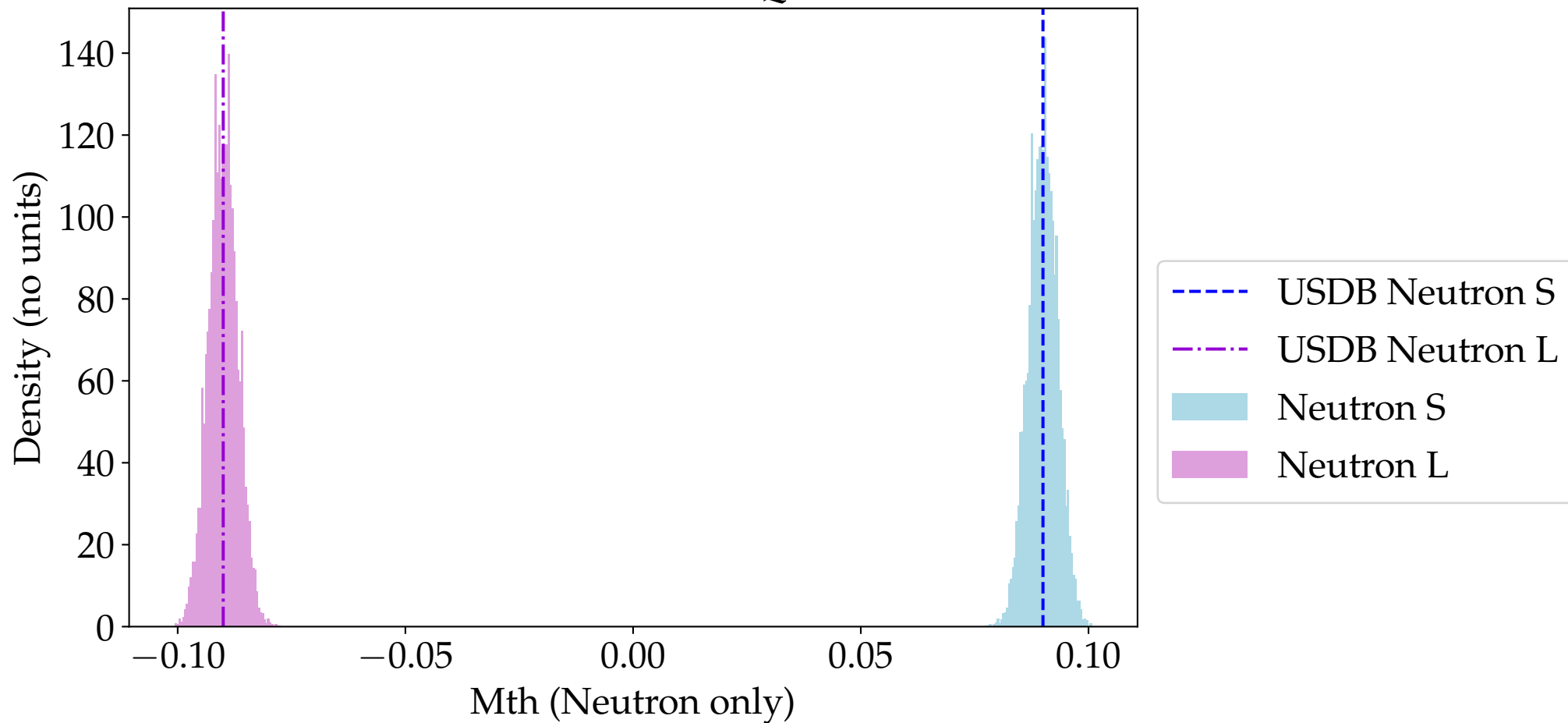
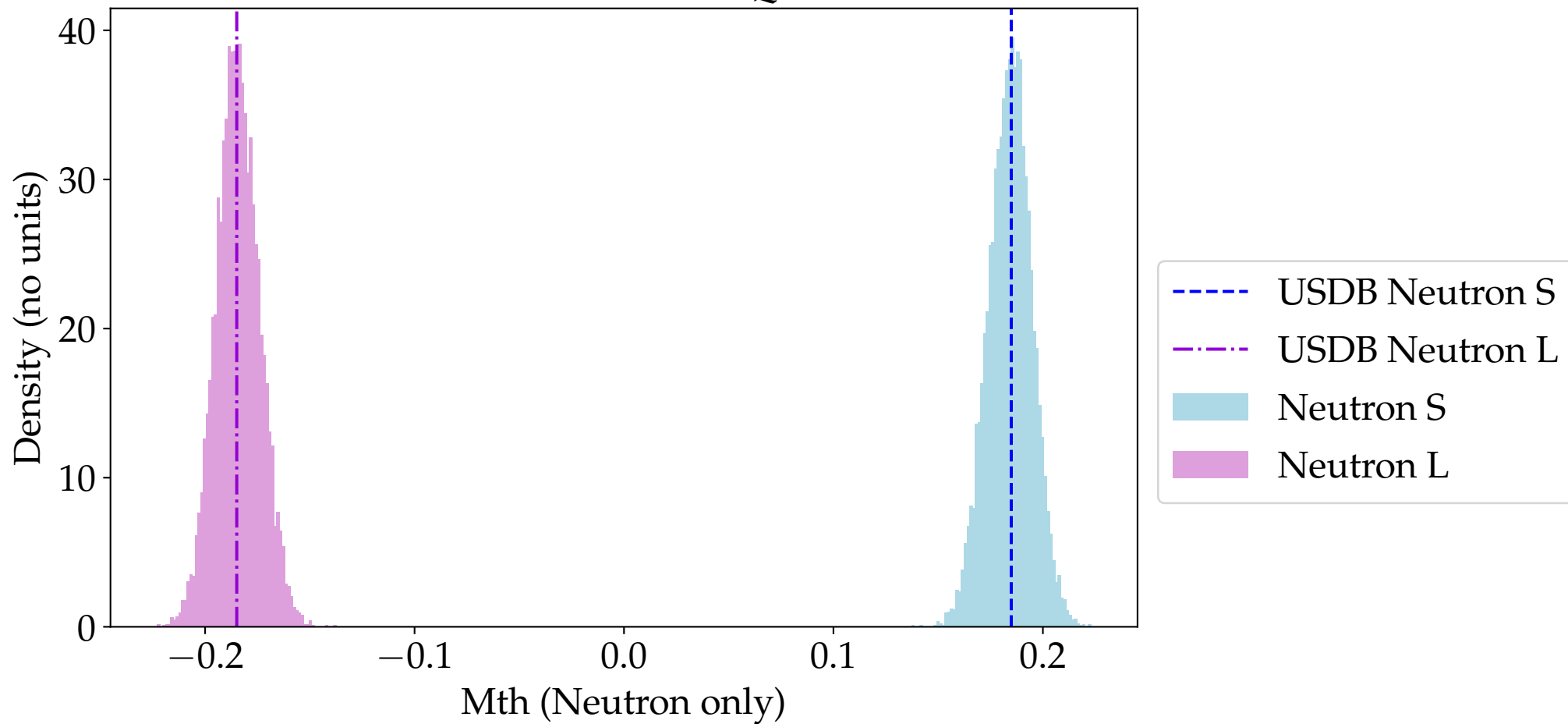


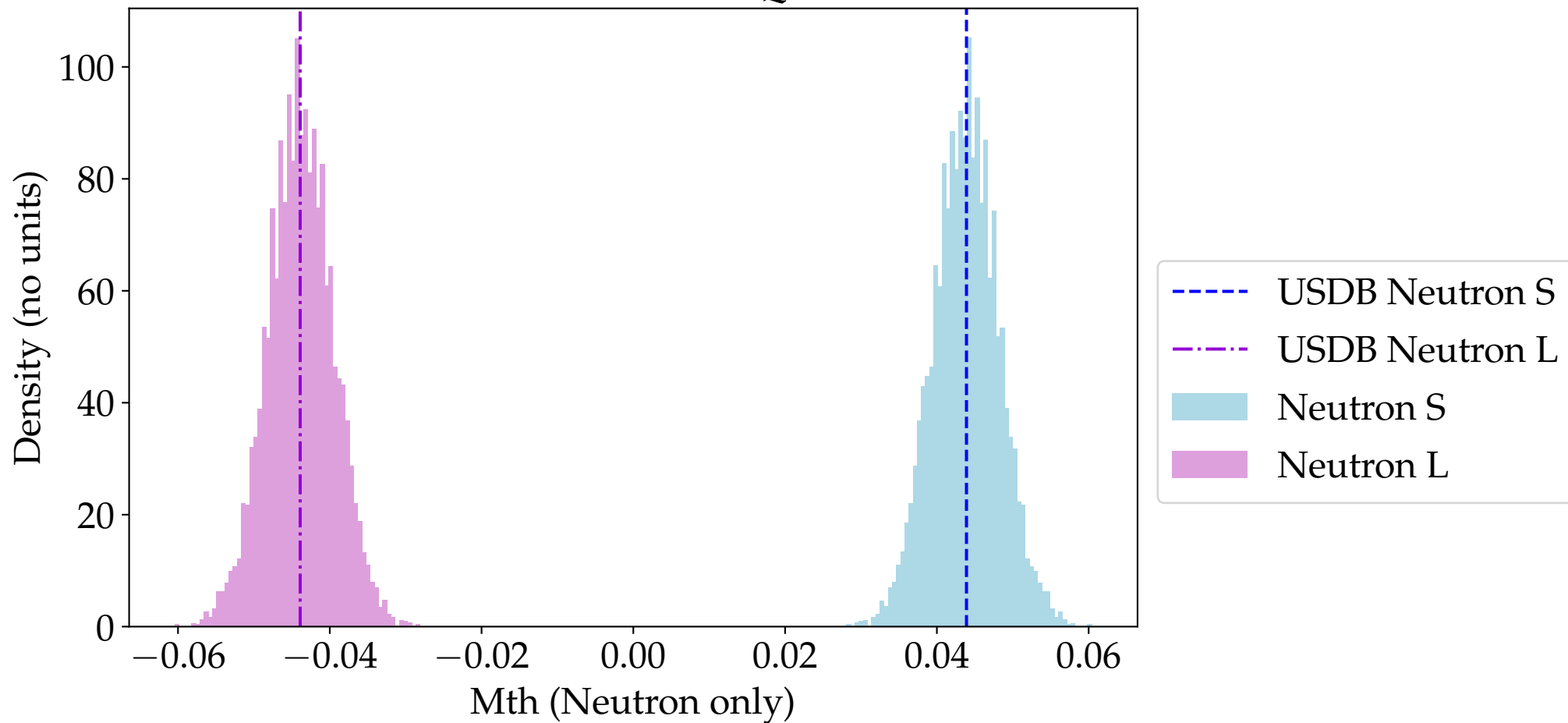
$^{18}\text{O} (2_2) \rightarrow (2_1)$
Included in UQ



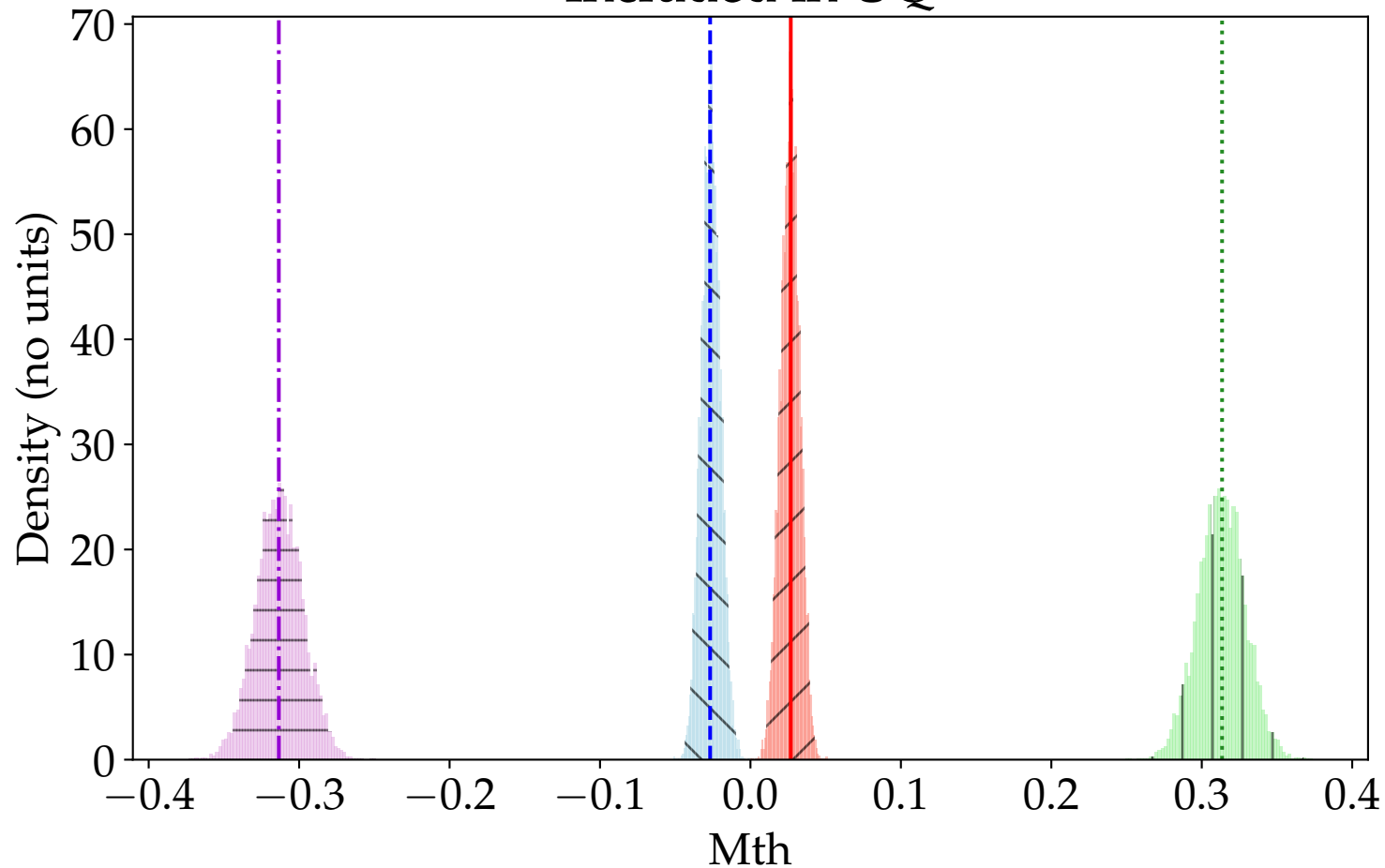
$^{18}\text{O} (2_3) \rightarrow (2_2)$
Included in UQ



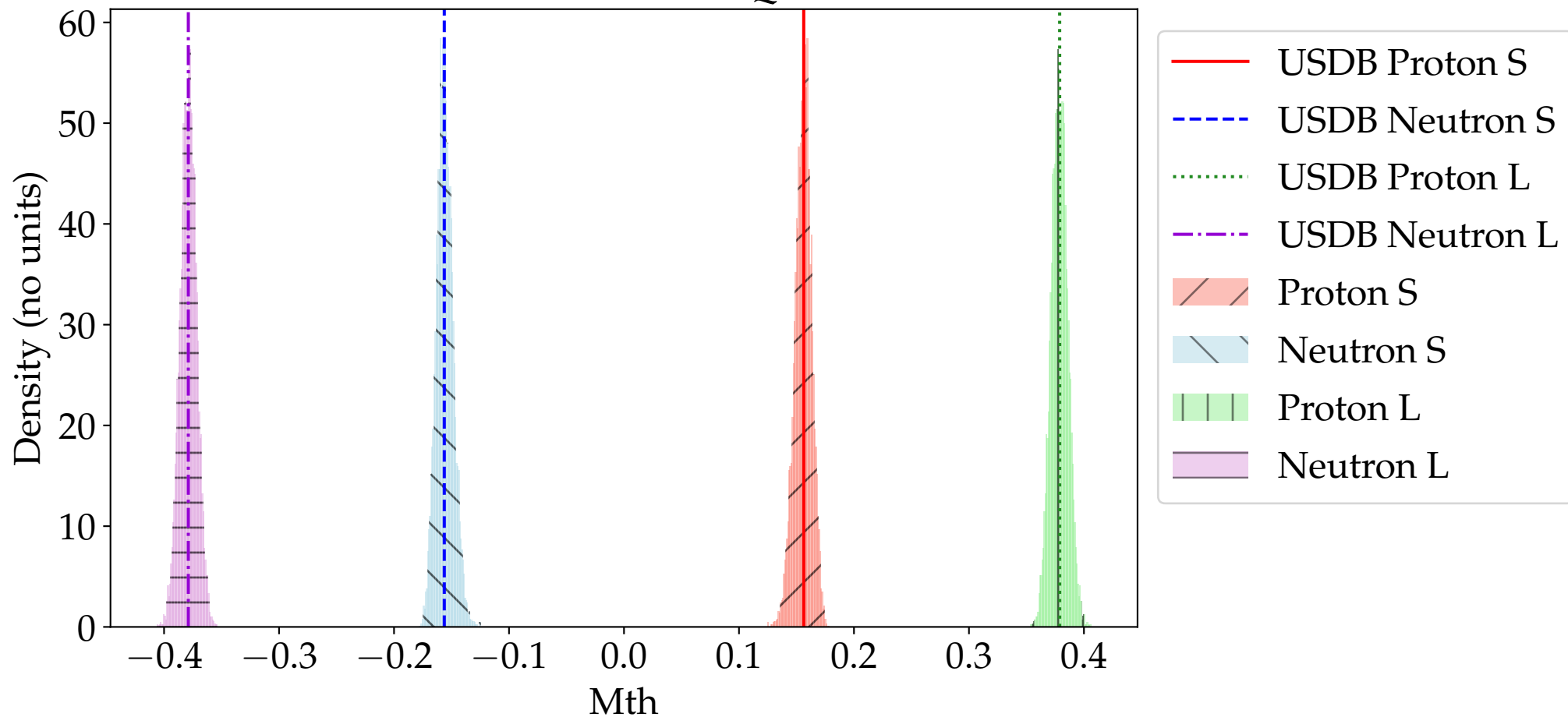
$^{19}\text{O} (3/2_1) \rightarrow (5/2_1)$
Included in UQ



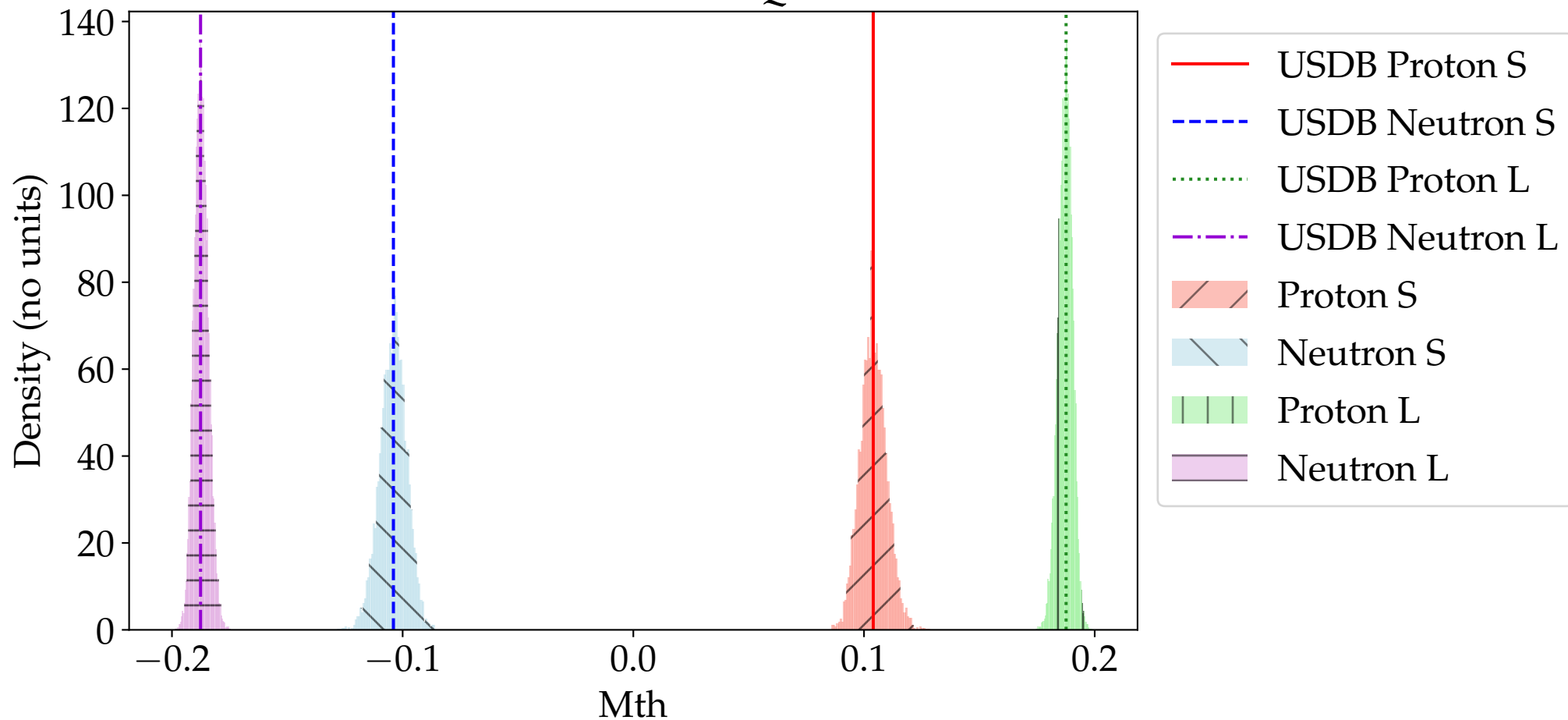
$^{18}\text{F} (1_2) \rightarrow (0_1)$
Included in UQ



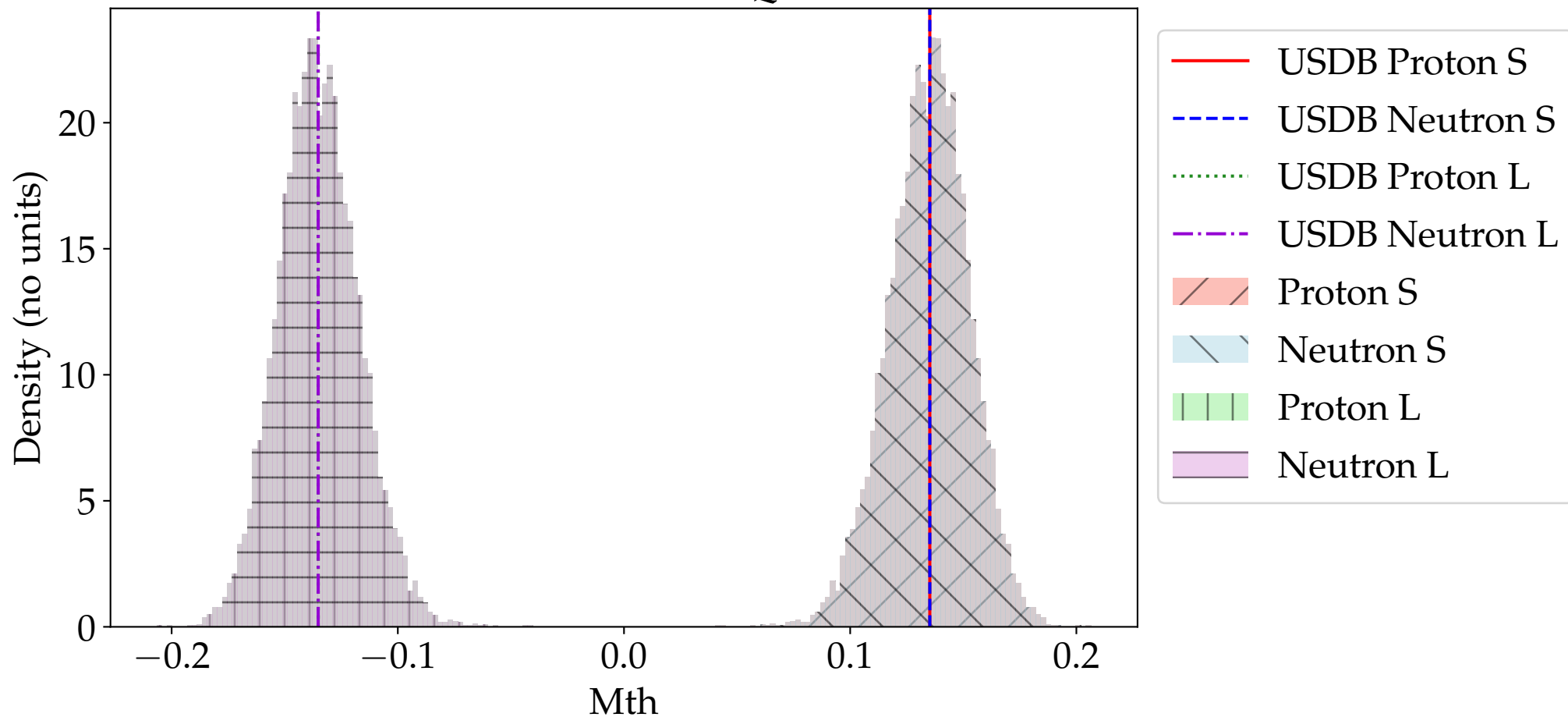
$^{18}\text{F} (2_3) \rightarrow (2_2)$
Included in UQ



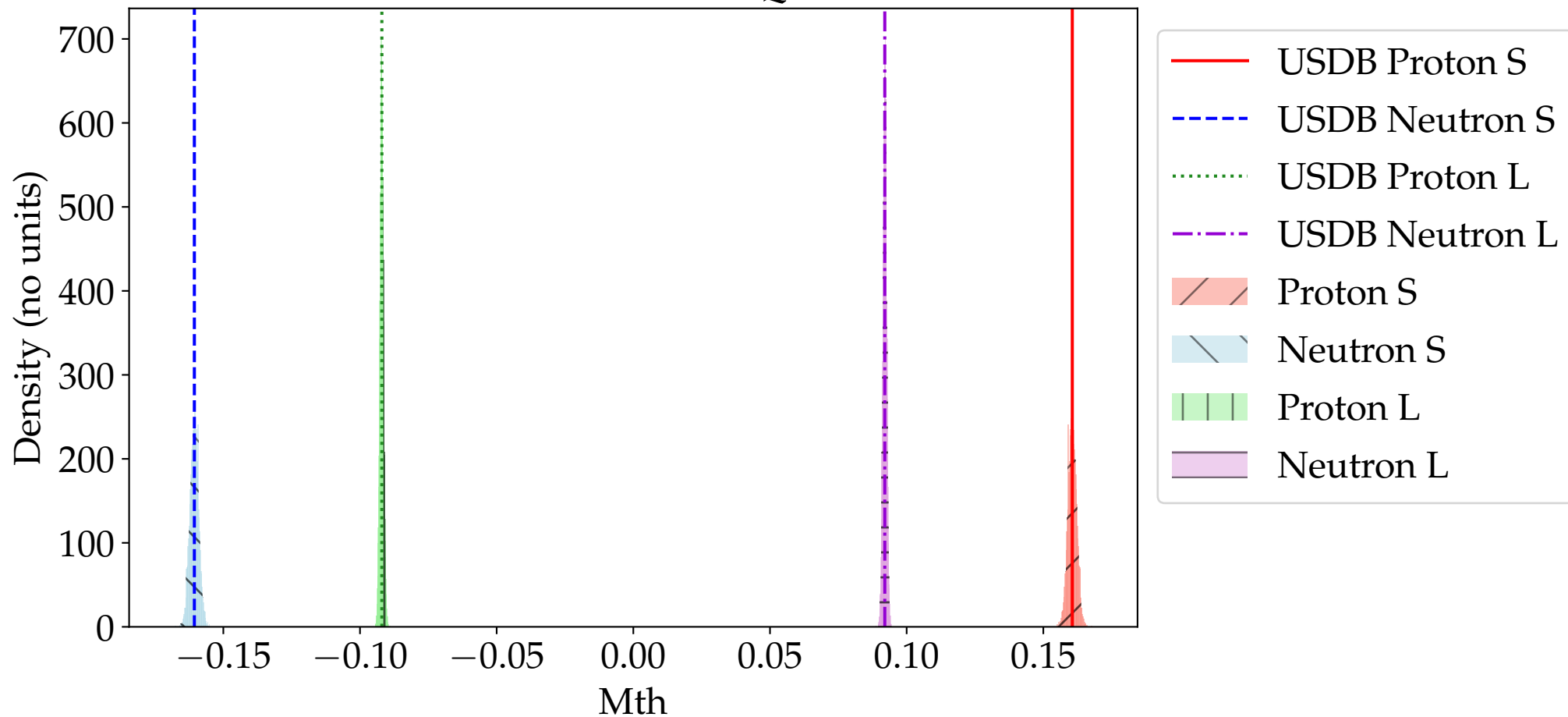
$^{18}\text{F} (3_3) \rightarrow (2_2)$
Included in UQ



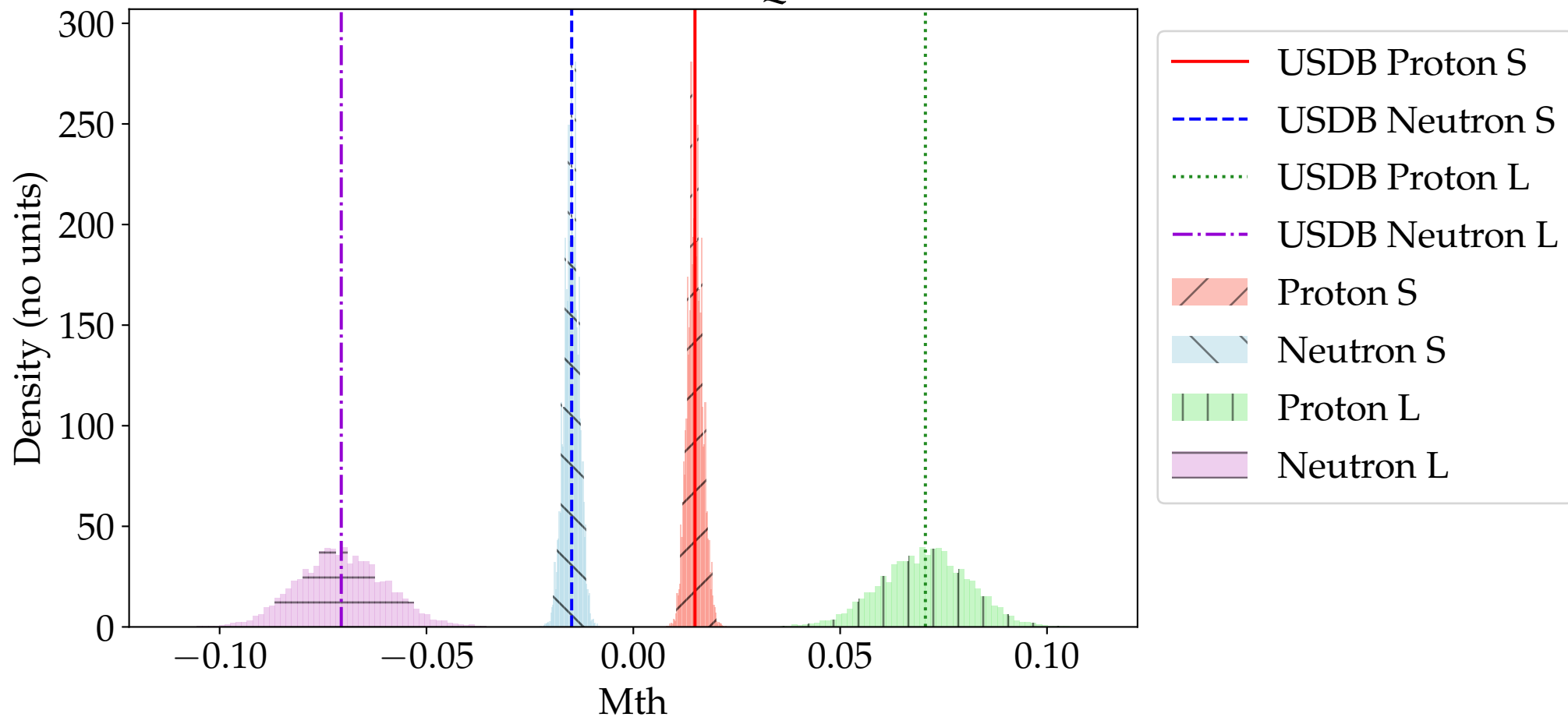
$^{18}\text{F} (1_4) \rightarrow (2_2)$
Included in UQ



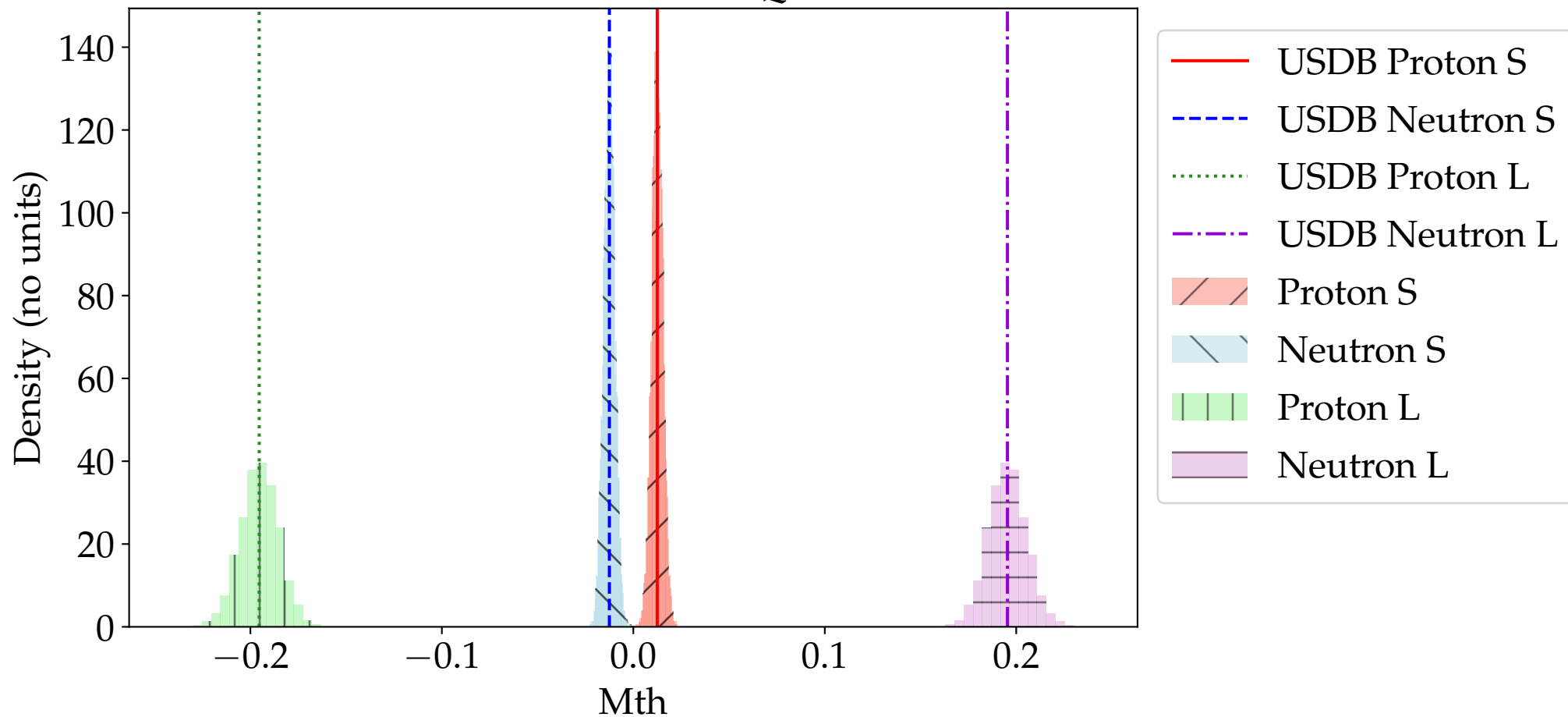
$^{18}\text{F} (4_2) \rightarrow (4_1)$
Included in UQ



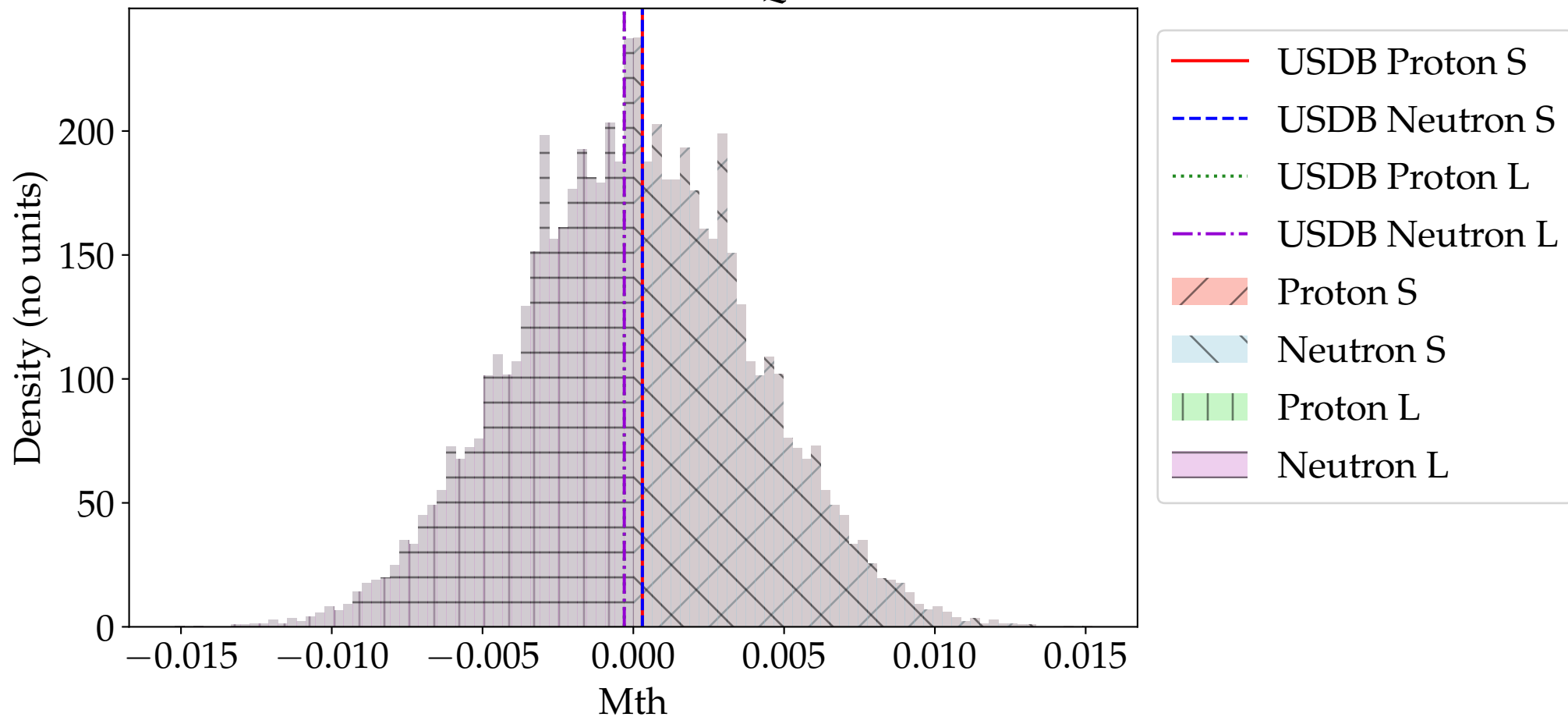
$^{18}\text{F} (3_4) \rightarrow (3_3)$
Included in UQ



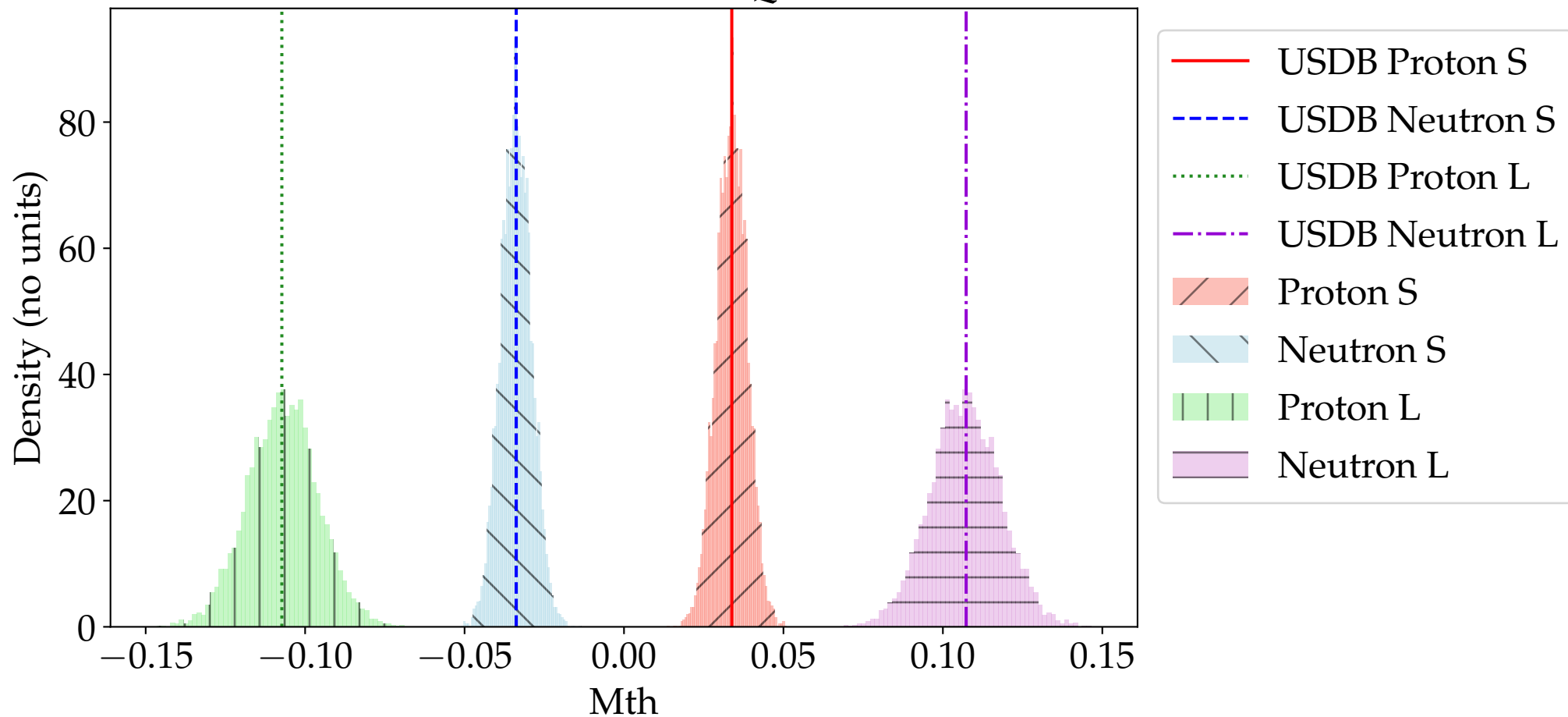
$^{18}\text{F} (3_4) \rightarrow (2_1)$
Included in UQ



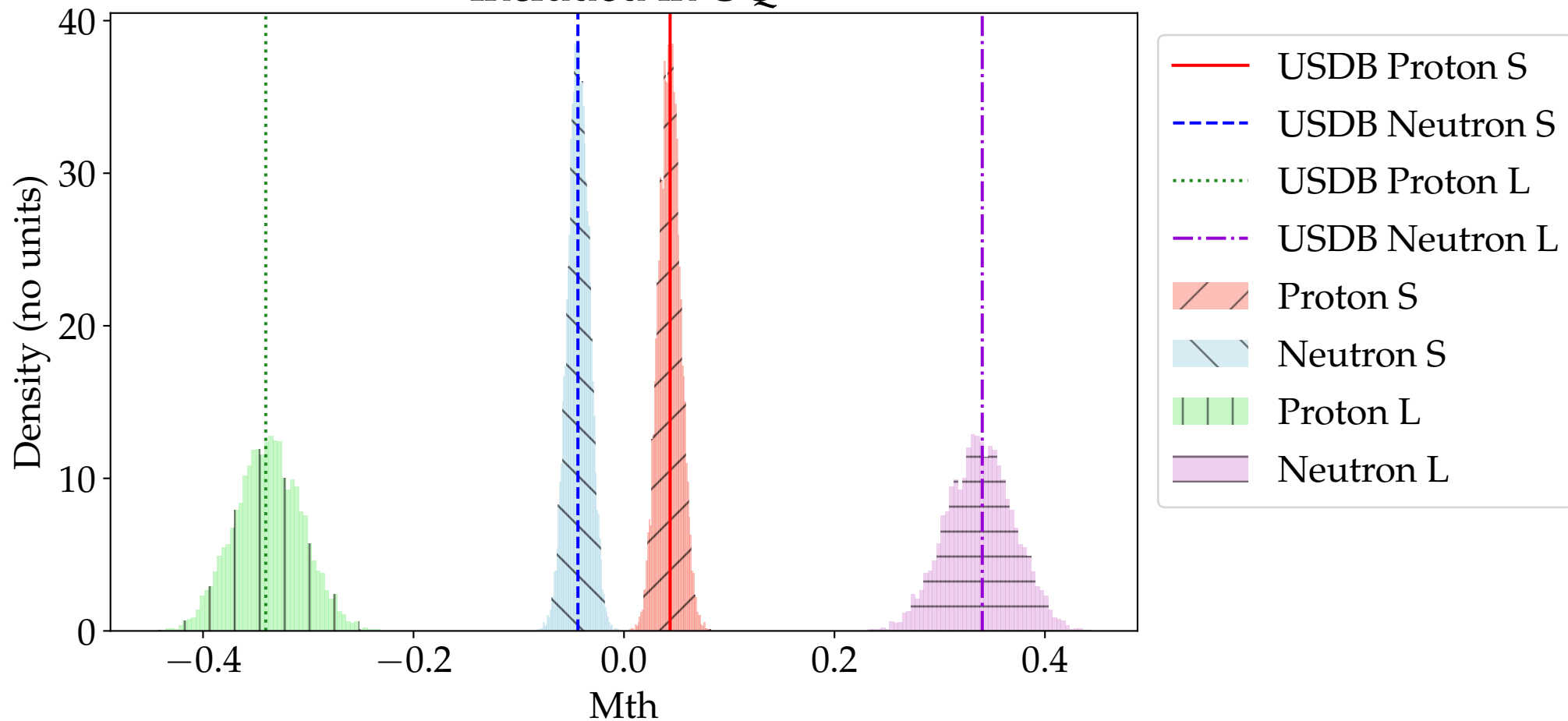
$^{18}\text{F} (3_4) \rightarrow (2_2)$
Included in UQ



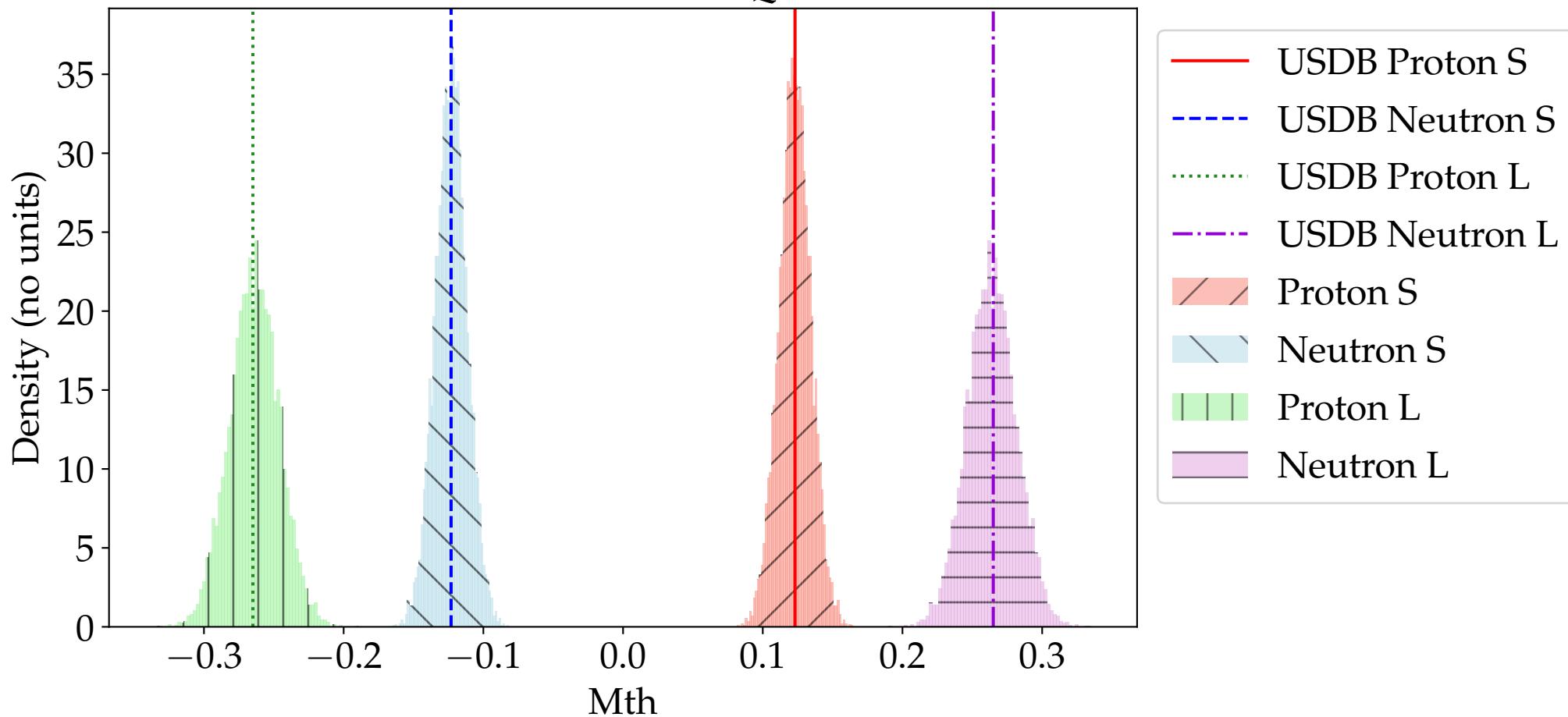
$^{18}\text{F} (3_4) \rightarrow (2_3)$
Included in UQ



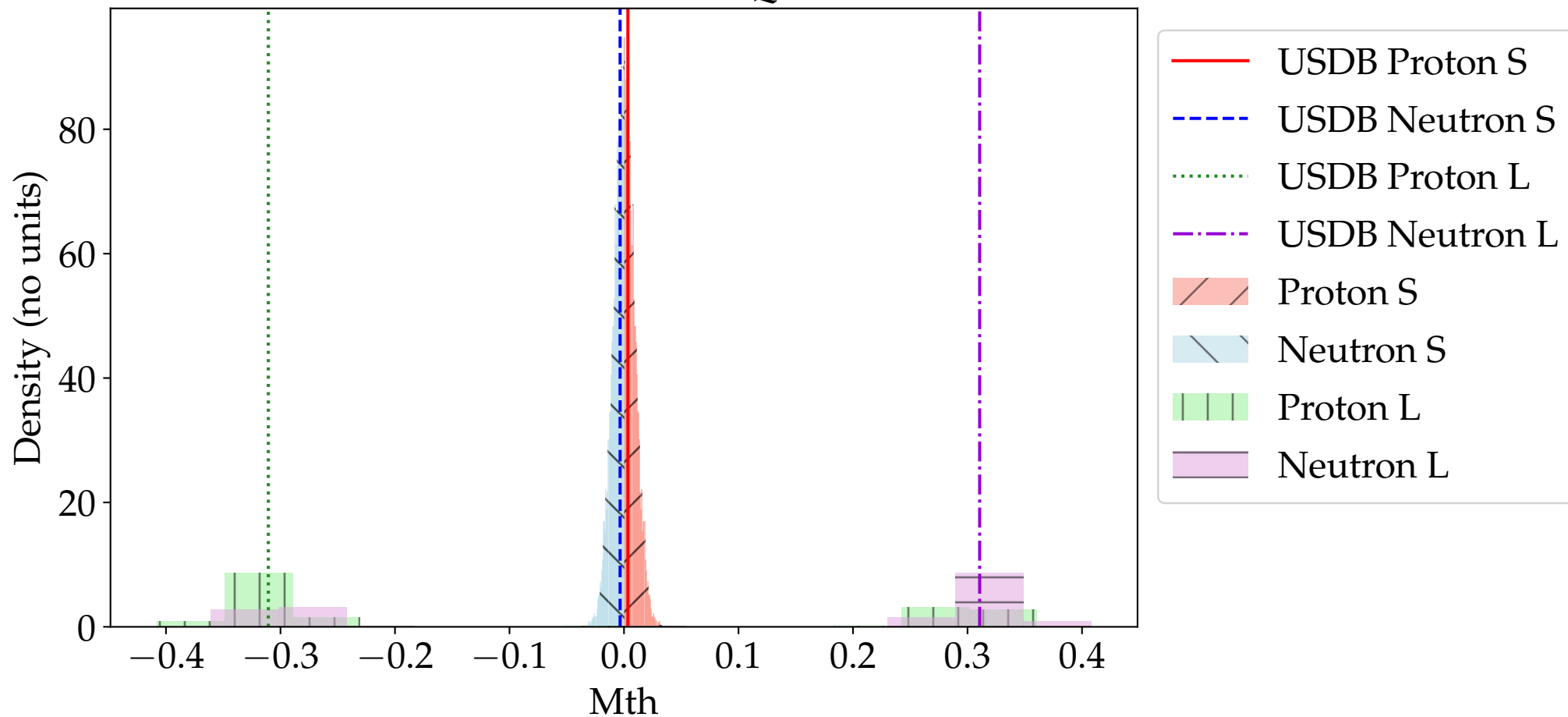
$^{18}\text{F} (2_5) \rightarrow (1_4)$
Included in UQ



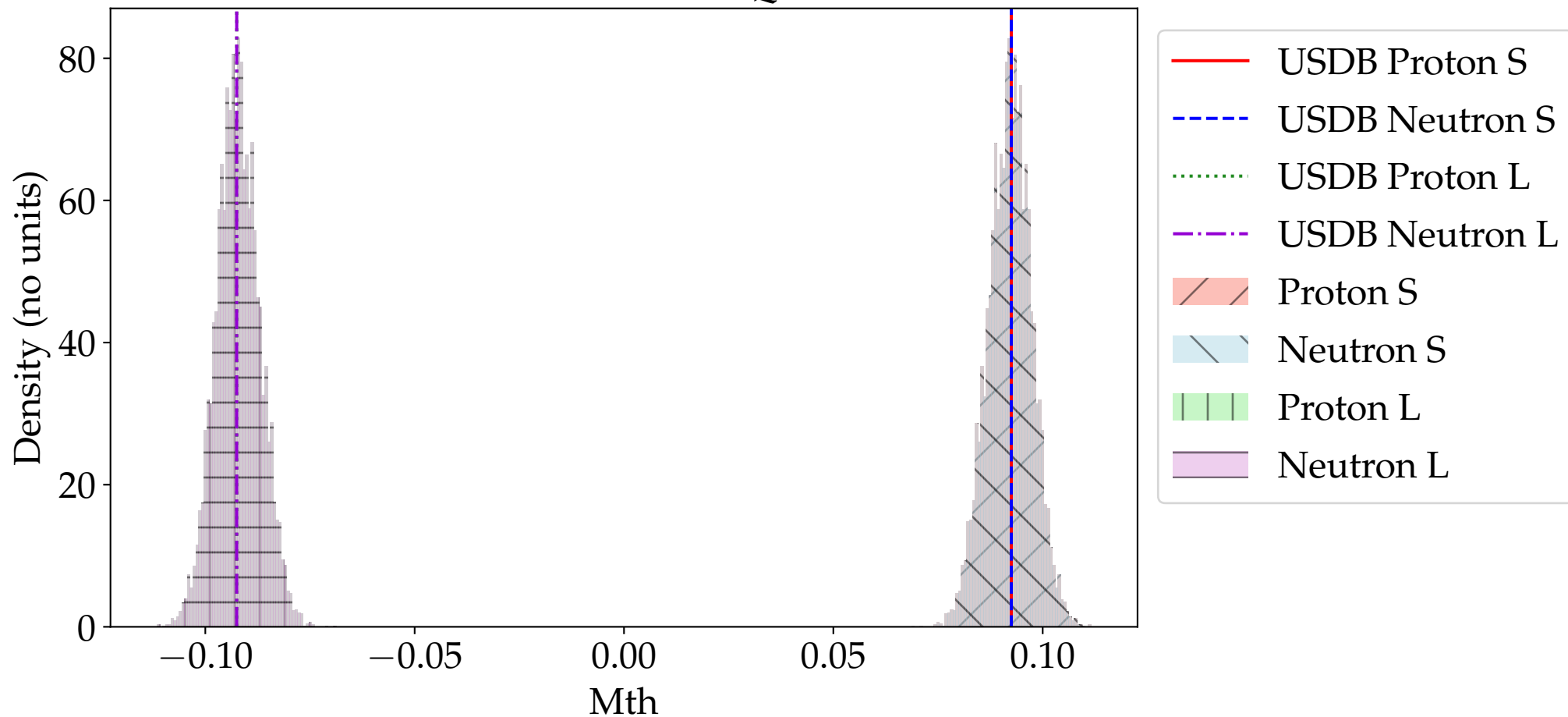
$^{18}\text{F} (2_5) \rightarrow (3_2)$
Included in UQ



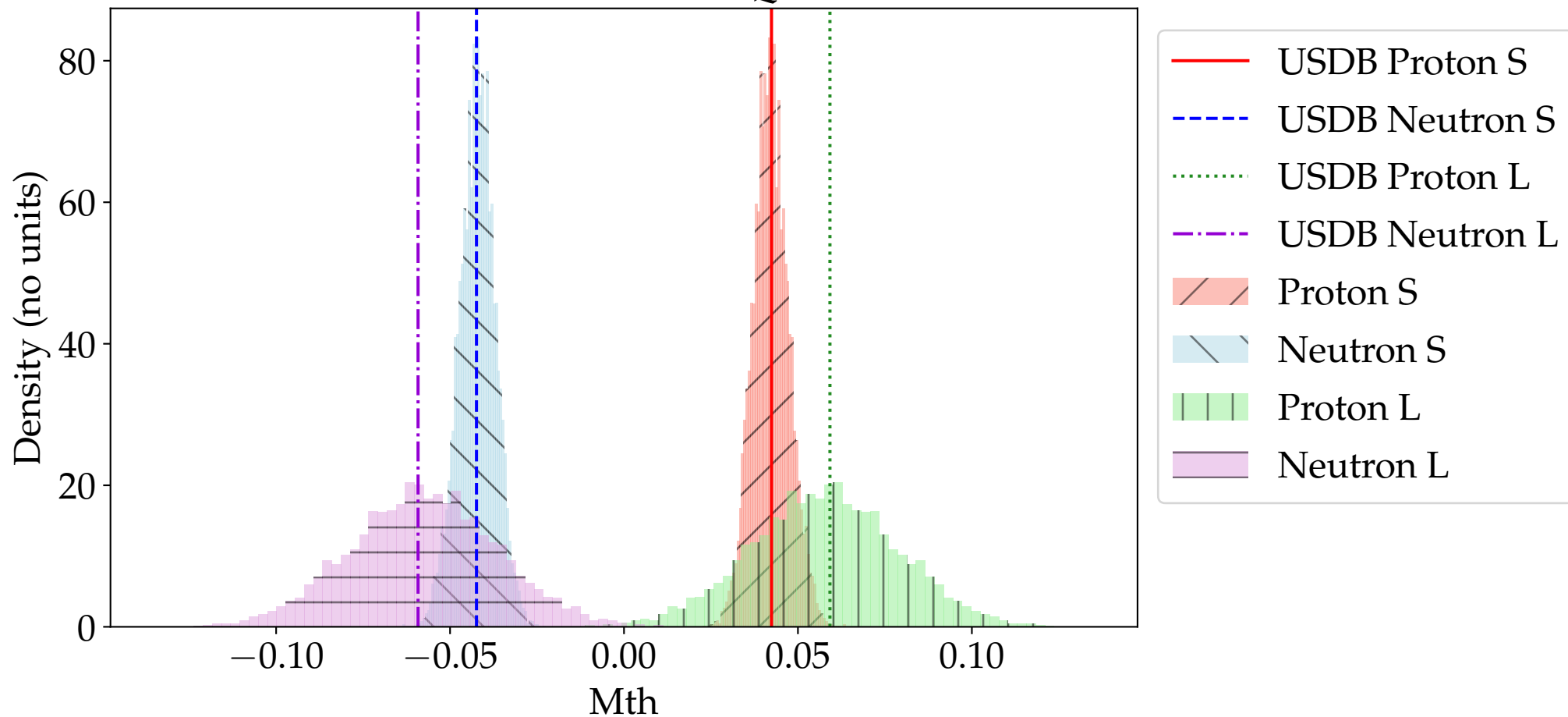
$^{18}\text{F} (2_5) \rightarrow (1_3)$
Included in UQ



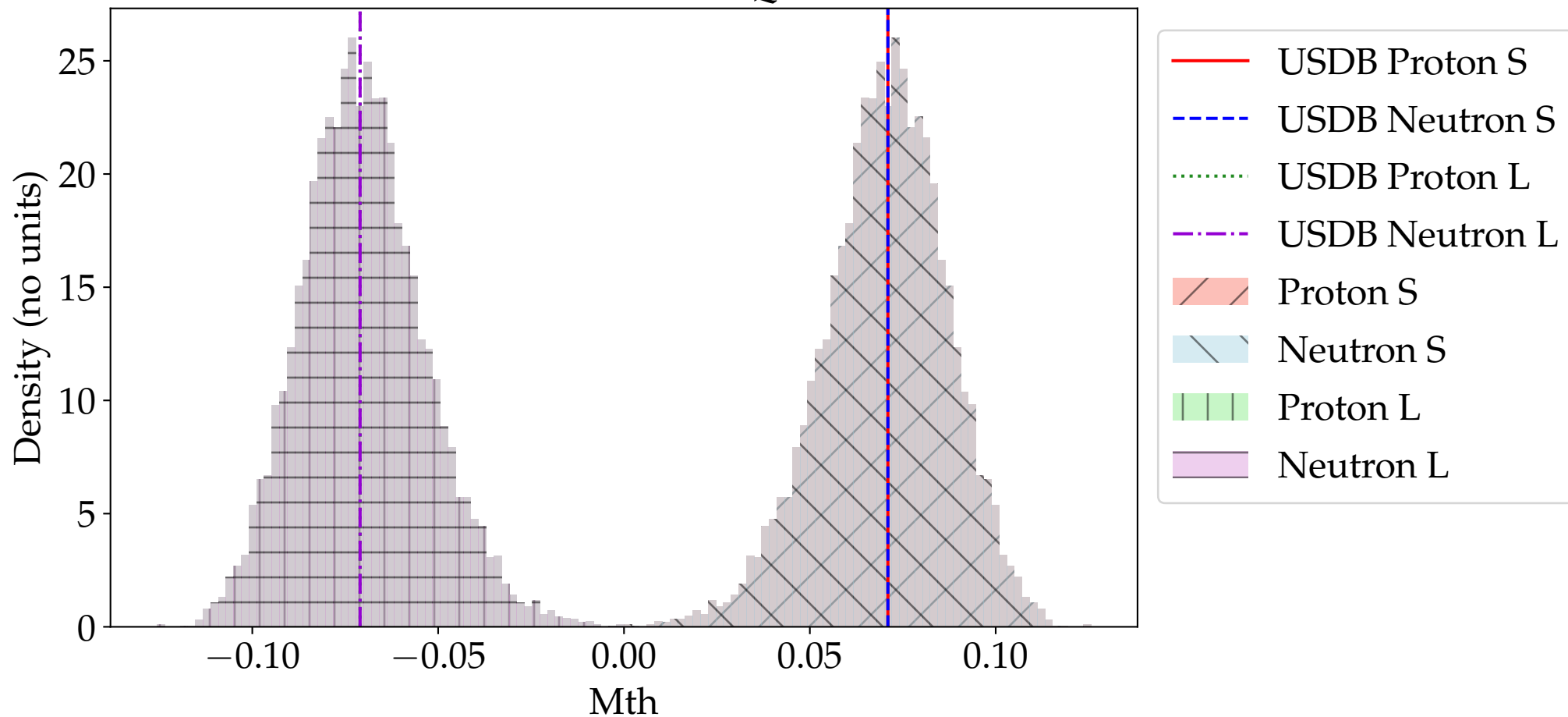
$^{18}\text{F} (2_5) \rightarrow (2_3)$
Included in UQ



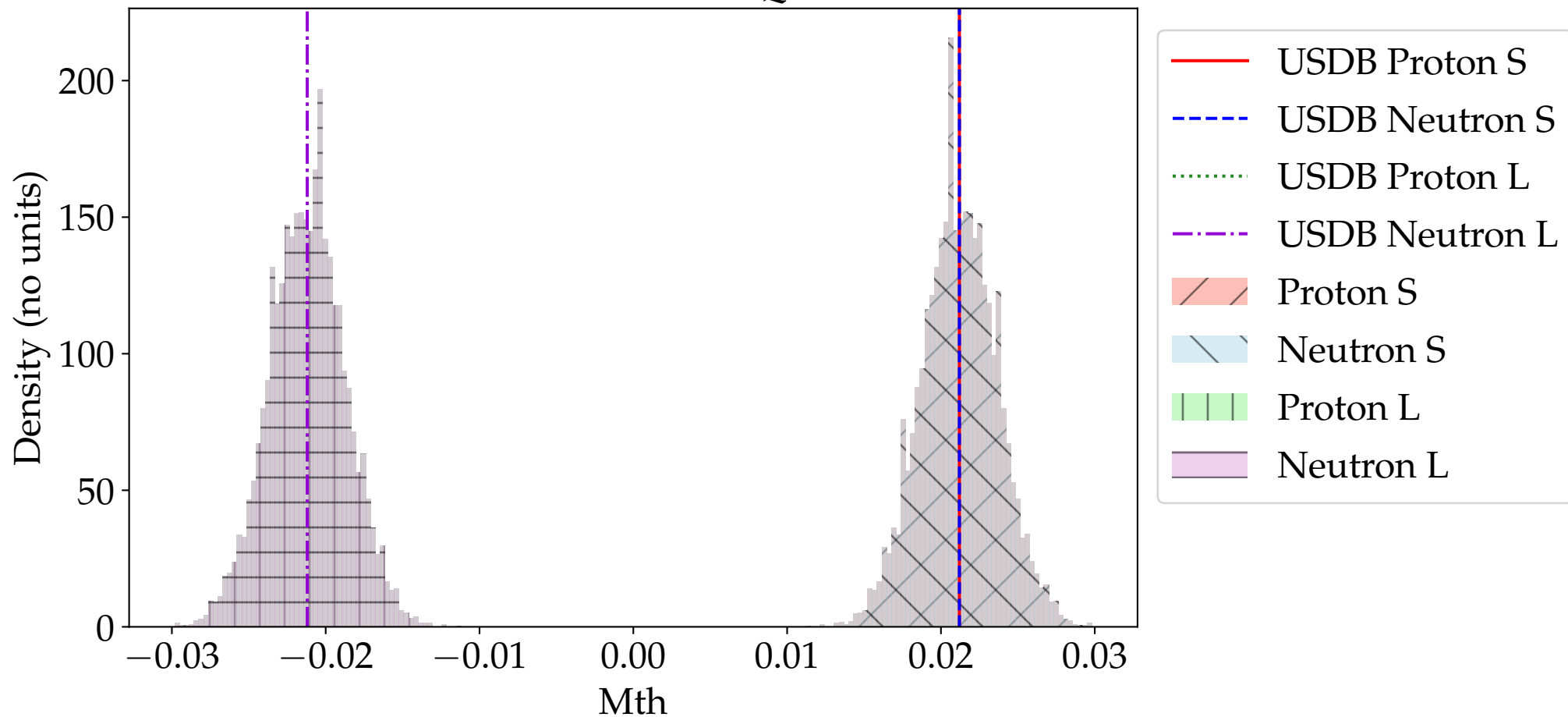
$^{18}\text{F} (2_5) \rightarrow (1_2)$
Included in UQ



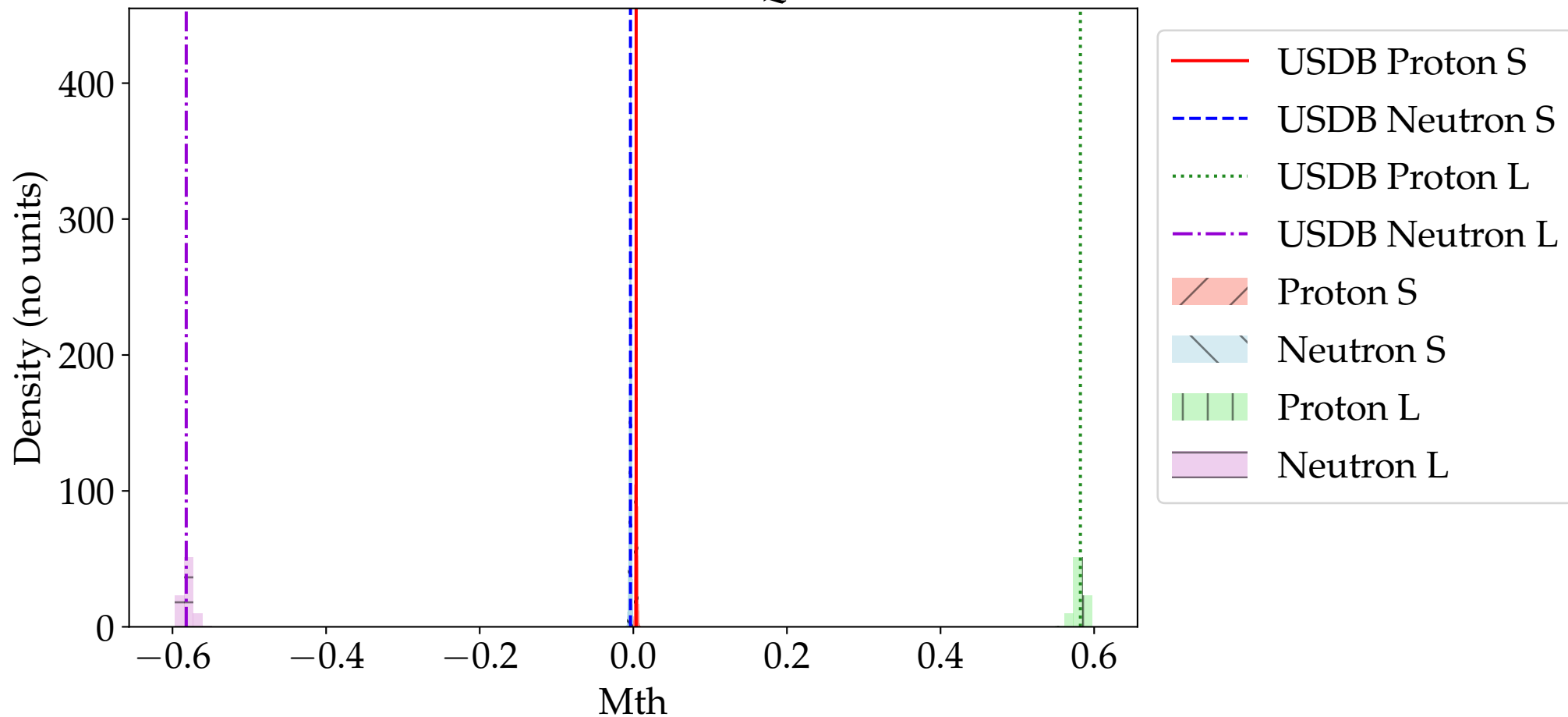
$^{18}\text{F} (2_5) \rightarrow (3_3)$
Included in UQ



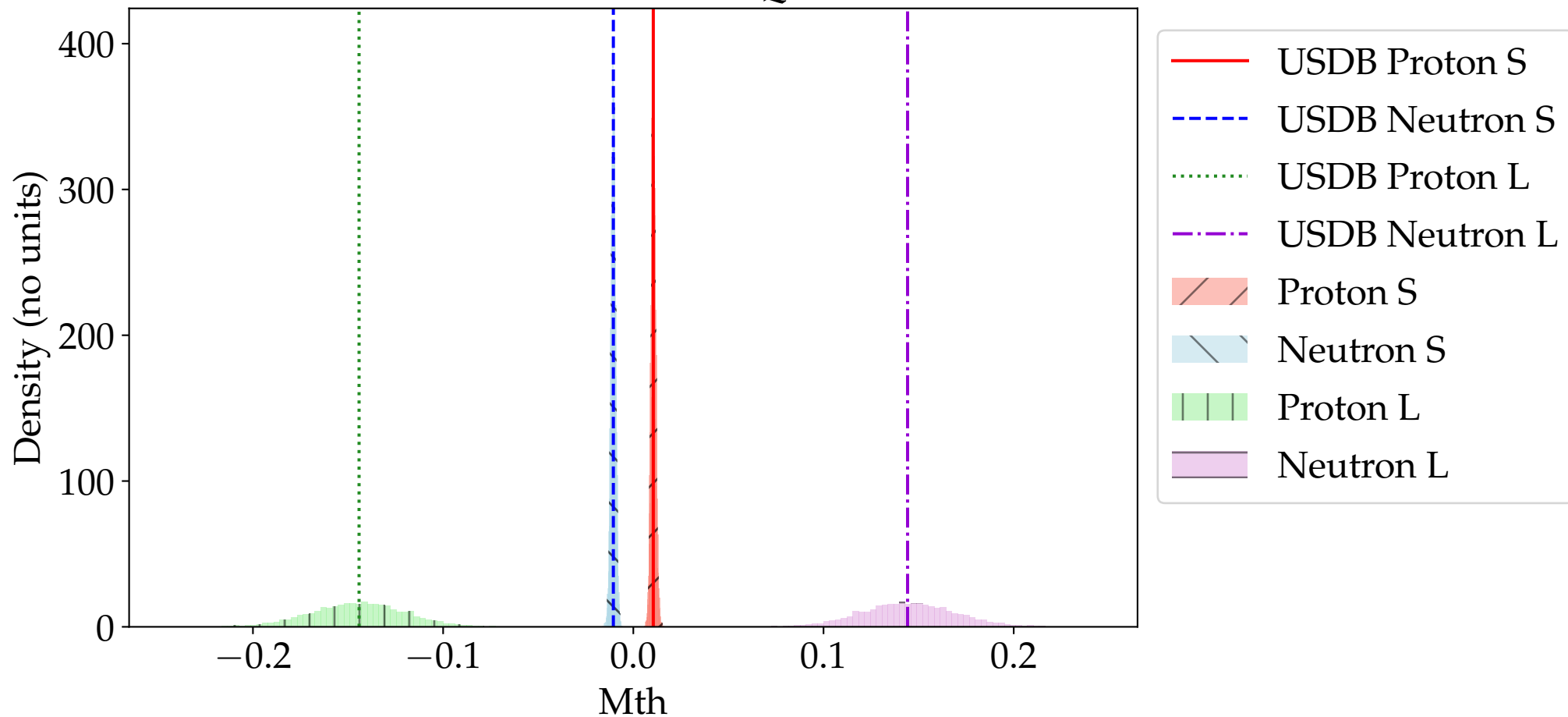
$^{18}\text{F} (3_5) \rightarrow (3_3)$
Included in UQ



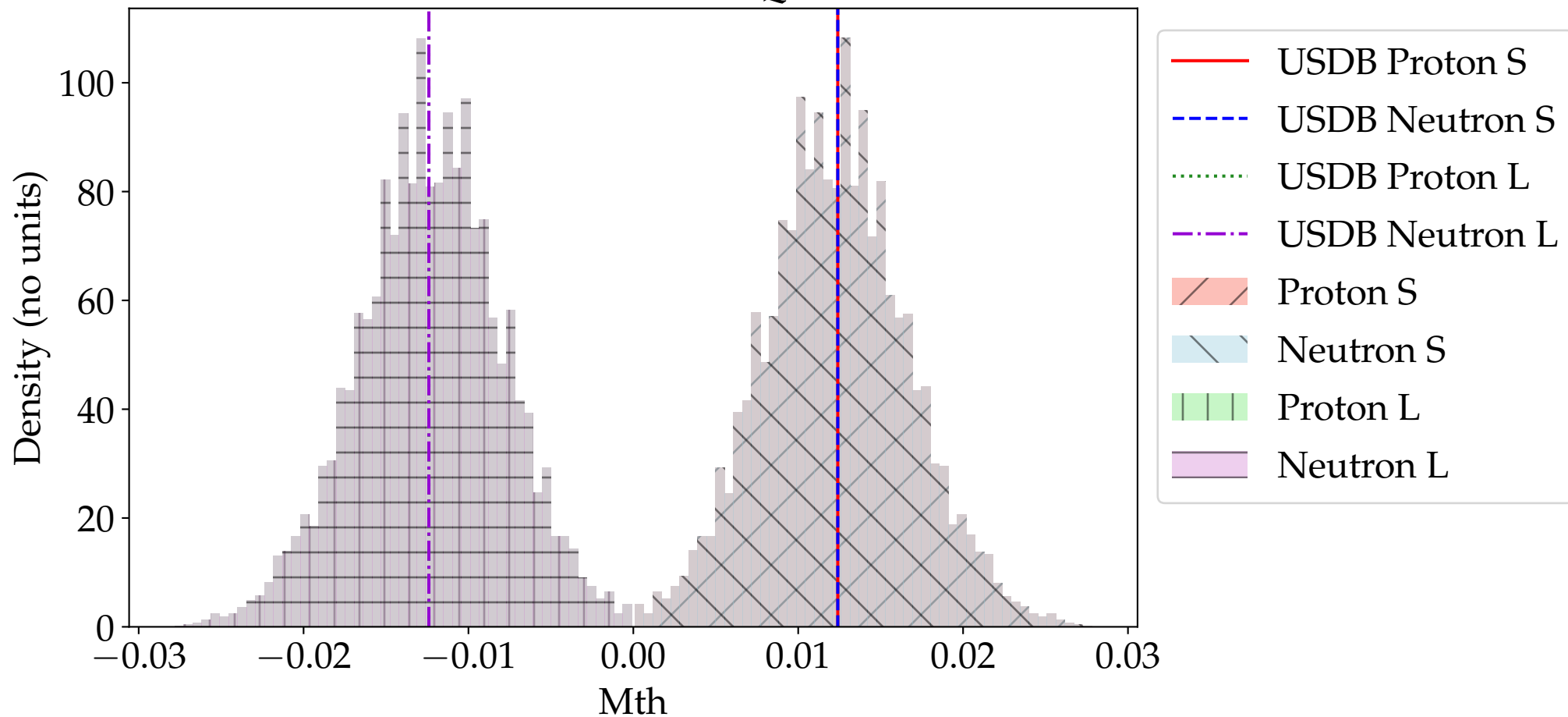
$^{18}\text{F} (3_5) \rightarrow (2_4)$
Included in UQ



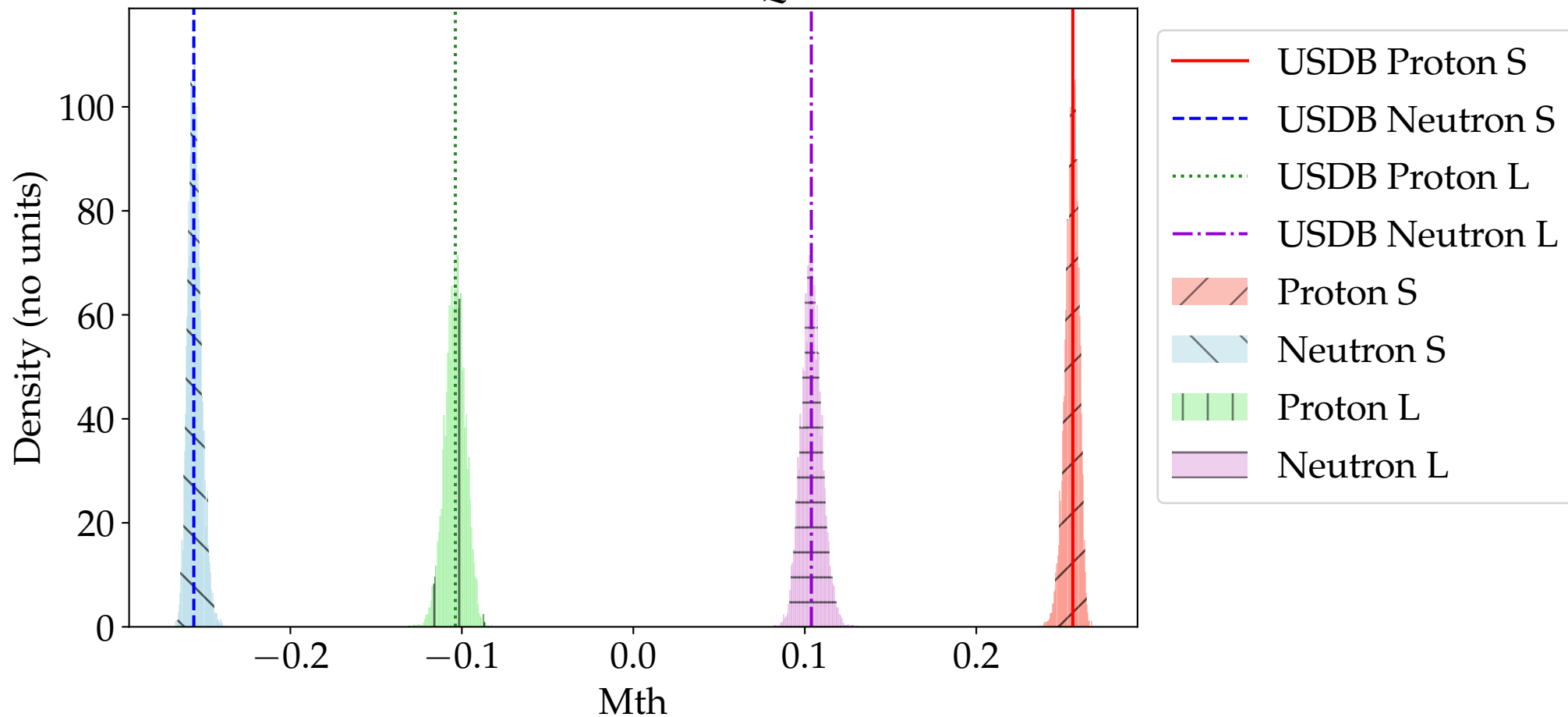
$^{18}\text{F} (3_5) \rightarrow (2_2)$
Included in UQ



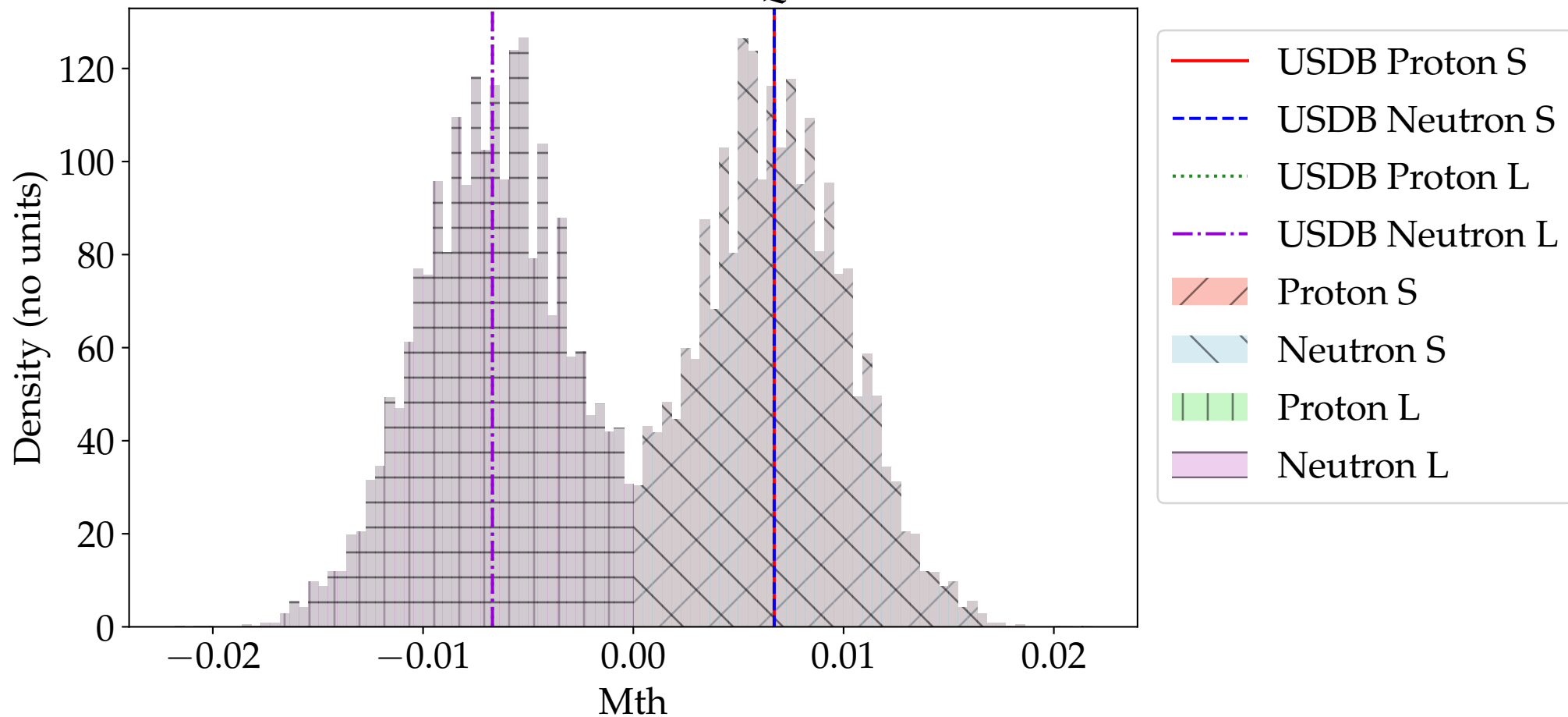
$^{18}\text{F} (2_6) \rightarrow (1_2)$
Included in UQ



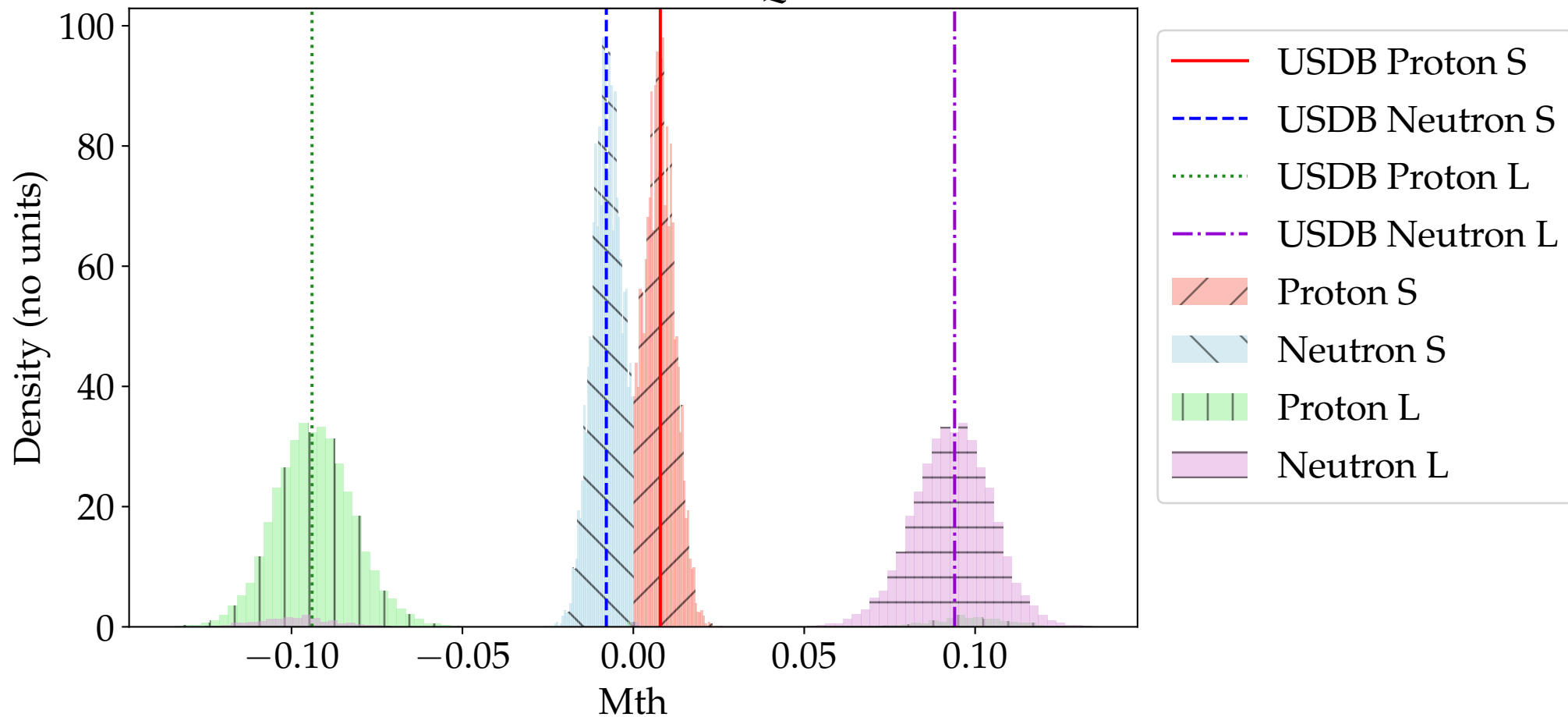
$^{18}\text{F} (2_6) \rightarrow (3_3)$
Included in UQ



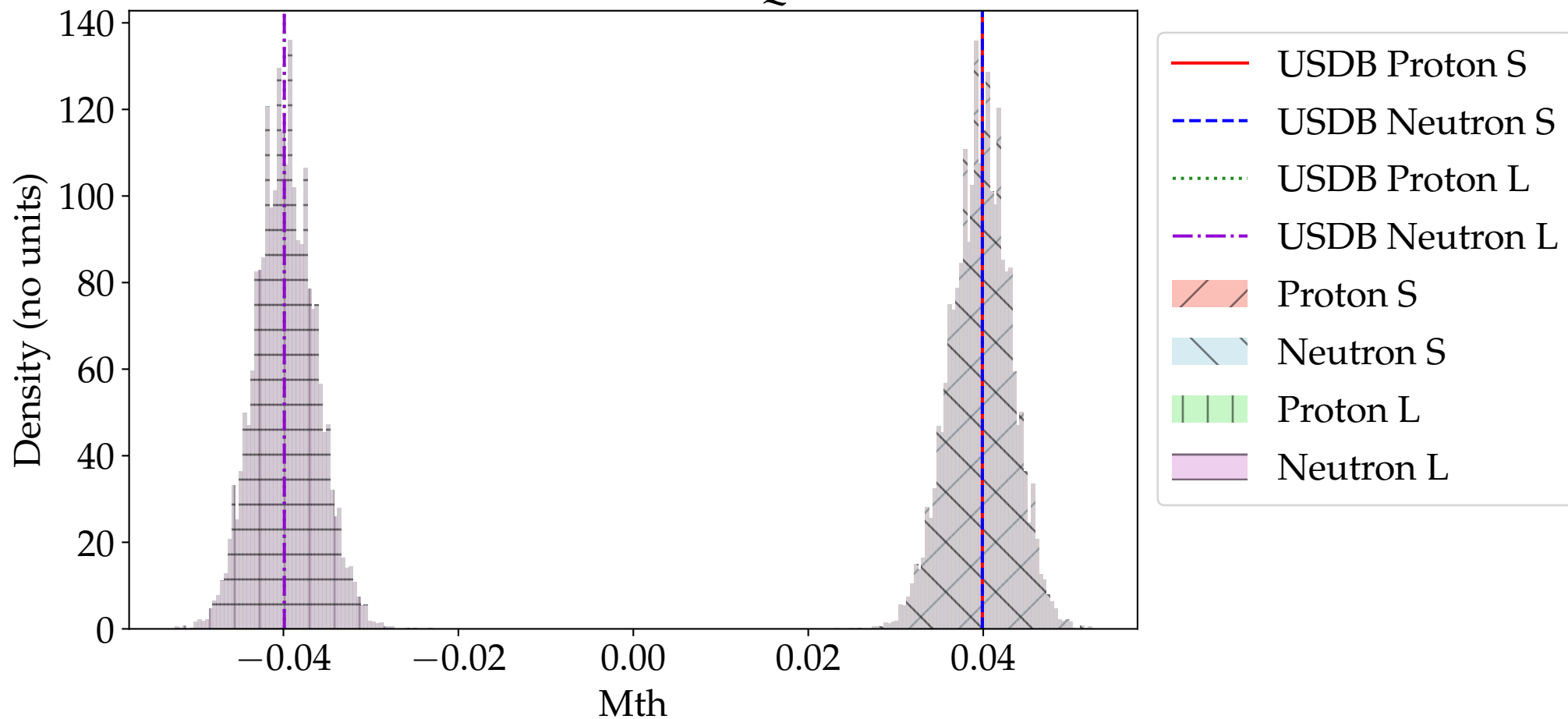
$^{18}\text{F} (3_6) \rightarrow (2_2)$
Included in UQ



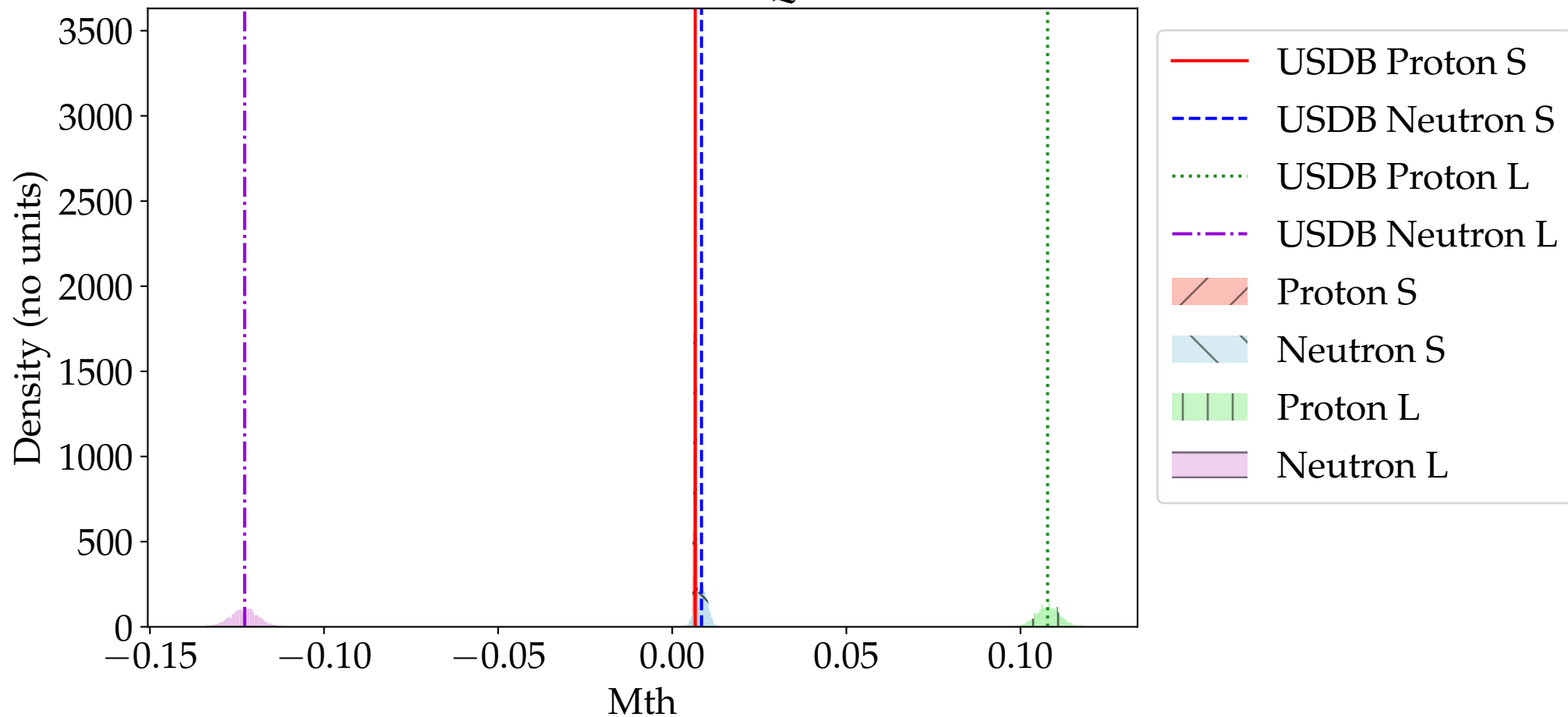
$^{18}\text{F} (3_6) \rightarrow (2_3)$
Included in UQ



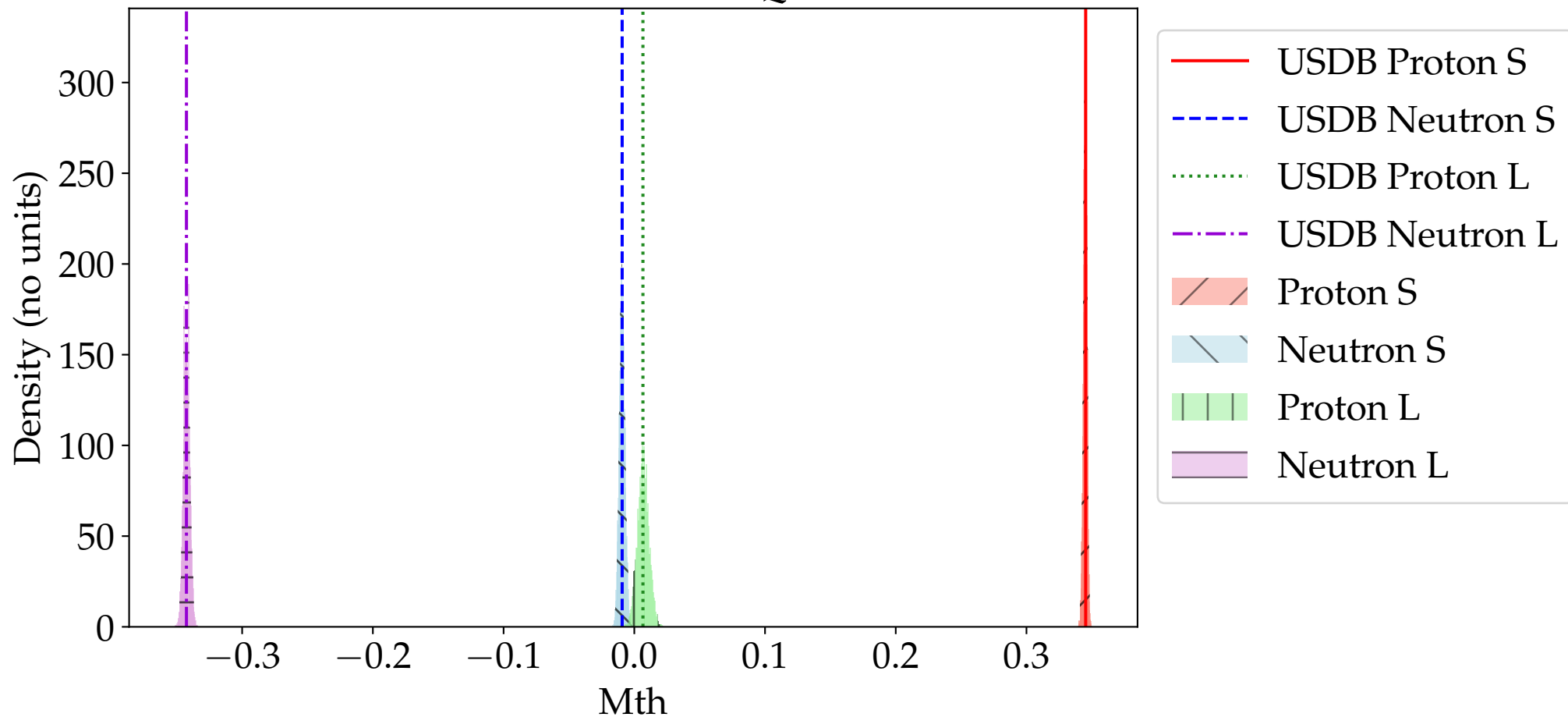
$^{18}\text{F} (3_6) \rightarrow (2_4)$
Included in UQ



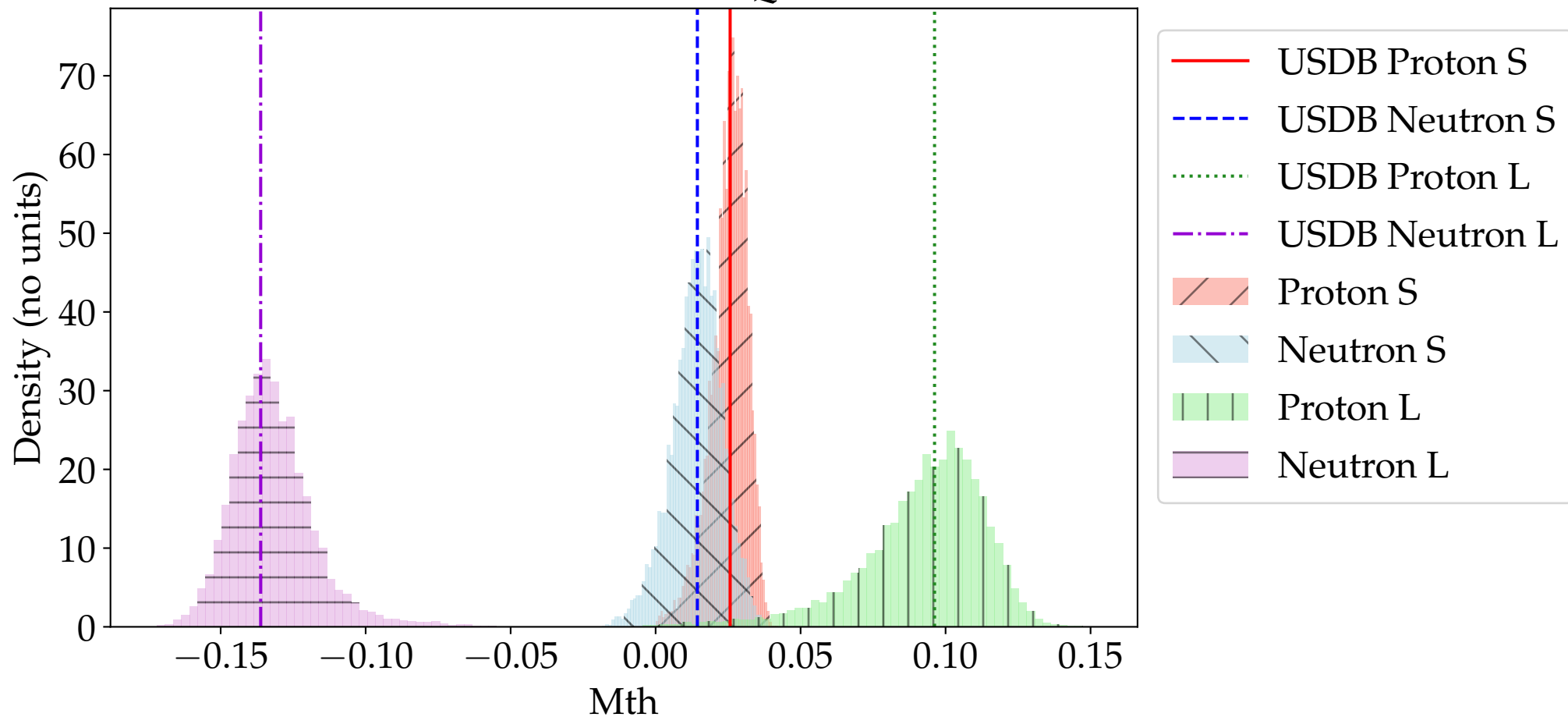
$^{19}\text{F} (3/2_1) \rightarrow (1/2_1)$
Included in UQ



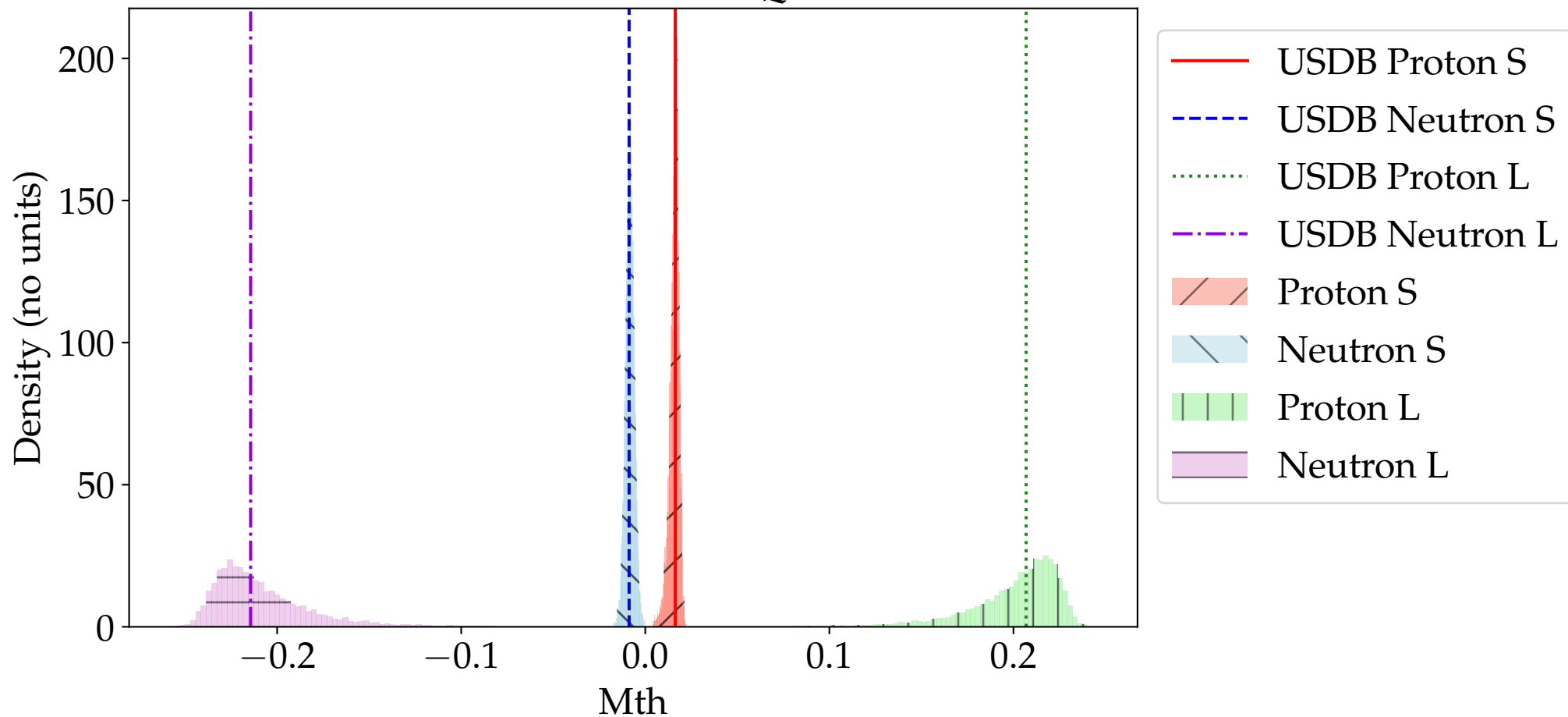
$^{19}\text{F} (3/2_1) \rightarrow (5/2_1)$
Included in UQ



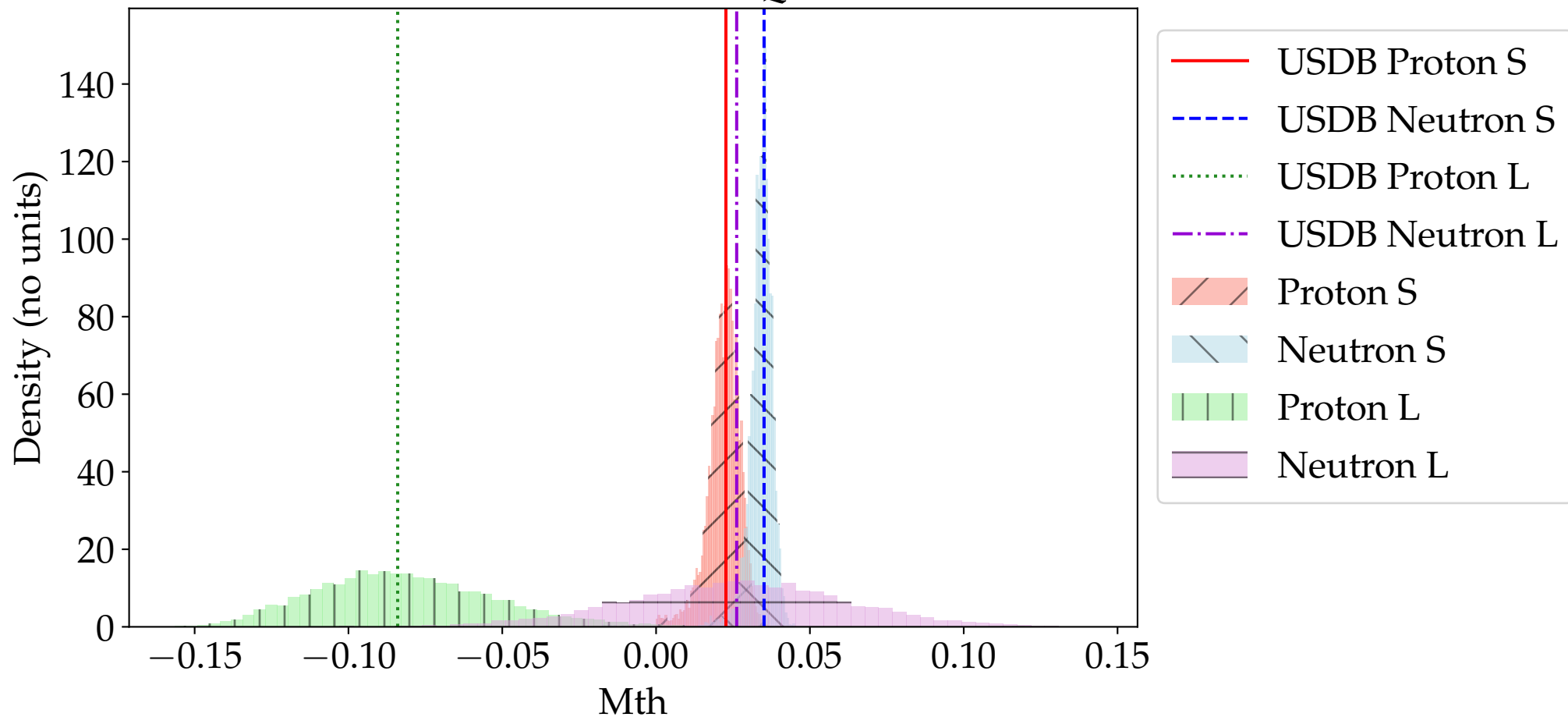
$^{19}\text{F} (3/2_2) \rightarrow (3/2_1)$
Included in UQ



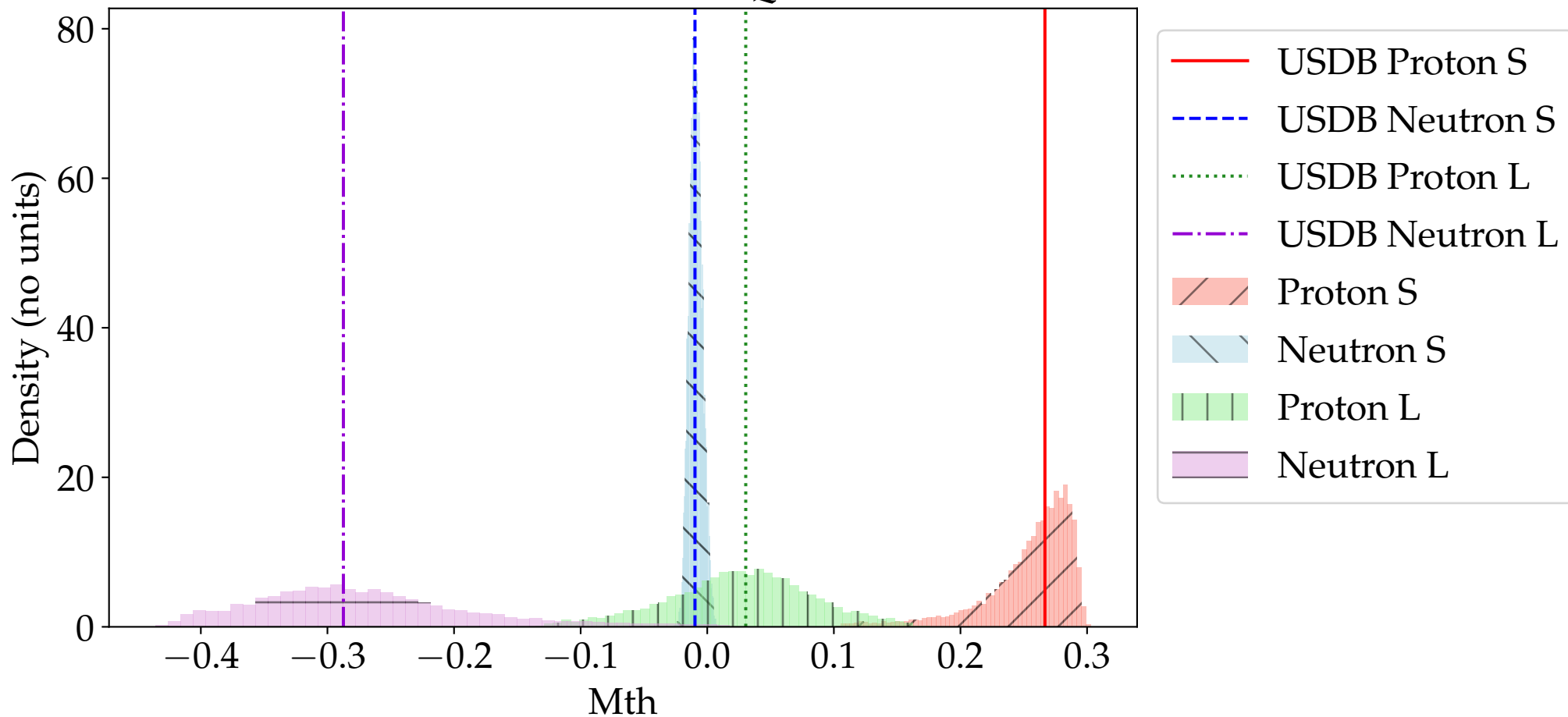
$^{19}\text{F} (3/2_2) \rightarrow (1/2_1)$
Included in UQ



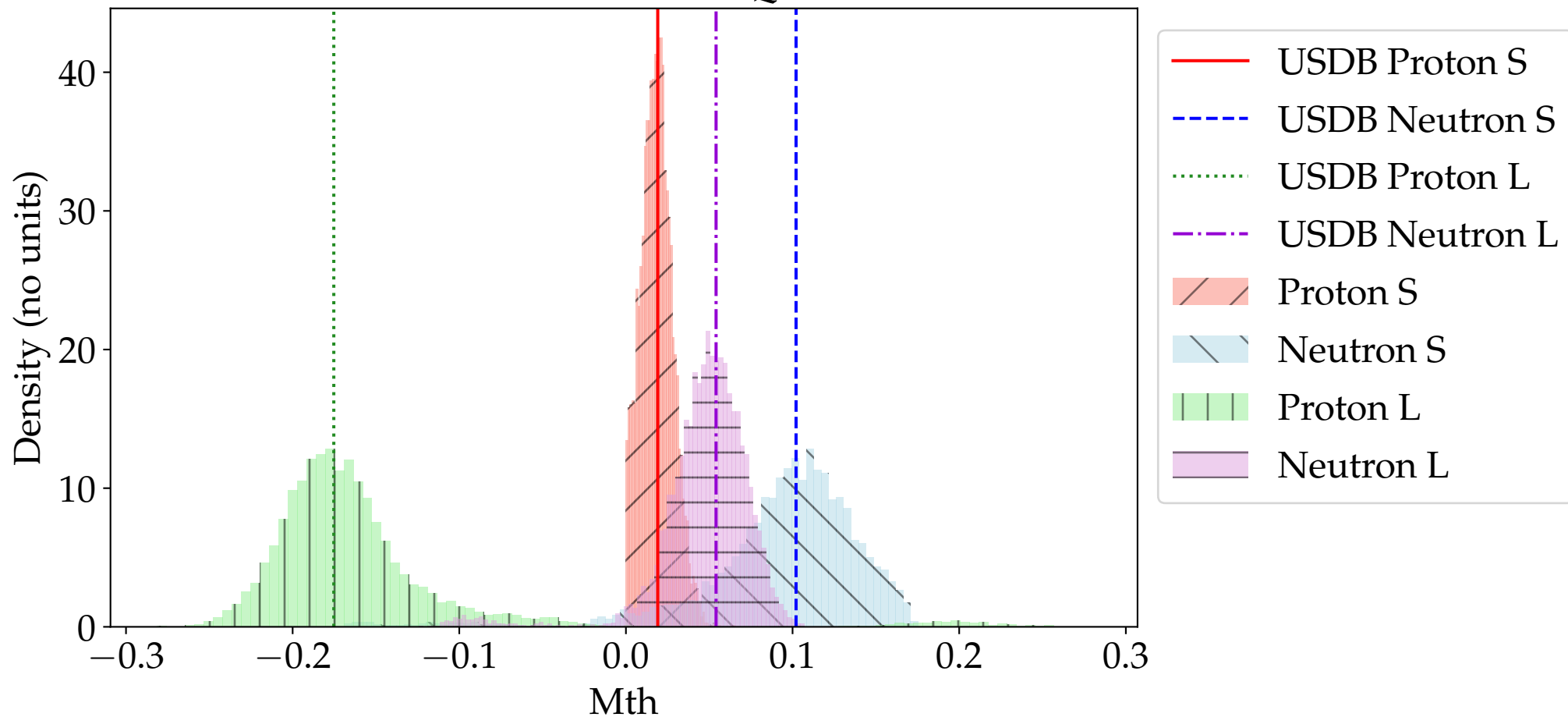
$^{19}\text{F} (3/2_3) \rightarrow (3/2_1)$
Included in UQ



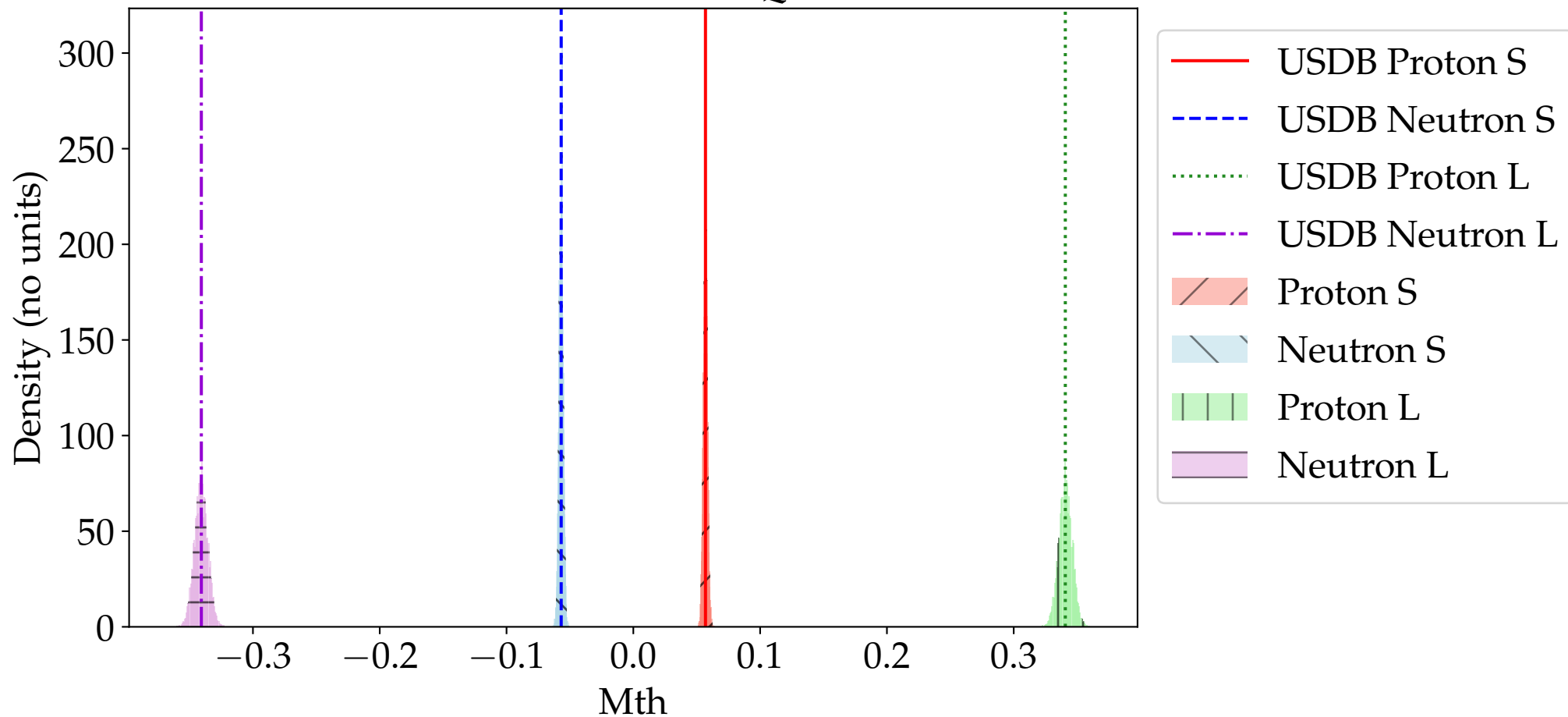
$^{19}\text{F} (7/2_3) \rightarrow (9/2_1)$
Included in UQ



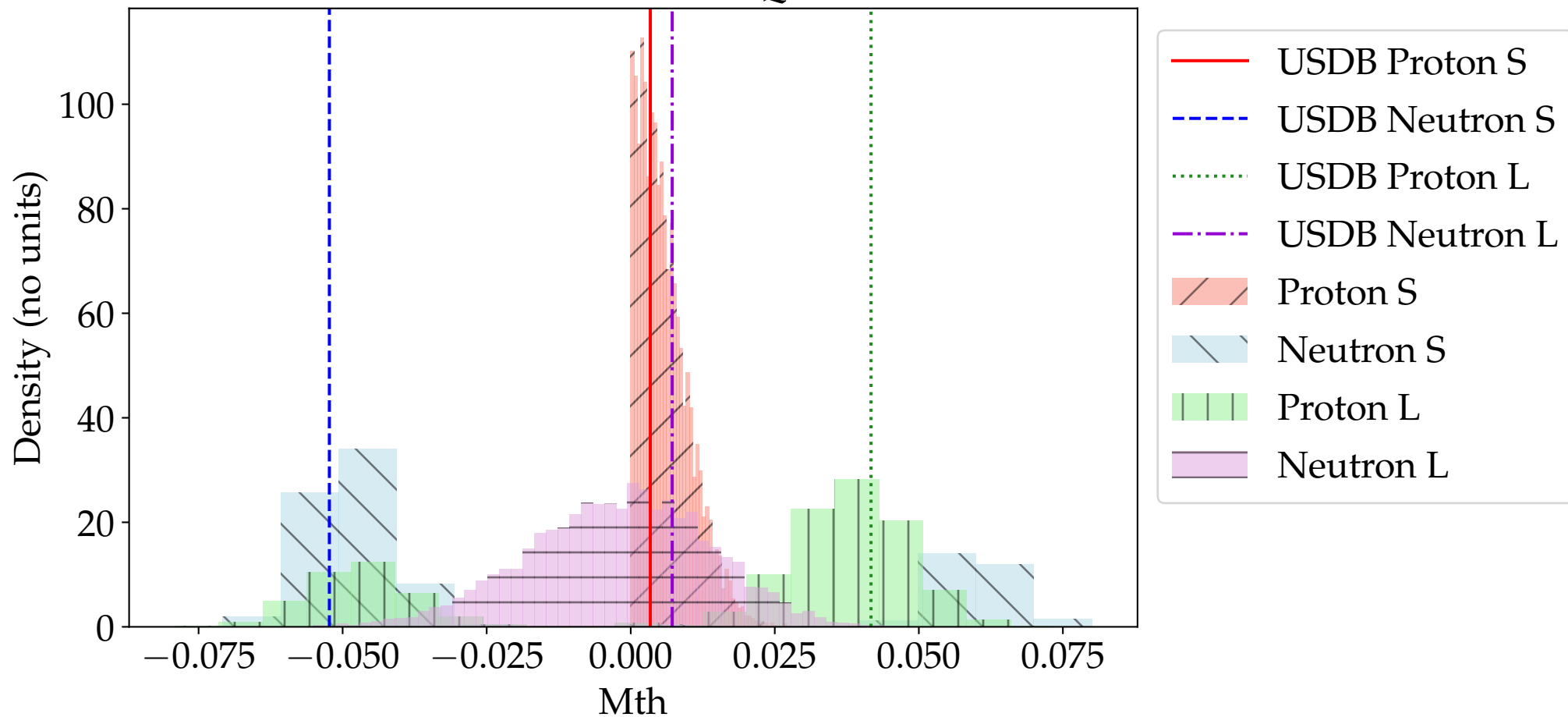
$^{19}\text{F} (7/2_3) \rightarrow (7/2_1)$
Included in UQ



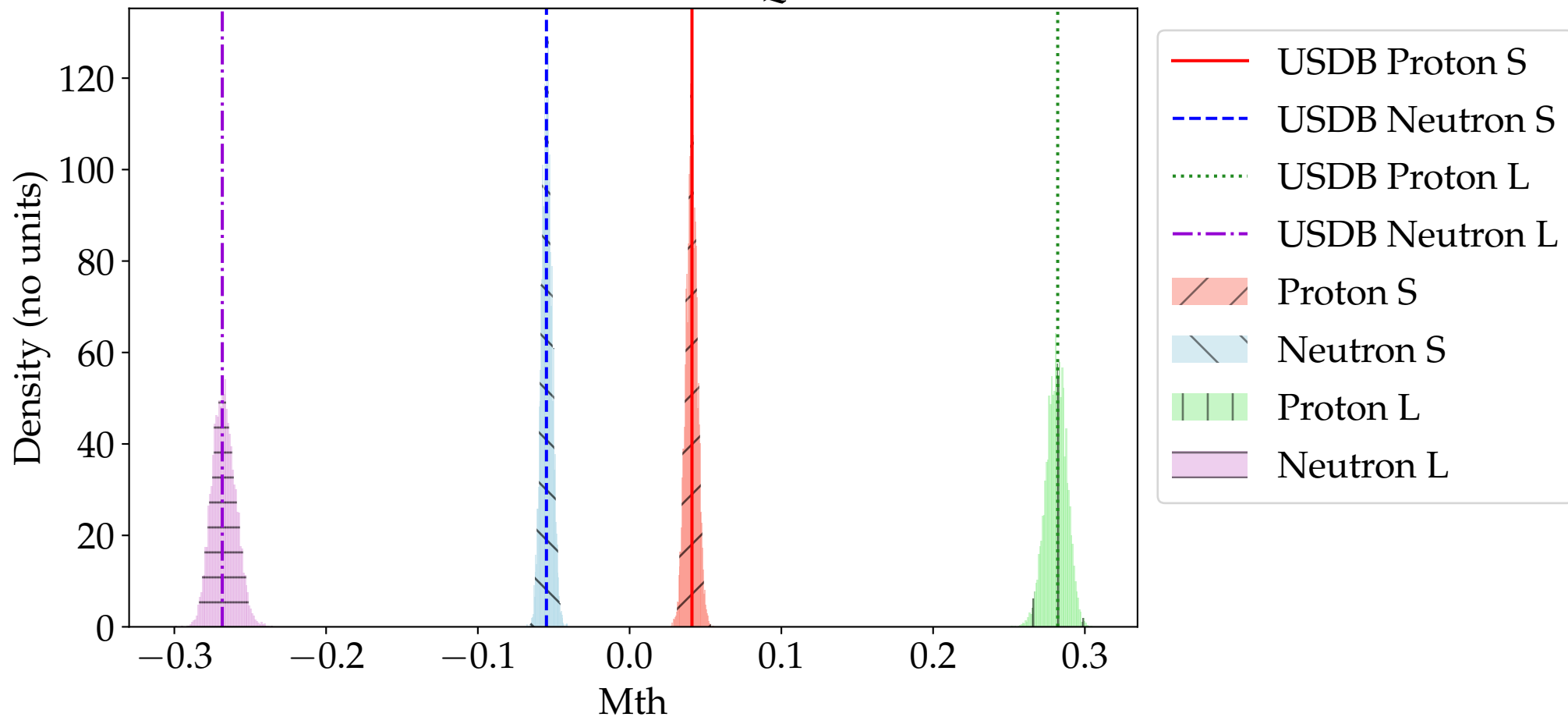
$^{19}\text{F} (5/2_5) \rightarrow (3/2_1)$
Included in UQ



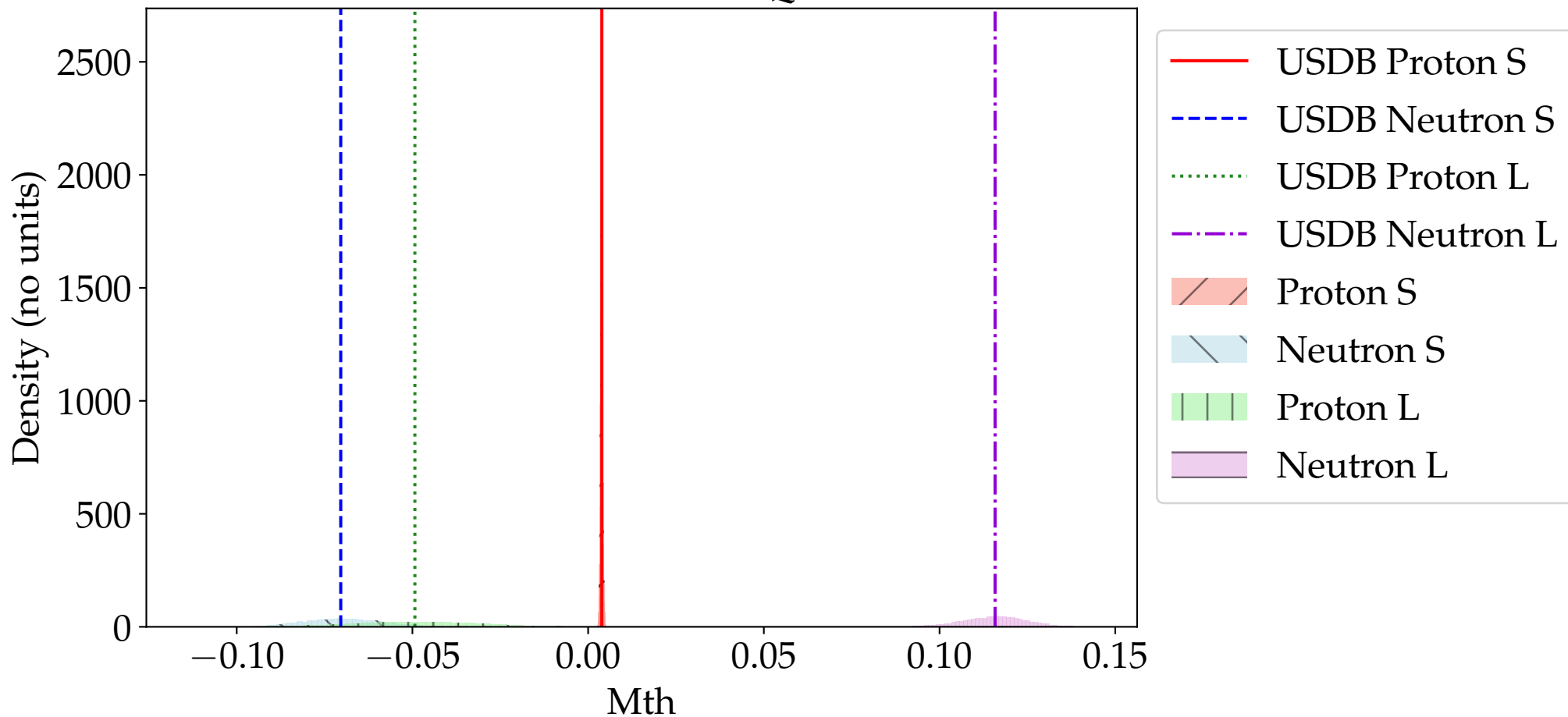
$^{19}\text{F} (7/2_4) \rightarrow (7/2_1)$
Included in UQ



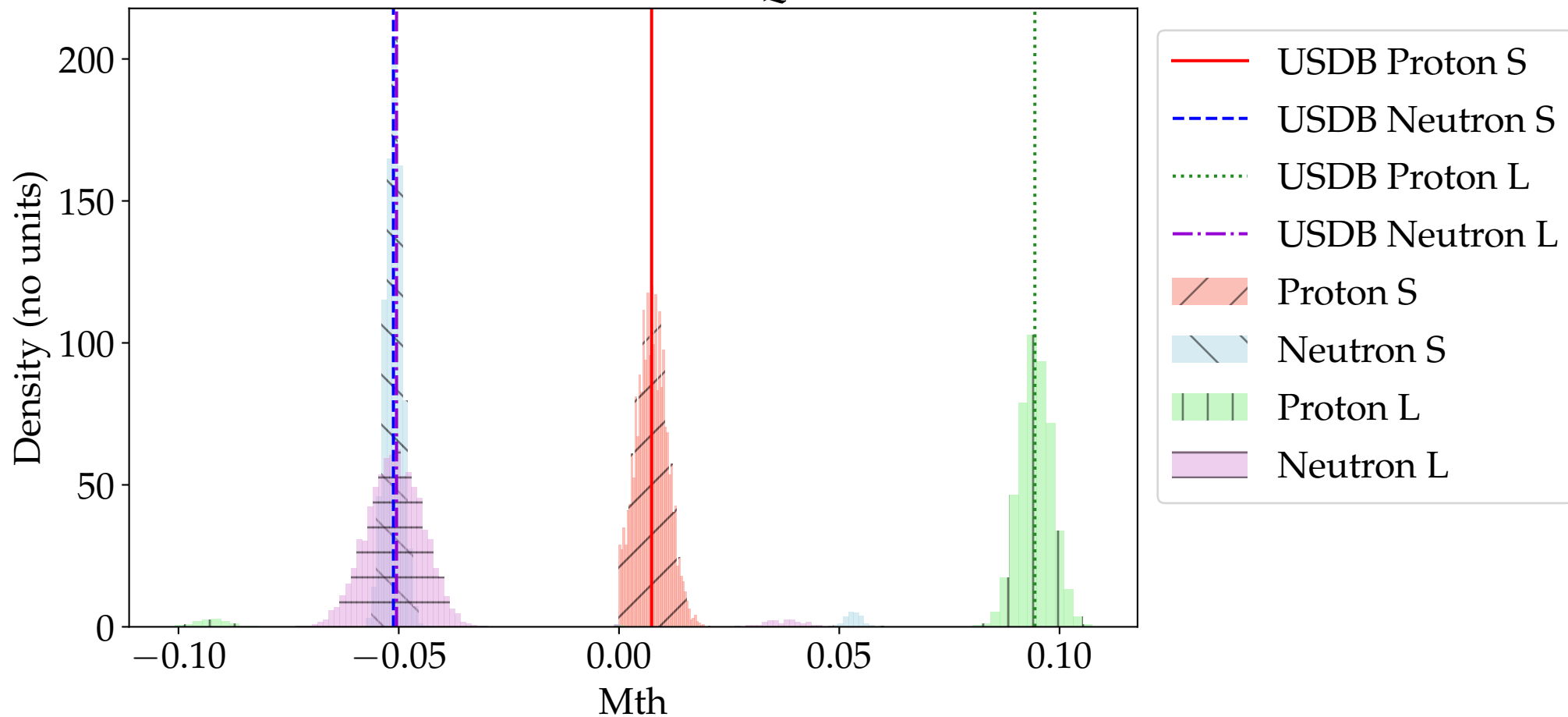
$^{19}\text{F} (9/2_2) \rightarrow (7/2_1)$
Included in UQ



$^{19}\text{F} (9/2_2) \rightarrow (9/2_1)$
Included in UQ



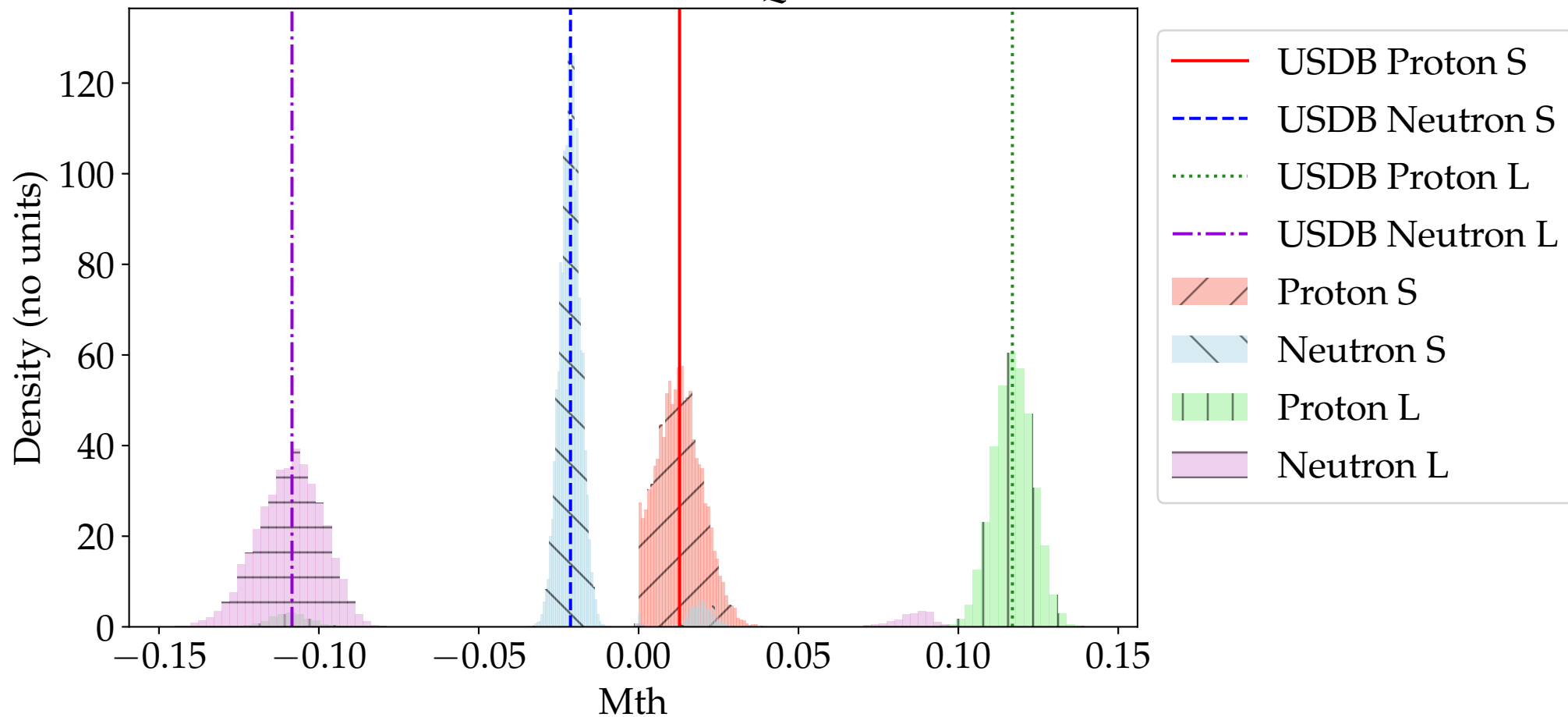
$^{20}\text{F} (4_1) \rightarrow (3_1)$
Included in UQ



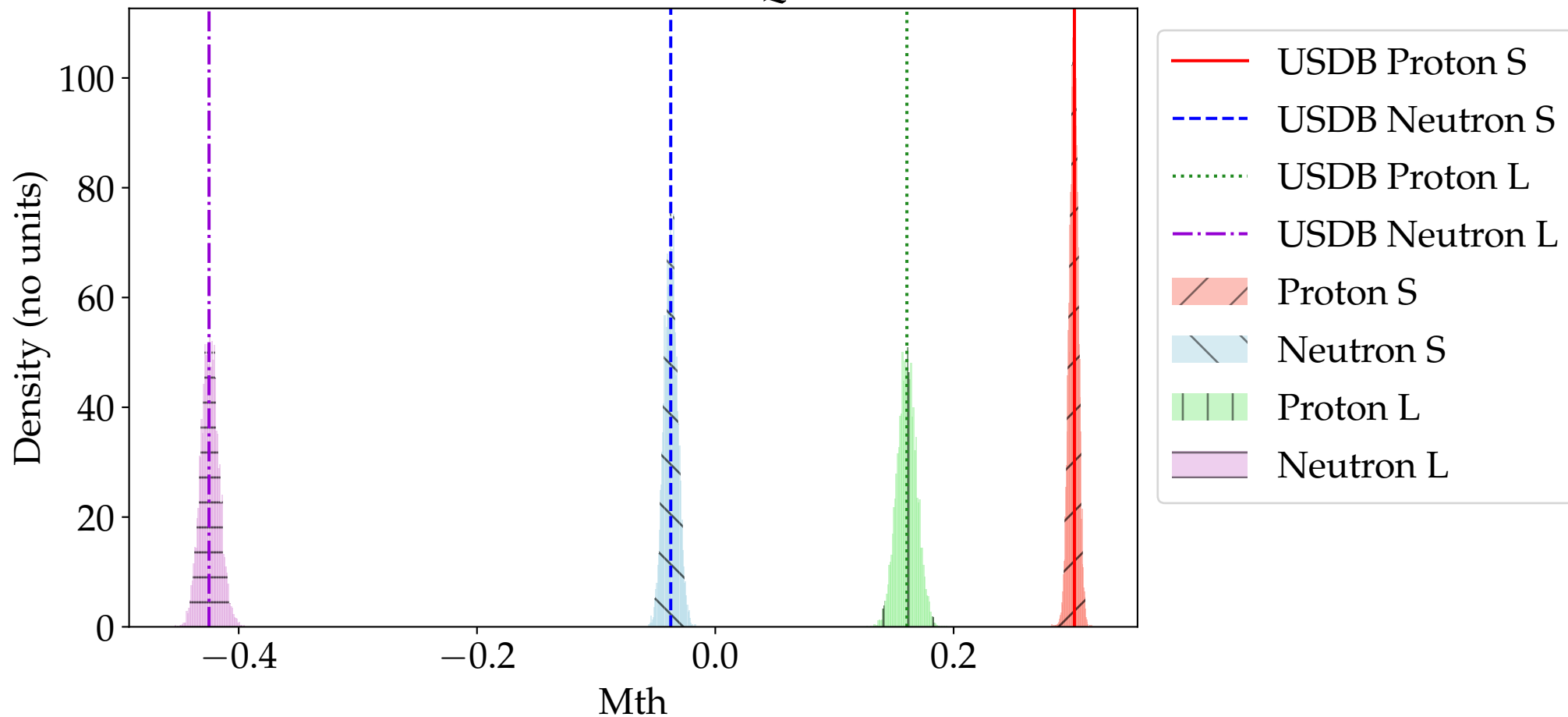
Included in UQ



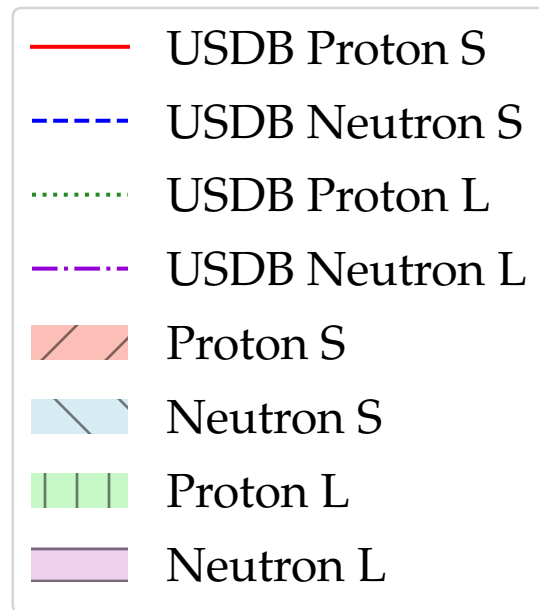
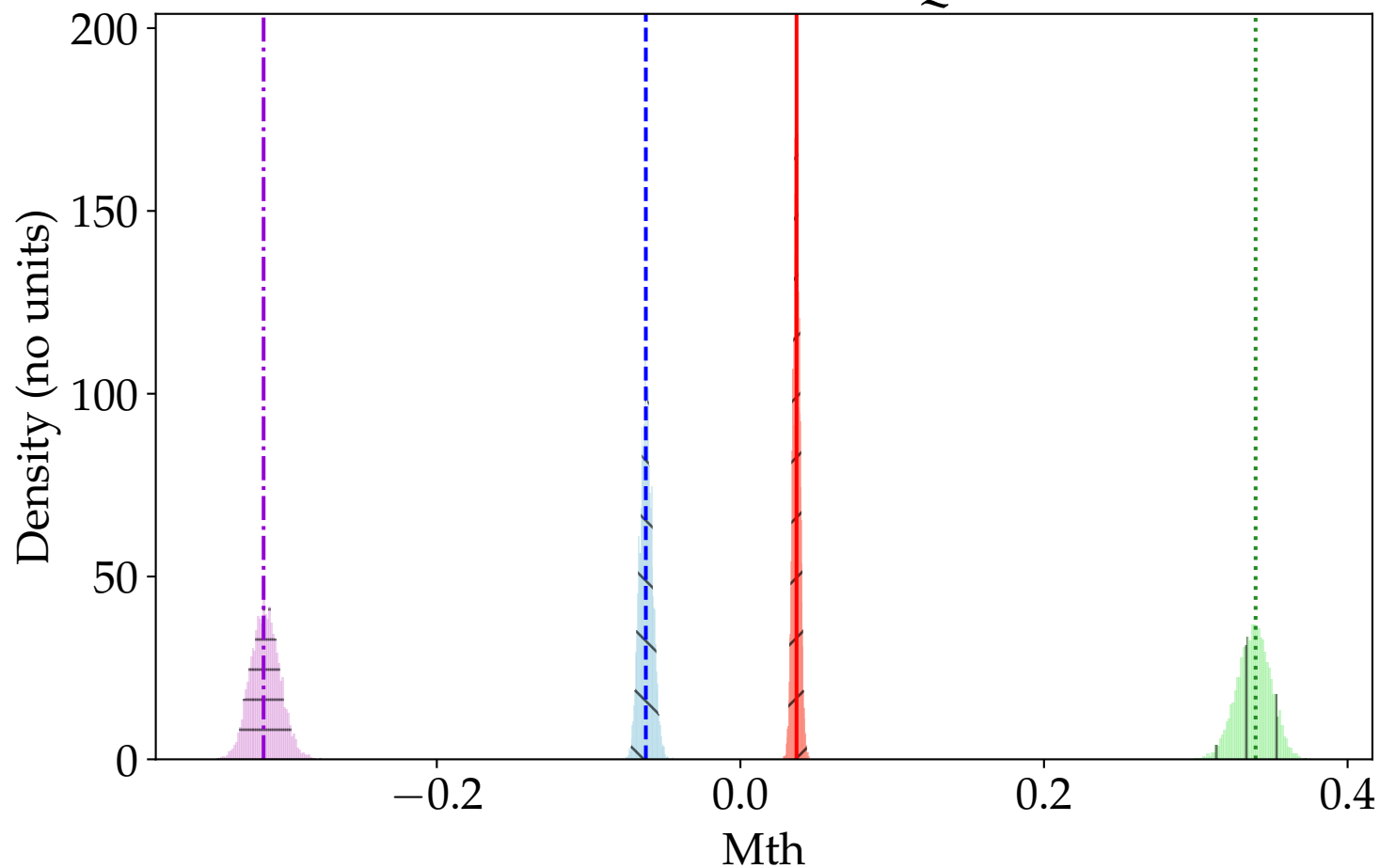
$^{20}\text{F} (2_2) \rightarrow (2_1)$
Included in UQ



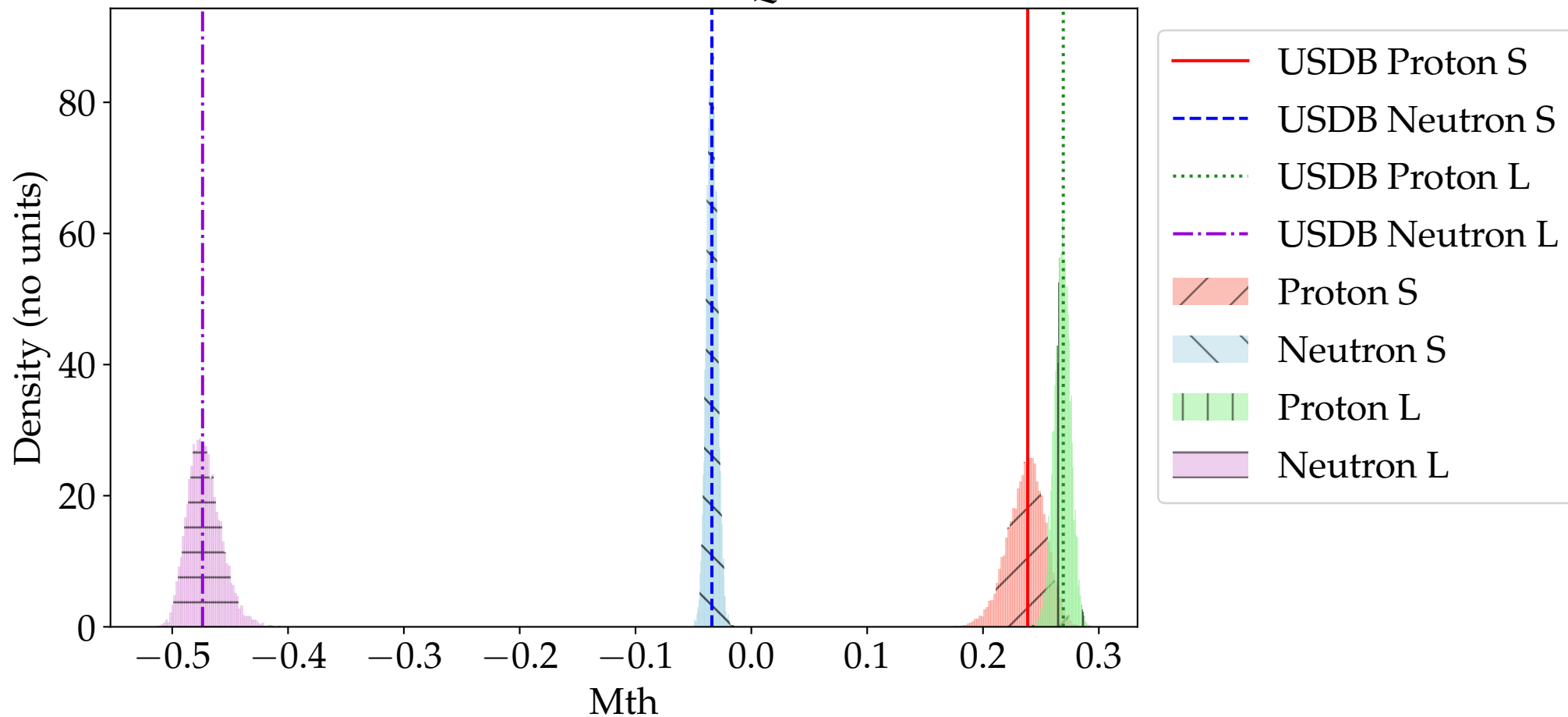
$^{20}\text{F} (2_2) \rightarrow (3_1)$
Included in UQ



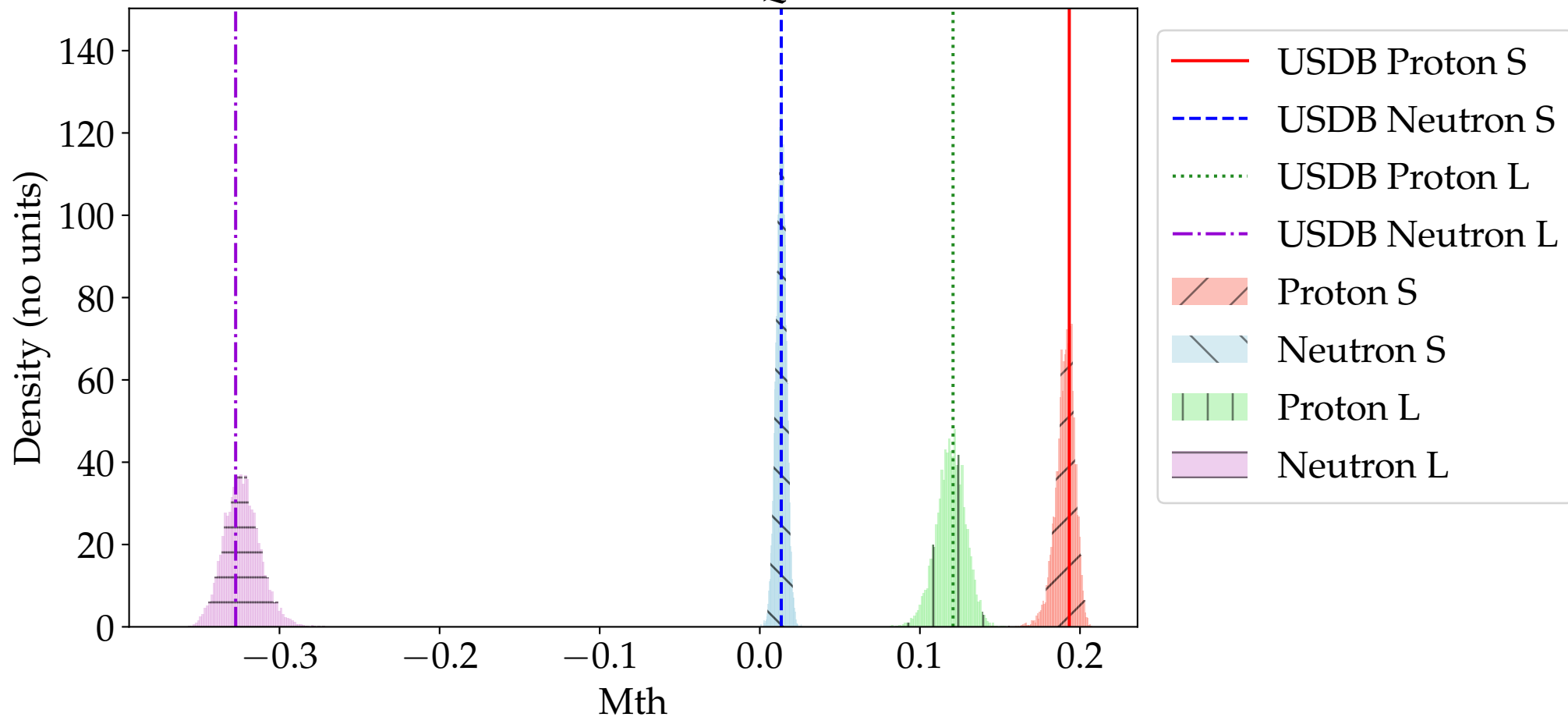
$^{20}\text{F} (3_2) \rightarrow (2_1)$
Included in UQ



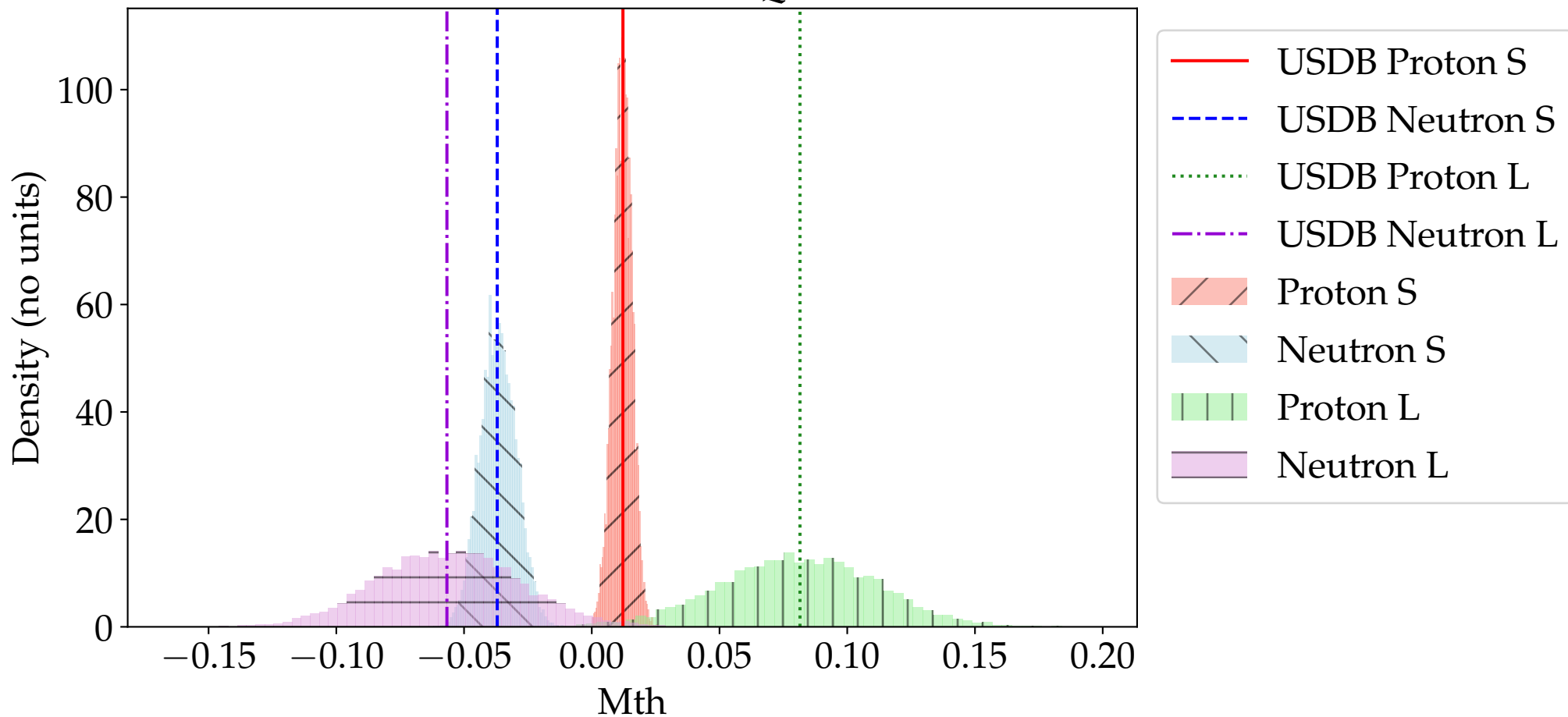
$^{20}\text{F} (3_2) \rightarrow (4_1)$
Included in UQ



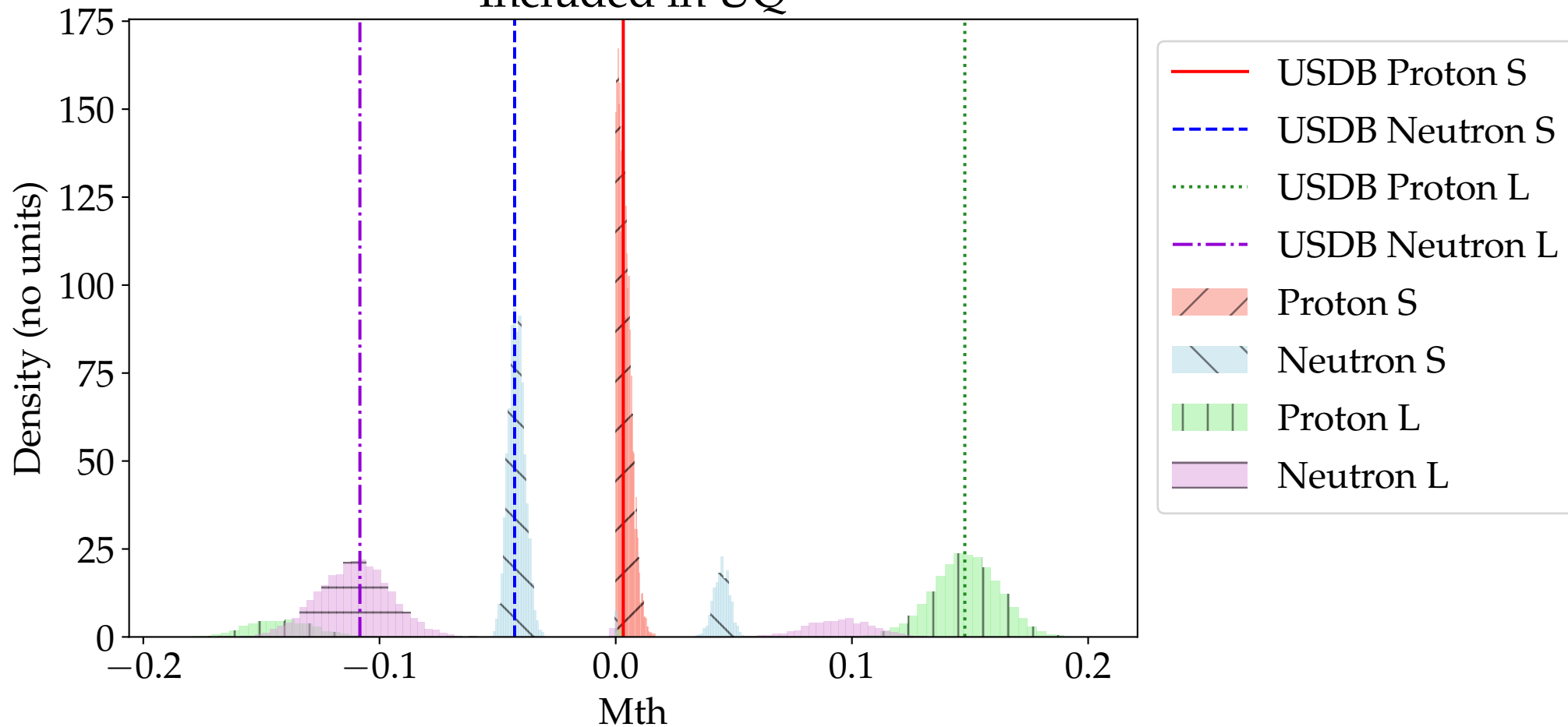
$^{20}\text{F} (3_3) \rightarrow (3_2)$
Included in UQ



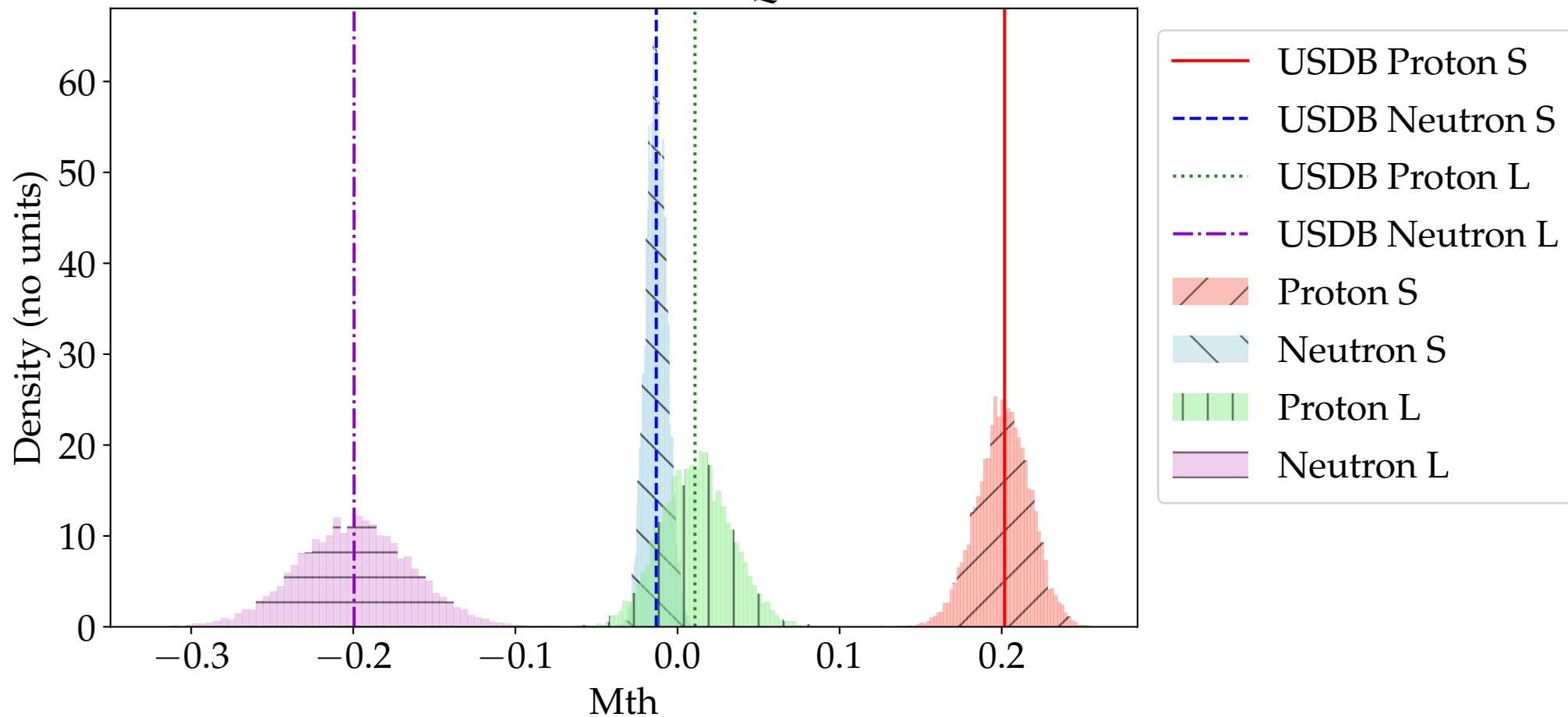
$^{20}\text{F} (3_3) \rightarrow (2_1)$
Included in UQ



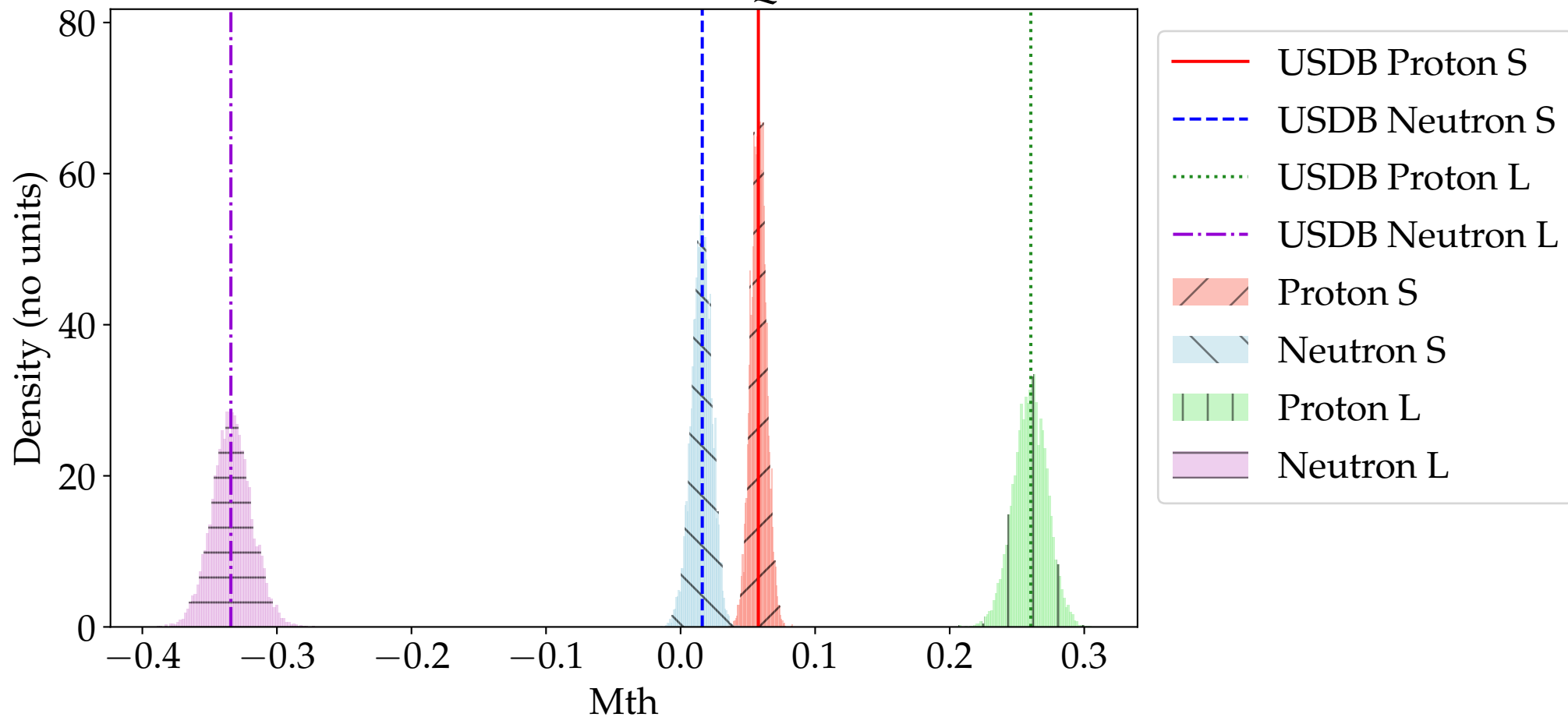
$^{20}\text{F} (3_3) \rightarrow (3_1)$
Included in UQ



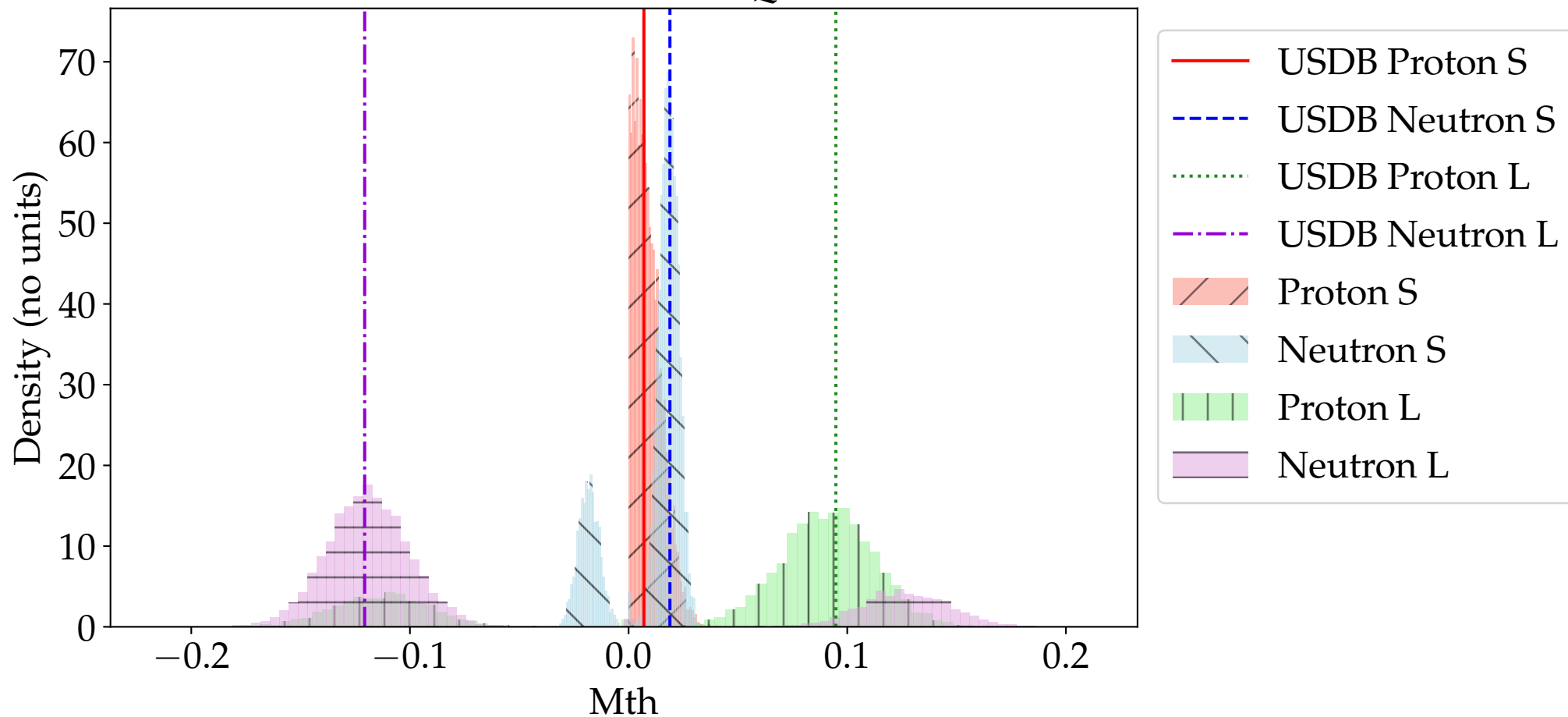
$^{20}\text{F} (3_3) \rightarrow (4_1)$
Included in UQ



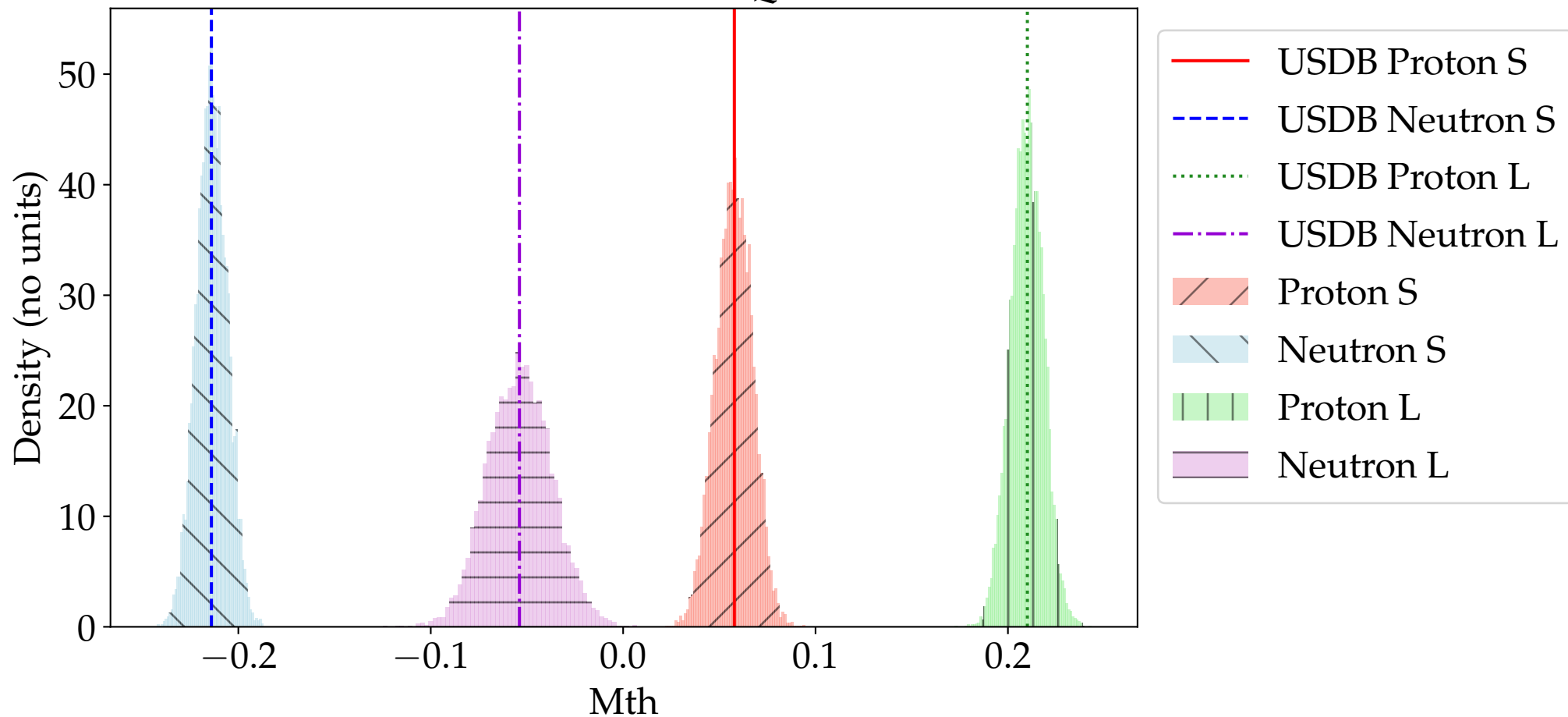
$^{20}\text{F} (1_3) \rightarrow (1_1)$
Included in UQ



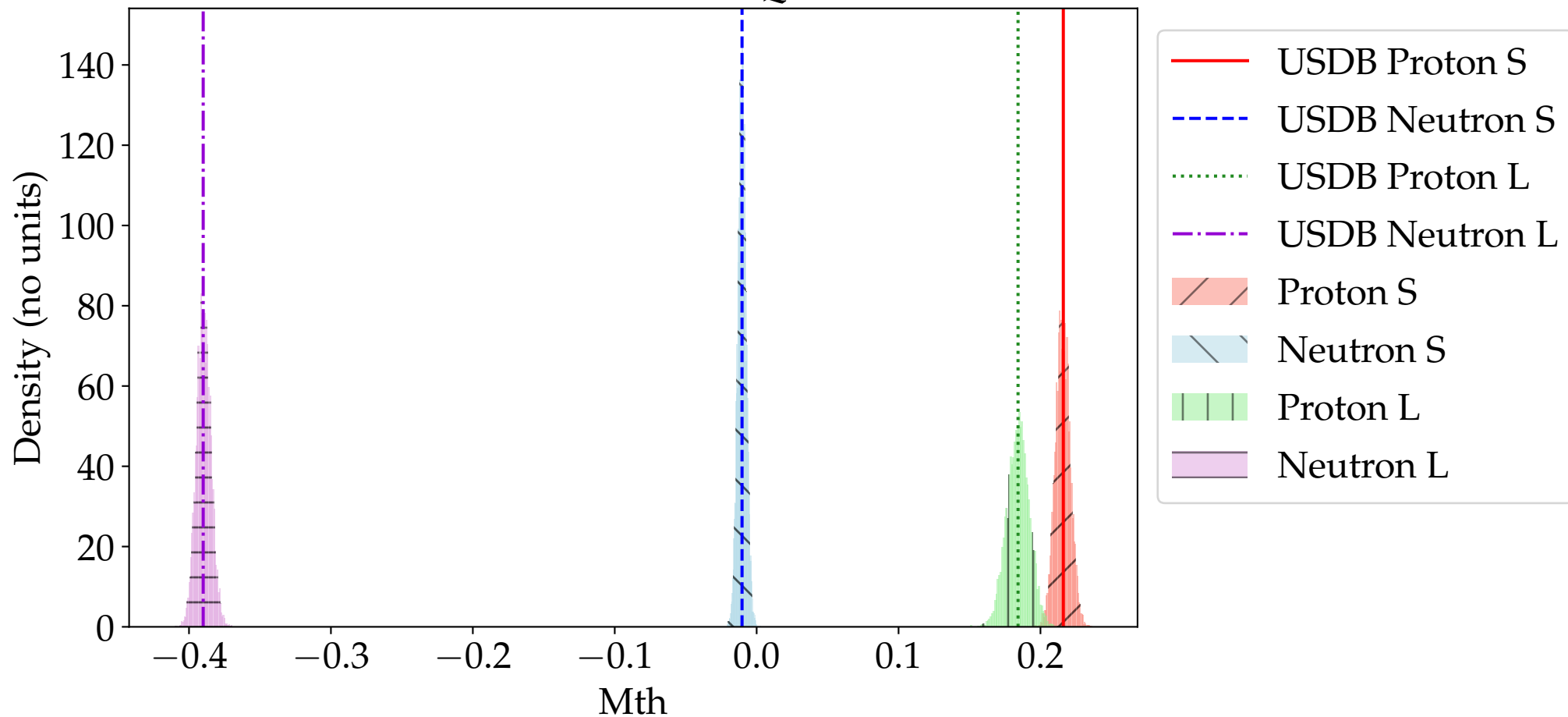
$^{20}\text{F} (1_3) \rightarrow (2_1)$
Included in UQ



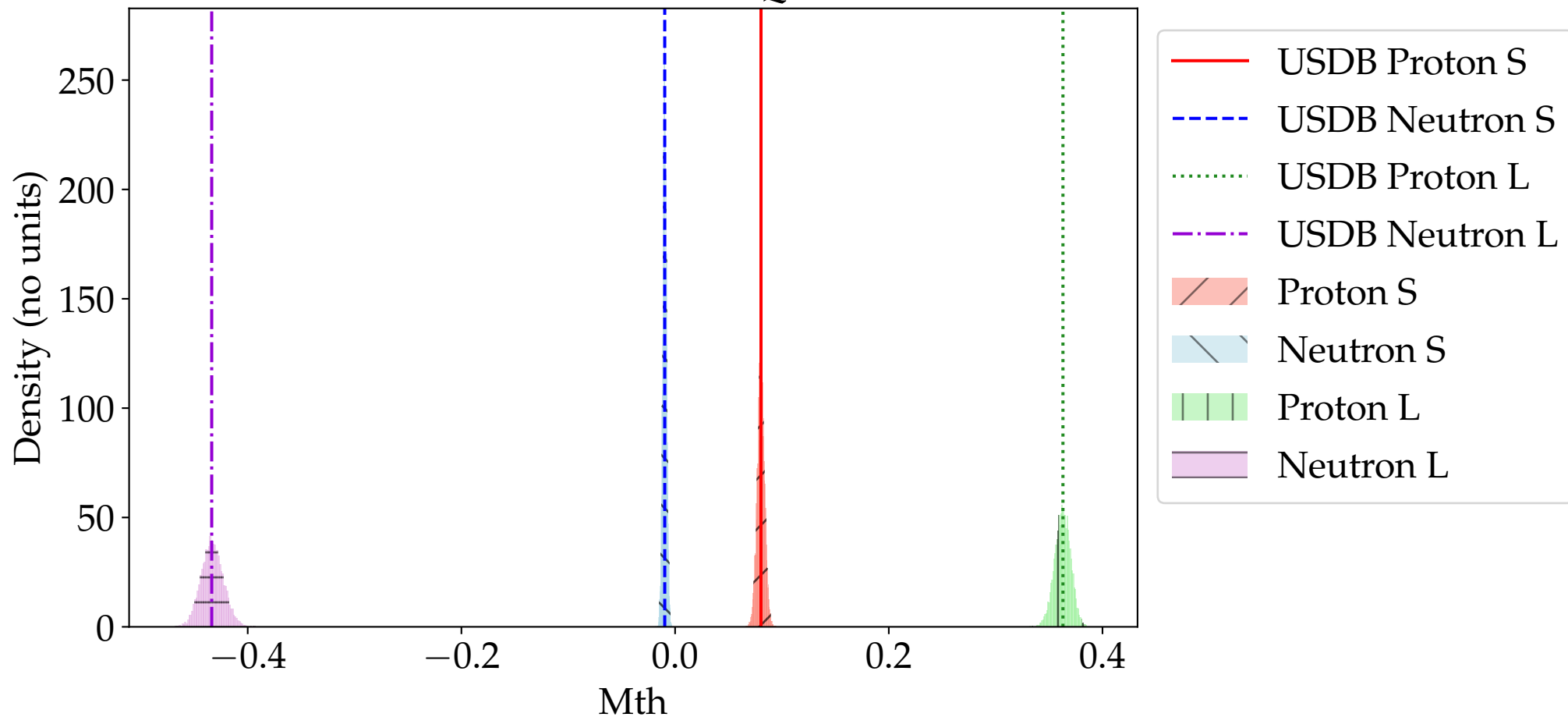
$^{20}\text{F} (0_1) \rightarrow (1_1)$
Included in UQ



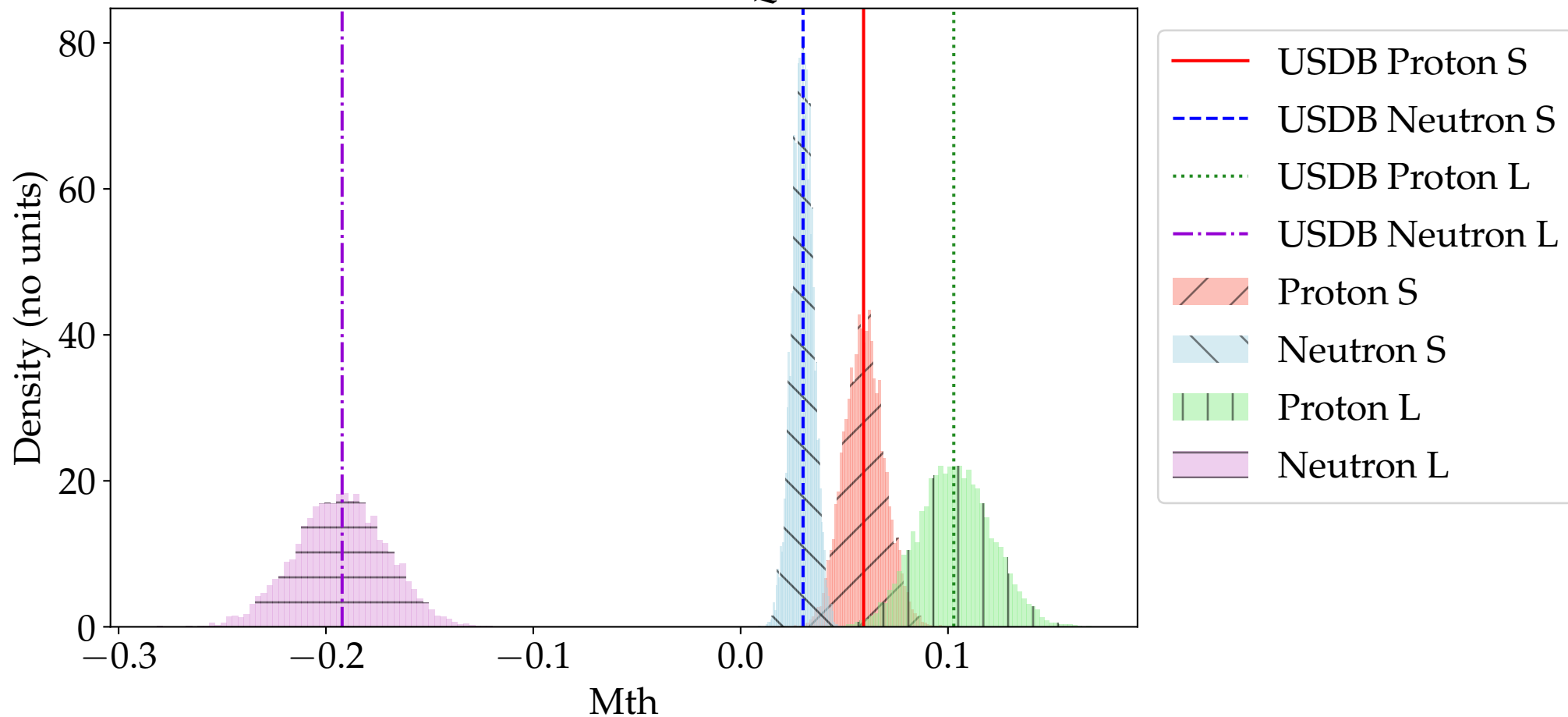
$^{21}\text{F} (3/2_1) \rightarrow (5/2_1)$
Included in UQ



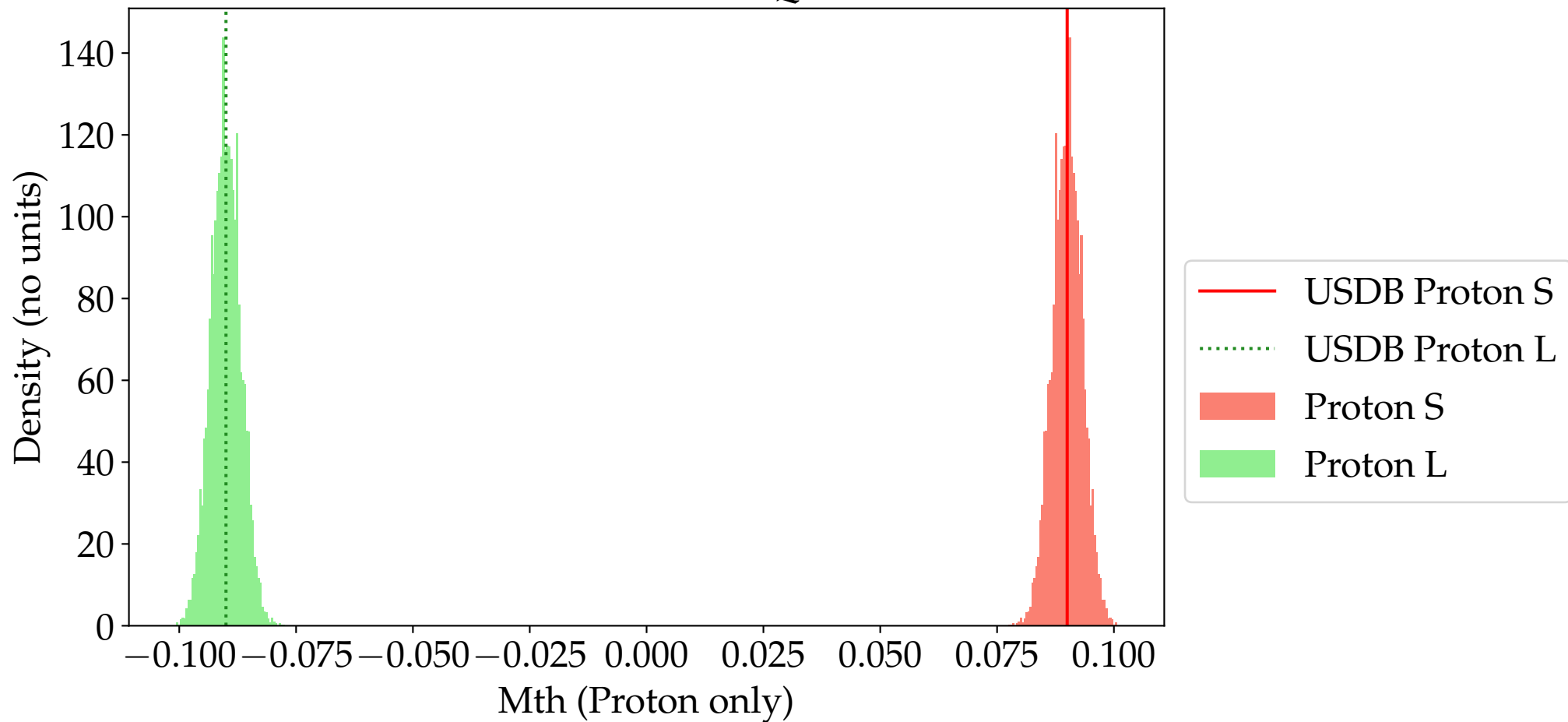
$^{21}\text{F} (3/2_1) \rightarrow (1/2_1)$
Included in UQ



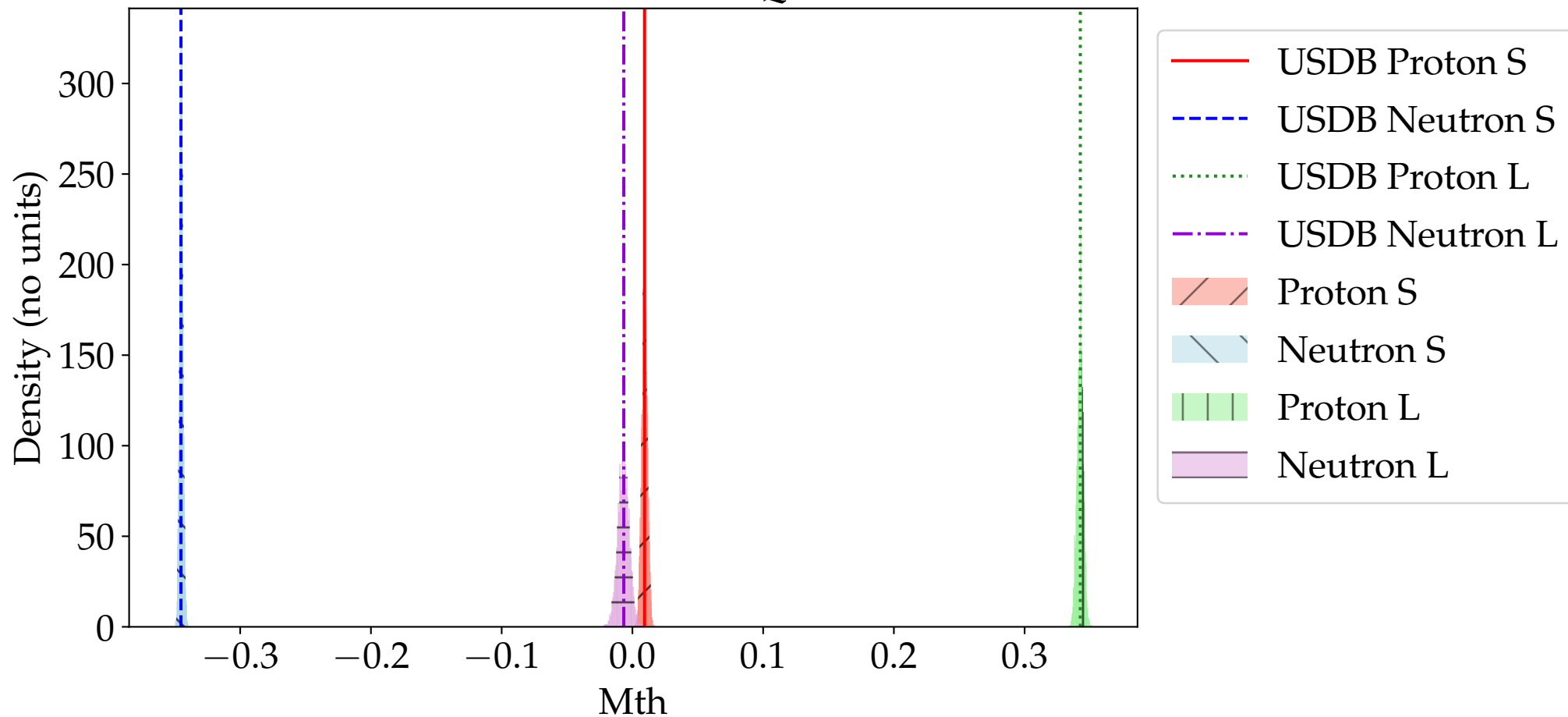
$^{22}\text{F} (2_2) \rightarrow (3_1)$
Included in UQ



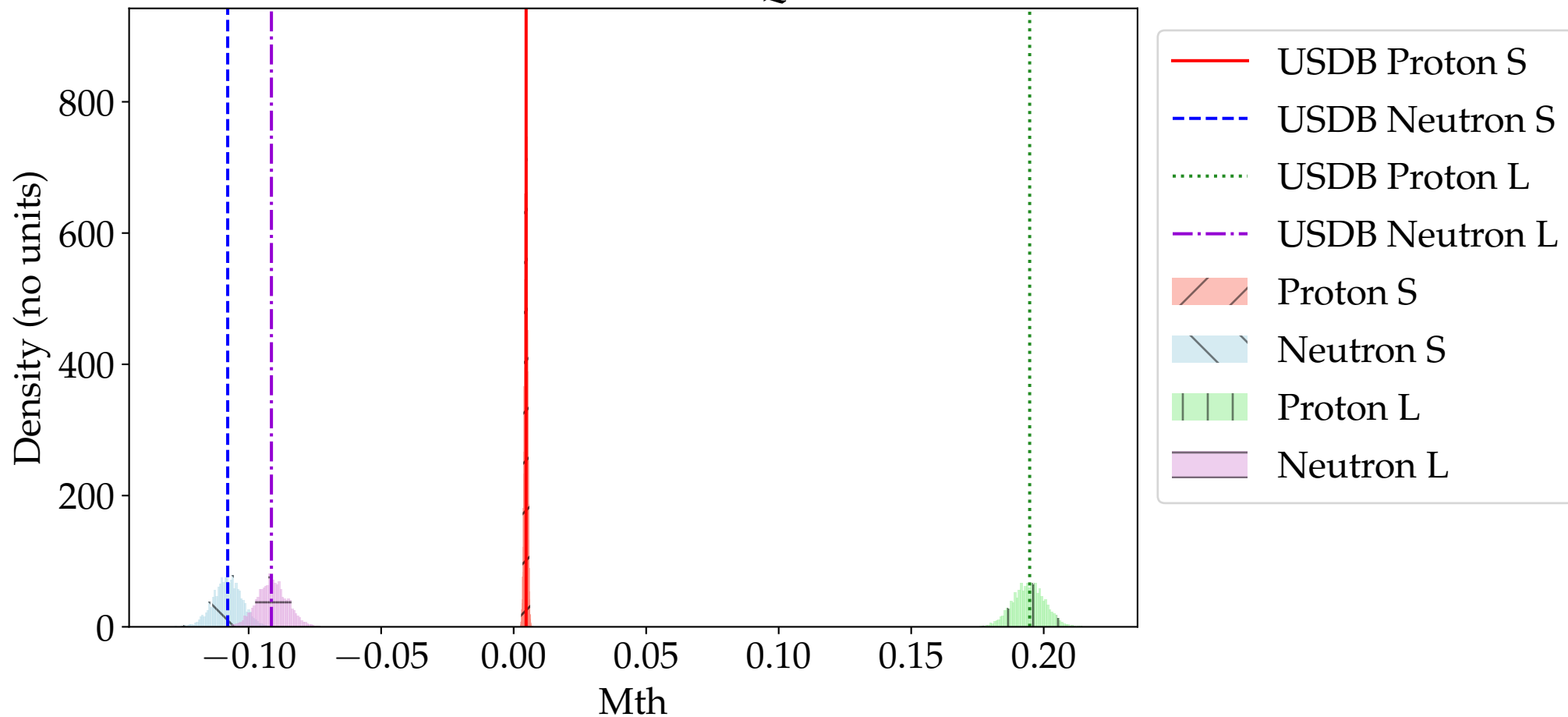
$^{18}\text{Ne} (2_2) \rightarrow (2_1)$
Included in UQ



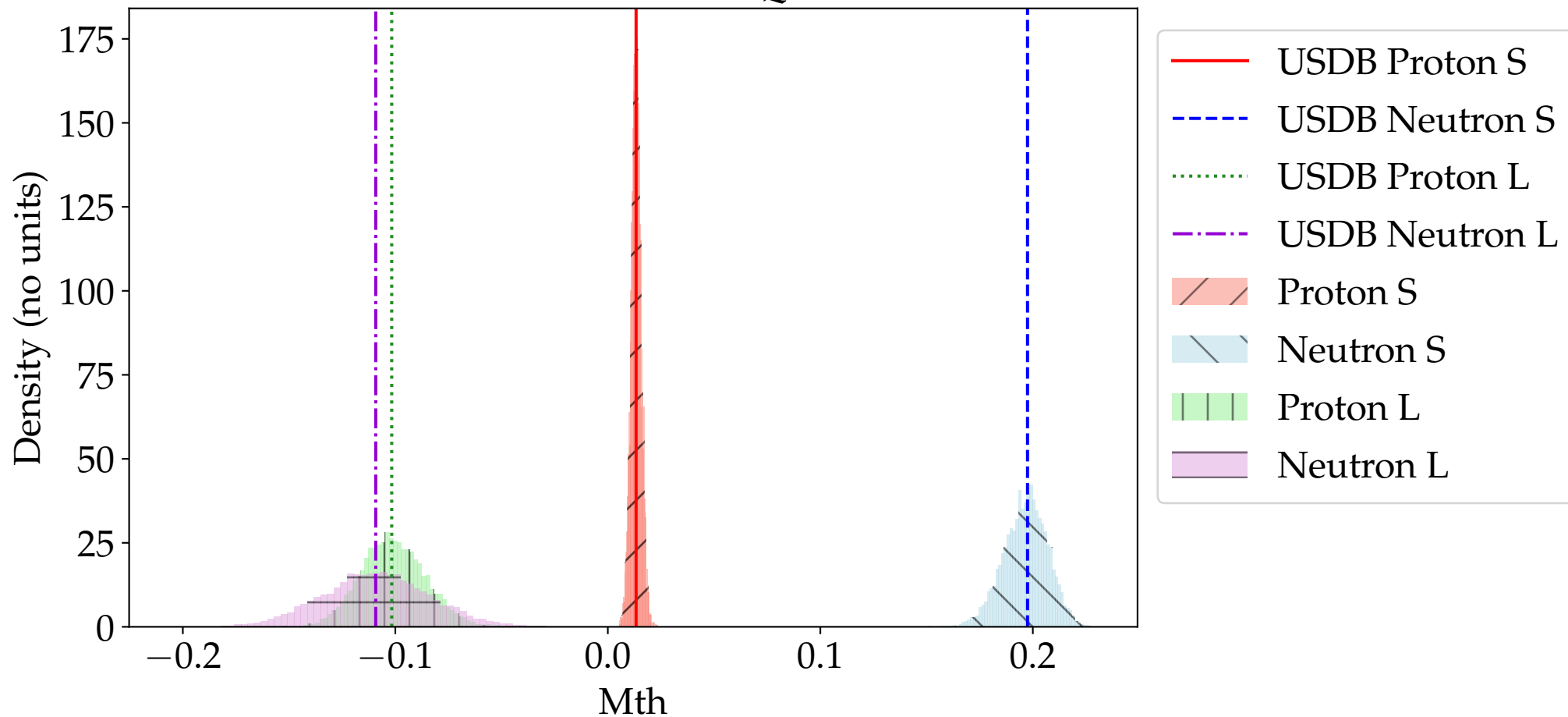
$^{19}\text{Ne} (3/2_1) \rightarrow (5/2_1)$
Included in UQ



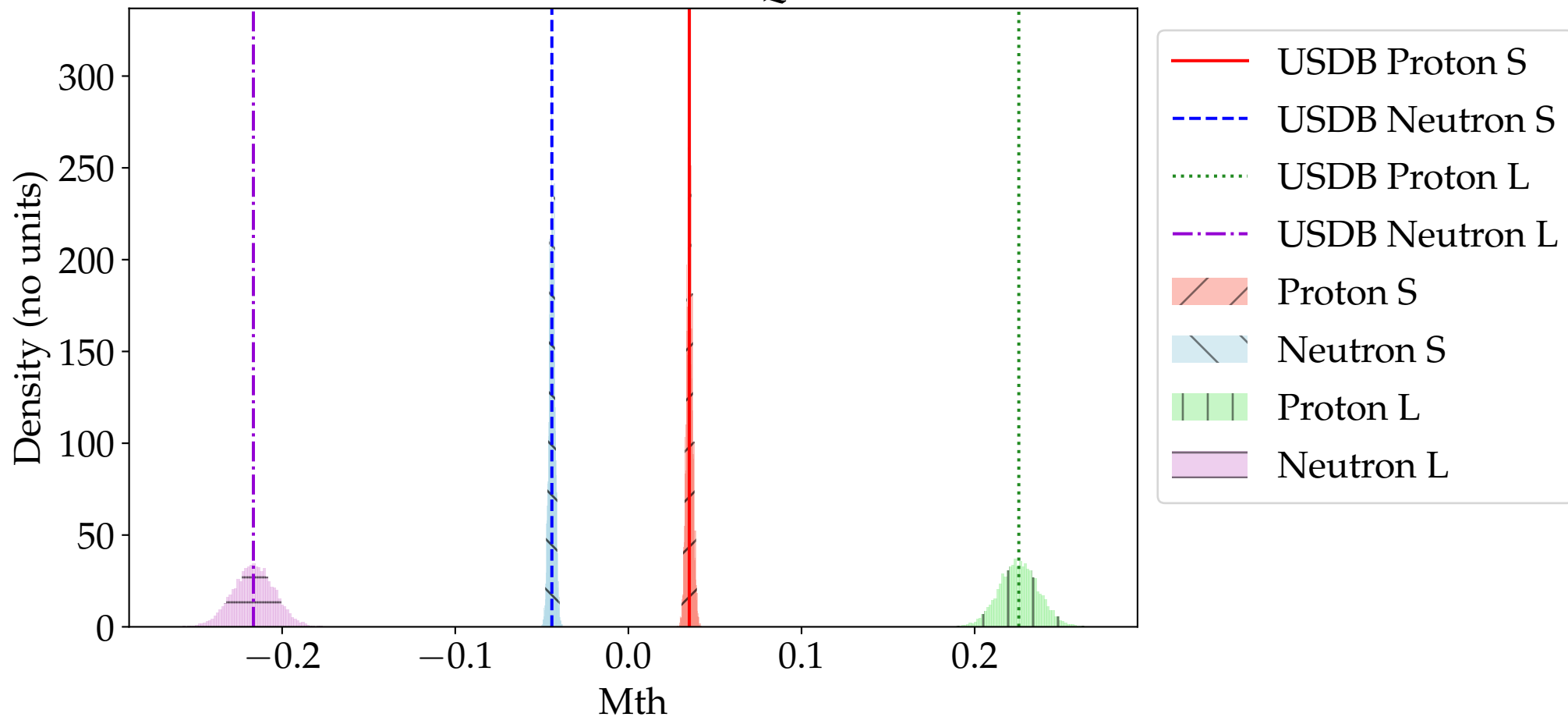
$^{21}\text{Ne} (1/2_1) \rightarrow (3/2_1)$
Included in UQ



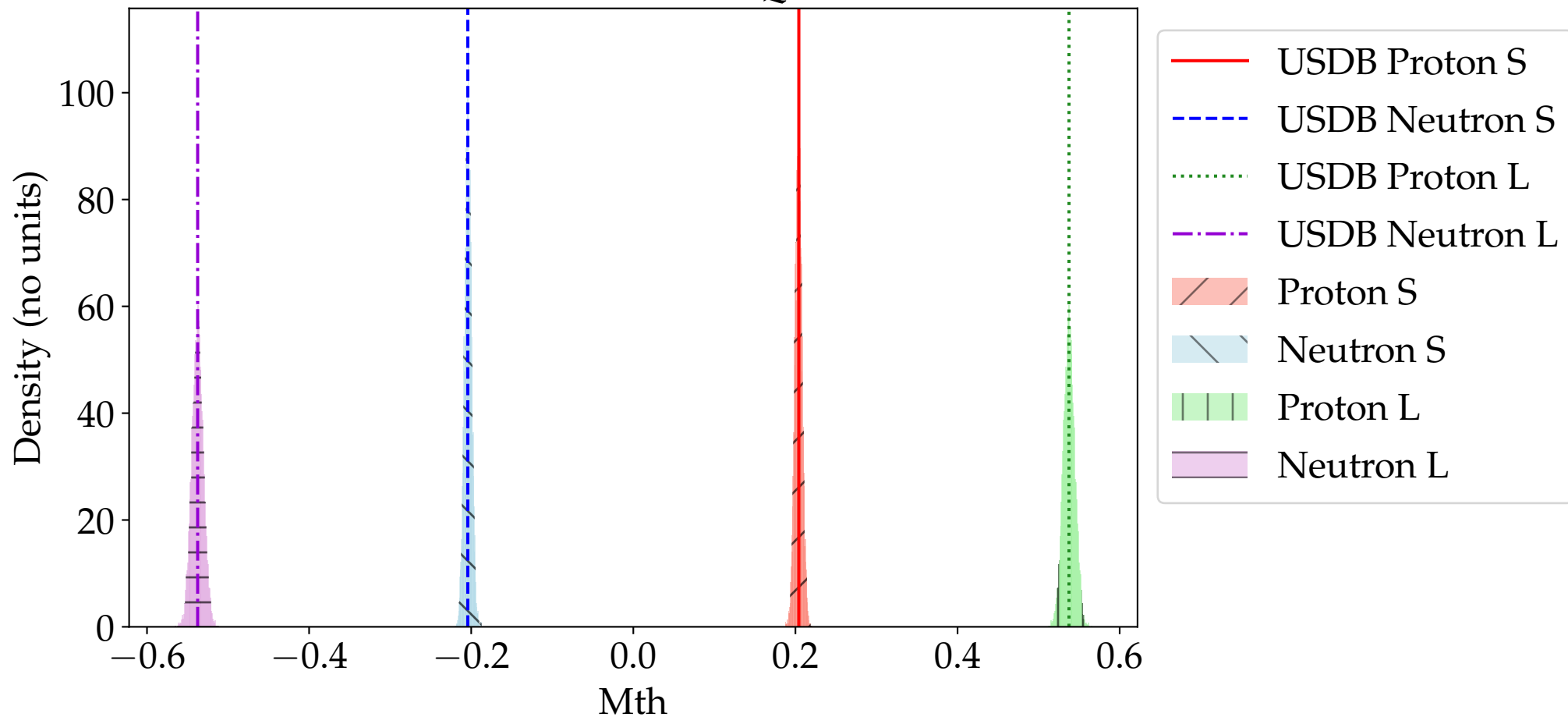
$^{21}\text{Ne} (3/2_2) \rightarrow (5/2_1)$
Included in UQ



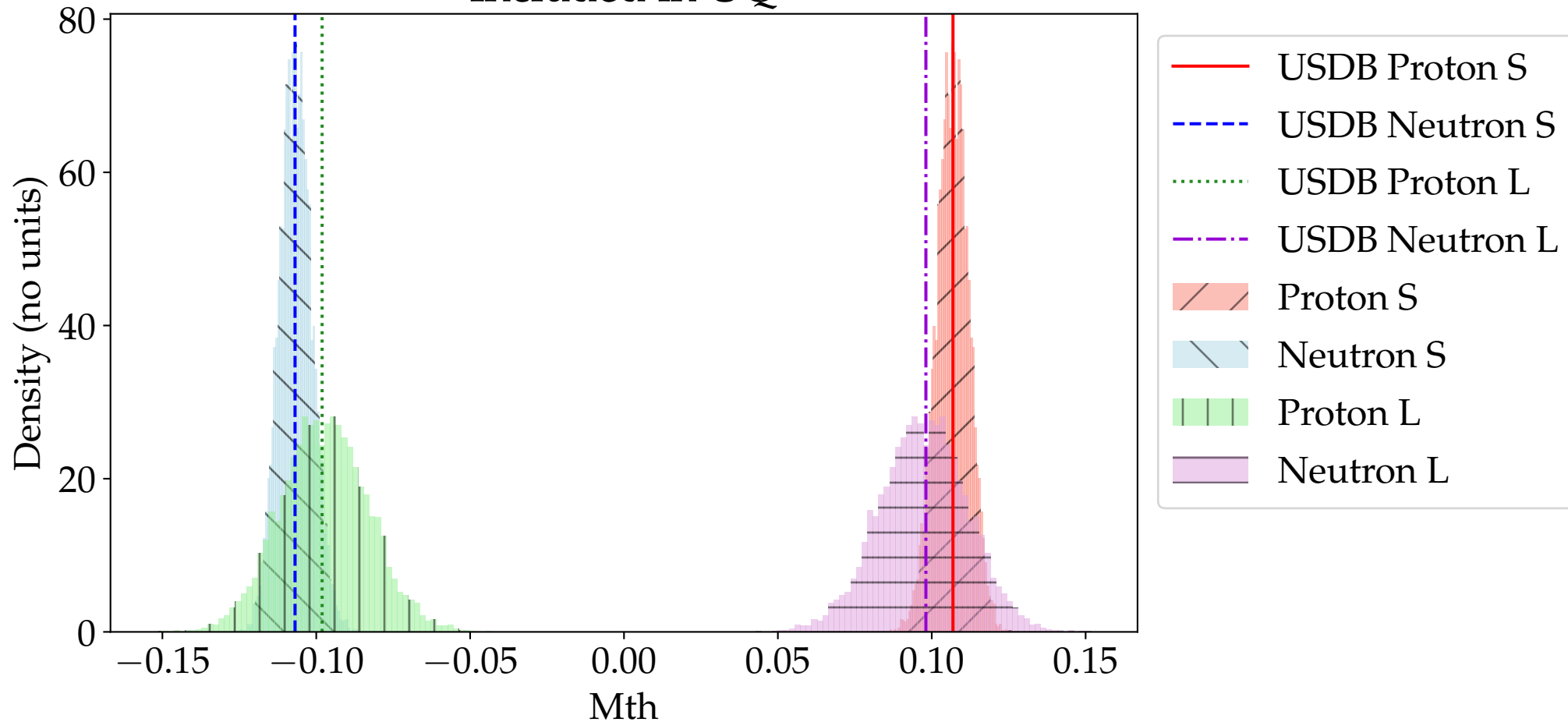
$^{22}\text{Ne} (4_2) \rightarrow (4_1)$
Included in UQ



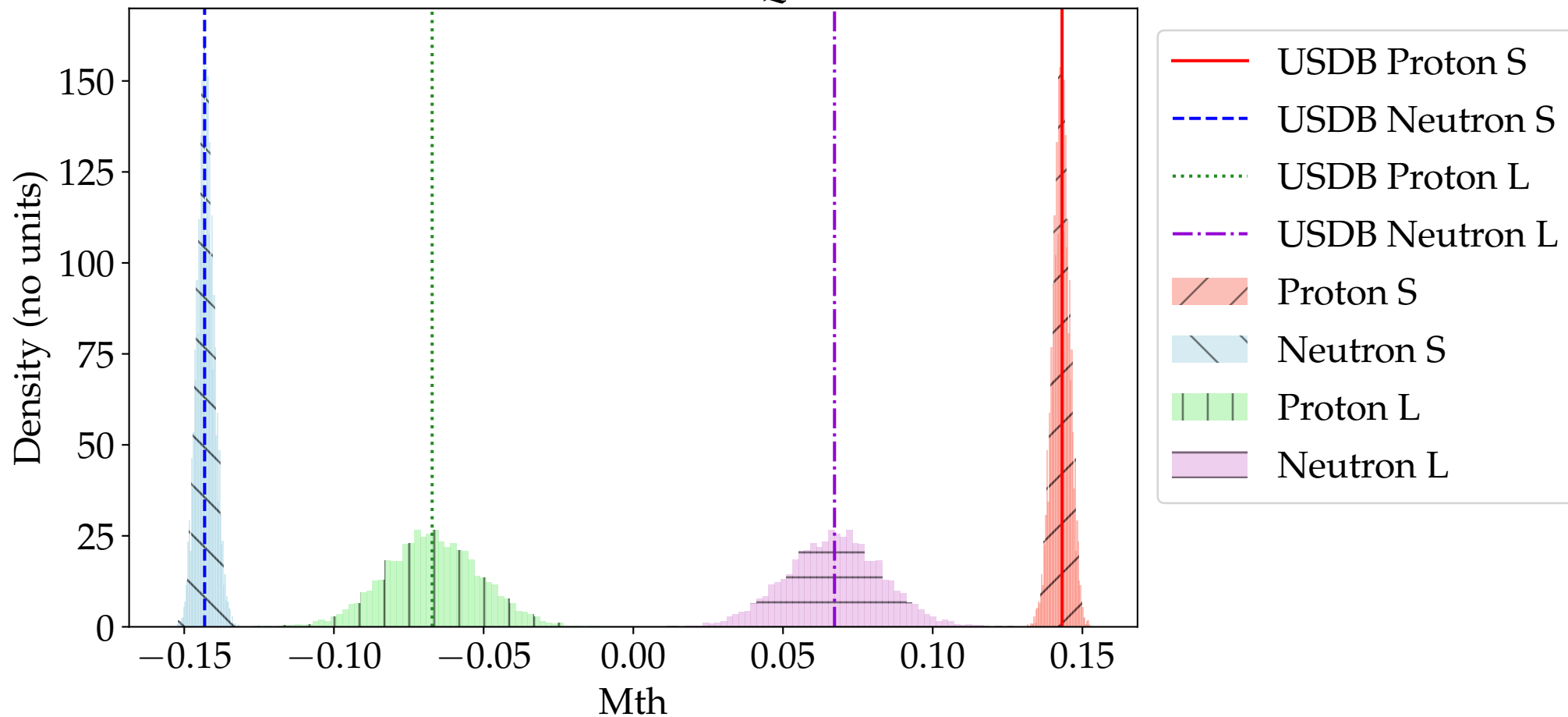
$^{22}\text{Na} (0_1) \rightarrow (1_1)$
Included in UQ



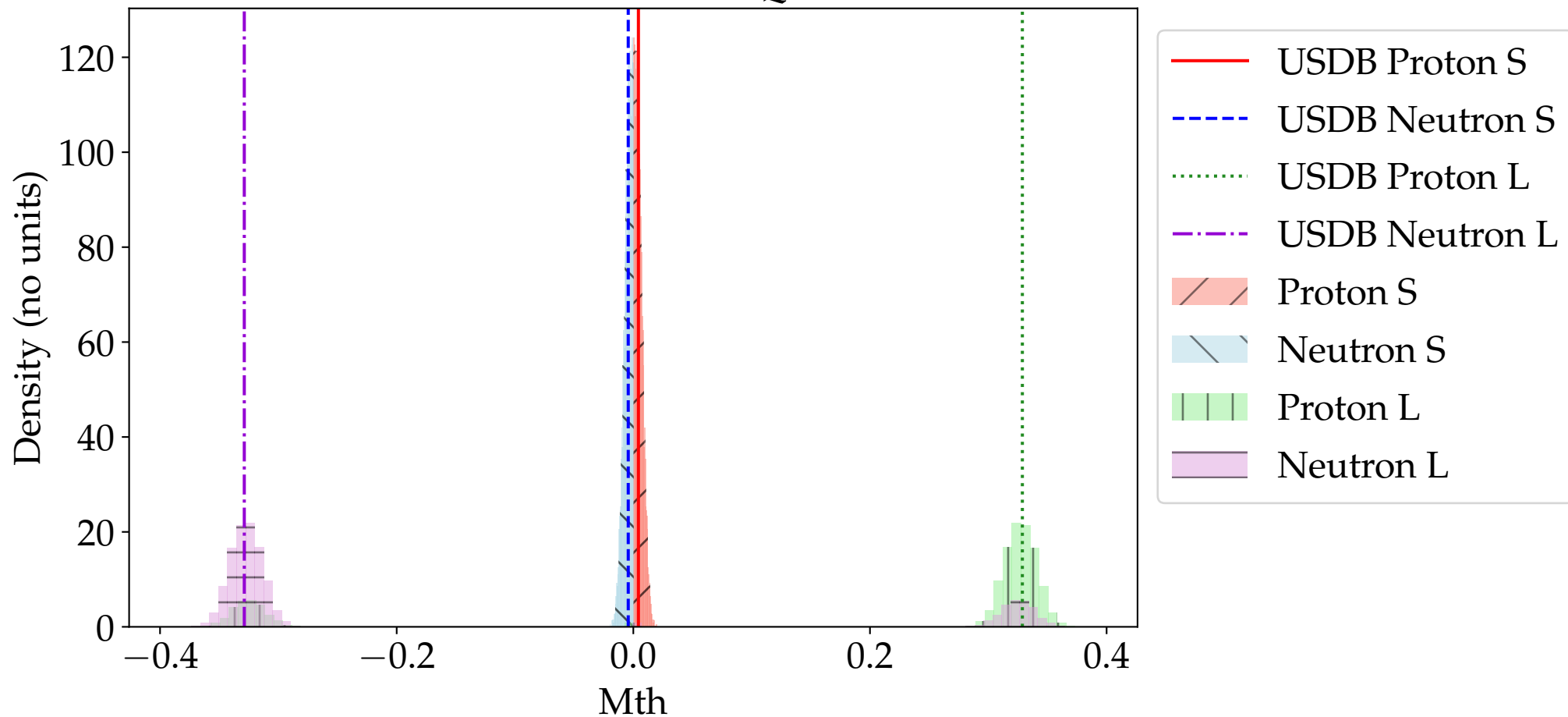
$^{22}\text{Na} (3_3) \rightarrow (2_1)$
Included in UQ



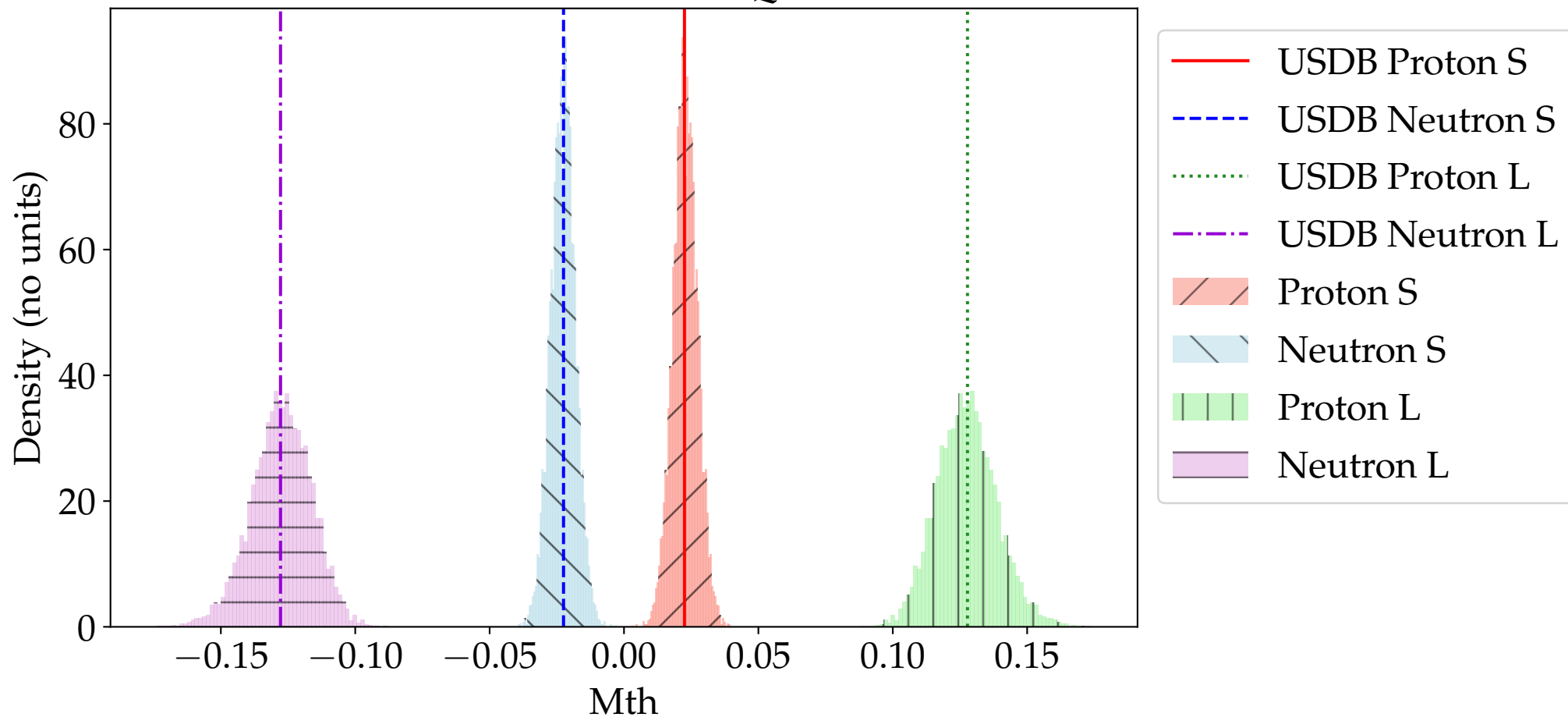
$^{22}\text{Na} (2_2) \rightarrow (2_1)$
Included in UQ



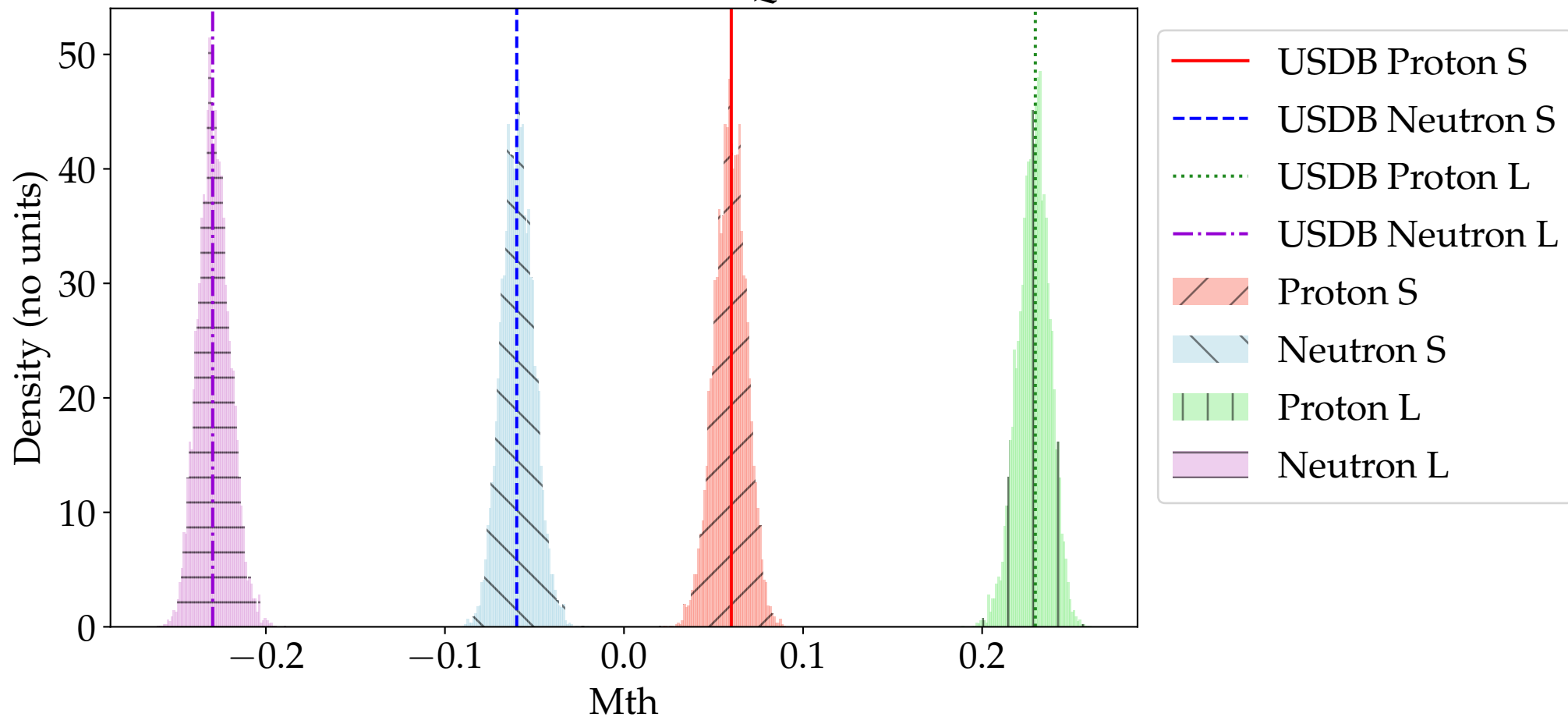
$^{22}\text{Na} (1_4) \rightarrow (0_1)$
Included in UQ



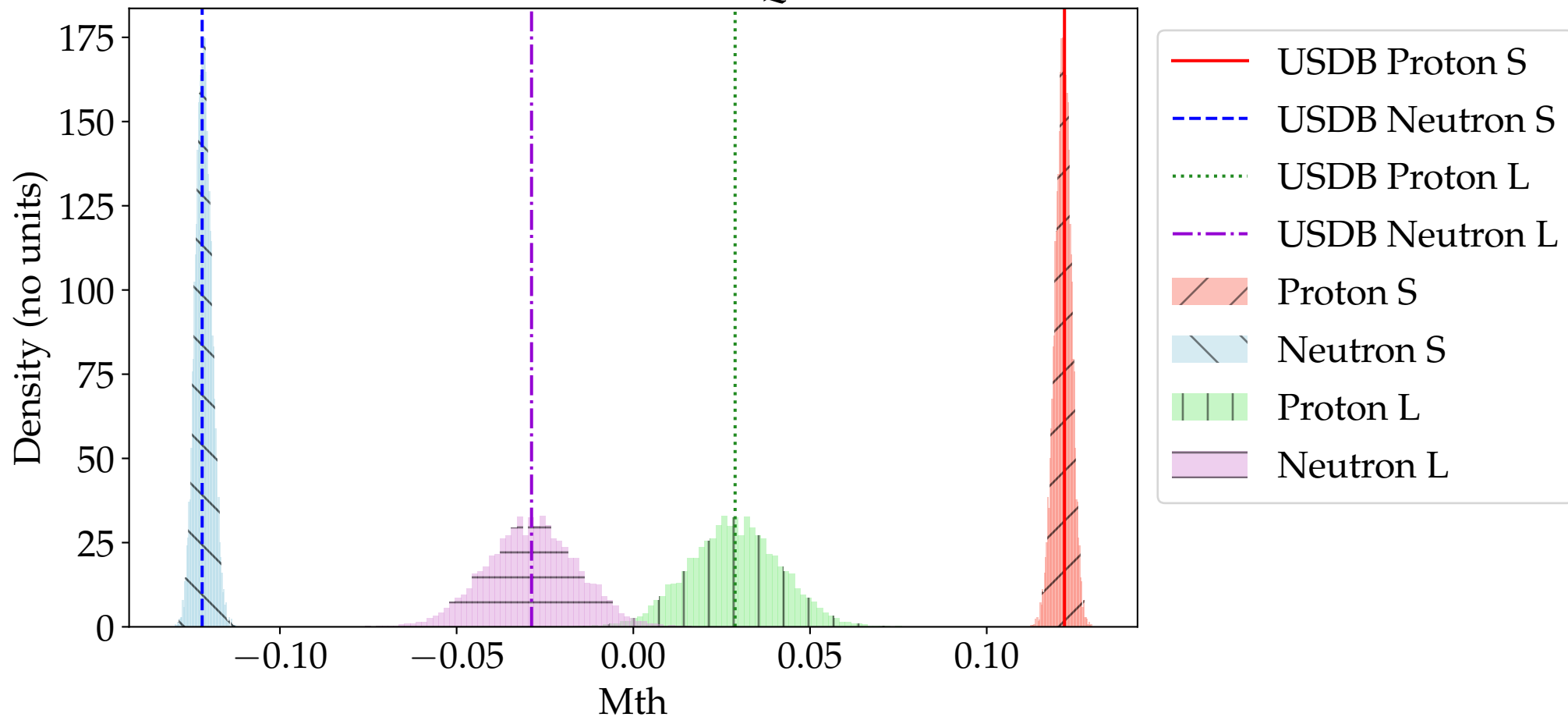
$^{22}\text{Na} (2_3) \rightarrow (2_1)$
Included in UQ



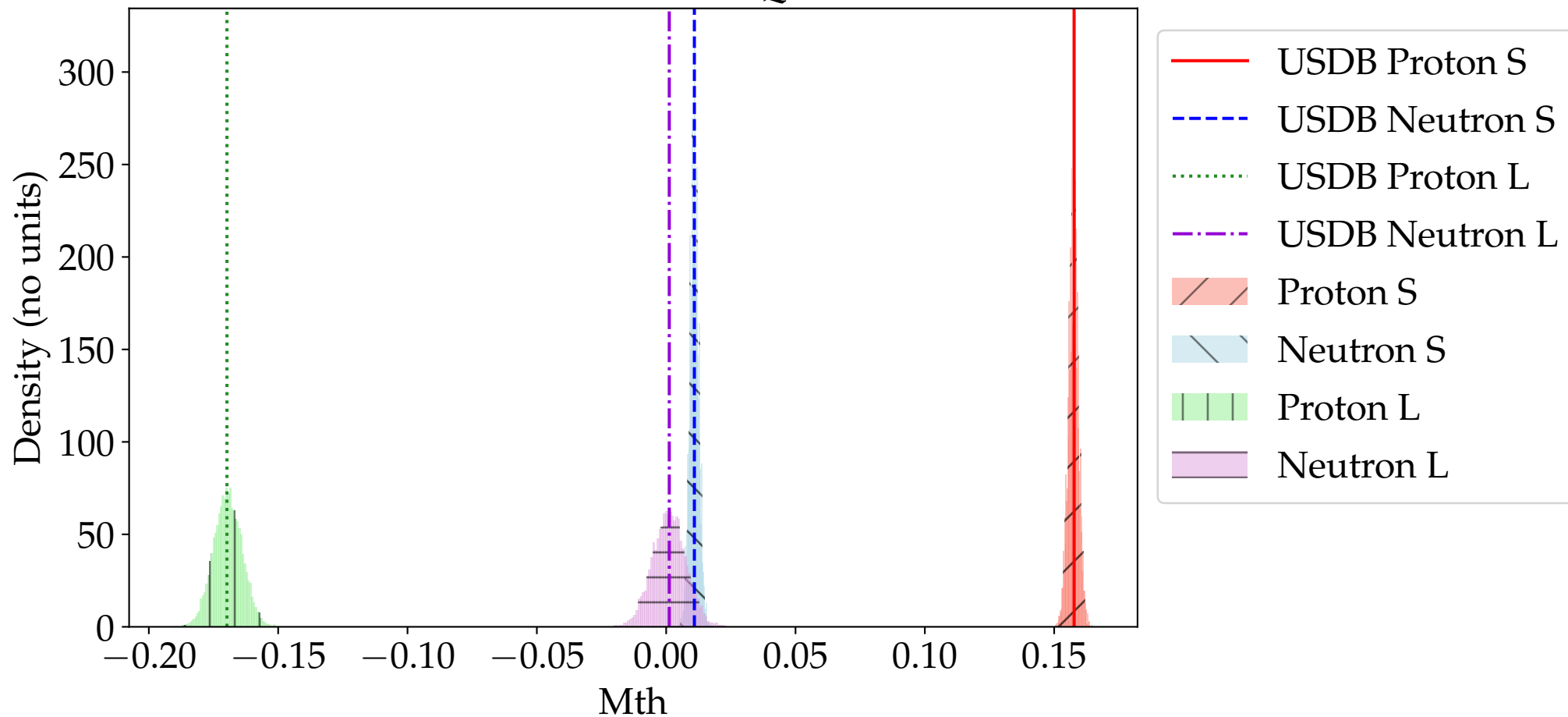
$^{22}\text{Na} (5_3) \rightarrow (4_2)$
Included in UQ



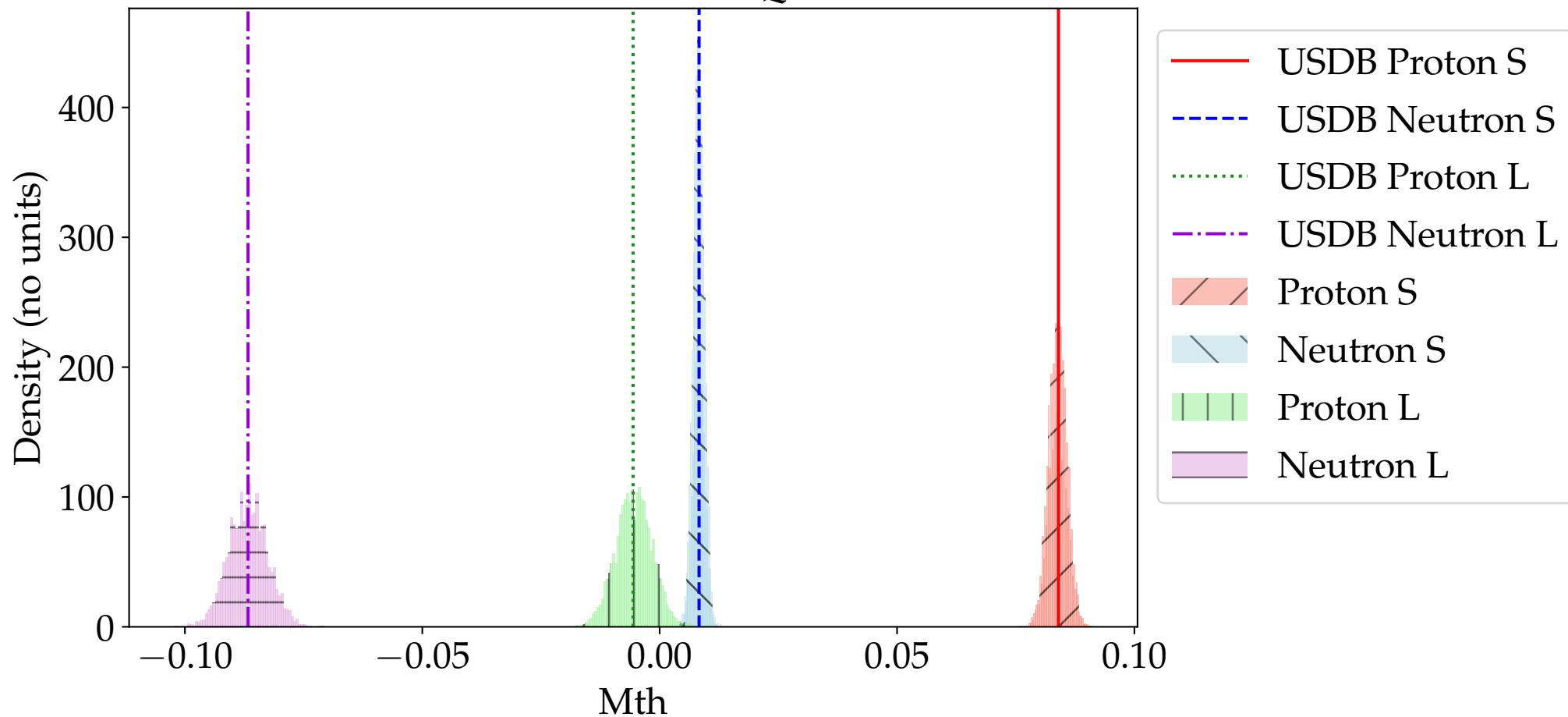
$^{22}\text{Na} (4_3) \rightarrow (4_2)$
Included in UQ



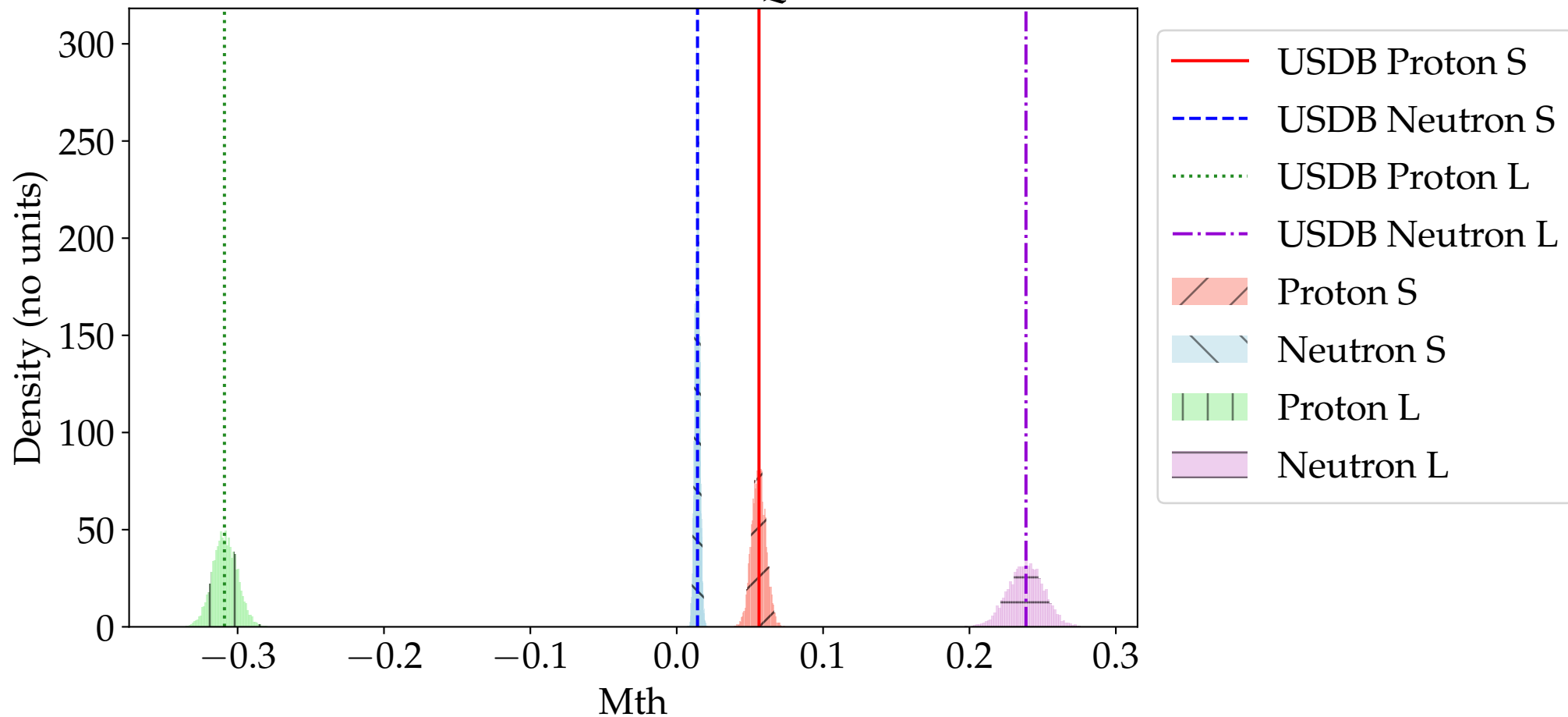
$^{23}\text{Na} (3/2_2) \rightarrow (3/2_1)$
Included in UQ



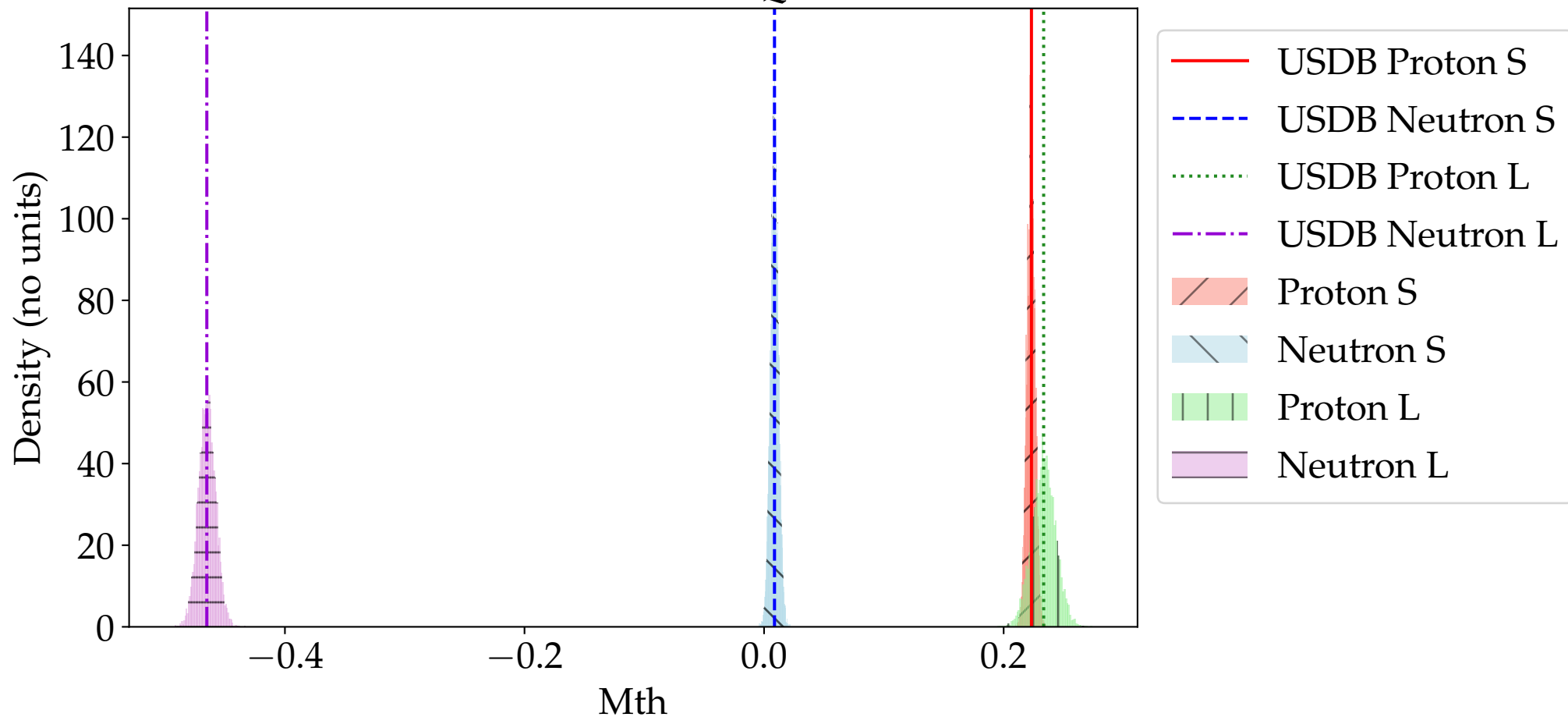
$^{23}\text{Na} (3/2_2) \rightarrow (1/2_1)$
Included in UQ



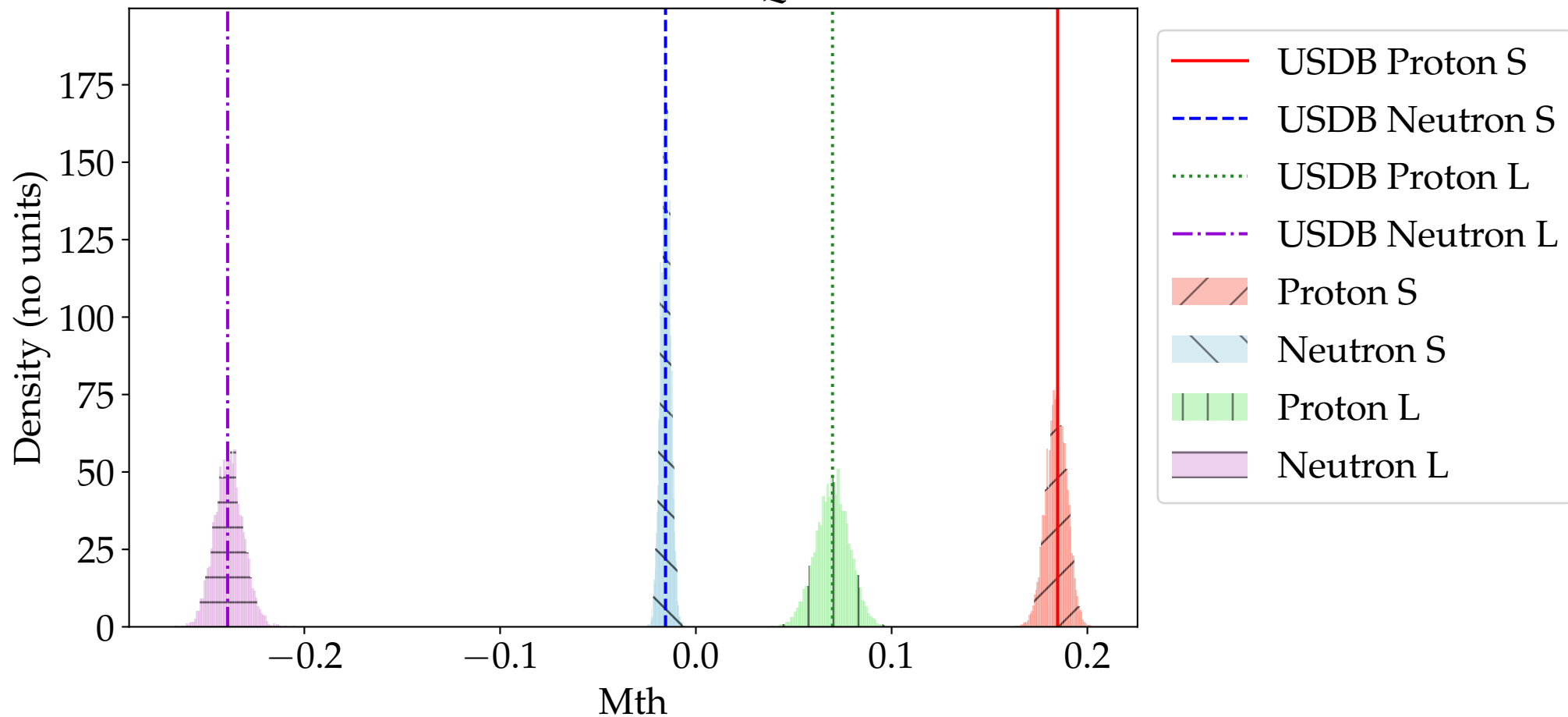
^{23}Na ($5/2_2$) \rightarrow ($7/2_1$)
Included in UQ



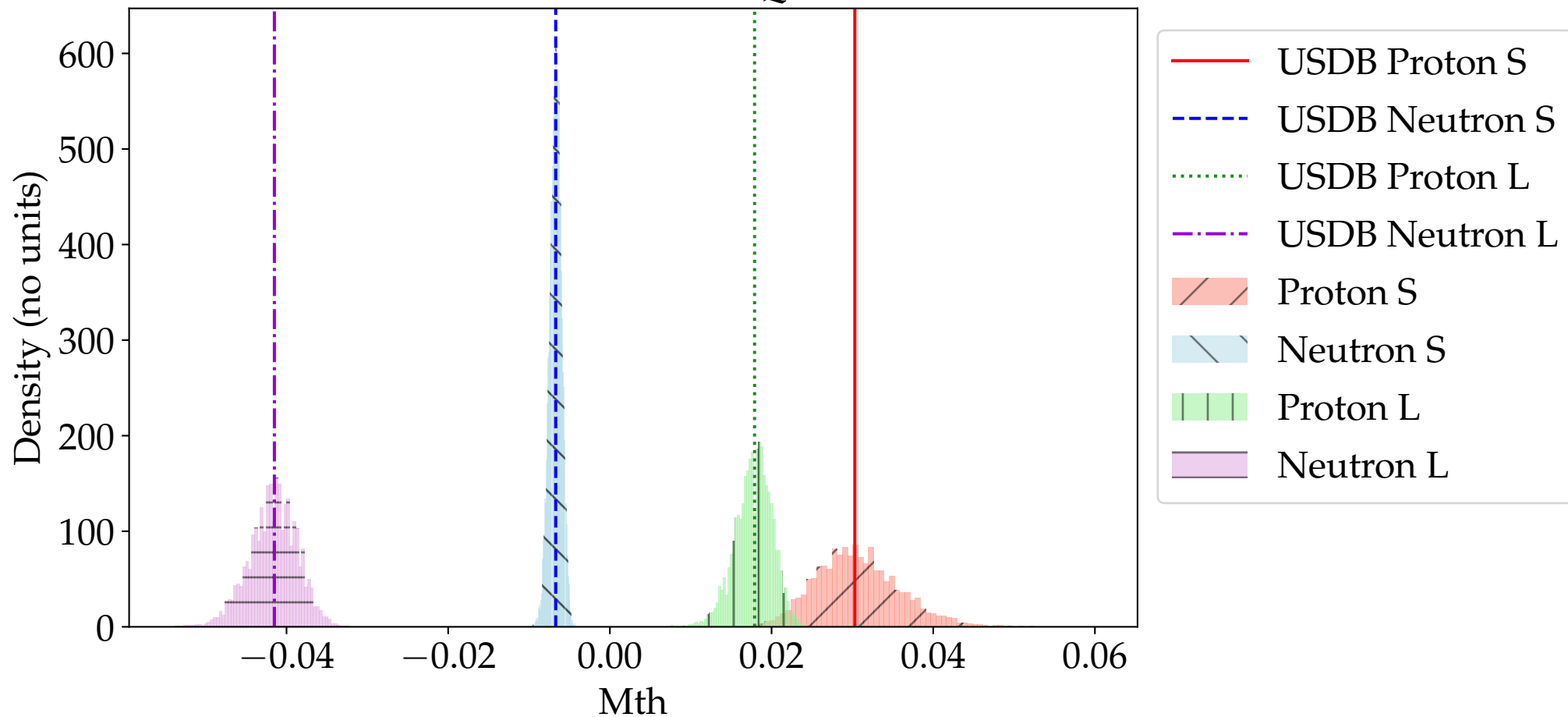
$^{23}\text{Na} (1/2_2) \rightarrow (3/2_1)$
Included in UQ



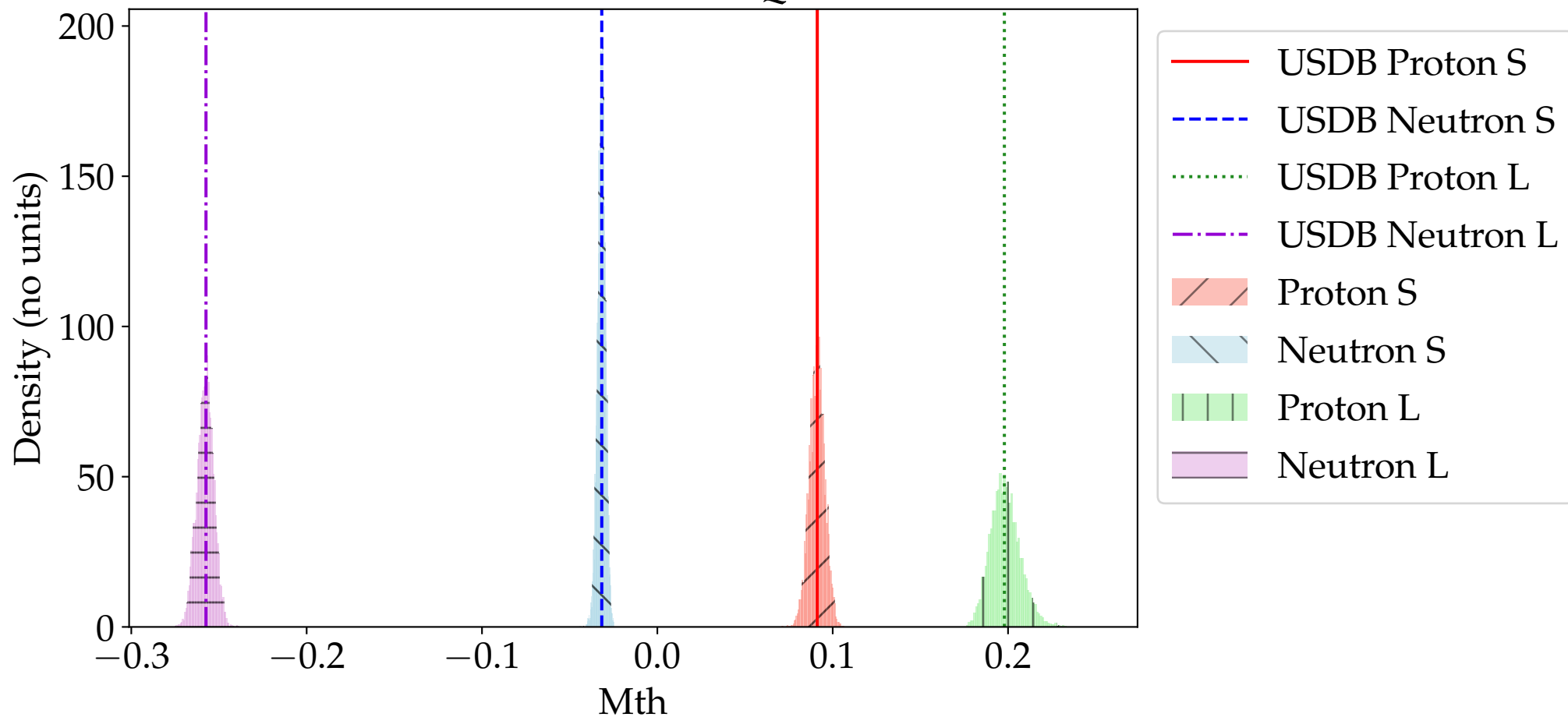
$^{23}\text{Na} (1/2_2) \rightarrow (1/2_1)$
Included in UQ



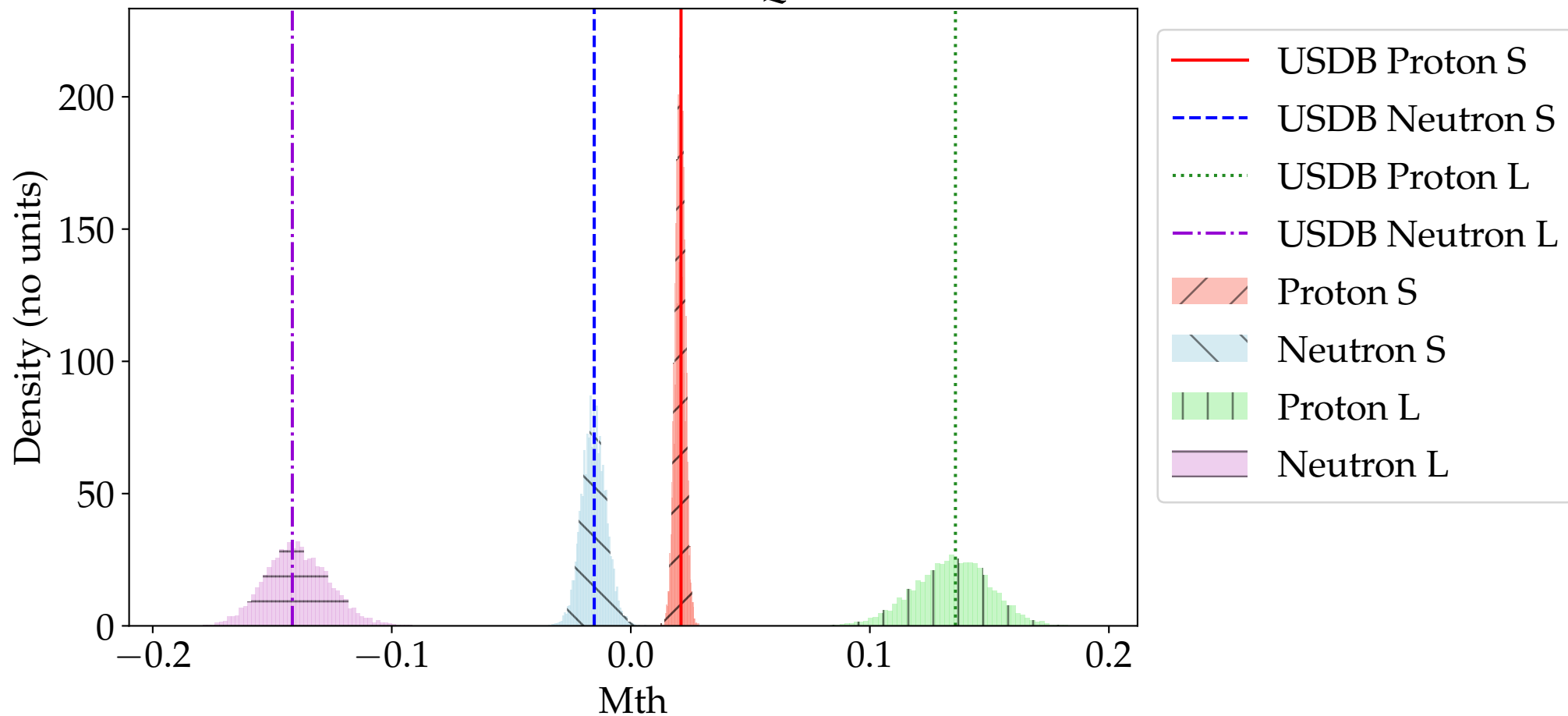
$^{23}\text{Na} (11/2_2) \rightarrow (9/2_1)$
Included in UQ



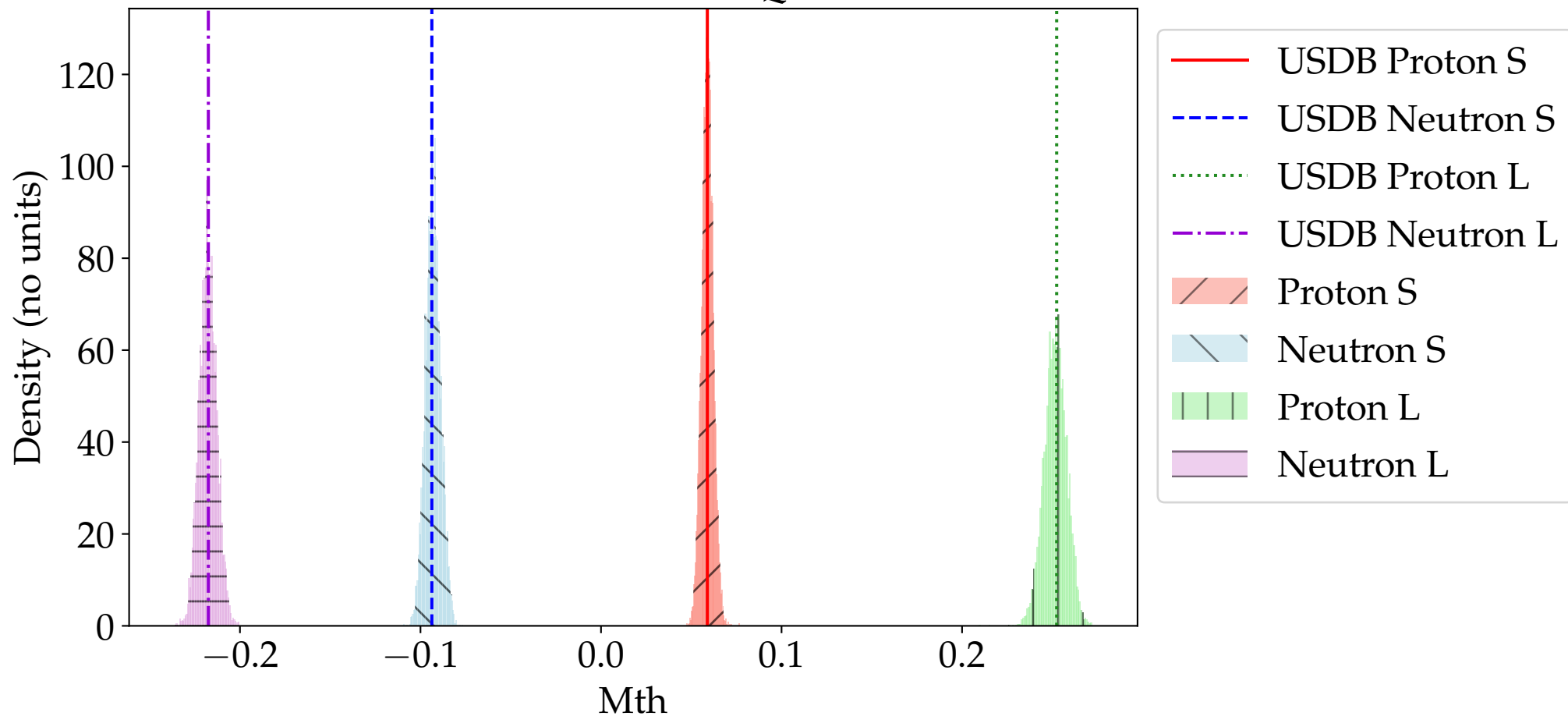
$^{23}\text{Na} (13/2_1) \rightarrow (11/2_1)$
Included in UQ



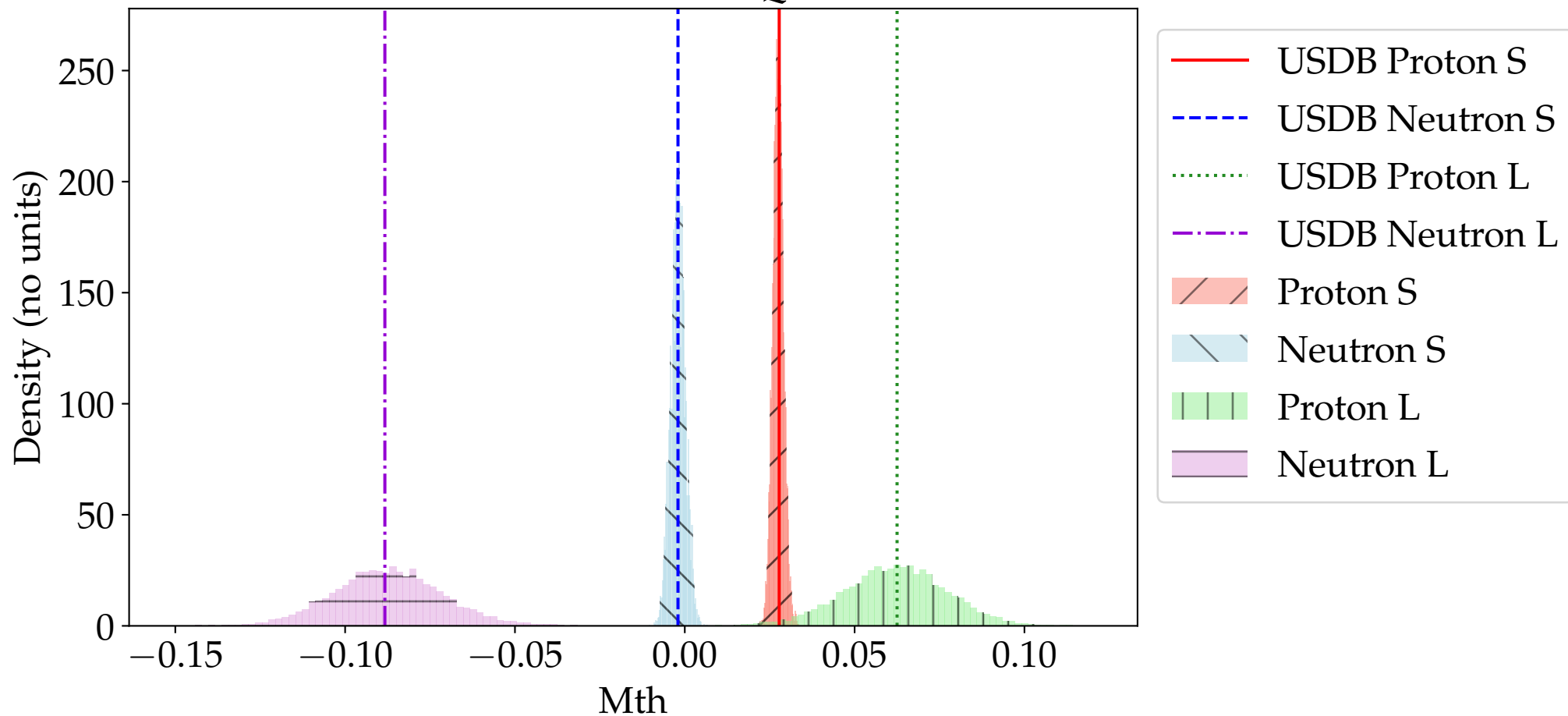
$^{26}\text{Mg} (2_4) \rightarrow (2_2)$
Included in UQ



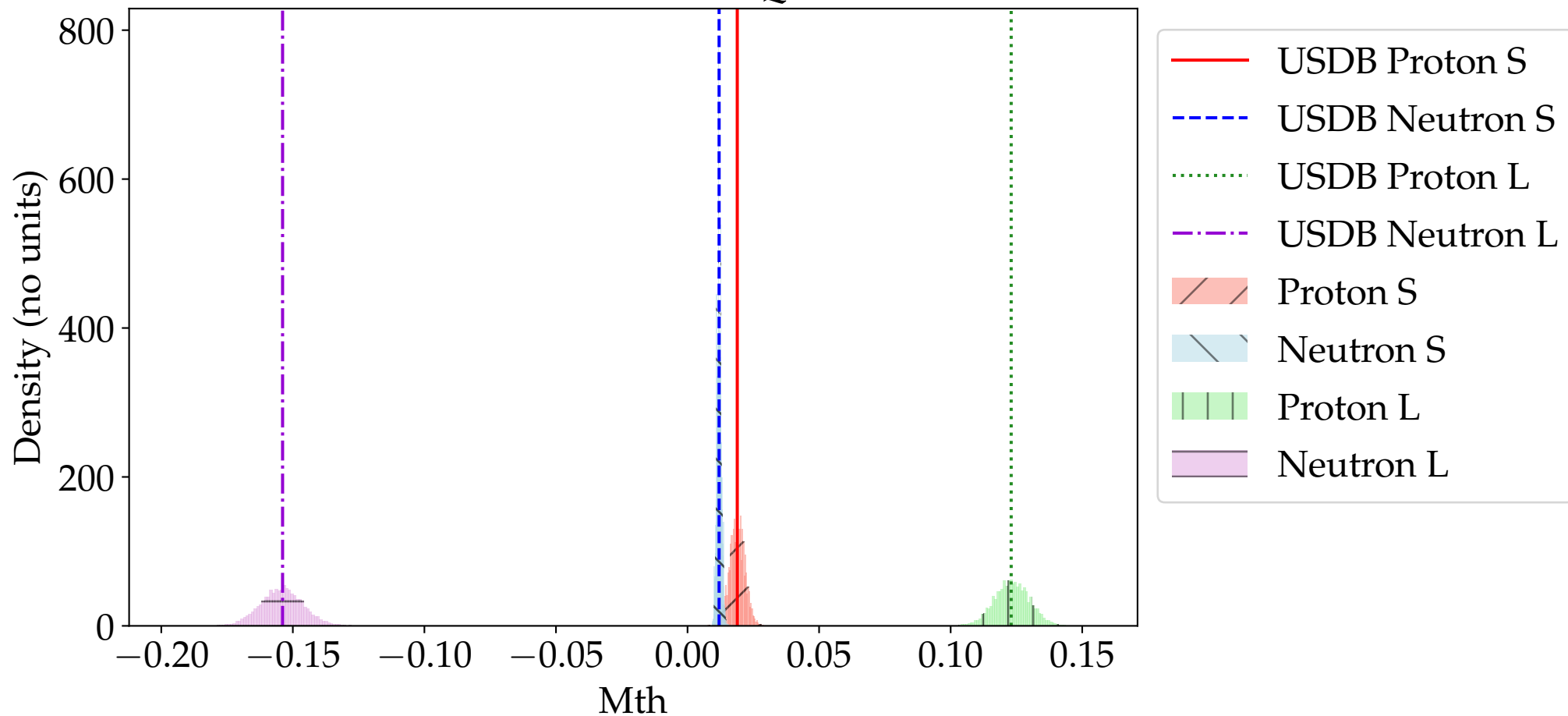
$^{26}\text{Mg} (3_3) \rightarrow (3_2)$
Included in UQ



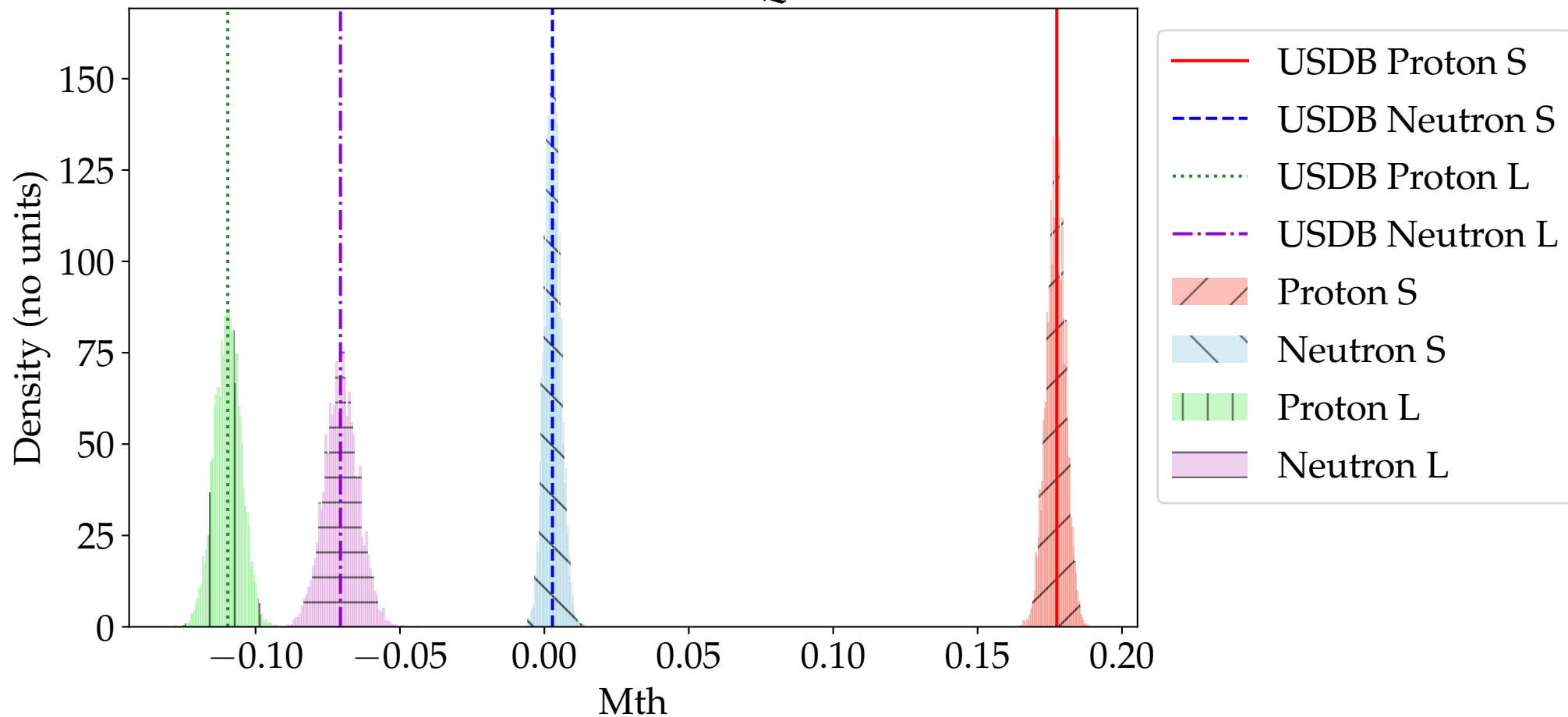
$^{26}\text{Mg} (4_5) \rightarrow (4_3)$
Included in UQ



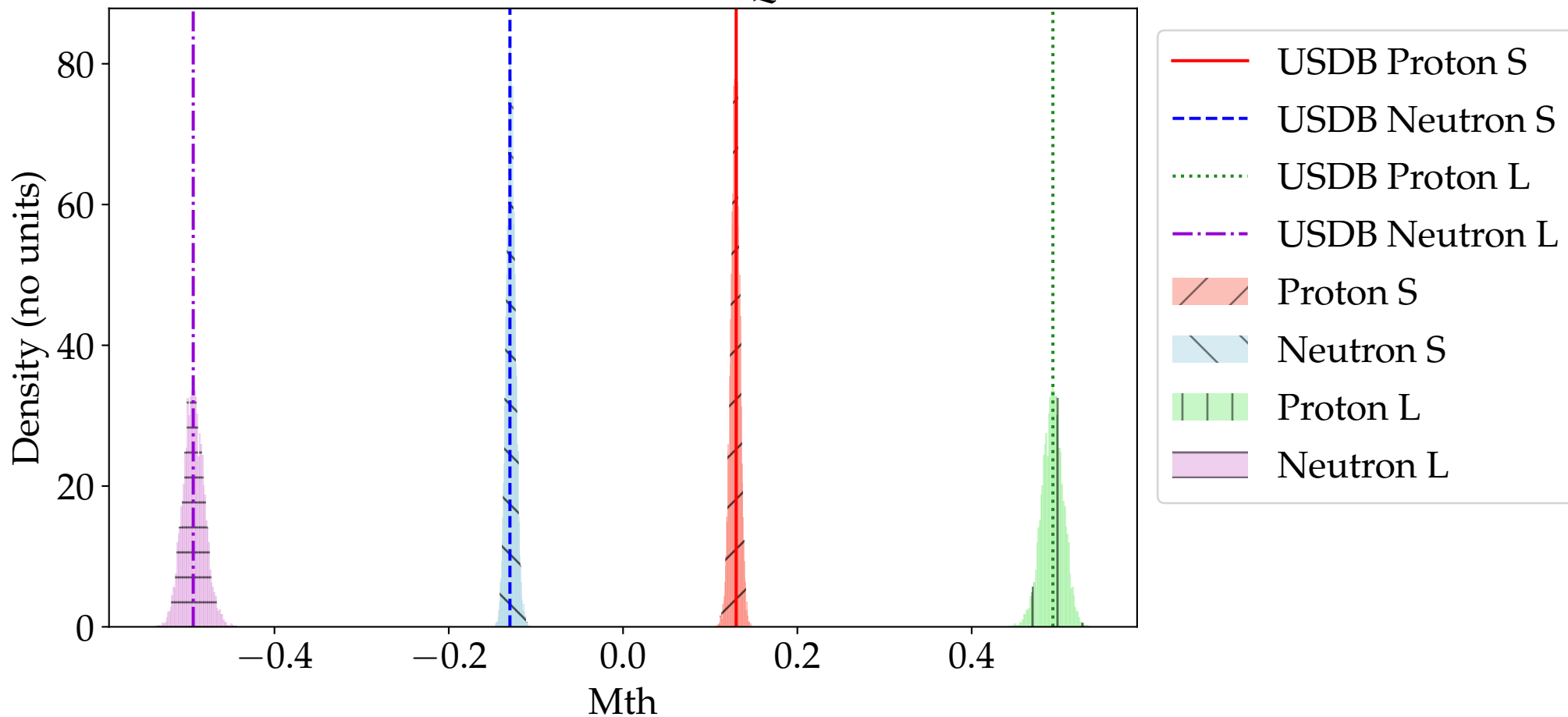
$^{31}\text{Mg} (3/2_1) \rightarrow (1/2_1)$
Included in UQ



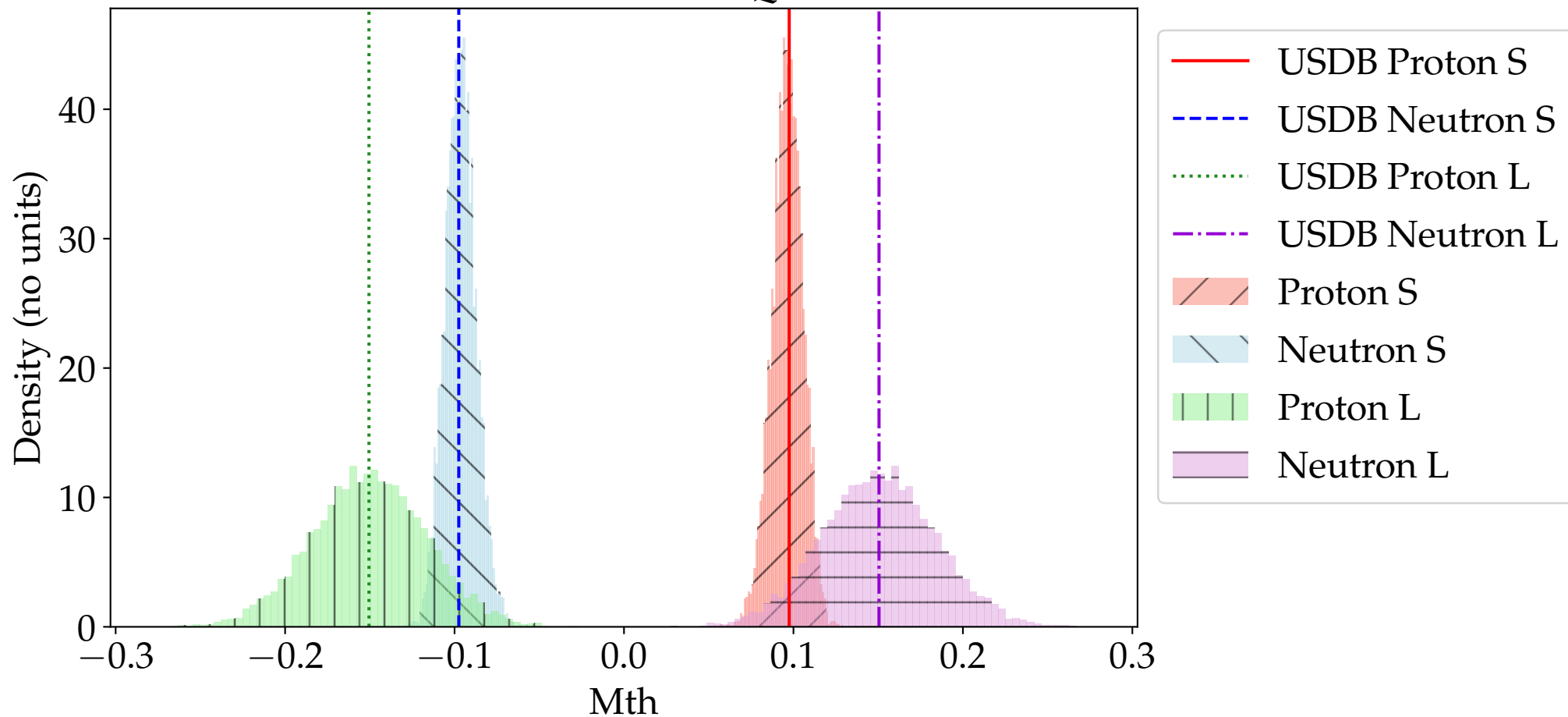
$^{25}\text{Al} (1/2_2) \rightarrow (1/2_1)$
Included in UQ



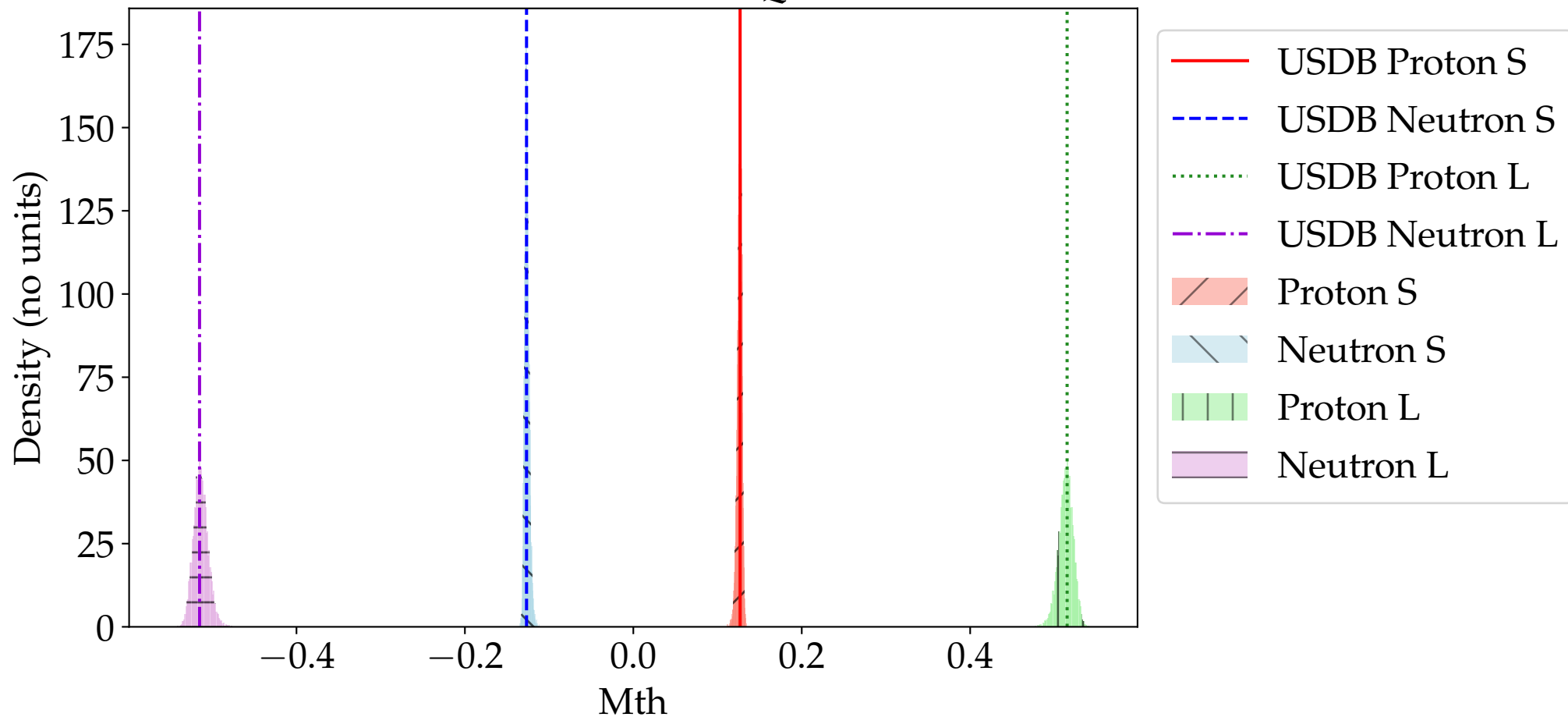
$^{26}\text{Al} (1_1) \rightarrow (0_1)$
Included in UQ



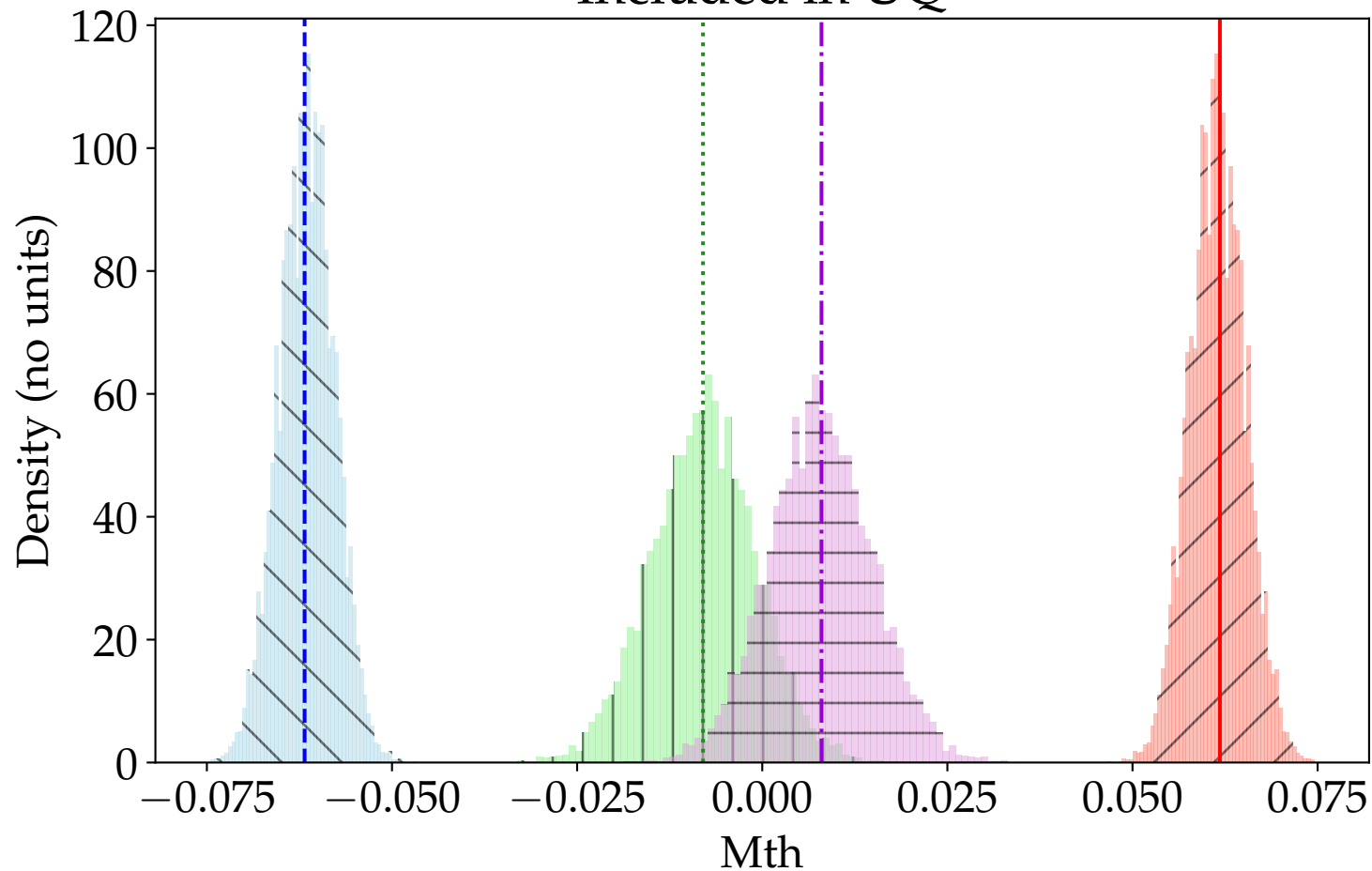
$^{26}\text{Al} (1_2) \rightarrow (0_1)$
Included in UQ



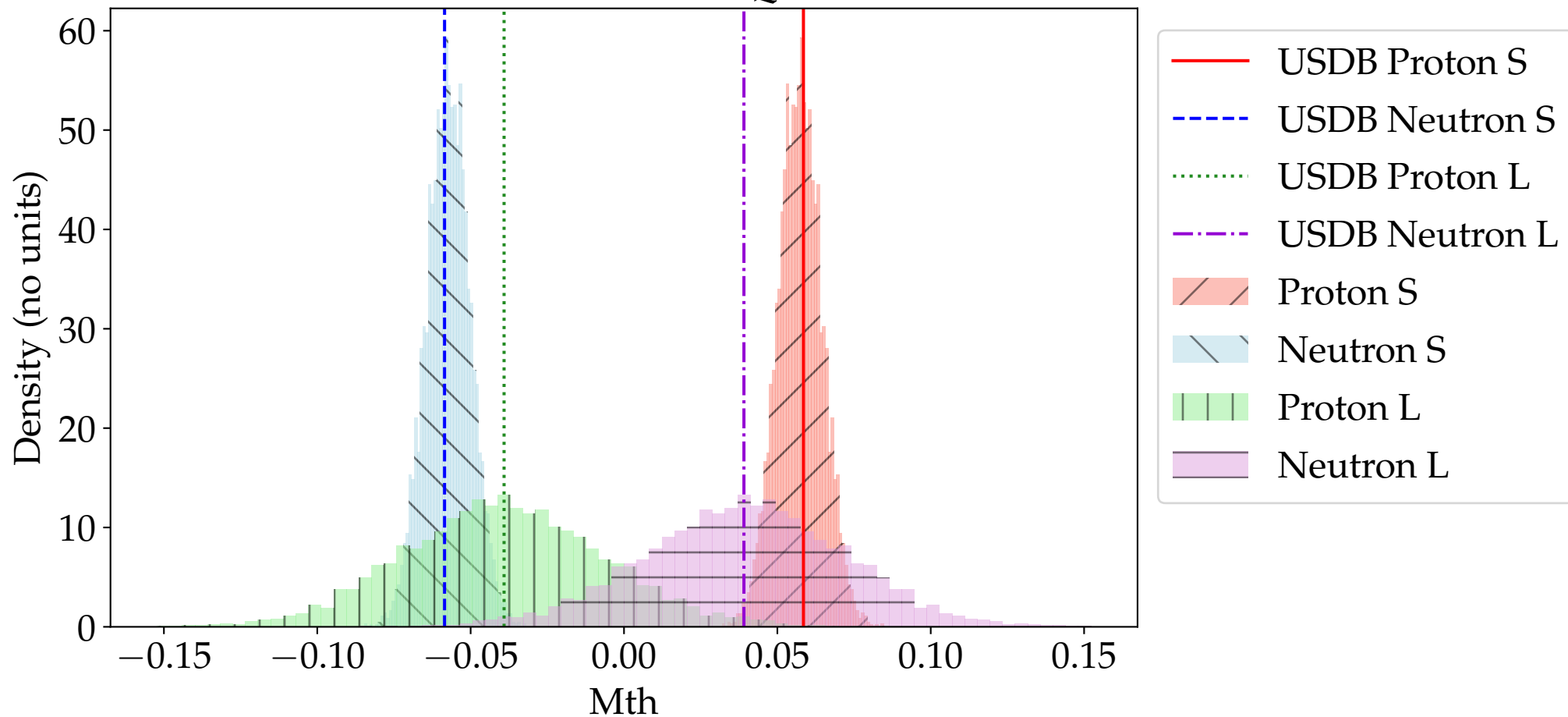
$^{26}\text{Al} (2_2) \rightarrow (1_1)$
Included in UQ



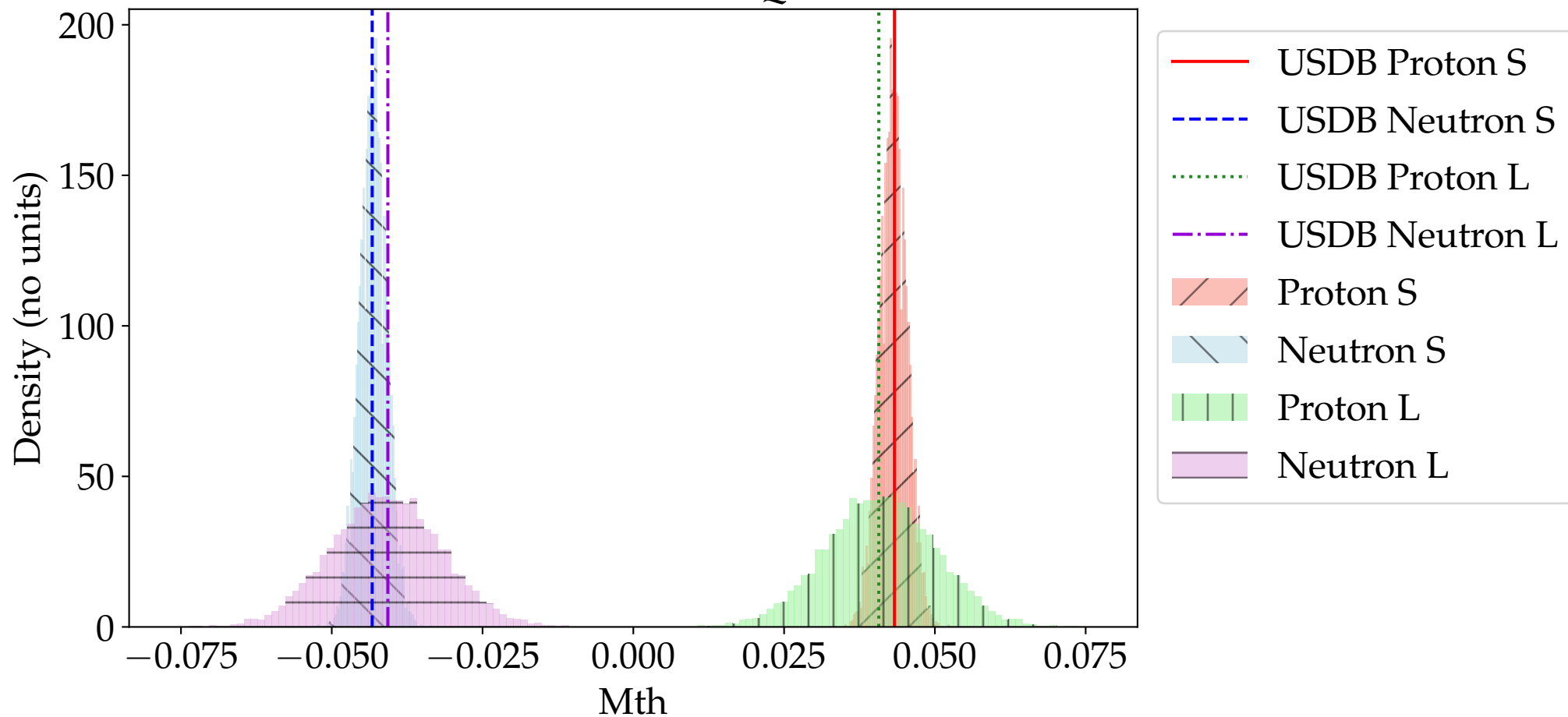
$^{26}\text{Al} (2_2) \rightarrow (2_1)$
Included in UQ



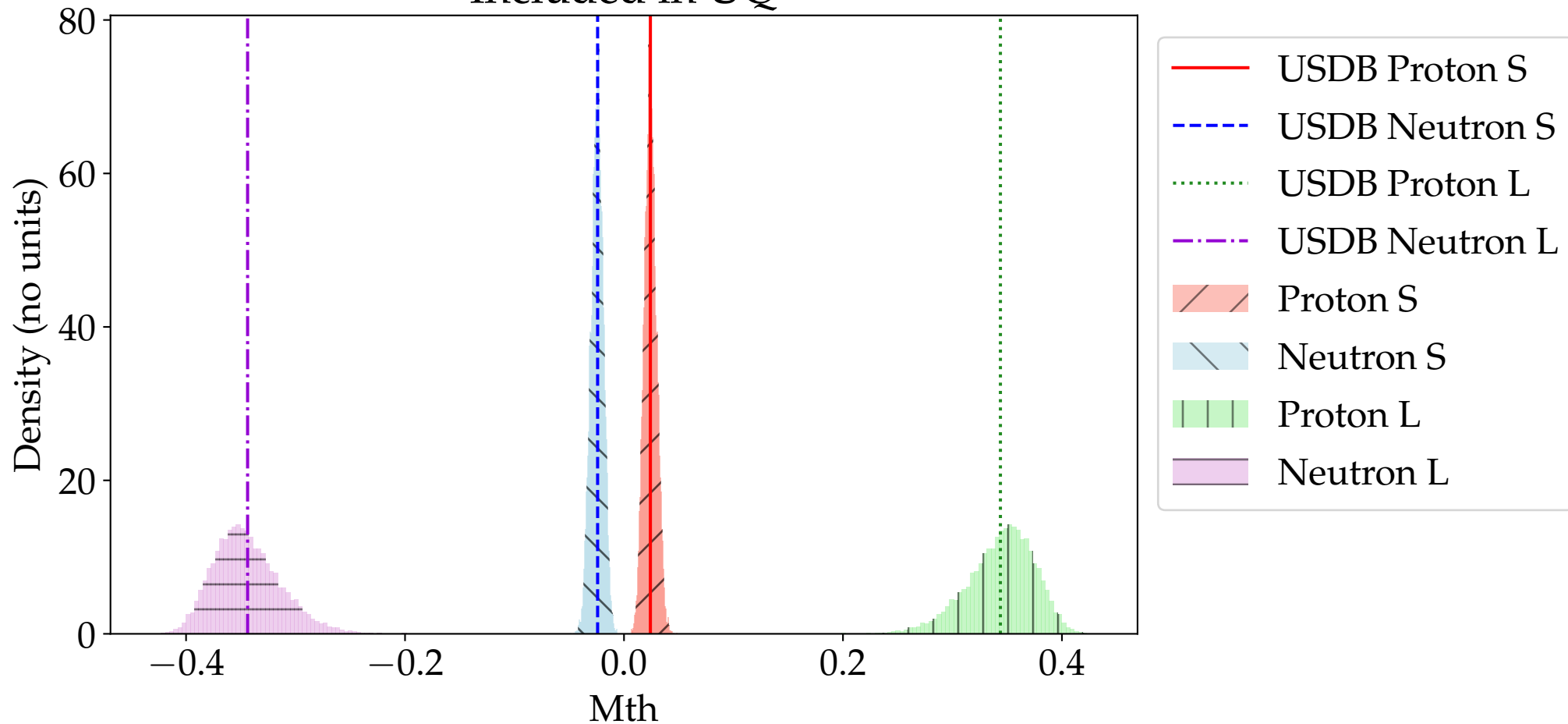
$^{26}\text{Al} (2_2) \rightarrow (1_2)$
Included in UQ



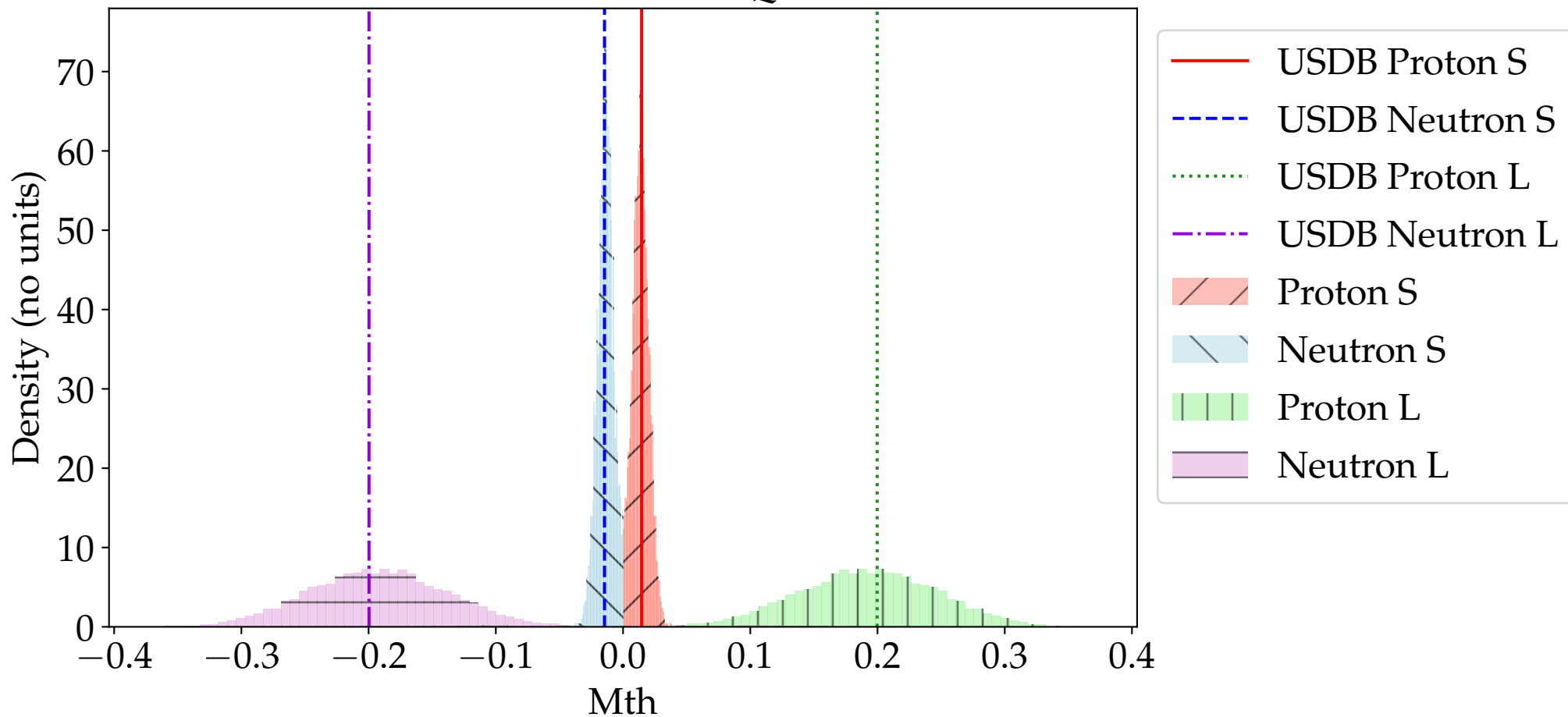
$^{26}\text{Al} (2_2) \rightarrow (3_1)$
Included in UQ



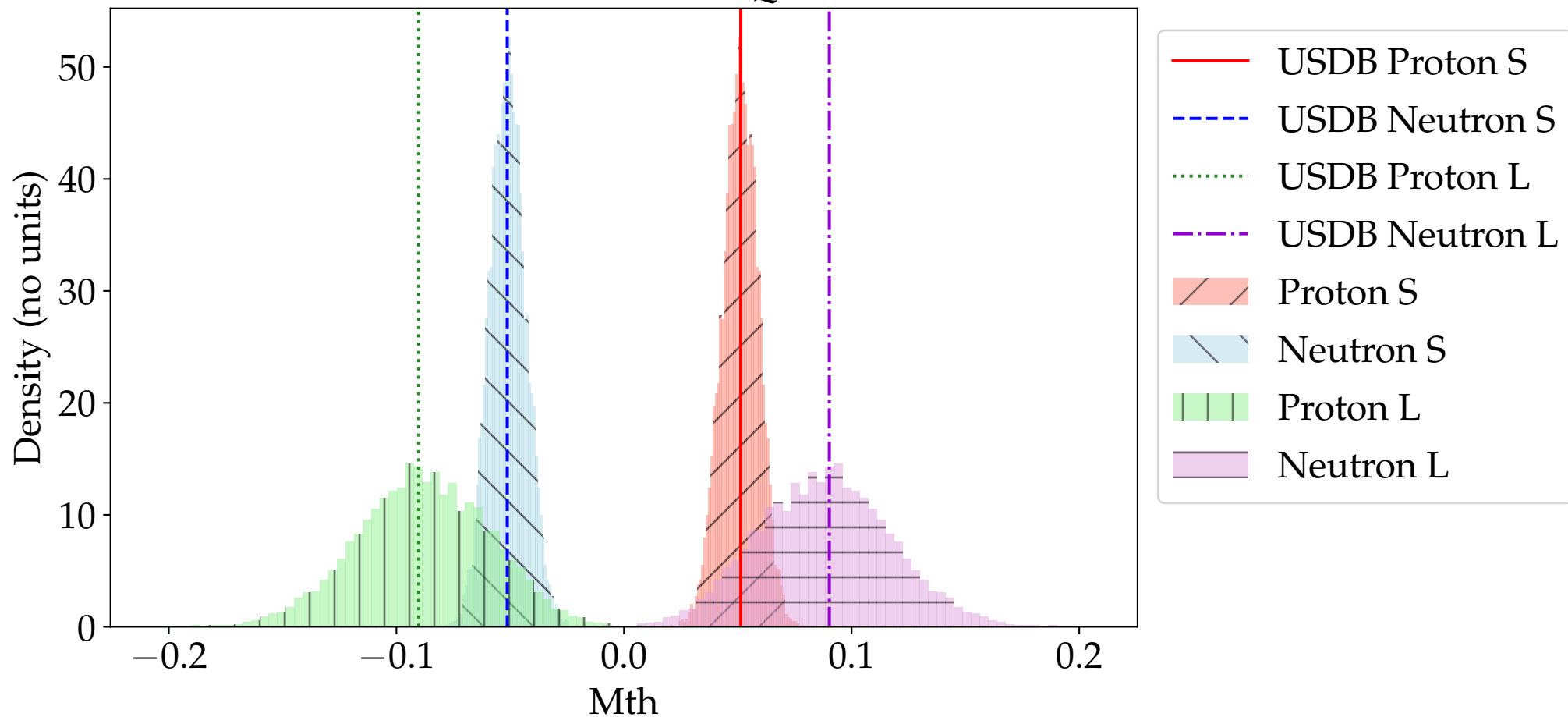
$^{26}\text{Al} (3_2) \rightarrow (2_2)$
Included in UQ



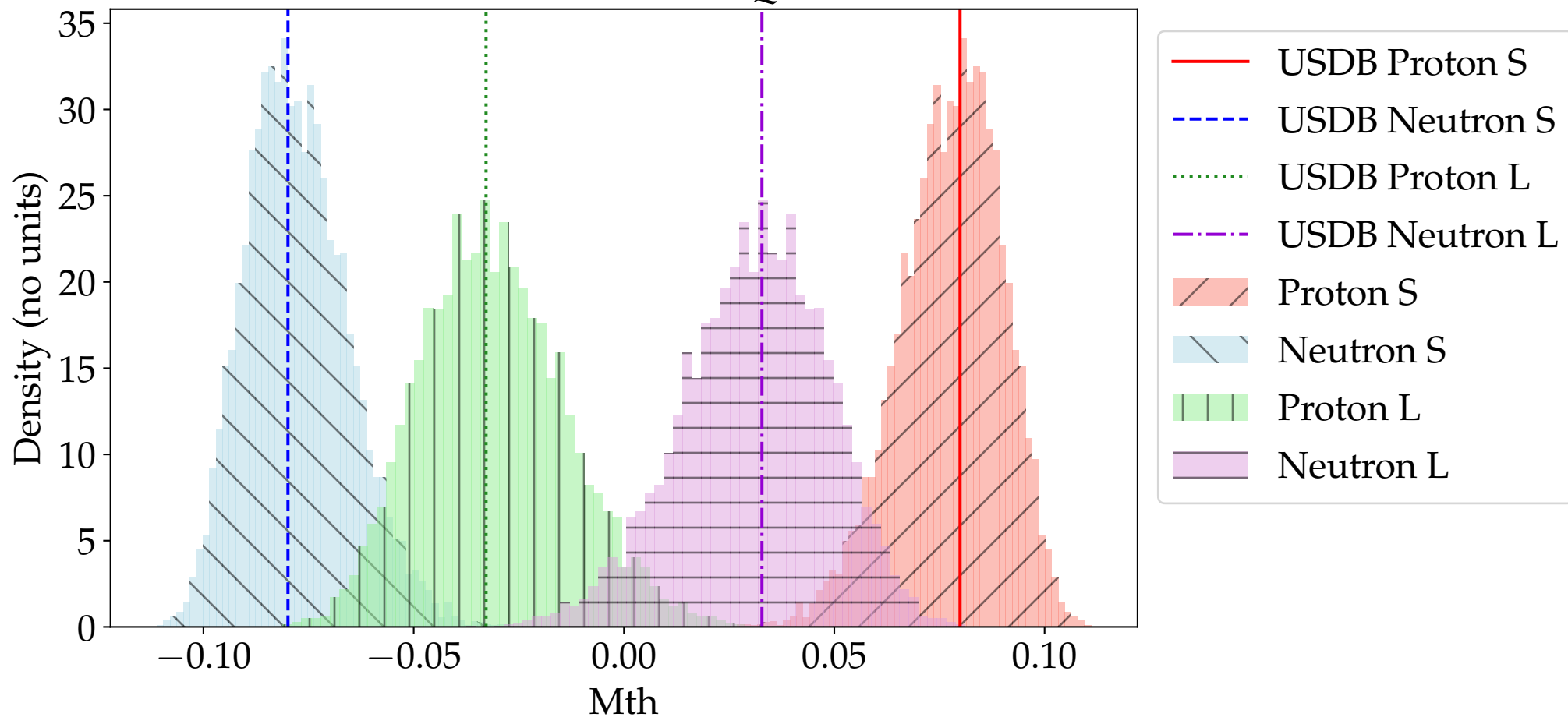
$^{26}\text{Al} (3_3) \rightarrow (2_2)$
Included in UQ



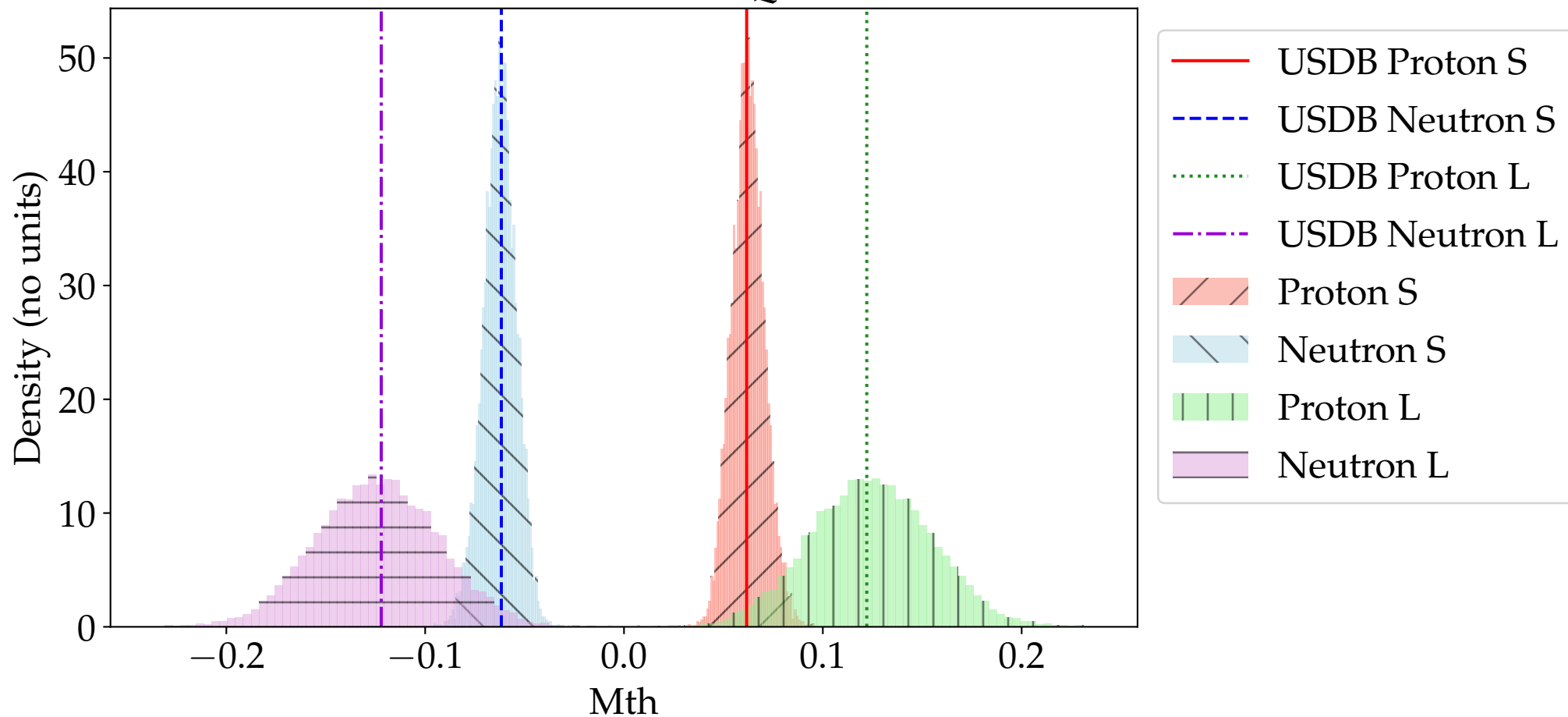
$^{26}\text{Al} (1_4) \rightarrow (0_1)$
Included in UQ



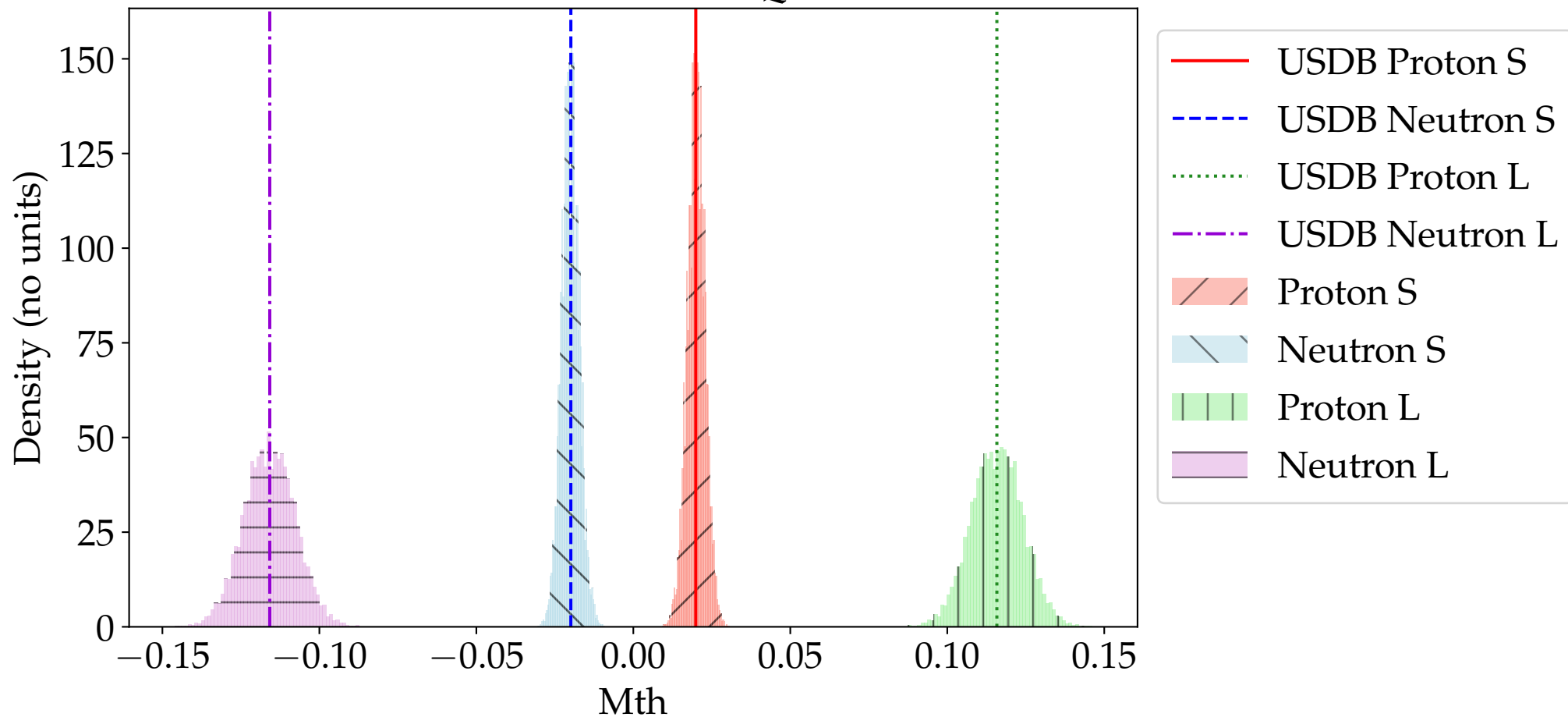
$^{26}\text{Al} (2_4) \rightarrow (2_2)$
Included in UQ



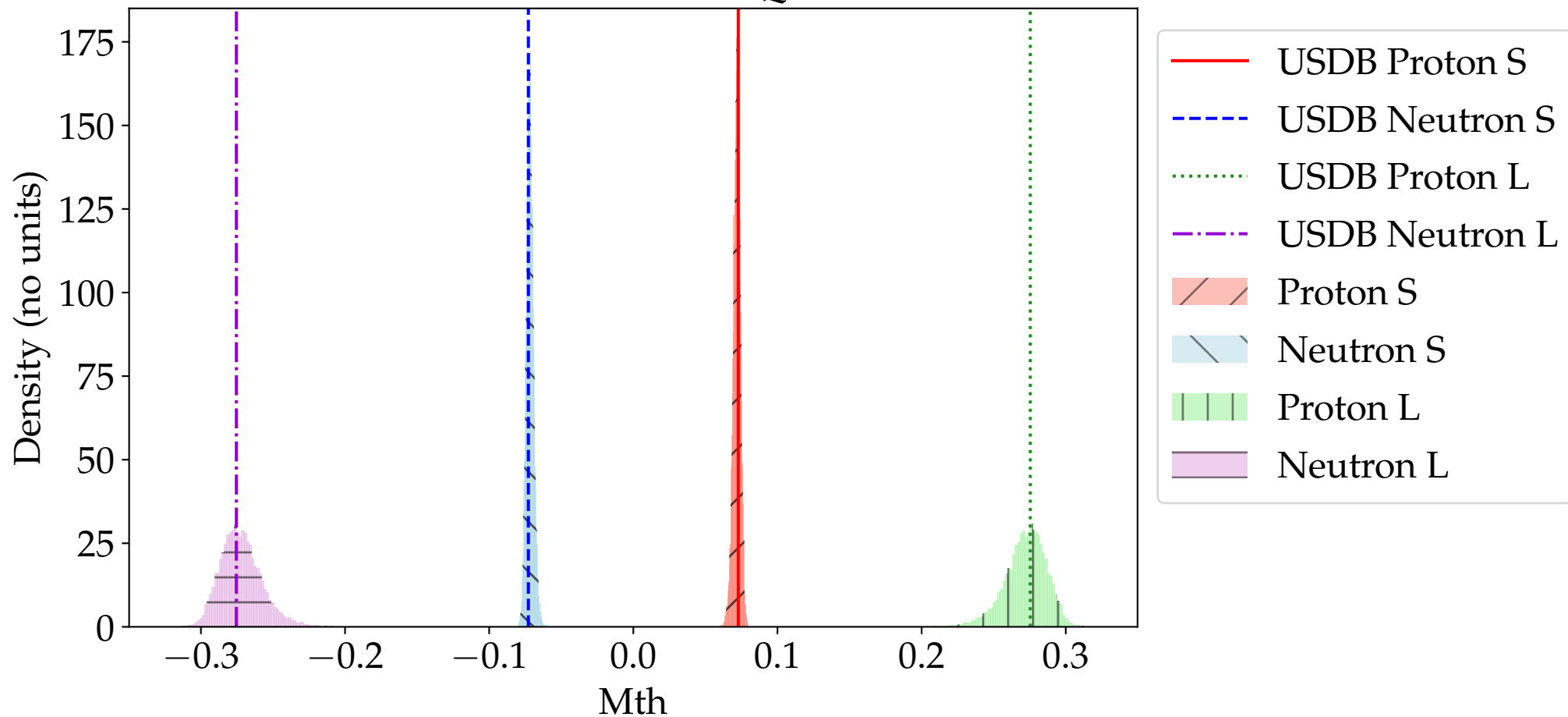
$^{26}\text{Al} (3_4) \rightarrow (2_2)$
Included in UQ



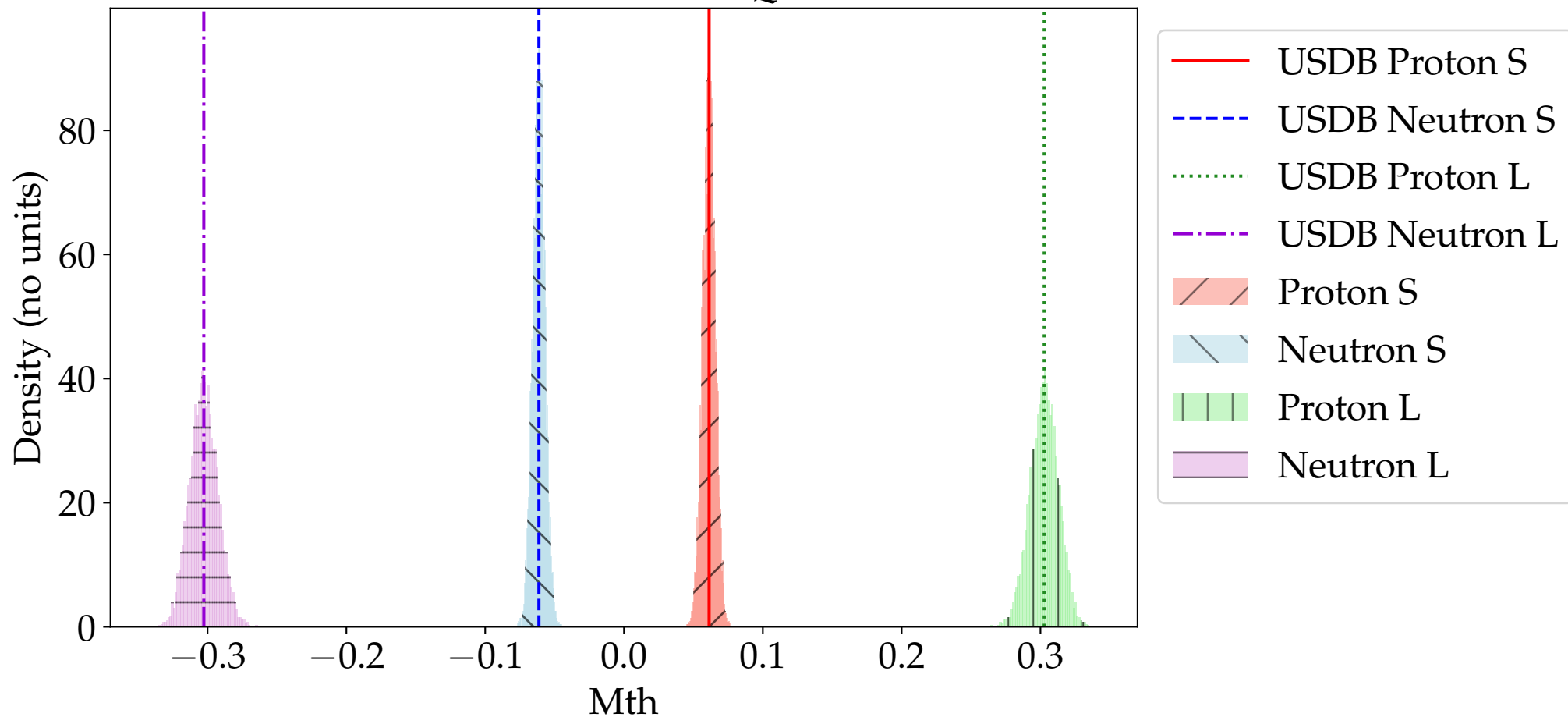
$^{26}\text{Al} (2_5) \rightarrow (1_1)$
Included in UQ



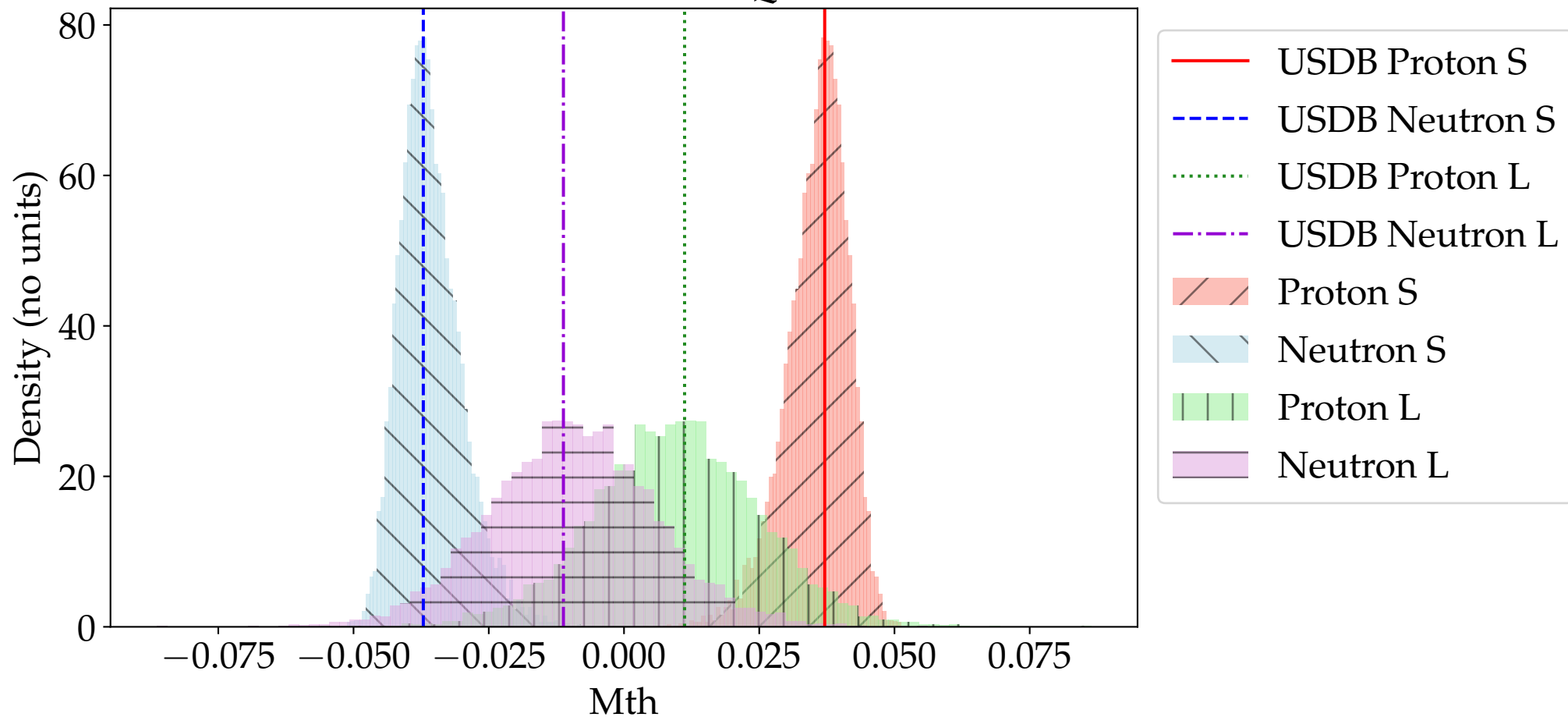
$^{26}\text{Al} (2_5) \rightarrow (3_3)$
Included in UQ



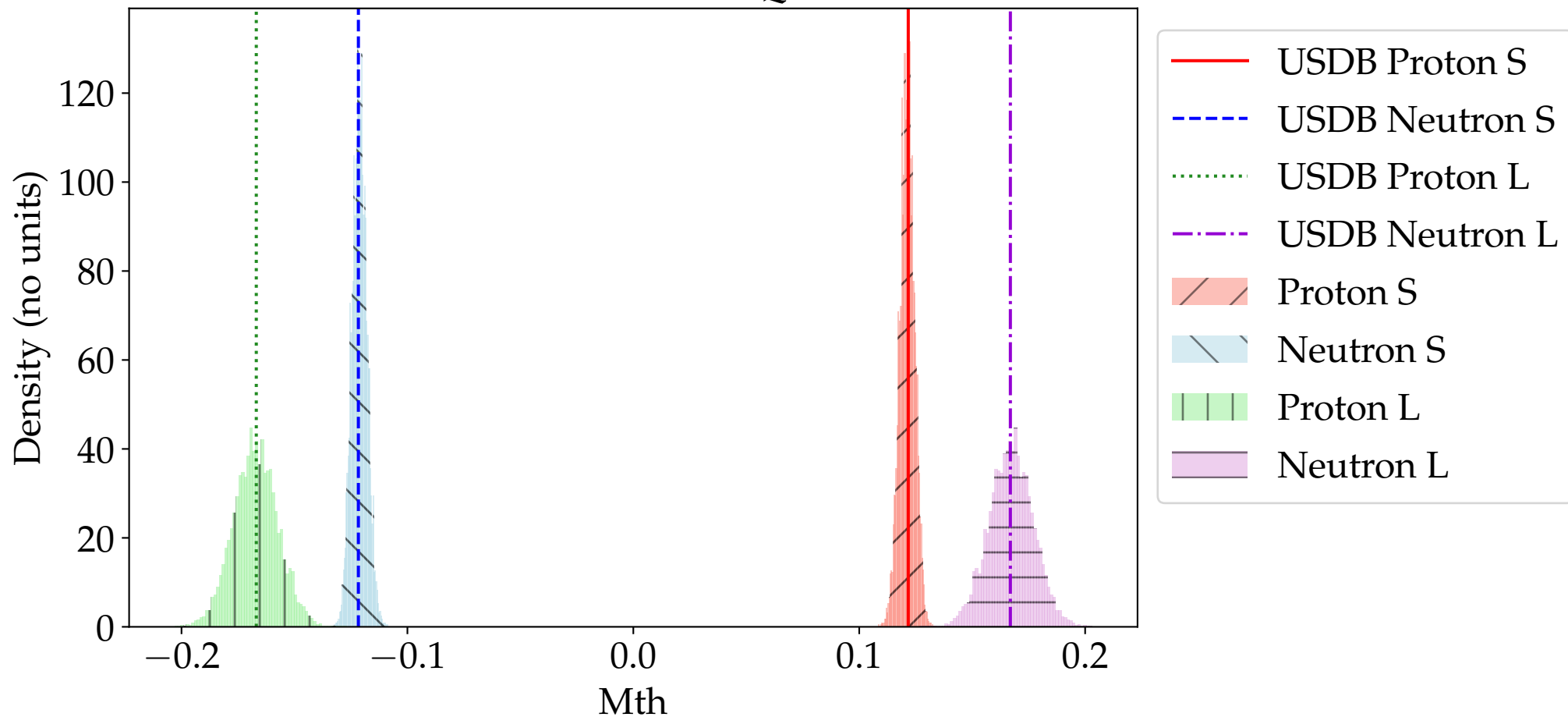
$^{26}\text{Al} (2_5) \rightarrow (2_1)$
Included in UQ



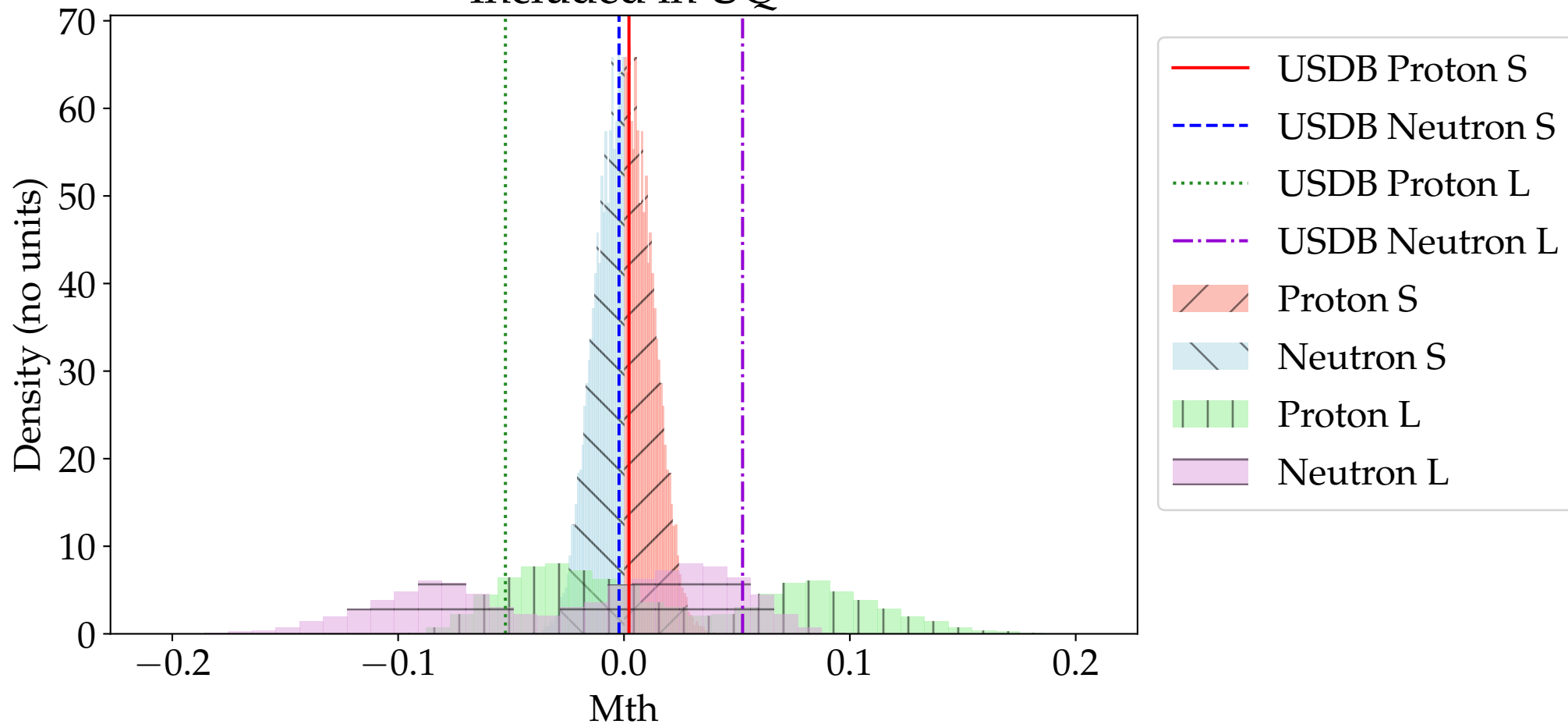
$^{26}\text{Al} (2_5) \rightarrow (1_3)$
Included in UQ



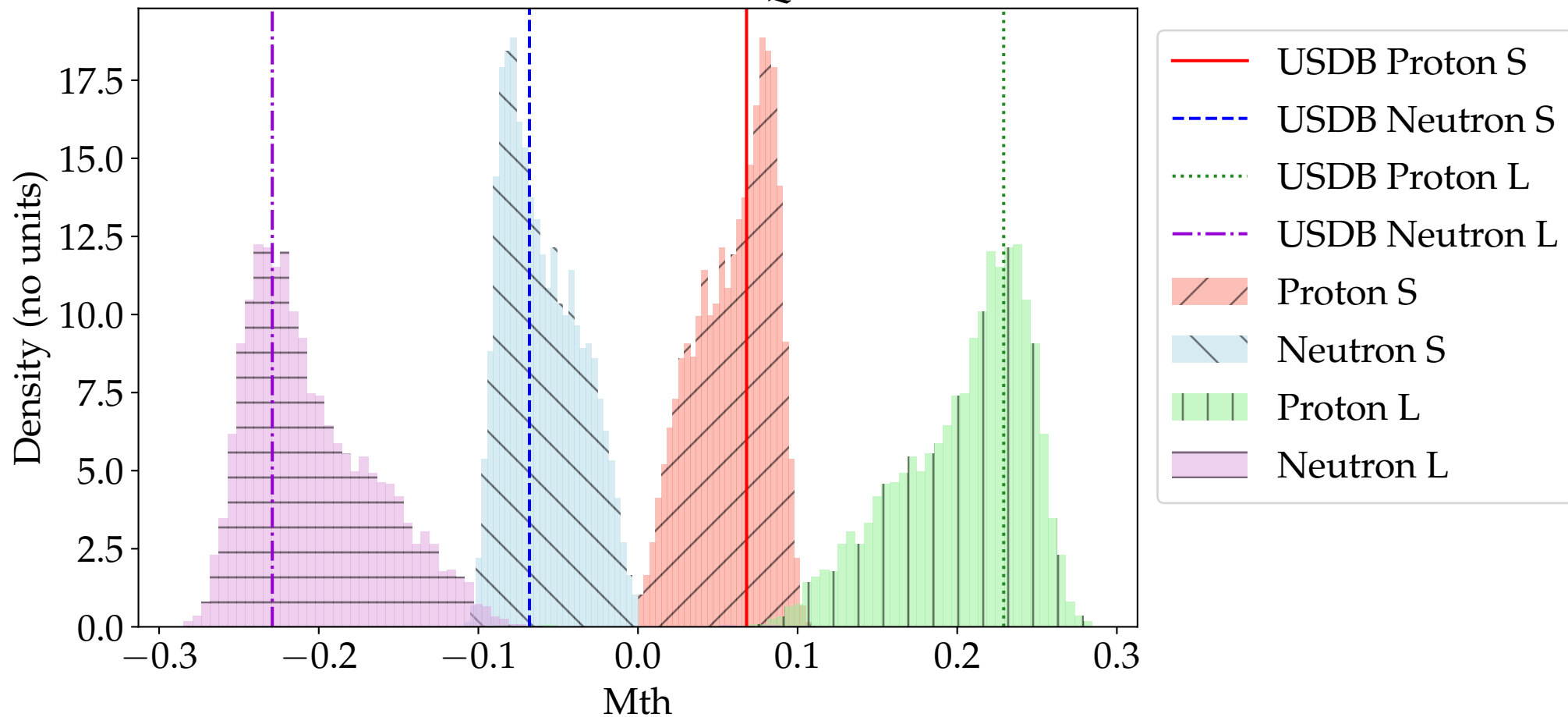
$^{26}\text{Al} (2_5) \rightarrow (3_1)$
Included in UQ



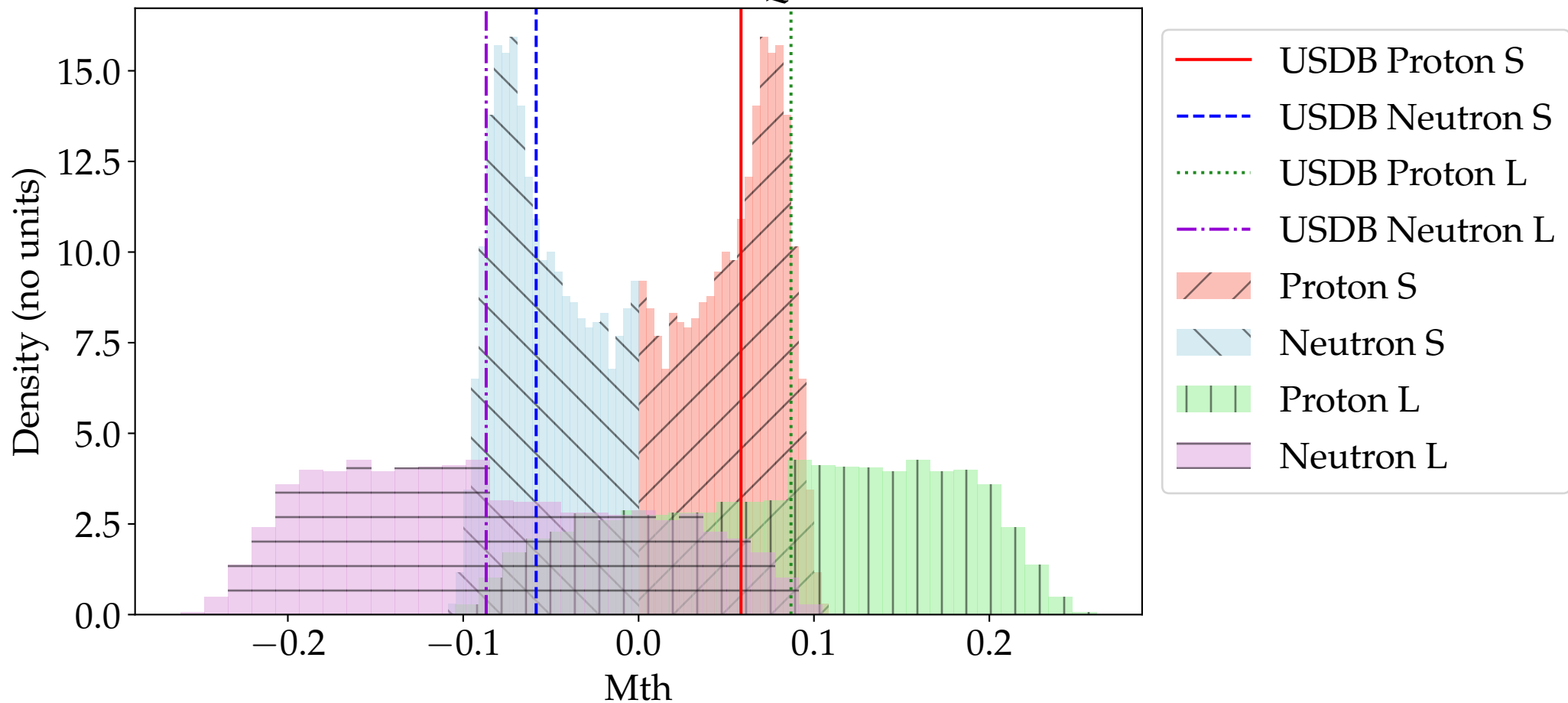
$^{26}\text{Al} (2_5) \rightarrow (3_2)$
Included in UQ



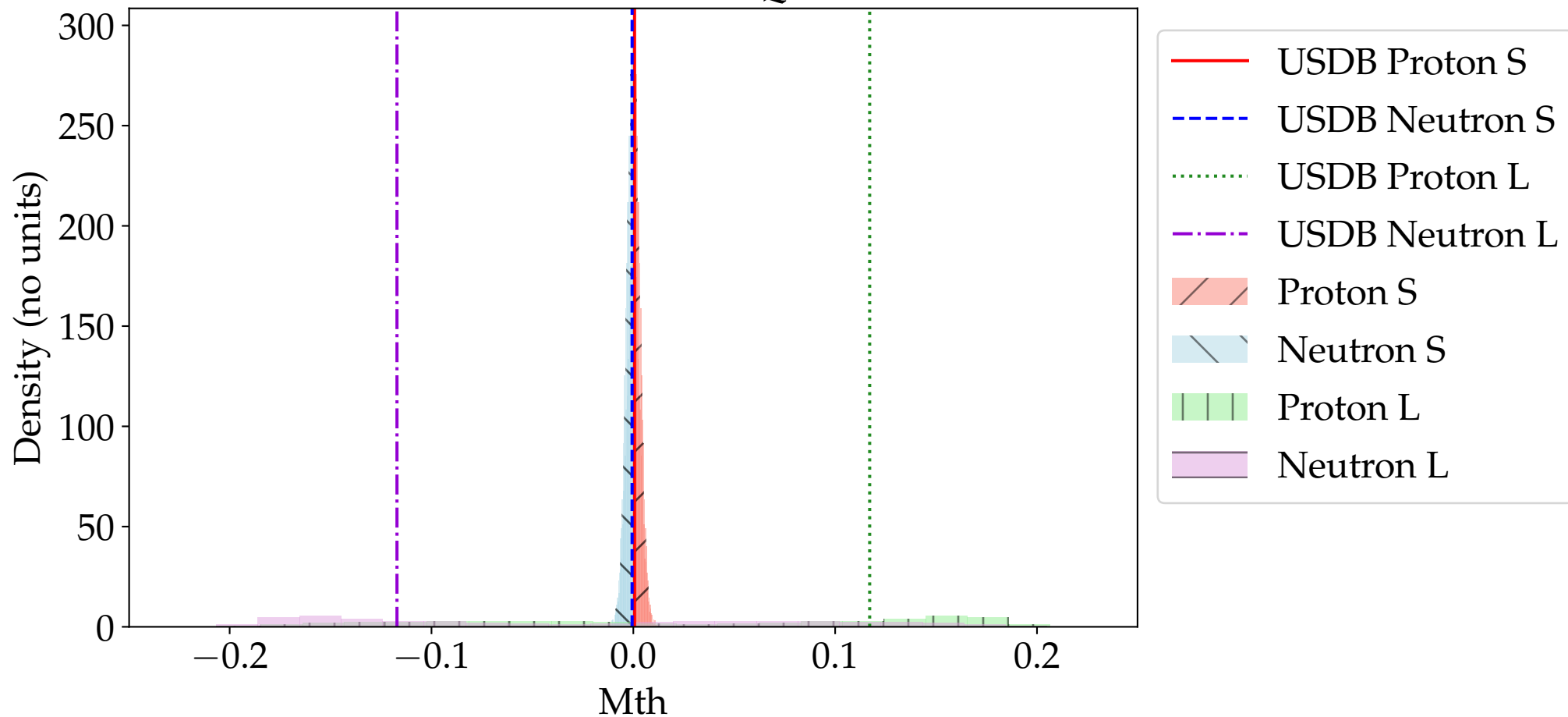
$^{26}\text{Al} (3_5) \rightarrow (2_2)$
Included in UQ



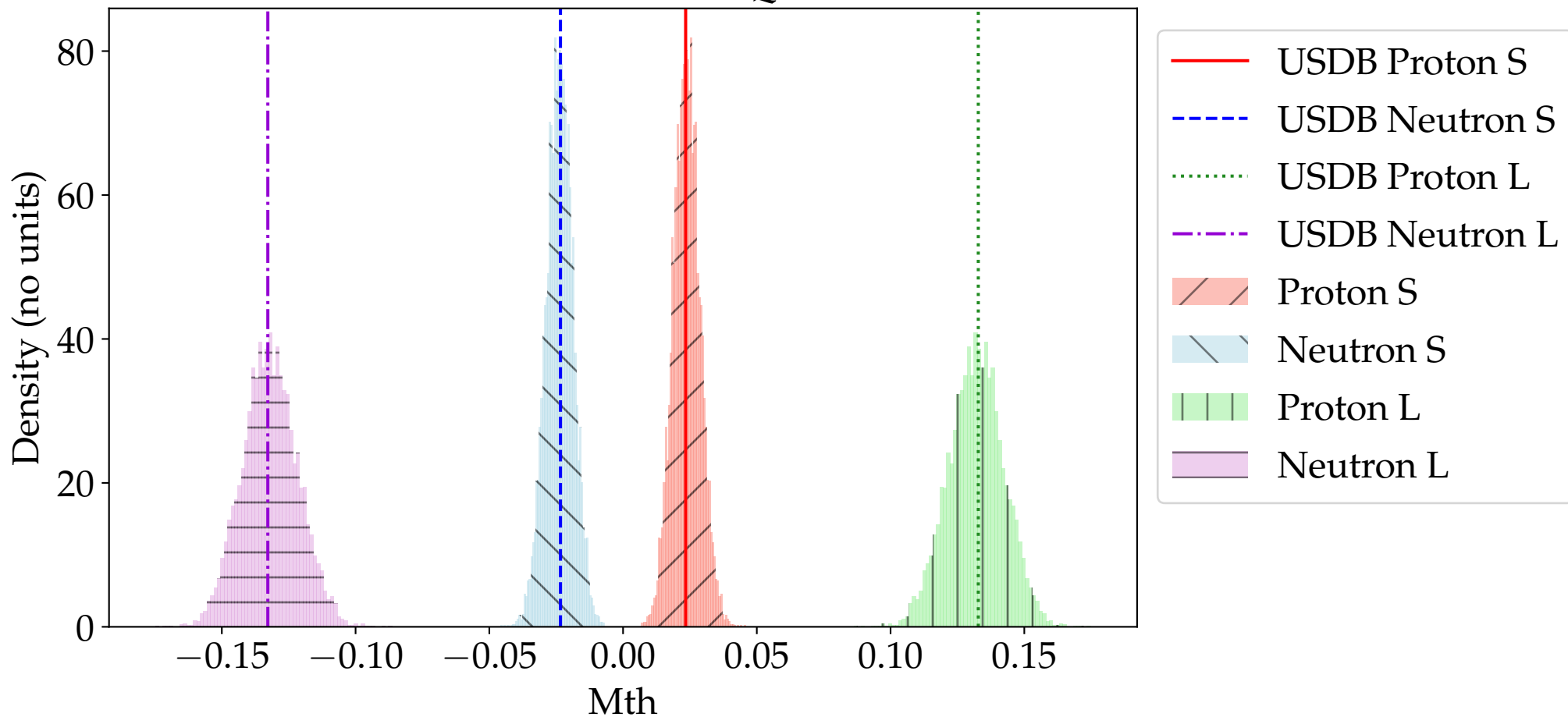
$^{26}\text{Al} (3_6) \rightarrow (2_2)$
Included in UQ



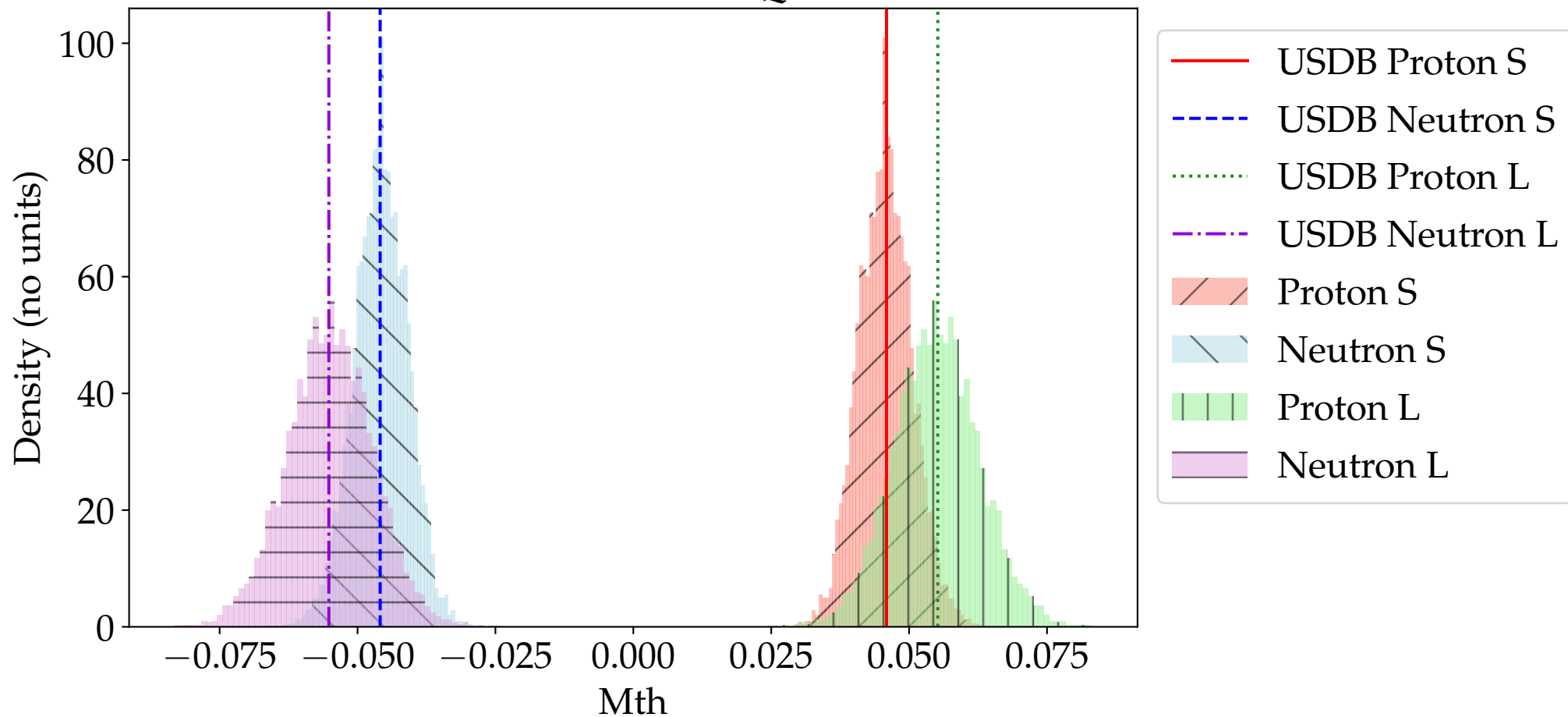
$^{26}\text{Al} (3_6) \rightarrow (2_5)$
Included in UQ



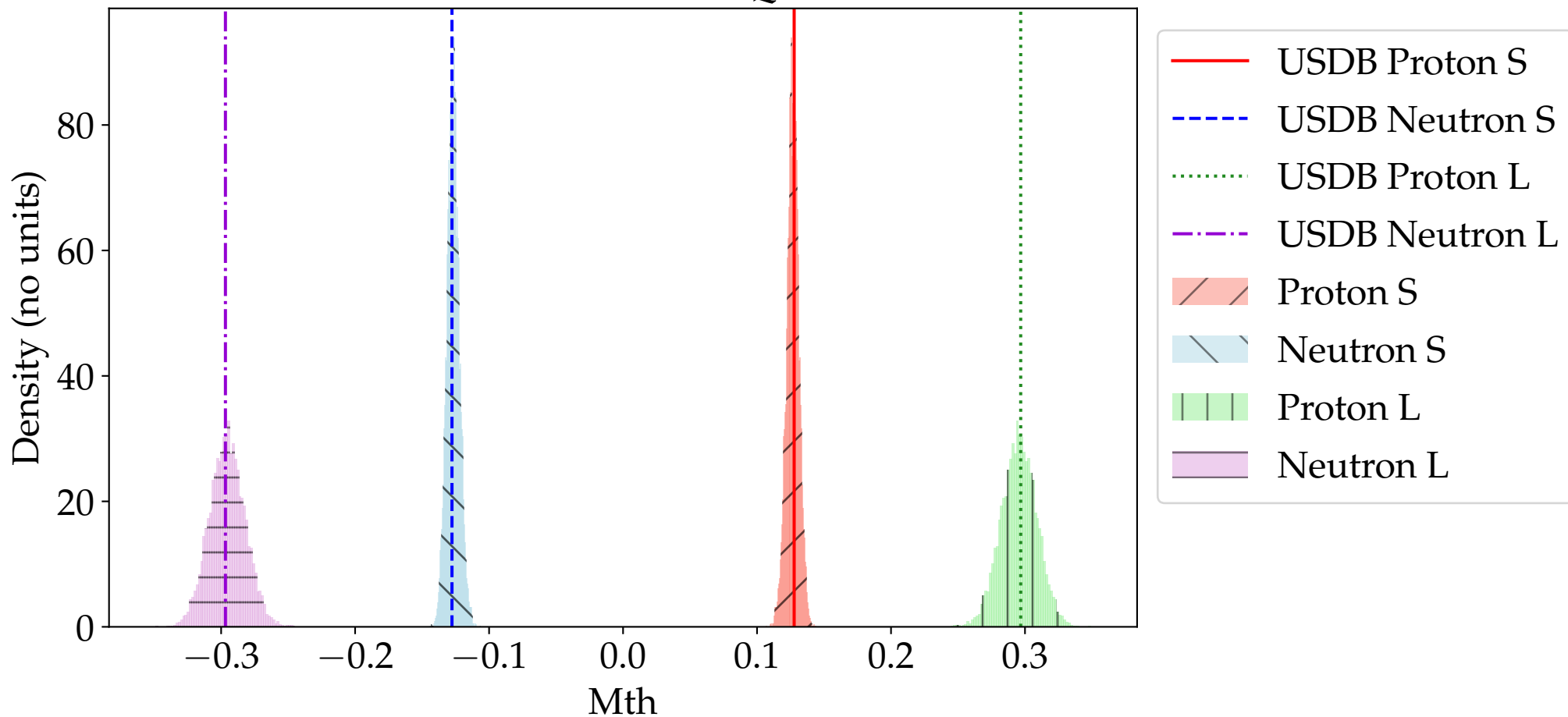
$^{26}\text{Al} (1_5) \rightarrow (0_1)$
Included in UQ



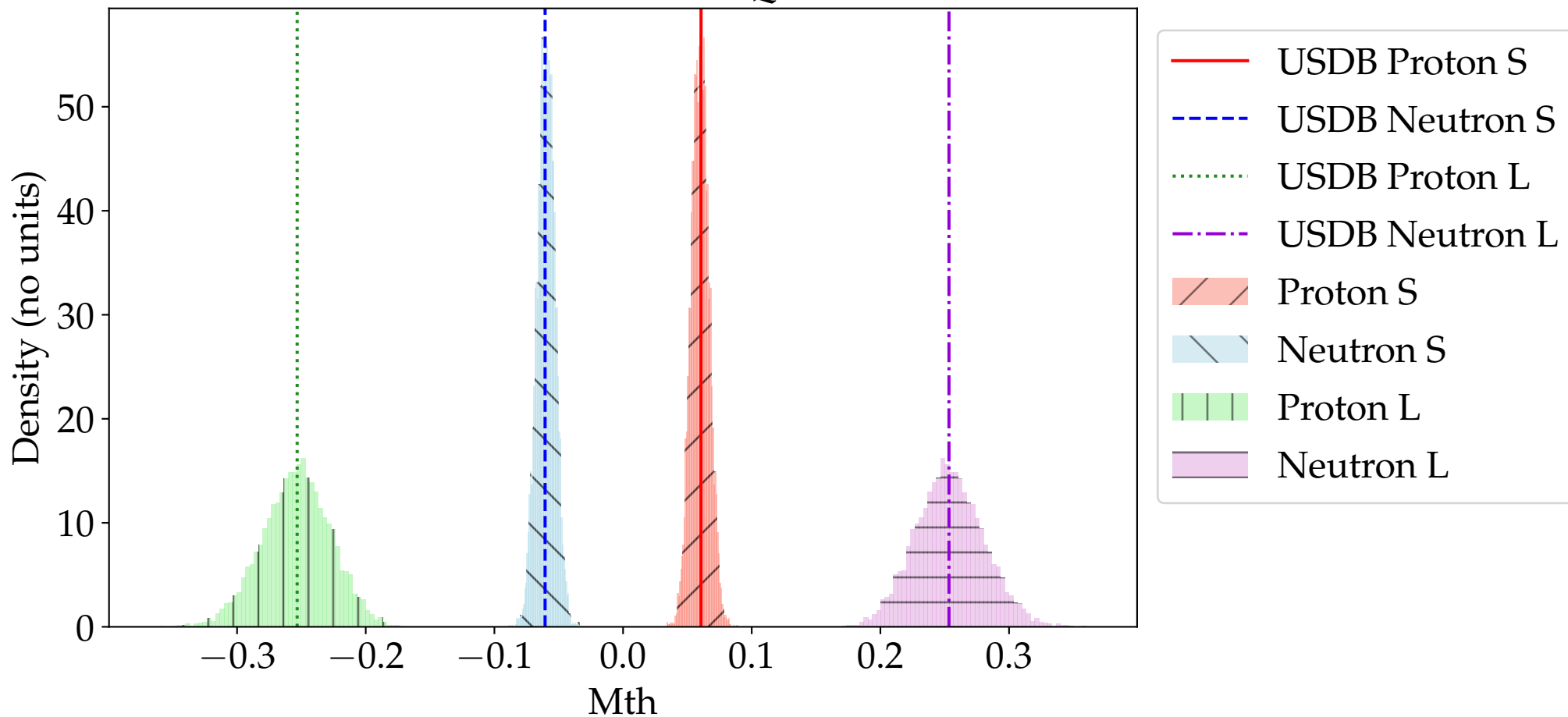
$^{26}\text{Al} (2_6) \rightarrow (2_2)$
Included in UQ



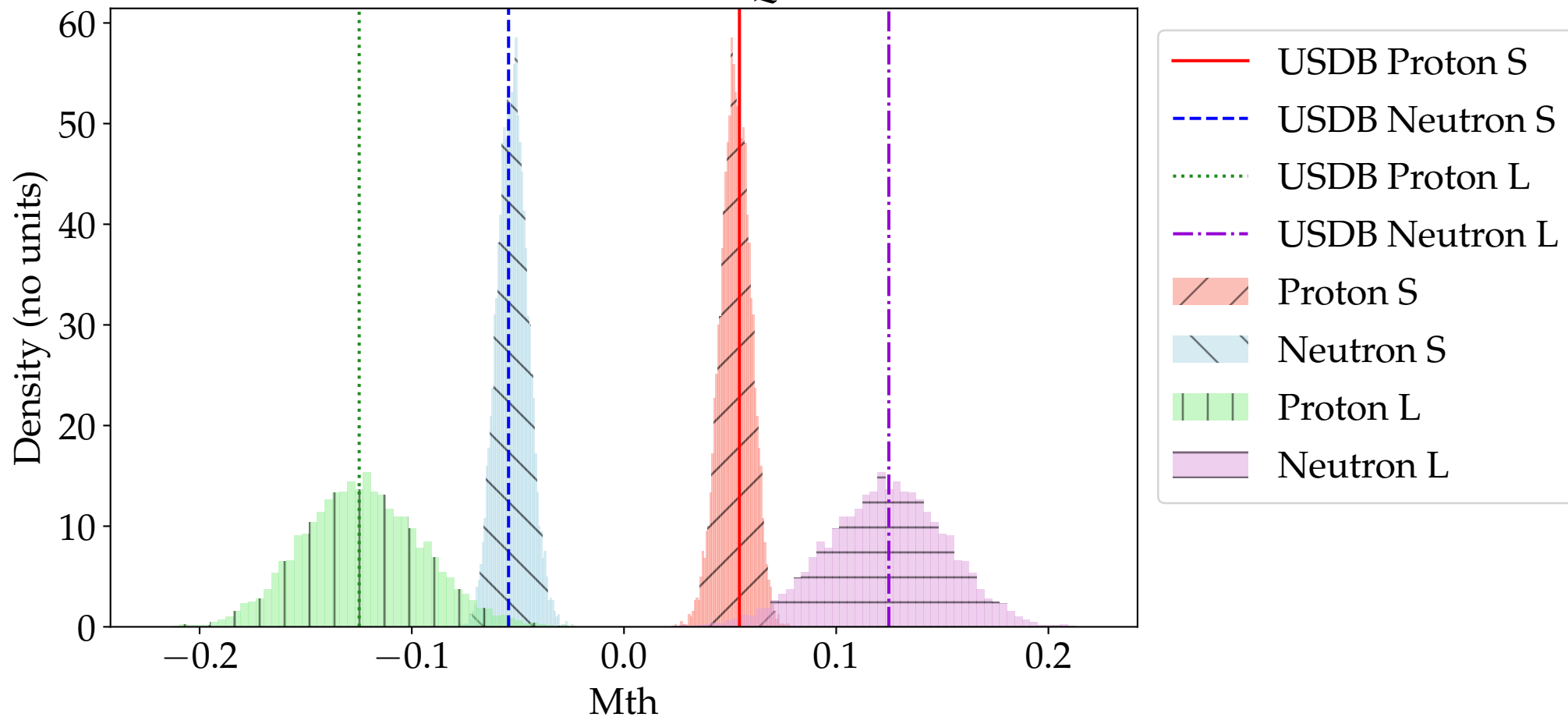
$^{26}\text{Al} (2_6) \rightarrow (2_5)$
Included in UQ



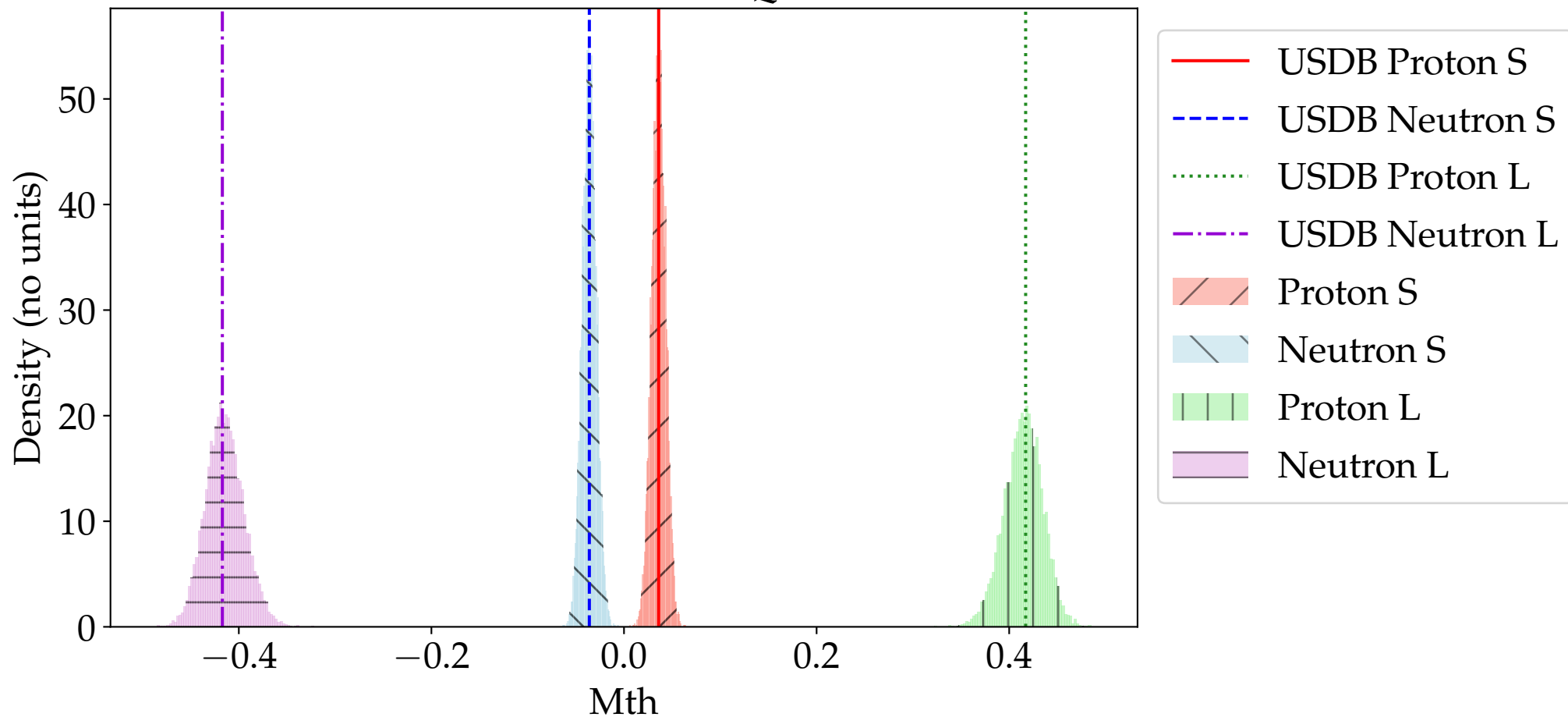
$^{26}\text{Al} (0_2) \rightarrow (1_3)$
Included in UQ



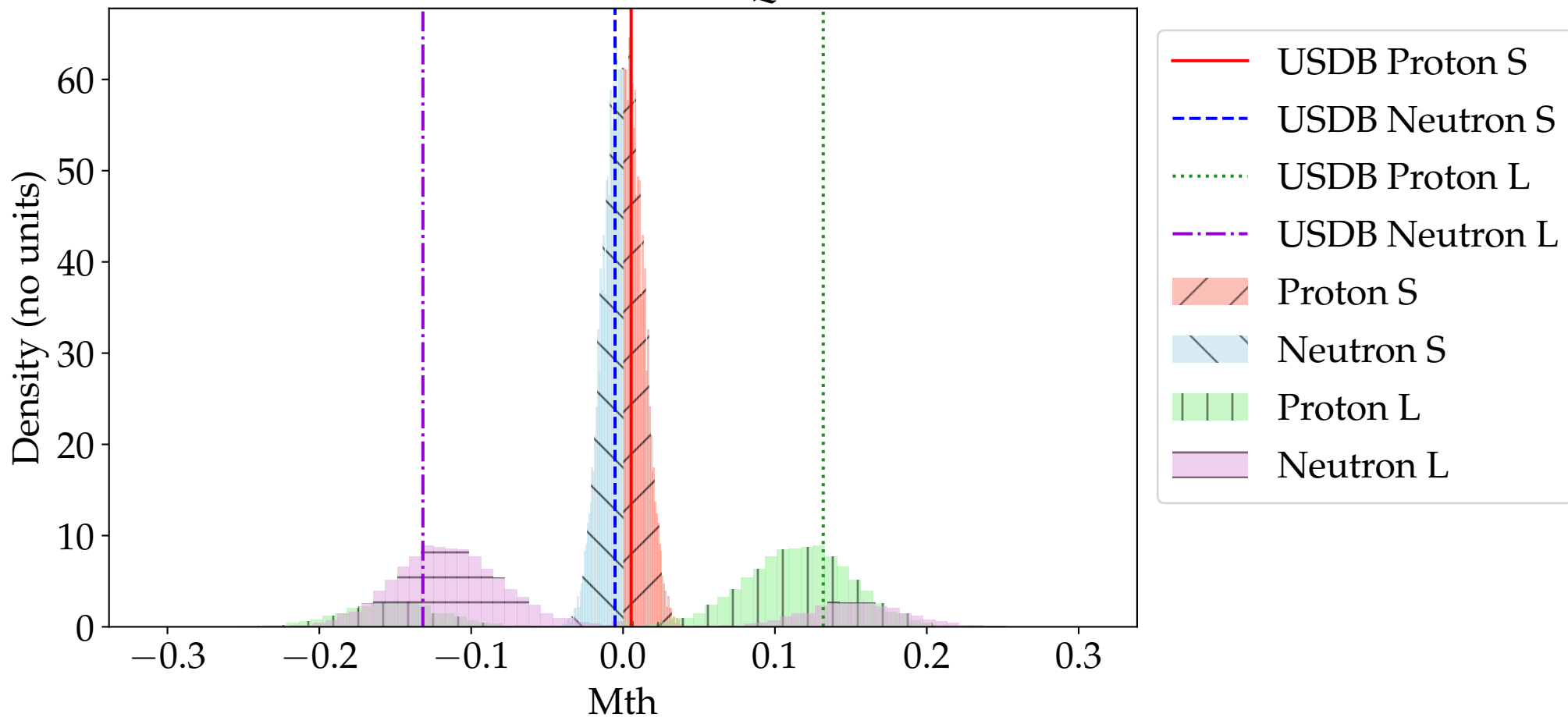
$^{26}\text{Al} (0_2) \rightarrow (1_4)$
Included in UQ



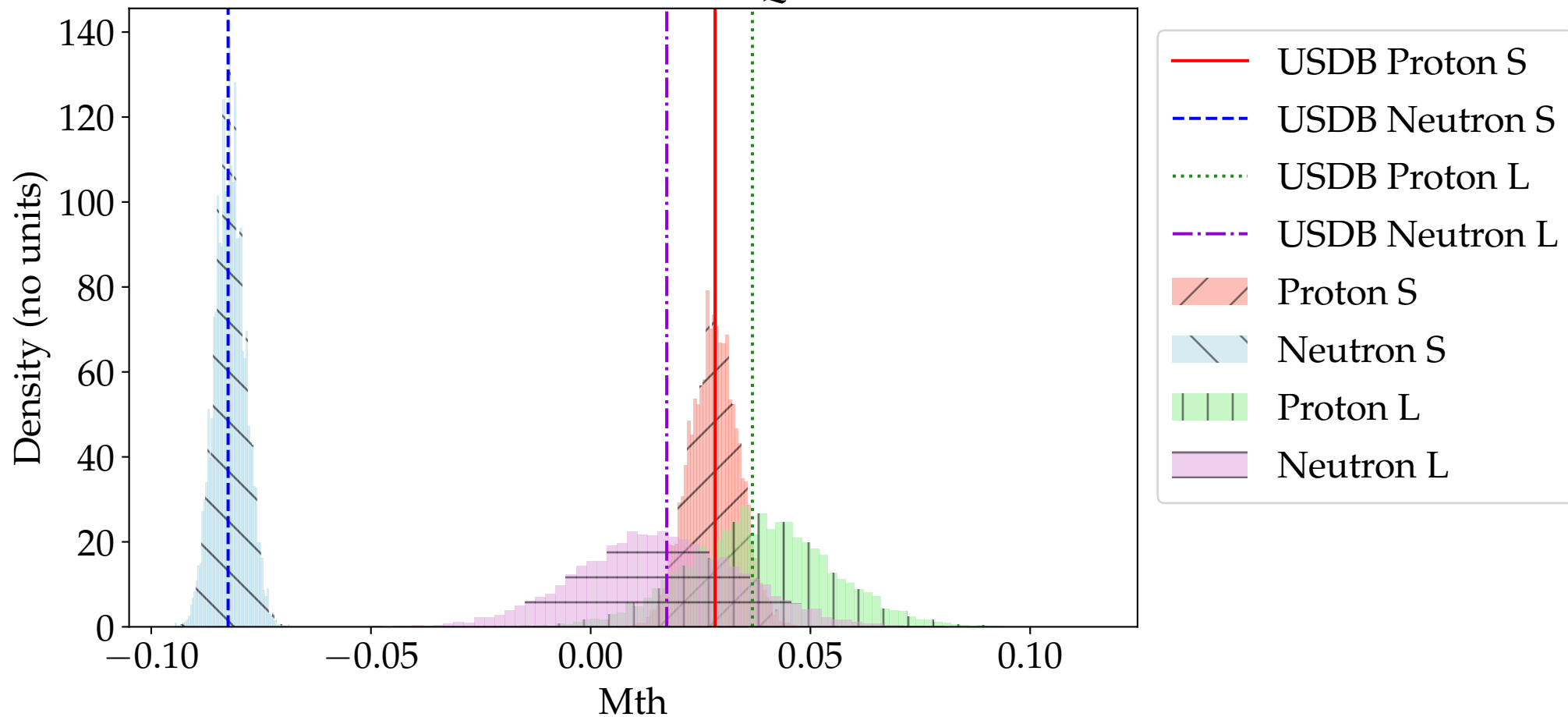
$^{26}\text{Al} (0_2) \rightarrow (1_1)$
Included in UQ



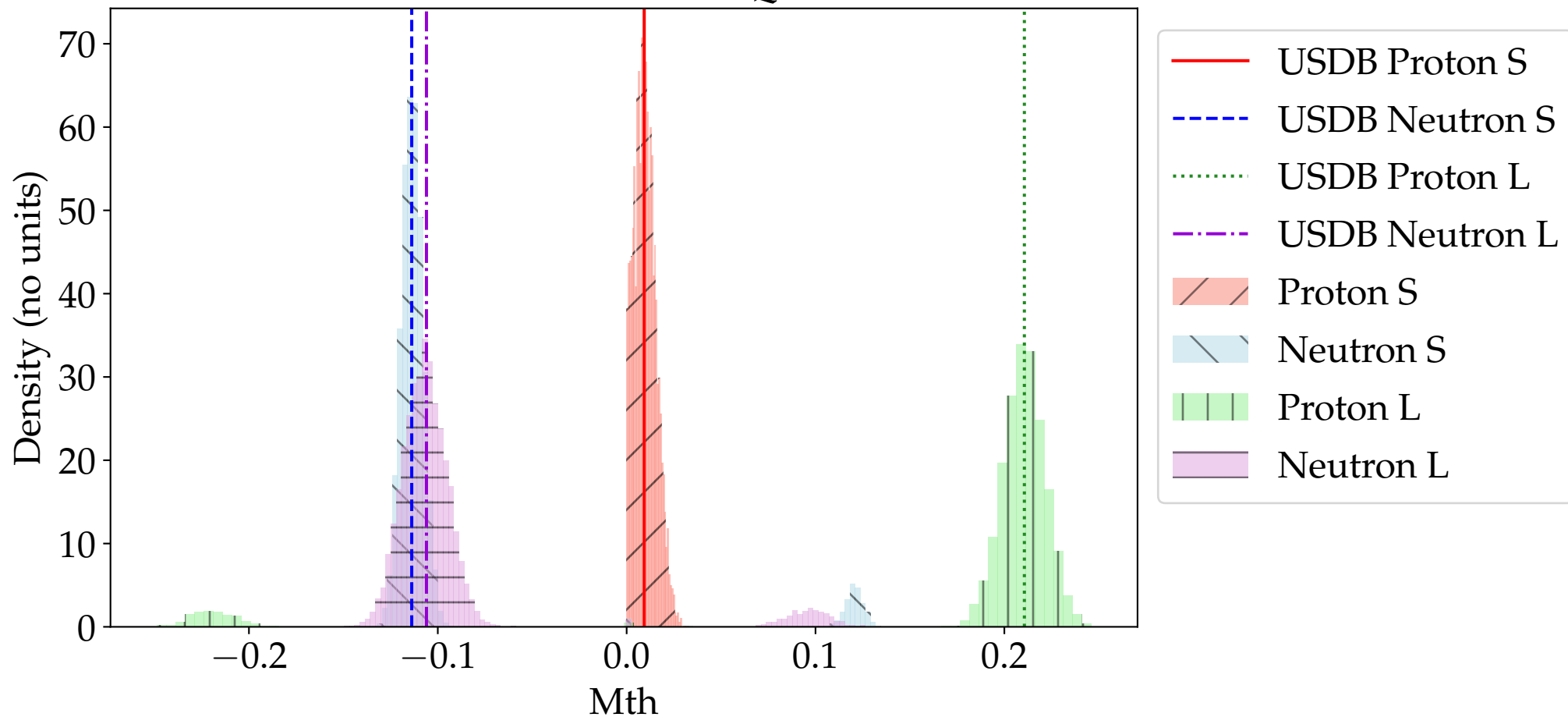
$^{26}\text{Al} (0_2) \rightarrow (1_2)$
Included in UQ



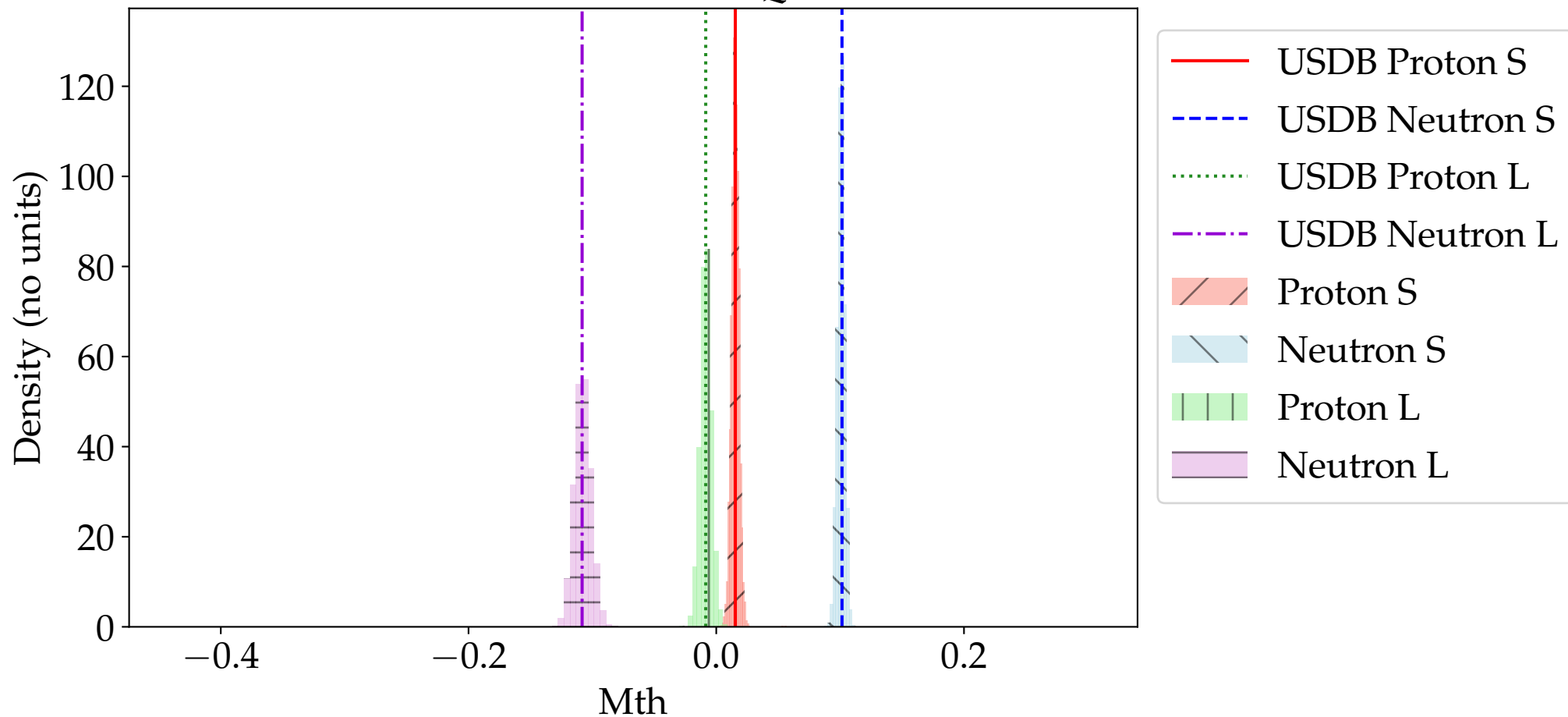
$^{27}\text{Al} (9/2_3) \rightarrow (11/2_1)$
Included in UQ



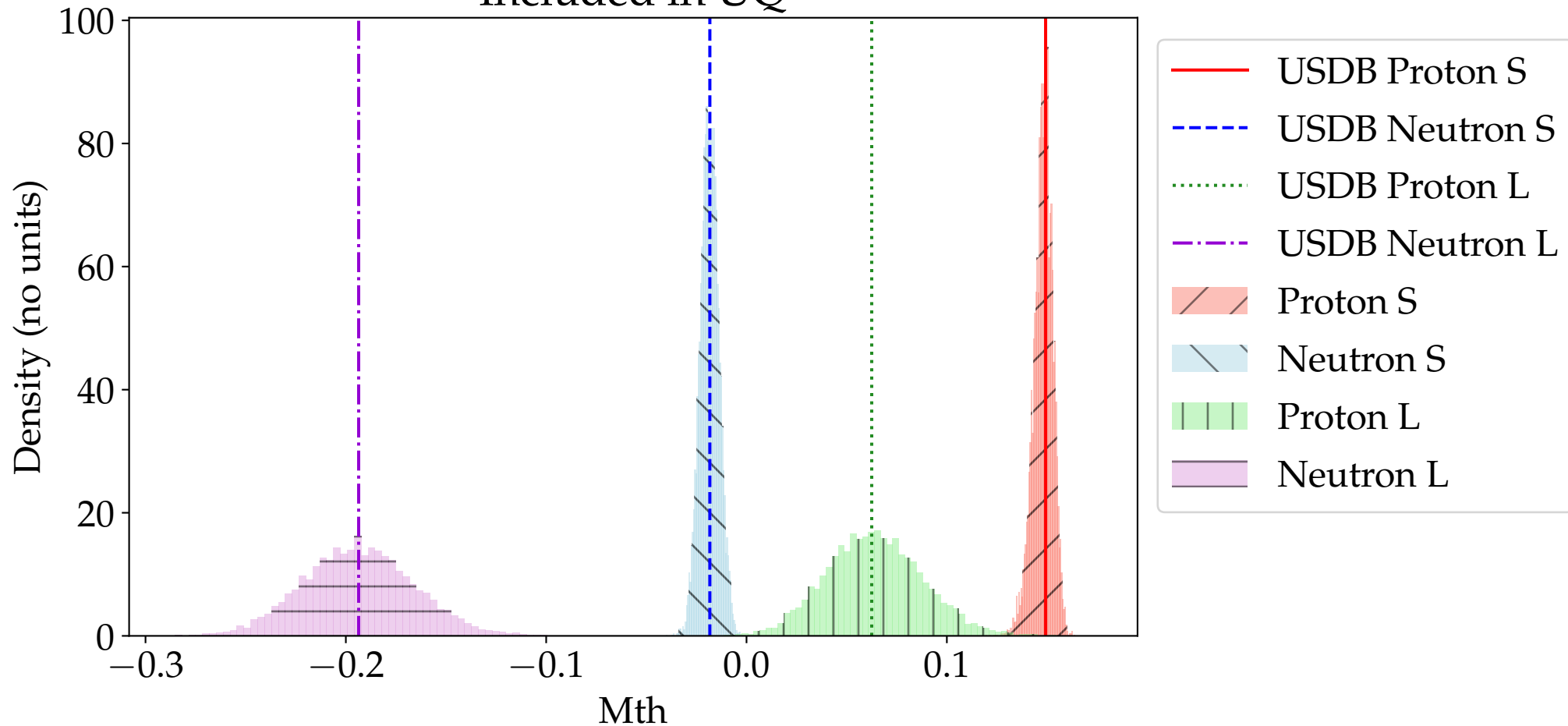
$^{28}\text{Al} (2_1) \rightarrow (3_1)$
Included in UQ



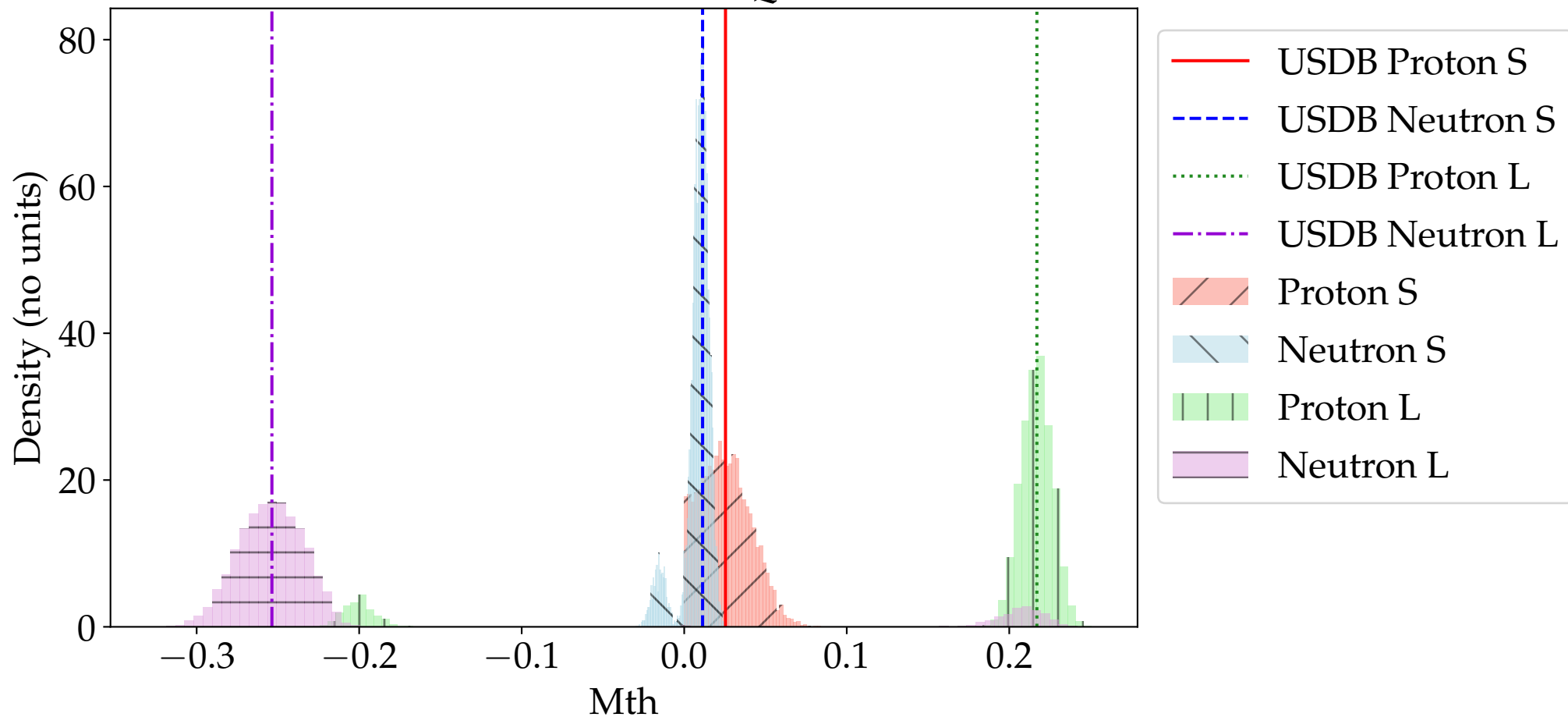
$^{28}\text{Al} (3_2) \rightarrow (3_1)$
Included in UQ



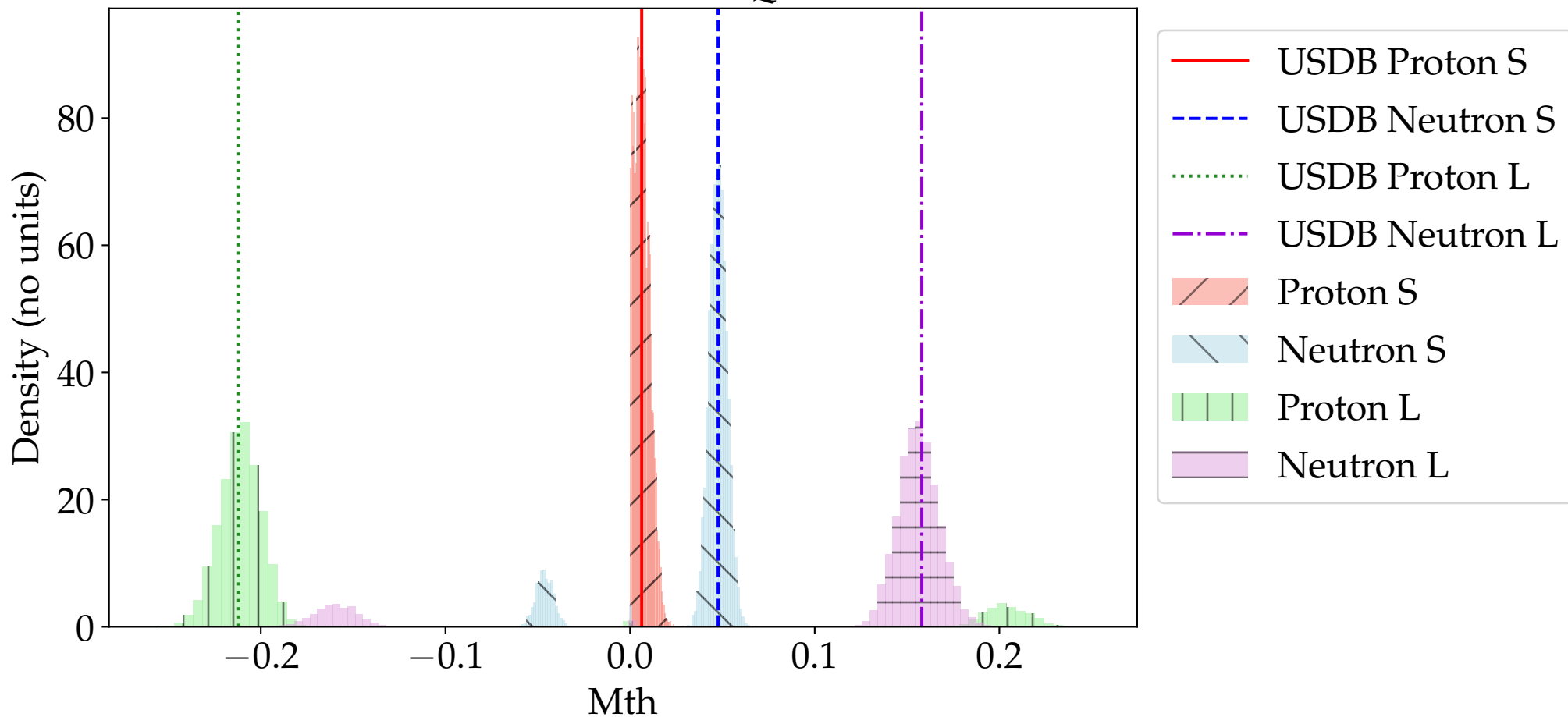
$^{28}\text{Al} (1_1) \rightarrow (0_1)$
Included in UQ



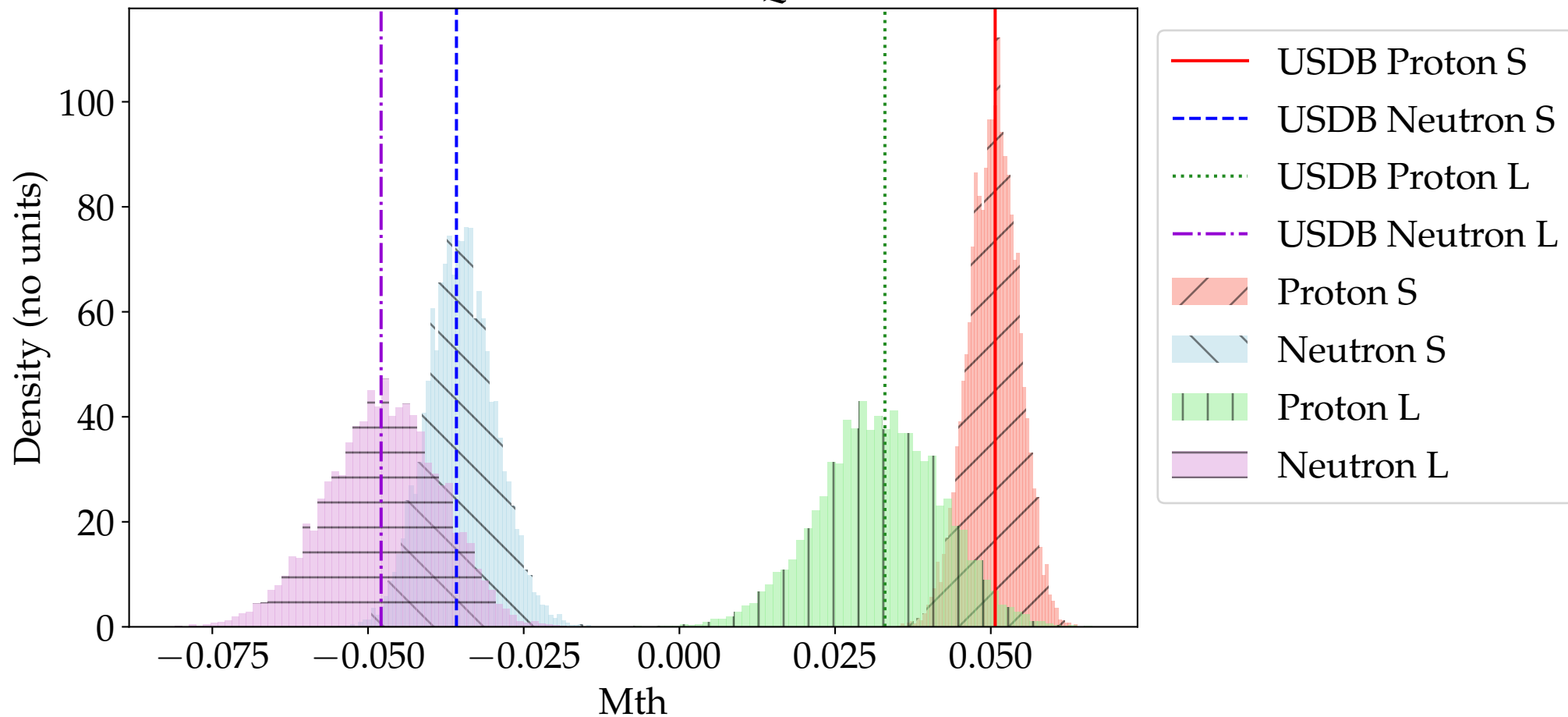
$^{28}\text{Al} (1_2) \rightarrow (0_1)$
Included in UQ



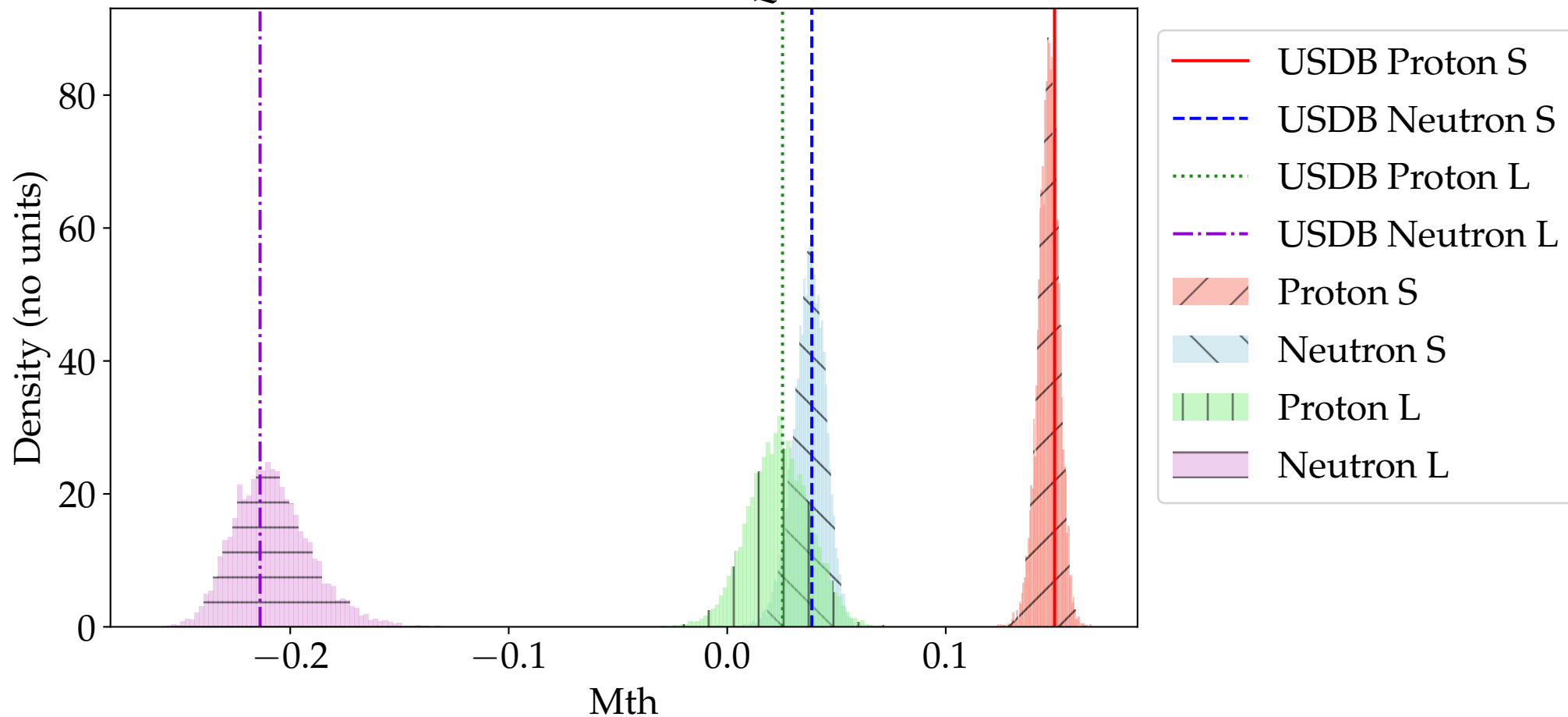
$^{28}\text{Al} (2_2) \rightarrow (3_1)$
Included in UQ



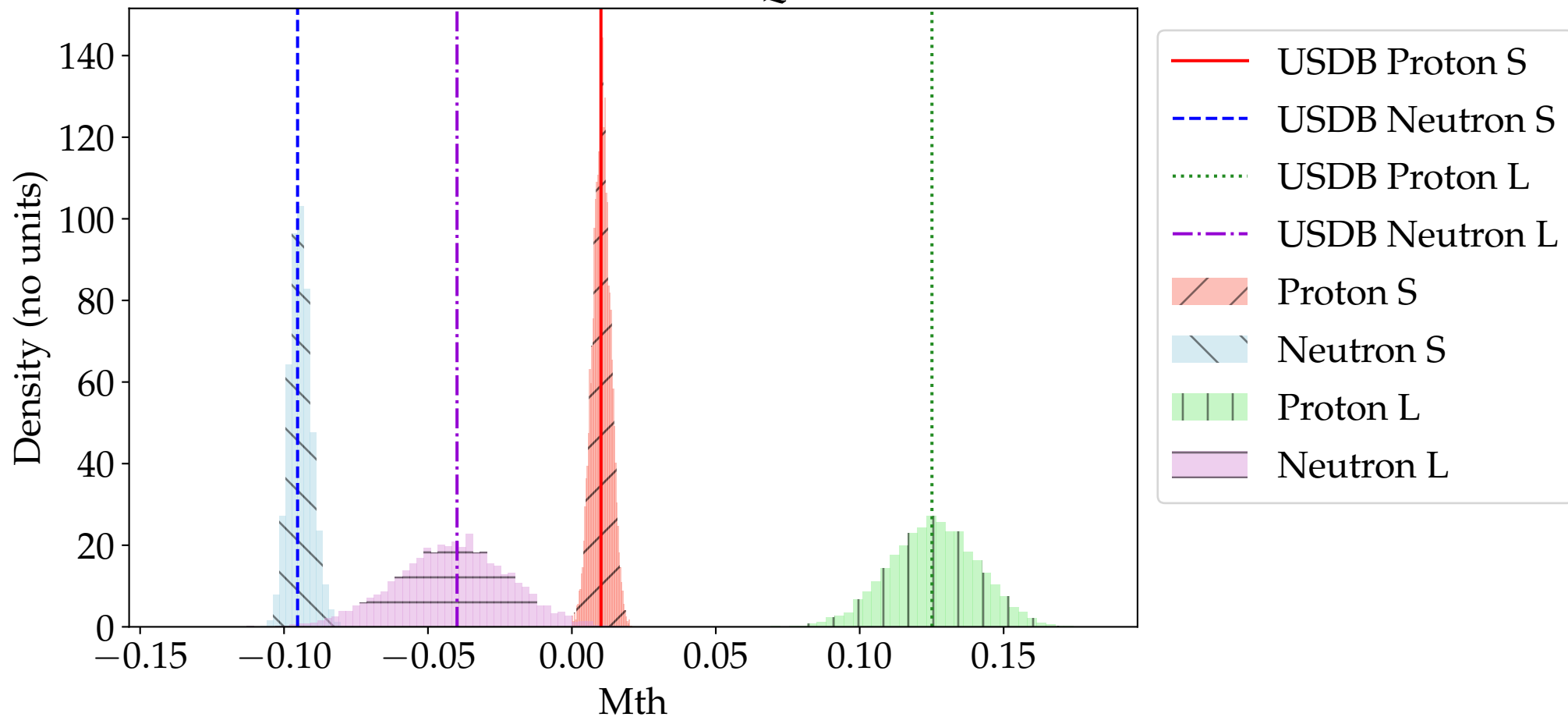
$^{28}\text{Al } (4_1) \rightarrow (3_1)$
Included in UQ



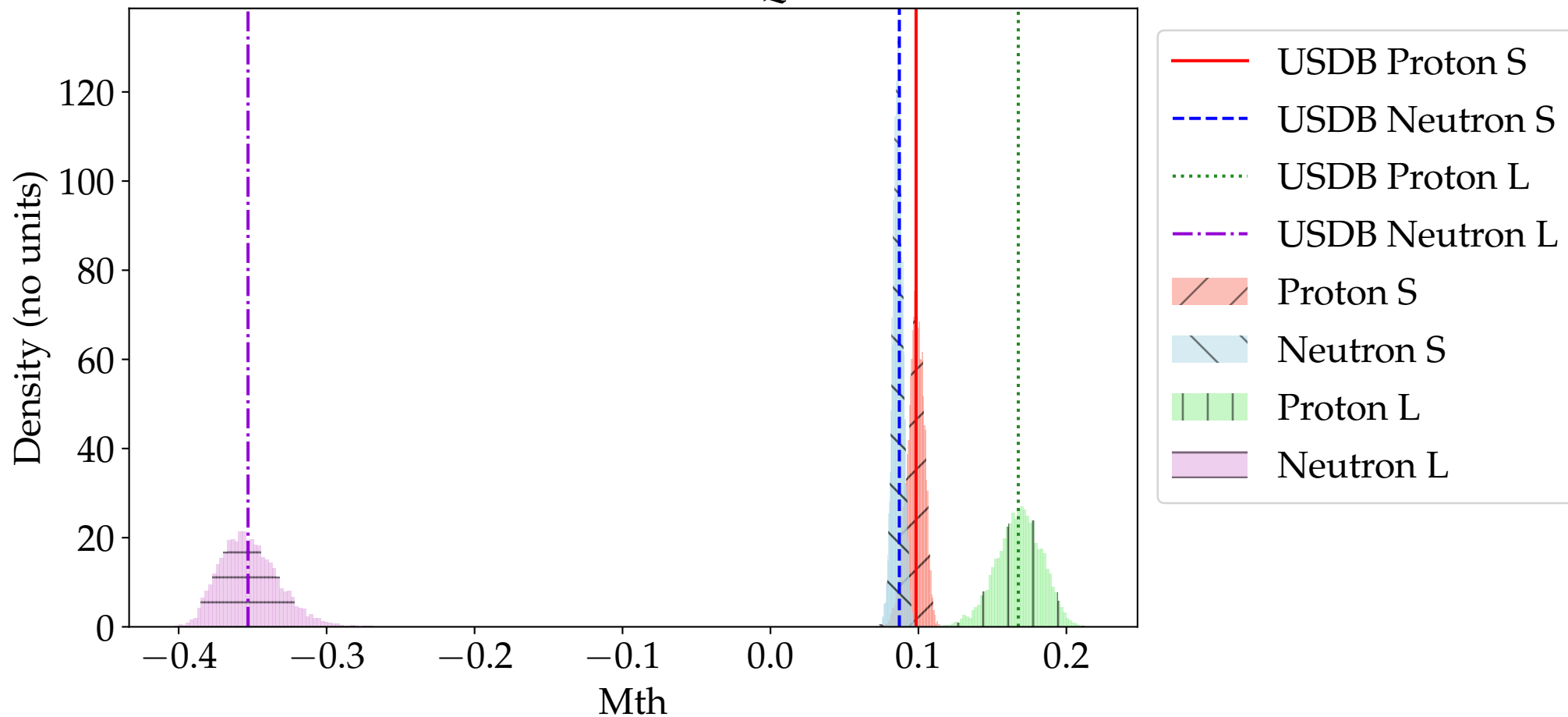
$^{28}\text{Al} (2_4) \rightarrow (1_2)$
Included in UQ



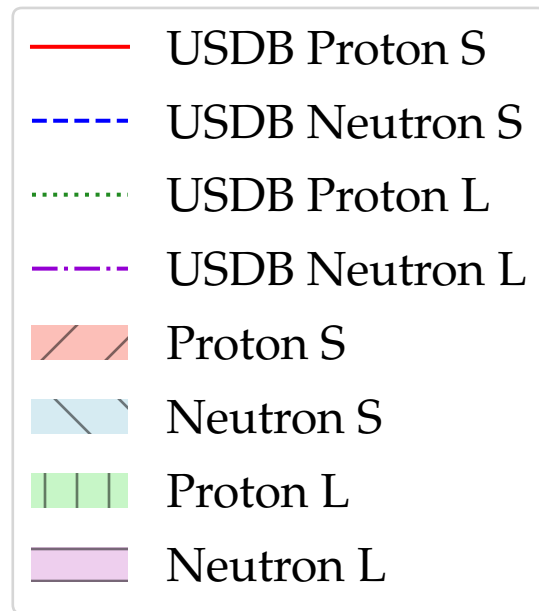
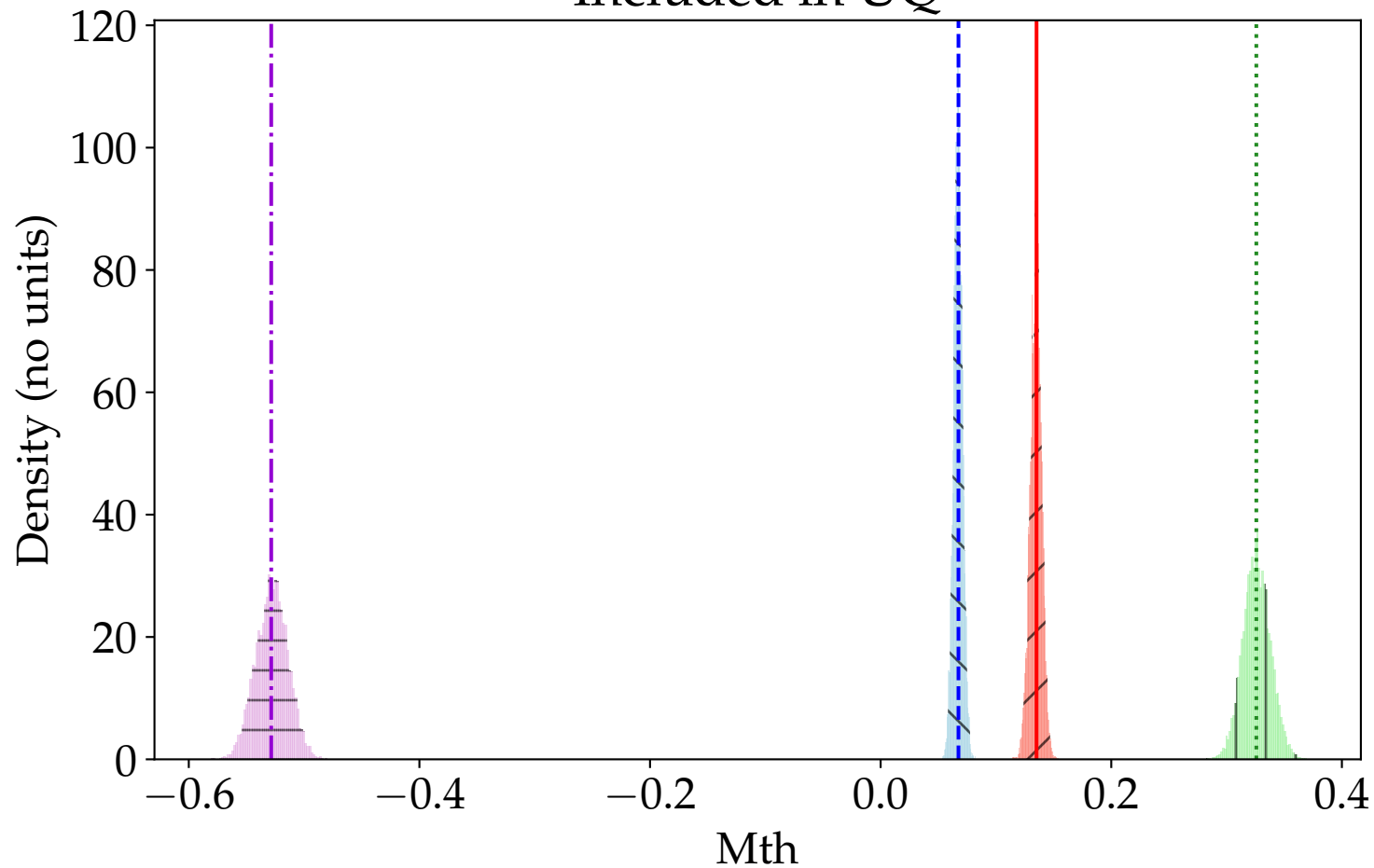
$^{28}\text{Al} (5_1) \rightarrow (4_1)$
Included in UQ



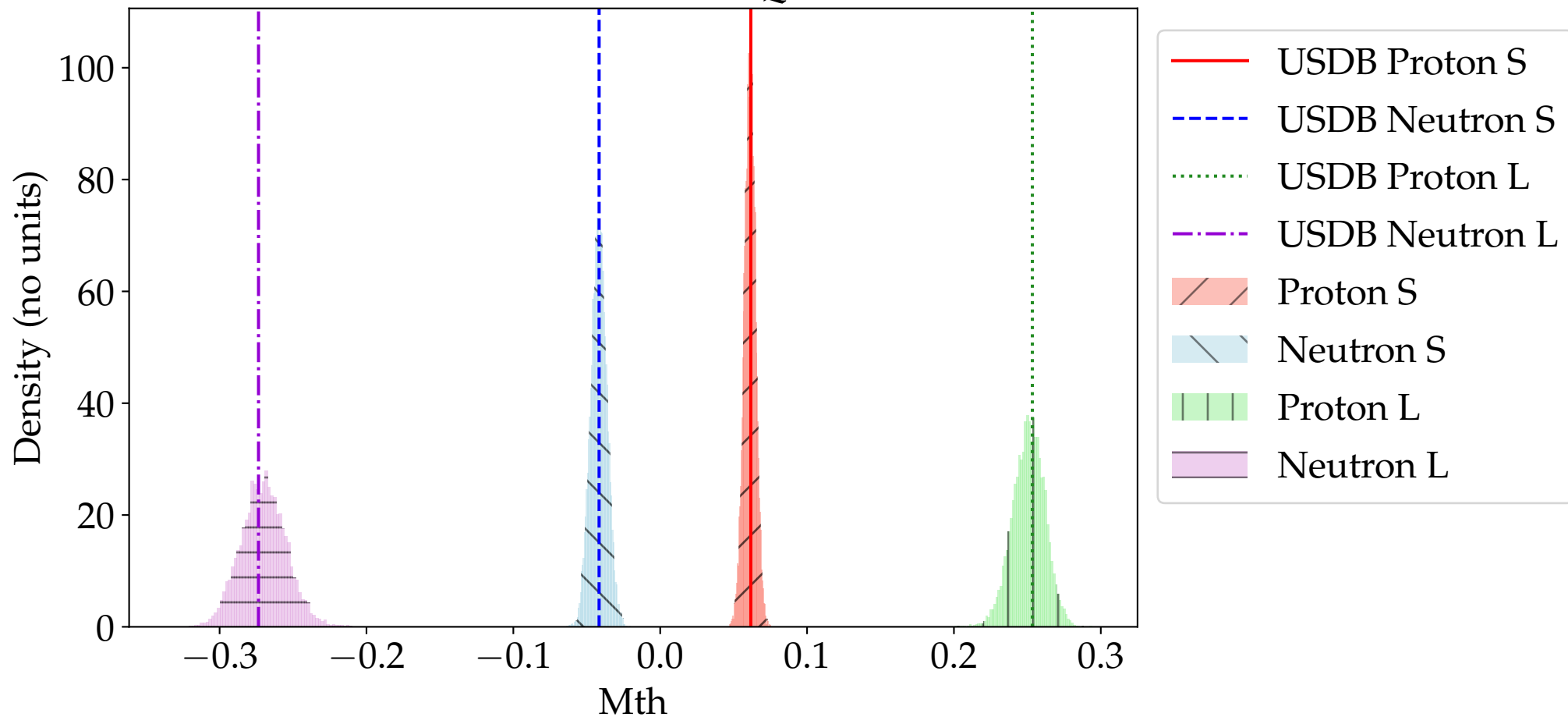
$^{28}\text{Al} (4_2) \rightarrow (3_2)$
Included in UQ



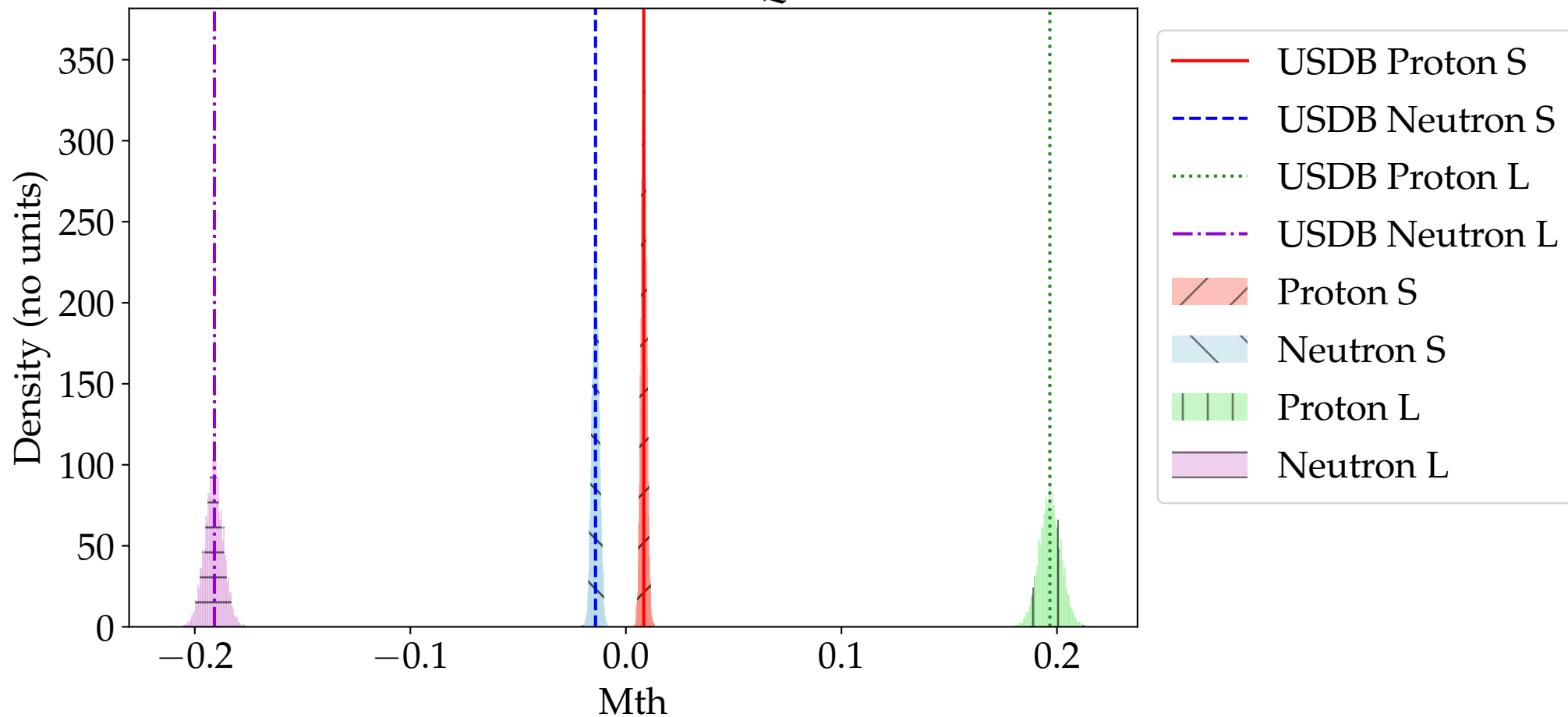
$^{30}\text{Al} (1_1) \rightarrow (2_1)$
Included in UQ



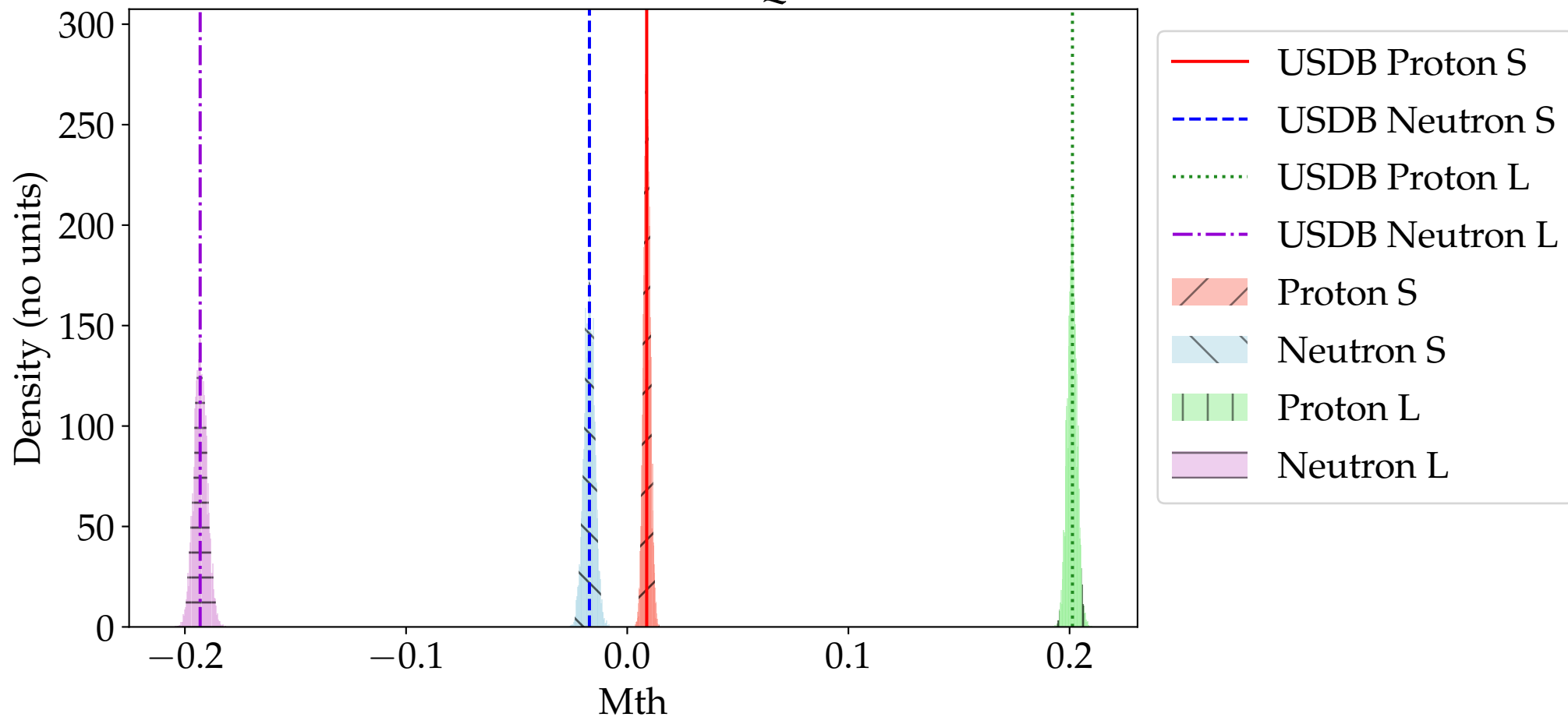
$^{30}\text{Al} (3_2) \rightarrow (2_1)$
Included in UQ



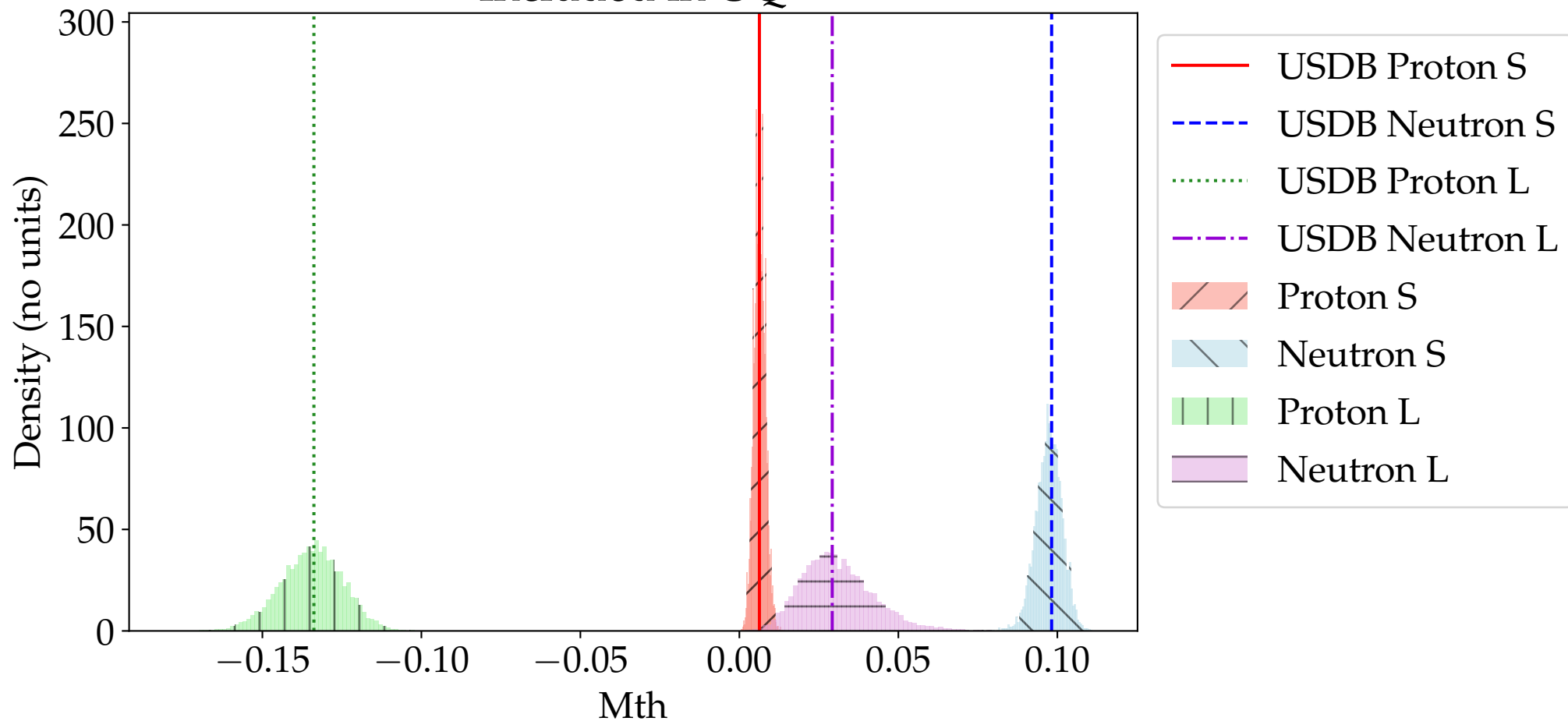
$^{27}\text{Si} (3/2_1) \rightarrow (1/2_1)$
Included in UQ



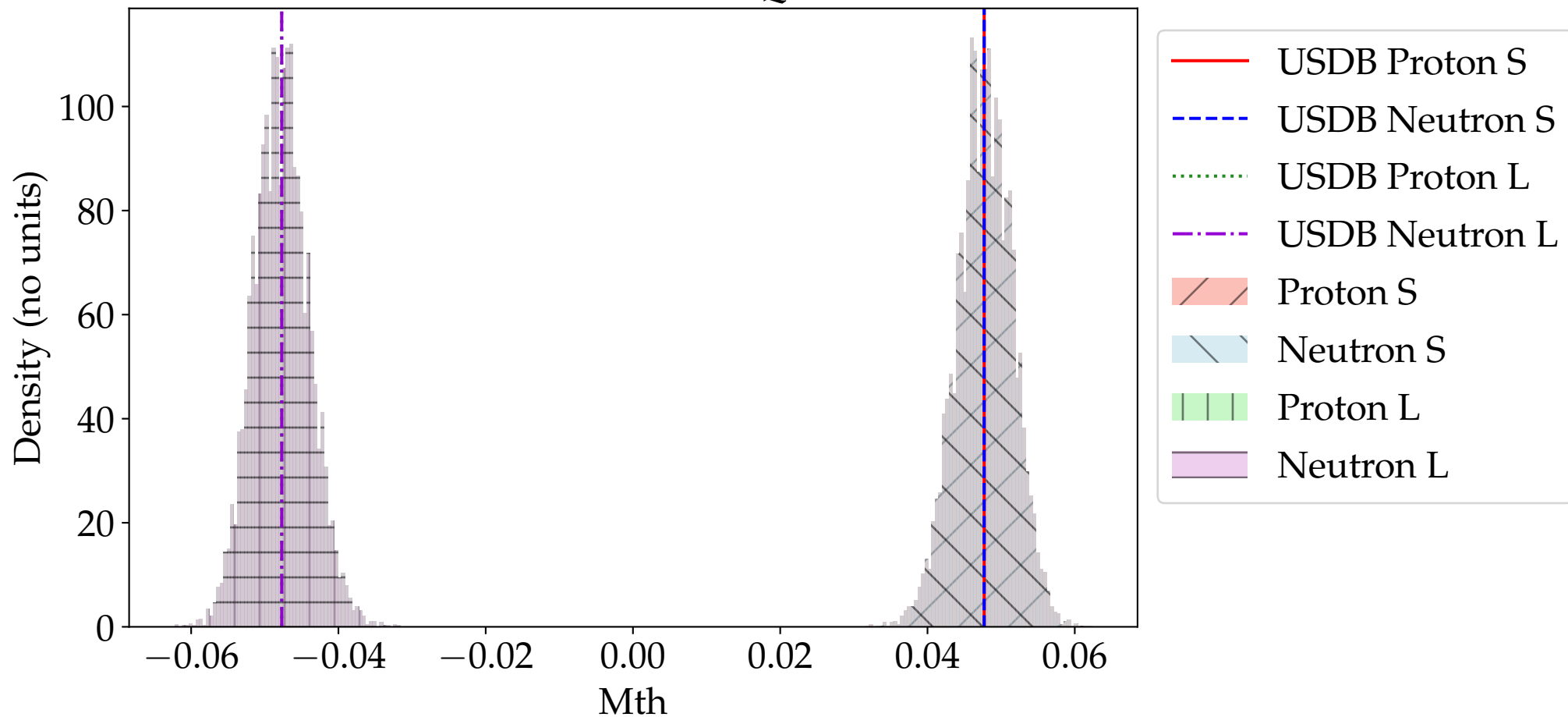
$^{27}\text{Si} (9/2_1) \rightarrow (7/2_1)$
Included in UQ



$^{27}\text{Si} (5/2_3) \rightarrow (5/2_1)$
Included in UQ



$^{28}\text{Si} (3_3) \rightarrow (3_2)$
Included in UQ

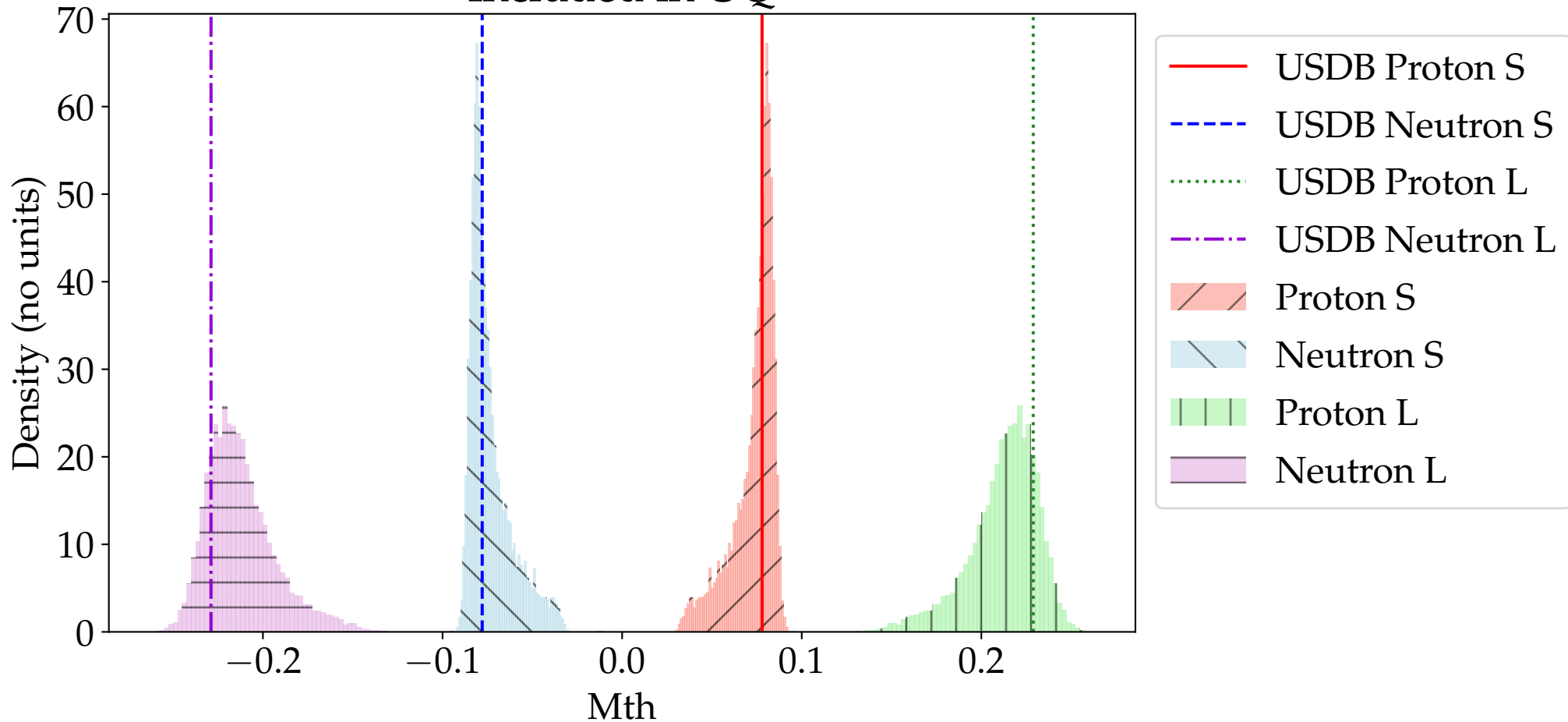


$$^{28}\text{Si} \ (2_6) \rightarrow (3_1)$$

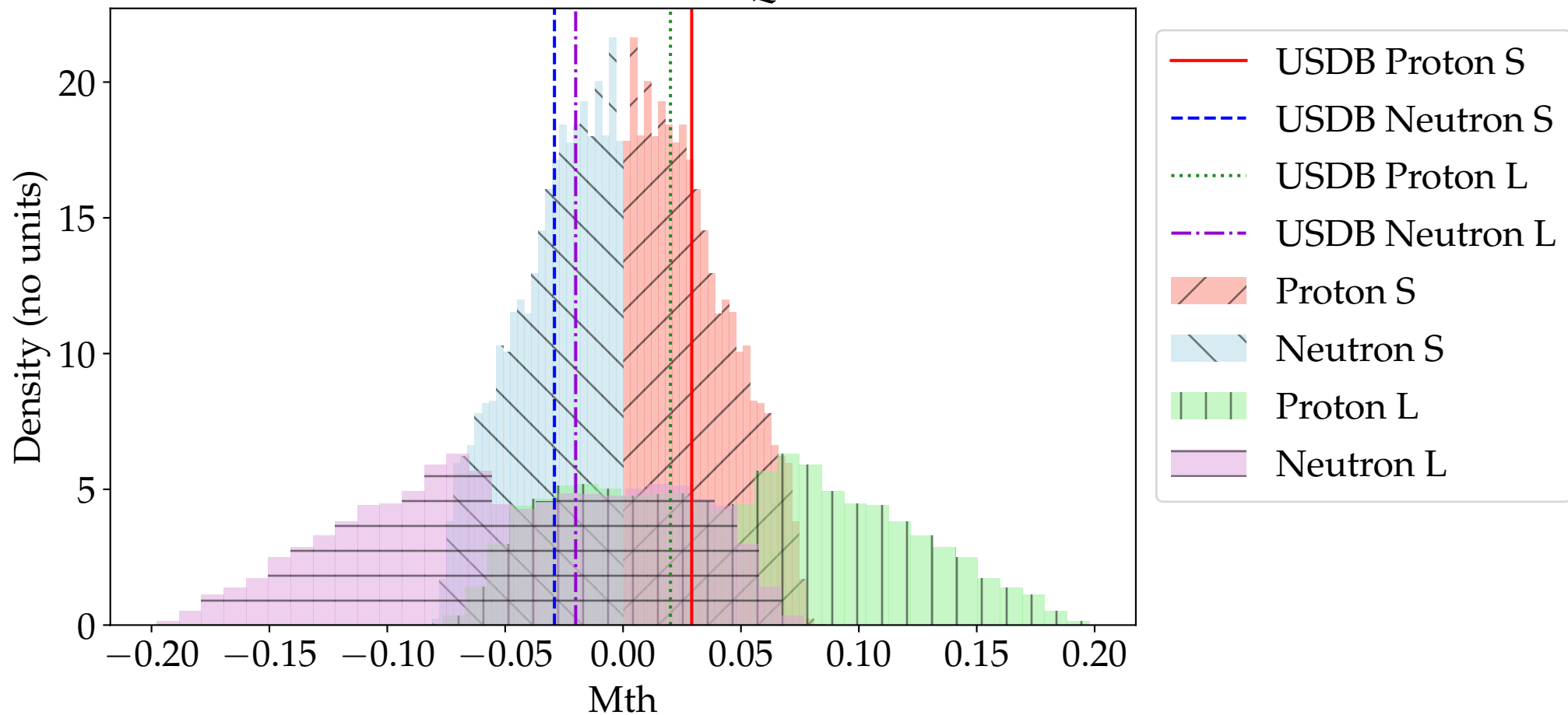
Included in UQ



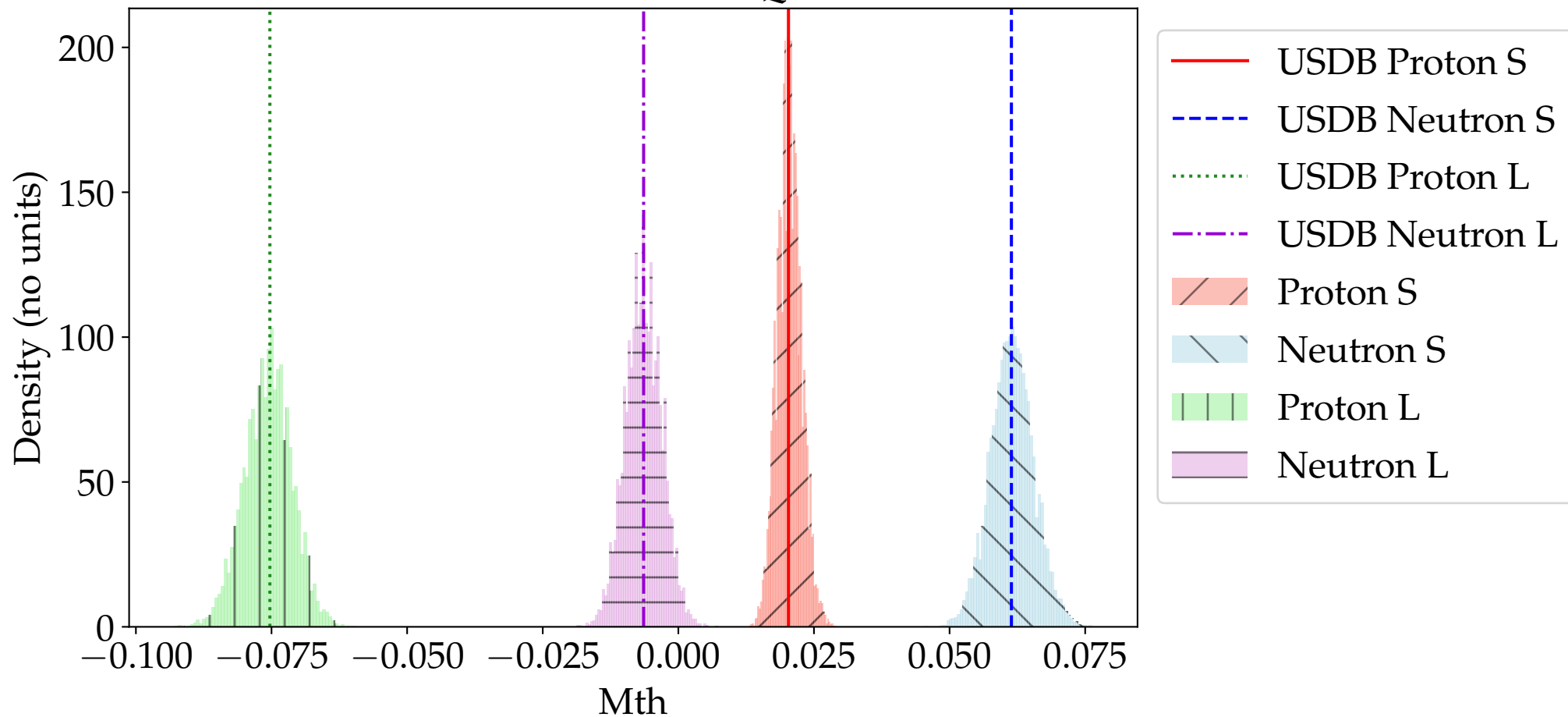
$^{28}\text{Si} (2_6) \rightarrow (2_4)$
Included in UQ



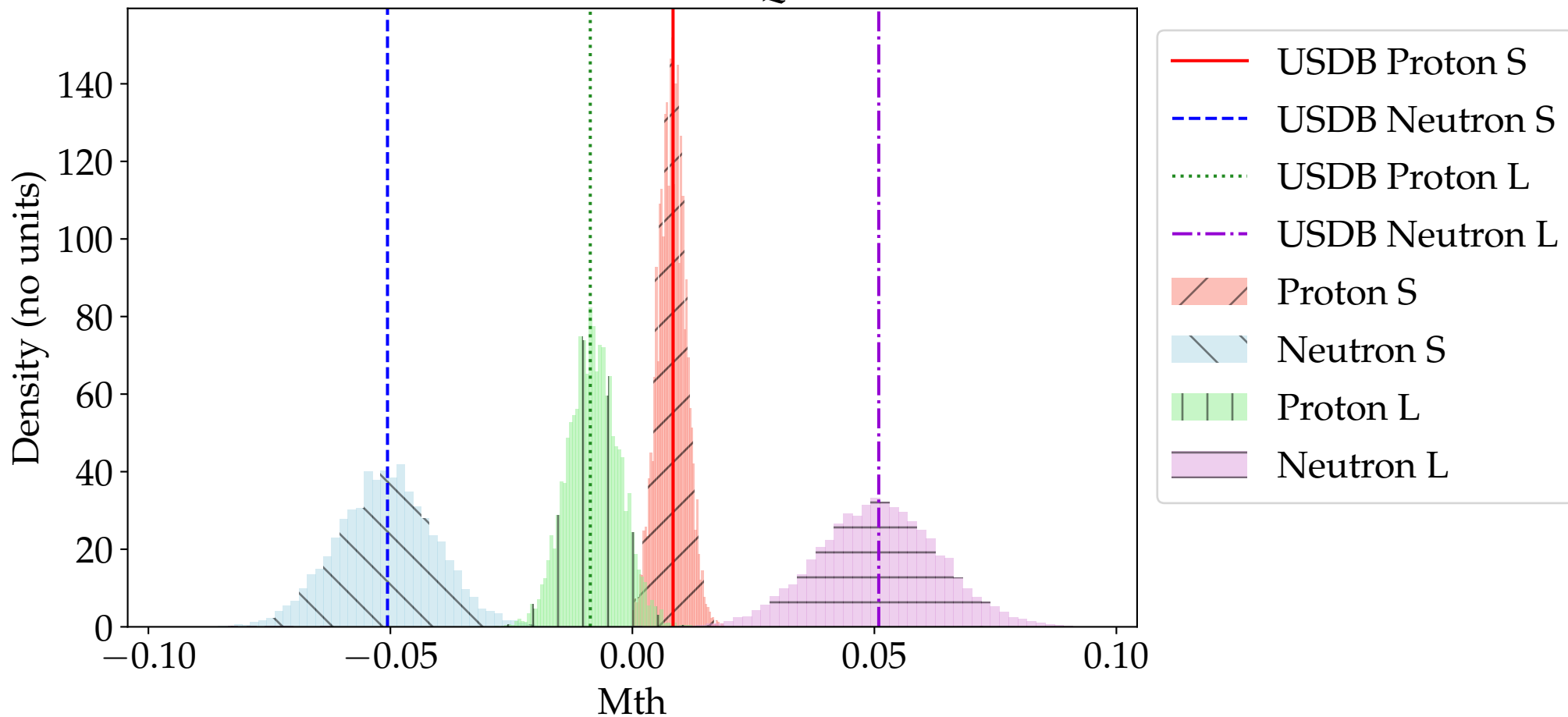
$^{28}\text{Si} (2_6) \rightarrow (2_5)$
Included in UQ



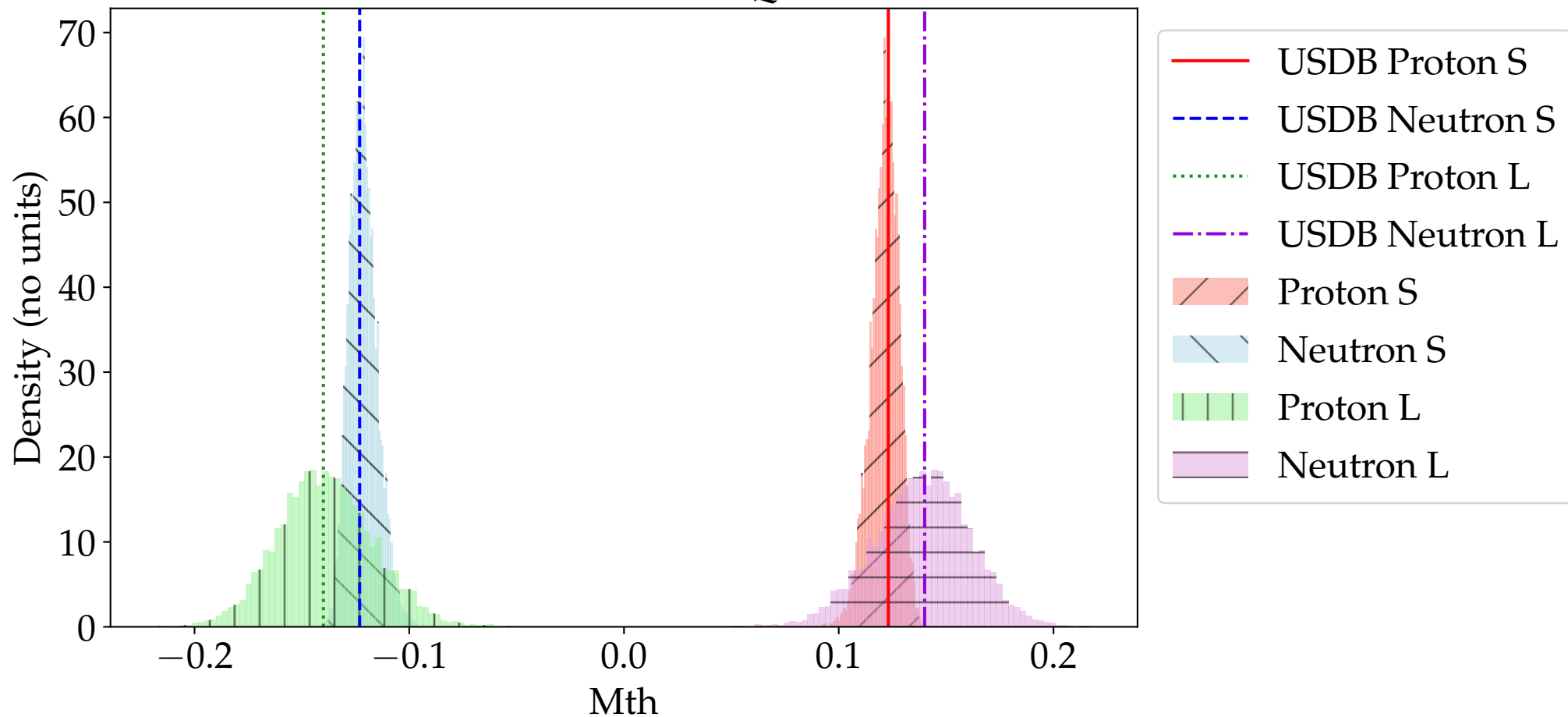
$^{29}\text{Si} (5/2_3) \rightarrow (3/2_1)$
Included in UQ



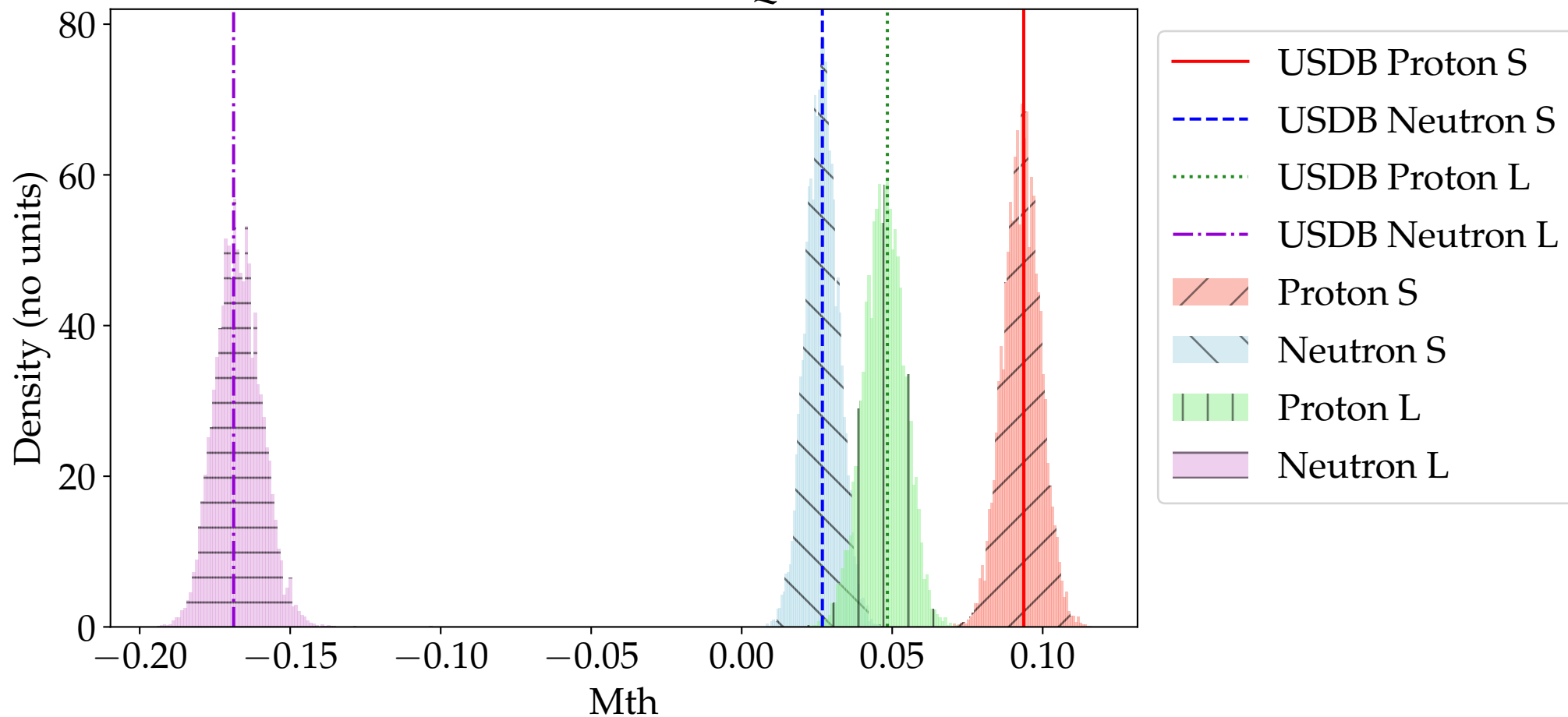
$^{30}\text{Si} (0_3) \rightarrow (1_1)$
Included in UQ



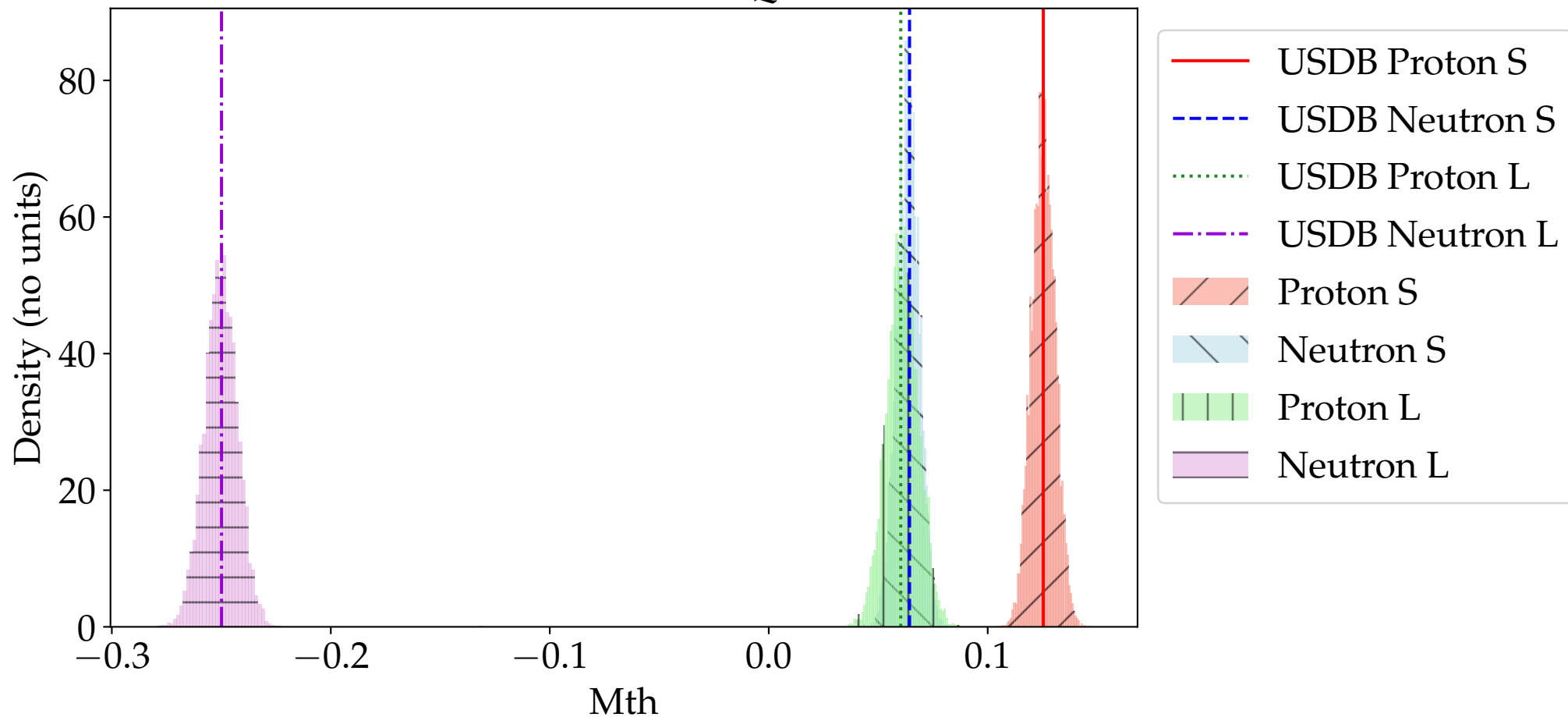
$^{30}\text{P} (1_3) \rightarrow (0_1)$
Included in UQ



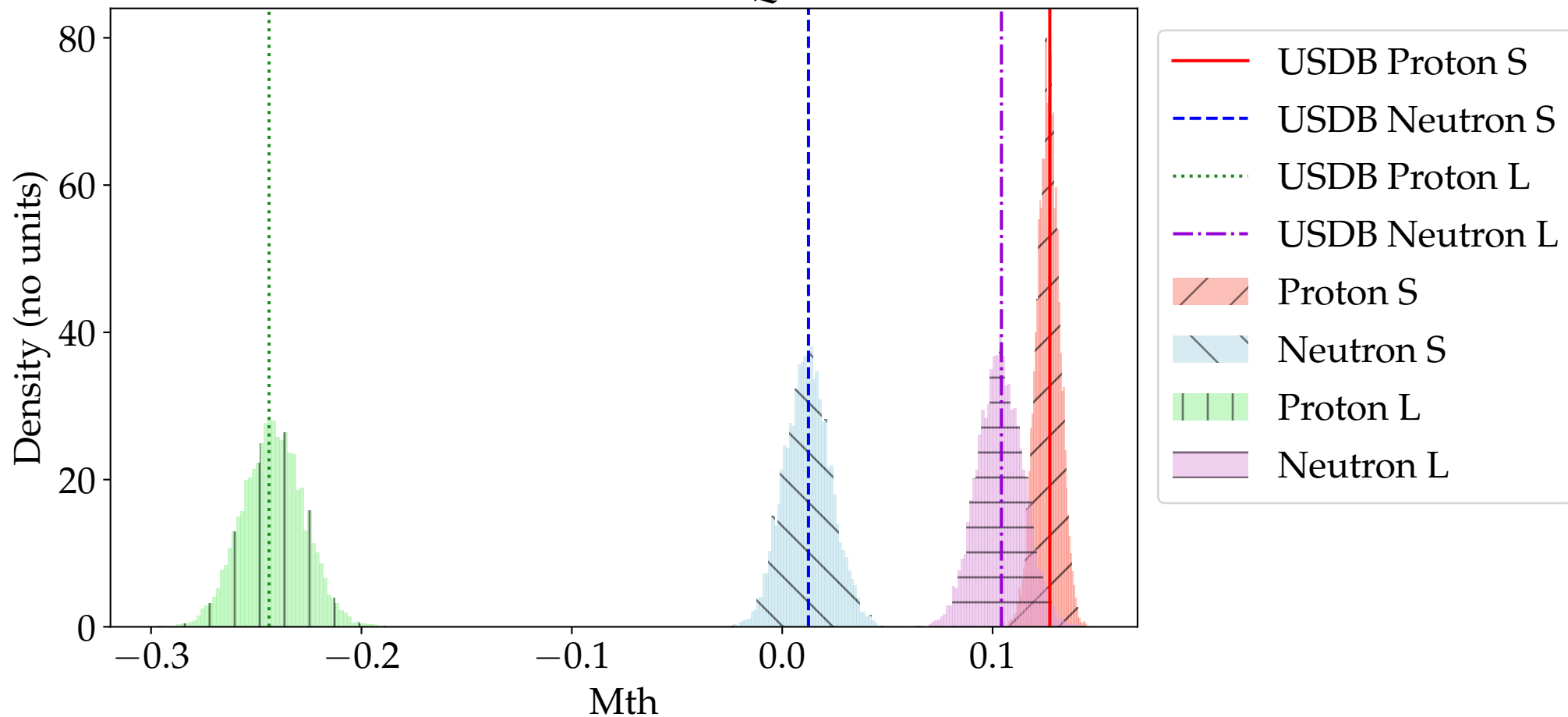
$^{31}\text{P} (1/2_2) \rightarrow (1/2_1)$
Included in UQ



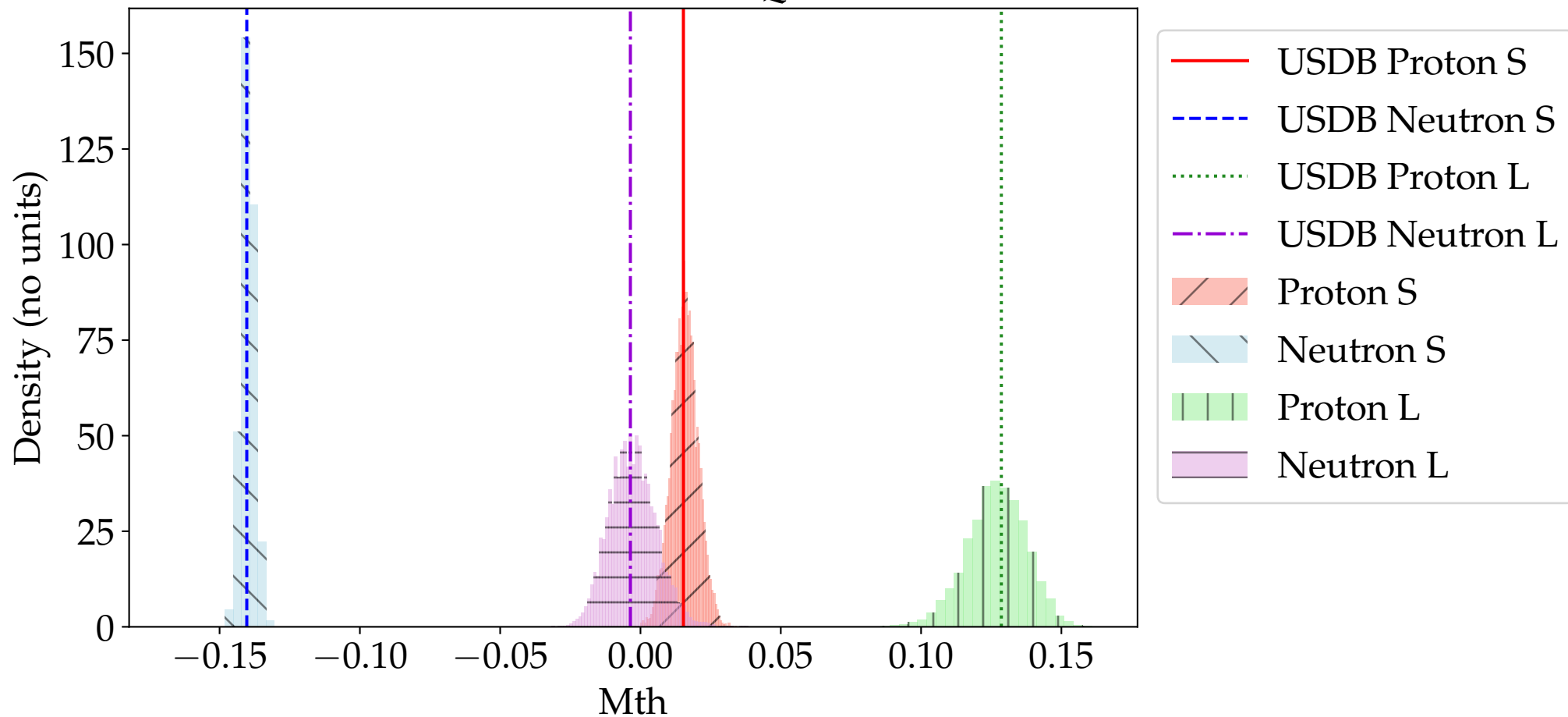
$^{32}\text{P} (2_1) \rightarrow (1_1)$
Included in UQ



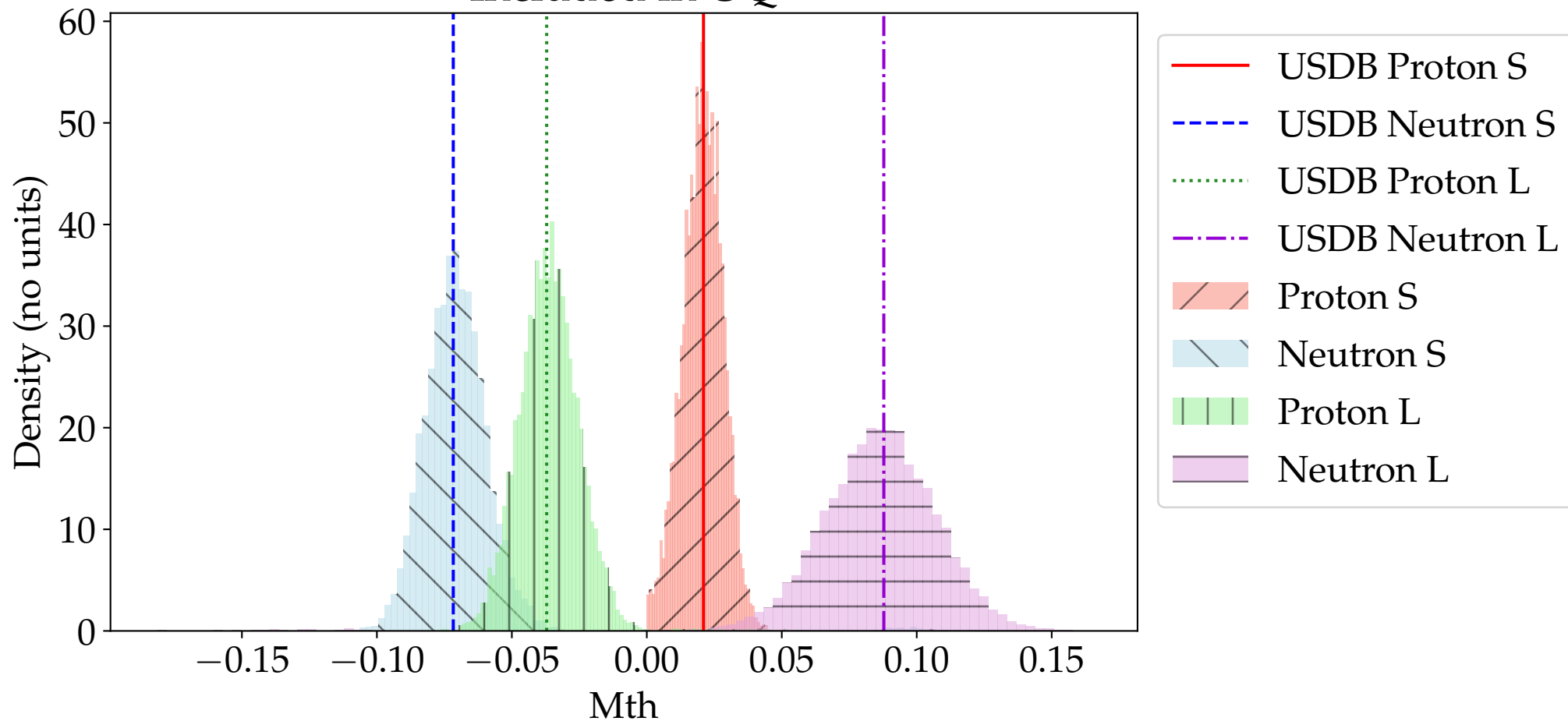
$^{32}\text{P} (0_1) \rightarrow (1_1)$
Included in UQ



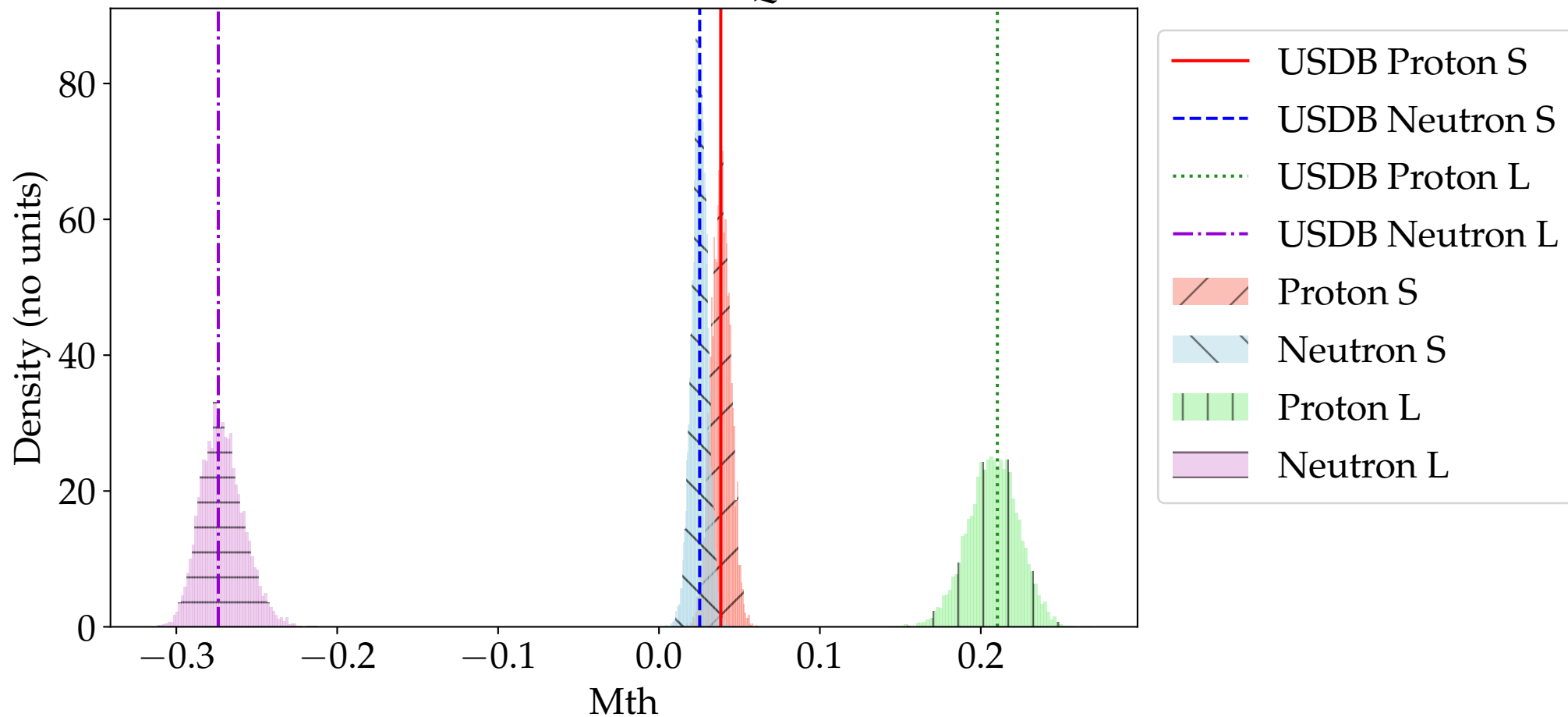
$^{32}\text{P} (1_2) \rightarrow (0_1)$
Included in UQ



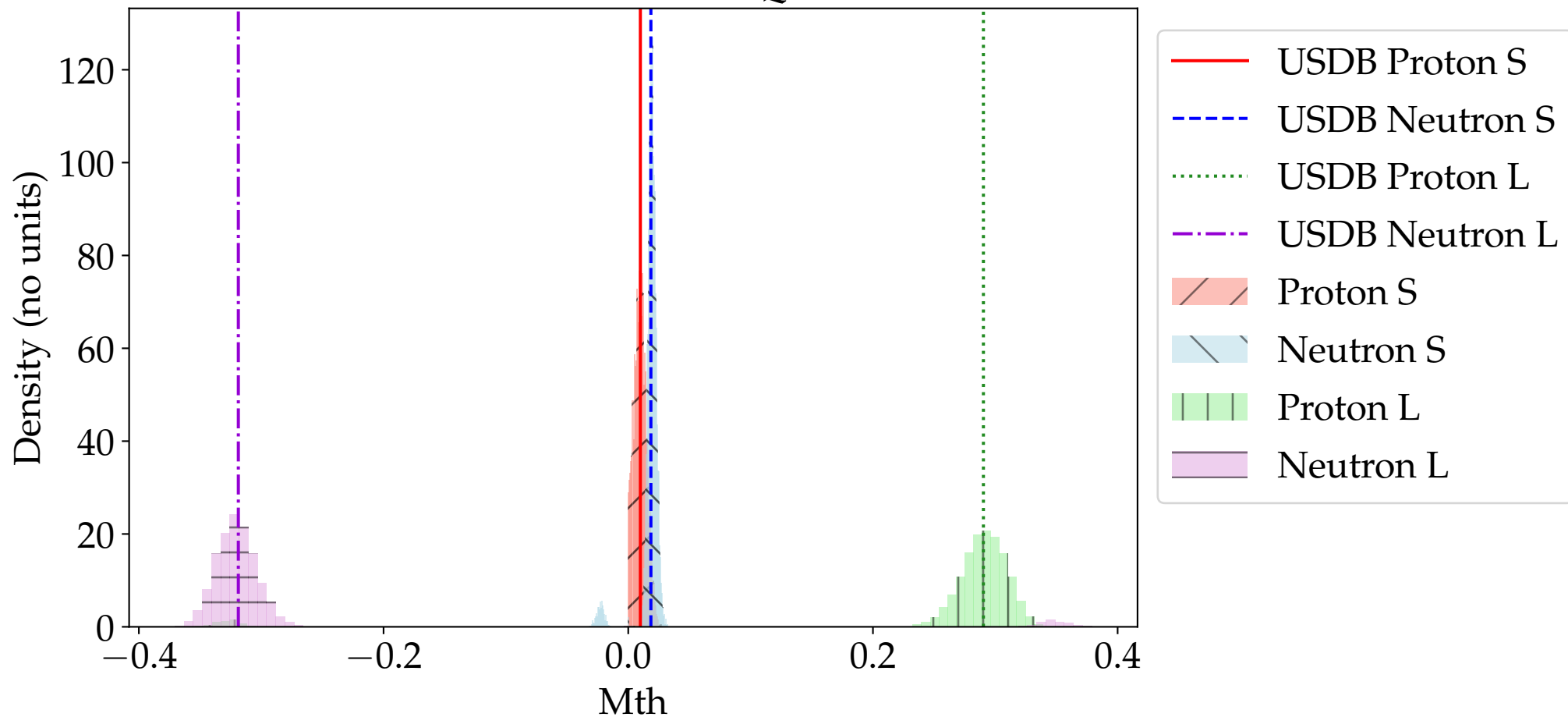
$^{32}\text{P} (2_4) \rightarrow (3_1)$
Included in UQ



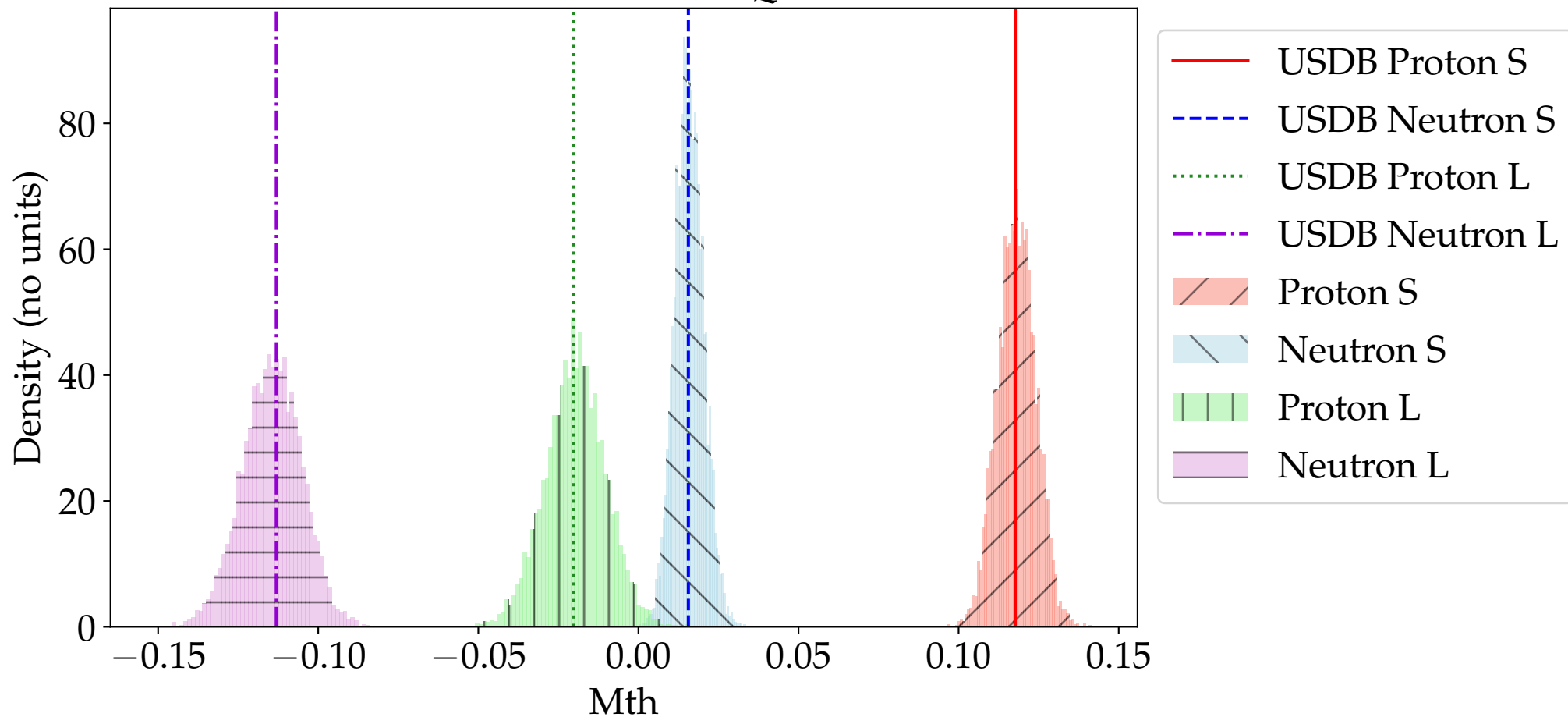
$^{32}\text{P} (1_4) \rightarrow (0_1)$
Included in UQ



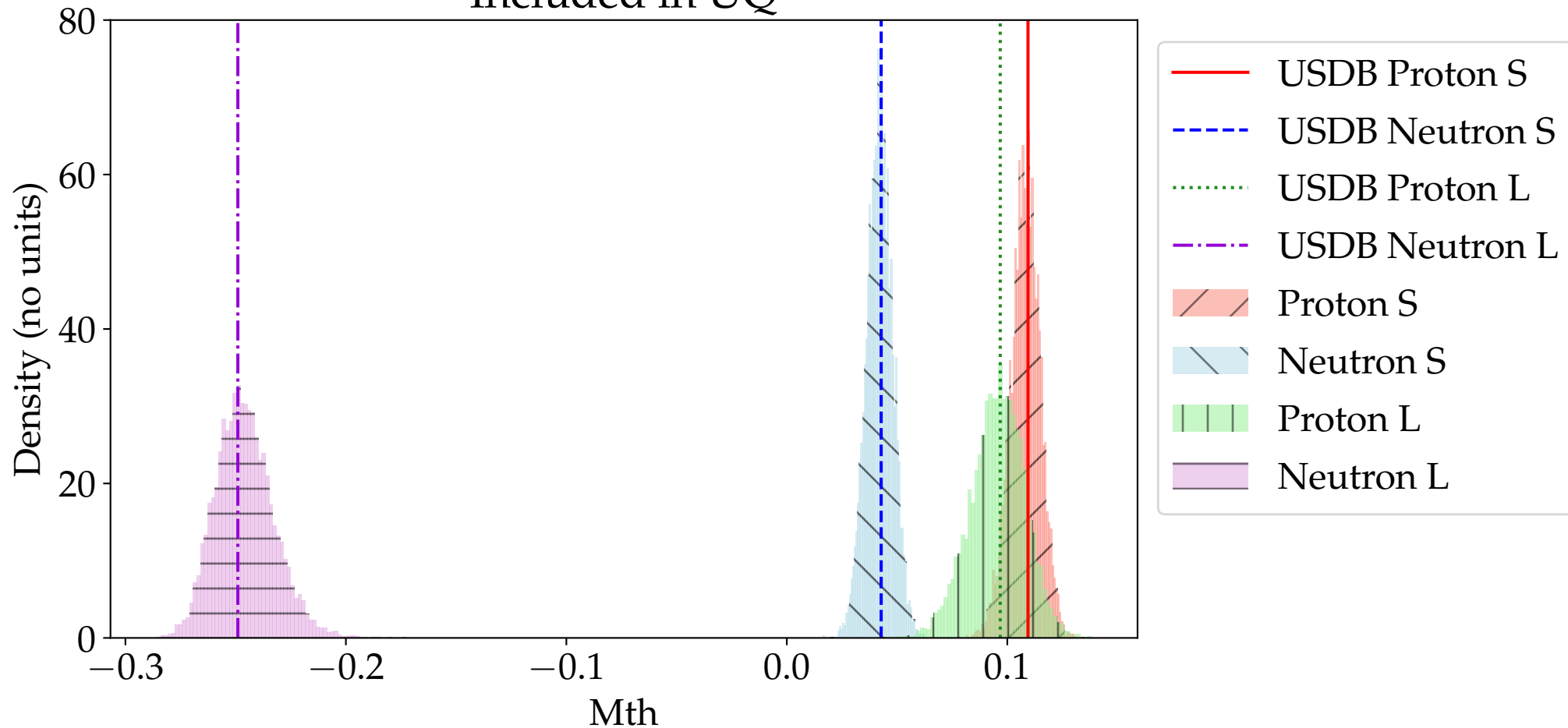
$^{33}\text{P} (3/2_2) \rightarrow (3/2_1)$
Included in UQ



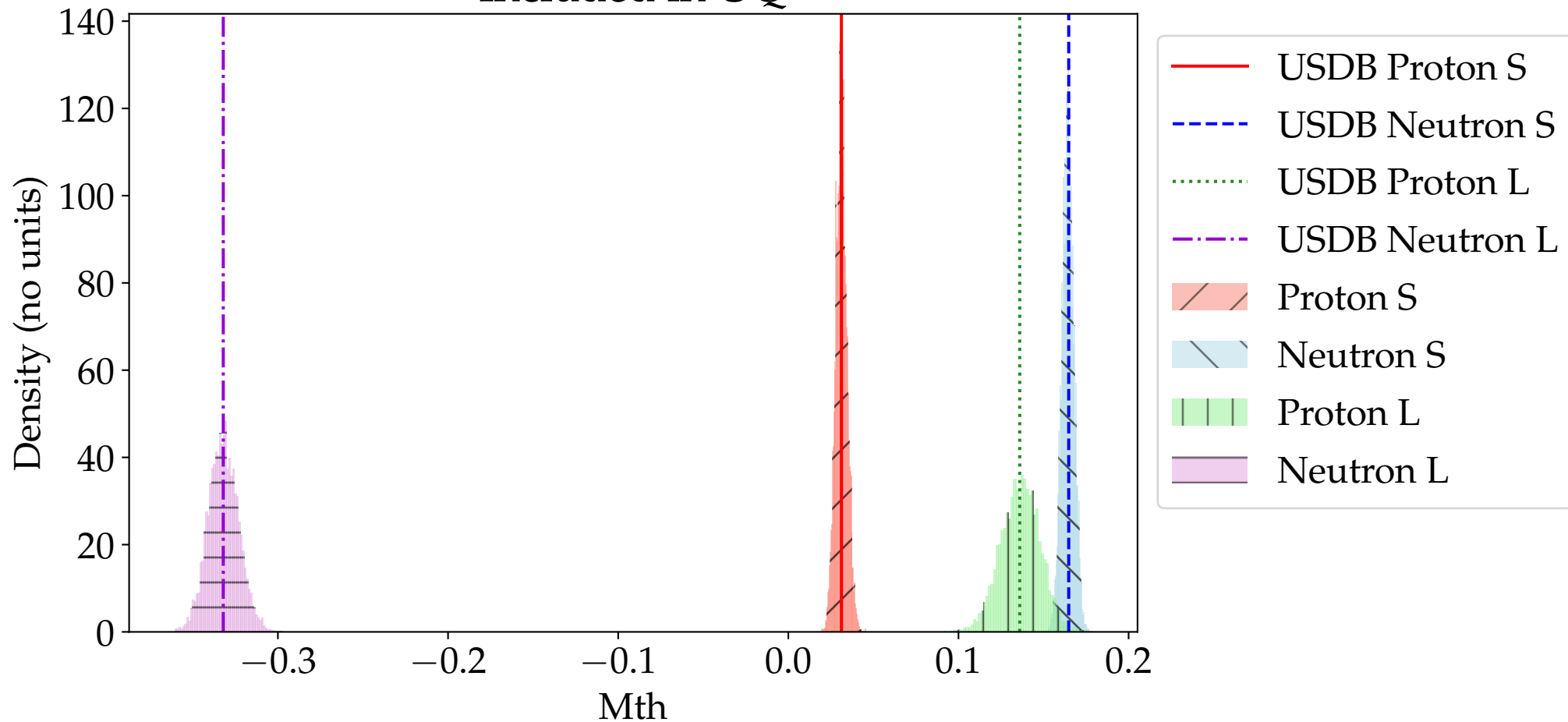
$^{33}\text{P} (3/2_2) \rightarrow (5/2_1)$
Included in UQ



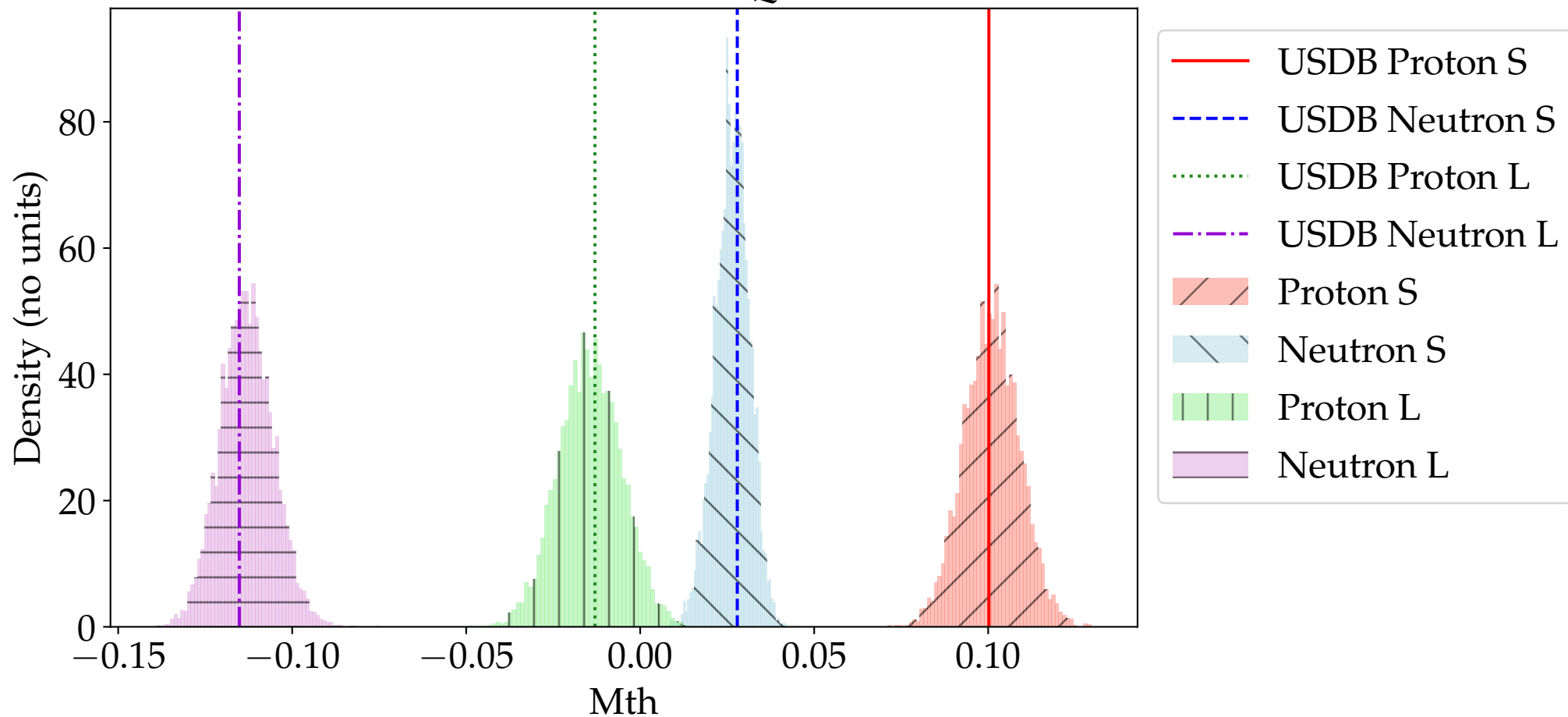
$^{33}\text{P} (5/2_3) \rightarrow (3/2_3)$
Included in UQ



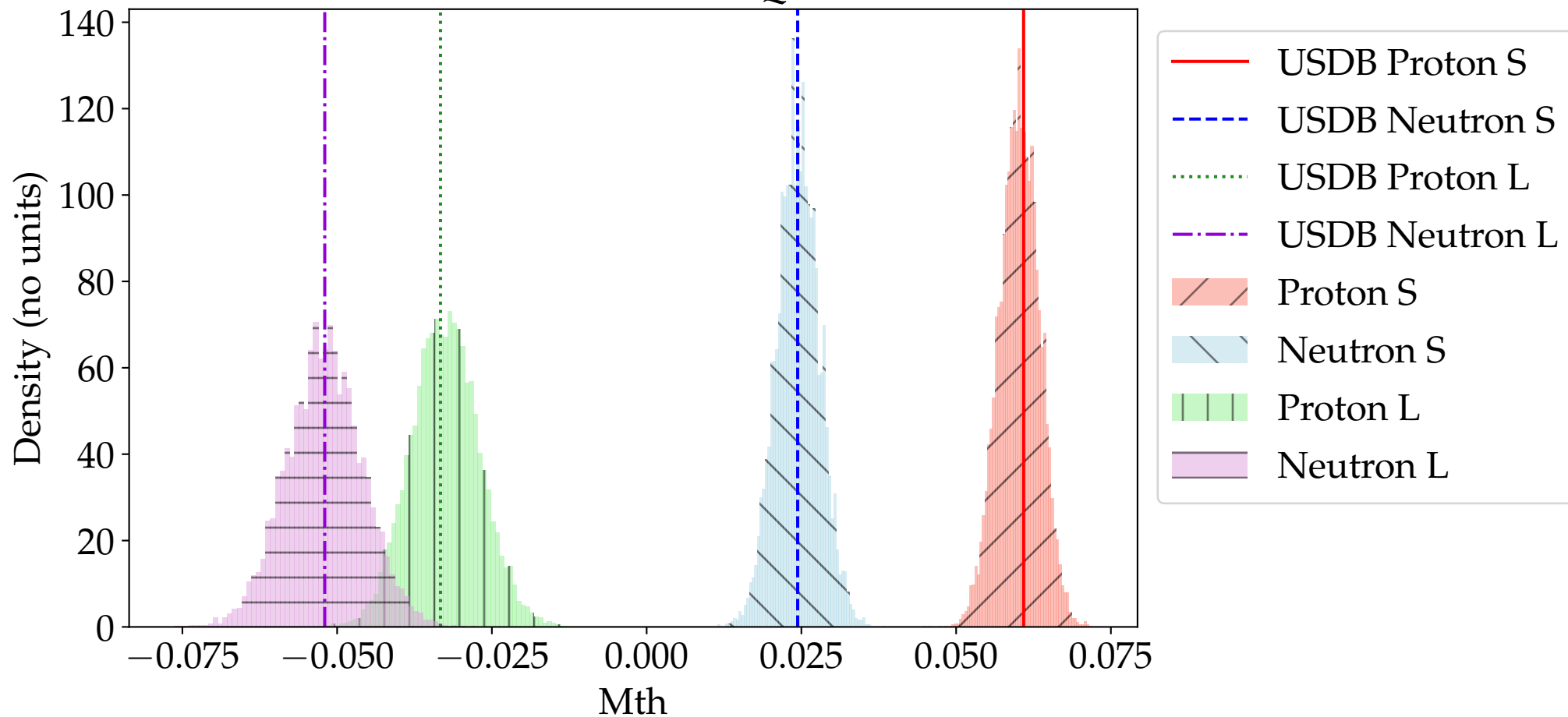
$^{33}\text{S} (3/2_2) \rightarrow (5/2_1)$
Included in UQ



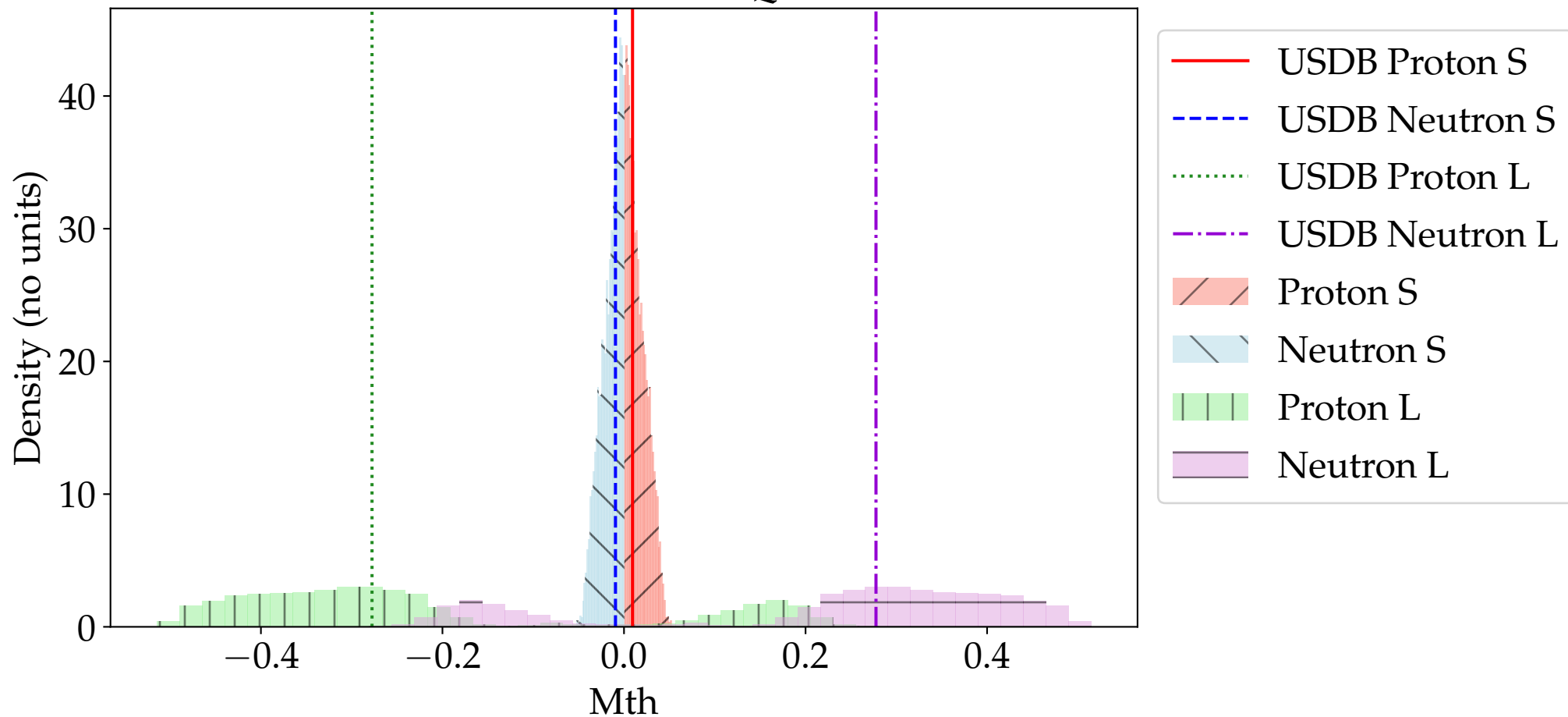
$^{33}\text{S} (5/2_3) \rightarrow (7/2_1)$
Included in UQ



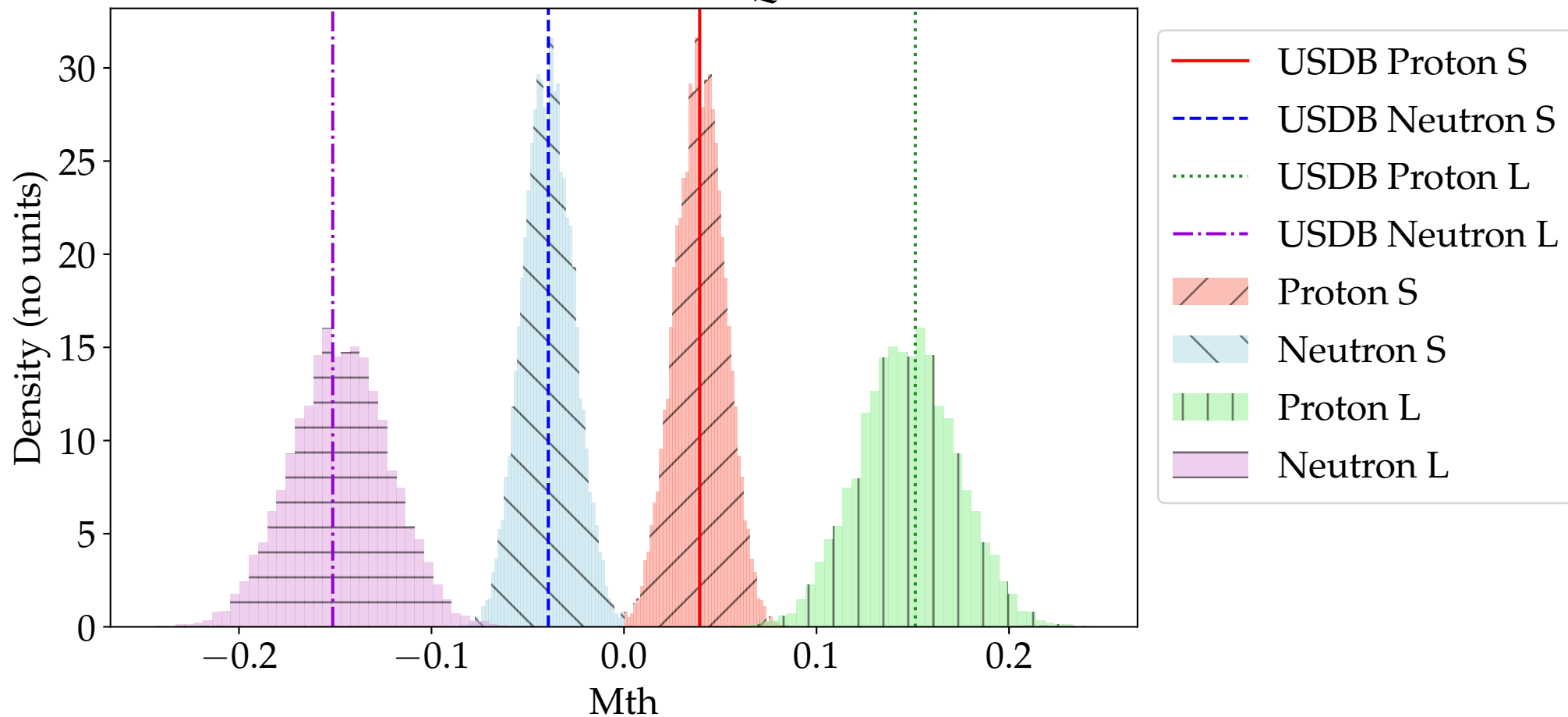
$^{33}\text{Cl} (1/2_1) \rightarrow (3/2_1)$
Included in UQ



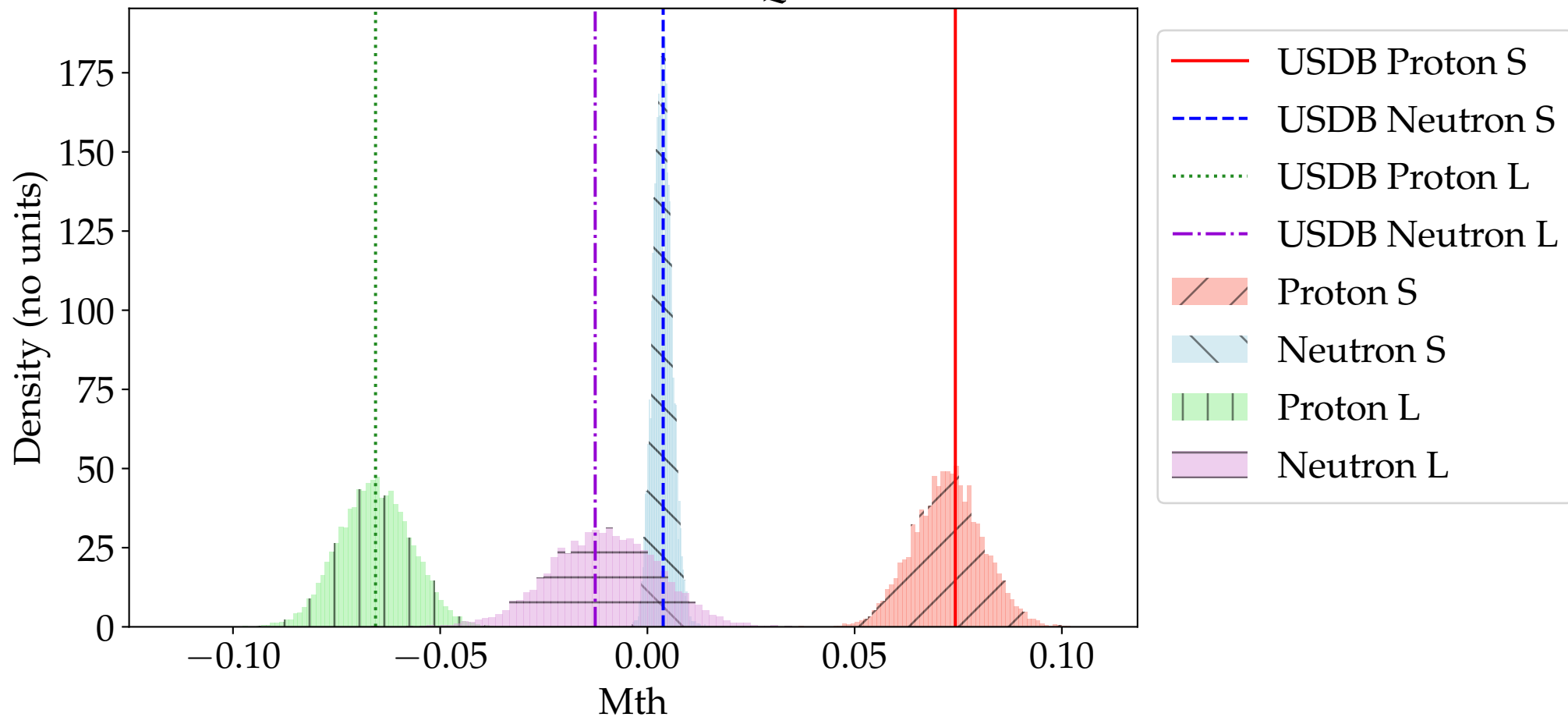
$^{34}\text{Cl} (1_1) \rightarrow (0_1)$
Included in UQ



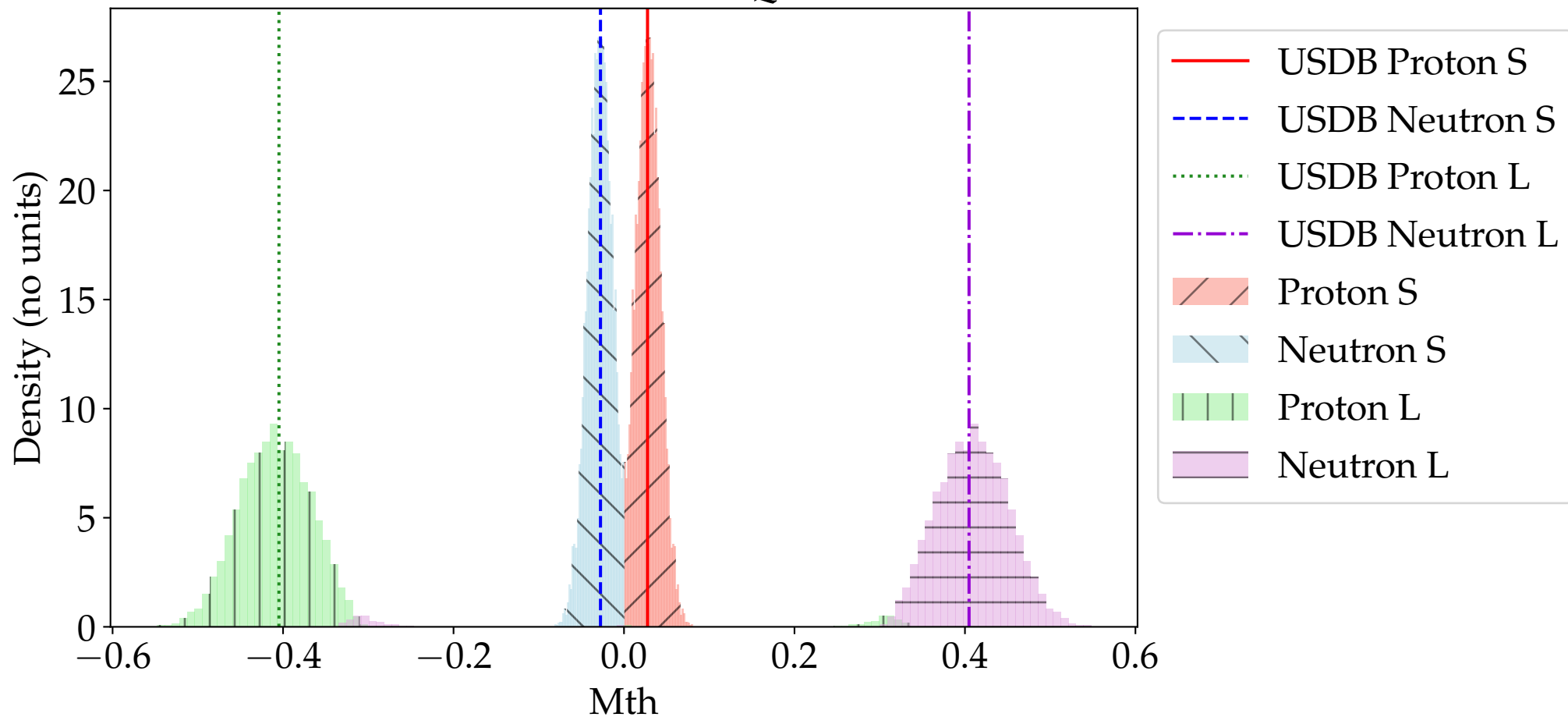
$^{34}\text{Cl} (1_3) \rightarrow (0_1)$
Included in UQ



$^{35}\text{Cl} (1/2_2) \rightarrow (1/2_1)$
Included in UQ



$^{38}\text{K} (1_1) \rightarrow (0_1)$
Included in UQ



$^{38}\text{K} (1_2) \rightarrow (0_1)$
Included in UQ

