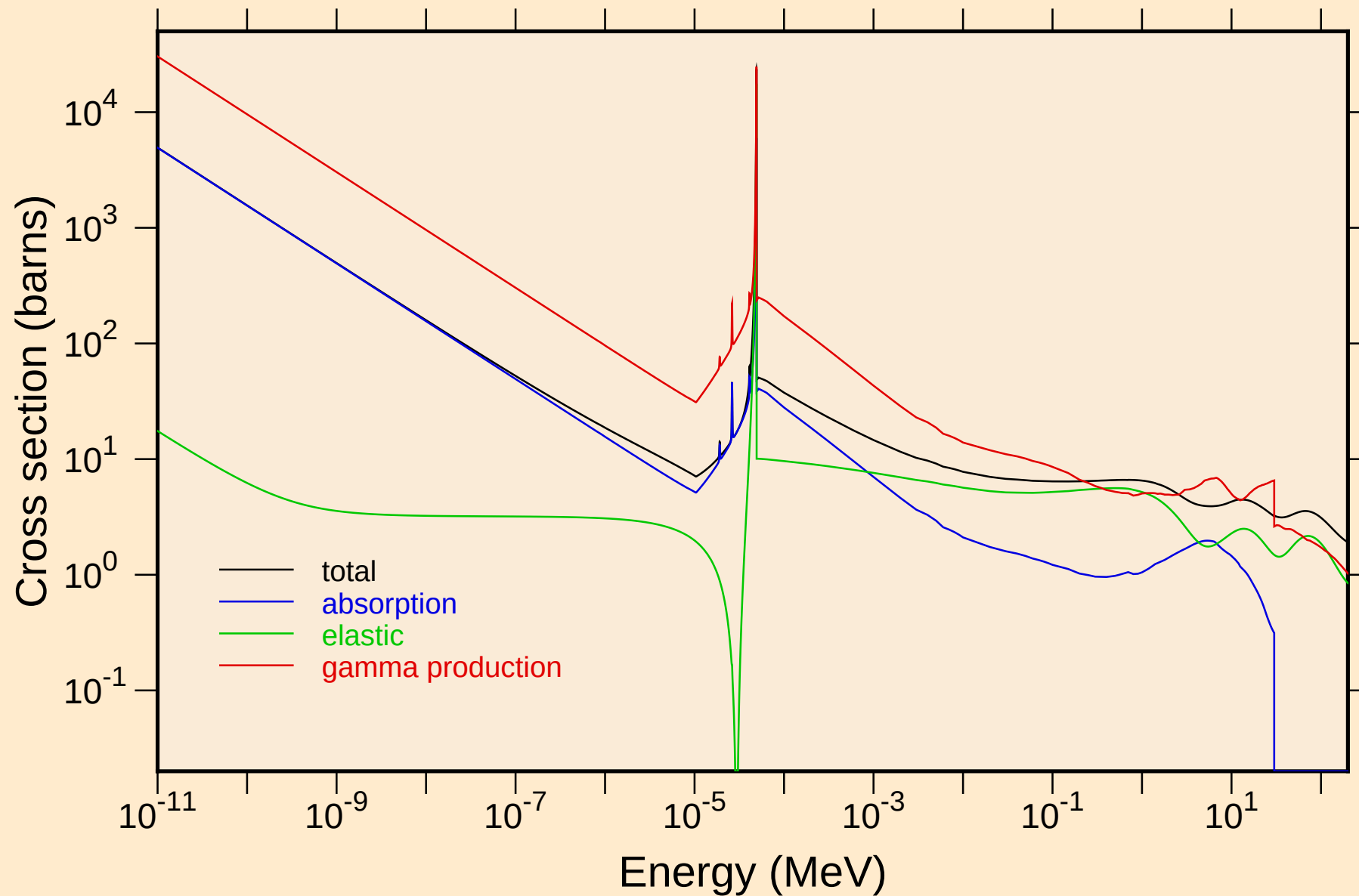
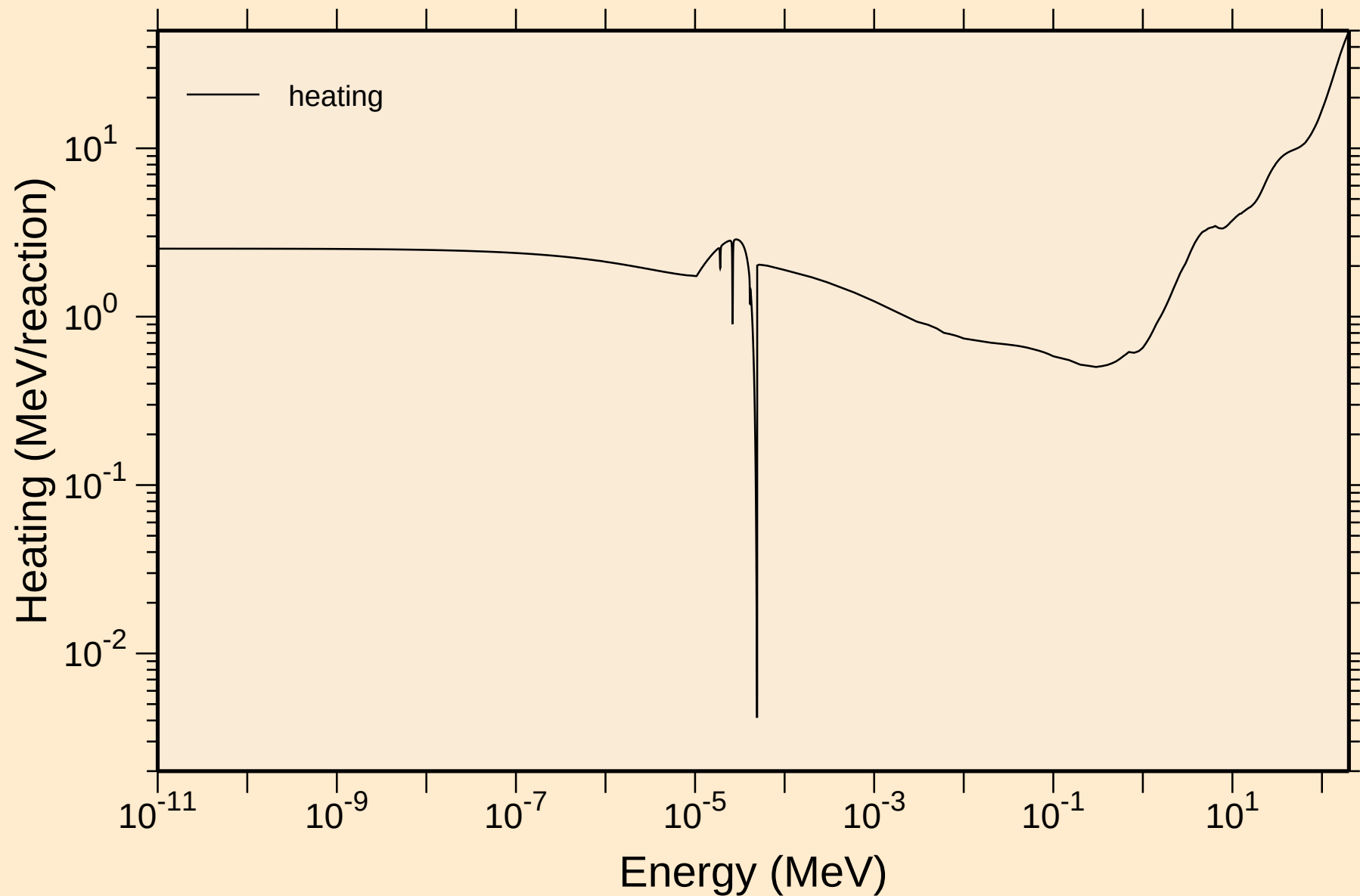


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



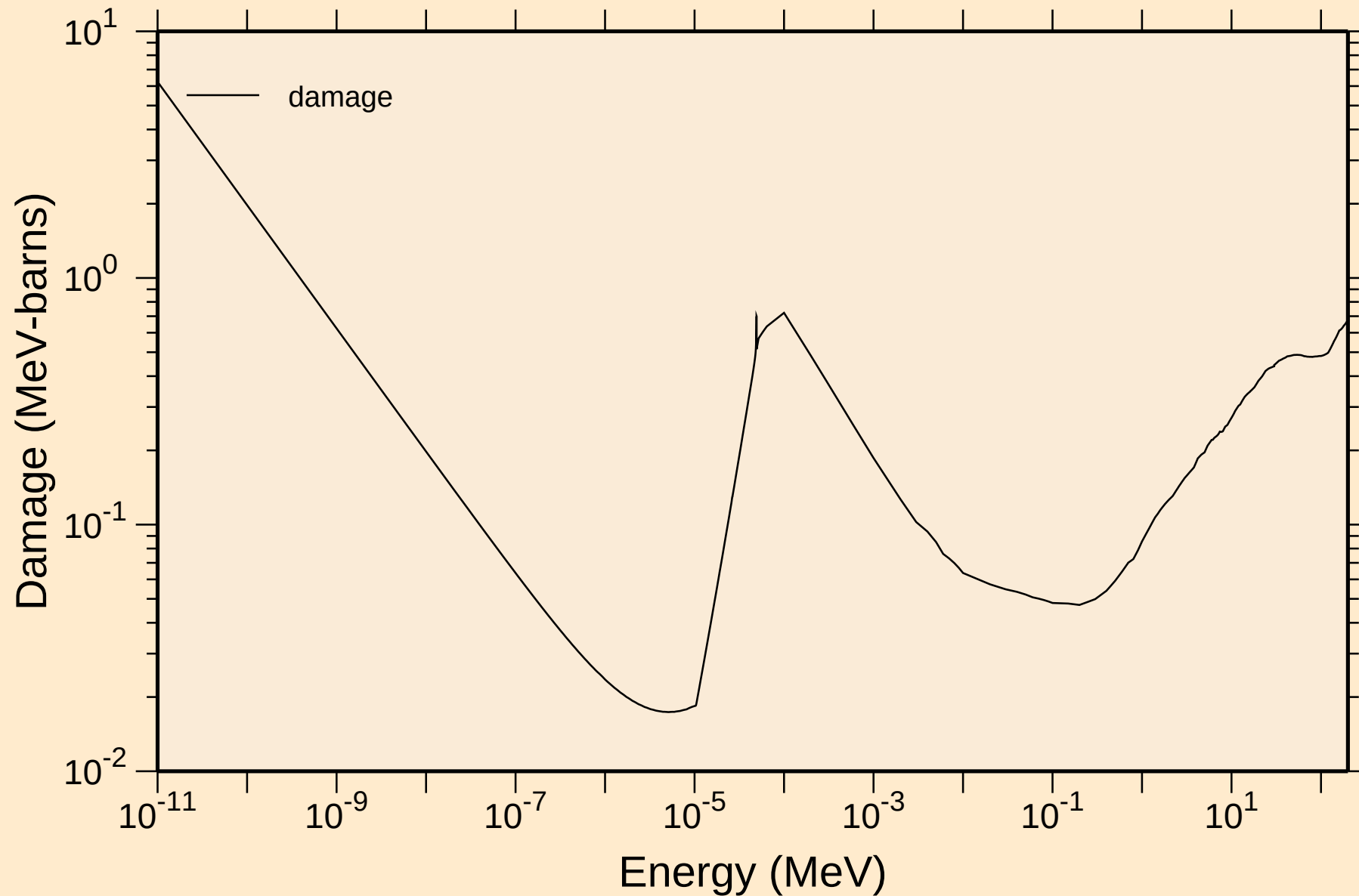
# TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

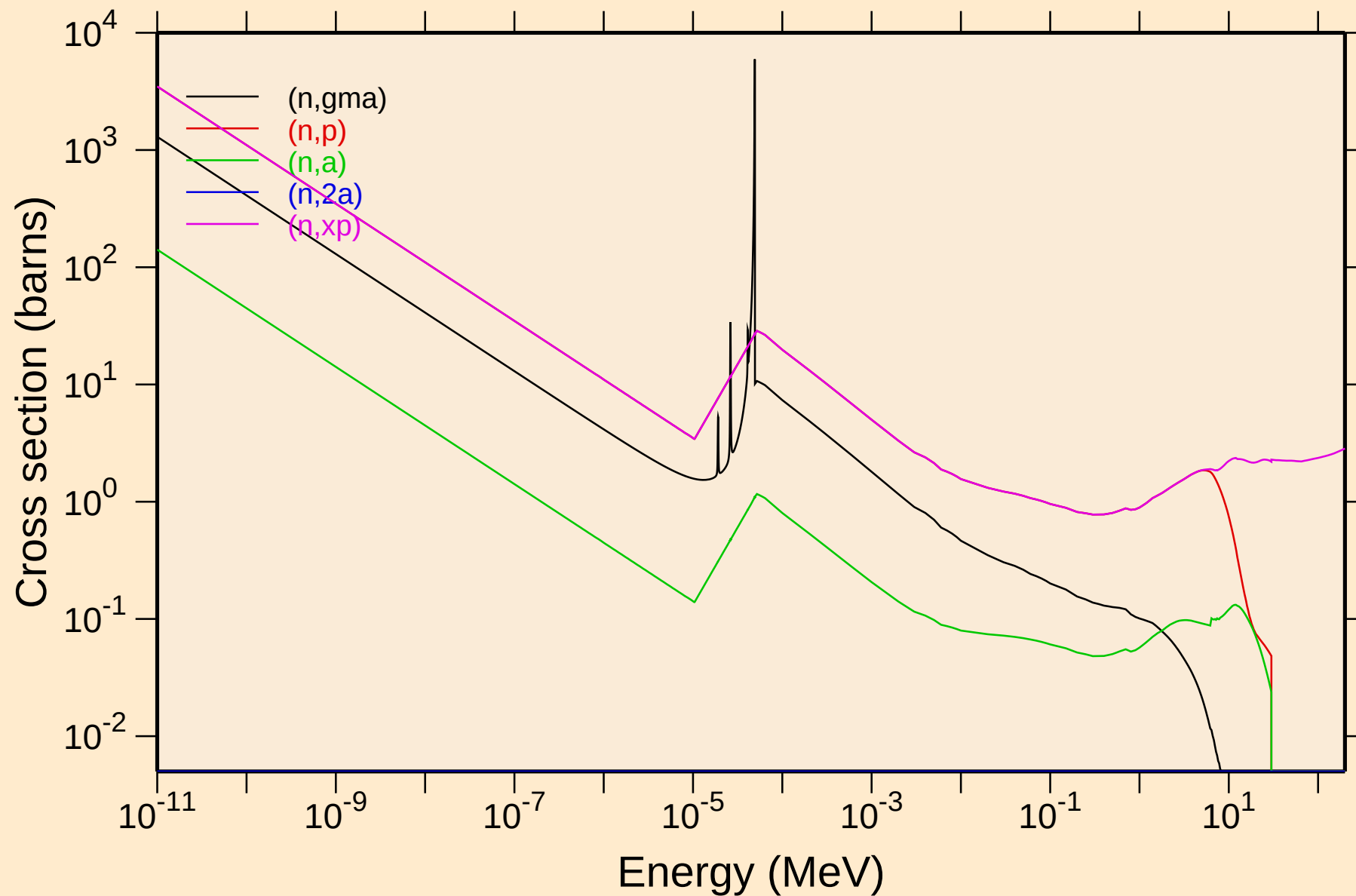


# TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

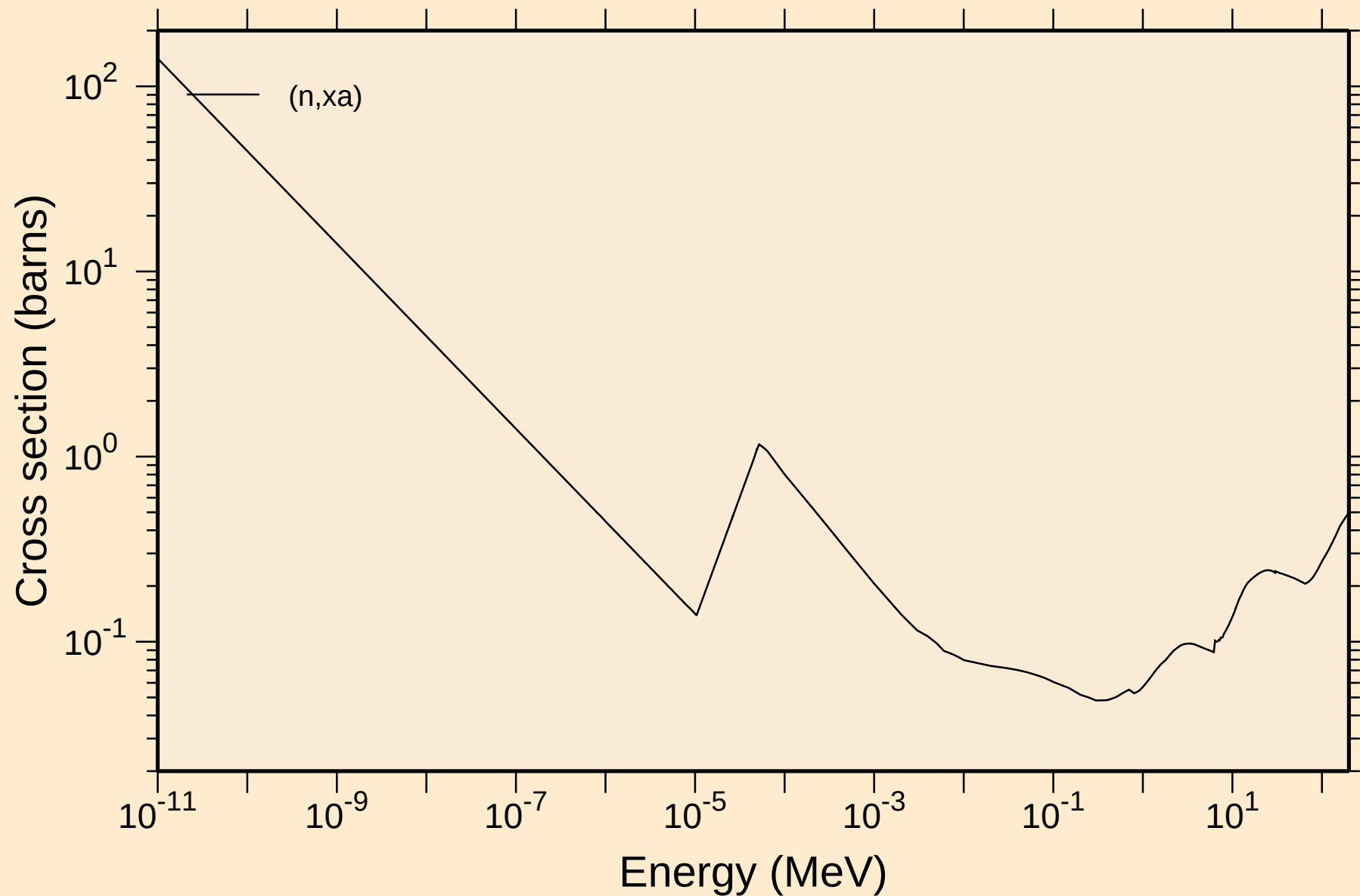
Damage



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

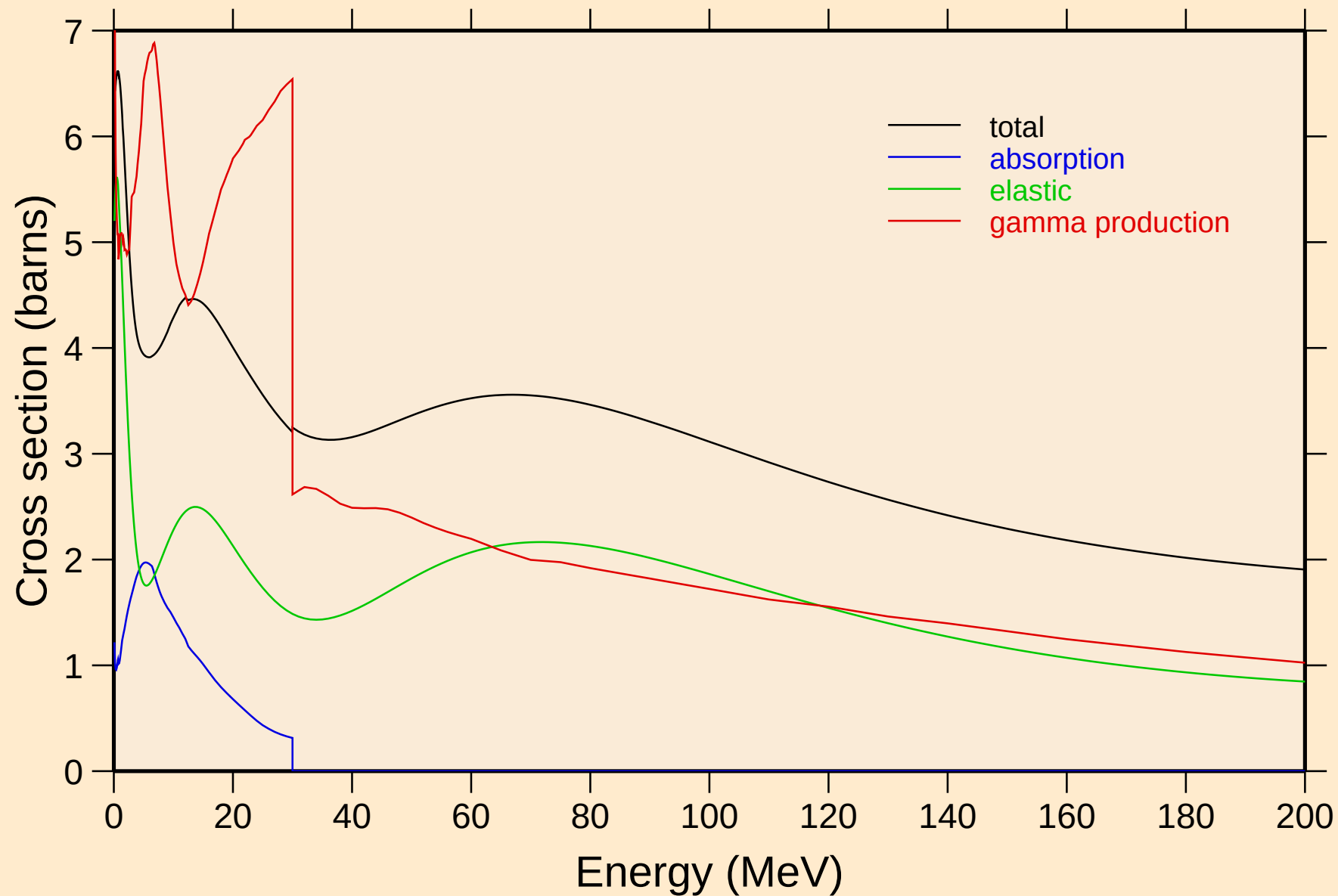


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



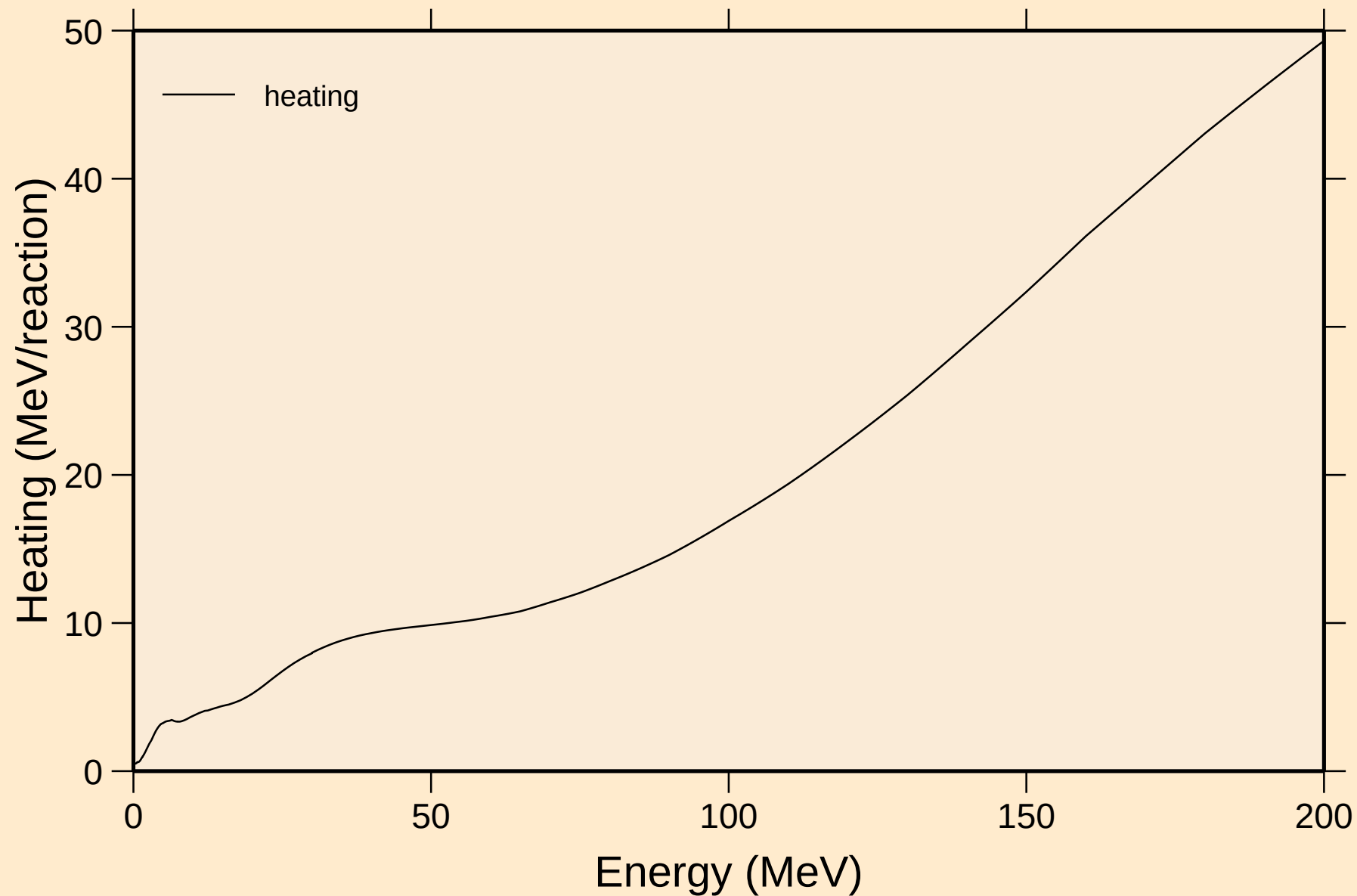
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## Principal cross sections



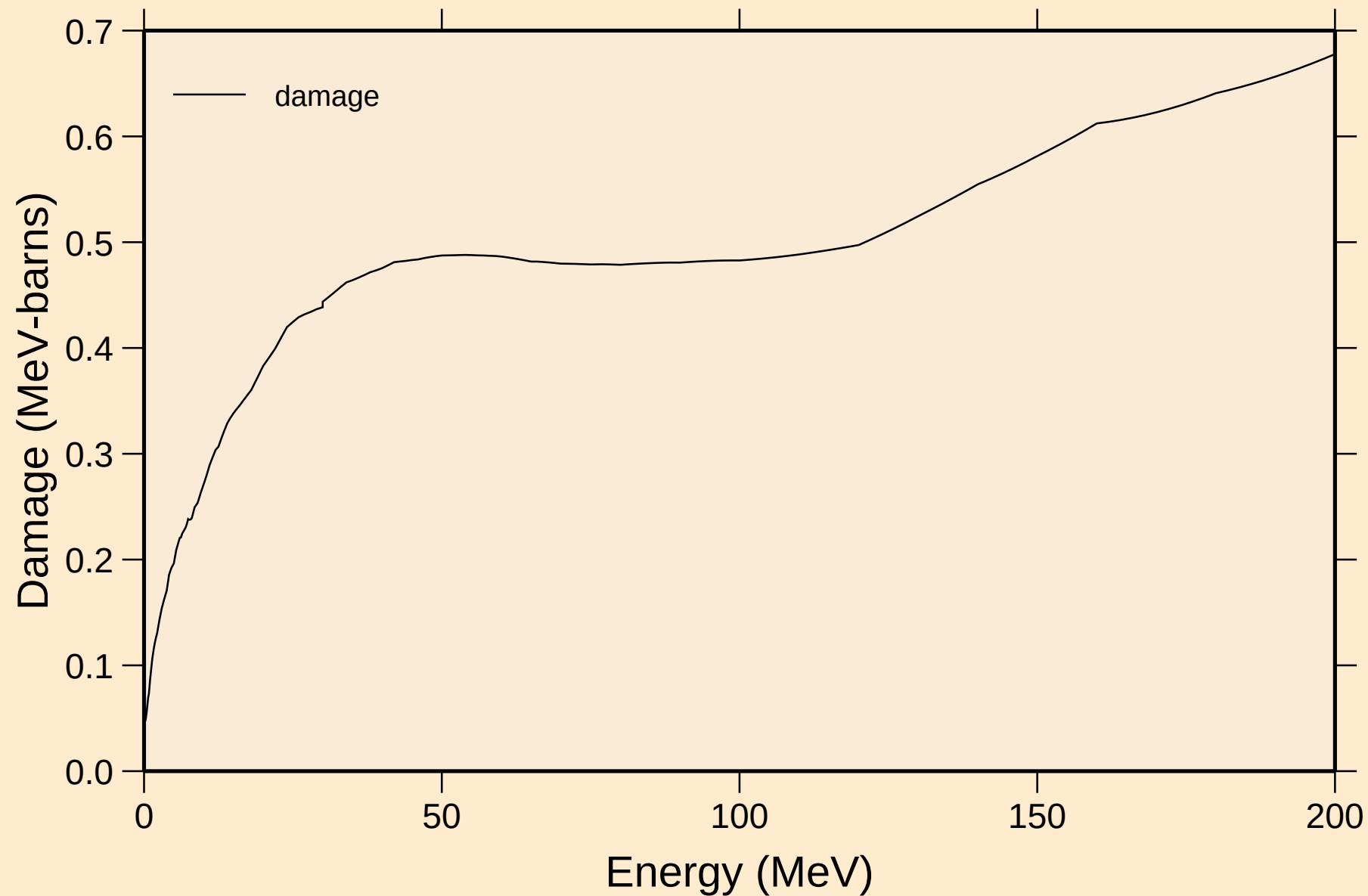
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Heating



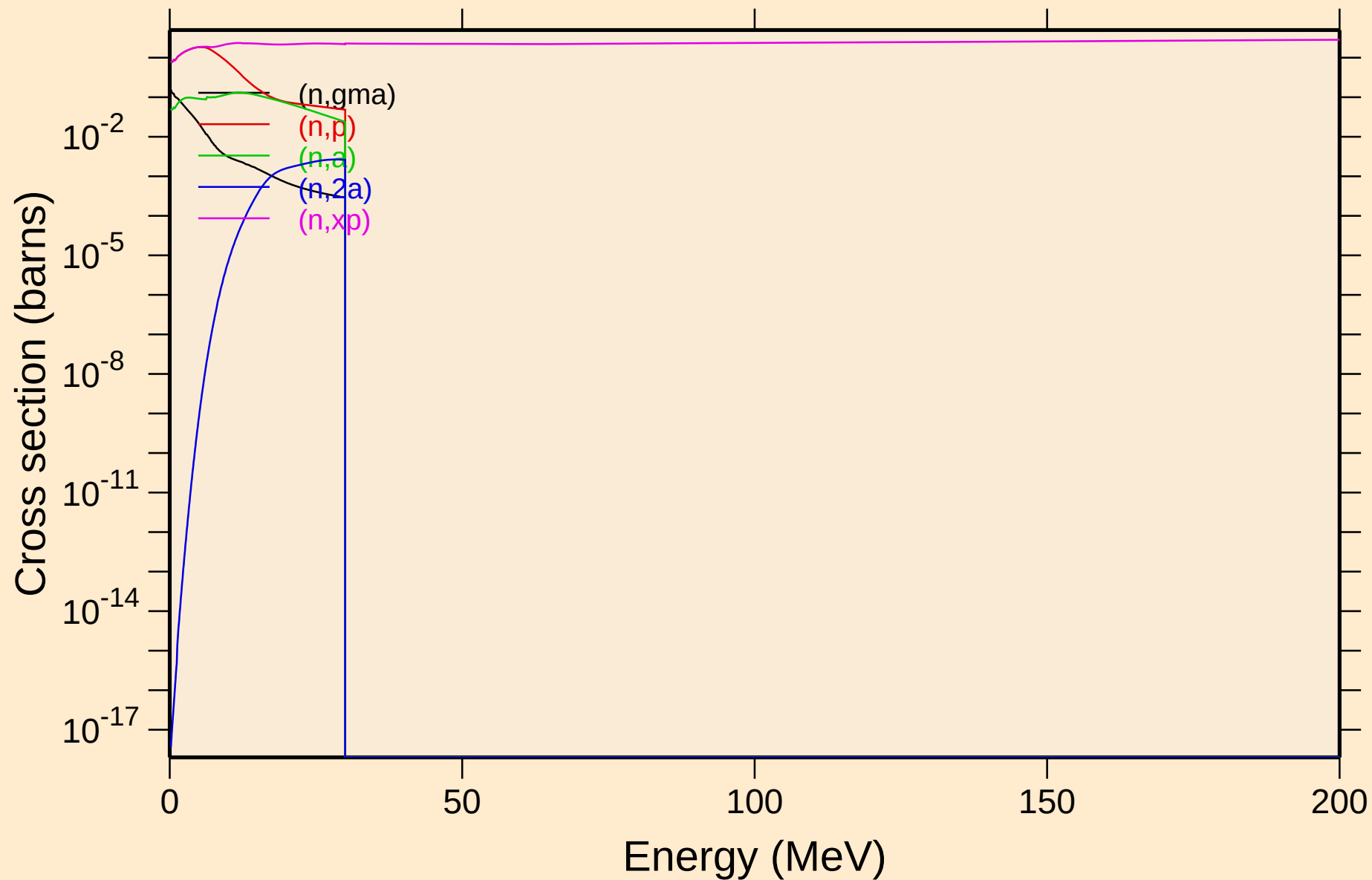
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Damage

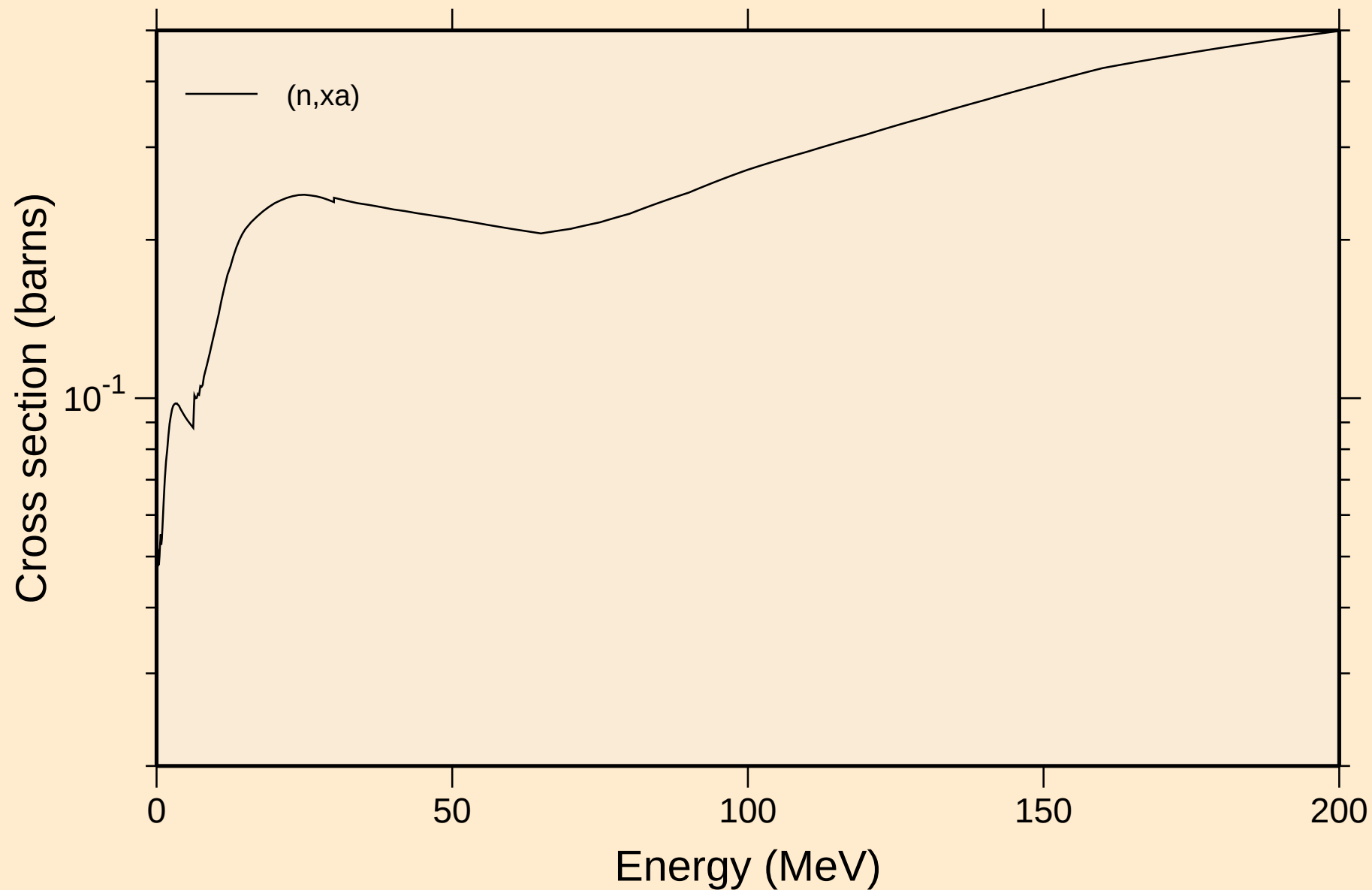




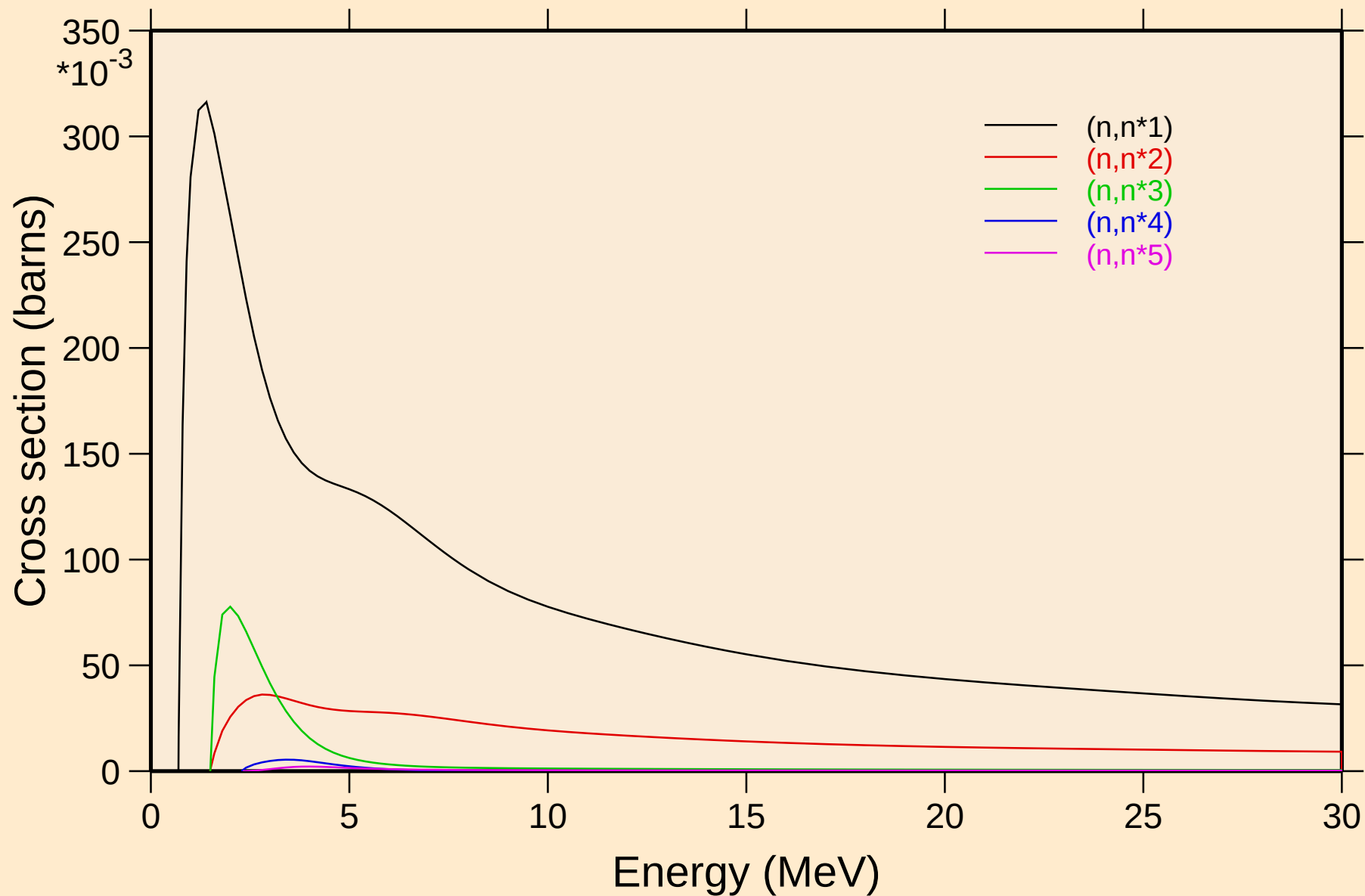
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

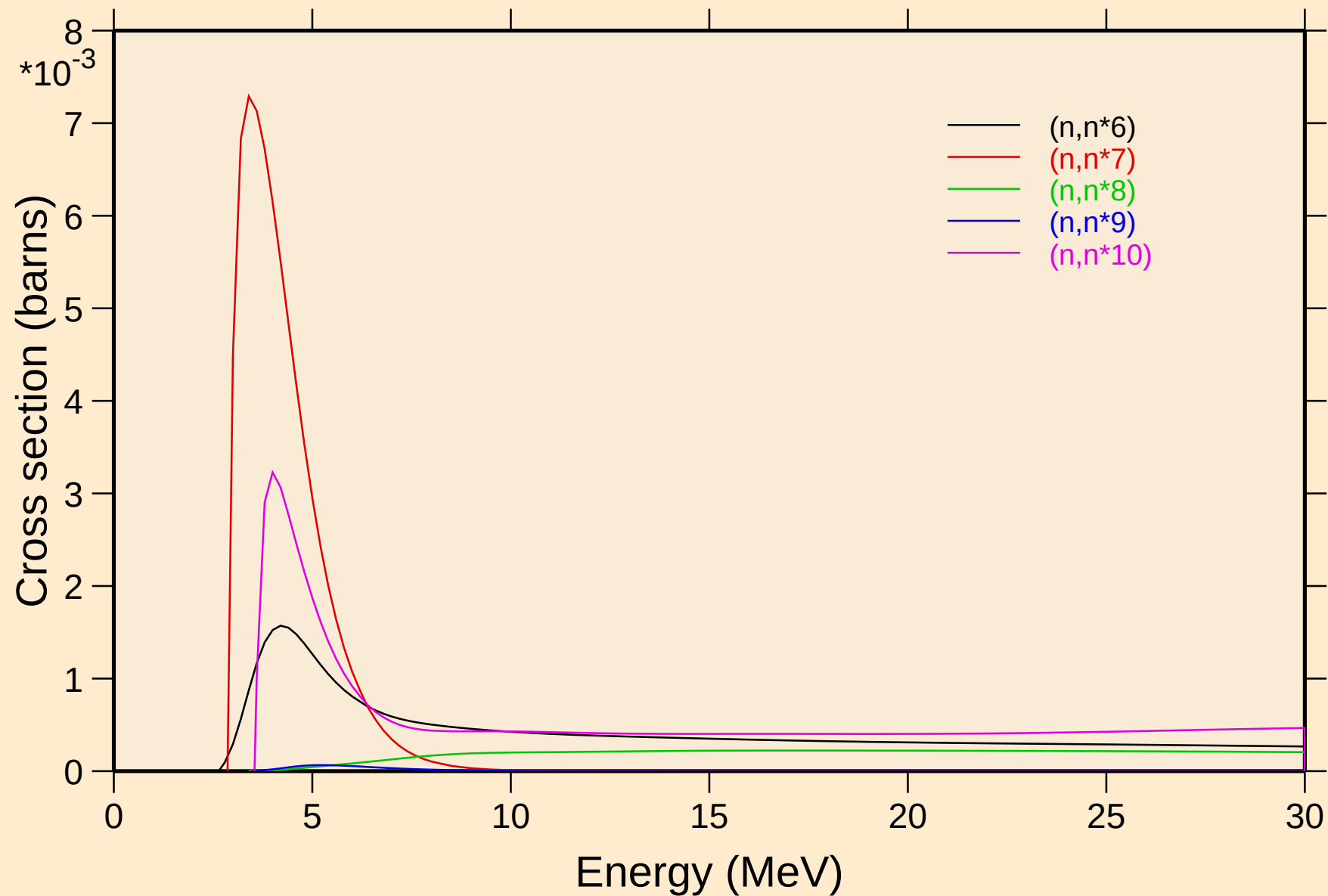


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



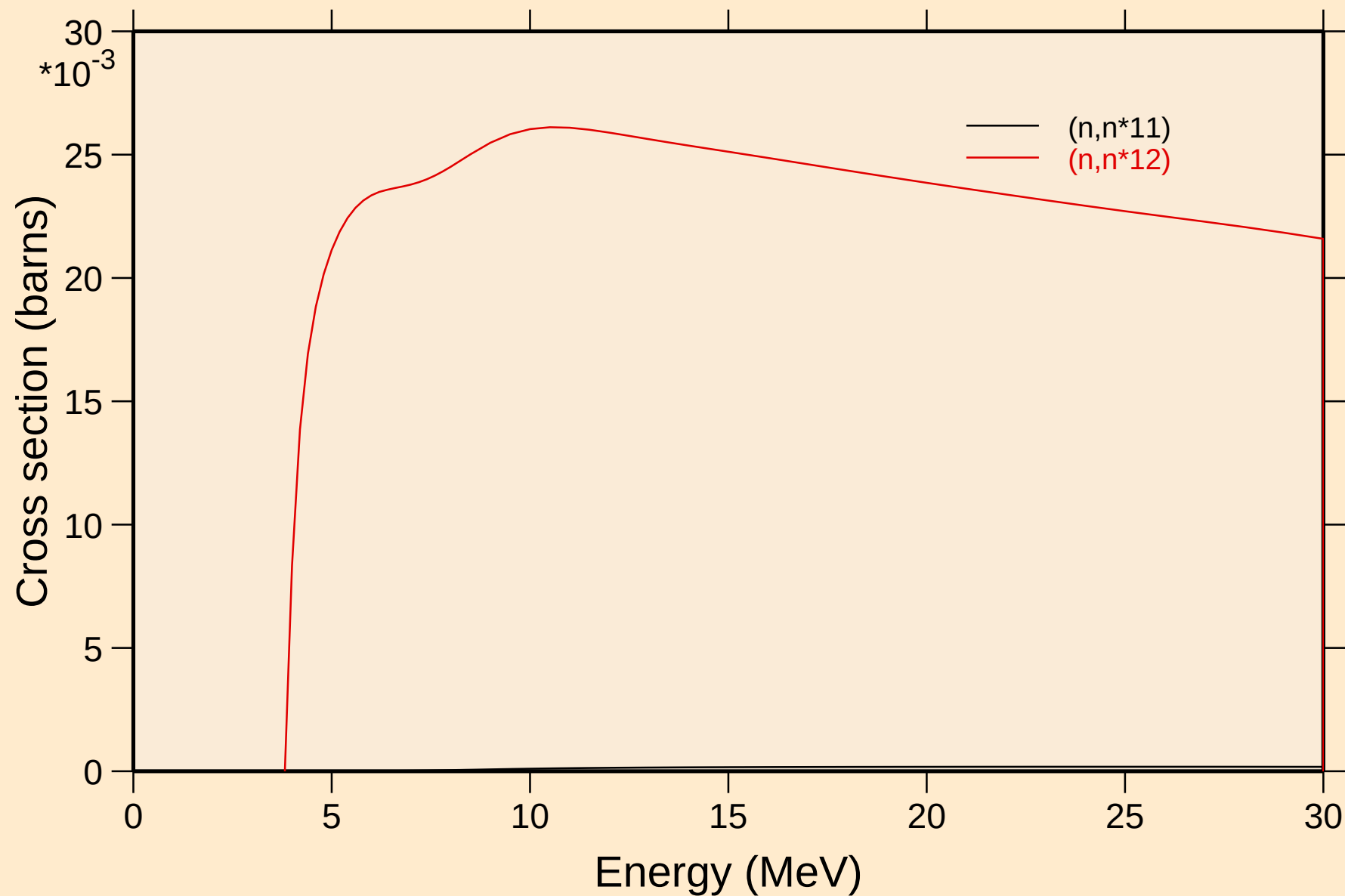
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## Inelastic levels



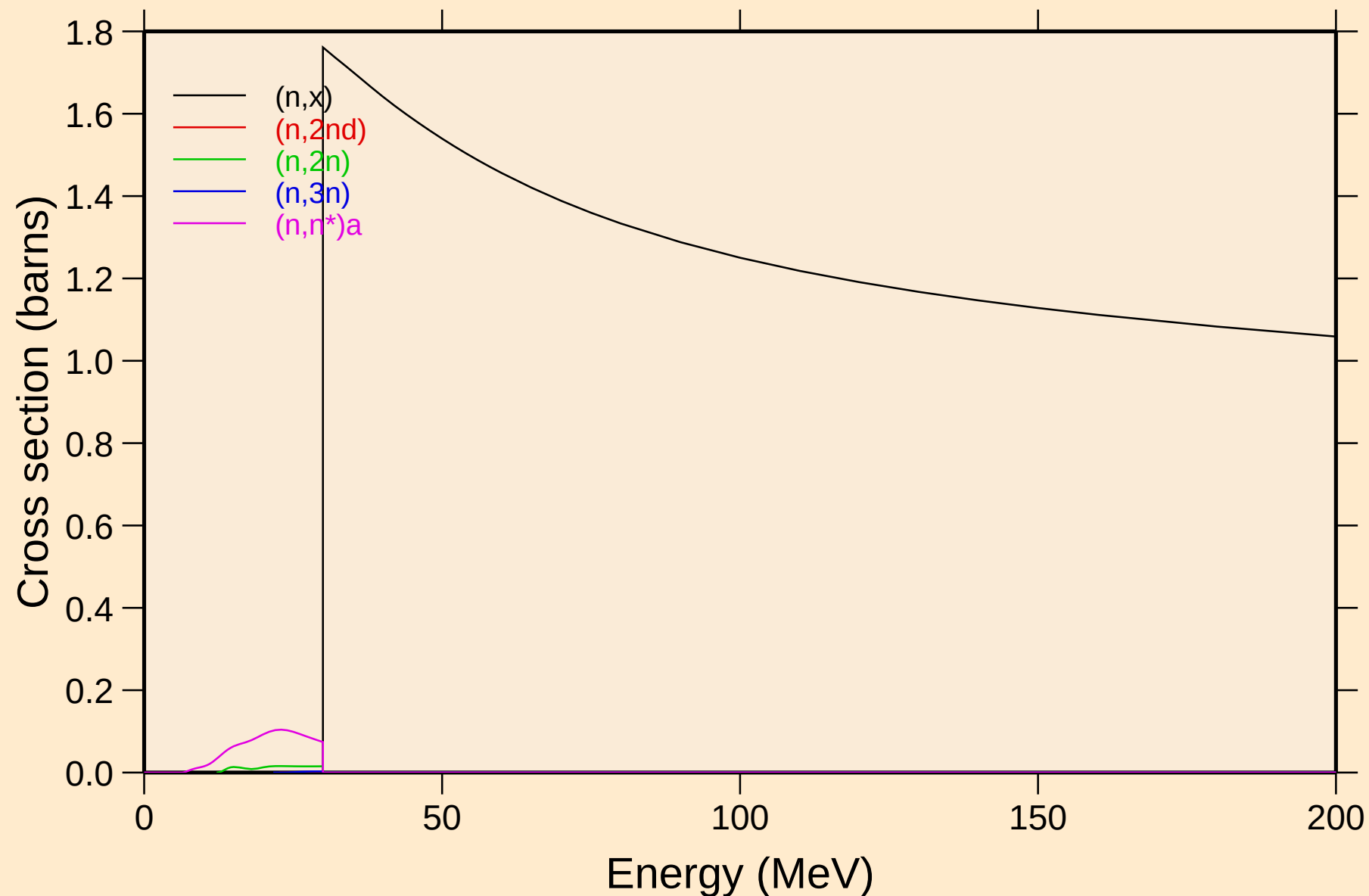
# TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

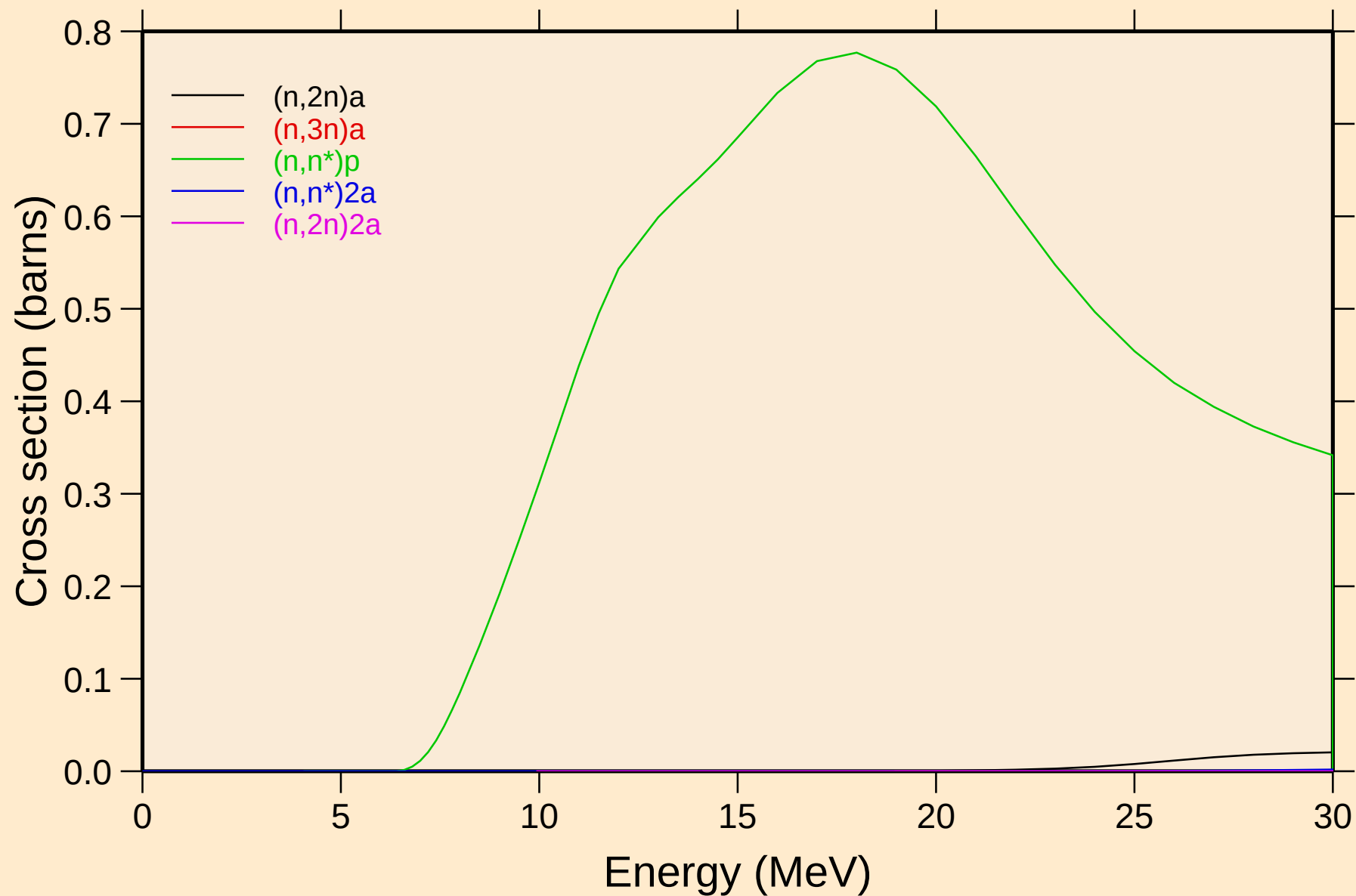


# TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

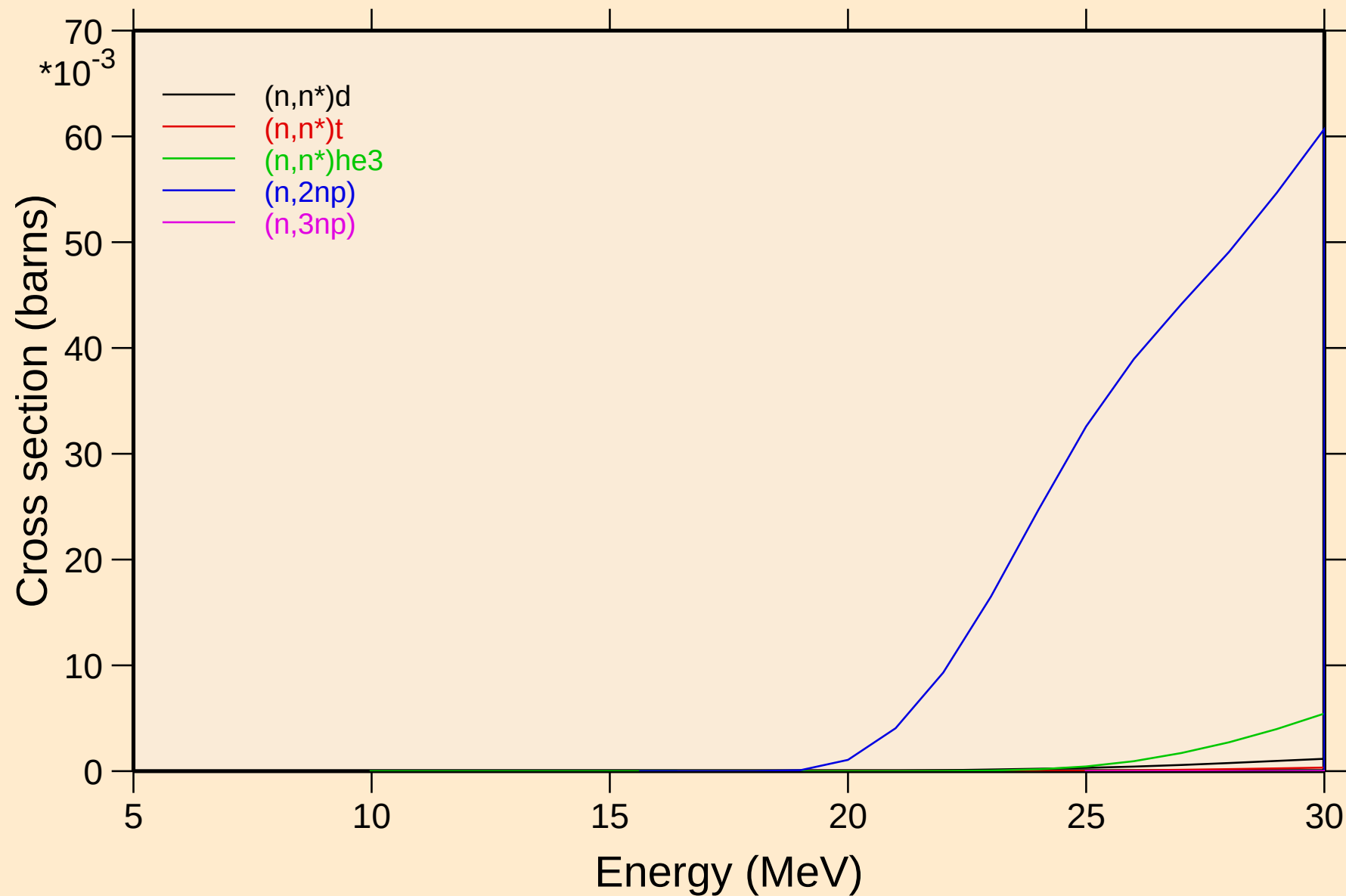
## Threshold reactions



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

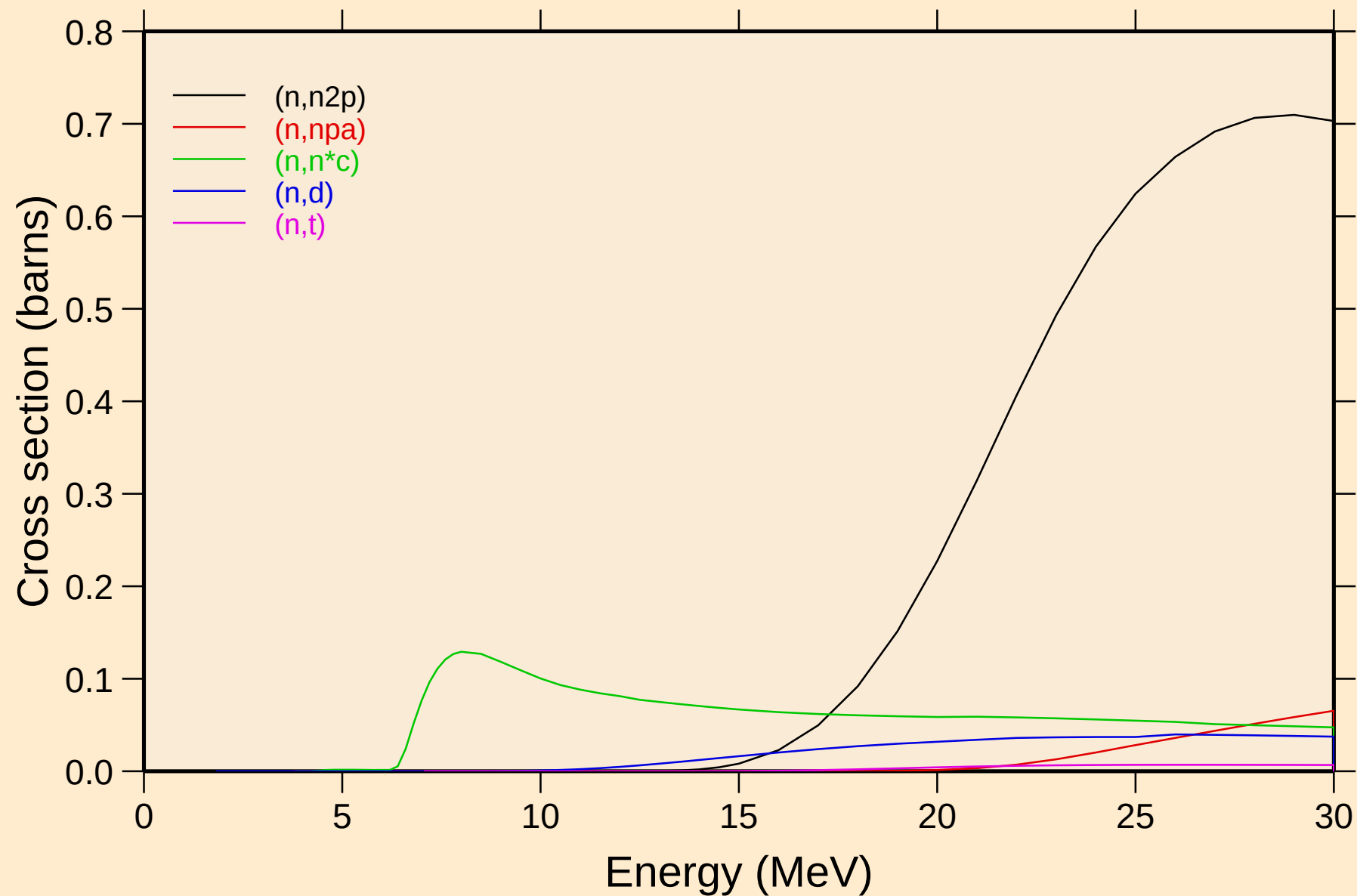


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

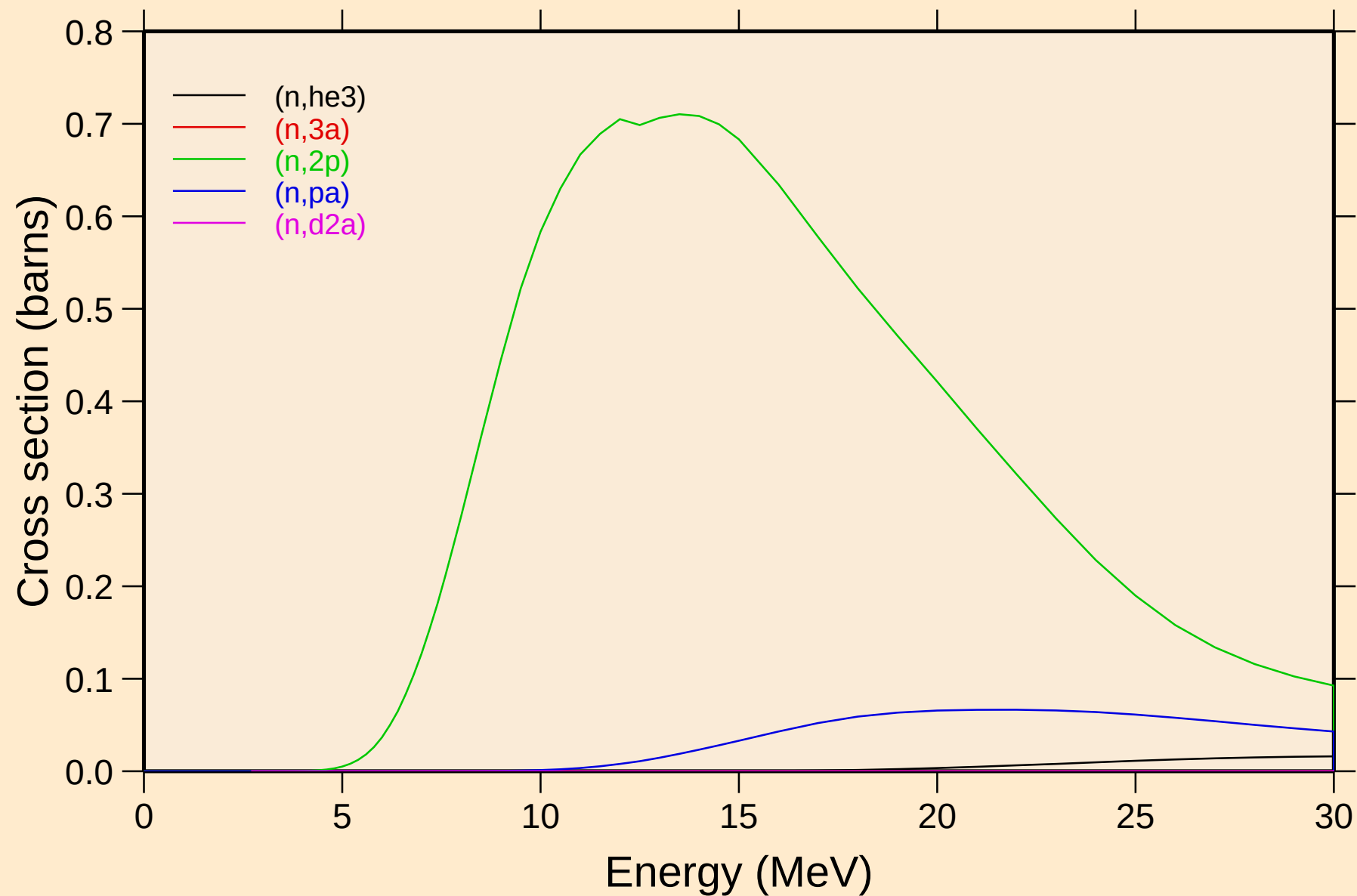




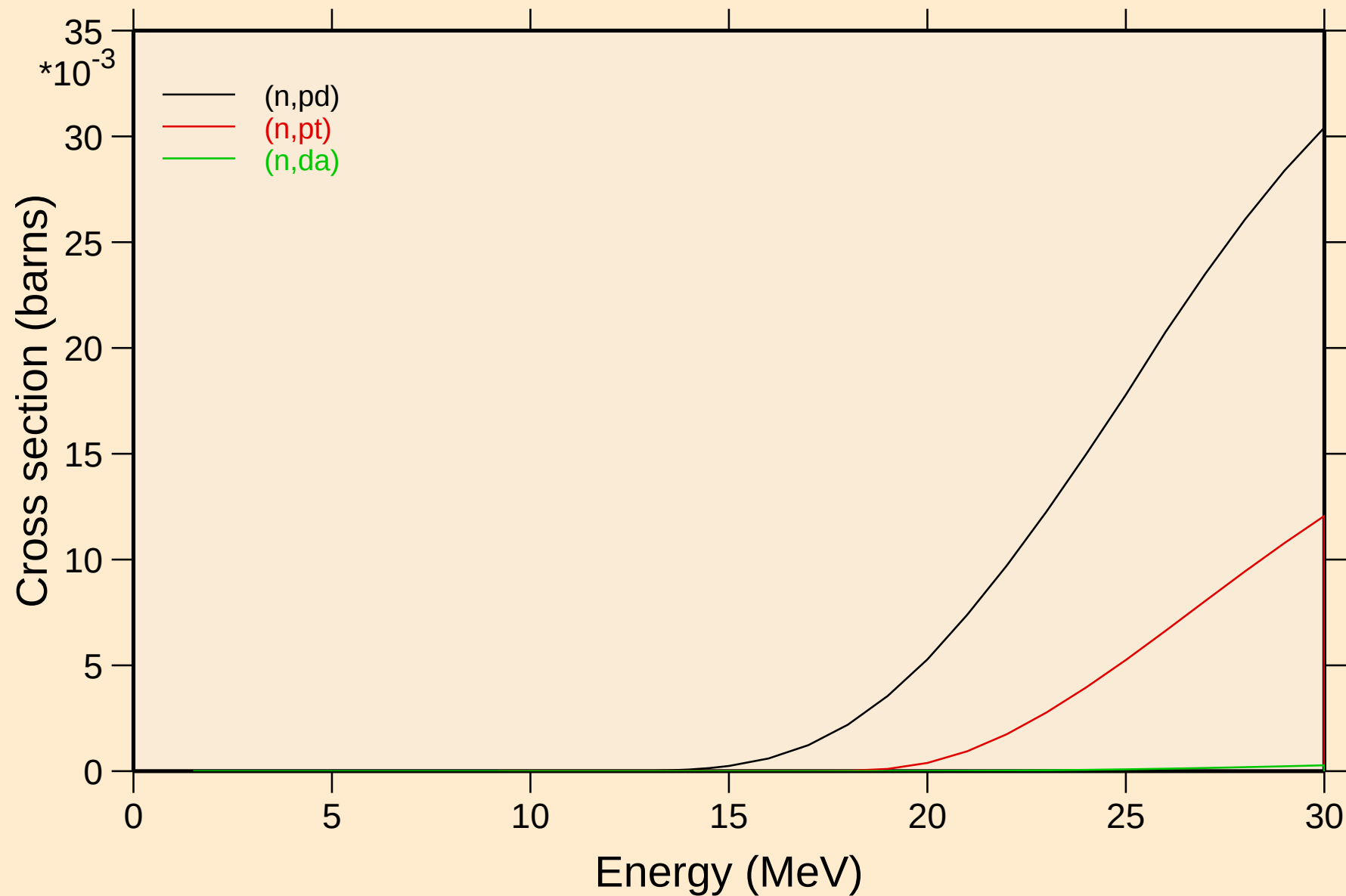
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



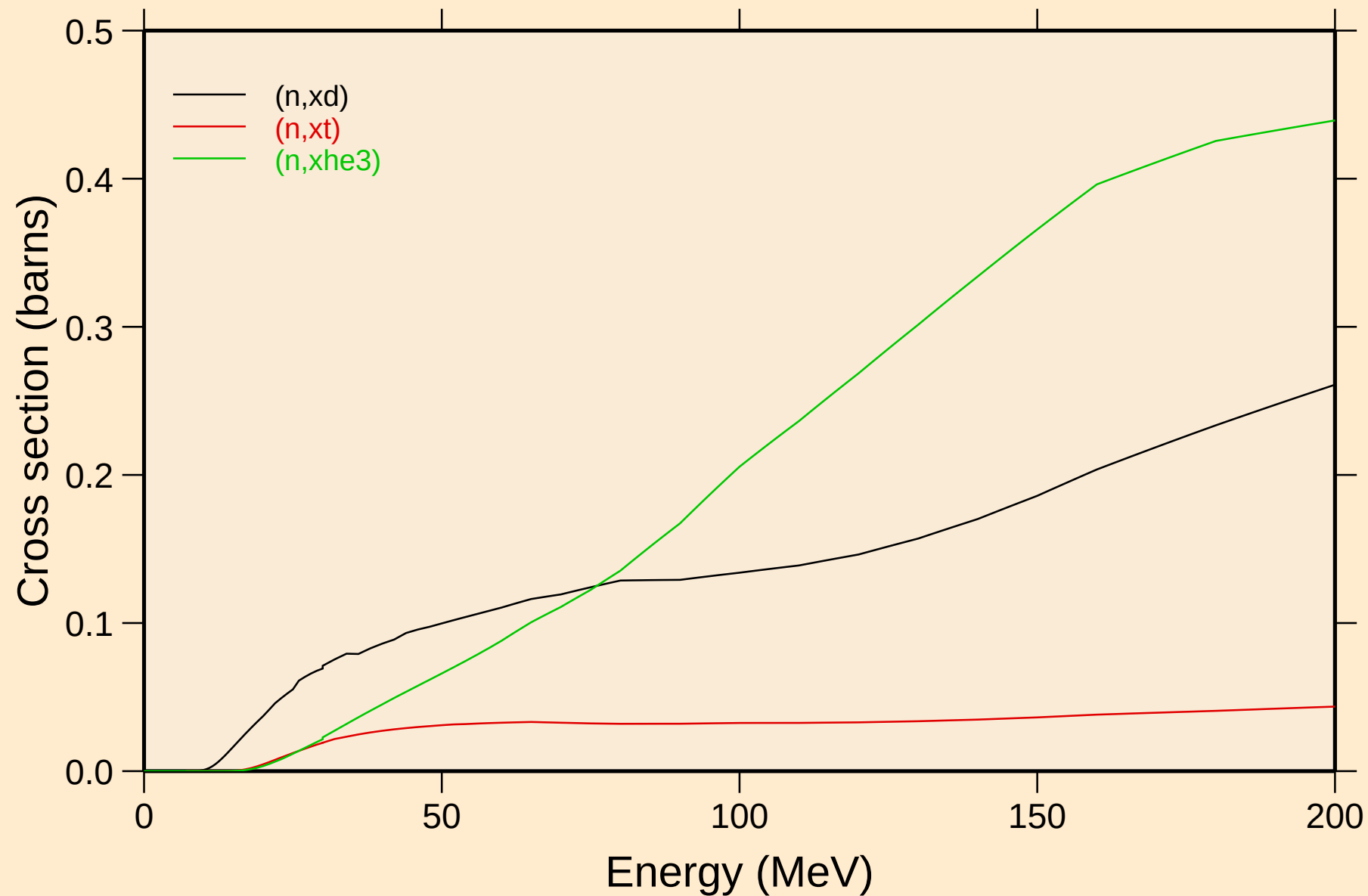
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



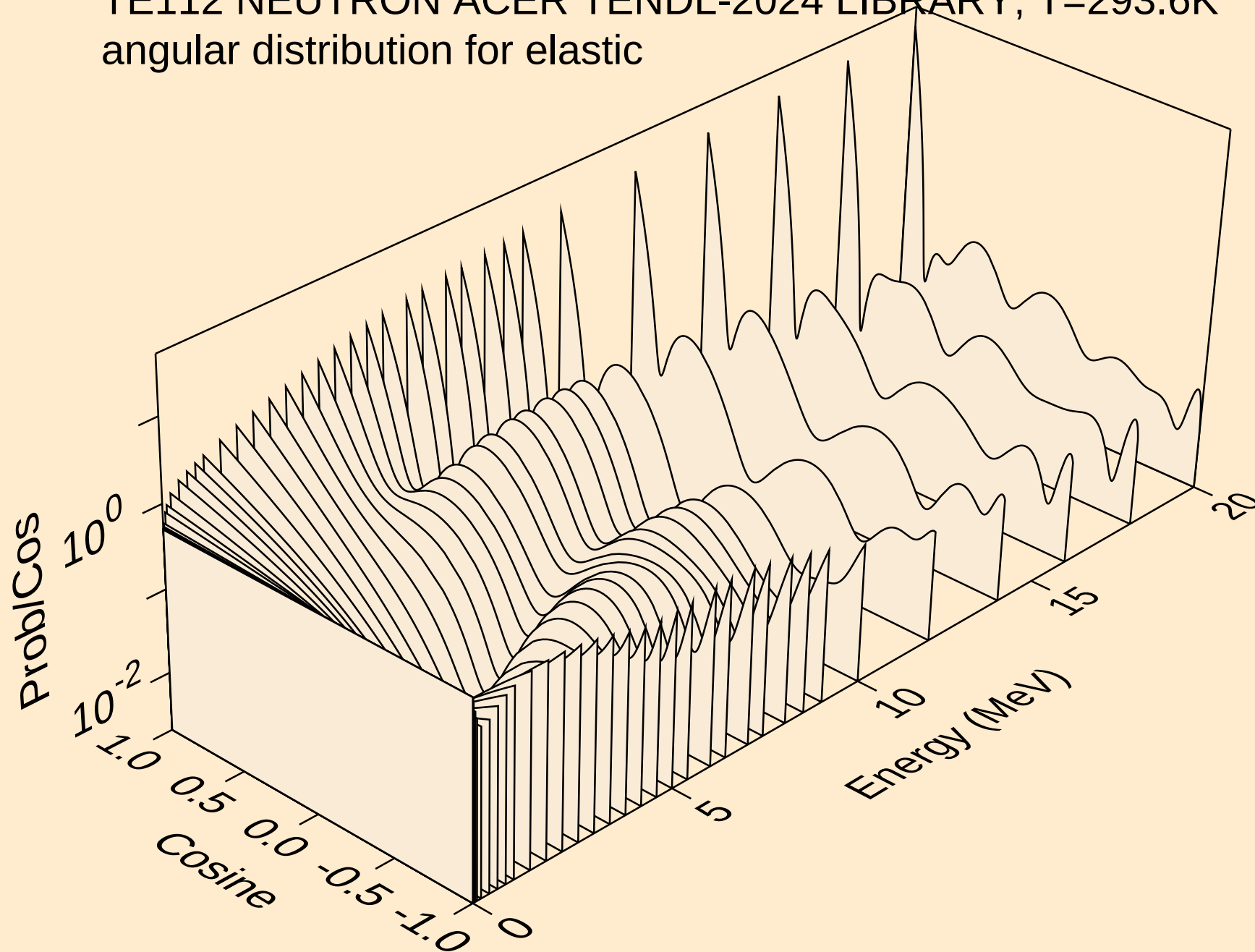
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



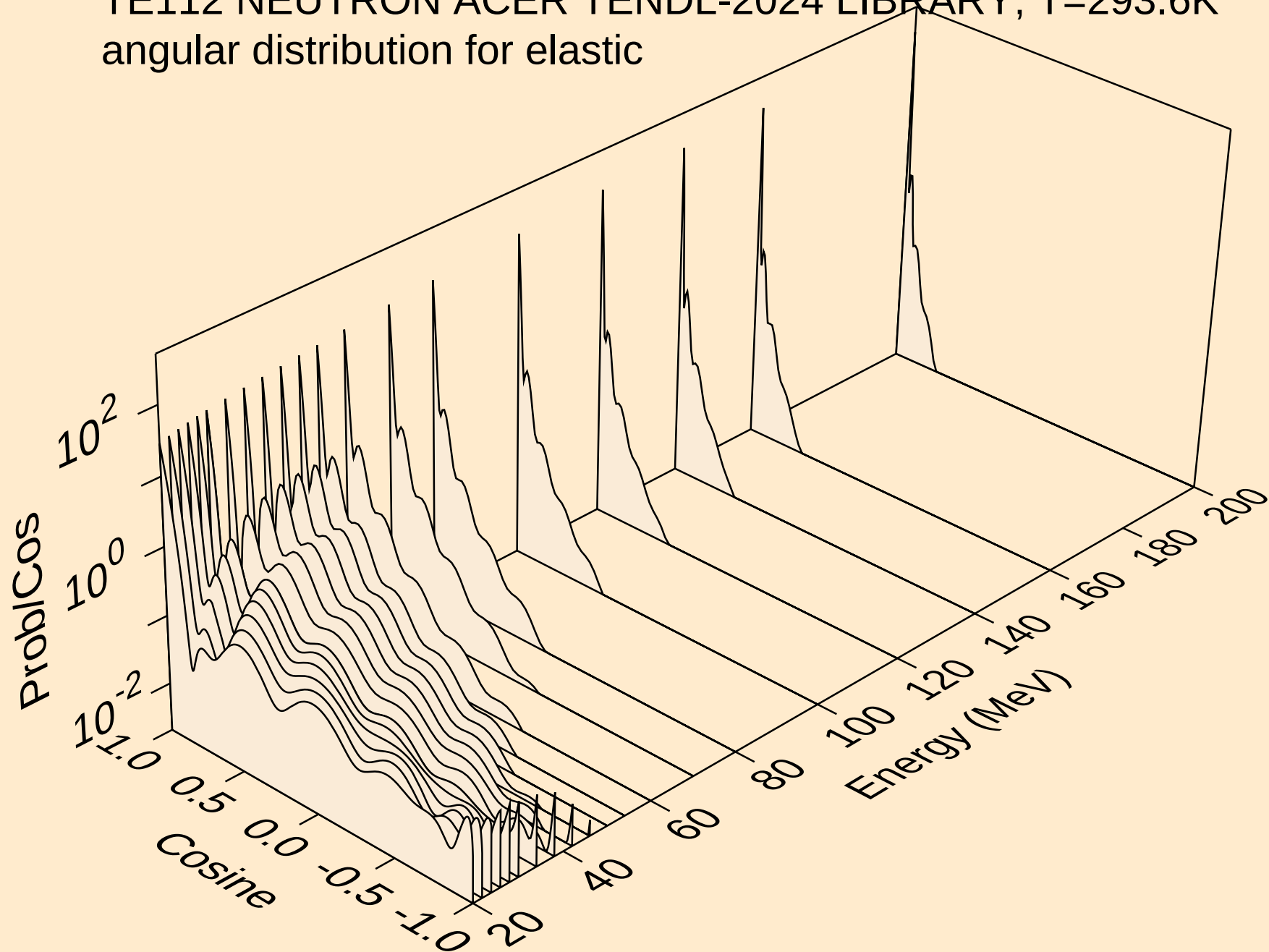
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Threshold reactions



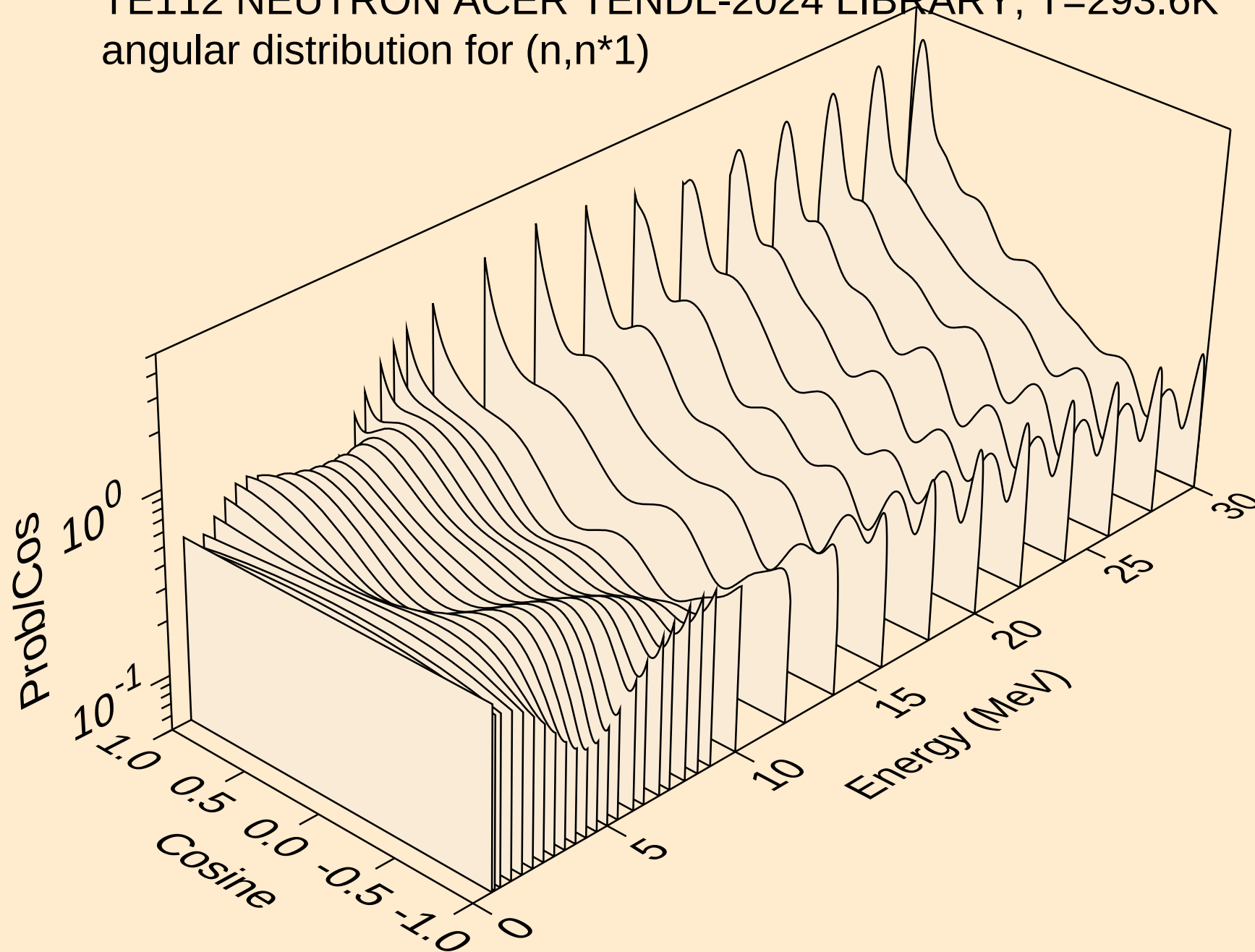
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



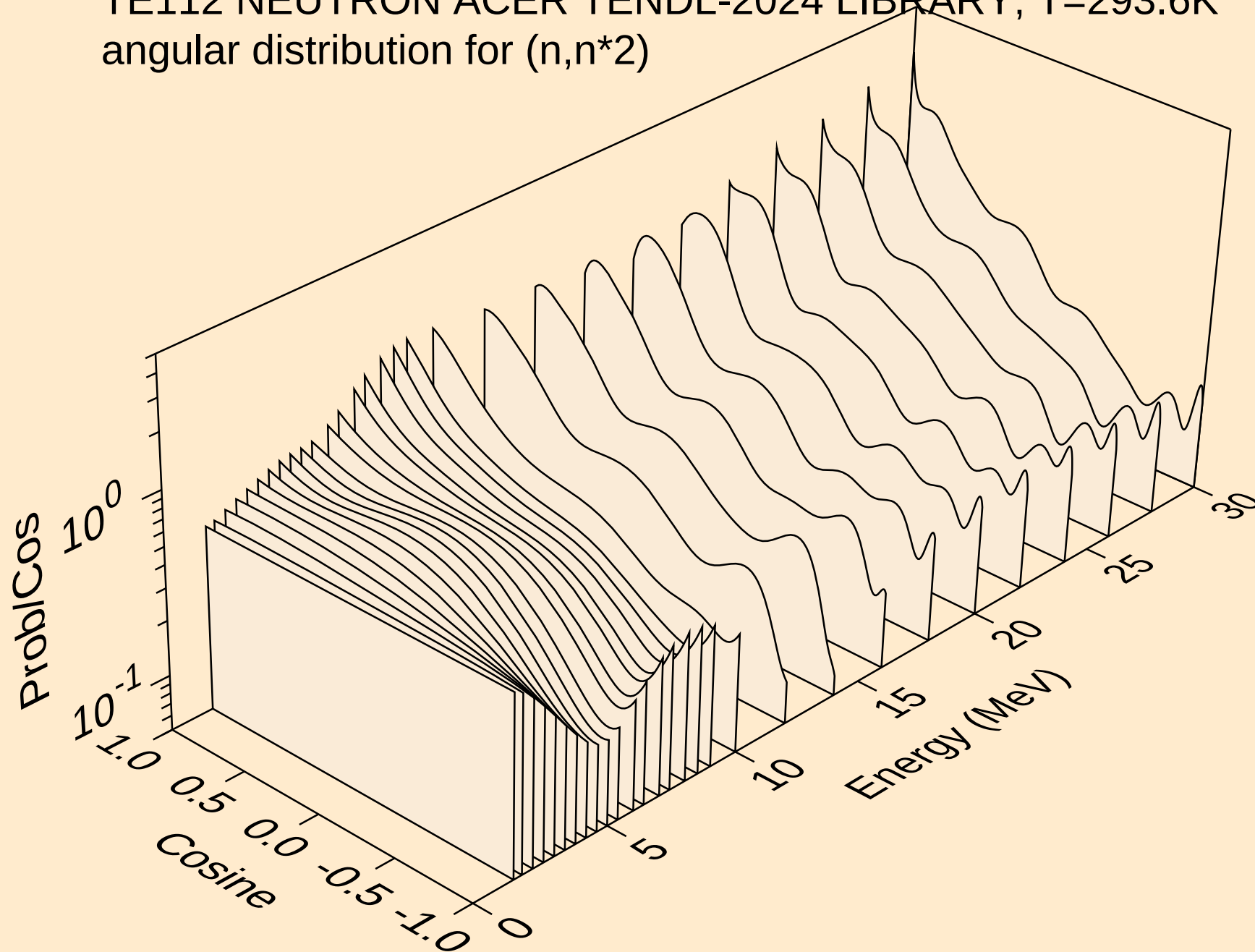
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

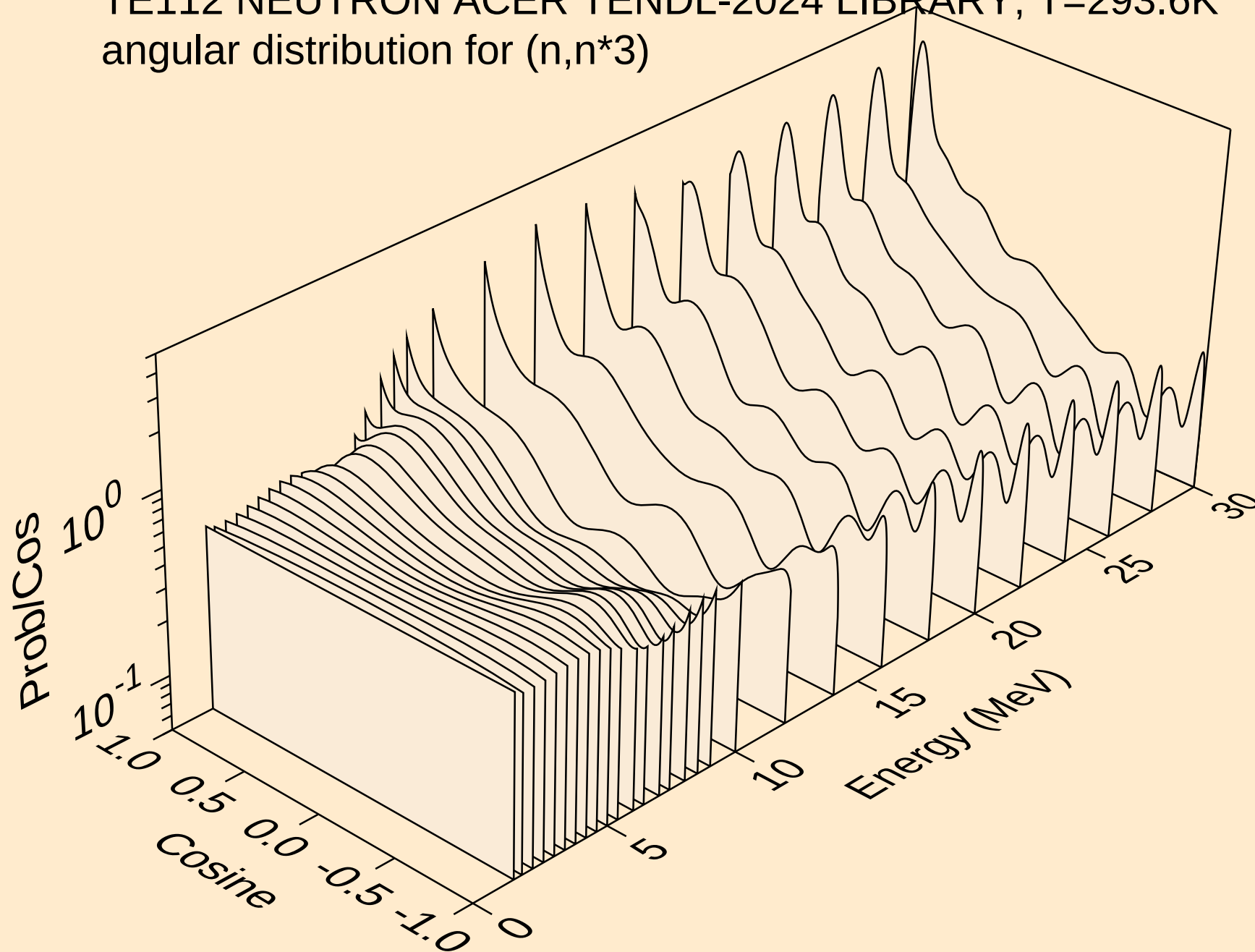


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

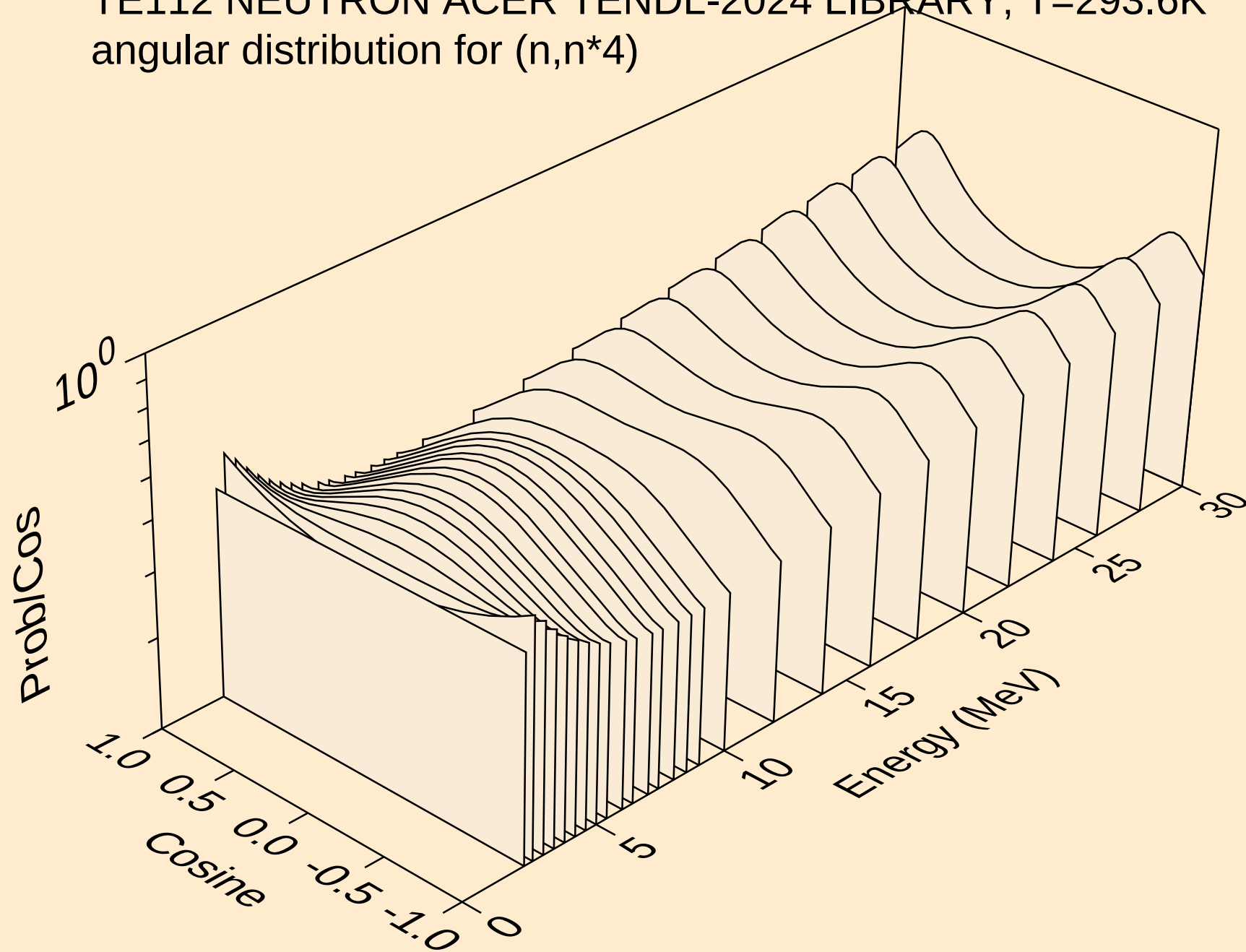




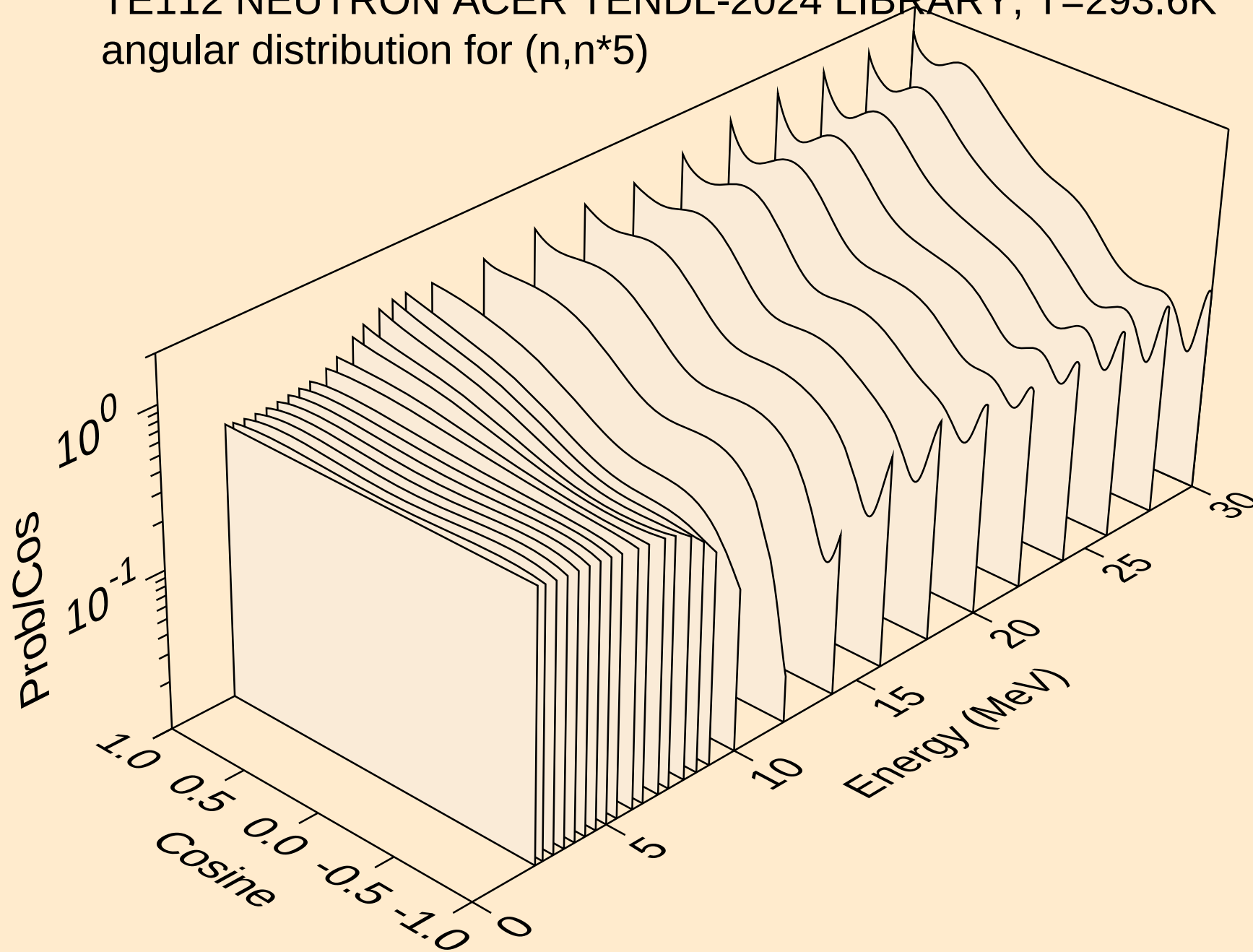
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angular distribution for (n,n\*3)



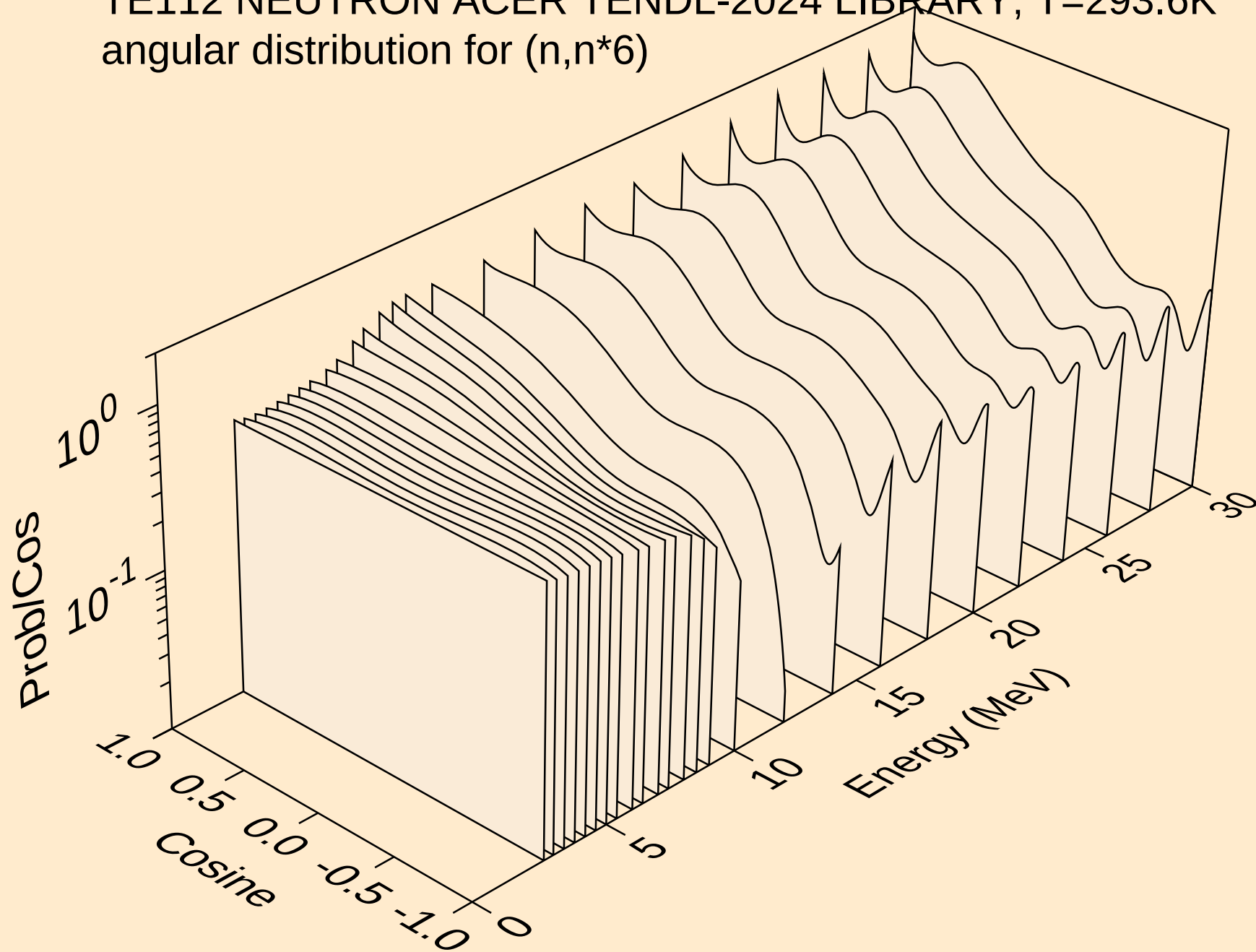
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angular distribution for (n,n\*4)



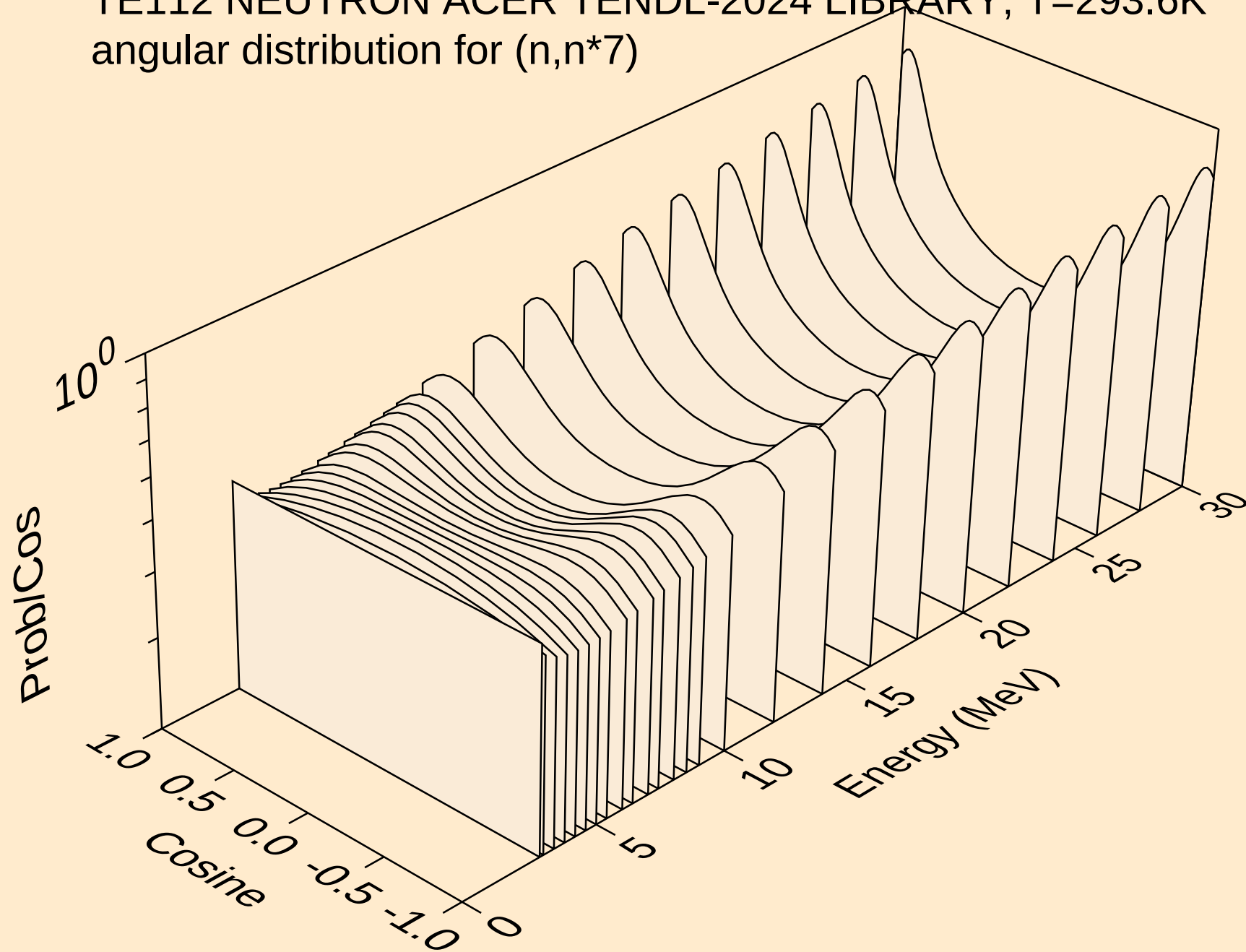
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angular distribution for (n,n\*5)



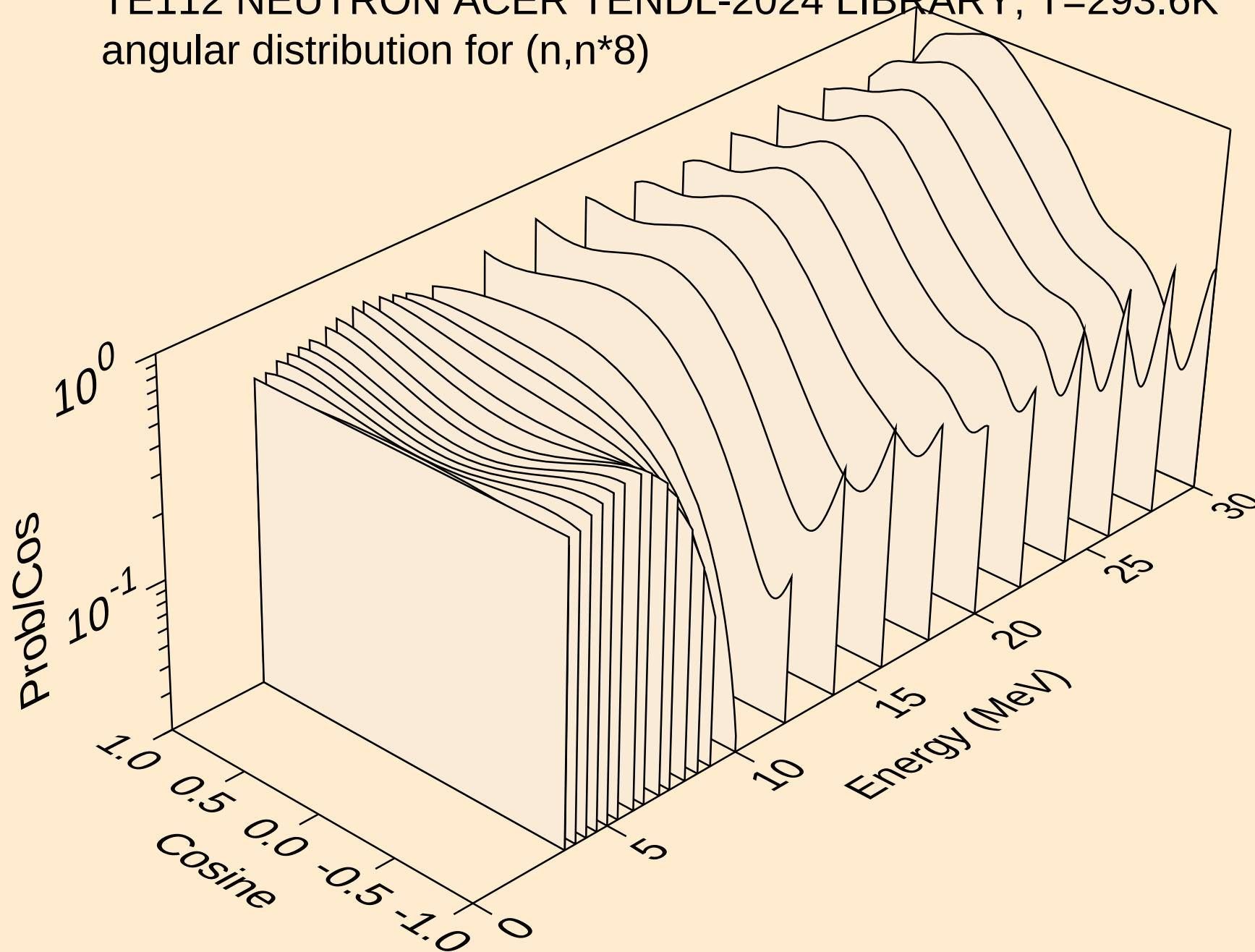
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angular distribution for (n,n\*6)



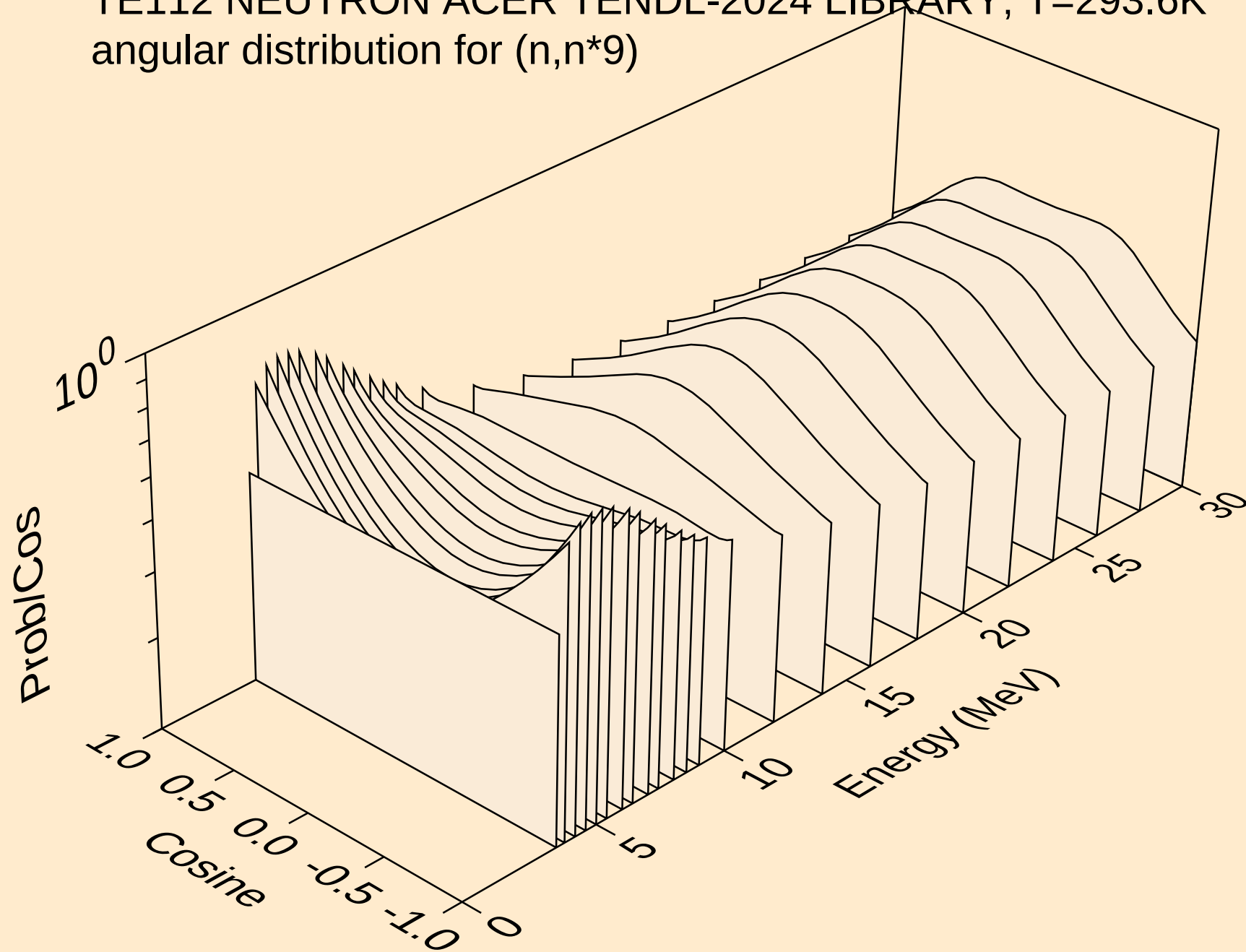
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angular distribution for (n,n\*7)



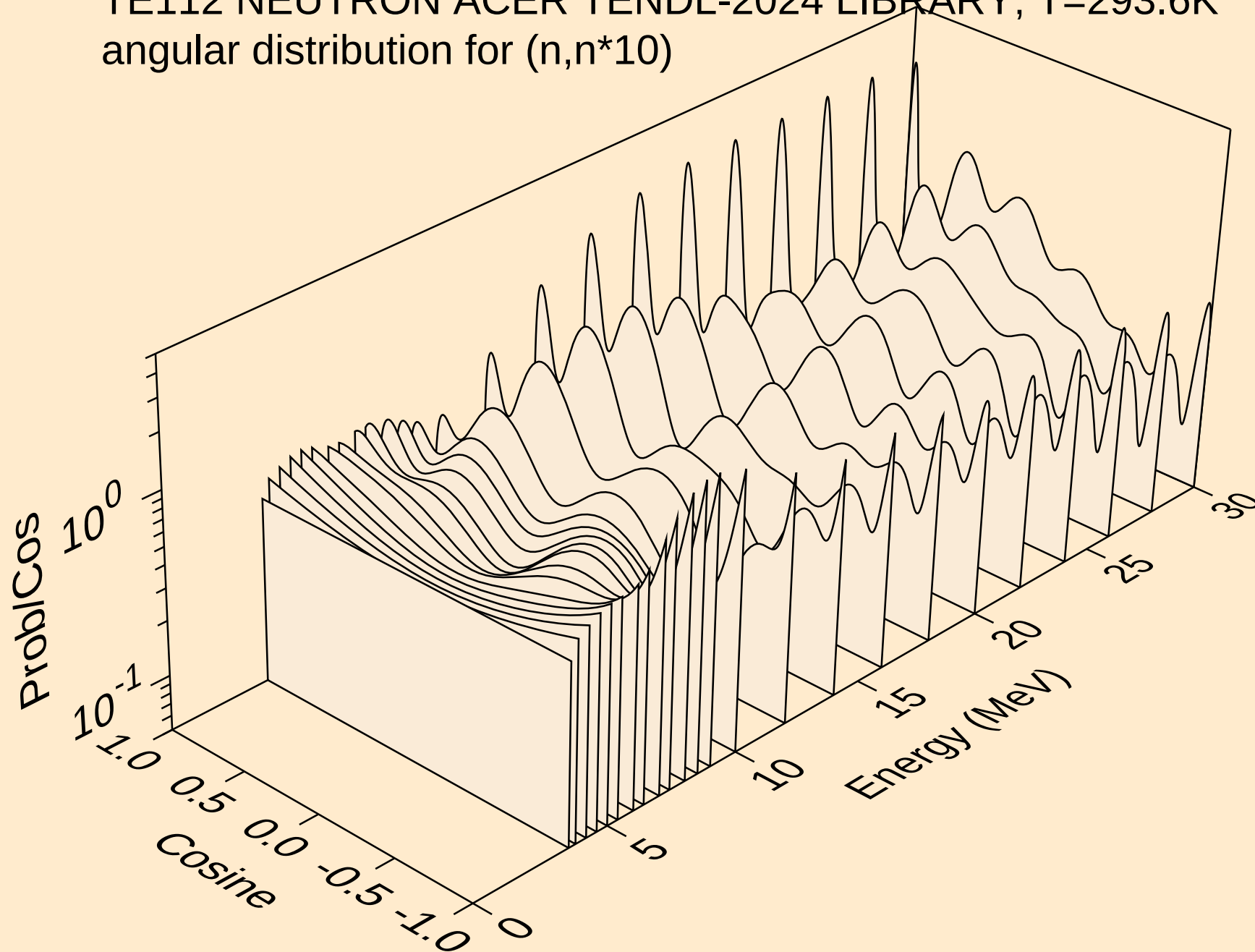
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

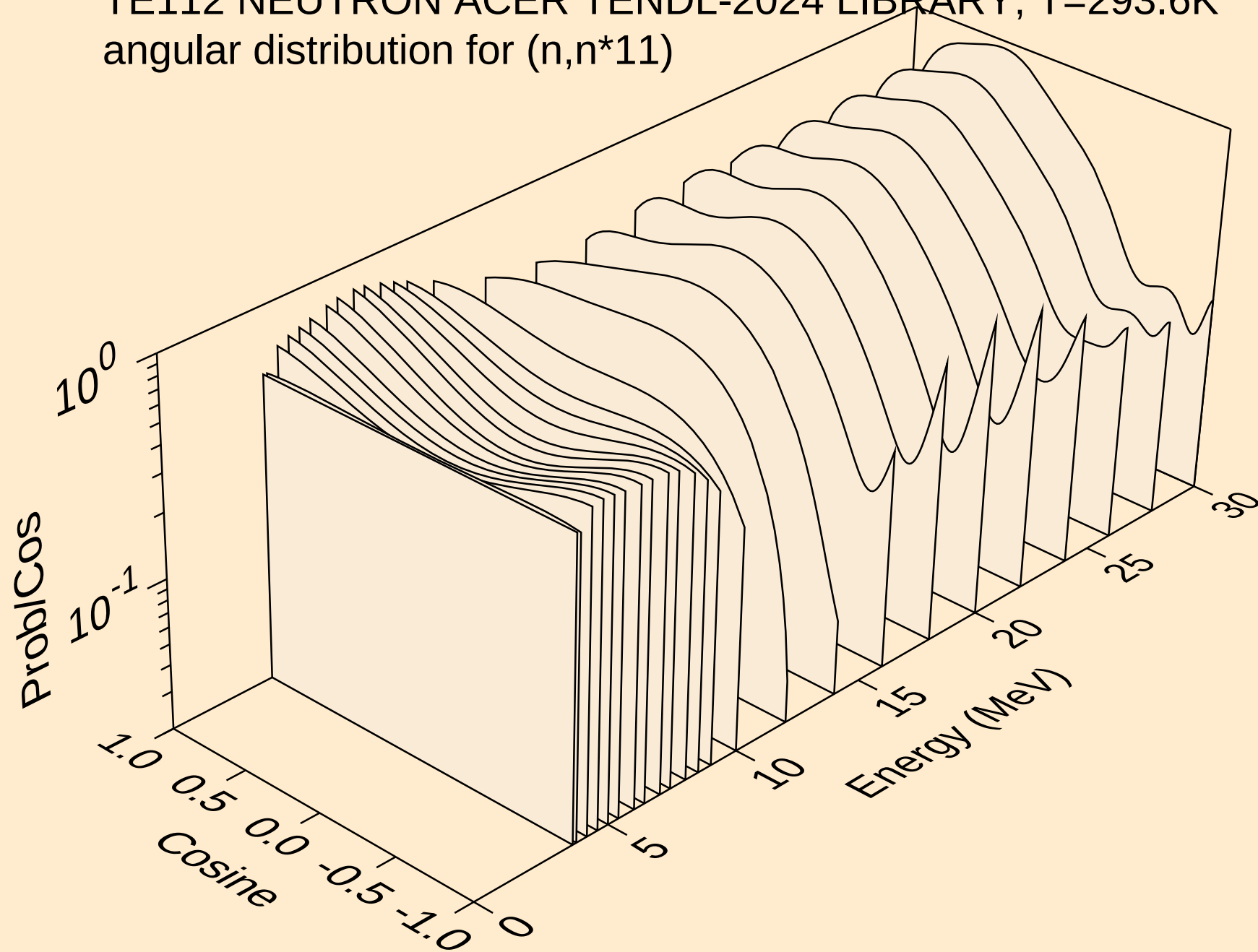


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angular distribution for (n,n\*10)

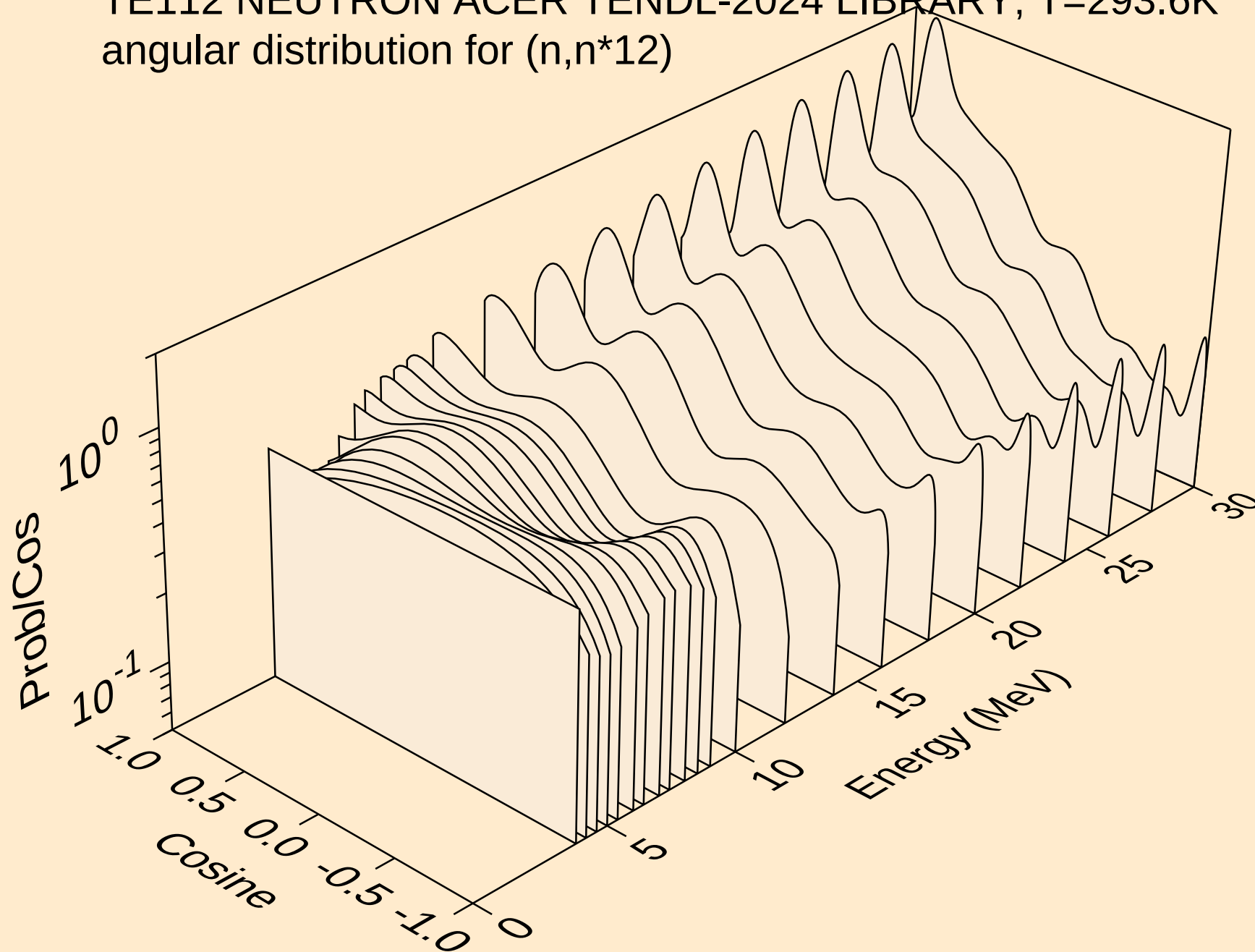




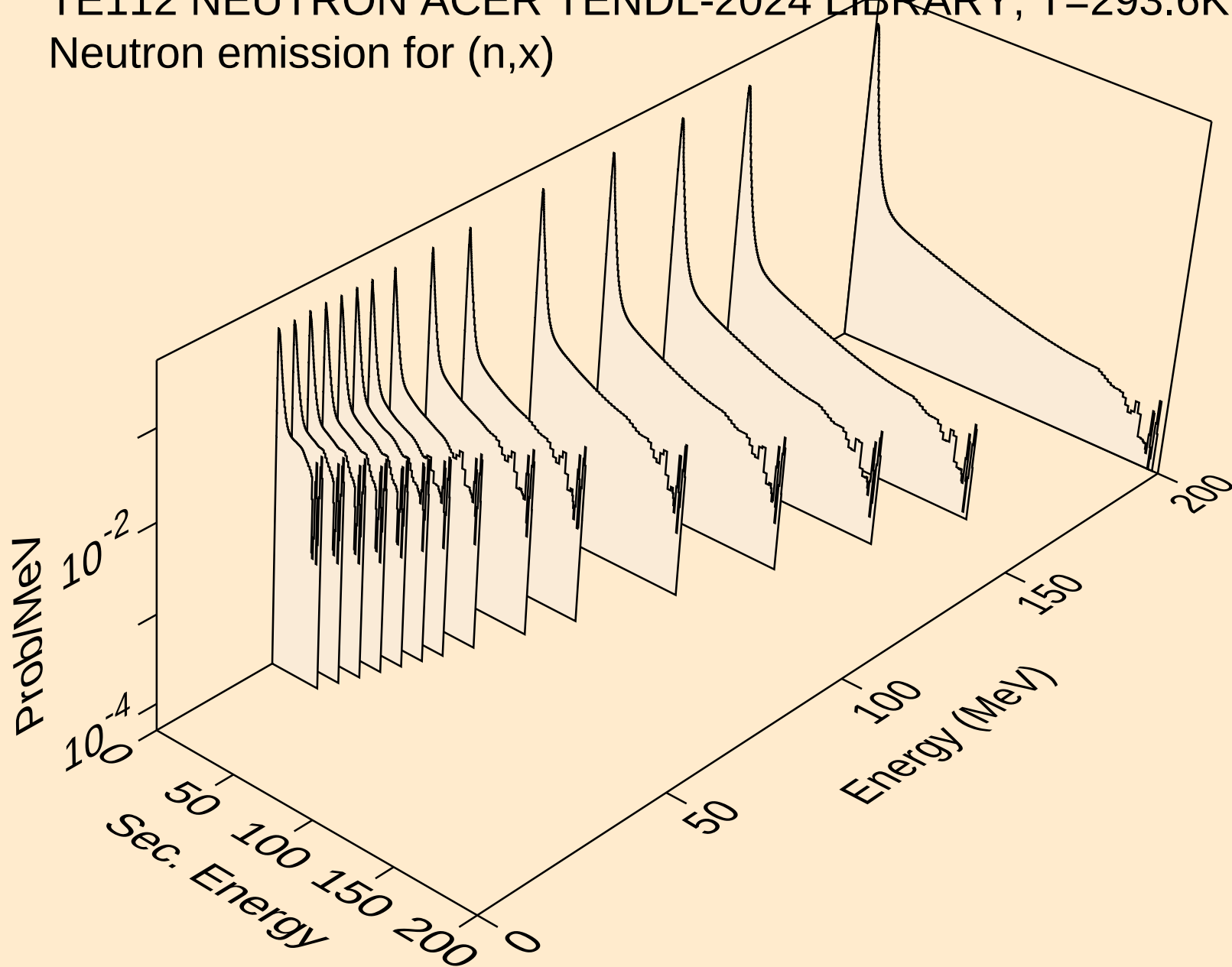
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angular distribution for (n,n\*11)



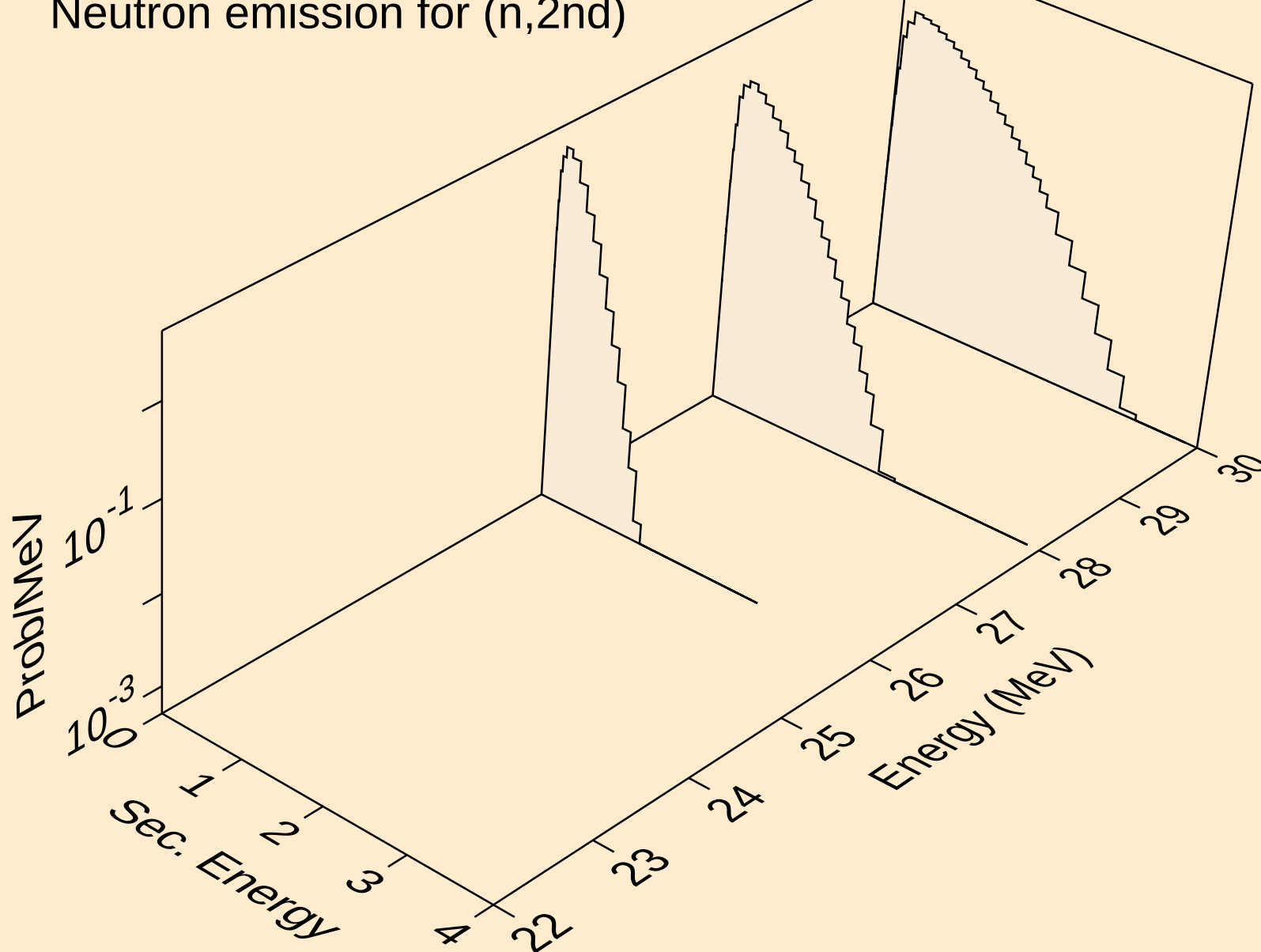
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angular distribution for (n,n\*12)



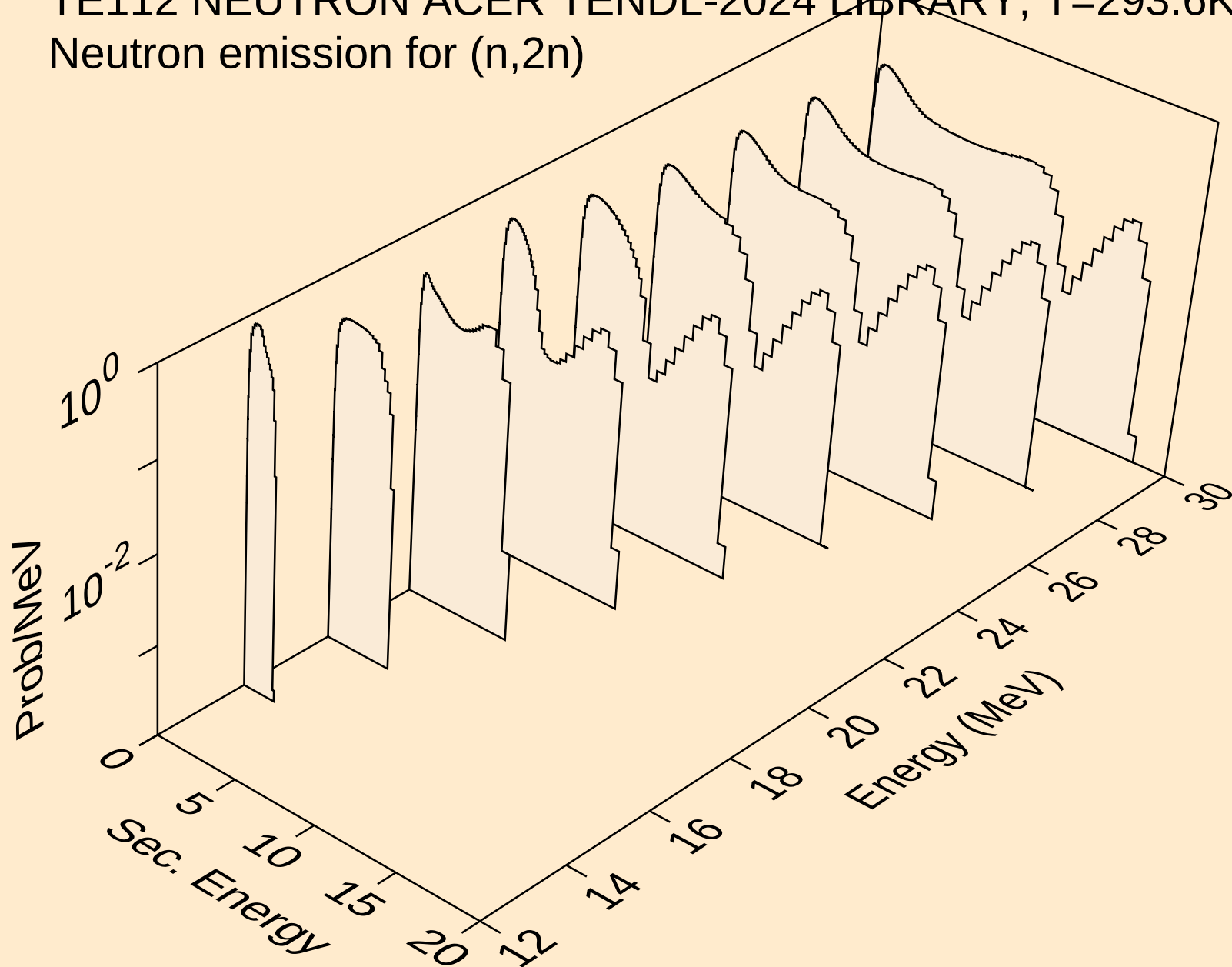
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



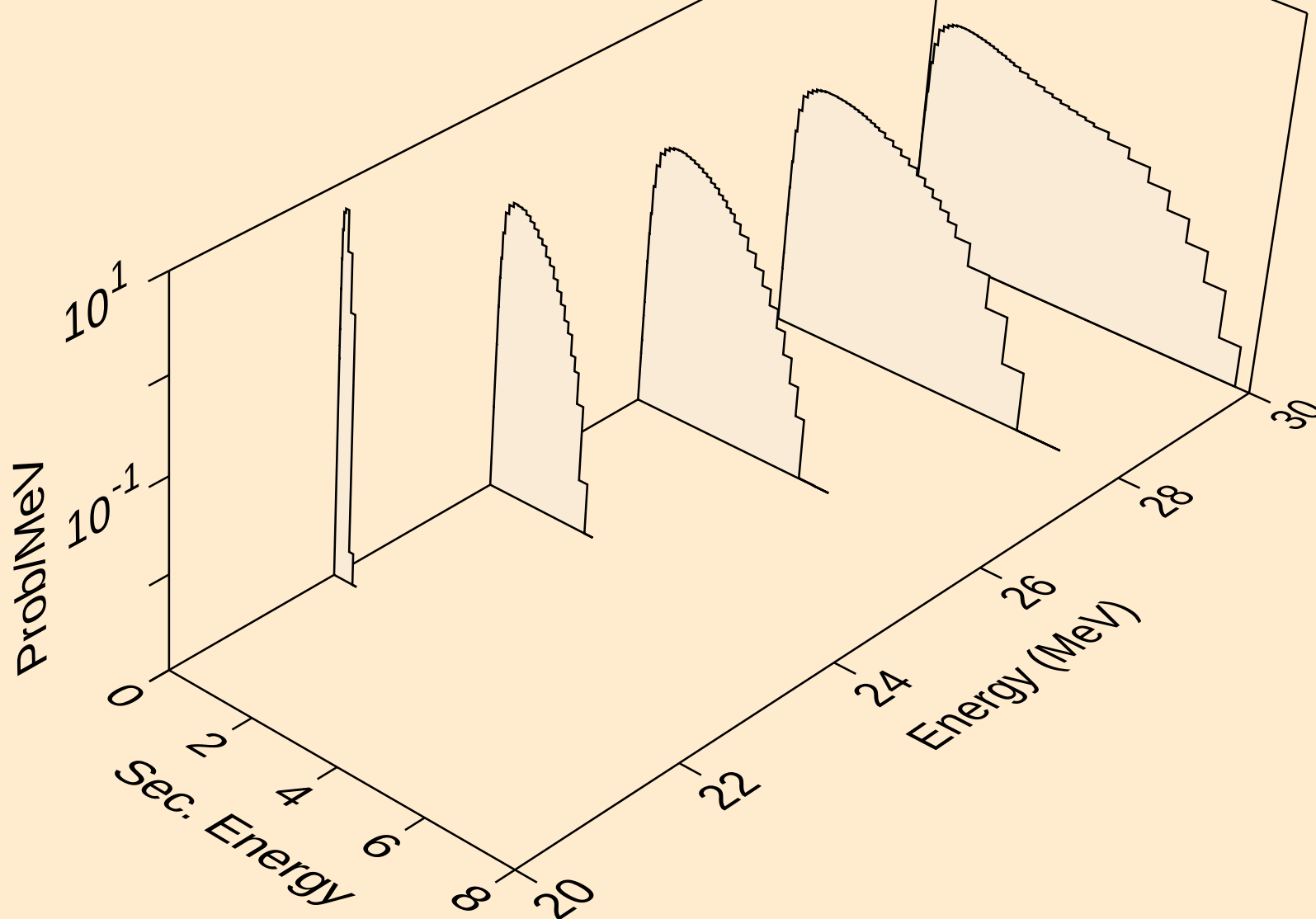
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



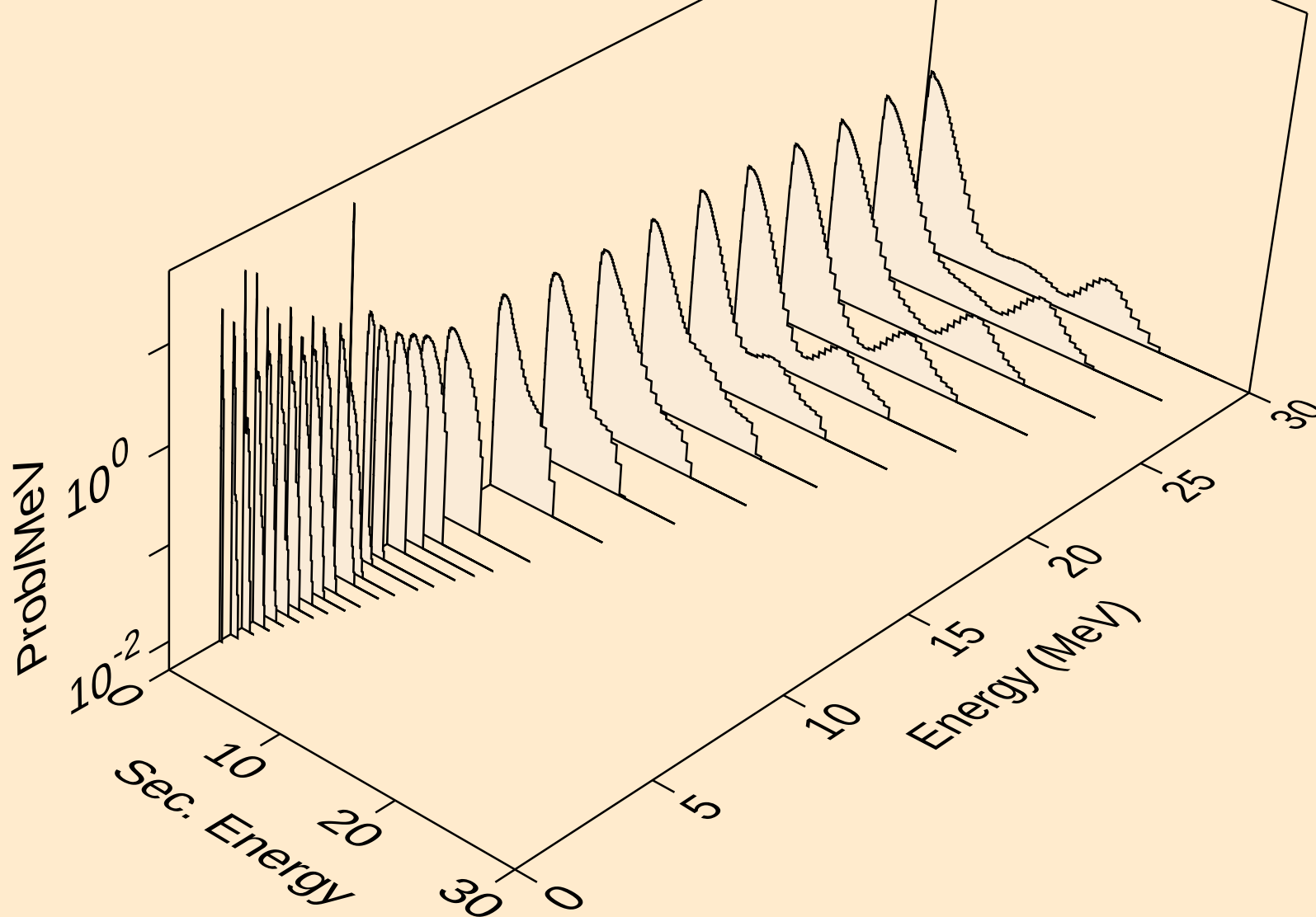
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



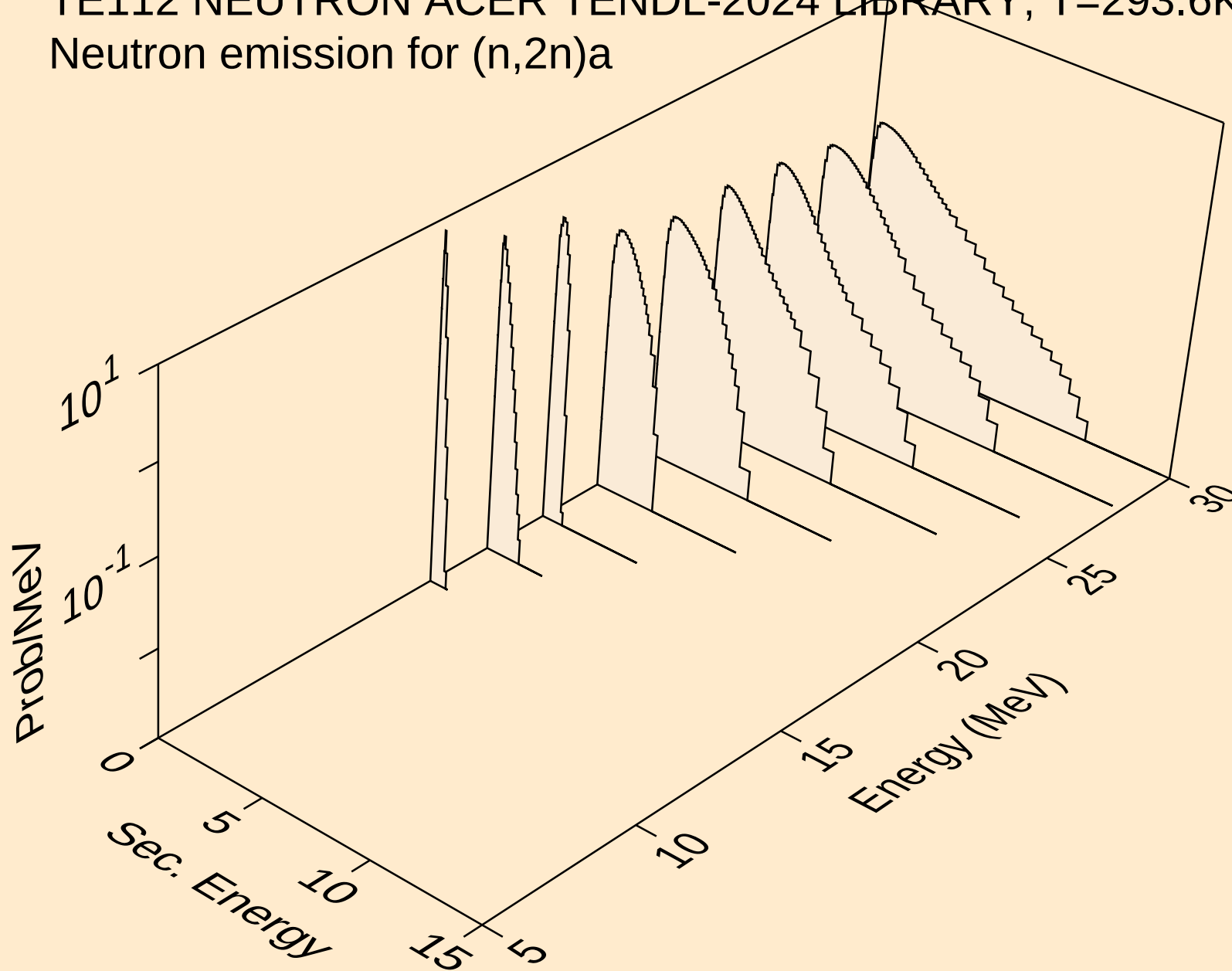
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

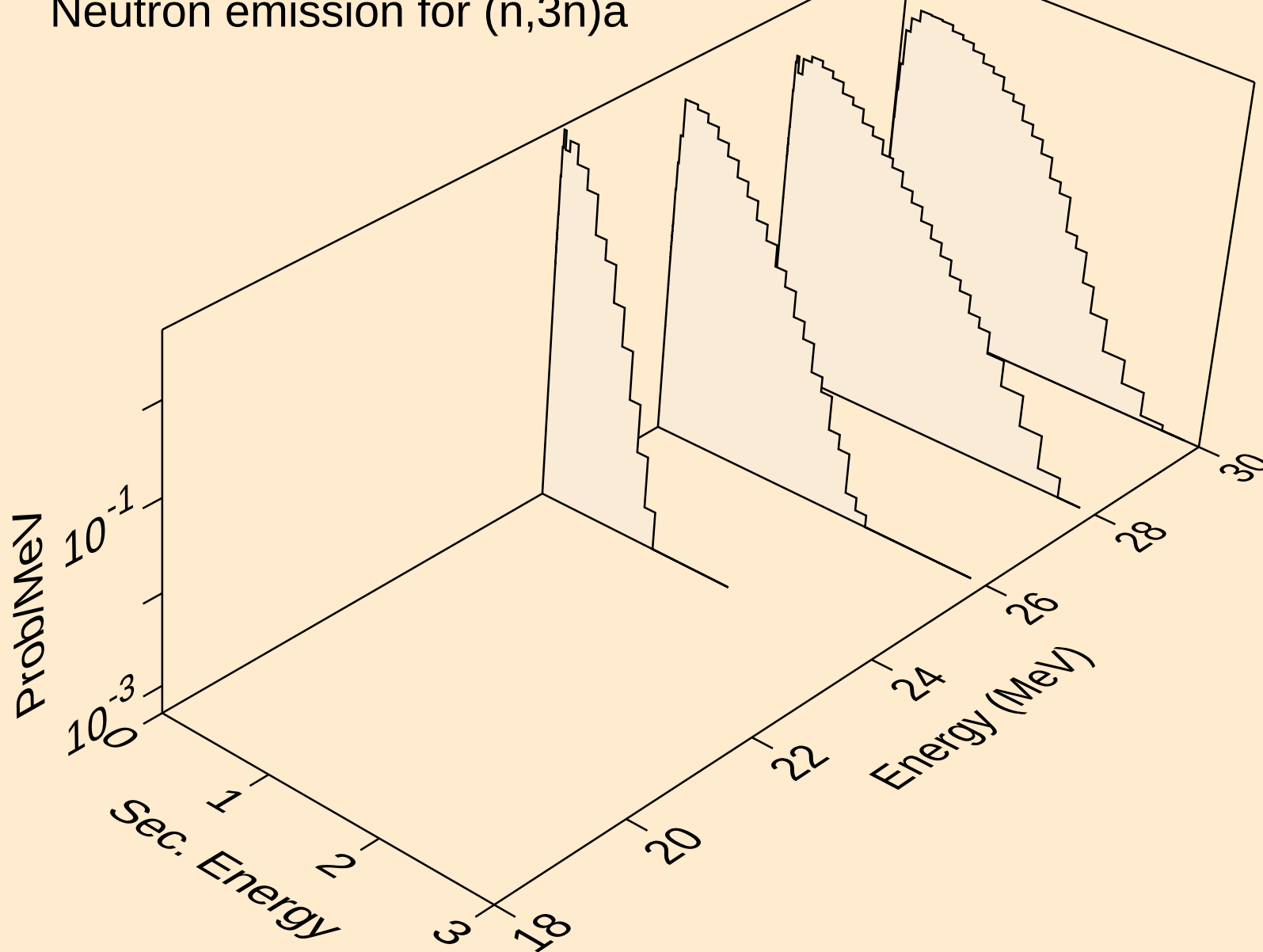


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>

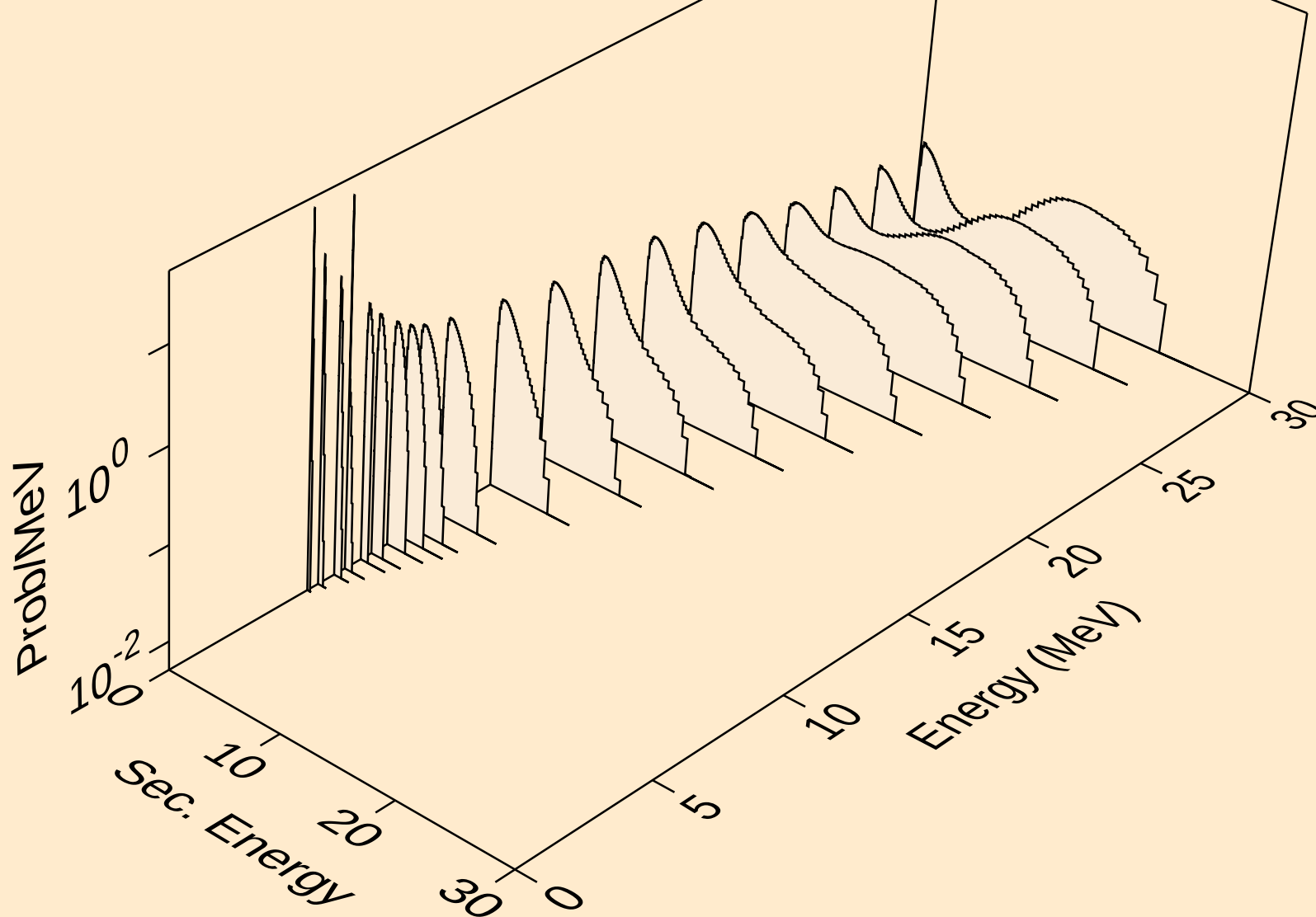




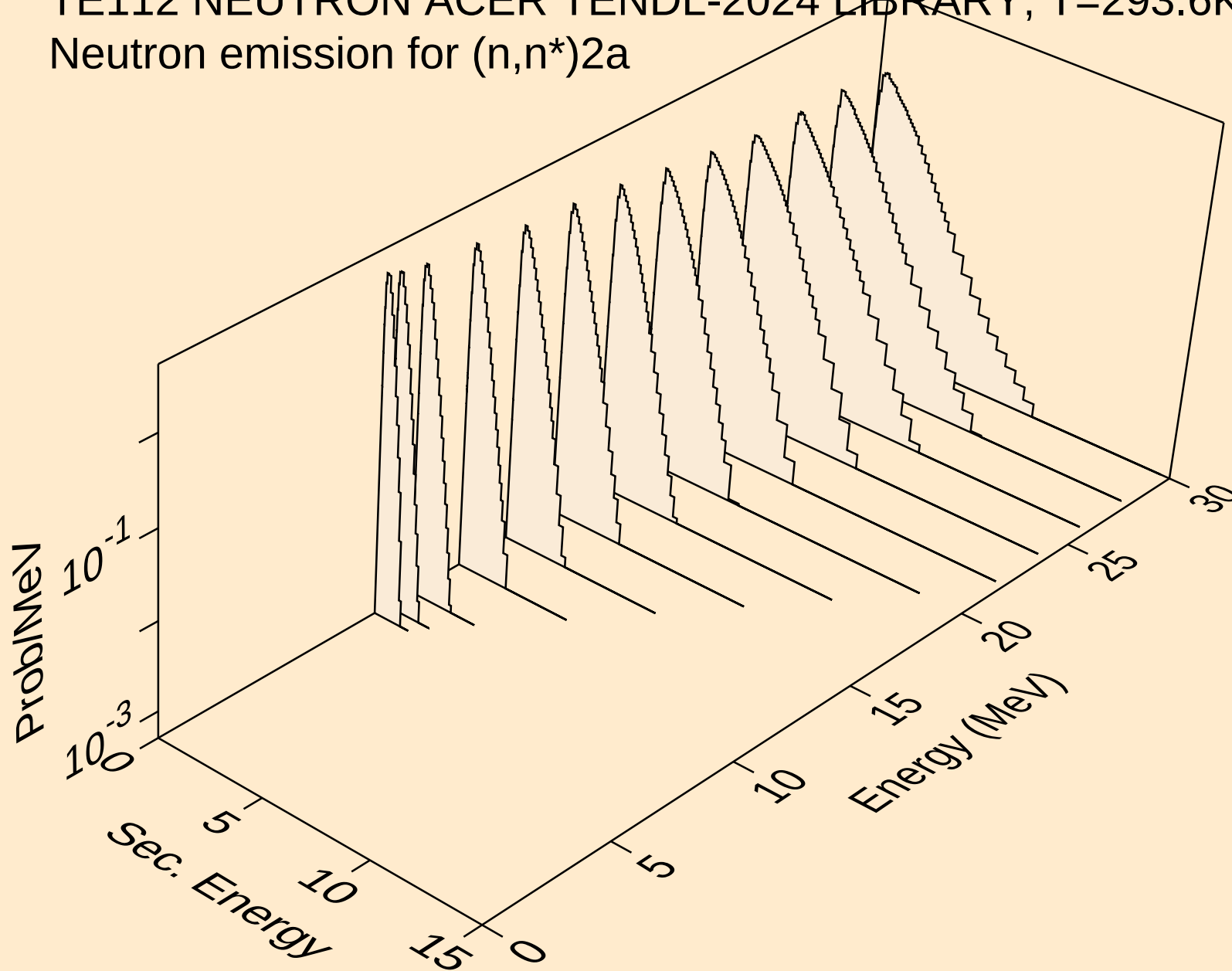
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



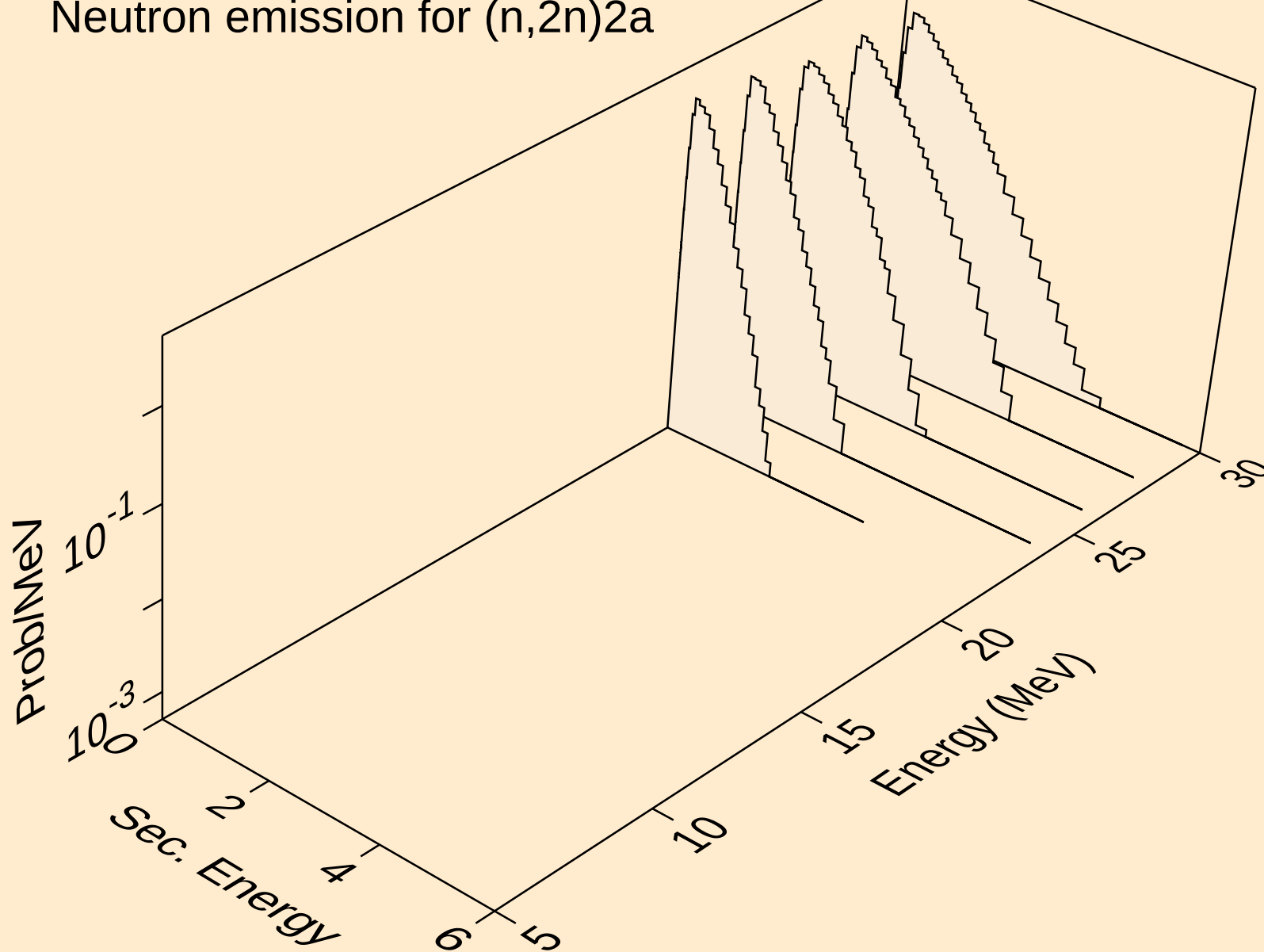
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



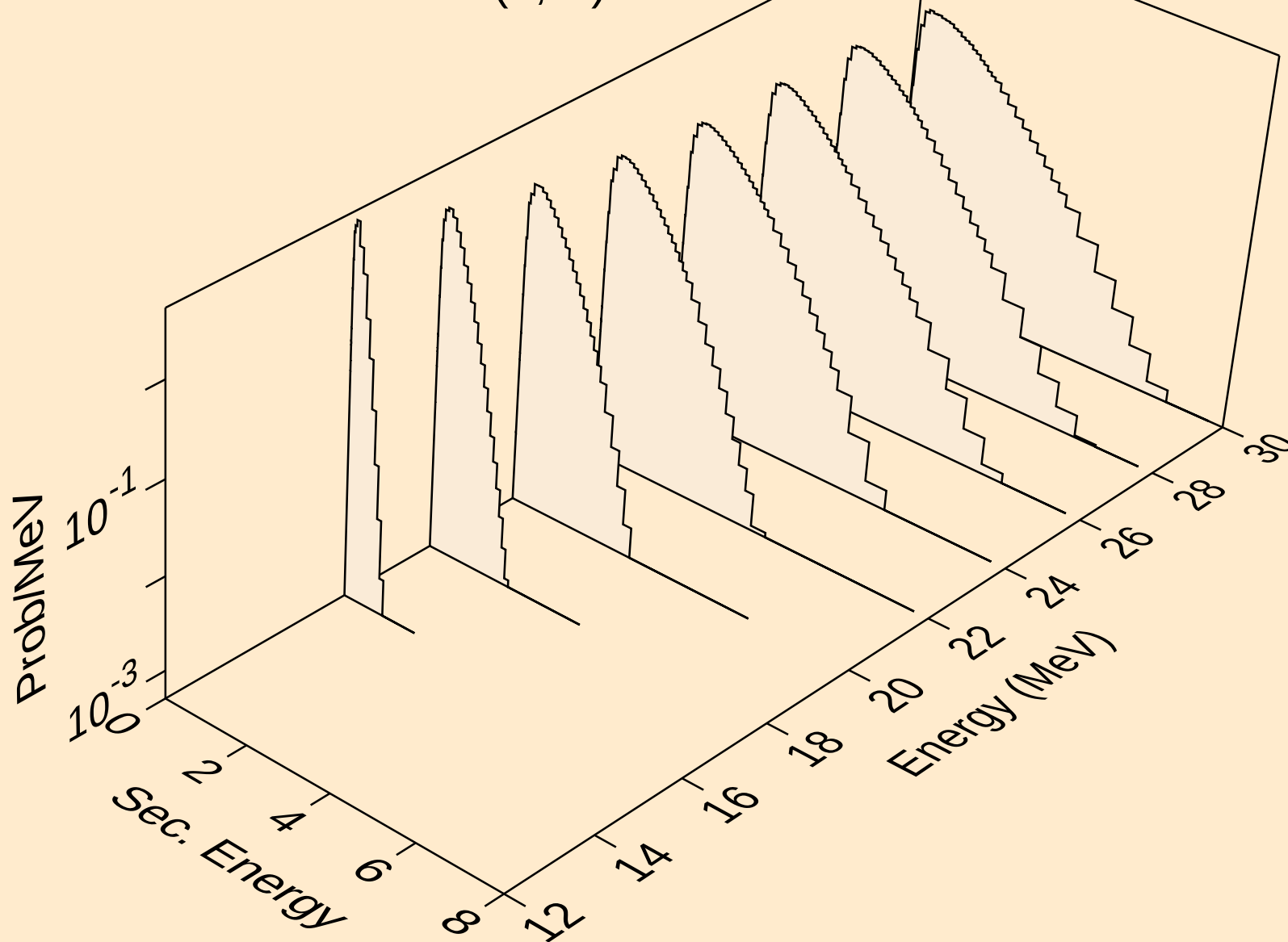
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Neutron emission for (n,n\*)2a



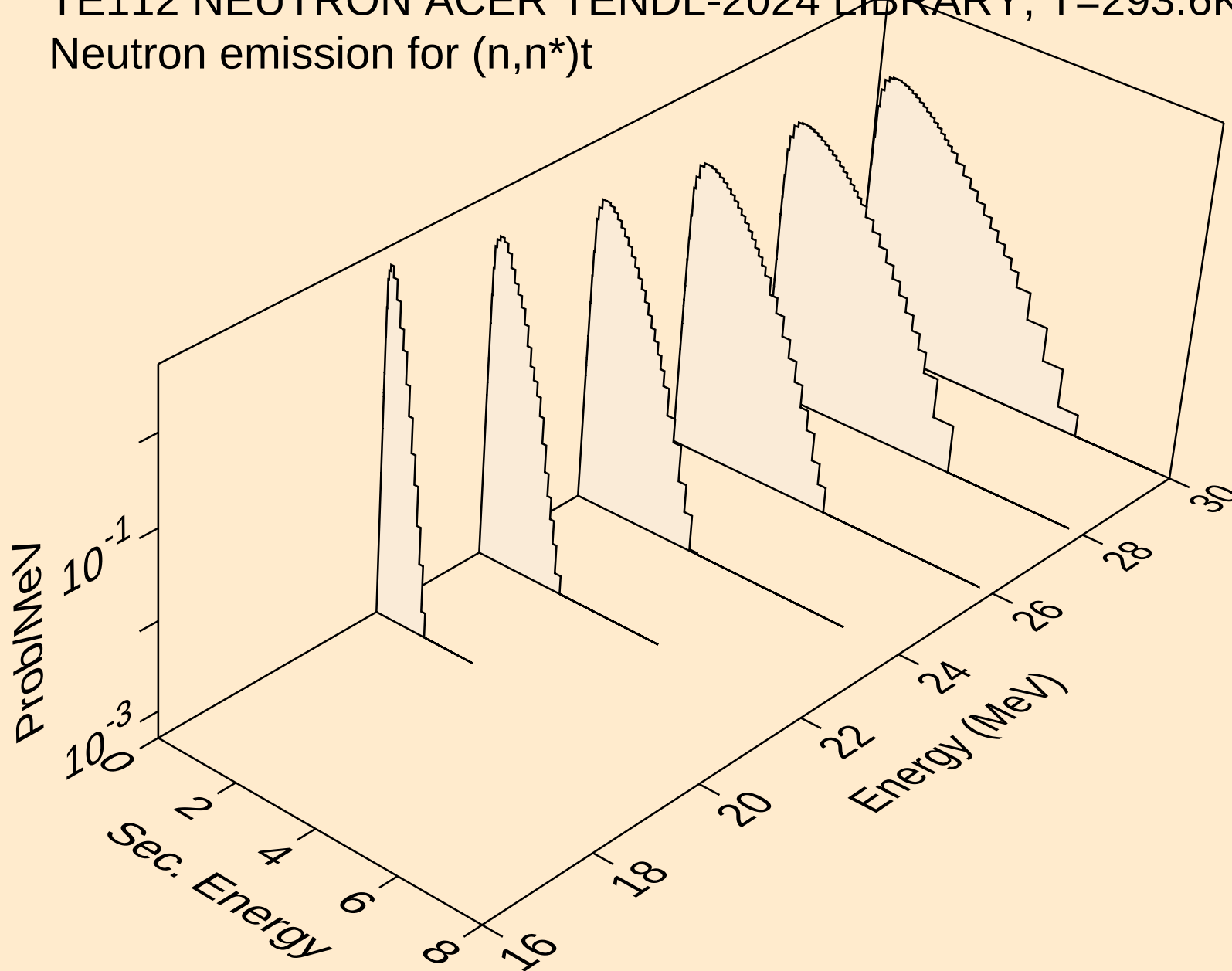
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Neutron emission for (n,2n)2a



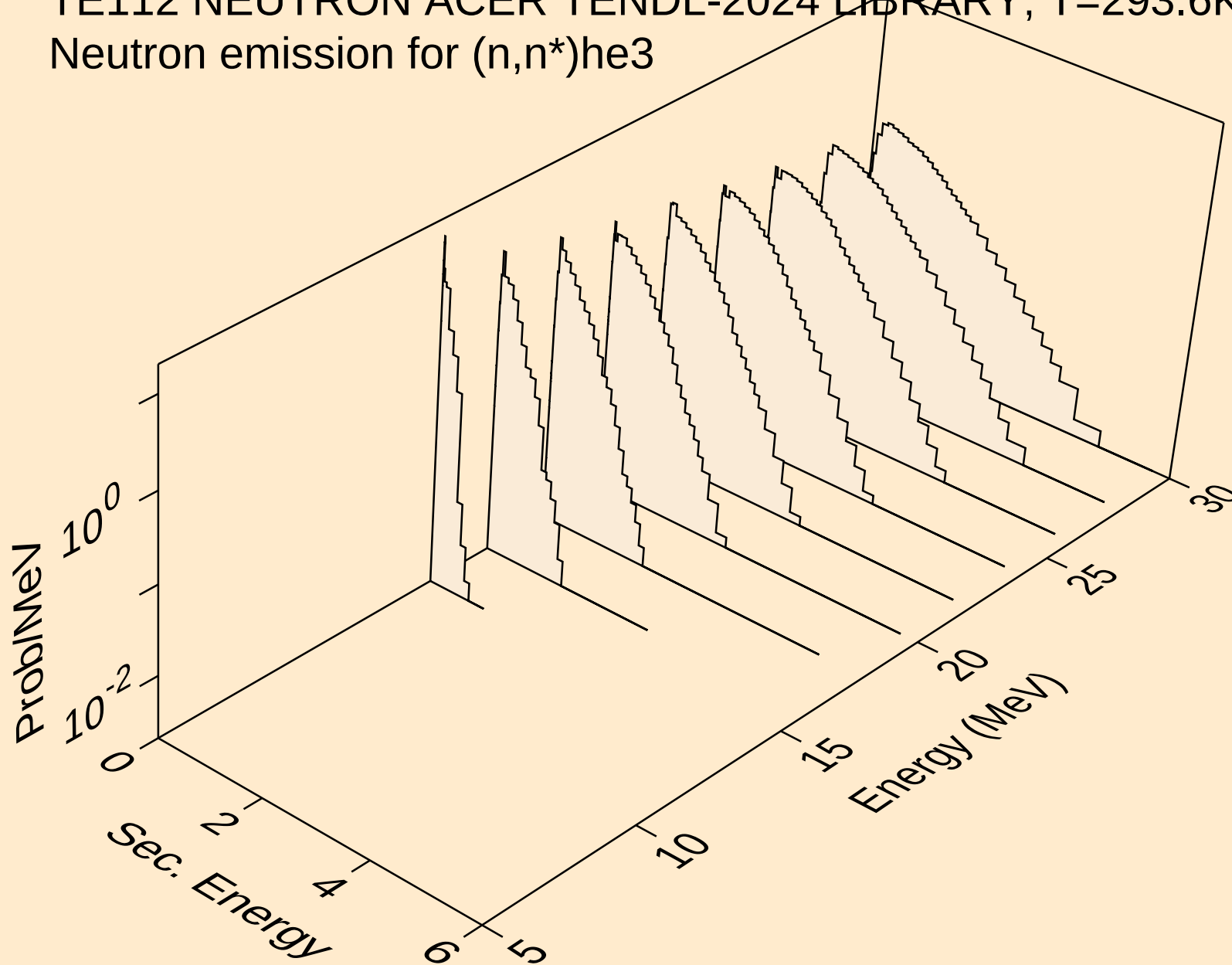
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



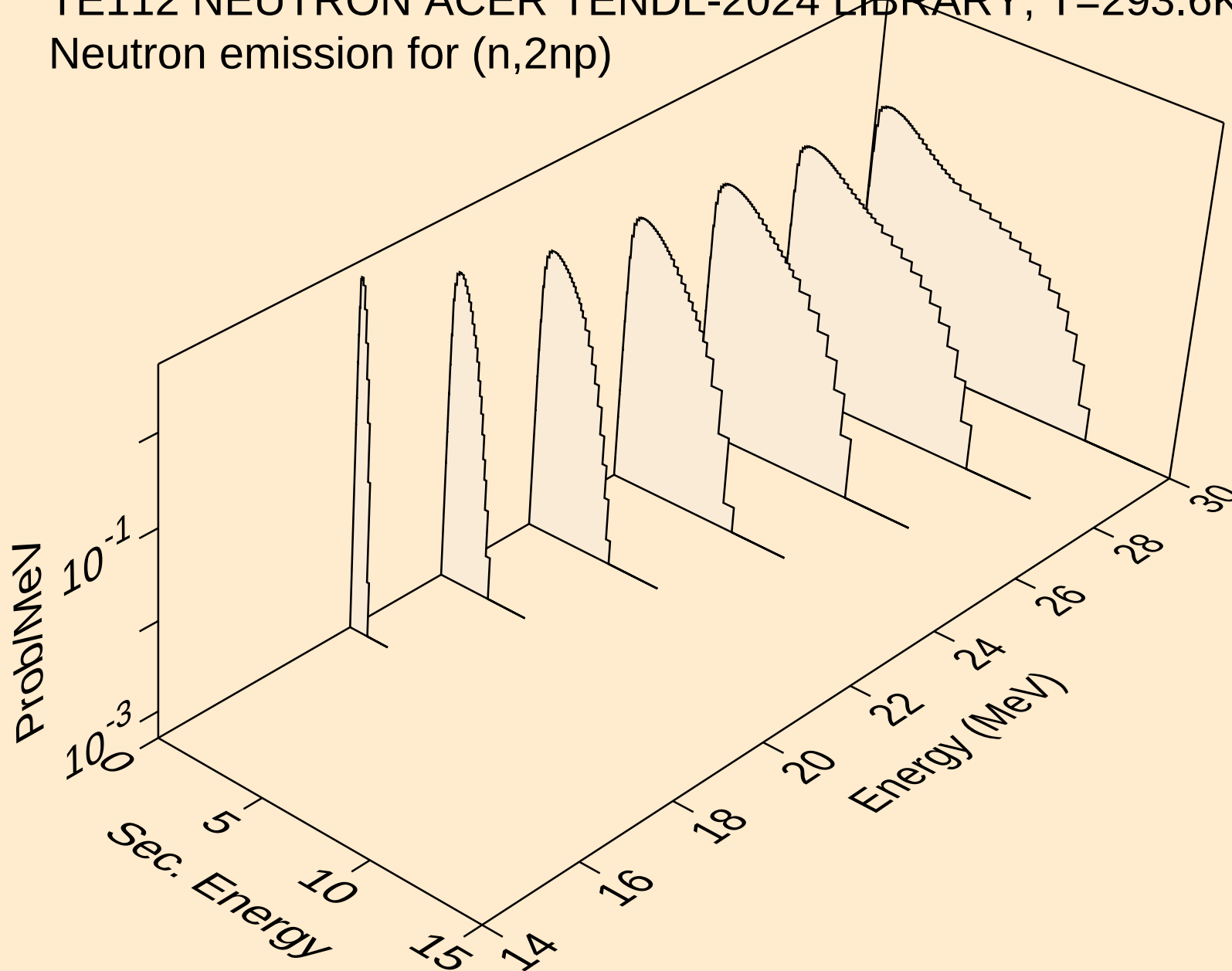
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

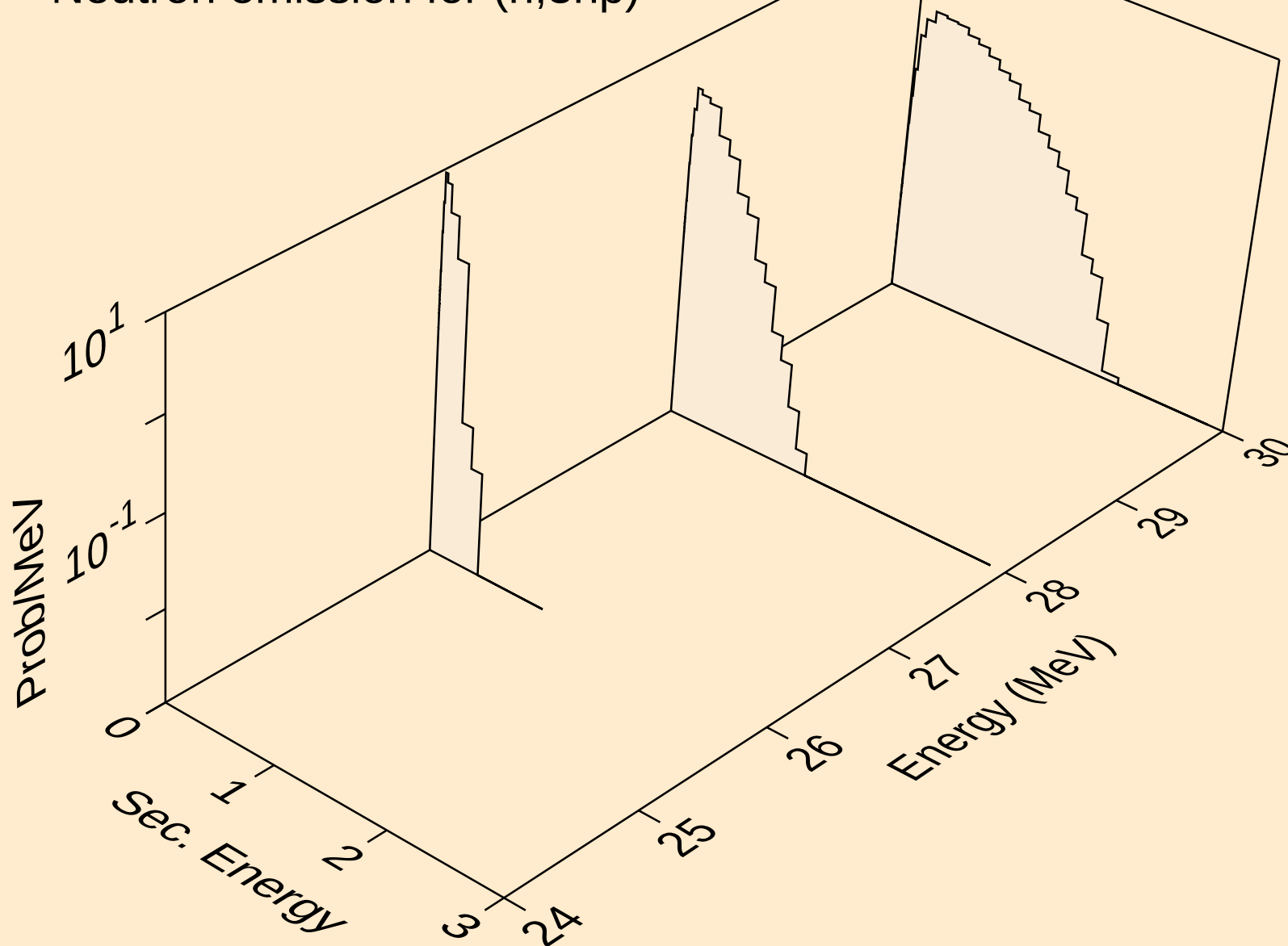


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

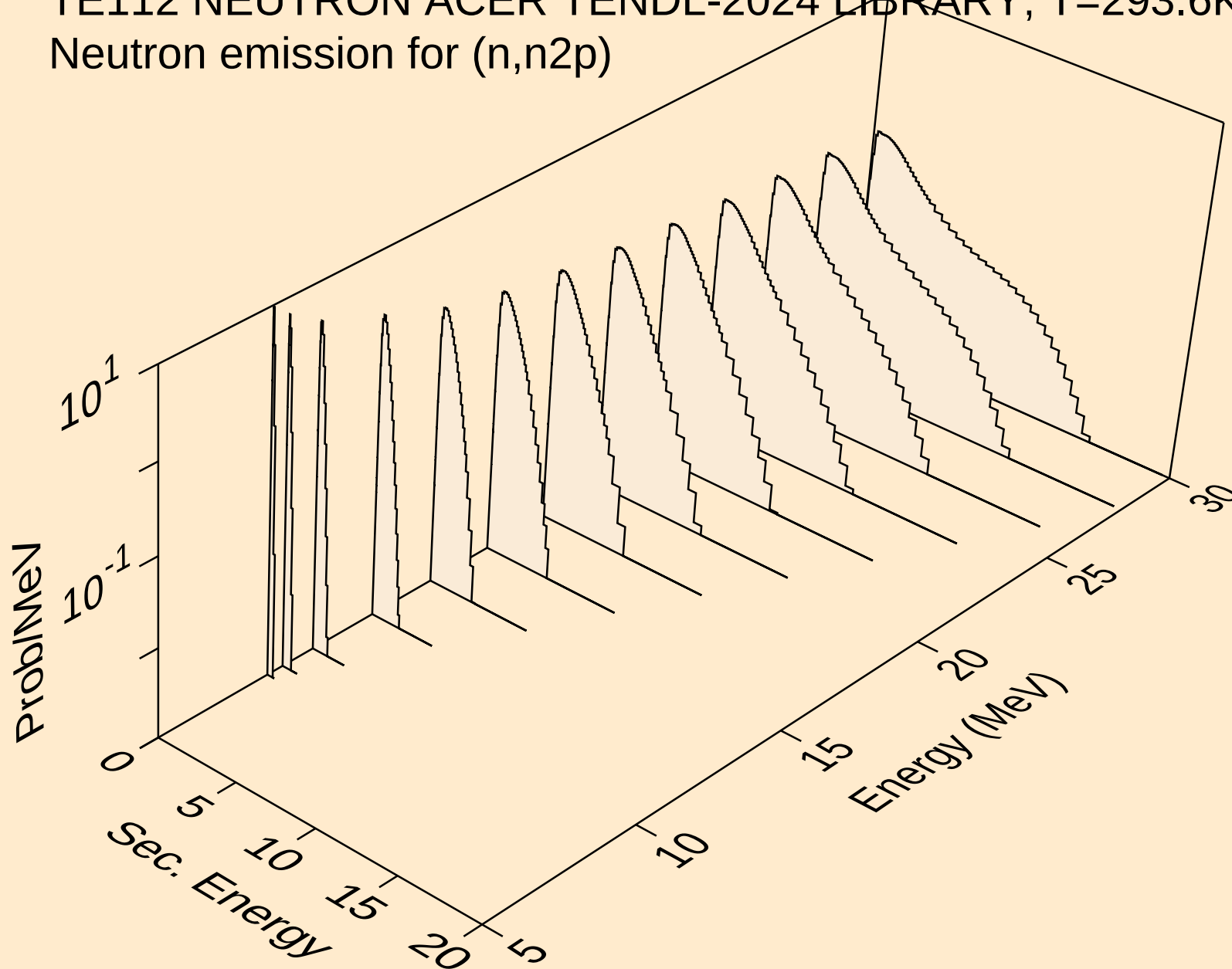




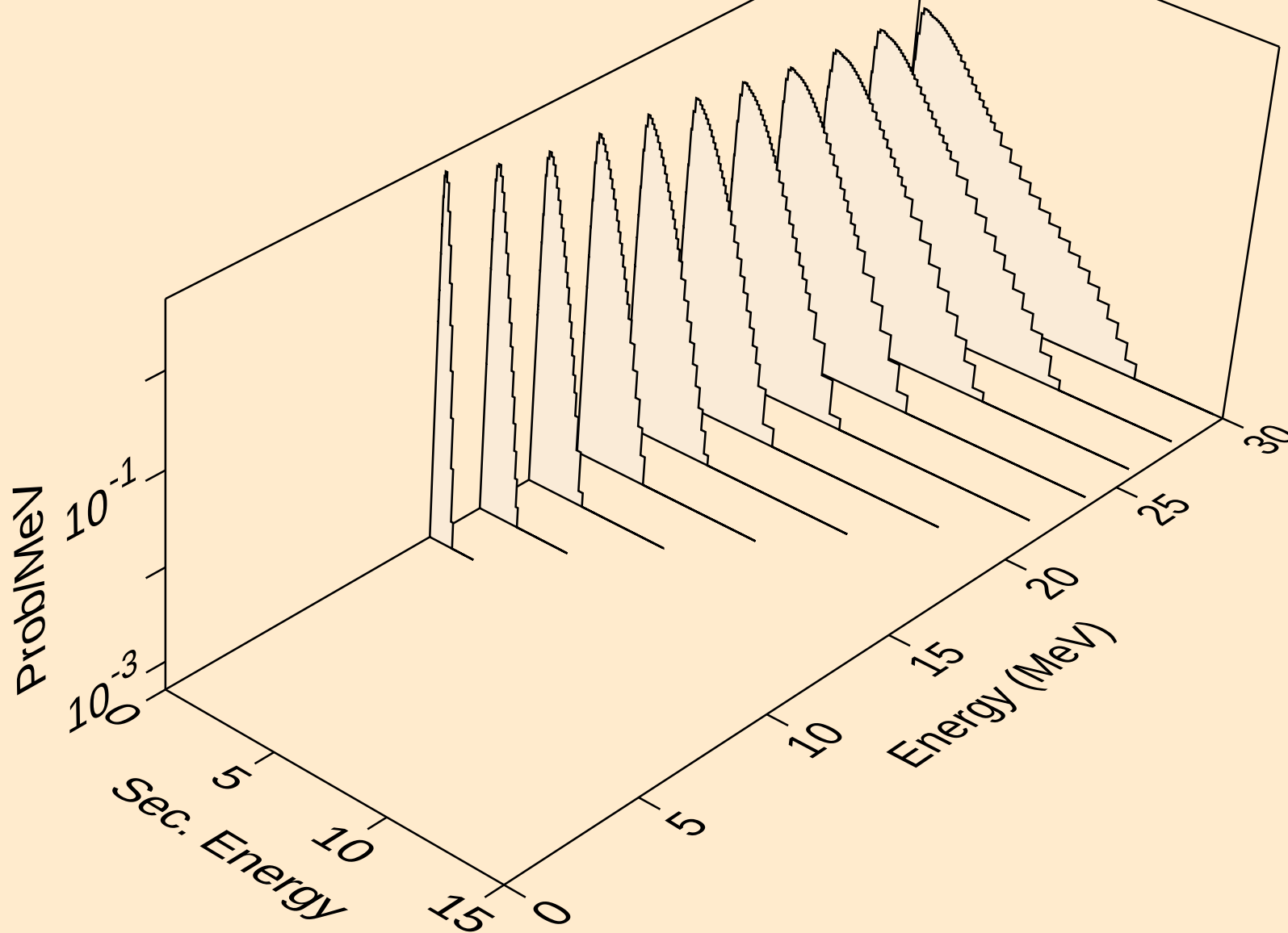
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Neutron emission for (n,3np)



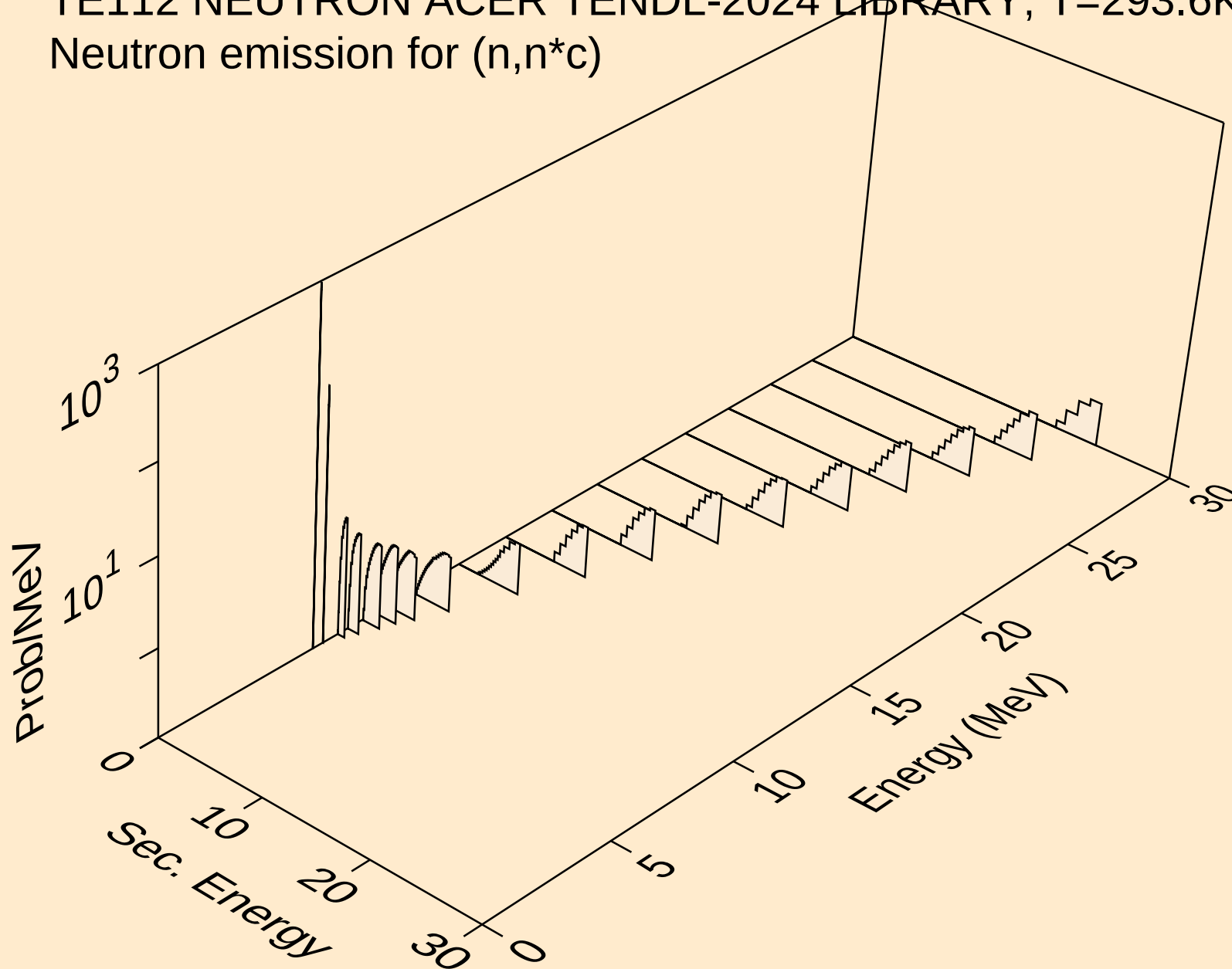
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Neutron emission for (n,n2p)



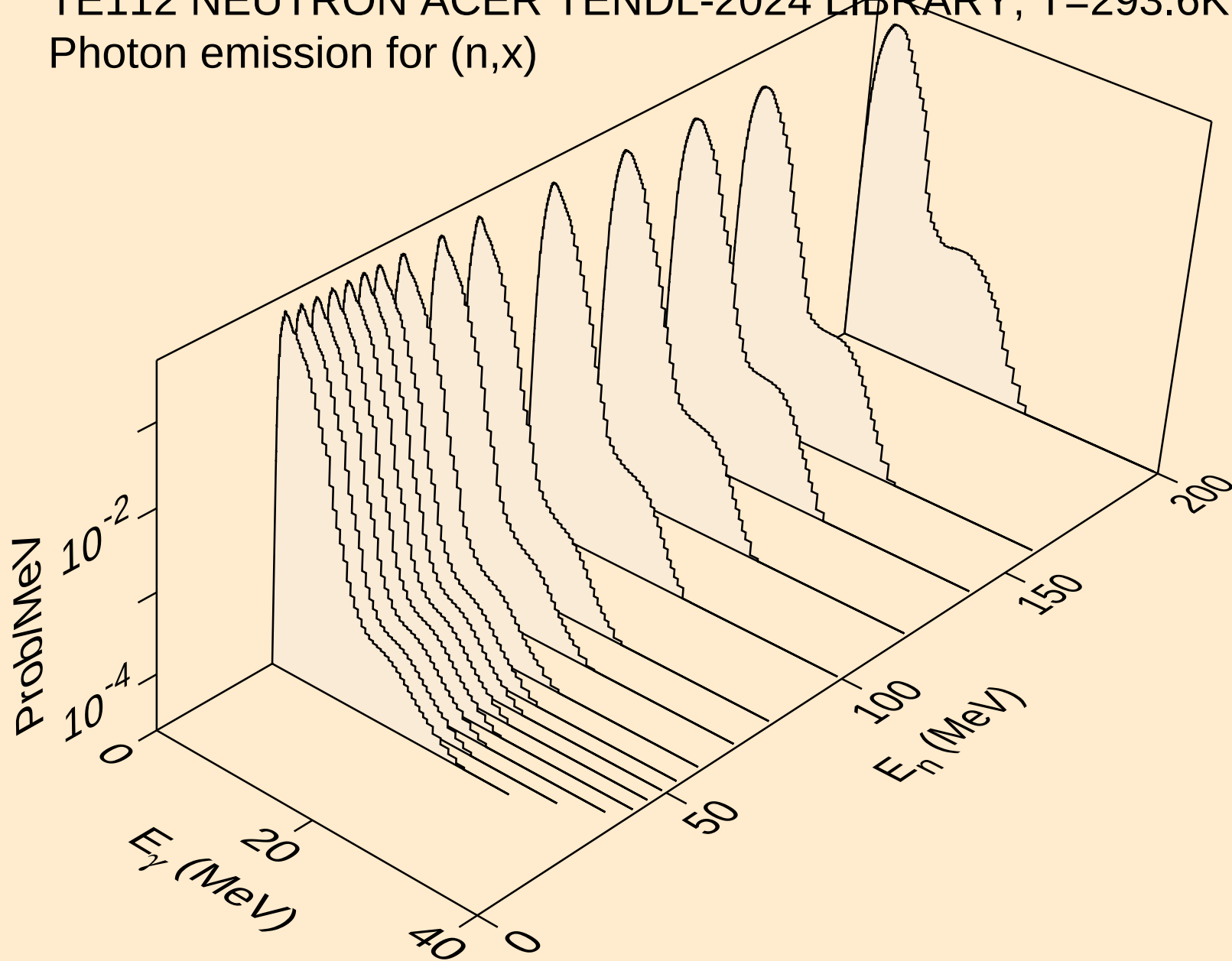
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Neutron emission for (n,npa)



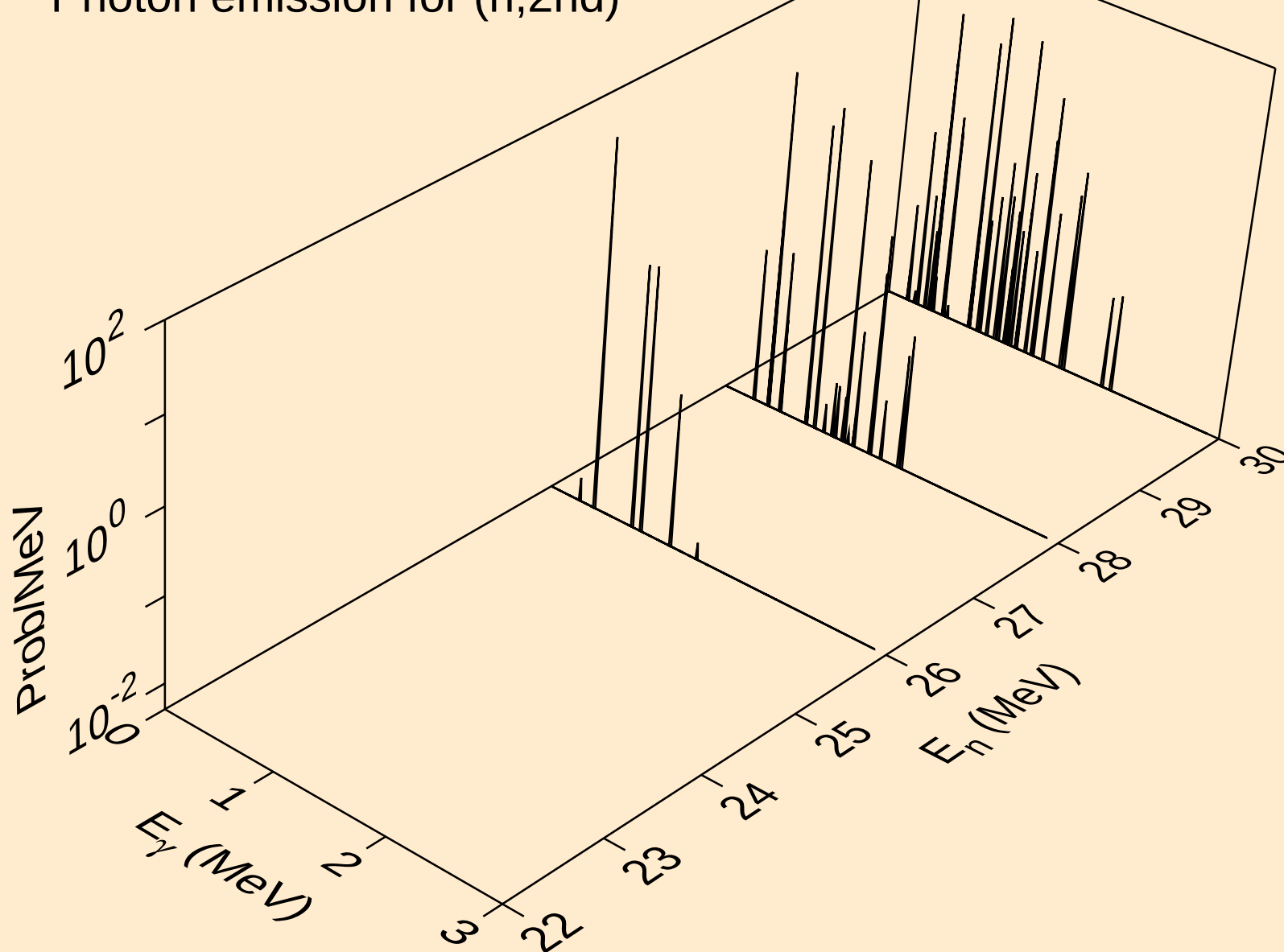
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



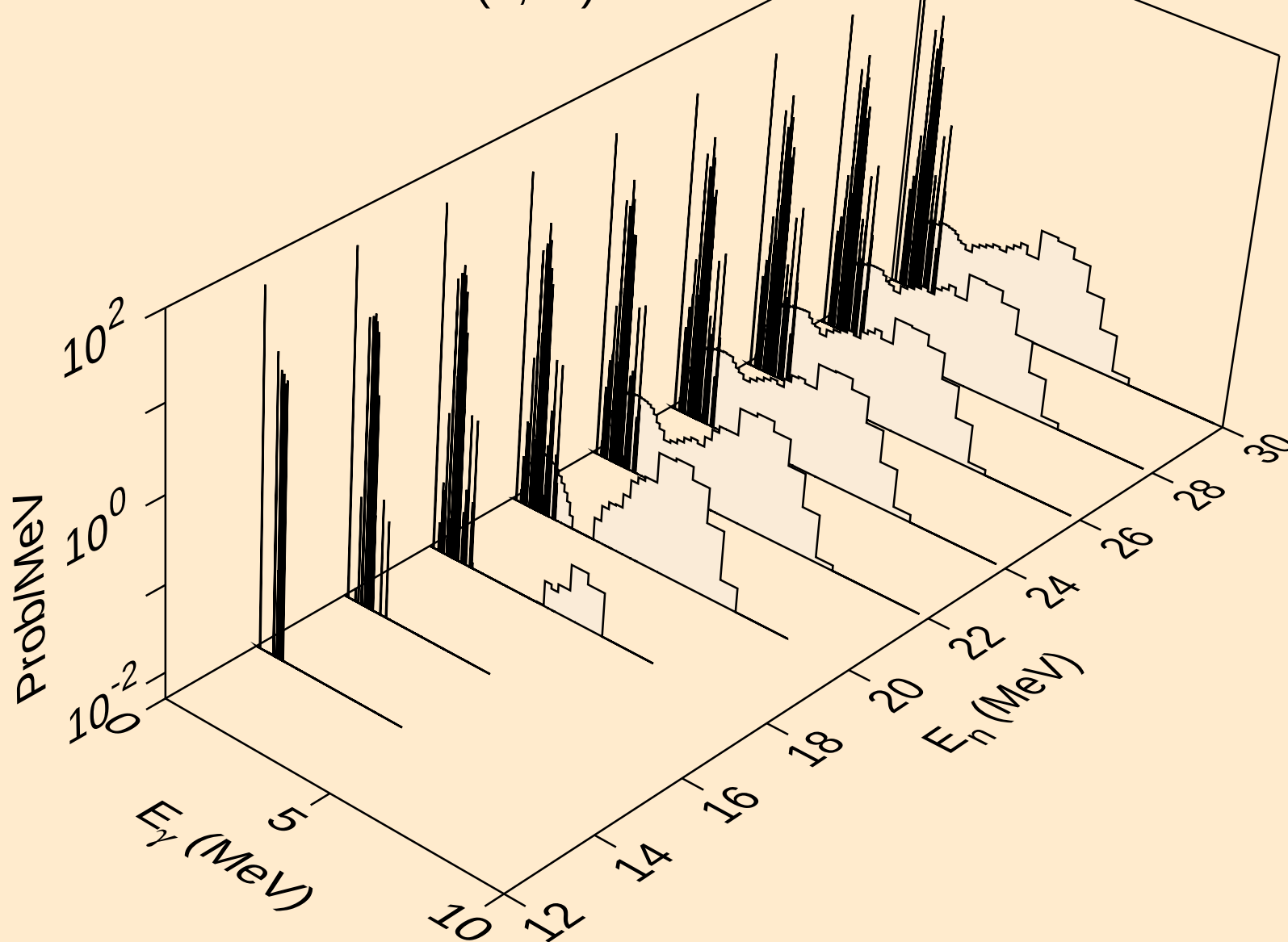
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



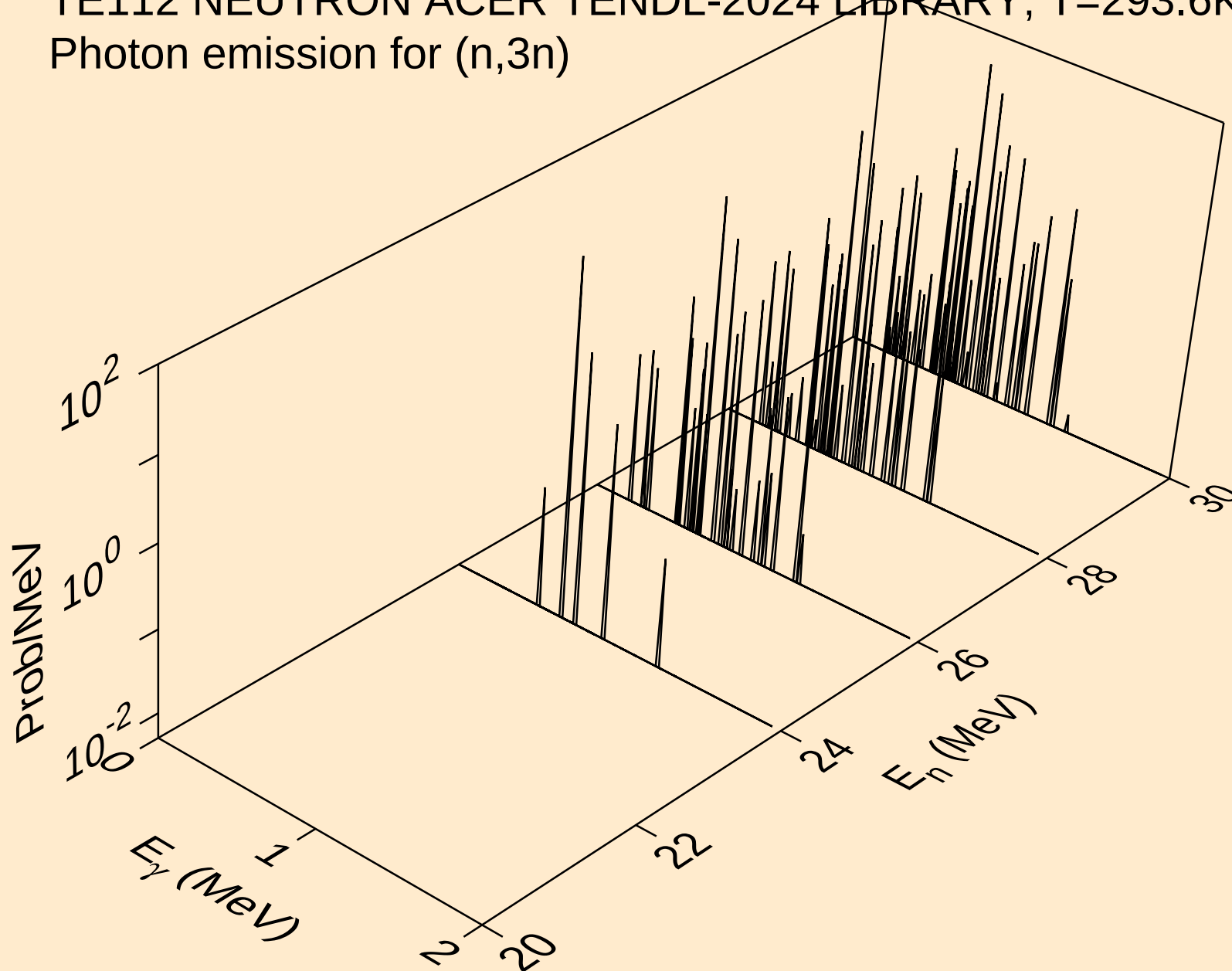
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)

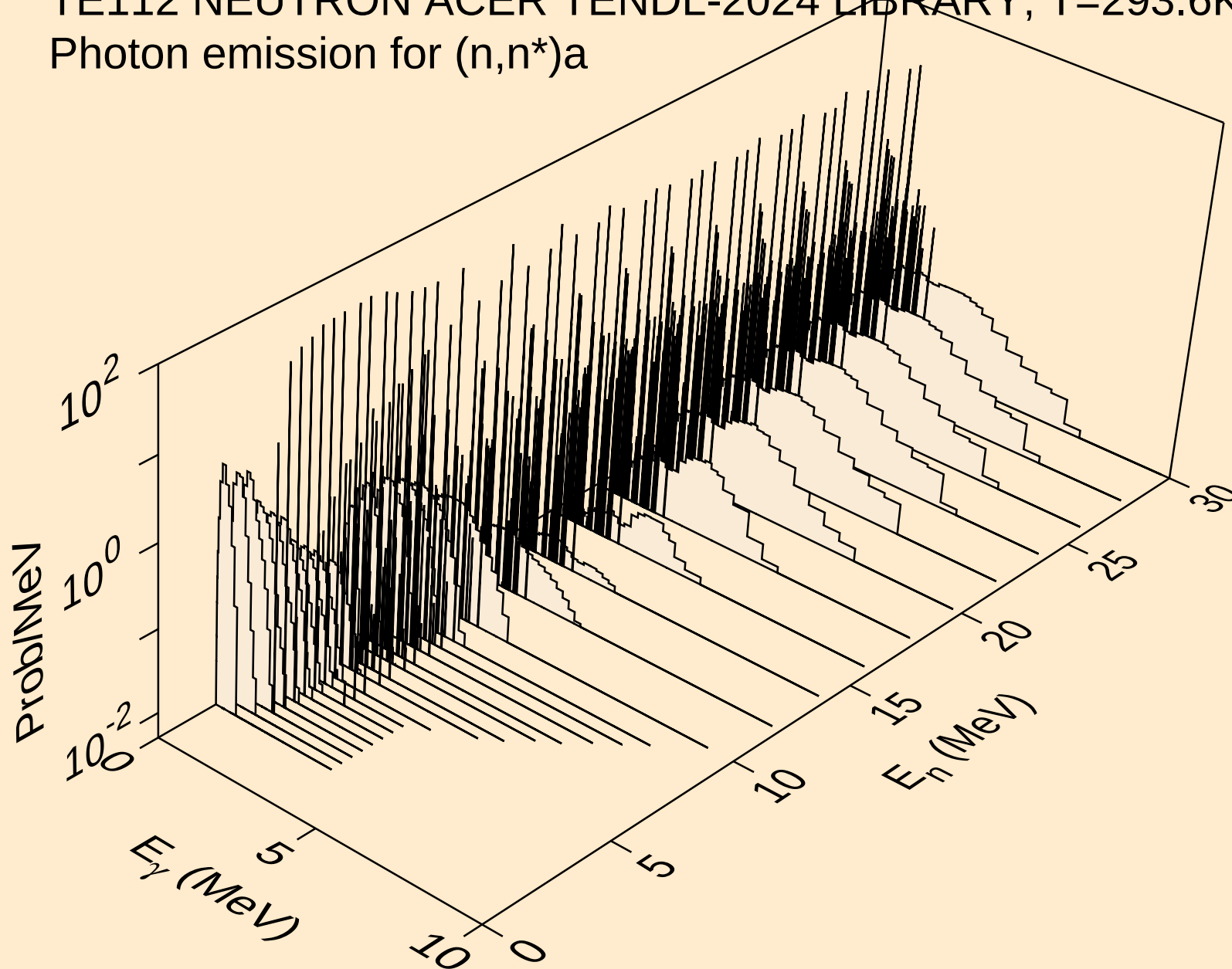


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)

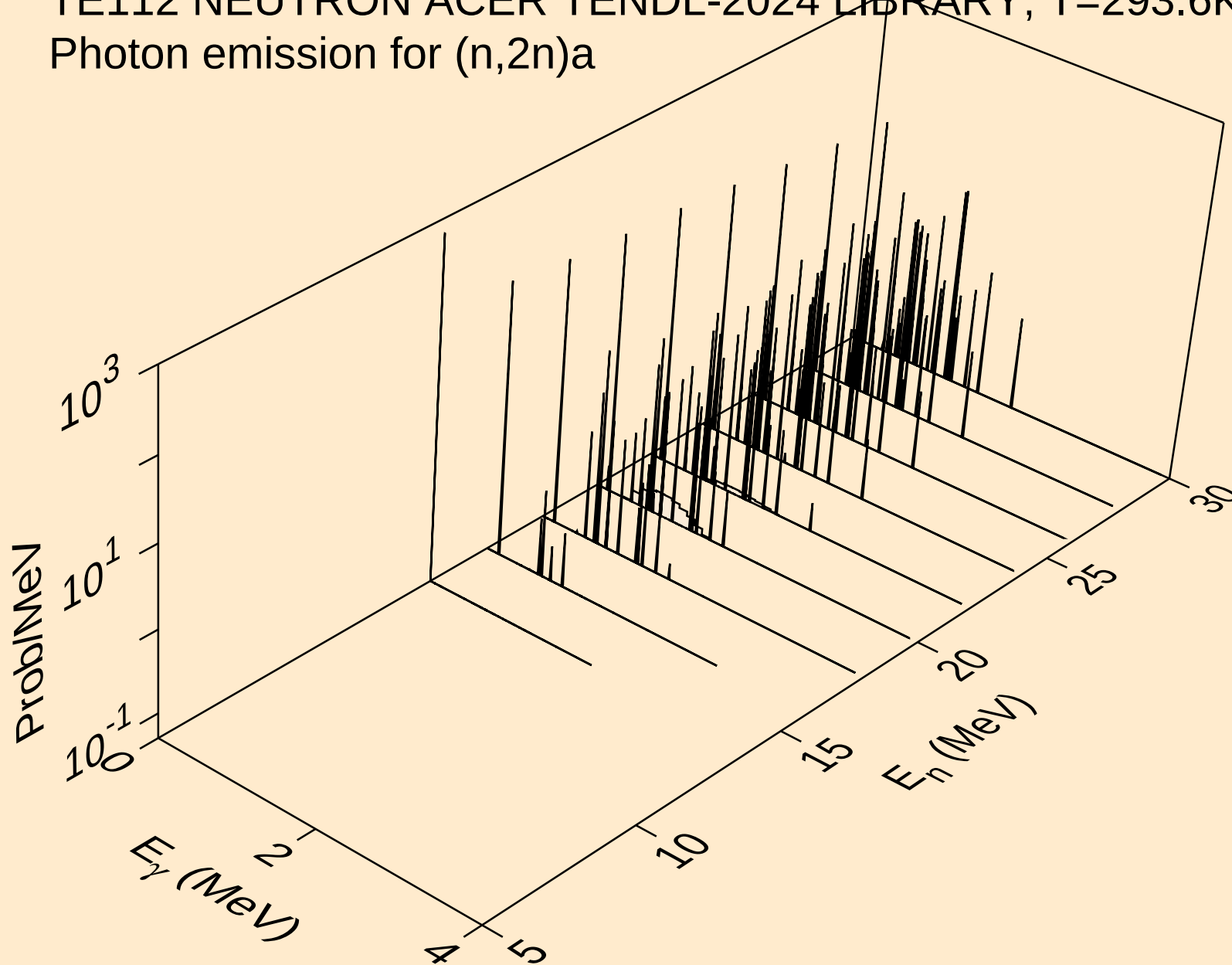




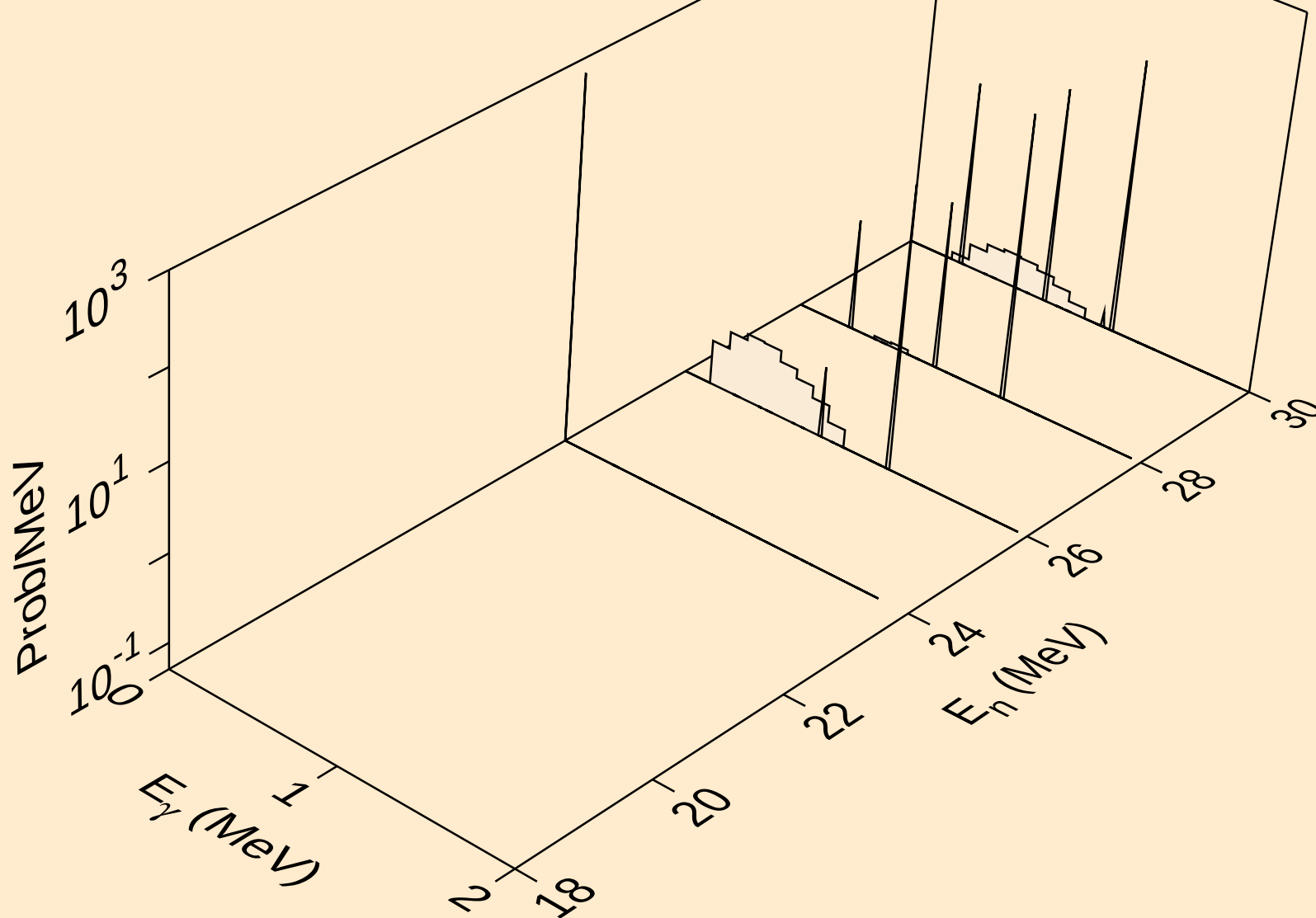
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



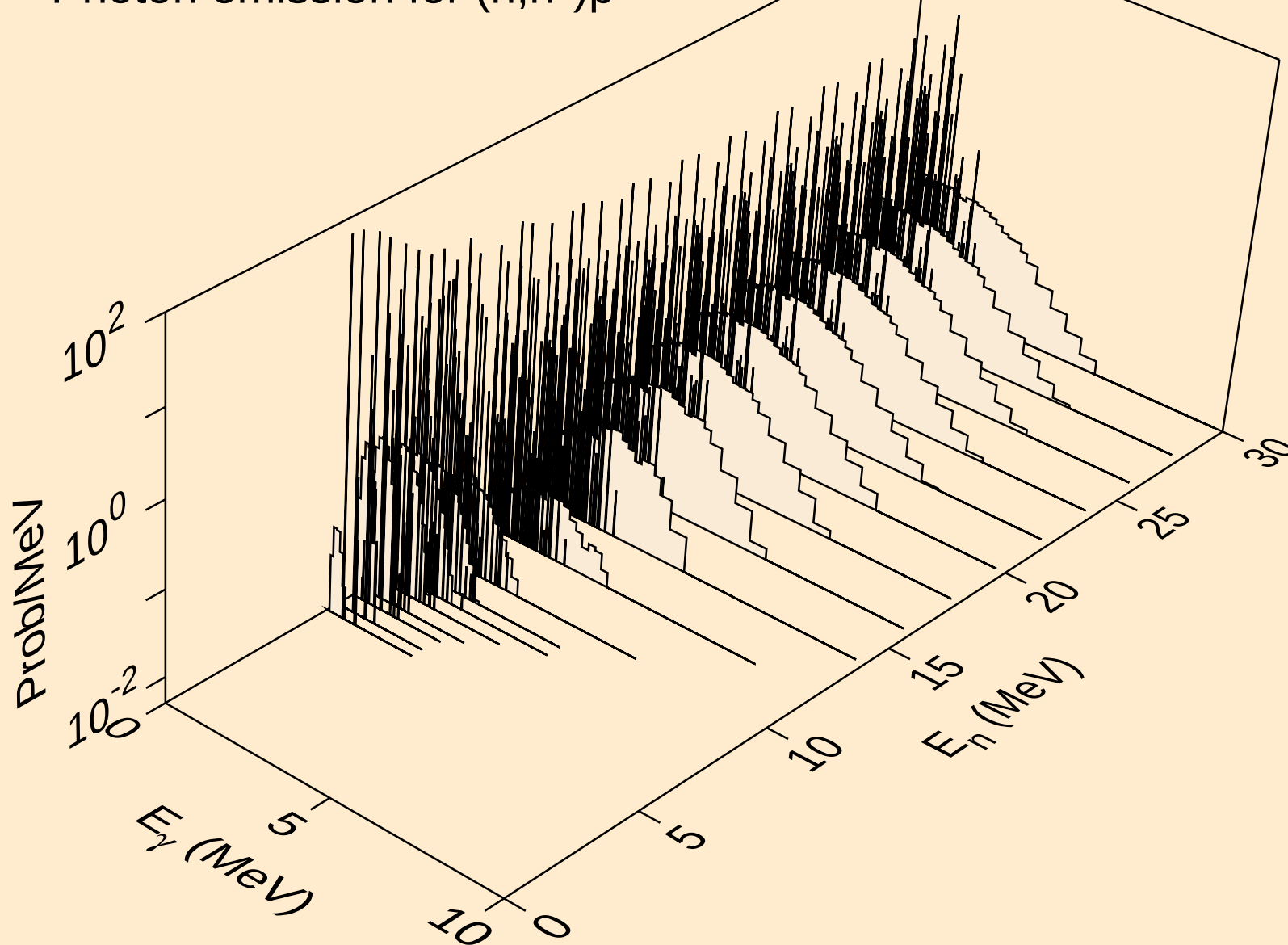
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$



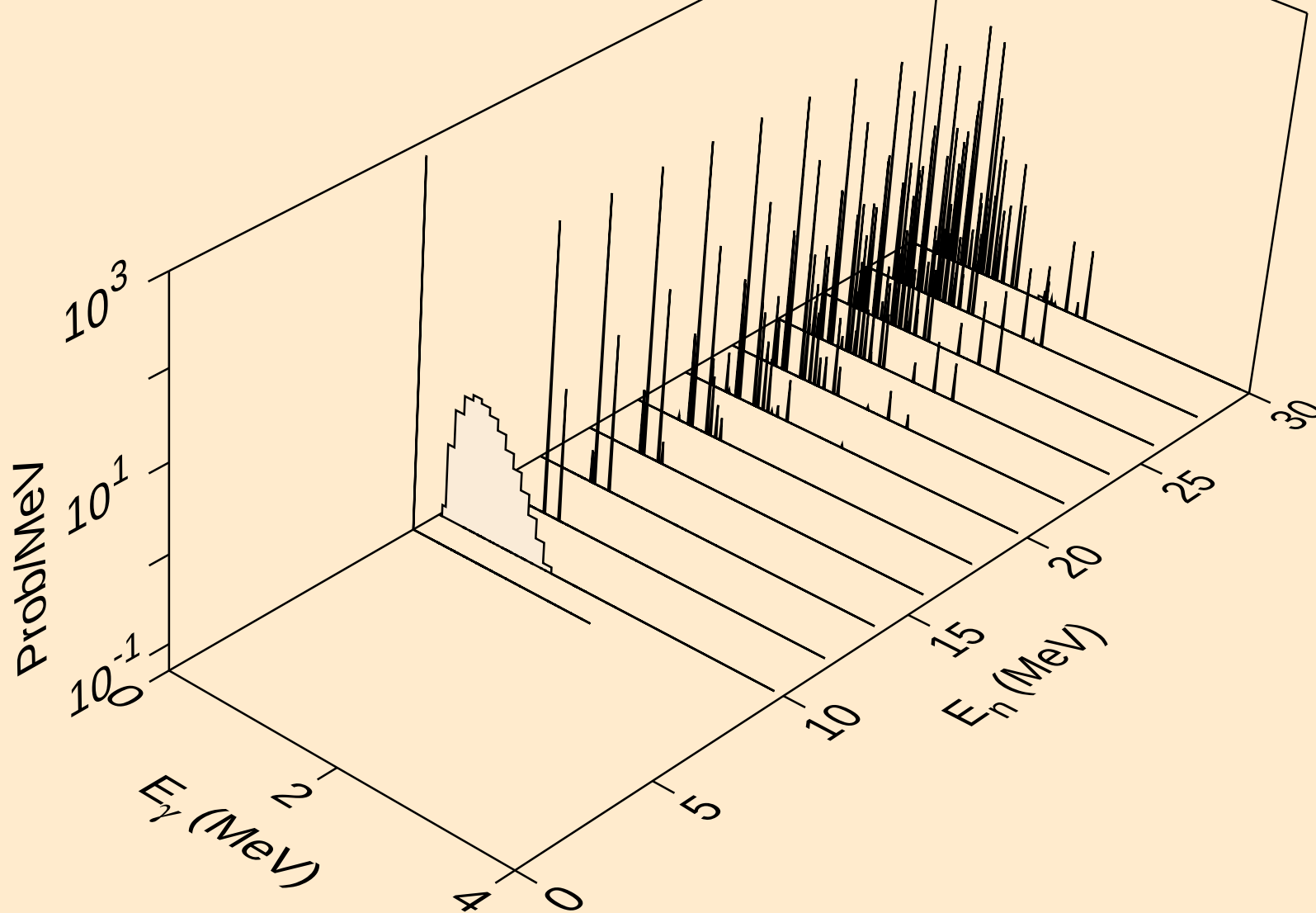
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n) $\alpha$



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

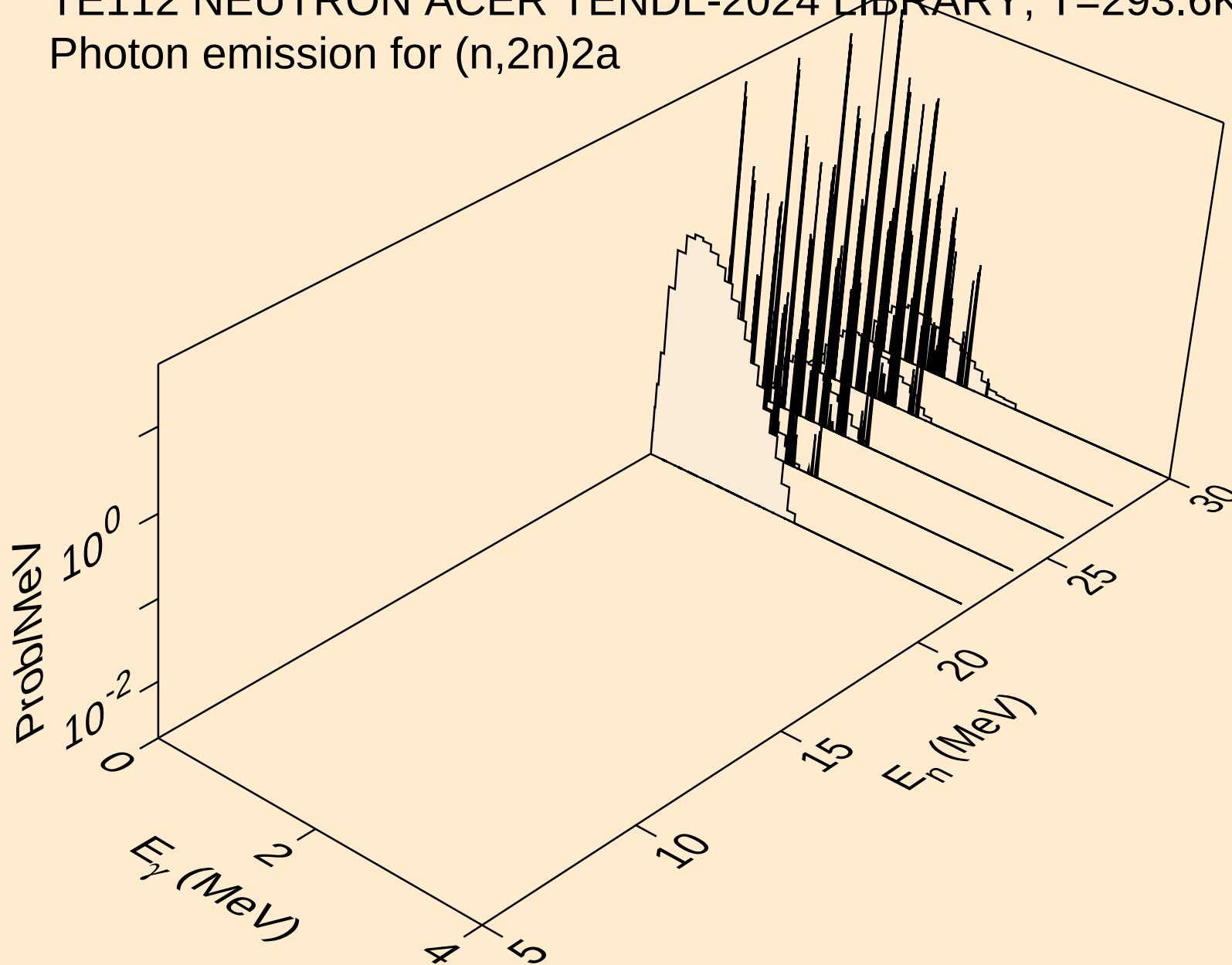


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



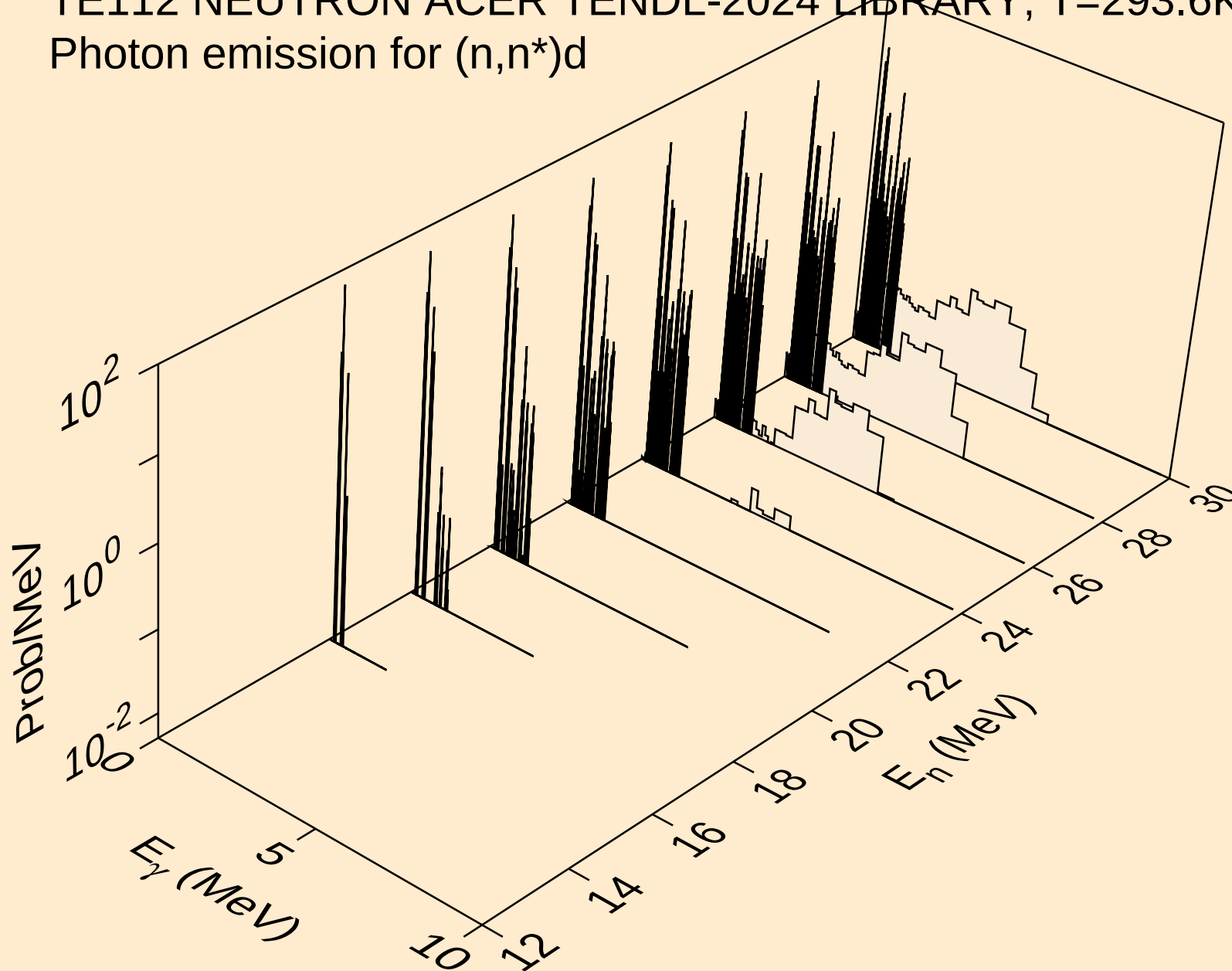
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,2n)2a

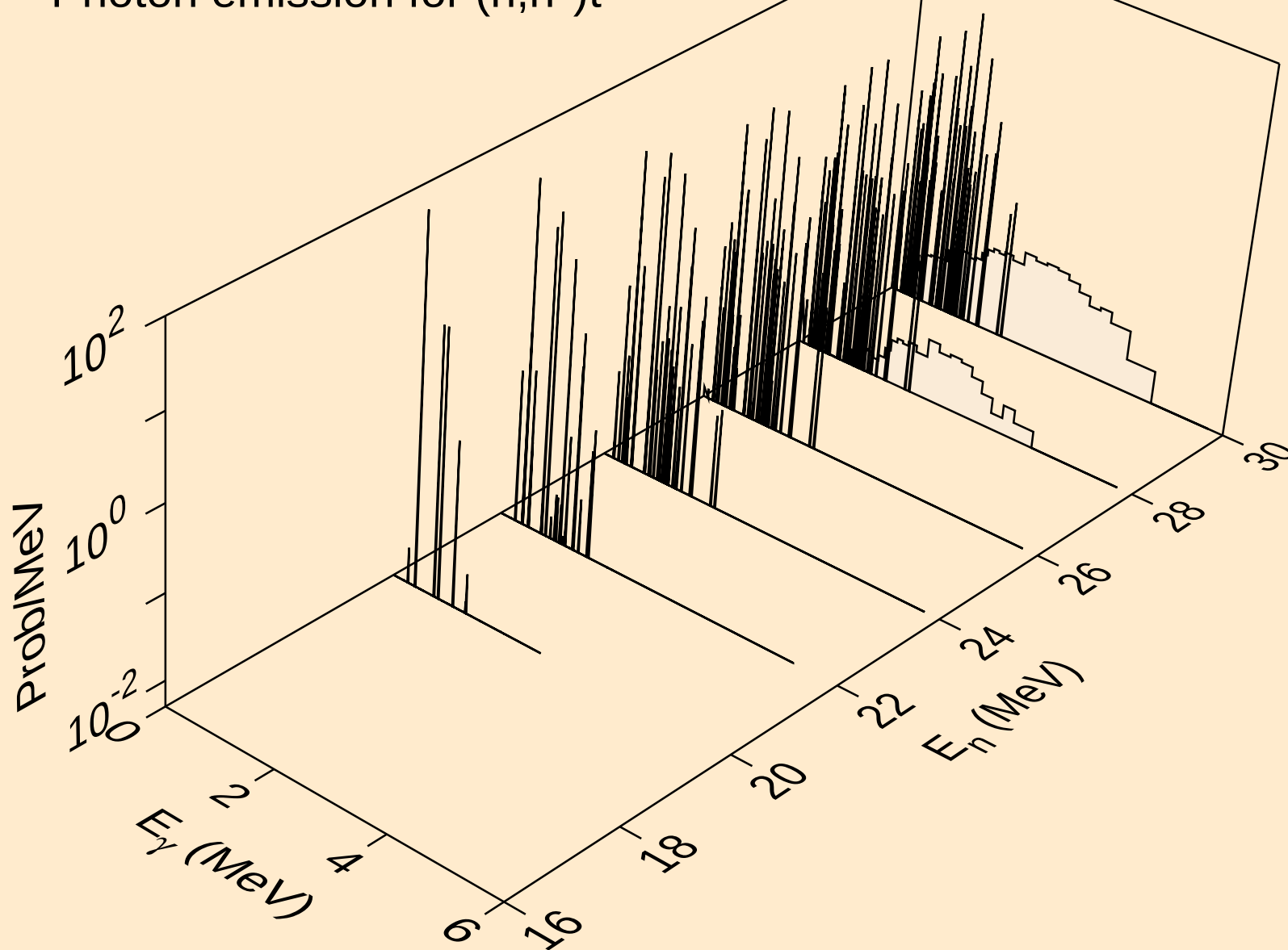


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n\*)d

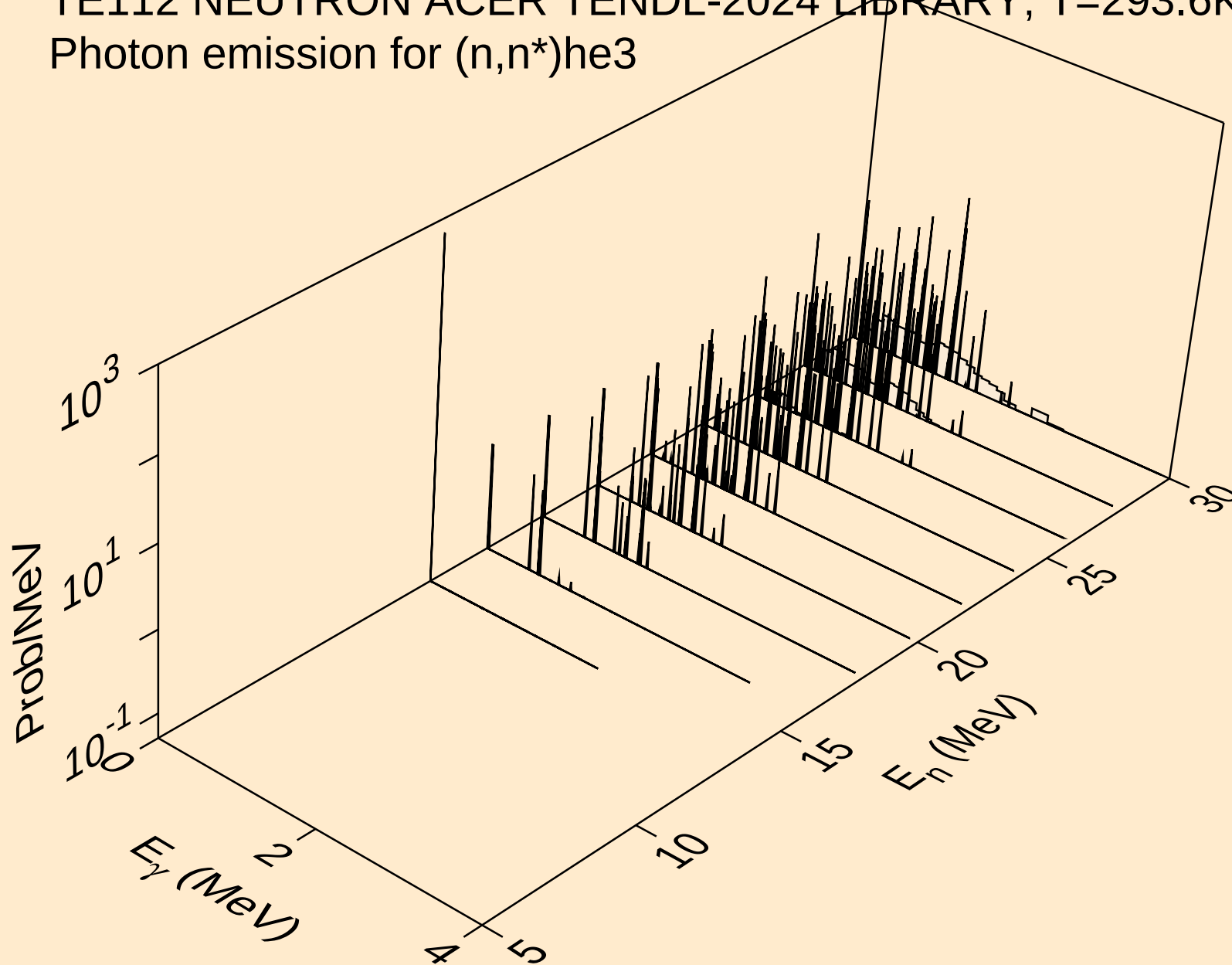


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

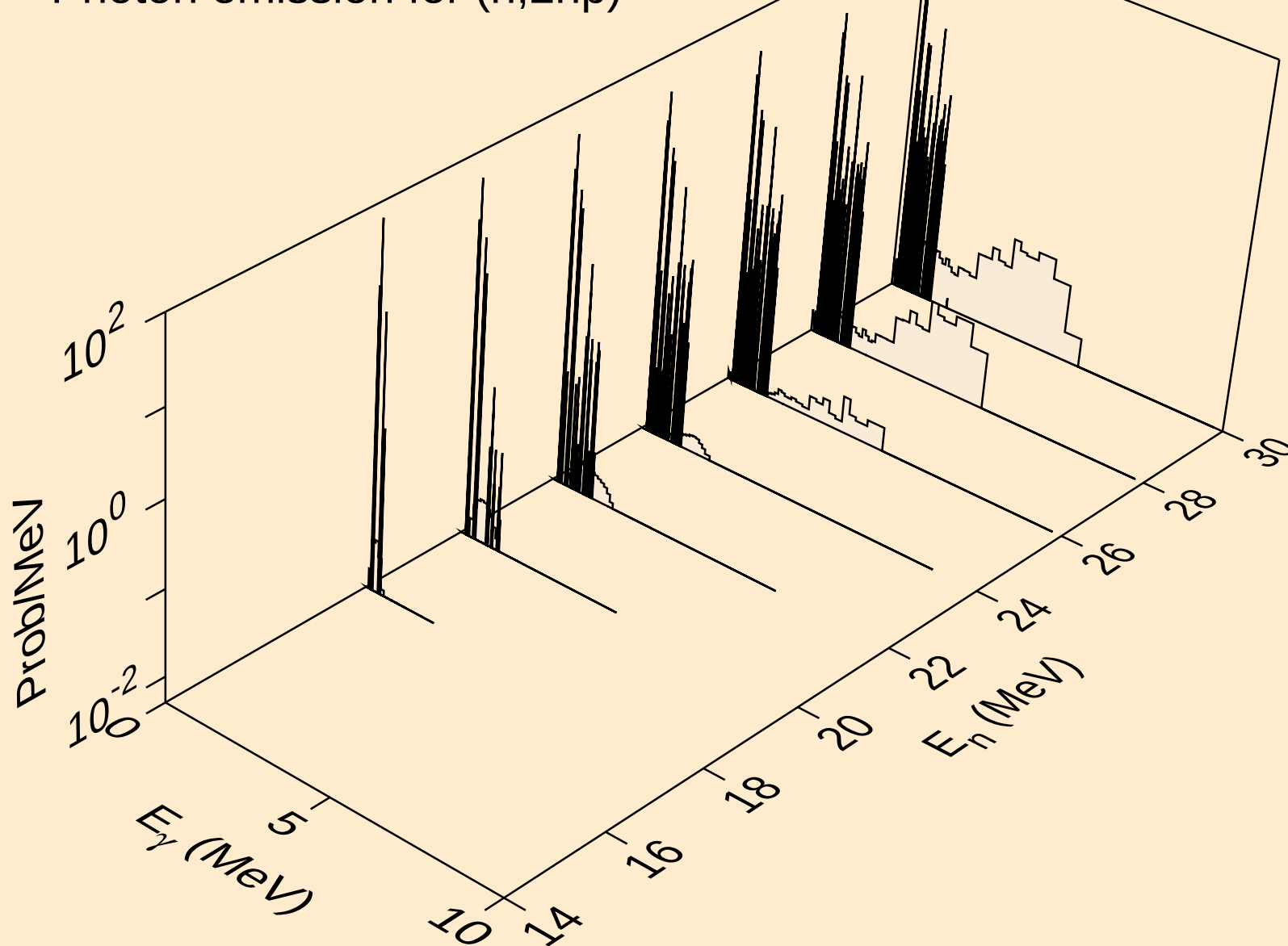




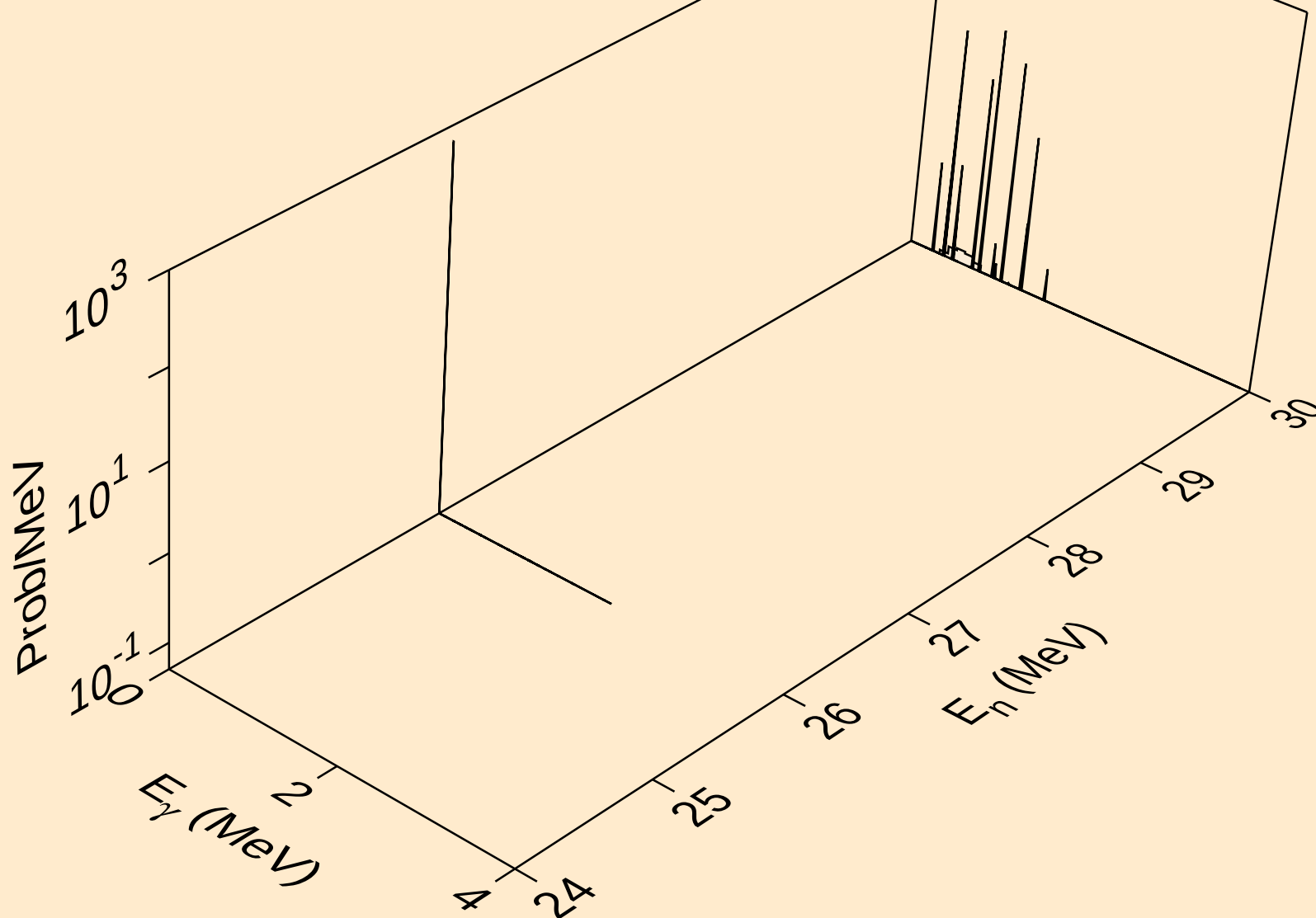
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



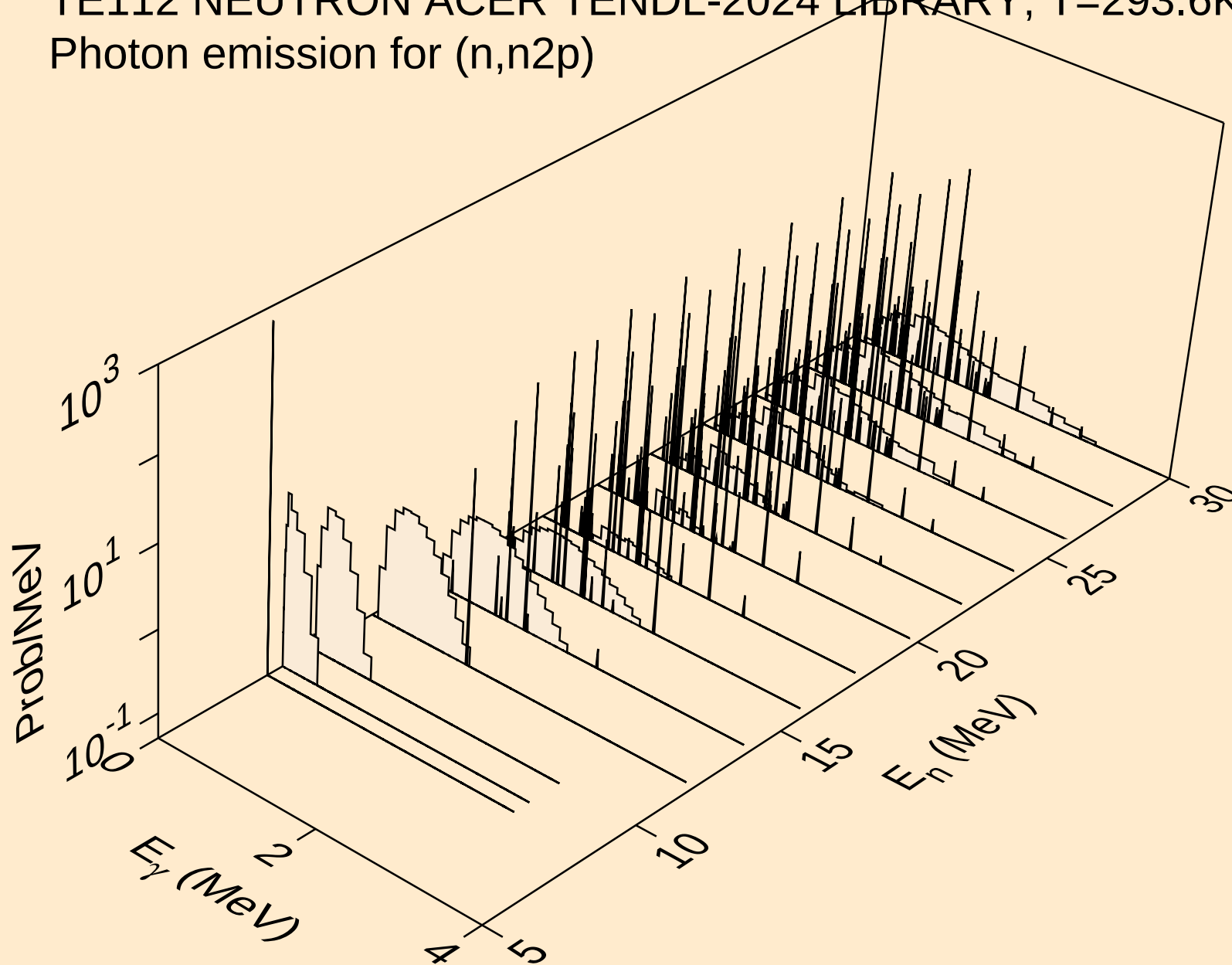
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



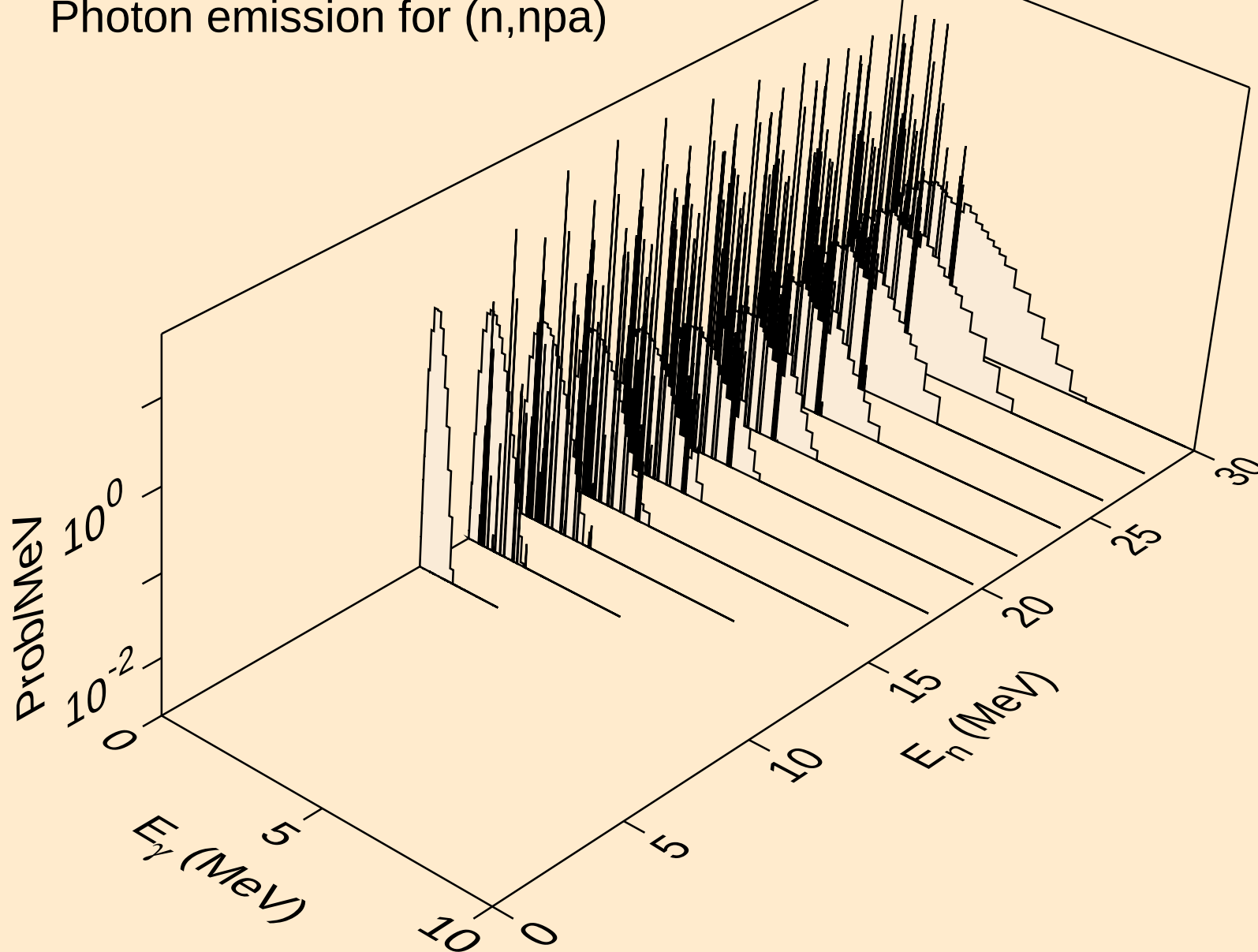
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



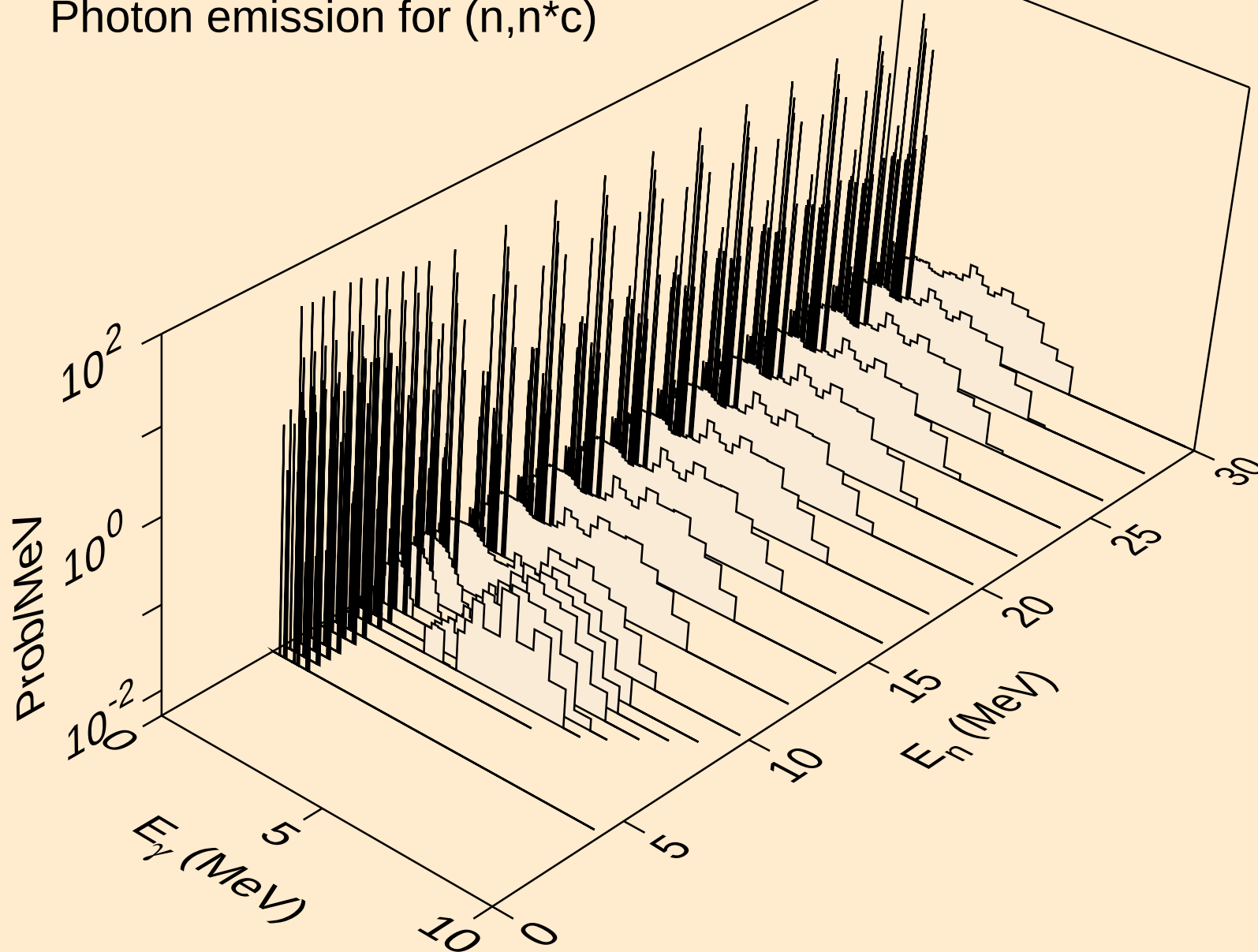
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



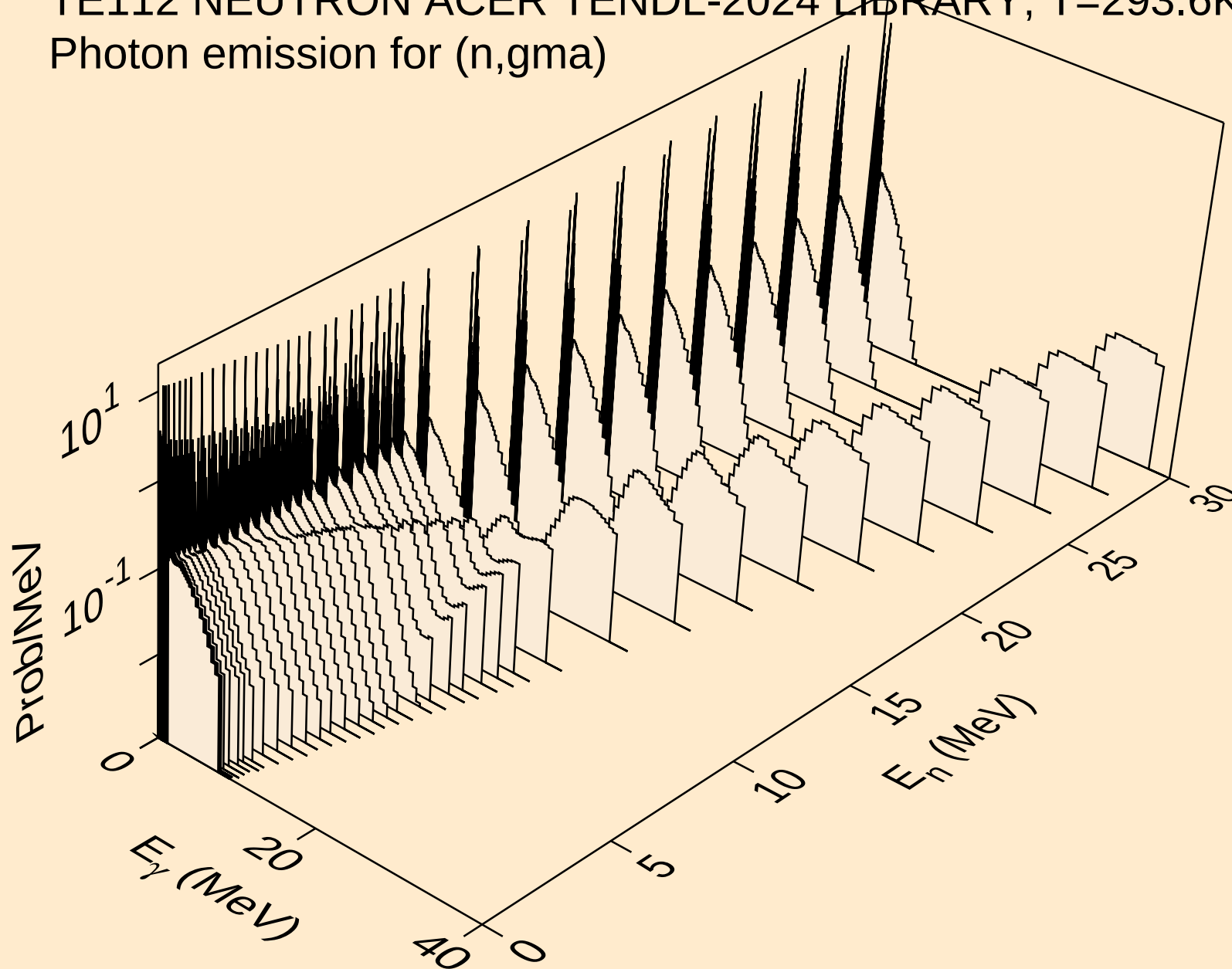
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



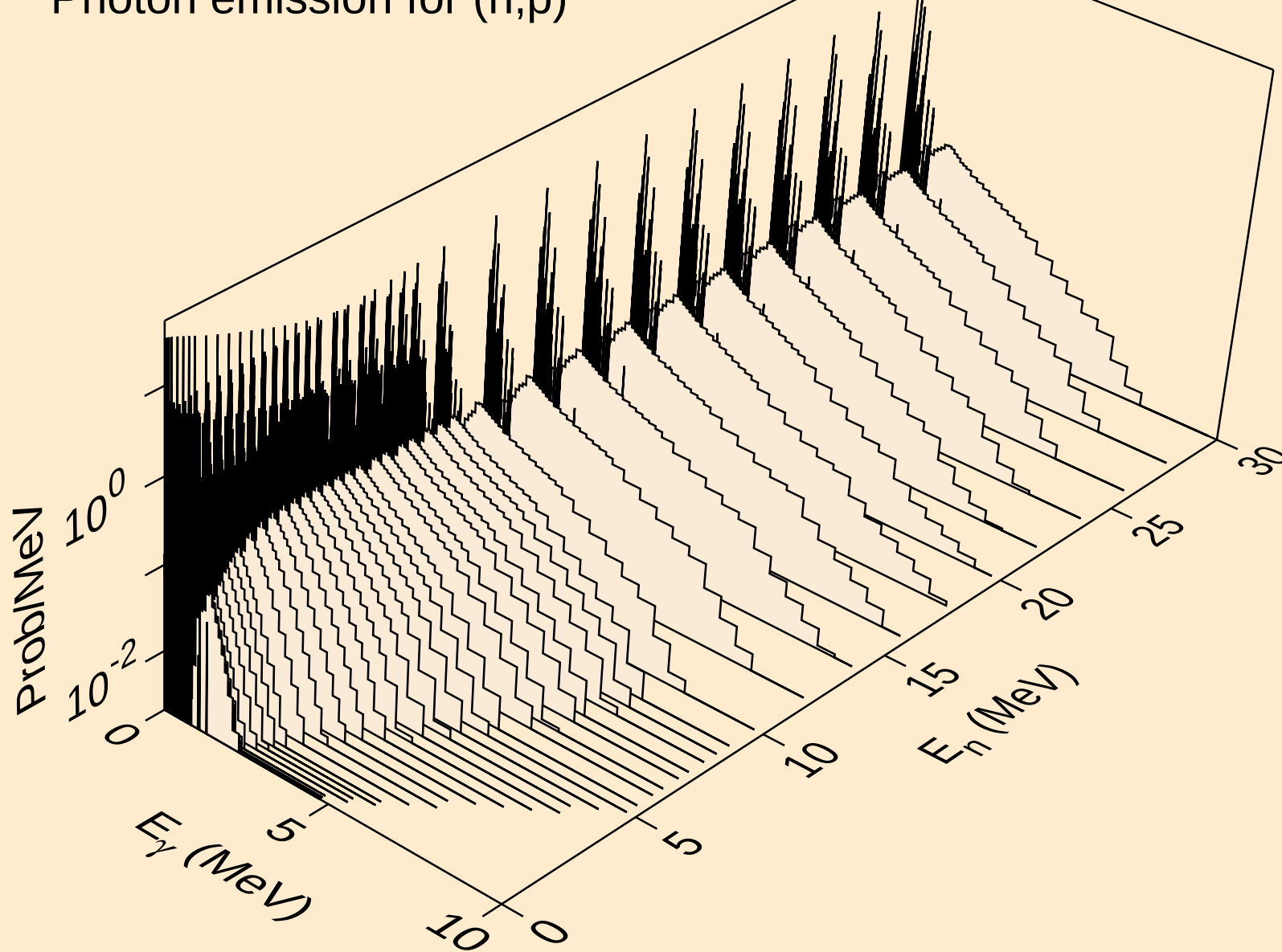
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)

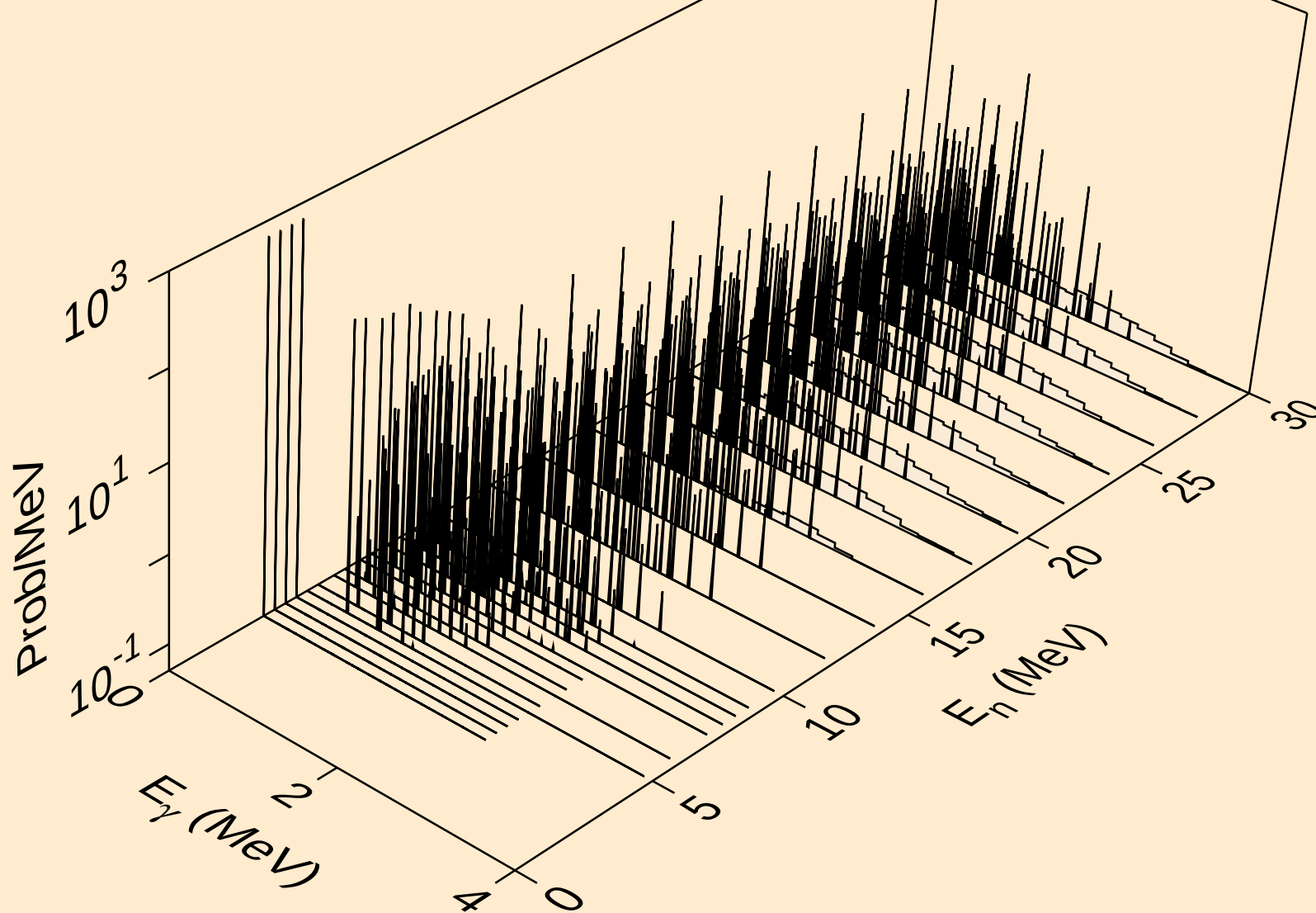


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)

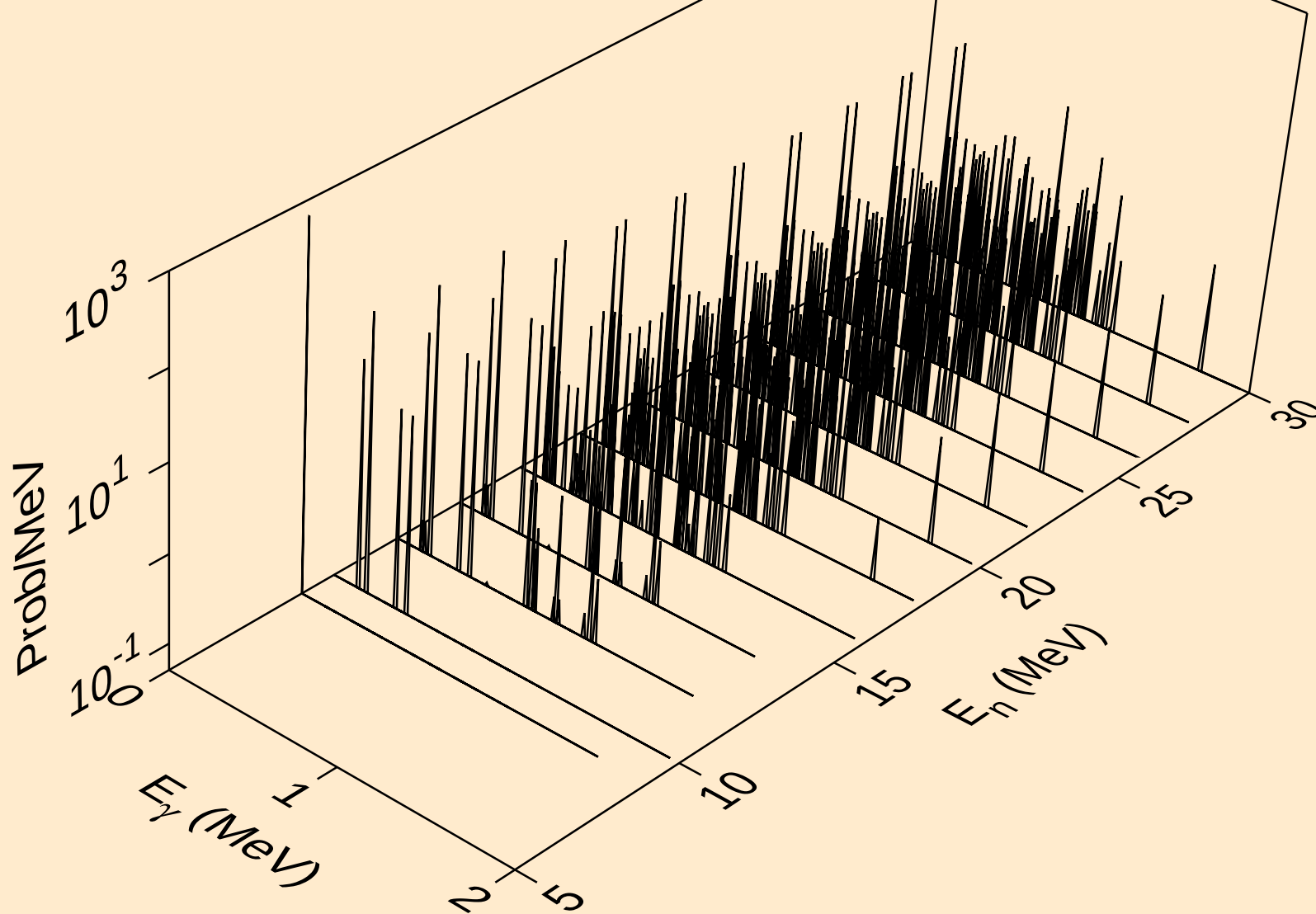




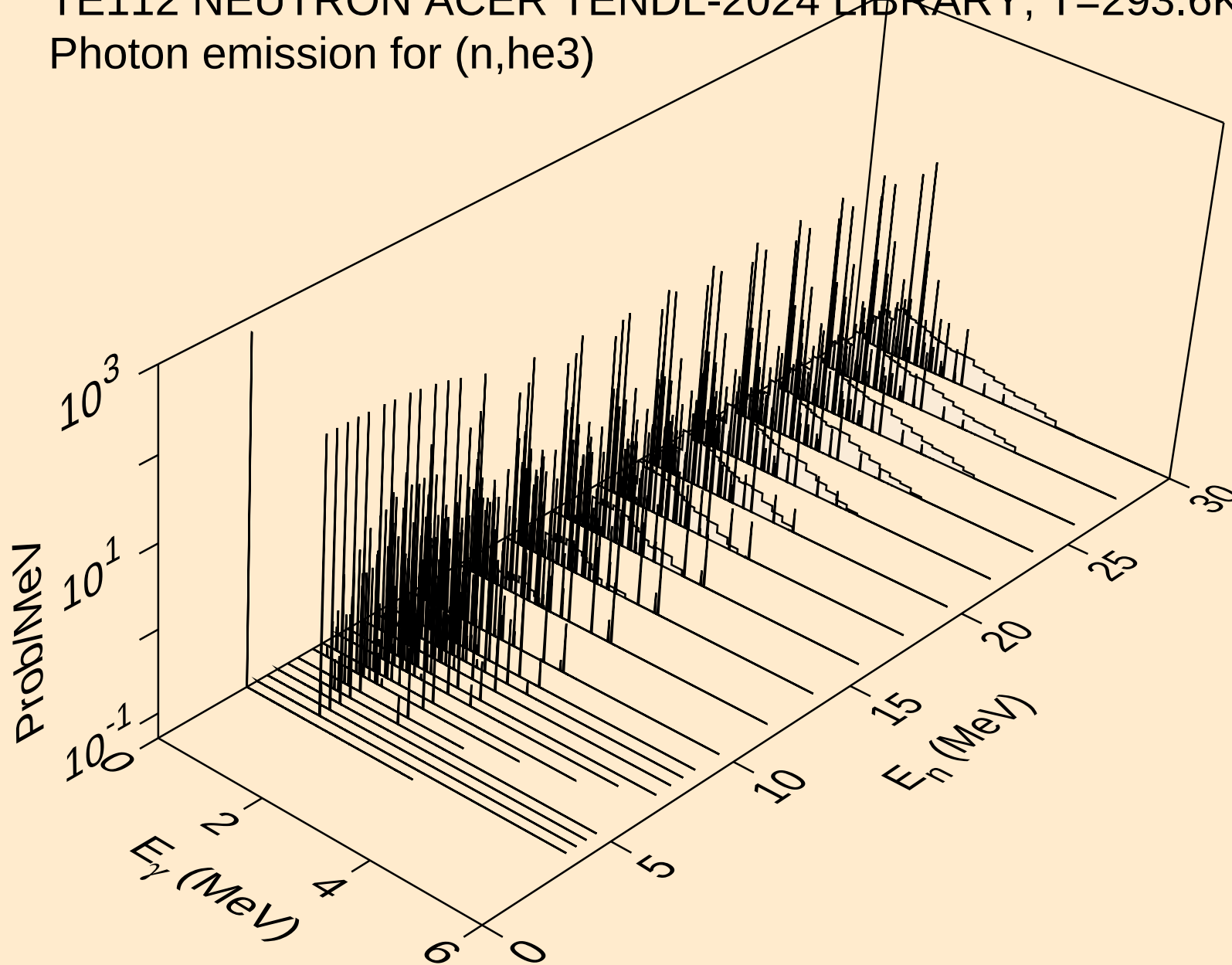
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



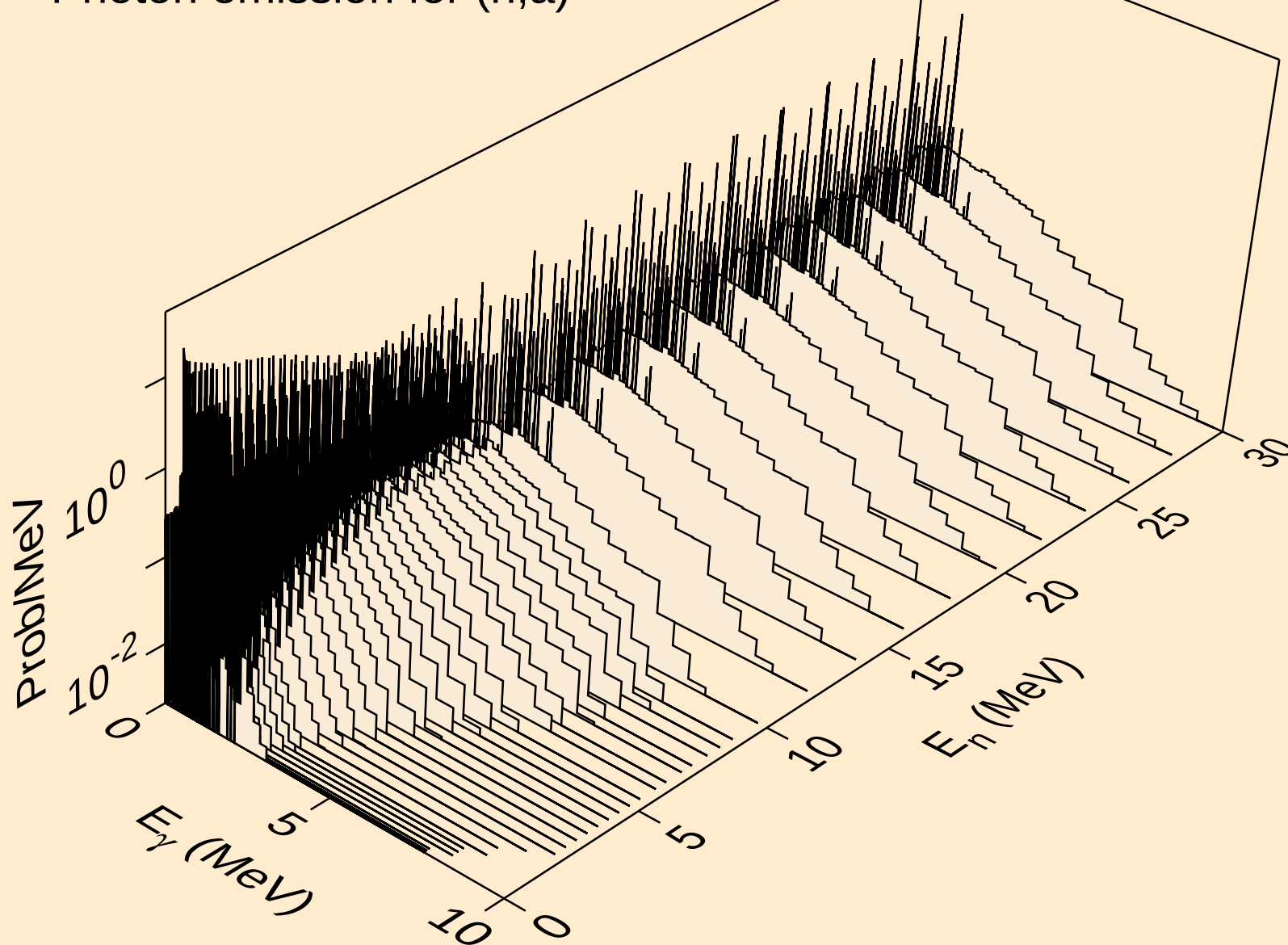
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



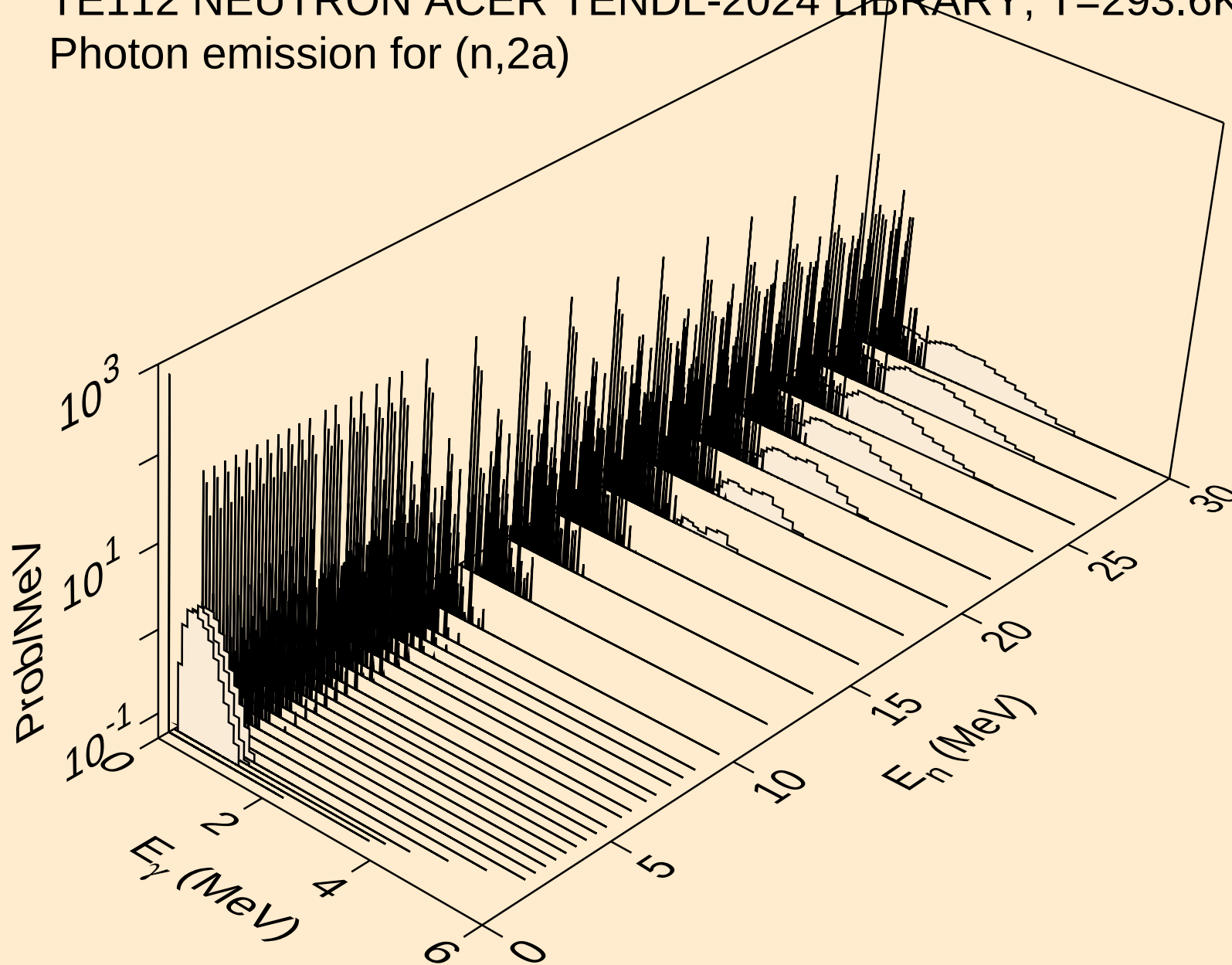
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



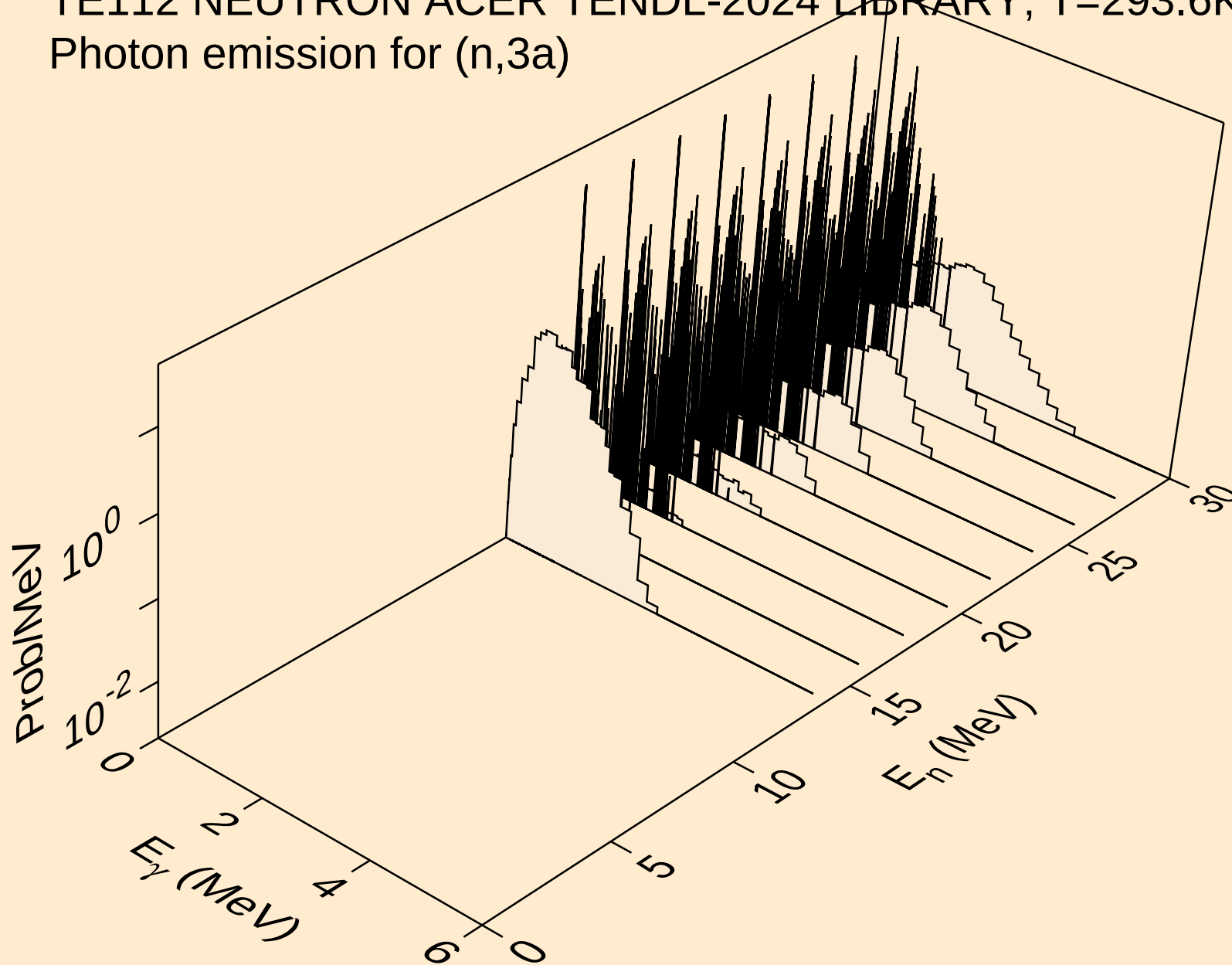
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



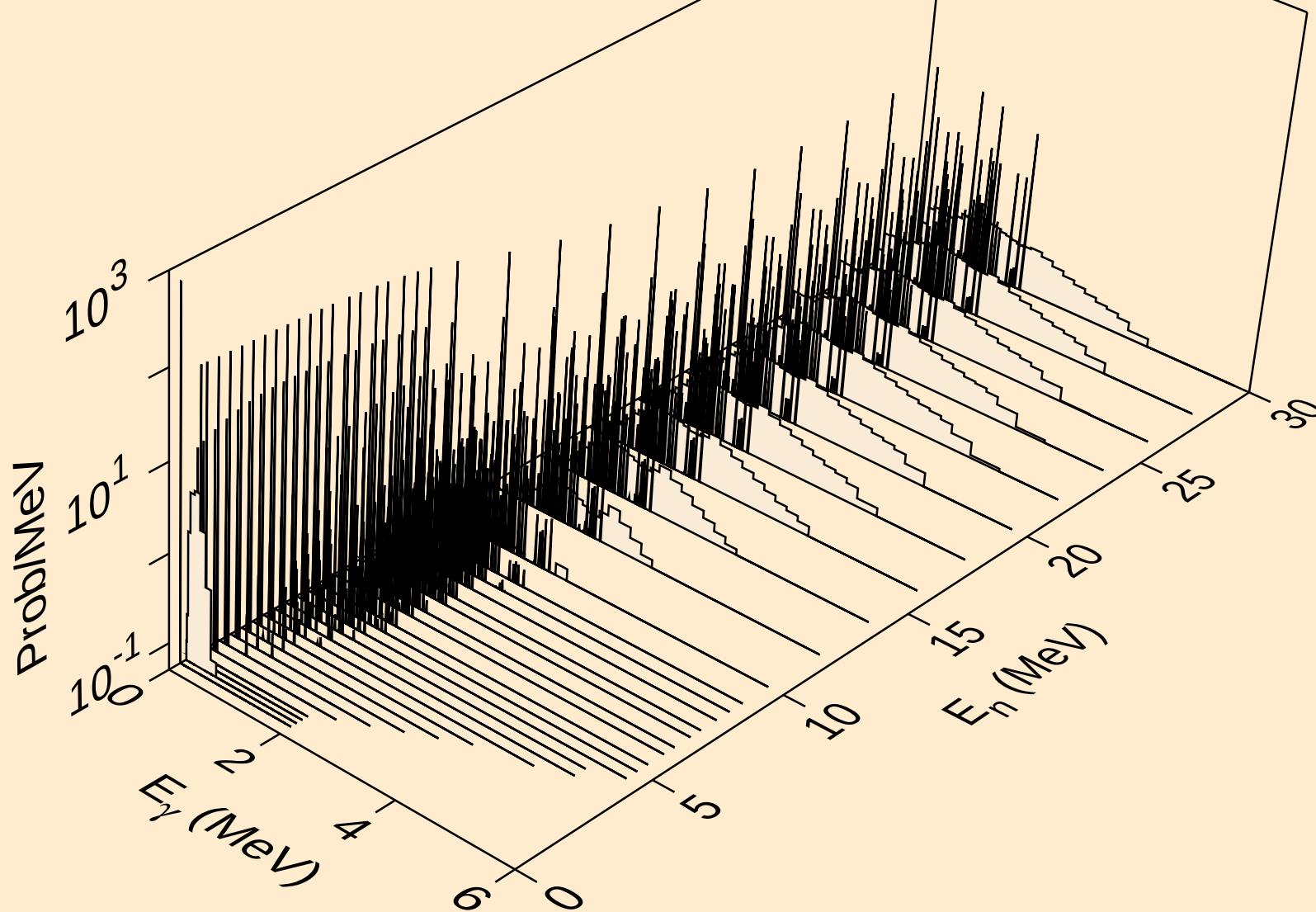
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



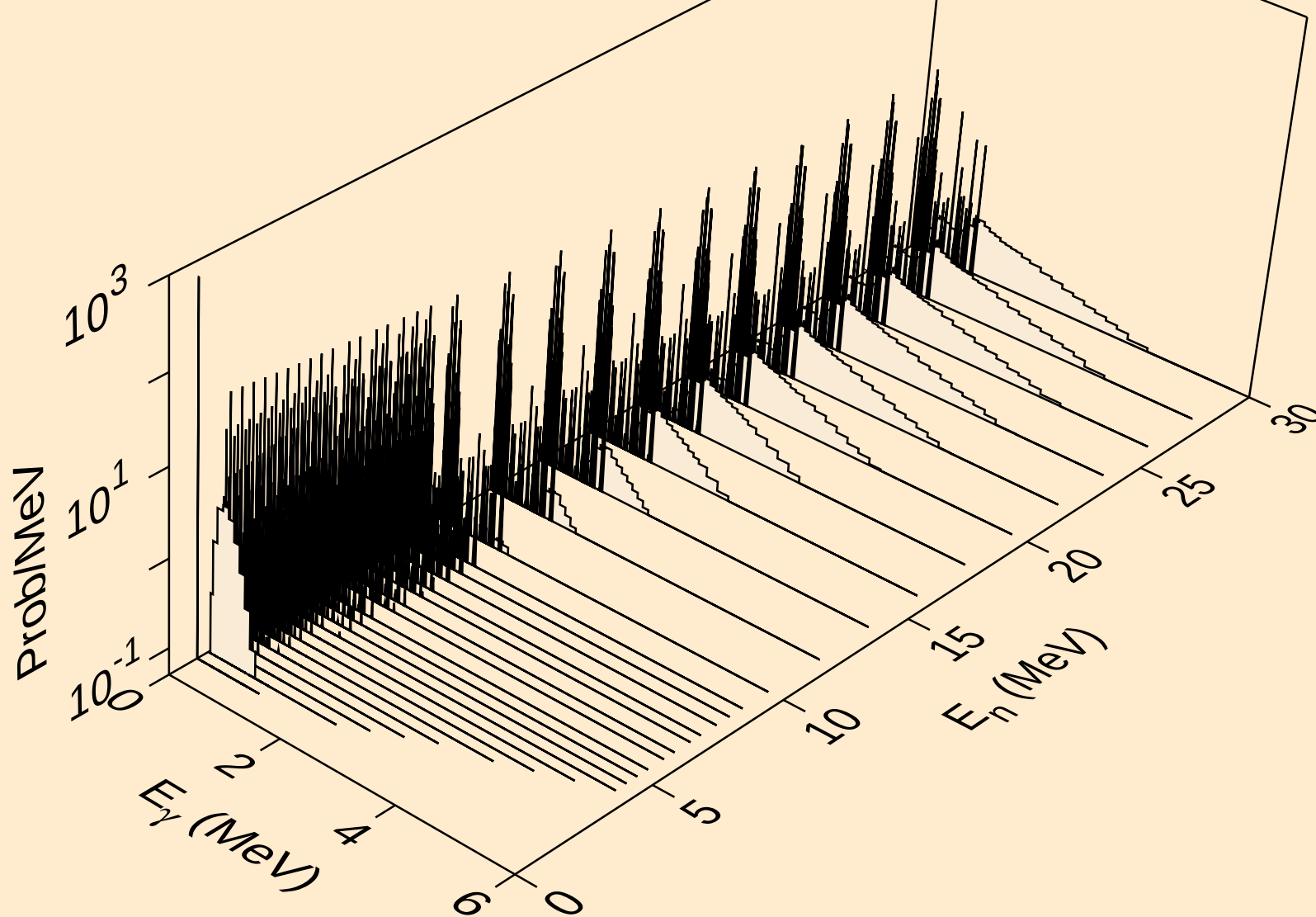
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)

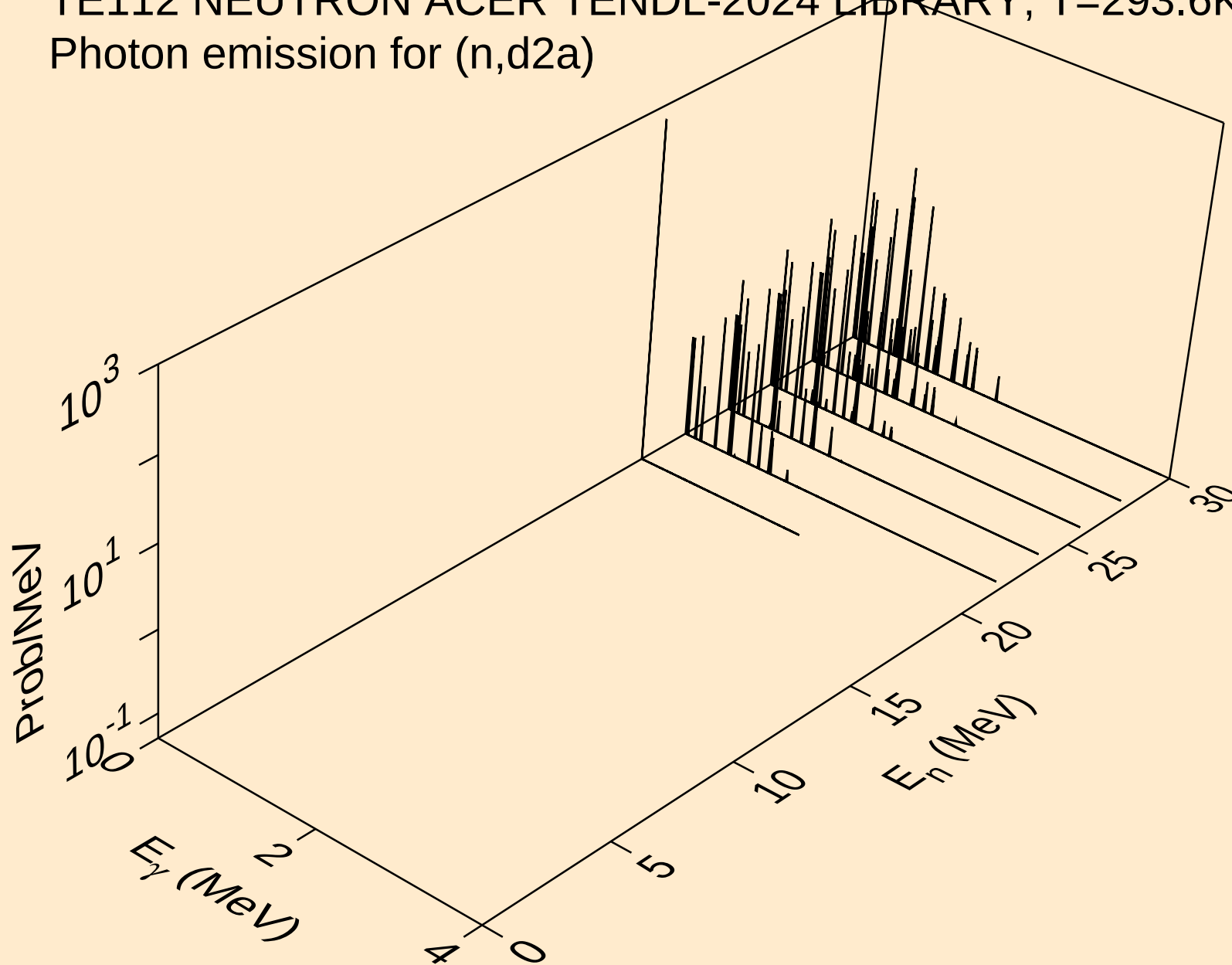


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

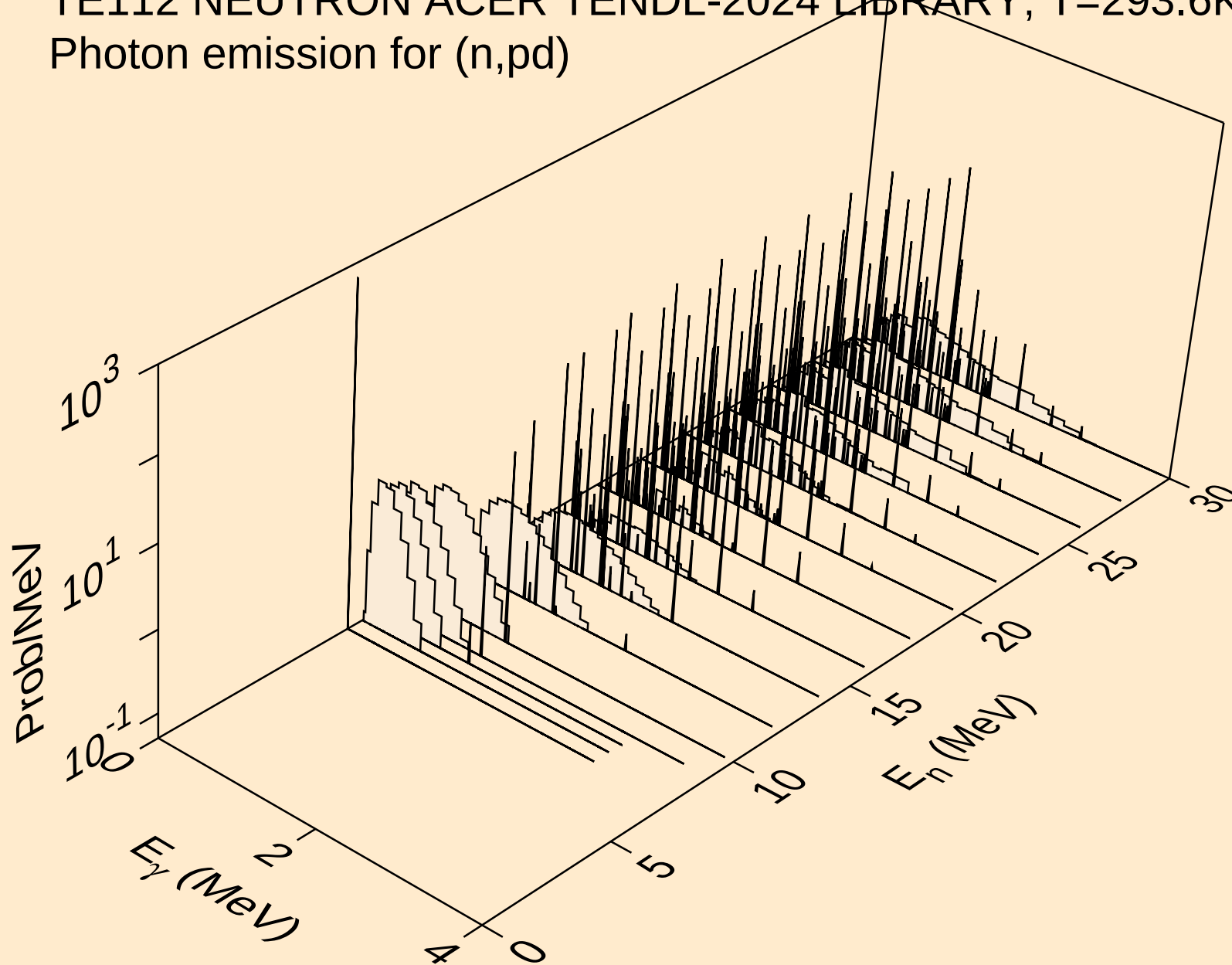




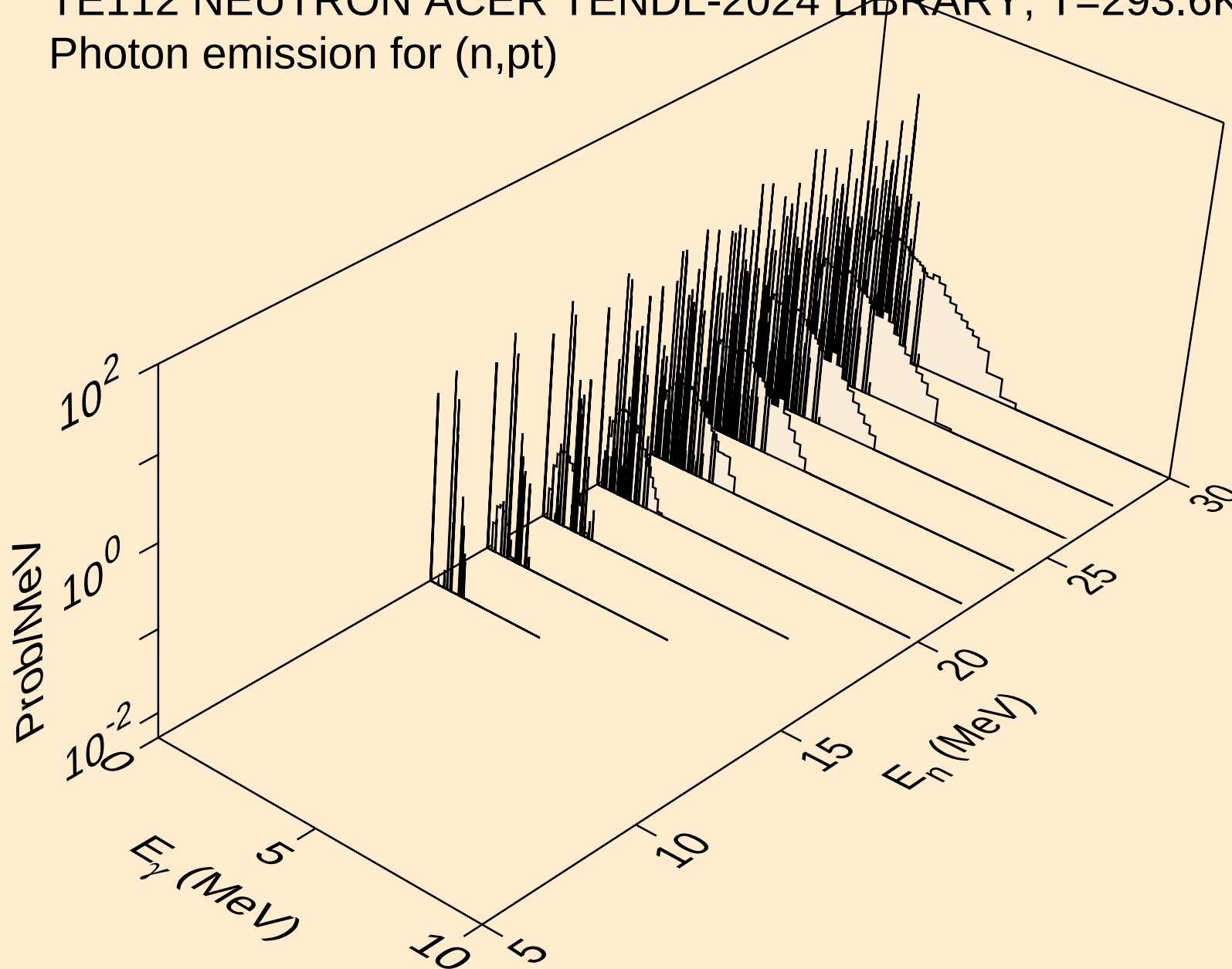
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



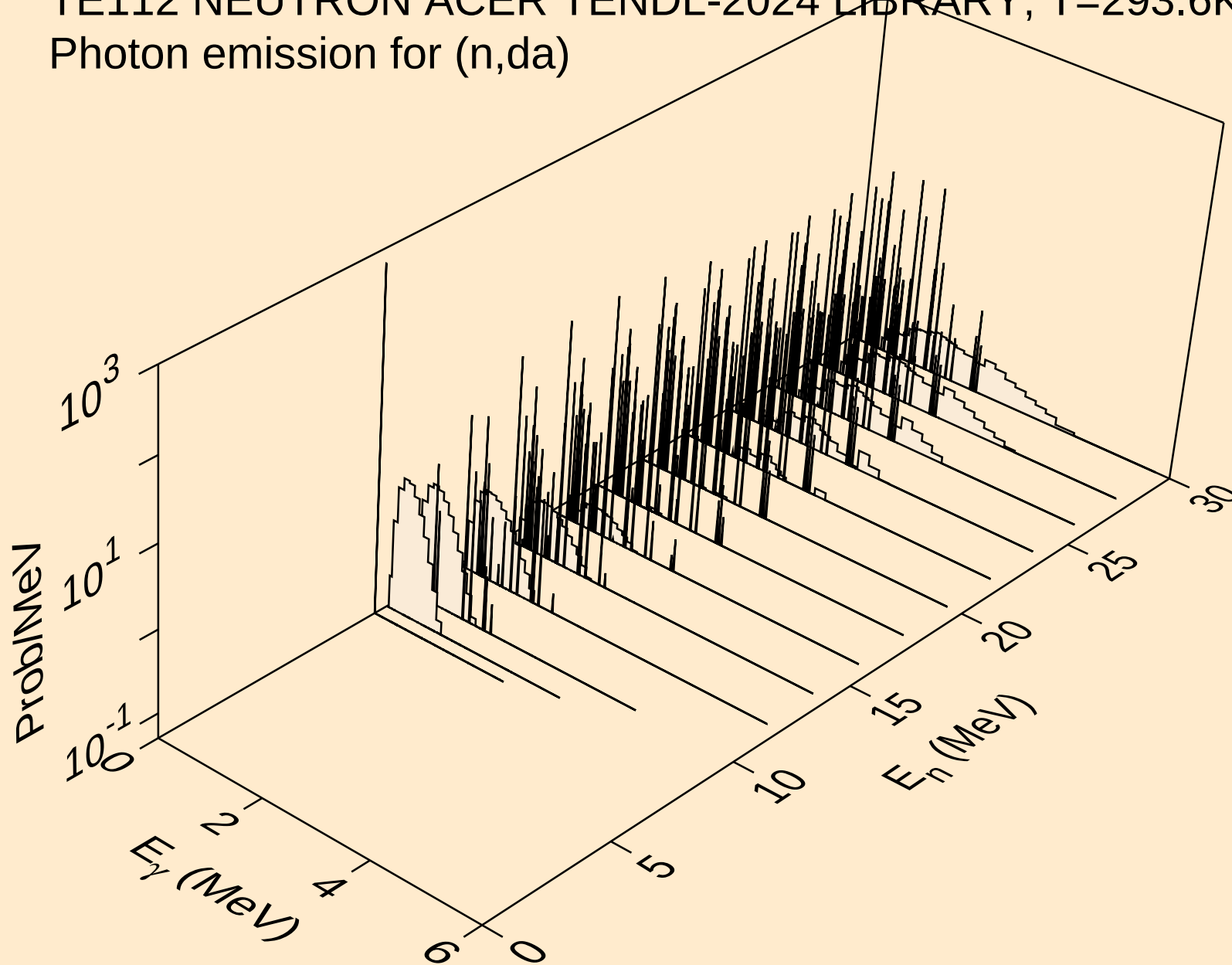
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



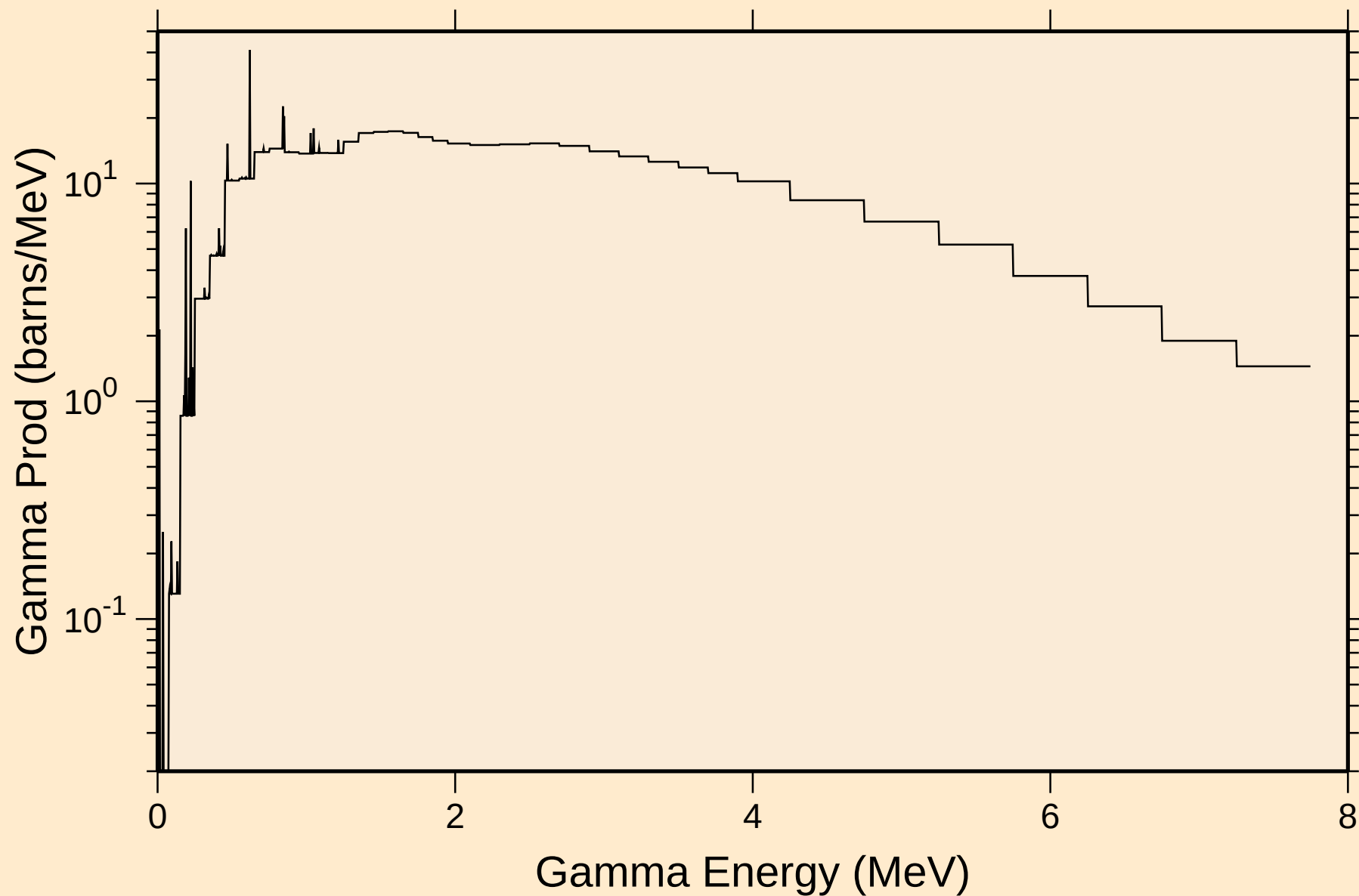
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



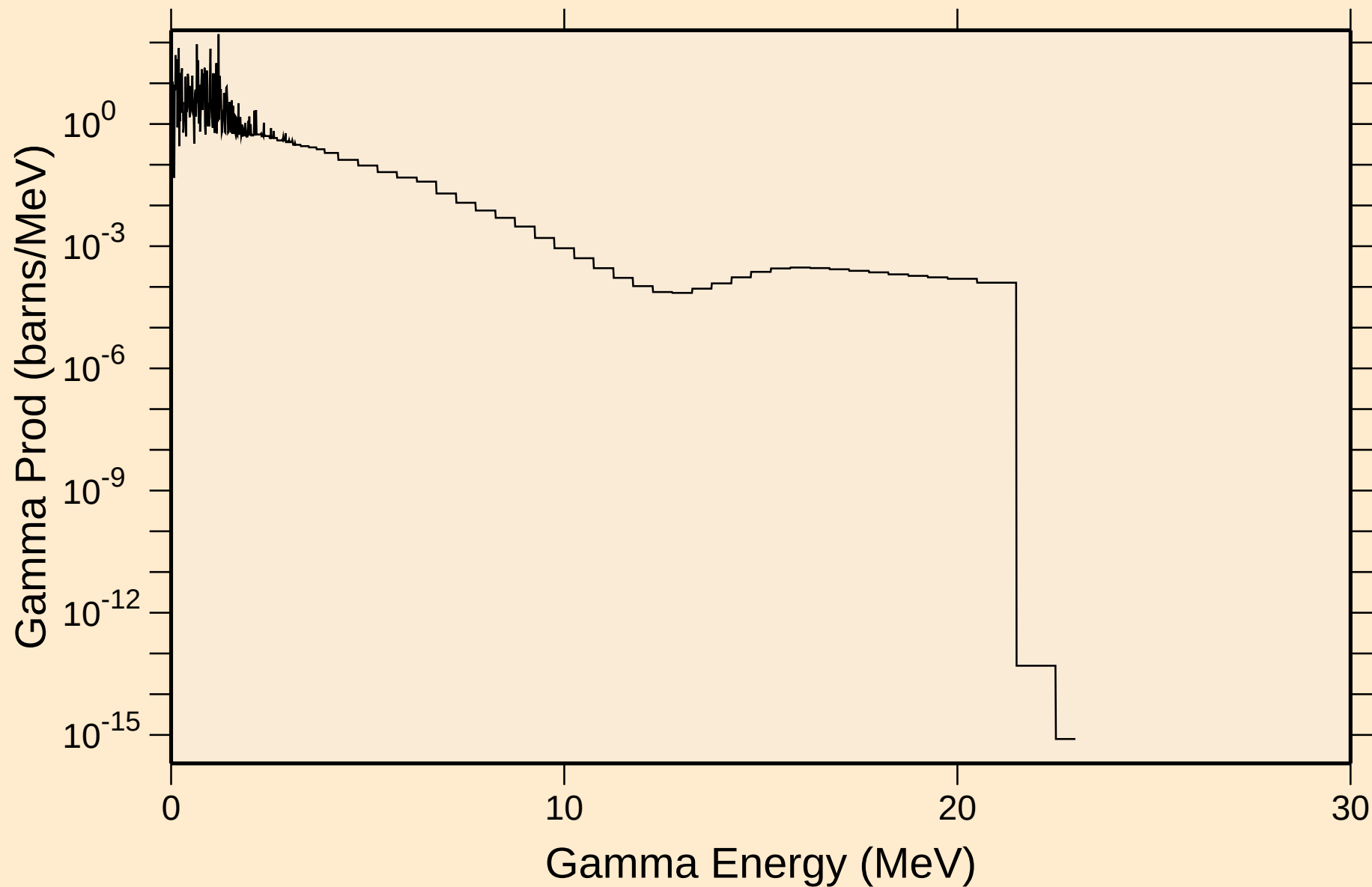
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



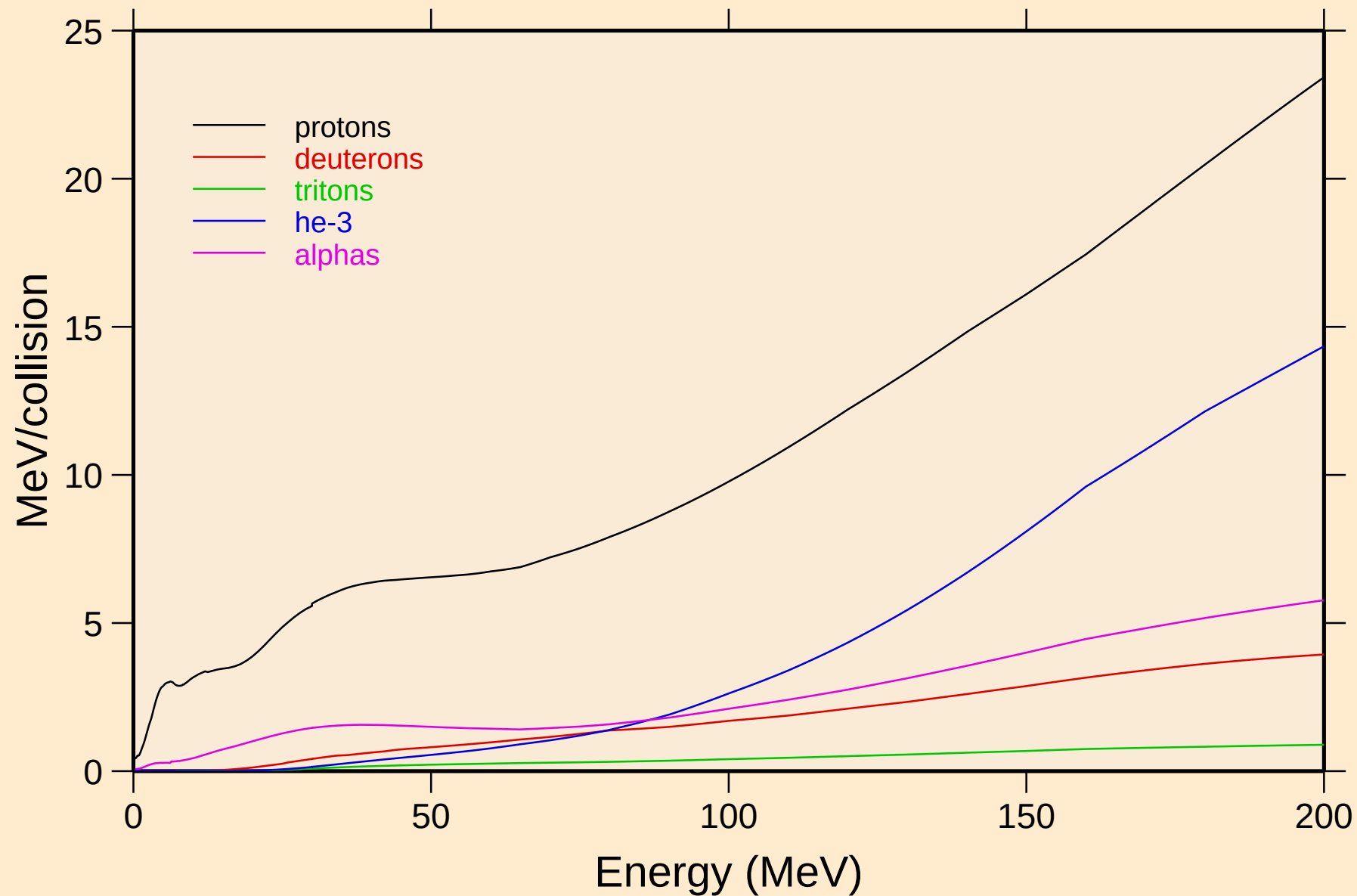
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



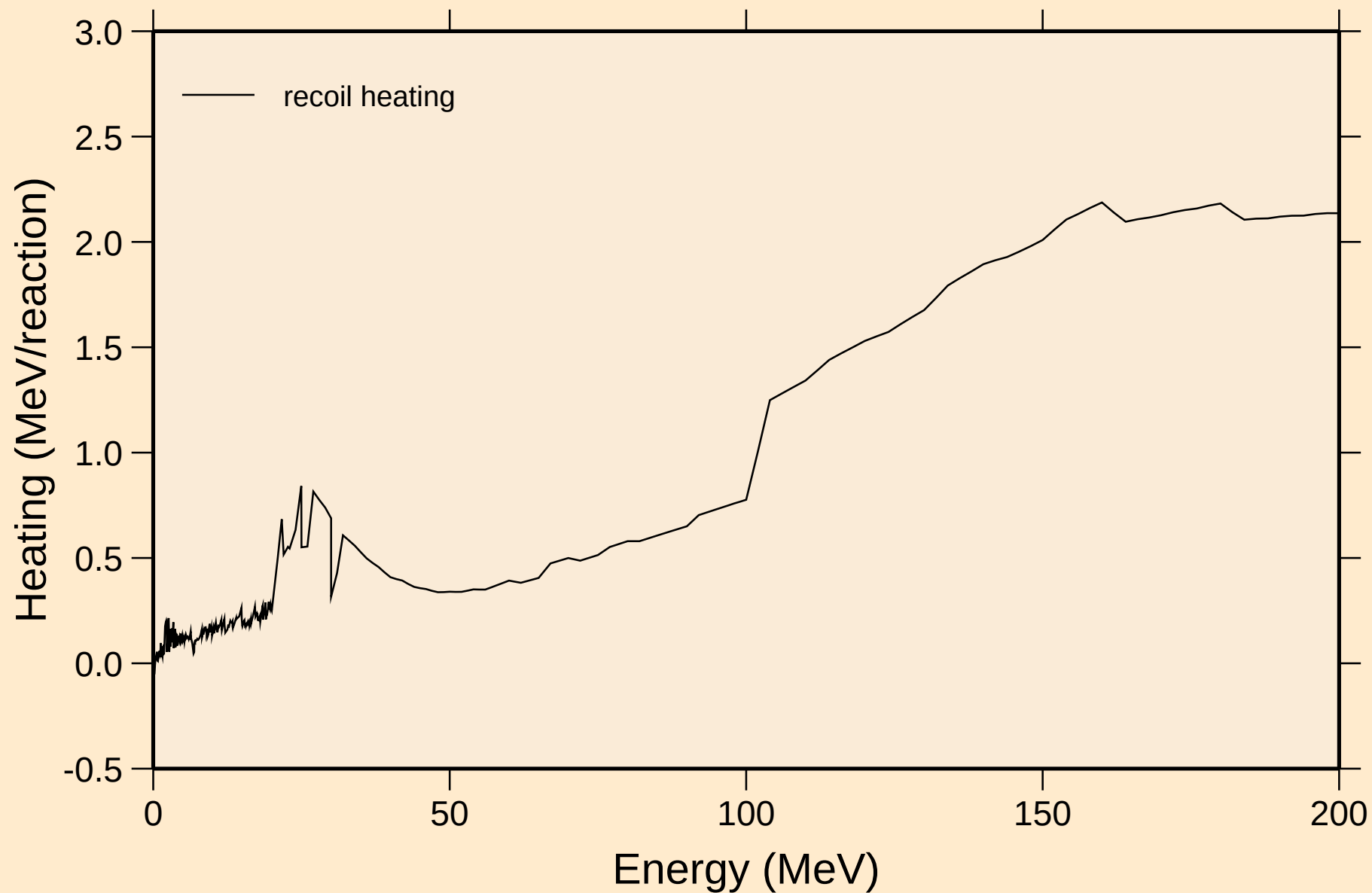
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions

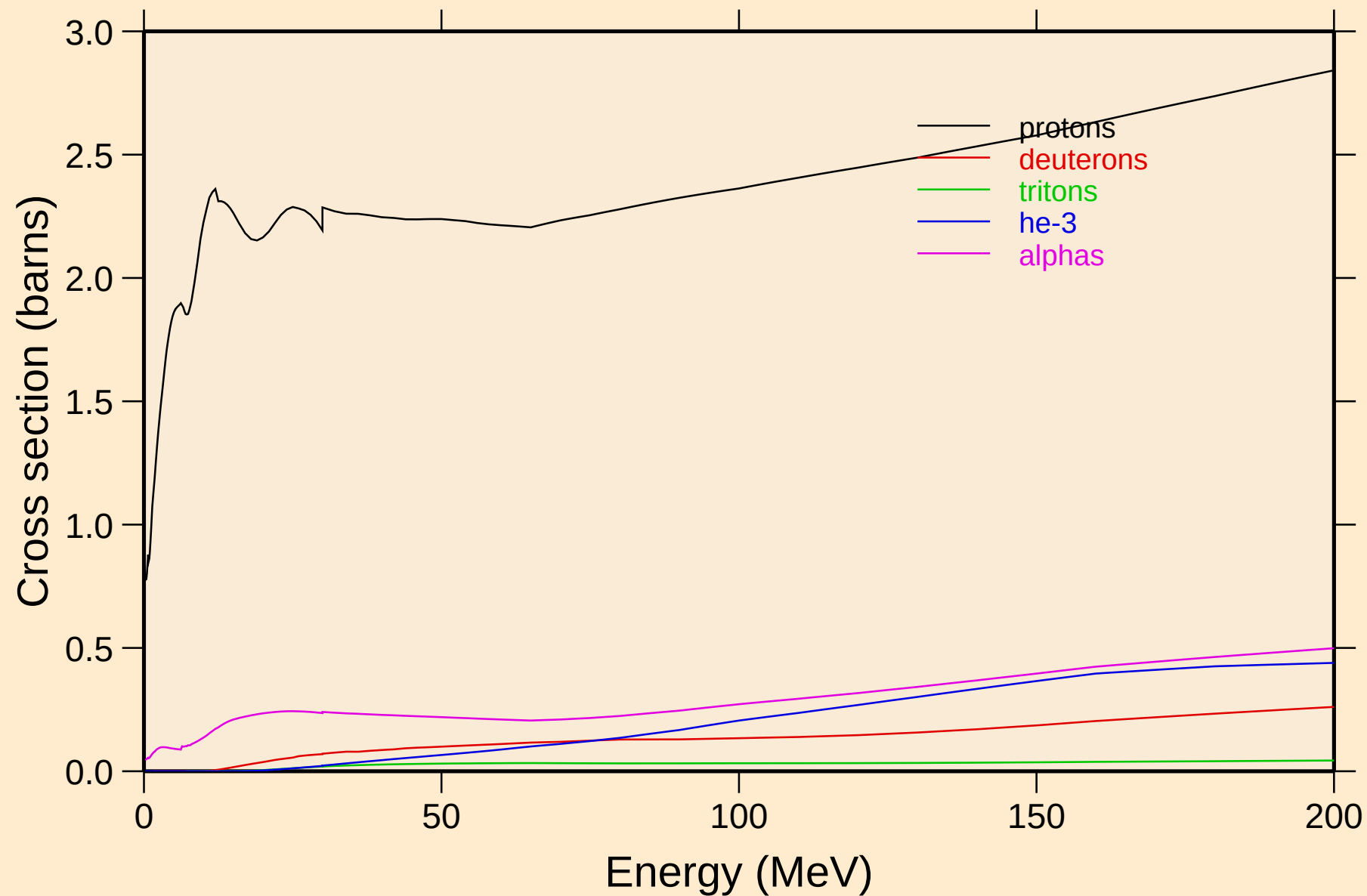


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

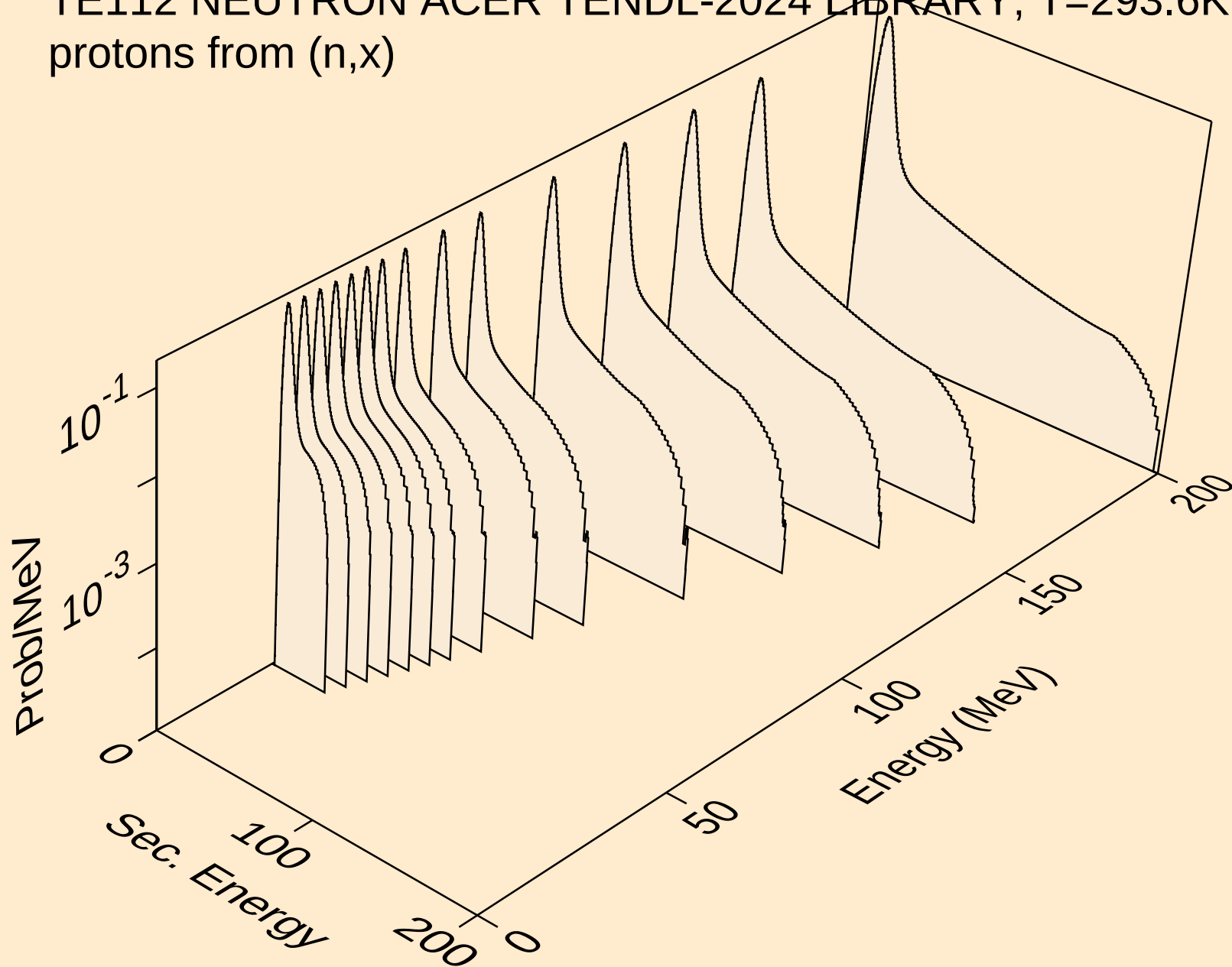




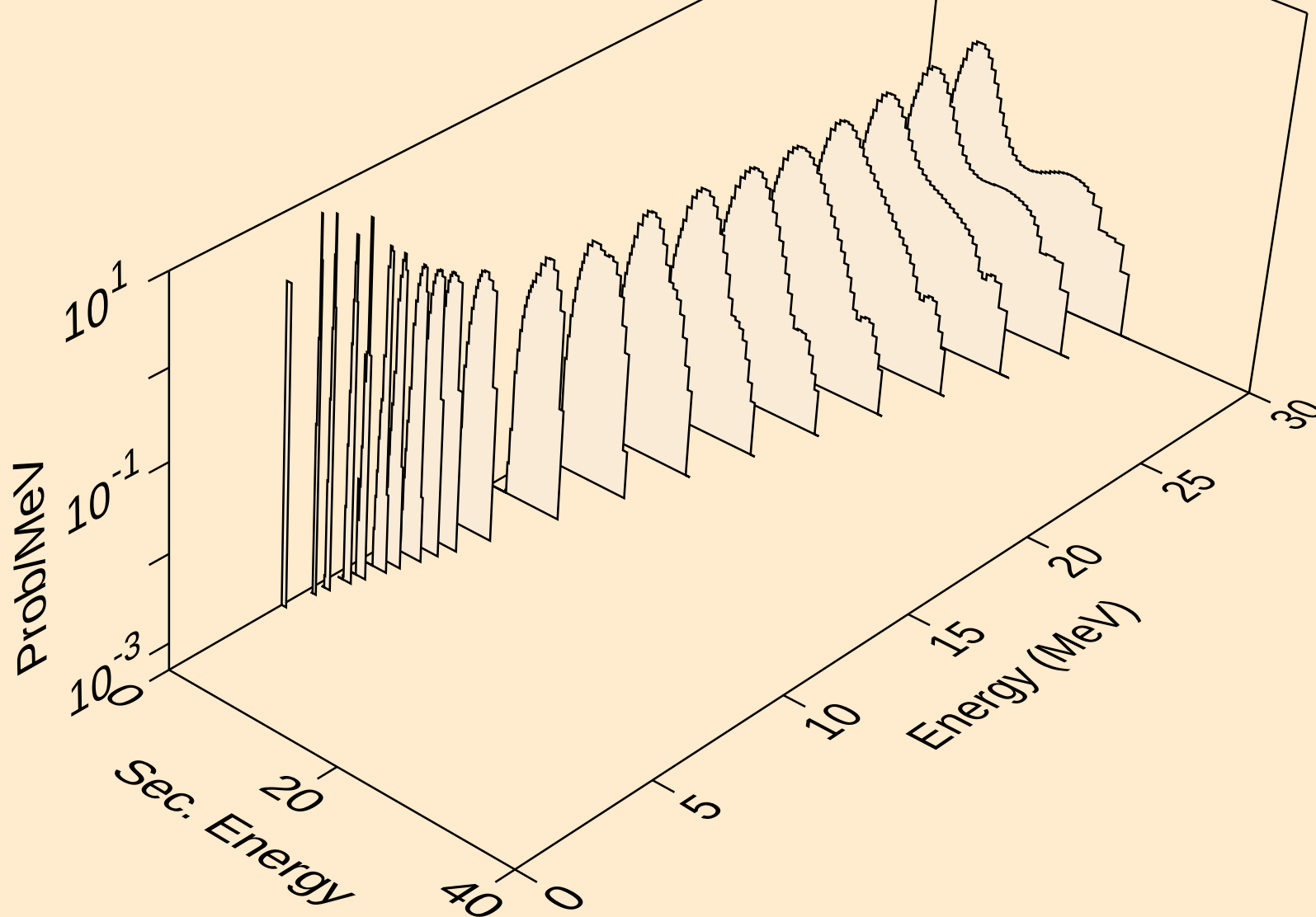
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



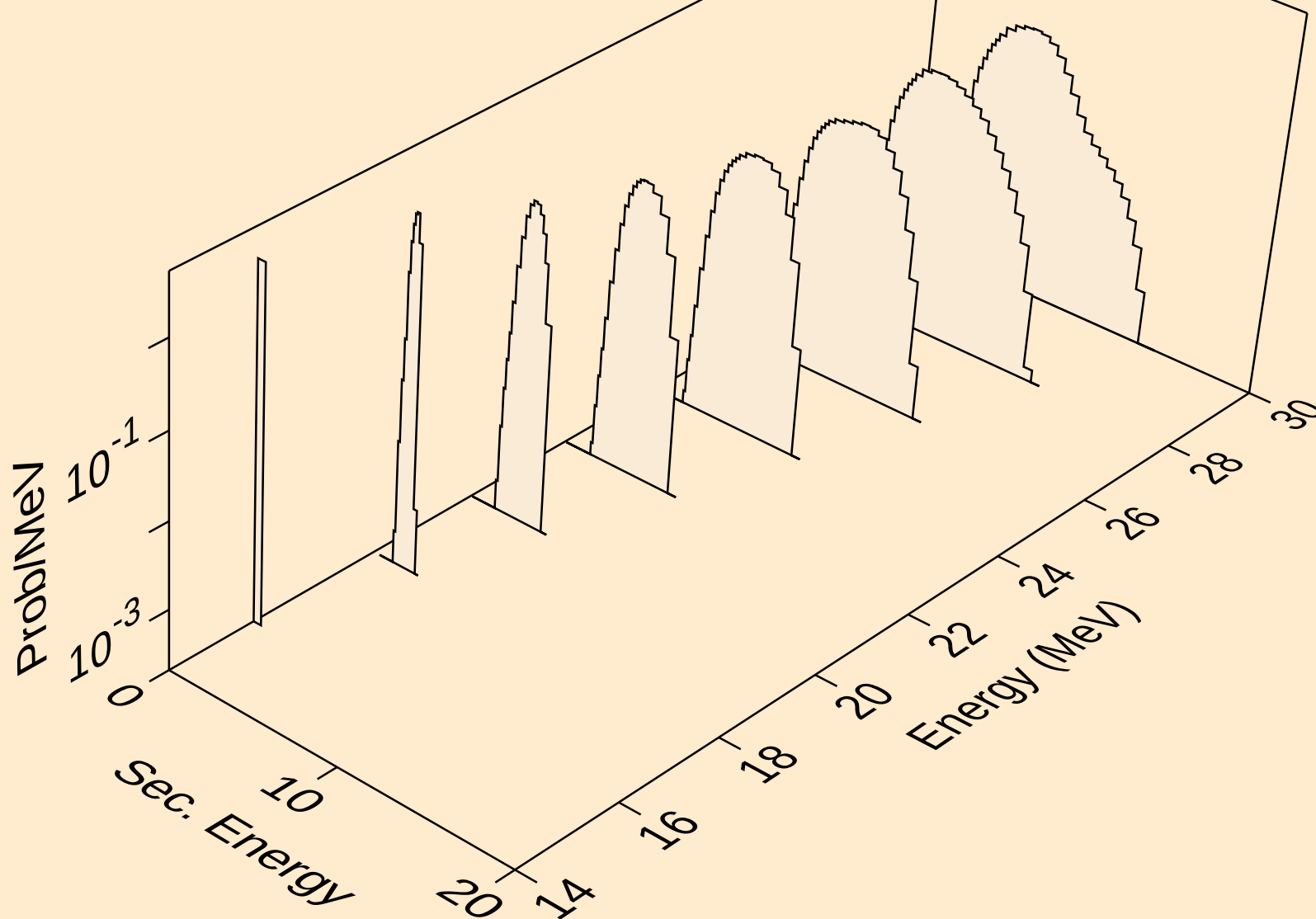
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



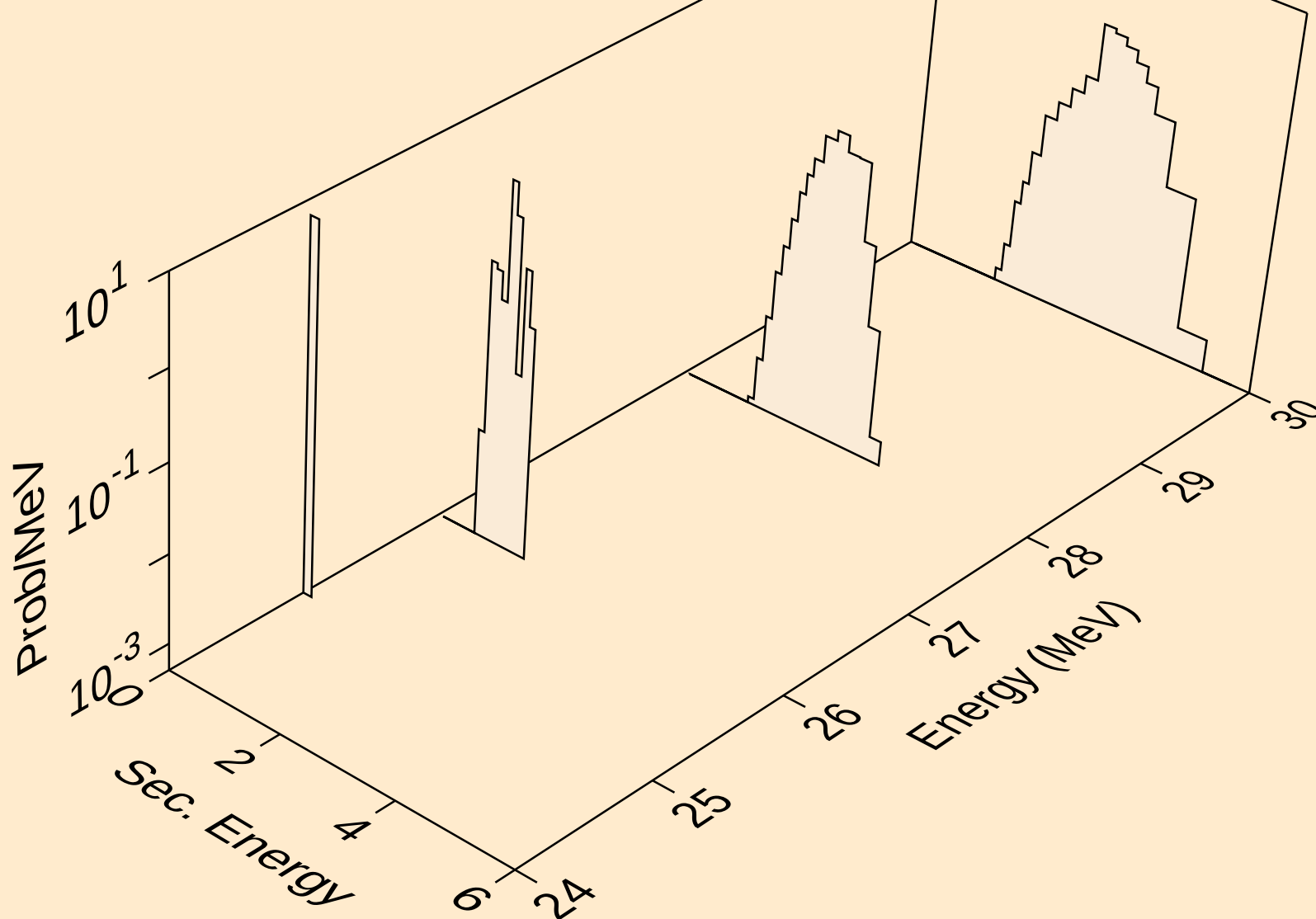
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



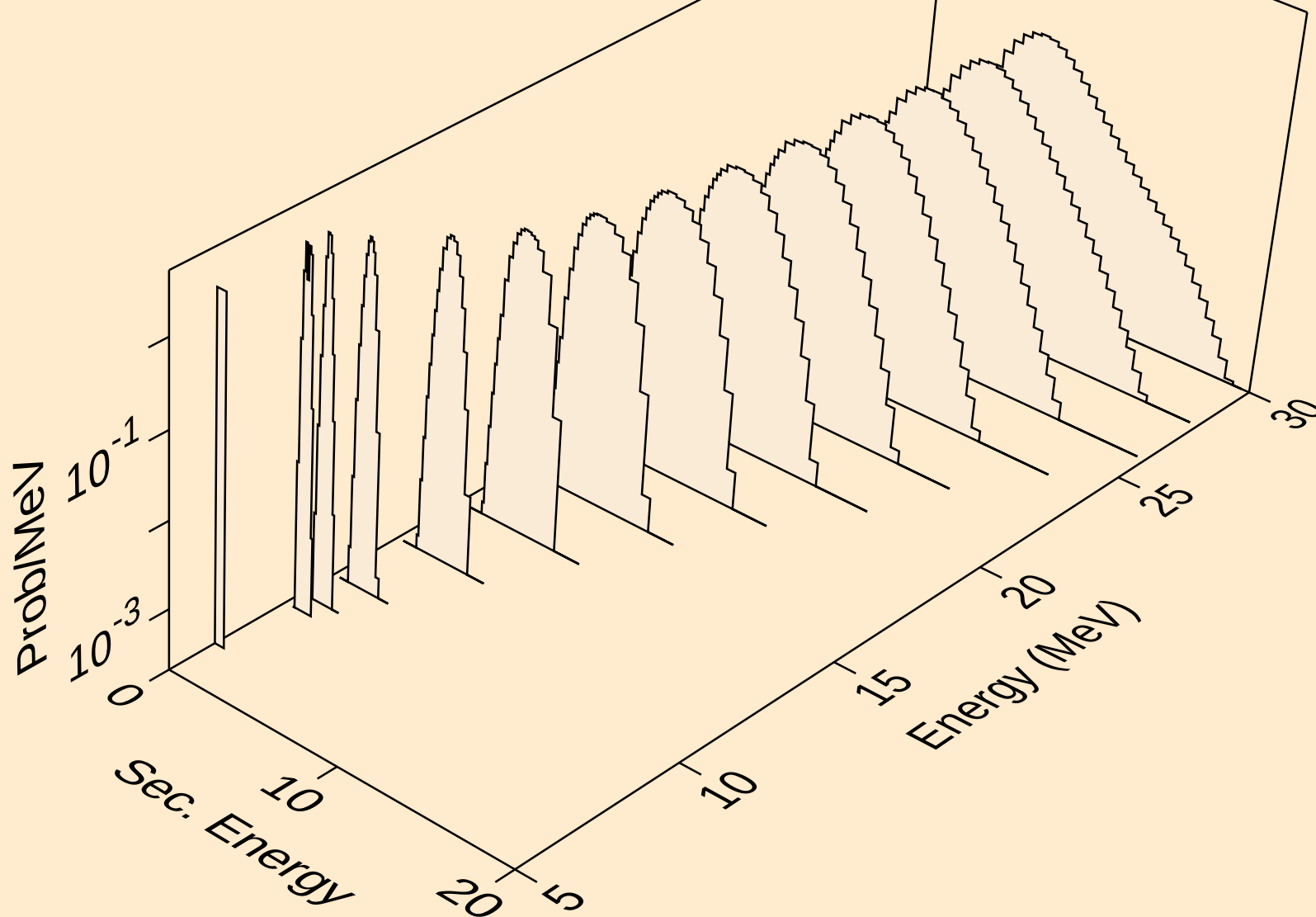
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



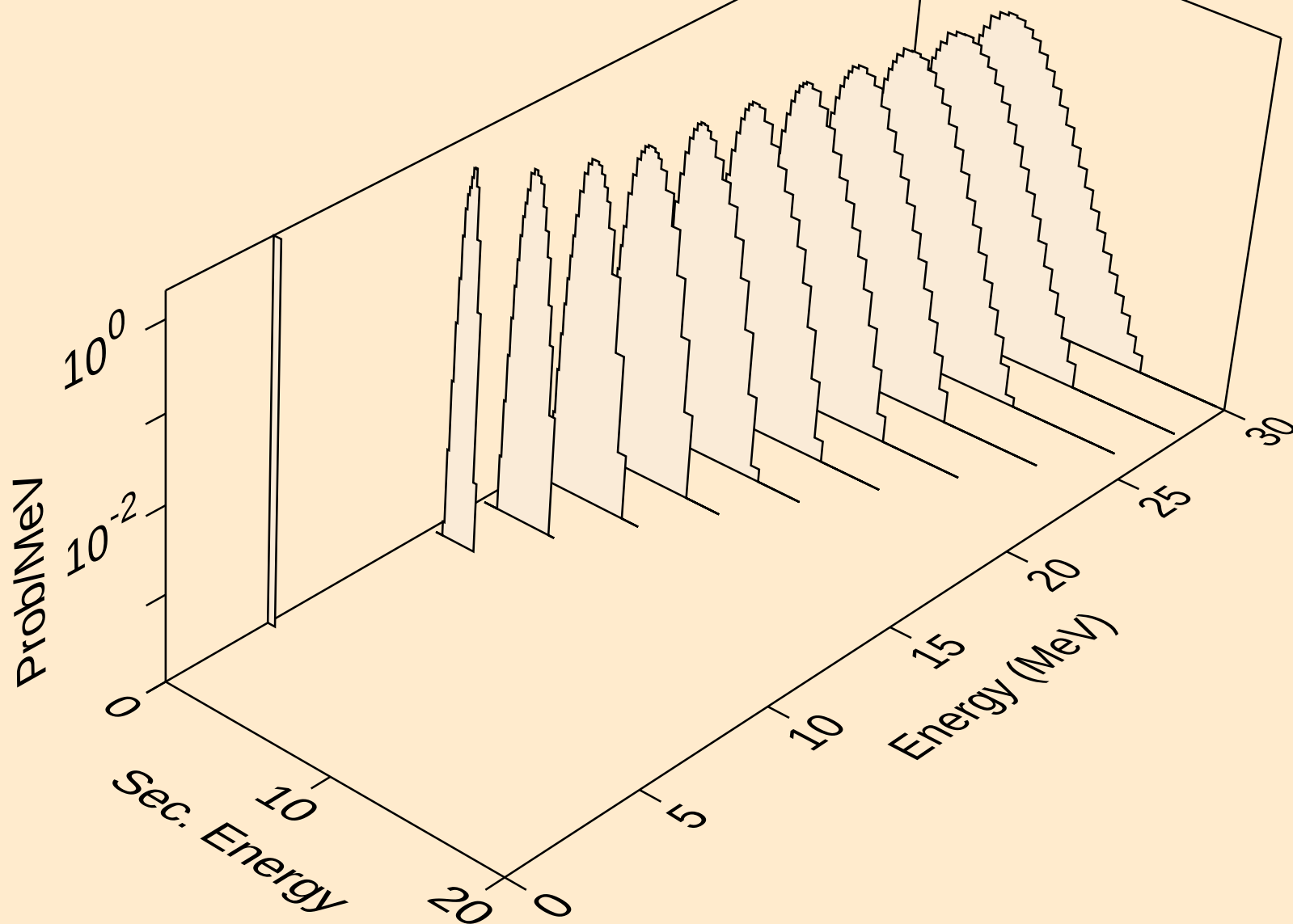
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



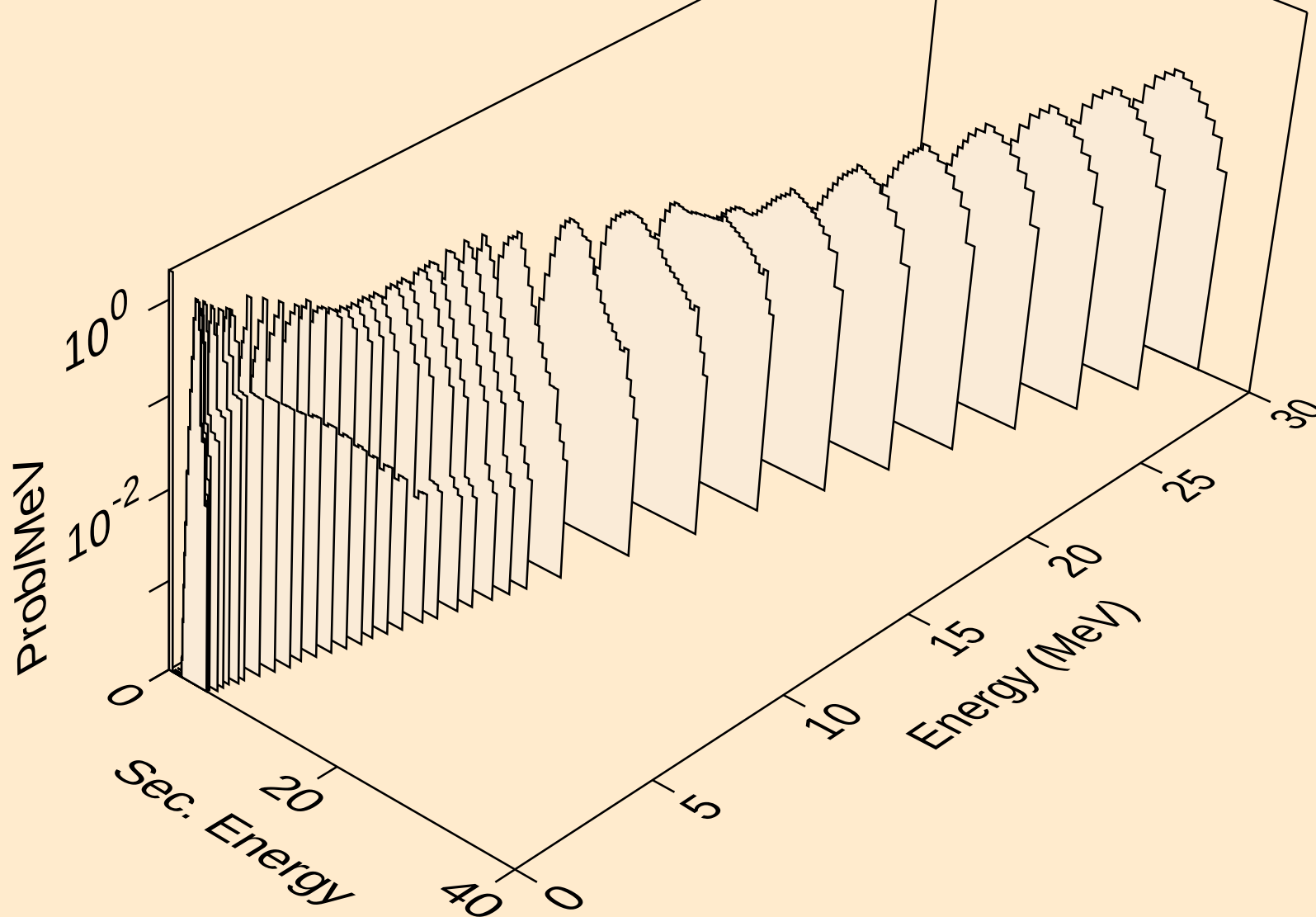
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)

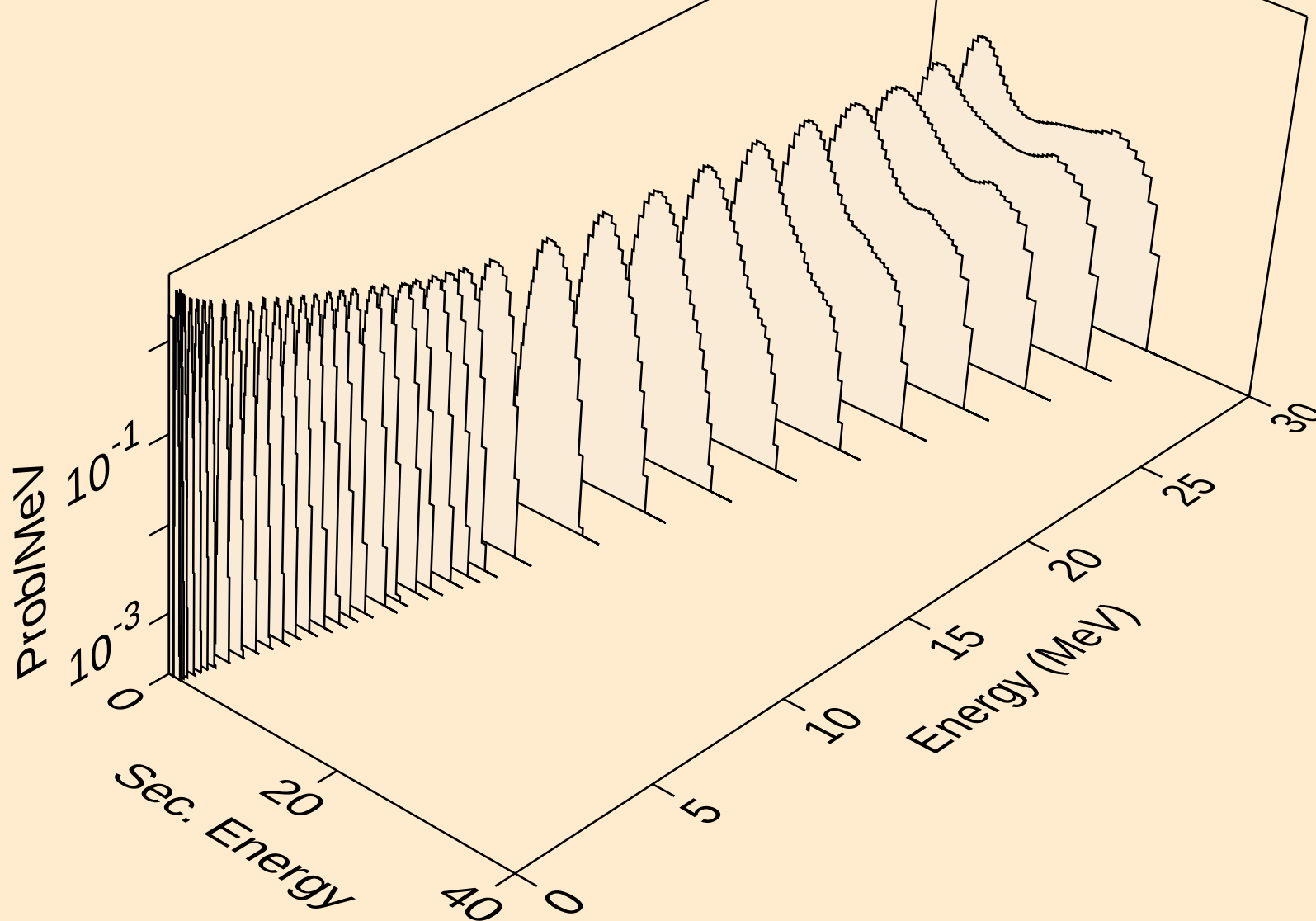


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)

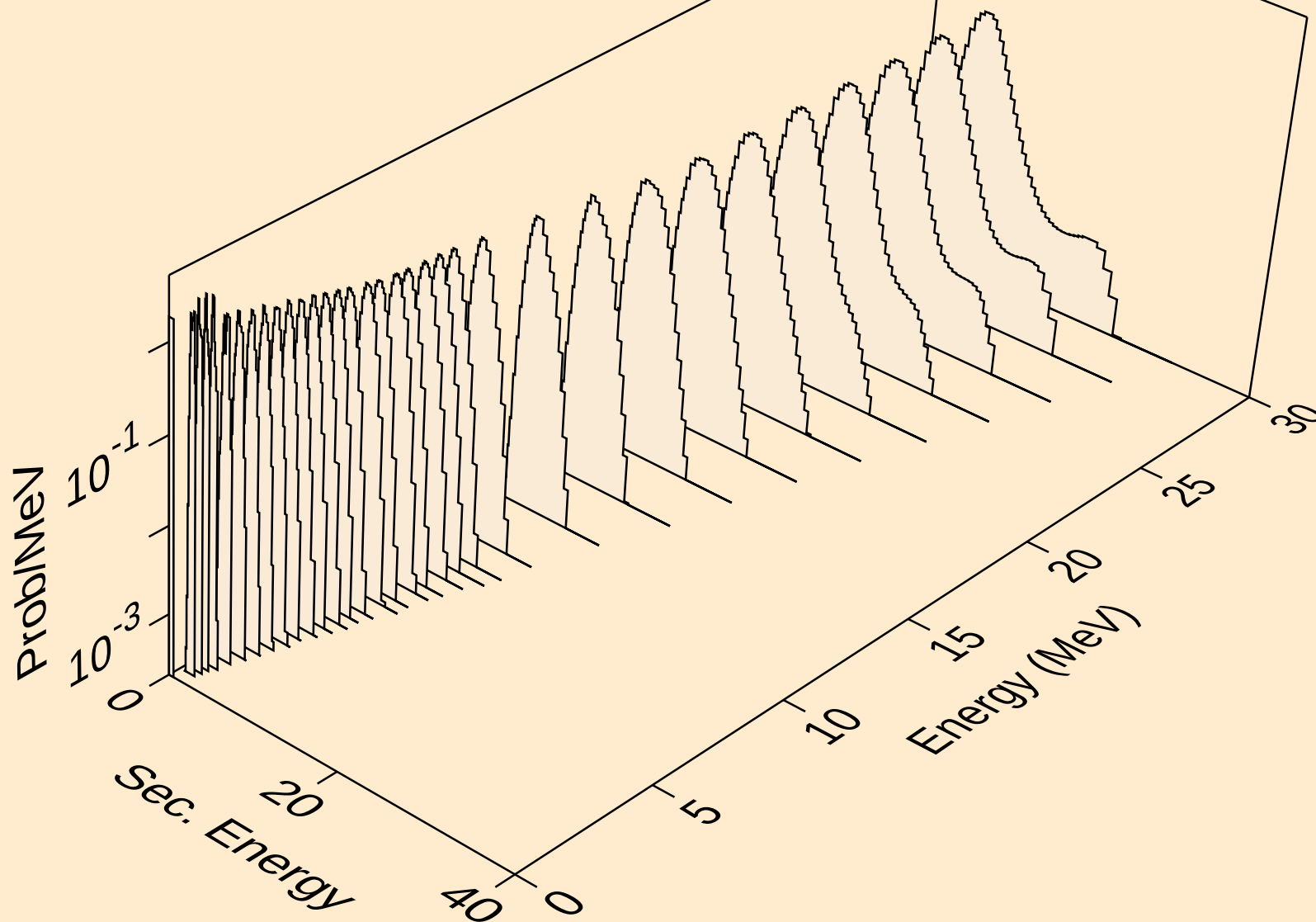




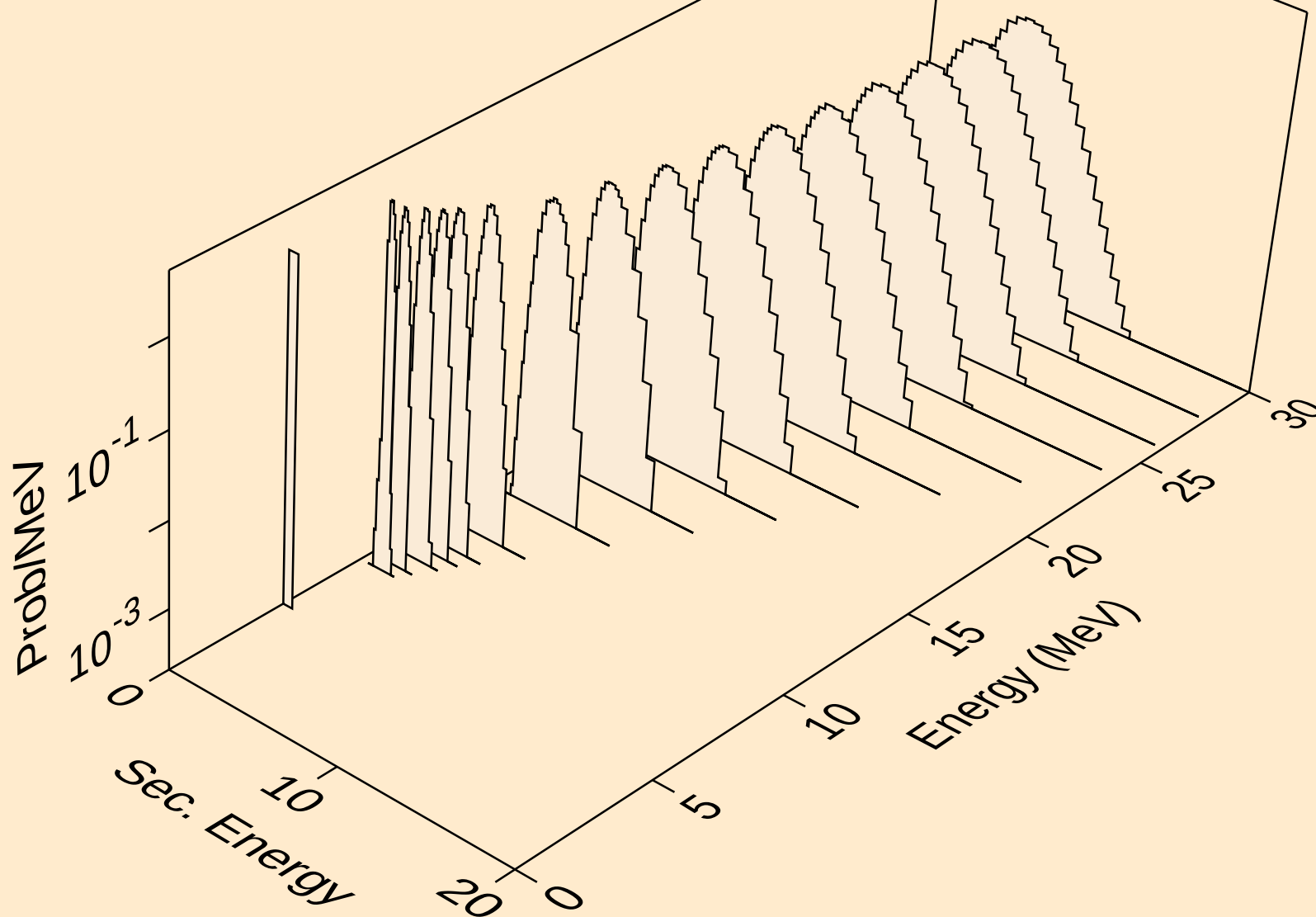
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protons from (n,2p)



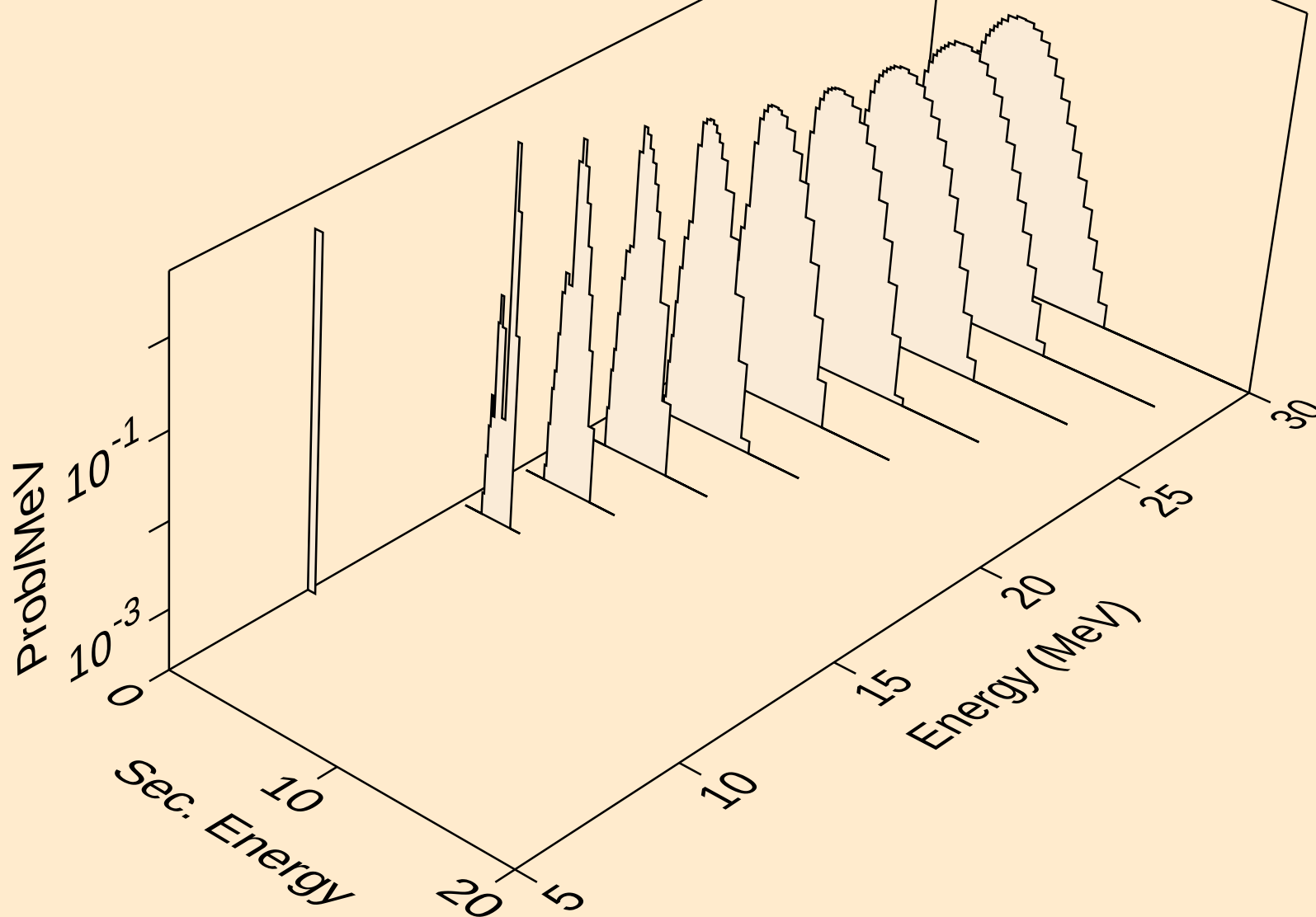
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protons from (n,p)



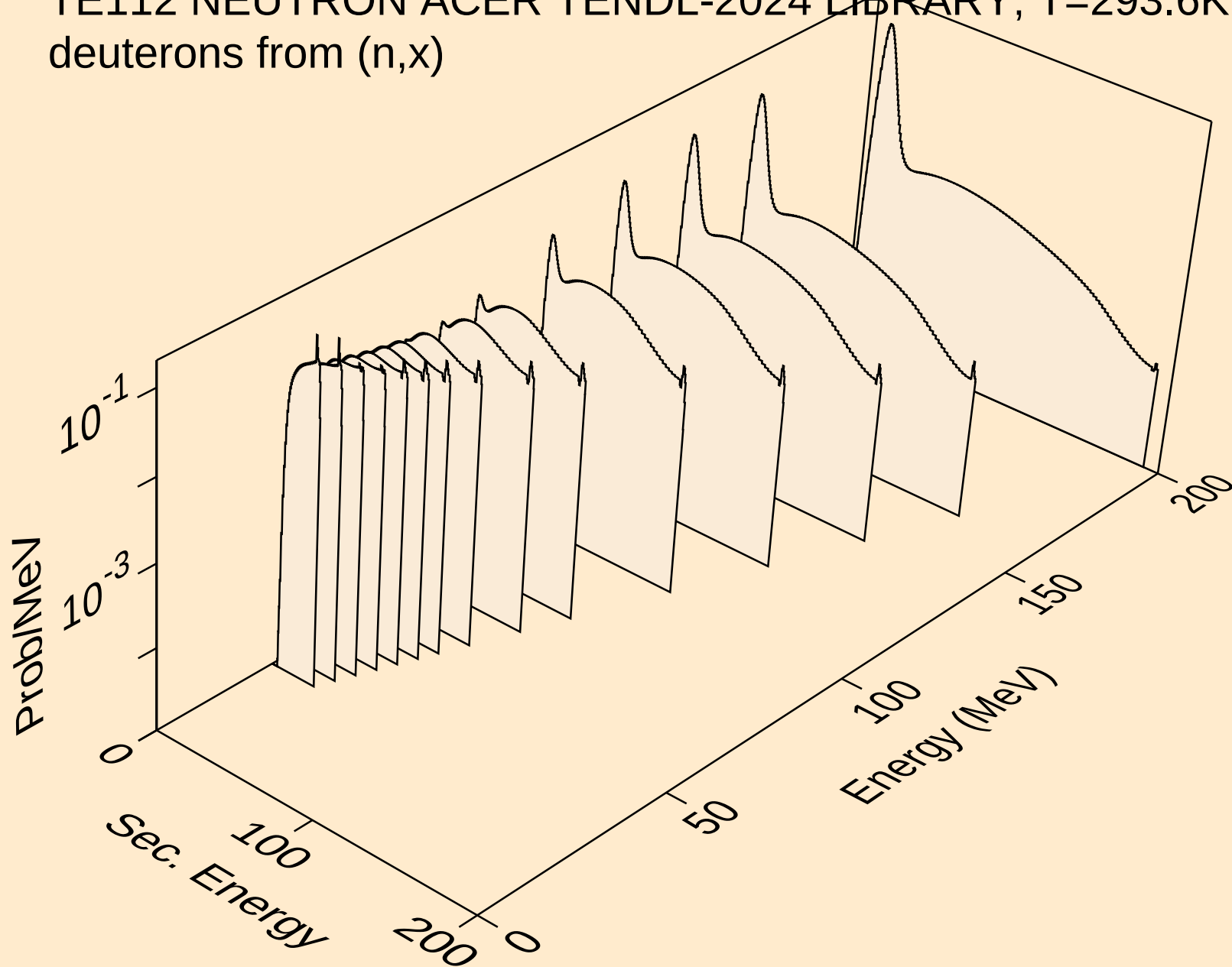
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



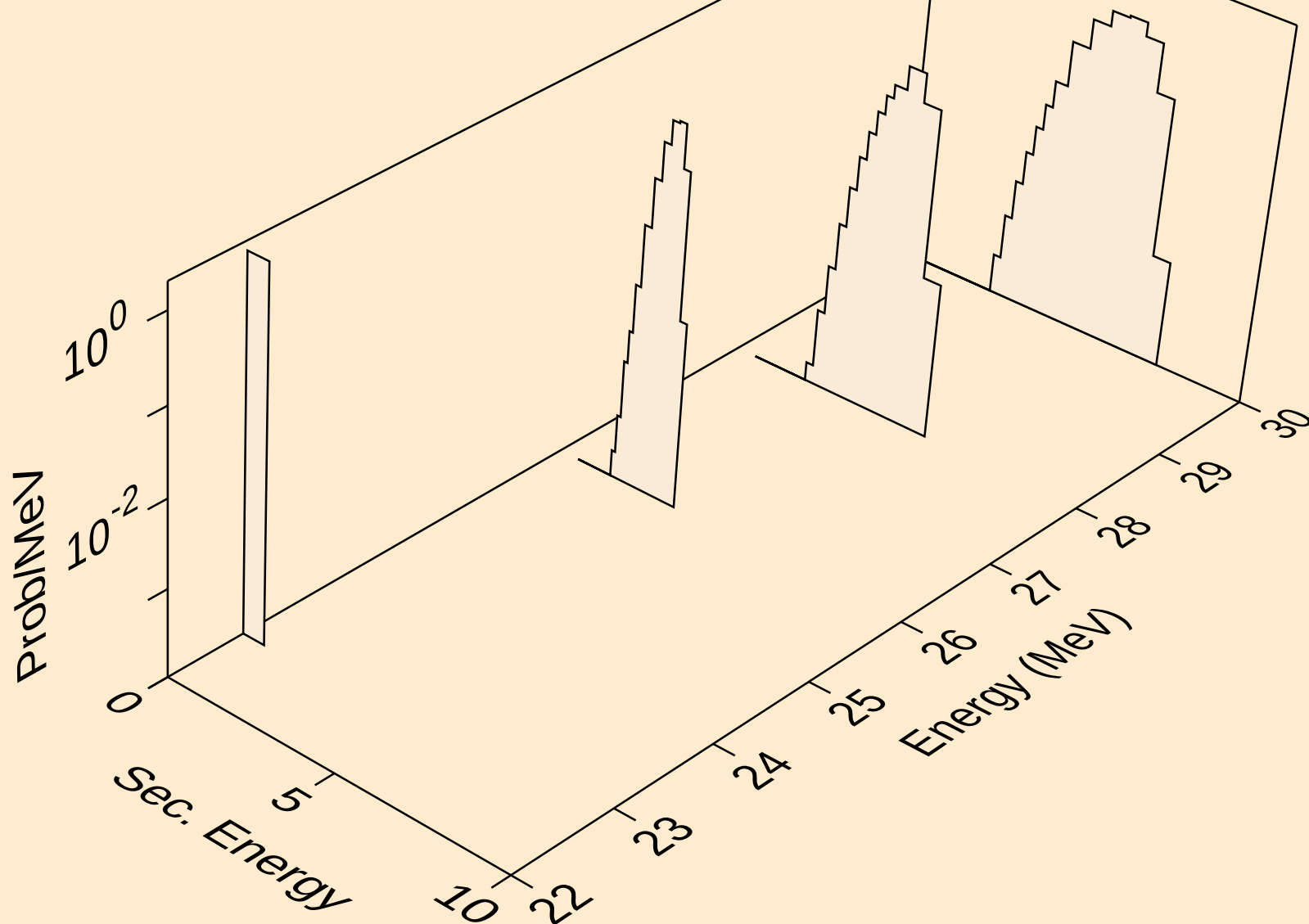
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protons from (n,pt)



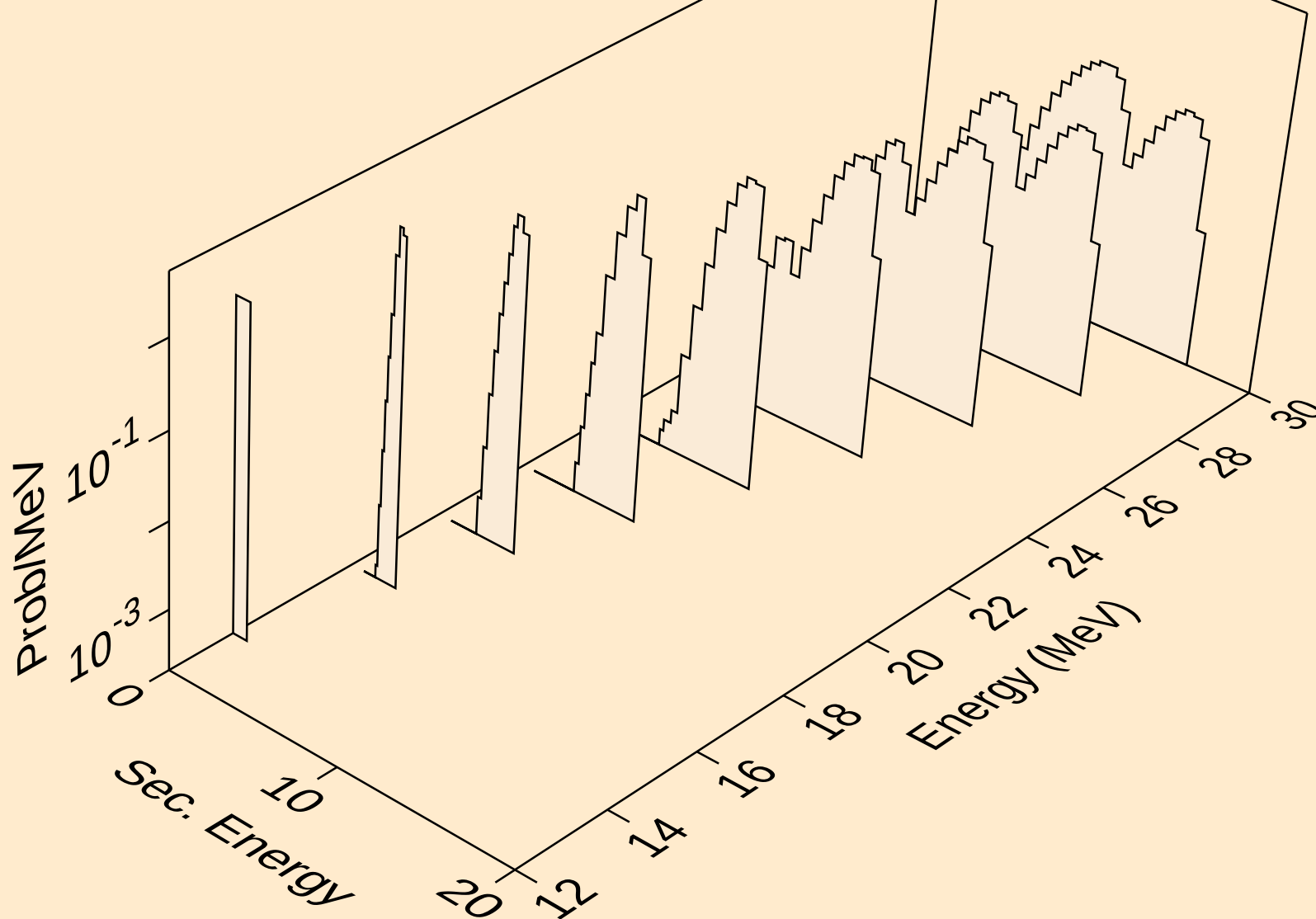
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



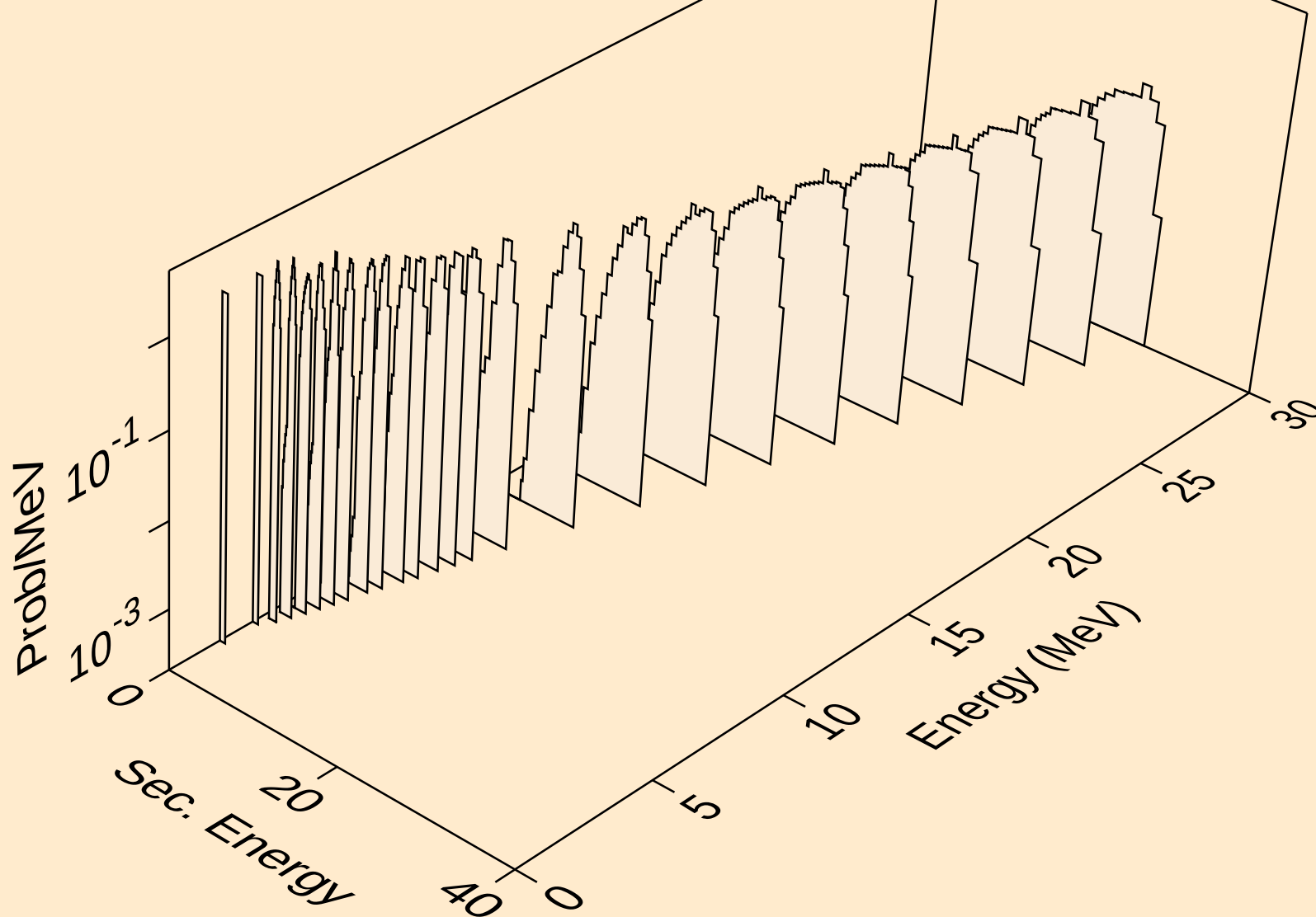
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

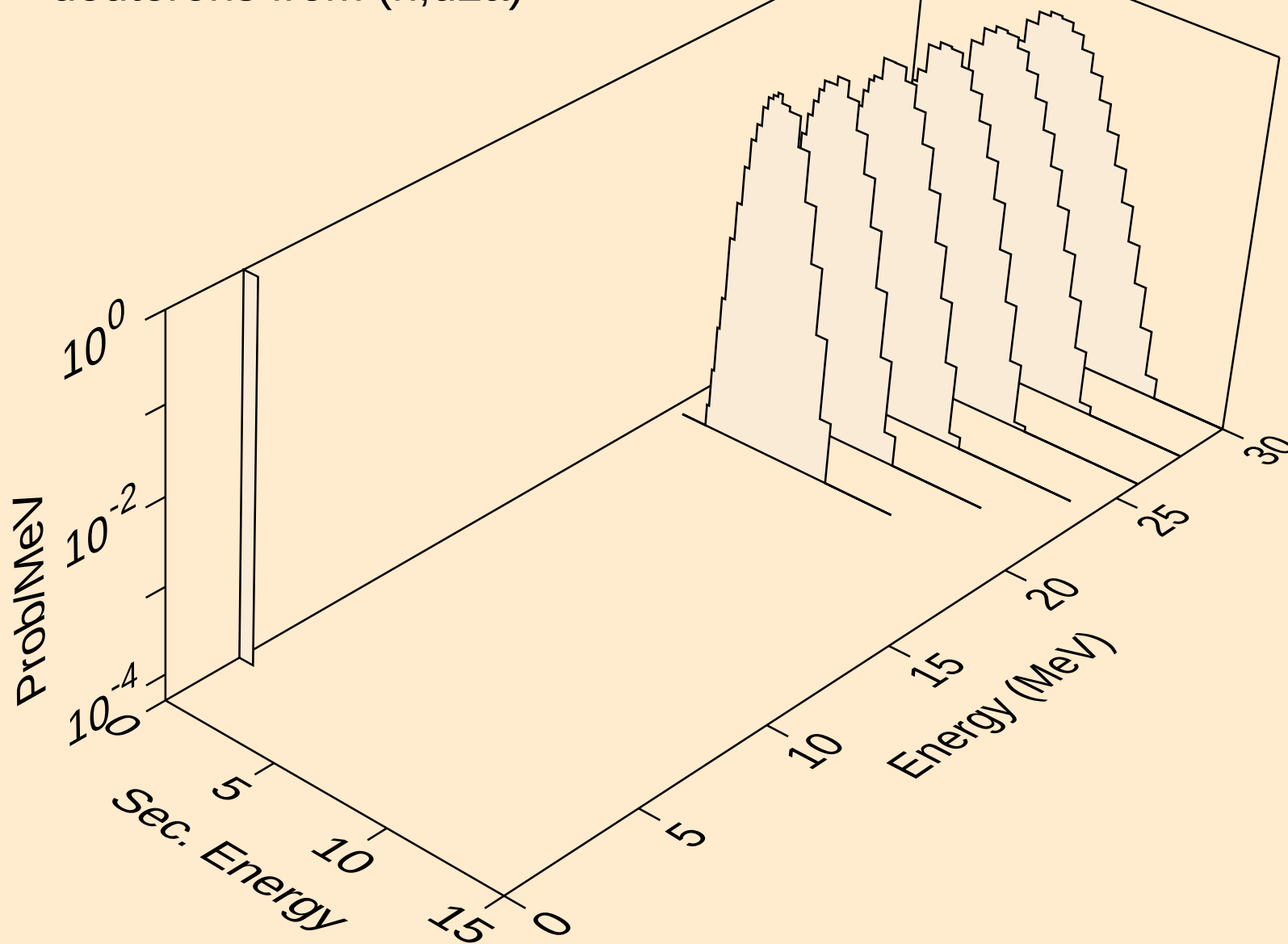


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)

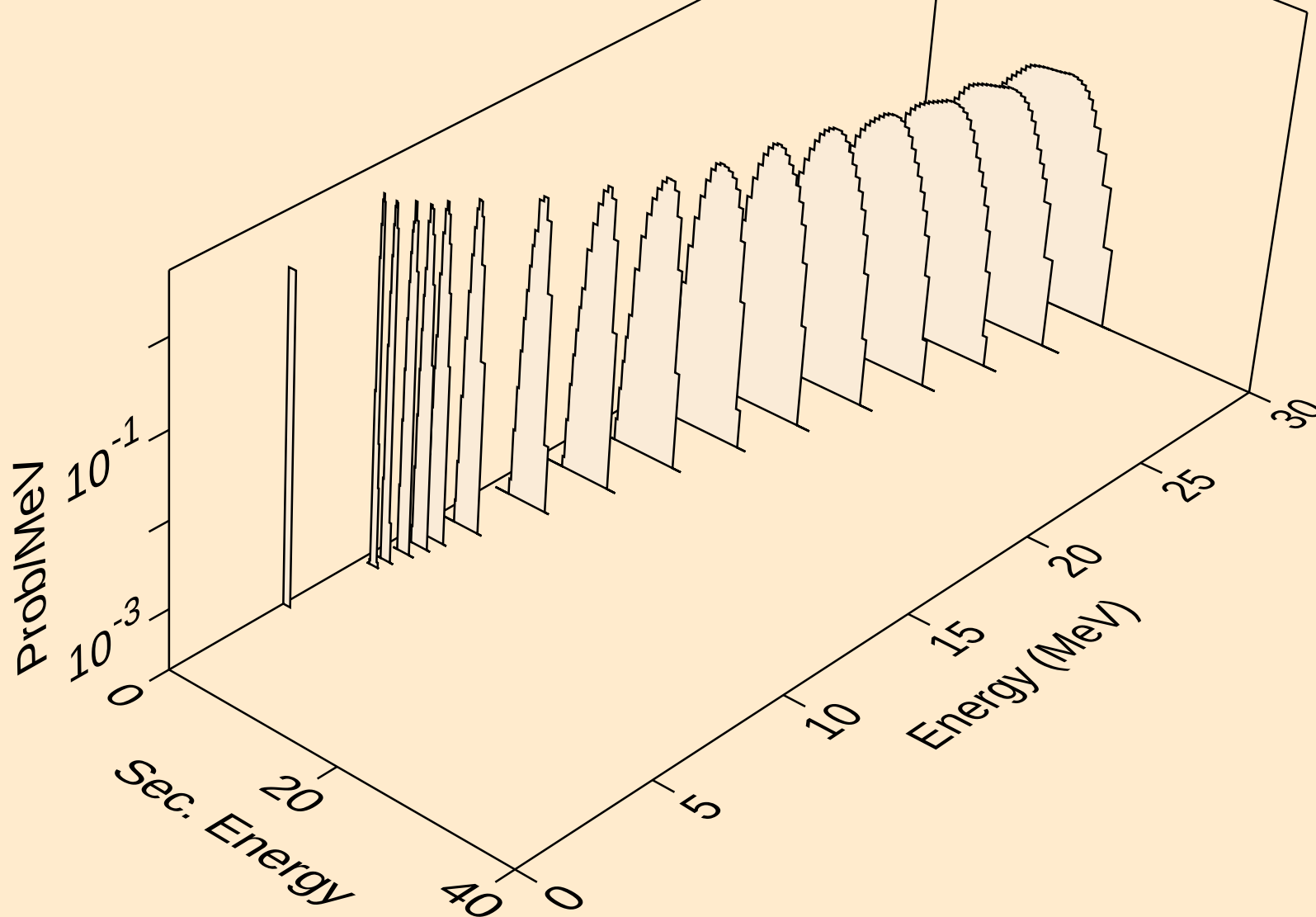




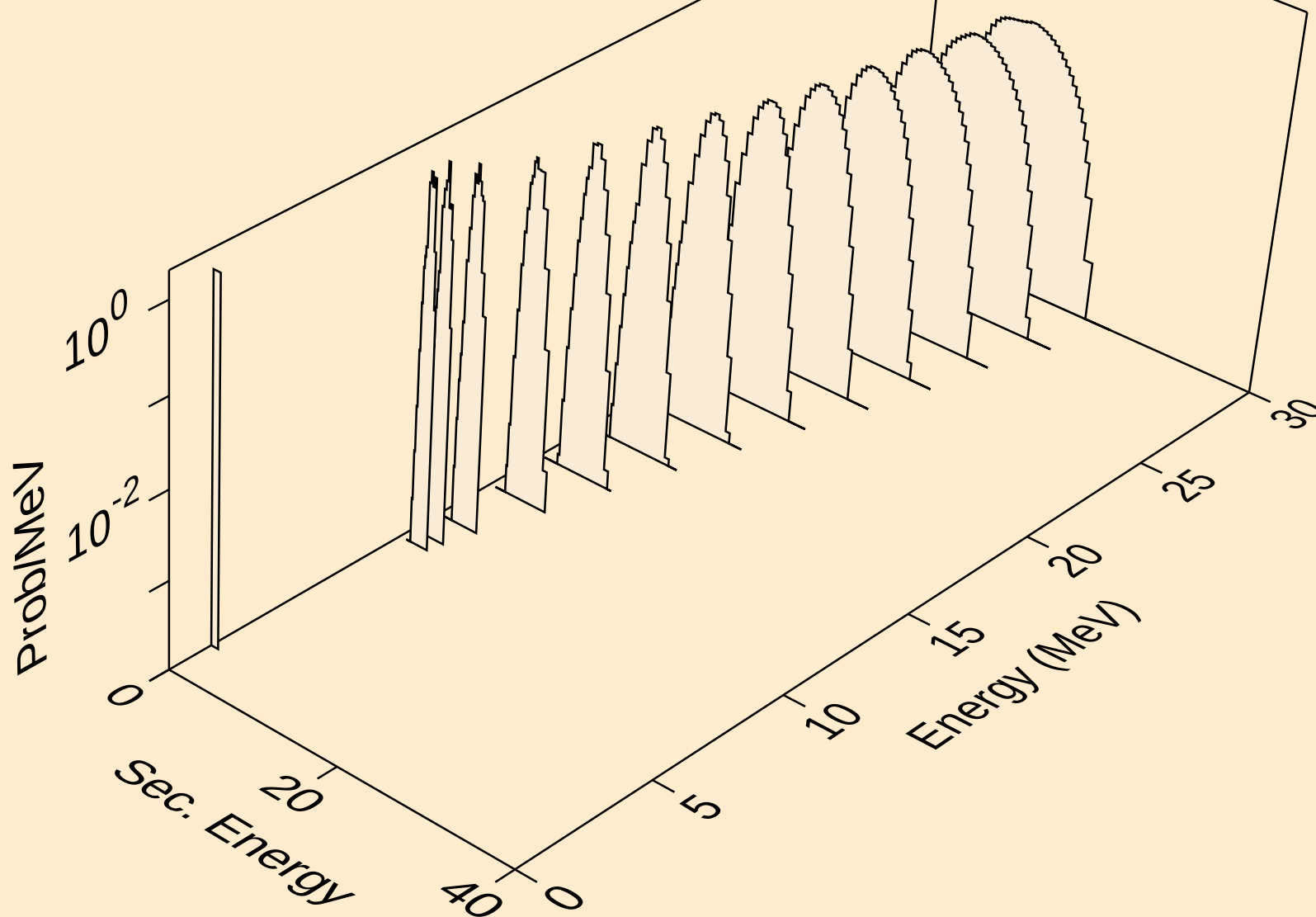
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deuterons from (n,d2a)



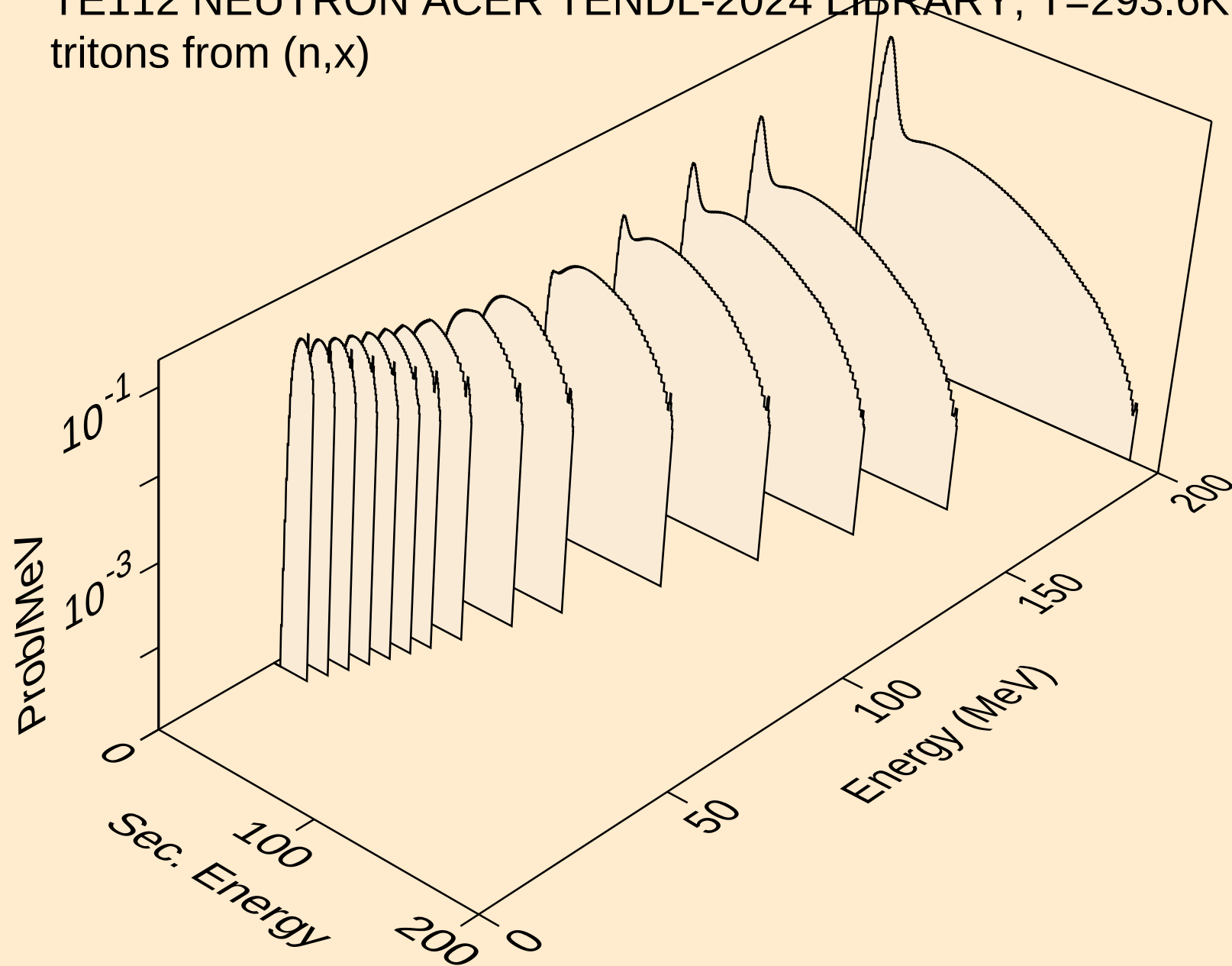
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deuterons from (n,pd)



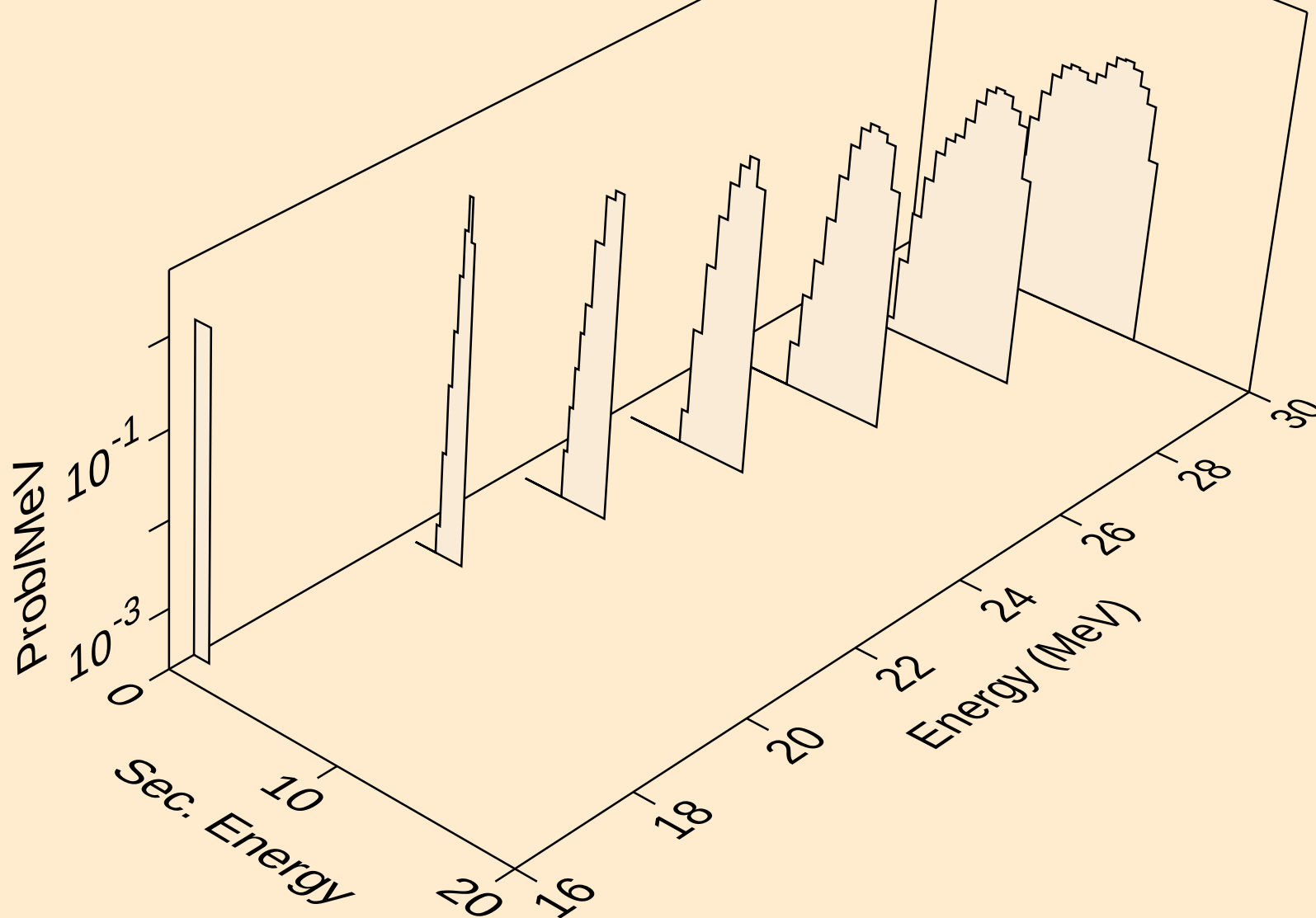
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deuterons from (n,da)



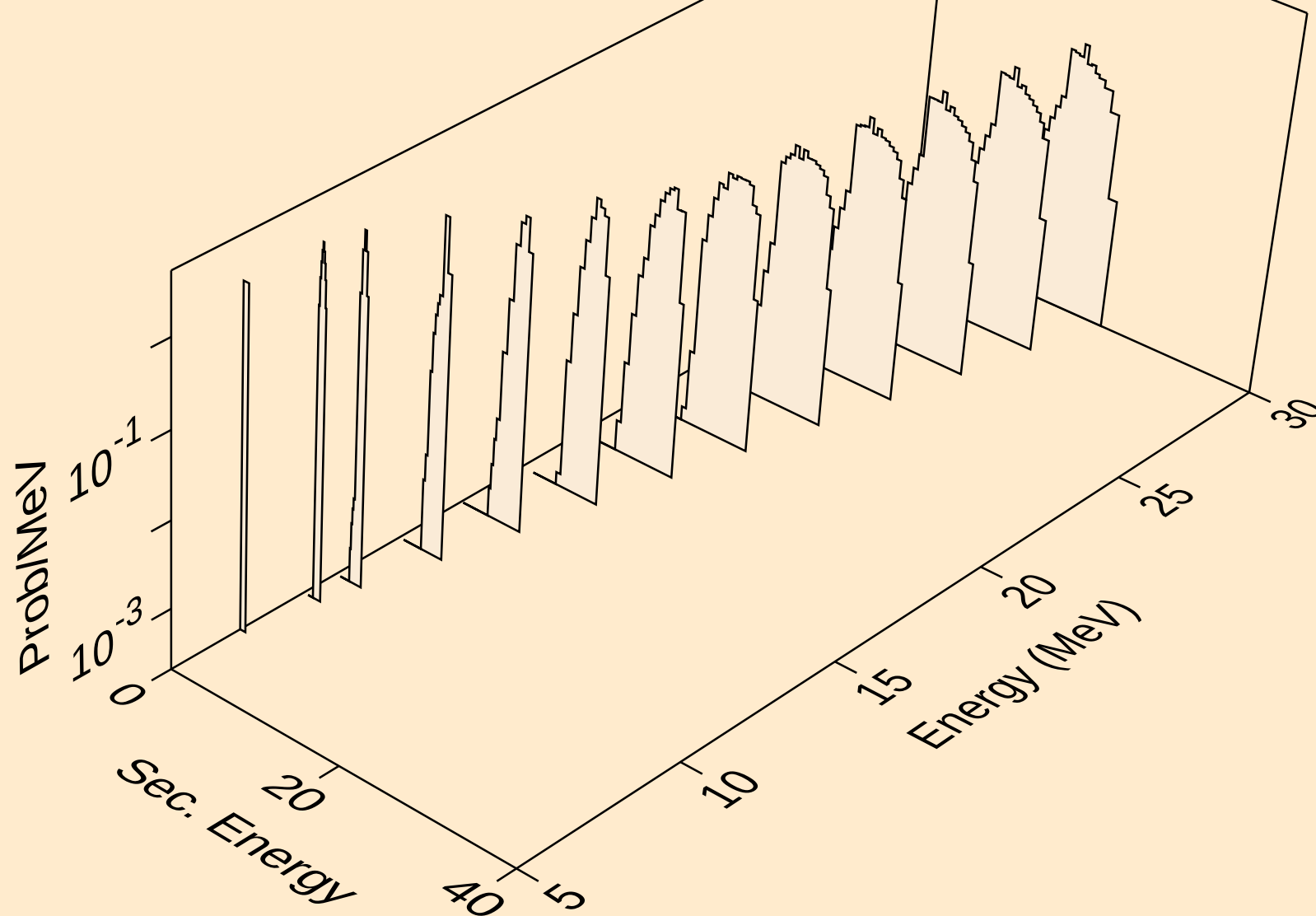
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



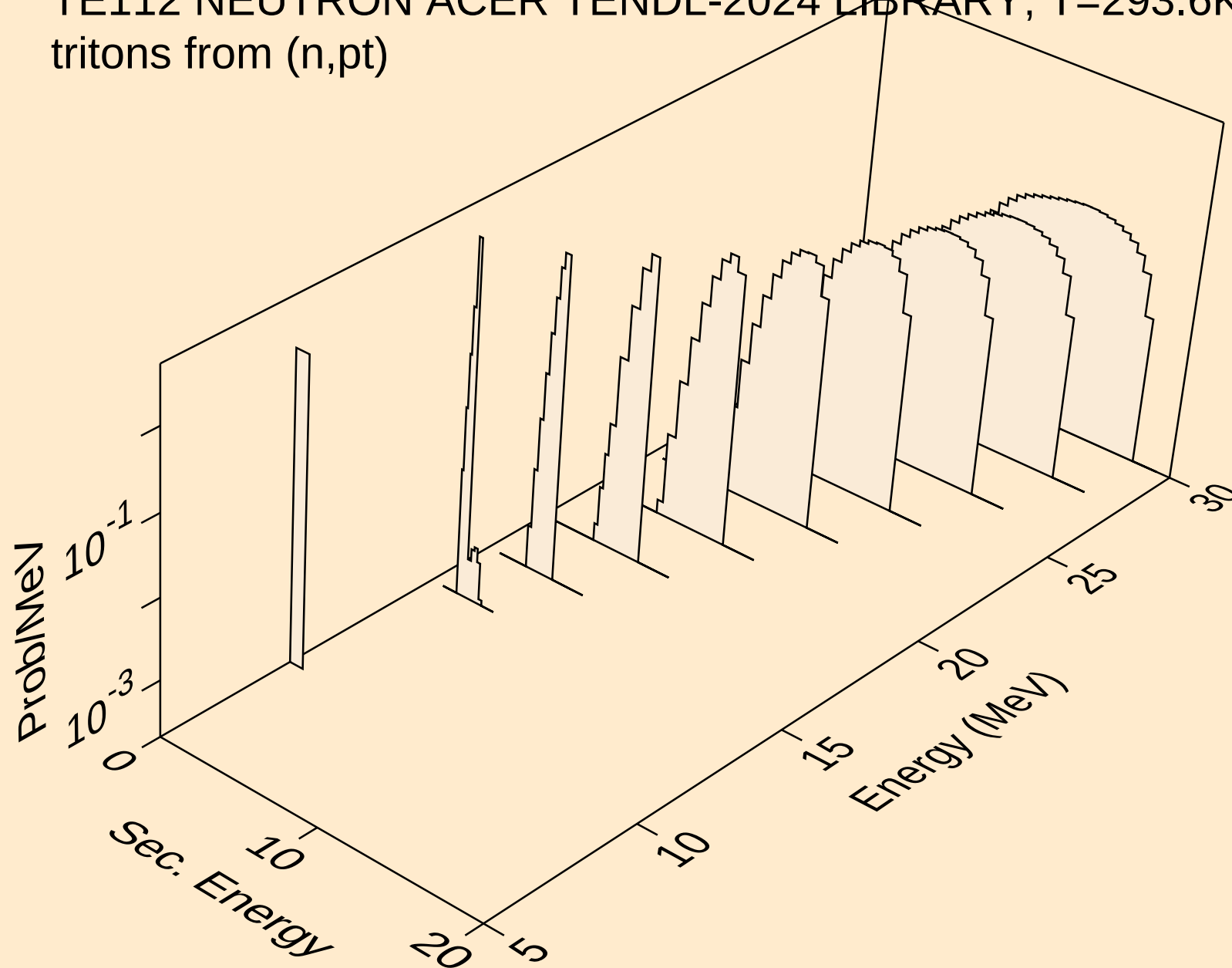
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



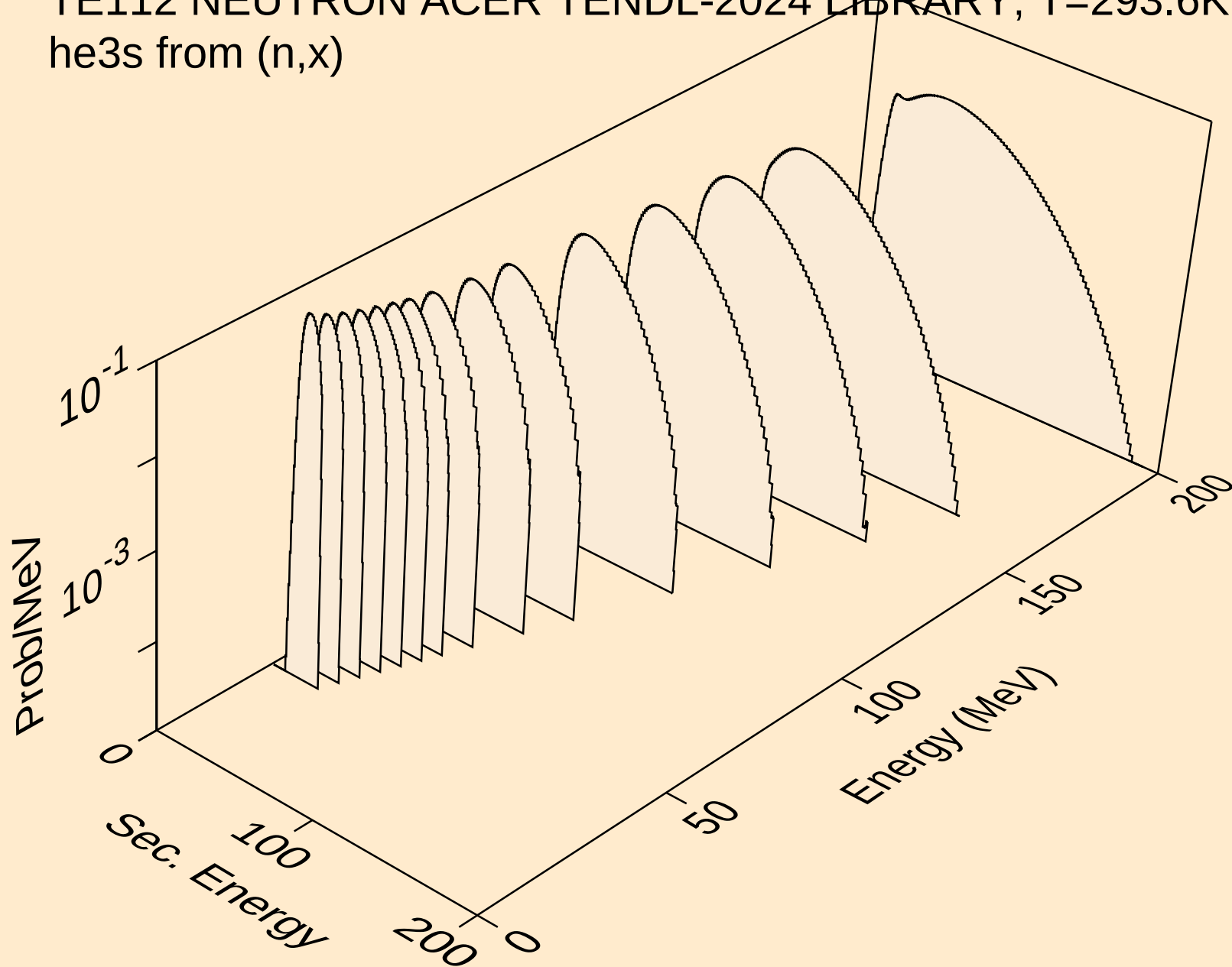
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)

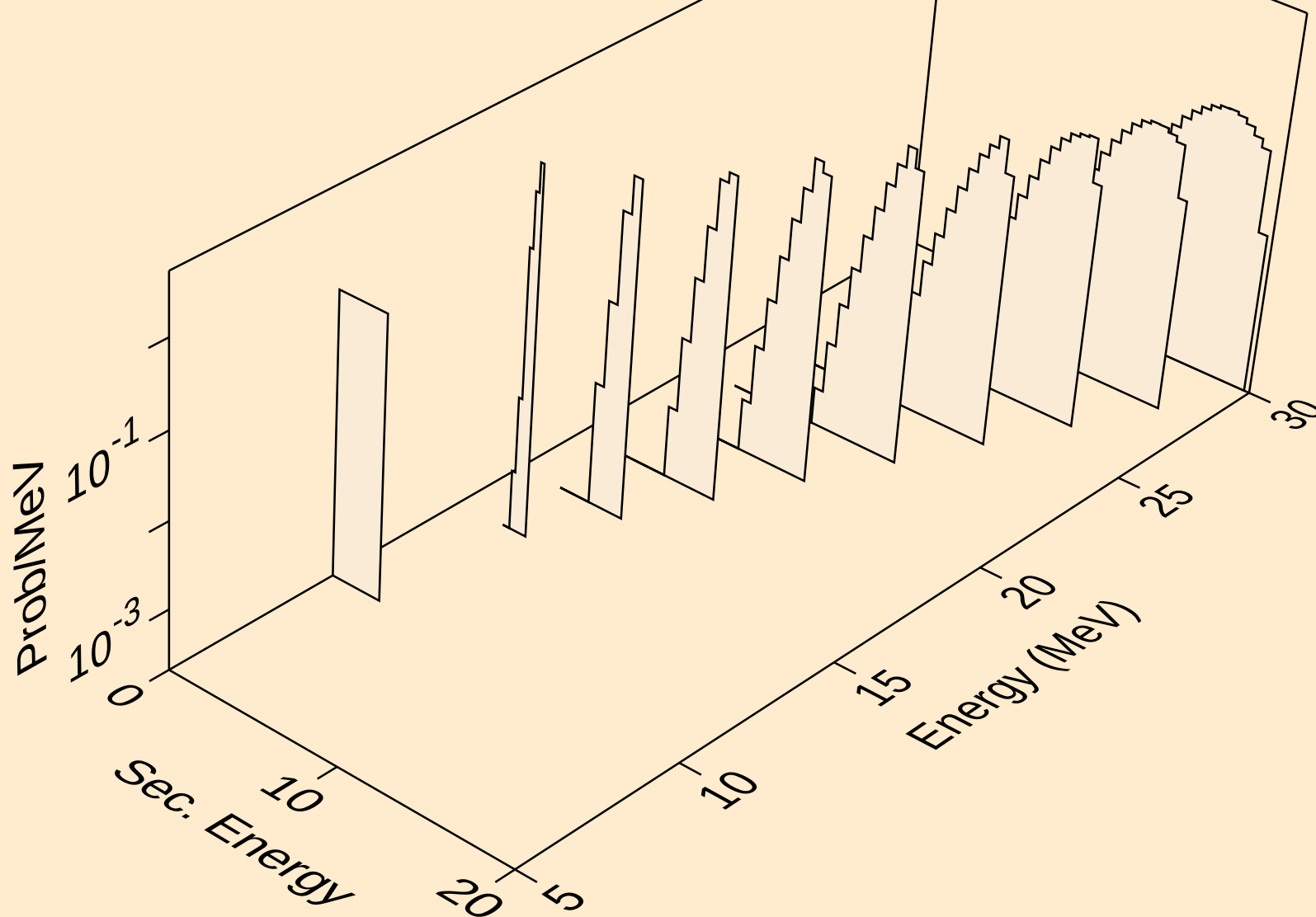


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)

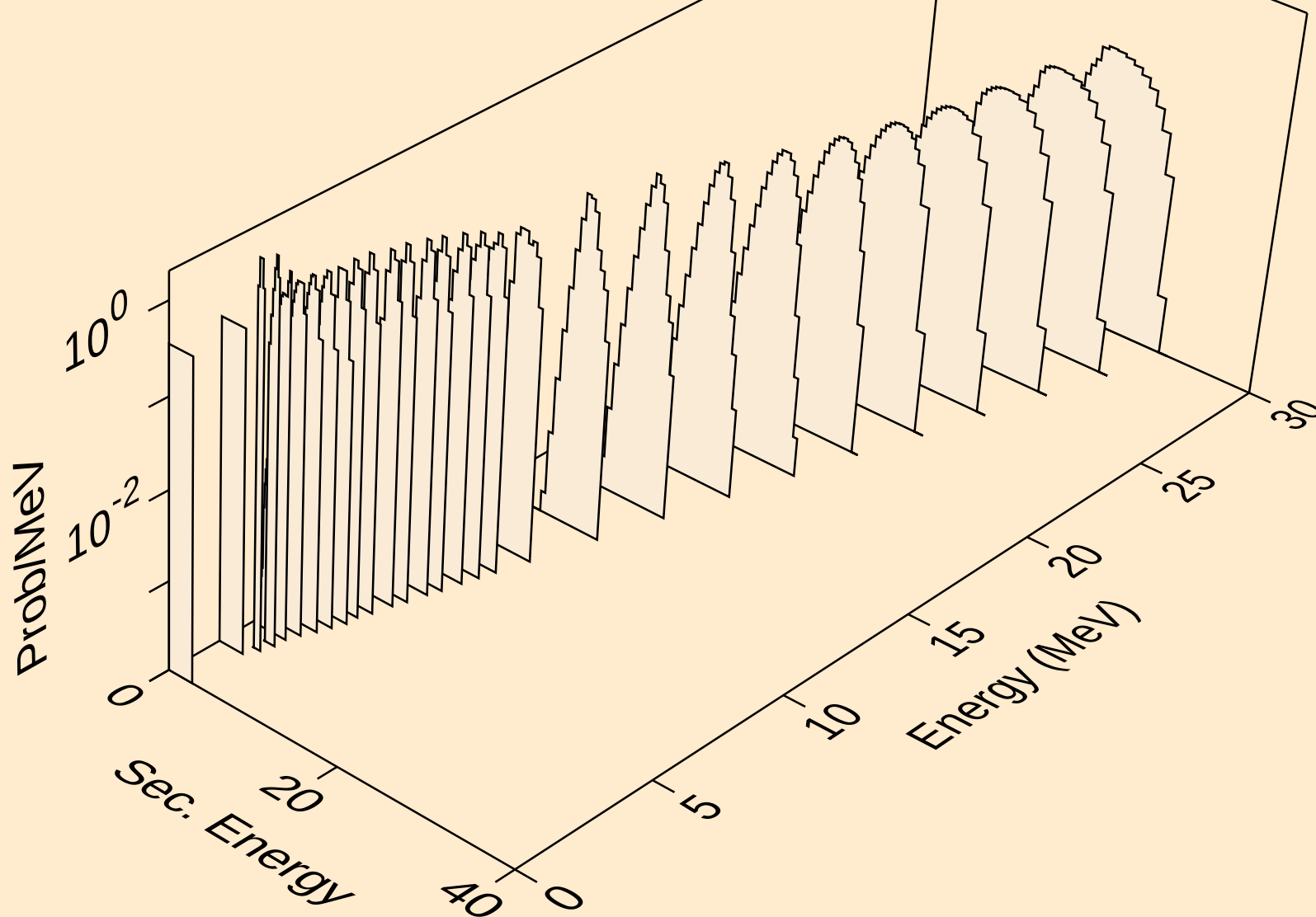




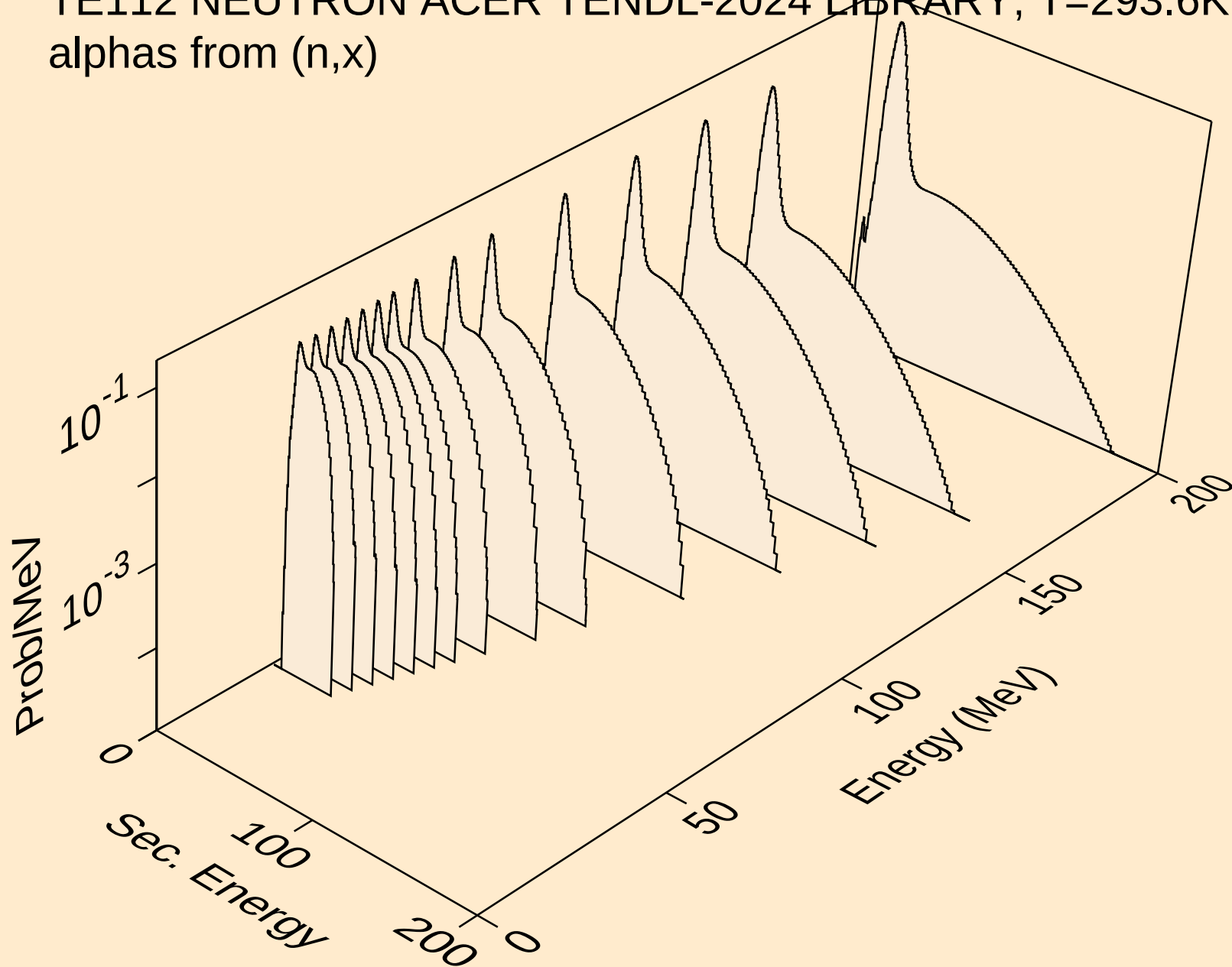
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he3s from (n,n\*)he3



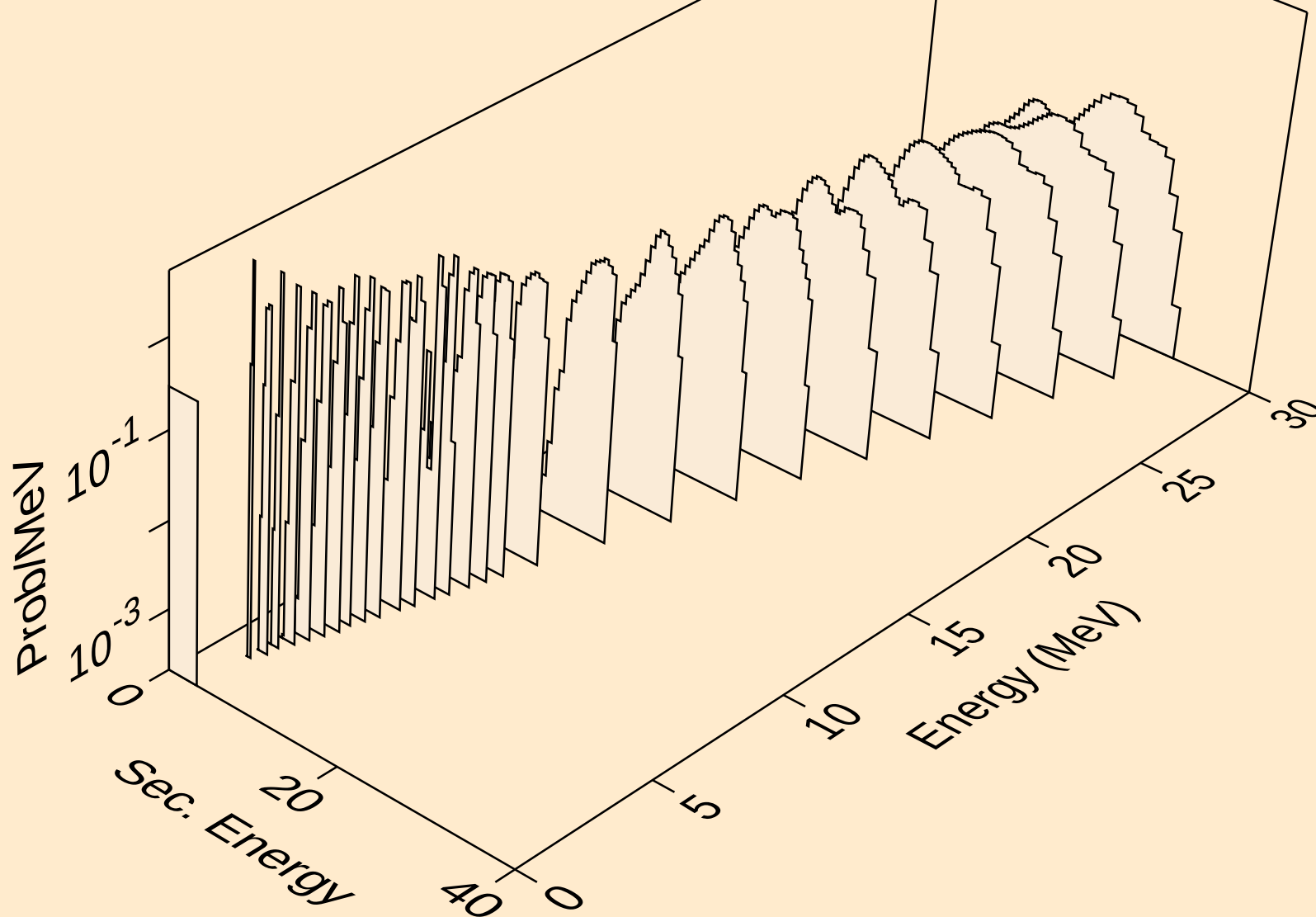
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



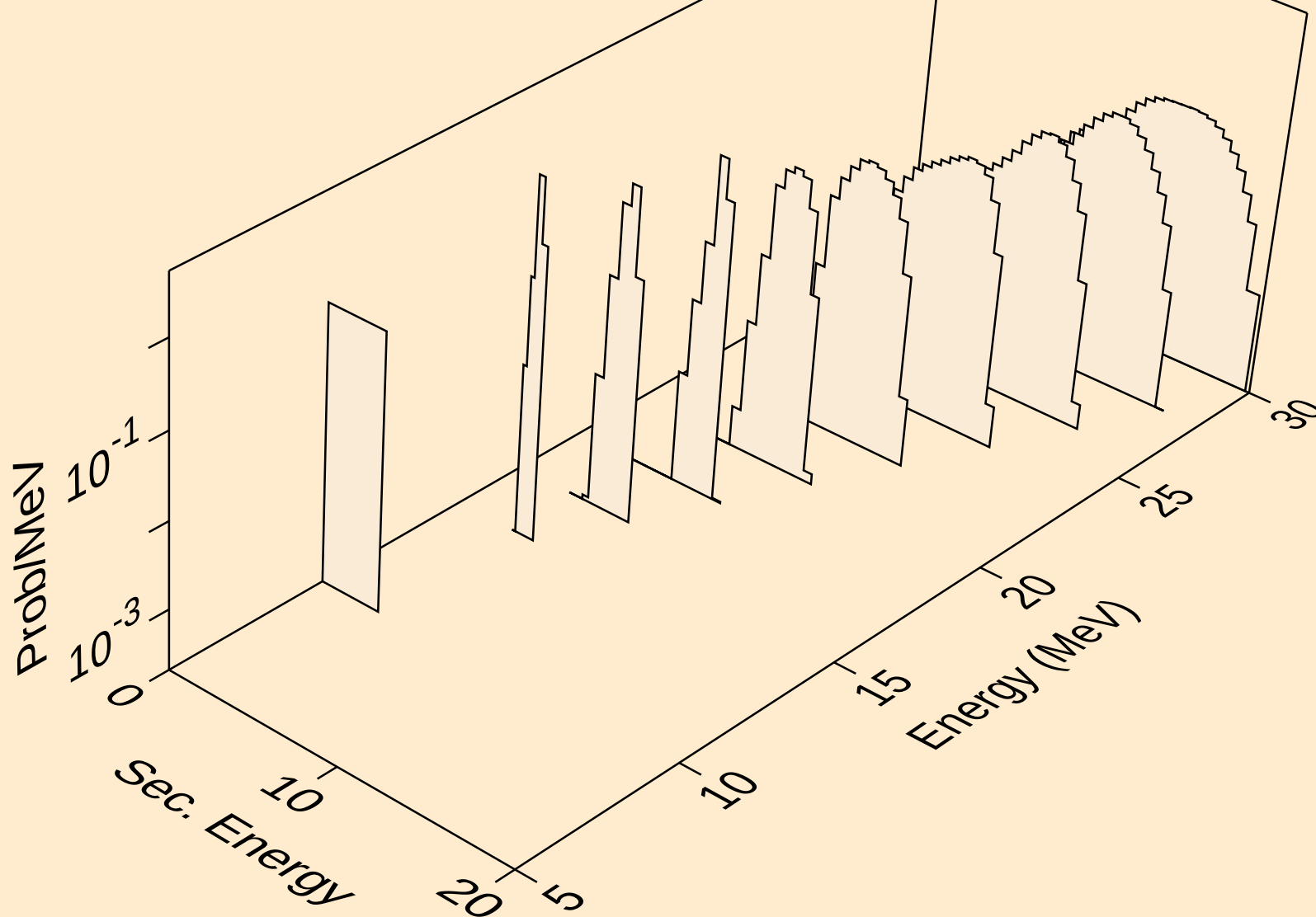
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



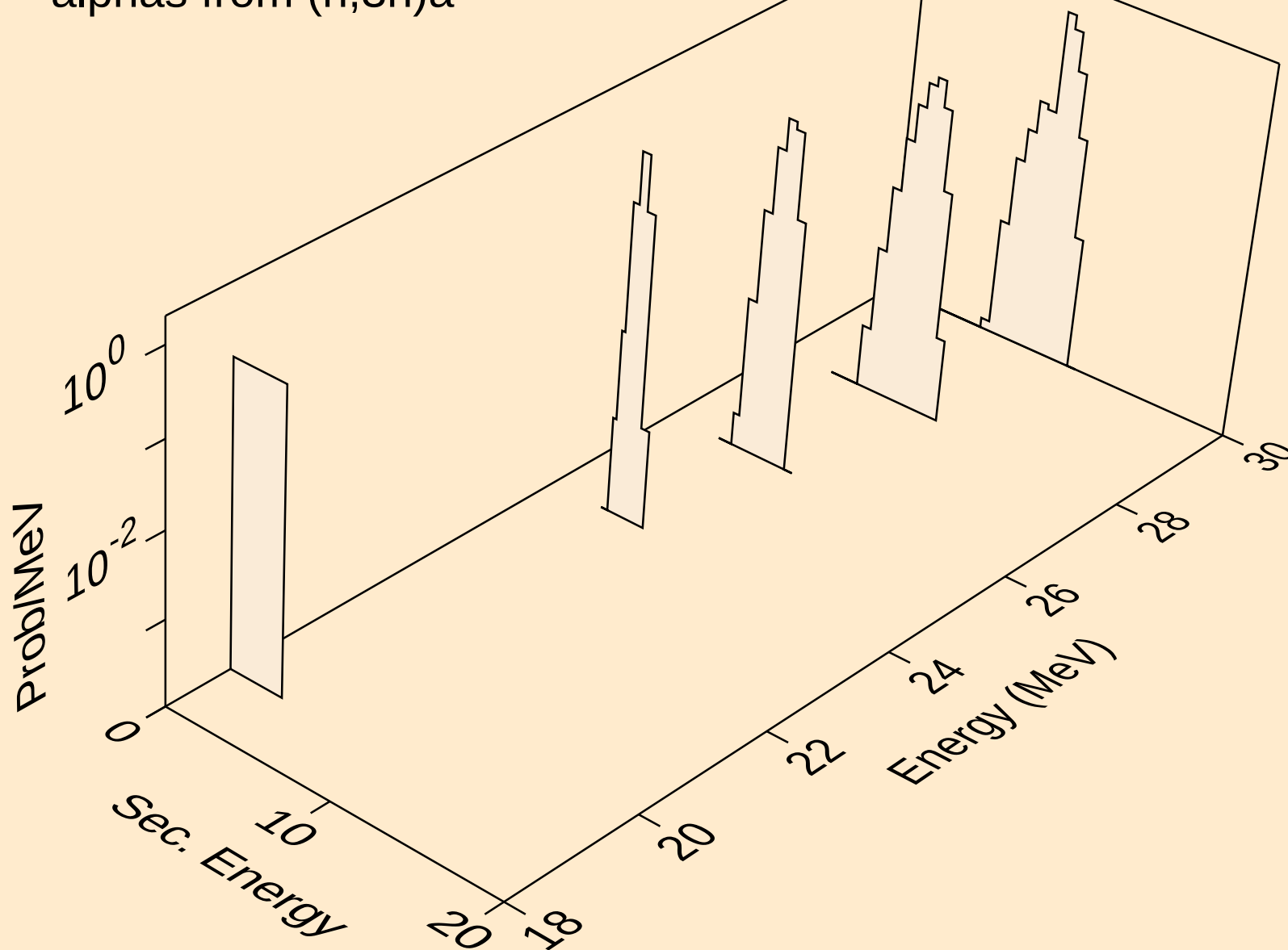
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



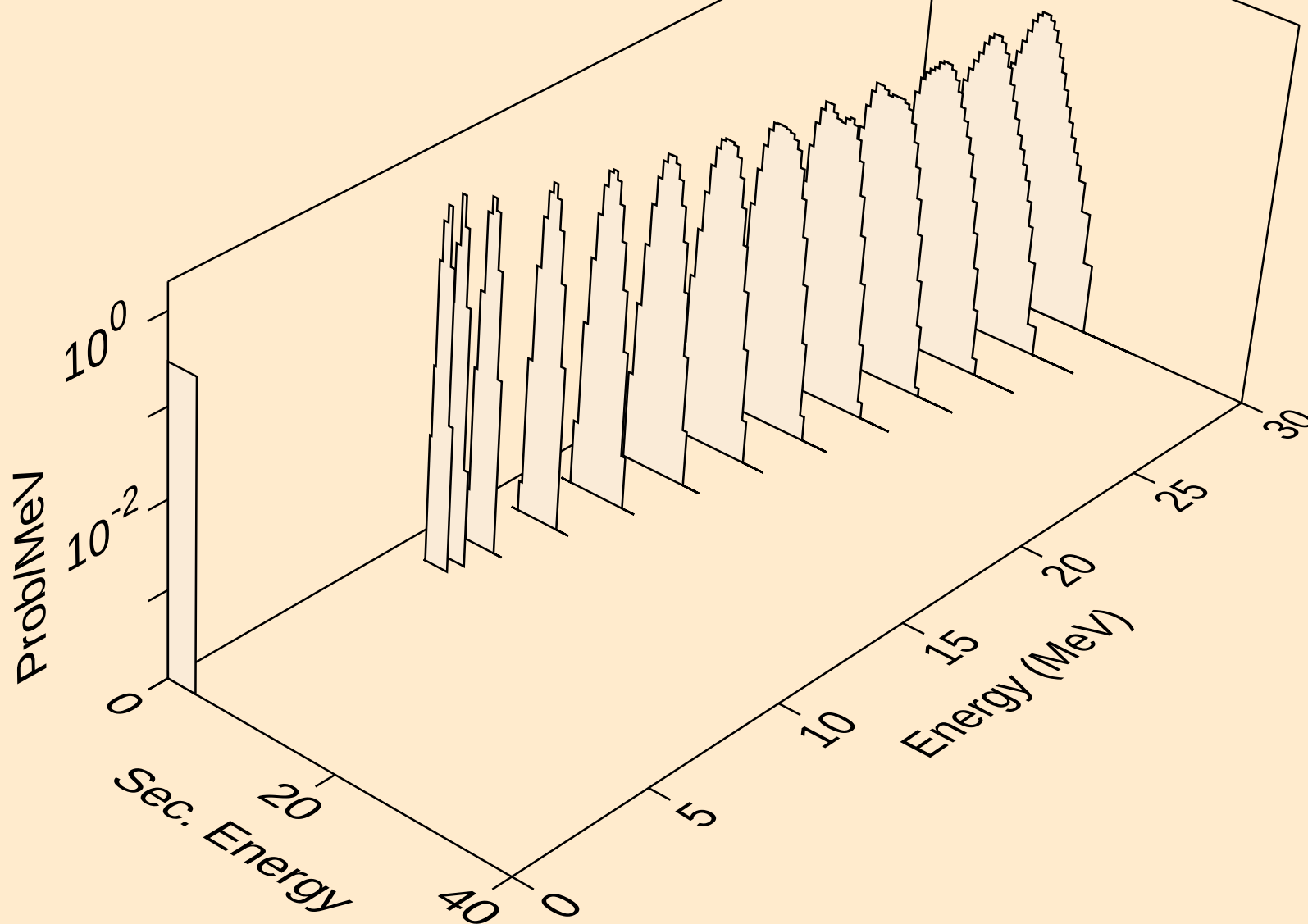
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



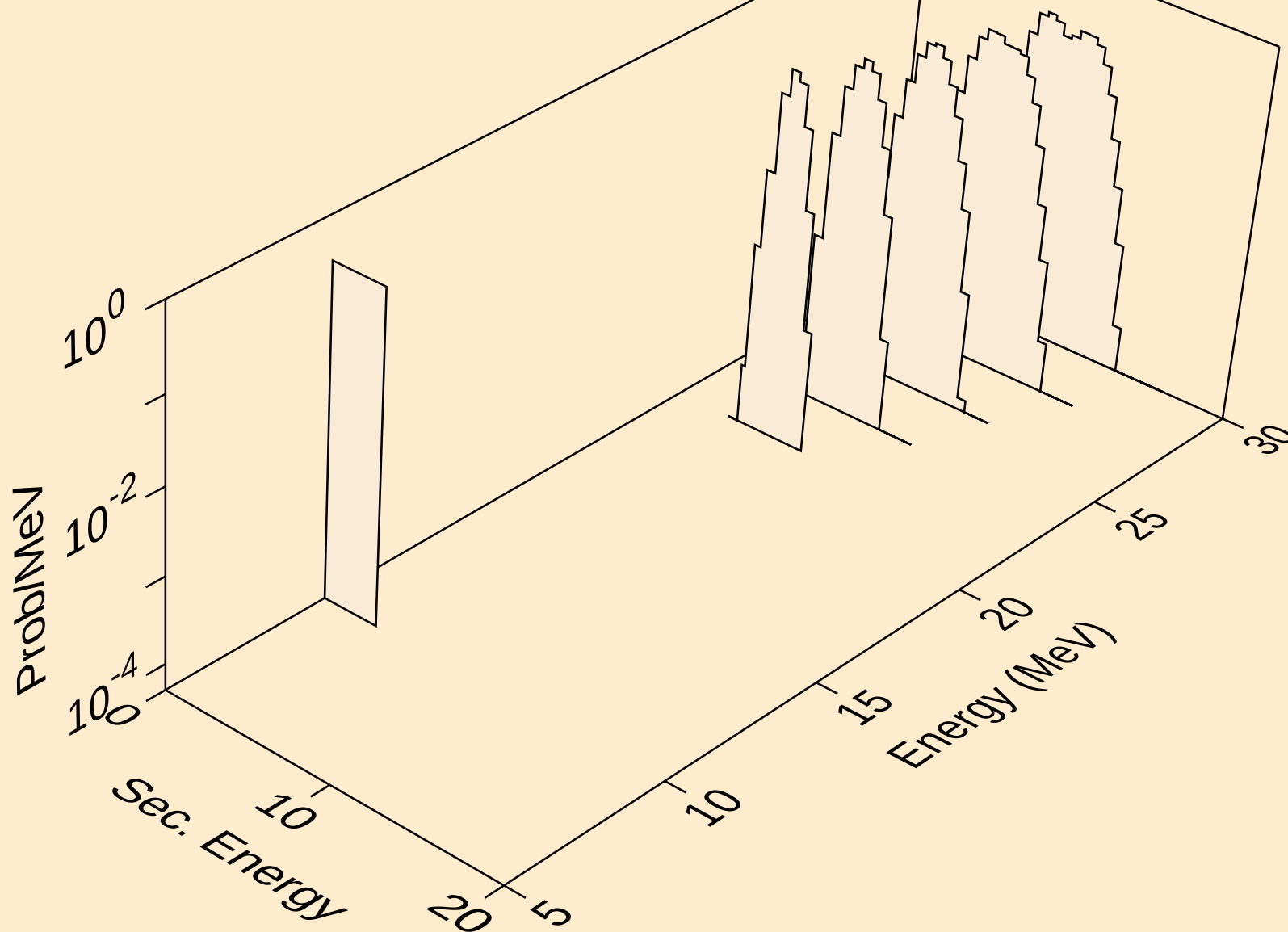
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

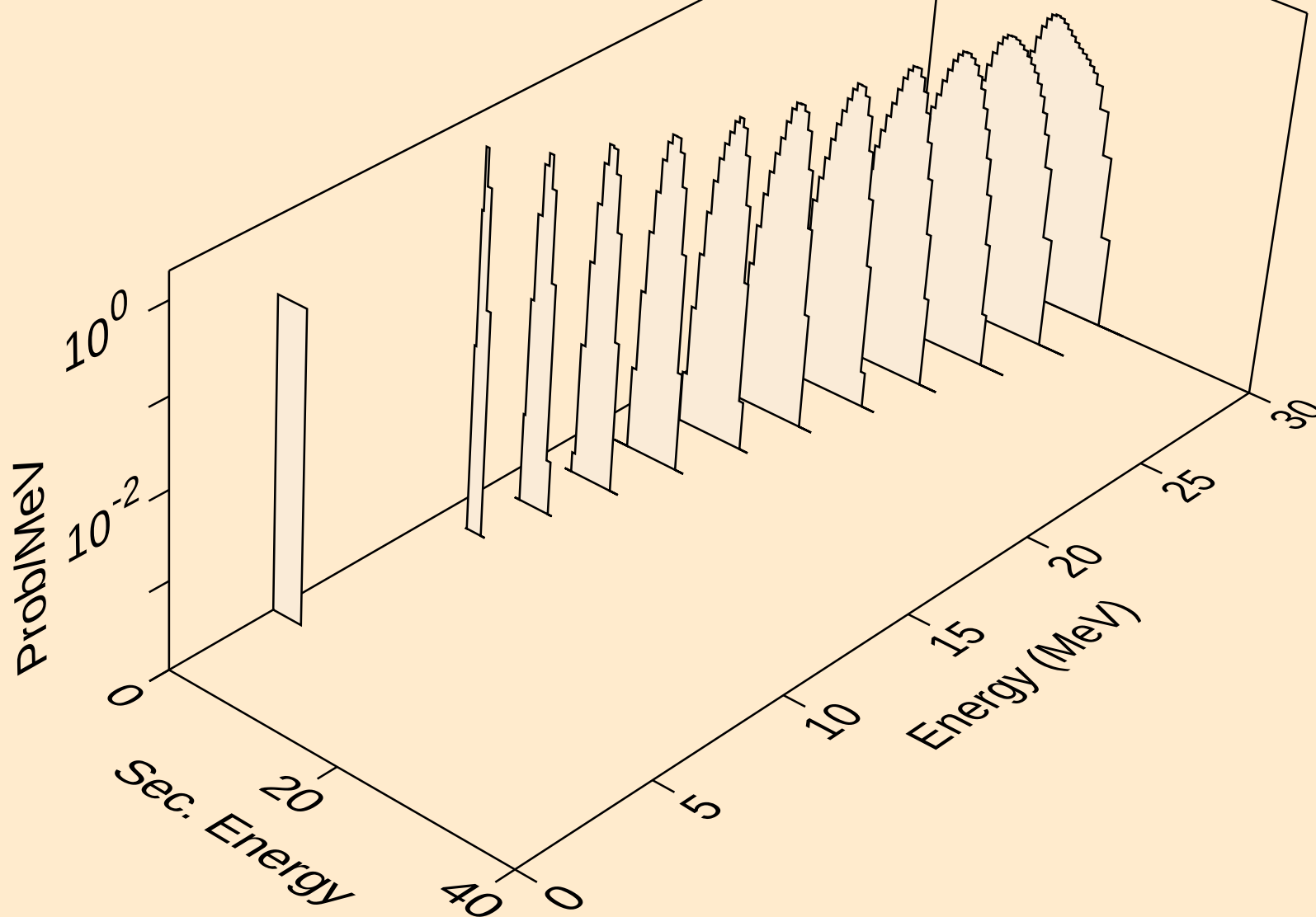


TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)2a

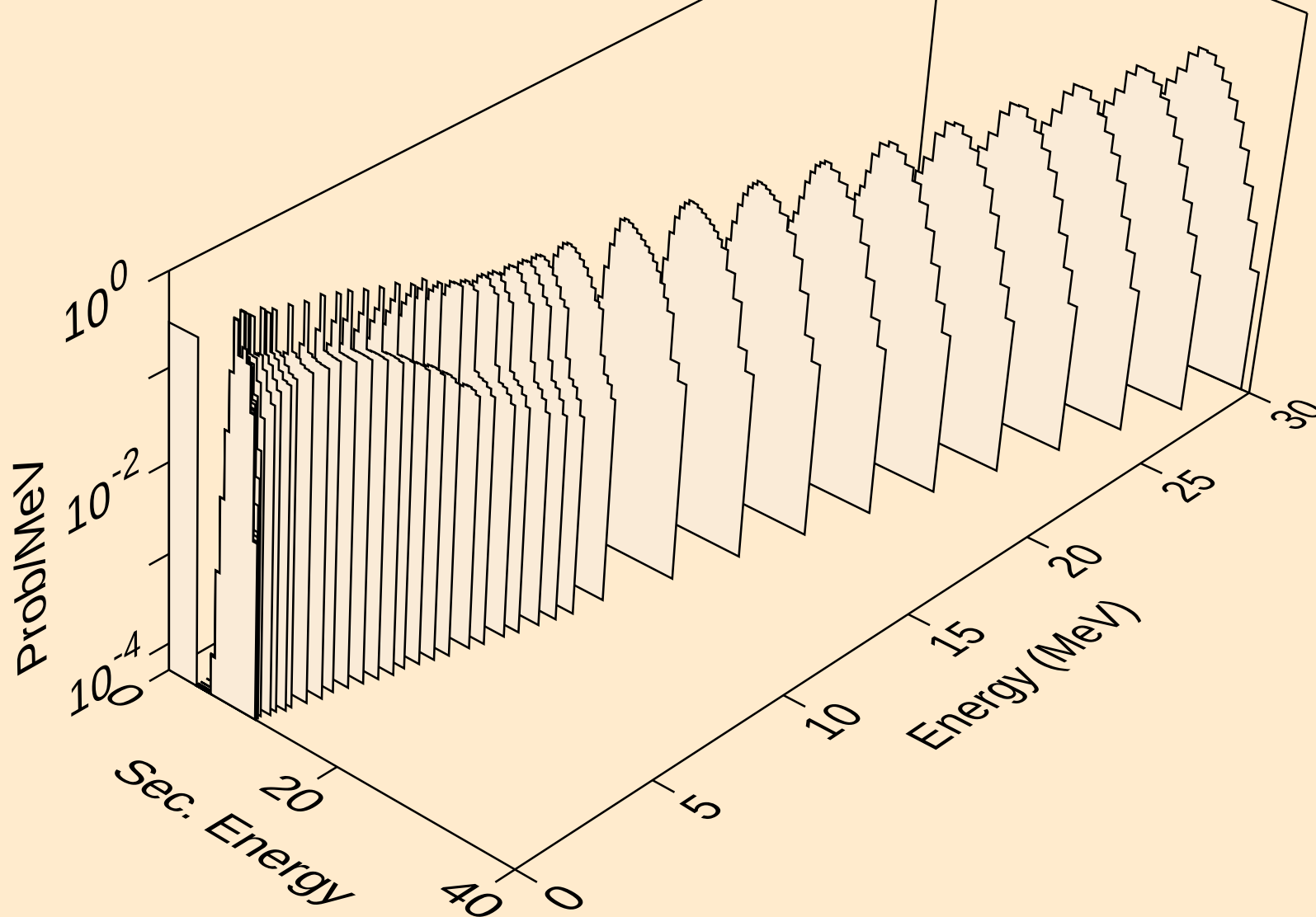




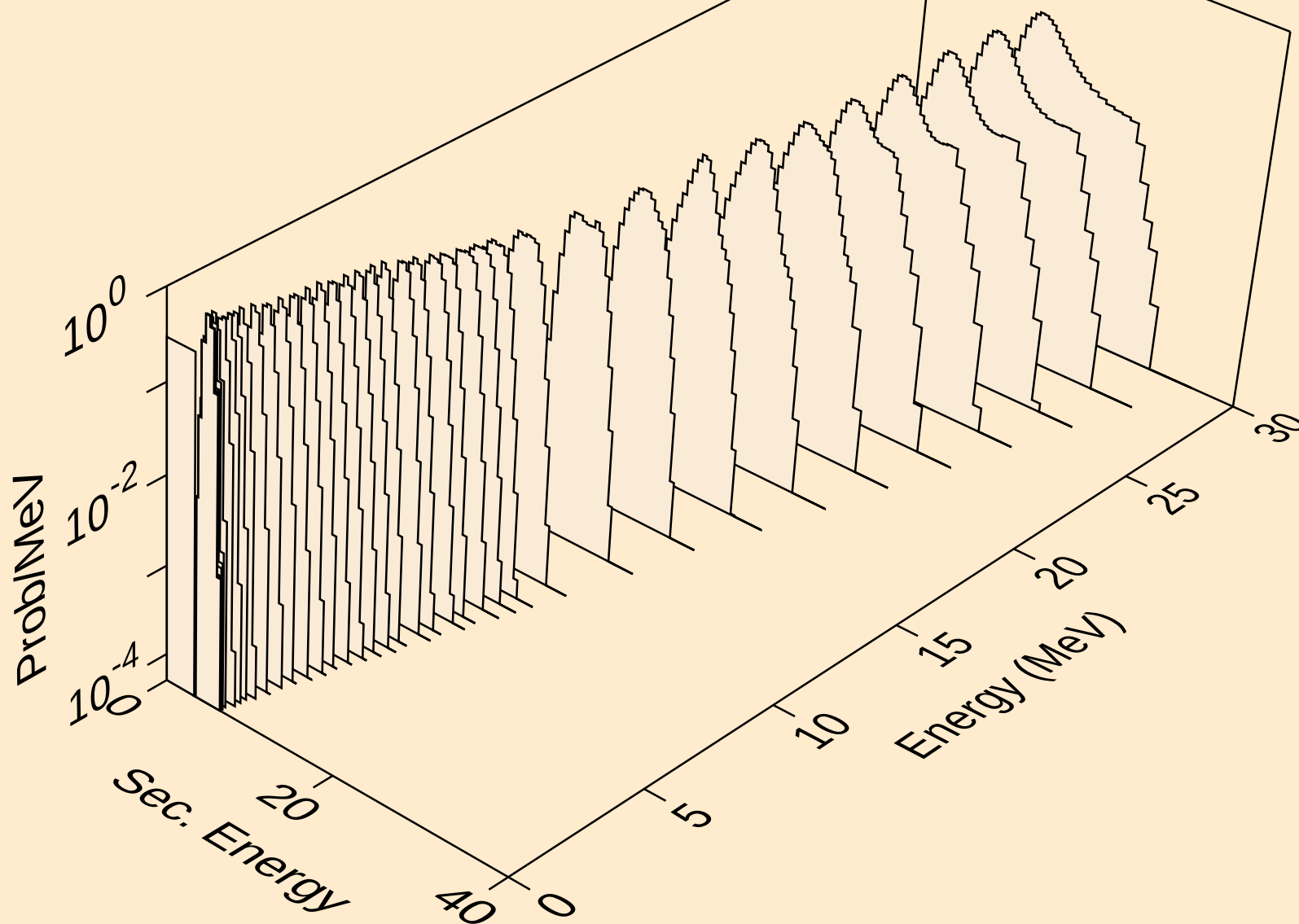
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



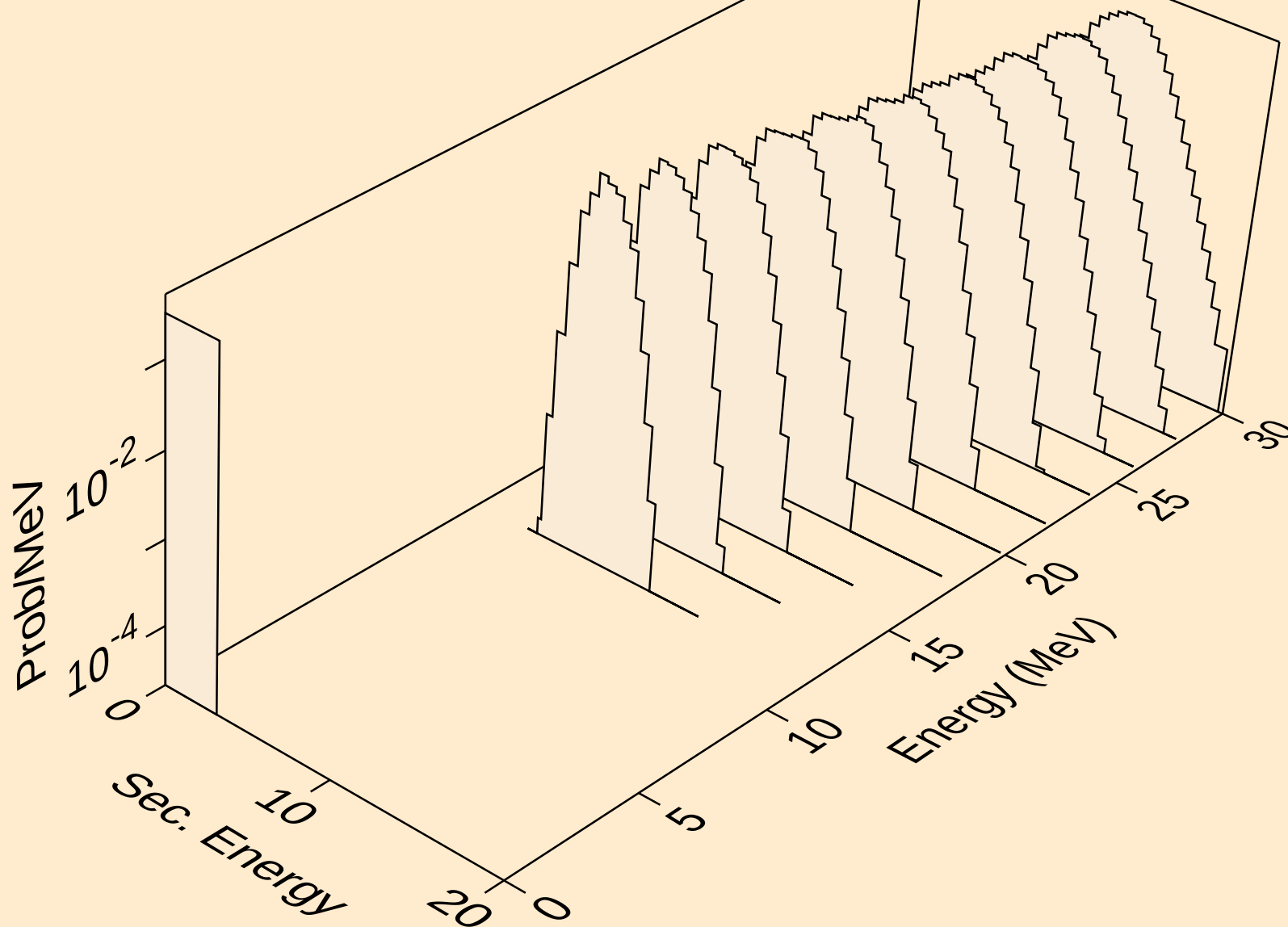
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



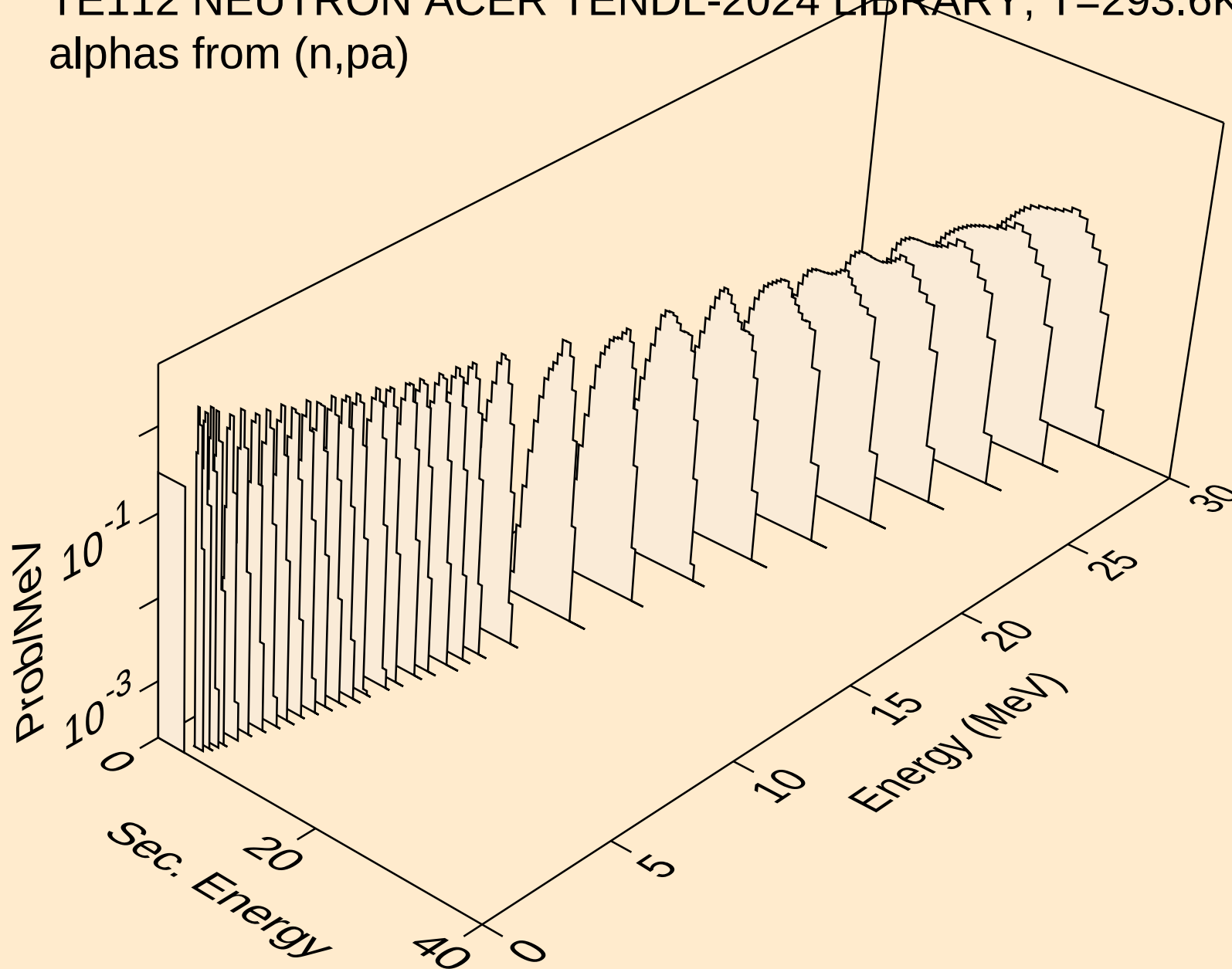
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



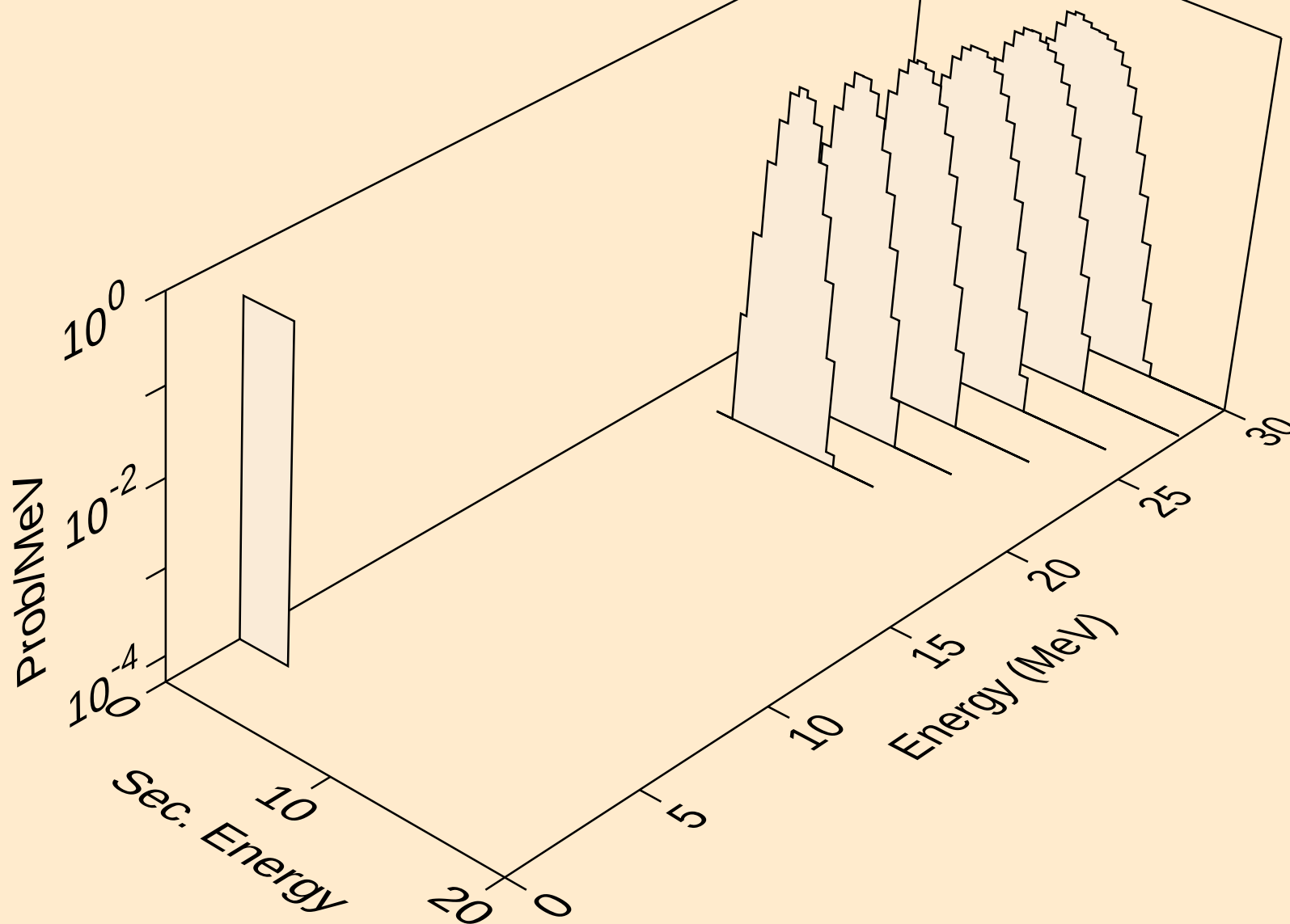
TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,d2a)



TE112 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

