07</b>
	Equiv. Refl.: (1,-5,-10), (4,1,-10), (4,-5,10)								
<b>Quartz</b>	<b>(-5,1,10)</b>	<b>13.272</b>	<b>81.51</b>	<b>0.403</b>	<b>0.6</b>	<b>2.003</b>	<b>1.21</b>	<b>25.04</b>	<b>25.07</b>
	Equiv. Refl.: (-5,4,-10)								
<b>Quartz</b>	<b>(-1,5,10)</b>	<b>13.272</b>	<b>81.51</b>	<b>0.399</b>	<b>0.6</b>	<b>2.003</b>	<b>1.22</b>	<b>25.04</b>	<b>25.07</b>
	Equiv. Refl.: (-1,-4,-10), (-4,5,-10), (-4,-1,10)								
<b>Quartz</b>	<b>(5,-1,10)</b>	<b>13.272</b>	<b>81.51</b>	<b>0.397</b>	<b>0.6</b>	<b>2.003</b>	<b>1.21</b>	<b>25.04</b>	<b>25.07</b>
	Equiv. Refl.: (5,-4,10)								
<b>Quartz</b>	<b>(3,1,10)</b>	<b>12.616</b>	<b>70.08</b>	<b>0.388</b>	<b>0.5</b>	<b>4.864</b>	<b>2.28</b>	<b>60.79</b>	<b>60.84</b>
	Equiv. Refl.: (3,-4,-10), (-4,1,-10)								
<b>Quartz</b>	<b>(1,3,-10)</b>	<b>12.616</b>	<b>70.08</b>	<b>0.387</b>	<b>0.5</b>	<b>4.864</b>	<b>2.28</b>	<b>60.79</b>	<b>60.84</b>
	Equiv. Refl.: (1,-4,10), (-4,3,10)								
<b>LiNbO3</b>	<b>(2,4,-23)</b>	<b>12.646</b>	<b>70.46</b>	<b>0.385</b>	<b>0.8</b>	<b>4.763</b>	<b>3.86</b>	<b>59.54</b>	<b>59.67</b>
	Equiv. Refl.: (2,-6,23), (4,2,23), (4,-6,-23), (6,-2,23), (6,-4,-23), (-2,6,-23), (-2,-4,23), (-4,6,23), (-4,-2,-23), (-6,2,-23), (-6,4,23)								
<b>Quartz</b>	<b>(3,-1,11)</b>	<b>13.193</b>	<b>79.47</b>	<b>0.381</b>	<b>0.6</b>	<b>2.495</b>	<b>1.43</b>	<b>31.19</b>	<b>31.22</b>
	Equiv. Refl.: (-2,3,11), (-2,-1,-11)								
<b>Quartz</b>	<b>(3,-2,-11)</b>	<b>13.193</b>	<b>79.47</b>	<b>0.38</b>	<b>0.6</b>	<b>2.495</b>	<b>1.43</b>	<b>31.19</b>	<b>31.22</b>
	Equiv. Refl.: (-1,3,-11), (-1,-2,11)								
<b>Sapph</b>	<b>(1,6,-17)</b>	<b>12.773</b>	<b>72.15</b>	<b>0.376</b>	<b>0.5</b>	<b>4.32</b>	<b>2.23</b>	<b>54</b>	<b>54.05</b>
	Equiv. Refl.: (1,-7,17), (6,1,17), (6,-7,-17), (7,-1,17), (7,-6,-17), (-1,7,-17), (-1,-6,17), (-6,7,17), (-6,-1,-17), (-7,1,-17), (-7,6,17)								
<b>Quartz</b>	<b>(8,-3,7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.374</b>	<b>0.5</b>	<b>3.519</b>	<b>1.75</b>	<b>43.98</b>	<b>44.02</b>
	Equiv. Refl.: (8,-5,-7), (-3,8,-7), (-3,-5,7)								
<b>Quartz</b>	<b>(-5,8,7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.373</b>	<b>0.5</b>	<b>3.519</b>	<b>1.75</b>	<b>43.98</b>	<b>44.02</b>
	Equiv. Refl.: (-5,-3,-7)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>Quartz</b>	<b>(3,5,-7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.368</b>	<b>0.5</b>	<b>3.519</b>	<b>1.75</b>	<b>43.98</b>	<b>44.02</b>
	Equiv. Refl.: (3,-8,7), (-8,3,-7), (-8,5,7)								
<b>Quartz</b>	<b>(5,3,7)</b>	<b>12.98</b>	<b>75.31</b>	<b>0.367</b>	<b>0.5</b>	<b>3.519</b>	<b>1.75</b>	<b>43.98</b>	<b>44.02</b>
	Equiv. Refl.: (5,-8,-7)								
<b>Quartz</b>	<b>(10,-4,0)</b>	<b>12.702</b>	<b>71.18</b>	<b>0.36</b>	<b>0.5</b>	<b>4.573</b>	<b>2.11</b>	<b>57.16</b>	<b>57.2</b>
	Equiv. Refl.: (10,-6,0), (-4,-10,0), (-4,-6,0), (-6,10,0), (-6,-4,0)								
<b>Quartz</b>	<b>(4,6,0)</b>	<b>12.702</b>	<b>71.18</b>	<b>0.359</b>	<b>0.5</b>	<b>4.573</b>	<b>2.11</b>	<b>57.16</b>	<b>57.2</b>
	Equiv. Refl.: (4,-10,0), (6,4,0), (6,-10,0), (-10,4,0), (-10,6,0)								
<b>Quartz</b>	<b>(-3,4,10)</b>	<b>12.616</b>	<b>70.08</b>	<b>0.358</b>	<b>0.5</b>	<b>4.864</b>	<b>2.28</b>	<b>60.79</b>	<b>60.84</b>
	Equiv. Refl.: (-3,-1,-10)								
<b>Quartz</b>	<b>(4,-1,10)</b>	<b>12.616</b>	<b>70.08</b>	<b>0.357</b>	<b>0.5</b>	<b>4.864</b>	<b>2.28</b>	<b>60.79</b>	<b>60.84</b>
	Equiv. Refl.: (4,-3,-10), (-1,4,-10), (-1,-3,10)								
<b>Quartz</b>	<b>(10,-3,-2)</b>	<b>13.152</b>	<b>78.54</b>	<b>0.348</b>	<b>0.5</b>	<b>2.72</b>	<b>1.36</b>	<b>34</b>	<b>34.02</b>
	Equiv. Refl.: (10,-7,2)								
<b>Quartz</b>	<b>(-3,10,2)</b>	<b>13.152</b>	<b>78.54</b>	<b>0.347</b>	<b>0.5</b>	<b>2.72</b>	<b>1.36</b>	<b>34</b>	<b>34.02</b>
	Equiv. Refl.: (-3,-7,-2), (-7,10,-2), (-7,-3,2)								
<b>Sapph</b>	<b>(1,3,25)</b>	<b>13.107</b>	<b>77.63</b>	<b>0.343</b>	<b>0.5</b>	<b>2.944</b>	<b>1.56</b>	<b>36.8</b>	<b>36.83</b>
	Equiv. Refl.: (1,-4,-25), (3,1,-25), (3,-4,25), (4,-1,-25), (4,-3,25), (-1,4,25), (-1,-3,-25), (-3,4,-25), (-3,-1,25), (-4,1,25), (-4,3,-25)								
<b>Quartz</b>	<b>(3,7,2)</b>	<b>13.152</b>	<b>78.54</b>	<b>0.34</b>	<b>0.5</b>	<b>2.72</b>	<b>1.36</b>	<b>34</b>	<b>34.02</b>
	Equiv. Refl.: (3,-10,-2), (7,3,-2), (7,-10,2), (-10,3,2), (-10,7,-2)								
<b>Sapph</b>	<b>(2,5,18)</b>	<b>12.731</b>	<b>71.57</b>	<b>0.335</b>	<b>0.5</b>	<b>4.471</b>	<b>2.09</b>	<b>55.89</b>	<b>55.93</b>
	Equiv. Refl.: (2,5,-18), (2,-7,18), (2,-7,-18), (5,2,18), (5,2,-18), (5,-7,18), (5,-7,-18), (7,-2,18), (7,-2,-18), (7,-5,18), (7,-5,-18), (-2,7,18), (-2,7,-18), (-2,-5,18), (-2,-5,-18), (-5,7,18), (-5,7,-18), (-5,-2,18), (-5,-2,-18), (-7,2,18), (-7,2,-18), (-7,5,18), (-7,5,-18)								
<b>Quartz</b>	<b>(0,4,10)</b>	<b>12.866</b>	<b>73.49</b>	<b>0.328</b>	<b>0.4</b>	<b>3.977</b>	<b>1.76</b>	<b>49.71</b>	<b>49.74</b>
	Equiv. Refl.: (0,-4,-10), (4,0,-10), (4,-4,10), (-4,0,10), (-4,4,-10)								
<b>LiNbO3</b>	<b>(4,5,17)</b>	<b>13.256</b>	<b>81.07</b>	<b>0.307</b>	<b>1</b>	<b>2.108</b>	<b>2.06</b>	<b>26.36</b>	<b>26.44</b>
	Equiv. Refl.: (4,-9,-17), (5,4,-17), (5,-9,17), (9,-4,-17), (9,-5,17), (-4,9,17), (-4,-5,-17), (-5,9,-17), (-5,-4,17), (-9,4,17), (-9,5,-17)								
<b>Quartz</b>	<b>(-10,6,-3)</b>	<b>13.16</b>	<b>78.72</b>	<b>0.289</b>	<b>0.4</b>	<b>2.678</b>	<b>1.14</b>	<b>33.47</b>	<b>33.49</b>
<b>Quartz</b>	<b>(4,6,3)</b>	<b>13.16</b>	<b>78.72</b>	<b>0.288</b>	<b>0.4</b>	<b>2.678</b>	<b>1.14</b>	<b>33.47</b>	<b>33.49</b>
	Equiv. Refl.: (4,-10,-3), (6,4,-3), (6,-10,3), (-10,4,3)								
<b>Quartz</b>	<b>(10,-4,-3)</b>	<b>13.16</b>	<b>78.72</b>	<b>0.256</b>	<b>0.4</b>	<b>2.678</b>	<b>1.14</b>	<b>33.47</b>	<b>33.49</b>
	Equiv. Refl.: (10,-6,3)								
<b>LiNbO3</b>	<b>(3,7,11)</b>	<b>13.302</b>	<b>82.42</b>	<b>0.255</b>	<b>1</b>	<b>1.785</b>	<b>1.7</b>	<b>22.31</b>	<b>22.38</b>
	Equiv. Refl.: (3,-10,-11), (7,3,-11), (7,-10,11), (10,-3,-11), (10,-7,11), (-3,10,11), (-3,-7,-11), (-7,10,-11), (-7,-3,11), (-10,3,11), (-10,7,-11), (-4,10,3), (-4,-6,-3), (-6,10,-3), (-6,-4,3)								
<b>LiNbO3</b>	<b>(2,8,9)</b>	<b>13.364</b>	<b>84.83</b>	<b>0.238</b>	<b>1.1</b>	<b>1.214</b>	<b>1.35</b>	<b>15.18</b>	<b>15.24</b>
	Equiv. Refl.: (2,8,-9), (2,-10,9), (2,-10,-9), (8,2,9), (8,2,-9), (8,-10,9), (8,-10,-9), (10,-2,9), (10,-2,-9), (10,-8,9), (10,-8,-9), (-2,10,9), (-2,10,-9), (-2,-8,9), (-2,-8,-9), (-8,10,9), (-8,10,-9), (-8,-2,9), (-8,-2,-9), (-10,2,9), (-10,2,-9), (-10,8,9), (-10,8,-9)								
<b>Quartz</b>	<b>(10,-3,1)</b>	<b>13.001</b>	<b>75.66</b>	<b>0.211</b>	<b>0.3</b>	<b>3.431</b>	<b>1.12</b>	<b>42.89</b>	<b>42.91</b>
	Equiv. Refl.: (10,-7,-1), (-3,10,-1), (-3,-7,1), (-7,10,1), (-7,-3,-1)								
<b>Quartz</b>	<b>(-5,10,1)</b>	<b>12.67</b>	<b>70.77</b>	<b>0.209</b>	<b>0.3</b>	<b>4.682</b>	<b>1.43</b>	<b>58.53</b>	<b>58.54</b>
	Equiv. Refl.: (-5,10,-1), (-5,-5,-1)								
<b>Quartz</b>	<b>(5,5,1)</b>	<b>12.67</b>	<b>70.77</b>	<b>0.208</b>	<b>0.3</b>	<b>4.682</b>	<b>1.43</b>	<b>58.53</b>	<b>58.54</b>
	Equiv. Refl.: (5,5,-1), (5,-10,1), (5,-10,-1), (10,-5,1), (10,-5,-1), (-5,-5,1), (-10,5,1), (-10,5,-1)								
<b>Sapph</b>	<b>(0,8,-8)</b>	<b>12.627</b>	<b>70.21</b>	<b>0.201</b>	<b>0.3</b>	<b>4.828</b>	<b>1.55</b>	<b>60.35</b>	<b>60.37</b>
	Equiv. Refl.: (0,-8,8), (8,0,8), (8,-8,-8), (-8,0,-8), (-8,8,8)								

<b>Ei =</b>	<b>13.419</b>	<b>keV</b>						<b>ΔEg</b>	<b>ΔEt</b>
<b>Cryst</b>	<b>Refl</b>	<b>EB</b>	<b>ΘB</b>	<b>∫ IR dΘ</b>	<b>Width</b>	<b>Ei cotΘ</b>	<b>ΔE</b>	<b>2m, 50μm</b>	<b>2m, 50μm</b>
	<b>(h,k,l)</b>	<b>[keV]</b>	<b>[°]</b>	<b>[μrad]</b>	<b>[μrad]</b>	<b>[meV/μrad]</b>	<b>[meV]</b>	<b>[meV]</b>	<b>[meV]</b>
<b>LiNbO3</b>	<b>(5,6,-1)</b>	<b>13.272</b>	<b>81.51</b>	<b>0.2</b>	<b>0.8</b>	<b>2.003</b>	<b>1.6</b>	<b>25.04</b>	<b>25.09</b>
	Equiv. Refl.: (5,-11,1), (6,5,1), (6,-11,-1), (11,-5,1), (11,-6,-1), (-5,11,-1), (-5,-6,1), (-6,11,1), (-6,-5,-1), (-11,5,-1), (-11,6,1)								
<b>Quartz</b>	<b>(3,7,-1)</b>	<b>13.001</b>	<b>75.66</b>	<b>0.199</b>	<b>0.3</b>	<b>3.431</b>	<b>1.12</b>	<b>42.89</b>	<b>42.91</b>
	Equiv. Refl.: (3,-10,1), (7,3,1), (7,-10,-1), (-10,3,-1), (-10,7,1)								
<b>Sapph</b>	<b>(4,6,-5)</b>	<b>13.331</b>	<b>83.42</b>	<b>0.176</b>	<b>0.4</b>	<b>1.548</b>	<b>0.68</b>	<b>19.35</b>	<b>19.36</b>
	Equiv. Refl.: (4,-10,5), (6,4,5), (6,-10,-5), (10,-4,5), (10,-6,-5), (-4,10,-5), (-4,-6,5), (-6,10,5), (-6,-4,-5), (-10,4,-5), (-10,6,5)								
<b>Quartz</b>	<b>(0,2,-11)</b>	<b>12.949</b>	<b>74.8</b>	<b>0.168</b>	<b>0.3</b>	<b>3.647</b>	<b>1.03</b>	<b>45.59</b>	<b>45.6</b>
	Equiv. Refl.: (0,-2,11)								
<b>Quartz</b>	<b>(2,0,11)</b>	<b>12.949</b>	<b>74.8</b>	<b>0.167</b>	<b>0.3</b>	<b>3.647</b>	<b>1.02</b>	<b>45.59</b>	<b>45.6</b>
	Equiv. Refl.: (2,-2,-11), (-2,0,-11), (-2,2,11)								
<b>LiNbO3</b>	<b>(1,5,23)</b>	<b>12.873</b>	<b>73.6</b>	<b>0.153</b>	<b>0.5</b>	<b>3.949</b>	<b>2.04</b>	<b>49.36</b>	<b>49.4</b>
	Equiv. Refl.: (1,-6,-23), (5,1,-23), (5,-6,23), (6,-1,-23), (6,-5,23), (-1,6,23), (-1,-5,-23), (-5,6,-23), (-5,-1,23), (-6,1,23), (-6,5,-23)								
<b>Quartz</b>	<b>(0,1,11)</b>	<b>12.701</b>	<b>71.17</b>	<b>0.149</b>	<b>0.2</b>	<b>4.575</b>	<b>1.11</b>	<b>57.19</b>	<b>57.2</b>
	Equiv. Refl.: (0,-1,-11), (1,-1,11), (-1,1,-11)								
<b>Quartz</b>	<b>(1,0,-11)</b>	<b>12.701</b>	<b>71.17</b>	<b>0.148</b>	<b>0.2</b>	<b>4.575</b>	<b>1.11</b>	<b>57.19</b>	<b>57.2</b>
	Equiv. Refl.: (-1,0,11)								
<b>LiNbO3</b>	<b>(3,7,-7)</b>	<b>12.749</b>	<b>71.82</b>	<b>0.135</b>	<b>0.5</b>	<b>4.407</b>	<b>2.04</b>	<b>55.08</b>	<b>55.12</b>
	Equiv. Refl.: (3,-10,7), (7,3,7), (7,-10,-7), (10,-3,7), (10,-7,-7), (-3,10,-7), (-3,-7,7), (-7,10,7), (-7,-3,-7), (-10,3,-7), (-10,7,7)								
<b>Sapph</b>	<b>(1,8,2)</b>	<b>12.889</b>	<b>73.85</b>	<b>0.127</b>	<b>0.3</b>	<b>3.887</b>	<b>0.99</b>	<b>48.59</b>	<b>48.6</b>
	Equiv. Refl.: (1,-9,-2), (8,1,-2), (8,-9,2), (9,-1,-2), (9,-8,2), (-1,9,2), (-1,-8,-2), (-8,9,-2), (-8,-1,2), (-9,1,2), (-9,8,-2)								
<b>Sapph</b>	<b>(3,6,9)</b>	<b>12.69</b>	<b>71.03</b>	<b>0.126</b>	<b>0.2</b>	<b>4.613</b>	<b>1.11</b>	<b>57.66</b>	<b>57.67</b>
	Equiv. Refl.: (3,6,-9), (3,-9,9), (3,-9,-9), (6,3,9), (6,3,-9), (6,-9,9), (6,-9,-9), (9,-3,9), (9,-3,-9), (9,-6,9), (9,-6,-9), (-3,9,9), (-3,9,-9), (-3,-6,9), (-3,-6,-9), (-6,9,9), (-6,9,-9), (-6,-3,9), (-6,-3,-9), (-9,3,9), (-9,3,-9), (-9,6,9), (-9,6,-9)								
<b>Sapph</b>	<b>(3,4,-19)</b>	<b>12.883</b>	<b>73.76</b>	<b>0.104</b>	<b>0.2</b>	<b>3.91</b>	<b>0.88</b>	<b>48.87</b>	<b>48.88</b>
	Equiv. Refl.: (3,-7,19), (4,3,19), (4,-7,-19), (7,-3,19), (7,-4,-19), (-3,7,-19), (-3,-4,19), (-4,7,19), (-4,-3,-19), (-7,3,-19), (-7,4,19)								
<b>LiNbO3</b>	<b>(3,6,15)</b>	<b>12.915</b>	<b>74.25</b>	<b>0.103</b>	<b>0.4</b>	<b>3.785</b>	<b>1.62</b>	<b>47.31</b>	<b>47.34</b>
	Equiv. Refl.: (3,6,-15), (3,-9,15), (3,-9,-15), (6,3,15), (6,3,-15), (6,-9,15), (6,-9,-15), (9,-3,15), (9,-3,-15), (9,-6,15), (9,-6,-15), (-3,9,15), (-3,9,-15), (-3,-6,15), (-3,-6,-15), (-6,9,15), (-6,9,-15), (-6,-3,15), (-6,-3,-15), (-9,3,15), (-9,3,-15), (-9,6,15), (-9,6,-15)								
<b>Sapph</b>	<b>(4,6,1)</b>	<b>13.124</b>	<b>77.96</b>	<b>0.102</b>	<b>0.3</b>	<b>2.862</b>	<b>0.72</b>	<b>35.77</b>	<b>35.78</b>
	Equiv. Refl.: (4,-10,-1), (6,4,-1), (6,-10,1), (10,-4,-1), (10,-6,1), (-4,10,1), (-4,-6,-1), (-6,10,-1), (-6,-4,1), (-10,4,1), (-10,6,-1)								
<b>LiNbO3</b>	<b>(2,6,-19)</b>	<b>13.143</b>	<b>78.35</b>	<b>0.098</b>	<b>0.5</b>	<b>2.767</b>	<b>1.33</b>	<b>34.58</b>	<b>34.61</b>
	Equiv. Refl.: (2,-8,19), (6,2,19), (6,-8,-19), (8,-2,19), (8,-6,-19), (-2,8,-19), (-2,-6,19), (-6,8,19), (-6,-2,-19), (-8,2,-19), (-8,6,19)								
<b>LiNbO3</b>	<b>(2,8,3)</b>	<b>12.814</b>	<b>72.74</b>	<b>0.091</b>	<b>0.4</b>	<b>4.17</b>	<b>1.61</b>	<b>52.13</b>	<b>52.15</b>
	Equiv. Refl.: (2,8,-3), (2,-10,3), (2,-10,-3), (8,2,3), (8,2,-3), (8,-10,3), (8,-10,-3), (10,-2,3), (10,-2,-3), (10,-8,3), (10,-8,-3), (-2,10,3), (-2,10,-3), (-2,-8,3), (-2,-8,-3), (-8,10,3), (-8,10,-3), (-8,-2,3), (-8,-2,-3), (-10,2,3), (-10,2,-3), (-10,8,3), (-10,8,-3)								
<b>LiNbO3</b>	<b>(2,5,21)</b>	<b>12.79</b>	<b>72.39</b>	<b>0.08</b>	<b>0.4</b>	<b>4.259</b>	<b>1.53</b>	<b>53.24</b>	<b>53.26</b>
	Equiv. Refl.: (2,5,-21), (2,-7,21), (2,-7,-21), (5,2,21), (5,2,-21), (5,-7,21), (5,-7,-21), (7,-2,21), (7,-2,-21), (7,-5,21), (7,-5,-21), (-2,7,21), (-2,7,-21), (-2,-5,21), (-2,-5,-21), (-5,7,21), (-5,7,-21), (-5,-2,21), (-5,-2,-21), (-7,2,21), (-7,2,-21), (-7,5,21), (-7,5,-21)								
<b>Sapph</b>	<b>(1,7,12)</b>	<b>12.721</b>	<b>71.43</b>	<b>0.046</b>	<b>0.1</b>	<b>4.508</b>	<b>0.61</b>	<b>56.35</b>	<b>56.35</b>
	Equiv. Refl.: (1,7,-12), (1,-8,12), (1,-8,-12), (7,1,12), (7,1,-12), (7,-8,12), (7,-8,-12), (8,-1,12), (8,-1,-12)								

(8,-7,12), (8,-7,-12), (-1,8,12), (-1,8,-12), (-1,-7,12), (-1,-7,-12), (-7,8,12), (-7,8,-12), (-7,-1,12)  
(-7,-1,-12), (-8,1,12), (-8,1,-12), (-8,7,12), (-8,7,-12)

<b>LiNbO3</b>	<b>(2,3,-25)</b>	<b>12.717</b>	<b>71.38</b>	<b>0.045</b>	<b>0.3</b>	<b>4.521</b>	<b>1.2</b>	<b>56.51</b>	<b>56.52</b>
Equiv. Refl.: (2,-5,25), (3,2,25), (3,-5,-25), (5,-2,25), (5,-3,-25), (-2,5,-25), (-2,-3,25), (-3,5,25), (-3,-2,-25) (-5,2,-25), (-5,3,25)									
<b>LiNbO3</b>	<b>(1,8,-13)</b>	<b>13.226</b>	<b>80.28</b>	<b>0.044</b>	<b>0.4</b>	<b>2.299</b>	<b>0.83</b>	<b>28.73</b>	<b>28.74</b>
Equiv. Refl.: (1,-9,13), (8,1,13), (8,-9,-13), (9,-1,13), (9,-8,-13), (-1,9,-13), (-1,-8,13), (-8,9,13), (-8,-1,-13) (-9,1,-13), (-9,8,13)									
<b>LiNbO3</b>	<b>(3,5,19)</b>	<b>12.92</b>	<b>74.33</b>	<b>0.041</b>	<b>0.3</b>	<b>3.765</b>	<b>1.04</b>	<b>47.07</b>	<b>47.08</b>
Equiv. Refl.: (3,-8,-19), (5,3,-19), (5,-8,19), (8,-3,-19), (8,-5,19), (-3,8,19), (-3,-5,-19), (-5,8,-19), (-5,-3,19) (-8,3,19), (-8,5,-19)									
<b>LiNbO3</b>	<b>(1,8,11)</b>	<b>12.858</b>	<b>73.38</b>	<b>0.031</b>	<b>0.2</b>	<b>4.005</b>	<b>0.94</b>	<b>50.07</b>	<b>50.08</b>
Equiv. Refl.: (1,-9,-11), (8,1,-11), (8,-9,11), (9,-1,-11), (9,-8,11), (-1,9,11), (-1,-8,-11), (-8,9,-11), (-8,-1,11) (-9,1,11), (-9,8,-11)									

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