

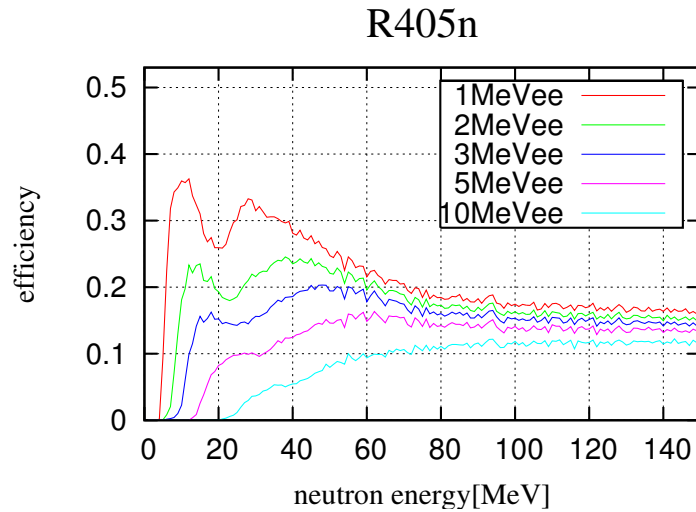
# calculation by DEMONS(R405n)

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## 1 input condition

- 4-pi beam
- target position : (0,0,-456.9cm)
- Veto : 72cm(height) × 230cm(length) × 1cm(thickness)
- long NEUT(2 layers) : 72cm(height) × 210cm(length) × 12cm(thickness)
- short NEUT(2 layers) : 72cm(height) × 110cm(length) × 12cm(thickness)
- gap between Veto and NEUT : 10cm
- gap between long NEUT and short NEUT : 8cm
- the number of incident neutrons :  $10^4$  counts
- light attenuation length(Veto) : 210cm
- light attenuation length(NEUT) : 210cm
- discri threshold : 0.80MeVee
- threshold : 1,2,3,5,10MeVee



☒ 1: R405n setting