

| Dataset              | xFitter<br>epHMDY |
|----------------------|-------------------|
| HMDY rap 116-150     | 9.3 / 12          |
| HMDY rap 150 200     | 17 / 12           |
| HMDY rap 200 300     | 15 / 12           |
| HMDY rap 300 500     | 3.8 / 6           |
| HMDY rap 500 1500    | 4.2 / 6           |
| Correlated $\chi^2$  | 4.98              |
| Log penalty $\chi^2$ | -3.64E-04         |
| Total $\chi^2$ / dof | 55 / 48           |
| $\chi^2$ p-value     | 0.01              |