

BornAgain - Bug #1420

Feature # 1287 (Rejected): == Particle form factors ==

Symmetry S2 not usable

26 Apr 2016 12:48 - wuttke

Status:	Resolved	Start date:	26 Apr 2016
Priority:	Low	Due date:	
Assignee:	wuttke	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
therefore the symmetry is not used until this is resolved			

History

#1 - 27 Apr 2016 08:46 - wuttke

- Subject changed from *Symmetry S2 not used for prism FF* to *Symmetry S2 not usable*

wrong results, therefore disabled in Prism6 and Pyramid

#2 - 29 Apr 2016 16:00 - wuttke

- Status changed from *New* to *Resolved*

A factor i had been accidentally deleted. Now it's back working. Note however that computations with and without `sym_S2` flag can disagree by almost $1e-9$. This is due to cancellation of contributions from different faces, and can in principle be avoided by making more extensive use of the `|q|-expansion`. This, however, empirically results in larger steps detected by the continuity test.