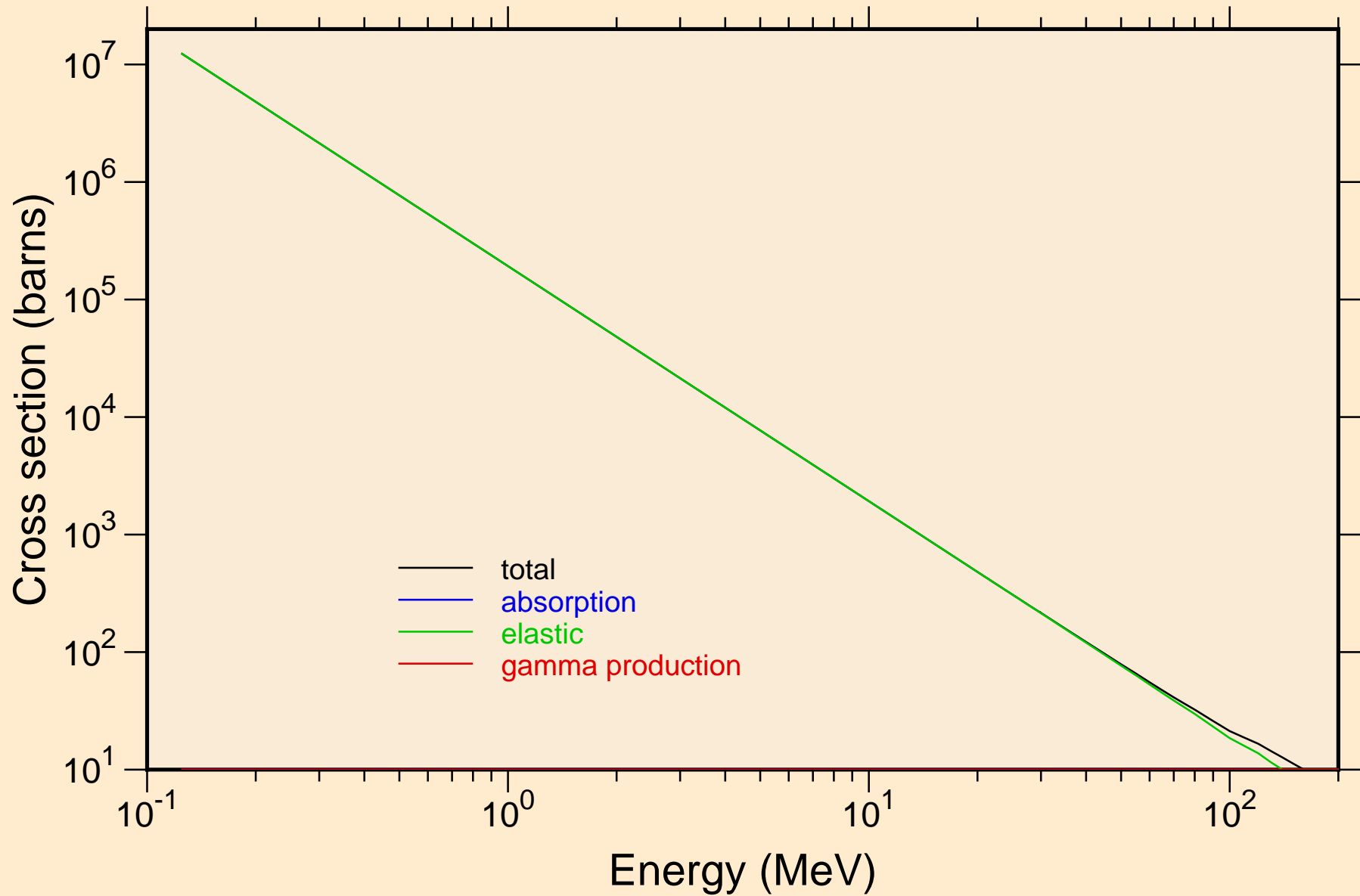
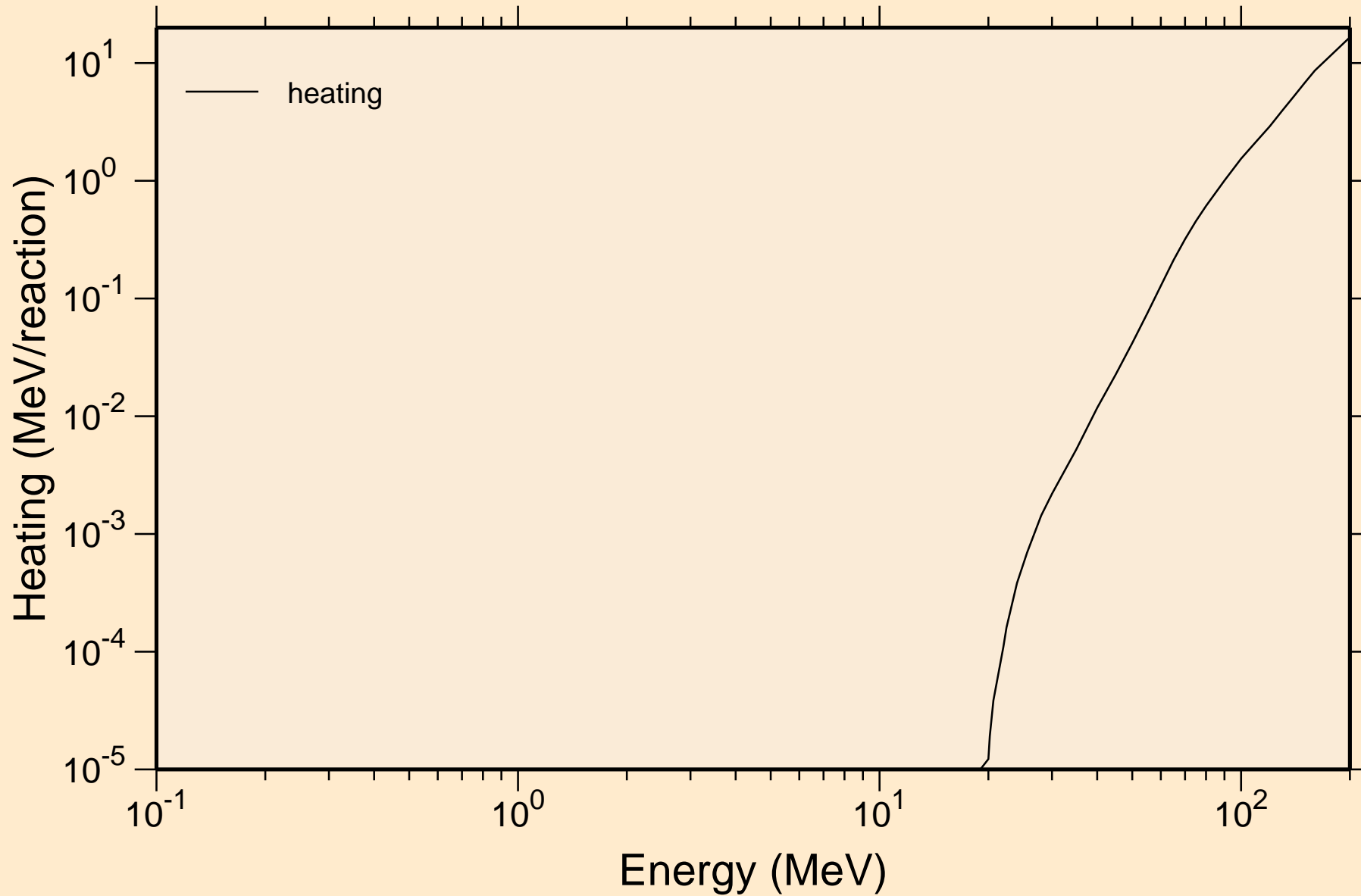


FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



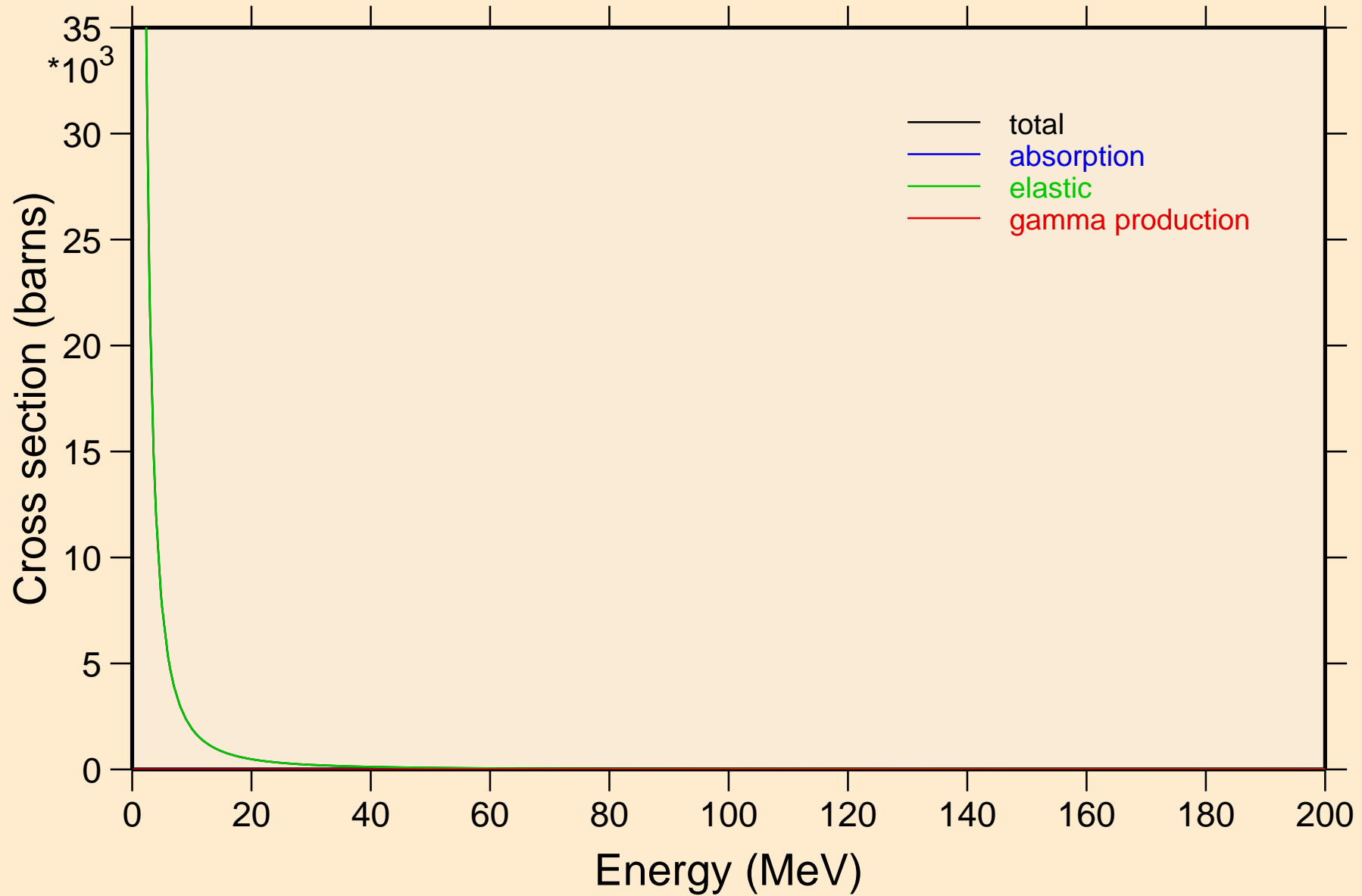
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



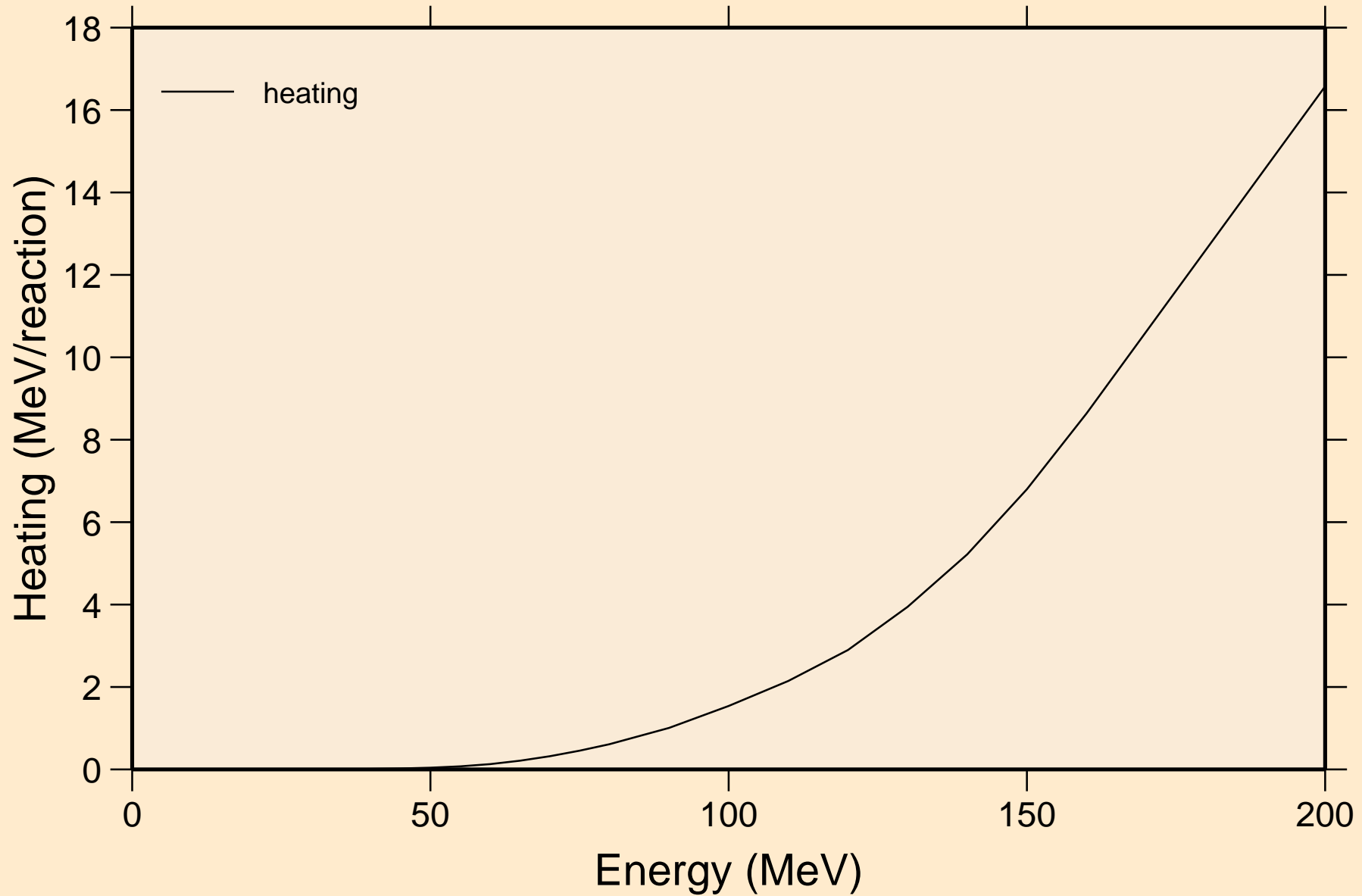
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## Principal cross sections

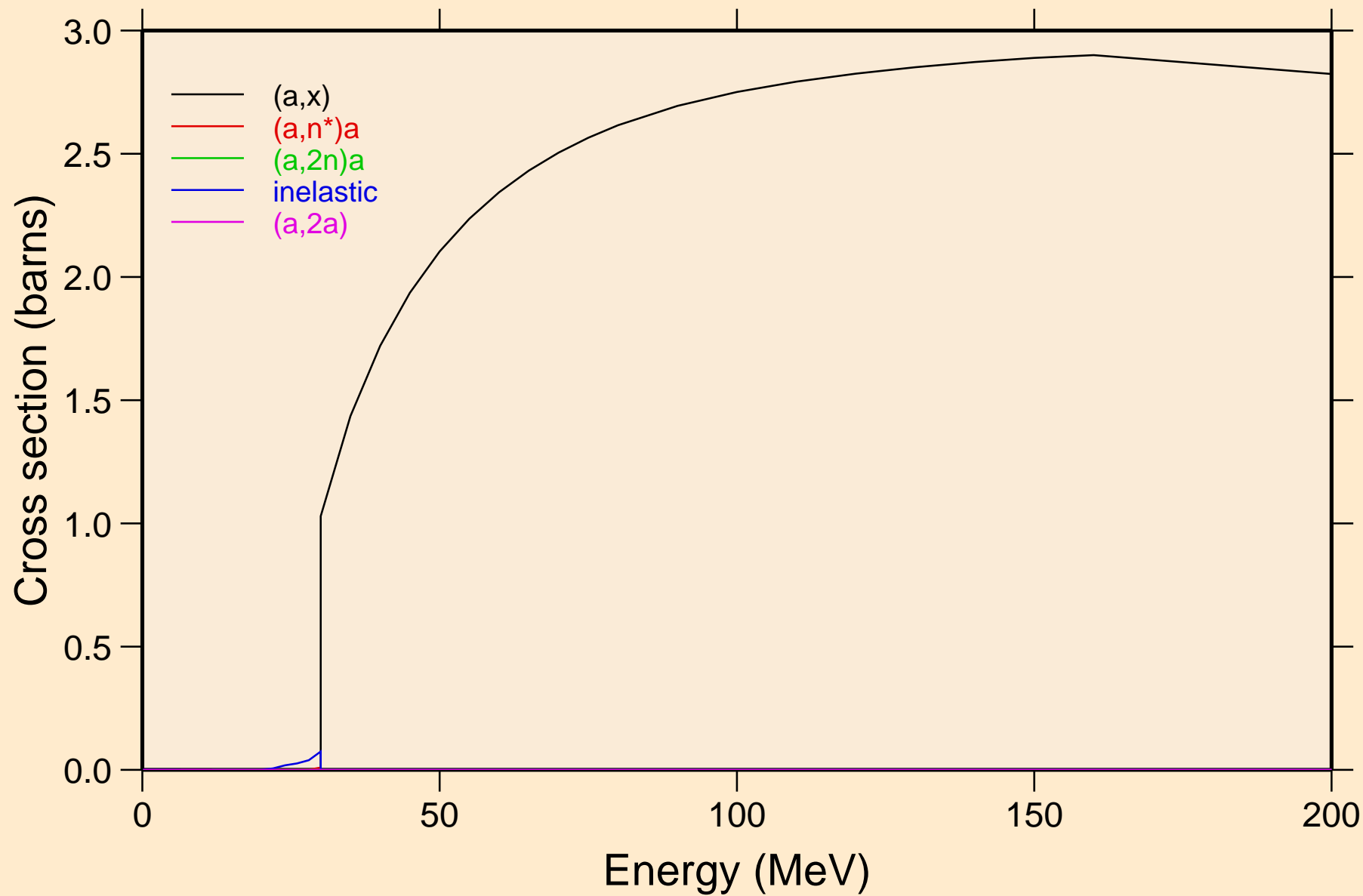


FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

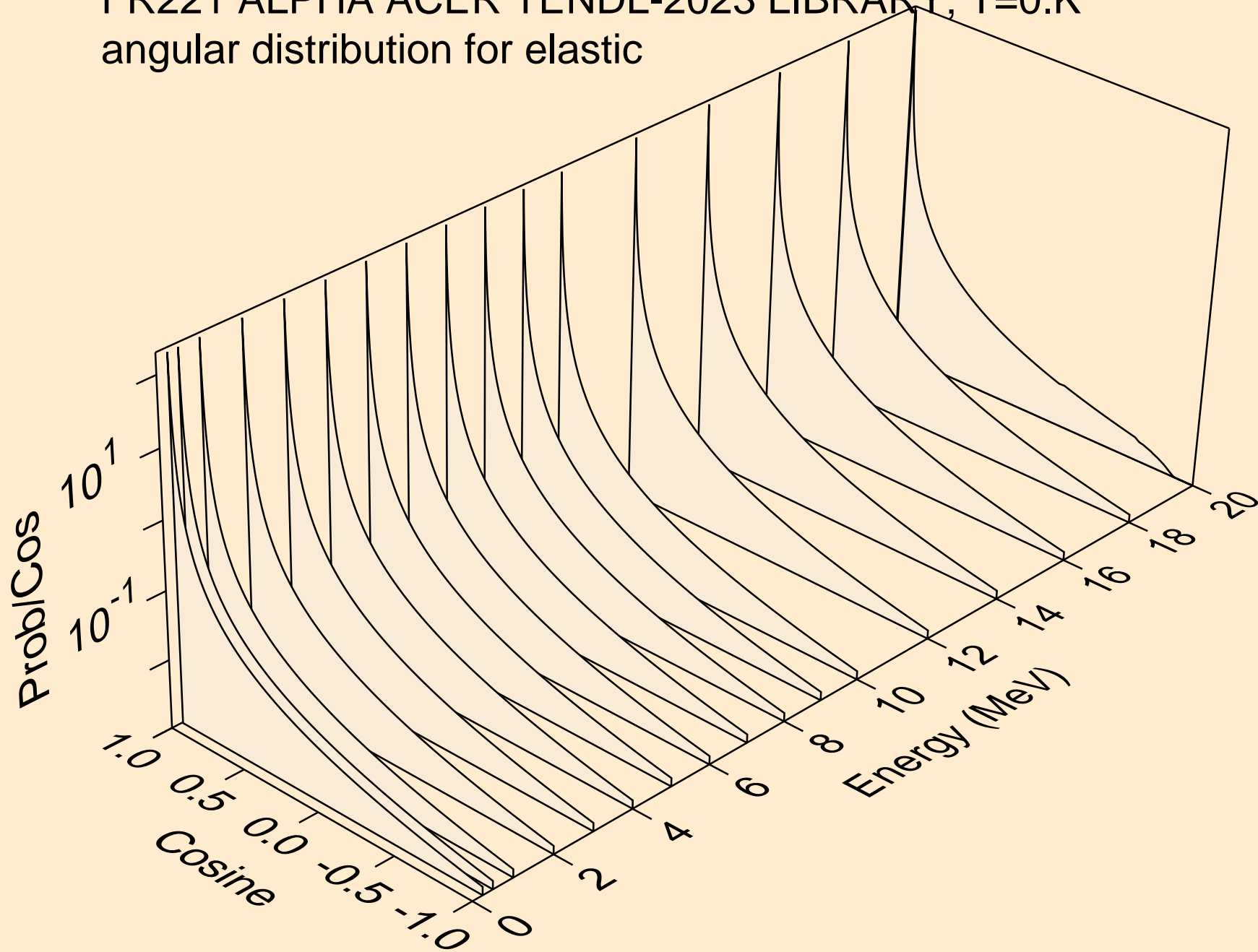
Heating



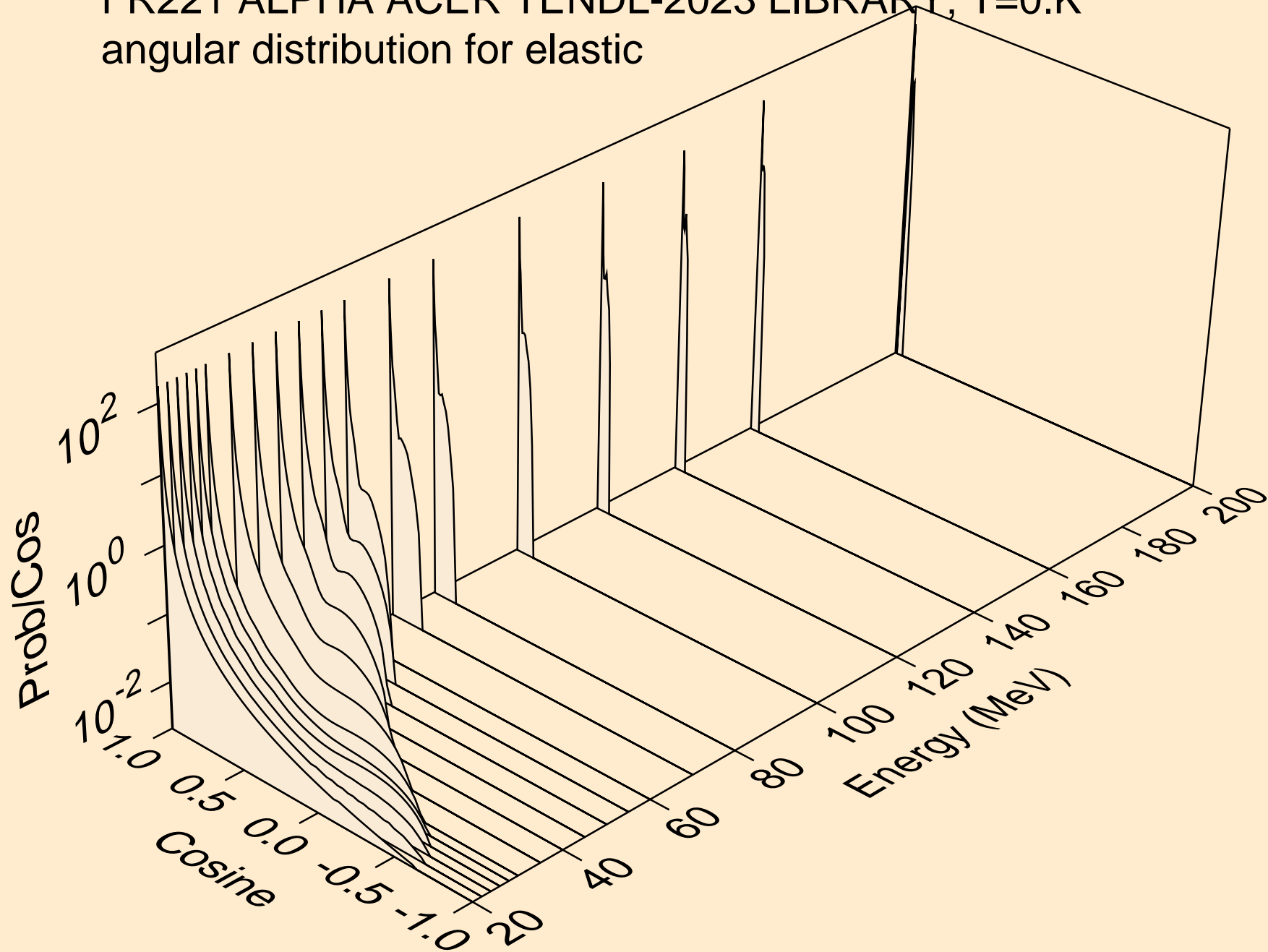
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

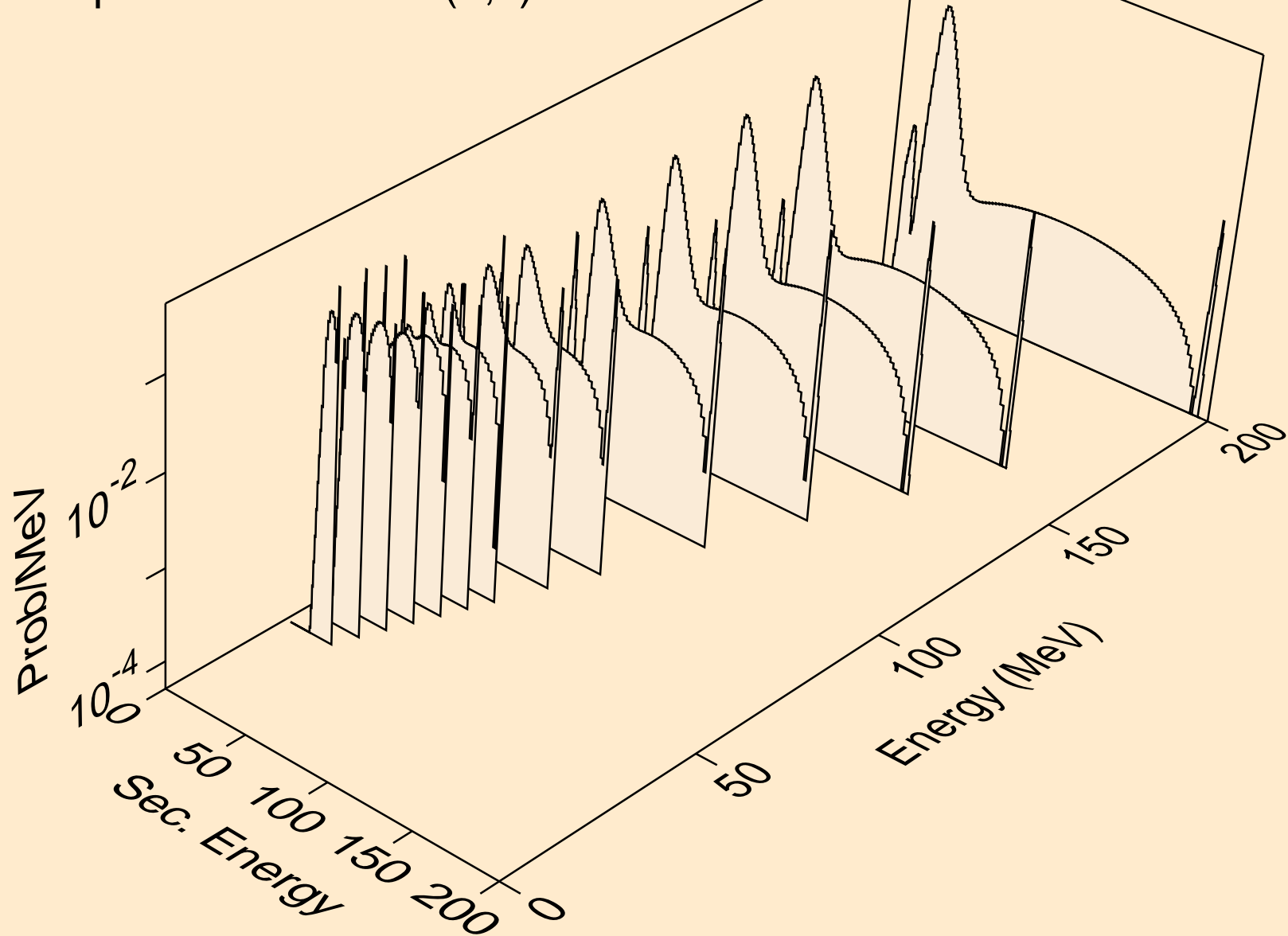


FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



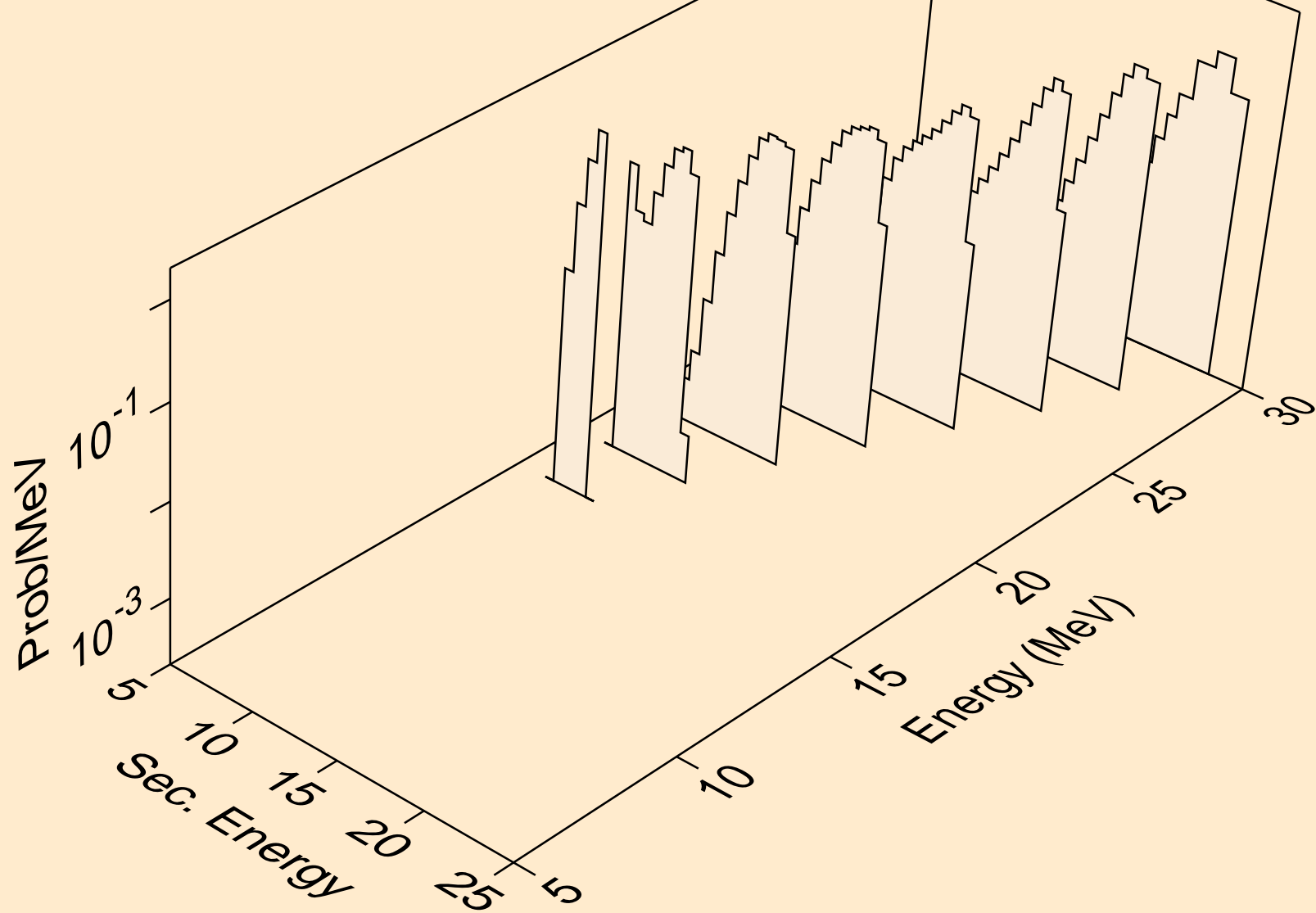
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)

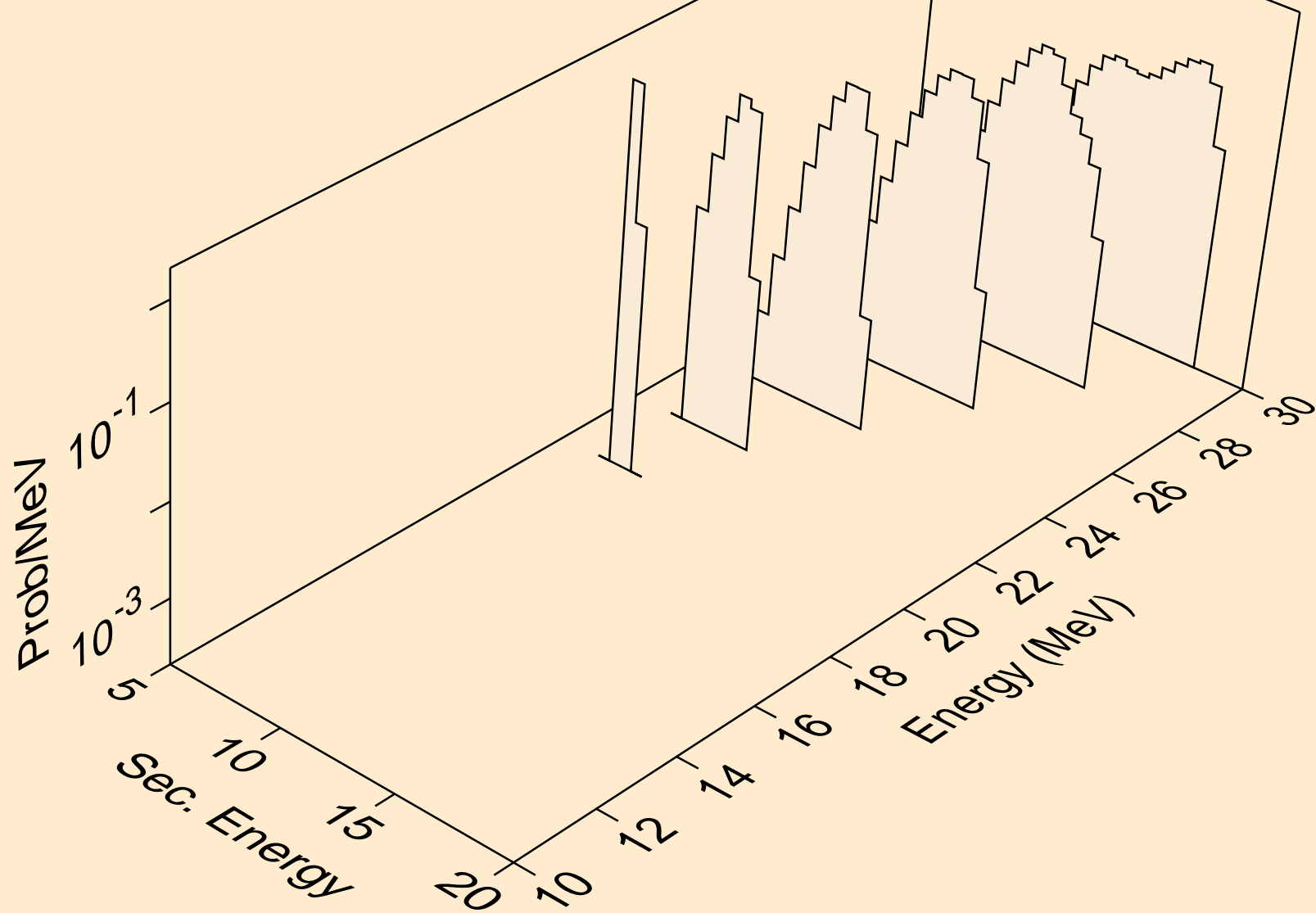




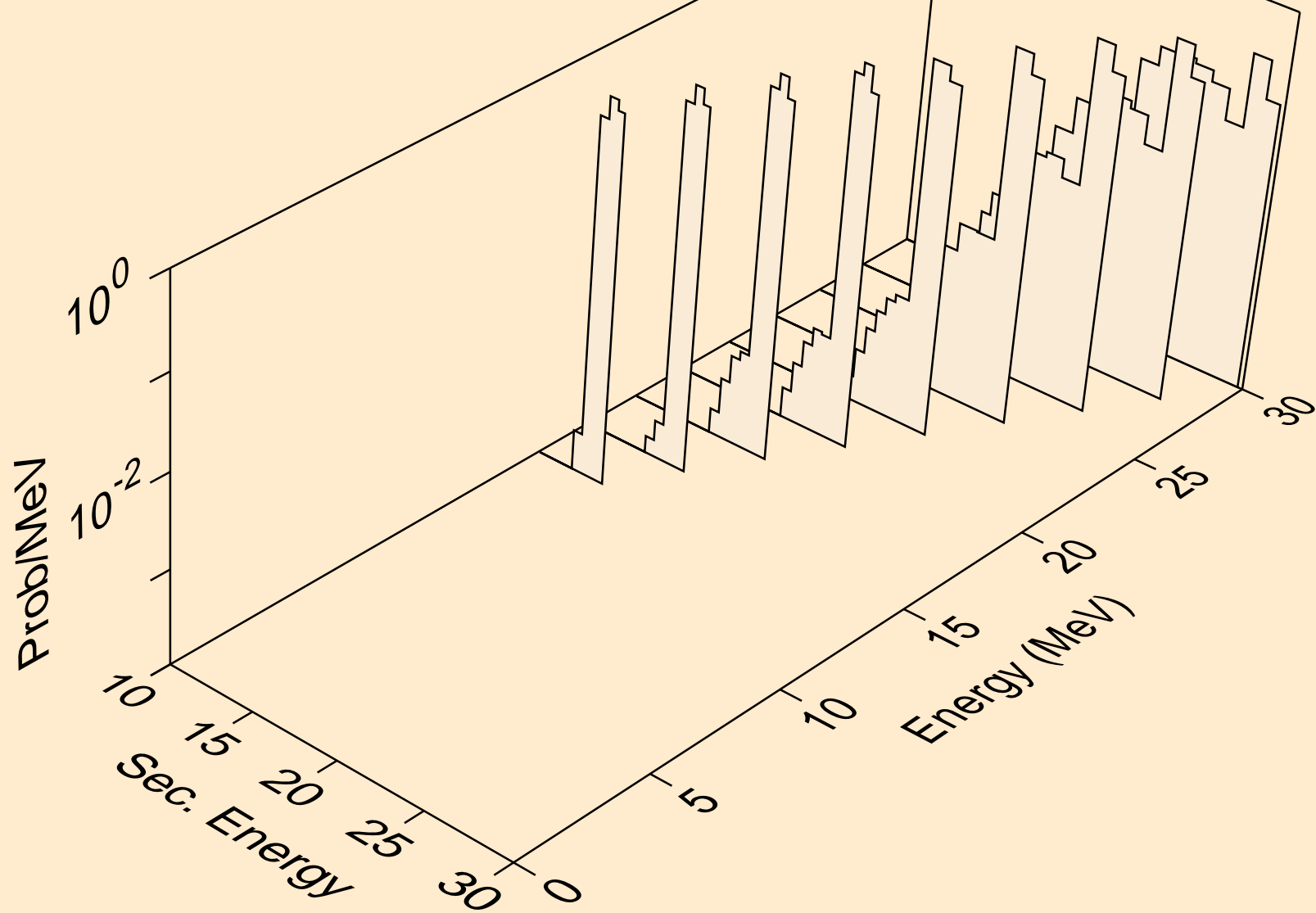
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



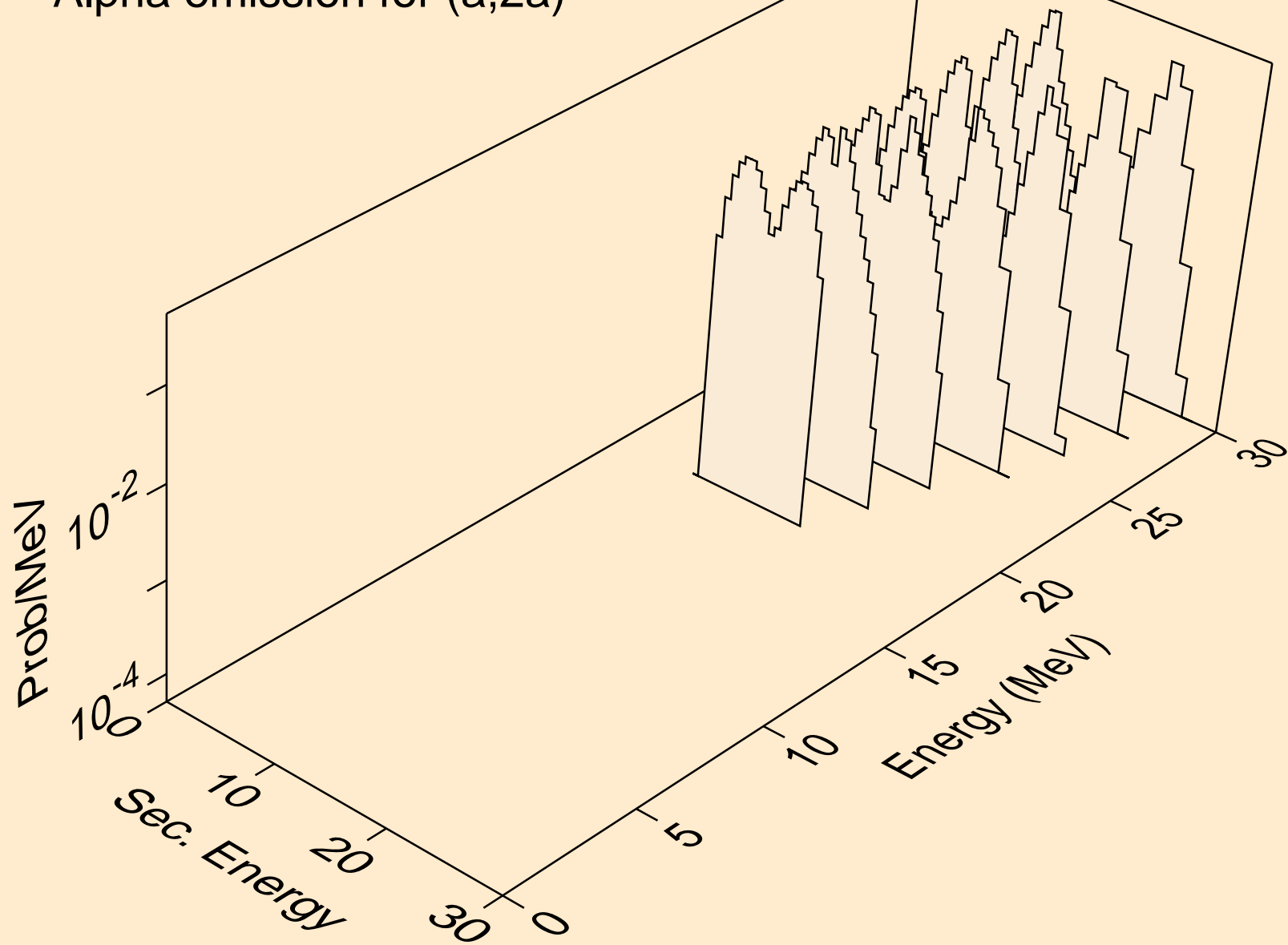
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



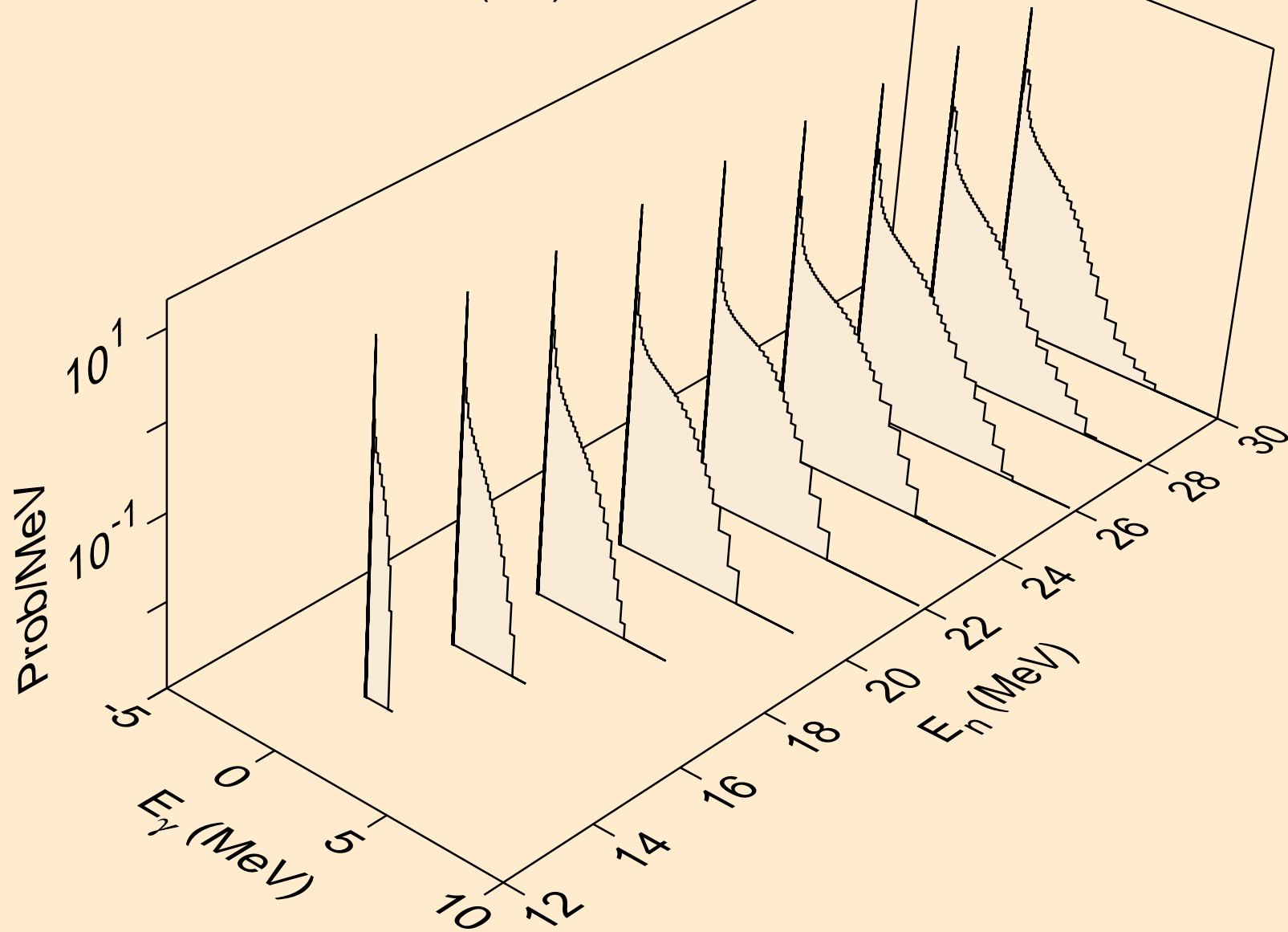
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



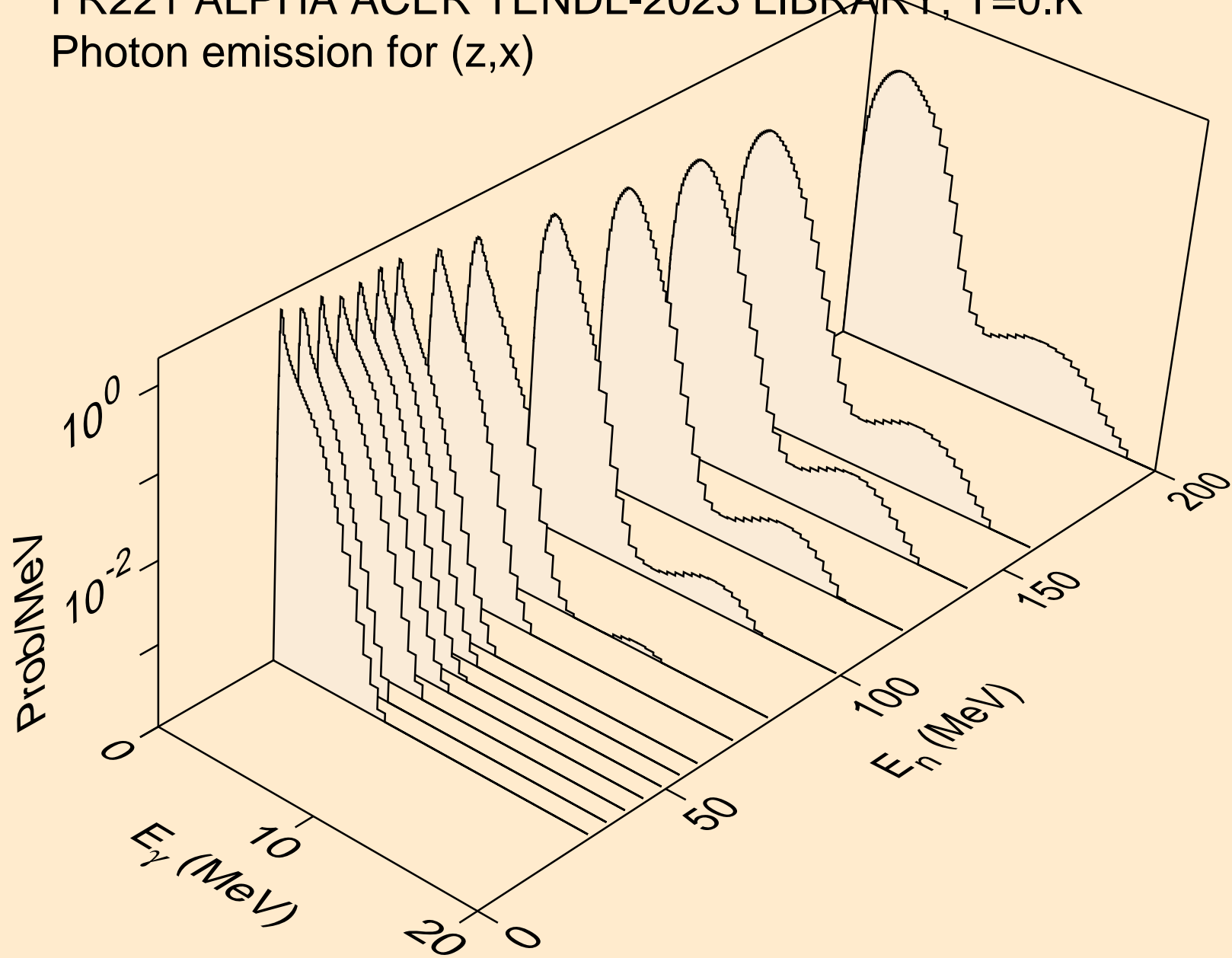
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



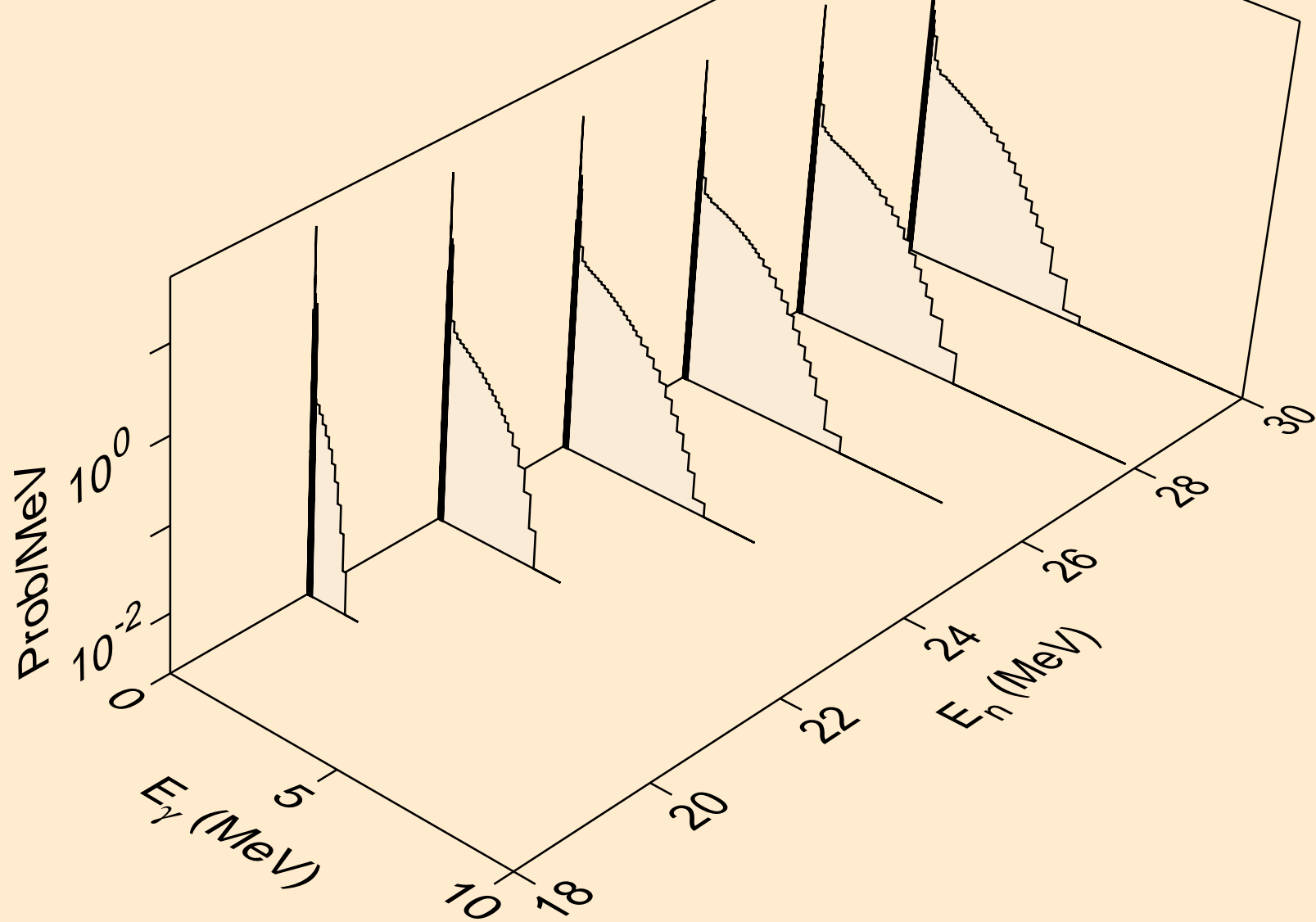
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



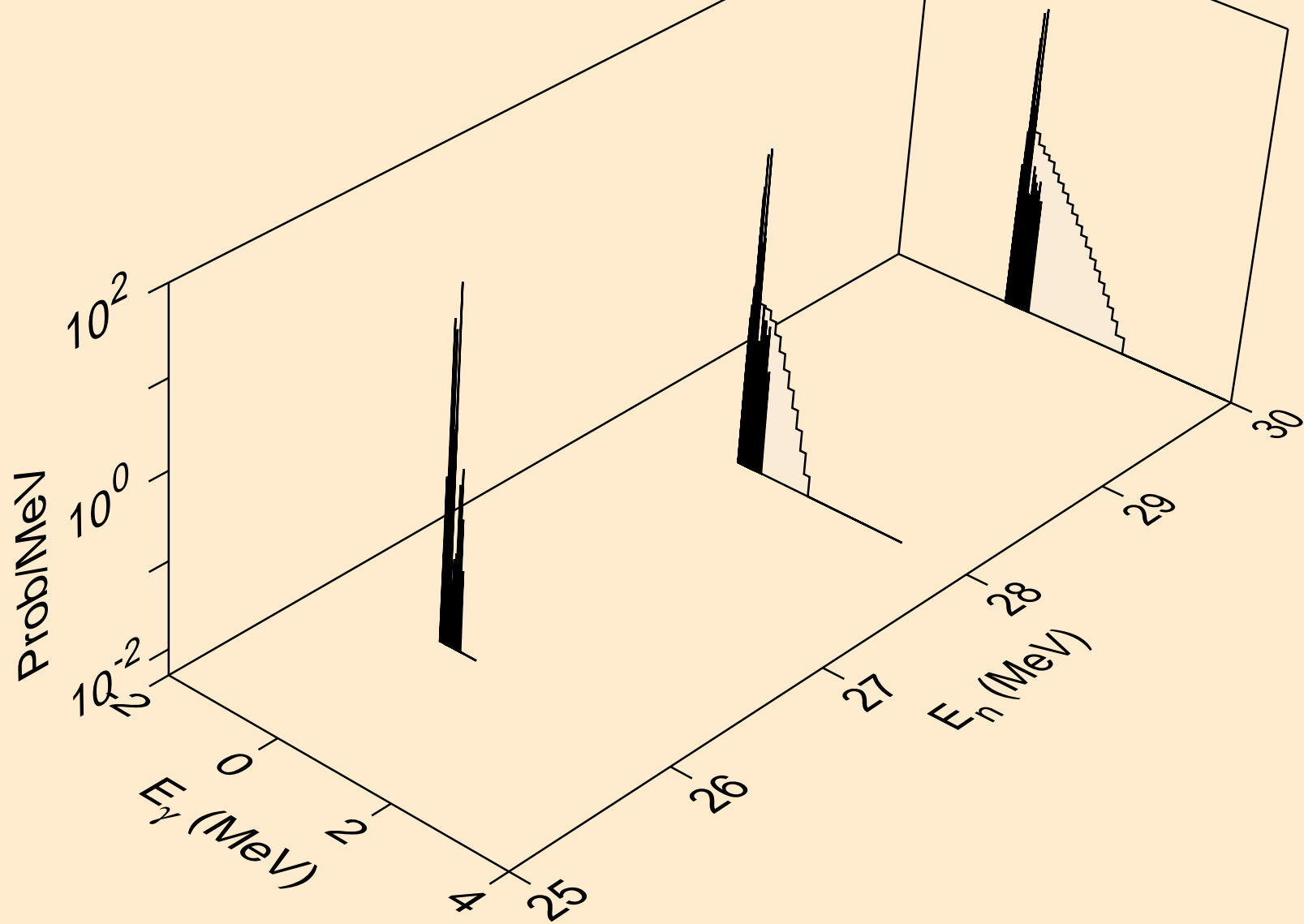
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

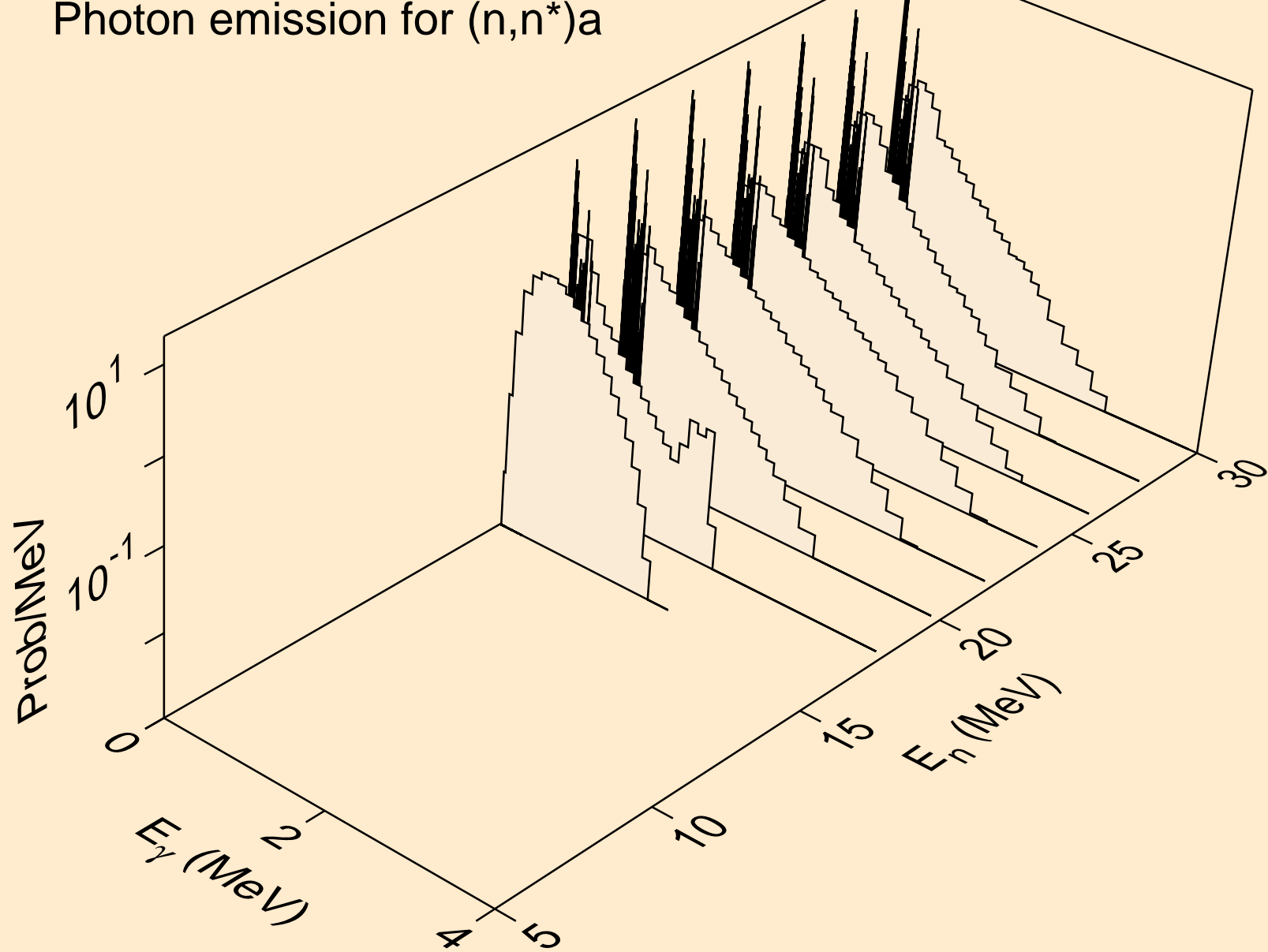


FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

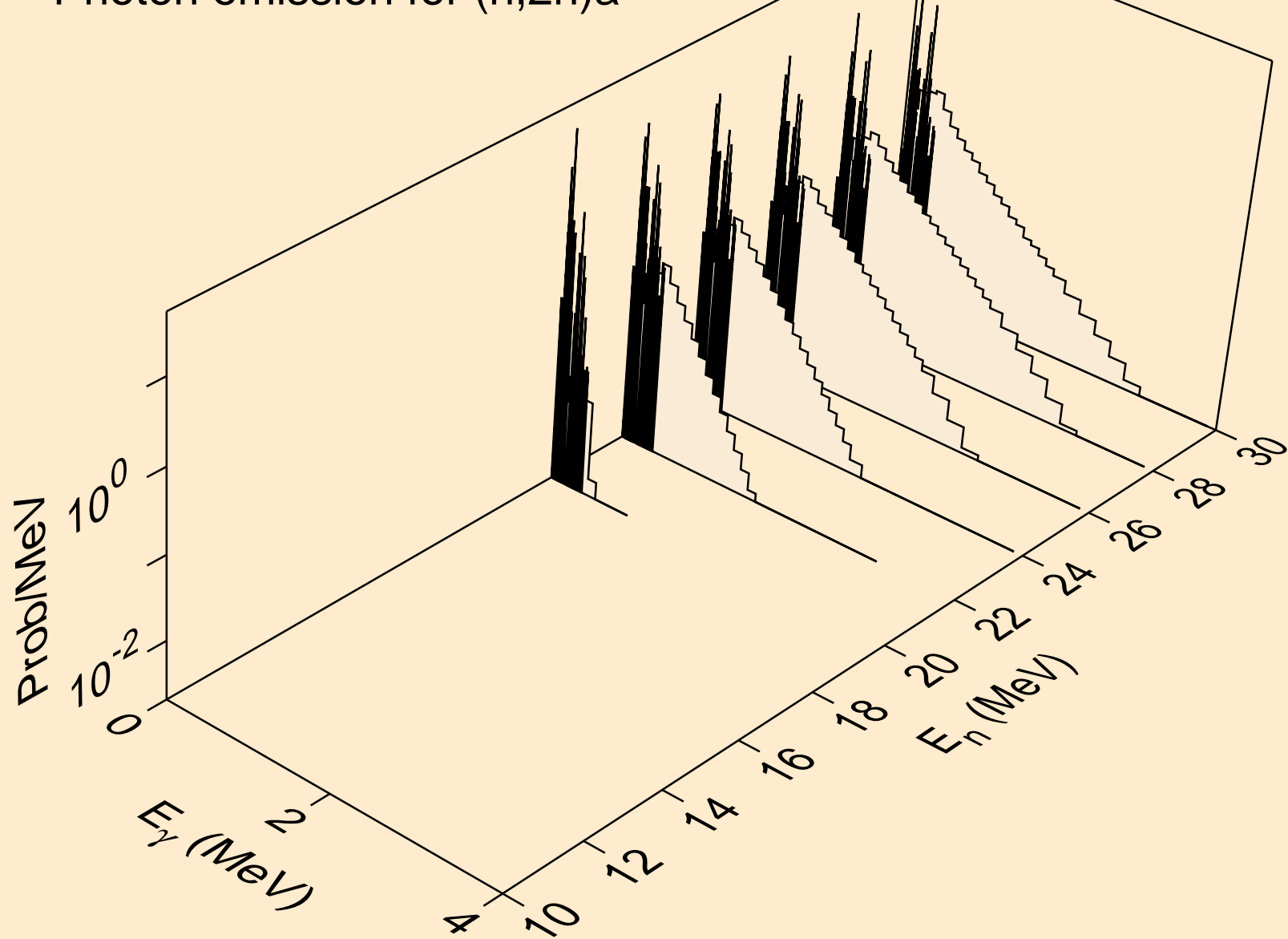




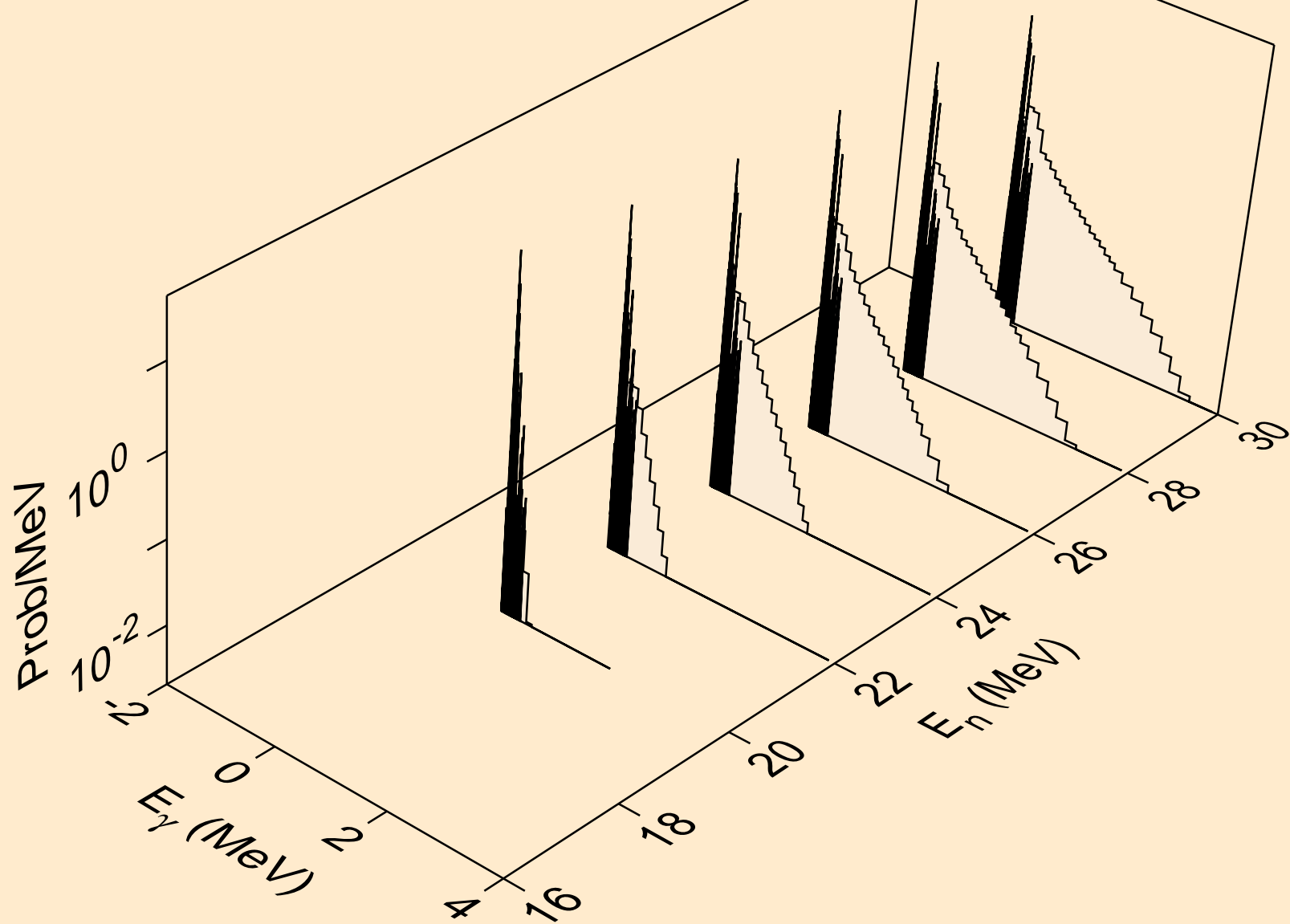
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



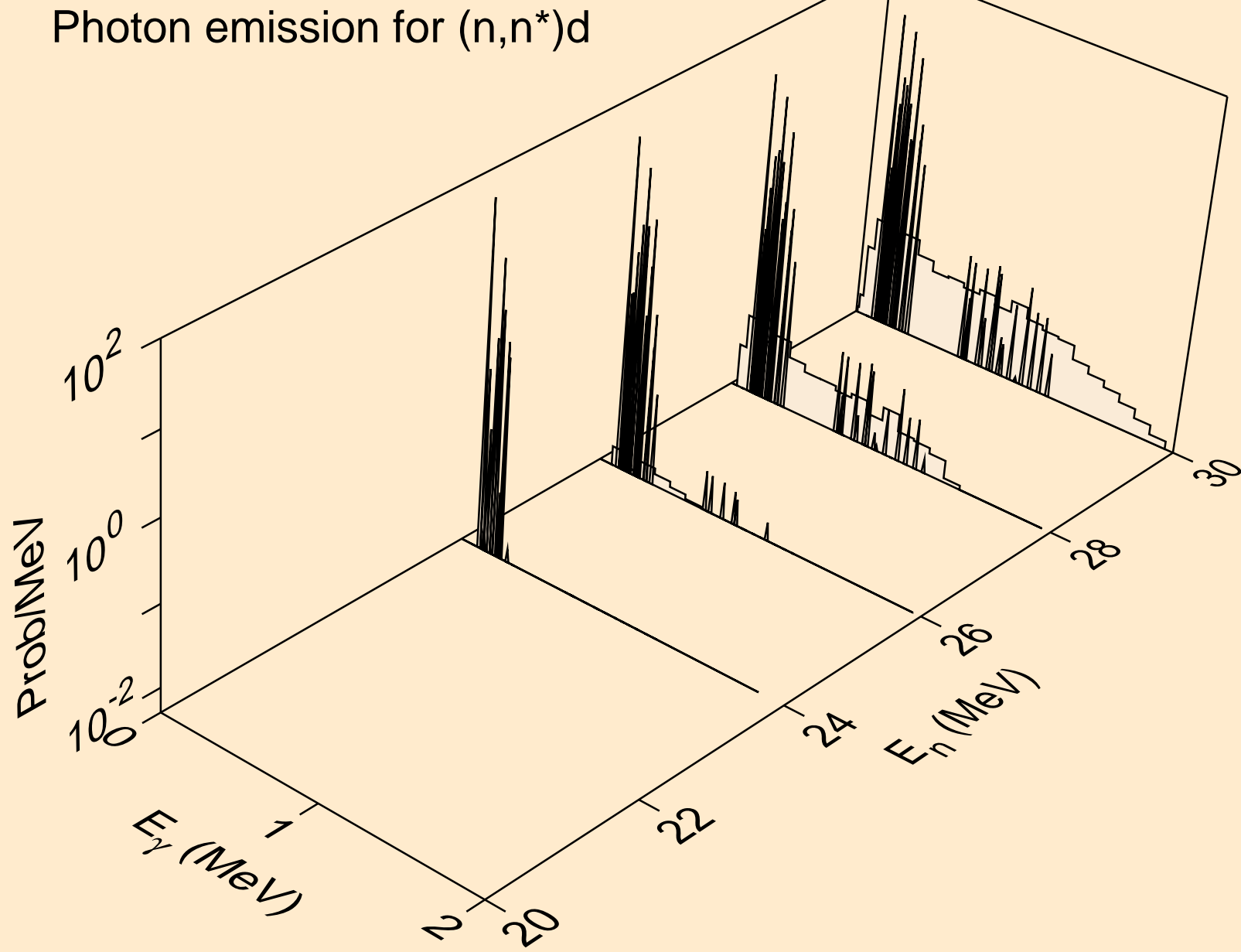
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



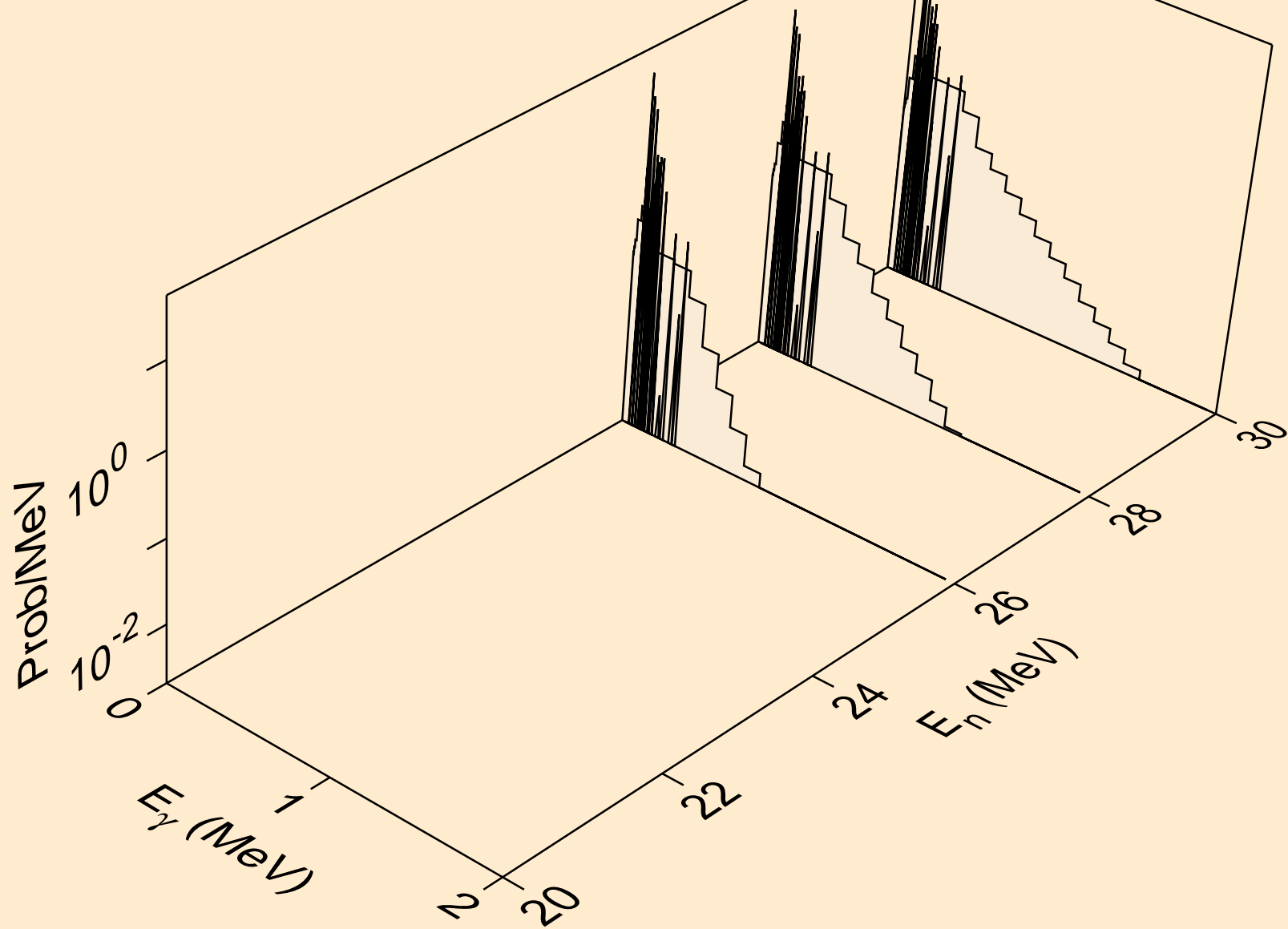
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



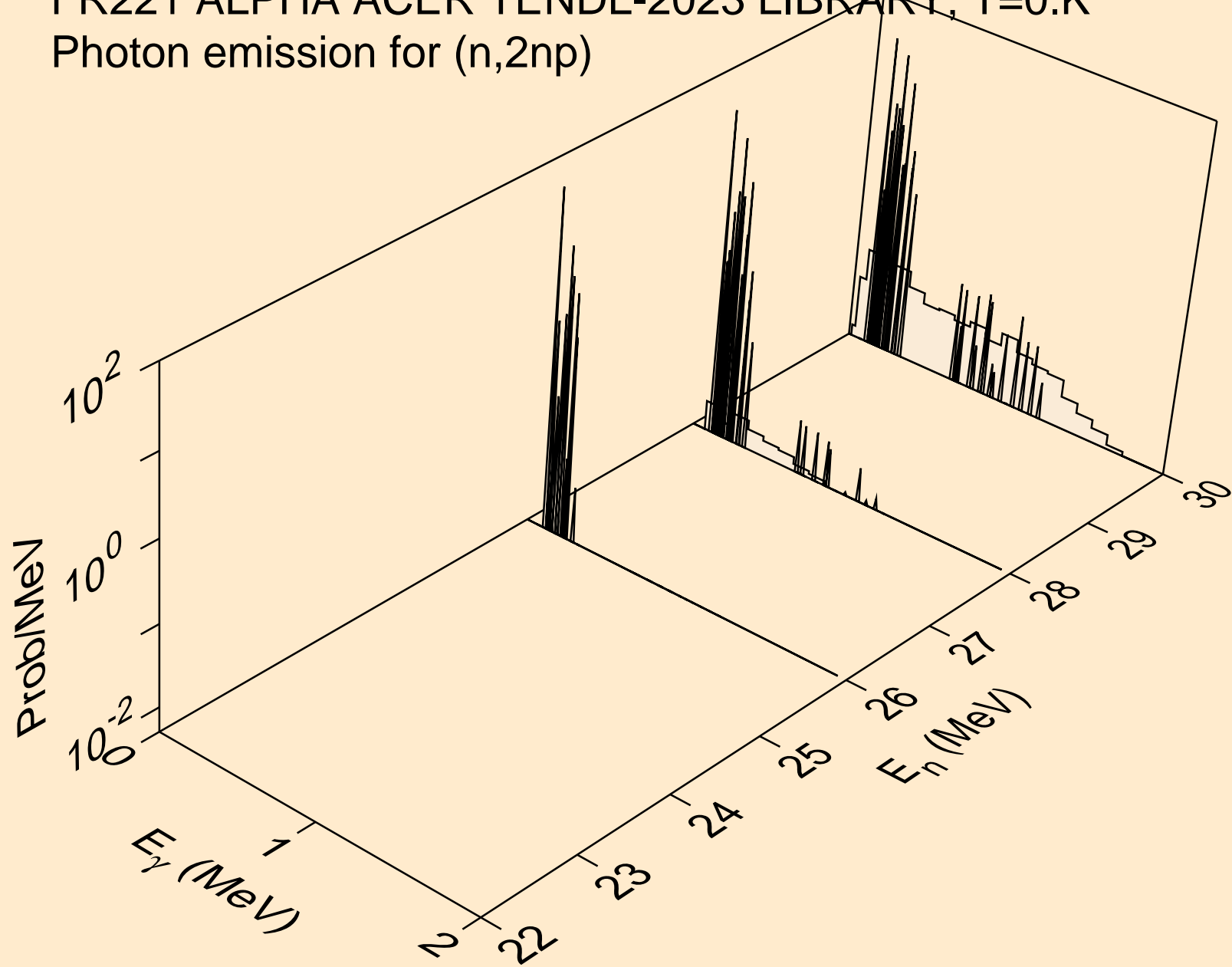
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



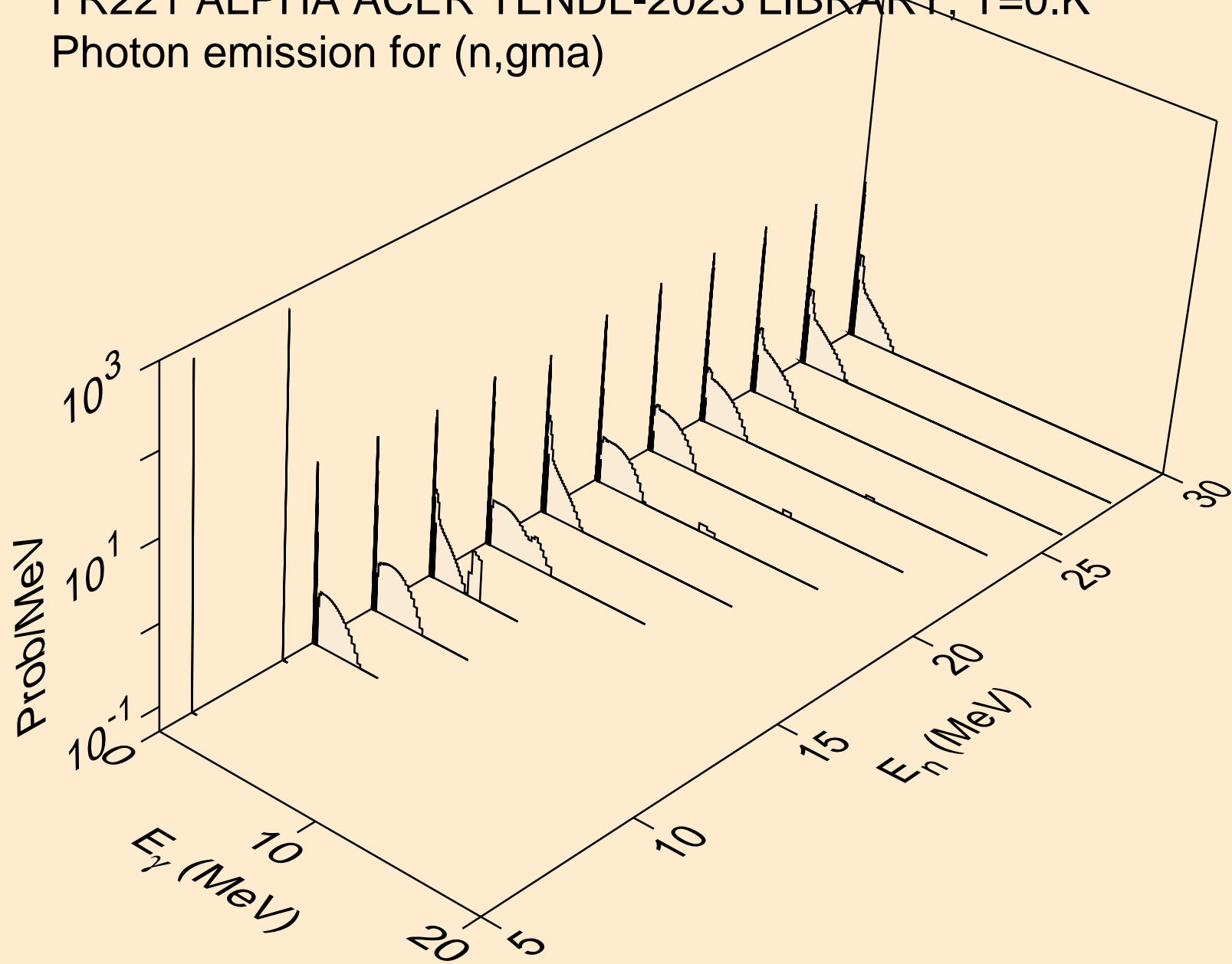
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



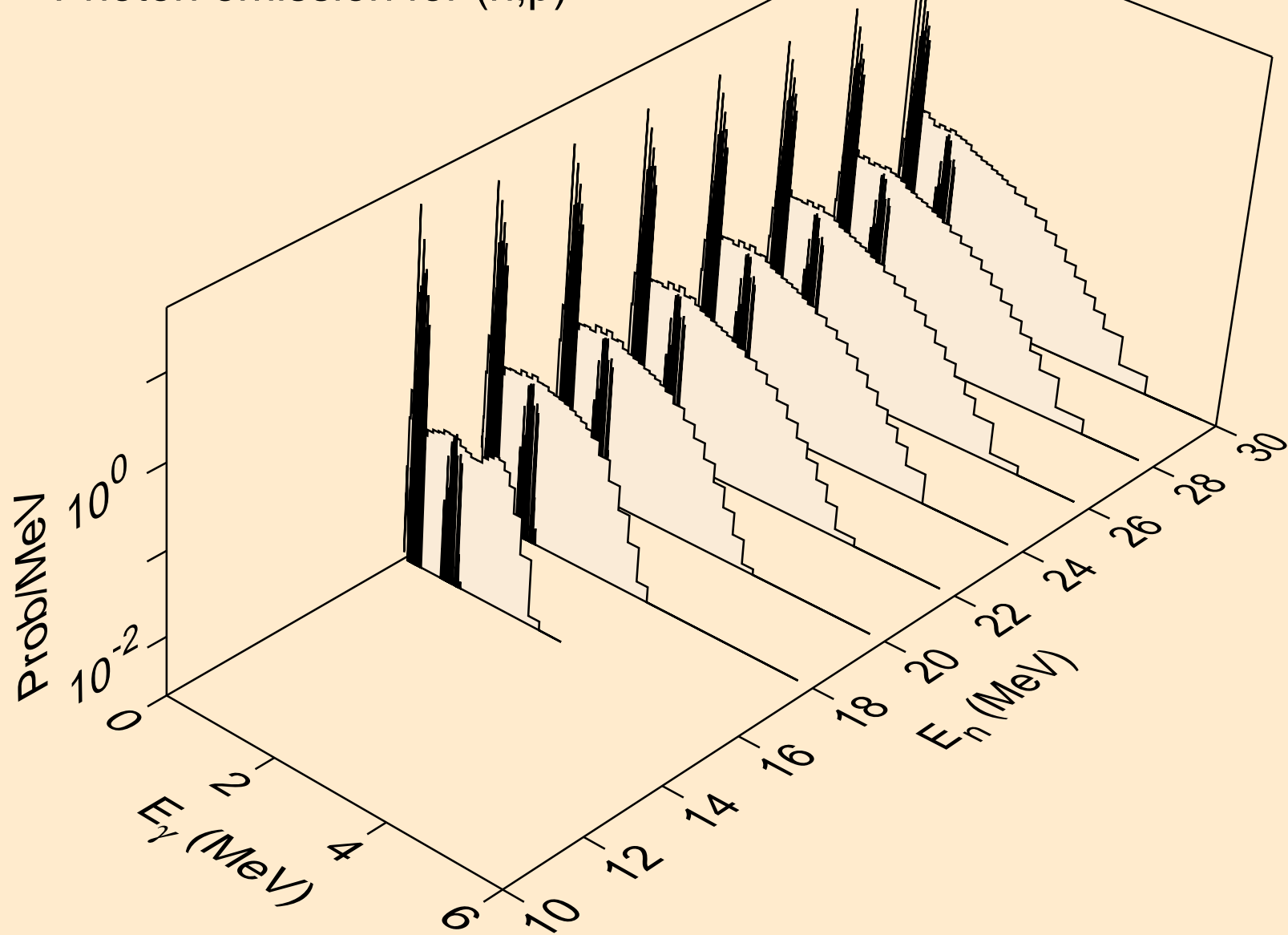
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

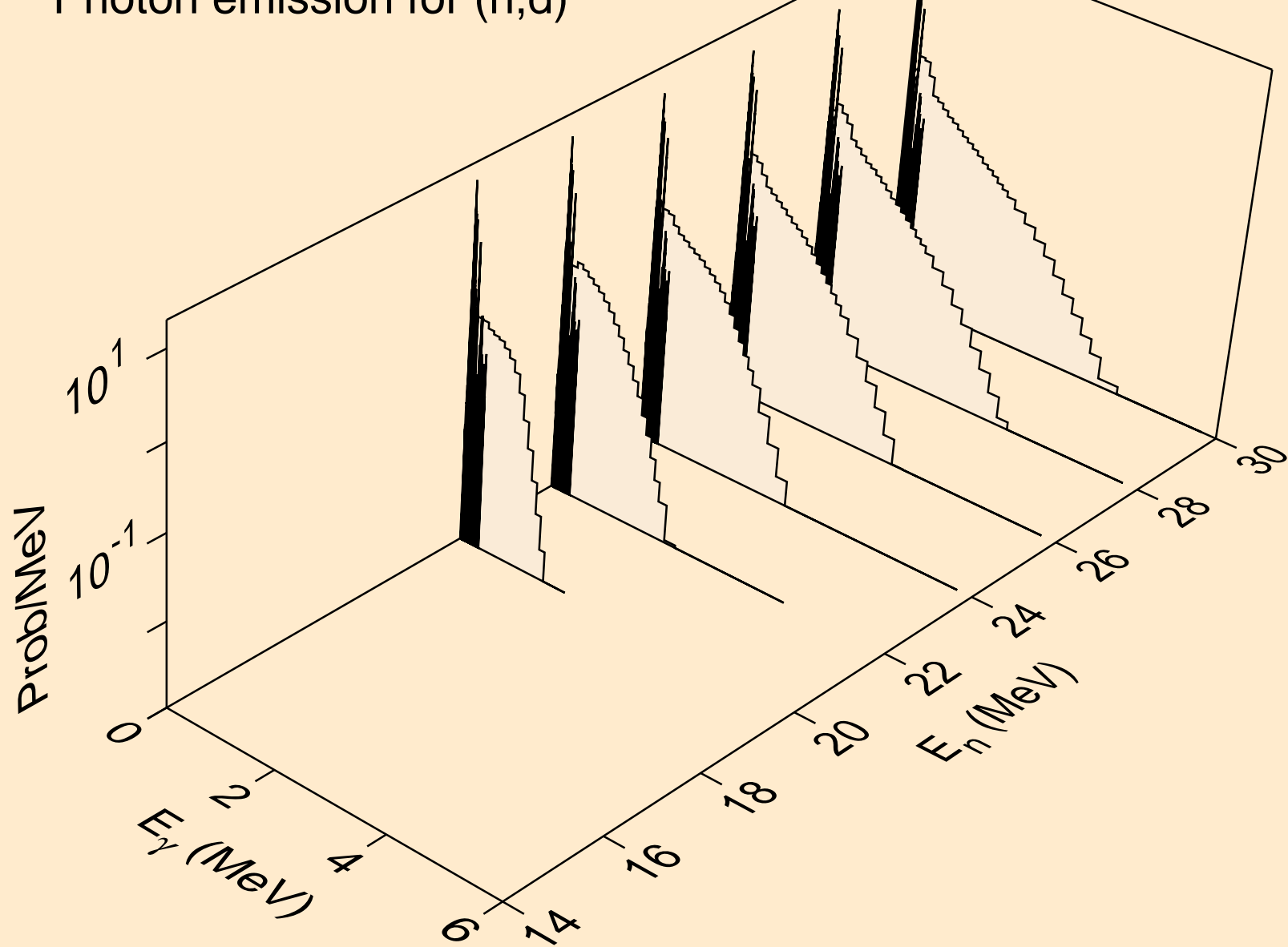


FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

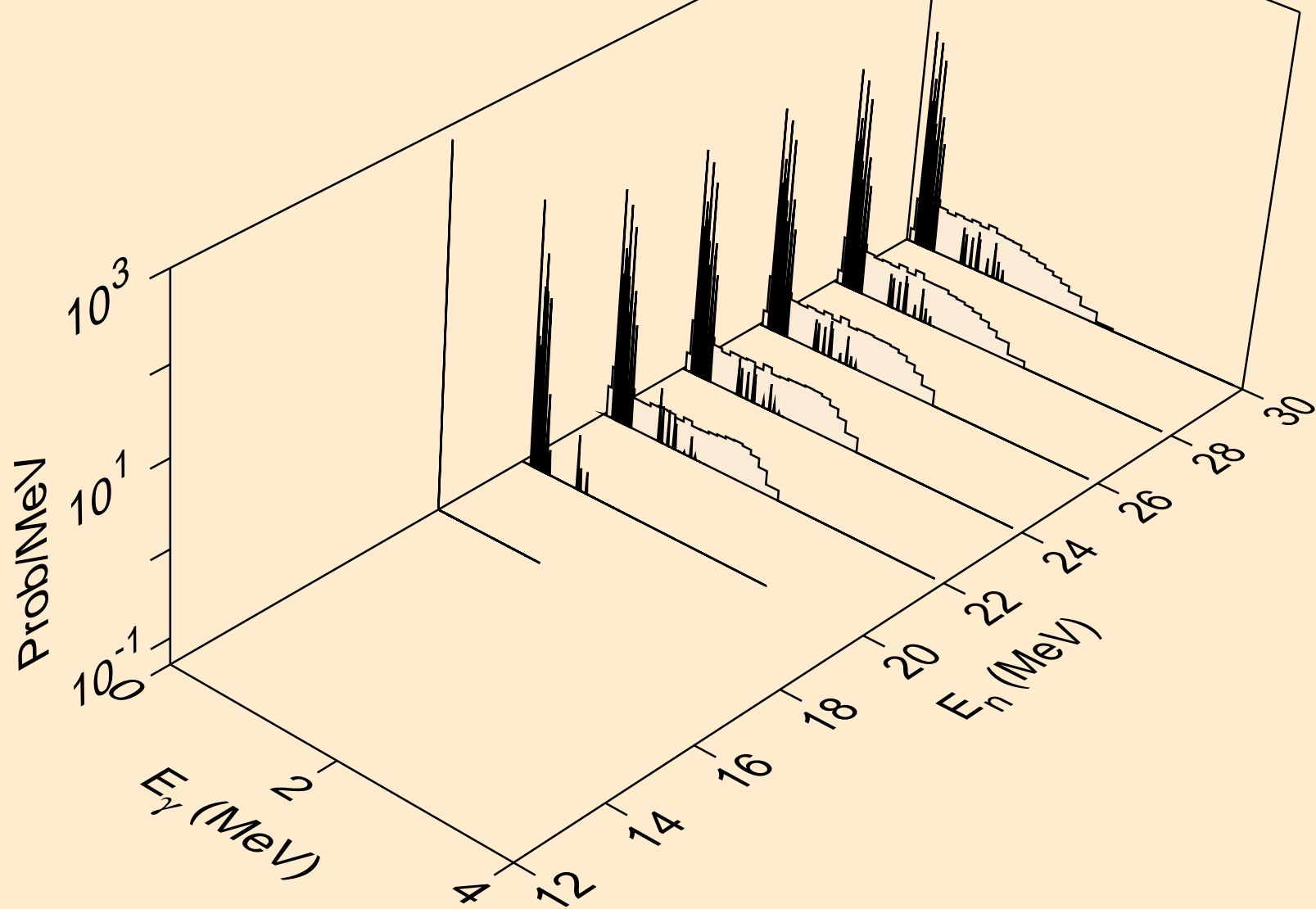




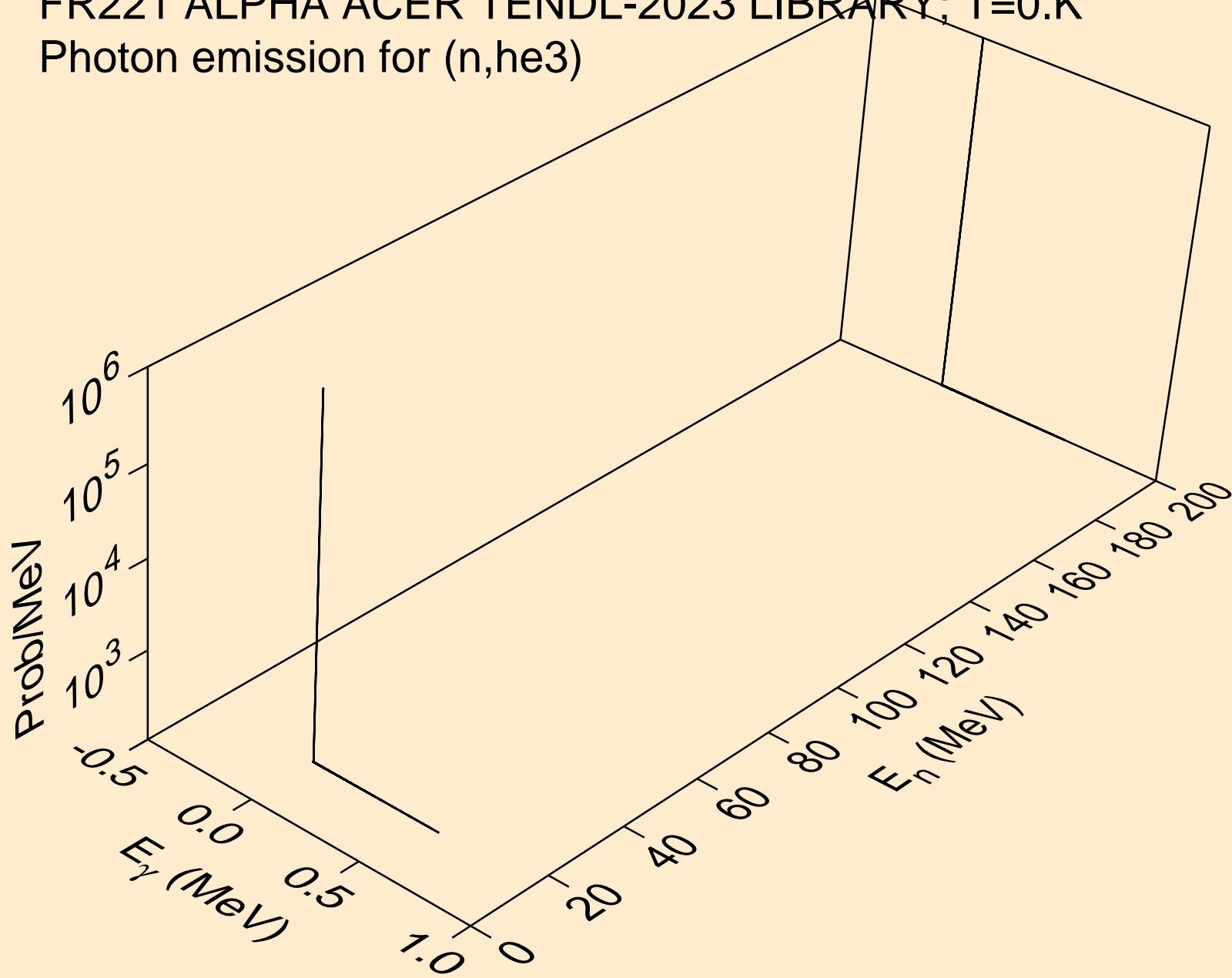
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



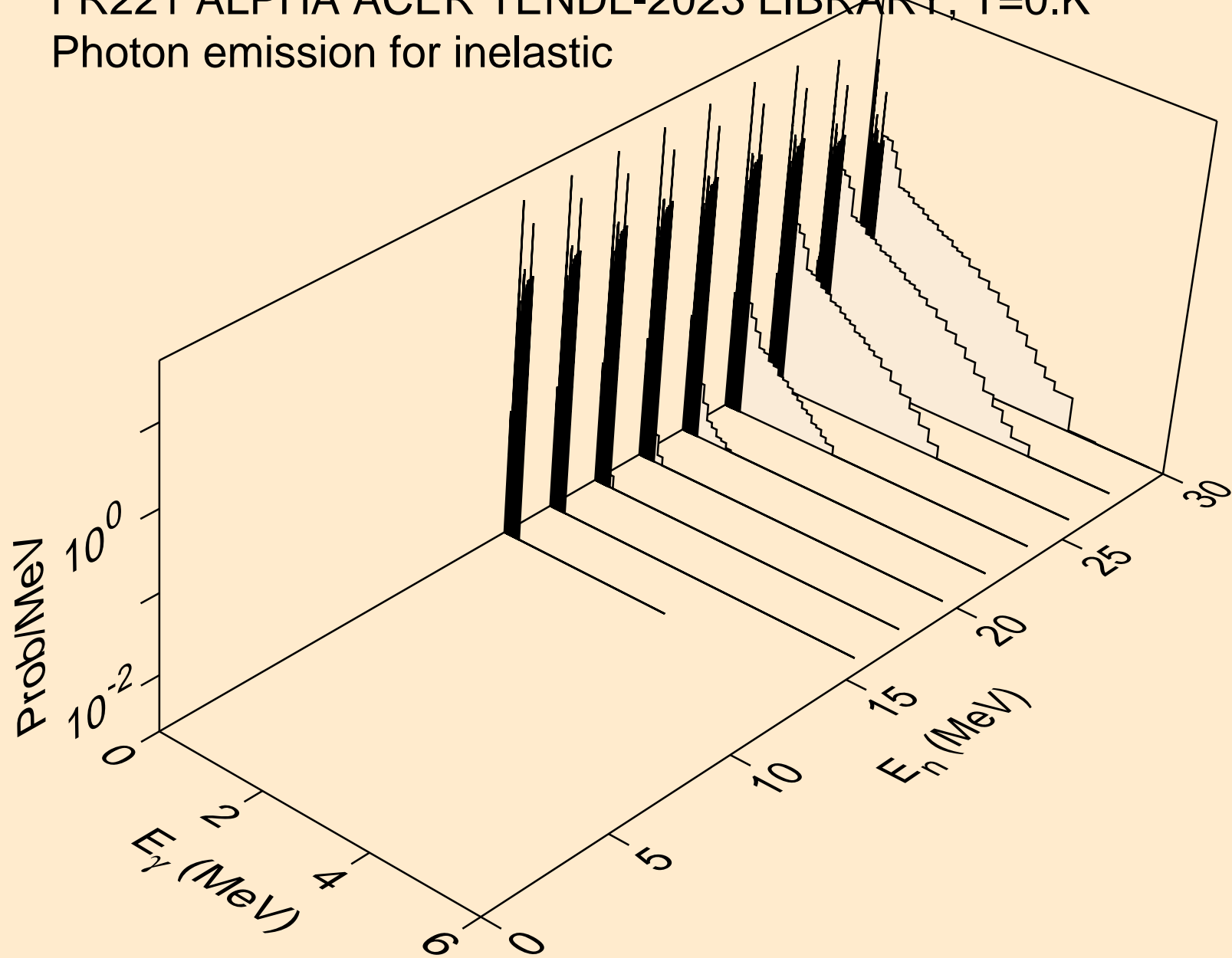
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



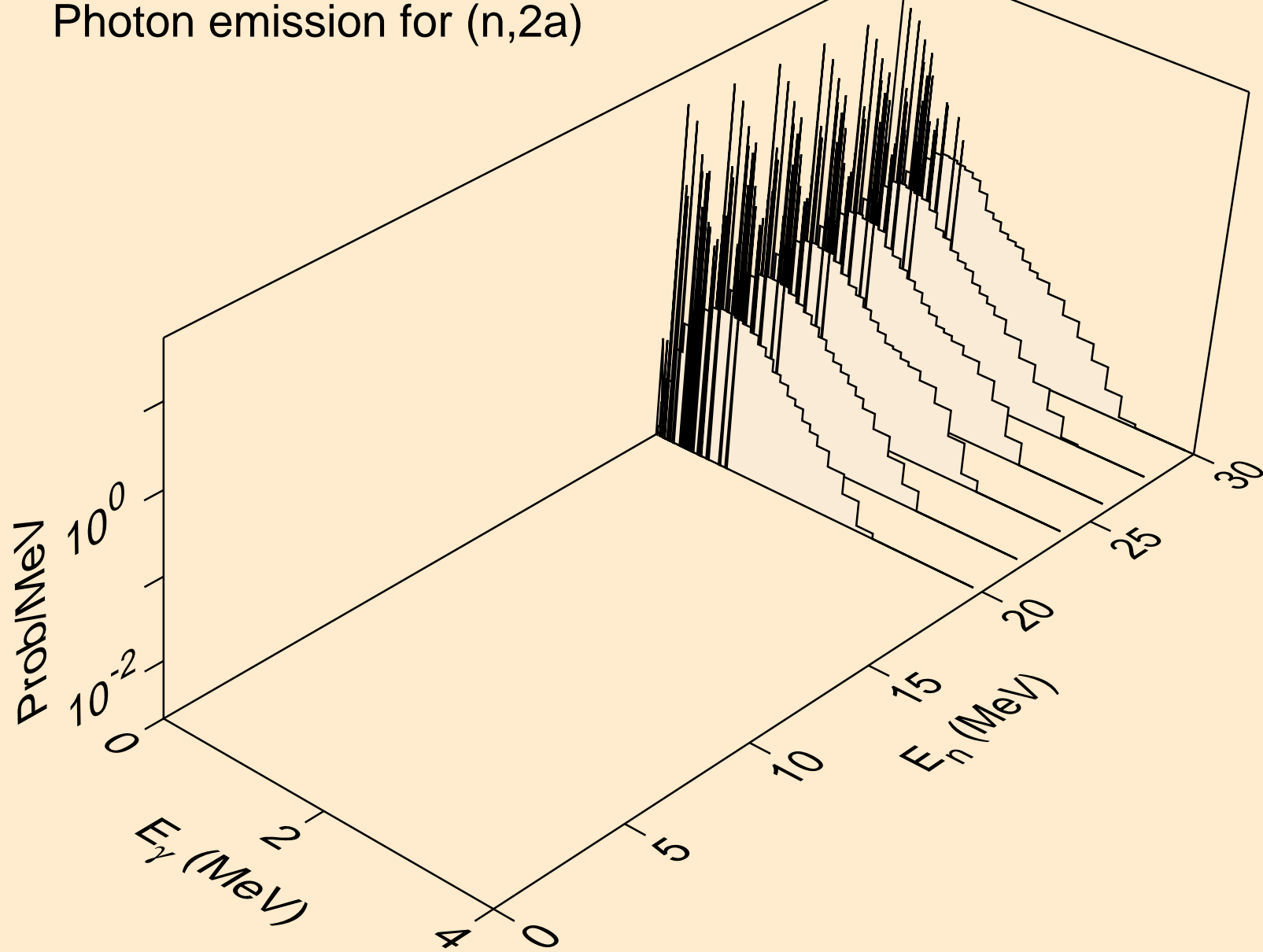
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Photon emission for (n,he3)



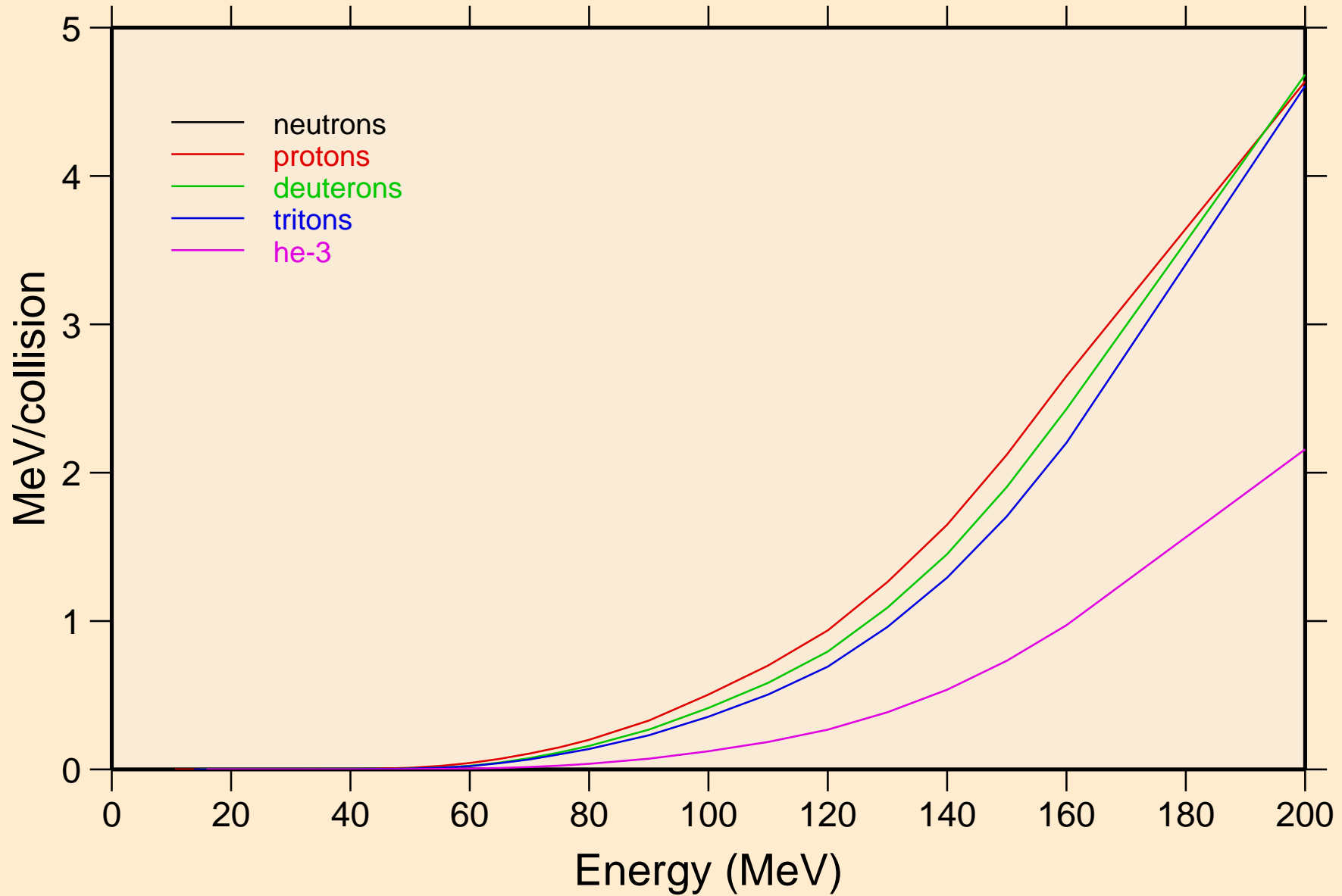
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



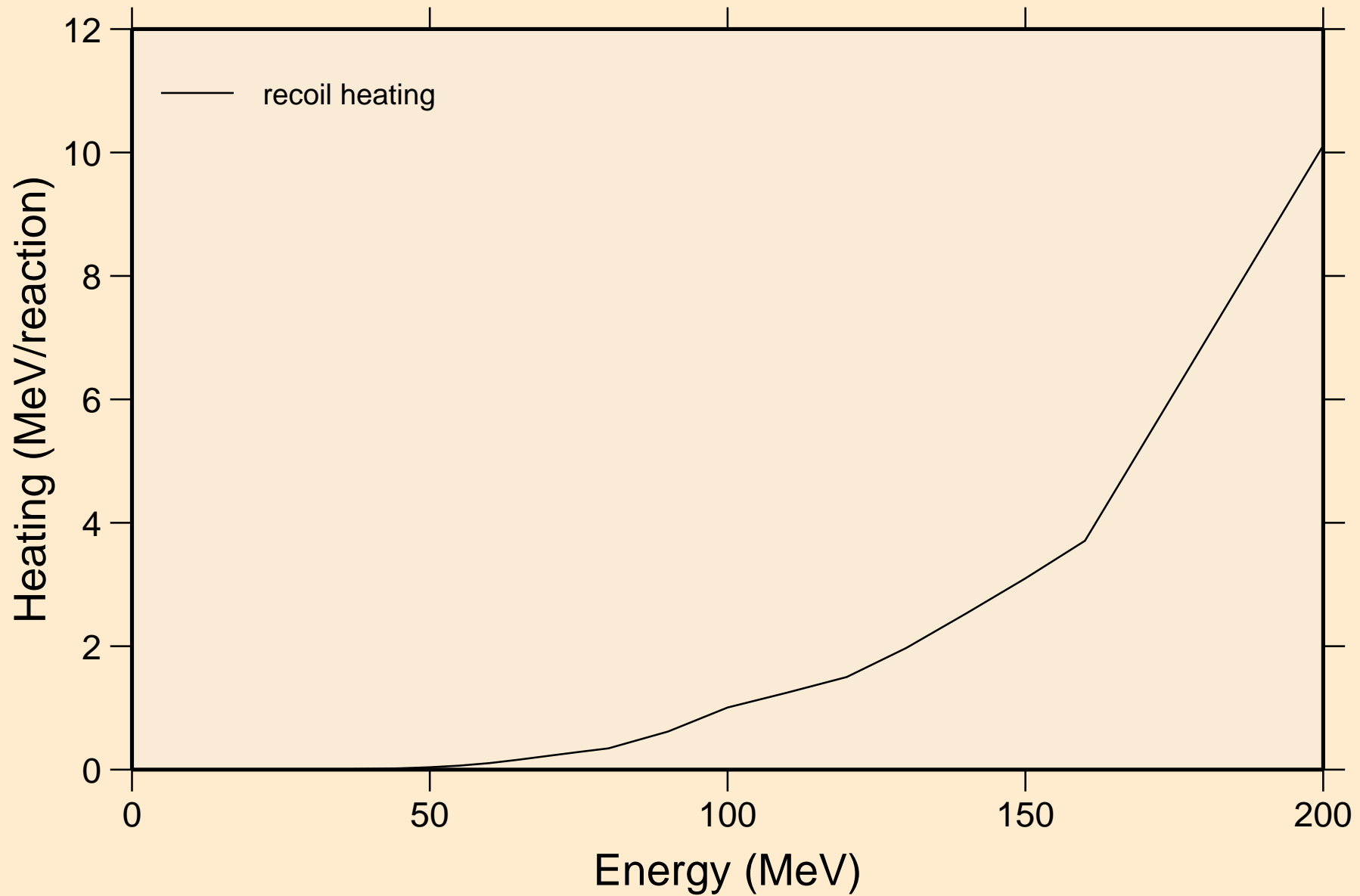
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



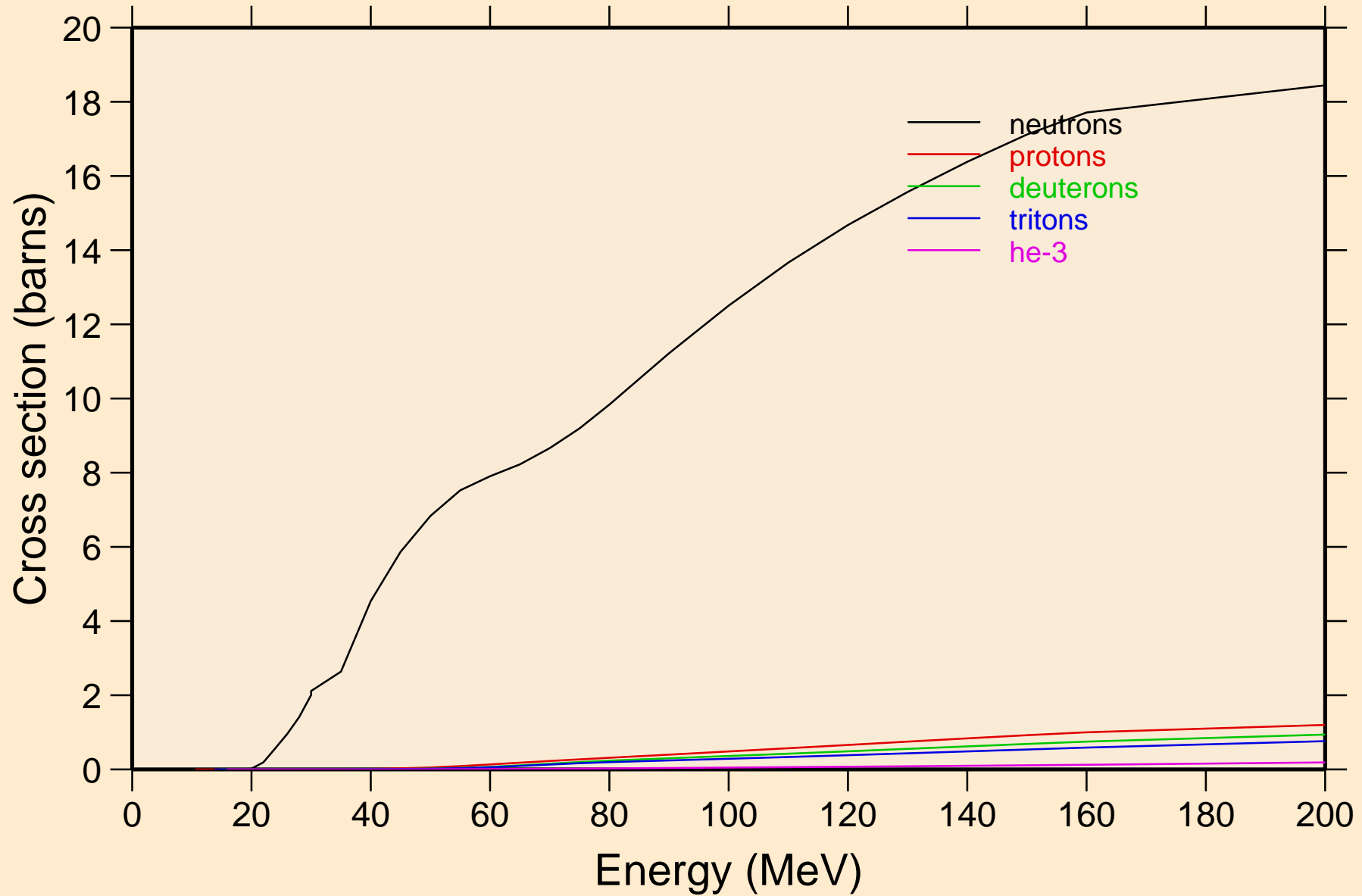
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

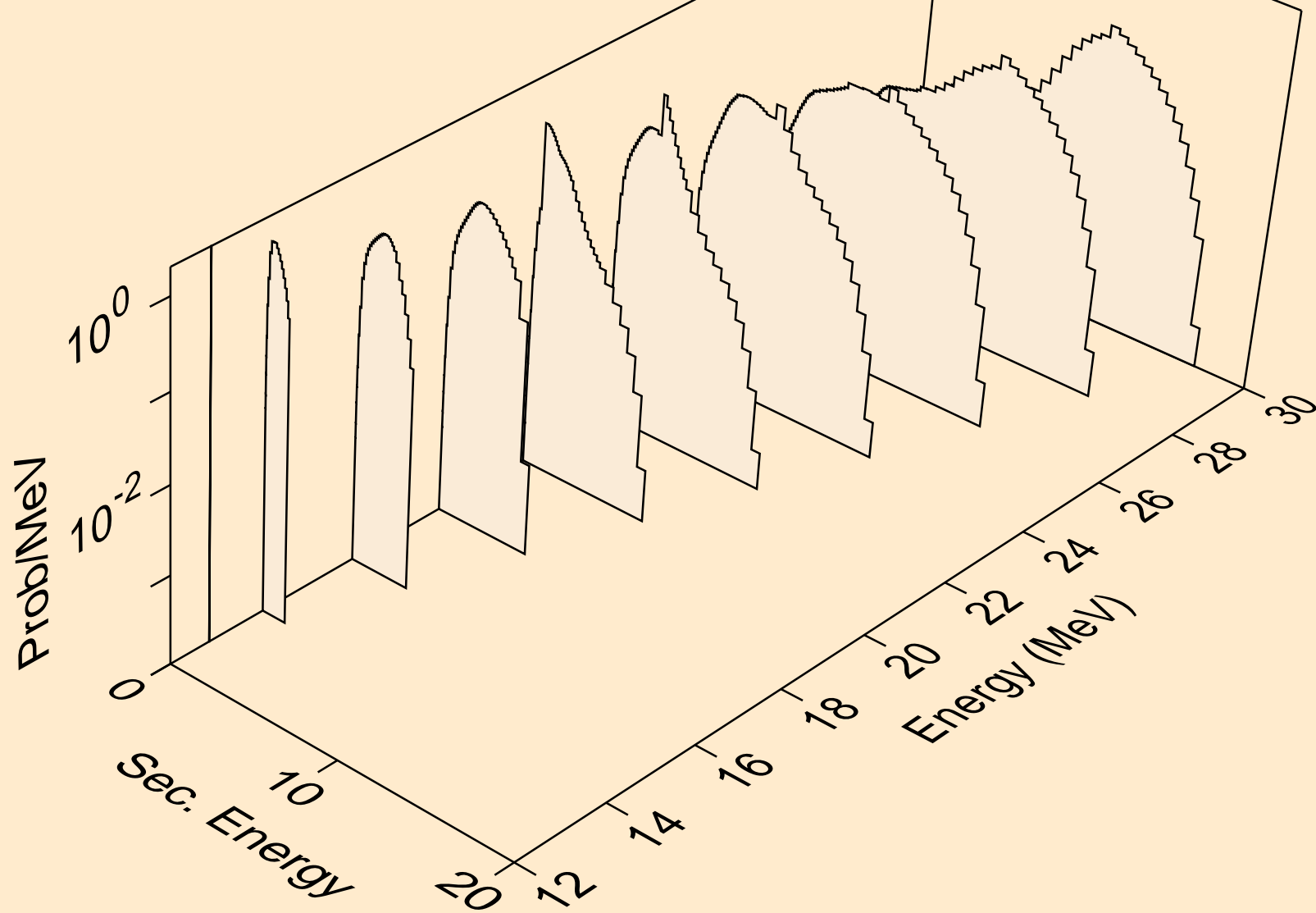


FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

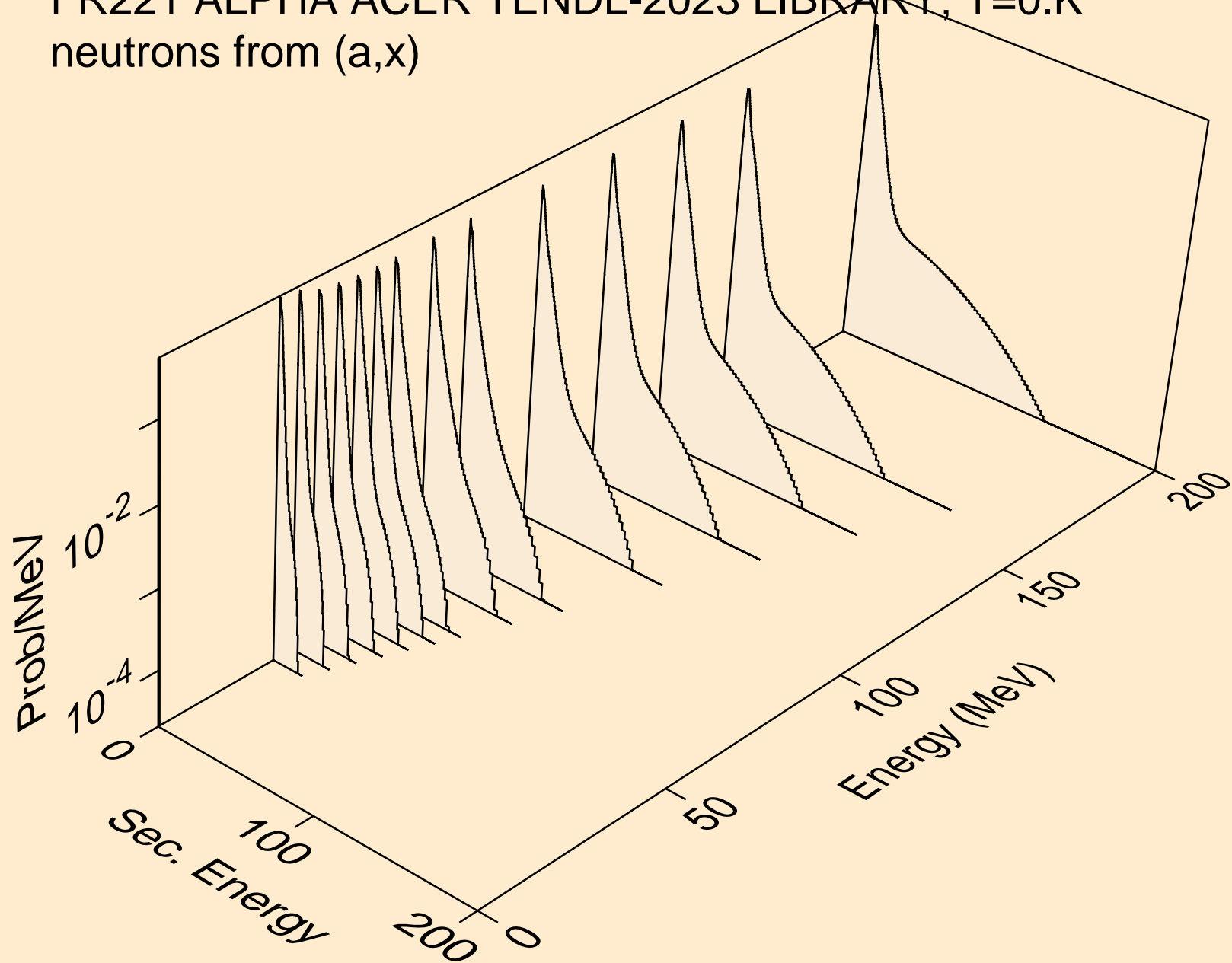




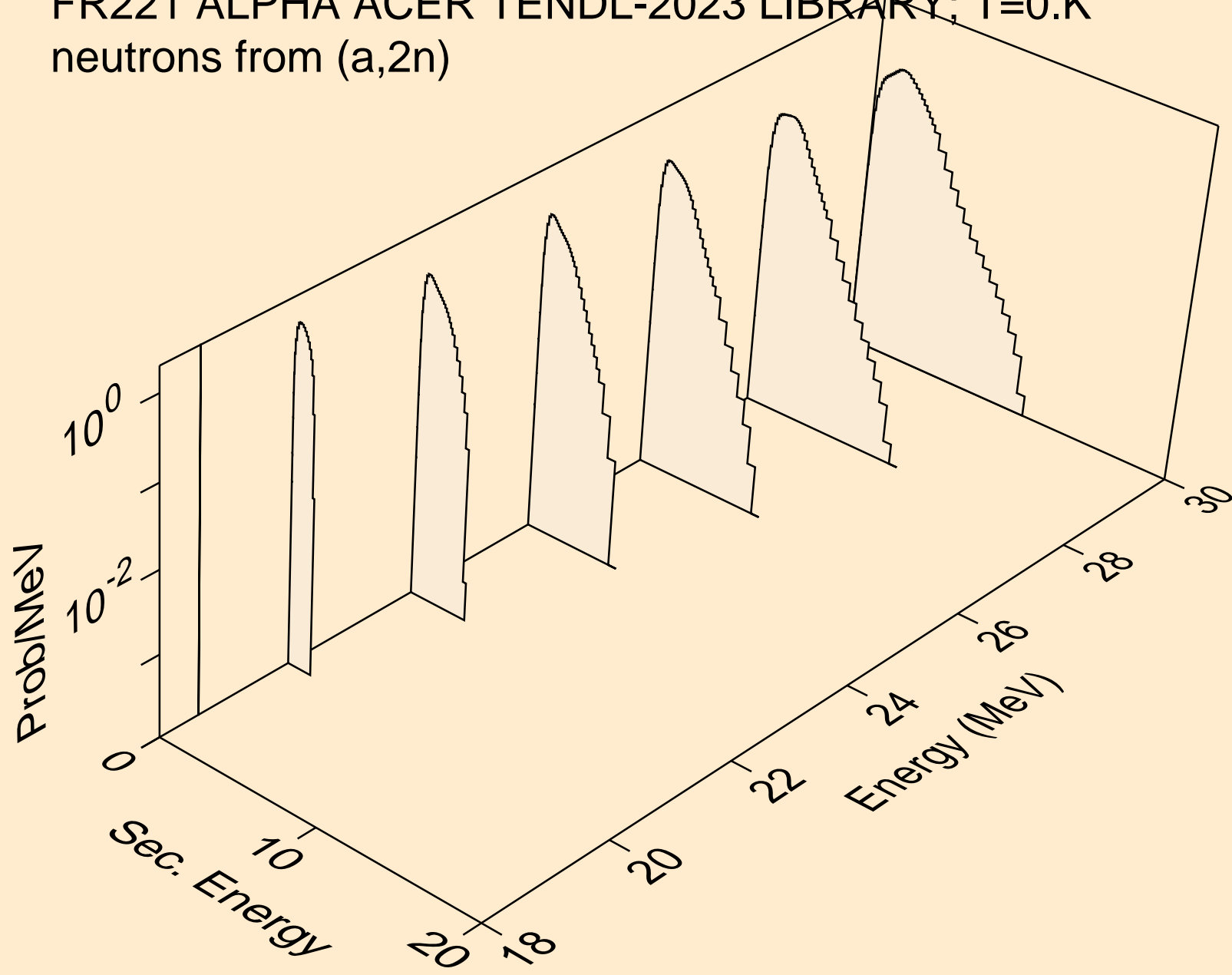
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



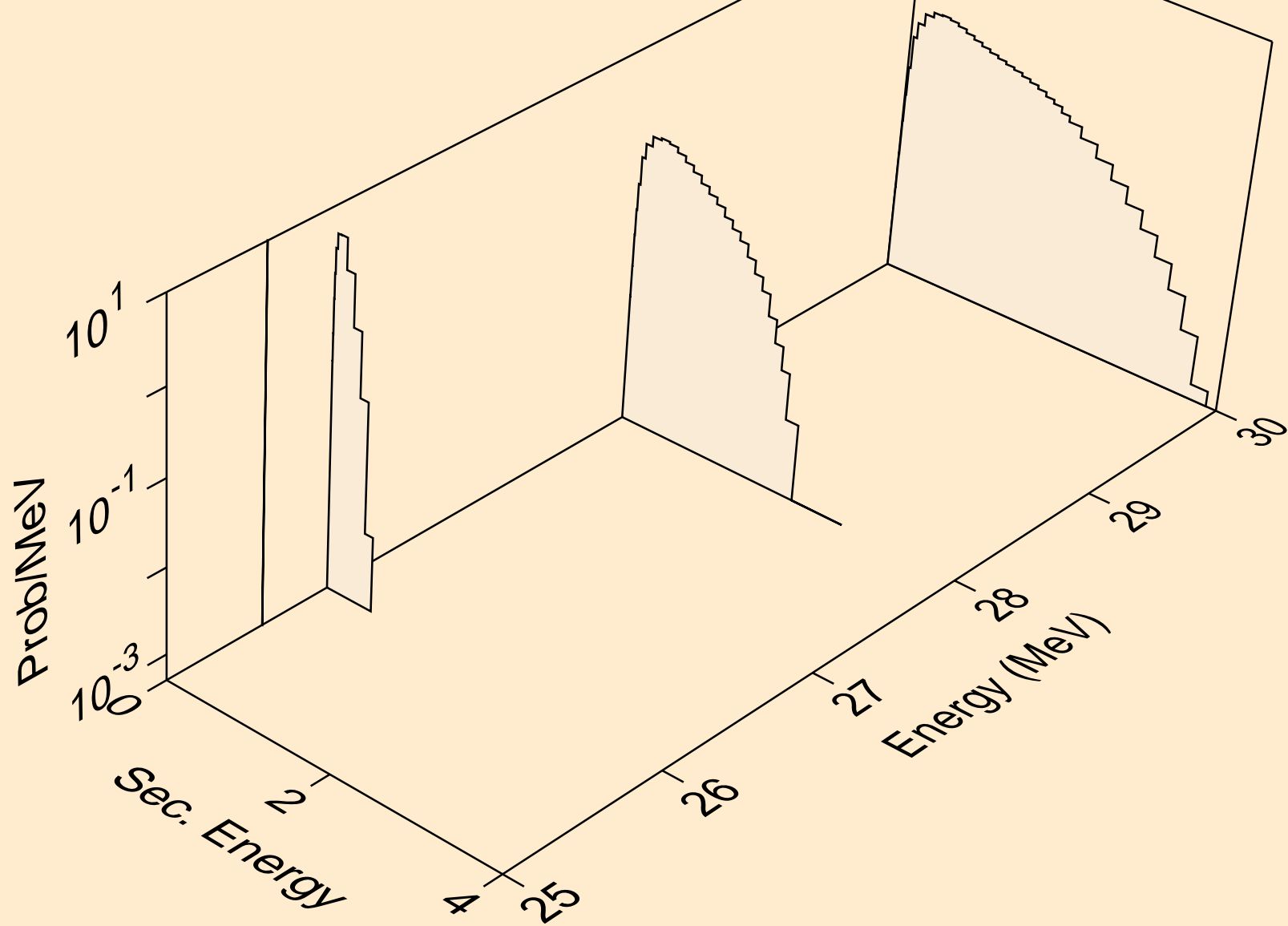
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



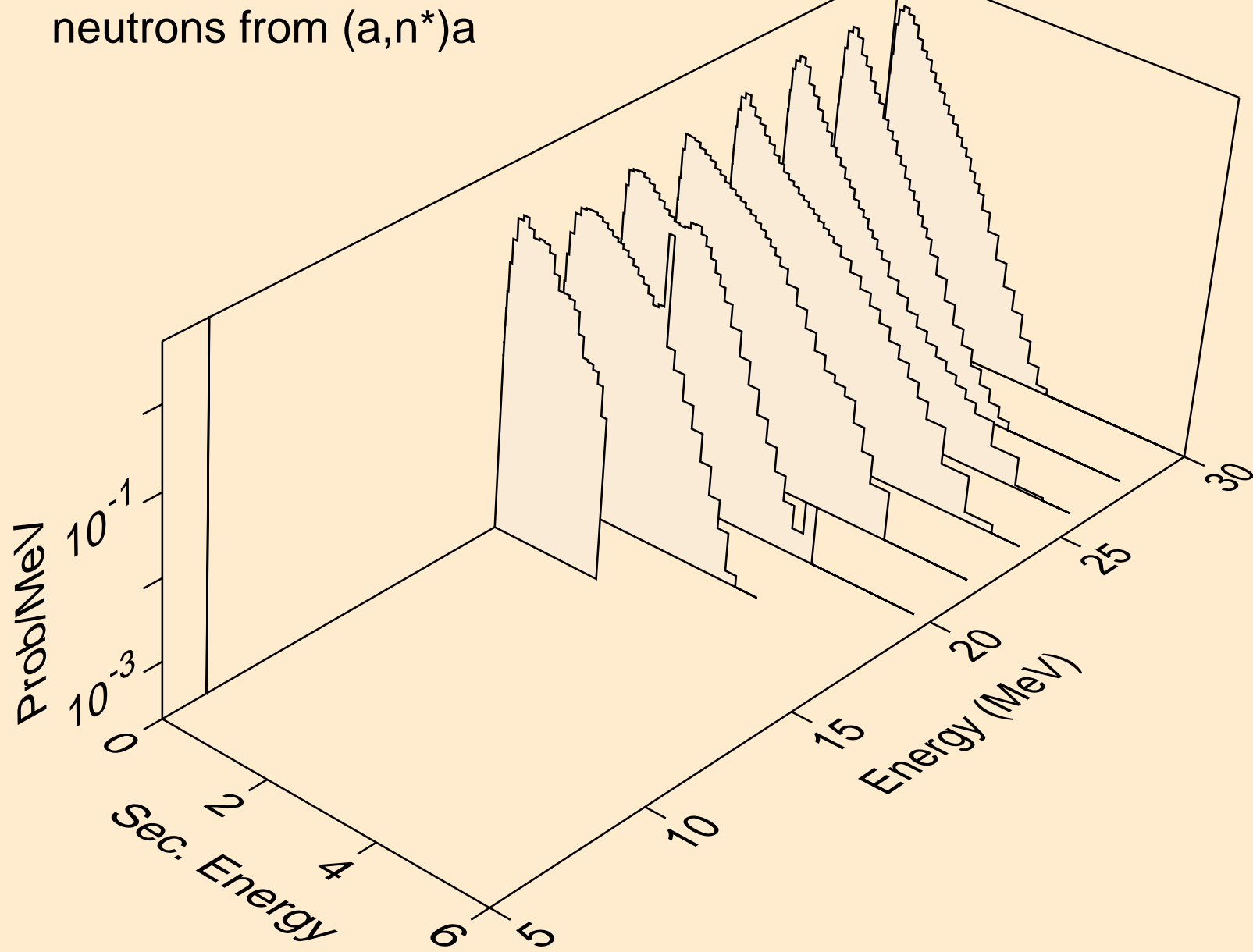
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neutrons from (a,2n)



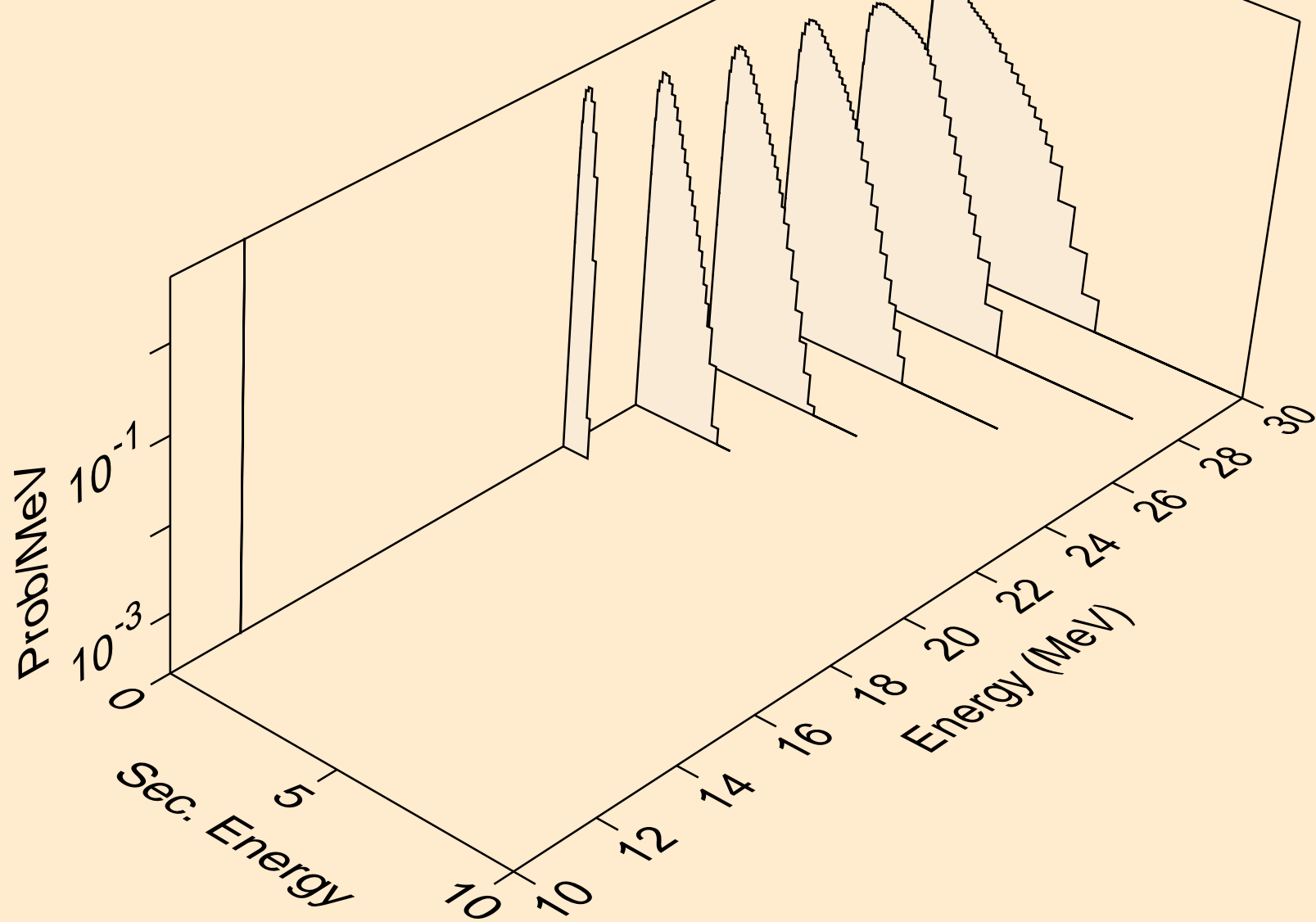
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neutrons from (a,3n)



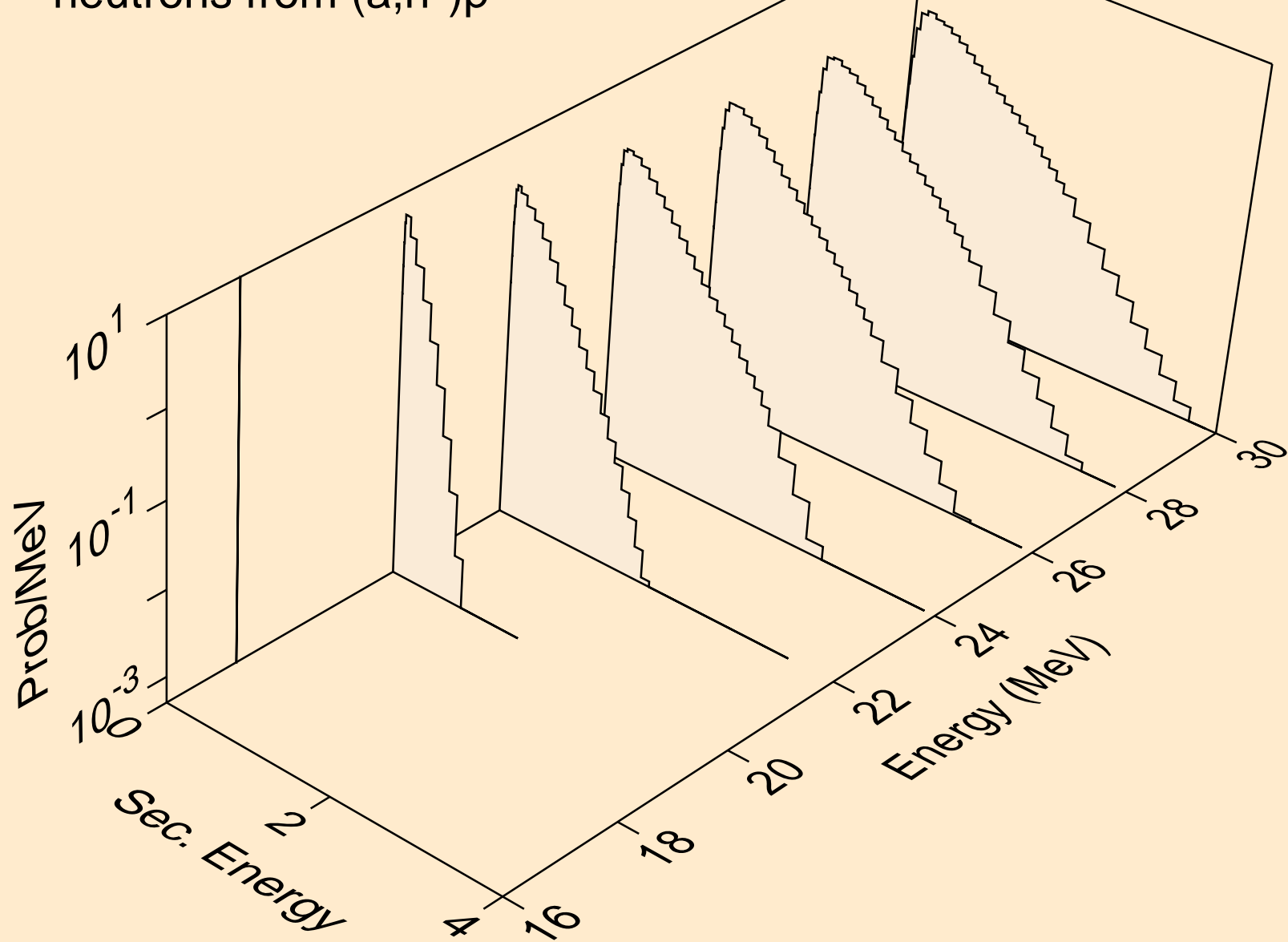
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



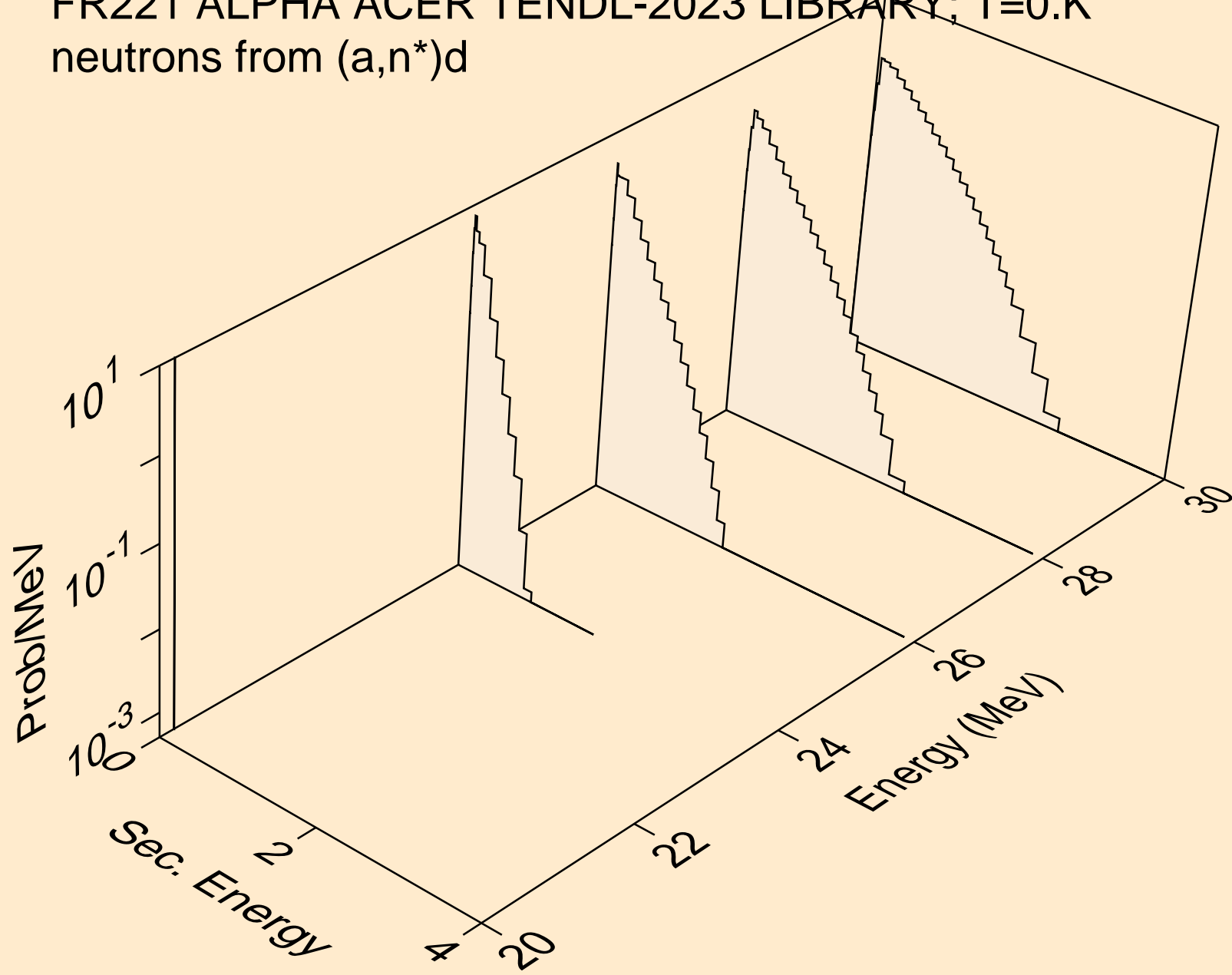
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

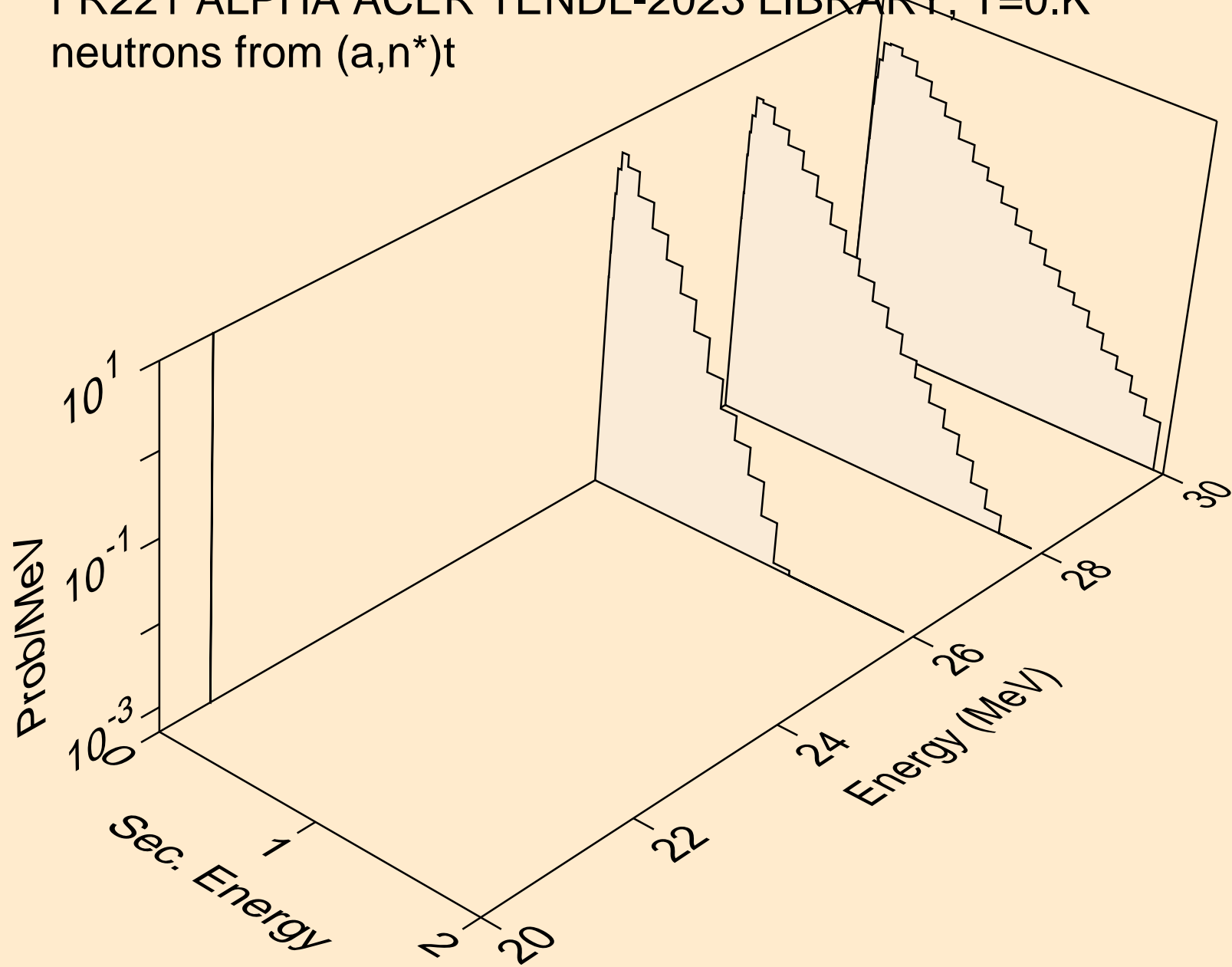


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neutrons from (a,n\*)d

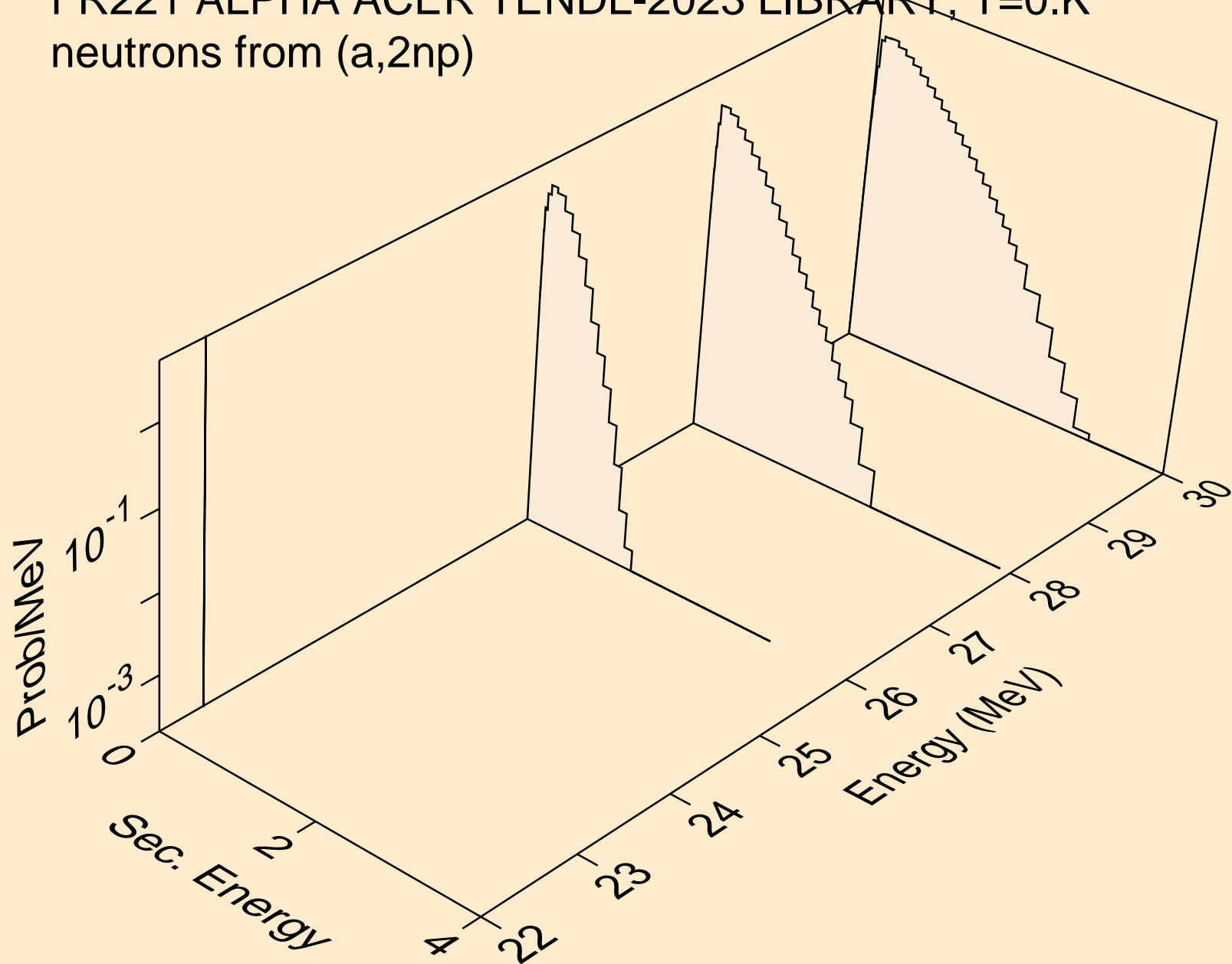




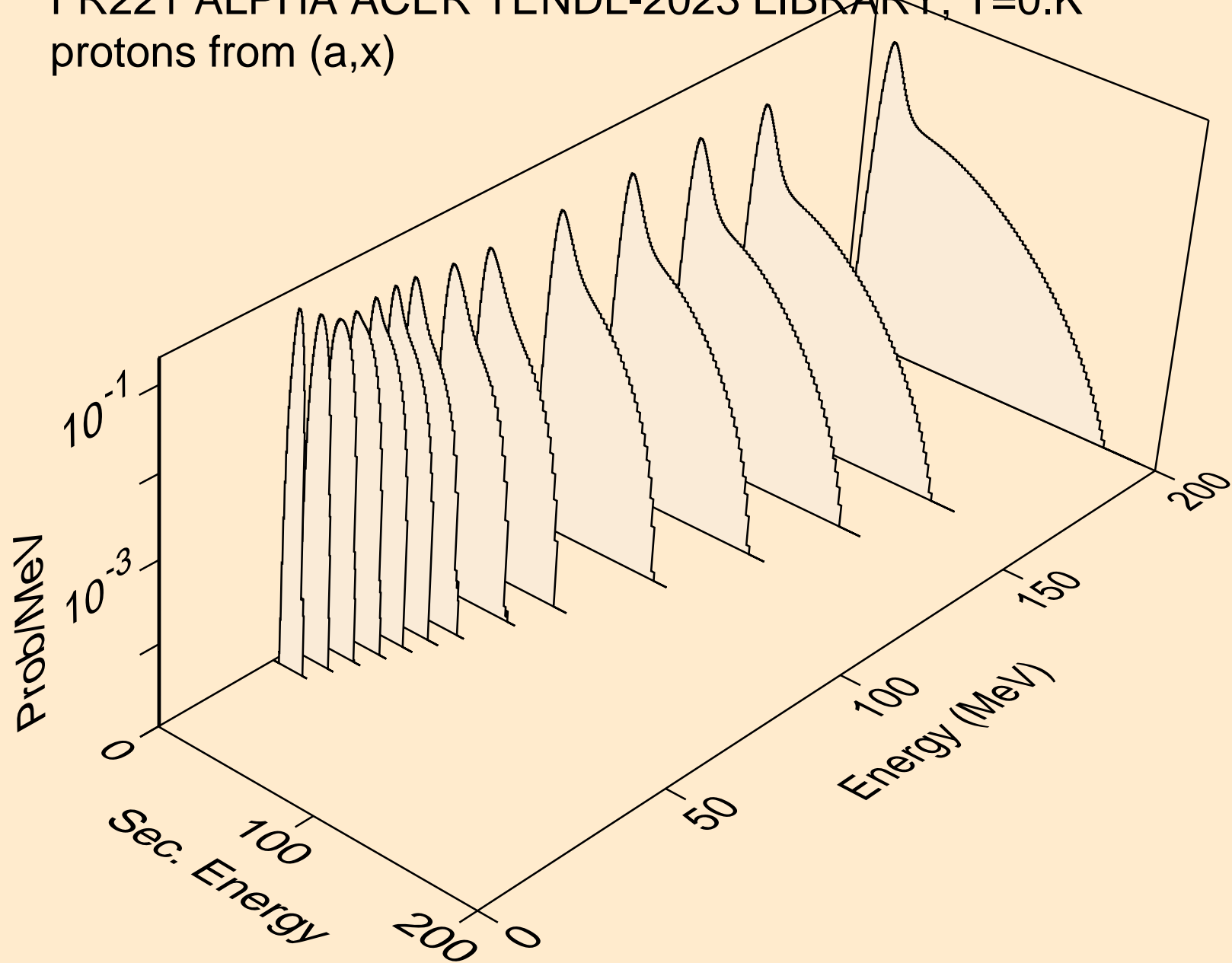
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



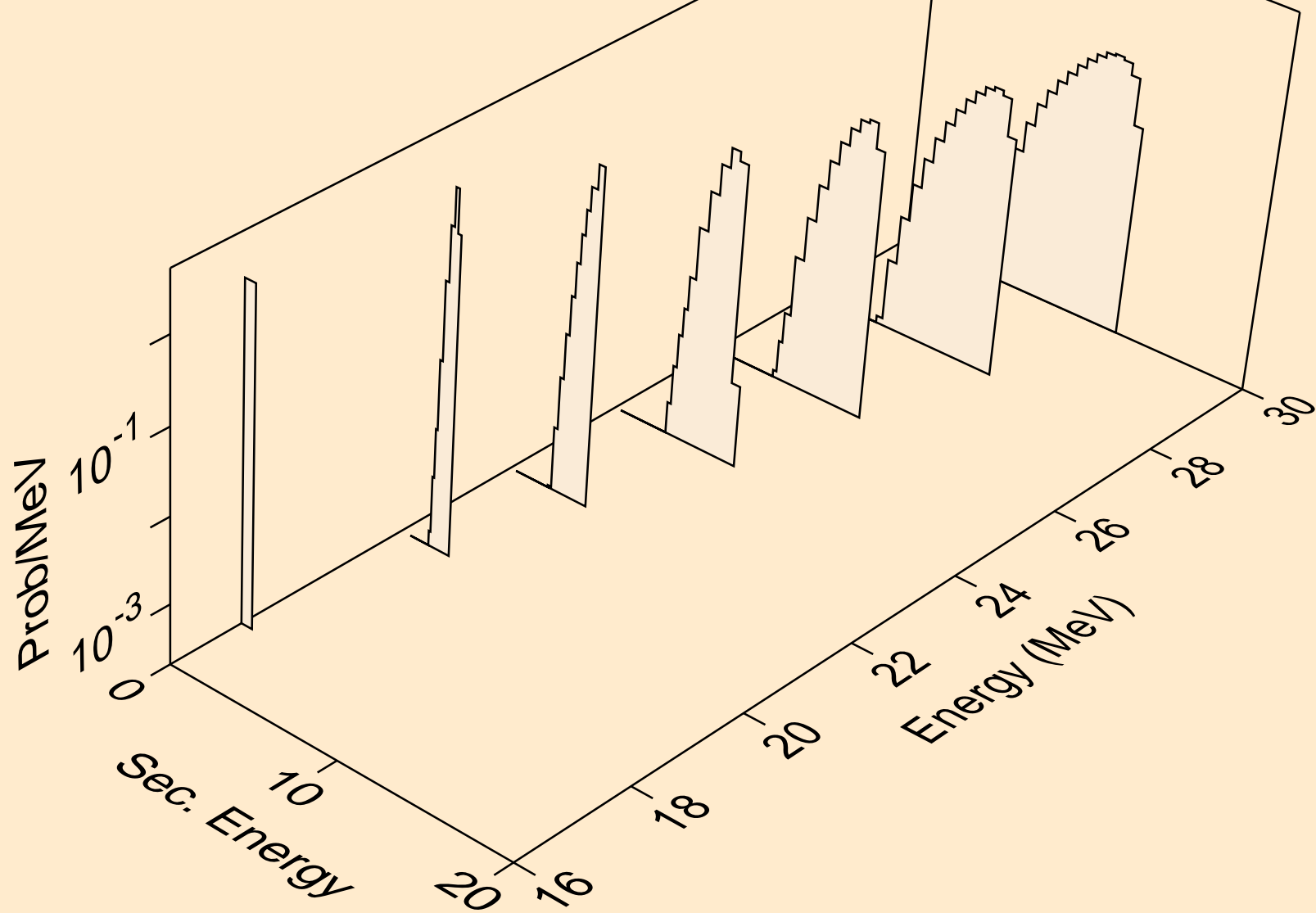
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neutrons from (a,2np)



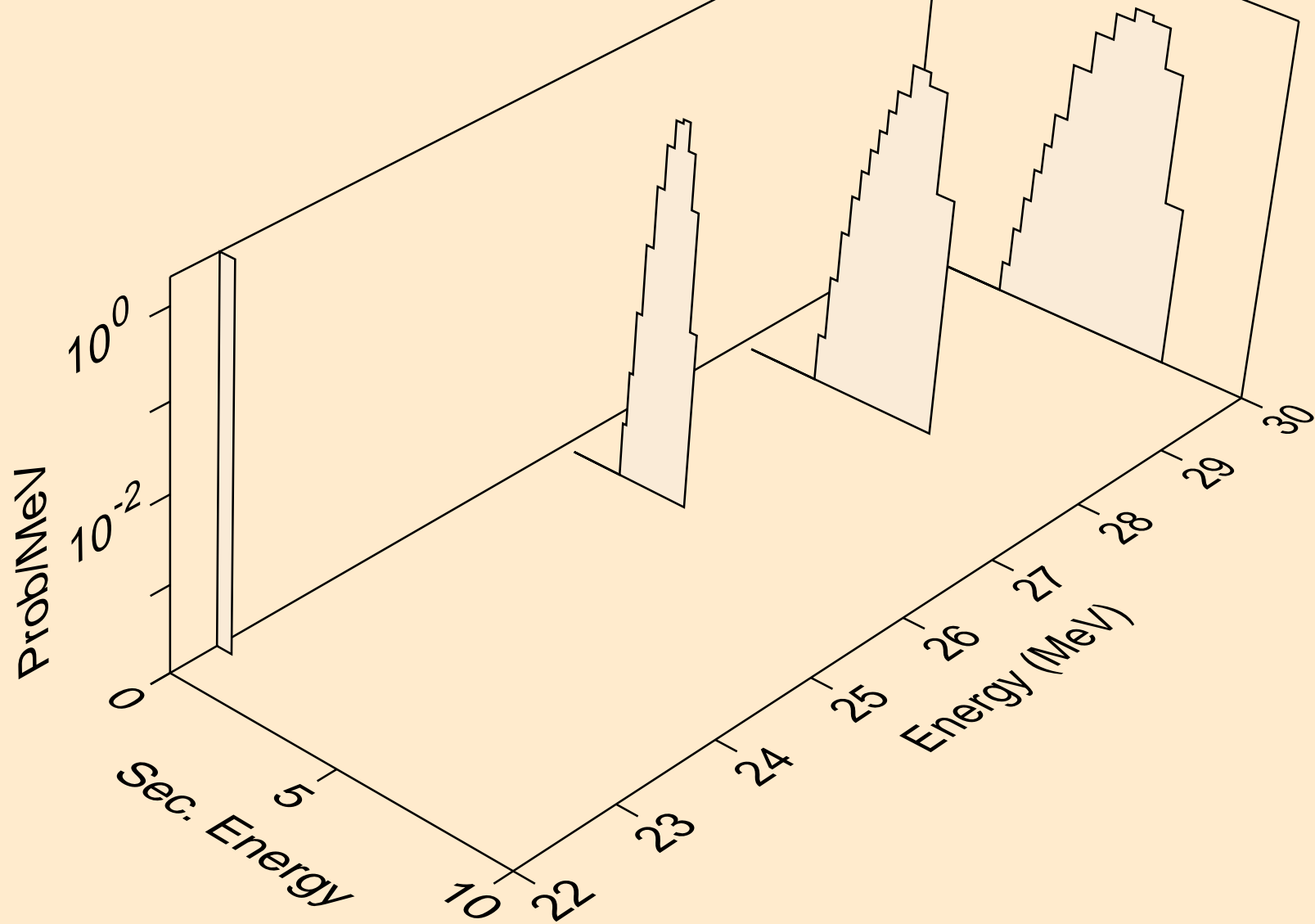
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protons from (a,x)



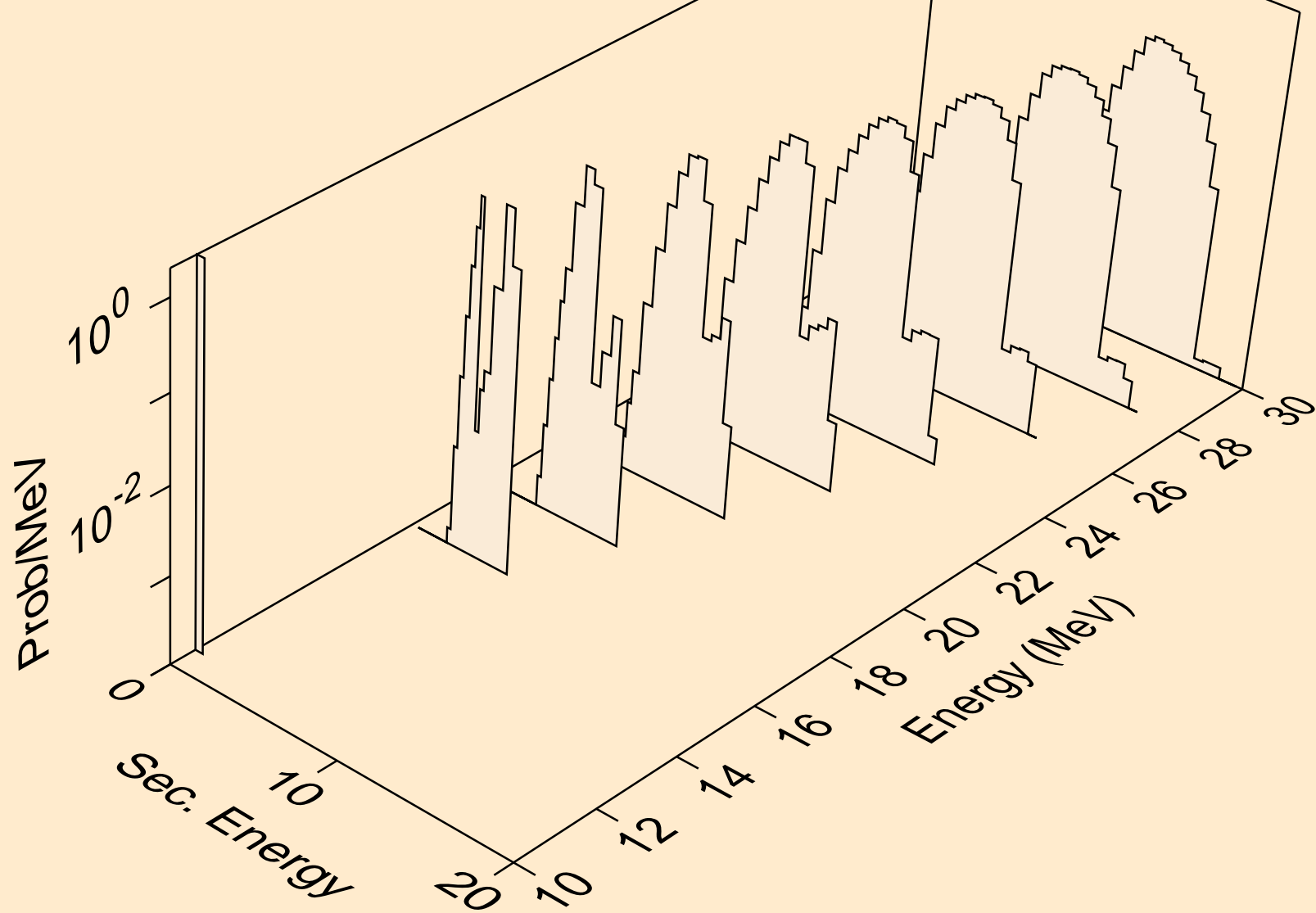
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protons from (a,n\*)p



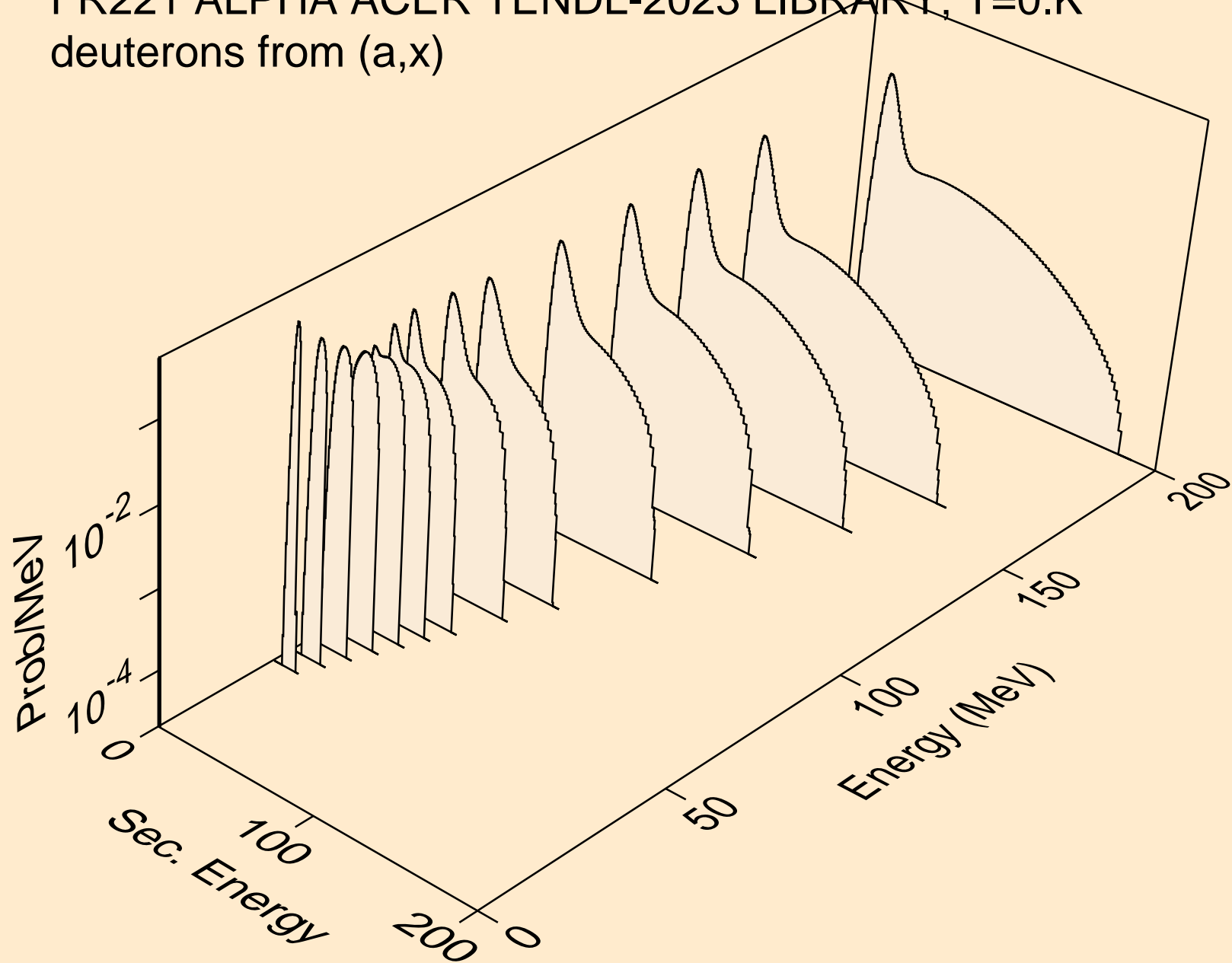
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protons from (a,2np)



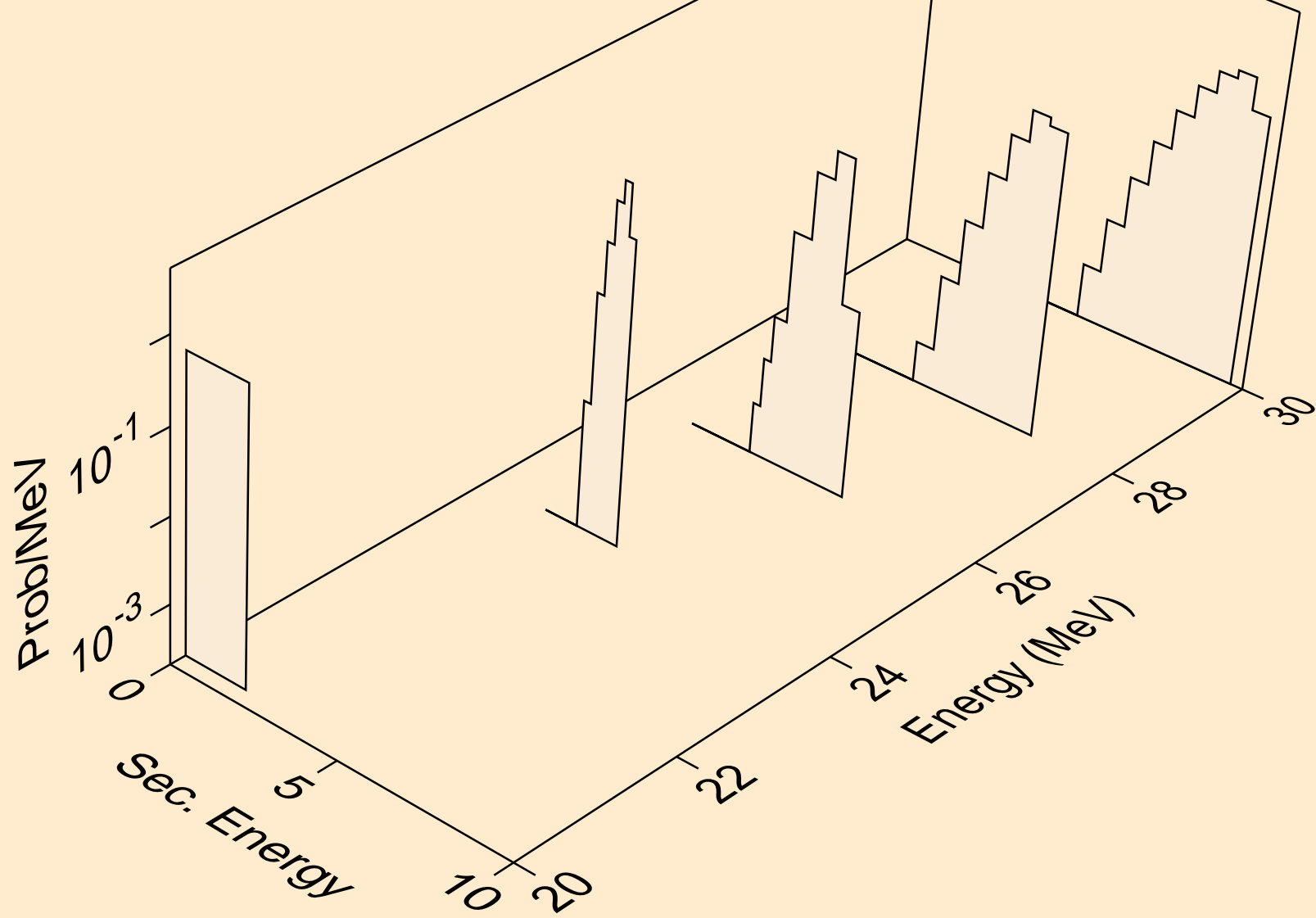
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

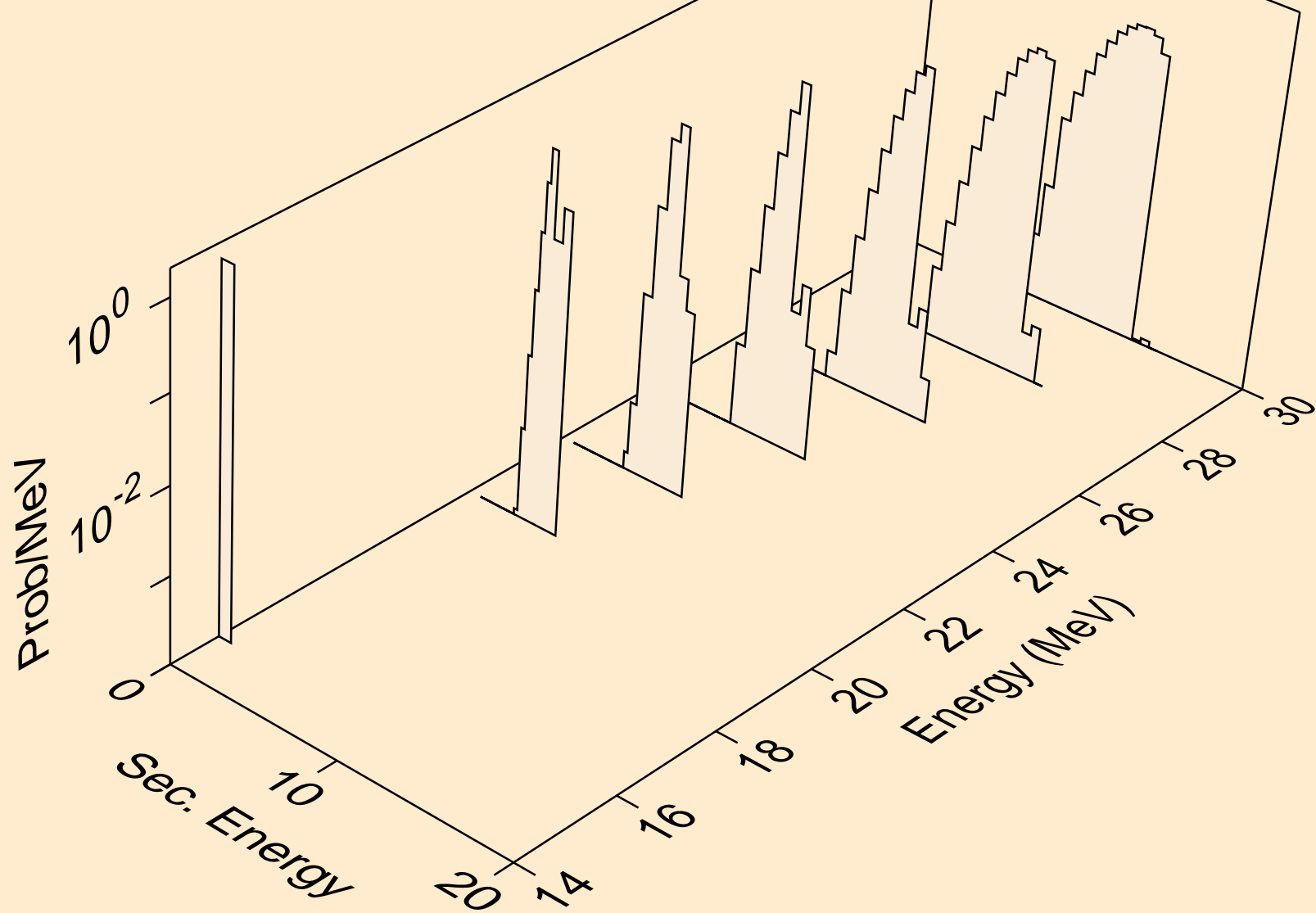


FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d

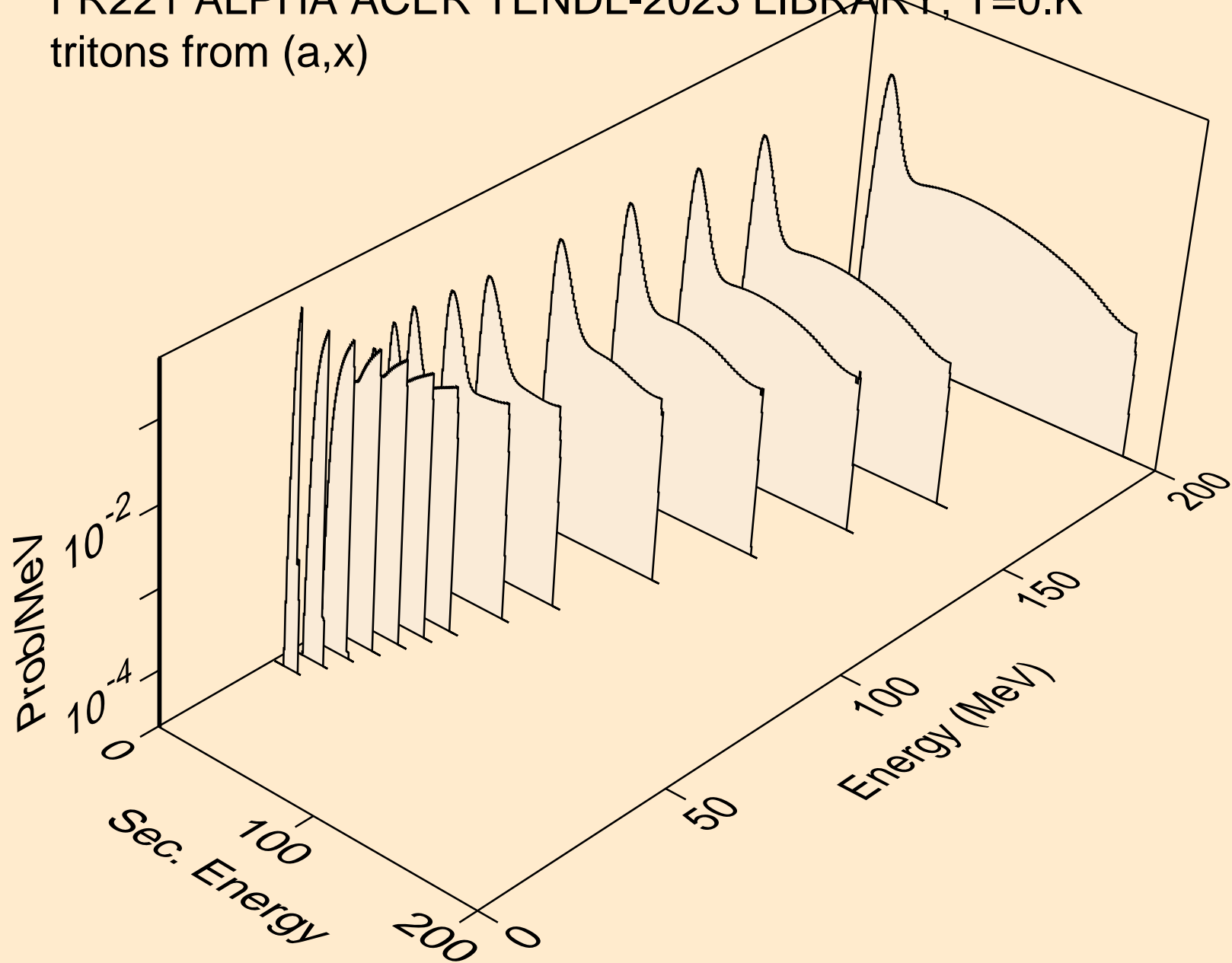




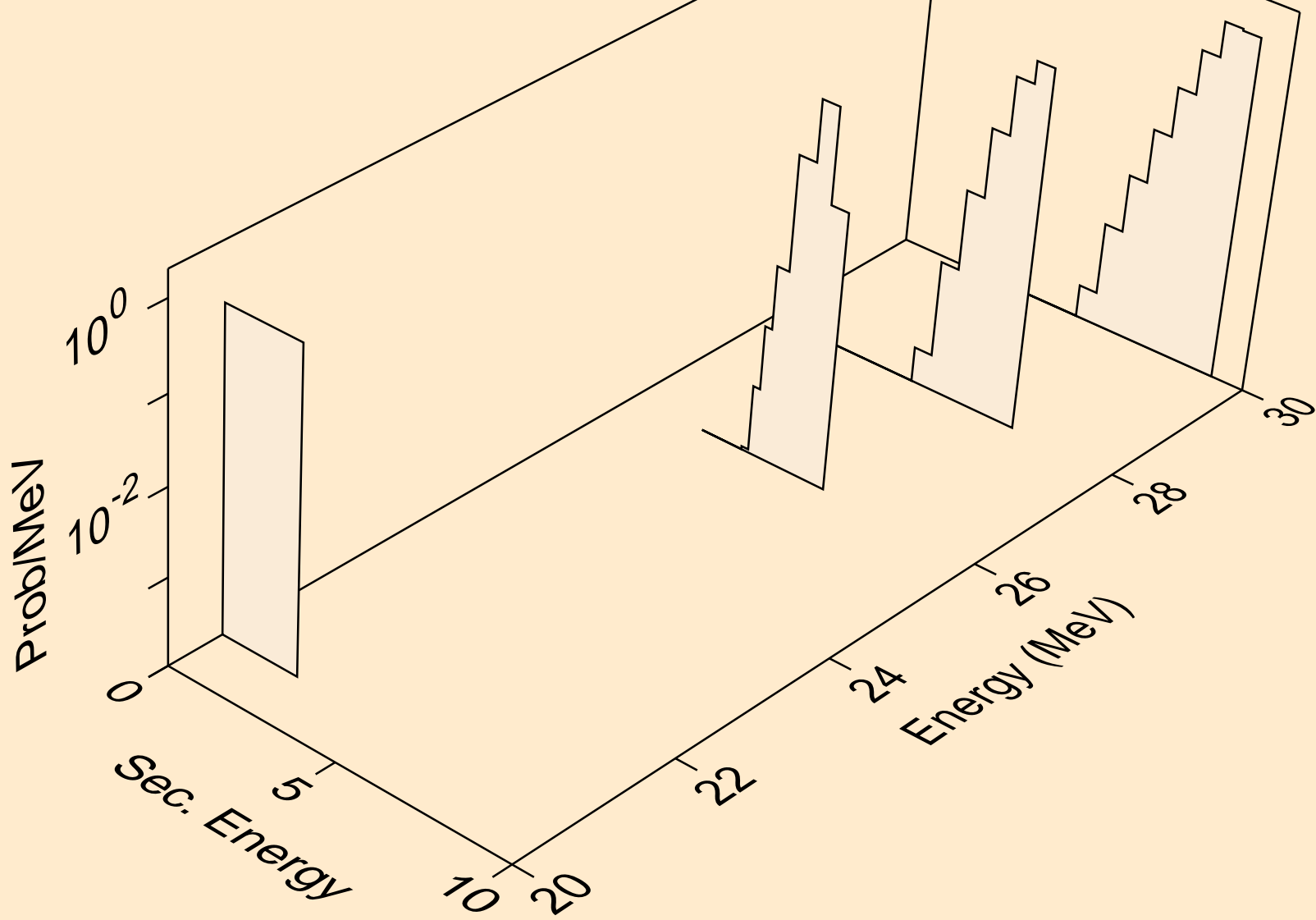
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



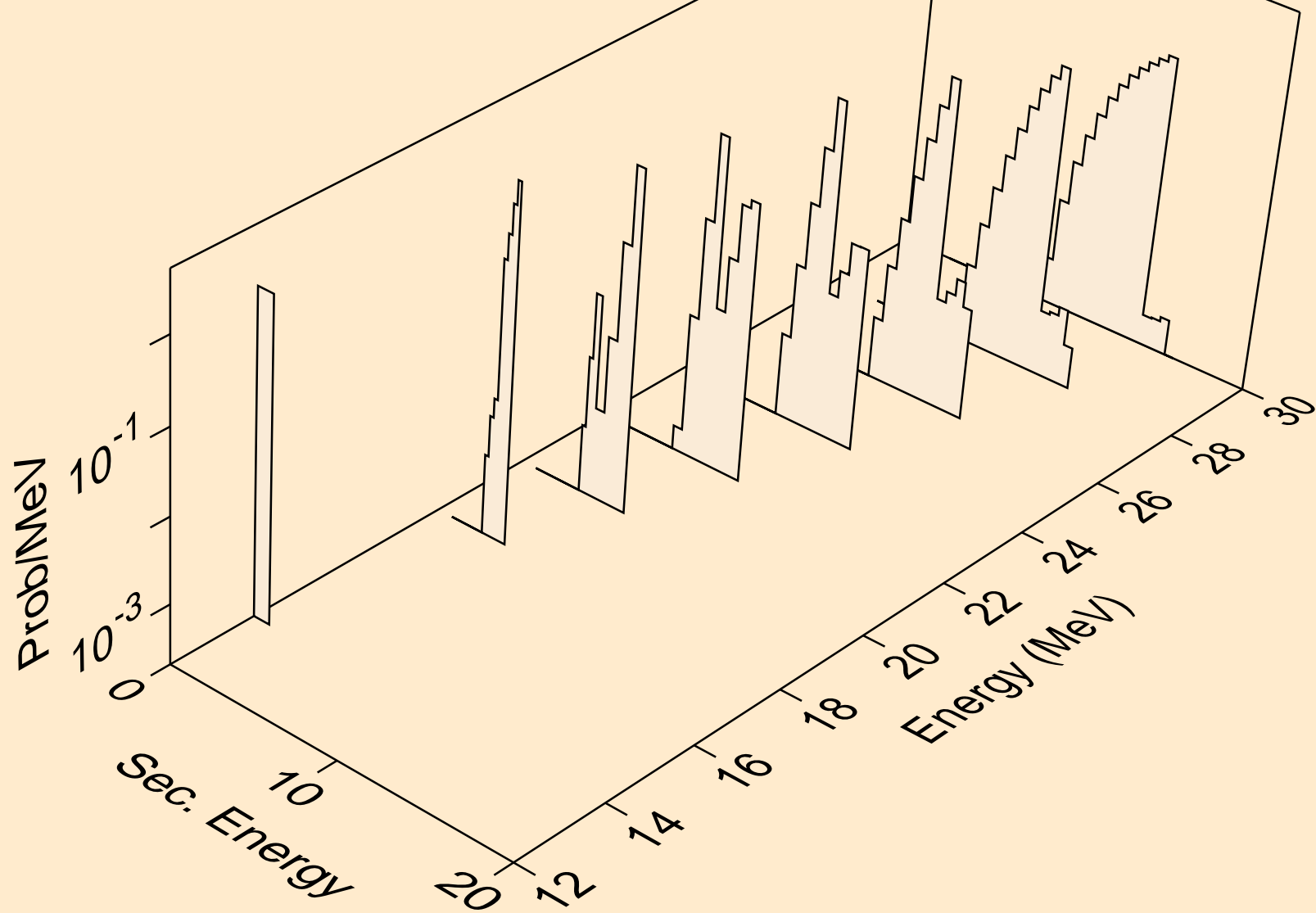
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



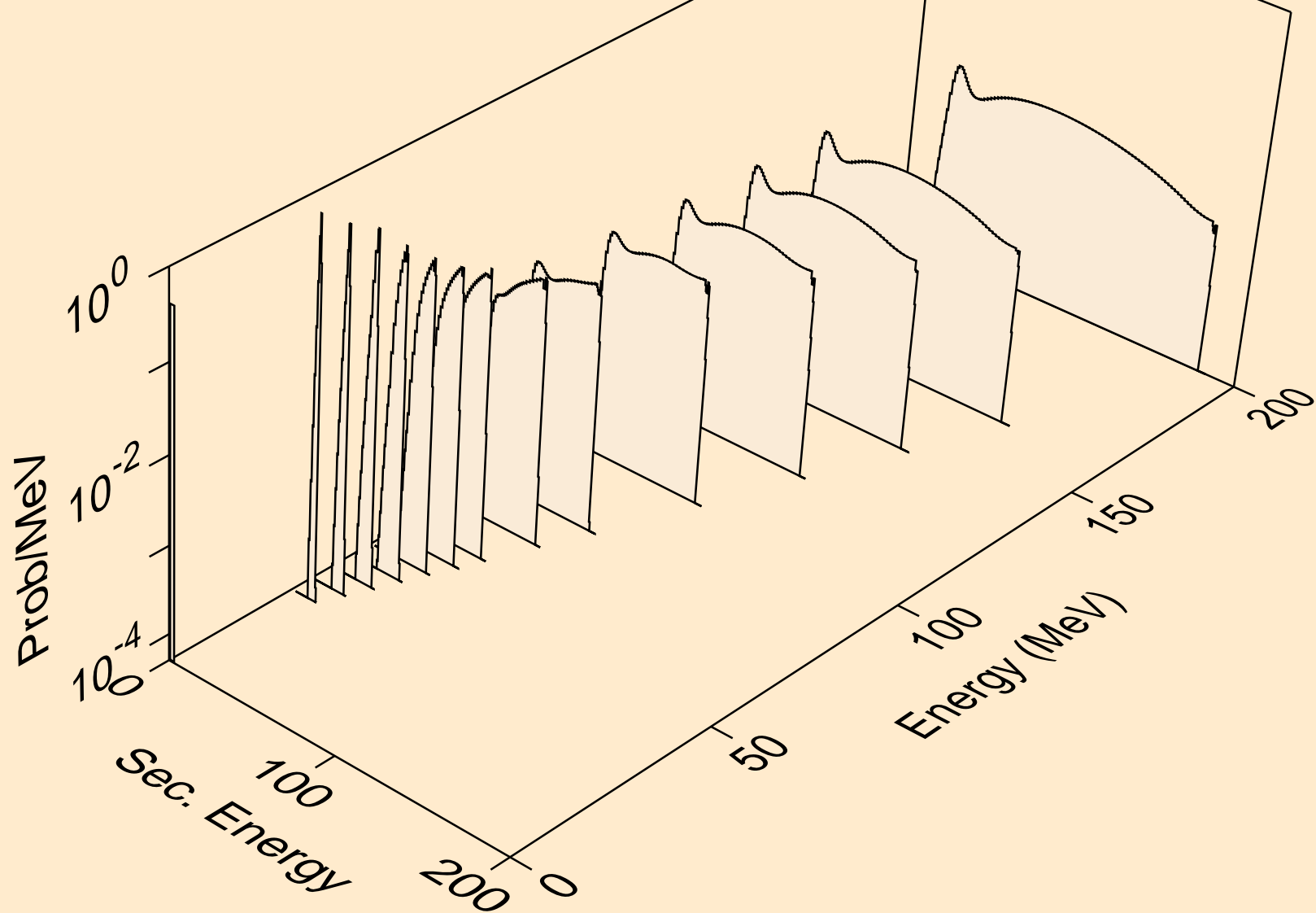
FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



FR221 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

