

Figure 1: Total cross section of the reaction $\pi^- p \rightarrow \eta n$. Data: the filled squares indicate experiments accepted by the GWU/SAID group [1]; open circles from Ref. [2].

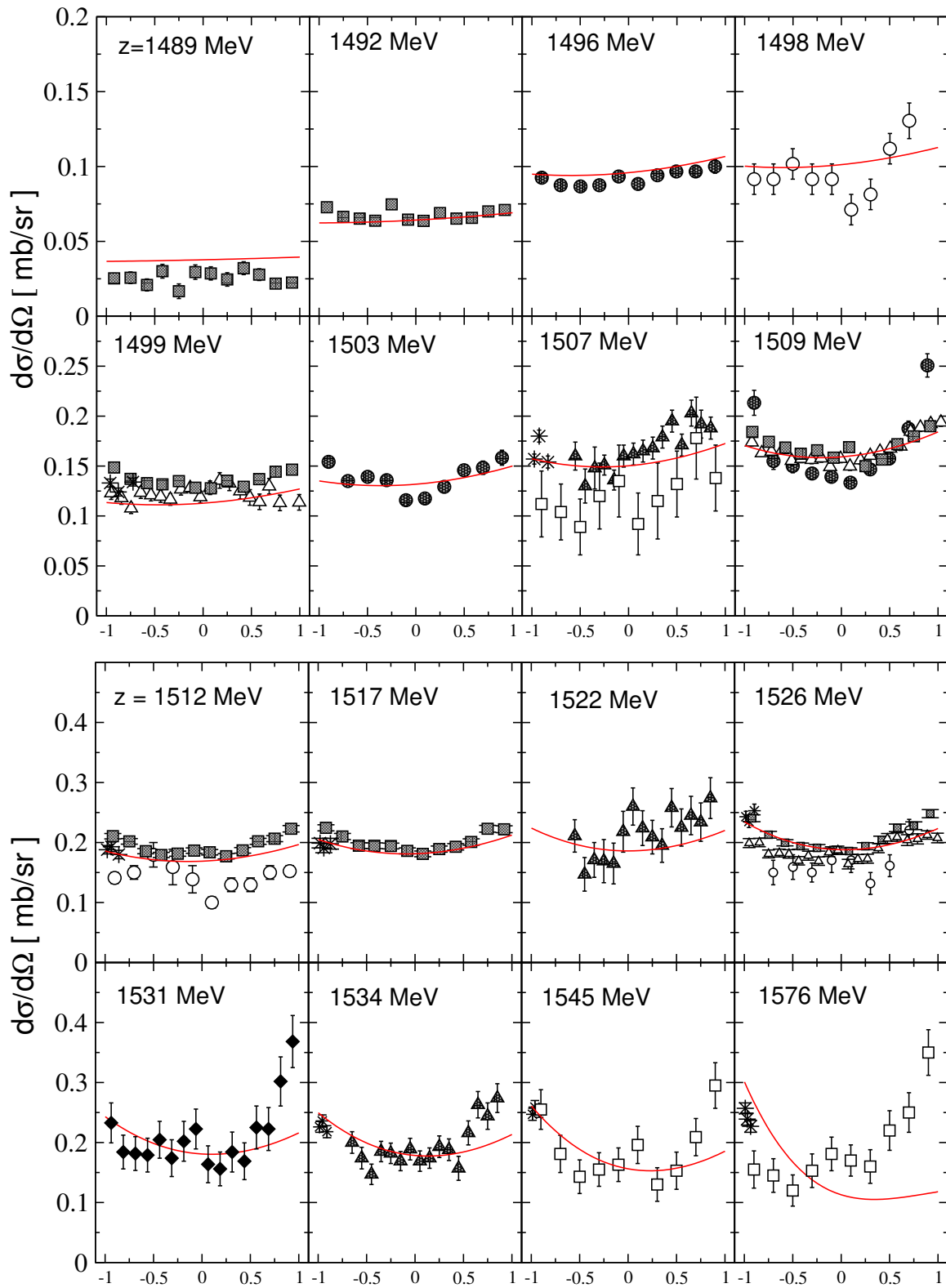


Figure 2: Differential cross section [1/3] of the reaction $\pi^- p \rightarrow \eta n$. Data: filled squares from Ref. [2]; filled circles from Ref. [3]; empty circles from Ref. [4]; empty triangles up from Ref. [5]; stars from Ref. [6]; filled triangles up from Ref. [7]; empty squares from Ref. [8]; filled diamonds from Ref. [9].

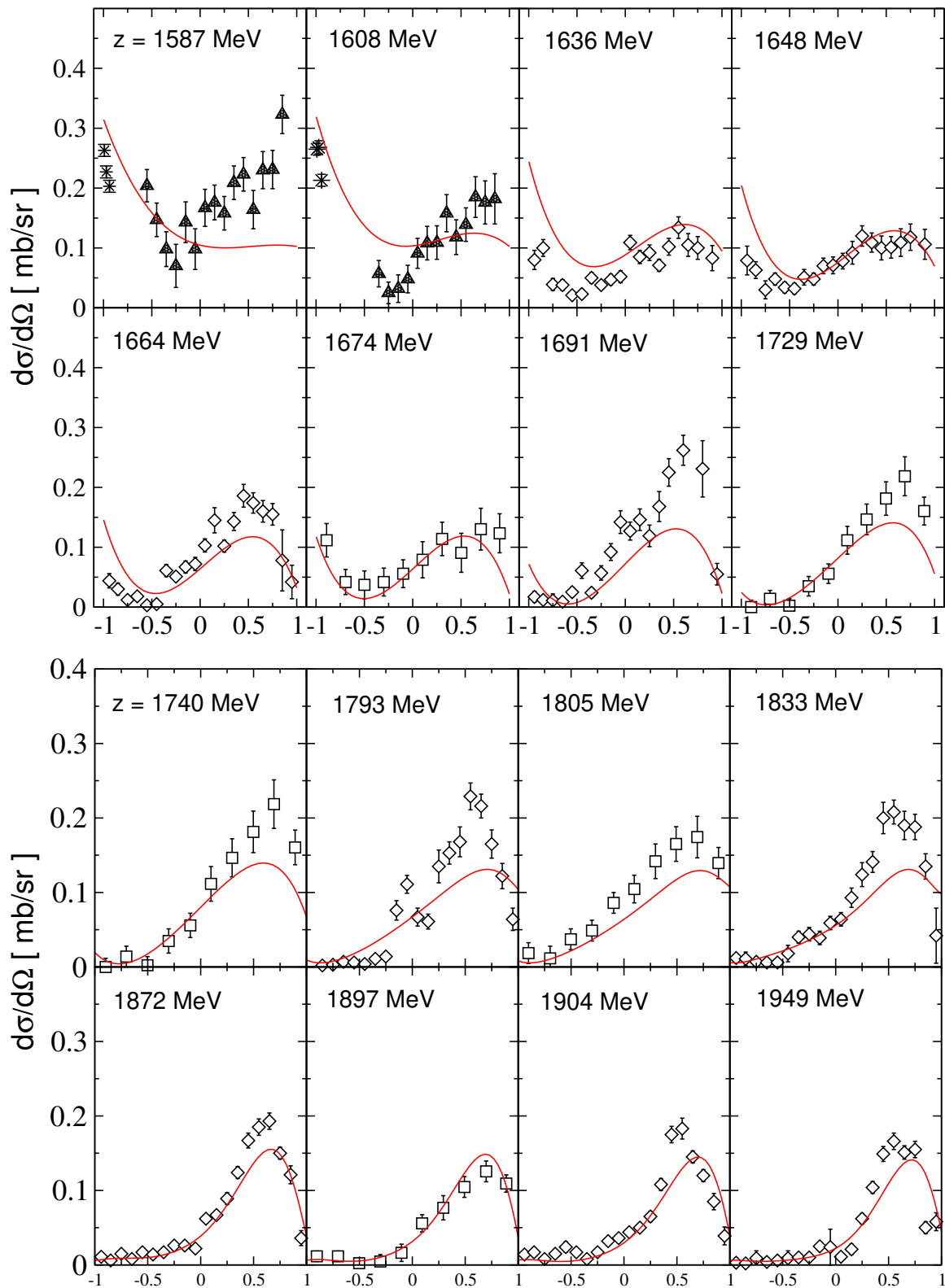


Figure 3: Differential cross section [2/3] of the reaction $\pi^- p \rightarrow \eta n$. Data: c.f. Fig. 2 and empty diamonds from Ref. [10].

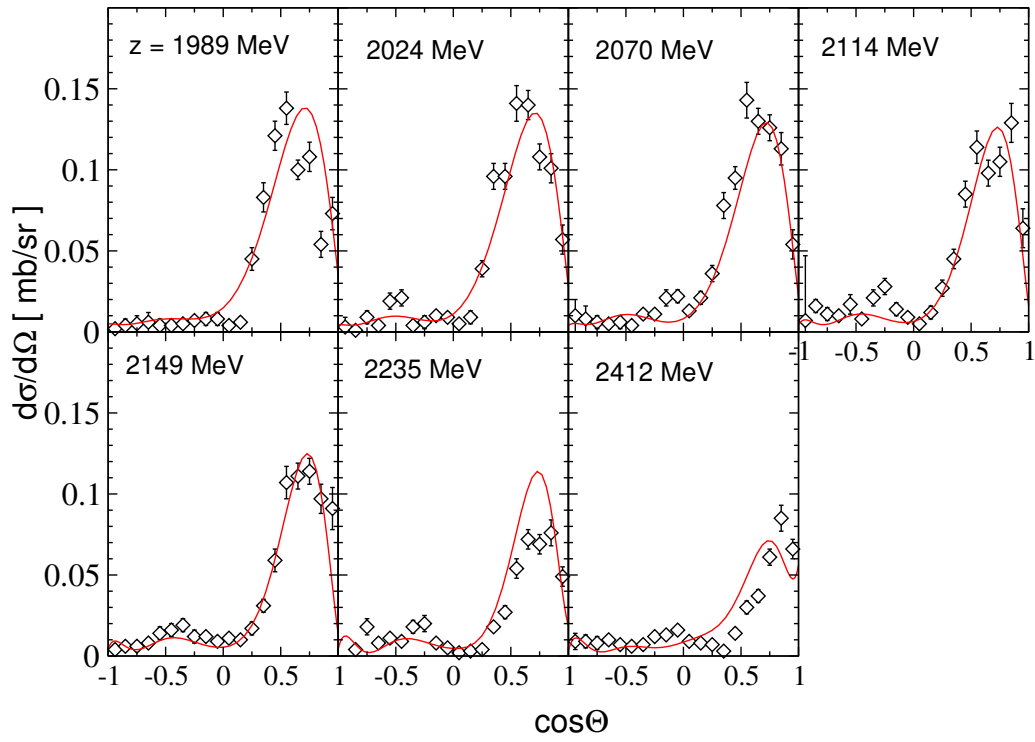


Figure 4: Differential cross section [3/3] of the reaction $\pi^- p \rightarrow \eta n$. Data: c.f. Fig. 3.

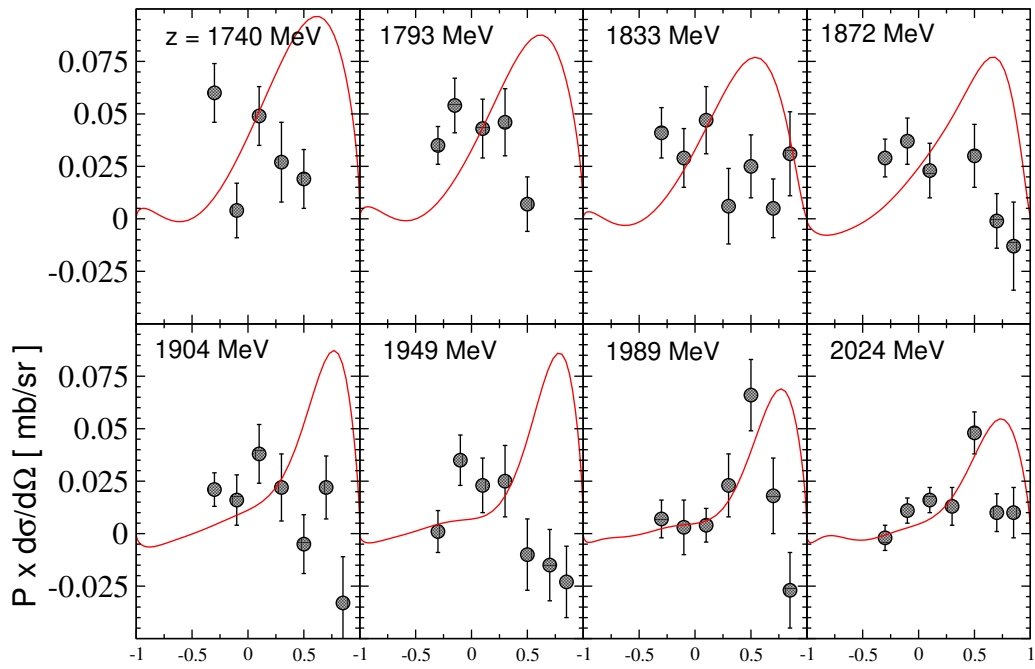


Figure 5: Polarization [1/2] of the reaction $\pi^- p \rightarrow \eta n$. Data: Ref. [11].

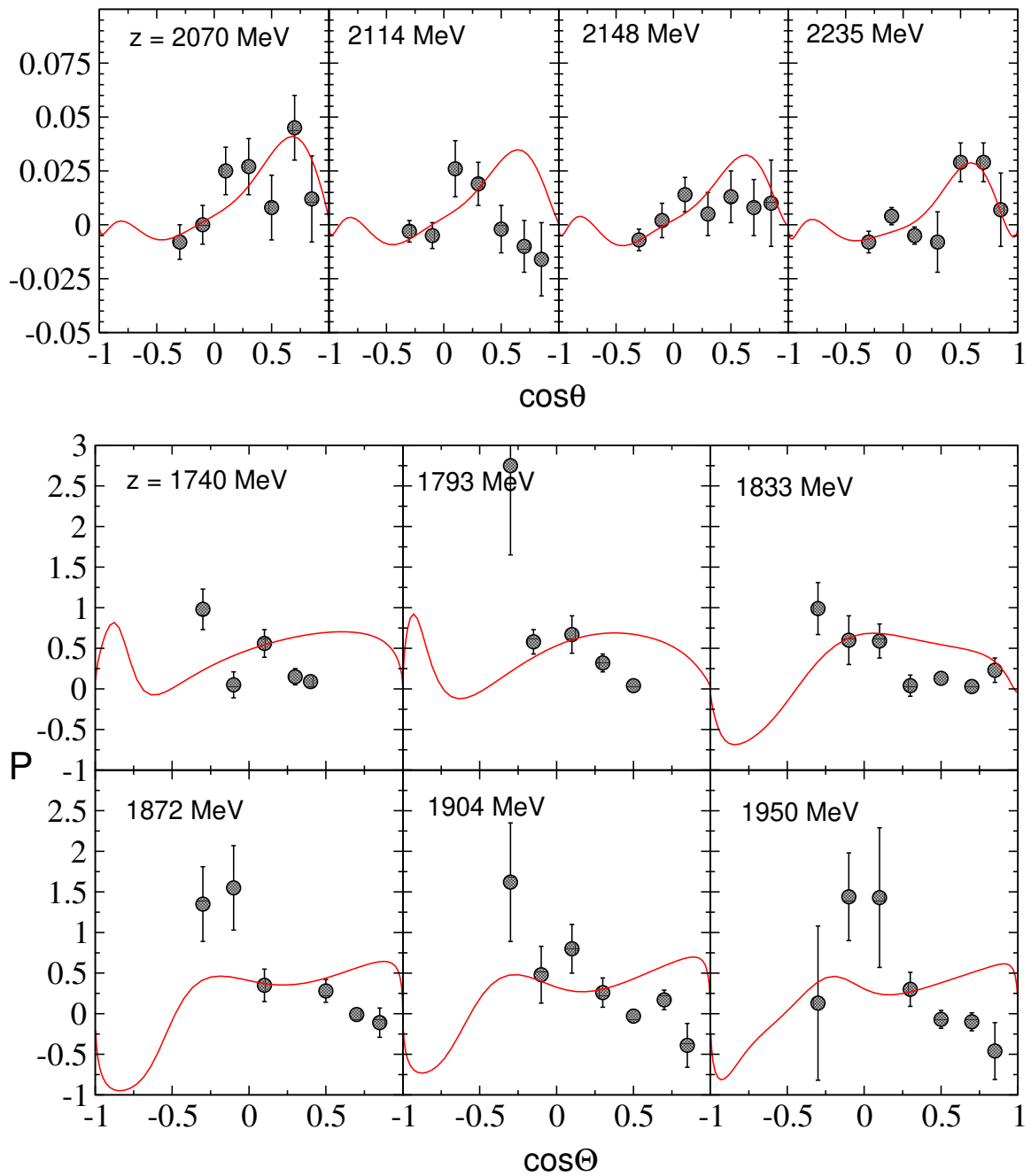


Figure 6: Polarization [2/2] of the reaction $\pi^- p \rightarrow \eta n$. Data: Ref. [11].

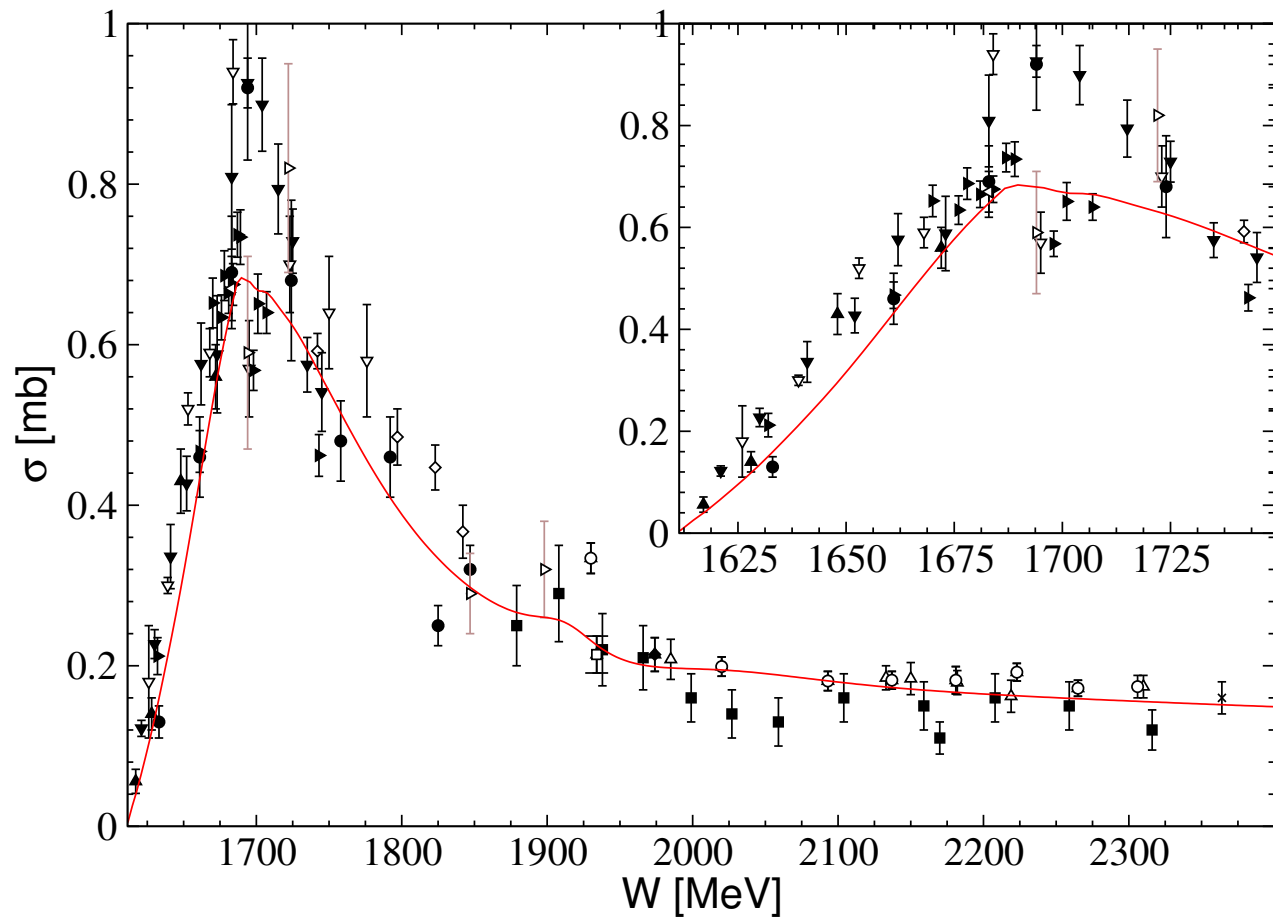


Figure 7: Total cross section of the reaction $\pi^- p \rightarrow K^0 \Lambda$. Data: filled circles from Ref. [12]; filled squares from Ref. [13]; empty diamonds from Ref. [14]; empty triangles up from Ref. [15]; filled triangles up from Ref. [16]; filled triangles down from Ref. [21]; empty triangles down from Ref. [22]; filled triangles right from Ref. [17]; empty triangles left from Ref. [23]; empty triangles right from Ref. [24]; empty squares from Ref. [18]; filled diamonds from Ref. [19]; stars from Ref. [25]; for empty circles and crosses see Ref. [26].

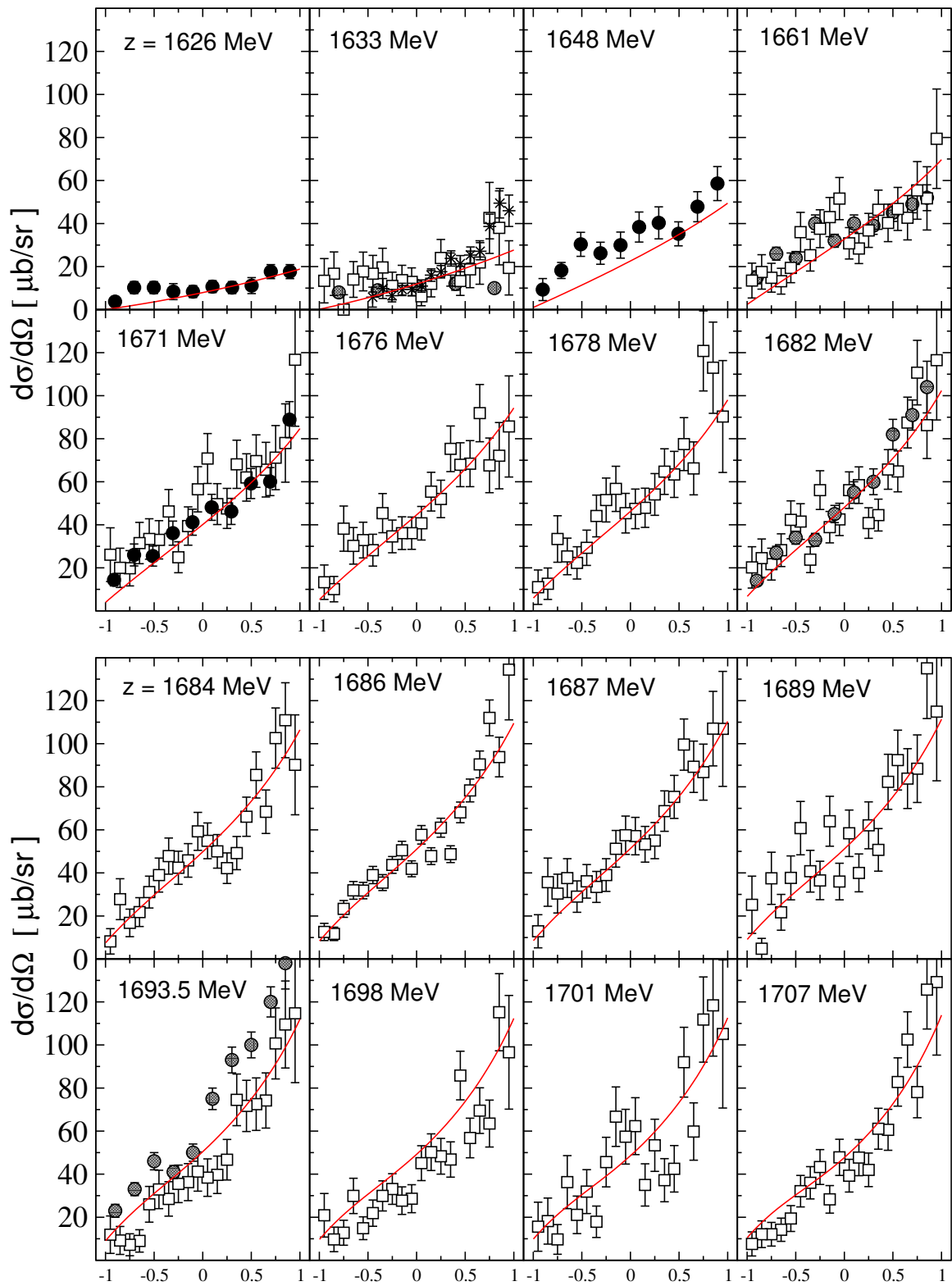


Figure 8: Differential cross section [1/3] of the reaction $\pi^- p \rightarrow K^0 \Lambda$. Data: filled circles from Ref. [16]; empty squares from Ref. [17]; partially filled circles from Ref. [12]; stars from Ref. [18]; triangles from Ref. [14]; empty diamonds from Ref. [13]; partially filled squares from Ref. [15]; filled diamonds from Ref. [19].

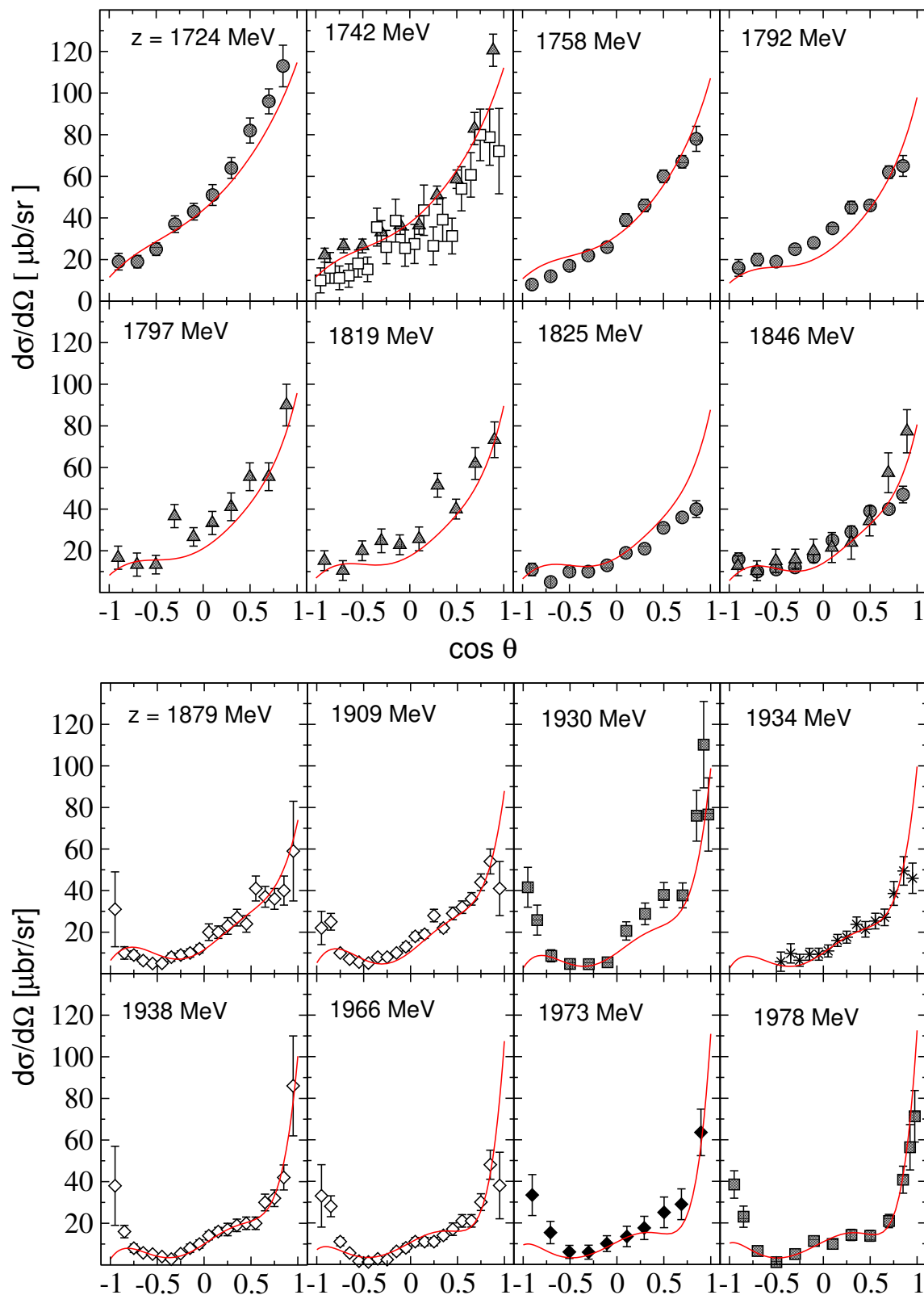


Figure 9: Differential cross section [2/3] of the reaction $\pi^- p \rightarrow K^0 \Lambda$. Data: c.f. Fig. 8.

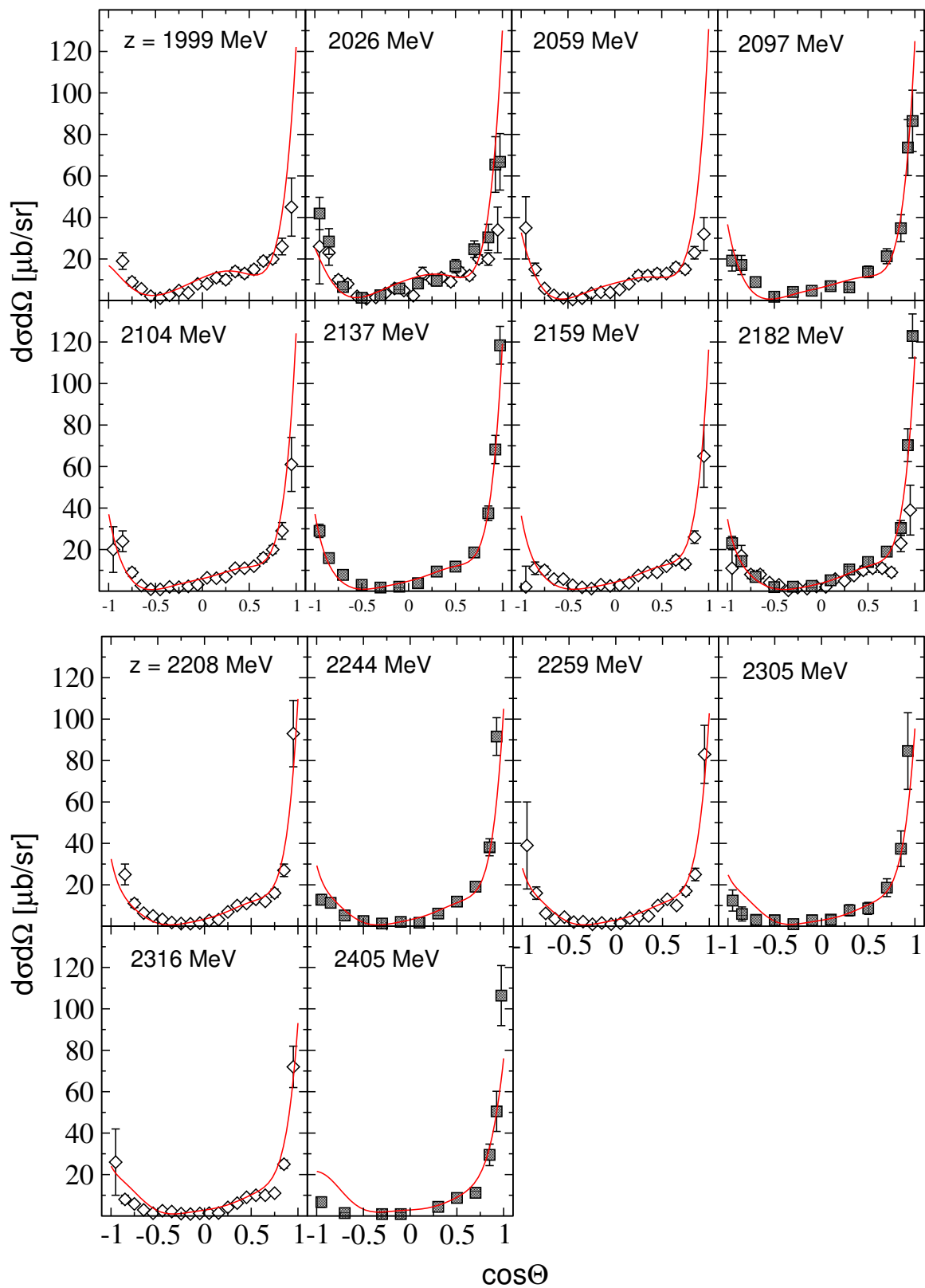


Figure 10: Differential cross section [3/3] of the reaction $\pi^- p \rightarrow K^0 \Lambda$. Data: c.f. Fig. 8.

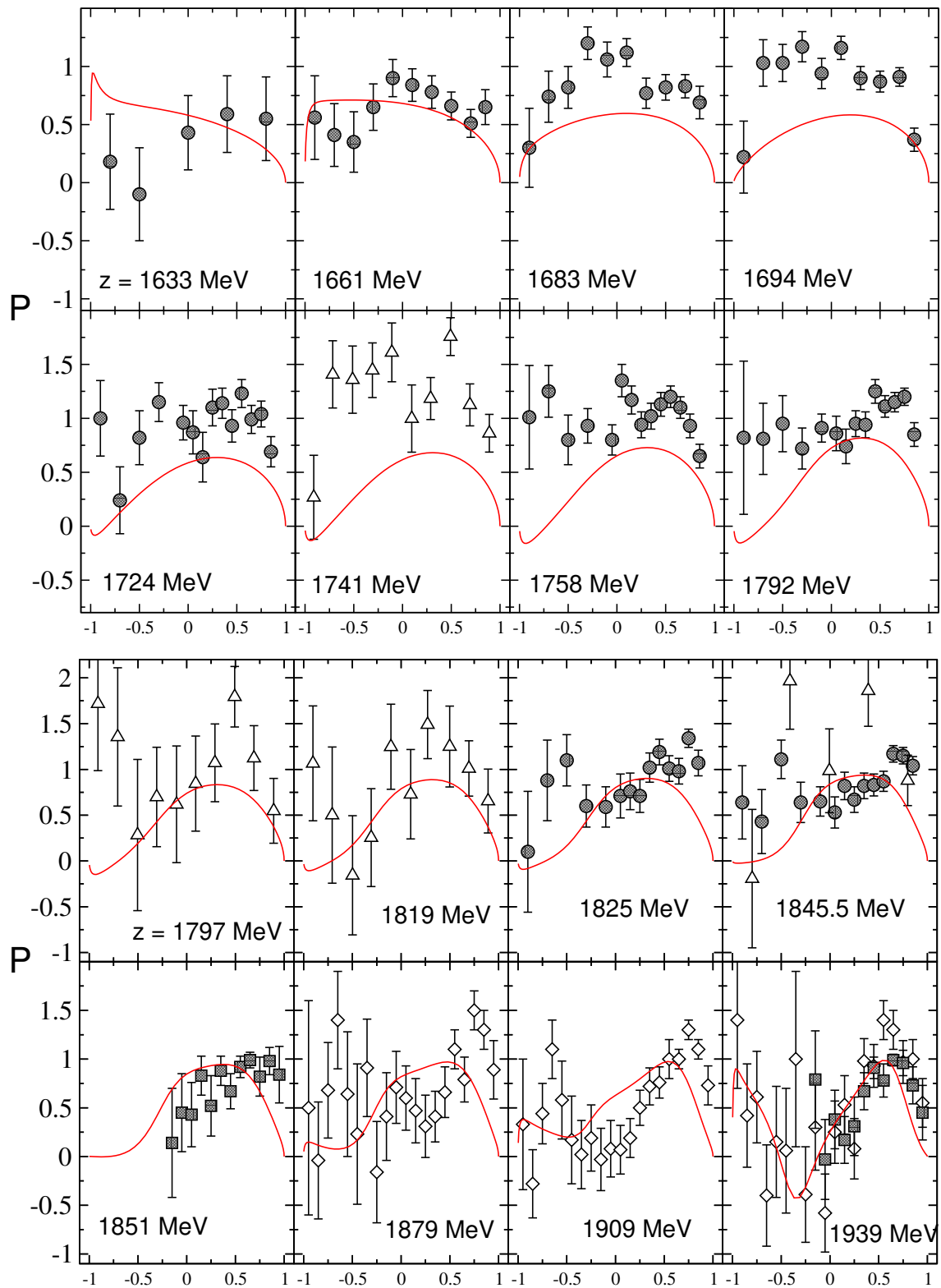


Figure 11: Polarization [1/2] of the reaction $\pi^- p \rightarrow K^0 \Lambda$. Data: filled circles from Ref. [12]; empty triangles up from Ref. [14]; filled squares from Ref. [20]; empty diamonds from Ref. [13].

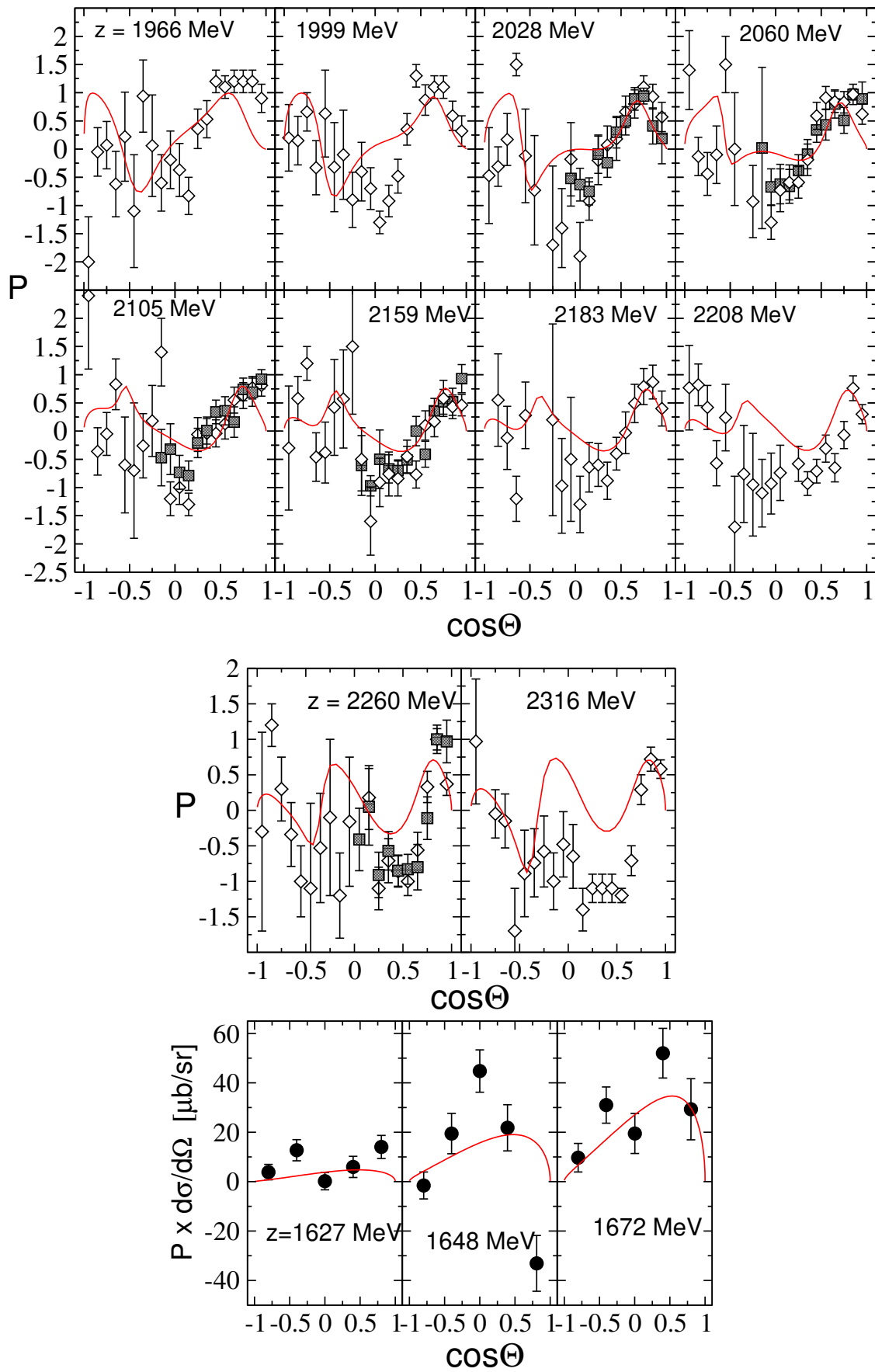


Figure 12: Polarization [2/2] of the reaction $\pi^- p \rightarrow K^0 \Lambda$. Data: c.f Fig. 11.

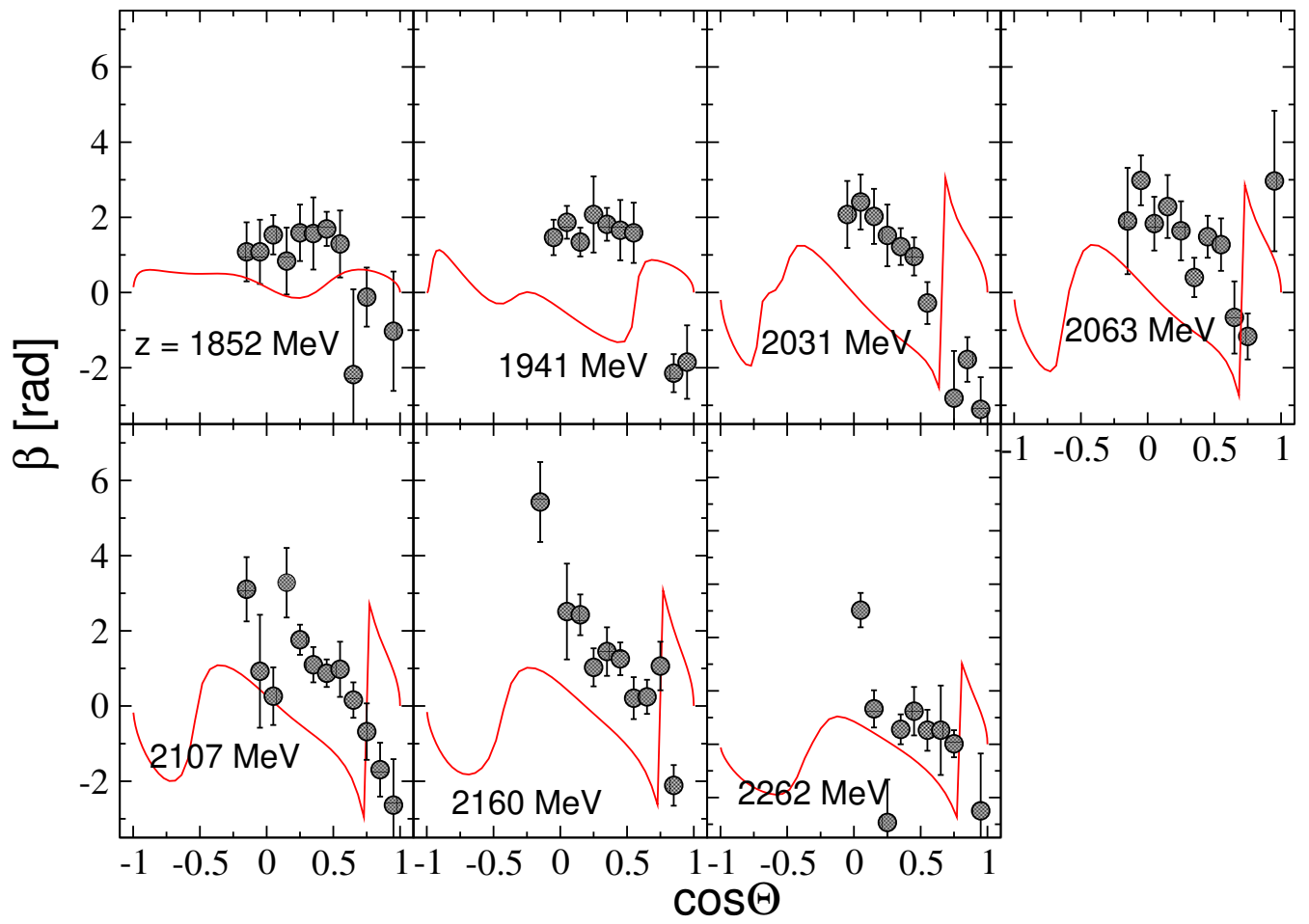


Figure 13: Spin-rotation parameter β of the reaction $\pi^- p \rightarrow K^0 \Lambda$. Data: Ref. [20].

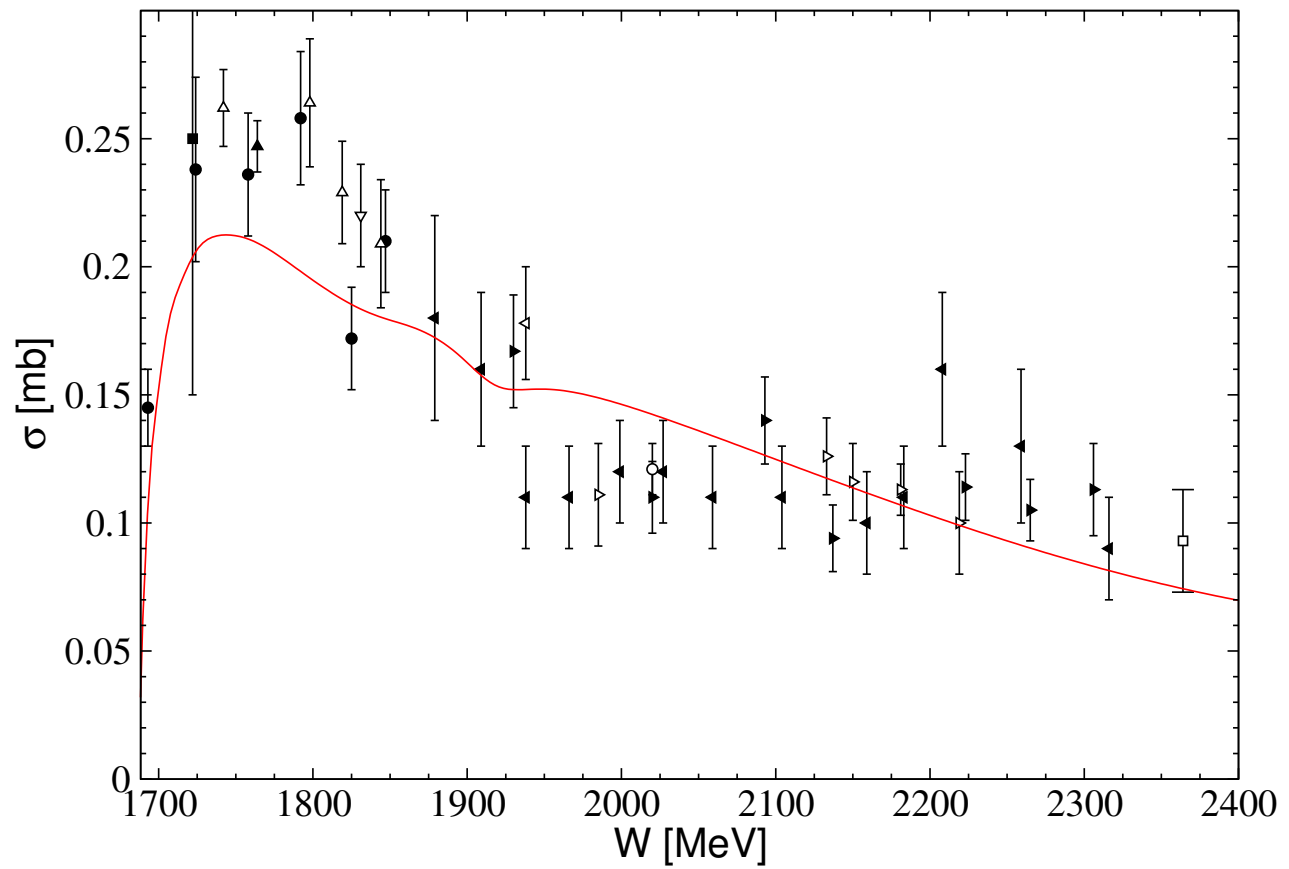


Figure 14: Total cross section of the reaction $\pi^- p \rightarrow K^0 \Sigma^0$. Data: empty triangles up: Ref. [14]; empty triangles right: Ref. [15]; filled squares: Ref. [24]; empty triangles left: Ref. [19]; filled triangles up: Ref. [29] filled circles: Ref. [27]; empty circles: Ref. [30]; filled triangles left: Ref. [28]. For empty triangles down, filled triangles right, and empty squares see [26].

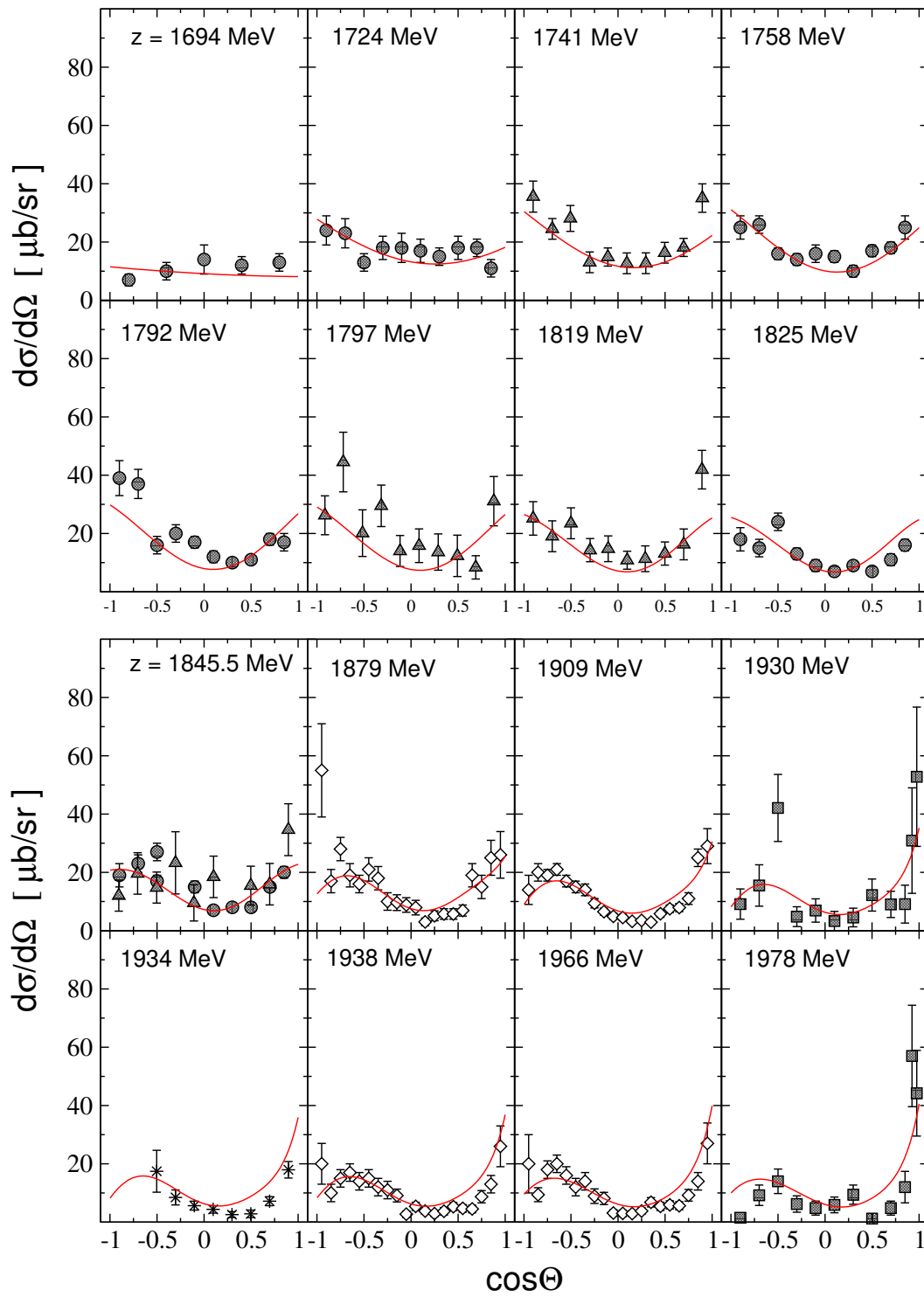


Figure 15: Differential cross section [1/2] of the reaction $\pi^- p \rightarrow K^0 \Sigma^0$. Data: circles from Ref. [27]; up triangles from Ref. [14]; squares from Ref. [15]; diamonds from Ref. [28]; stars from Ref. [18].

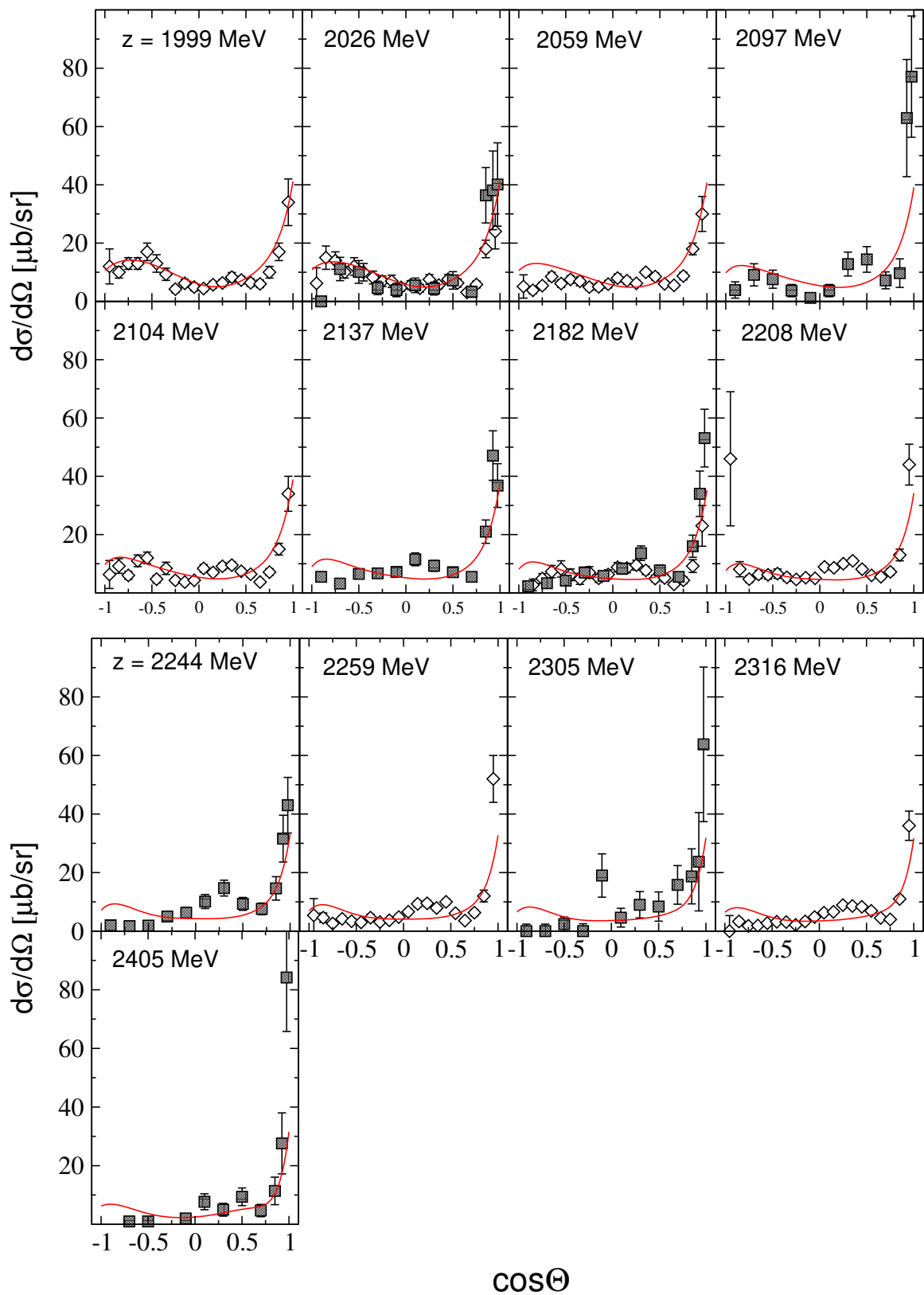


Figure 16: Differential cross section [2/2] of the reaction $\pi^- p \rightarrow K^0 \Sigma^0$. Data: c.f. Fig. 15.

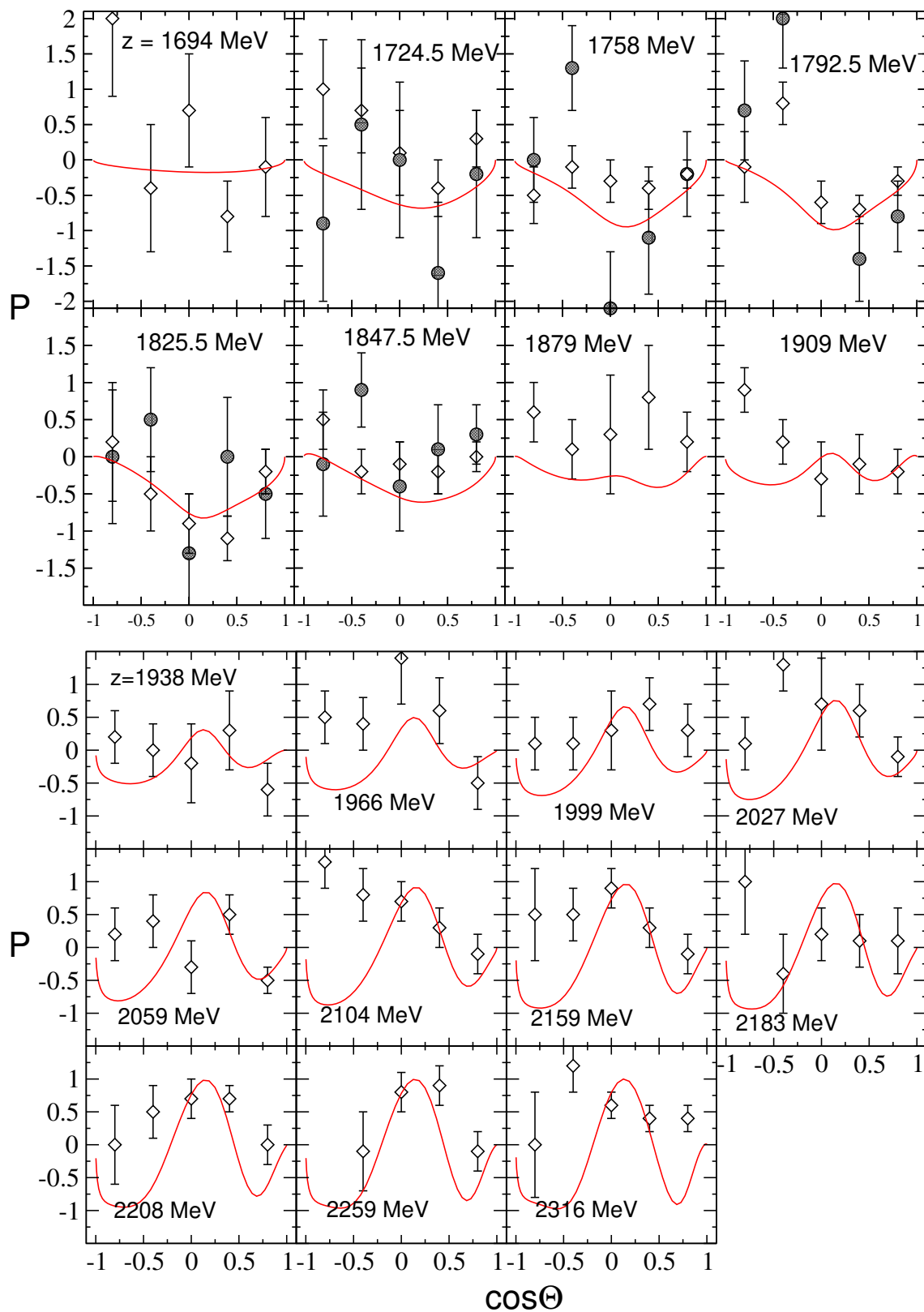


Figure 17: Polarization of the reaction $\pi^- p \rightarrow K^0 \Sigma^0$. Data: circles from Ref. [27]; diamonds from Ref. [28].

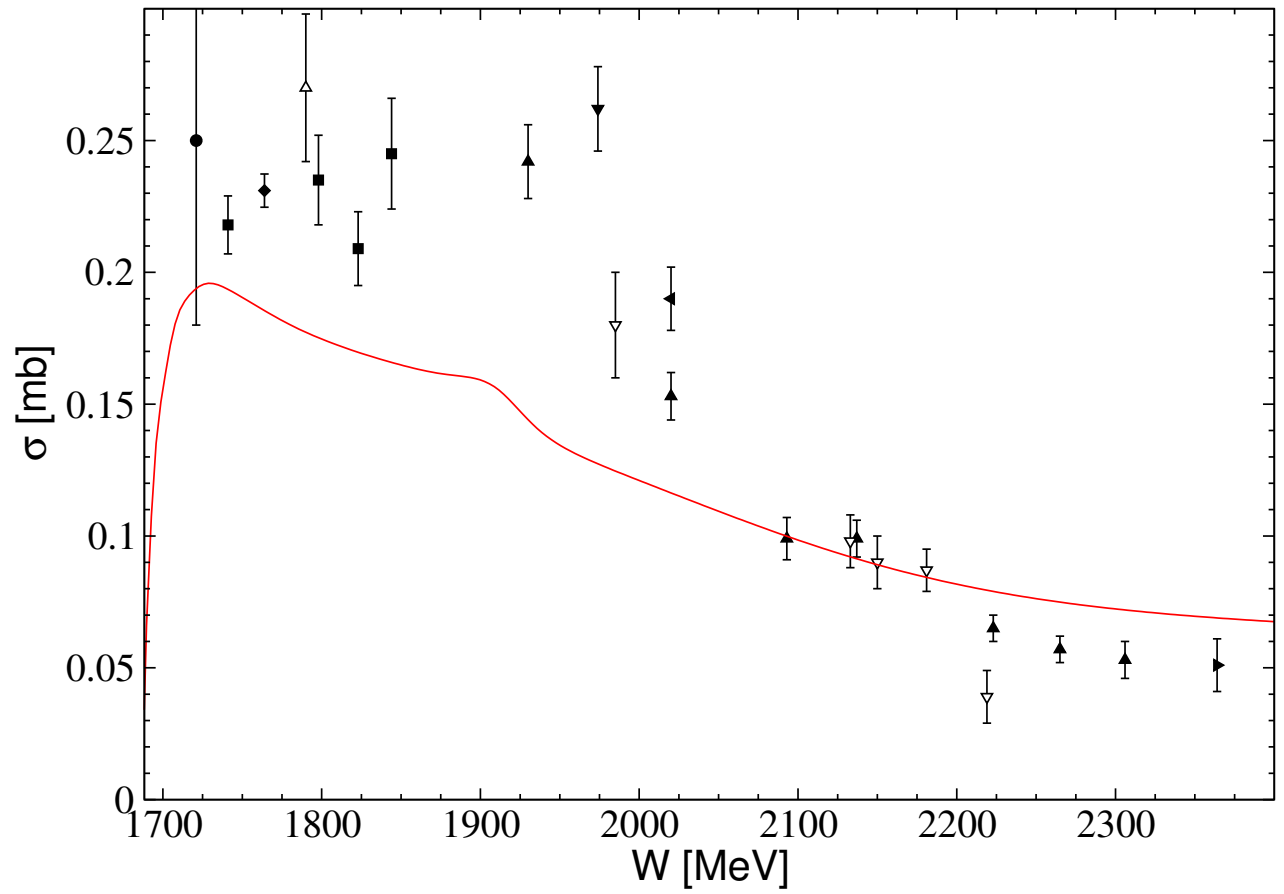


Figure 18: Total cross section of the reaction $\pi^- p \rightarrow K^+ \Sigma^-$. Data: empty triangles down: Ref. [15]; filled circles: Ref. [24]; filled triangles down: Ref. [19]; filled triangles left: Ref. [30]; empty triangles up: Ref. [34]; filled squares: Ref. [32]; filled diamonds: Ref. [33]. For filled triangles up and filled triangles right see Ref. [26].

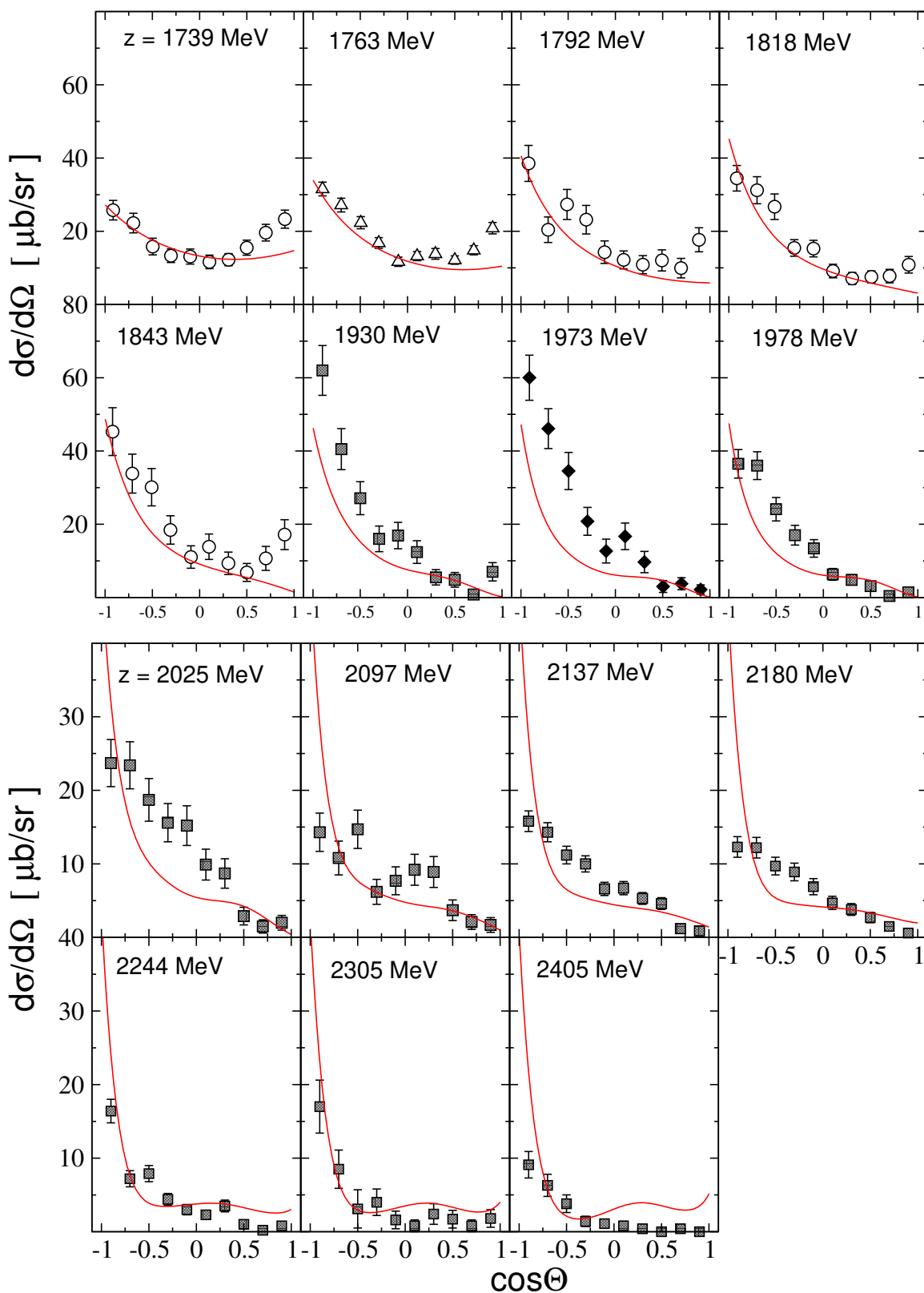


Figure 19: Differential cross section of the reaction $\pi^- p \rightarrow K^+ \Sigma^-$. Data: circles from Ref. [32]; up triangles from Ref. [33]; squares from Ref. [15]; diamonds from Ref. [19].

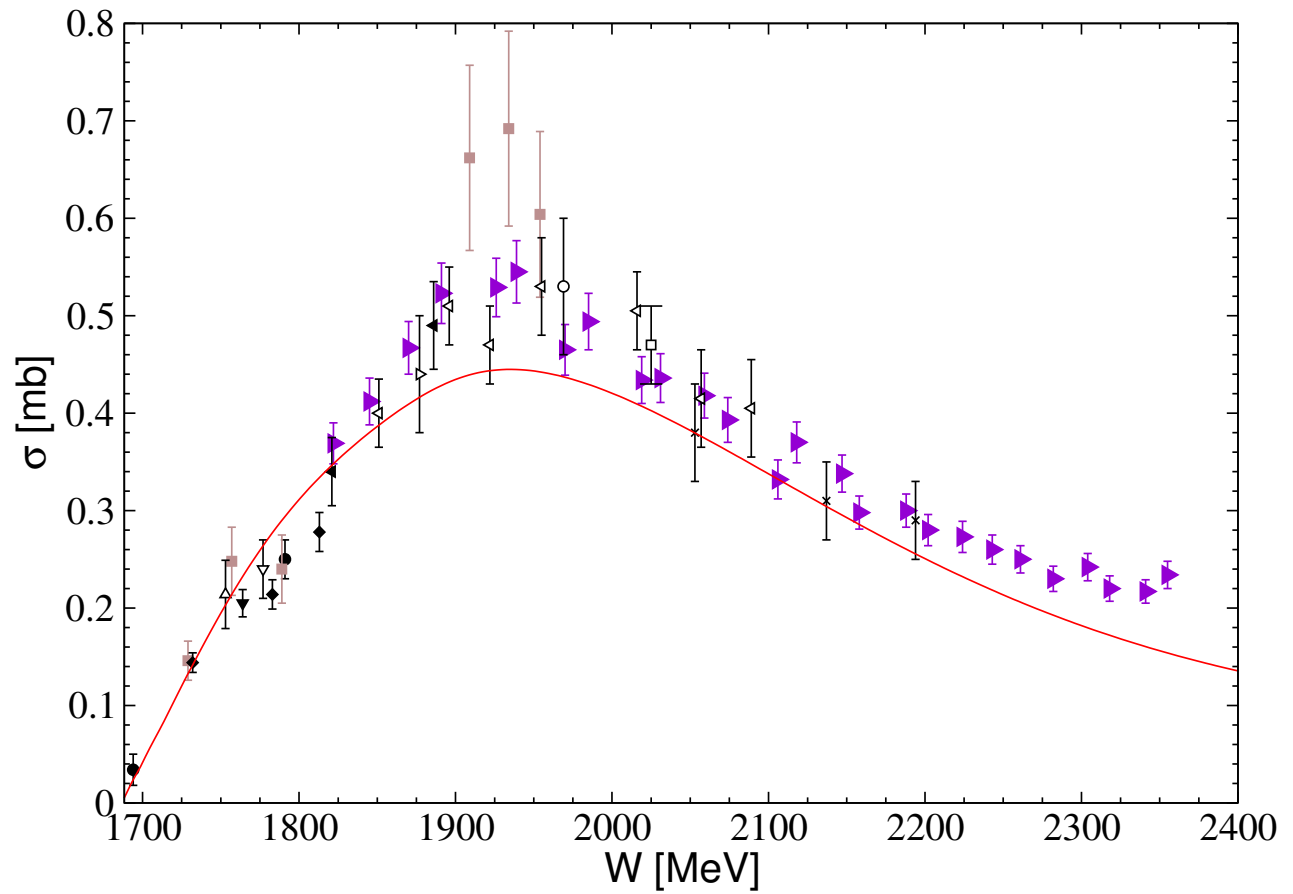


Figure 20: Total cross section of the reaction $\pi^+p \rightarrow K^+\Sigma^+$. Data: filled triangles right: Ref. [35]; filled squares: Ref. [40]; filled diamonds: Ref. [41]; empty triangles up: Ref. [47]; filled triangles down: Ref. [43]; empty triangles down: Ref. [48]; empty triangles left: Ref. [49]; empty circles: Ref. [50]; empty squares: Ref. [51]; crosses: Ref. [52]. For filled circles, filled triangles left and empty triangles right see Ref. [26].

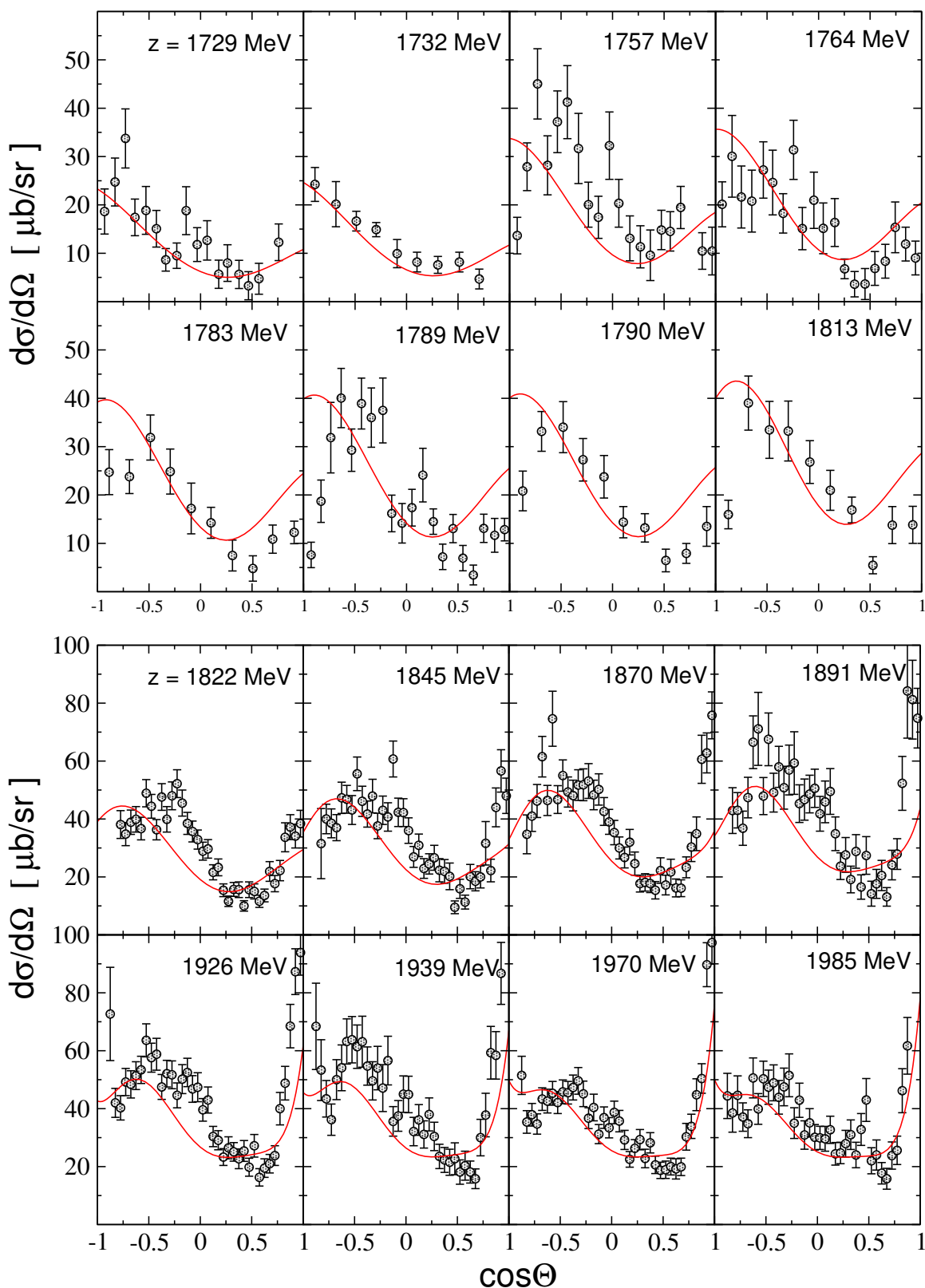


Figure 21: Differential cross section [1/2] of the reaction $\pi^+p \rightarrow K^+\Sigma^+$. Data: Ref. [35], except: $z = 1729, 1757, 1789$ MeV from Ref. [40]; $z = 1732, 1783, 1813$ MeV from Ref. [41]; $z = 1764$ MeV from Ref. [43]; $z = 1790$ MeV from Ref. [42].

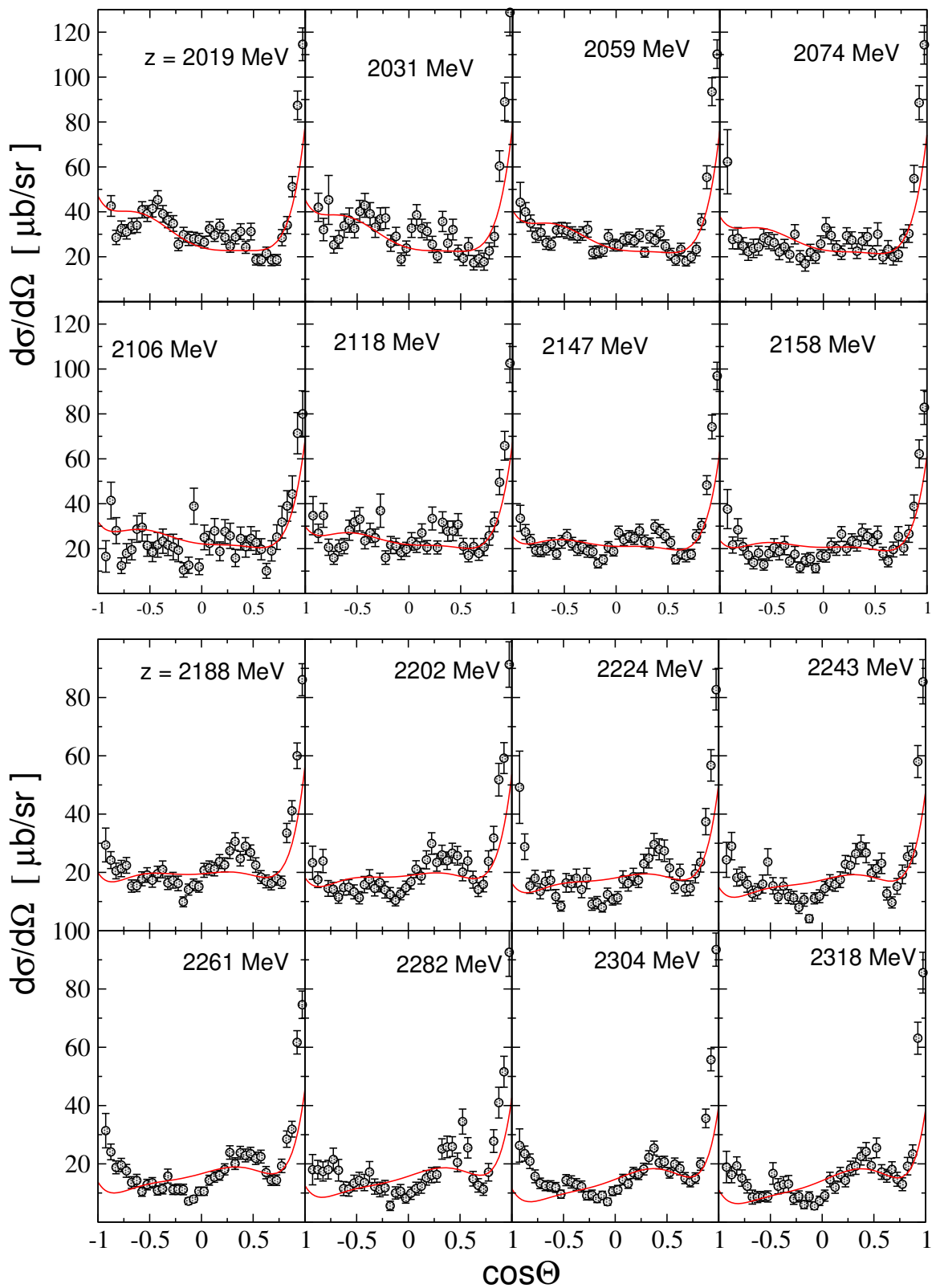


Figure 22: Differential cross section [2/2] of the reaction $\pi^+p \rightarrow K^+\Sigma^+$. Data from Ref. [35].

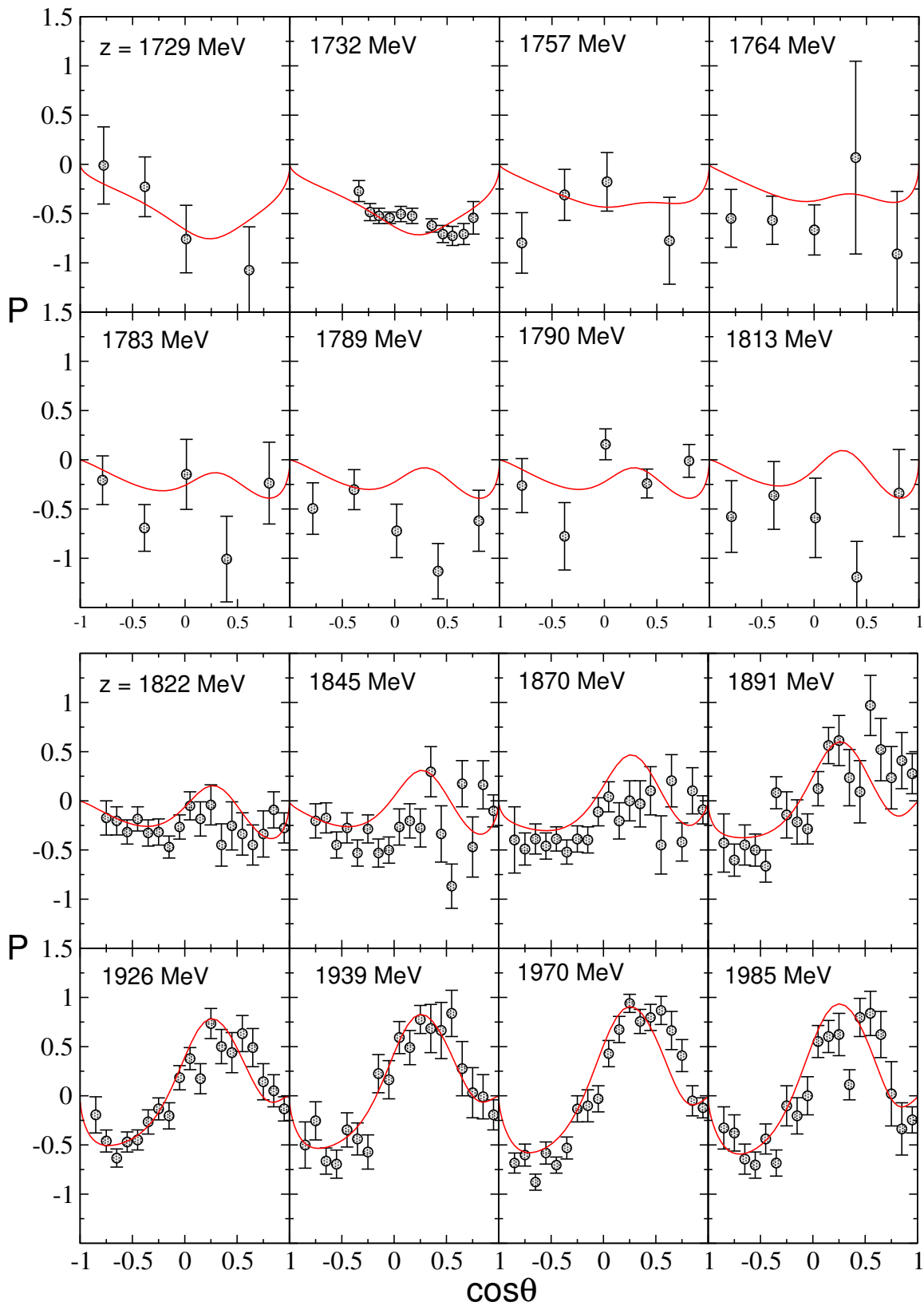


Figure 23: Polarization $[1/2]$ of the reaction $\pi^+p \rightarrow K^+\Sigma^+$. Data: Ref. [35], except: $z = 1729, 1757, 1789$ MeV from Ref. [40]; $z = 1783, 1813$ MeV from Ref. [41]; $z = 1764$ MeV from Ref. [43]; $z = 1790$ MeV from Ref. [42]; $z = 1732$ MeV from Ref. [44].

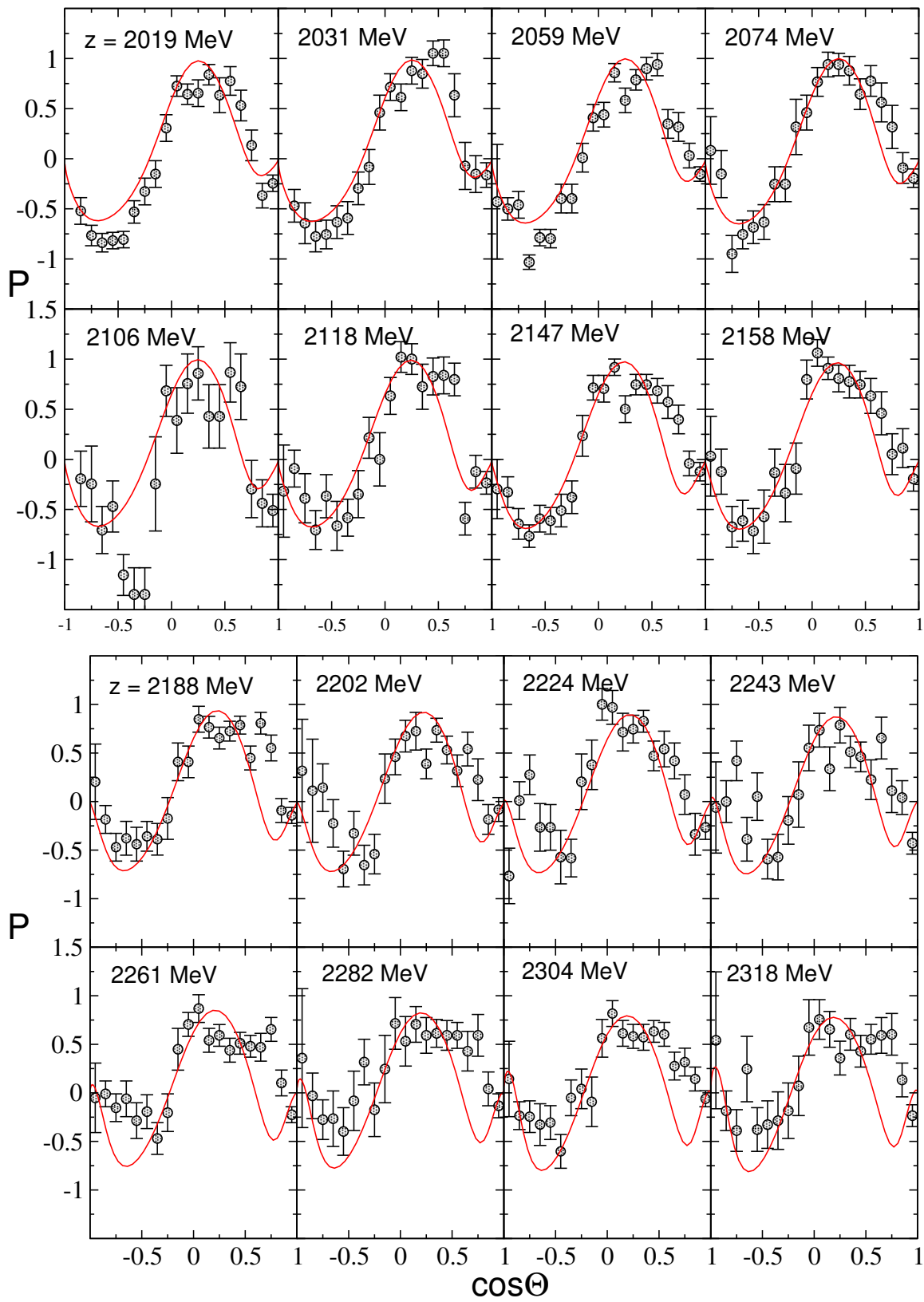


Figure 24: Polarization $[2/2]$ of the reaction $\pi^+p \rightarrow K^+\Sigma^+$. Data: Ref. [35].

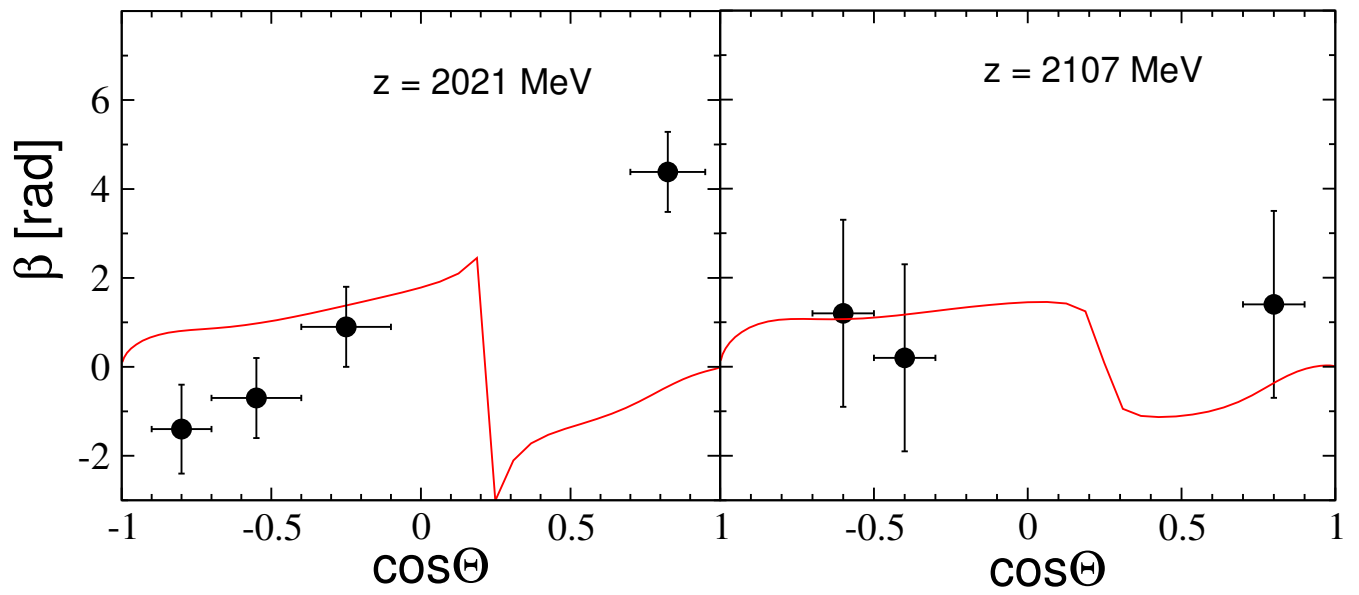


Figure 25: Spin-rotation parameter β of the reaction $\pi^+p \rightarrow K^+\Sigma^+$. Data: Ref. [37].

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