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Accelerator Facilities for Radiation Research

Francis A. Cucinotta, PhD NASA Johnson Space Center















anu	ation	: Ph	ysica	1 and	1 B10	logical	Dosimetr
Comparis	ons lo mea	surements	for dose- ar	nd dose equ	ivalent rate	e on Mir+18.	
	GCR		Trapped Protons		TOTAL		
	Dose mGy/day	Dose Eq. mSv/day	Dose mGy/day	Dose Eq. mSv/day	Dose mGy/day	Dose Eq. mSy/day	
TEPC	0.142	0.461	0.153	0.298	0.299	0.781	
HZETRN Naussica TEPC	0.138 0.141	0.535 0.526	0.191 0.140	0.295 0.219	0.329 0.281	0.830 0.745	
Location Lyulin	0 134	0 547	0.254	0 391	0 388	0.918	
Compariso chromosom	ns of Calc reaberratio	ulations to n (dicentri Model	o Measuren cs) from Mi GCR	ments for ir-18 Crew Trap	Fraction of Member	of lymphocytes Total	<i>₩4</i> ħ
Shielding	Naussica		2.20 x I	0-3 2.19	x 10 ⁻³	4.39 x 10 ⁻³	-1
Shielding Naussica		Teack	2.78 x 1	0 3 2.66	x 10 ⁻¹	5.44 x 10 ⁻³	1
Naussica Naussica		TIACK					7
Shielding Naussica Naussica Lyulin		LET	2.23 x 1	0' 2.46	x 10 [°]	4.69 x 10 °	
Shielding Naussica Naussica Lyulin Lyulin		LET	2.23 x 1 2.76 x 1	0 ⁻³ 2.46 0 ⁻³ 3.02	x 10 ⁻³	4.69 x 10 ⁻¹	-



