$$\frac{bn \text{ is the binary name of } \texttt{C}}{\texttt{C.class} : \textbf{@ClassVal}(bn)}$$

$$\frac{s : \texttt{@StringVal}(\nu)}{\texttt{Class.forName}(s) : \textbf{@ClassVal}(\nu)}$$

$$\frac{e : \tau \quad bn \text{ is the binary name of } \tau}{e\texttt{.getClass()} : \textbf{@ClassBound}(bn)}$$

$$\frac{\begin{array}{c}\left(e : \texttt{@ClassBound}(\nu) \vee e : \texttt{@ClassVal}(\nu)\right) \\ s : \texttt{@StringVal}(\mu) \quad p : \texttt{@ArrayLen}(\pi)\end{array}}{e\texttt{.getMethod}(s, p) : \textbf{@MethodVal}(\texttt{cn}=\nu, \texttt{mn}=\mu, \texttt{np}=\pi)}$$

$$\frac{e : \texttt{@ClassVal}(\nu) \quad p : \texttt{@ArrayLen}(\pi)}{e\texttt{.getConstructor}(p) : \textbf{@MethodVal}(\texttt{cn}=\nu, mn = \texttt{"<init>"}, np = \pi)}$$