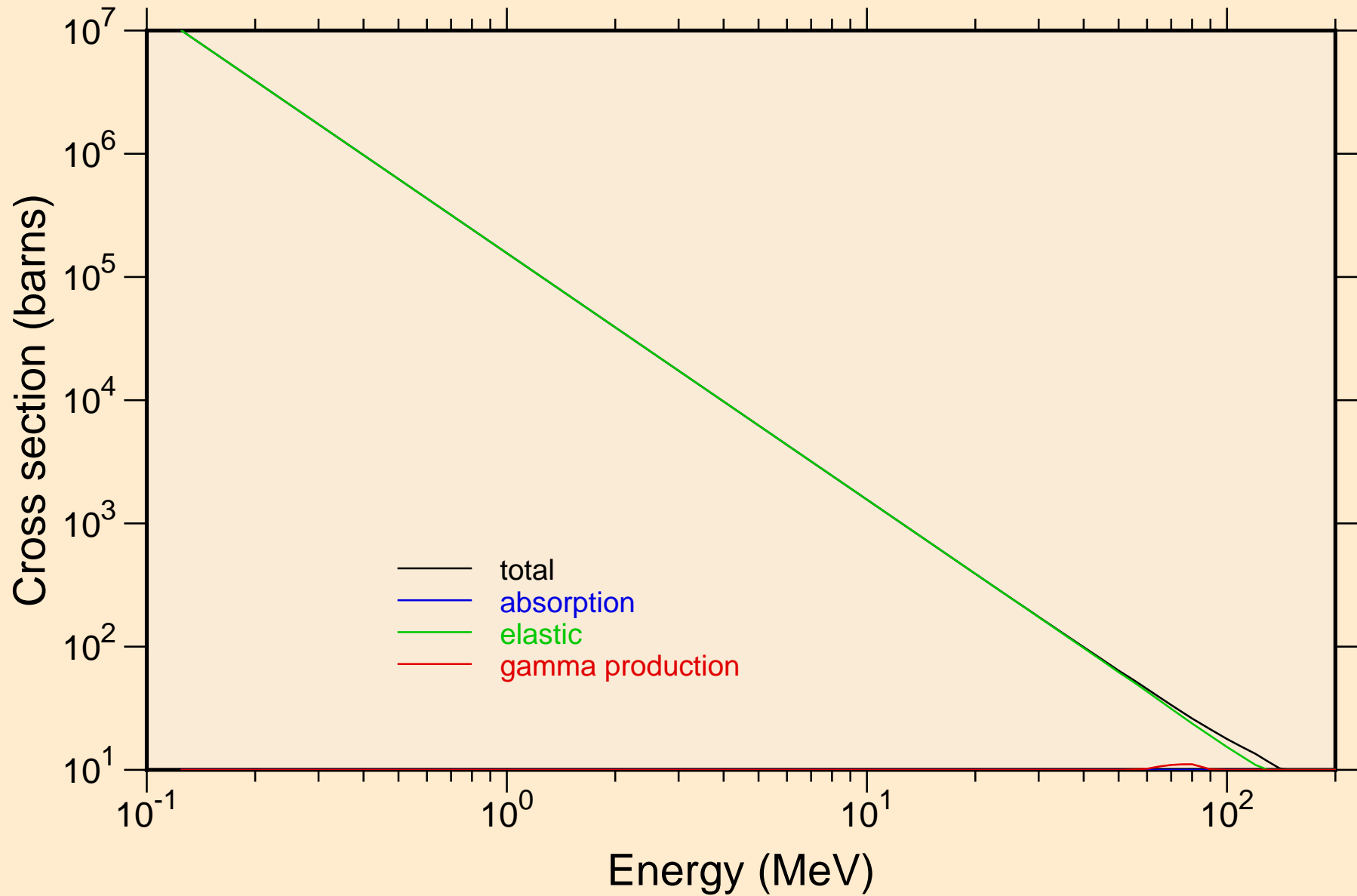
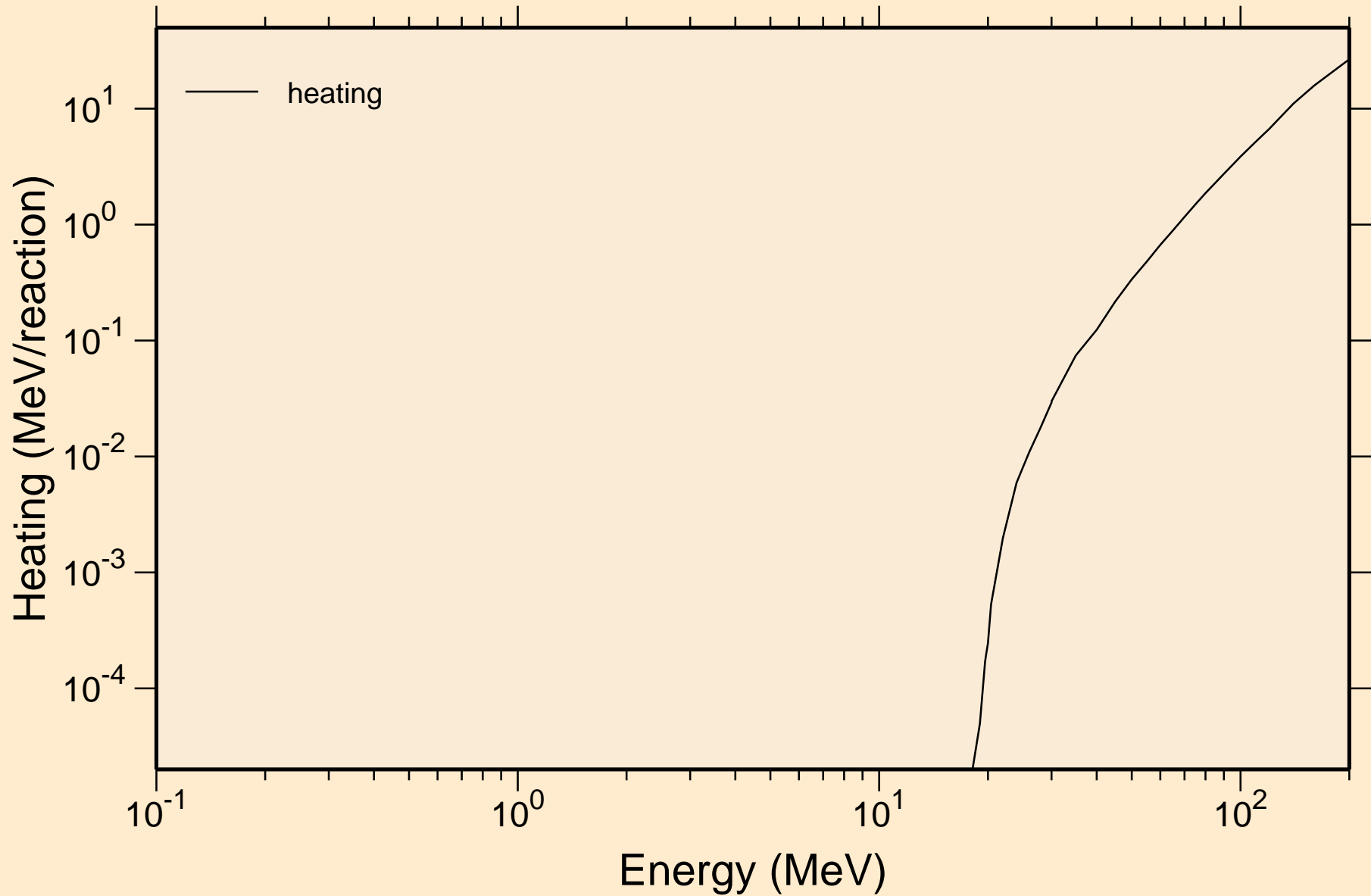


PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



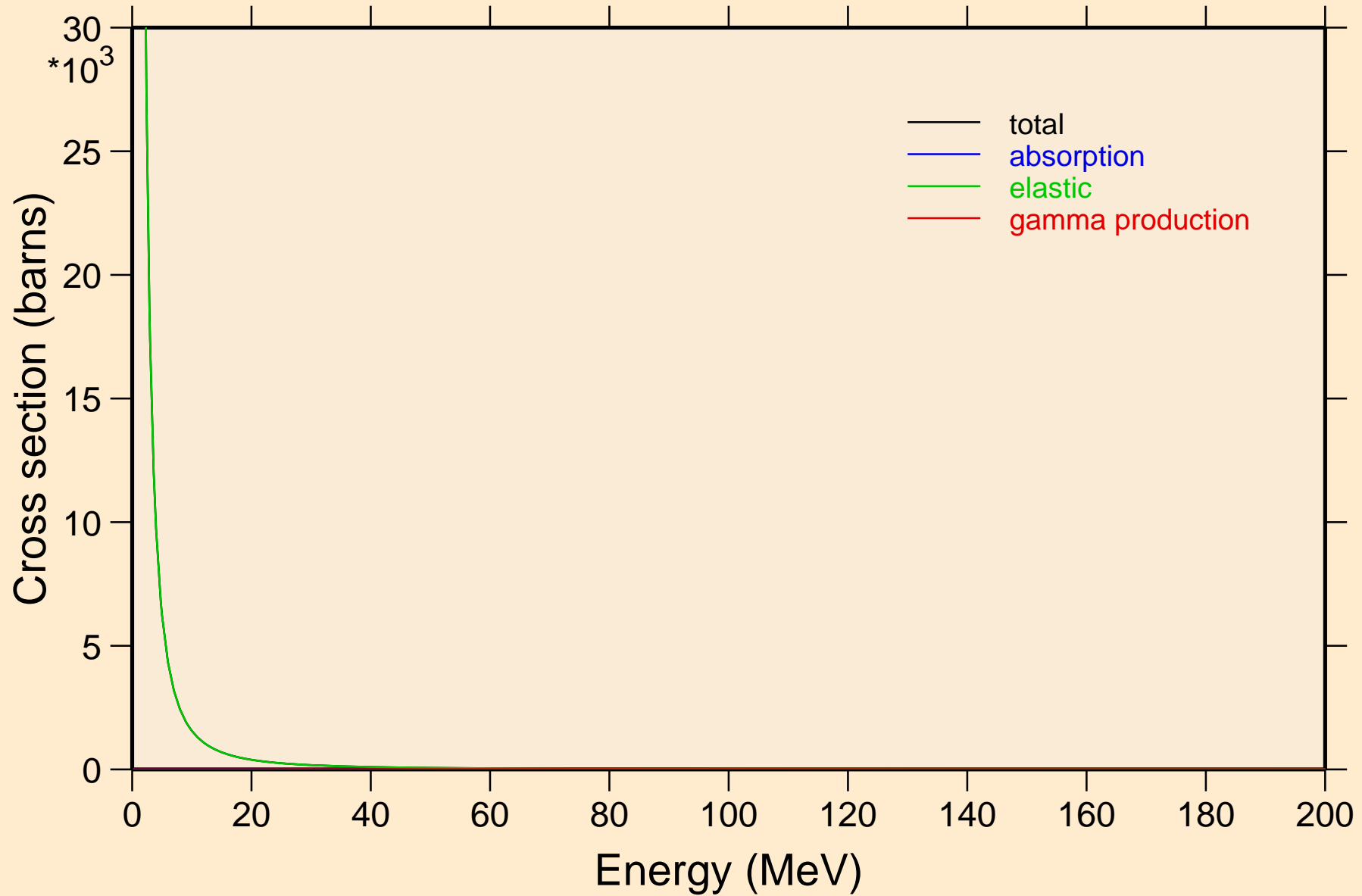
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



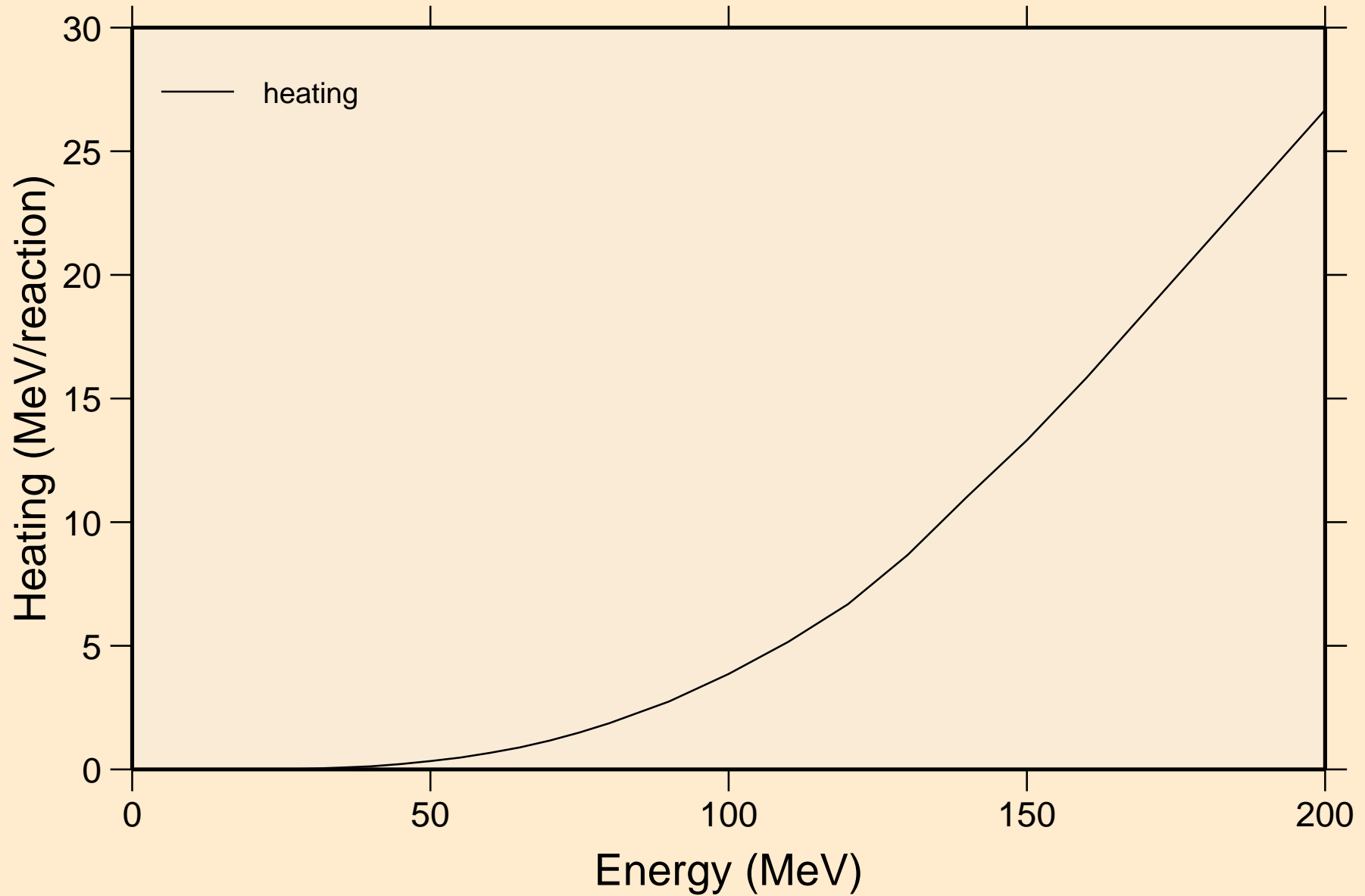
# PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

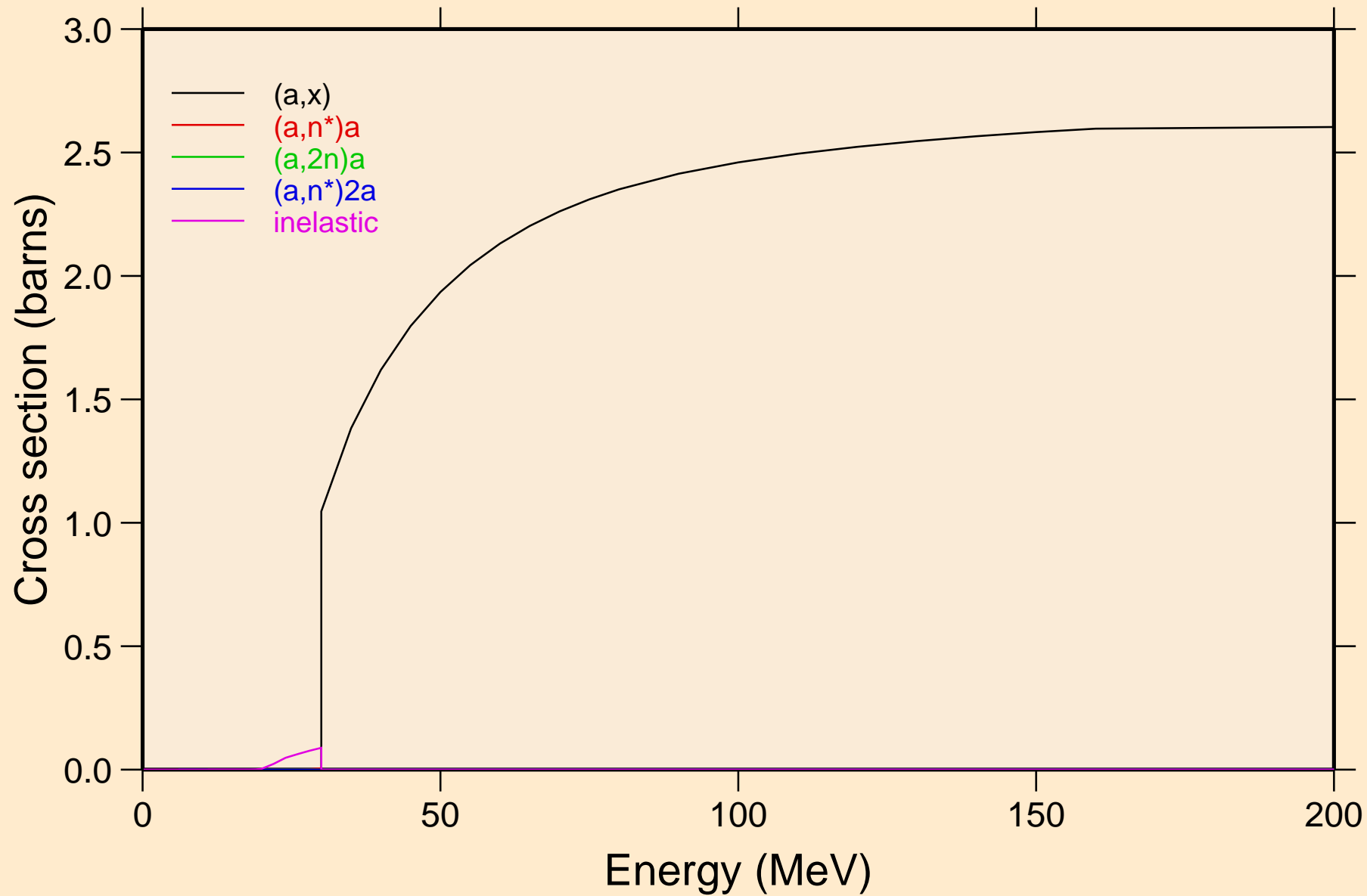


PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

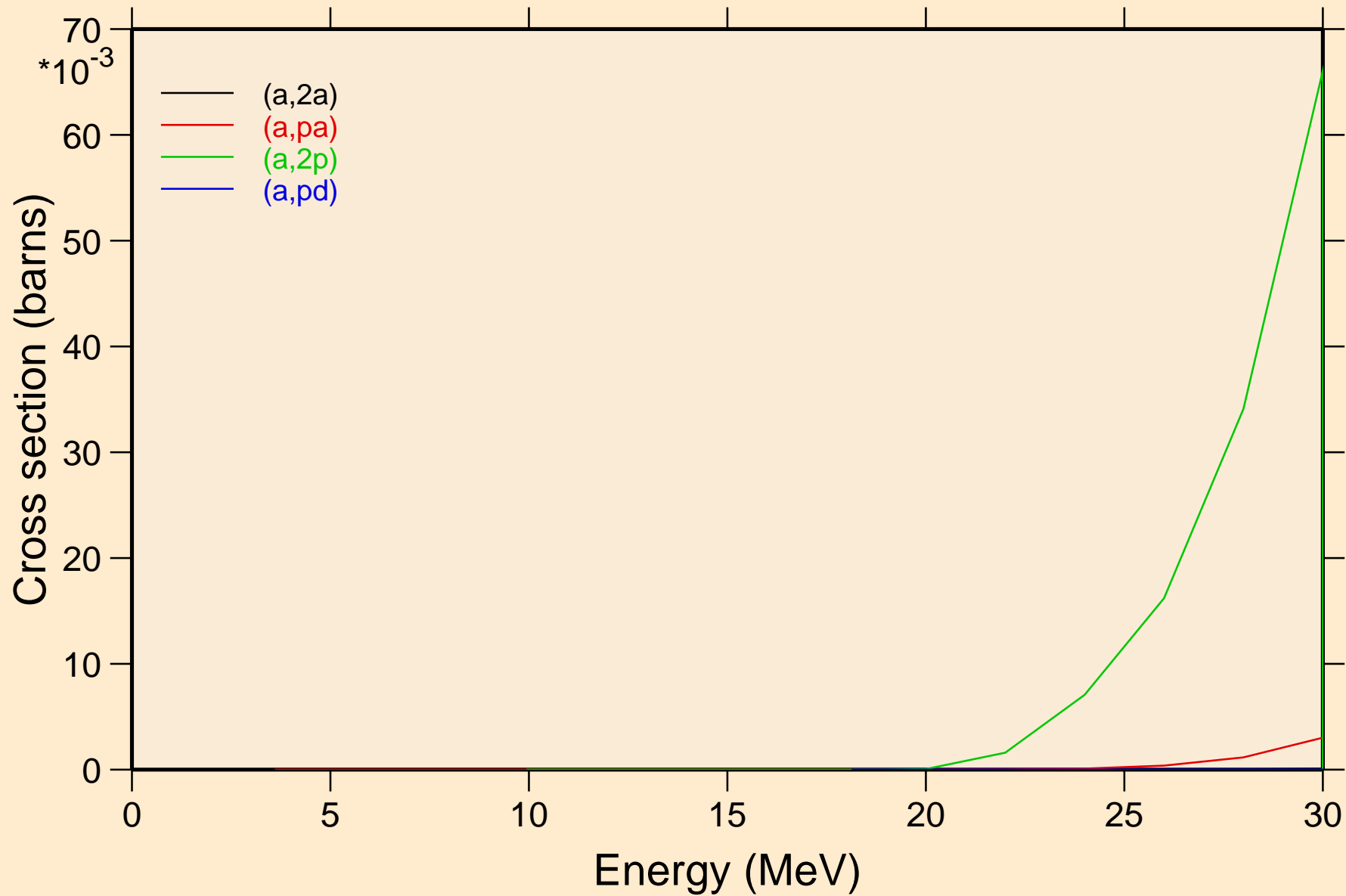
Heating



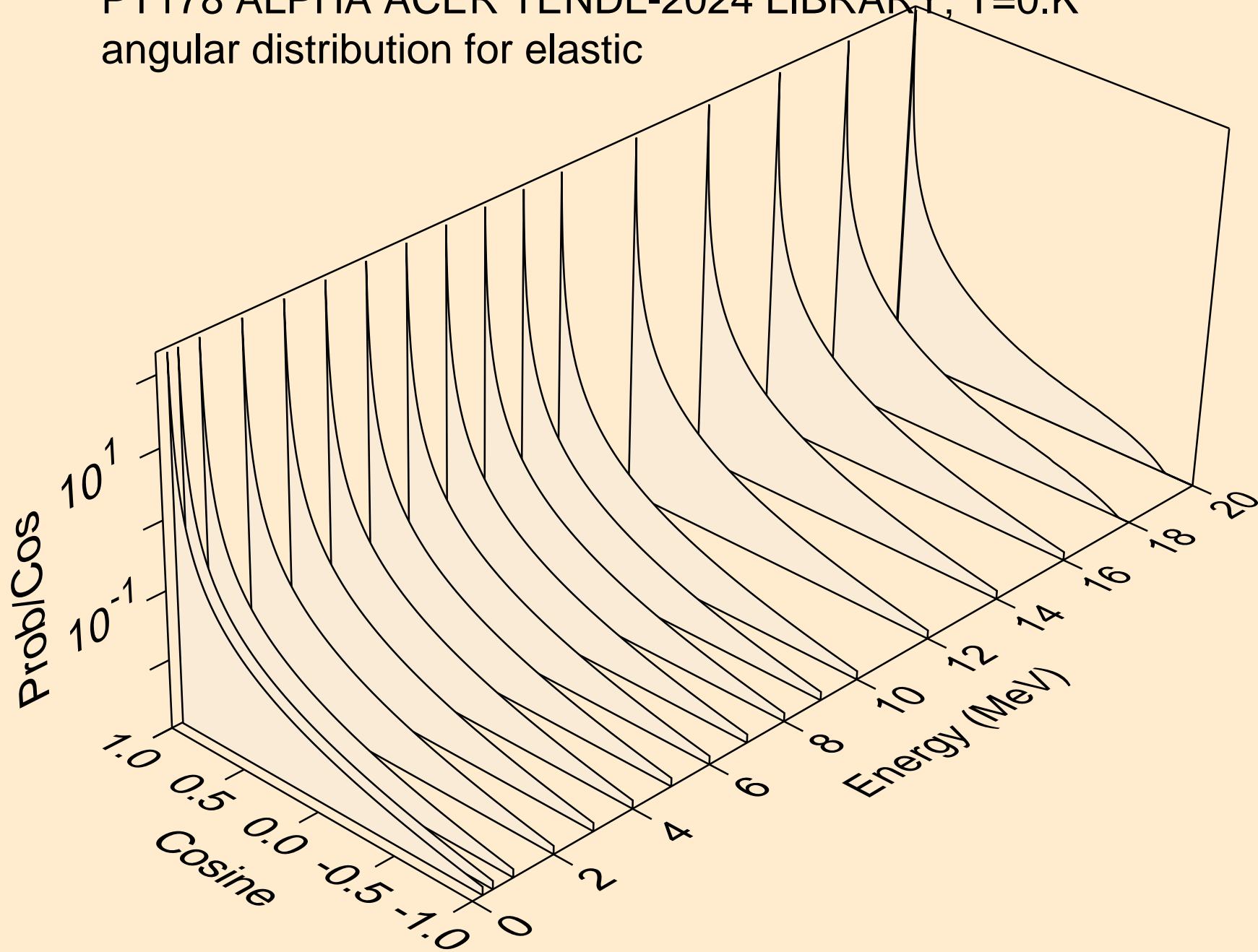
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



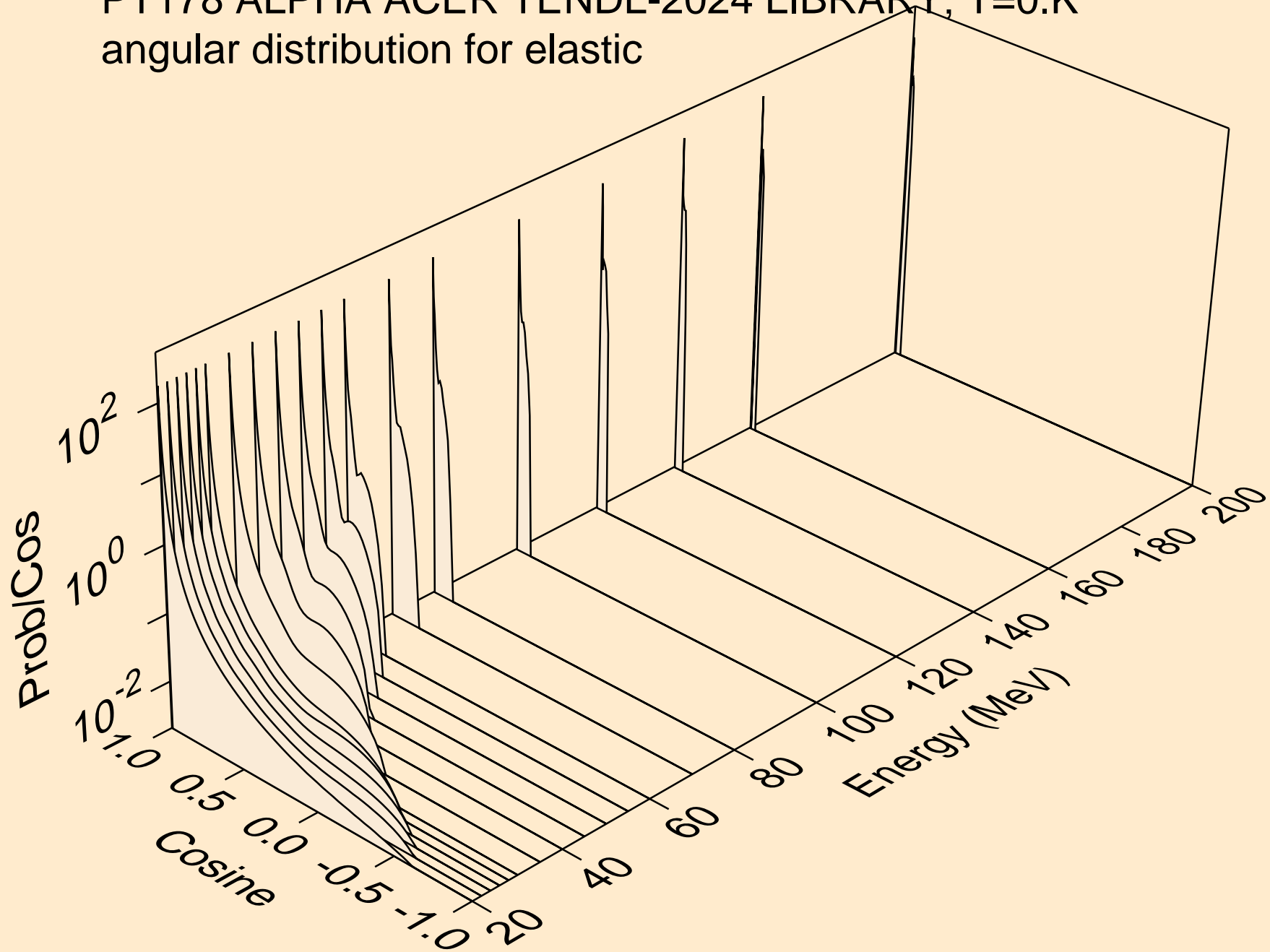
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



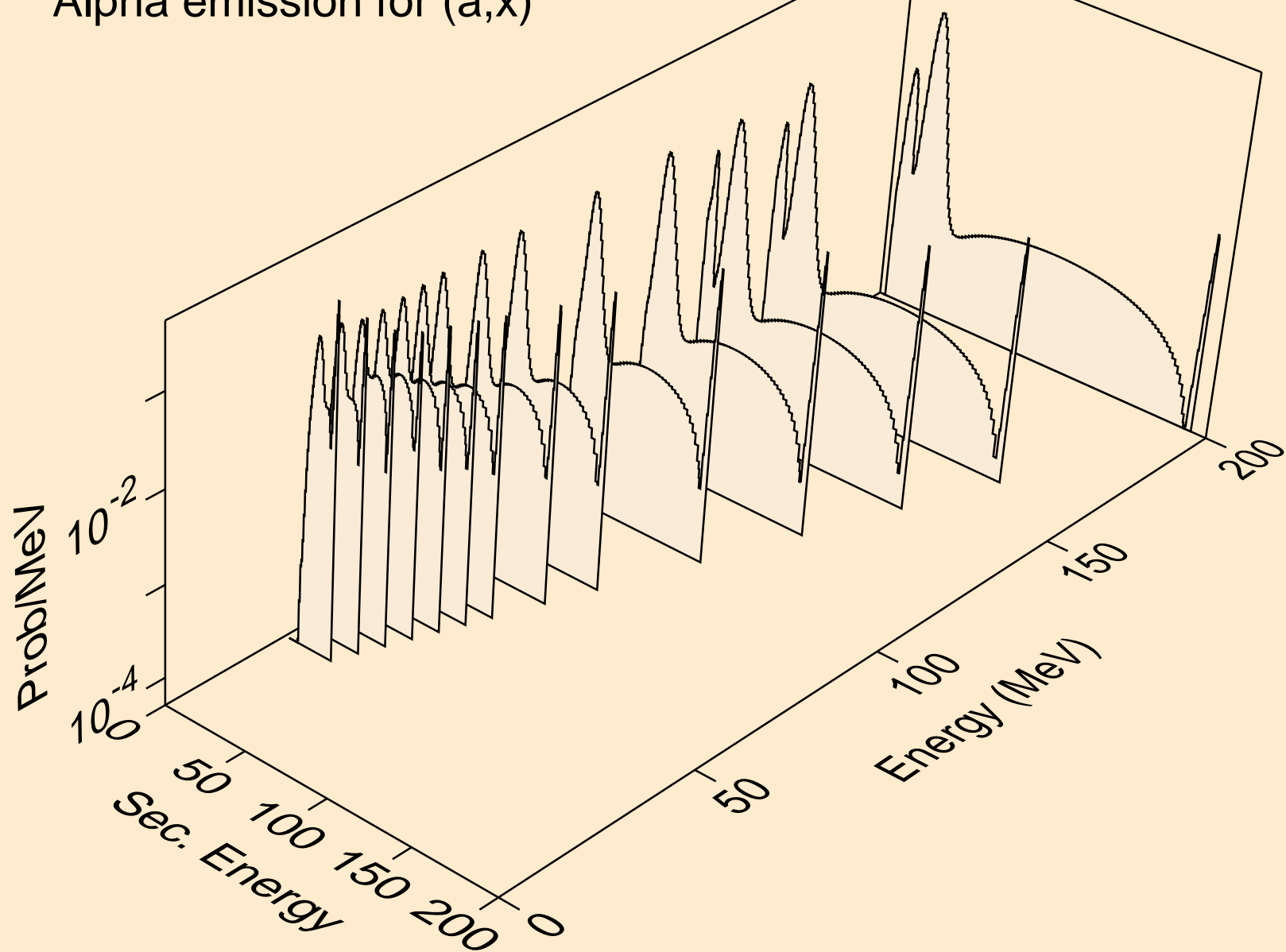
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



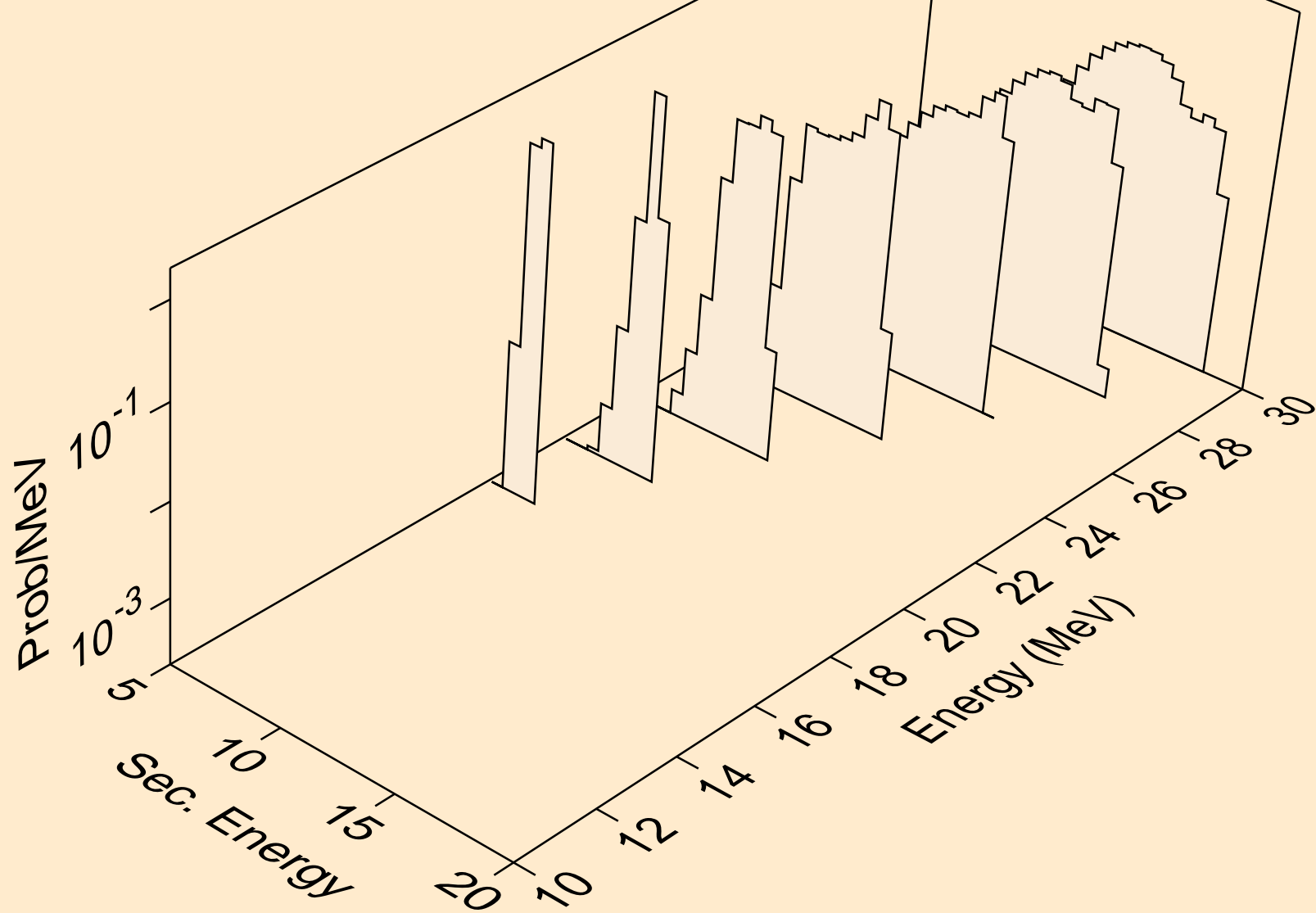
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



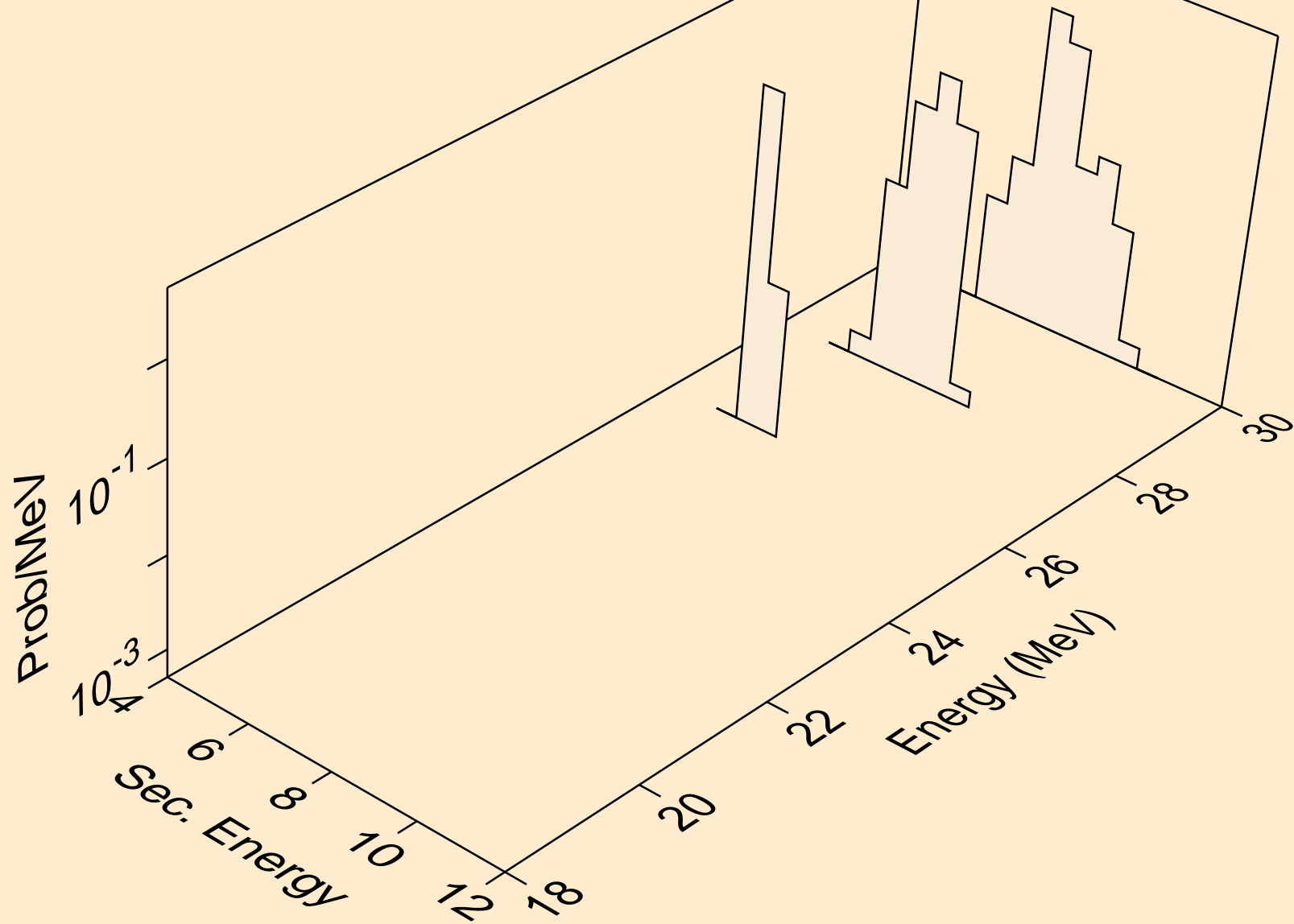
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



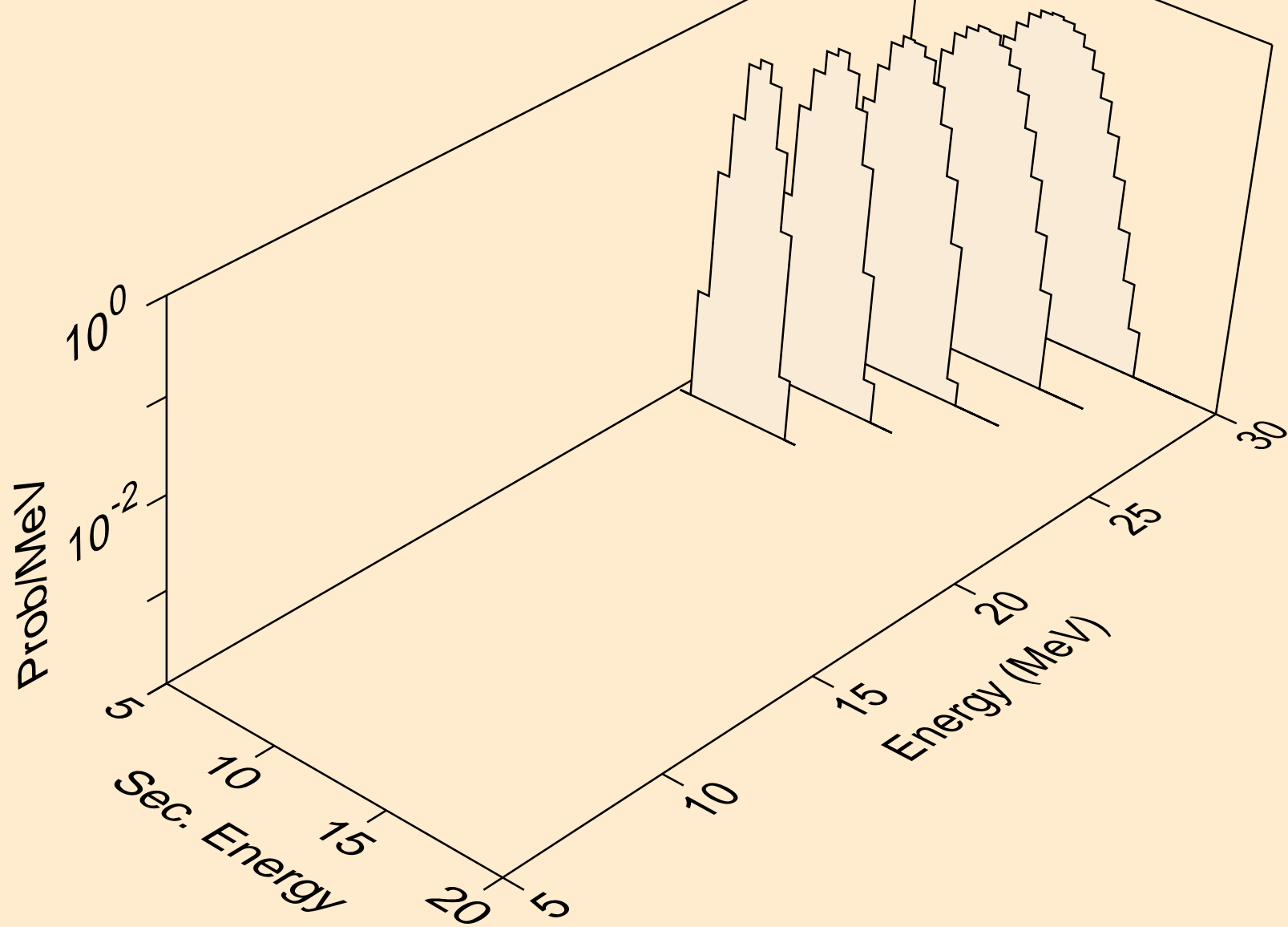
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



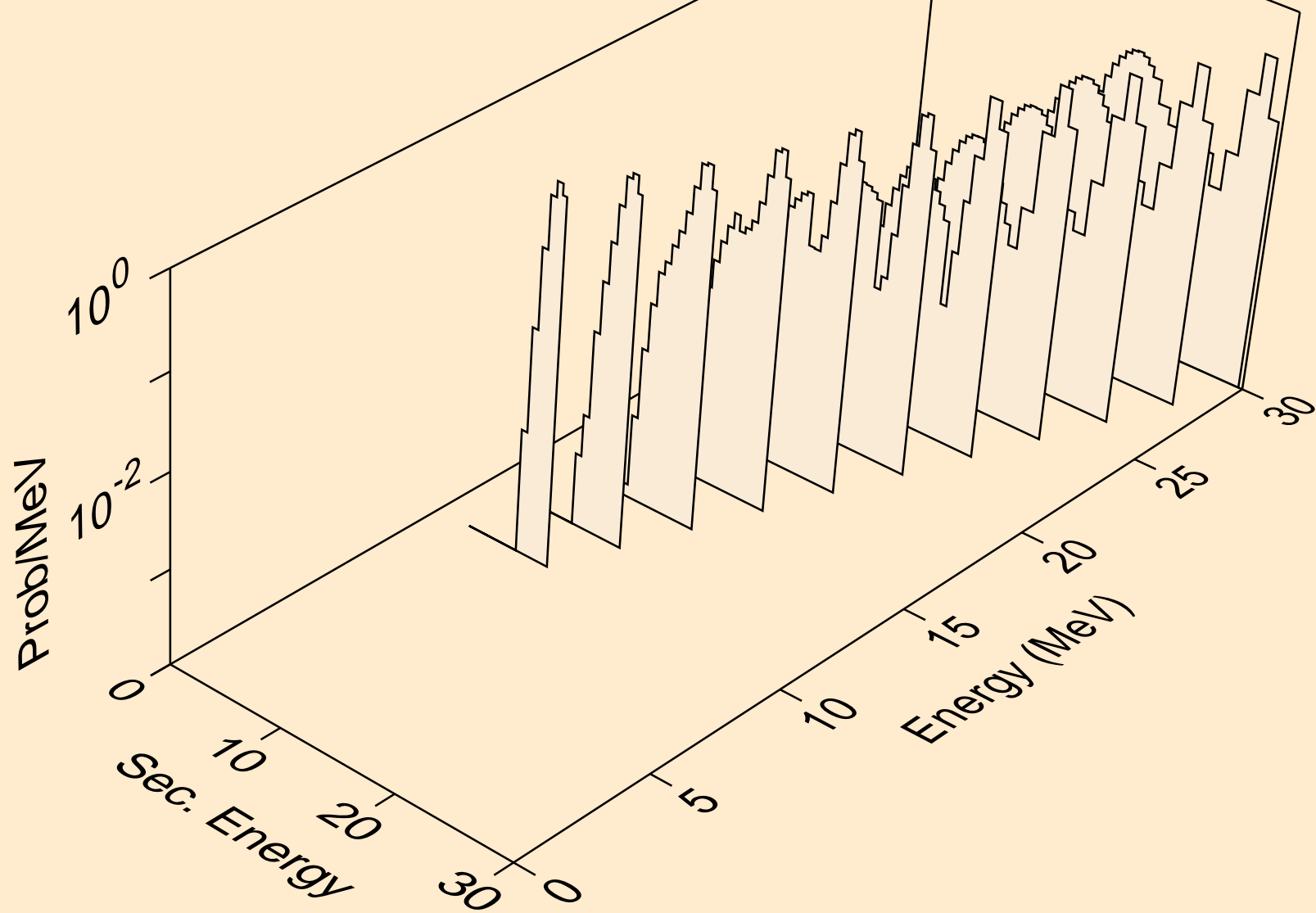
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



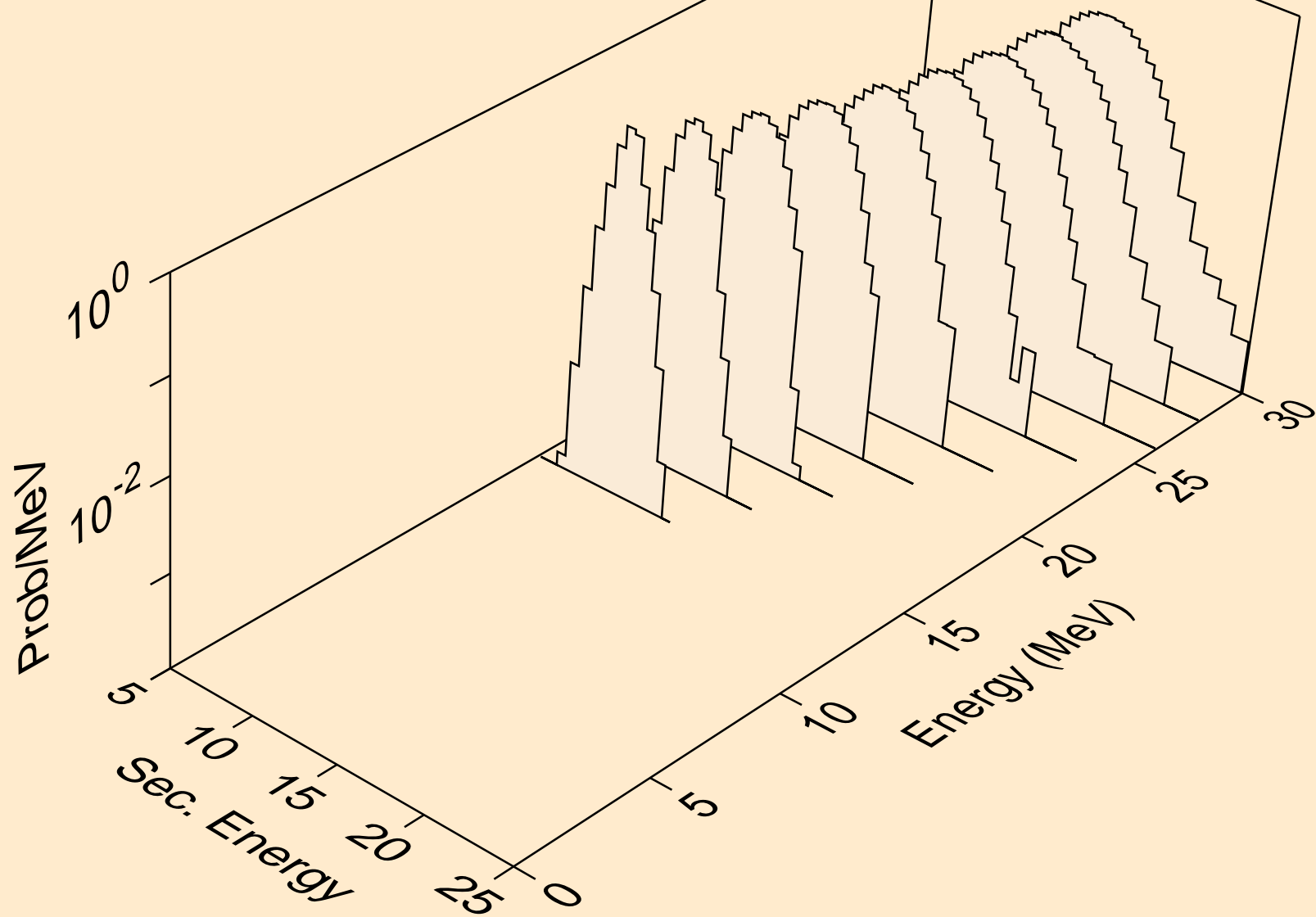
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



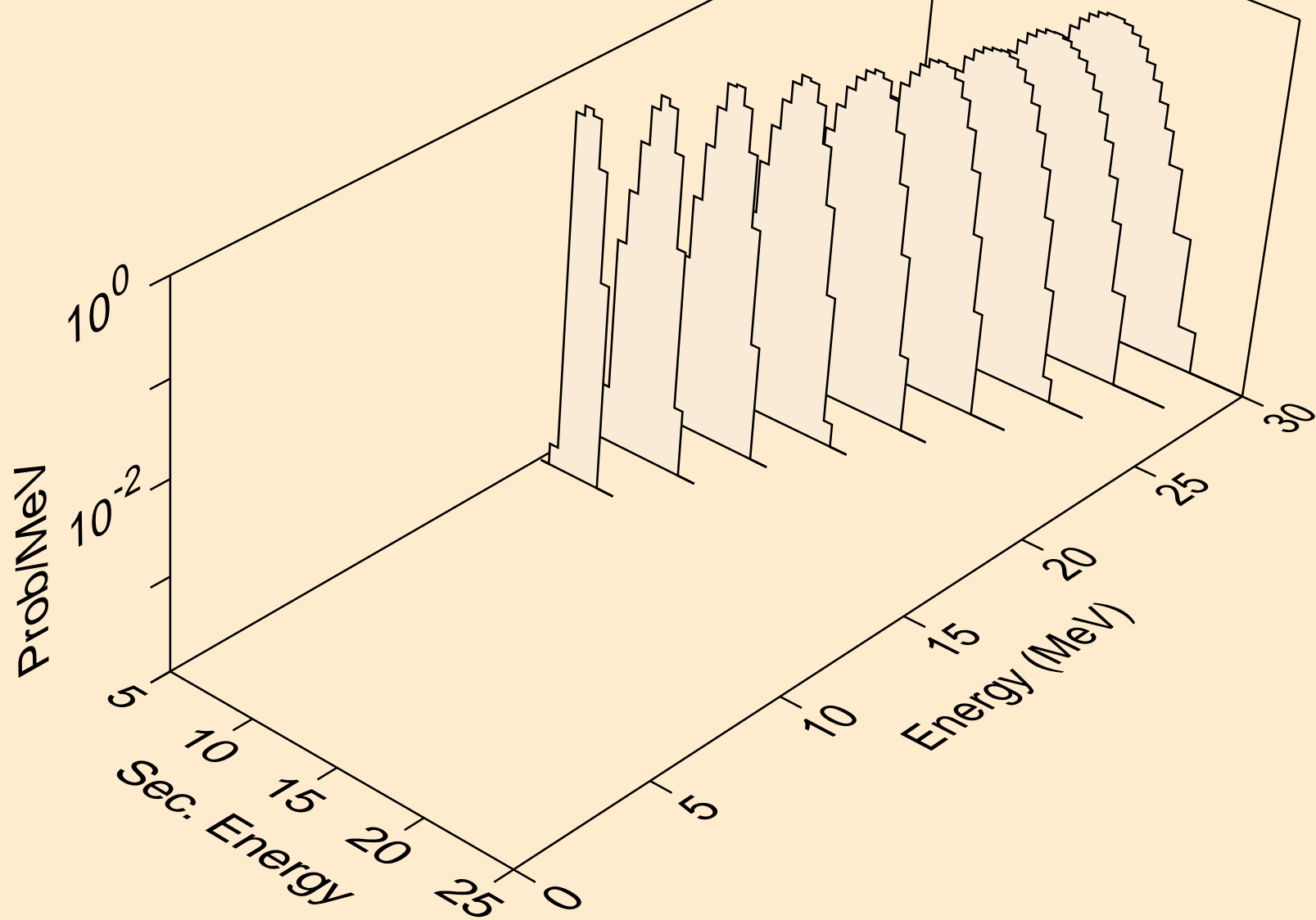
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



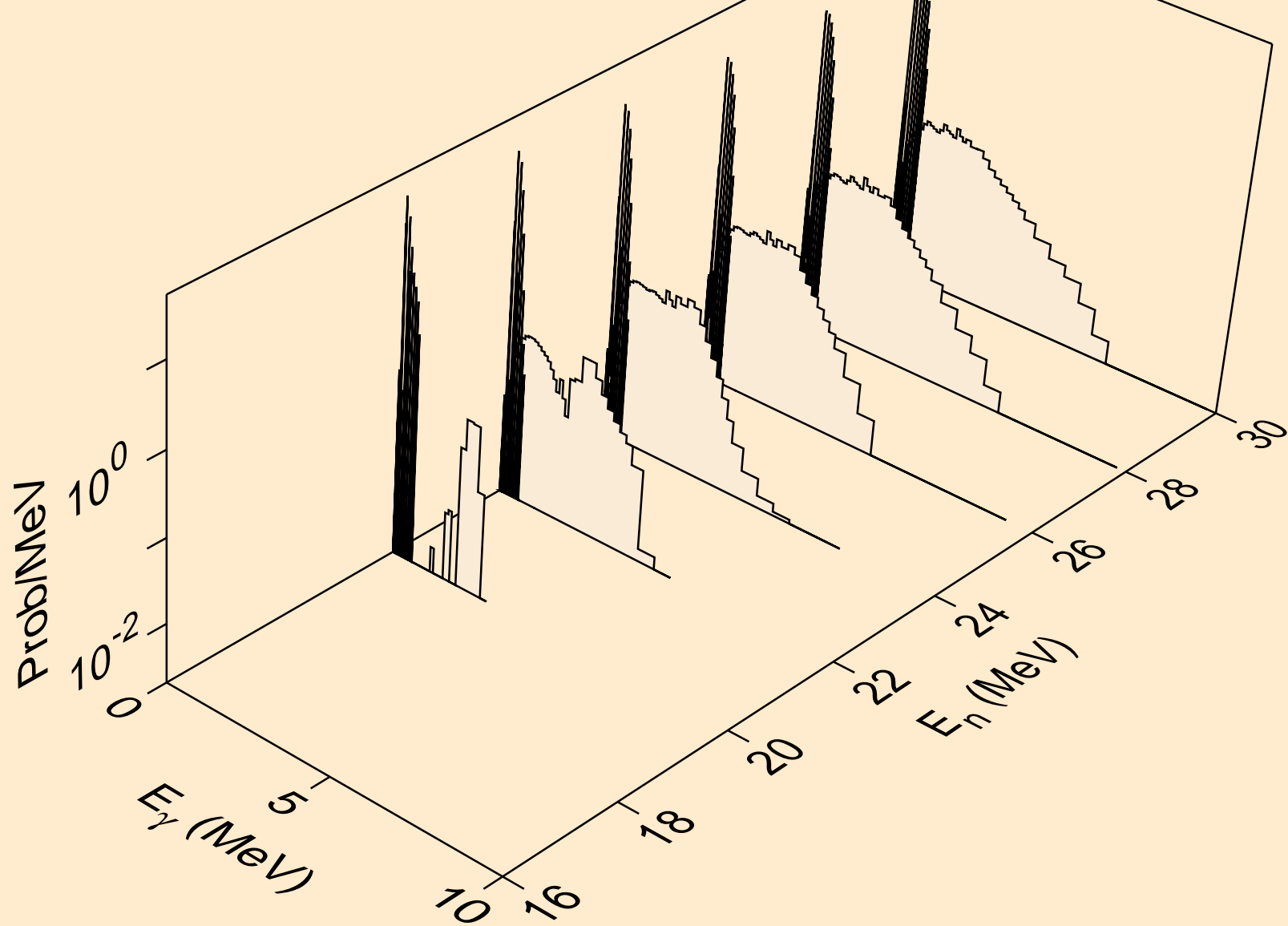
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Alpha emission for (a,2a)



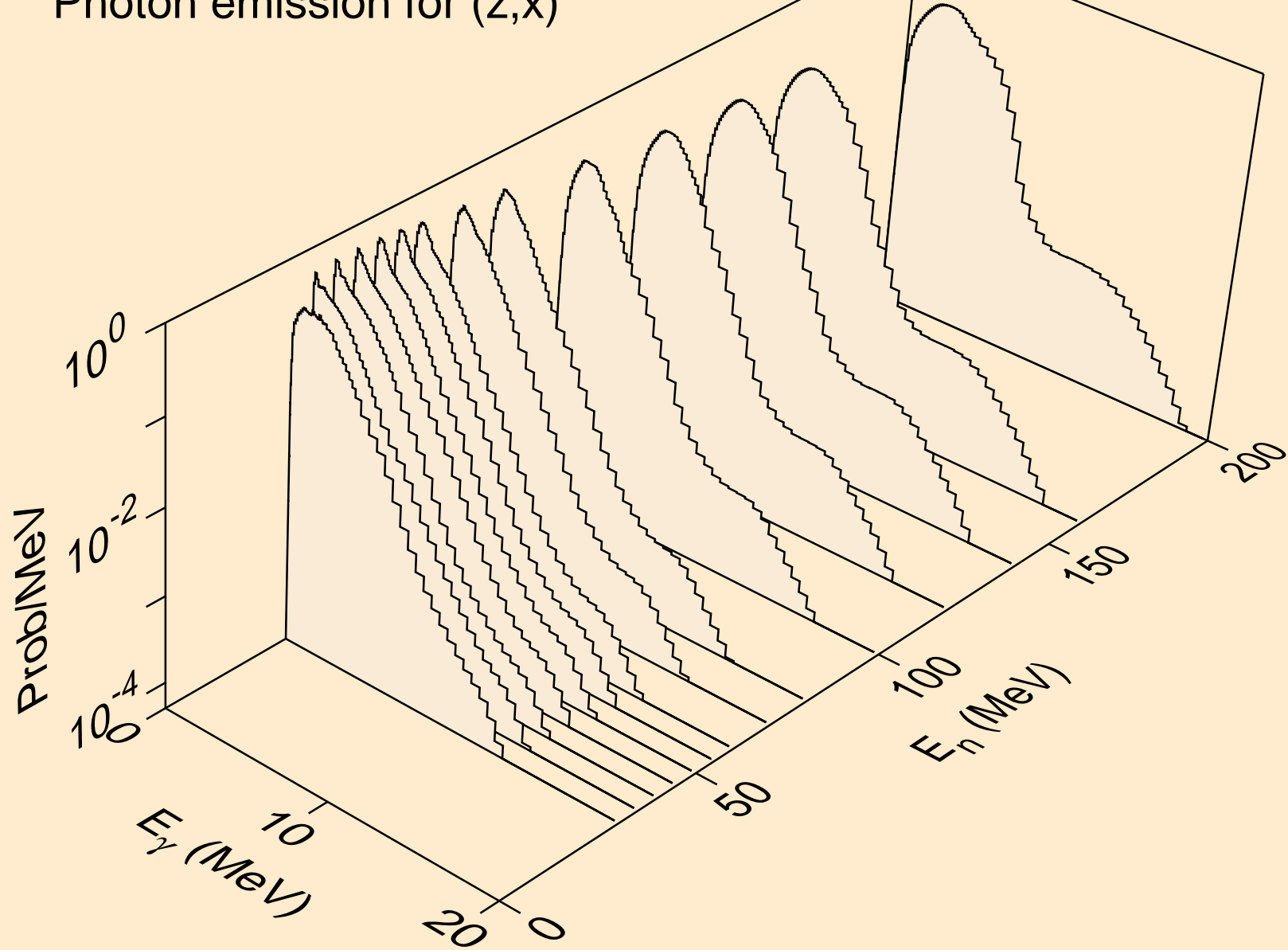
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



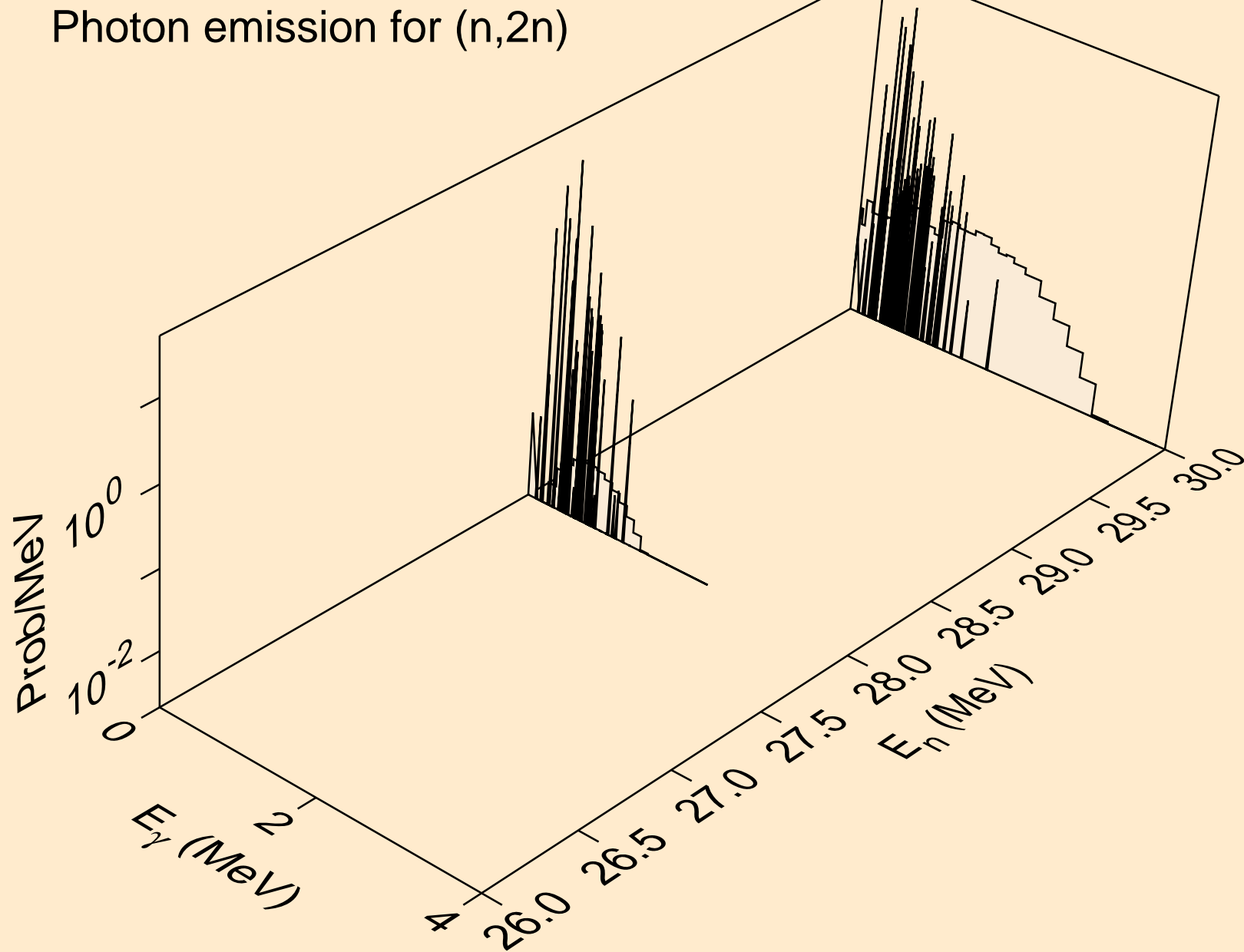
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



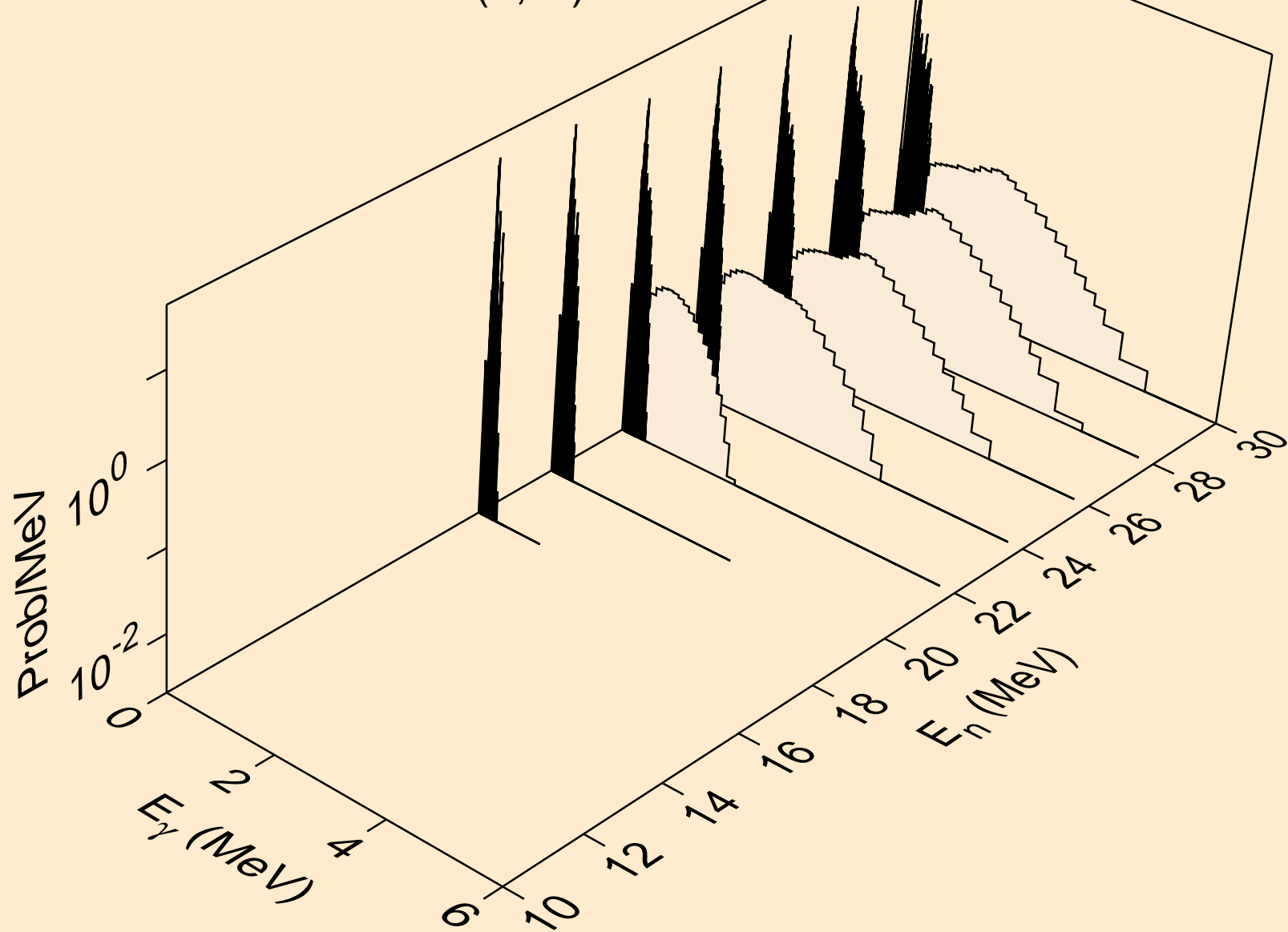
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



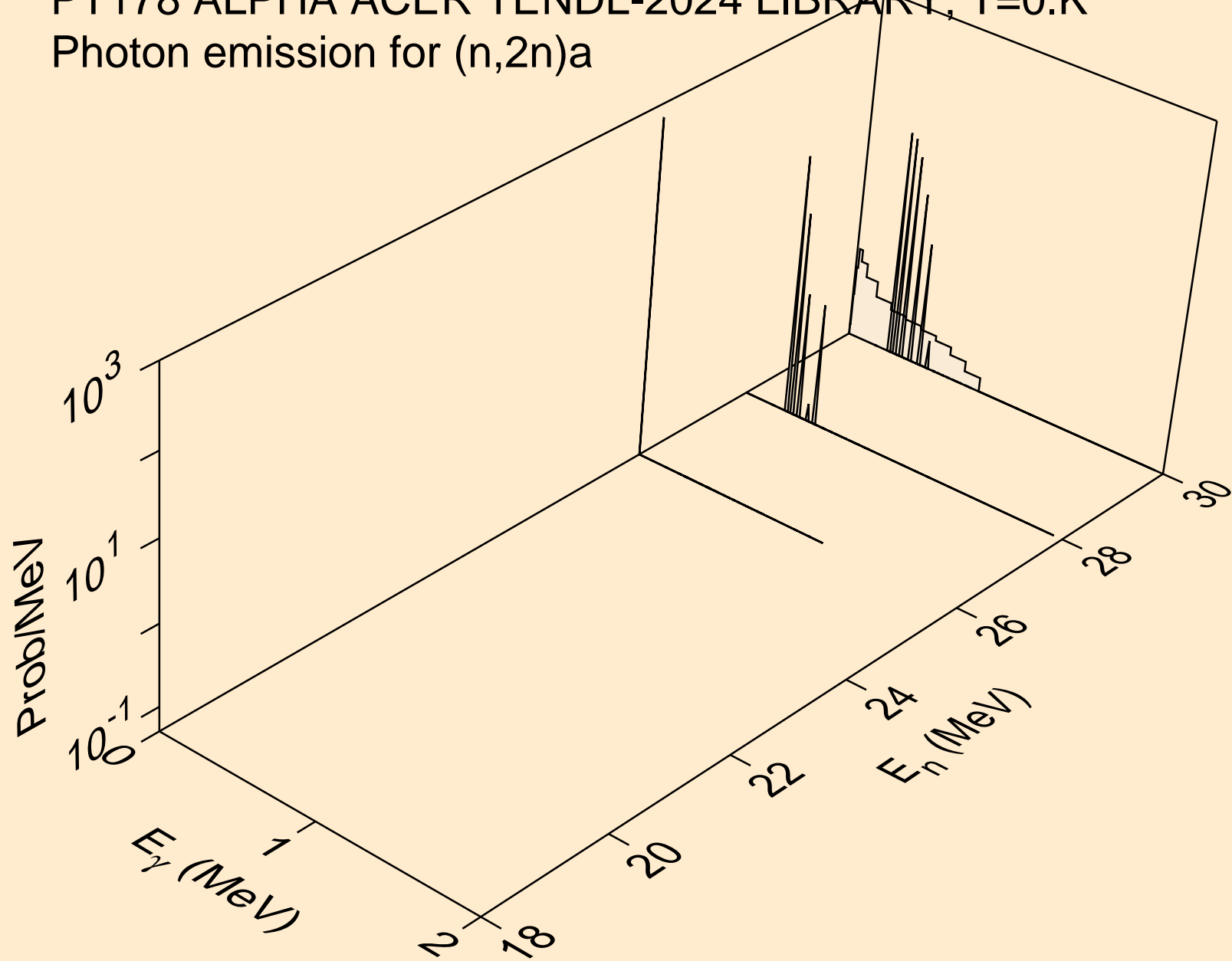
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



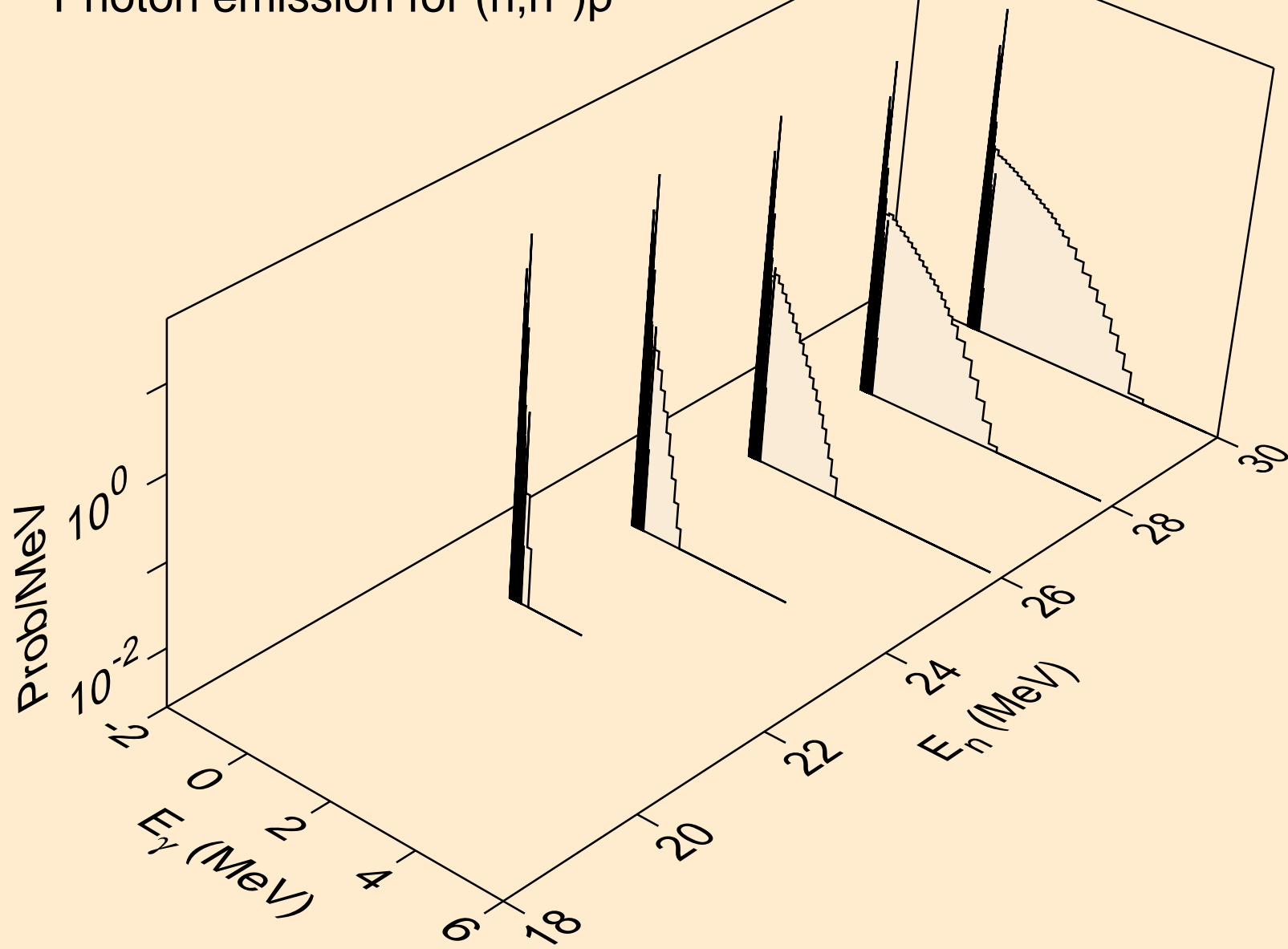
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



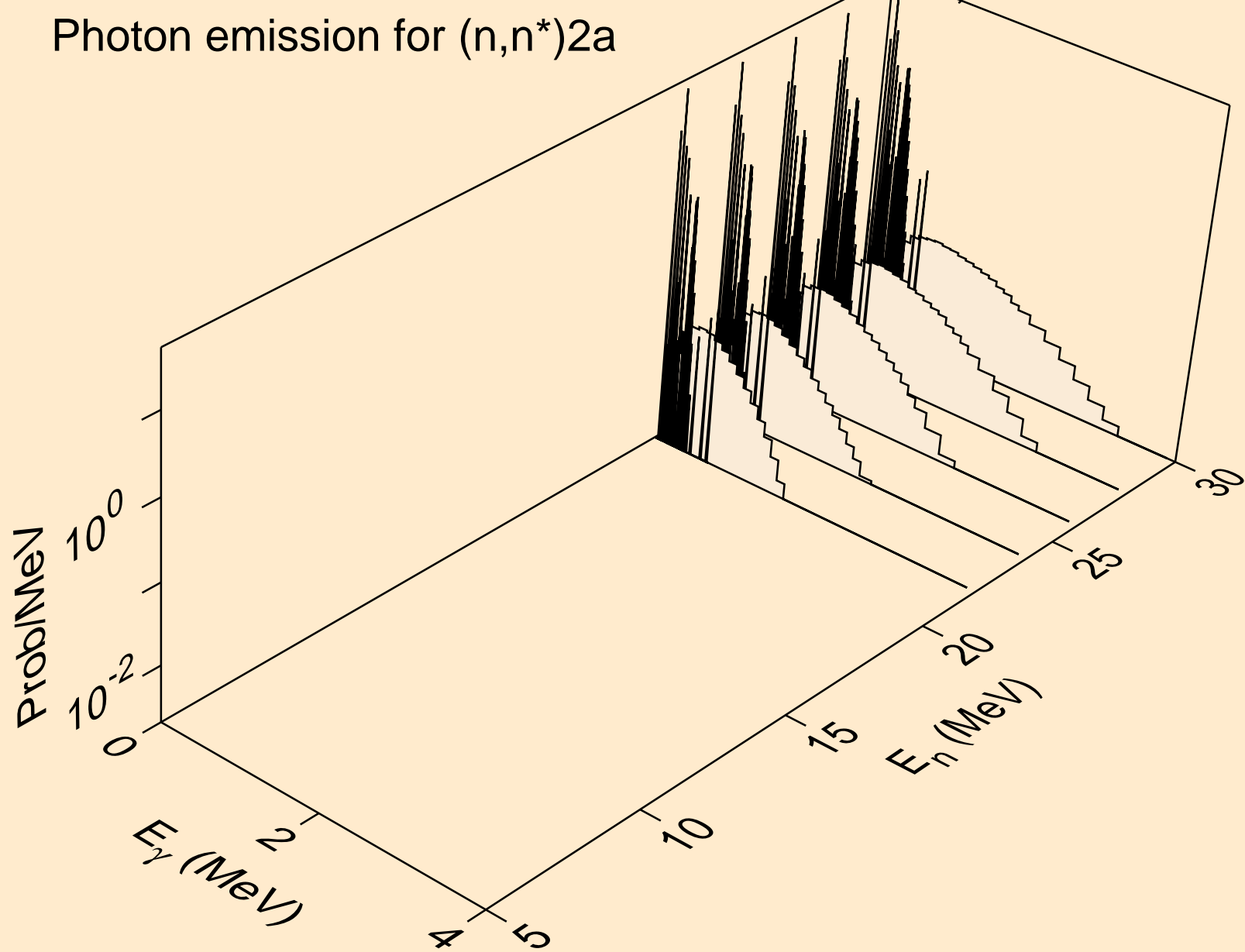
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



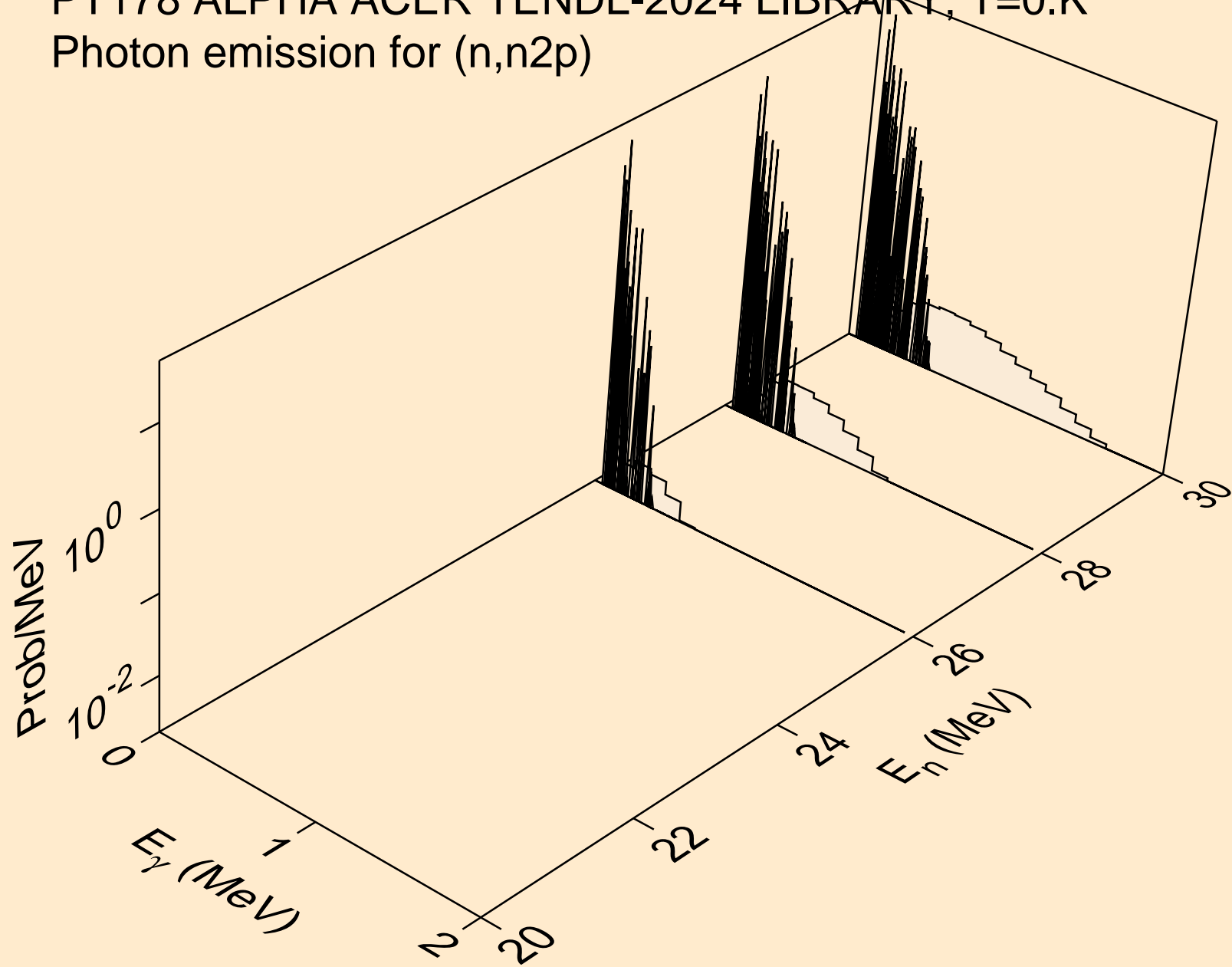
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



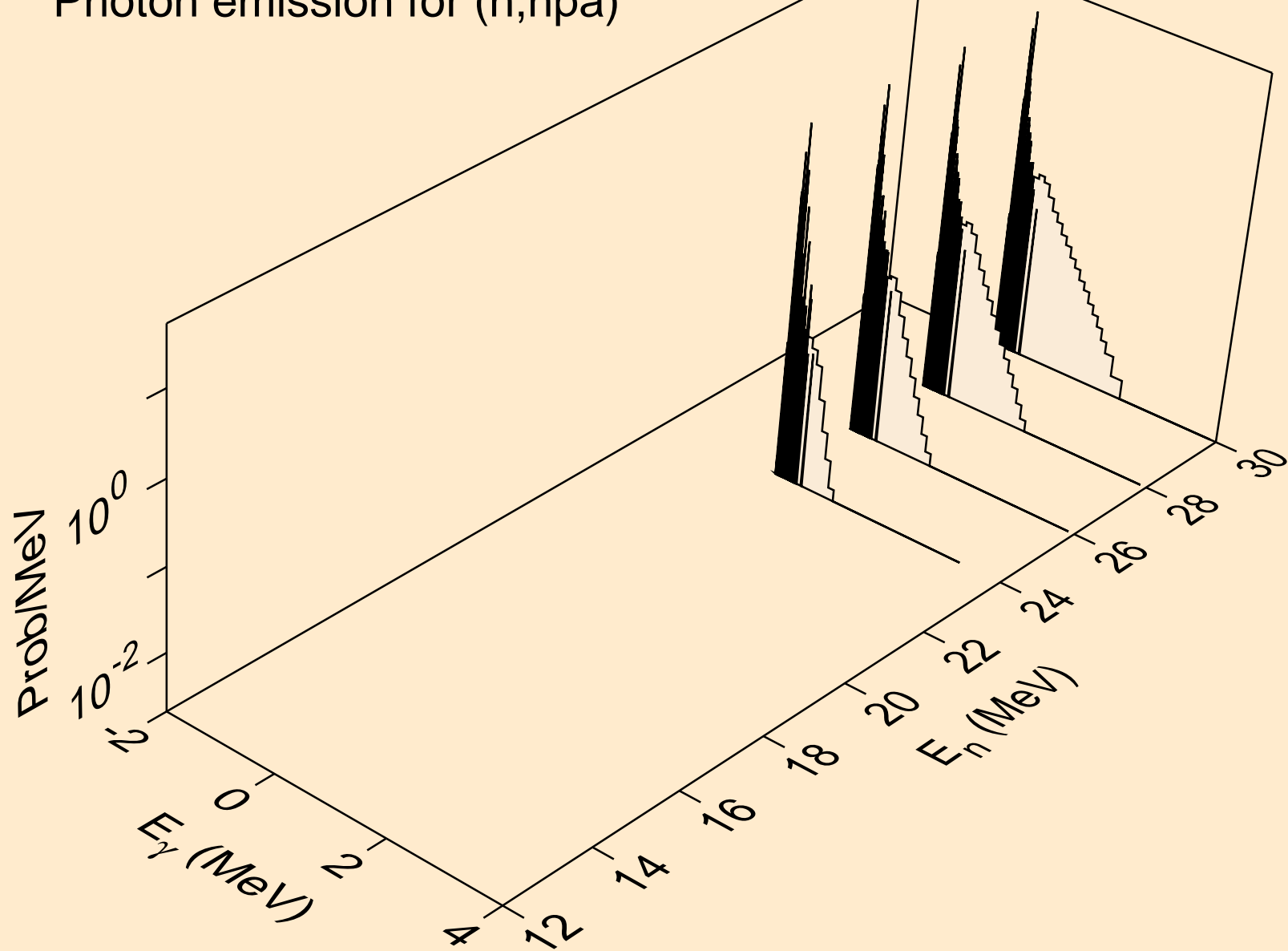
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



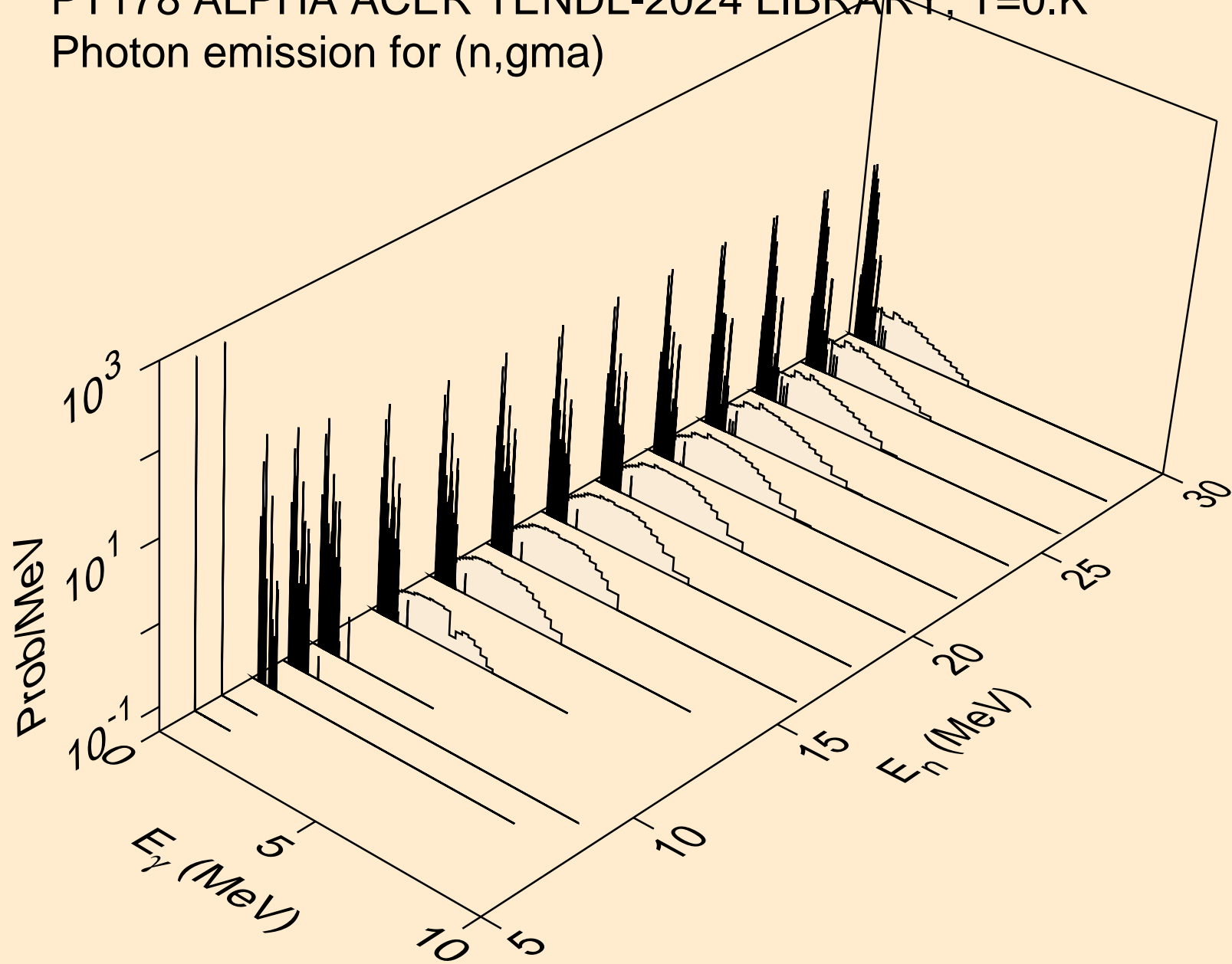
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



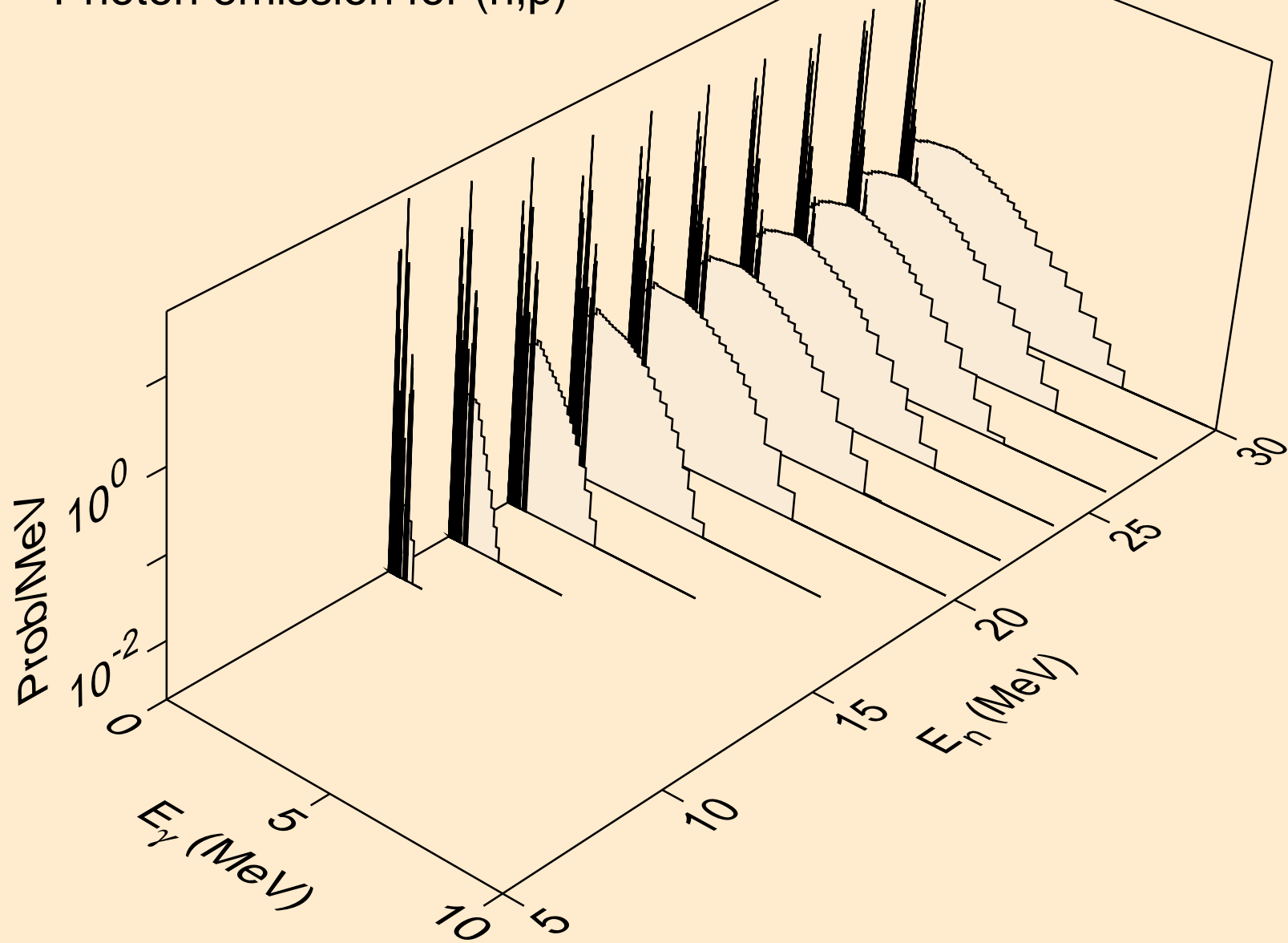
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



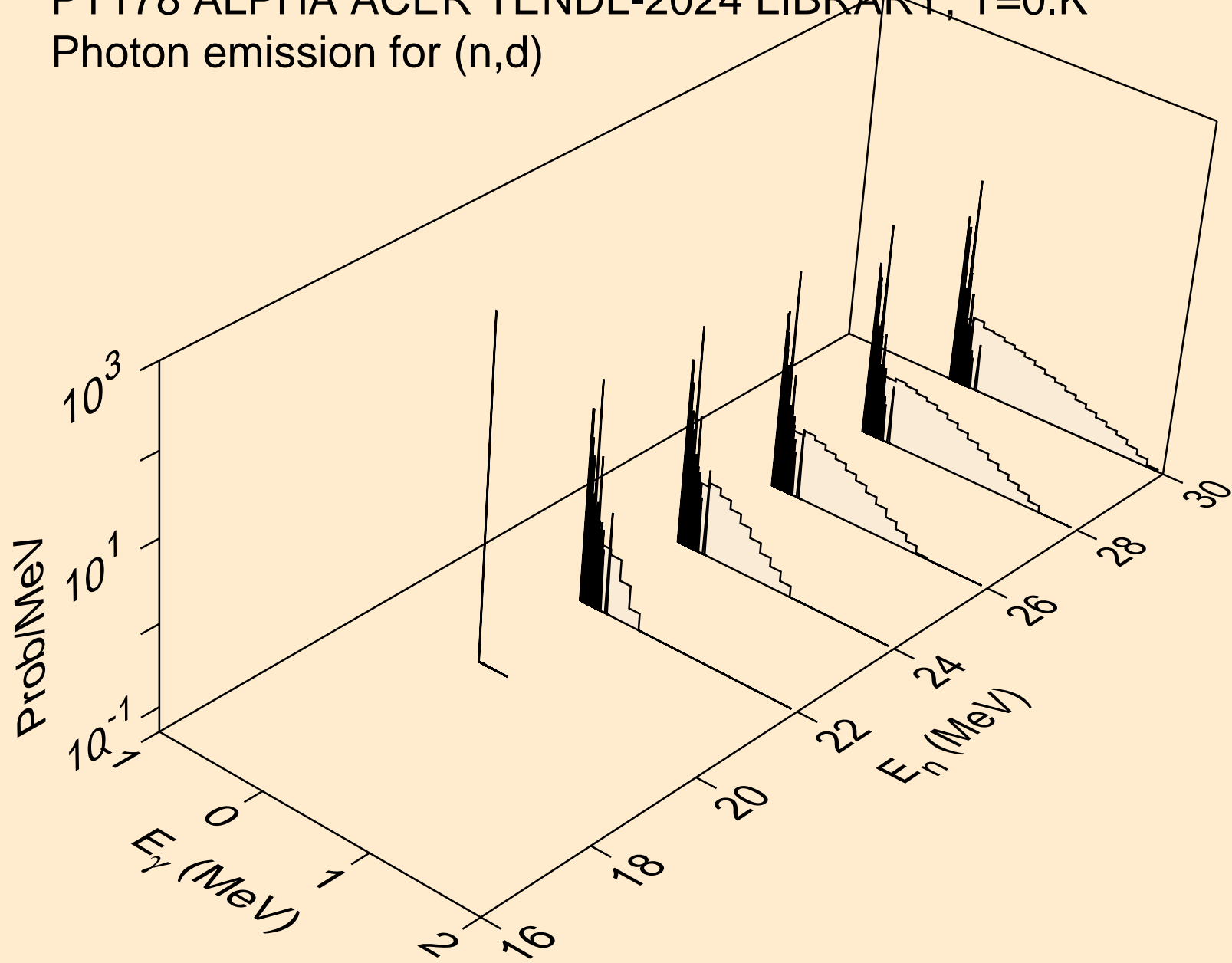
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



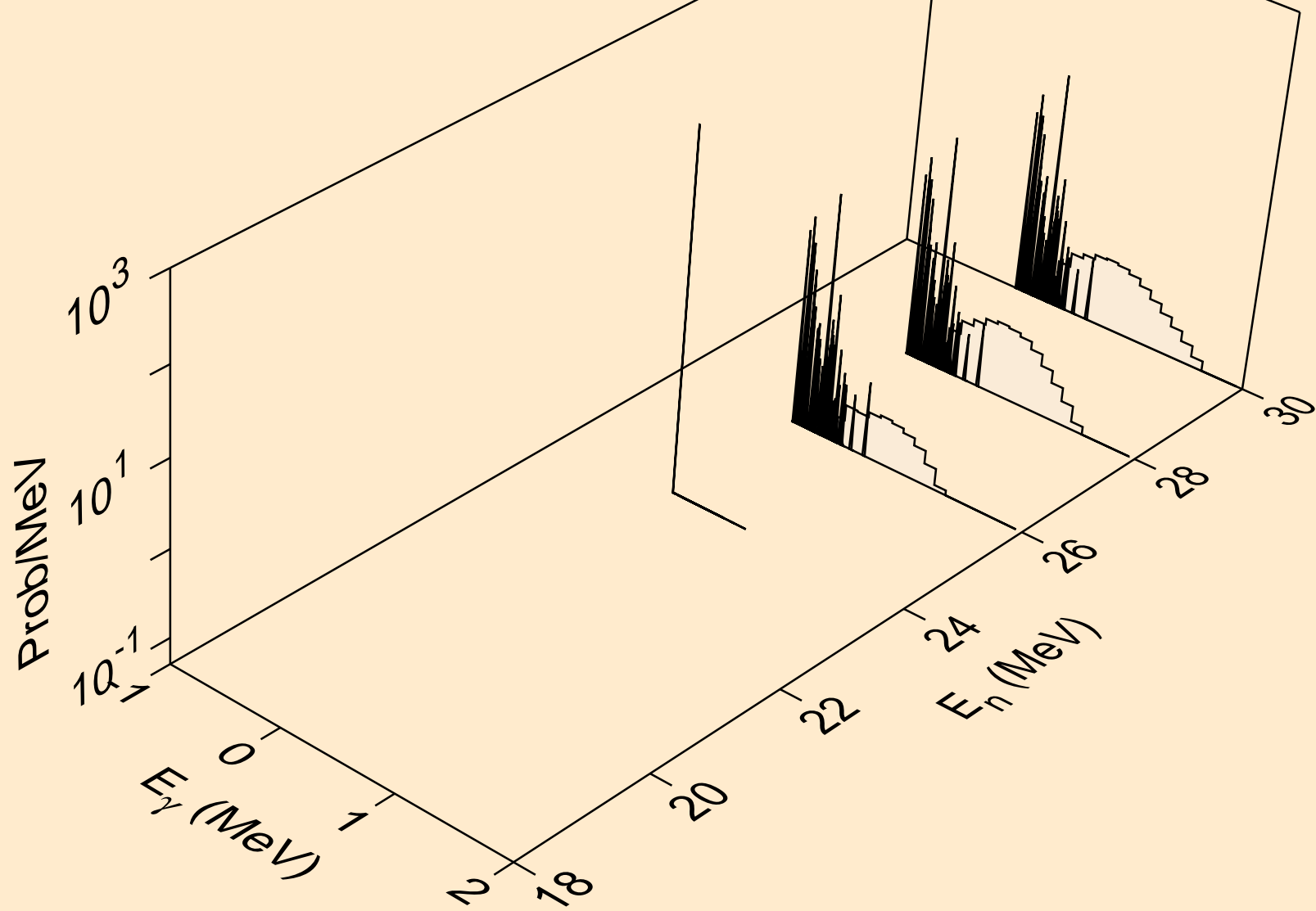
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



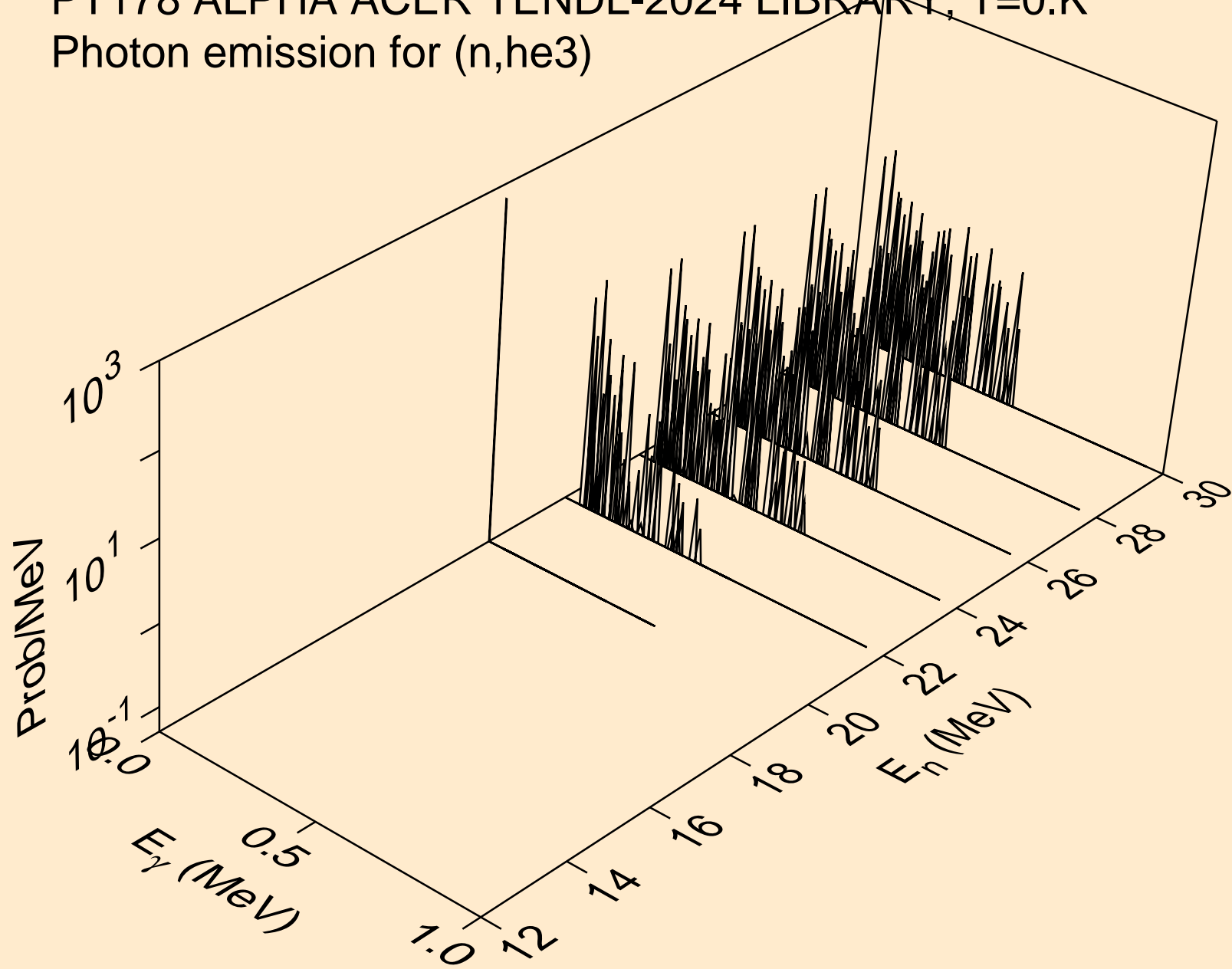
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



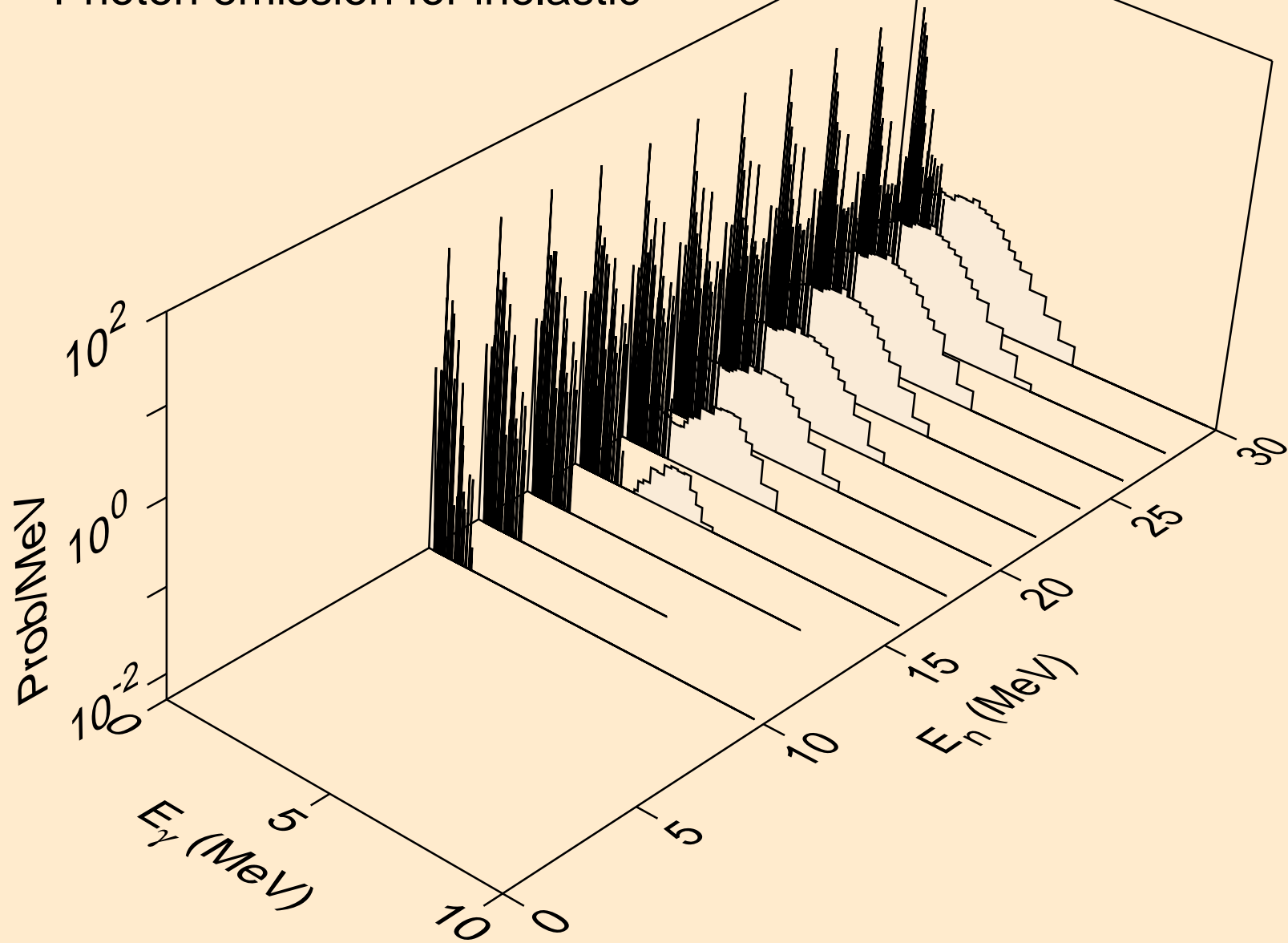
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



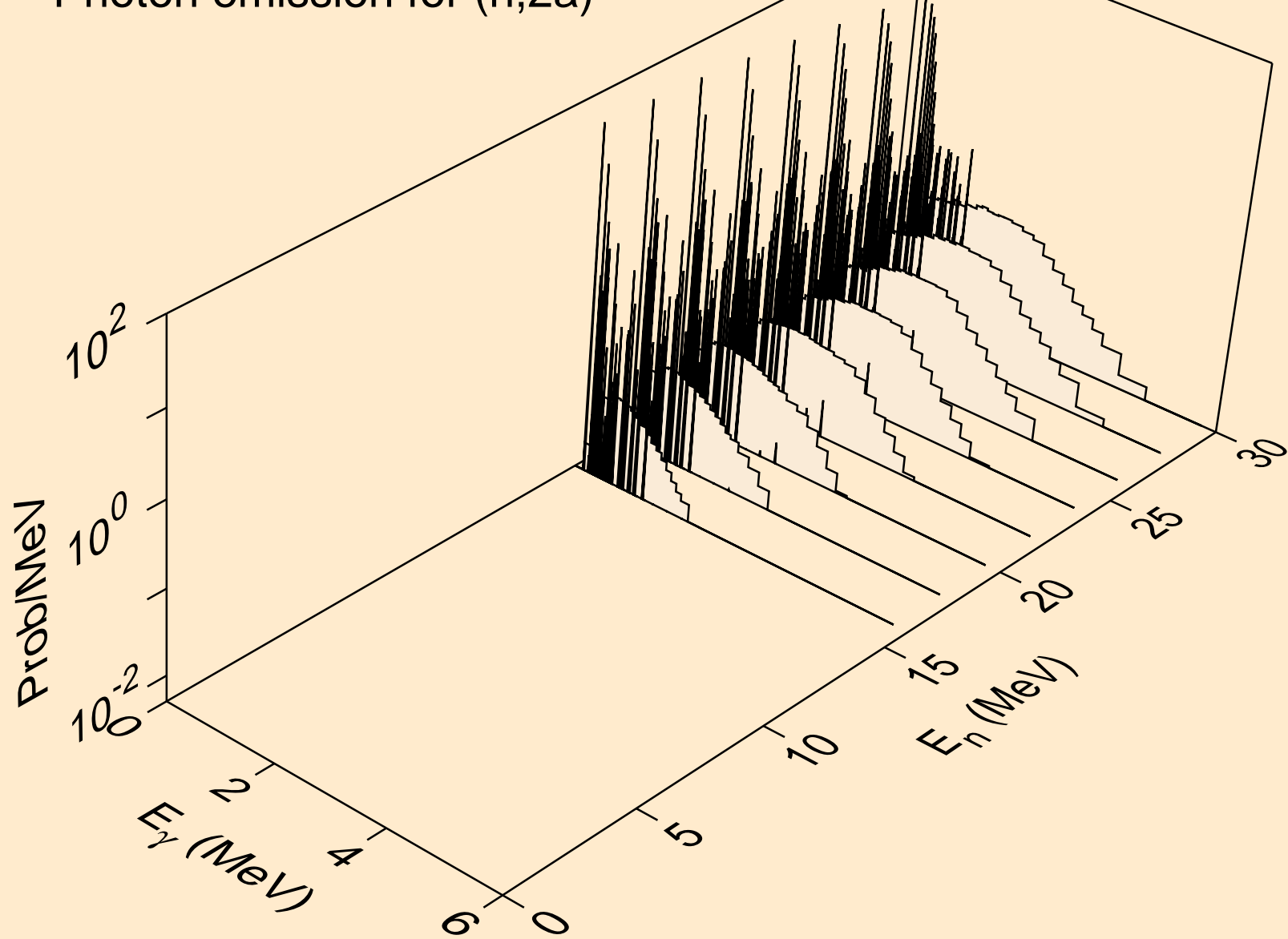
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



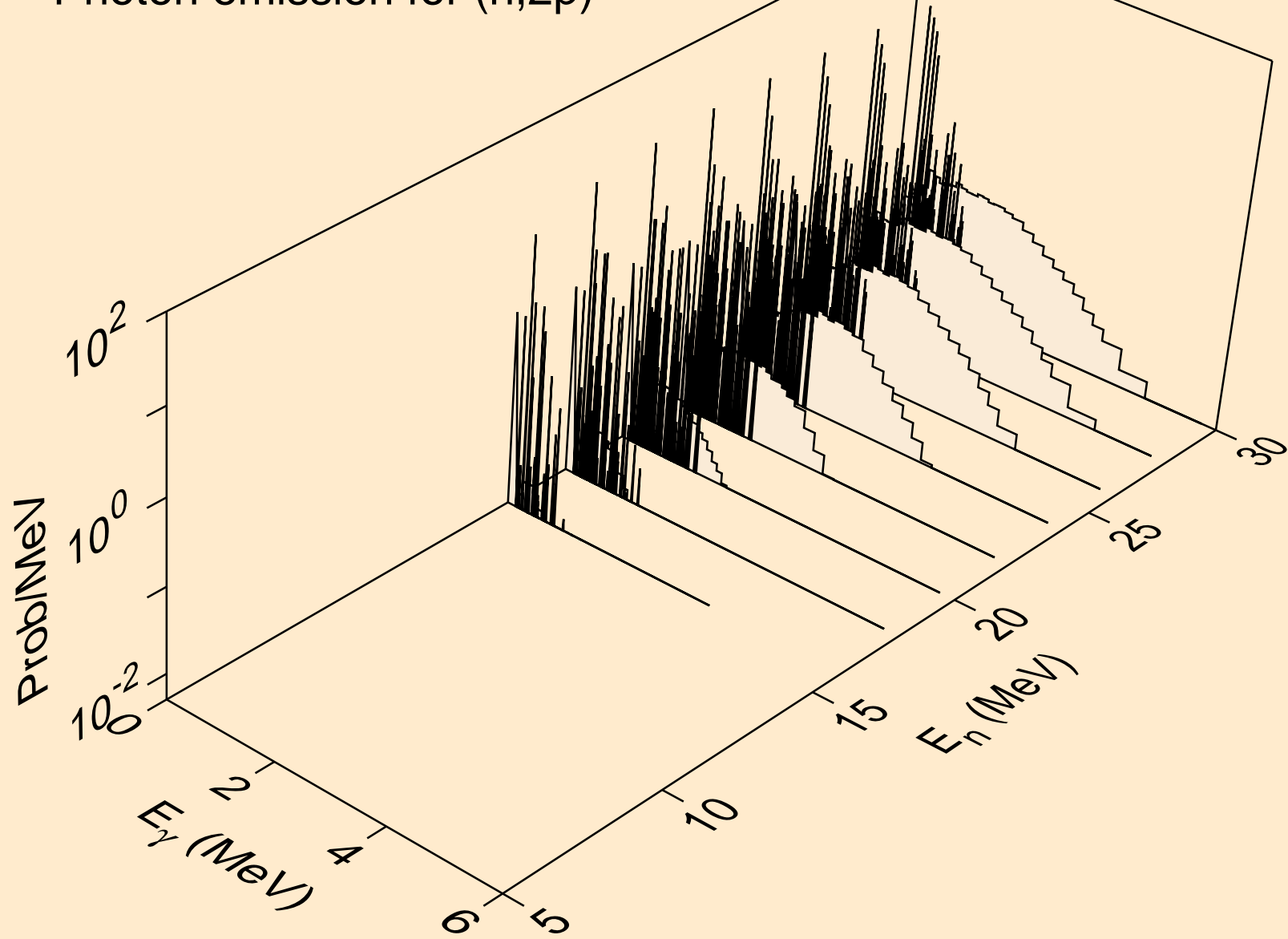
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



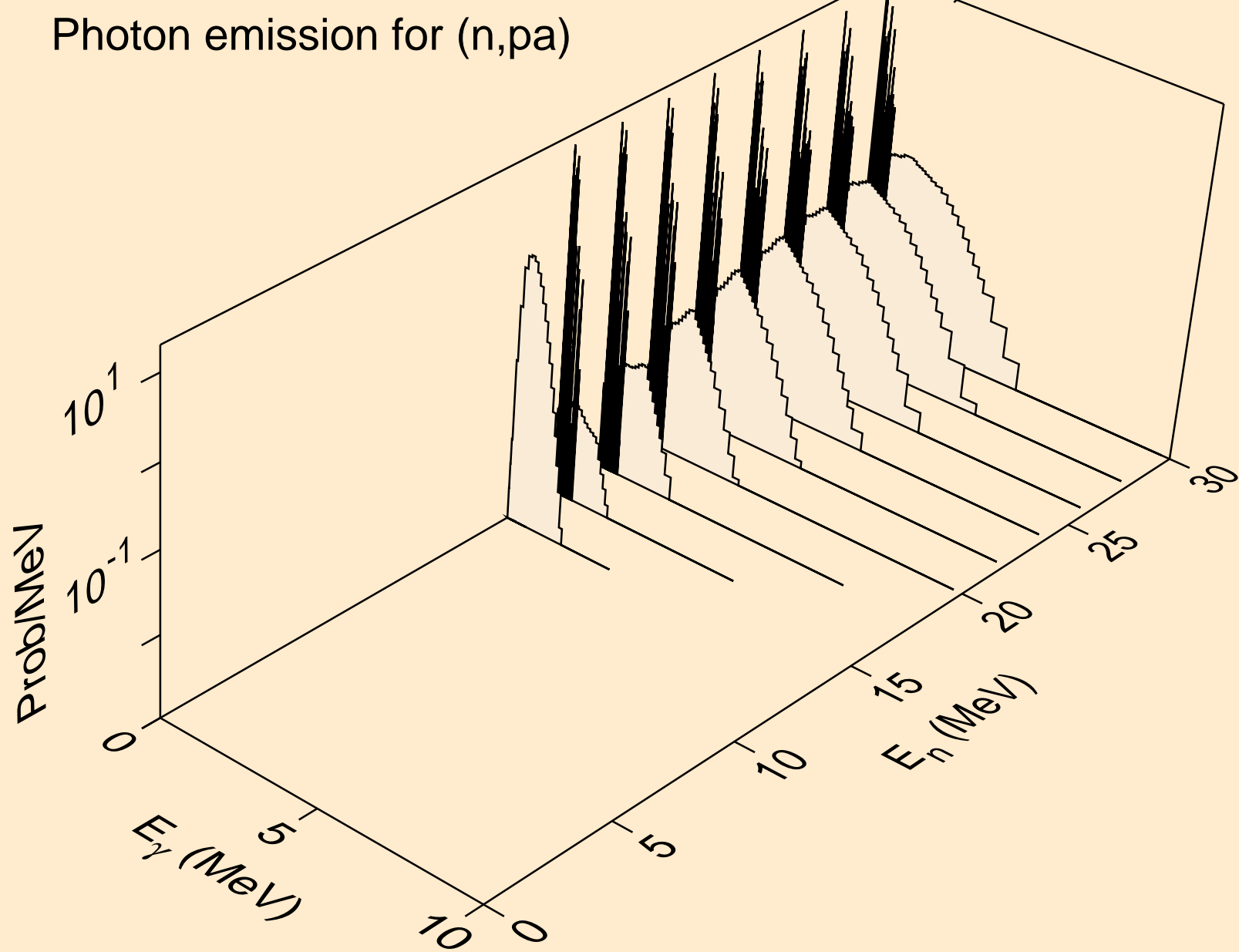
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



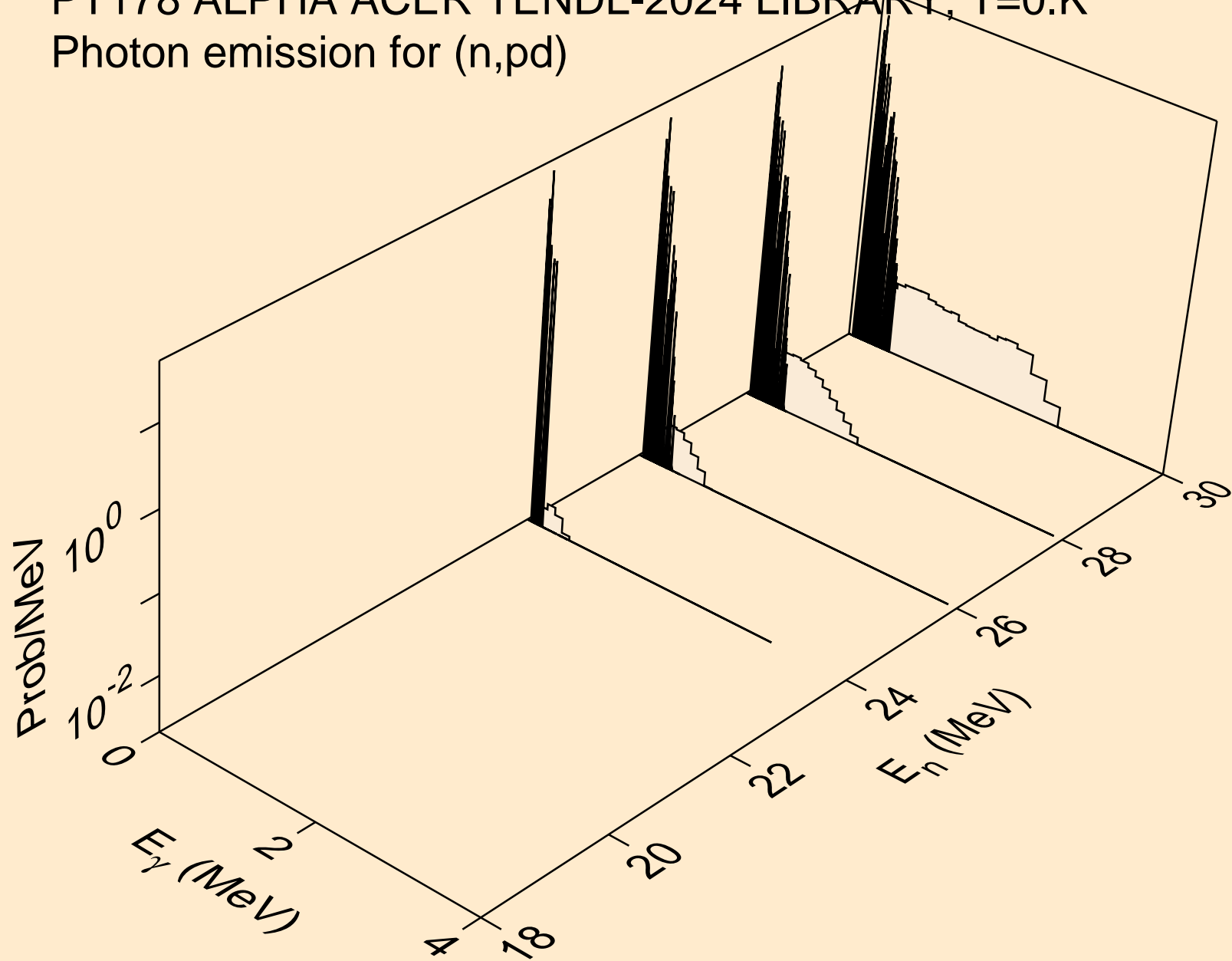
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



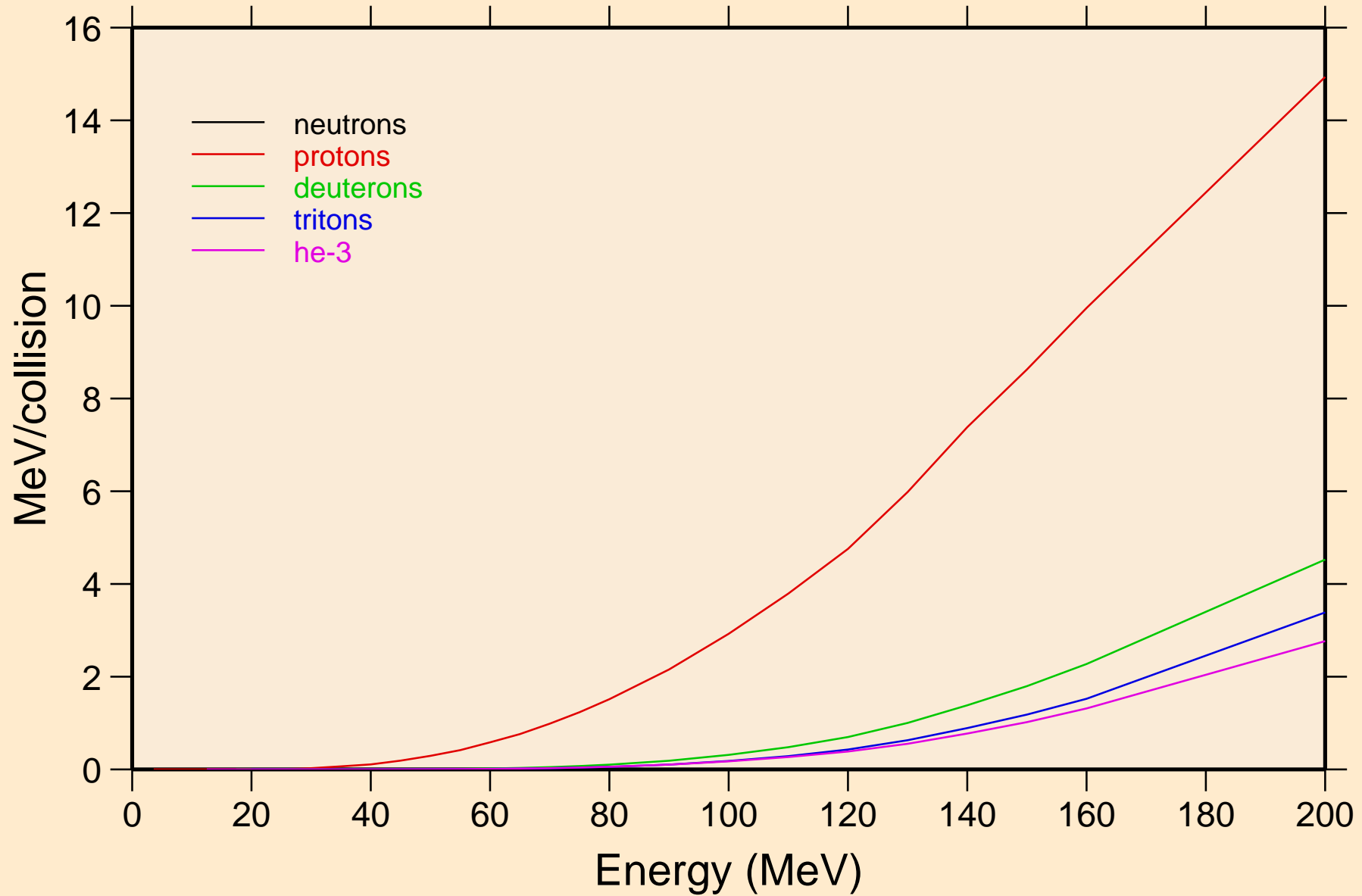
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



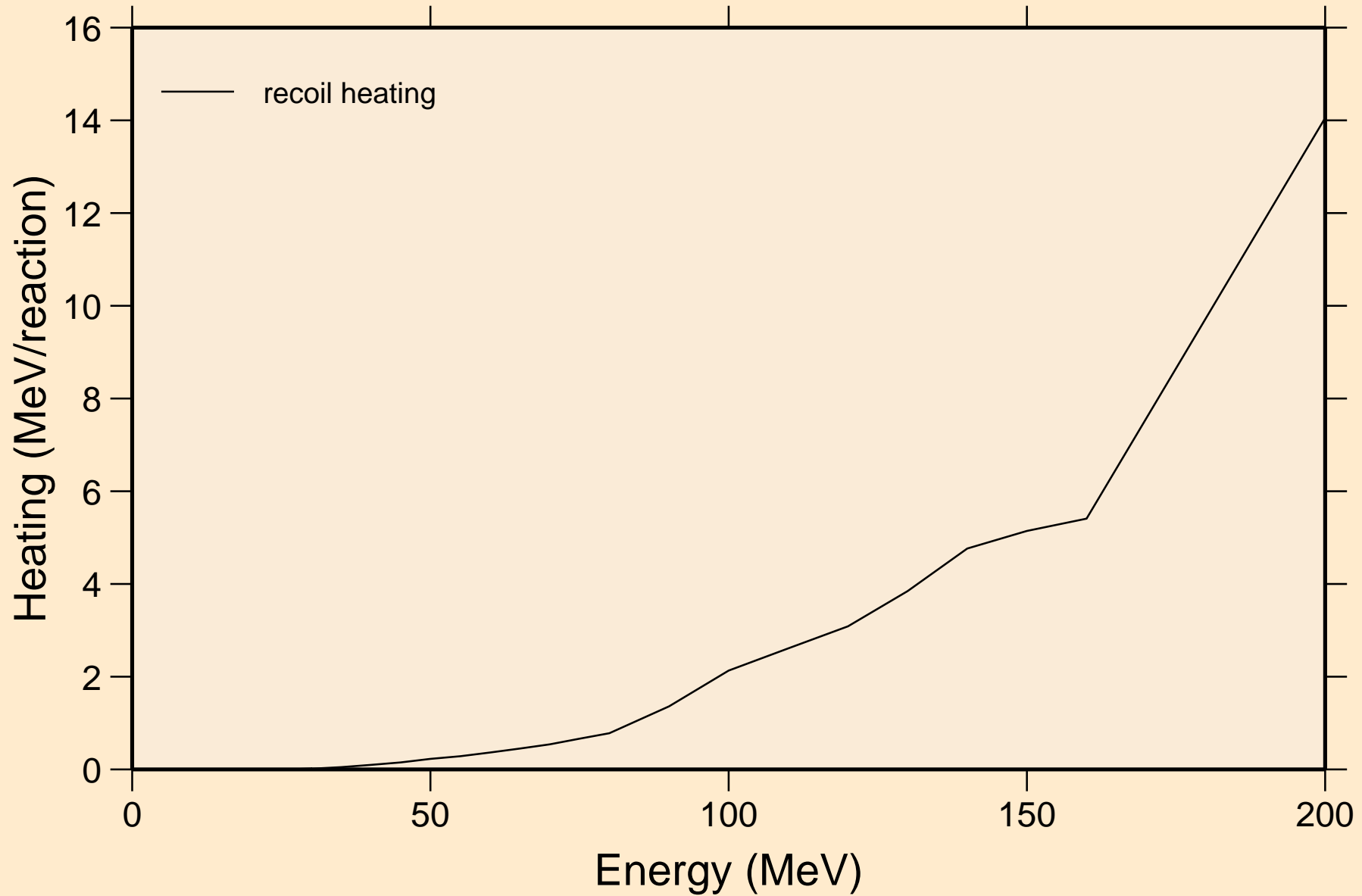
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

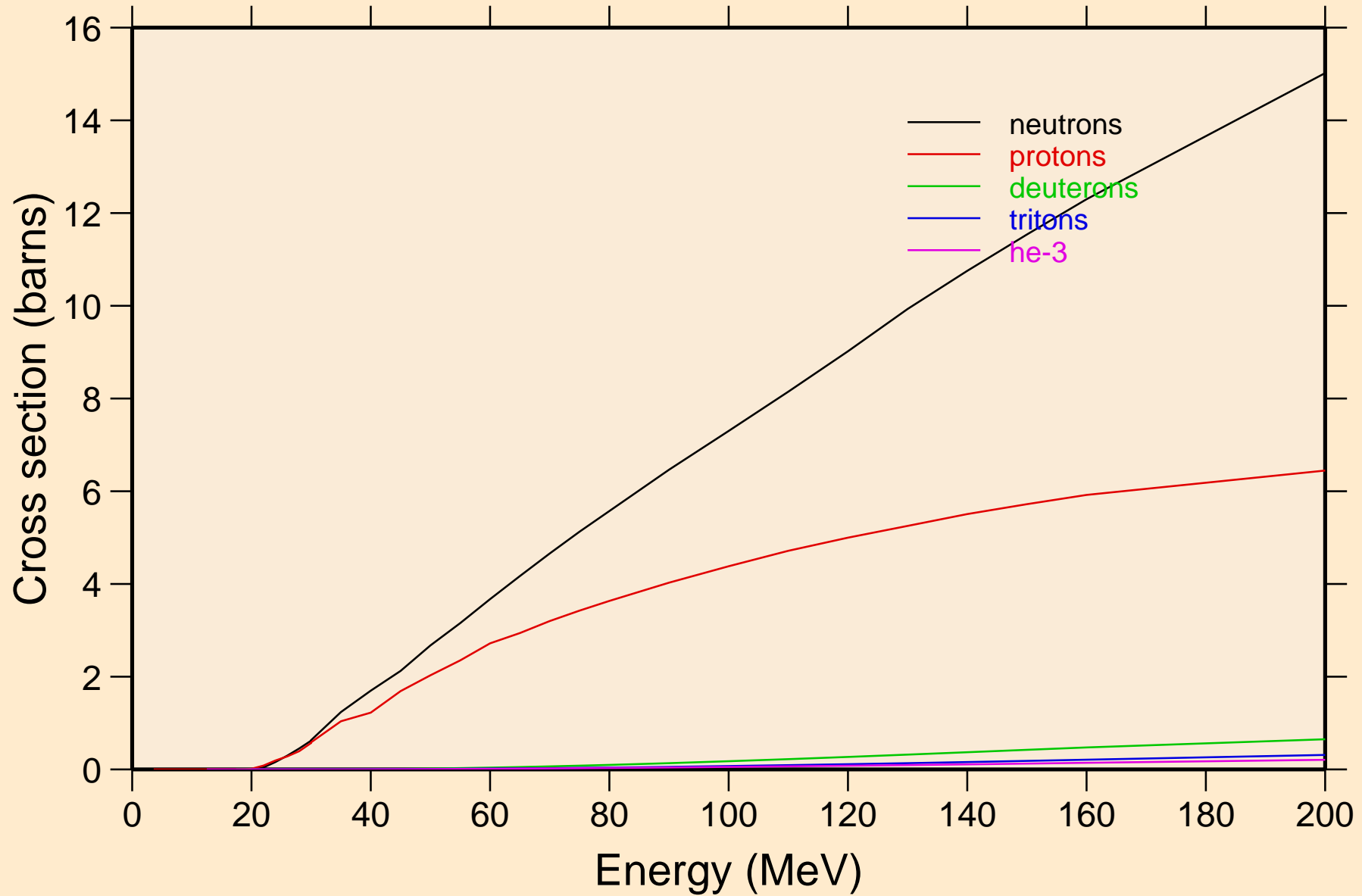


PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

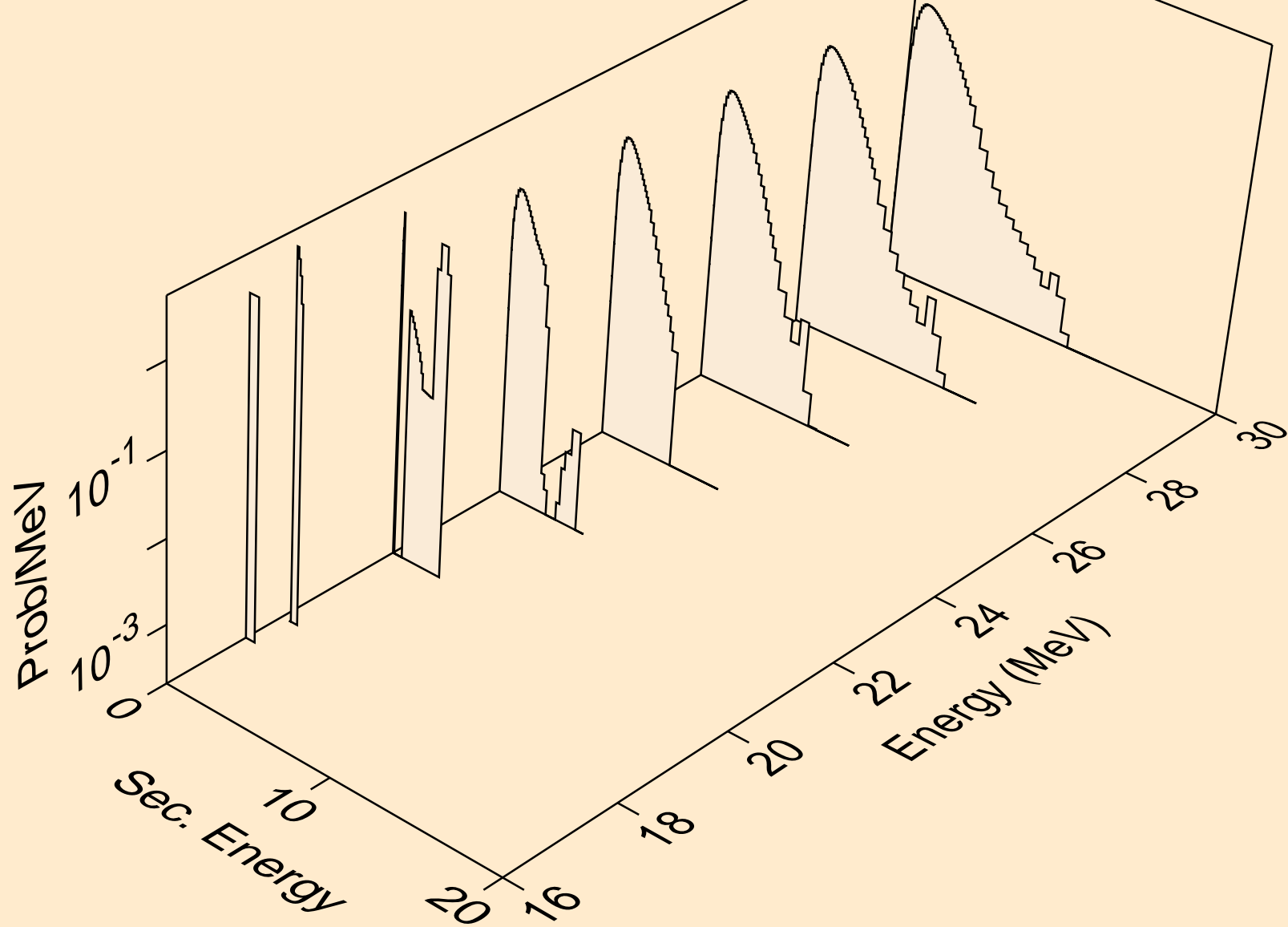


PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

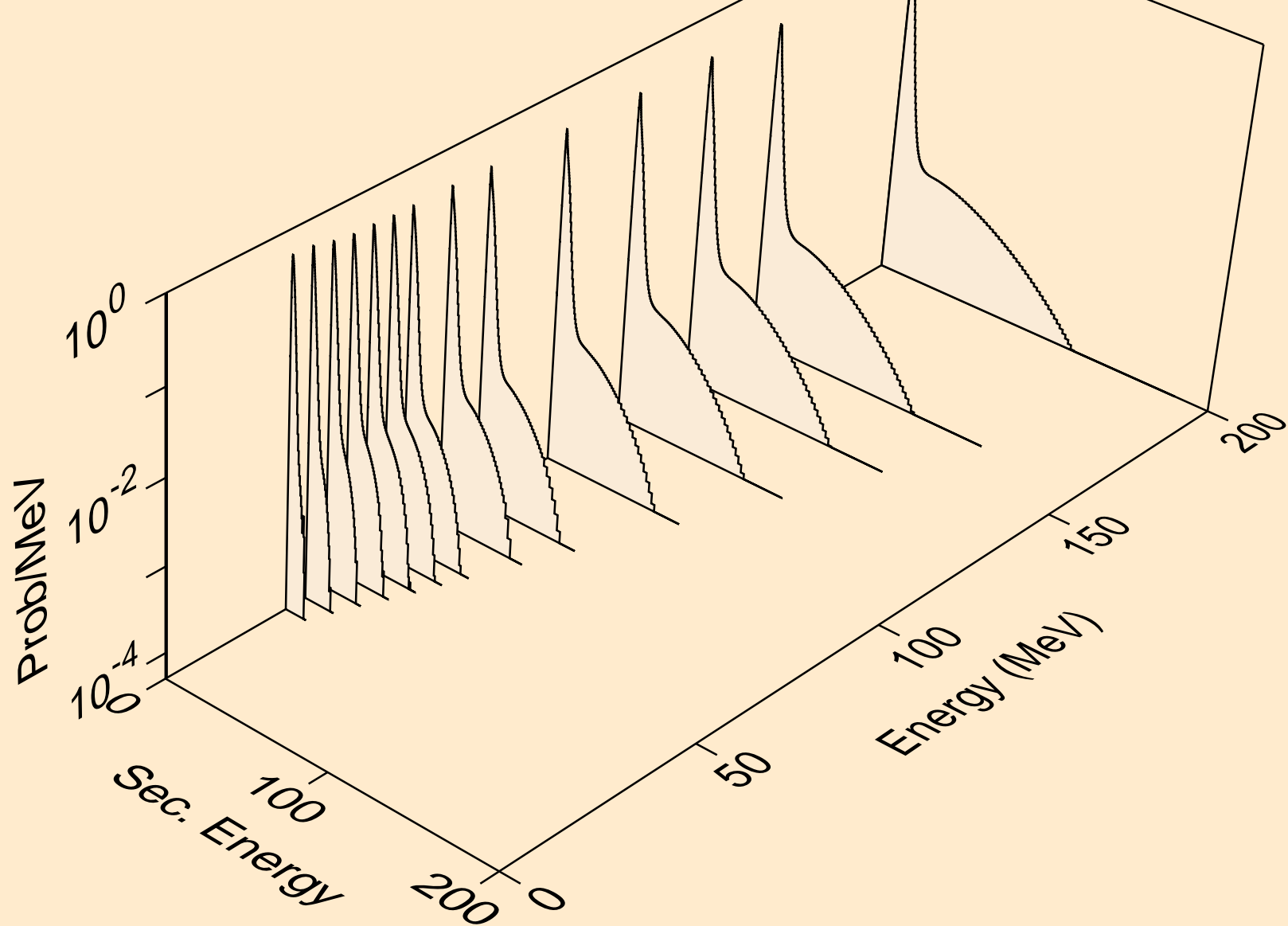
Particle production cross sections



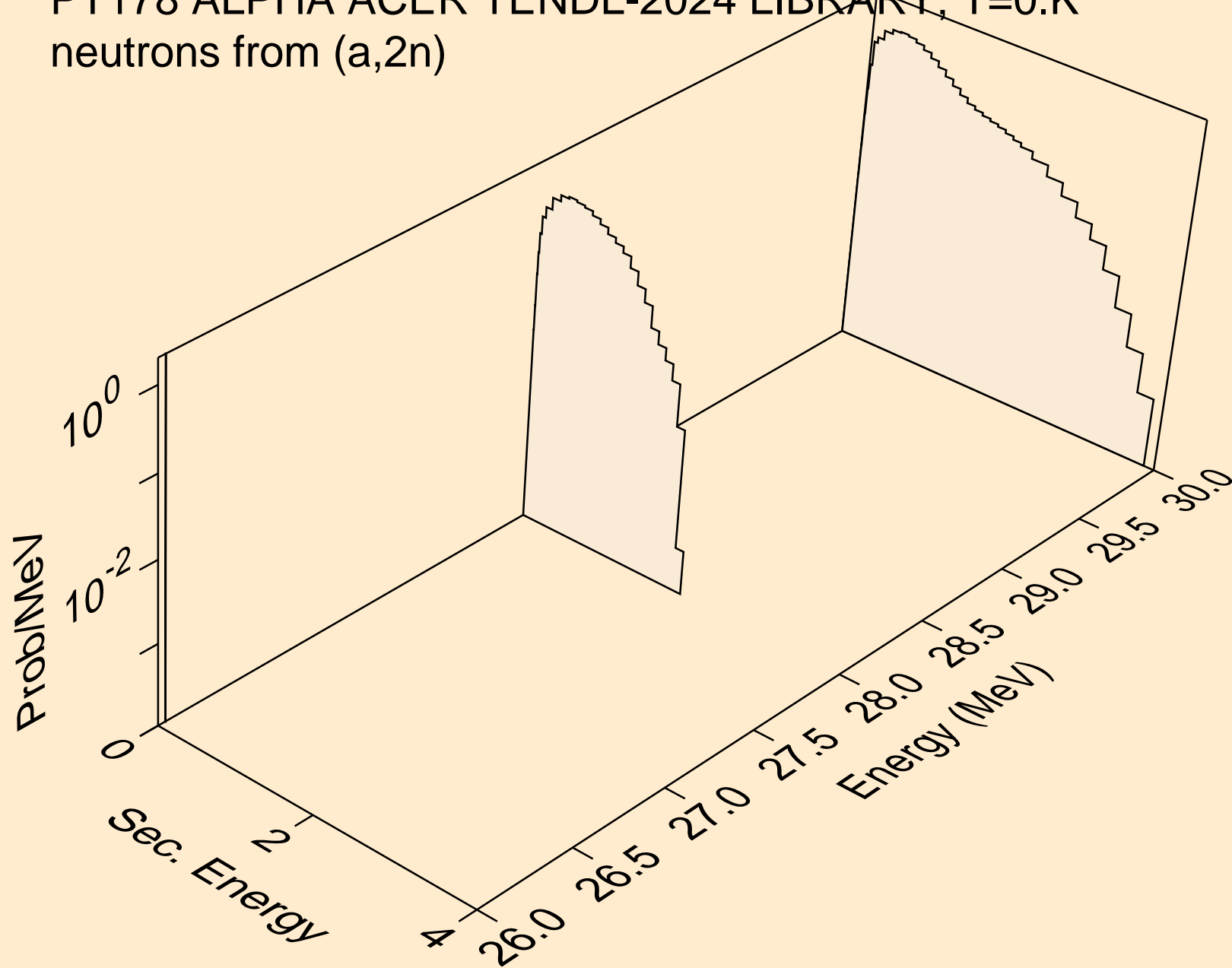
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



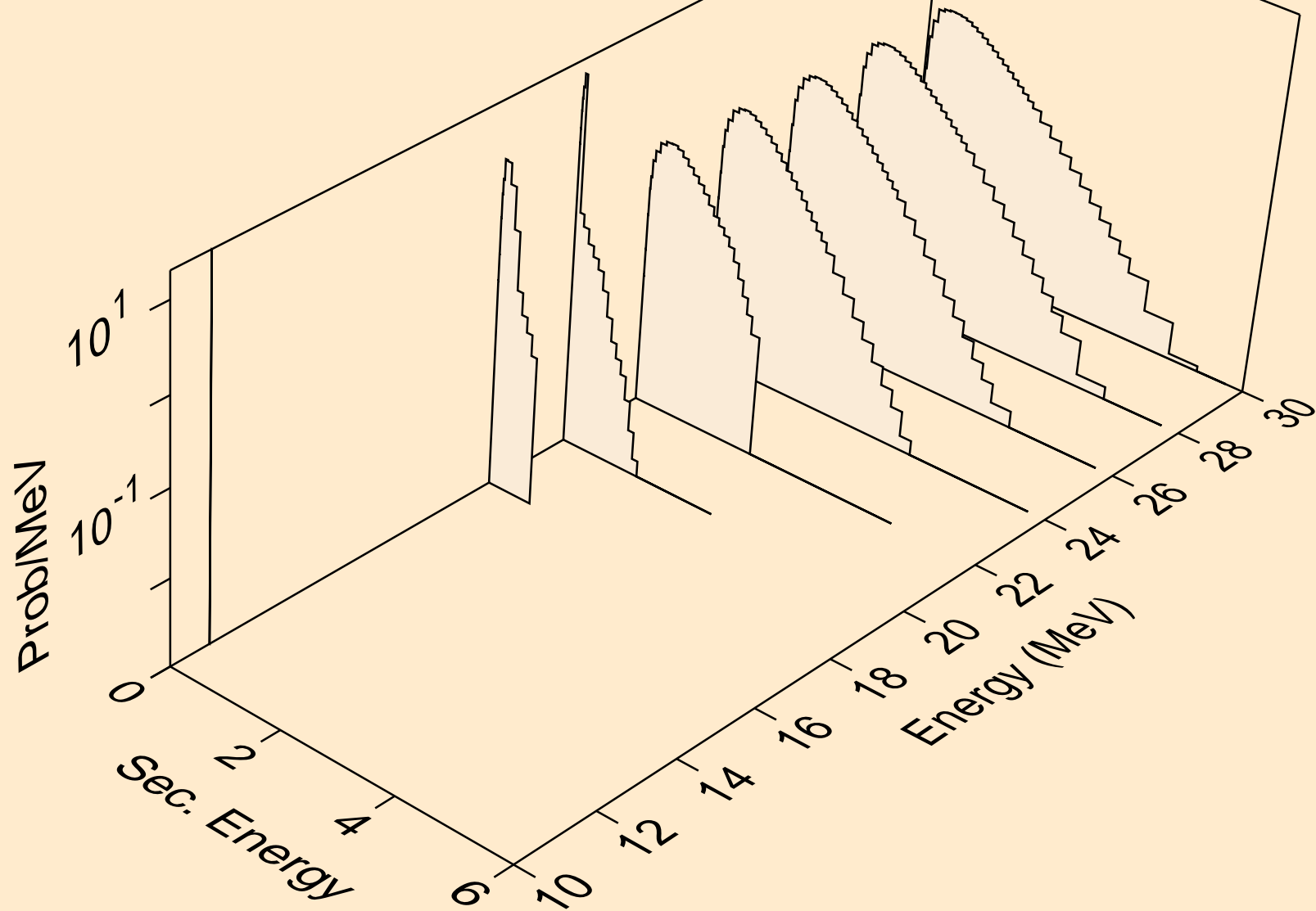
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



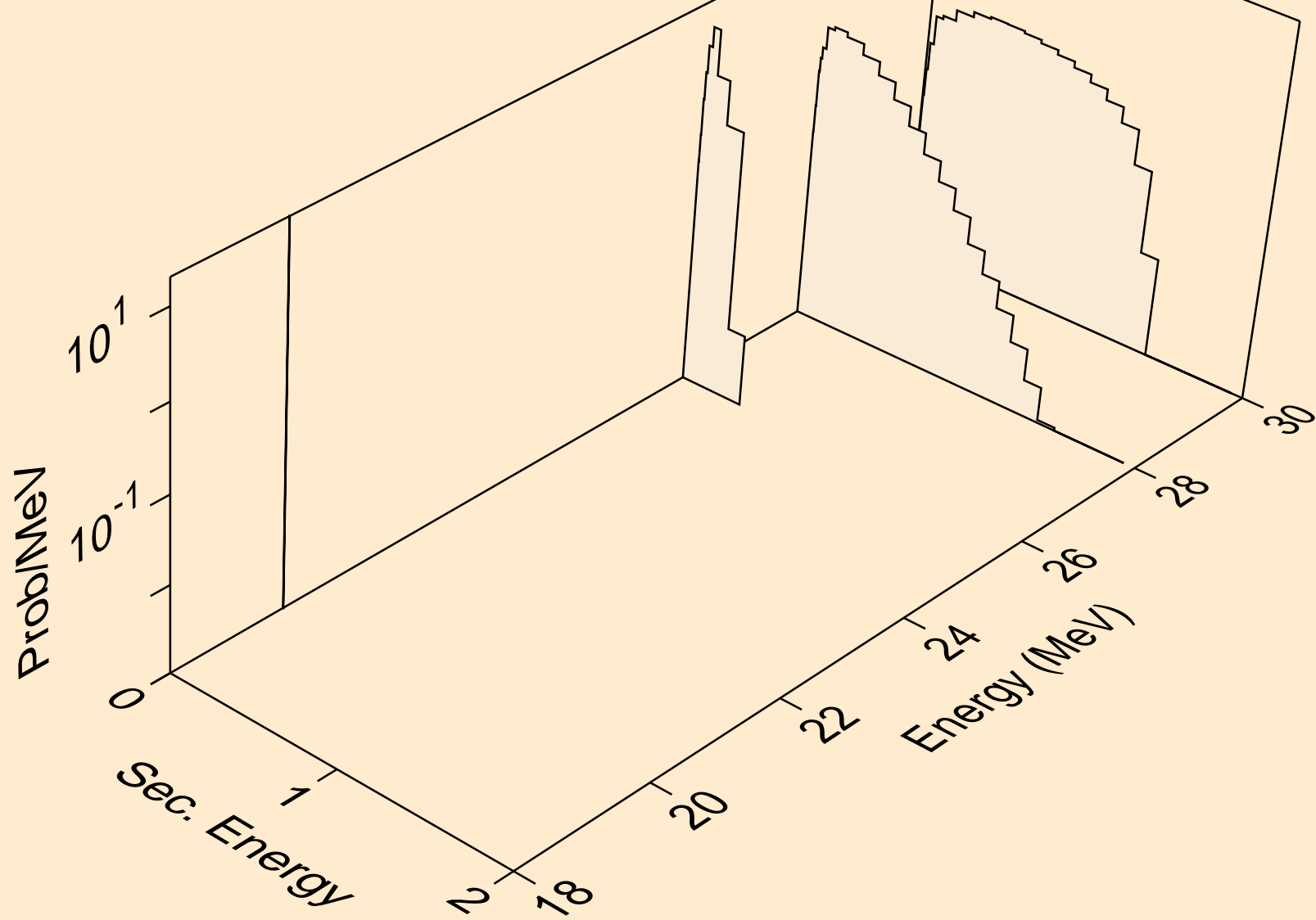
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



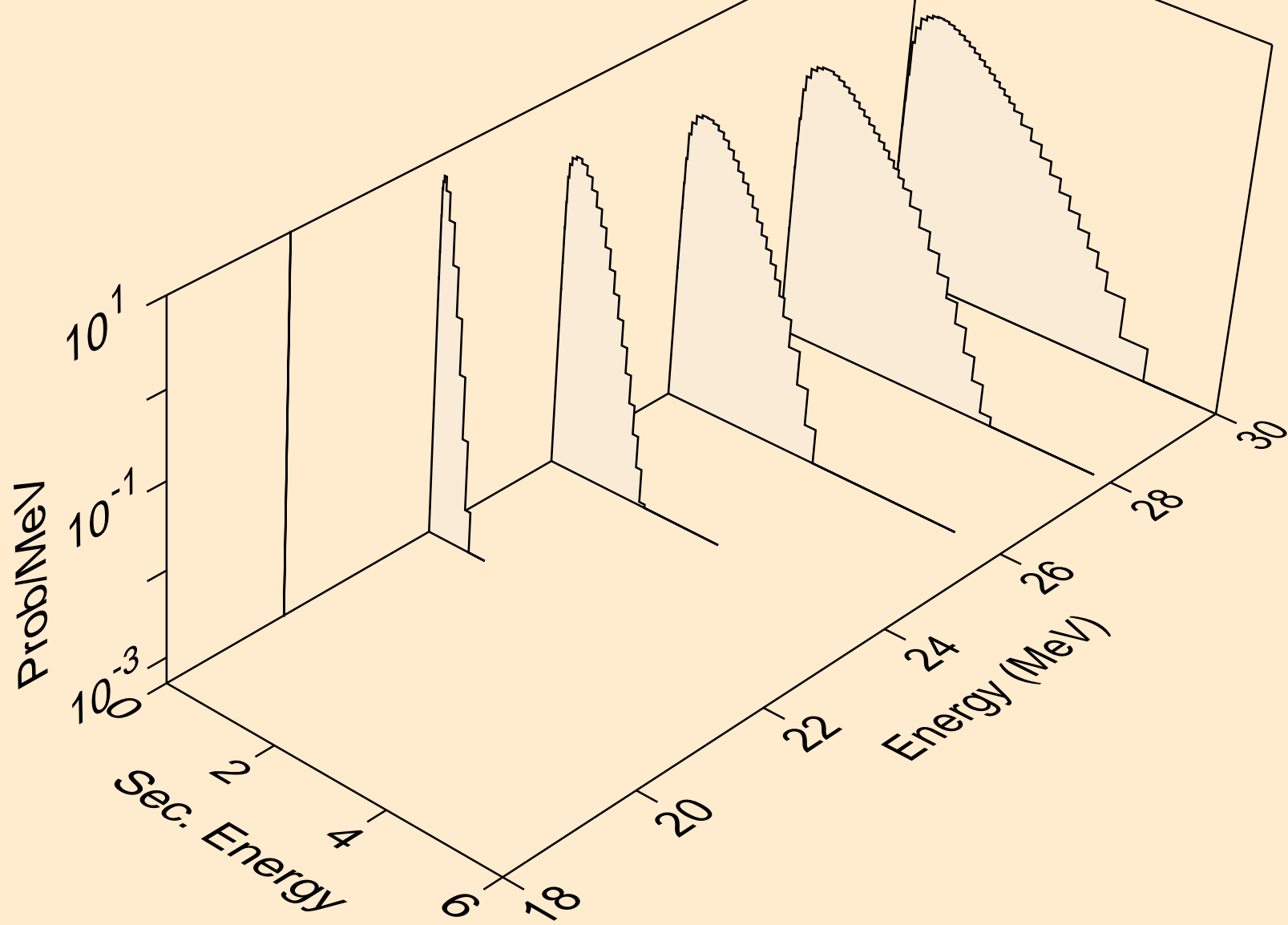
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



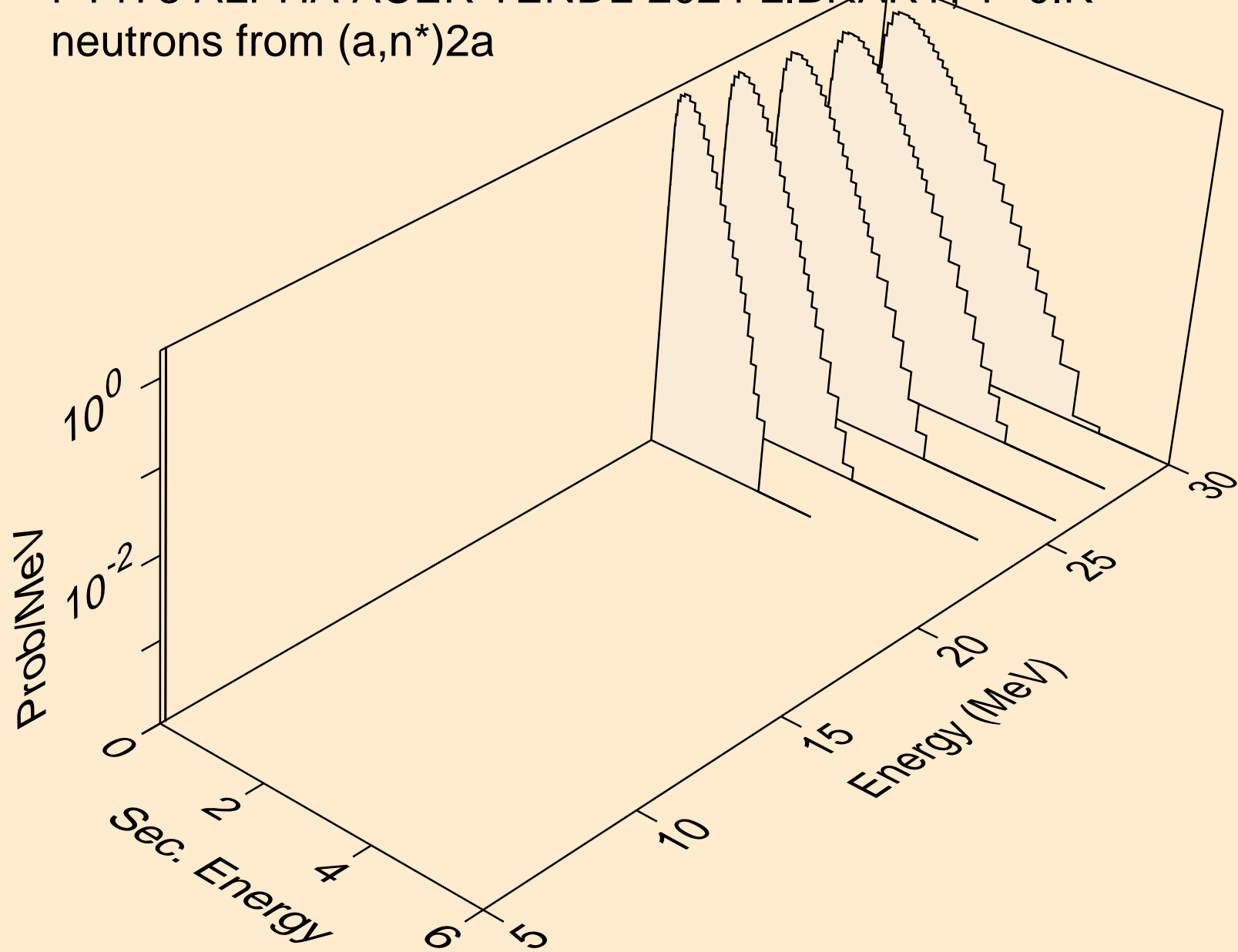
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



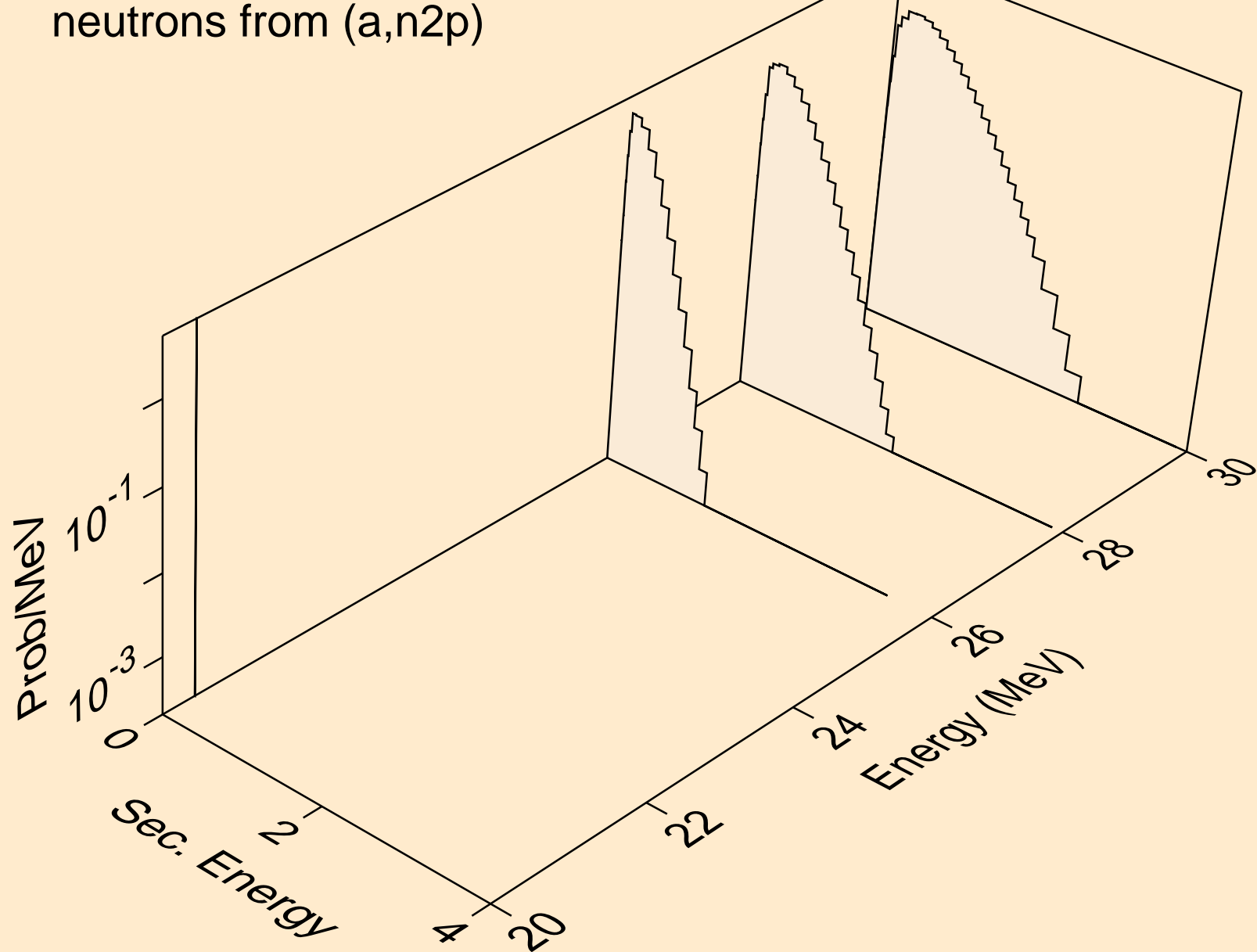
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



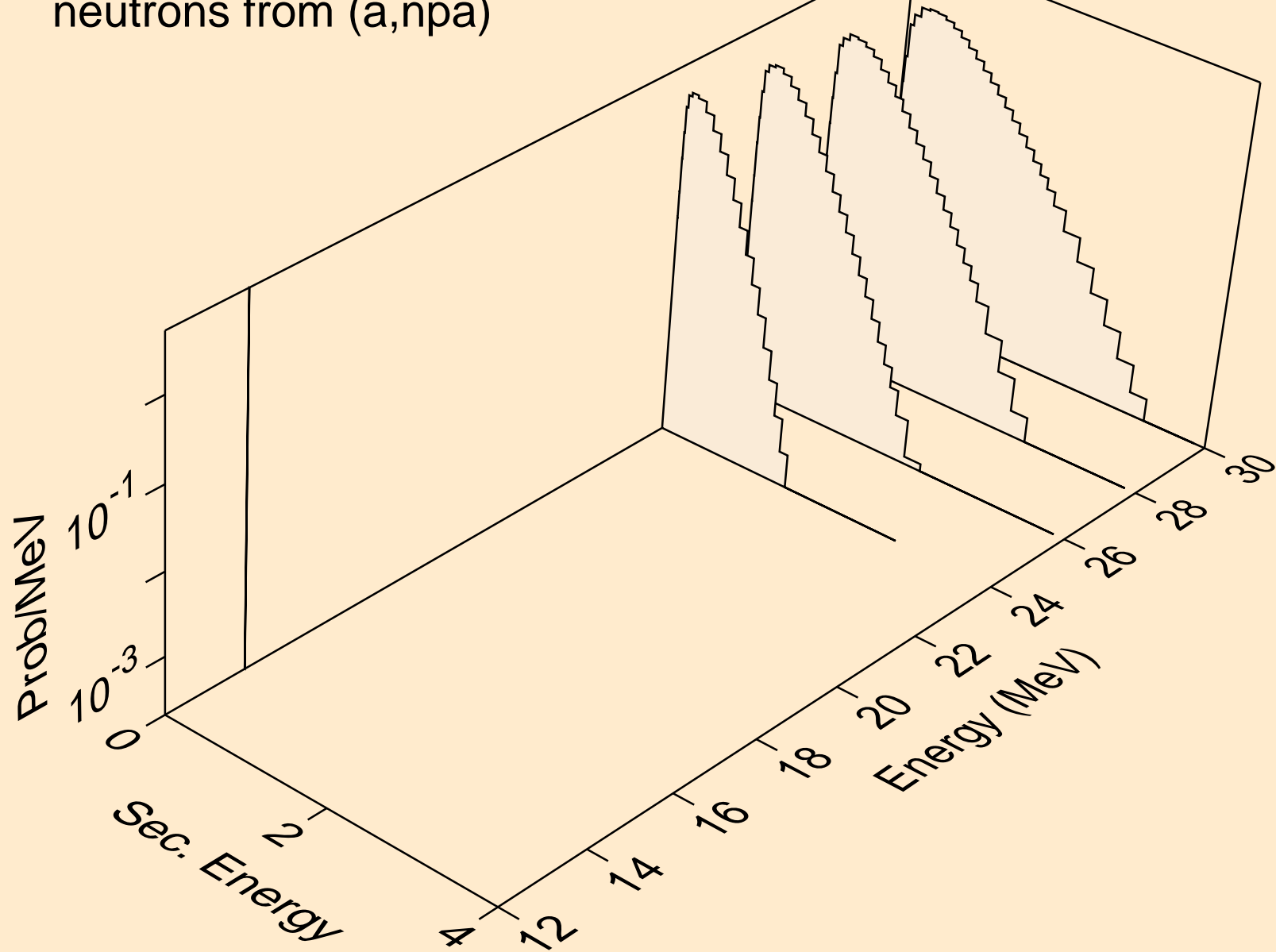
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n2p)



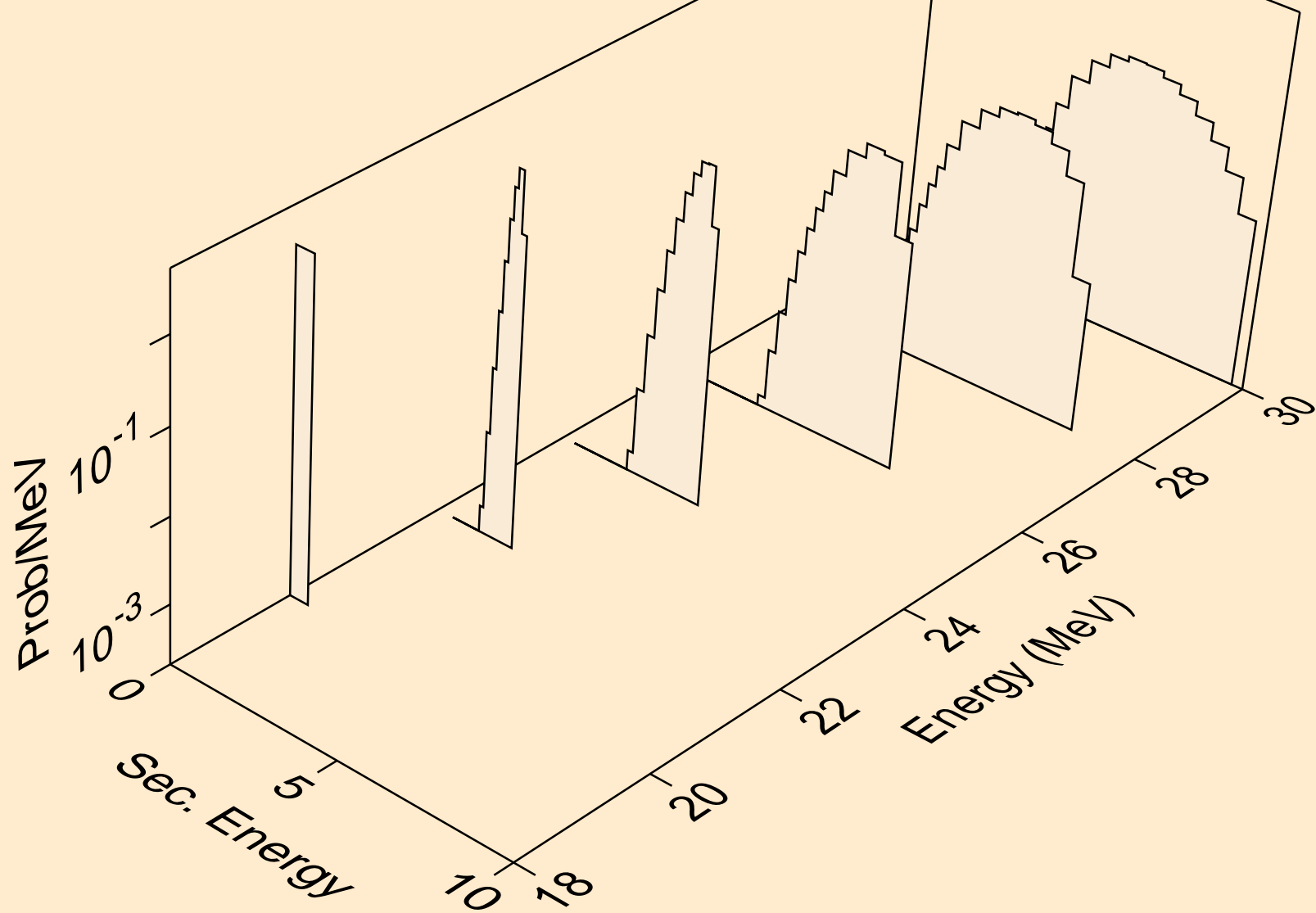
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neutrons from (a,npa)



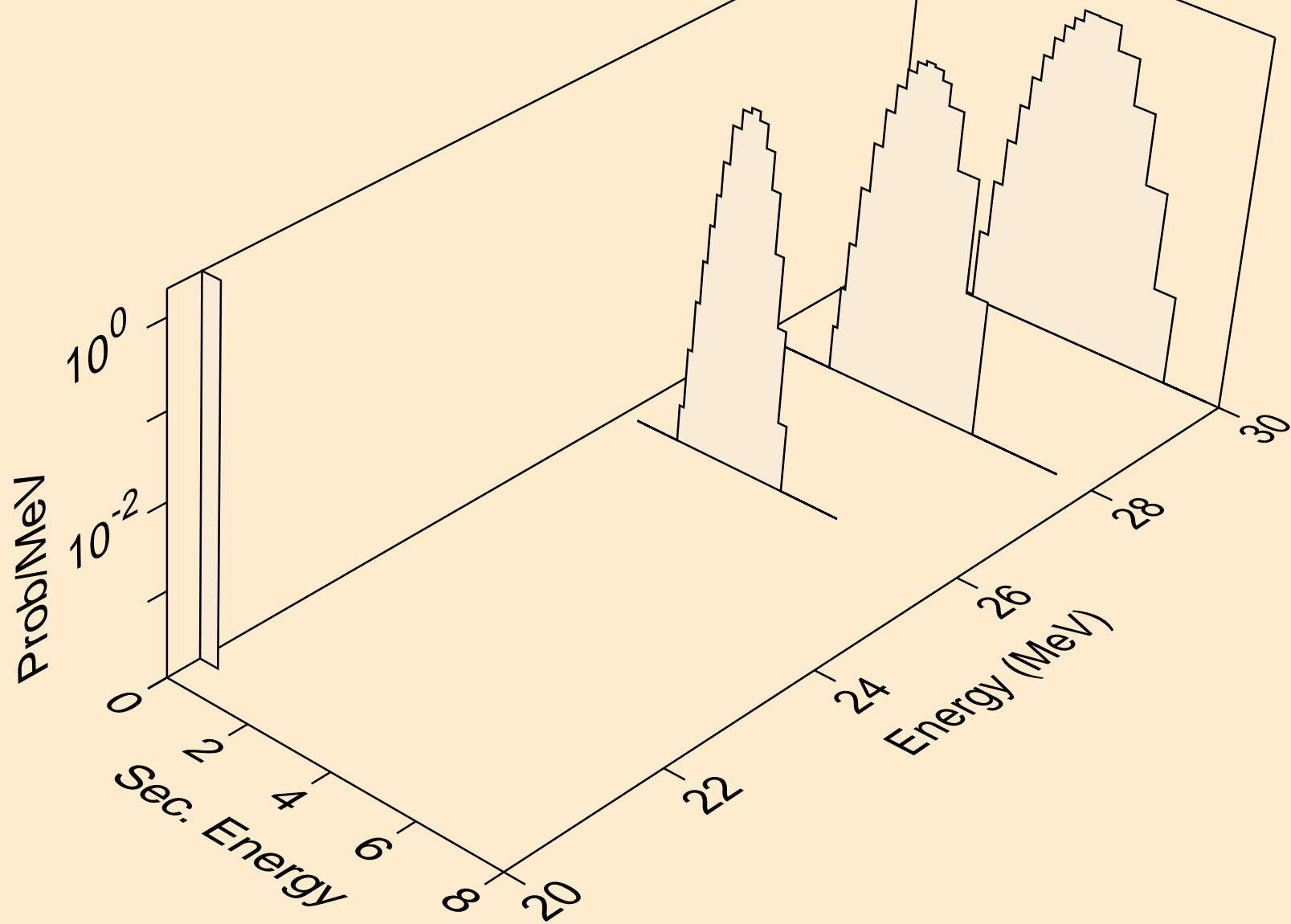
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



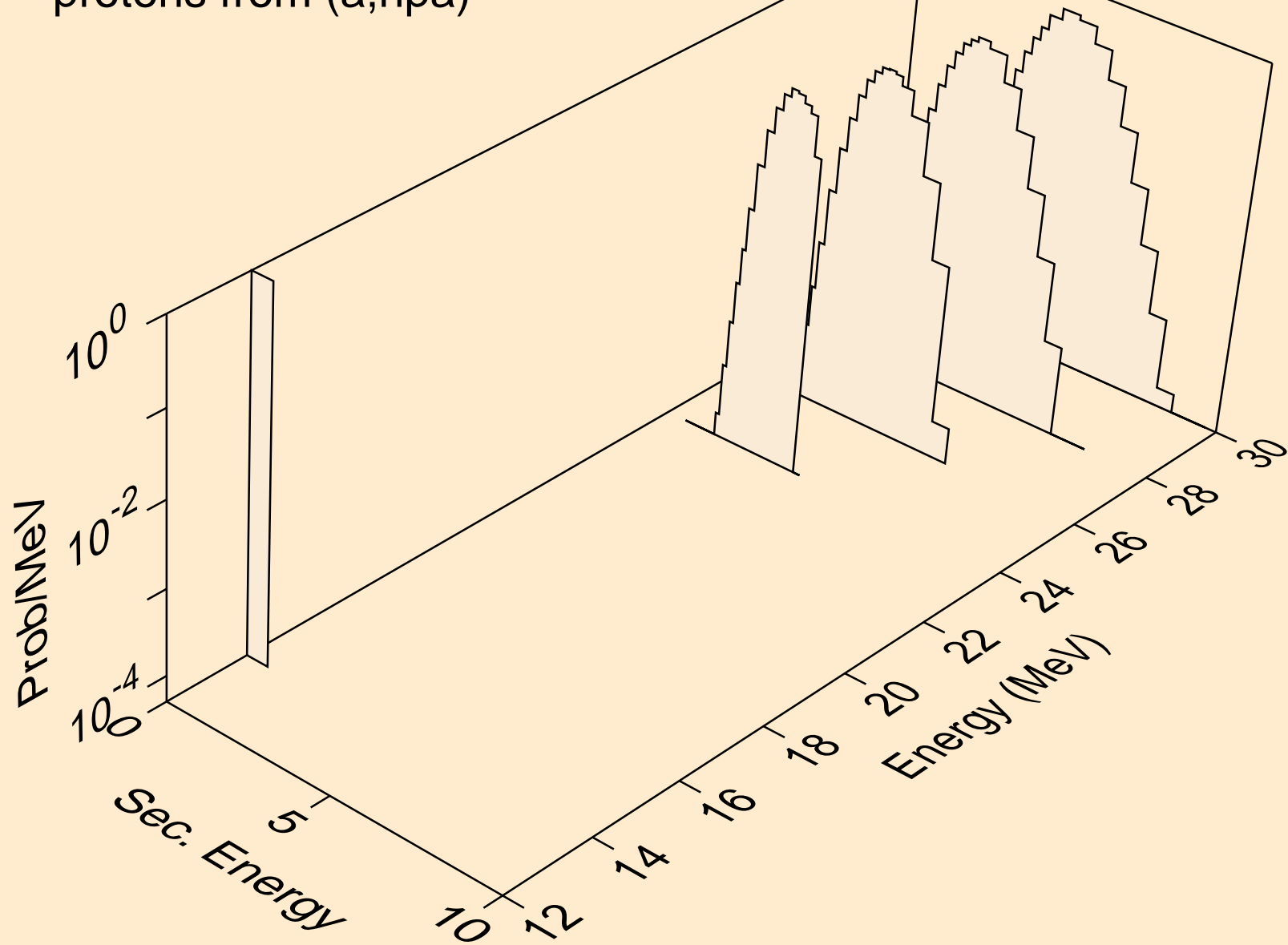
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protons from (a,n\*)p



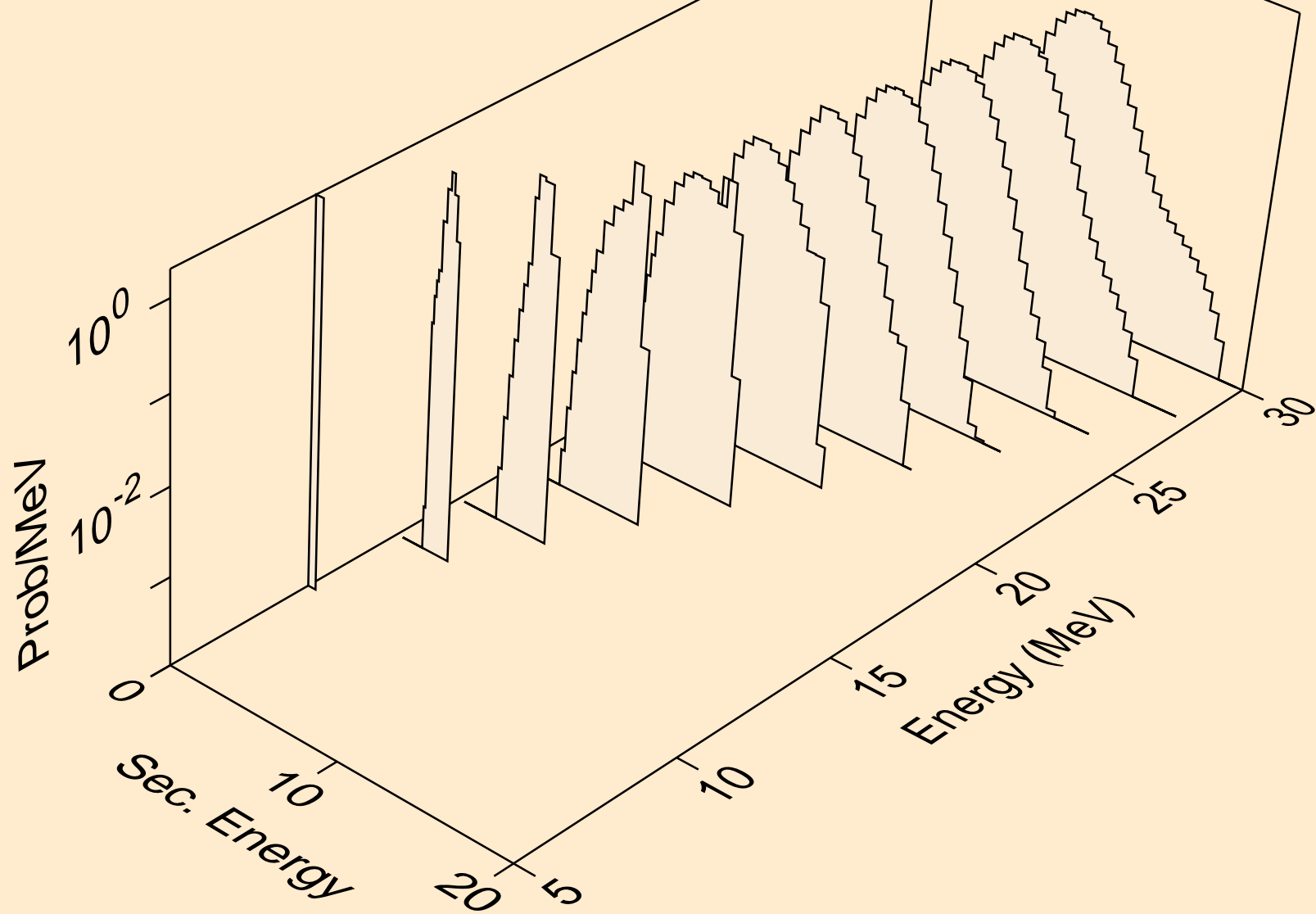
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protons from (a,n2p)



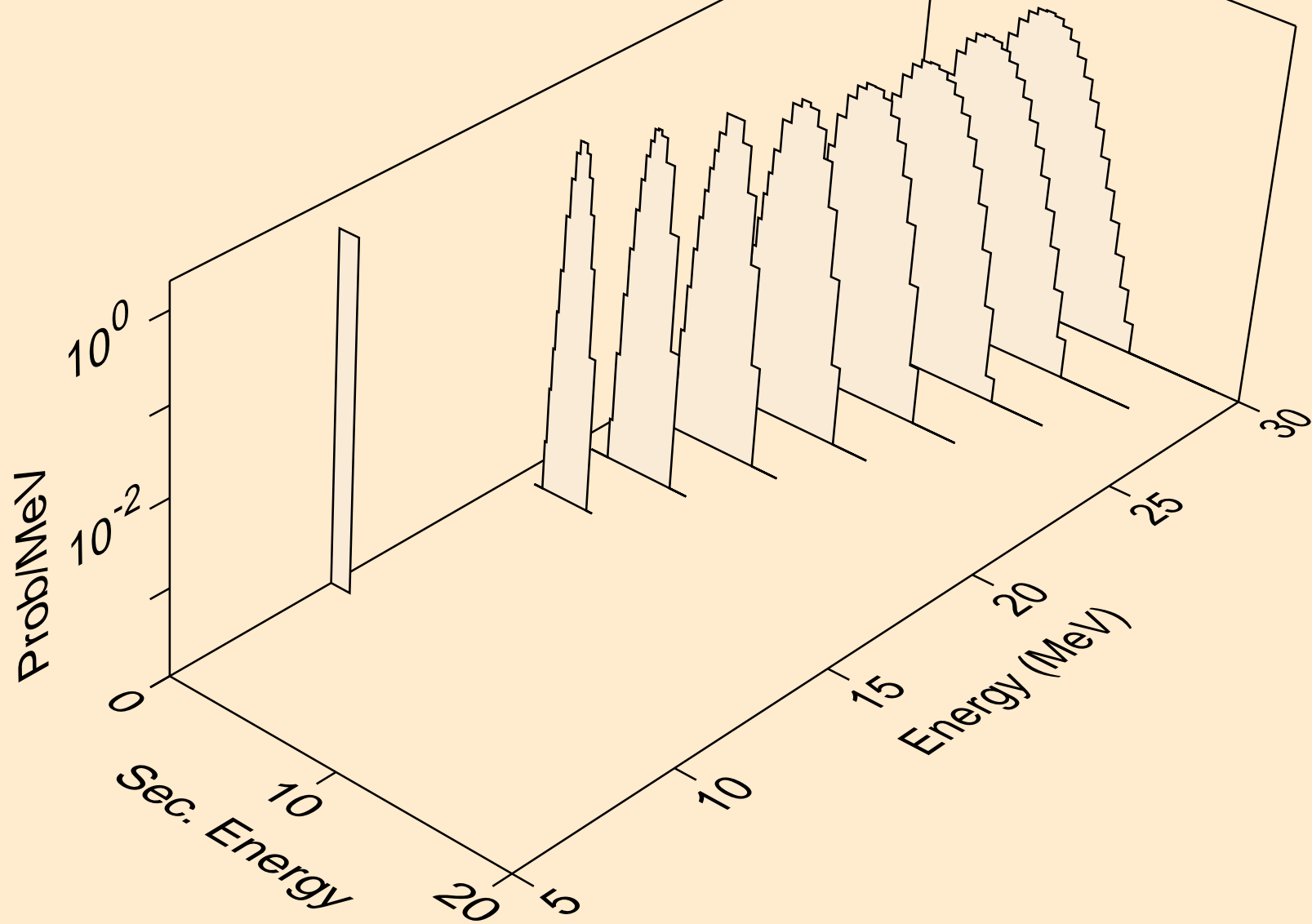
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protons from (a,npa)



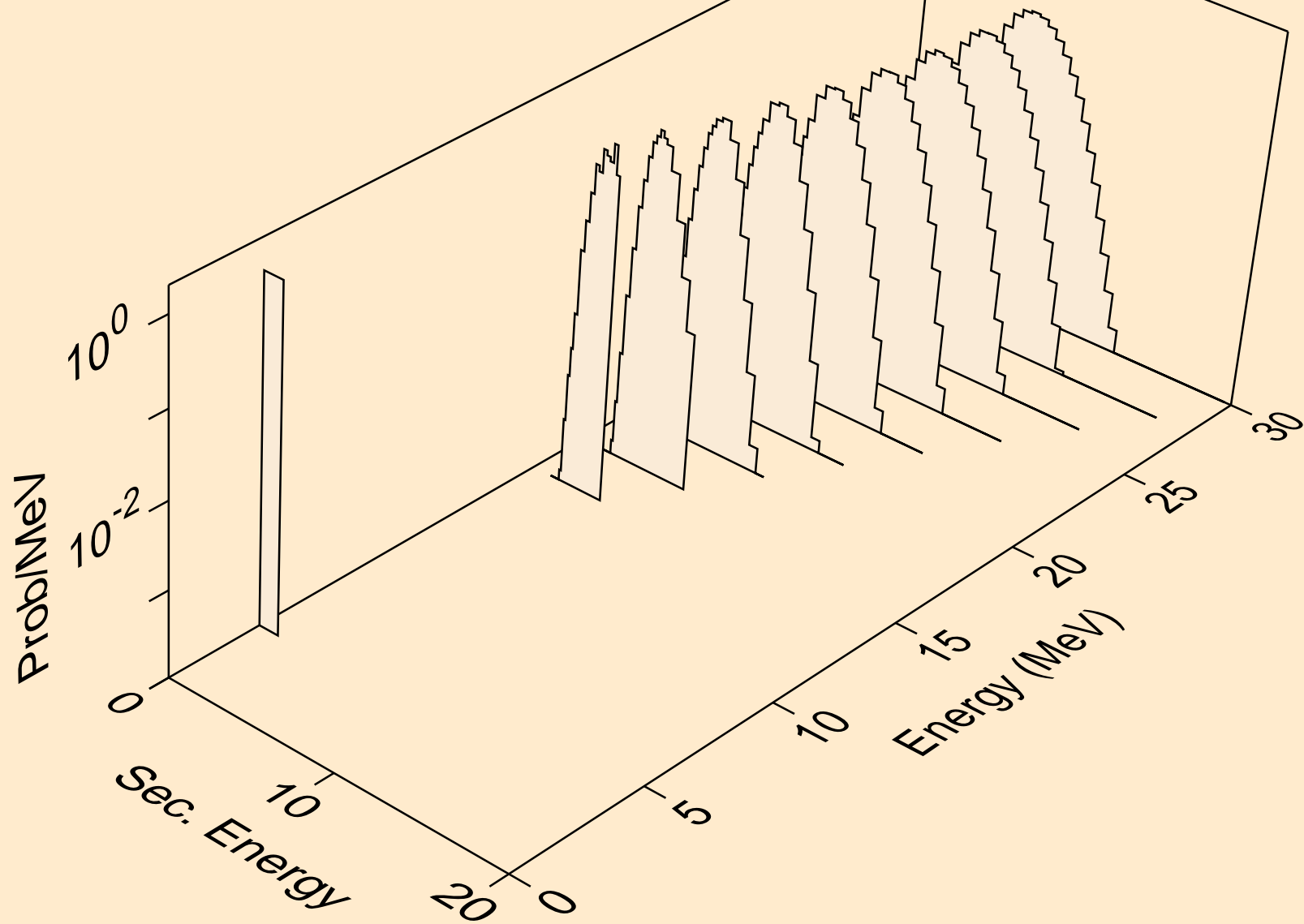
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protons from (a,p)



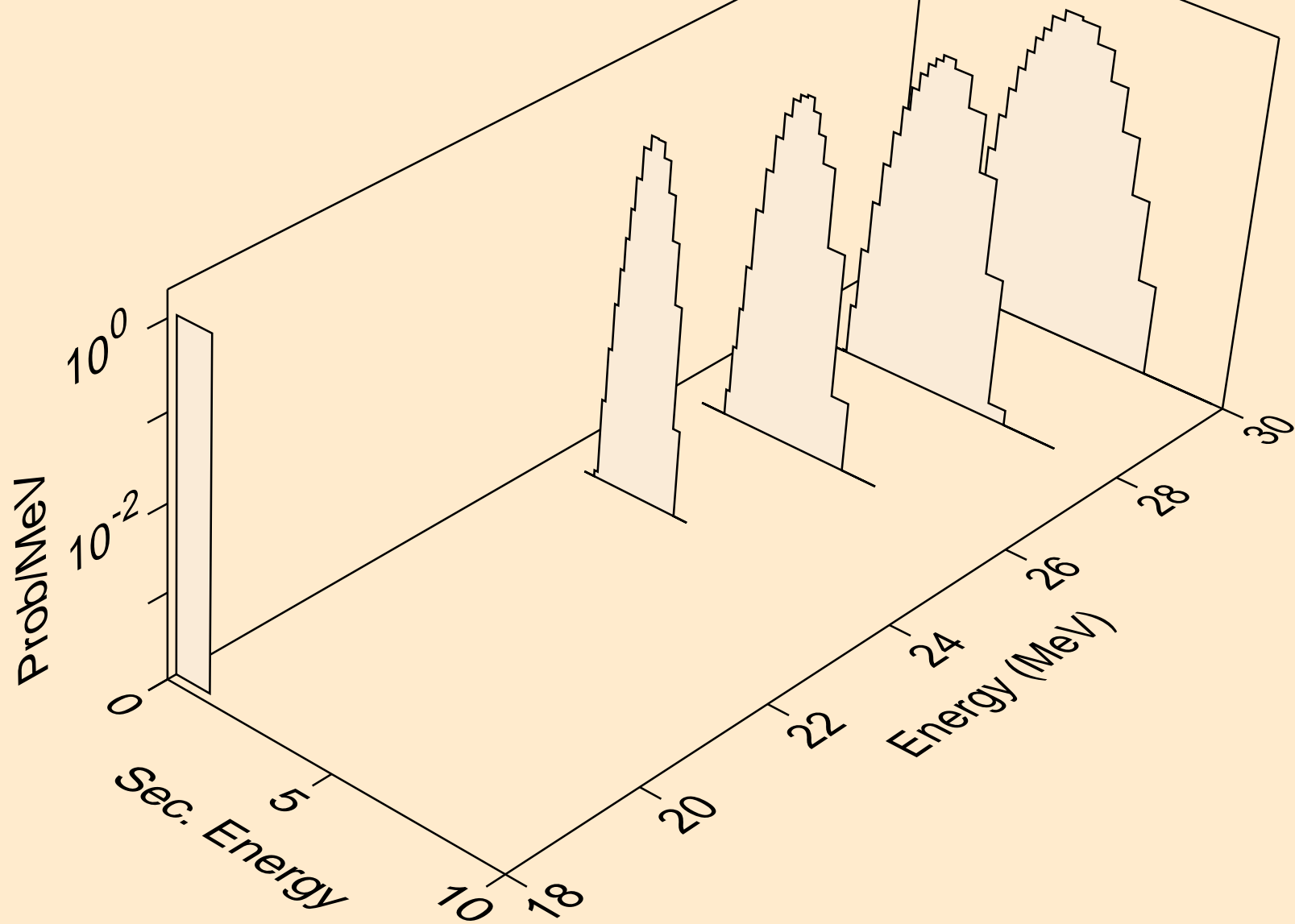
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protons from (a,2p)



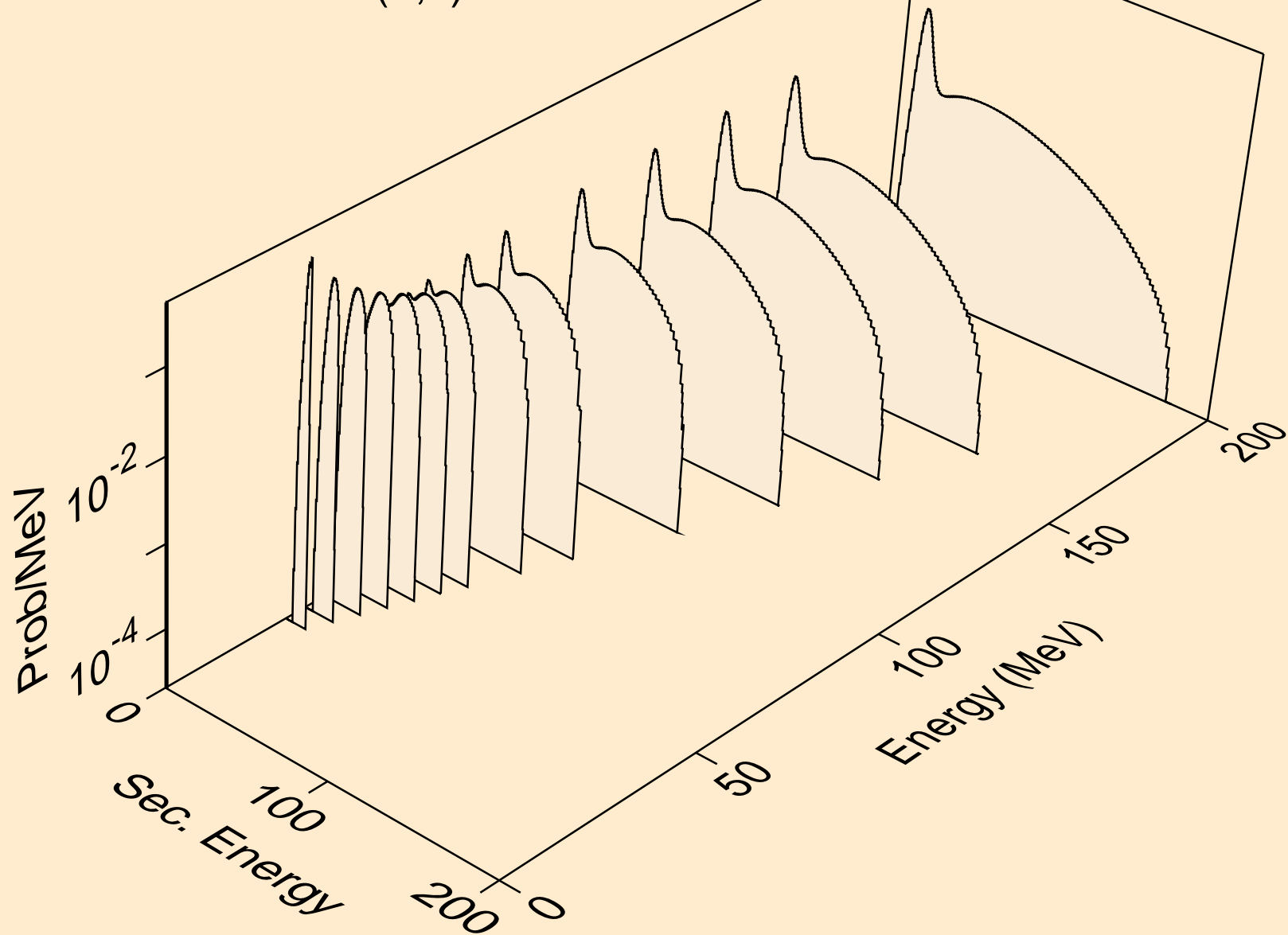
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



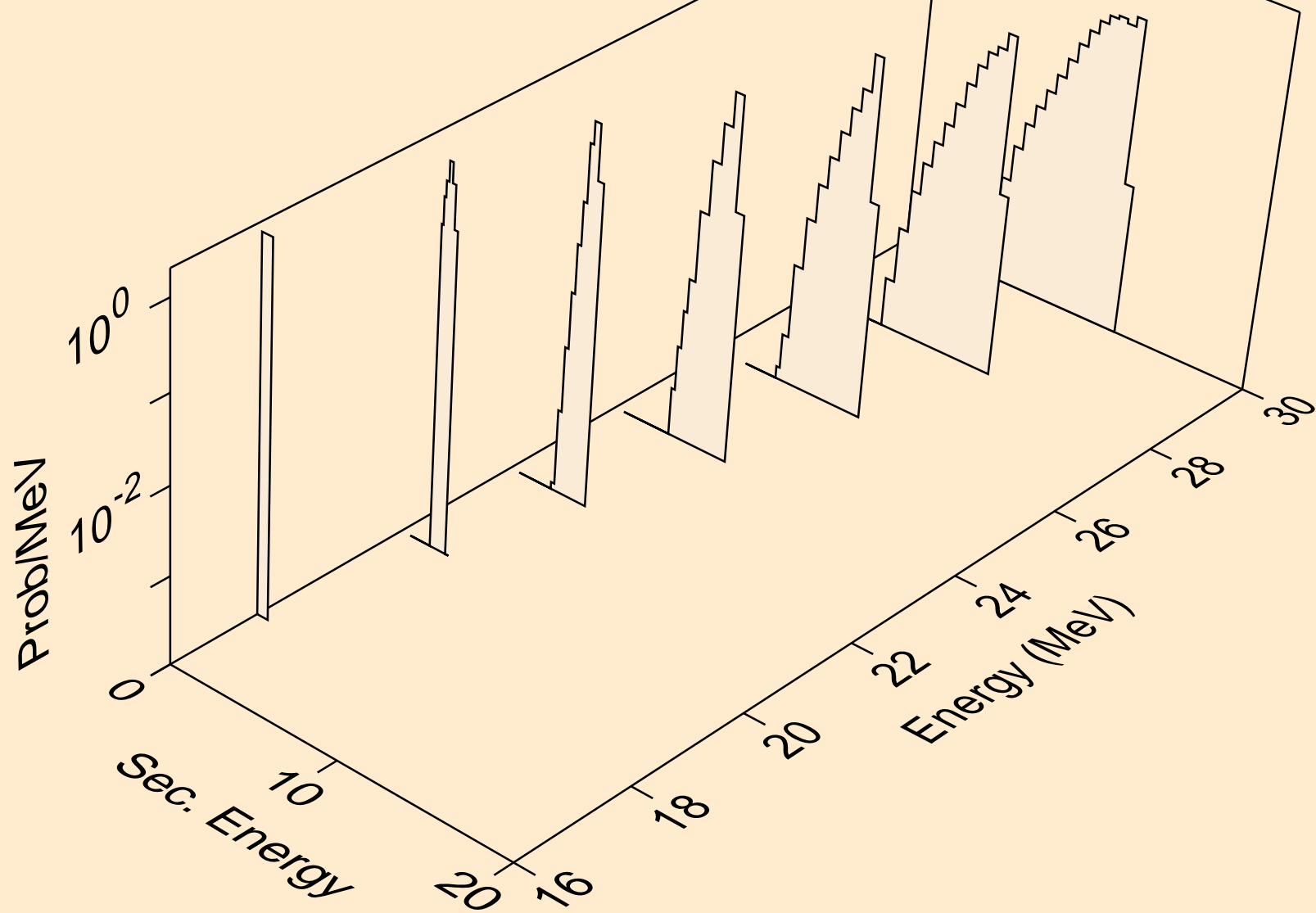
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pd)



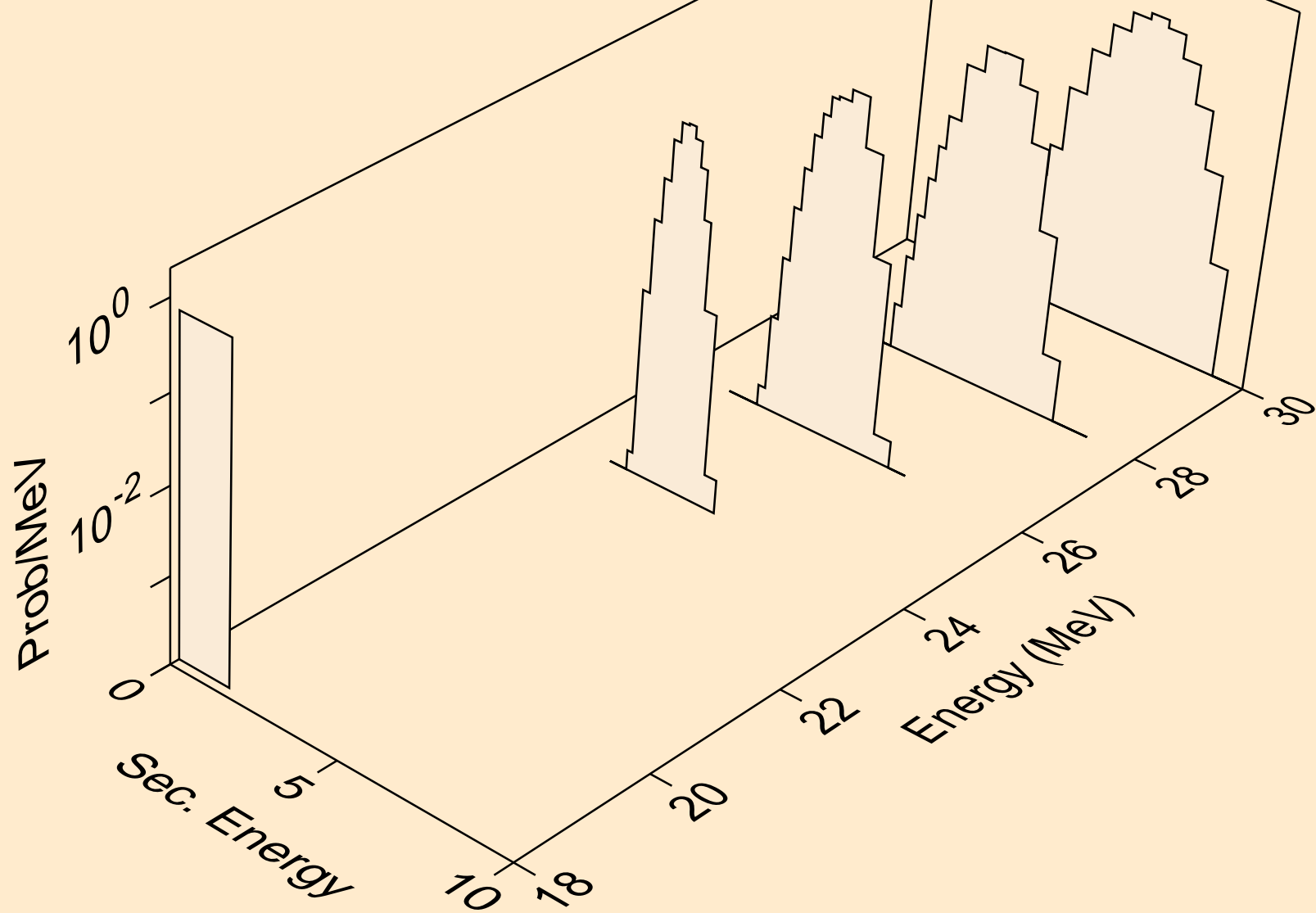
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



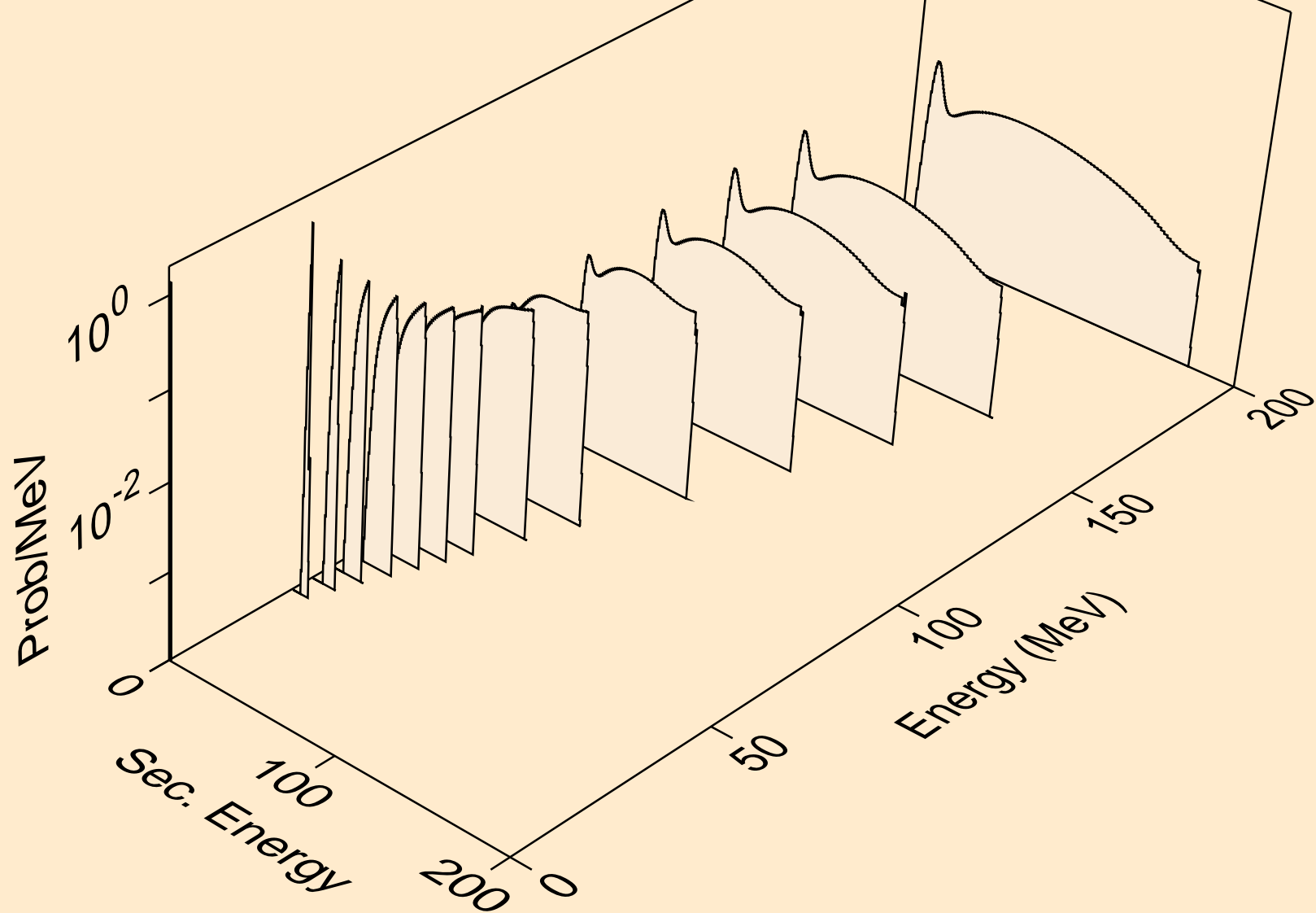
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



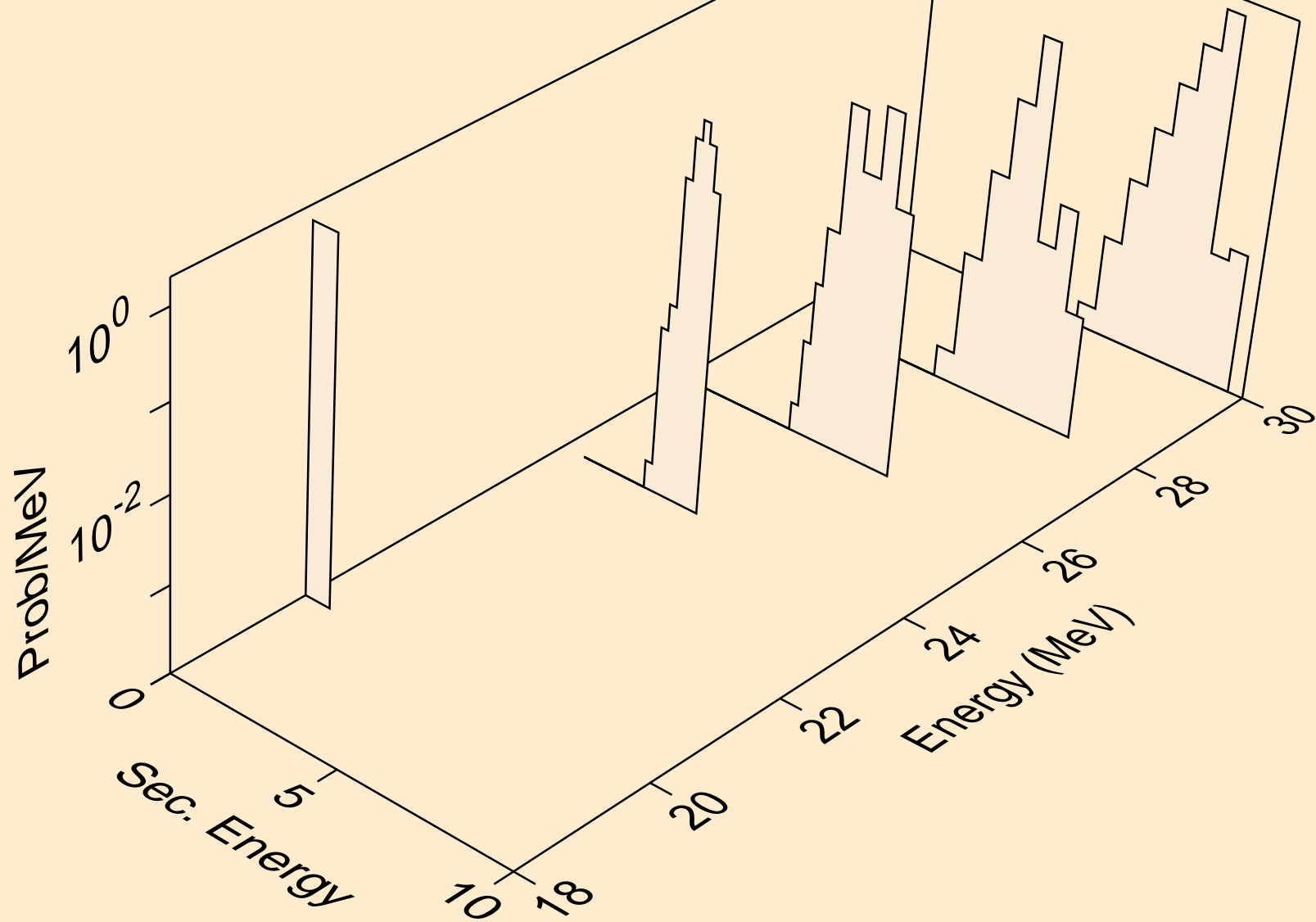
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,pd)



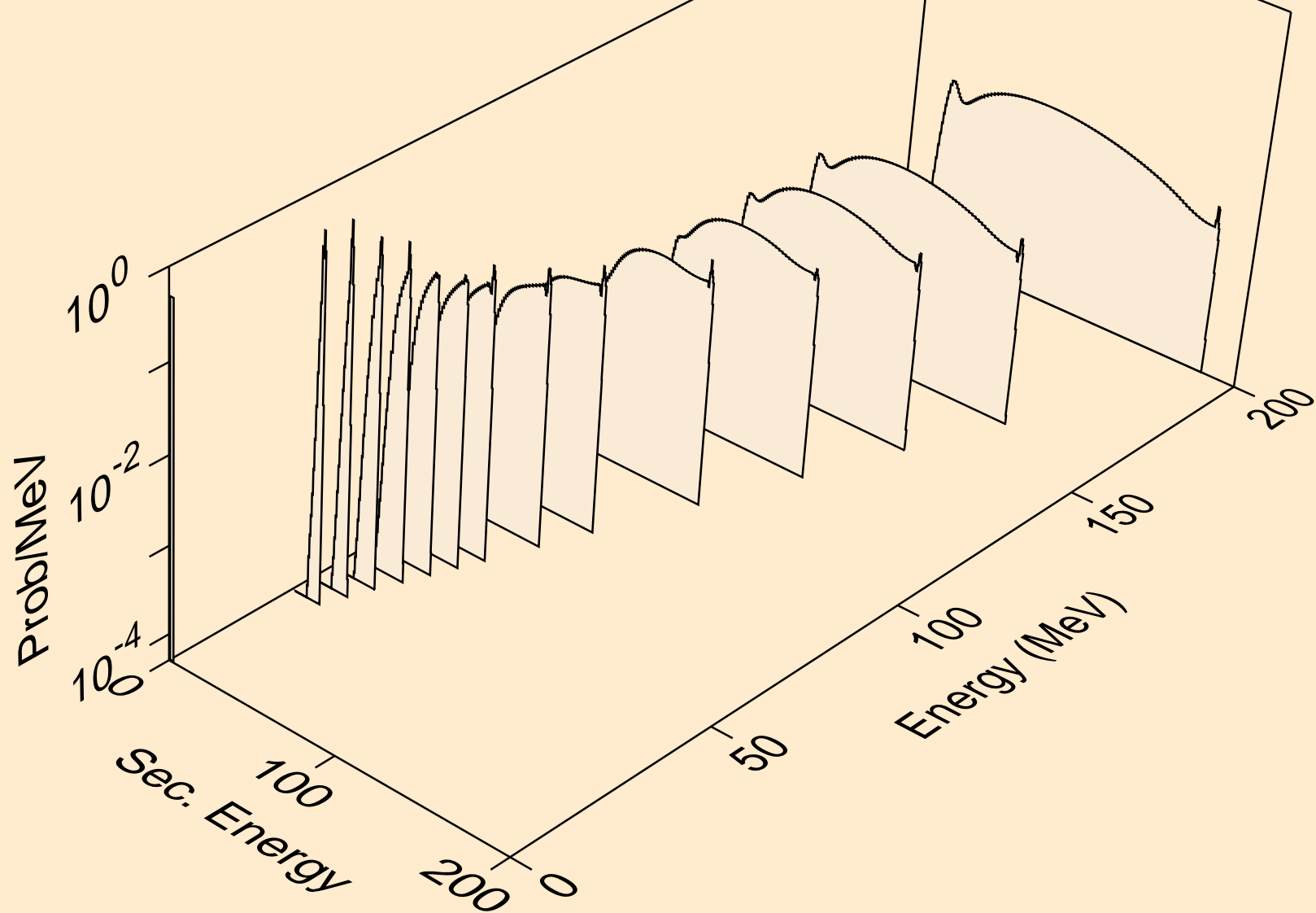
PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



PT178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

