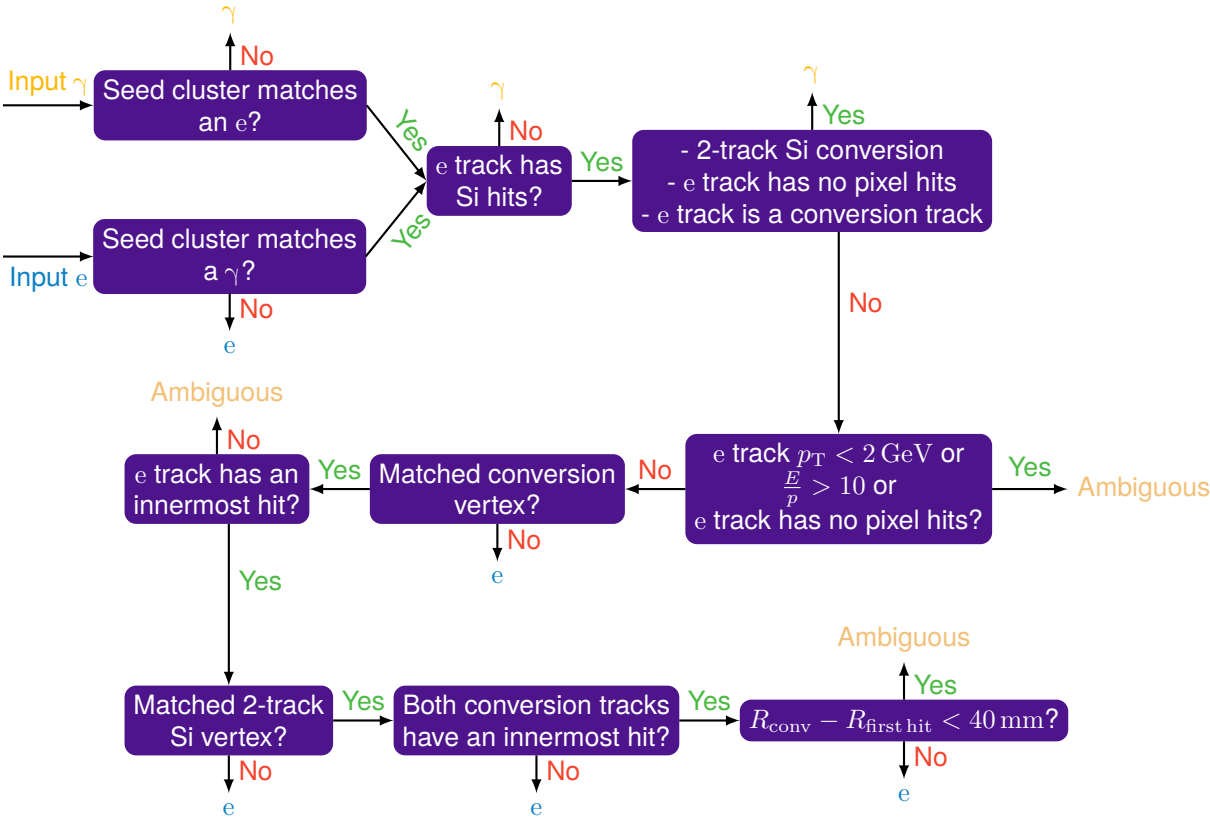

Input γ
Seed cluster matches an e?
γ
No
Yes
Input e
Seed cluster matches a γ?
No
e
Yes
e track has Si hits?
γ
No
Yes
- 2-track Si conversion
- e track has no pixel hits
- e track is a conversion track
γ
Yes
No
e track $p_T < 2\,\mathrm{GeV}$ or $\frac{E}{p} > 10$ or e track has no pixel hits?
Yes
Ambiguous
No
Matched conversion vertex?
No
e
Yes
e track has an innermost hit?
Ambiguous
No
Yes
Matched 2-track Si vertex?
No
e
Yes
Both conversion tracks have an innermost hit?
No
e
Yes
$R_{\mathrm{conv}} - R_{\mathrm{first\,hit}} < 40\,\mathrm{mm}$?
Ambiguous
Yes
No
e