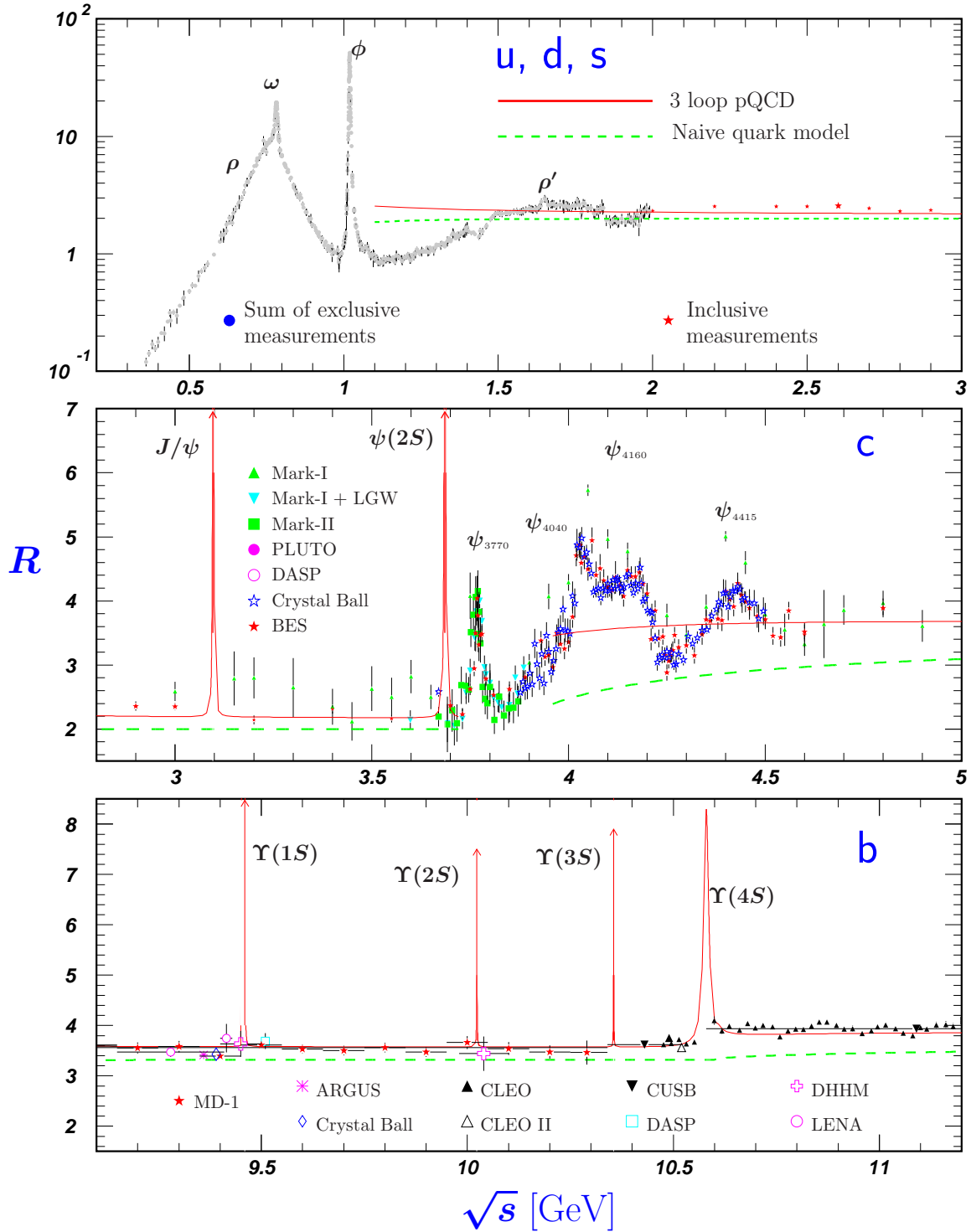


### $R$ in Light-Flavor, Charm, and Beauty Threshold Regions



**Figure 44.7:**  $R$  in the light-flavor, charm, and beauty threshold regions. Data errors are total below 2 GeV and statistical above 2 GeV. The curves are the same as in Fig. 44.6. **Note:** CLEO data above  $\Upsilon(4S)$  were not fully corrected for radiative effects, and we retain them on the plot only for illustrative purposes with a normalization factor of 0.8. The full list of references to the original data and the details of the  $R$  ratio extraction from them can be found in [arXiv:hep-ph/0312114]. The computer-readable data are available at <http://pdg.lbl.gov/current/xsect/>. (Courtesy of the COMPAS (Protvino) and HEPDATA (Durham) Groups, May 2010.)