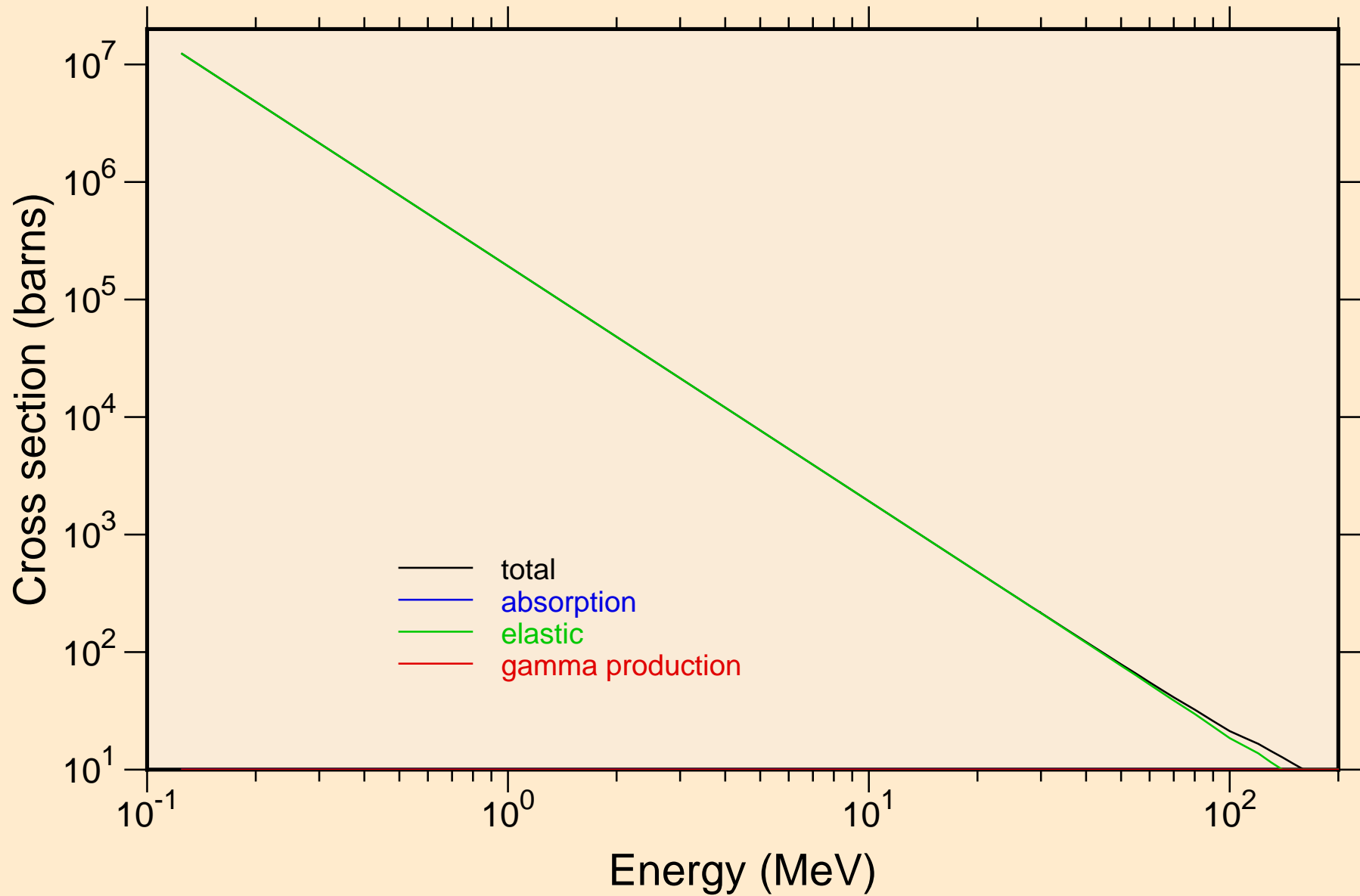
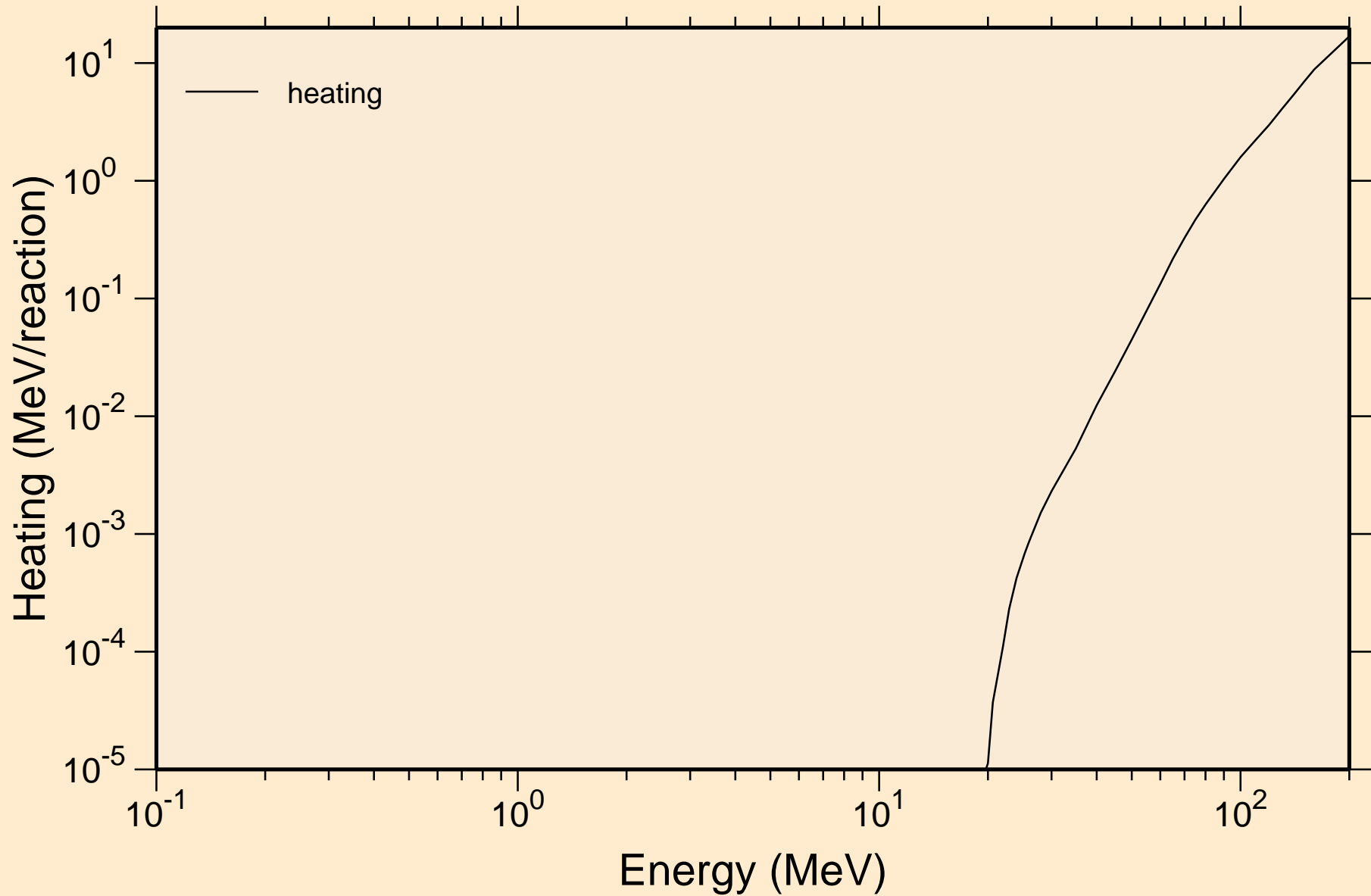


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



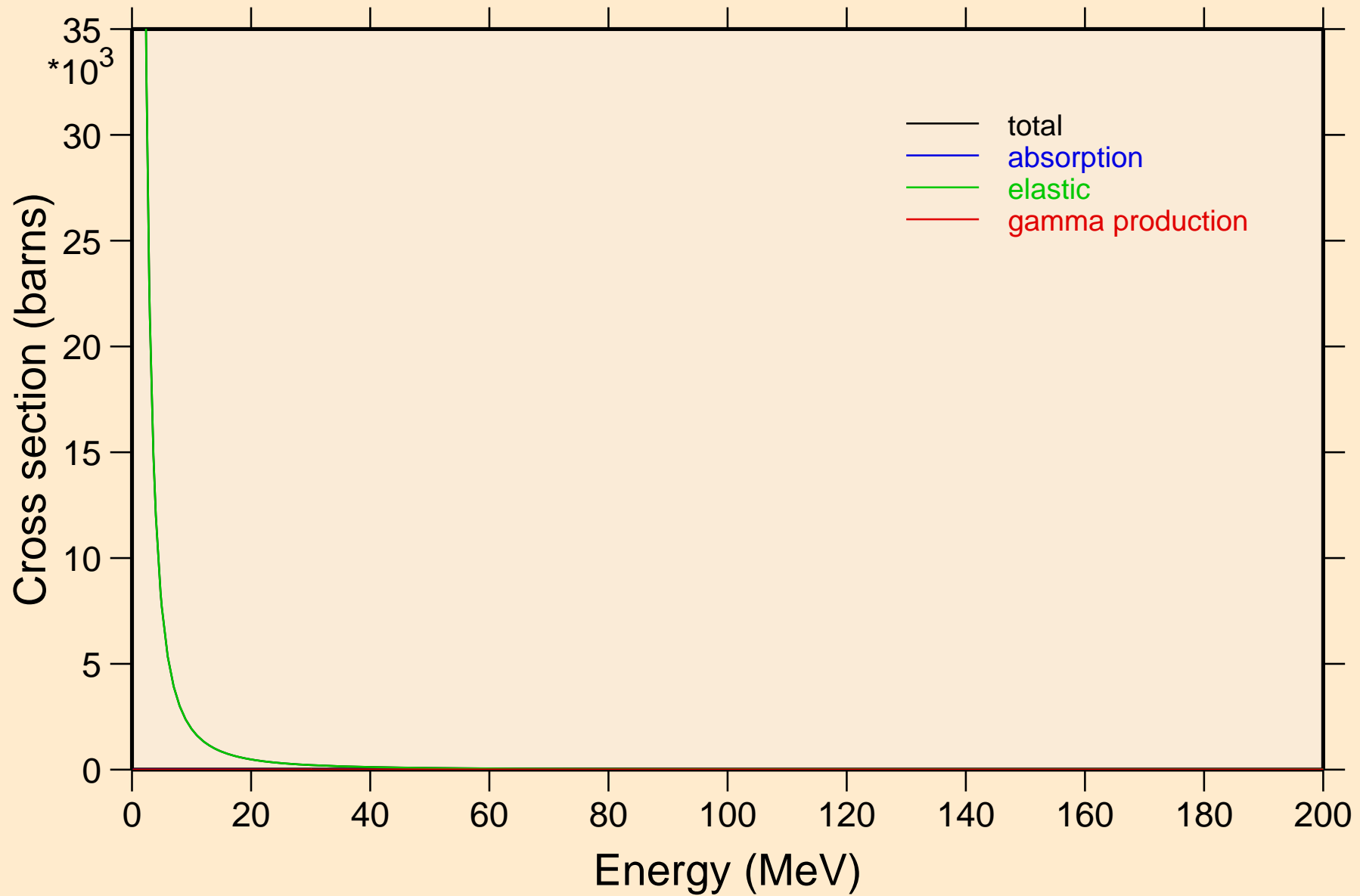
# FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



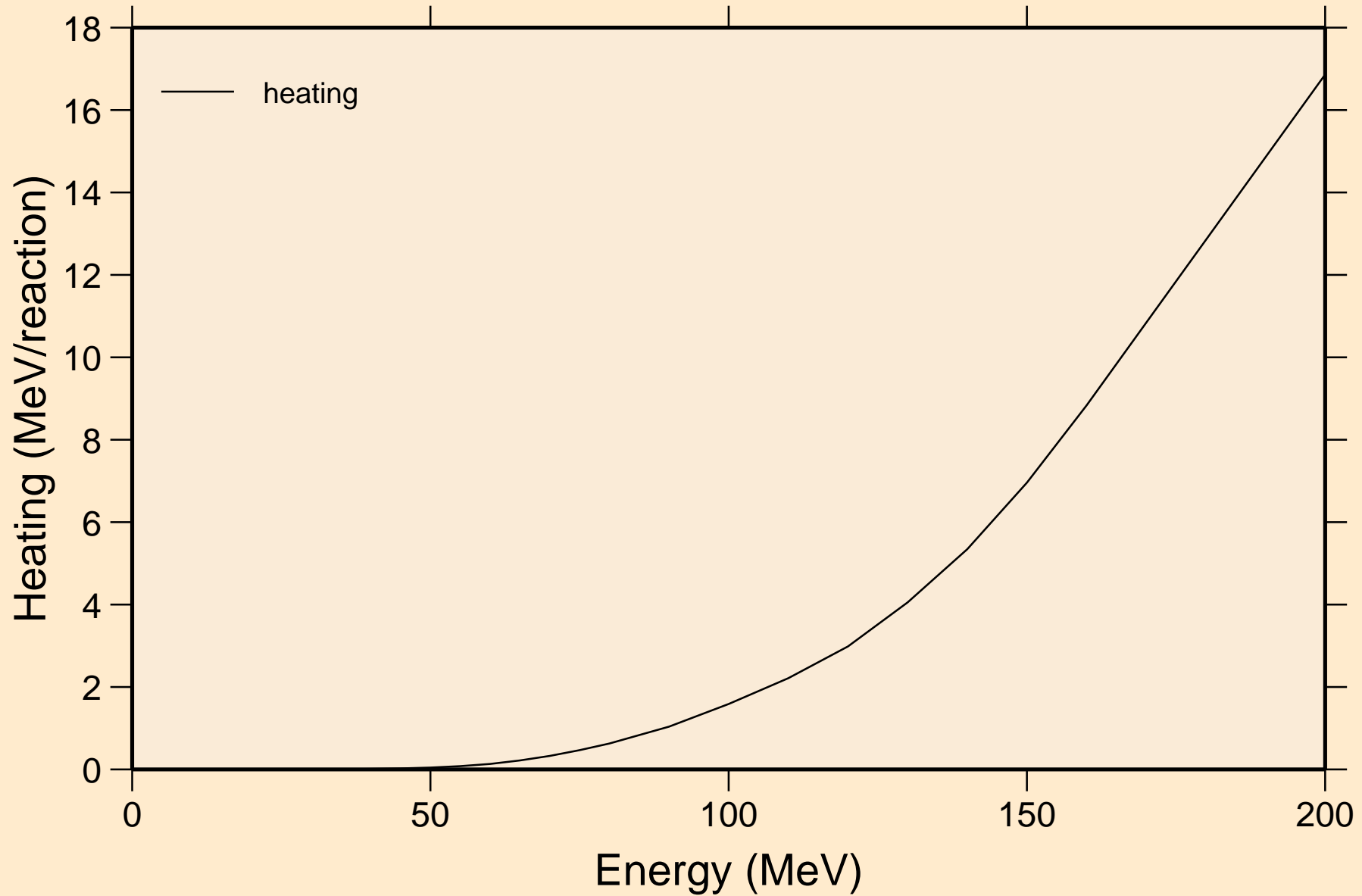
# FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

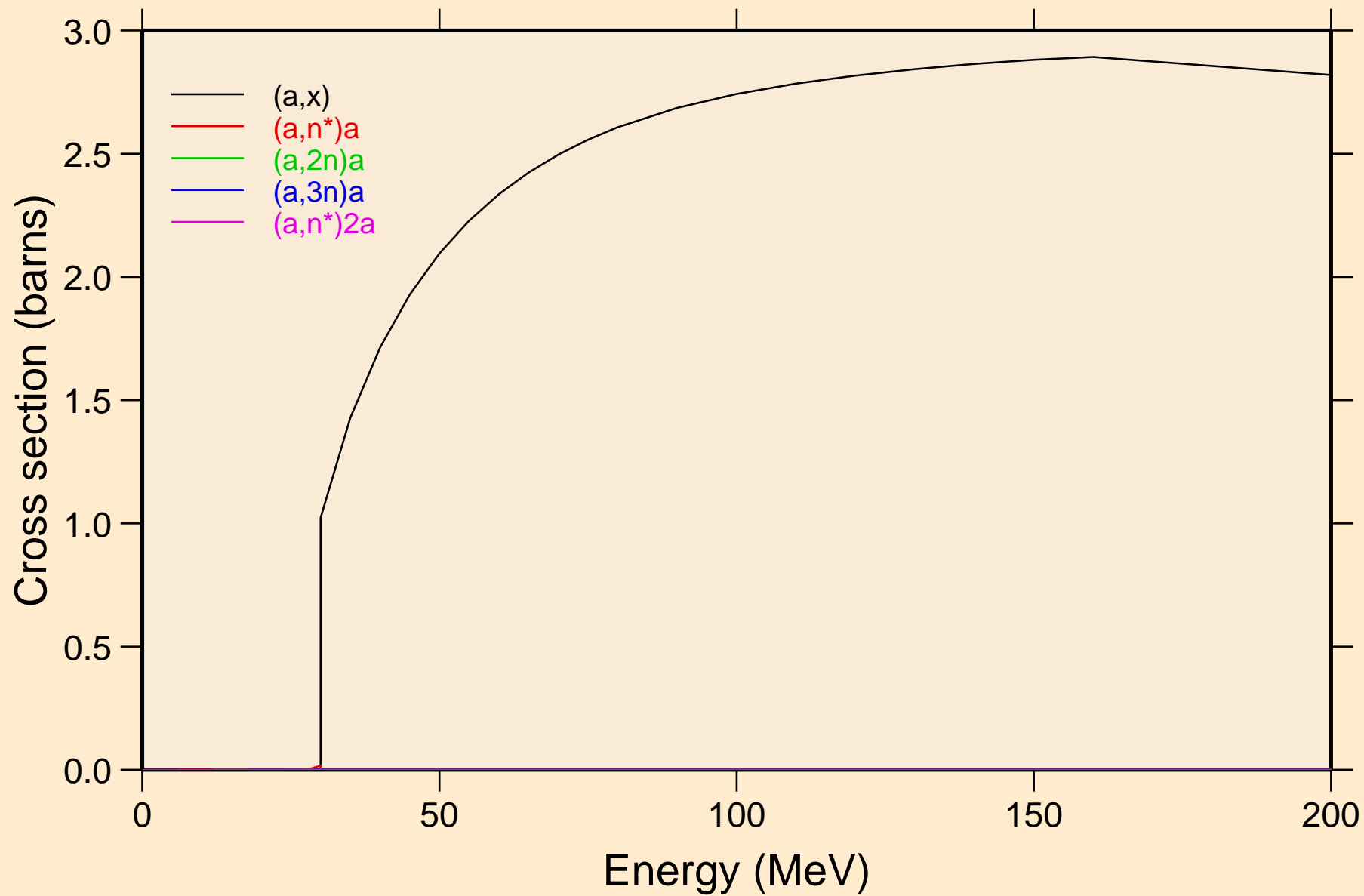


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

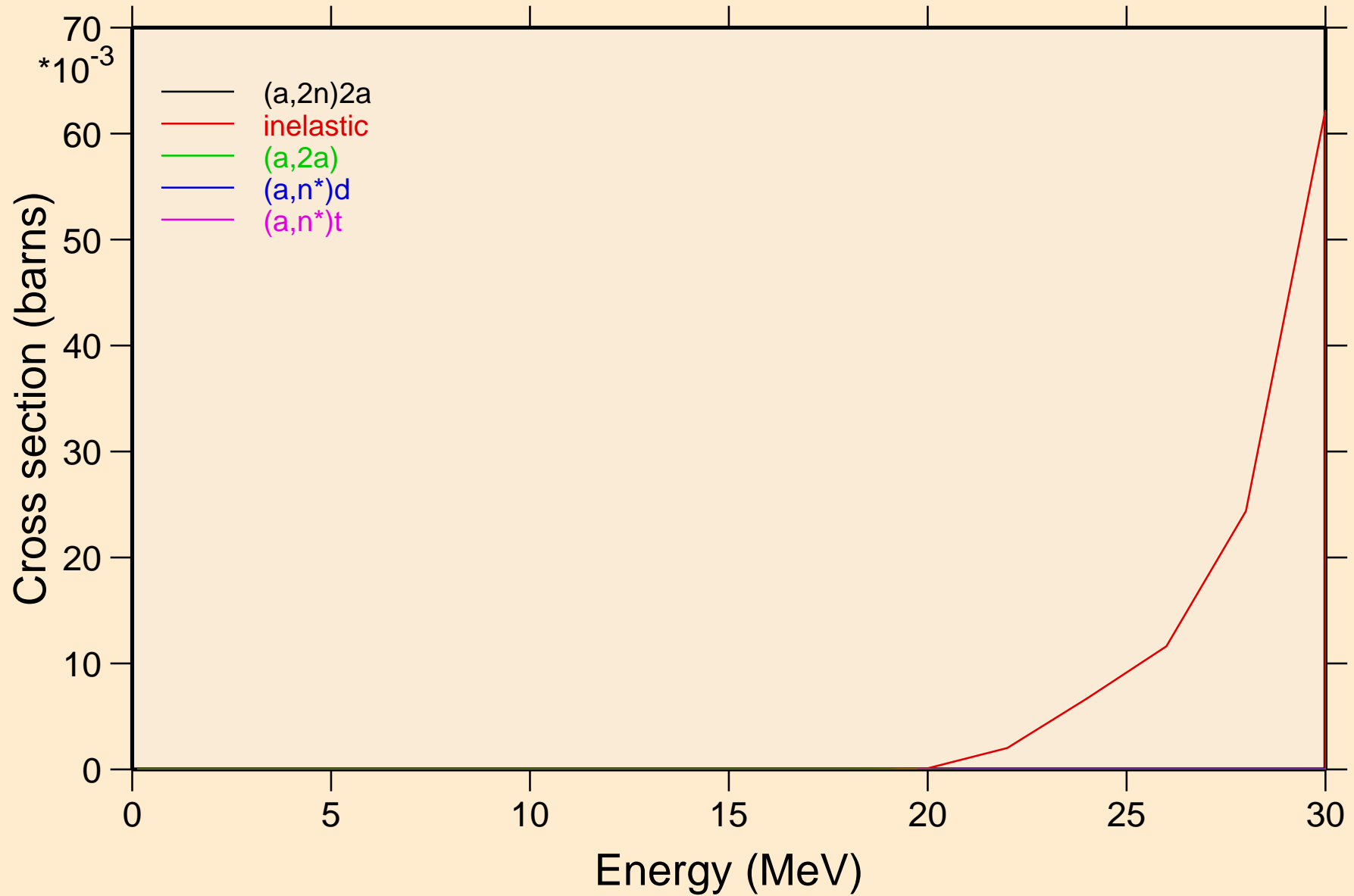
Heating



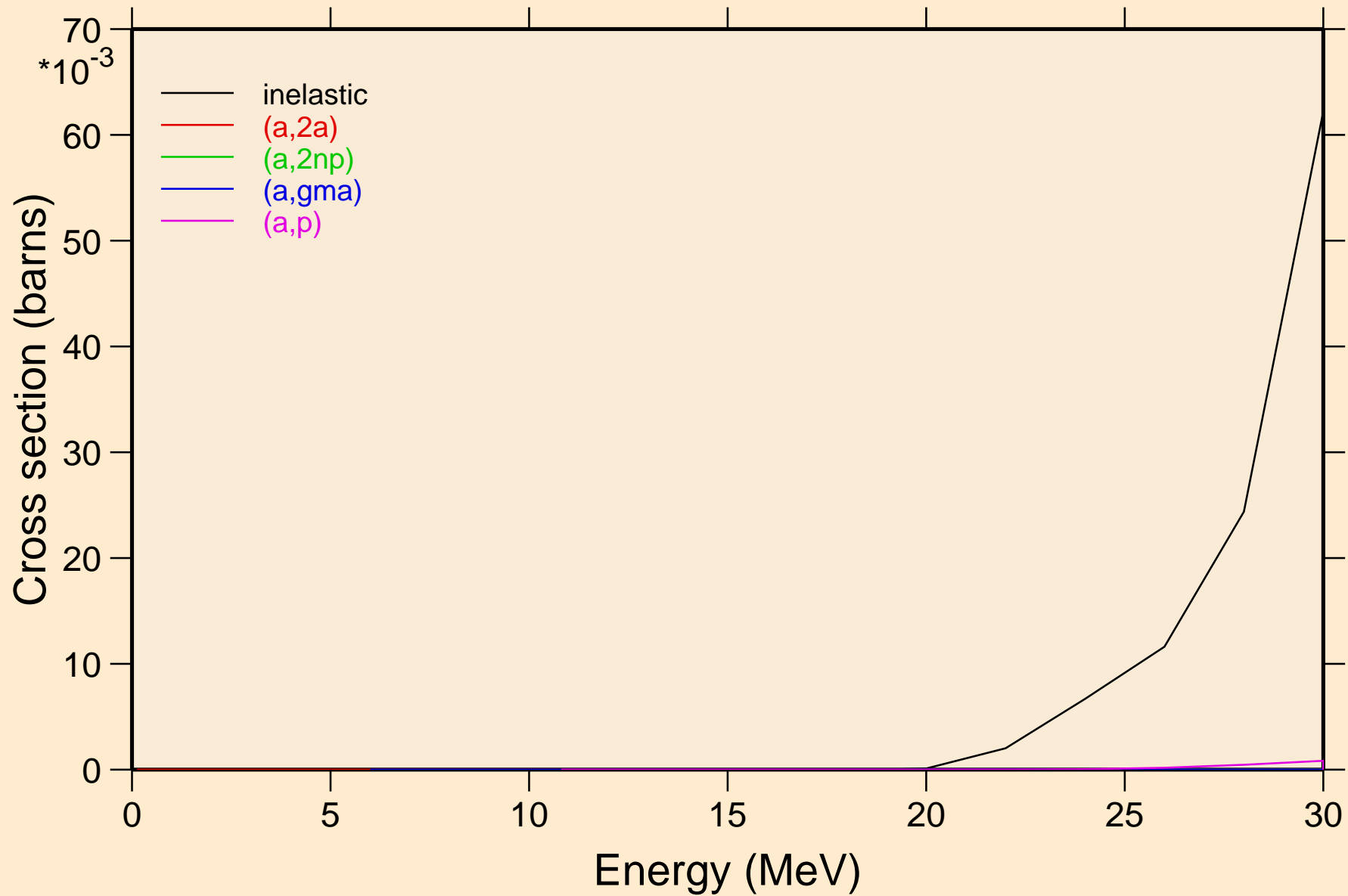
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



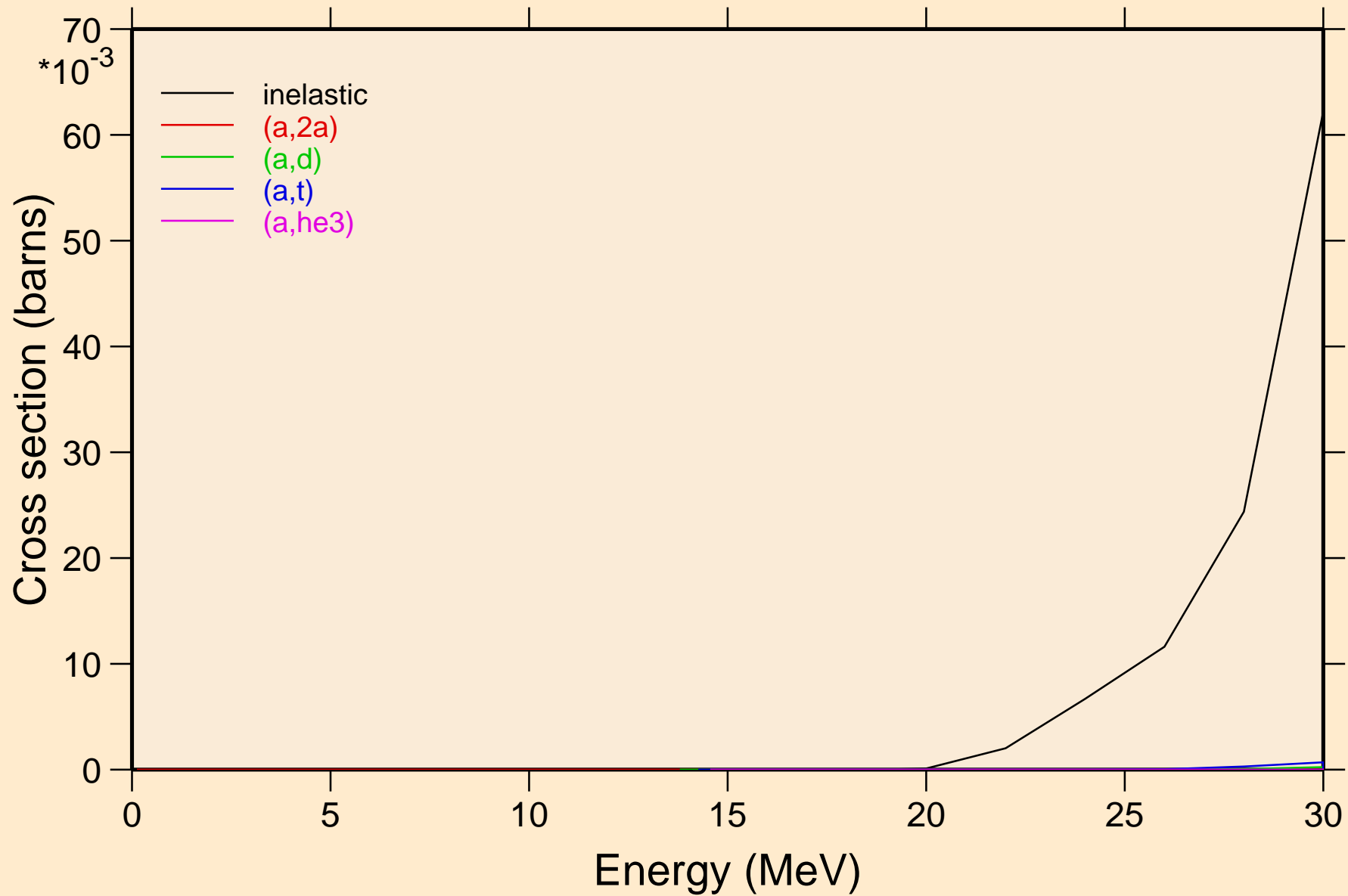
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

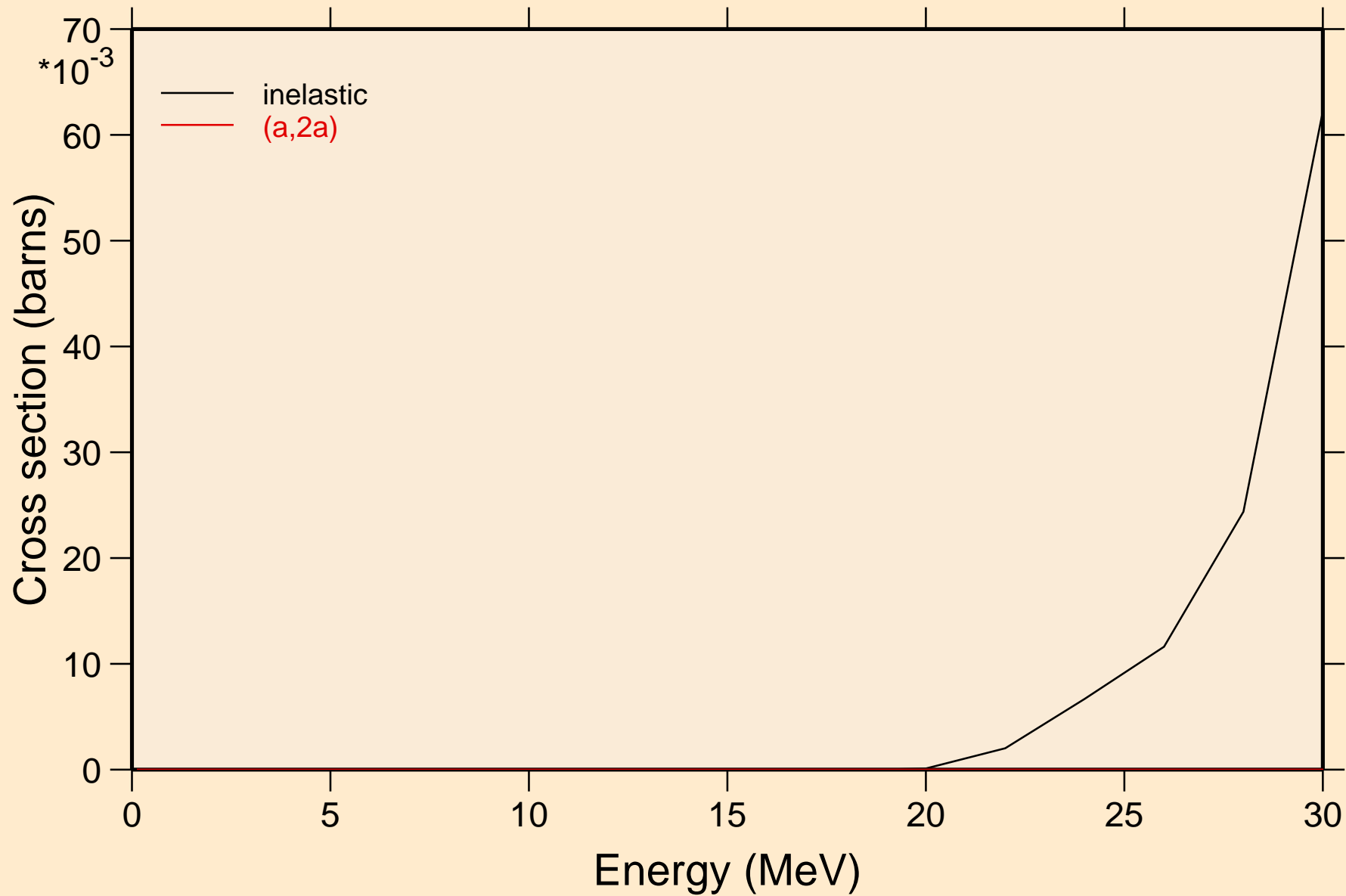


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

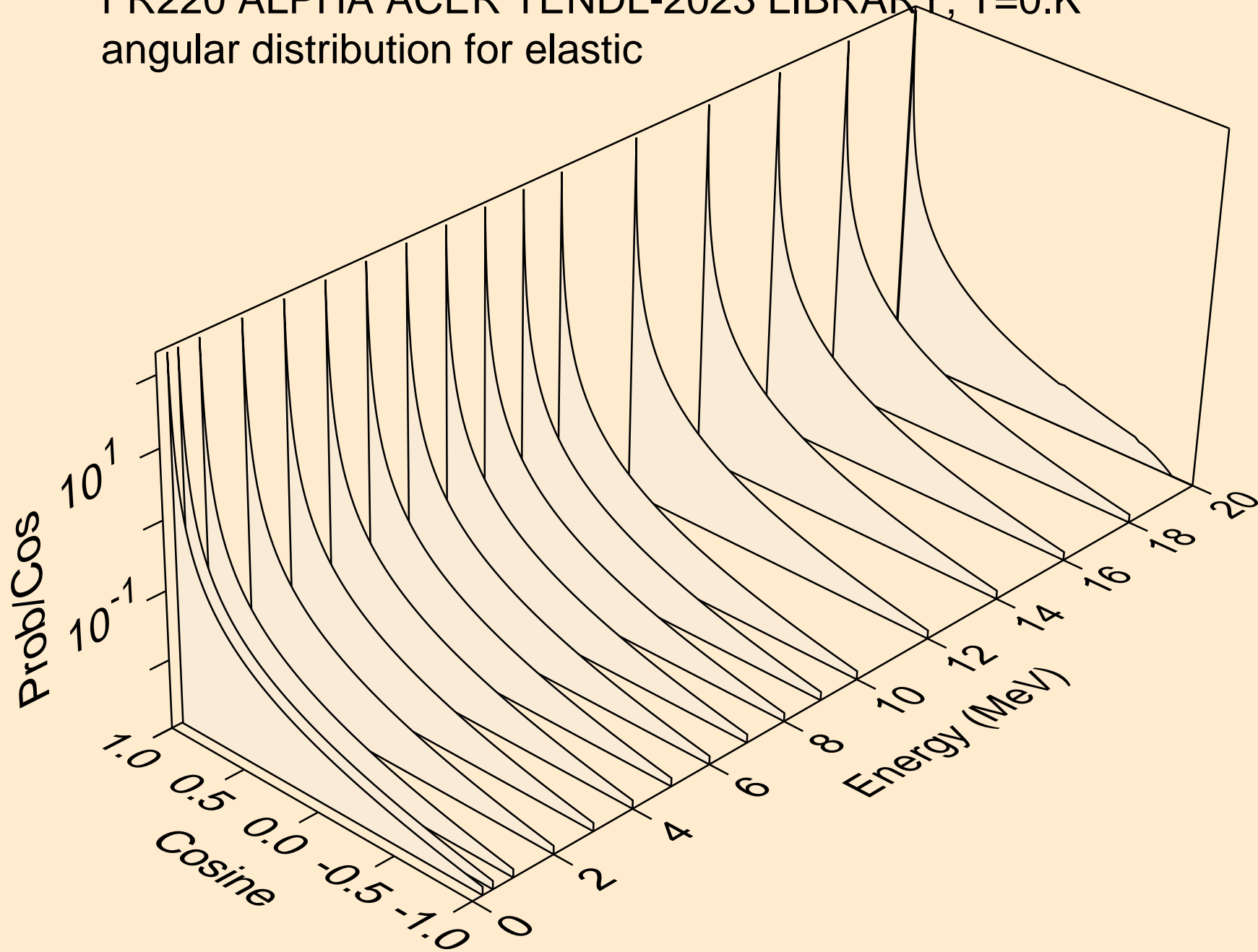




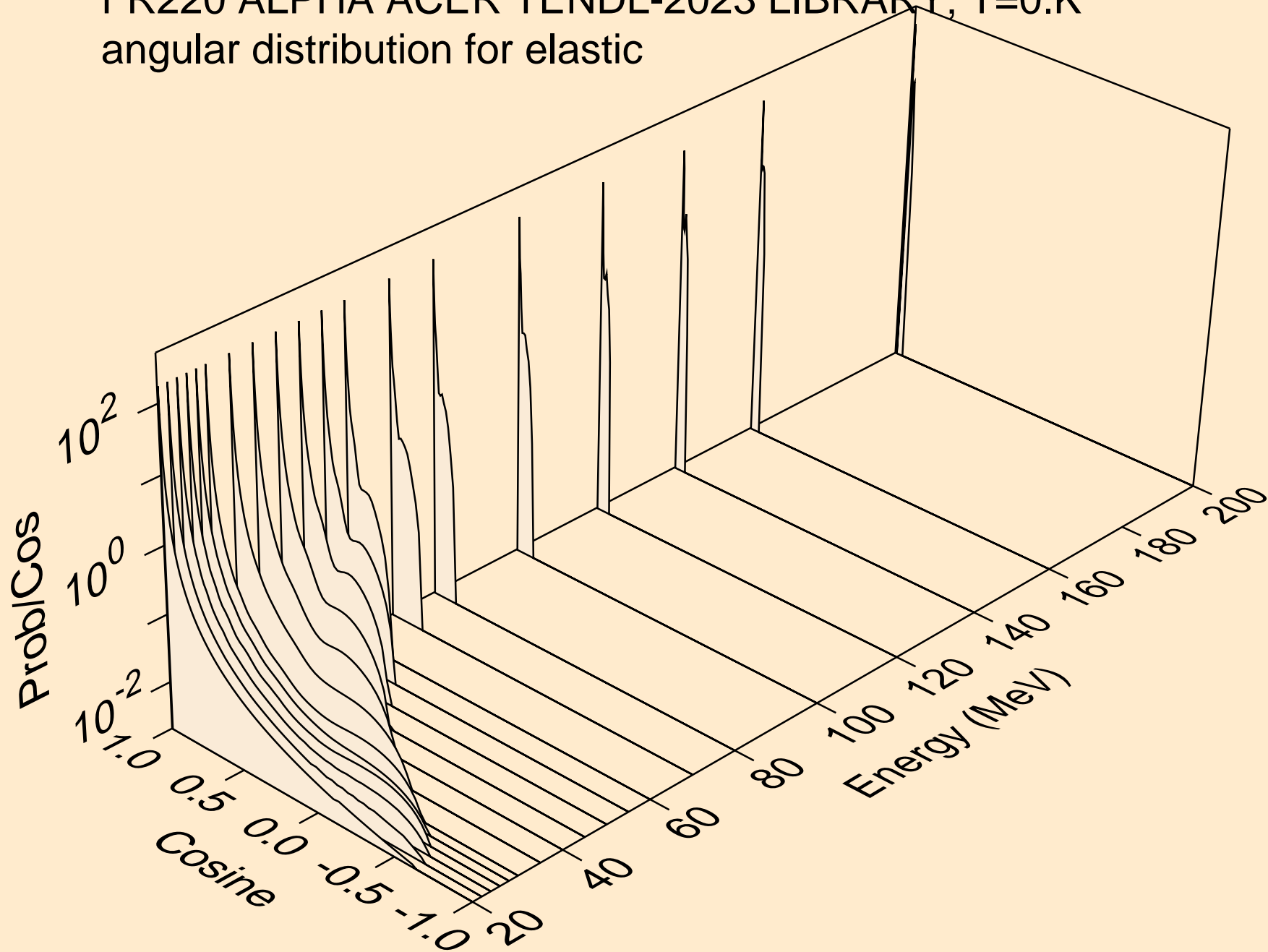
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

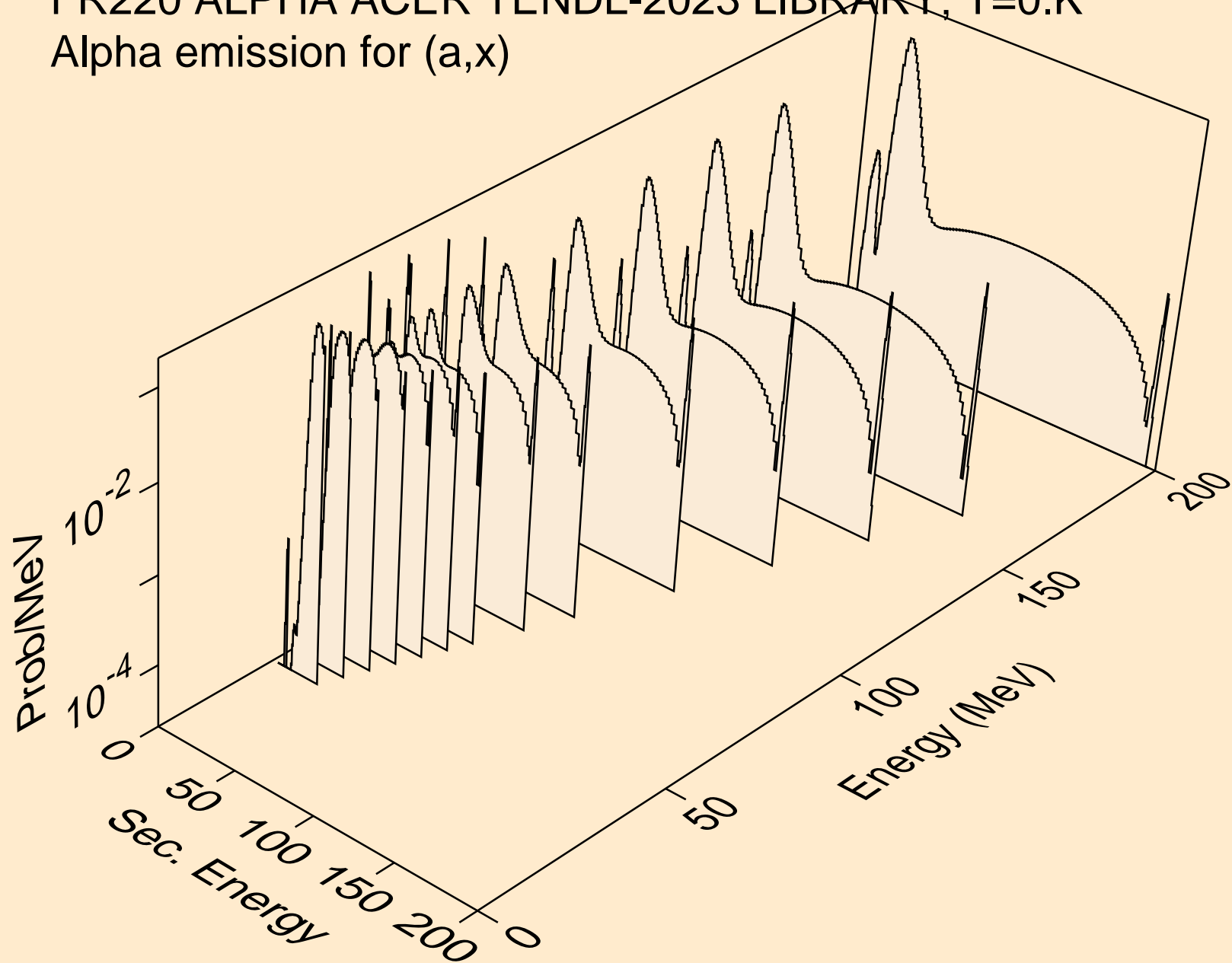


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

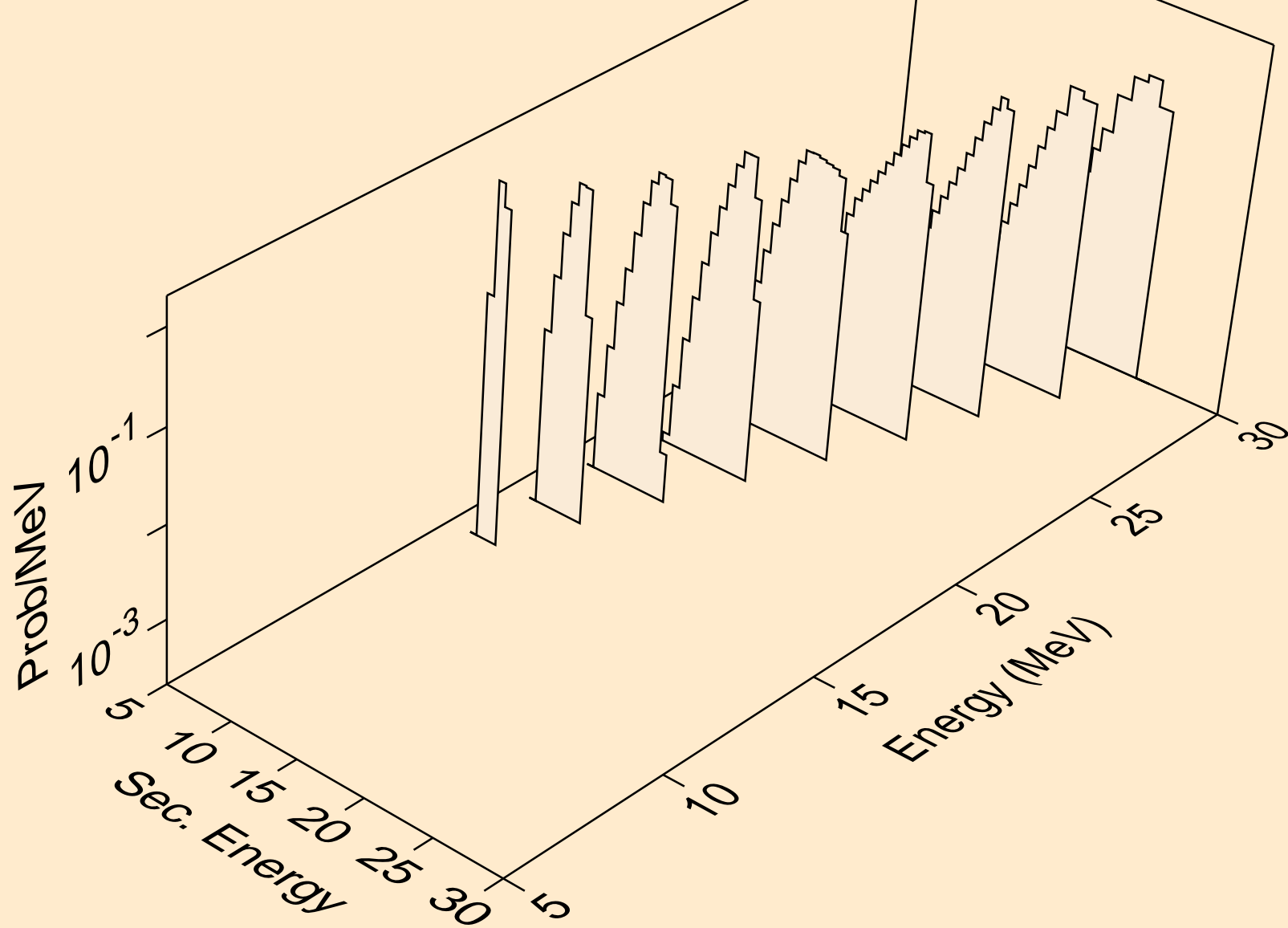


# FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

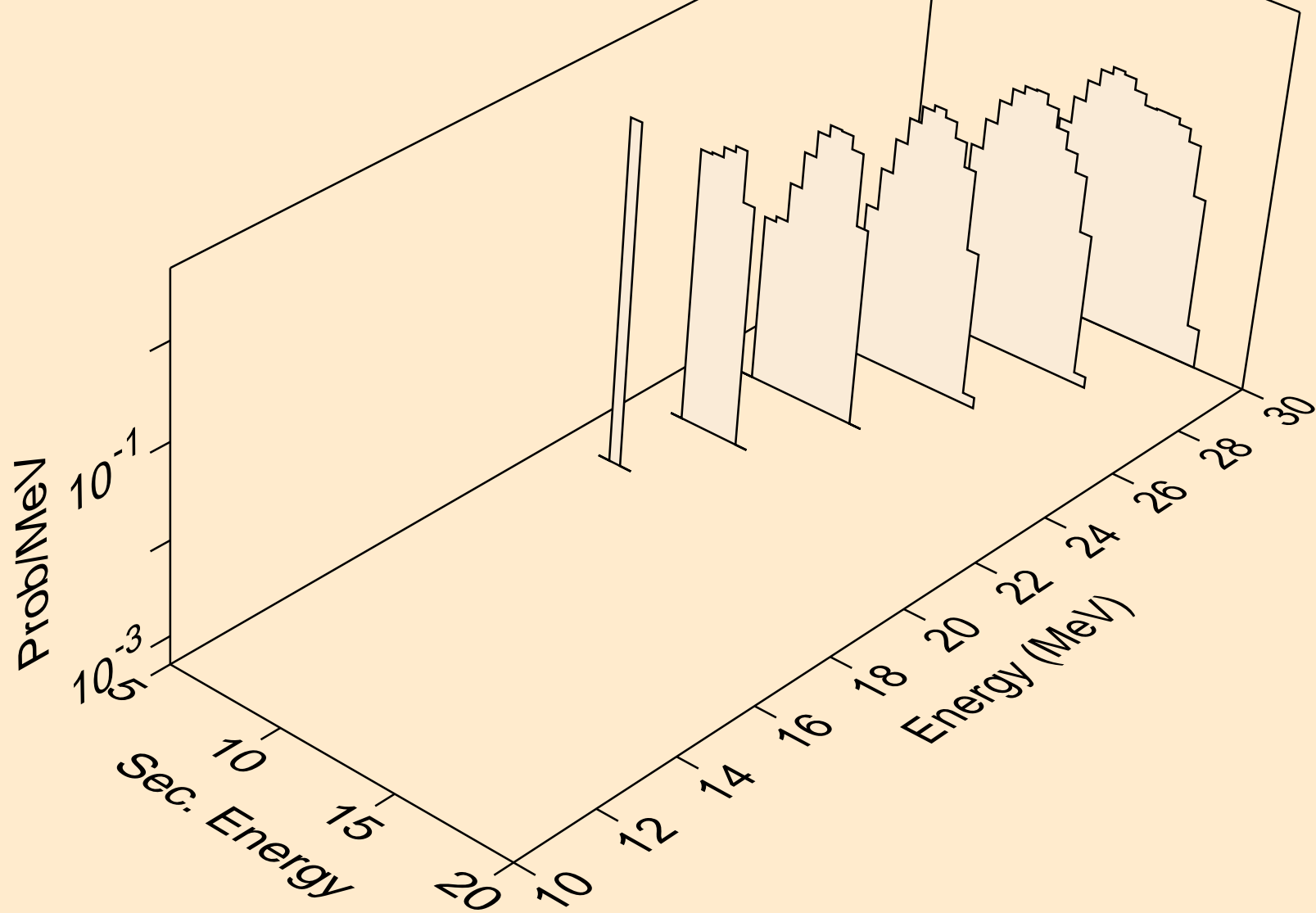
Alpha emission for (a,x)



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

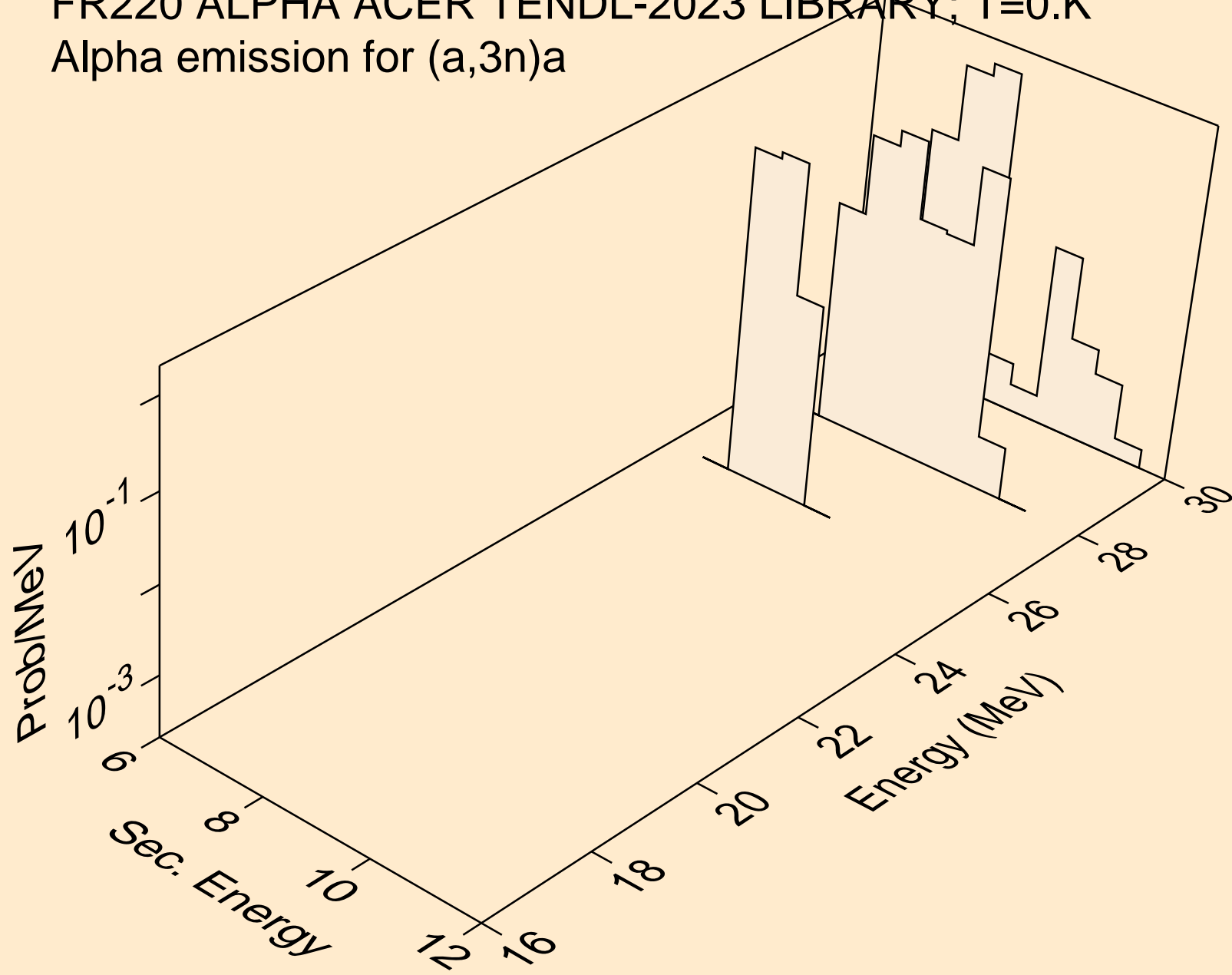


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

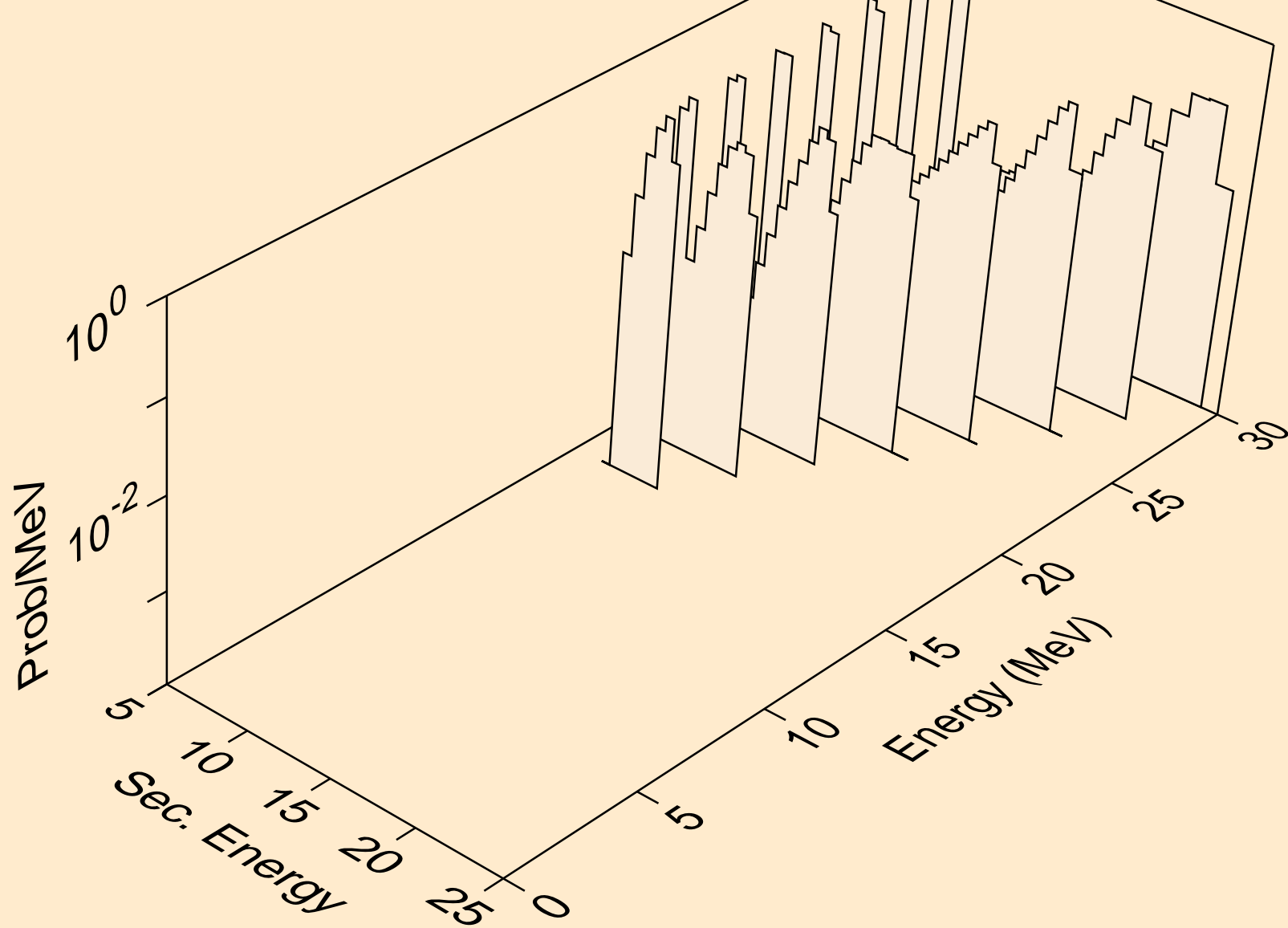


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,3n)a



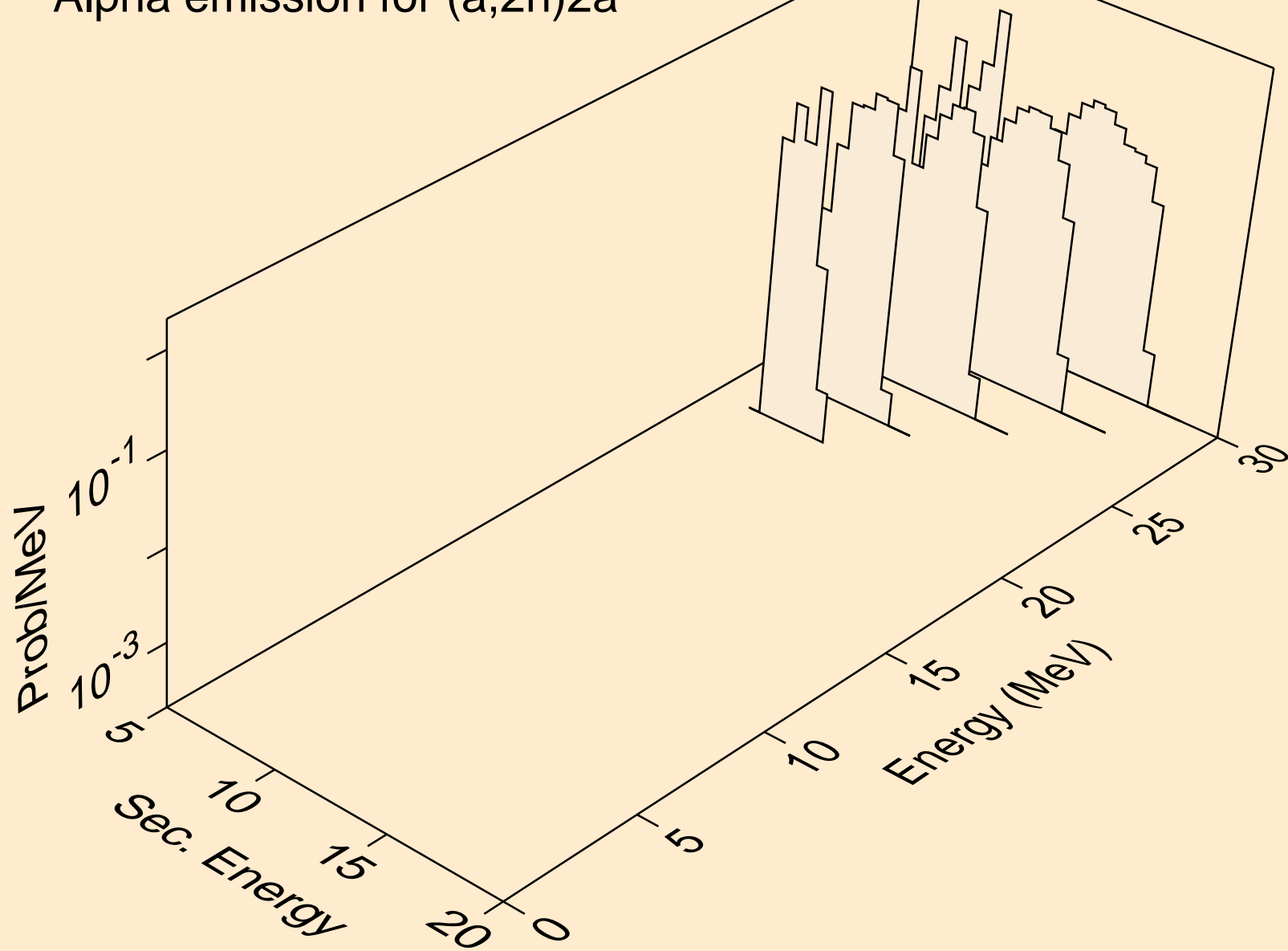
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



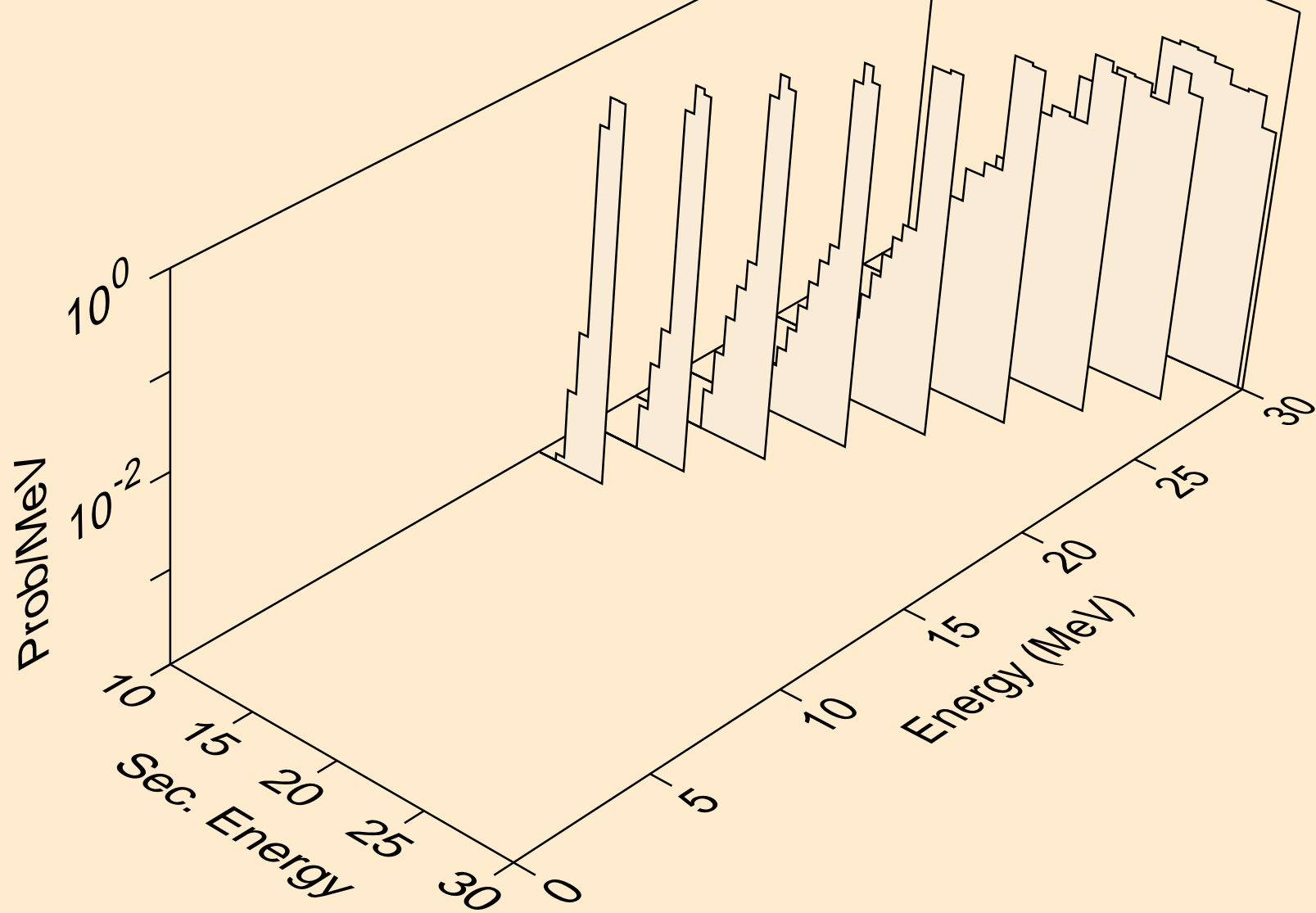


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

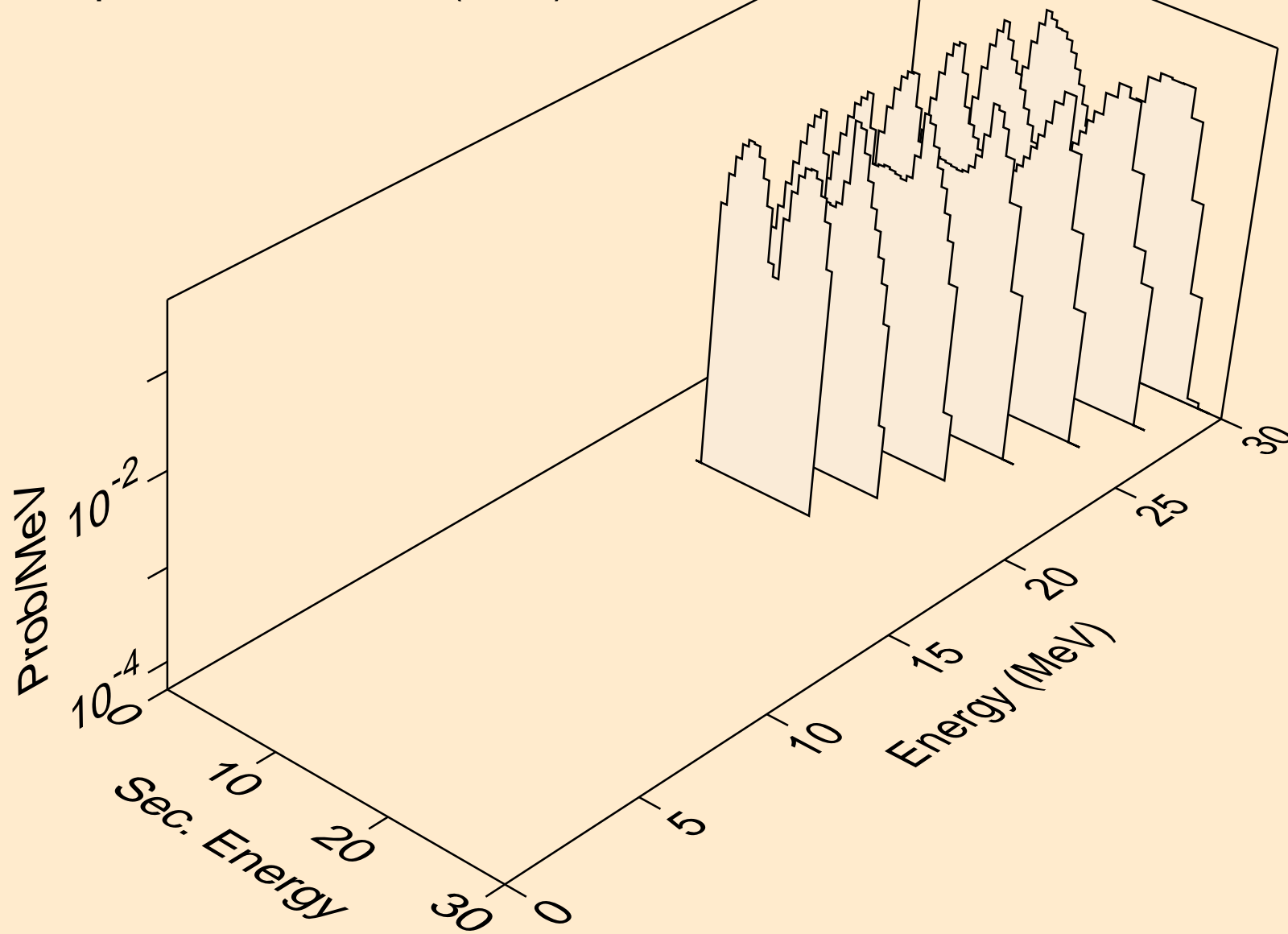
Alpha emission for (a,2n)2a



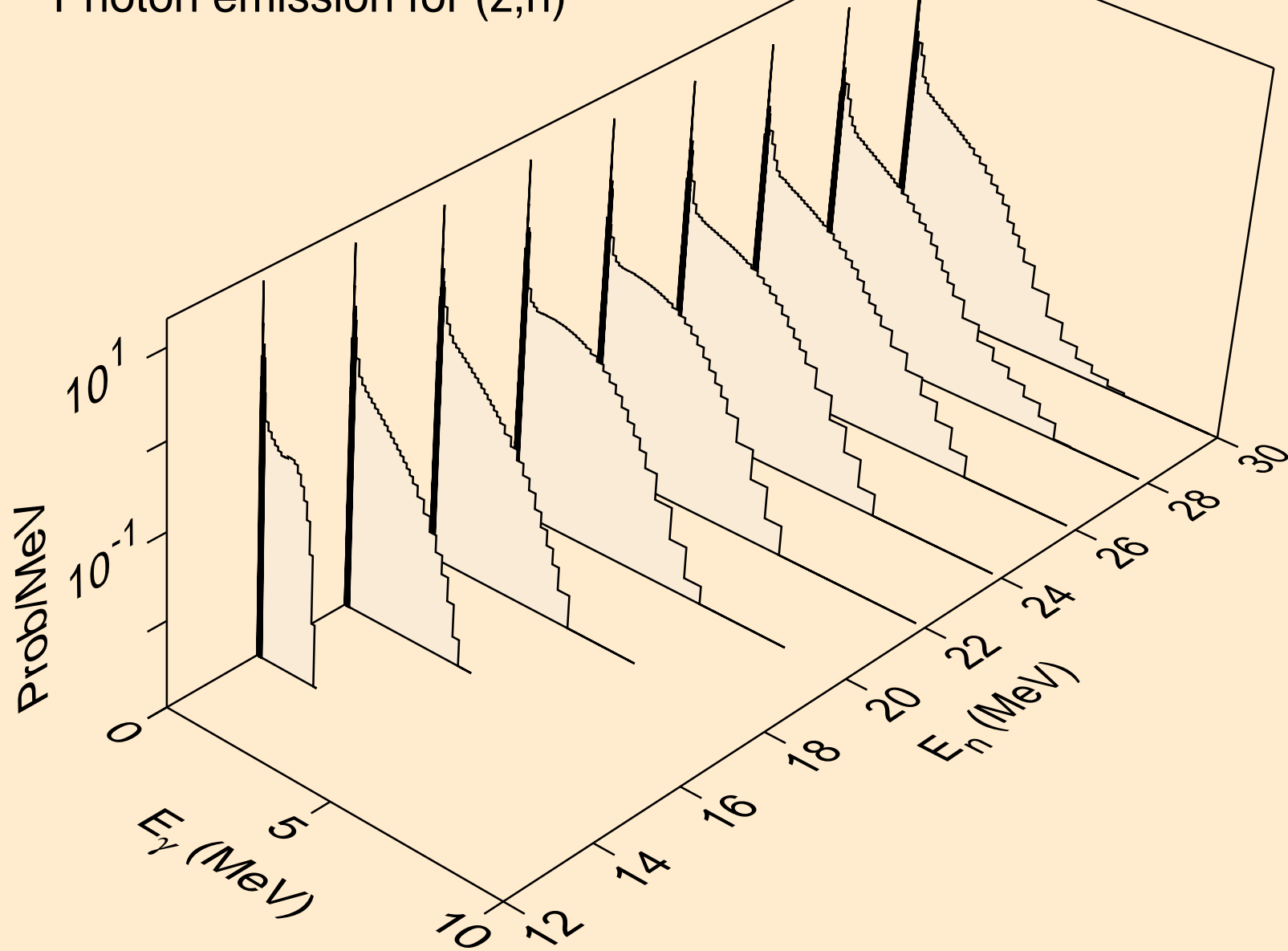
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



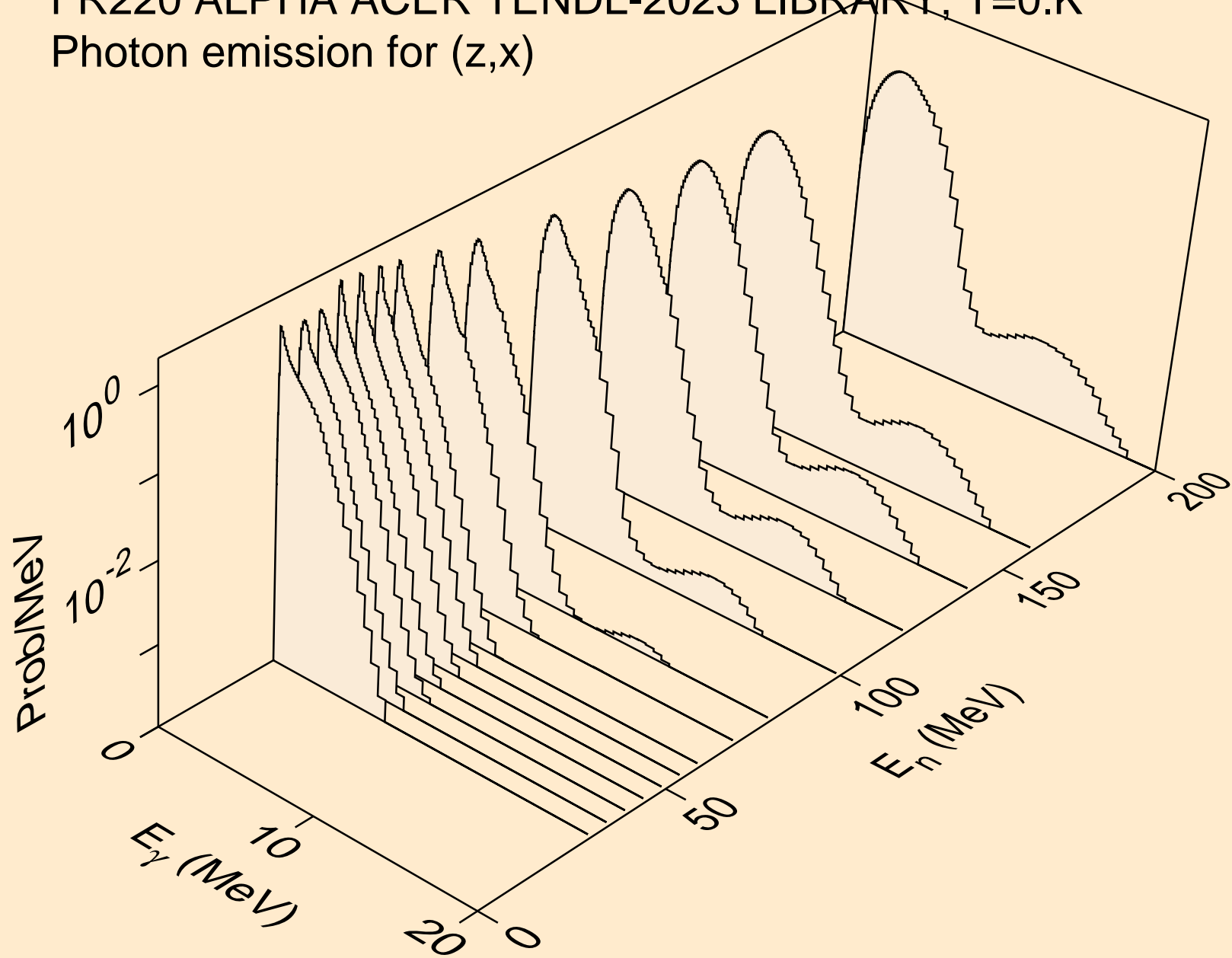
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



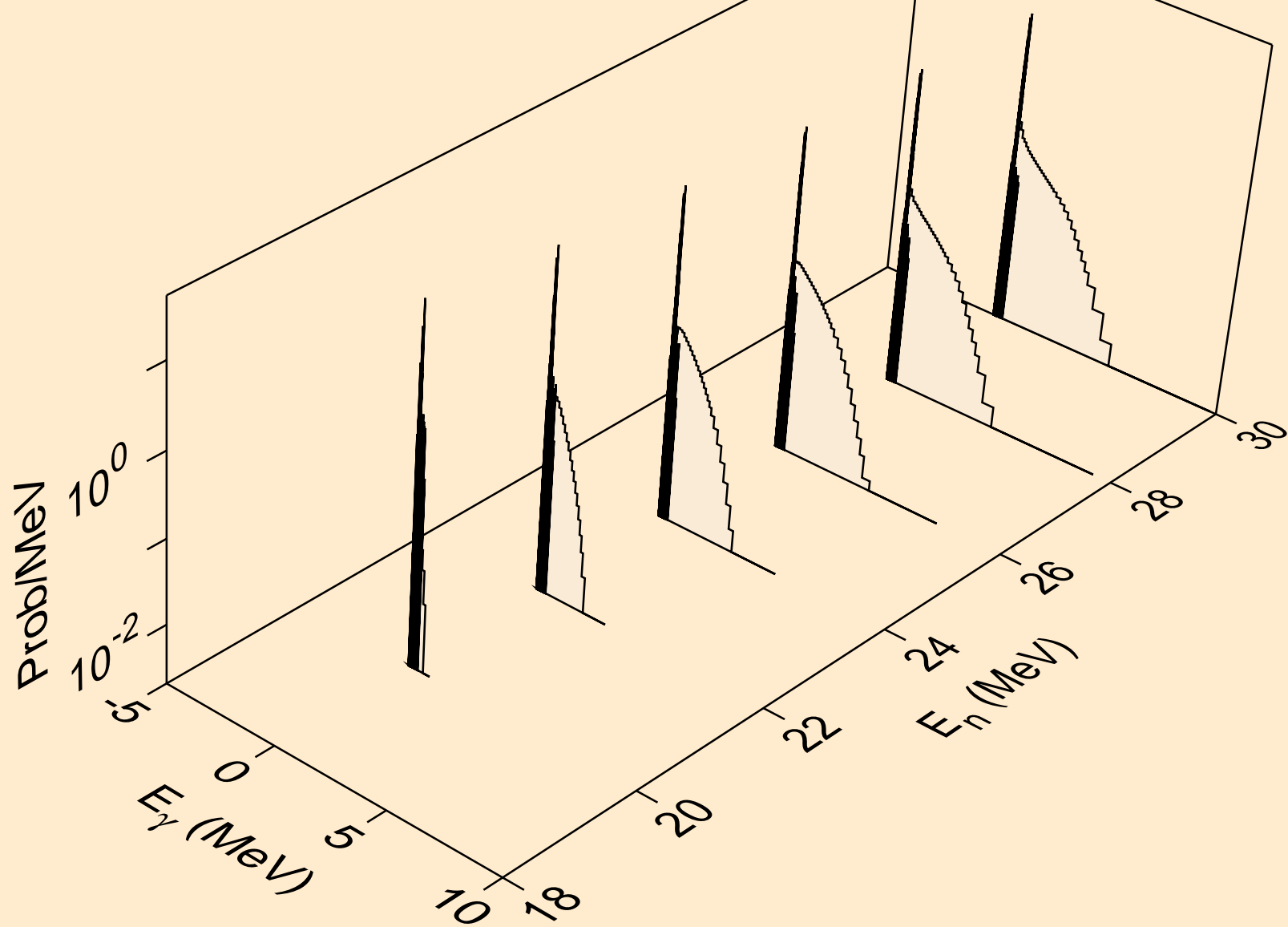
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



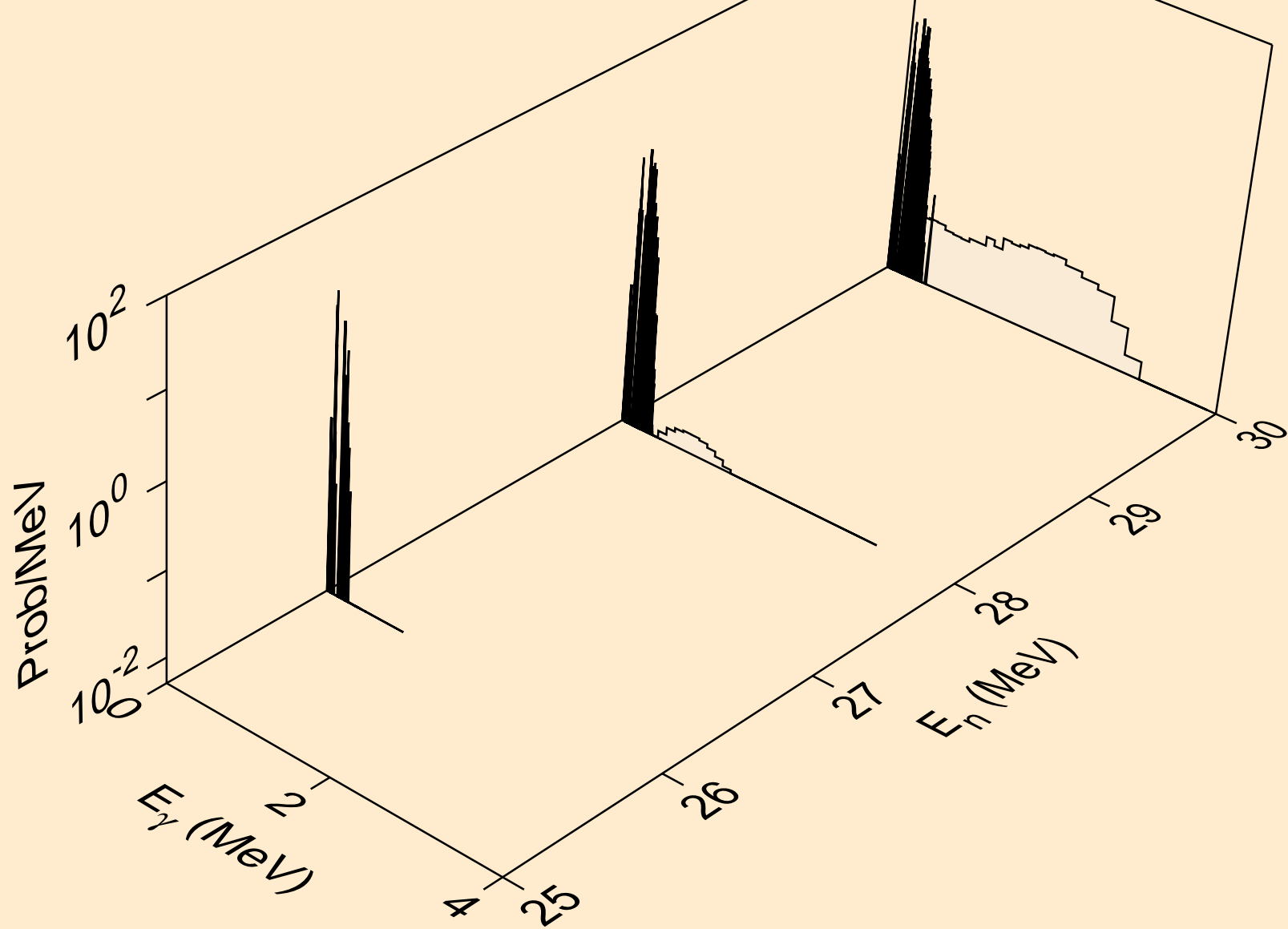
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



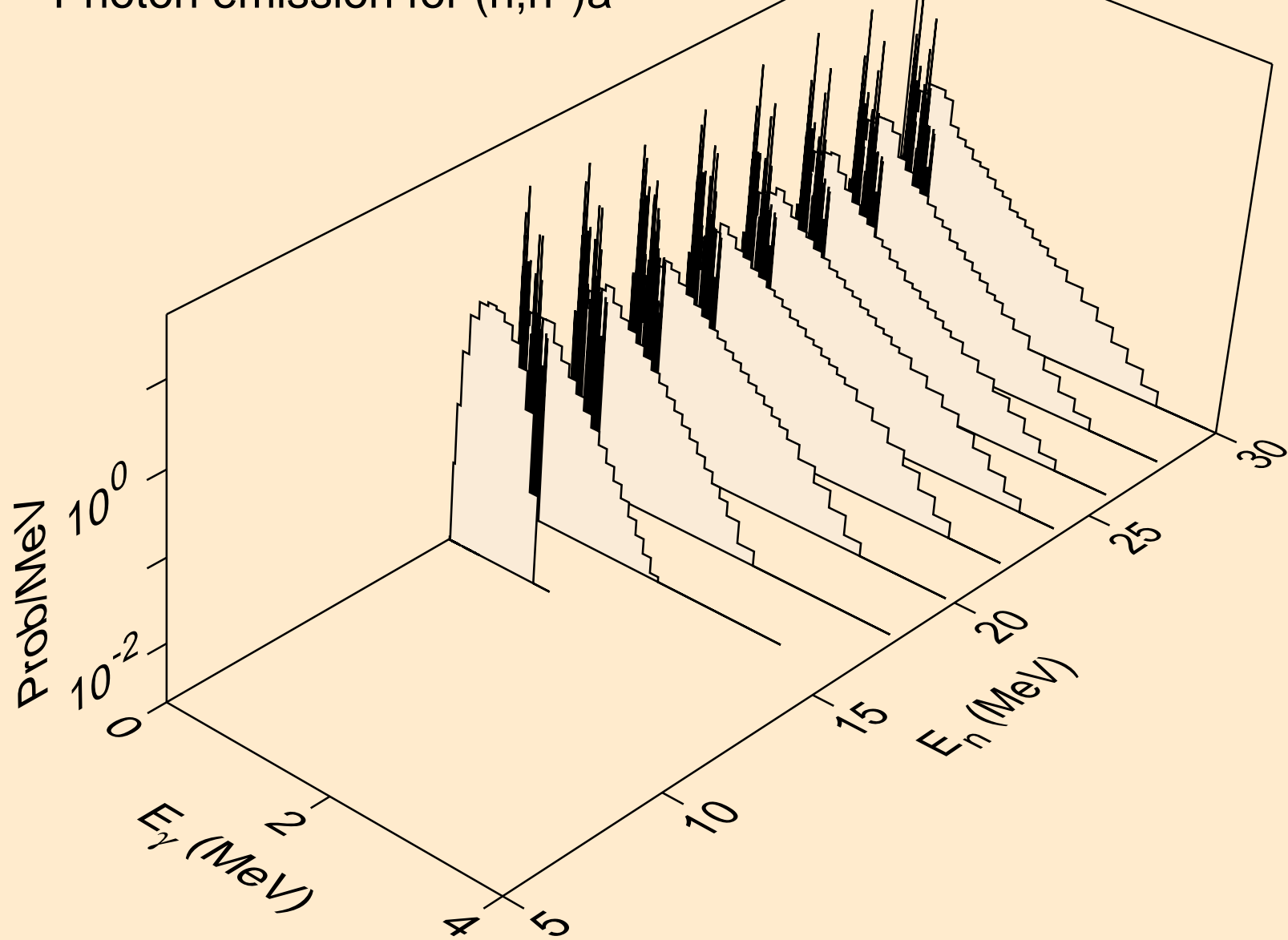
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

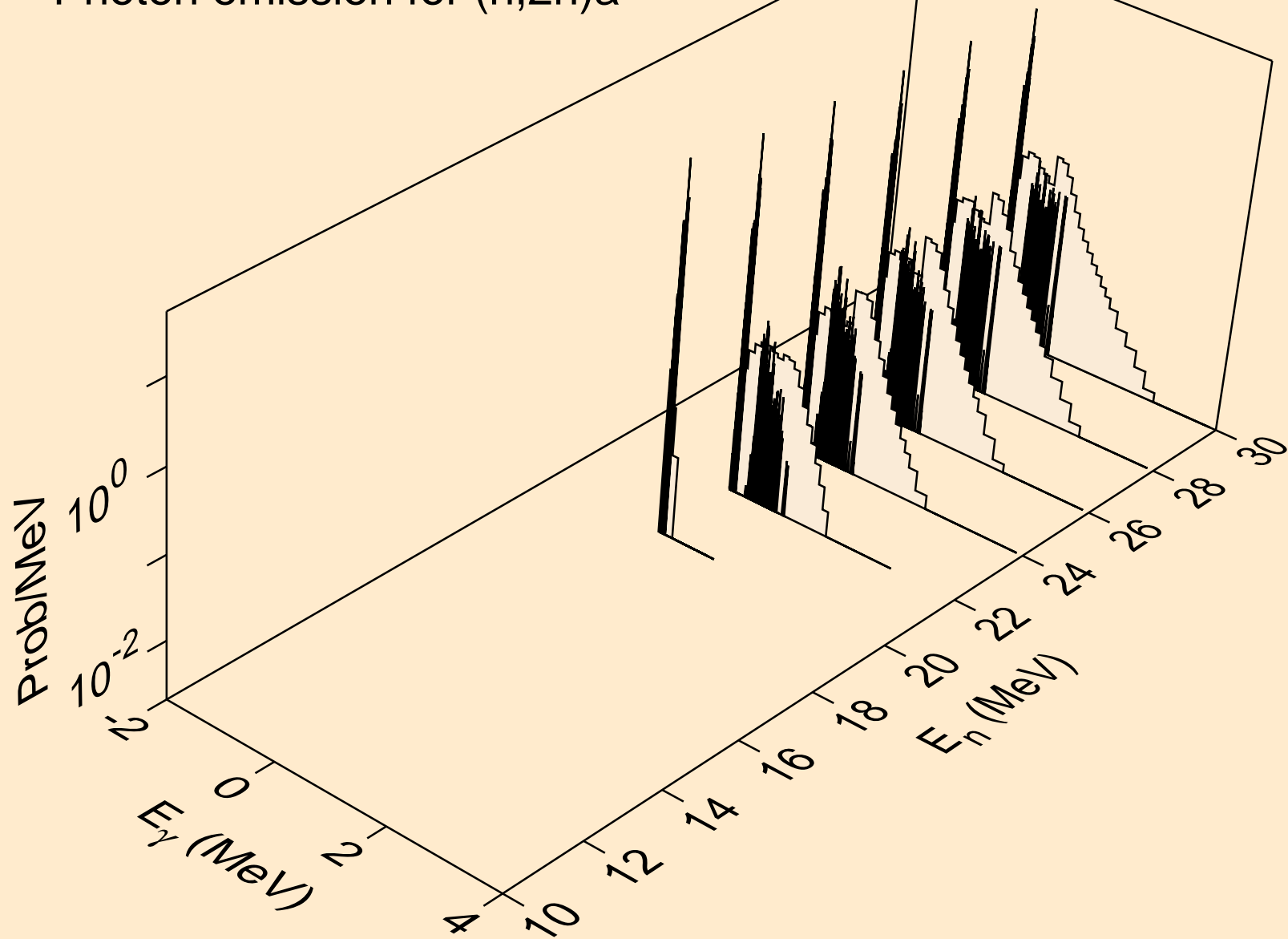


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

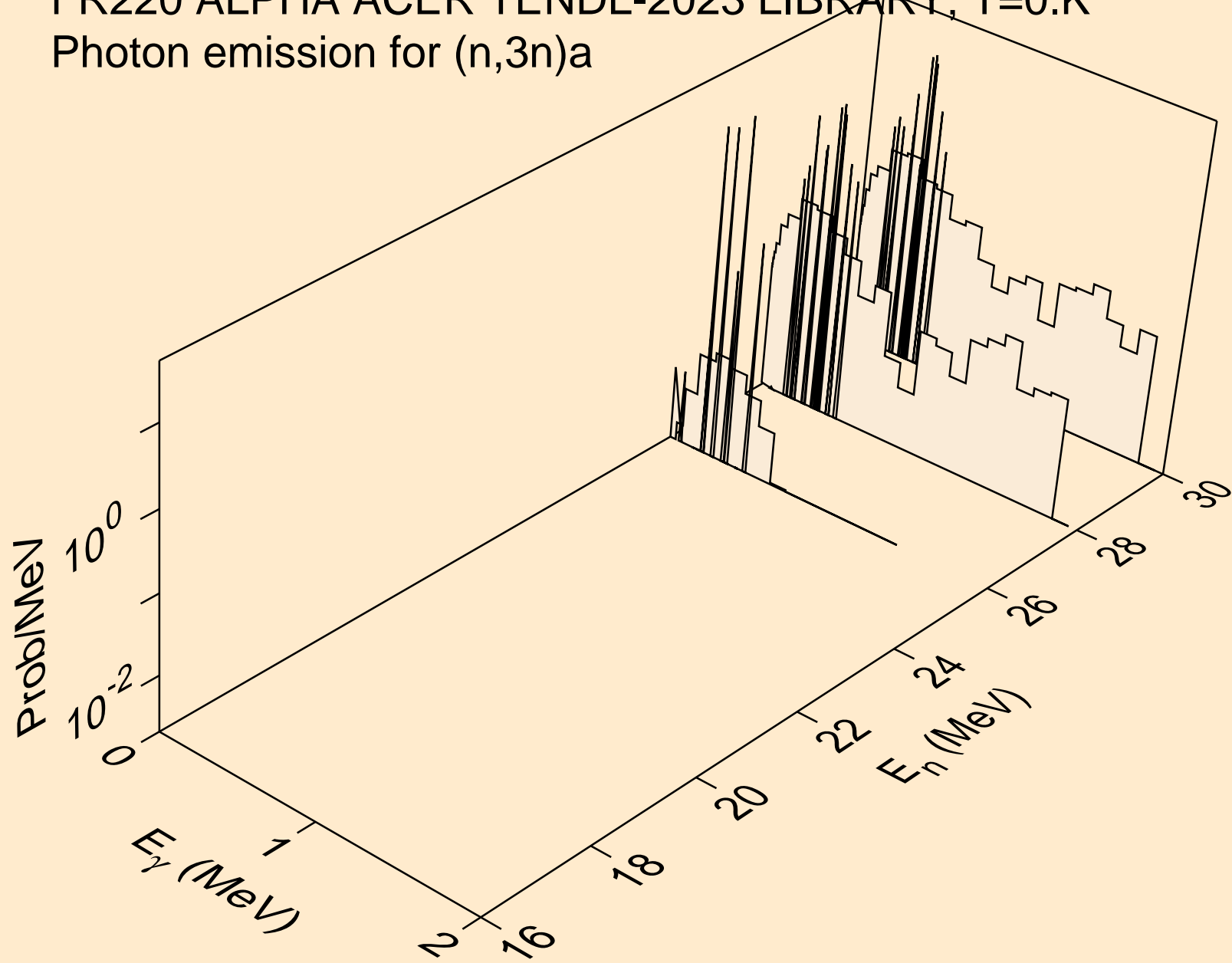




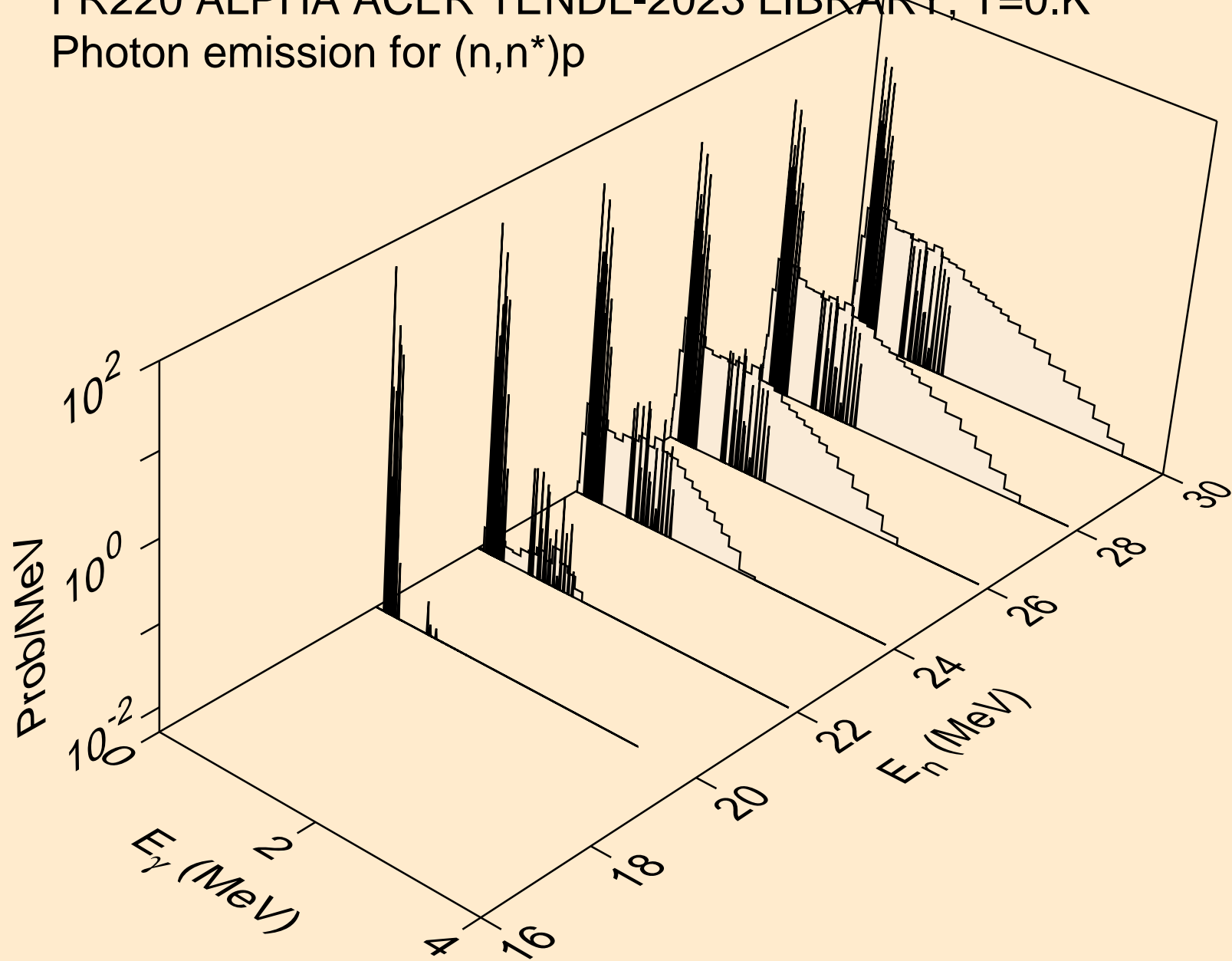
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



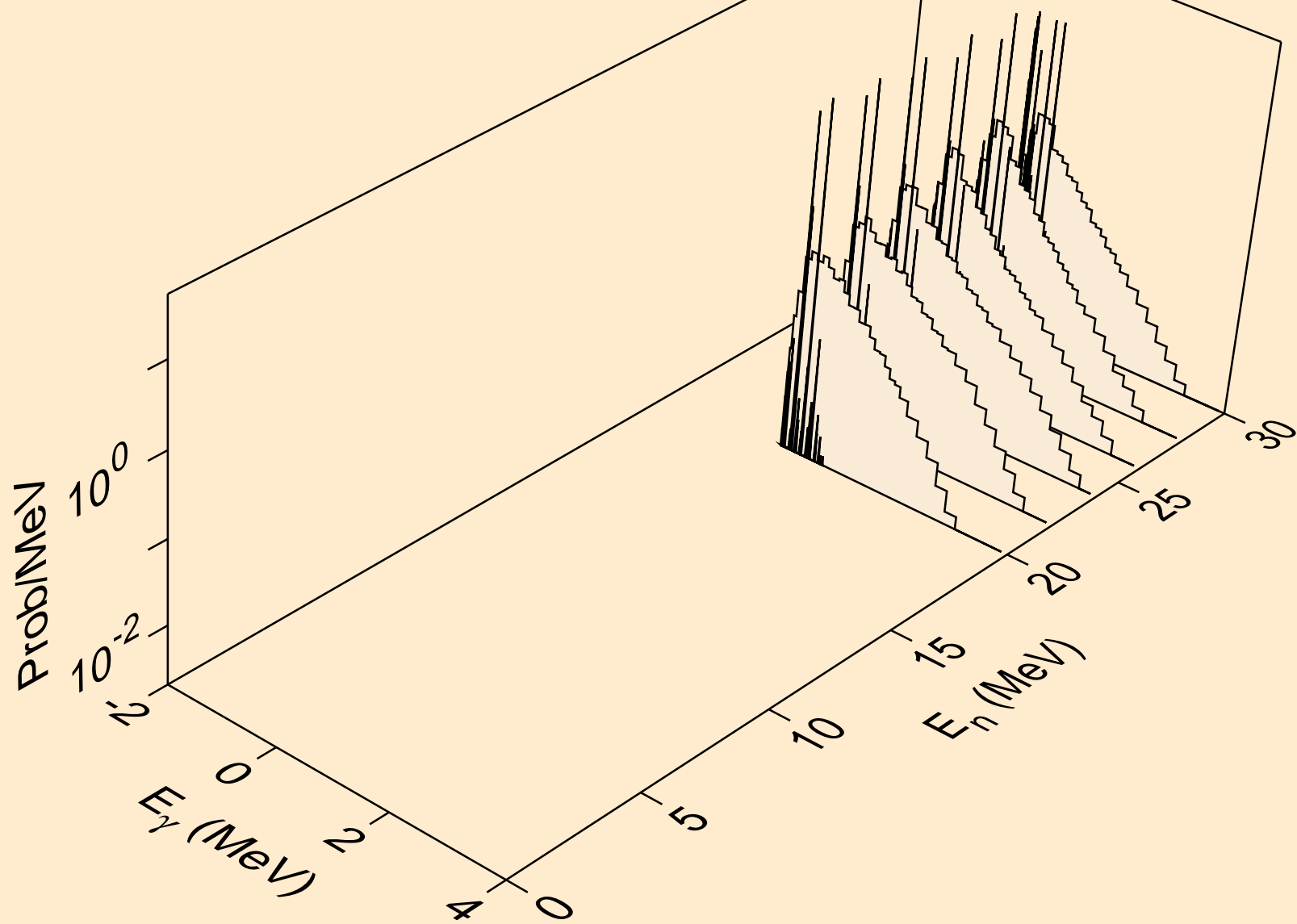
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



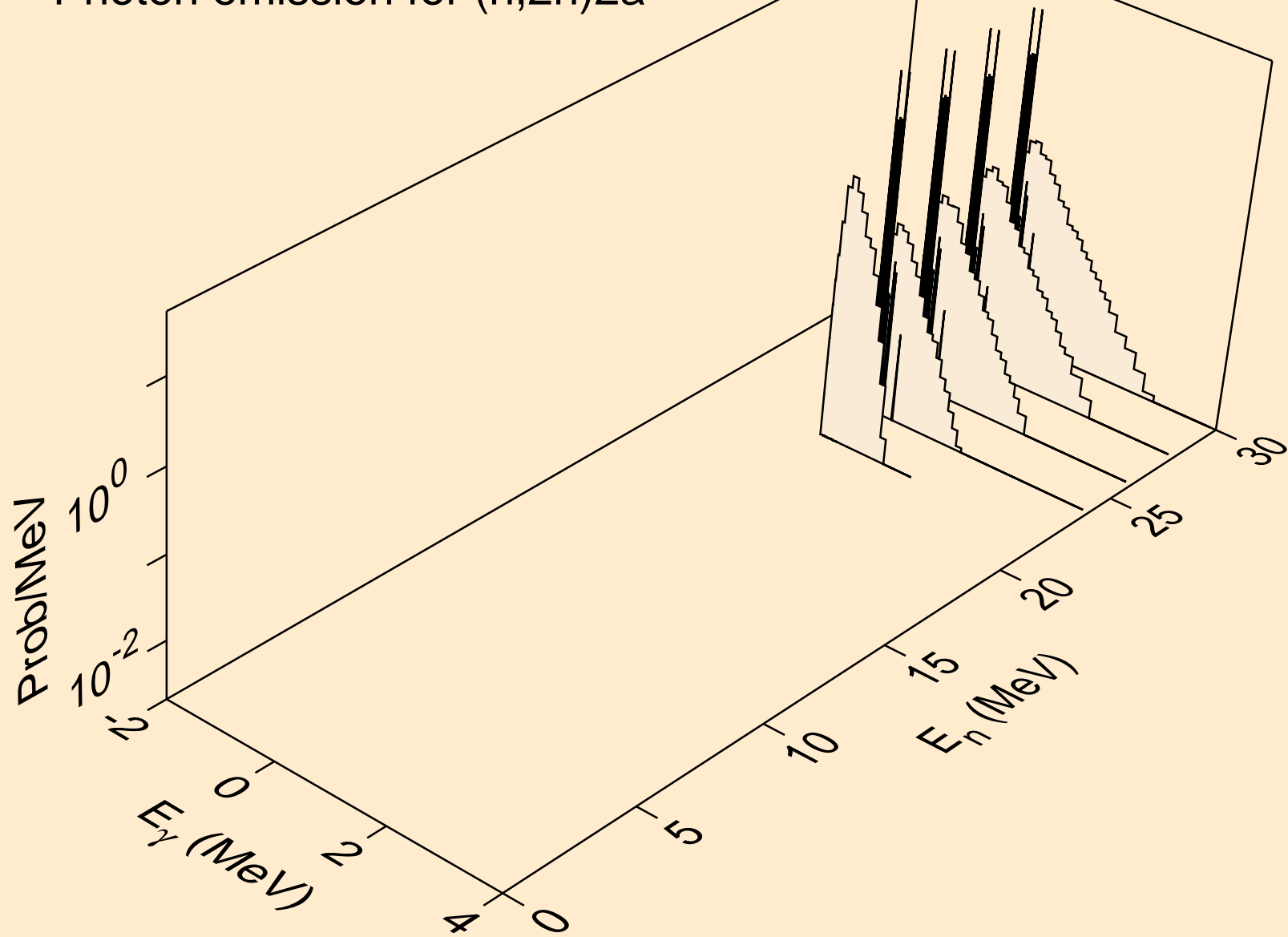
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



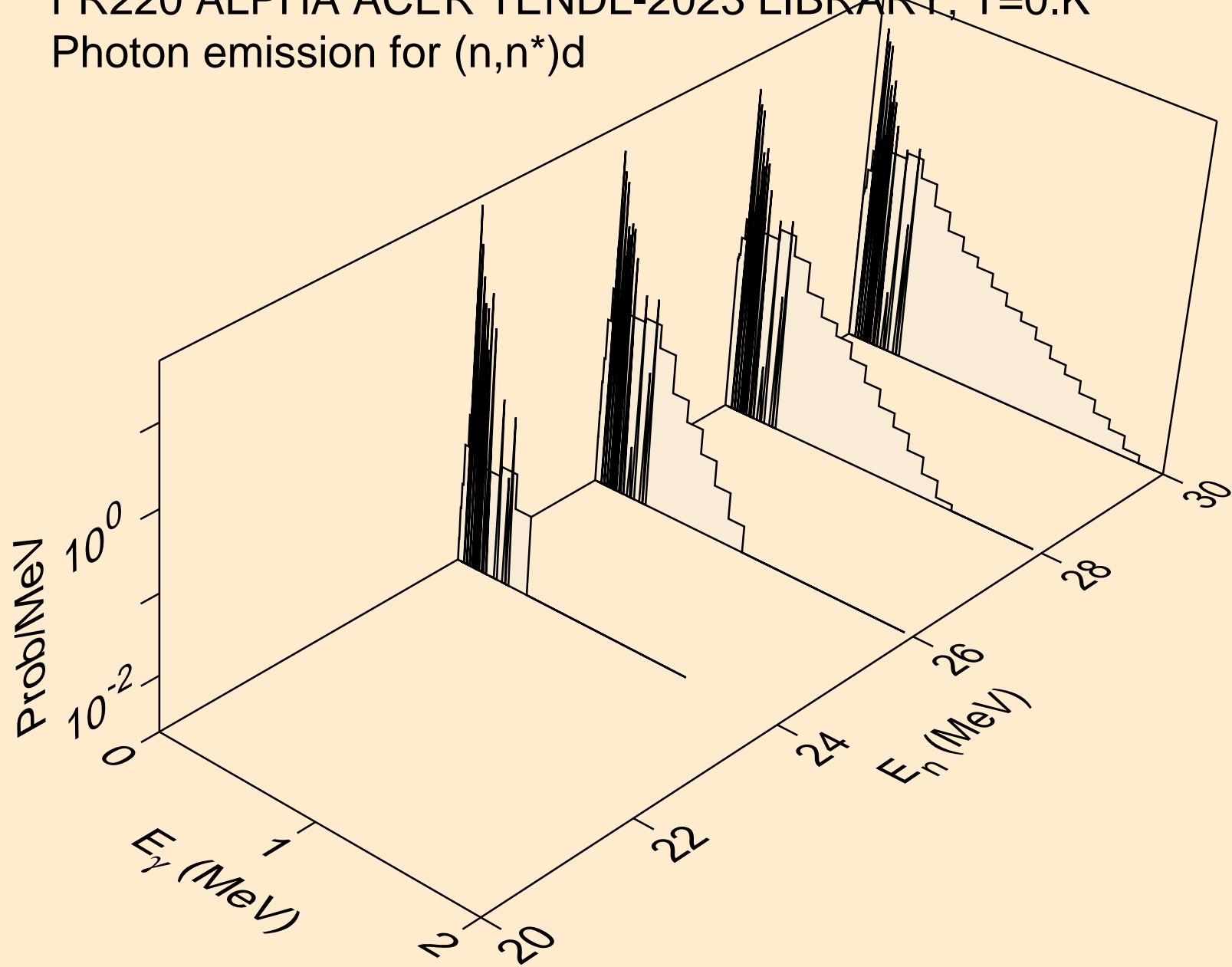
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



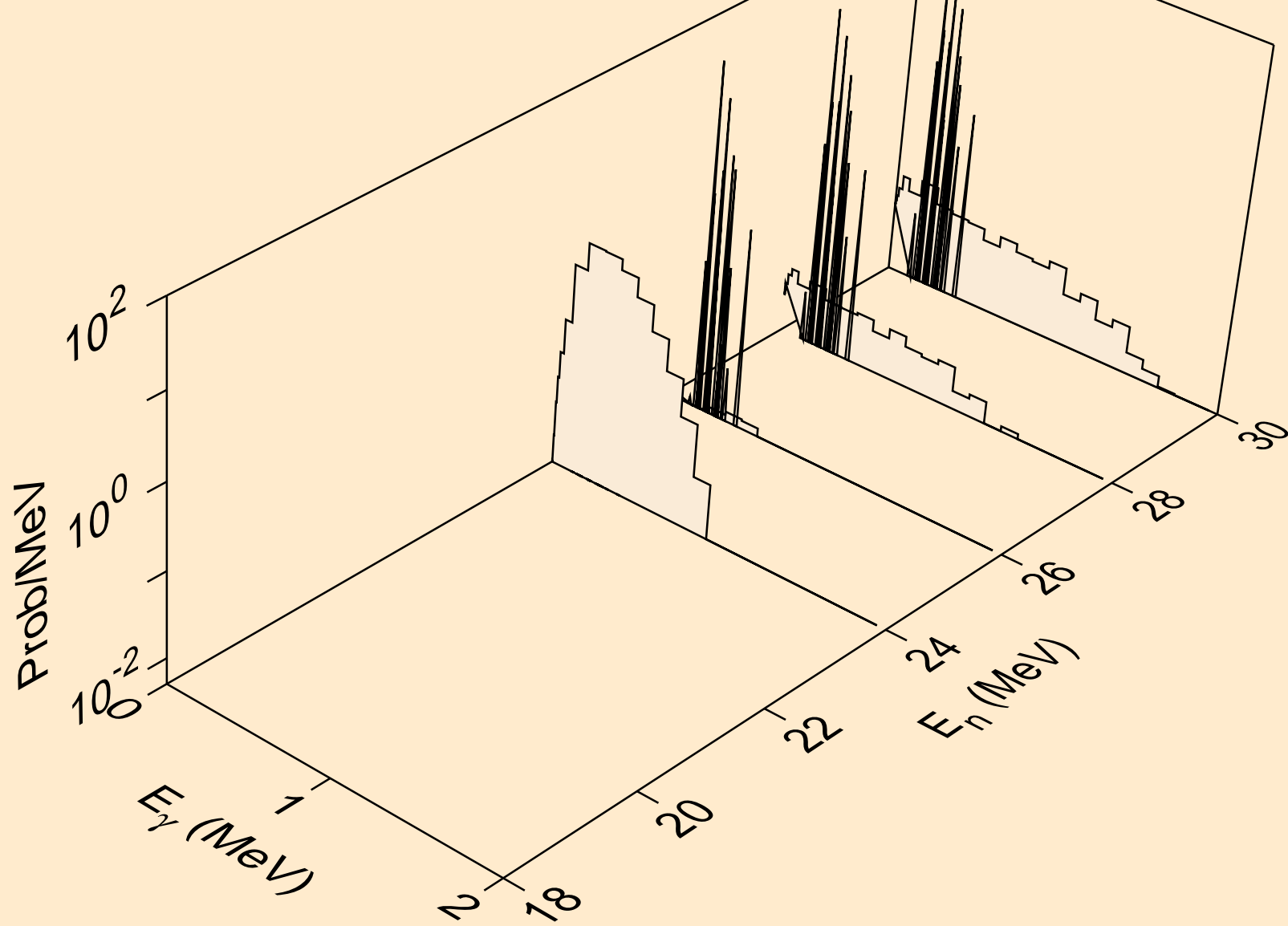
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



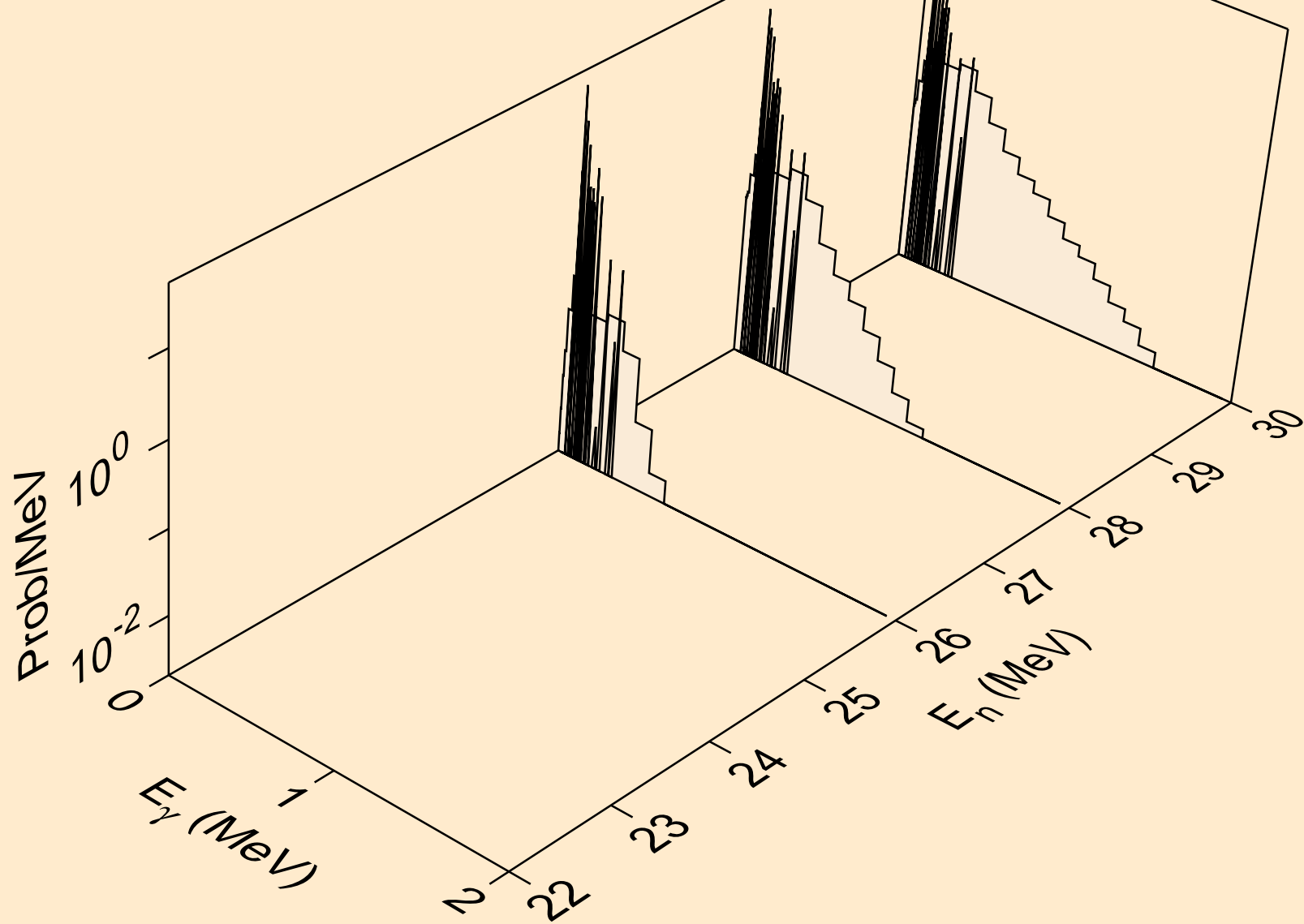
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

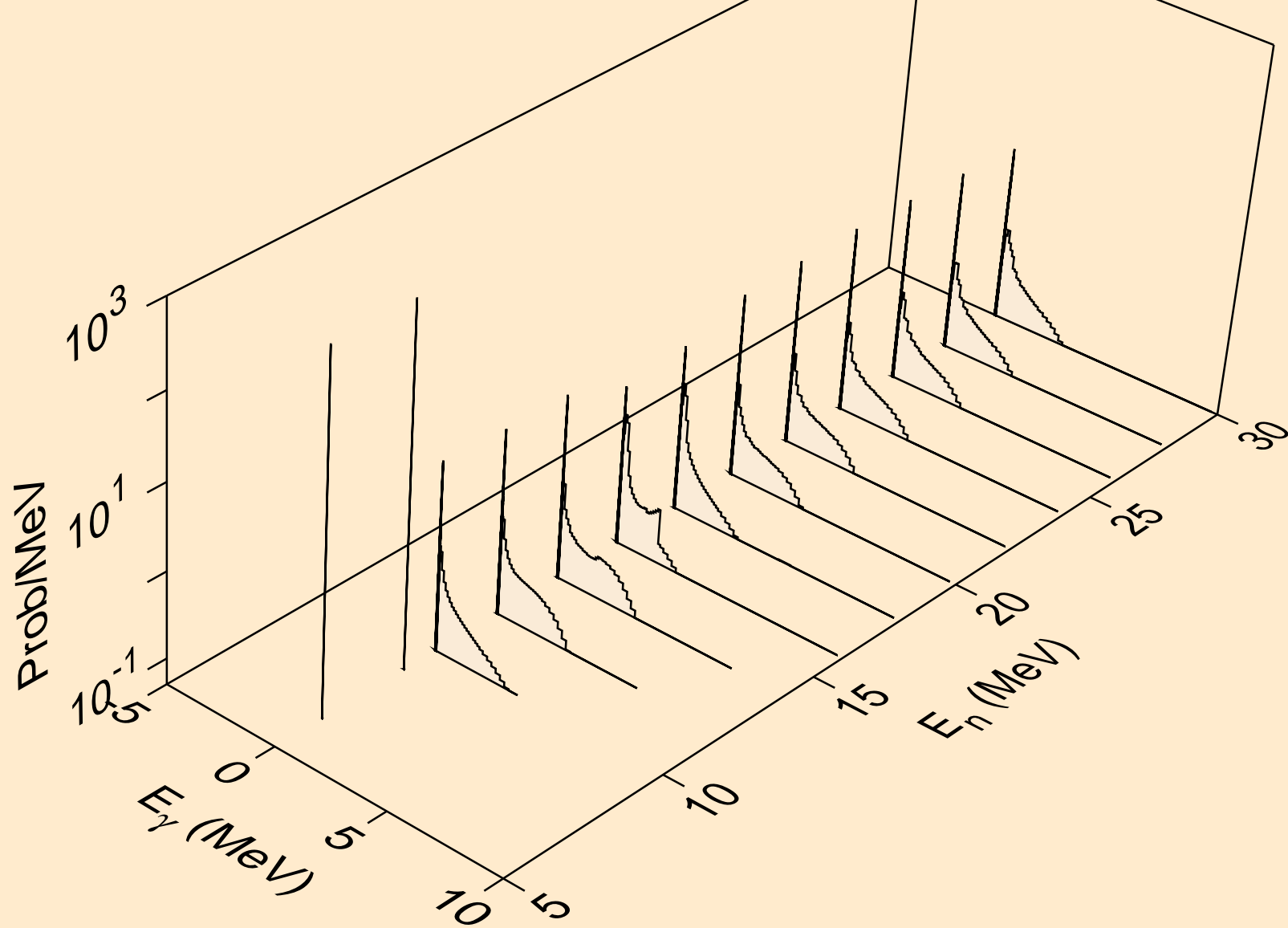


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

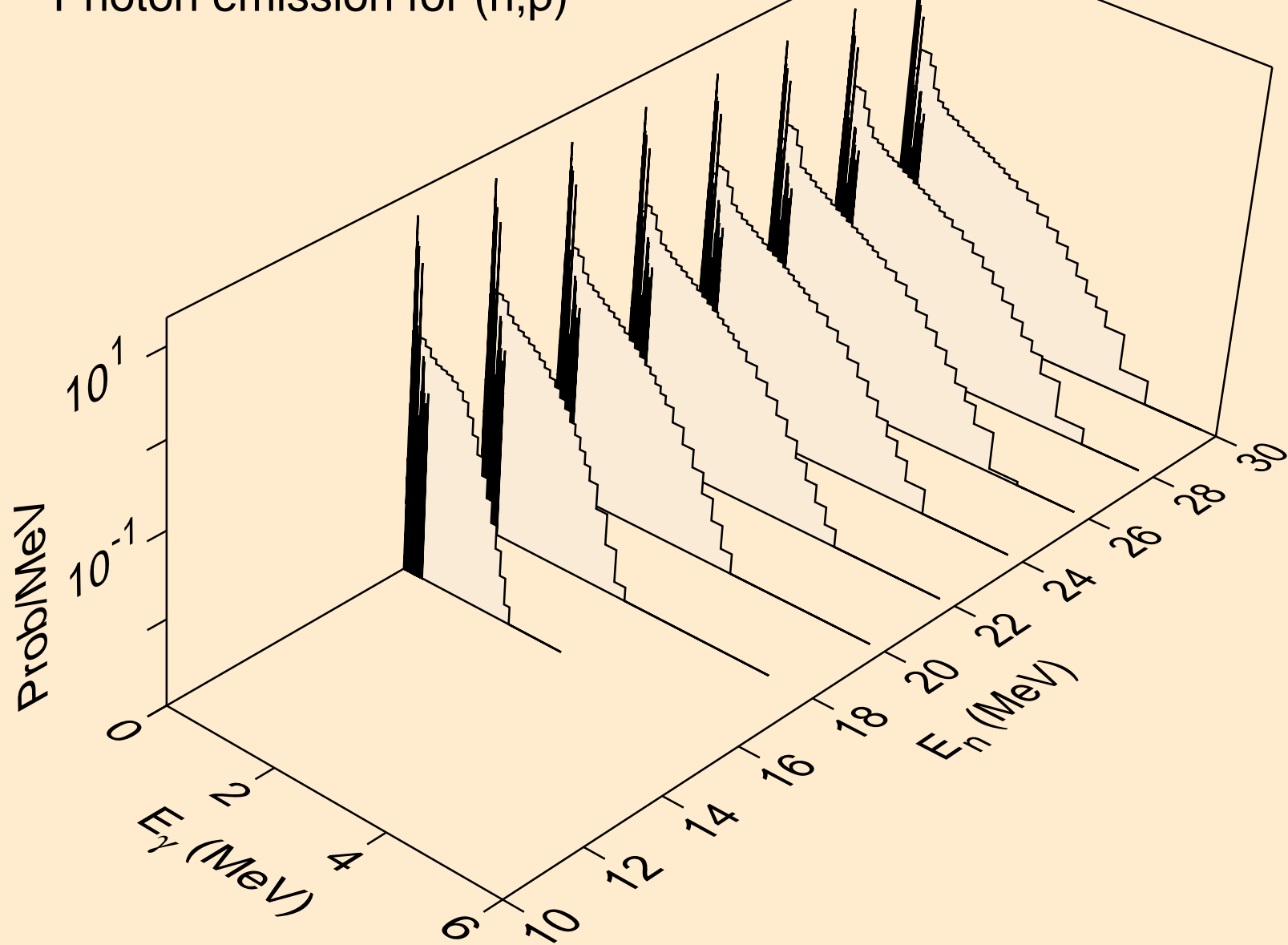




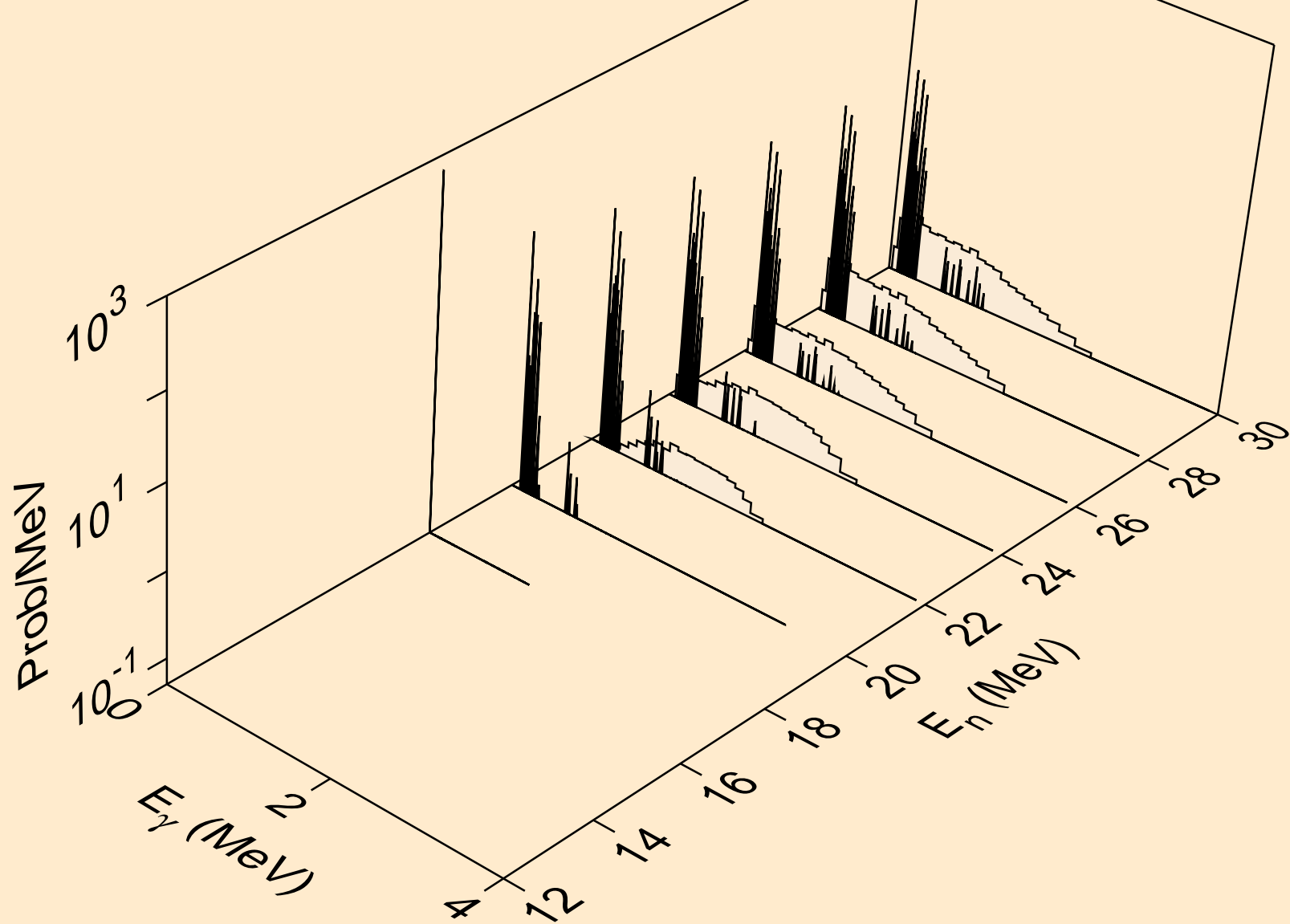
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Photon emission for (n,gma)



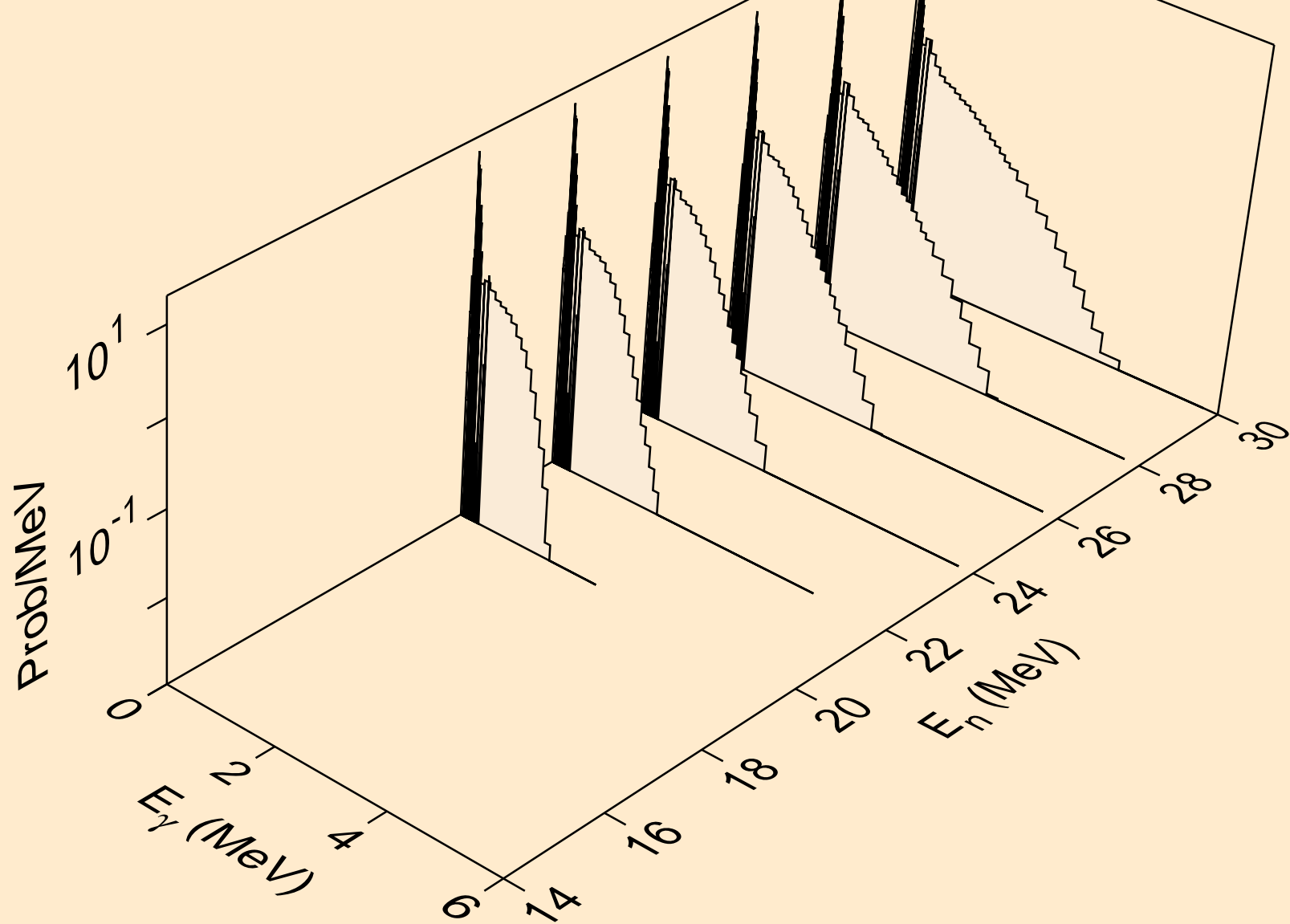
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



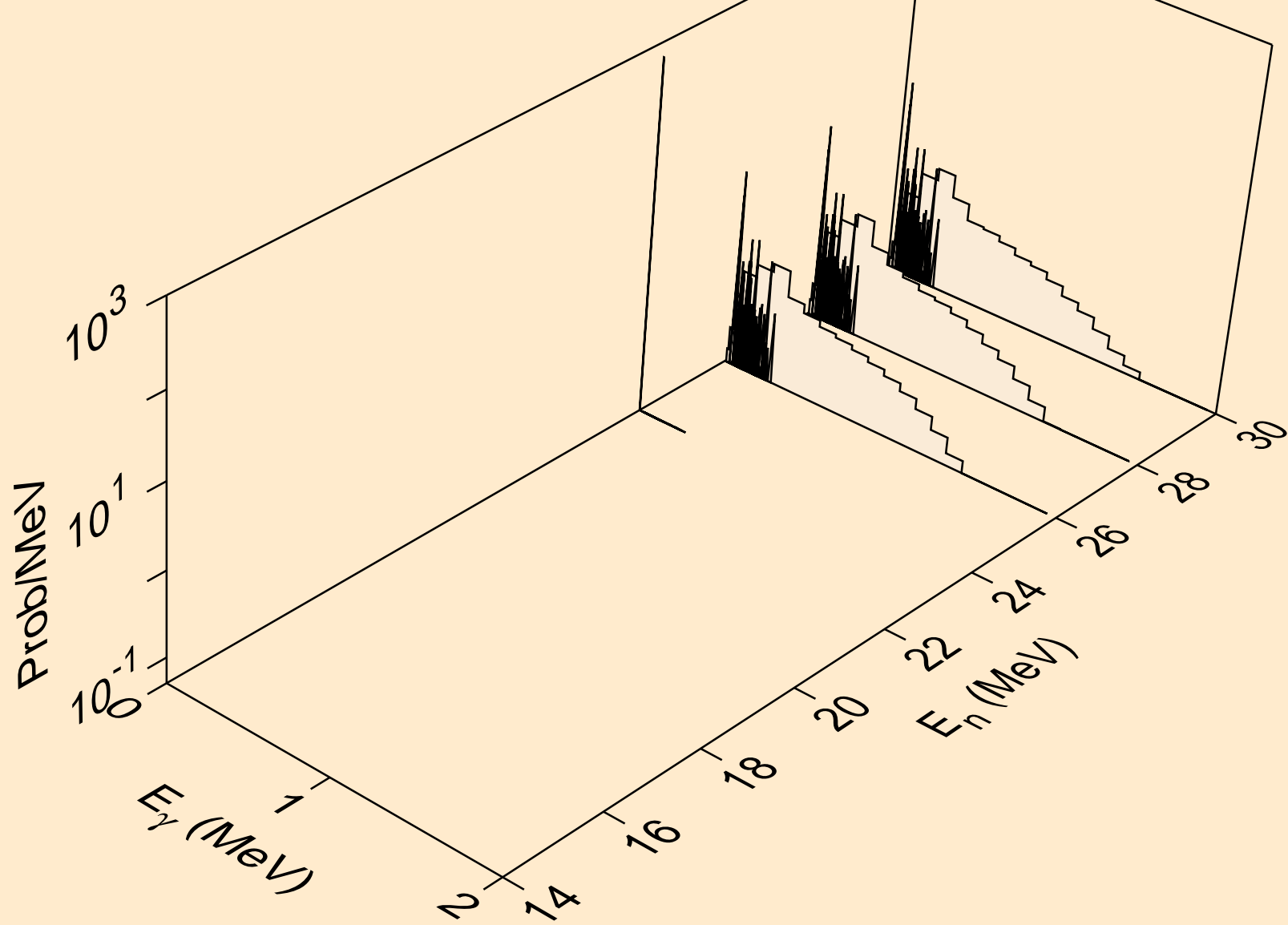
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



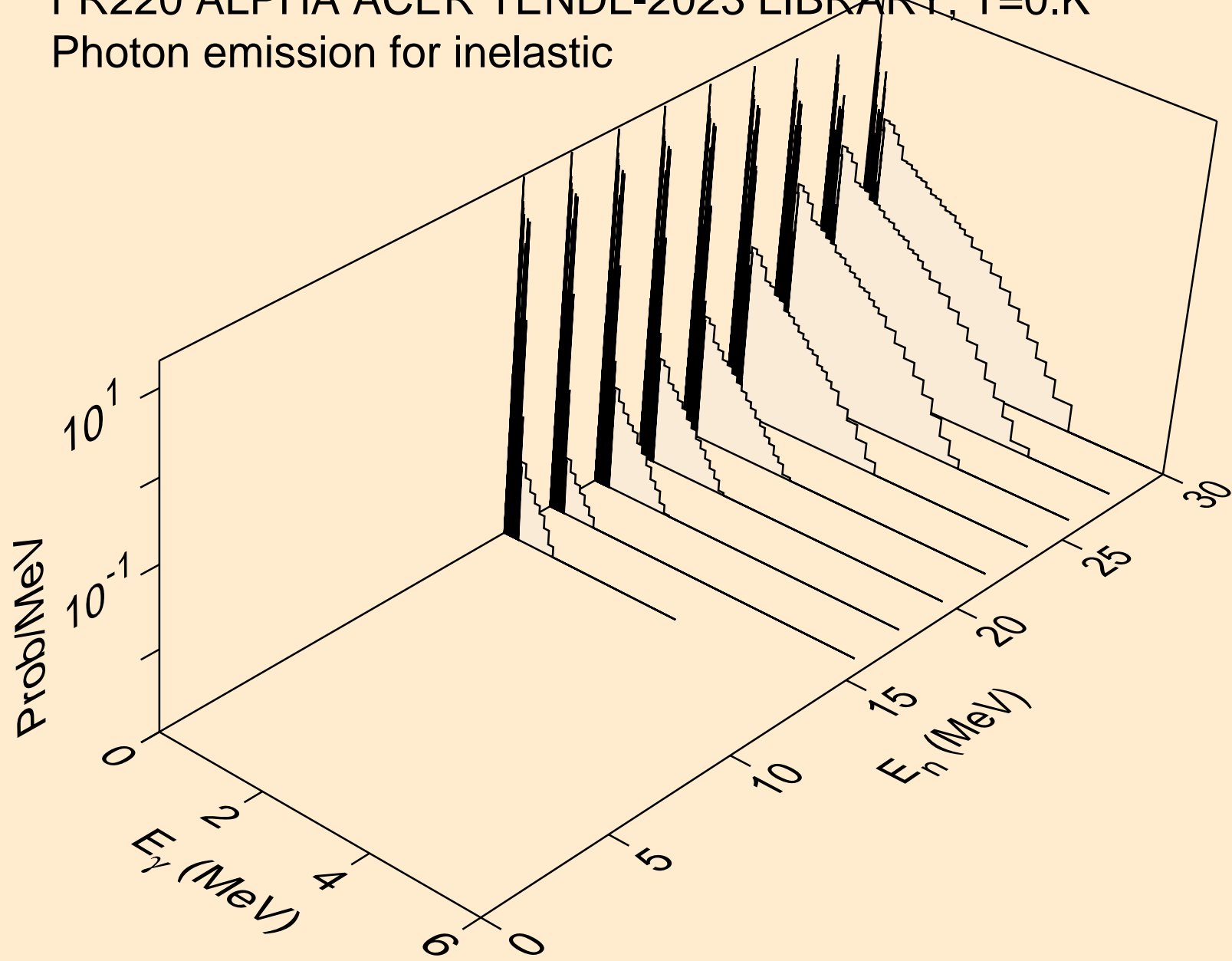
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



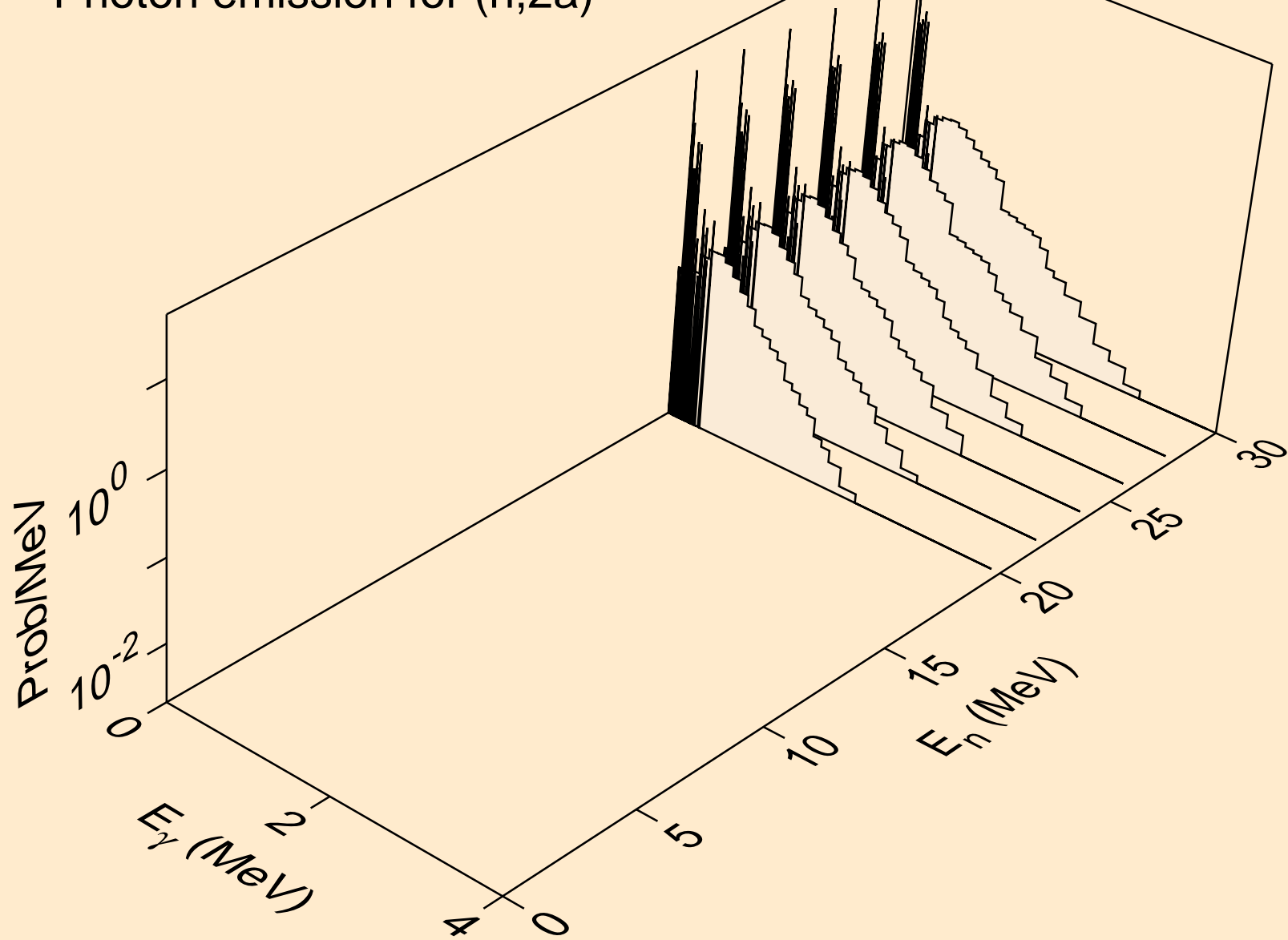
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



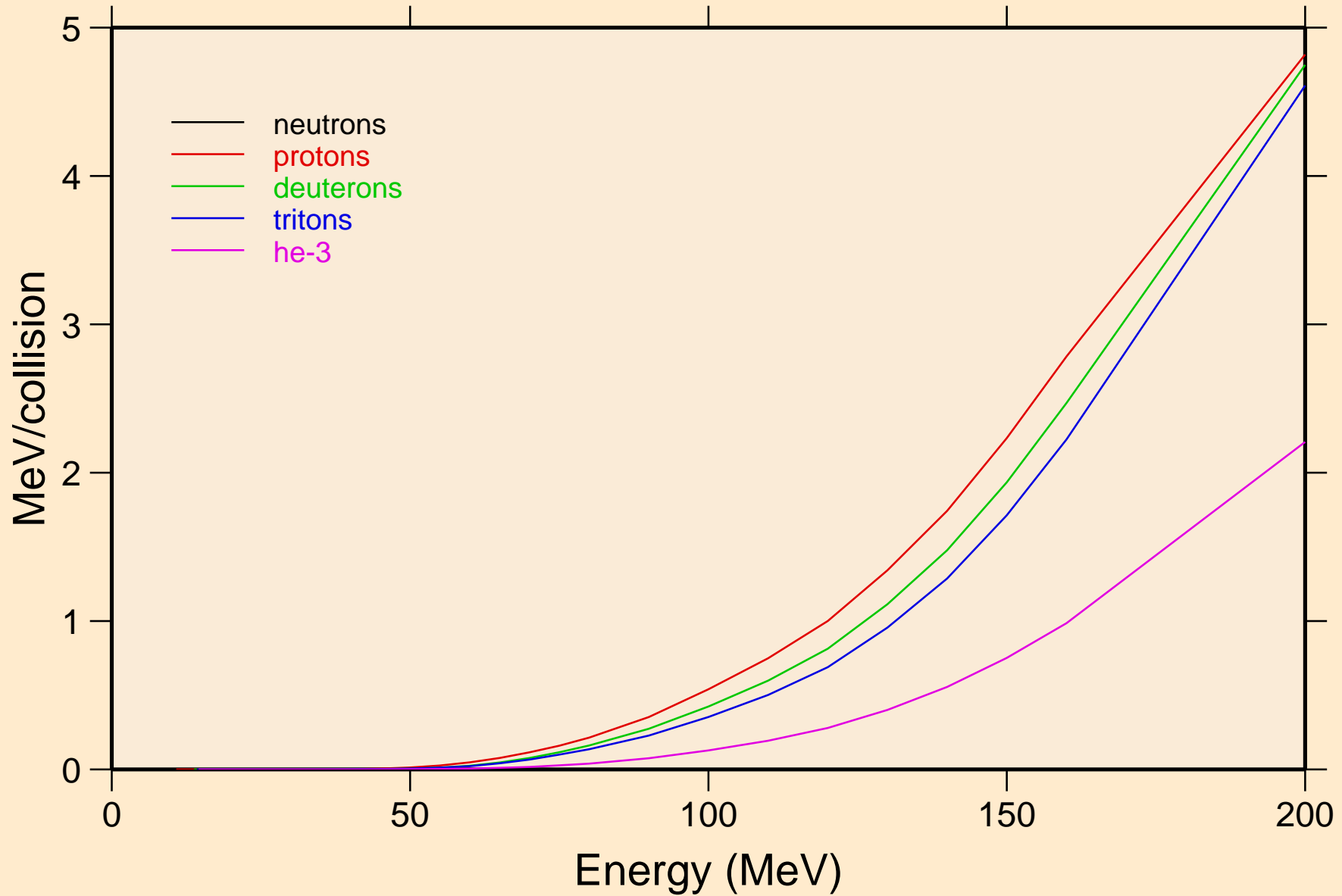
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

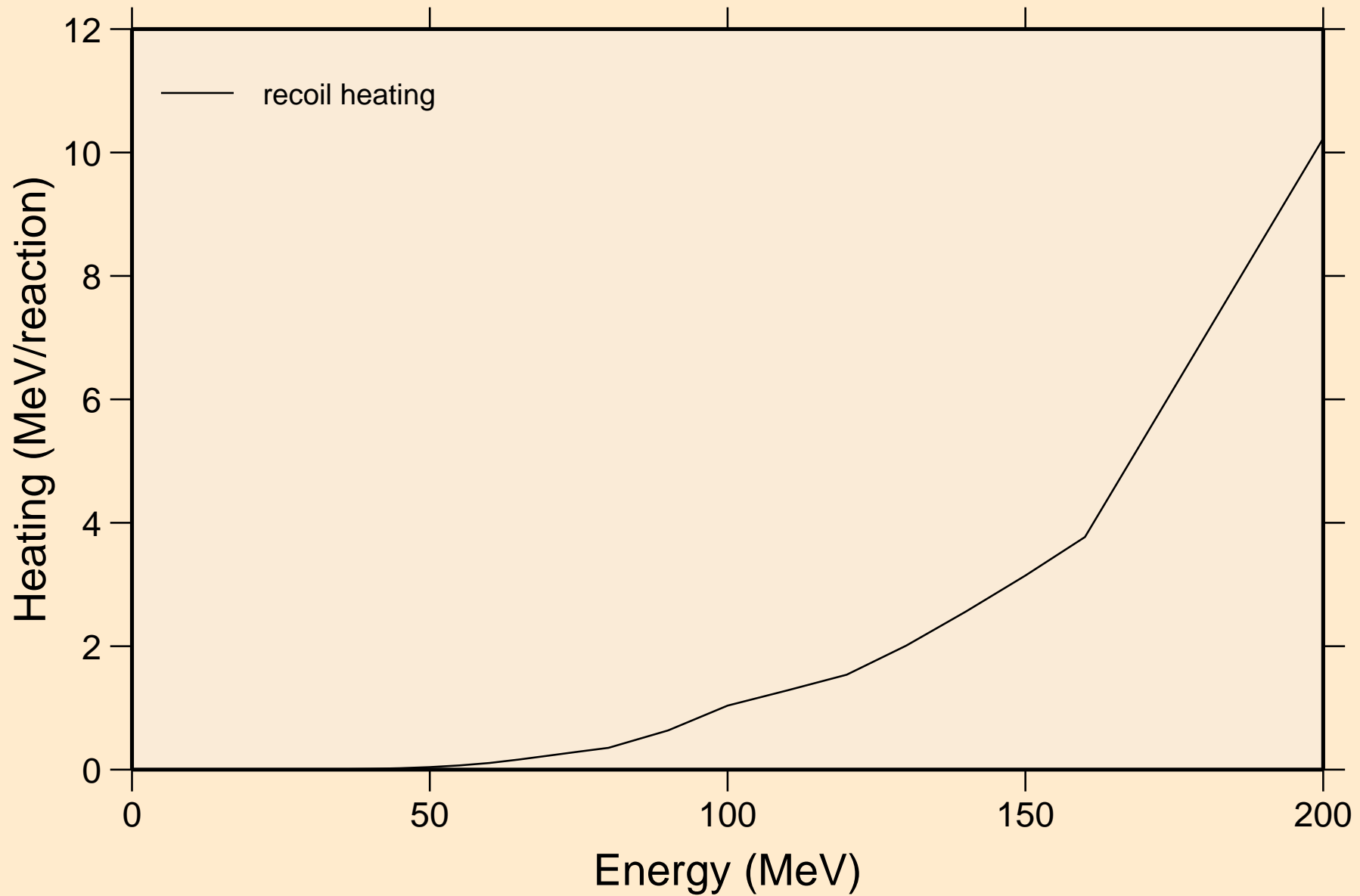


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

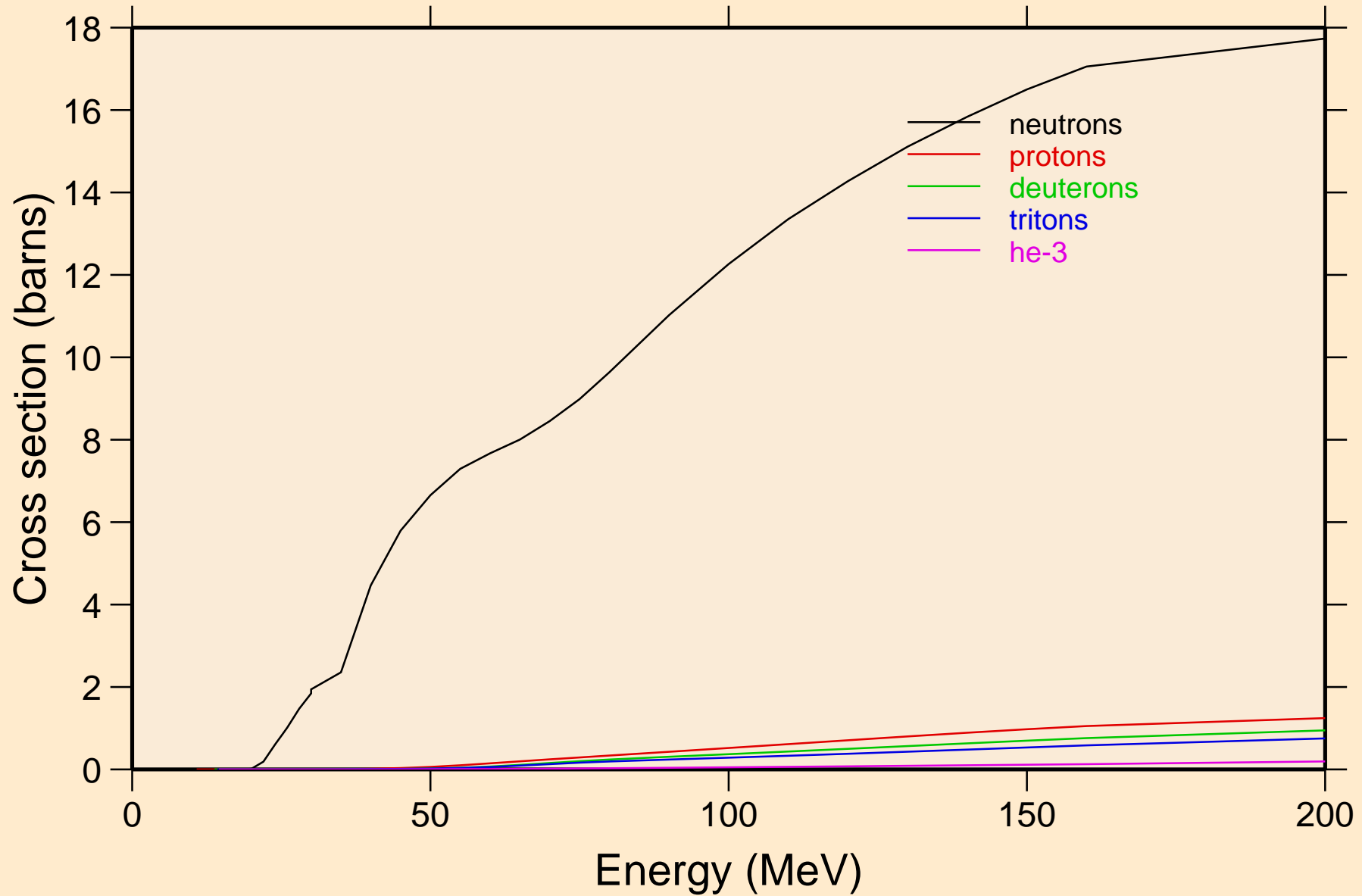




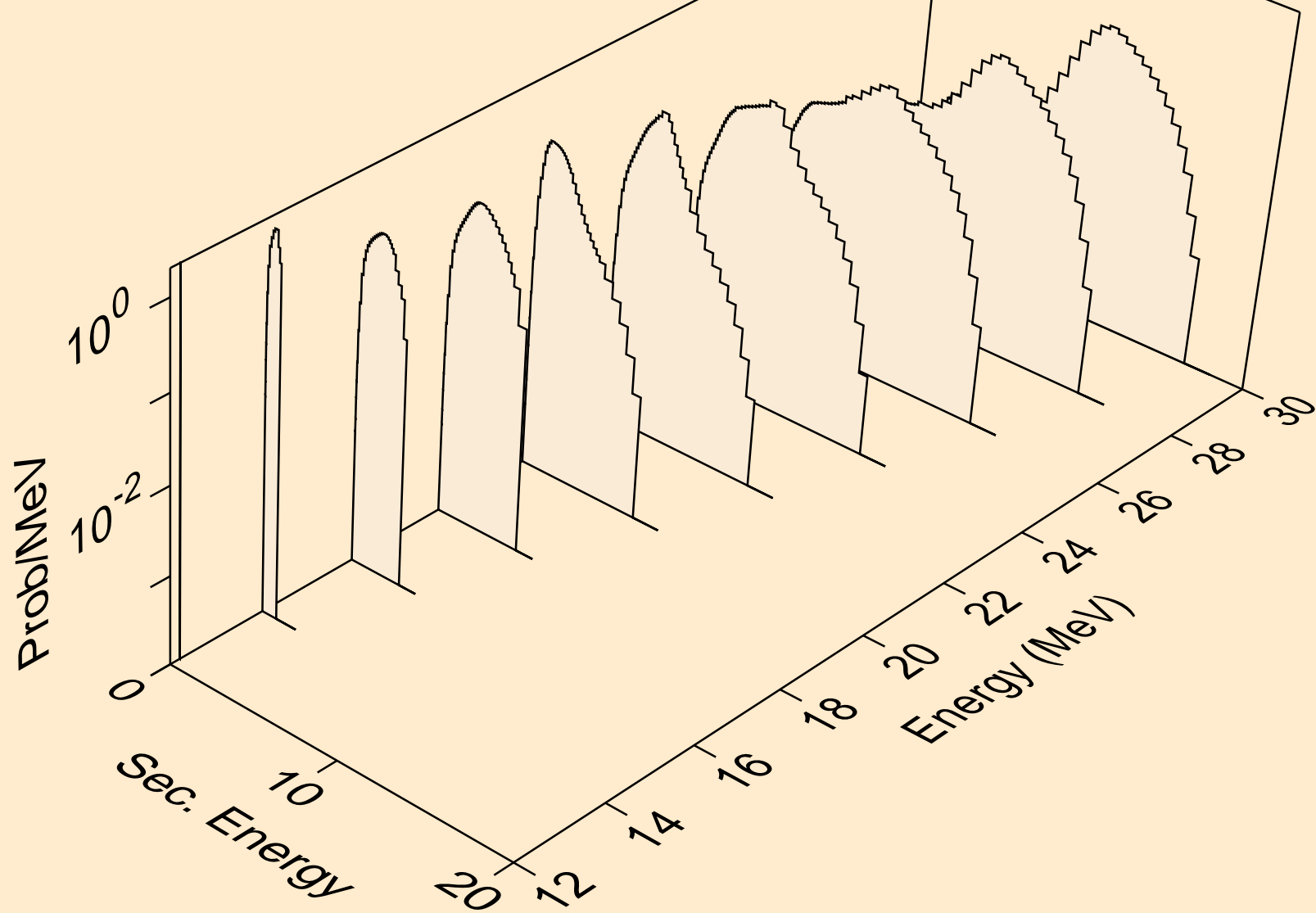
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



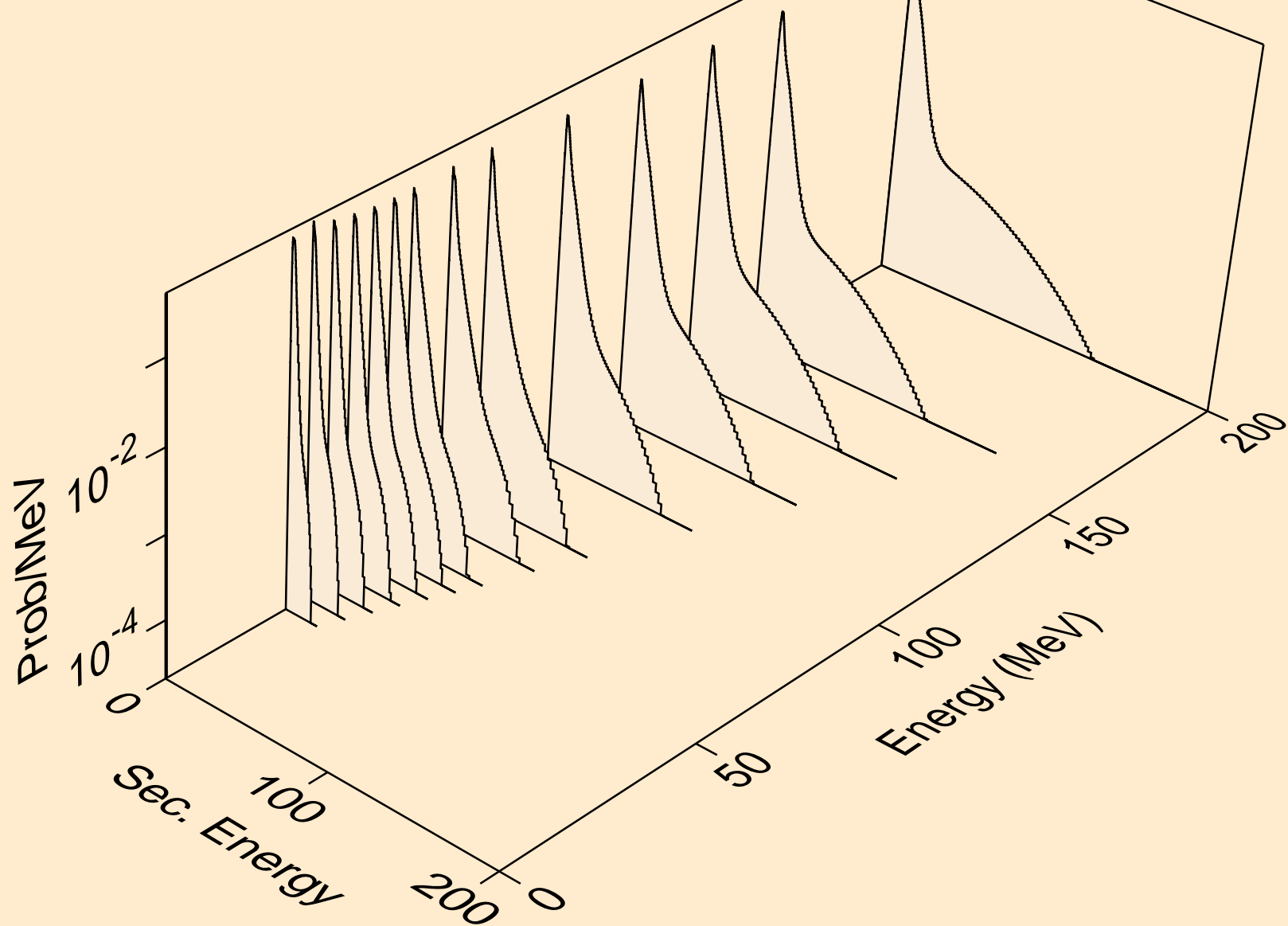
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



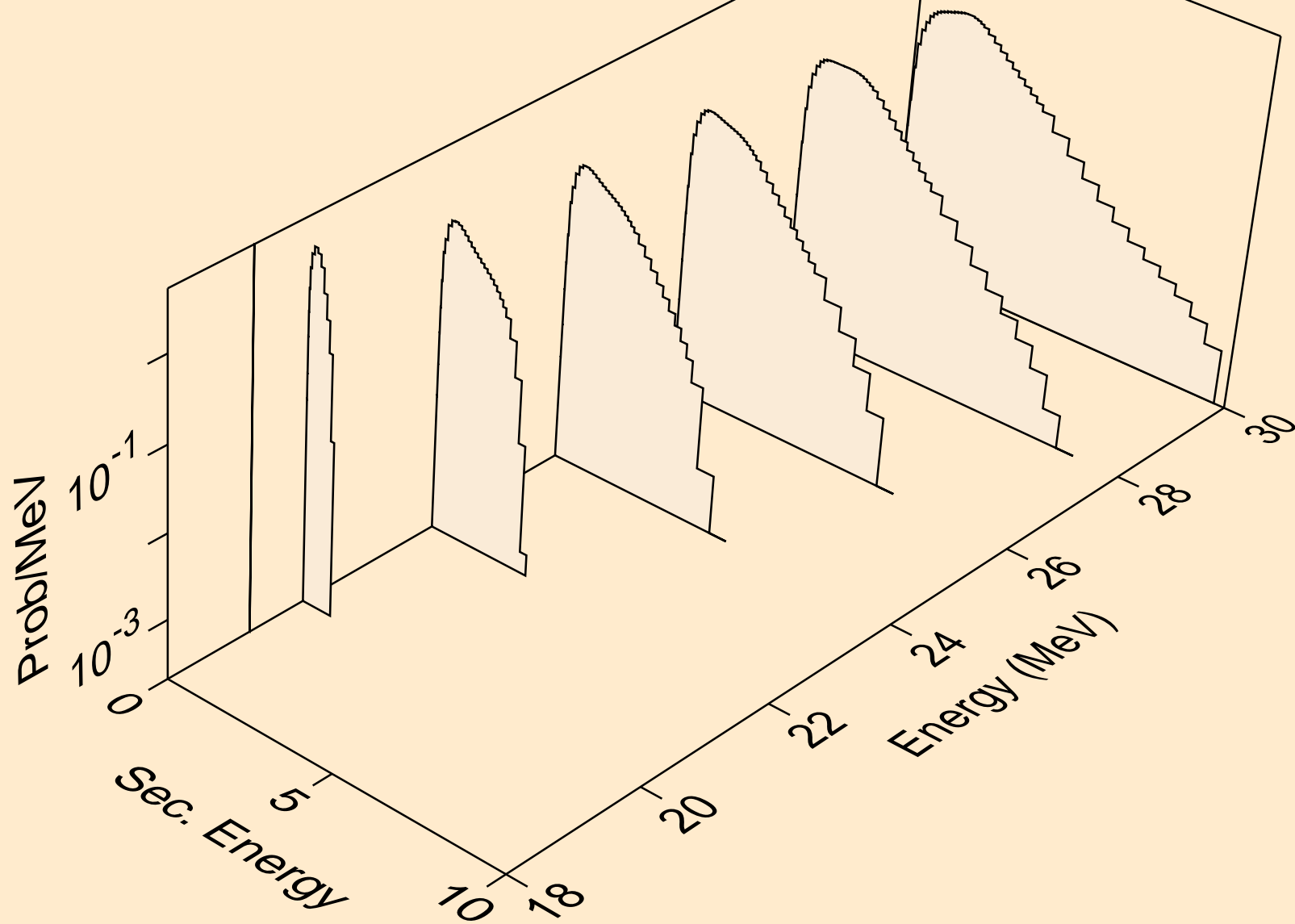
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



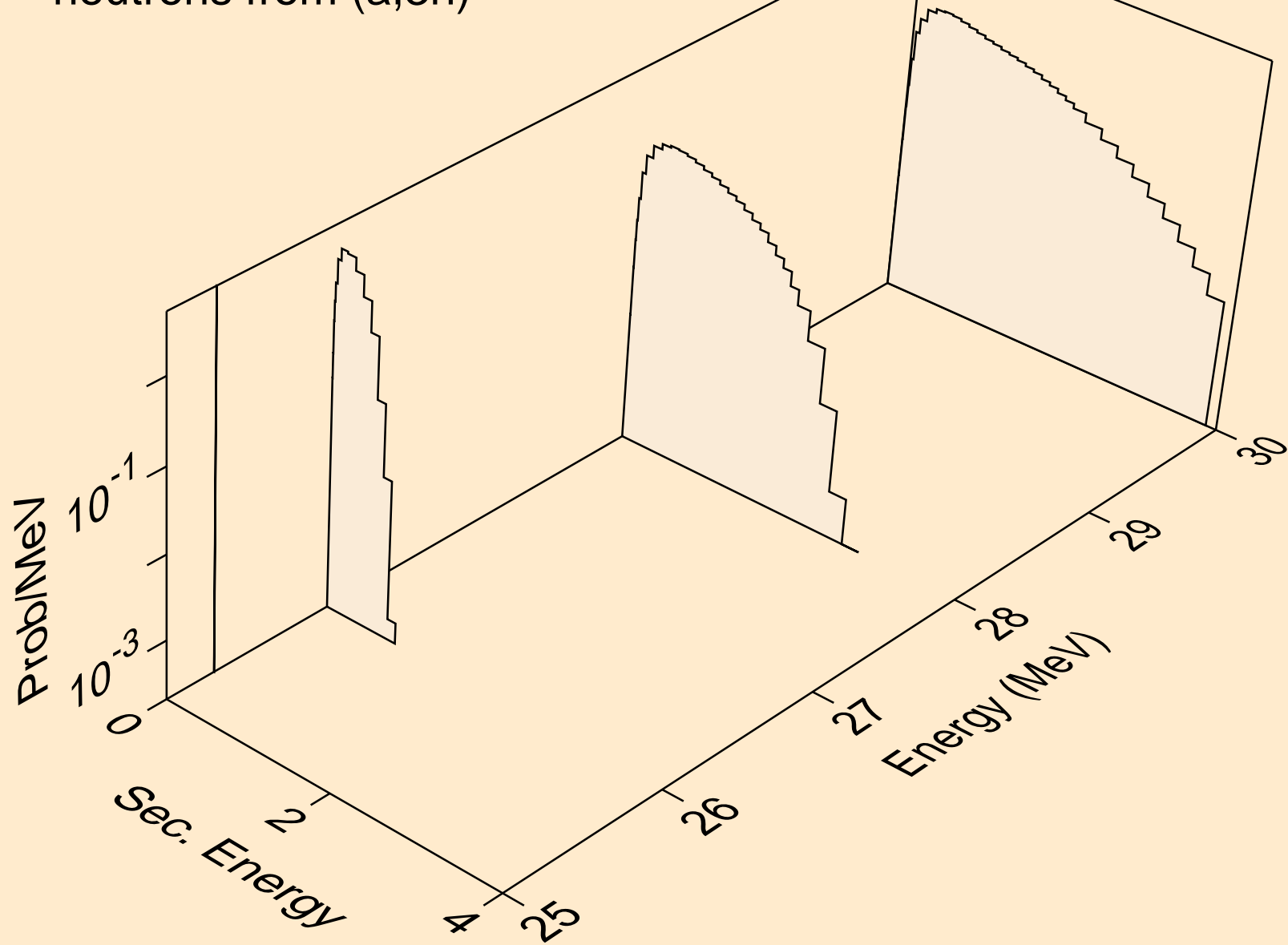
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



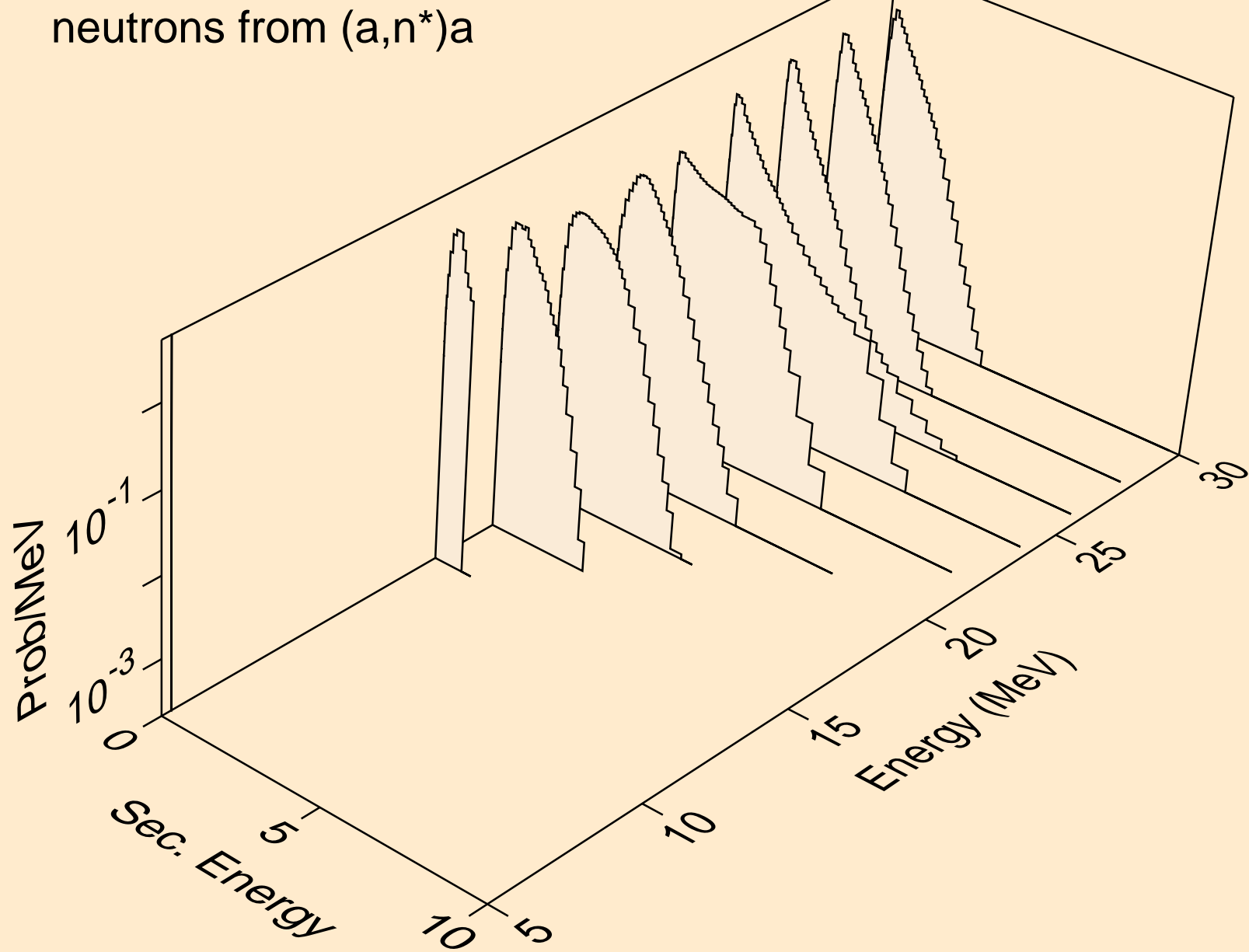
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neutrons from (a,2n)



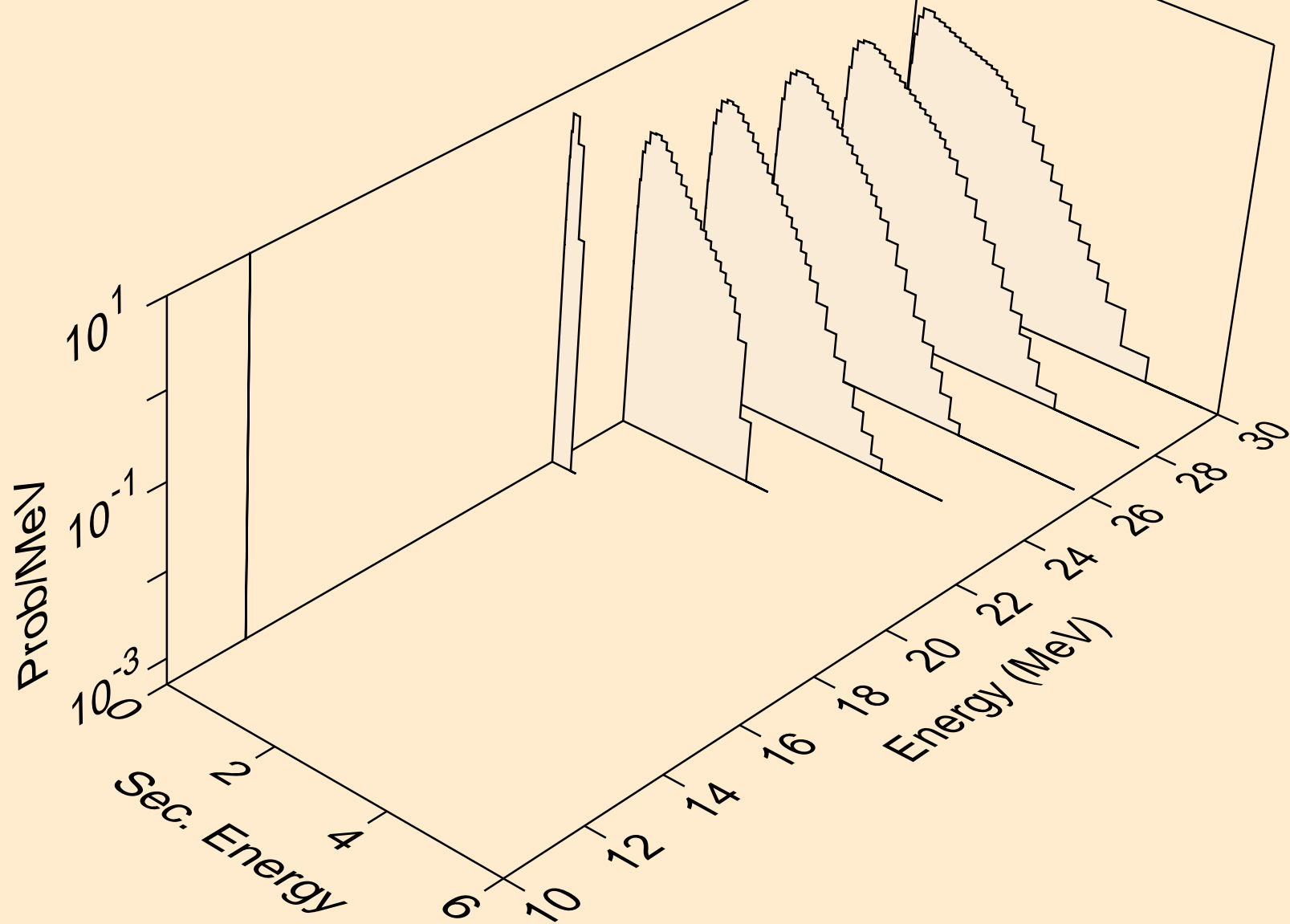
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

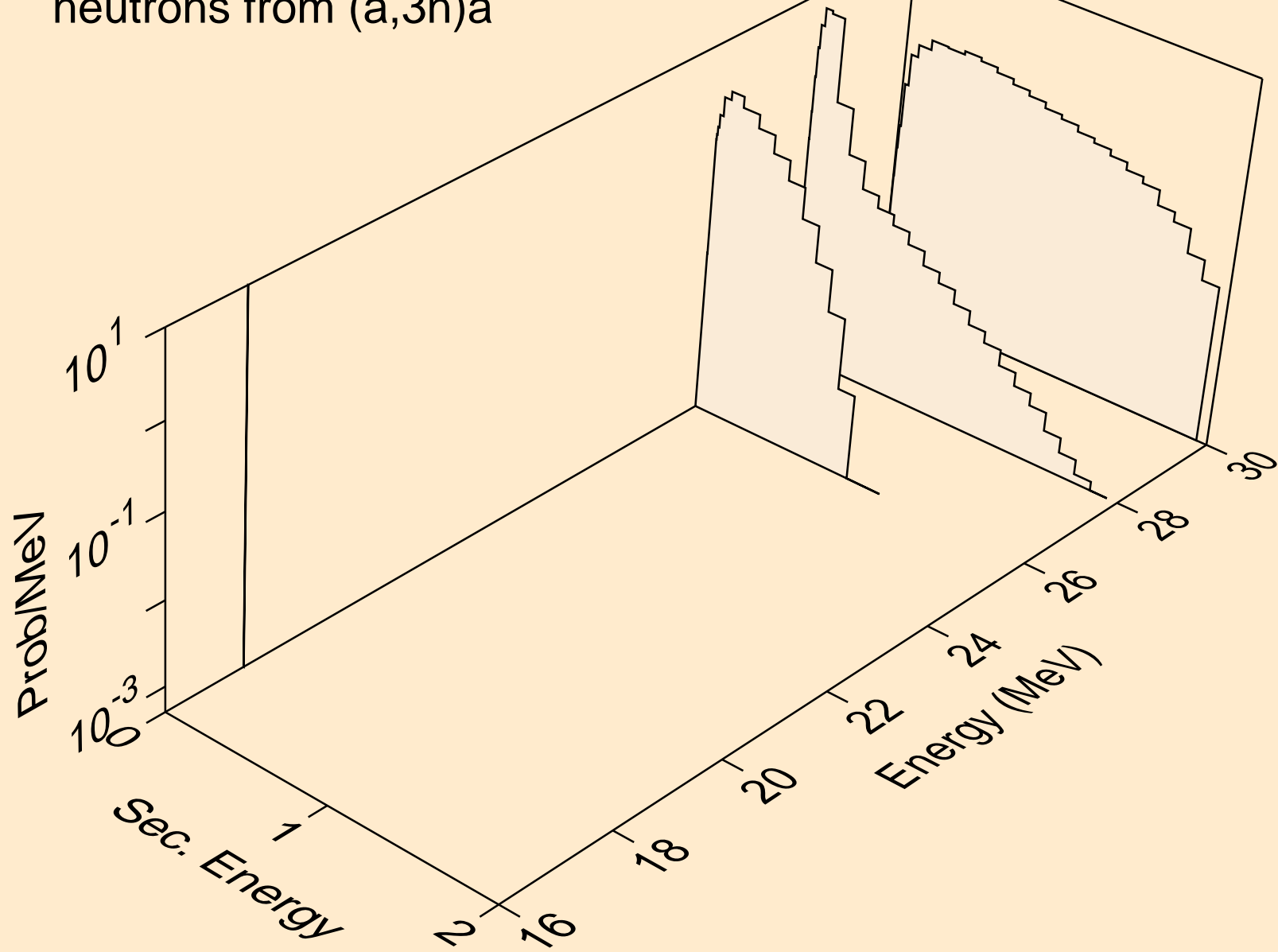


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

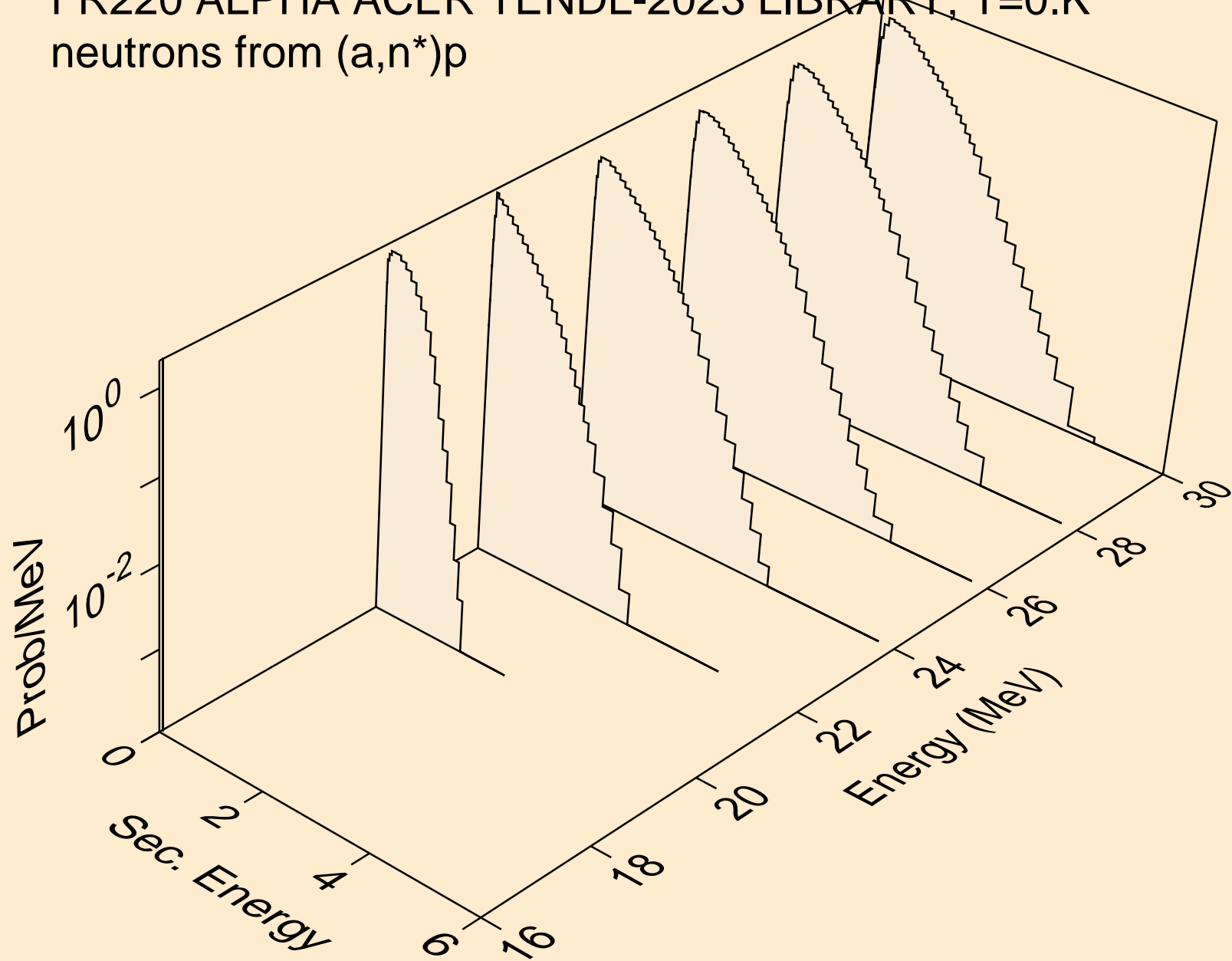




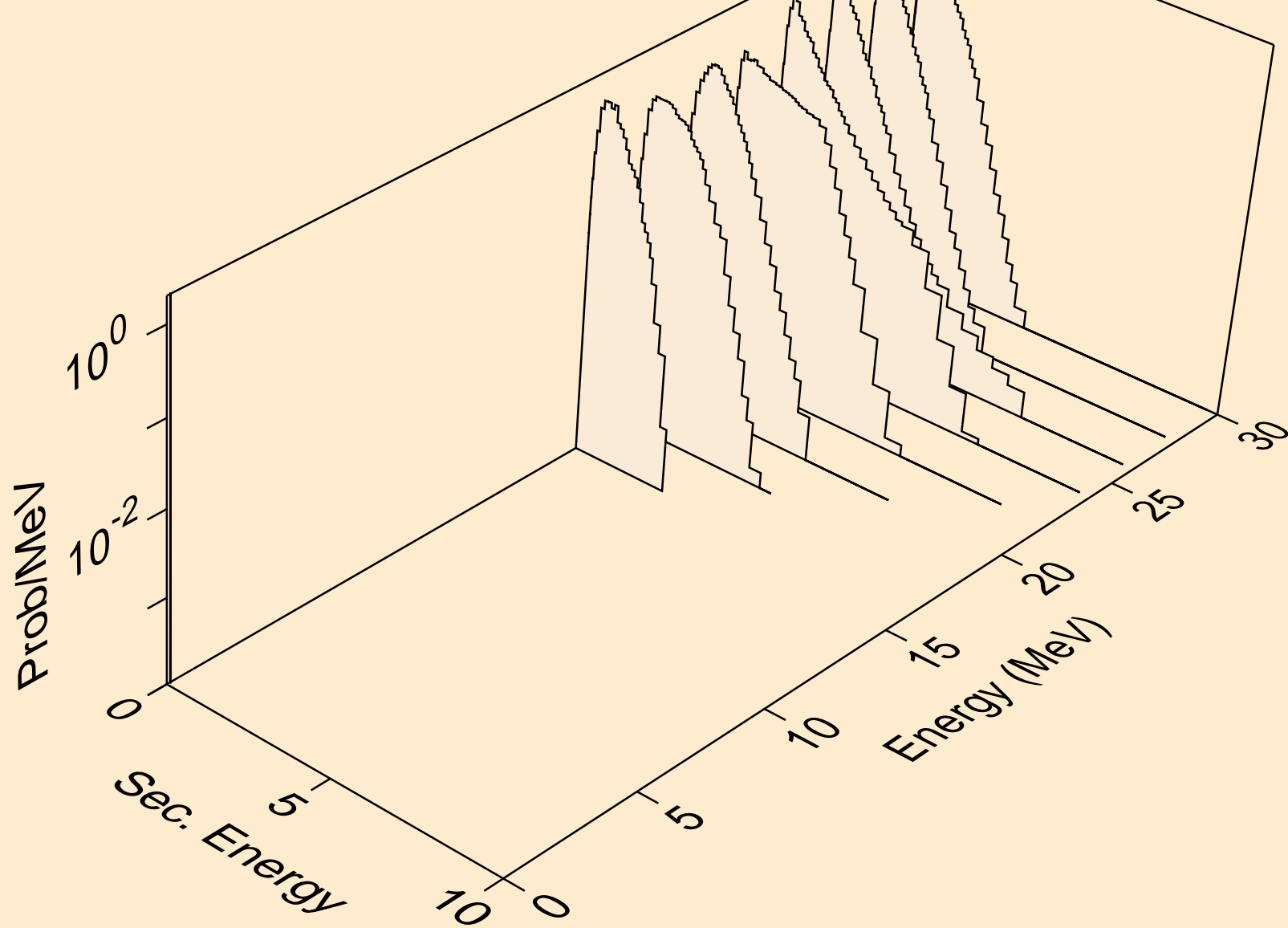
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



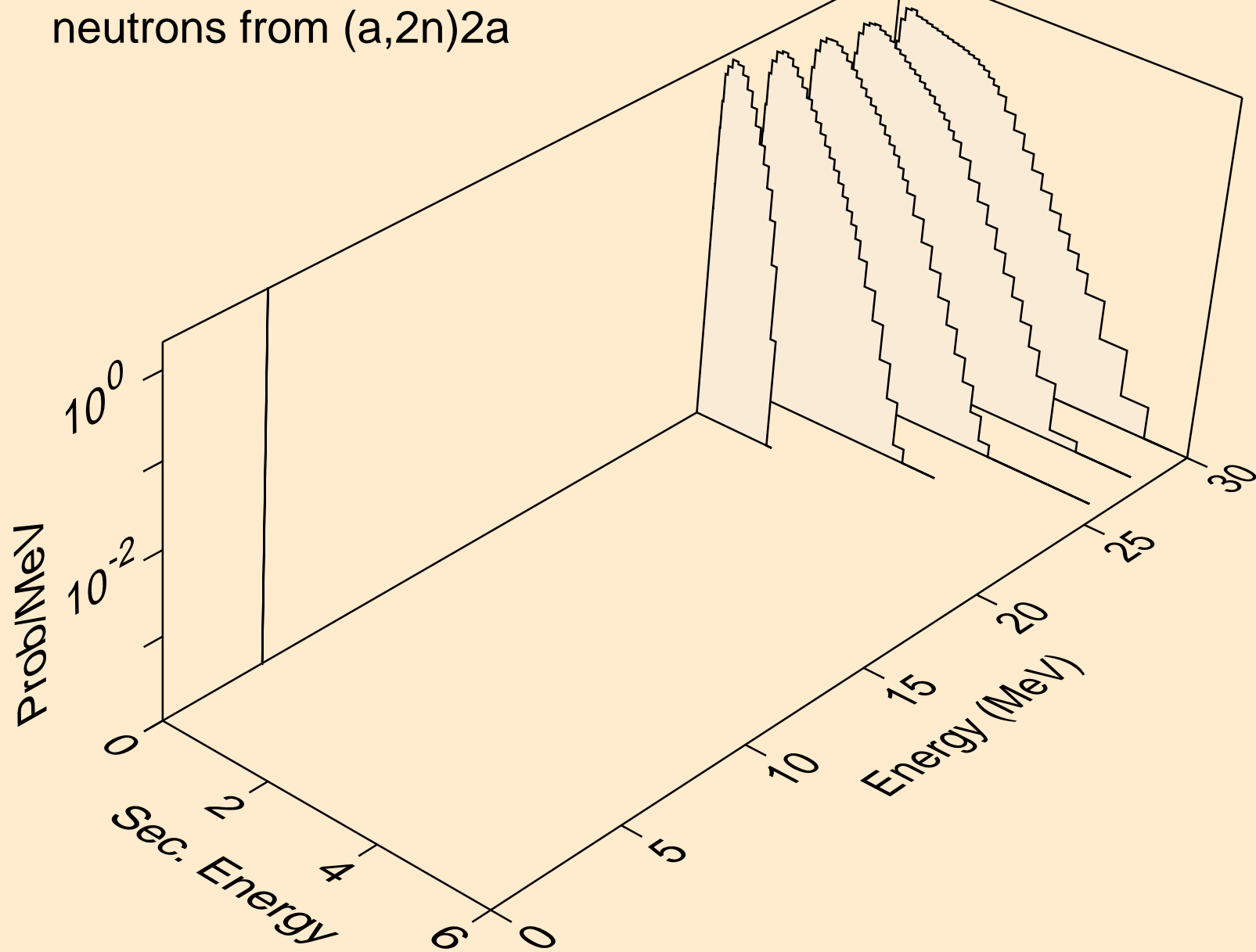
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



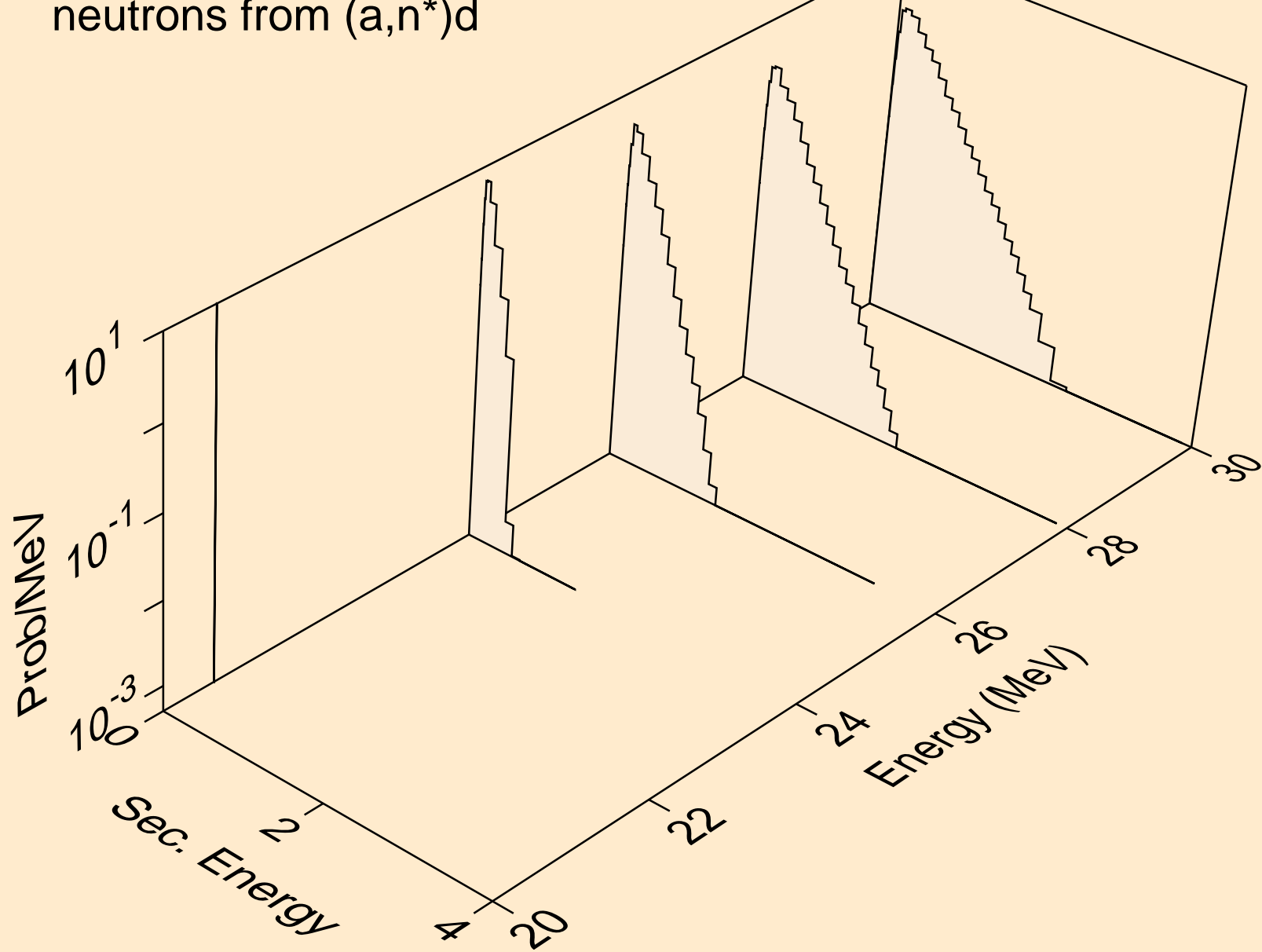
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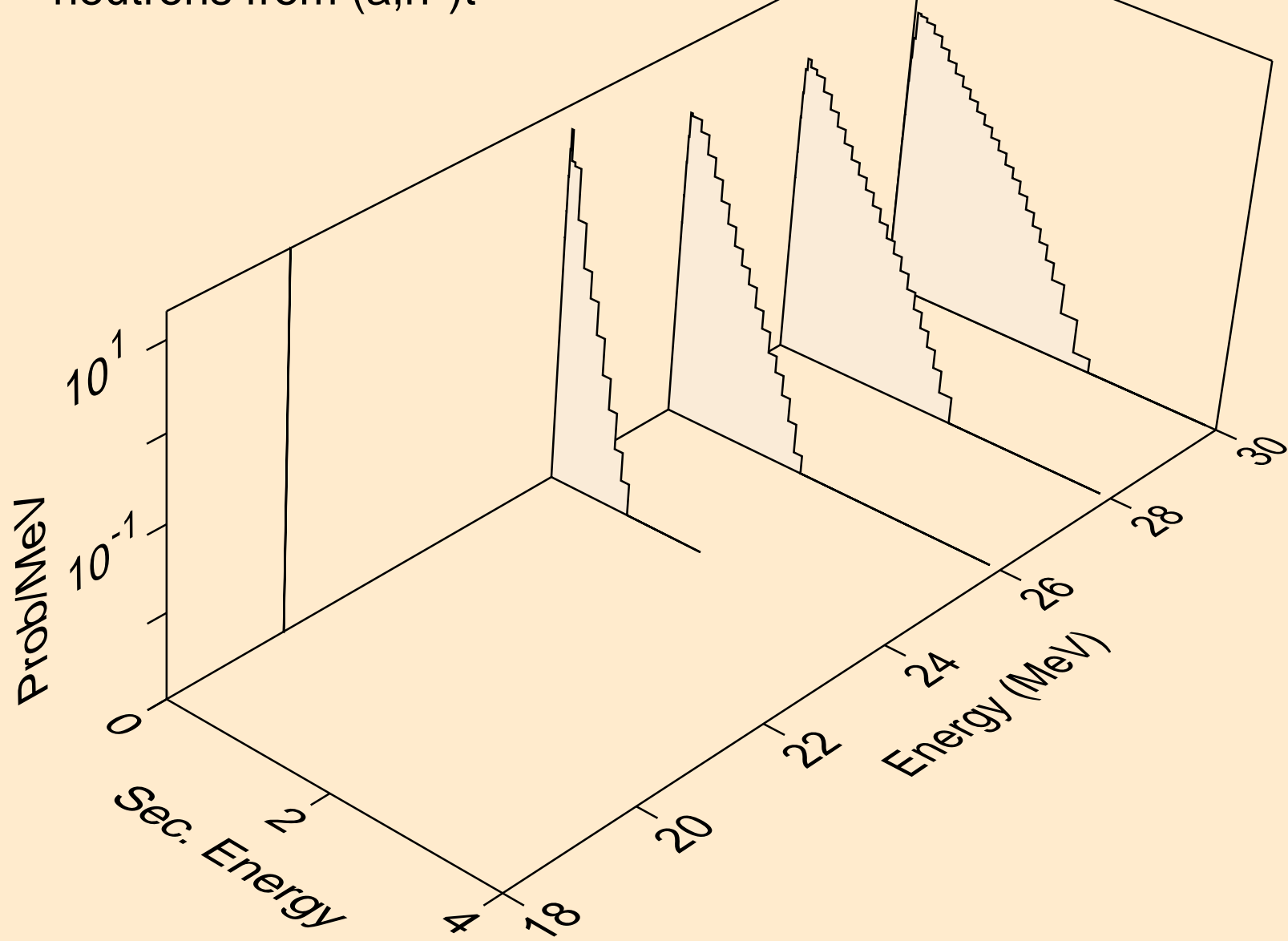
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)2a



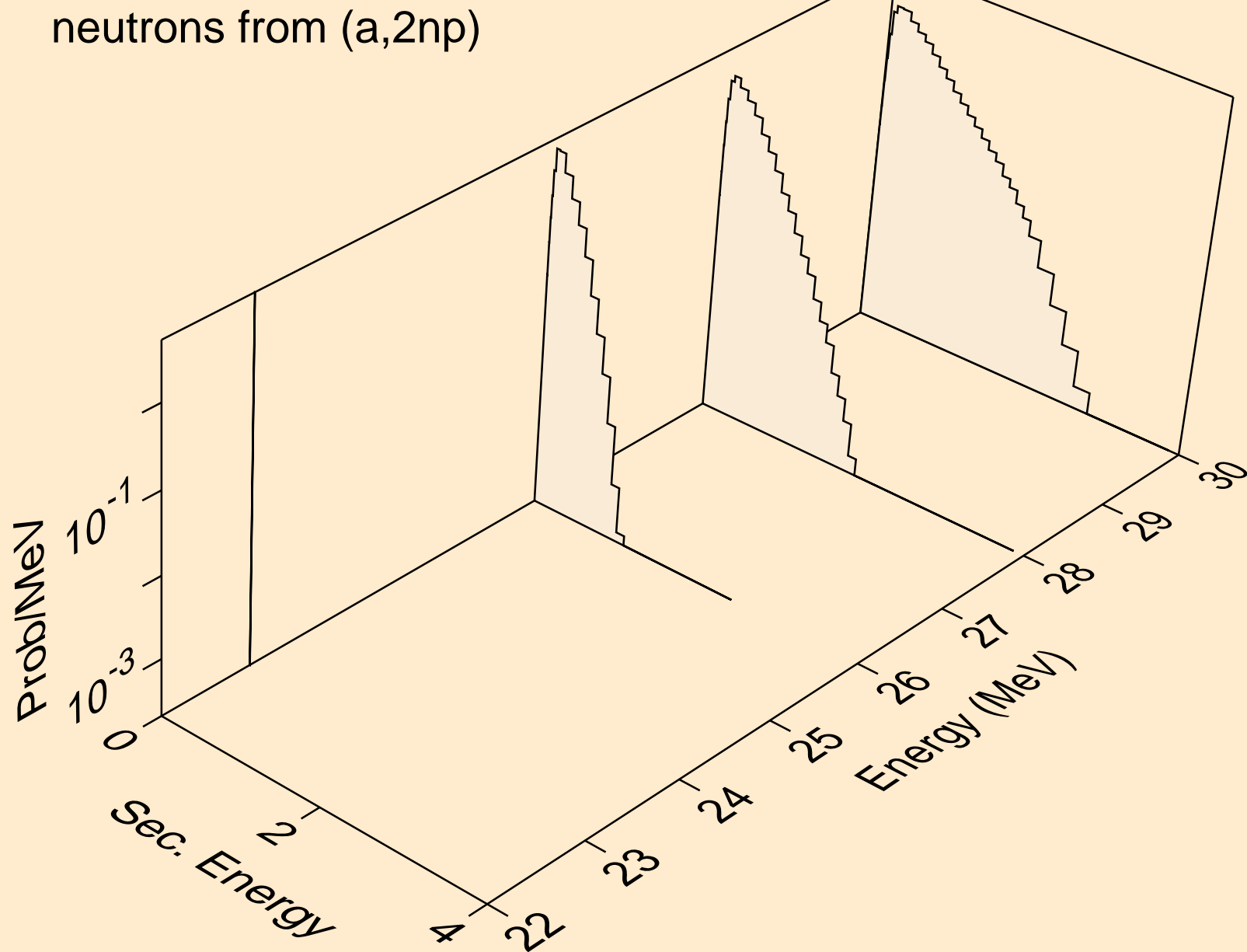
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



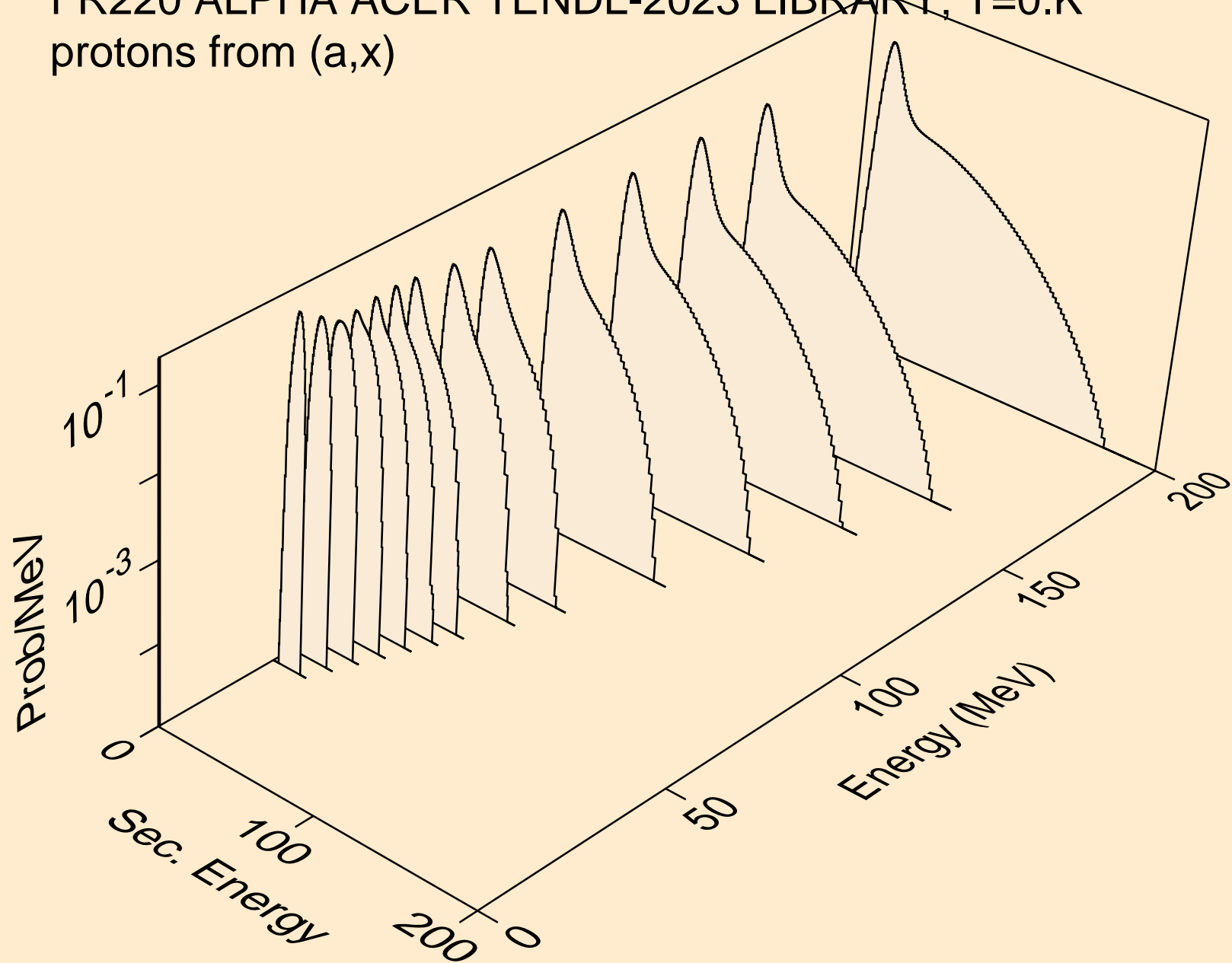
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

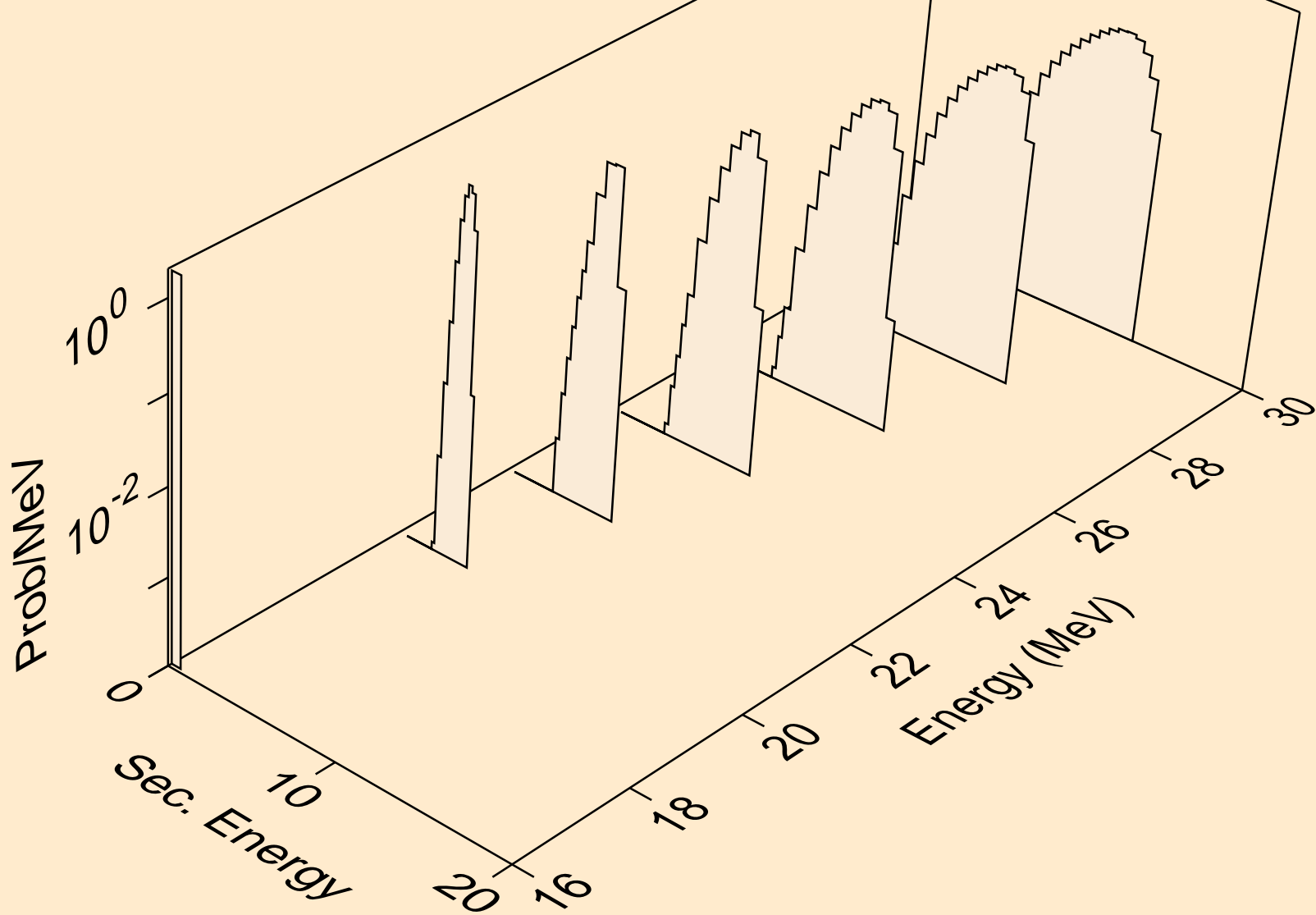


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

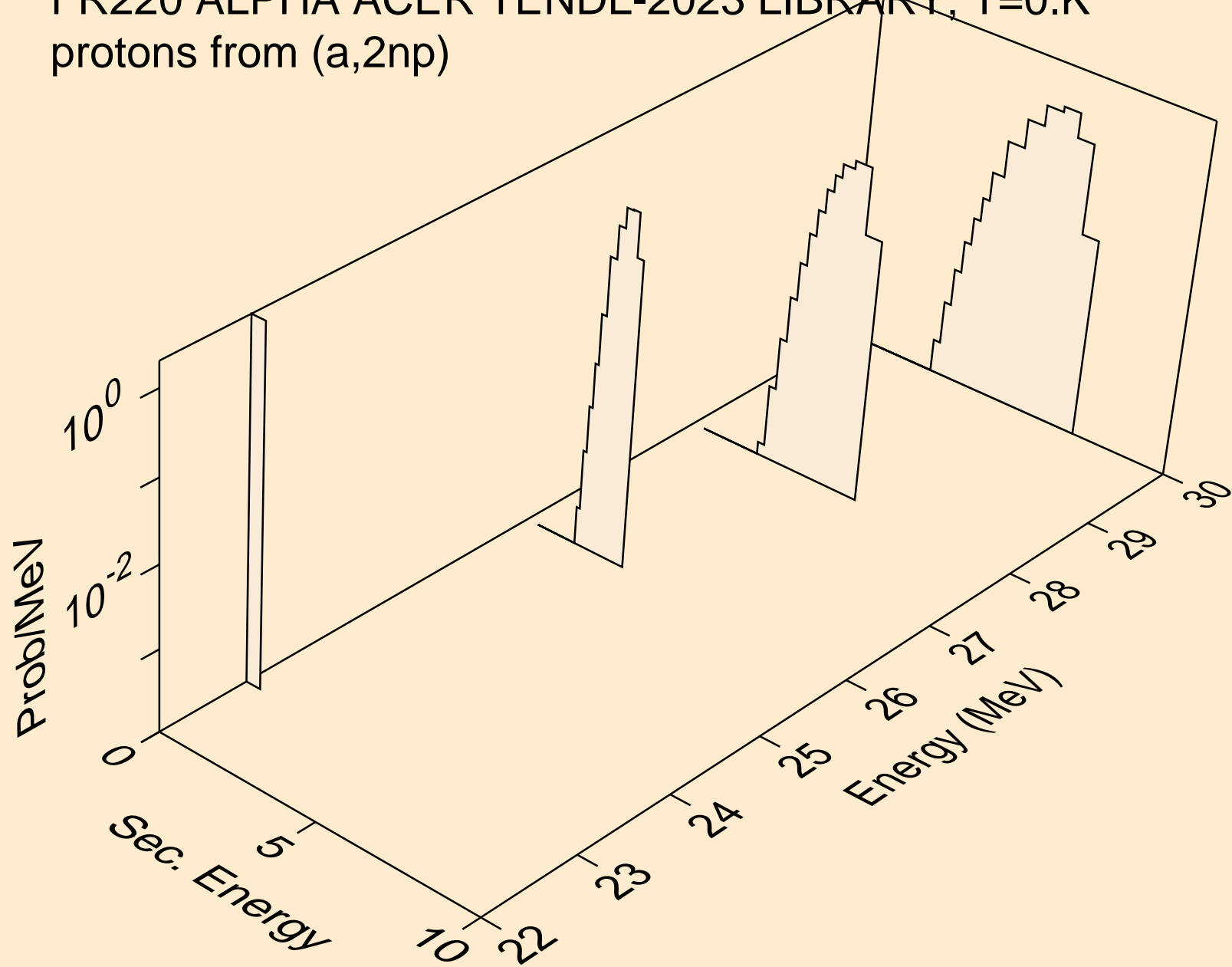




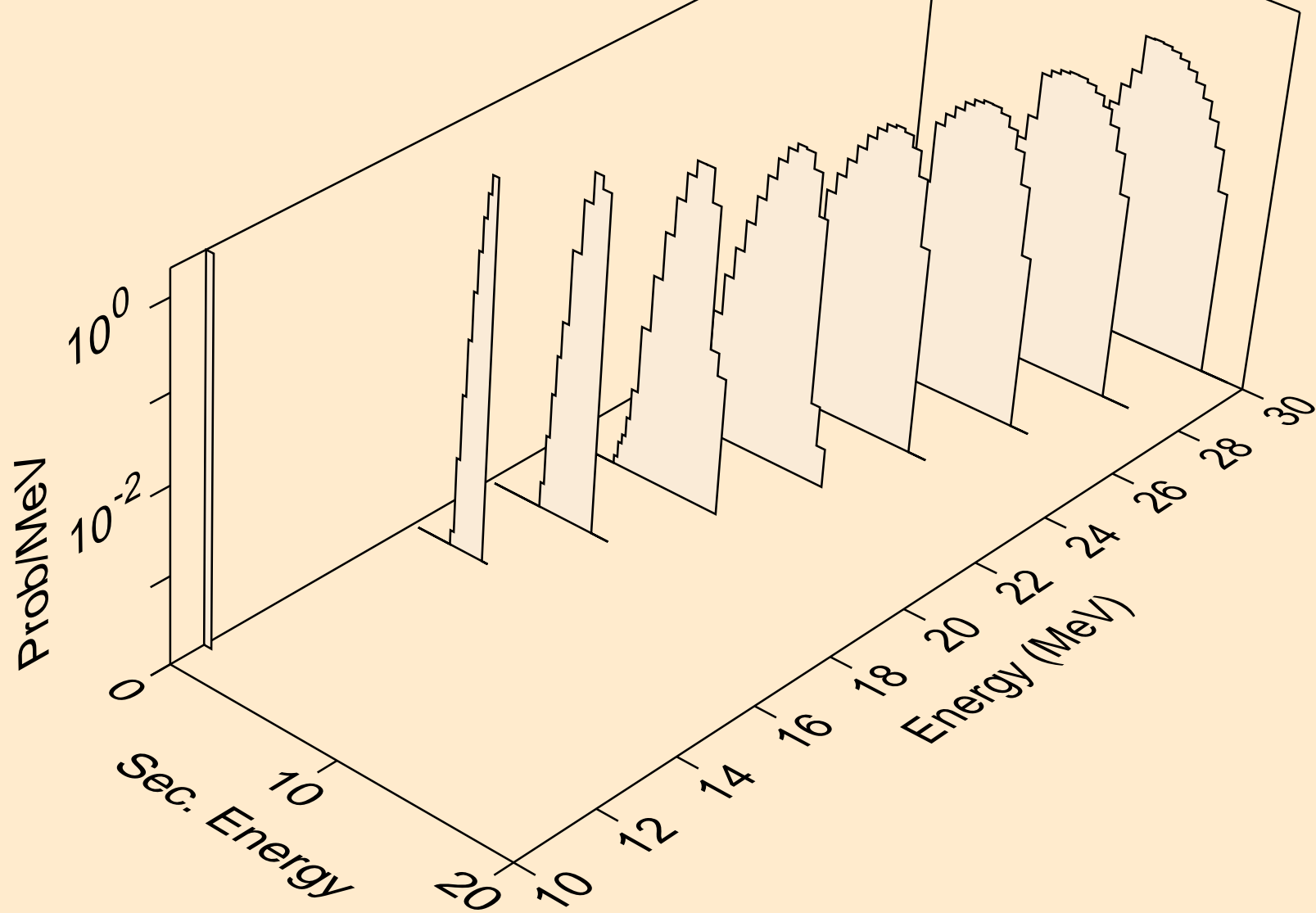
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



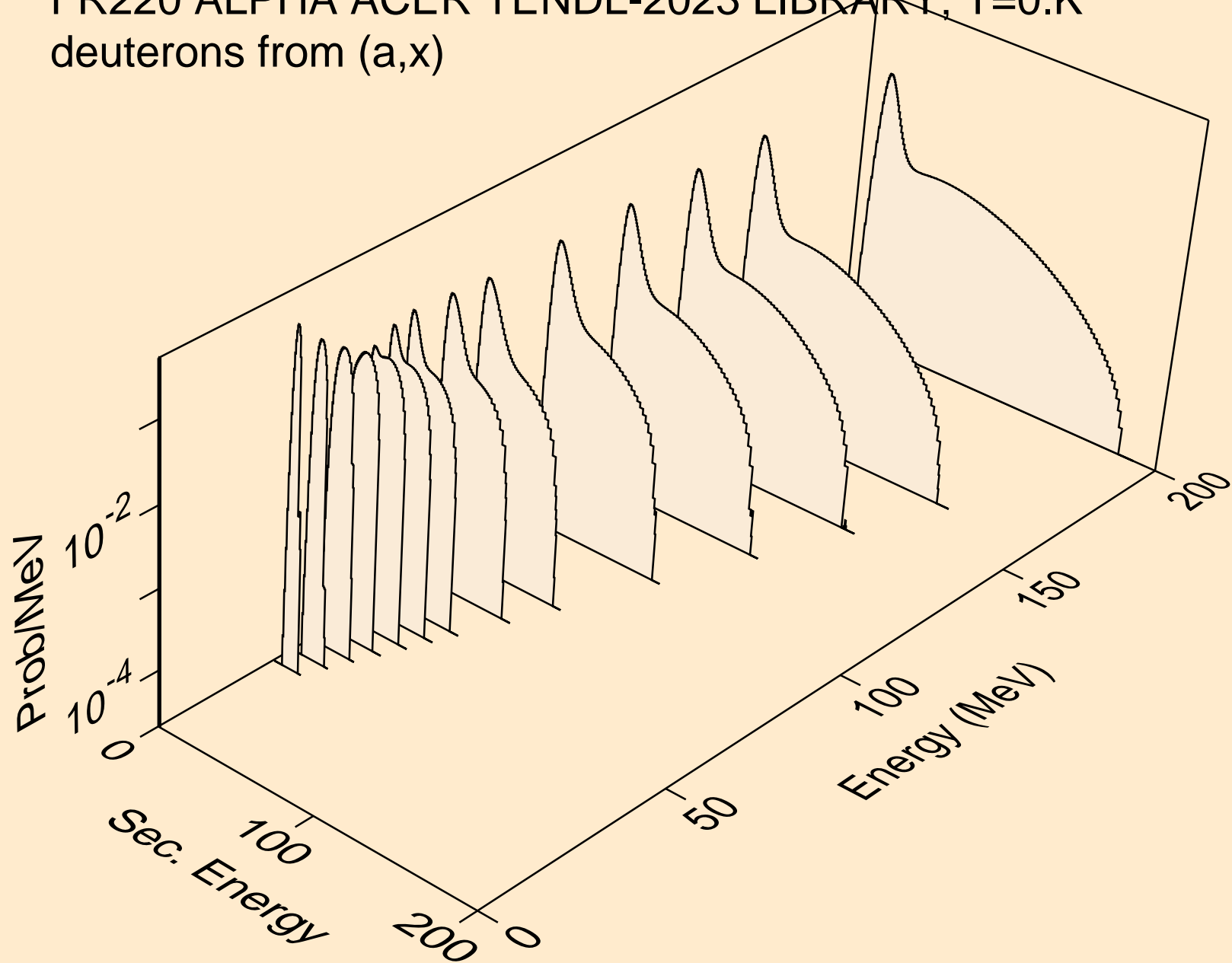
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



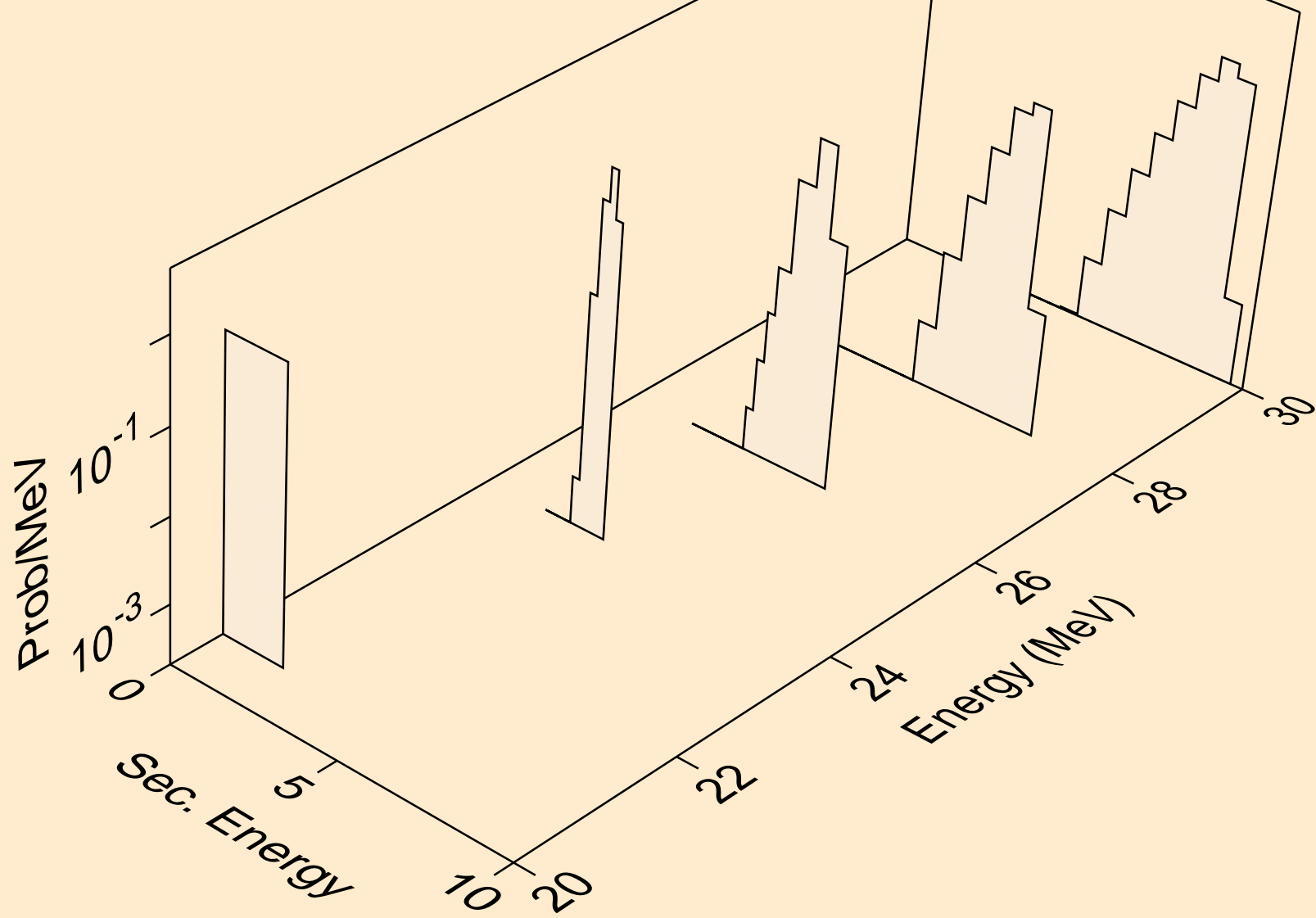
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



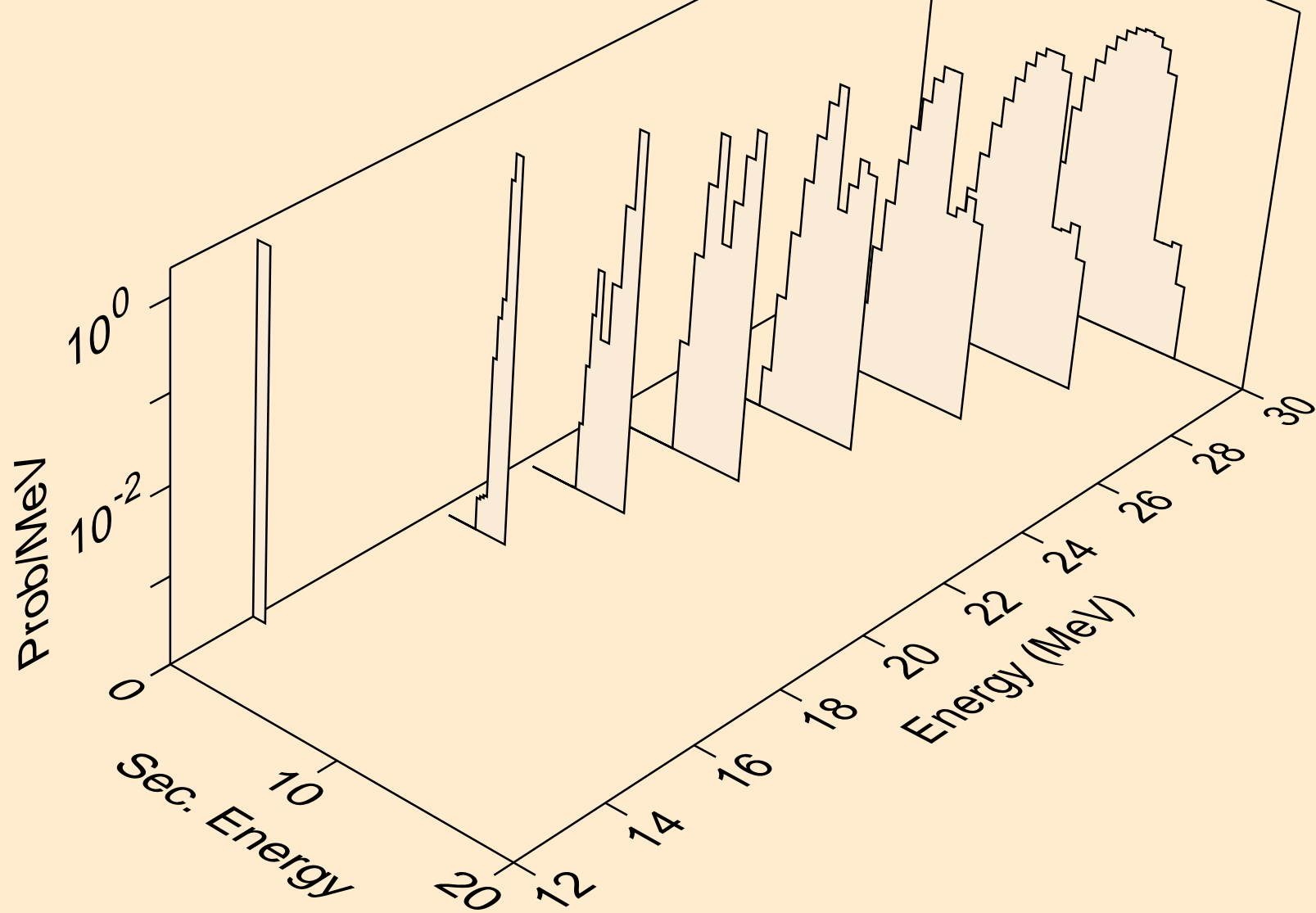
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



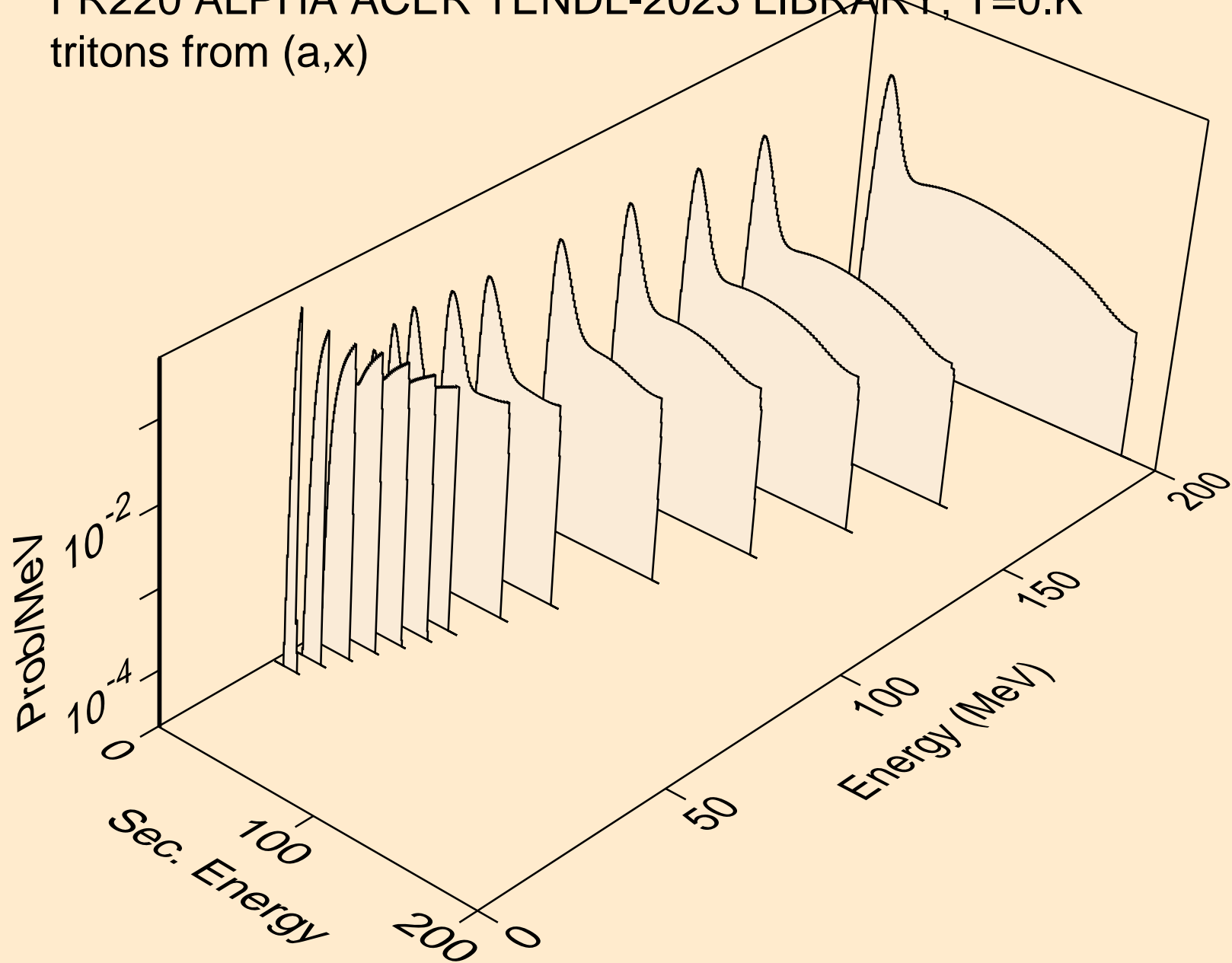
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



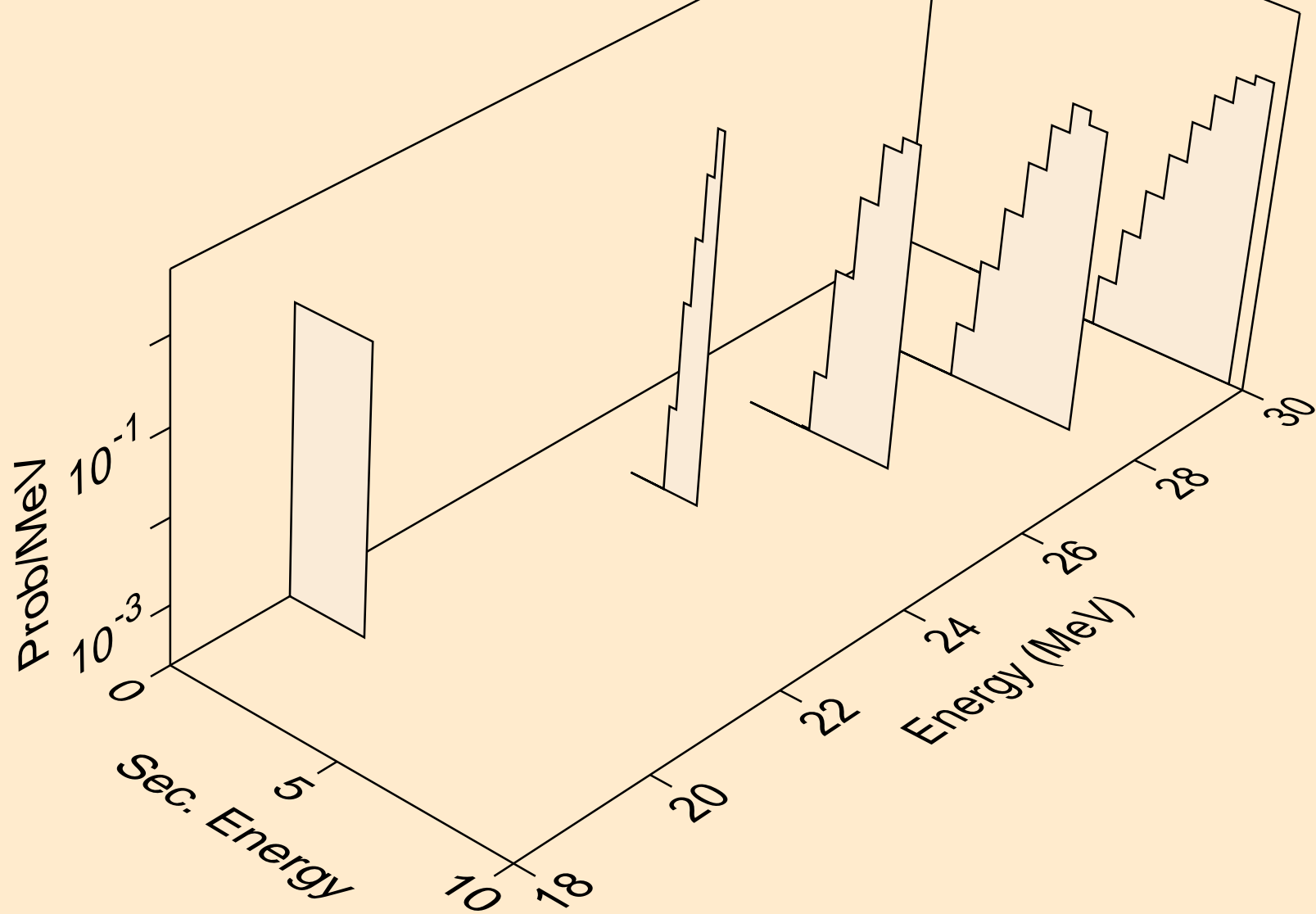
FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

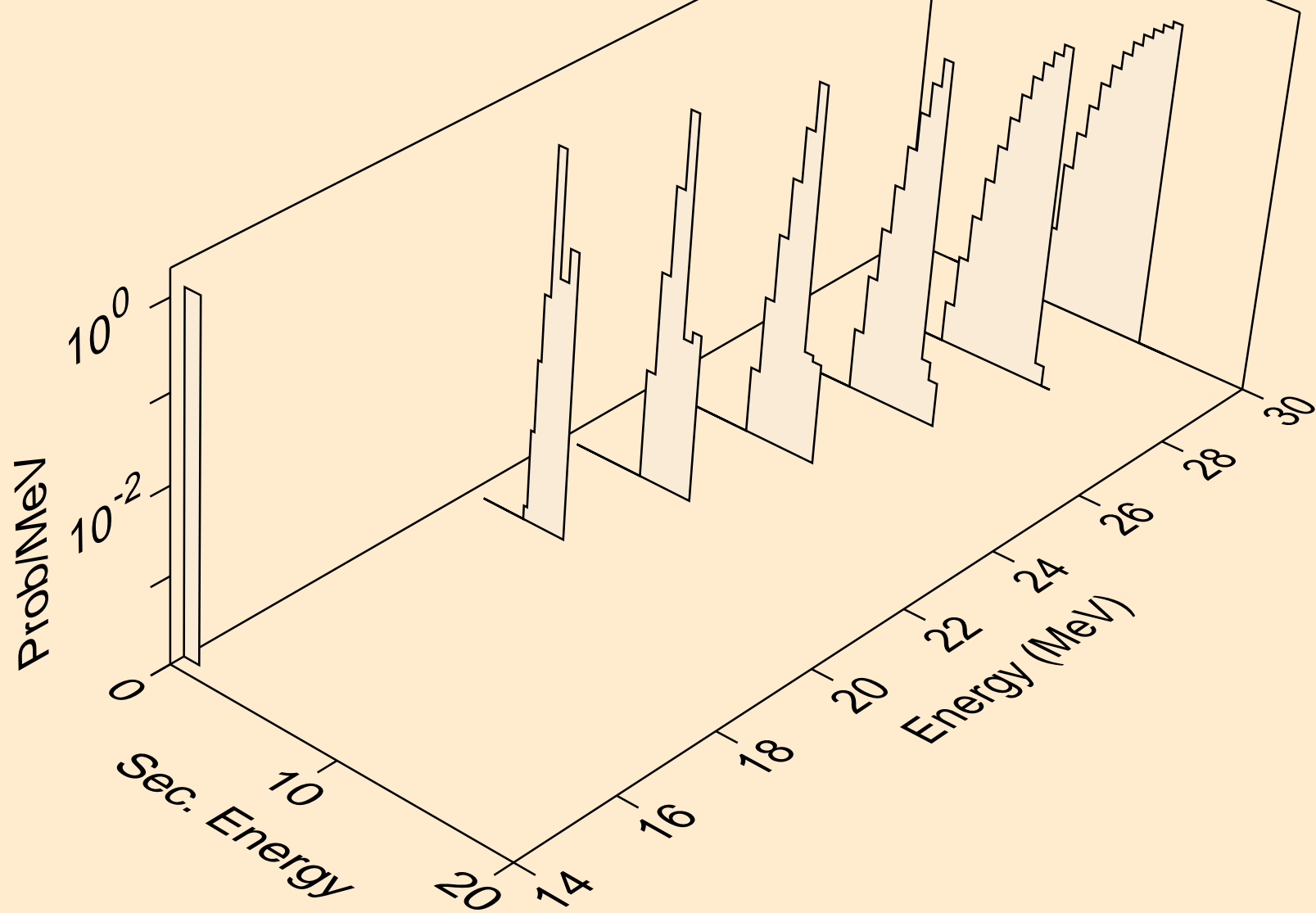


FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

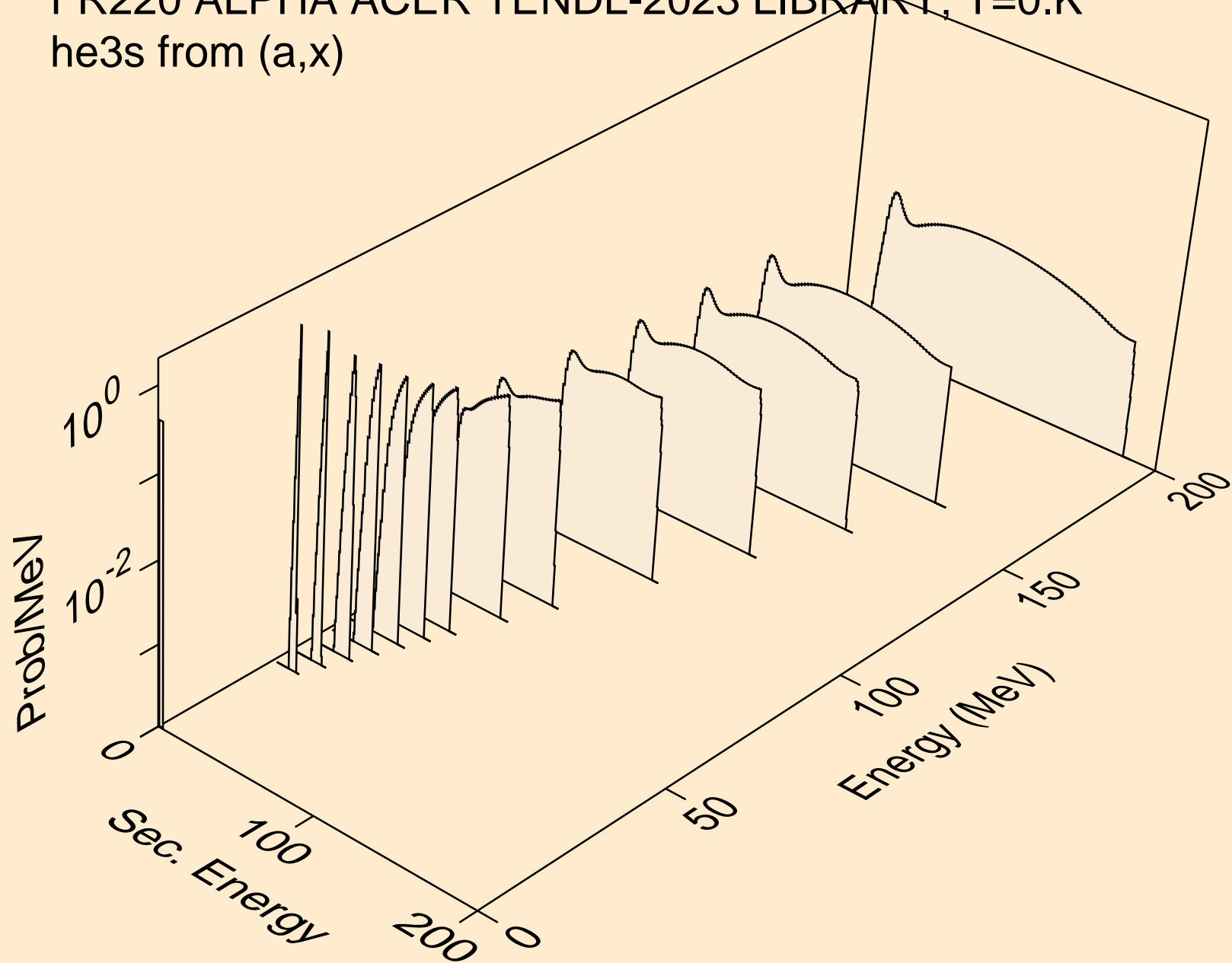




FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



FR220 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

