

$$|U|_{3\sigma}^{\text{IC19 w/o SK-atm}} = \begin{pmatrix} 0.801 \rightarrow 0.842 & 0.519 \rightarrow 0.580 & 0.142 \rightarrow 0.155 \\ 0.248 \rightarrow 0.505 & 0.473 \rightarrow 0.682 & 0.649 \rightarrow 0.764 \\ 0.270 \rightarrow 0.521 & 0.483 \rightarrow 0.690 & 0.628 \rightarrow 0.746 \end{pmatrix}$$

$$|U|_{3\sigma}^{\text{IC24 with SK-atm}} = \begin{pmatrix} 0.801 \rightarrow 0.842 & 0.519 \rightarrow 0.580 & 0.142 \rightarrow 0.155 \\ 0.252 \rightarrow 0.501 & 0.496 \rightarrow 0.680 & 0.652 \rightarrow 0.756 \\ 0.276 \rightarrow 0.518 & 0.485 \rightarrow 0.673 & 0.637 \rightarrow 0.743 \end{pmatrix}$$