| | s-wave | | | | p-wave | | | | |
Galaxy	$J(0.1°)$ $\mathrm{GeV^2cm^{-5}}$	$J(0.2°)$ $\mathrm{GeV^2cm^{-5}}$	$J(0.5°)$ $\mathrm{GeV^2cm^{-5}}$	$J(10°)$ $\mathrm{GeV^2cm^{-5}}$	$J(0.1°)$ $\mathrm{GeV^2cm^{-5}}$	$J(0.2°)$ $\mathrm{GeV^2cm^{-5}}$	$J(0.5°)$ $\mathrm{GeV^2cm^{-5}}$	$J(10°)$ $\mathrm{GeV^2cm^{-5}}$	$J(0.1°)$ $\mathrm{GeV^2cm^{-5}}$
Aquarius II	$18.01^{+0.63}_{-0.57}$	$18.15^{+0.63}_{-0.57}$	$18.28^{+0.65}_{-0.58}$	$18.38^{+0.70}_{-0.62}$	$9.83^{+0.97}_{-0.87}$	$10.04^{+1.01}_{-0.90}$	$10.22^{+1.09}_{-0.96}$	$10.37^{+1.22}_{-1.06}$	$1.92^{+1.40}_{-1.22}$
Boötes I	$17.77^{+0.30}_{-0.29}$	$17.97^{+0.30}_{-0.27}$	$18.18^{+0.31}_{-0.29}$	$18.38^{+0.44}_{-0.38}$	$9.36^{+0.46}_{-0.42}$	$9.66^{+0.50}_{-0.47}$	$9.96^{+0.60}_{-0.58}$	$10.23^{+0.93}_{-0.75}$	$1.28^{+0.75}_{-0.68}$
Canes Venatici I	$17.17^{+0.19}_{-0.18}$	$17.31^{+0.16}_{-0.15}$	$17.42^{+0.17}_{-0.15}$	$17.48^{+0.23}_{-0.18}$	$8.99^{+0.23}_{-0.22}$	$9.19^{+0.29}_{-0.25}$	$9.33^{+0.43}_{-0.31}$	$9.39^{+0.61}_{-0.35}$	$1.05^{+0.44}_{-0.35}$
Canes Venatici II	$21.86^{+0.33}_{-0.32}$	$21.96^{+0.32}_{-0.31}$	$22.05^{+0.32}_{-0.31}$	$22.12^{+0.34}_{-0.33}$	$1.56^{+1.05}_{-1.08}$	$1.84^{+1.13}_{-1.20}$	$2.08^{+1.27}_{-1.35}$	$2.22^{+1.46}_{-1.46}$	$17.53^{+0.43}_{-0.41}$
Carina I	$17.54^{+0.18}_{-0.15}$	$17.70^{+0.13}_{-0.11}$	$17.83^{+0.10}_{-0.09}$	$17.90^{+0.15}_{-0.11}$	$9.16^{+0.13}_{-0.11}$	$9.38^{+0.14}_{-0.12}$	$9.53^{+0.27}_{-0.16}$	$9.59^{+0.43}_{-0.19}$	$1.01^{+0.23}_{-0.16}$
Carina II	$17.88^{+0.56}_{-0.55}$	$18.07^{+0.54}_{-0.53}$	$18.25^{+0.54}_{-0.53}$	$18.47^{+0.64}_{-0.61}$	$9.11^{+0.81}_{-0.80}$	$9.39^{+0.85}_{-0.82}$	$9.67^{+0.92}_{-0.90}$	$9.95^{+1.21}_{-1.05}$	$0.68^{+1.20}_{-1.15}$
Coma Berenices I	$23.03^{+0.27}_{-0.26}$	$23.16^{+0.25}_{-0.25}$	$23.29^{+0.24}_{-0.24}$	$23.46^{+0.29}_{-0.28}$	$2.40^{+0.94}_{-0.92}$	$2.77^{+1.03}_{-1.07}$	$3.16^{+1.19}_{-1.32}$	$3.50^{+1.74}_{-1.62}$	$18.60^{+0.31}_{-0.32}$
Crater II	$14.91^{+0.15}_{-0.29}$	$15.13^{+0.30}_{-0.28}$	$15.35^{+0.27}_{-0.25}$	$15.56^{+0.25}_{-0.23}$	$5.48^{+0.41}_{-0.38}$	$5.81^{+0.39}_{-0.35}$	$6.14^{+0.36}_{-0.34}$	$6.43^{+0.42}_{-0.37}$	$-3.60^{+0.49}_{-0.46}$
Draco I	$18.36^{+0.15}_{-0.13}$	$18.59^{+0.13}_{-0.12}$	$18.84^{+0.12}_{-0.12}$	$19.10^{+0.25}_{-0.22}$	$10.43^{+0.15}_{-0.14}$	$10.78^{+0.17}_{-0.17}$	$11.15^{+0.25}_{-0.27}$	$11.51^{+0.55}_{-0.48}$	$2.86^{+0.32}_{-0.28}$
Fornax I	$1.86^{+0.12}_{-0.12}$	$2.04^{+0.10}_{-0.10}$	$2.14^{+0.10}_{-0.09}$	$2.16^{+0.10}_{-0.10}$	$22.22^{+0.12}_{-0.13}$	$22.30^{+0.11}_{-0.12}$	$22.34^{+0.10}_{-0.11}$	$22.36^{+0.10}_{-0.10}$	$9.78^{+0.12}_{-0.13}$
Hercules I	$17.16^{+0.52}_{-0.52}$	$17.28^{+0.51}_{-0.52}$	$17.37^{+0.53}_{-0.53}$	$17.44^{+0.58}_{-0.57}$	$8.59^{+0.79}_{-0.80}$	$8.76^{+0.83}_{-0.84}$	$8.88^{+0.95}_{-0.90}$	$8.95^{+1.07}_{-0.94}$	$0.25^{+1.17}_{-1.15}$
Horologium I	$19.02^{+0.76}_{-0.64}$	$19.15^{+0.76}_{-0.66}$	$19.28^{+0.77}_{-0.71}$	$19.39^{+0.84}_{-0.79}$	$11.08^{+1.16}_{-1.07}$	$11.29^{+1.20}_{-1.18}$	$11.46^{+1.30}_{-1.30}$	$11.57^{+1.51}_{-1.39}$	$3.43^{+1.67}_{-1.65}$
Hydrus I	$22.86^{+0.28}_{-0.26}$	$23.00^{+0.25}_{-0.24}$	$23.14^{+0.23}_{-0.21}$	$23.34^{+0.28}_{-0.25}$	$1.20^{+0.90}_{-0.84}$	$1.58^{+1.00}_{-0.99}$	$2.00^{+1.16}_{-1.24}$	$2.42^{+1.85}_{-1.61}$	$9.51^{+0.49}_{-0.46}$
Leo I	$17.37^{+0.12}_{-0.11}$	$17.52^{+0.10}_{-0.10}$	$17.65^{+0.14}_{-0.12}$	$17.71^{+0.22}_{-0.16}$	$9.46^{+0.18}_{-0.16}$	$9.68^{+0.26}_{-0.23}$	$9.86^{+0.38}_{-0.34}$	$9.93^{+0.54}_{-0.40}$	$1.80^{+0.40}_{-0.34}$
Leo II	$17.64^{+0.18}_{-0.16}$	$17.71^{+0.18}_{-0.17}$	$17.76^{+0.22}_{-0.18}$	$17.77^{+0.26}_{-0.19}$	$9.52^{+0.34}_{-0.26}$	$9.59^{+0.47}_{-0.29}$	$9.62^{+0.60}_{-0.31}$	$9.62^{+0.68}_{-0.31}$	$1.56^{+0.69}_{-0.42}$
Reticulum II	$23.11^{+0.31}_{-0.29}$	$23.24^{+0.28}_{-0.27}$	$23.37^{+0.27}_{-0.26}$	$23.56^{+0.32}_{-0.30}$	$1.88^{+1.00}_{-0.99}$	$2.24^{+1.10}_{-1.15}$	$2.62^{+1.29}_{-1.41}$	$2.93^{+2.00}_{-1.69}$	$10.04^{+0.56}_{-0.56}$
Sagittarius II	$17.07^{+1.60}_{-1.09}$	$17.22^{+1.47}_{-1.02}$	$17.35^{+1.36}_{-0.91}$	$17.48^{+1.23}_{-0.79}$	$8.20^{+1.95}_{-1.39}$	$8.42^{+1.77}_{-1.27}$	$8.62^{+1.60}_{-1.14}$	$8.83^{+1.42}_{-1.07}$	$-0.39^{+2.20}_{-1.61}$
Sculptor I	$18.32^{+0.11}_{-0.10}$	$18.47^{+0.08}_{-0.07}$	$18.58^{+0.05}_{-0.05}$	$18.63^{+0.05}_{-0.05}$	$10.14^{+0.08}_{-0.07}$	$10.36^{+0.06}_{-0.06}$	$10.51^{+0.10}_{-0.08}$	$10.55^{+0.15}_{-0.09}$	$2.22^{+0.09}_{-0.08}$
Segue 1	$1.60^{+1.18}_{-1.20}$	$1.81^{+1.34}_{-1.25}$	$1.98^{+1.63}_{-1.33}$	$2.08^{+2.33}_{-1.39}$	$23.46^{+0.48}_{-0.51}$	$23.57^{+0.44}_{-0.48}$	$23.66^{+0.40}_{-0.45}$	$23.79^{+0.40}_{-0.46}$	$18.84^{+0.51}_{-0.60}$
Sextans I	$17.38^{+0.24}_{-0.23}$	$17.56^{+0.19}_{-0.18}$	$17.73^{+0.12}_{-0.12}$	$17.87^{+0.13}_{-0.13}$	$8.91^{+0.21}_{-0.19}$	$9.20^{+0.15}_{-0.14}$	$9.45^{+0.16}_{-0.14}$	$9.57^{+0.39}_{-0.18}$	$0.77^{+0.19}_{-0.18}$
Tucana II	$18.42^{+0.57}_{-0.51}$	$18.63^{+0.55}_{-0.50}$	$18.84^{+0.54}_{-0.50}$	$19.09^{+0.60}_{-0.56}$	$10.26^{+0.81}_{-0.73}$	$10.58^{+0.81}_{-0.75}$	$10.90^{+0.85}_{-0.80}$	$11.24^{+1.04}_{-0.97}$	$2.48^{+1.12}_{-1.04}$
Ursa Major I	$22.32^{+0.32}_{-0.28}$	$22.42^{+0.28}_{-0.25}$	$22.52^{+0.24}_{-0.23}$	$22.62^{+0.23}_{-0.22}$	$1.81^{+0.62}_{-0.59}$	$2.07^{+0.71}_{-0.66}$	$2.28^{+0.90}_{-0.75}$	$2.39^{+1.26}_{-0.84}$	$17.95^{+0.33}_{-0.30}$
Ursa Major II	$19.00^{+0.45}_{-0.40}$	$19.22^{+0.42}_{-0.39}$	$19.45^{+0.40}_{-0.39}$	$19.73^{+0.53}_{-0.48}$	$10.85^{+0.61}_{-0.58}$	$11.18^{+0.63}_{-0.60}$	$11.52^{+0.70}_{-0.68}$	$11.92^{+1.05}_{-0.92}$	$3.09^{+0.91}_{-0.86}$
Ursa Minor I	$18.55^{+0.18}_{-0.23}$	$18.67^{+0.15}_{-0.17}$	$18.75^{+0.12}_{-0.17}$	$18.80^{+0.12}_{-0.11}$	$10.34^{+0.17}_{-0.17}$	$10.53^{+0.14}_{-0.14}$	$10.66^{+0.16}_{-0.14}$	$10.69^{+0.20}_{-0.15}$	$2.40^{+0.18}_{-0.17}$
Willman 1	$3.09^{+1.22}_{-1.12}$	$3.34^{+1.40}_{-1.27}$	$3.56^{+1.68}_{-1.46}$	$3.70^{+2.33}_{-1.58}$	$19.23^{+0.47}_{-0.46}$	$19.39^{+0.47}_{-0.46}$	$19.54^{+0.50}_{-0.50}$	$19.69^{+0.69}_{-0.59}$	$11.01^{+0.71}_{-0.70}$

Table 1: Integrated J-factors presented as $\log_{10}(J/\mathrm{GeV^2cm^{-5}})$ for s-wave annihilation for cones of radius 0.1°, 0.2°, 0.5° and 10°.