

Response Functions and Response Integrals for some (n, γ) reactions

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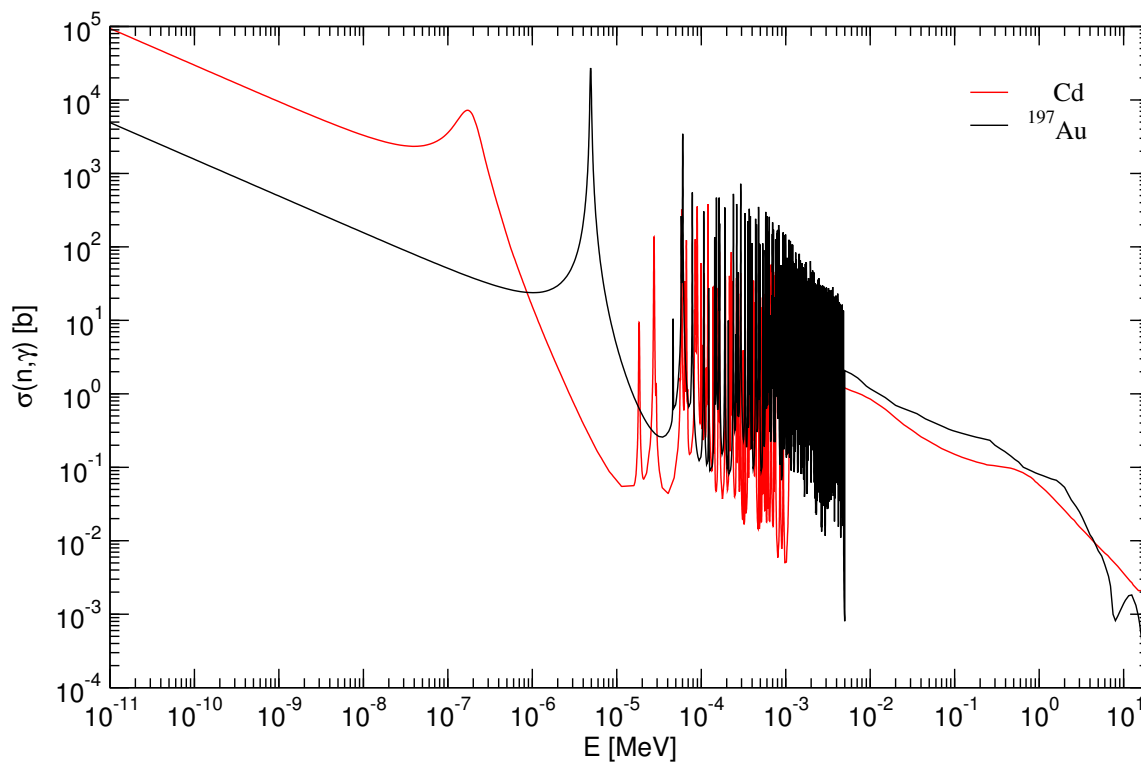


Figure 1: ^{197}Au and Cd cross sections for the (n, γ) reaction.

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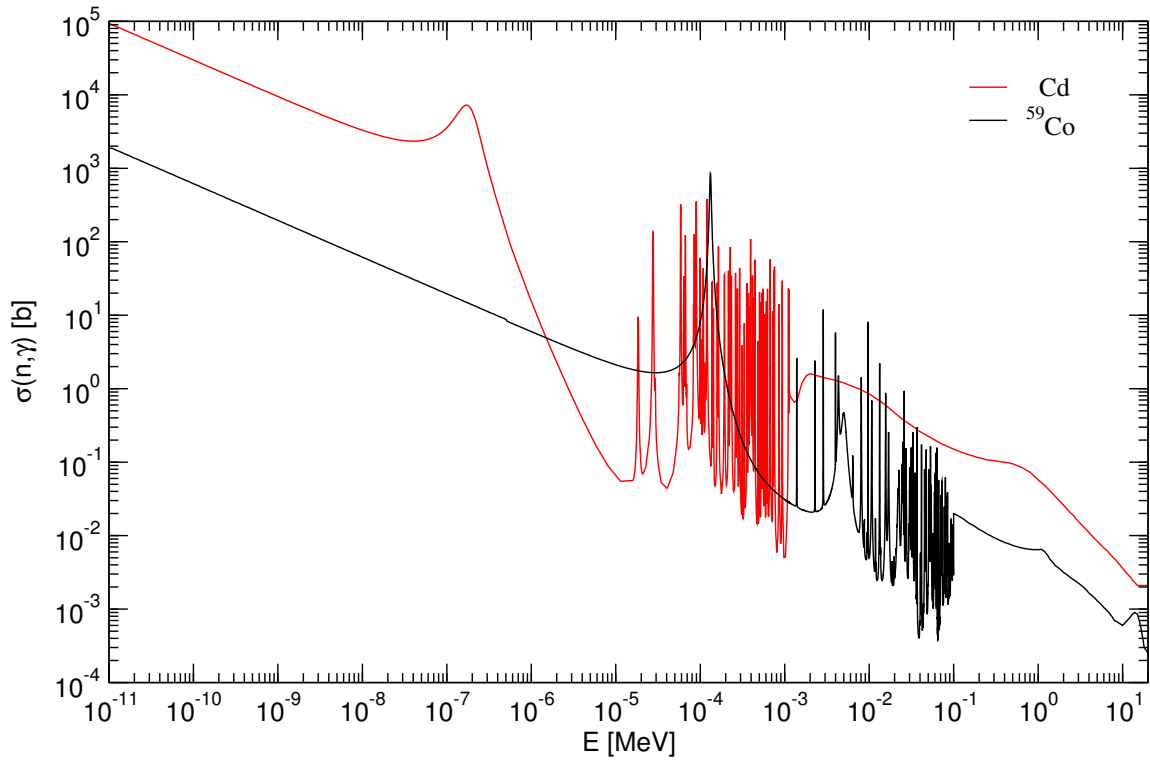


Figure 2: ^{59}Co and Cd cross sections for the (n, γ) reaction.

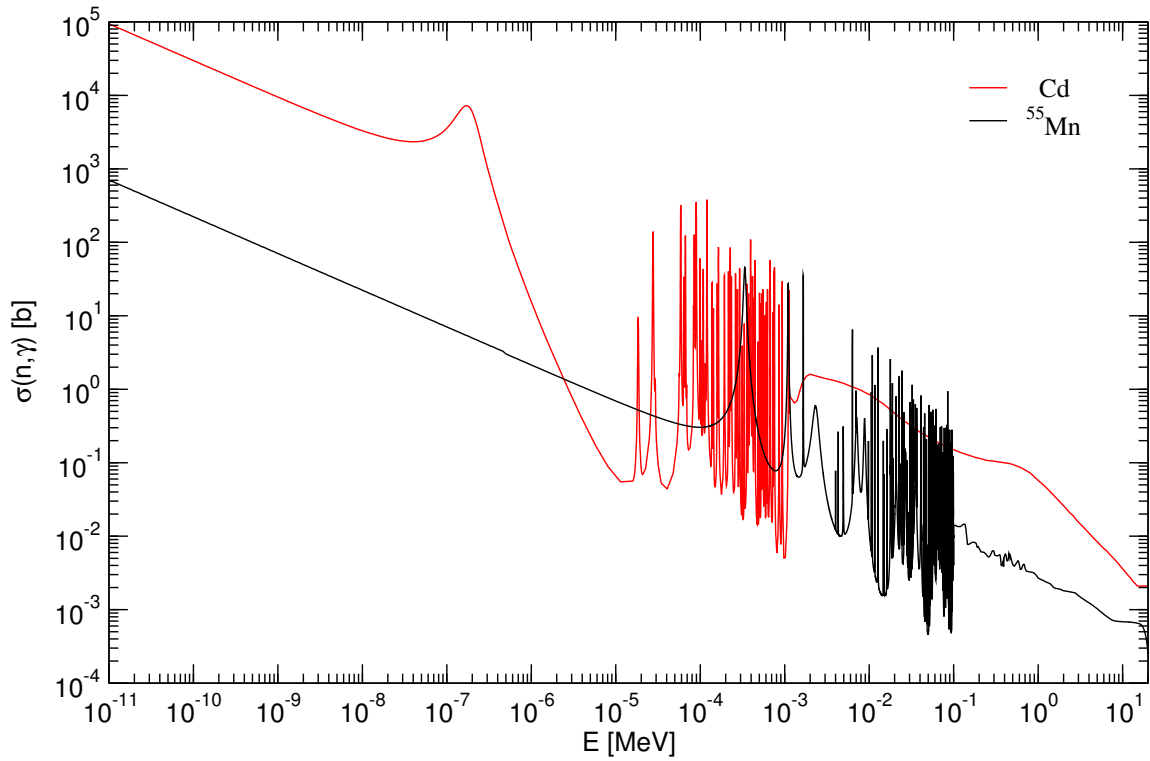


Figure 3: ^{55}Mn and Cd cross sections for the (n, γ) reaction.

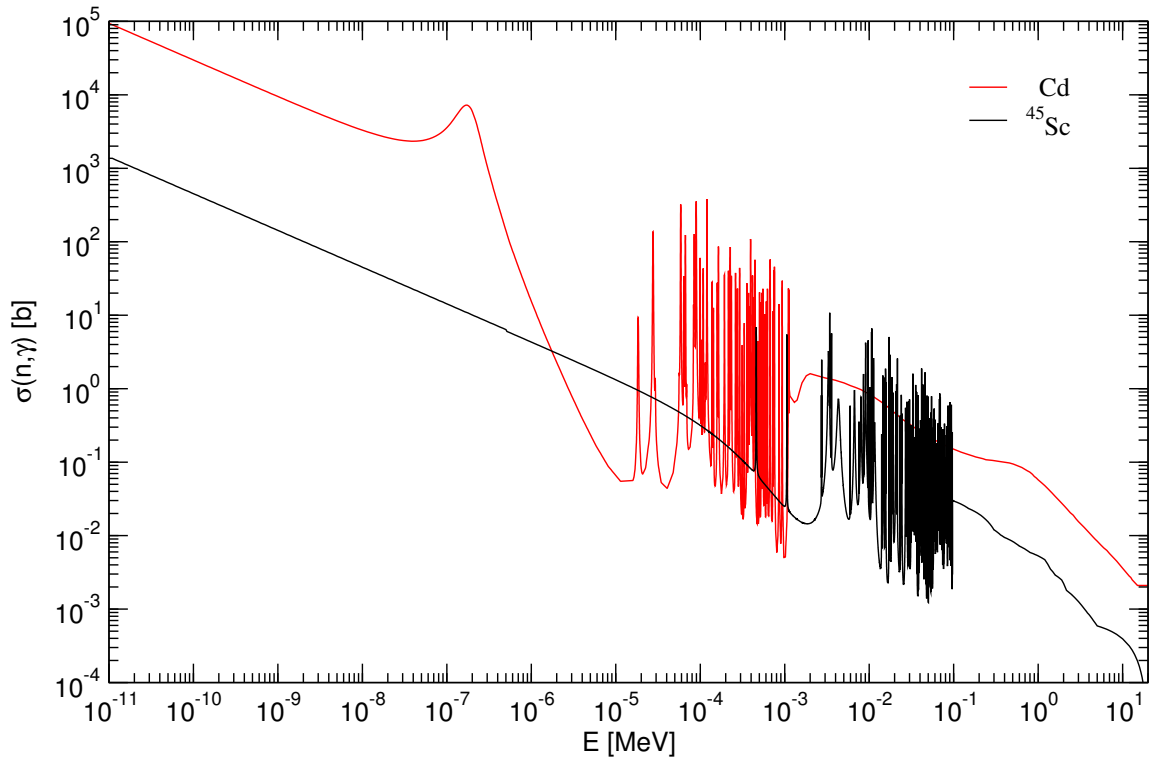


Figure 4: ^{45}Sc and Cd cross sections for the (n, γ) reaction.

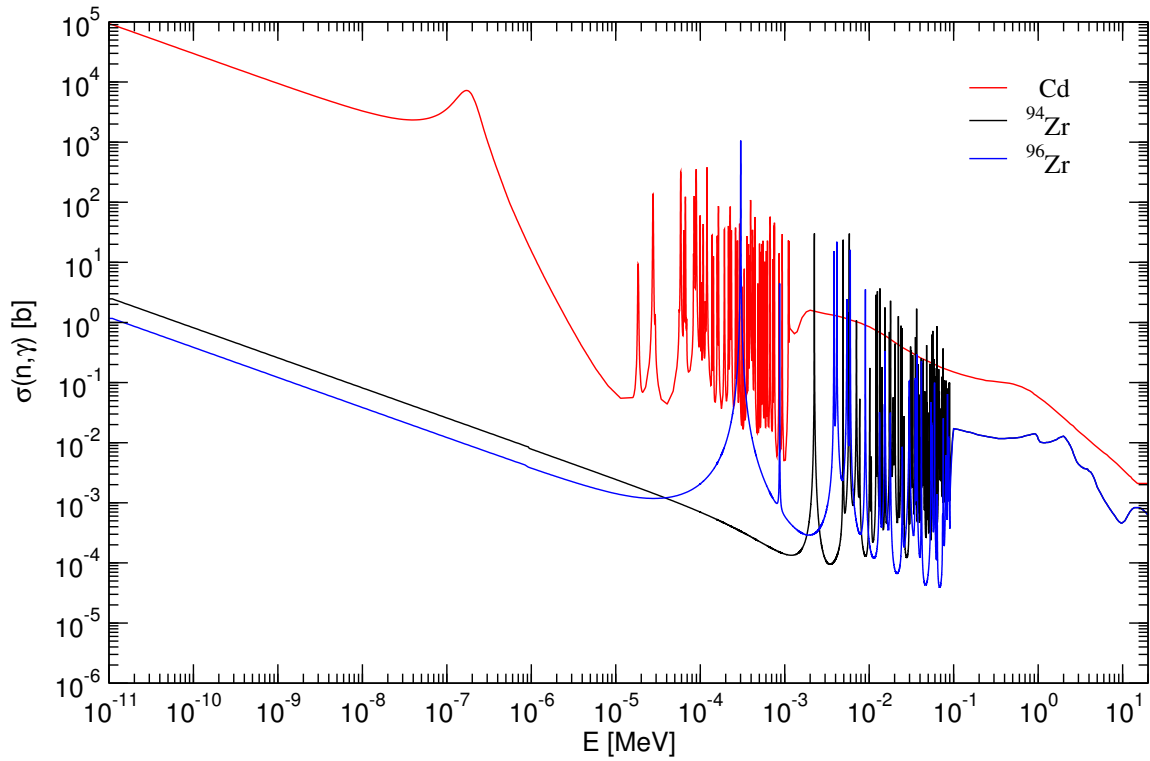


Figure 5: ^{94}Zr , ^{96}Zr and Cd cross sections for the (n, γ) reaction.

¹⁹⁷Au

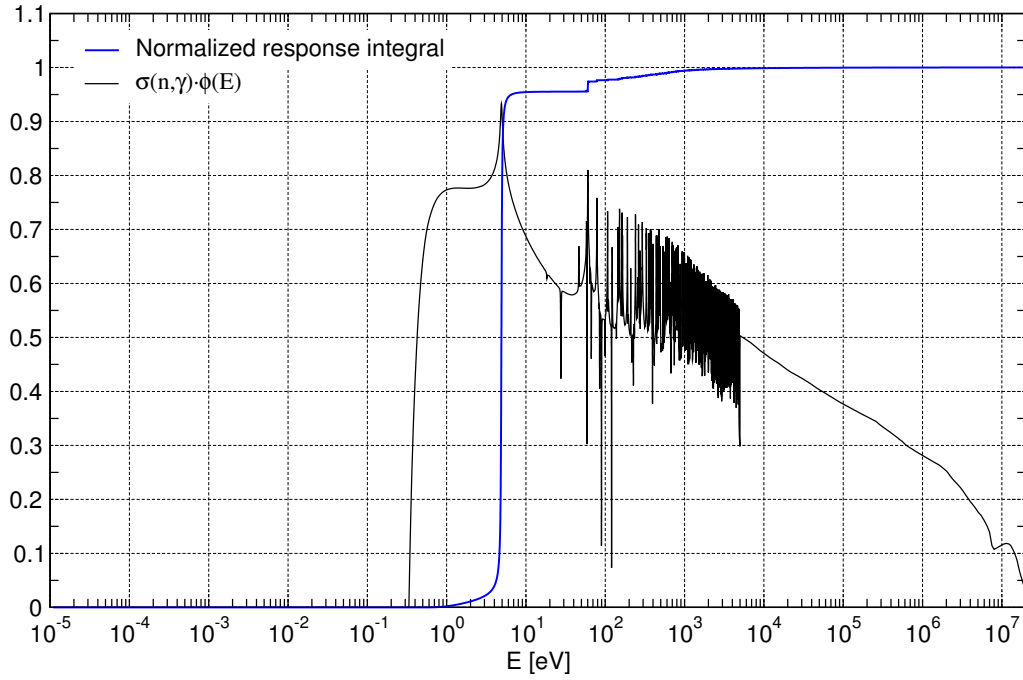


Figure 6: ¹⁹⁷Au response function for the (n, γ) reaction, under a 1 mm thick Cd filter.

⁵⁹Co

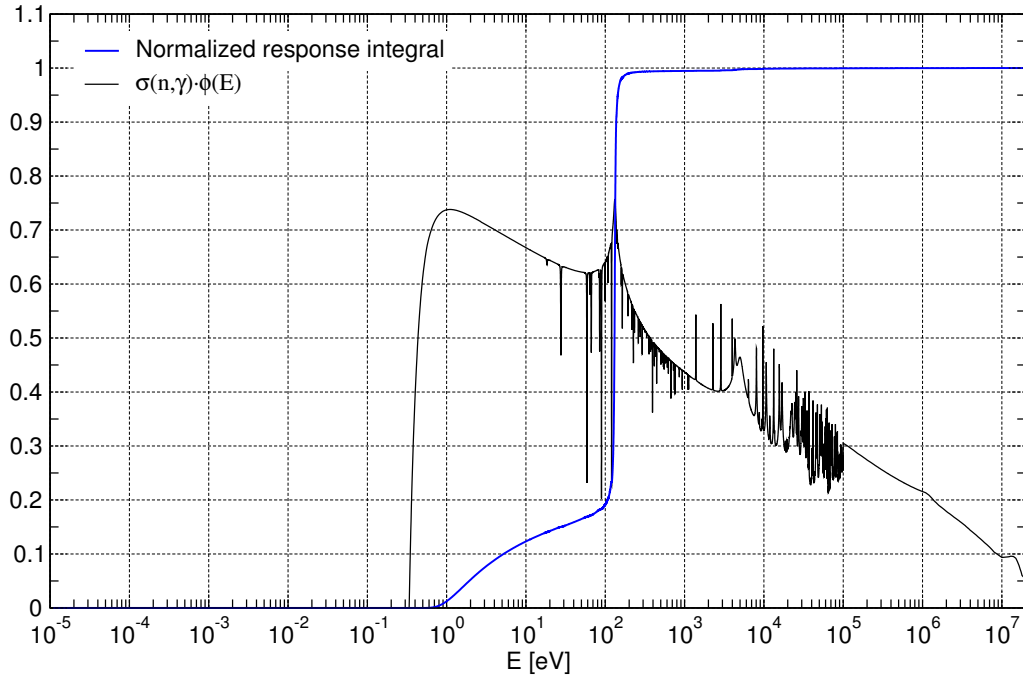


Figure 7: ⁵⁹Co response function for the (n, γ) reaction, under a 1 mm thick Cd filter.

^{55}Mn

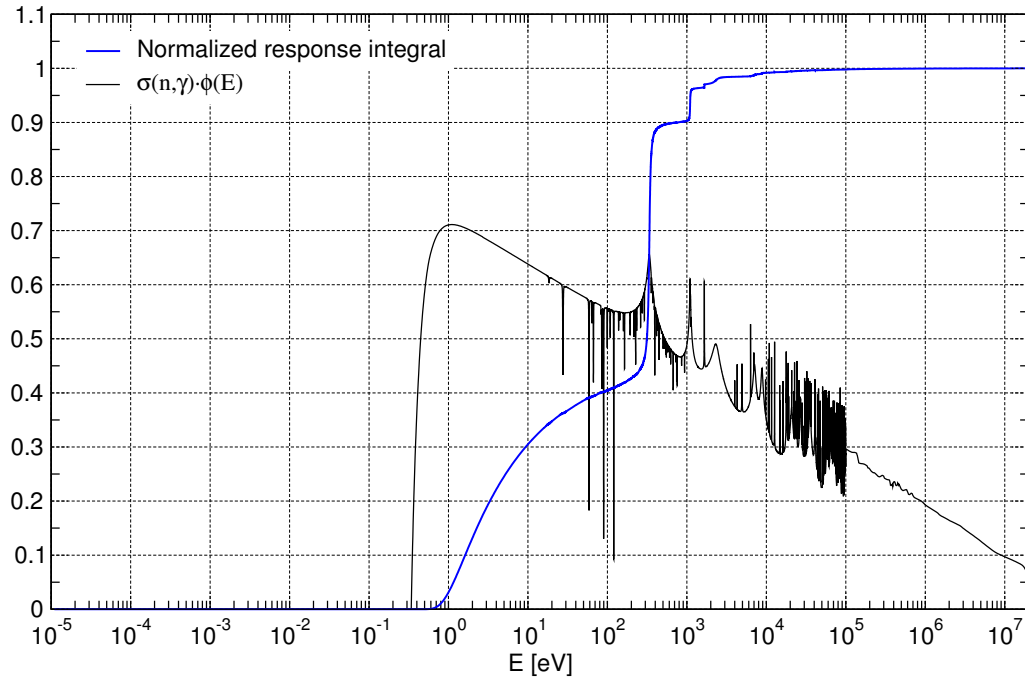


Figure 8: ^{55}Mn response function for the (n, γ) reaction, under a 1 mm thick Cd filter.

^{45}Sc

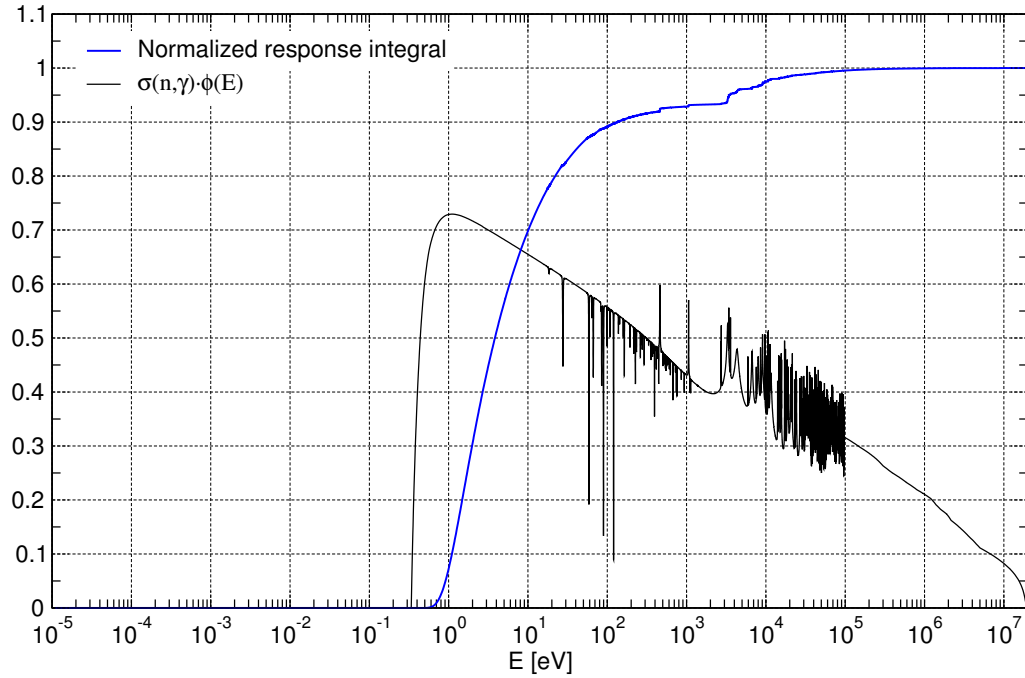


Figure 9: ^{45}Sc response function for the (n, γ) reaction, under a 1 mm thick Cd filter.

^{94}Zr

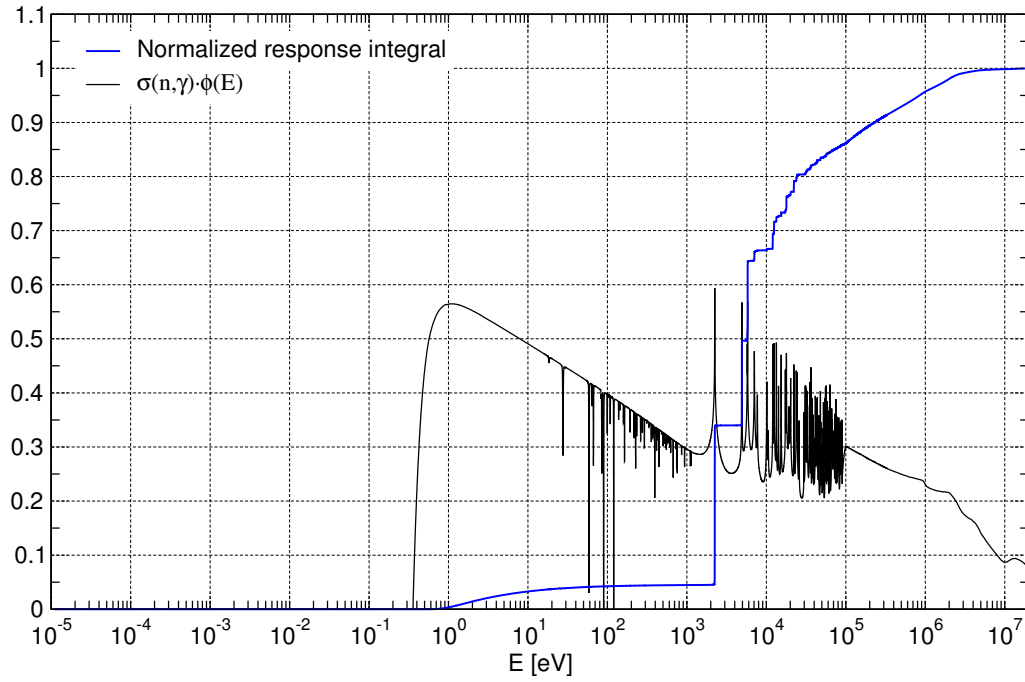


Figure 10: ^{94}Zr , ^{96}Zr response function for the (n,γ) reaction, under a 1 mm thick Cd filter.

^{96}Zr

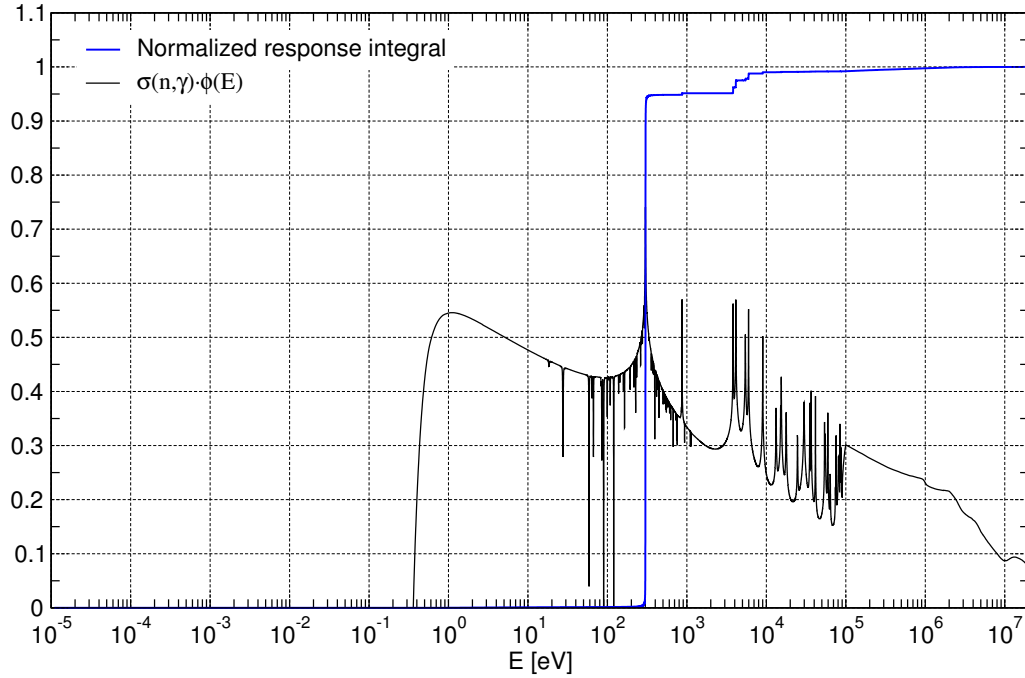


Figure 11: ^{94}Zr , ^{96}Zr response function for the (n,γ) reaction, under a 1 mm thick Cd filter.

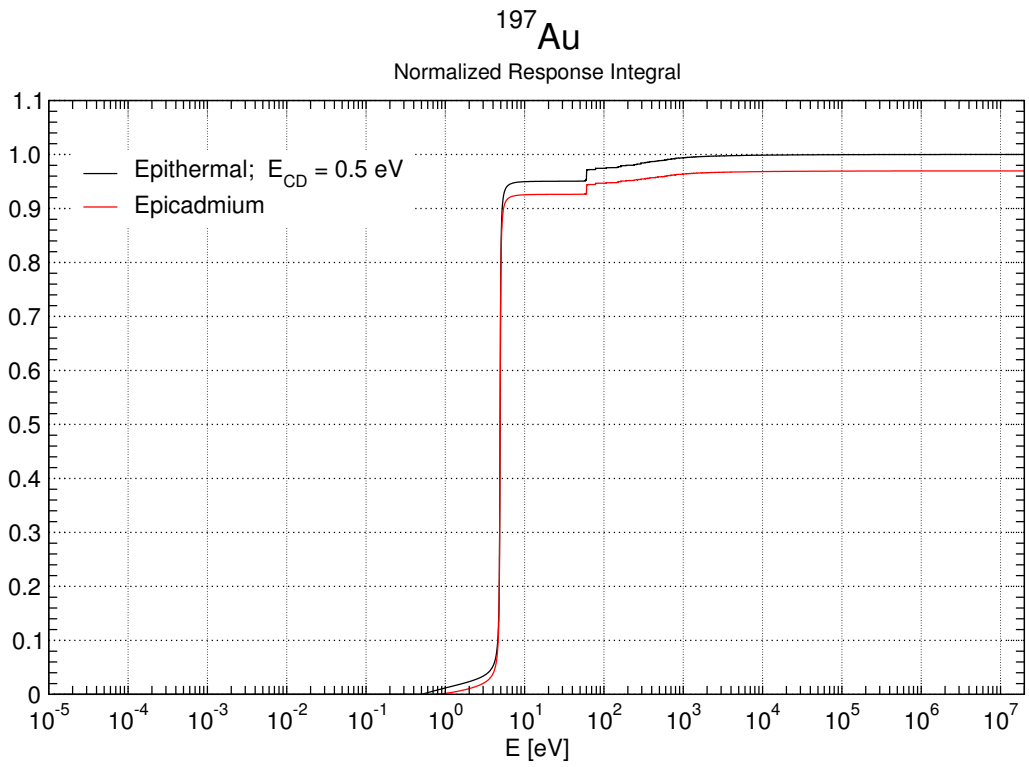


Figure 12: ¹⁹⁷Au response function integrals.

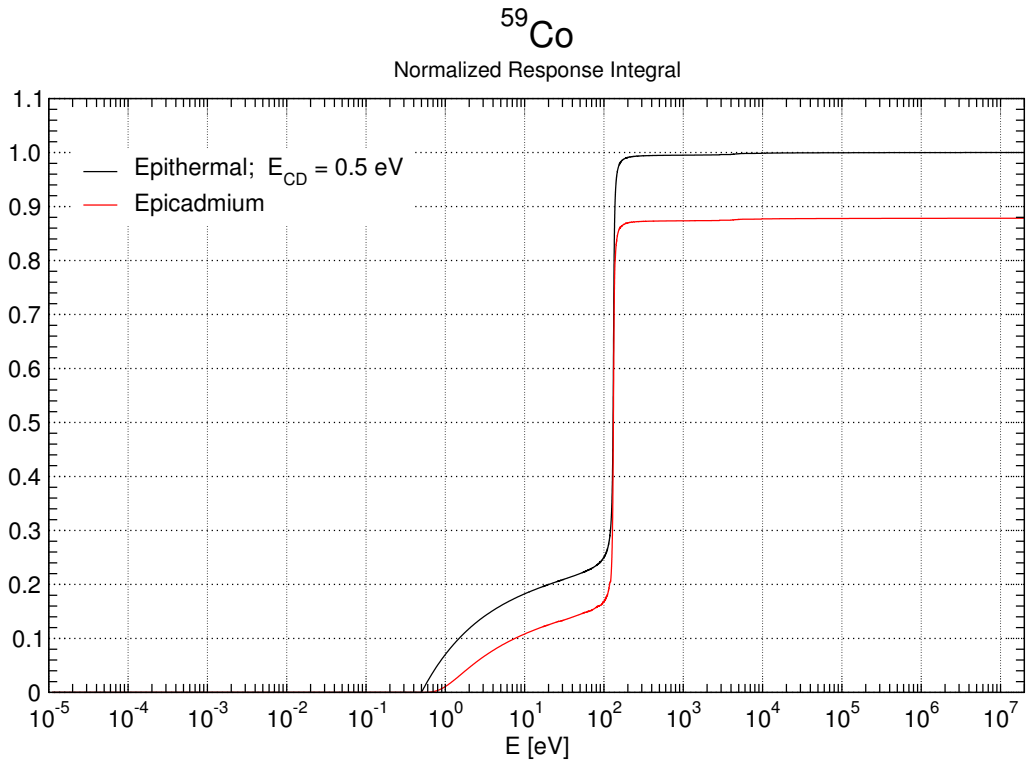


Figure 13: ⁵⁹Co response function integrals.

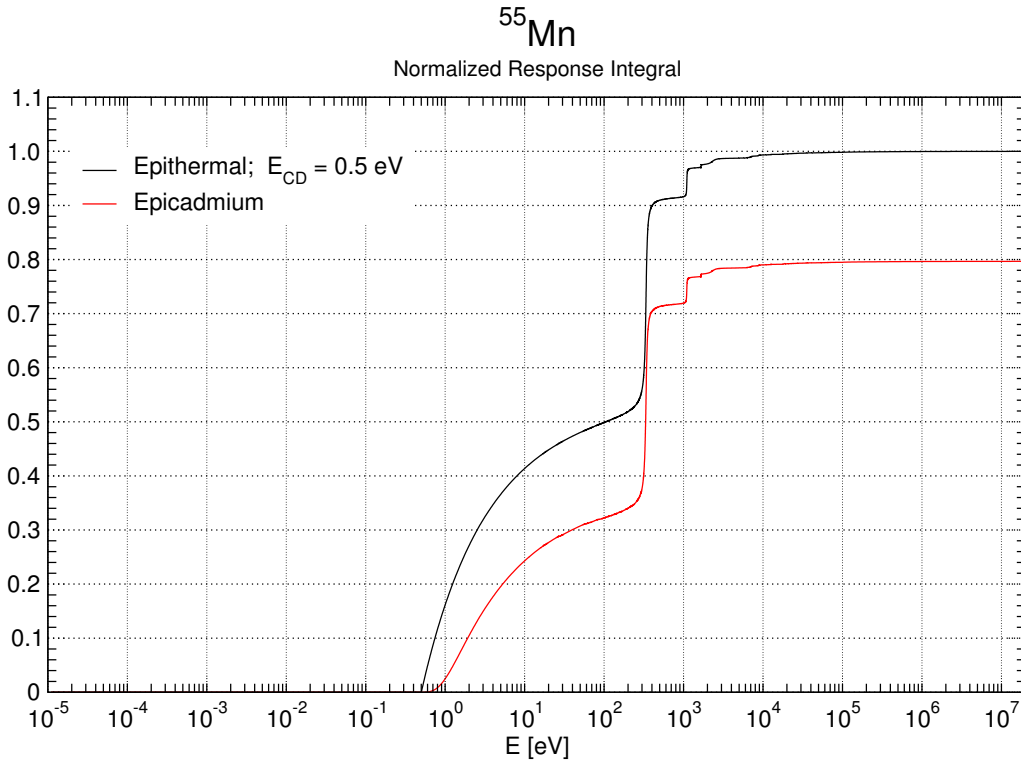


Figure 14: ⁵⁵Mn response function integrals.

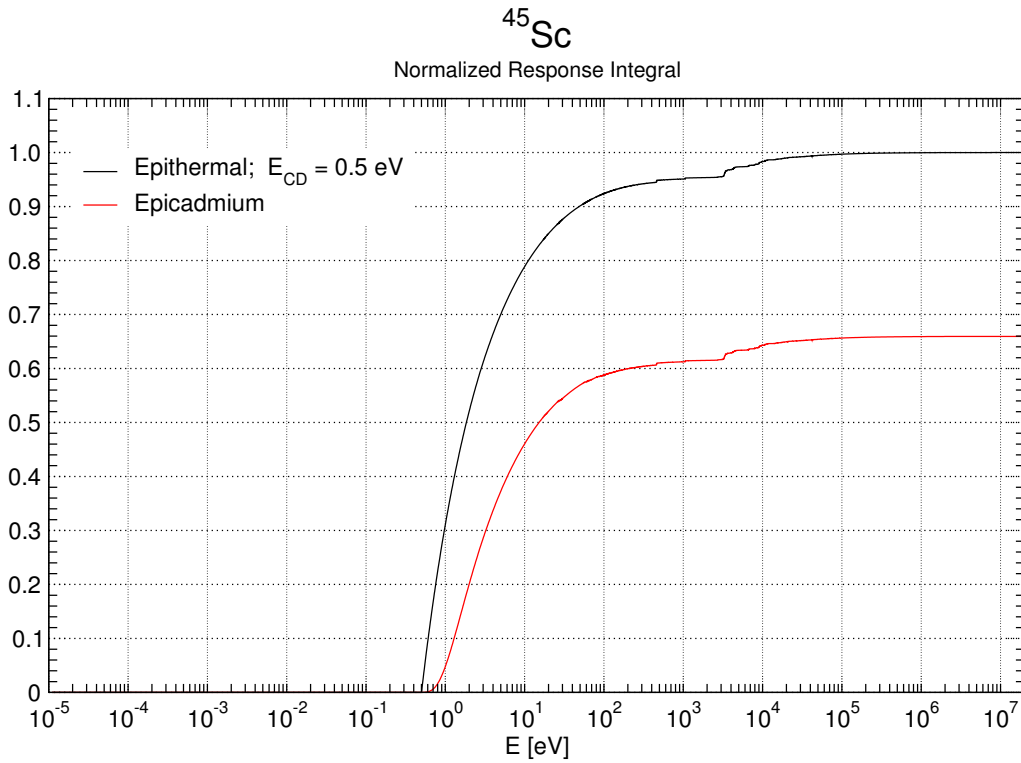


Figure 15: ⁴⁵Sc response function integrals.

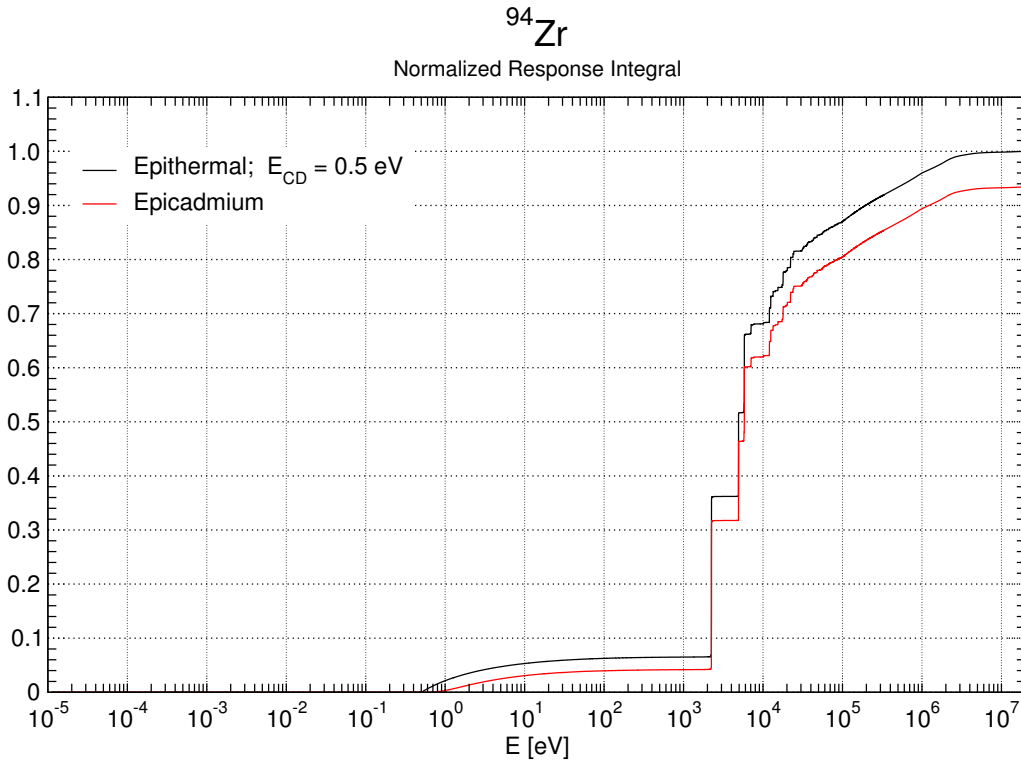


Figure 16: ^{94}Zr , ^{96}Zr response function integrals.

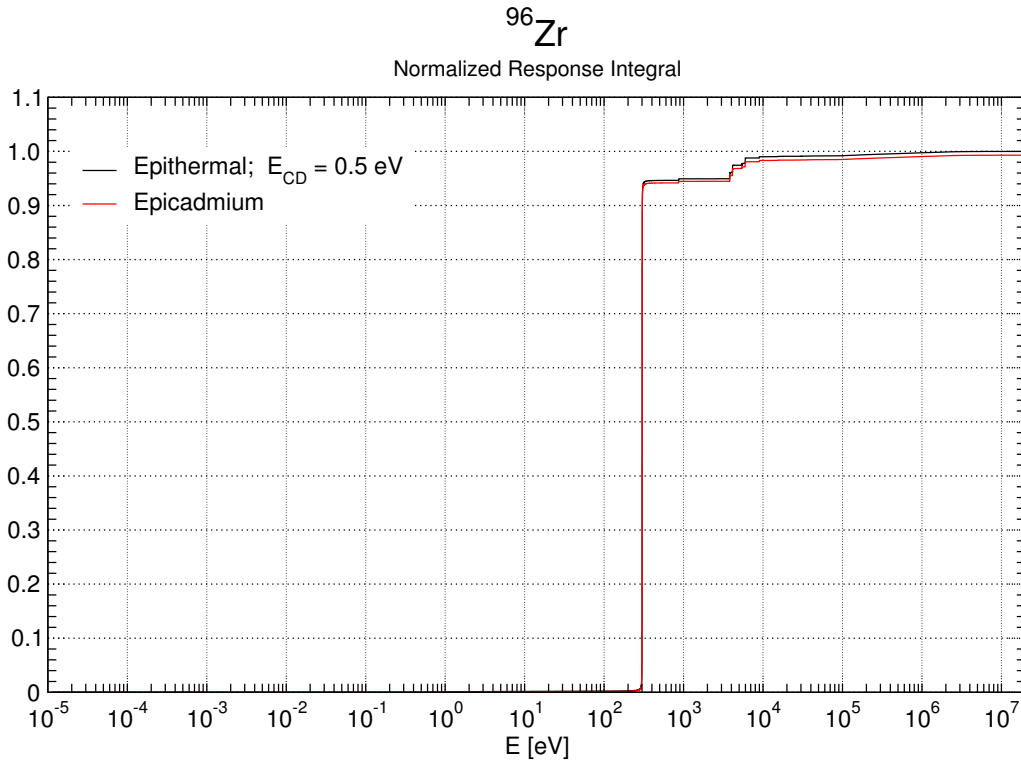


Figure 17: ^{94}Zr , ^{96}Zr response function integrals.