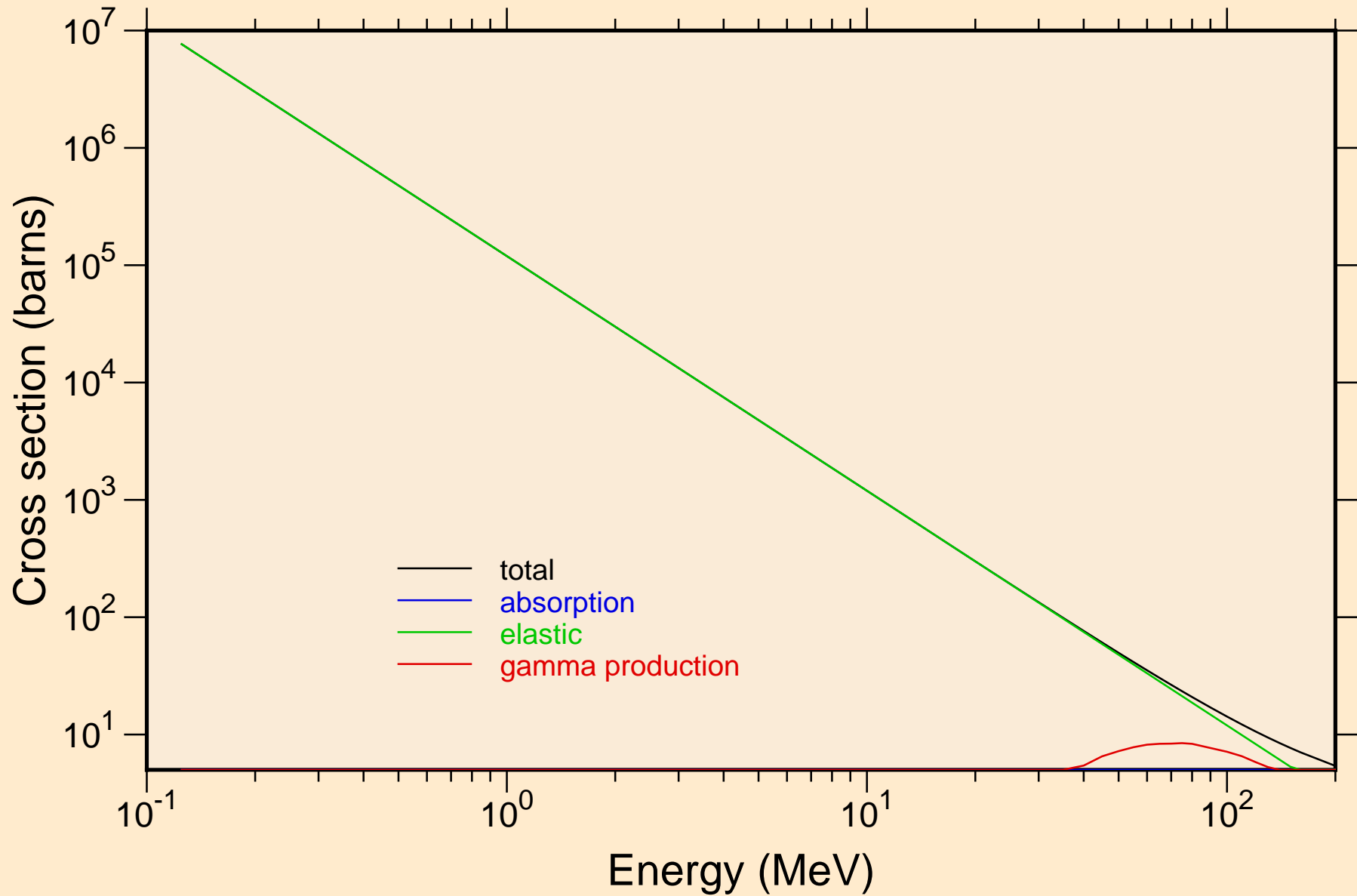


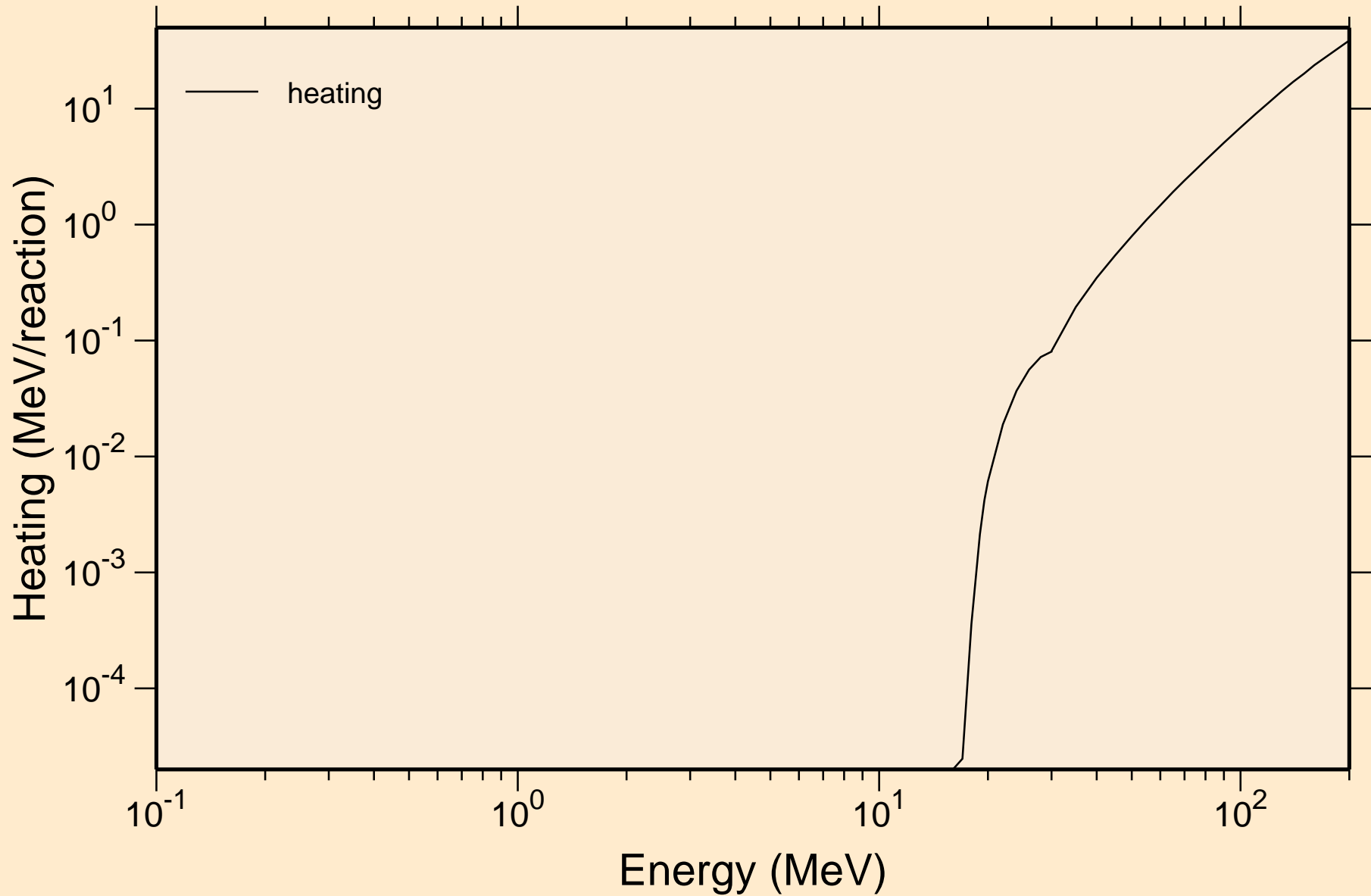
# ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



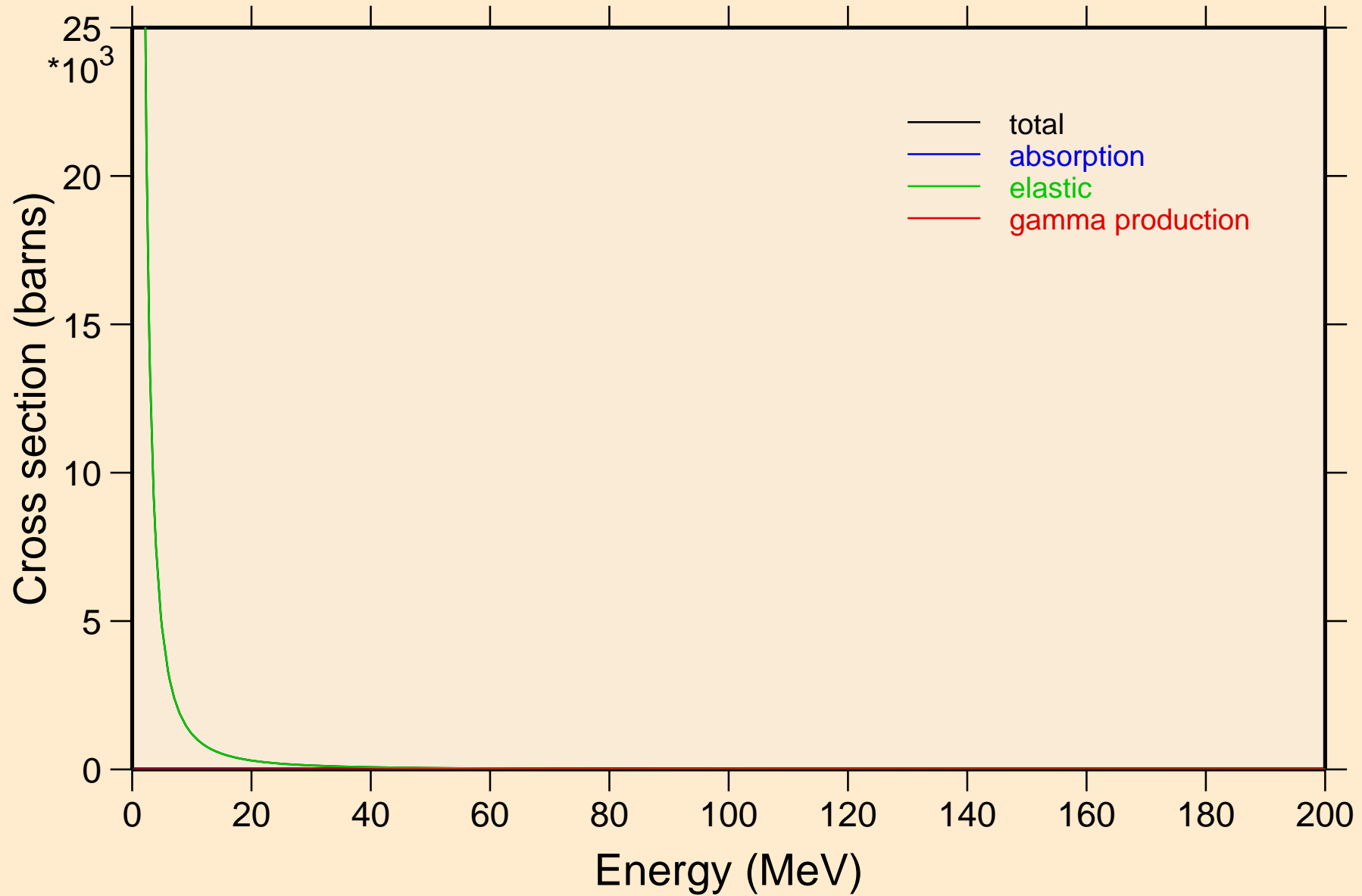
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



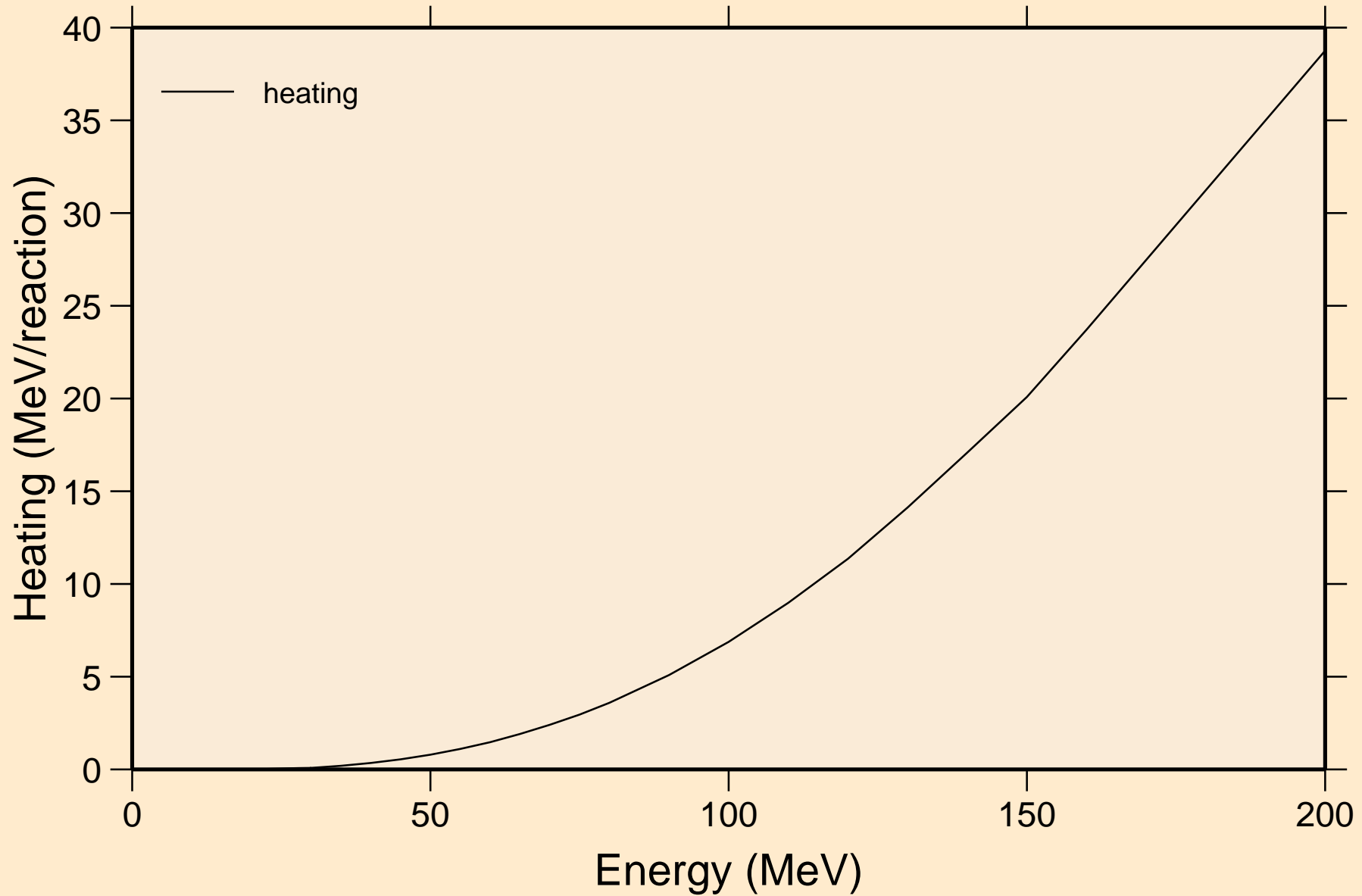
# ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

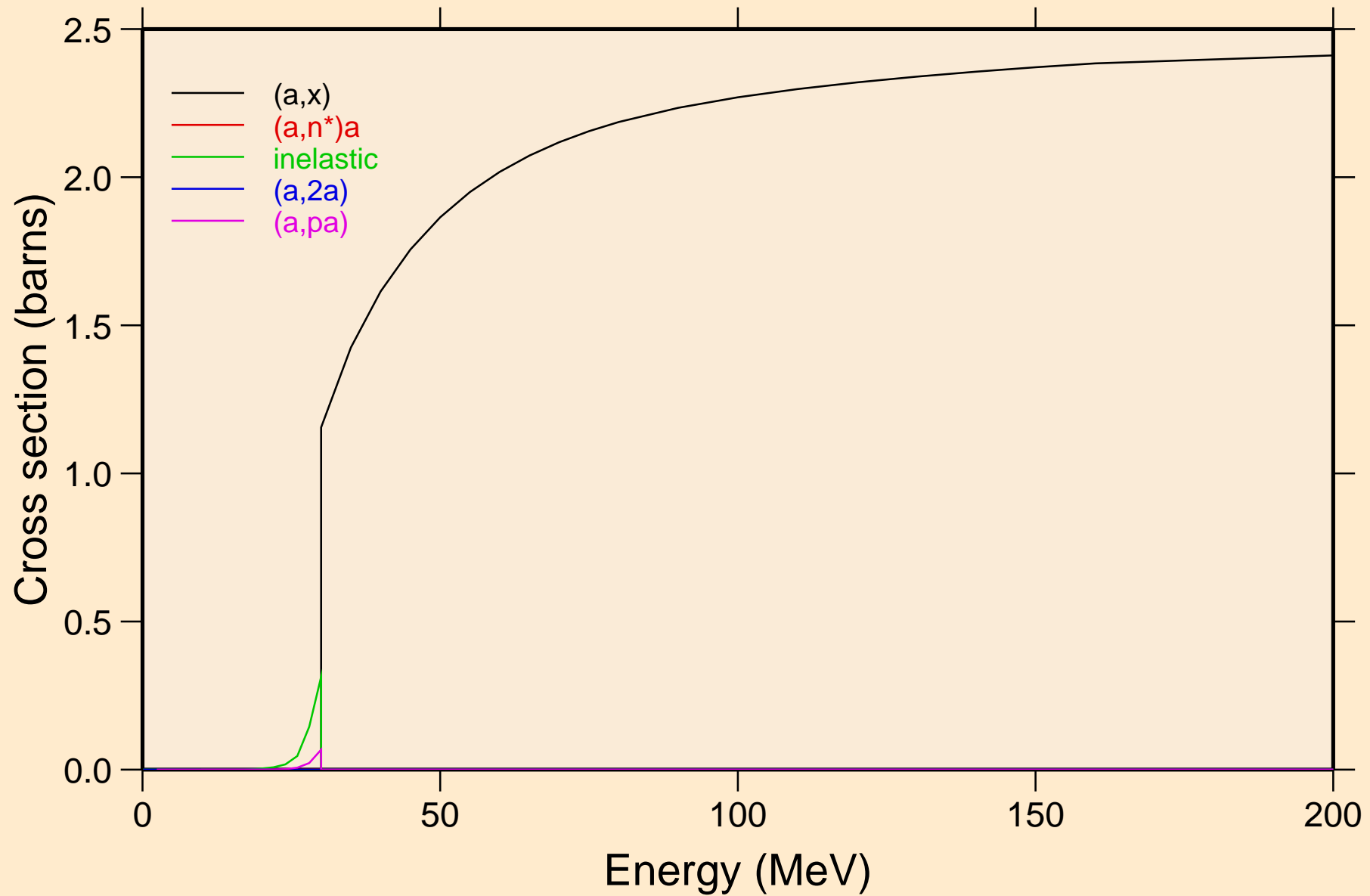


ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

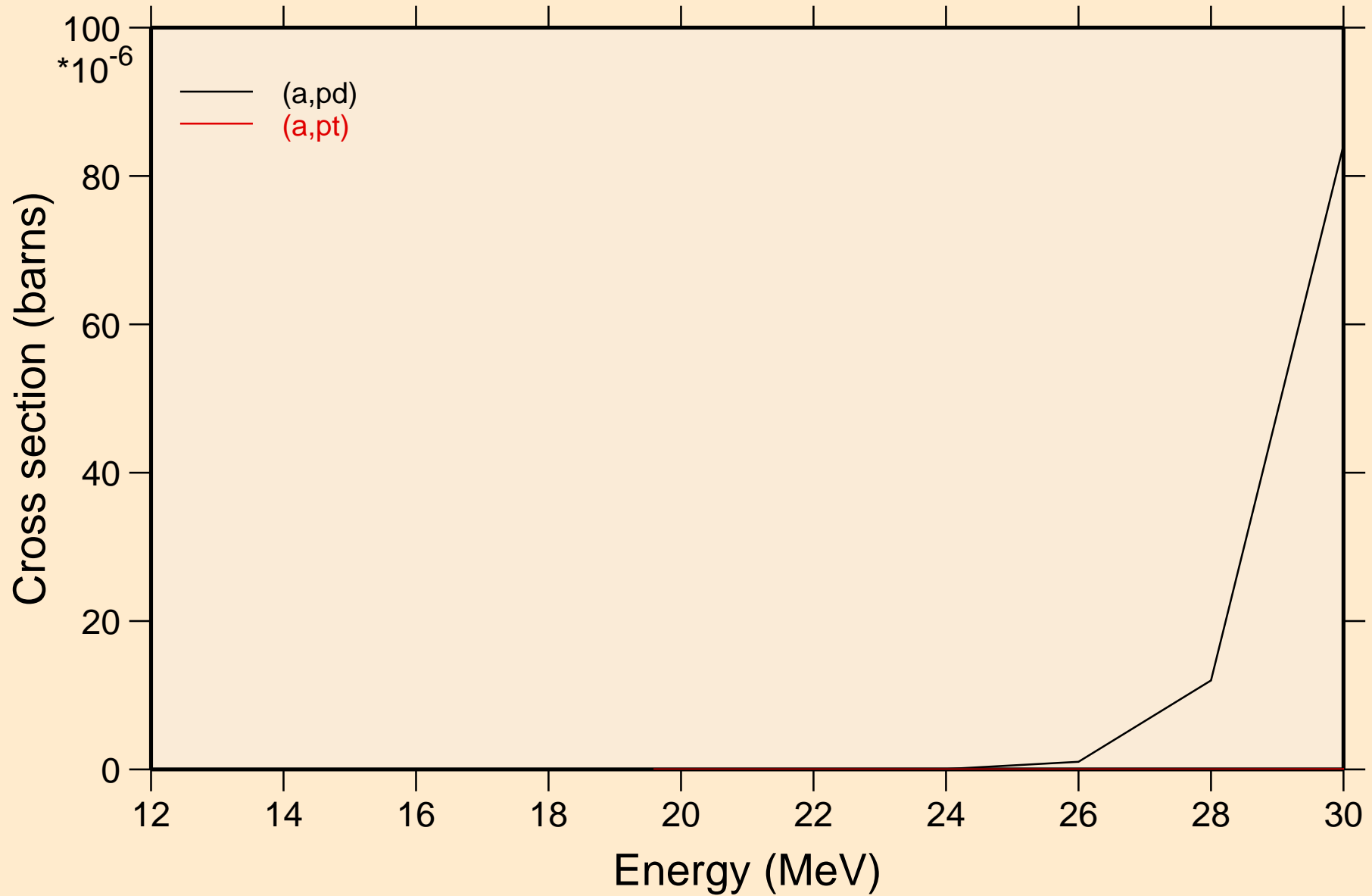
Heating



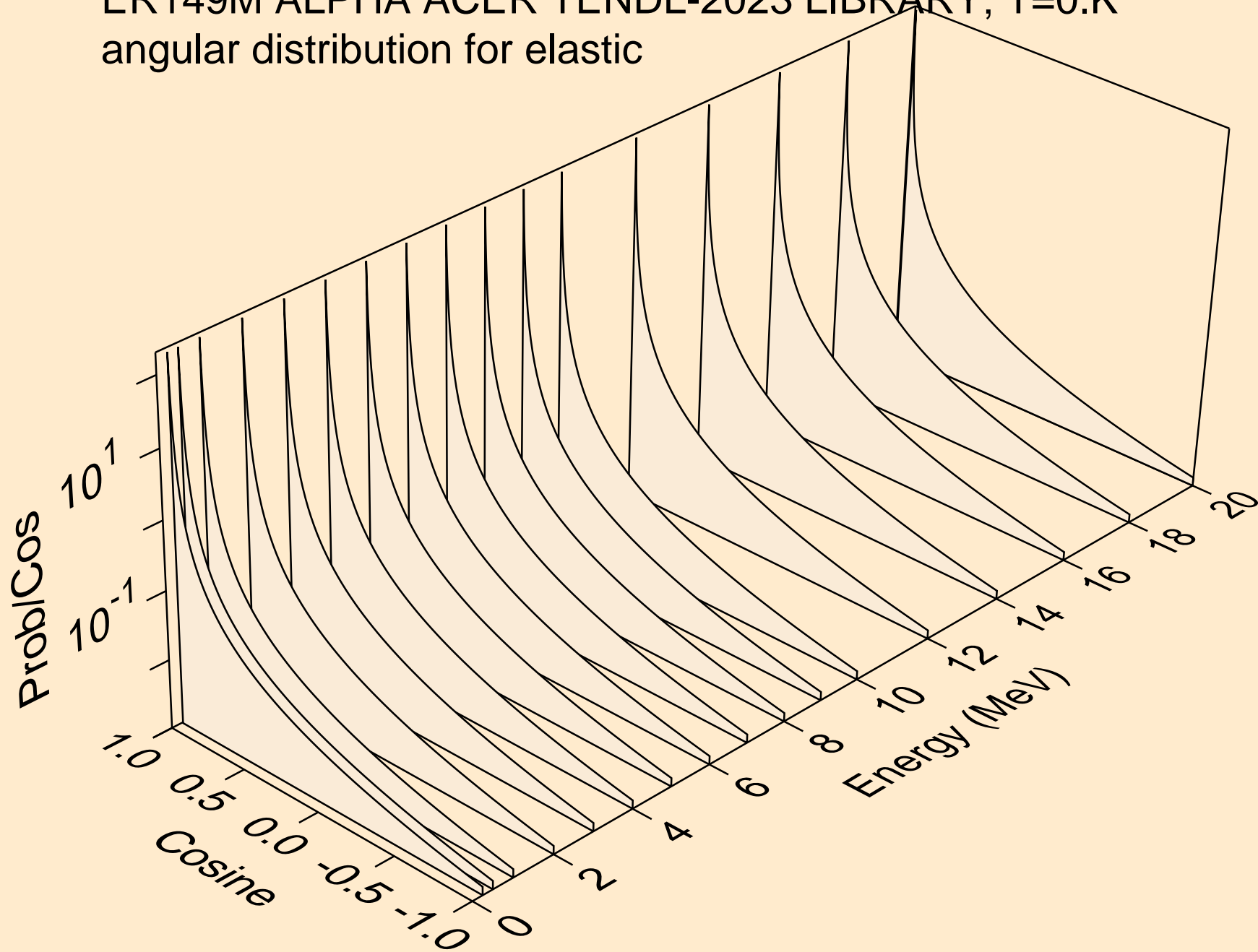
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



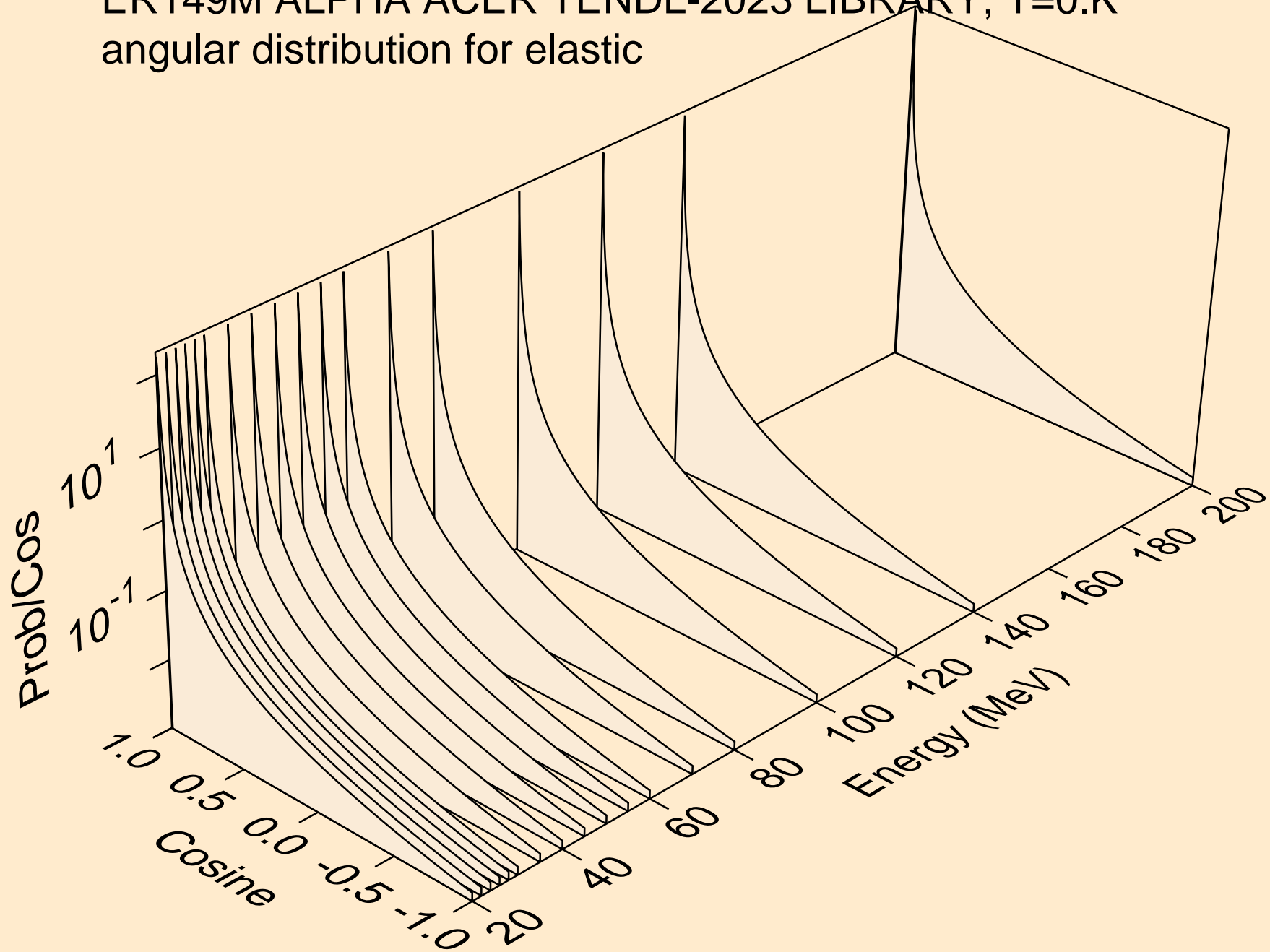
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

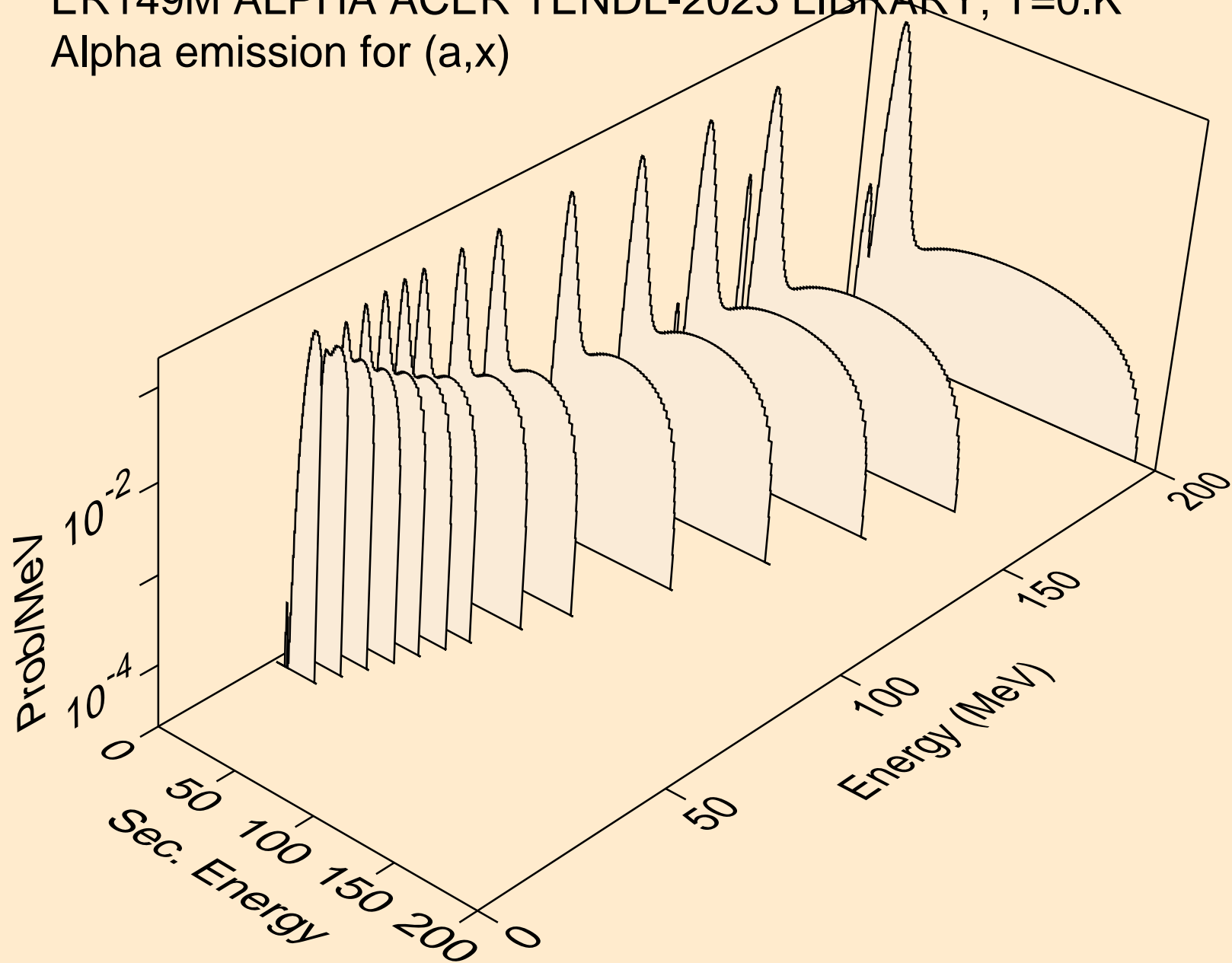


ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

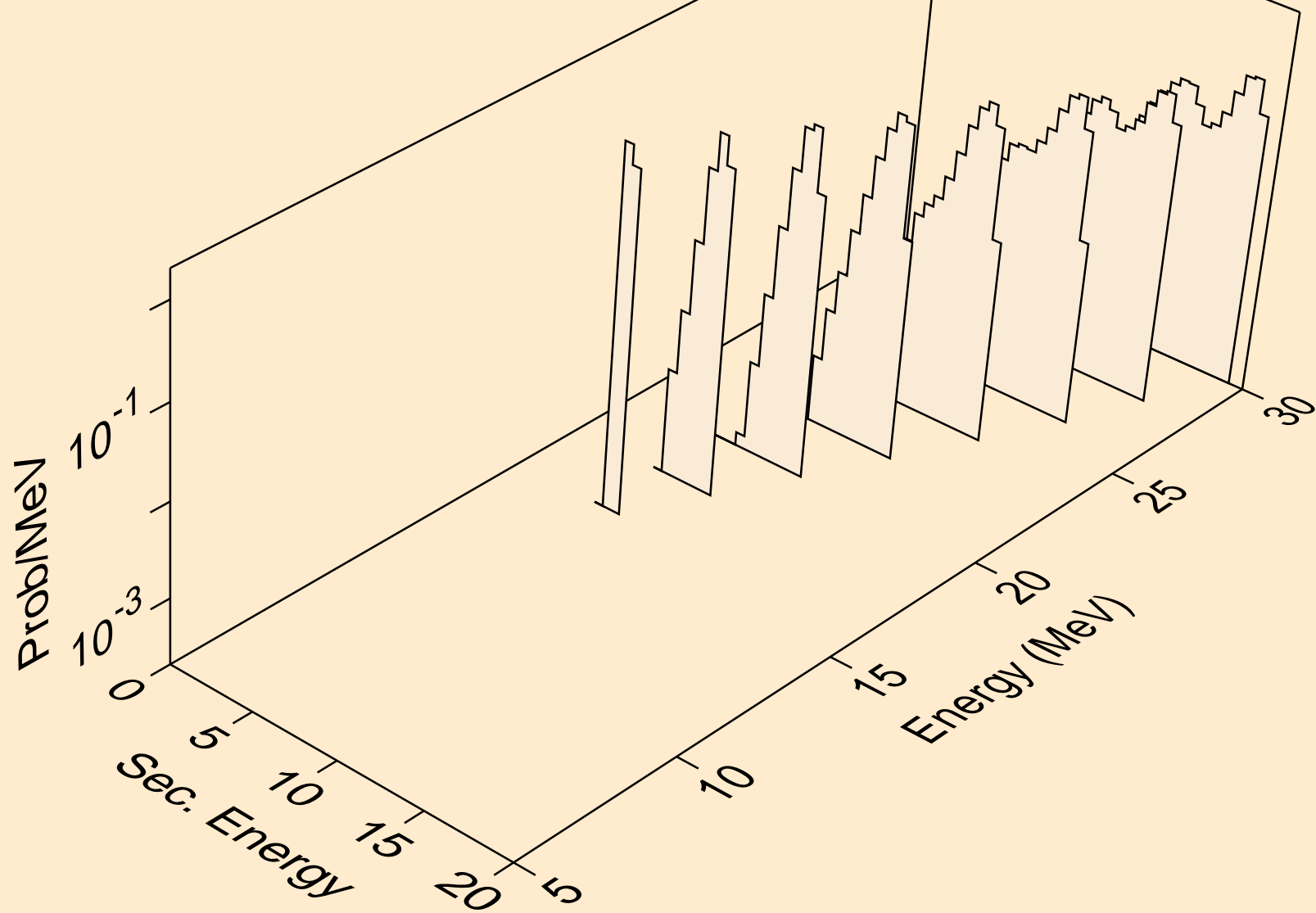




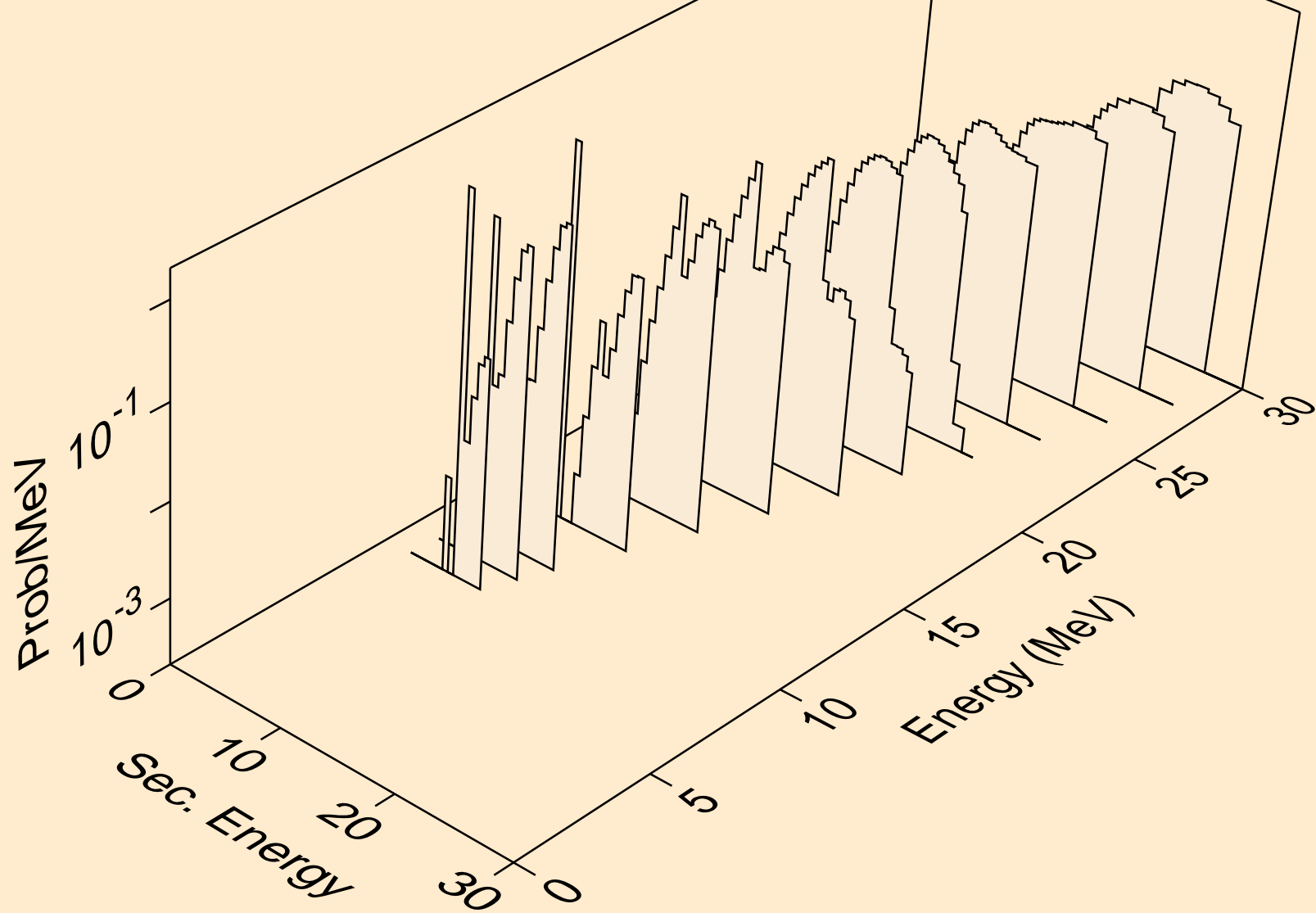
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



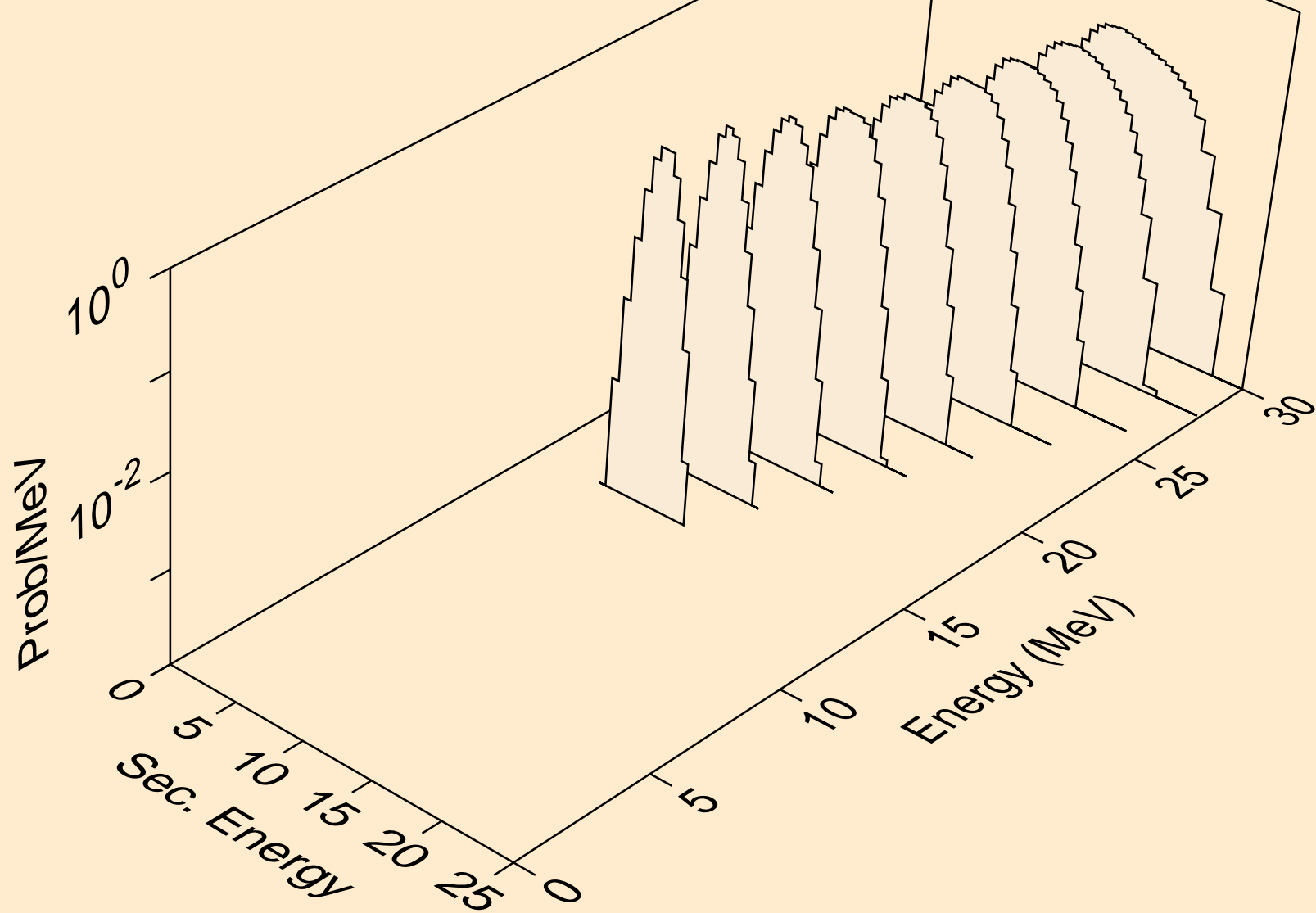
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



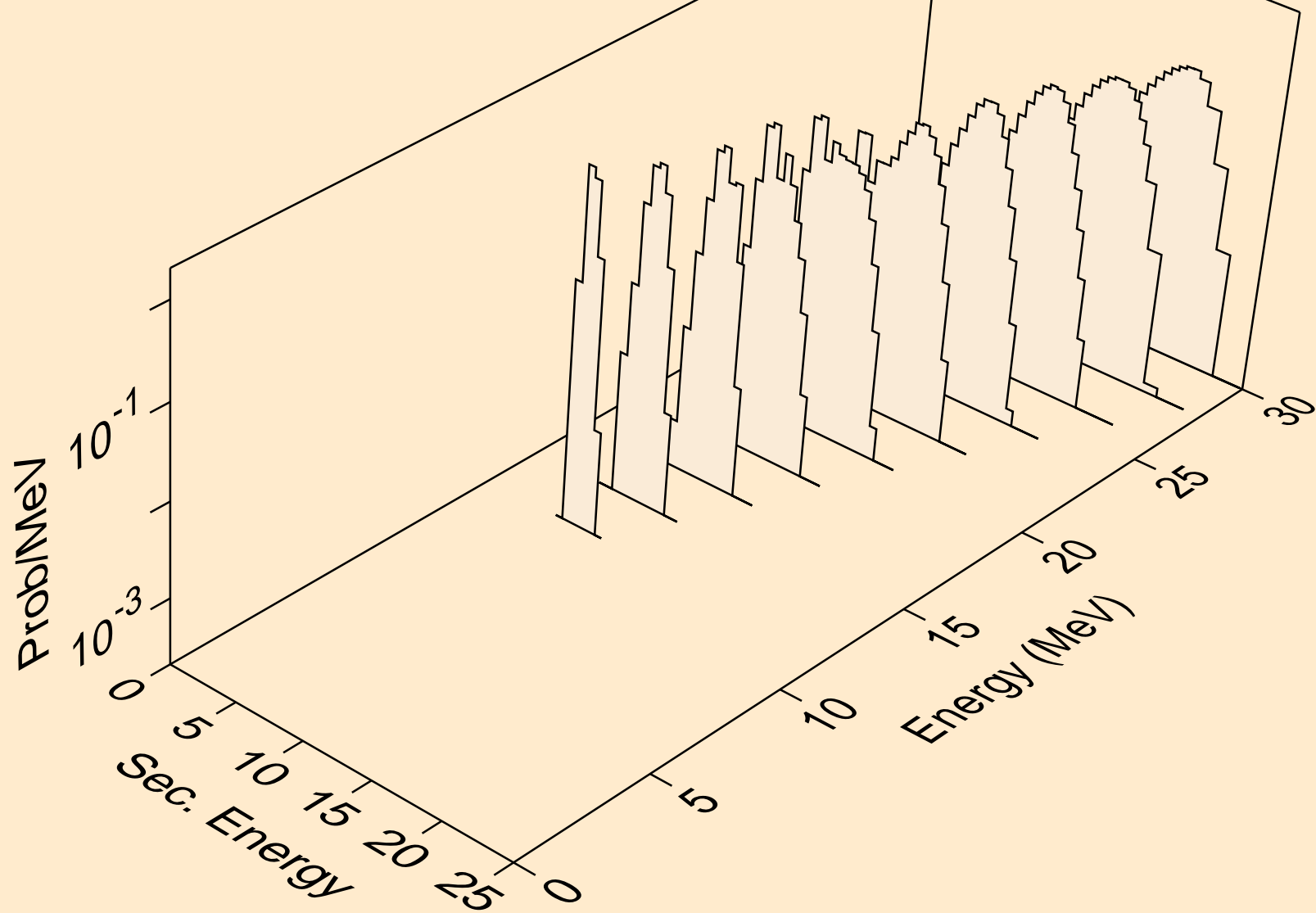
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



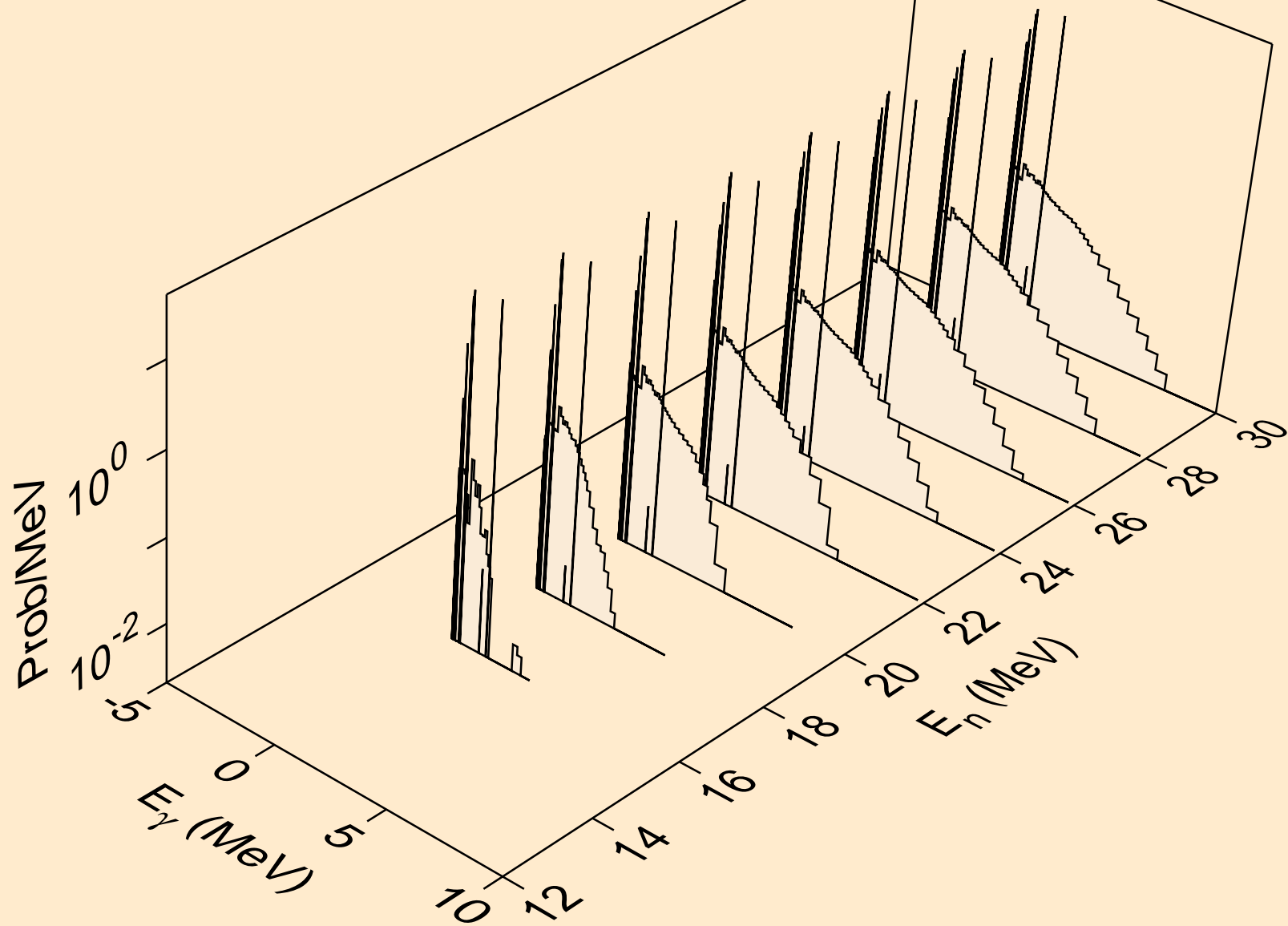
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



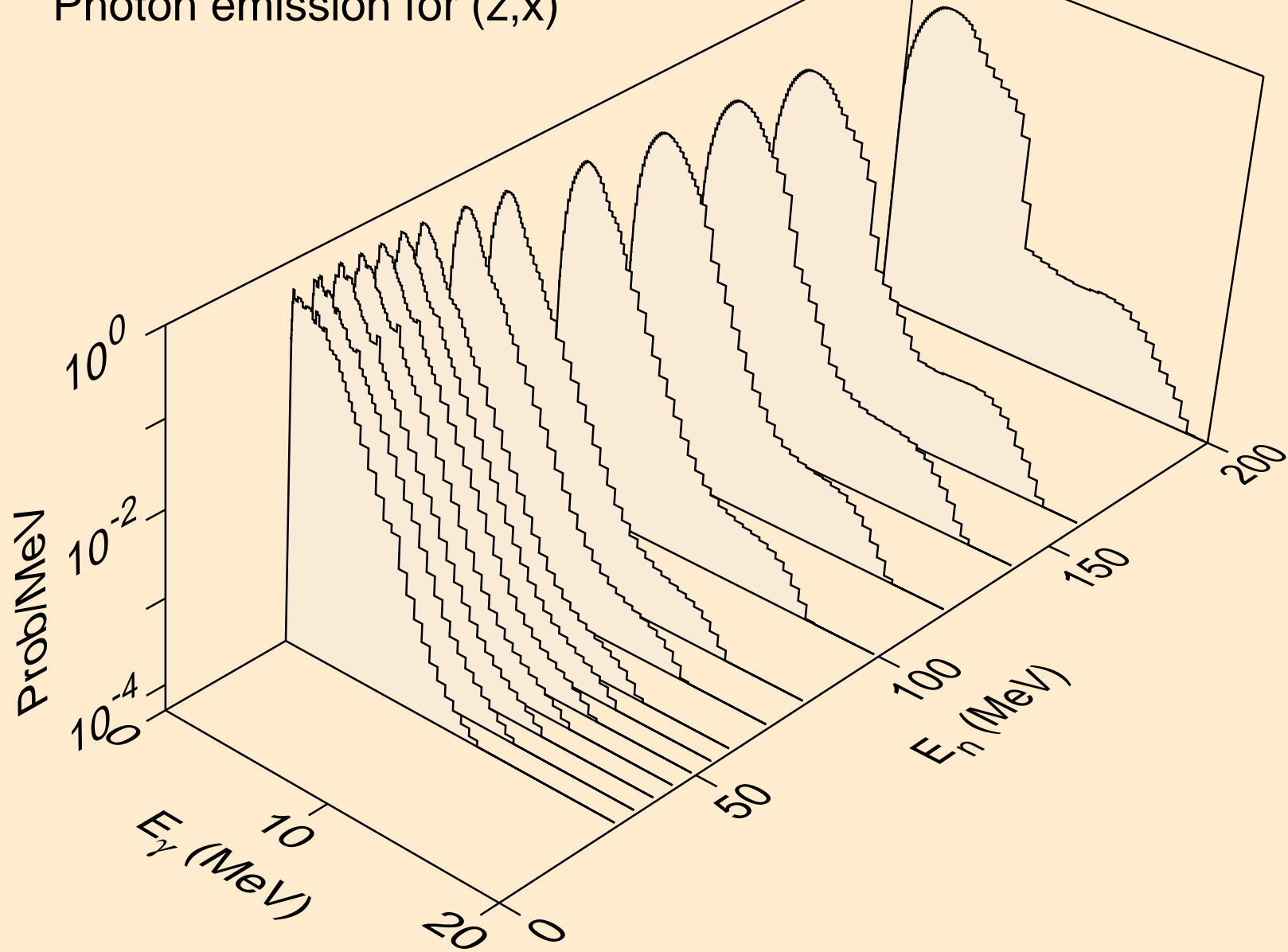
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



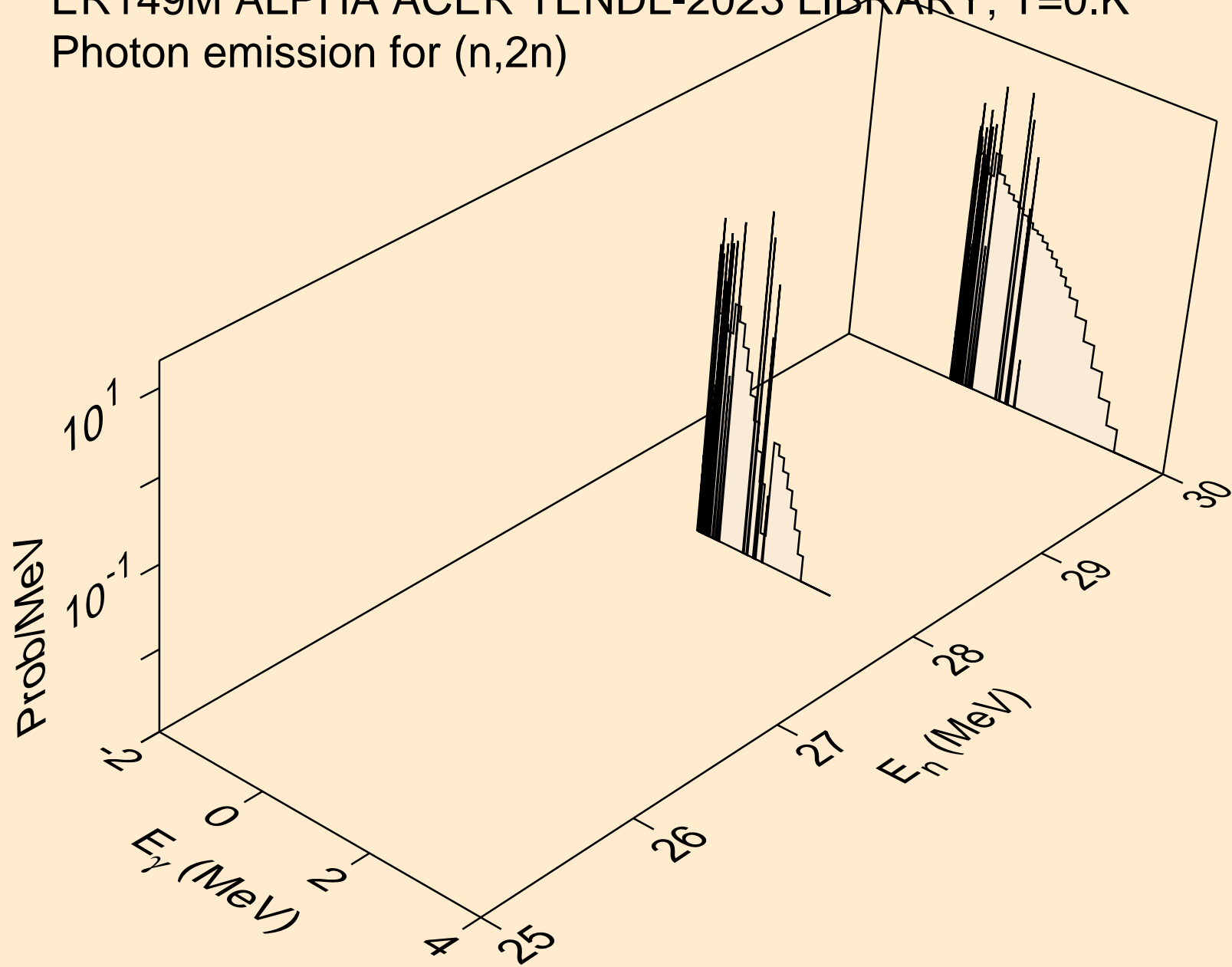
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

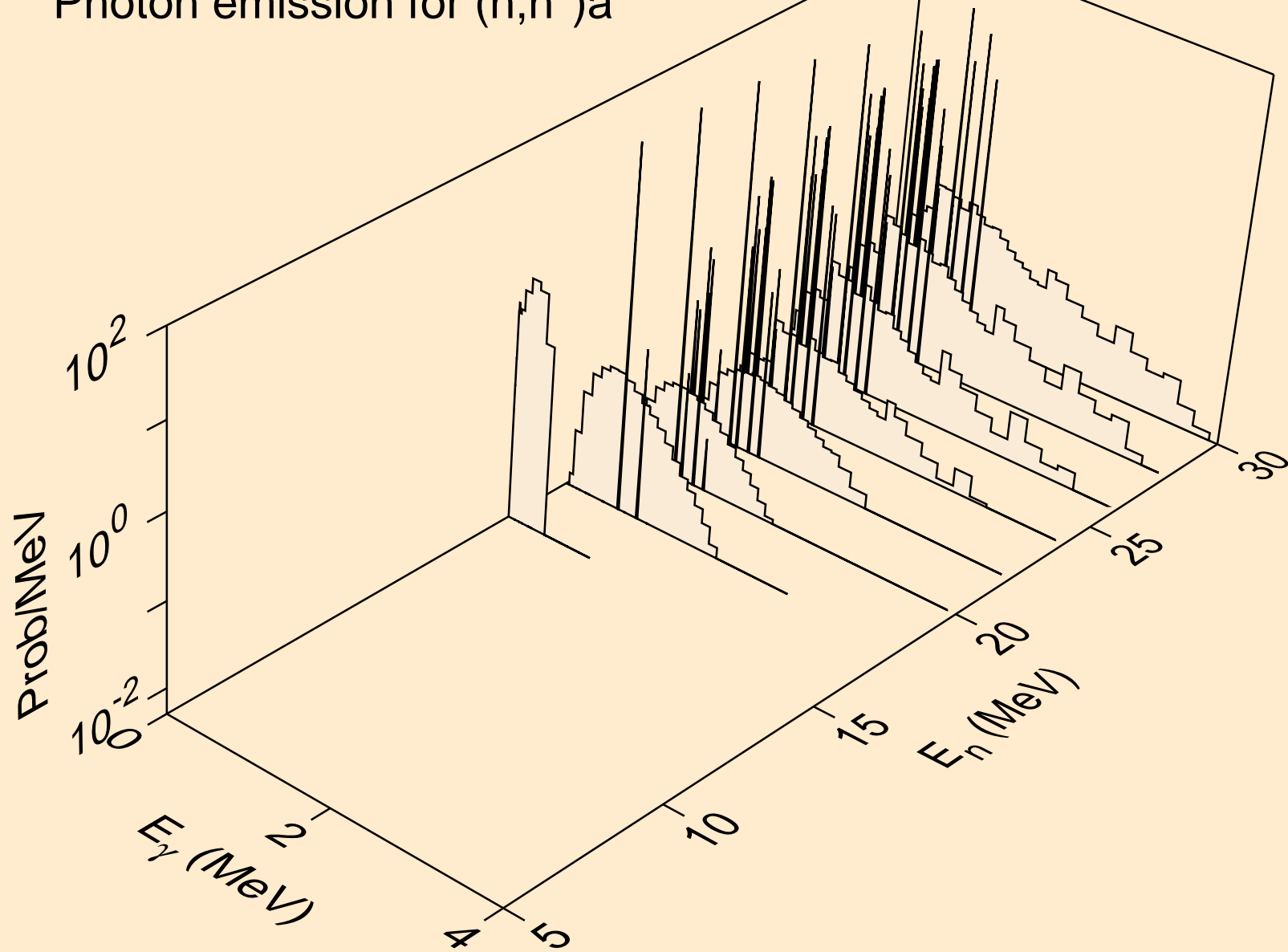


ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

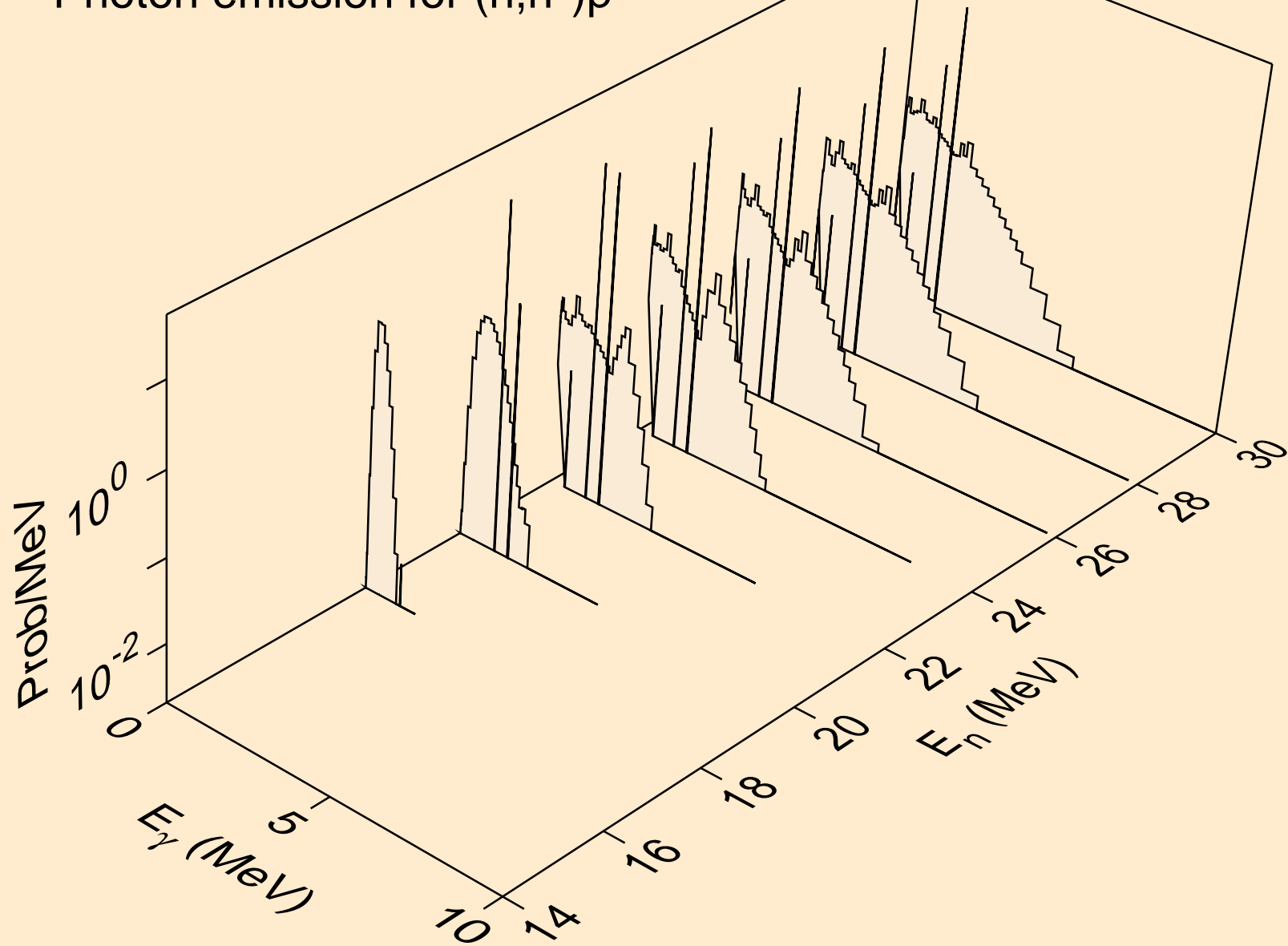




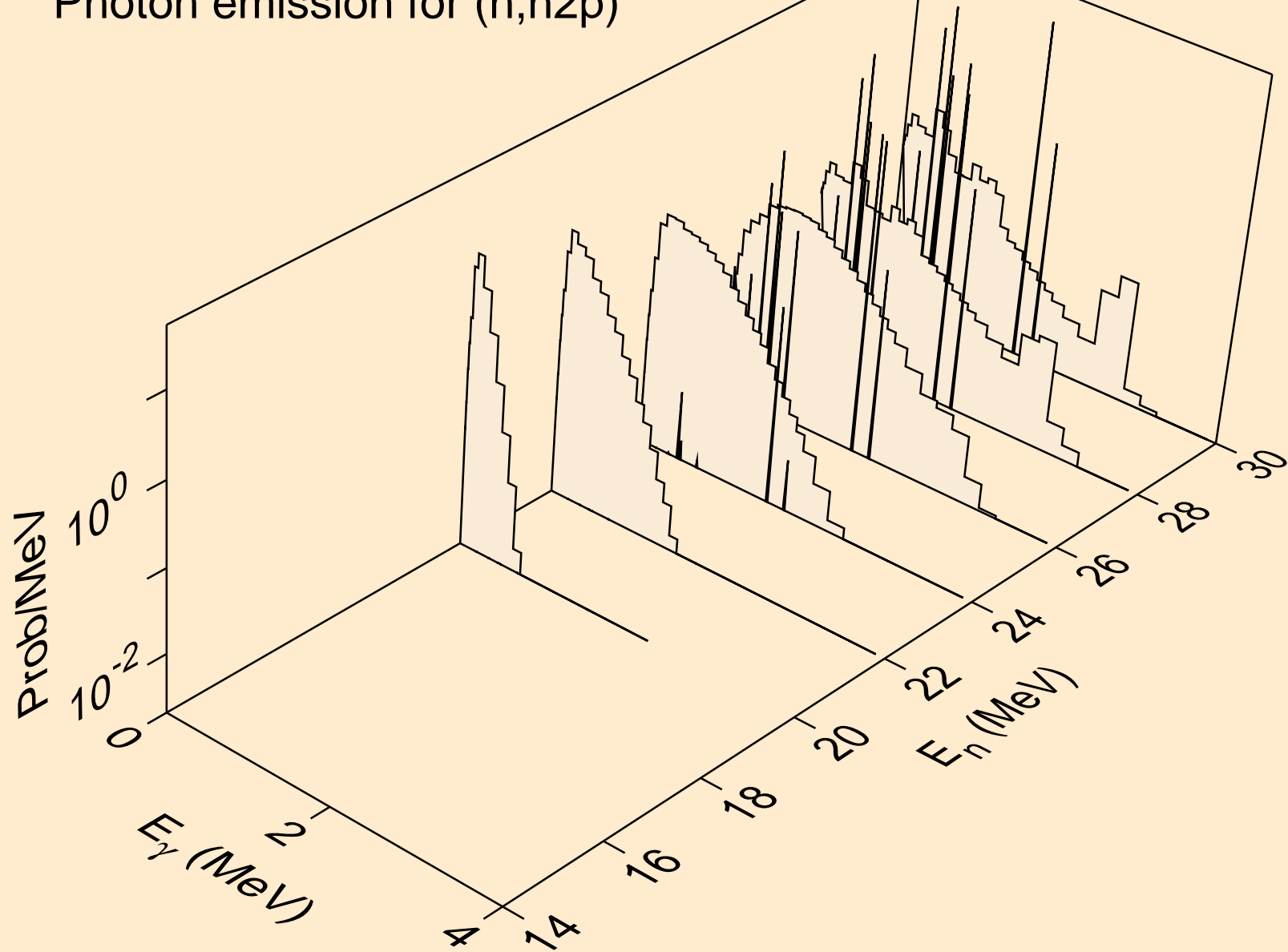
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Photon emission for (n,n\*)a



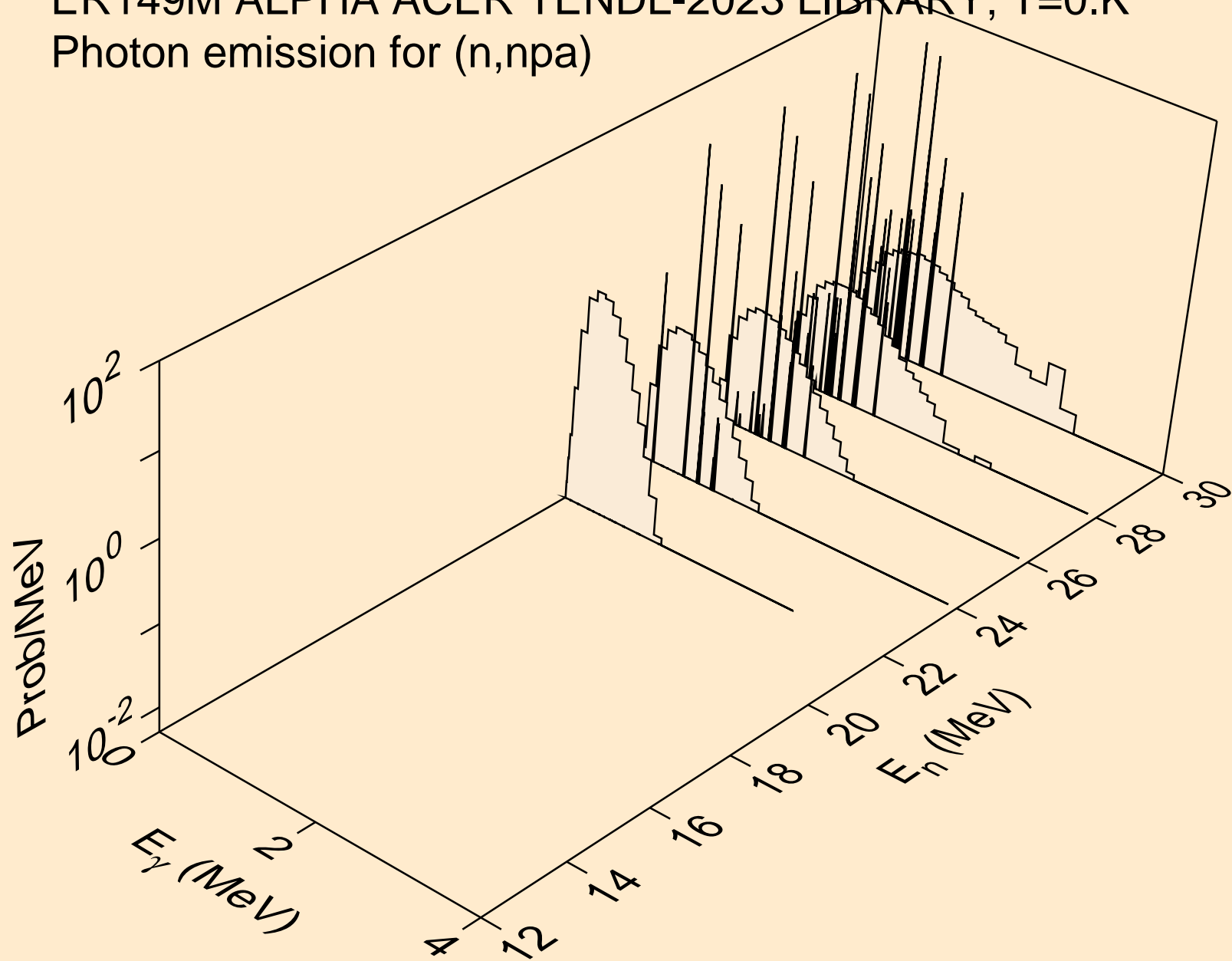
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



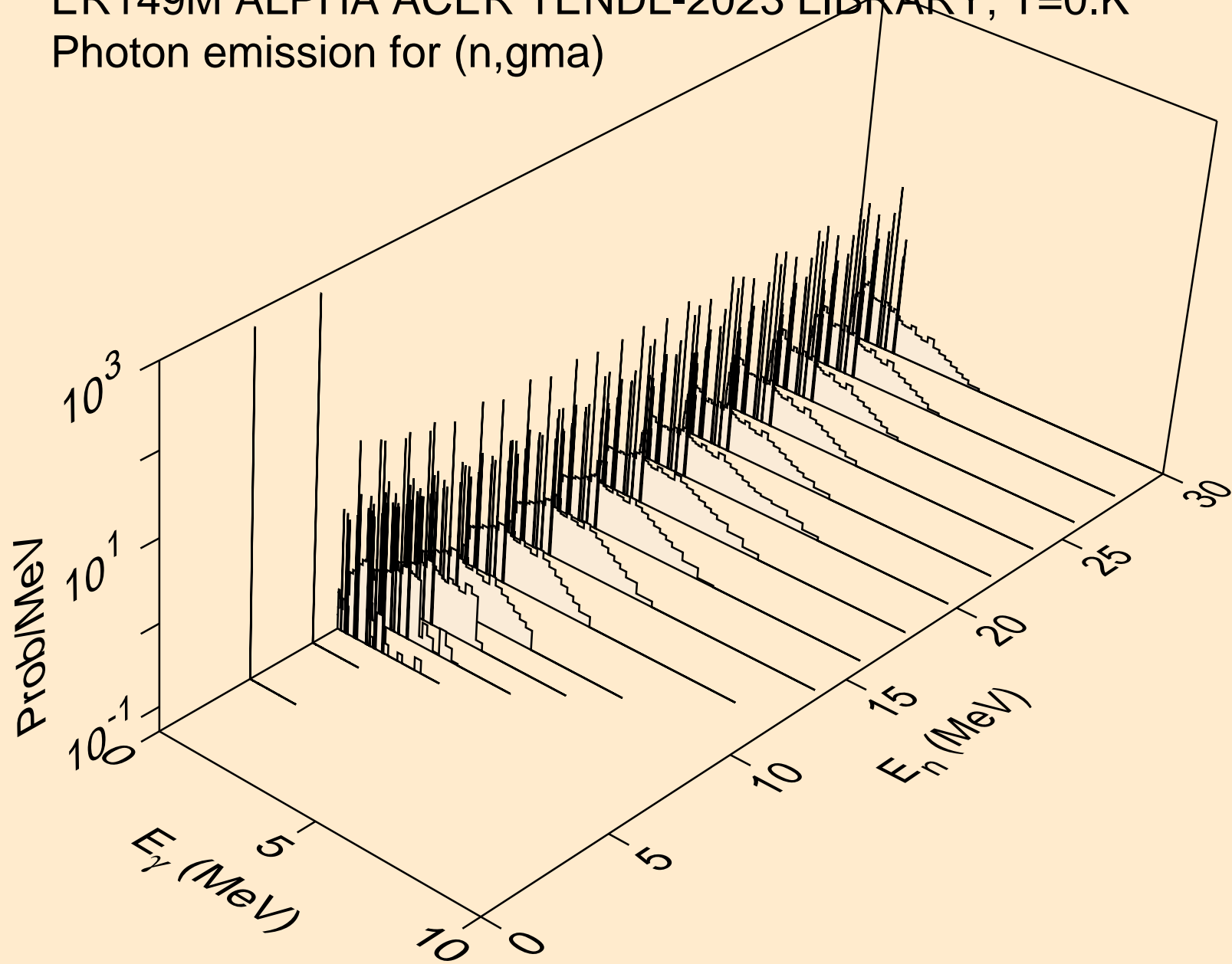
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



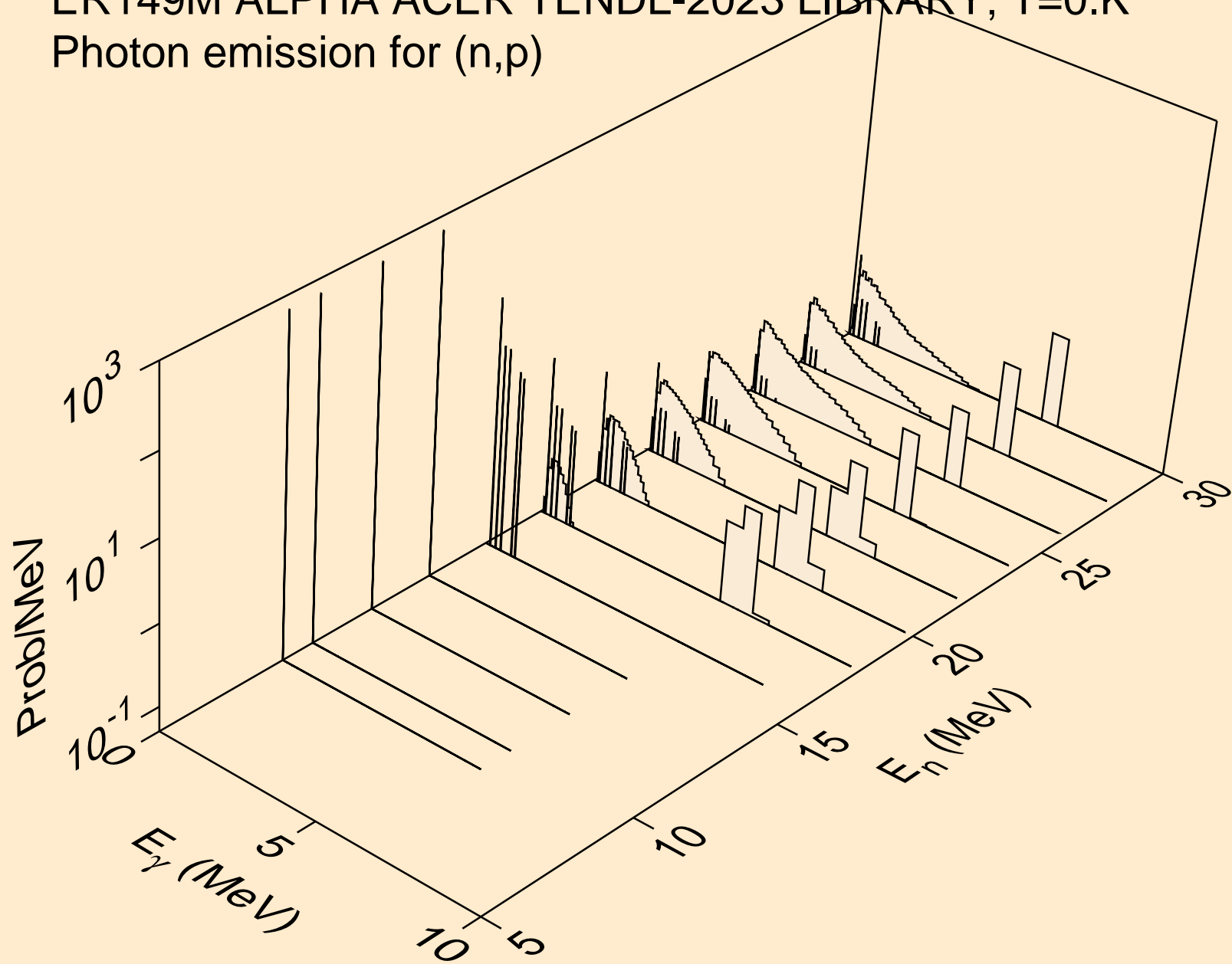
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Photon emission for (n,npa)



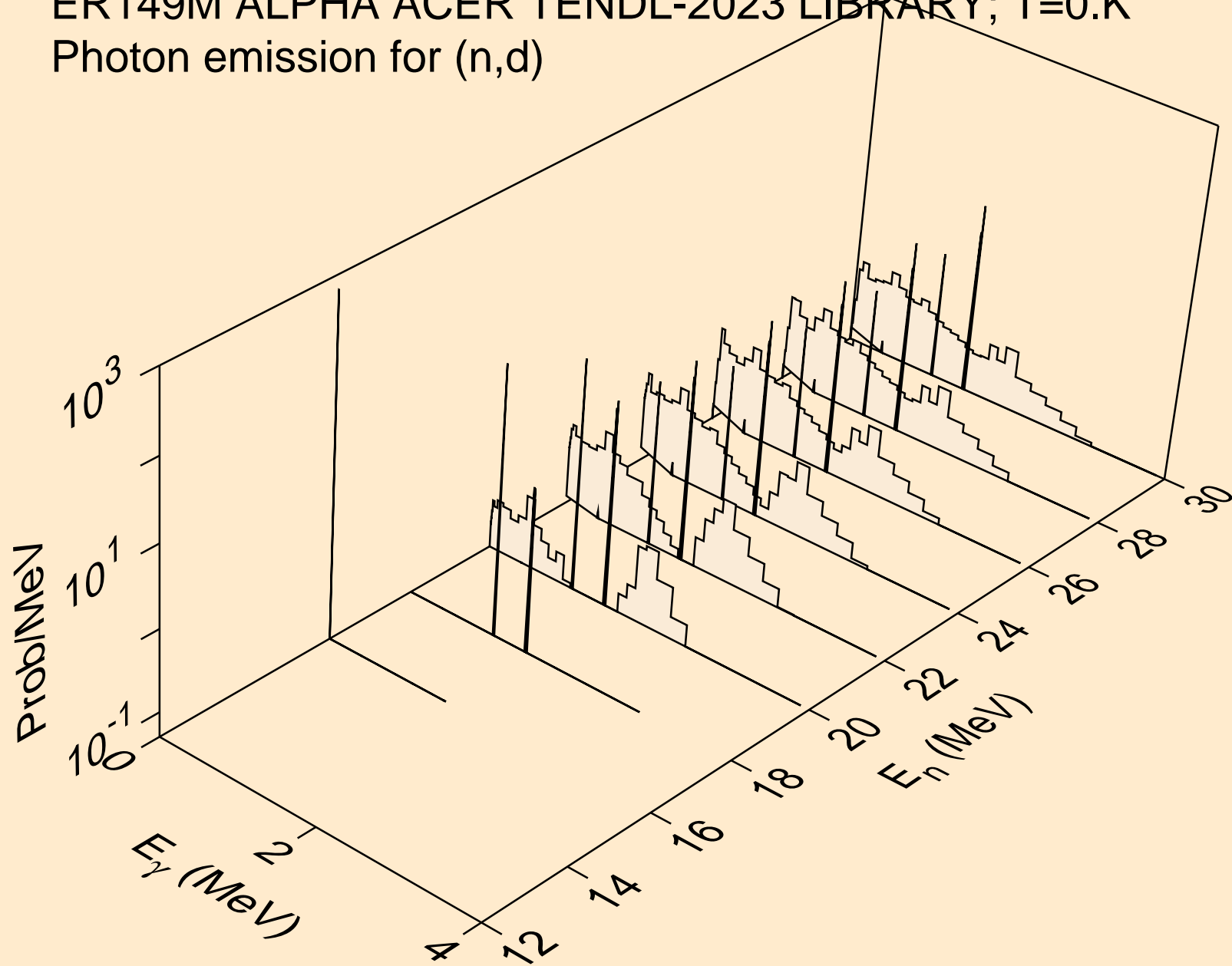
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Photon emission for (n,gma)



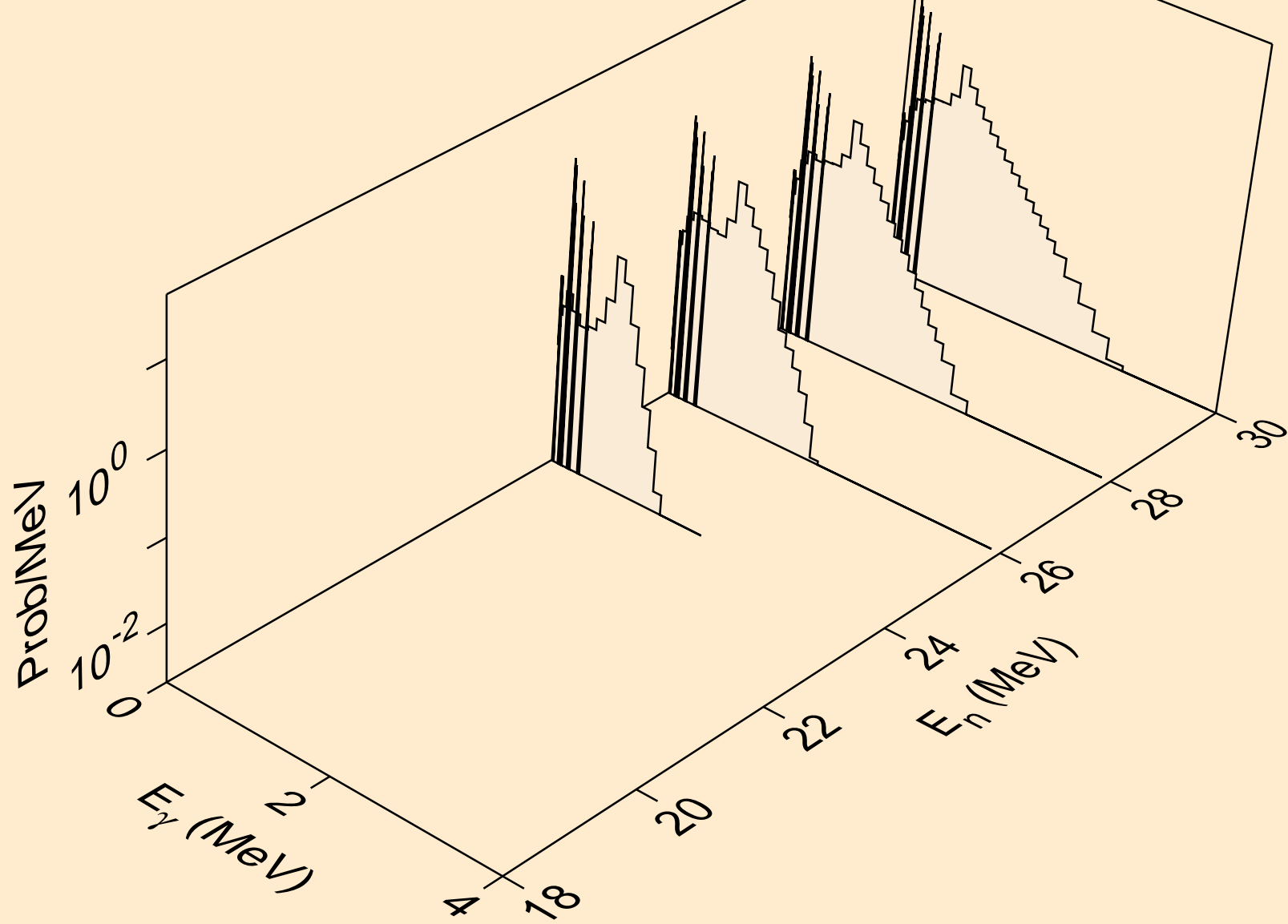
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

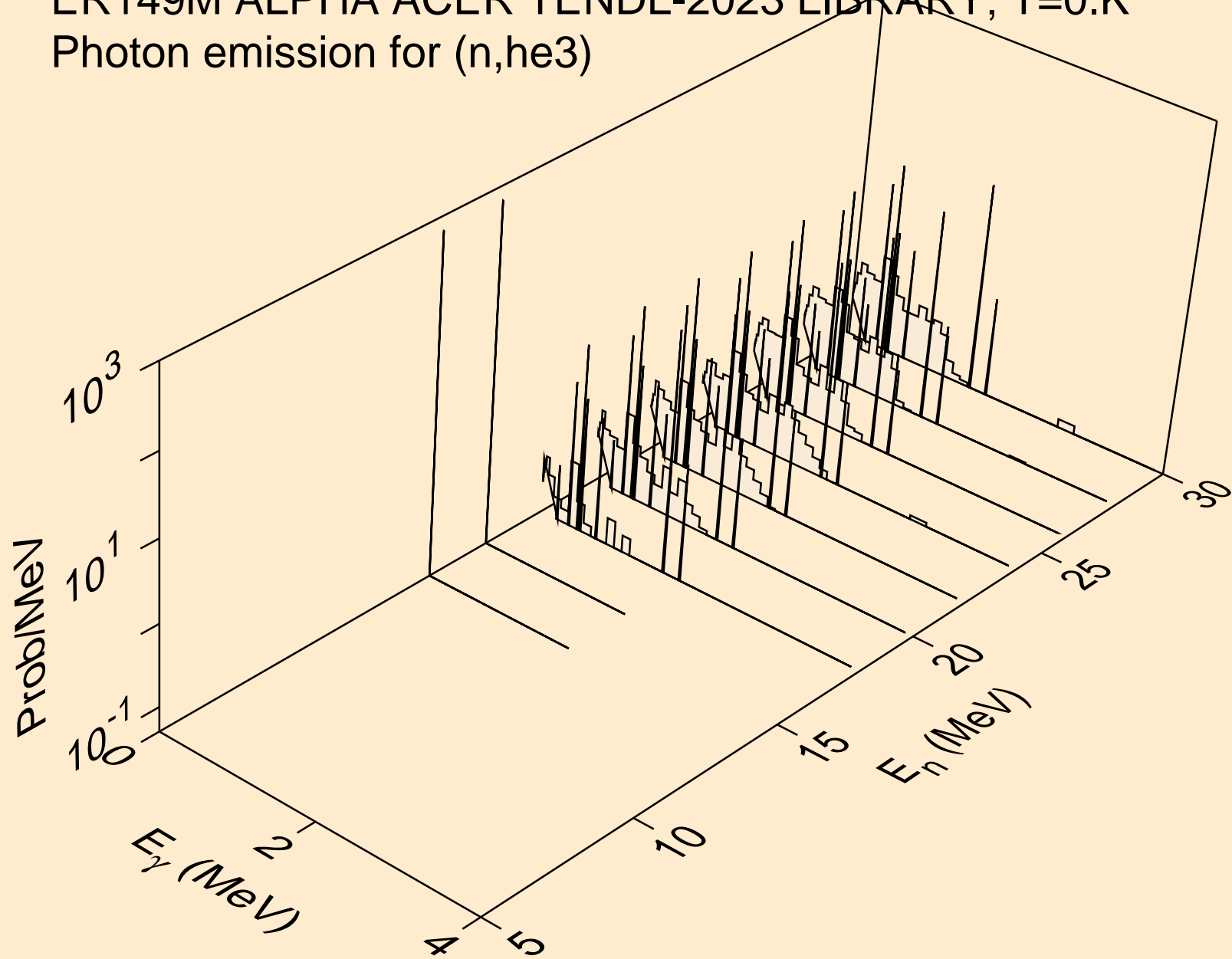


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Photon emission for (n,t)

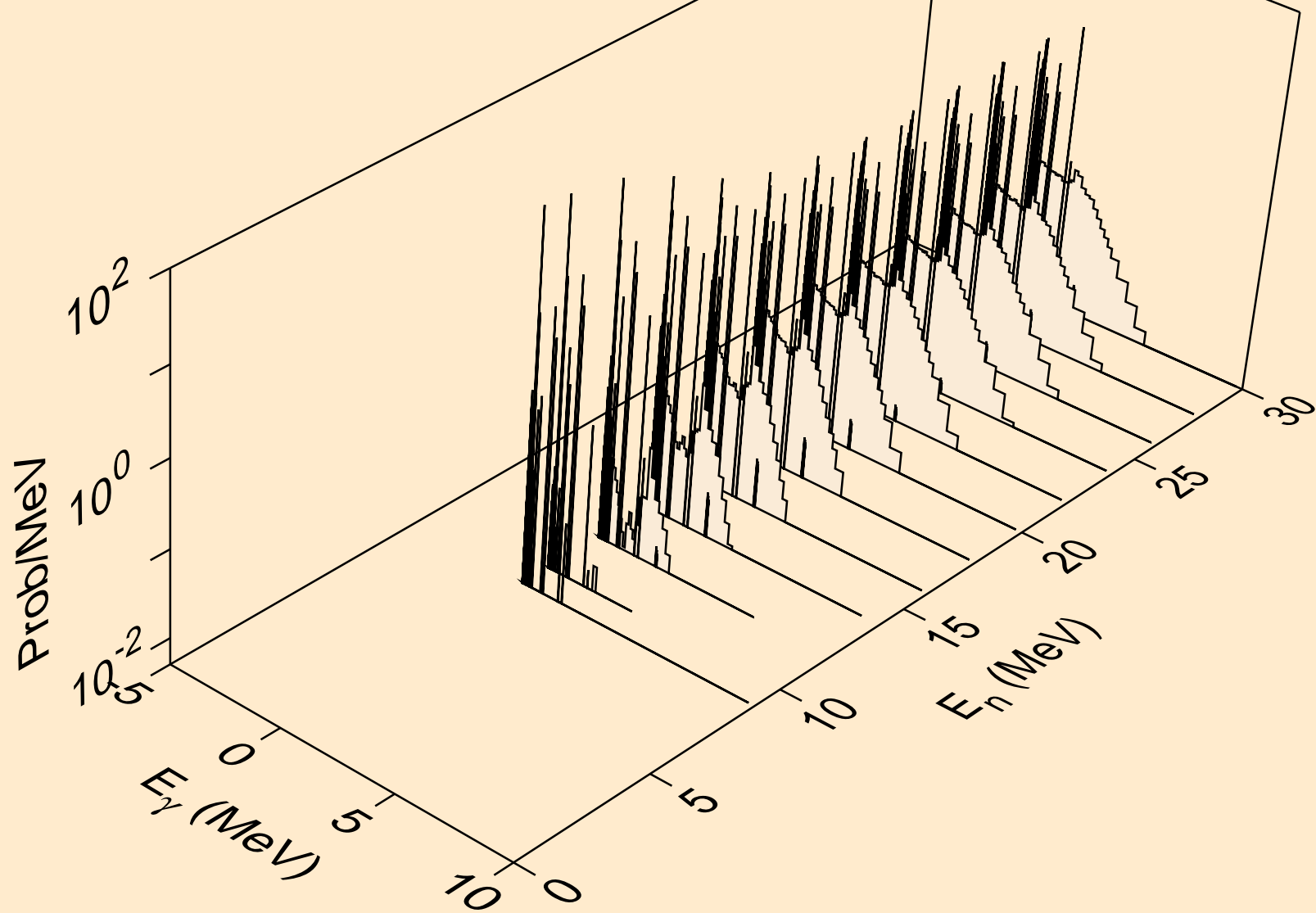




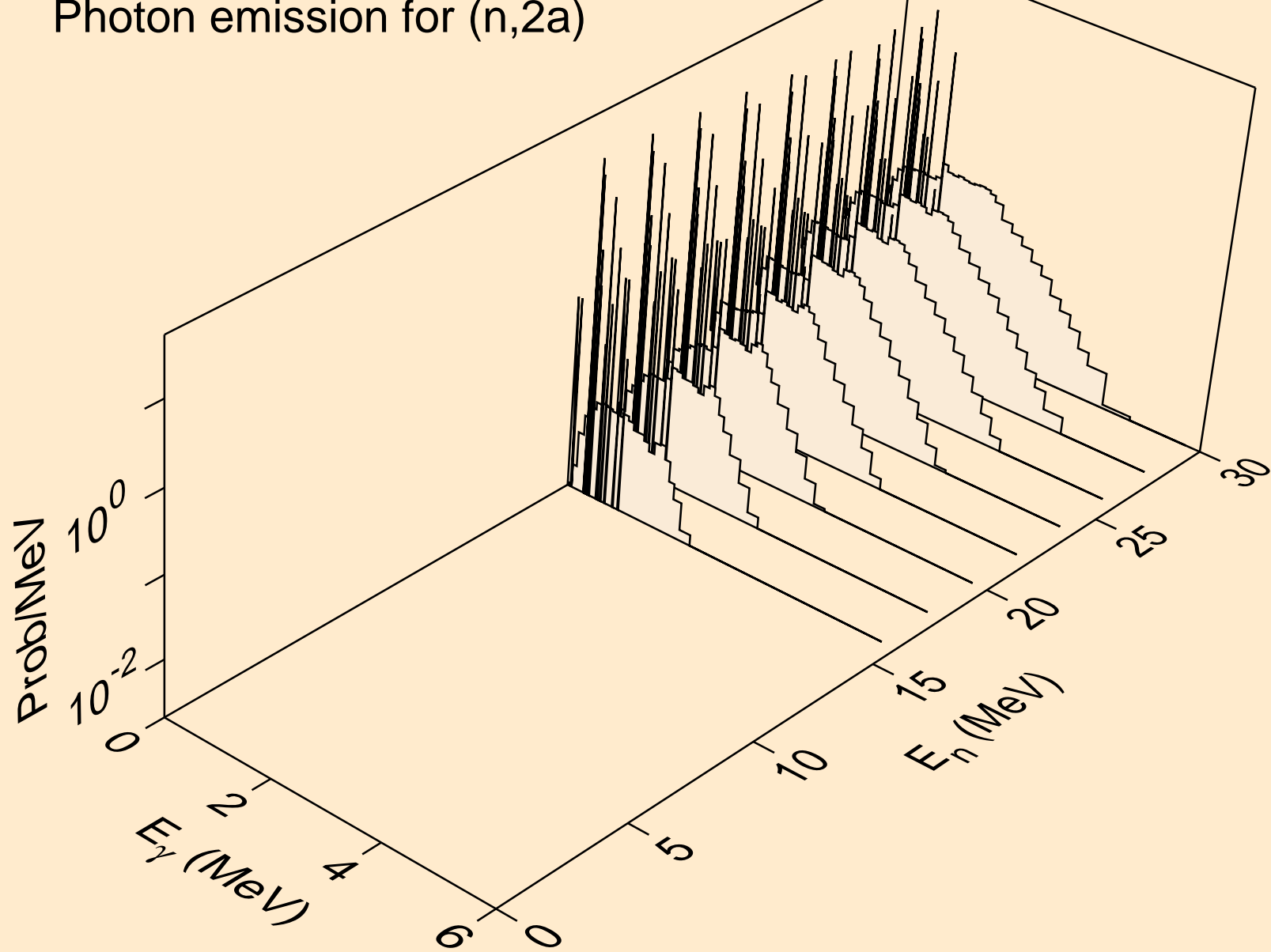
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Photon emission for (n,he3)



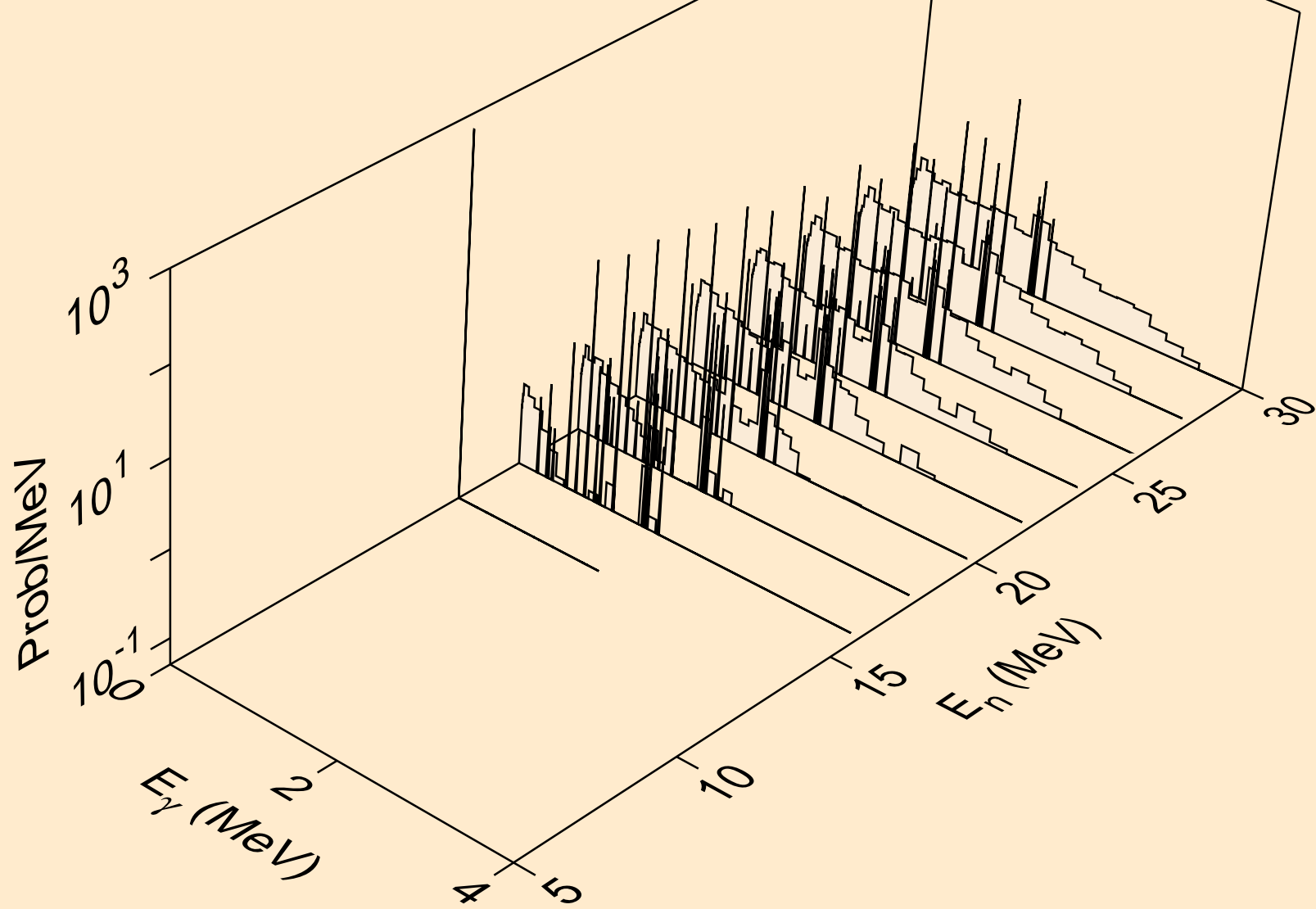
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



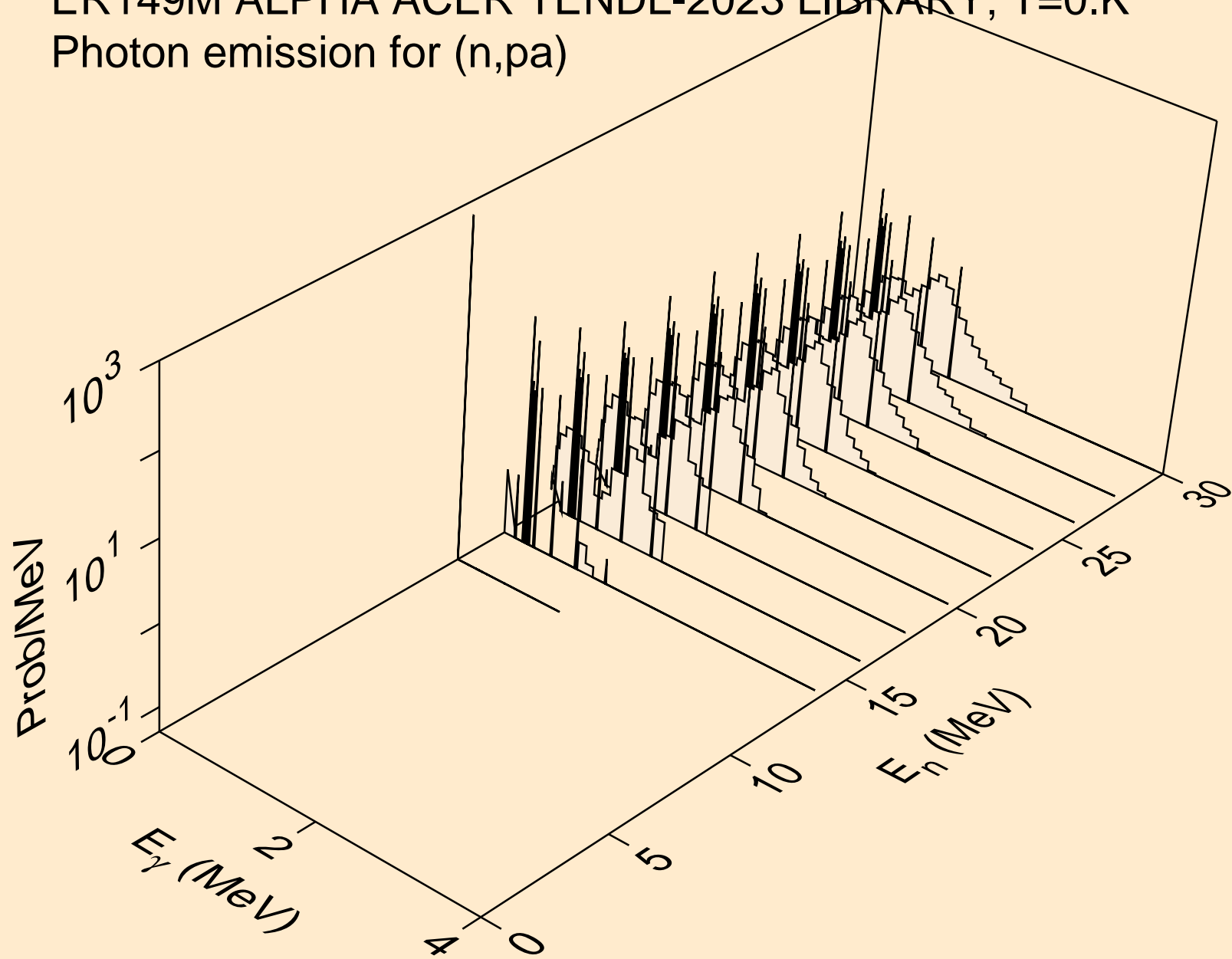
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Photon emission for (n,2a)



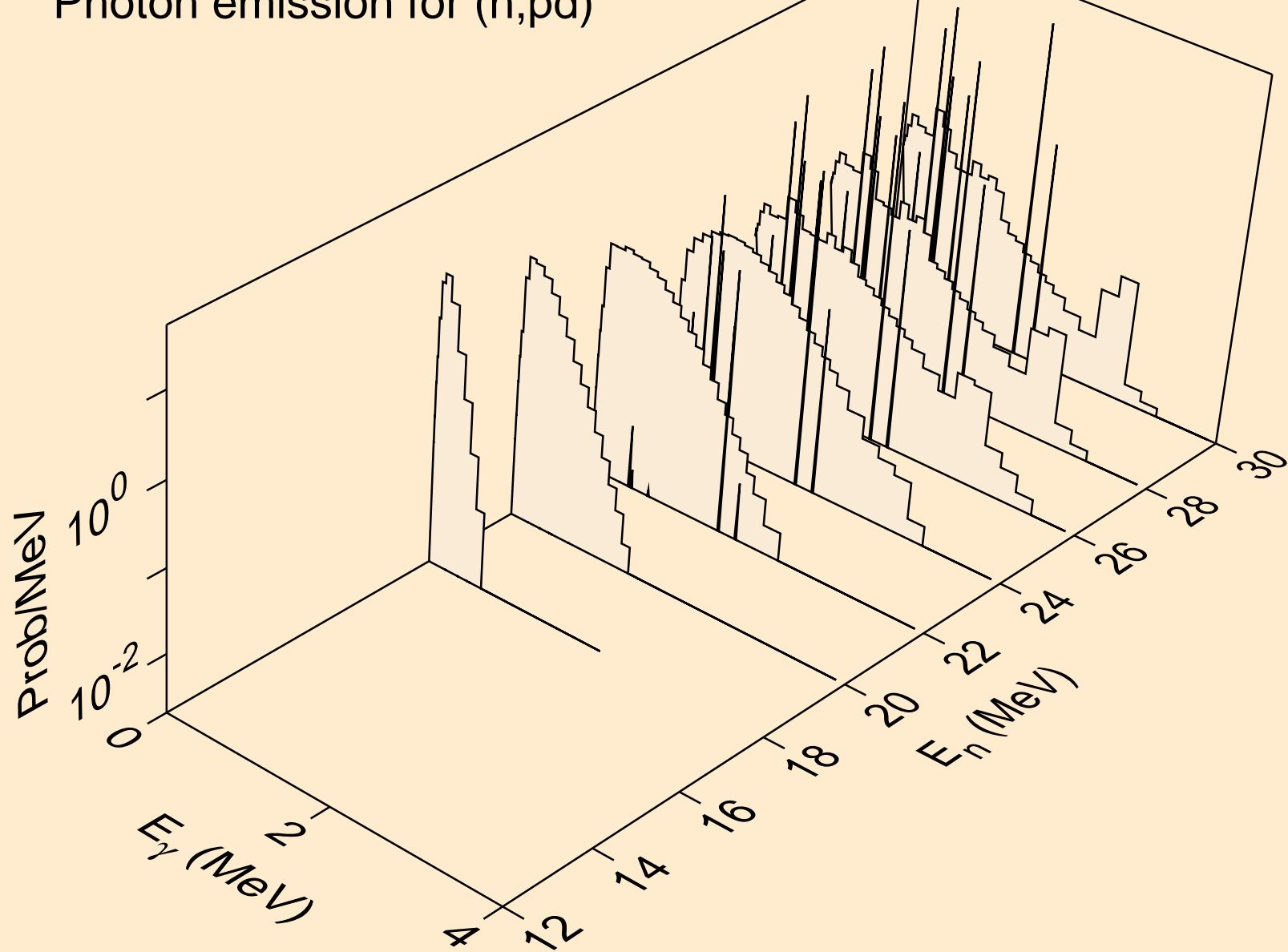
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Photon emission for (n,2p)



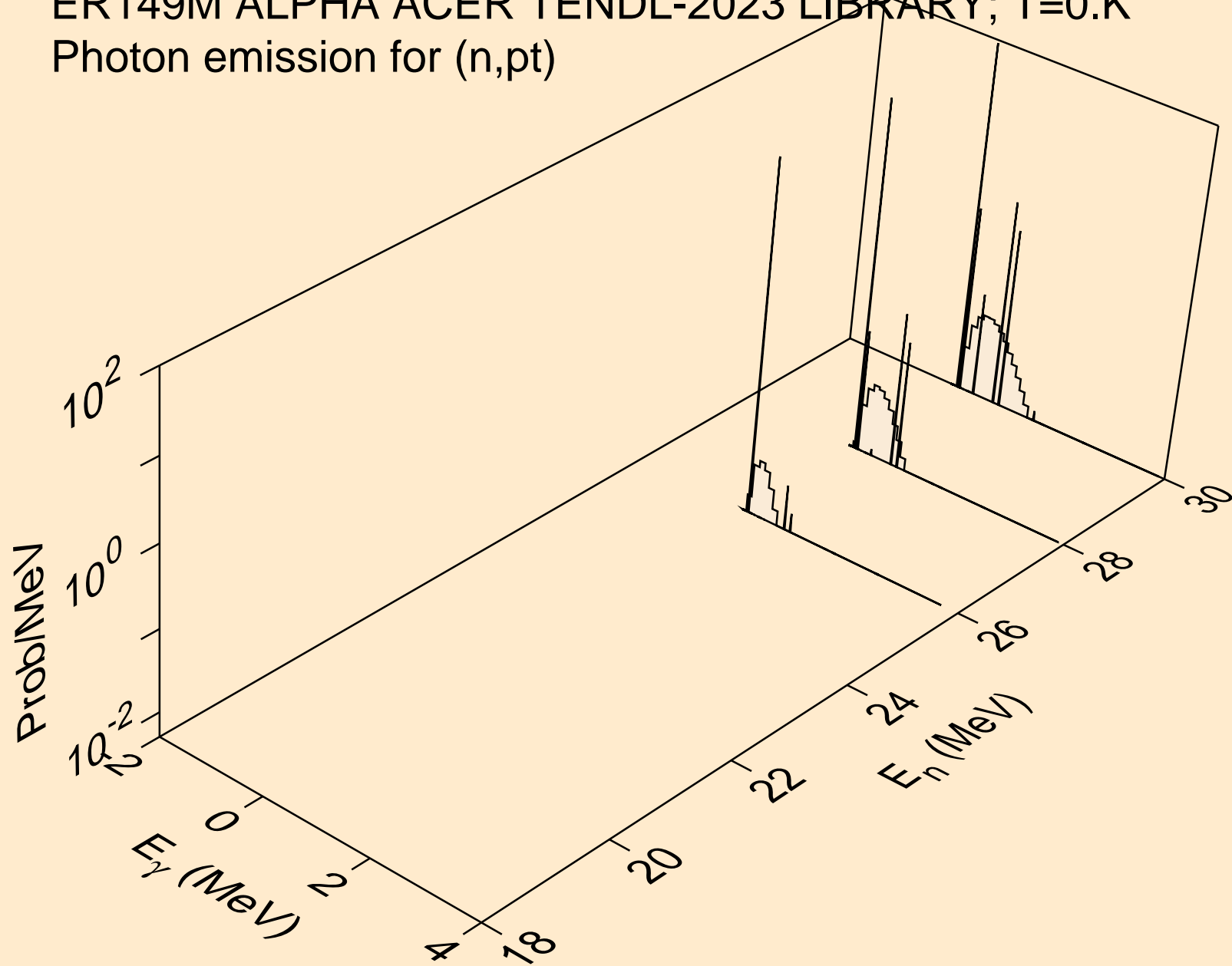
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



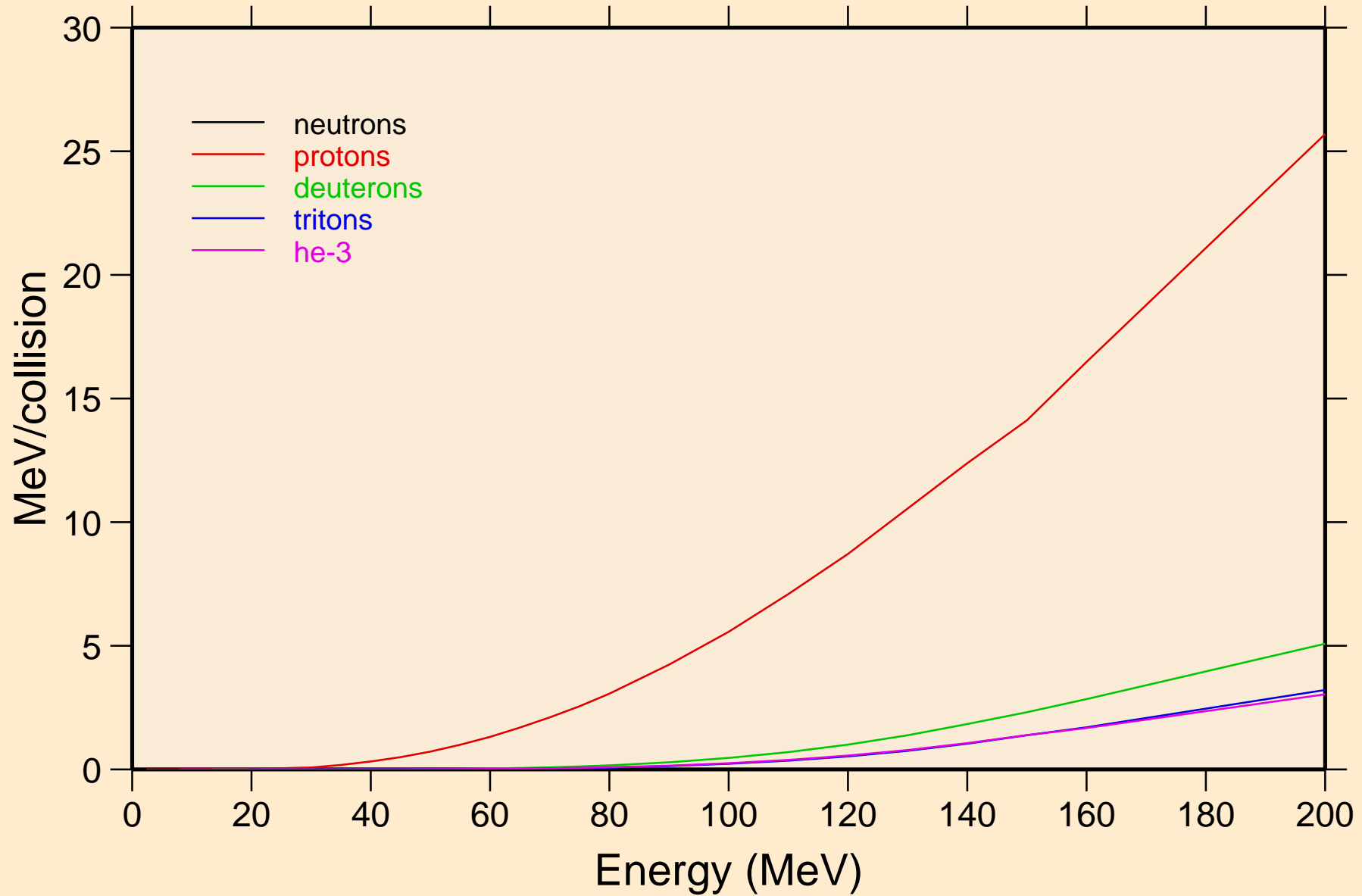
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



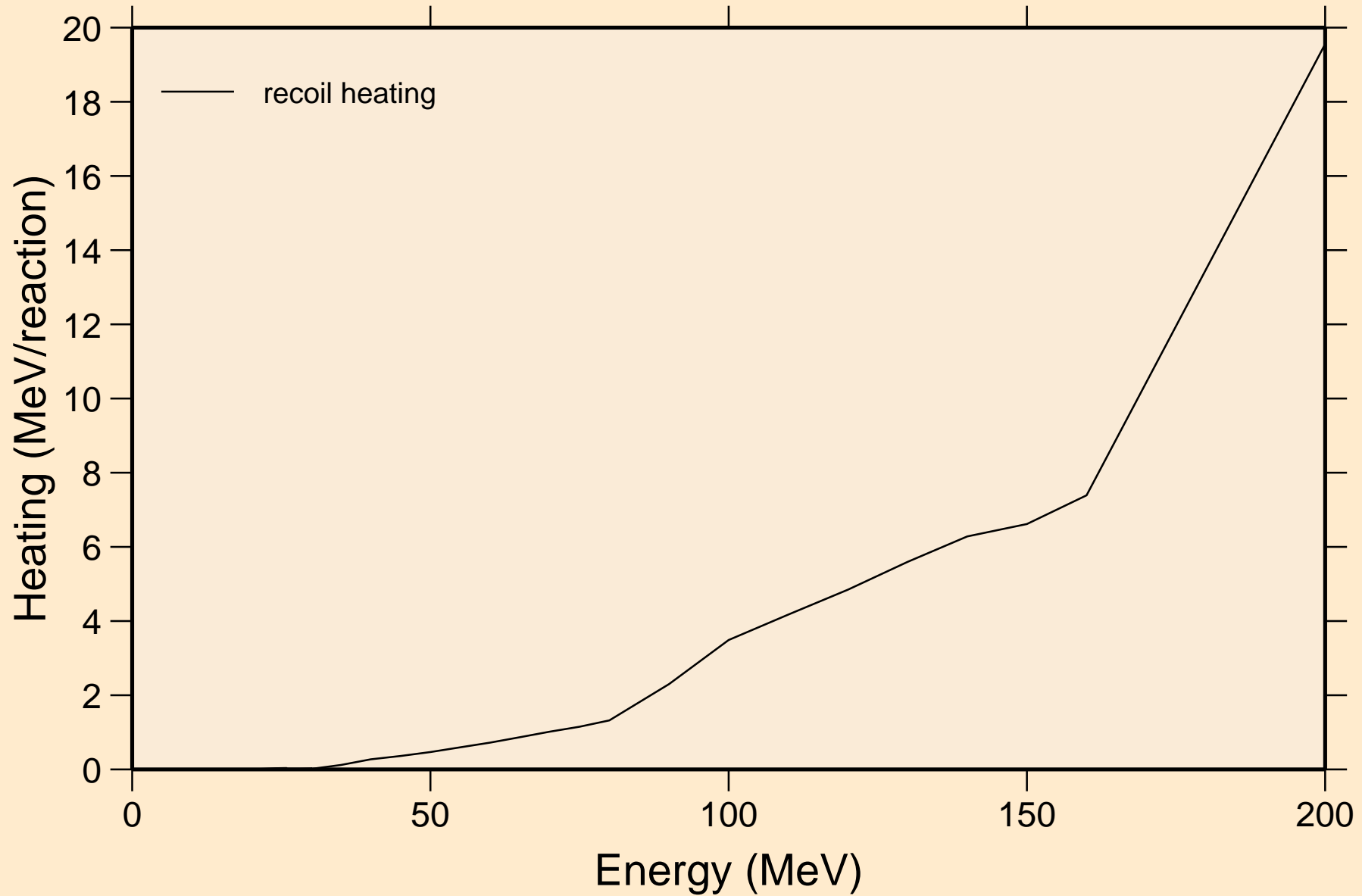
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



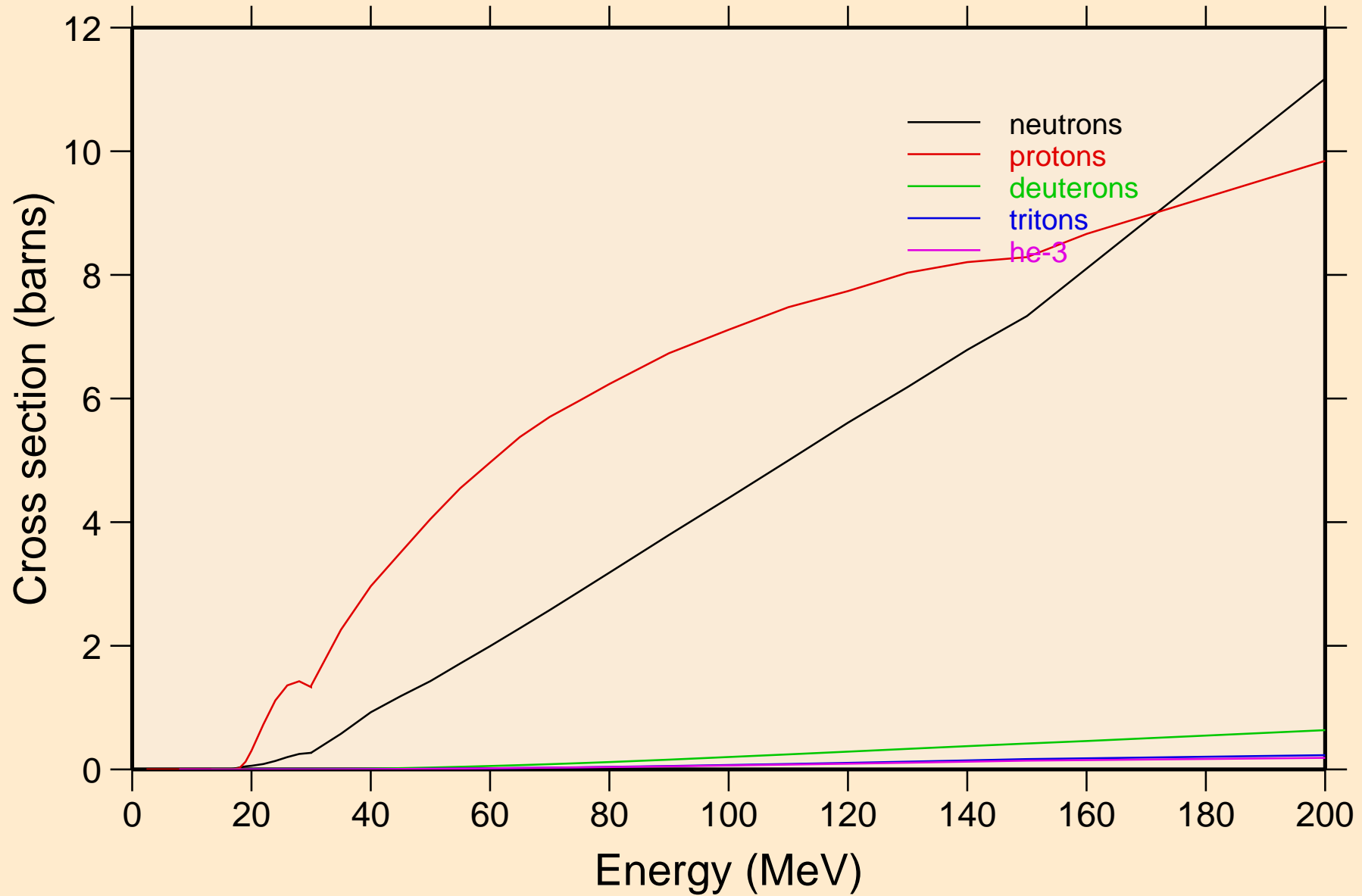


ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

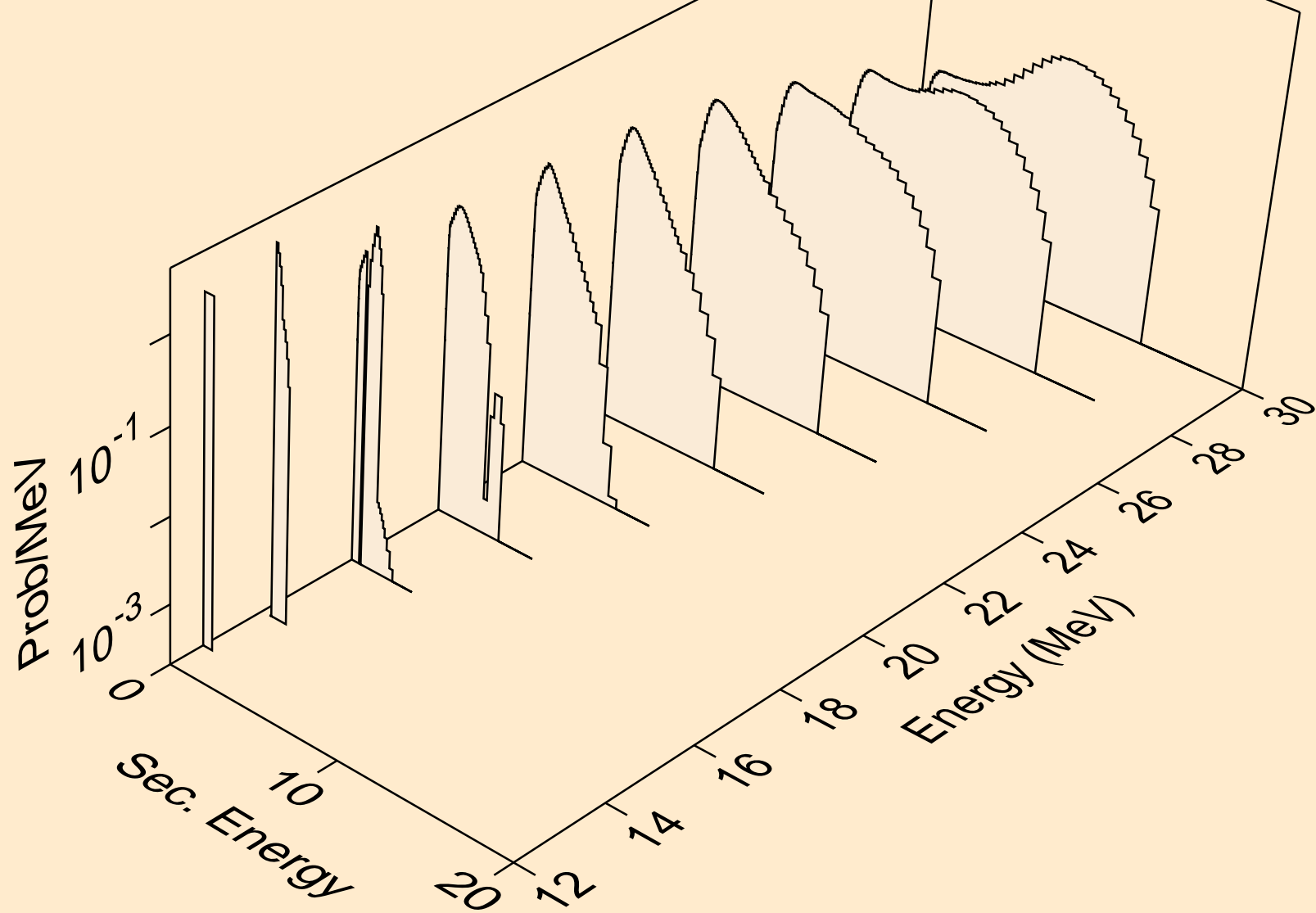
### Recoil Heating



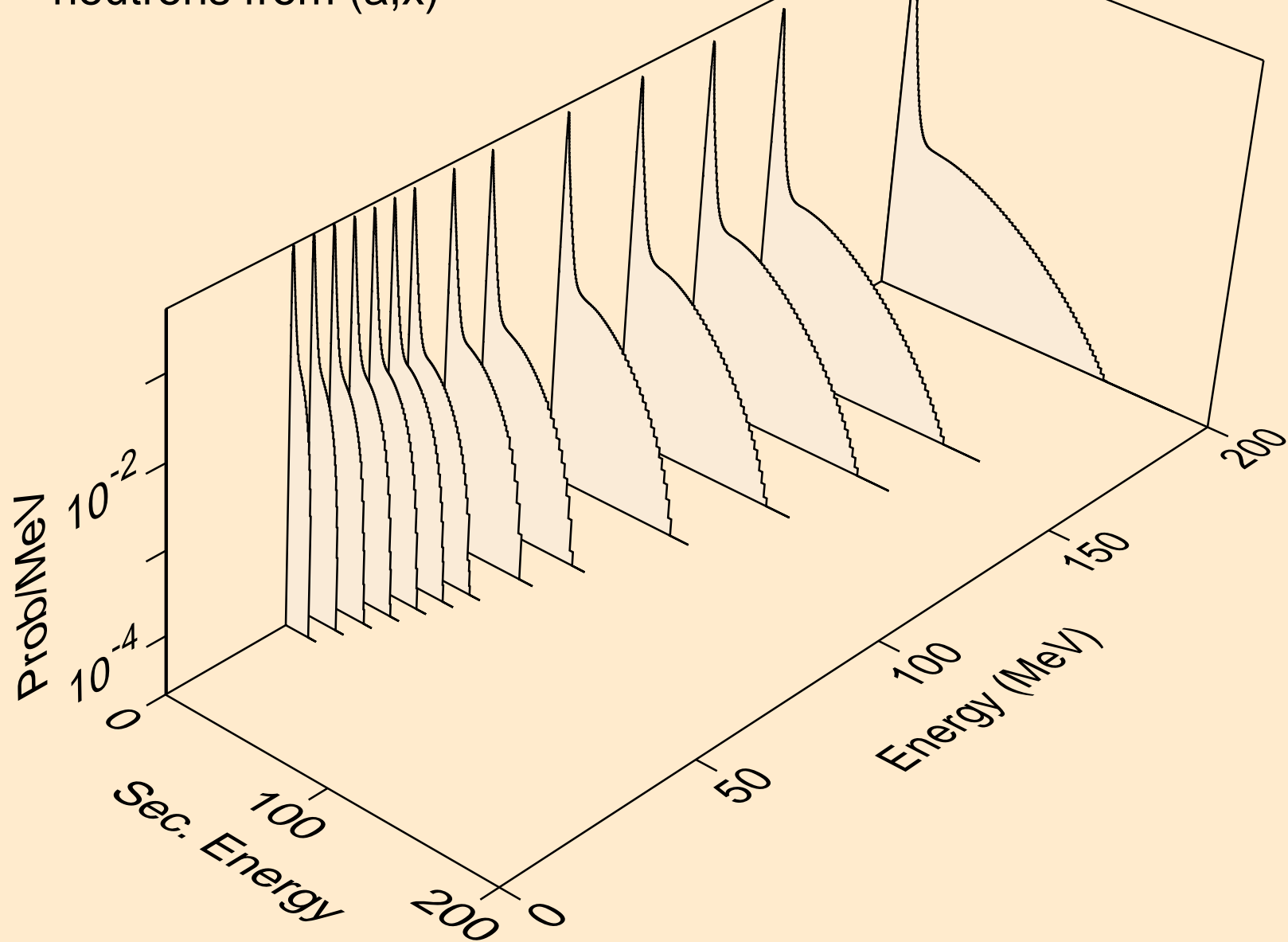
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



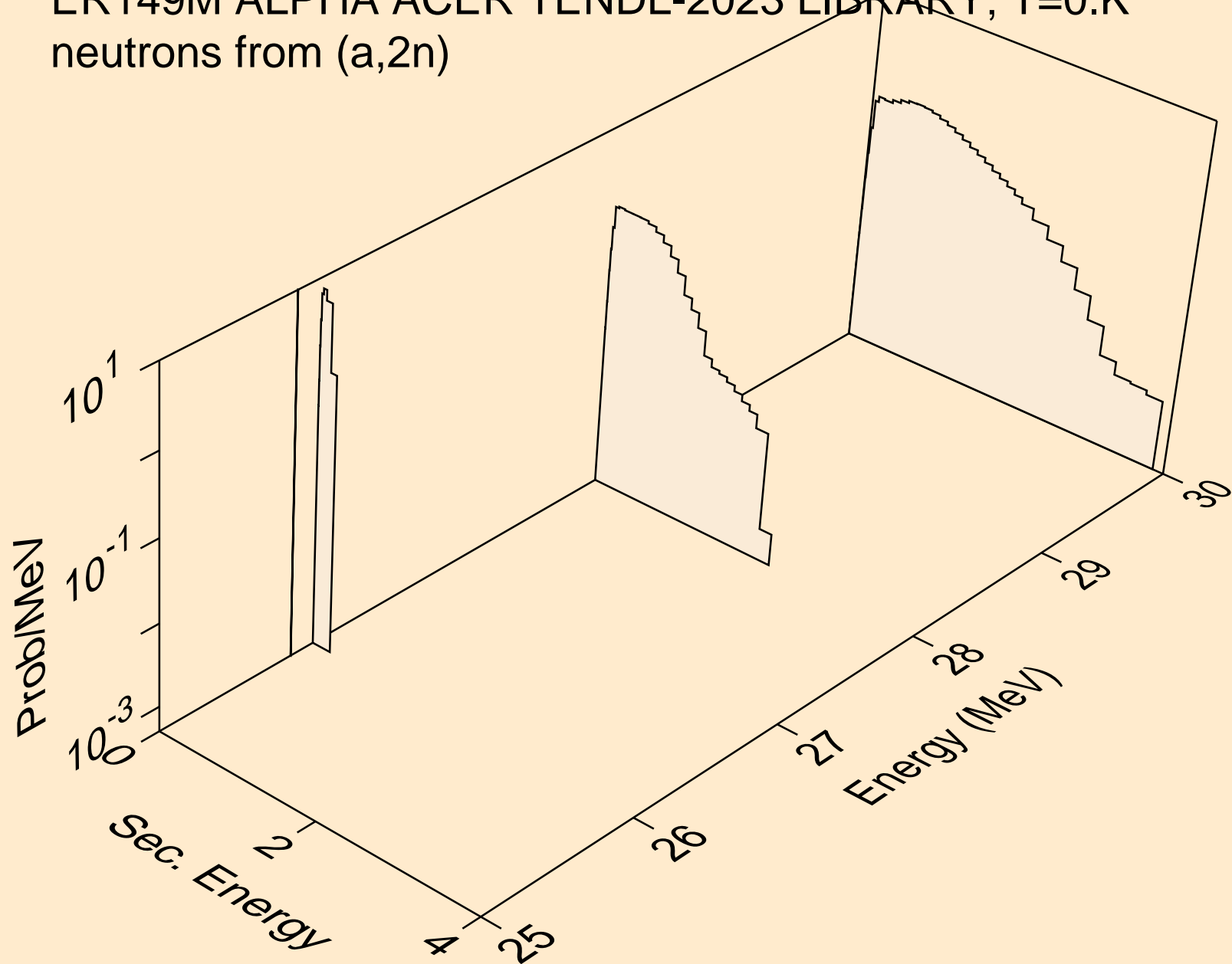
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



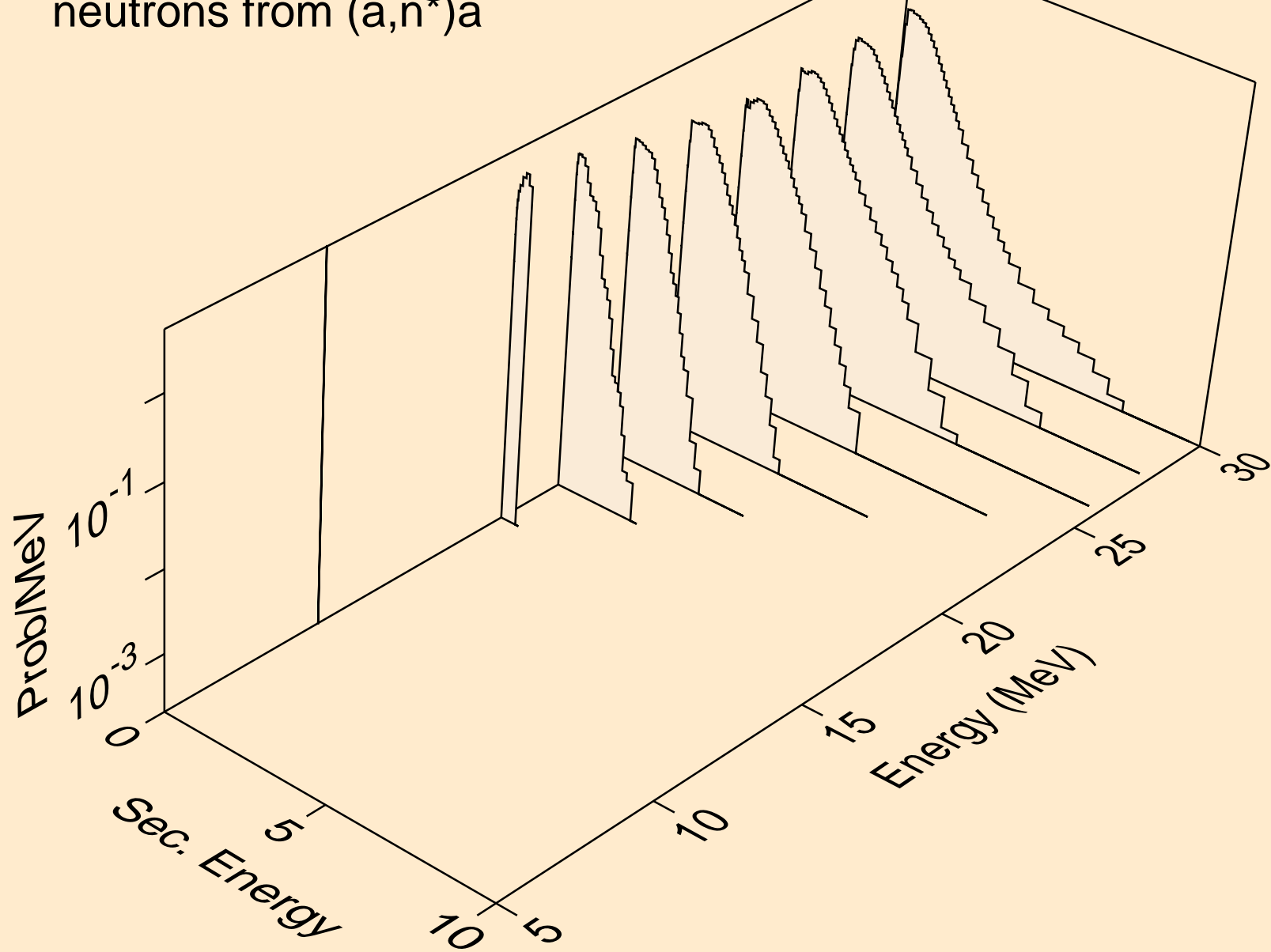
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



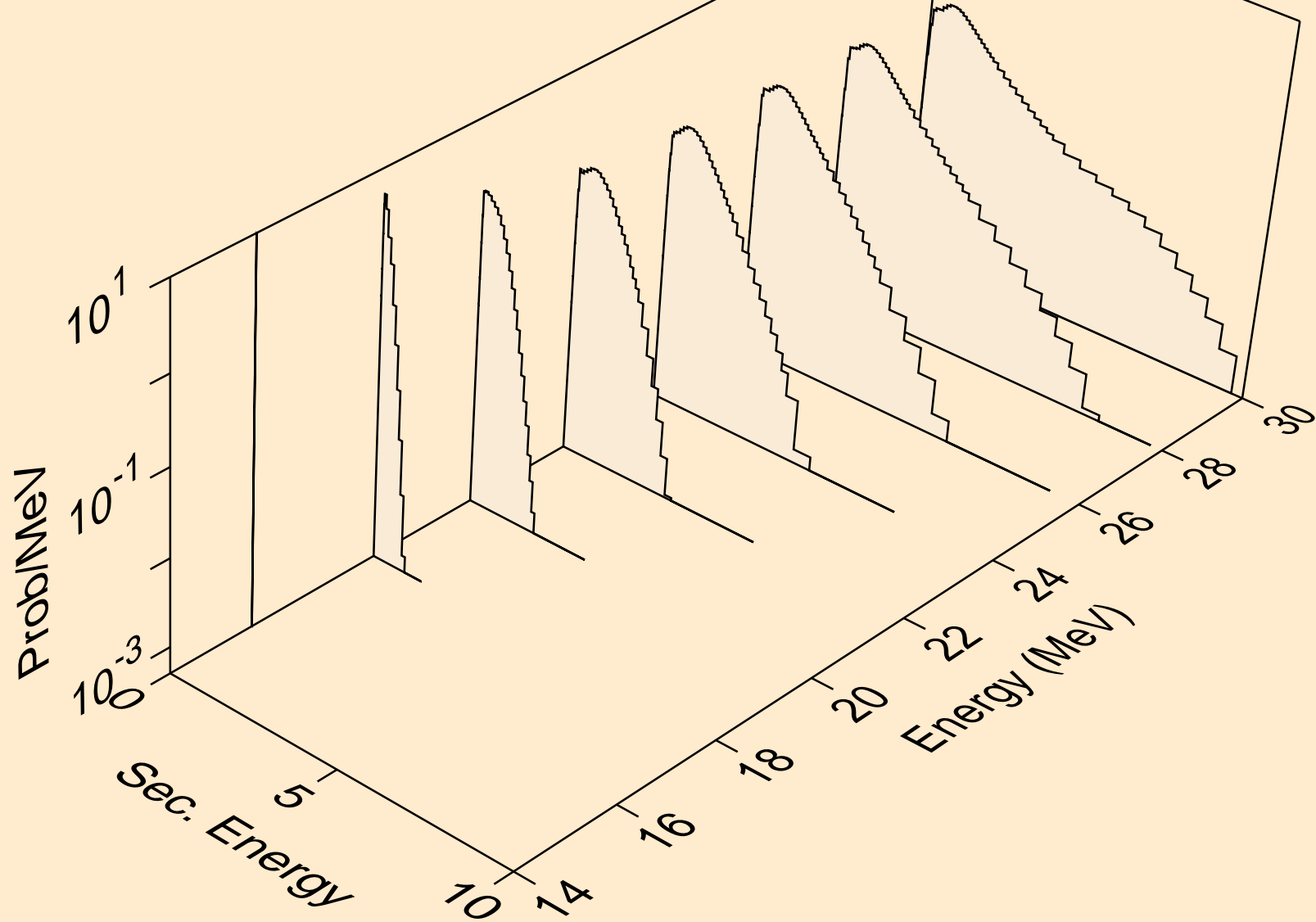
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



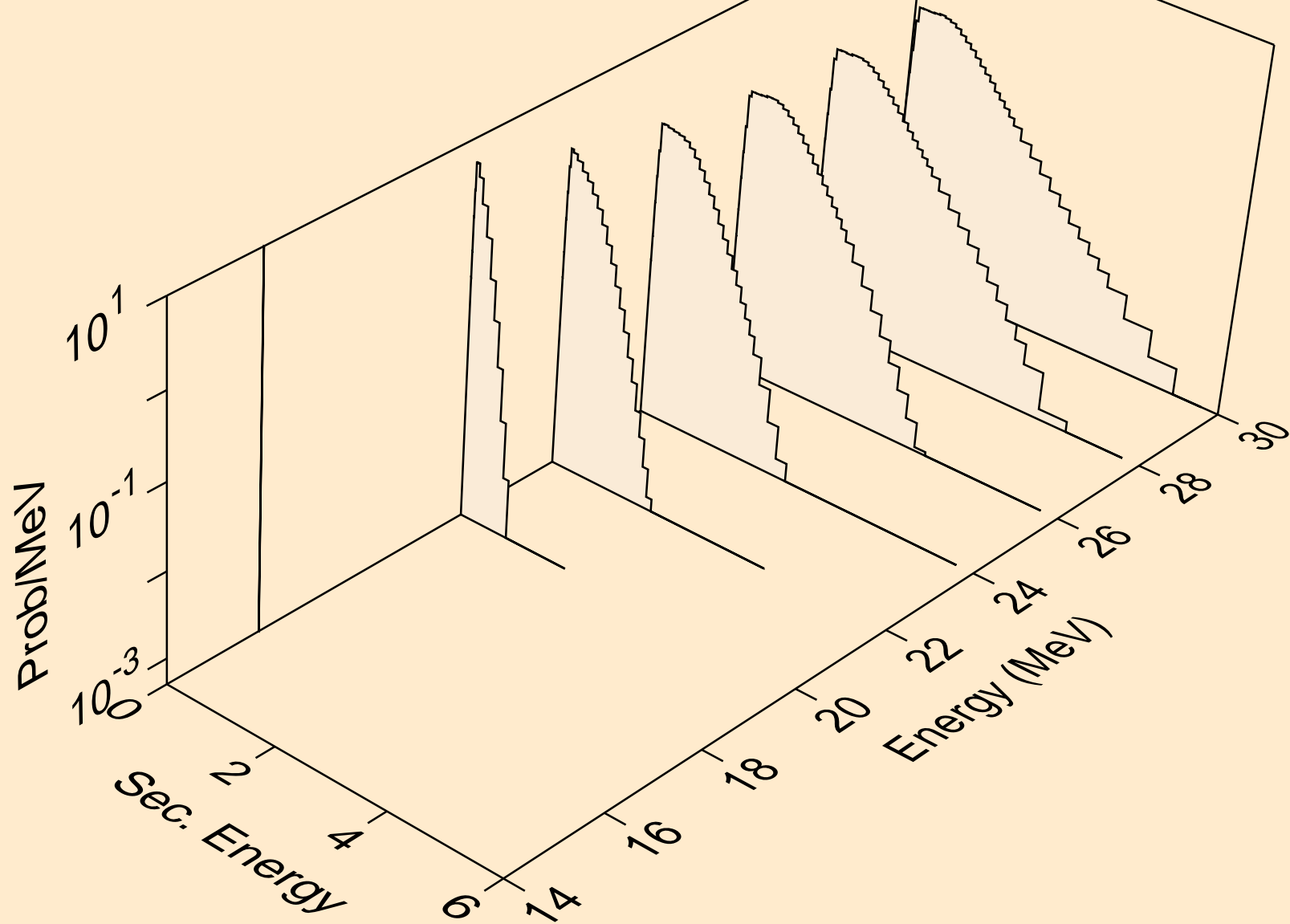
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

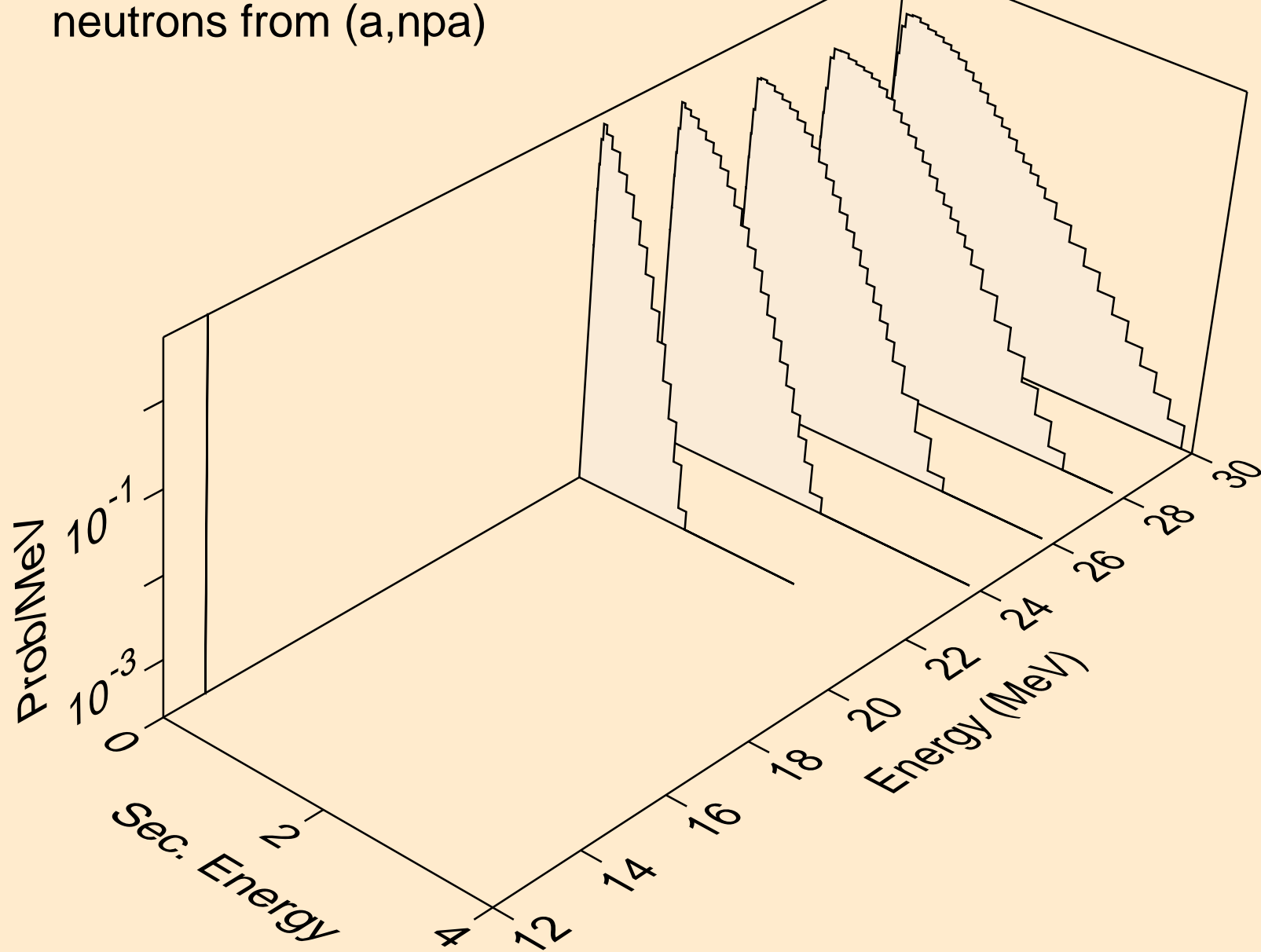


ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)

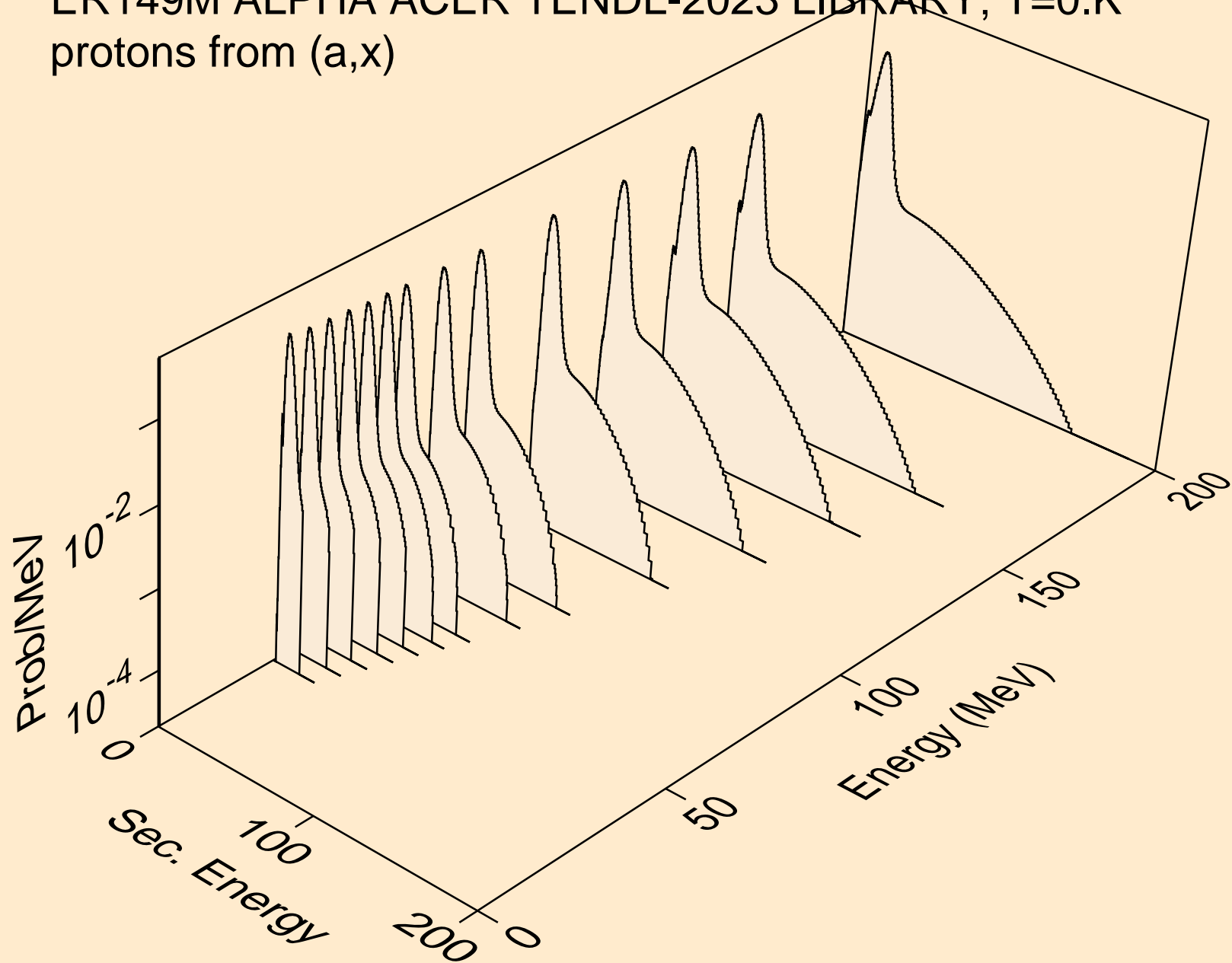




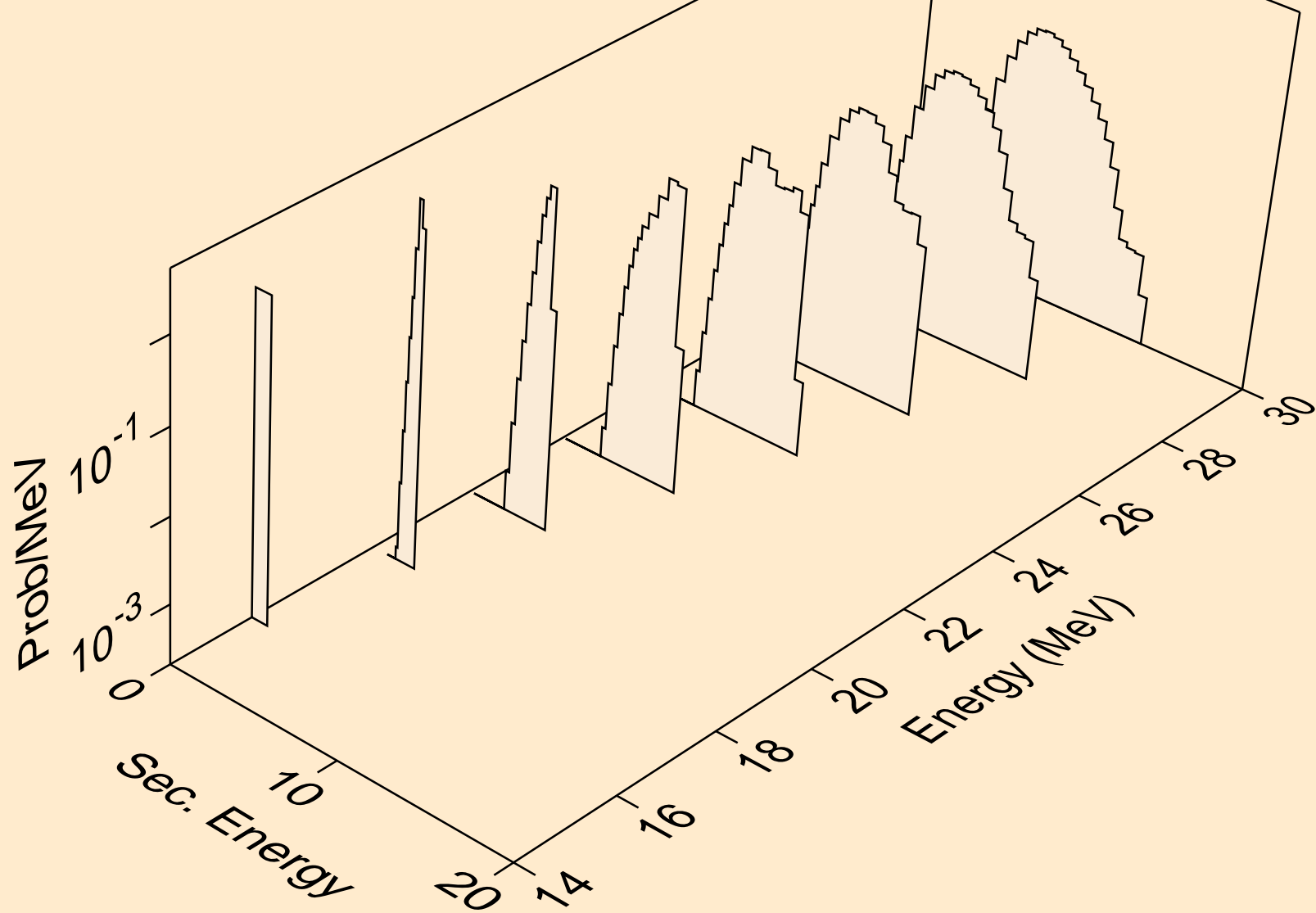
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neutrons from (a,npa)



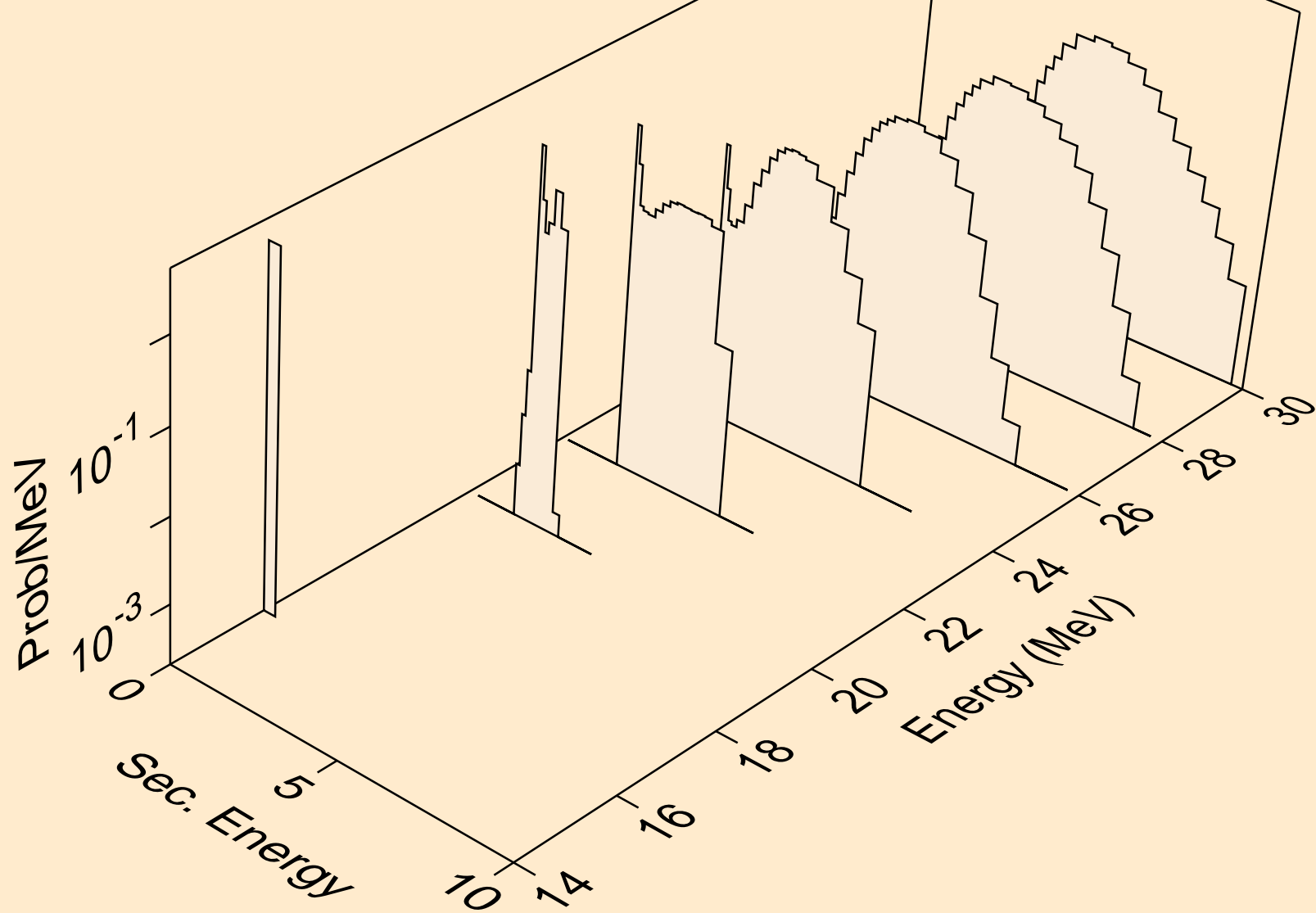
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protons from (a,x)



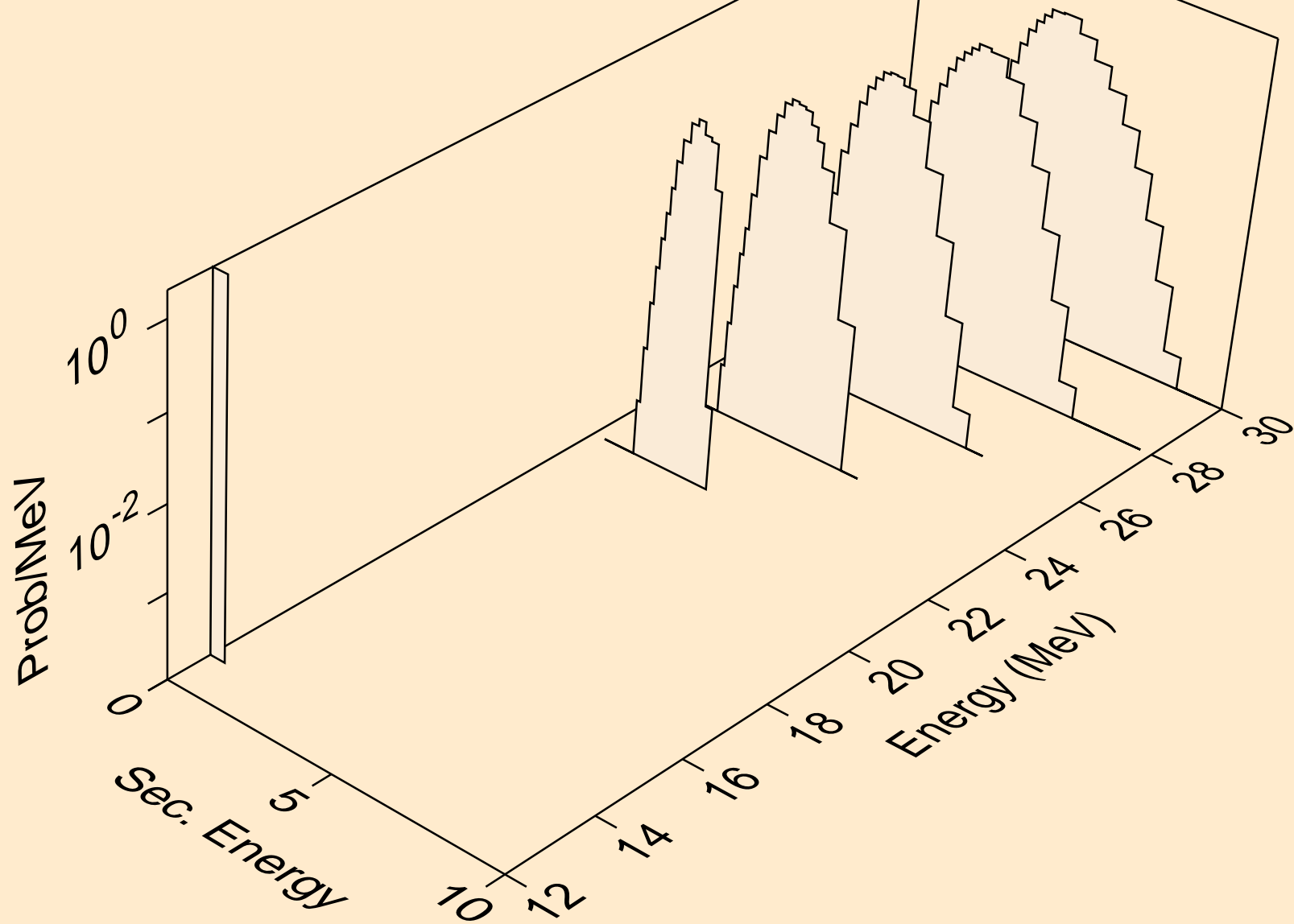
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protons from (a,n\*)p



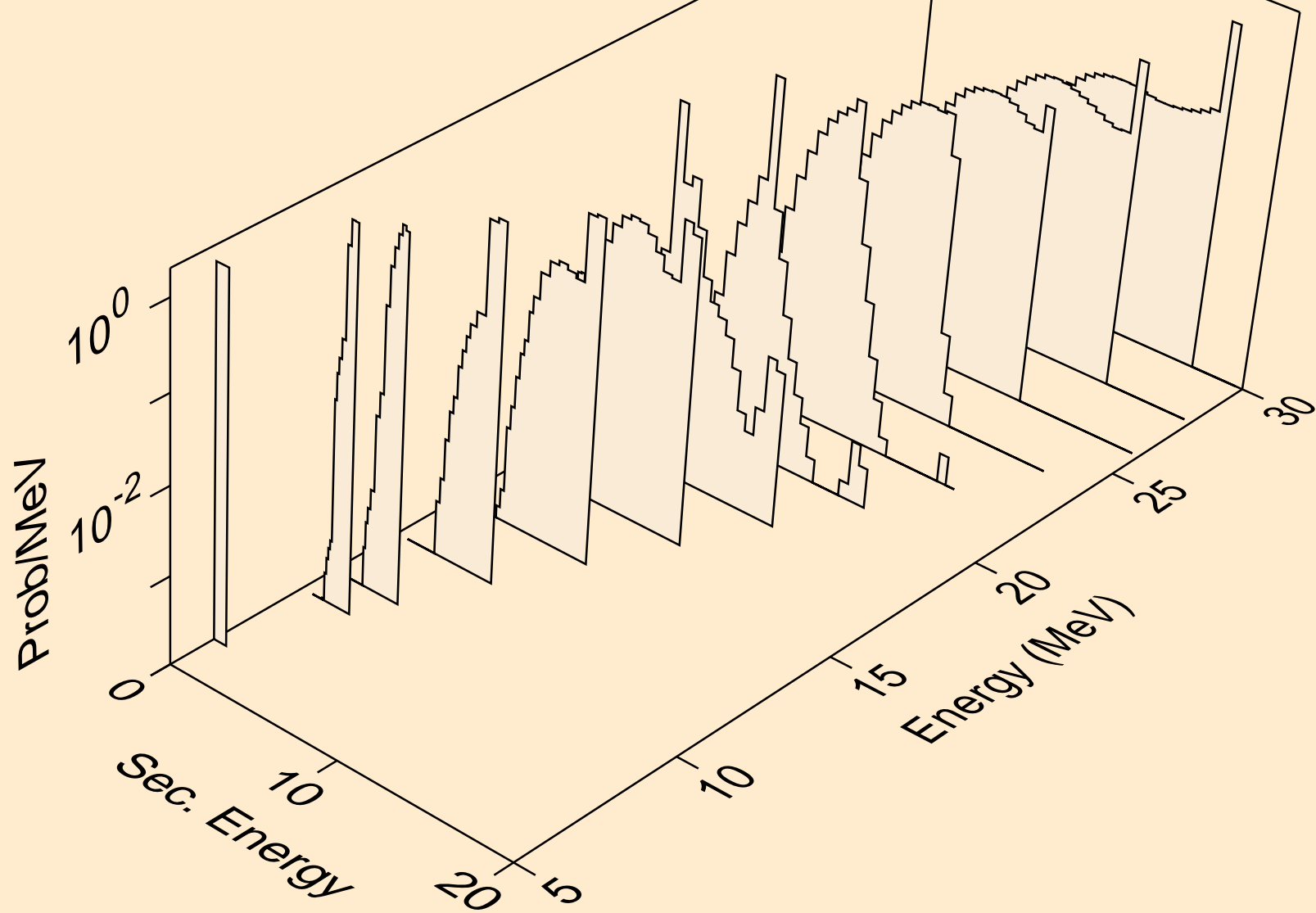
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protons from (a,n2p)



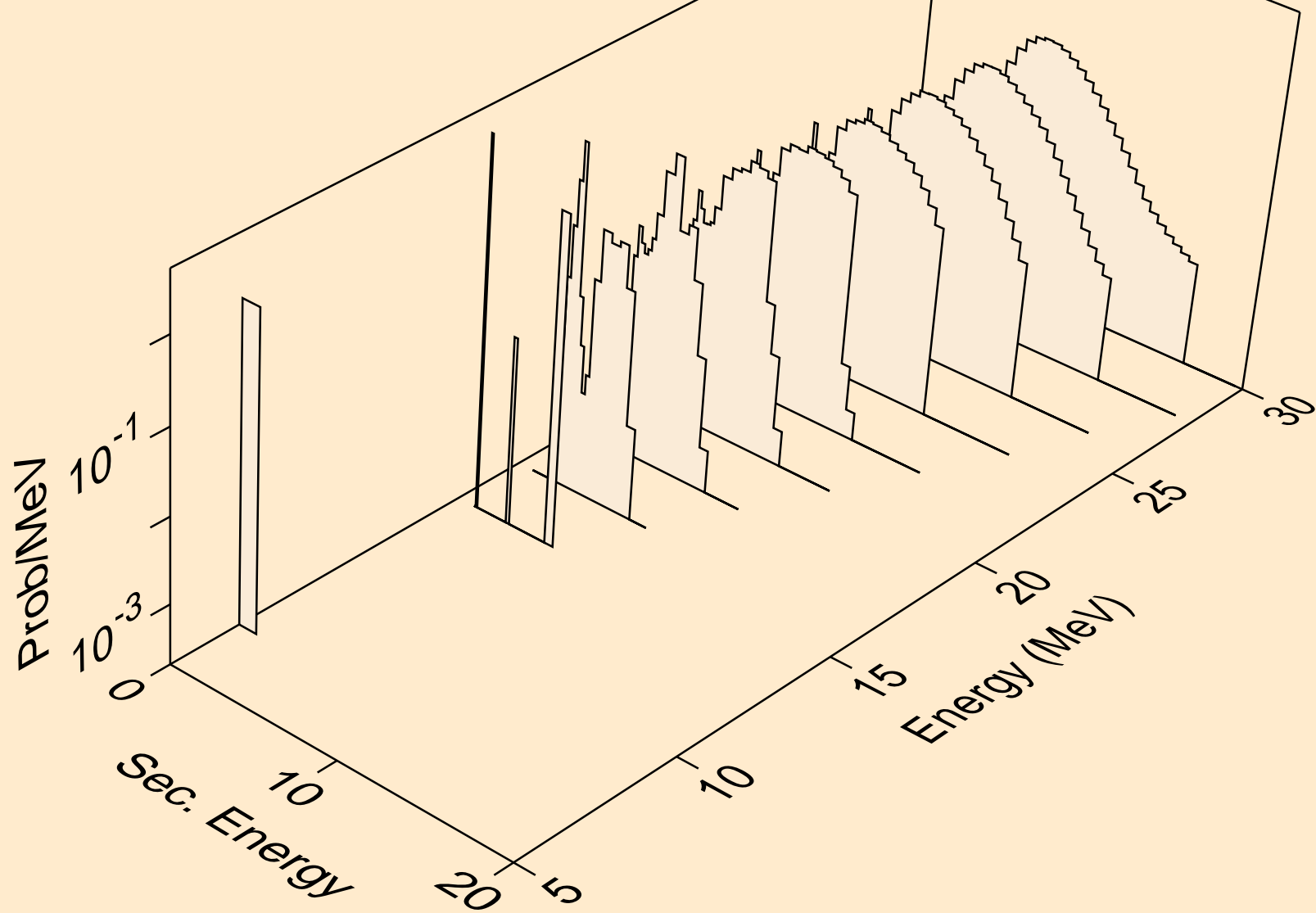
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protons from (a,npa)



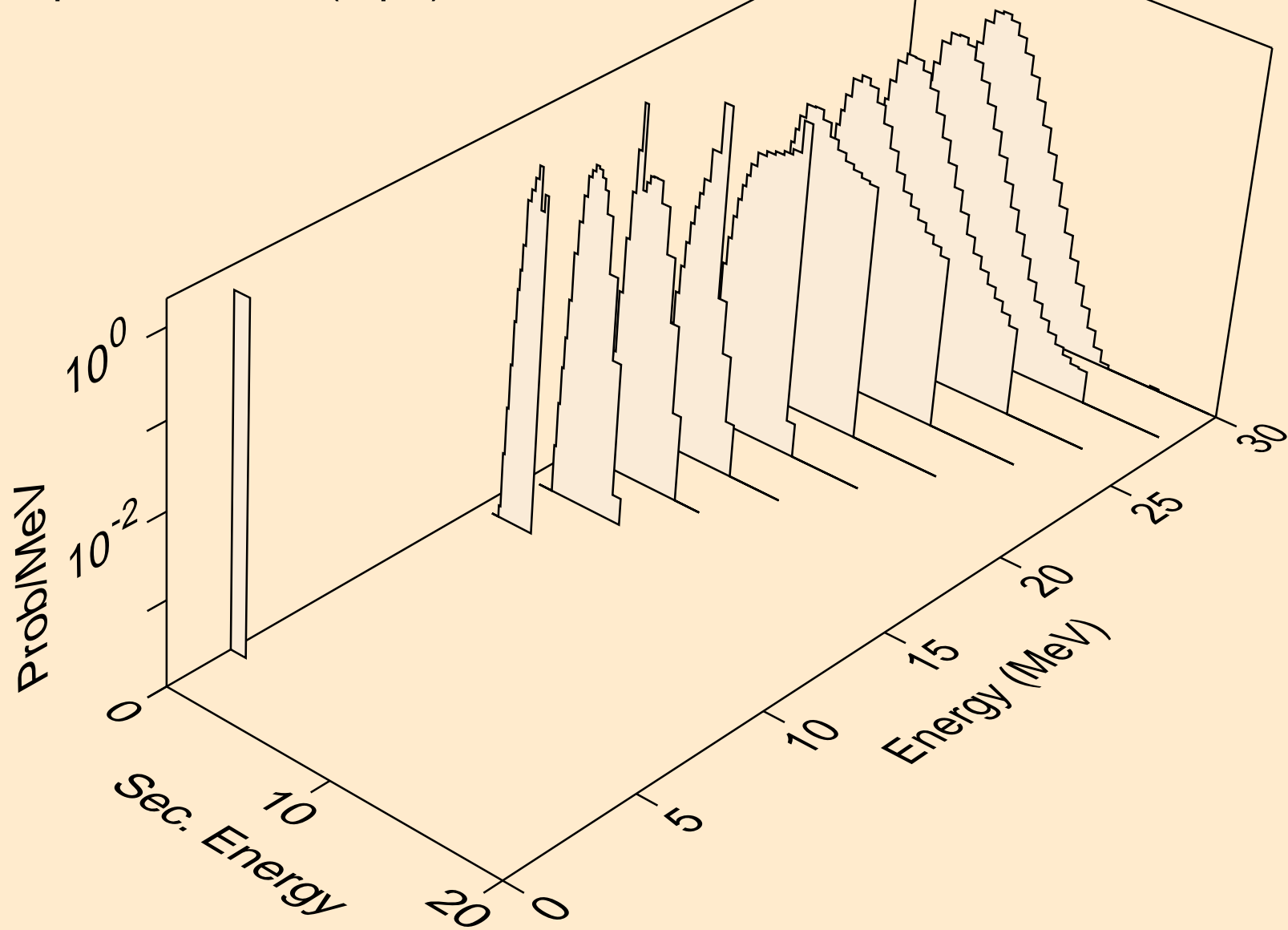
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

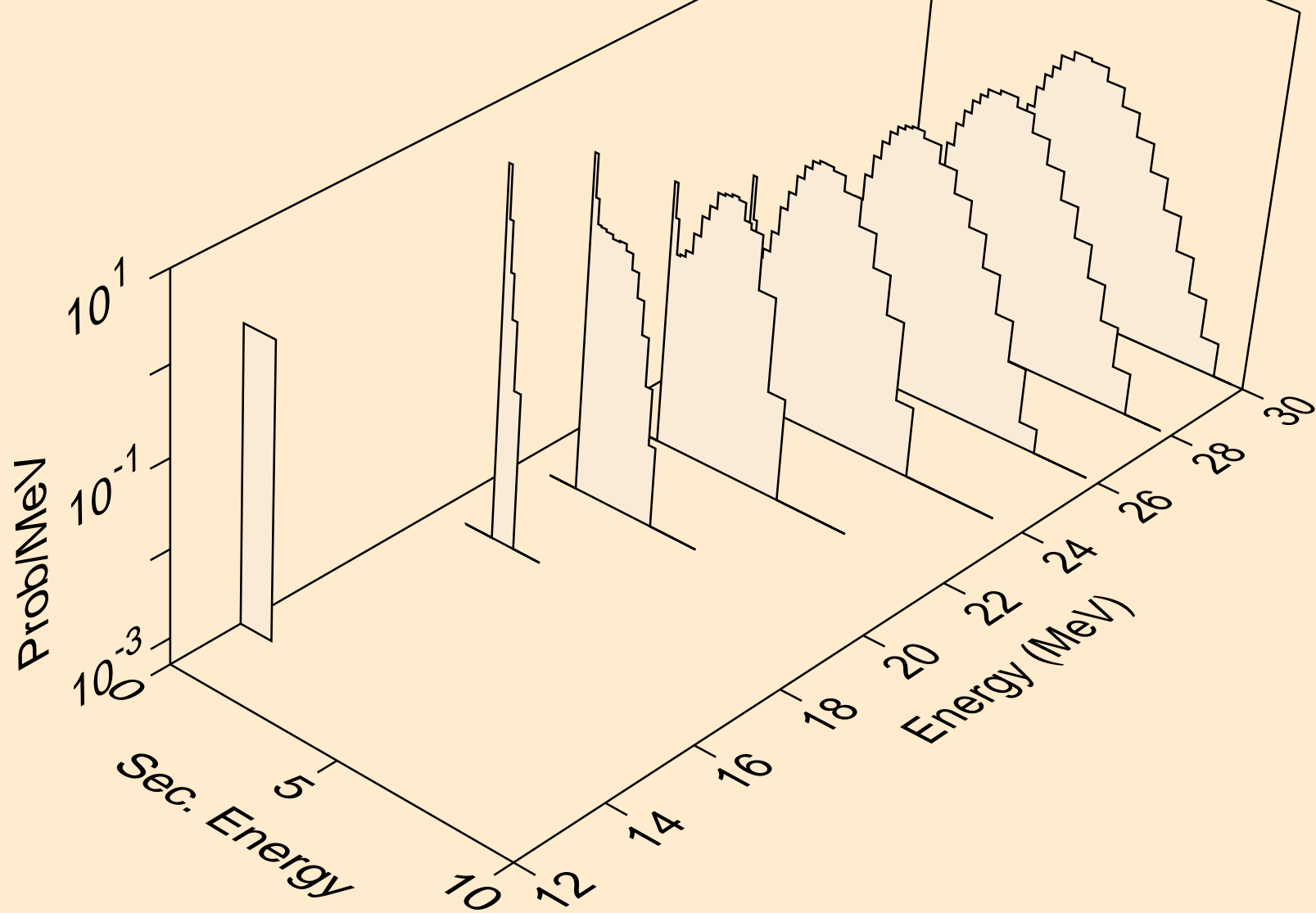


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protons from (a,pa)

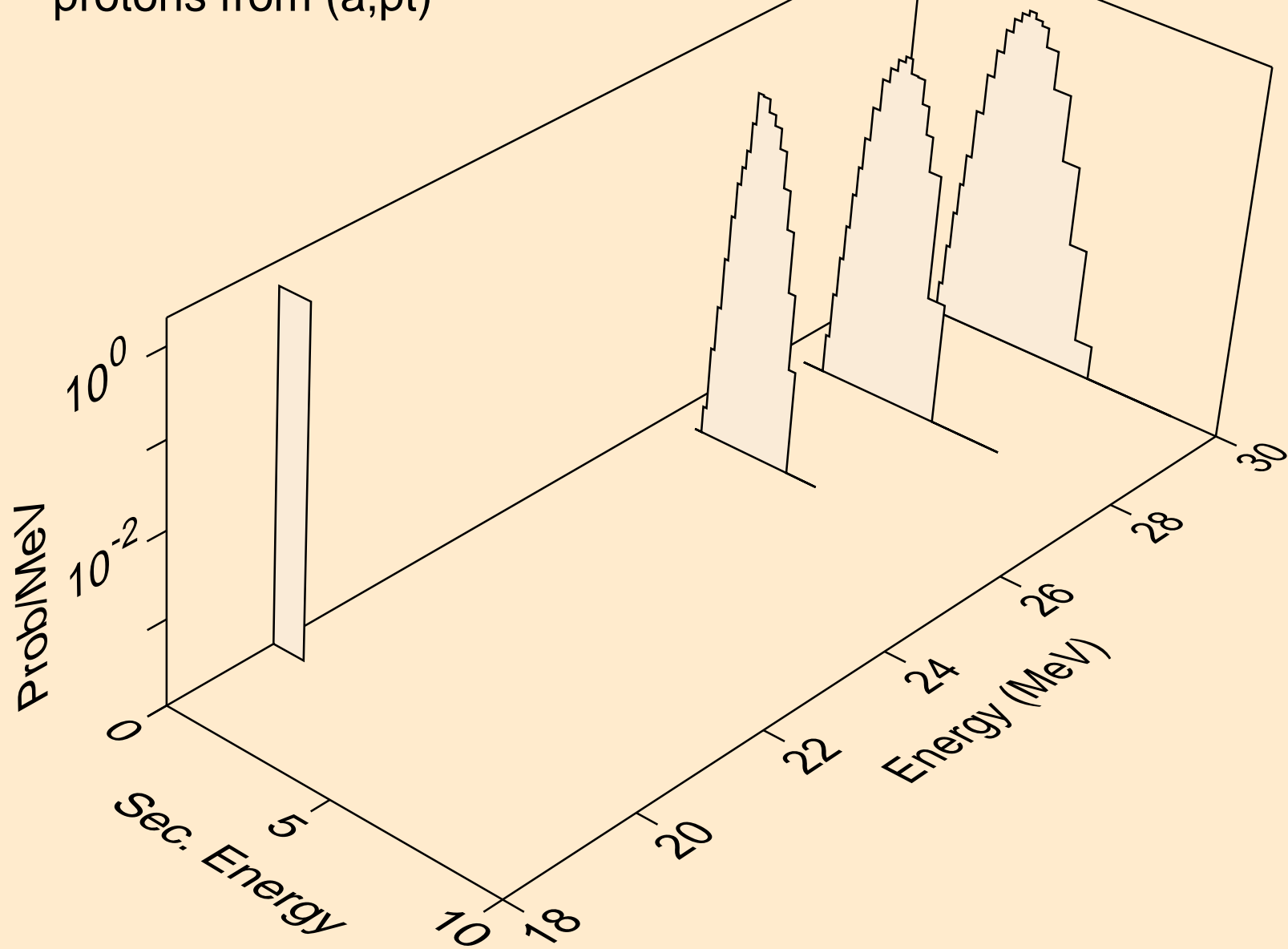




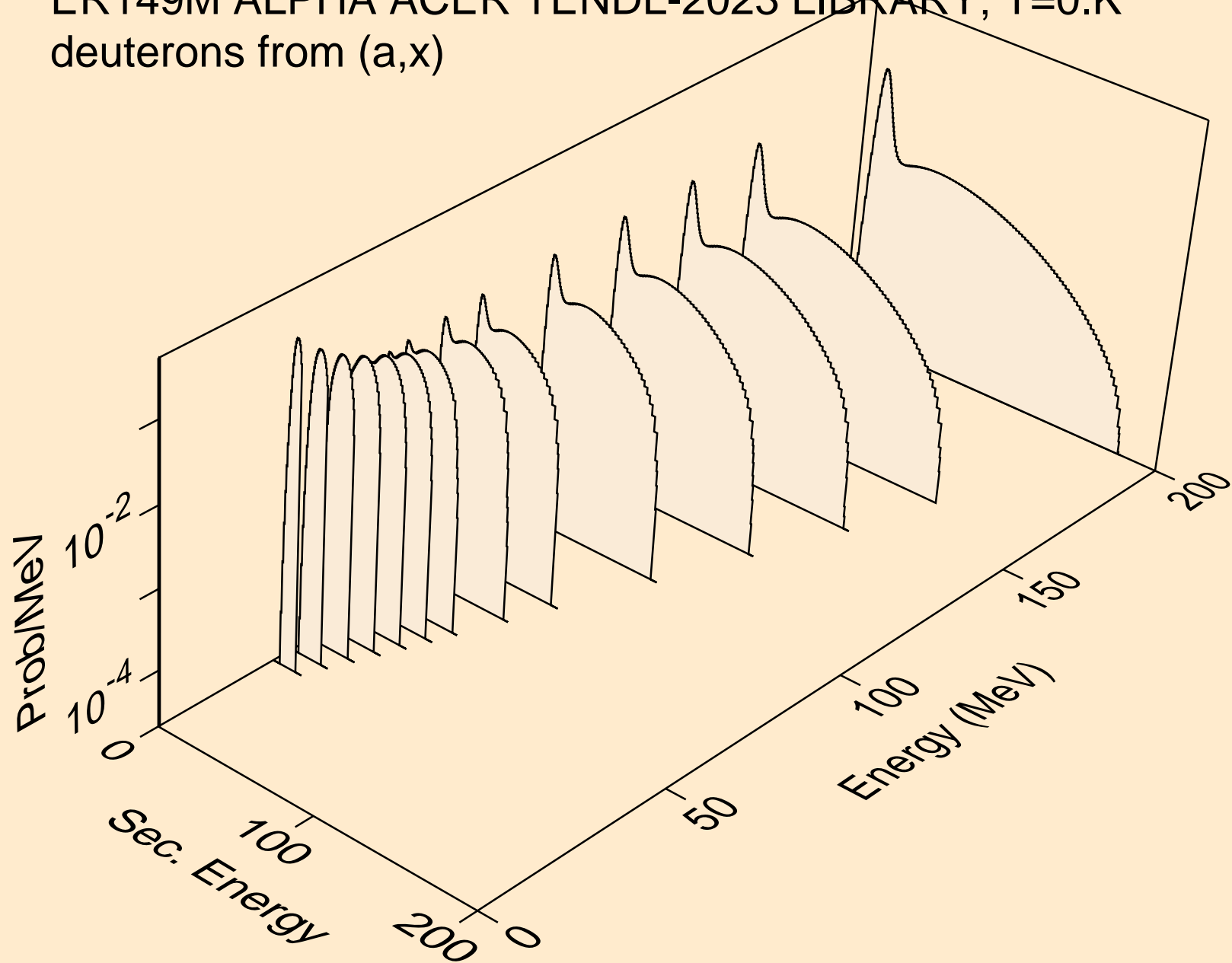
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



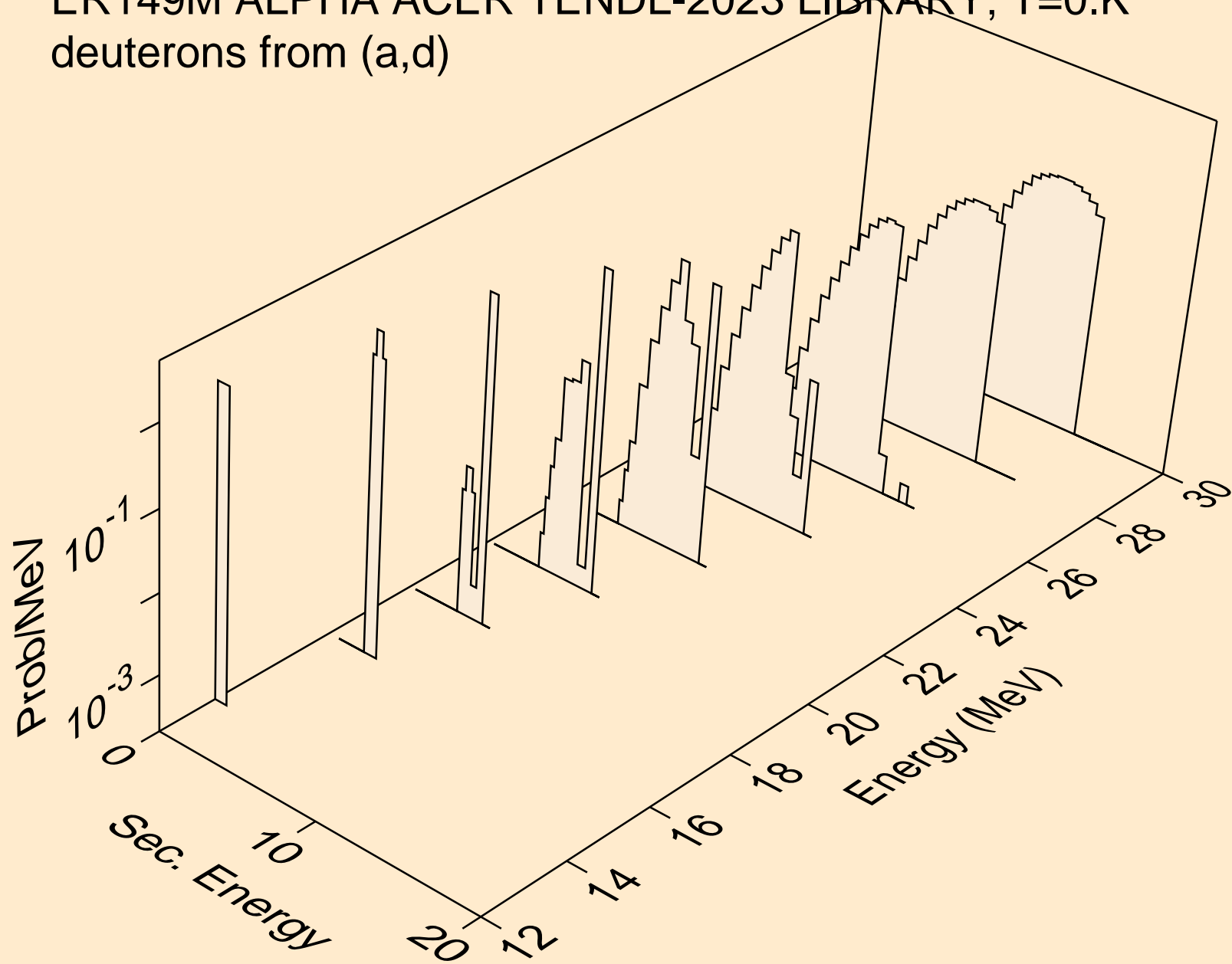
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protons from (a,pt)



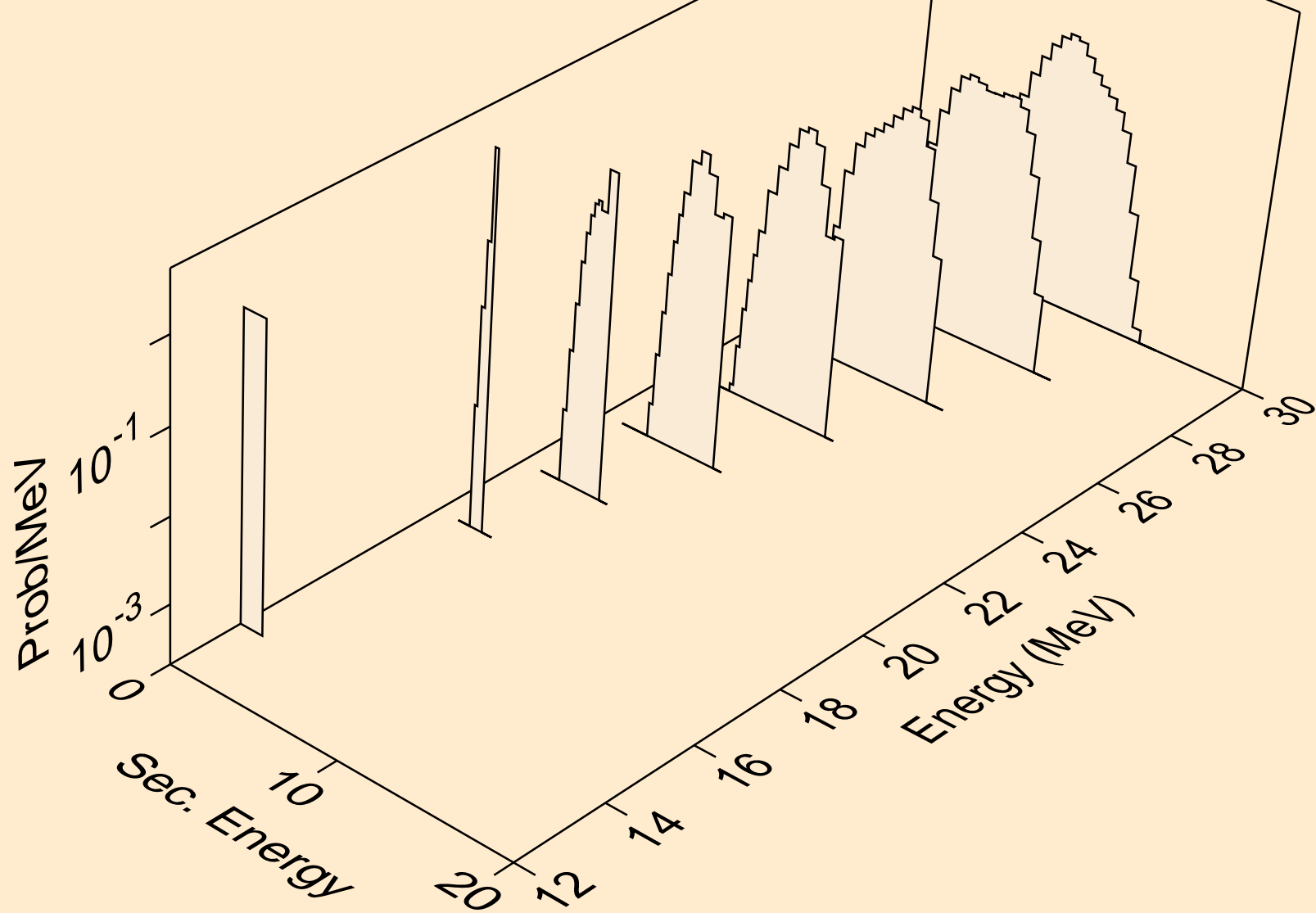
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



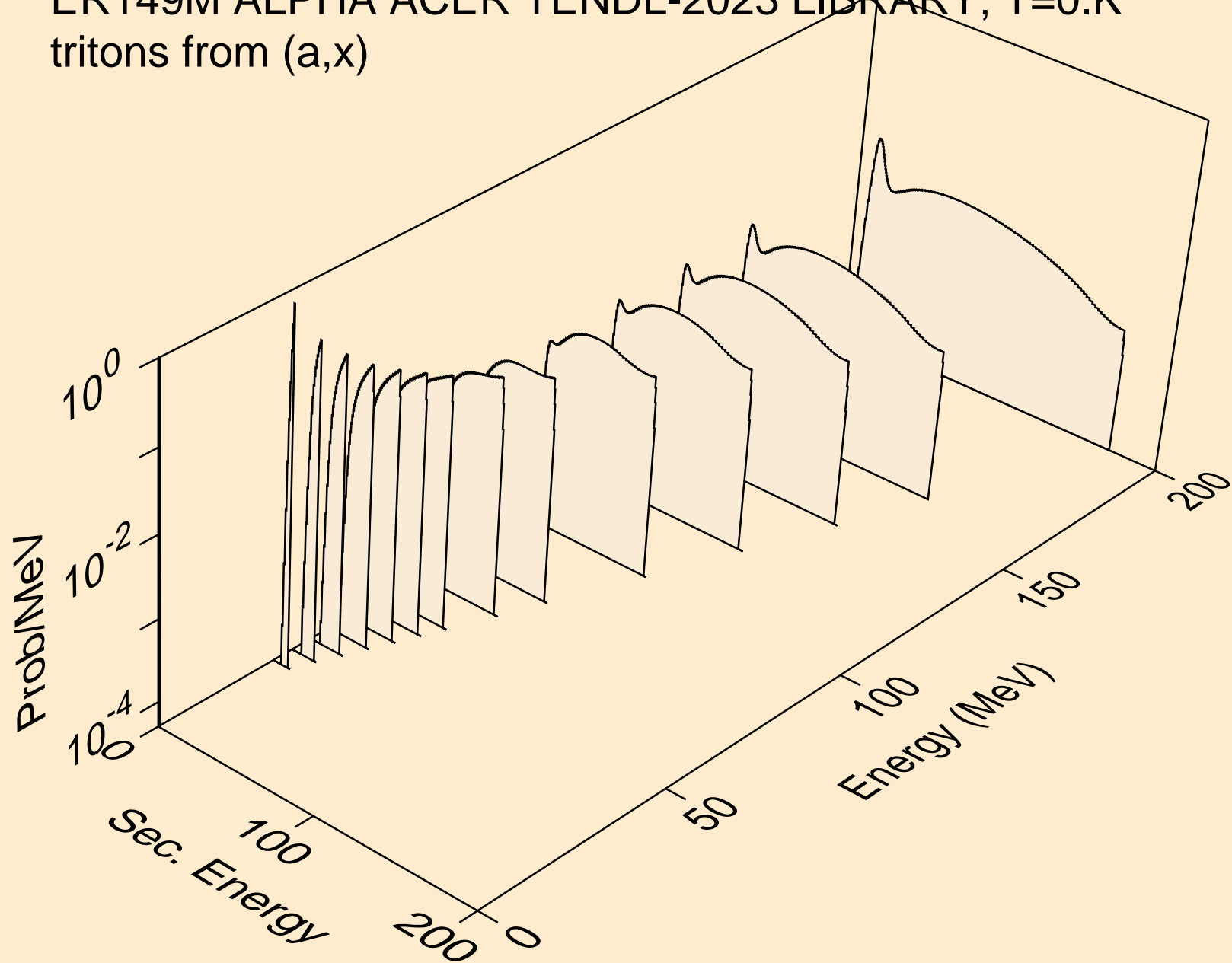
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deuterons from (a,d)



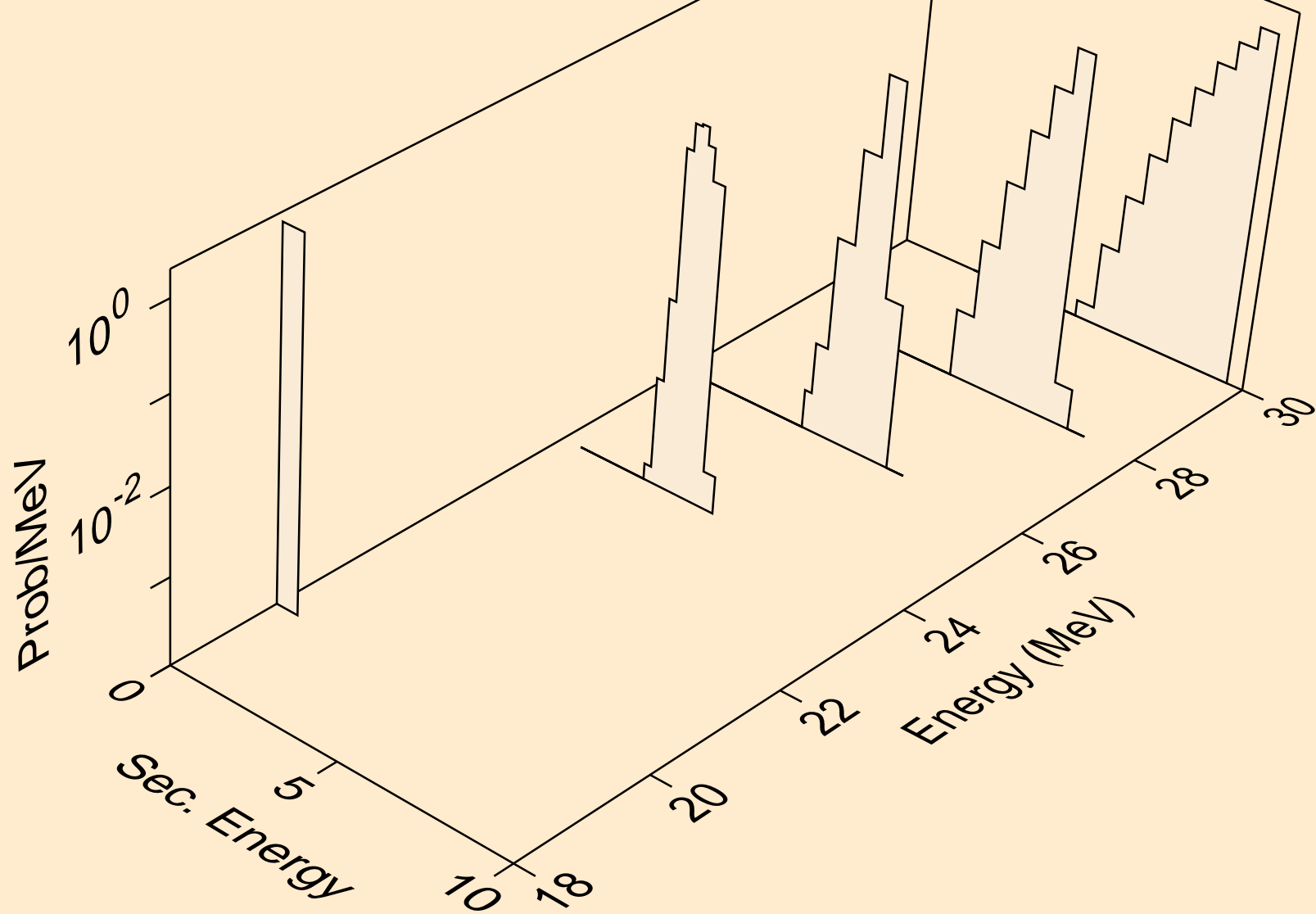
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deuterons from (a,pd)



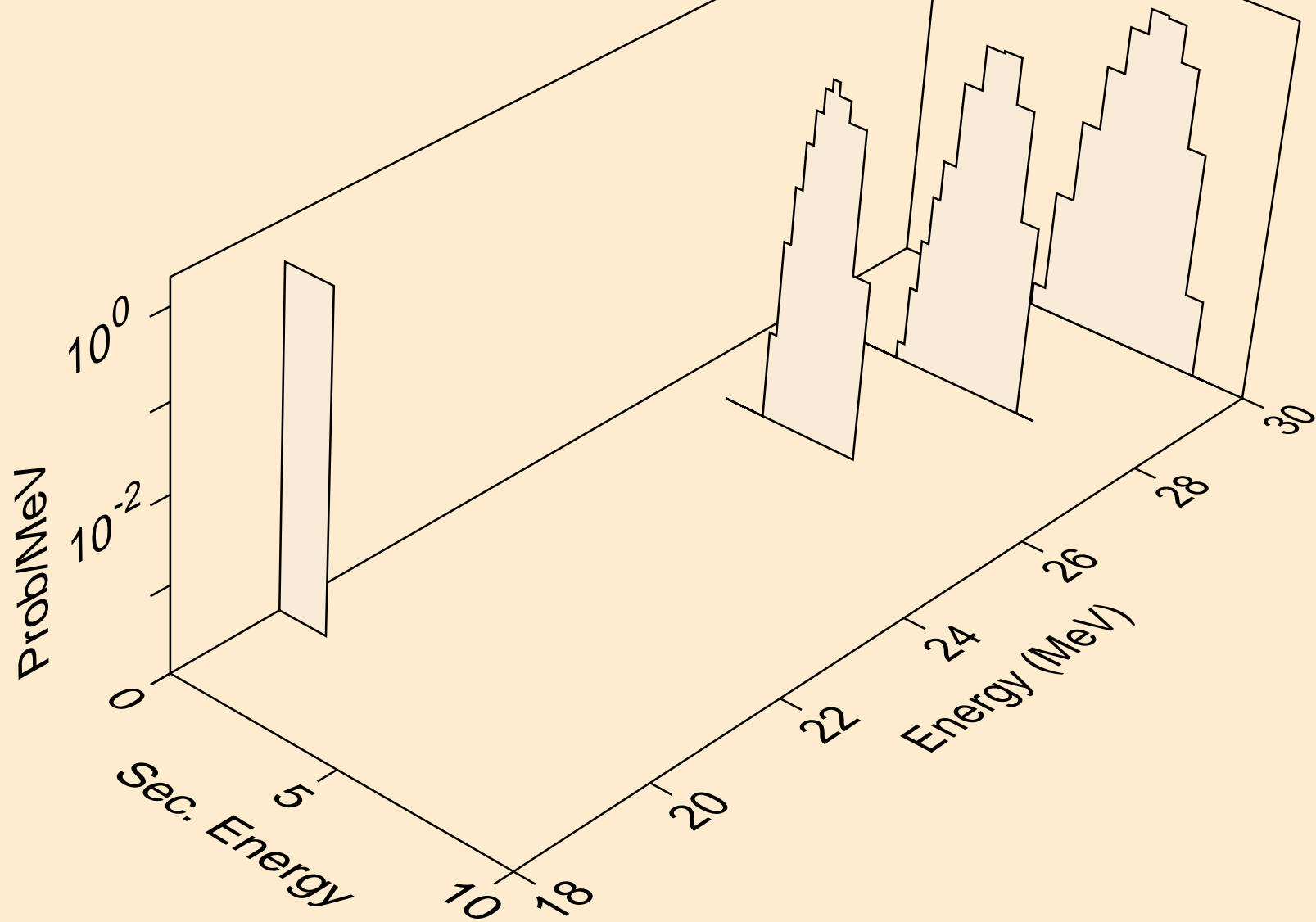
ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)

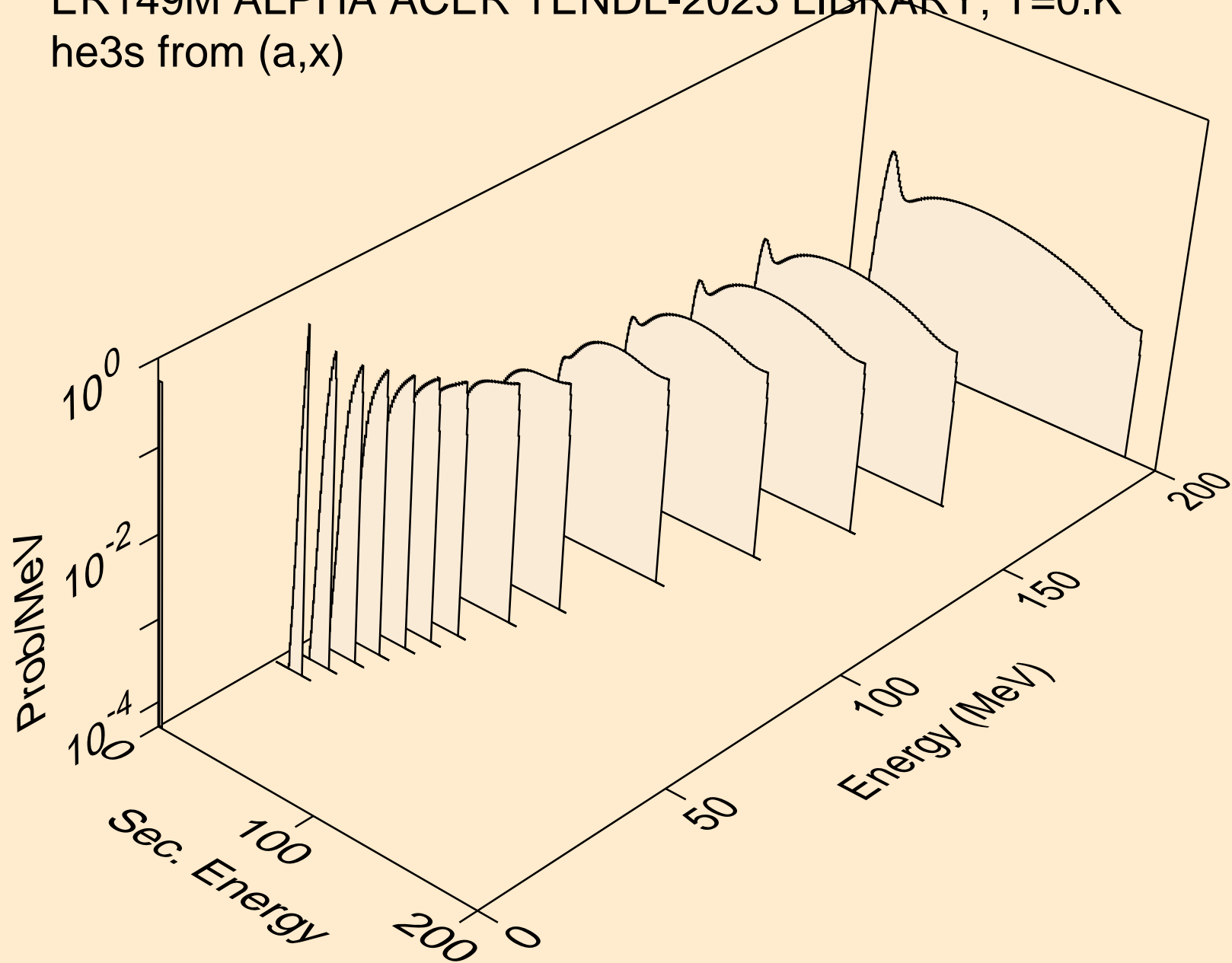


ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)





ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



ER149M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

