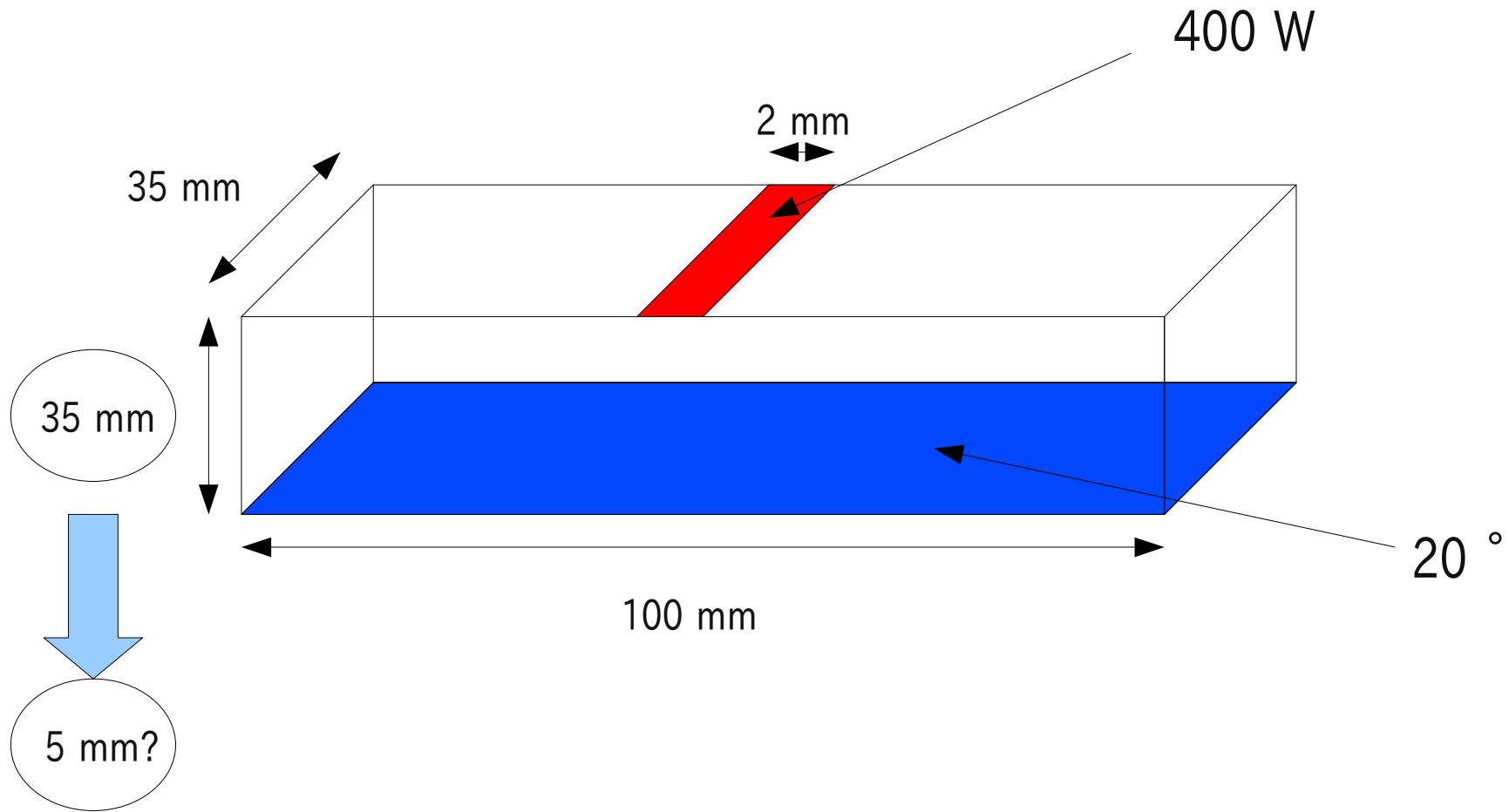


# Beミラーの熱負荷

## フラナガン

	HER	LER1	LER2		SHER	SLER1	SLER2
Energy (GeV)	8	3.5	3.5		8	3.5	3.5
$\rho$ (m)	580	60	60		1160	180	120
E_crit (keV)	1.94	1.57	1.57		0.97	0.52	0.79
Power (W/mrad/A)	97.46	34.51	34.51		48.73	11.5	17.26
I (A)	1.4	2	2		4.1	9.4	9.4
Path length to mirror (m)	13.6	11.6	19.7		13.6	11.6	19.7
Incident angle (mrad)	1.82	2.13	1.26		1.82	2.13	1.26
Total incident power (W)	248	147	87		364	231	204
$\sigma_{\text{crit}}$ (mrad)	0.041	0.093	0.093		0.041	0.093	0.093
Incid. power footprint width (mm)	2.22	4.34	7.36		2.22	4.34	7.36
Be att. Len. @ E_crit (mm)	0.07	0.03	0.03		0.01	0.01	0.01

# Beミラー (KEKBタイプ)



# ANSYS simulation (有永氏)

## 400W

