Absorbed dose from 8-250MeV proton totals (skin, body).

Outboard trajectory	76.84180rad, 4.72583rad
Inboard trajectory = (Outboard trajectory)*2/5	30.736512rad, 1.890332rad
TOTALS	**107.578312rad,** **6.616162rad**

Equivalent dose from 8-150MeV protons = (Absorbed dose)*Q = (Absorbed dose)*5
Equivalent dose corrected = (Absorbed dose)*Q*(correction factor) = (Absorbed dose)*5*3

Equivalent dose from 8-250MeV proton totals (skin, body).

Trajectory	Equivalent dose (uncorrected)	Equivalent dose (corrected)
Outboard trajectory	384.209rad, 23.62915rad	1152.627rad, 70.88745rad
Inboard trajectory = (Outboard trajectory)*2/5	153.68256rad, 9.45166rad	461.04768rad, 28.35498rad
TOTALS	**537.89156rad,** **33.08081rad**	**1613.67468rad,** **99.24243rad**

Absorbed dose from 251-400MeV proton totals (Estimated skin, body).
Estimated skin = (body/6)*100

Outboard trajectory	0.363833rad, 0.021830rad
Inboard trajectory = (Outboard trajectory)*2/5	0.145533rad, 0.008732rad
TOTALS	**0.509366rad,** **0.030562rad**

Equivalent dose from 251-400MeV protons = (Absorbed dose)*Q = (Absorbed dose)*2
Equivalent dose corrected = (Absorbed dose)*Q*(correction factor) = (Absorbed dose)*2*3

Equivalent dose from 251-400MeV proton totals (skin, body).

Trajectory	Equivalent dose (uncorrected)	Equivalent dose (corrected)
Outboard trajectory	0.727666rad, 0.043660rad	2.182998rad, 0.130980rad
Inboard trajectory = (Outboard trajectory)*2/5	0.291066rad, 0.017464rad	0.873198rad, 0.052392rad
TOTALS	**1.018732rad,** **0.061124rad**	**3.056196rad,** **0.183372rad**

Absorbed dose from 8-400MeV proton totals (skin, body).

Outboard trajectory	77.205633rad, 4.747660rad
Inboard trajectory = (Outboard trajectory)*2/5	30.8822532rad, 1.899064rad
TOTALS	**108.0878862rad** **6.646724rad**

Equivalent dose from 8-400MeV protons = (Absorbed dose)*Q = (Absorbed dose)*5
Equivalent dose corrected = (Absorbed dose)*Q*(correction factor) = (Absorbed dose)*5*3

Equivalent dose from 8-400MeV proton totals (skin, body).

Trajectory	Equivalent dose (uncorrected)	Equivalent dose (corrected)
Outboard trajectory	386.028165rad, 23.738300rad	1,158.084495rad, 71.21490rad
Inboard trajectory = (Outboard trajectory)*2/5	154.411266rad, 9.49532rad	463.233798rad, 28.48596rad
TOTALS	**540.439431rad, 33.23362rad**	**1,621.318293rad, 99.70094rad**

Estimated corrected equivalent dose from secondary neutrons (skin, body)
(Neutron dose = 0.3*proton dose)

Trajectory	Protons	Neutrons	TOTALS
Outboard trajectory	1,158.084495rad, 71.21490rad	347.4253485rad, 21.36447rad	1,505.509844rad, 92.57937rad
Inboard trajectory = (Outboard trajectory)*2/5	463.233798rad, 28.48596rad	138.9701394rad, 8.545788rad	602.2039374rad, 37.031748rad
TOTALS	**1,621.318293rad, 99.70094rad**	**486.3954879rad, 29.910258rad**	**2,107.713781rad, 129.611118rad**