

**Table 2.** Effective dose per unit air kerma free in-air (Sv/Gy) in this study and results reported by other author for CRAM, ICRP , MASH3 and KTMAN-2phantoms in some irradiation geometries for energies of 0.08 MeV, 0.3 MeV and 1 MeV.

Phantom	Energy(MeV)	This Study						Others			
		AP	RLAT	PA	LLAT	OH	UF	AP	RLAT	PA	LLAT
CRAM	0.08	1.390	0.734	0.851	0.796	0.215	0.248	1.394	0.727	0.882	0.791
	0.3	1.090	0.700	0.802	0.740	0.242	0.242	1.090	0.694	0.813	0.735
	1	1.010	0.774	0.847	0.798	0.322	0.309	1.004	0.768	0.850	0.795
ICRP	0.08	1.410	0.578	0.848	0.673	0.292	0.315	1.440	0.559	0.974	0.693
	0.3	1.090	0.574	0.788	0.638	0.315	0.193	1.090	0.580	0.836	0.643
	1	1.010	0.667	0.831	0.714	0.391	0.249	1.000	0.676	0.855	0.720
MASH3	0.08	1.370	0.550	0.880	0.620	0.267	0.315	1.362	1.362	N.A.*	0.847
	0.3	1.070	0.560	0.810	0.610	0.285	0.320	1.047	1.047	N.A.	0.770
	1	0.990	0.660	0.850	0.700	0.359	0.375	0.979	0.979	N.A.	0.892
KTMAN-2	0.08	1.300	0.490	0.839	0.559	0.189	0.190	1.386	0.492	N.A.	0.490
	0.3	1.010	0.500	0.760	0.559	0.213	0.158	N.A.	N.A.	N.A.	N.A.
	1	0.930	0.600	0.780	0.650	0.289	0.193	N.A.	N.A.	N.A.	N.A.

\*.Not Available