Pendula, not so simple

In construction

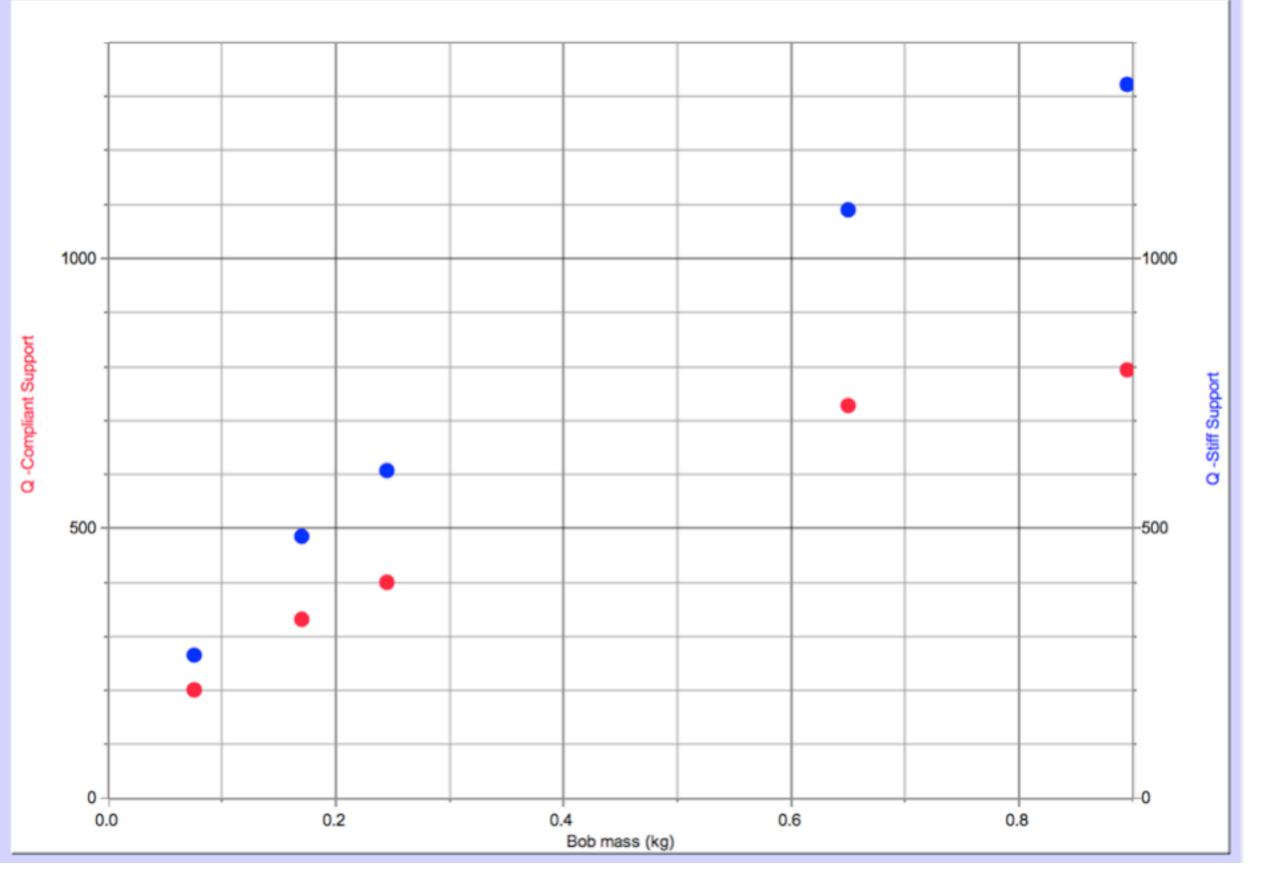
Rigid vs. Soft Support



A typical pendulum, Rotary Motion Sensor suspension and support clamped to massive table.



Rigid Support (left) and Soft Support (right)



Graph Showing Support and Mass Effects on Q

Note that there is some support loss when clamped --probably due to flexure of the RMS's case.