Table 6: Elements of the unfolding matrix obtained from the PYTHIA $Z \rightarrow \mu^+\mu^-$ sample at $\sqrt{s} = 7$ TeV, used to correct the data for the detector resolution. The generated invariant mass is given in the columns and the reconstructed in the rows. Note that no unfolding for FSR is applied in this analysis.

<table>
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<th>72 -81</th>
<th>81 -86</th>
<th>86 -88</th>
<th>88 -89</th>
<th>89 -90</th>
<th>90 -91</th>
<th>91 -92</th>
<th>92 -93</th>
<th>93 -94</th>
<th>94 -98</th>
<th>98 -120</th>
<th>120 -160</th>
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