



**Figure 2.21** Primitive monoclinic lattice. Prominent crystal faces are parallel to rational planes in the lattice that have high density of lattice nodes. (a) planes  $A$ ,  $B$ , and  $C$  are parallel to the faces of the unit cell, have high lattice-node density, and are likely crystal faces. (b) Plane  $T$  has fairly high lattice-node density and is a likely crystal face. (c) Plane  $Q$  has low lattice-node density and is not a likely crystal face. (d) A simple crystal with these faces.

