

# Predicted cross section in mb from Phojet 1.12 and Pythia 6.420

				Phojet		Pythia			
<b>14 TeV:</b>	<b>Phojet</b>	<b>Pythia</b>		Non diff.	68.0 (82%)	54.7 (69%)	} → Minimum bias	<b>Phojet</b>	<b>Pythia</b>
	Inelastic	83.1	79.3	Double diff.	4.1 (5%)	10.3 (13%)		72.1	65.0
	Elastic	34.4	22.2	Single diff.	11.0 (13%)	14.3 (18%)			
	<b>Total</b>	<b>117.5</b>	<b>101.5</b>						
<b>10 TeV:</b>	<b>Phojet</b>	<b>Pythia</b>		Non diff.	64.9 (81%)	51.6 (68%)	} → Minimum bias	<b>Phojet</b>	<b>Pythia</b>
	Inelastic	79.8	75.3	Double diff.	4.0 (5%)	9.8 (13%)		68.9	61.3
	Elastic	32.0	20.8	Single diff.	10.8 (14%)	14.0 (19%)			
	<b>Total</b>	<b>111.8</b>	<b>96.1</b>						
<b>7 TeV:</b>	<b>Phojet</b>	<b>Pythia</b>		Non diff.	61.6 (81%)	48.5 (68%)	} → Minimum bias	<b>Phojet</b>	<b>Pythia</b>
	Inelastic	76.2	71.5	Double diff.	3.9 (5%)	9.3 (13%)		65.5	57.8
	Elastic	29.3	19.4	Single diff.	10.7 (14%)	13.7 (19%)			
	<b>Total</b>	<b>105.5</b>	<b>90.9</b>						
<b>0.9 TeV:</b>	<b>Phojet</b>	<b>Pythia</b>		Non diff.	40.0 (74%)	34.4 (66%)	} → Minimum bias	<b>Phojet</b>	<b>Pythia</b>
	Inelastic	54.0	52.5	Double diff.	3.5 (7%)	6.4 (12%)		43.5	40.8
	Elastic	14.1	12.8	Single diff.	10.5 (19%)	11.7 (22%)			
	<b>Total</b>	<b>68.1</b>	<b>65.3</b>						

(Note: double pomeron processes were not included in PHOJET cross sections).