GOMOS H₂O validation with POAMIII
AO317: F. Goutail, A. Bazureau
Service d’Aéronomie, CNRS/IPSL, France

➢ Two latitudes 53°-71°N and 57°-65° S
➢ From Aug. 2002 to Feb. 2003

Twilight observation conditions: 214 files
198 coincidences in Northern Hemisphere
80 coincidences in Southern Hemisphere

➢ Coincidence Criteria: 600km, 24h

<table>
<thead>
<tr>
<th>POAM III PRECISION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Northern Hemisphere</td>
</tr>
<tr>
<td>H₂O</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
Both Hemispheres

POAM

GOMOS

Unrealistic profile

Out of the range
Conclusion

- Not ready for validation
  - Needs to be re-processed