

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
¹² C	9.81(-2)	3.51(-1)	6.10(-3)	5.45(-1)
¹³ C	8.10(-1)	8.70(-3)	1.64(-1)	1.71(-2)
¹⁴ C	7.34(-1)	6.30(-3)	2.33(-1)	2.69(-2)
¹³ N	3.40(-3)	8.65(-1)	1.19(-1)	1.27(-2)
¹⁴ N	1.19(-1)	8.41(-1)	2.42(-2)	1.61(-2)
¹⁵ N	2.71(-1)	3.00(-1)	3.10(-1)	1.19(-1)
¹⁴ O	2.00(-3)	8.16(-1)	1.60(-1)	2.27(-2)
¹⁵ O	6.65(-2)	5.00(-1)	2.29(-1)	2.05(-1)
¹⁶ O	1.93(-1)	6.93(-1)	7.10(-3)	1.07(-1)
¹⁷ O	6.23(-1)	1.38(-2)	3.16(-1)	4.66(-2)
¹⁸ O	3.25(-1)	9.00(-3)	6.08(-1)	5.72(-2)
¹⁷ F	6.00(-3)	7.41(-1)	2.17(-1)	3.64(-2)
¹⁸ F	1.81(-1)	3.73(-1)	3.73(-1)	7.24(-2)
¹⁹ F	8.06(-2)	1.02(-1)	6.73(-1)	1.45(-1)
¹⁷ Ne	8.40(-3)	5.87(-1)	6.14(-2)	3.43(-1)
¹⁸ Ne	2.80(-3)	4.90(-1)	4.41(-1)	6.70(-2)
¹⁹ Ne	4.41(-2)	1.53(-1)	5.99(-1)	2.04(-1)
²⁰ Ne	1.14(-1)	7.93(-1)	0.	9.29(-2)
²¹ Ne	7.33(-1)	1.05(-2)	2.57(-1)	0.
²² Ne	7.12(-1)	5.80(-3)	2.80(-1)	1.80(-3)
²³ Ne	9.71(-1)	1.30(-3)	2.78(-2)	0.
¹⁹ Na	0.	8.59(-1)	1.17(-1)	2.40(-2)
²⁰ Na	1.00(-2)	6.90(-1)	1.93(-1)	1.07(-1)
²¹ Na	1.10(-3)	8.18(-1)	1.81(-1)	0.
²² Na	1.84(-1)	6.72(-1)	1.43(-1)	0.
²³ Na	1.72(-1)	6.76(-1)	1.48(-1)	4.20(-3)
²⁴ Na	9.20(-1)	3.58(-2)	3.13(-2)	1.27(-2)
²⁵ Na	8.96(-1)	6.35(-2)	3.35(-2)	6.90(-3)
²⁰ Mg	0.	8.97(-1)	9.79(-2)	5.30(-3)
²¹ Mg	1.11(-2)	7.61(-1)	1.11(-1)	1.17(-1)
²² Mg	0.	8.03(-1)	1.97(-1)	0.
²³ Mg	9.63(-2)	7.32(-1)	1.41(-1)	3.07(-2)
²⁴ Mg	9.57(-2)	6.32(-1)	0.	2.72(-1)
²⁵ Mg	9.43(-1)	1.57(-2)	4.10(-2)	0.
²⁶ Mg	8.85(-1)	1.61(-2)	9.83(-2)	0.
²⁷ Mg	9.90(-1)	1.60(-3)	7.90(-3)	0.

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
^{28}Mg	9.79(-1)	0.	2.03(-2)	0.
^{22}Al	0.	9.47(-1)	1.66(-2)	3.63(-2)
^{23}Al	0.	9.78(-1)	2.19(-2)	0.
^{24}Al	6.30(-3)	9.61(-1)	2.05(-2)	1.21(-2)
^{25}Al	1.70(-3)	9.77(-1)	2.09(-2)	0.
^{26}Al	1.20(-1)	8.44(-1)	3.65(-2)	0.
^{27}Al	6.99(-2)	8.64(-1)	6.53(-2)	0.
^{28}Al	9.29(-1)	5.12(-2)	1.42(-2)	5.40(-3)
^{29}Al	9.08(-1)	6.69(-2)	2.36(-2)	1.30(-3)
^{30}Al	9.86(-1)	6.00(-3)	5.50(-3)	2.90(-3)
^{23}Si	0.	9.31(-1)	5.60(-3)	6.29(-2)
^{24}Si	0.	9.67(-1)	3.26(-2)	0.
^{25}Si	8.70(-3)	9.47(-1)	2.23(-2)	2.20(-2)
^{26}Si	0.	9.51(-1)	4.88(-2)	0.
^{27}Si	5.00(-2)	8.78(-1)	6.39(-2)	8.20(-3)
^{28}Si	3.03(-2)	4.05(-1)	0.	5.65(-1)
^{29}Si	9.67(-1)	1.66(-2)	1.59(-2)	0.
^{30}Si	9.16(-1)	2.16(-2)	5.71(-2)	5.60(-3)
^{31}Si	9.88(-1)	2.20(-3)	9.40(-3)	0.
^{32}Si	9.79(-1)	0.	1.97(-2)	0.
^{27}P	0.	9.96(-1)	4.00(-3)	0.
^{28}P	2.90(-3)	9.88(-1)	5.90(-3)	2.70(-3)
^{29}P	0.	9.96(-1)	4.10(-3)	0.
^{30}P	4.24(-2)	9.48(-1)	9.80(-3)	0.
^{31}P	4.50(-2)	9.18(-1)	3.59(-2)	1.30(-3)
^{32}P	8.81(-1)	9.39(-2)	1.82(-2)	7.30(-3)
^{33}P	7.77(-1)	1.57(-1)	3.47(-2)	3.11(-2)
^{34}P	9.76(-1)	1.42(-2)	6.30(-3)	4.00(-3)
^{28}S	0.	9.92(-1)	7.80(-3)	0.
^{29}S	2.20(-3)	9.84(-1)	8.10(-3)	5.80(-3)
^{30}S	0.	9.87(-1)	1.28(-2)	0.
^{31}S	1.99(-2)	9.48(-1)	2.78(-2)	4.70(-3)
^{32}S	1.79(-2)	8.75(-1)	0.	1.07(-1)
^{33}S	8.21(-1)	6.88(-2)	1.08(-1)	1.50(-3)

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
³⁴ S	1.90(-1)	9.89(-2)	2.31(-1)	4.80(-1)
³⁵ S	9.42(-1)	1.44(-2)	4.25(-2)	0.
³⁶ S	8.56(-1)	2.15(-2)	1.19(-1)	3.50(-3)
³⁷ S	9.90(-1)	1.00(-3)	8.90(-3)	0.
³⁸ S	9.62(-1)	1.10(-3)	3.65(-2)	0.
³¹ Cl	0.	9.97(-1)	2.60(-3)	0.
³² Cl	1.20(-3)	9.92(-1)	4.40(-3)	2.60(-3)
³³ Cl	0.	9.77(-1)	2.27(-2)	0.
³⁴ Cl	3.55(-2)	8.79(-1)	7.15(-2)	1.40(-2)
³⁵ Cl	3.66(-2)	8.42(-1)	1.21(-1)	1.30(-3)
³⁶ Cl	6.83(-1)	2.24(-1)	8.07(-2)	1.26(-2)
³⁷ Cl	4.53(-1)	4.07(-1)	1.38(-1)	2.20(-3)
³⁸ Cl	9.42(-1)	1.67(-2)	3.49(-2)	6.00(-3)
³⁹ Cl	8.27(-1)	4.07(-2)	1.24(-1)	8.50(-3)
⁴⁰ Cl	9.79(-1)	4.70(-3)	1.39(-2)	2.80(-3)
⁴¹ Cl	9.85(-1)	6.80(-3)	7.20(-3)	1.30(-3)
⁴² Cl	9.99(-1)	0.	0.	0.
³² Ar	0.	9.95(-1)	5.00(-3)	0.
³³ Ar	1.50(-3)	9.84(-1)	9.00(-3)	5.50(-3)
³⁴ Ar	0.	9.45(-1)	5.47(-2)	0.
³⁵ Ar	2.96(-2)	8.50(-1)	1.14(-1)	6.10(-3)
³⁶ Ar	3.06(-2)	8.81(-1)	2.90(-3)	8.55(-2)
³⁷ Ar	7.09(-1)	1.53(-1)	1.36(-1)	1.80(-3)
³⁸ Ar	3.47(-1)	1.87(-1)	4.65(-1)	0.
³⁹ Ar	9.21(-1)	1.32(-2)	6.46(-2)	0.
⁴⁰ Ar	6.79(-1)	1.67(-2)	3.04(-1)	0.
⁴¹ Ar	9.87(-1)	1.30(-3)	1.15(-2)	0.
⁴² Ar	9.83(-1)	1.40(-3)	1.55(-2)	0.
⁴³ Ar	9.99(-1)	0.	0.	0.
⁴⁴ Ar	4.68(-1)	0.	0.	5.31(-1)
⁴⁵ Ar	1.00(0)	0.	0.	0.
⁴⁶ Ar	4.21(-1)	0.	0.	5.79(-1)
³⁵ K	0.	9.91(-1)	8.40(-3)	0.
³⁶ K	2.20(-3)	9.75(-1)	1.85(-2)	4.00(-3)
³⁷ K	1.00(-3)	9.74(-1)	2.43(-2)	0.

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
³⁸ K	5.74(-2)	8.50(-1)	9.24(-2)	0.
³⁹ K	6.68(-2)	7.78(-1)	1.55(-1)	0.
⁴⁰ K	7.45(-1)	1.39(-1)	1.02(-1)	1.36(-2)
⁴¹ K	4.83(-1)	2.62(-1)	2.53(-1)	1.60(-3)
⁴² K	9.49(-1)	2.63(-2)	2.25(-2)	2.20(-3)
⁴³ K	9.29(-1)	4.94(-2)	1.88(-2)	2.90(-3)
⁴⁴ K	4.63(-1)	3.90(-3)	1.40(-3)	5.31(-1)
⁴⁵ K	4.38(-1)	5.50(-3)	1.20(-3)	5.55(-1)
⁴⁶ K	9.99(-1)	0.	0.	0.
³⁶ Ca	0.	9.78(-1)	2.17(-2)	0.
³⁷ Ca	2.90(-3)	9.56(-1)	3.46(-2)	6.60(-3)
³⁸ Ca	0.	9.05(-1)	9.37(-2)	0.
³⁹ Ca	4.50(-2)	8.14(-1)	1.37(-1)	3.40(-3)
⁴⁰ Ca	5.59(-2)	9.41(-1)	2.00(-3)	0.
⁴¹ Ca	8.43(-1)	6.81(-2)	8.77(-2)	0.
⁴² Ca	4.82(-1)	7.31(-2)	4.43(-1)	1.20(-3)
⁴³ Ca	9.73(-1)	7.60(-3)	1.87(-2)	0.
⁴⁴ Ca	4.12(-1)	1.36(-2)	4.35(-2)	5.31(-1)
⁴⁵ Ca	4.42(-1)	1.20(-3)	1.50(-3)	5.55(-1)
⁴⁶ Ca	4.17(-1)	1.40(-3)	2.90(-3)	5.79(-1)
⁴⁷ Ca	9.98(-1)	0.	0.	1.70(-3)
⁴⁸ Ca	3.73(-1)	0.	0.	6.27(-1)
⁴⁹ Ca	1.00(0)	0.	0.	0.
⁴⁰ Sc	2.20(-3)	9.73(-1)	2.13(-2)	3.60(-3)
⁴¹ Sc	0.	9.86(-1)	1.33(-2)	0.
⁴² Sc	5.90(-2)	8.60(-1)	6.51(-2)	1.57(-2)
⁴³ Sc	3.98(-2)	8.44(-1)	1.15(-1)	1.20(-3)
⁴⁴ Sc	2.68(-1)	1.55(-1)	4.14(-2)	5.36(-1)
⁴⁵ Sc	1.74(-1)	2.41(-1)	2.91(-2)	5.55(-1)
⁴⁶ Sc	3.76(-1)	4.01(-2)	4.20(-3)	5.80(-1)
⁴⁷ Sc	3.04(-1)	8.84(-2)	4.10(-3)	6.03(-1)
⁴⁸ Sc	3.61(-1)	1.11(-2)	0.	6.27(-1)
⁴⁹ Sc	3.31(-1)	3.08(-2)	0.	6.38(-1)
⁵⁰ Sc	9.99(-1)	1.30(-3)	0.	0.
⁴¹ Ti	3.00(-3)	9.38(-1)	5.22(-2)	6.90(-3)

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
^{42}Ti	0.	9.45(-1)	5.46(-2)	0.
^{43}Ti	3.23(-2)	8.62(-1)	9.90(-2)	6.40(-3)
^{44}Ti	2.40(-2)	5.35(-1)	1.30(-3)	4.40(-1)
^{45}Ti	3.51(-1)	4.78(-2)	4.63(-2)	5.55(-1)
^{46}Ti	2.33(-1)	9.10(-2)	9.65(-2)	5.80(-1)
^{47}Ti	3.86(-1)	7.10(-3)	3.70(-3)	6.03(-1)
^{48}Ti	3.44(-1)	1.66(-2)	1.21(-2)	6.28(-1)
^{49}Ti	3.60(-1)	1.90(-3)	0.	6.38(-1)
^{50}Ti	3.44(-1)	5.80(-3)	2.00(-3)	6.49(-1)
^{51}Ti	9.99(-1)	0.	0.	0.
^{52}Ti	9.95(-1)	0.	4.70(-3)	0.
^{43}V	0.	9.97(-1)	3.40(-3)	0.
^{44}V	3.10(-3)	9.85(-1)	1.02(-2)	2.00(-3)
^{45}V	0.	9.91(-1)	8.70(-3)	0.
^{46}V	3.20(-2)	9.09(-1)	1.72(-2)	4.17(-2)
^{47}V	3.25(-2)	9.43(-1)	6.80(-3)	1.80(-2)
^{48}V	2.19(-1)	1.49(-1)	3.60(-3)	6.28(-1)
^{49}V	1.41(-1)	2.69(-1)	3.80(-3)	5.86(-1)
^{50}V	3.02(-1)	4.78(-2)	1.00(-3)	6.49(-1)
^{51}V	2.22(-1)	1.18(-1)	1.60(-3)	6.58(-1)
^{52}V	9.92(-1)	7.50(-3)	0.	0.
^{53}V	9.84(-1)	9.40(-3)	4.90(-3)	1.70(-3)
^{54}V	9.98(-1)	1.20(-3)	1.00(-3)	0.
^{44}Cr	0.	9.93(-1)	7.40(-3)	0.
^{45}Cr	4.60(-3)	9.83(-1)	1.04(-2)	2.00(-3)
^{46}Cr	0.	9.71(-1)	1.86(-2)	9.90(-3)
^{47}Cr	2.56(-2)	9.60(-1)	7.20(-3)	7.20(-3)
^{48}Cr	1.39(-2)	5.14(-1)	0.	4.72(-1)
^{49}Cr	2.84(-1)	7.28(-2)	4.70(-3)	6.38(-1)
^{50}Cr	2.13(-1)	1.13(-1)	2.52(-2)	6.49(-1)
^{51}Cr	3.25(-1)	1.39(-2)	1.90(-3)	6.59(-1)
^{52}Cr	2.79(-1)	4.21(-2)	8.20(-3)	6.70(-1)
^{53}Cr	9.97(-1)	1.70(-3)	0.	0.
^{54}Cr	2.51(-1)	1.70(-3)	6.80(-3)	7.40(-1)
^{55}Cr	9.99(-1)	0.	0.	0.

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
^{56}Cr	9.60(-1)	0.	1.70(-3)	3.83(-2)
^{46}Mn	0.	9.98(-1)	1.30(-3)	0.
^{47}Mn	0.	9.99(-1)	0.	0.
^{48}Mn	1.50(-3)	9.97(-1)	0.	0.
^{49}Mn	0.	9.99(-1)	0.	0.
^{50}Mn	1.83(-2)	9.76(-1)	2.80(-3)	2.50(-3)
^{51}Mn	1.48(-2)	9.79(-1)	2.10(-3)	3.90(-3)
^{52}Mn	1.67(-1)	7.99(-1)	2.30(-3)	3.12(-2)
^{53}Mn	6.74(-2)	8.67(-1)	2.00(-3)	6.37(-2)
^{54}Mn	8.93(-1)	4.40(-2)	1.20(-3)	6.14(-2)
^{55}Mn	1.60(-1)	5.95(-2)	5.00(-3)	7.75(-1)
^{56}Mn	9.93(-1)	4.70(-3)	0.	0.
^{57}Mn	2.30(-1)	1.02(-2)	2.00(-3)	7.57(-1)
^{58}Mn	9.98(-1)	1.10(-3)	0.	0.
^{47}Fe	0.	9.99(-1)	0.	0.
^{48}Fe	0.	9.98(-1)	1.60(-3)	0.
^{49}Fe	1.70(-3)	9.97(-1)	1.20(-3)	0.
^{50}Fe	0.	9.96(-1)	3.00(-3)	1.20(-3)
^{51}Fe	1.17(-2)	9.83(-1)	2.30(-3)	2.50(-3)
^{52}Fe	5.80(-3)	7.55(-1)	0.	2.39(-1)
^{53}Fe	1.91(-1)	1.79(-1)	4.40(-3)	6.25(-1)
^{54}Fe	9.10(-2)	1.55(-1)	1.30(-2)	7.41(-1)
^{55}Fe	2.09(-1)	1.43(-2)	1.50(-3)	7.75(-1)
^{56}Fe	1.58(-1)	2.12(-2)	1.06(-2)	8.11(-1)
^{57}Fe	9.93(-1)	1.80(-3)	1.50(-3)	3.70(-3)
^{58}Fe	2.87(-1)	2.60(-3)	6.10(-3)	7.05(-1)
^{59}Fe	9.99(-1)	0.	0.	0.
^{60}Fe	4.01(-1)	0.	0.	5.99(-1)
^{61}Fe	1.00(0)	0.	0.	0.
^{62}Fe	9.86(-1)	0.	0.	1.42(-2)
^{50}Co	0.	1.00(0)	0.	0.
^{51}Co	0.	1.00(0)	0.	0.
^{52}Co	0.	9.99(-1)	0.	0.
^{53}Co	0.	9.99(-1)	0.	0.
^{54}Co	6.30(-3)	9.90(-1)	1.20(-3)	2.10(-3)

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
⁵⁵ Co	4.50(-3)	9.85(-1)	1.10(-3)	9.80(-3)
⁵⁶ Co	7.81(-2)	7.62(-1)	1.50(-3)	1.58(-1)
⁵⁷ Co	5.06(-2)	5.37(-1)	4.30(-3)	4.08(-1)
⁵⁸ Co	2.36(-1)	5.63(-2)	3.00(-3)	7.05(-1)
⁵⁹ Co	1.92(-1)	1.49(-1)	7.00(-3)	6.52(-1)
⁶⁰ Co	3.88(-1)	1.24(-2)	0.	5.98(-1)
⁶¹ Co	3.72(-1)	3.28(-2)	1.30(-3)	5.94(-1)
⁶² Co	9.98(-1)	1.50(-3)	0.	0.
⁶³ Co	9.76(-1)	4.10(-3)	0.	1.95(-2)
⁶⁴ Co	1.00(0)	0.	0.	0.
⁵¹ Ni	0.	9.99(-1)	0.	0.
⁵² Ni	0.	9.99(-1)	0.	0.
⁵³ Ni	1.00(-3)	9.98(-1)	0.	0.
⁵⁴ Ni	0.	9.98(-1)	1.30(-3)	0.
⁵⁵ Ni	3.50(-3)	9.90(-1)	1.30(-3)	5.00(-3)
⁵⁶ Ni	1.60(-3)	1.86(-1)	0.	8.13(-1)
⁵⁷ Ni	1.59(-1)	8.09(-2)	2.50(-3)	7.57(-1)
⁵⁸ Ni	1.14(-1)	1.56(-1)	2.51(-2)	7.05(-1)
⁵⁹ Ni	3.21(-1)	2.20(-2)	6.00(-3)	6.51(-1)
⁶⁰ Ni	3.07(-1)	6.28(-2)	3.06(-2)	6.00(-1)
⁶¹ Ni	9.22(-1)	2.90(-3)	1.60(-3)	7.33(-2)
⁶² Ni	3.96(-1)	6.90(-3)	8.00(-3)	5.90(-1)
⁶³ Ni	9.99(-1)	0.	0.	0.
⁶⁴ Ni	4.20(-1)	0.	0.	5.79(-1)
⁶⁵ Ni	1.00(0)	0.	0.	0.
⁶⁶ Ni	9.93(-1)	0.	0.	6.70(-3)
⁵⁵ Cu	0.	1.00(0)	0.	0.
⁵⁶ Cu	0.	1.00(0)	0.	0.
⁵⁷ Cu	0.	1.00(0)	0.	0.
⁵⁸ Cu	4.00(-3)	9.94(-1)	1.00(-3)	0.
⁵⁹ Cu	3.50(-3)	9.90(-1)	4.50(-3)	1.50(-3)
⁶⁰ Cu	6.87(-2)	8.95(-1)	7.60(-3)	2.87(-2)
⁶¹ Cu	2.10(-2)	9.46(-1)	7.60(-3)	2.57(-2)
⁶² Cu	2.48(-1)	5.41(-1)	5.20(-3)	2.05(-1)
⁶³ Cu	1.02(-1)	7.45(-1)	7.70(-3)	1.45(-1)

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
^{64}Cu	9.61(-1)	3.51(-2)	1.30(-3)	2.40(-3)
^{65}Cu	3.03(-1)	2.63(-1)	2.70(-3)	4.31(-1)
^{66}Cu	9.94(-1)	5.70(-3)	0.	0.
^{67}Cu	9.68(-1)	2.61(-2)	0.	5.80(-3)
^{68}Cu	9.98(-1)	1.40(-3)	0.	0.
^{57}Zn	0.	9.99(-1)	0.	0.
^{58}Zn	0.	9.99(-1)	0.	0.
^{59}Zn	1.90(-3)	9.94(-1)	3.70(-3)	0.
^{60}Zn	1.10(-3)	7.54(-1)	0.	2.45(-1)
^{61}Zn	9.45(-2)	6.81(-1)	6.47(-2)	1.60(-1)
^{62}Zn	2.08(-2)	3.19(-1)	1.04(-1)	5.56(-1)
^{63}Zn	2.88(-1)	1.70(-1)	4.31(-2)	5.00(-1)
^{64}Zn	1.14(-1)	1.96(-1)	1.18(-1)	5.71(-1)
^{65}Zn	9.70(-1)	1.86(-2)	9.50(-3)	1.80(-3)
^{66}Zn	2.95(-1)	6.81(-2)	7.66(-2)	5.61(-1)
^{67}Zn	9.95(-1)	2.80(-3)	2.10(-3)	0.
^{68}Zn	9.44(-1)	1.20(-2)	1.69(-2)	2.68(-2)
^{69}Zn	9.99(-1)	0.	0.	0.
^{70}Zn	9.93(-1)	1.20(-3)	3.10(-3)	2.90(-3)
^{71}Zn	1.00(0)	0.	0.	0.
^{72}Zn	9.98(-1)	0.	0.	1.40(-3)
^{59}Ga	0.	9.98(-1)	1.70(-3)	0.
^{60}Ga	0.	9.95(-1)	4.80(-3)	0.
^{61}Ga	0.	9.97(-1)	2.80(-3)	0.
^{62}Ga	2.80(-3)	9.87(-1)	9.70(-3)	0.
^{63}Ga	1.80(-3)	9.88(-1)	1.03(-2)	0.
^{64}Ga	4.48(-2)	9.36(-1)	1.78(-2)	1.70(-3)
^{65}Ga	9.70(-3)	9.73(-1)	1.66(-2)	0.
^{66}Ga	3.49(-1)	6.28(-1)	1.89(-2)	3.30(-3)
^{67}Ga	4.97(-2)	9.23(-1)	2.36(-2)	3.60(-3)
^{68}Ga	8.94(-1)	9.66(-2)	7.60(-3)	1.50(-3)
^{69}Ga	4.49(-1)	5.23(-1)	1.94(-2)	8.50(-3)
^{70}Ga	9.84(-1)	1.36(-2)	1.50(-3)	0.
^{71}Ga	9.33(-1)	5.91(-2)	4.90(-3)	2.60(-3)
^{72}Ga	9.98(-1)	2.00(-3)	0.	0.

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
^{73}Ga	9.82(-1)	1.55(-2)	1.00(-3)	1.70(-3)
^{62}Ge	0.	9.79(-1)	1.97(-2)	1.70(-3)
^{63}Ge	6.70(-3)	9.84(-1)	9.30(-3)	0.
^{64}Ge	0.	9.88(-1)	0.	1.15(-2)
^{65}Ge	1.02(-1)	8.53(-1)	4.08(-2)	4.80(-3)
^{66}Ge	1.34(-2)	8.27(-1)	1.20(-1)	3.93(-2)
^{67}Ge	7.38(-1)	2.21(-1)	3.67(-2)	4.50(-3)
^{68}Ge	7.83(-2)	6.29(-1)	1.97(-1)	9.57(-2)
^{69}Ge	9.59(-1)	3.10(-2)	9.10(-3)	0.
^{70}Ge	5.65(-1)	2.10(-1)	1.34(-1)	9.12(-2)
^{71}Ge	9.93(-1)	5.10(-3)	1.80(-3)	0.
^{72}Ge	9.46(-1)	1.95(-2)	2.02(-2)	1.42(-2)
^{73}Ge	9.99(-1)	0.	0.	0.
^{74}Ge	9.92(-1)	1.80(-3)	1.90(-3)	4.70(-3)
^{75}Ge	1.00(0)	0.	0.	0.
^{76}Ge	9.98(-1)	0.	0.	1.50(-3)
^{77}Ge	1.00(0)	0.	0.	0.
^{78}Ge	9.99(-1)	0.	0.	0.
^{65}As	0.	9.98(-1)	1.70(-3)	0.
^{66}As	2.10(-3)	9.92(-1)	5.70(-3)	0.
^{67}As	1.50(-3)	9.92(-1)	6.50(-3)	0.
^{68}As	4.68(-2)	9.38(-1)	1.43(-2)	0.
^{69}As	5.30(-3)	9.85(-1)	9.50(-3)	0.
^{70}As	3.10(-1)	6.74(-1)	1.38(-2)	1.40(-3)
^{71}As	3.54(-2)	9.49(-1)	1.46(-2)	1.40(-3)
^{72}As	8.08(-1)	1.85(-1)	7.00(-3)	0.
^{73}As	2.56(-1)	7.26(-1)	1.56(-2)	2.70(-3)
^{74}As	9.63(-1)	3.47(-2)	2.00(-3)	0.
^{75}As	7.47(-1)	2.46(-1)	4.20(-3)	3.10(-3)
^{76}As	9.93(-1)	6.90(-3)	0.	0.
^{77}As	9.53(-1)	4.51(-2)	0.	1.80(-3)
^{78}As	9.99(-1)	1.20(-3)	0.	0.
^{67}Se	3.70(-3)	9.89(-1)	7.20(-3)	0.
^{68}Se	0.	9.97(-1)	0.	2.70(-3)
^{69}Se	1.52(-1)	8.12(-1)	3.42(-2)	1.90(-3)

NEUTRAL CURRENT BRANCHING RATIOS

$$(T_{\nu\mu} = T_{\nu\tau} = 8.0 \text{ MeV})$$

Target	B_n	B_p	B_α	B_γ
^{70}Se	1.13(-2)	8.73(-1)	1.10(-1)	6.60(-3)
^{71}Se	6.65(-1)	3.03(-1)	2.95(-2)	2.50(-3)
^{72}Se	8.08(-2)	7.34(-1)	1.58(-1)	2.80(-2)
^{73}Se	9.65(-1)	2.88(-2)	5.80(-3)	0.
^{74}Se	6.13(-1)	2.46(-1)	1.07(-1)	3.41(-2)
^{75}Se	9.94(-1)	4.20(-3)	1.00(-3)	0.
^{76}Se	9.47(-1)	3.03(-2)	1.29(-2)	9.90(-3)
^{77}Se	9.99(-1)	0.	0.	0.
^{78}Se	9.90(-1)	4.30(-3)	1.70(-3)	3.90(-3)
^{79}Se	1.00(0)	0.	0.	0.
^{80}Se	9.97(-1)	0.	0.	2.00(-3)
^{68}Br	0.	9.97(-1)	2.40(-3)	0.
^{69}Br	0.	9.99(-1)	1.20(-3)	0.
^{70}Br	2.10(-3)	9.92(-1)	5.70(-3)	0.
^{71}Br	0.	9.95(-1)	4.50(-3)	0.
^{72}Br	5.49(-2)	9.37(-1)	7.50(-3)	0.
^{73}Br	3.90(-3)	9.91(-1)	4.40(-3)	0.
^{74}Br	3.21(-1)	6.71(-1)	6.30(-3)	1.20(-3)
^{75}Br	3.60(-2)	9.57(-1)	5.90(-3)	1.00(-3)
^{76}Br	7.27(-1)	2.70(-1)	1.90(-3)	0.
^{77}Br	2.70(-1)	7.24(-1)	3.70(-3)	2.00(-3)
^{78}Br	9.38(-1)	6.07(-2)	0.	0.
^{79}Br	6.40(-1)	3.55(-1)	2.20(-3)	2.80(-3)
^{80}Br	9.87(-1)	1.26(-2)	0.	0.
^{69}Kr	0.	9.97(-1)	2.50(-3)	0.
^{70}Kr	0.	9.92(-1)	7.90(-3)	0.
^{71}Kr	3.90(-3)	9.89(-1)	6.40(-3)	0.
^{72}Kr	0.	9.98(-1)	0.	2.20(-3)
^{73}Kr	2.00(-1)	7.80(-1)	1.70(-2)	2.70(-3)
^{74}Kr	2.37(-2)	9.25(-1)	4.51(-2)	5.80(-3)
^{75}Kr	6.99(-1)	2.88(-1)	1.10(-2)	2.70(-3)
^{76}Kr	2.01(-1)	7.01(-1)	8.18(-2)	1.65(-2)
^{77}Kr	9.47(-1)	4.92(-2)	2.00(-3)	1.30(-3)
^{78}Kr	7.37(-1)	2.14(-1)	3.30(-2)	1.58(-2)
^{79}Kr	9.93(-1)	5.60(-3)	0.	0.
^{80}Kr	9.34(-1)	4.69(-2)	9.60(-3)	9.60(-3)