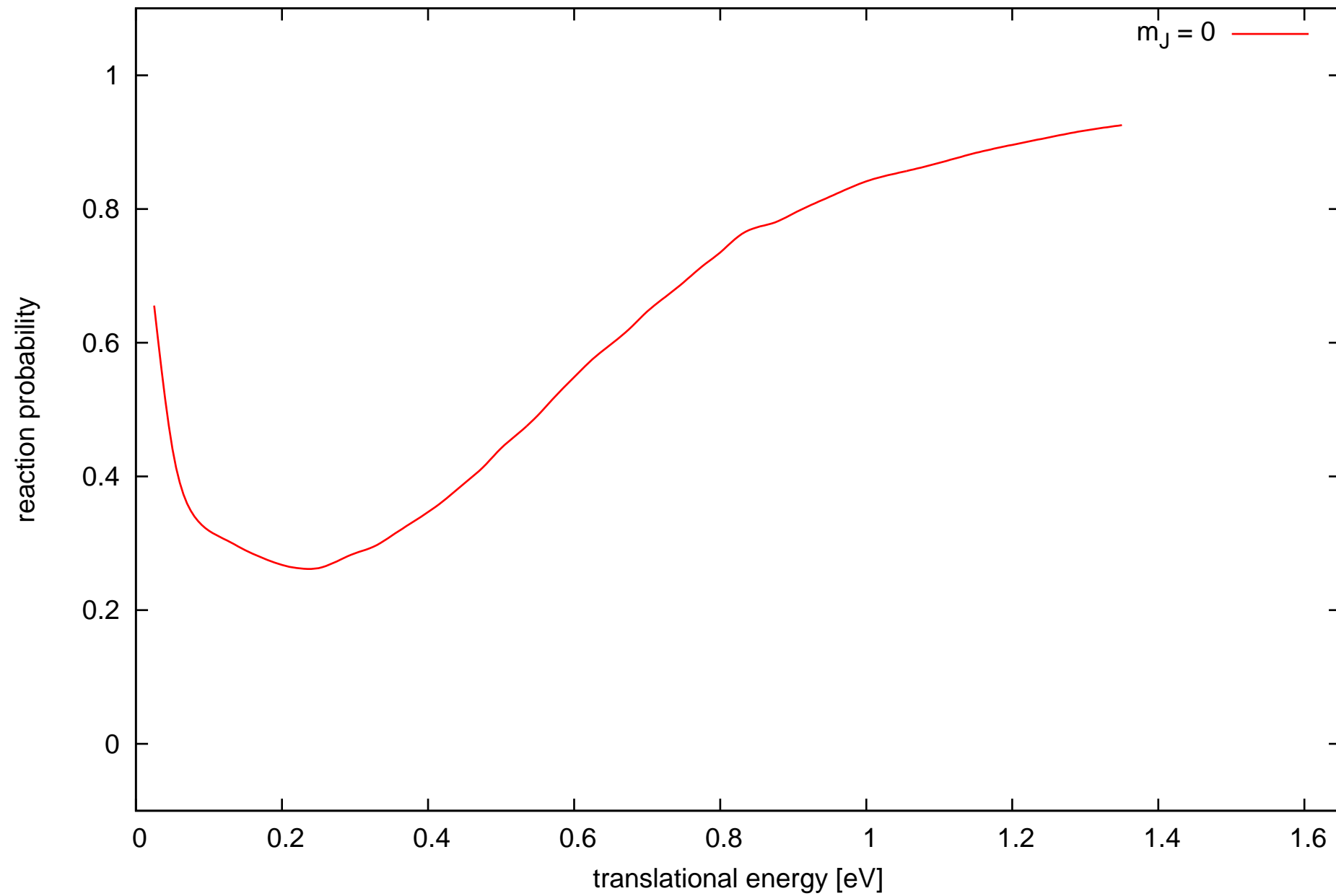
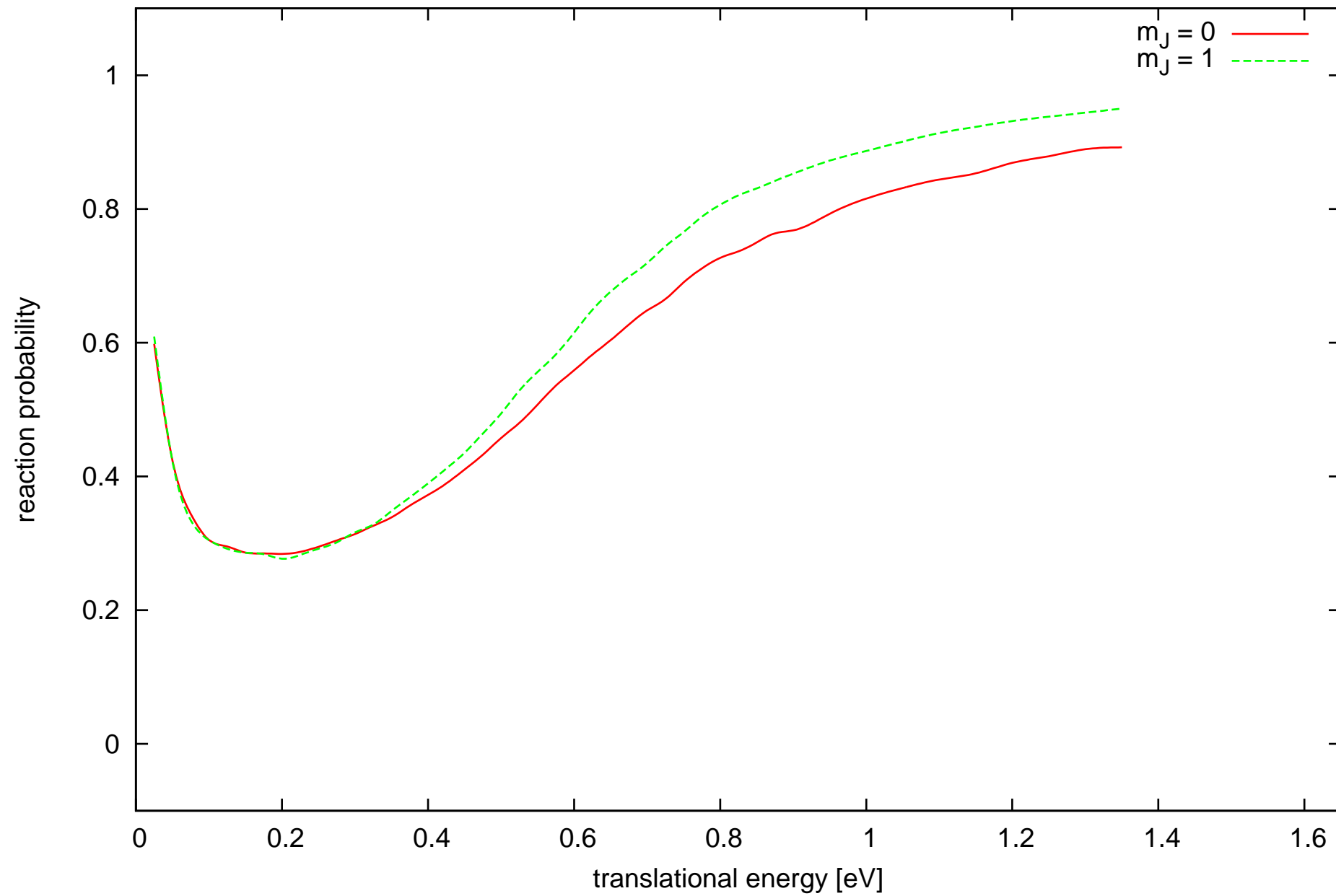


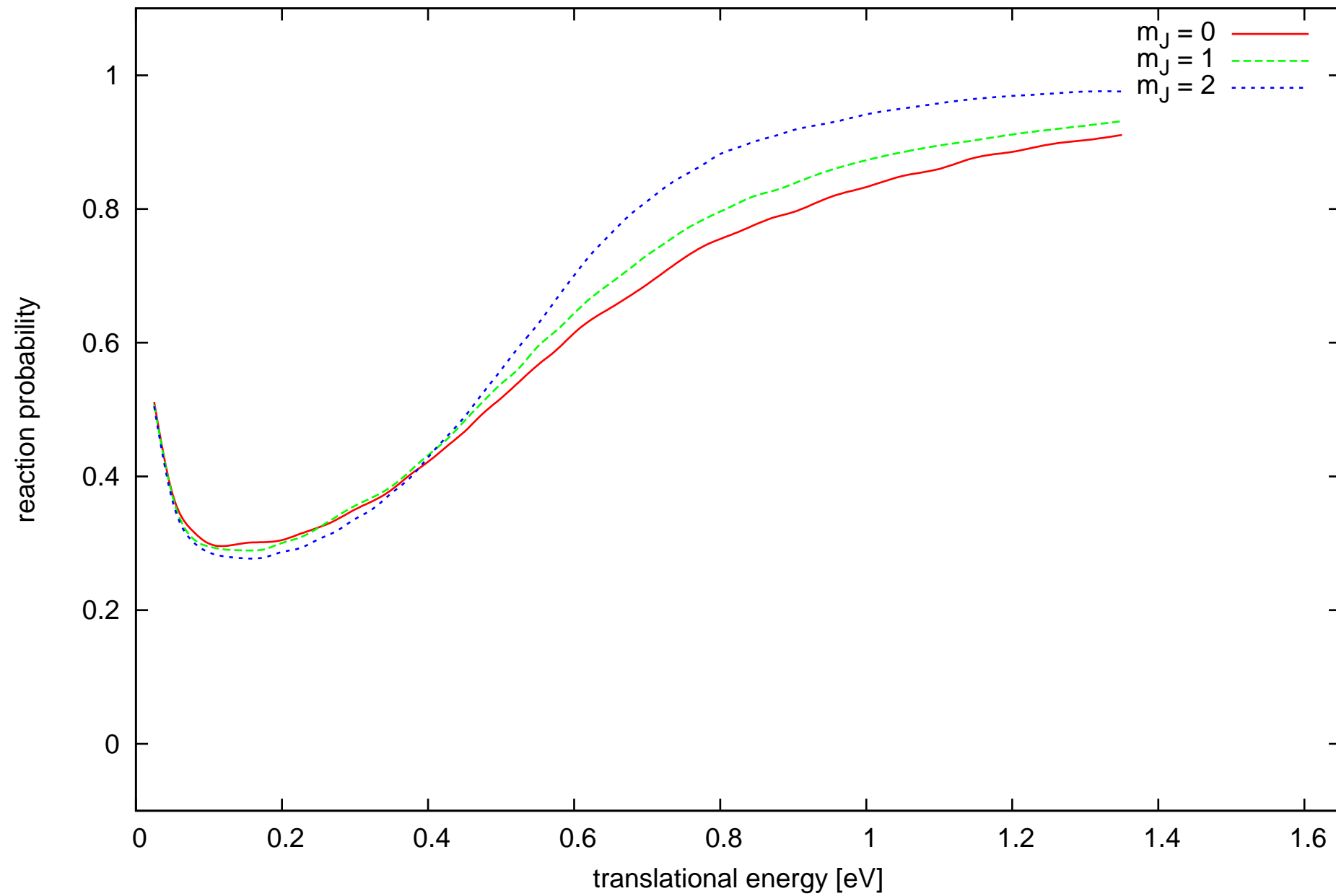
QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 0



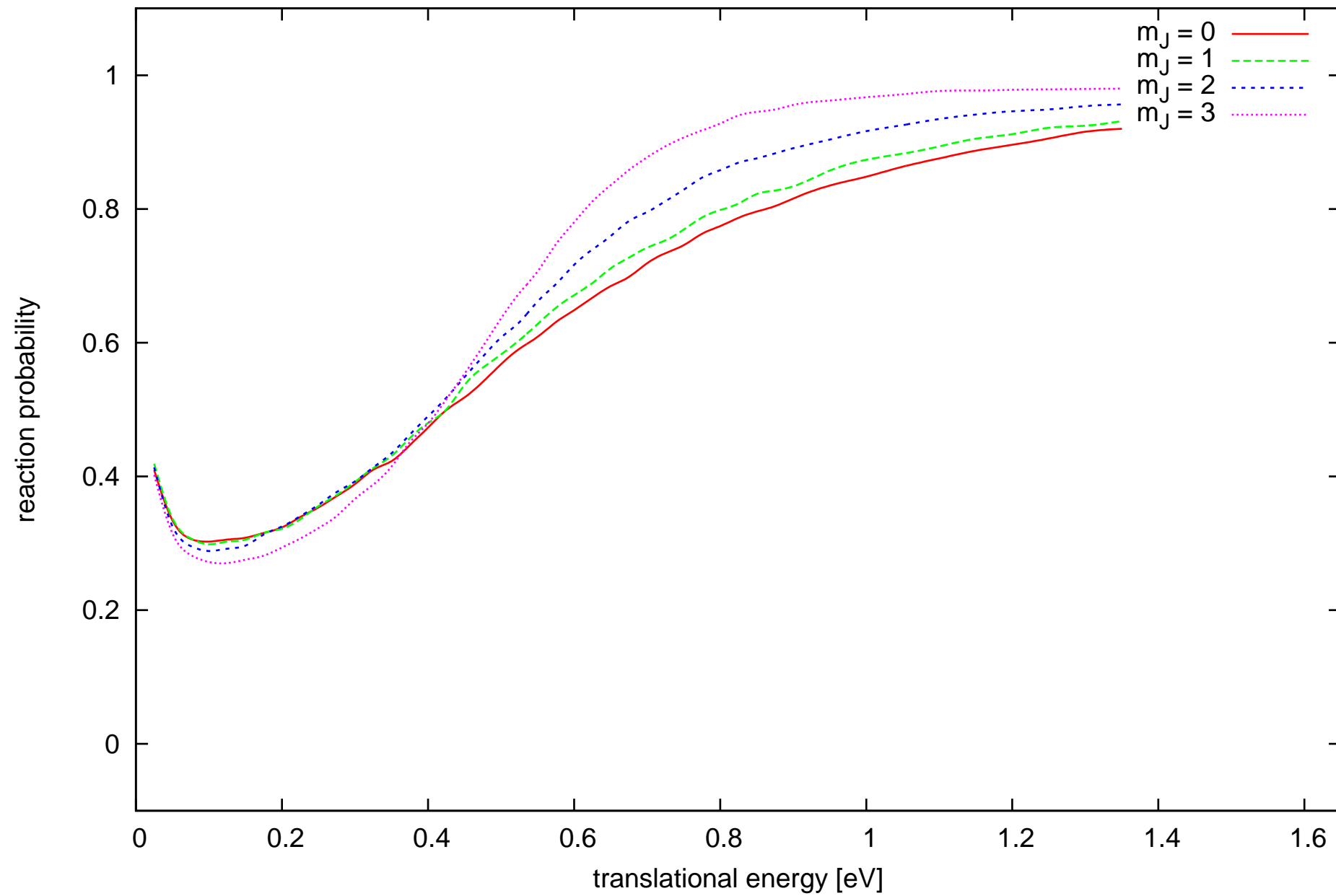
QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 1



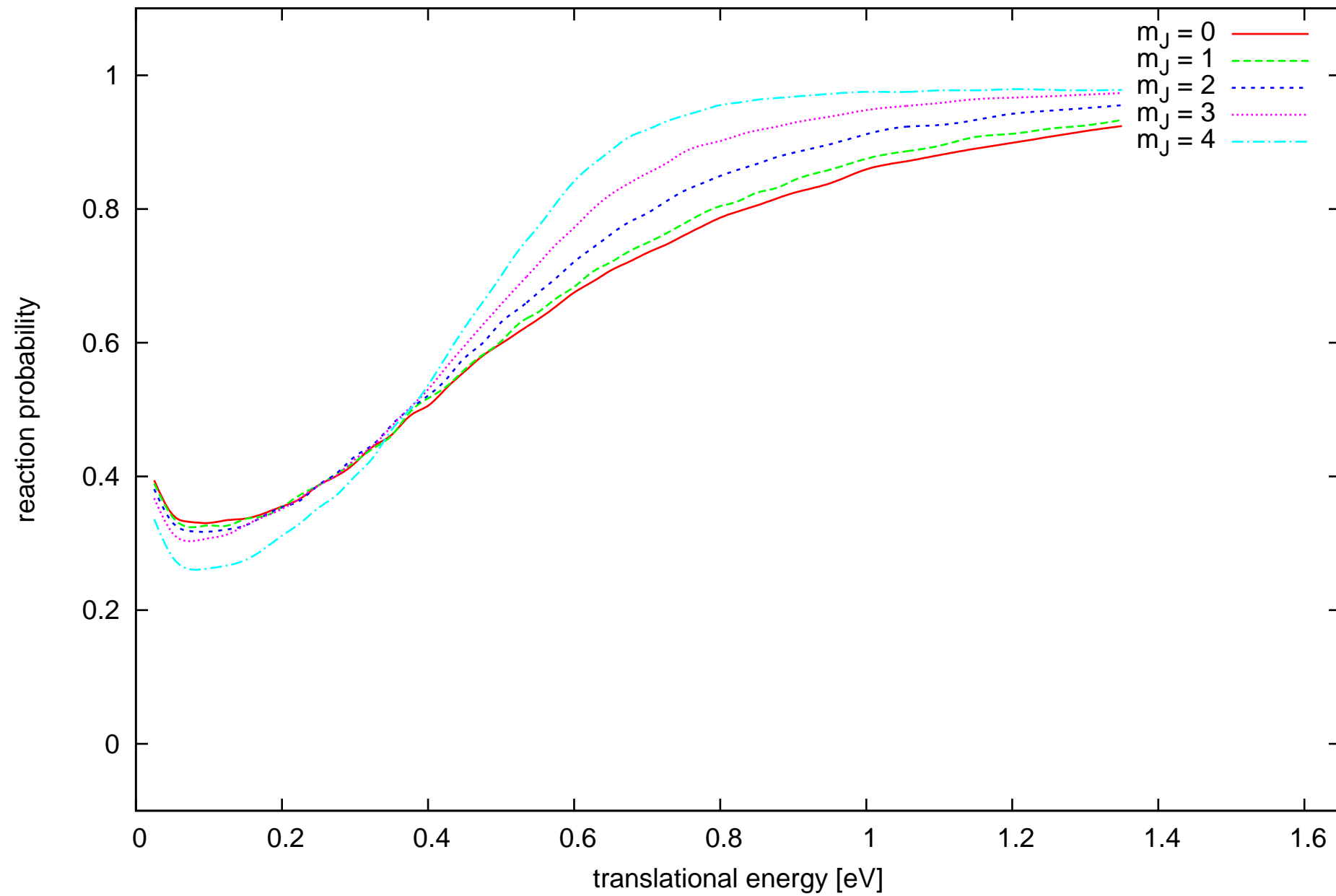
QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 2



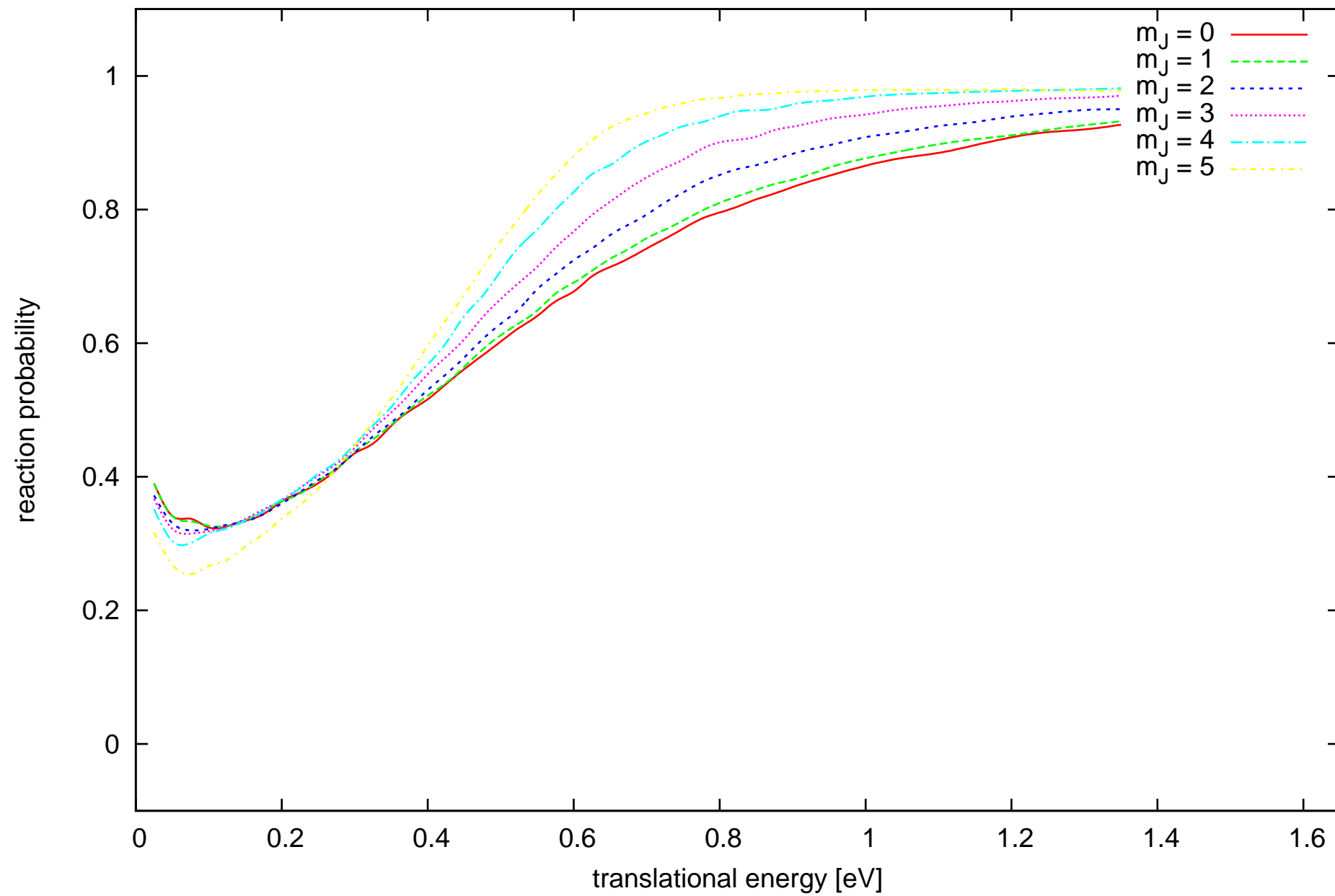
QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 3

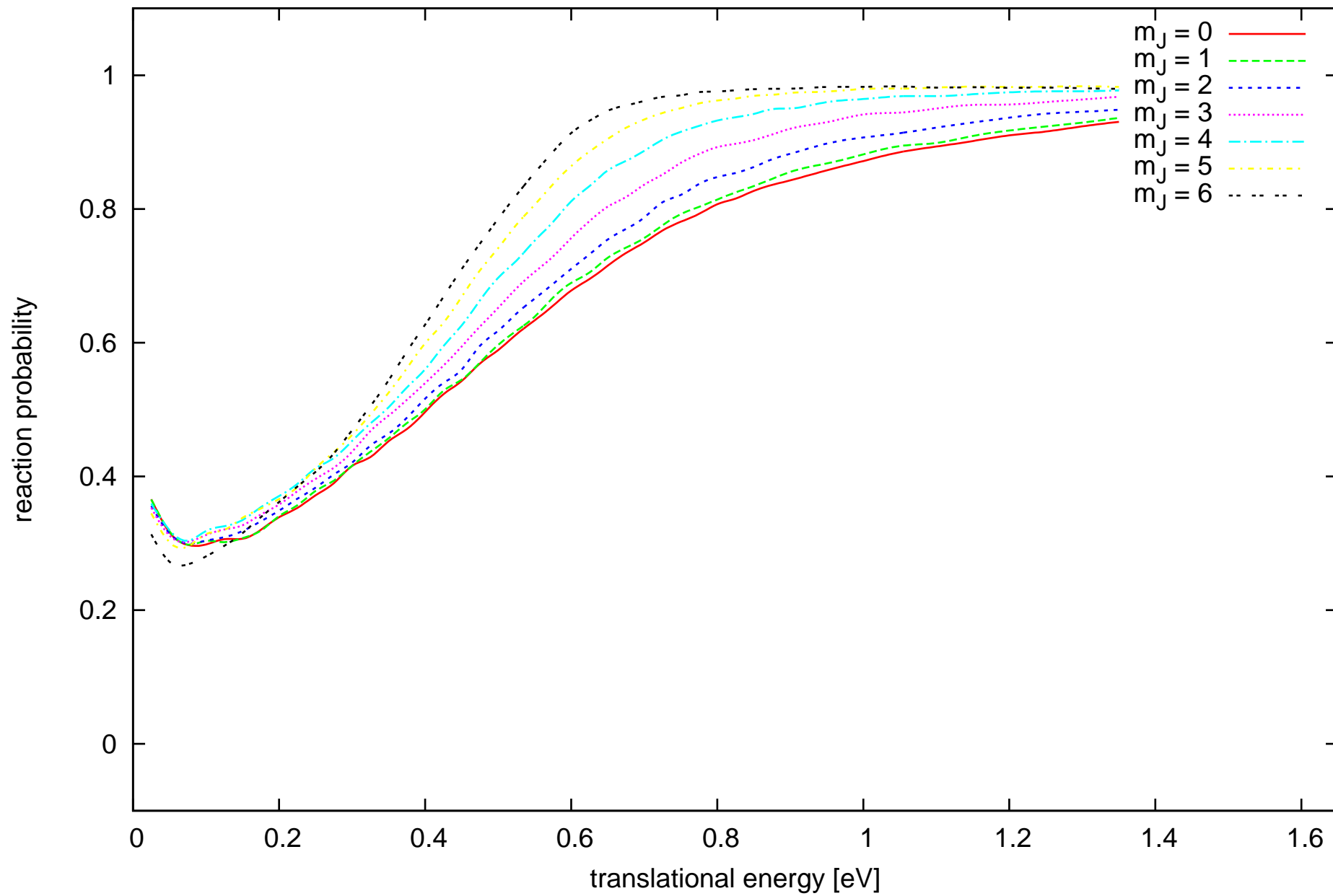


QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 4

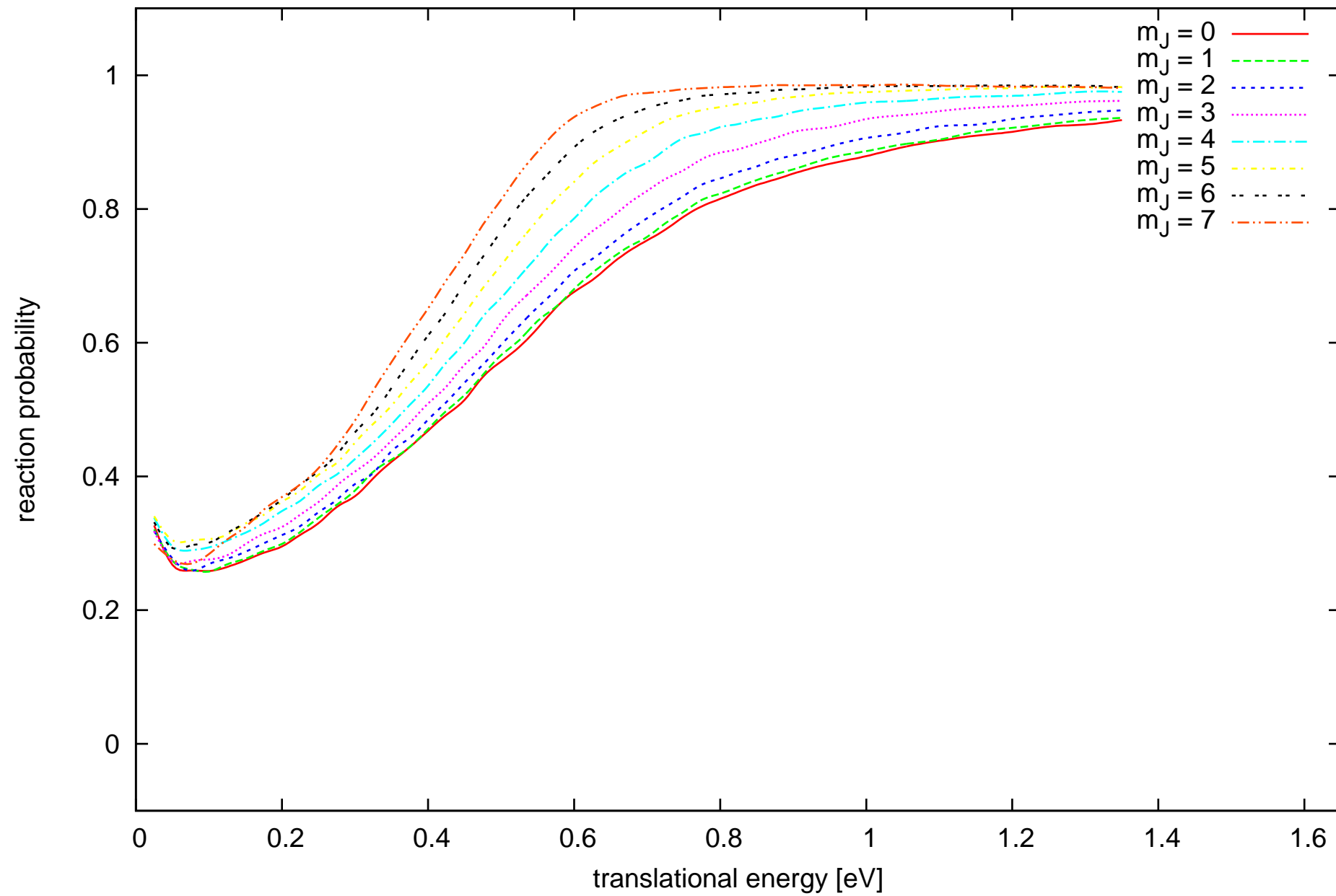


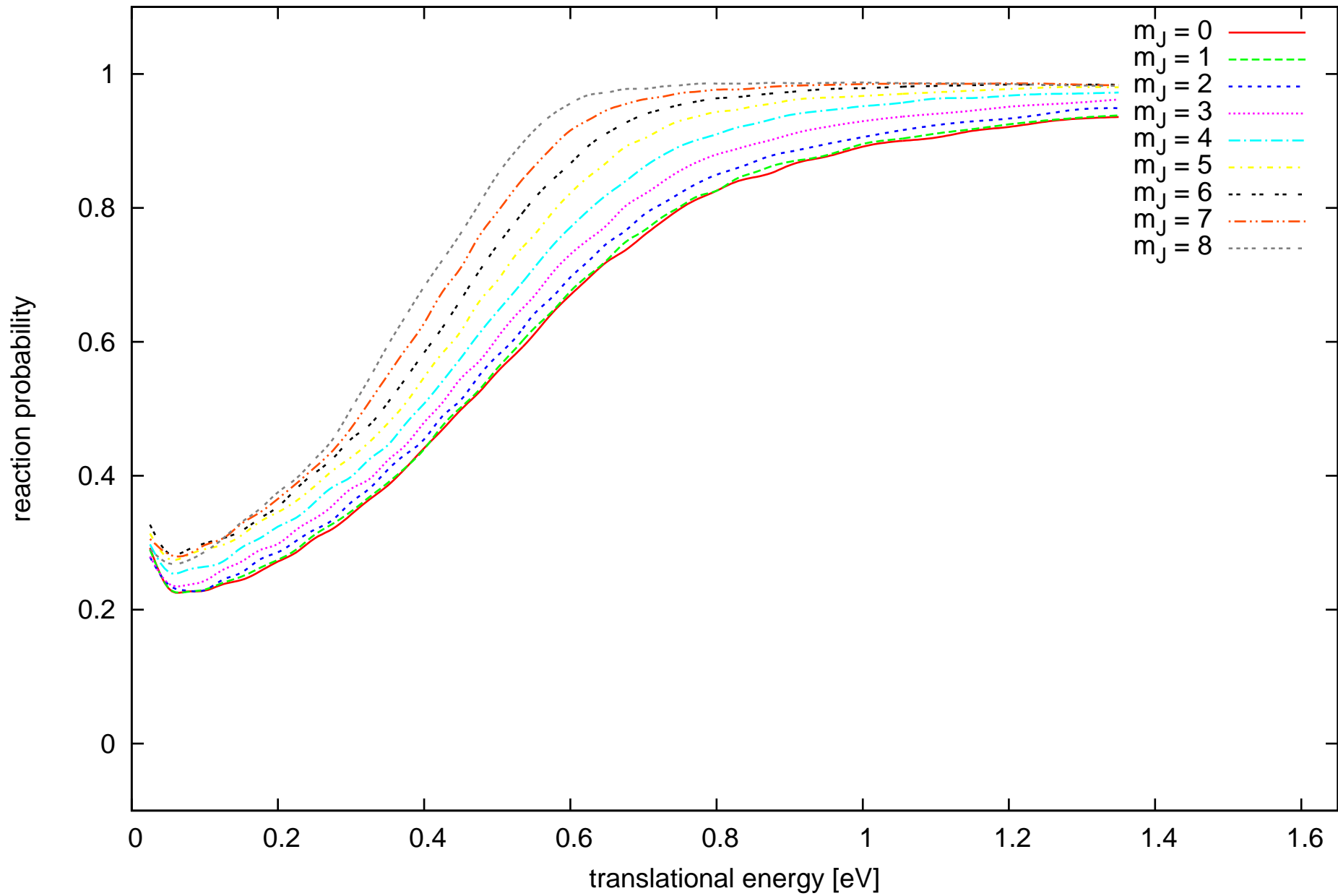
QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 5



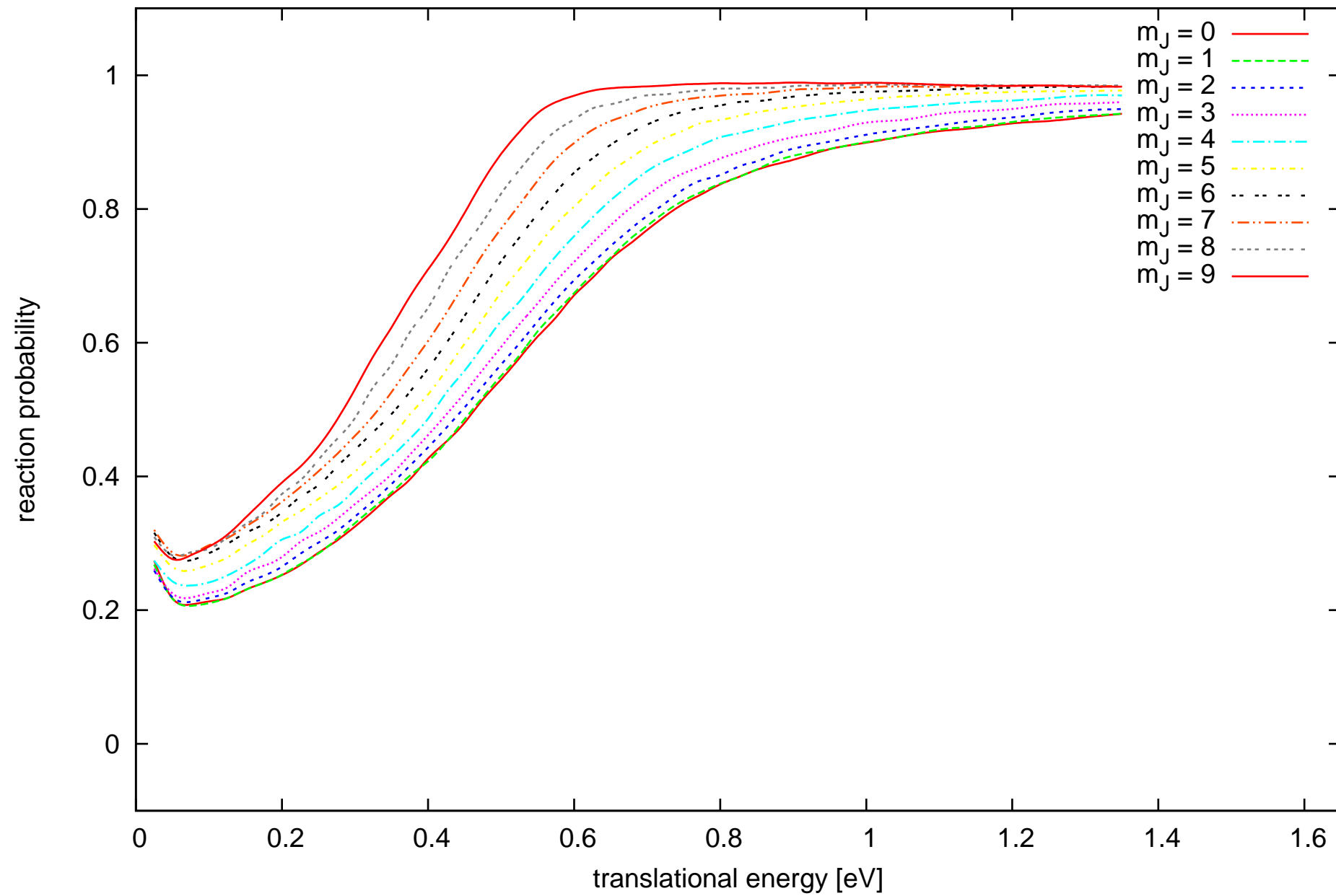


QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 7

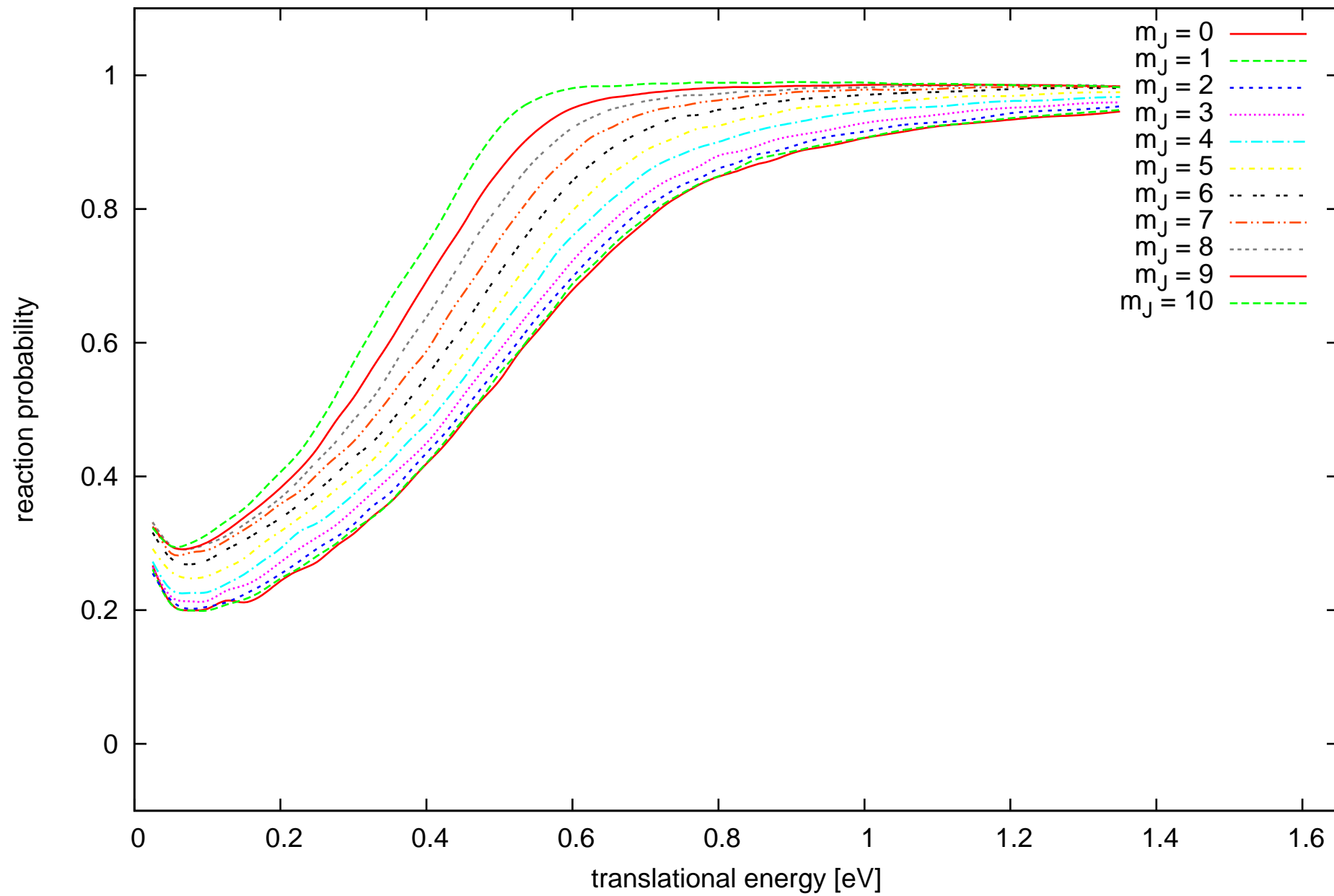




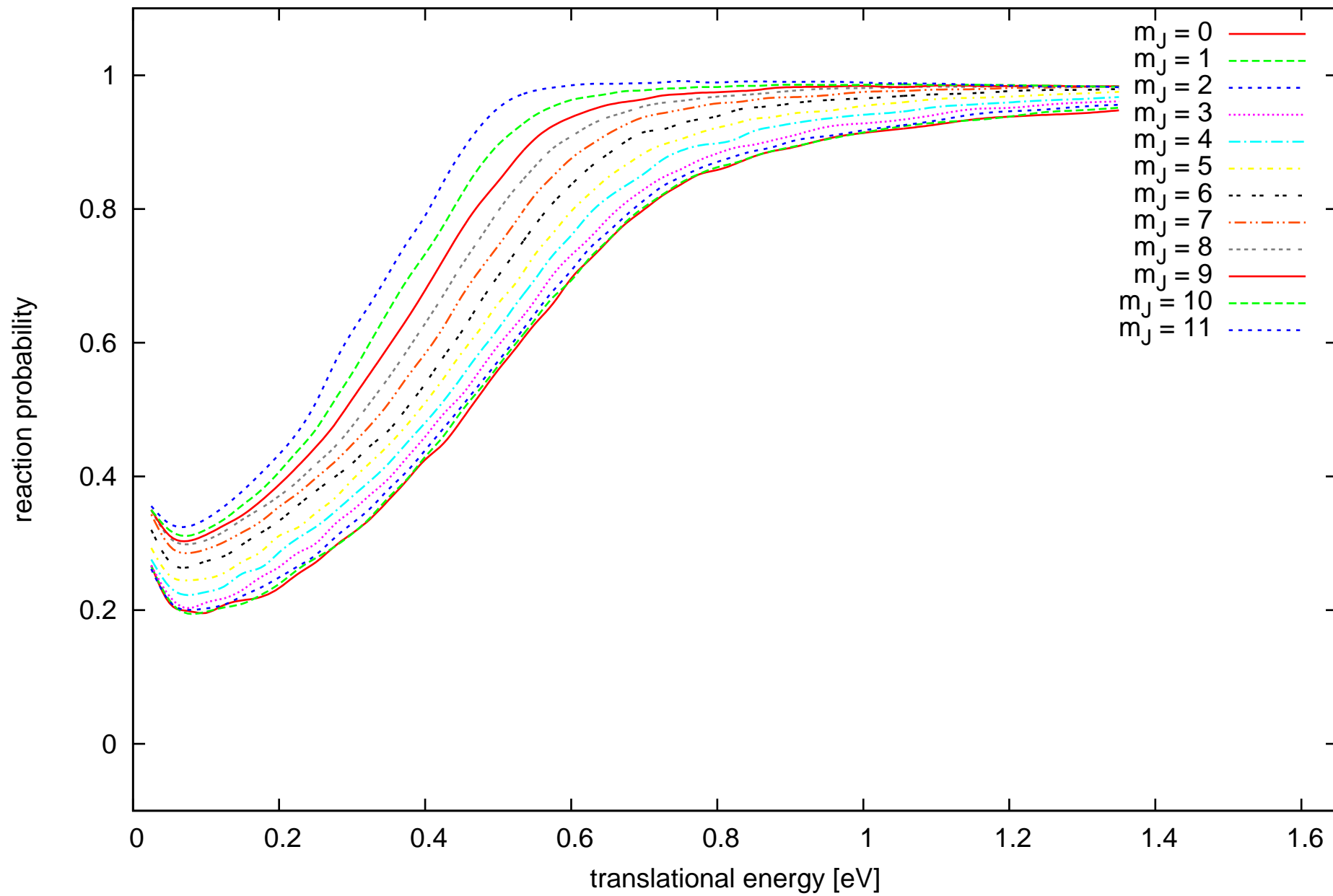
QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 9



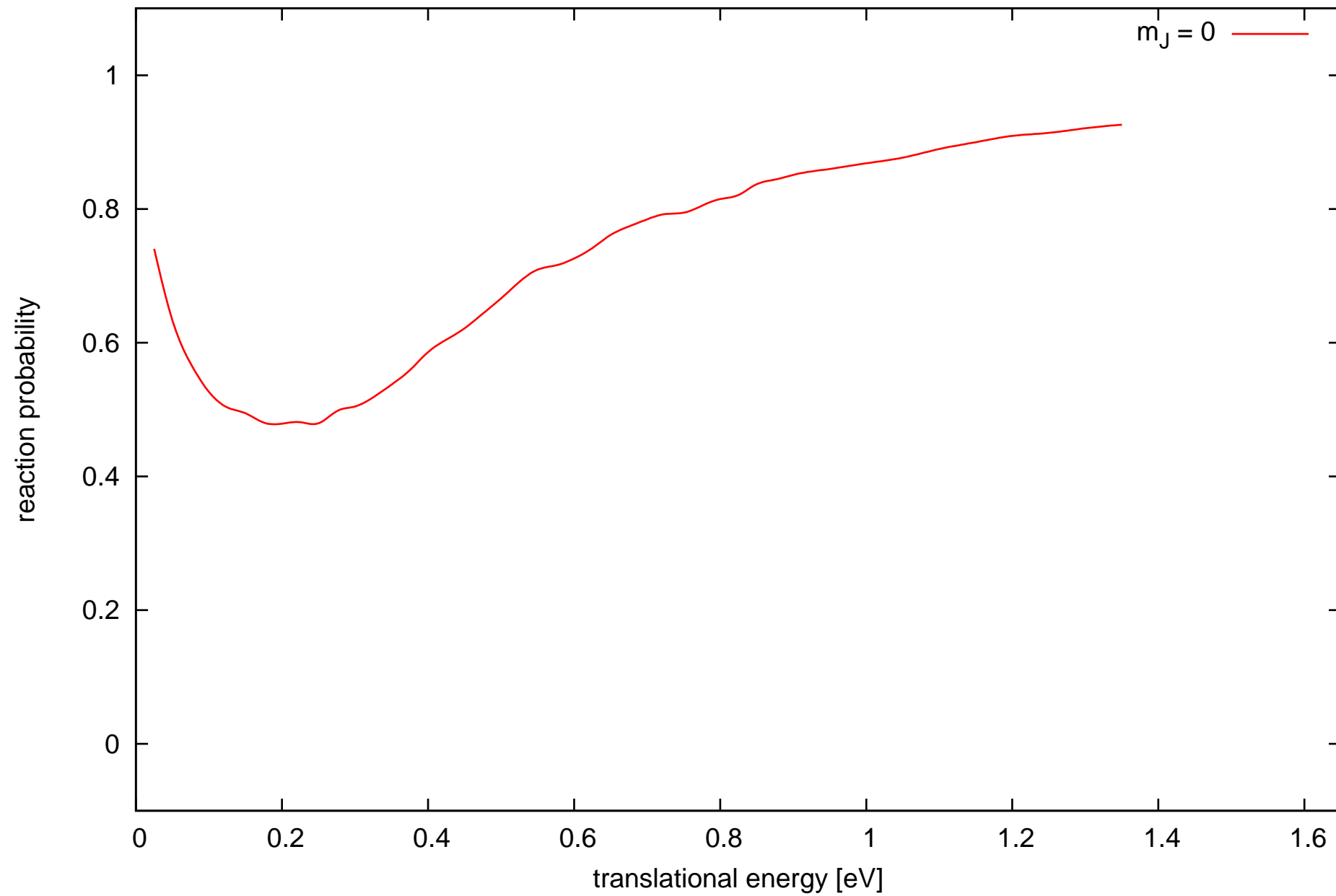
QCT Pt(211) D<sub>2</sub> -- state v = 0 J = 10



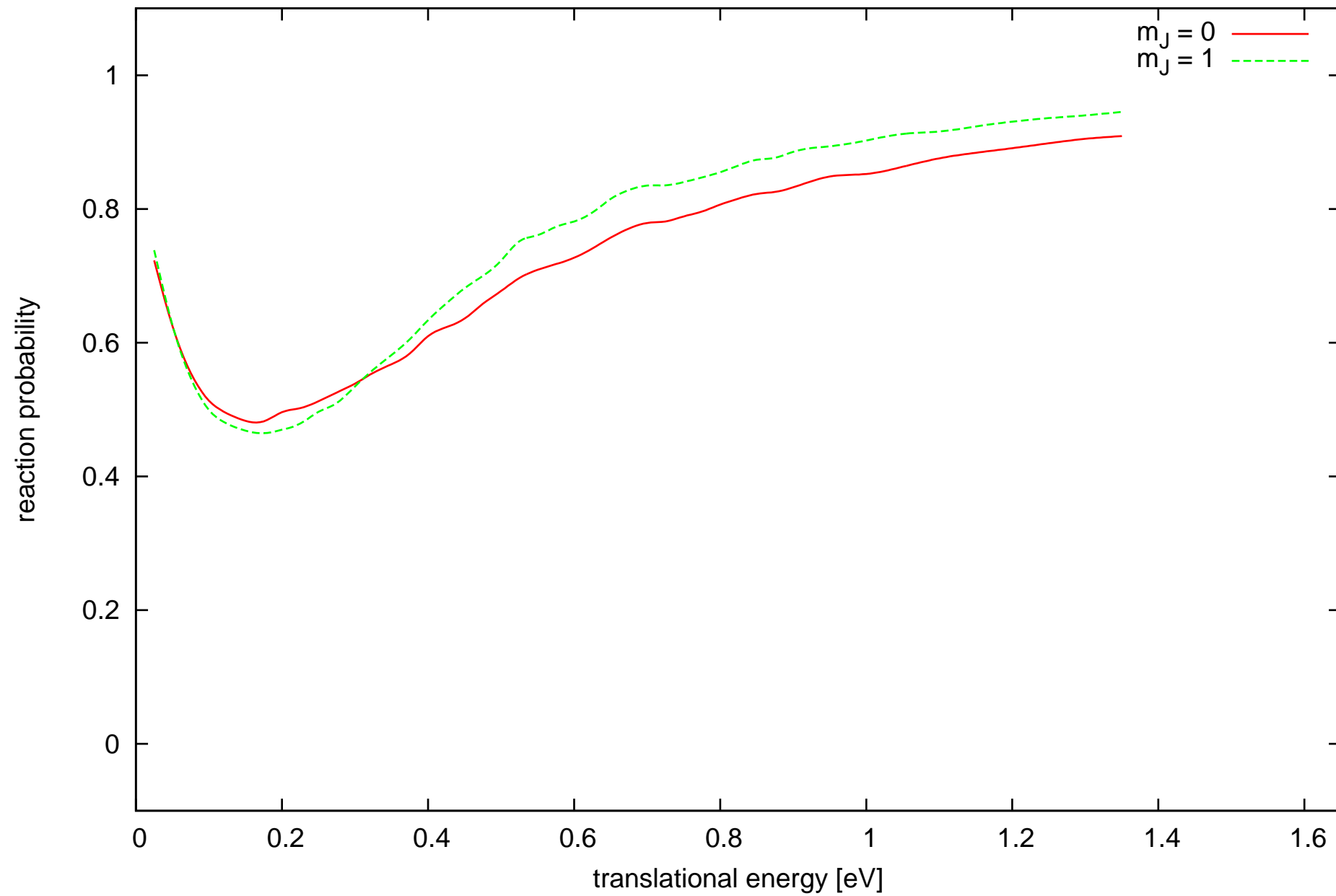
QCT Pt(211)  $D_2$  -- state  $v = 0$   $J = 11$



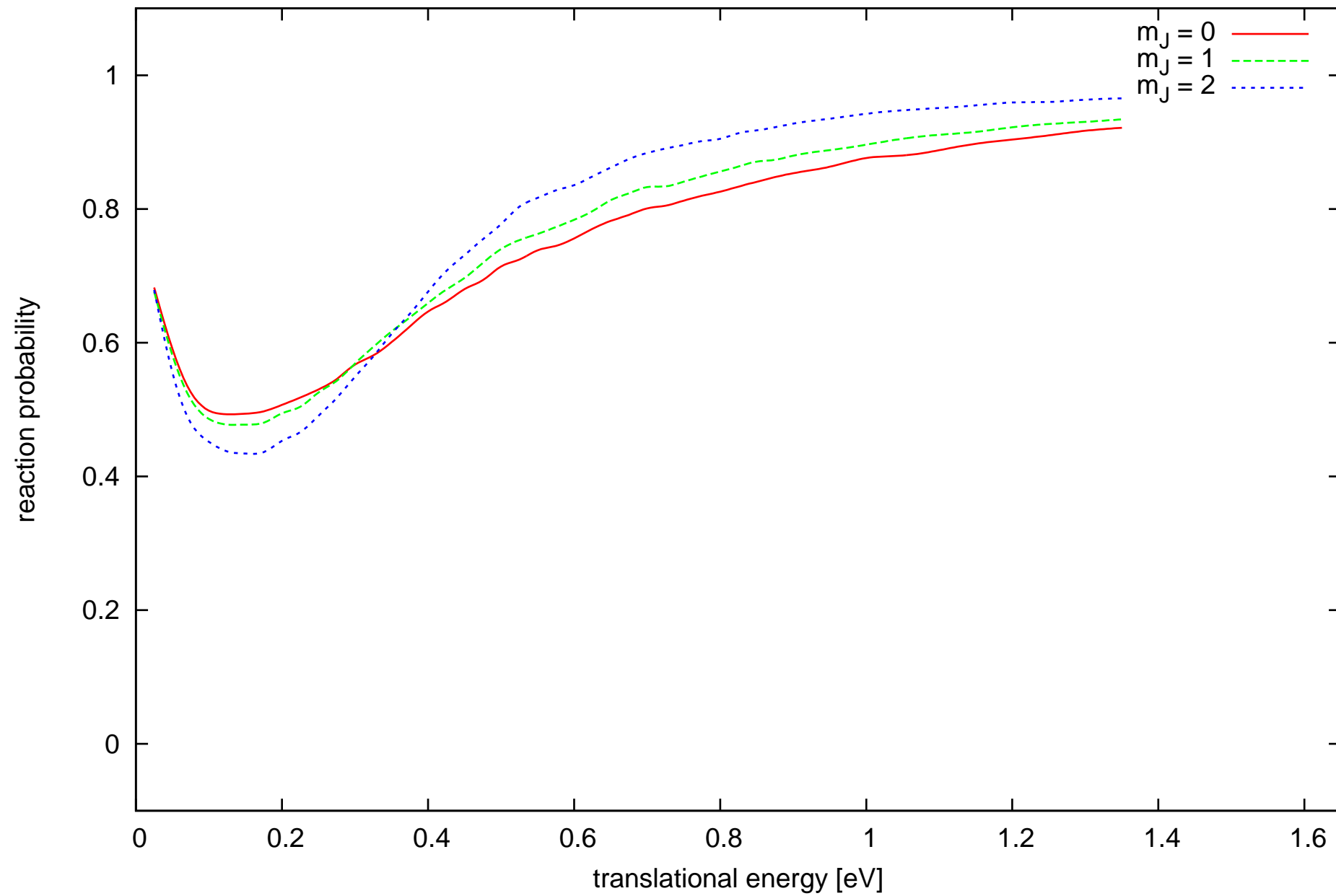
QCT Pt(211) D<sub>2</sub> -- state v = 1 J = 0



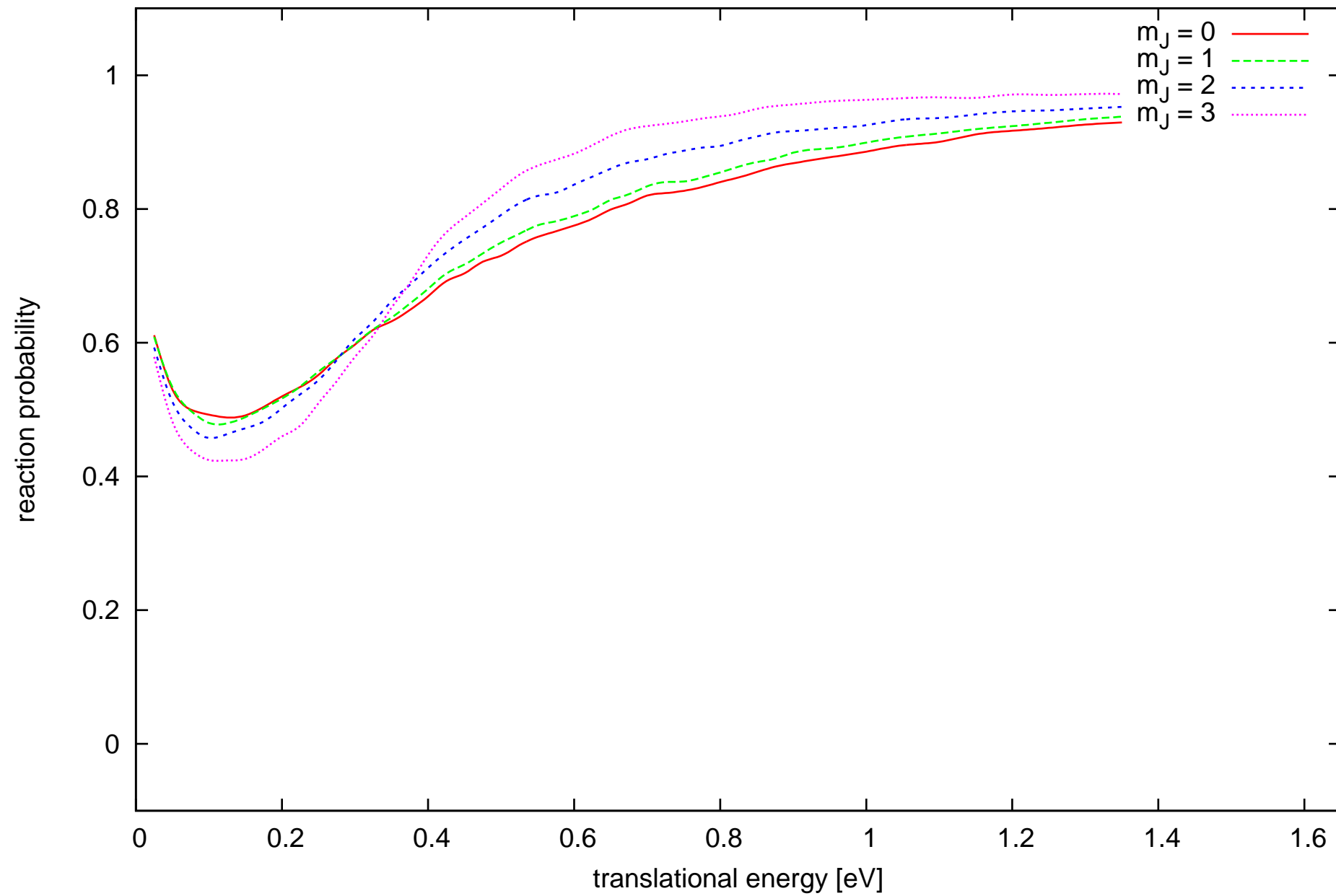
QCT Pt(211) D<sub>2</sub> -- state v = 1 J = 1



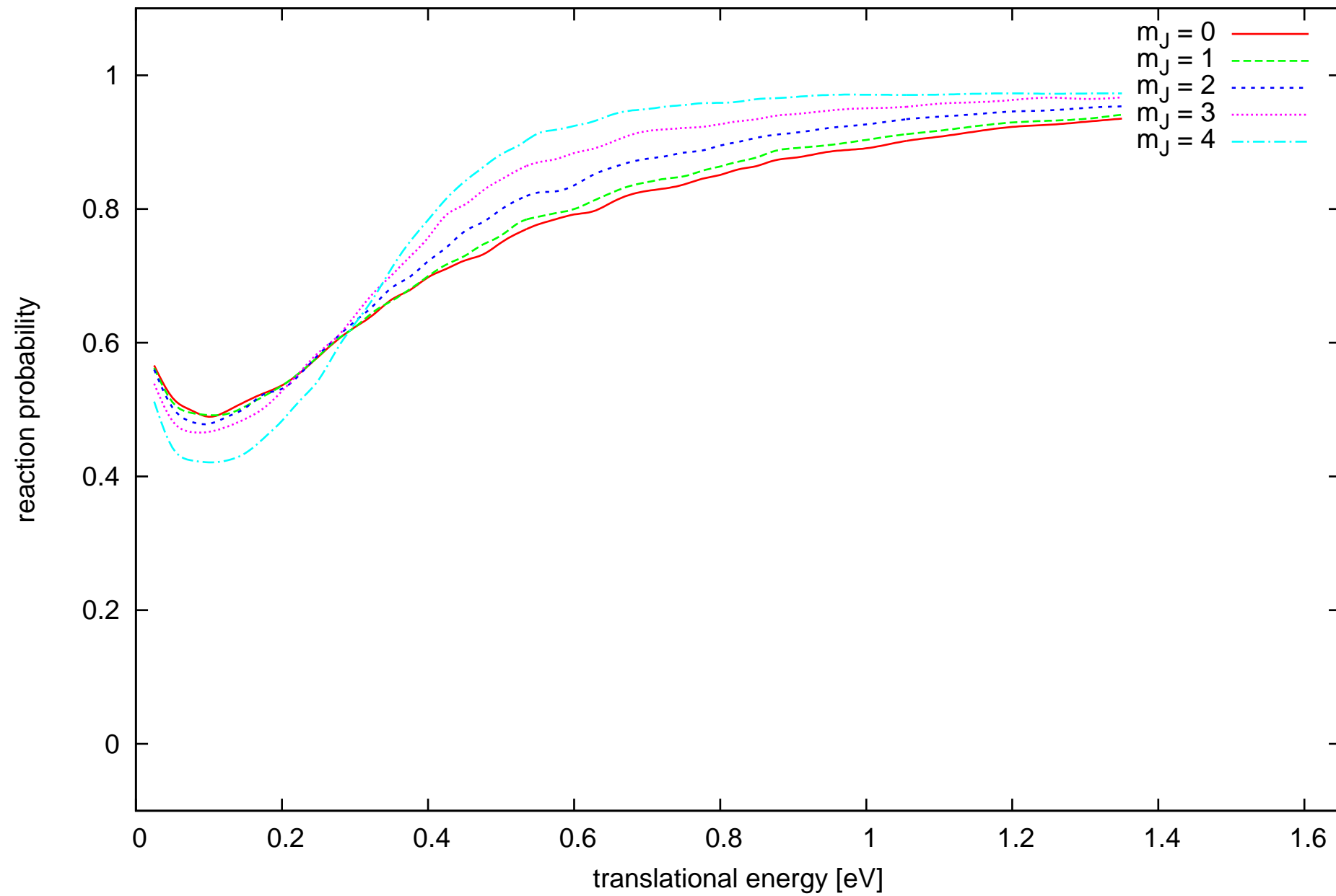
QCT Pt(211) D<sub>2</sub> -- state  $v = 1$   $J = 2$



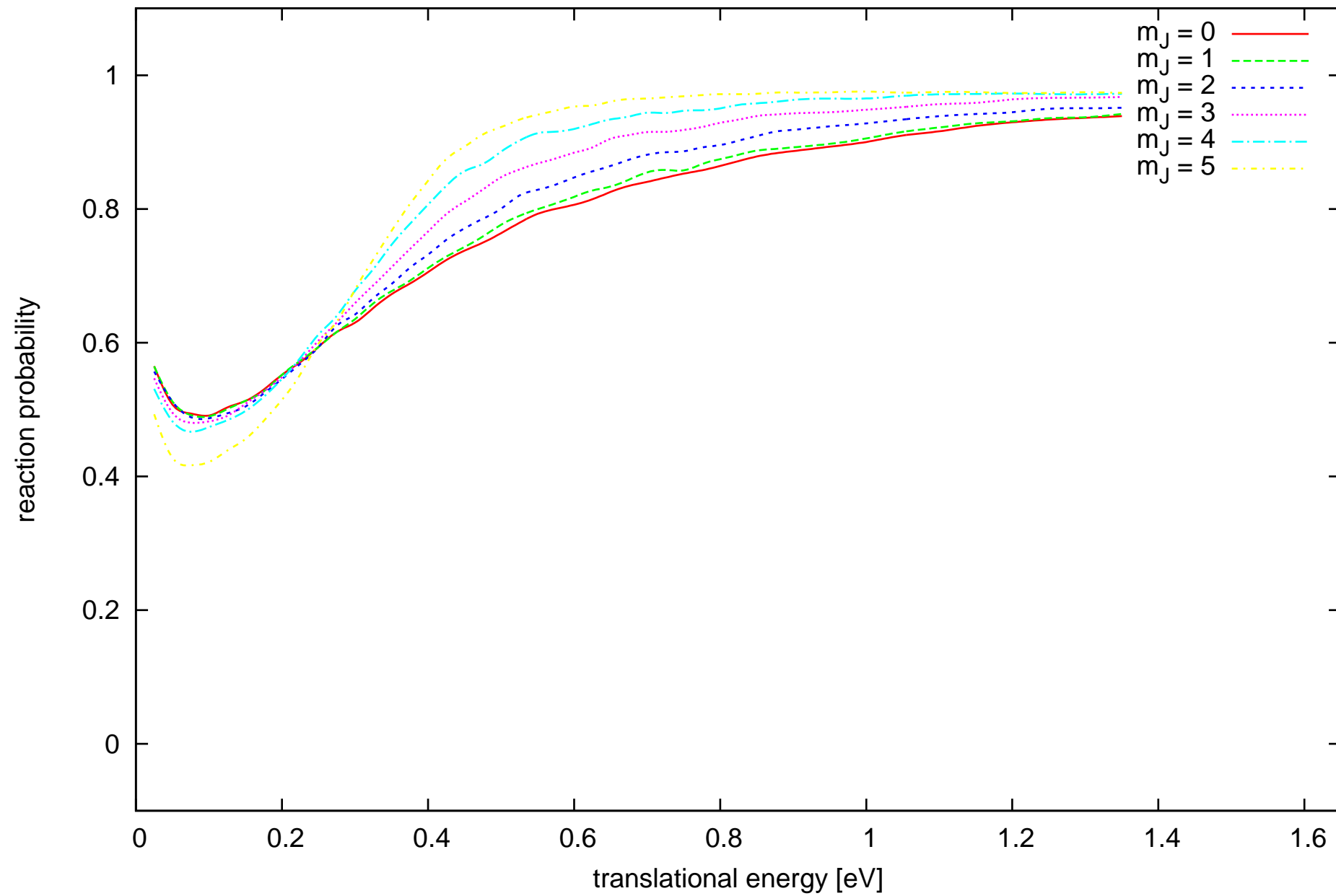
QCT Pt(211) D<sub>2</sub> -- state v = 1 J = 3

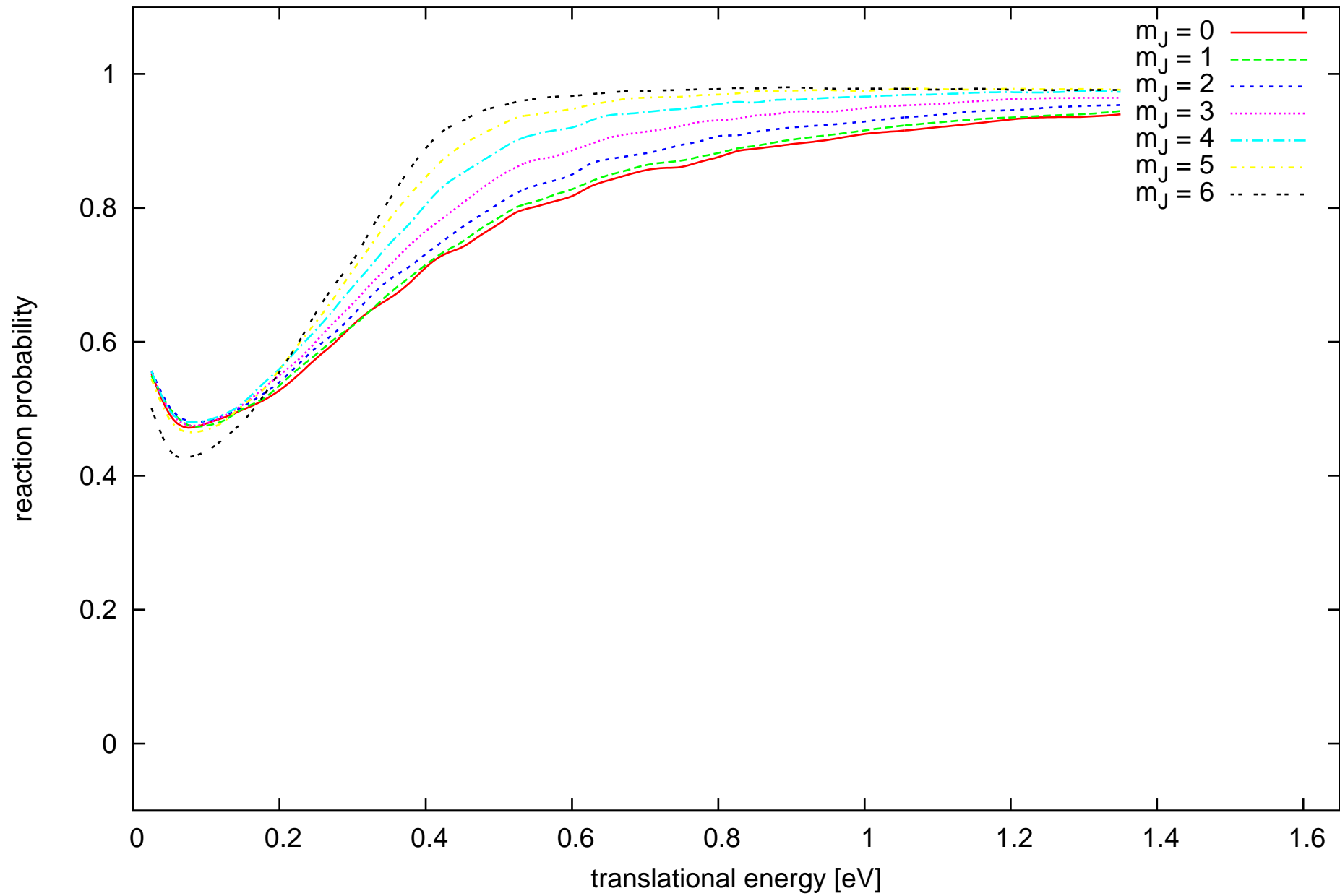


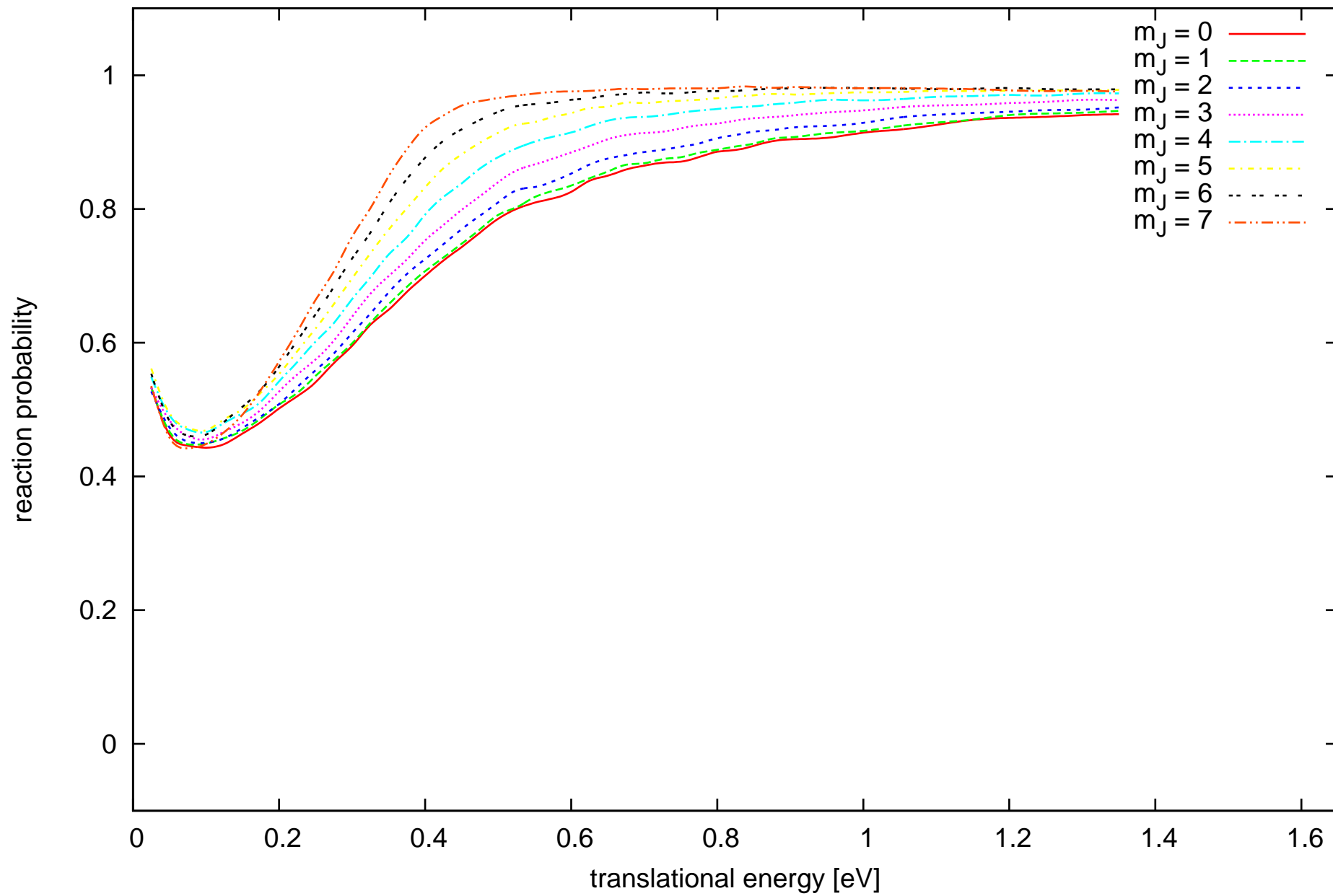
QCT Pt(211) D<sub>2</sub> -- state  $v = 1$   $J = 4$



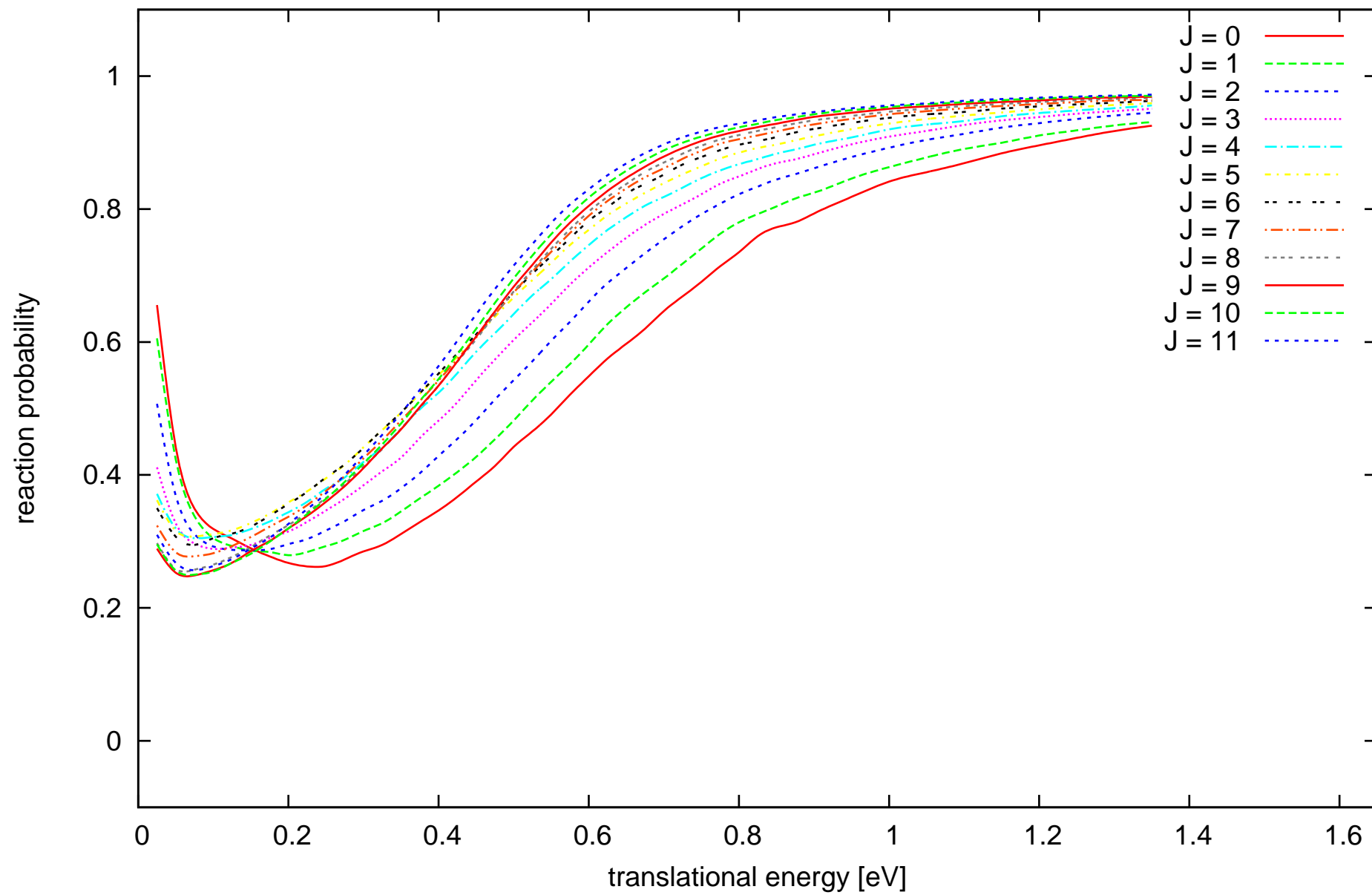
QCT Pt(211) D<sub>2</sub> -- state v = 1 J = 5



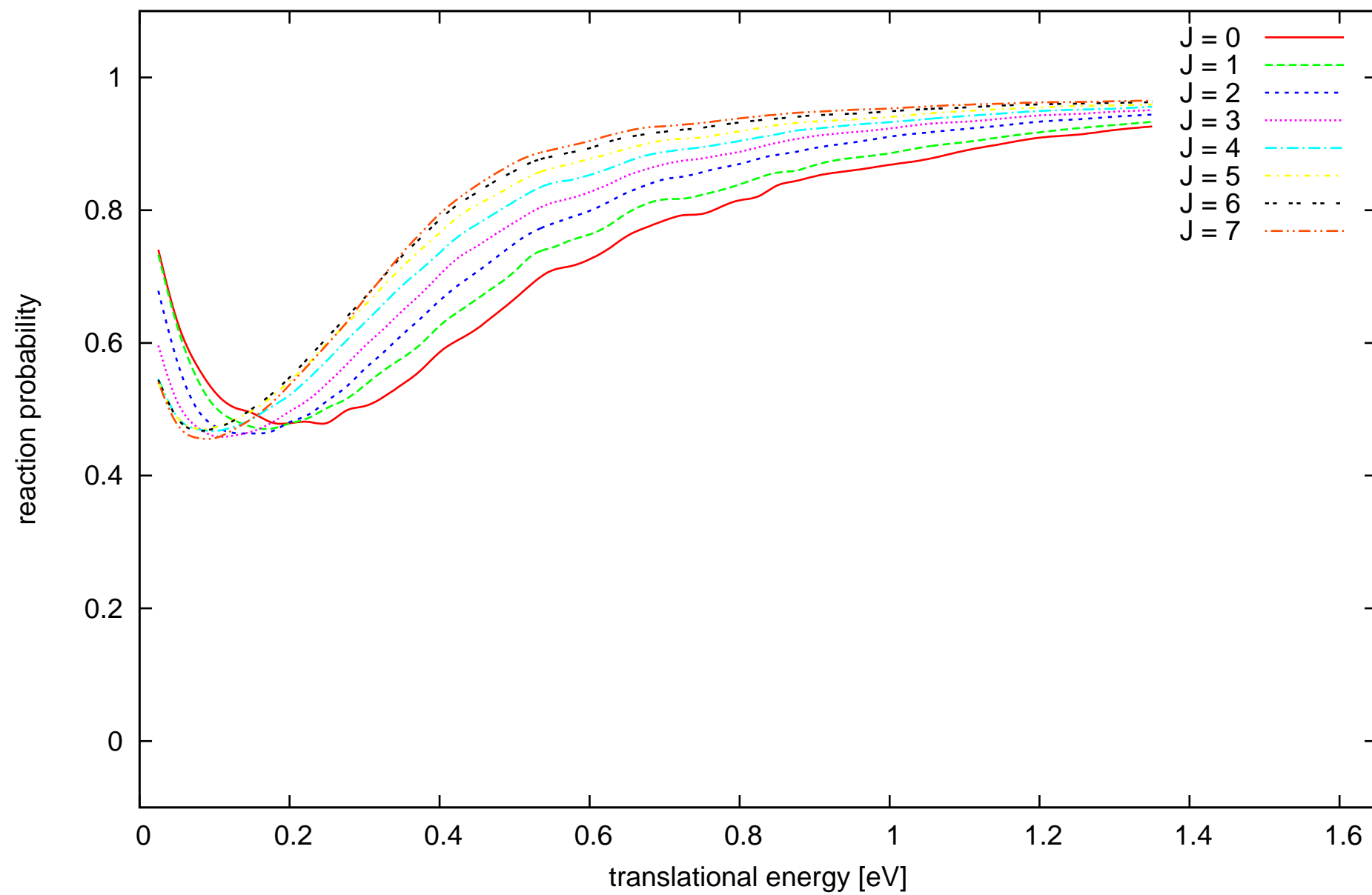




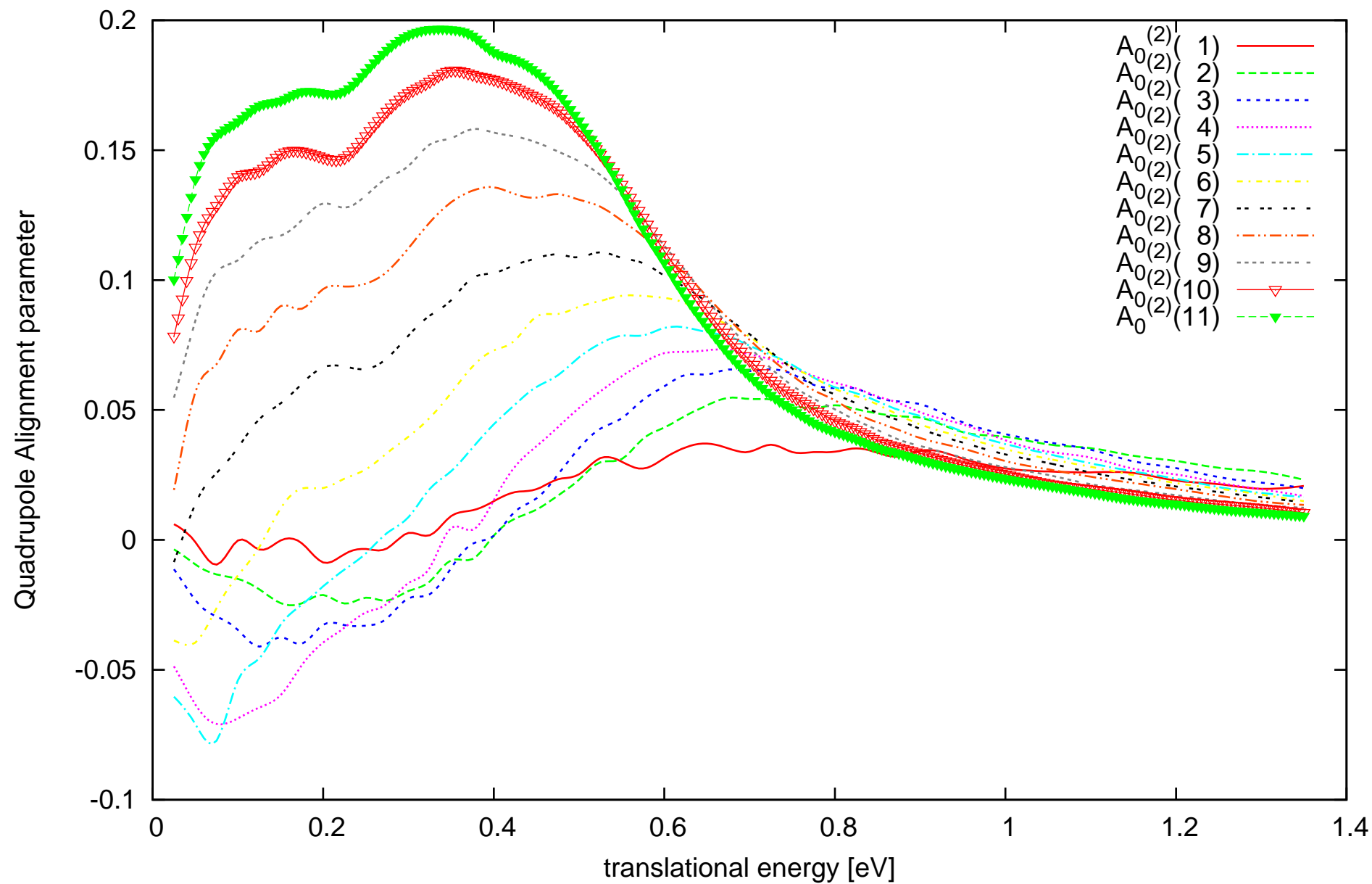
QCT Pt(211) D<sub>2</sub> -- state v = 0  
Degeneracy averaged reaction probabilities



QCT Pt(211) D<sub>2</sub> -- state  $v = 1$   
Degeneracy averaged reaction probabilities



QCT Pt(211) D<sub>2</sub> -- state v = 0  
 Rotational Quadrupole Alignment parameter



QCT Pt(211) D<sub>2</sub> -- state v = 1  
Rotational Quadrupole Alignment parameter

