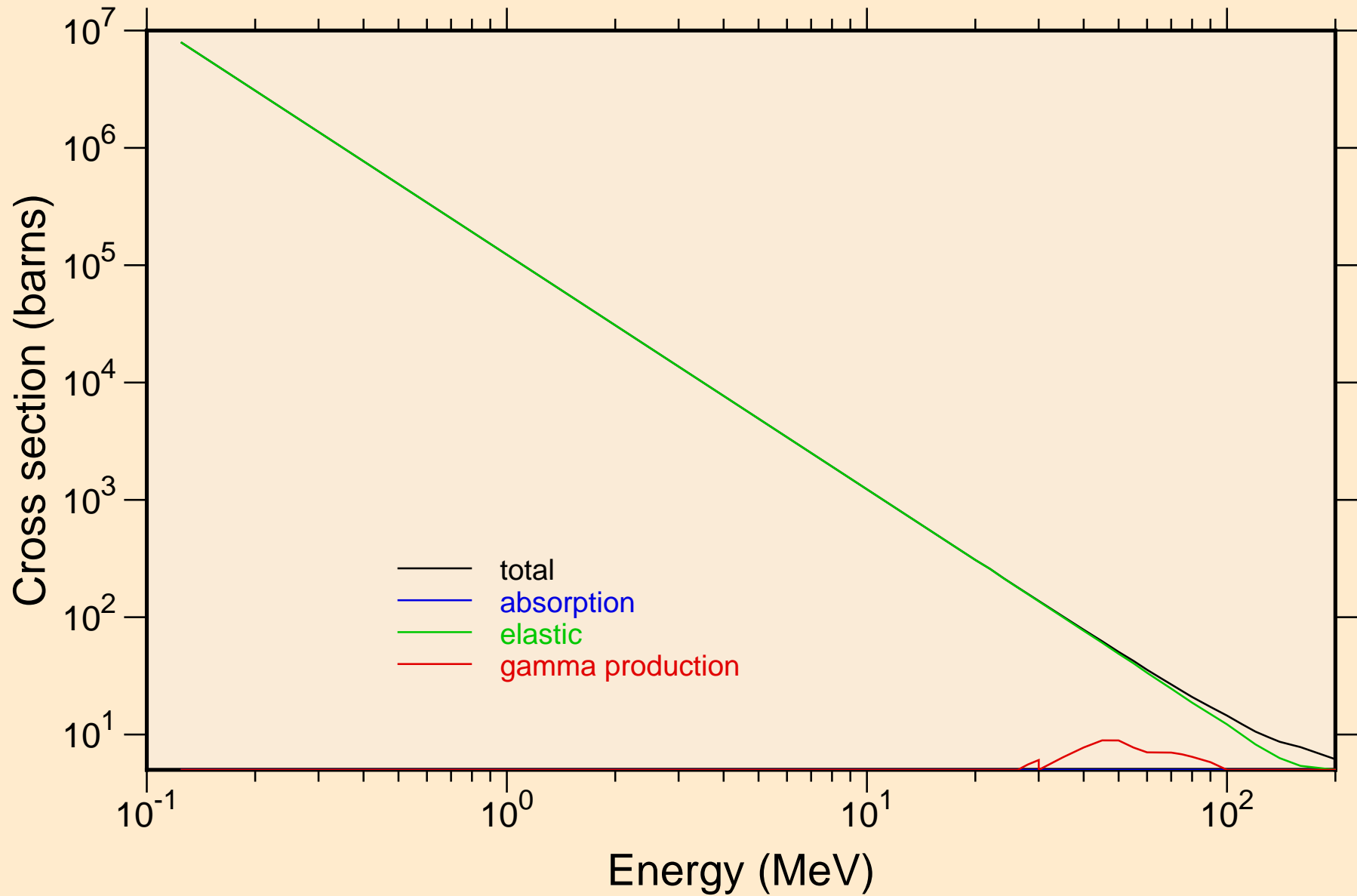
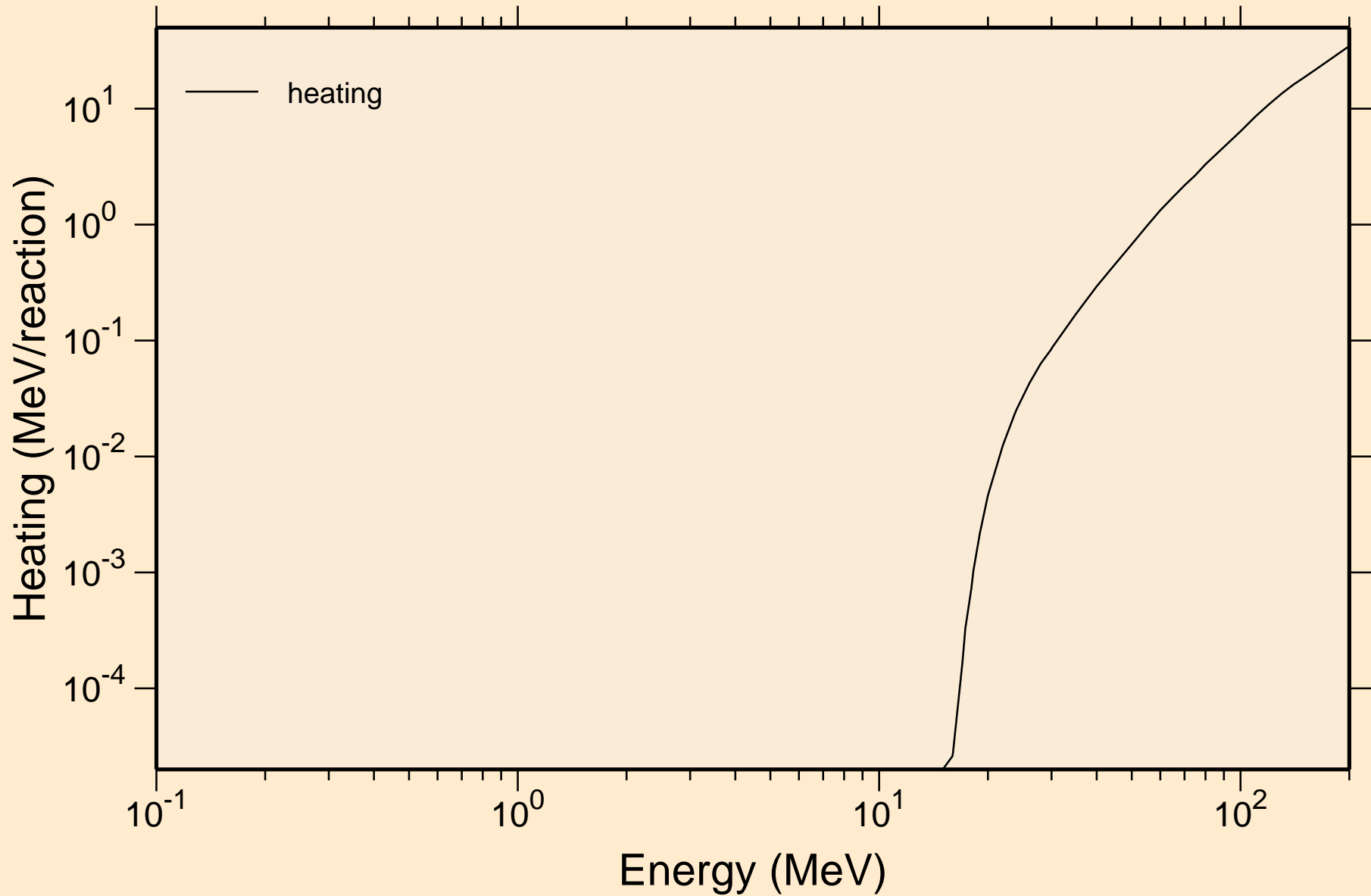


TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



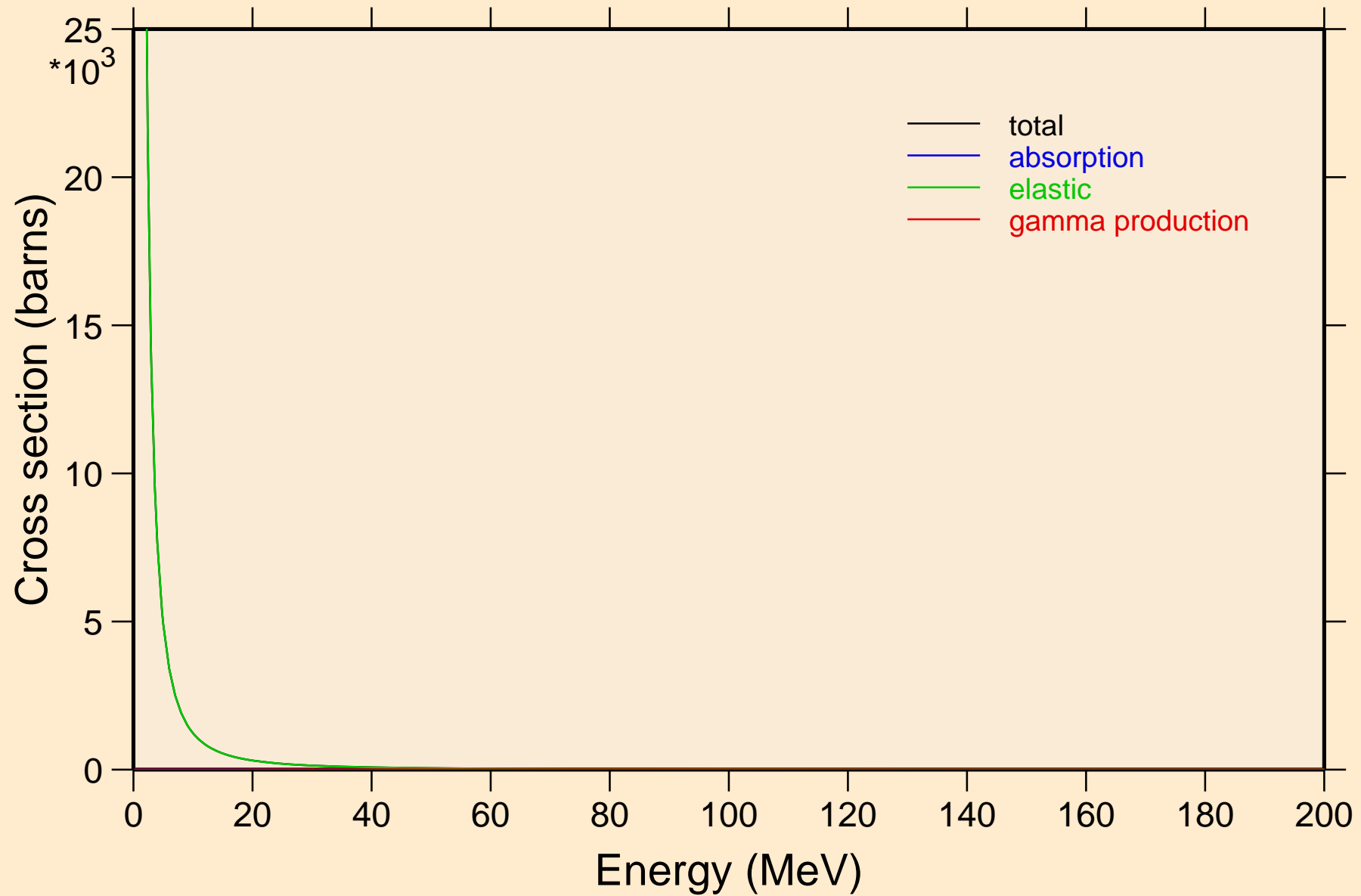
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



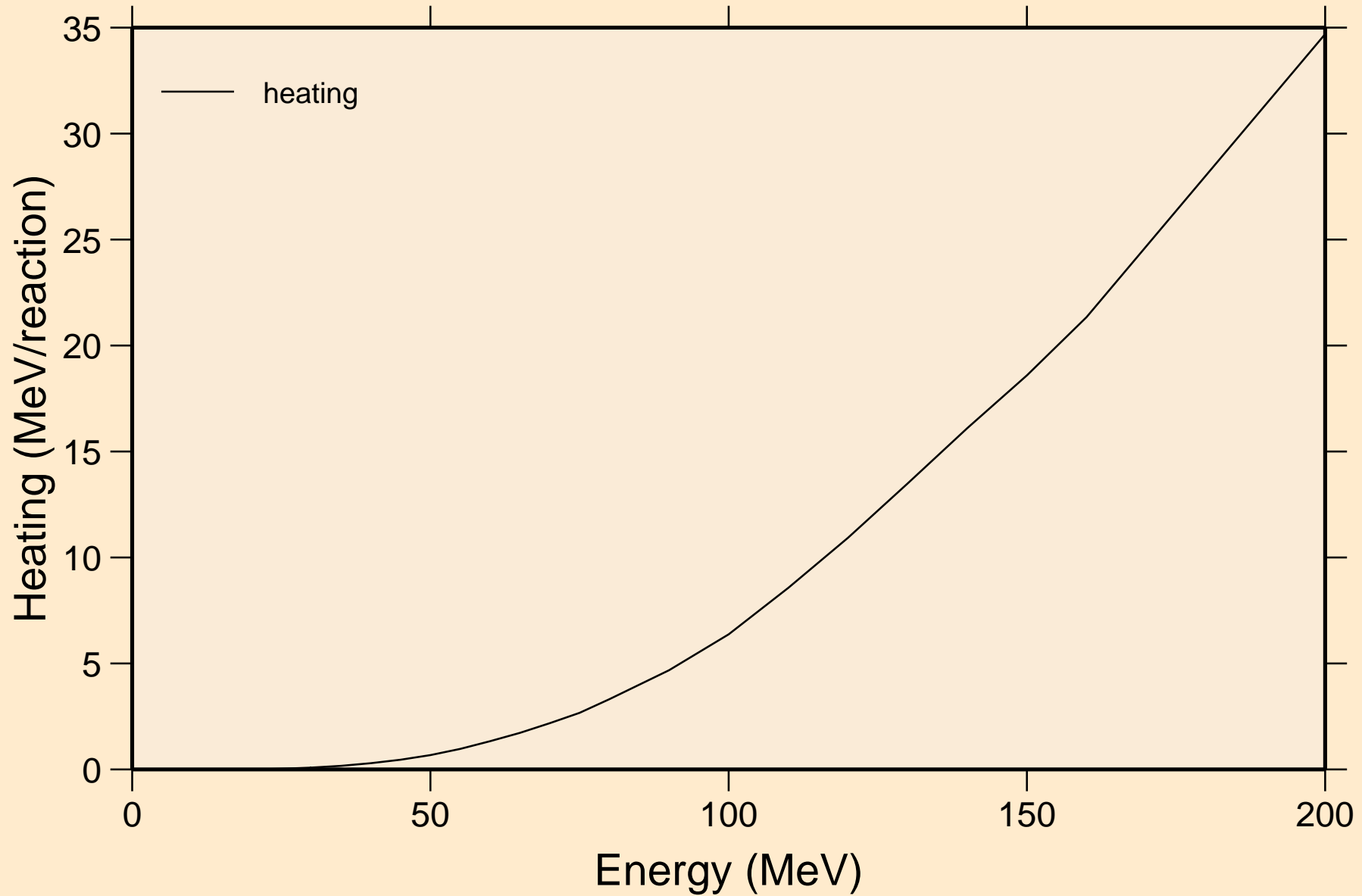
# TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

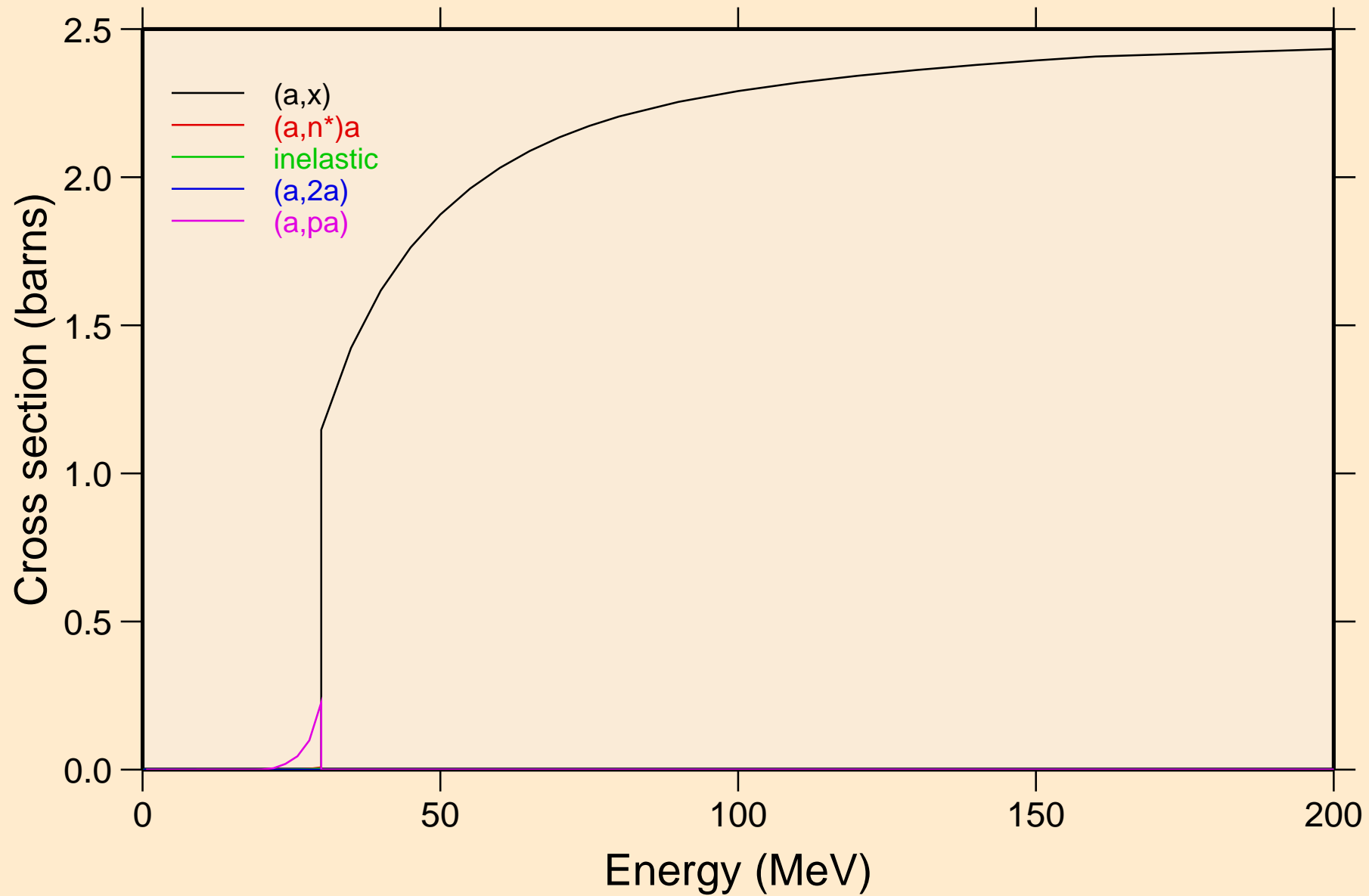


TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

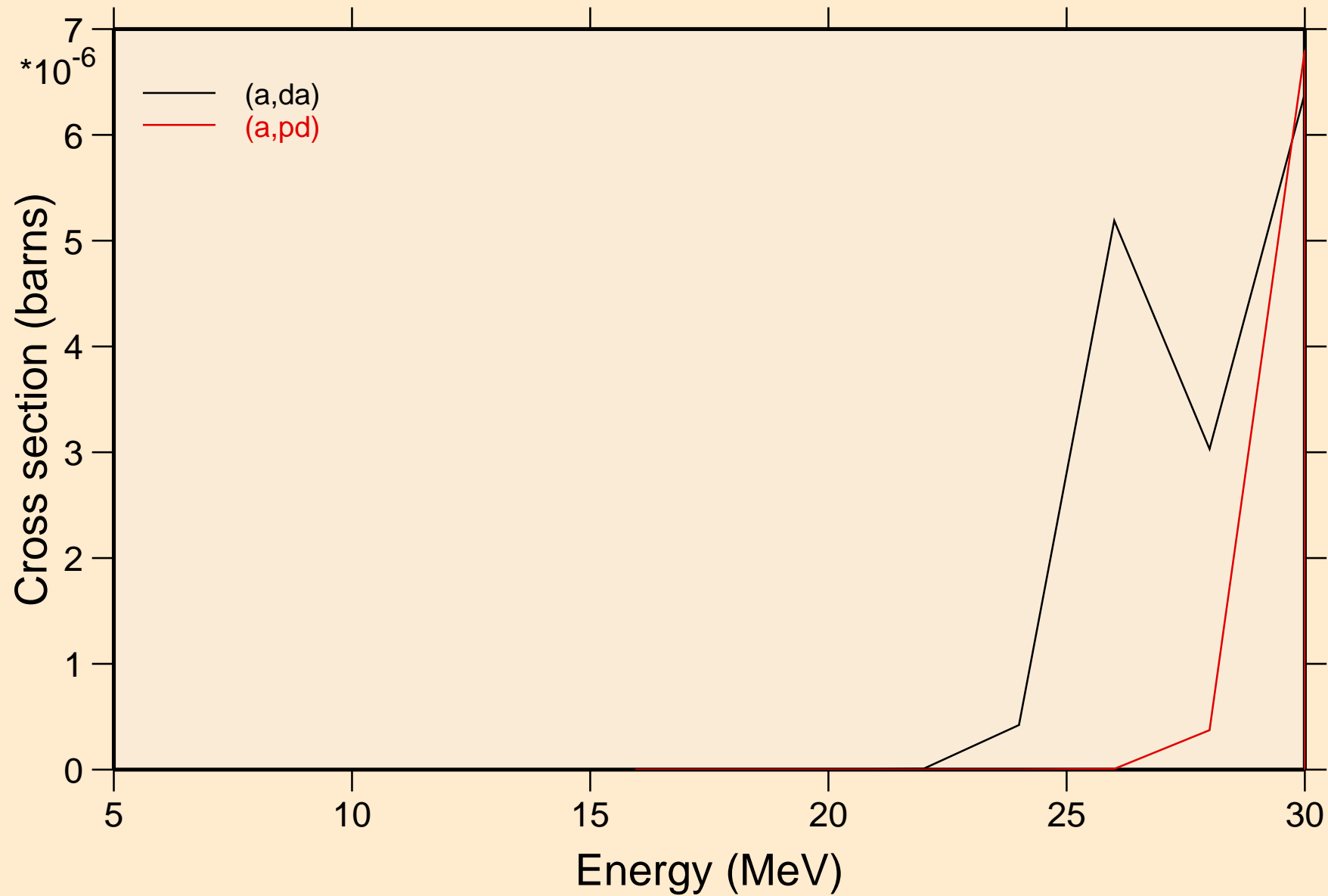
Heating



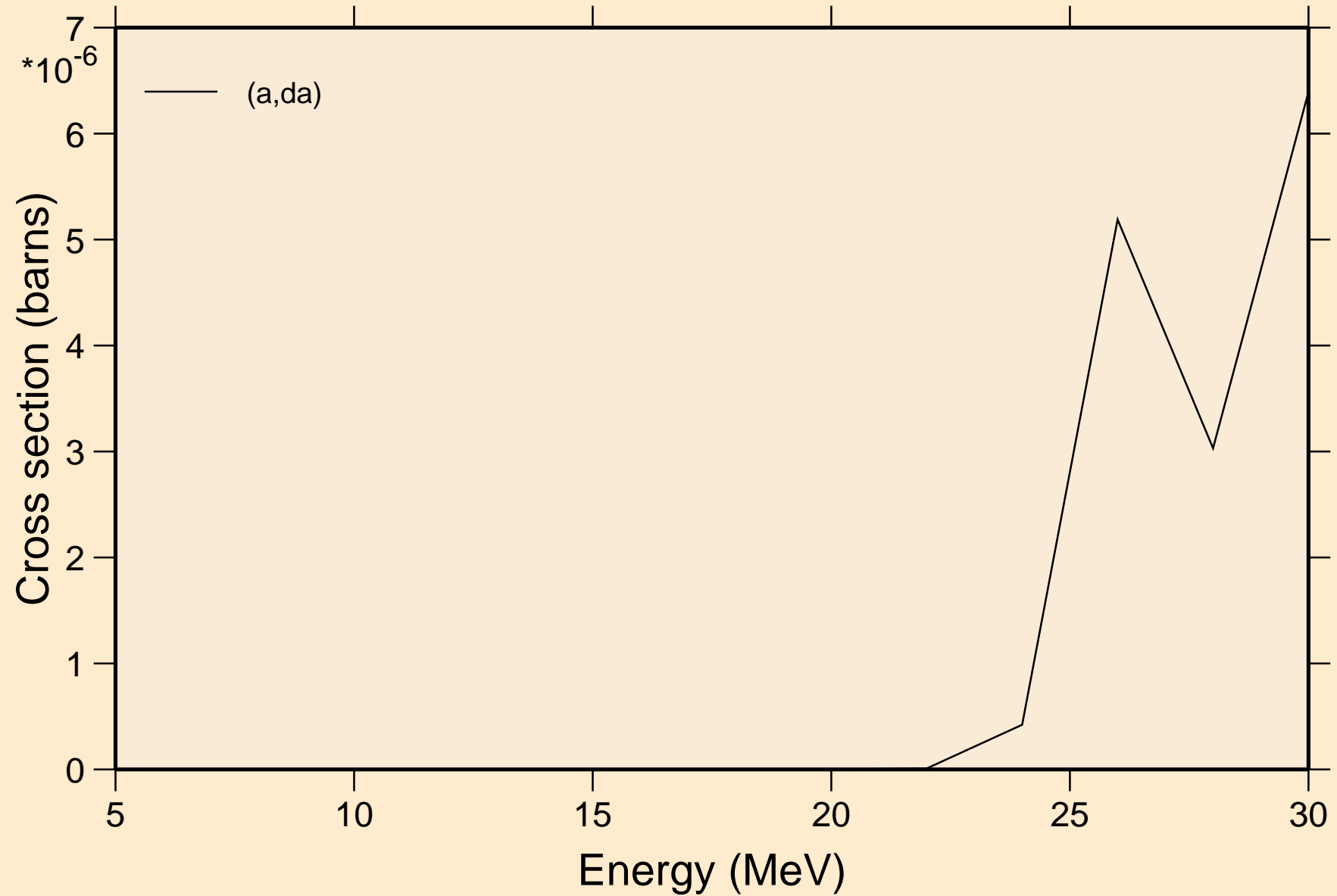
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



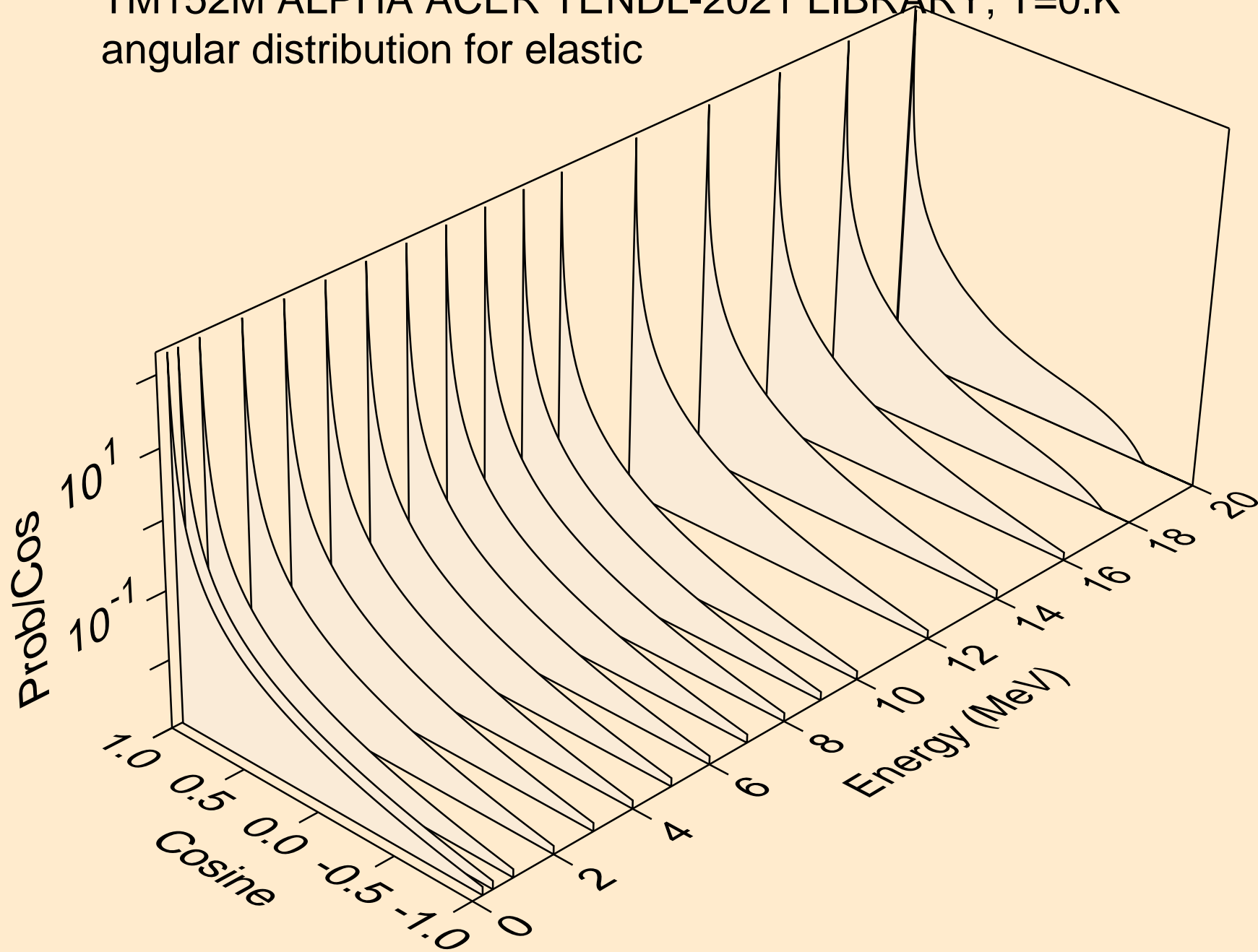
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

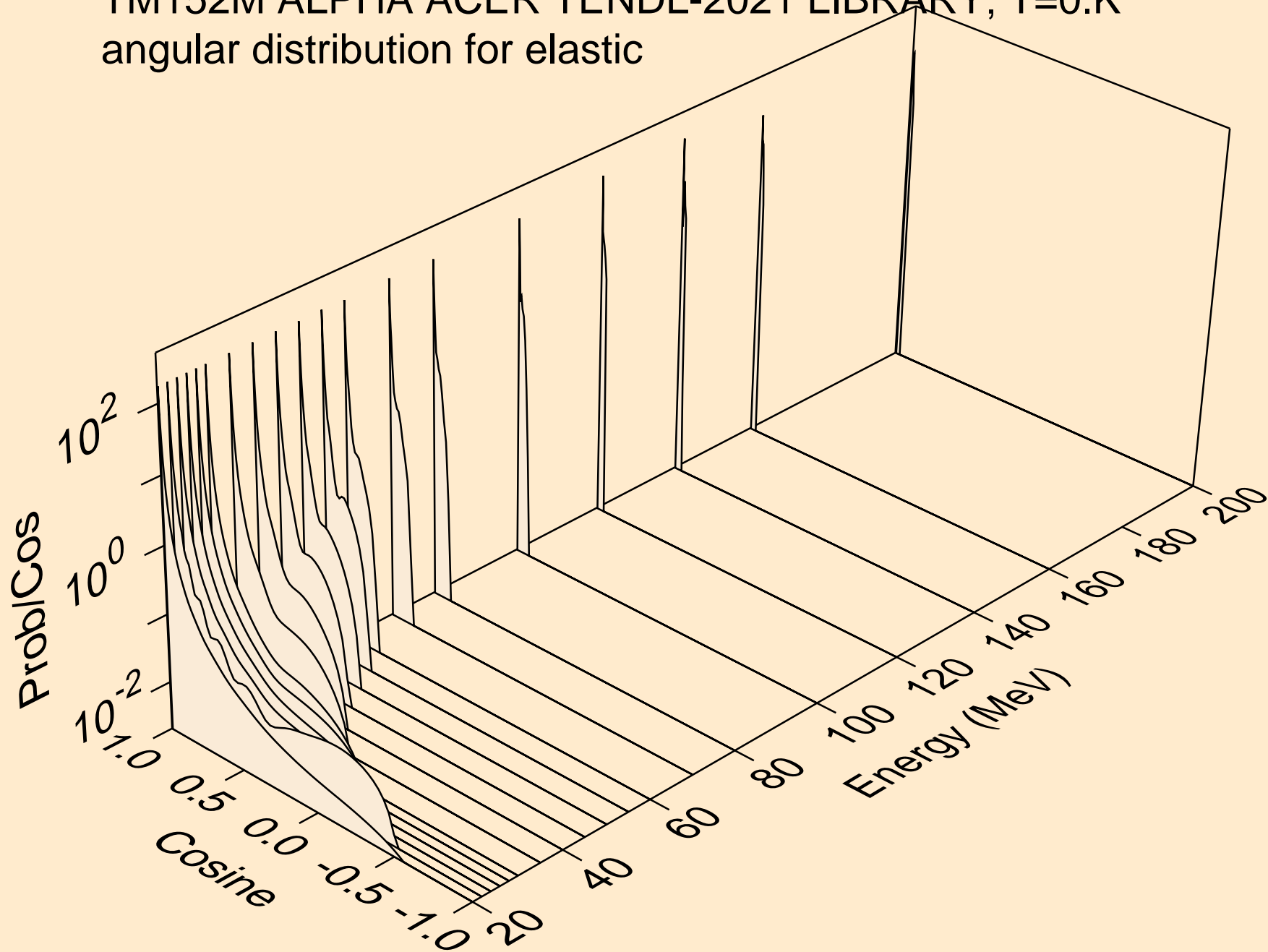


TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

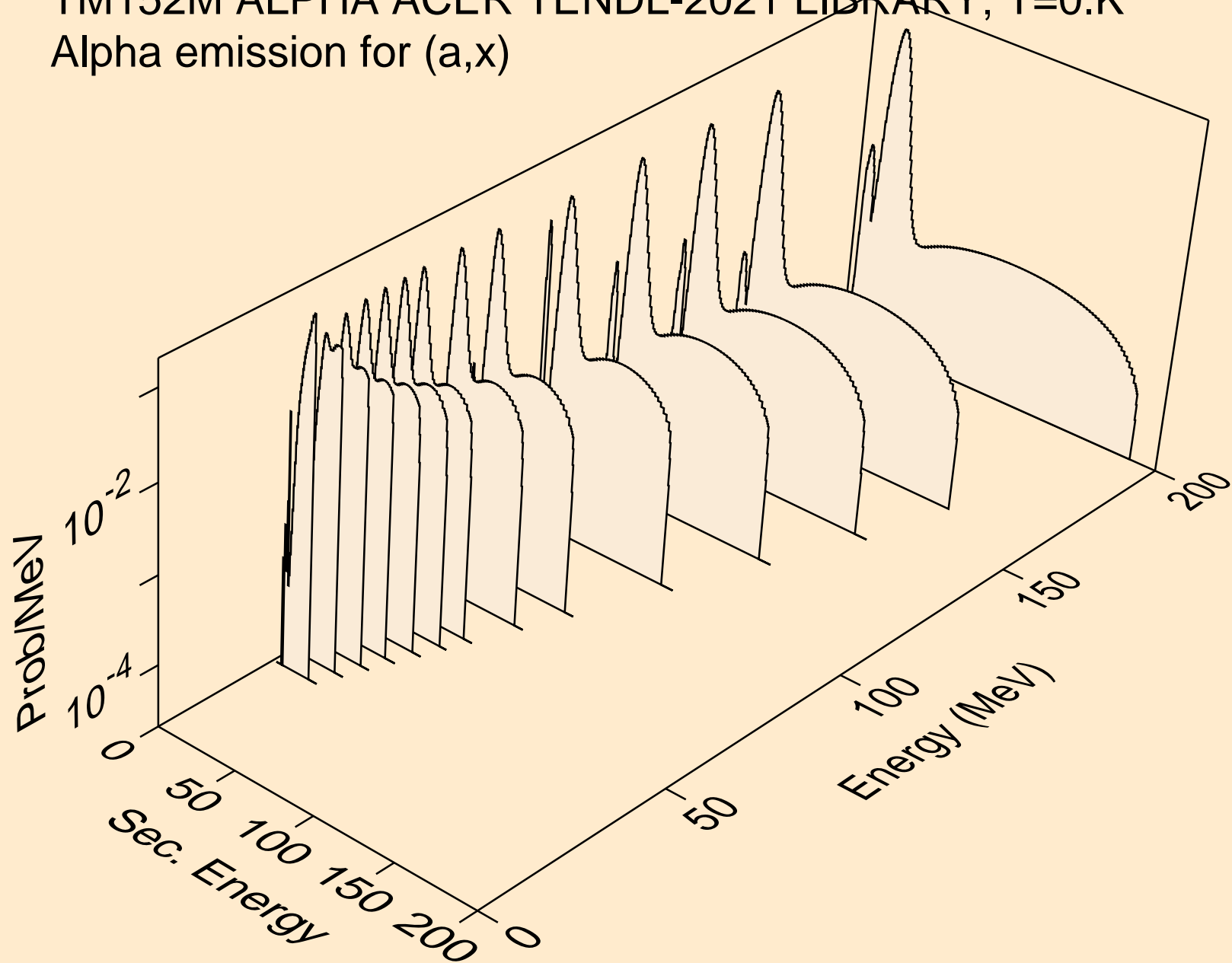




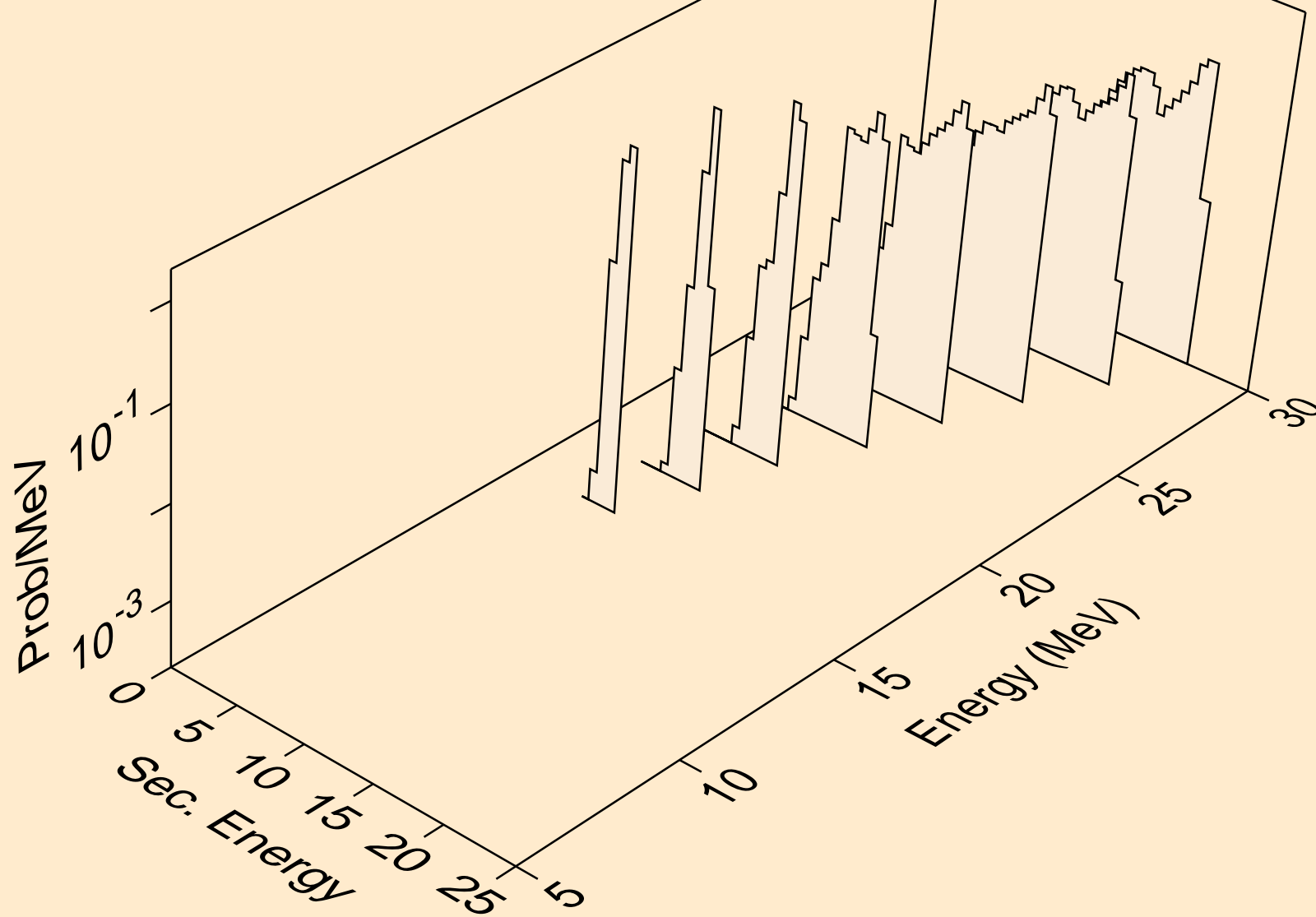
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



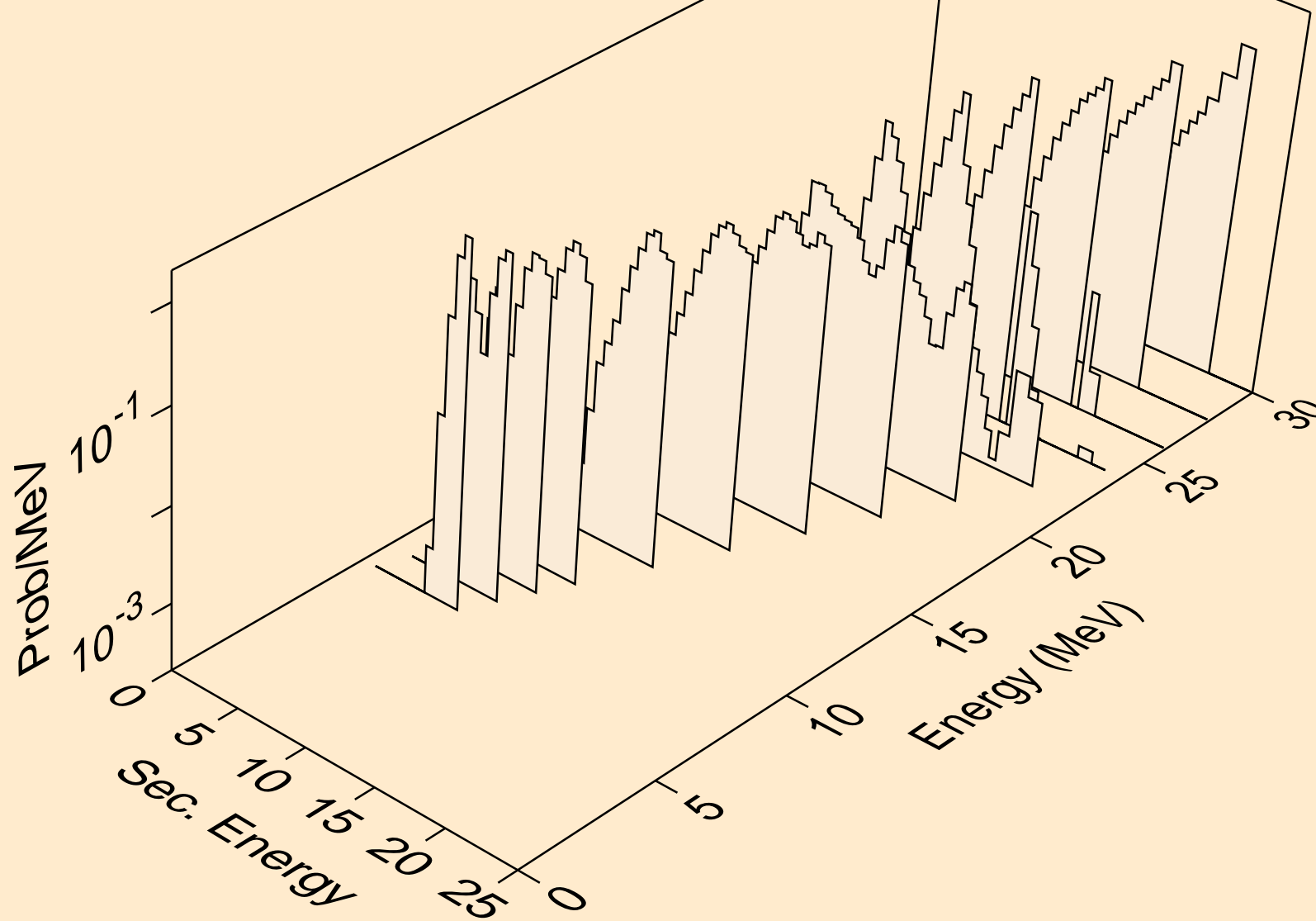
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



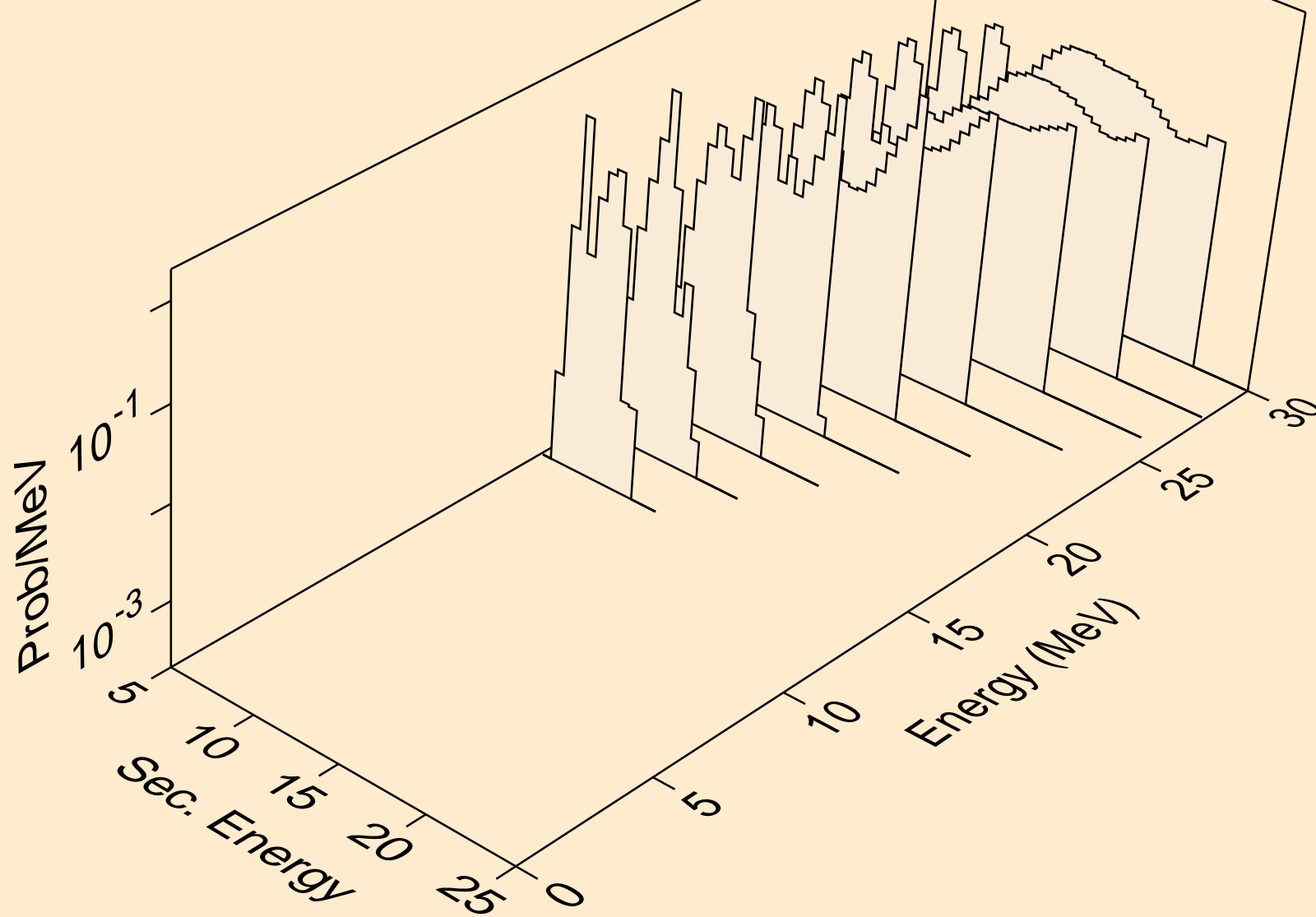
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



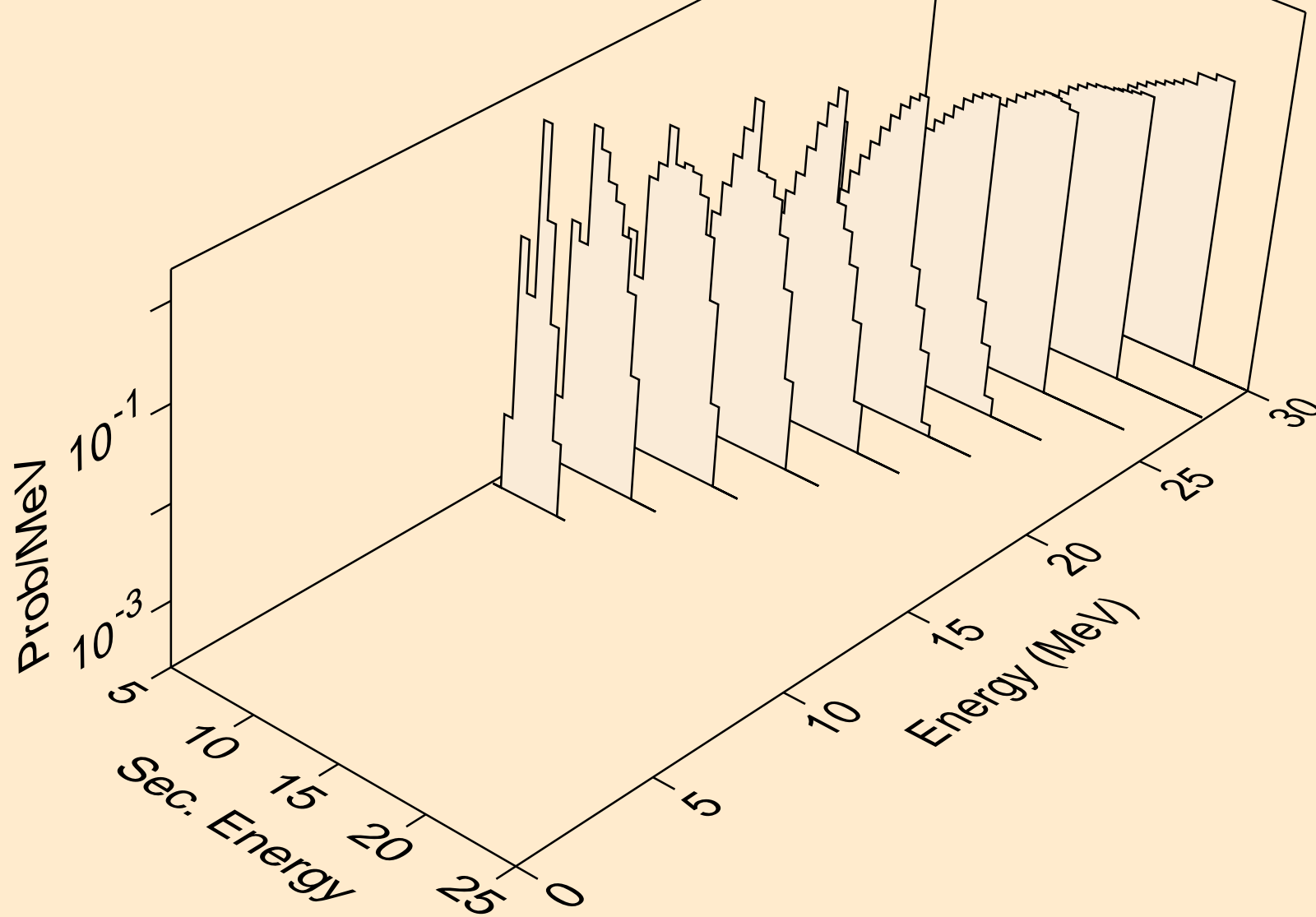
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



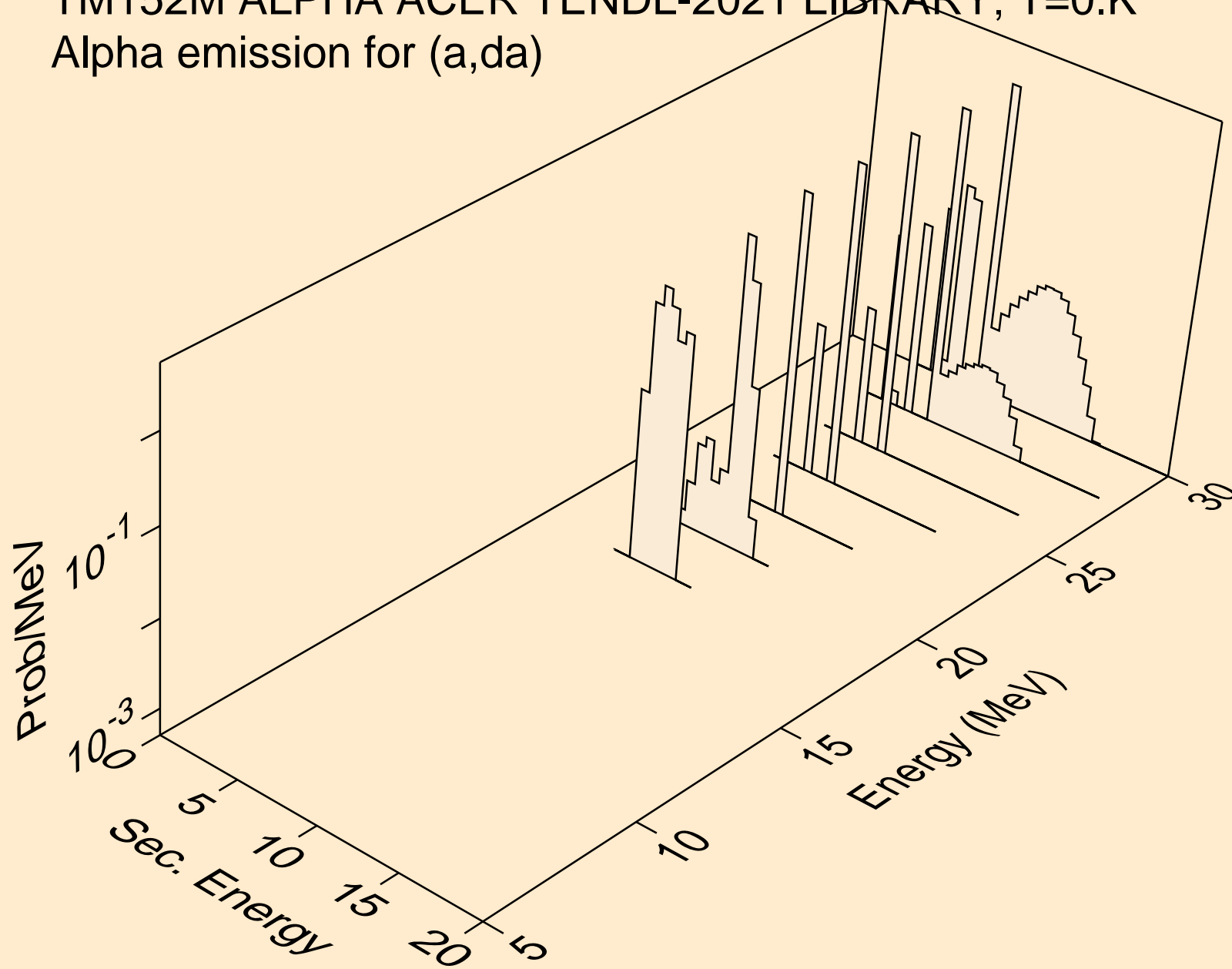
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Alpha emission for (a,2a)



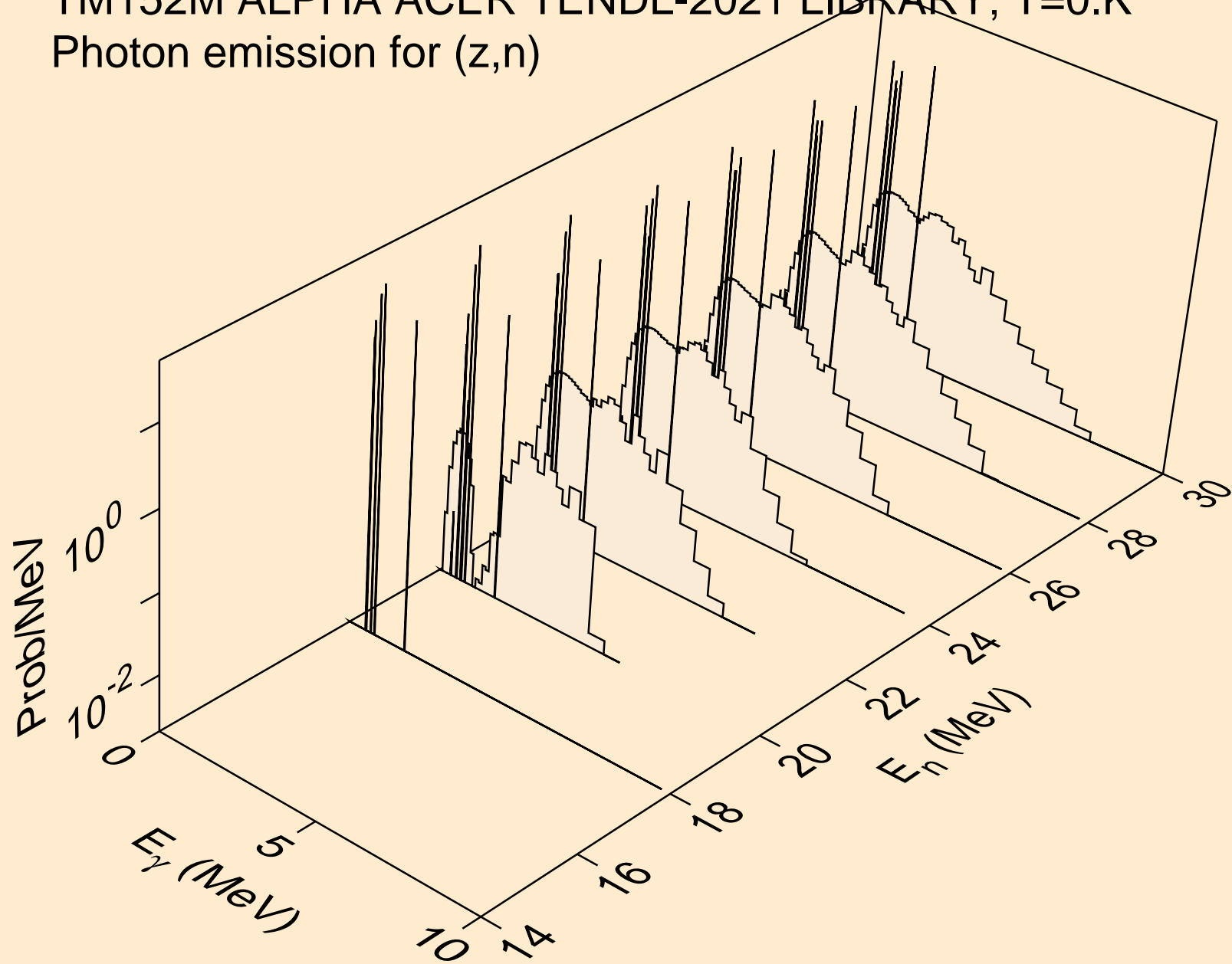
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

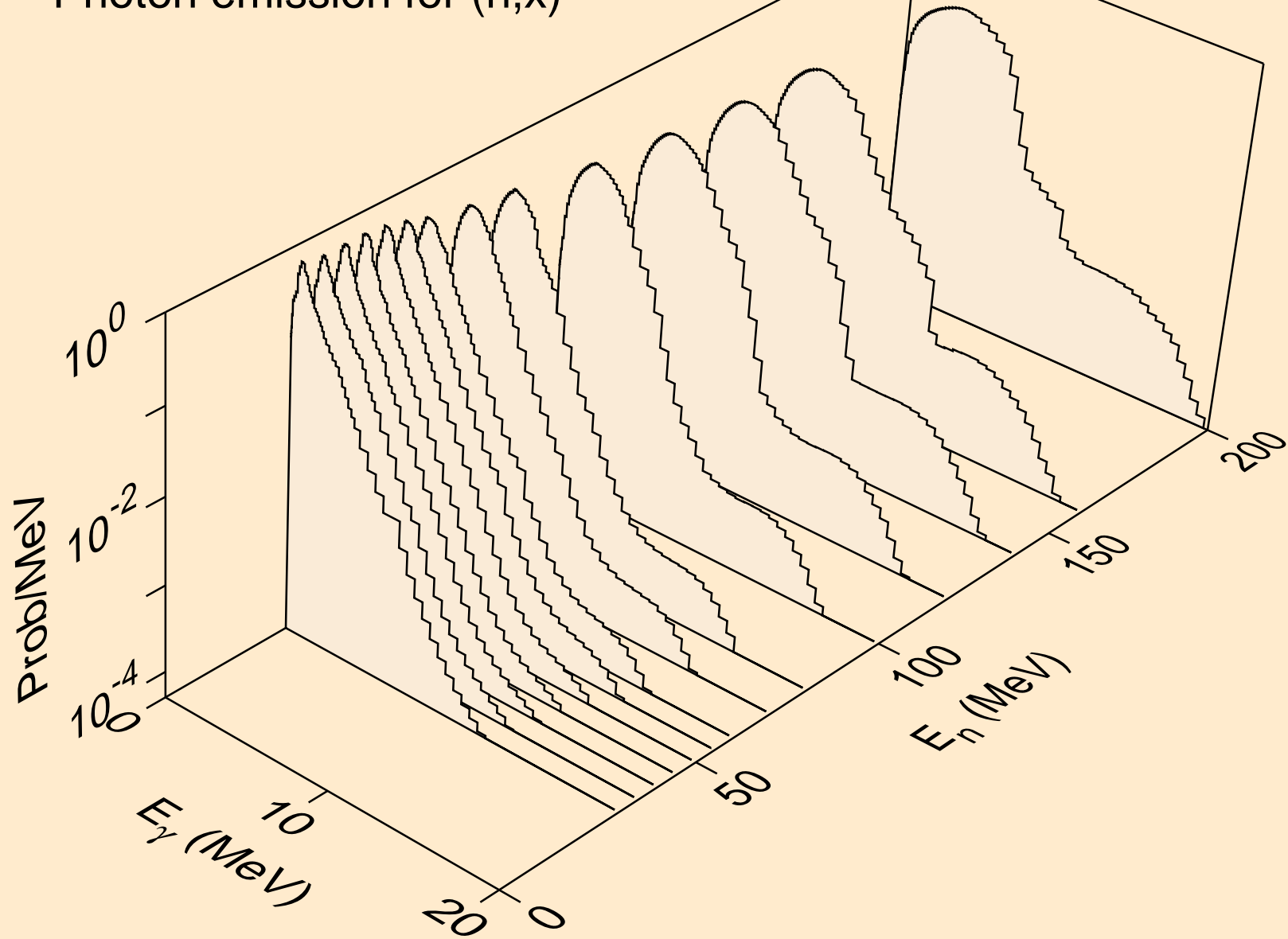


TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

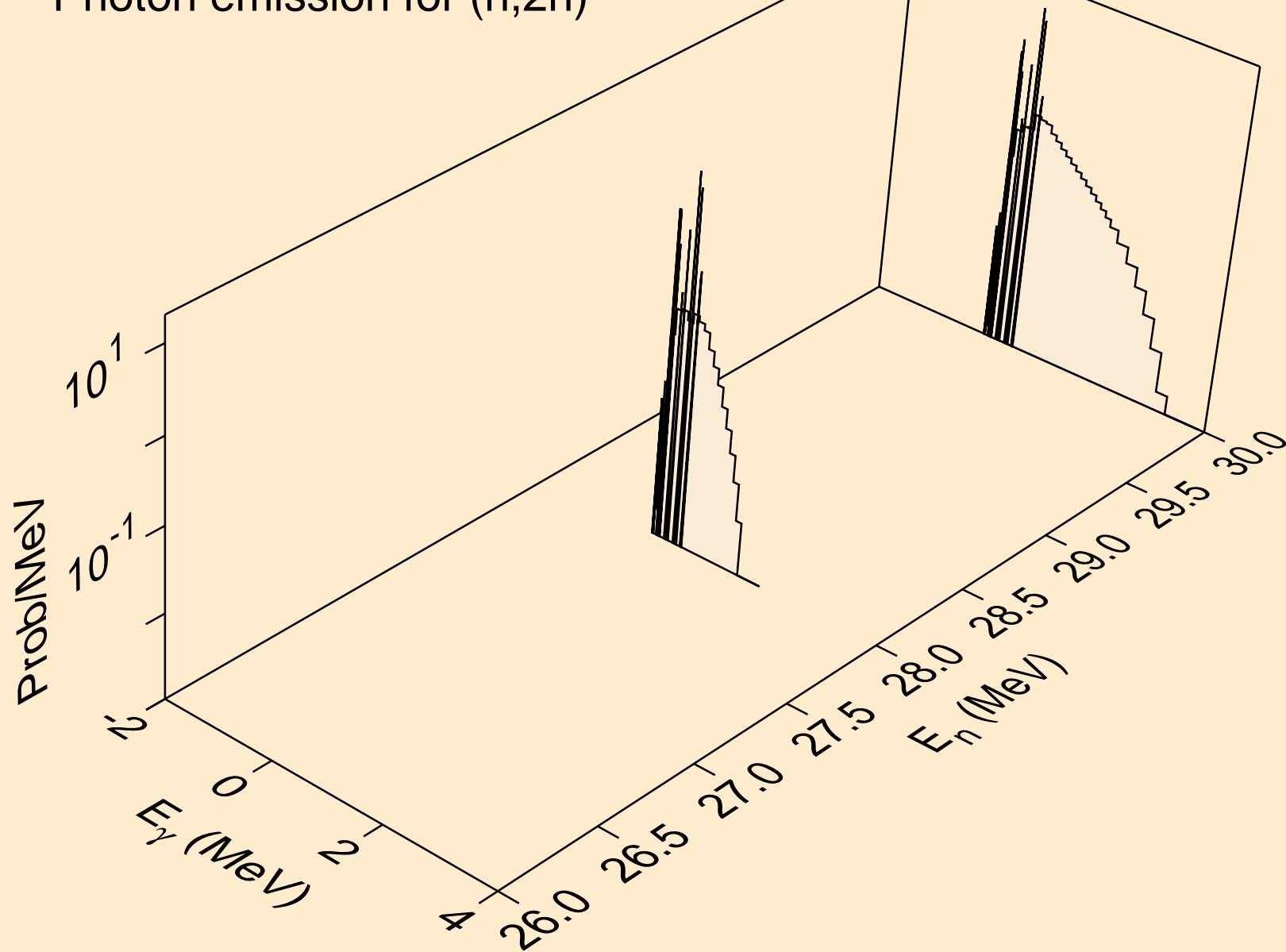




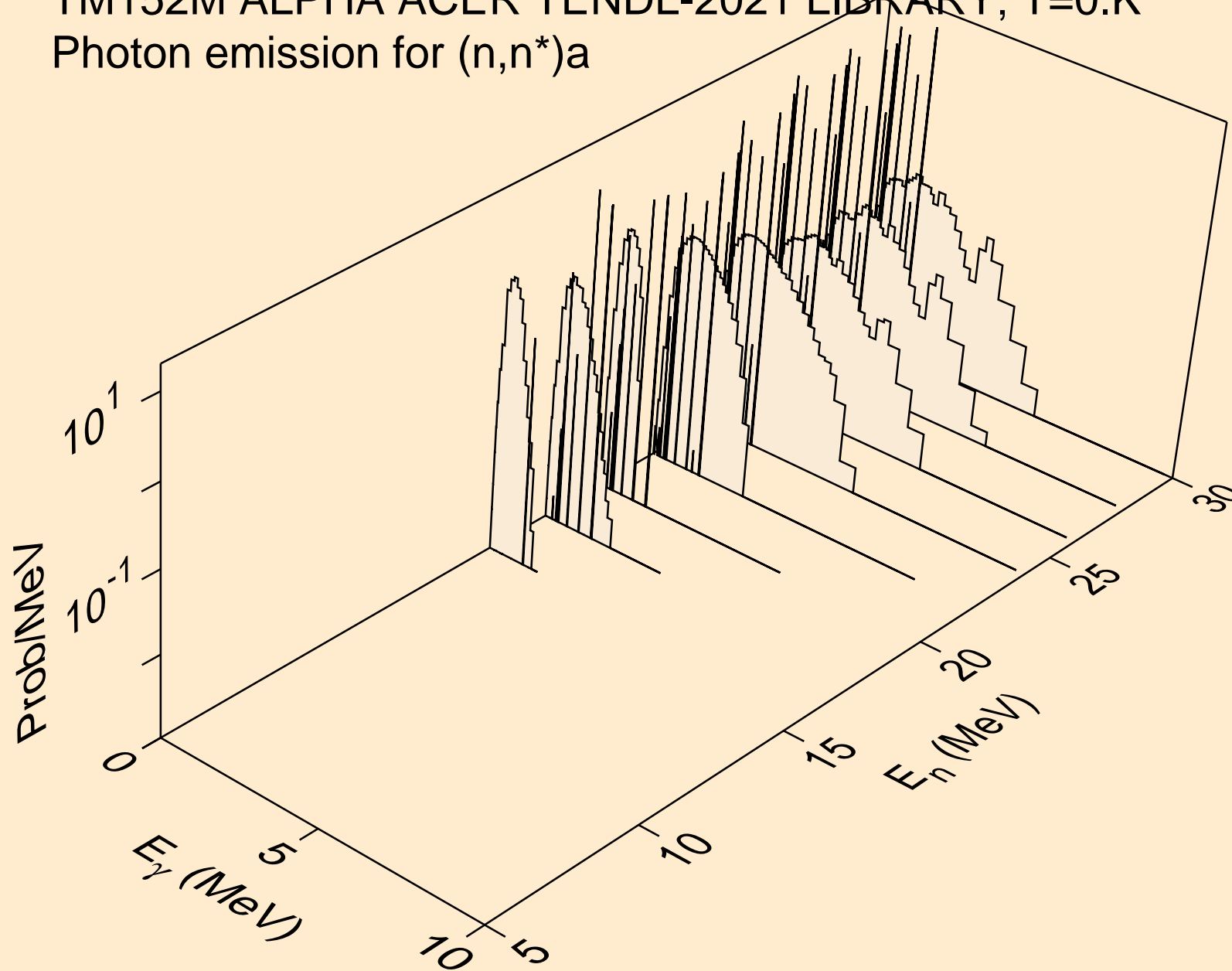
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



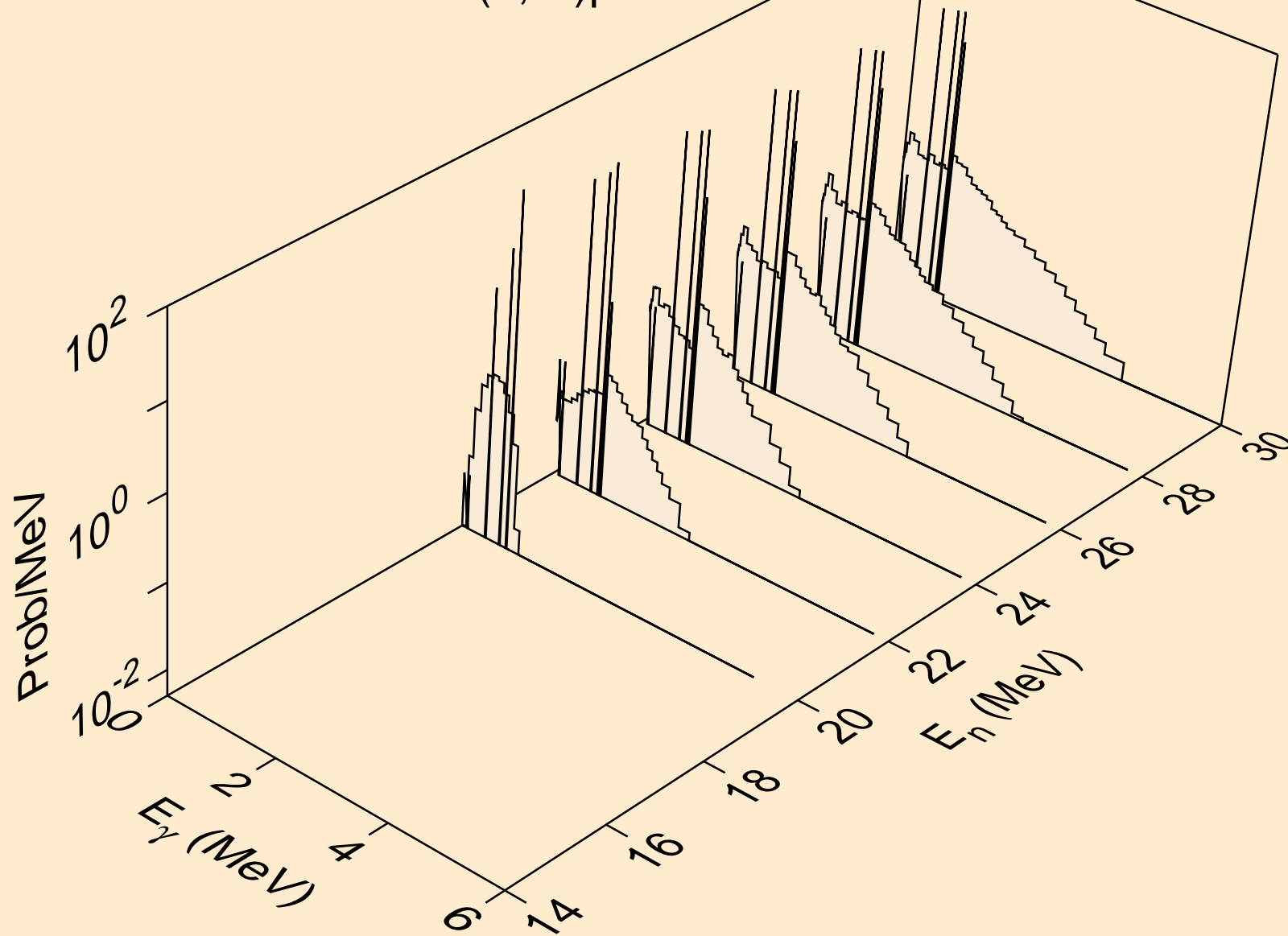
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Photon emission for (n,2n)



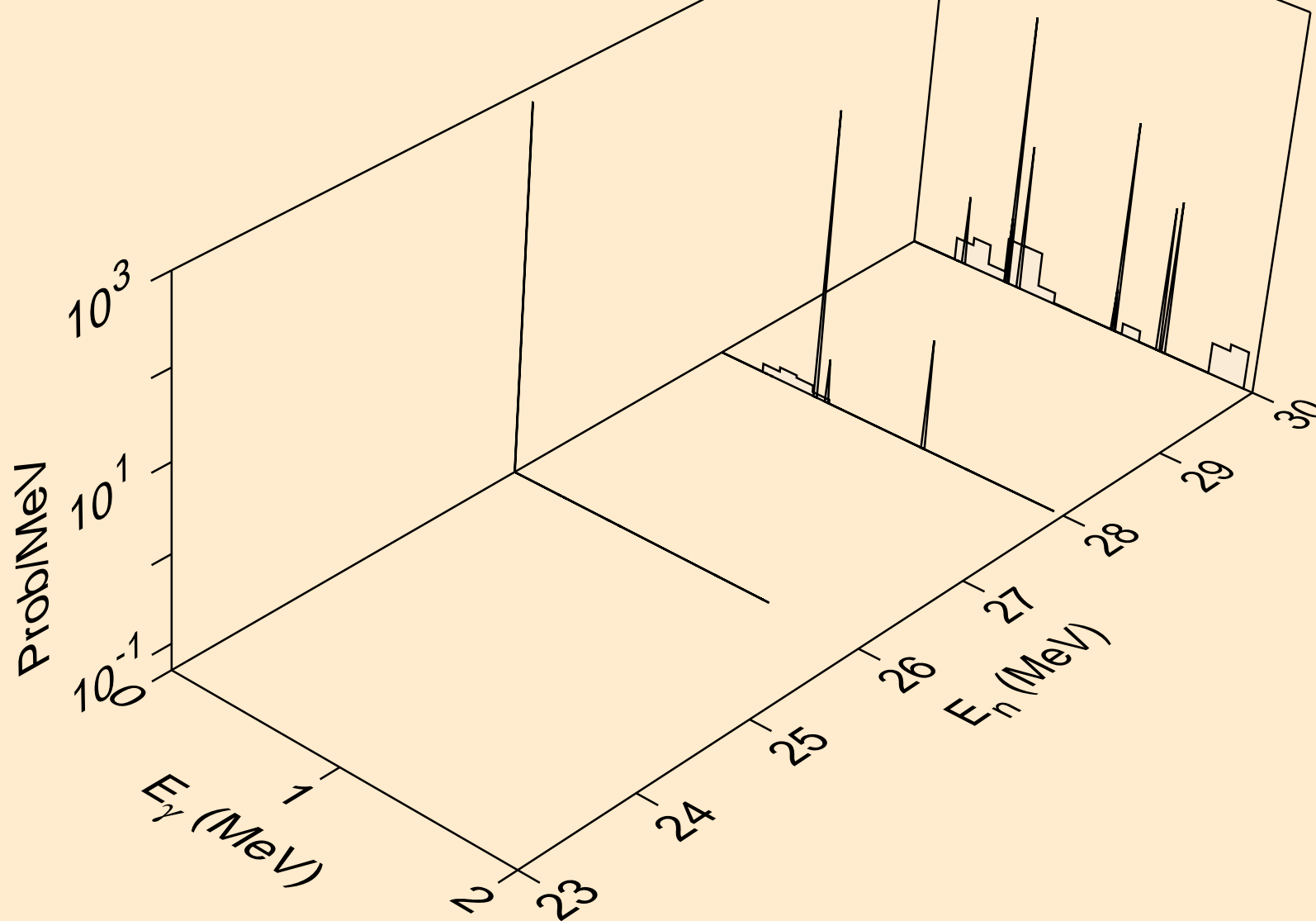
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



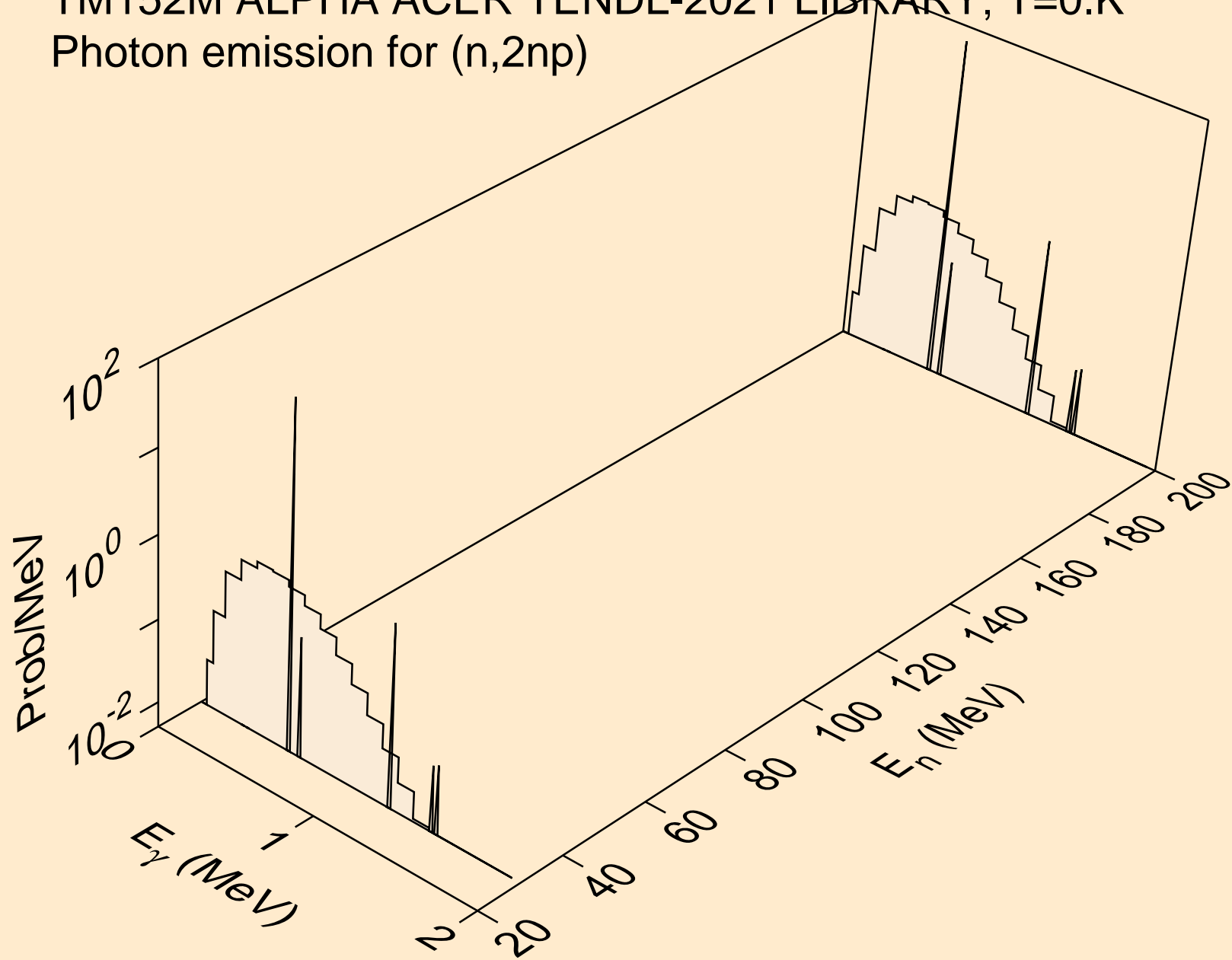
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



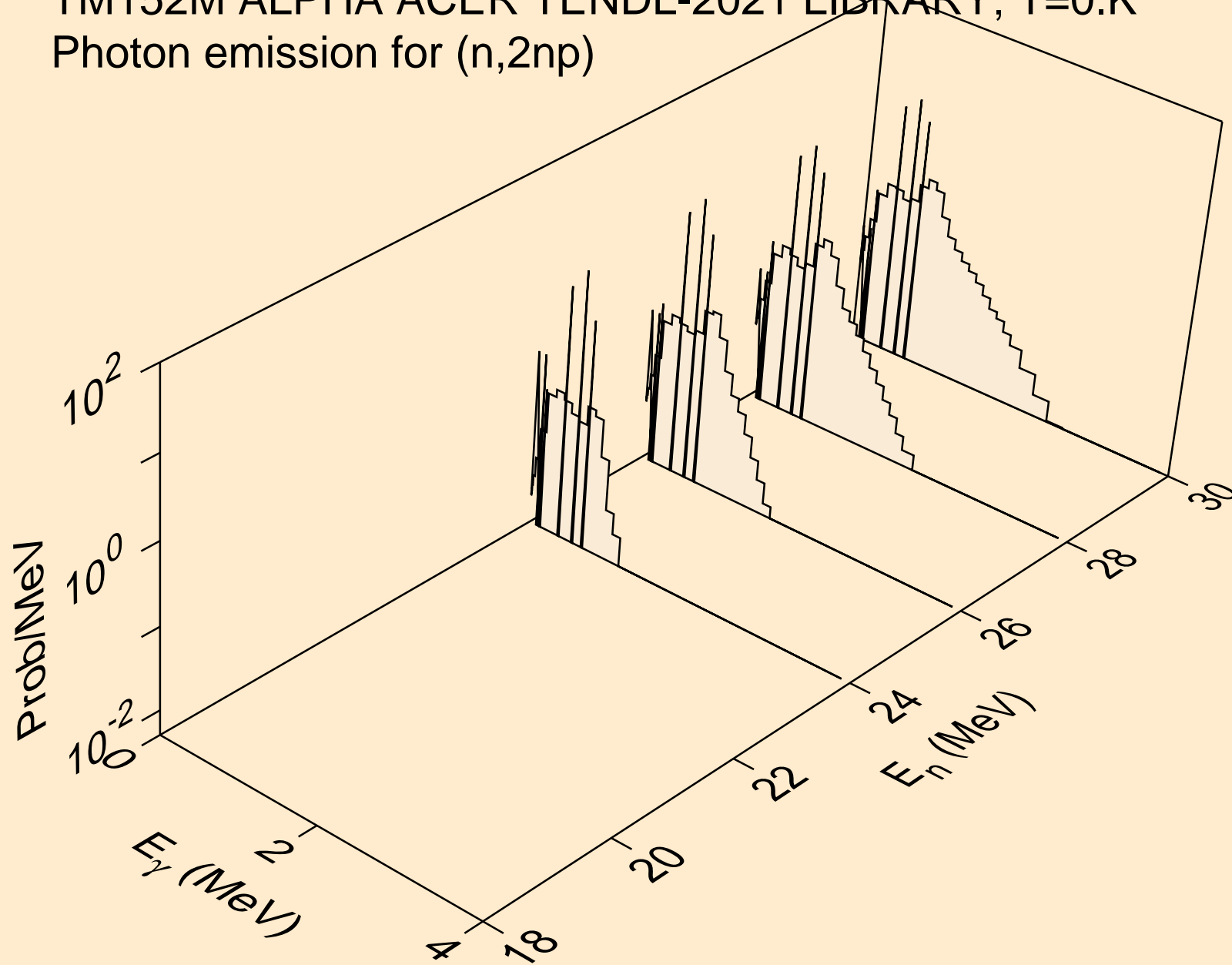
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



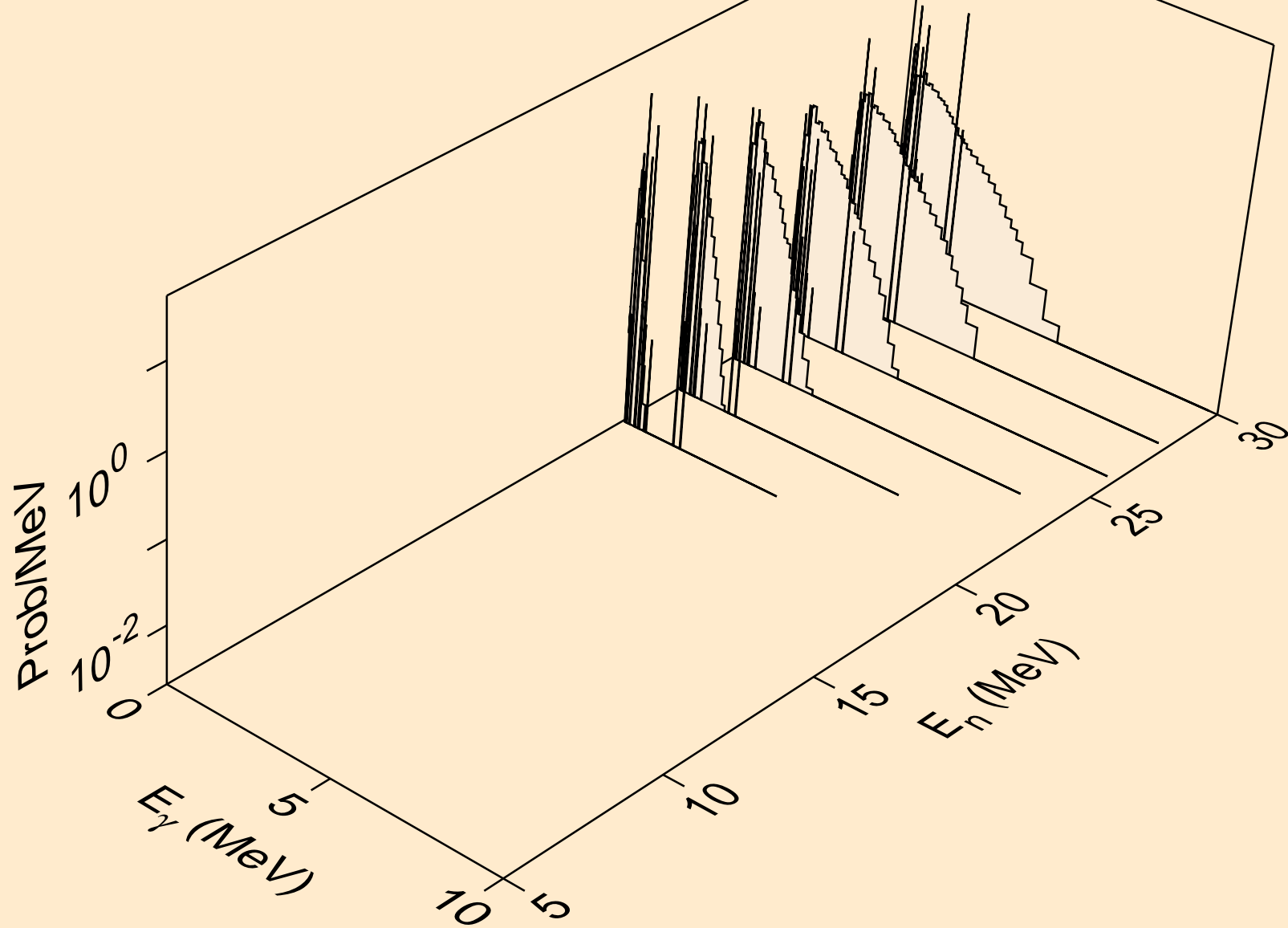
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

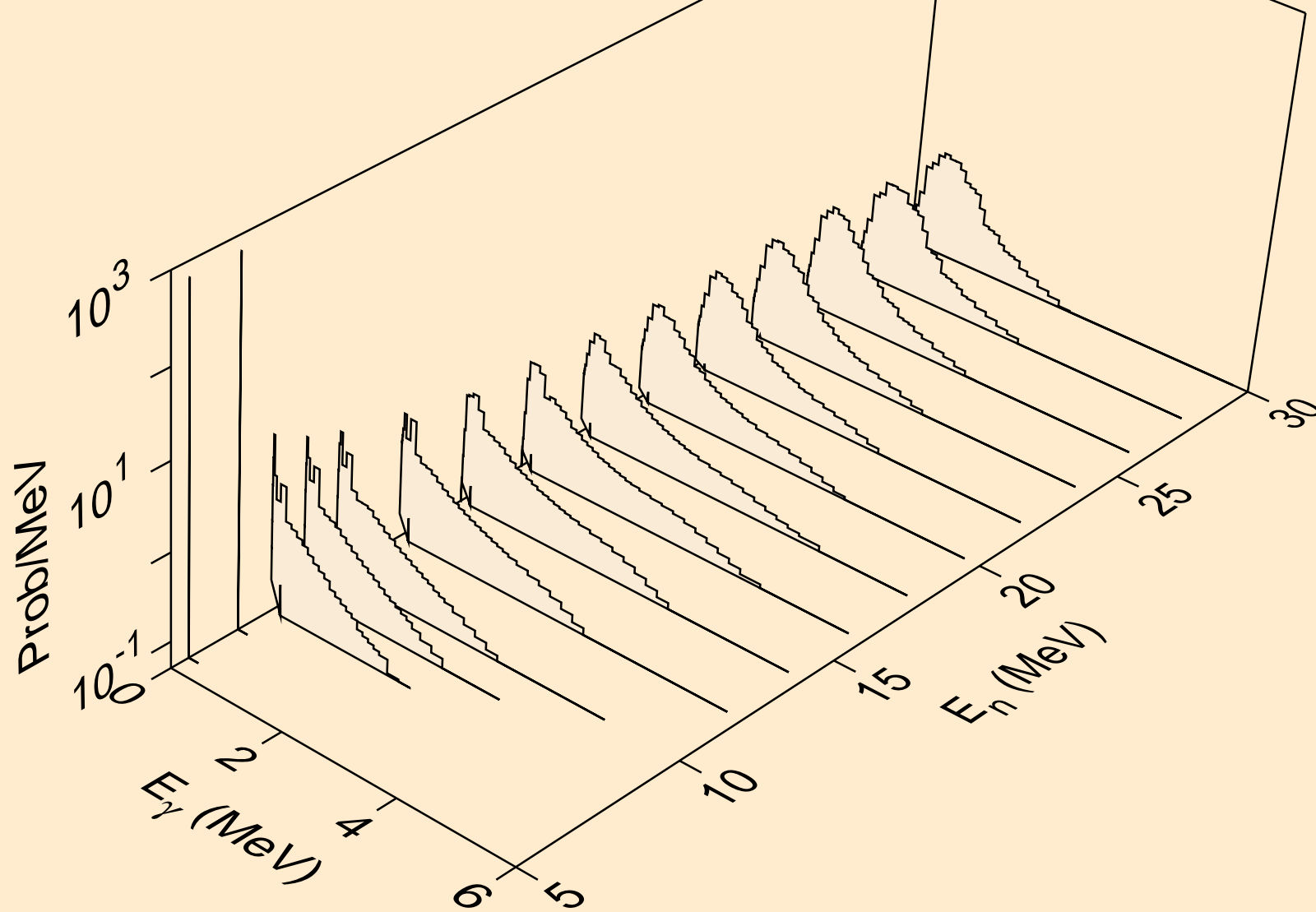


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Photon emission for (n,npa)

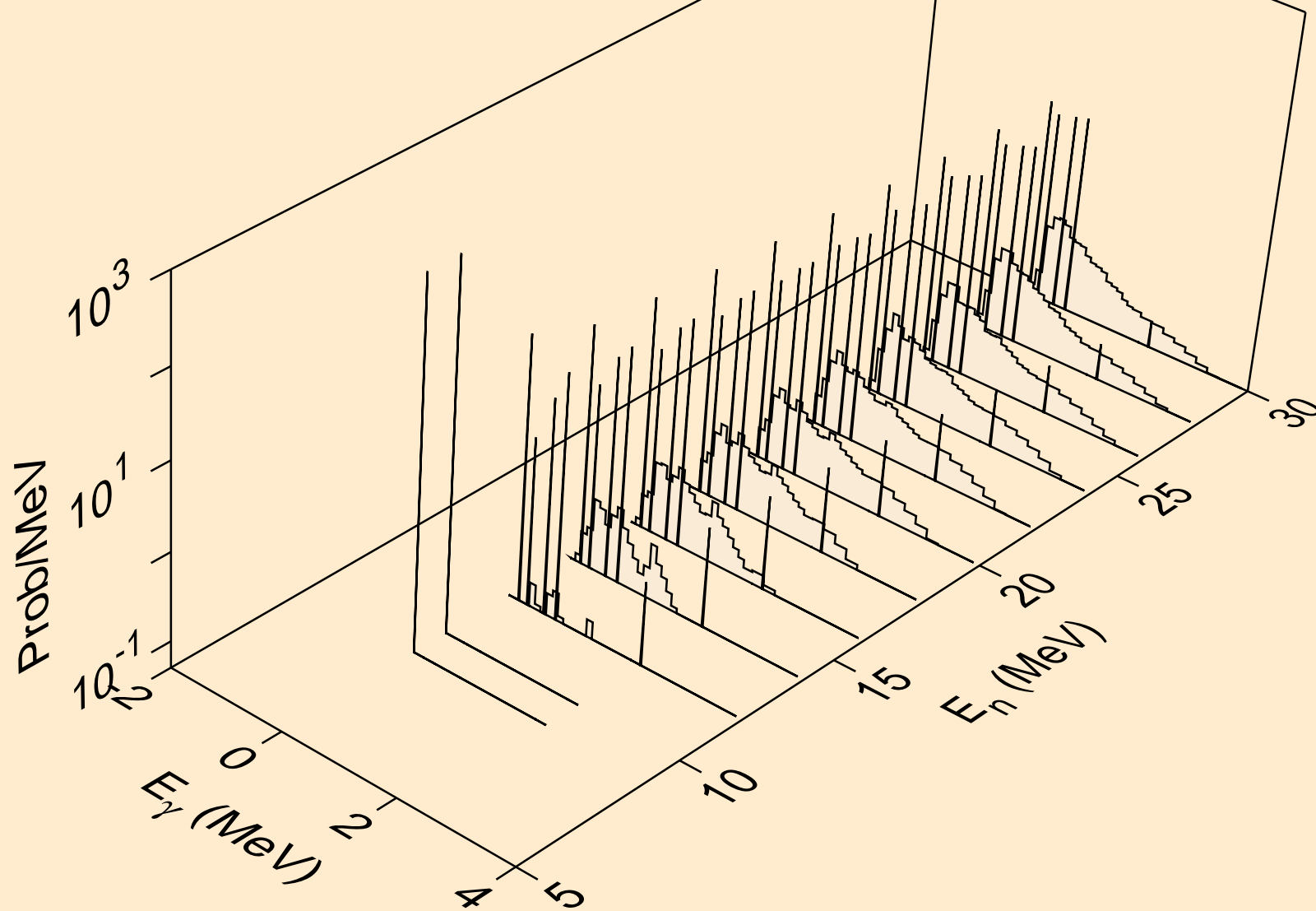




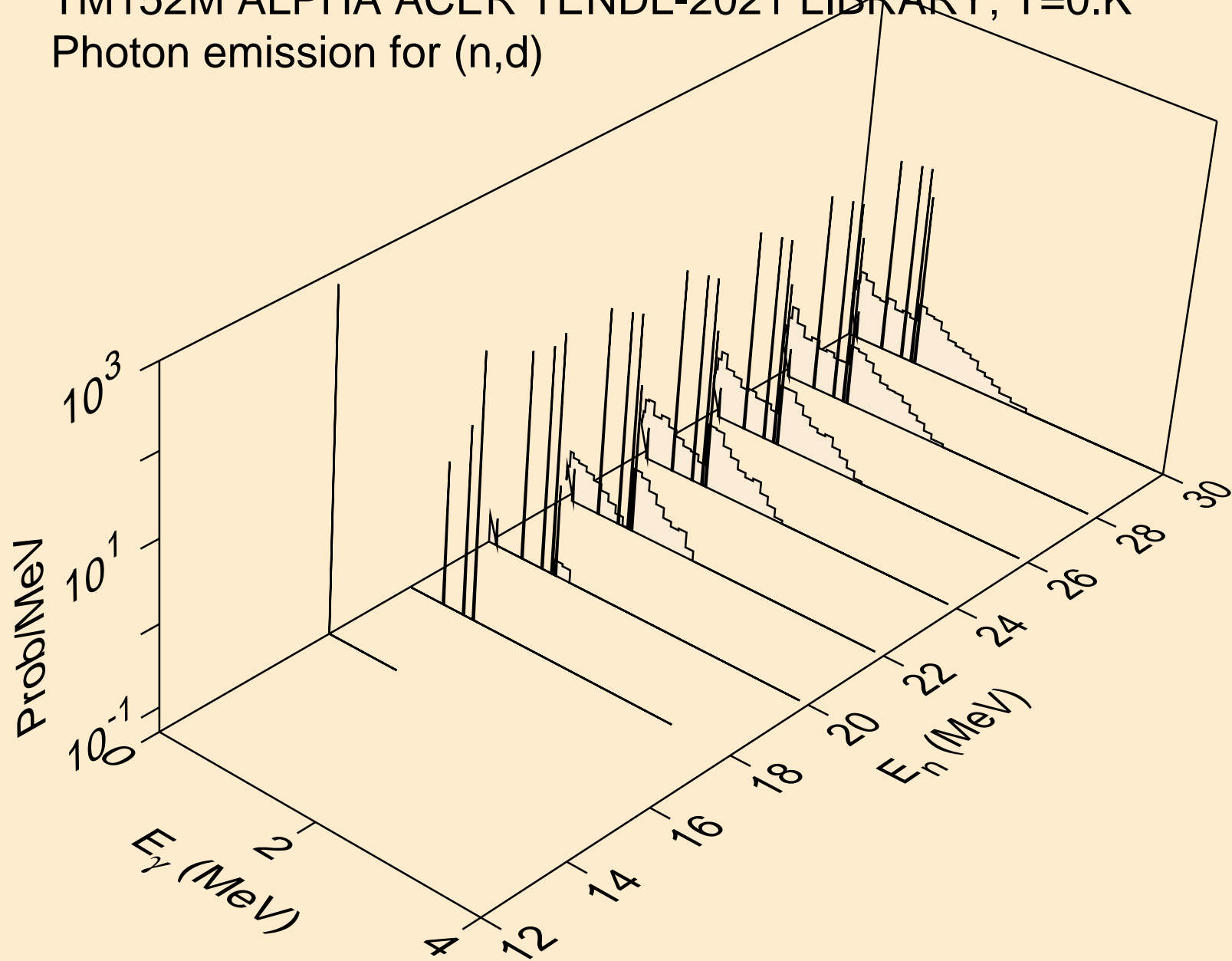
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Photon emission for (n,gma)



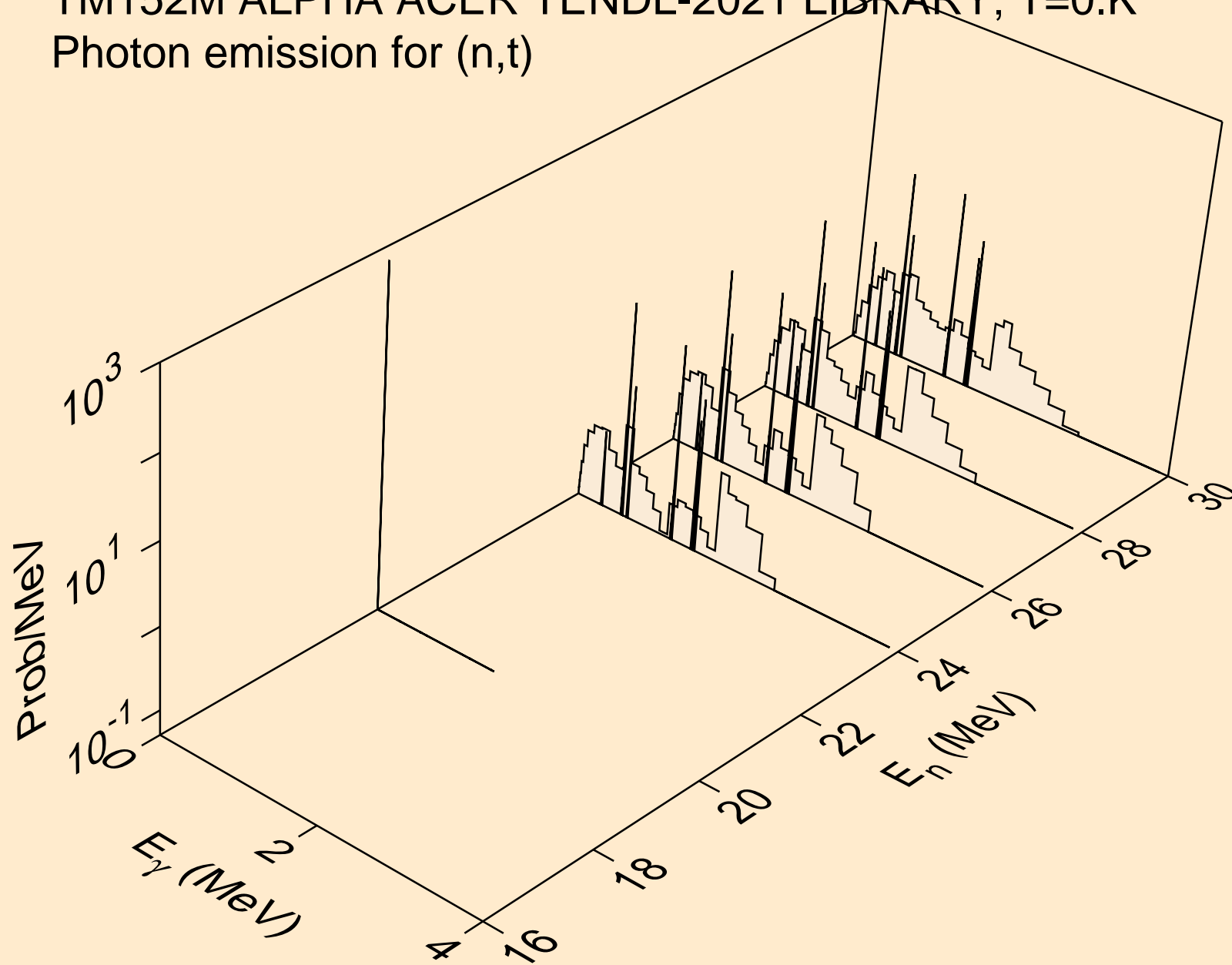
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Photon emission for (n,p)



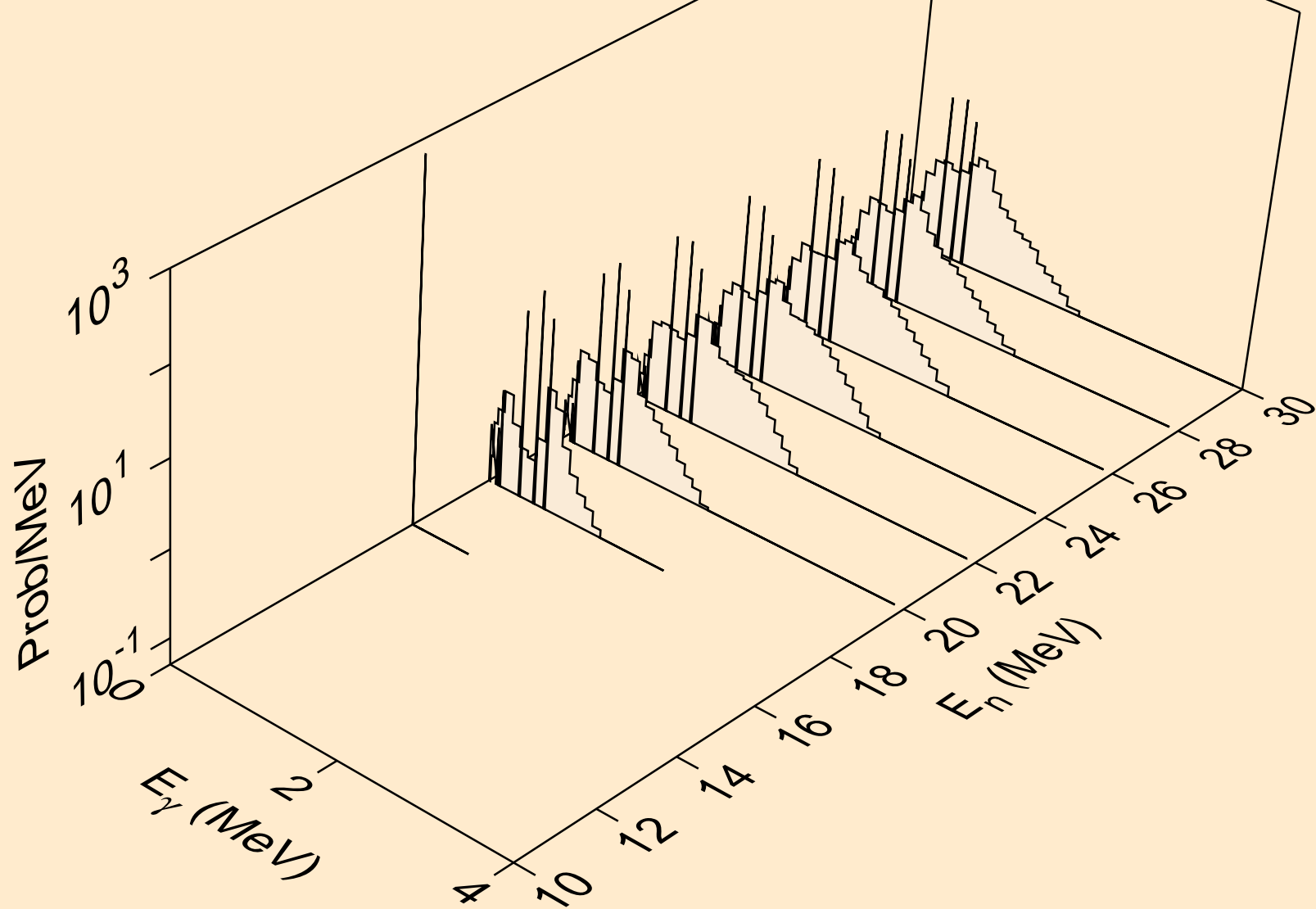
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Photon emission for (n,d)



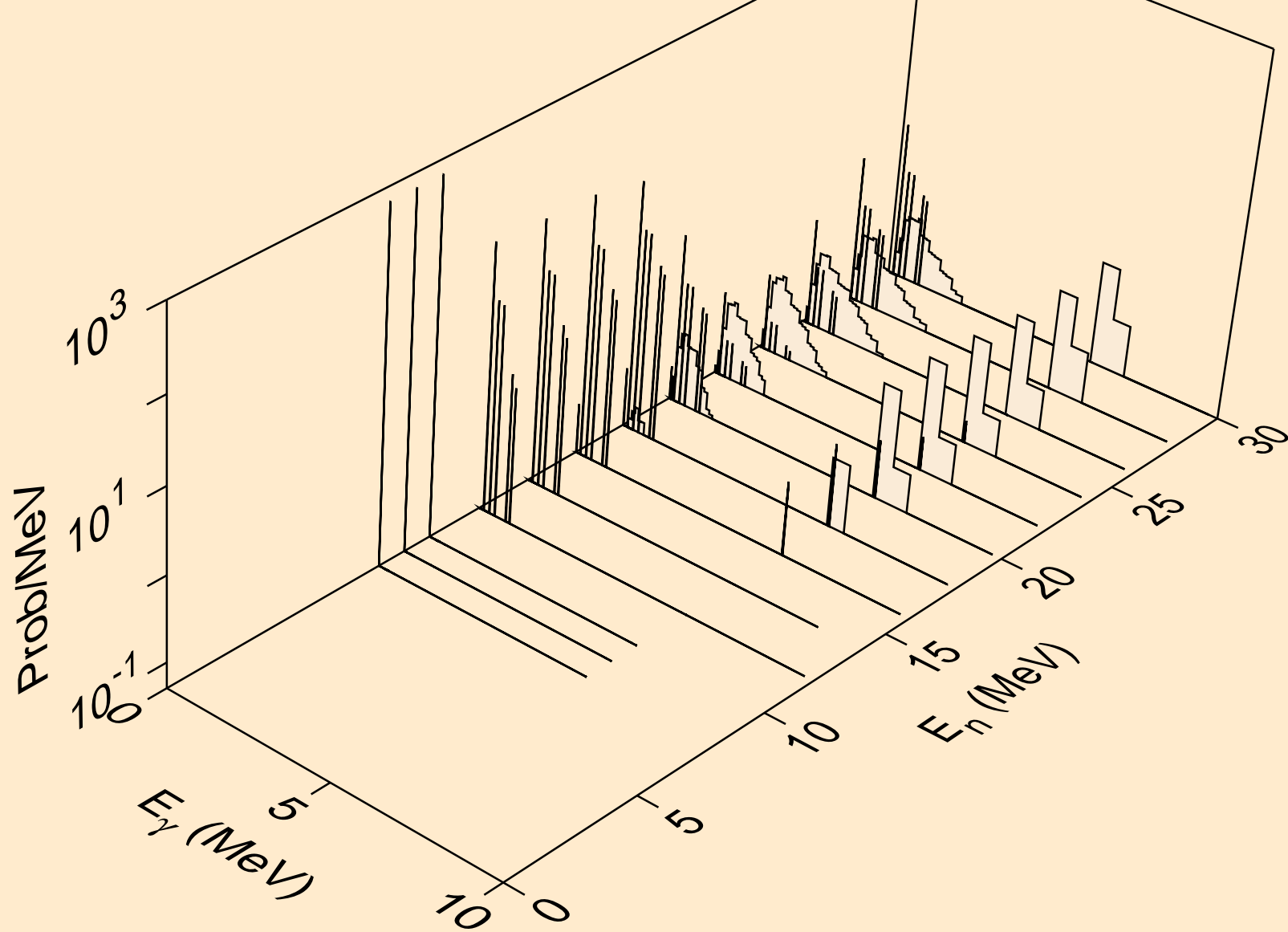
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Photon emission for (n,t)



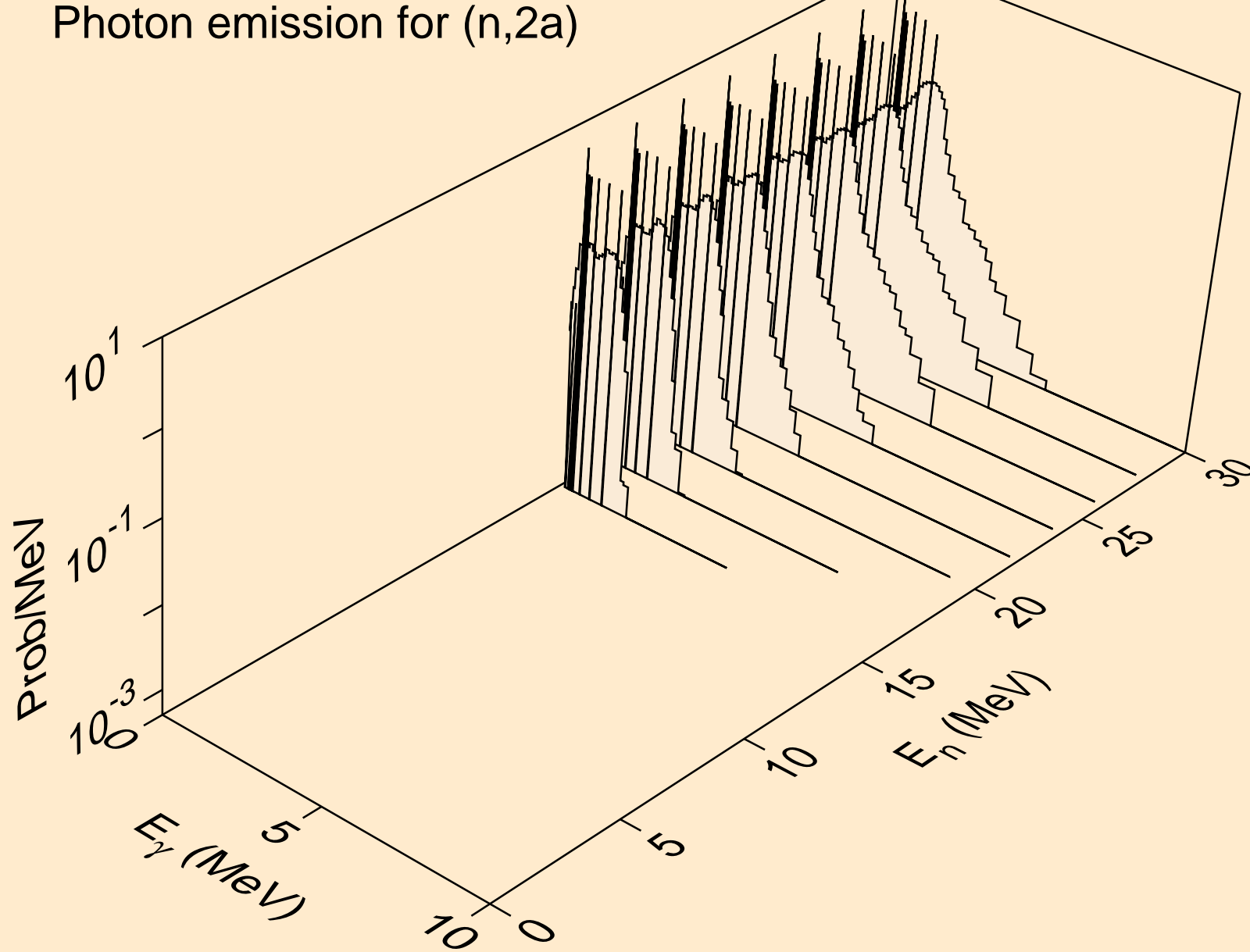
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Photon emission for (n,he3)



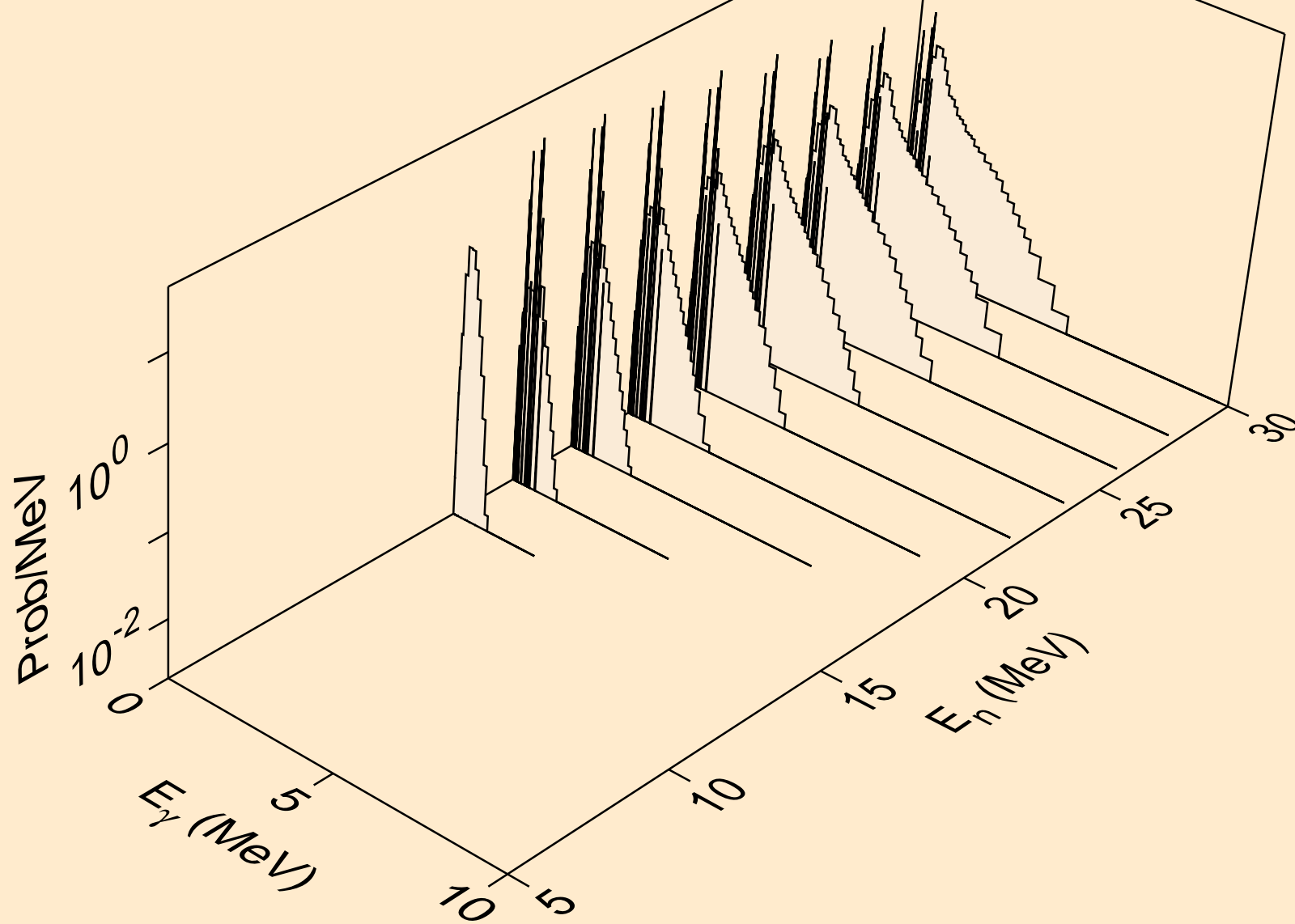
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

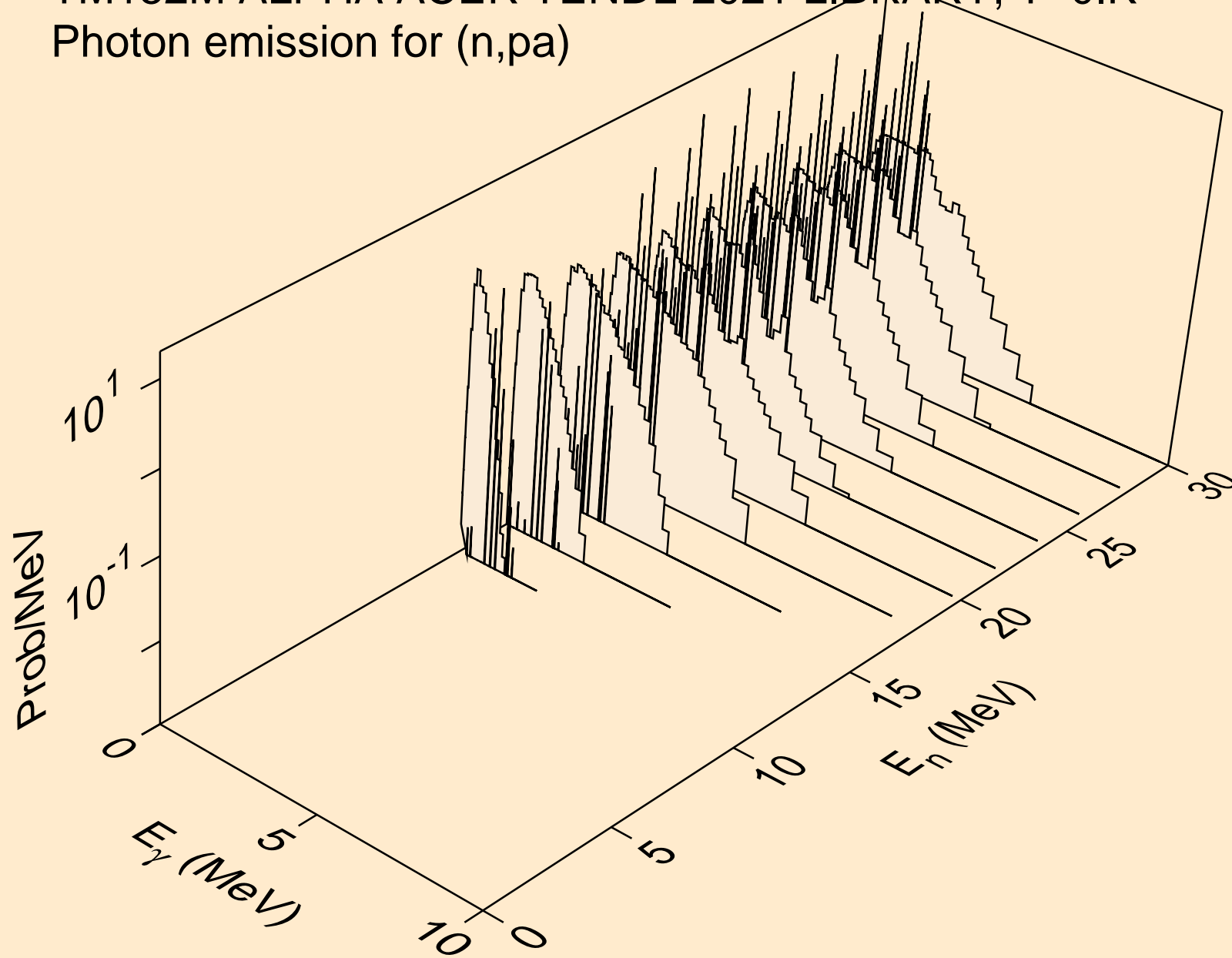


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Photon emission for (n,2p)

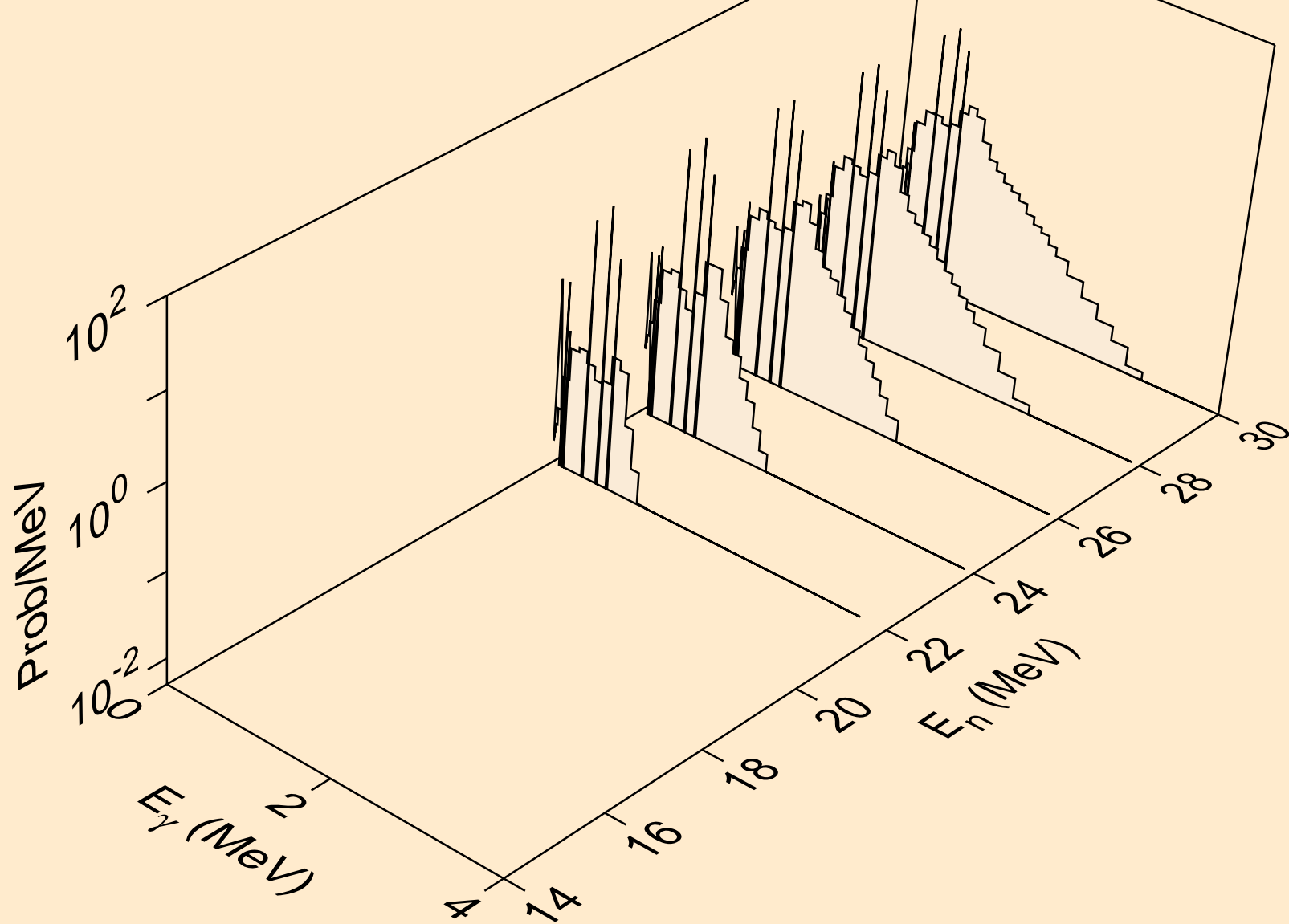




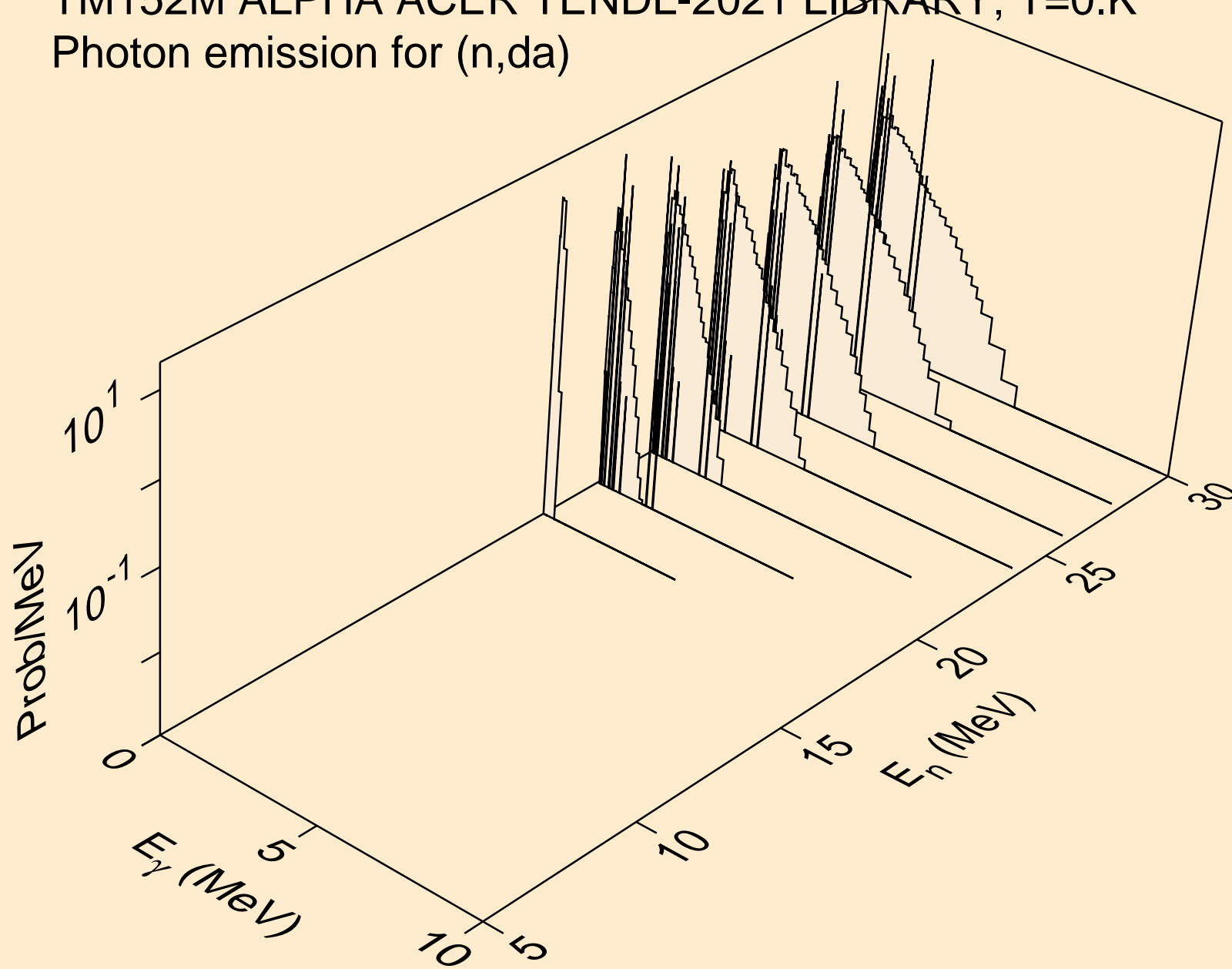
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

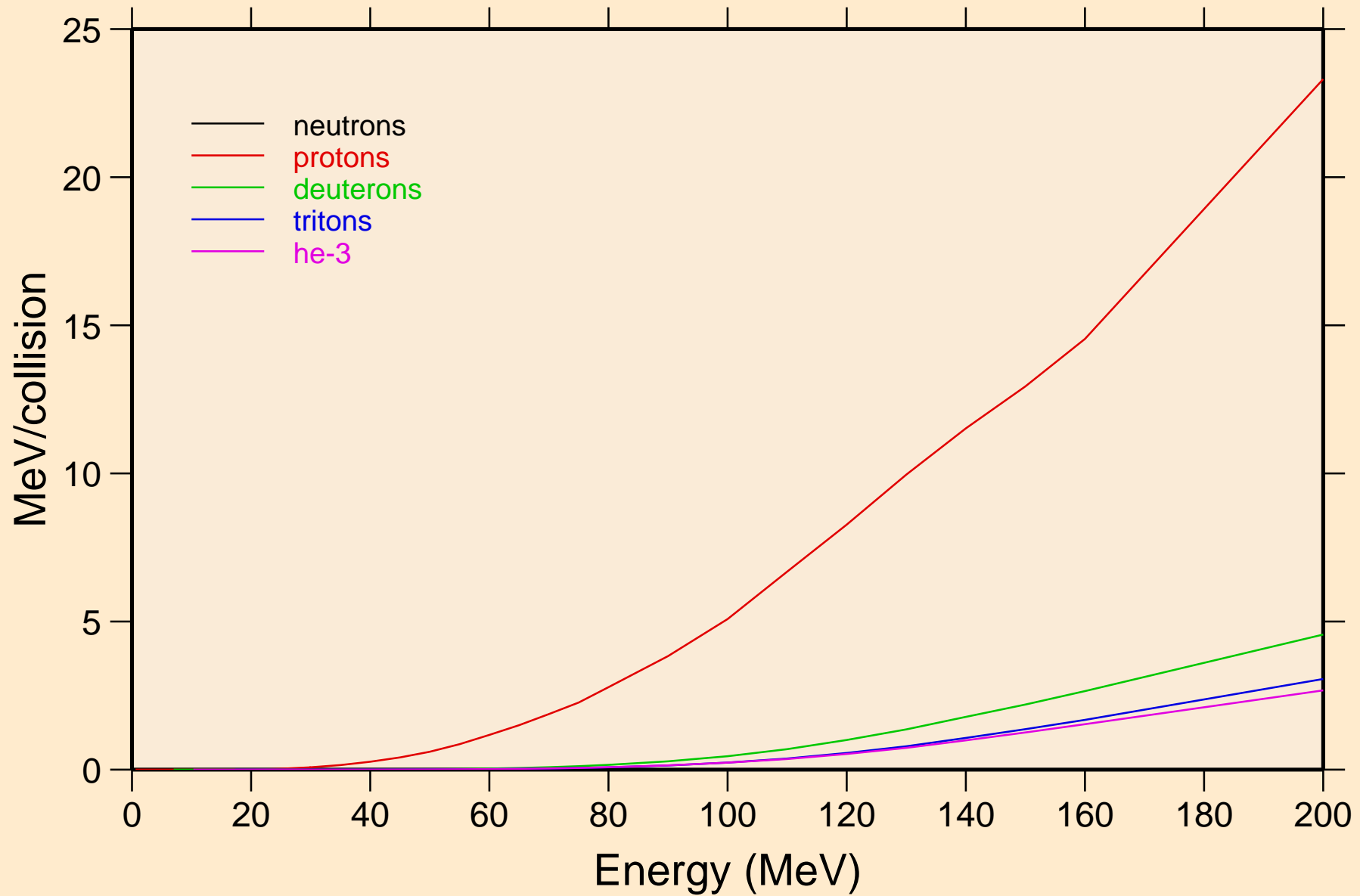


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Photon emission for (n,da)

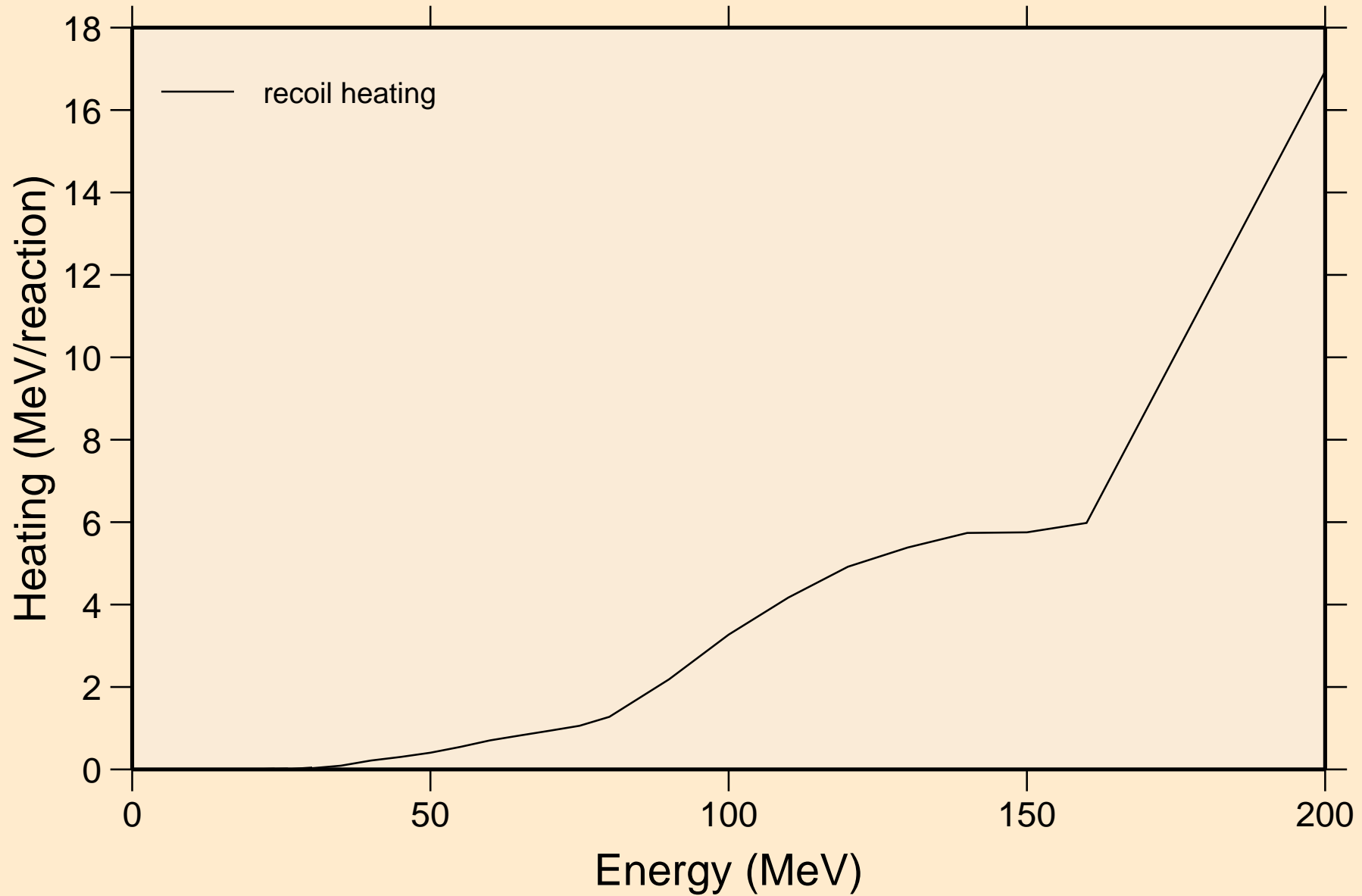


# TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

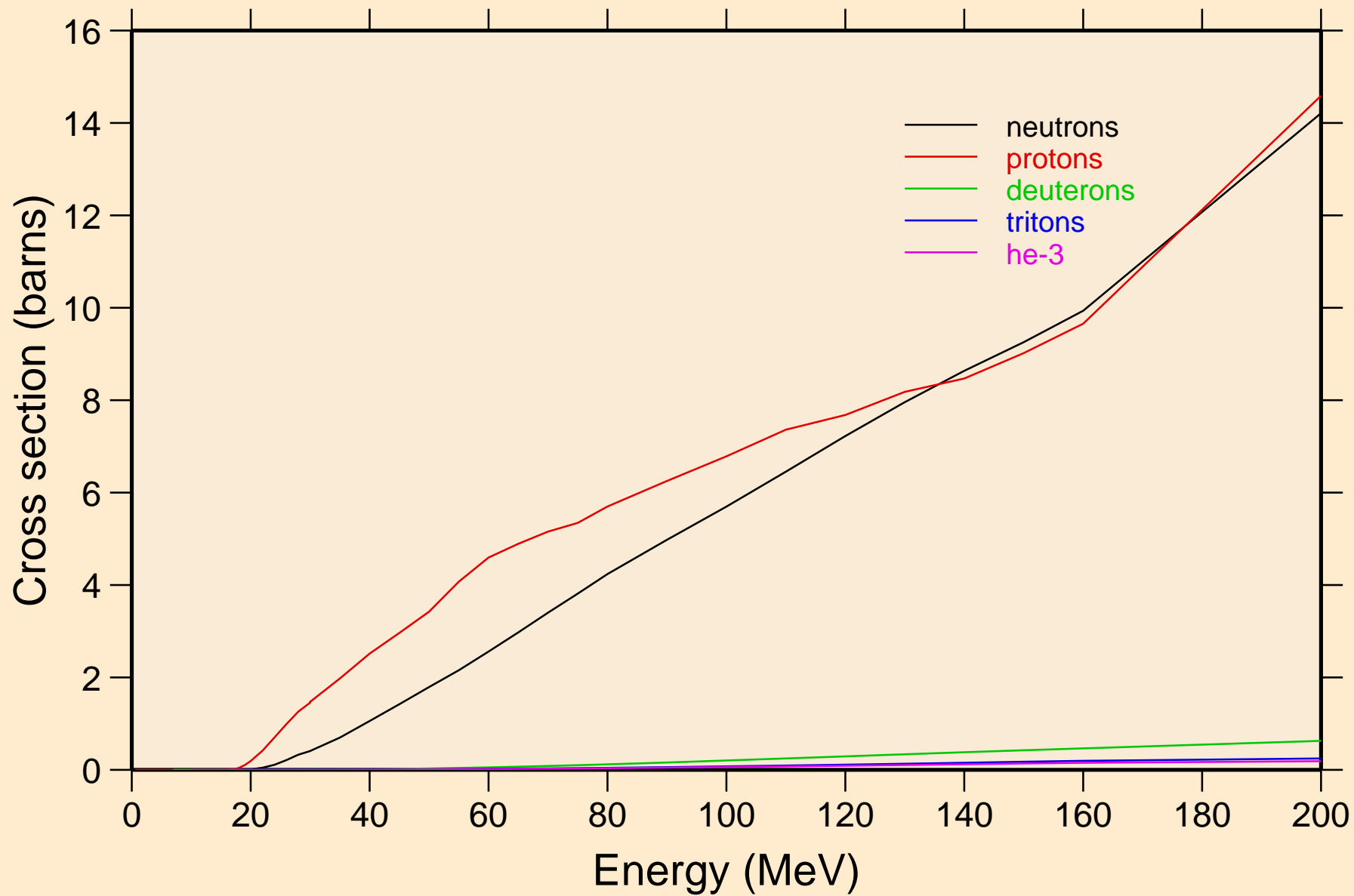
## Particle heating contributions



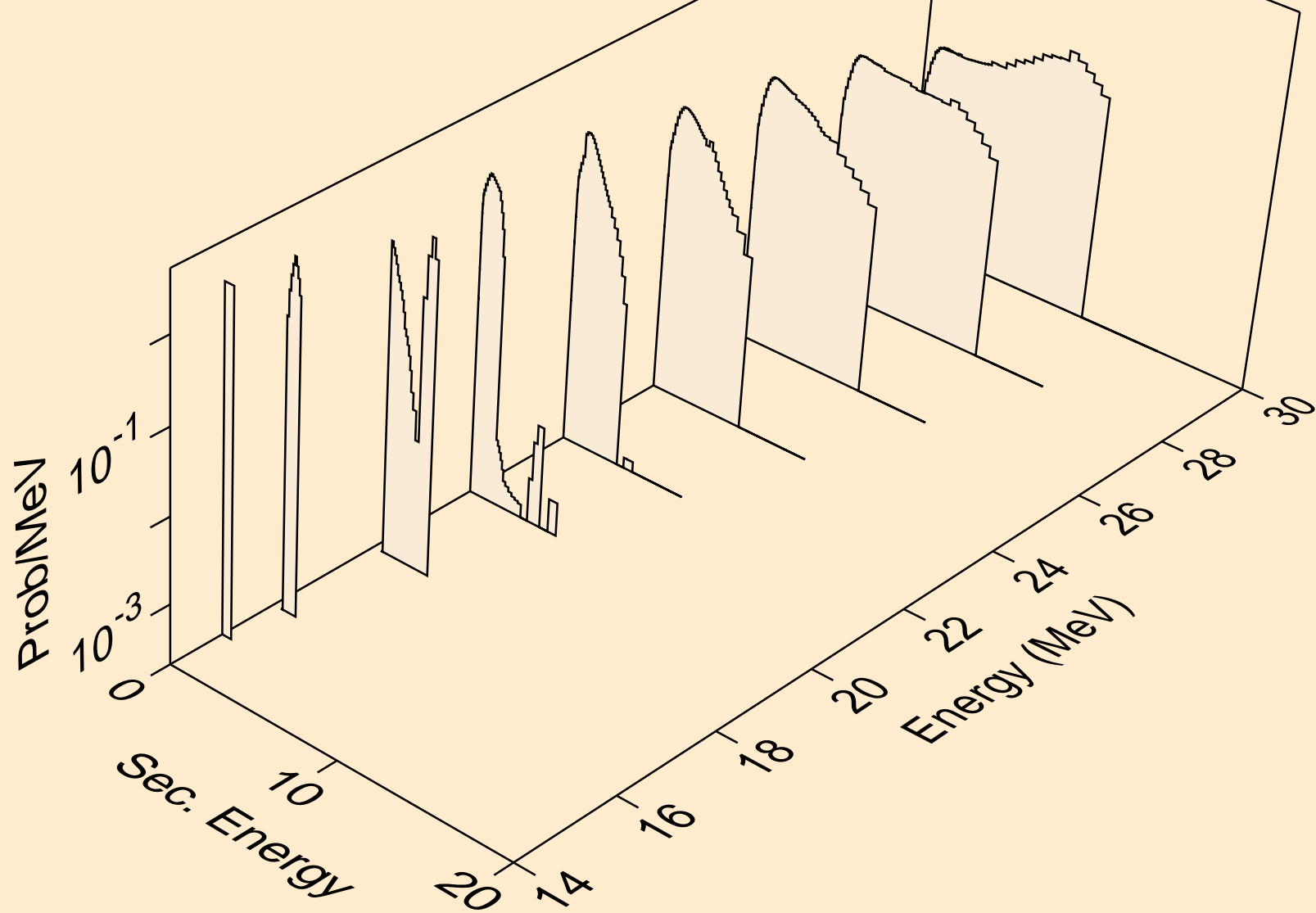
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Recoil Heating



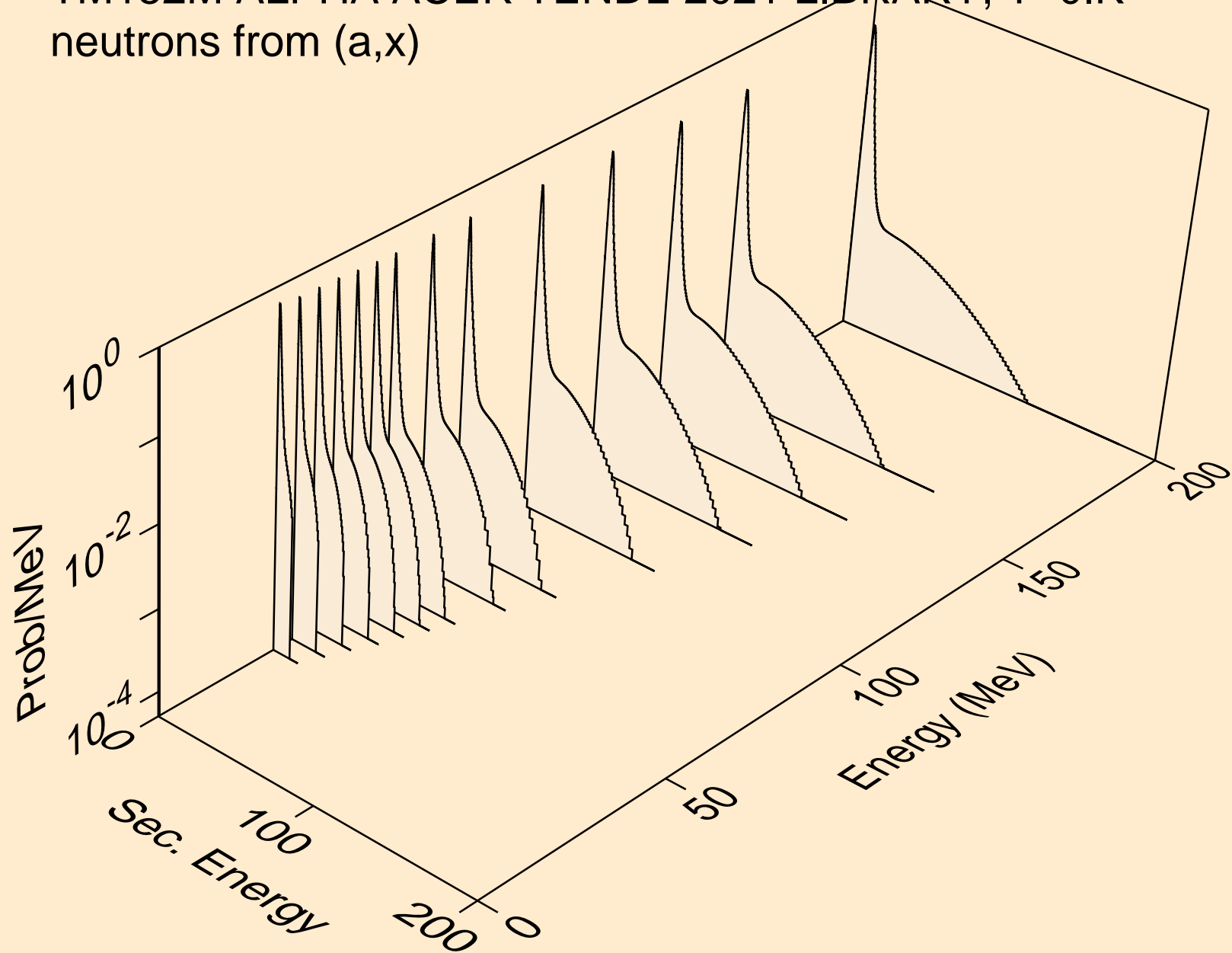
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

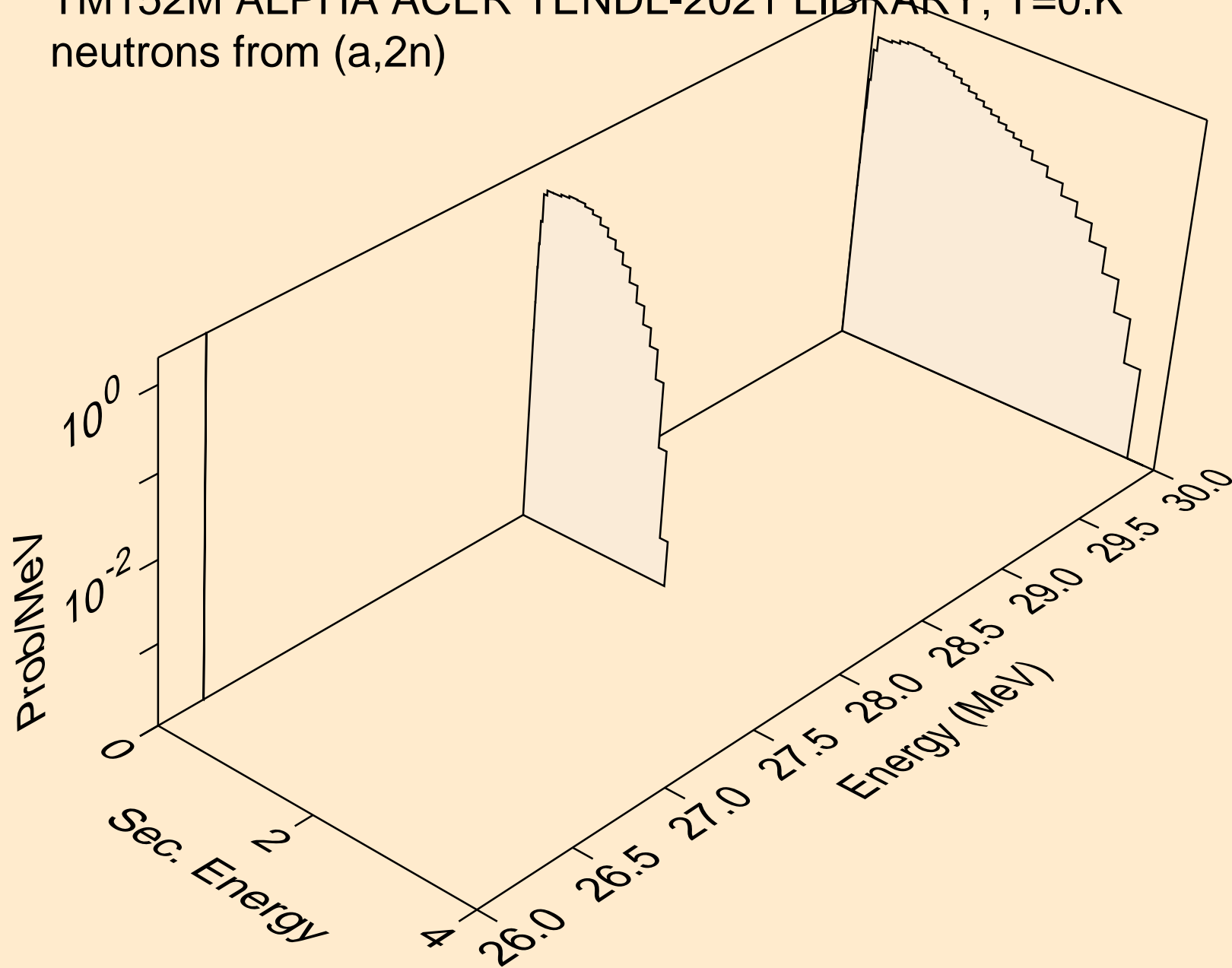


TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

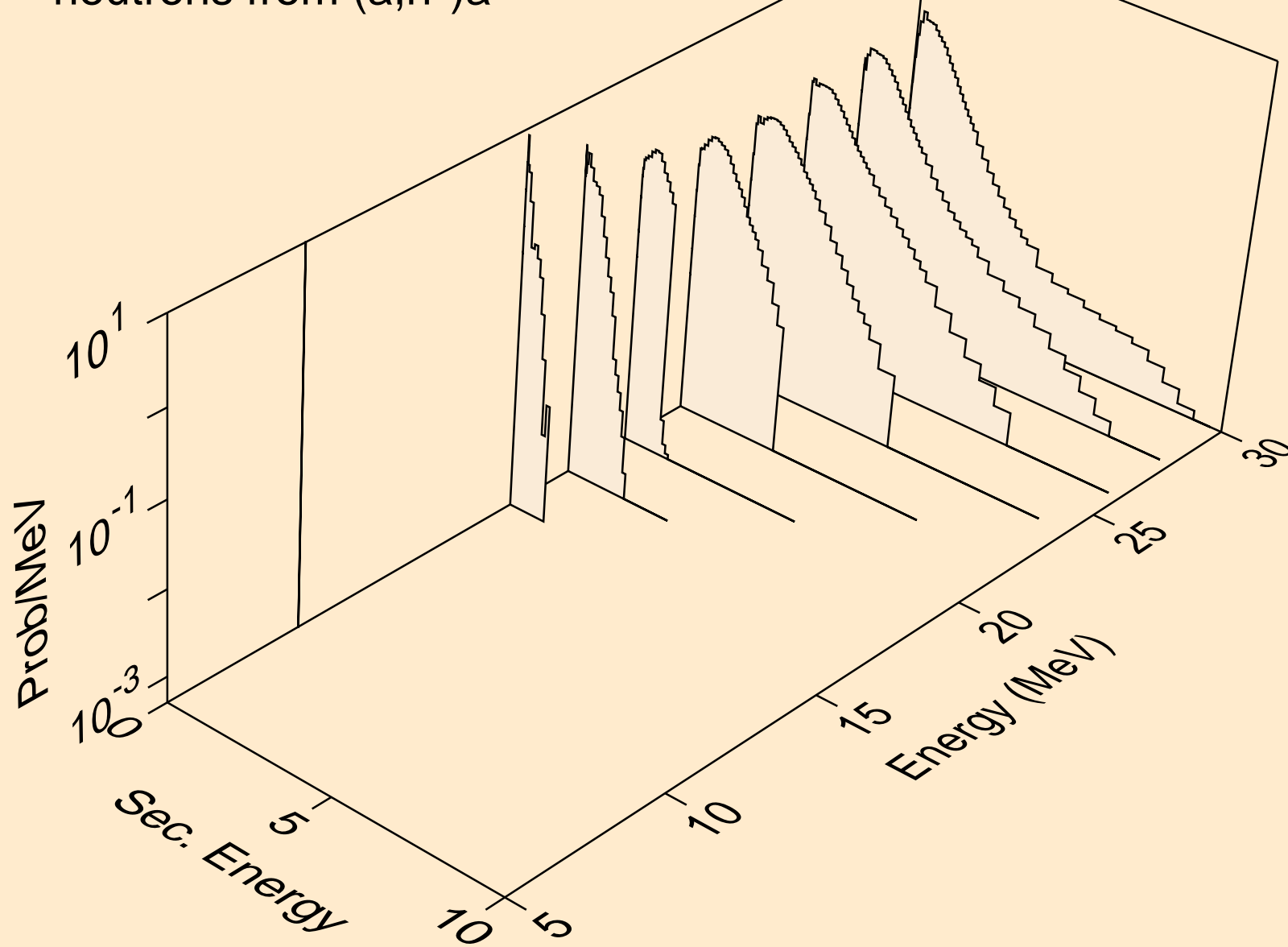




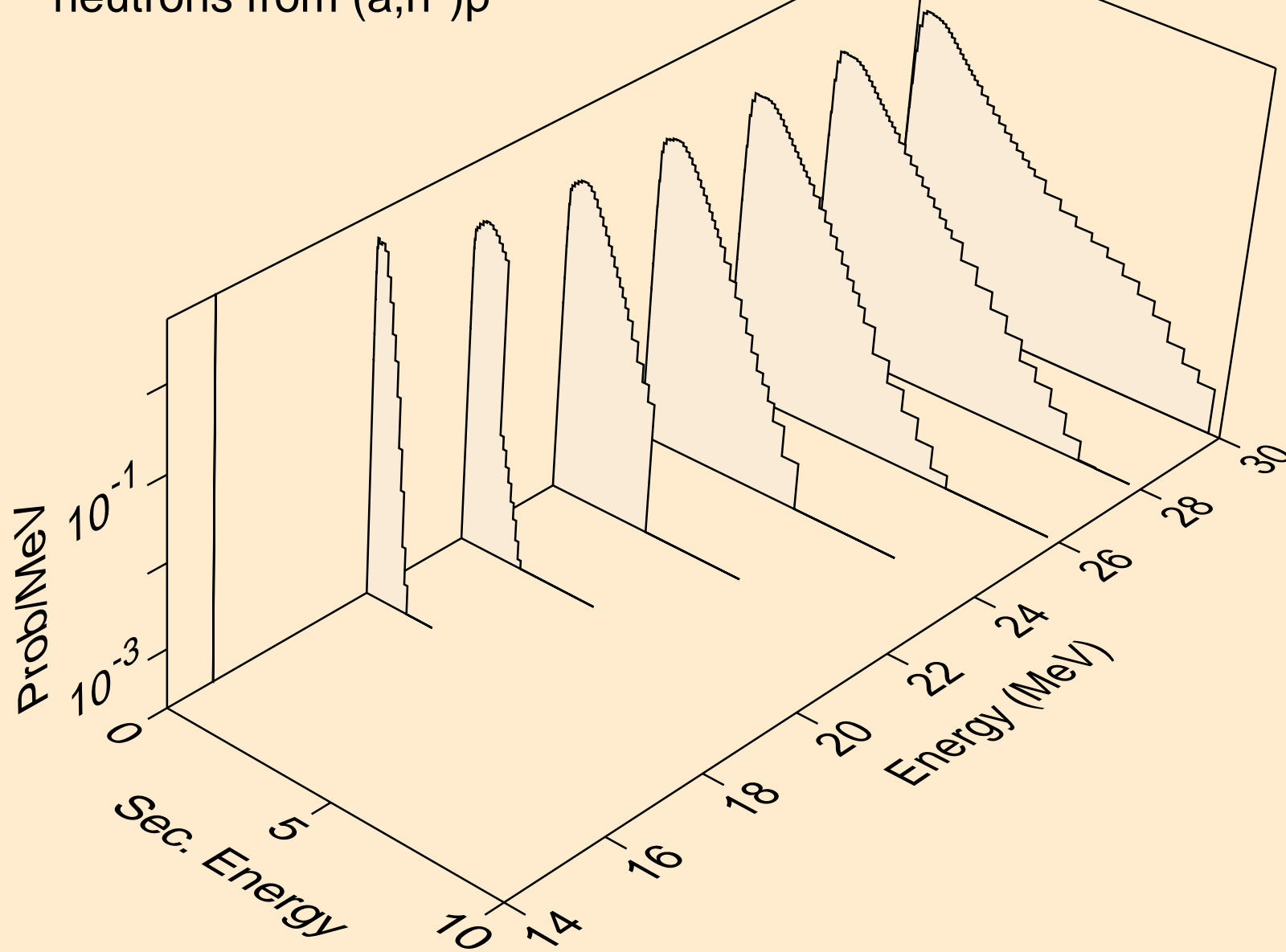
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



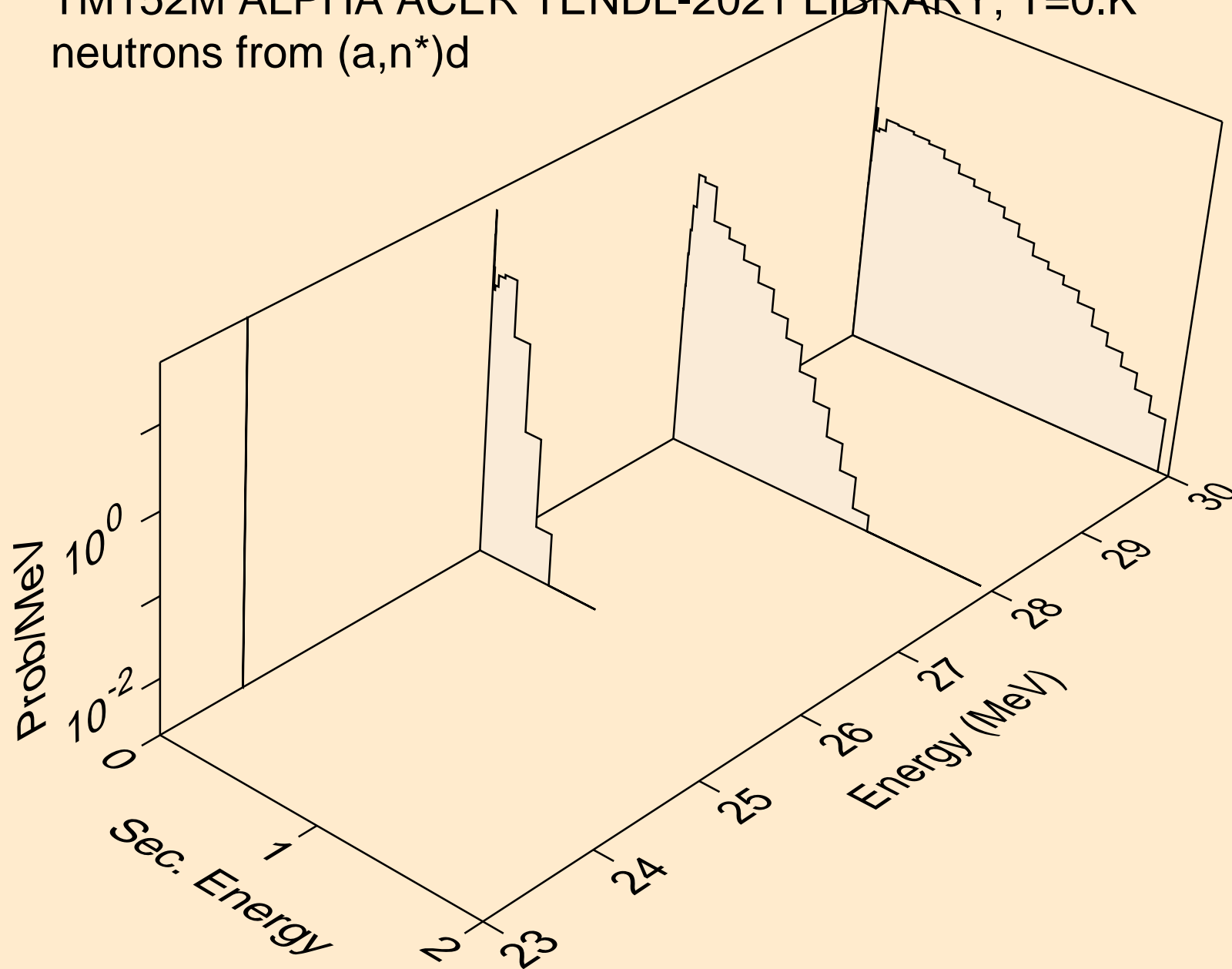
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



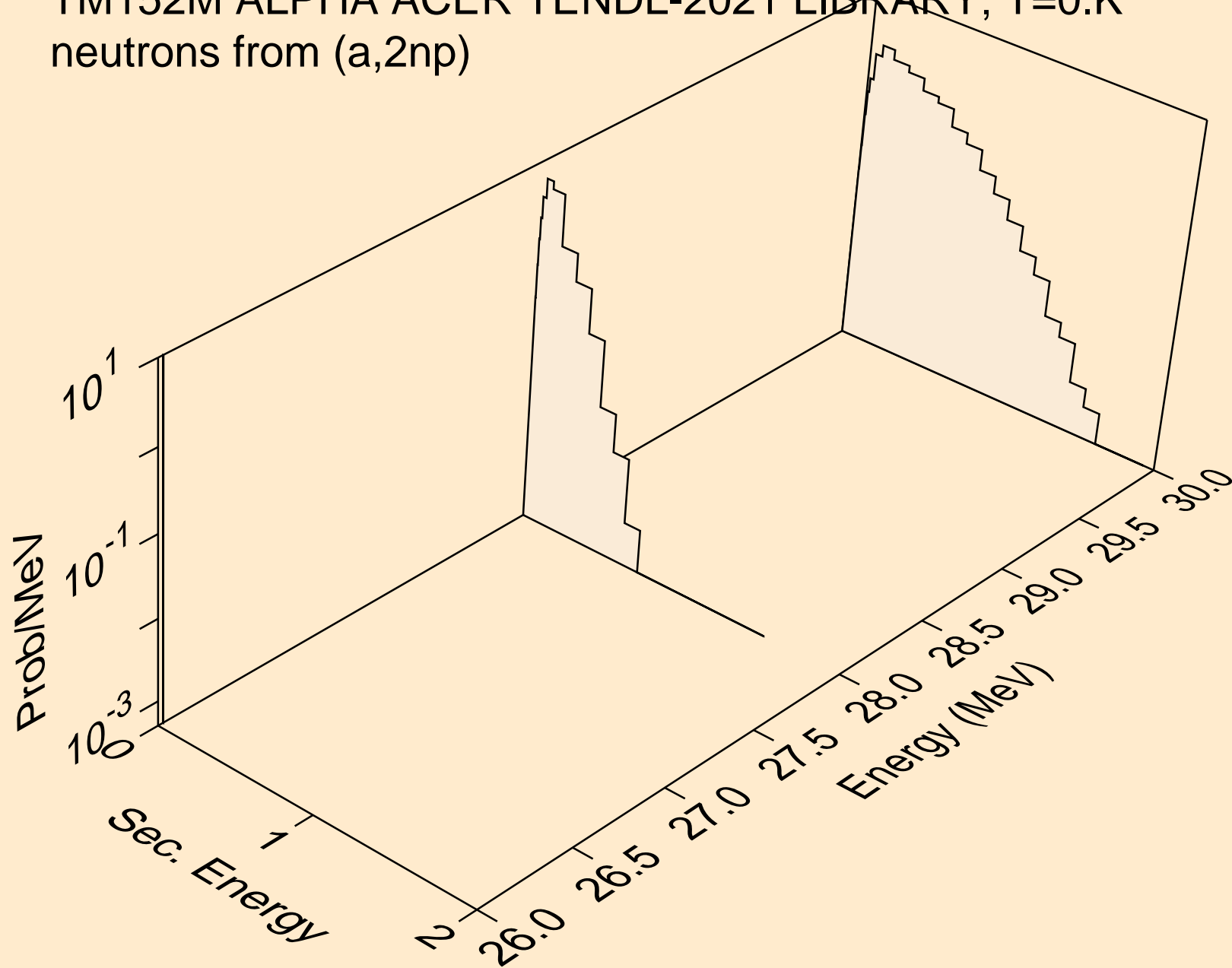
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neutrons from (a,n\*)p



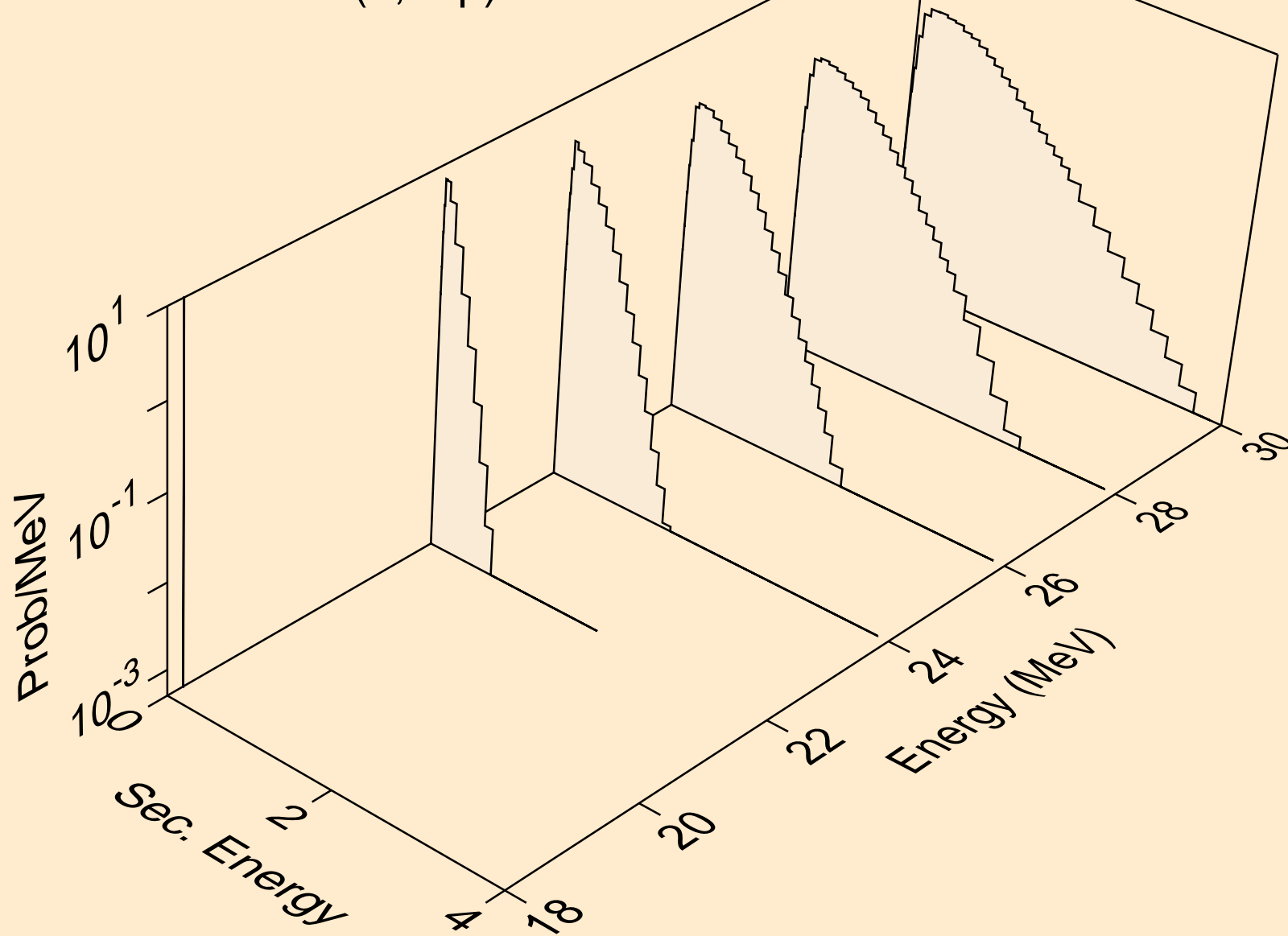
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neutrons from (a,n\*)d



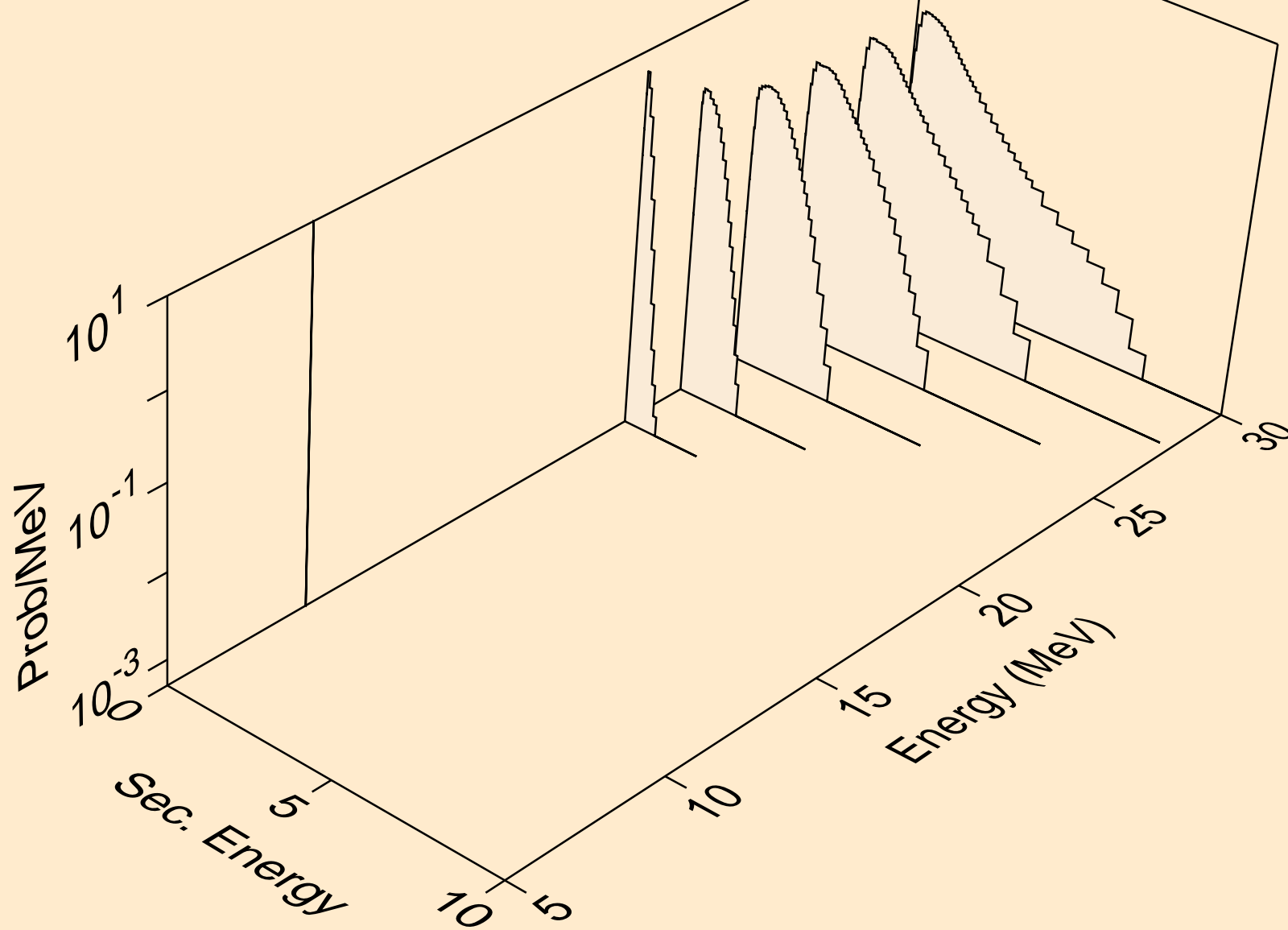
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neutrons from (a,2np)



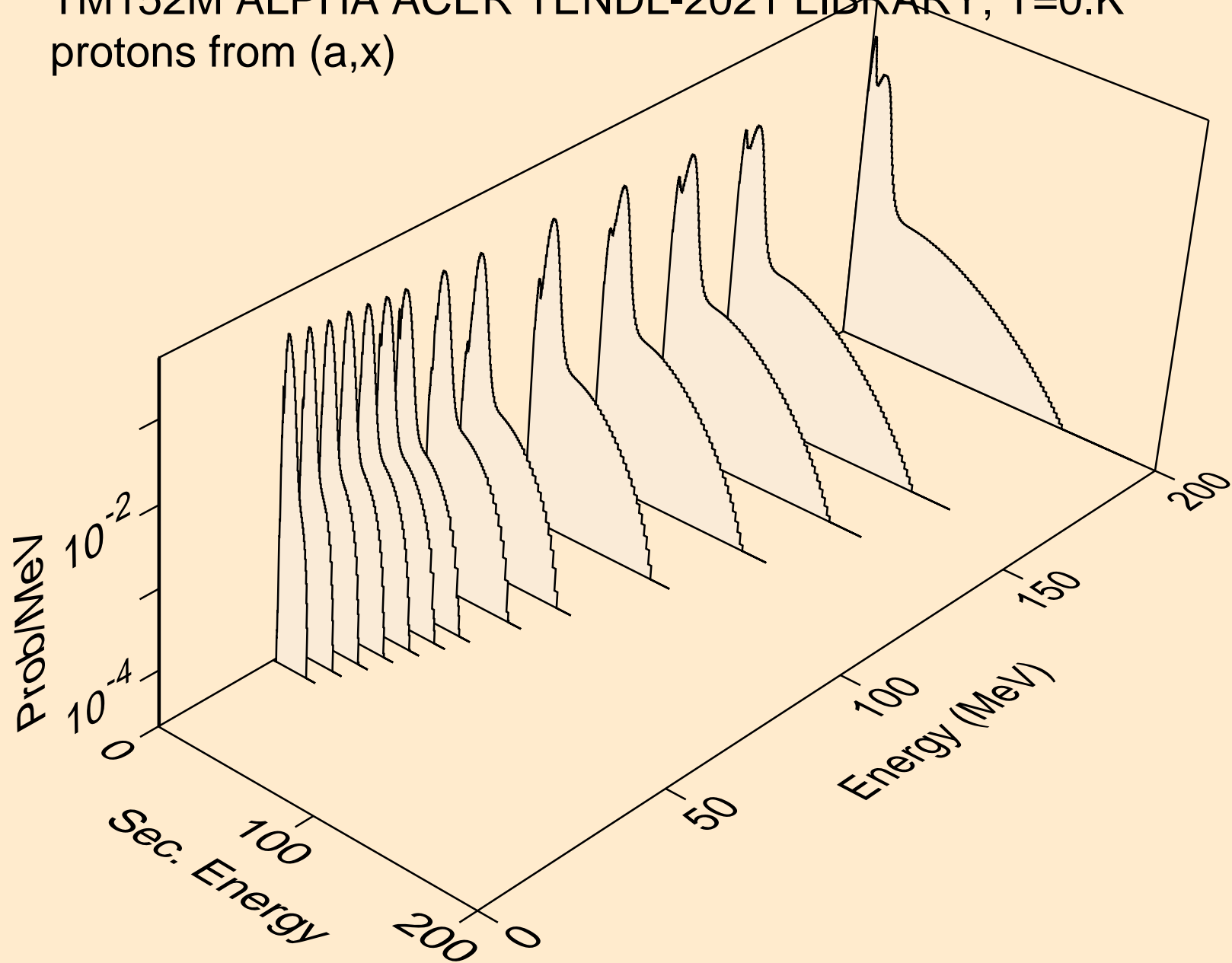
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)

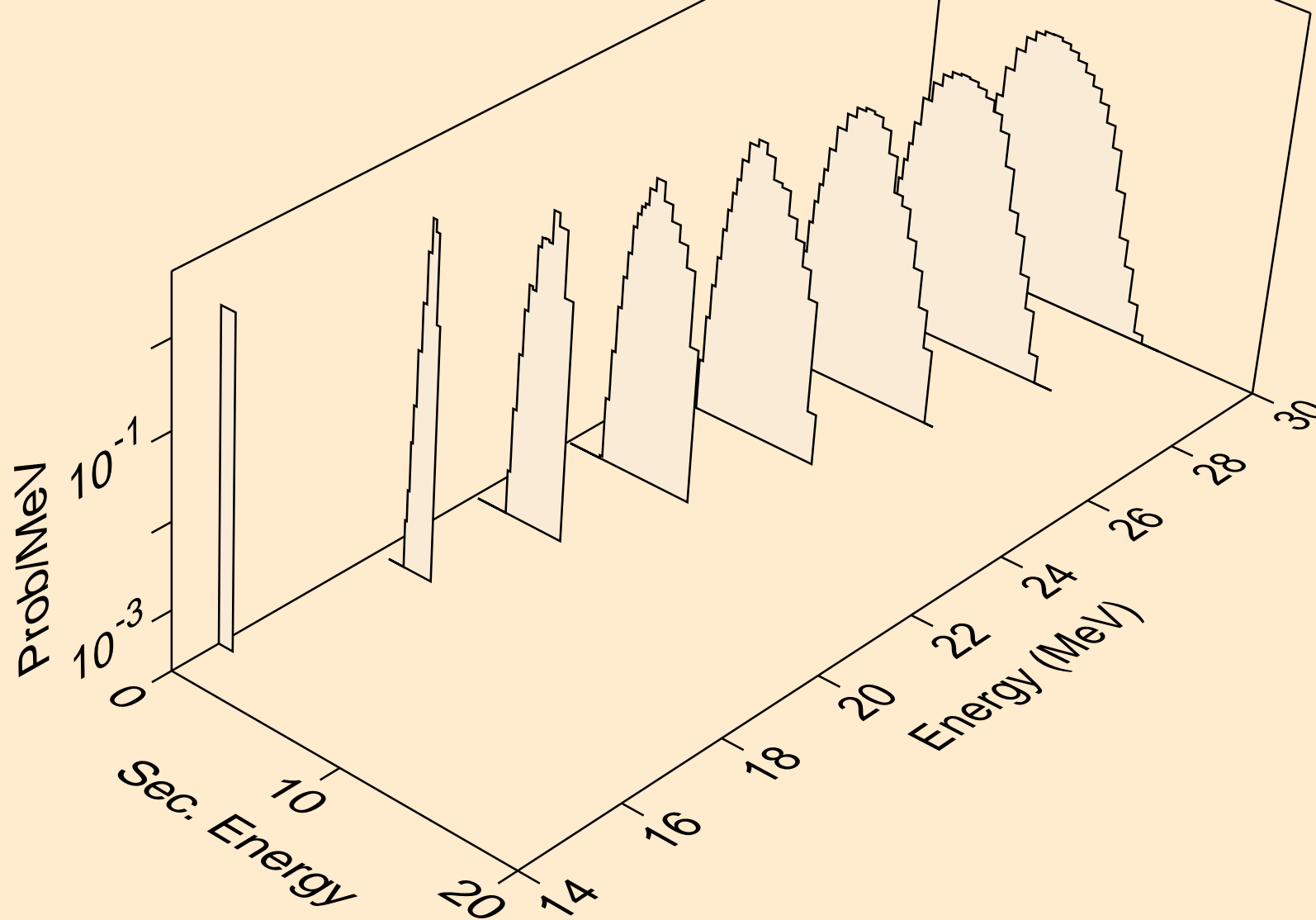


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protons from (a,x)

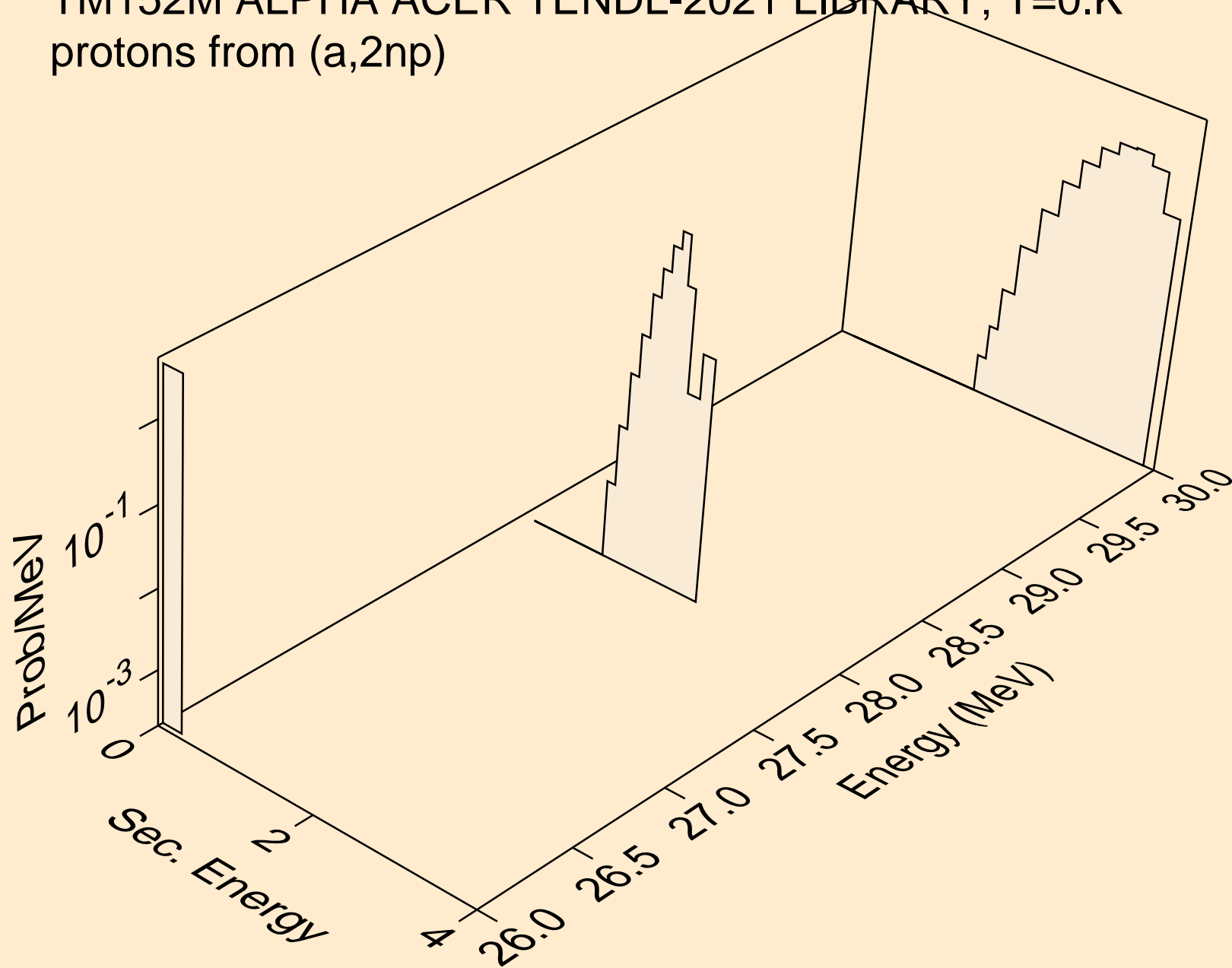




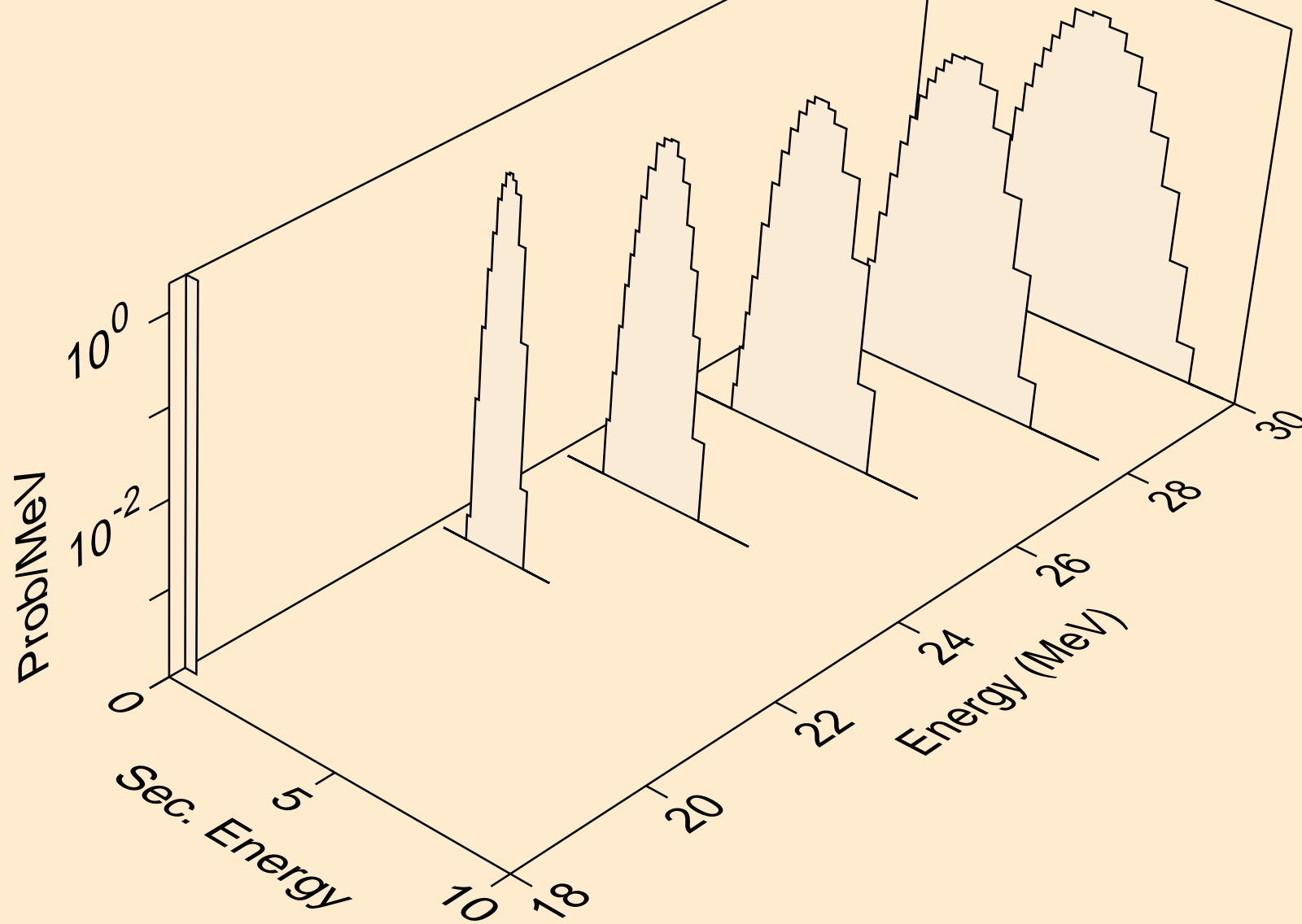
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protons from (a,n\*)p



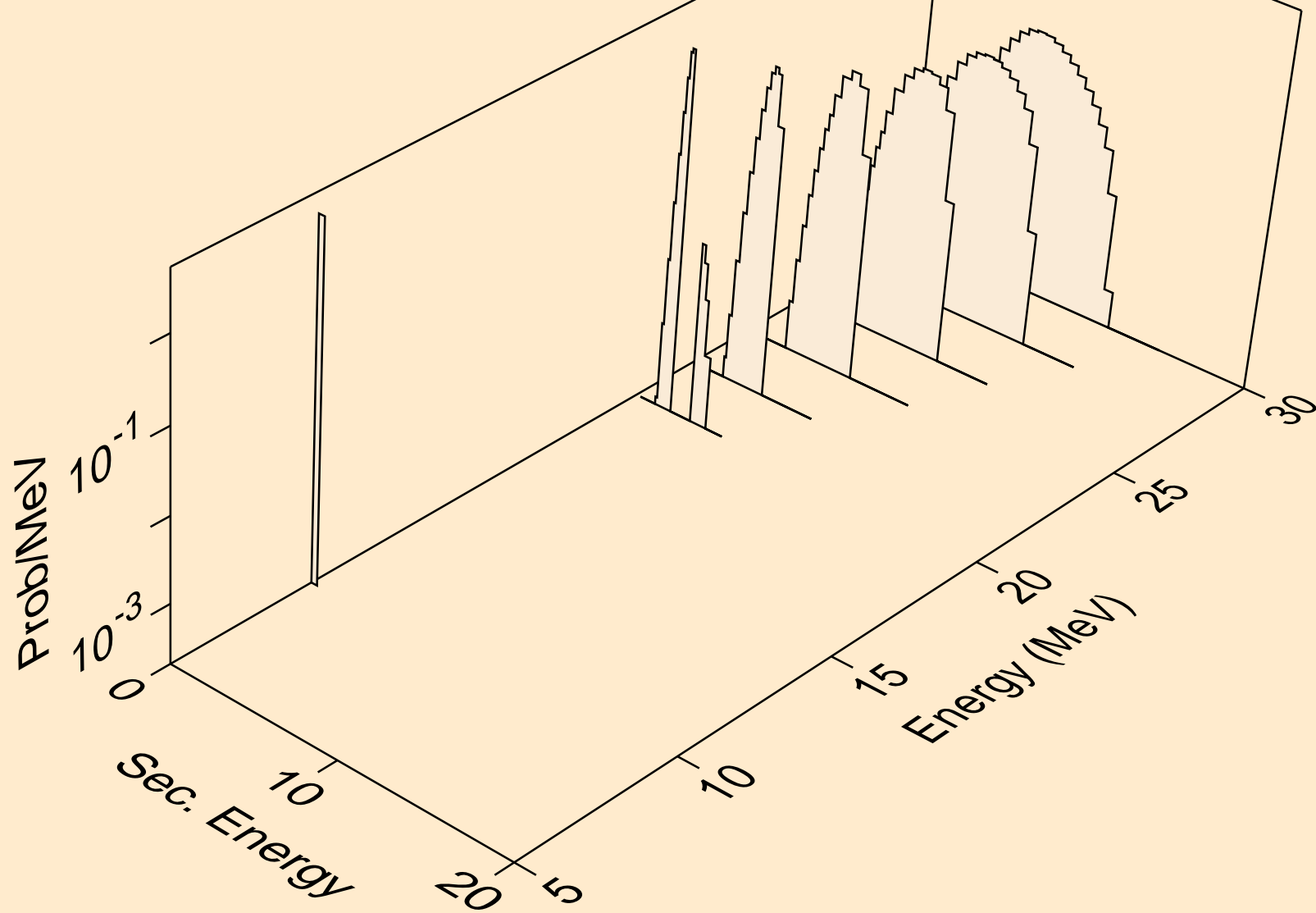
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protons from (a,2np)



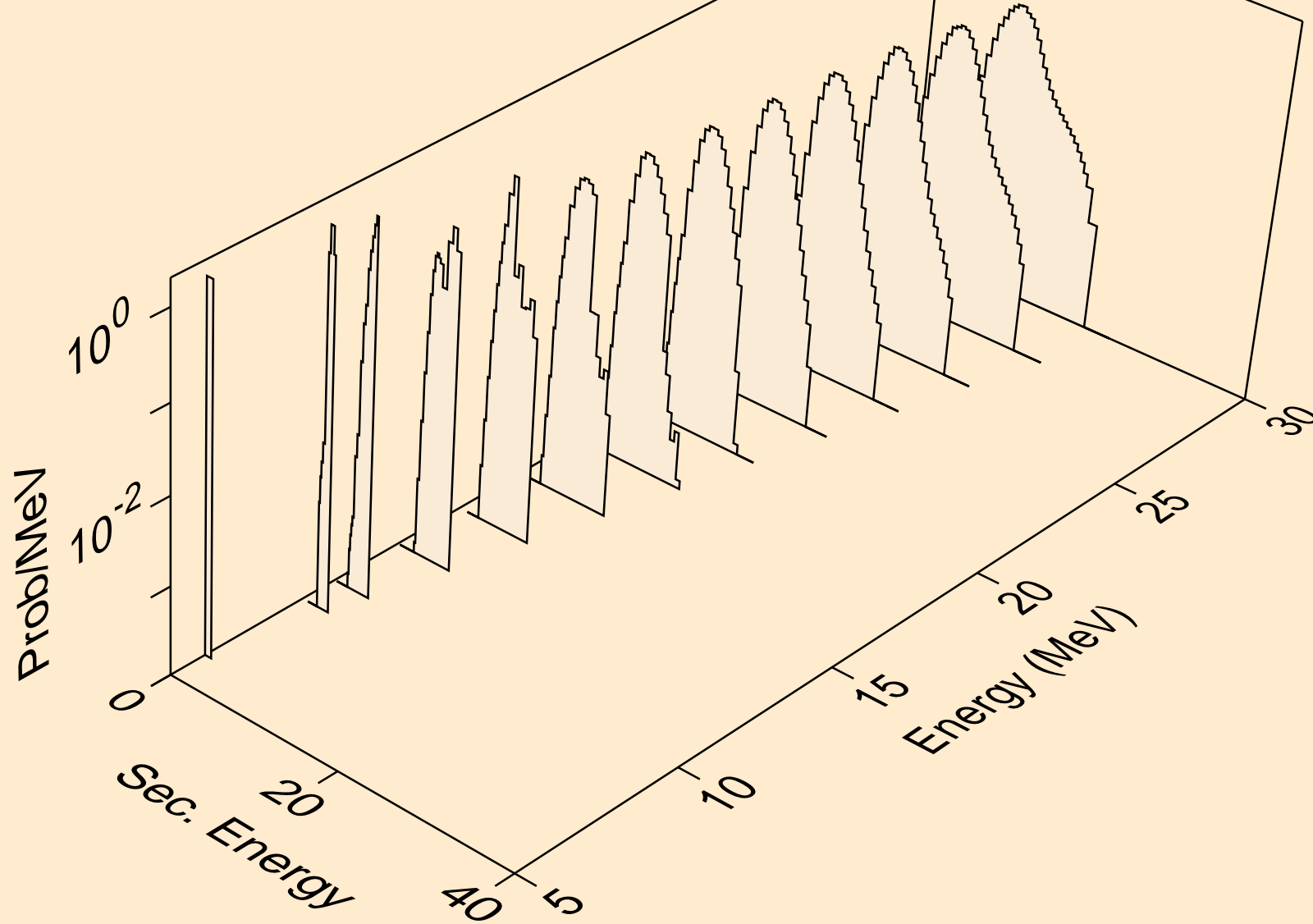
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protons from (a,2np)



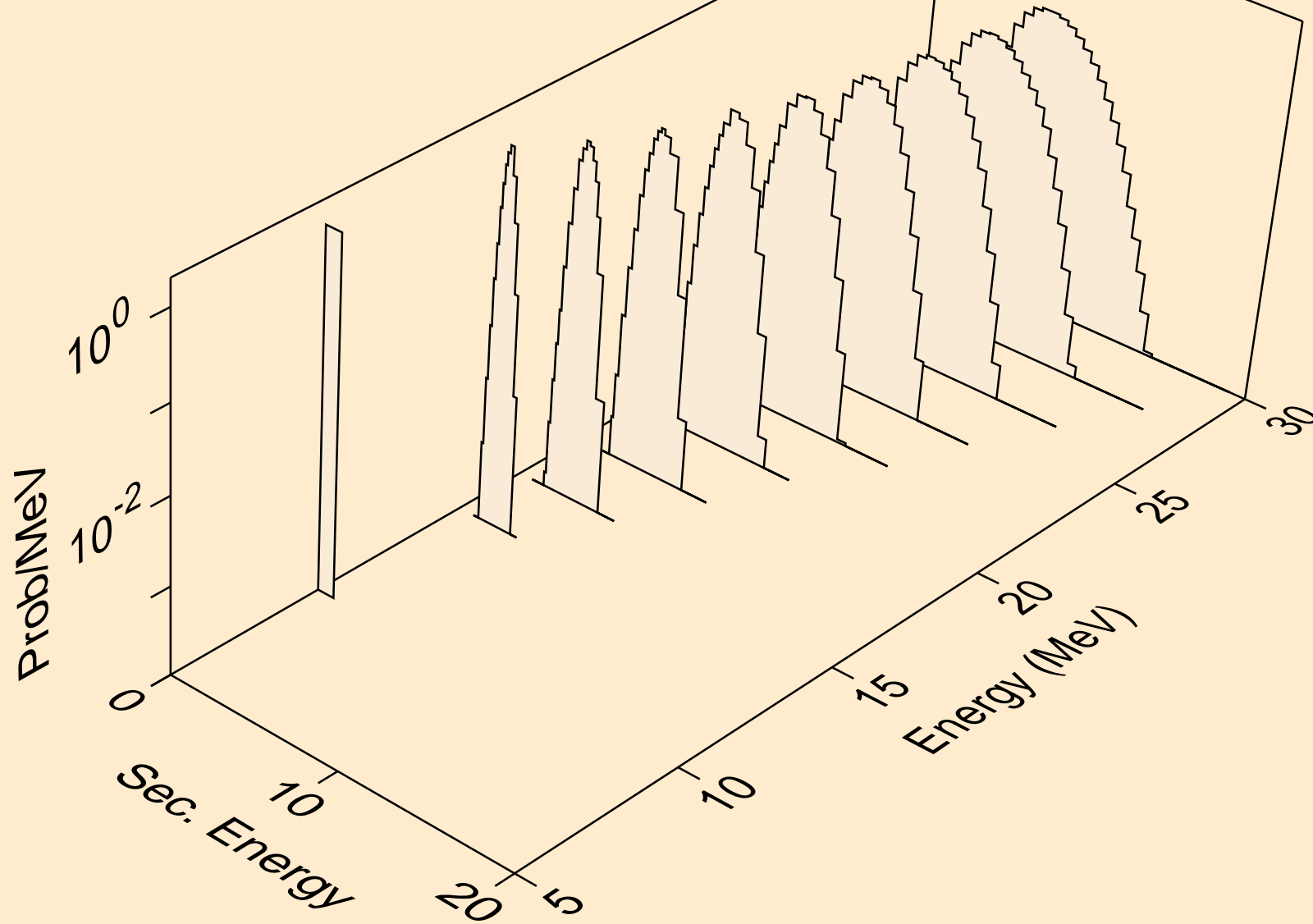
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protons from (a,npa)



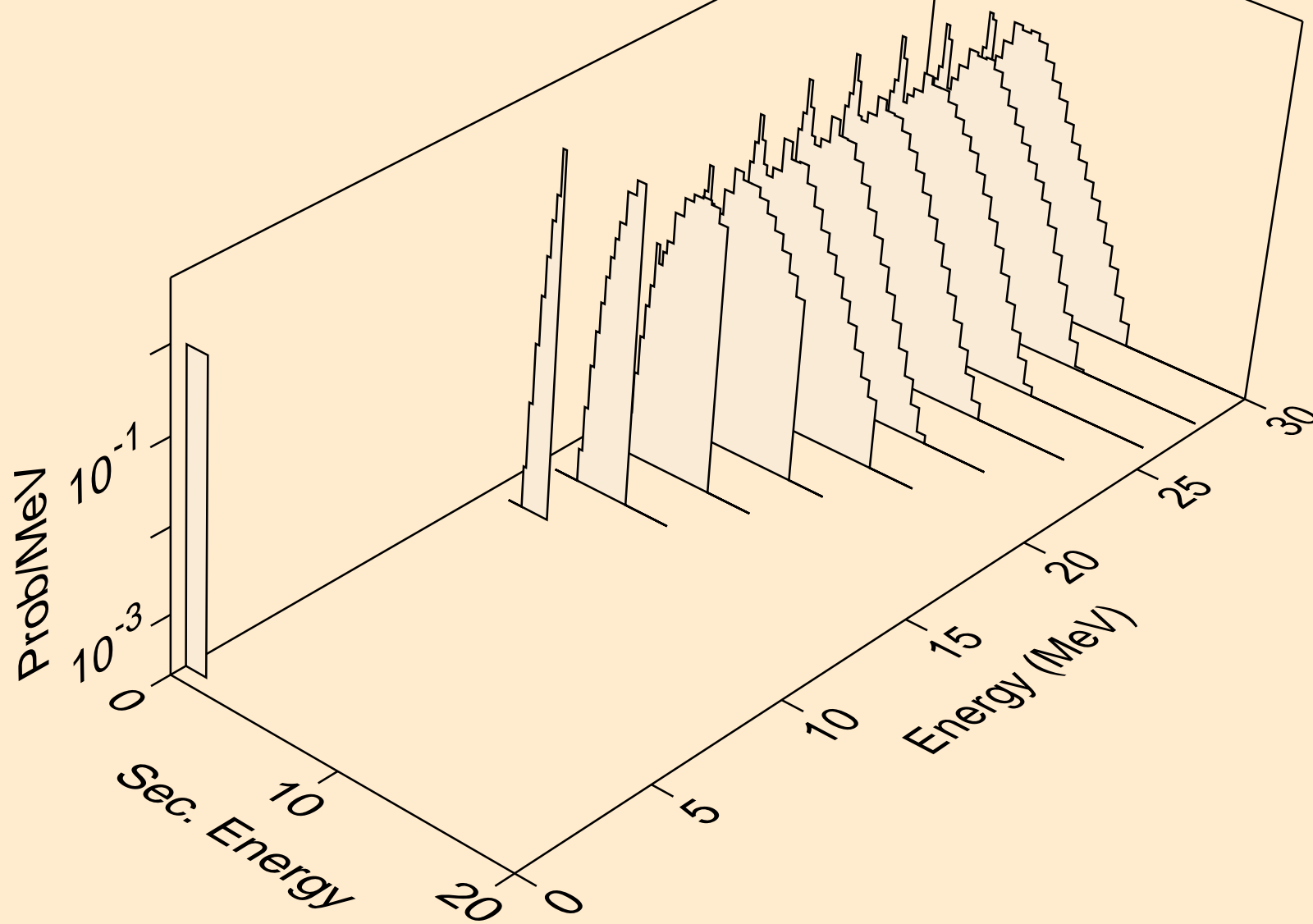
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protons from (a,p)



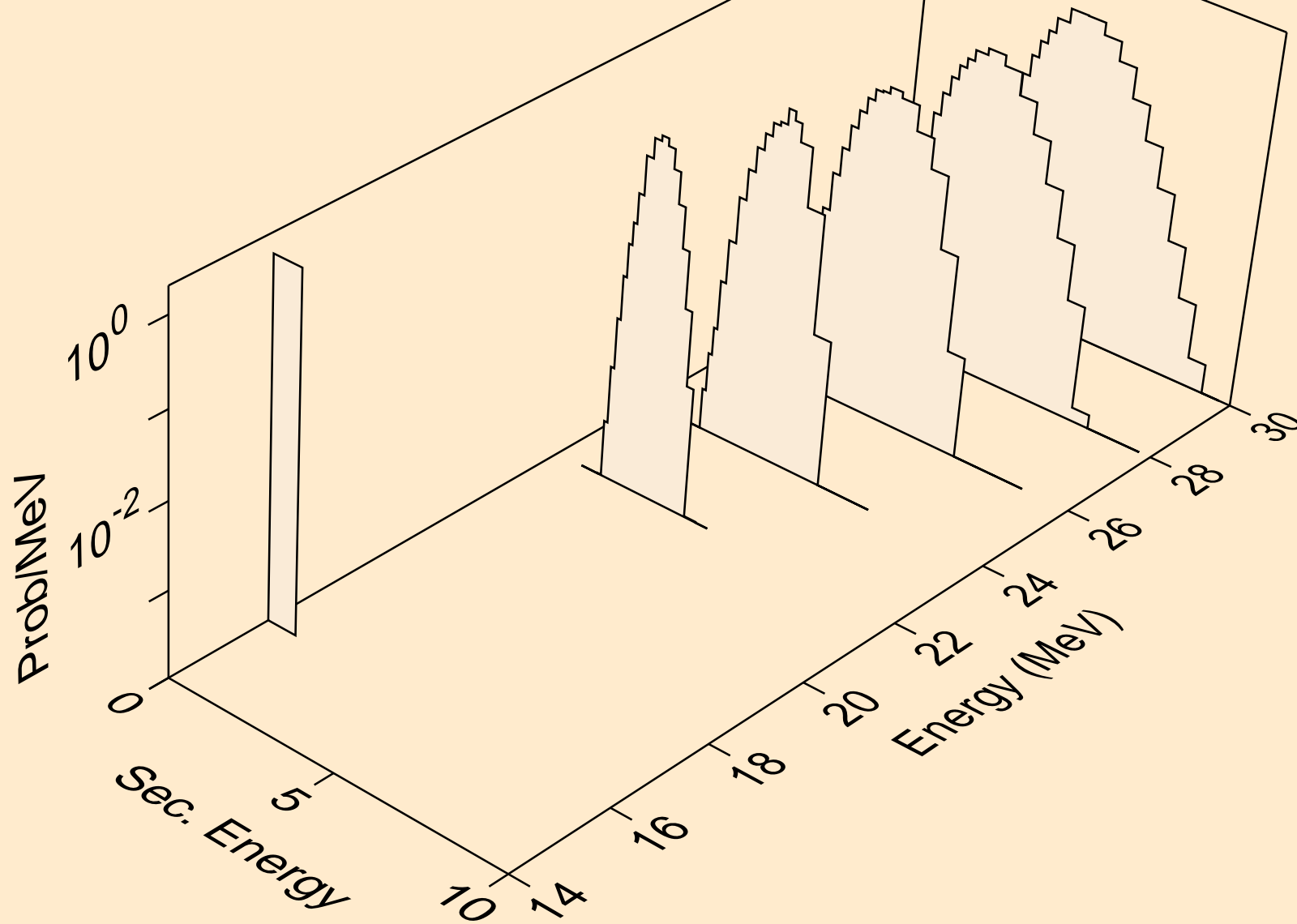
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)

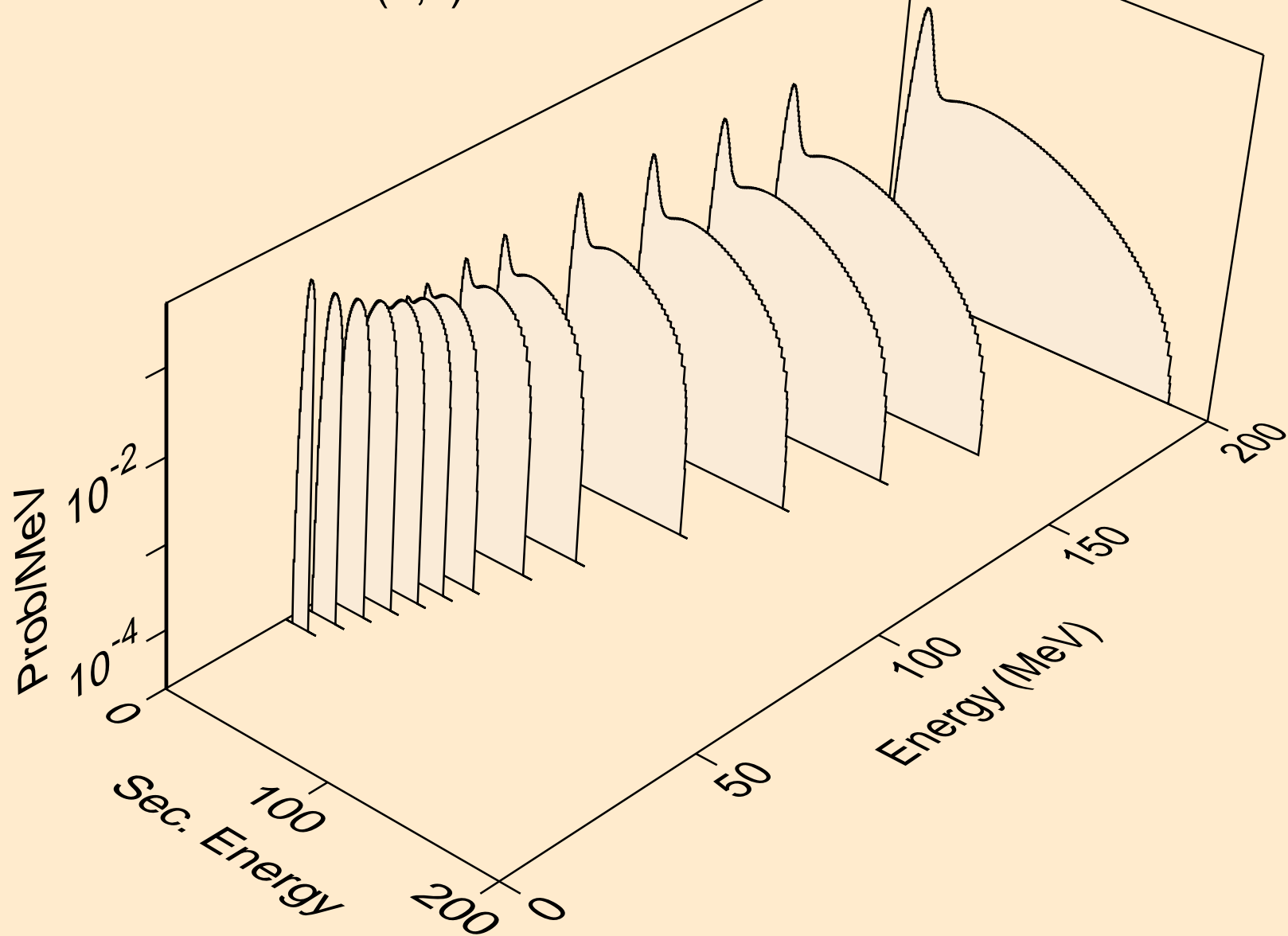


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protons from (a,pd)

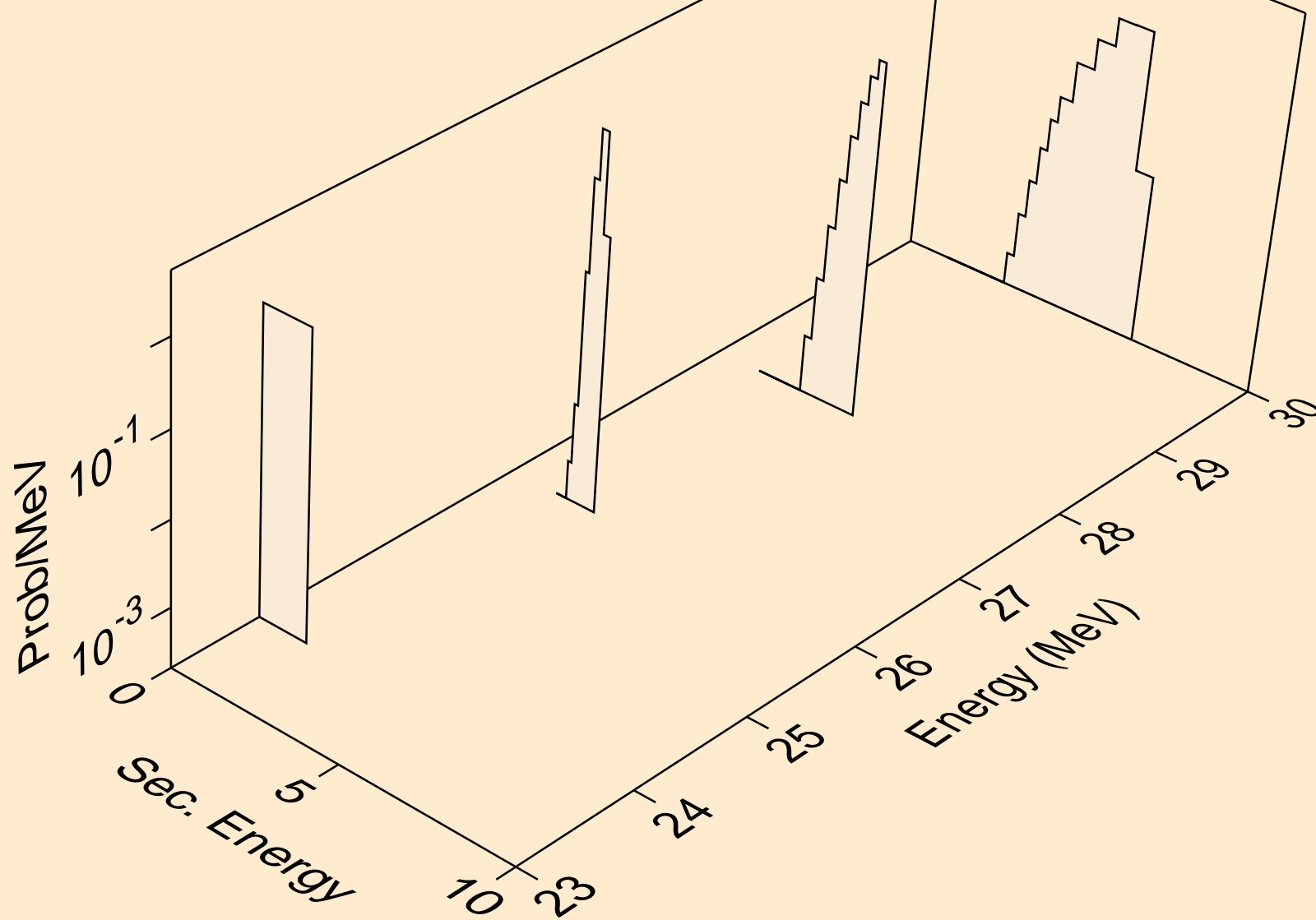




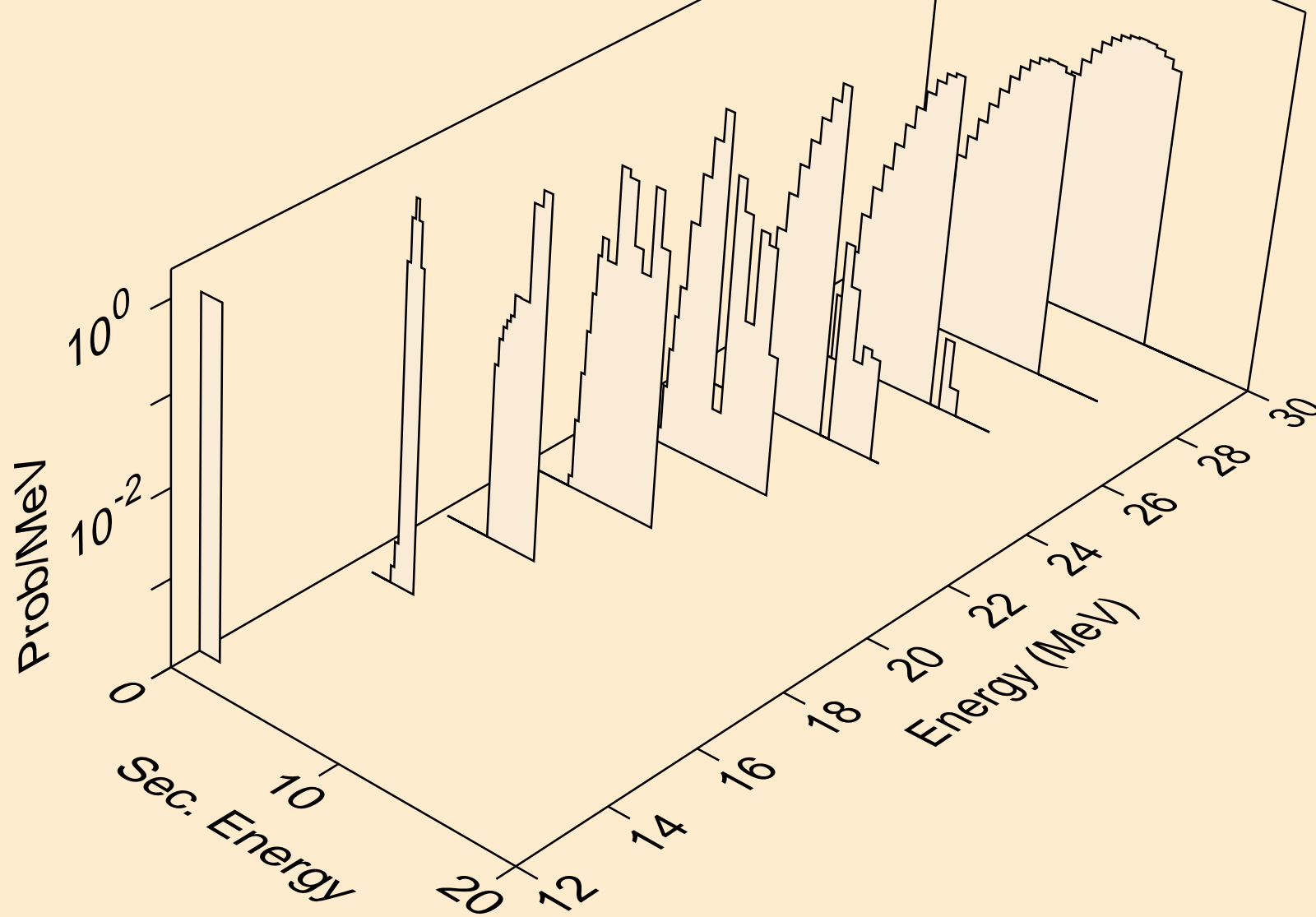
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deuterons from (a,x)



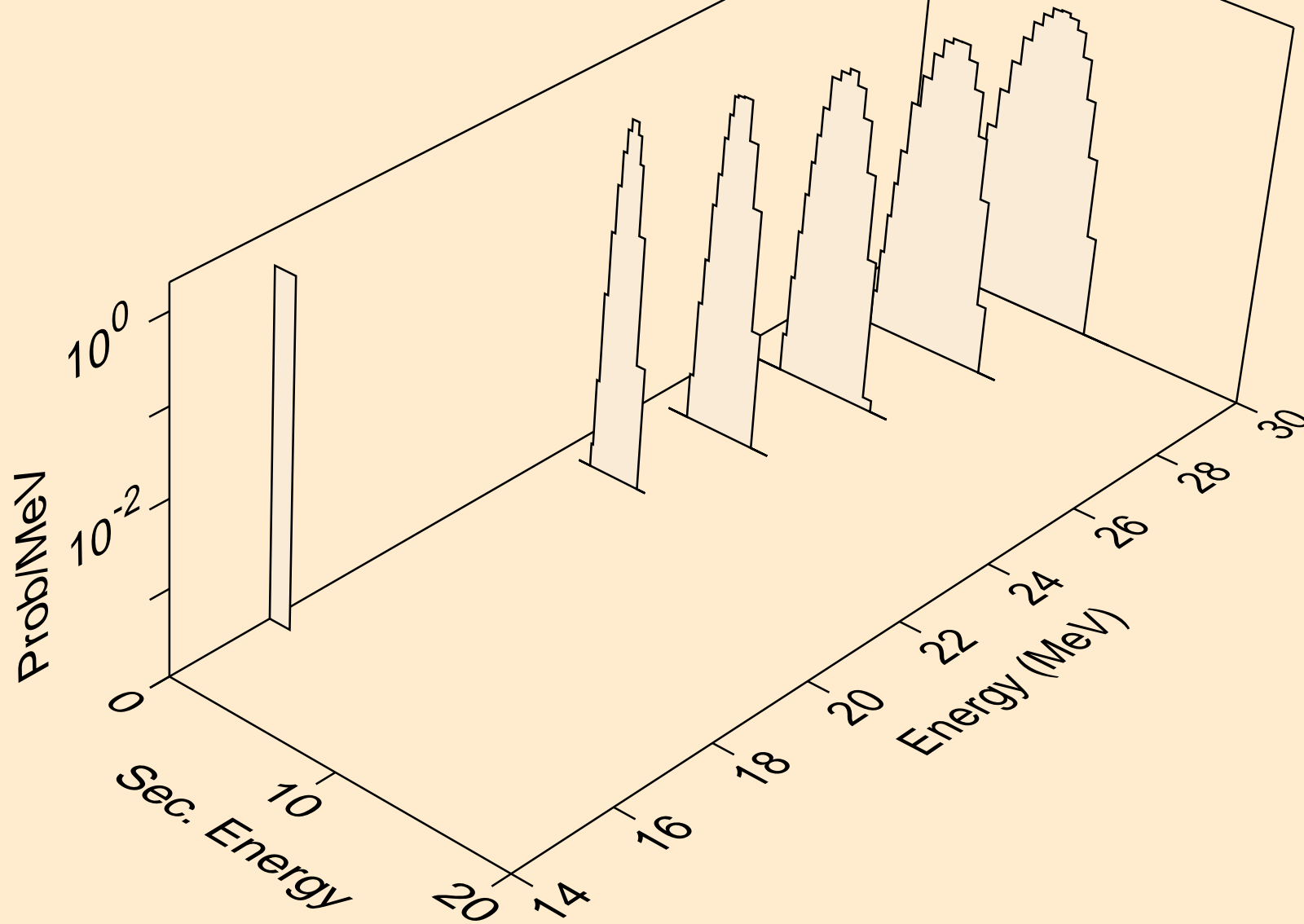
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deuterons from (a,n\*)d



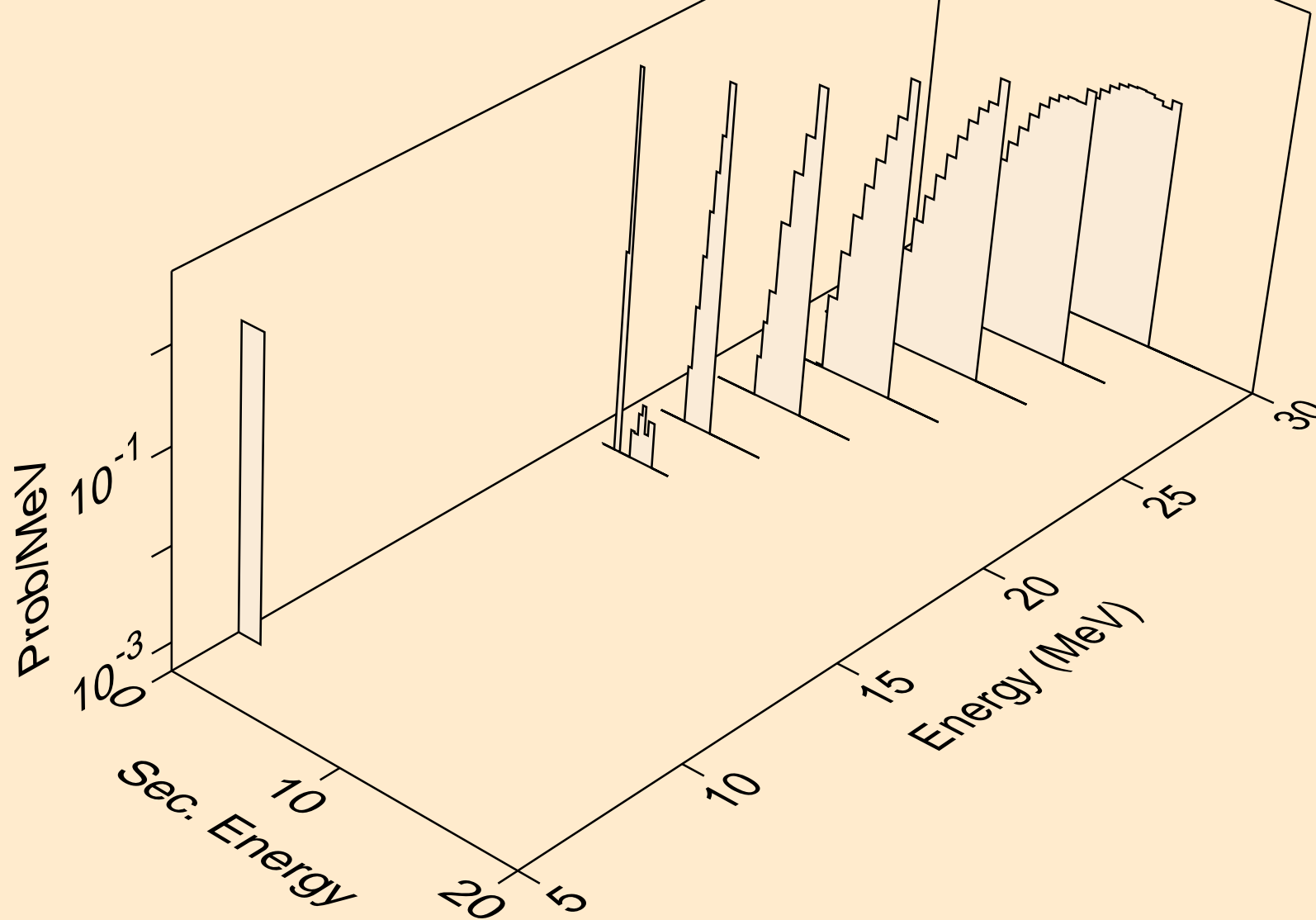
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deuterons from (a,d)



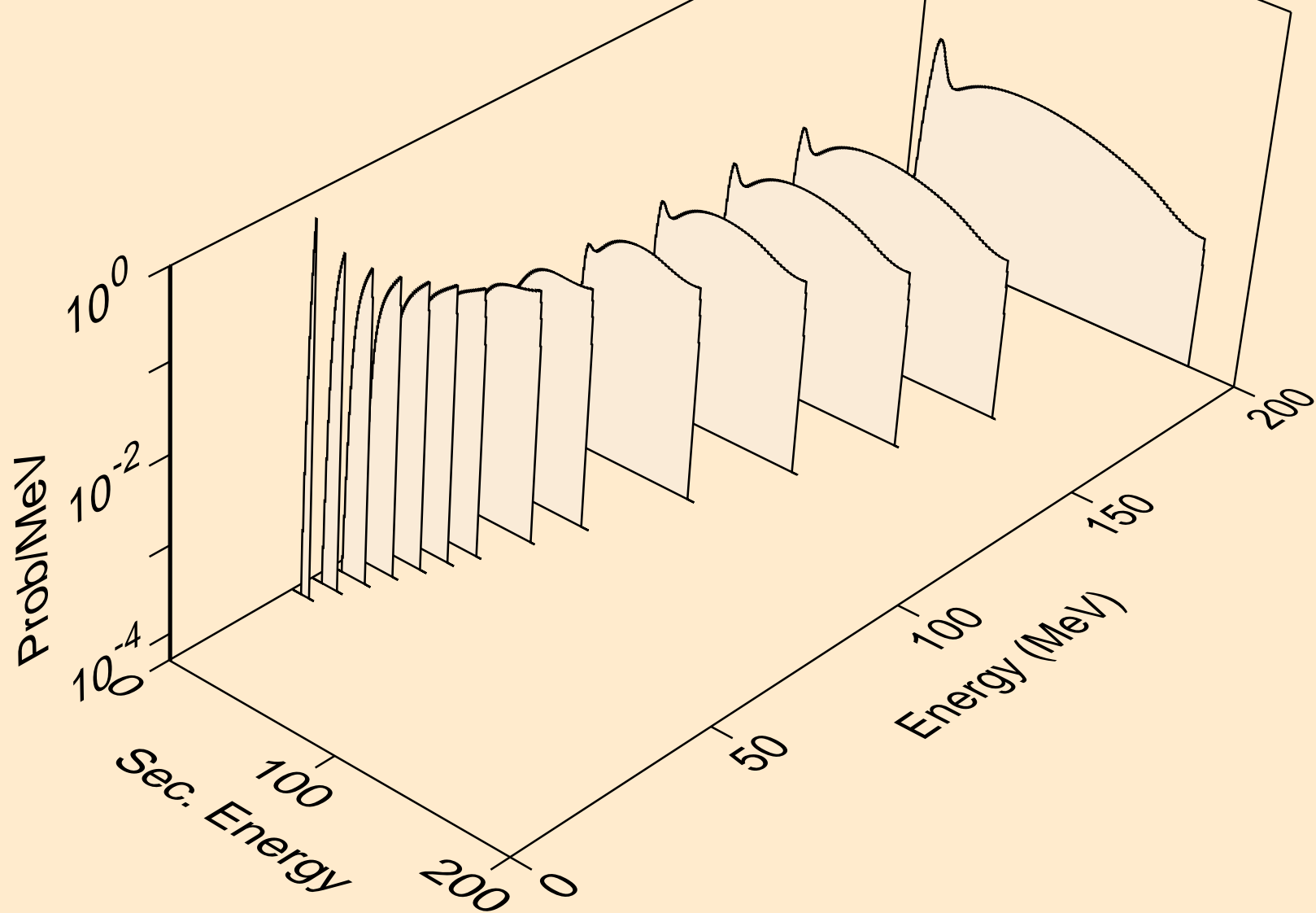
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deuterons from (a,pd)



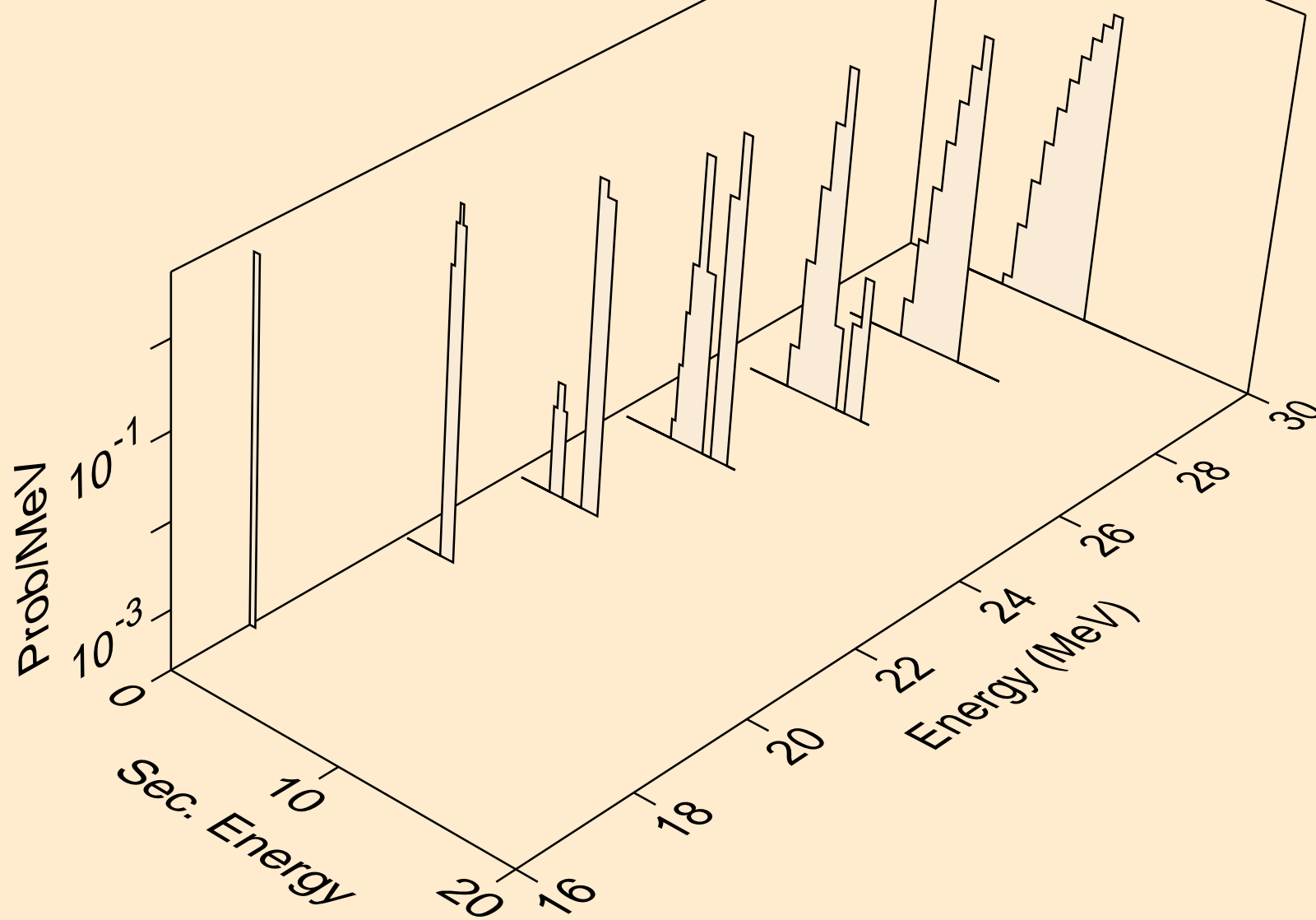
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deuterons from (a,da)



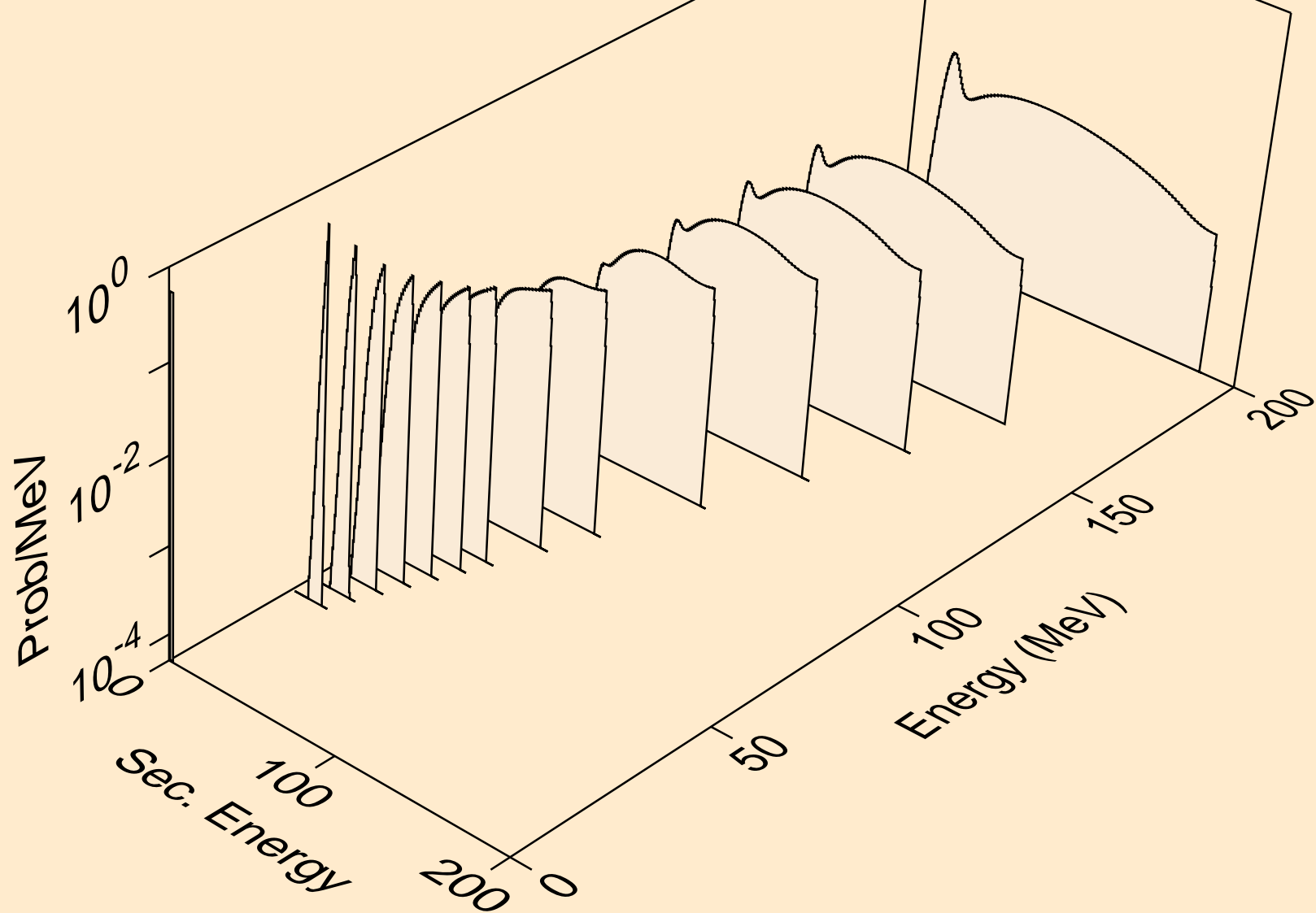
TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)





TM152M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

