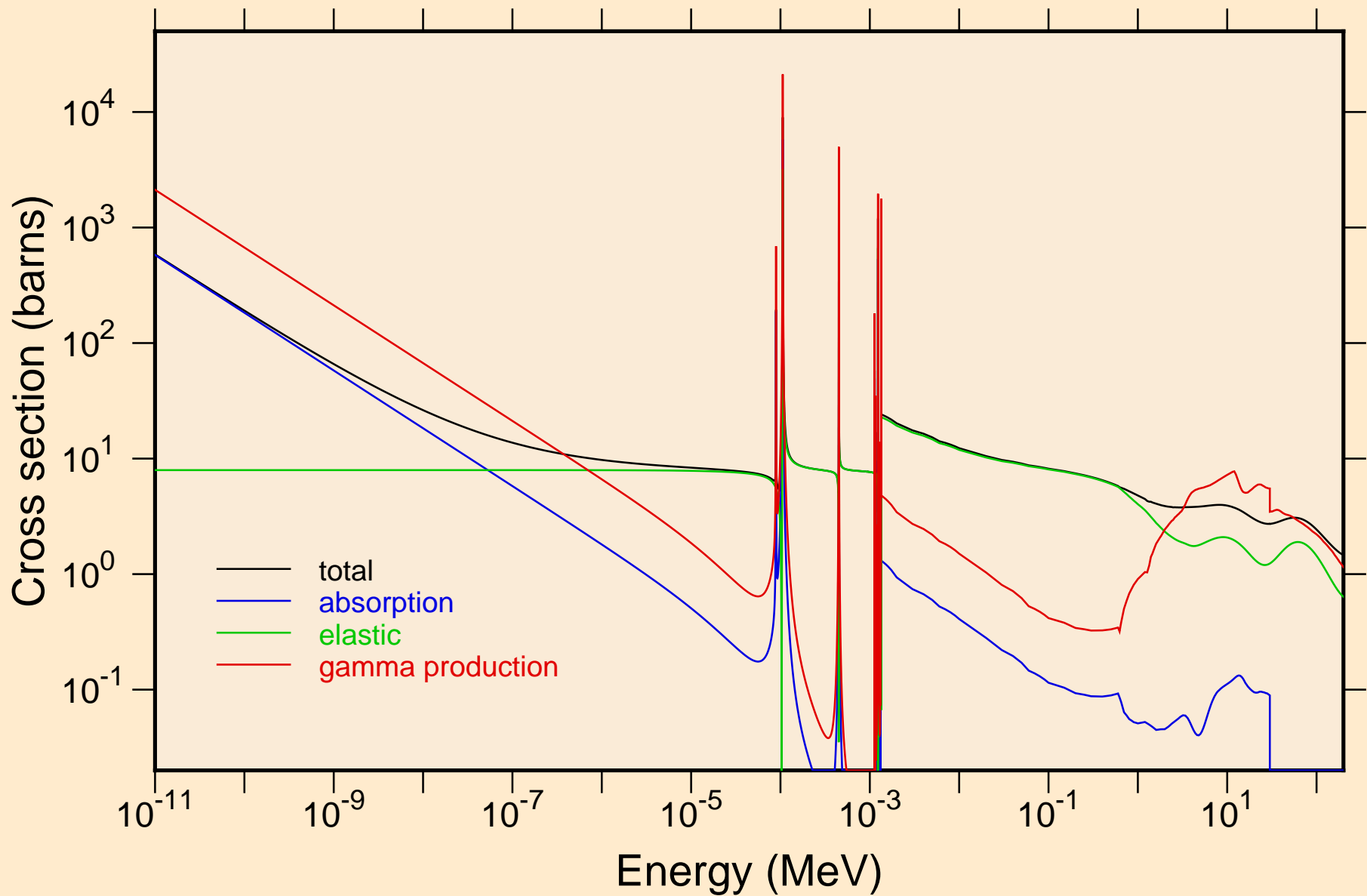
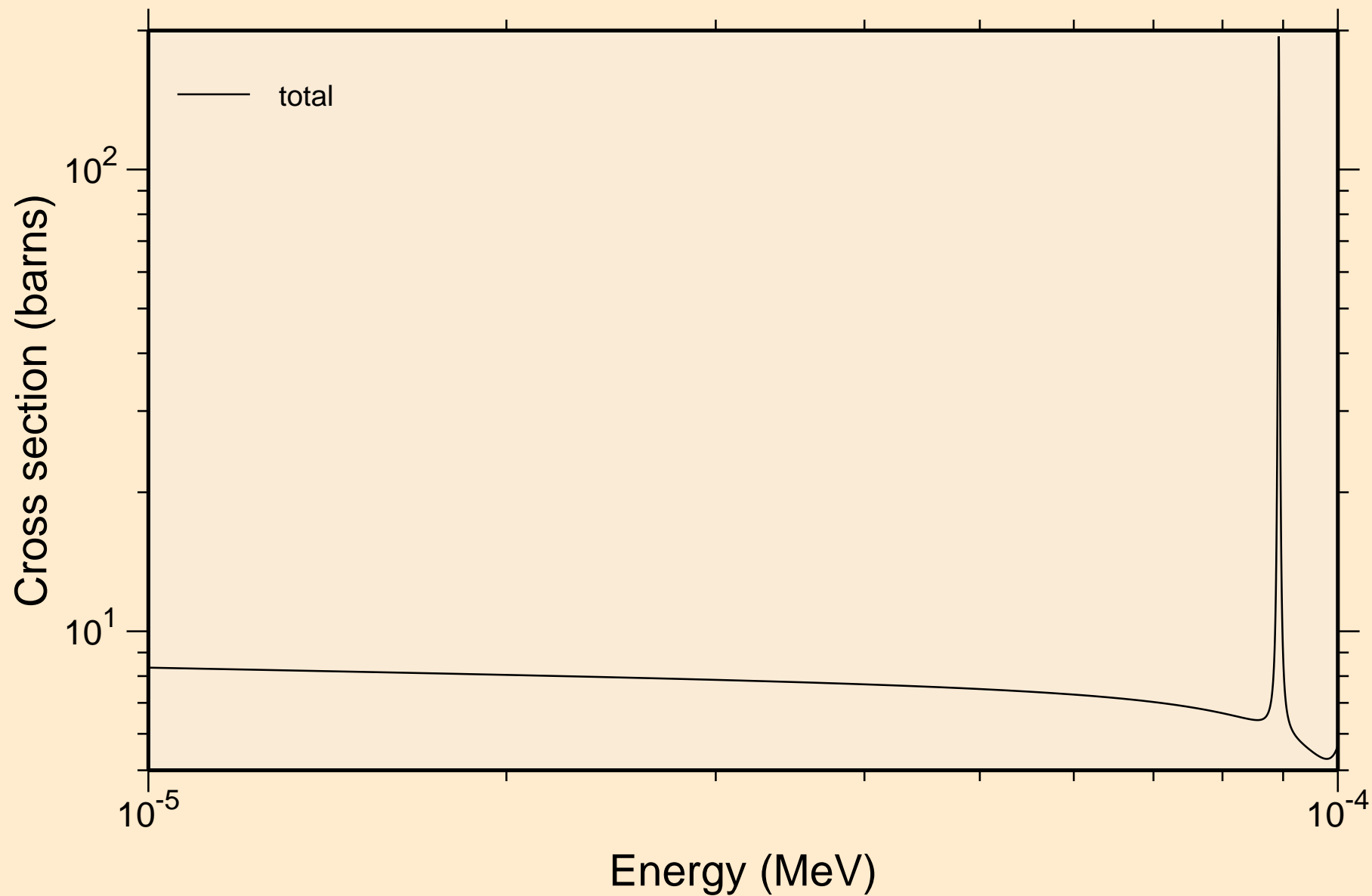


# KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

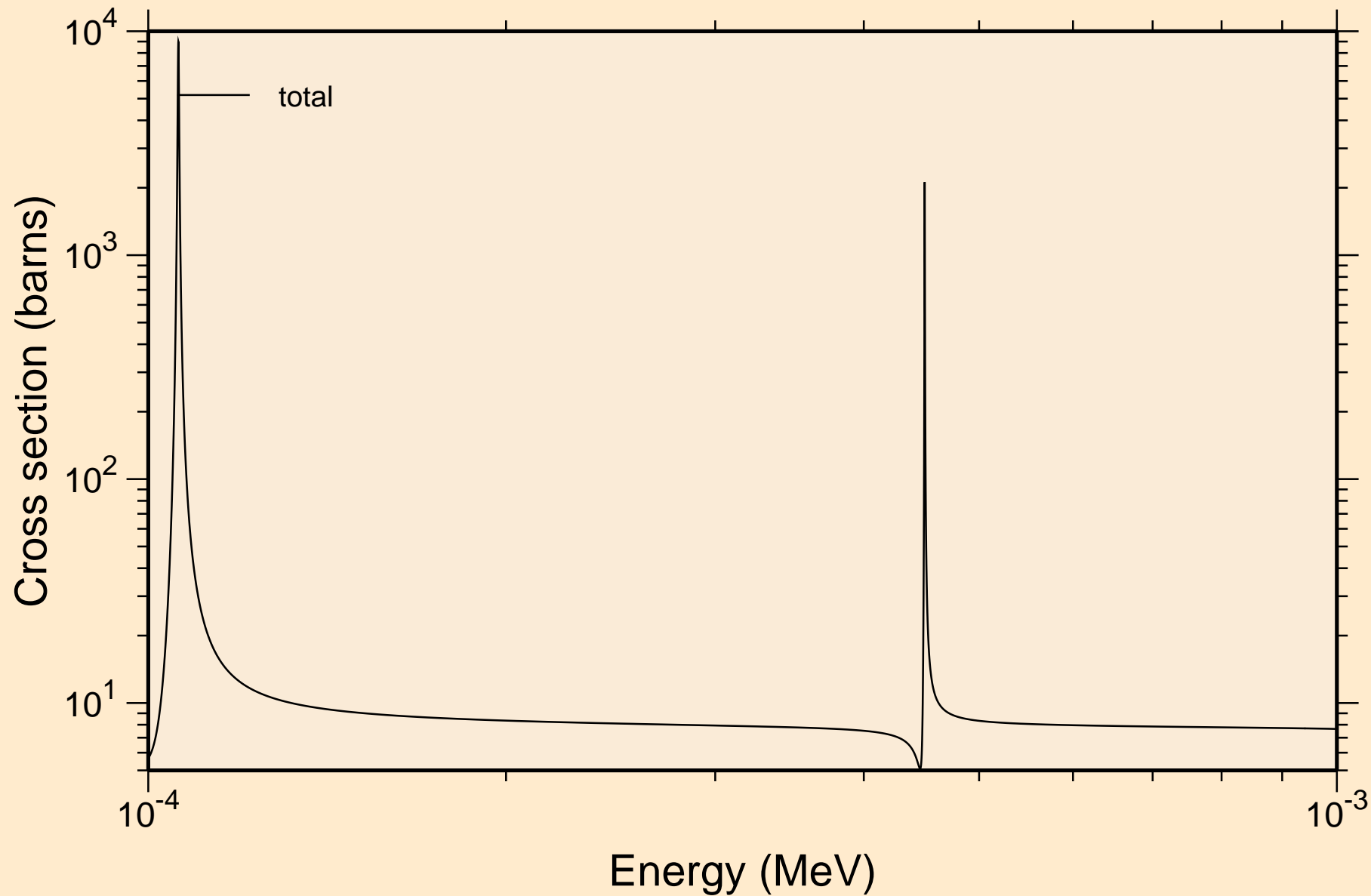
## Principal cross sections



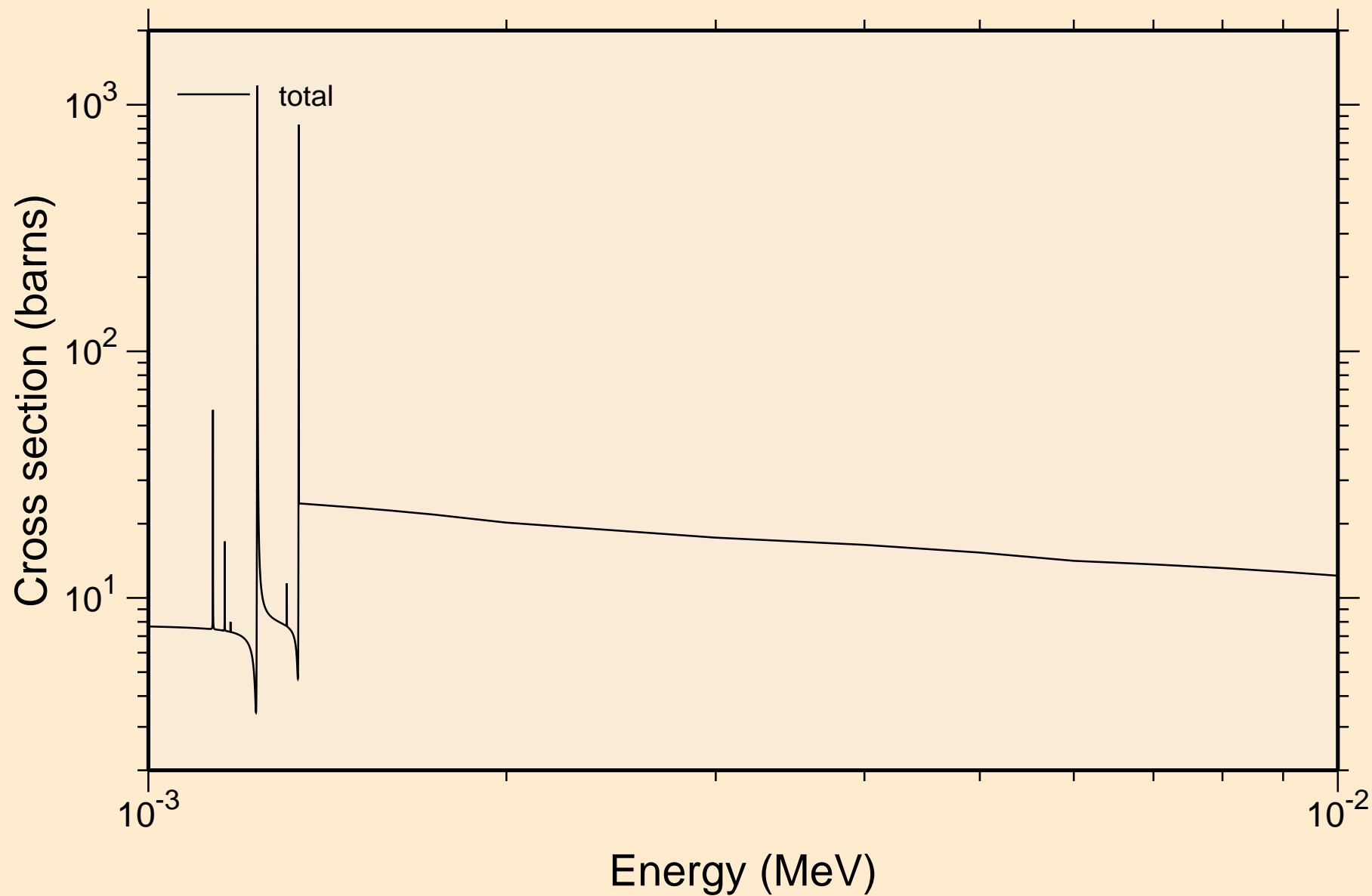
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



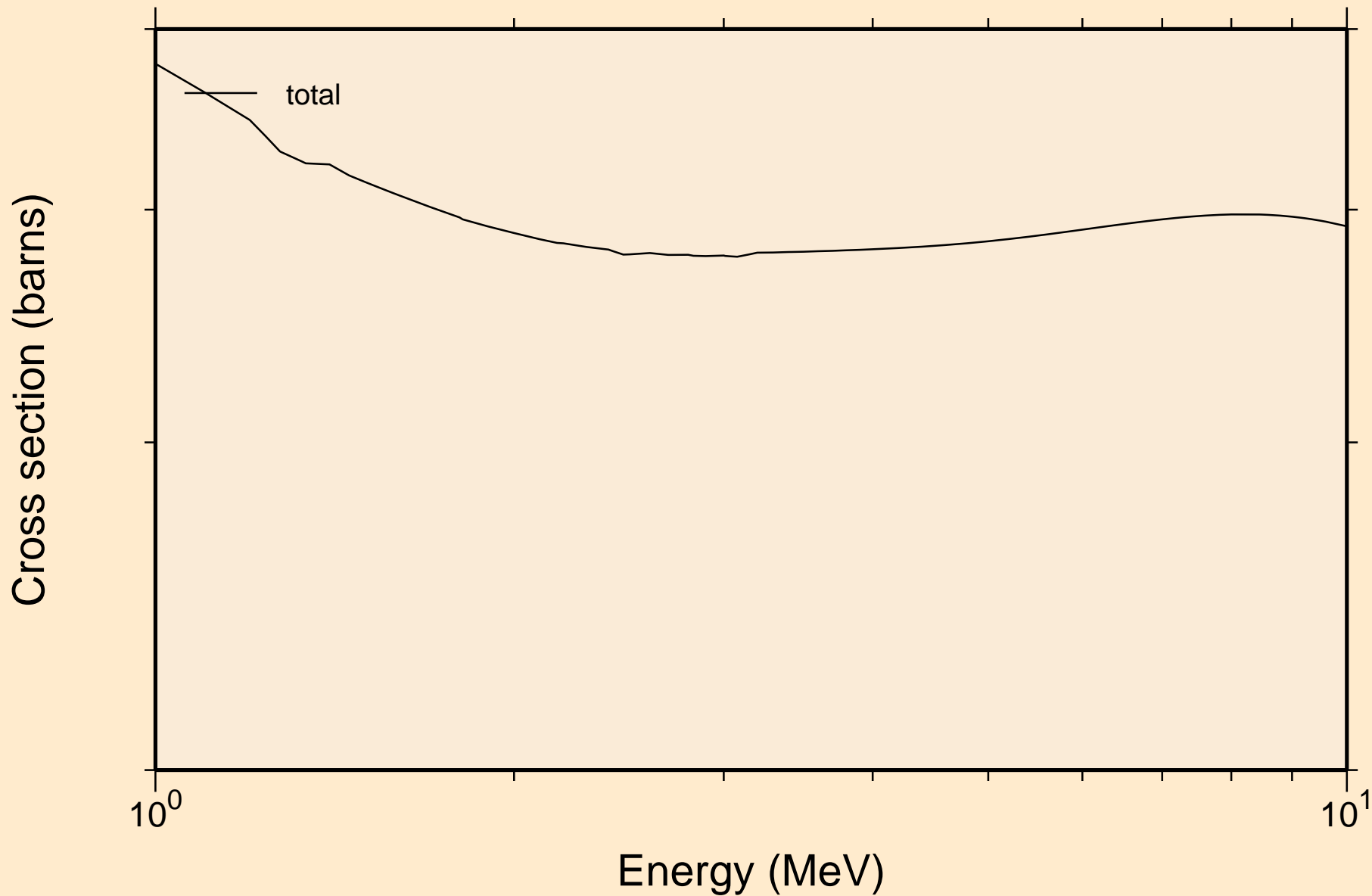
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



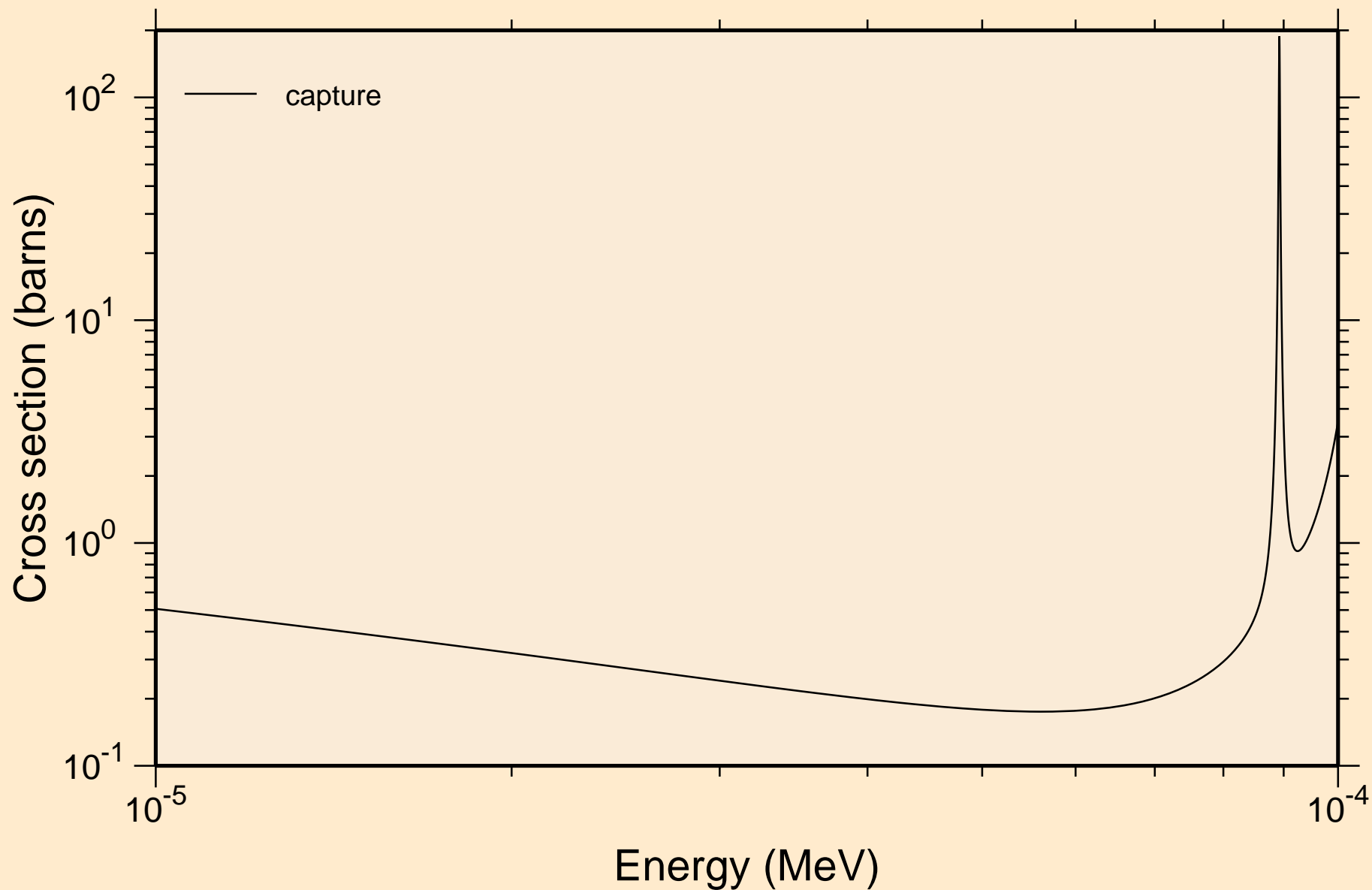
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



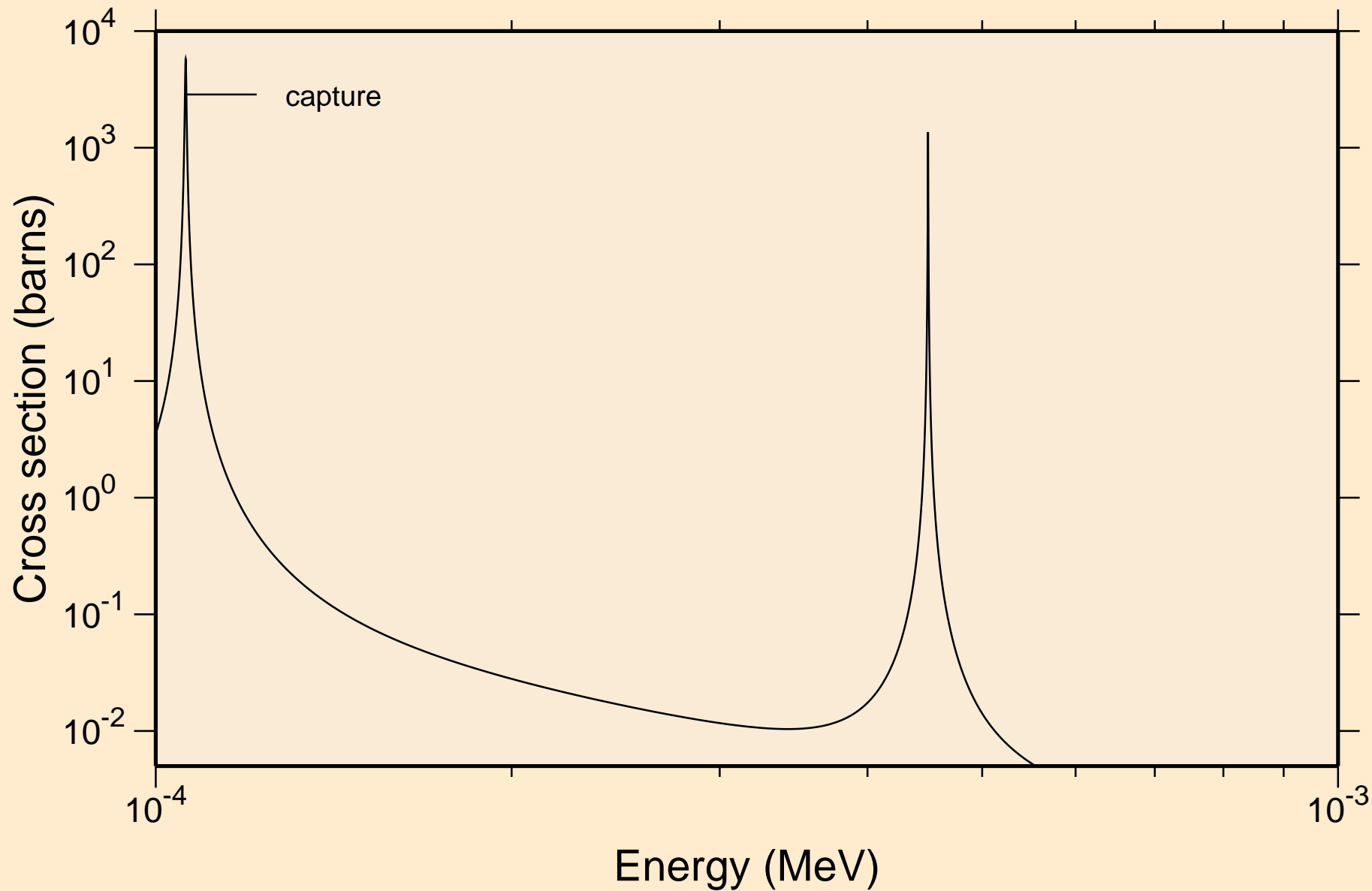
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



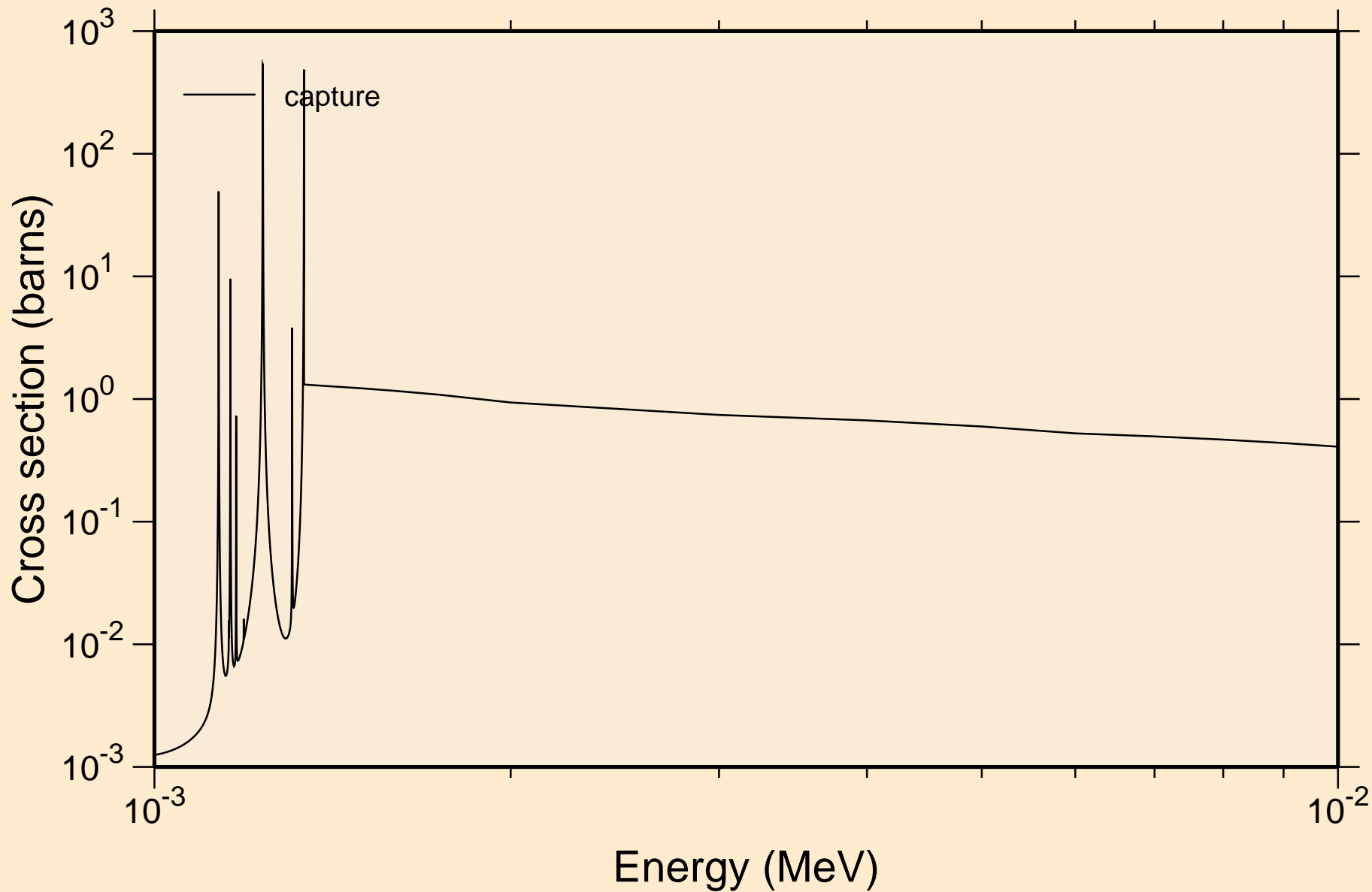
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

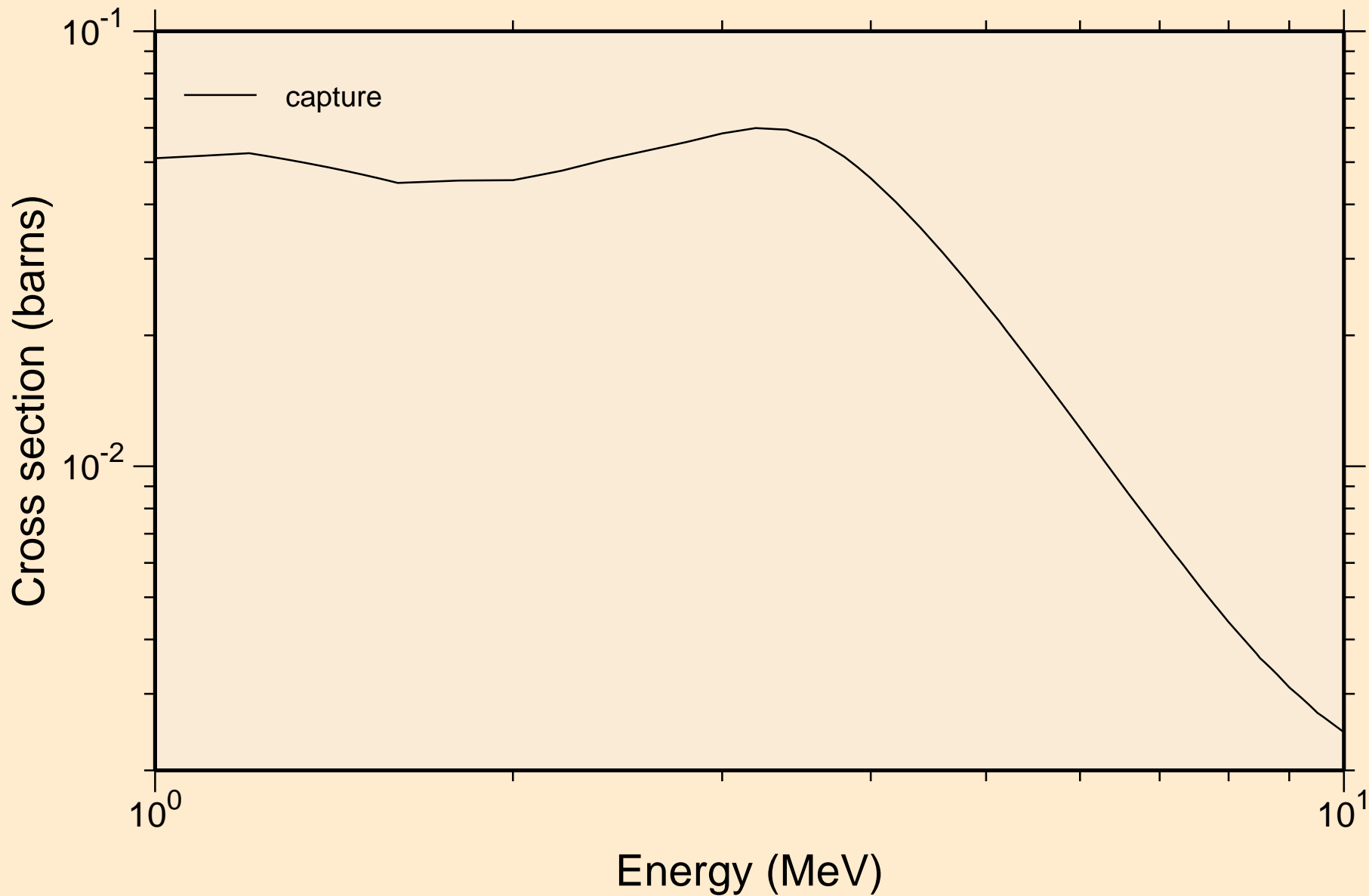


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

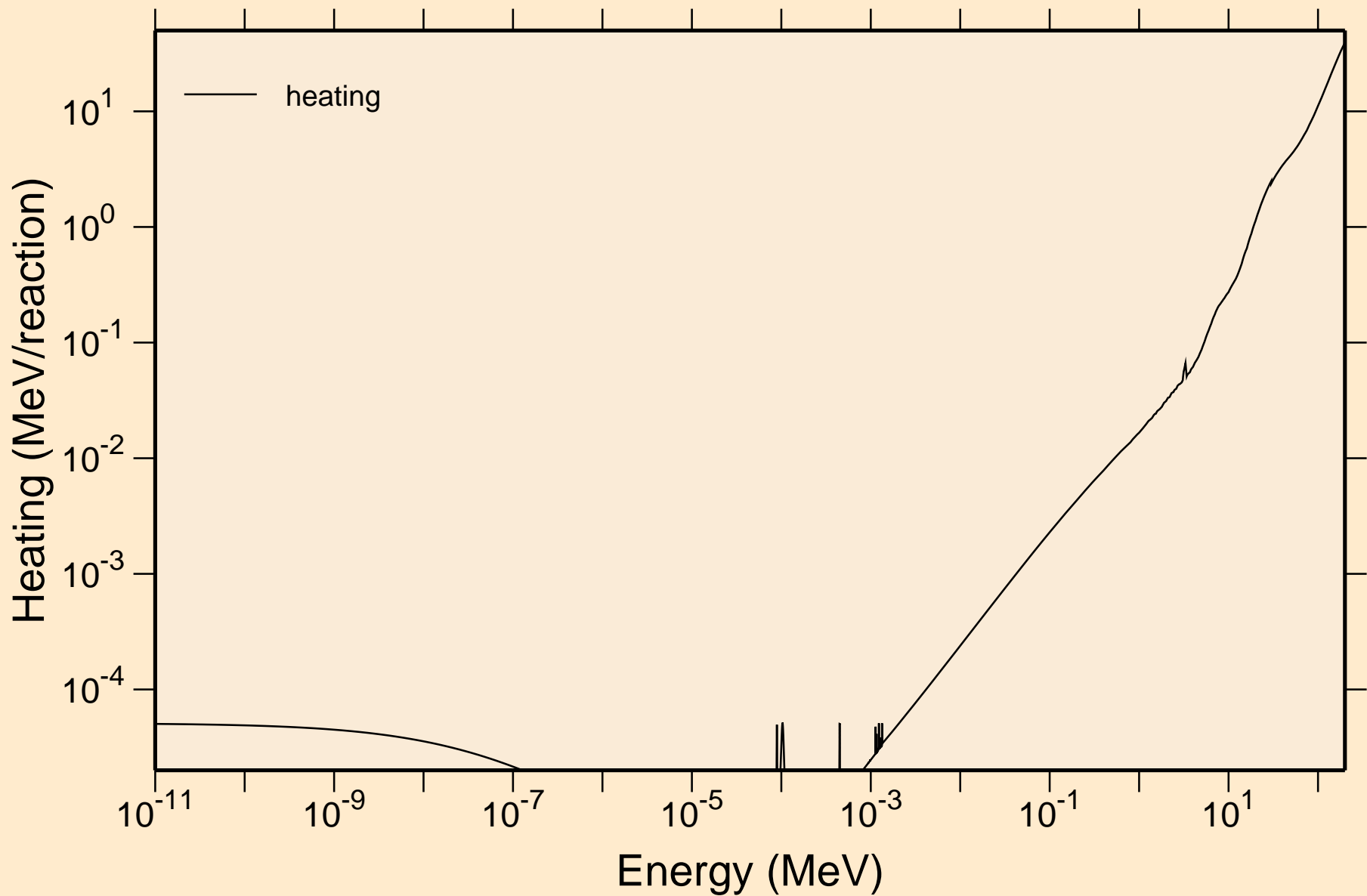




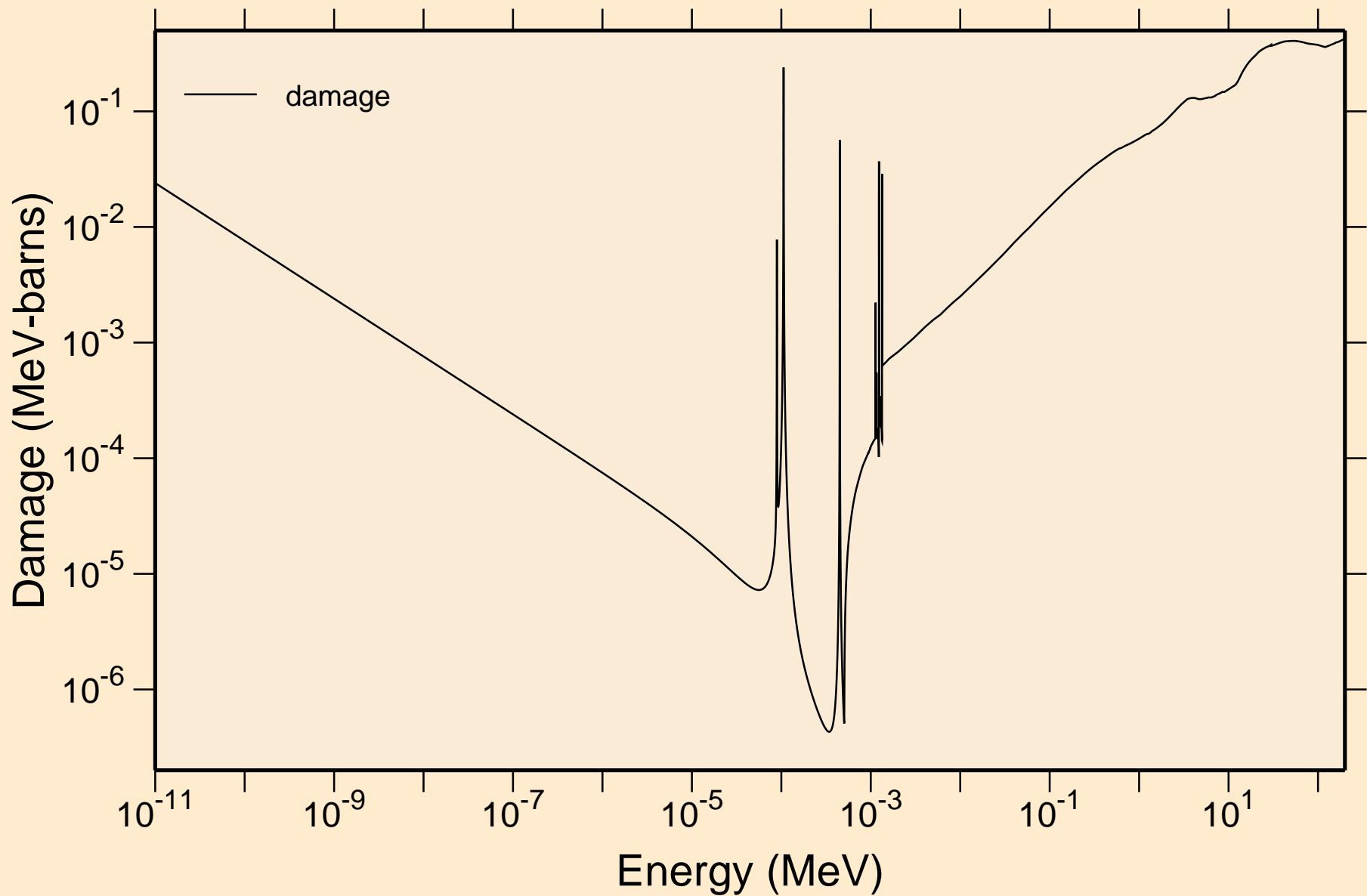
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



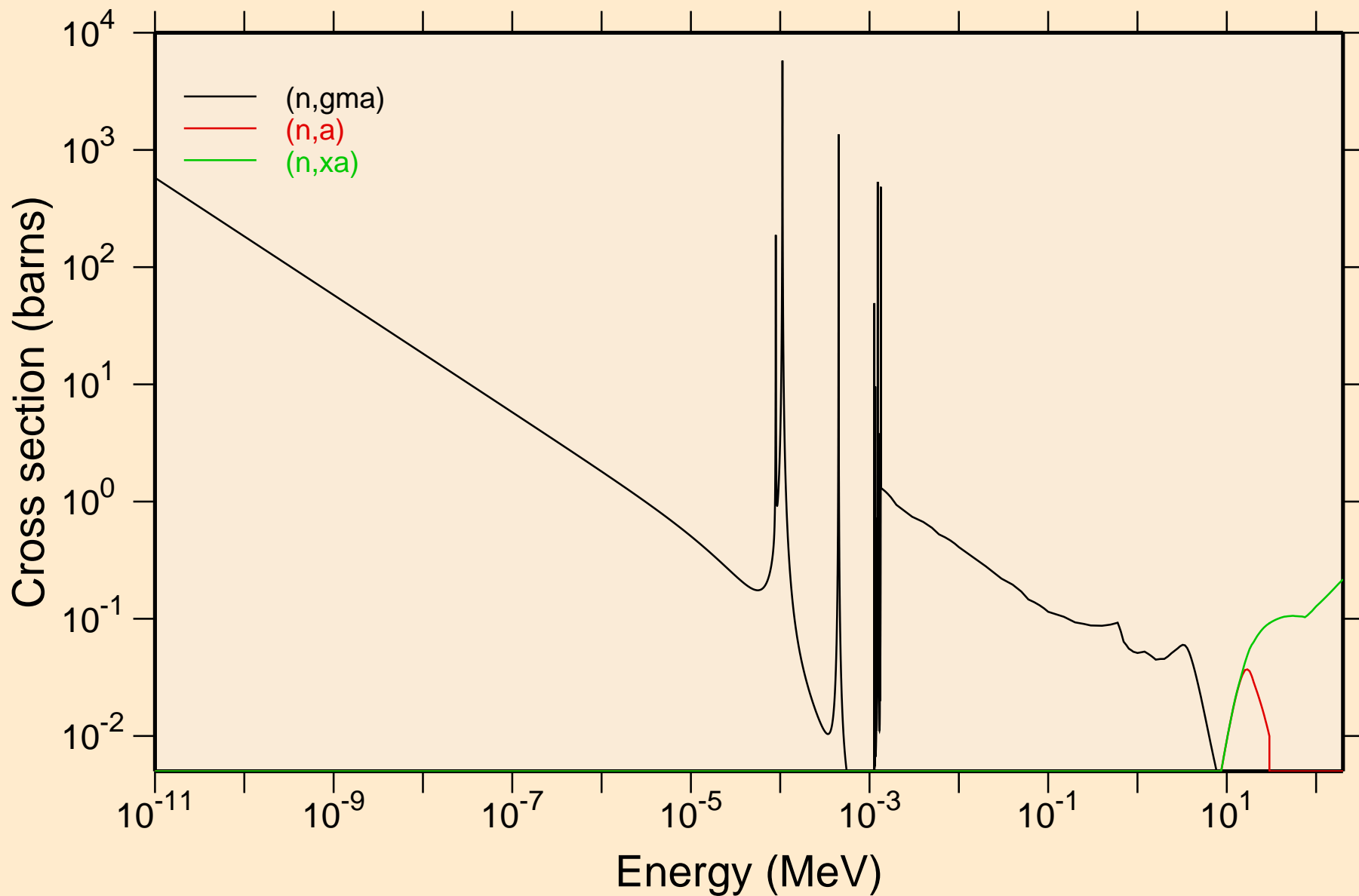
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

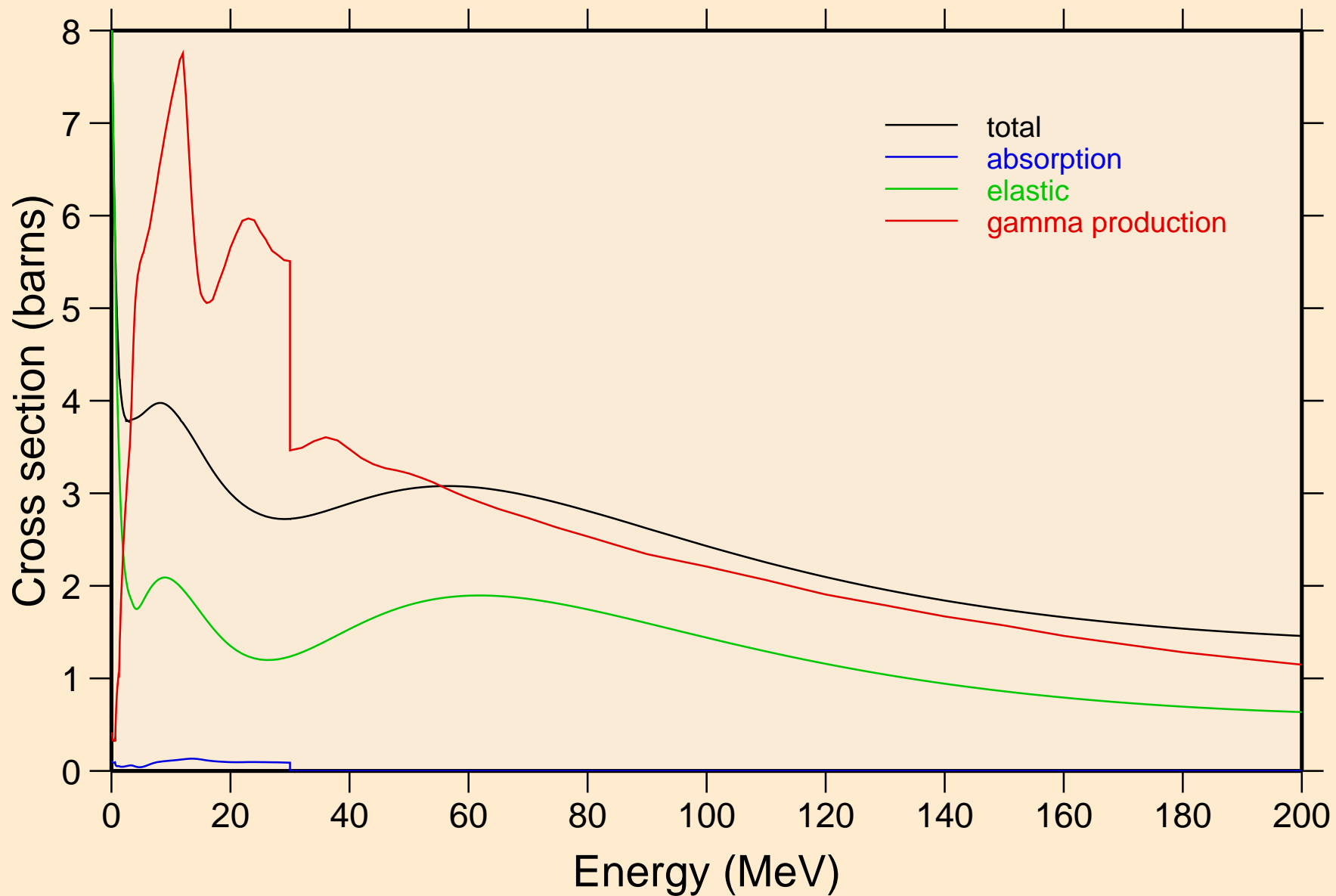


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

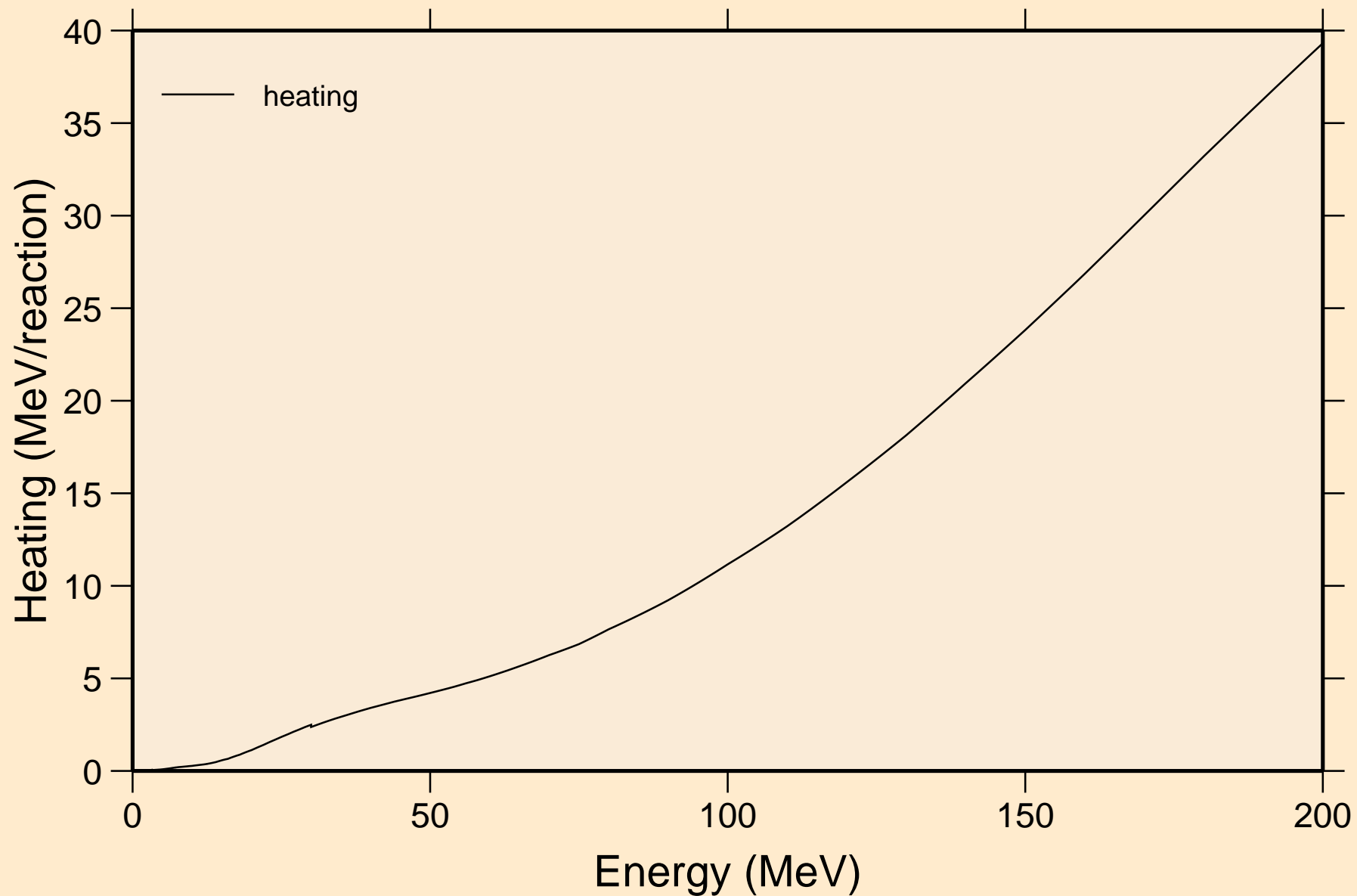


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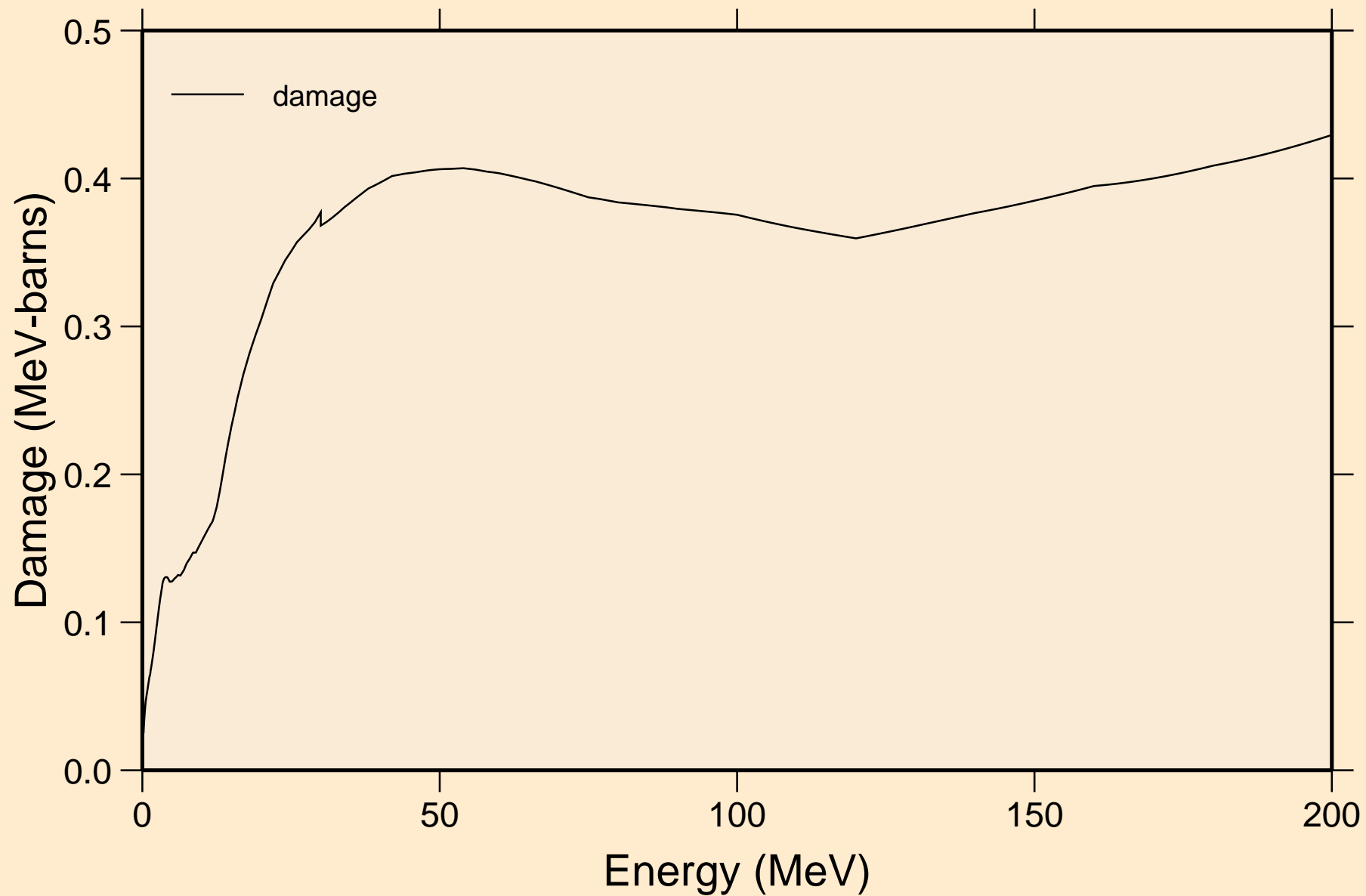
## Principal cross sections



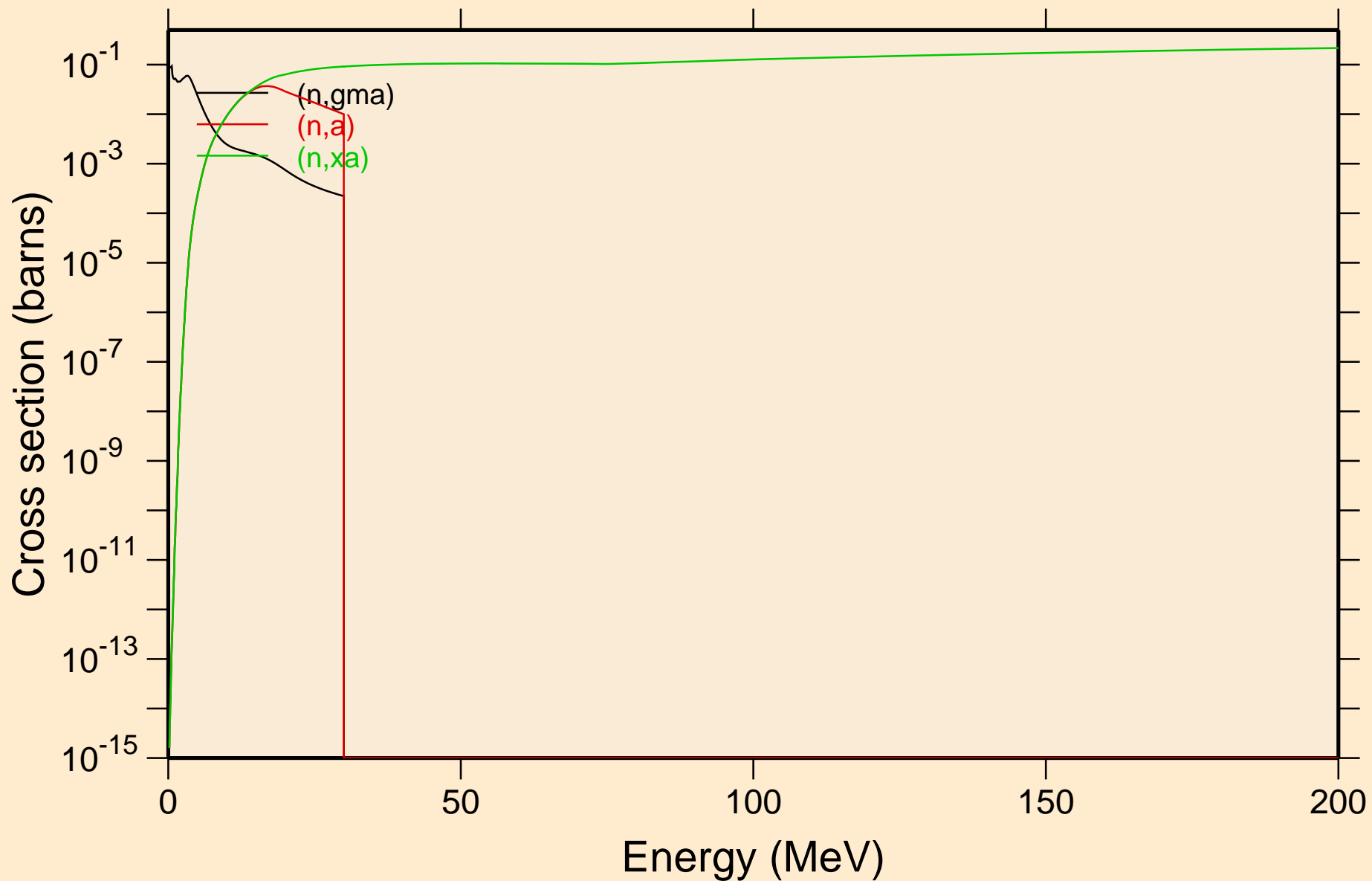
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

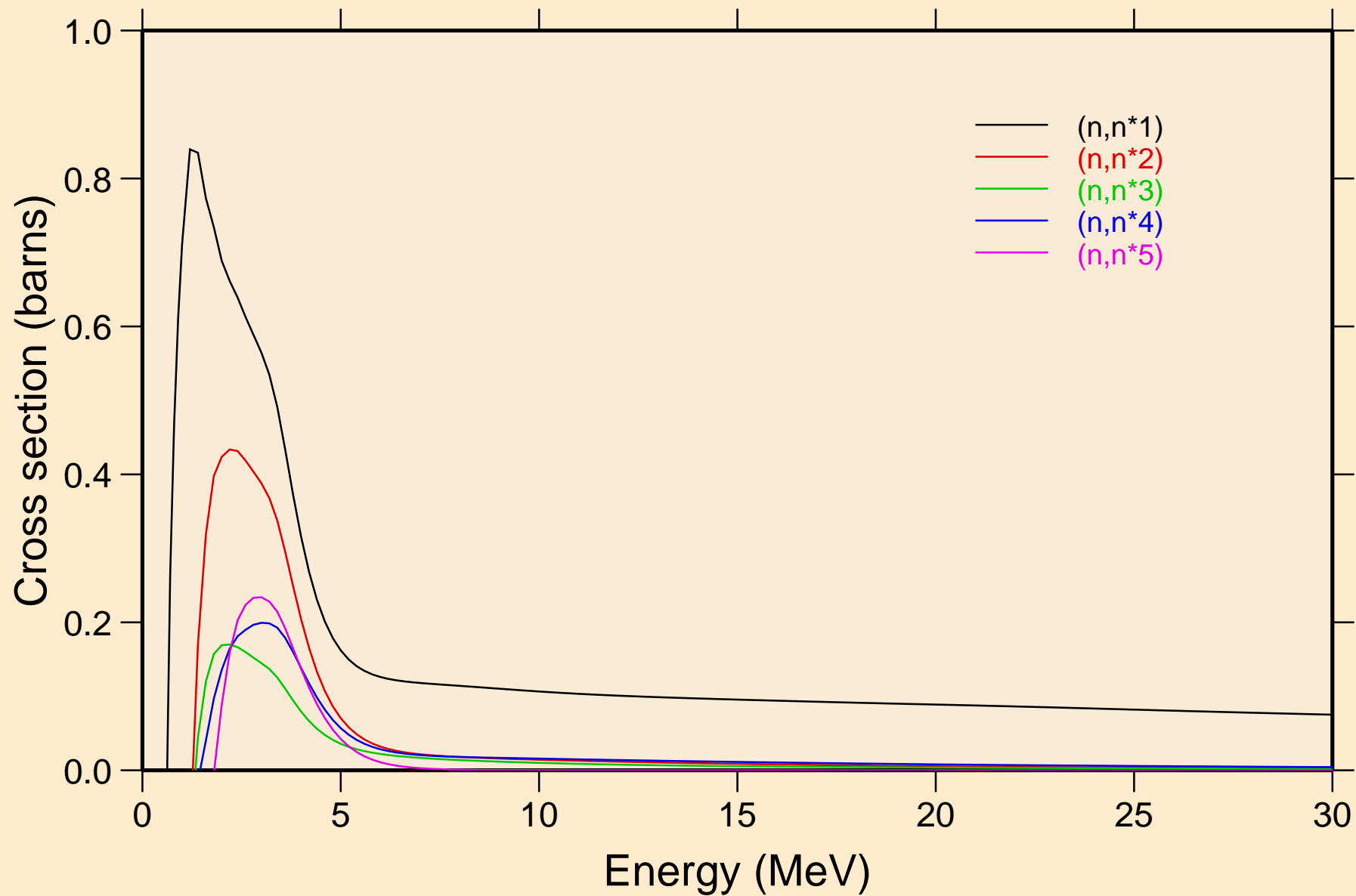


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

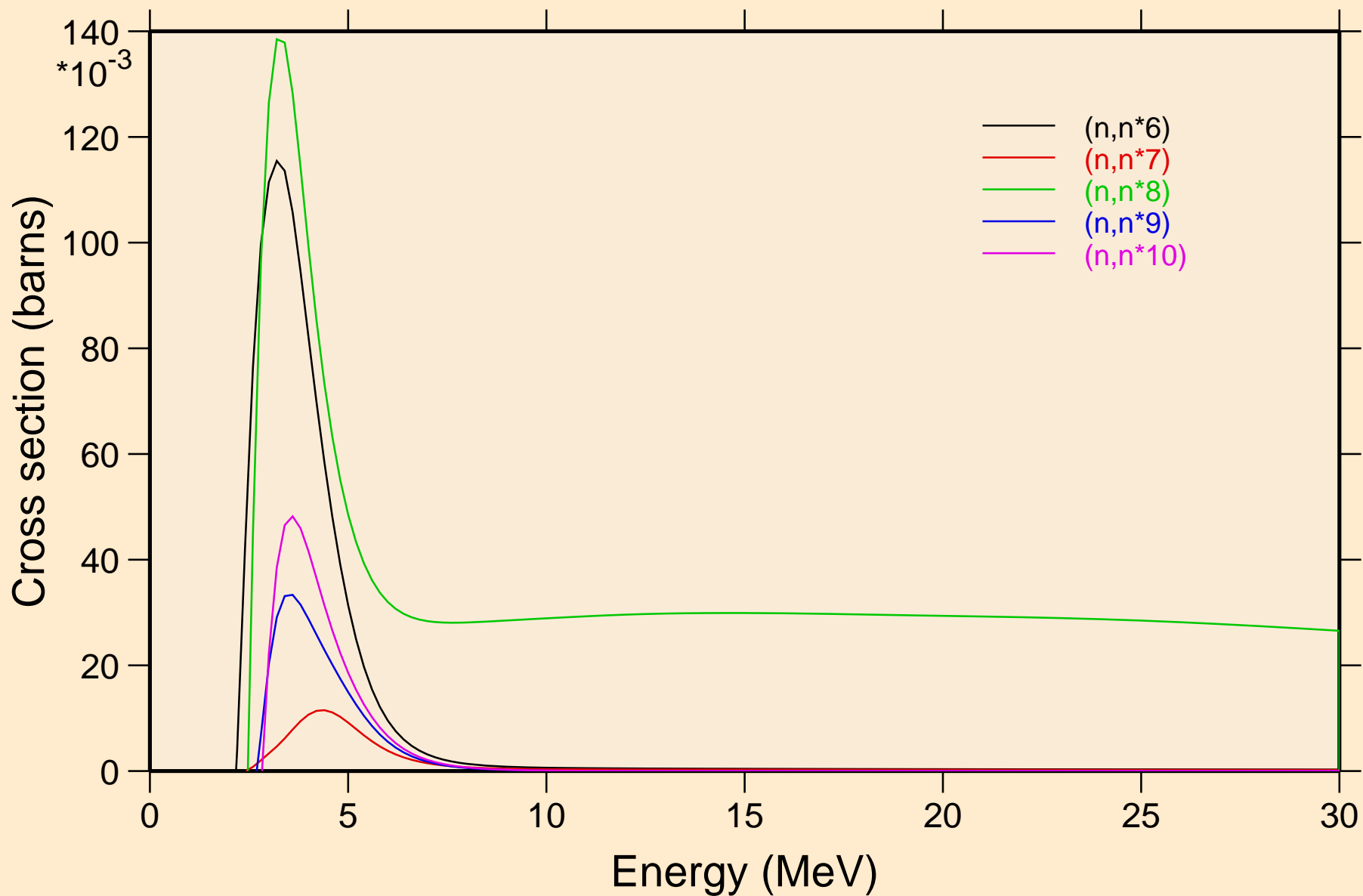




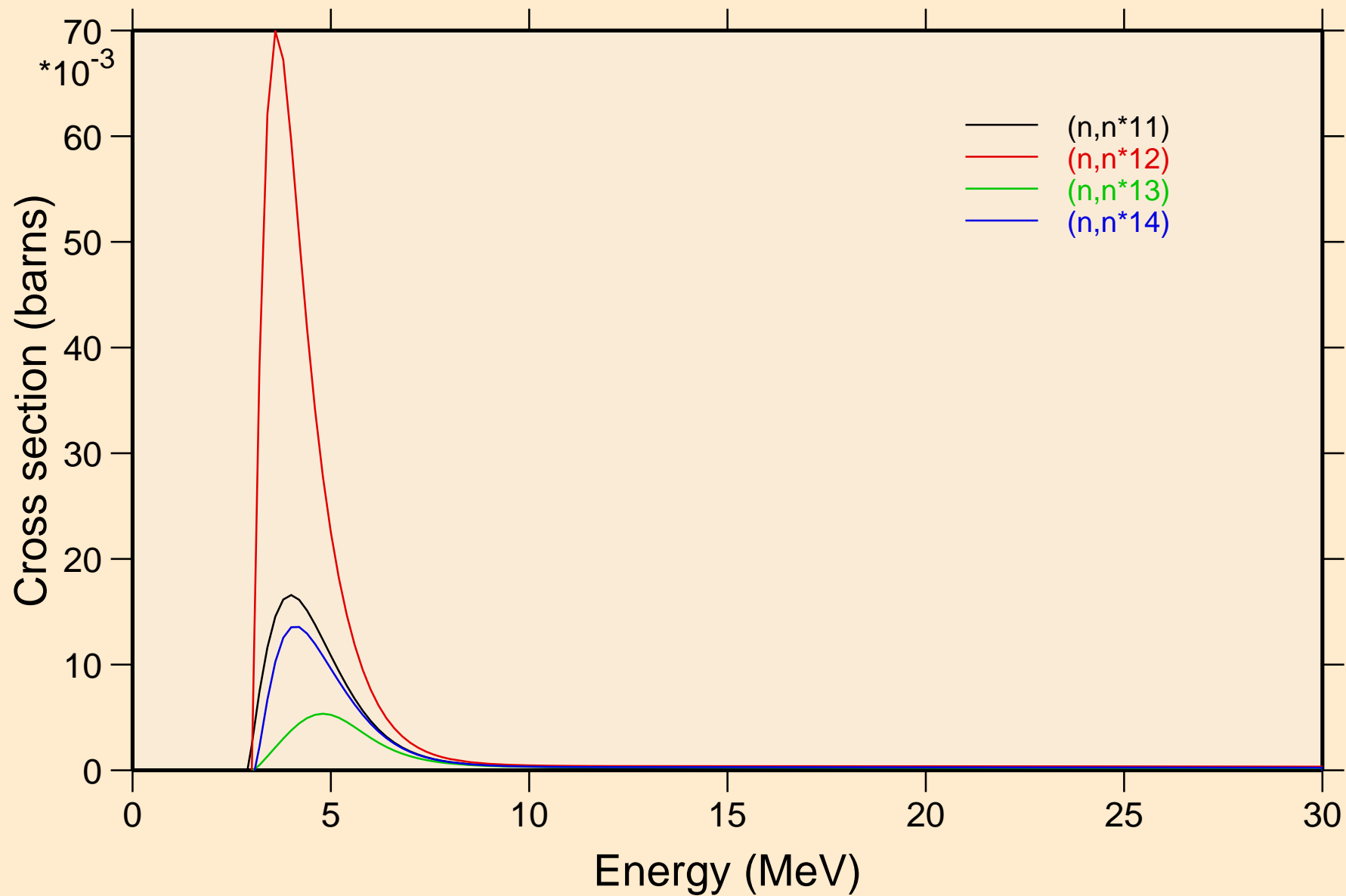
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



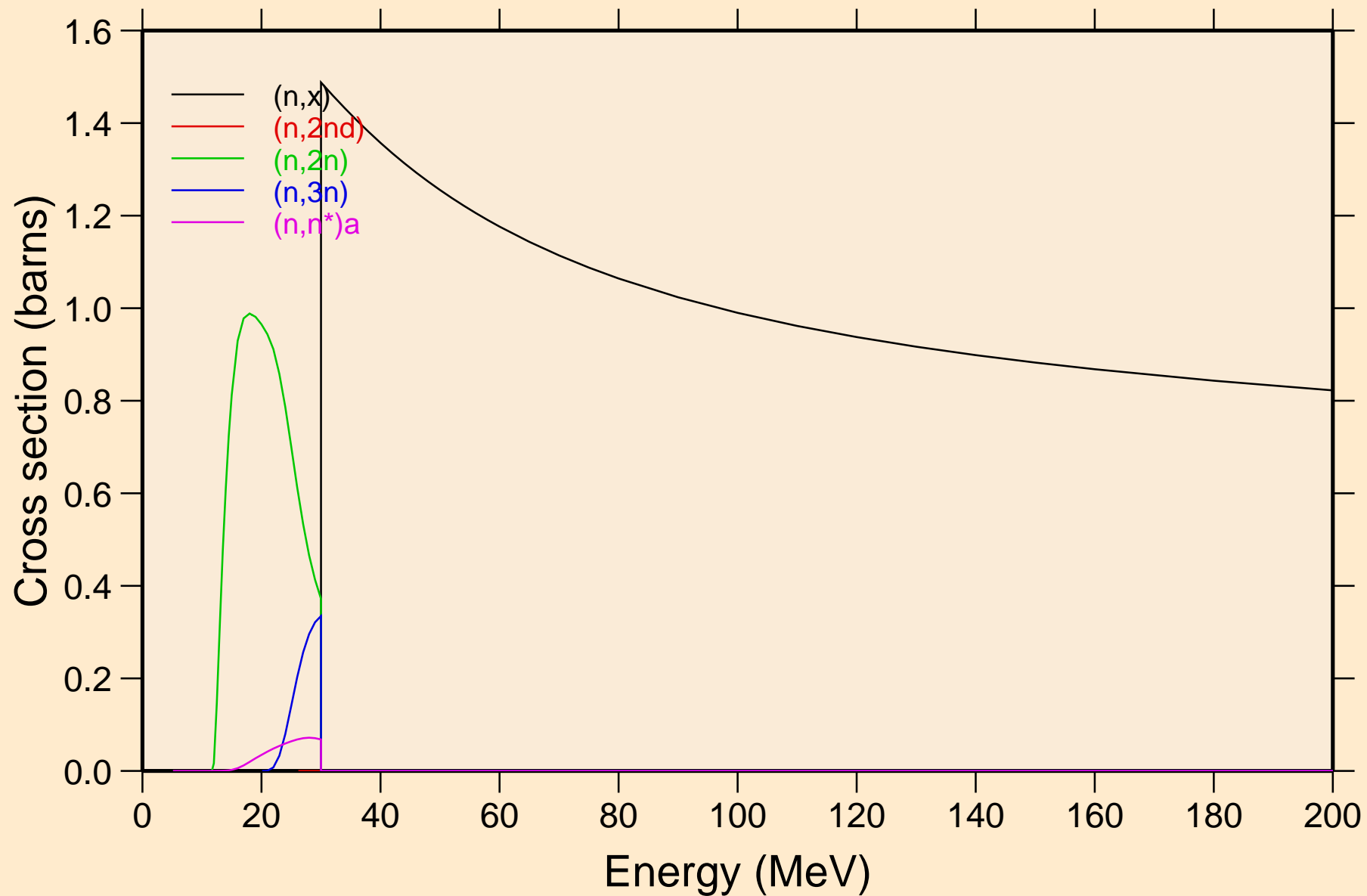
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

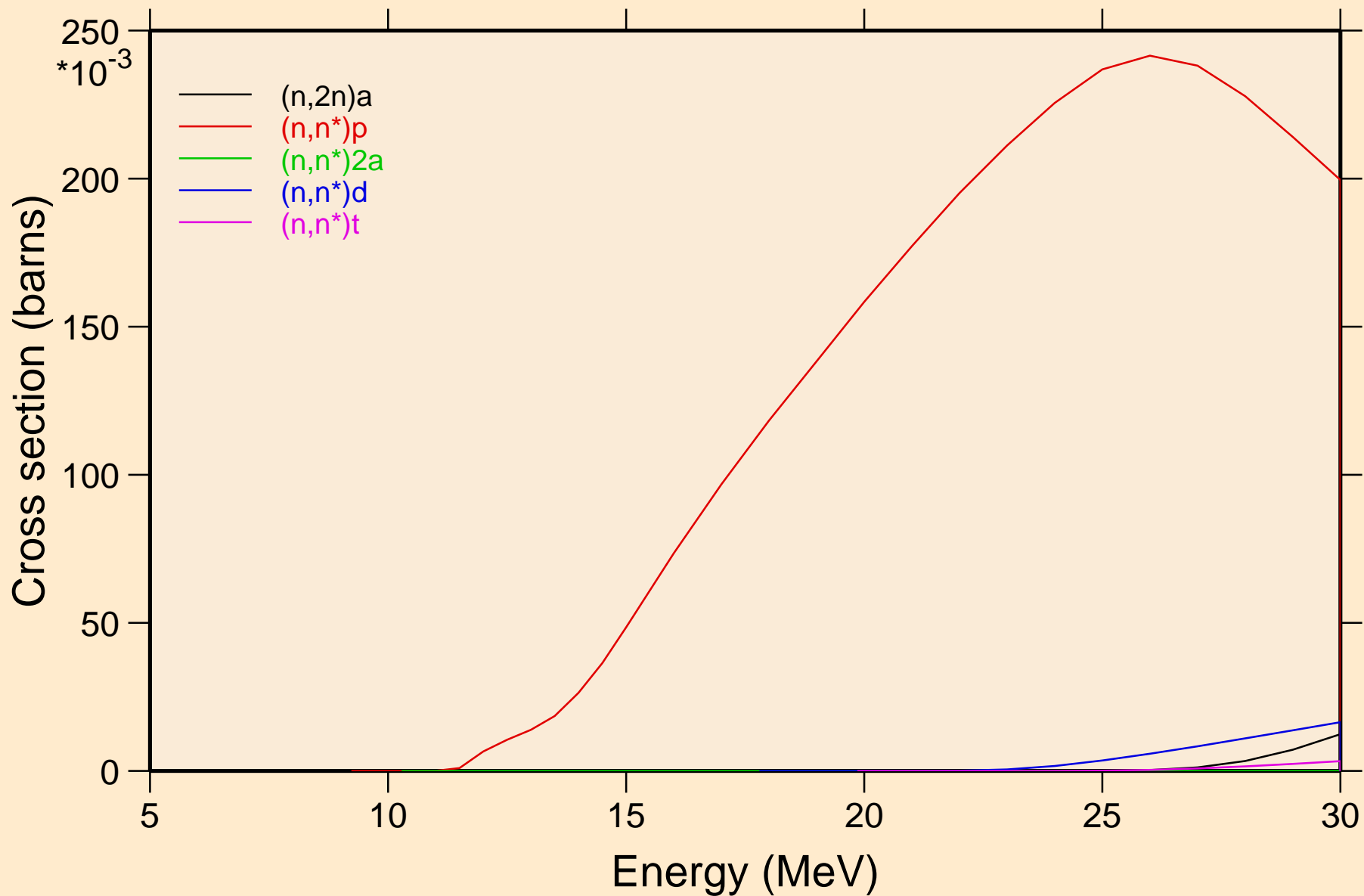


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

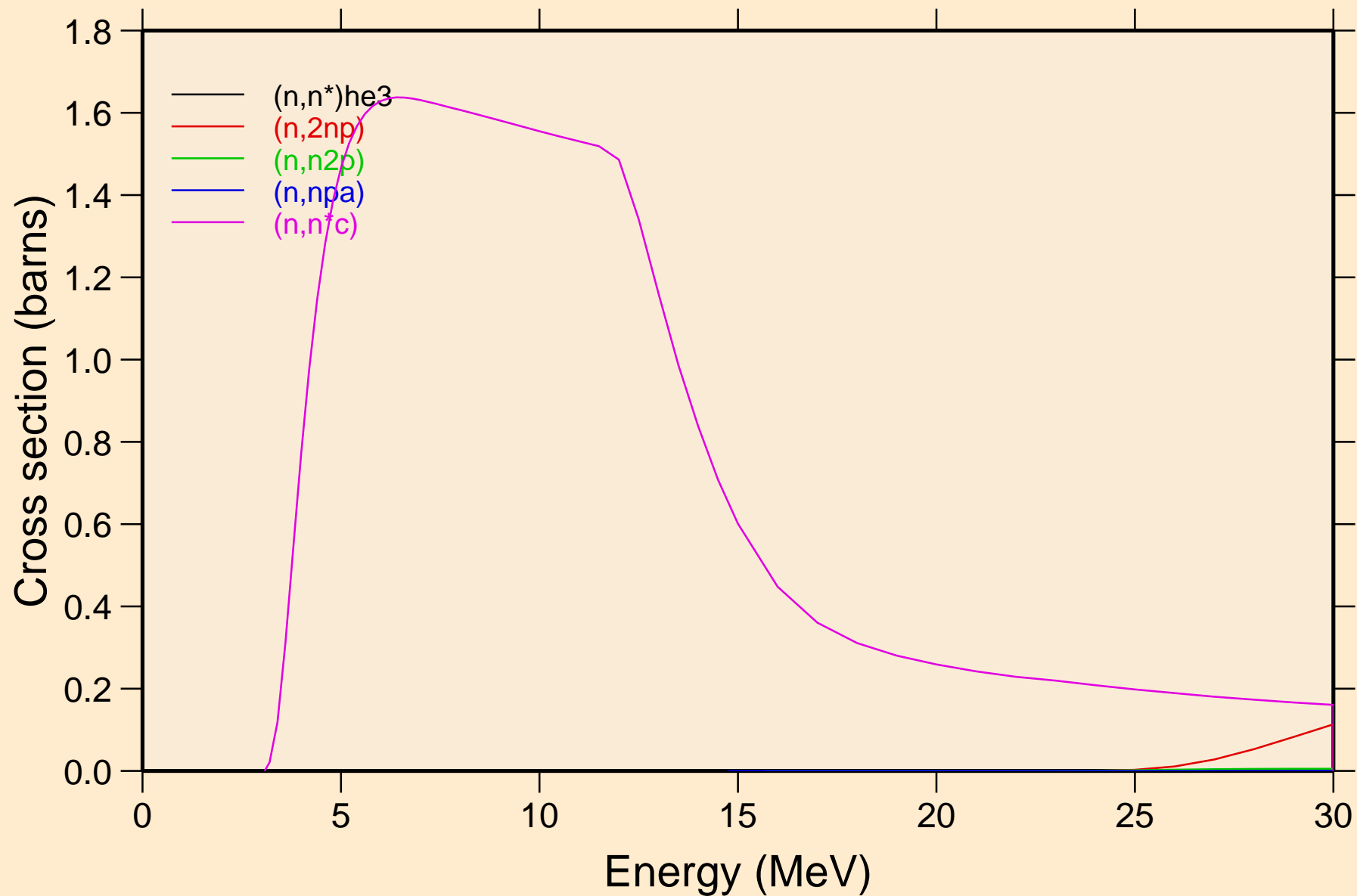


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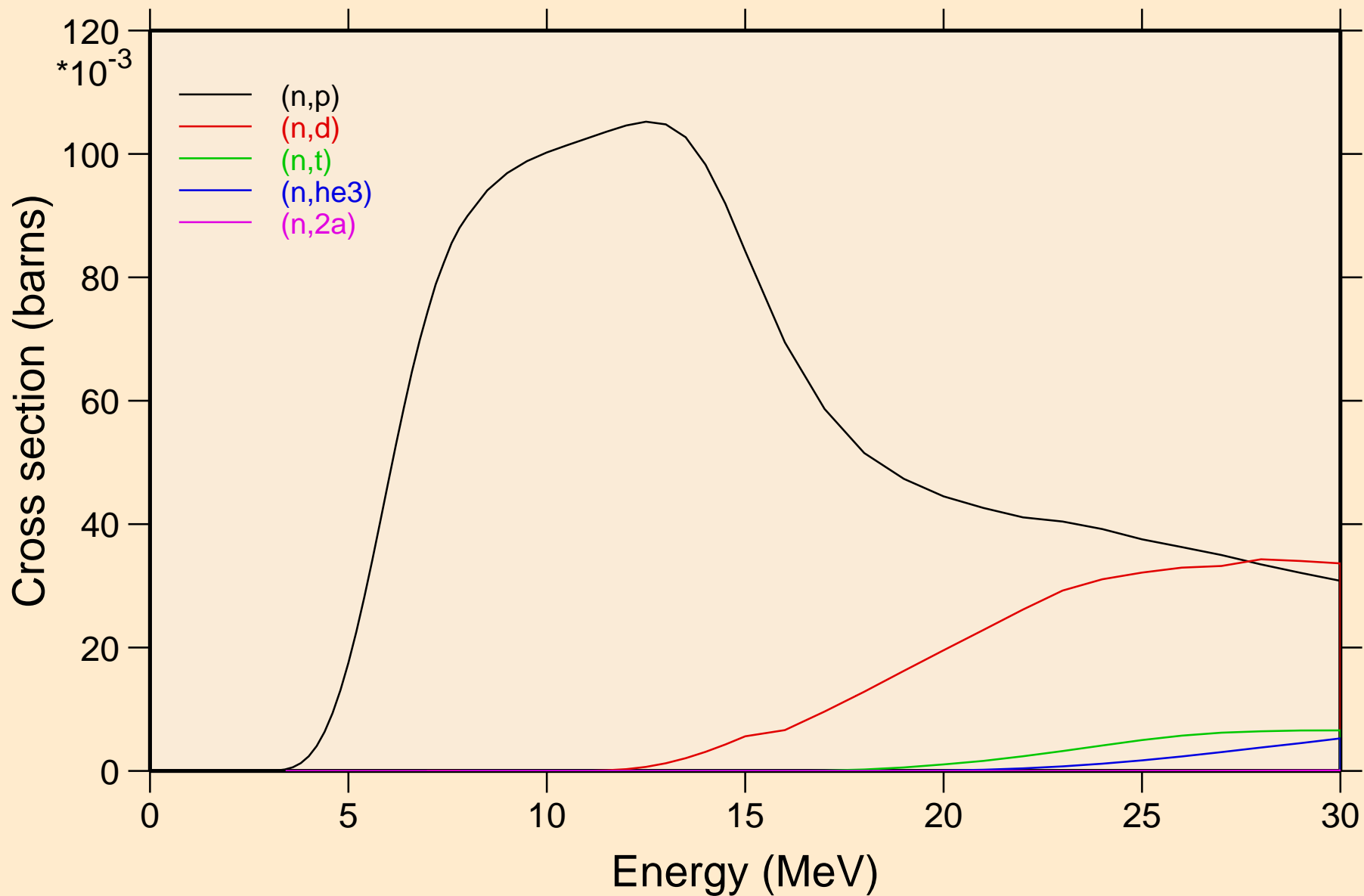
## Threshold reactions



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

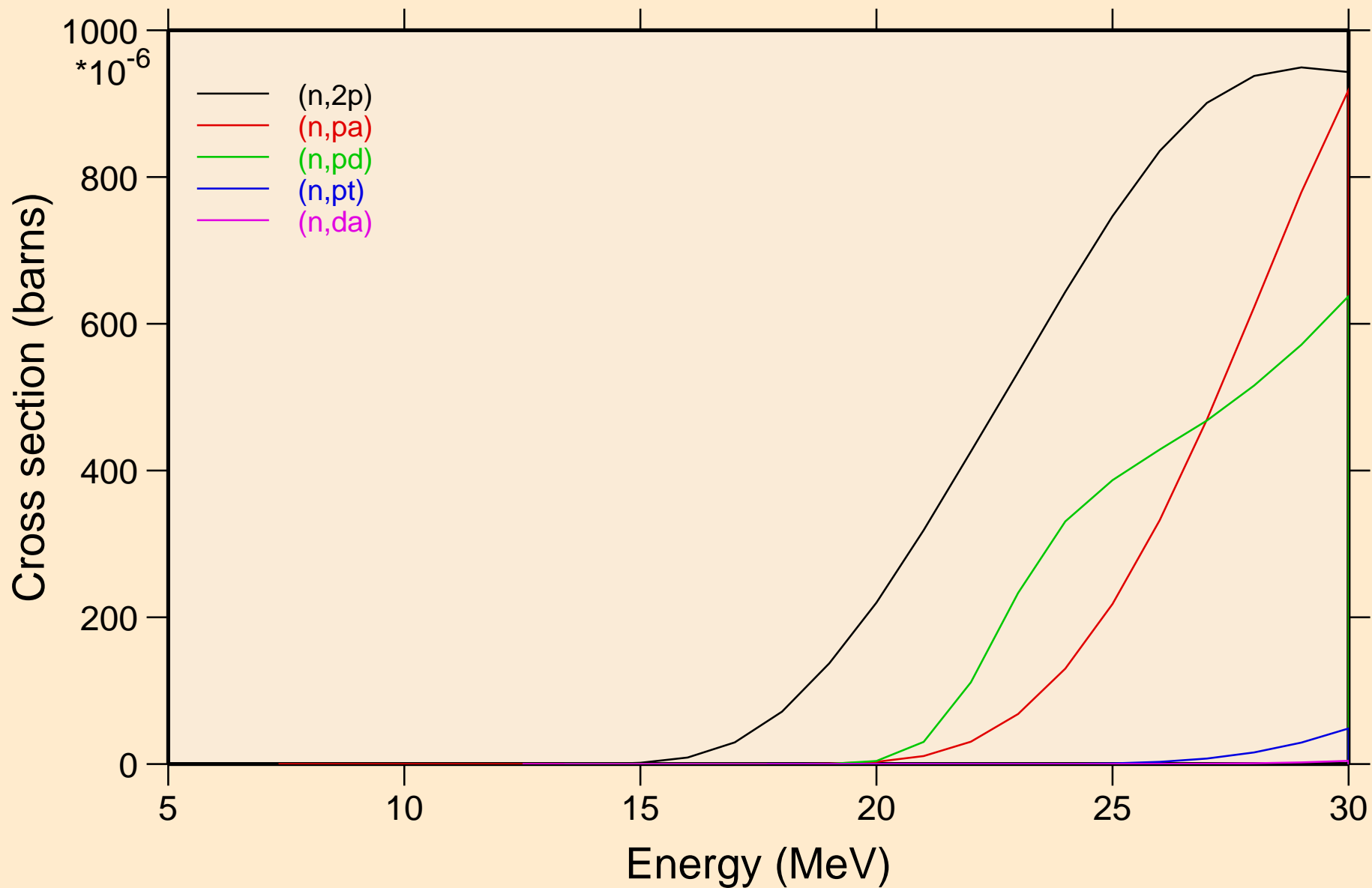


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



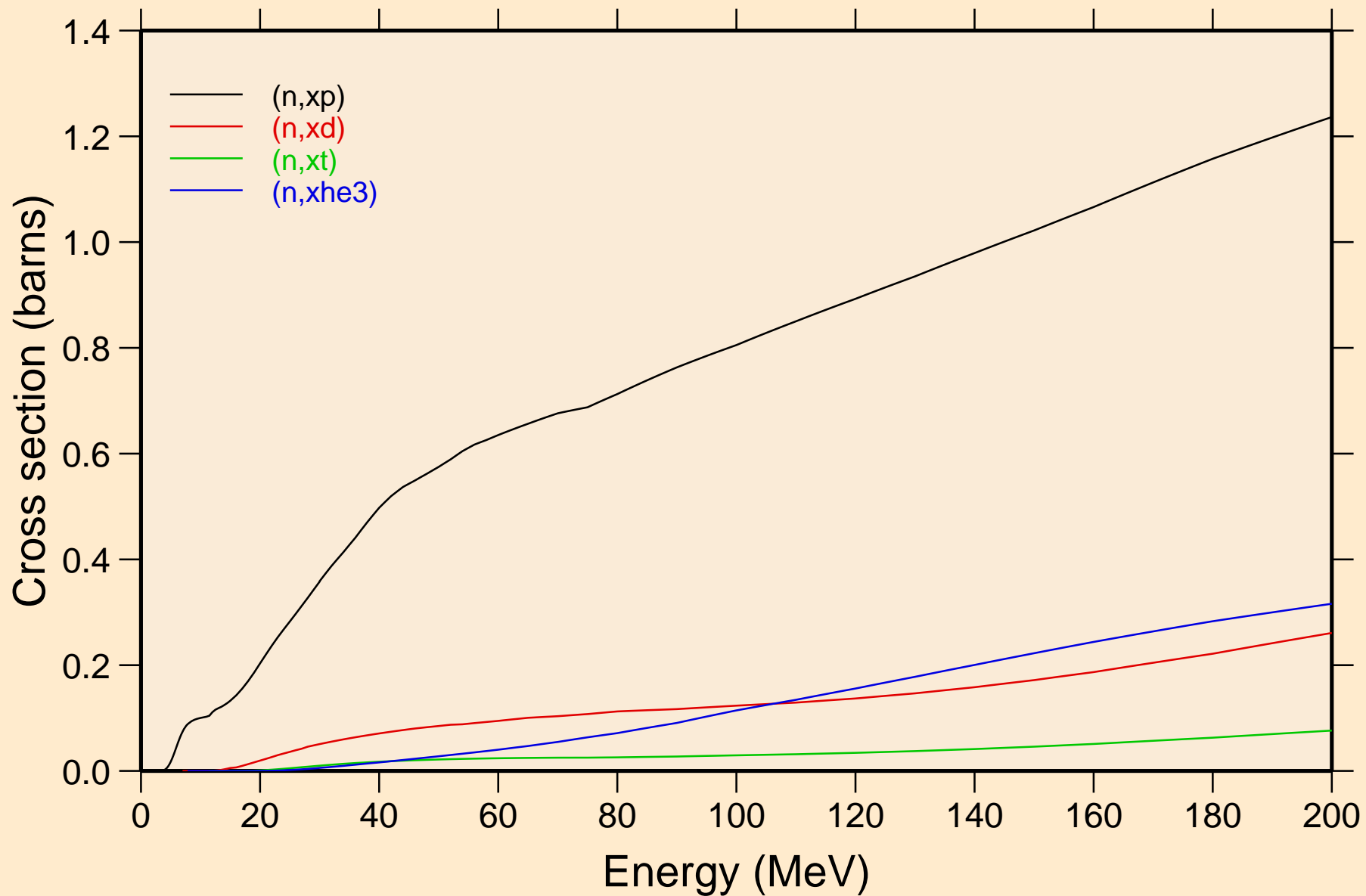
# KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

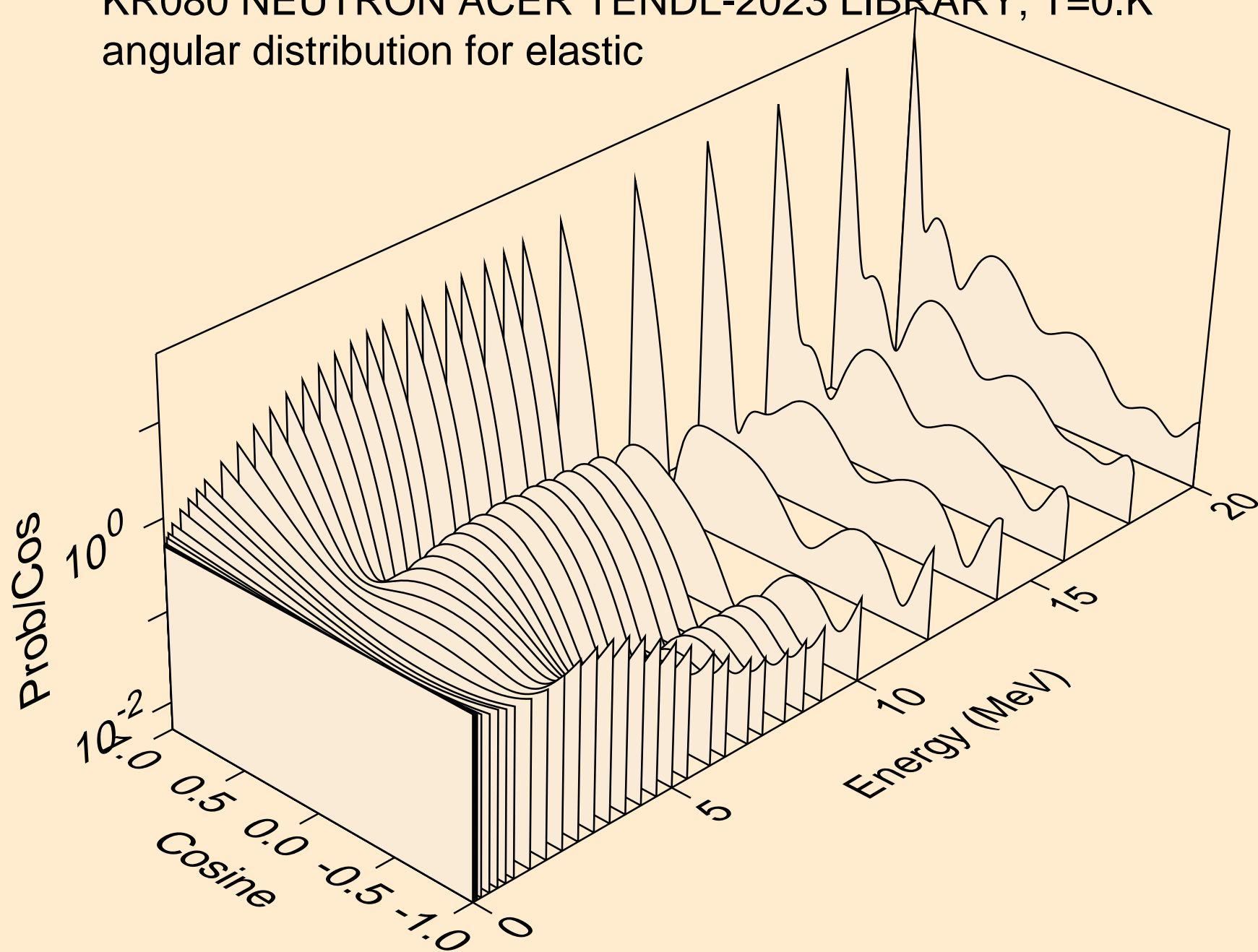




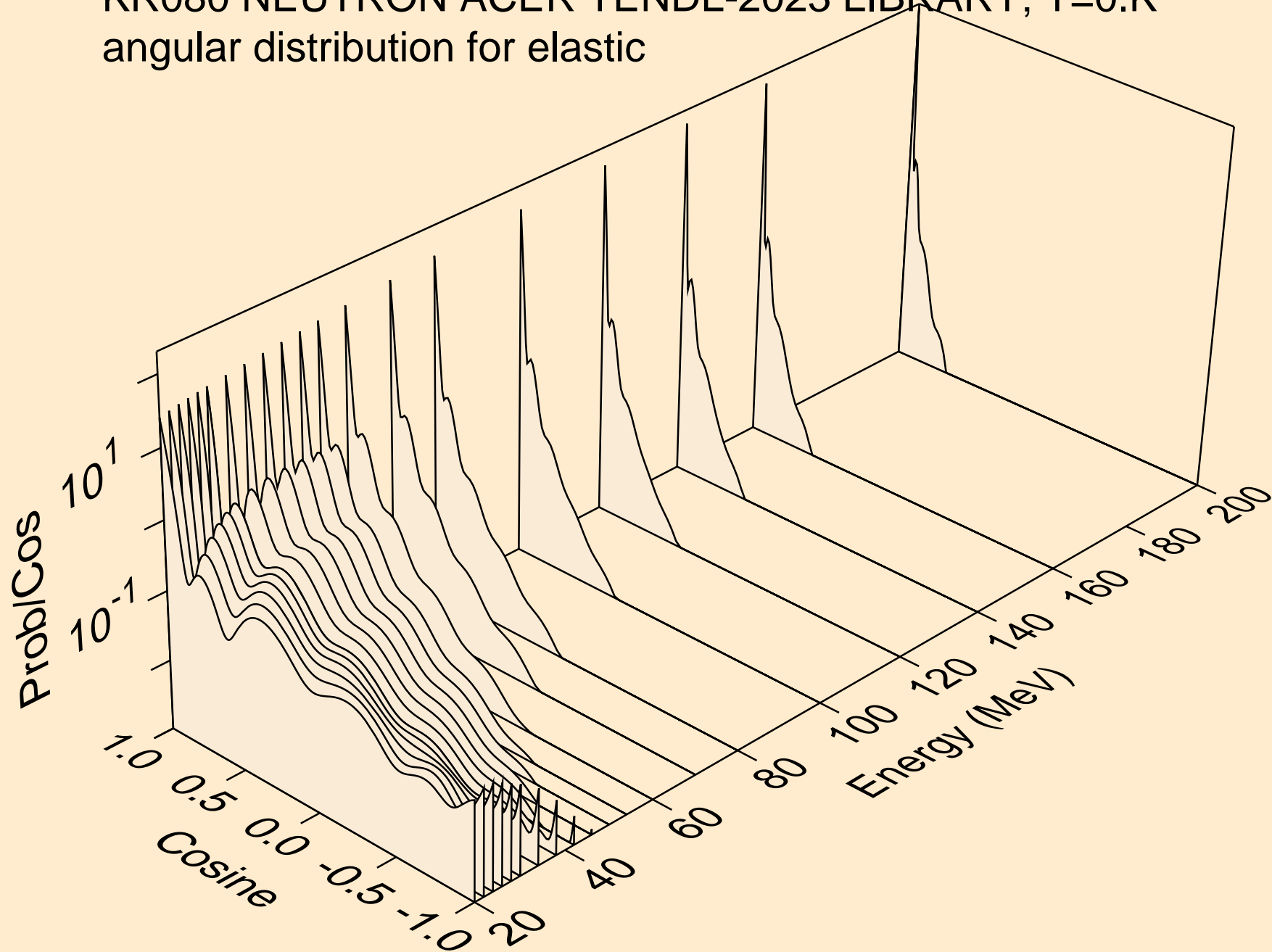
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



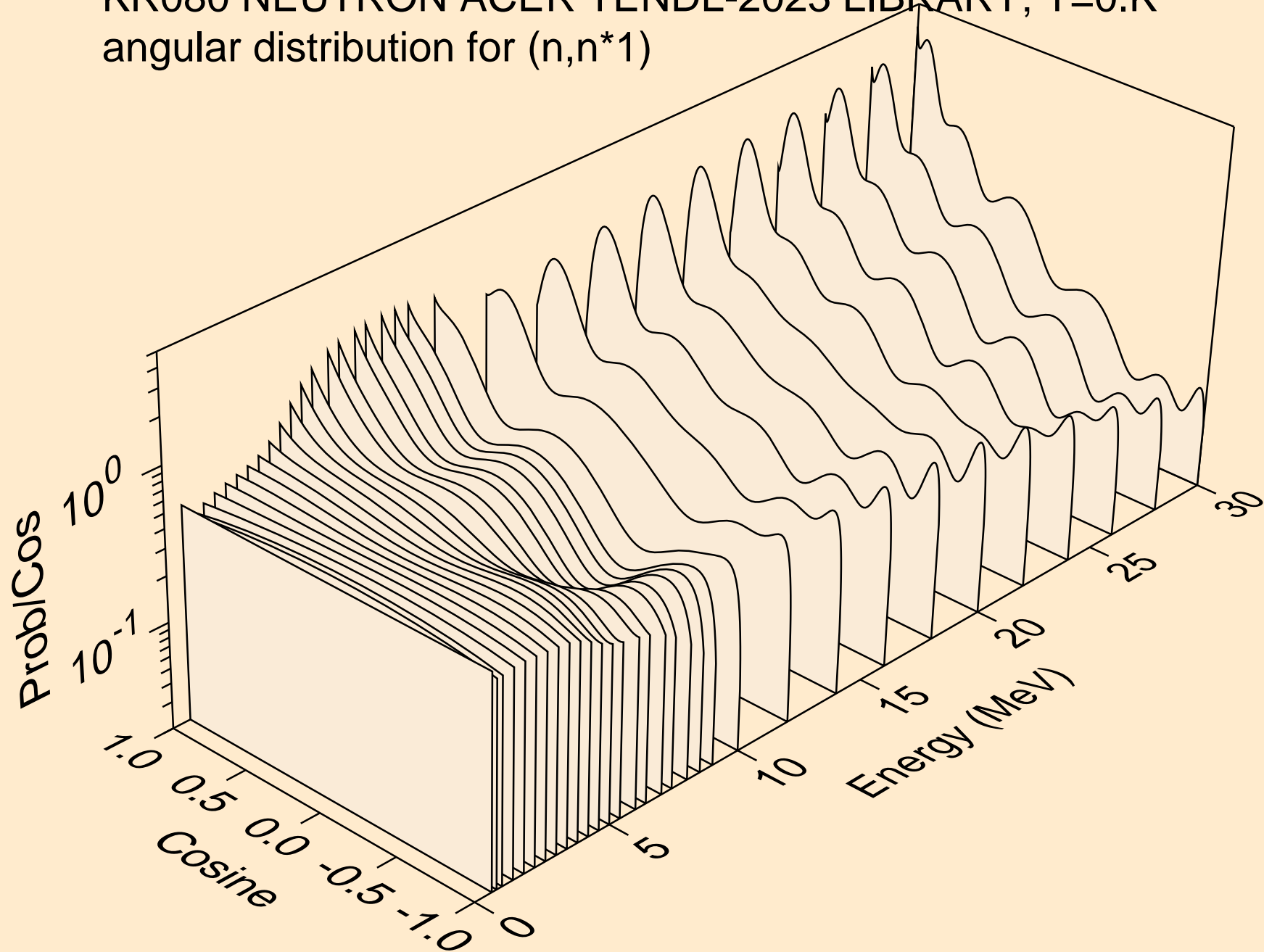
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



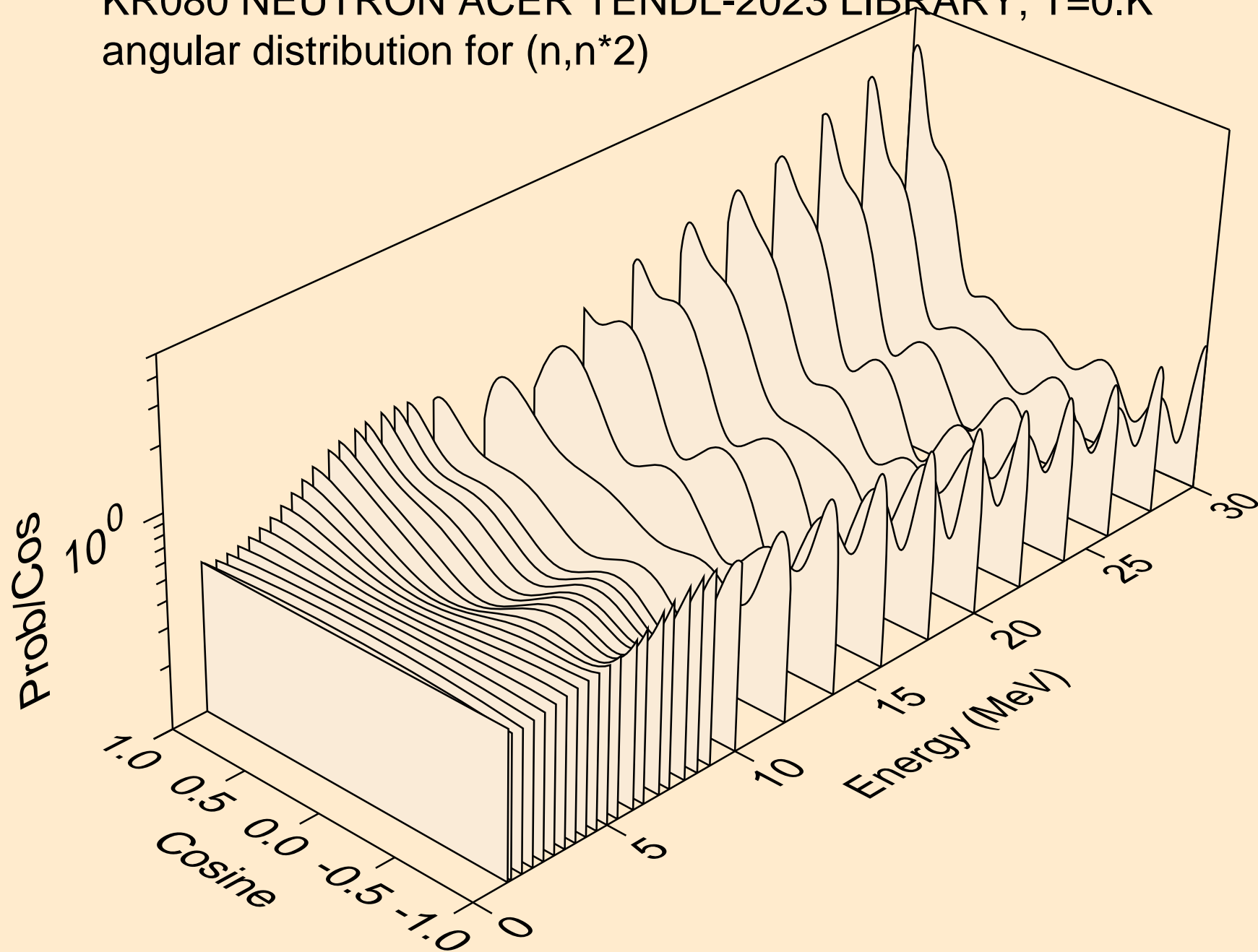
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



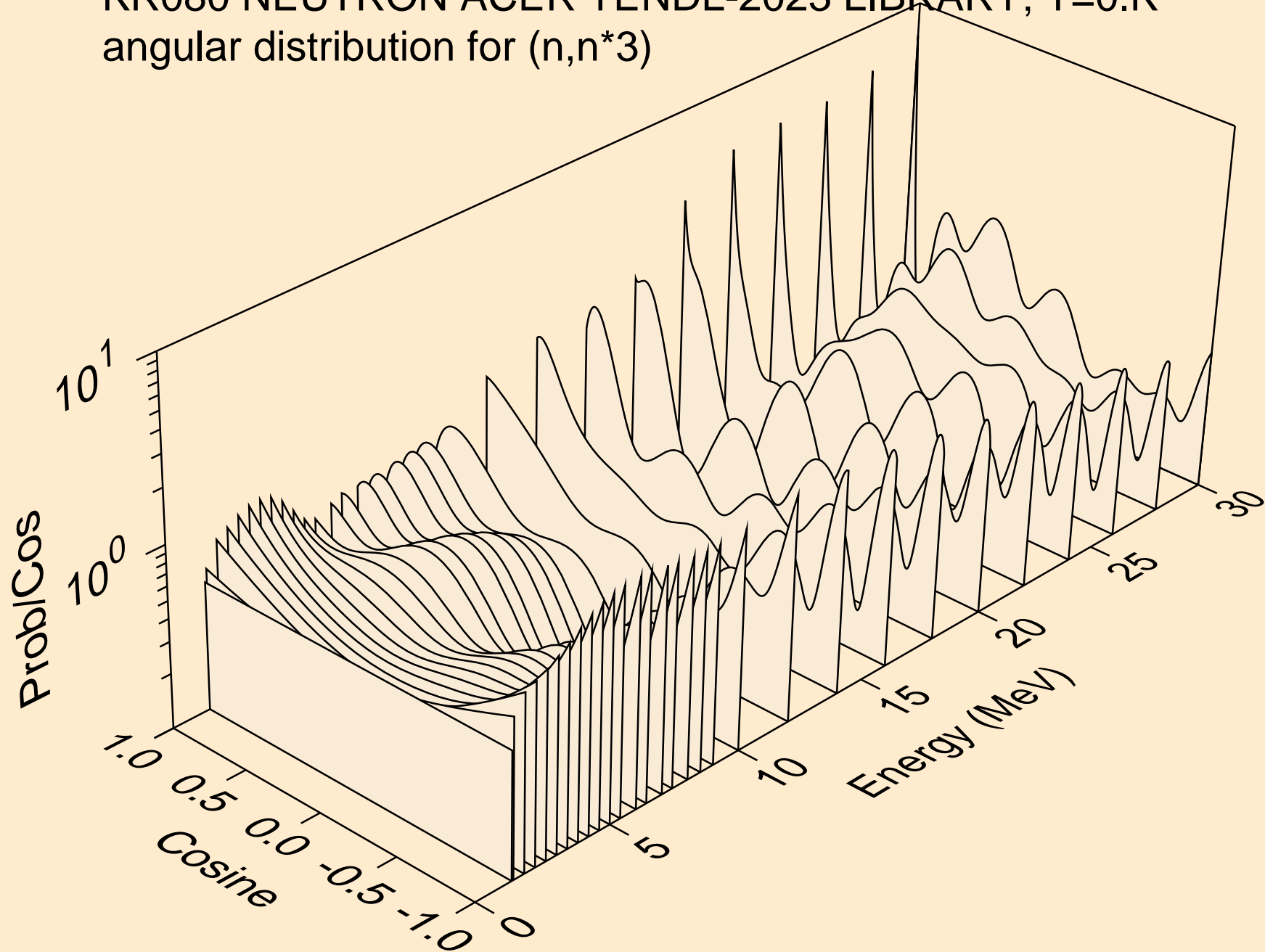
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



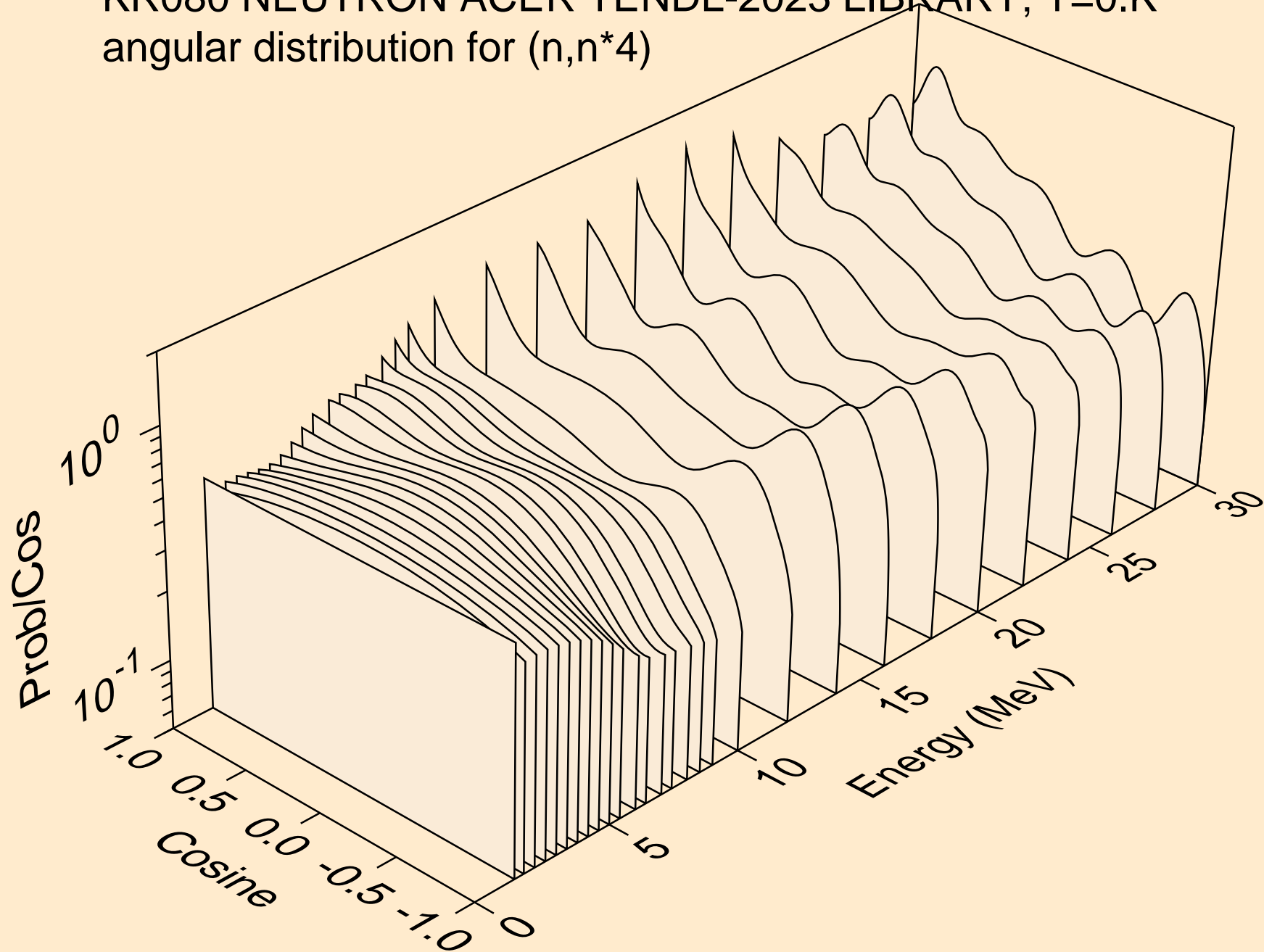
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



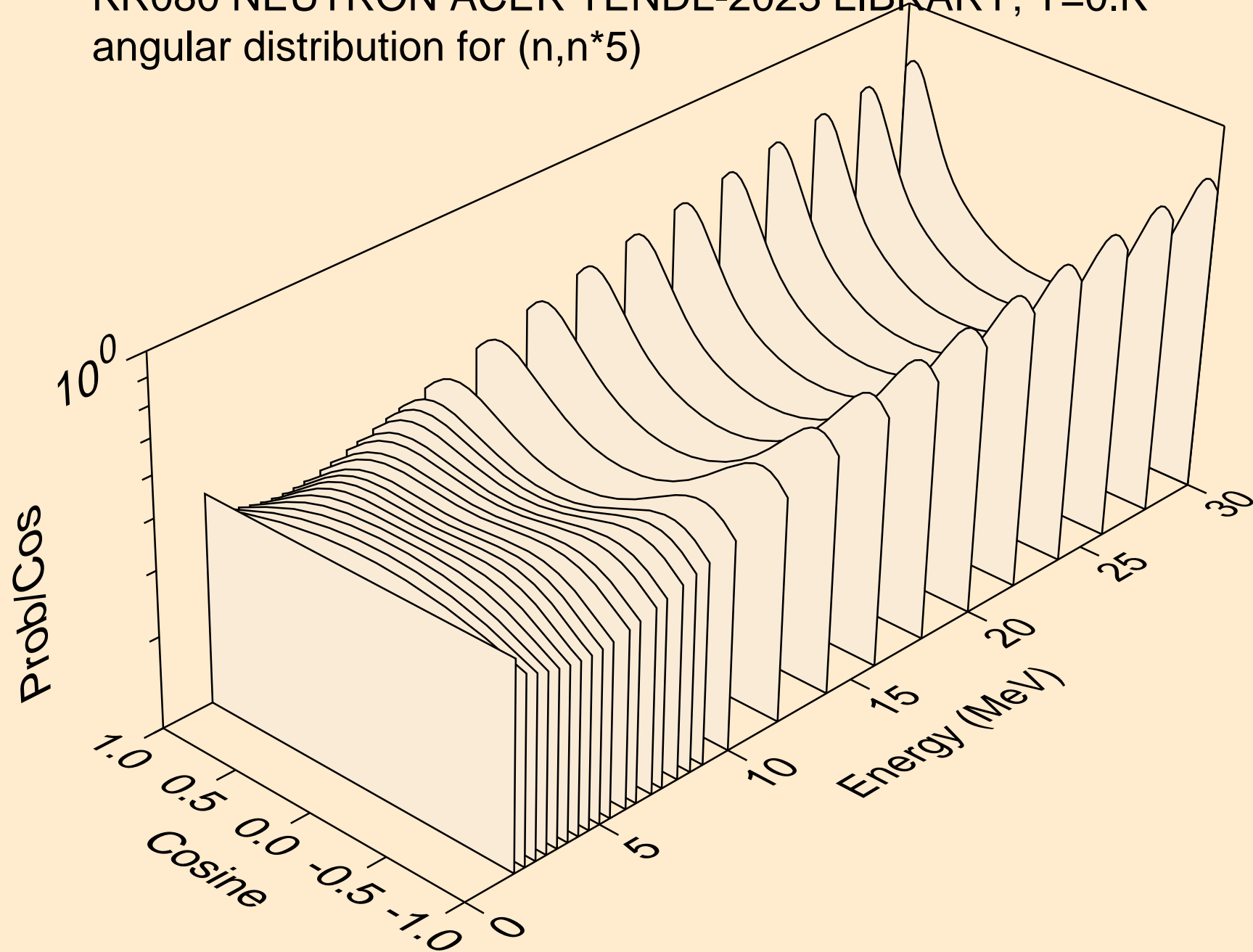
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

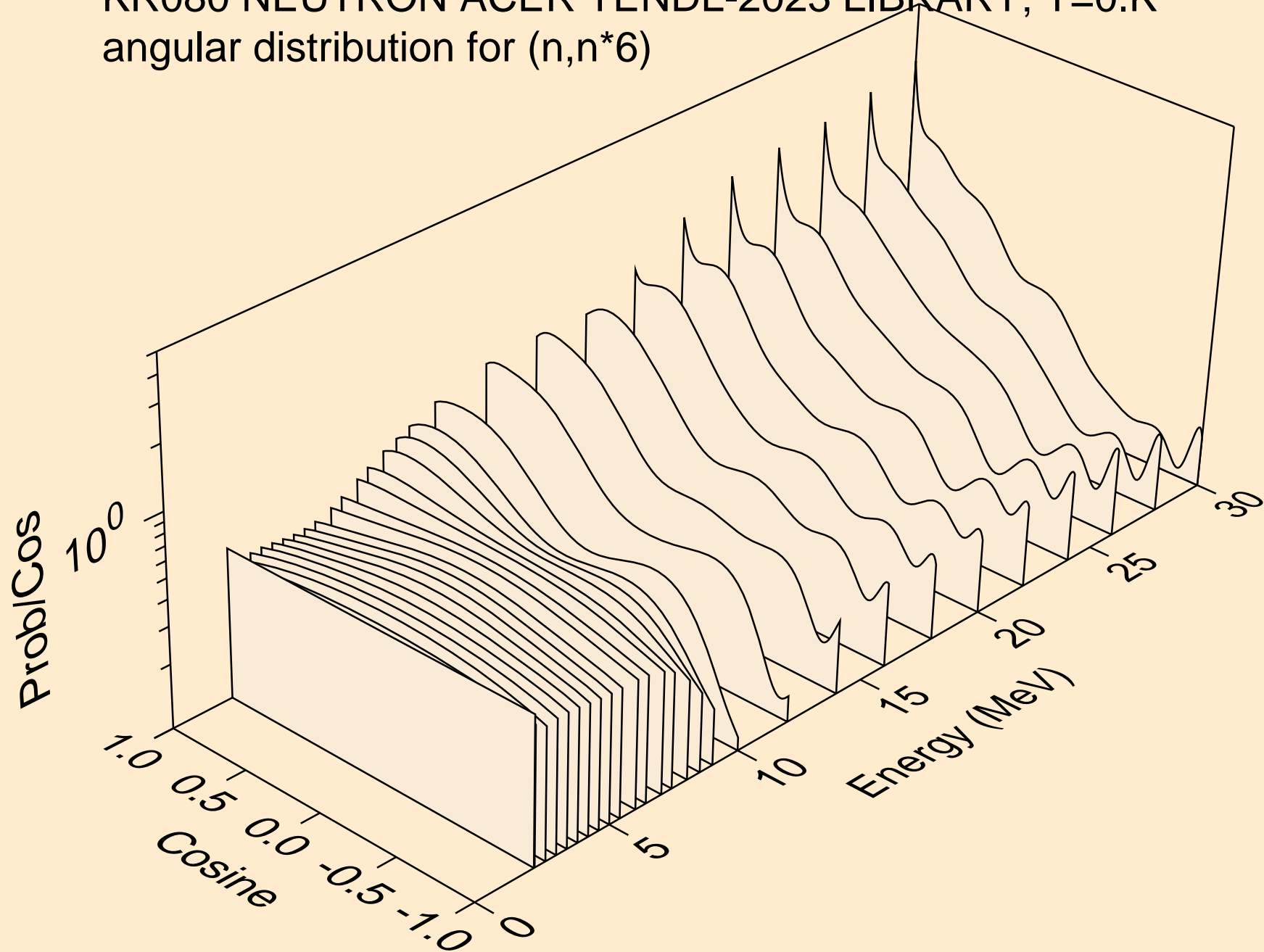


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

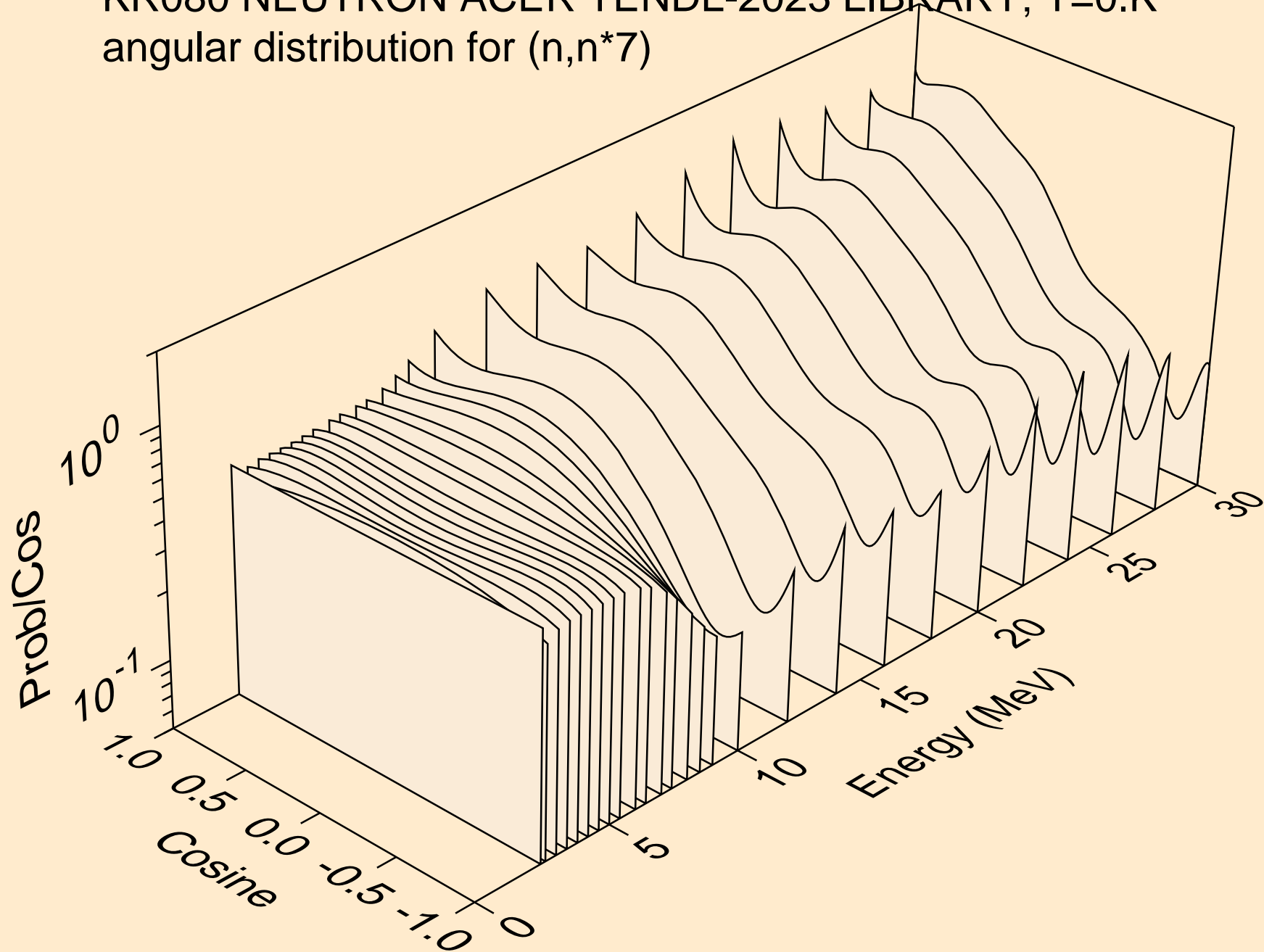




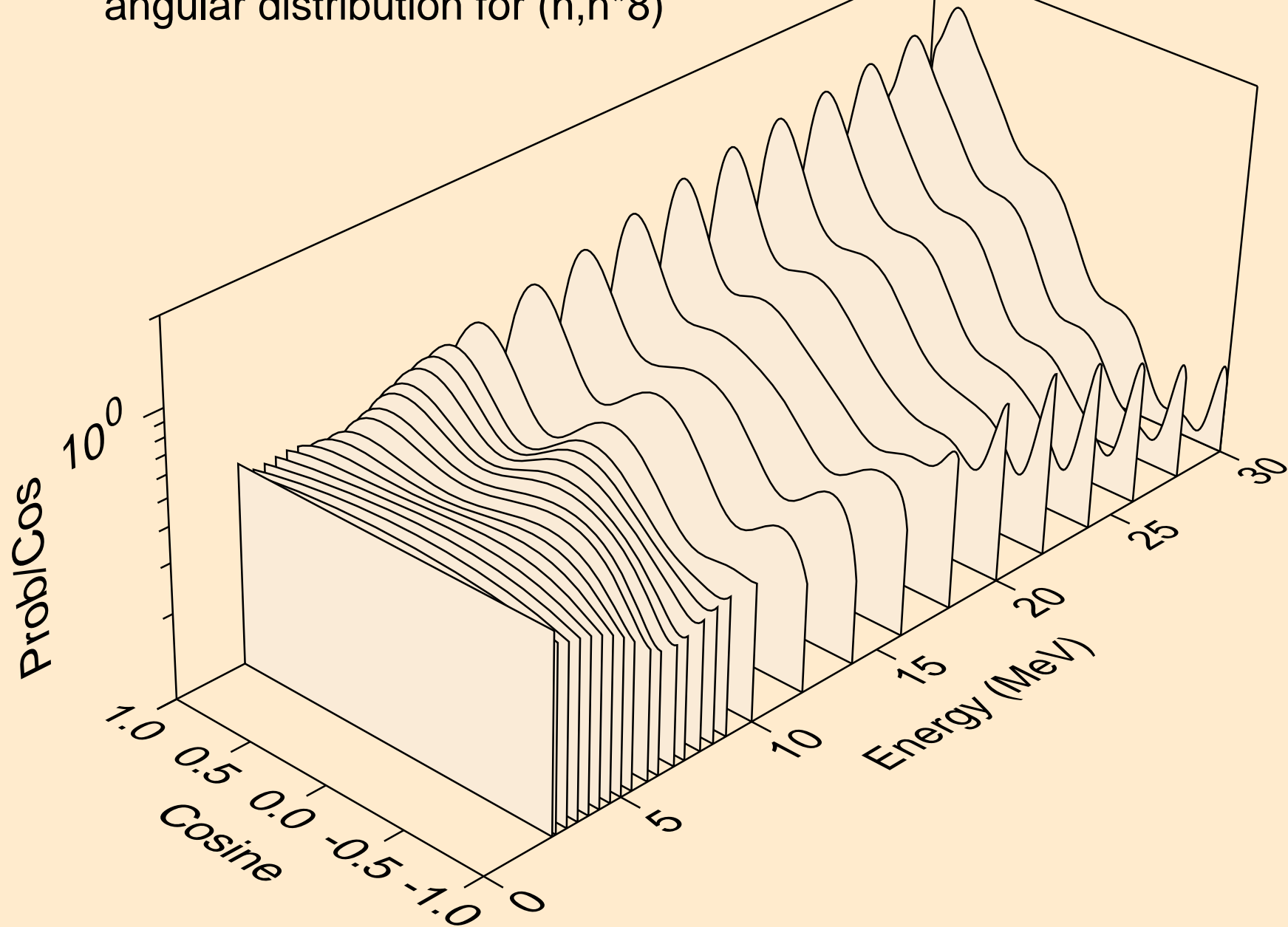
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



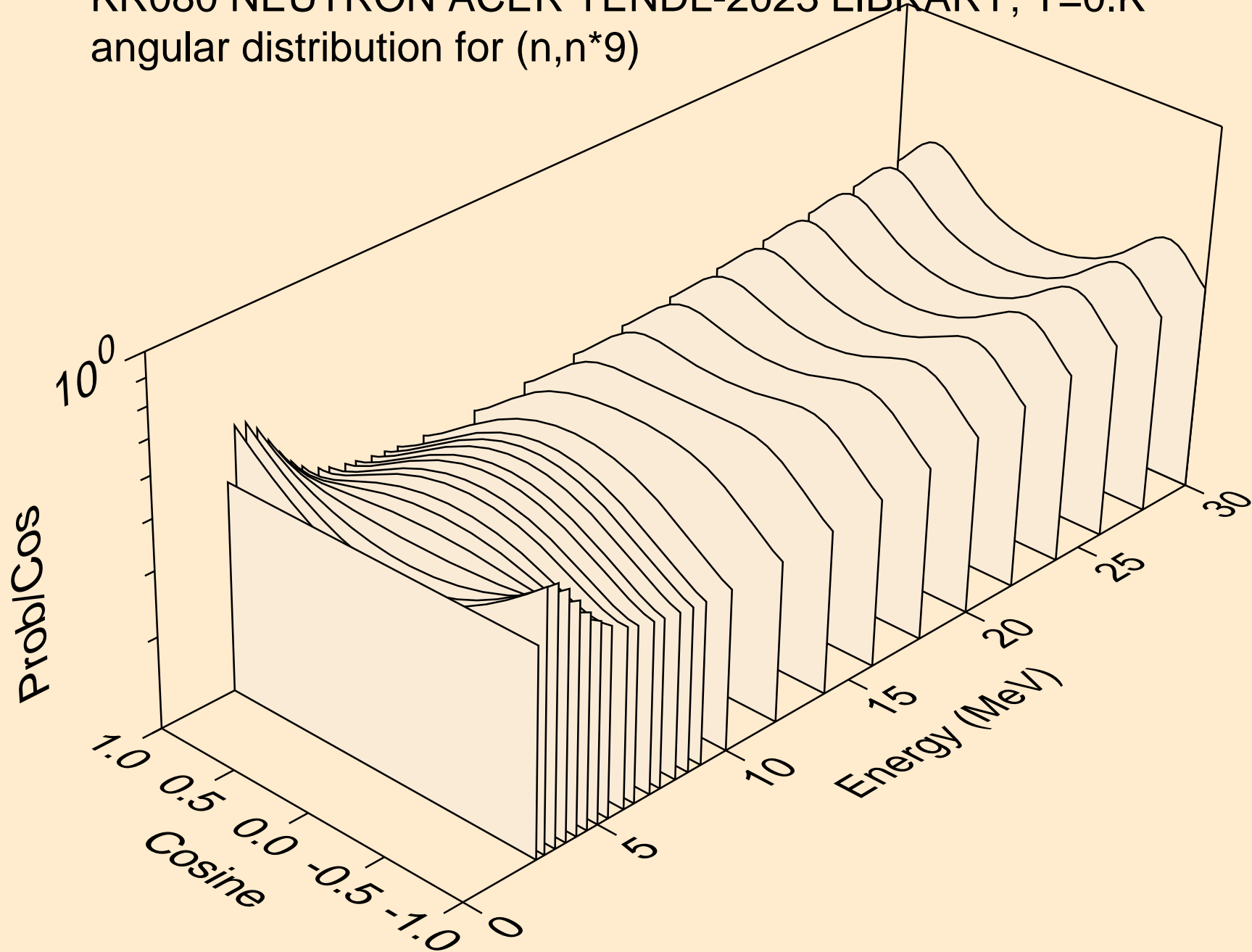
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angular distribution for (n,n\*7)



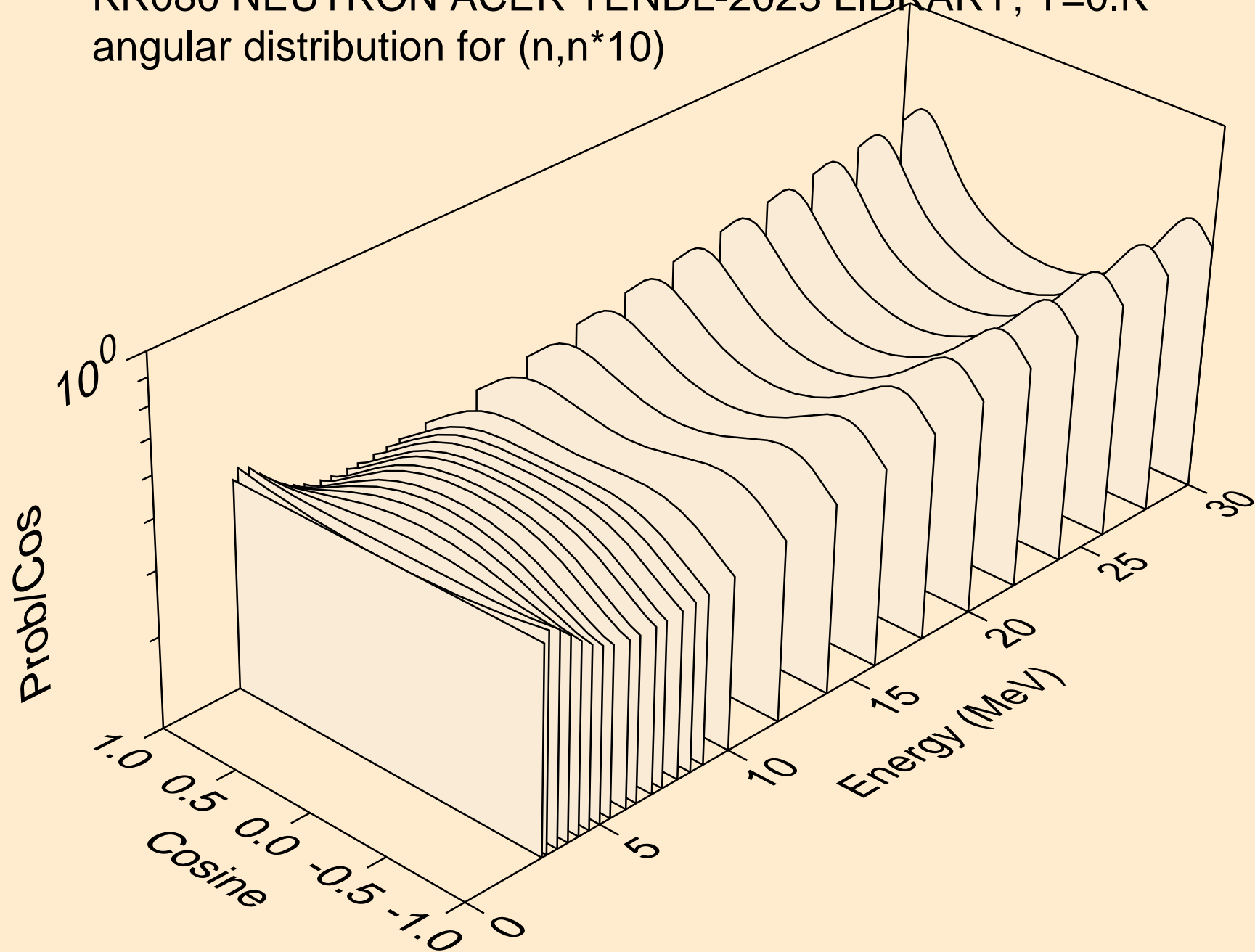
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angular distribution for (n,n\*8)



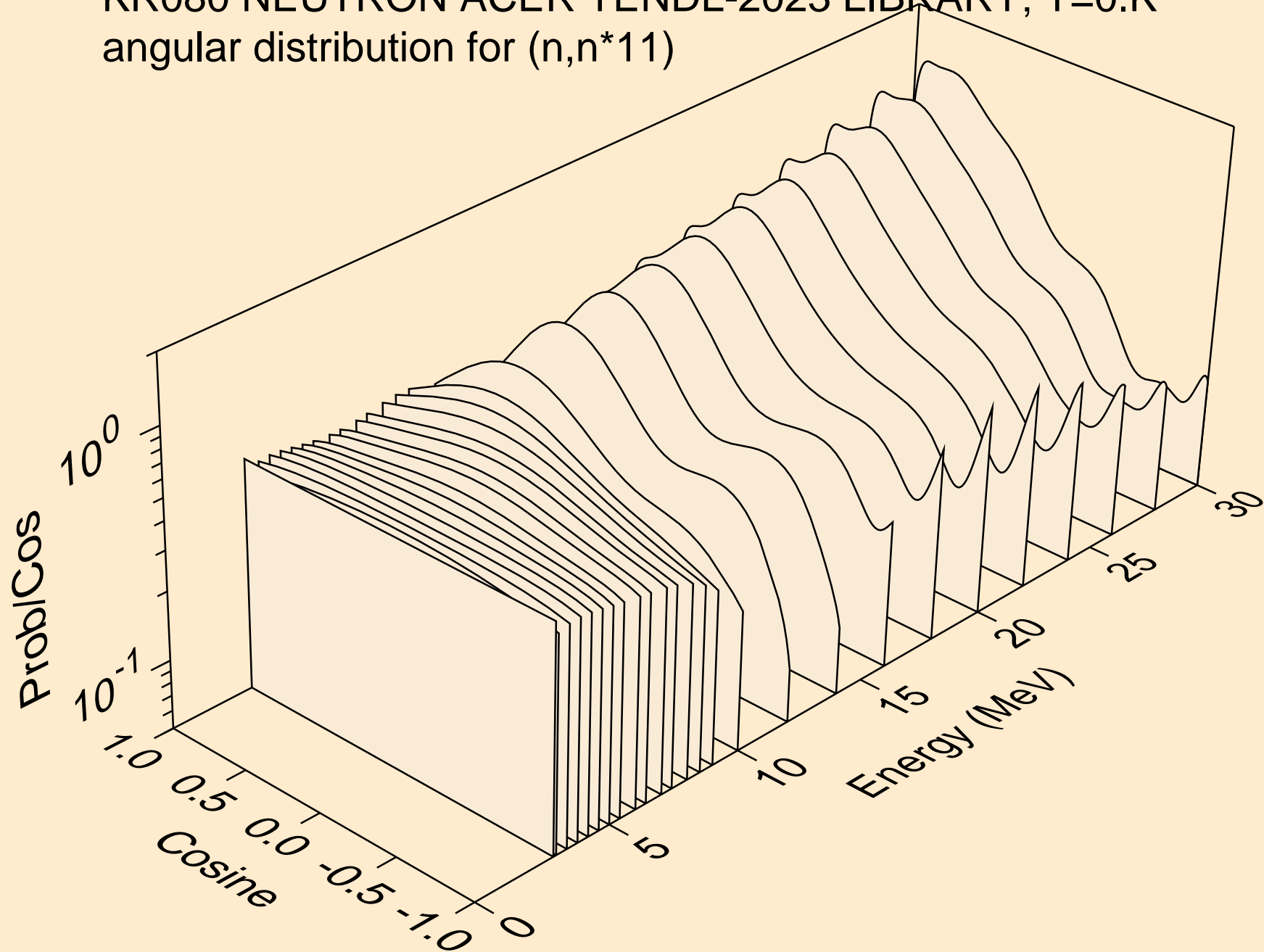
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angular distribution for (n,n\*9)



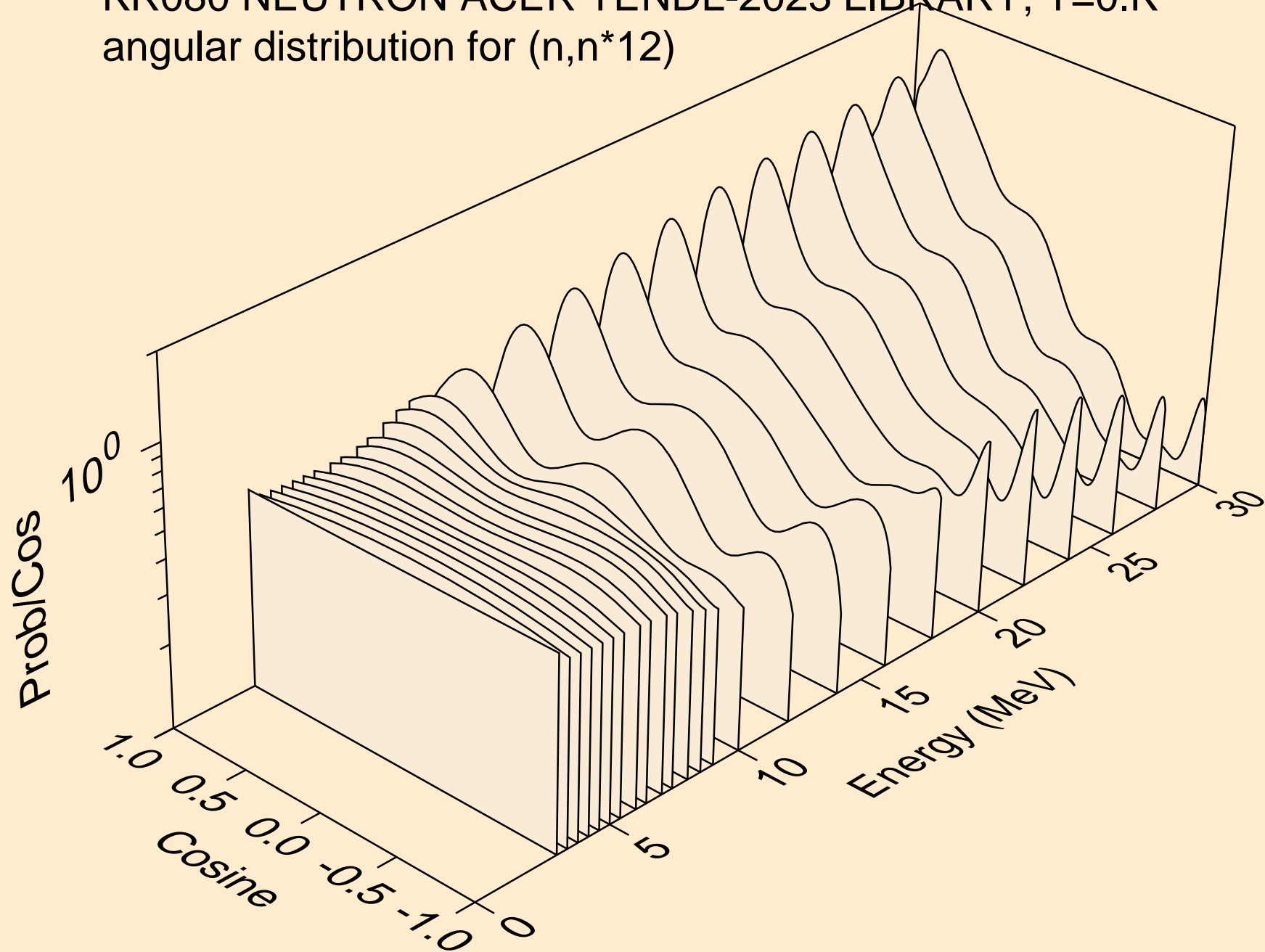
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angular distribution for (n,n\*10)



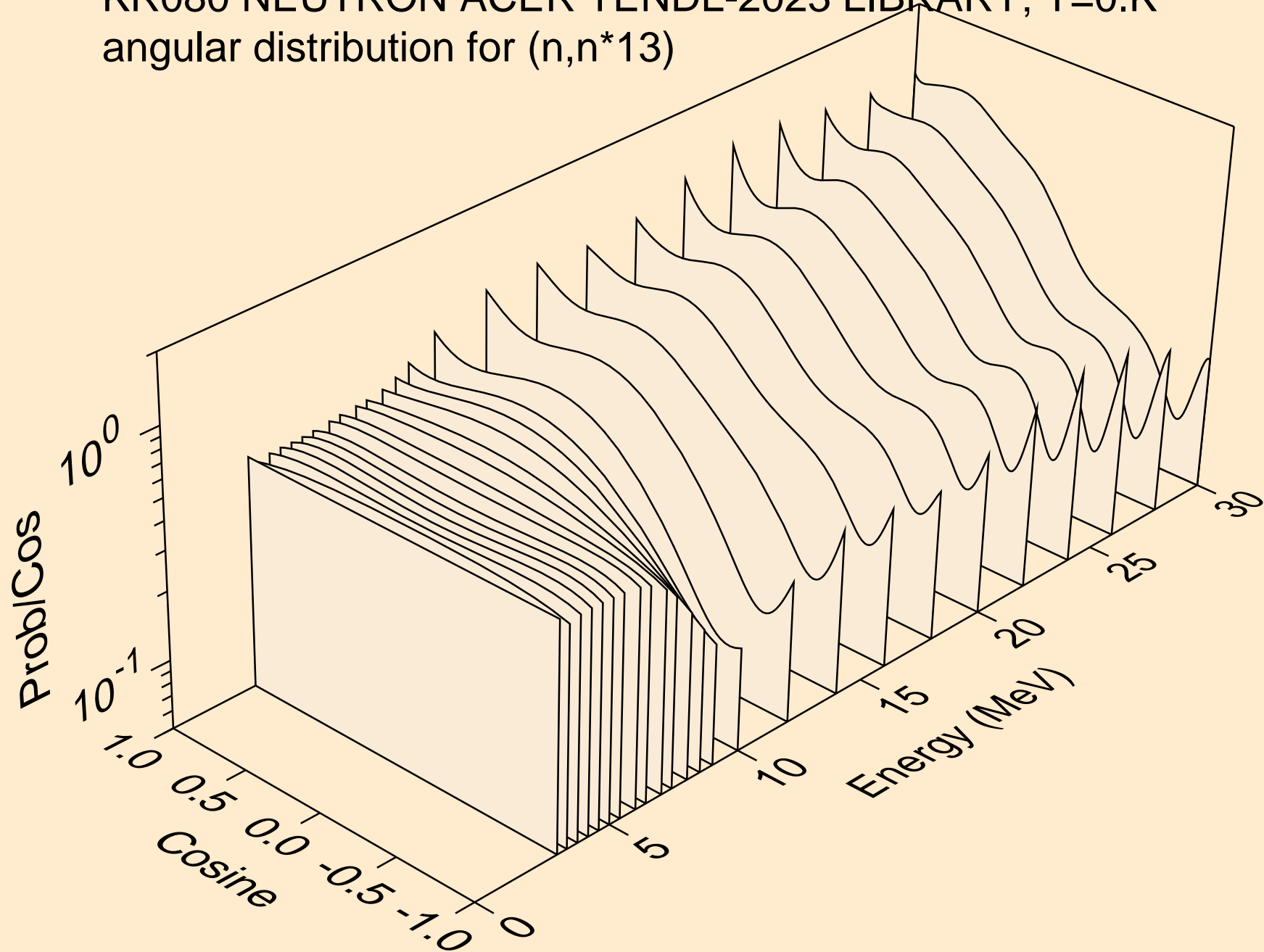
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

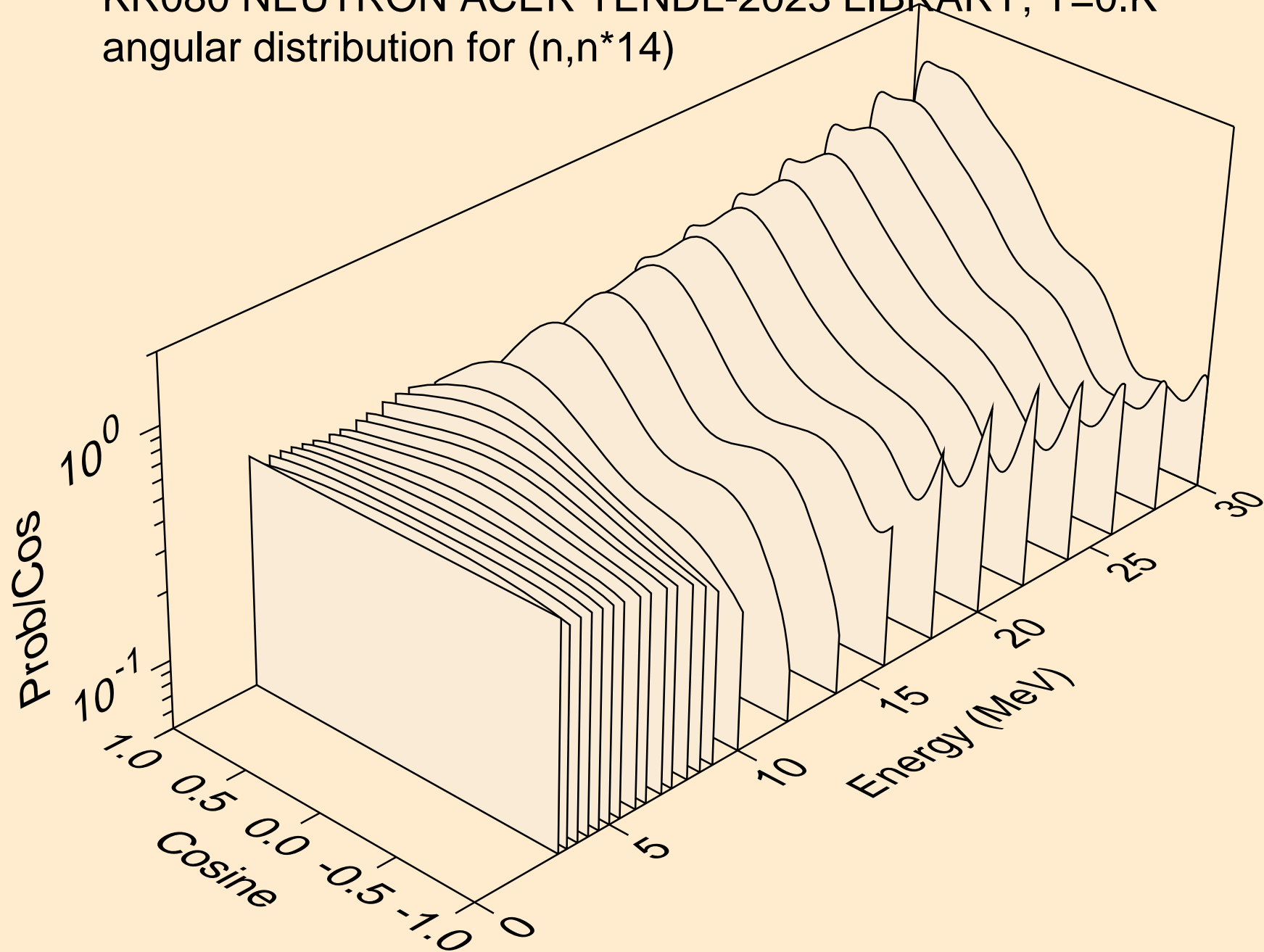


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angular distribution for (n,n\*13)

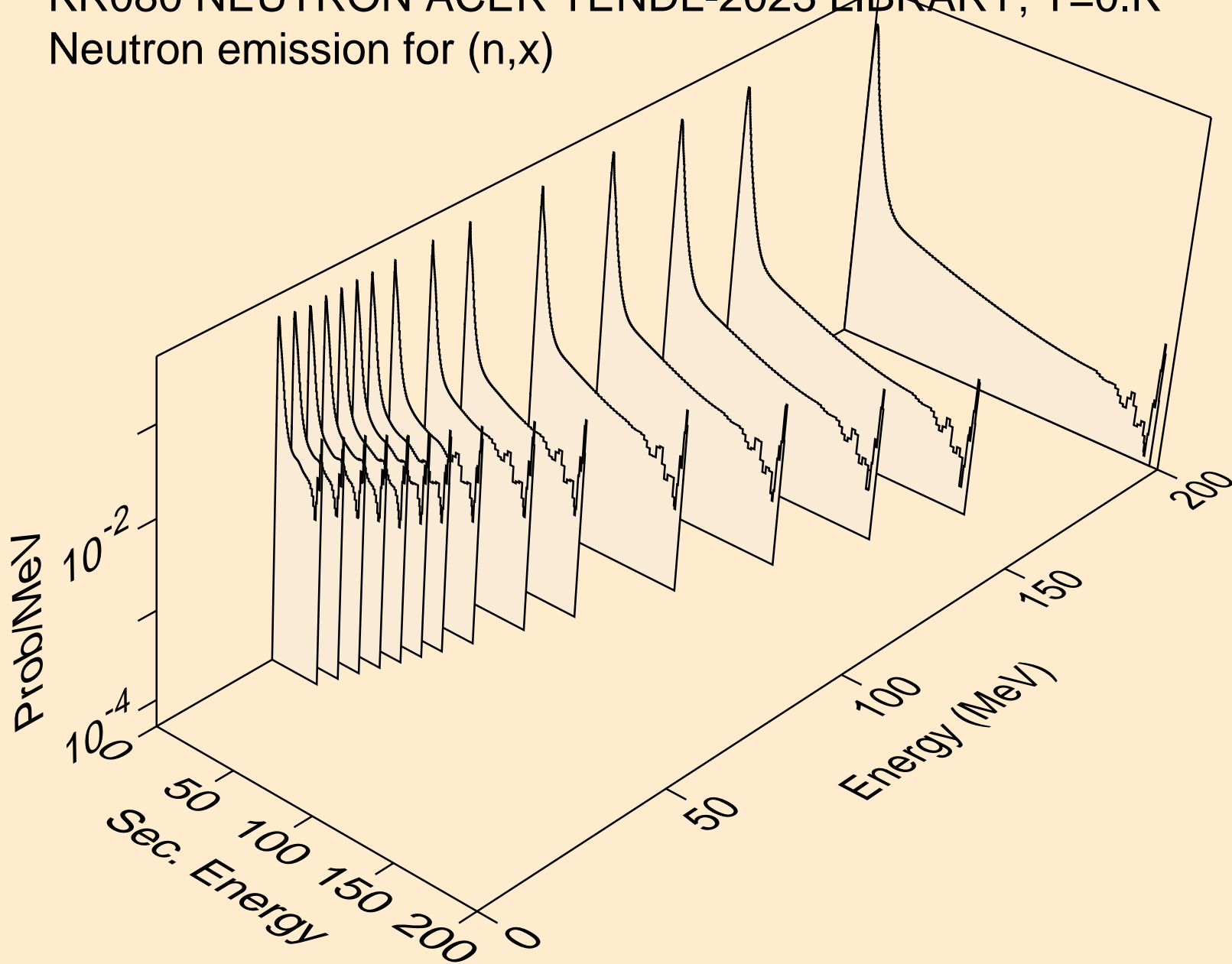




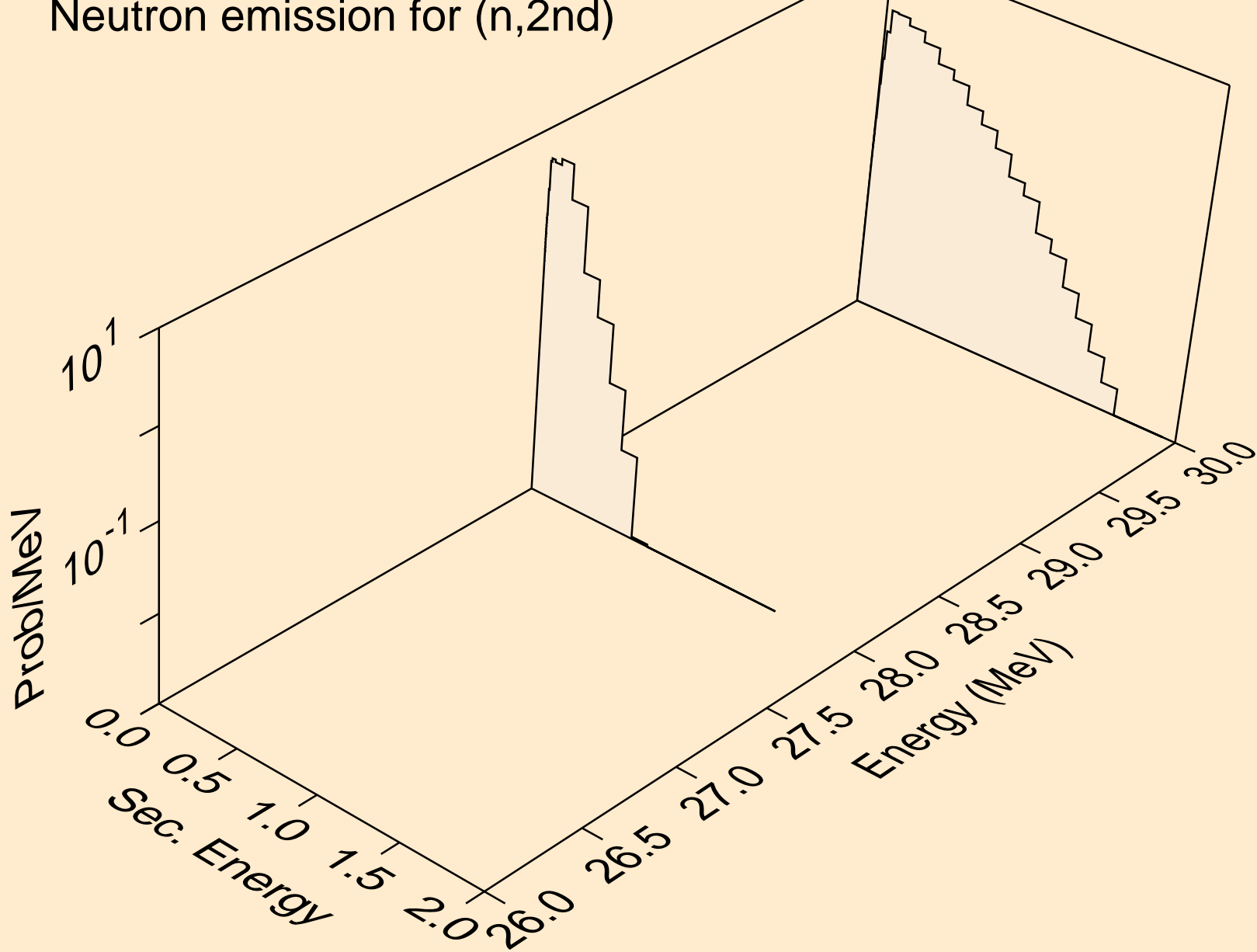
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angular distribution for (n,n\*14)



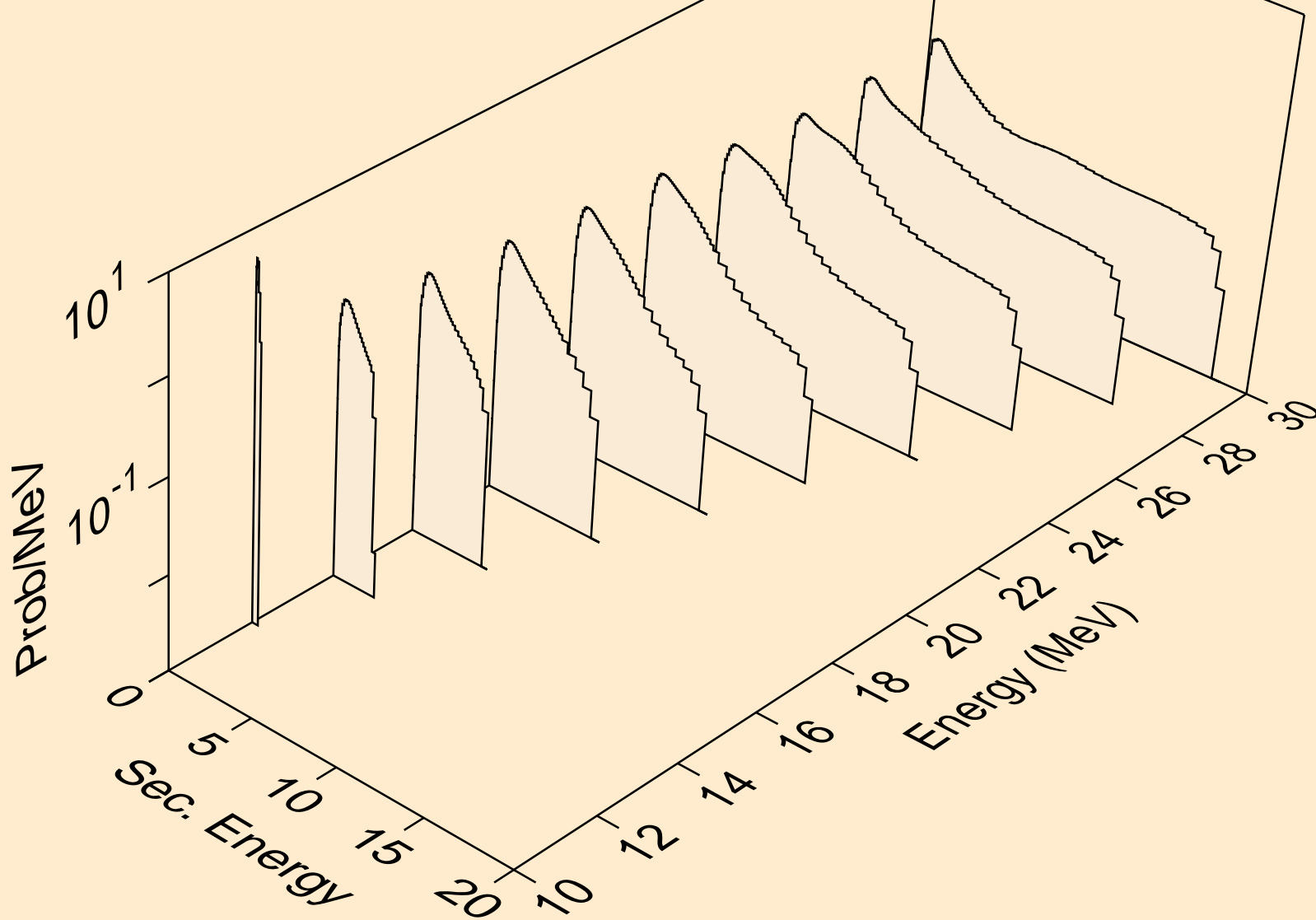
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



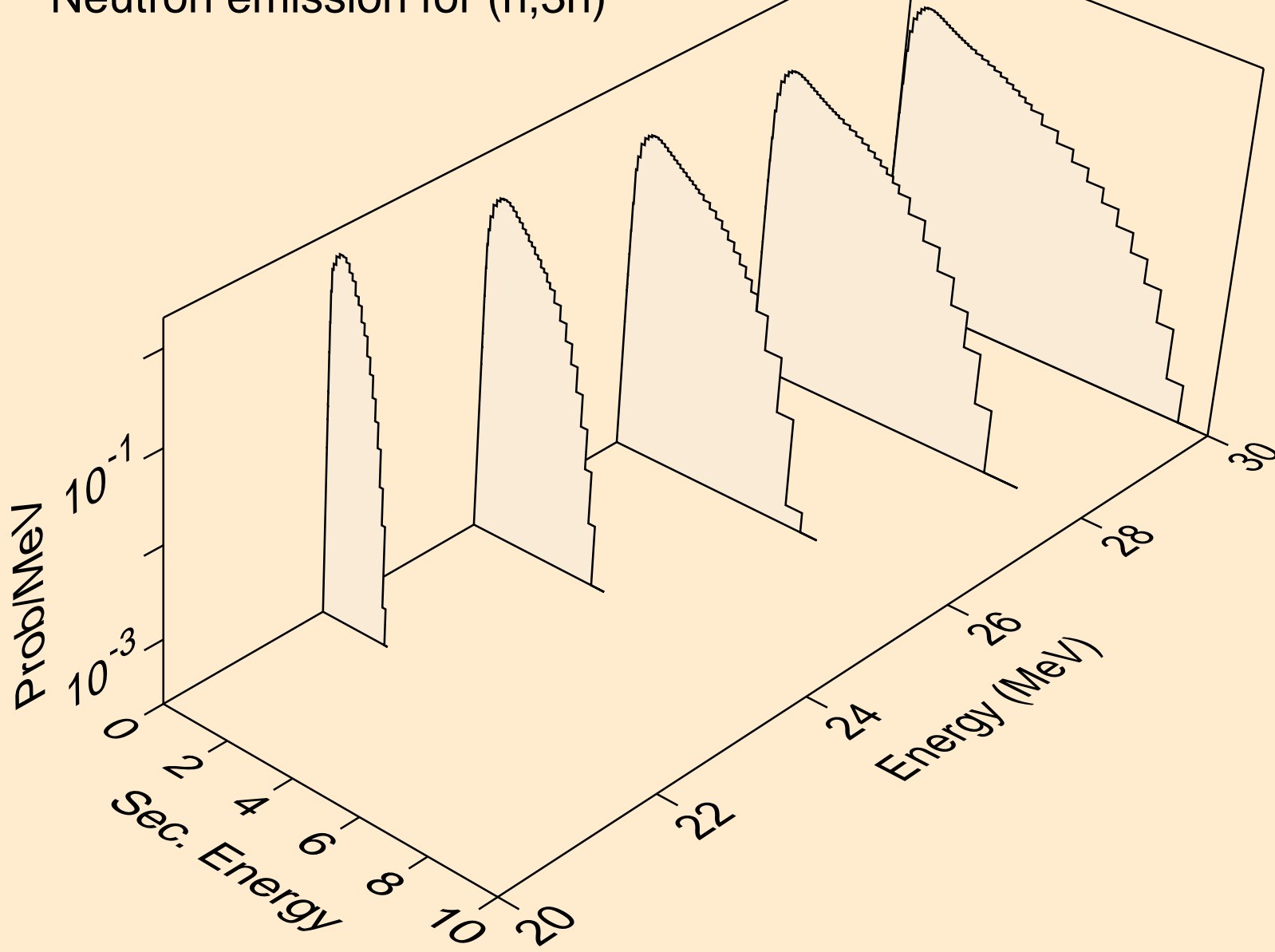
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



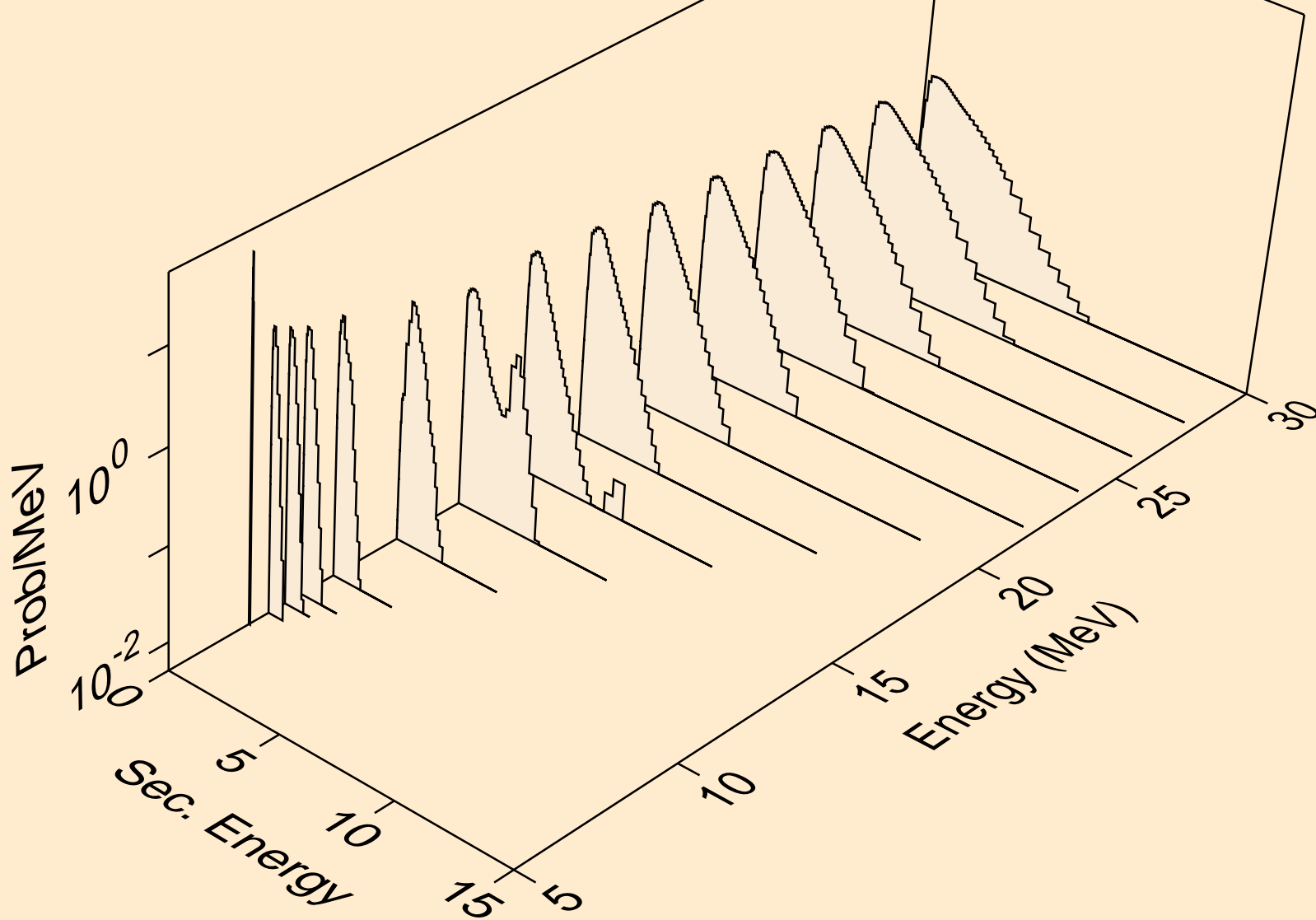
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



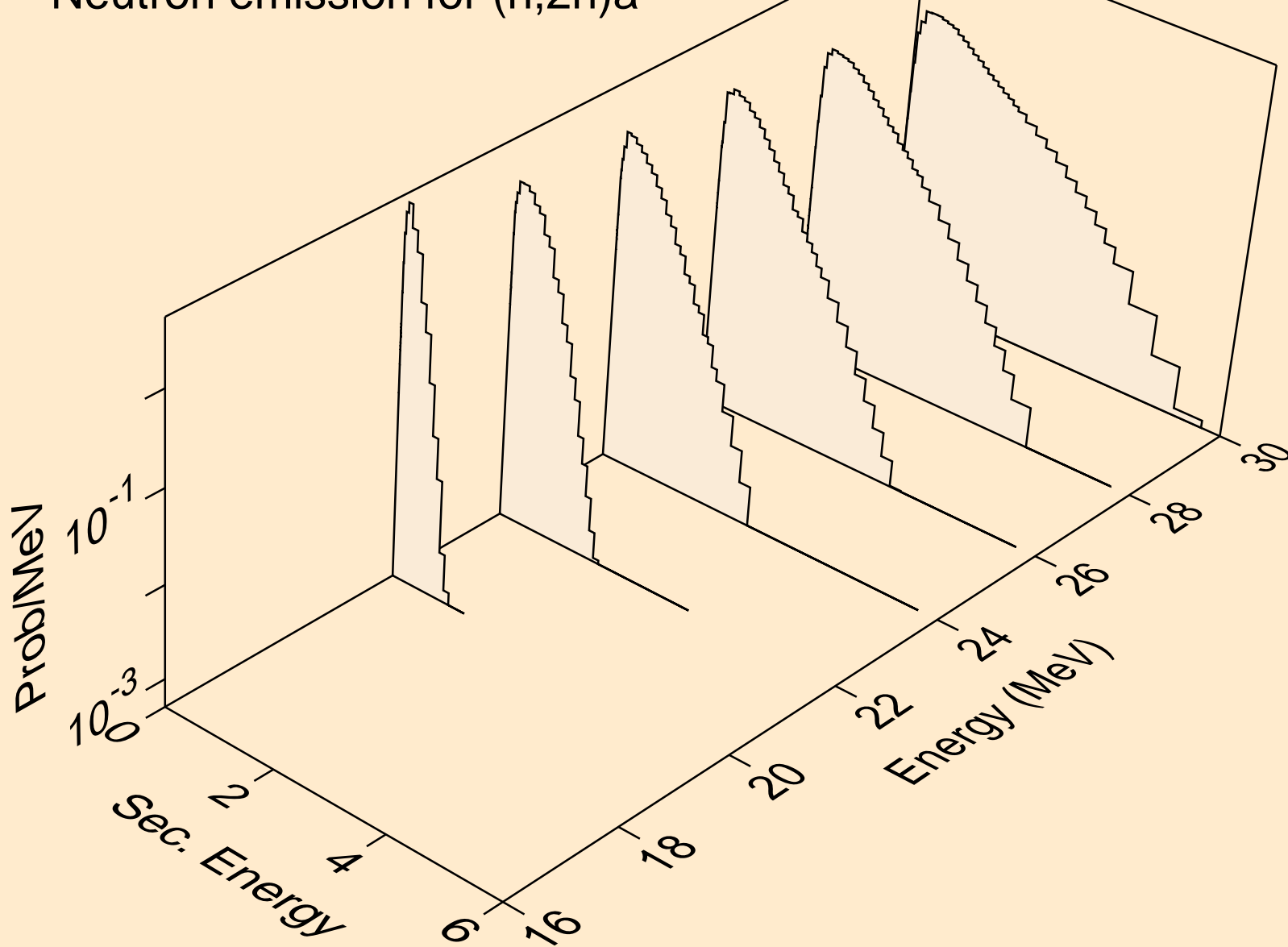
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



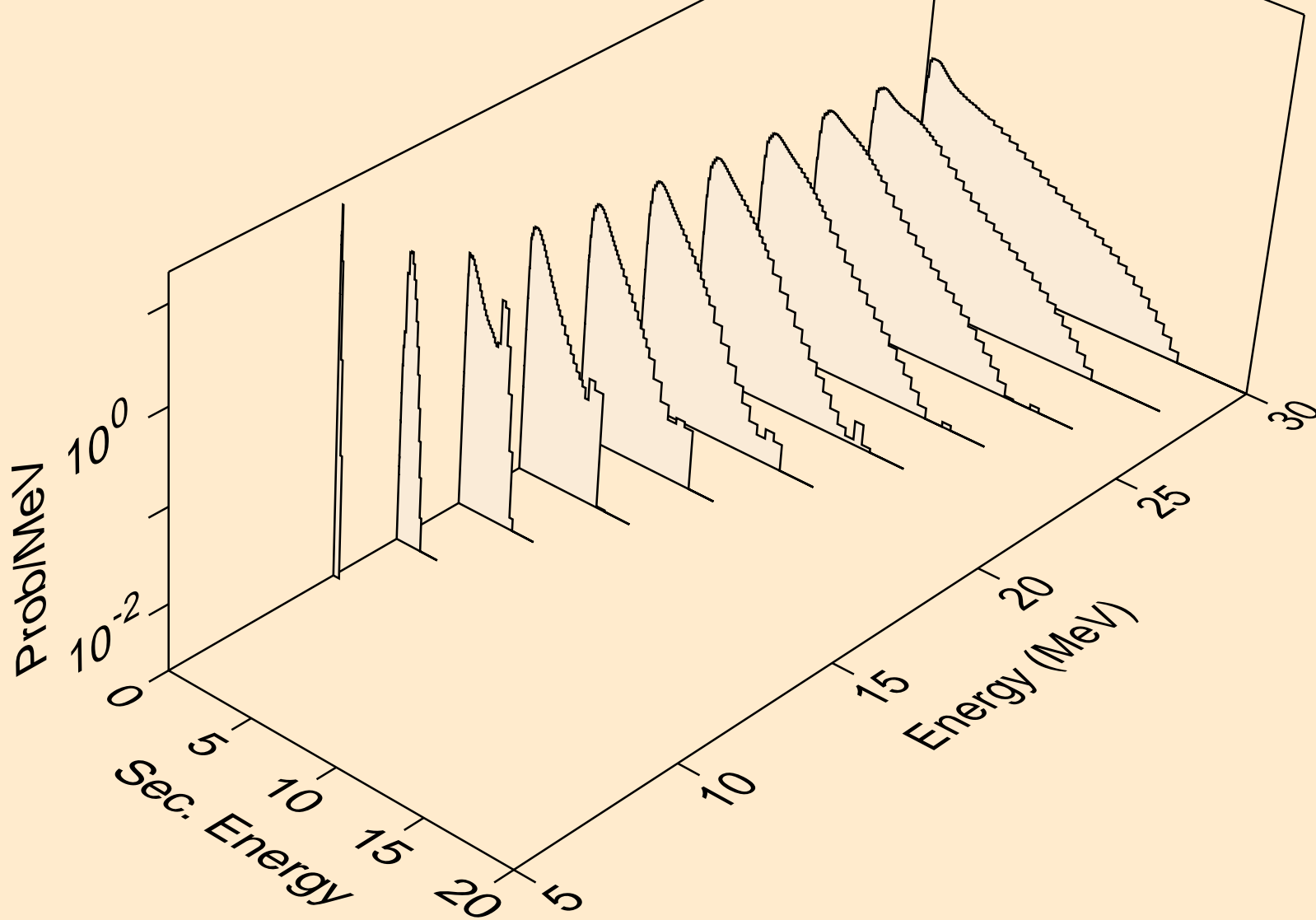
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

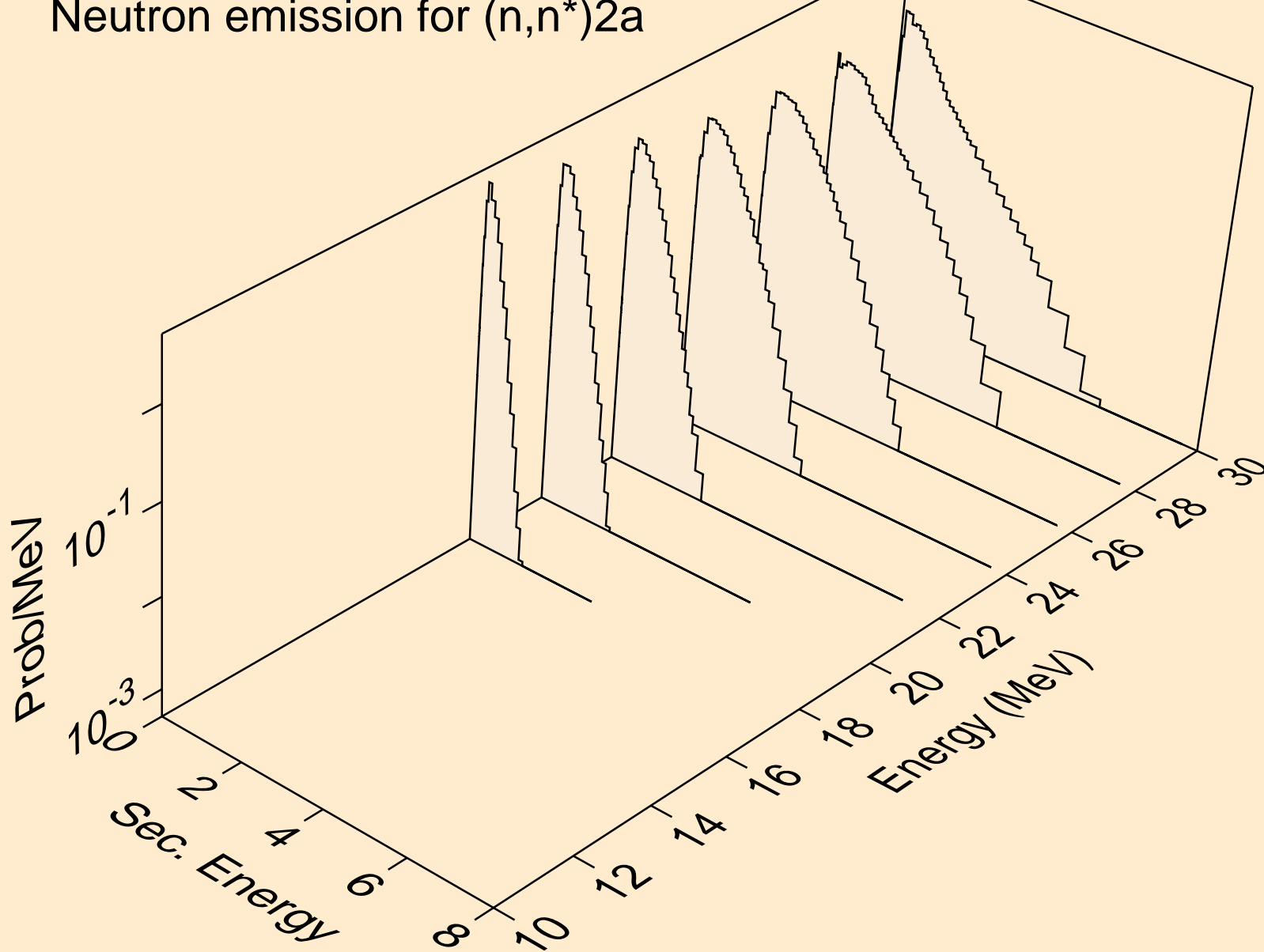


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

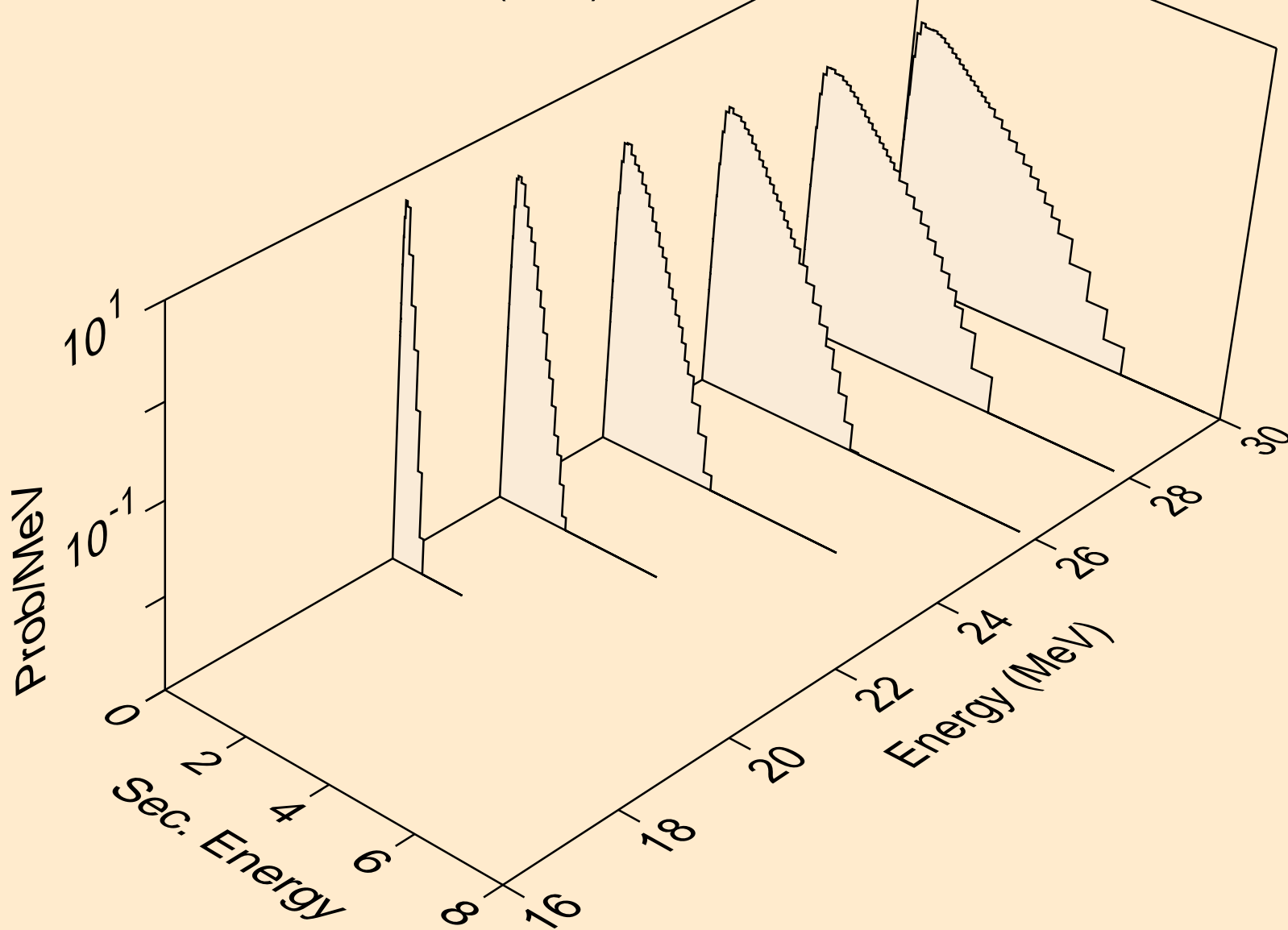




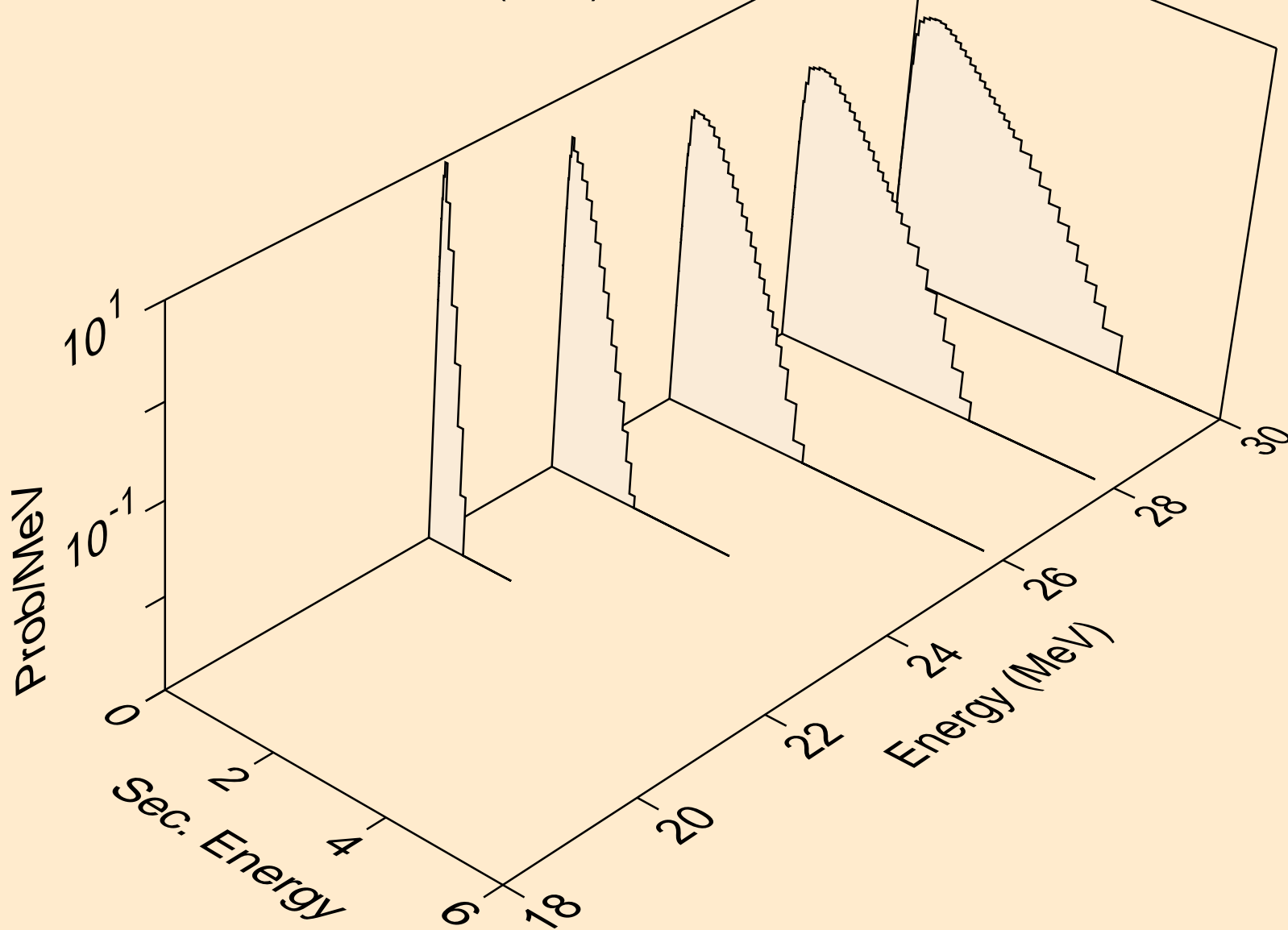
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



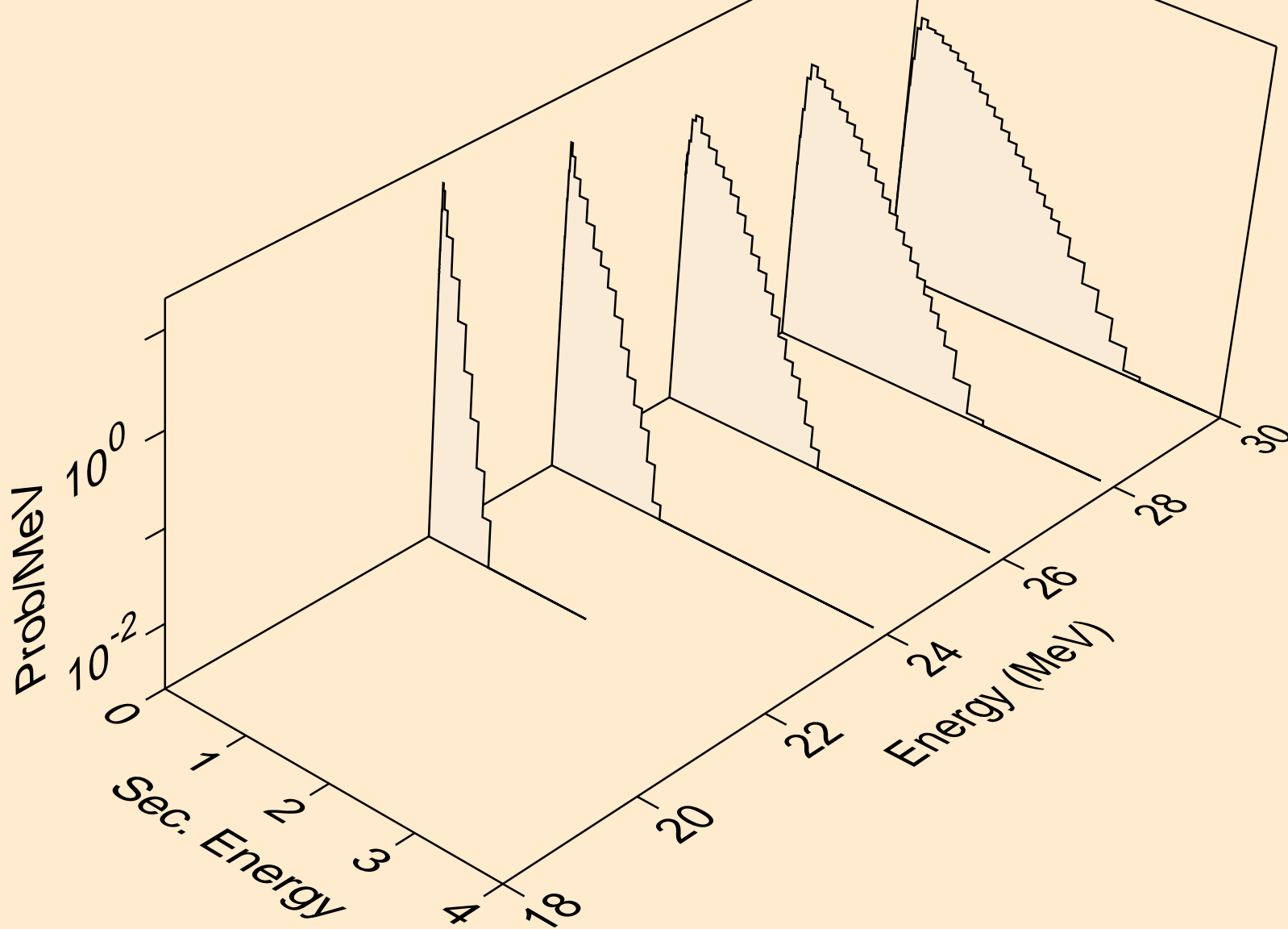
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



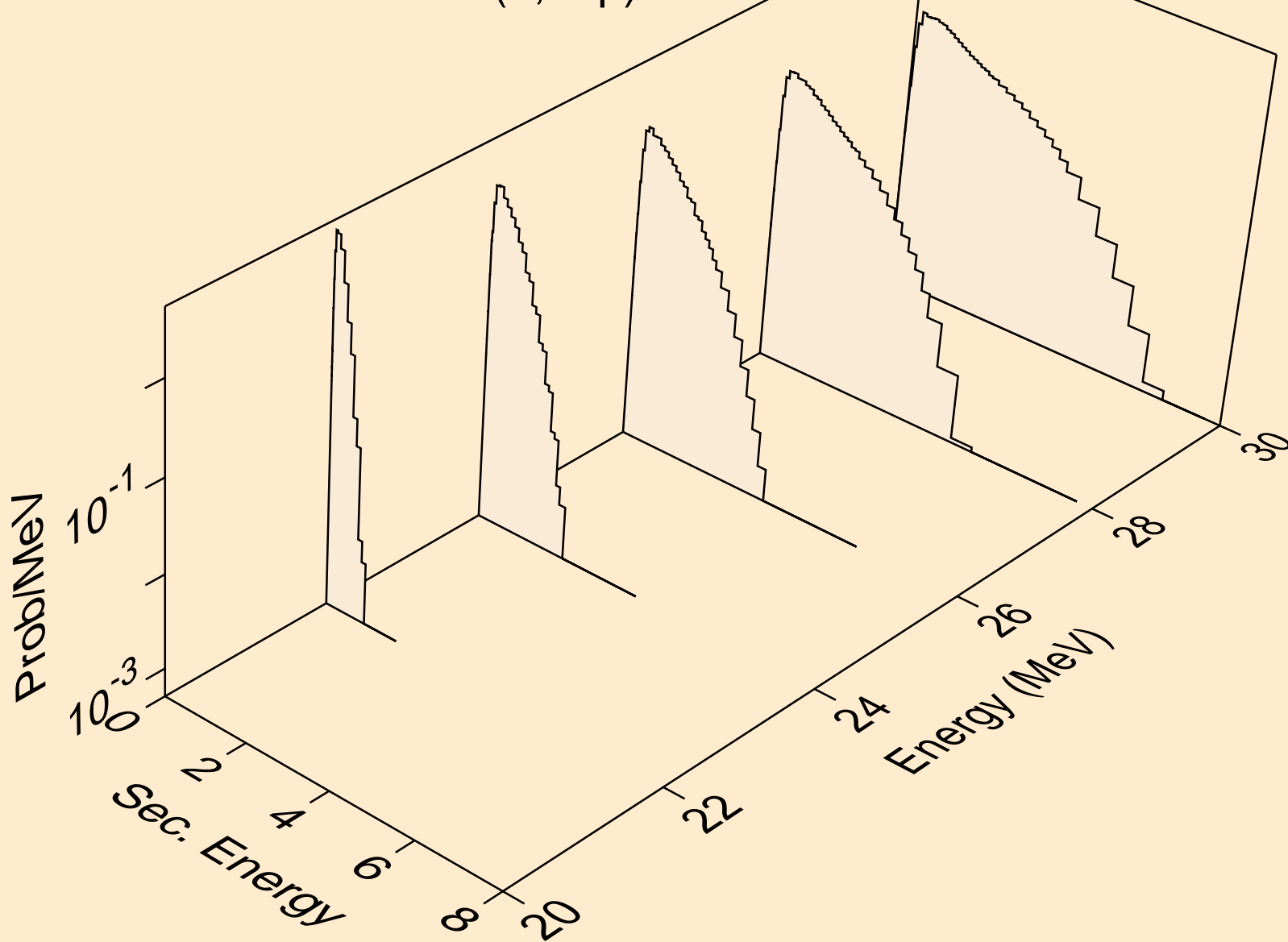
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



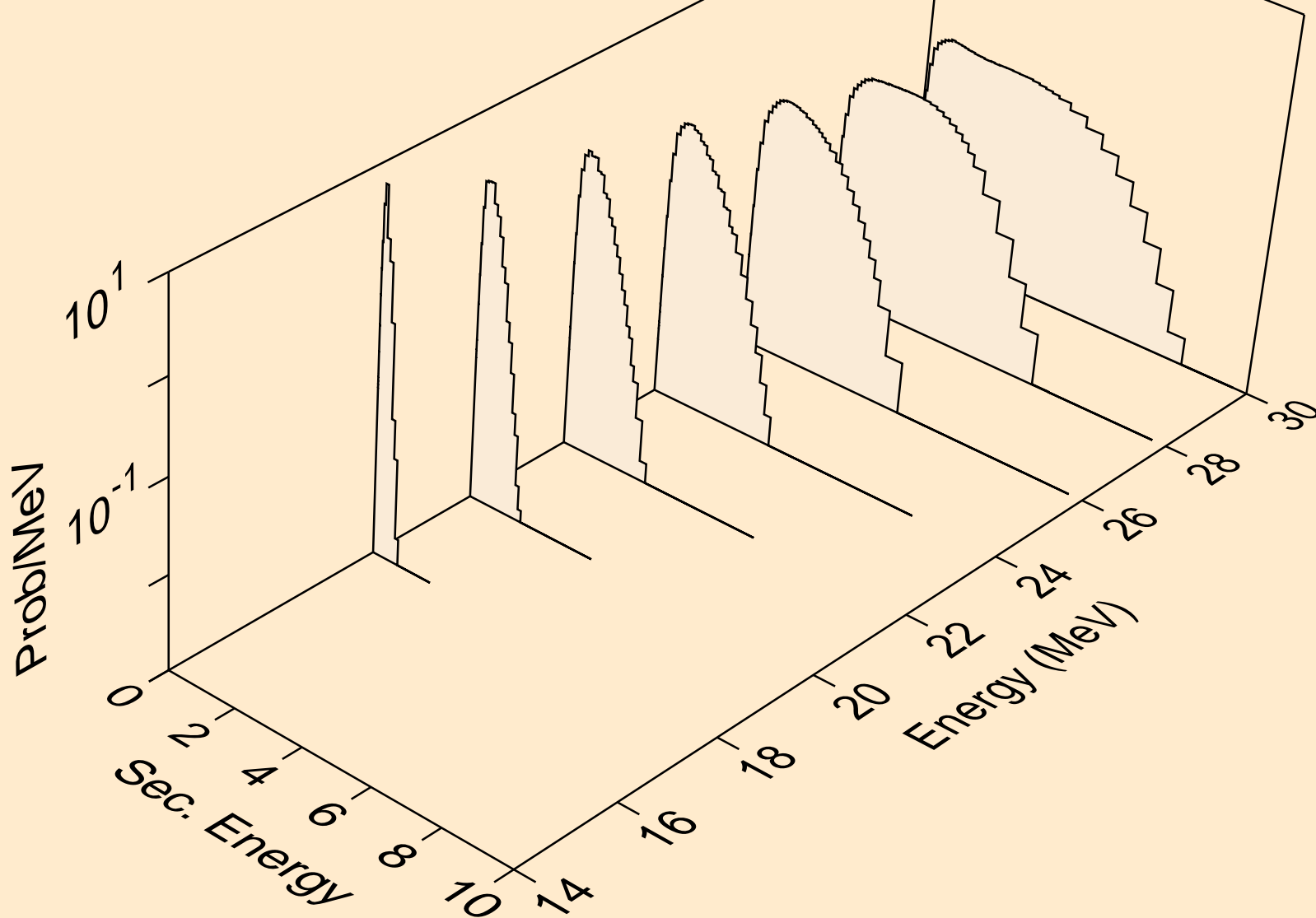
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



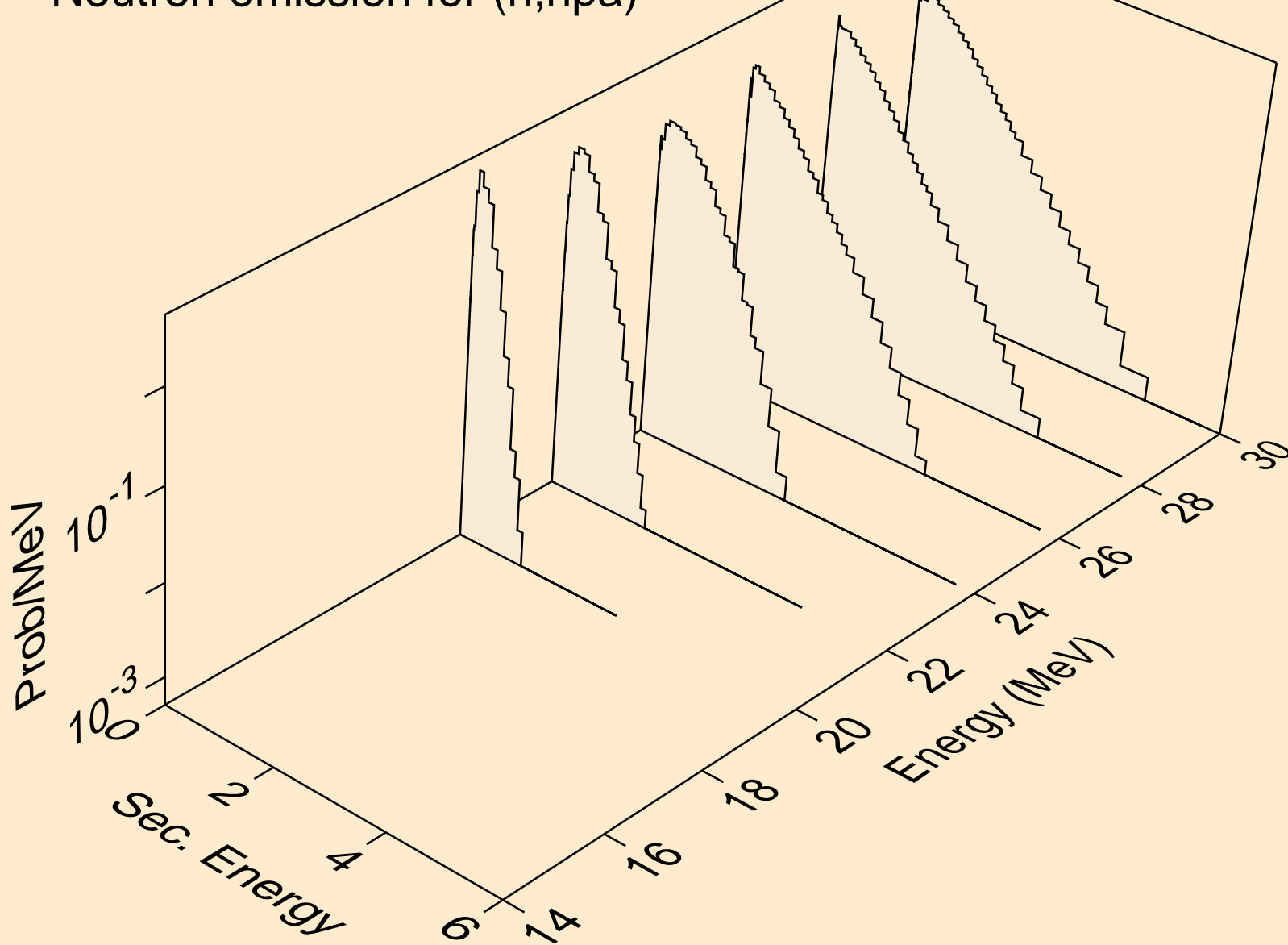
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



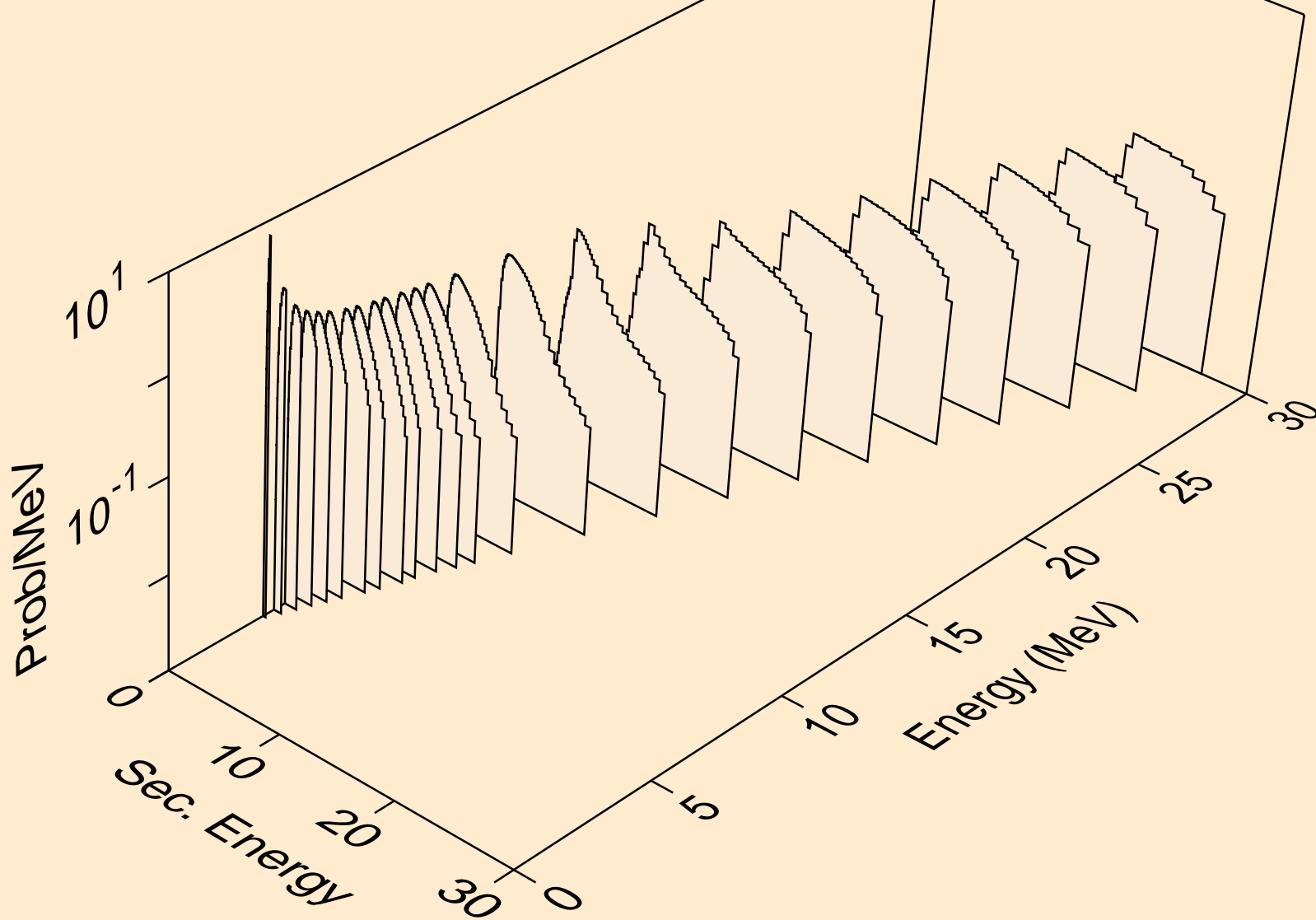
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

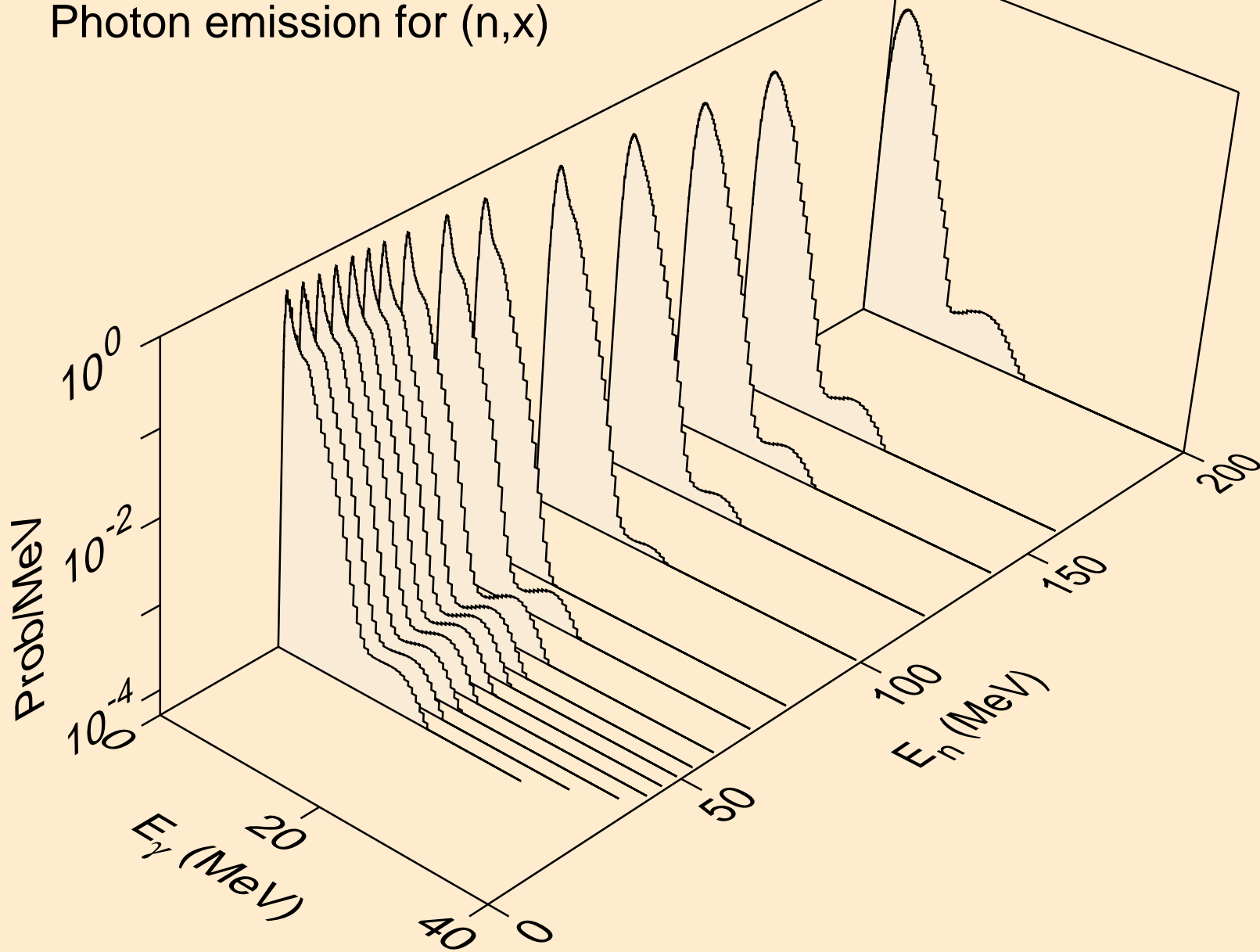


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

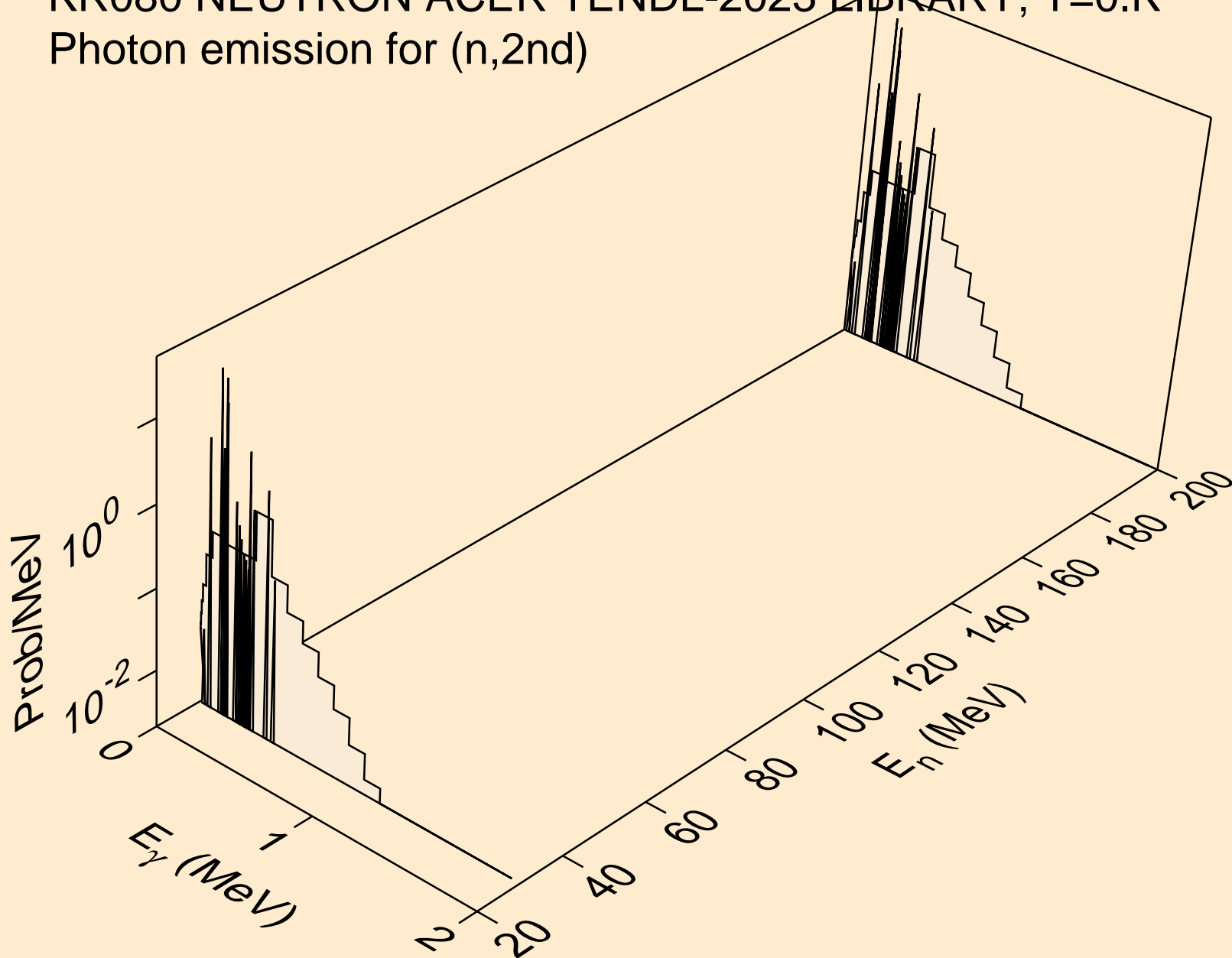




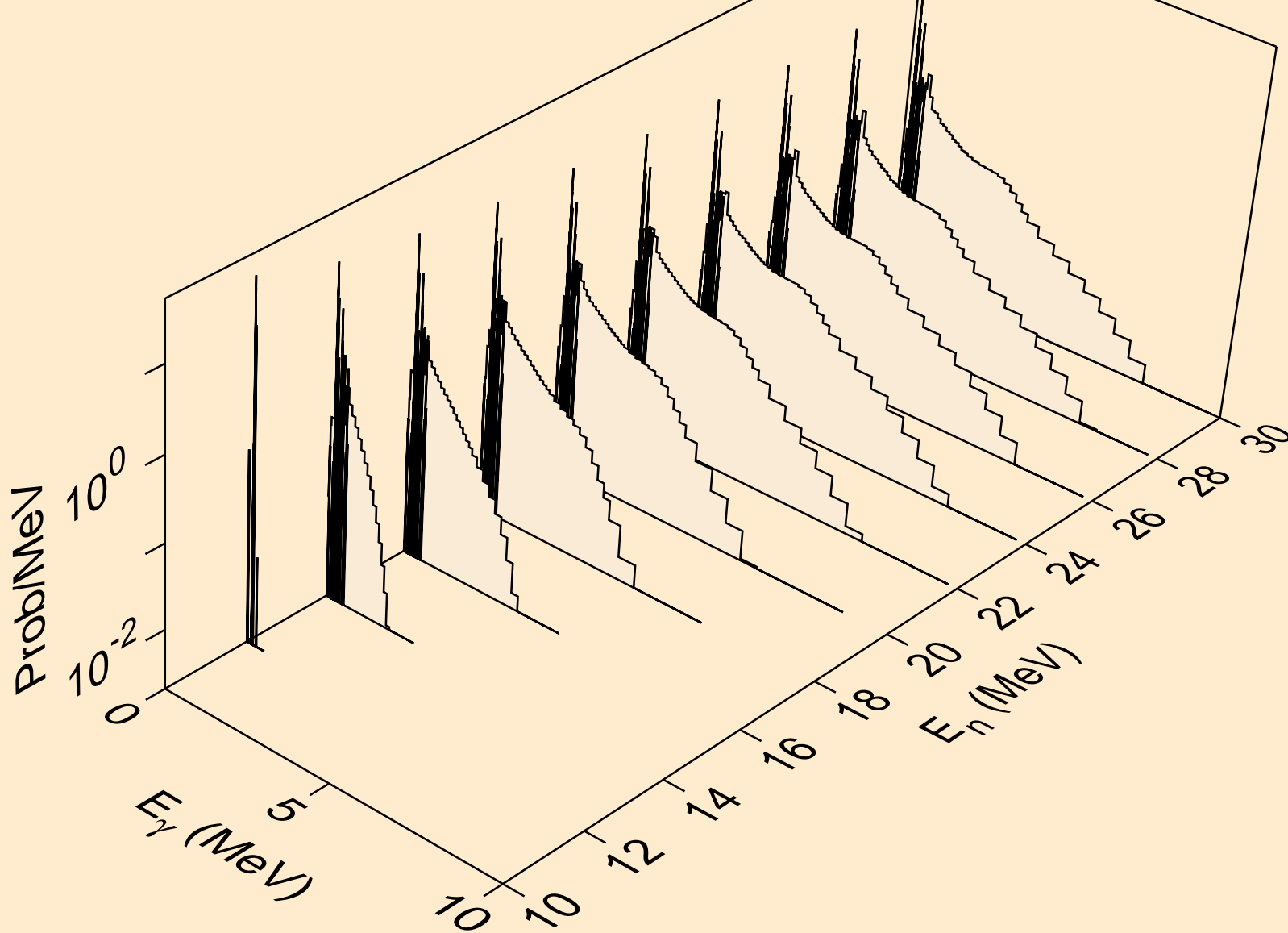
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



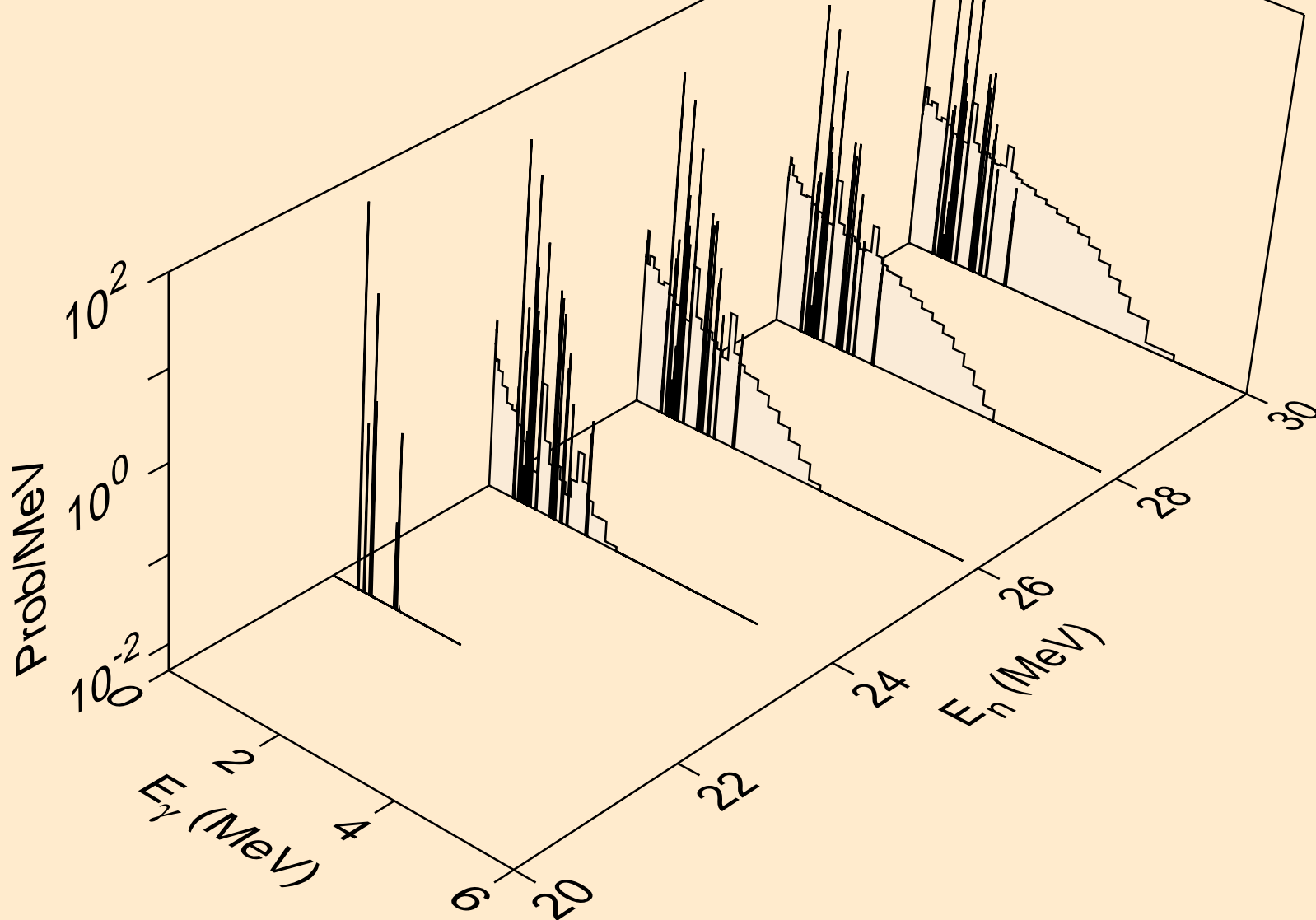
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



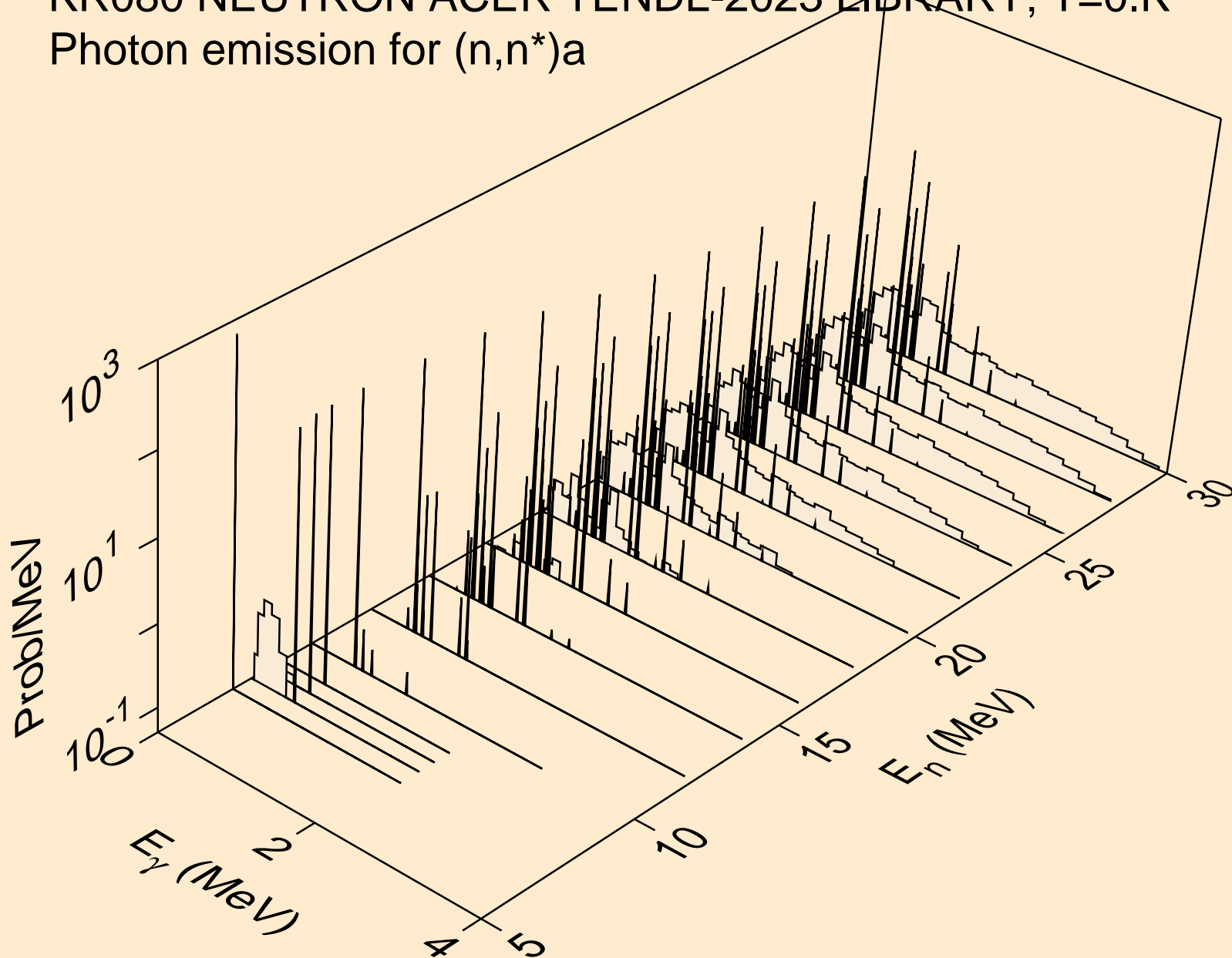
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



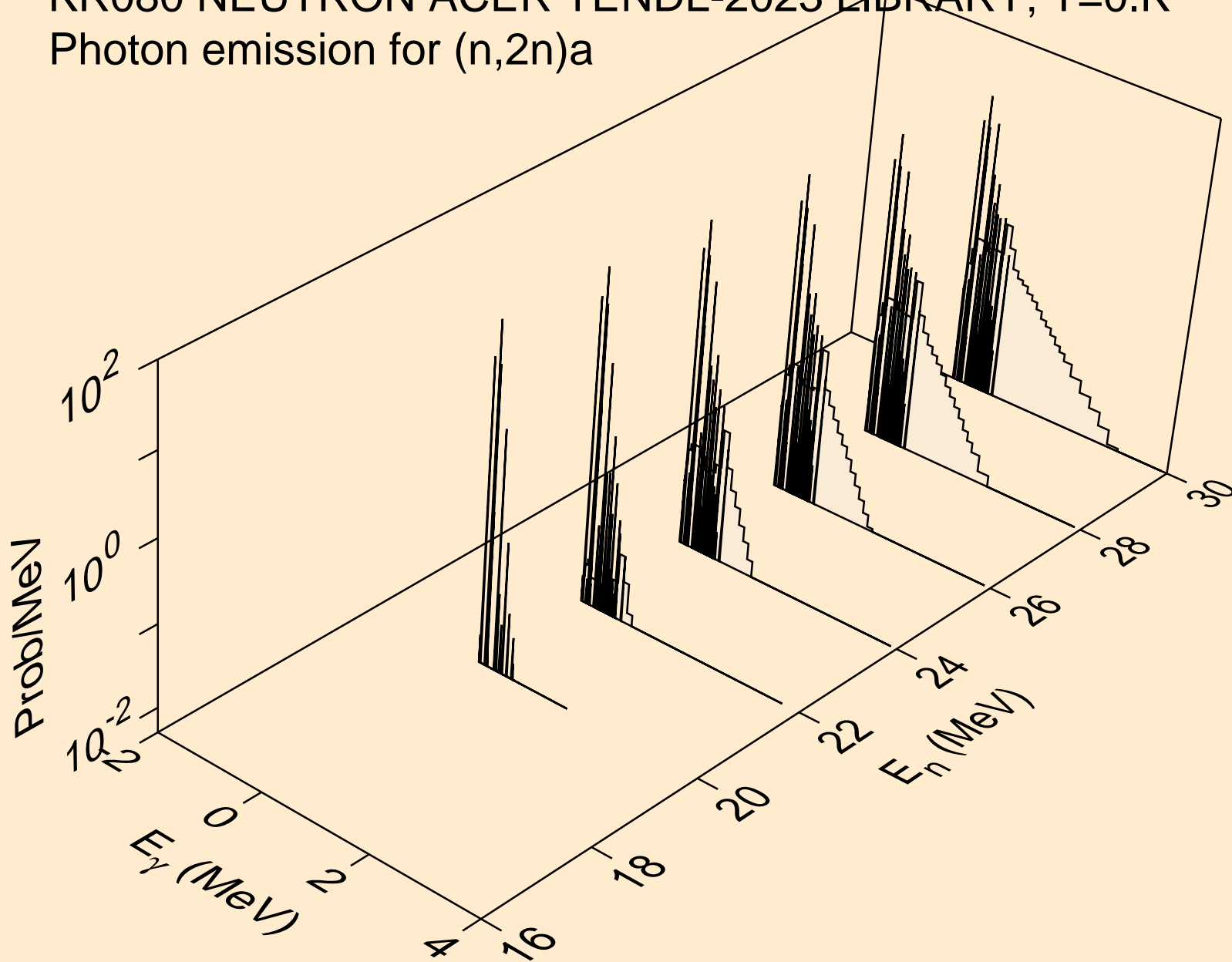
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



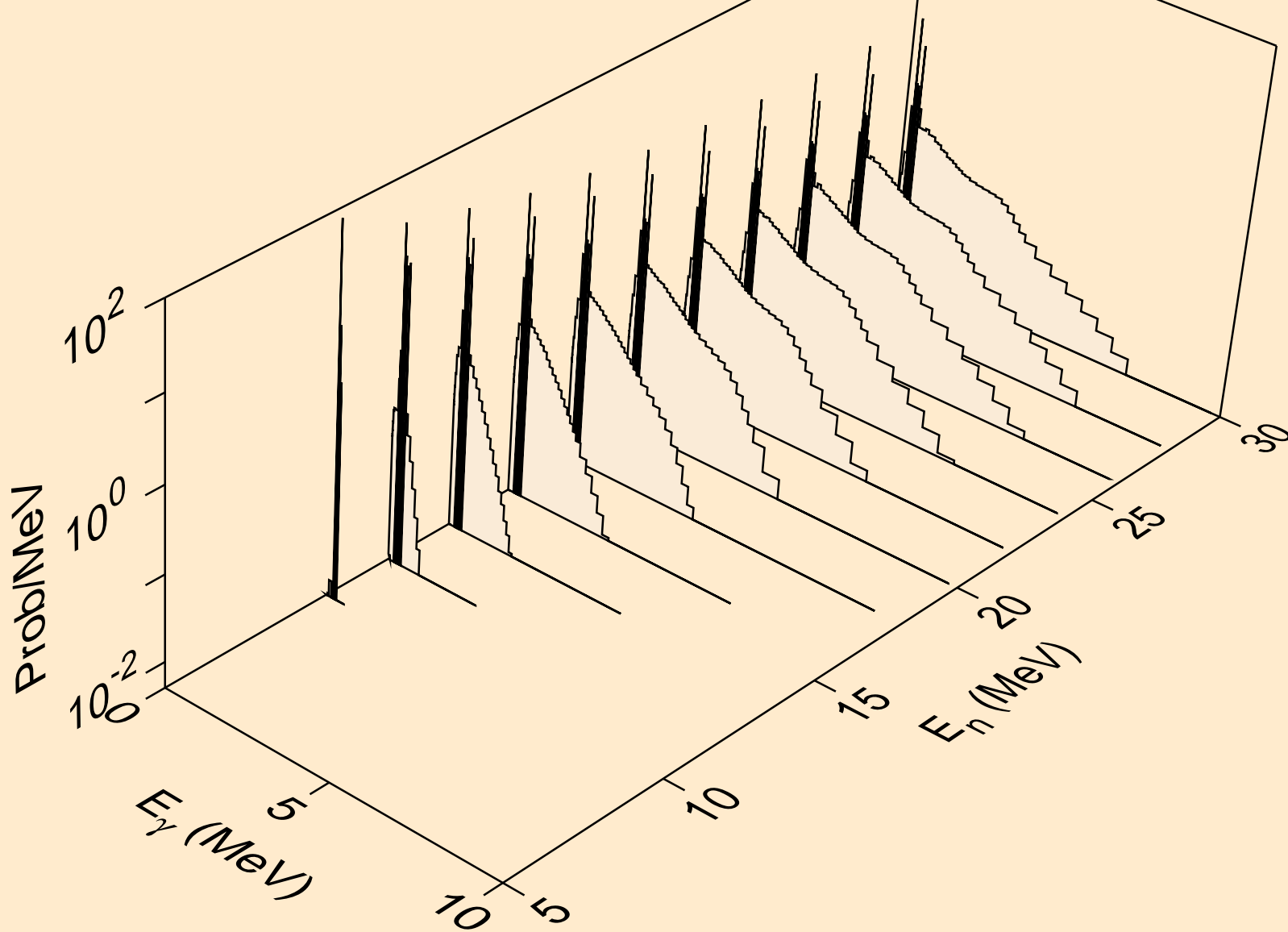
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



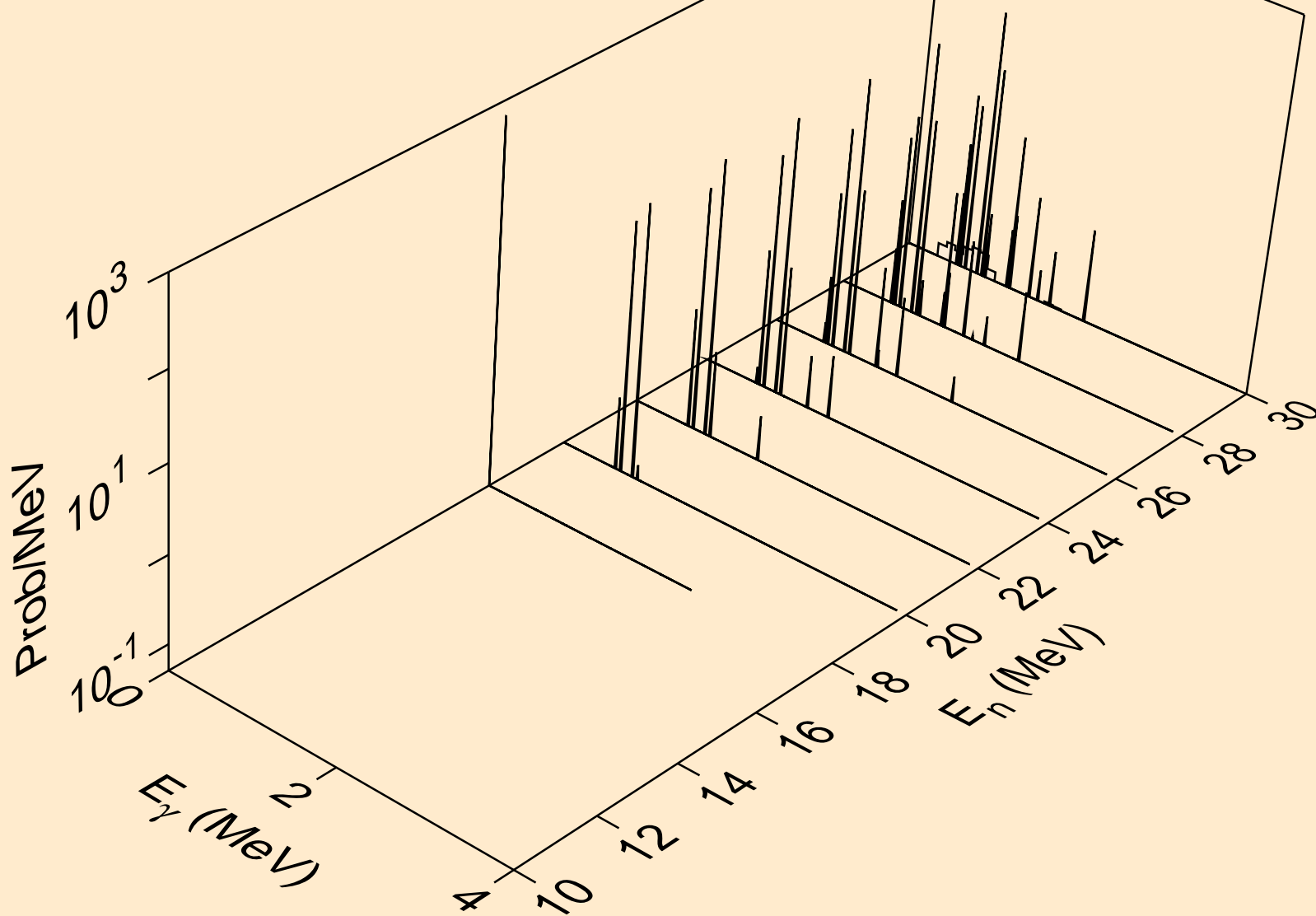
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

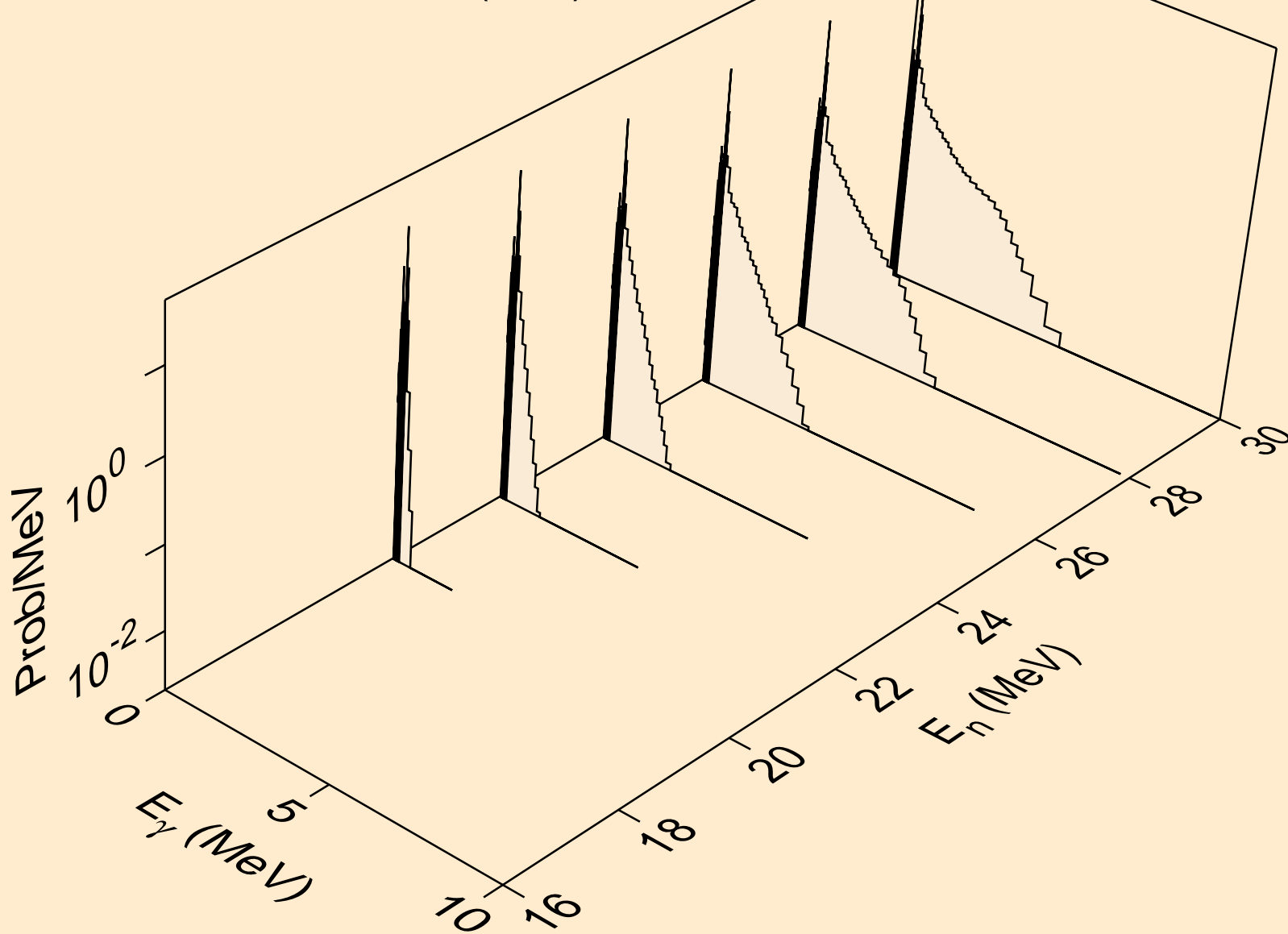


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

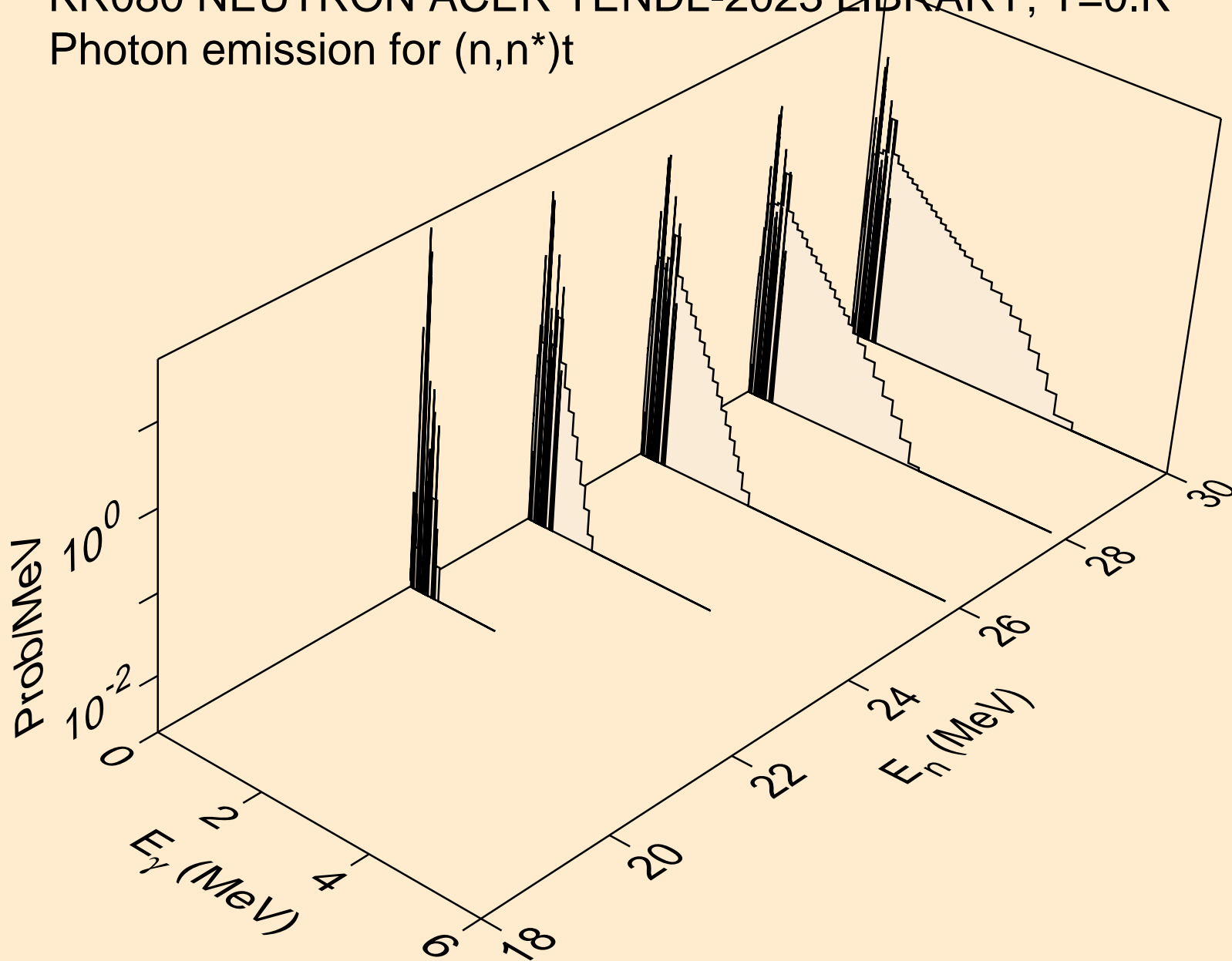




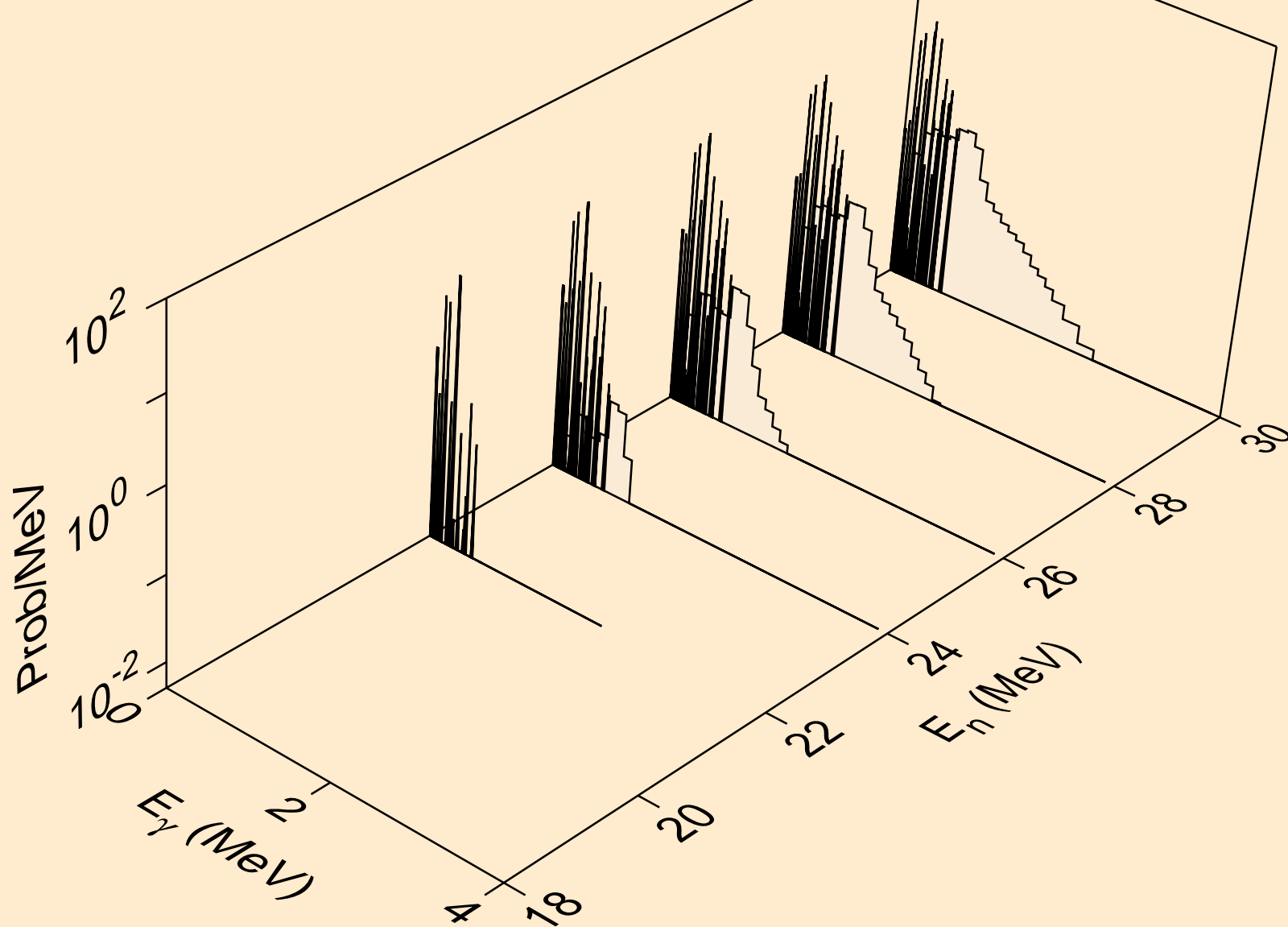
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



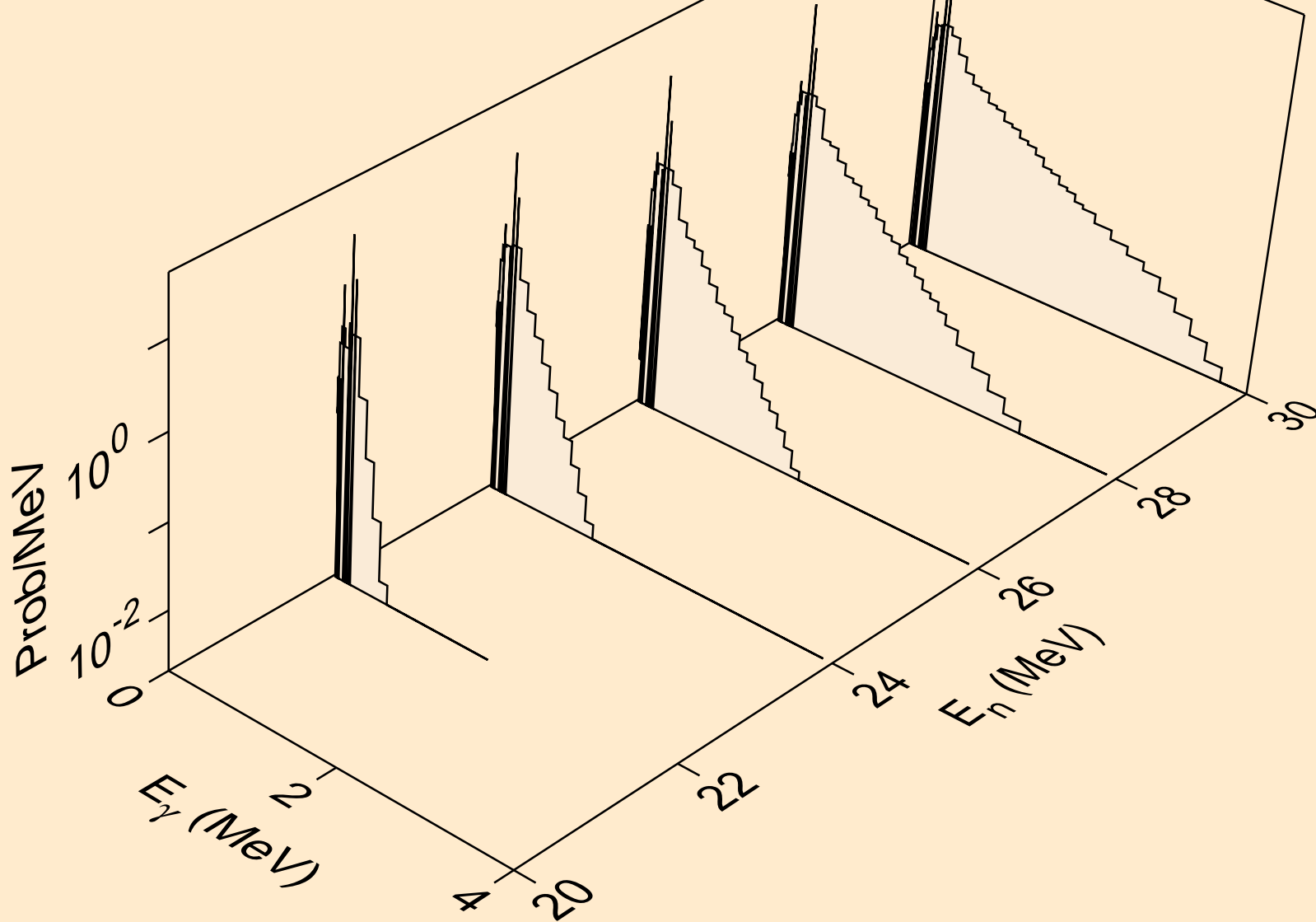
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



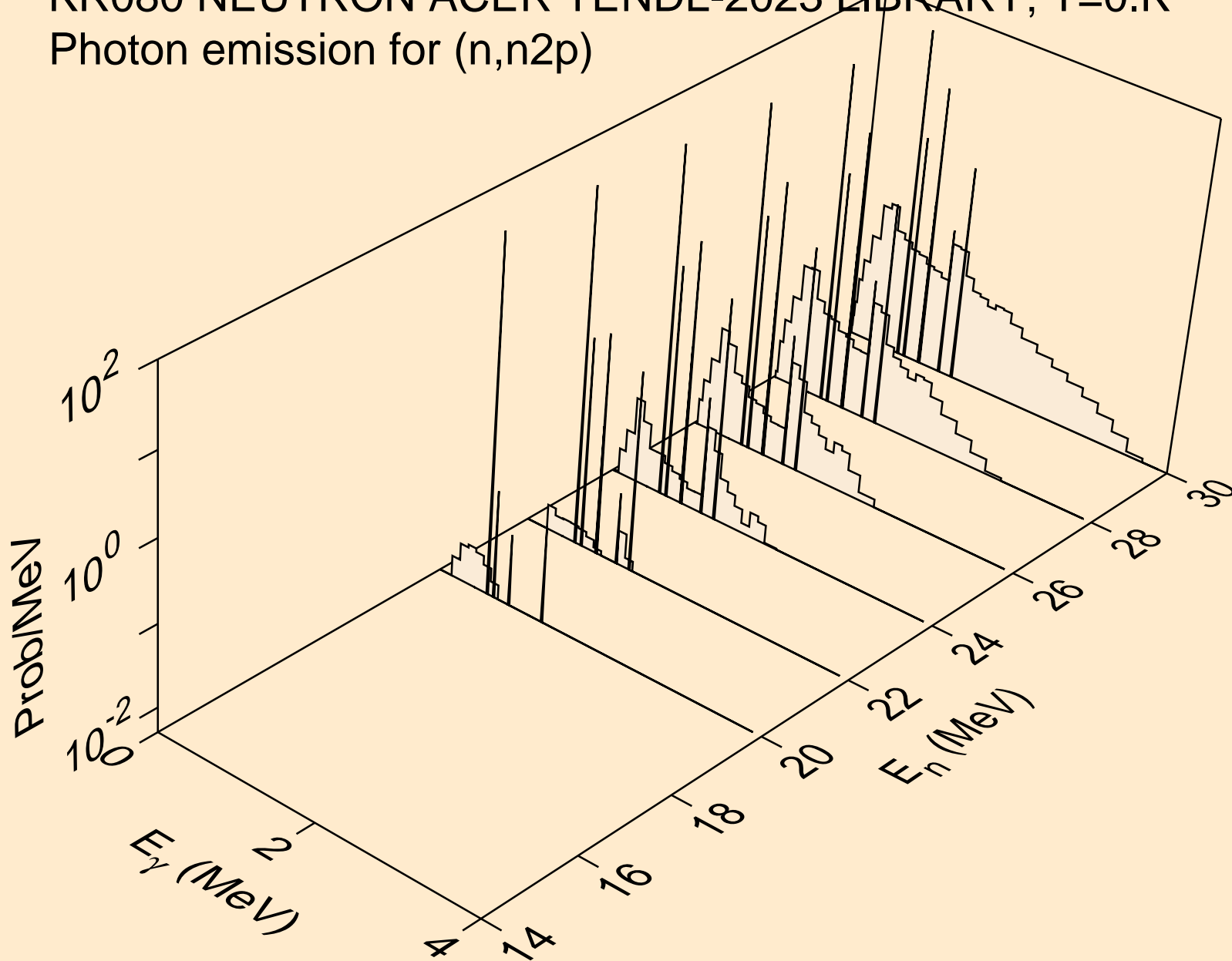
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



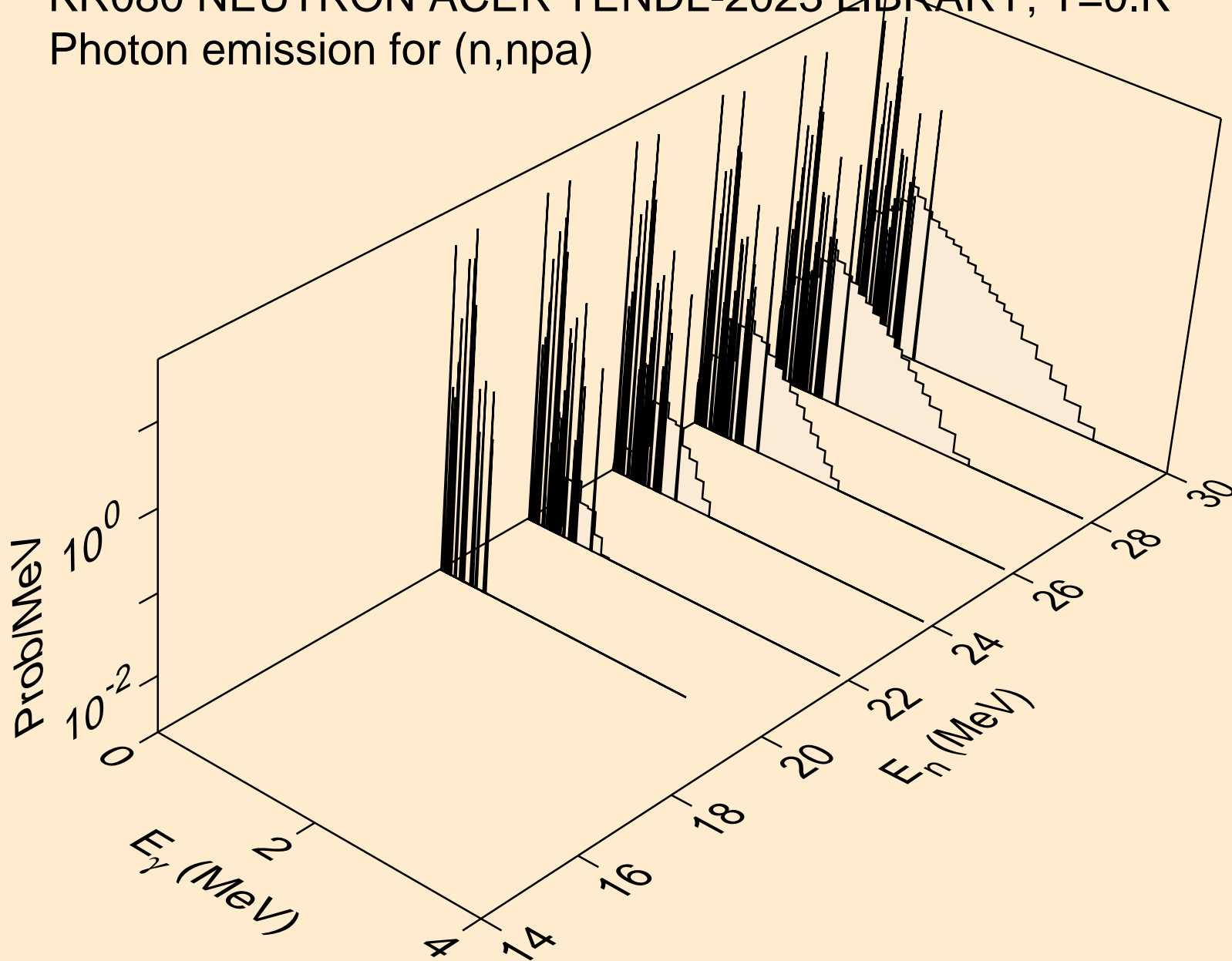
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



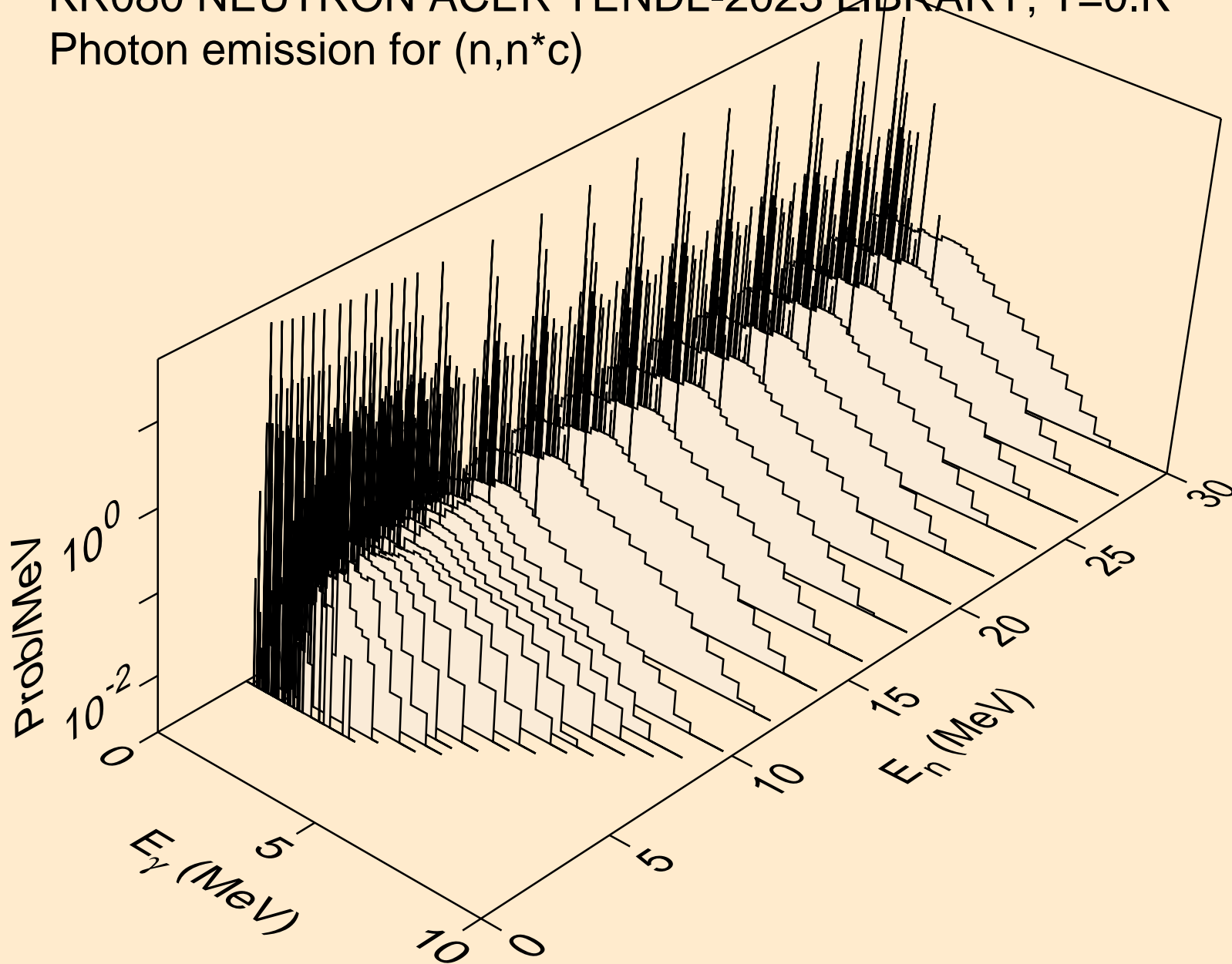
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



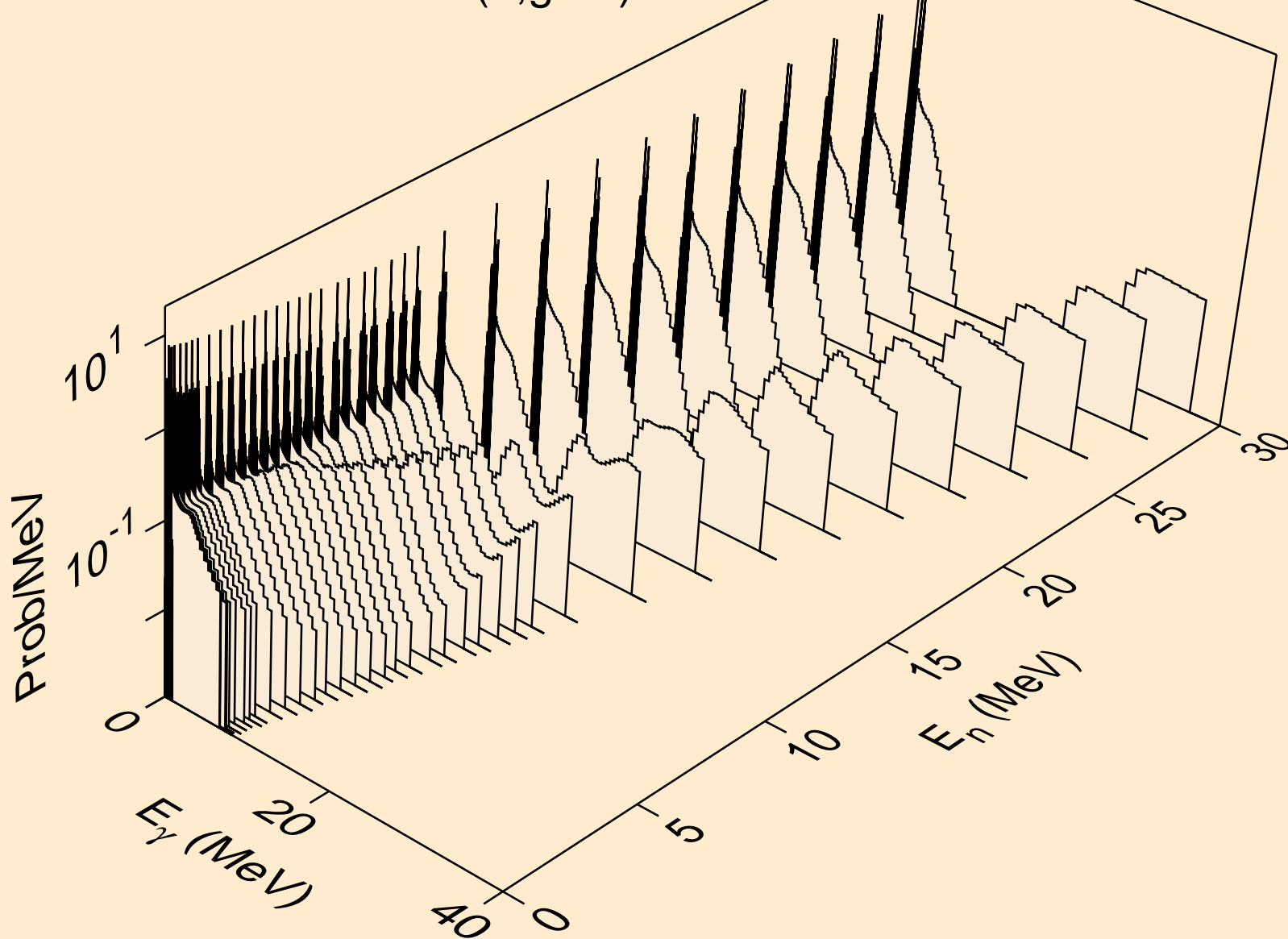
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

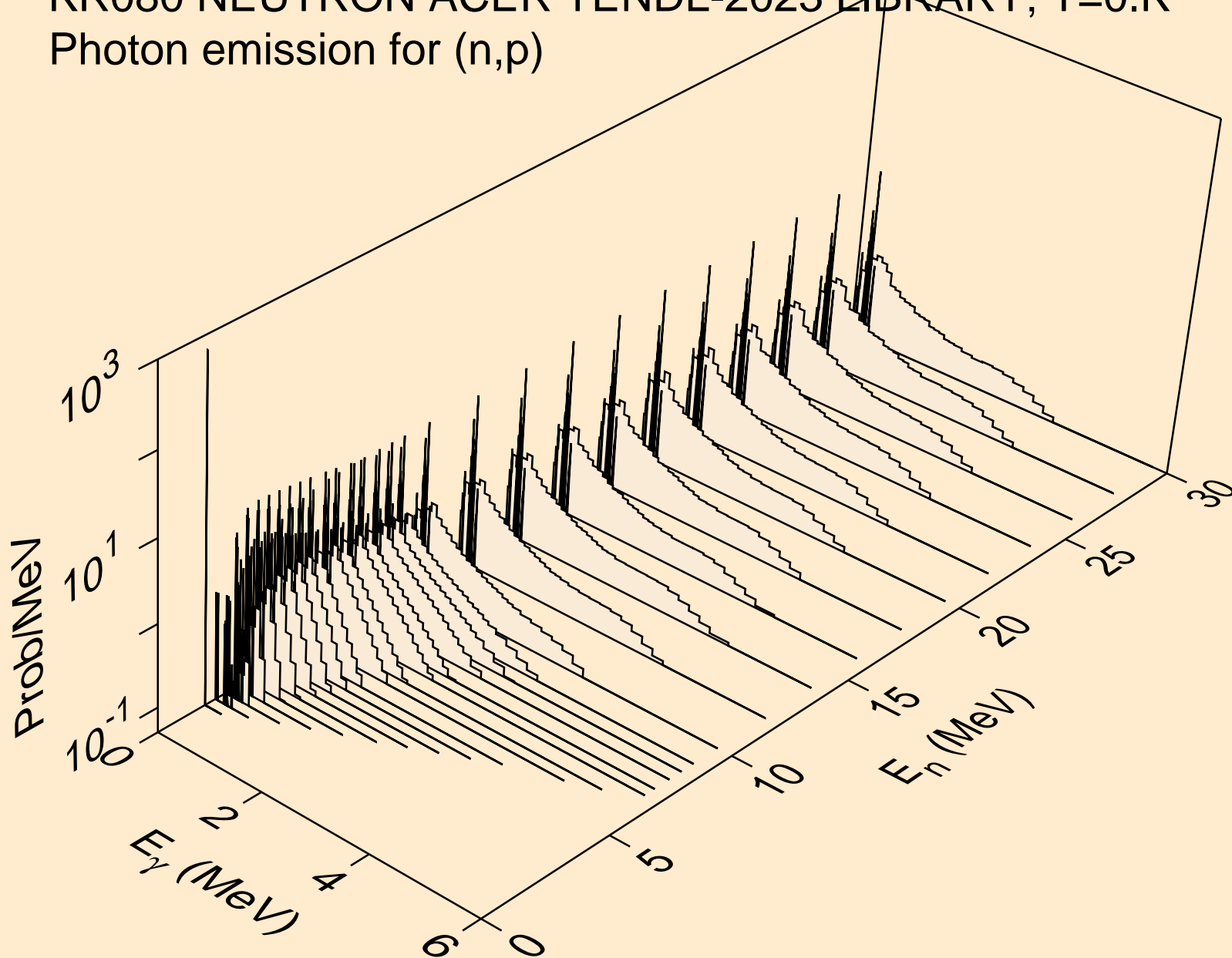


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

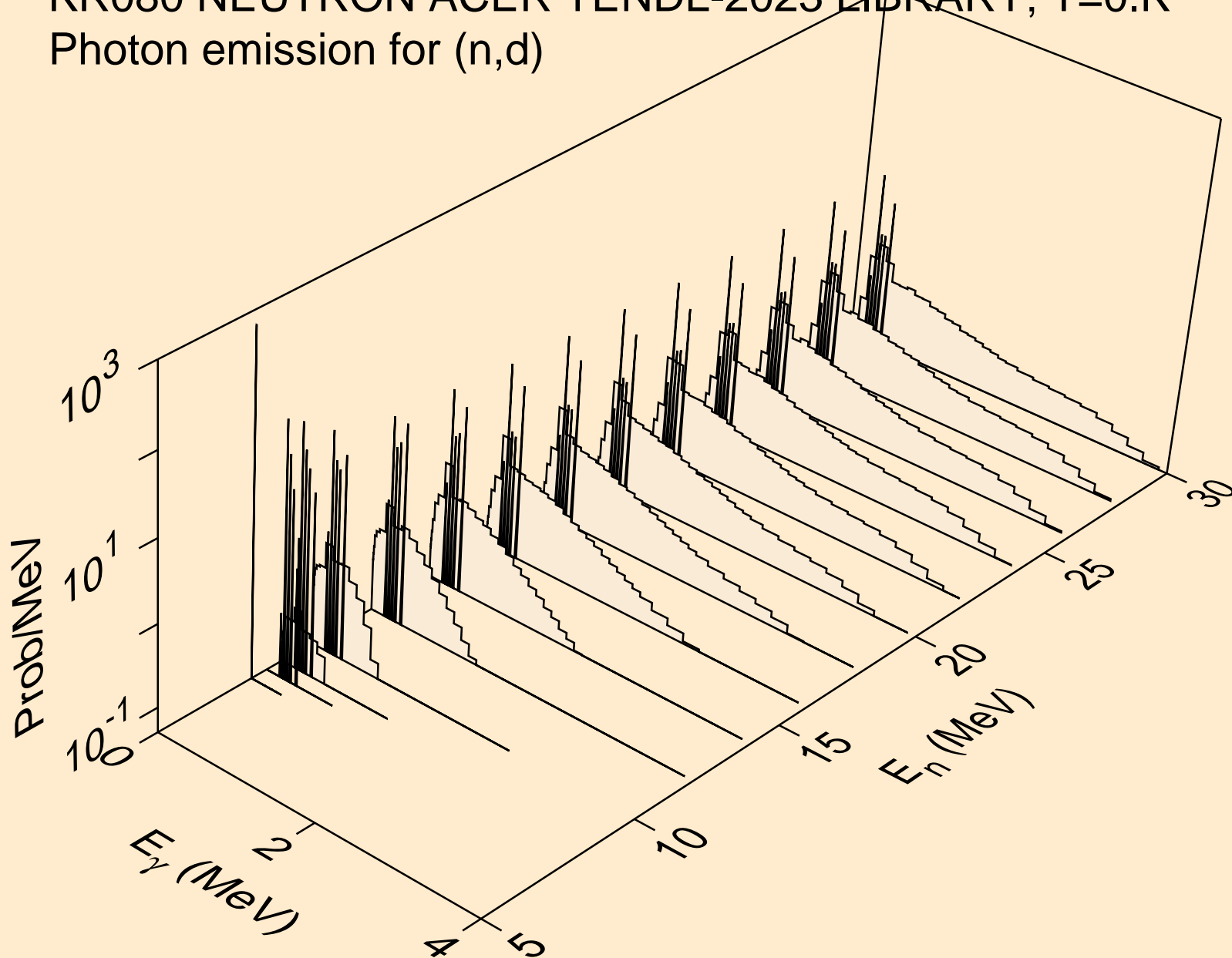




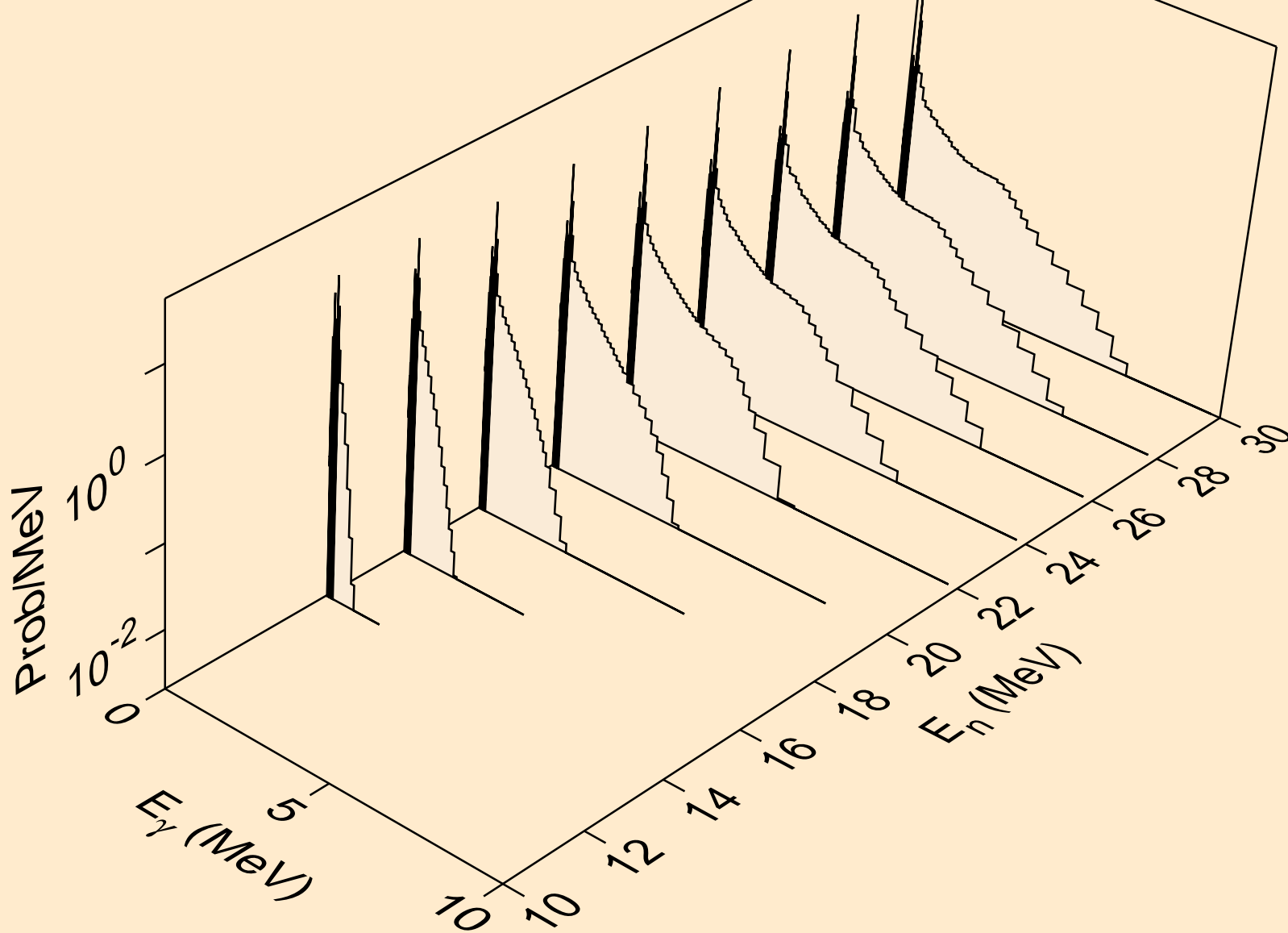
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



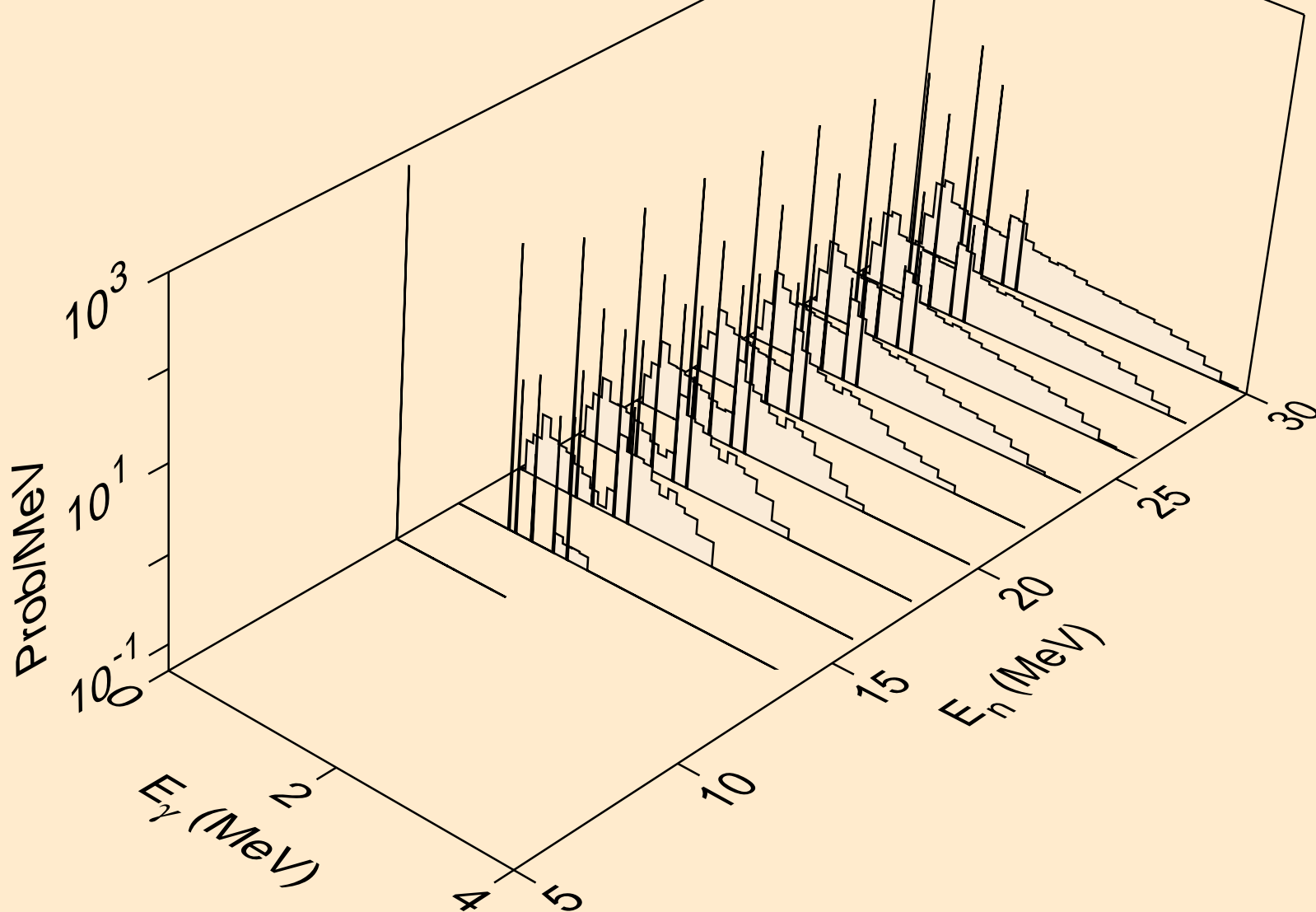
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



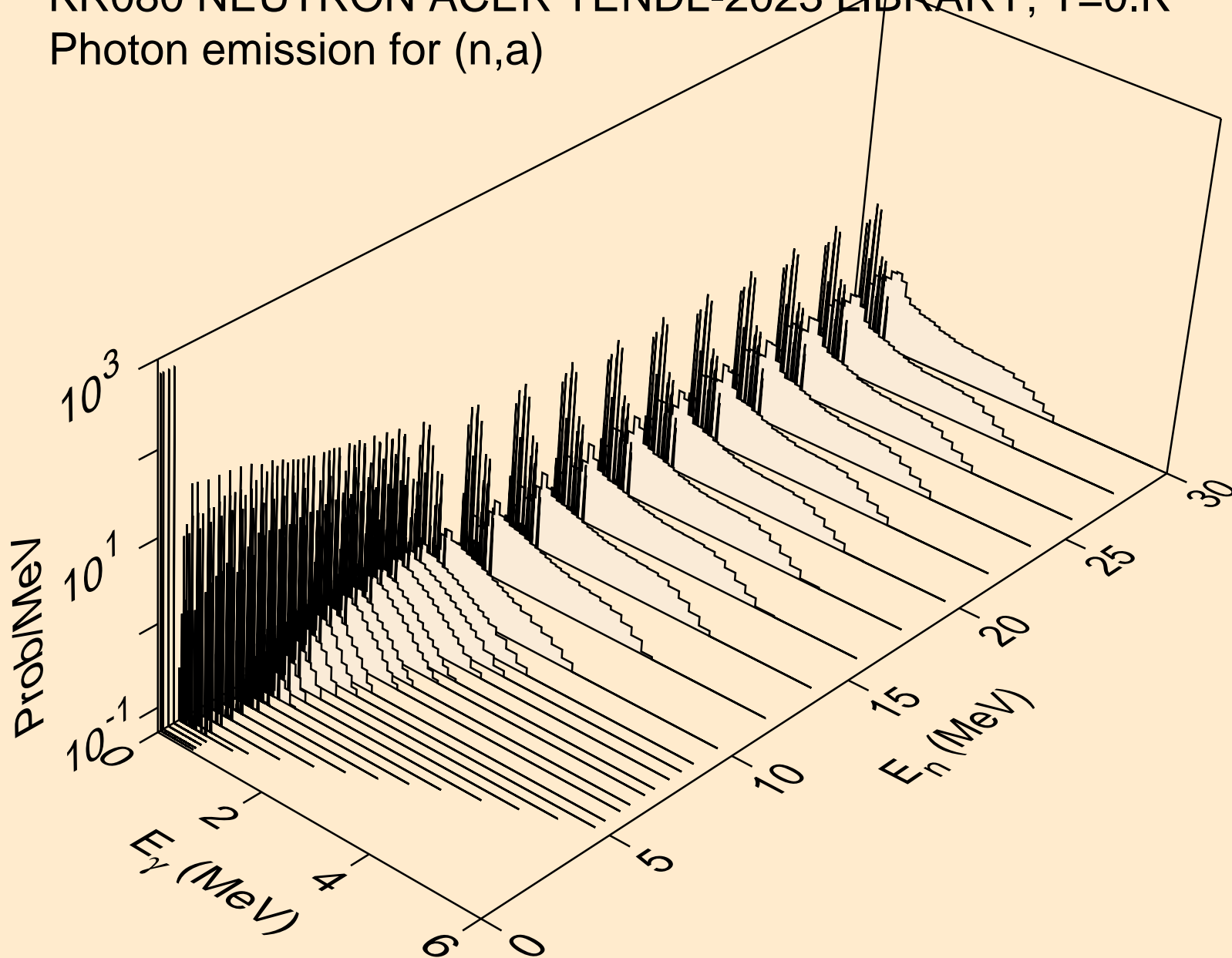
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



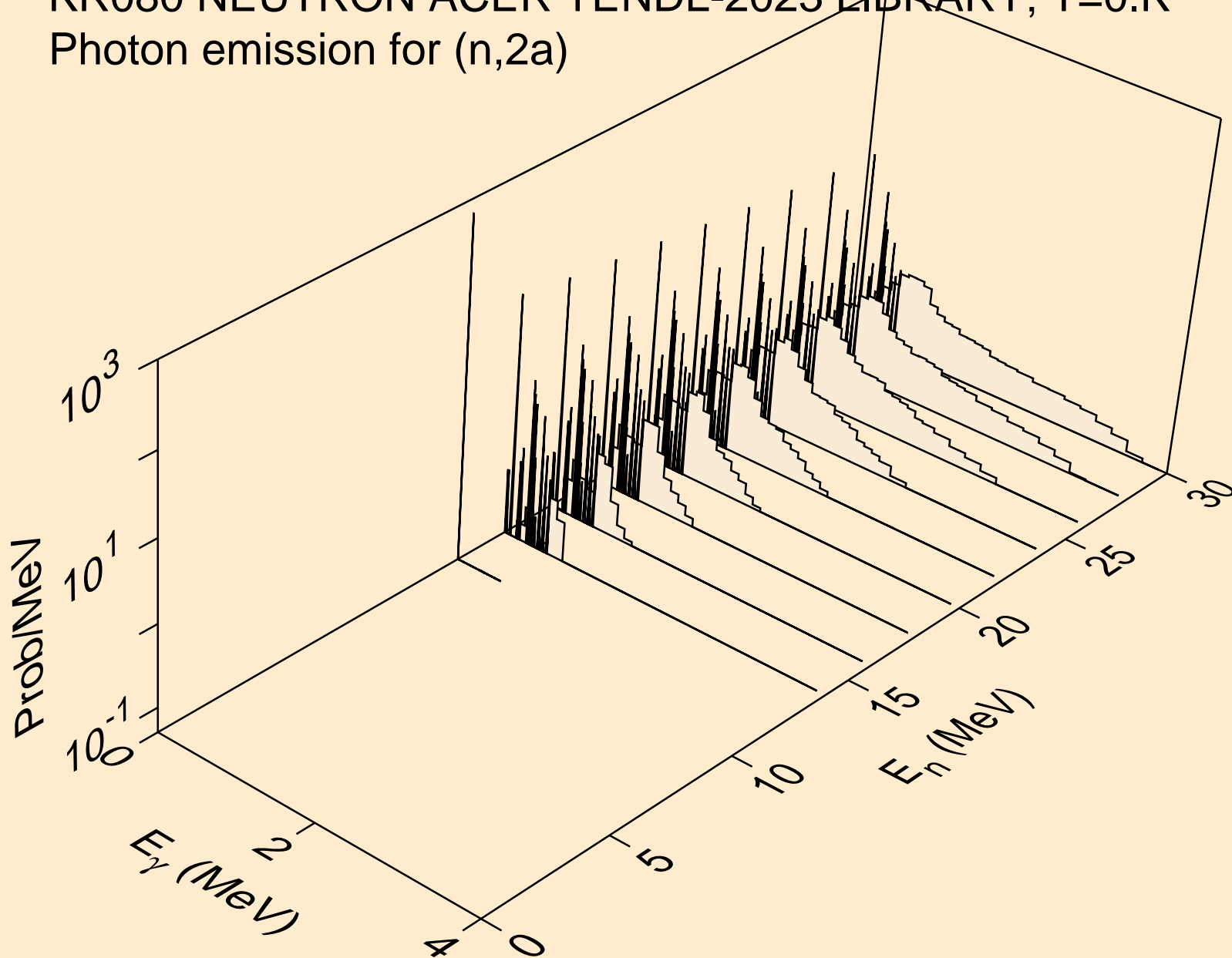
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



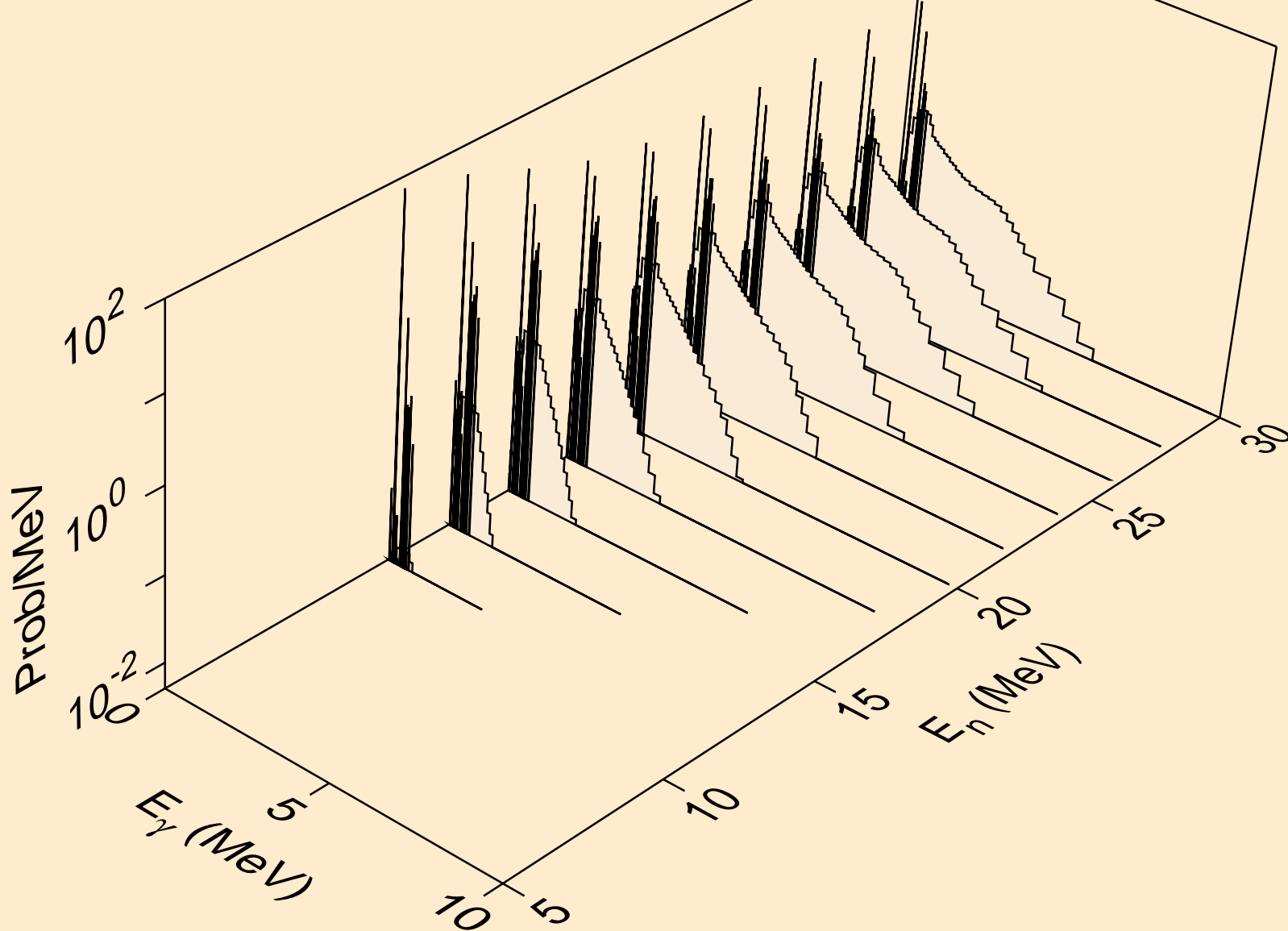
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



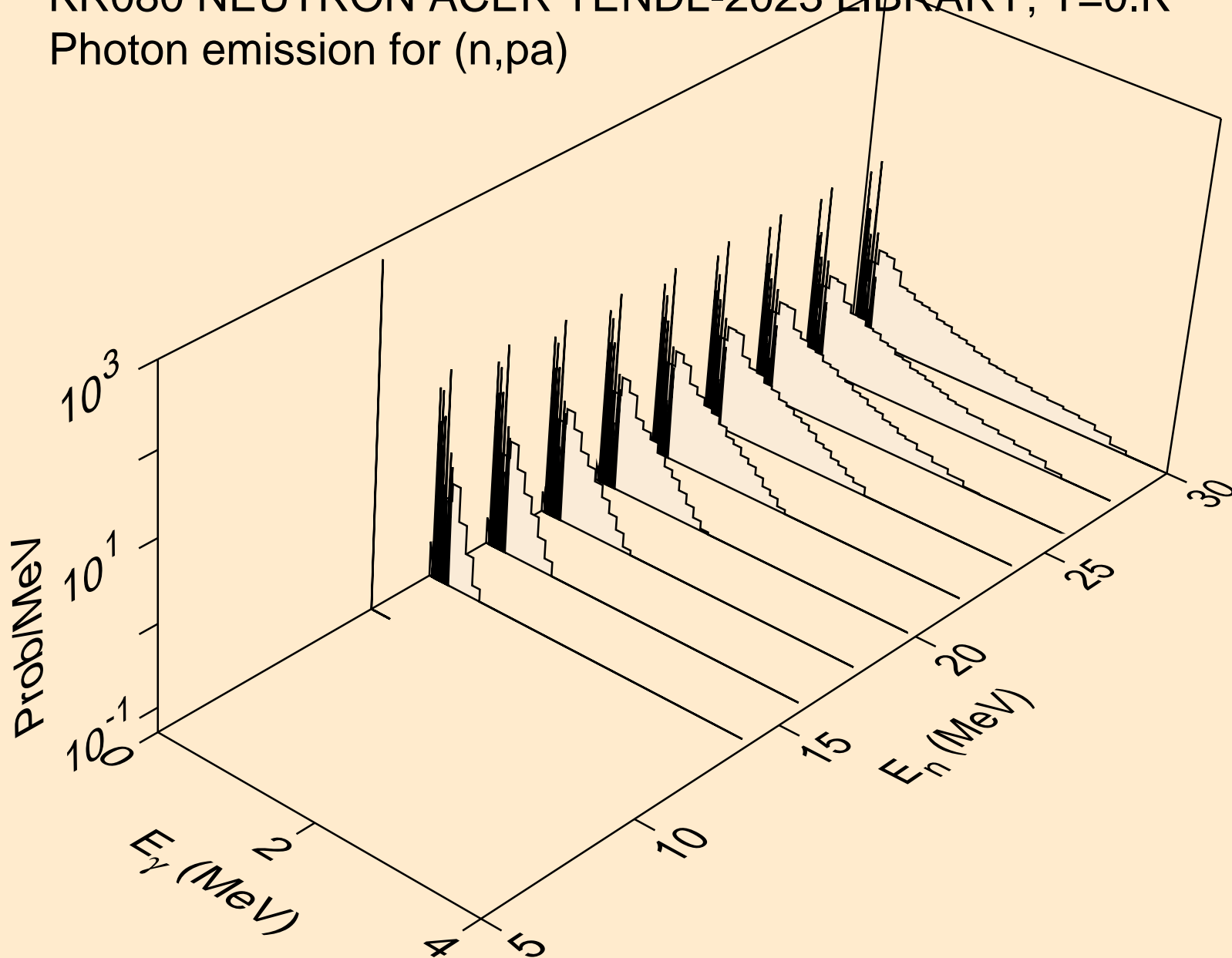
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

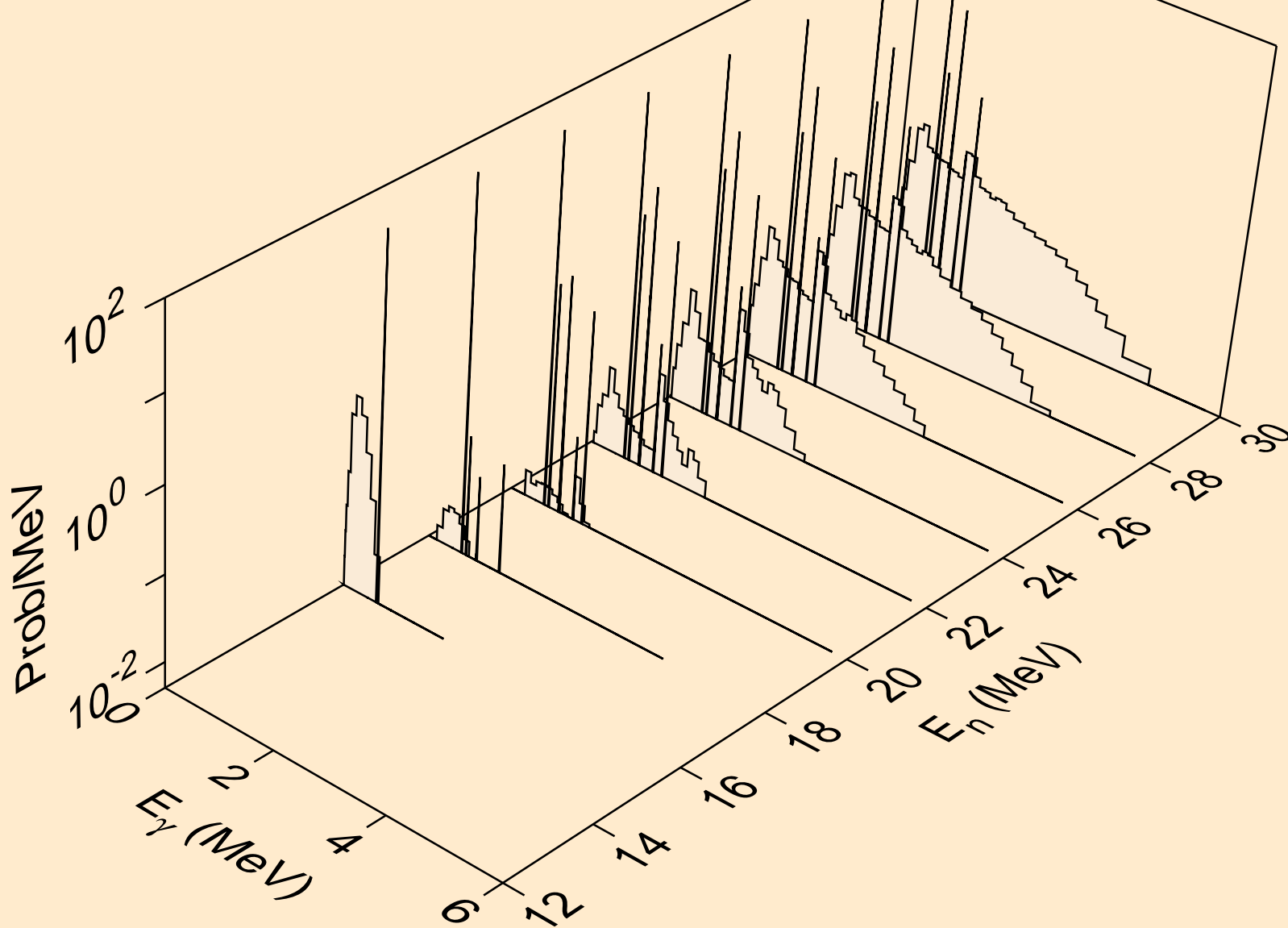


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

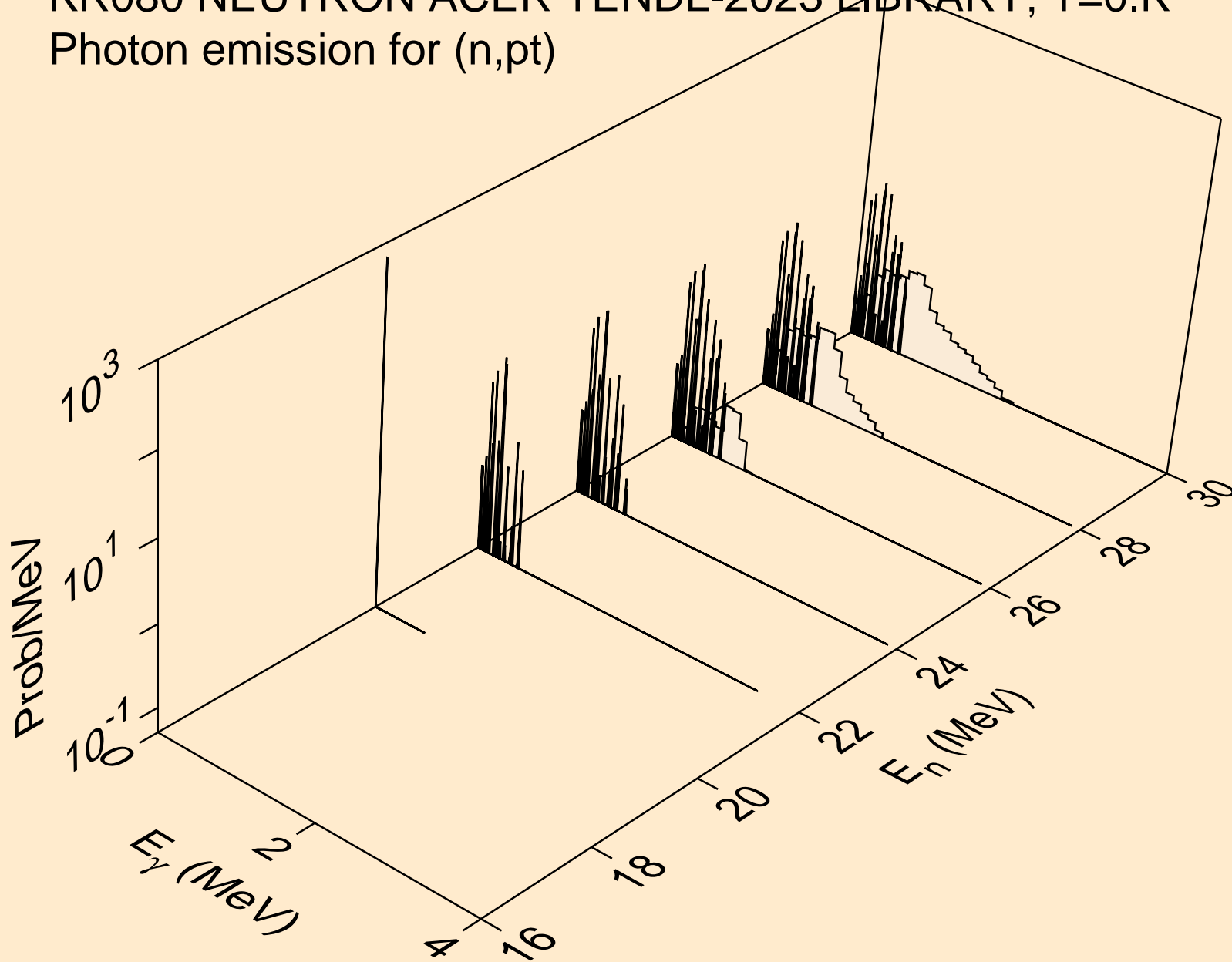




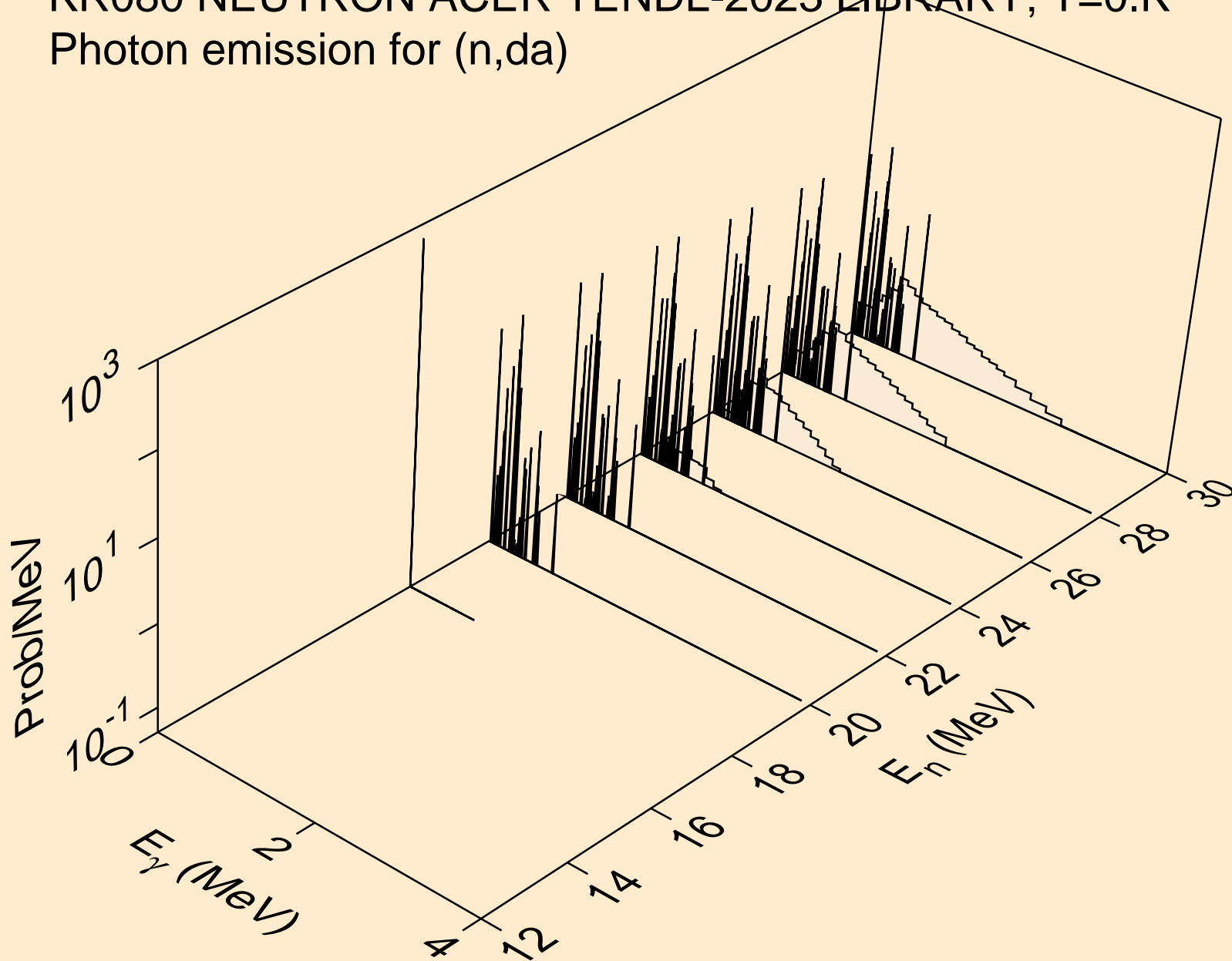
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



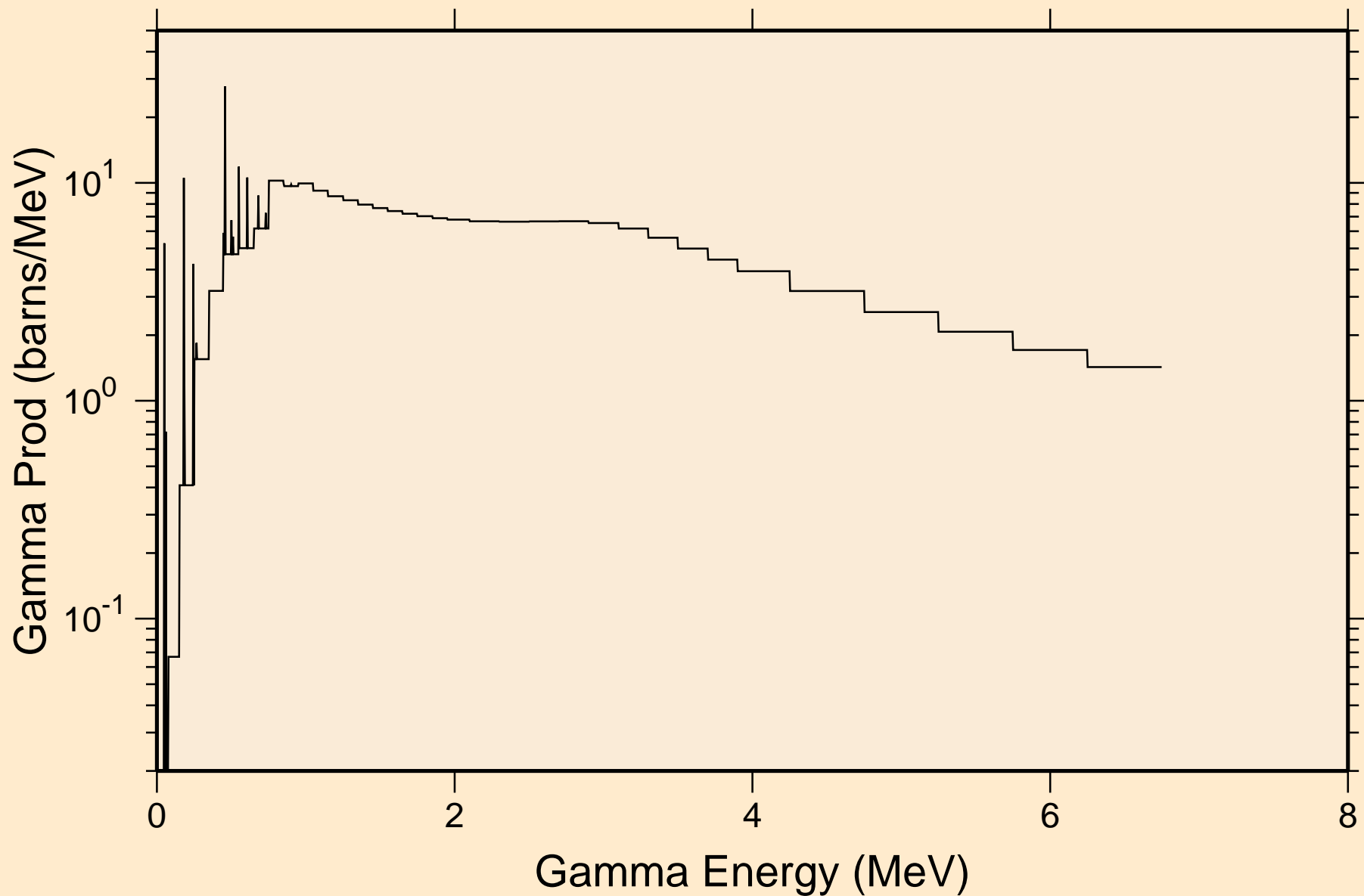
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



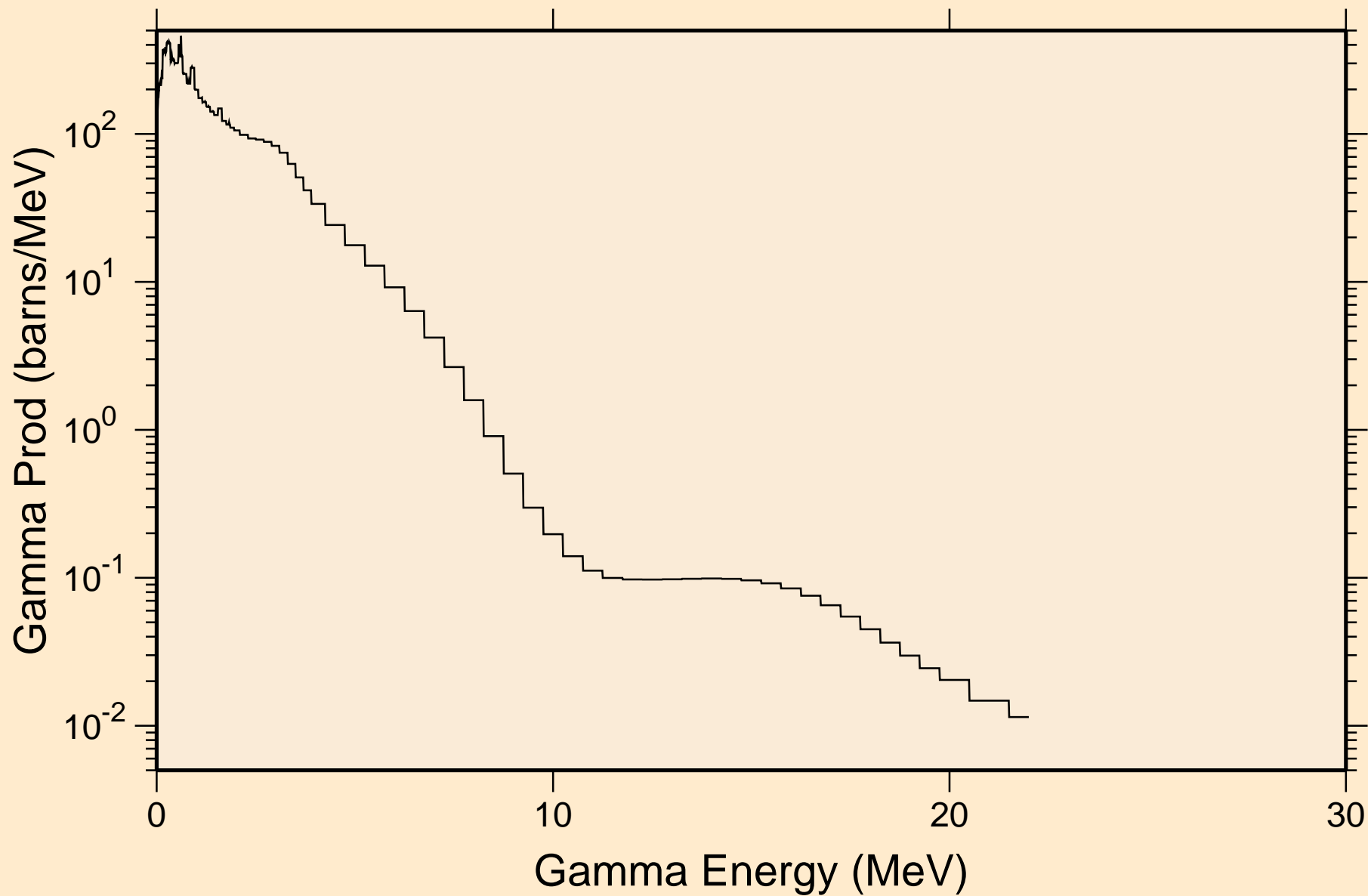
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

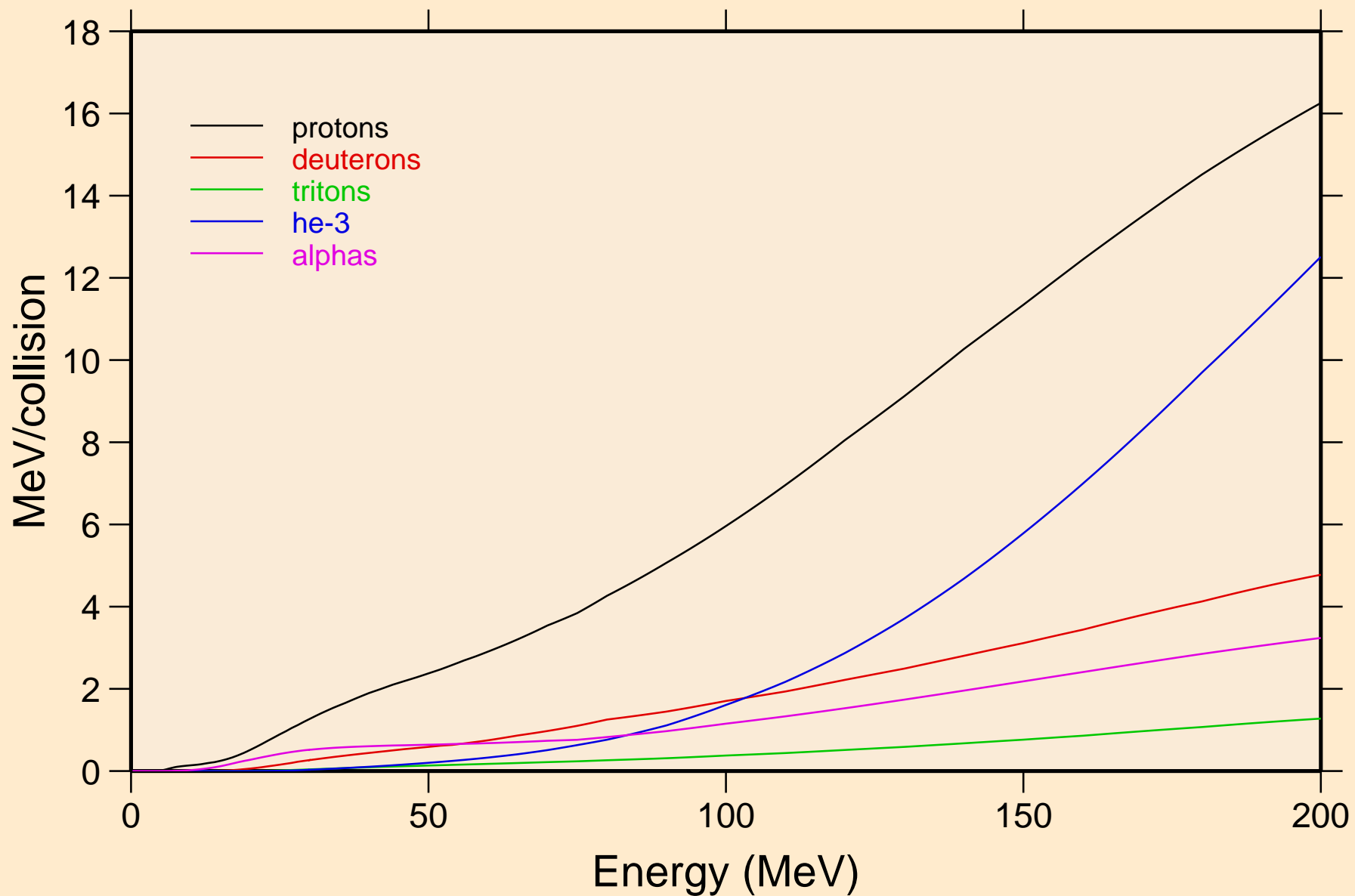


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

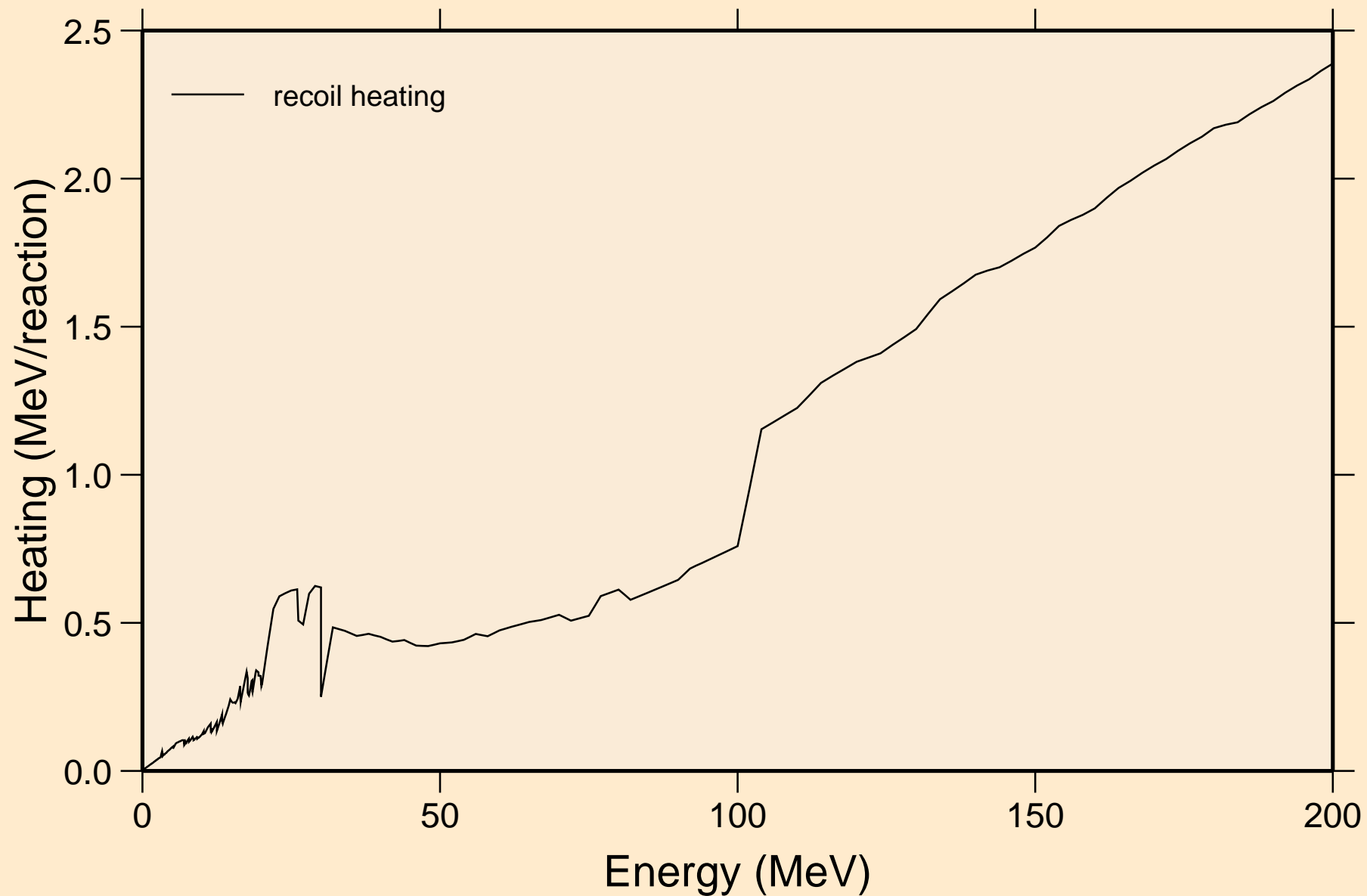


# KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

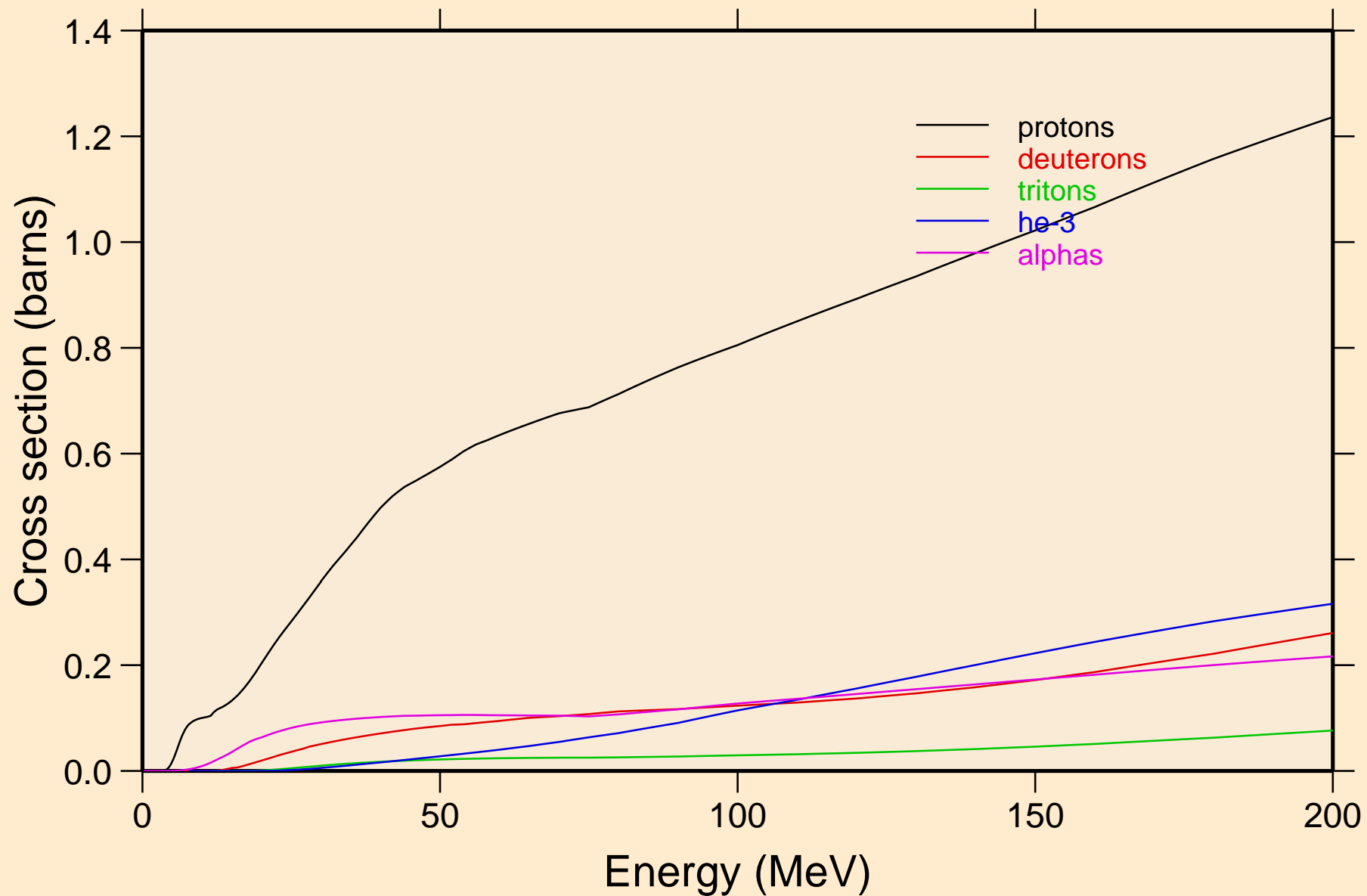


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



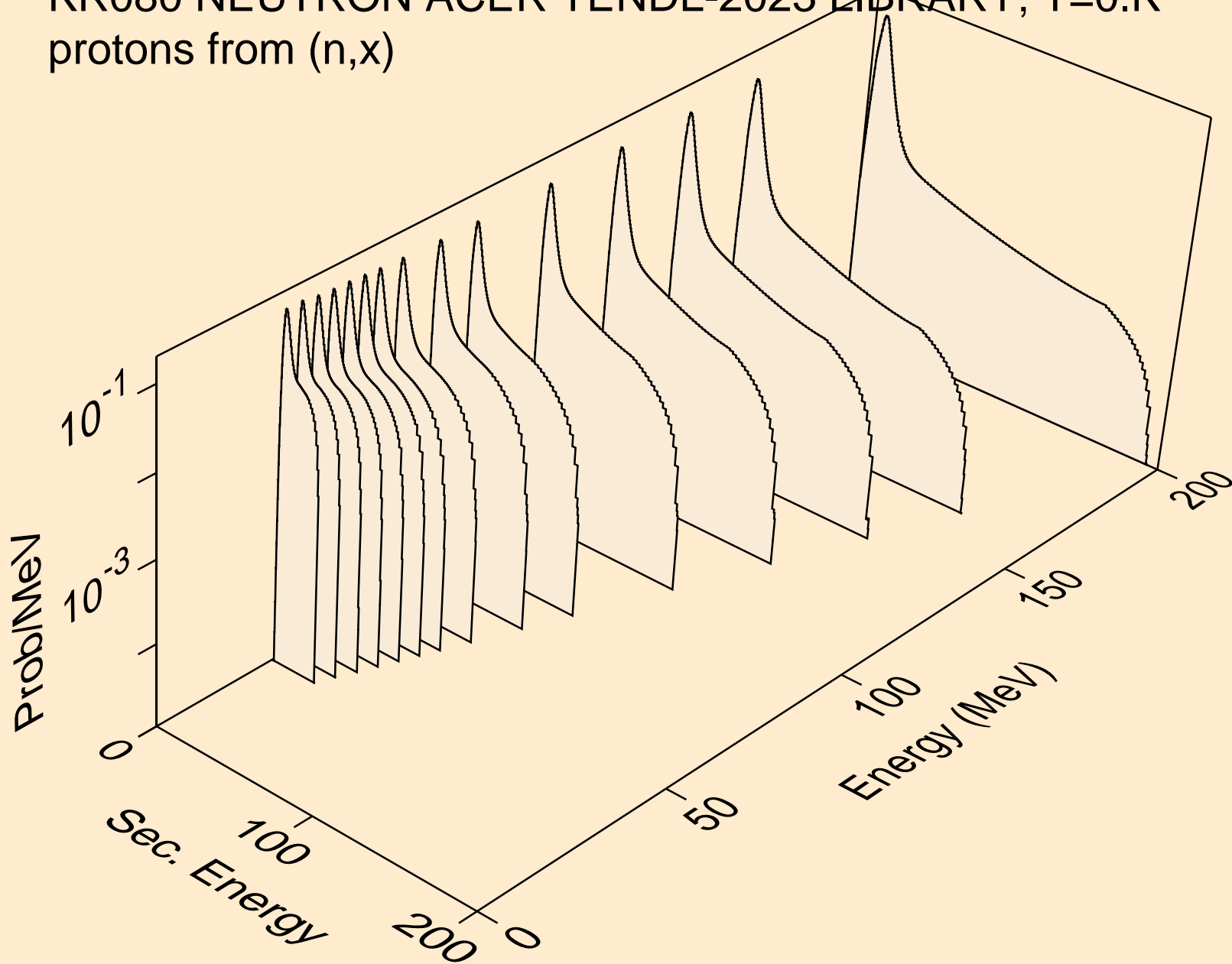
# KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

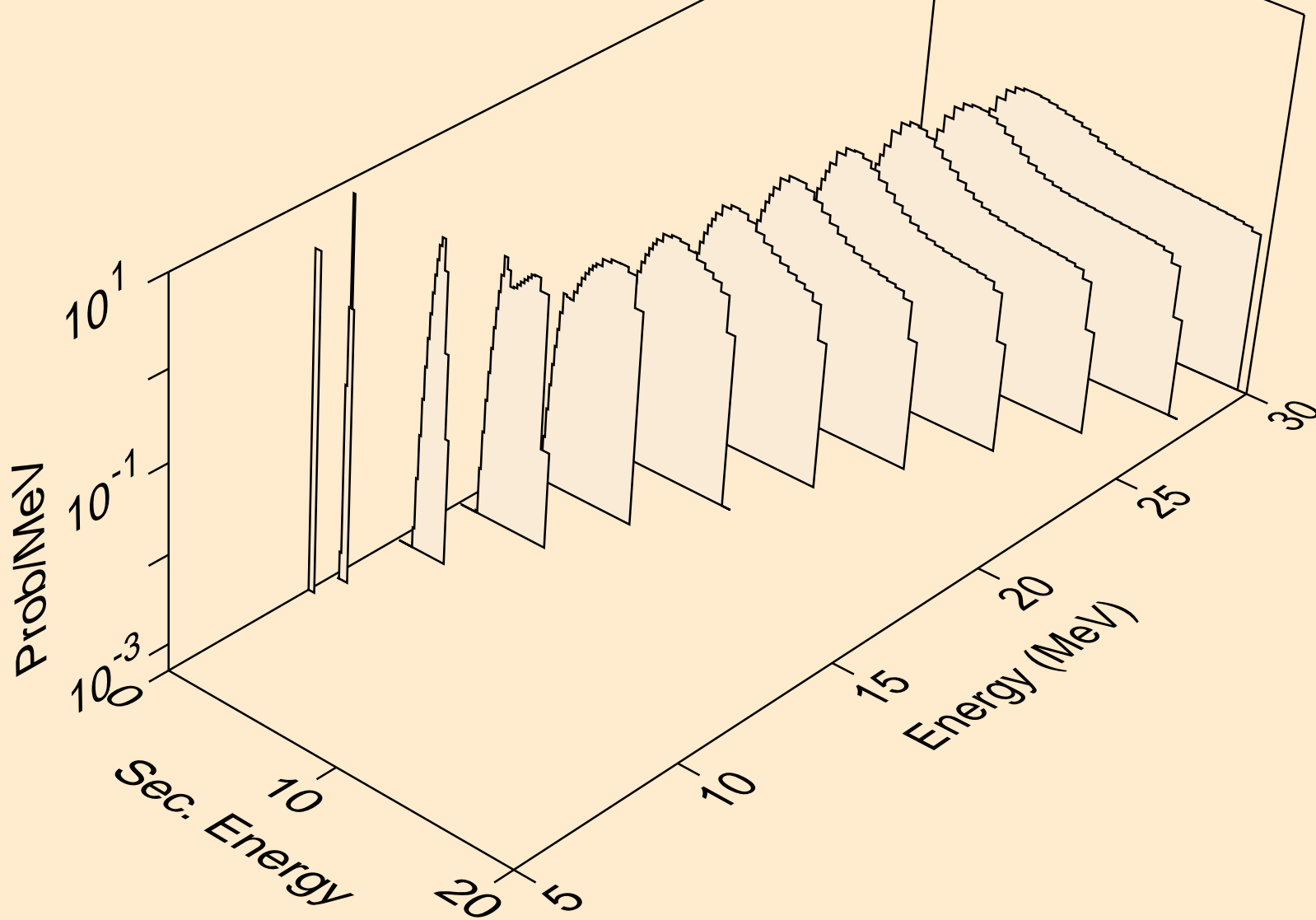




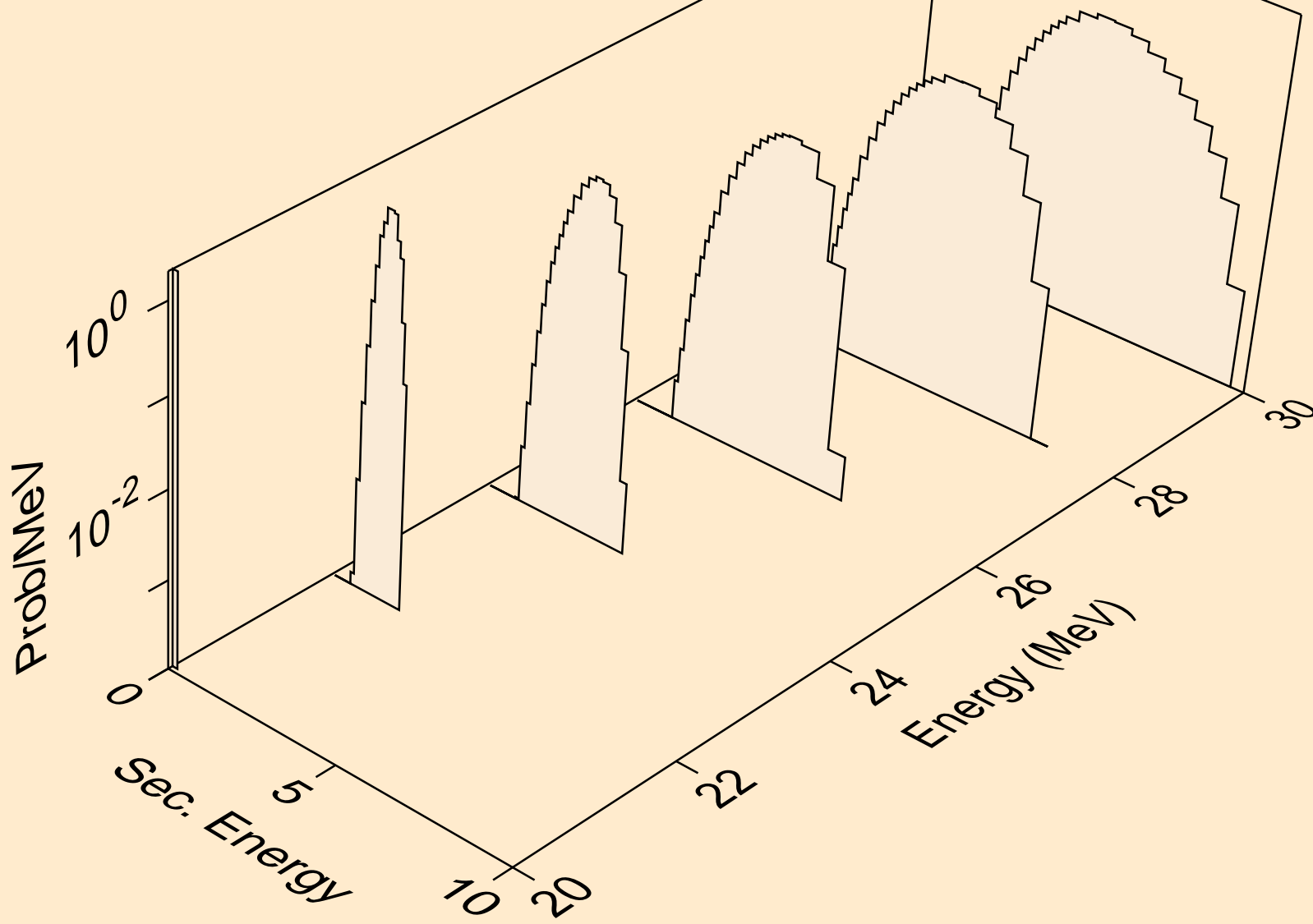
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



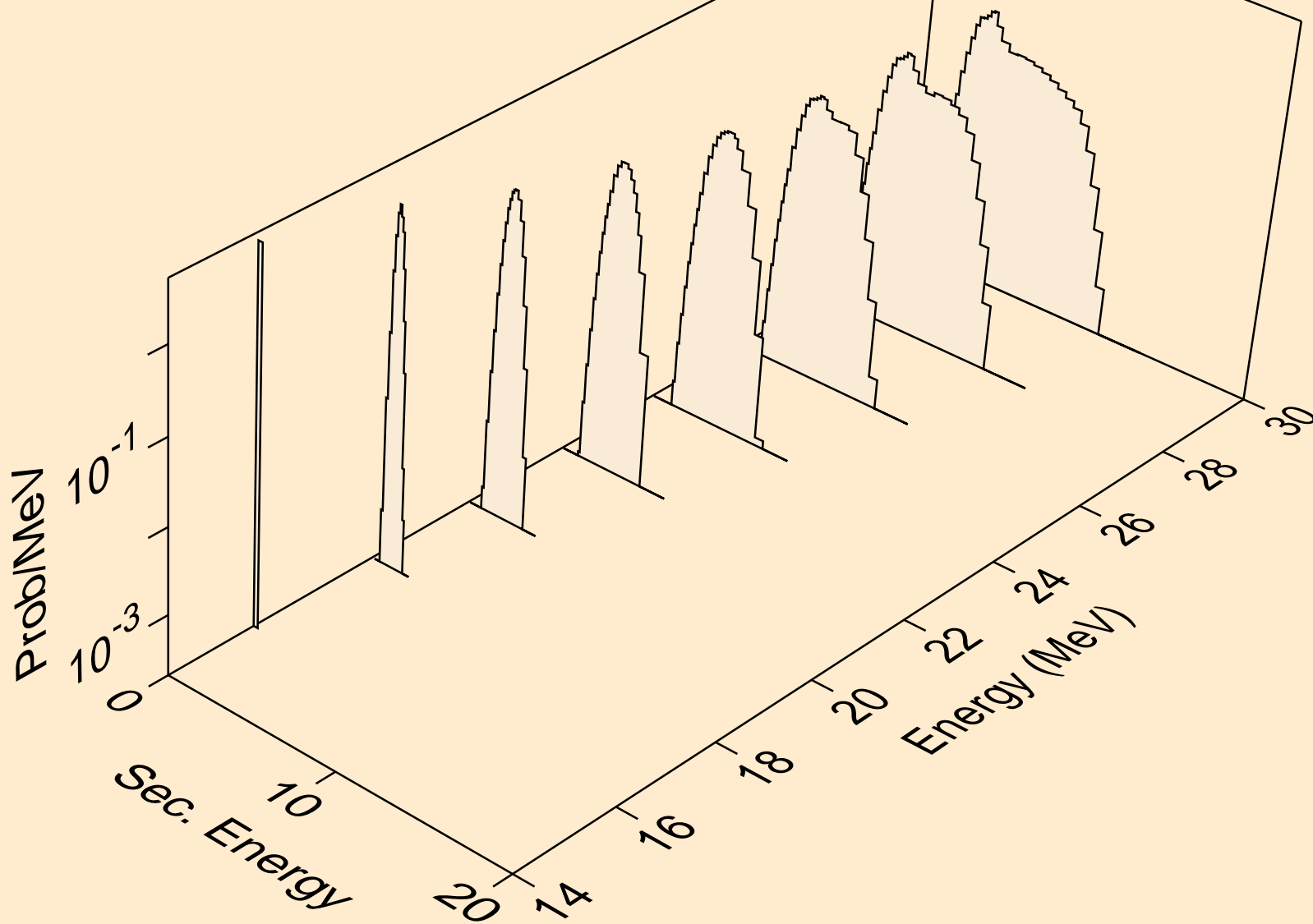
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



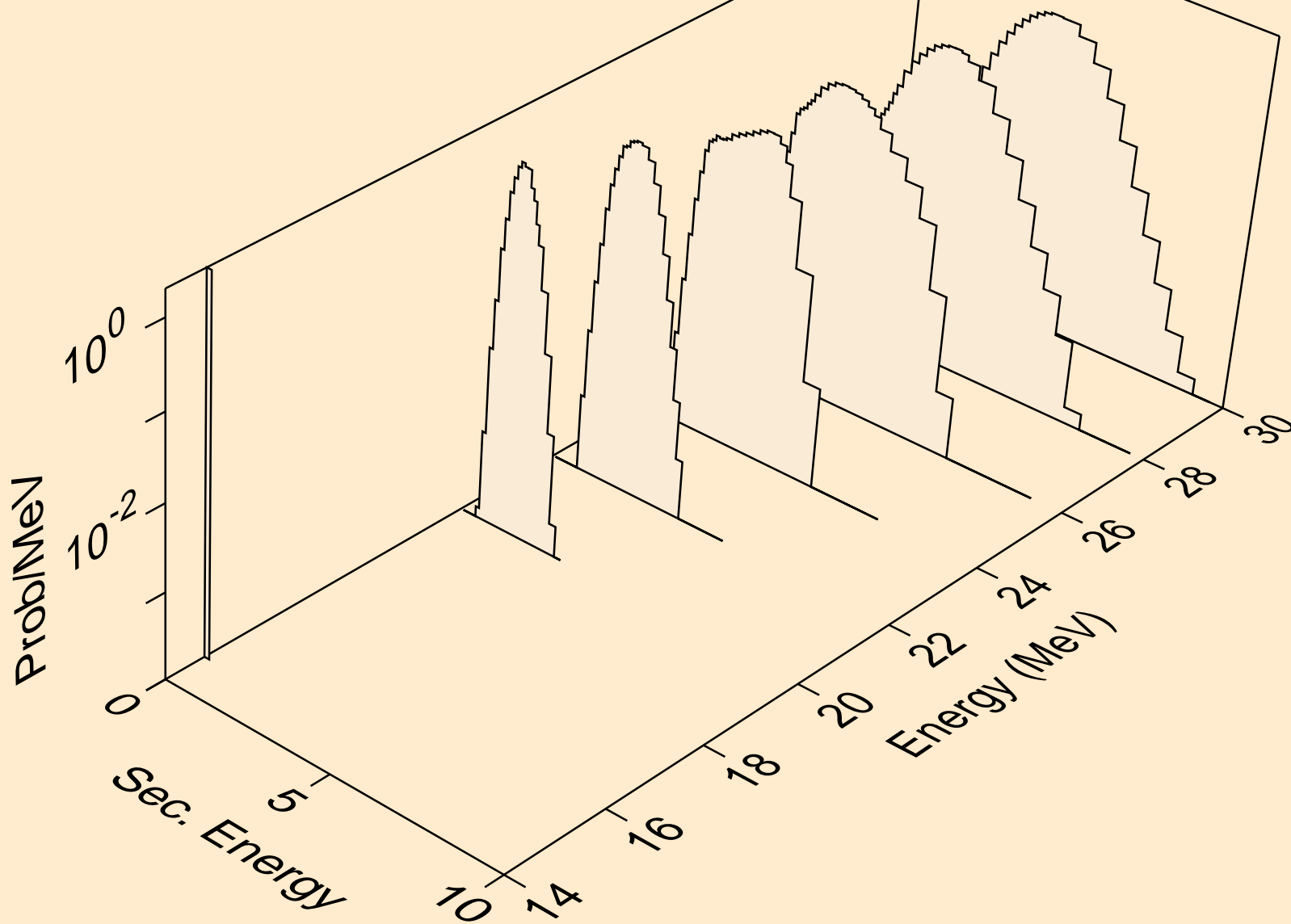
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



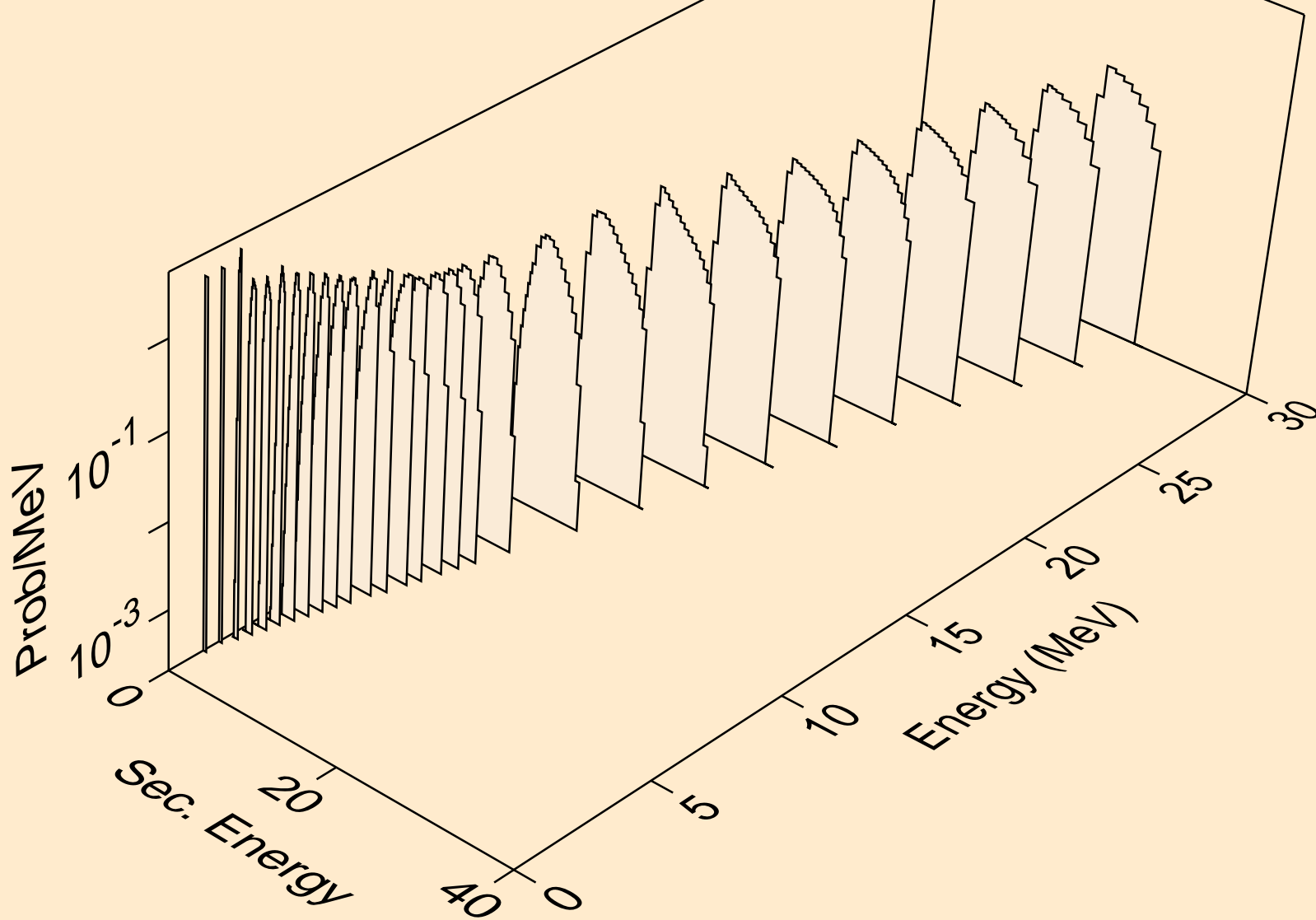
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protons from (n,n2p)



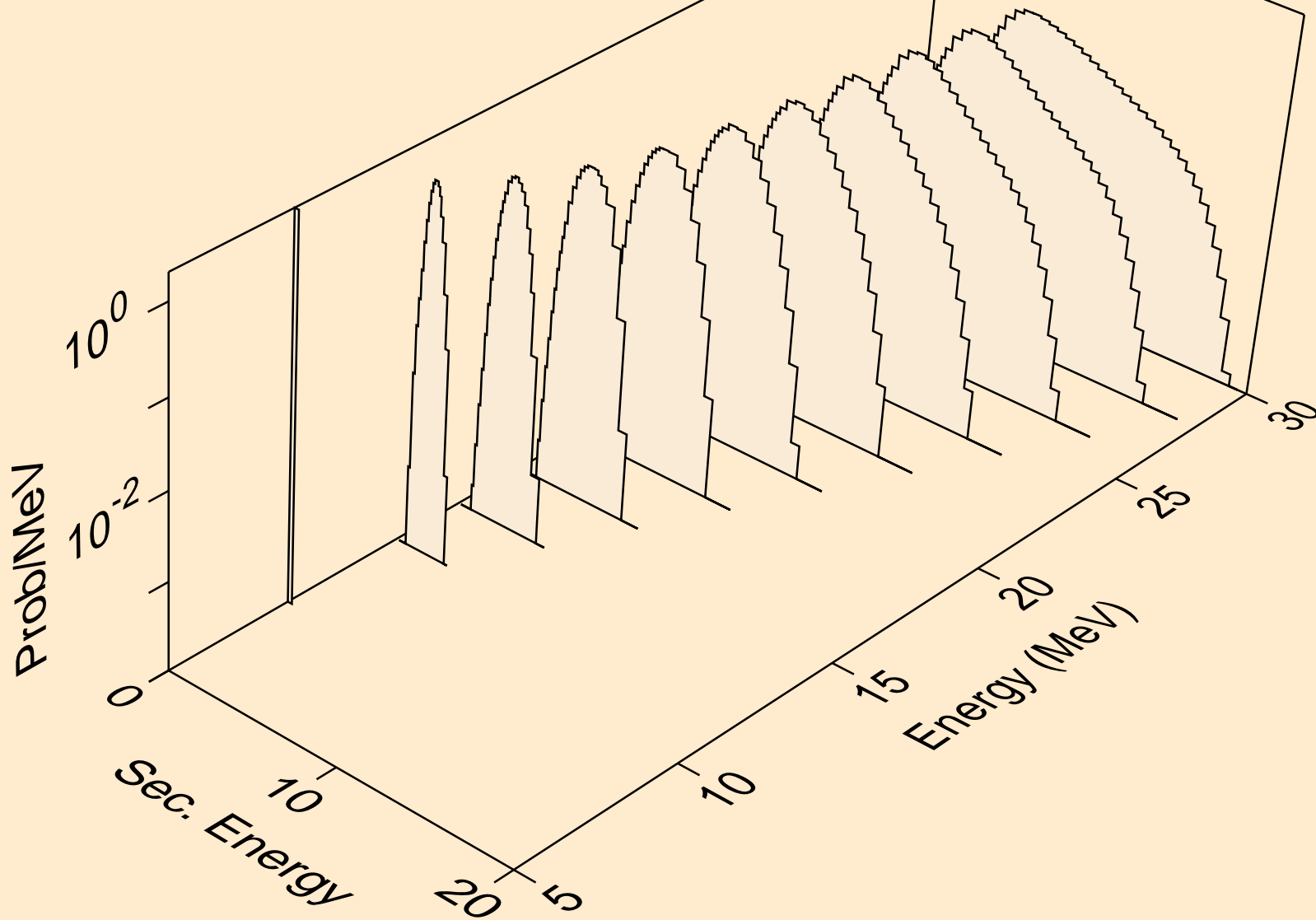
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



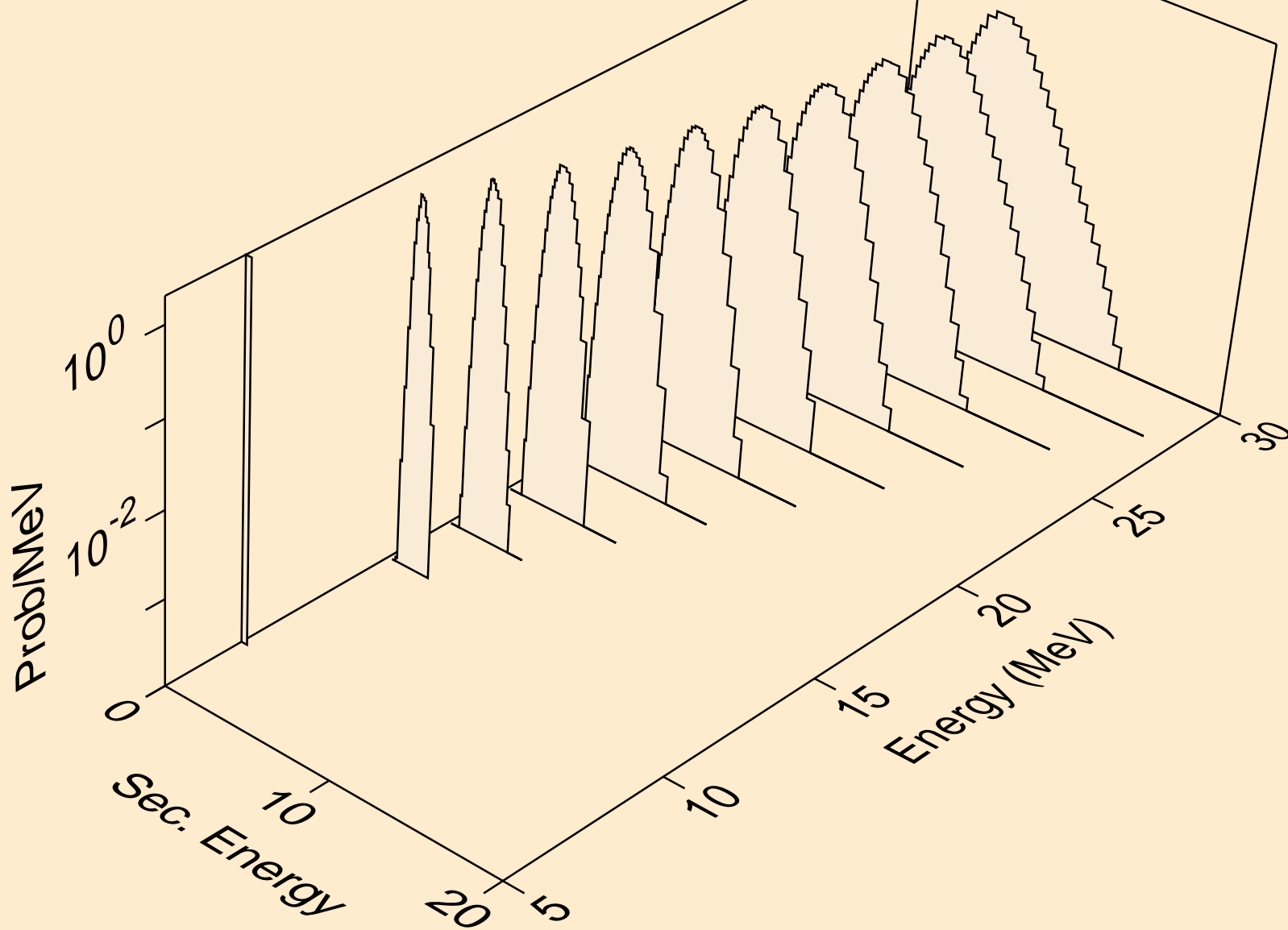
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

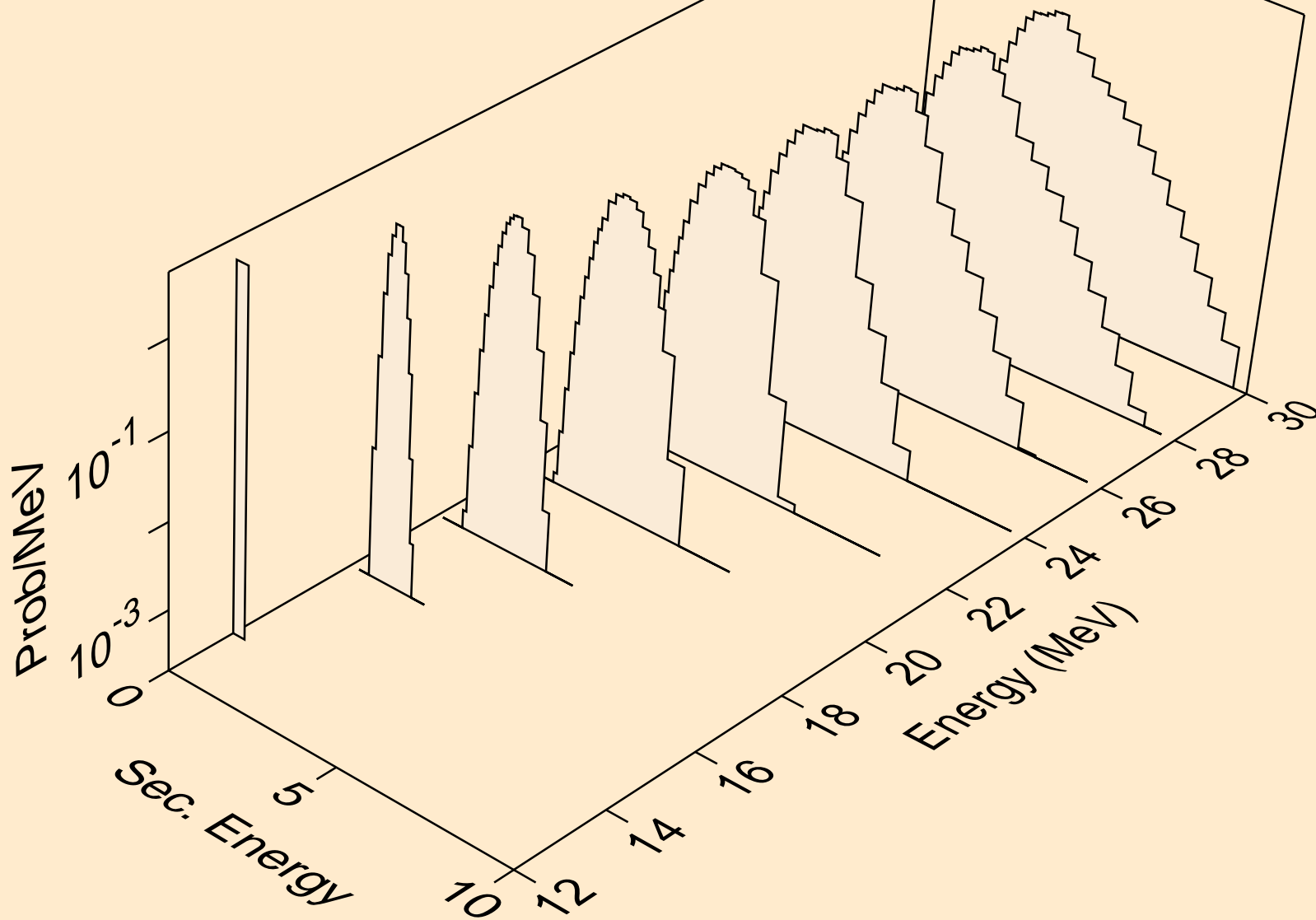


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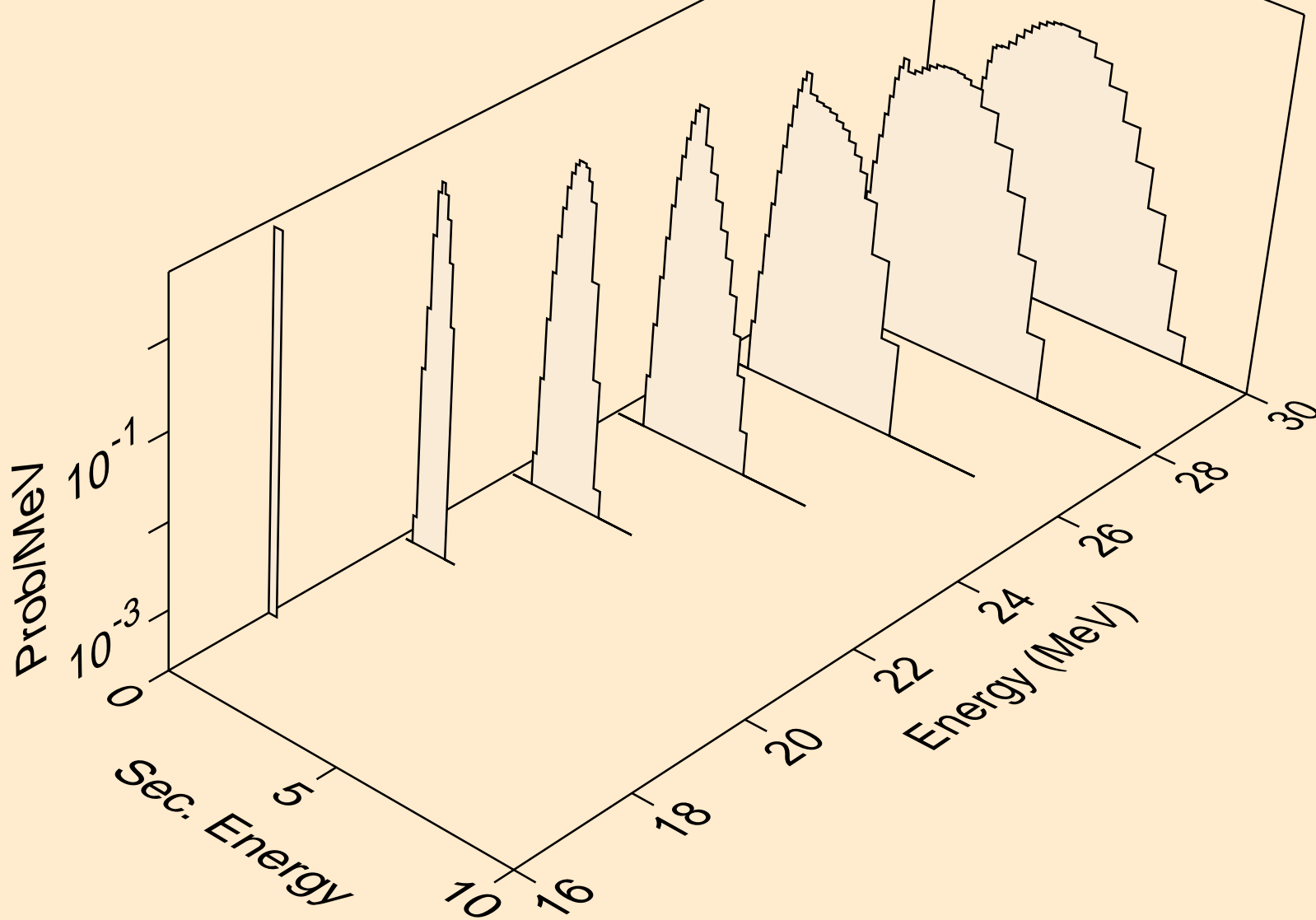




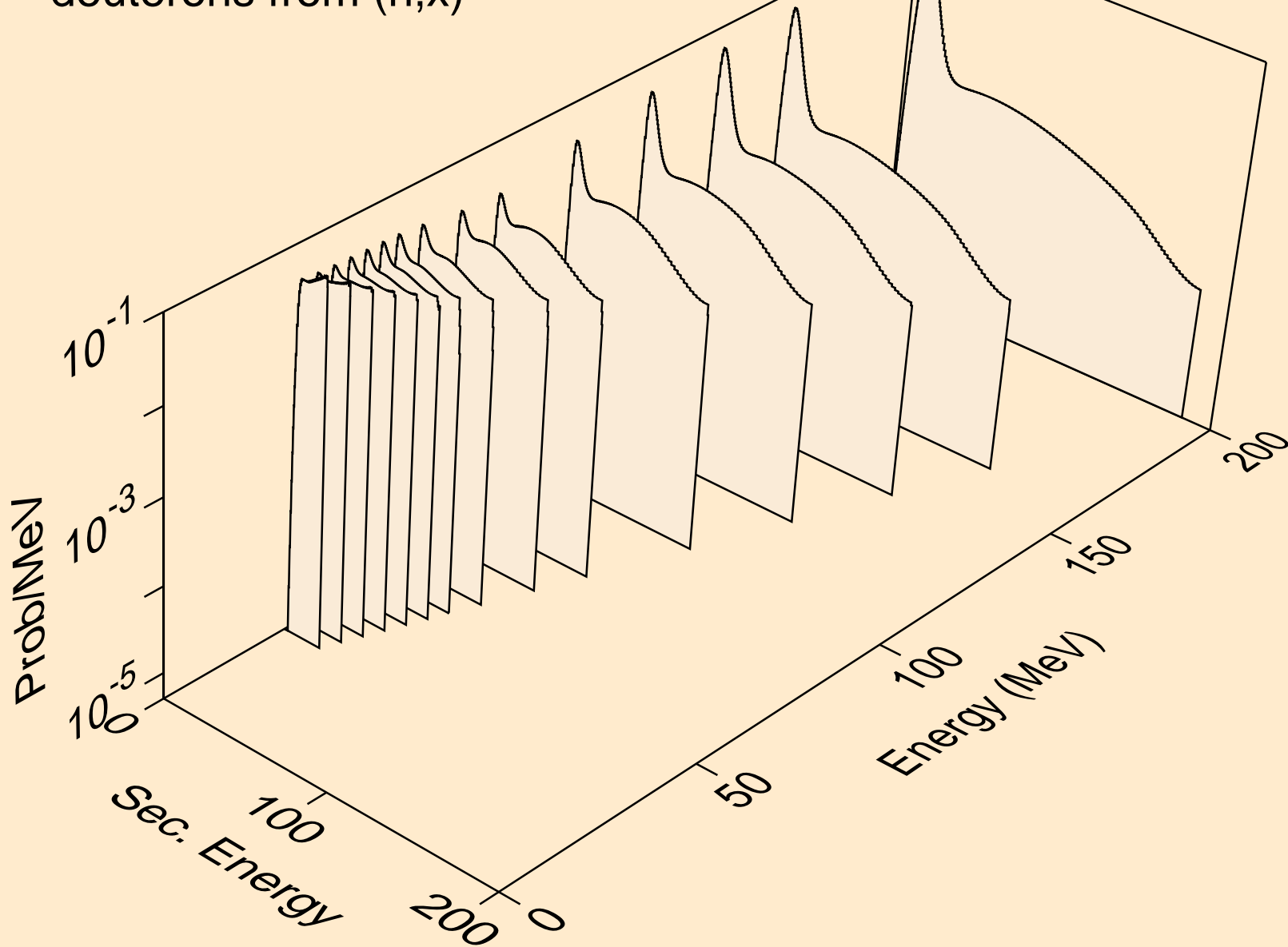
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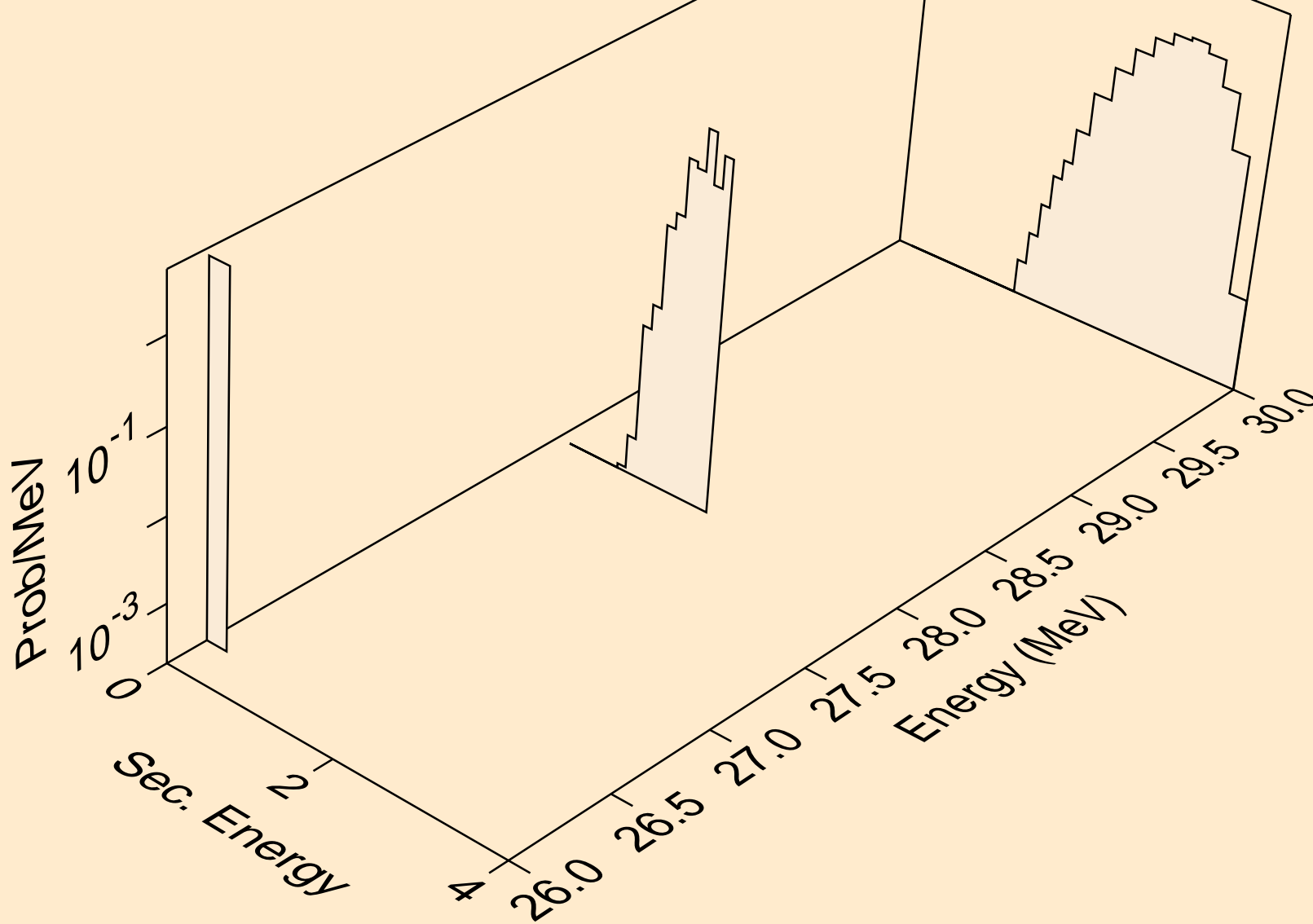
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protons from (n,pt)



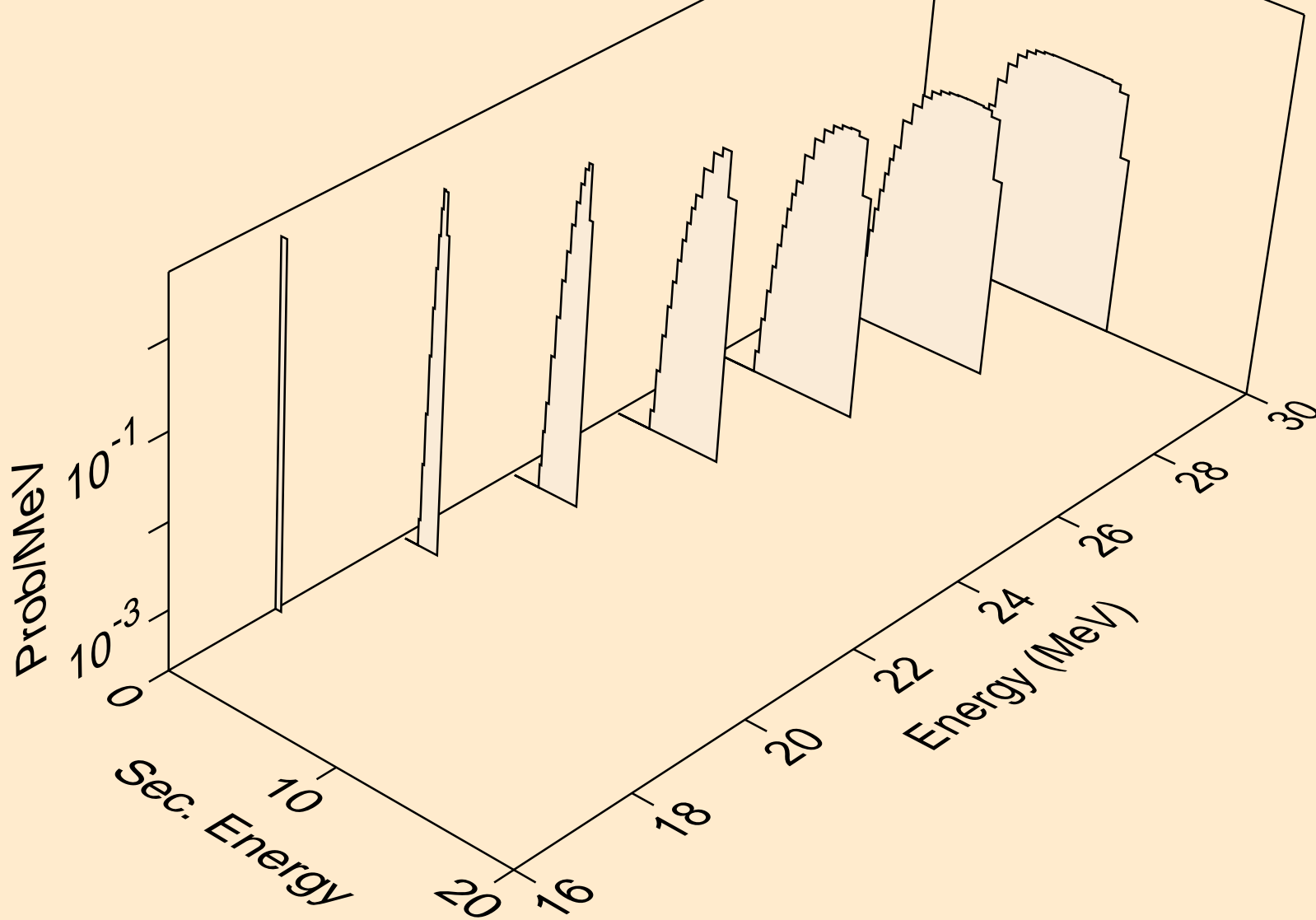
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deuterons from (n,x)



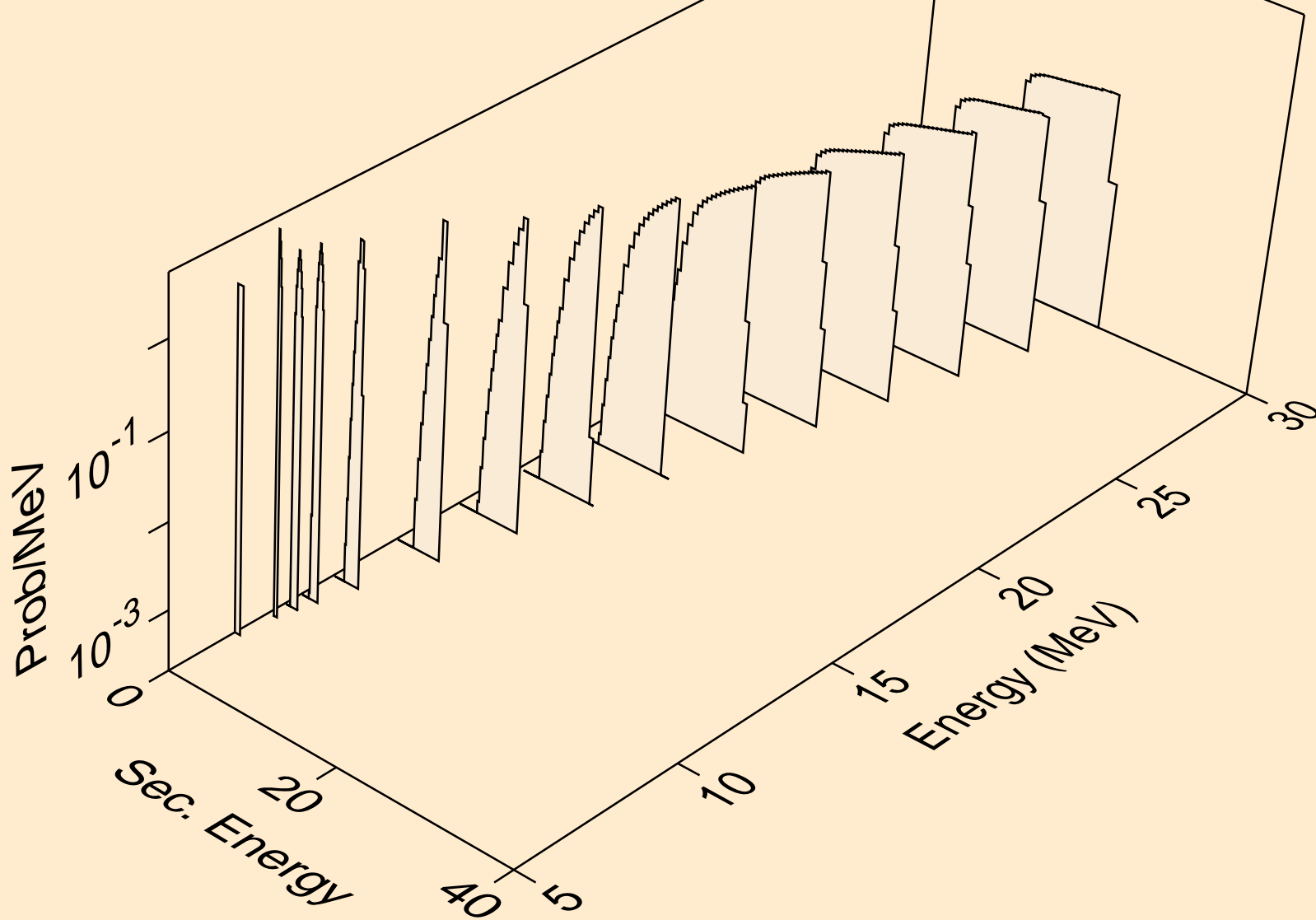
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deuterons from (n,2nd)



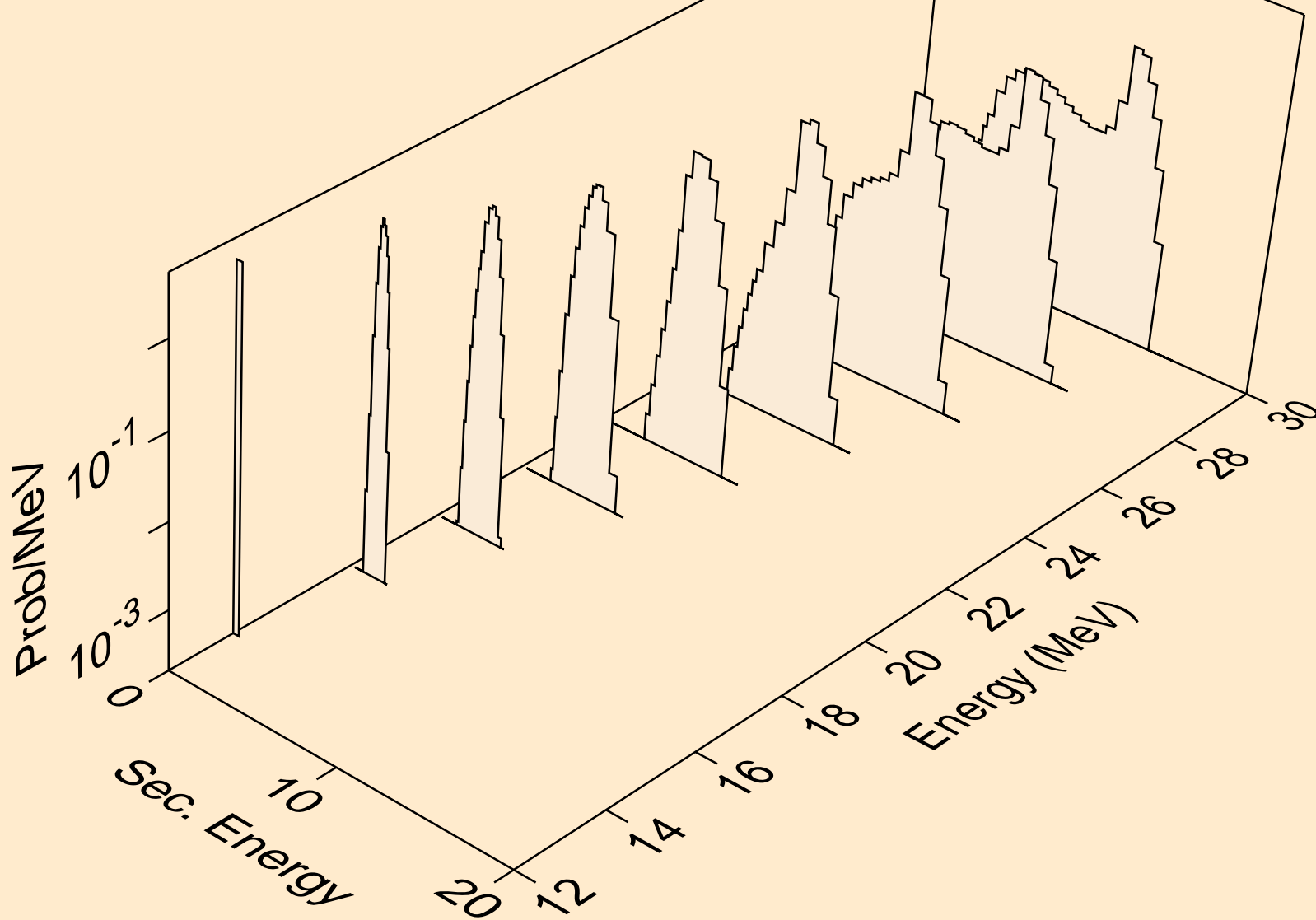
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



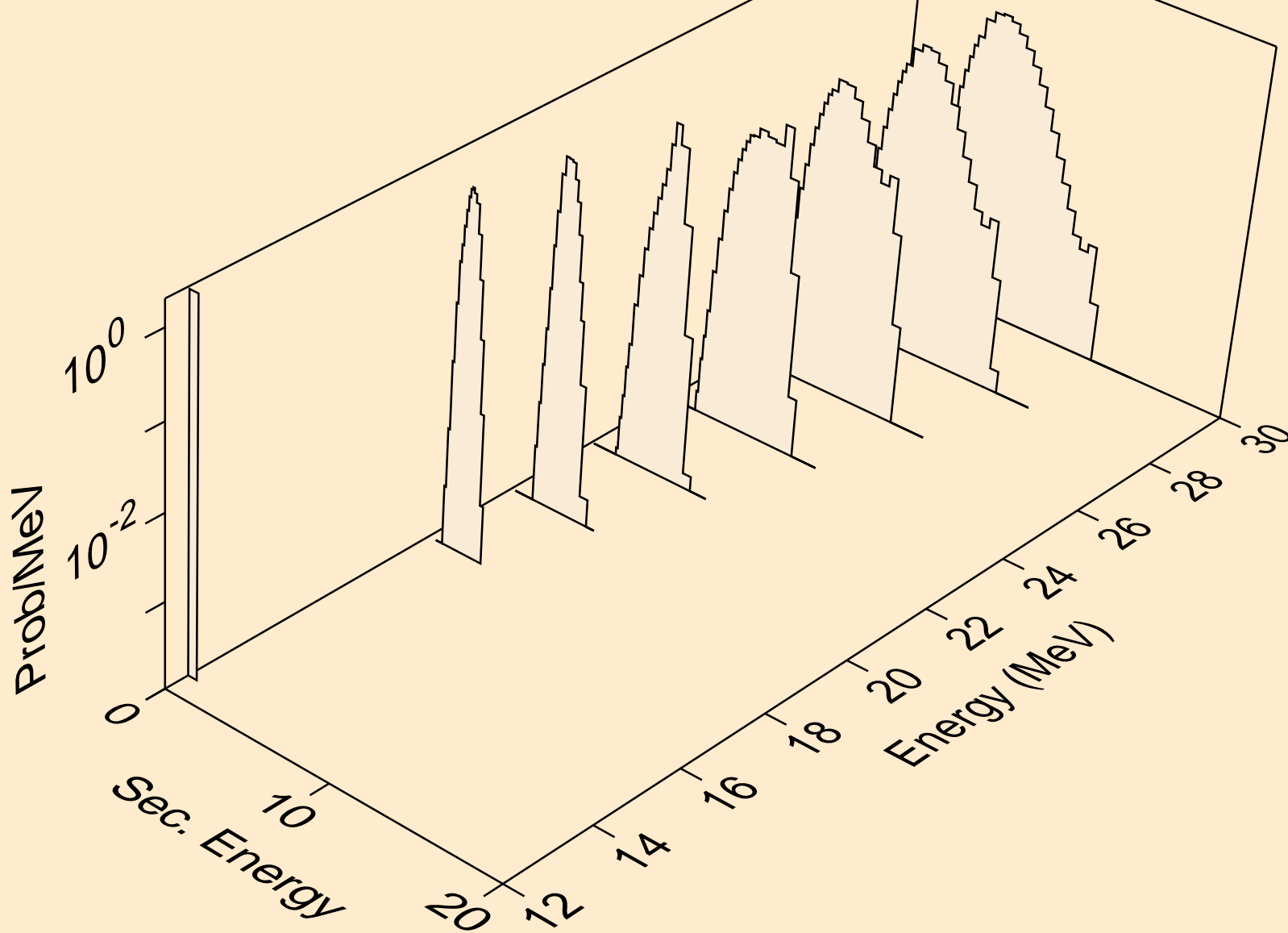
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

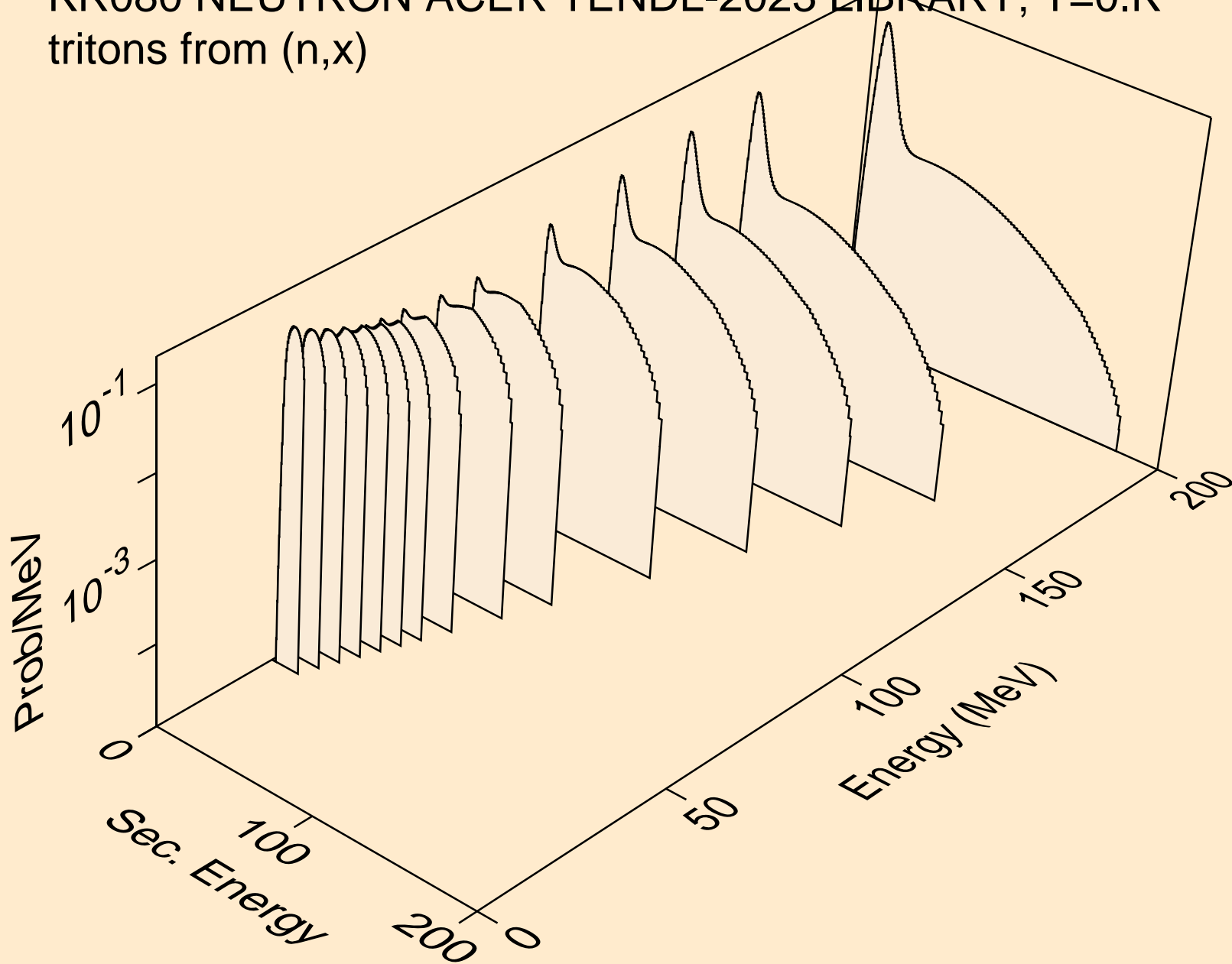


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deuterons from (n,da)

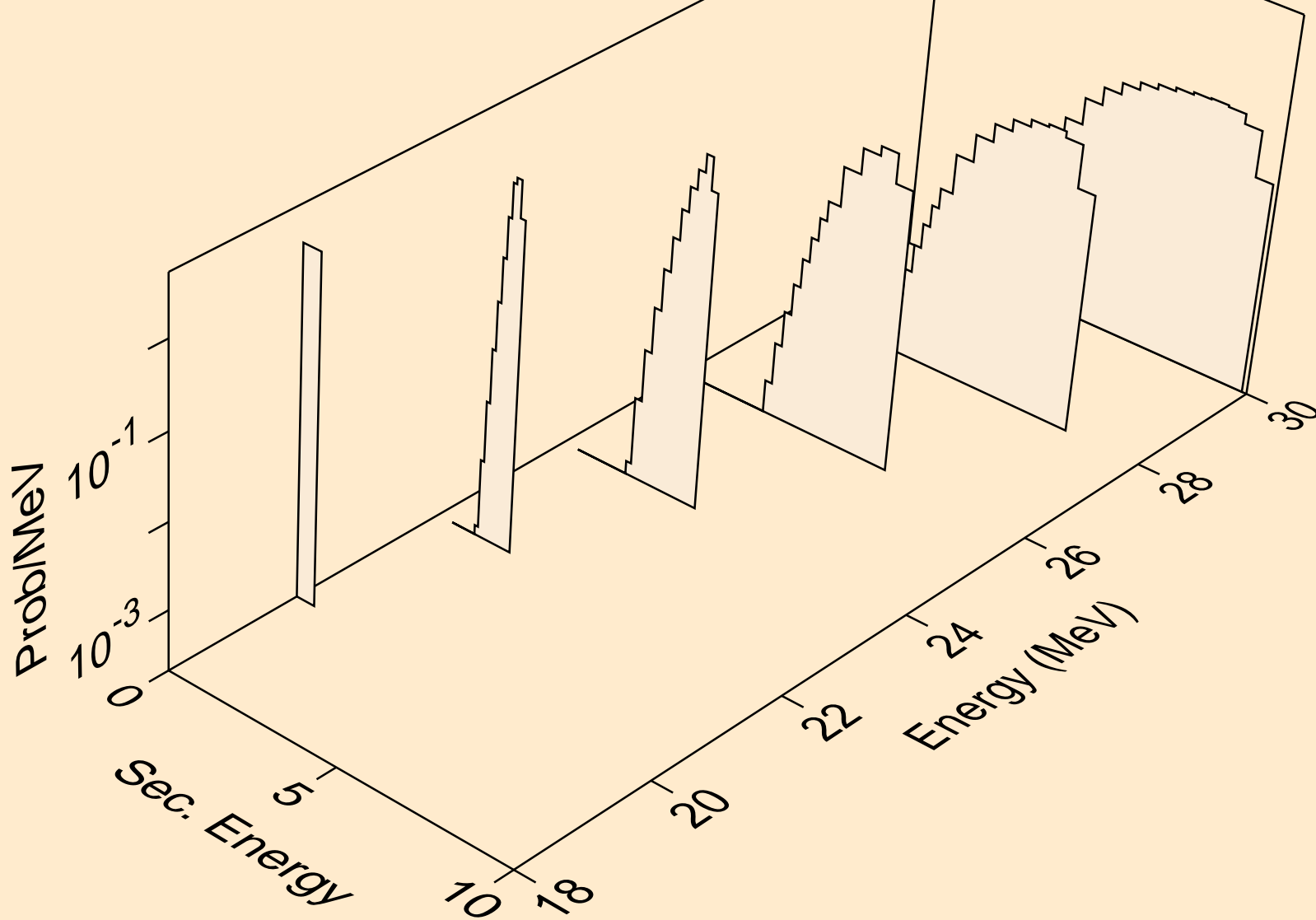




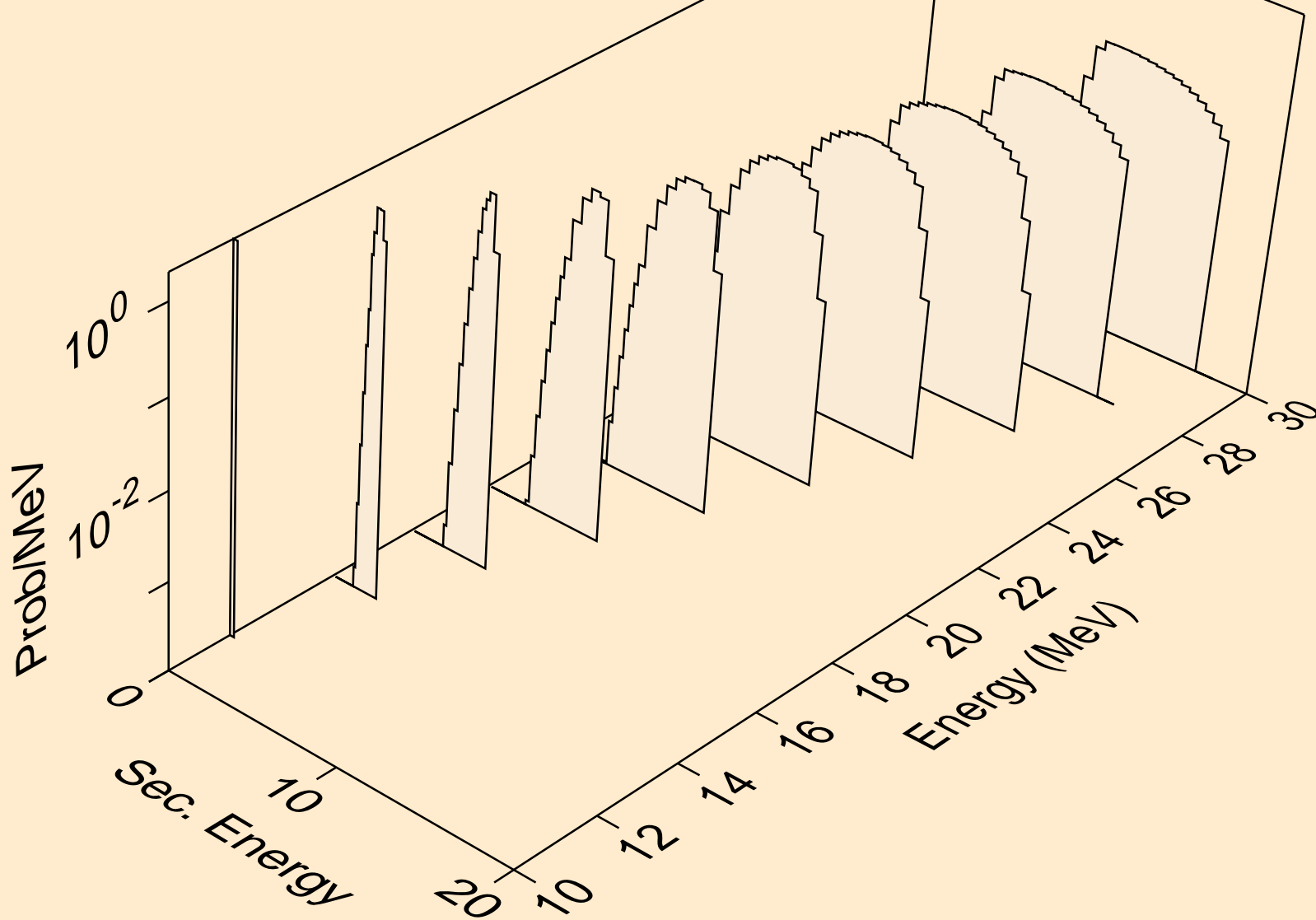
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



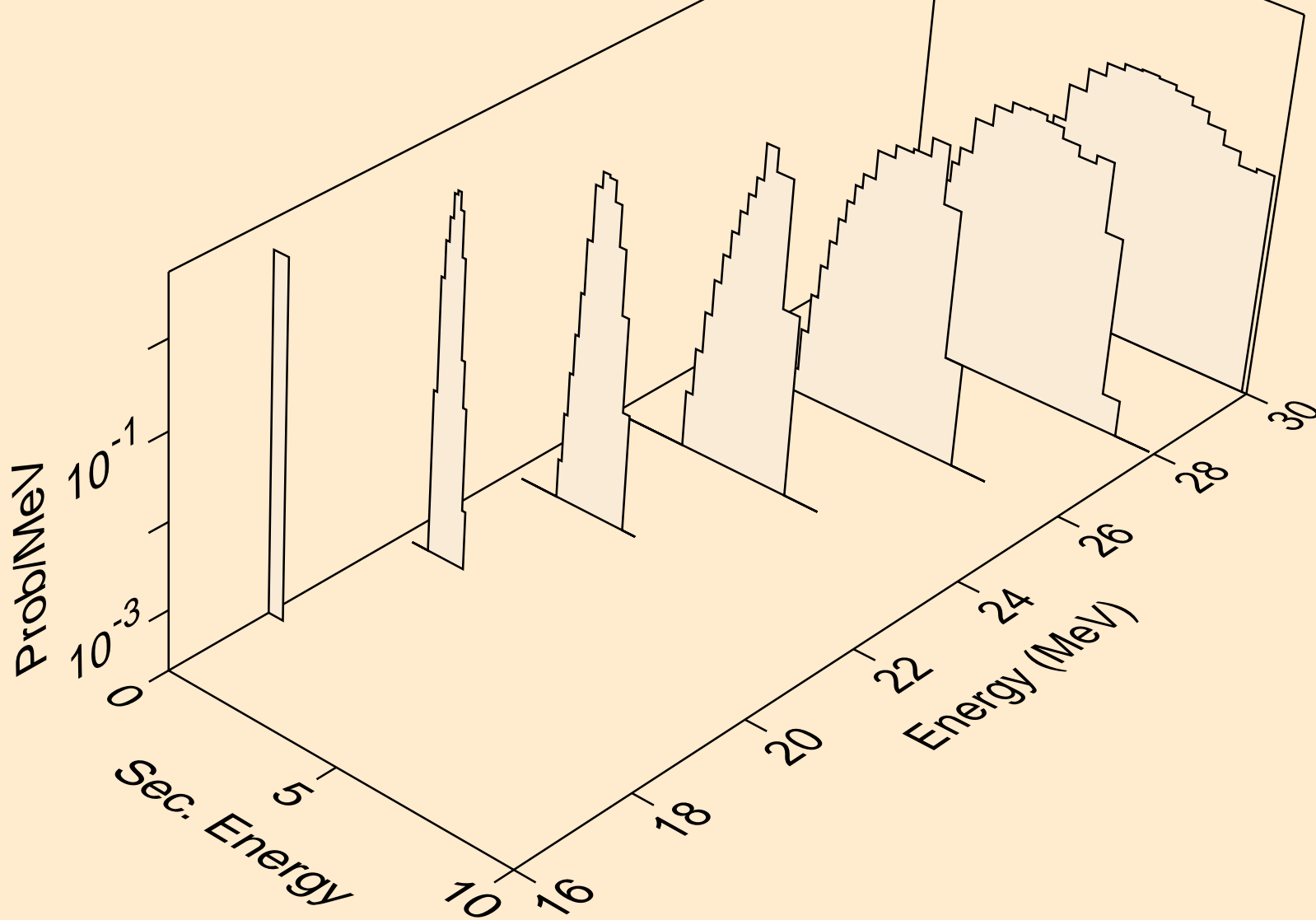
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



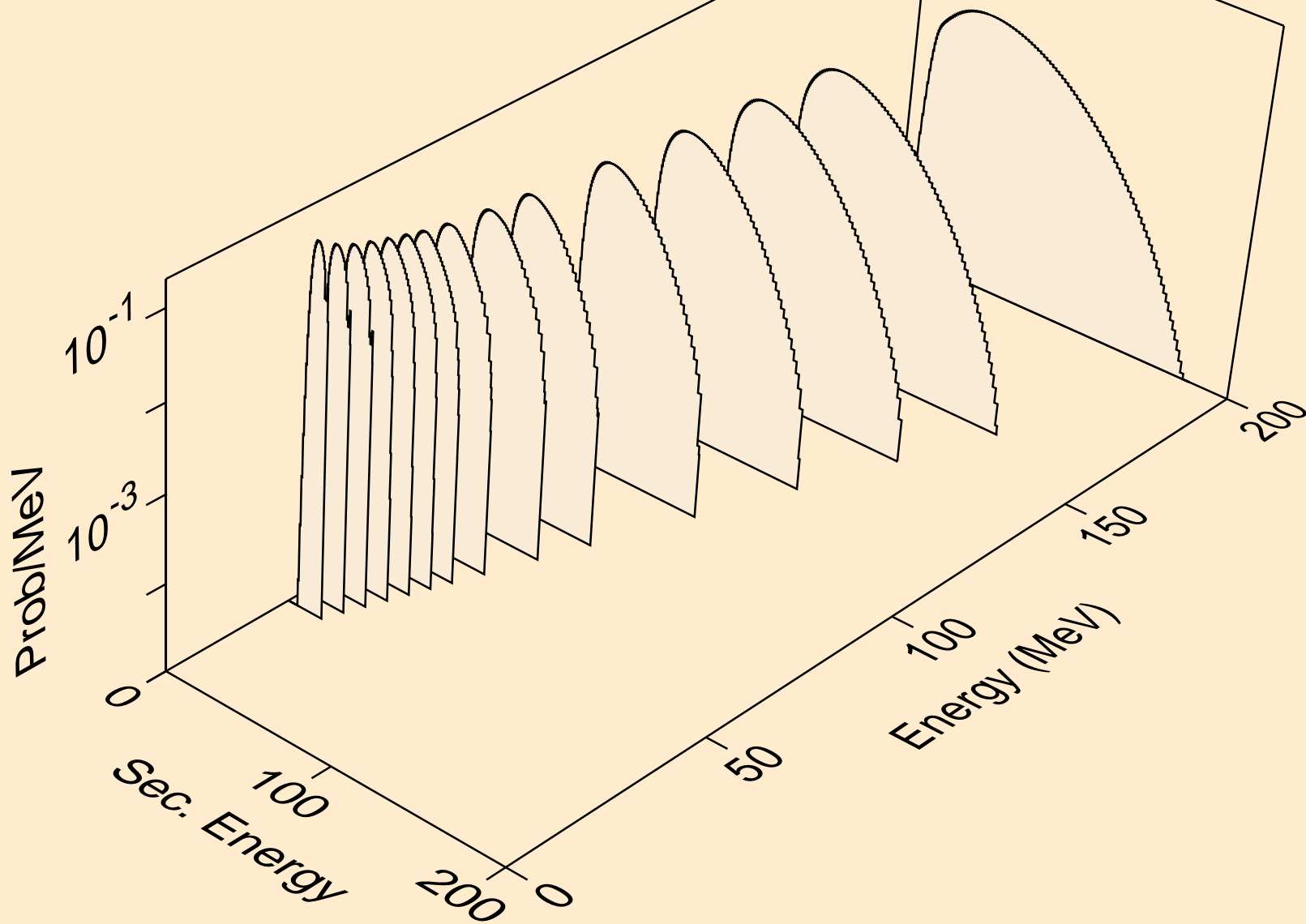
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tritons from (n,t)



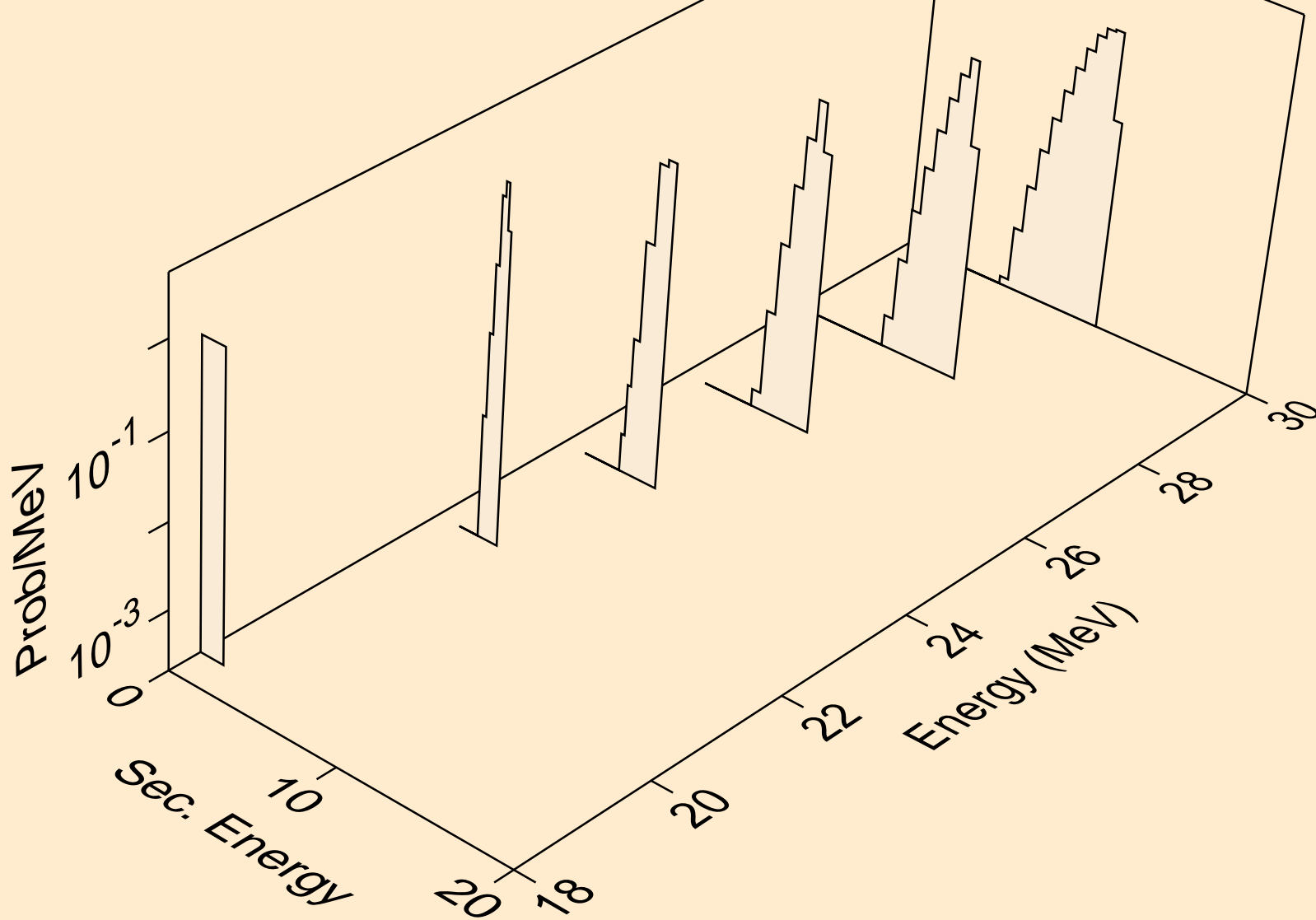
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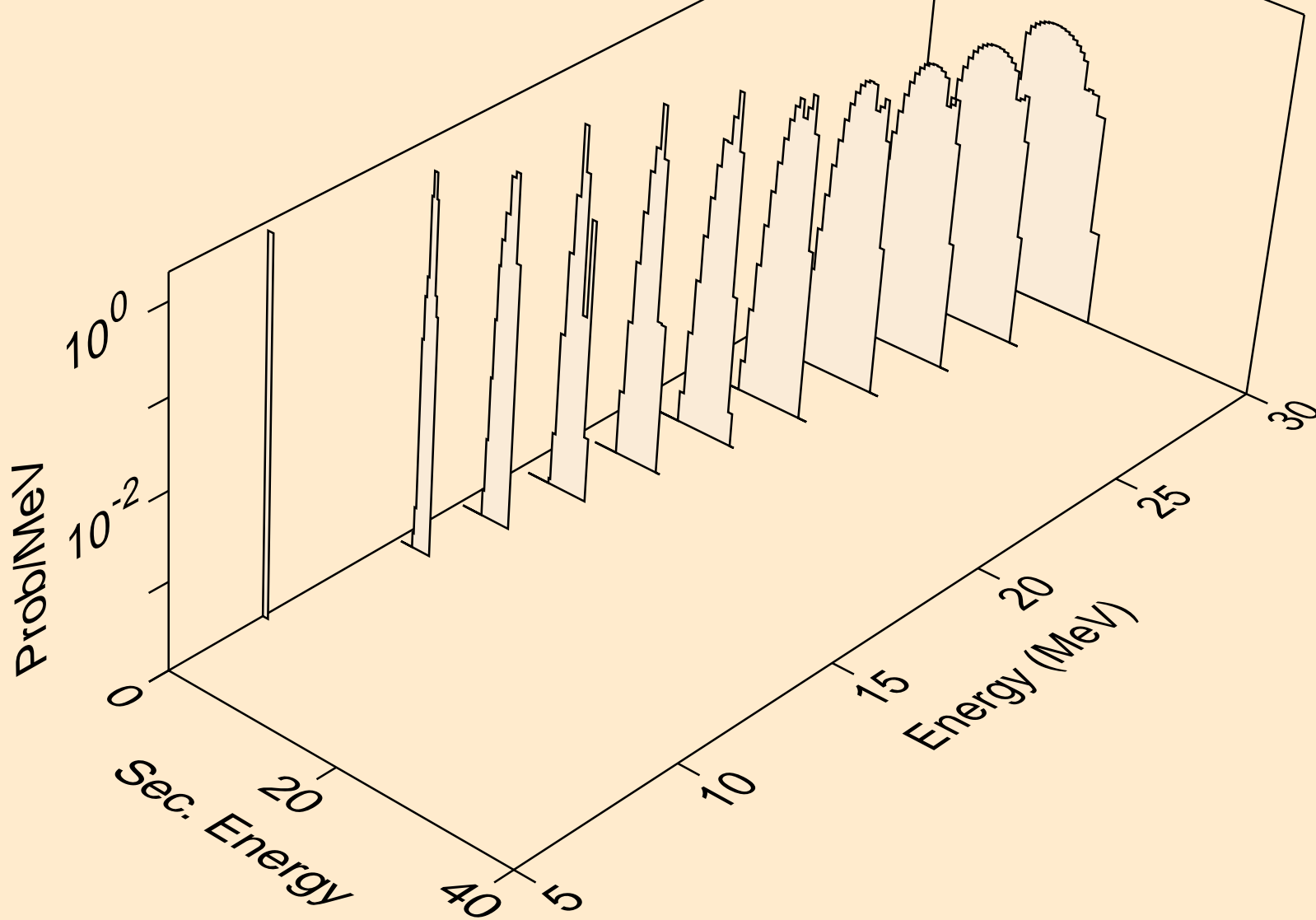
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he3s from (n,x)



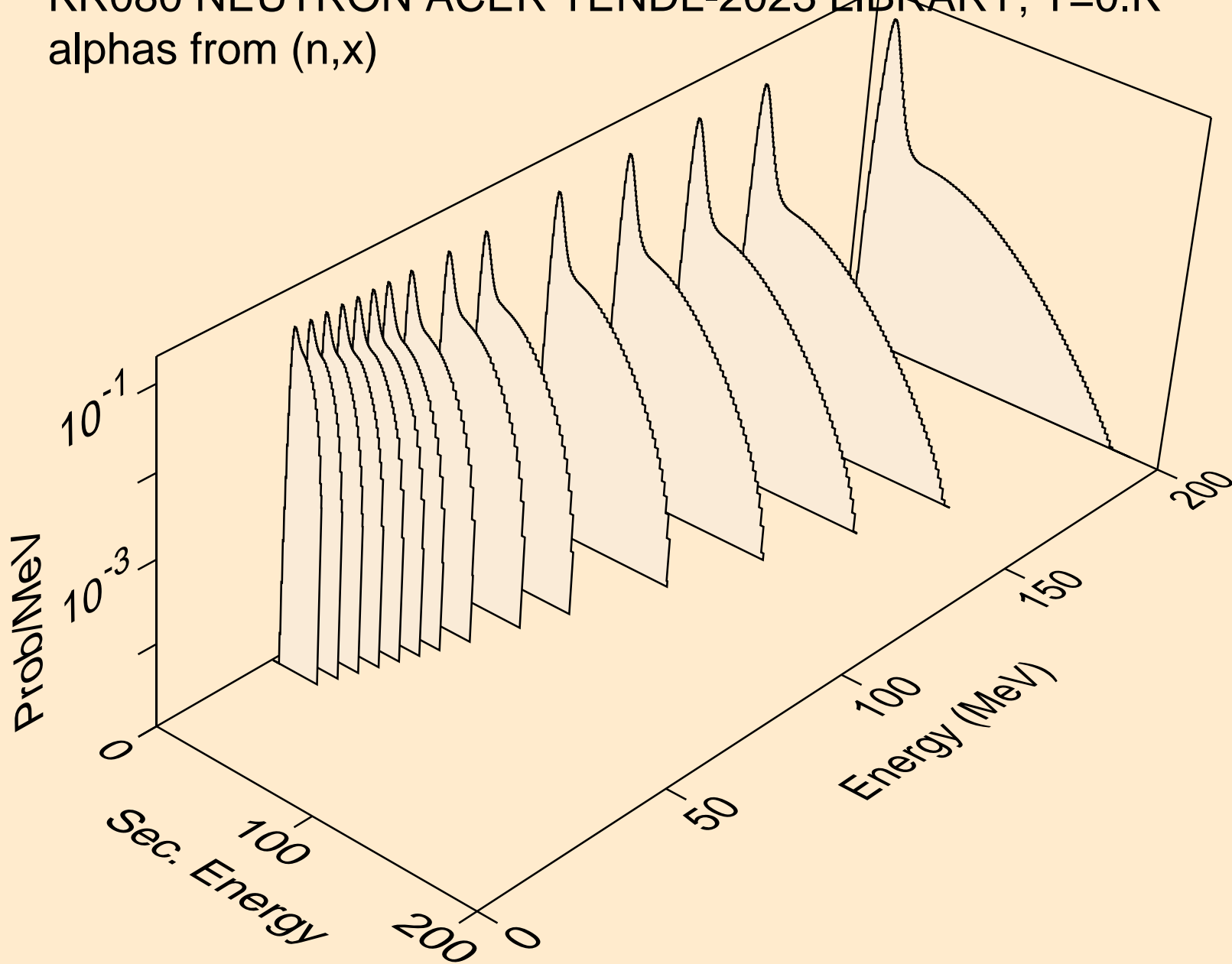
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

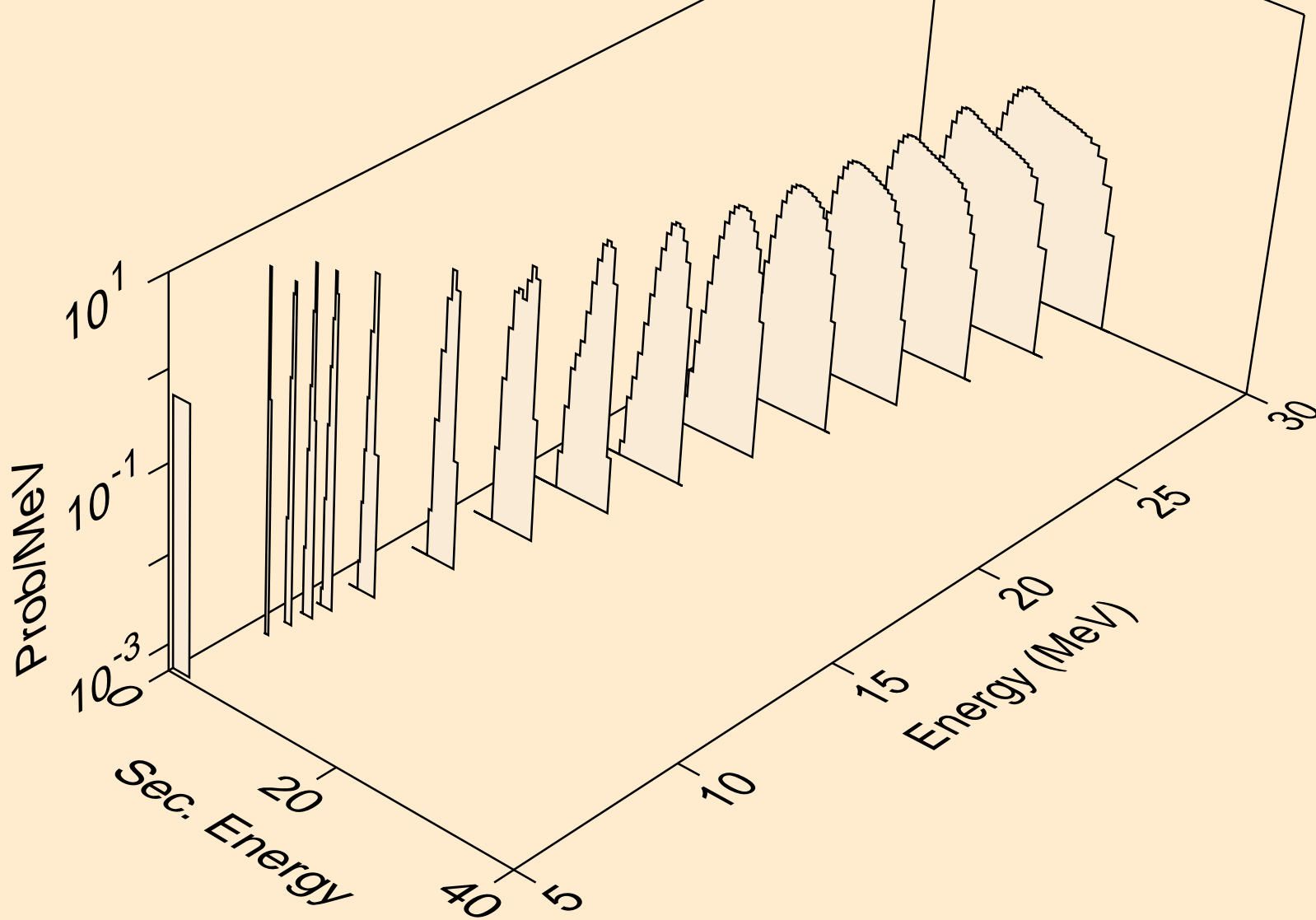


KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

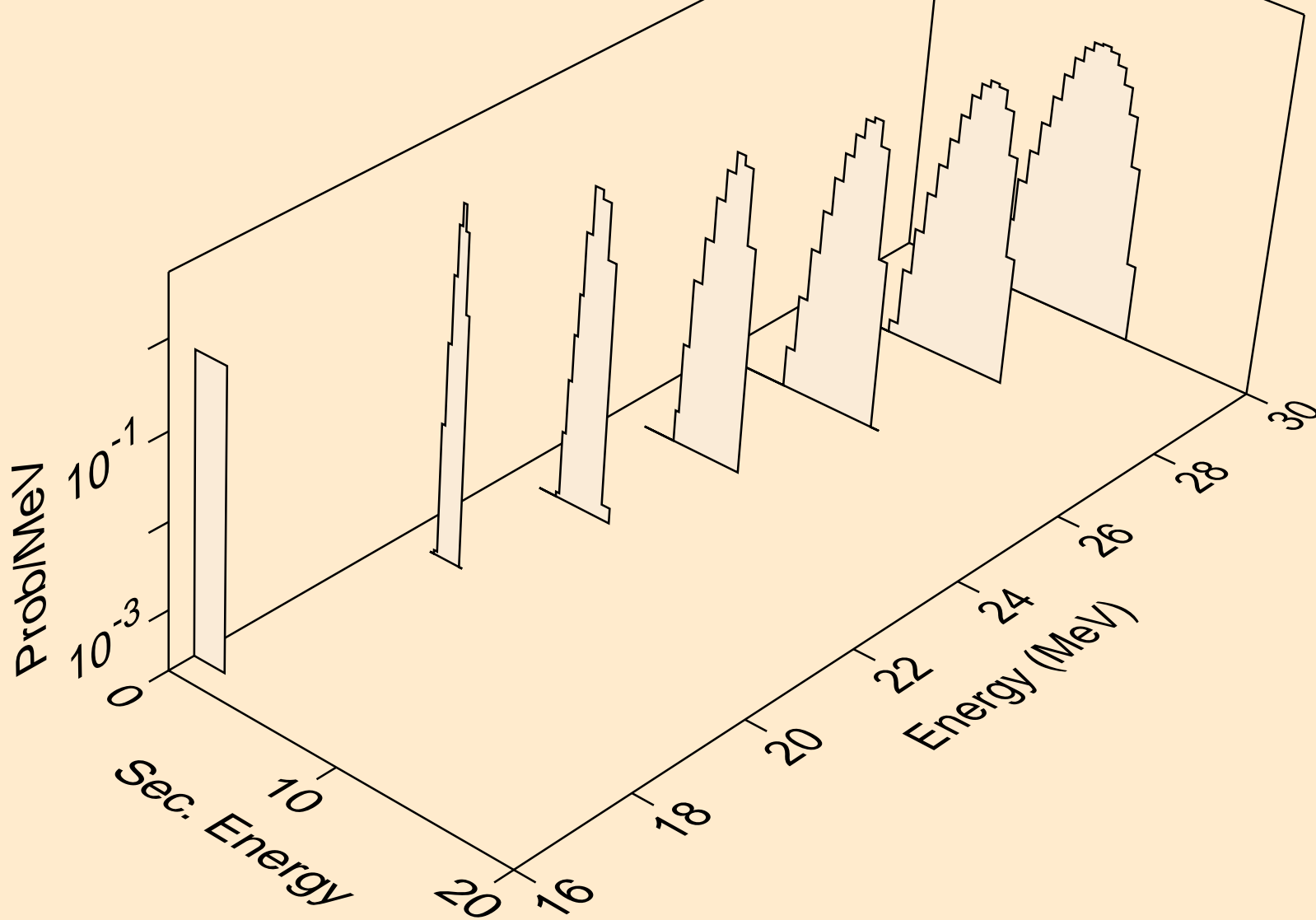




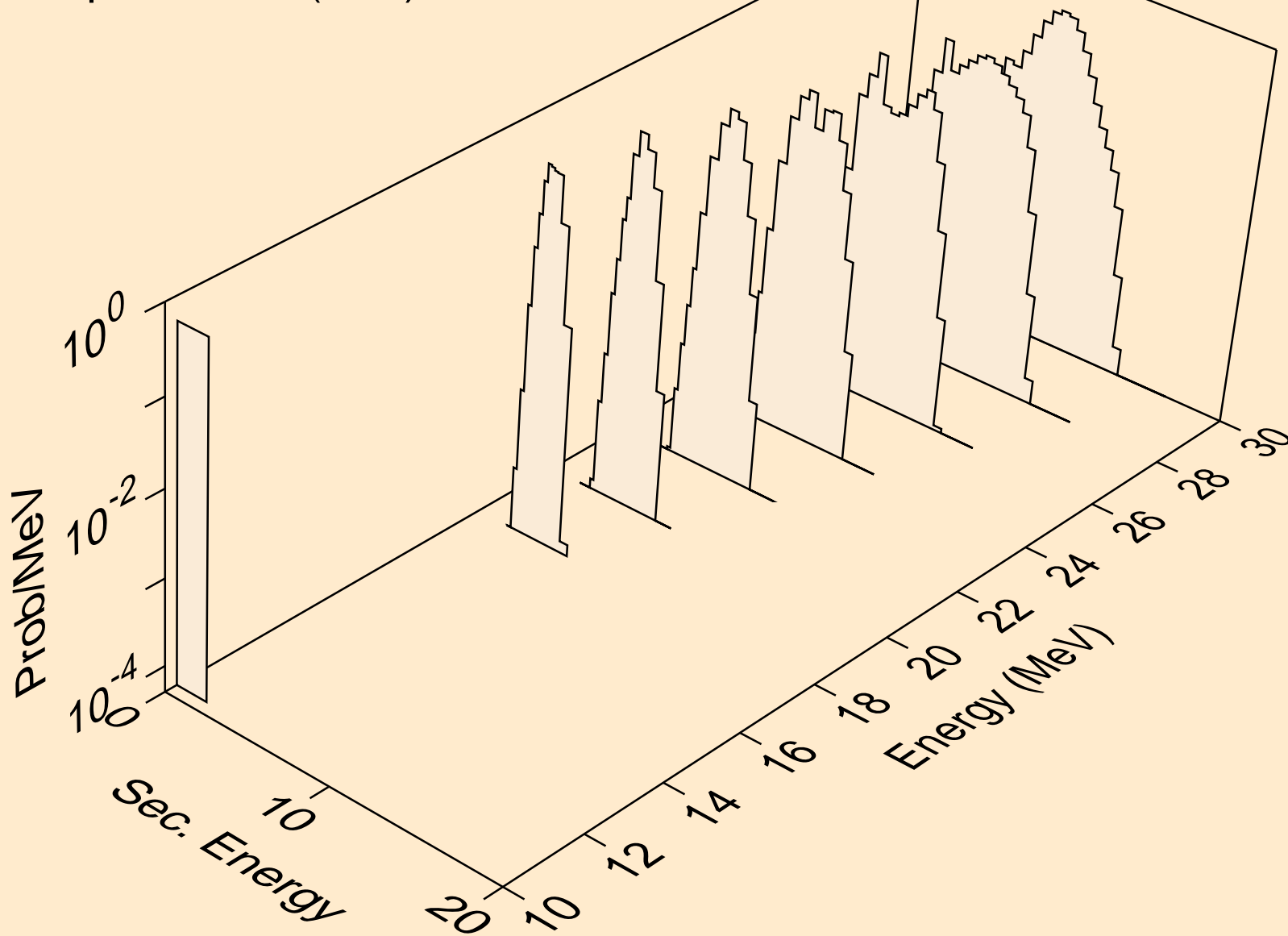
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



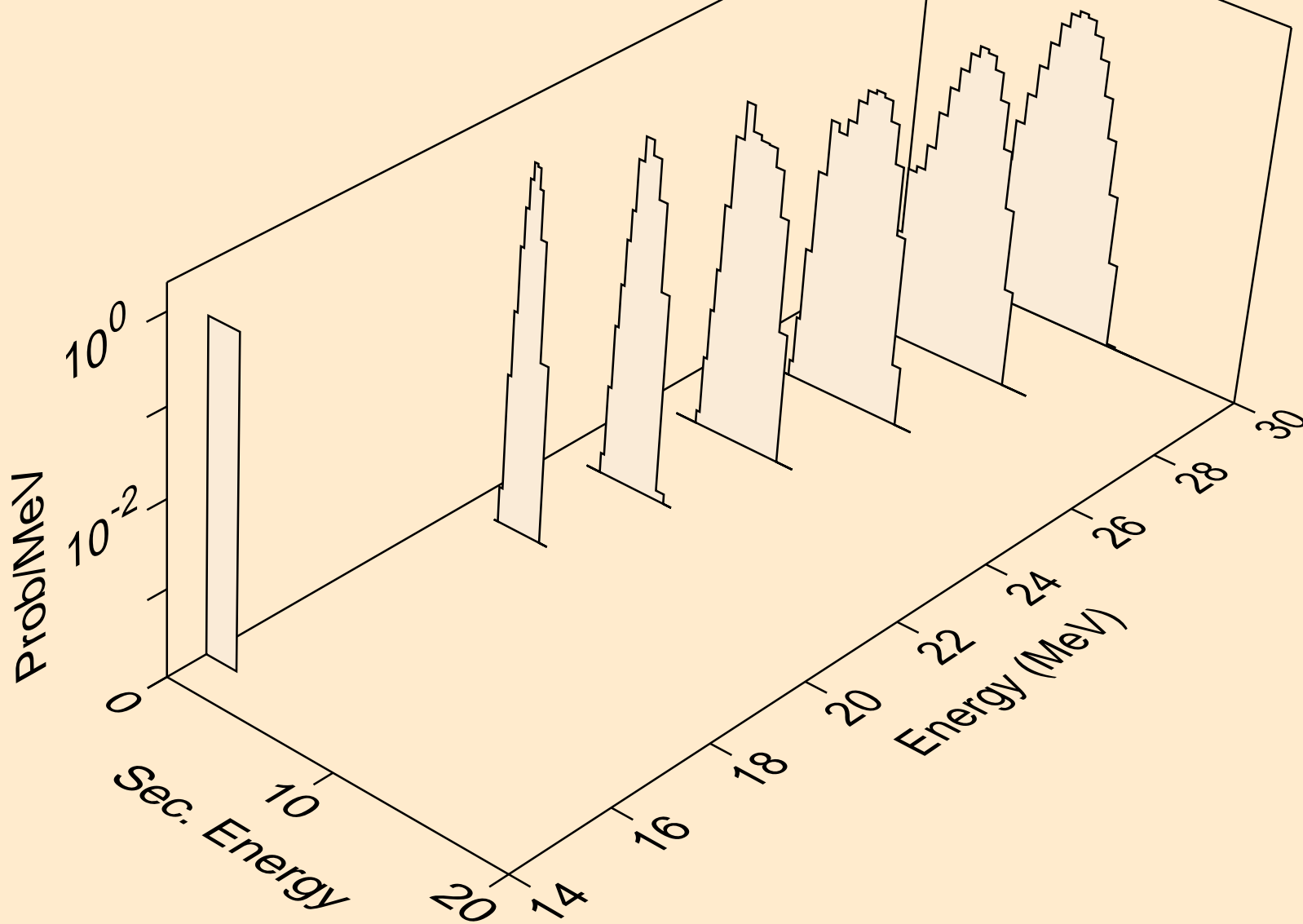
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alphas from (n,2n)a



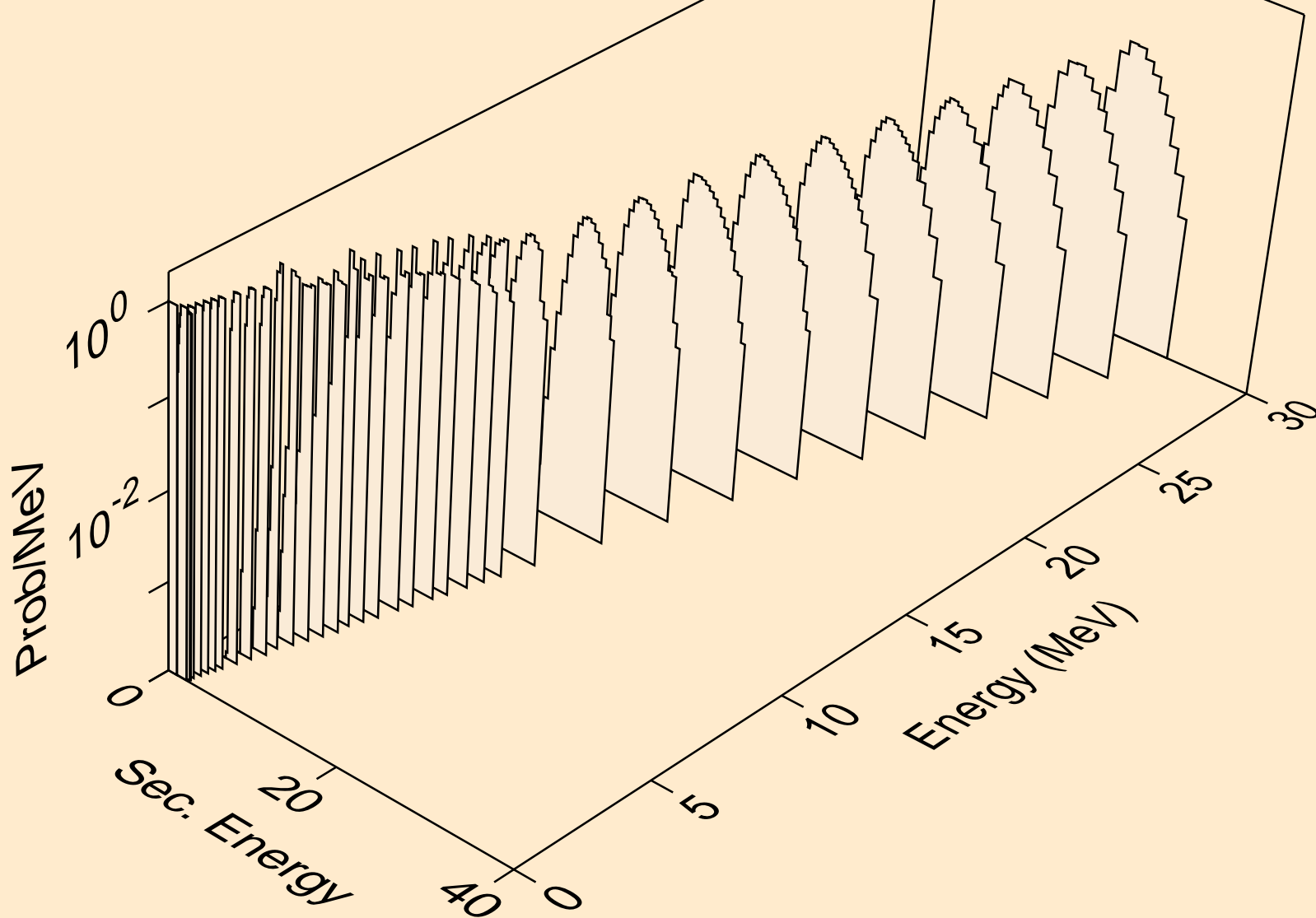
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alphas from (n,n\*)2a



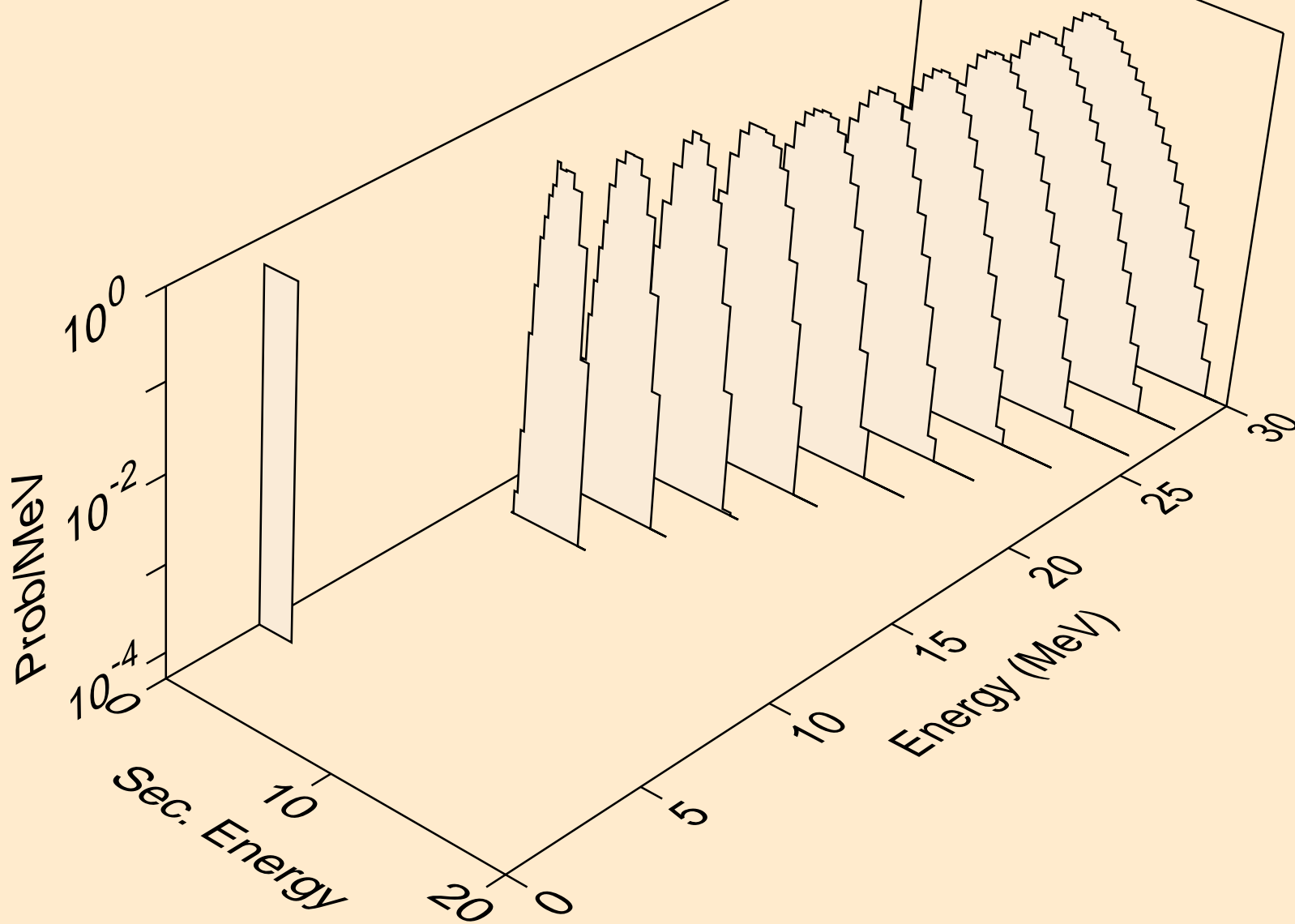
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alphas from (n,npa)



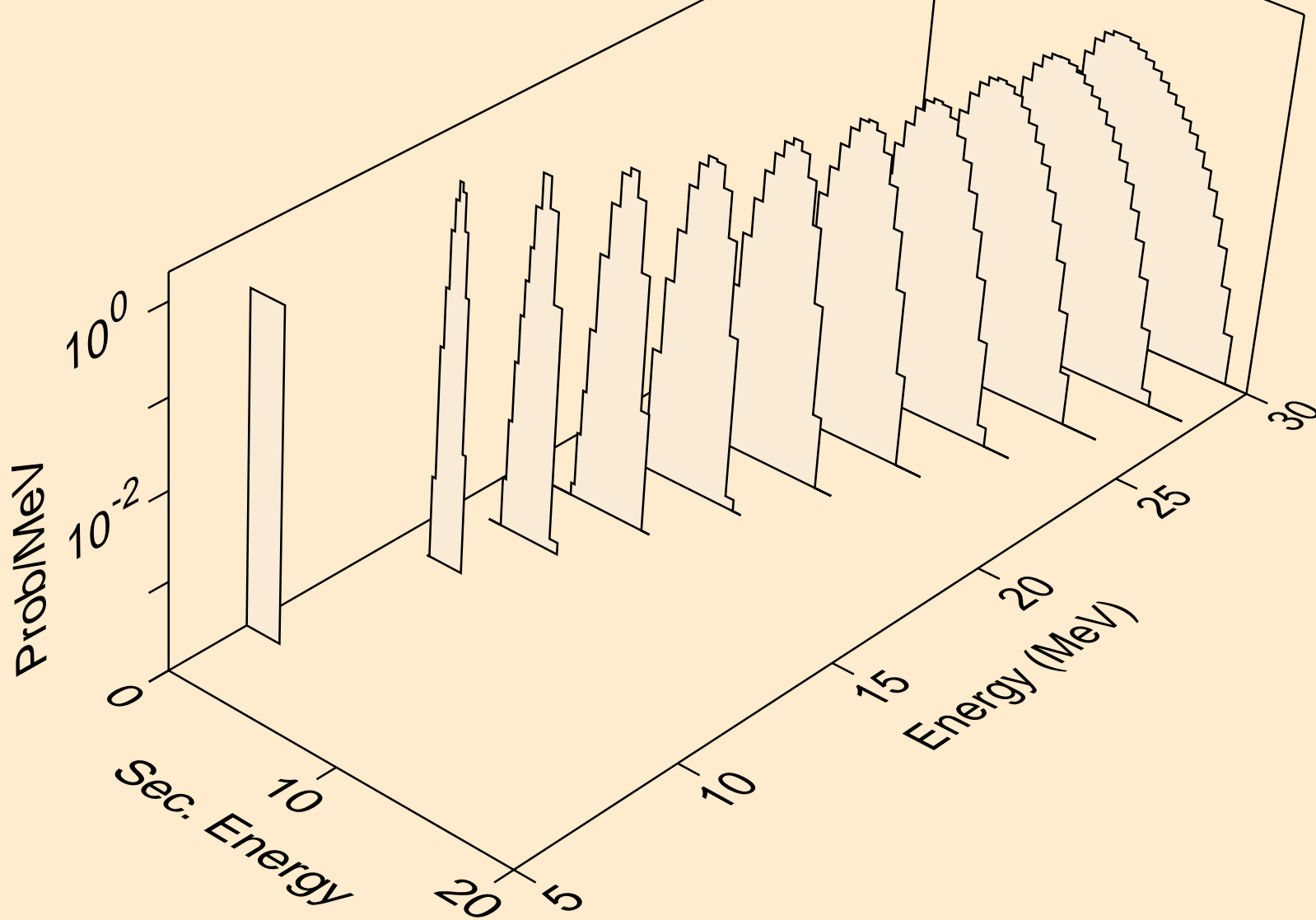
KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



KR080 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

