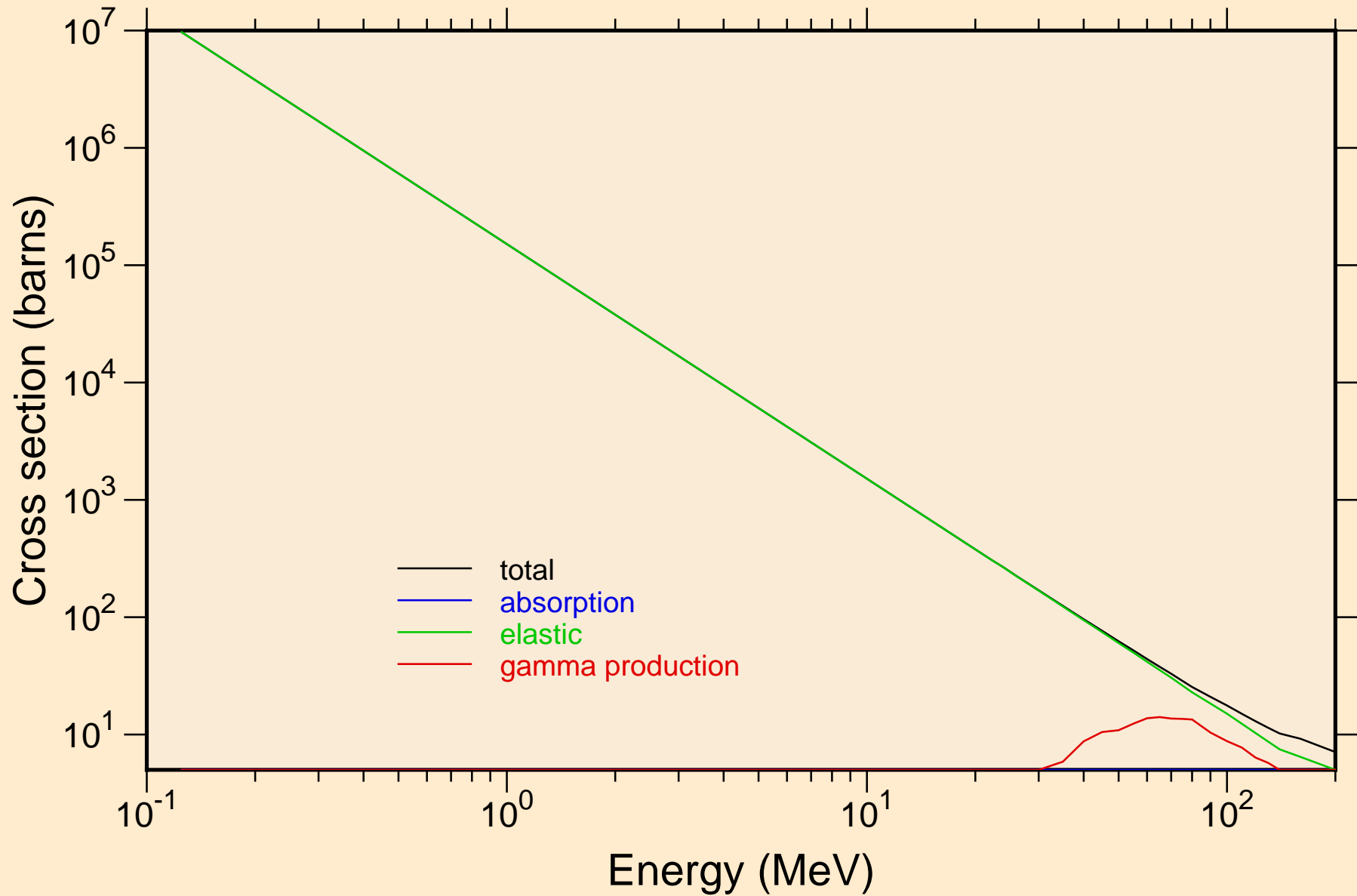
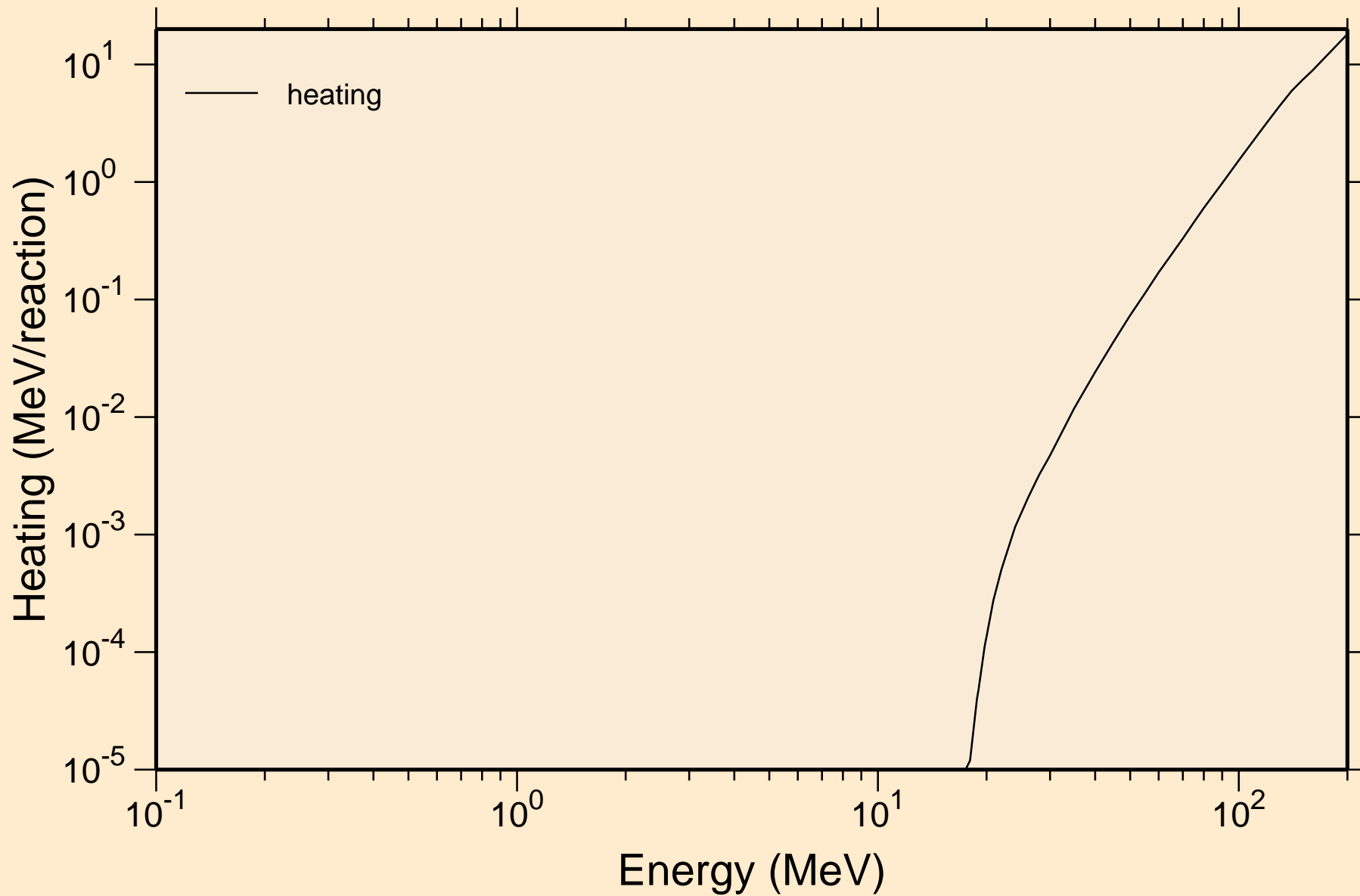


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

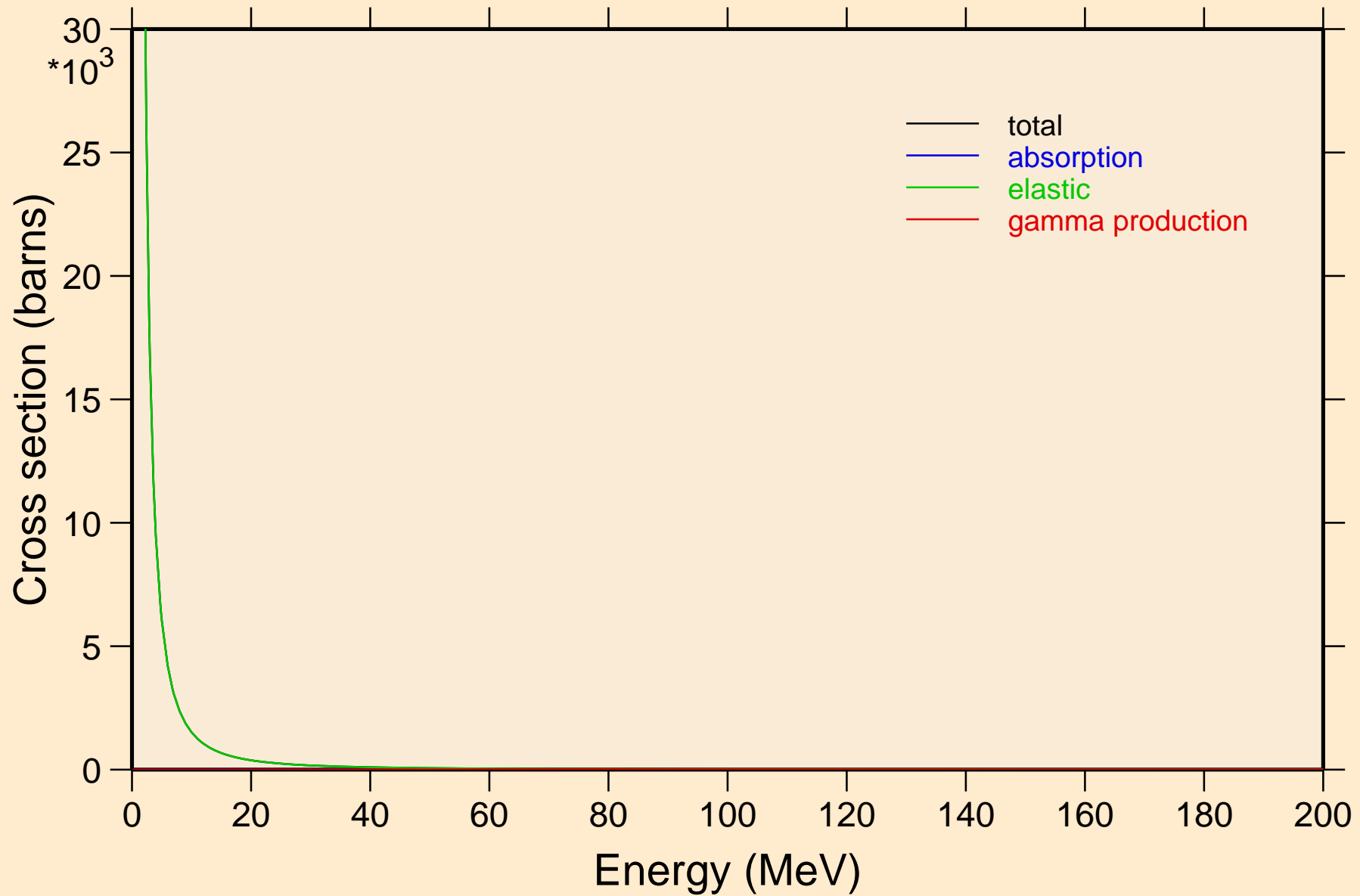


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Heating



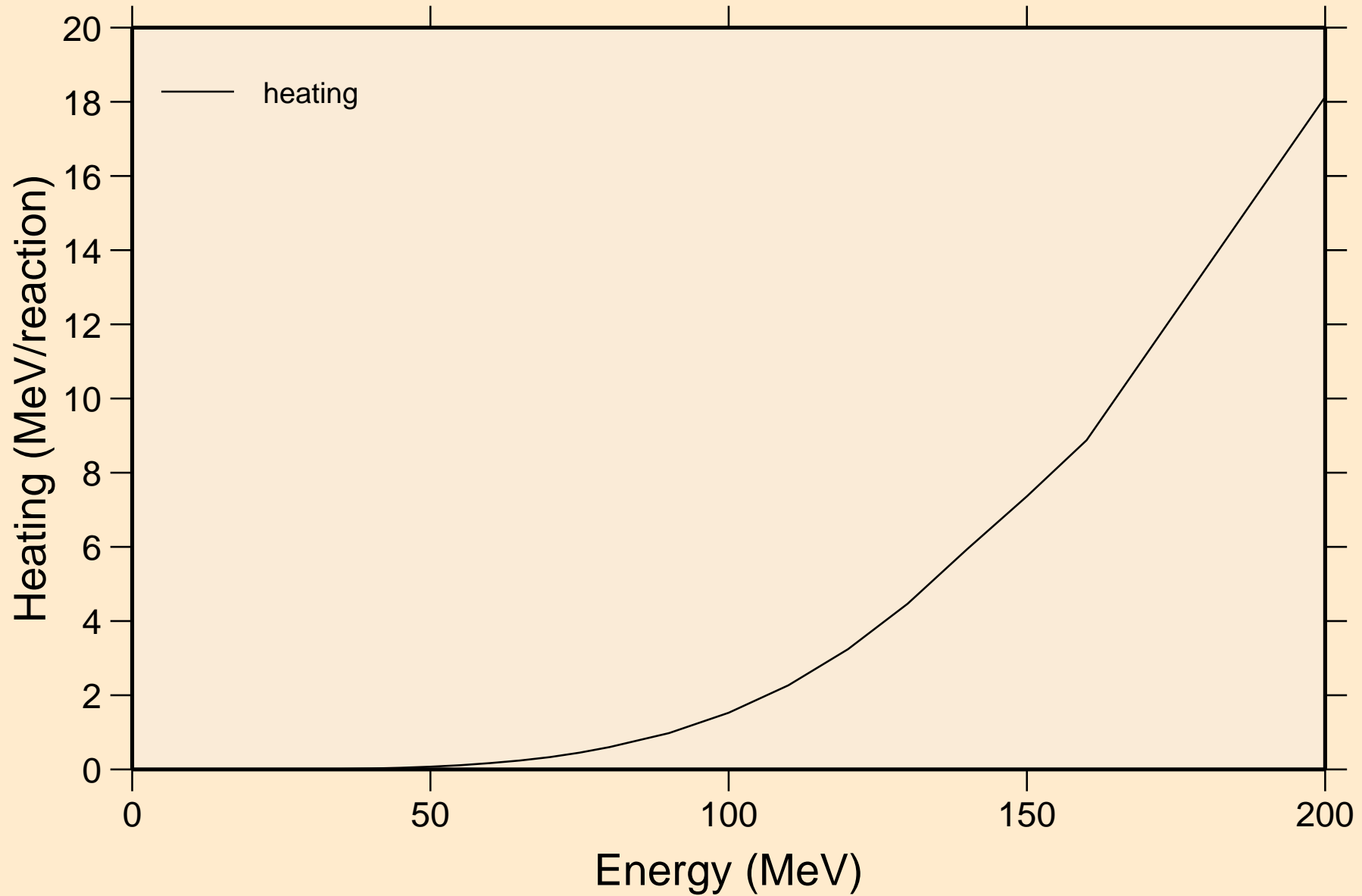
# IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

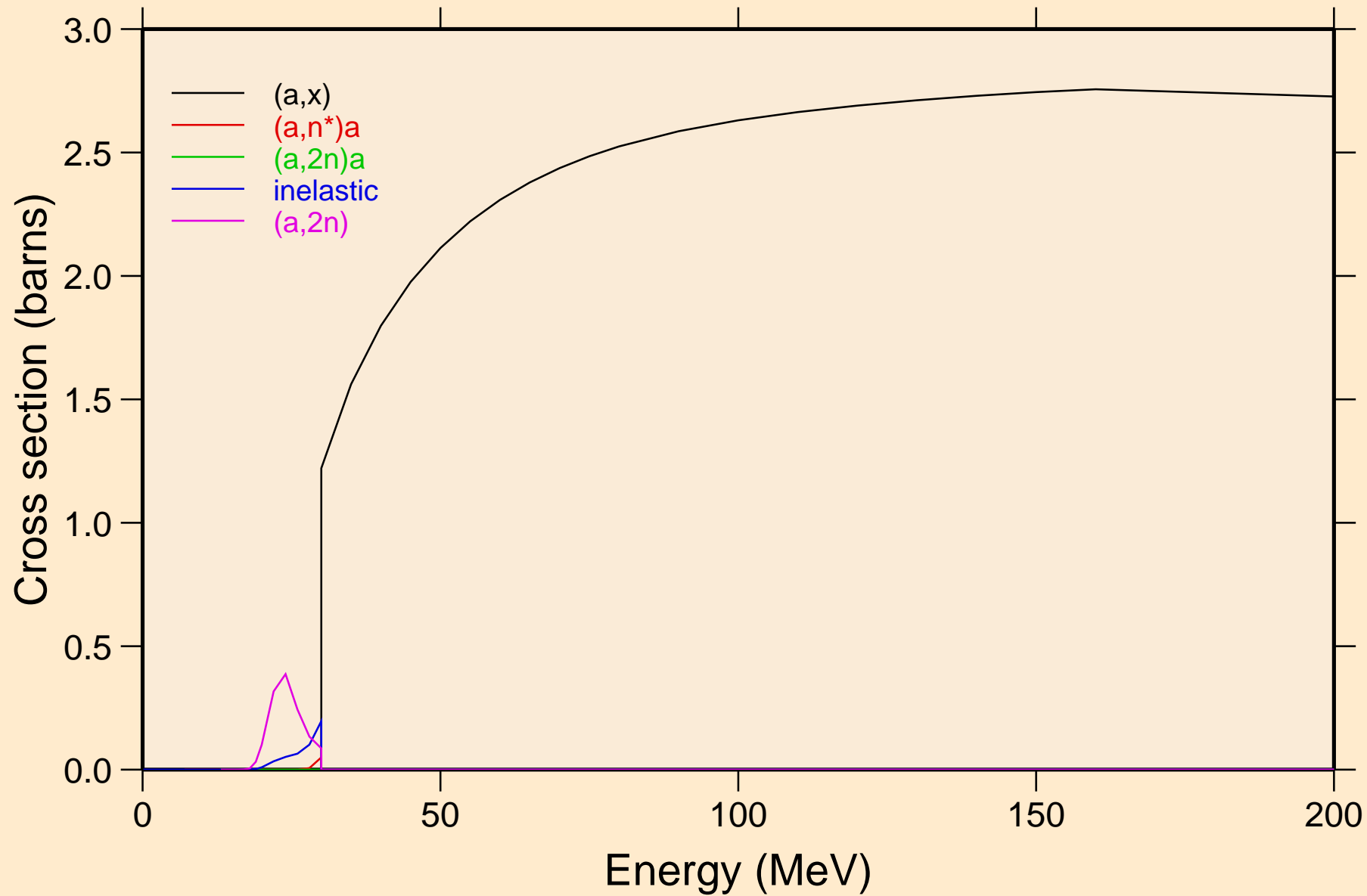


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

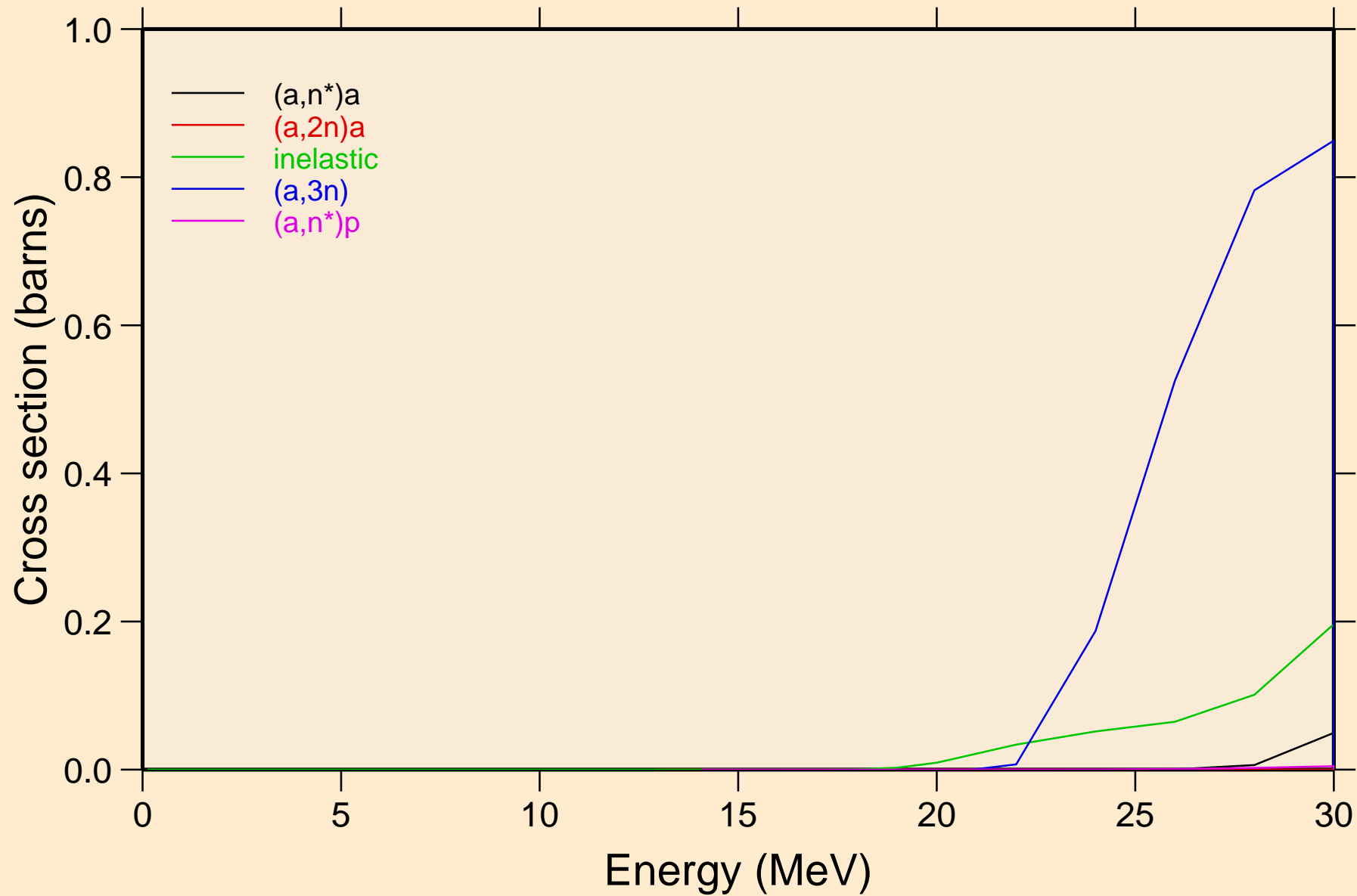
Heating



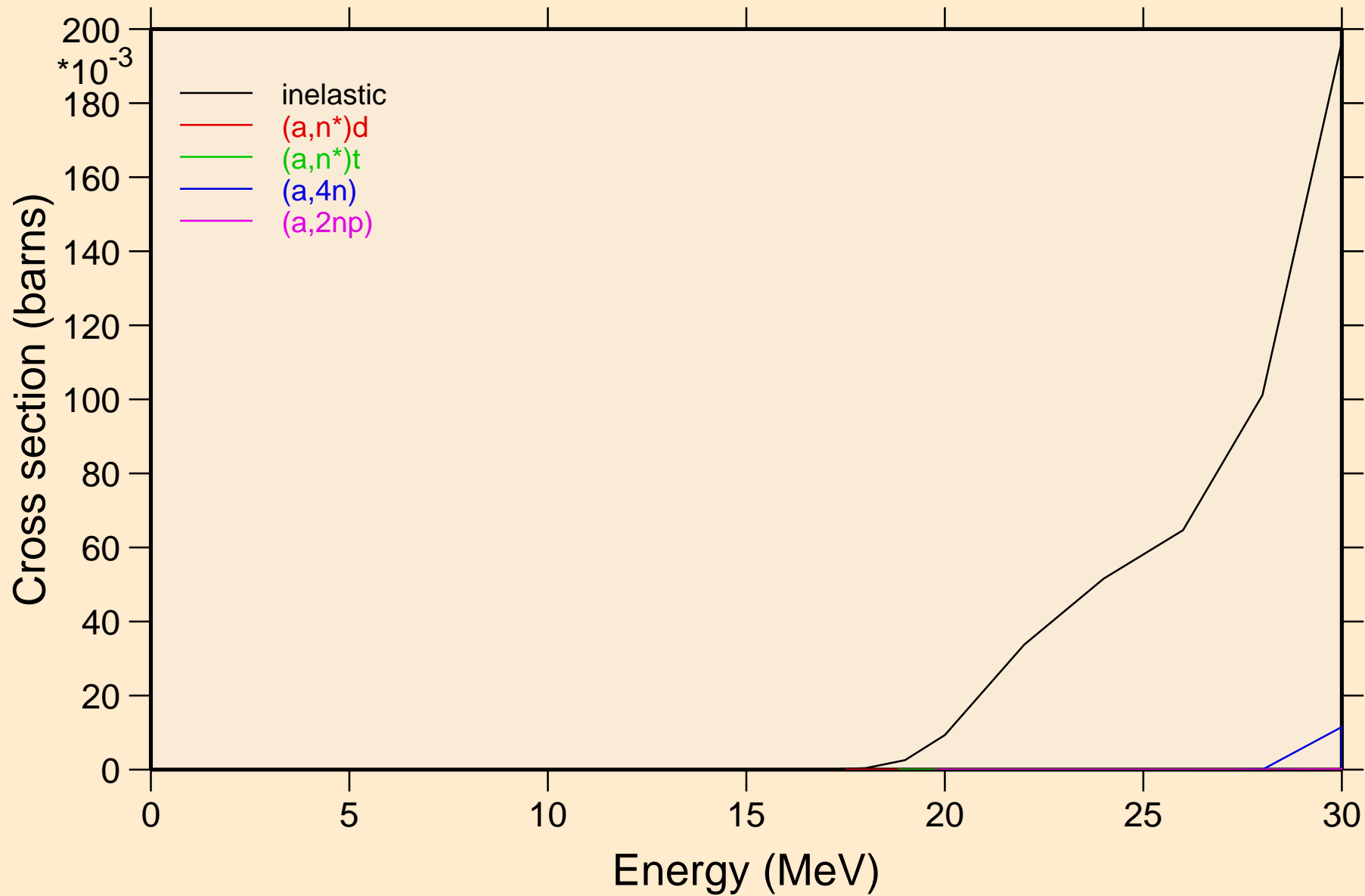
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



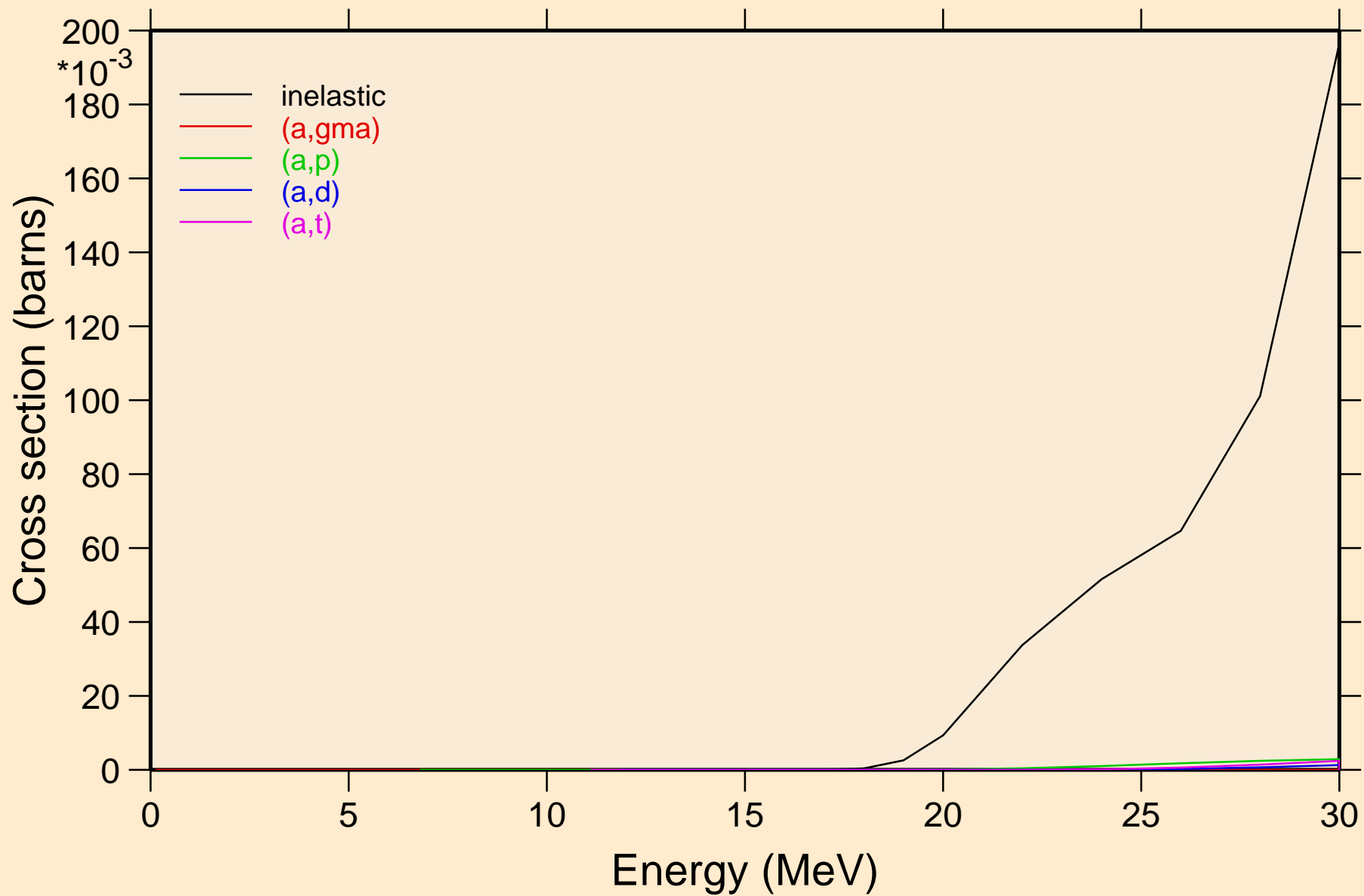
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

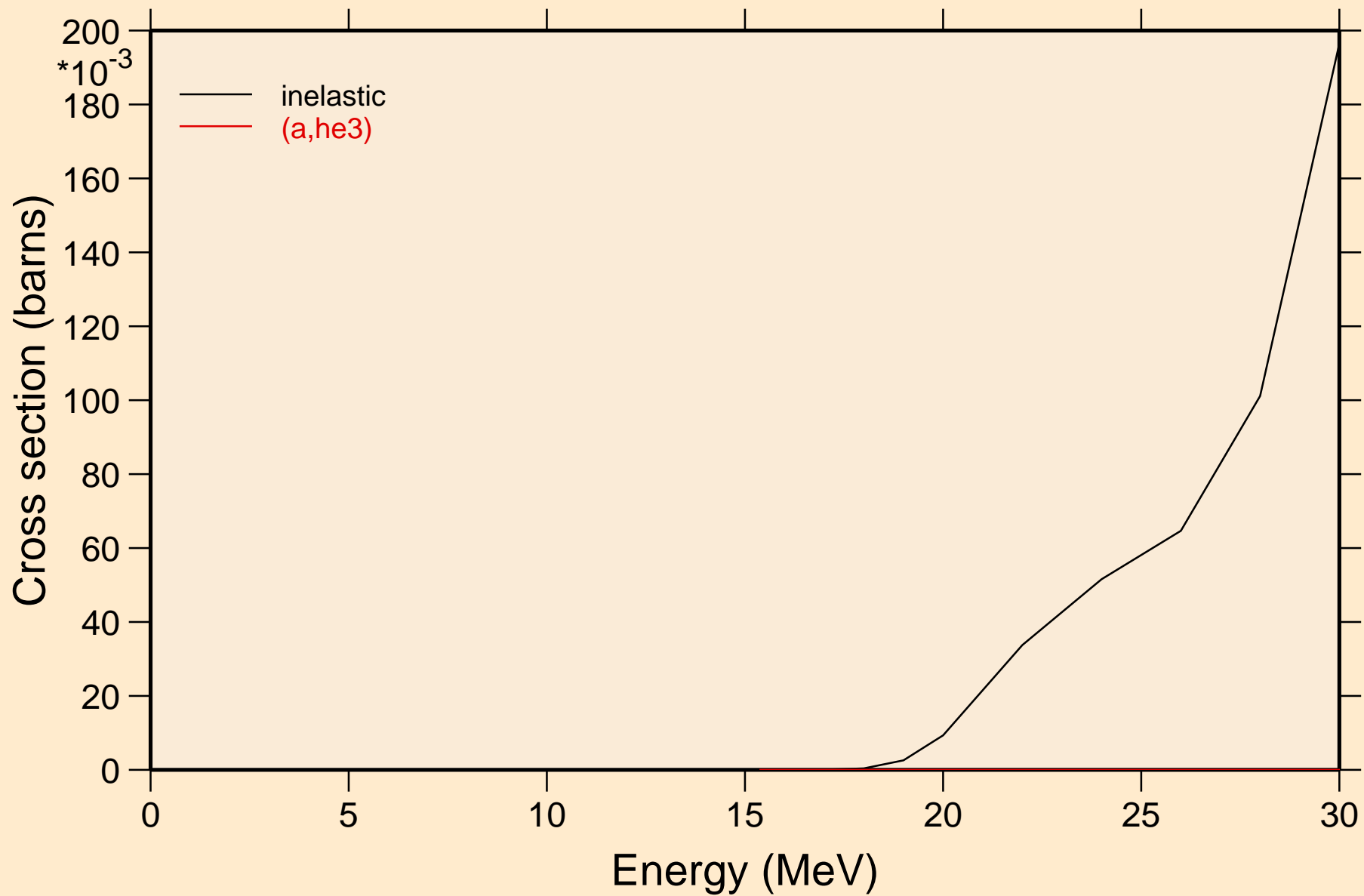


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

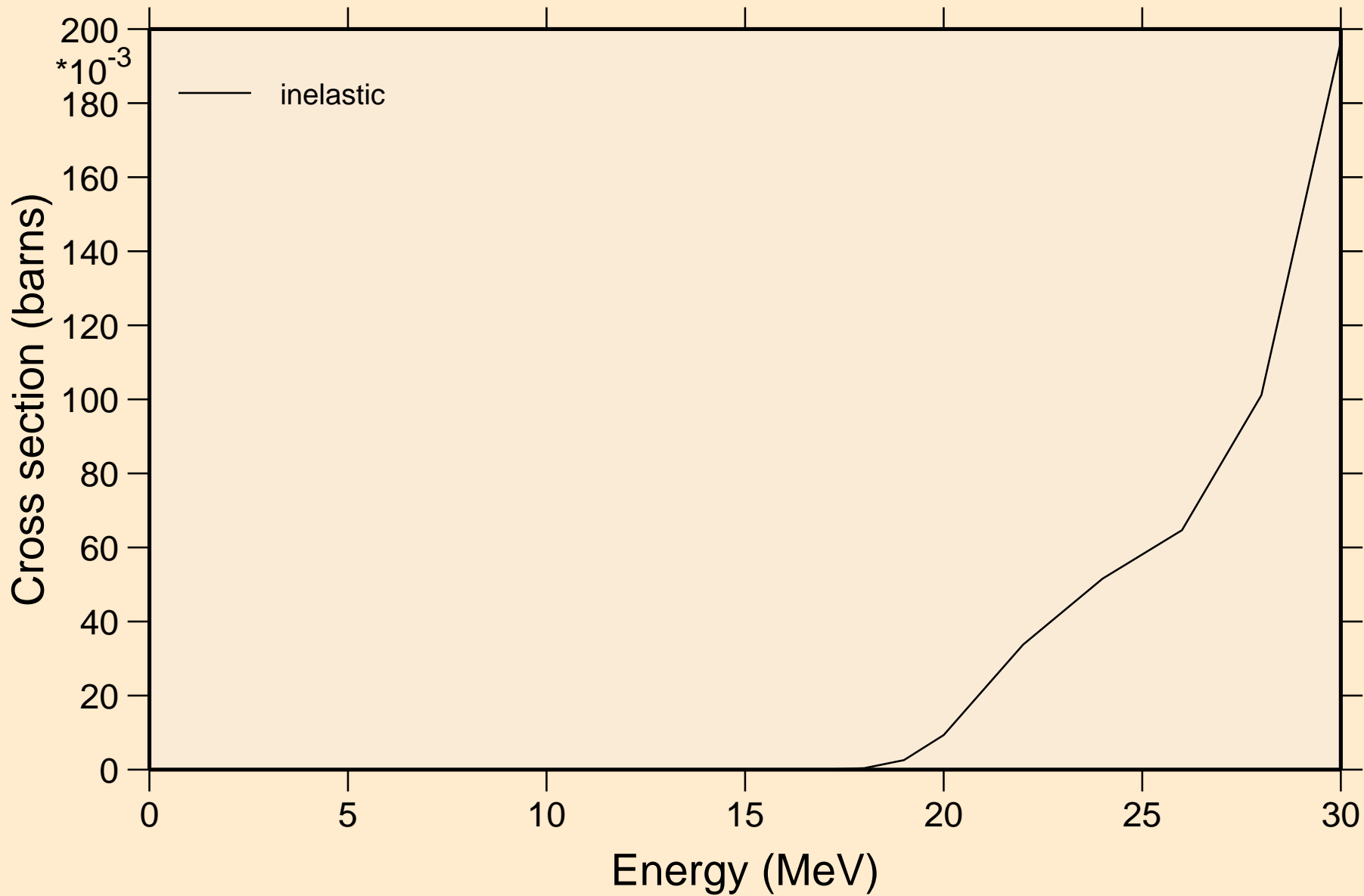




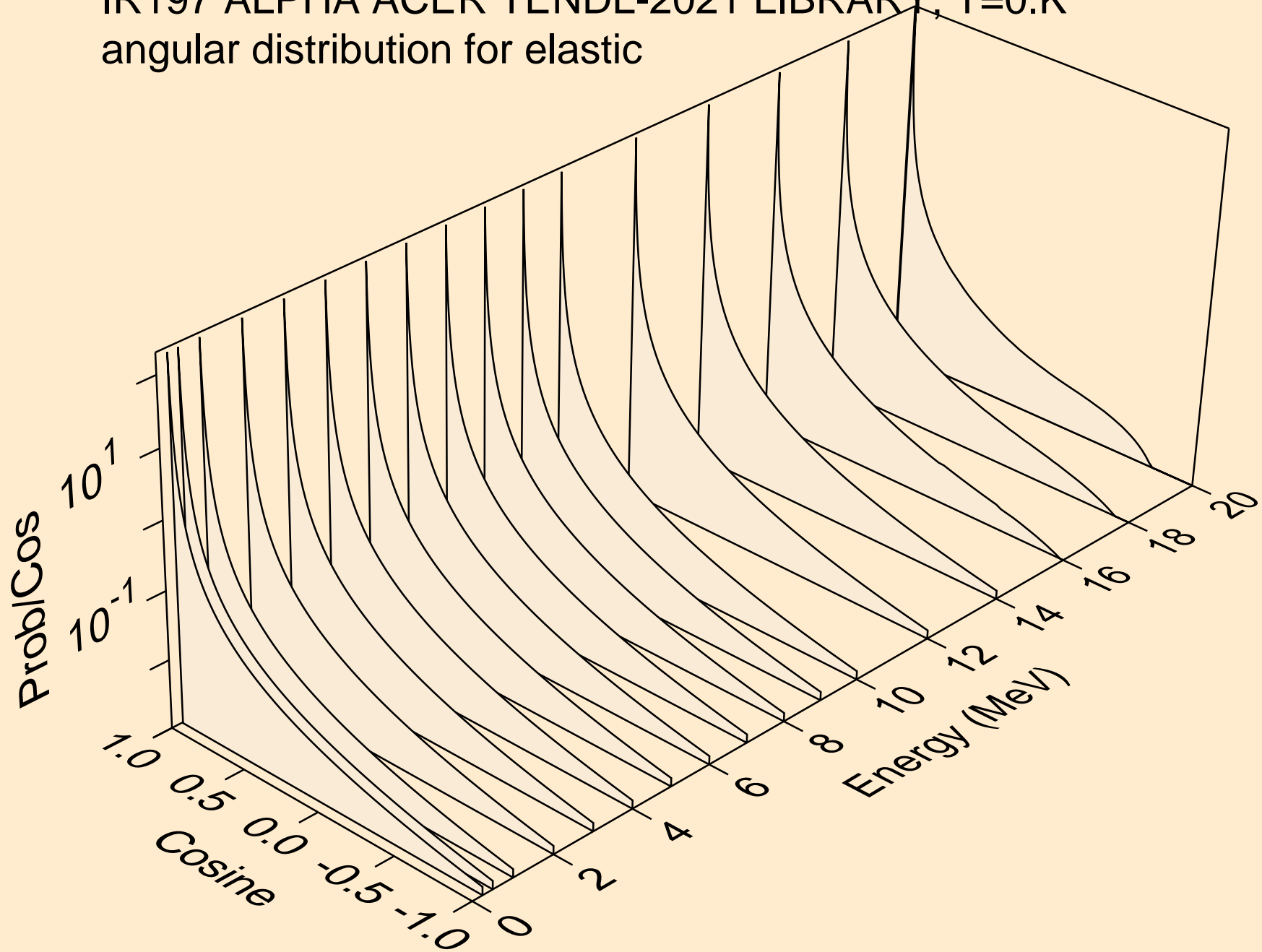
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



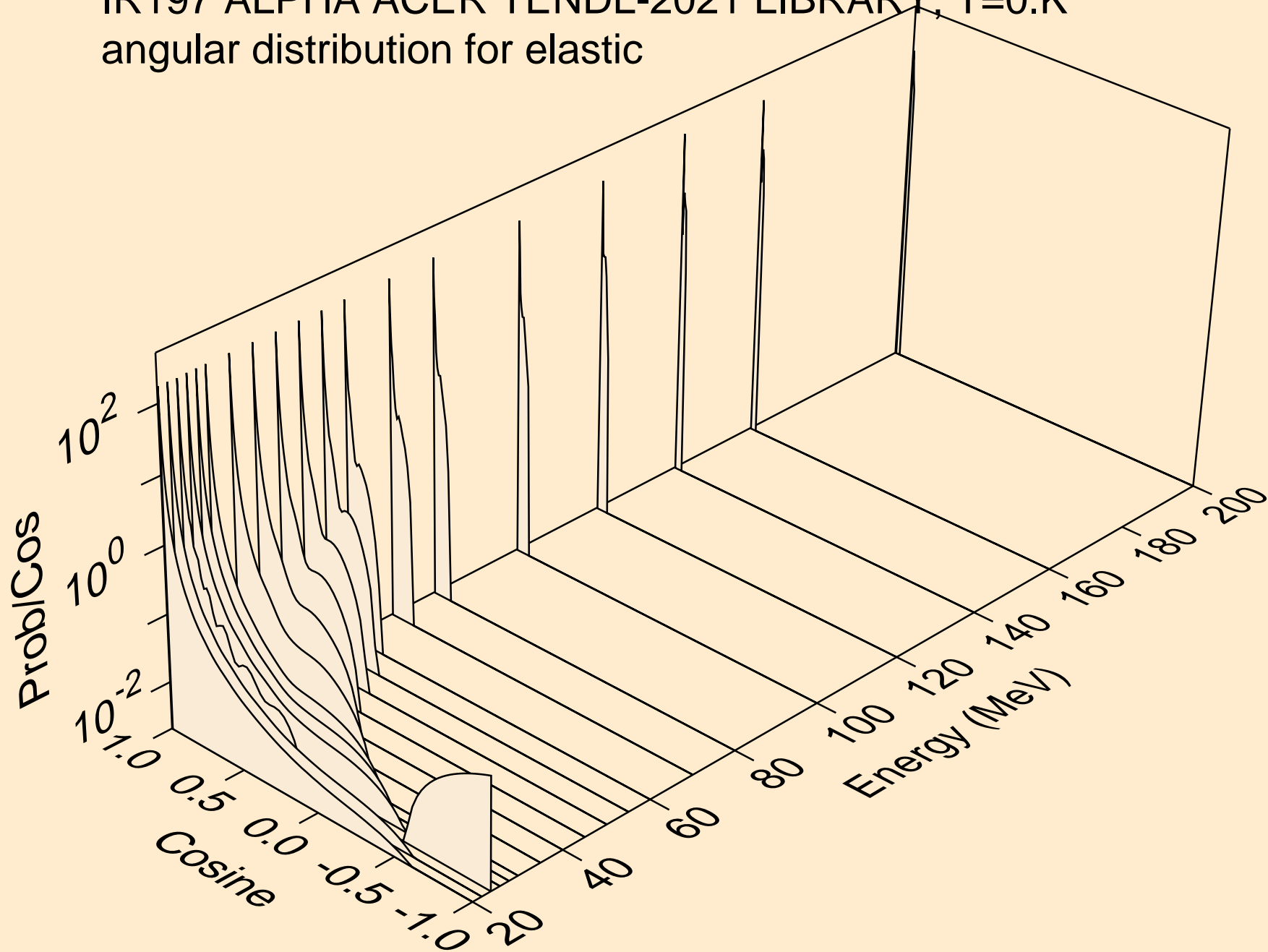
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



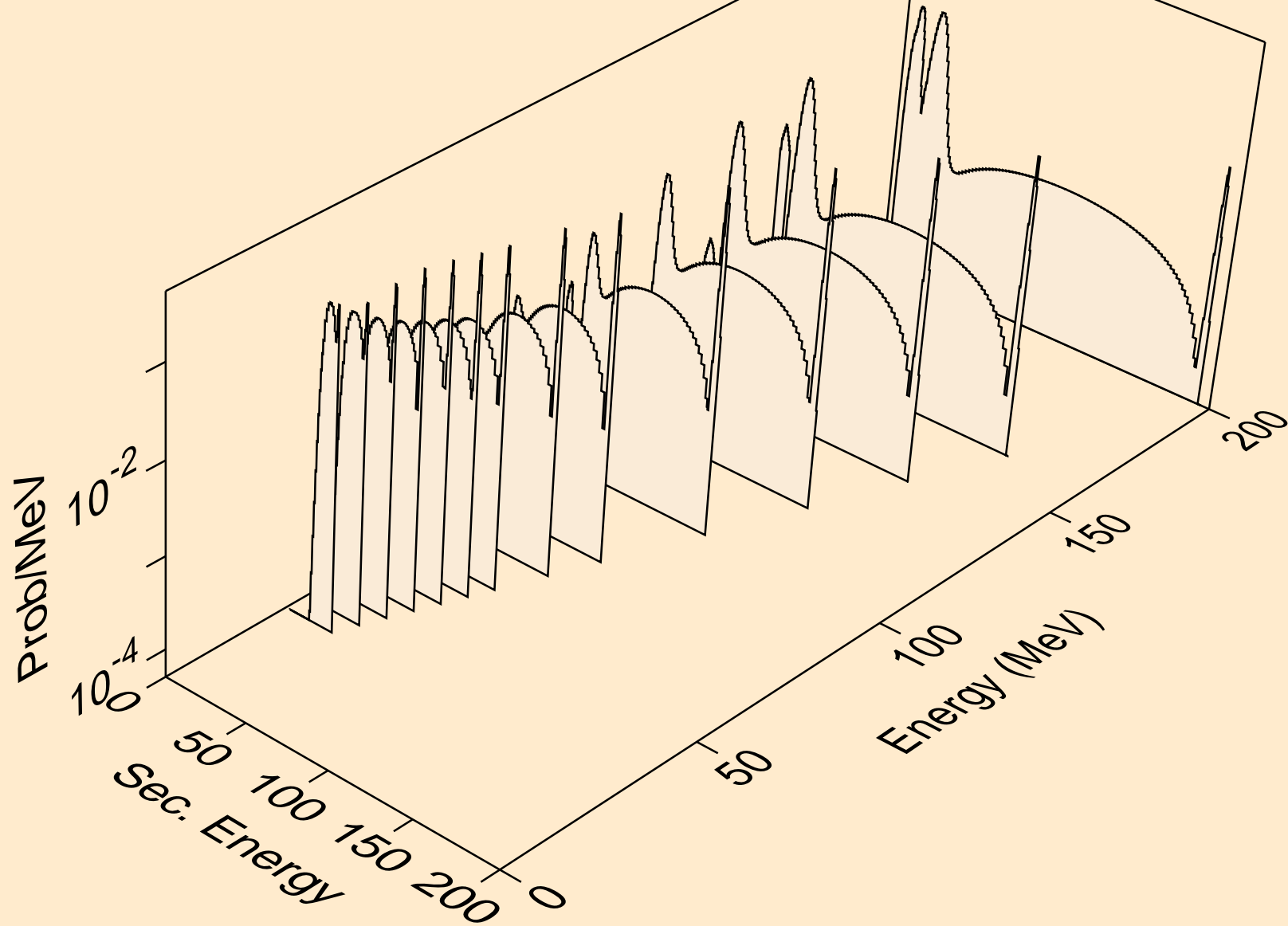
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



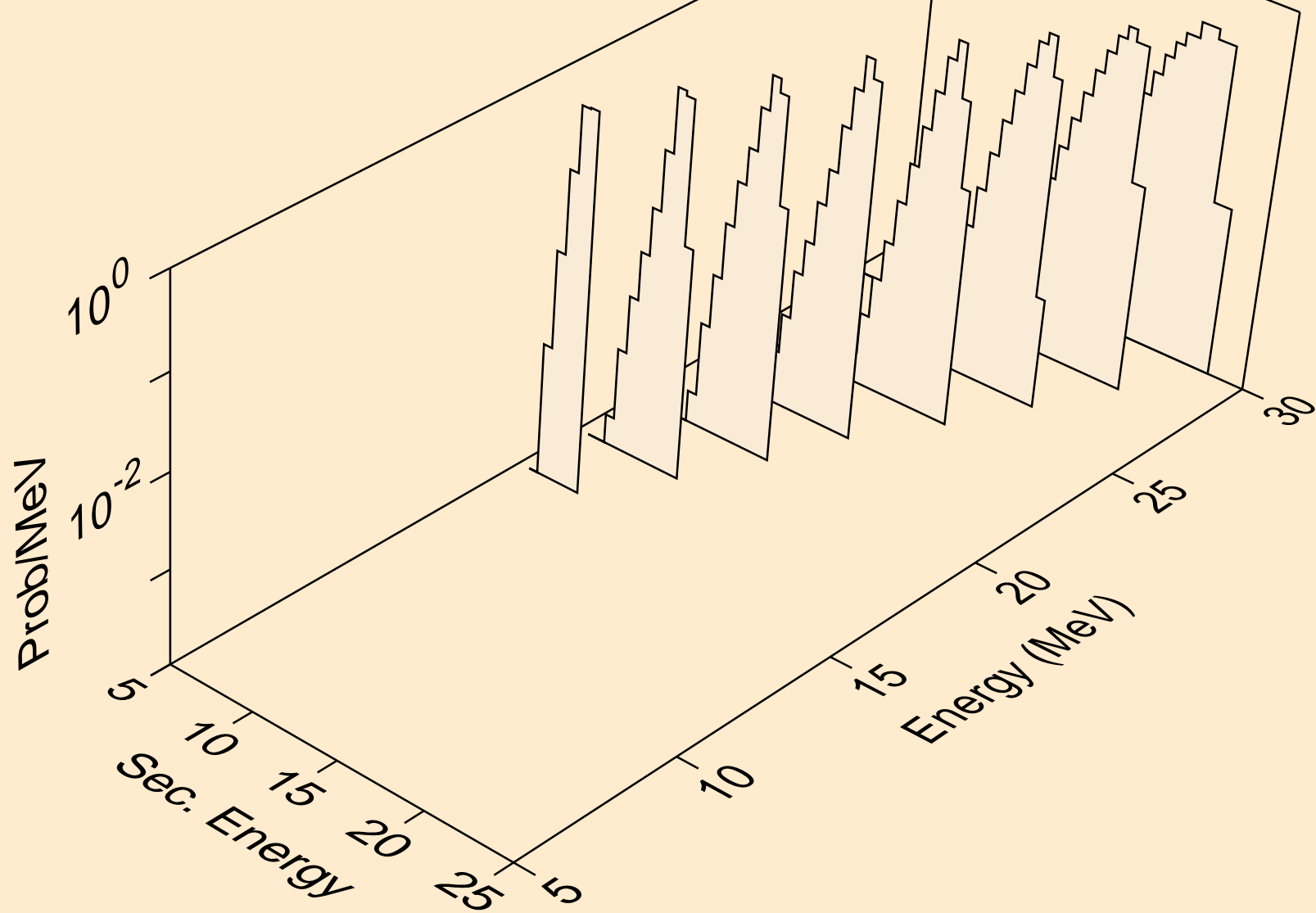
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



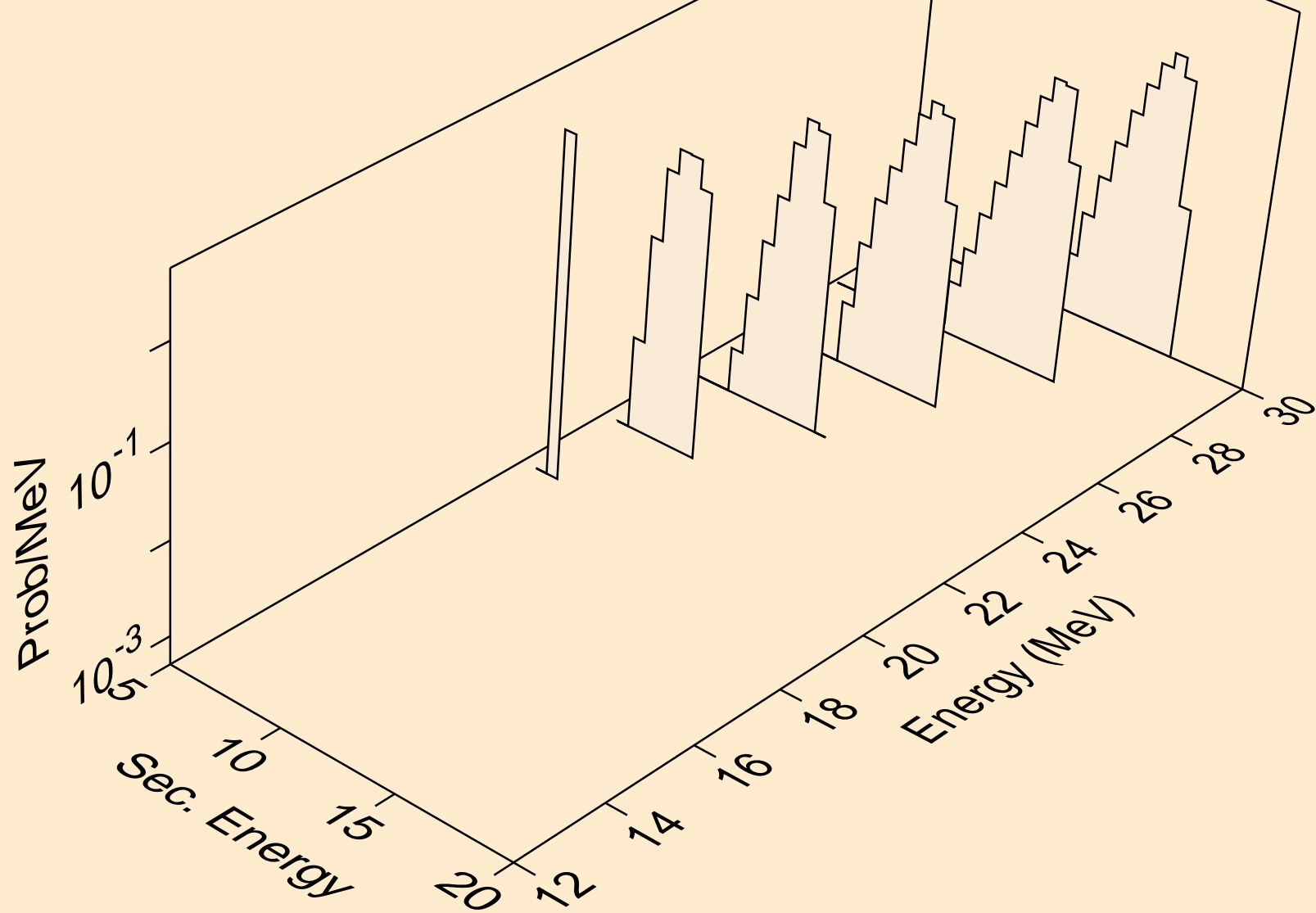
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



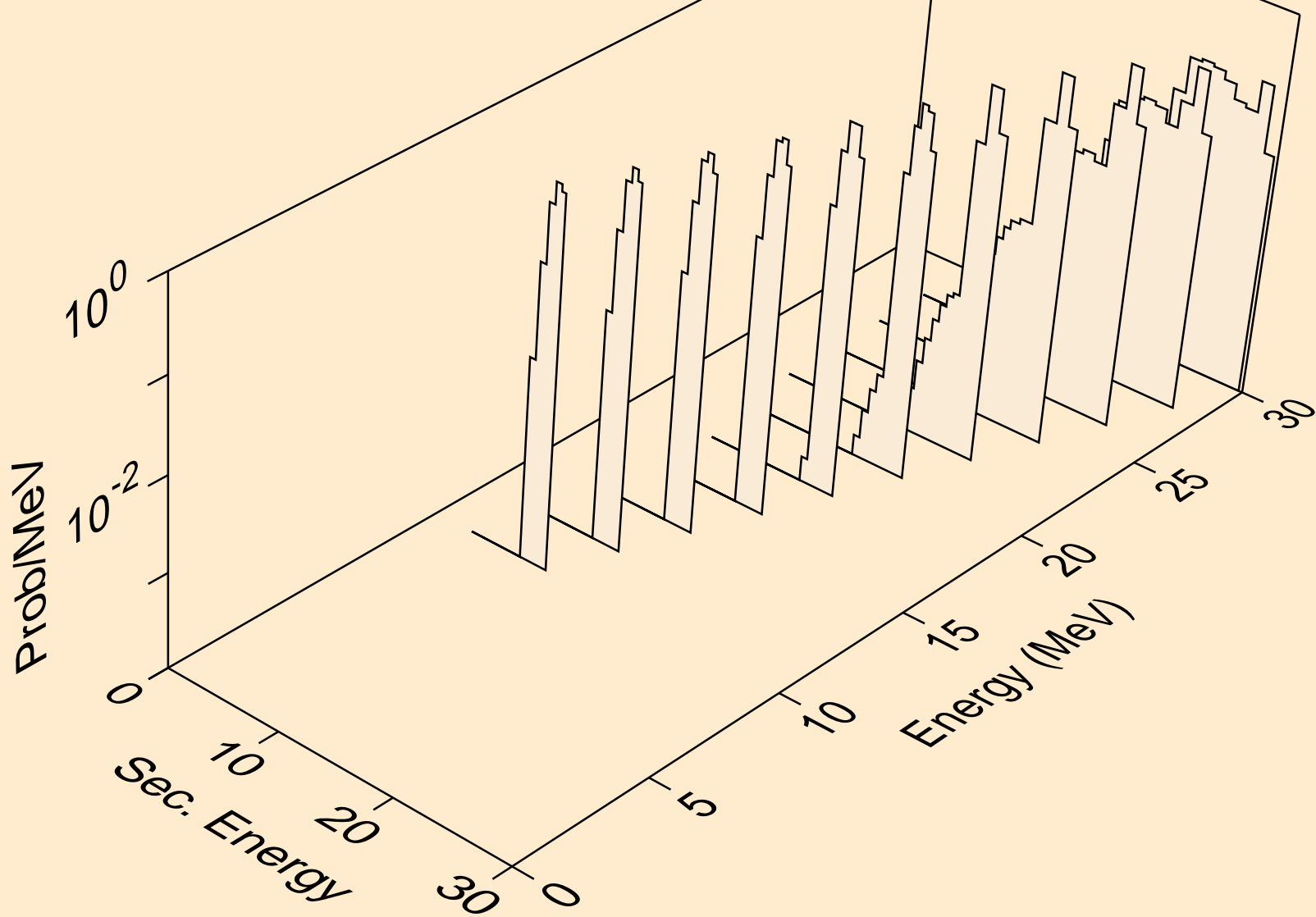
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

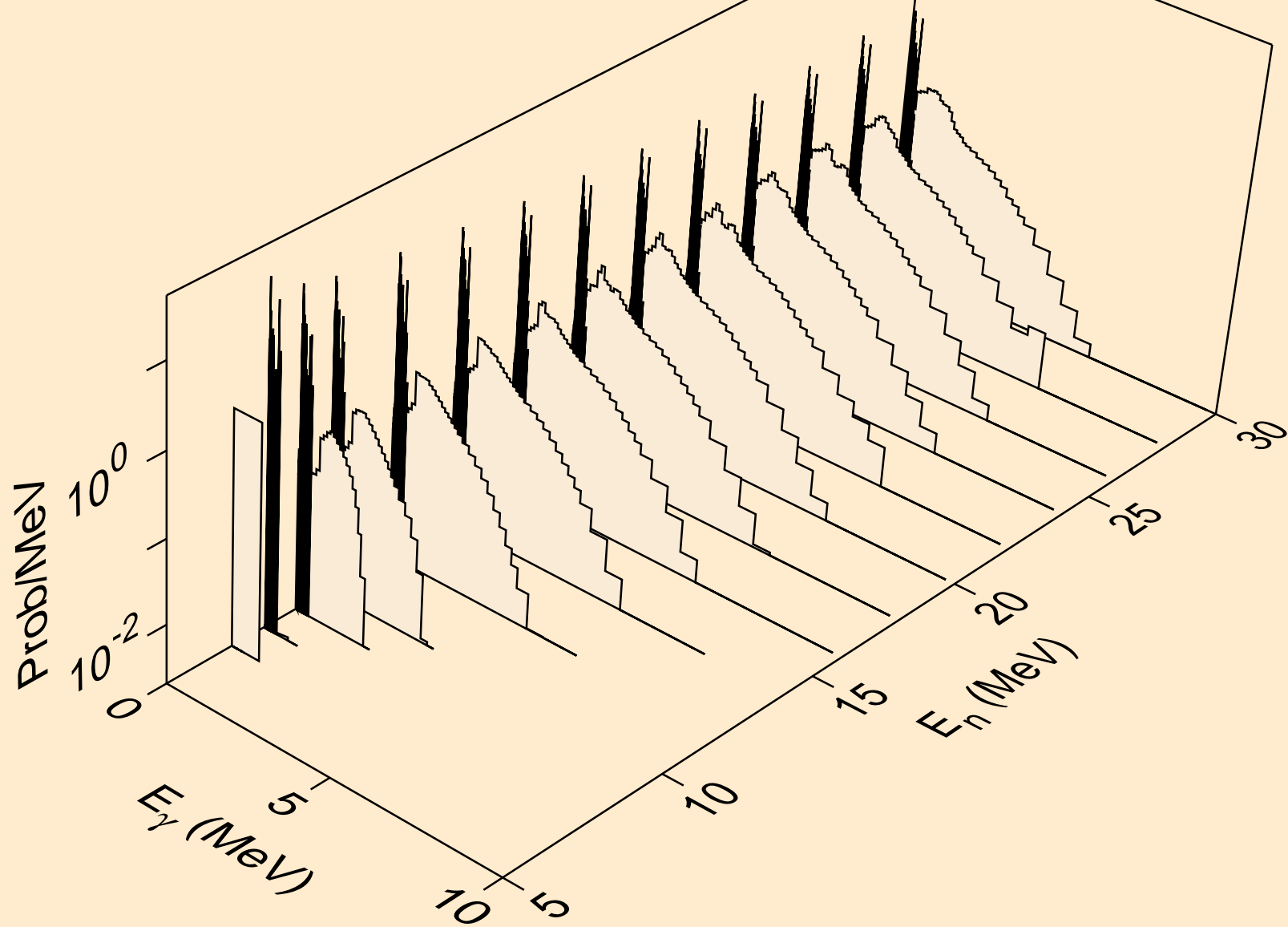


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

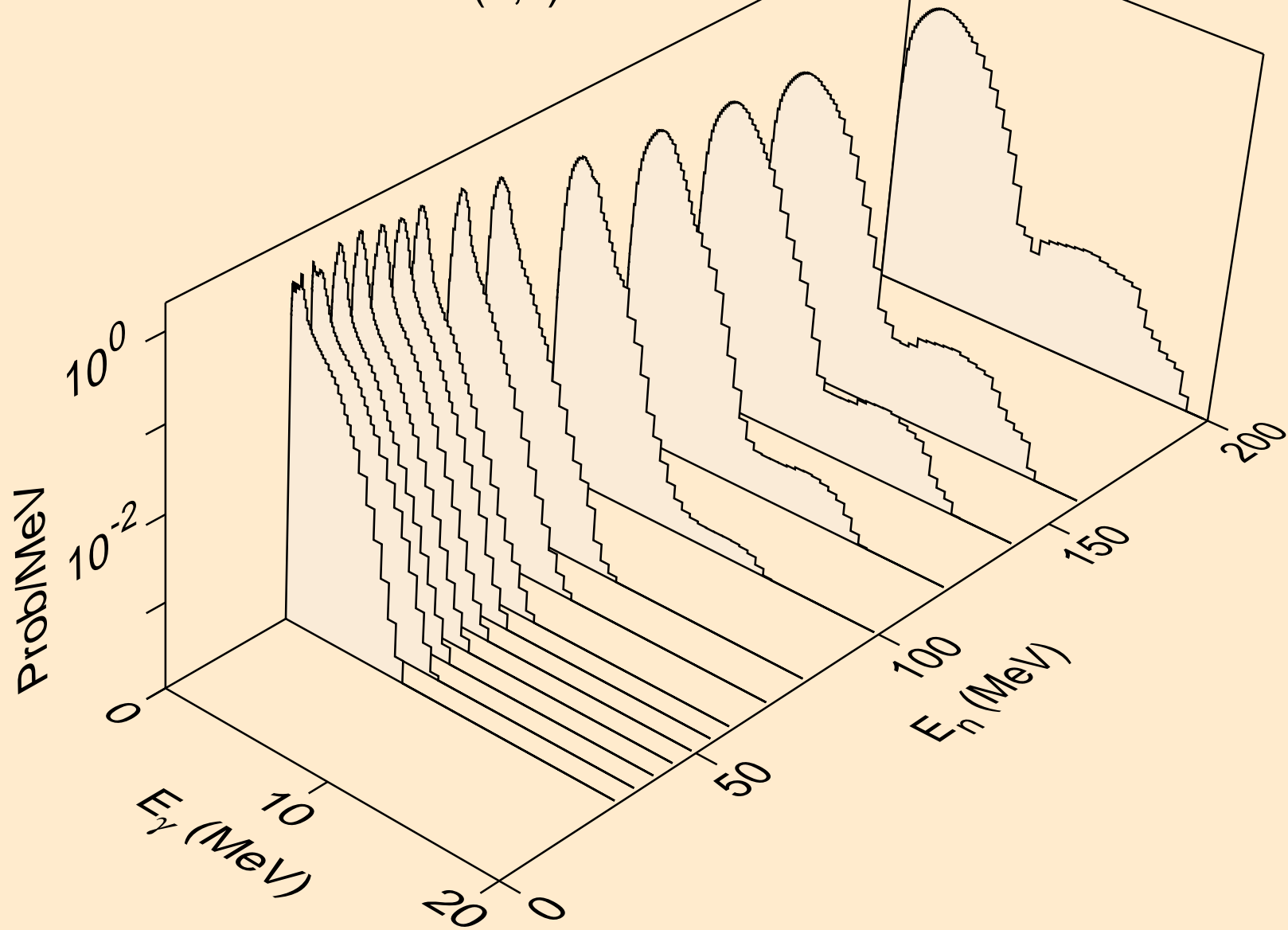




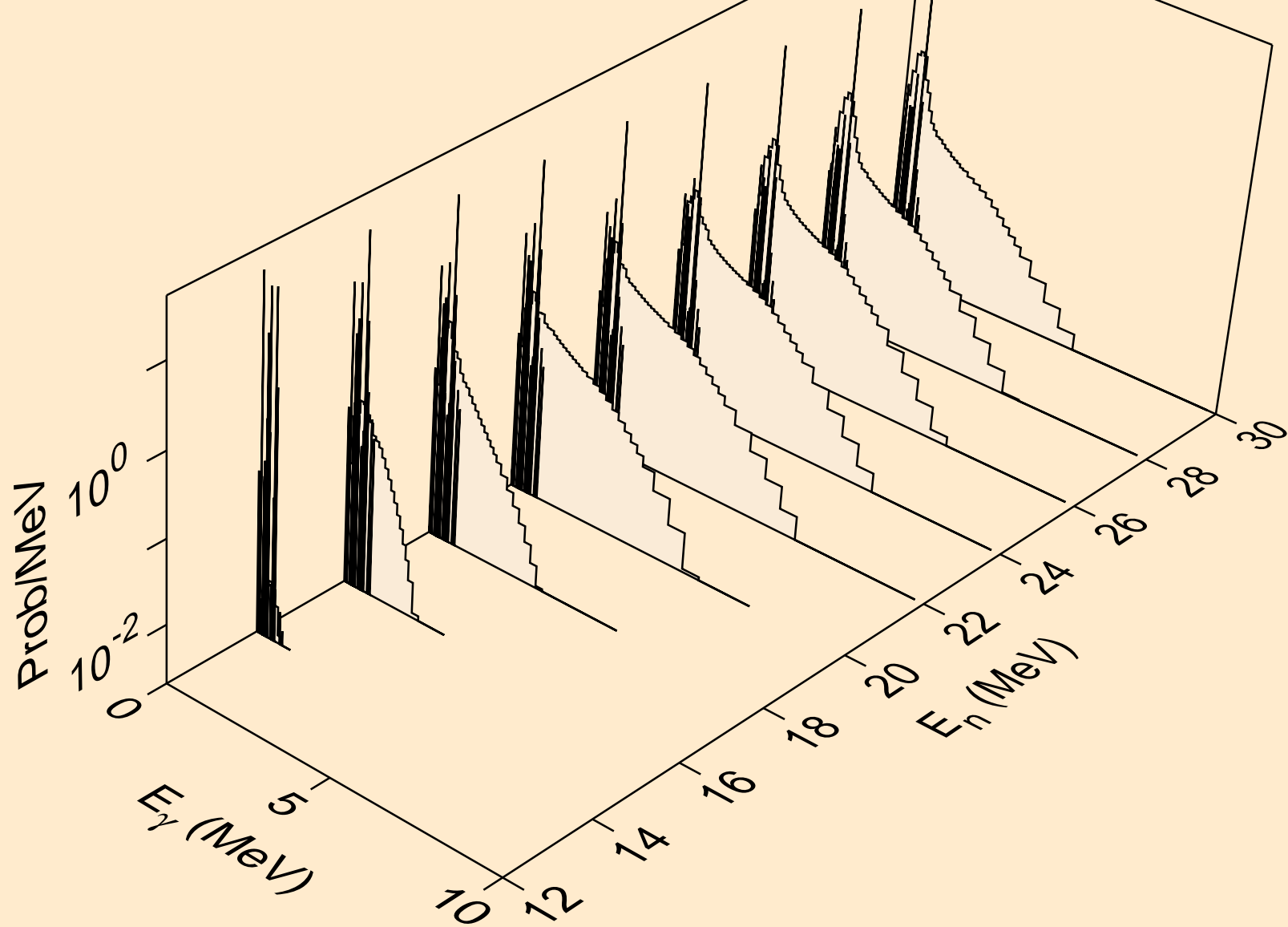
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



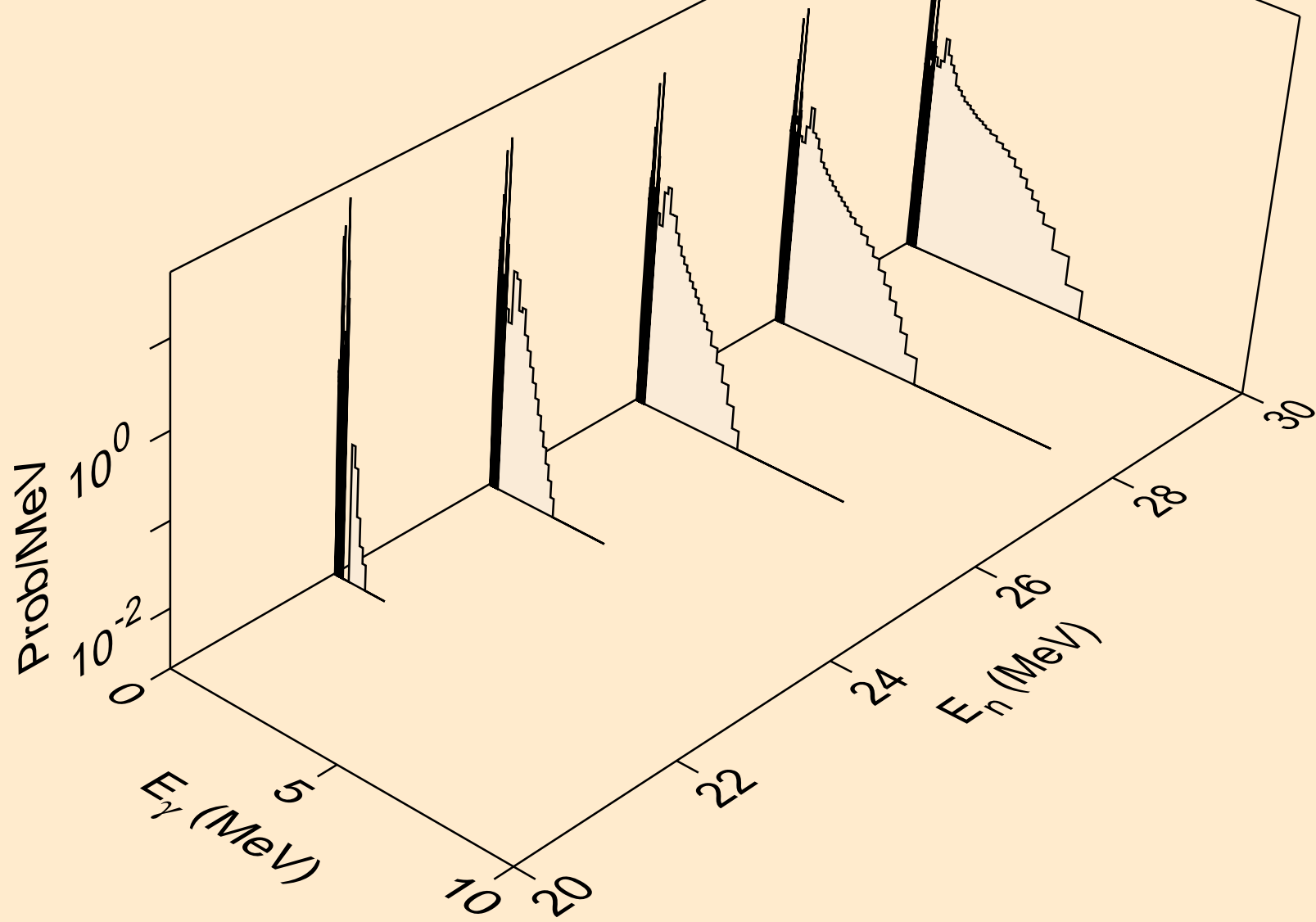
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



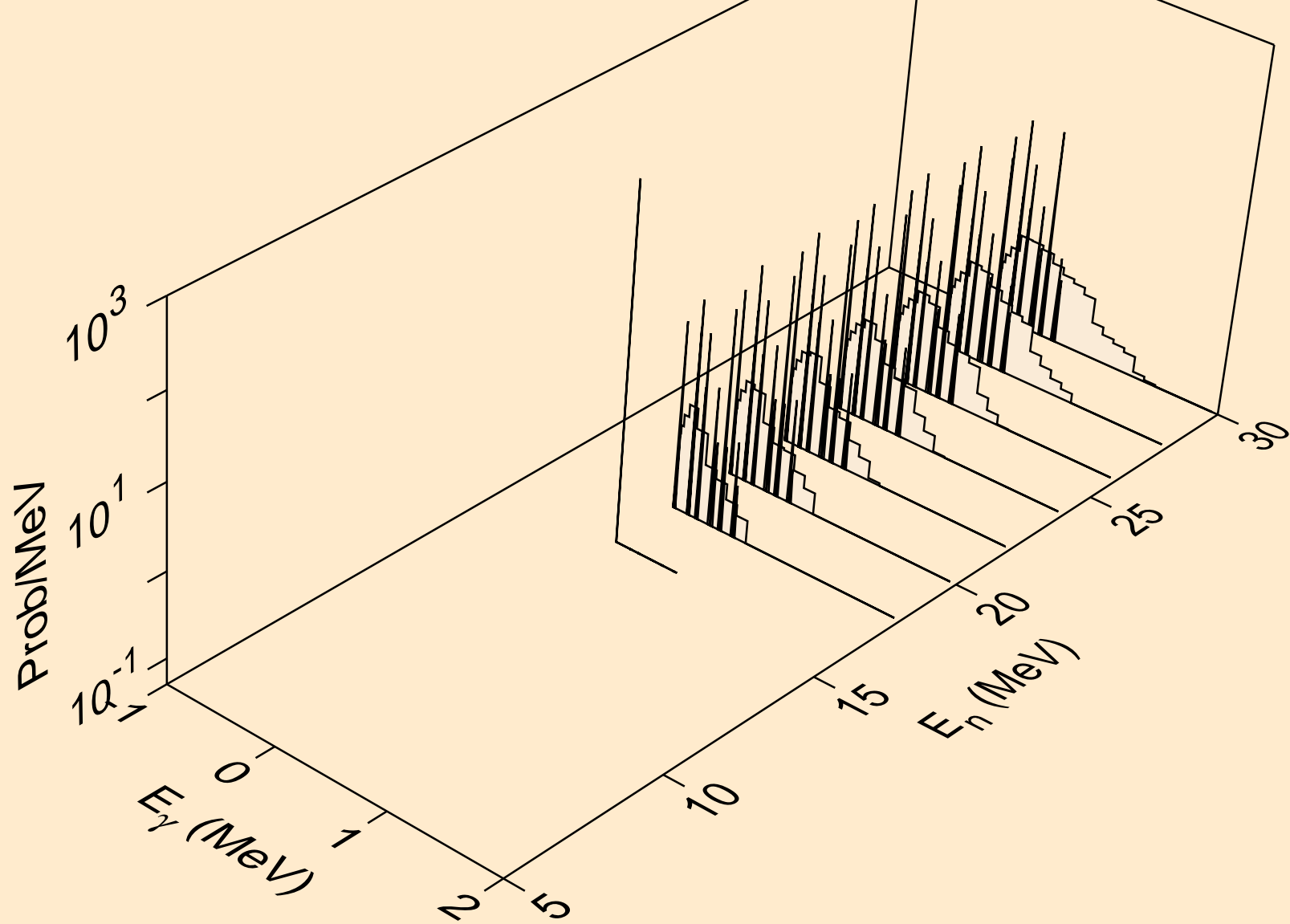
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



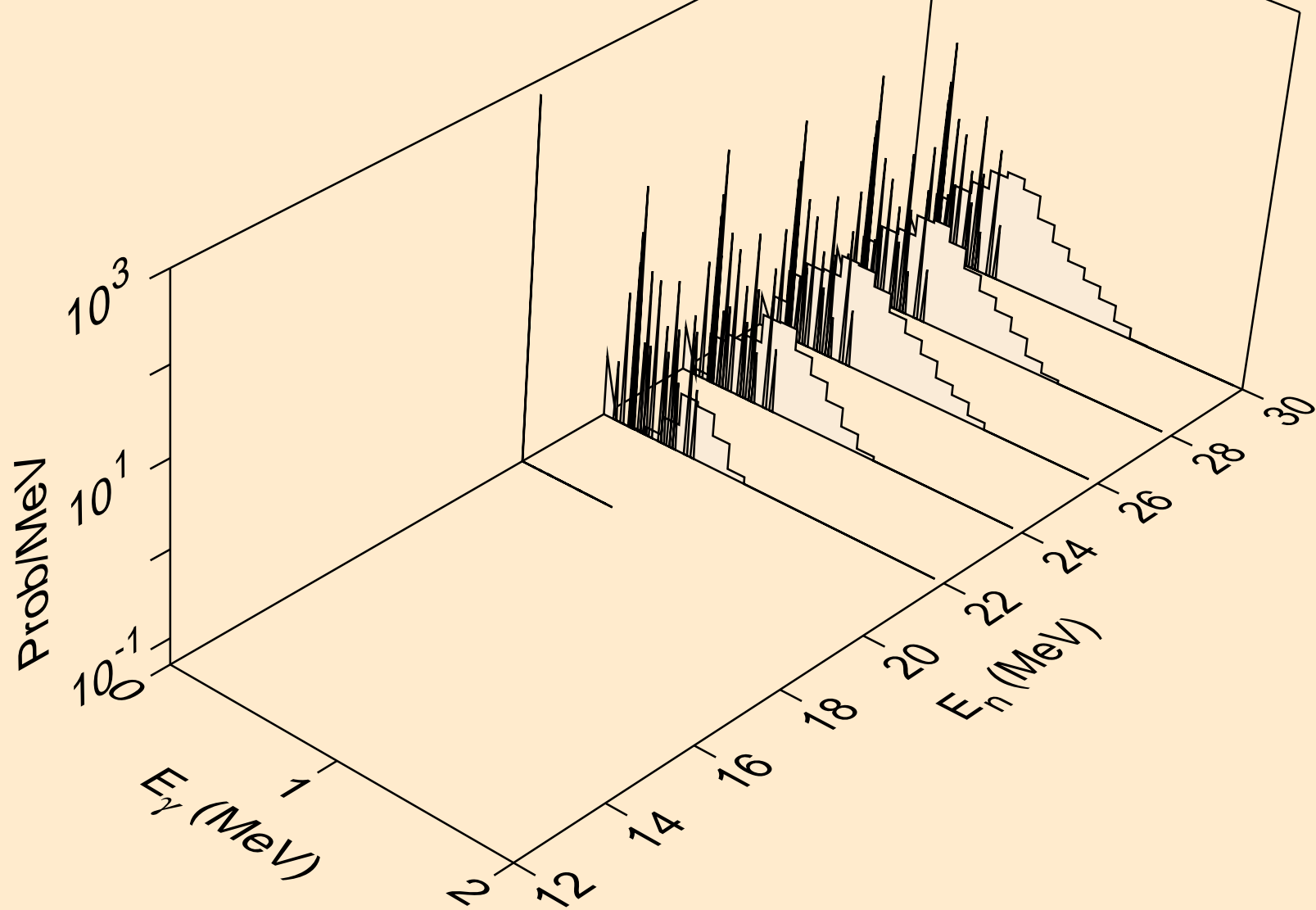
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



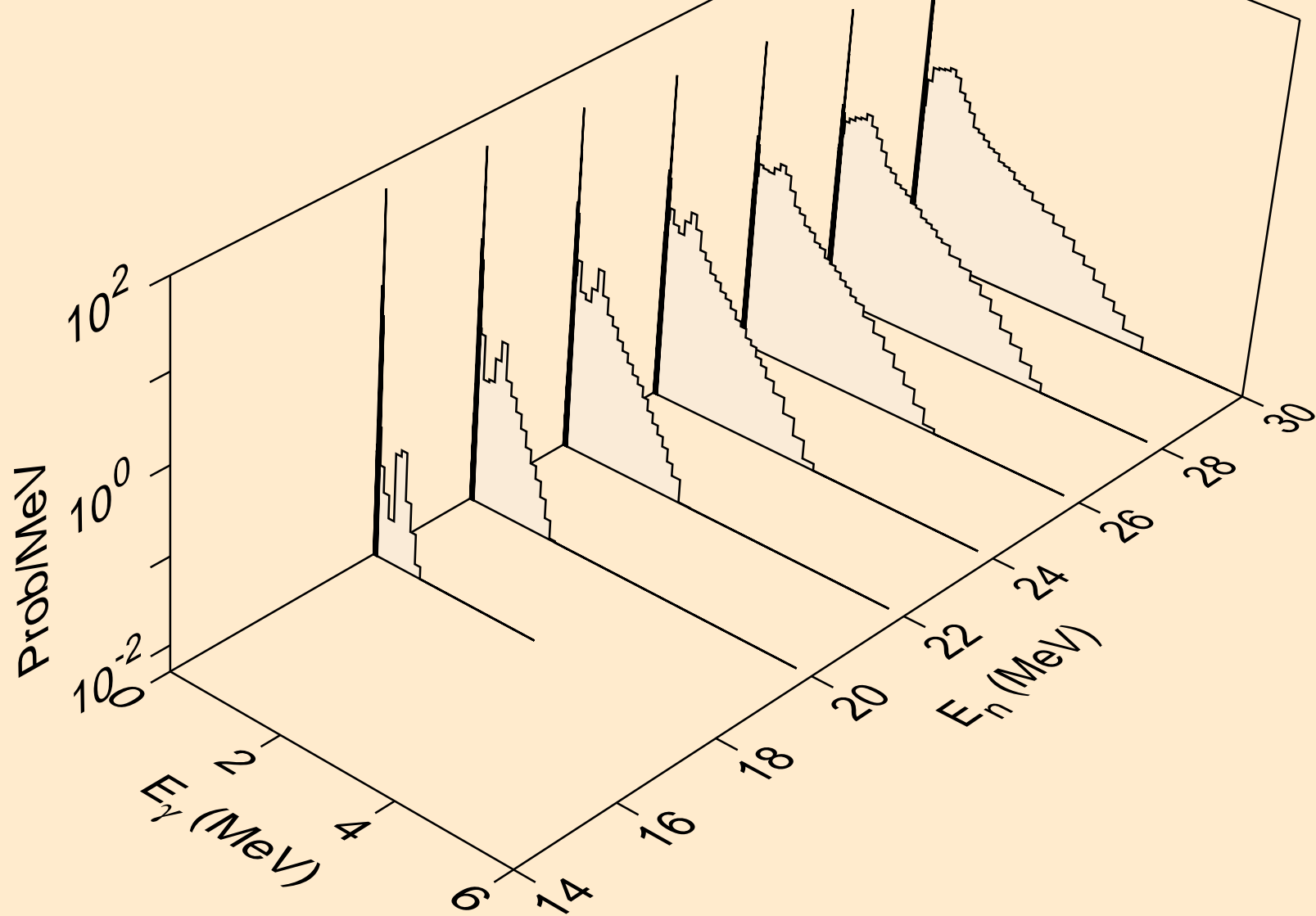
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



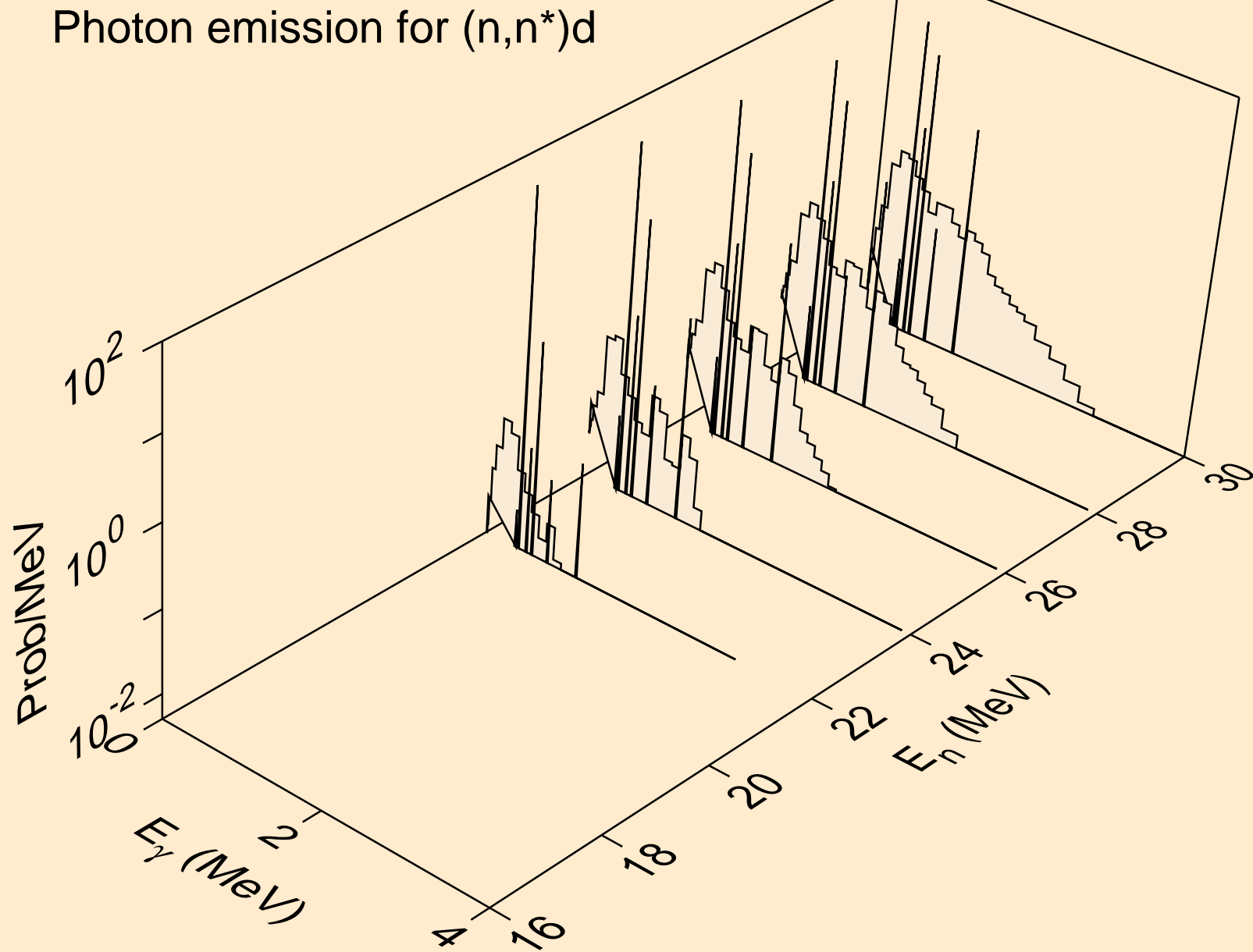
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

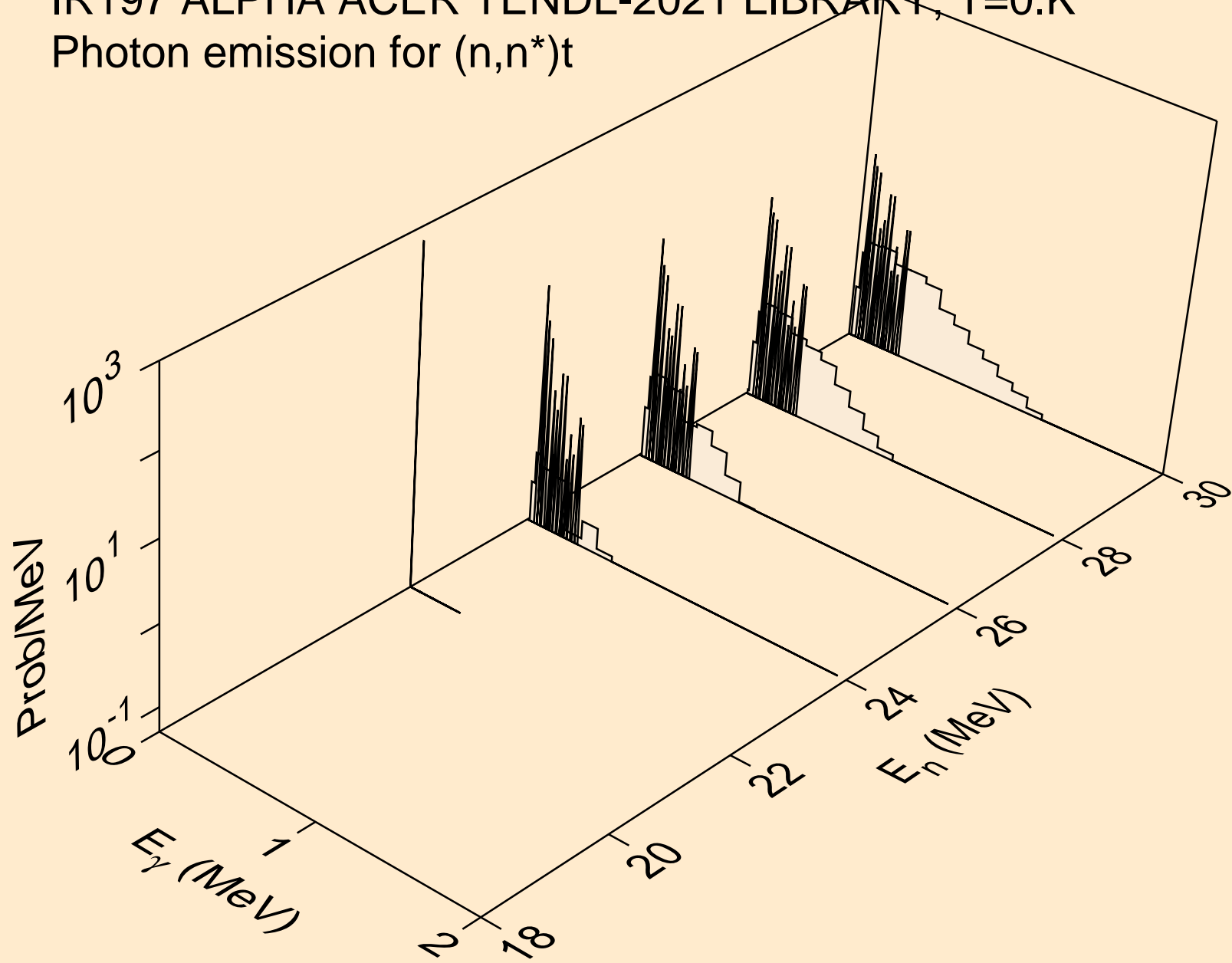


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

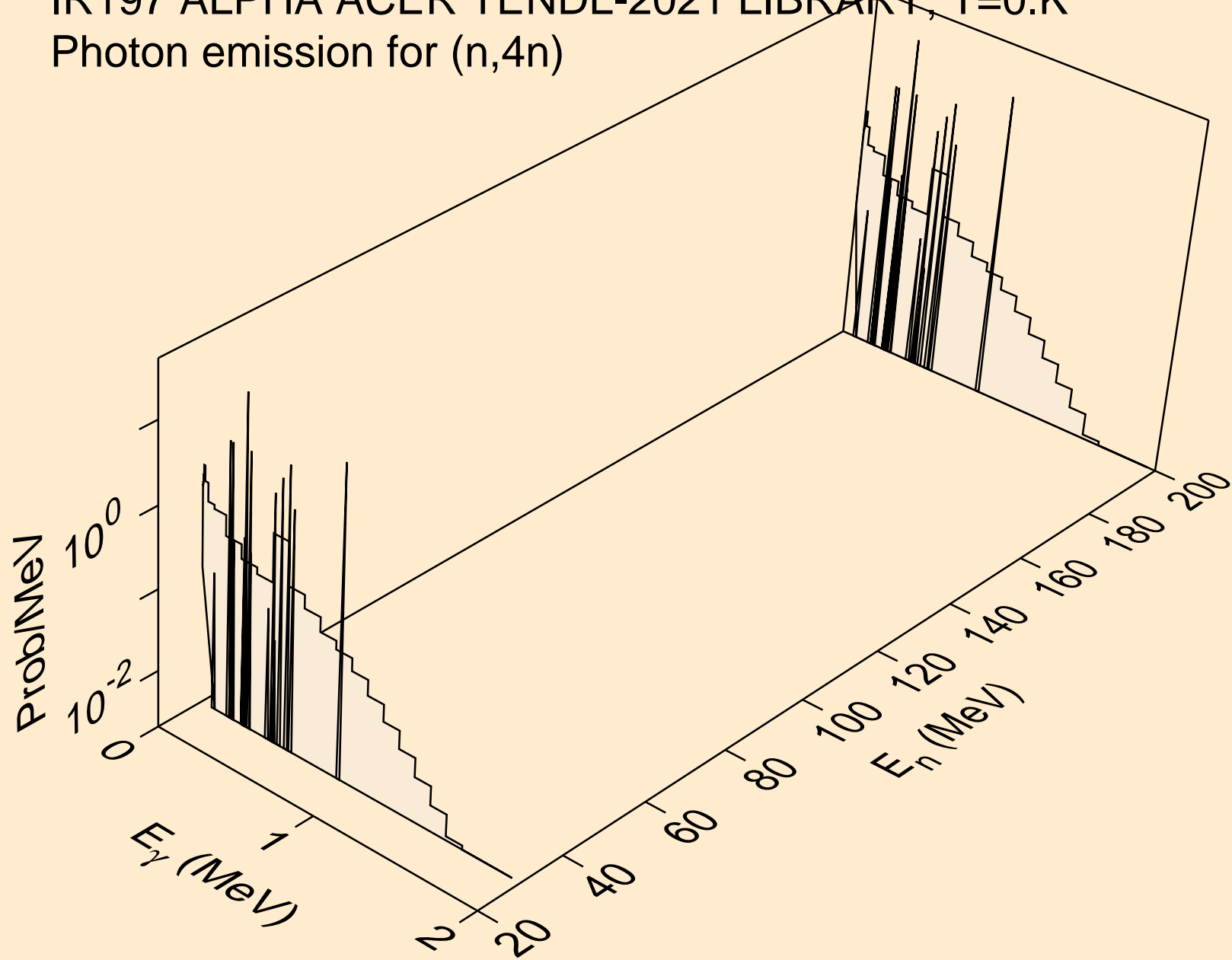




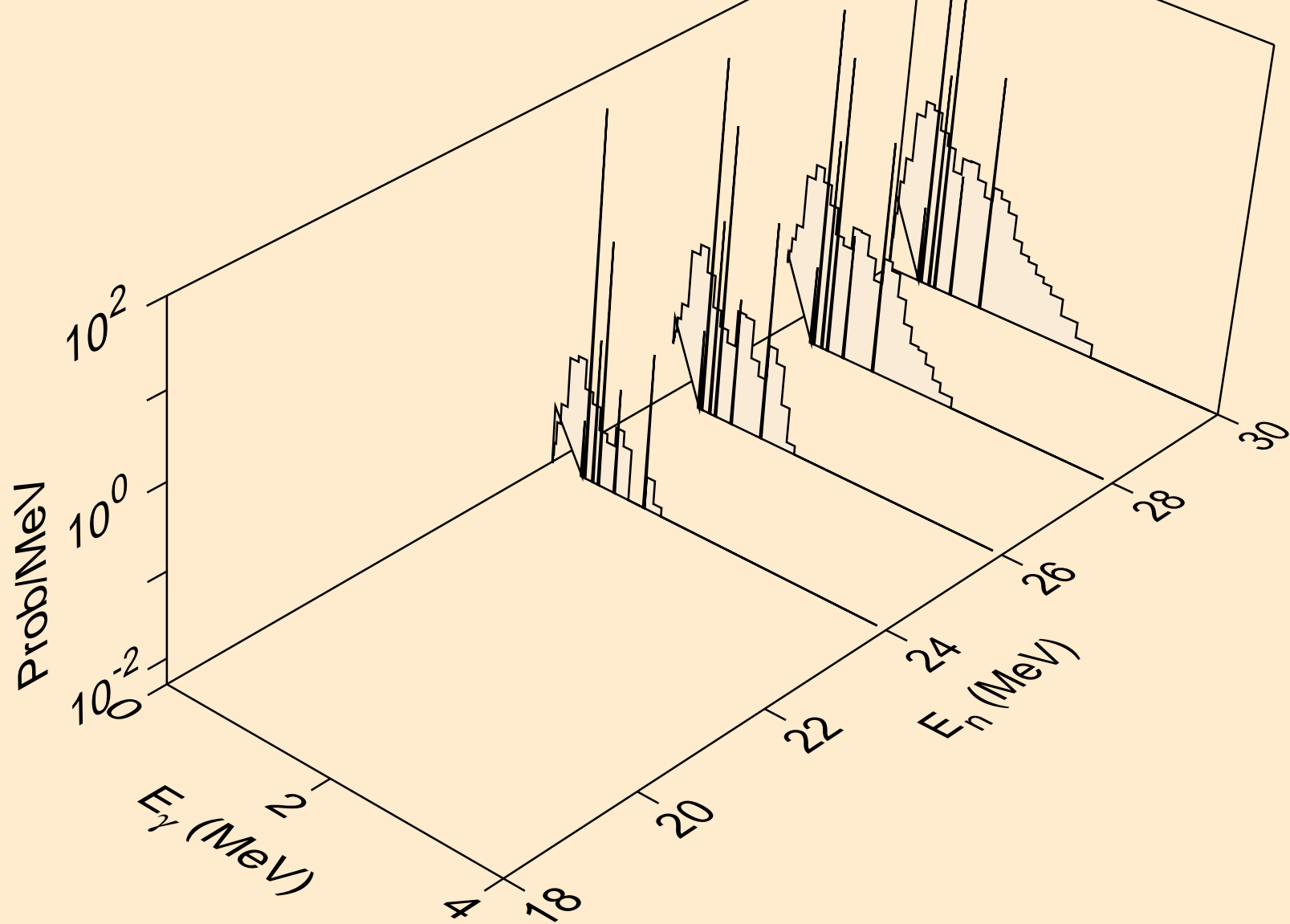
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



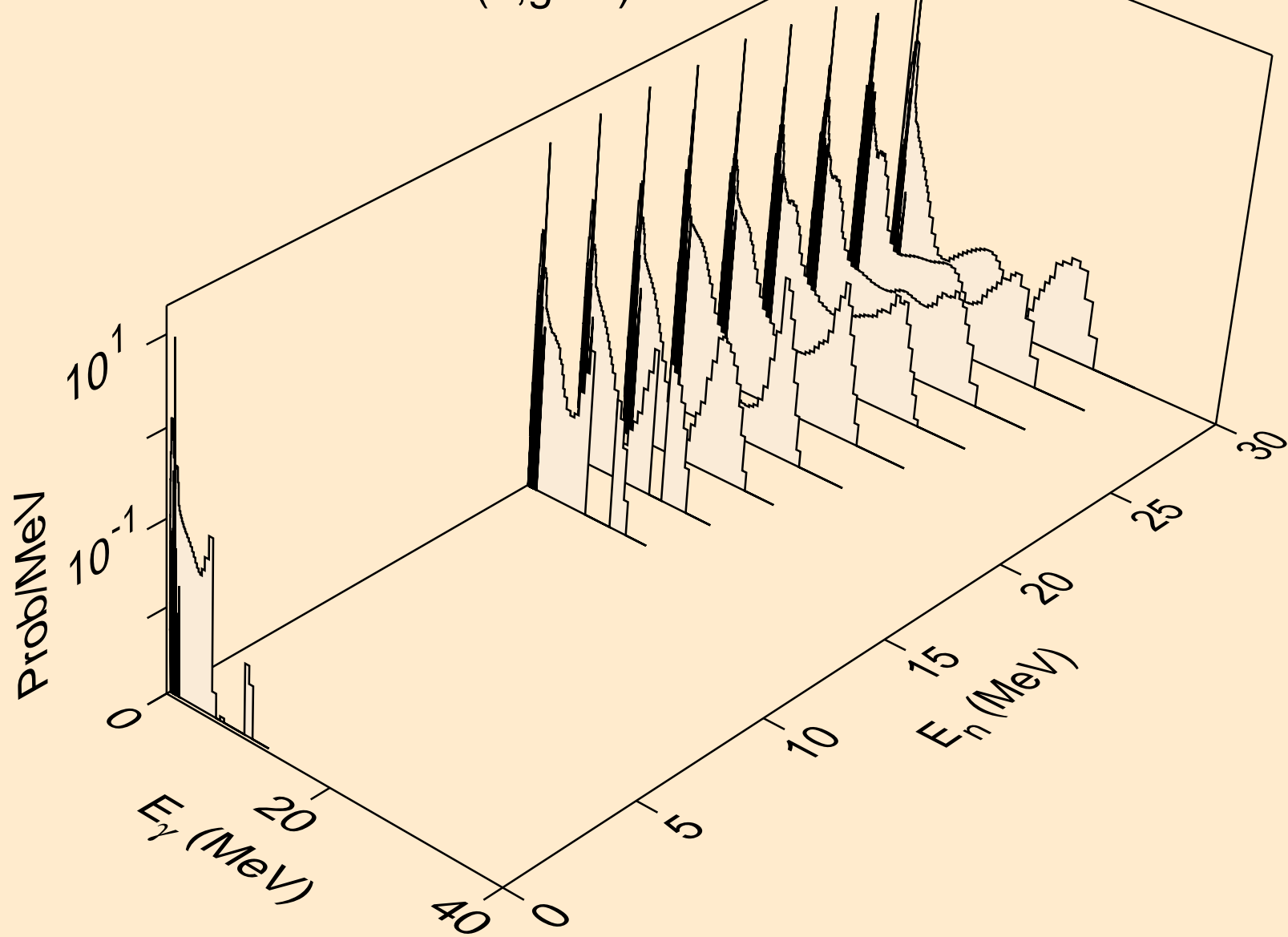
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



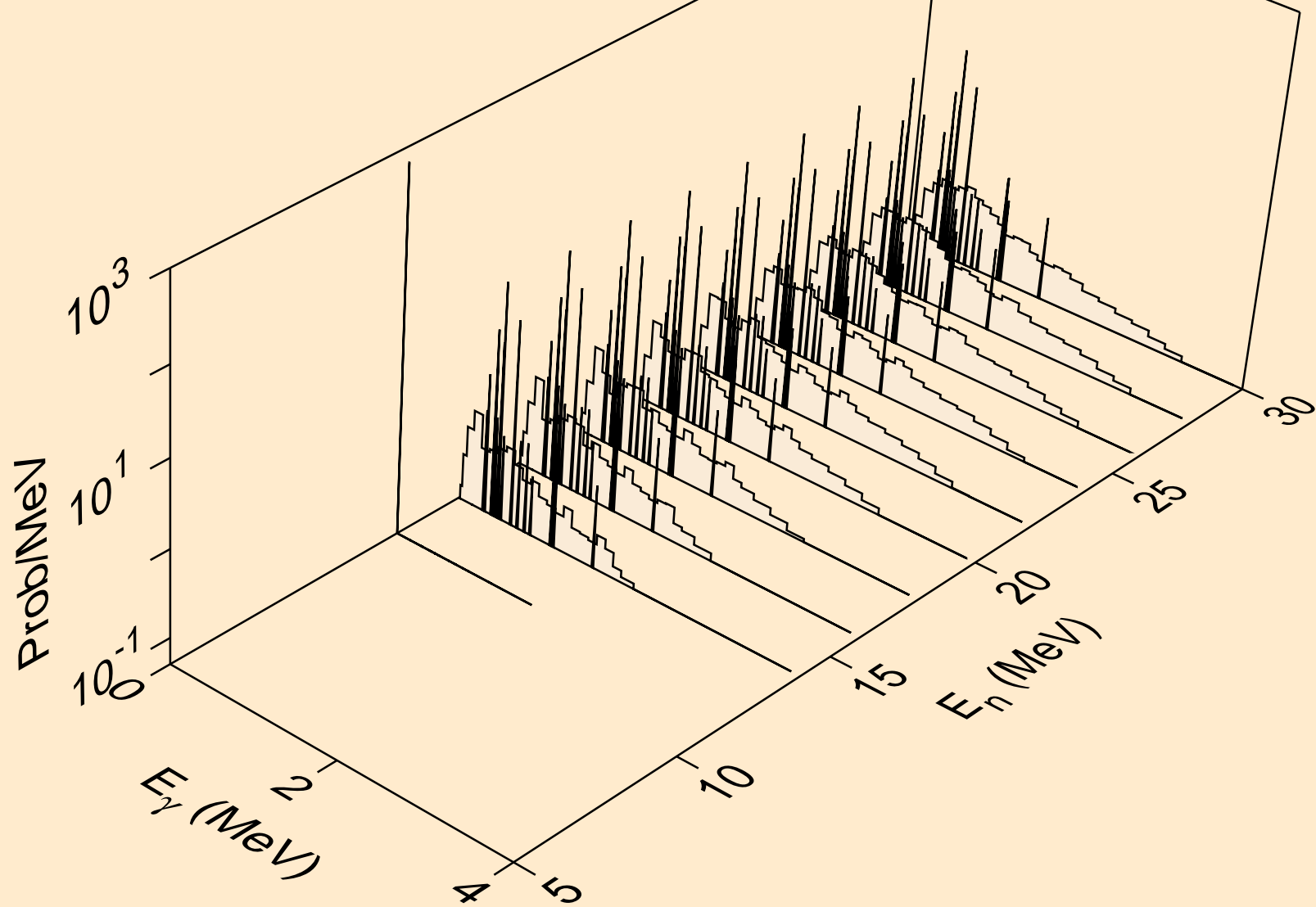
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



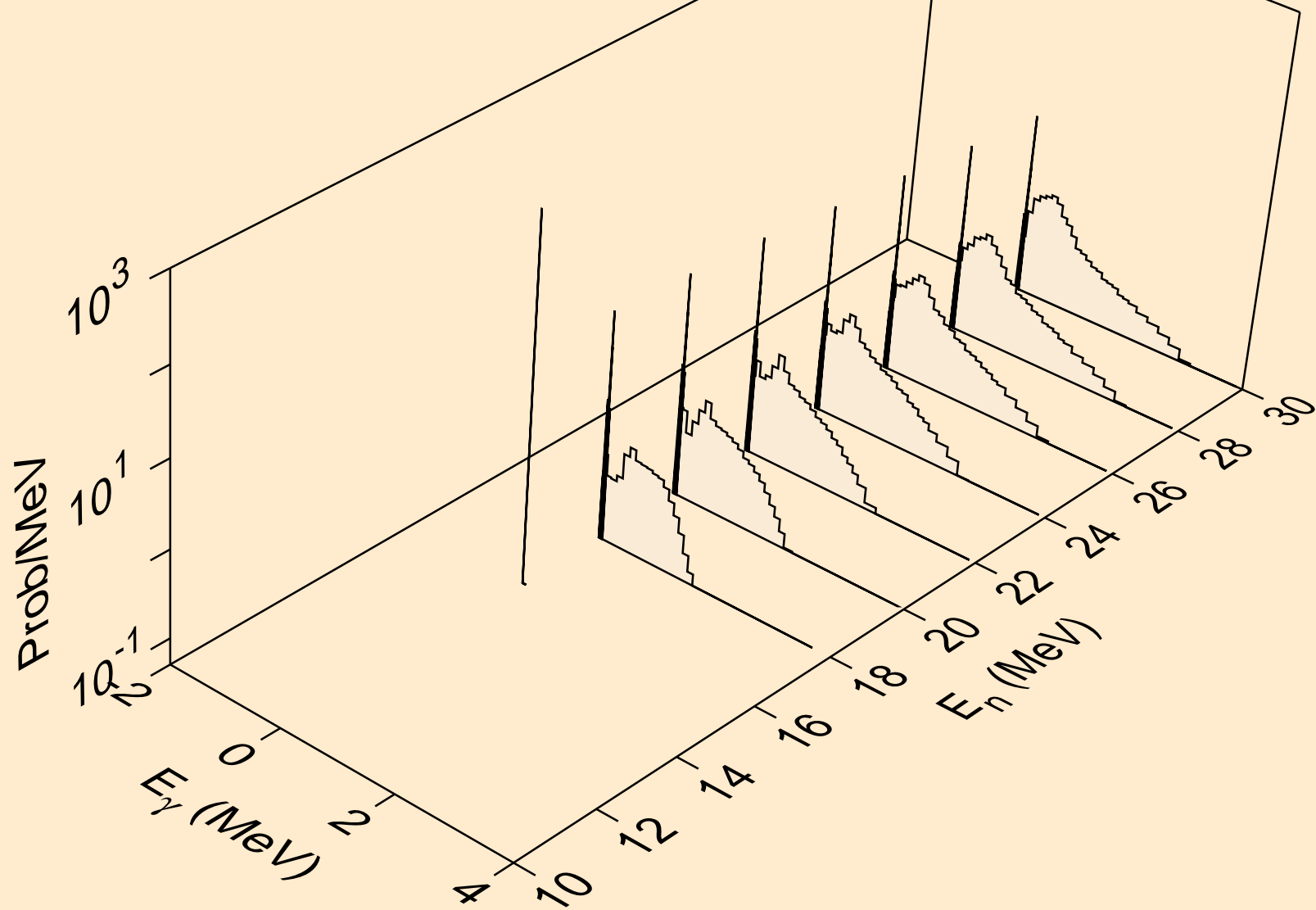
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Photon emission for (n,gma)



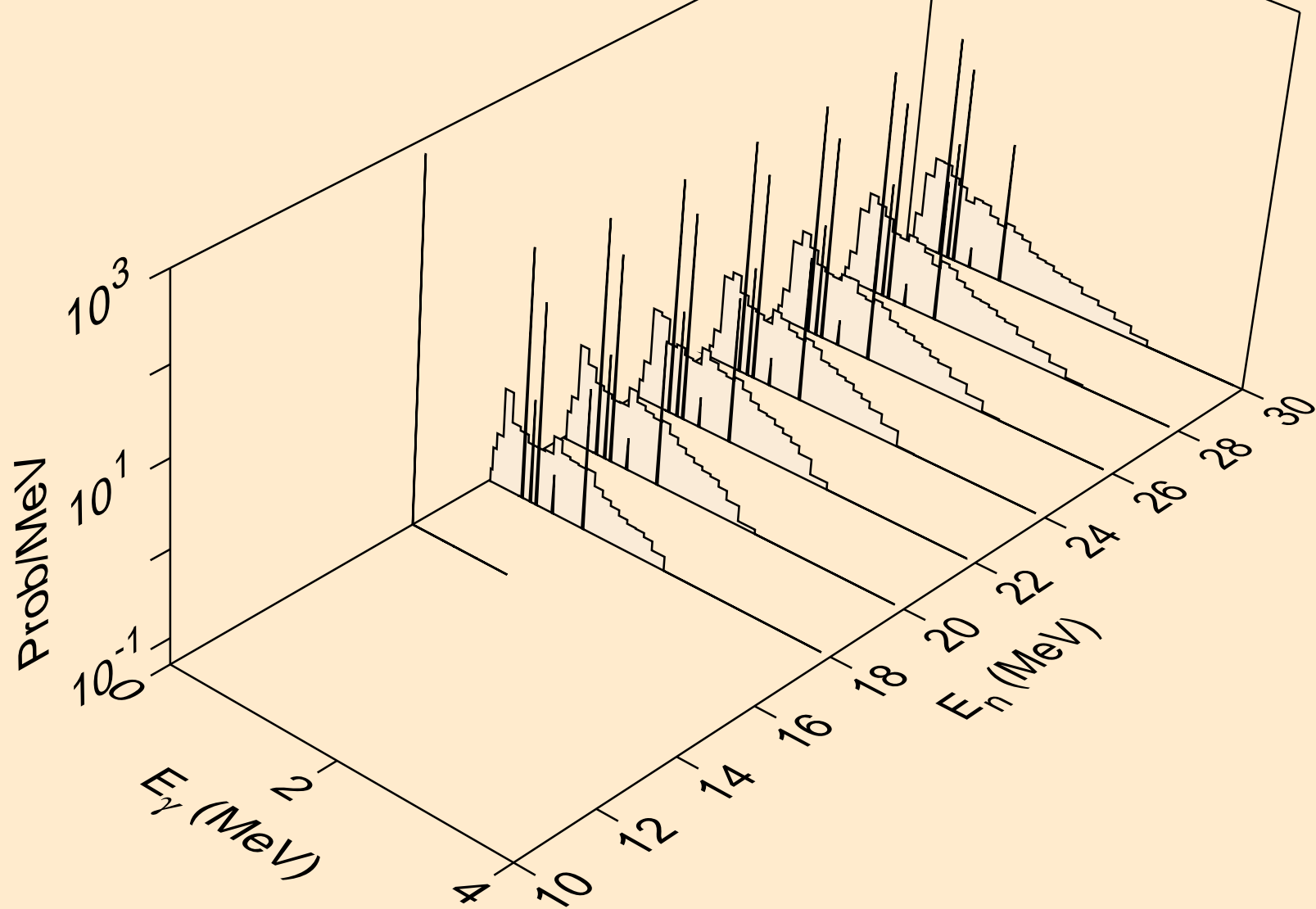
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



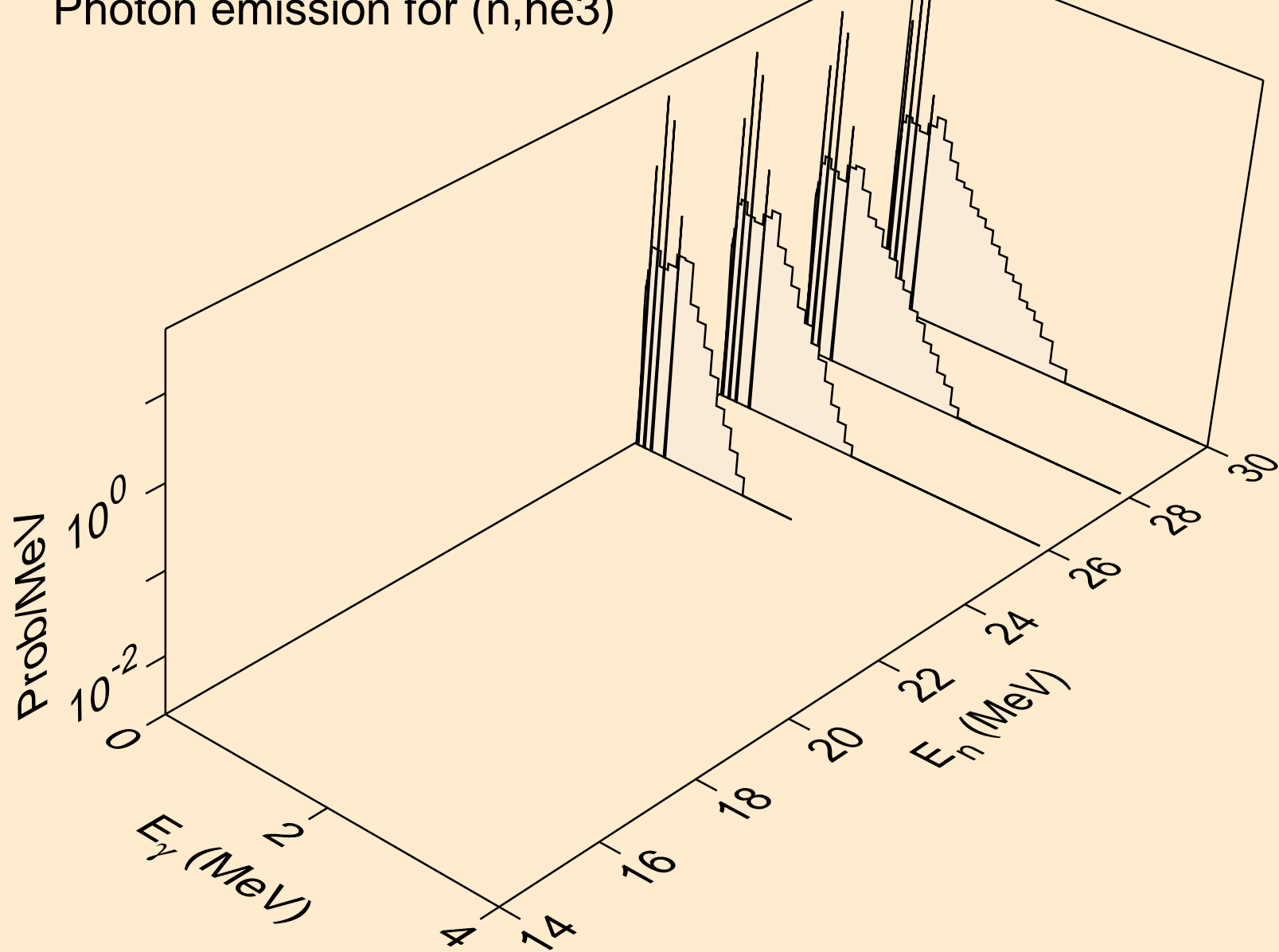
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

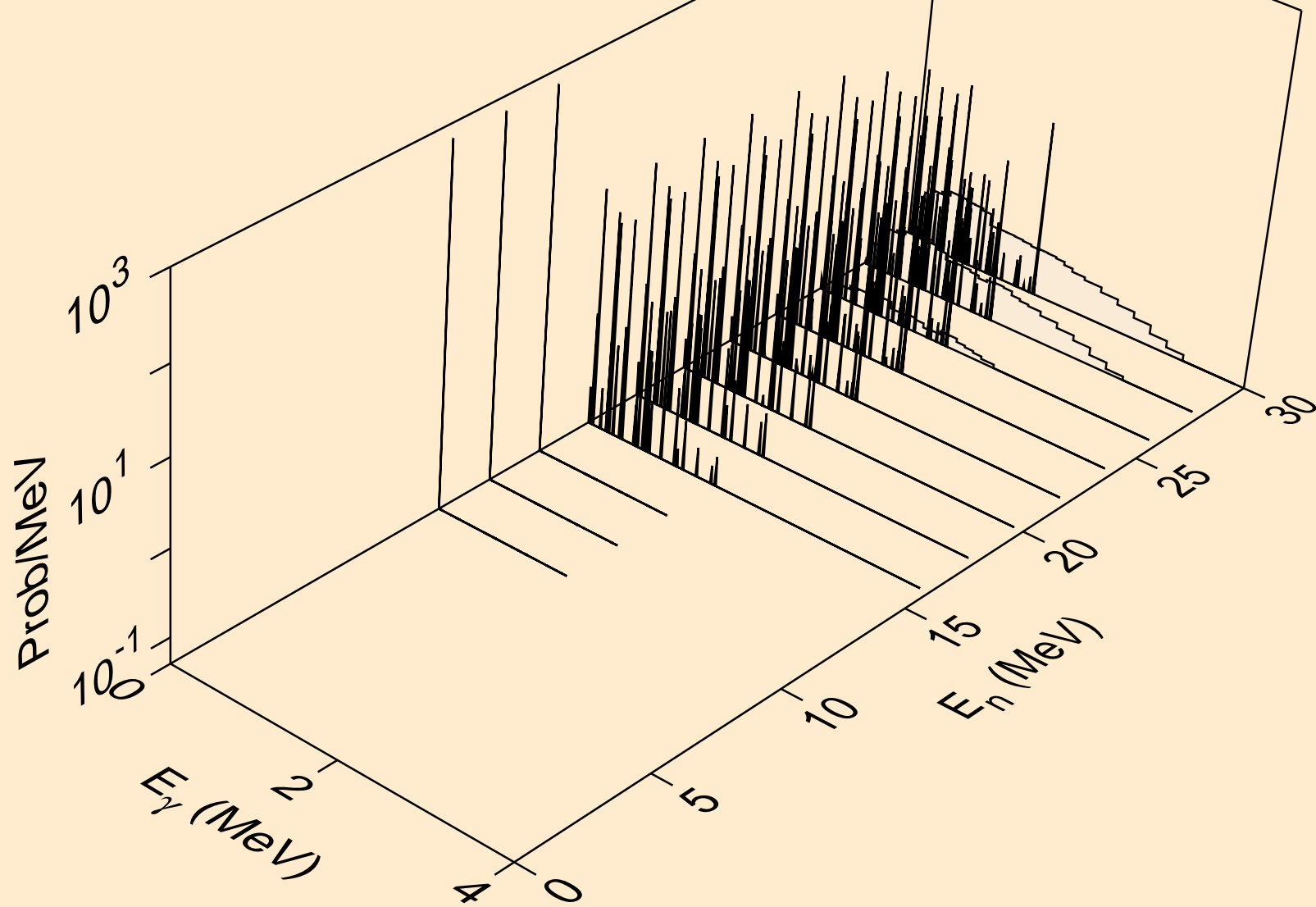


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Photon emission for (n,he3)

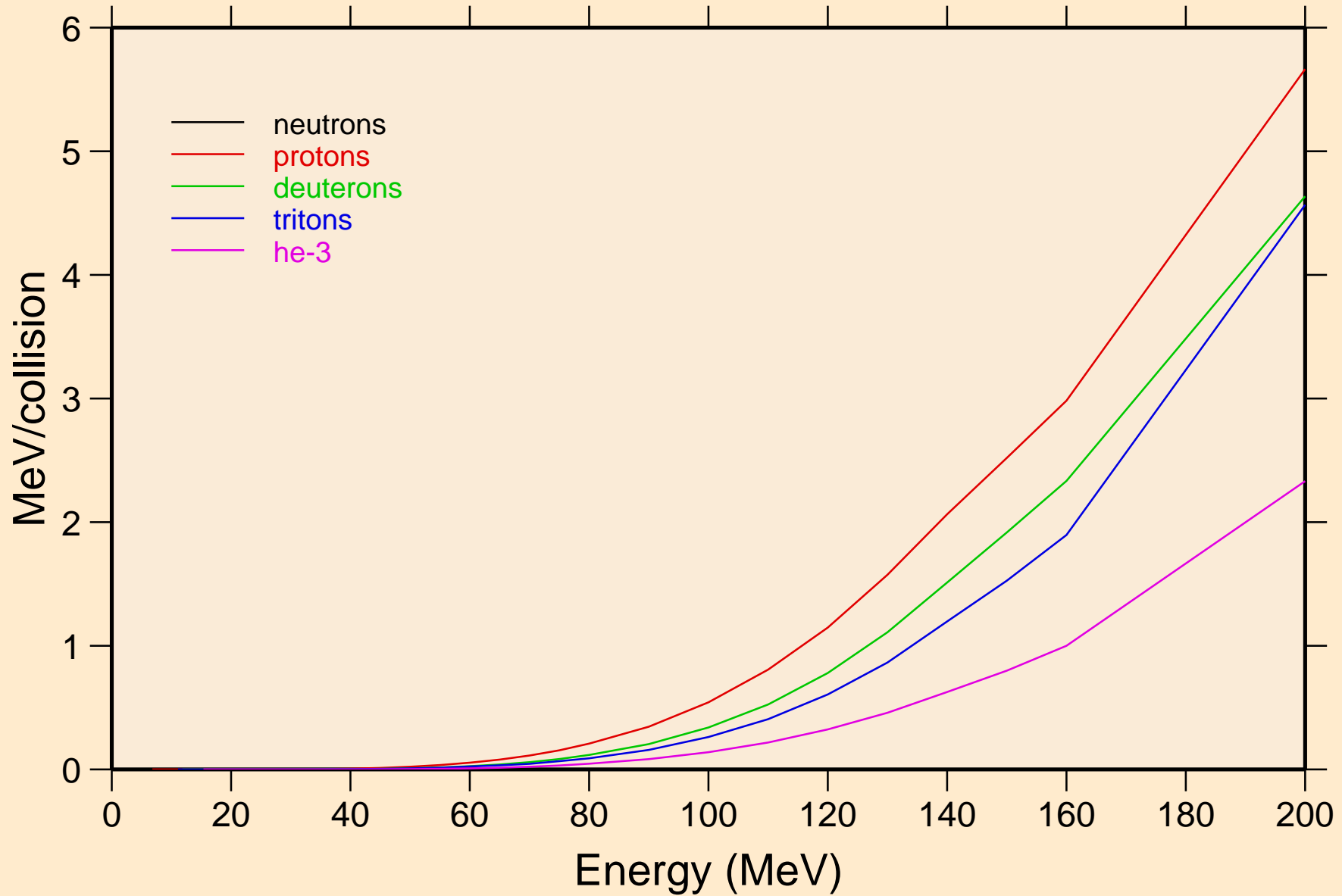




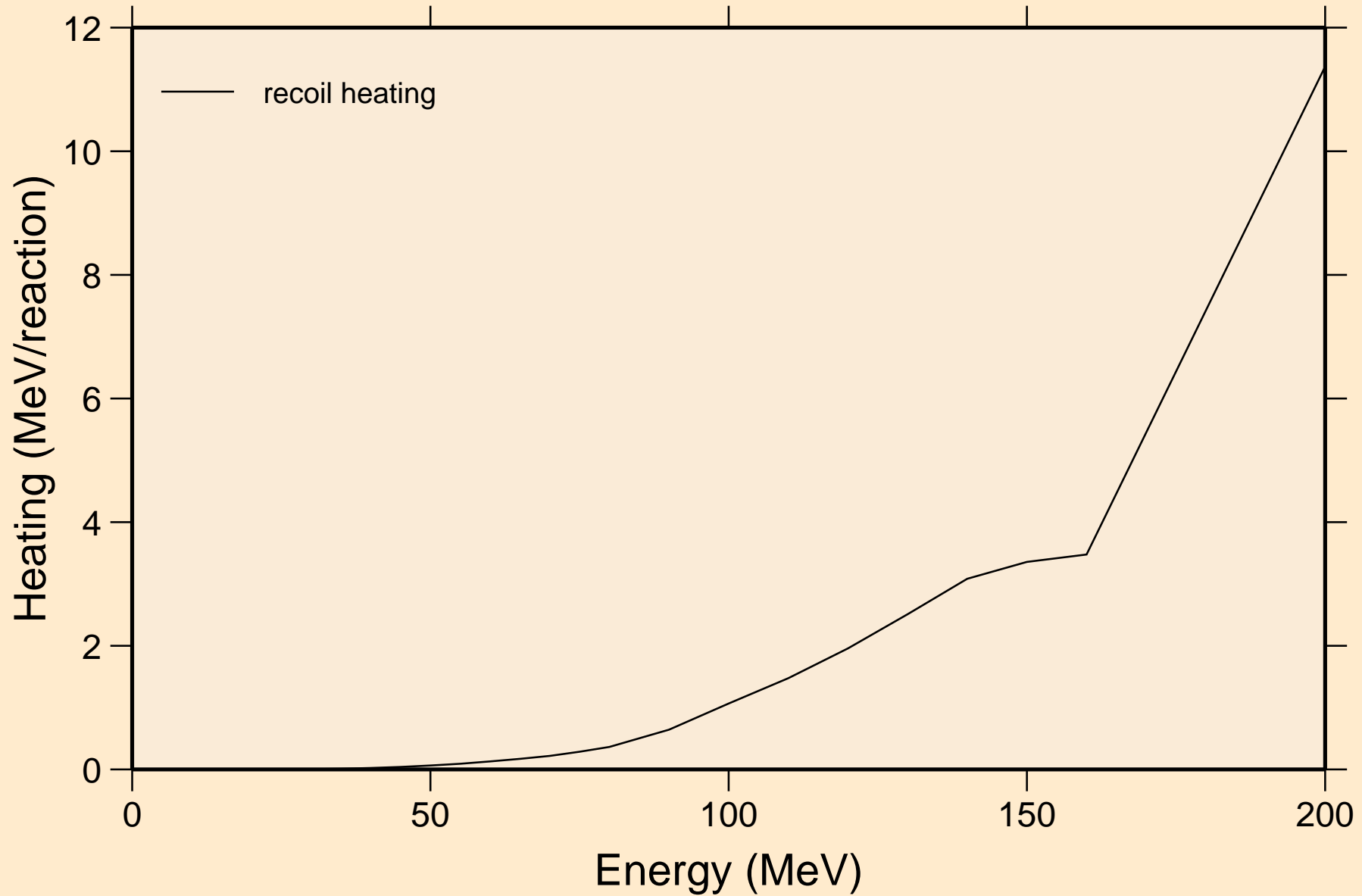
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



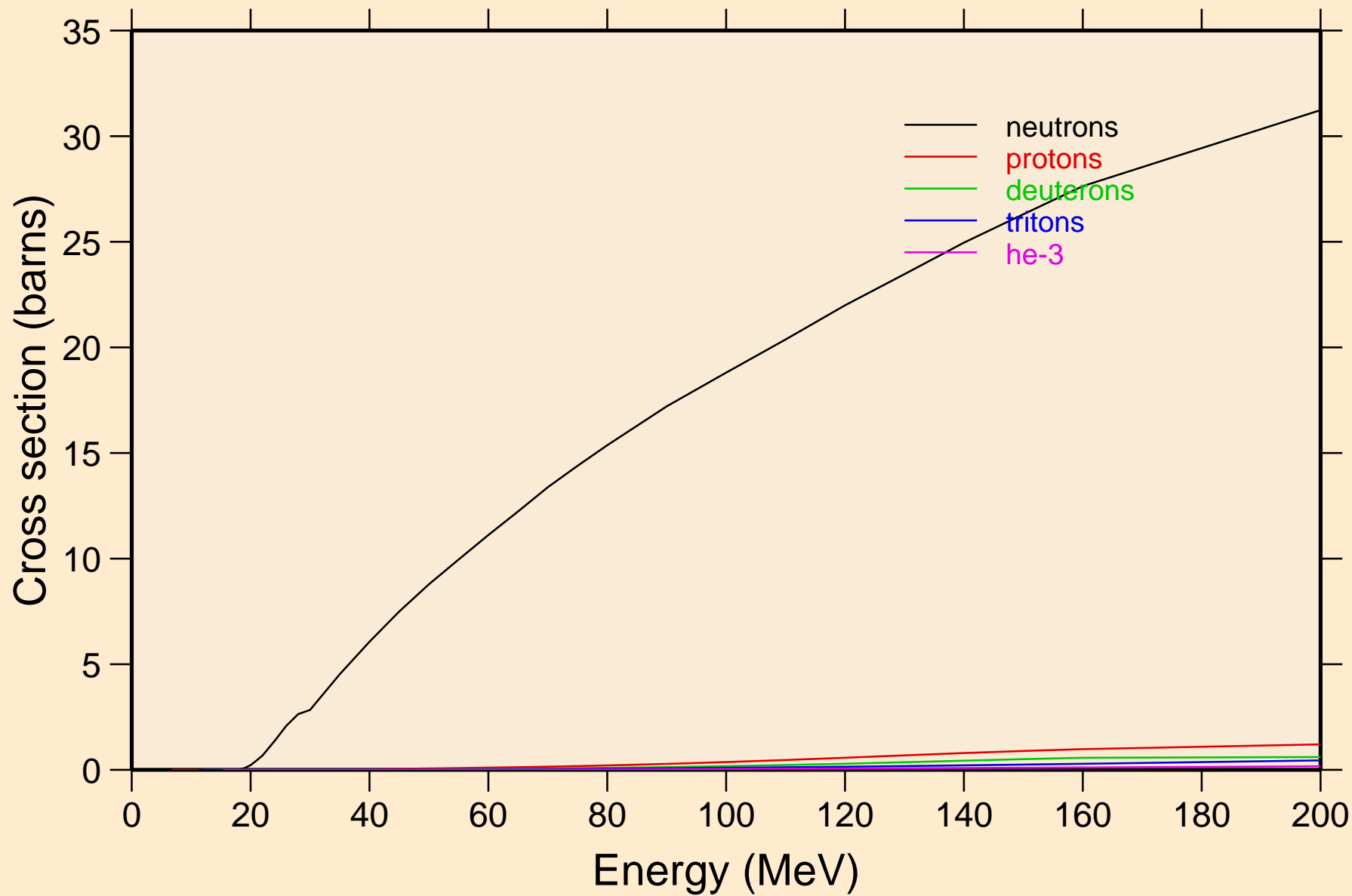
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



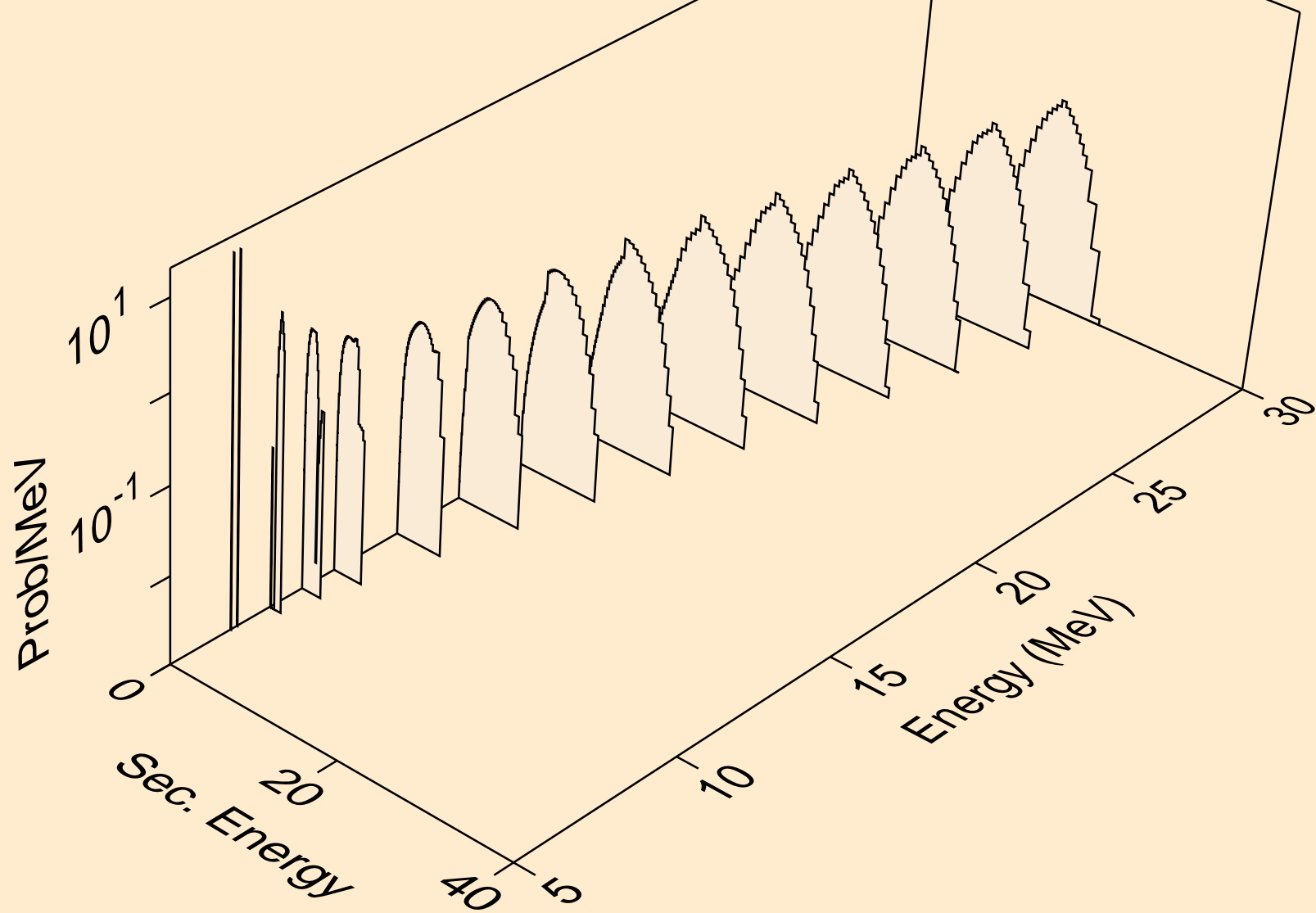
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



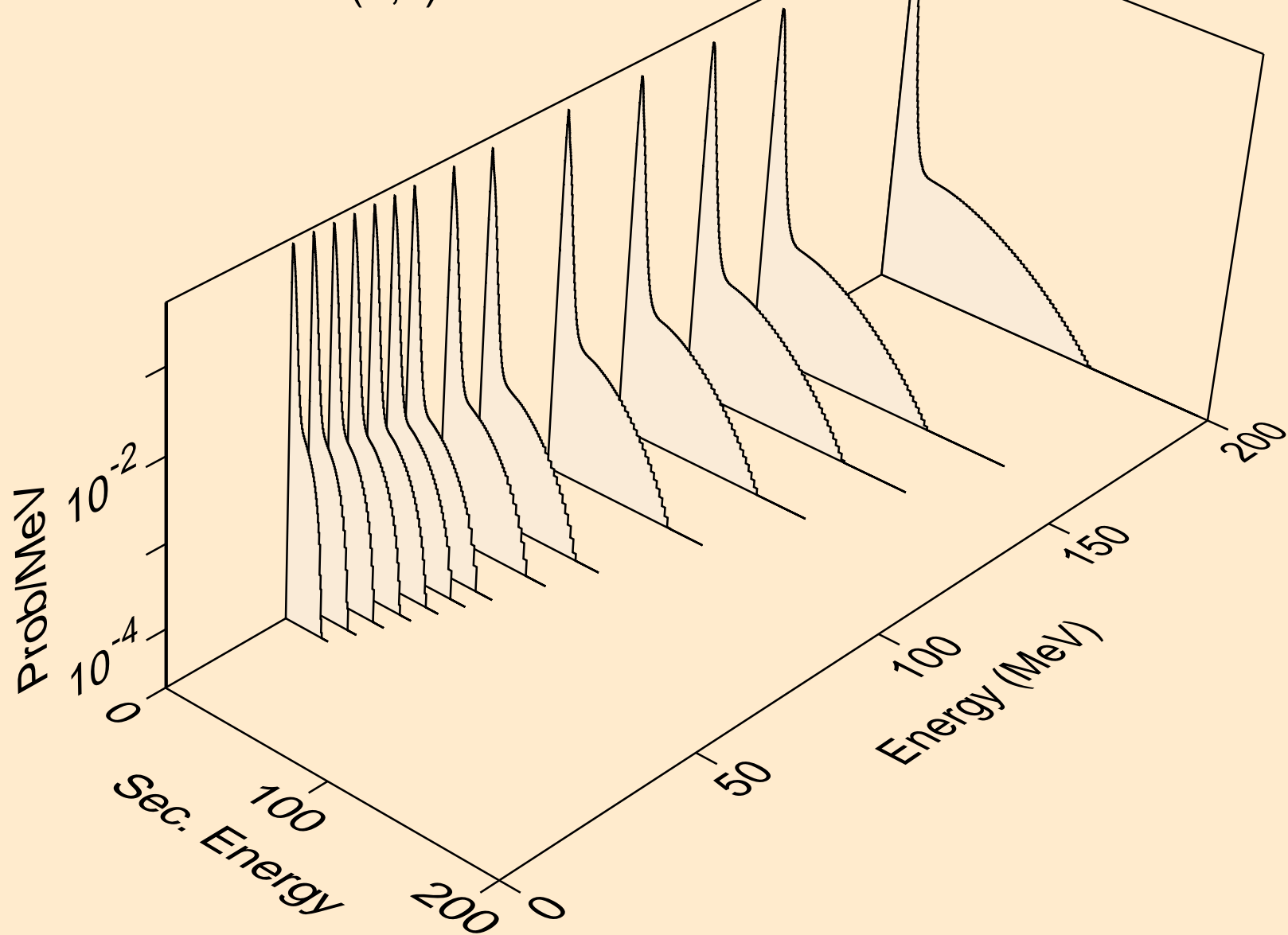
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



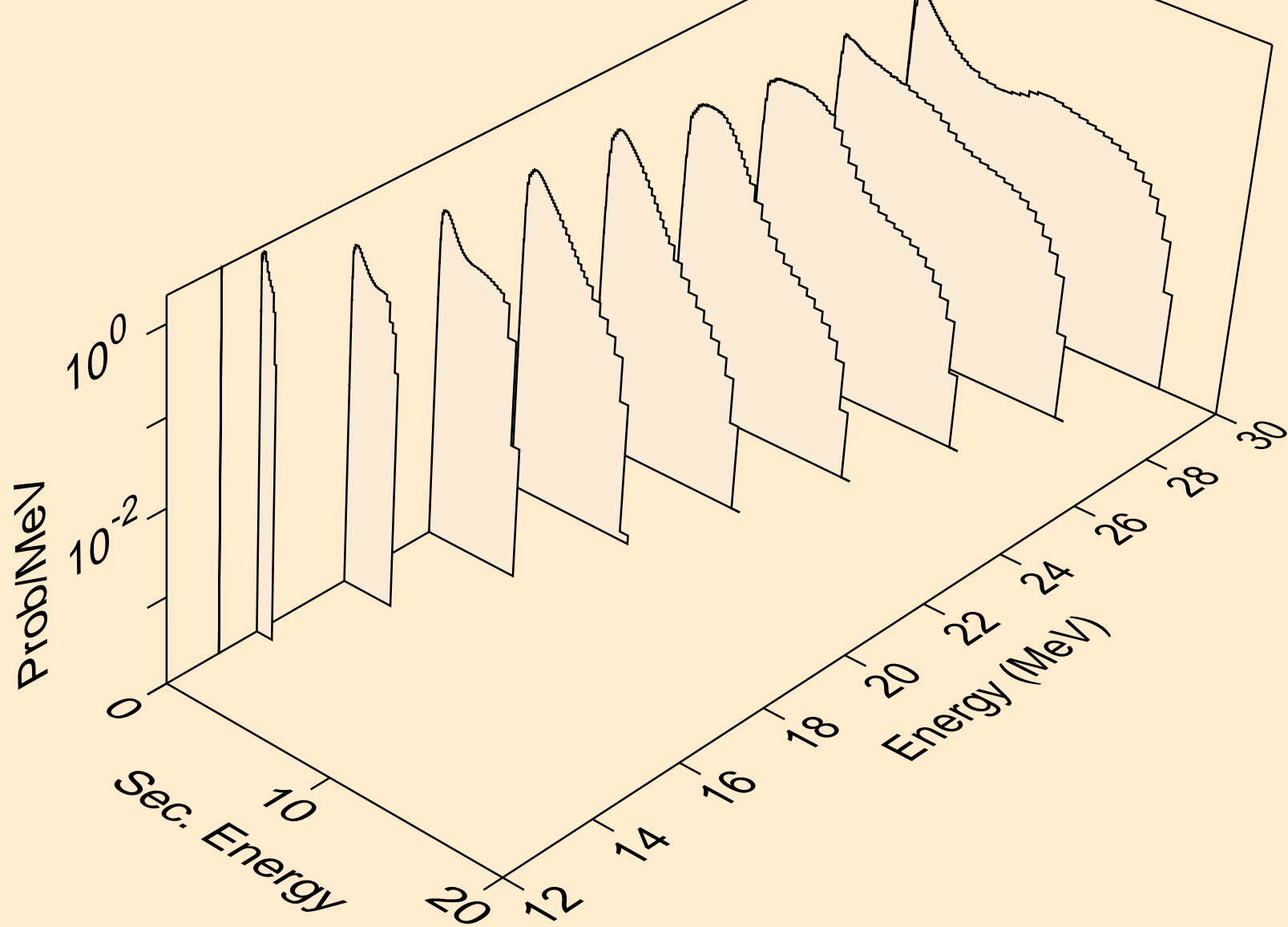
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



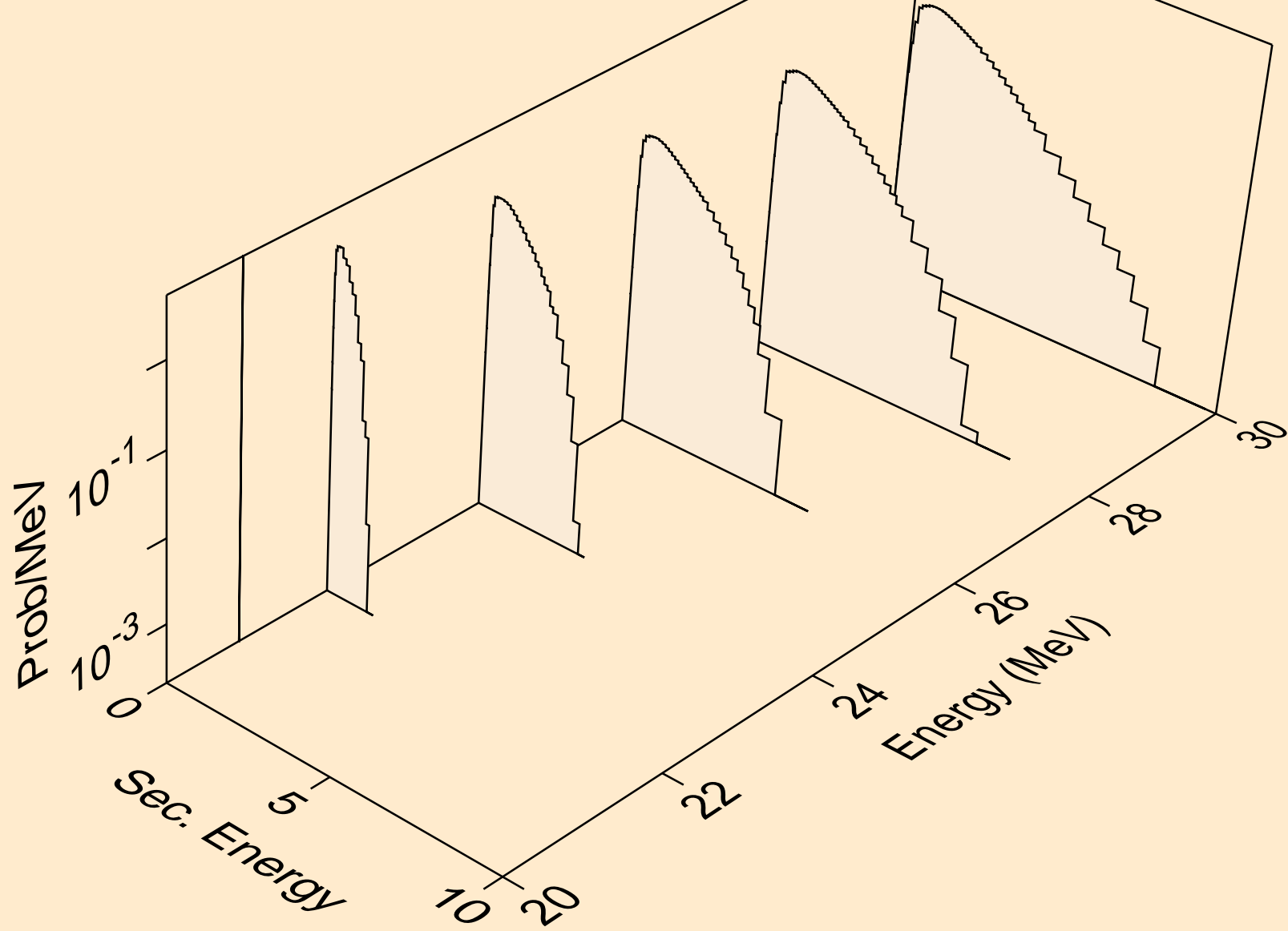
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

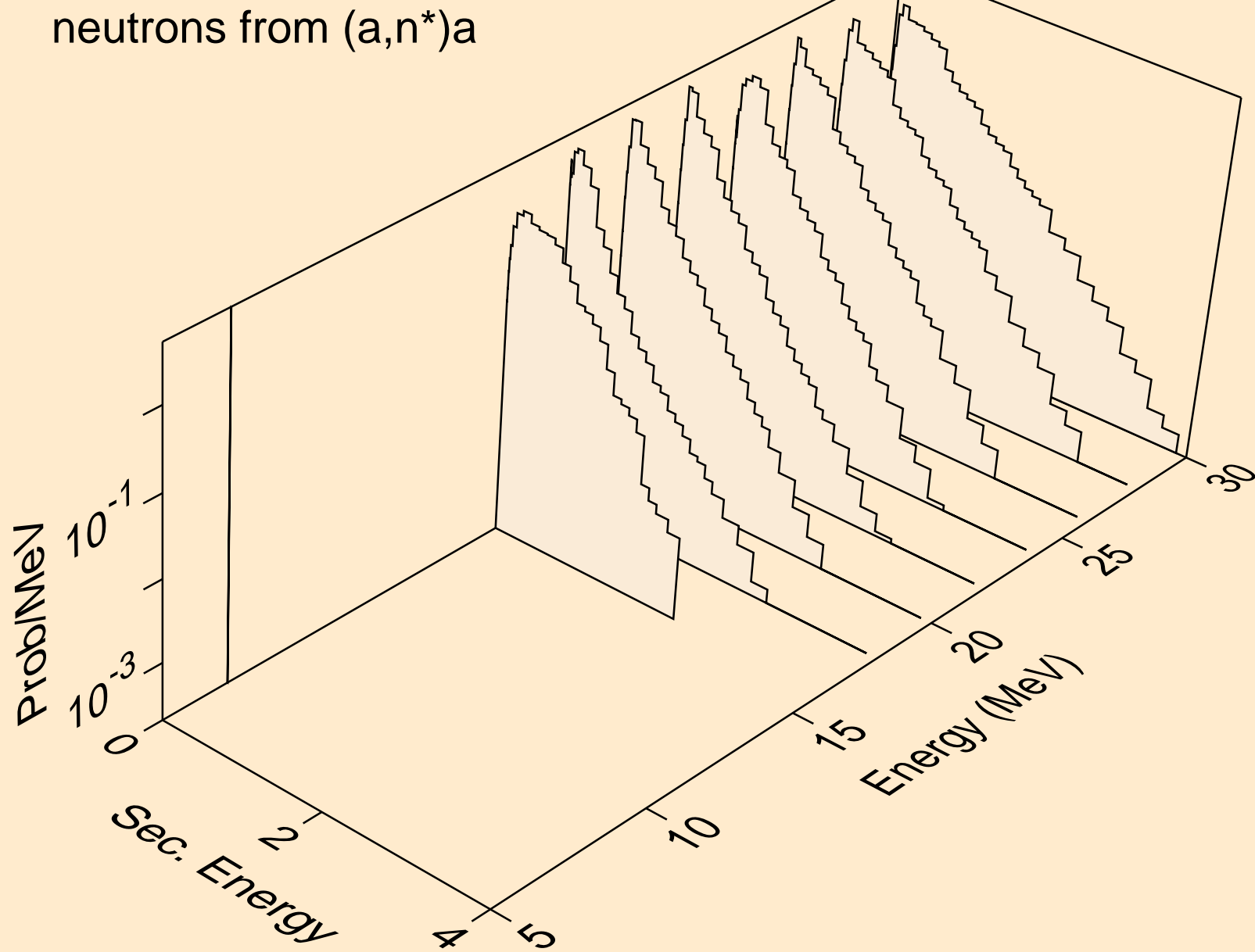


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)

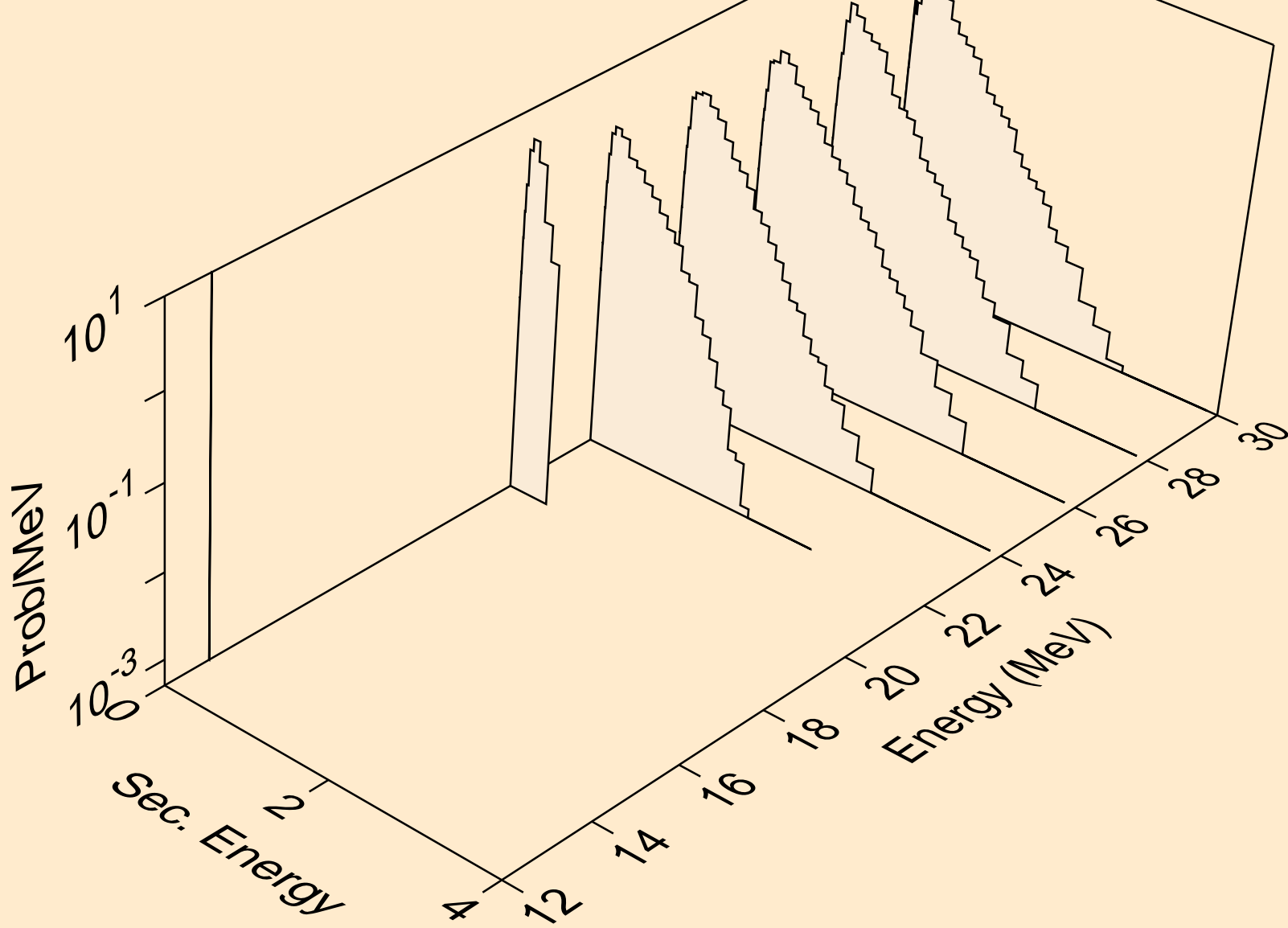




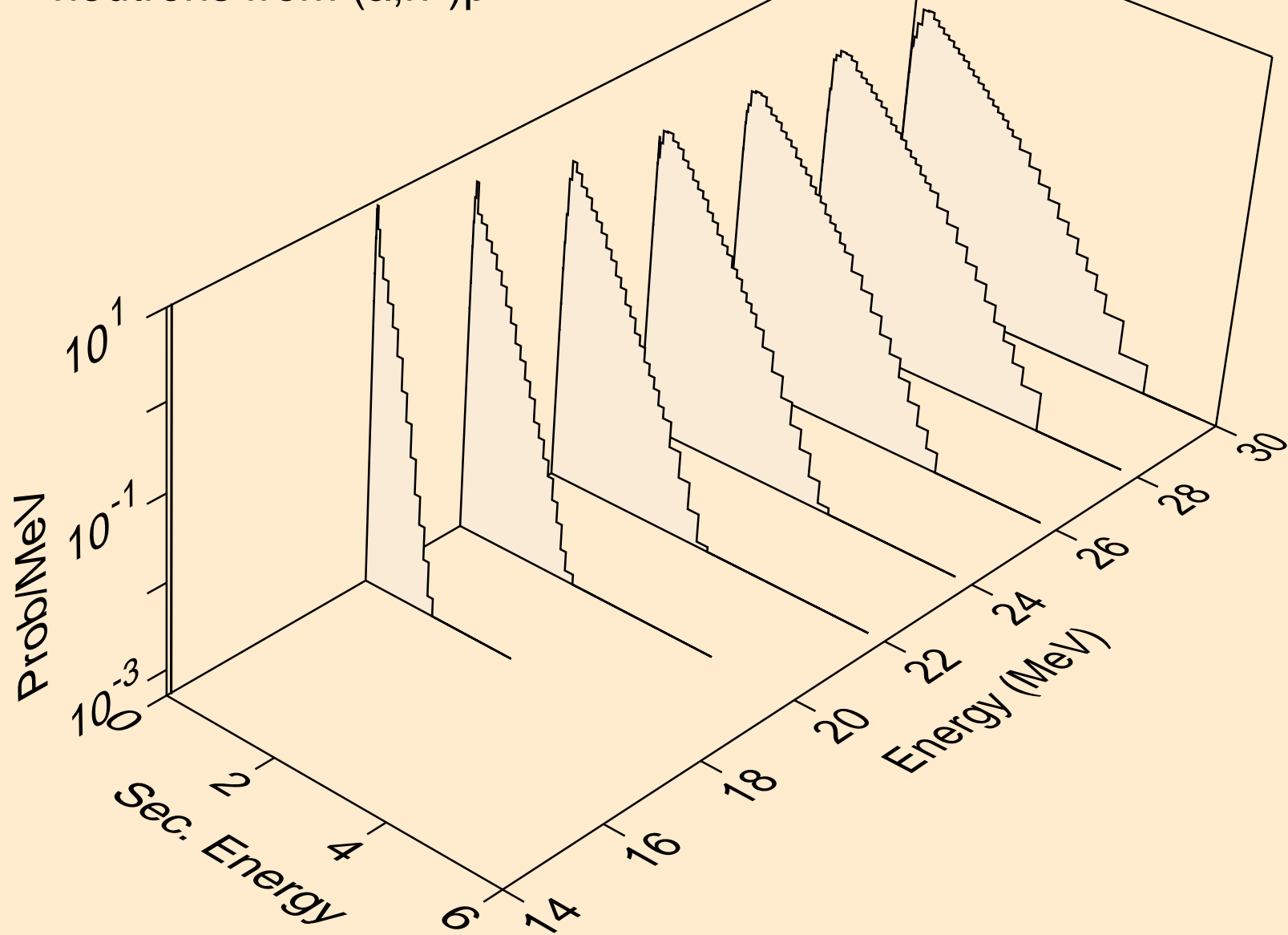
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



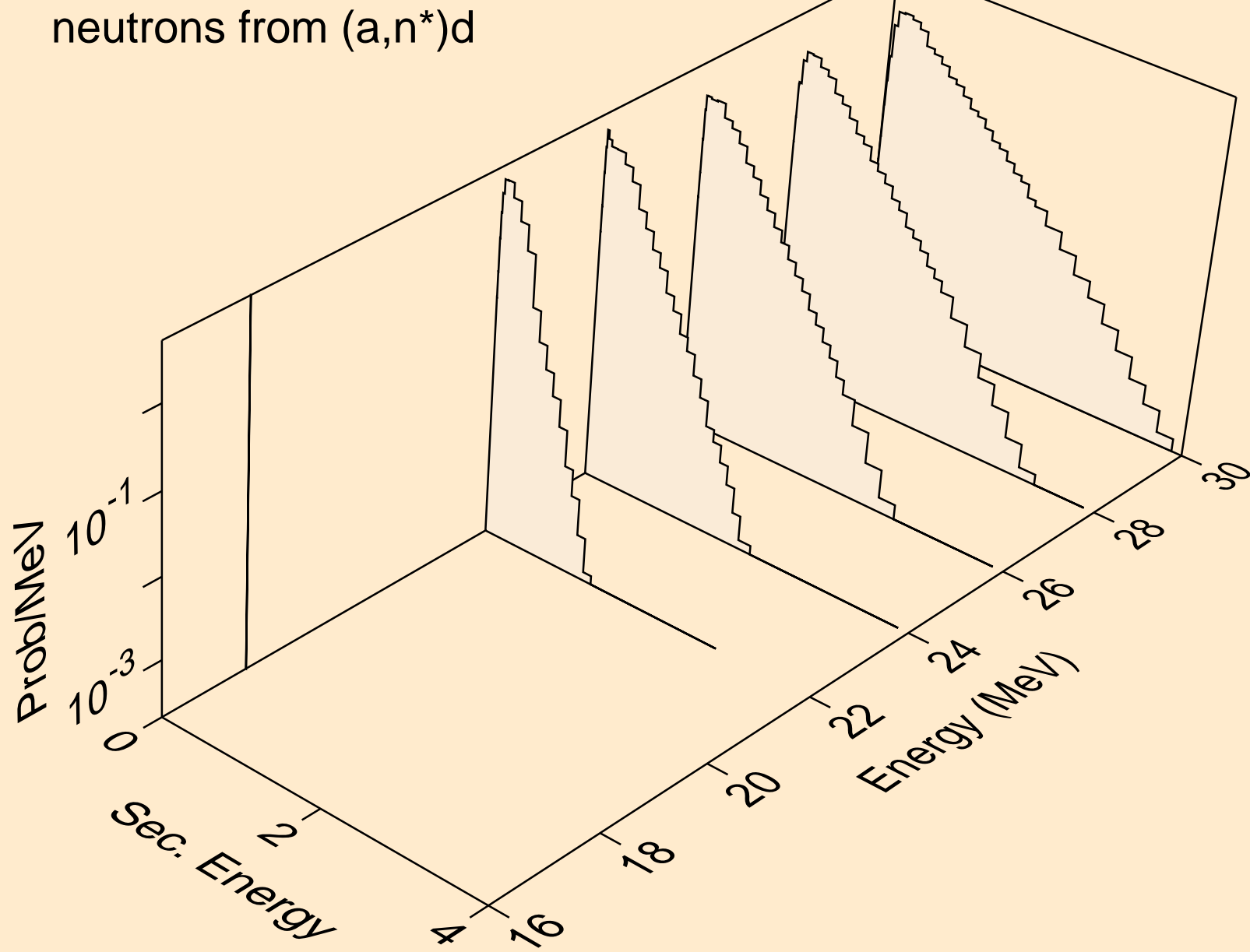
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



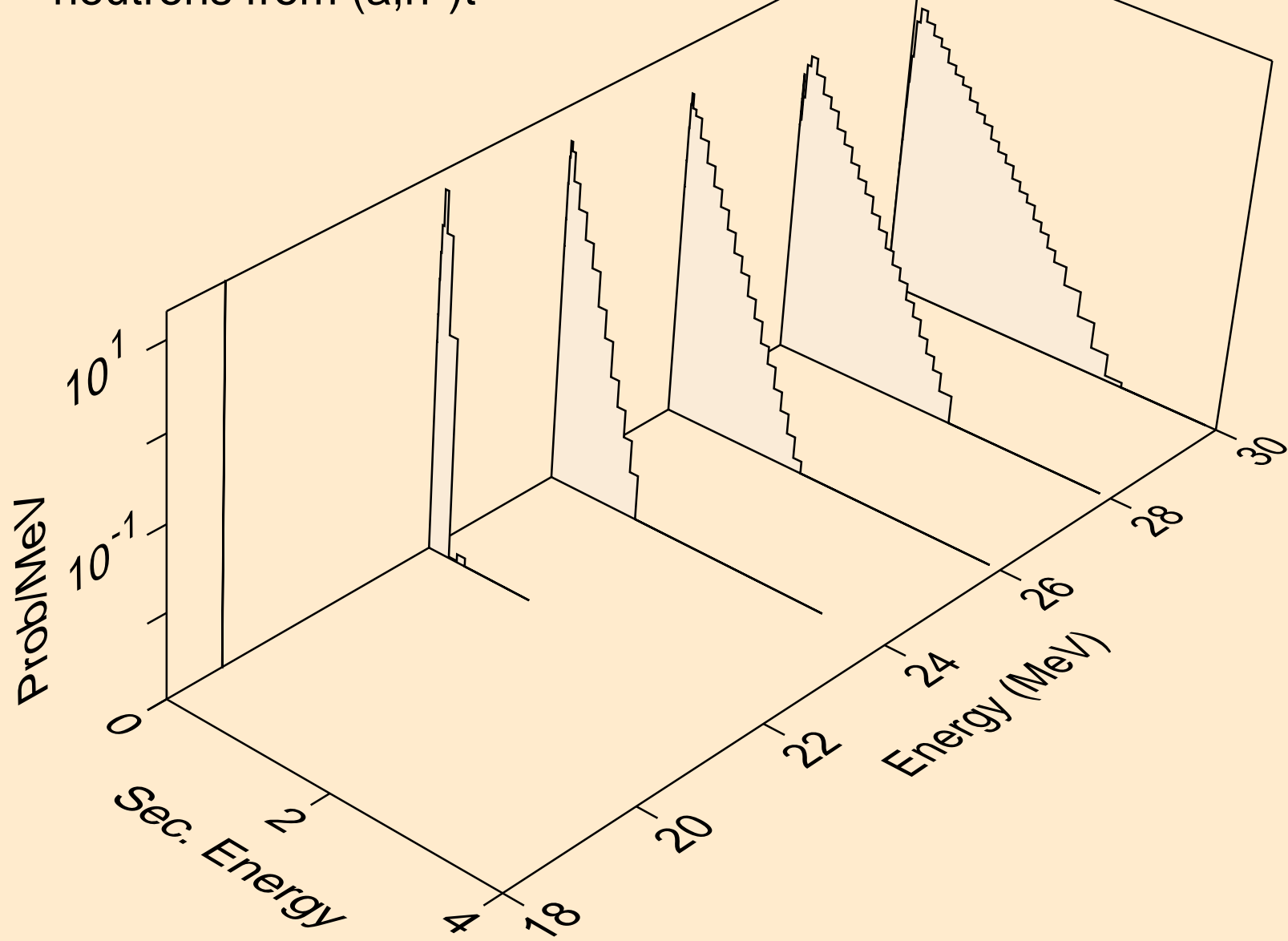
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



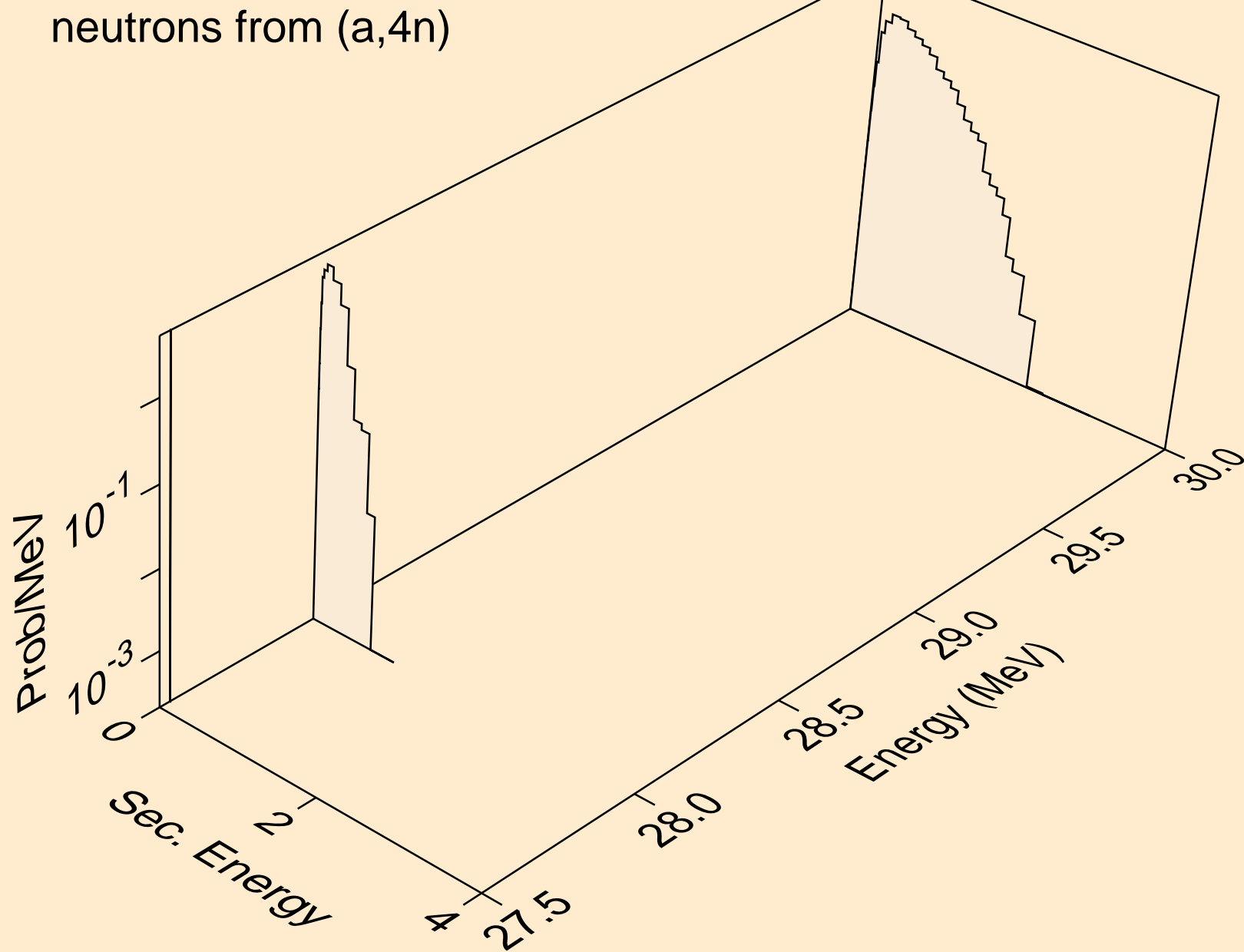
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neutrons from (a,n\*)d



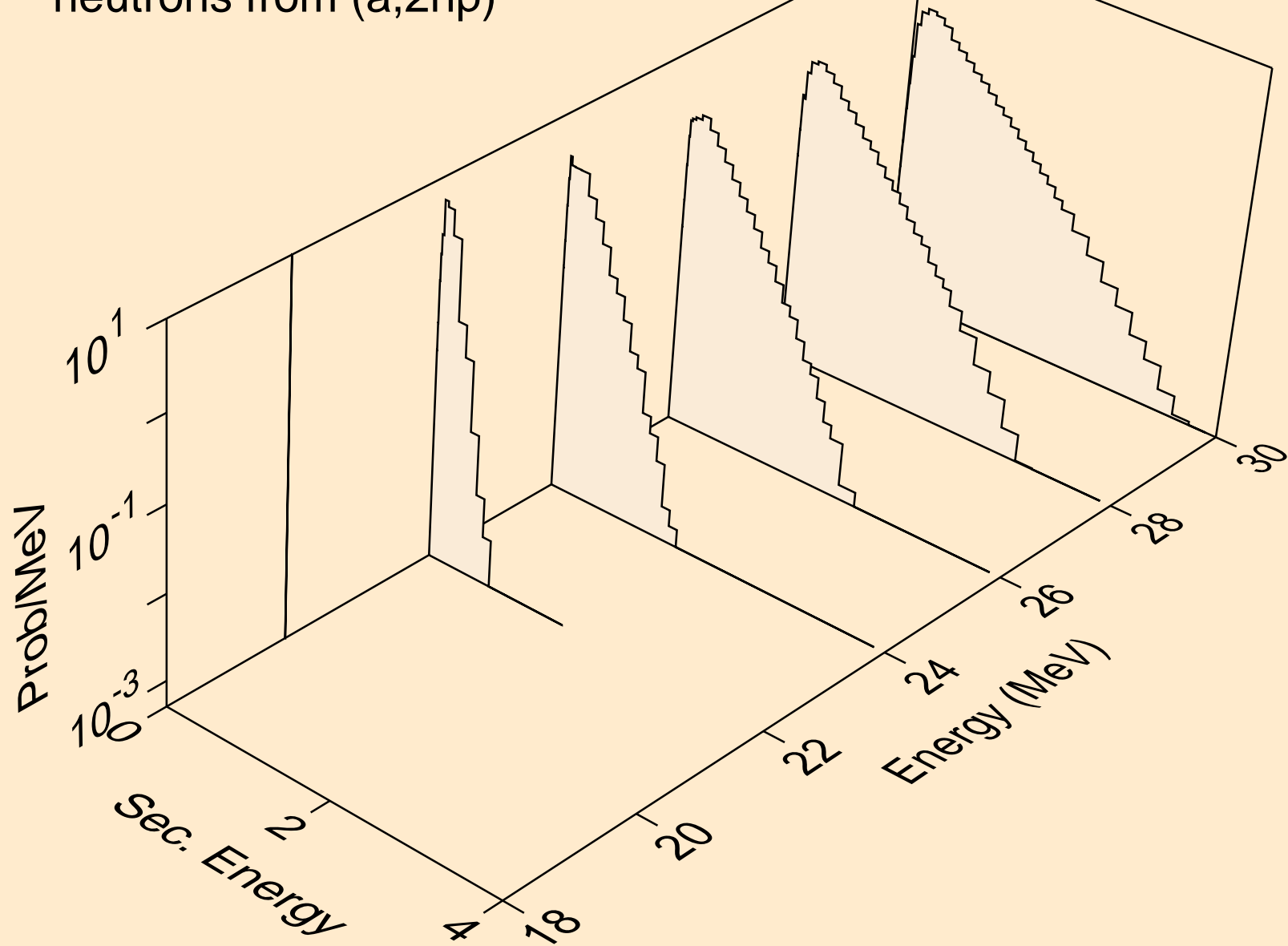
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



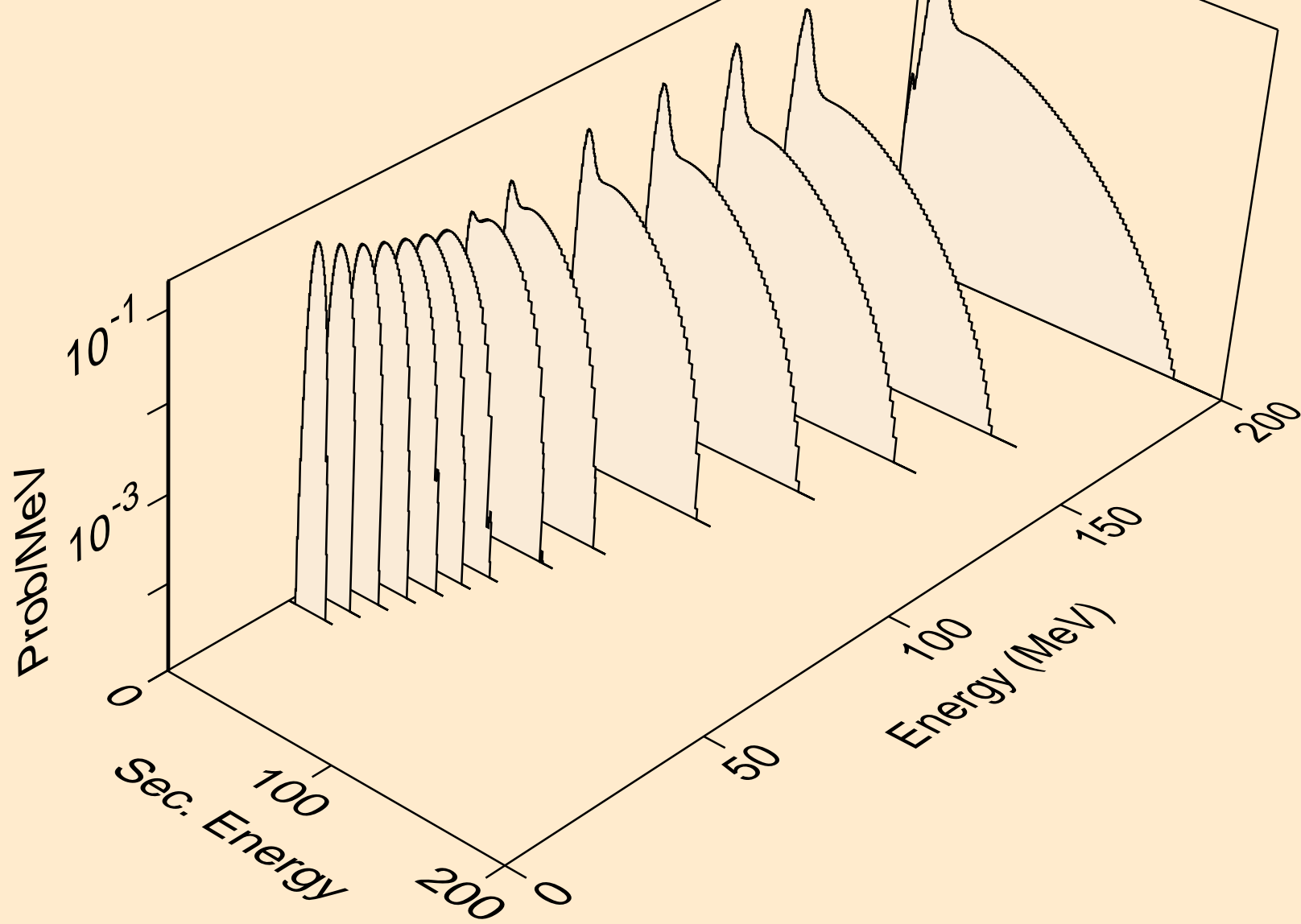
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

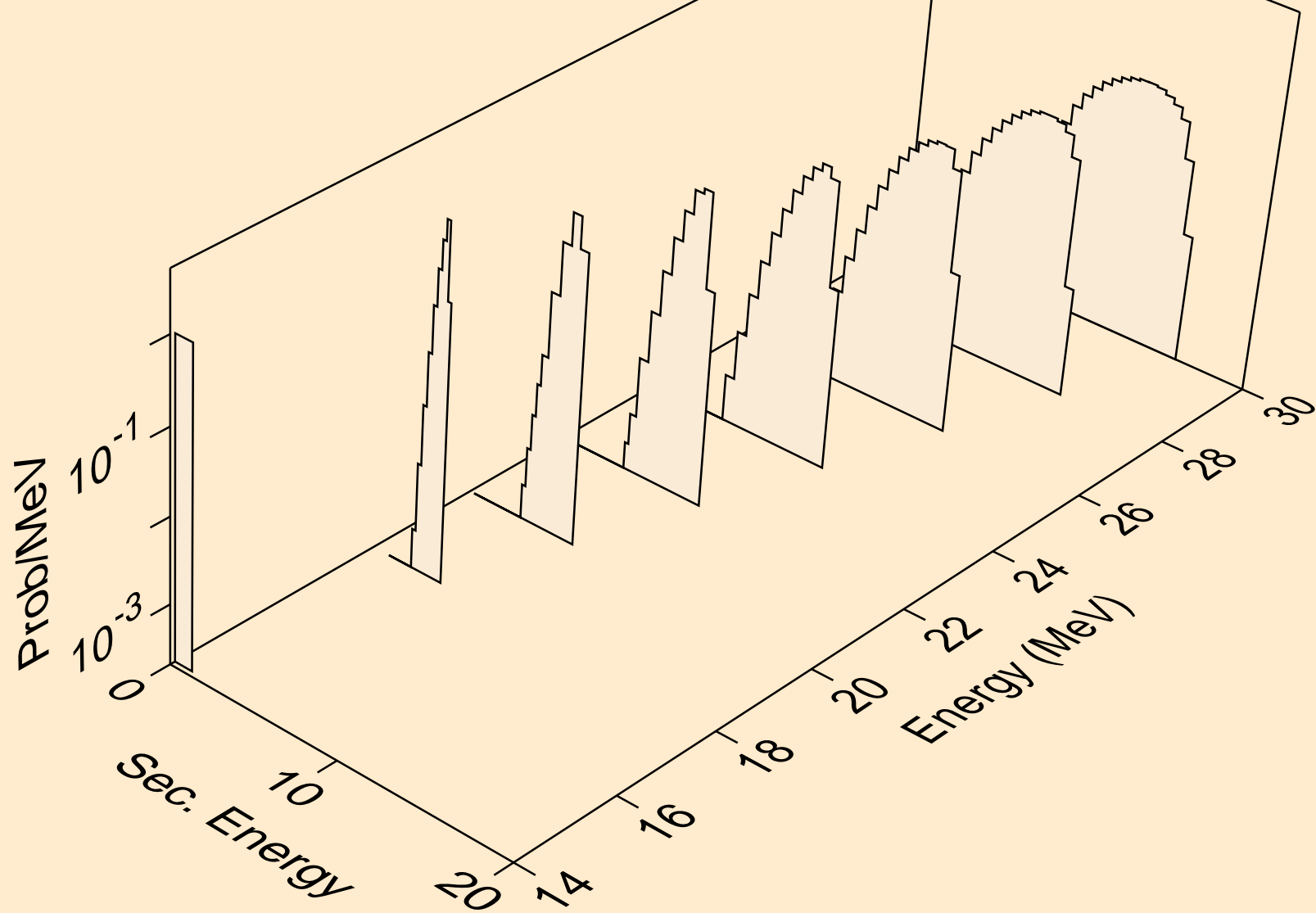


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)

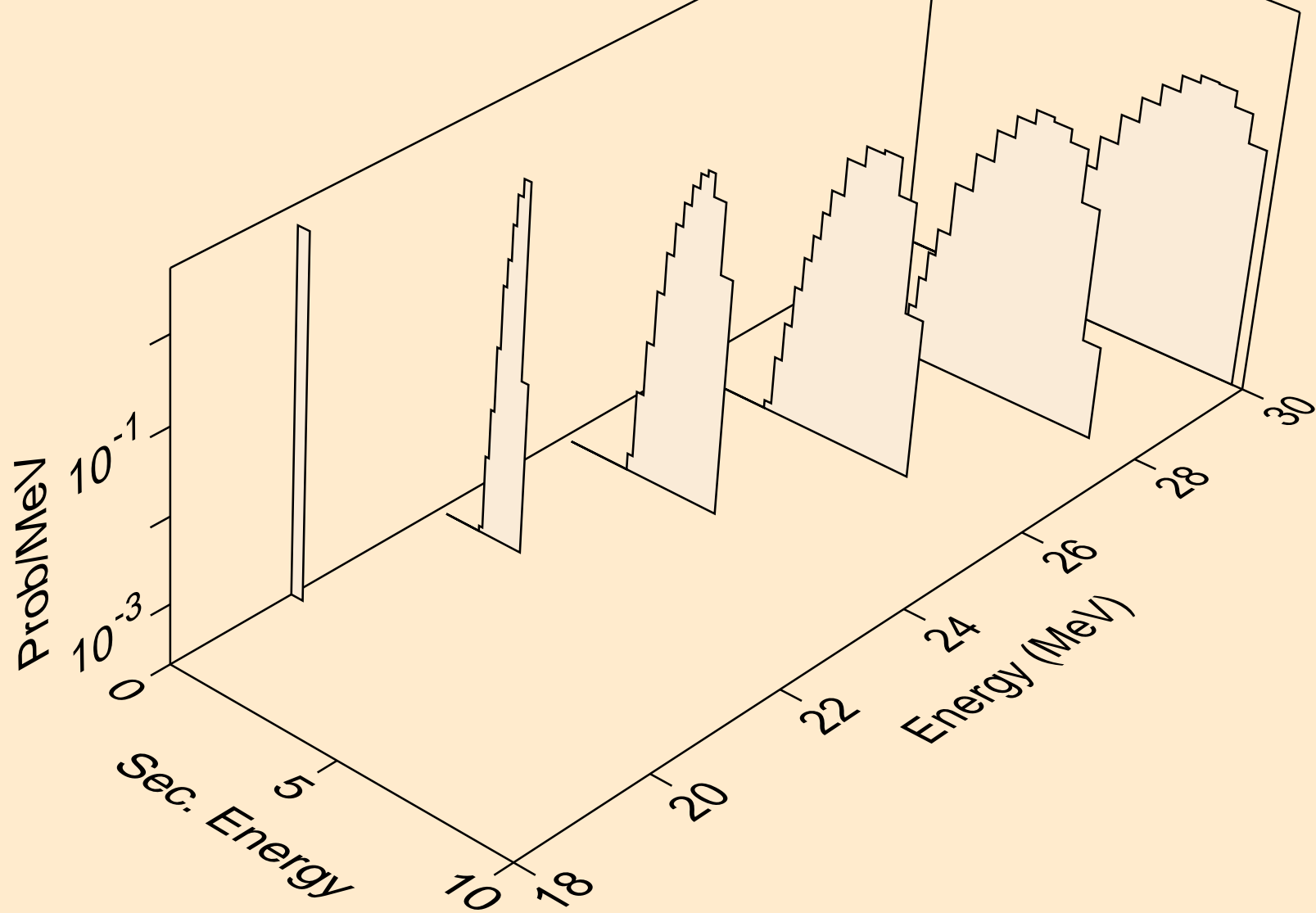




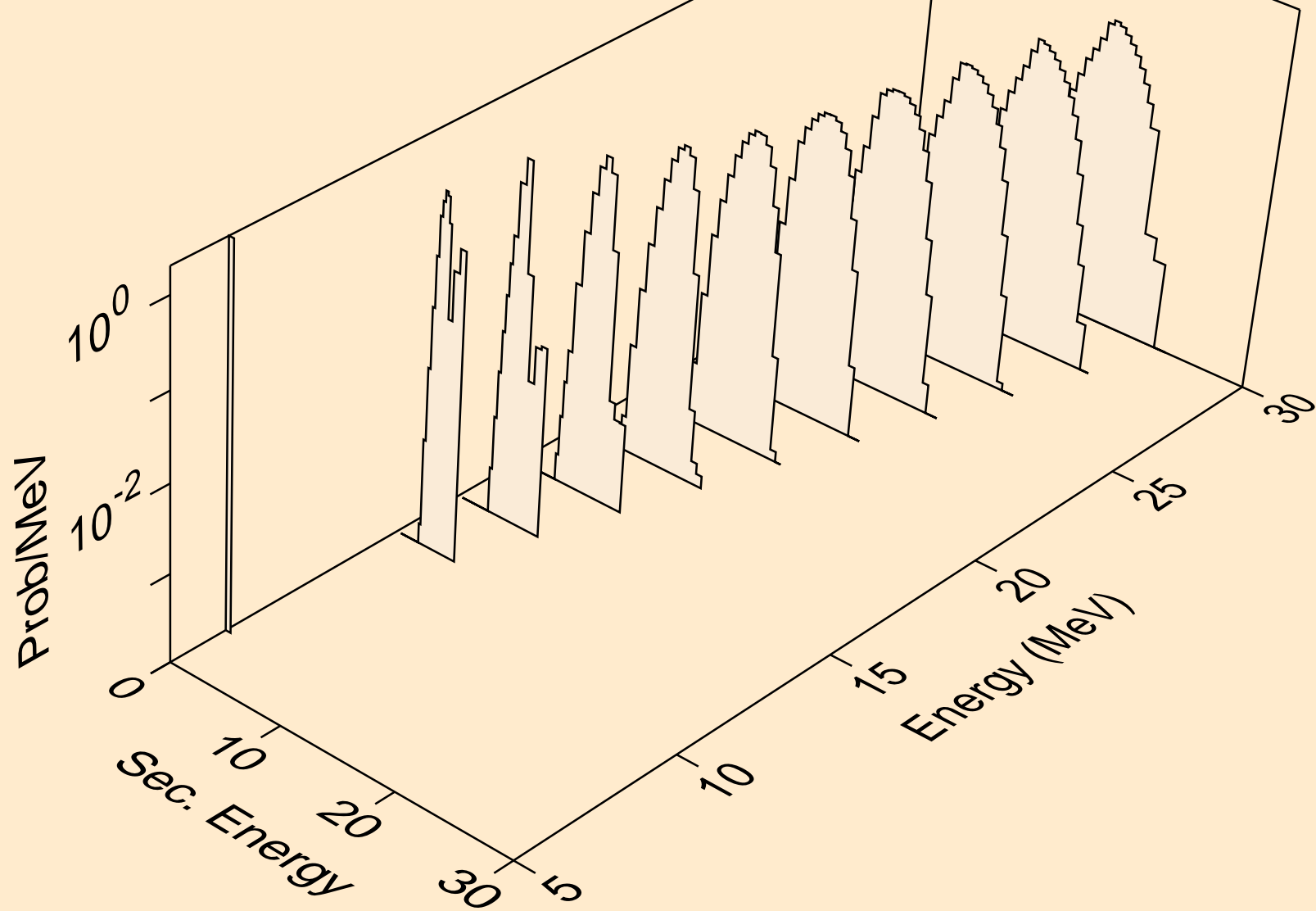
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



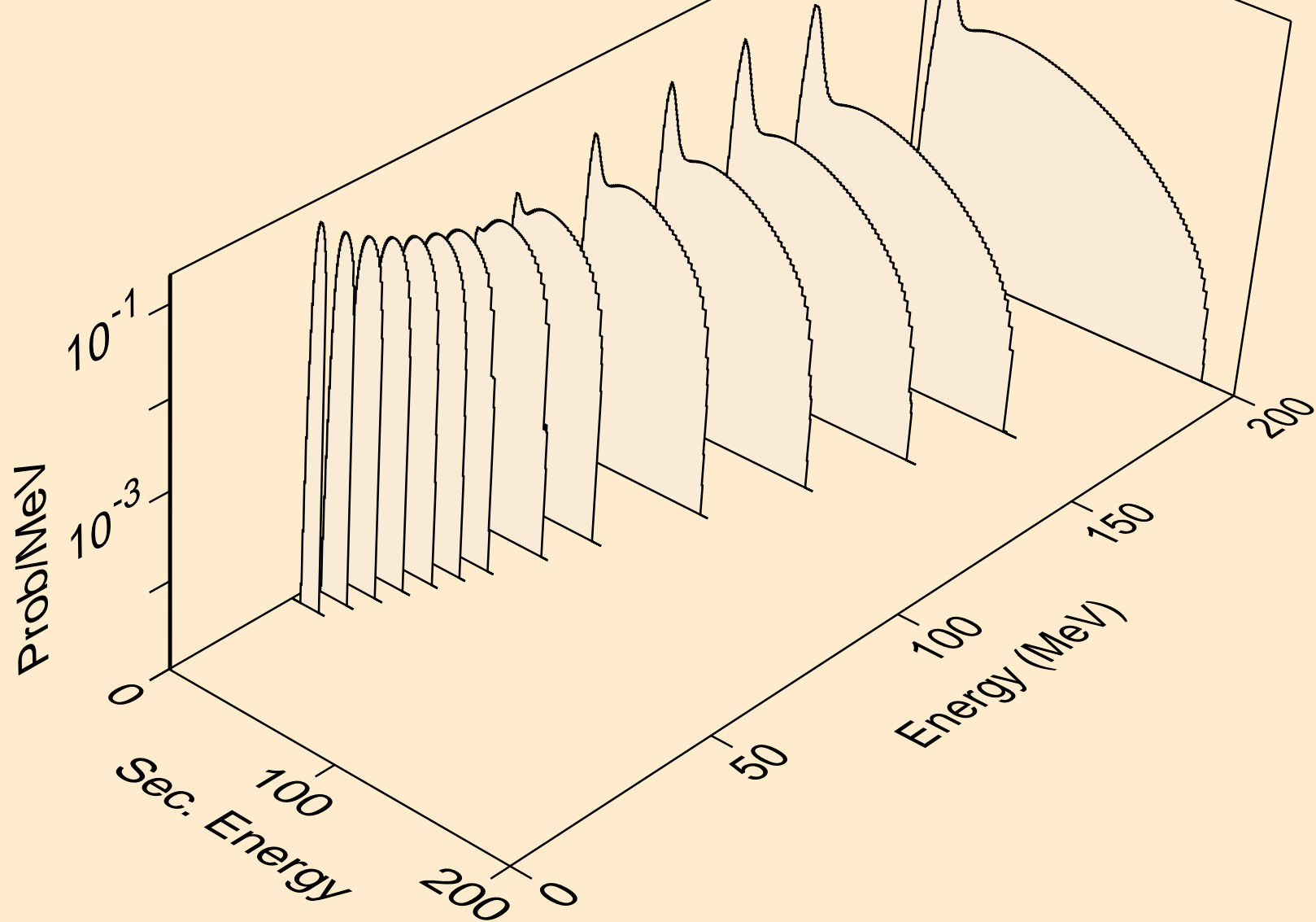
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



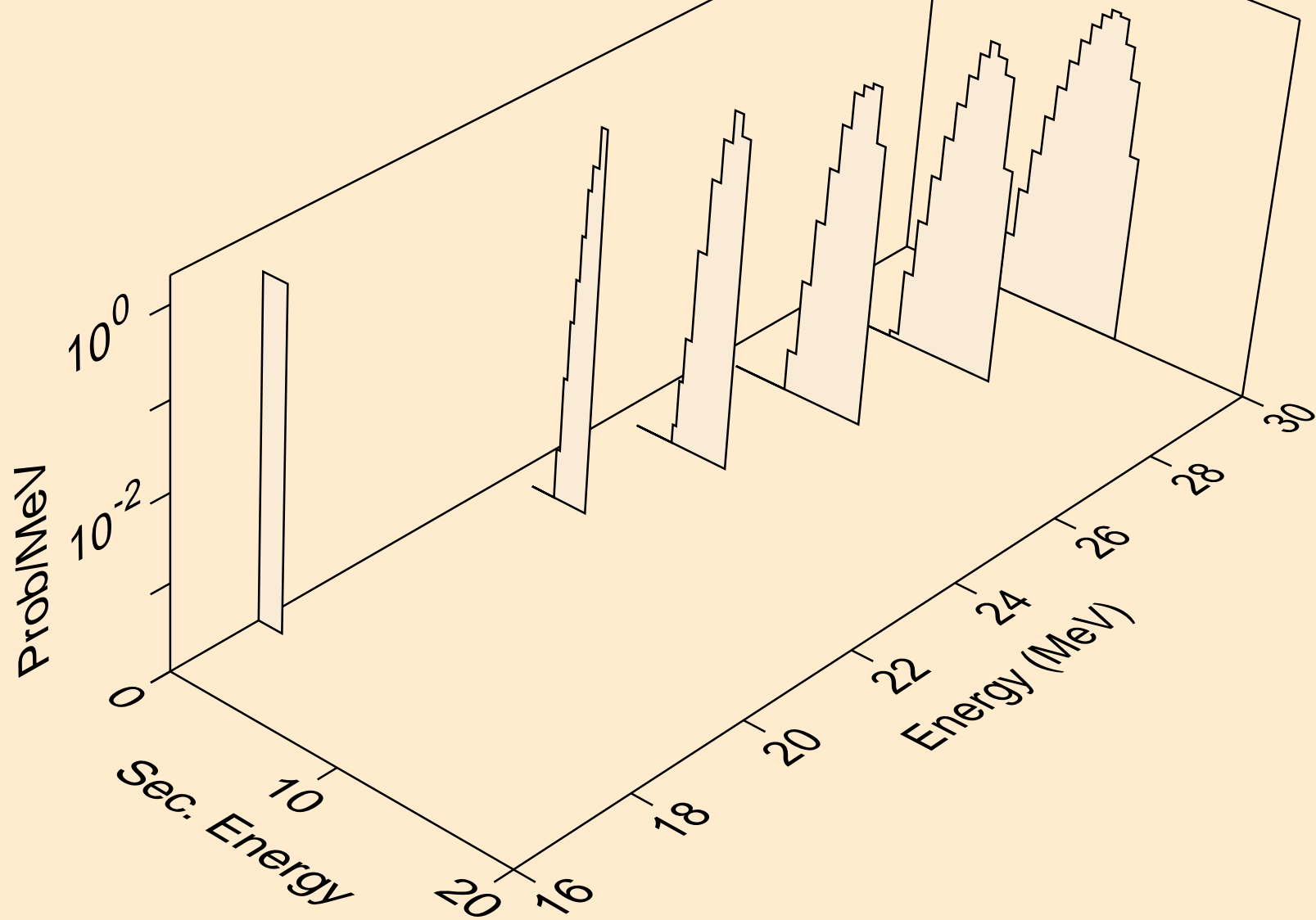
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



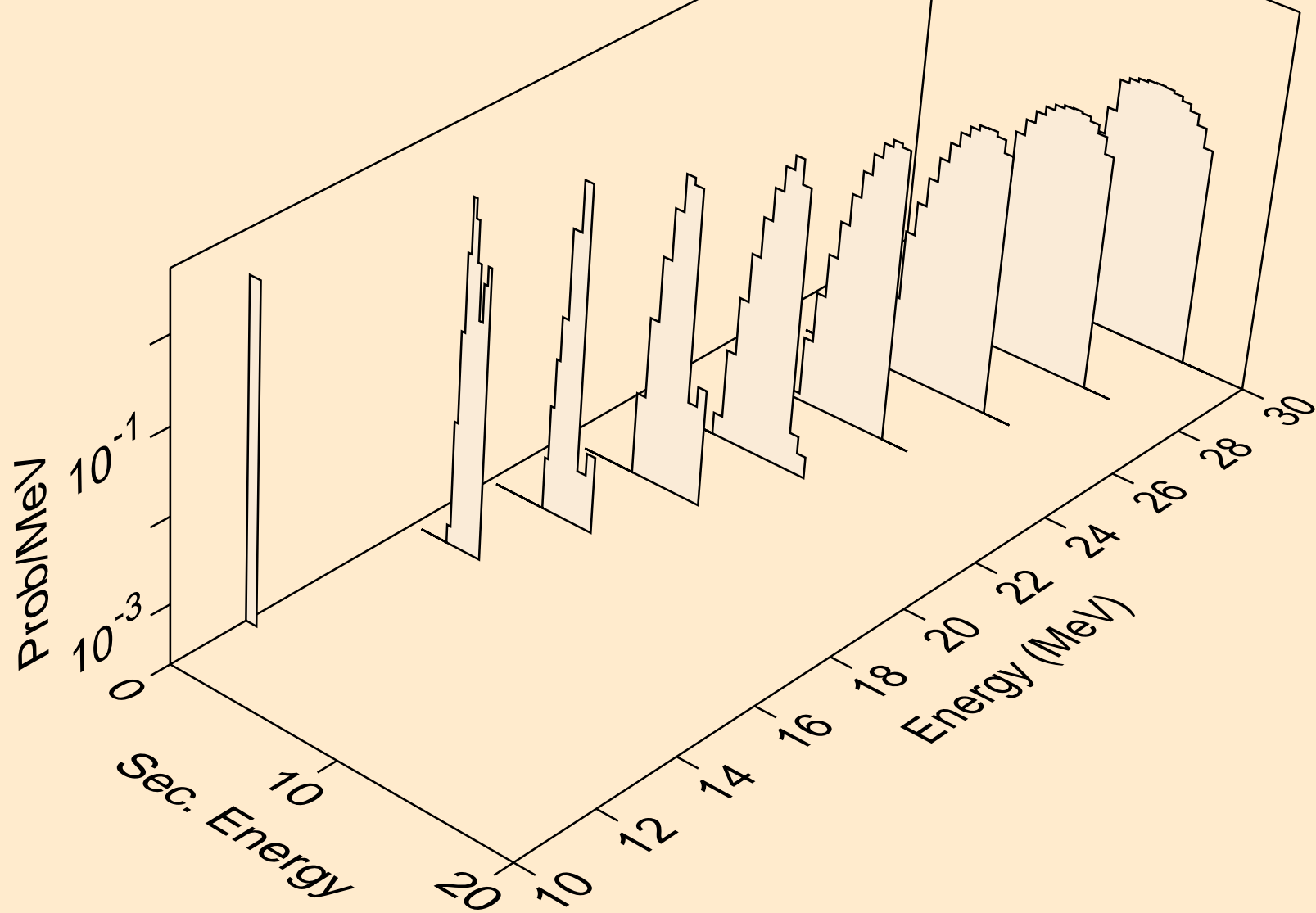
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



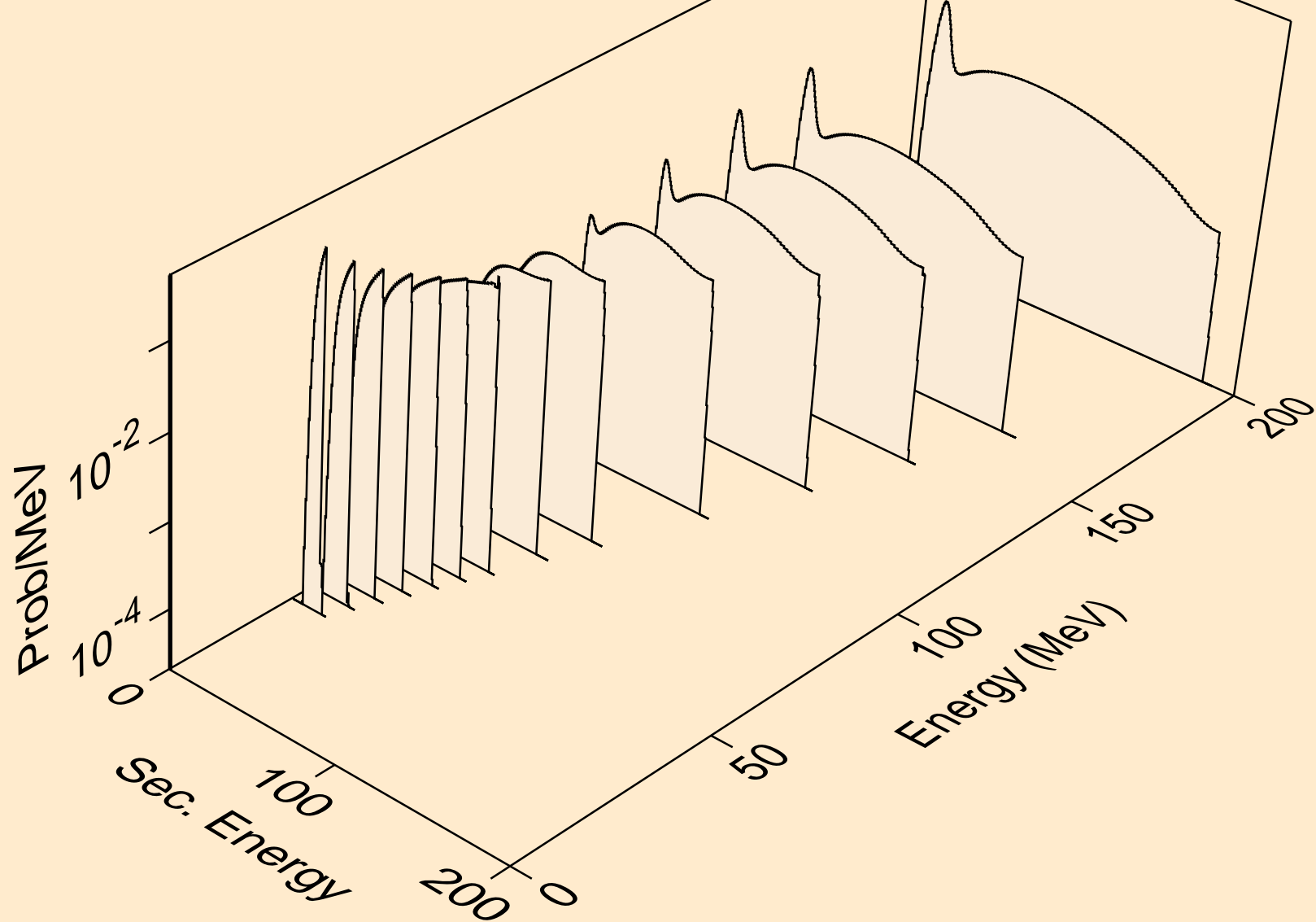
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



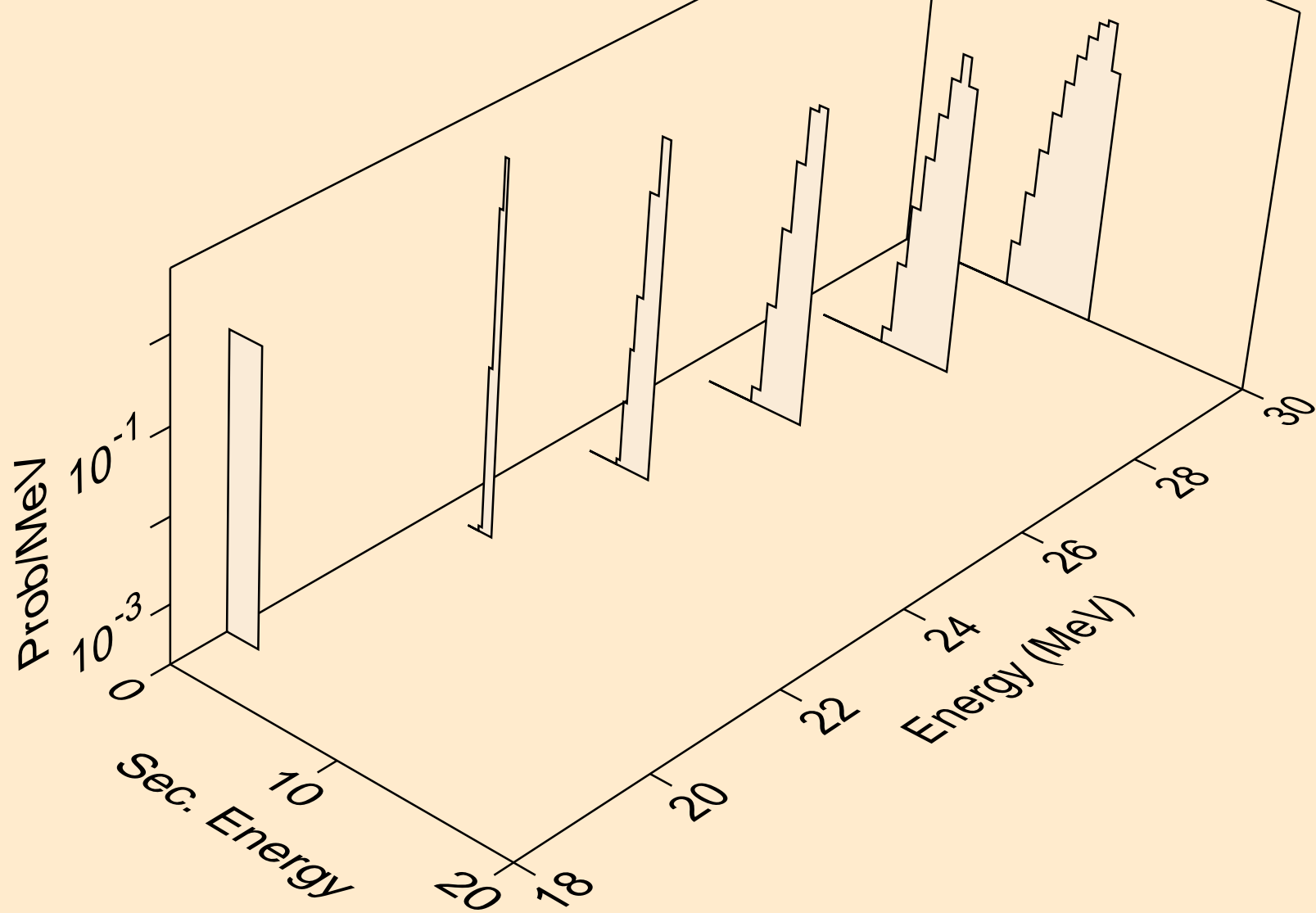
IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

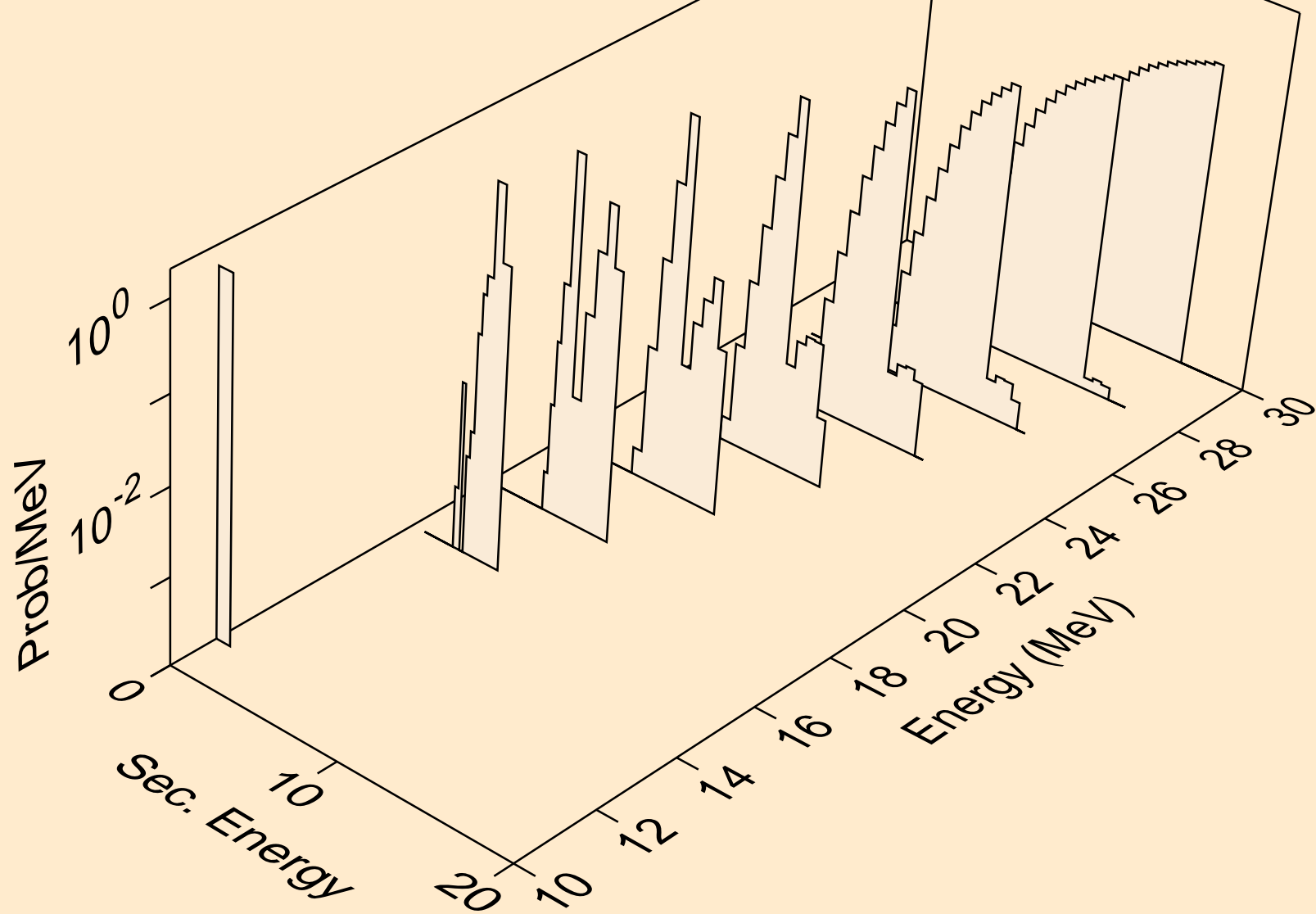


IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t

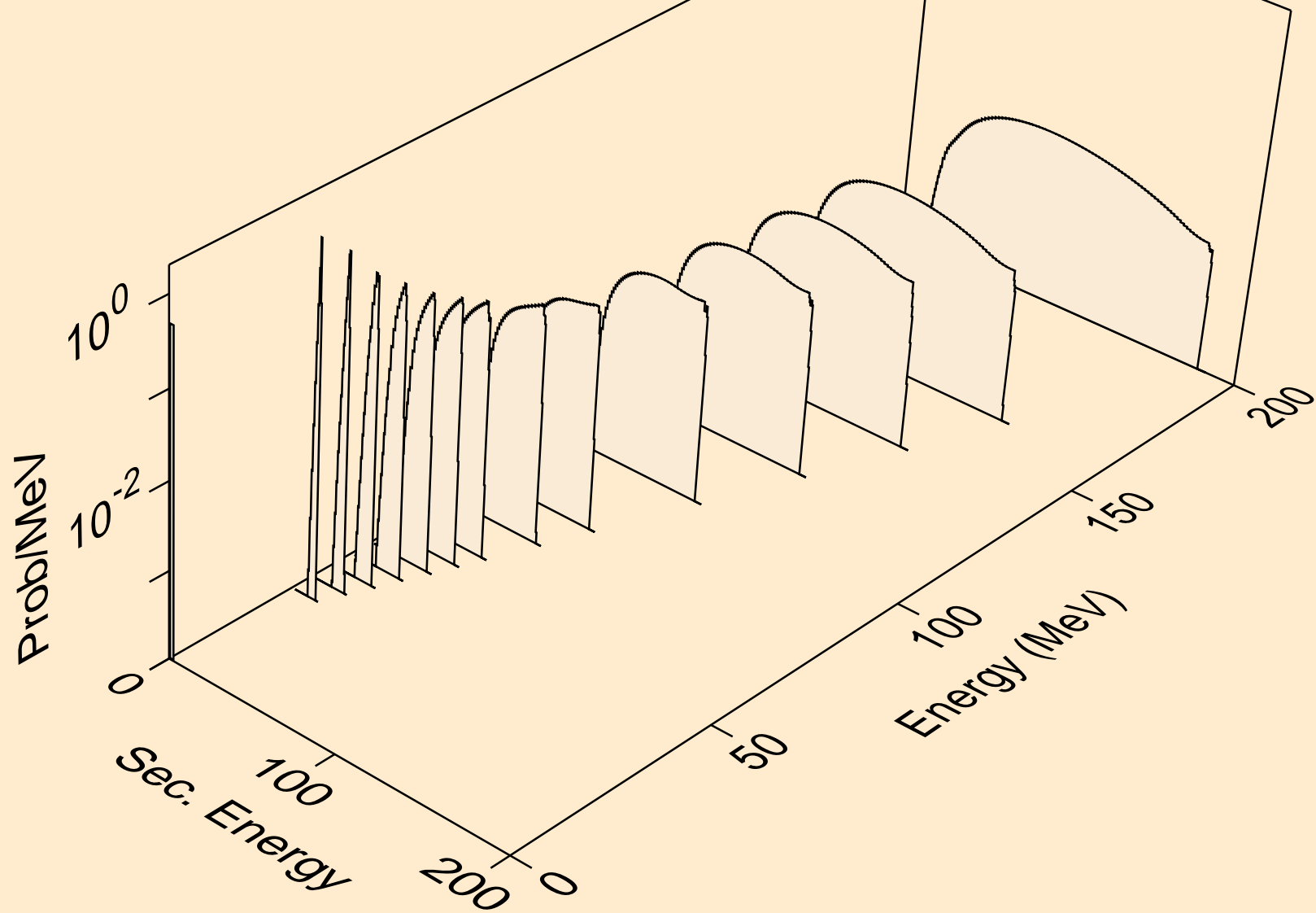




IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



IR197 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

