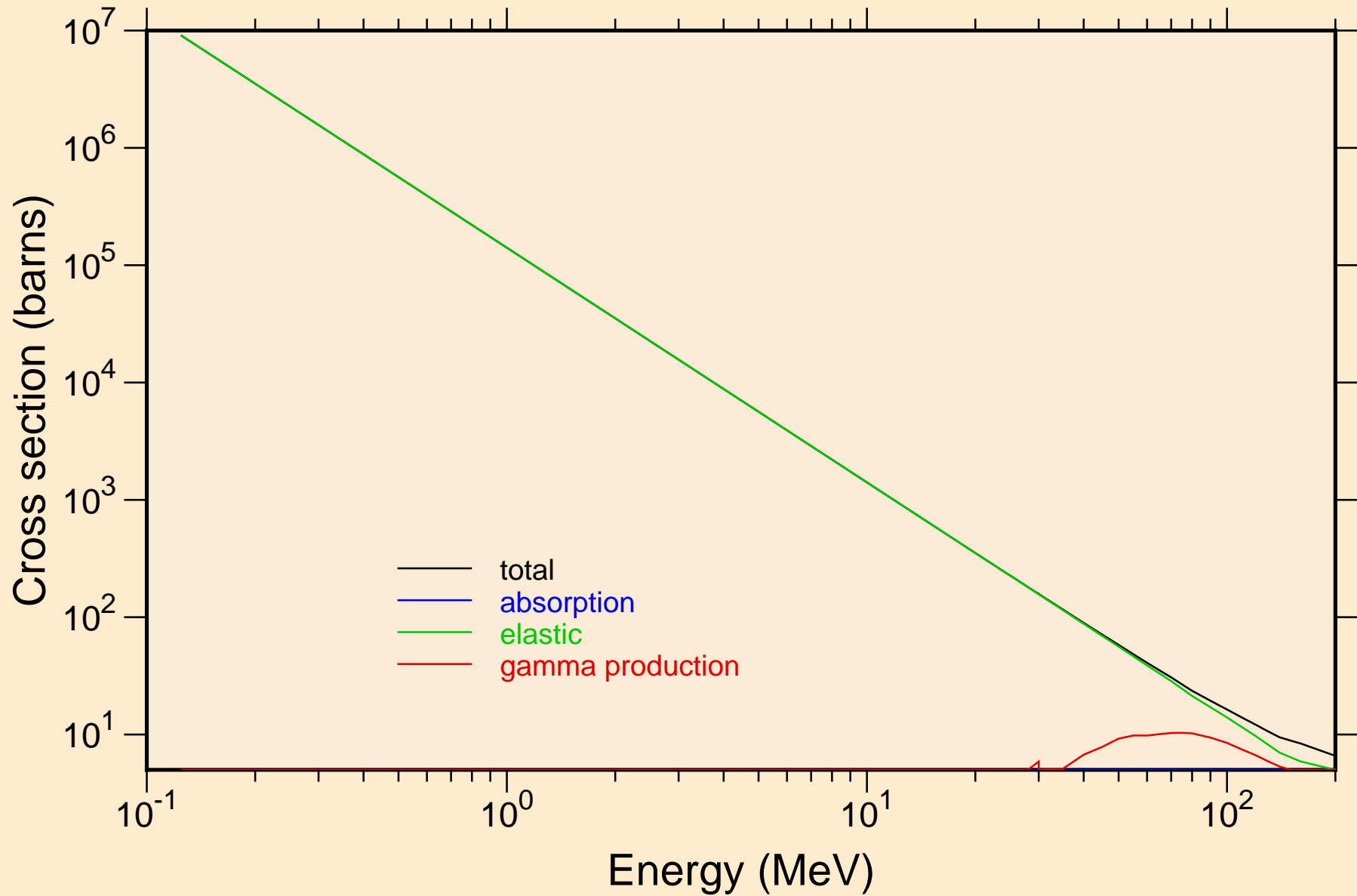
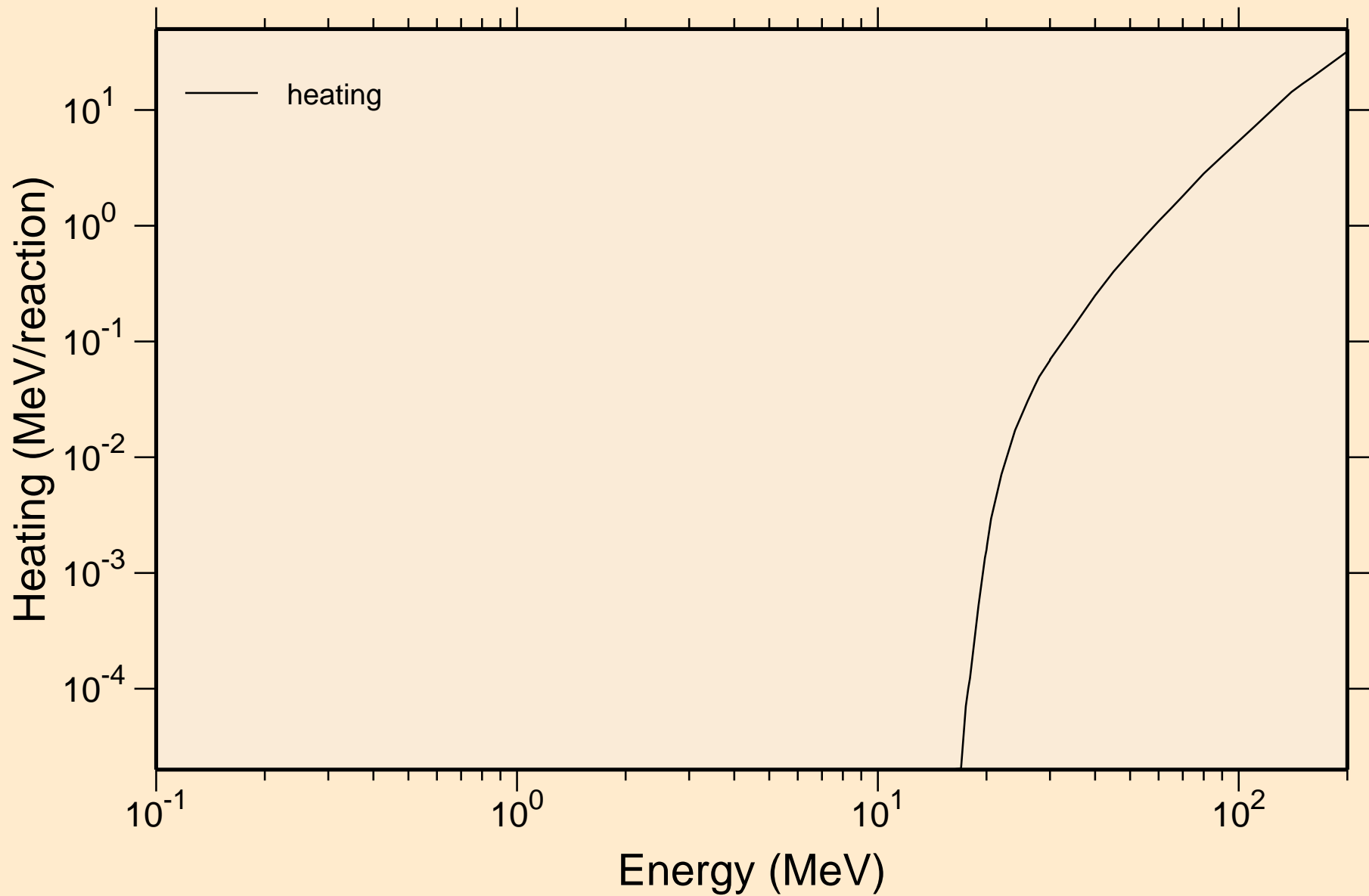


# W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

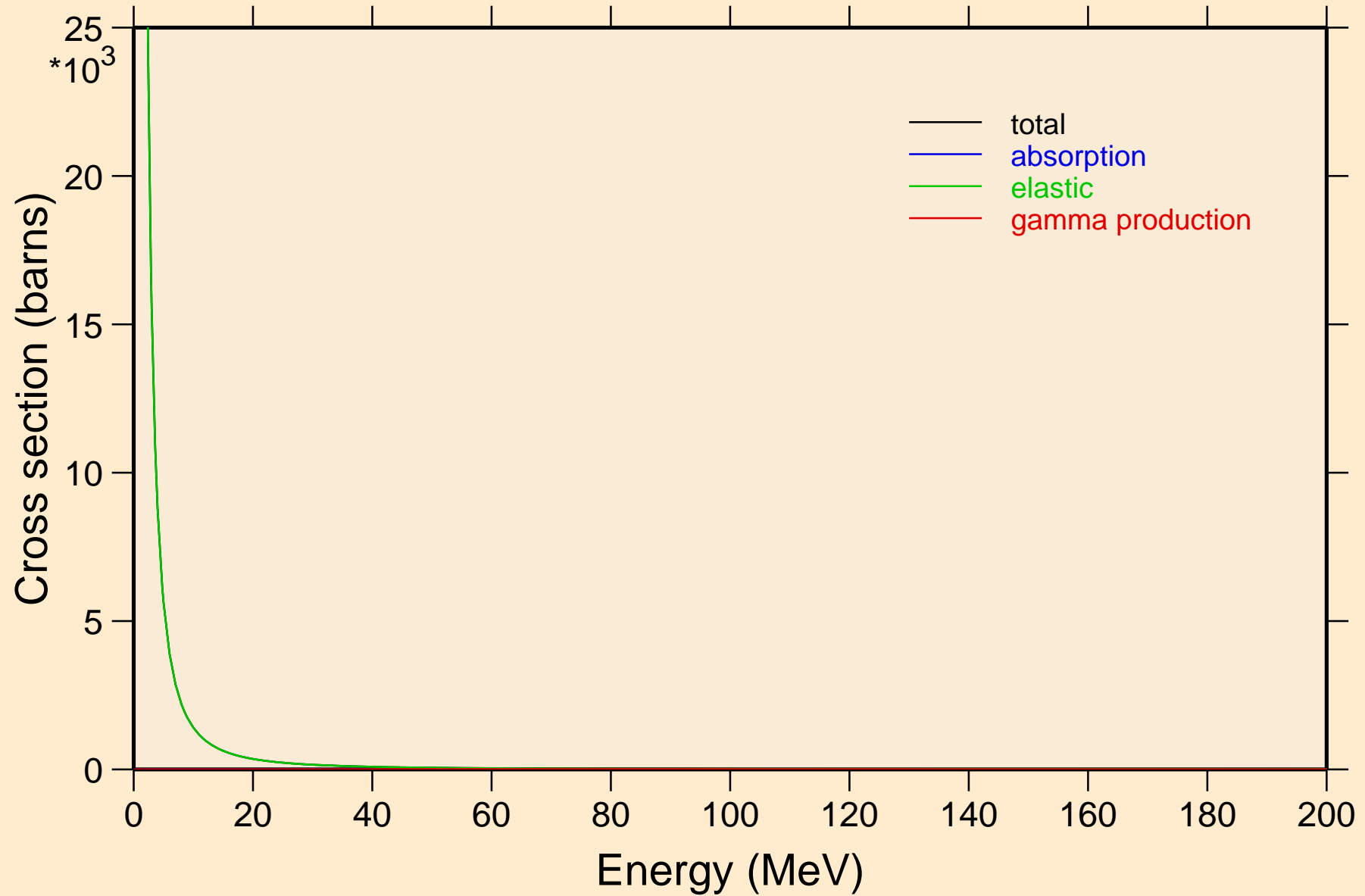


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



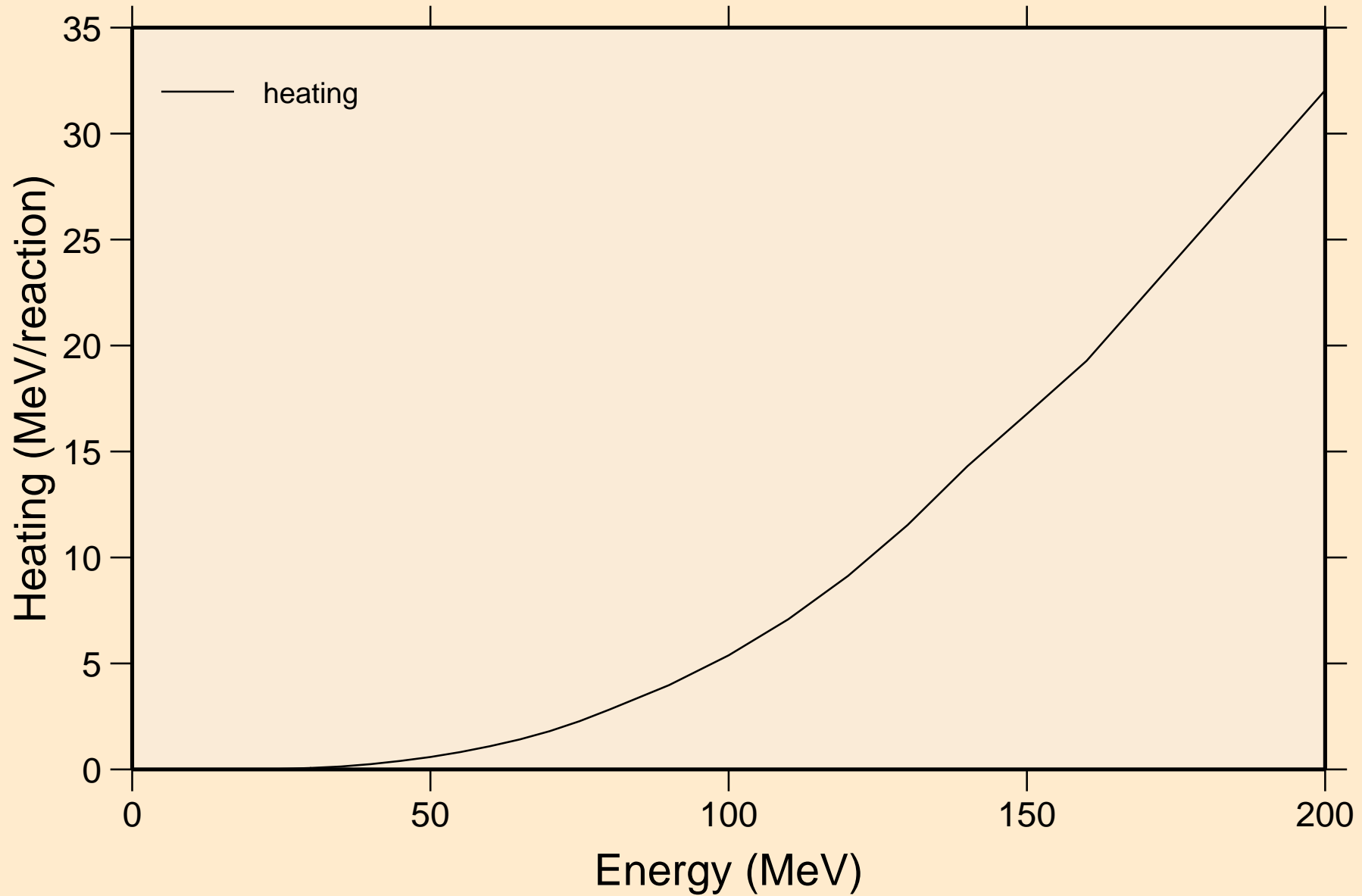
# W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



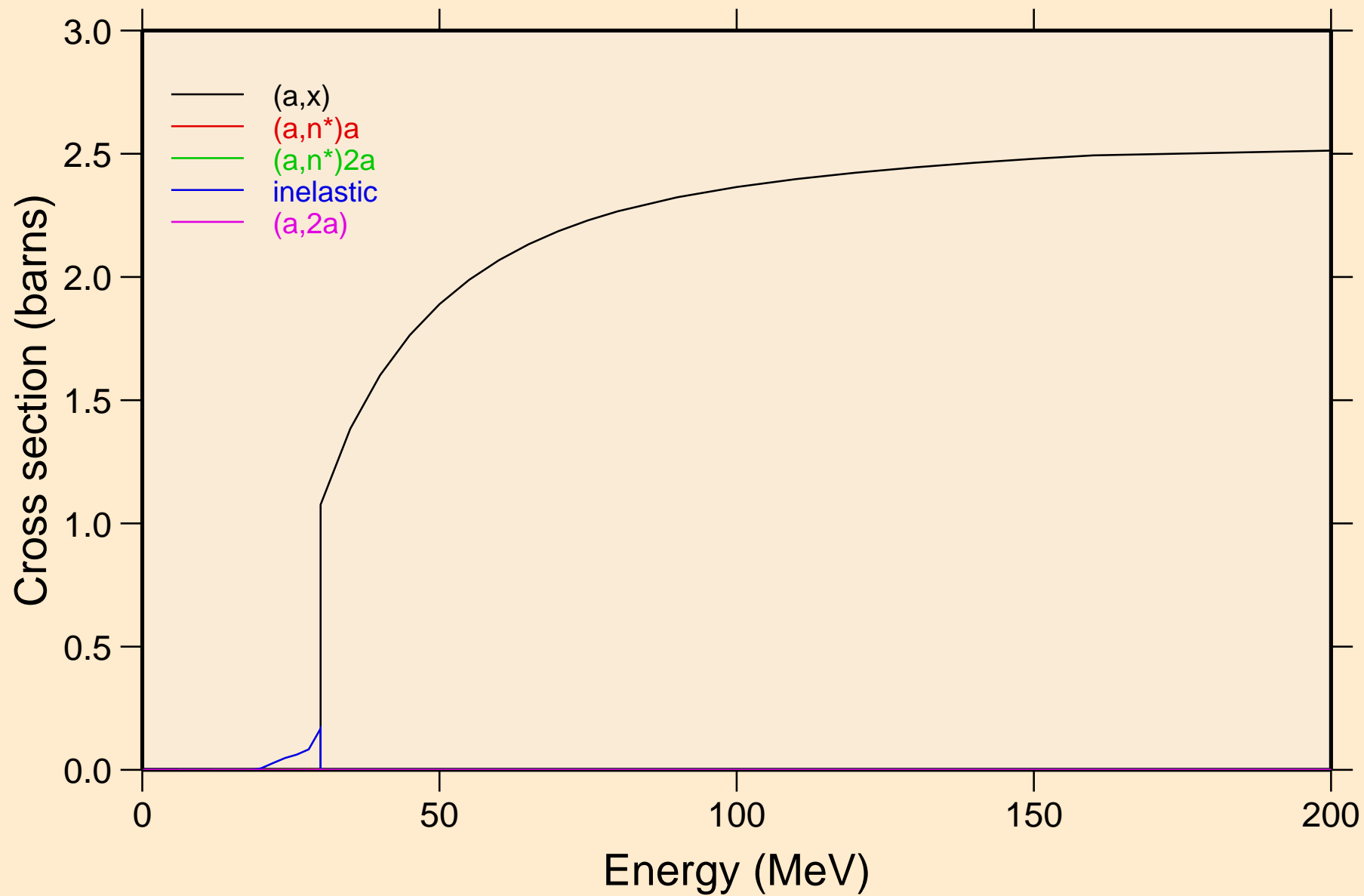
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

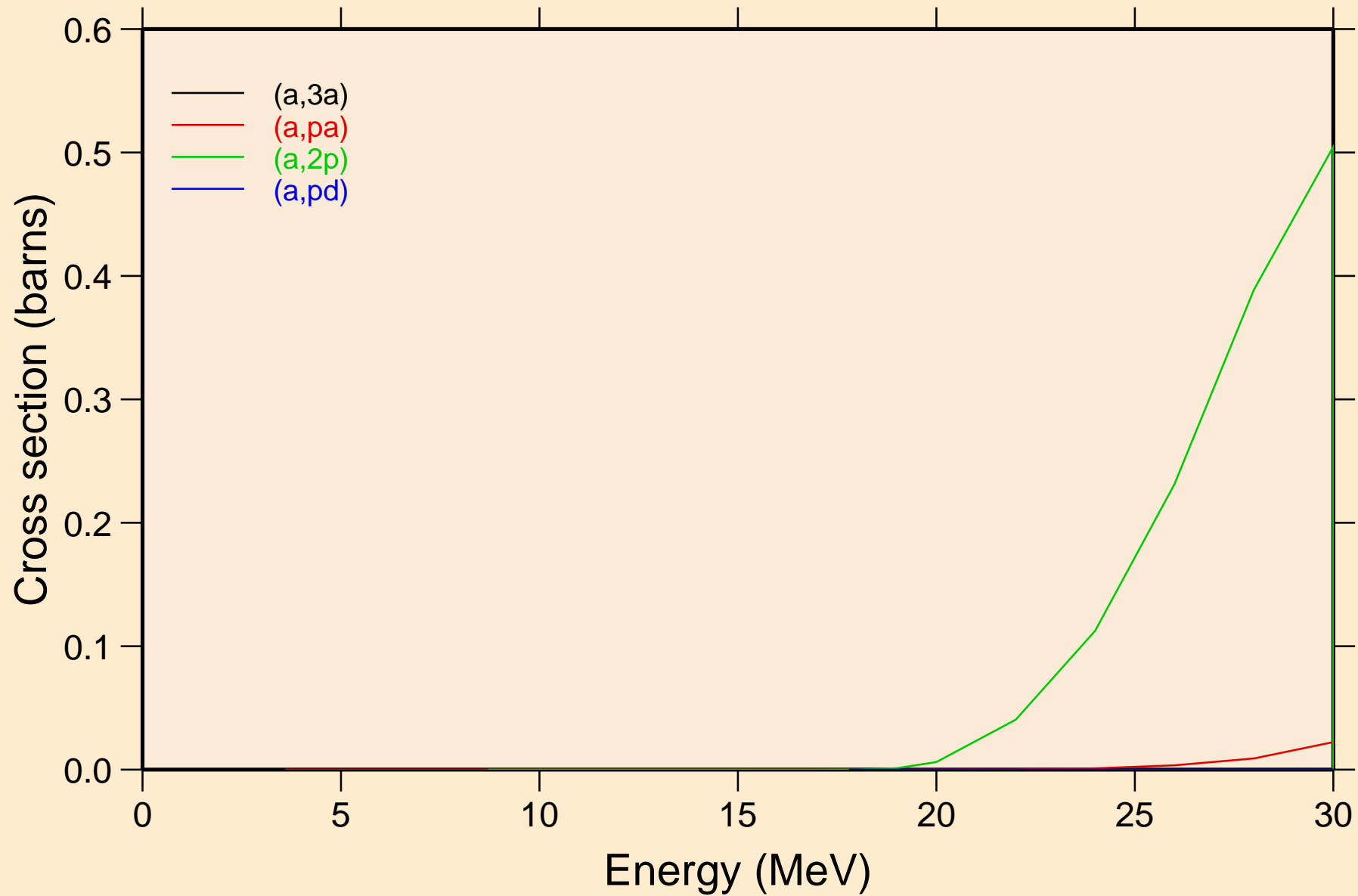


# W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

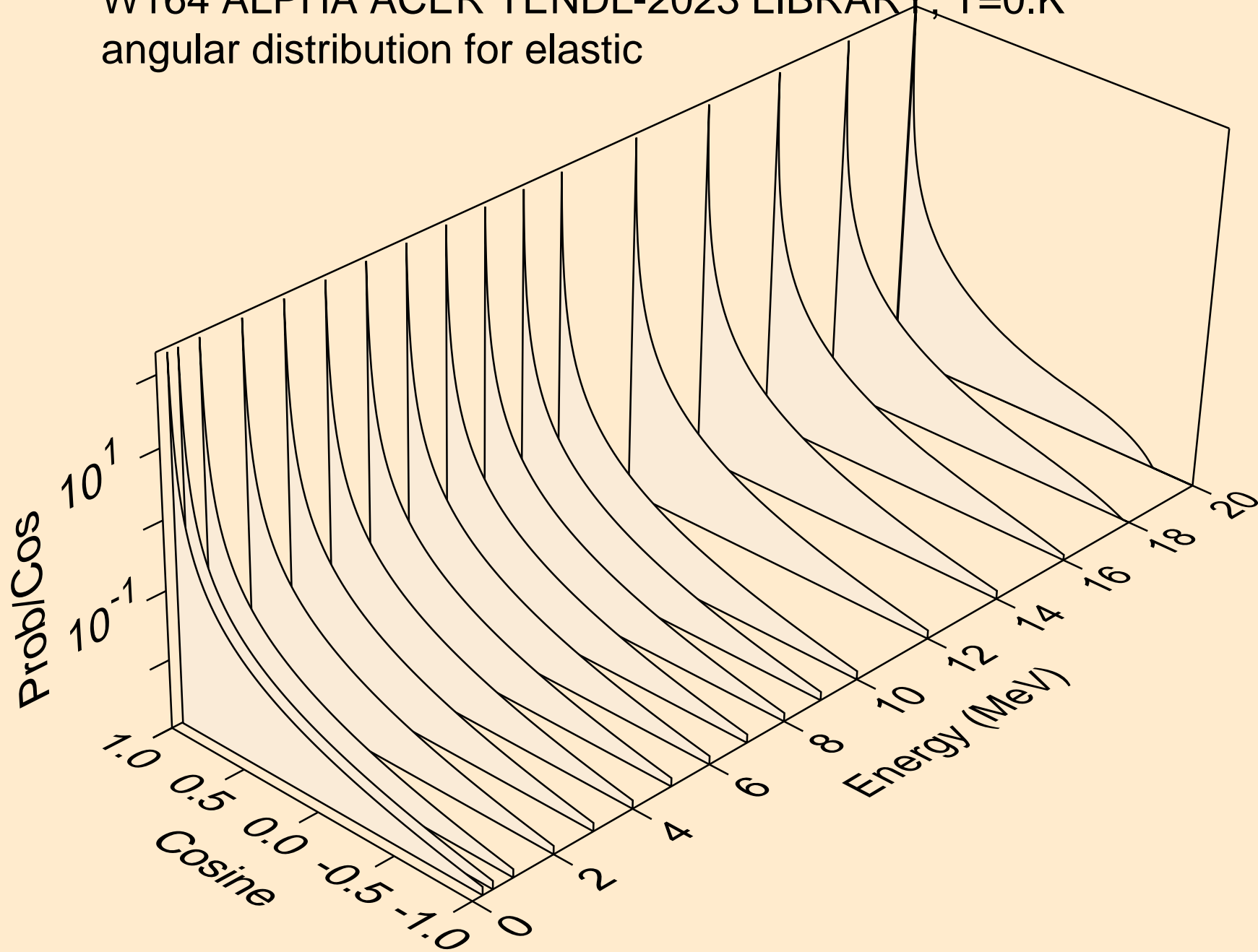
## Threshold reactions



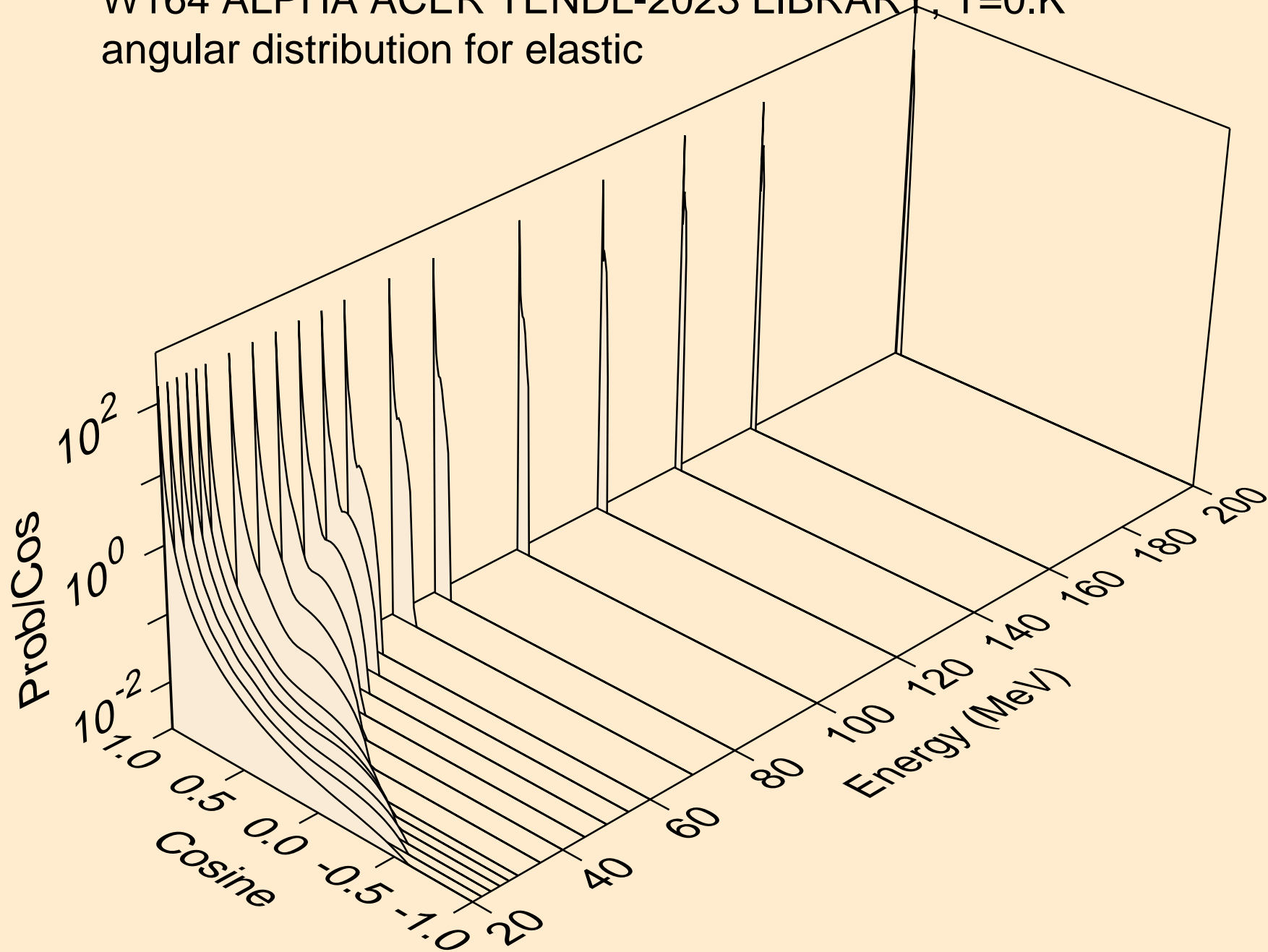
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

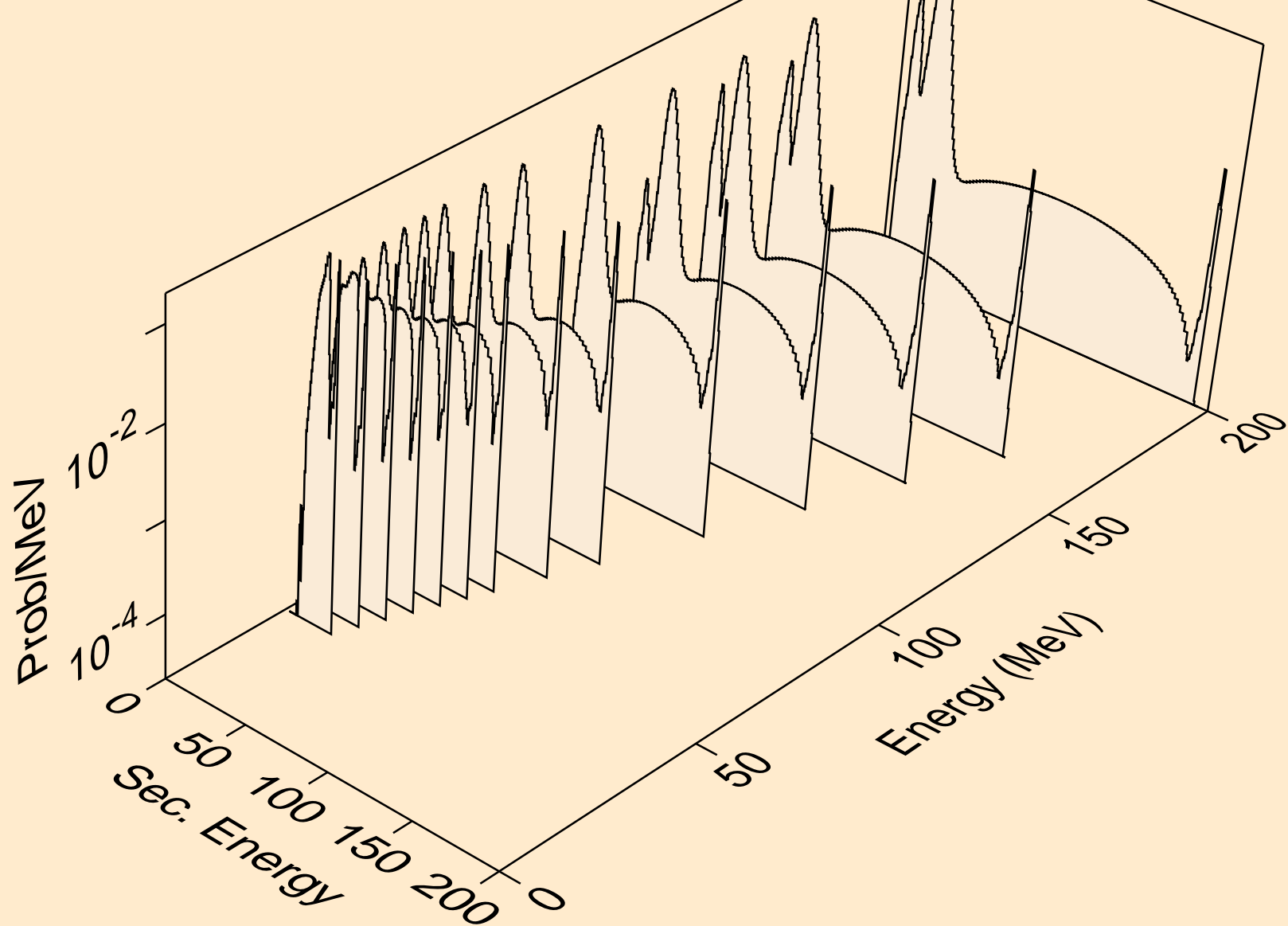


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

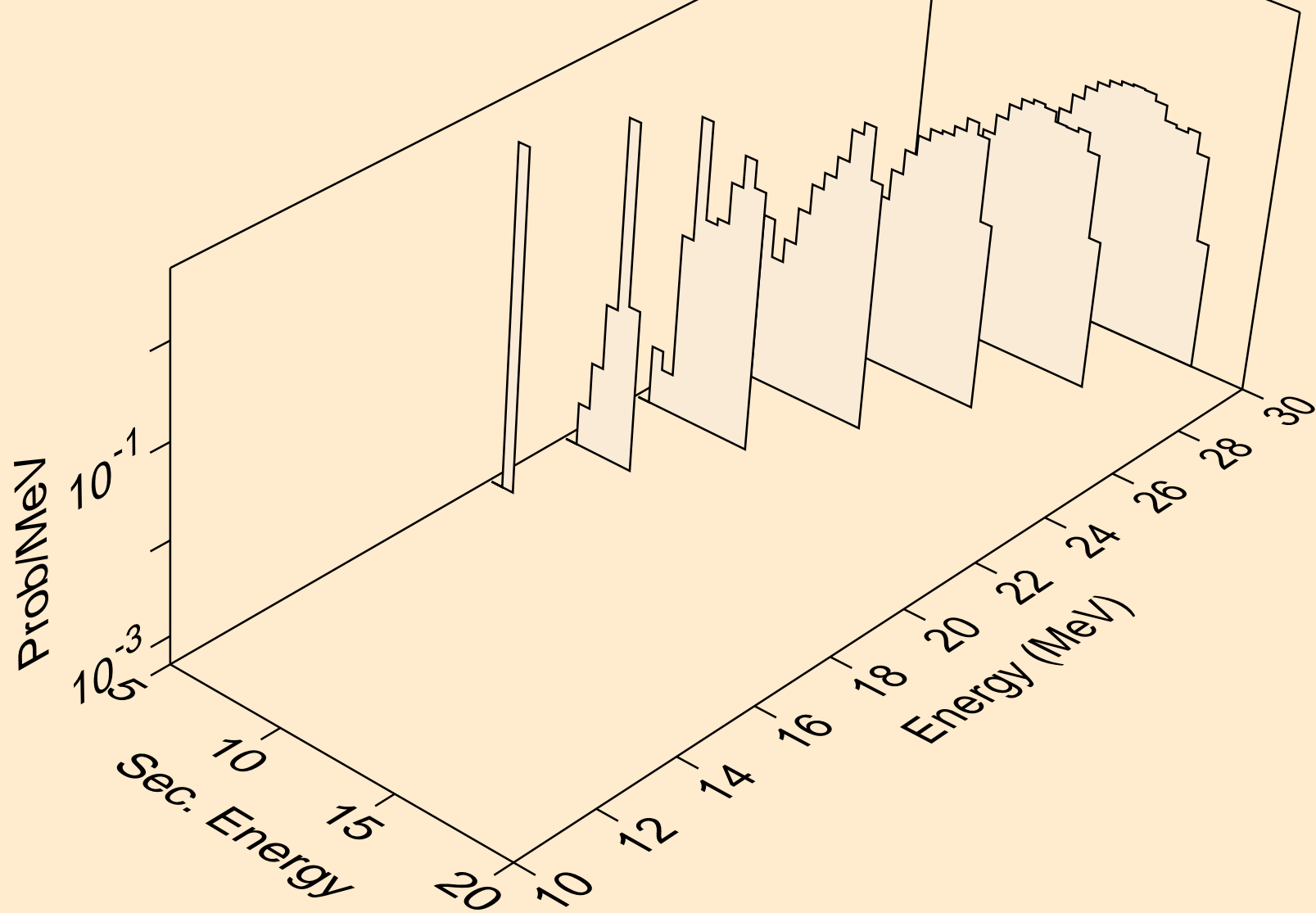




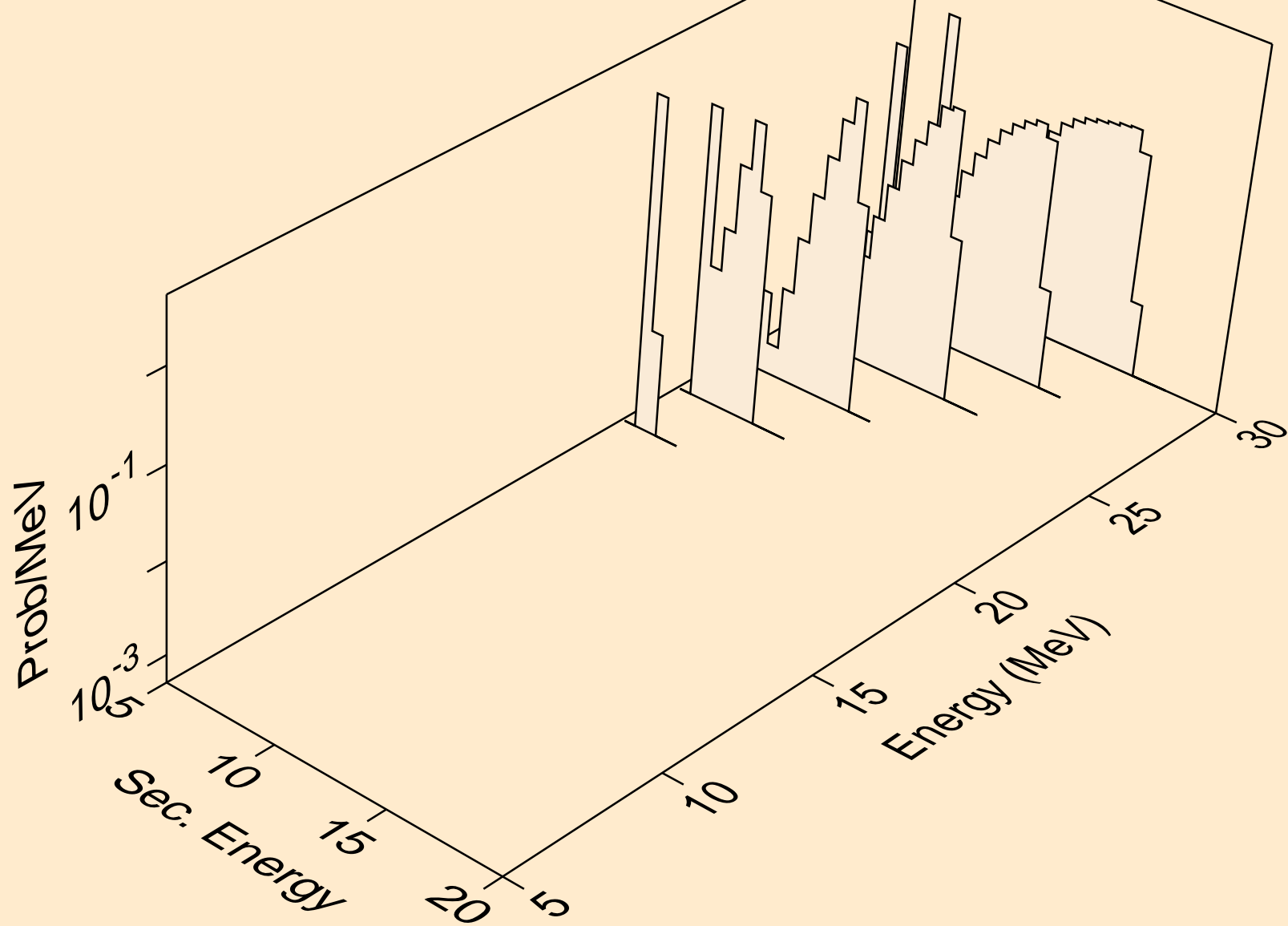
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



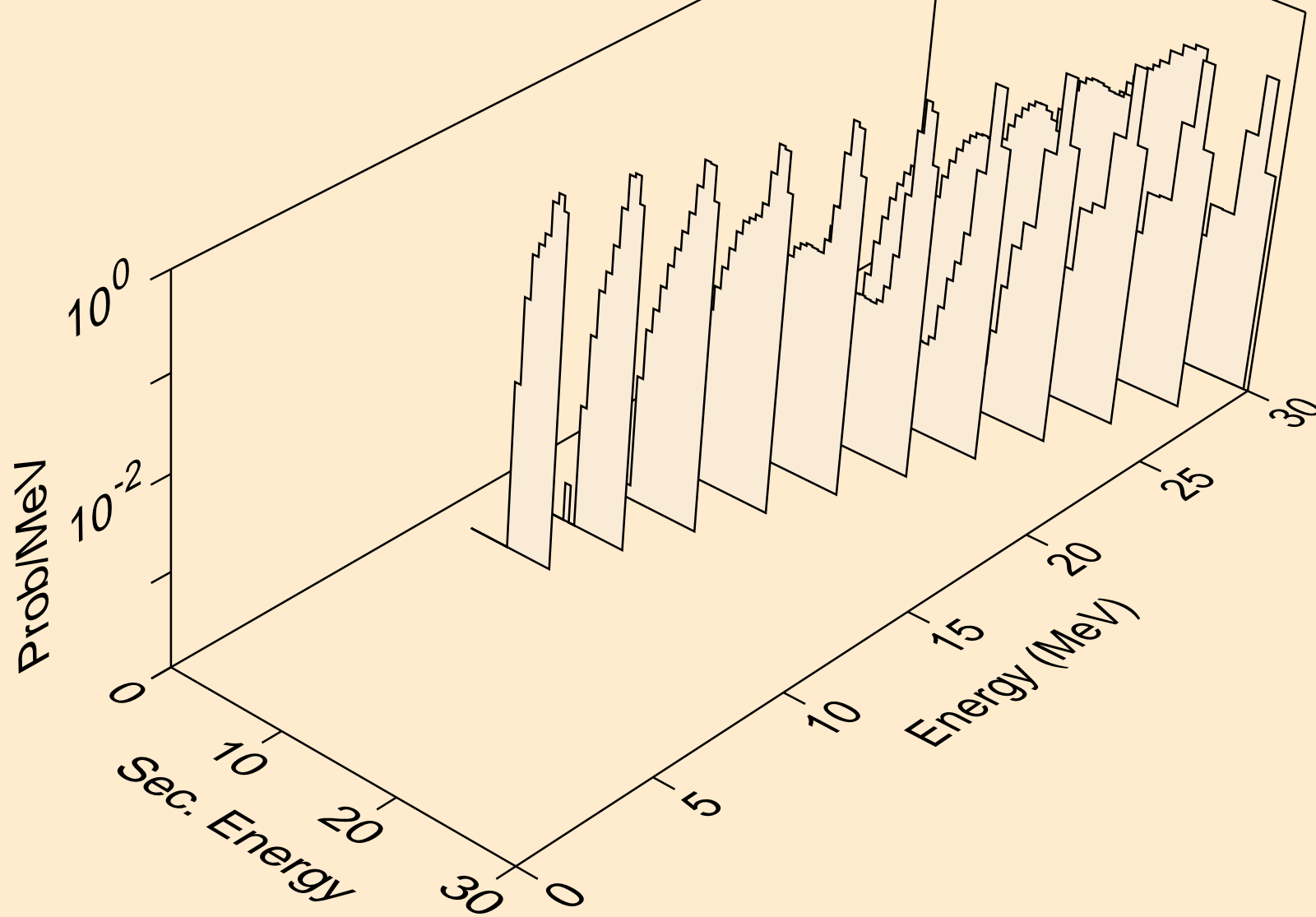
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



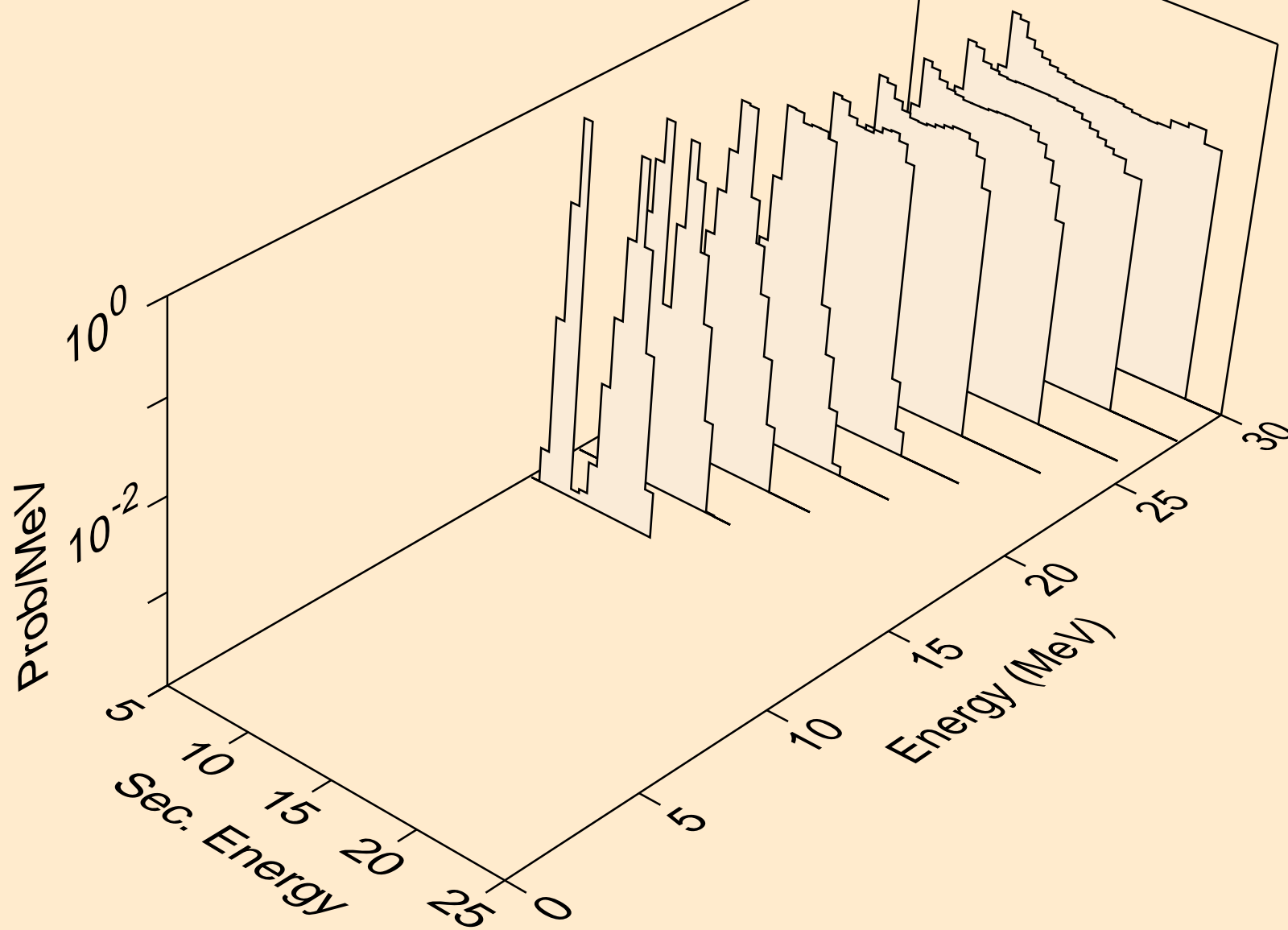
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



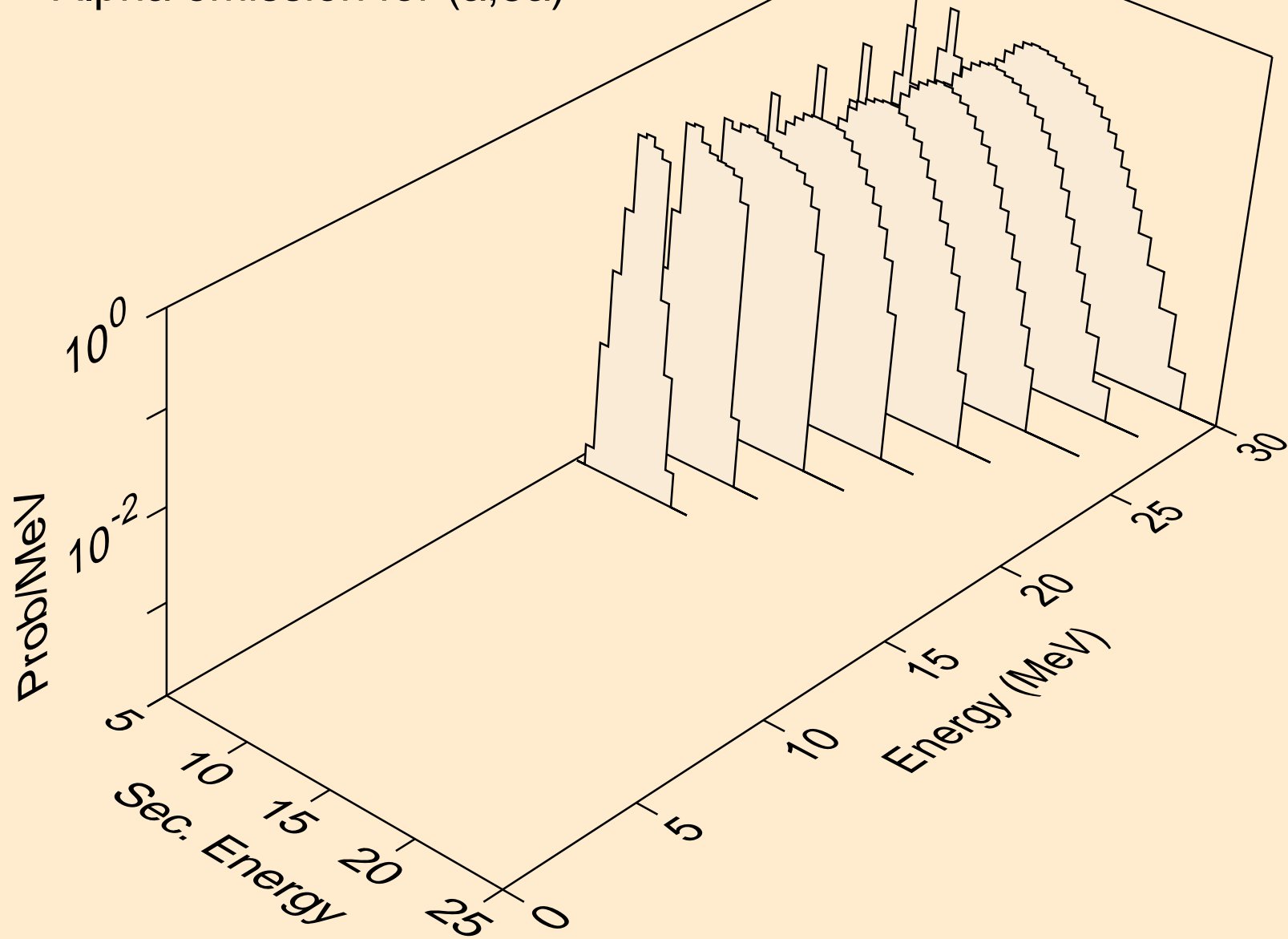
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



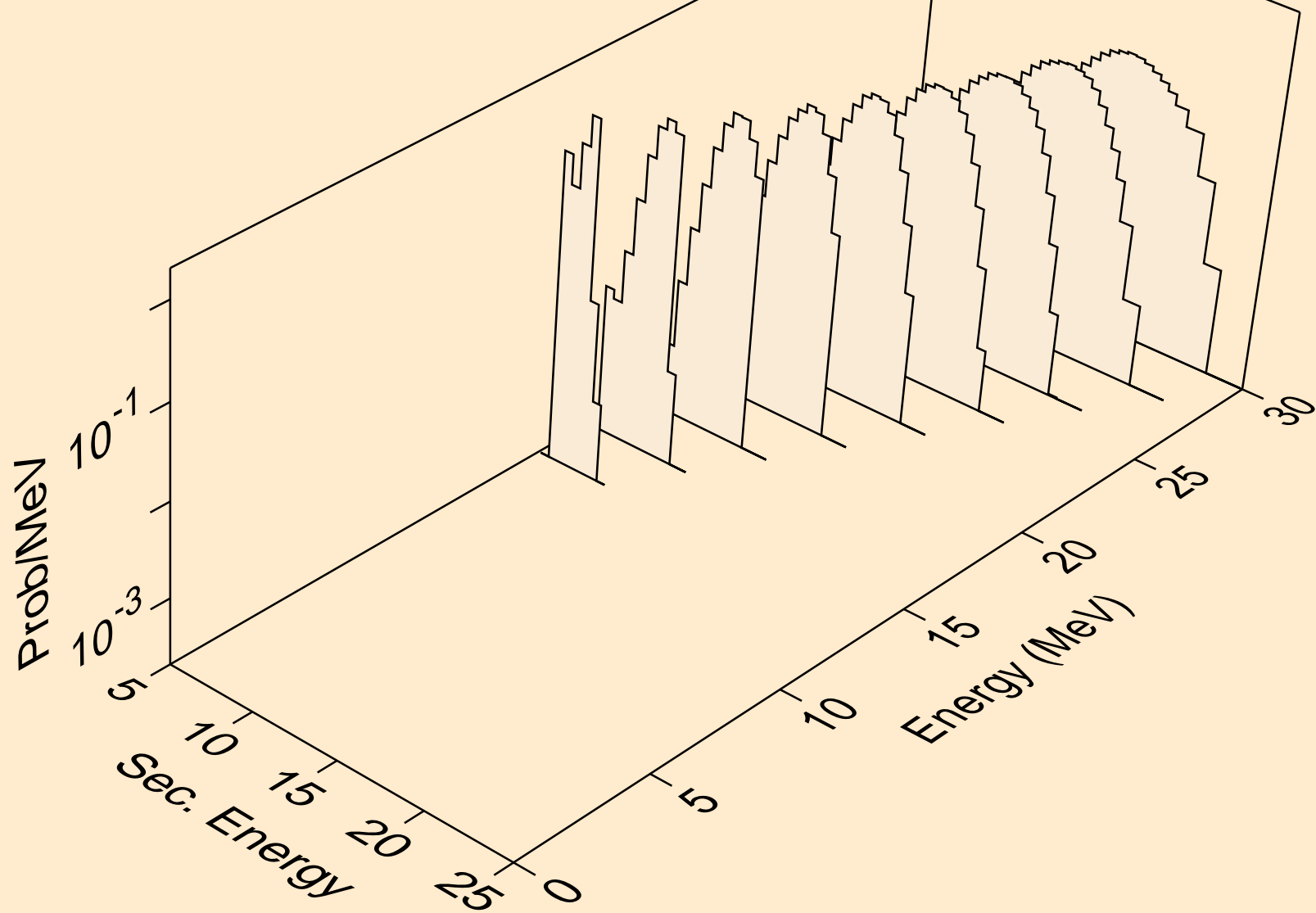
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



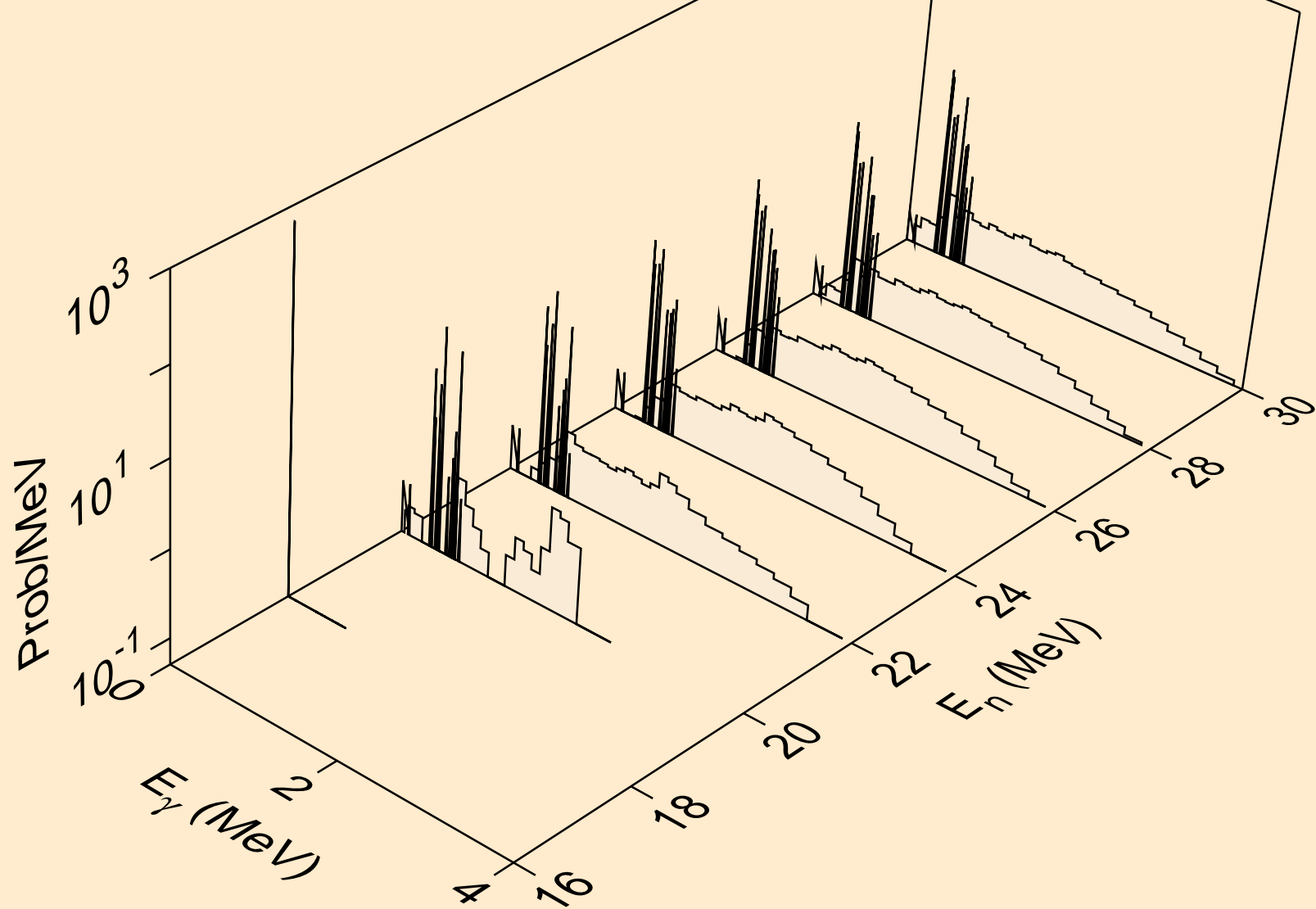
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3a)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



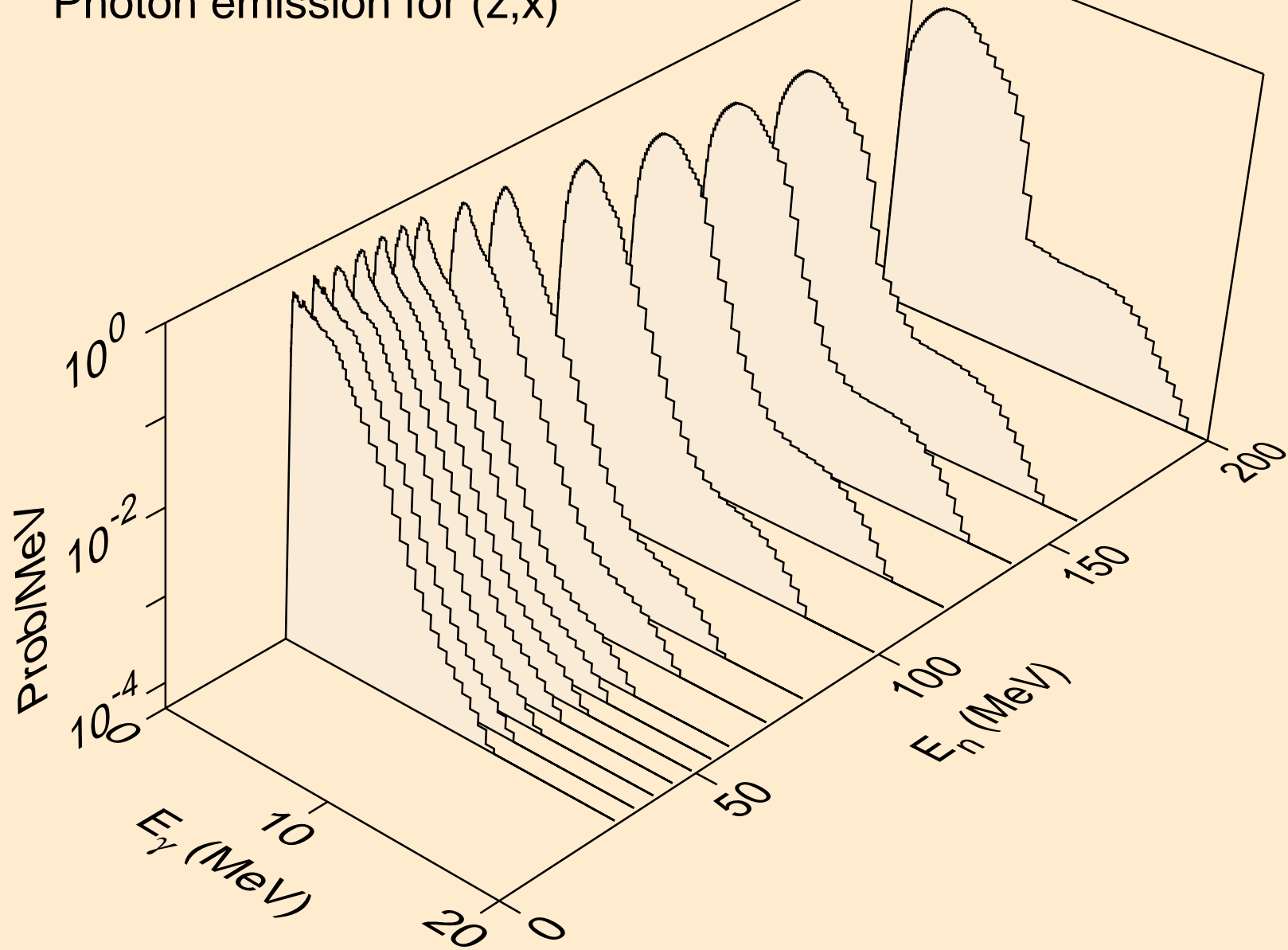
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



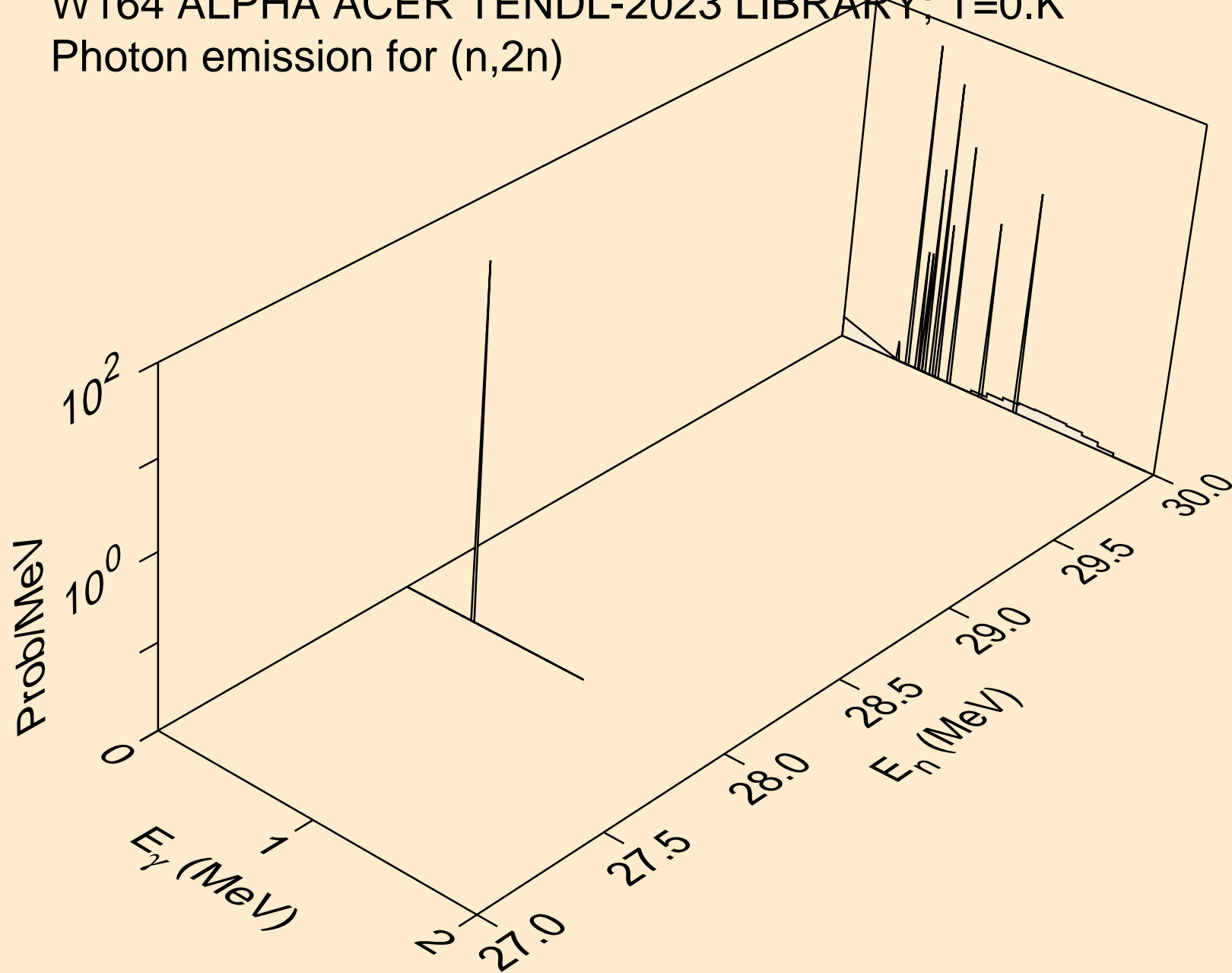


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

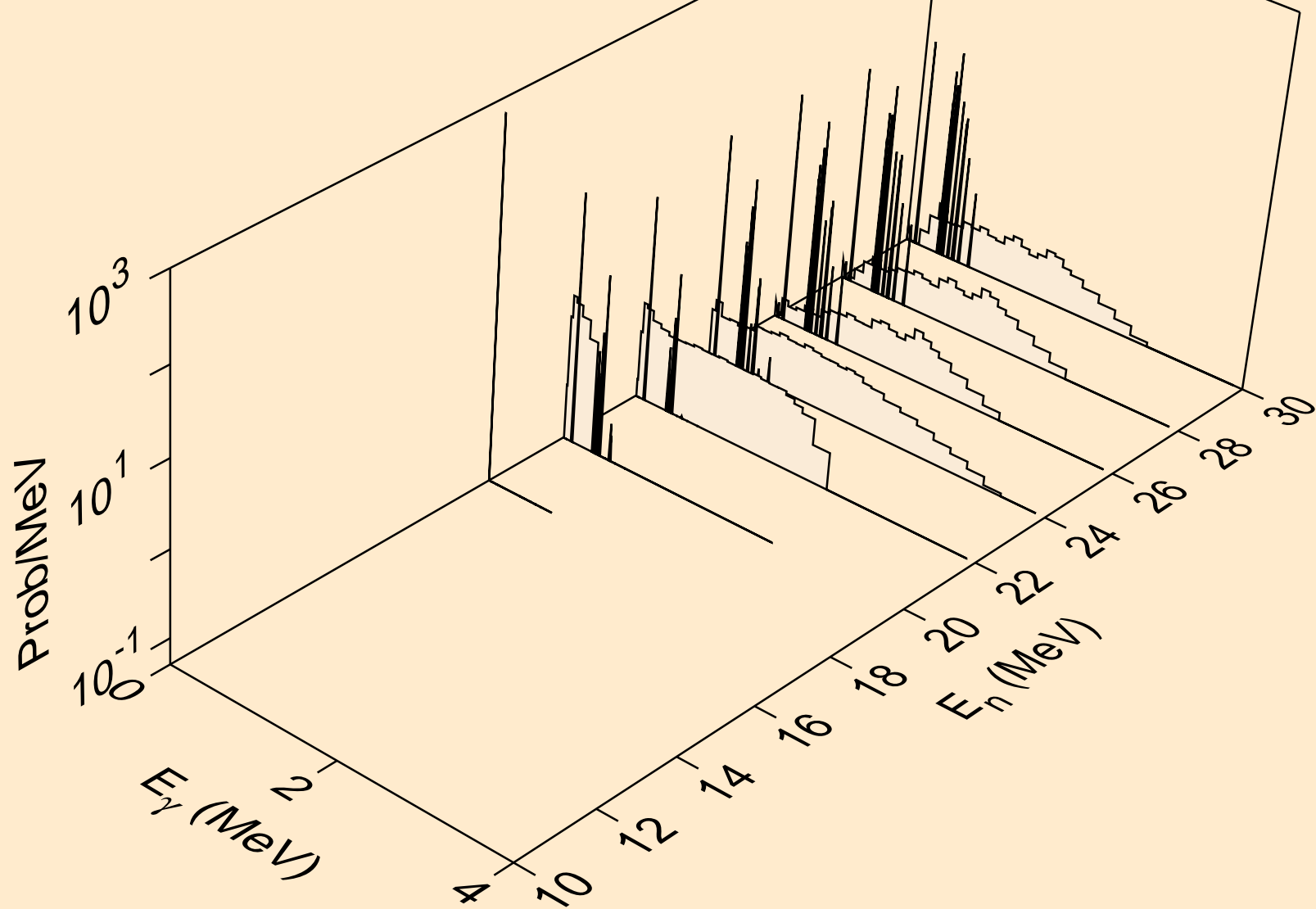
Photon emission for (z,x)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

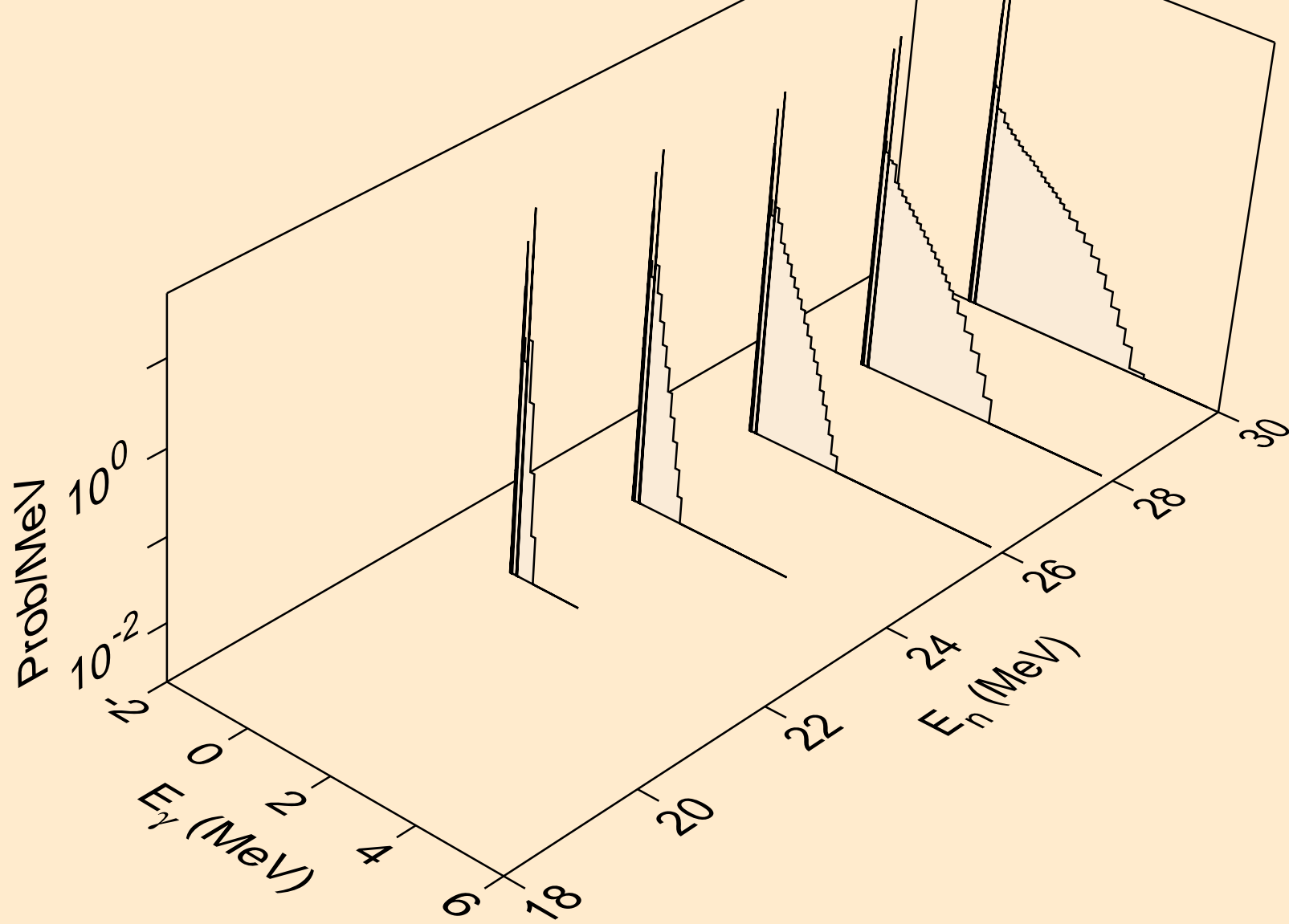


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

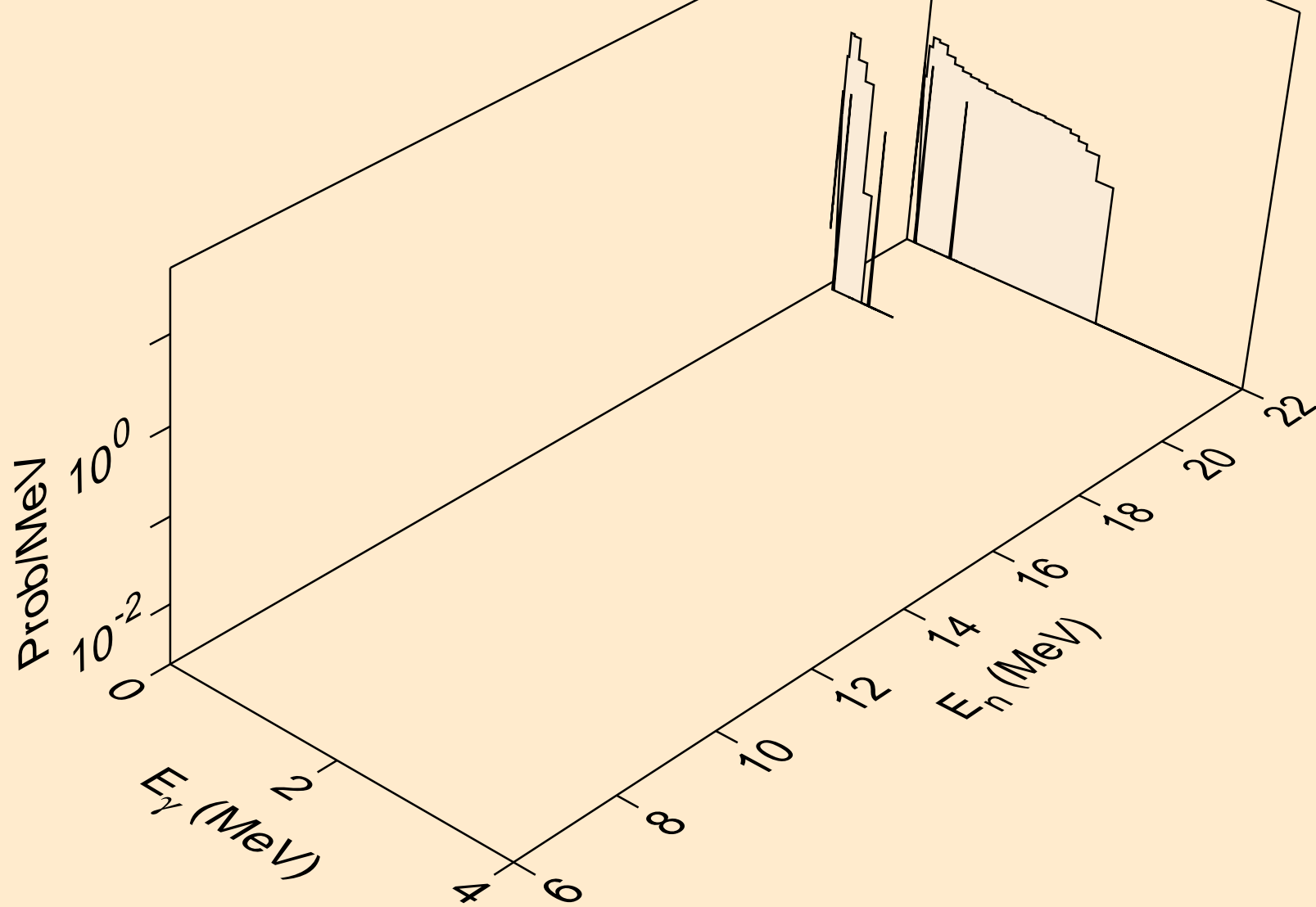


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

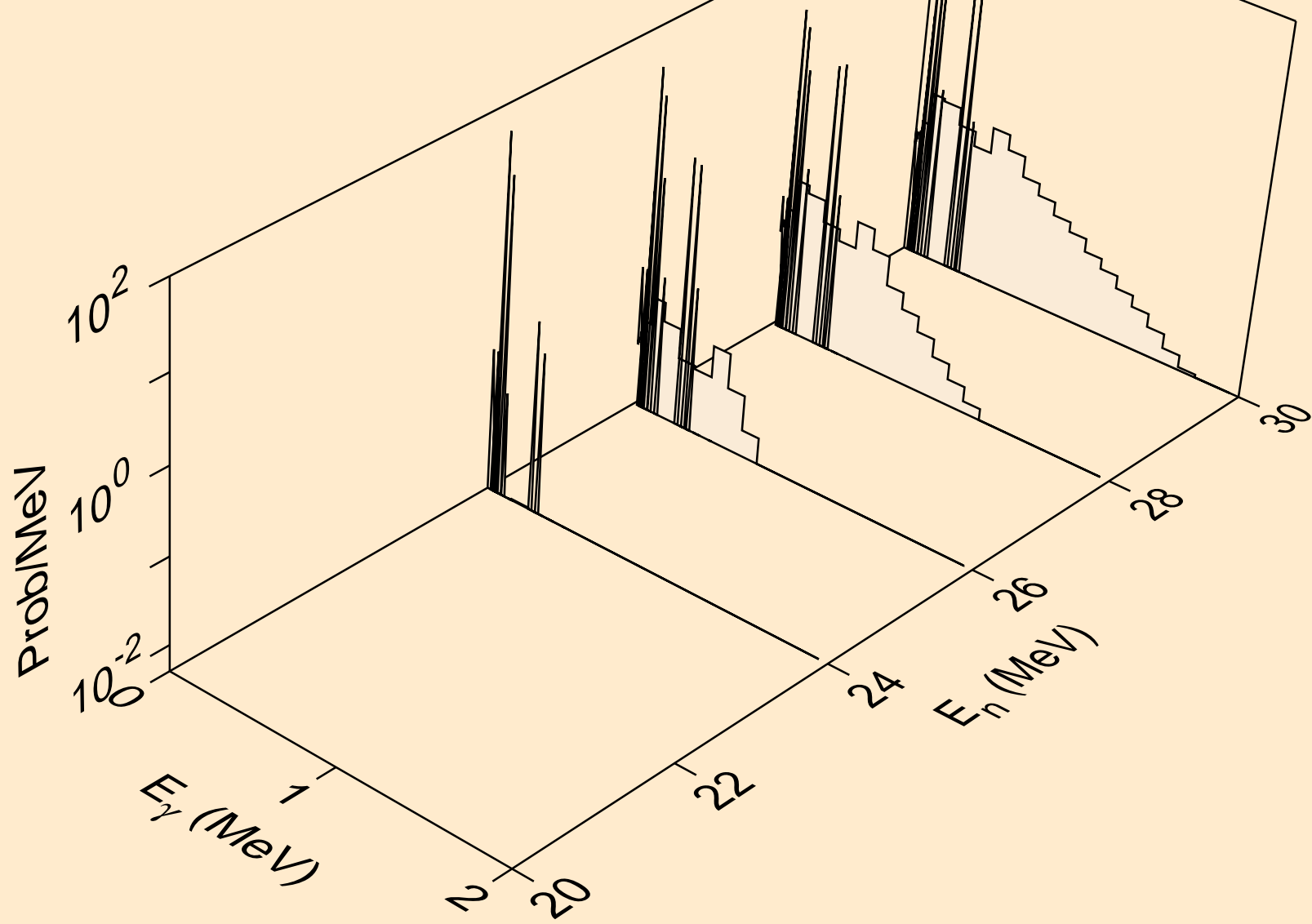
Photon emission for (n,n\*)p



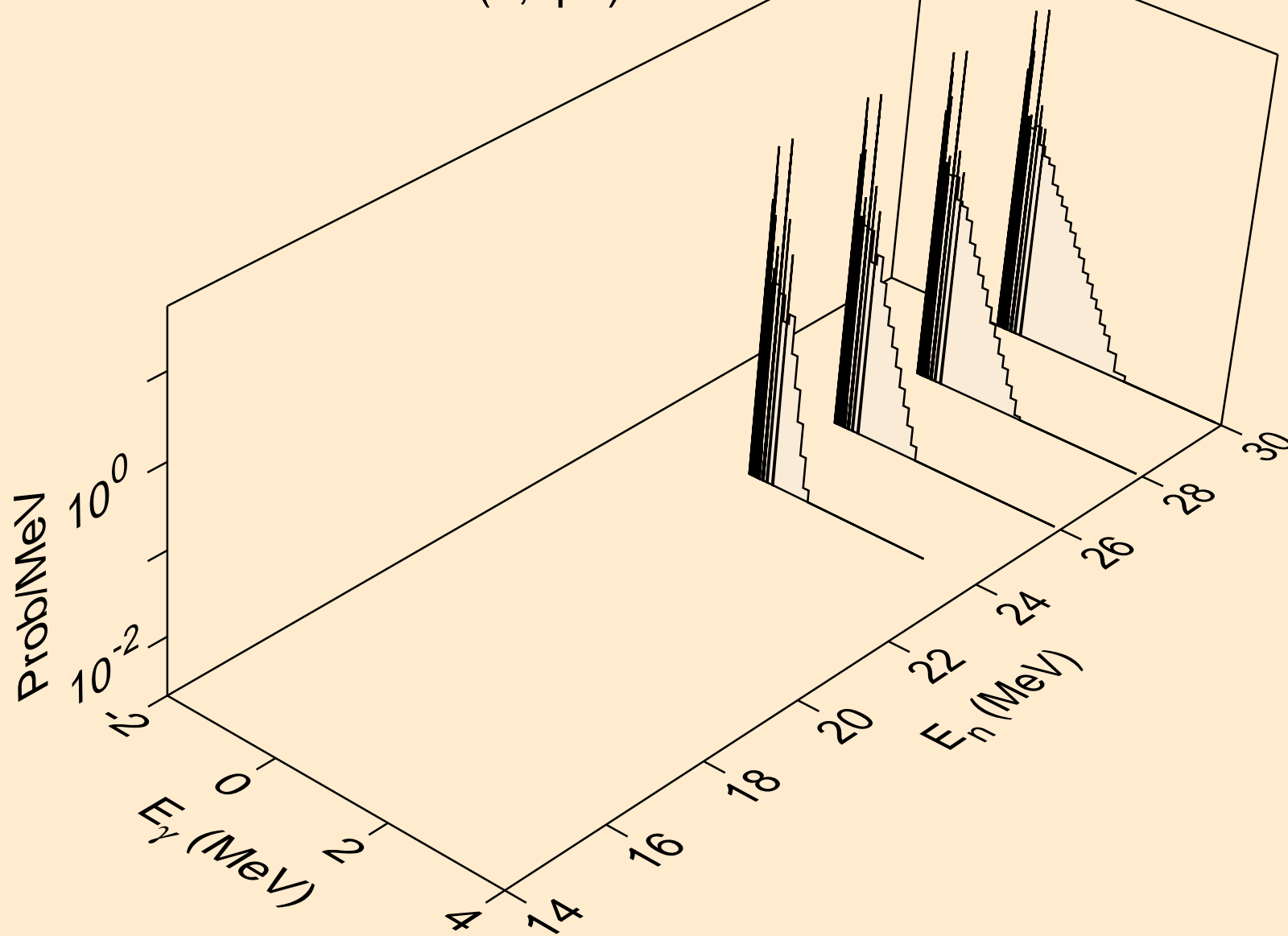
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



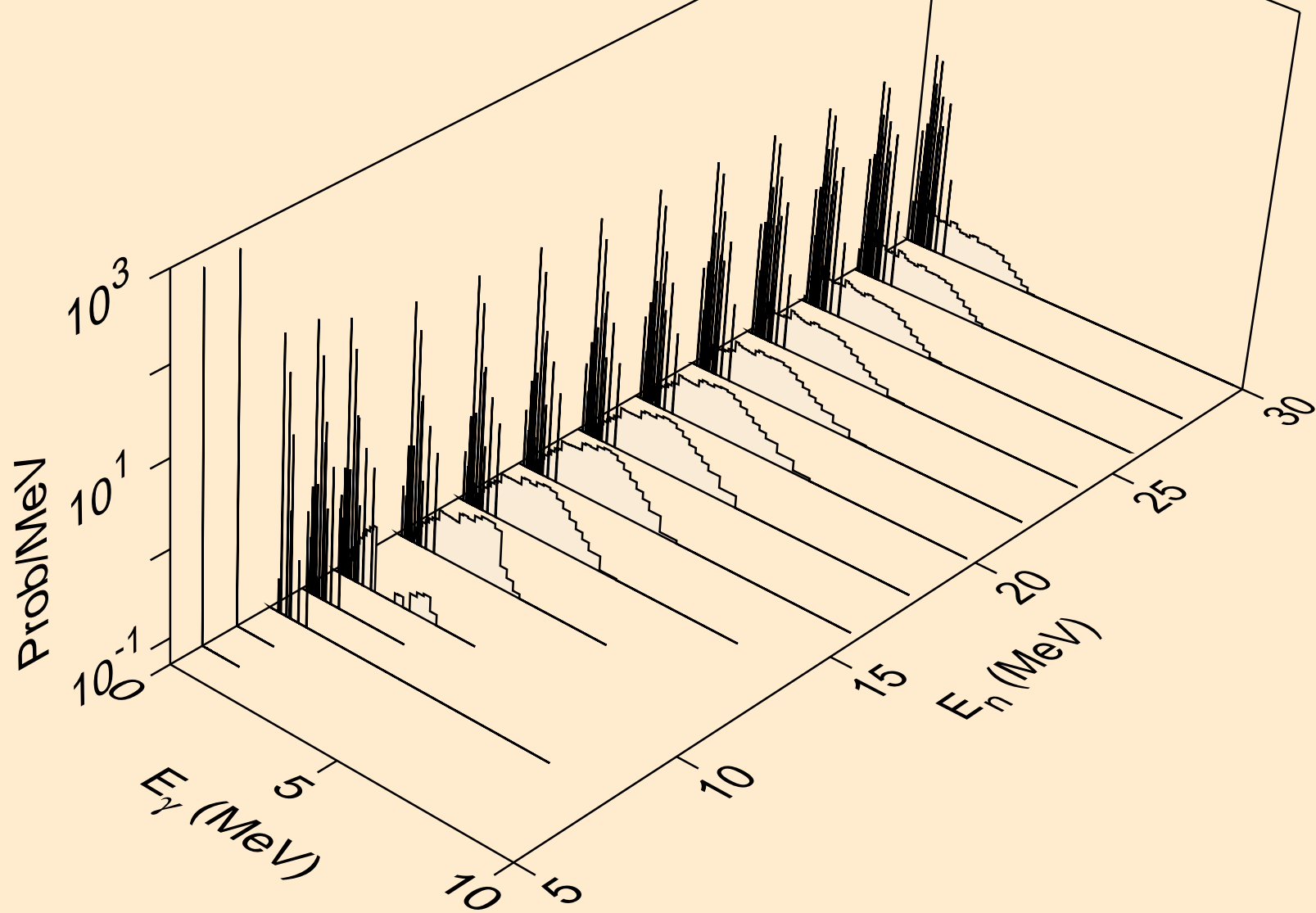
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

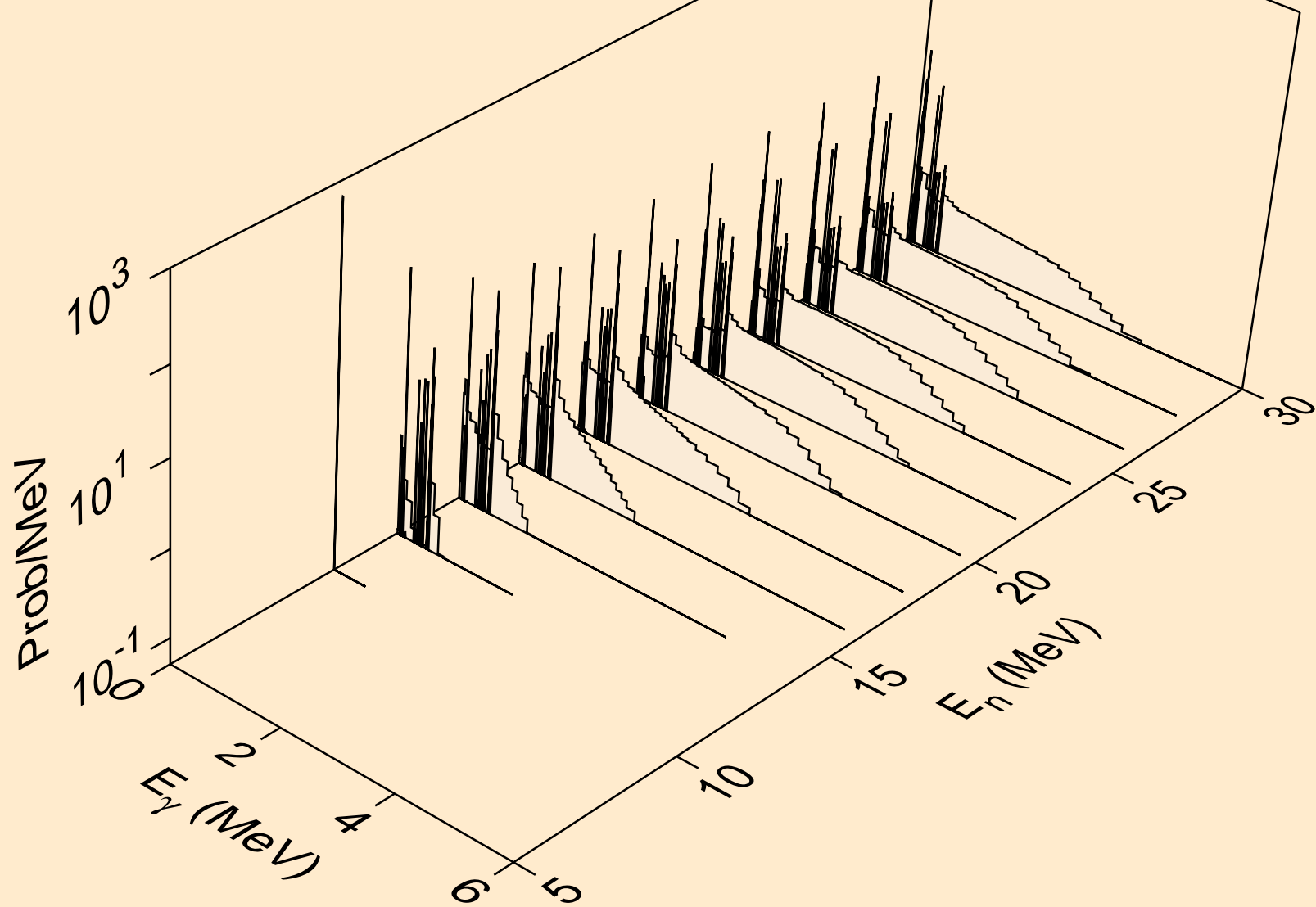


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

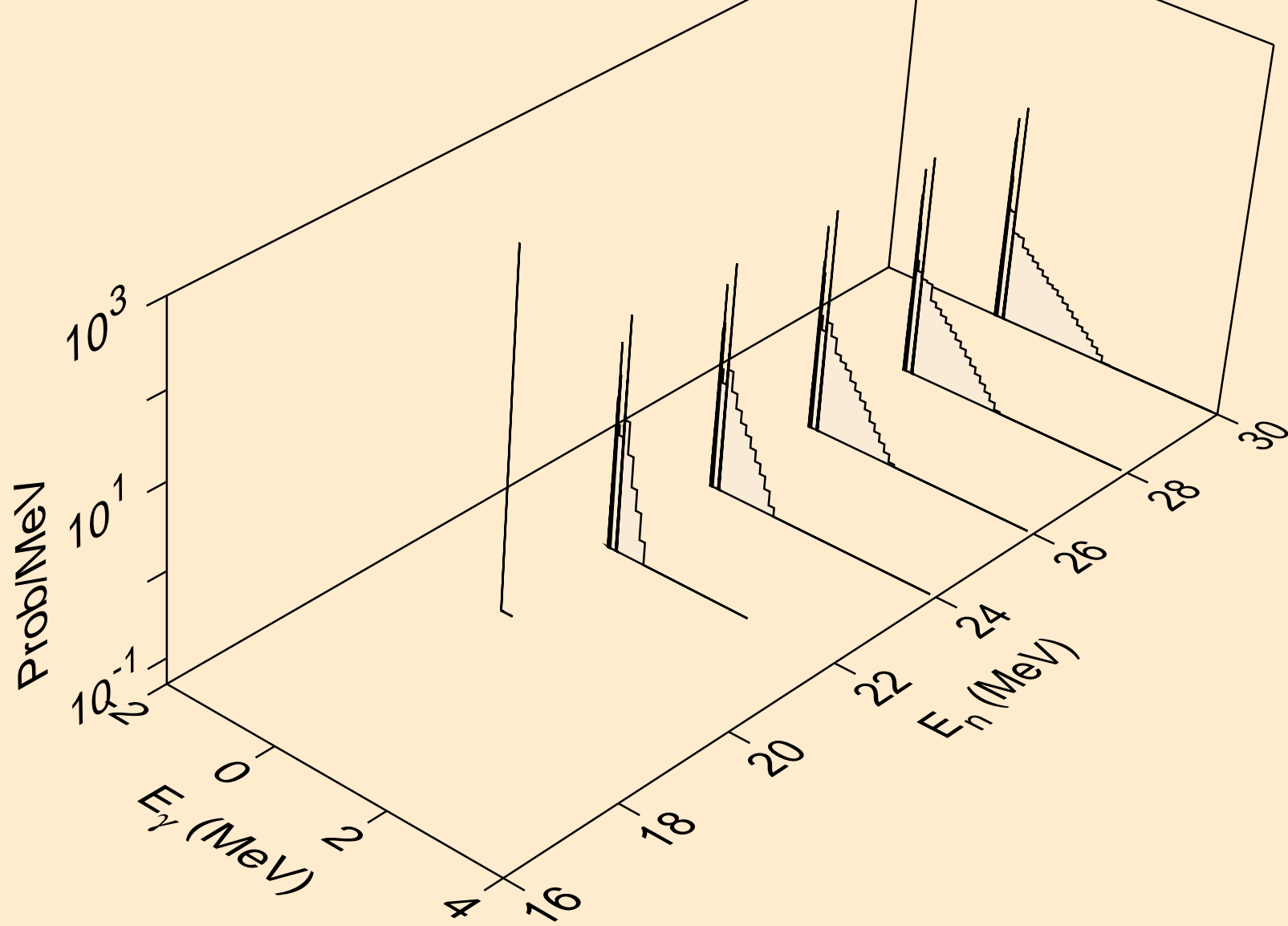




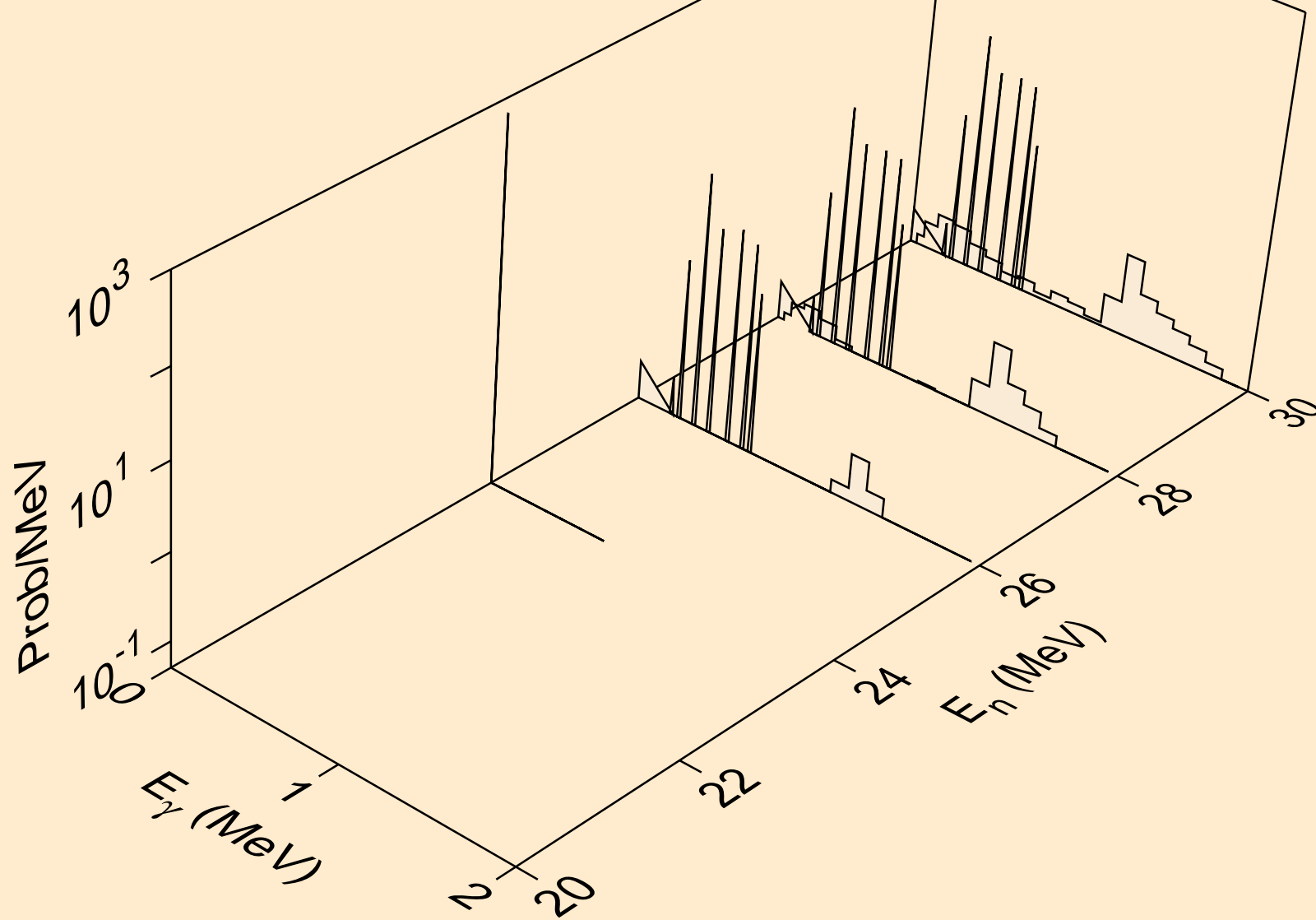
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



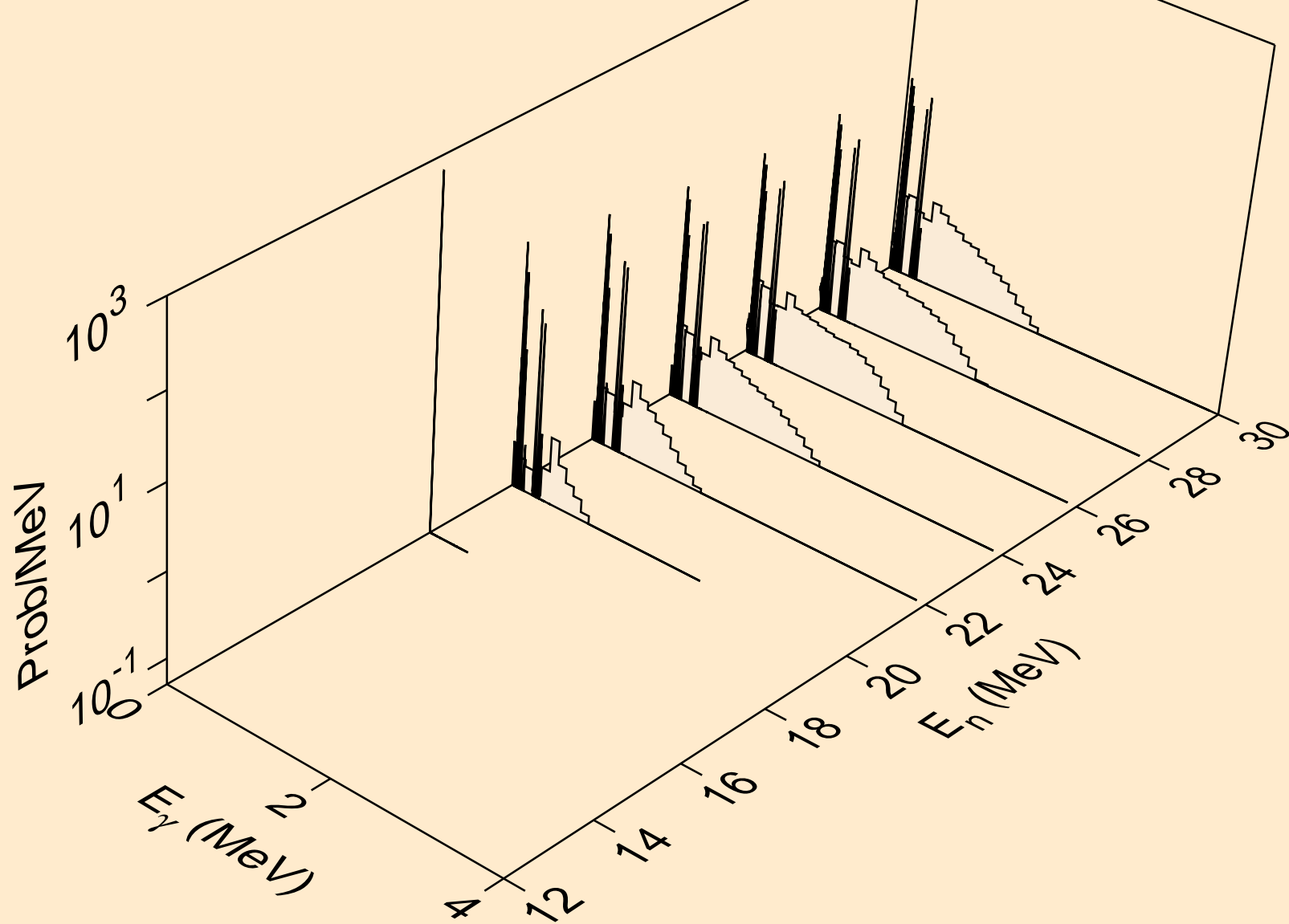
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



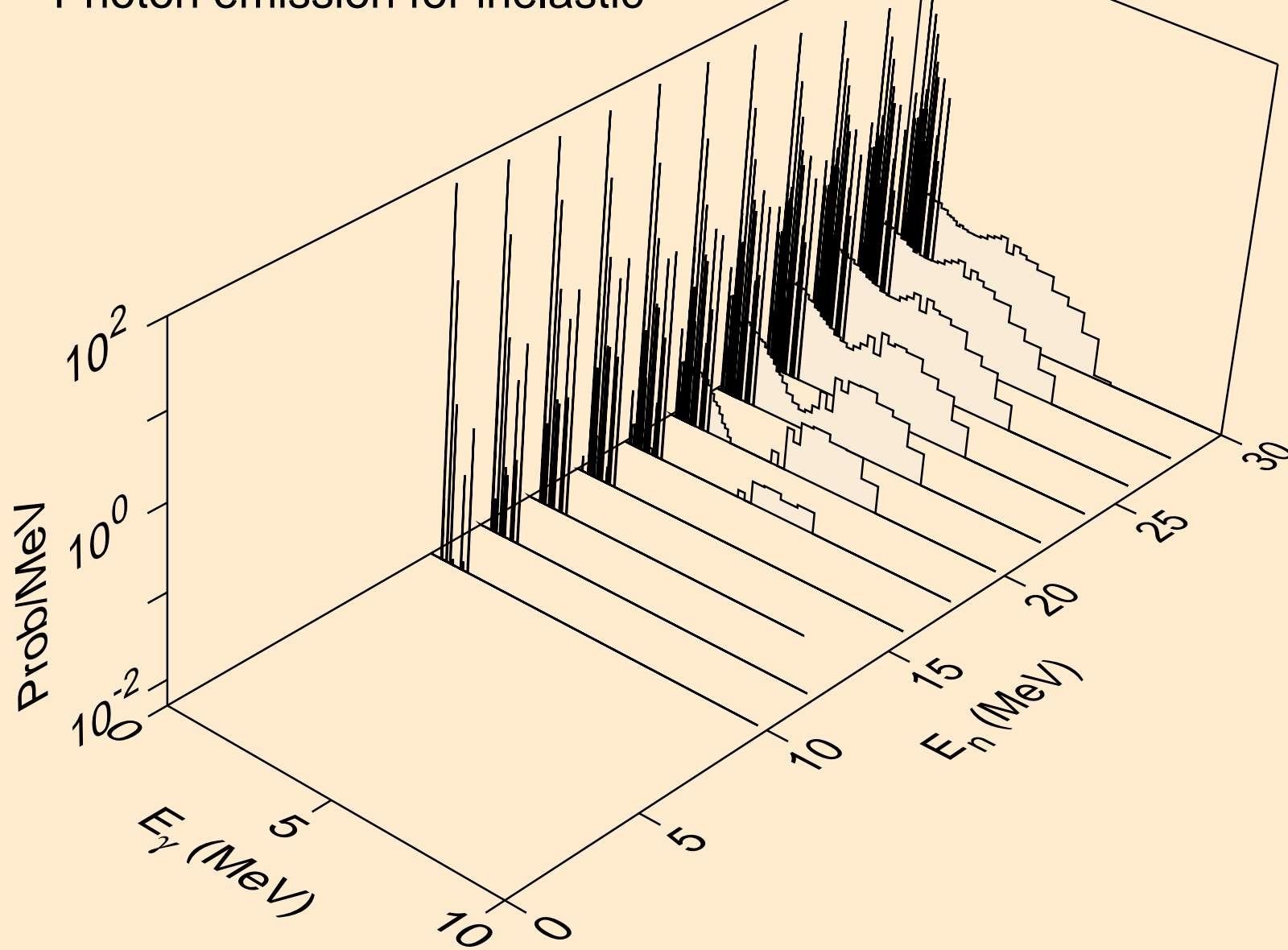
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



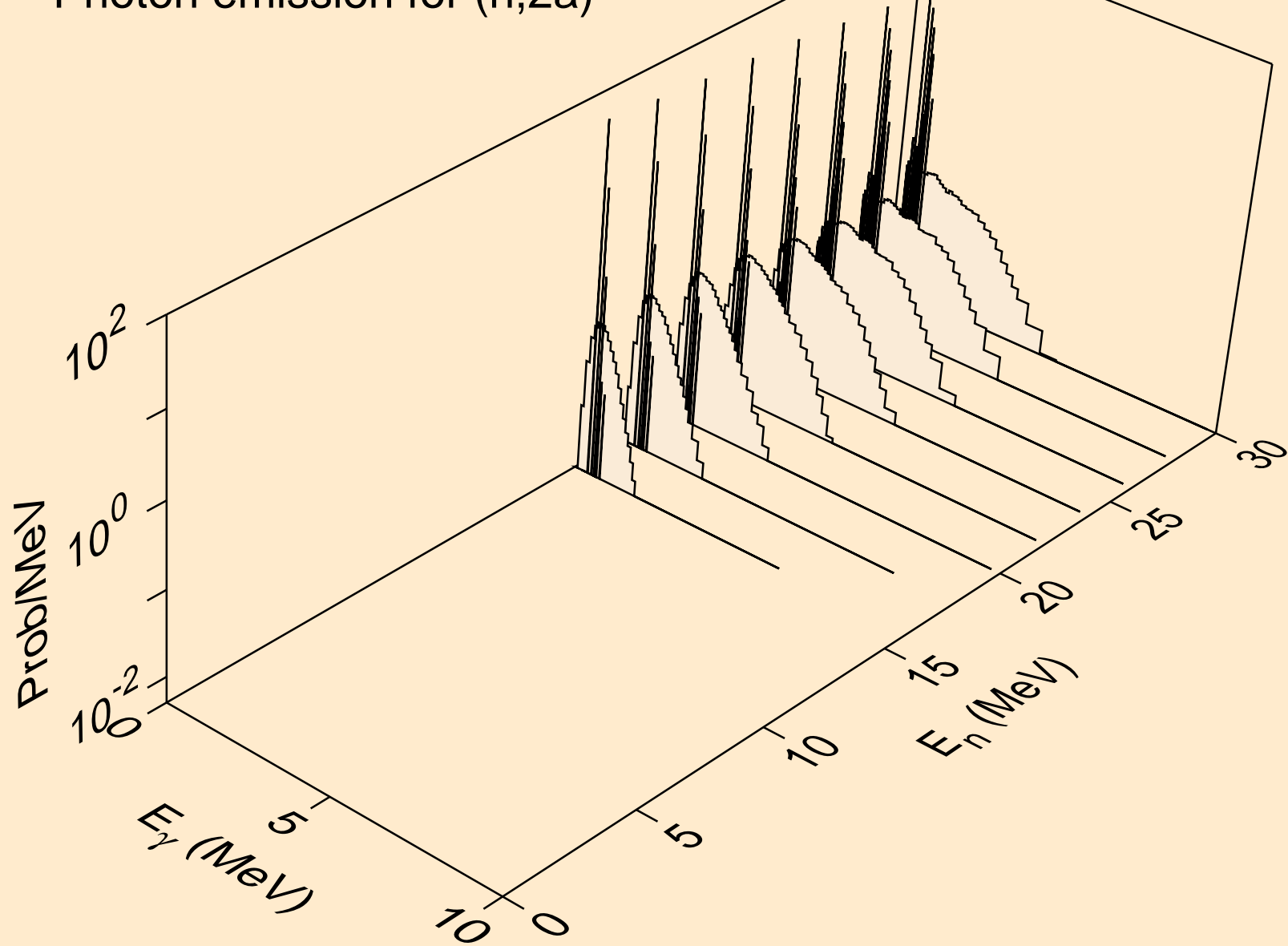
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



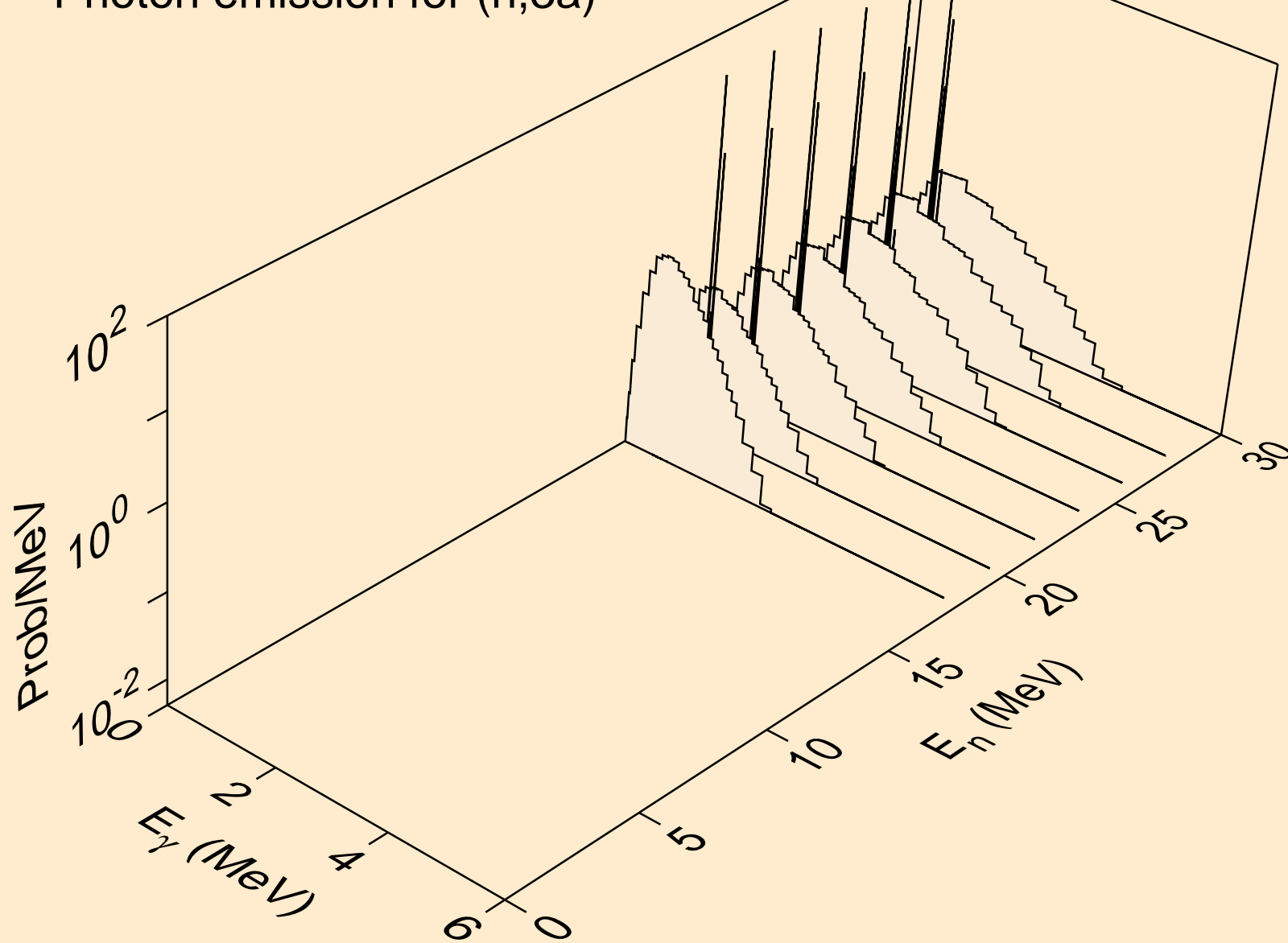
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



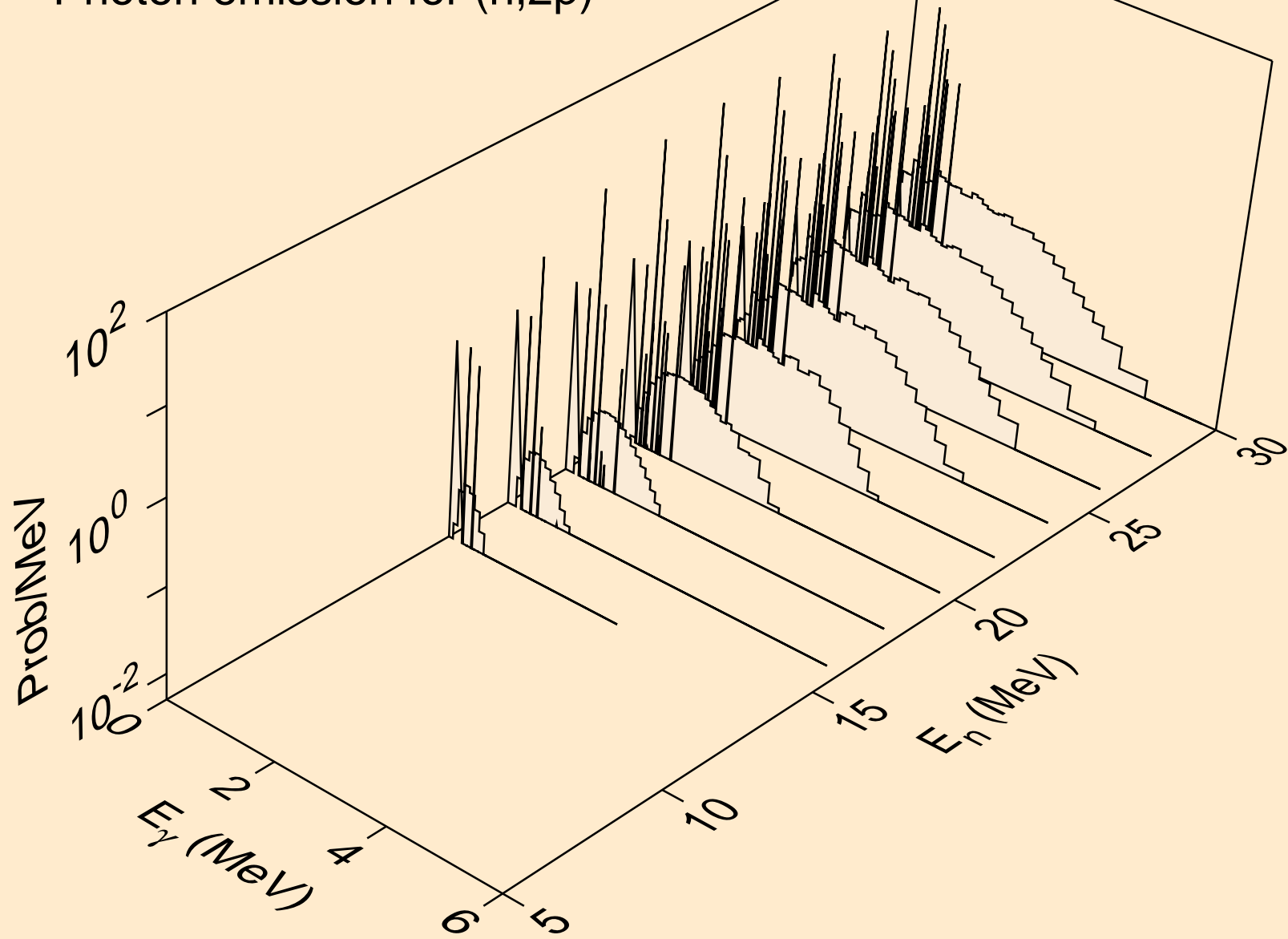
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

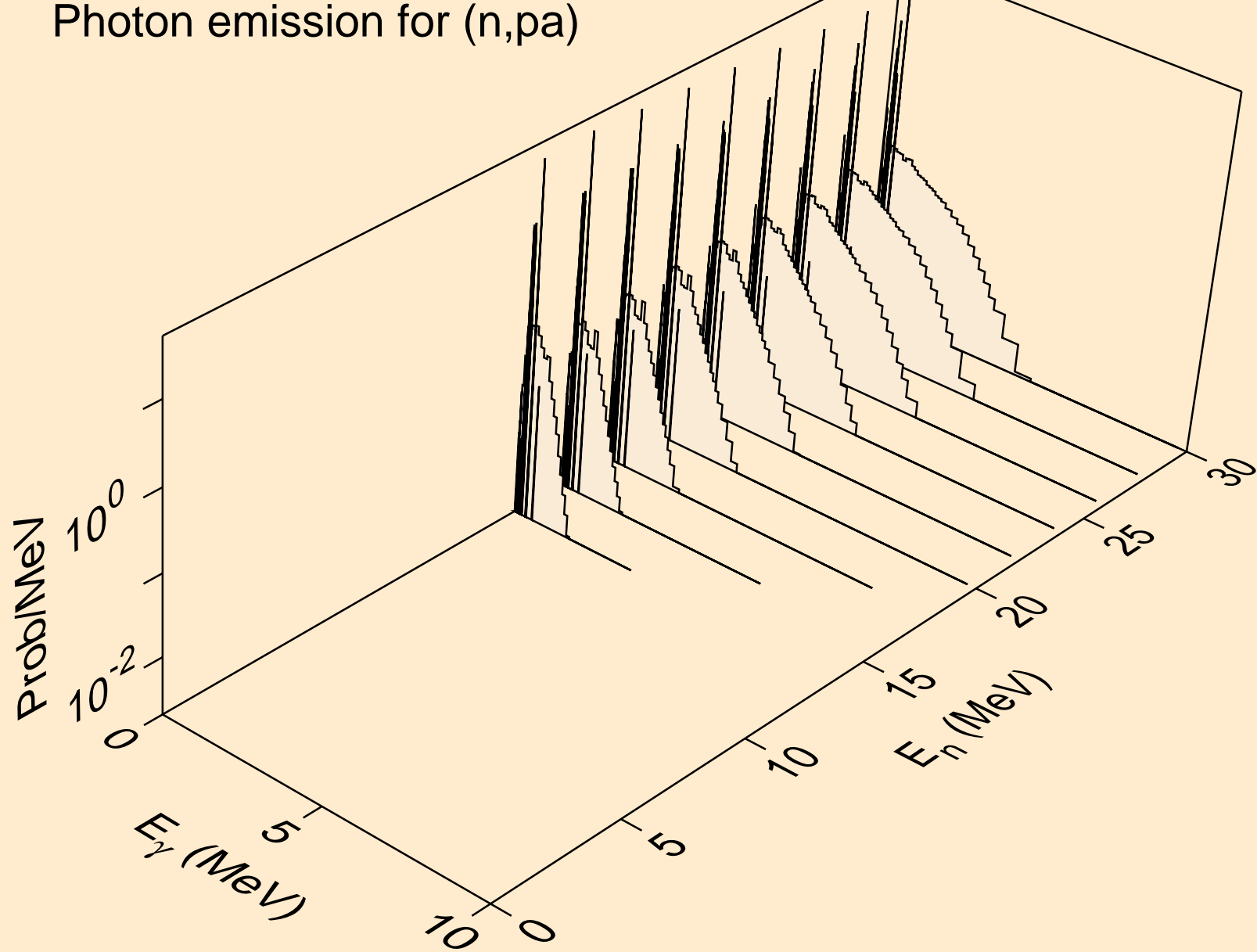


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

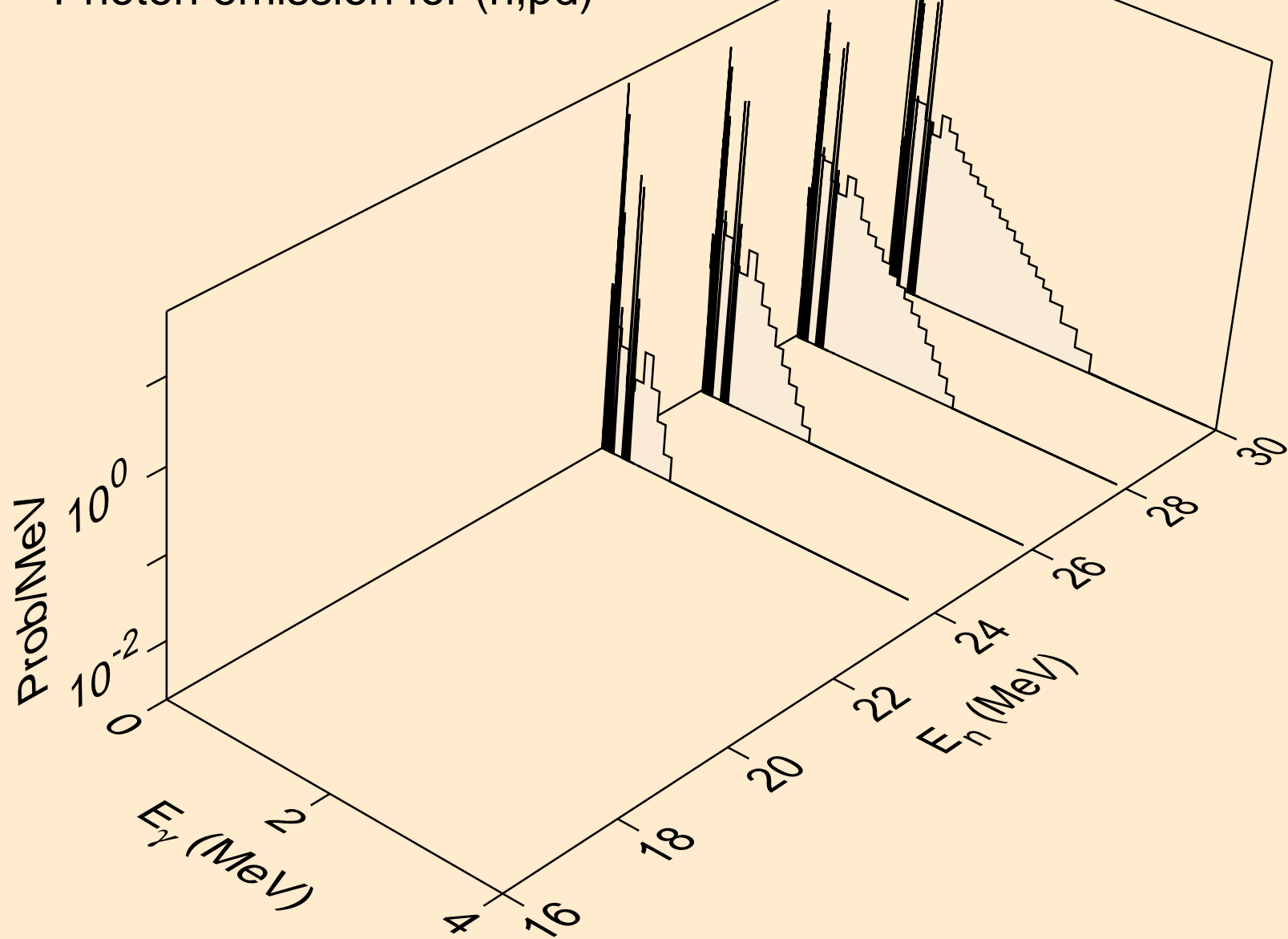




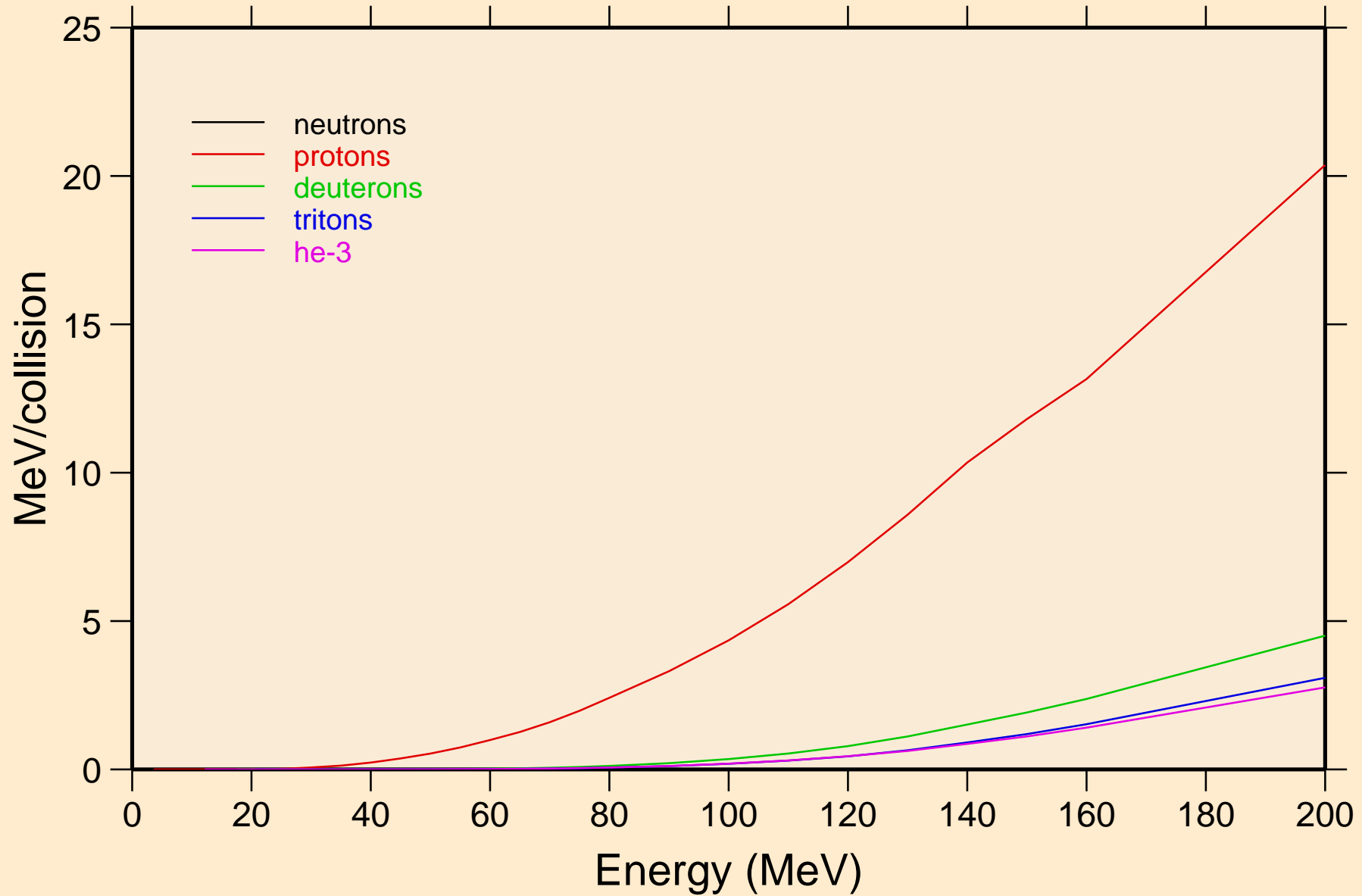
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



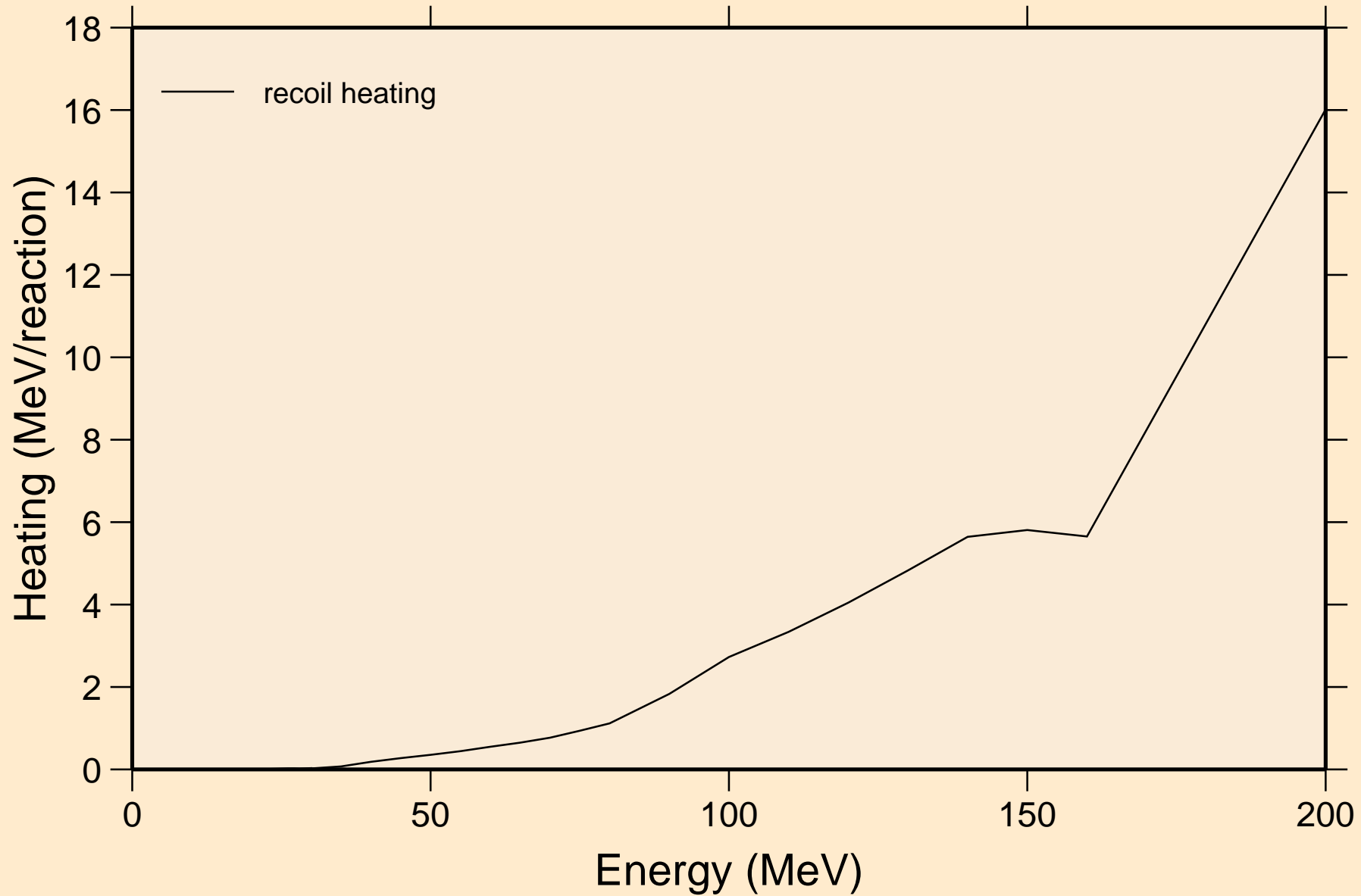
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



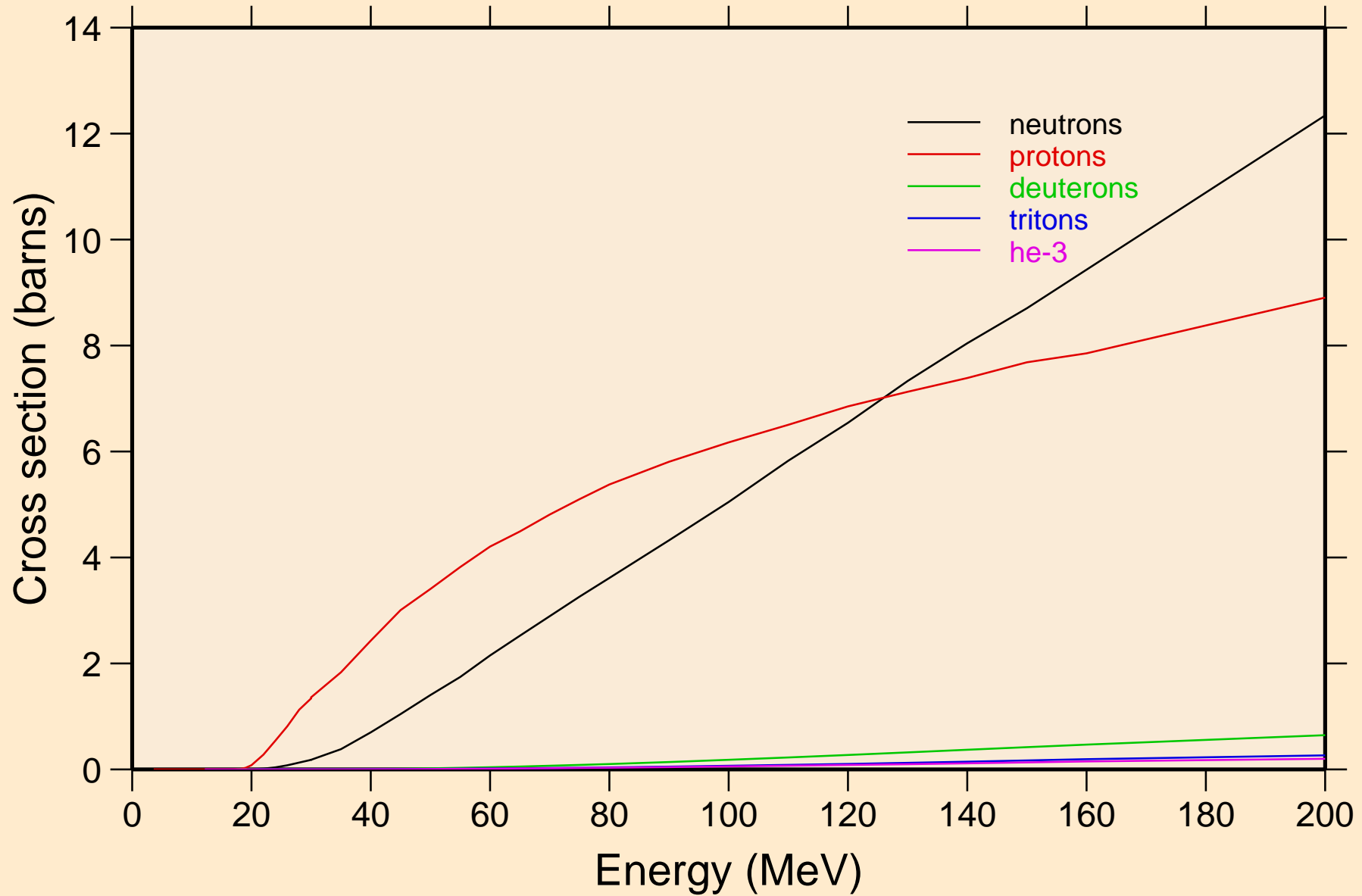
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



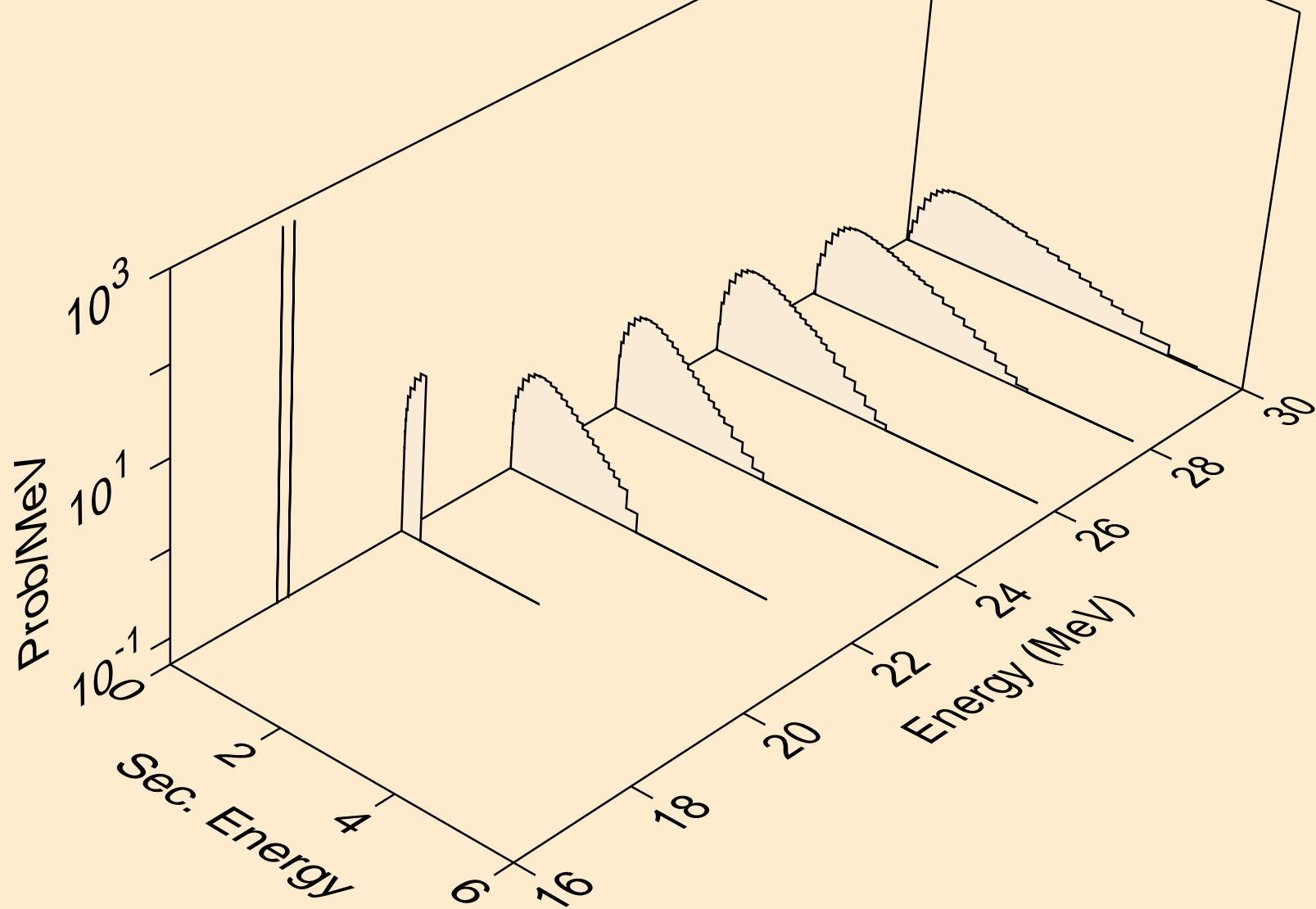
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



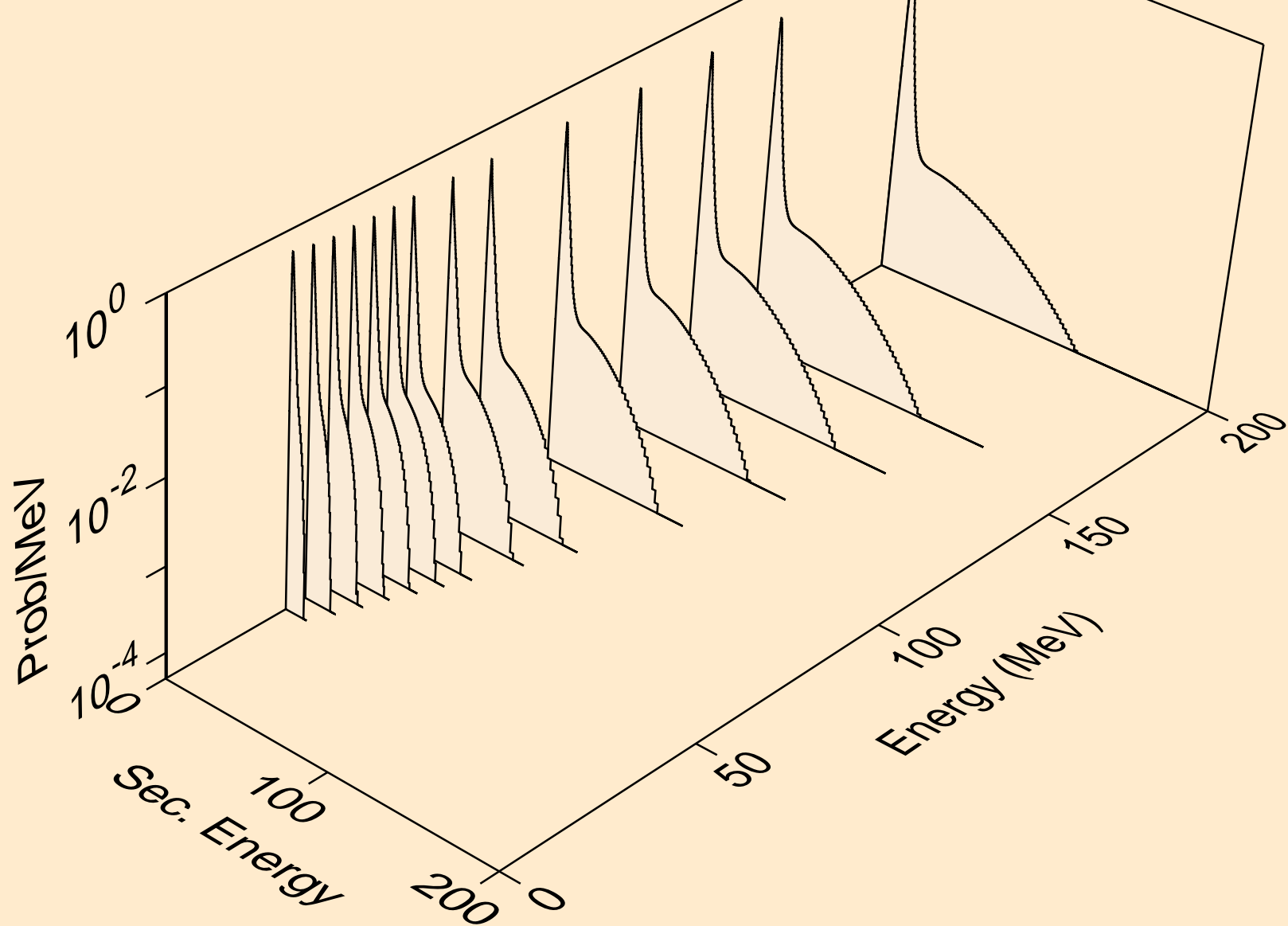
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



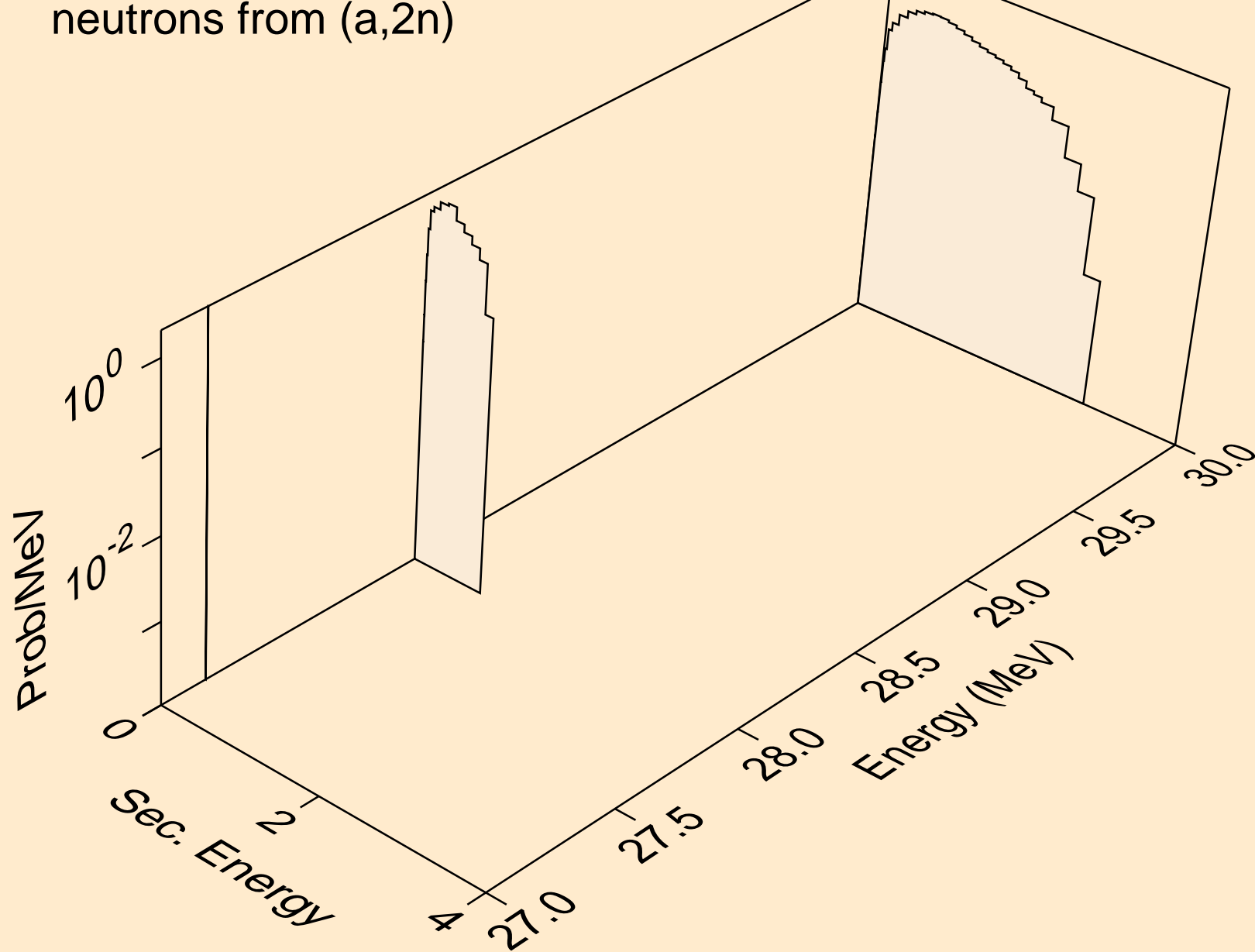
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

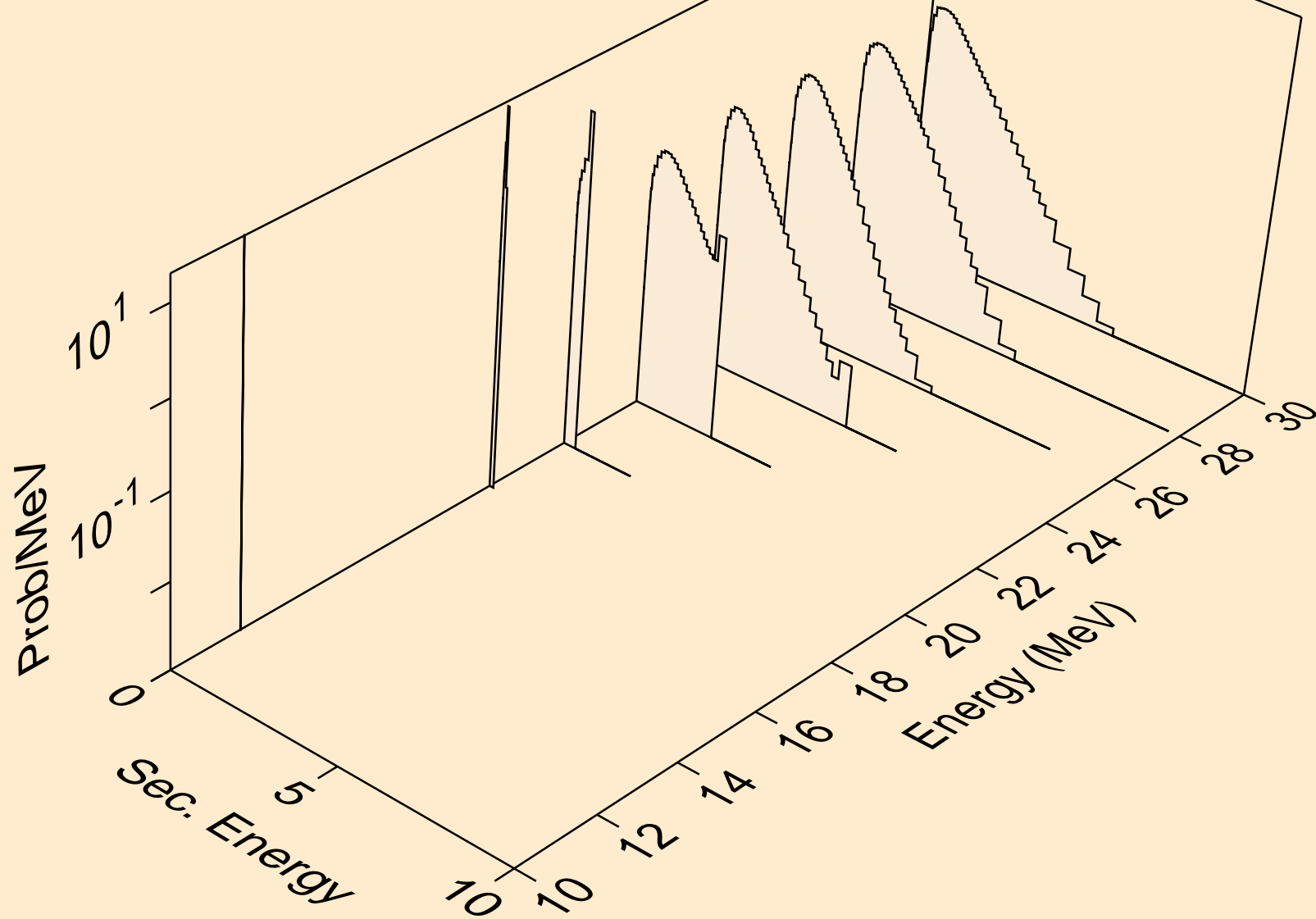


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

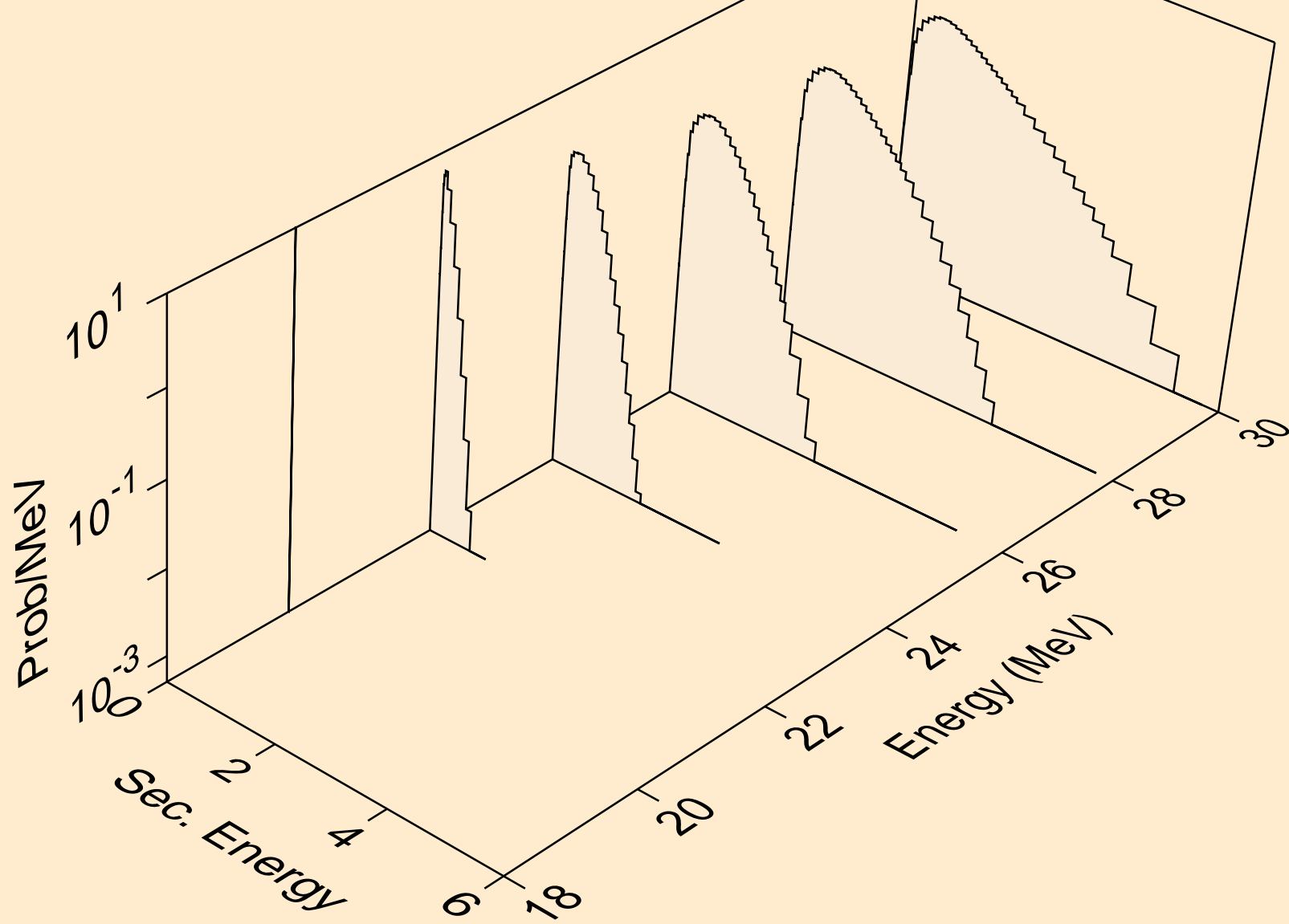




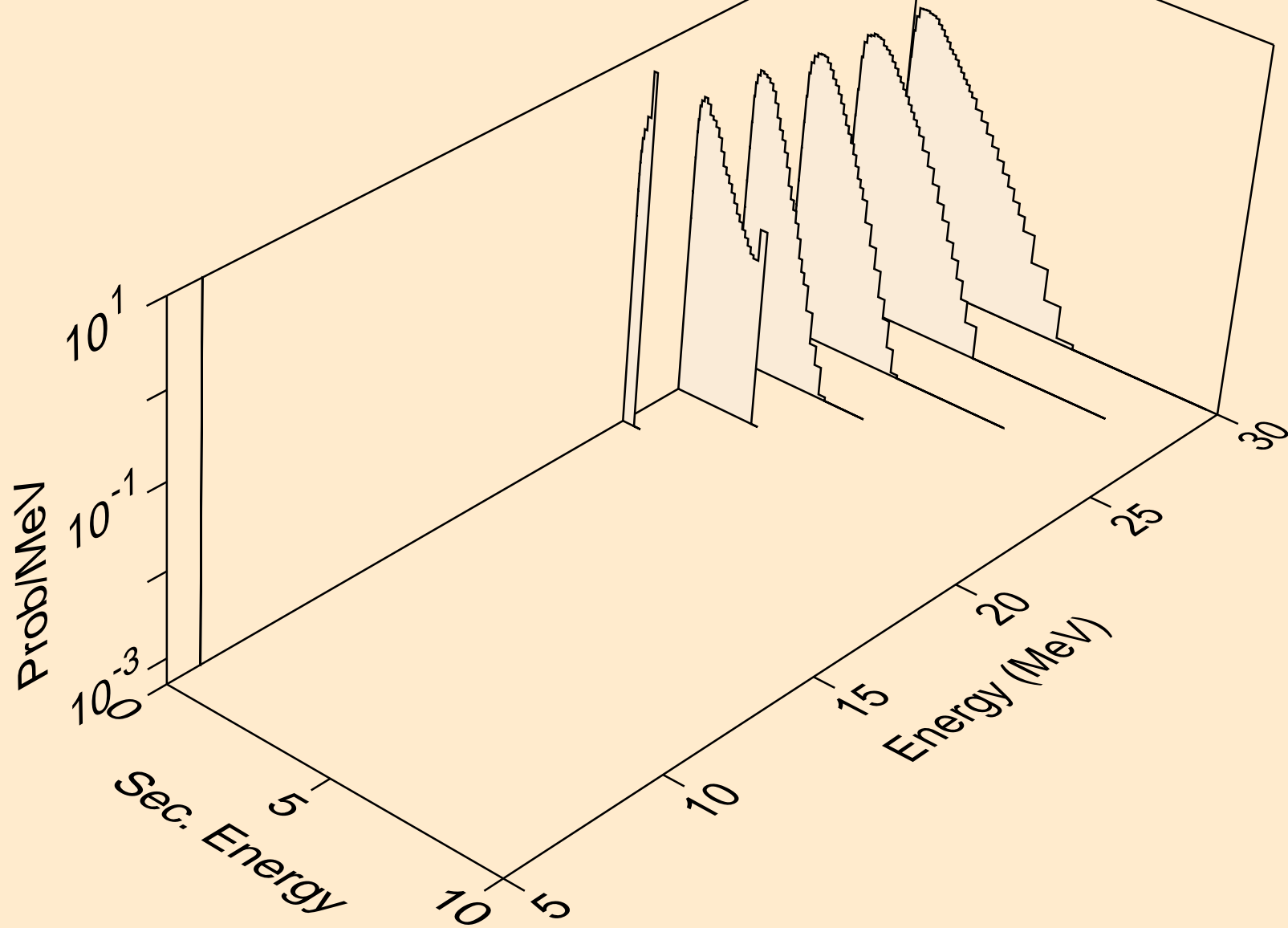
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



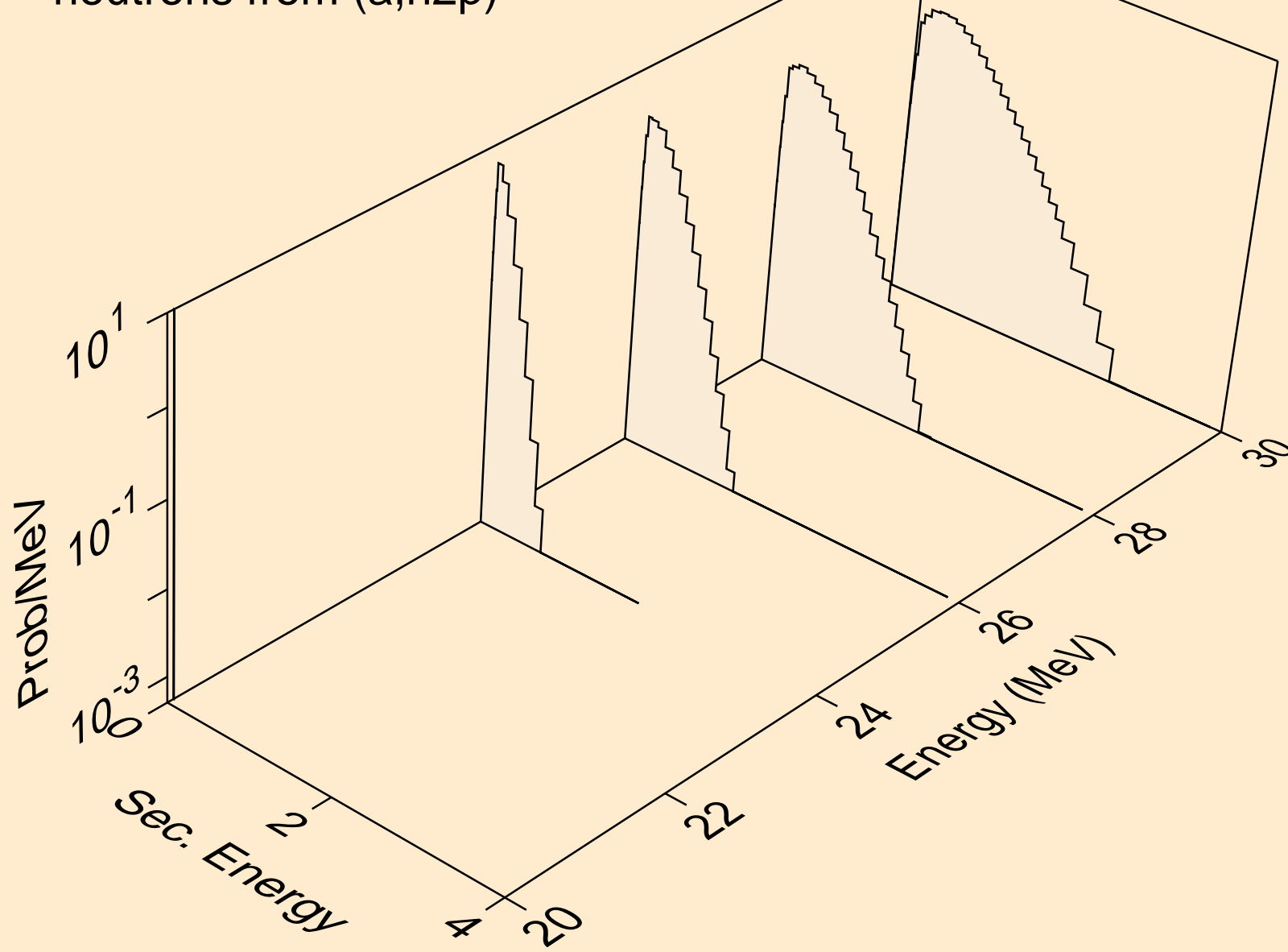
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



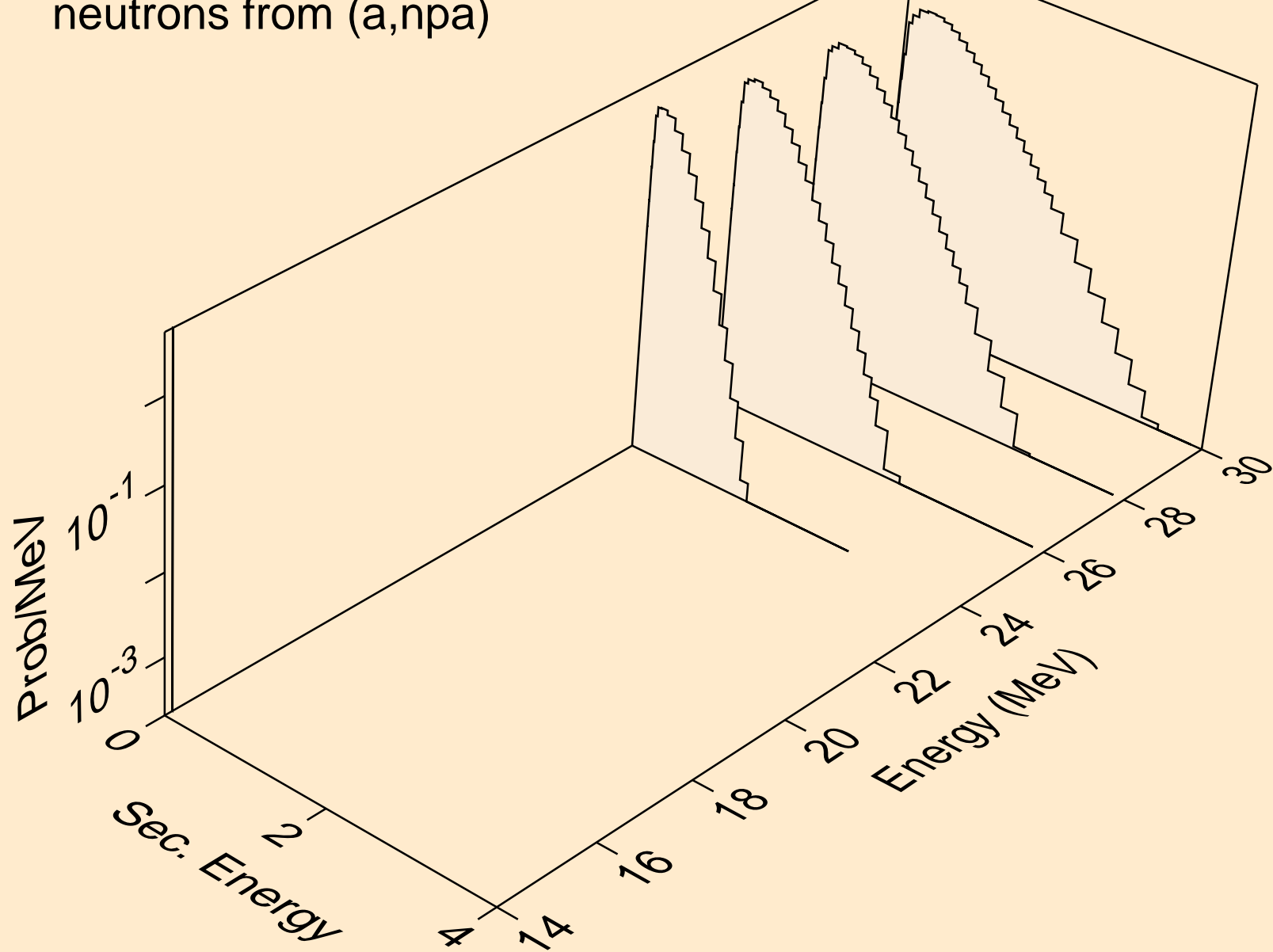
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neutrons from (a,n\*)2a



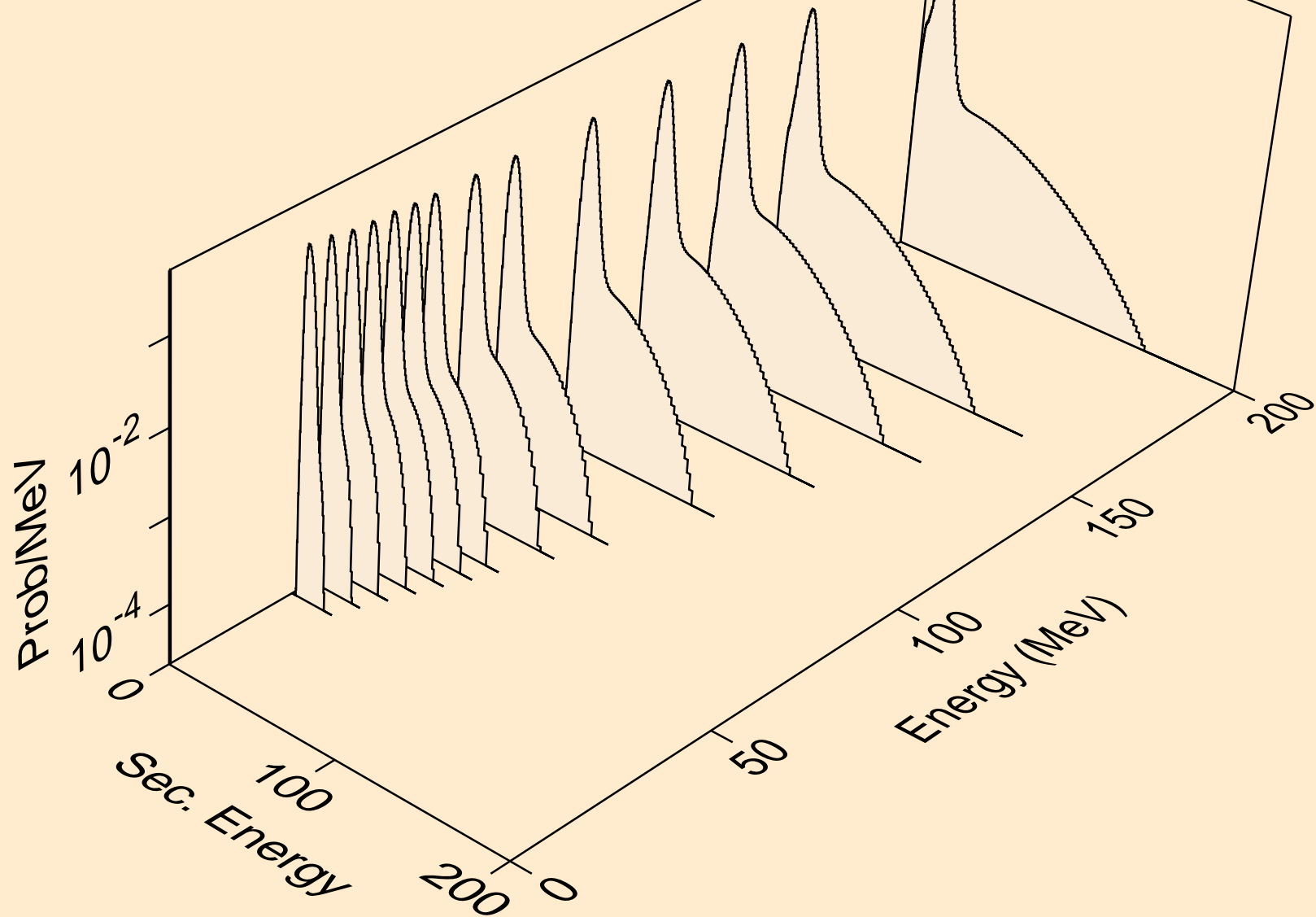
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neutrons from (a,n2p)



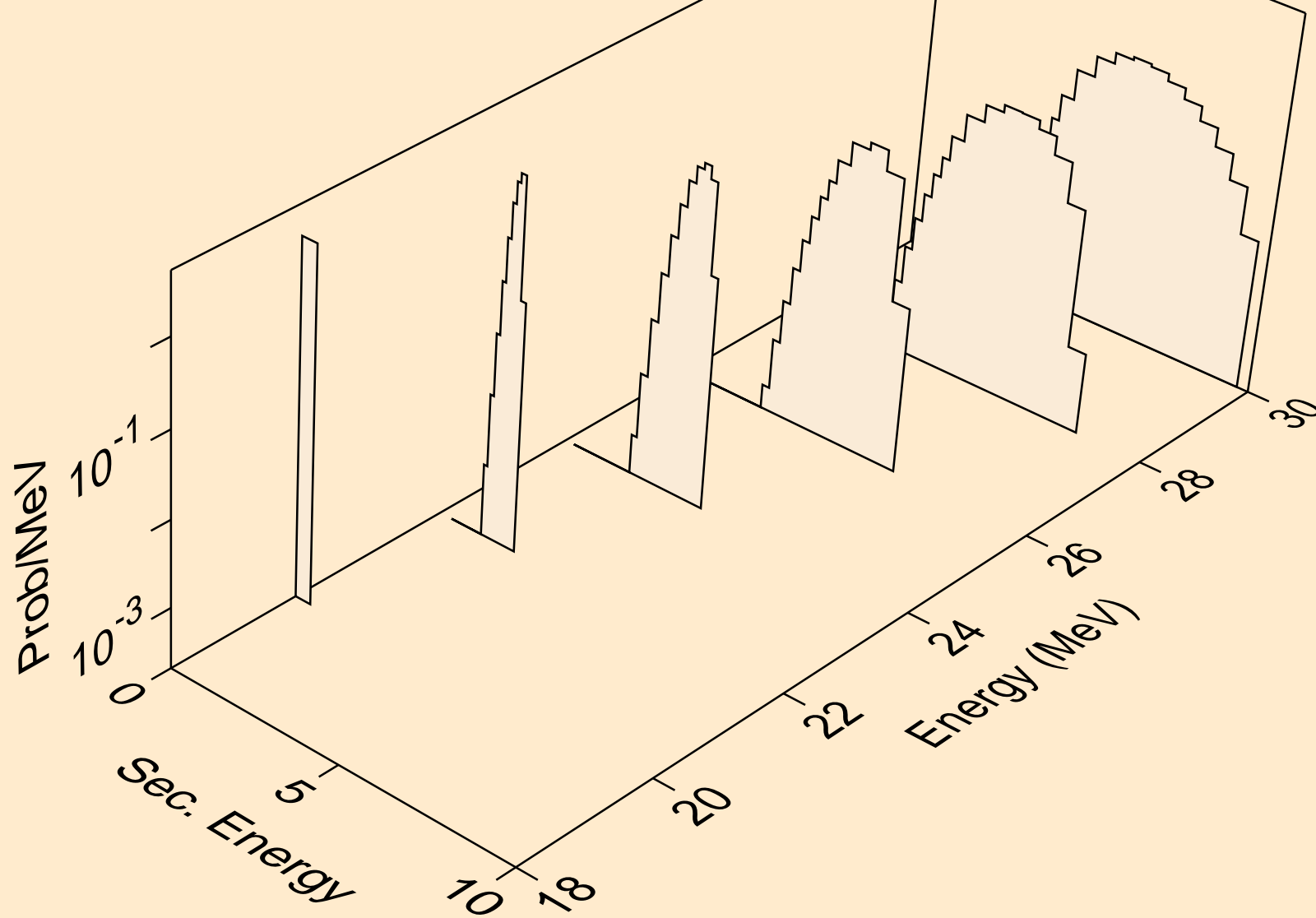
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neutrons from (a,npa)



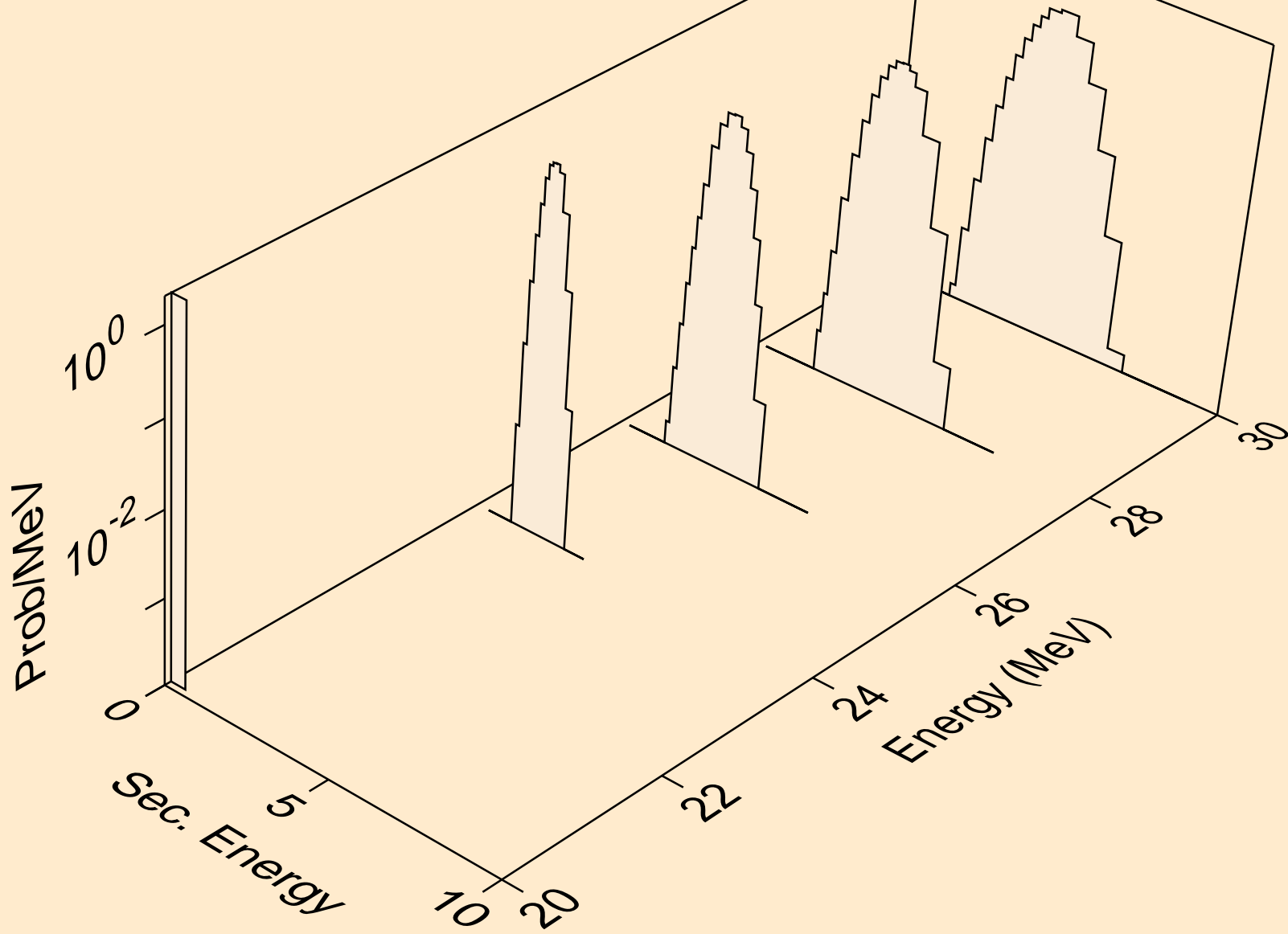
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

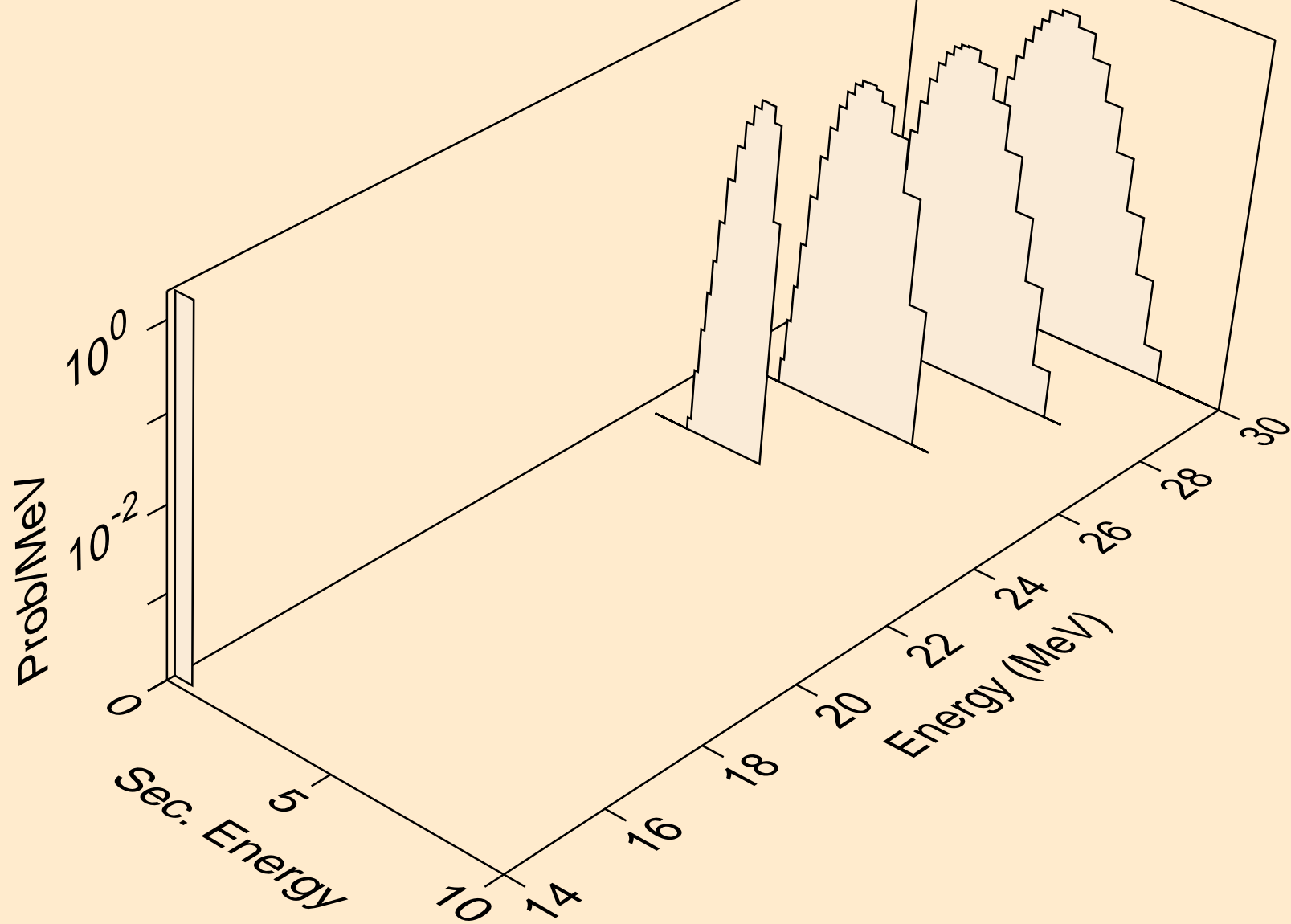


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protons from (a,n2p)

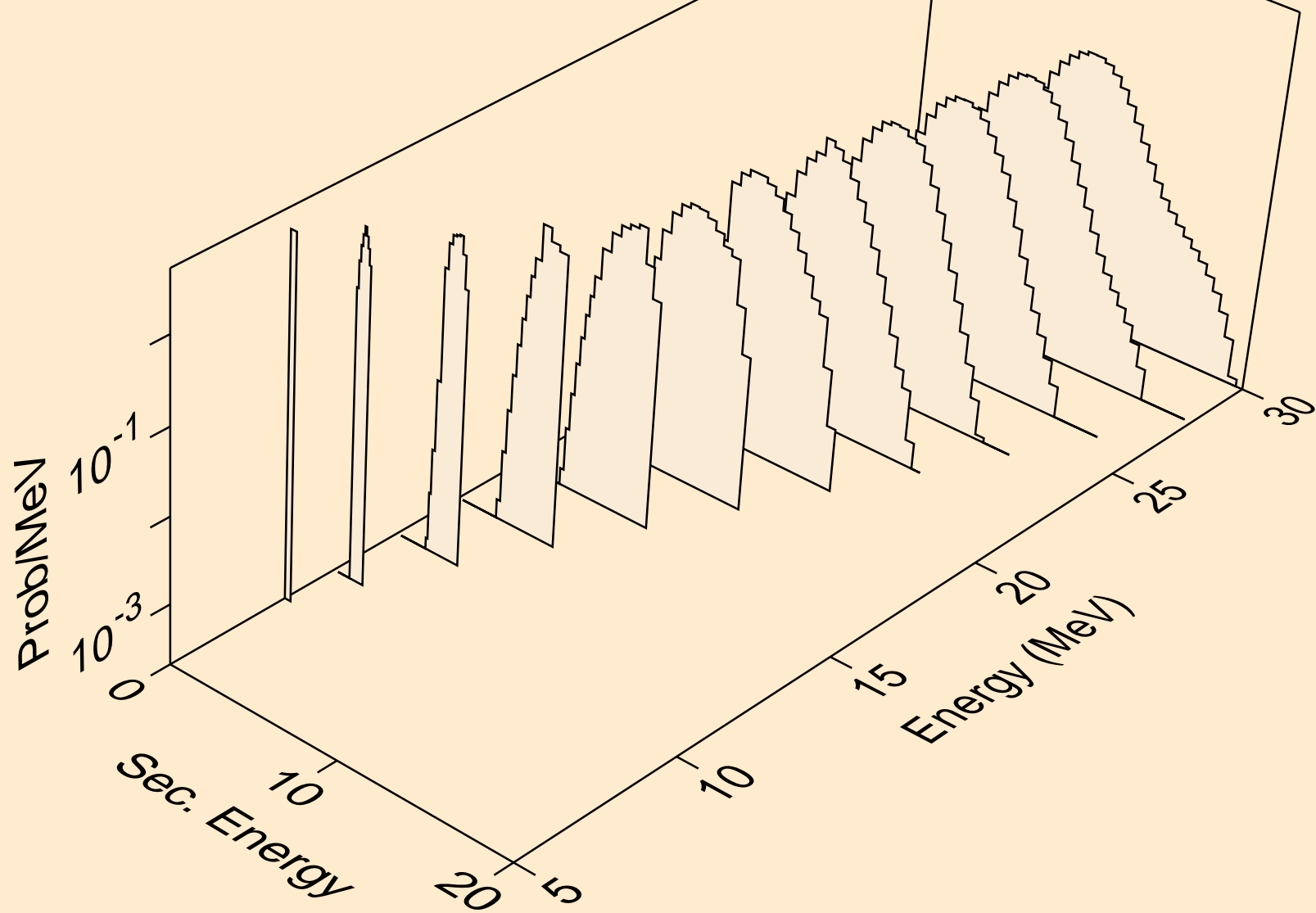




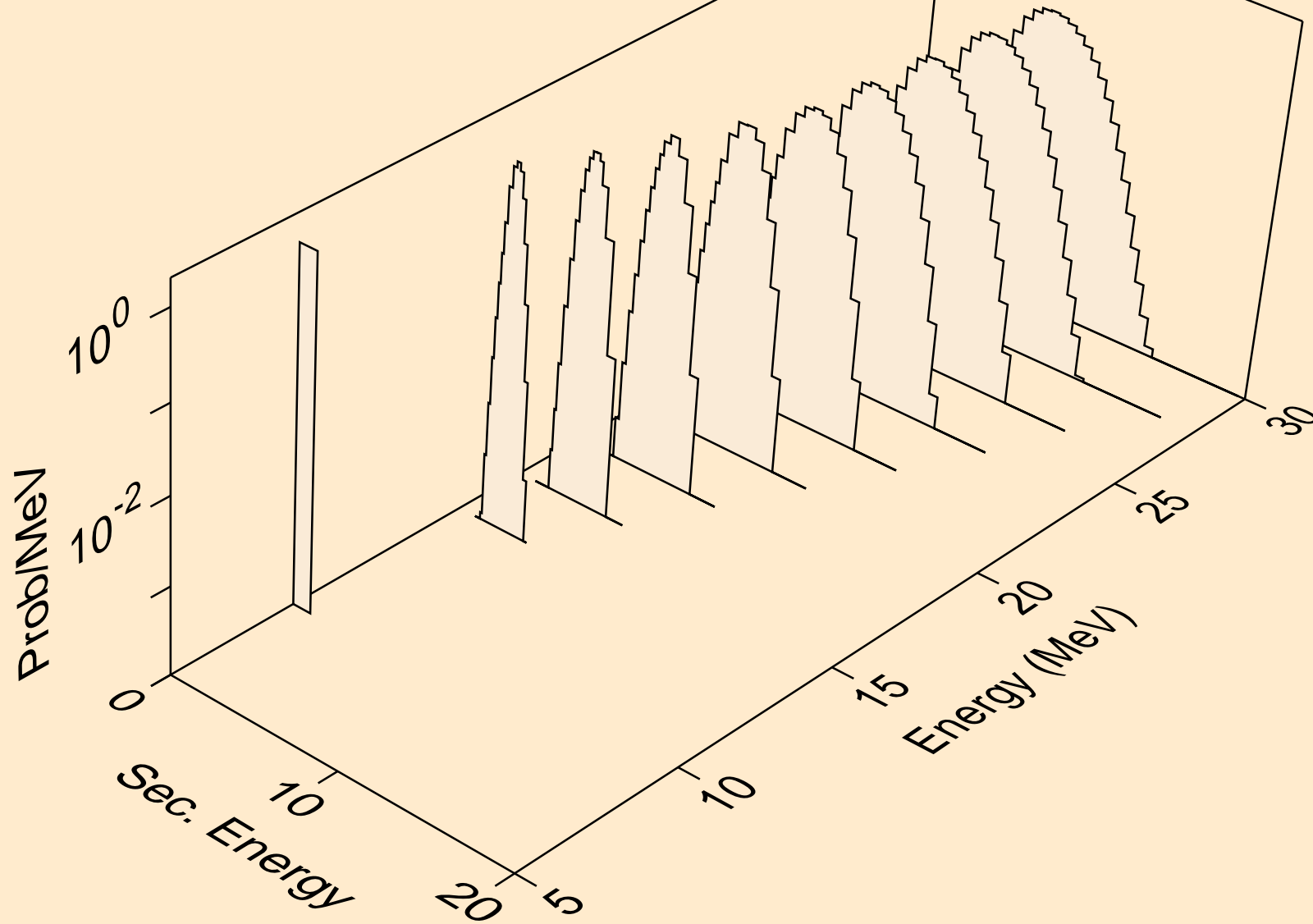
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



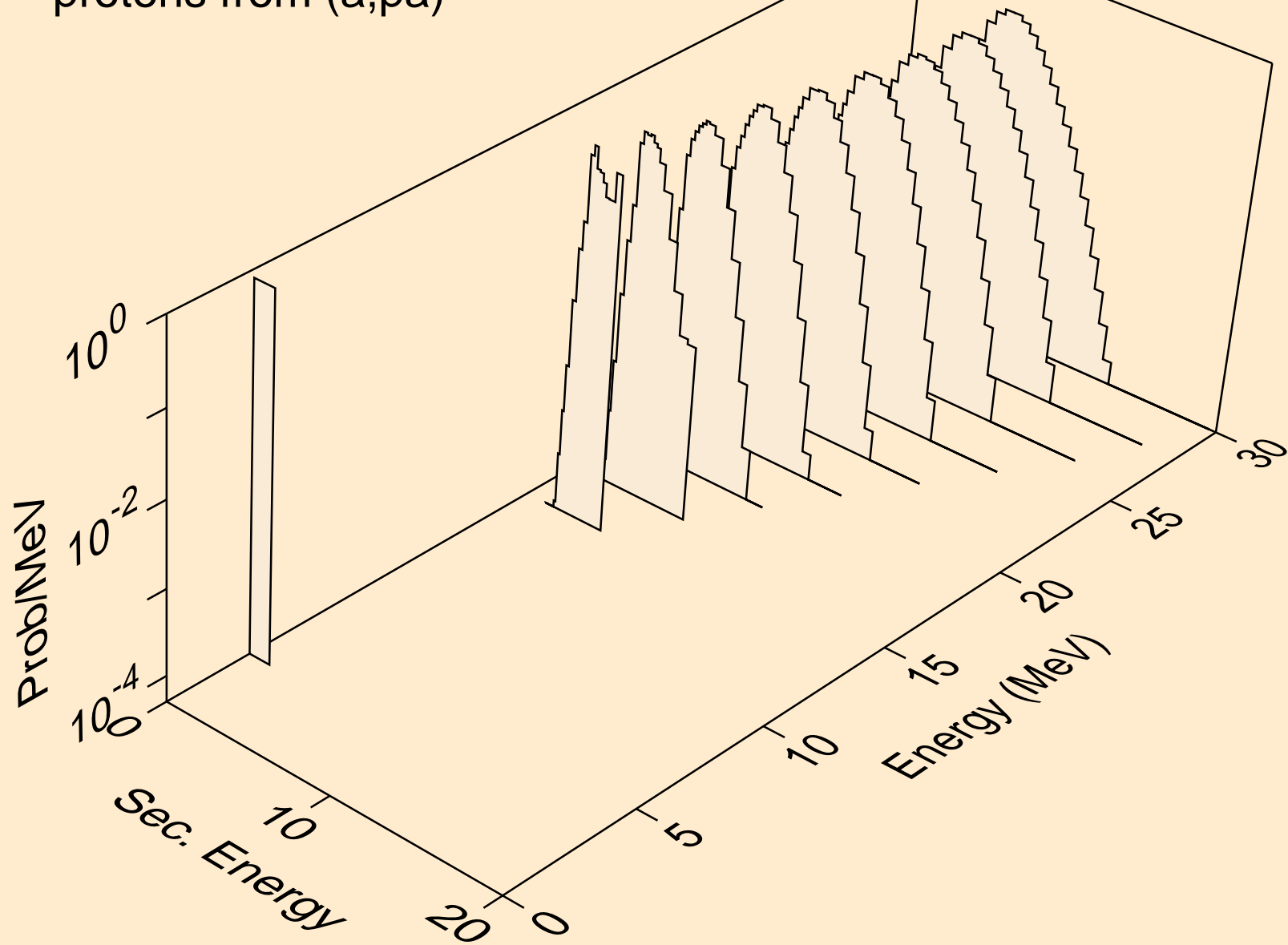
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



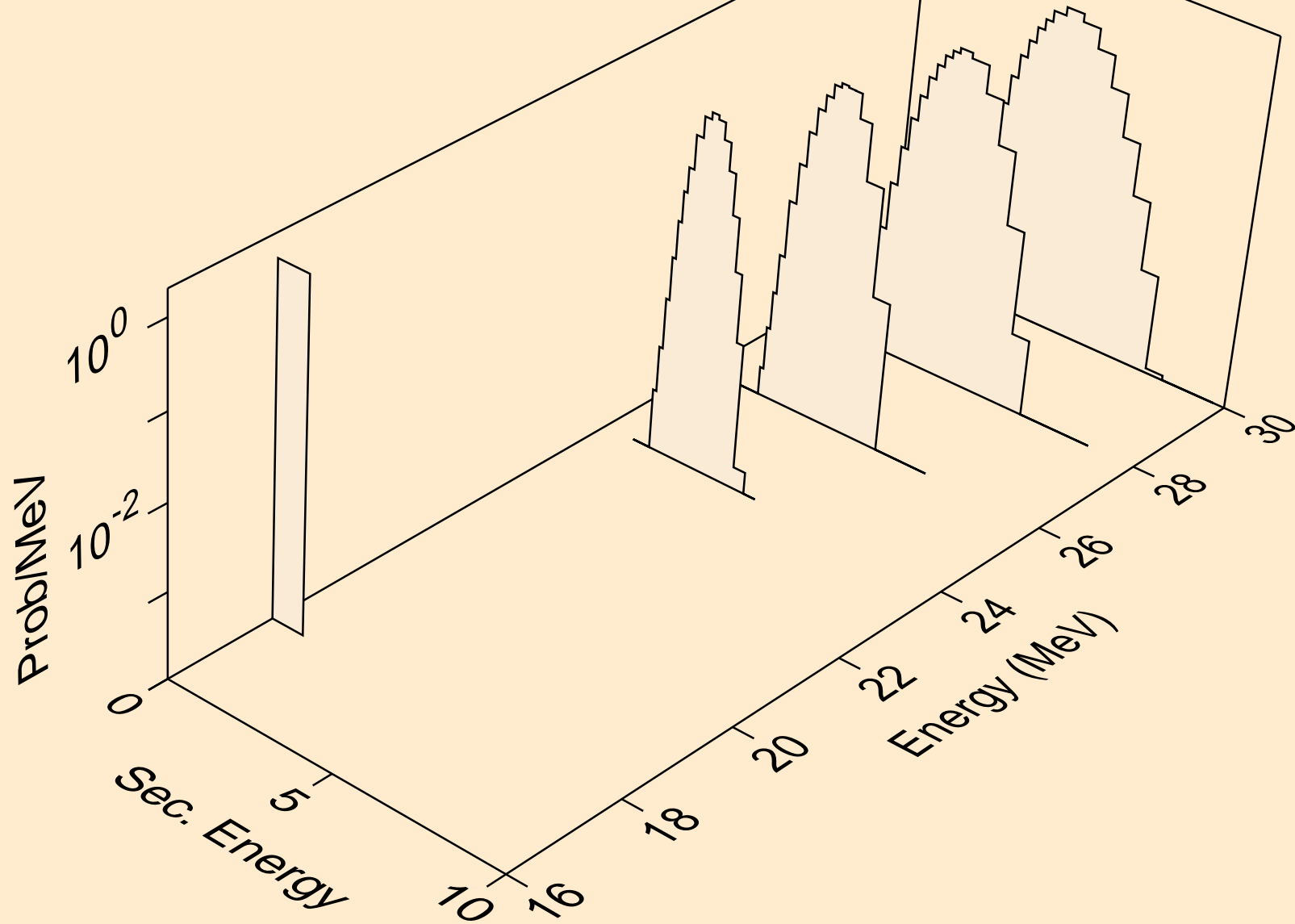
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



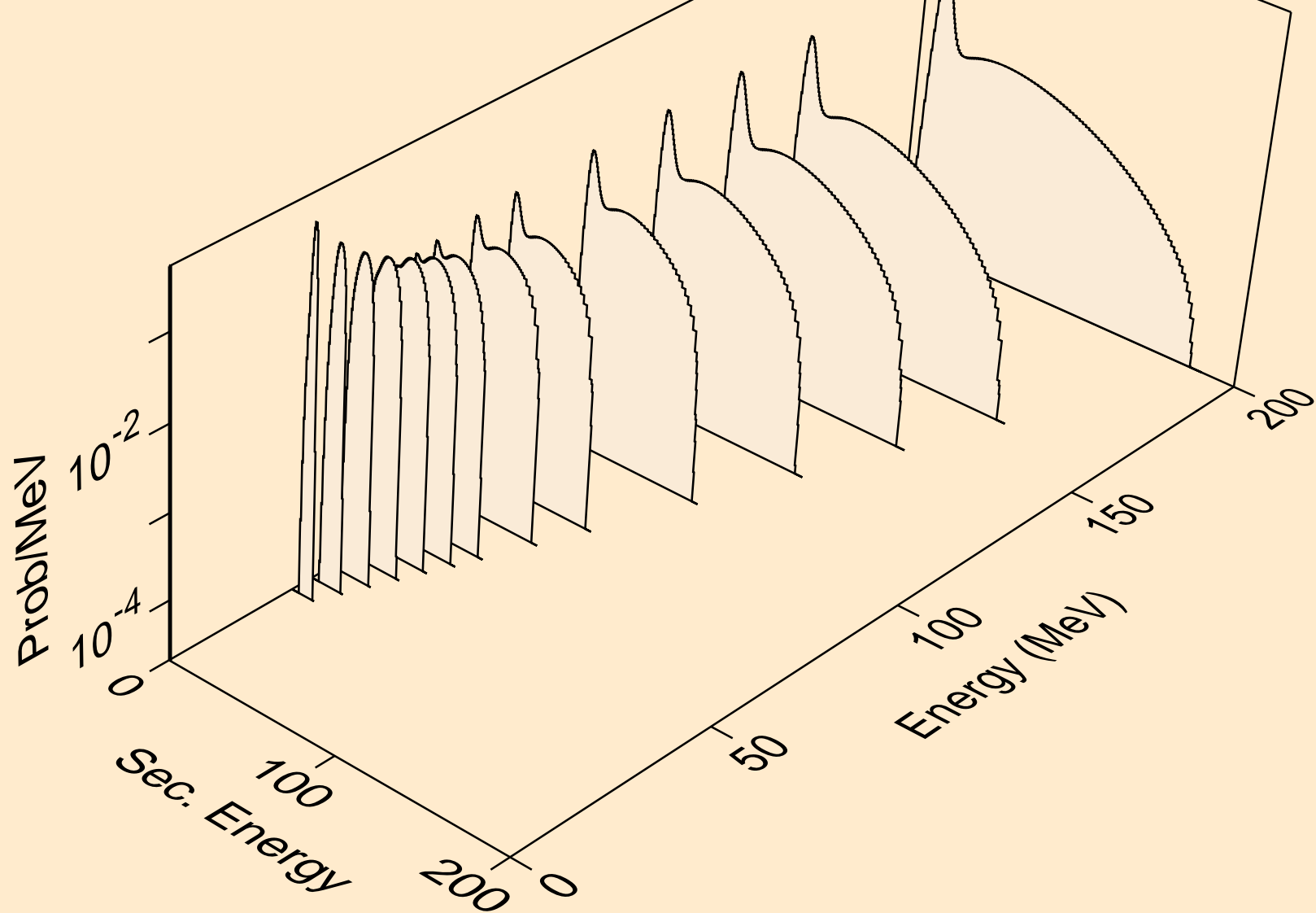
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



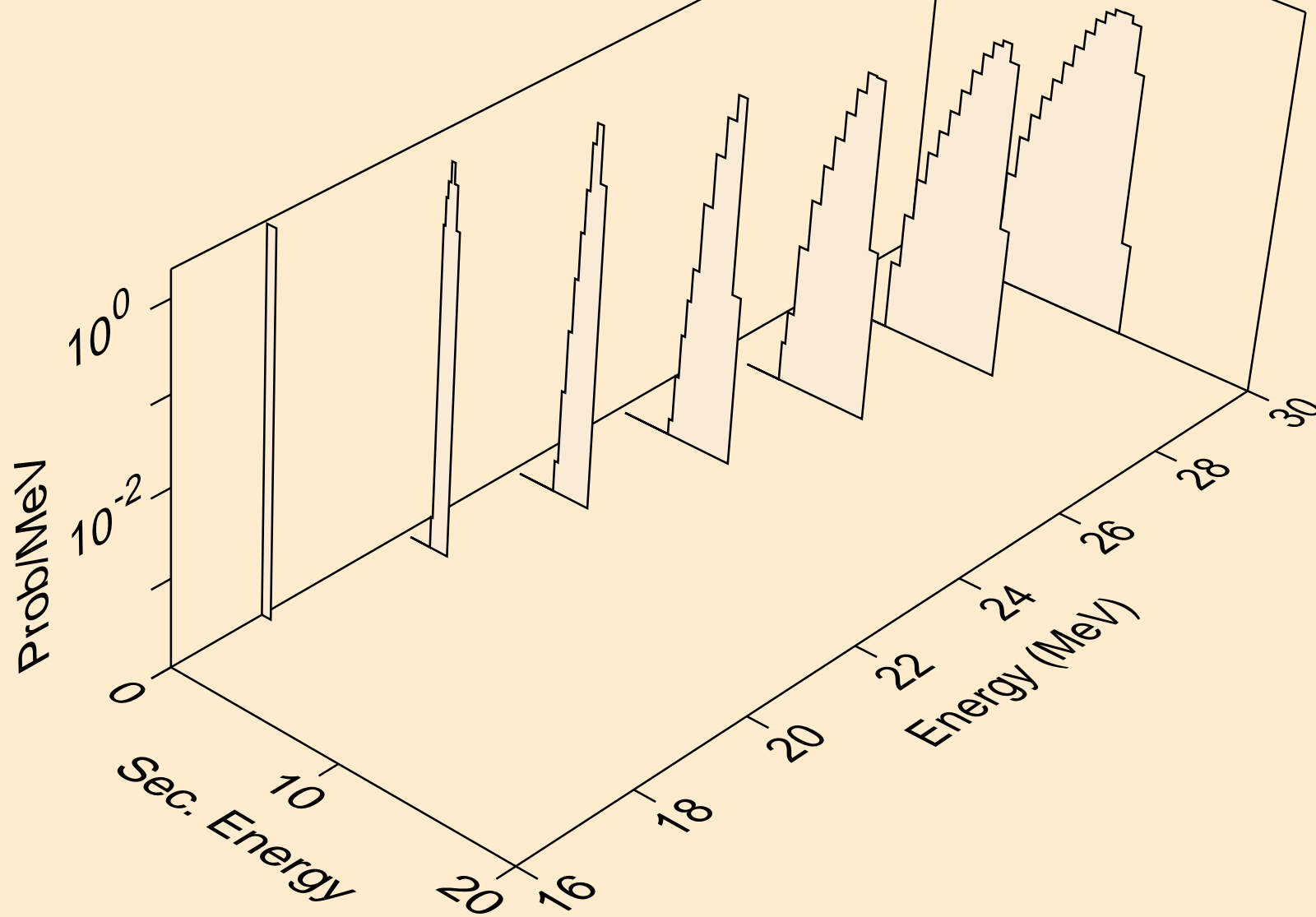
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



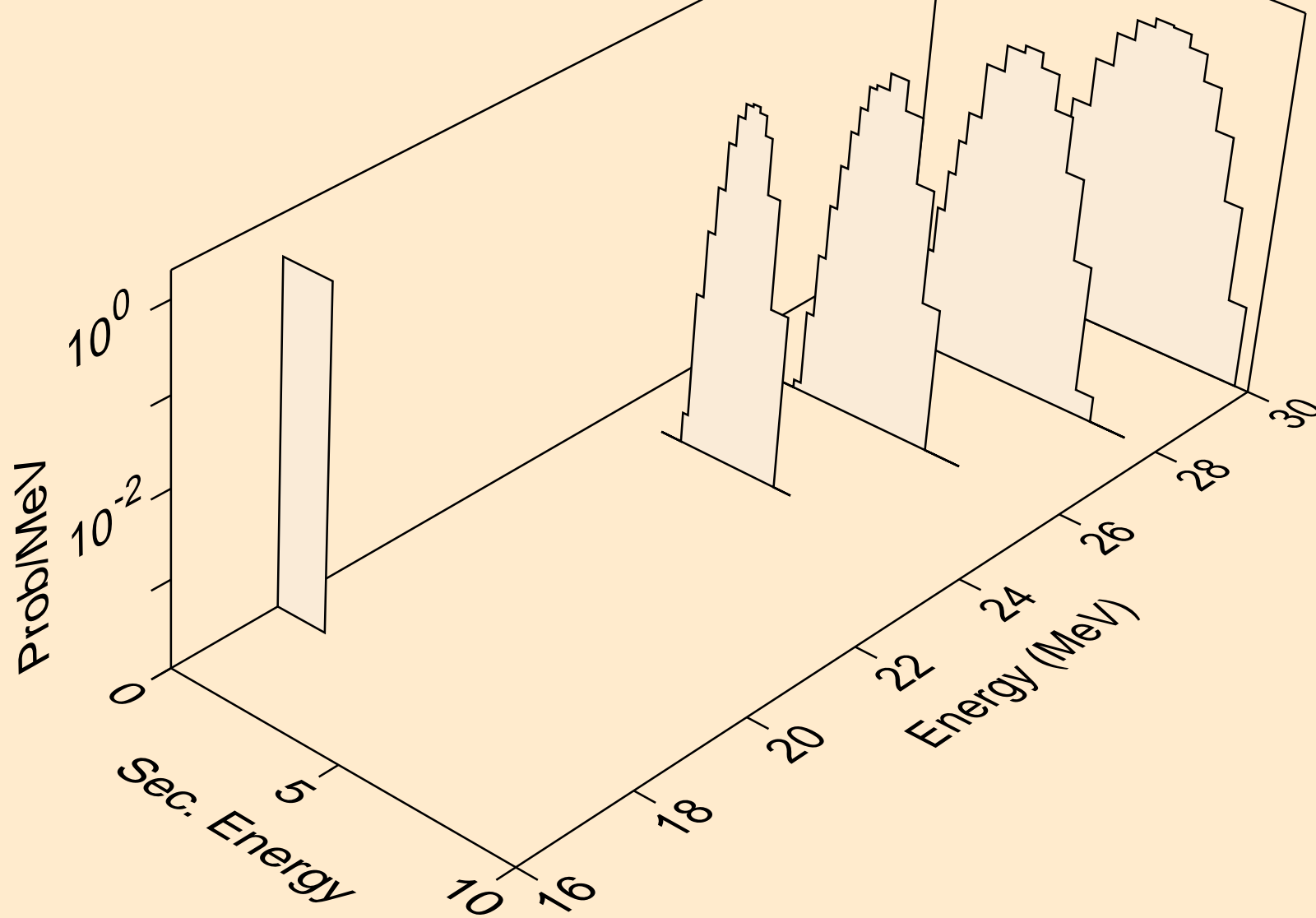
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

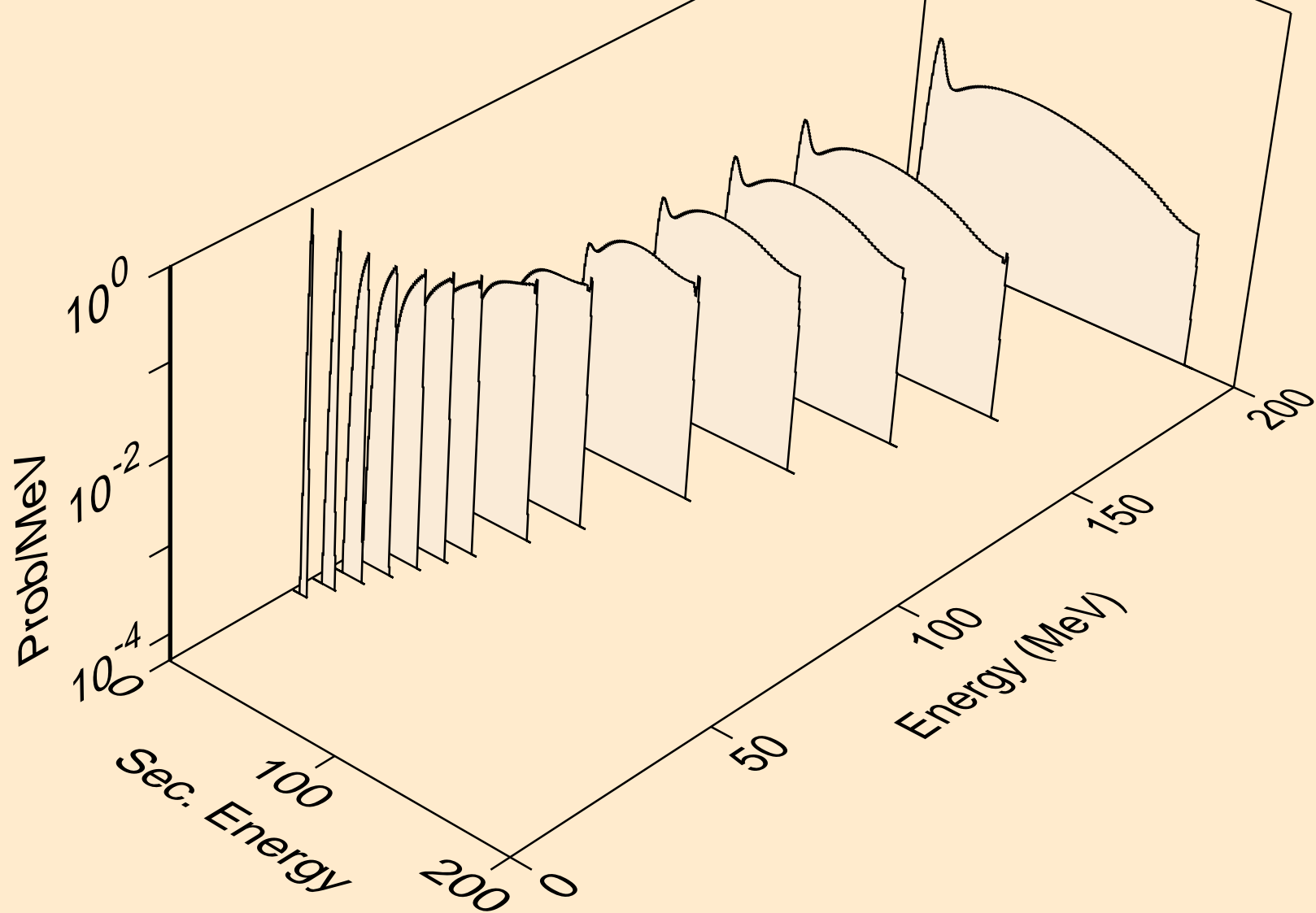


W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)

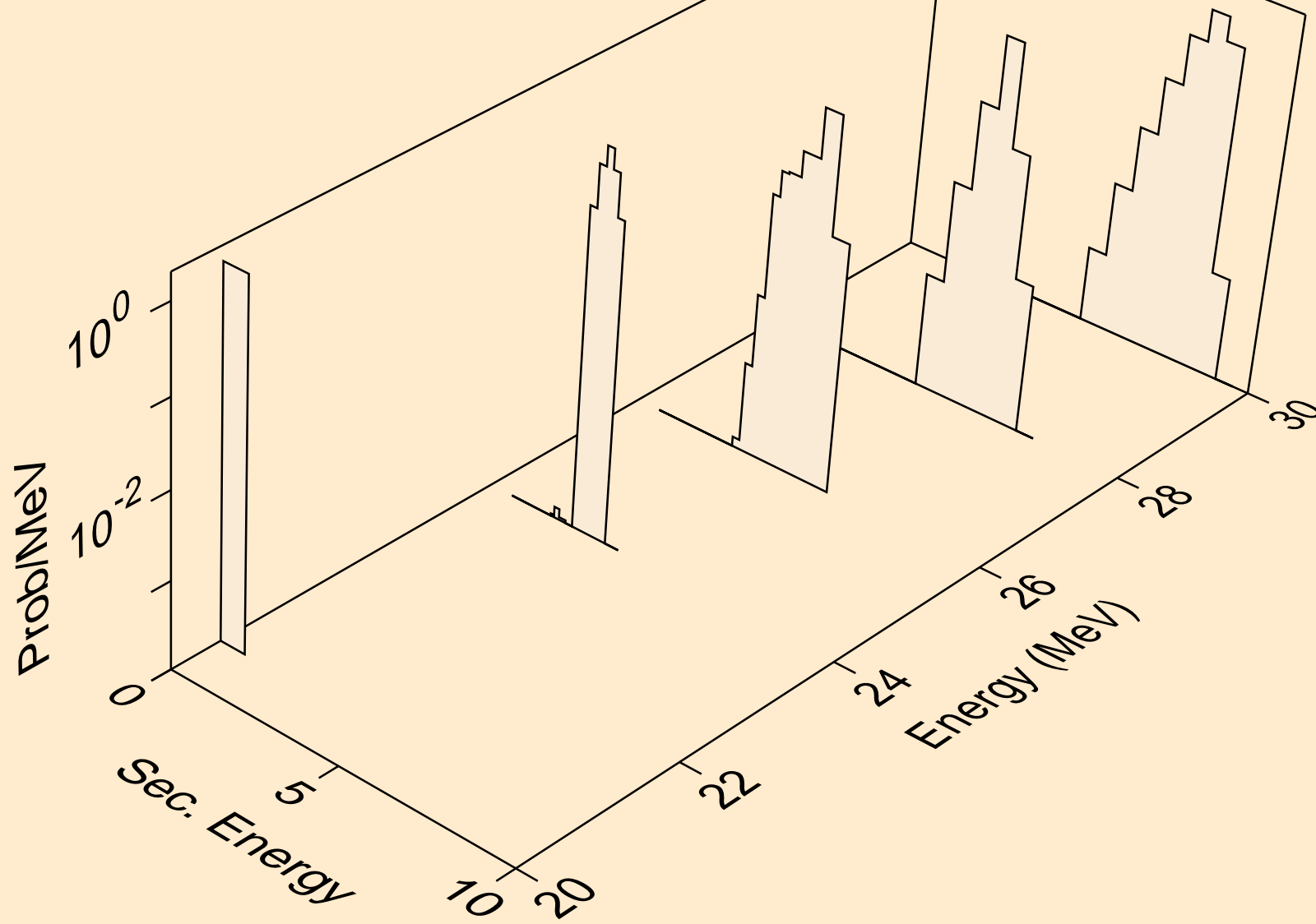




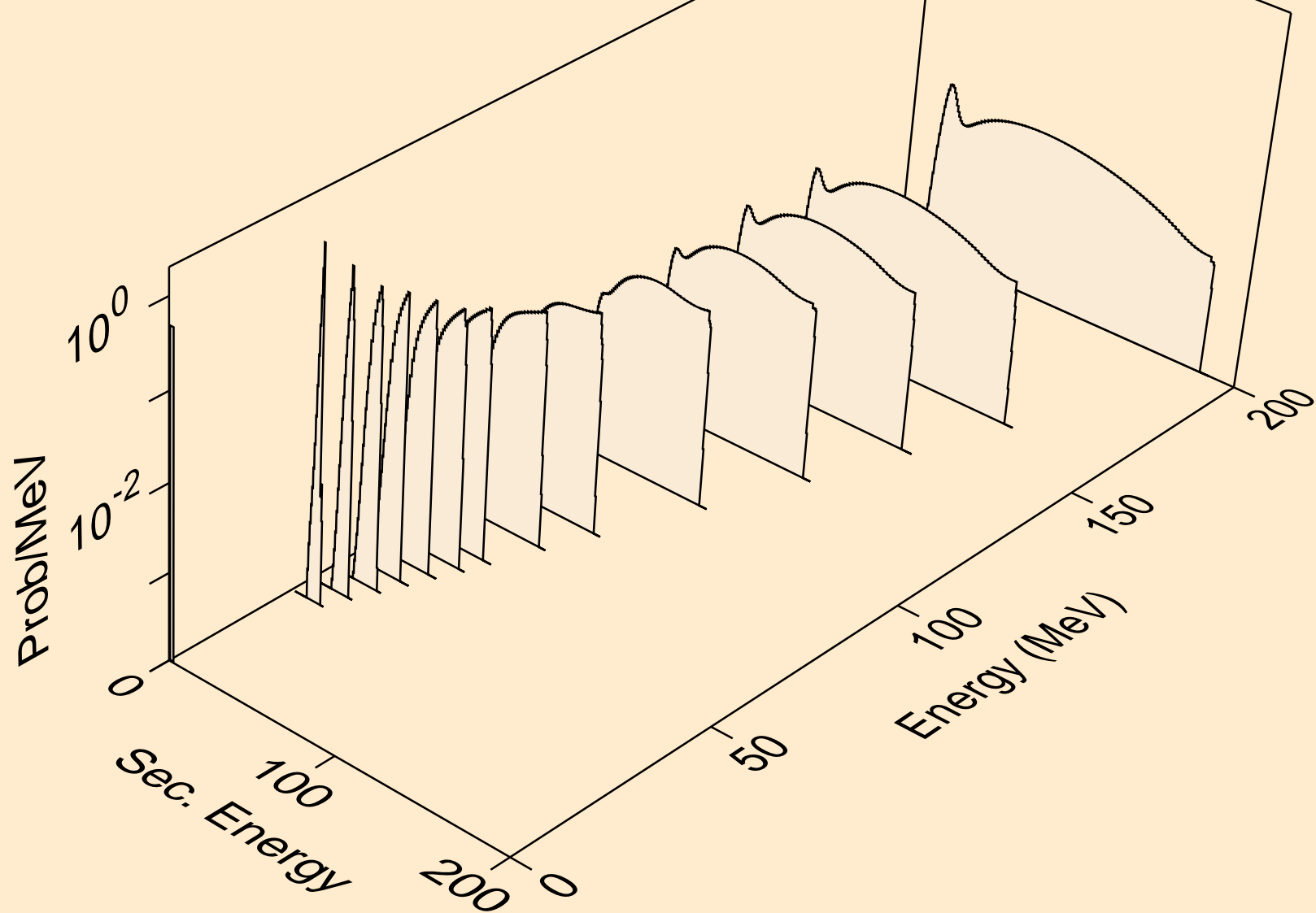
W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



W164 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

