

# Matrix, 1.1 – 2 GeV

$$A_{gen \rightarrow reco} = \begin{pmatrix} 1.071 & 0.02887 & -0.004 & -0.0183 & -0.013 & -0.061 & -0.005671 & 0.051 \\ 0.0050 & 1.259 & 0.0056 & -0.0346 & -0.00018 & 0.018 & 0.004357 & 0.0025 \\ -0.0036 & 0.0068 & 0.9143 & 0.014 & -0.0145 & 0.0072 & 0.0165 & 0.0005 \\ -0.0022 & -0.04459 & 0.0177 & 1.068 & -0.0012 & 0.0251 & 0.00909 & -0.04745 \\ -0.0015 & -0.0005 & -0.0177 & -0.0017 & 0.8625 & -0.0023 & -0.0152 & -0.00052 \\ -0.02121 & 0.024 & 0.0093 & 0.026 & -0.0032 & 1.089 & 0.02137 & 0.02941 \\ 0.0 & 0.0049 & 0.017 & 0.0074 & -0.0125 & 0.017 & 0.9125 & -0.004141 \\ 0.01408 & 0.0048 & 0.0011 & -0.036 & -0.0001 & 0.02308 & -0.00418 & 1.252 \end{pmatrix}$$

$$\delta A_{gen \rightarrow reco} = \begin{pmatrix} 0.002205 & 0.01055 & 0.006865 & 0.005105 & 0.008786 & 0.008532 & 0.008974 & 0.009591 \\ 0.002409 & 0.006527 & 0.002872 & 0.004468 & 0.002364 & 0.00476 & 0.004741 & 0.00475 \\ 0.00251 & 0.002962 & 0.005522 & 0.004635 & 0.003671 & 0.003016 & 0.005282 & 0.003601 \\ 0.00251 & 0.005359 & 0.005771 & 0.005402 & 0.002848 & 0.004289 & 0.003755 & 0.006318 \\ 0.002588 & 0.002979 & 0.004702 & 0.002737 & 0.004054 & 0.003591 & 0.003999 & 0.00283 \\ 0.003039 & 0.00606 & 0.003822 & 0.004242 & 0.003559 & 0.004099 & 0.00676 & 0.005408 \\ 0.002446 & 0.004826 & 0.005213 & 0.003074 & 0.003114 & 0.005431 & 0.004619 & 0.003198 \\ 0.002265 & 0.004945 & 0.003555 & 0.005029 & 0.002215 & 0.004251 & 0.003104 & 0.006199 \end{pmatrix}$$

