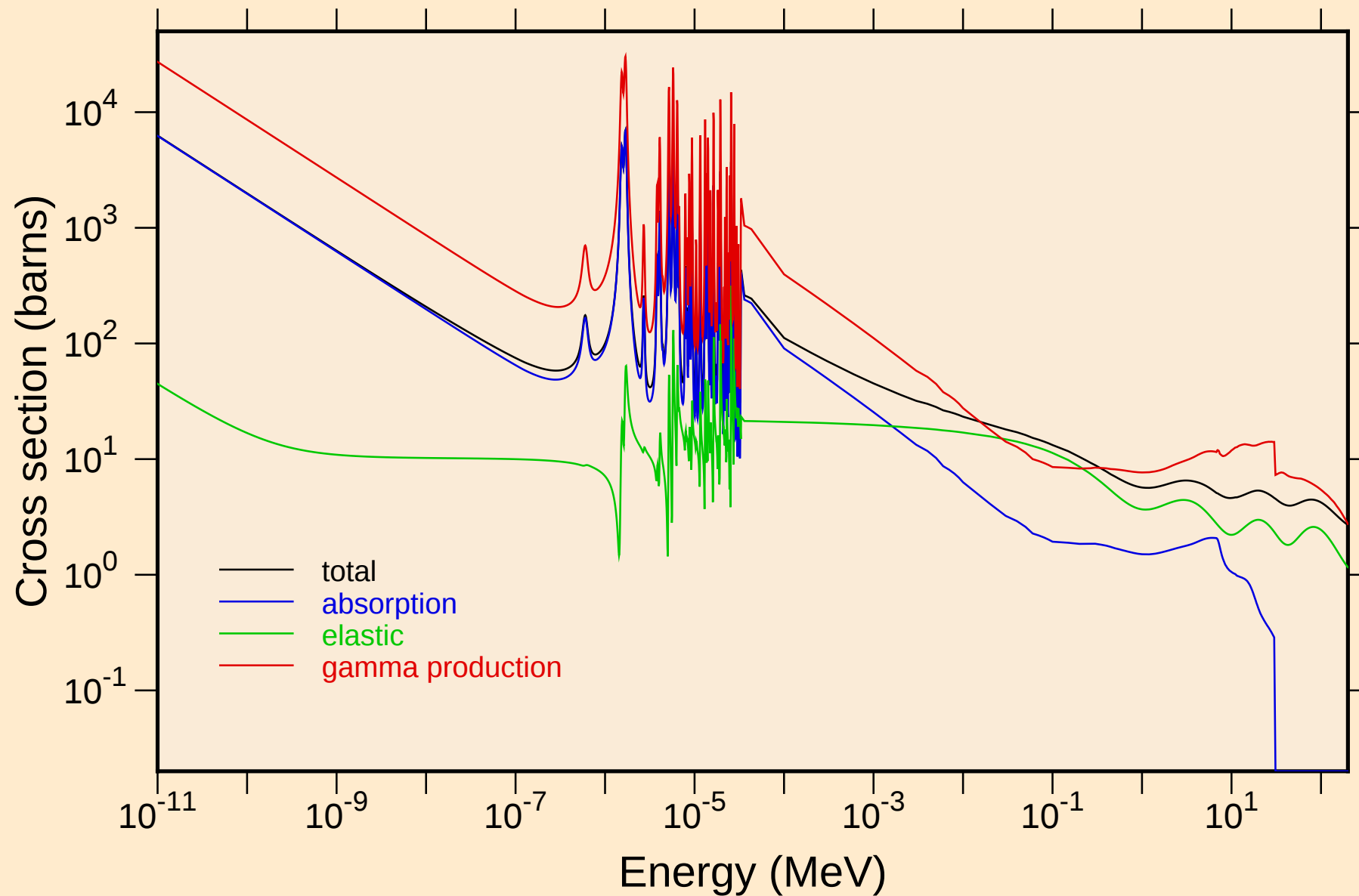
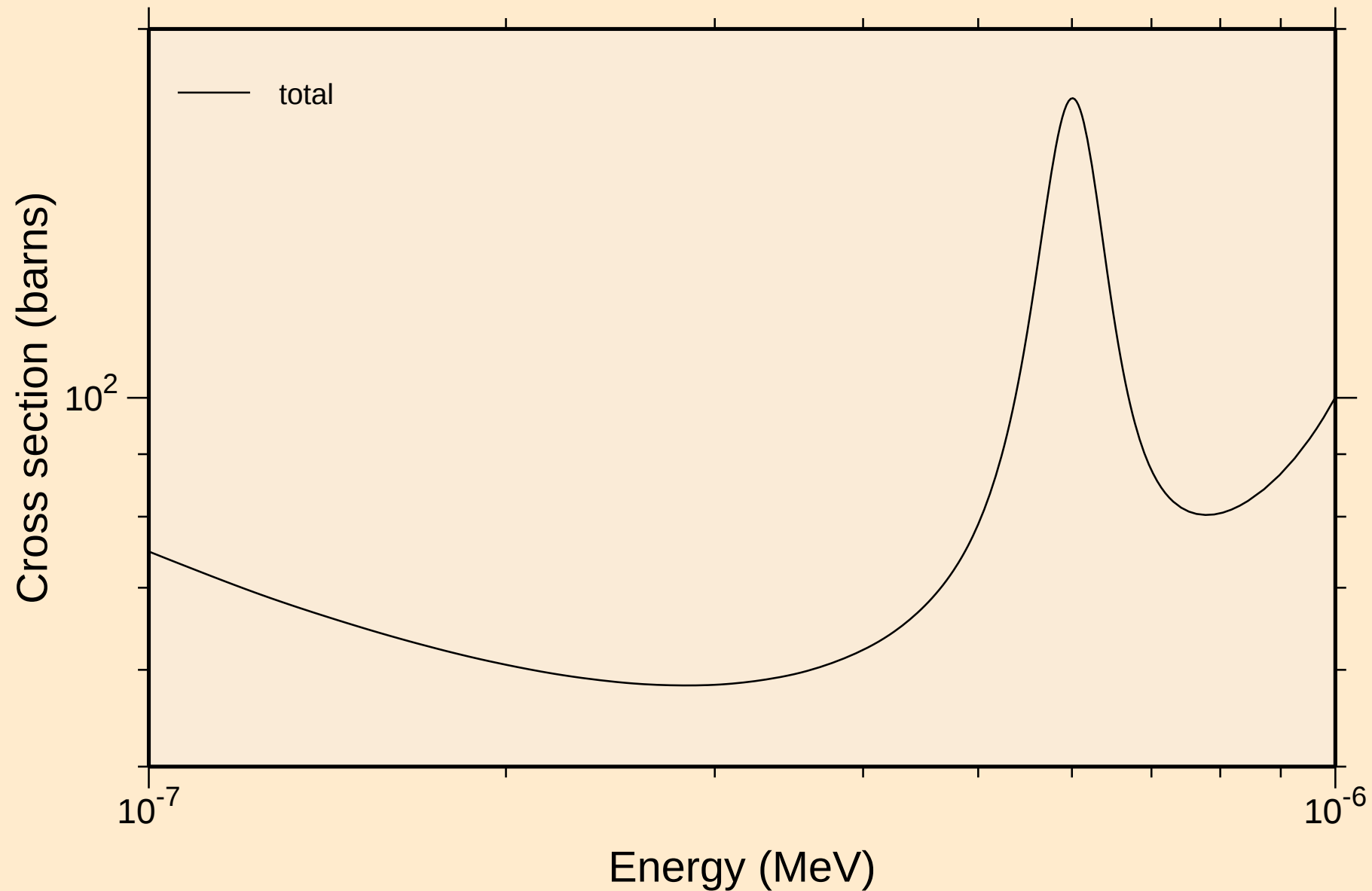


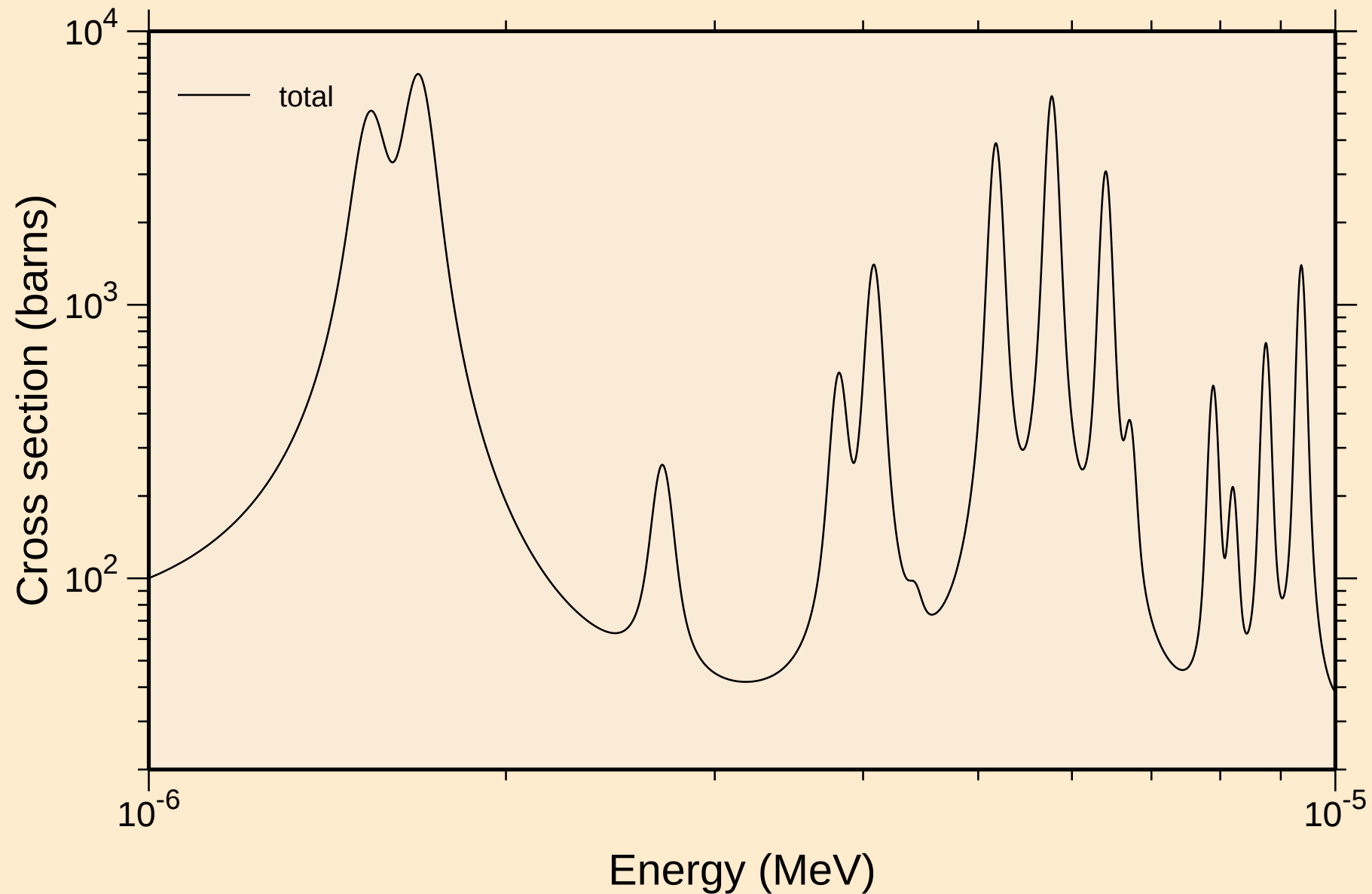
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



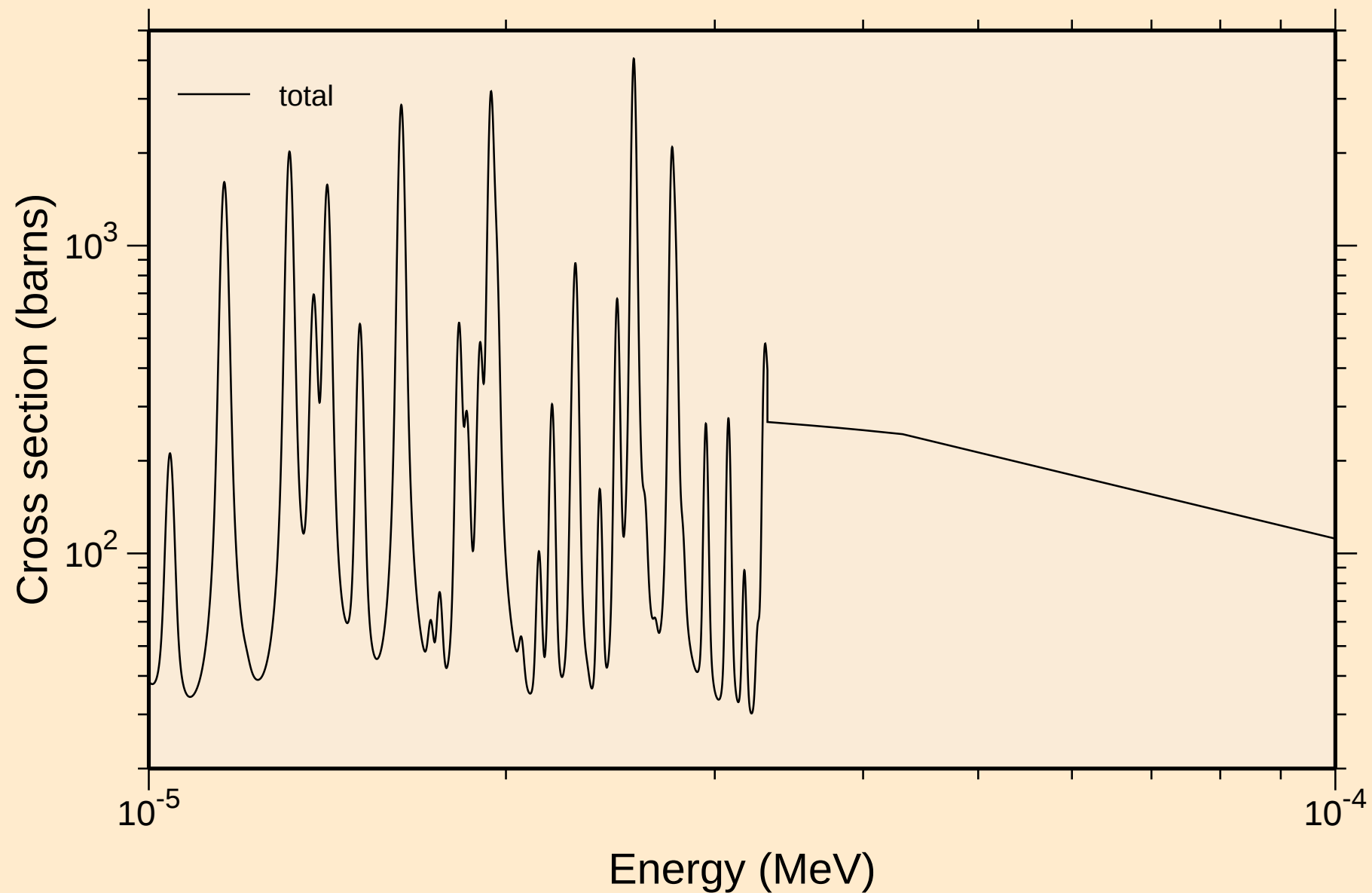
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



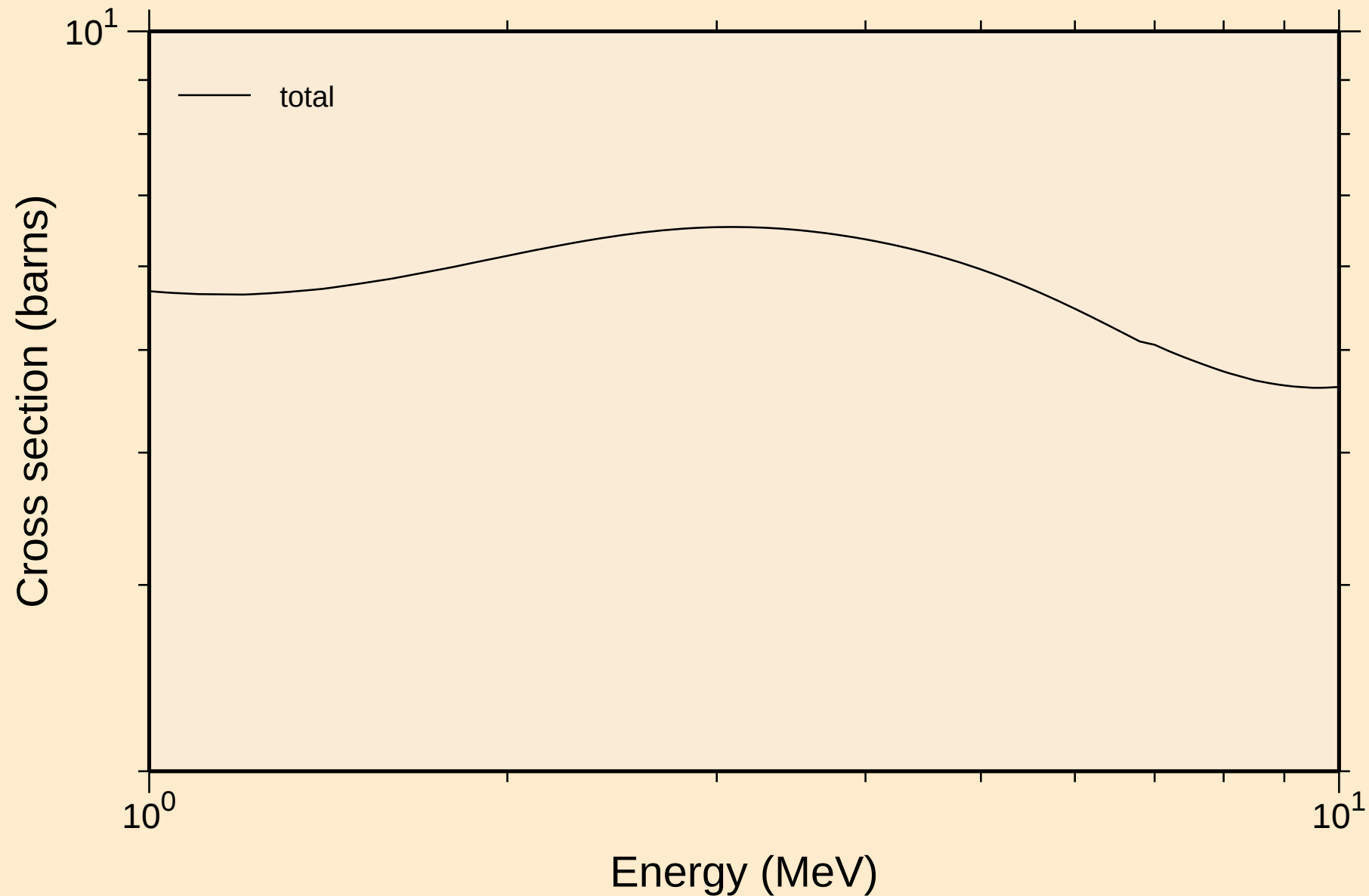
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



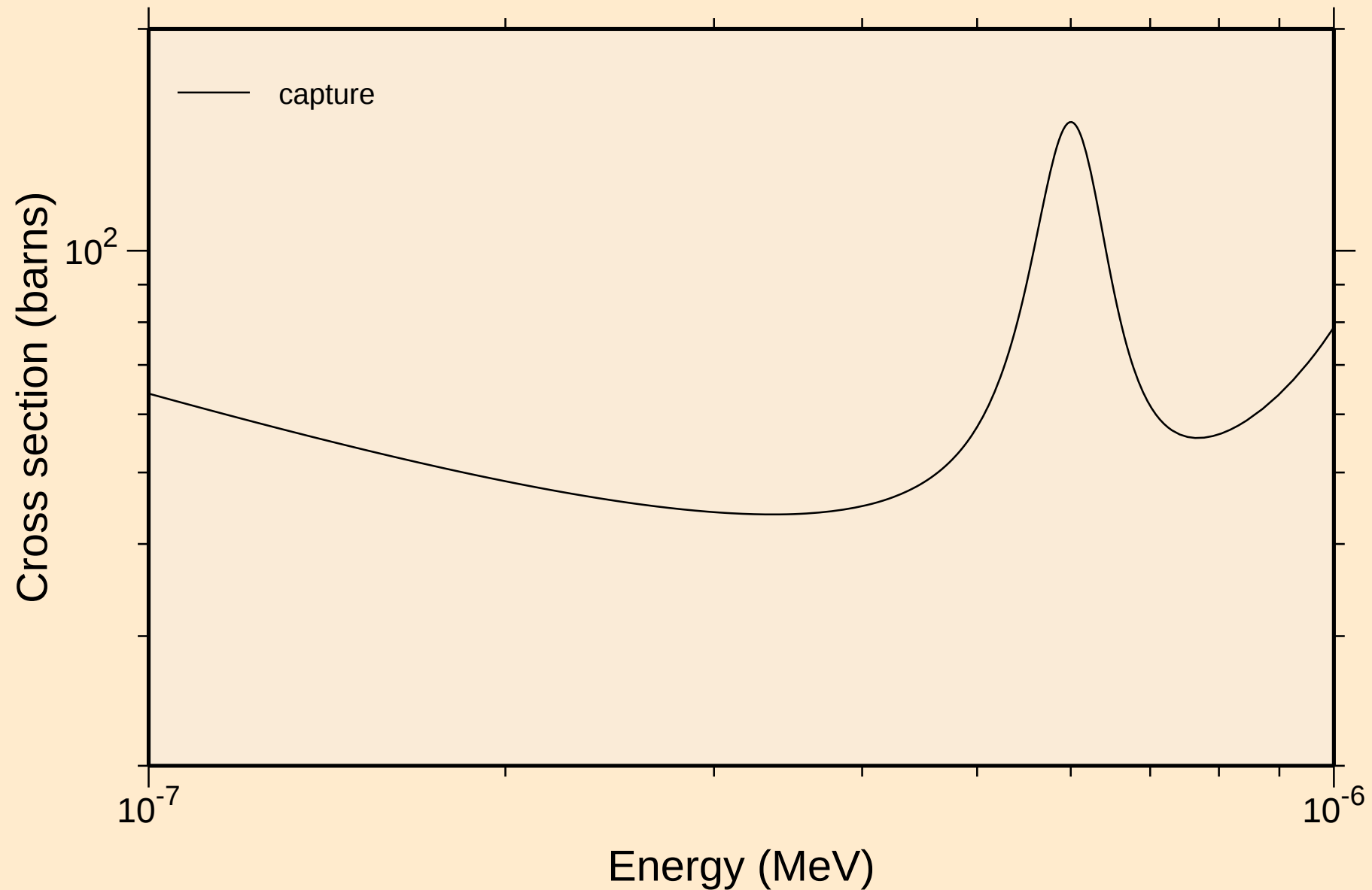
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resonance total cross section



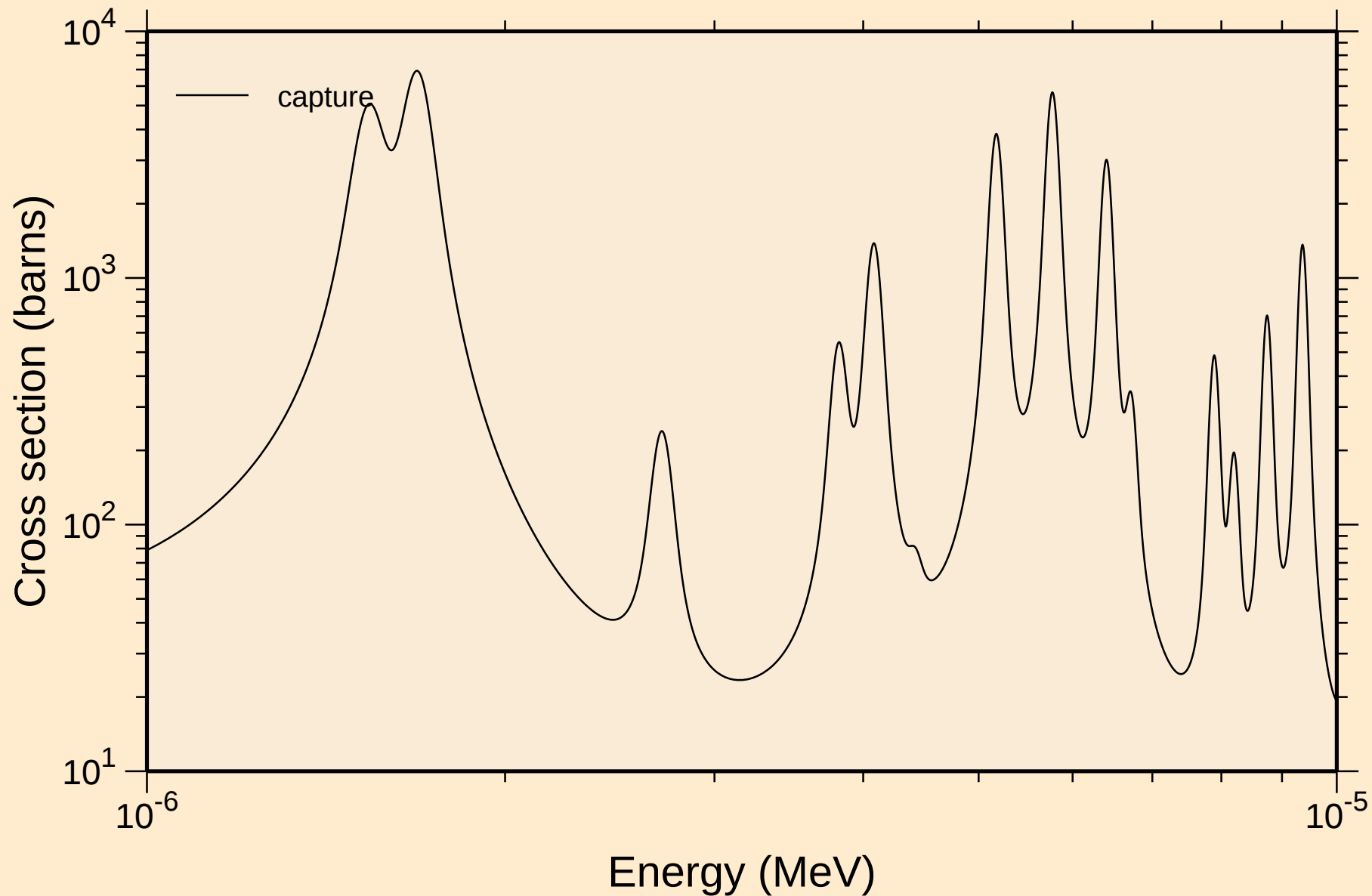
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



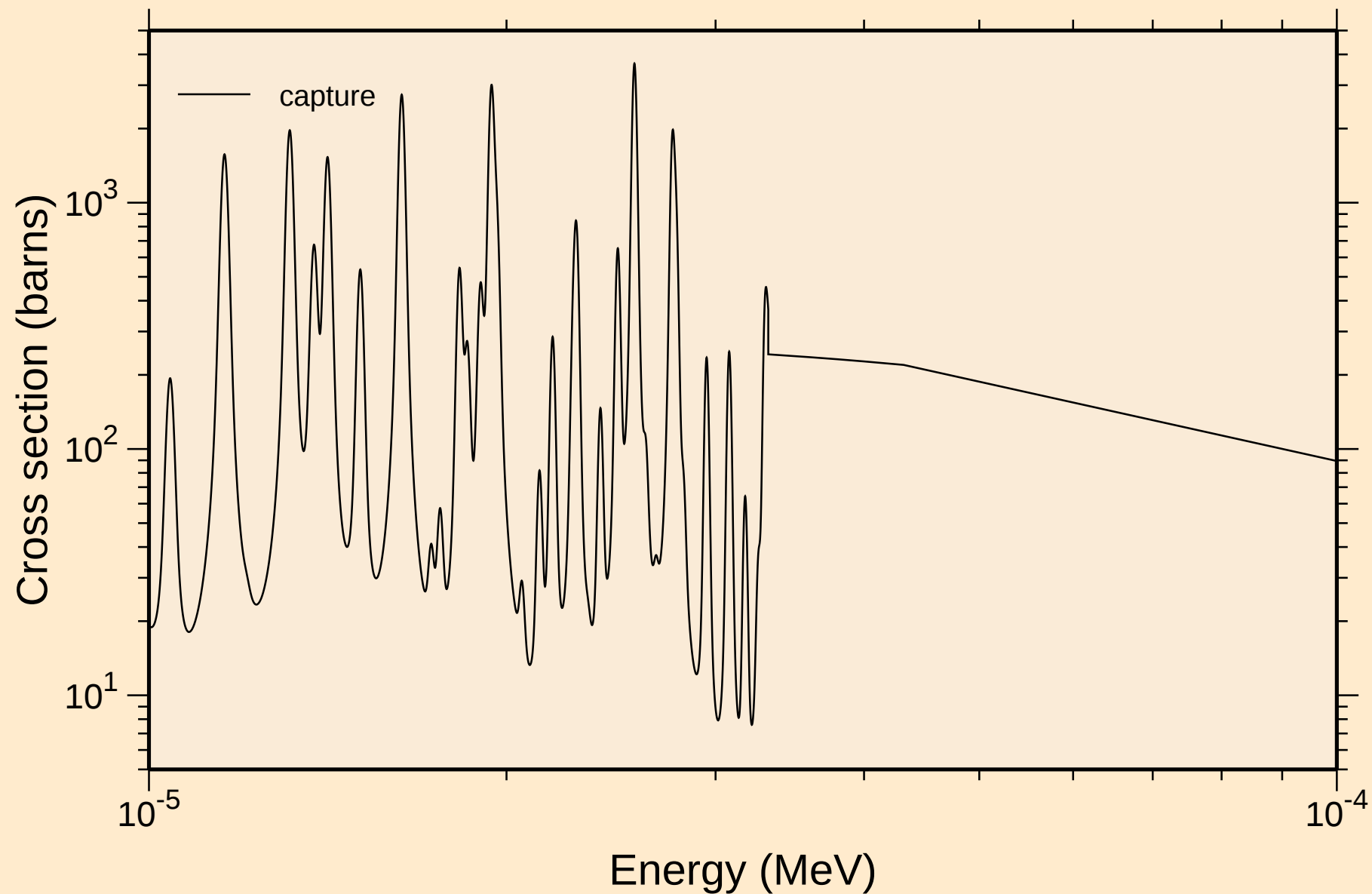
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



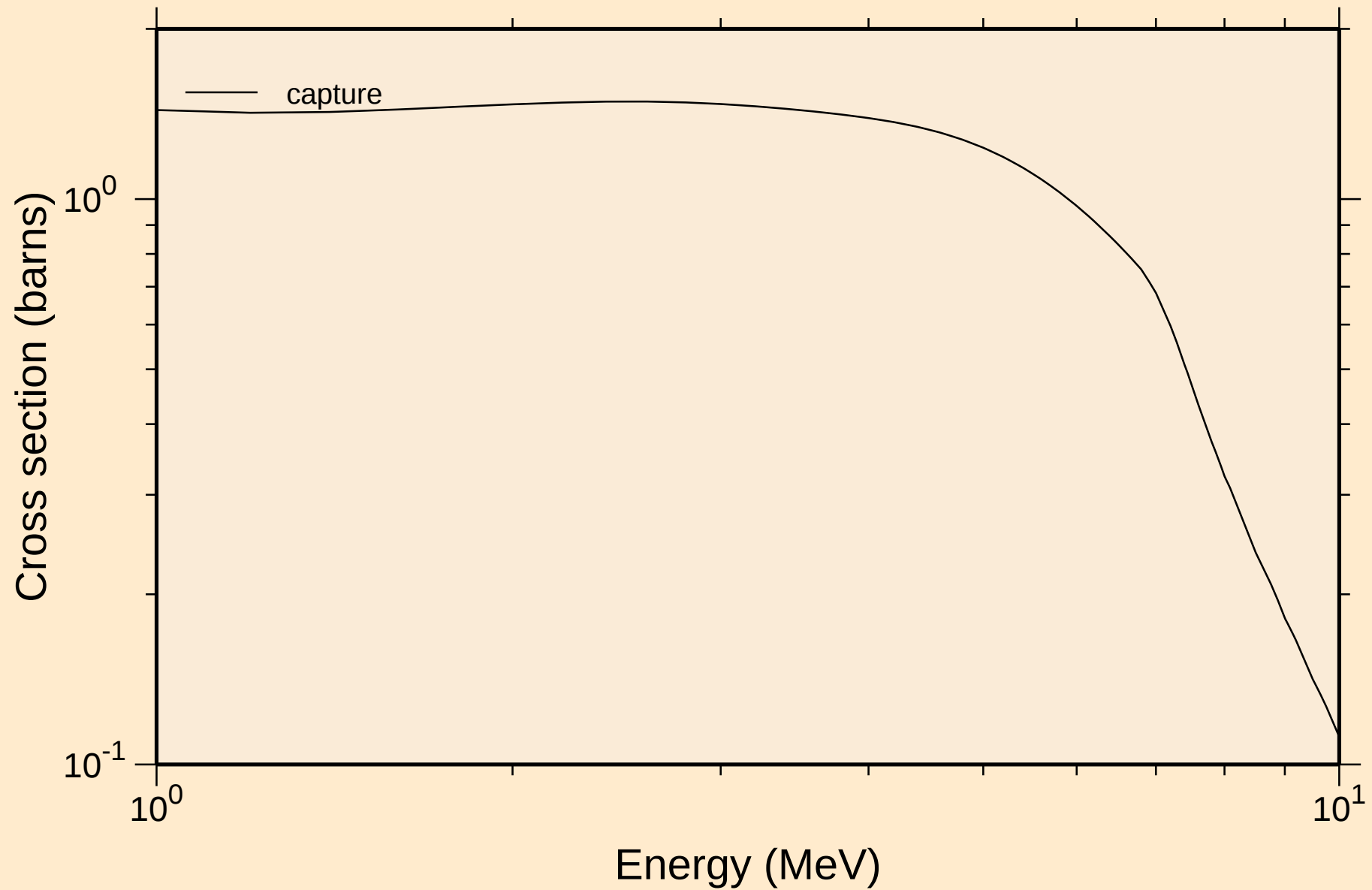
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

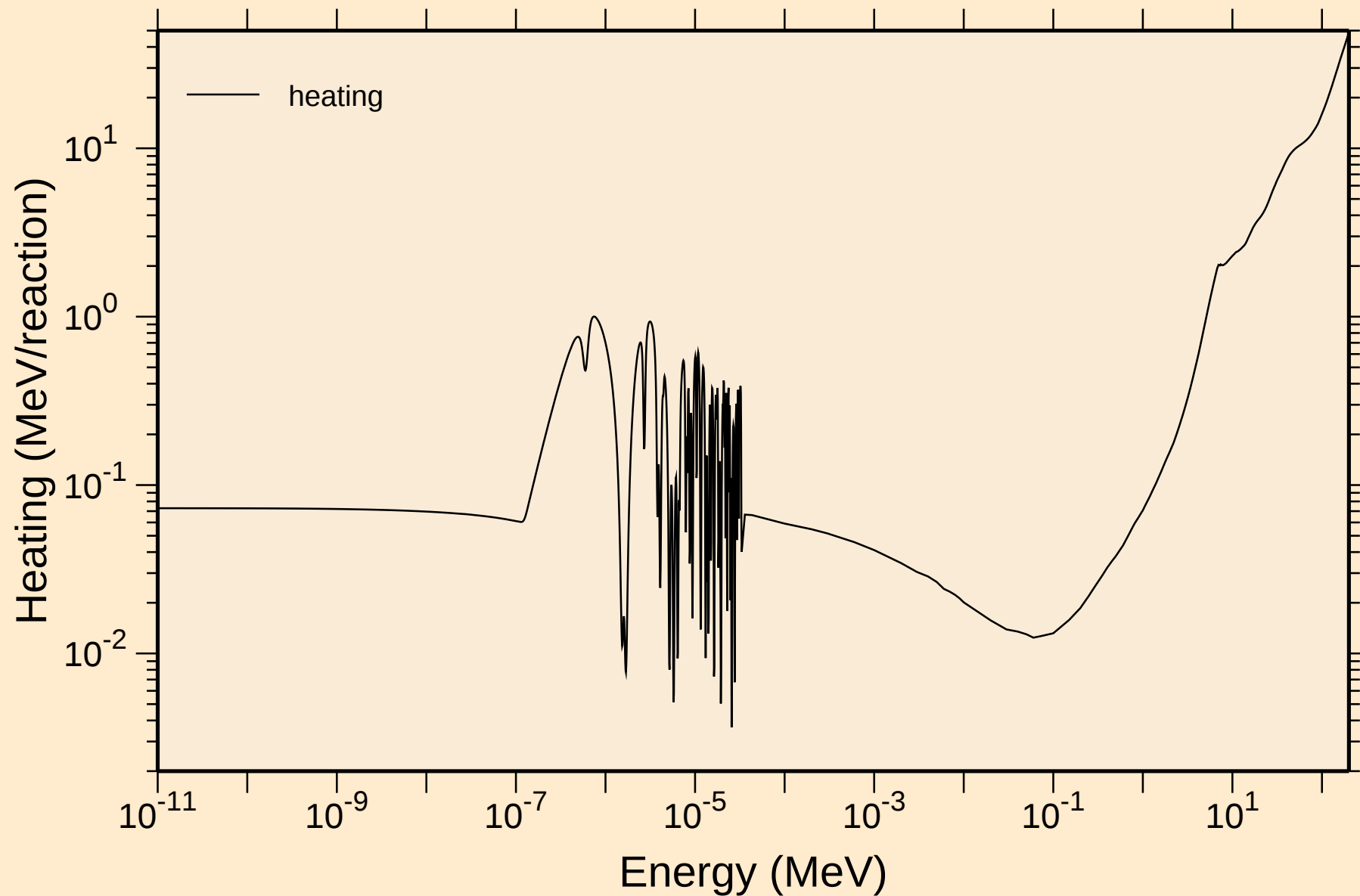


PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



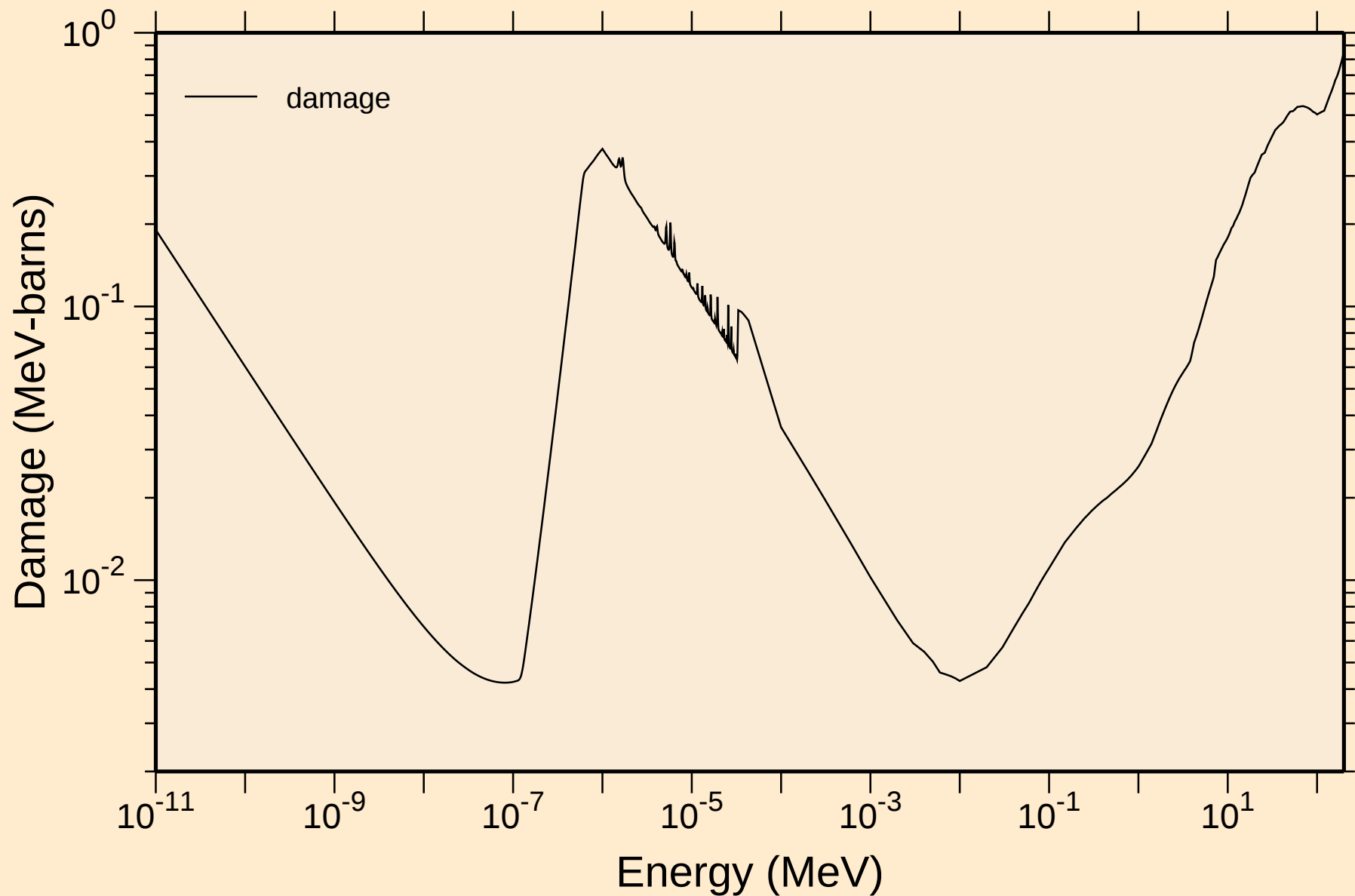
# PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

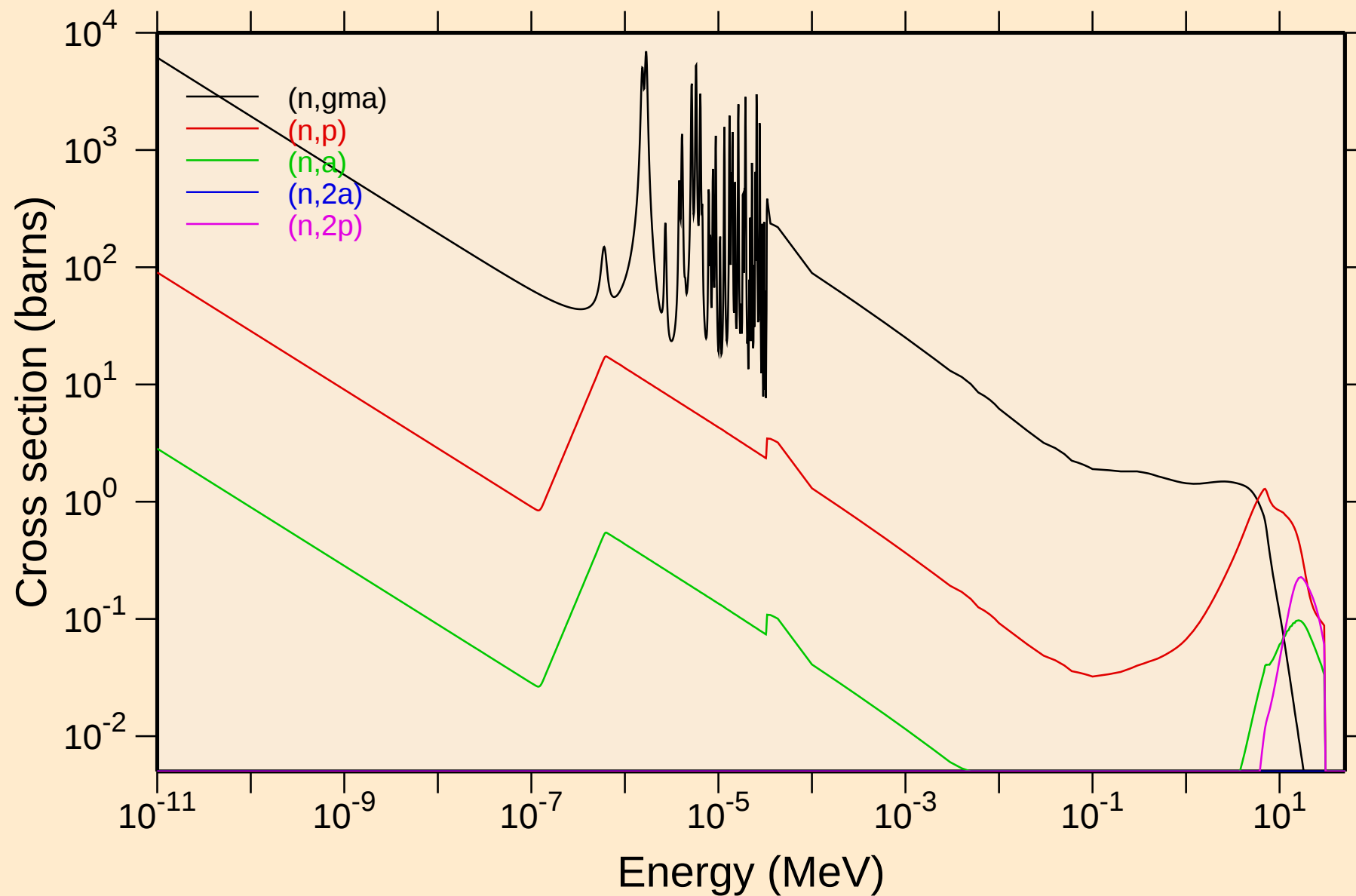


# PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

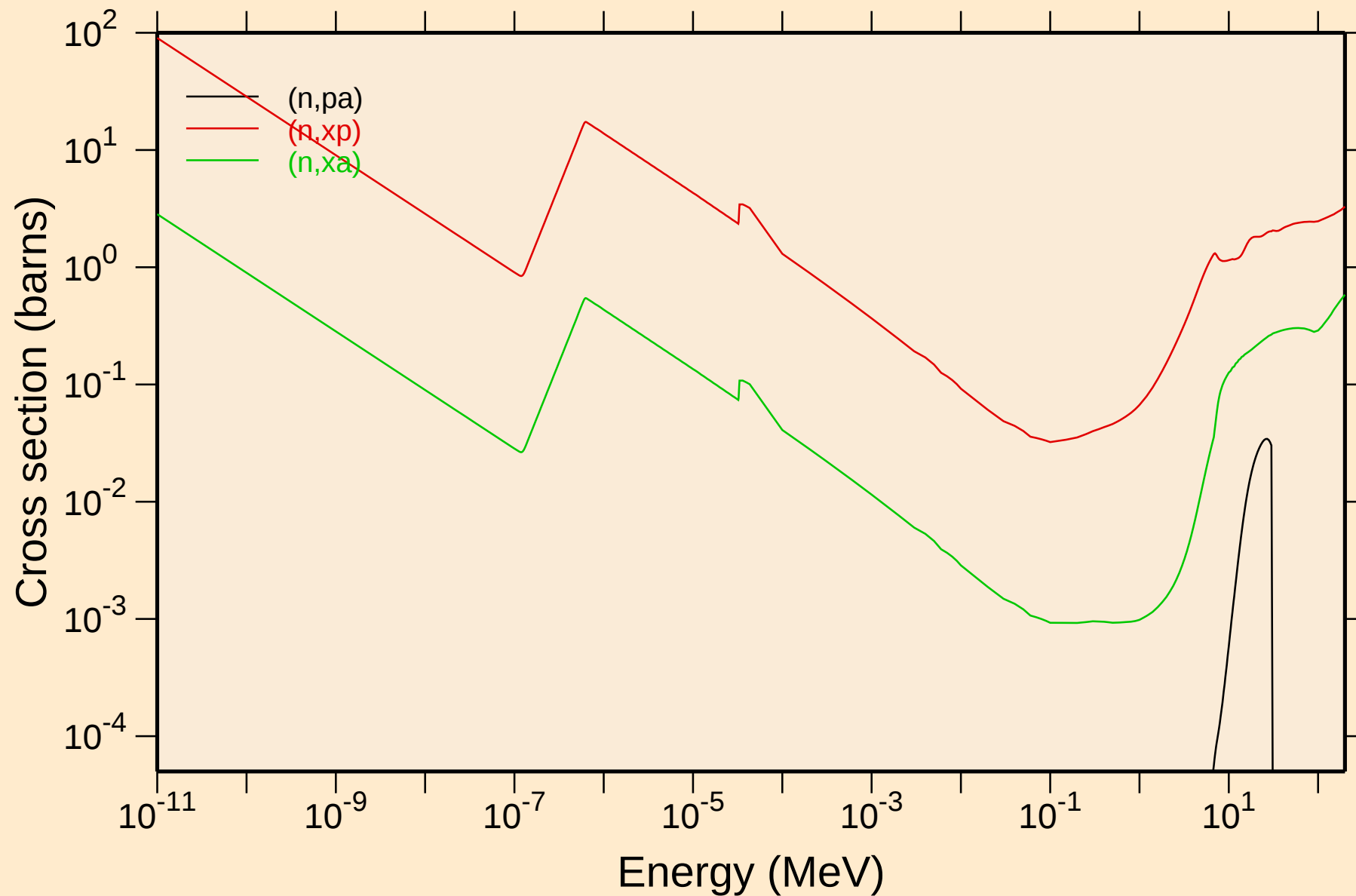
Damage



PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

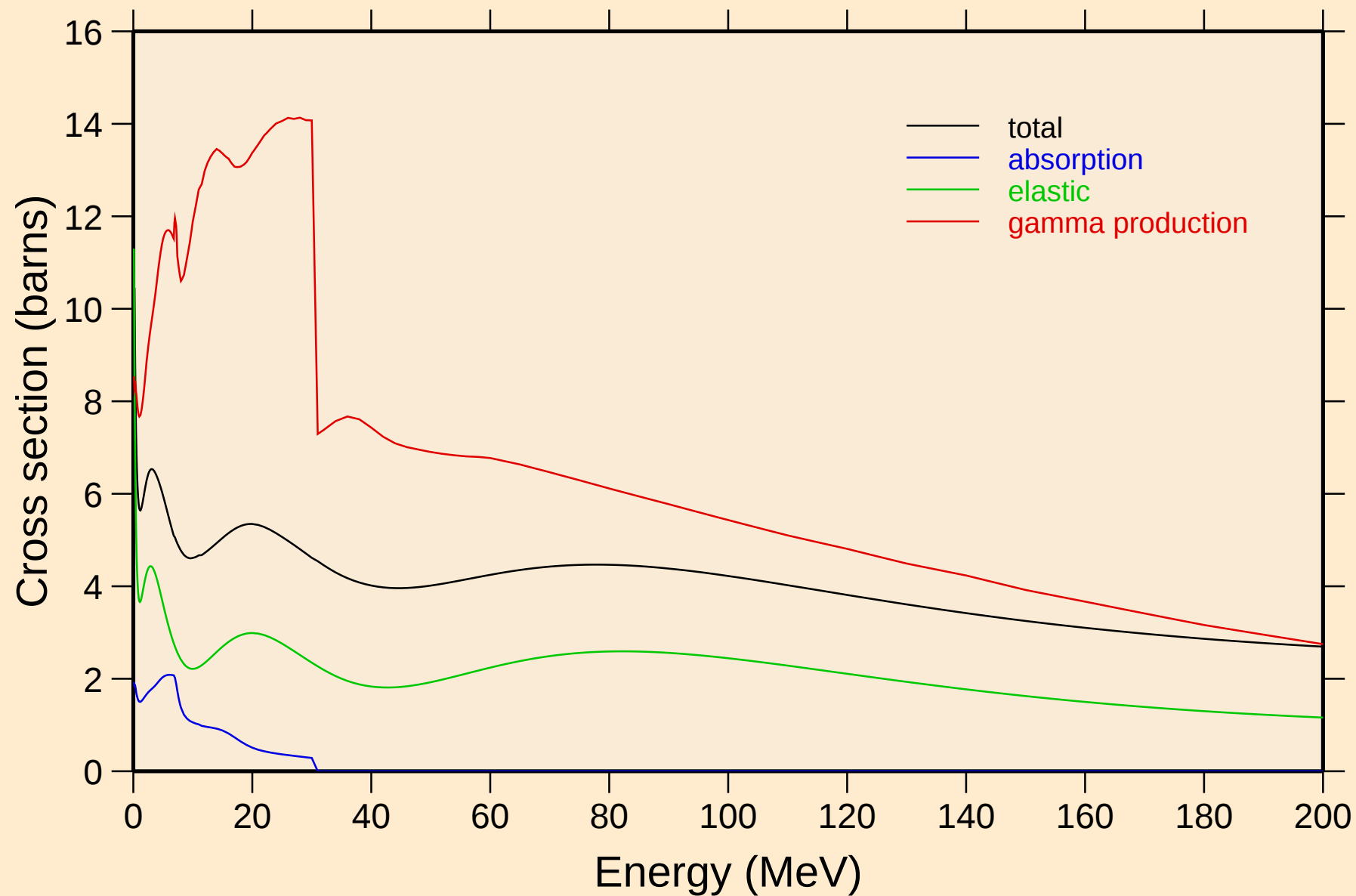


PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



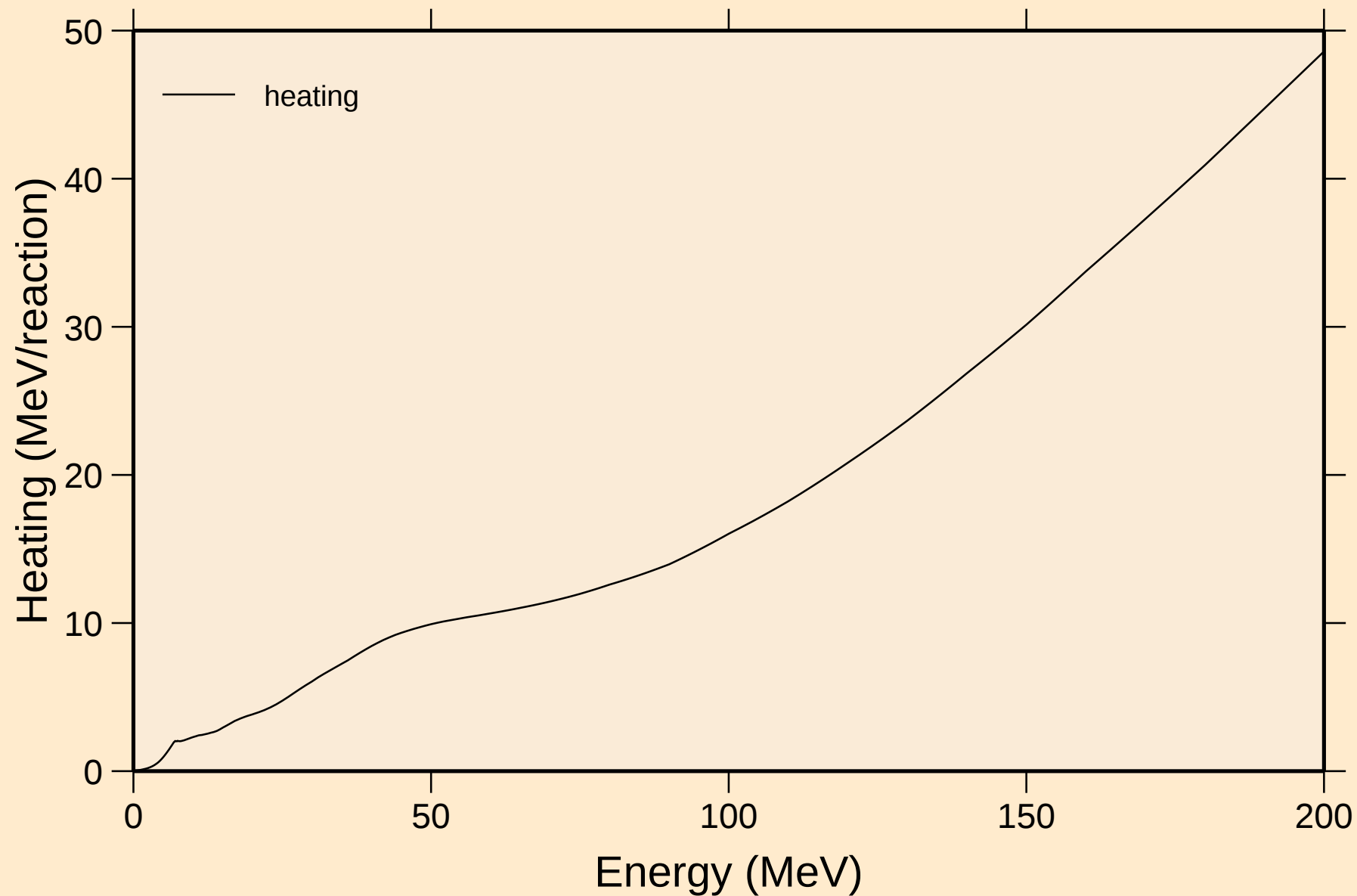
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## Principal cross sections



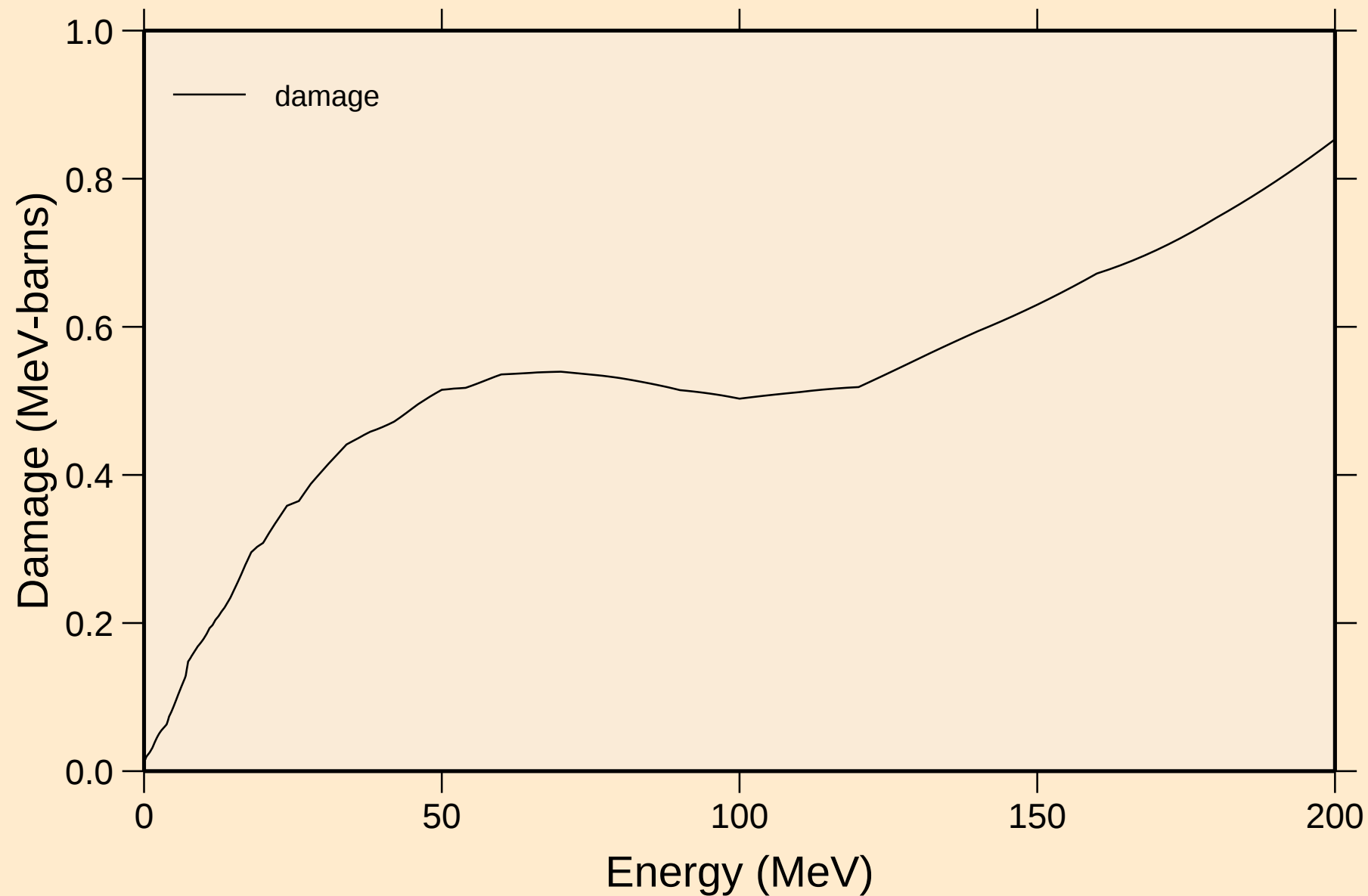
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

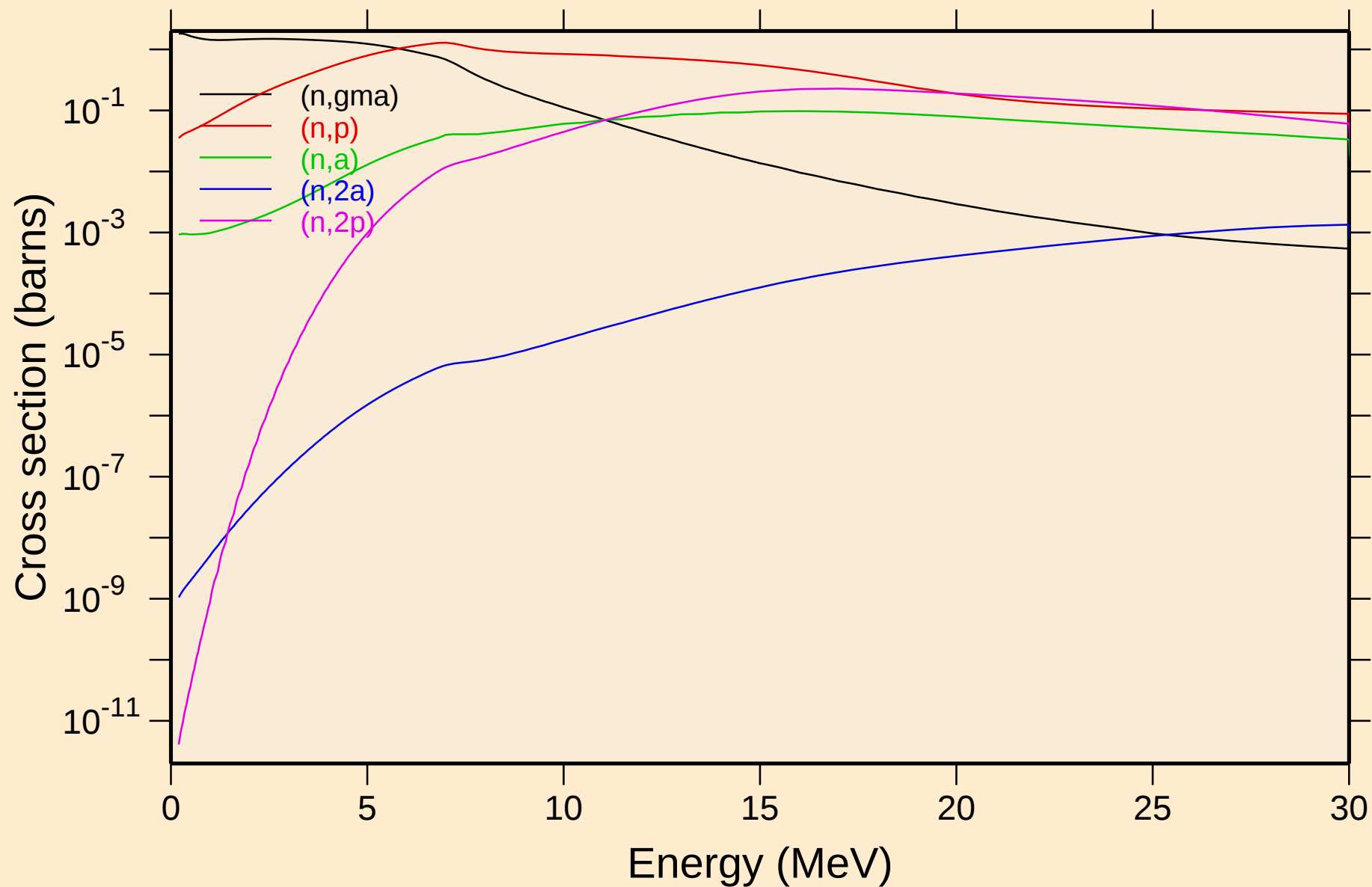


# PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

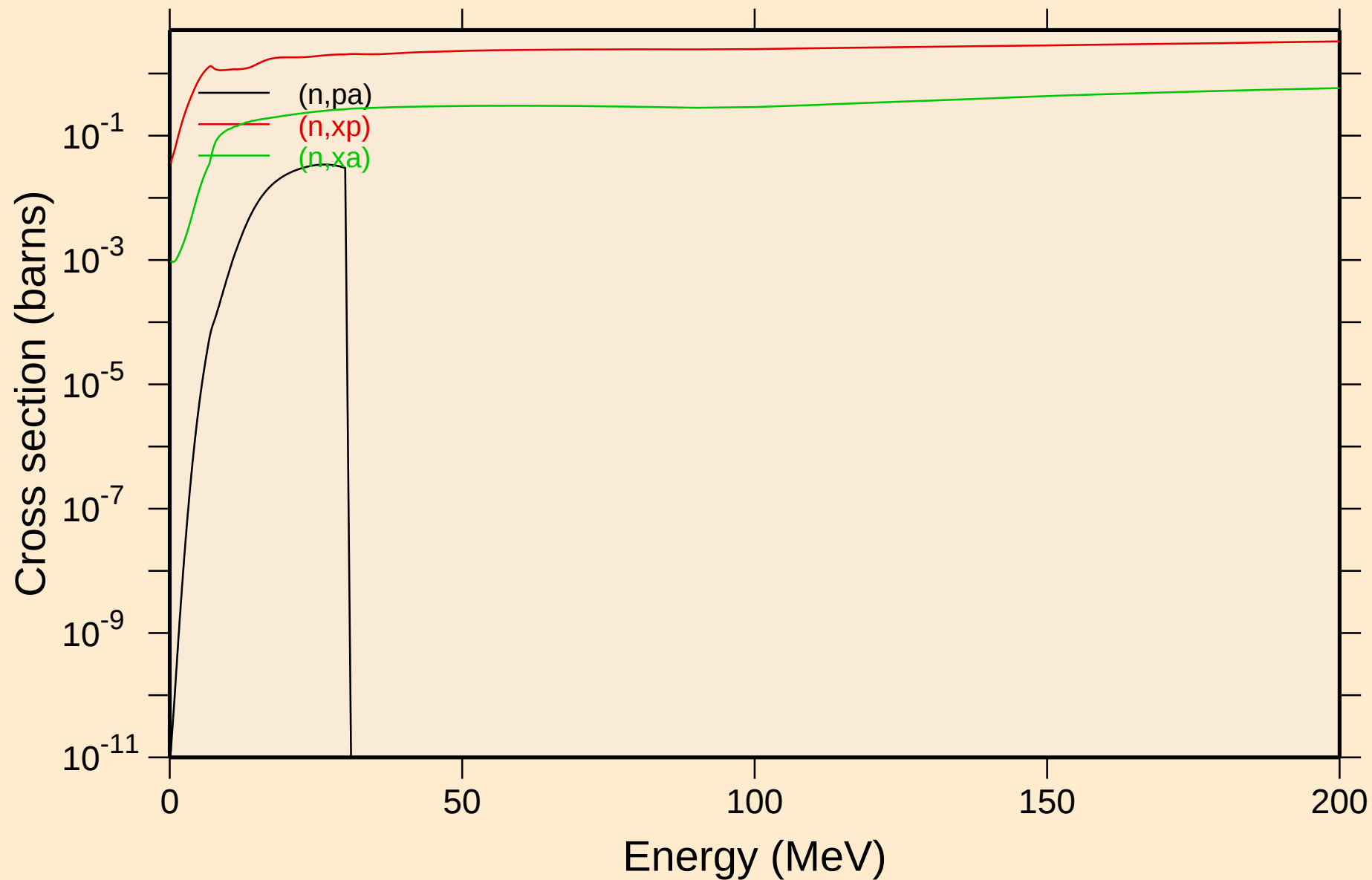
Damage



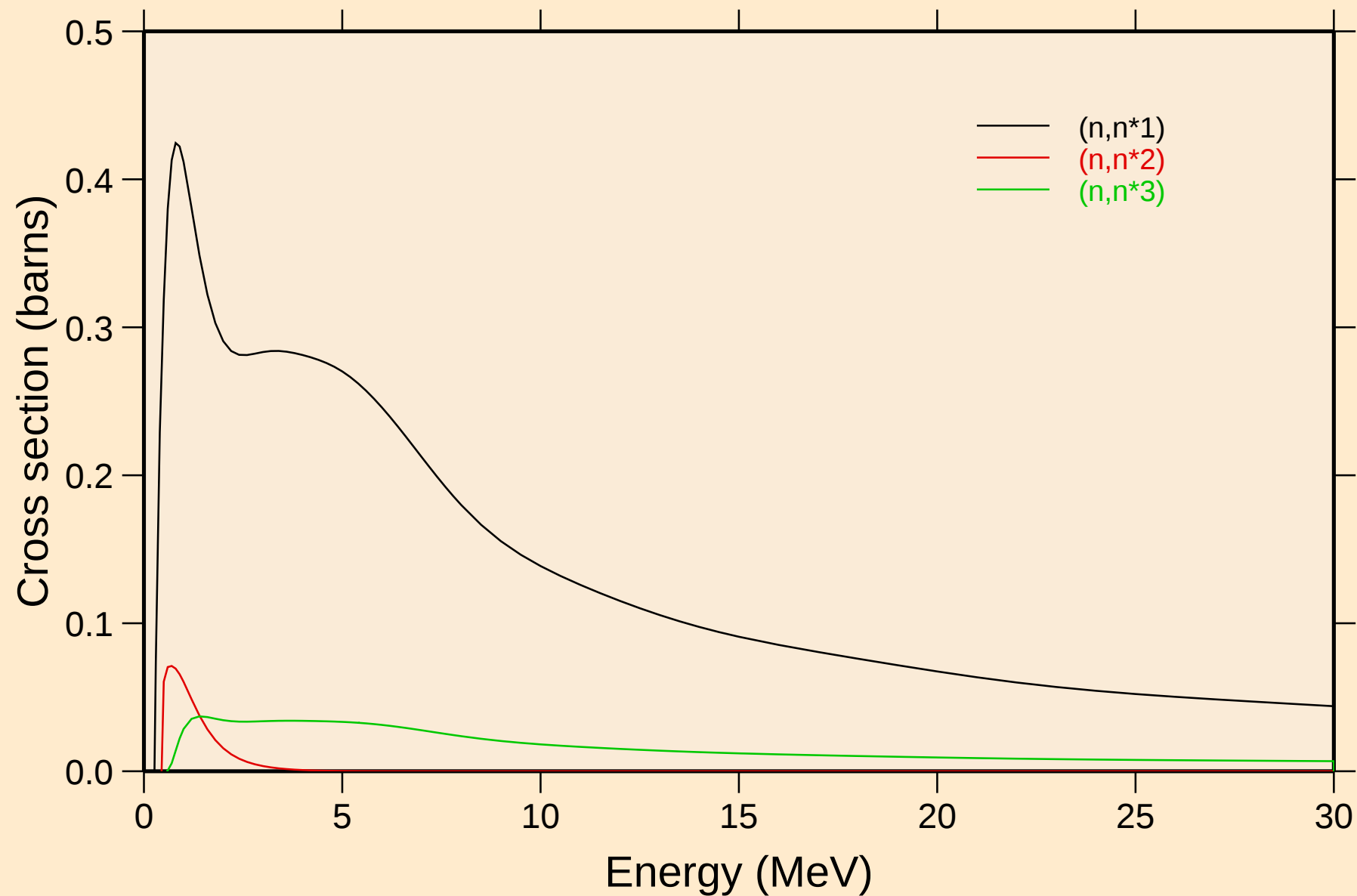
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

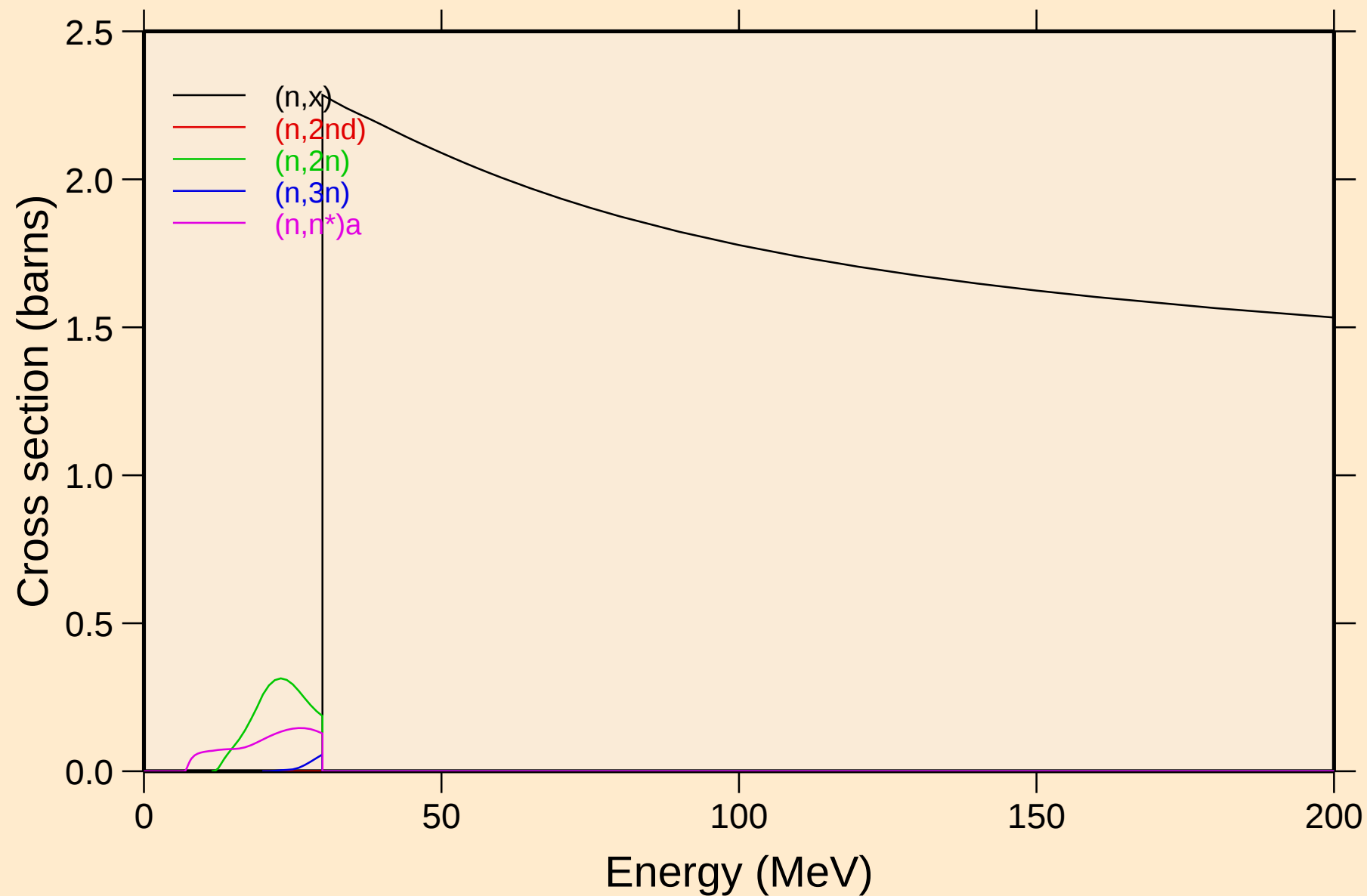


PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

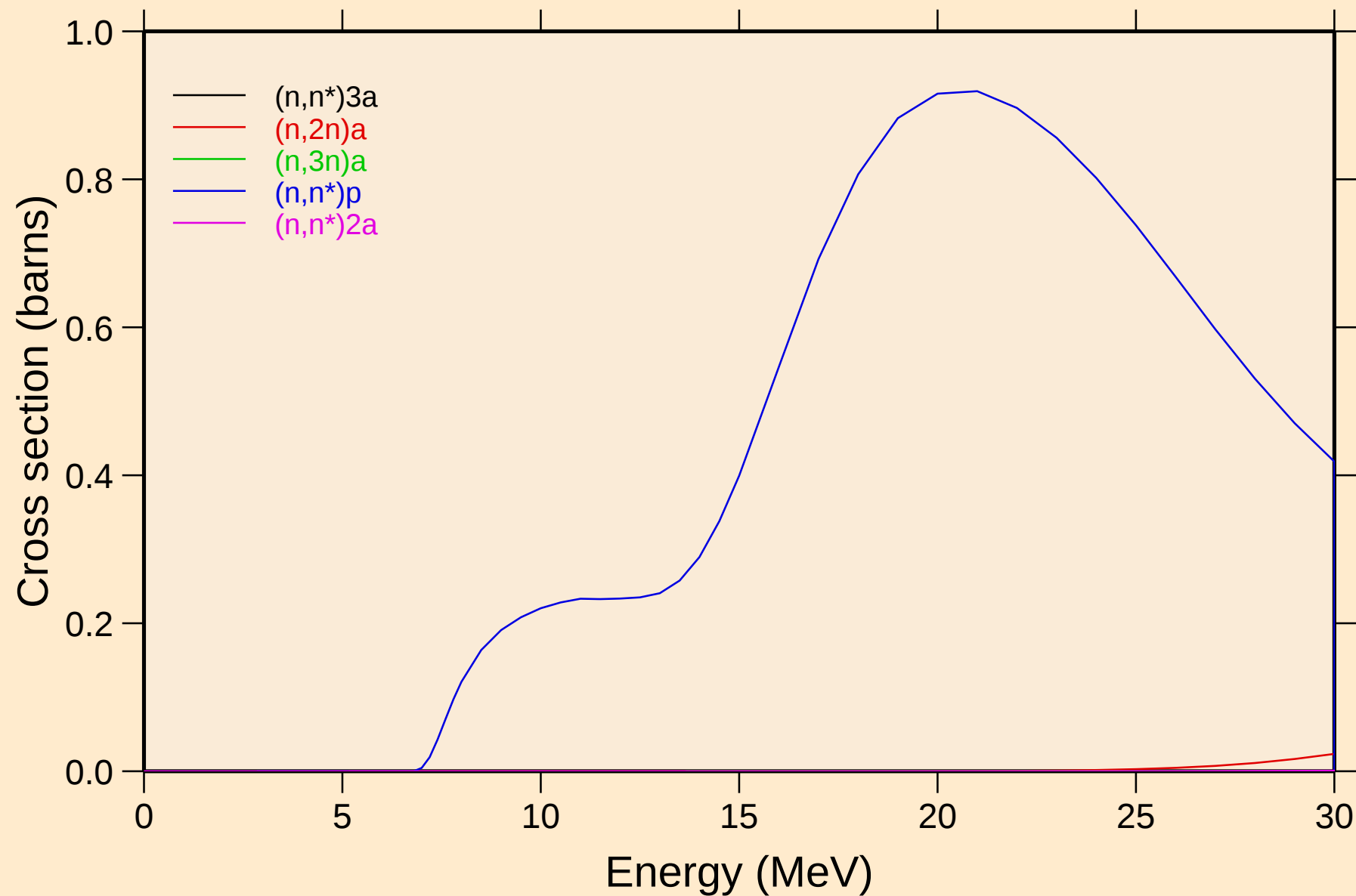


# PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

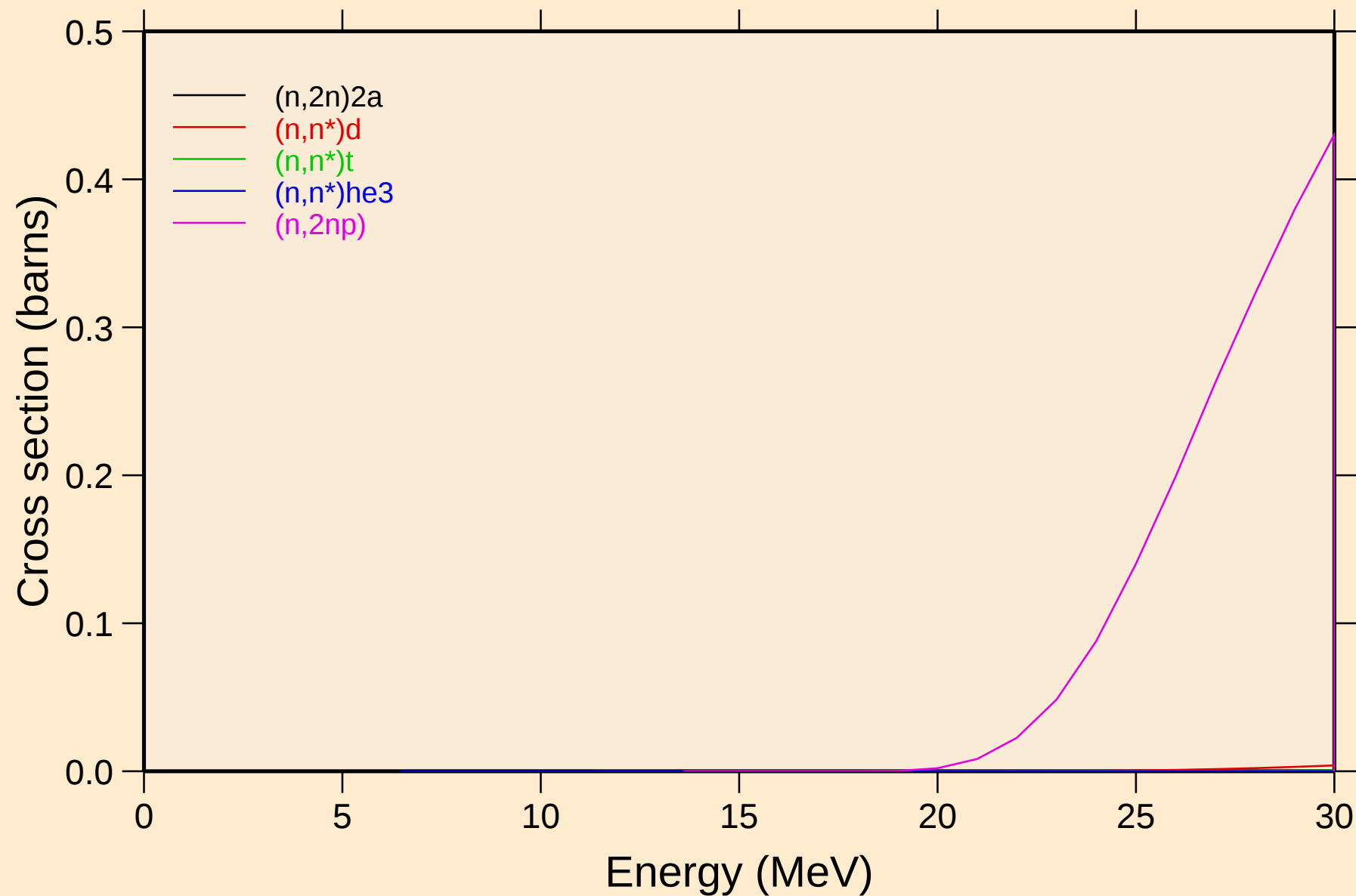
## Threshold reactions



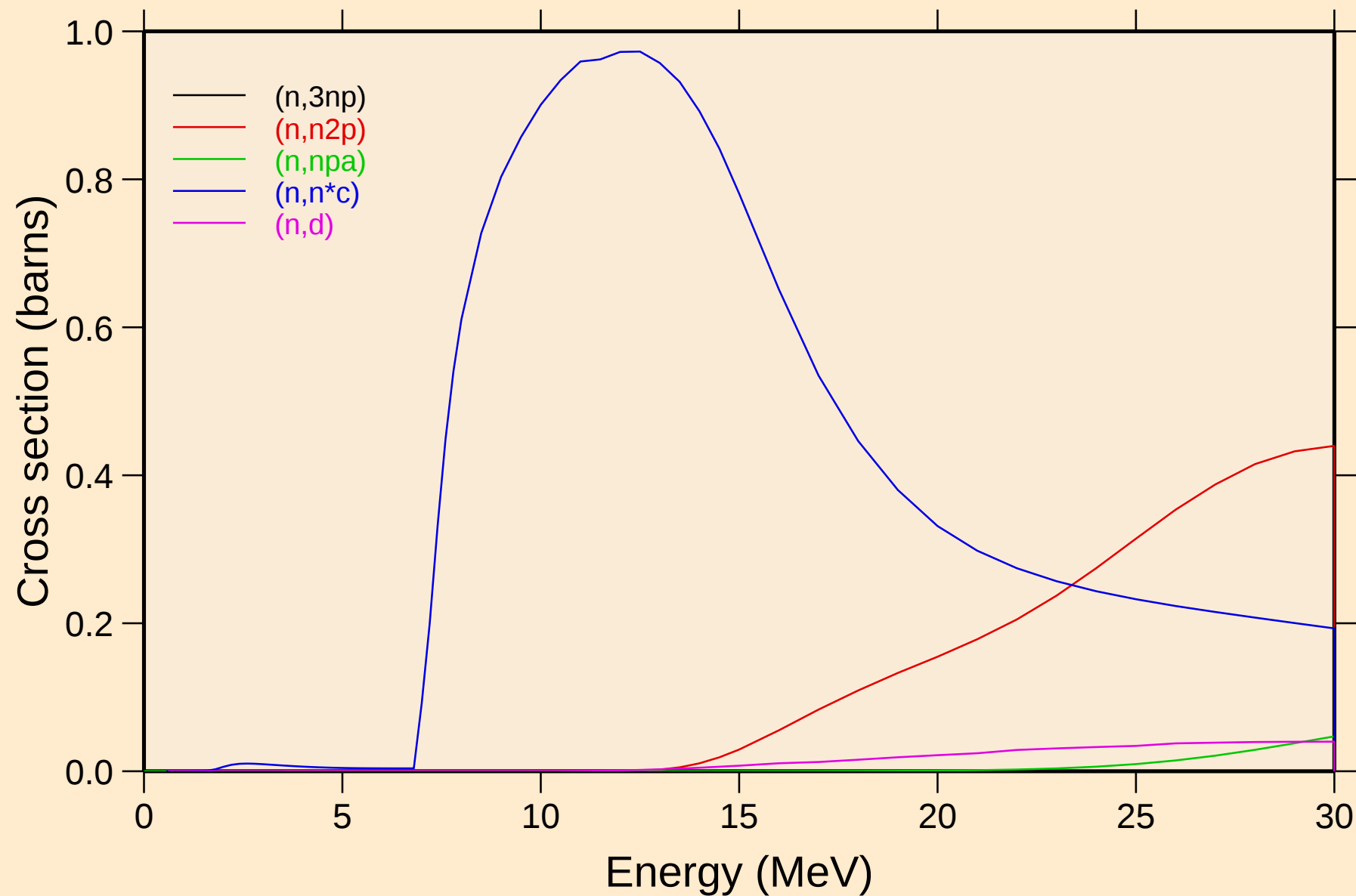
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

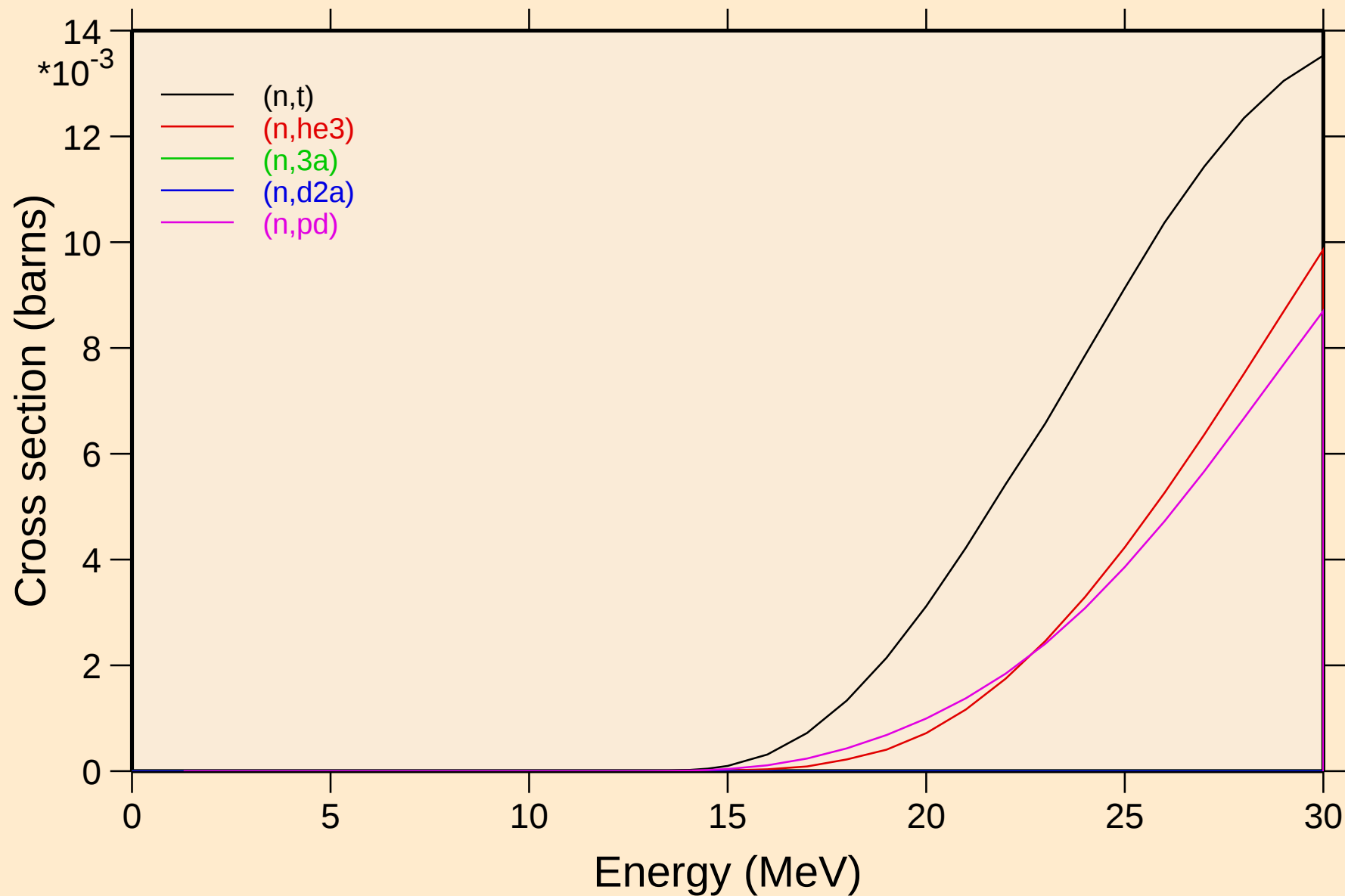


PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

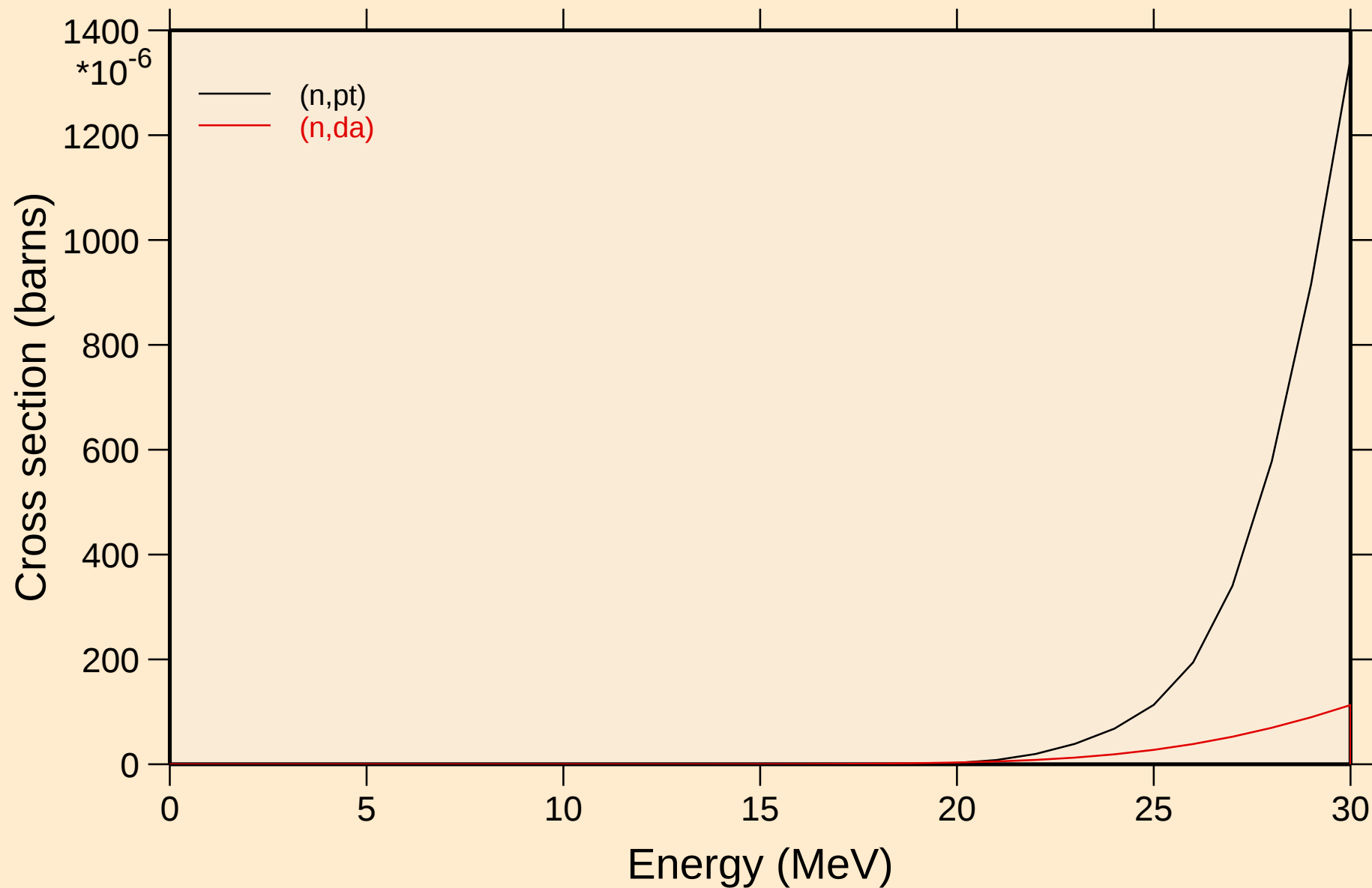


# PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

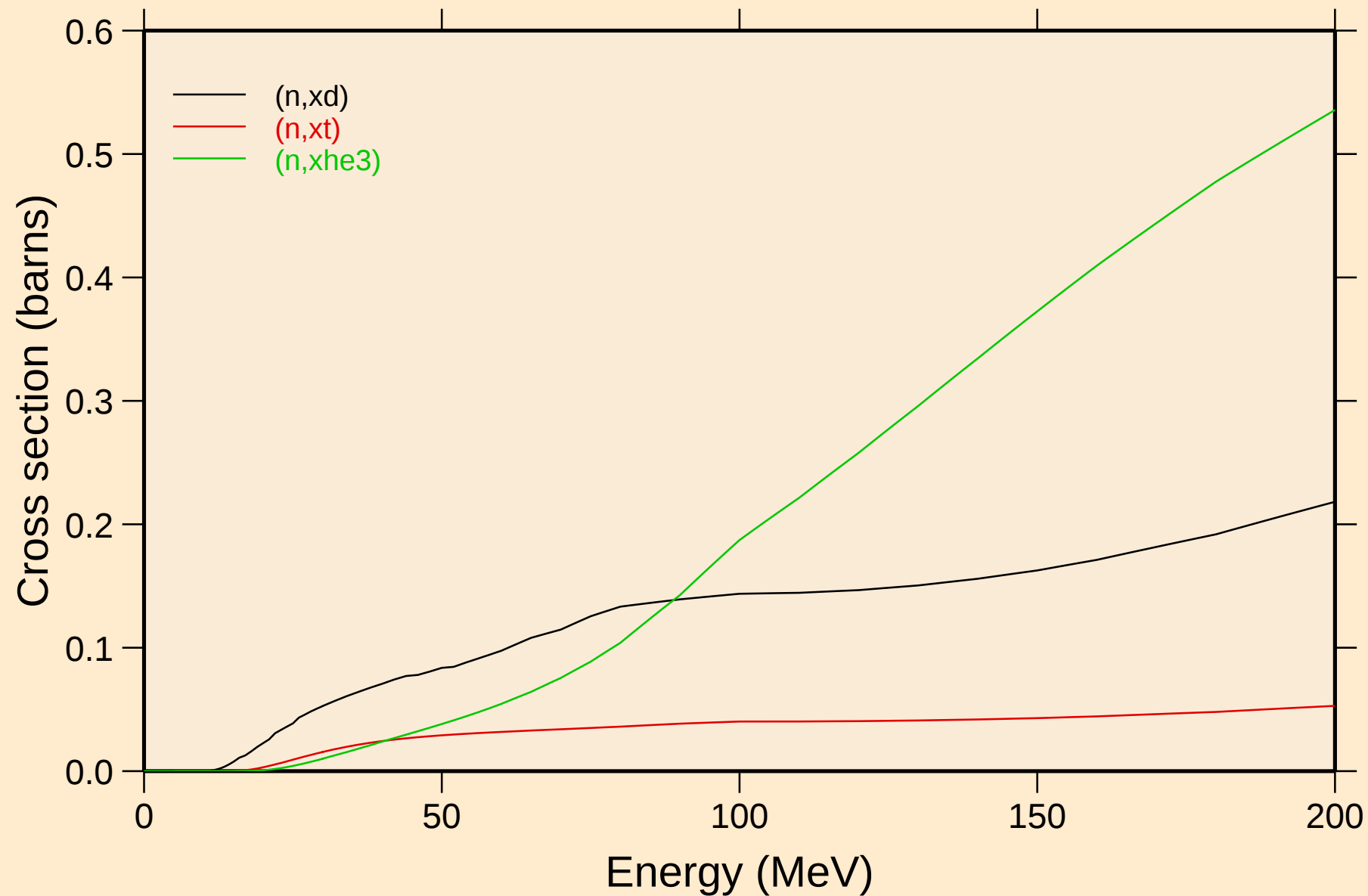
## Threshold reactions



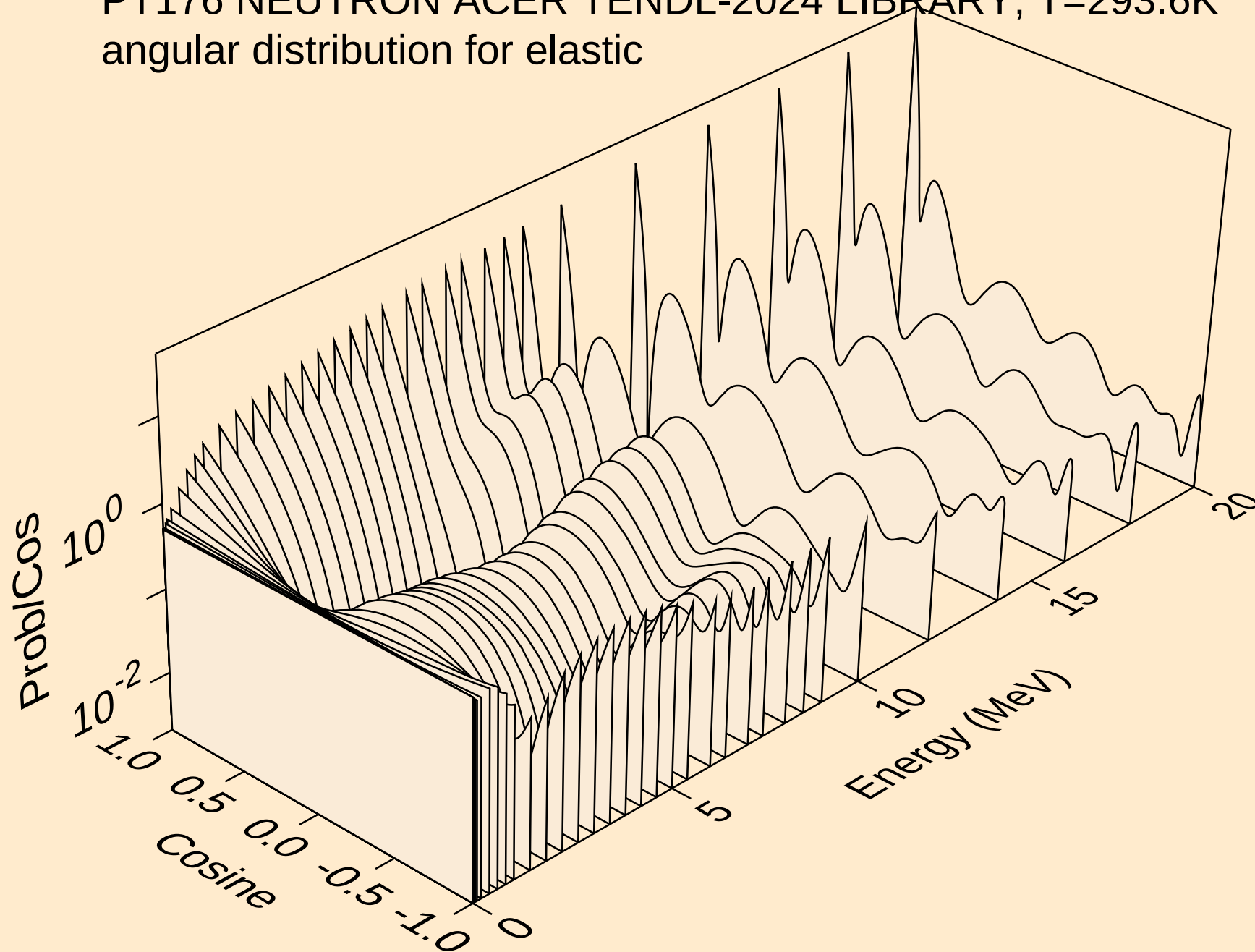
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



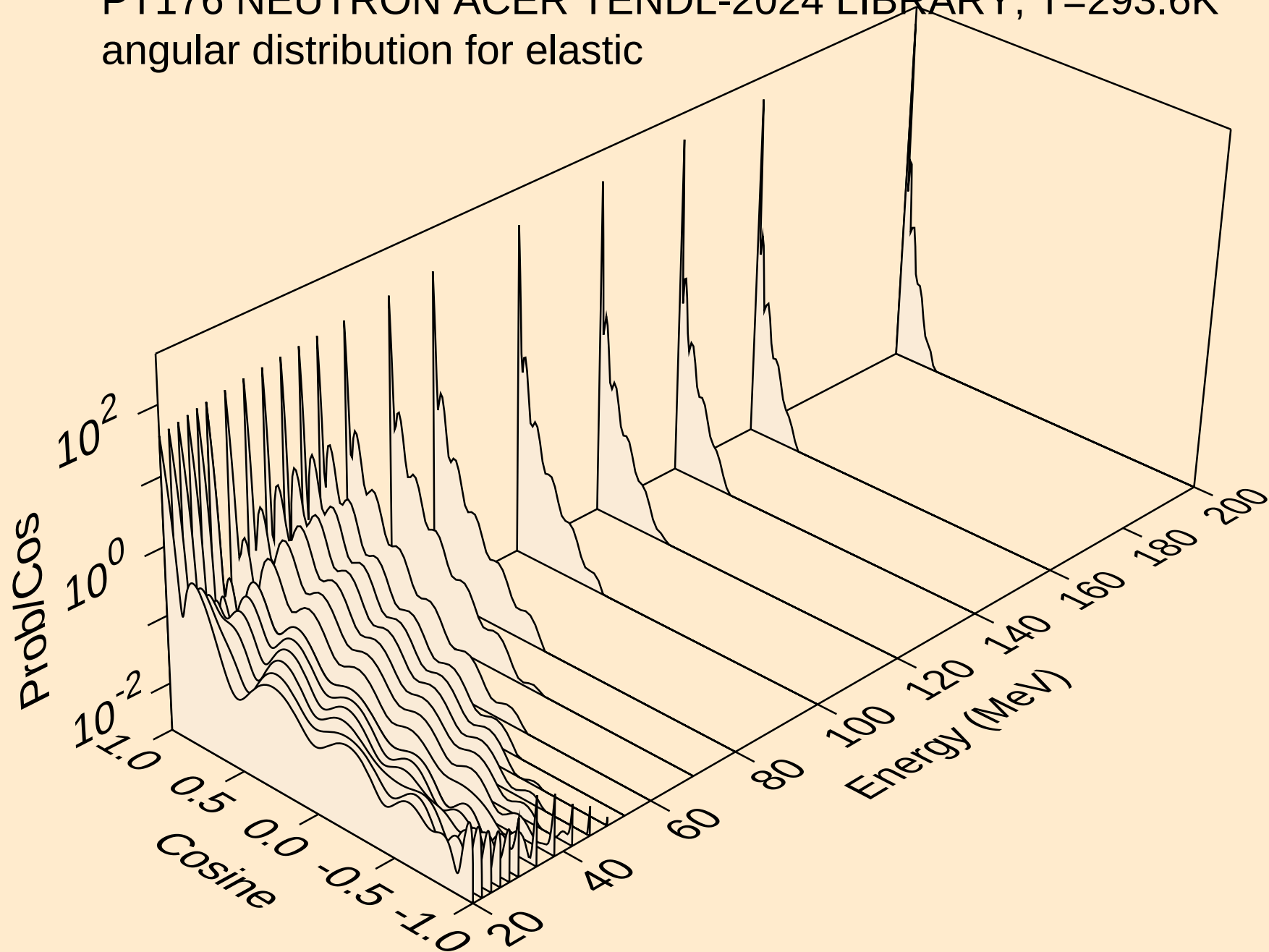
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



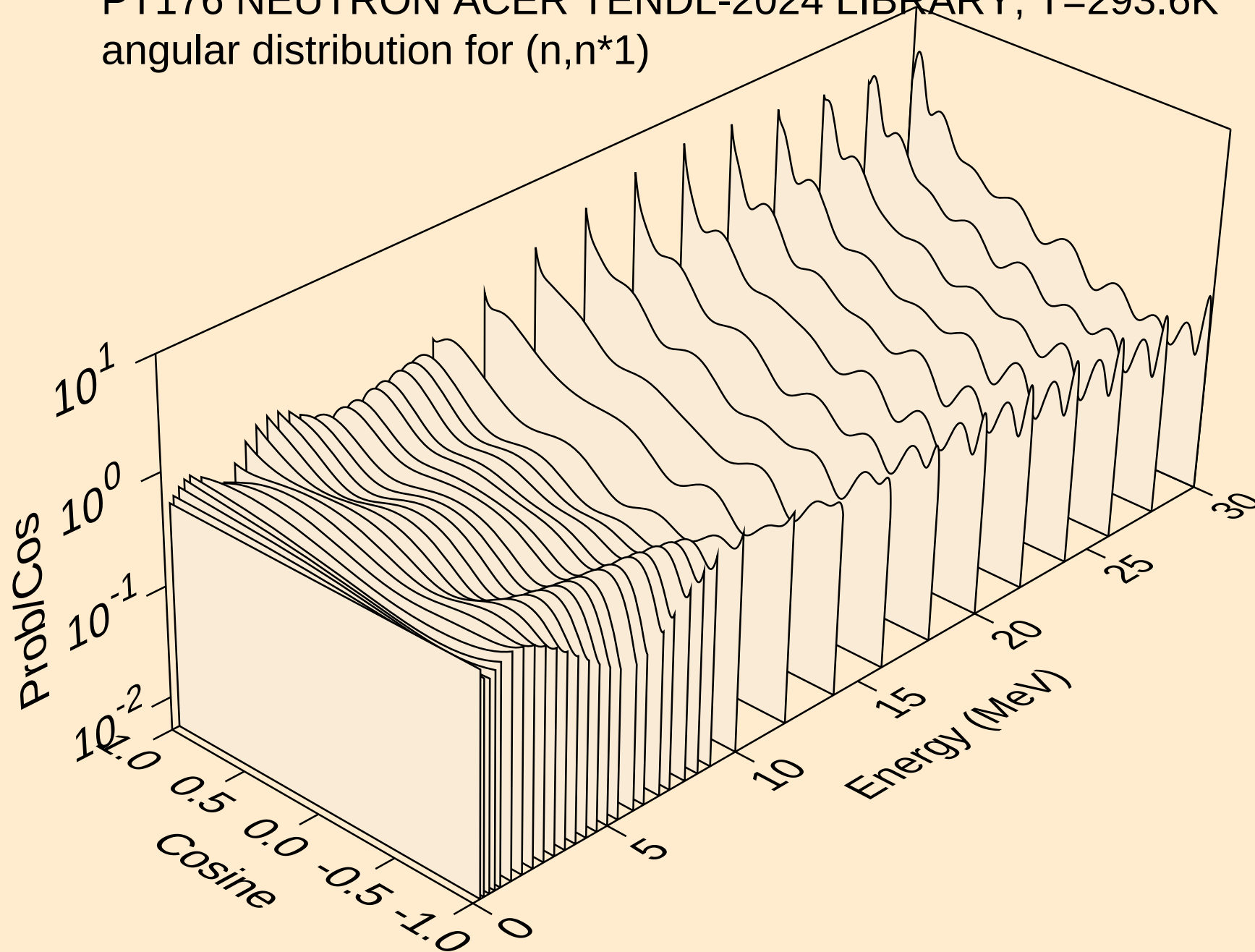
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



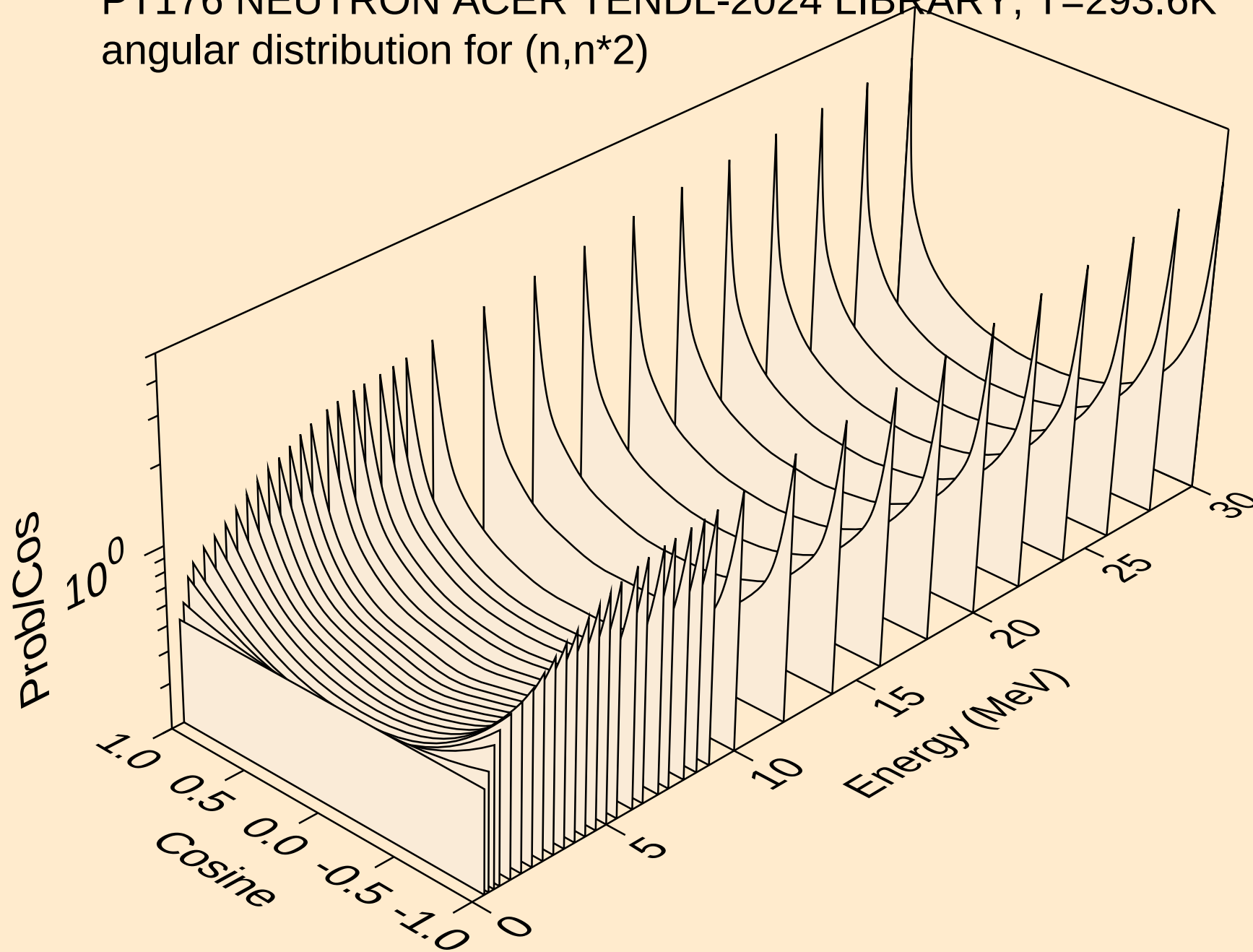
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



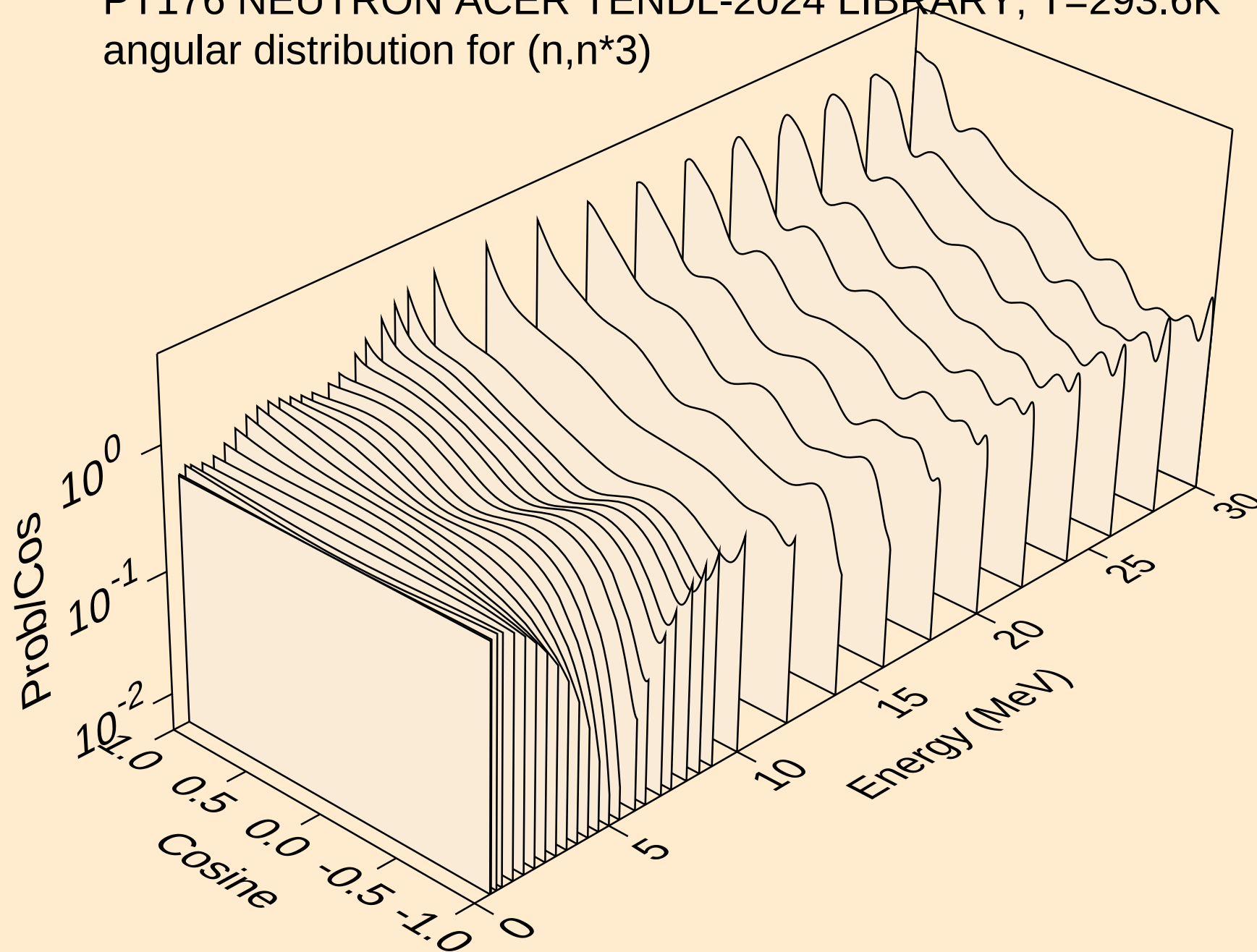
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



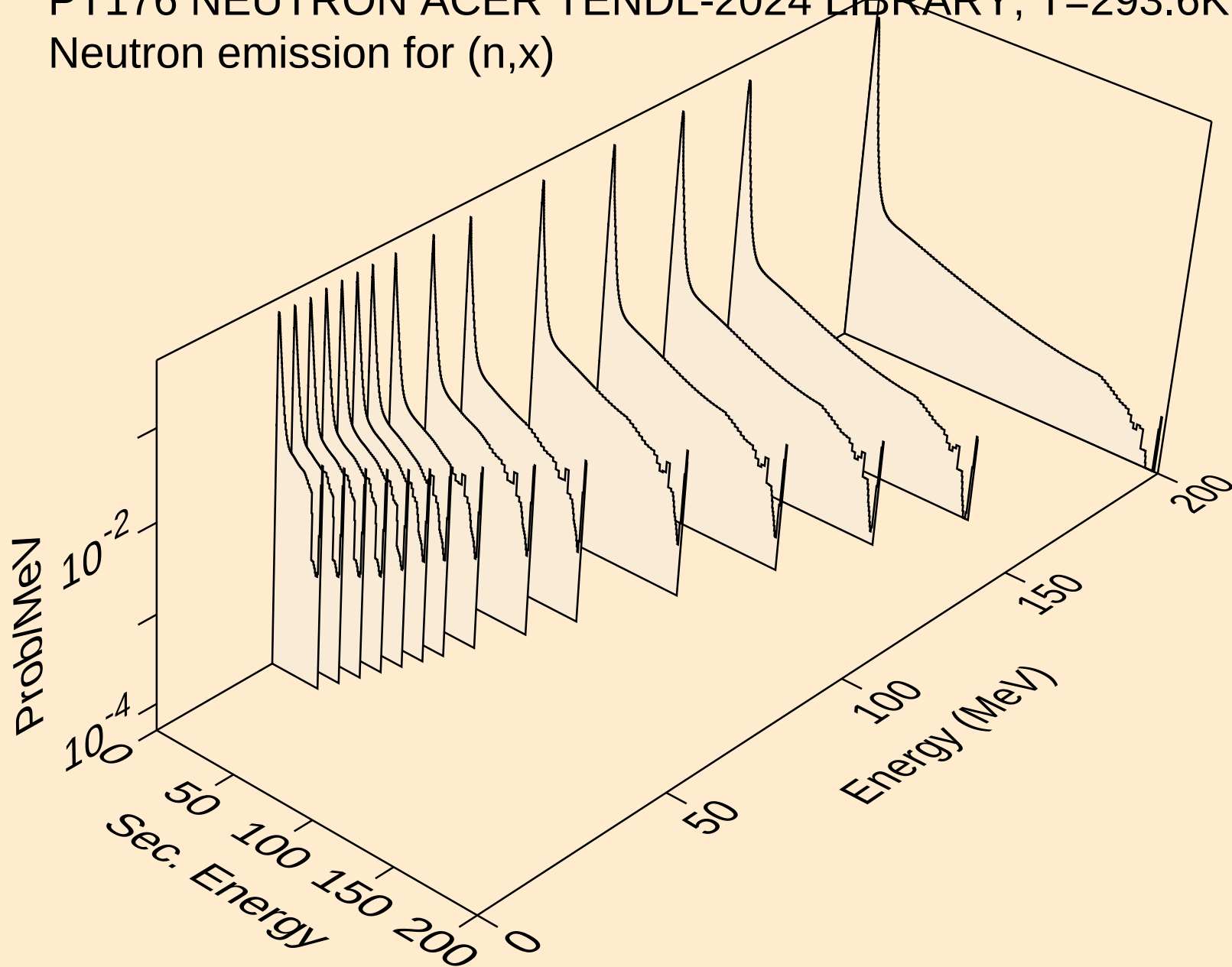
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angular distribution for (n,n\*2)



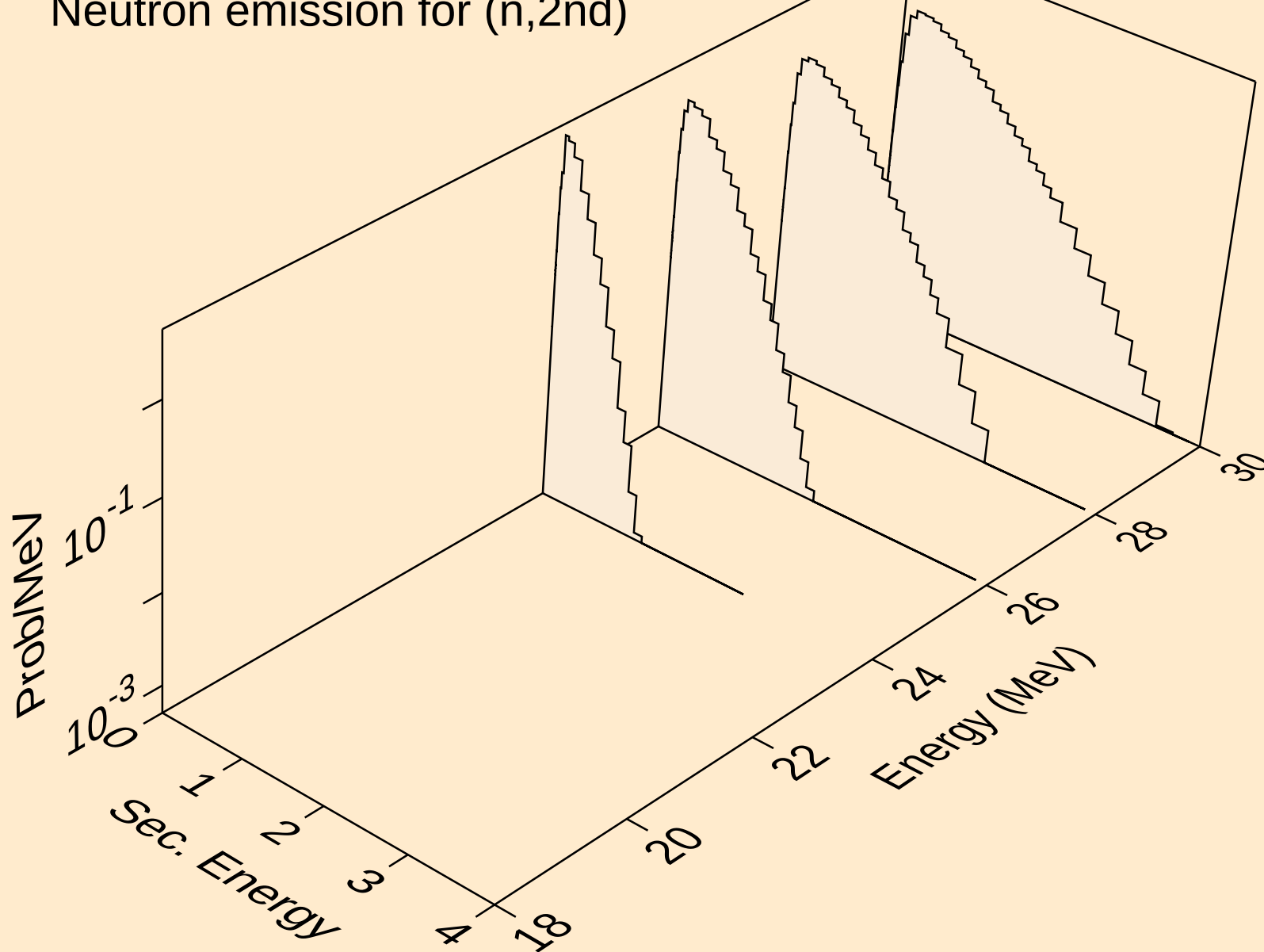
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



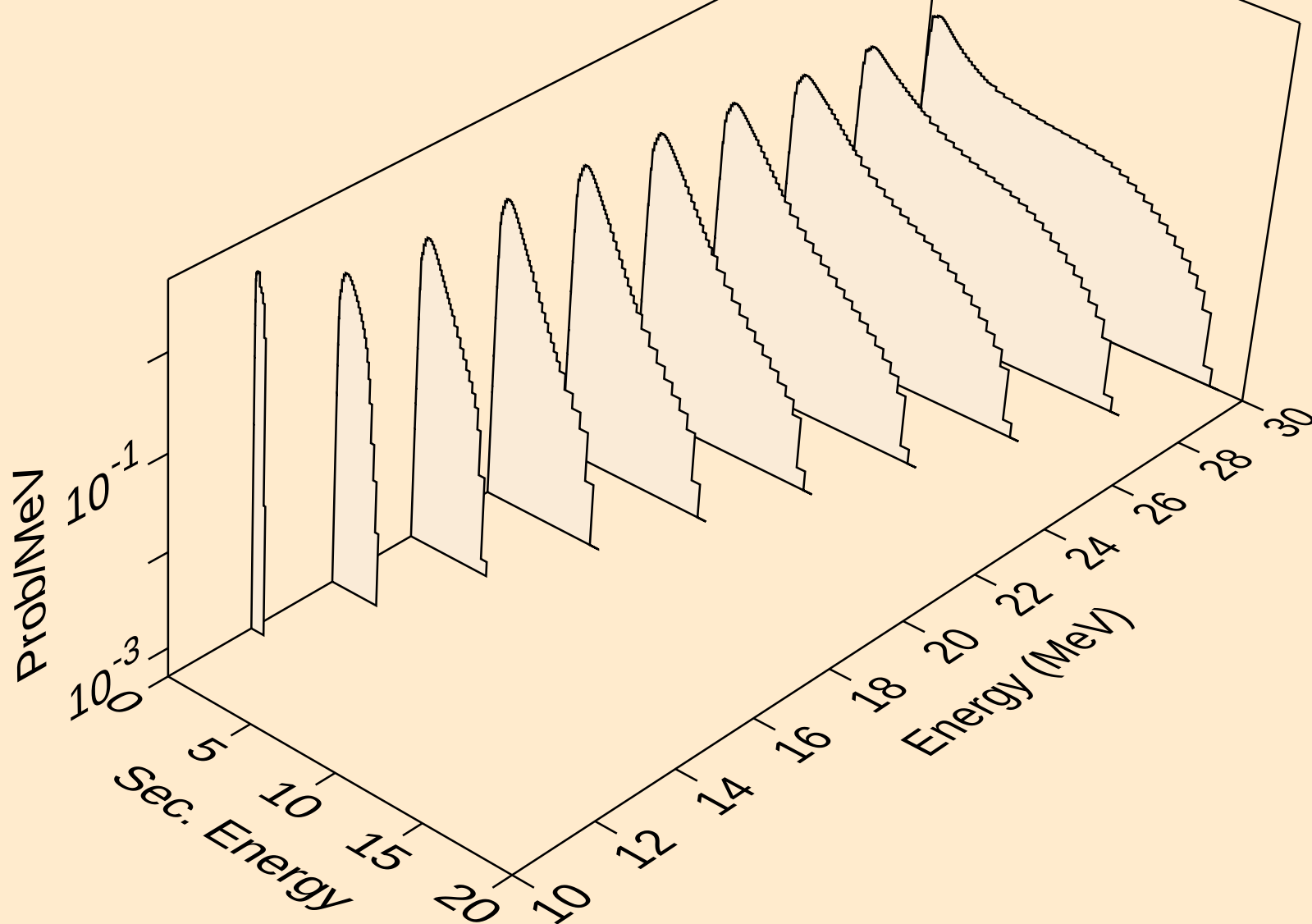
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



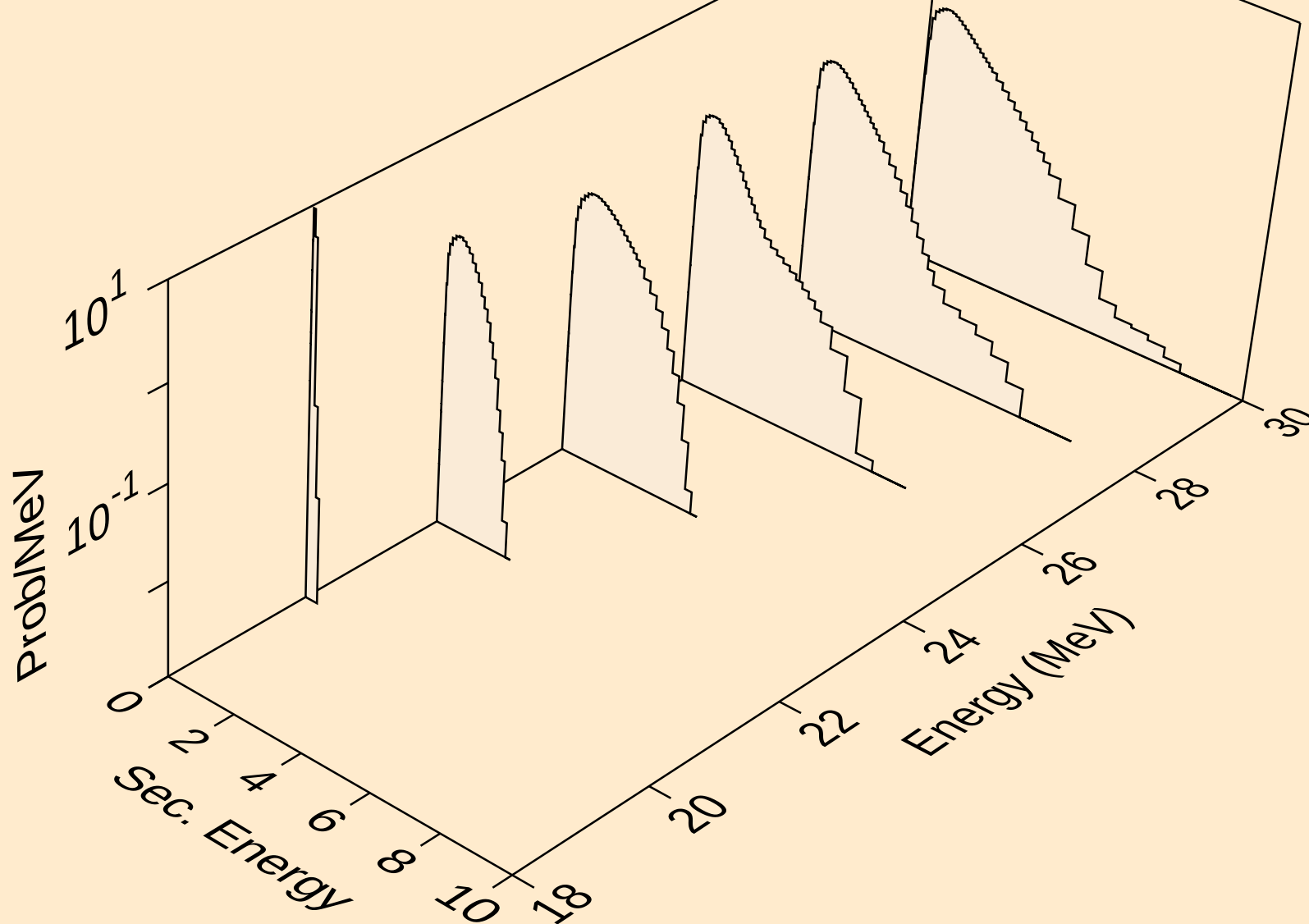
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



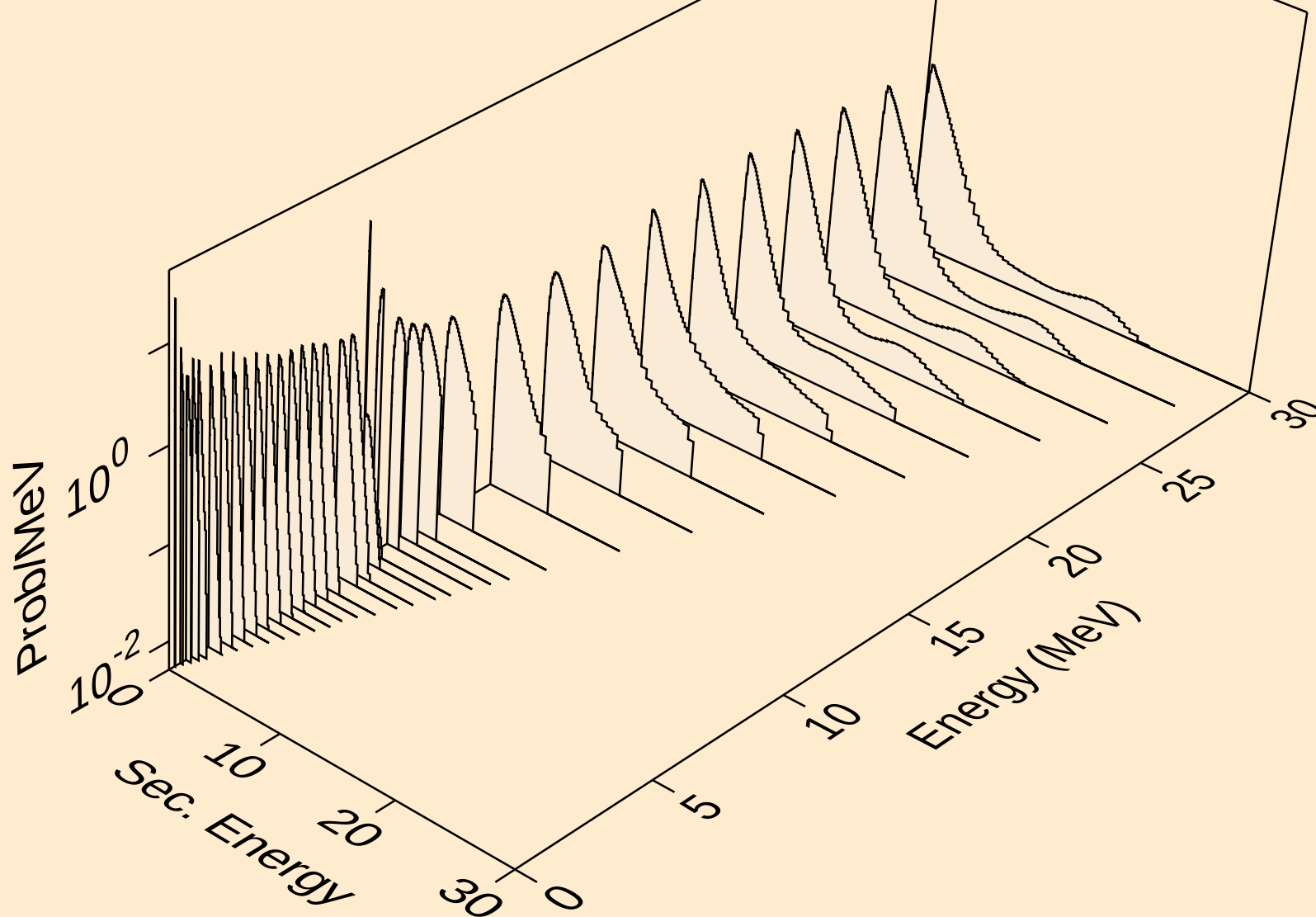
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Neutron emission for (n,2n)



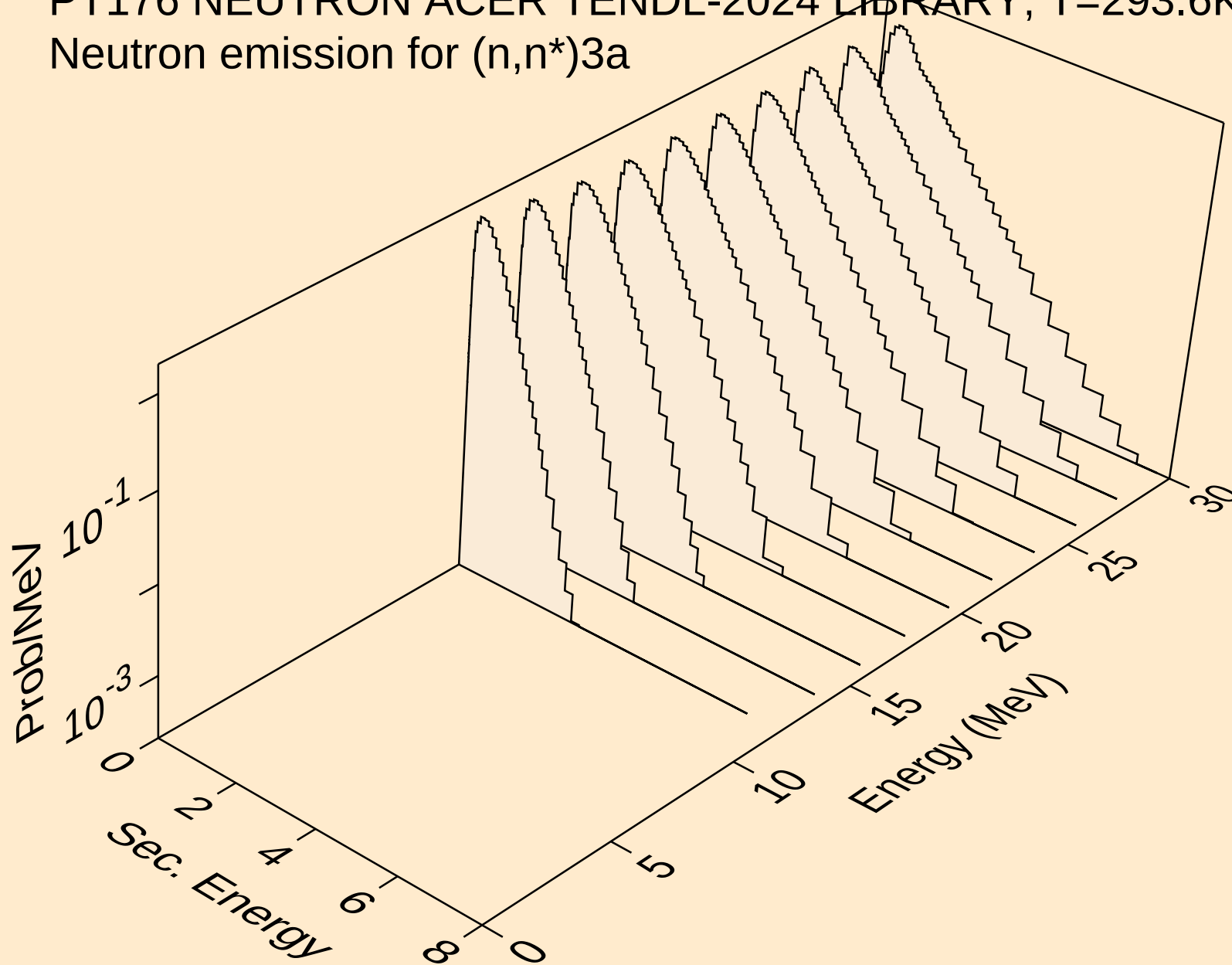
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Neutron emission for (n,3n)



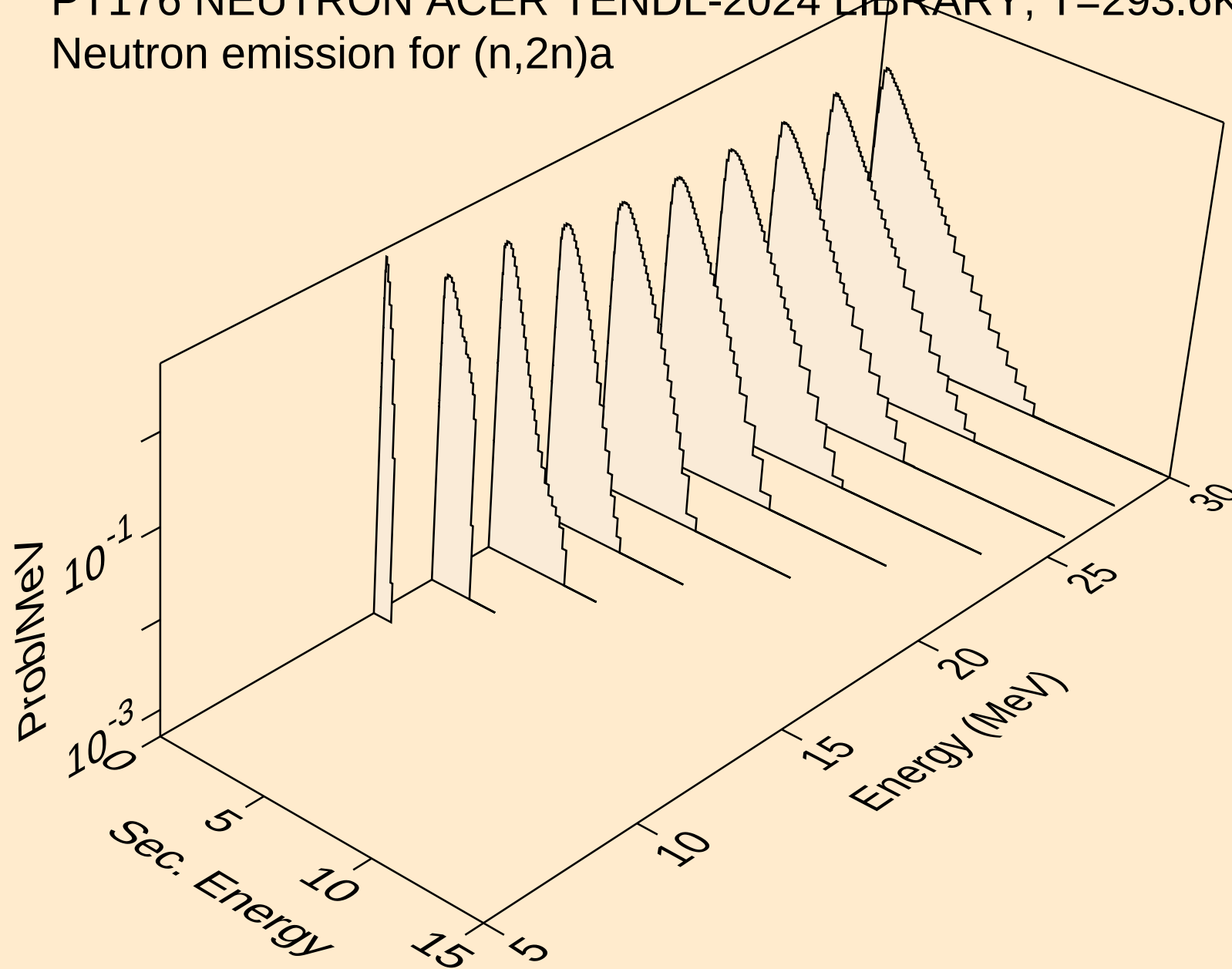
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



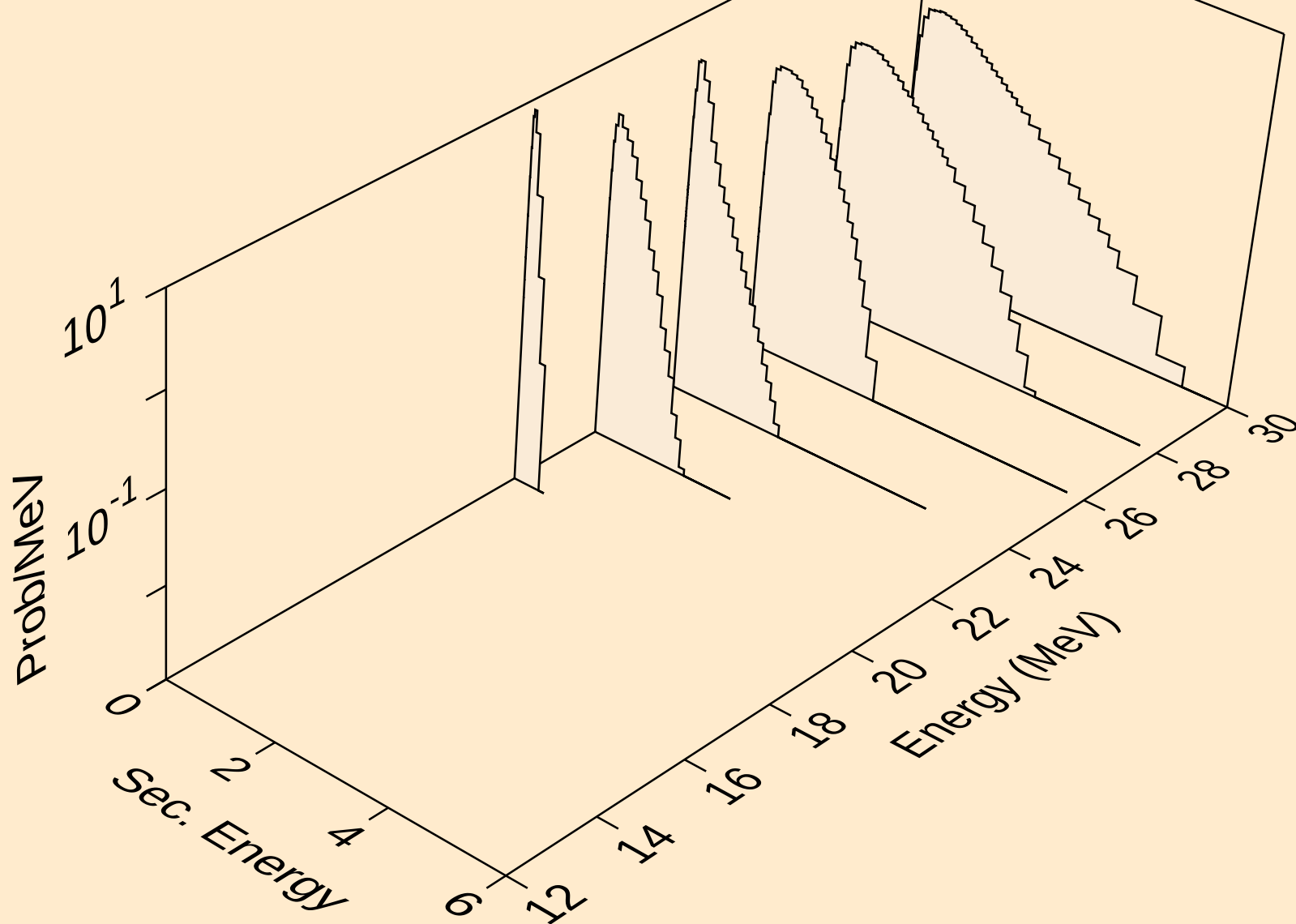
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)<sup>3</sup>a



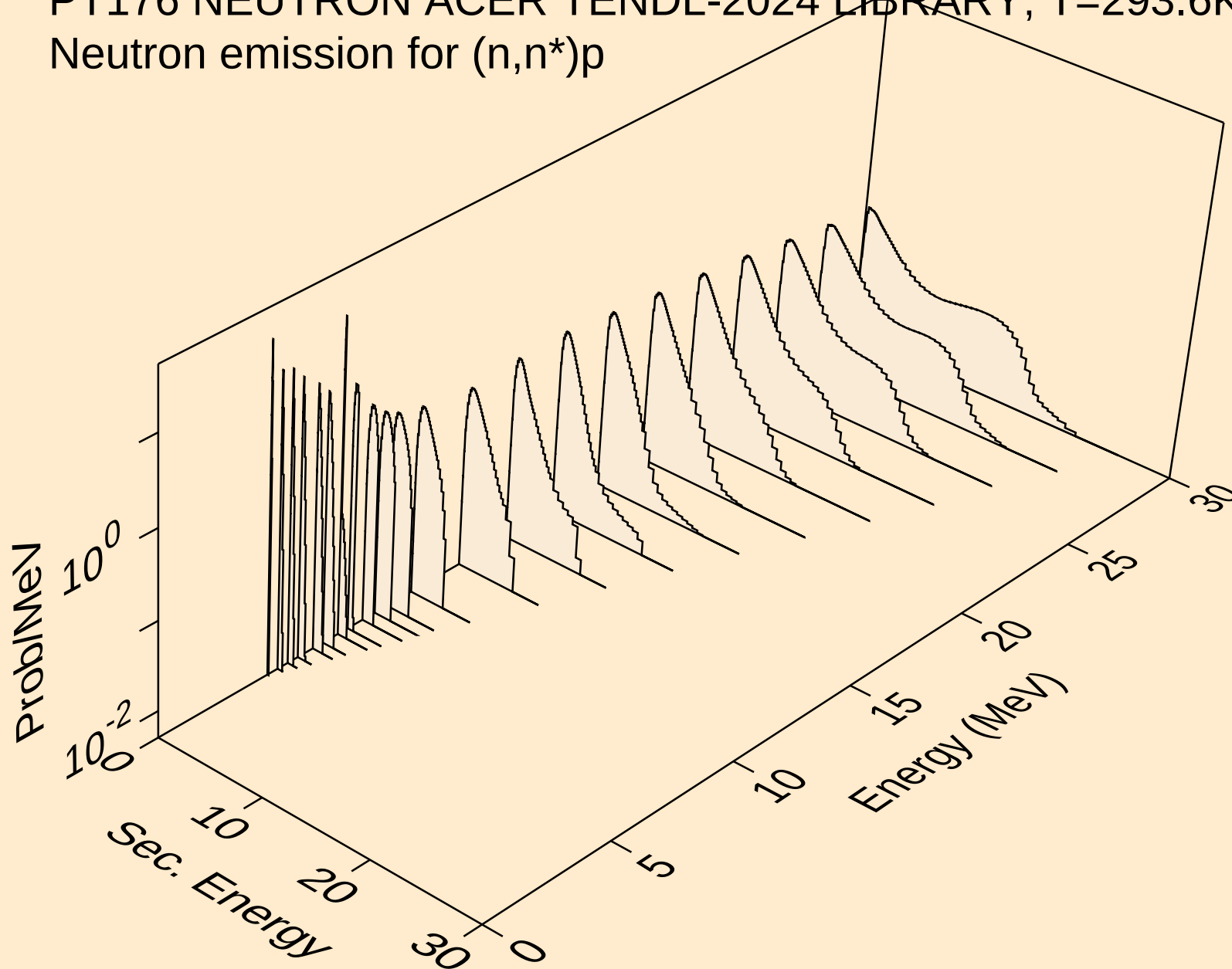
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Neutron emission for (n,2n)<sub>a</sub>



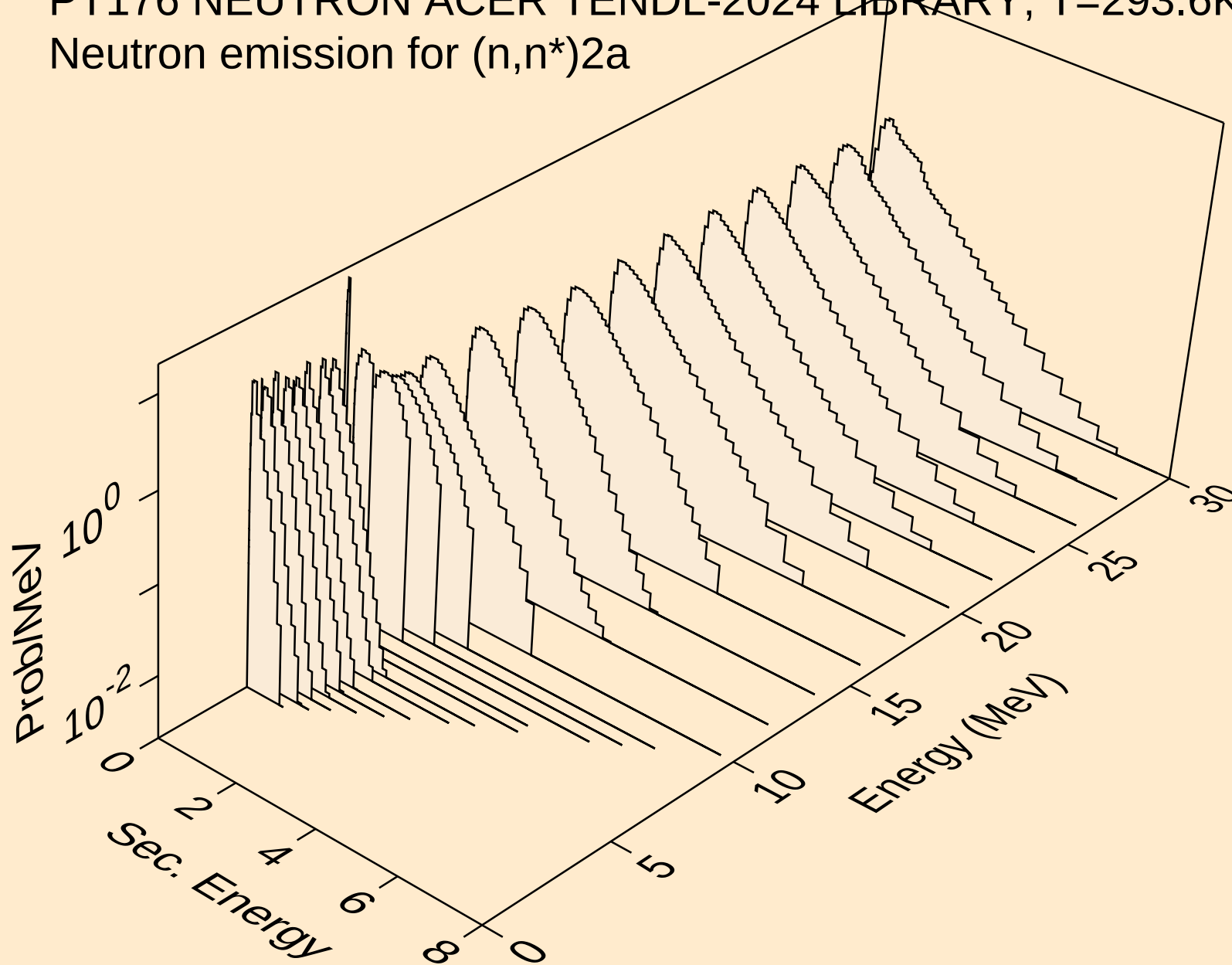
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



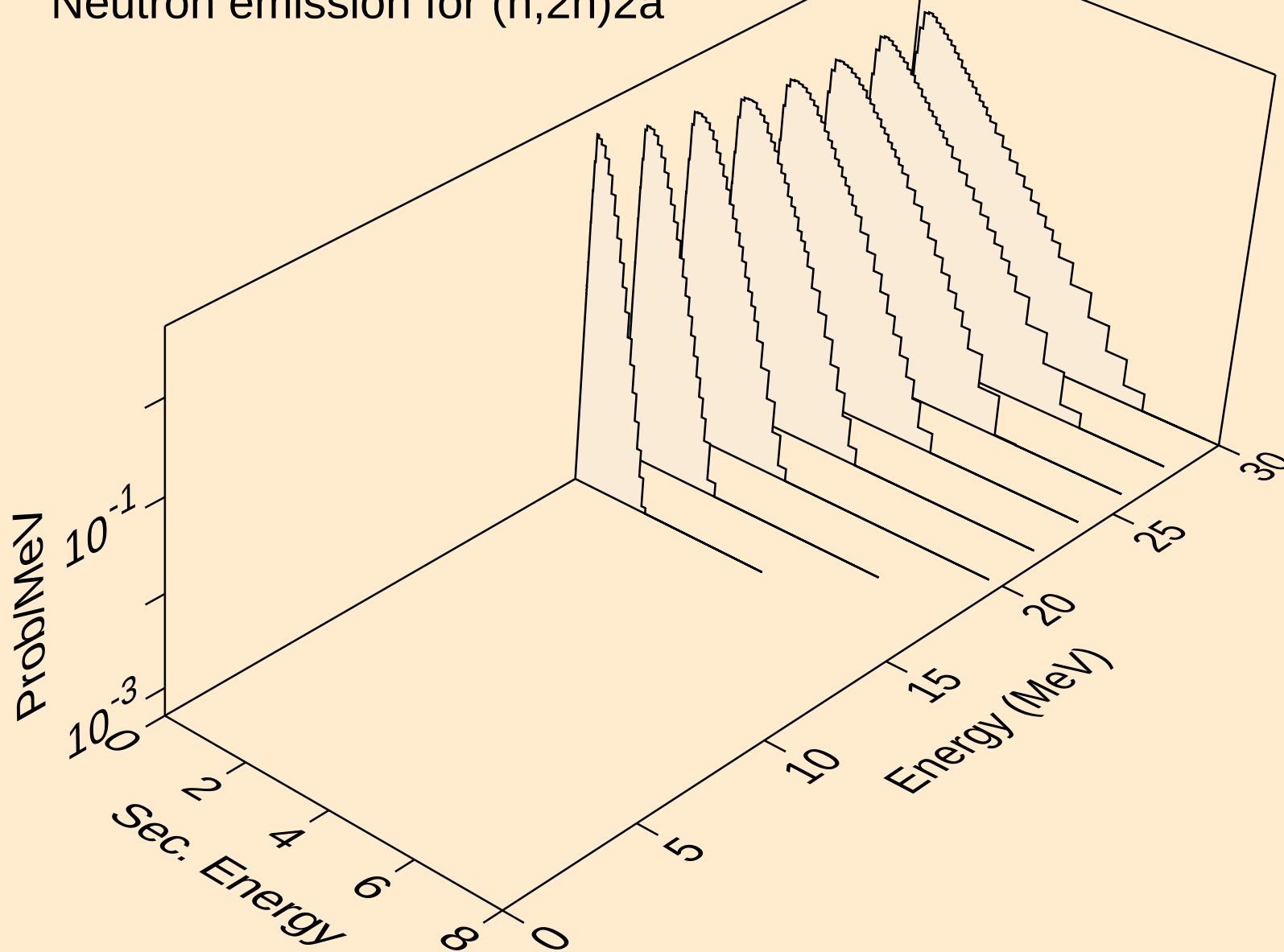
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



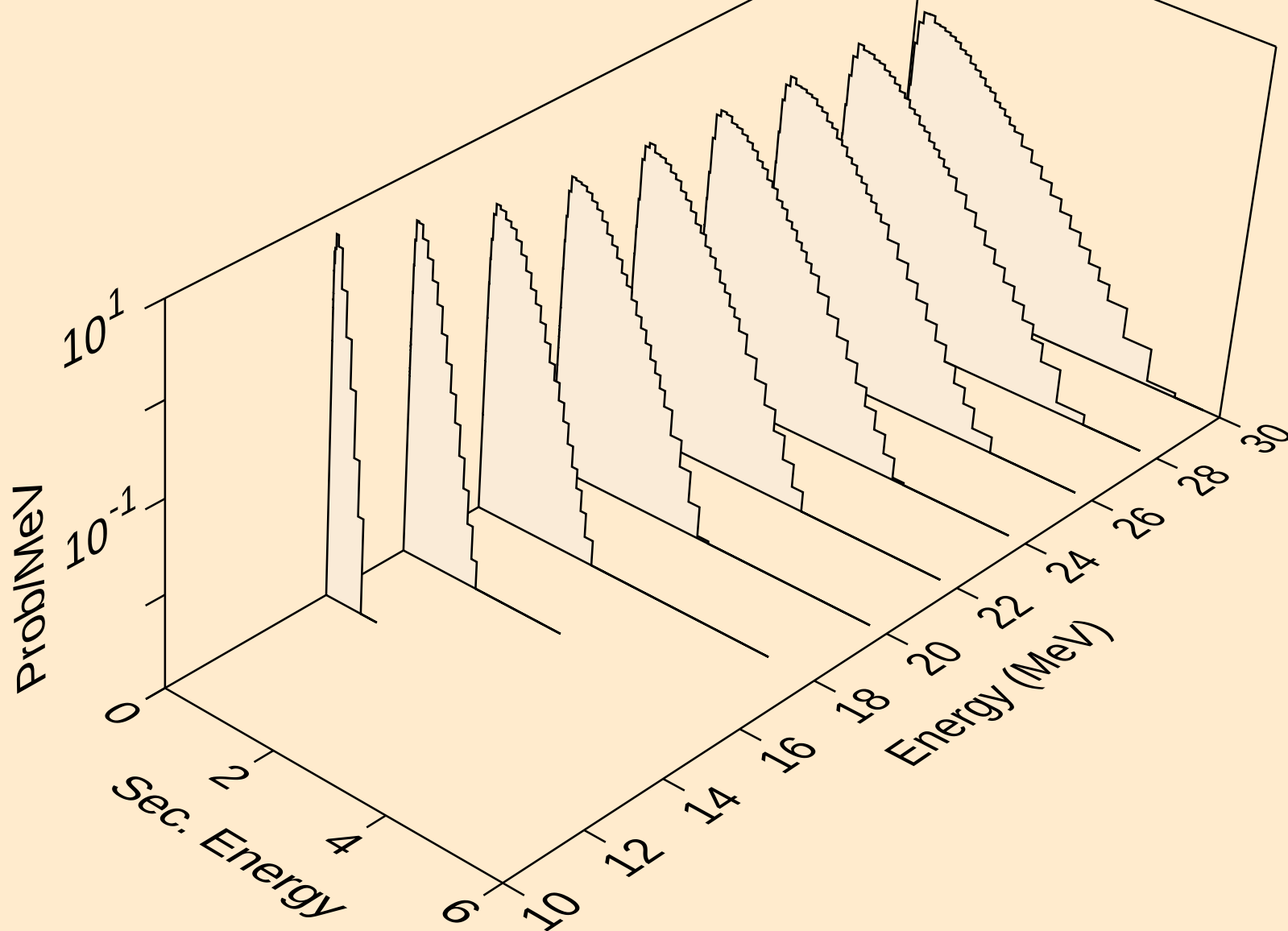
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



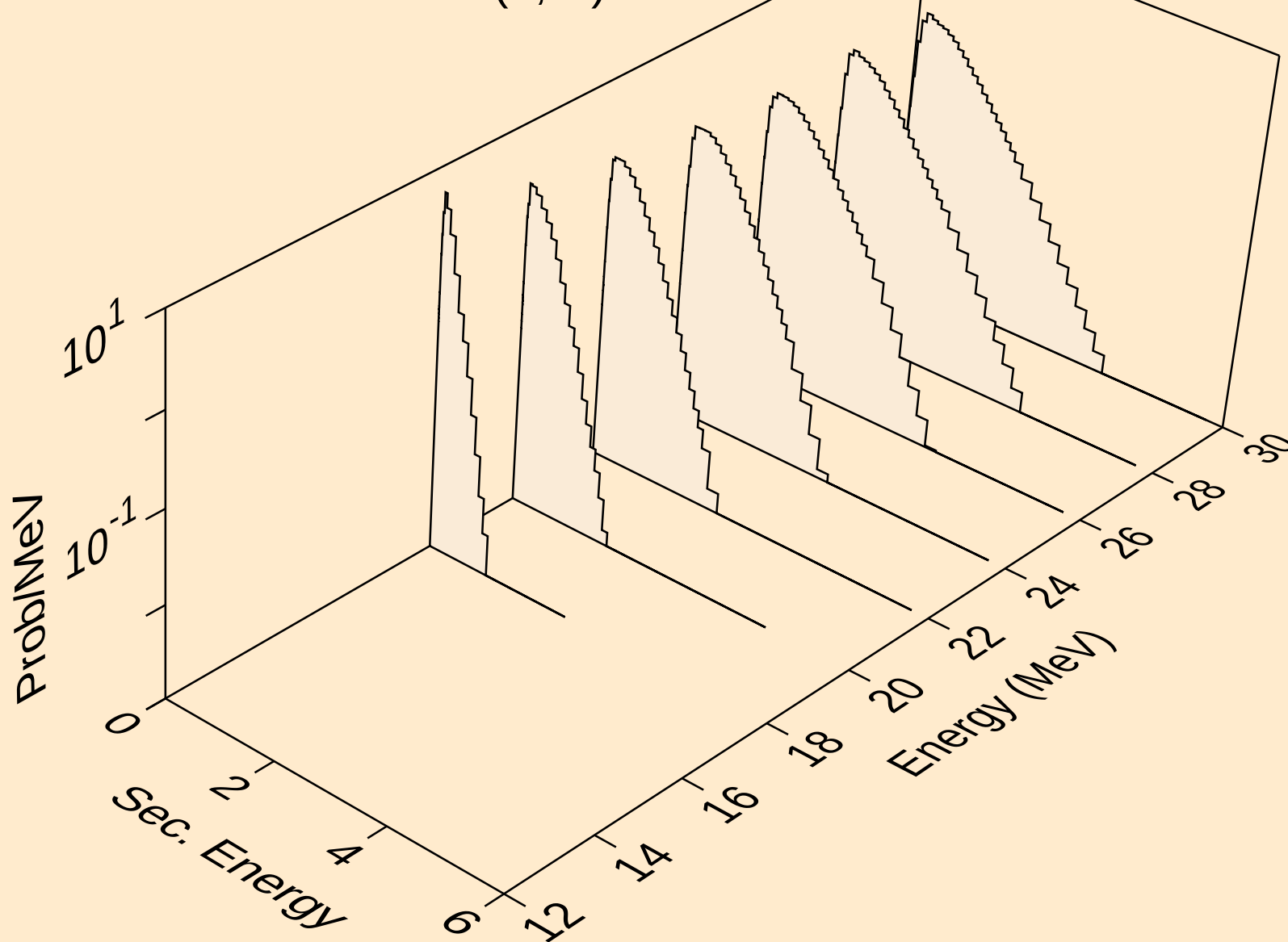
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



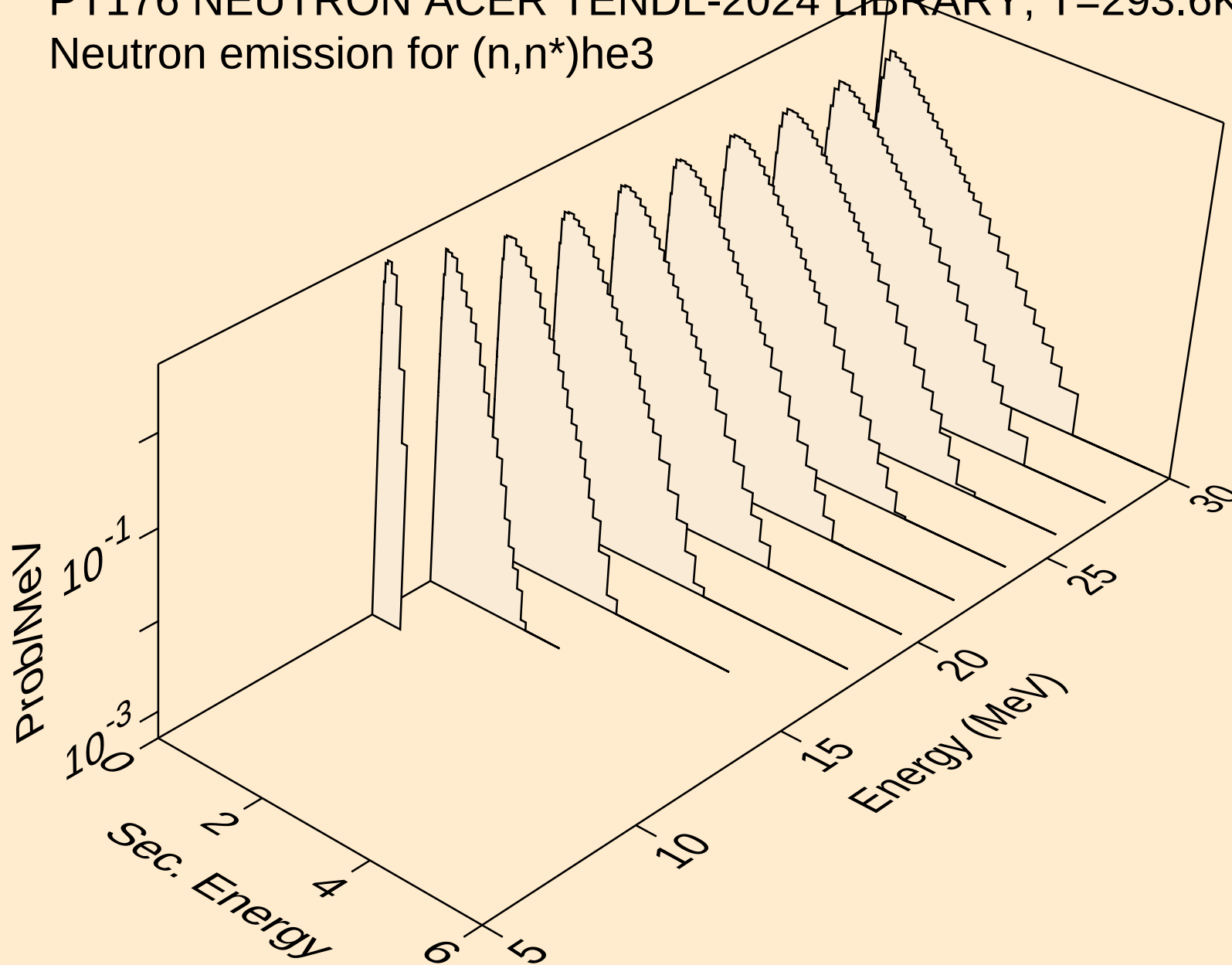
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



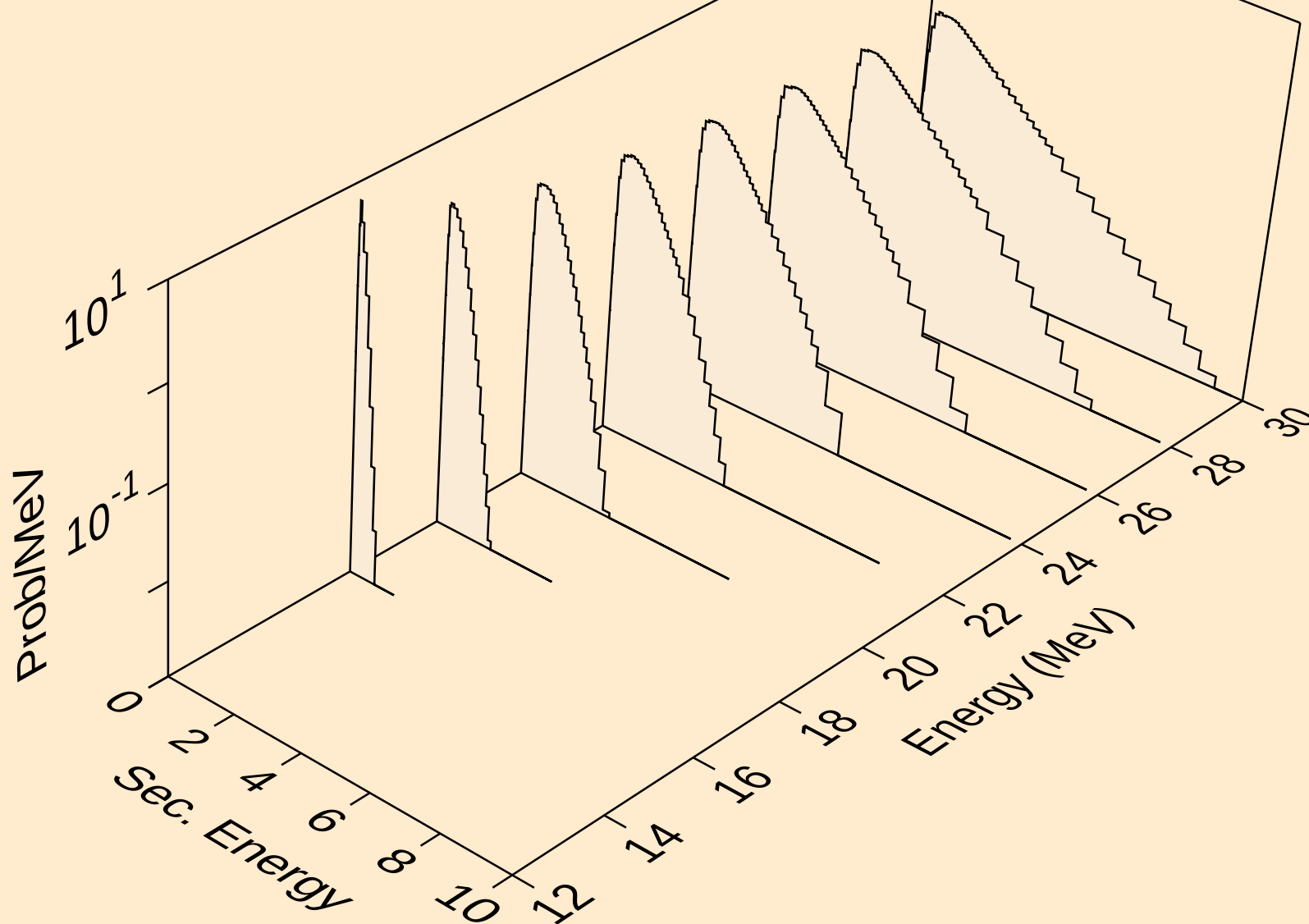
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



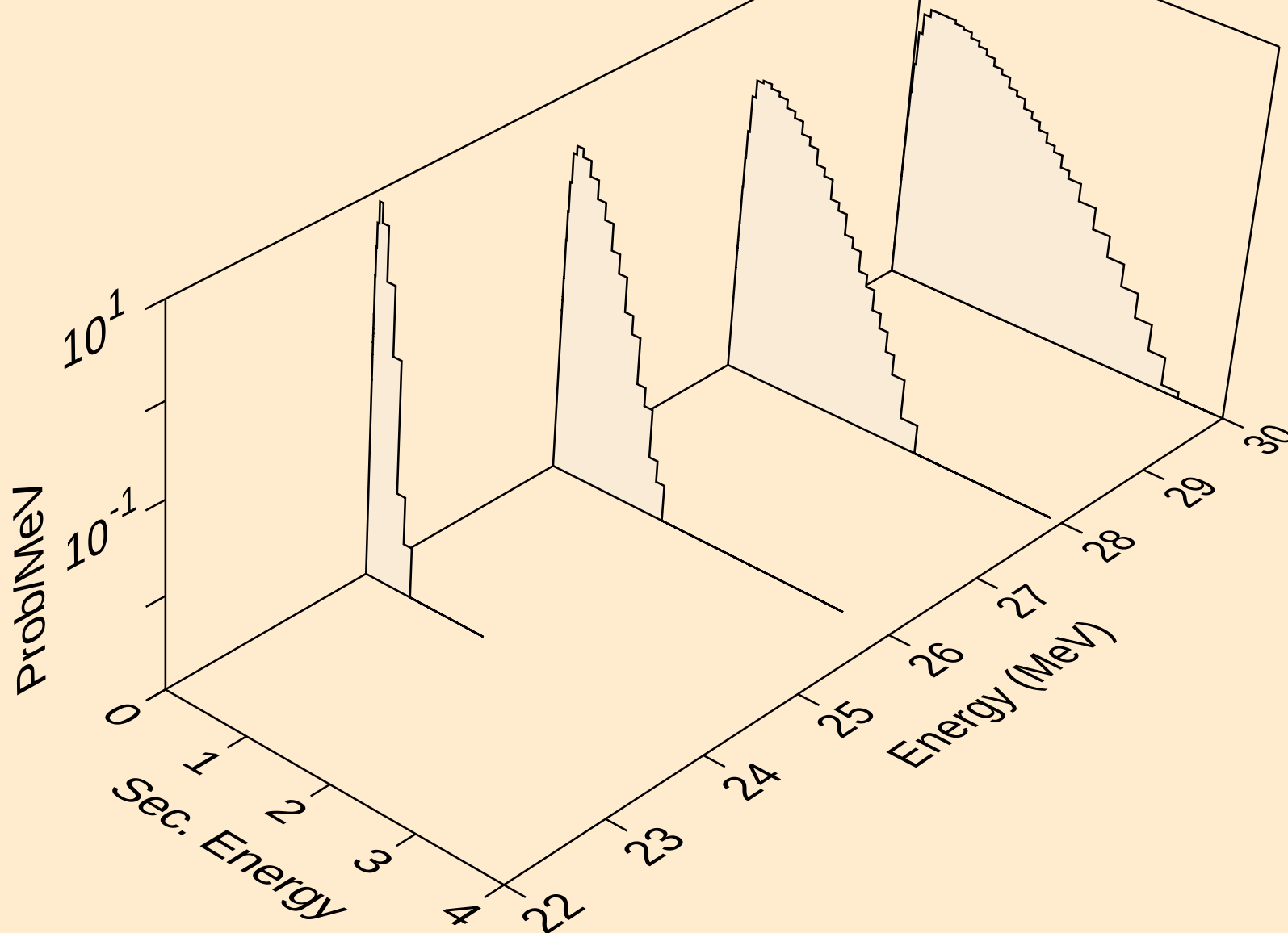
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



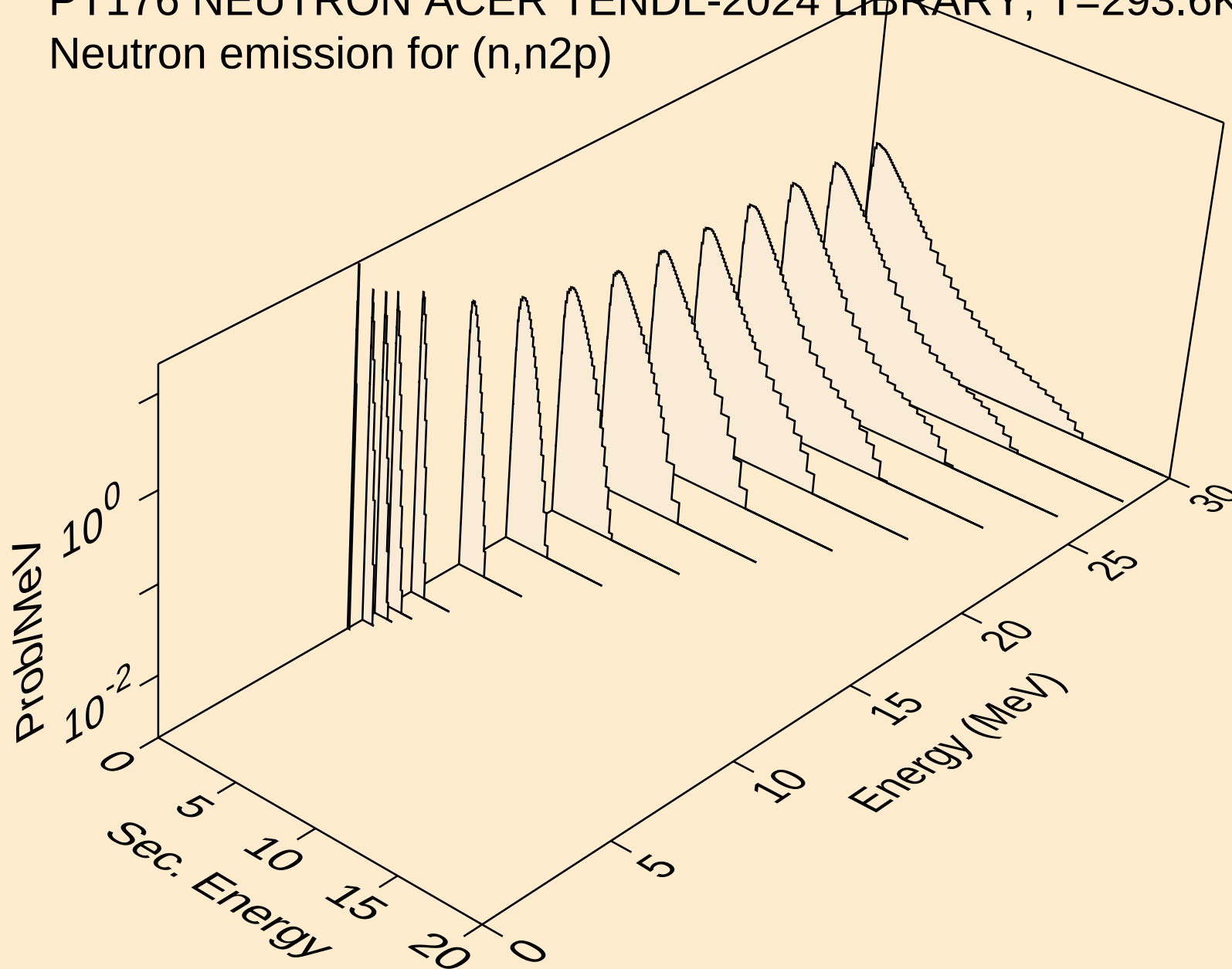
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



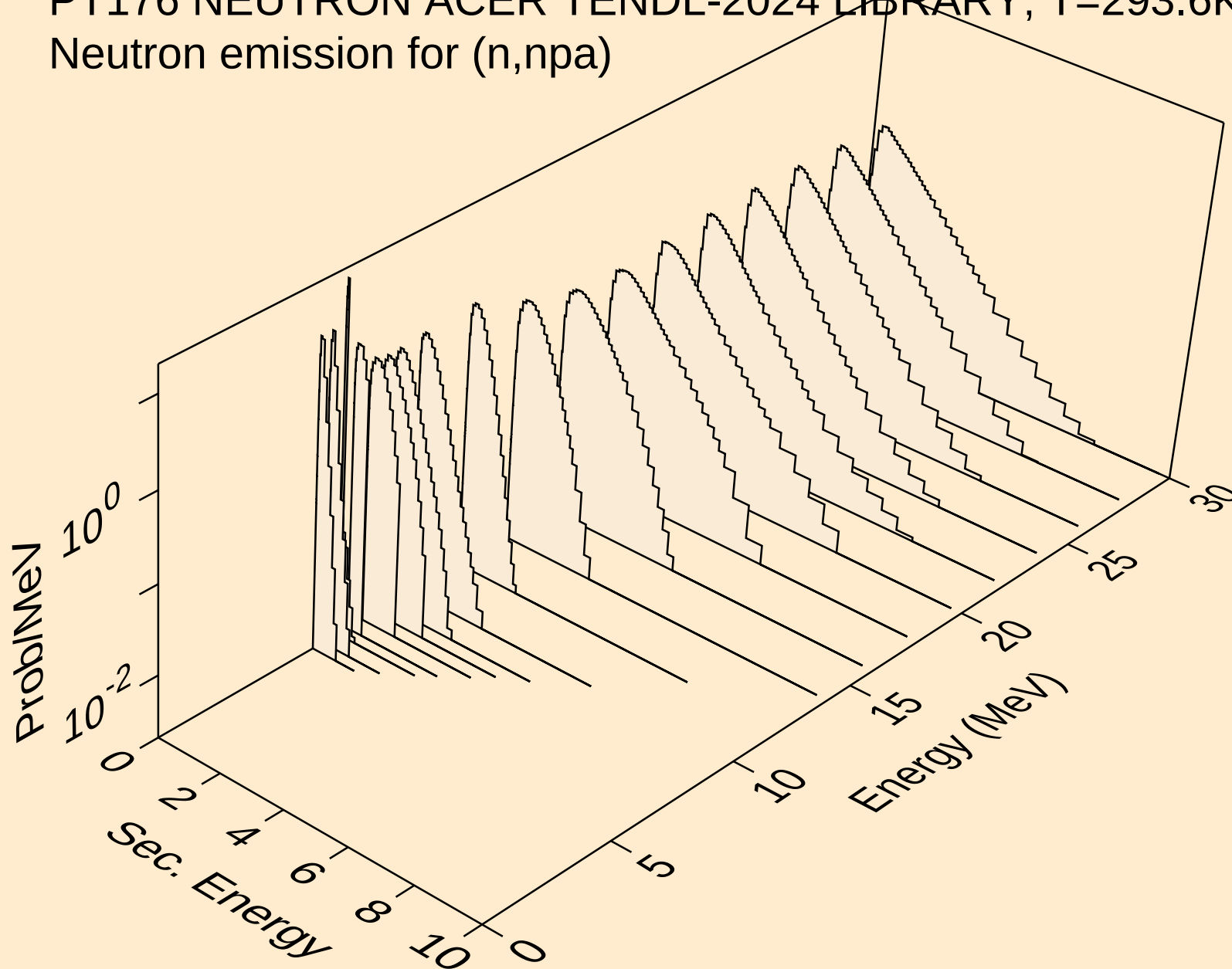
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



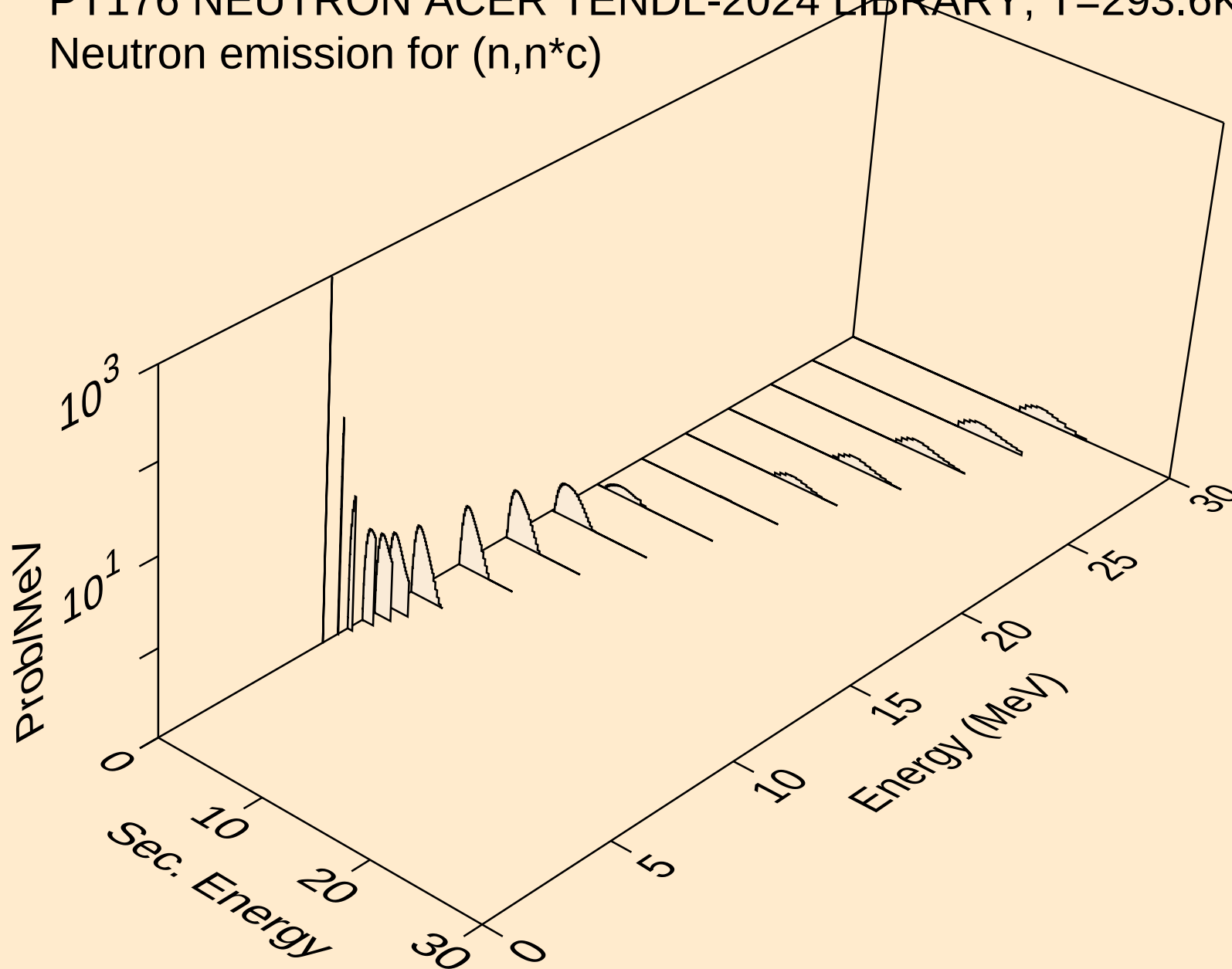
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



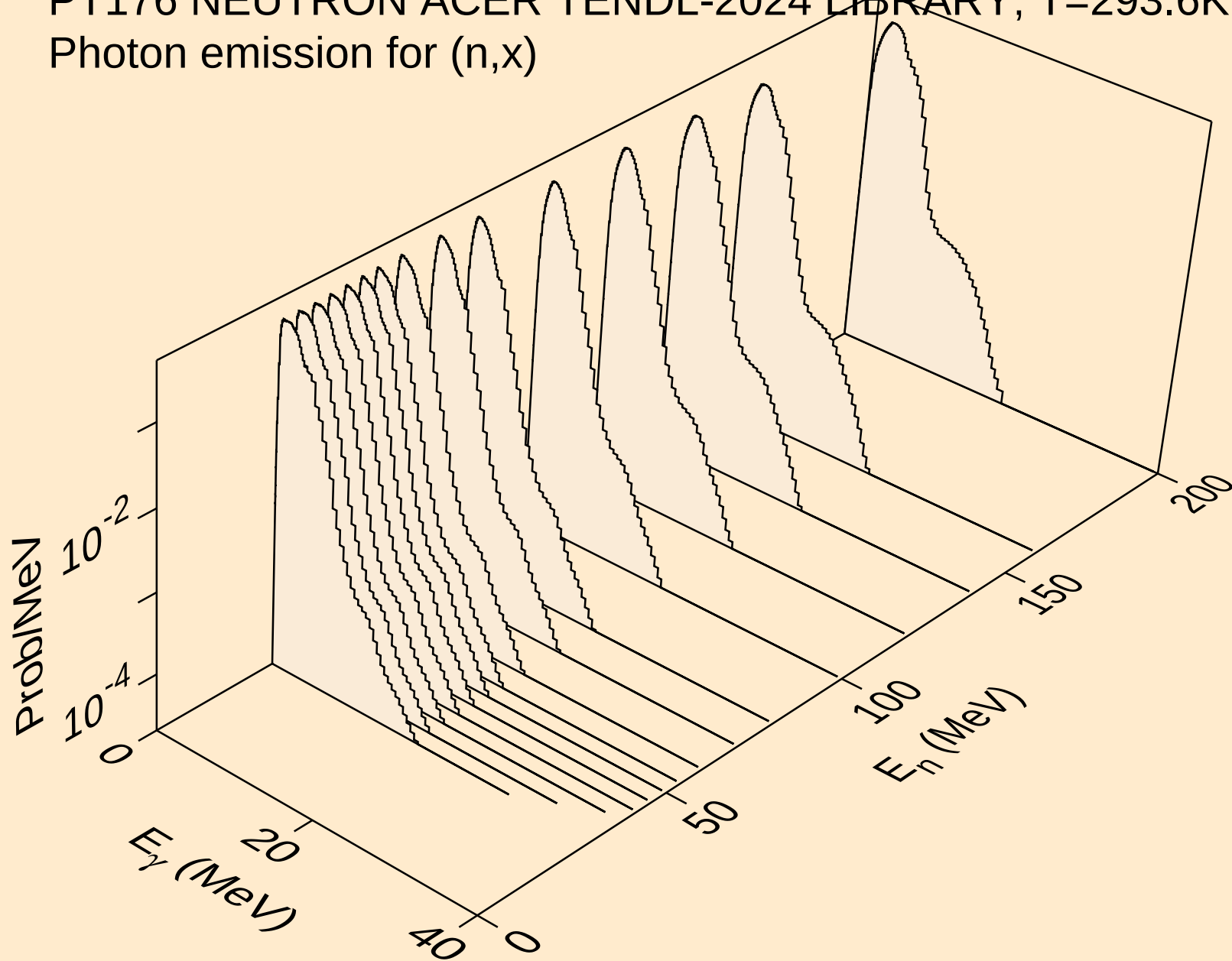
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Neutron emission for (n,npa)



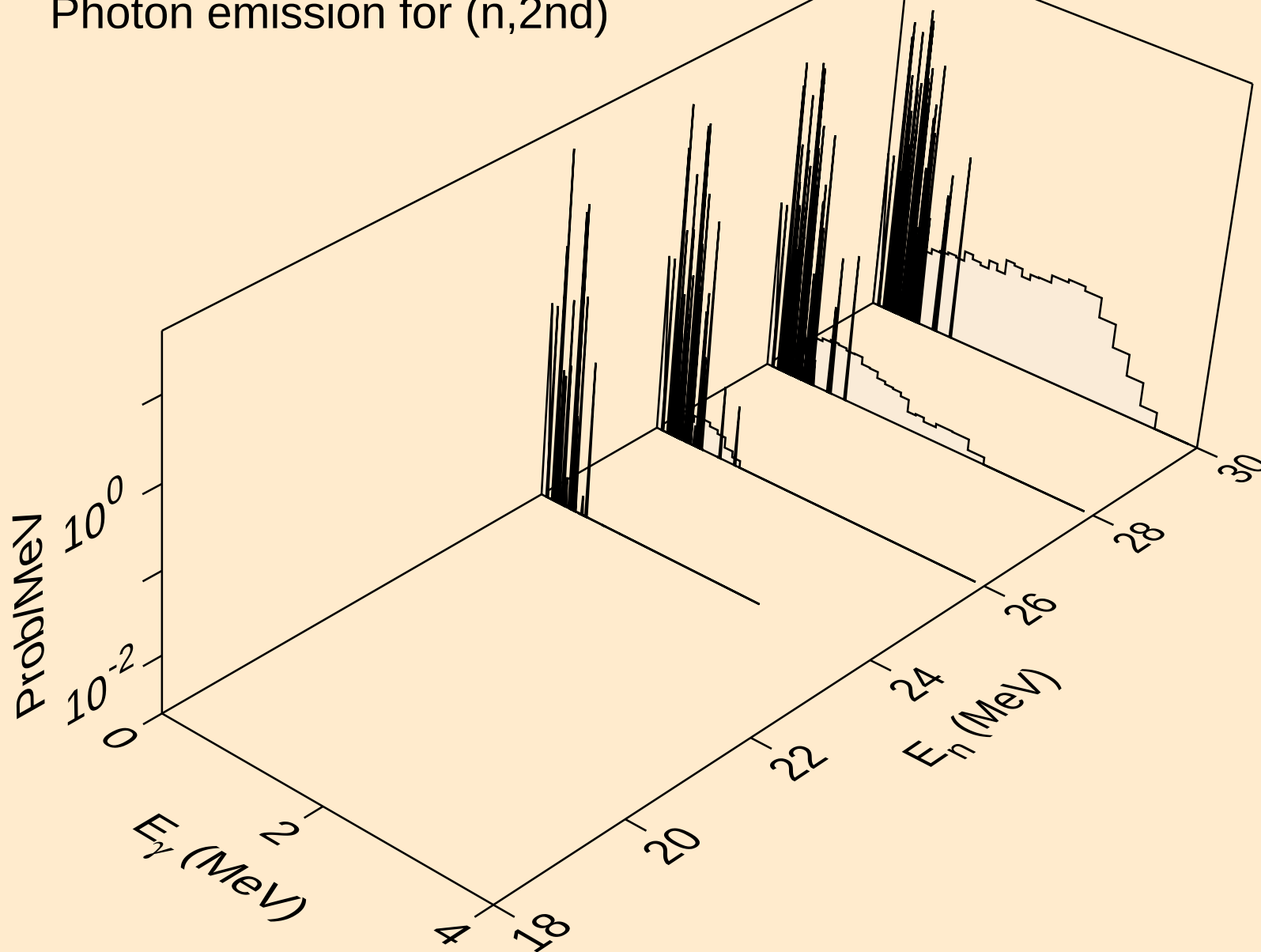
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



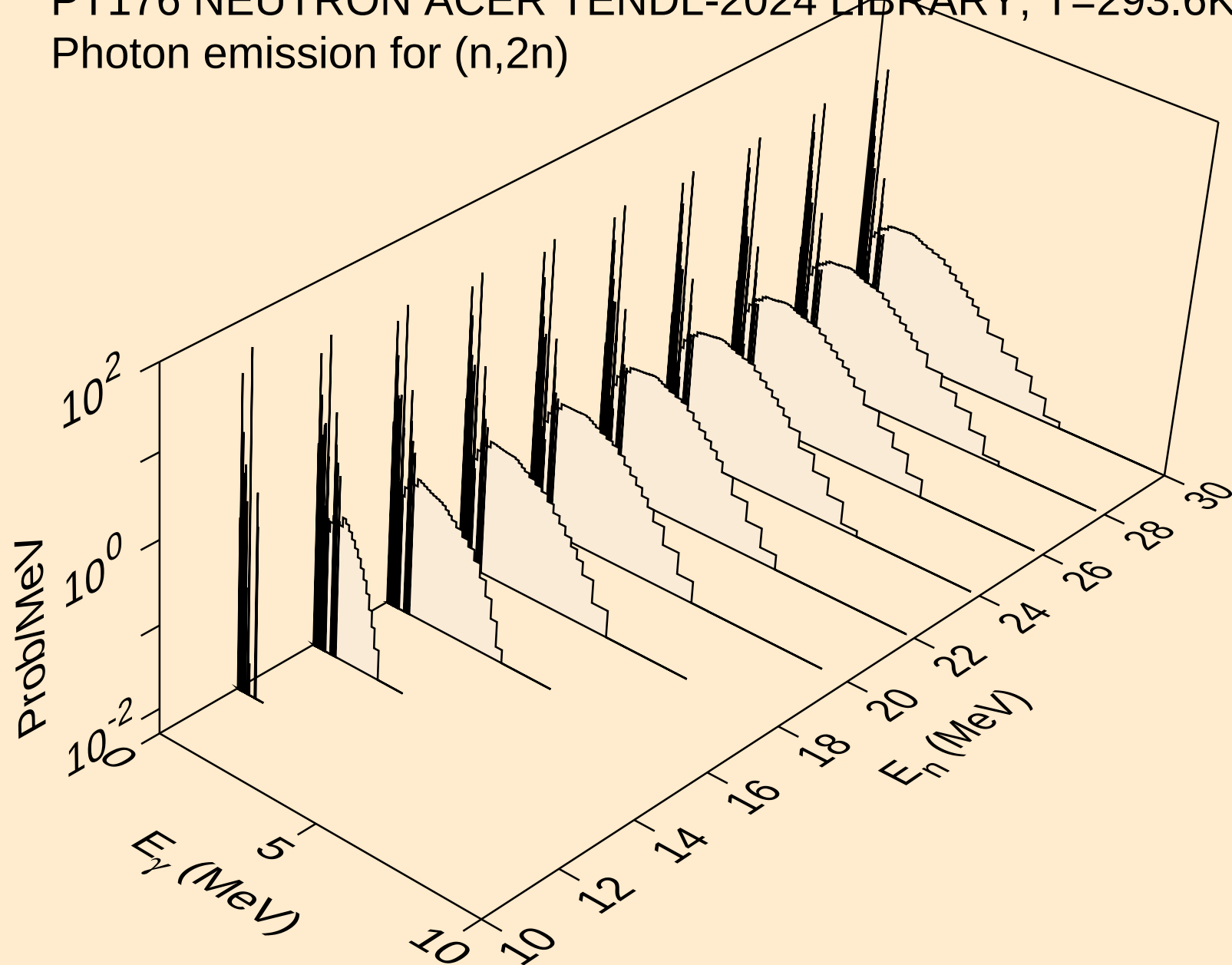
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



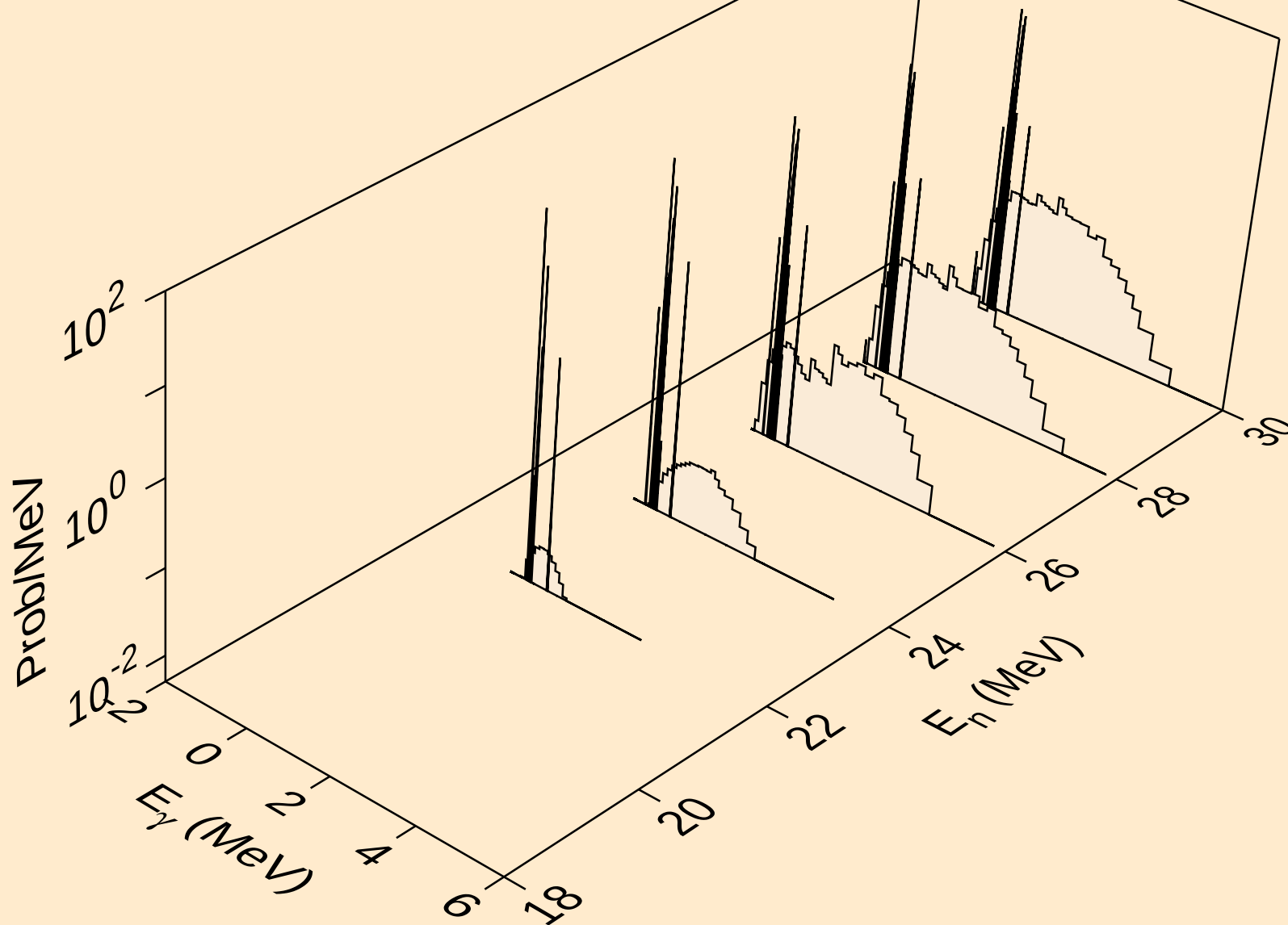
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Photon emission for (n,2nd)



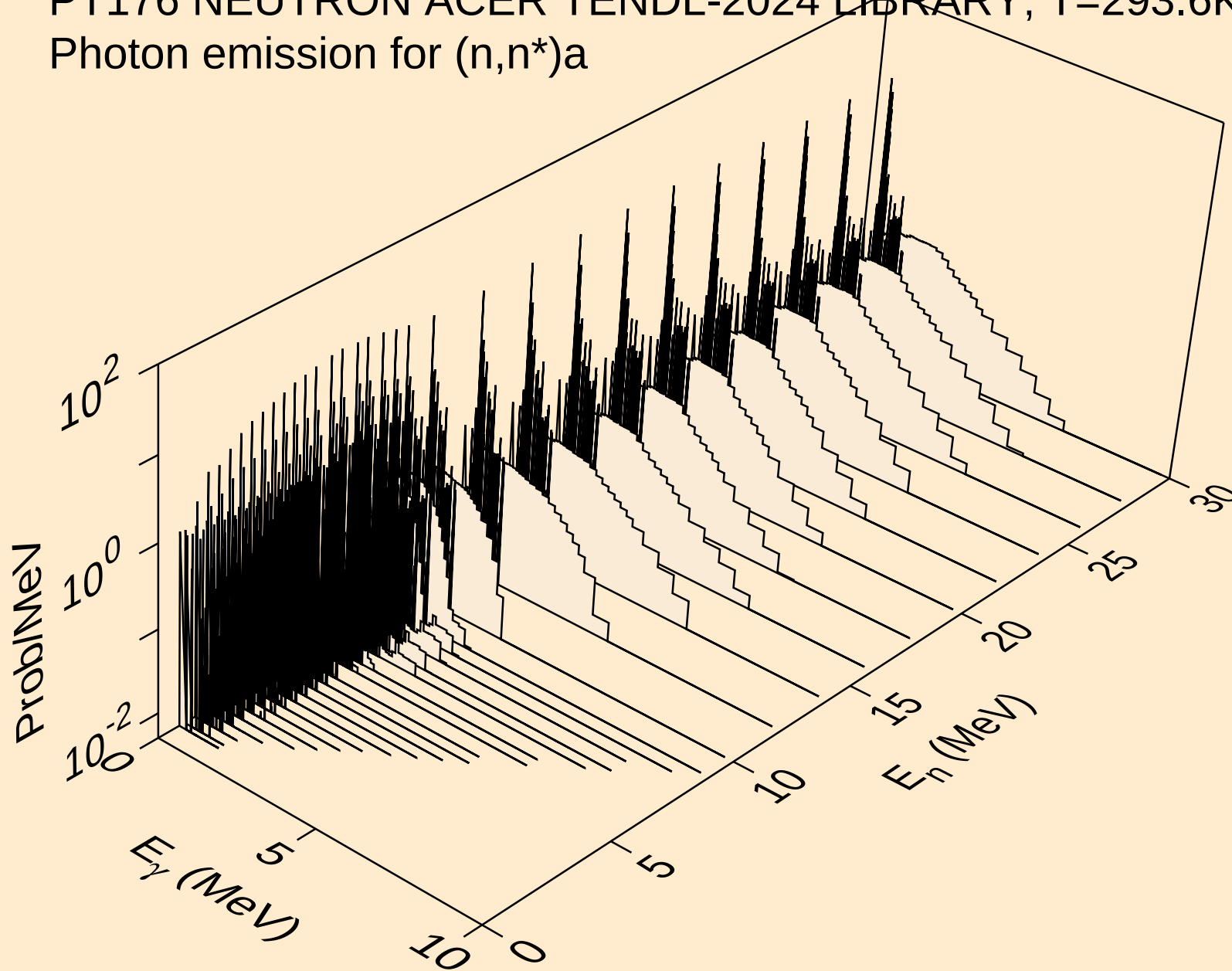
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Photon emission for (n,2n)



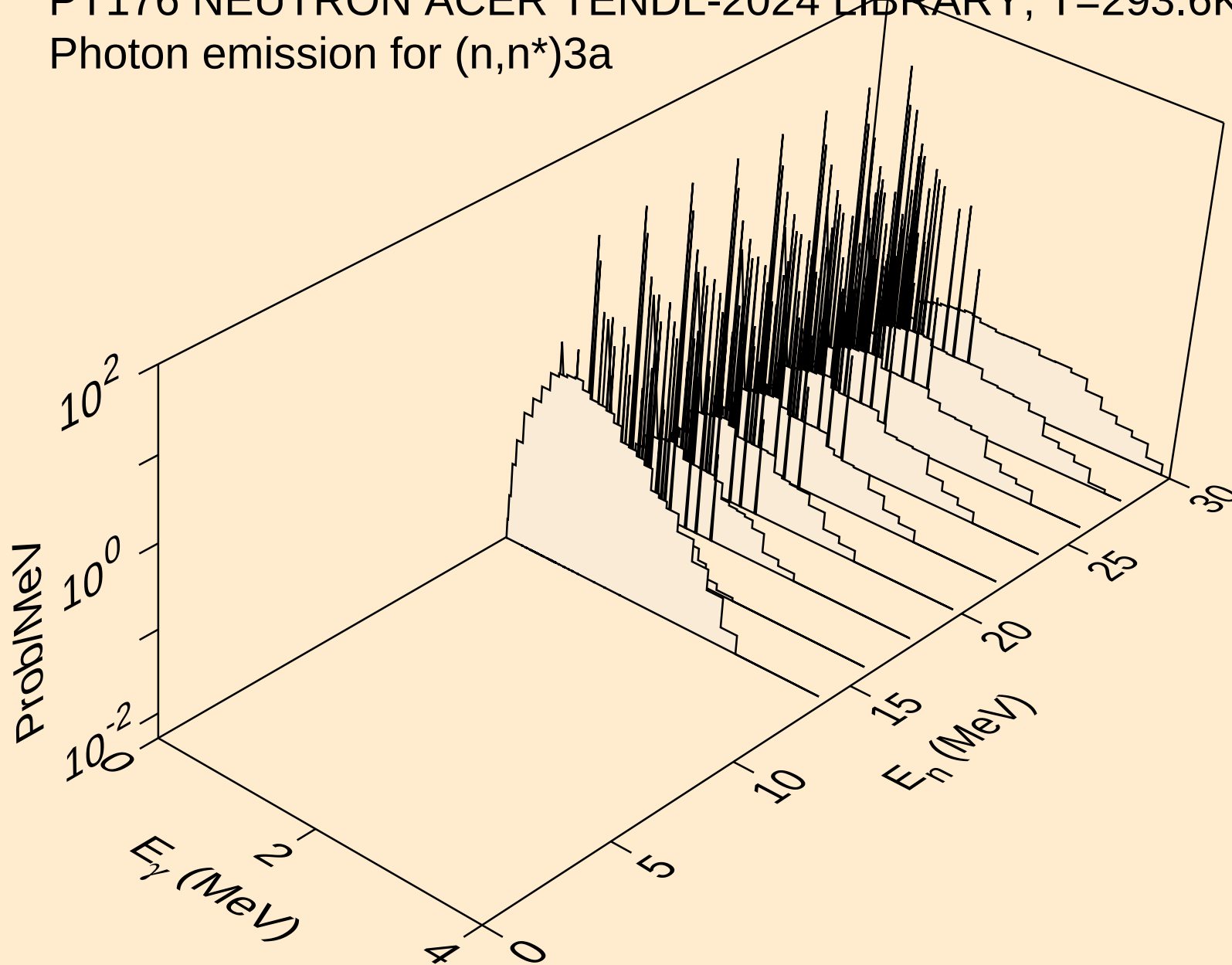
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



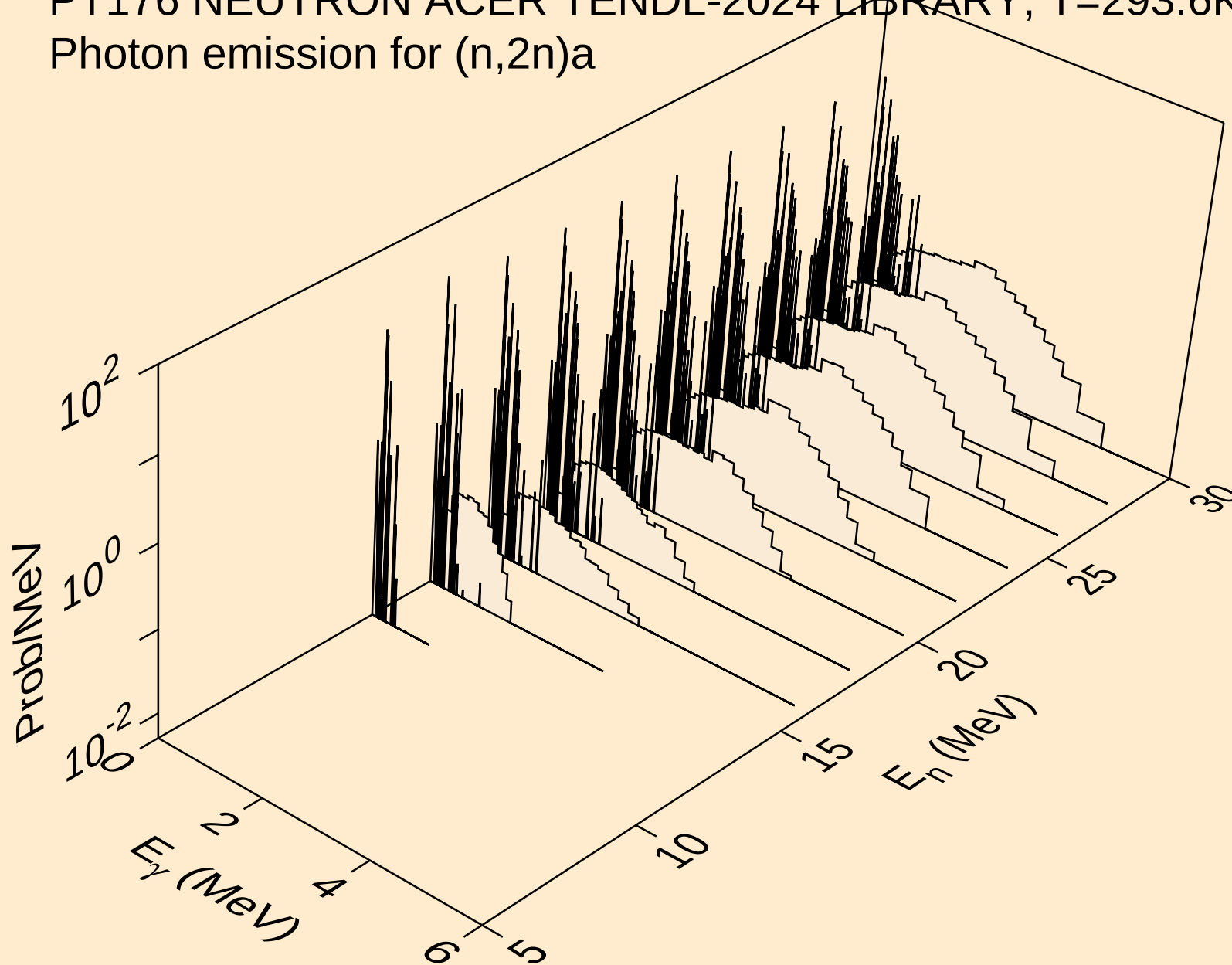
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



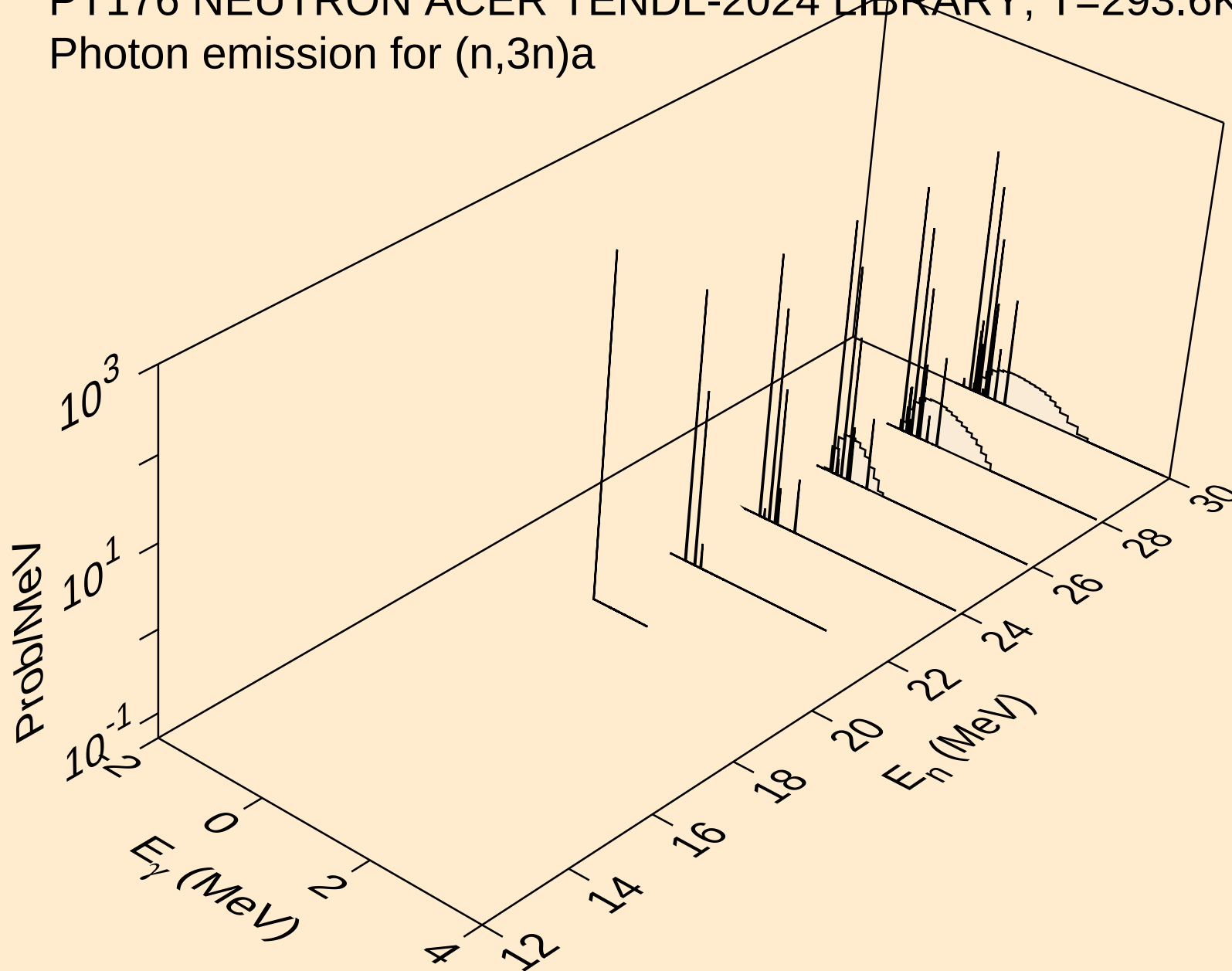
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)3a



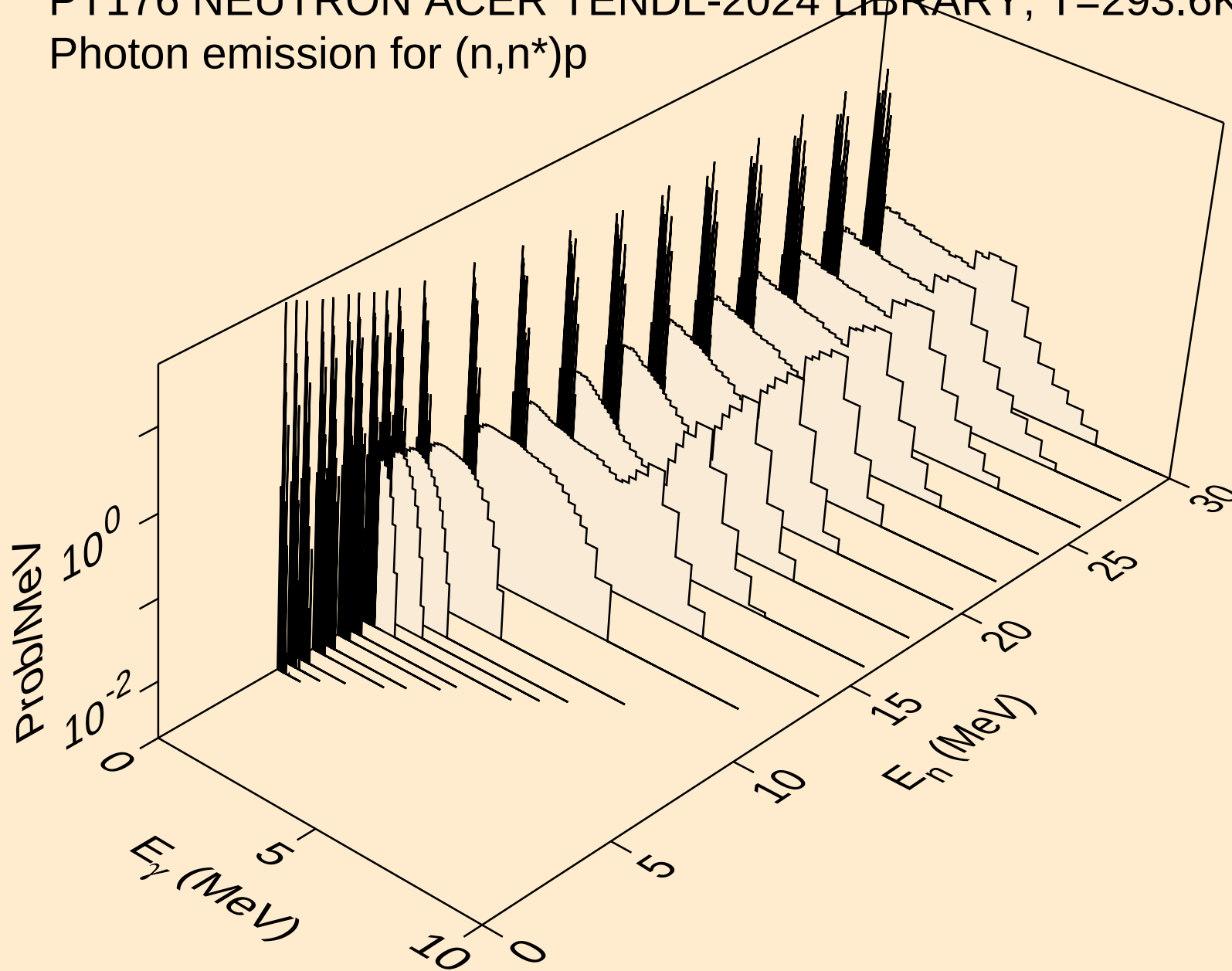
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



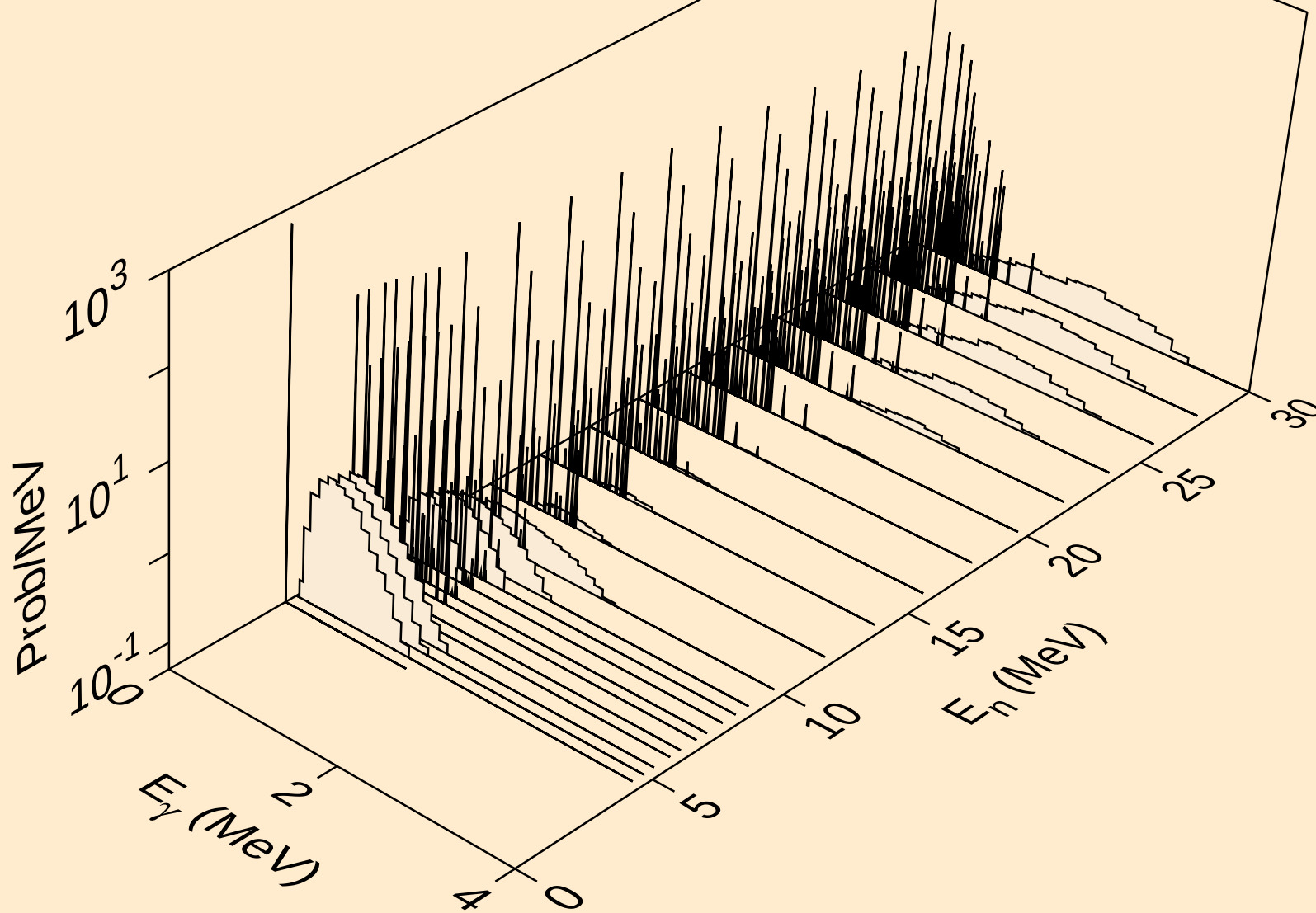
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n) $\alpha$



PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

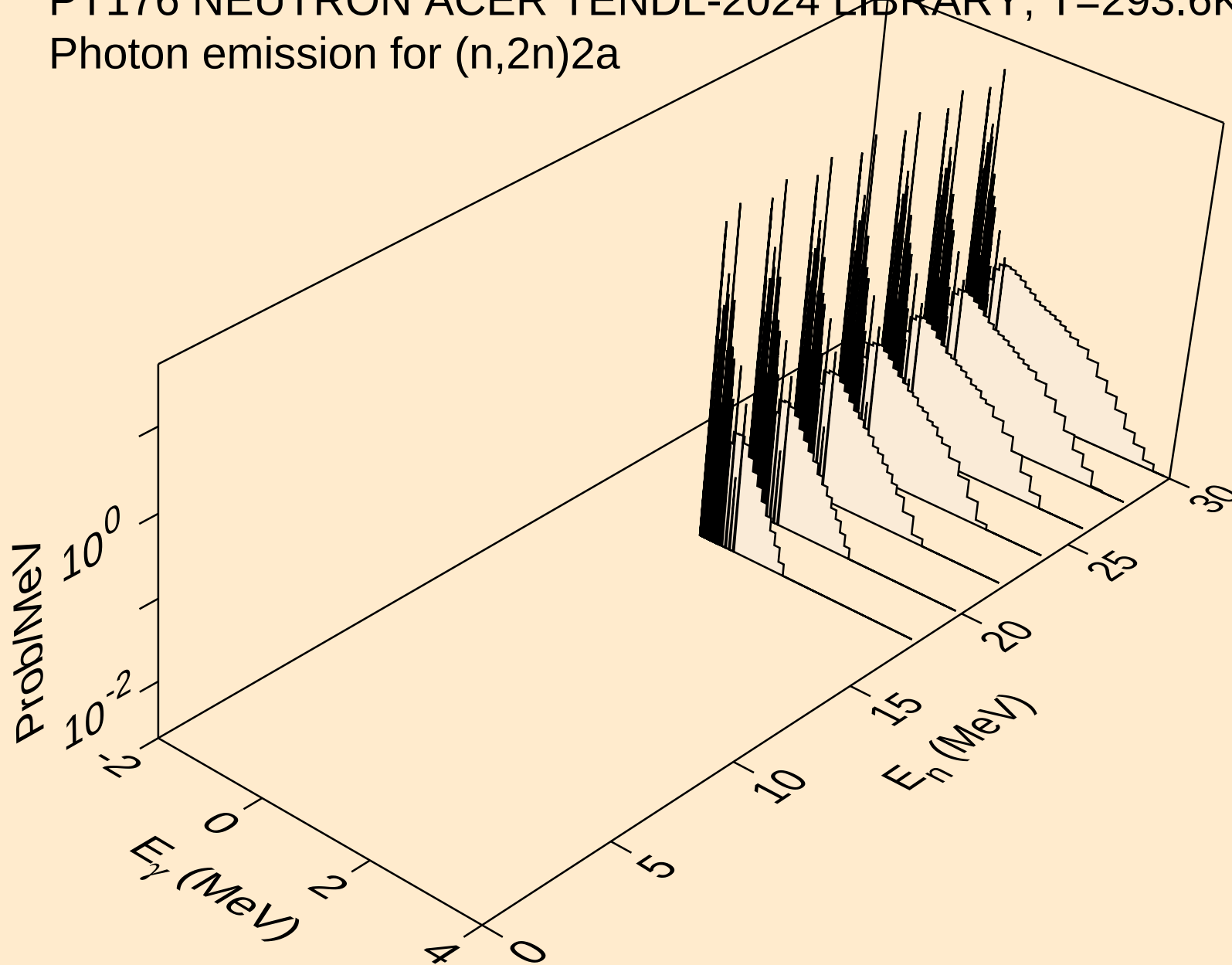


PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

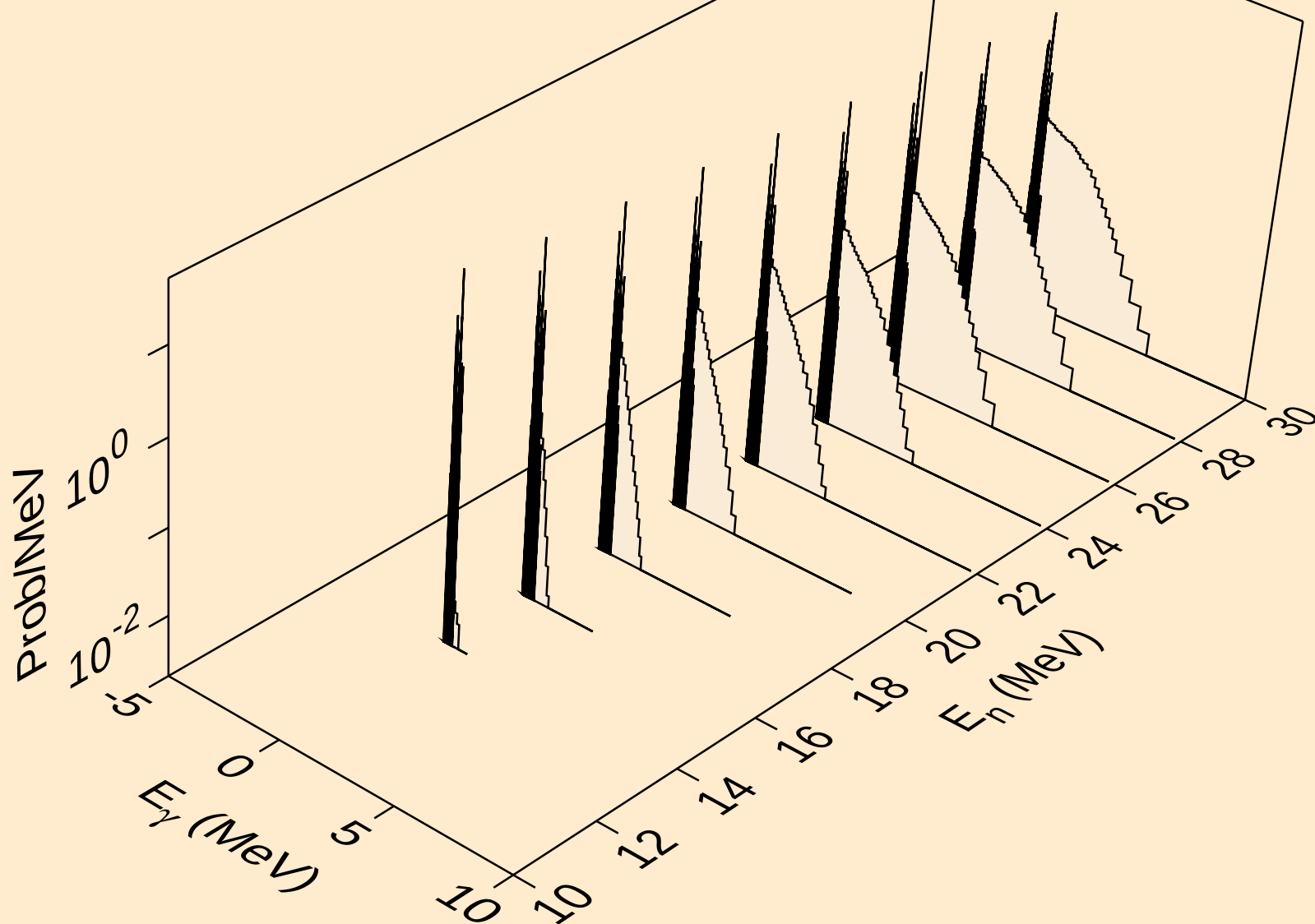


PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,2n)2a

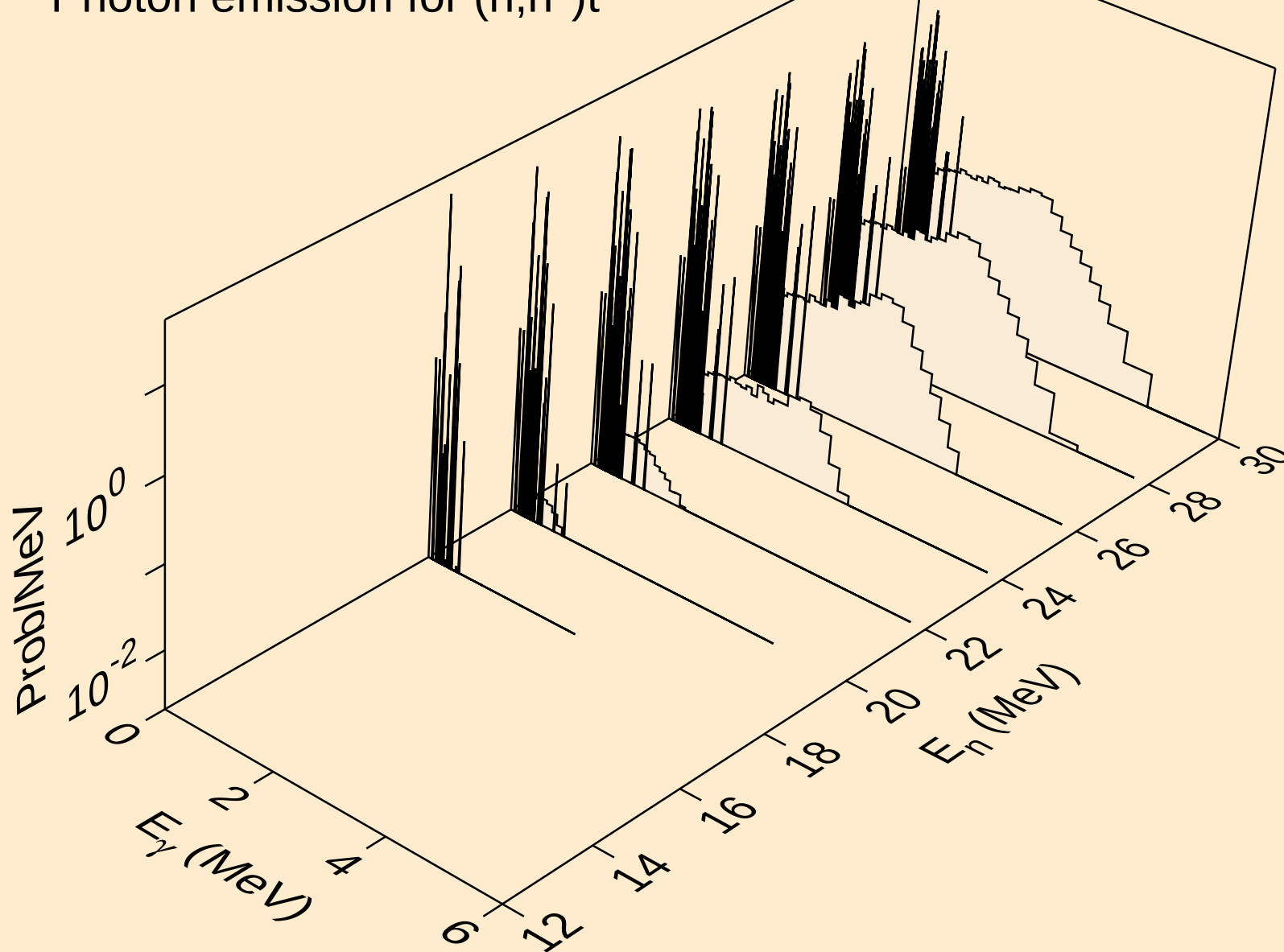


PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

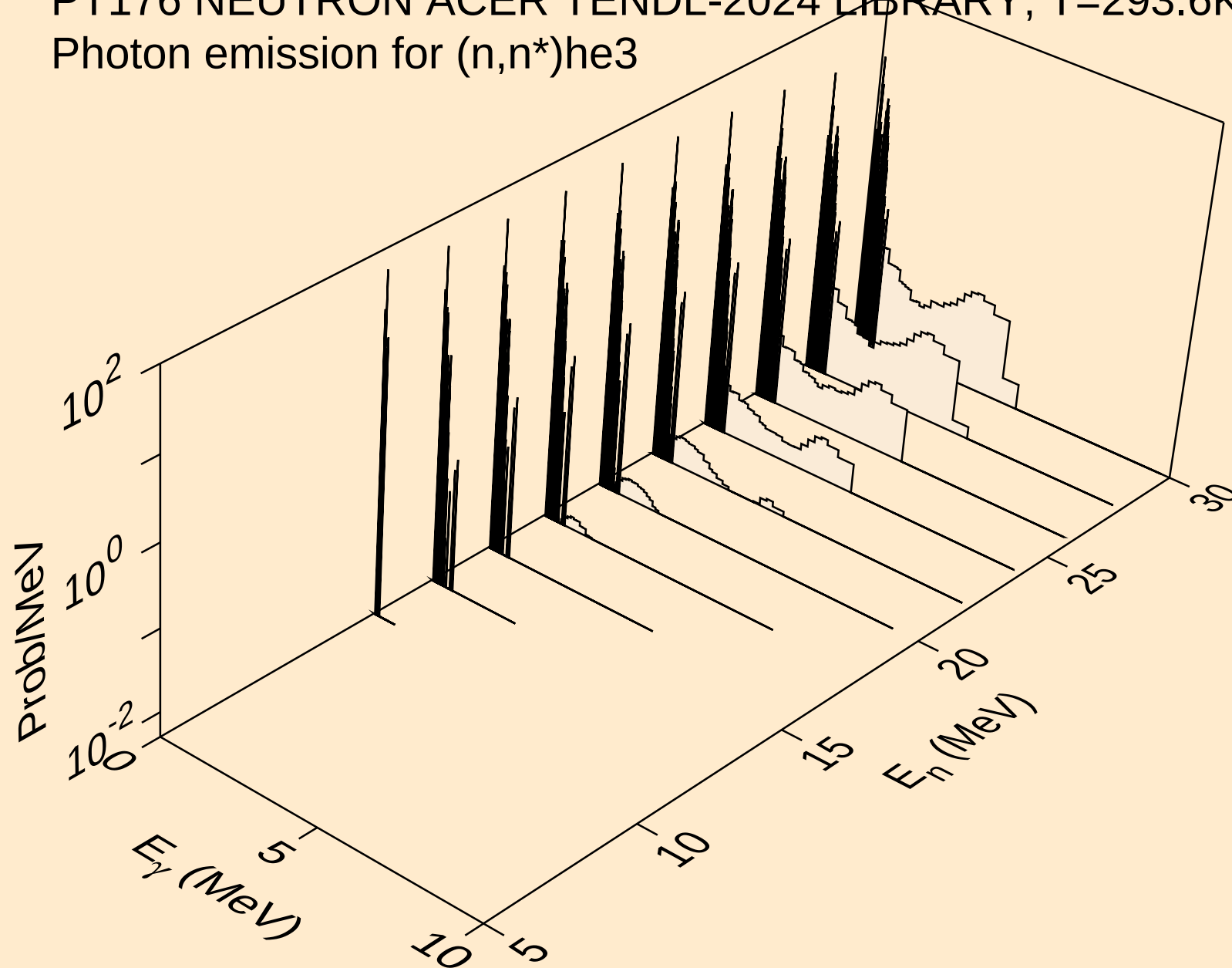


PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

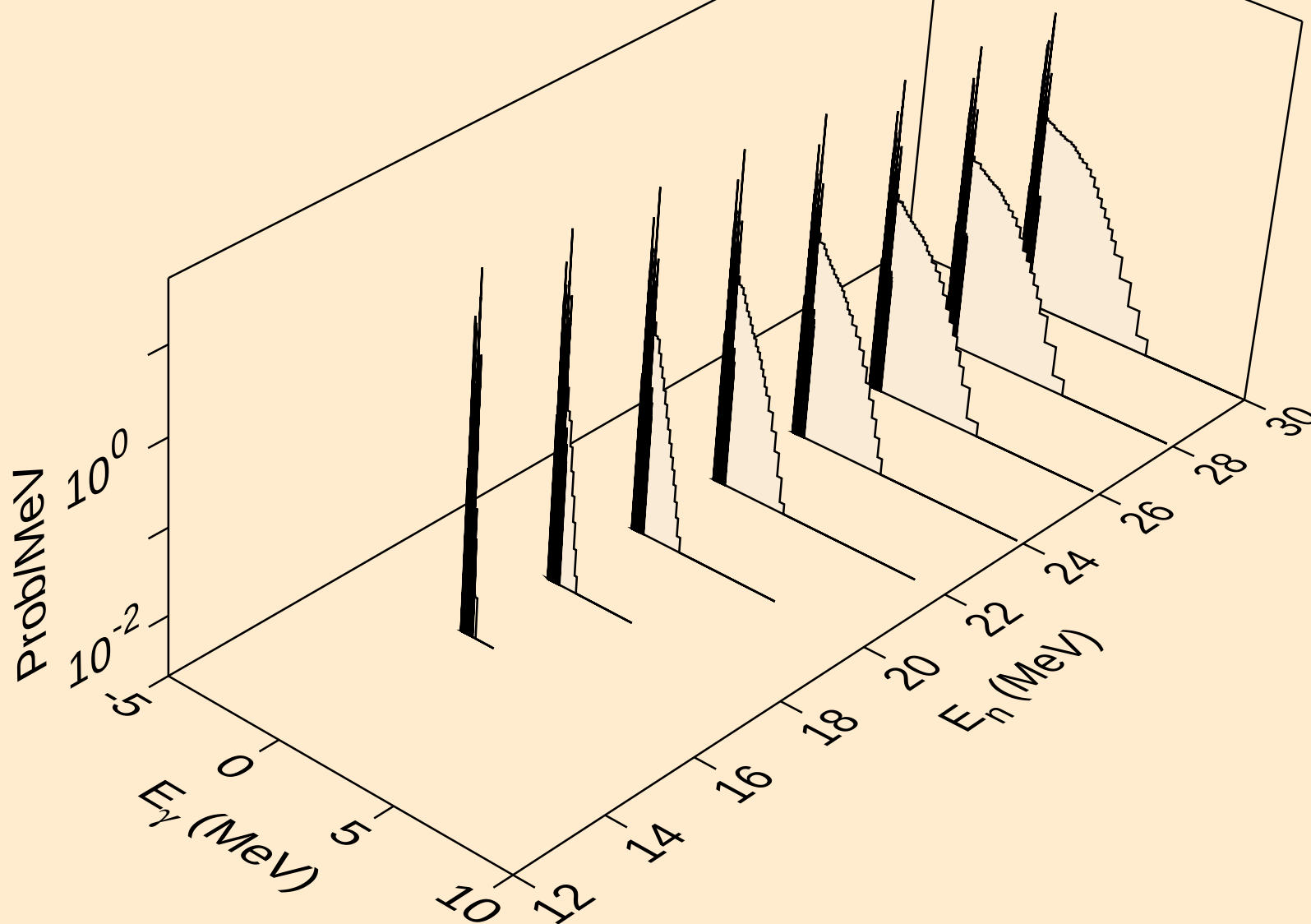
Photon emission for (n,n\*)t



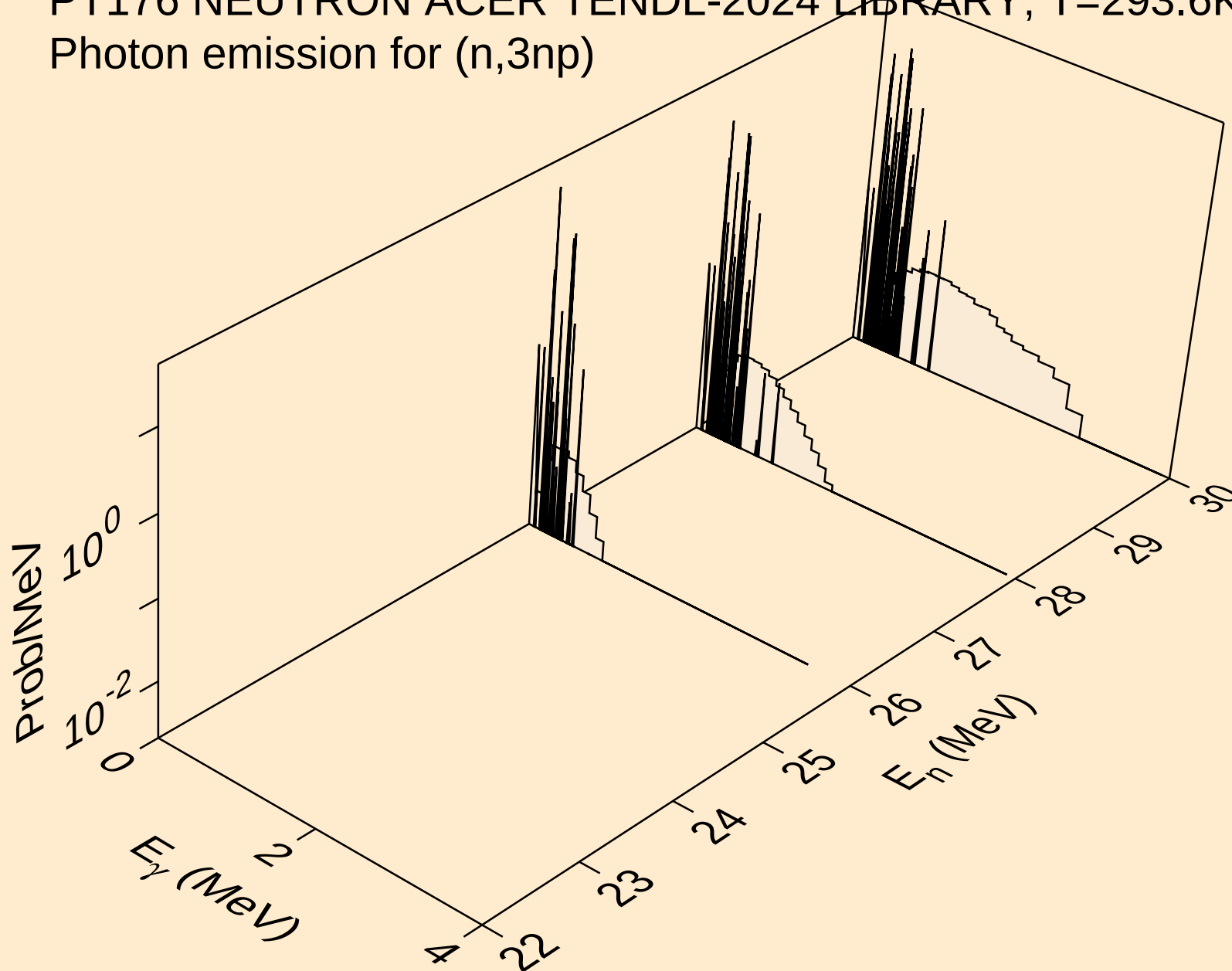
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



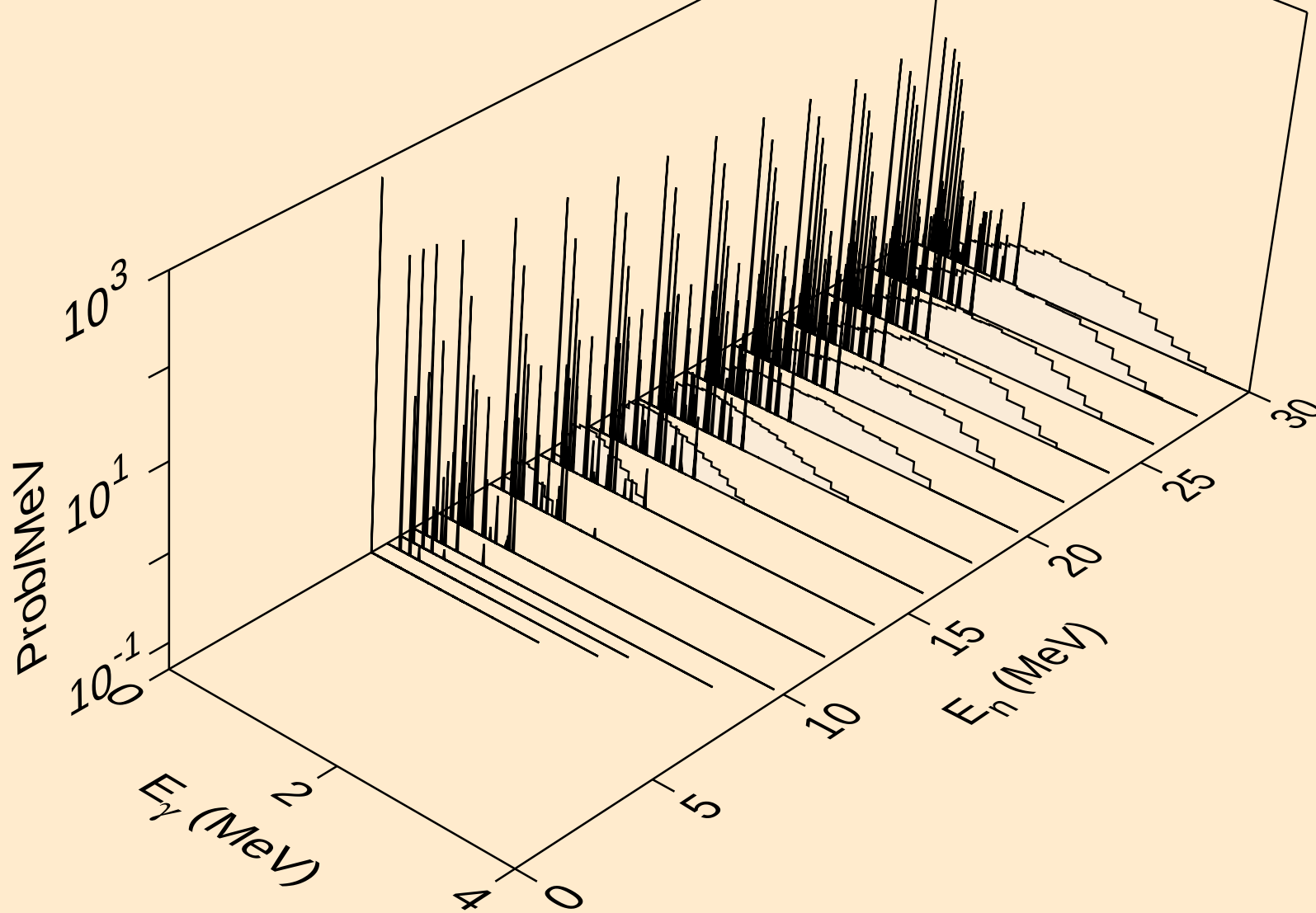
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Photon emission for (n,2np)



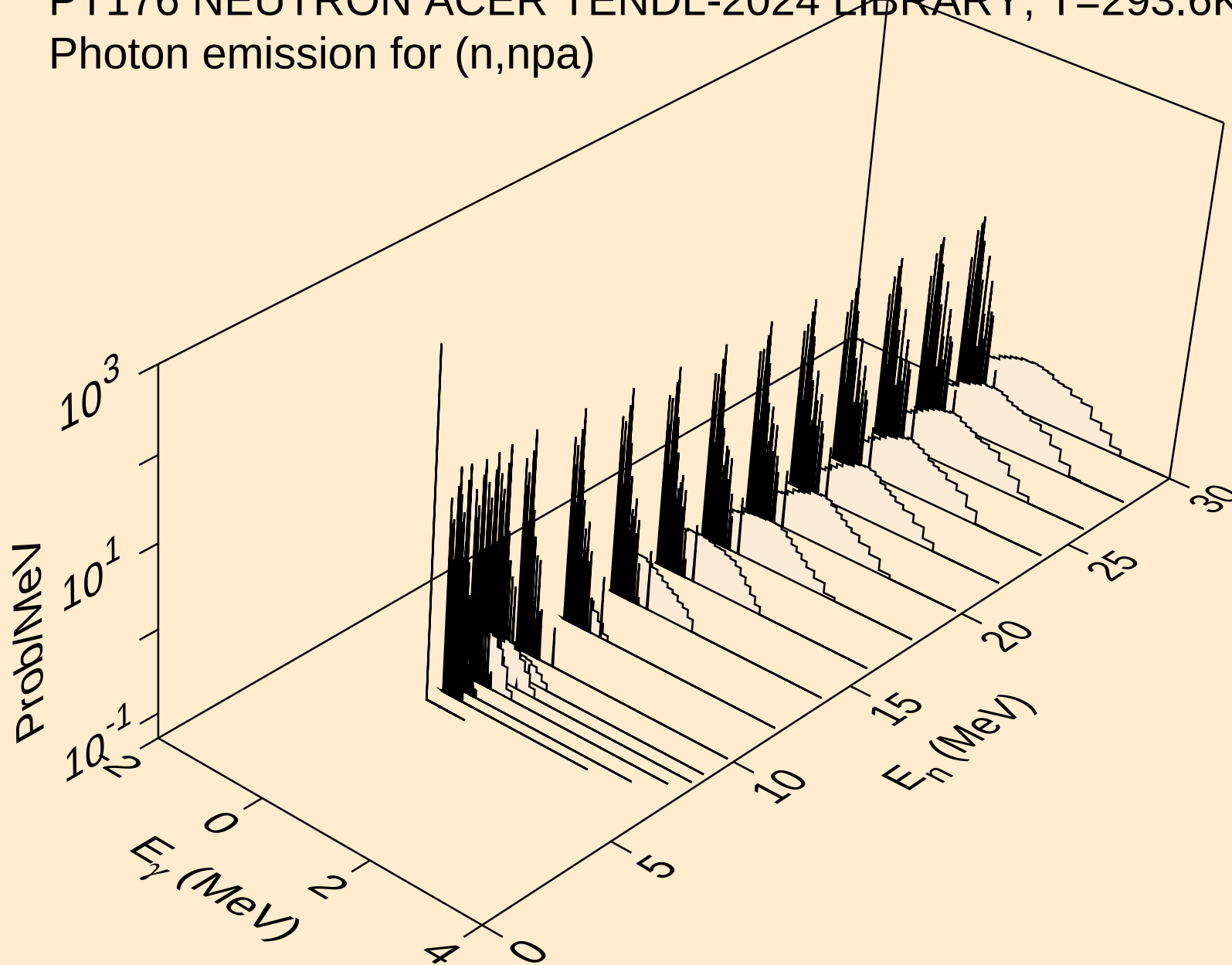
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



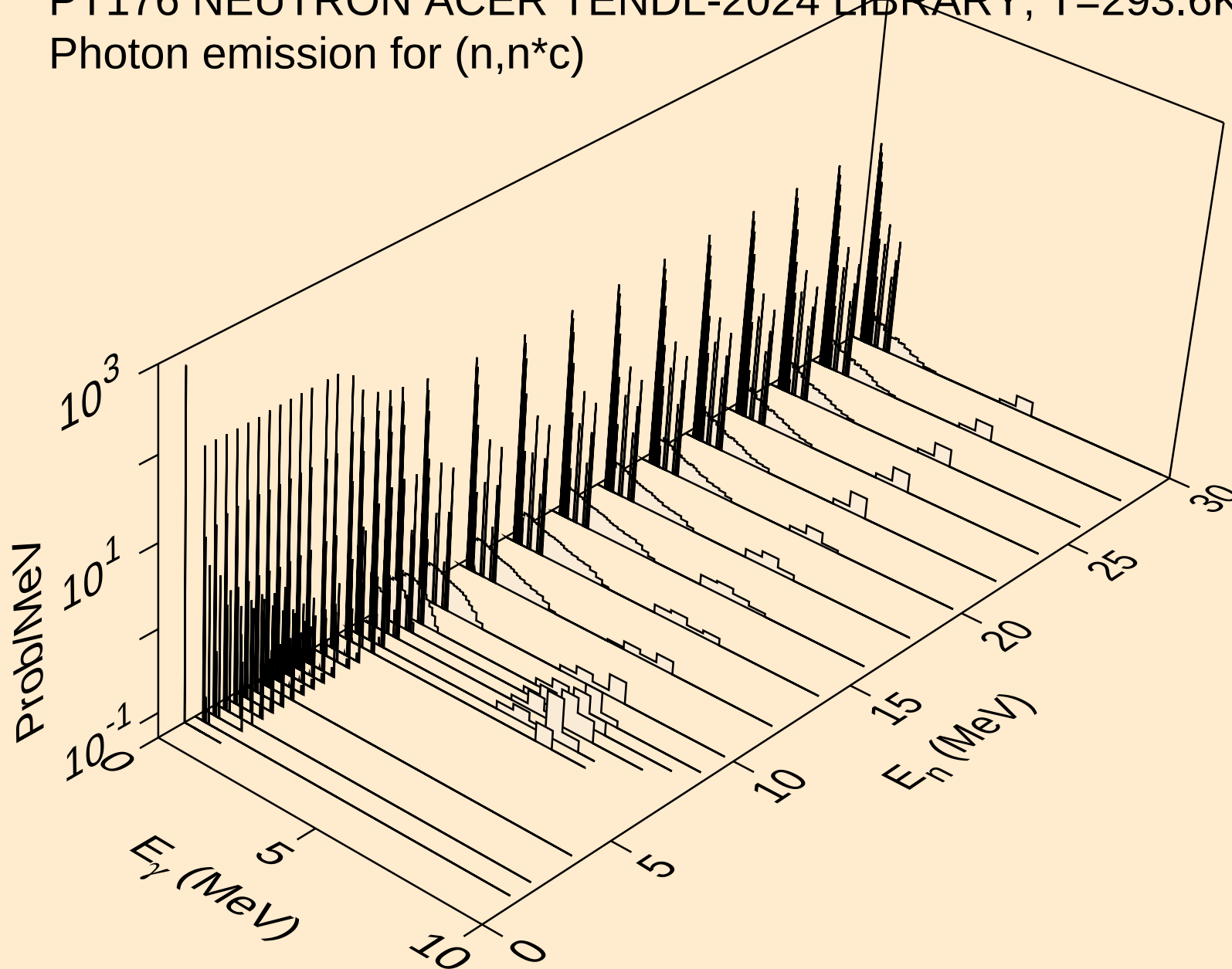
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



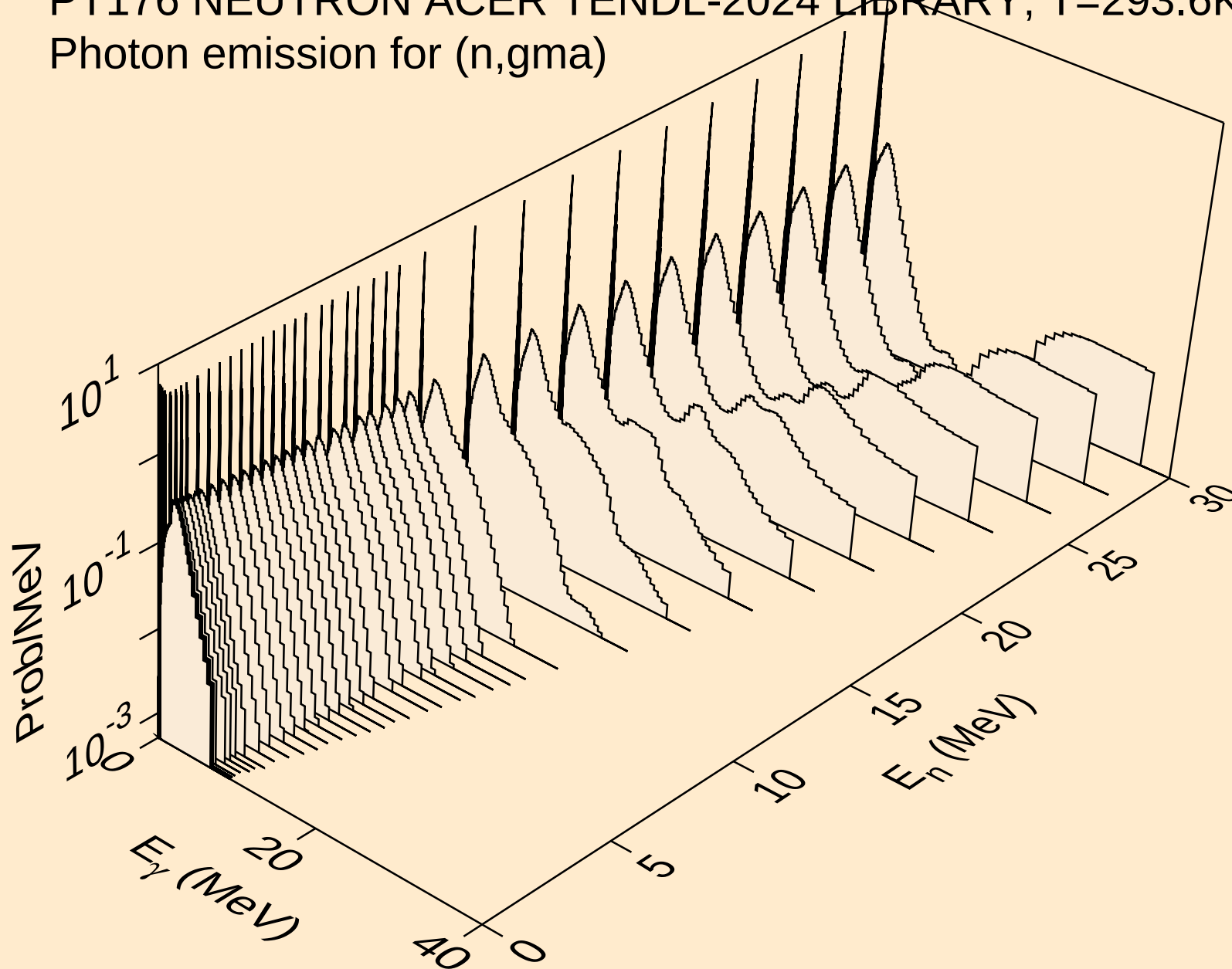
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



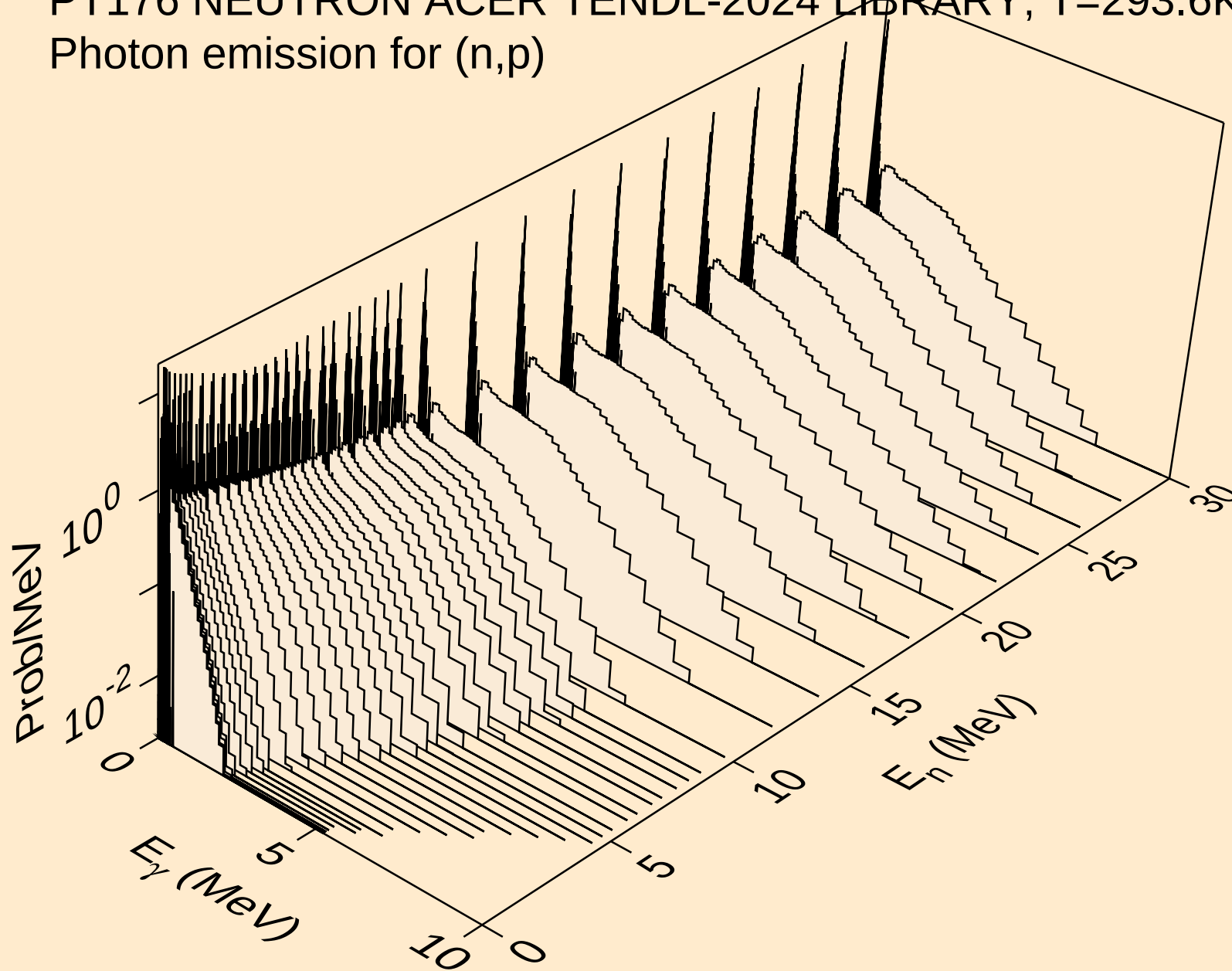
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



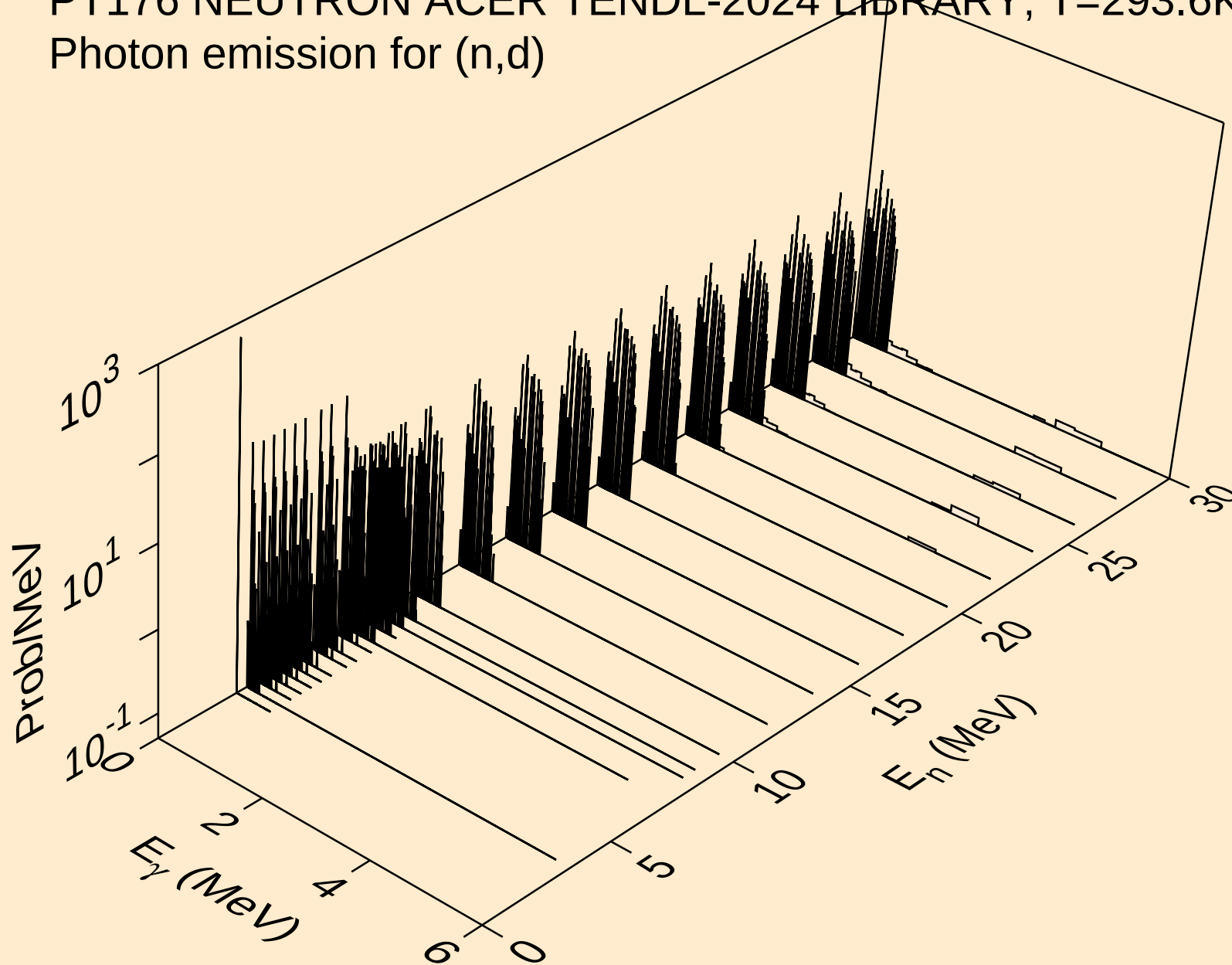
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



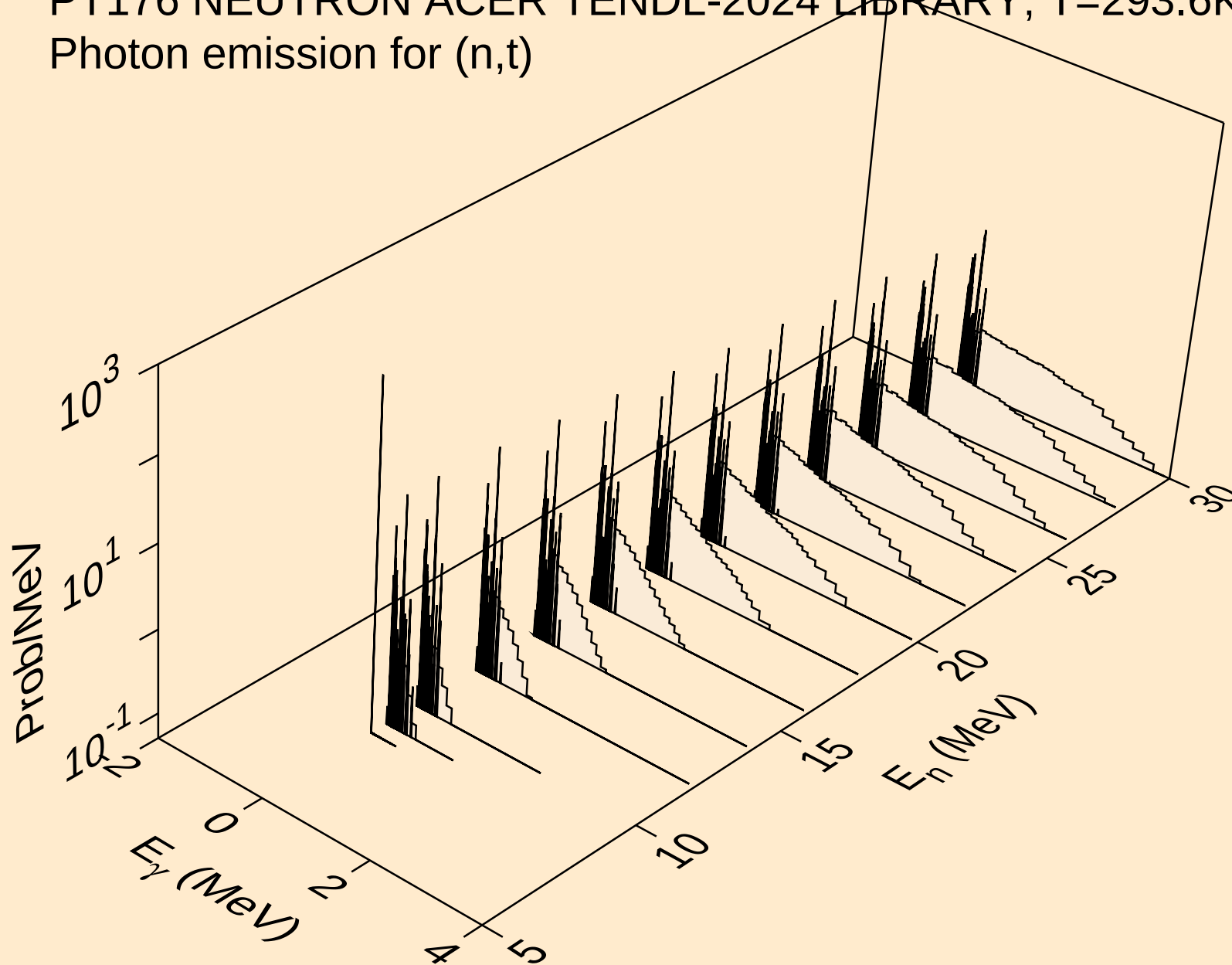
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



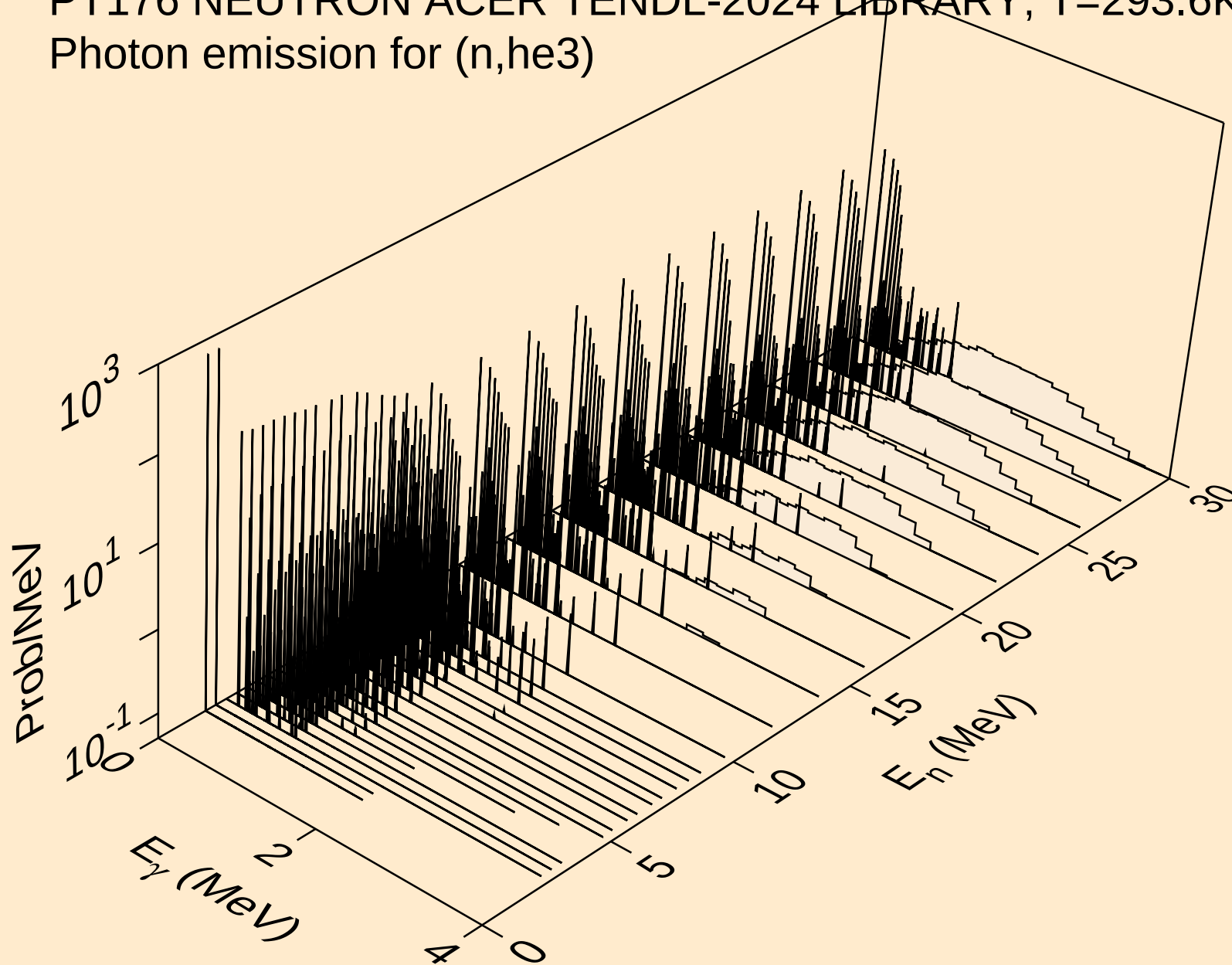
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



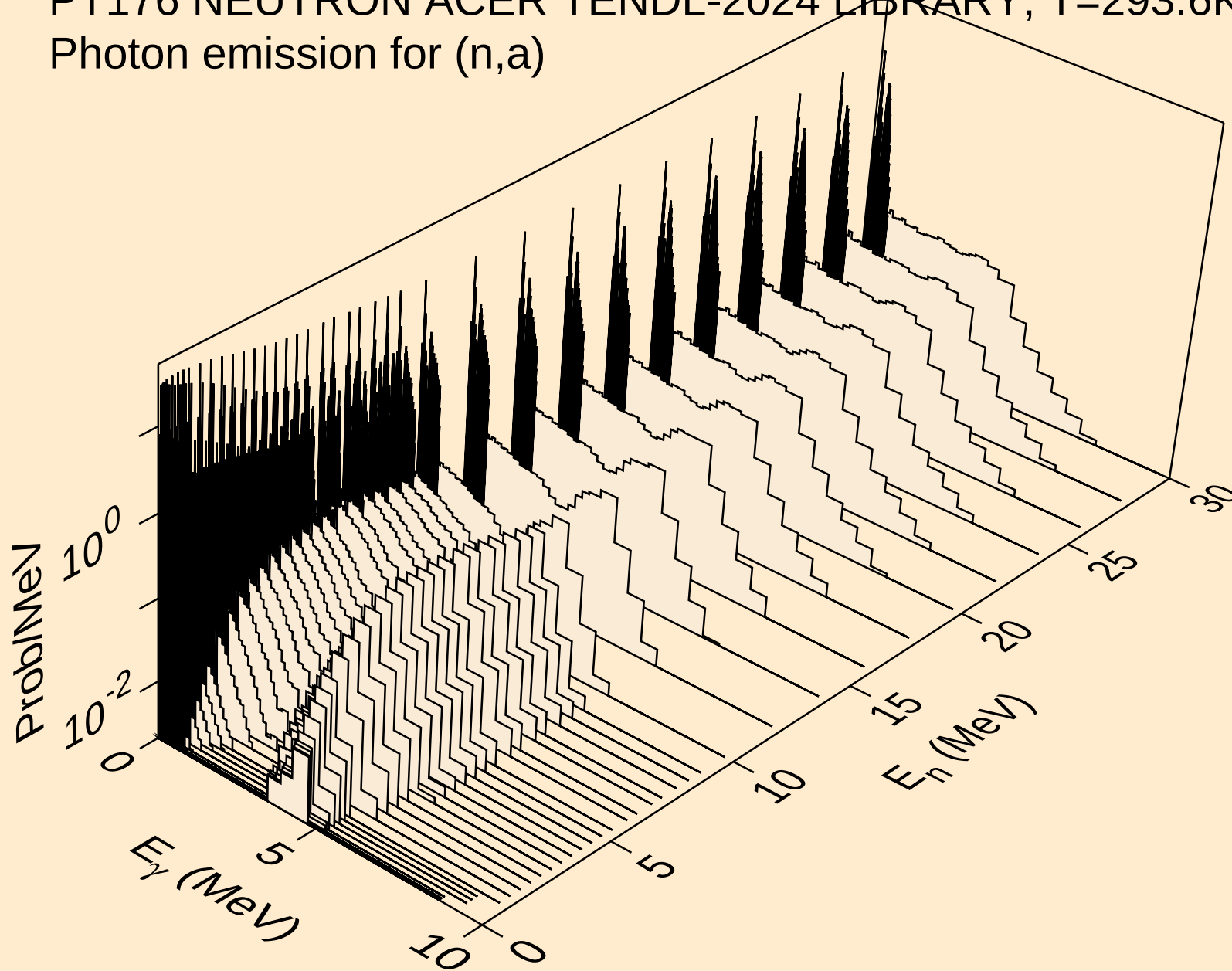
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



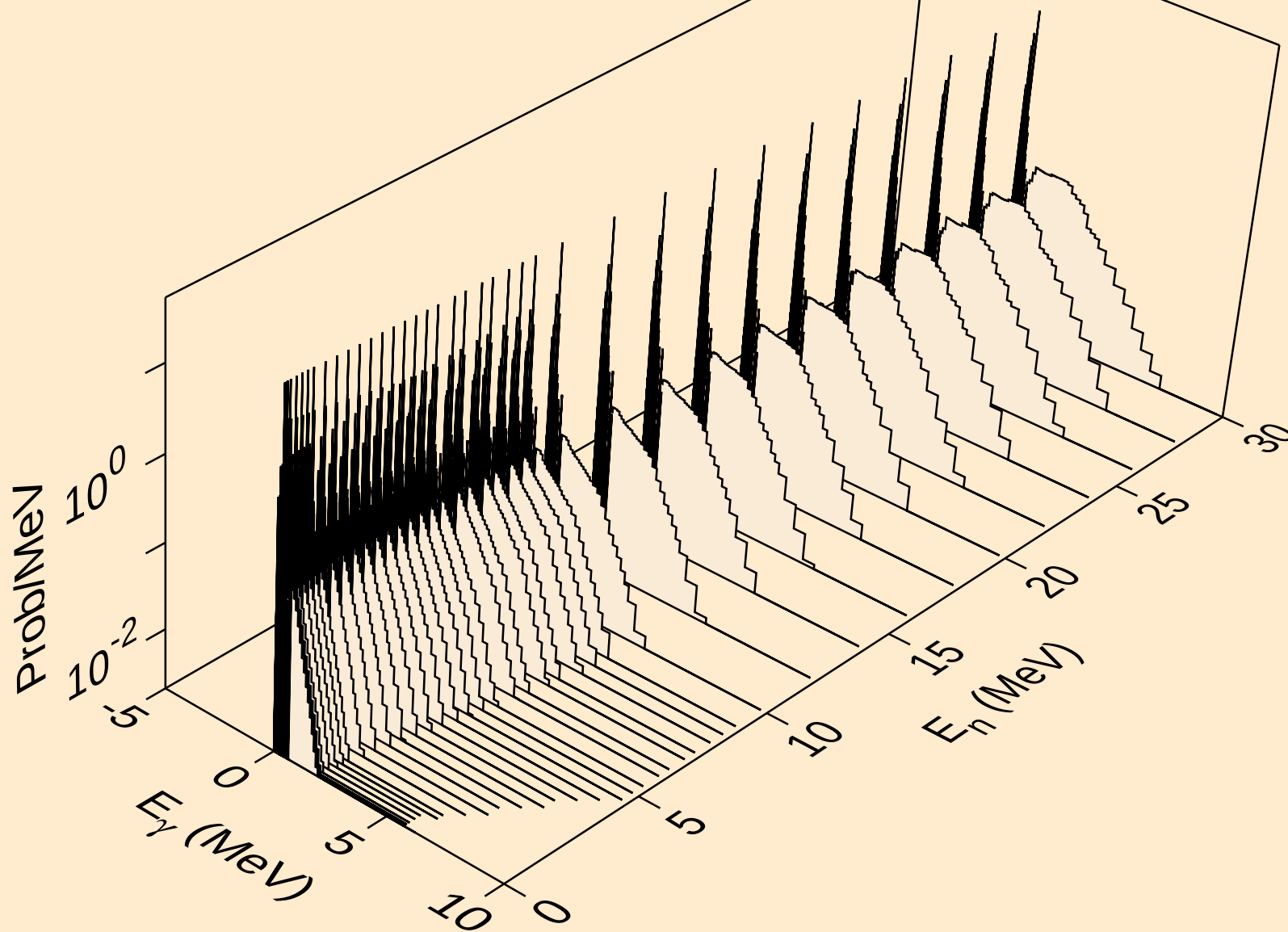
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Photon emission for (n,he3)



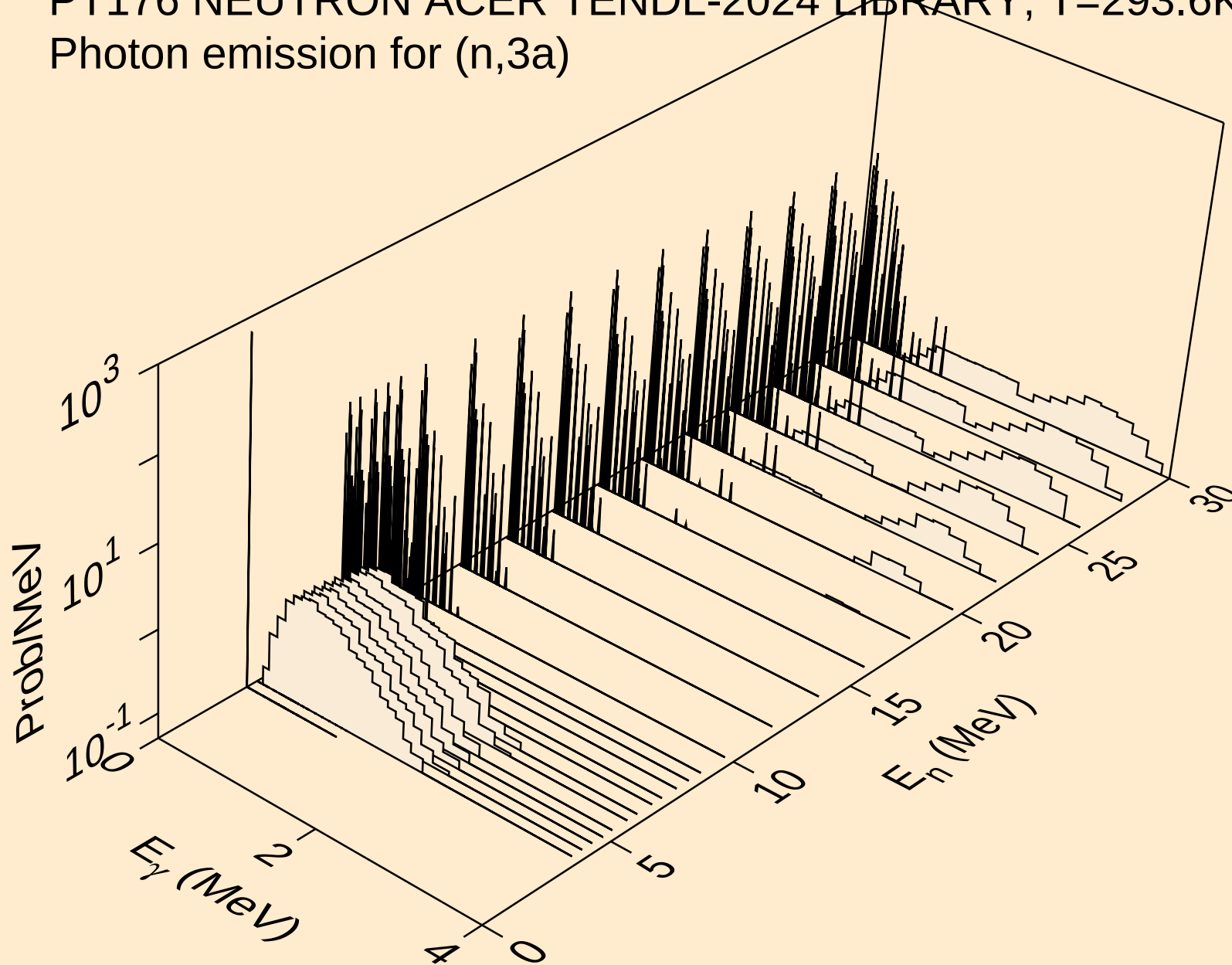
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Photon emission for (n,a)



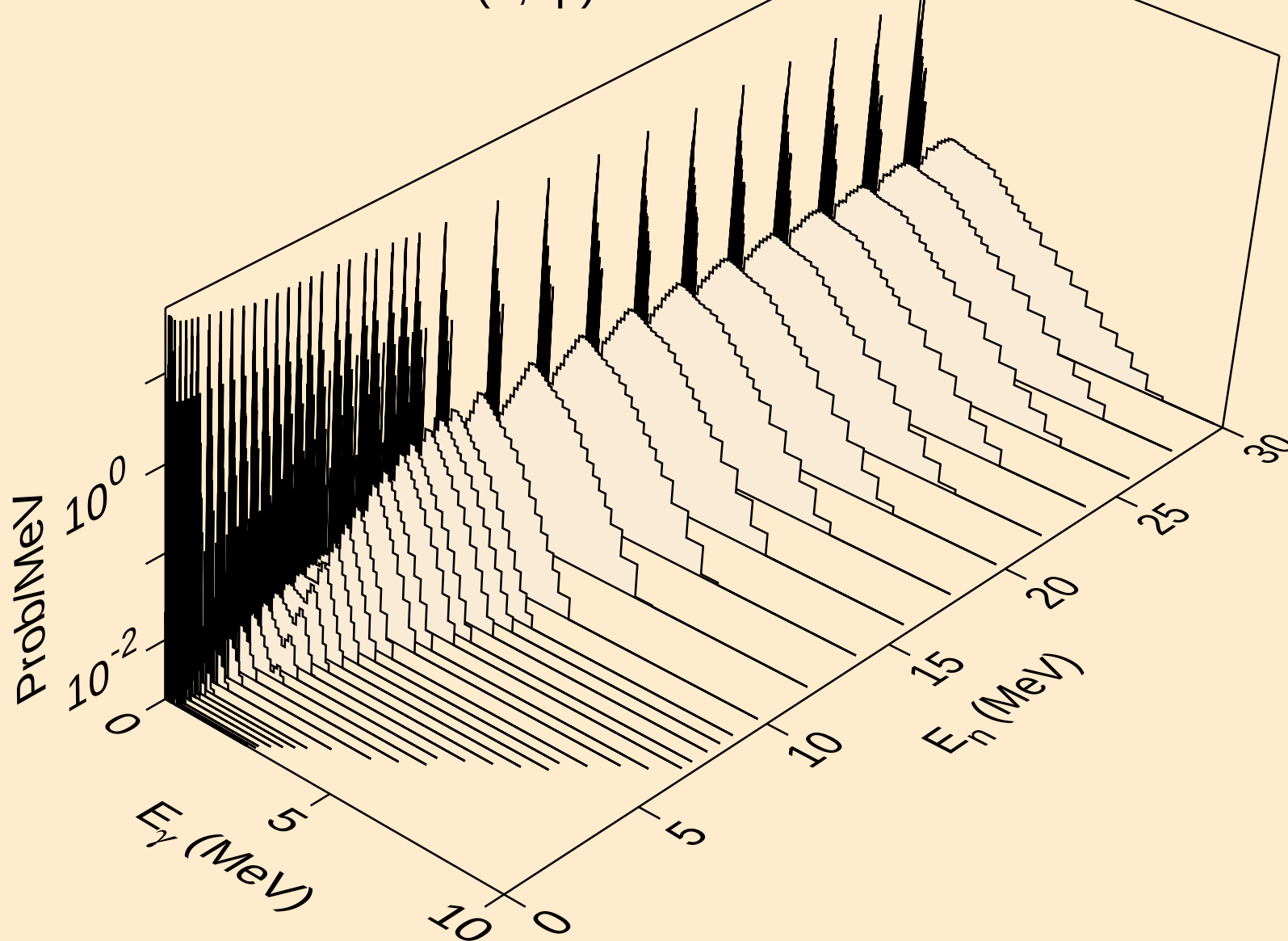
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



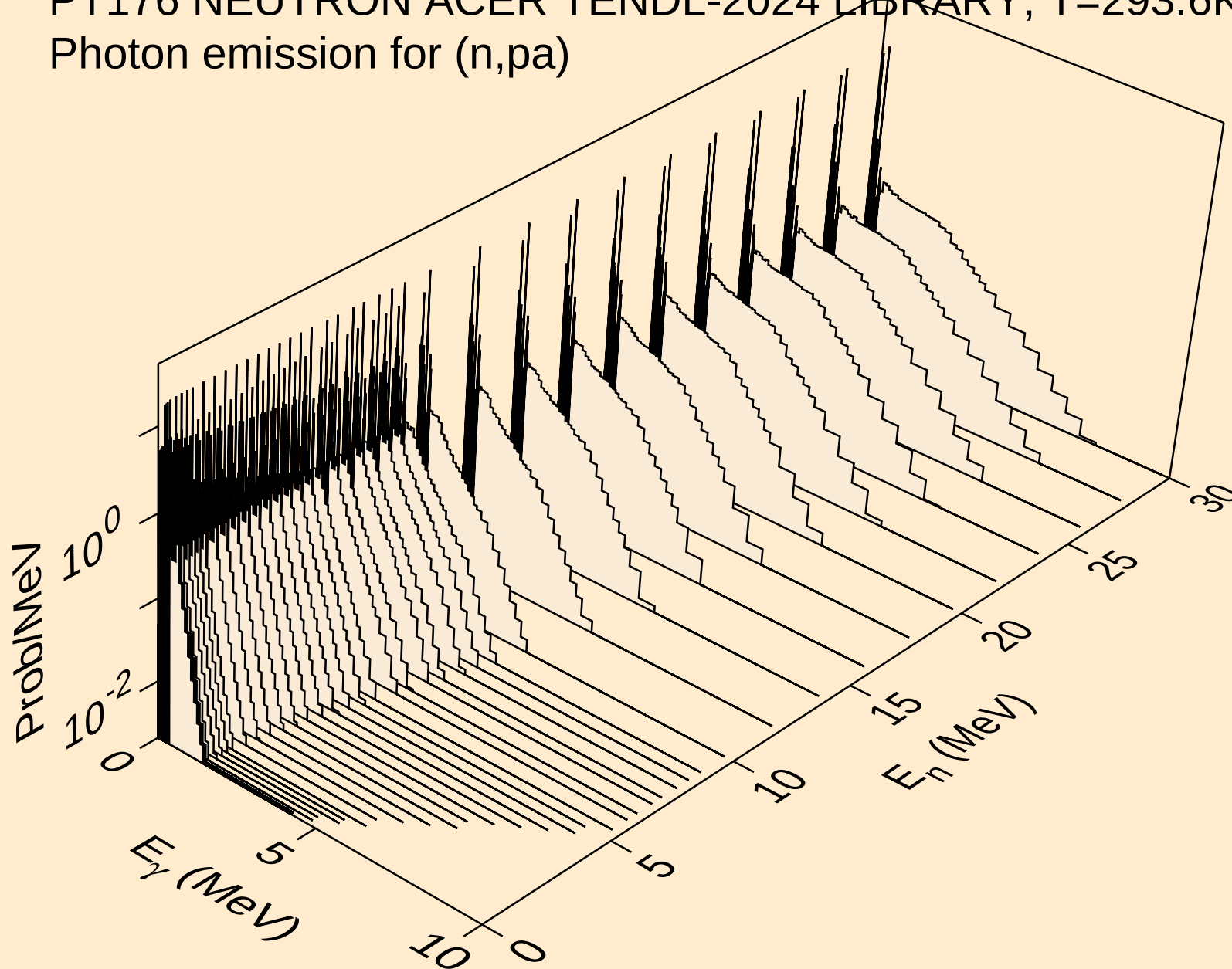
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



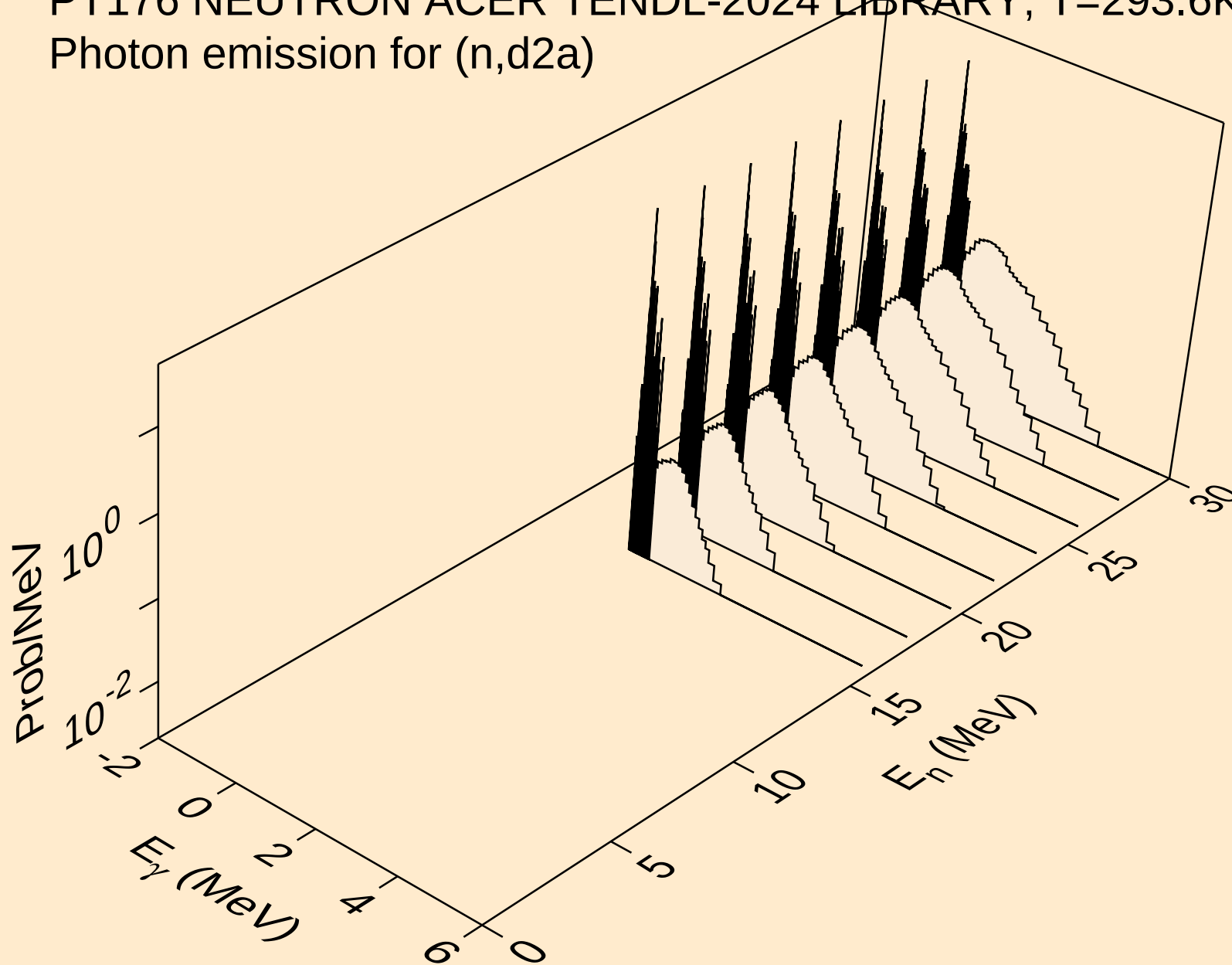
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



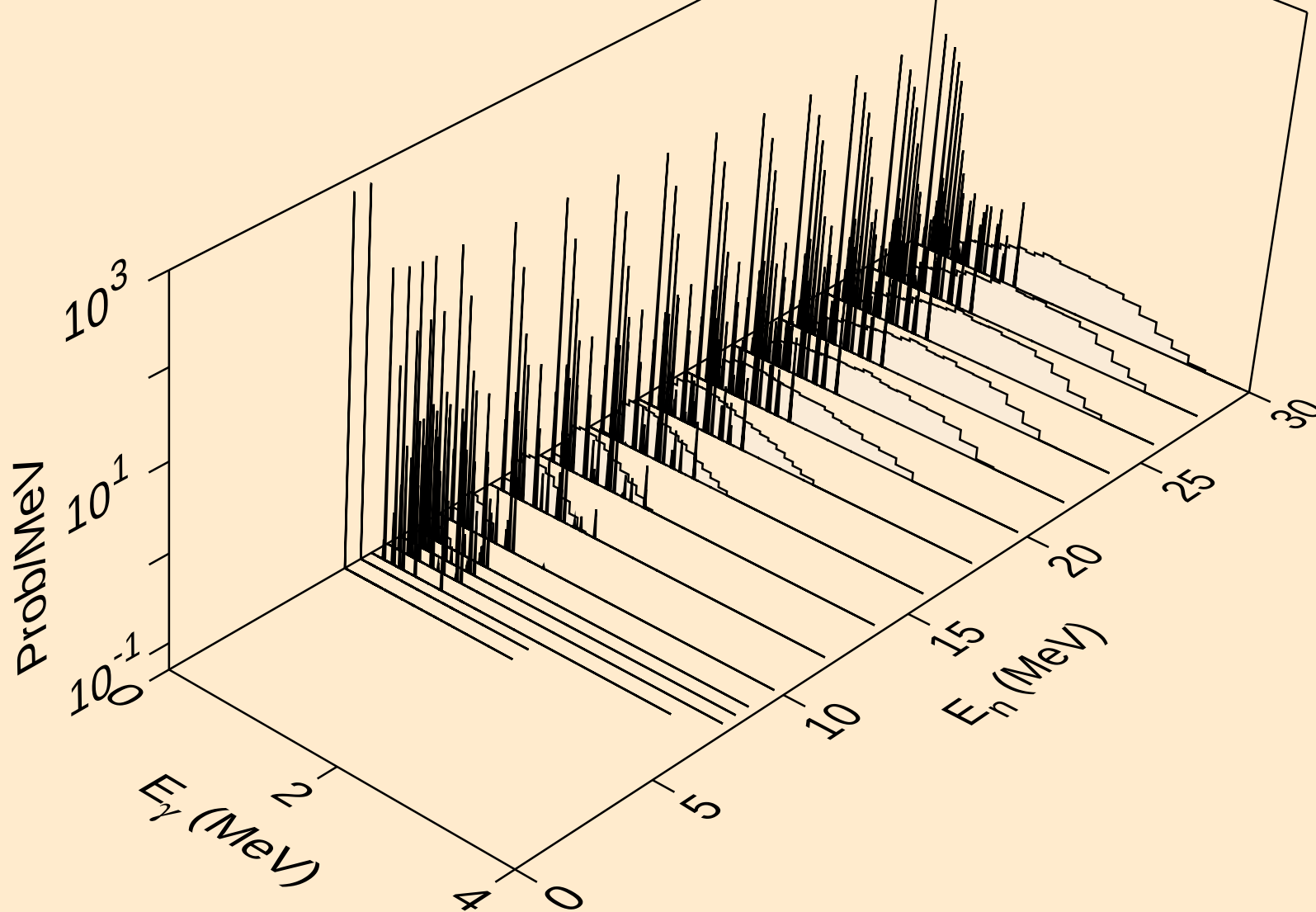
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



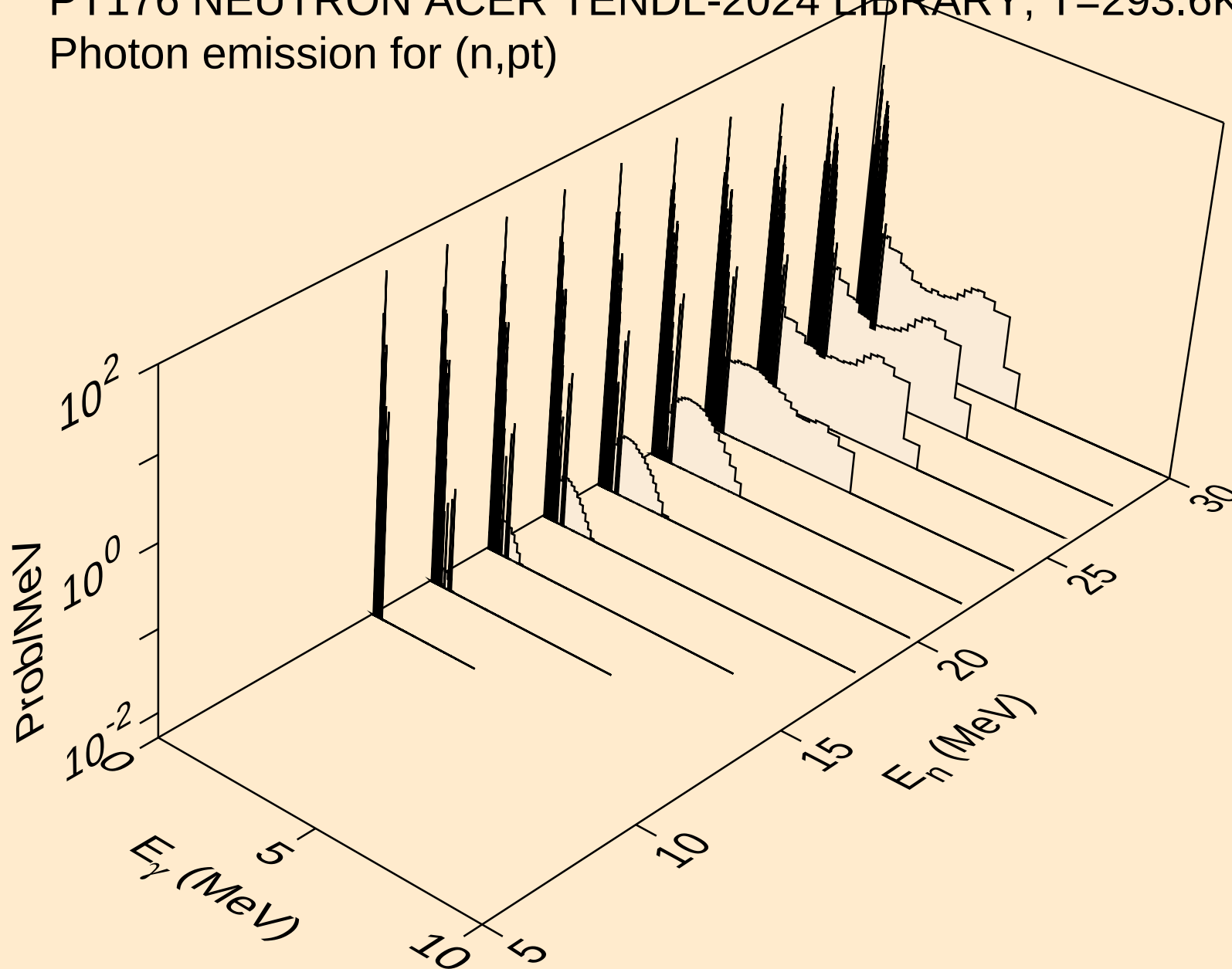
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



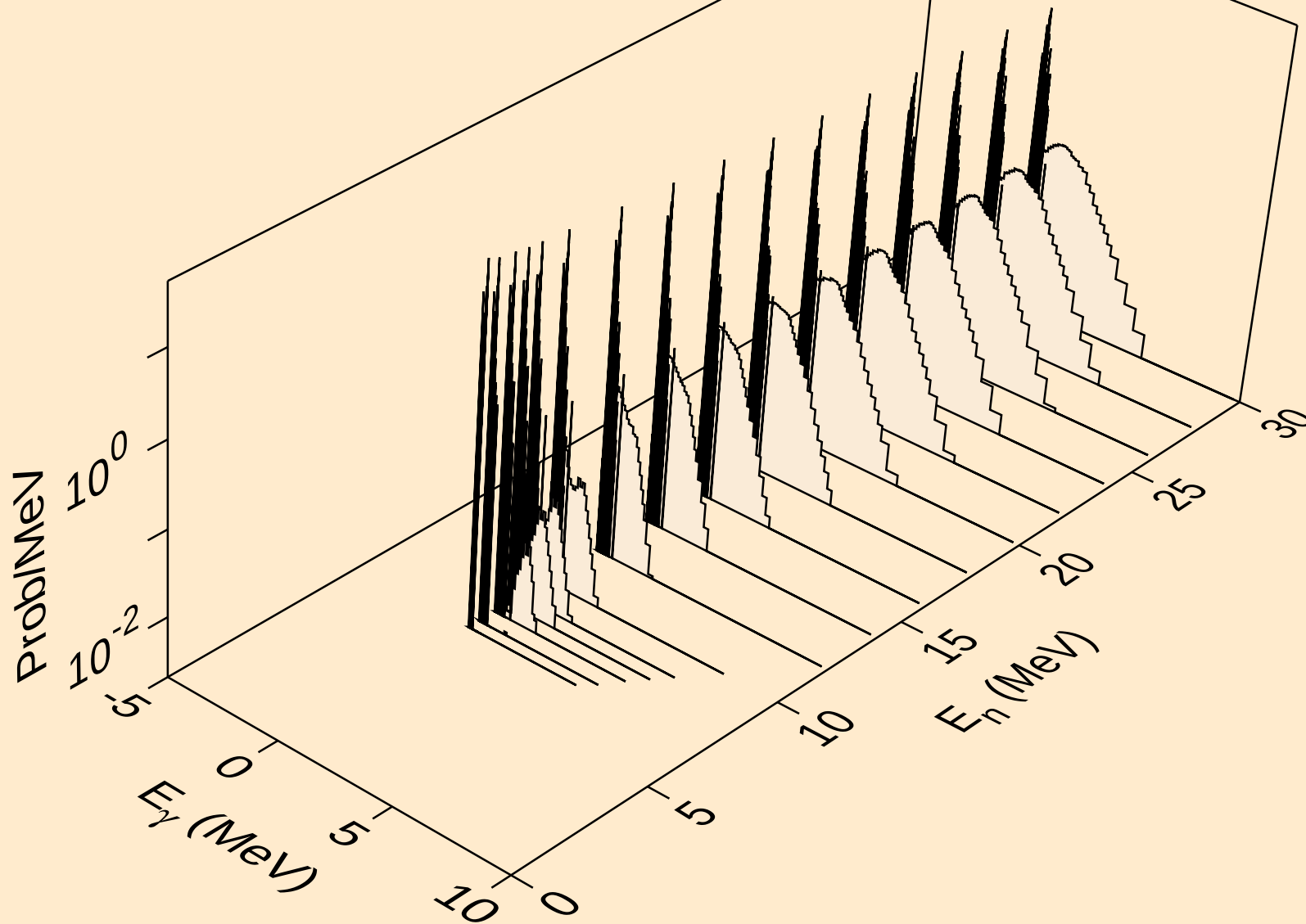
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



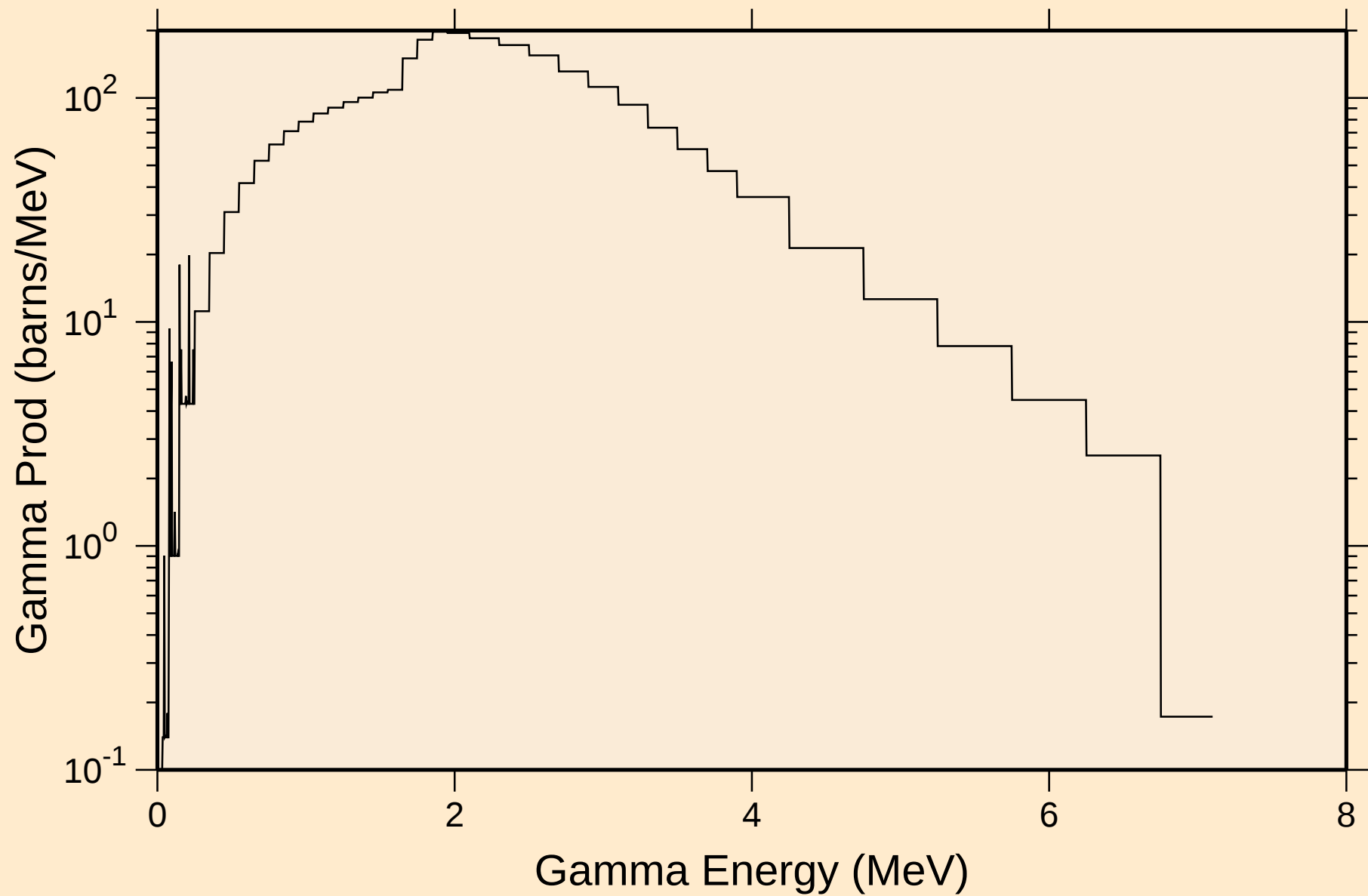
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



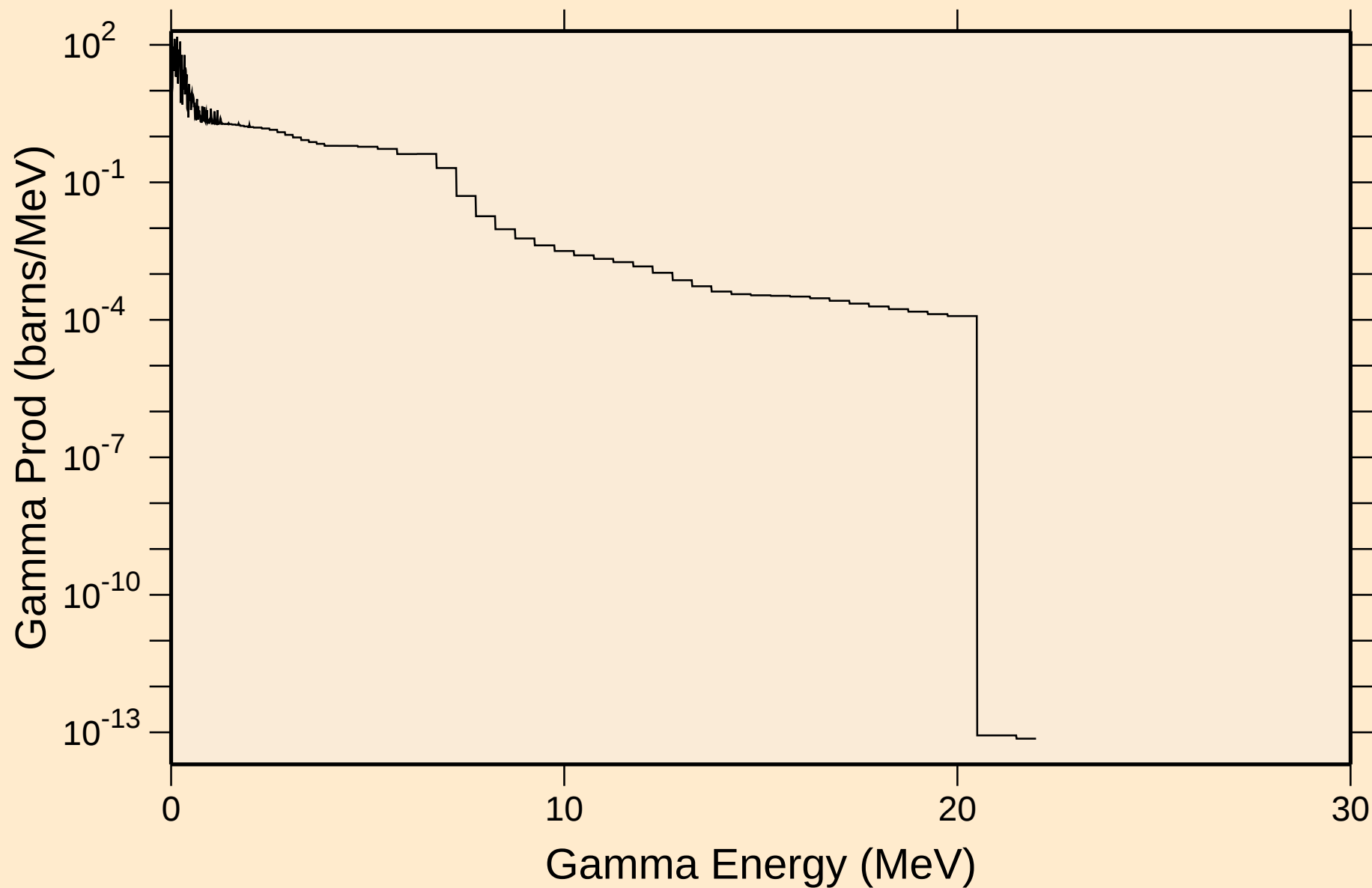
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



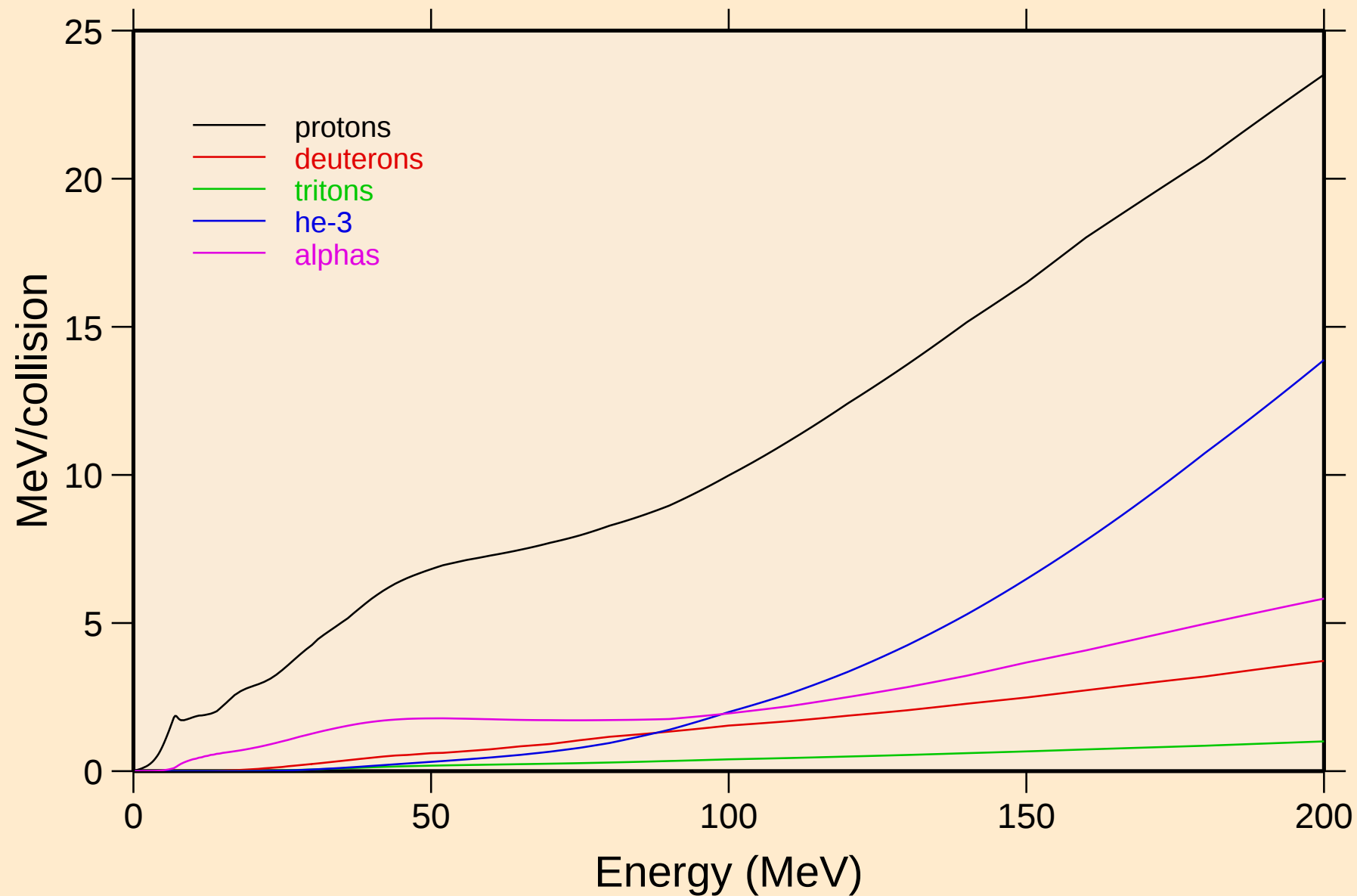
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



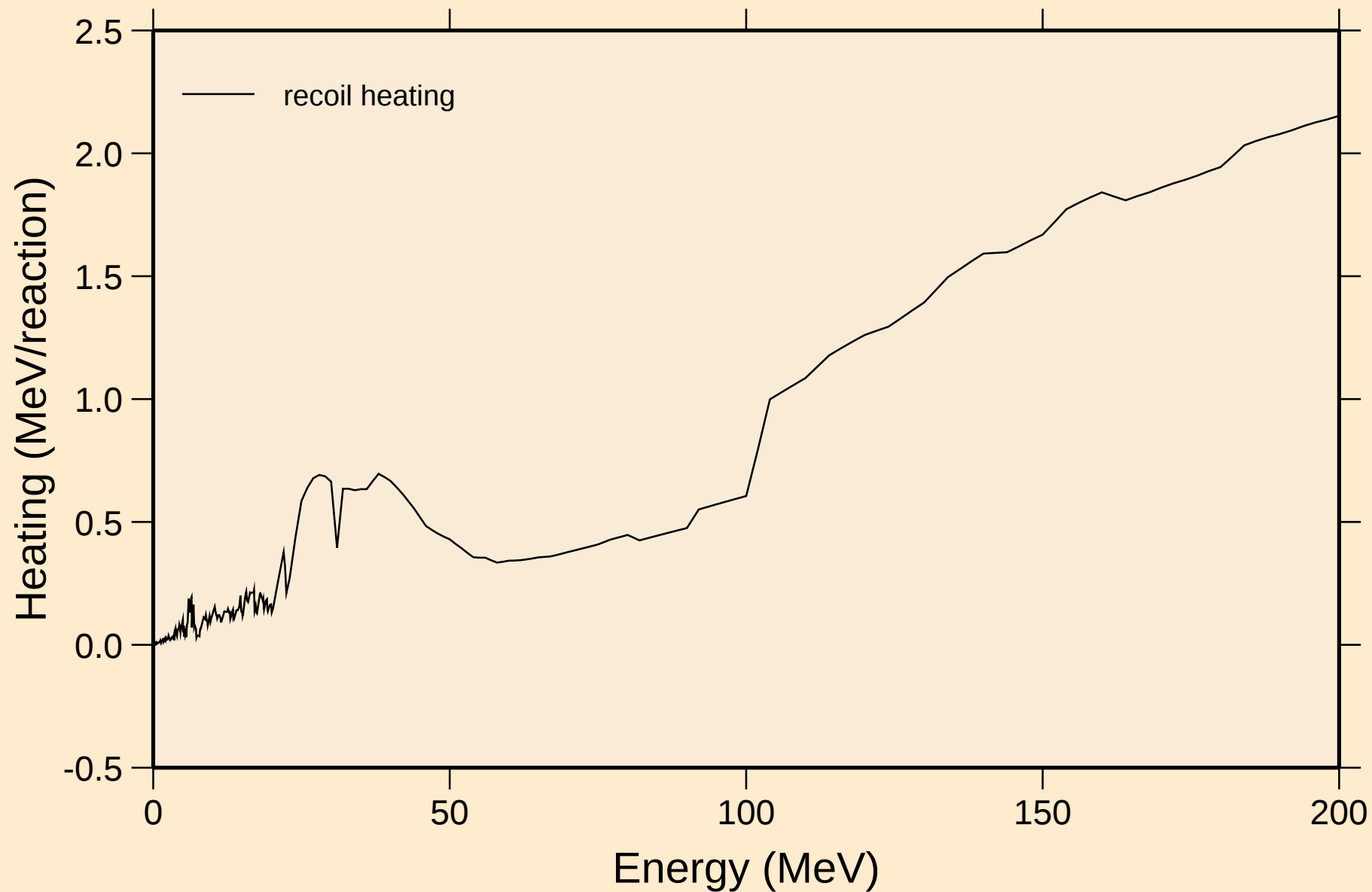
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



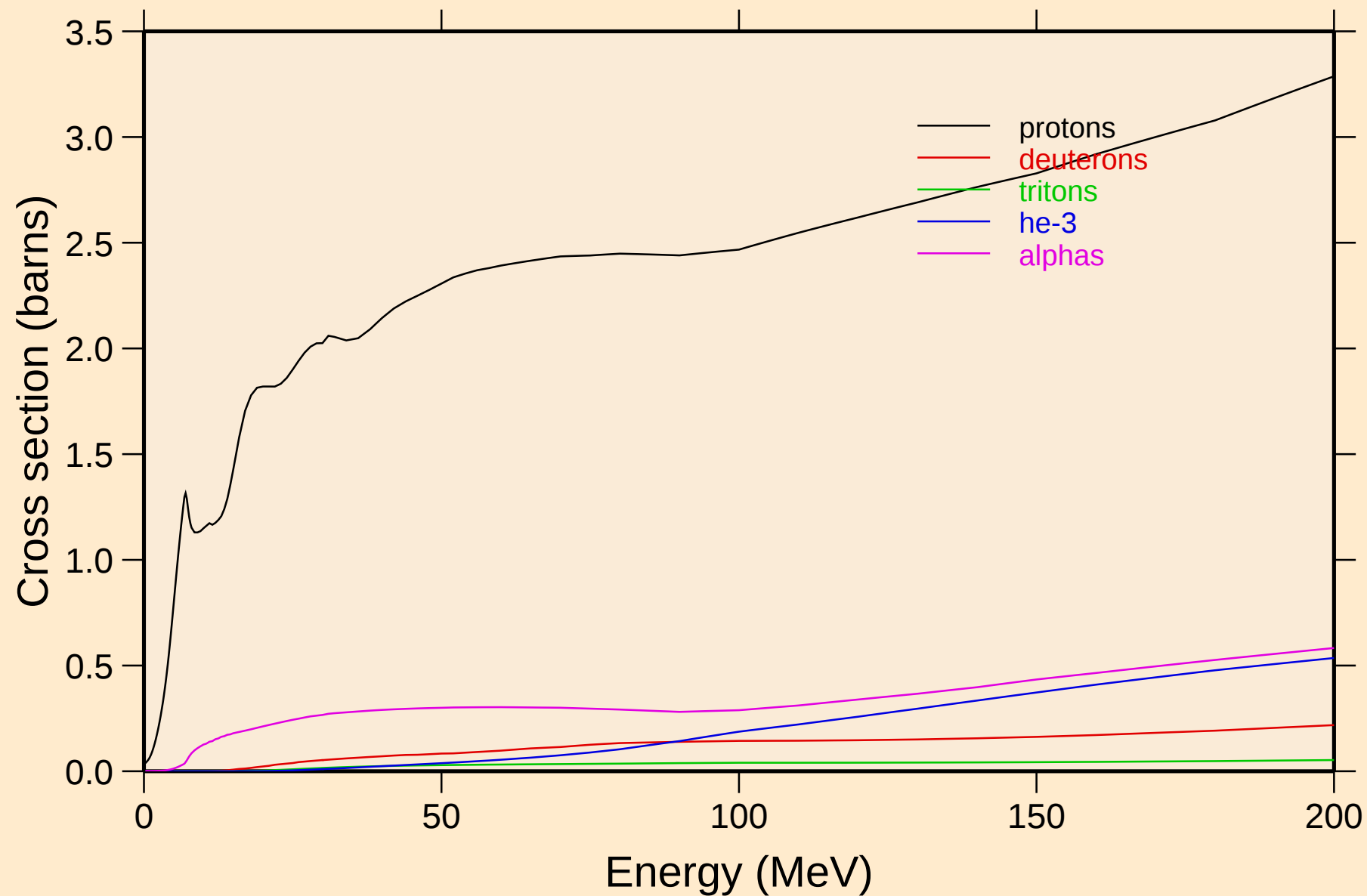
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions



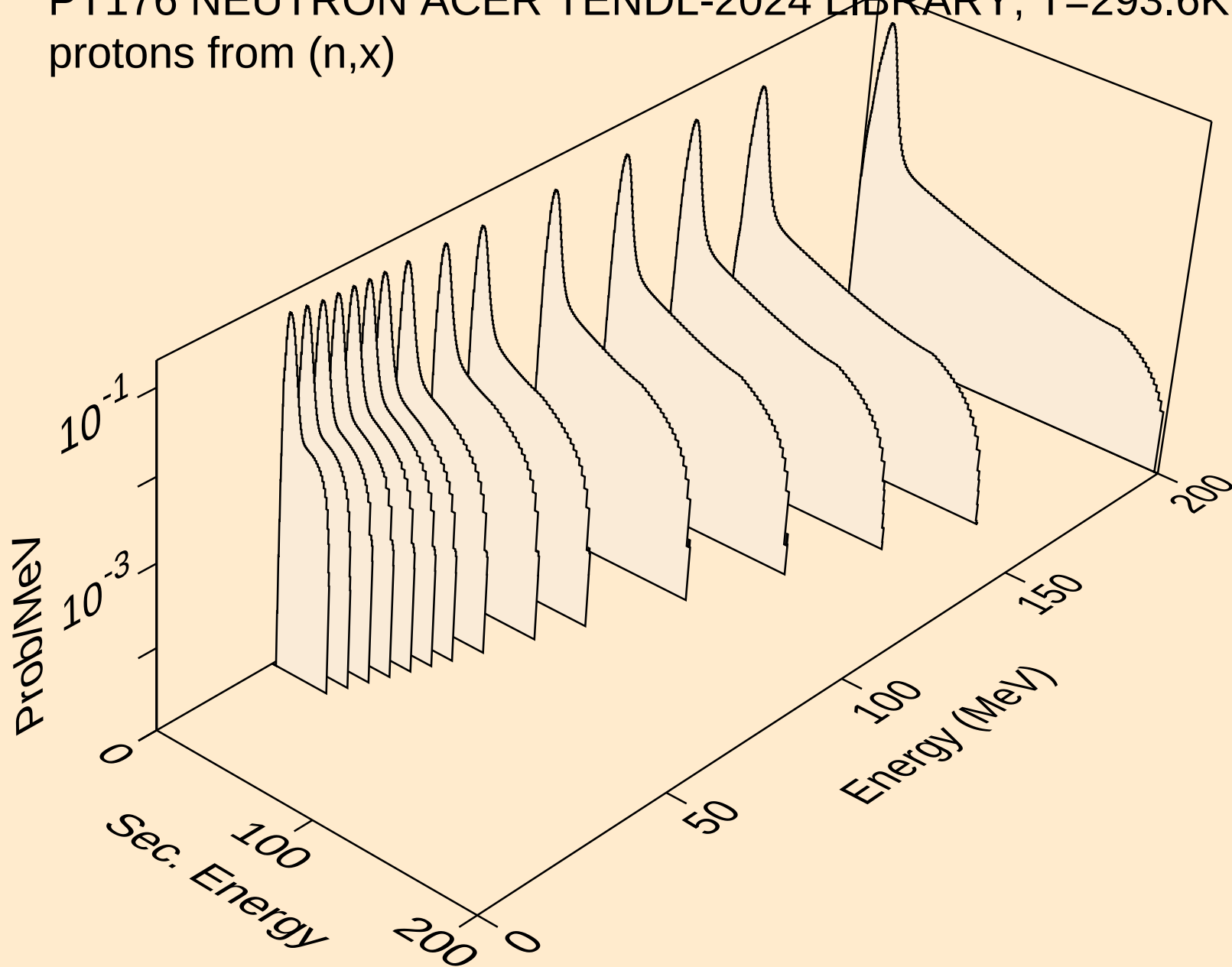
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Recoil Heating



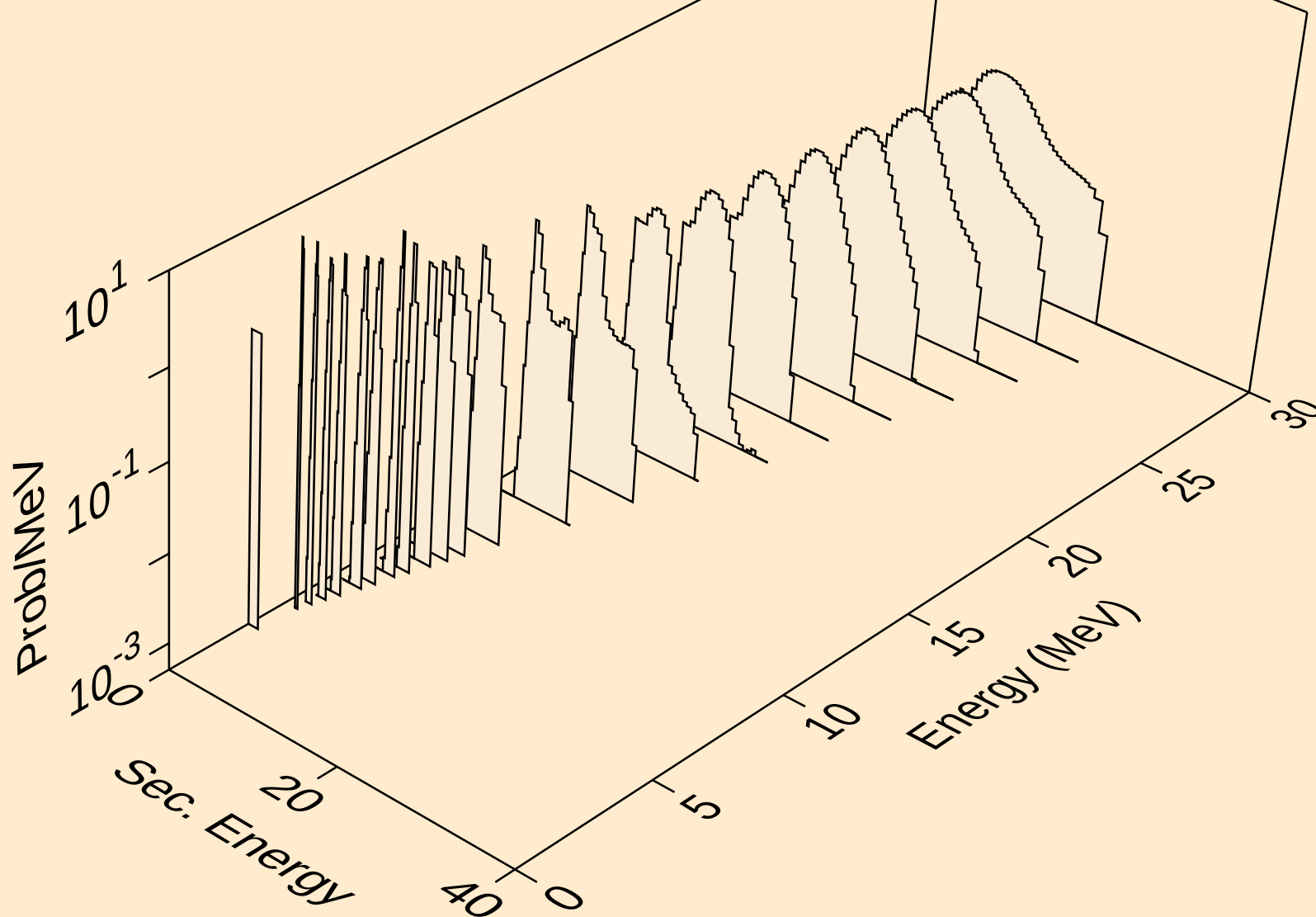
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



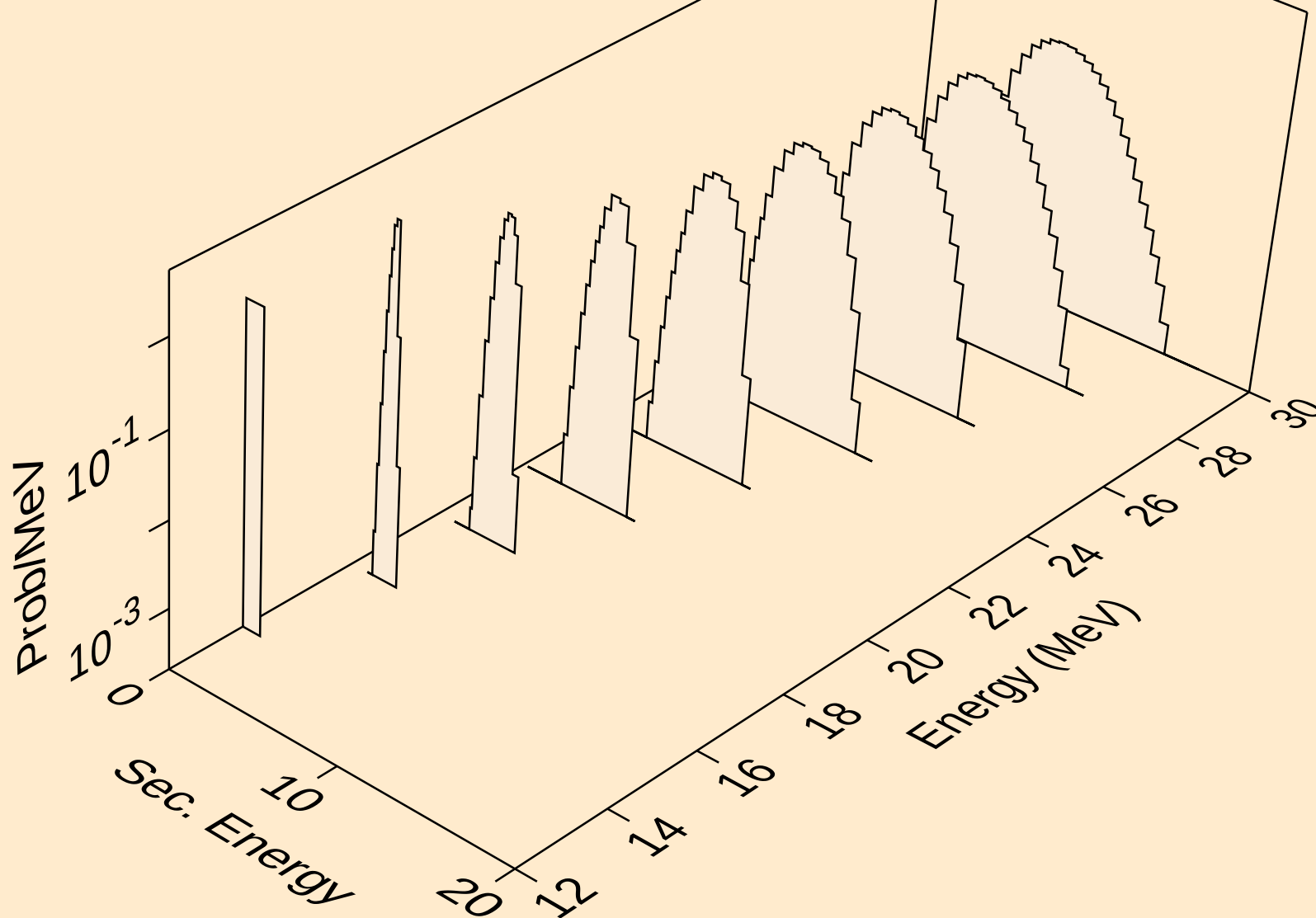
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



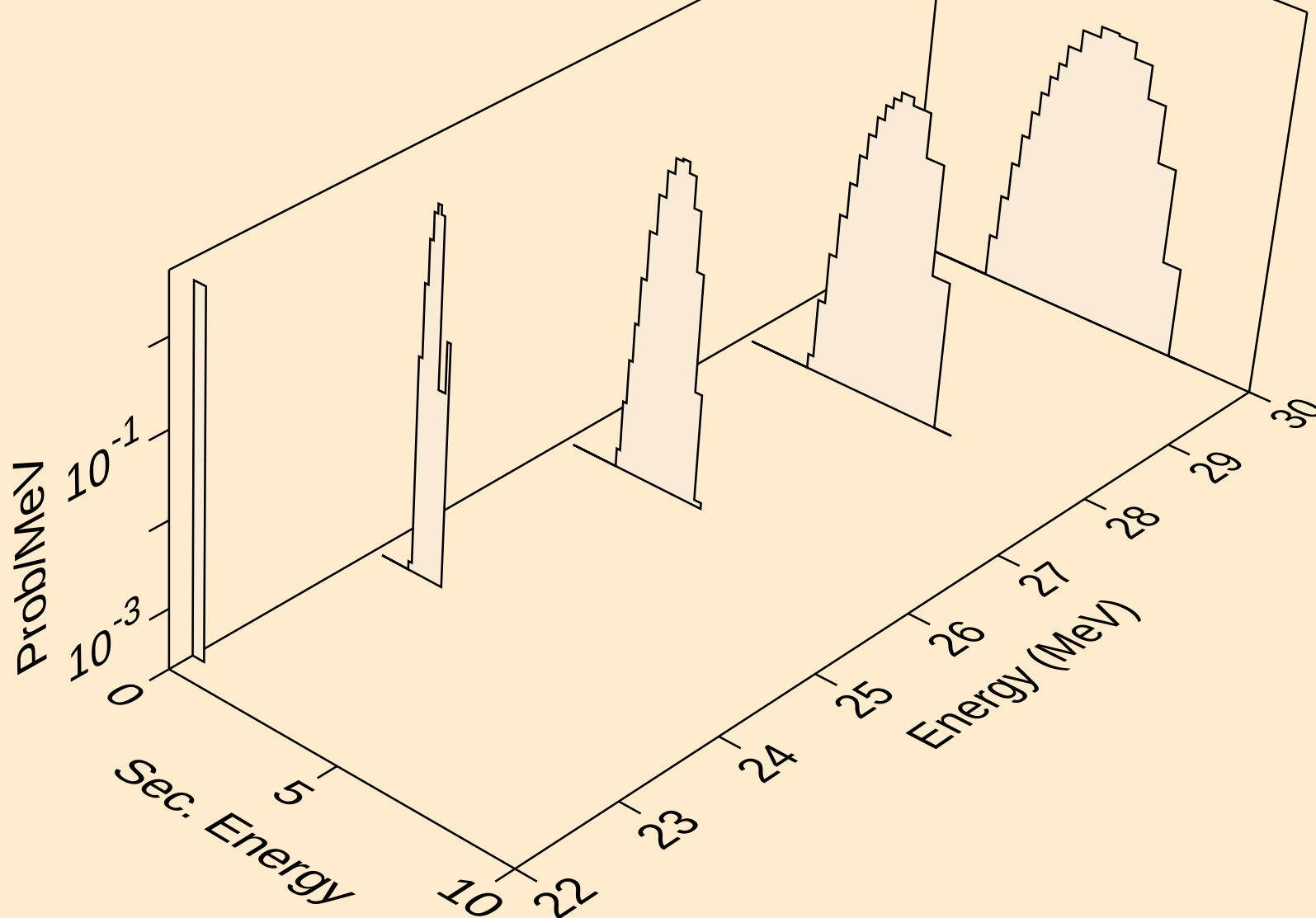
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



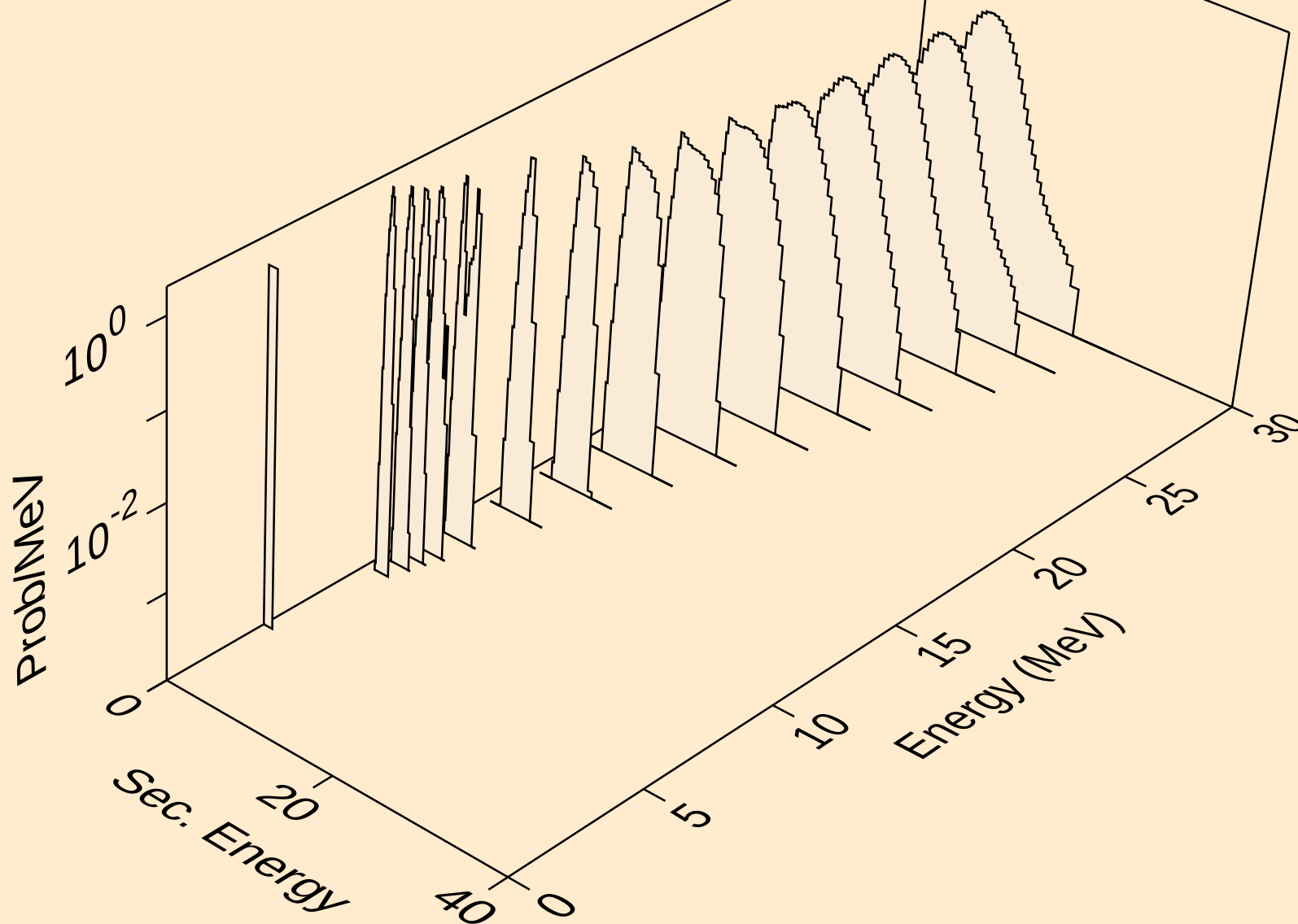
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protons from (n,2np)



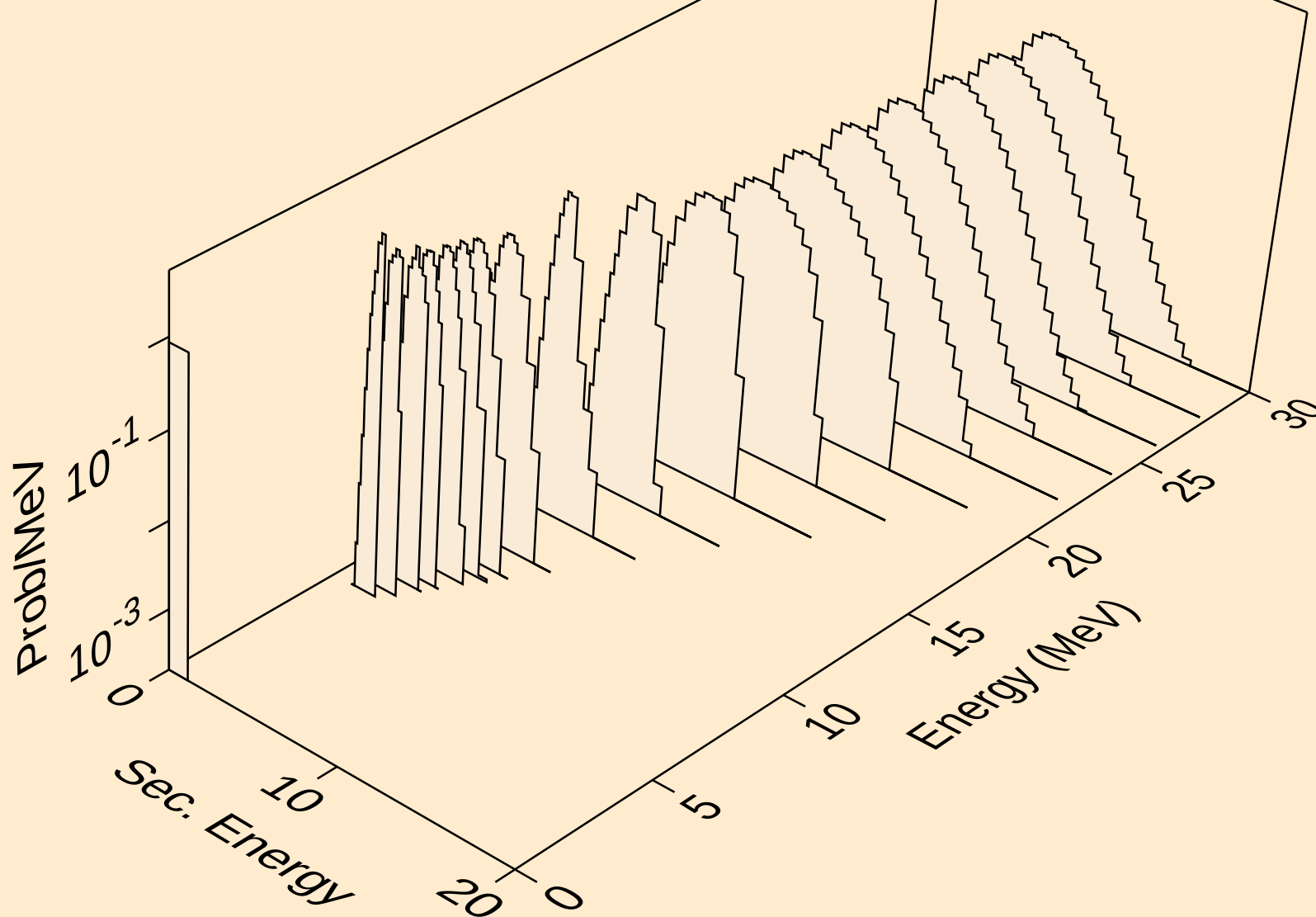
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protons from (n,3np)



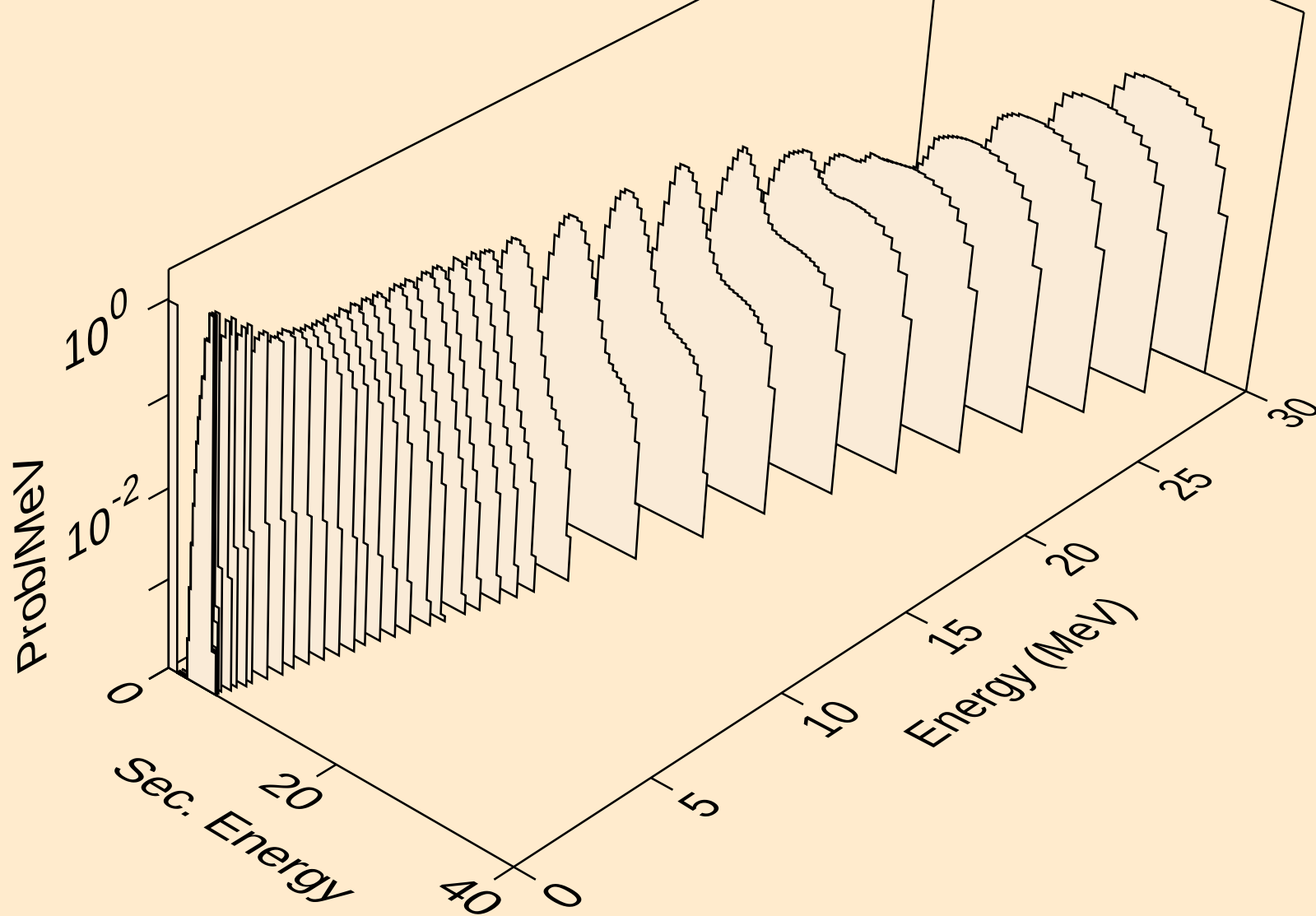
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protons from (n,n2p)



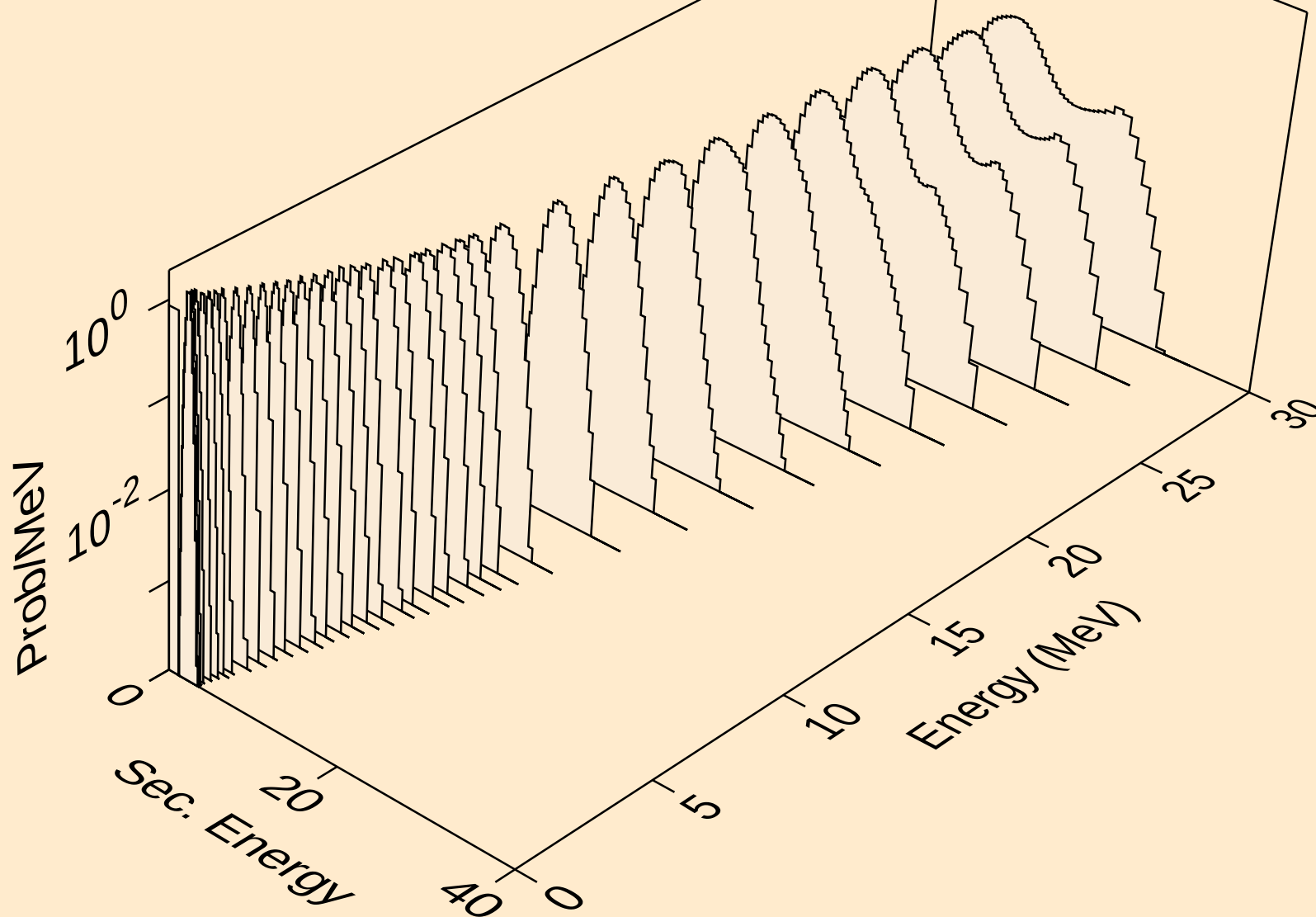
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protons from (n,npa)



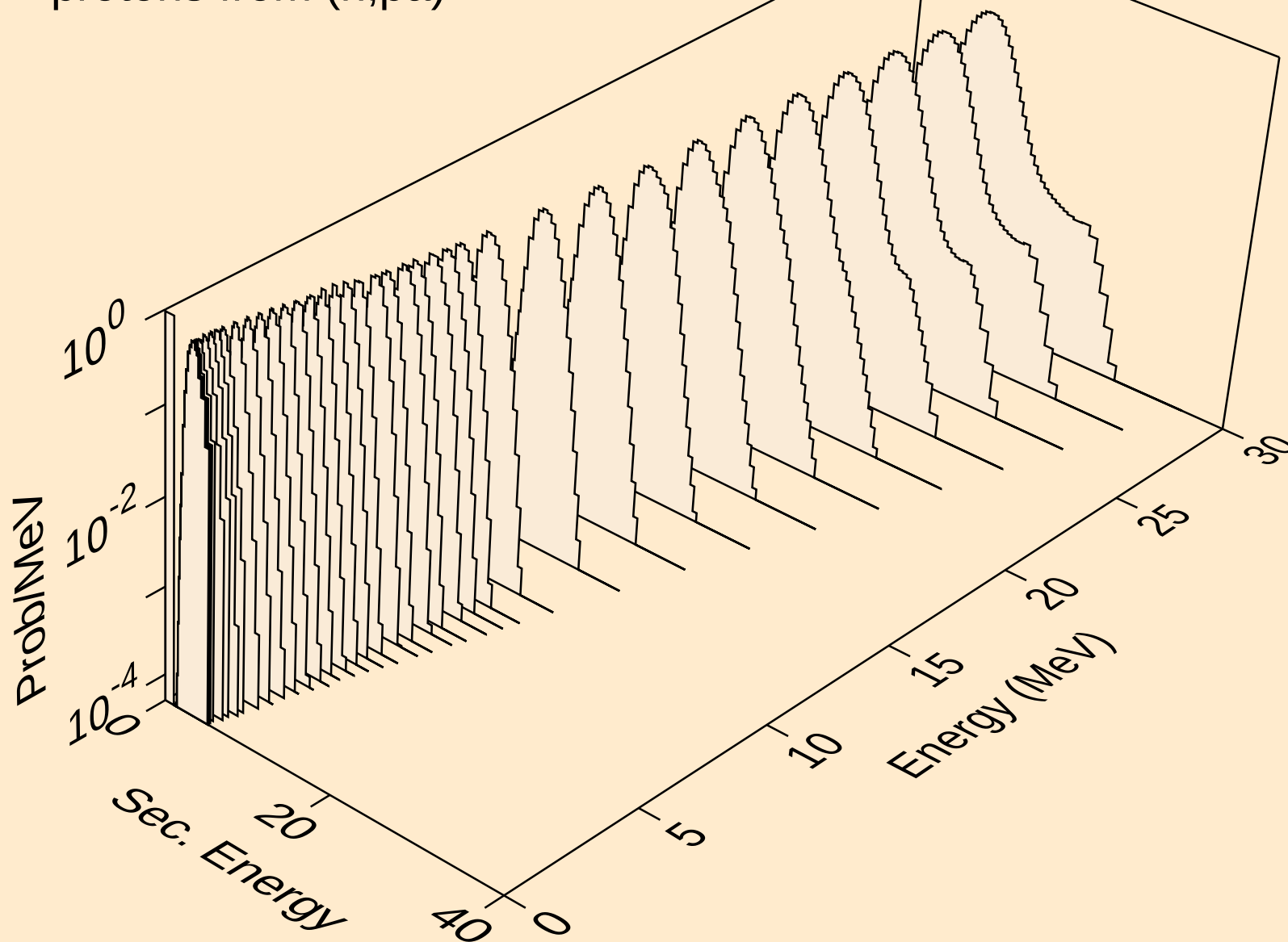
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protons from (n,p)



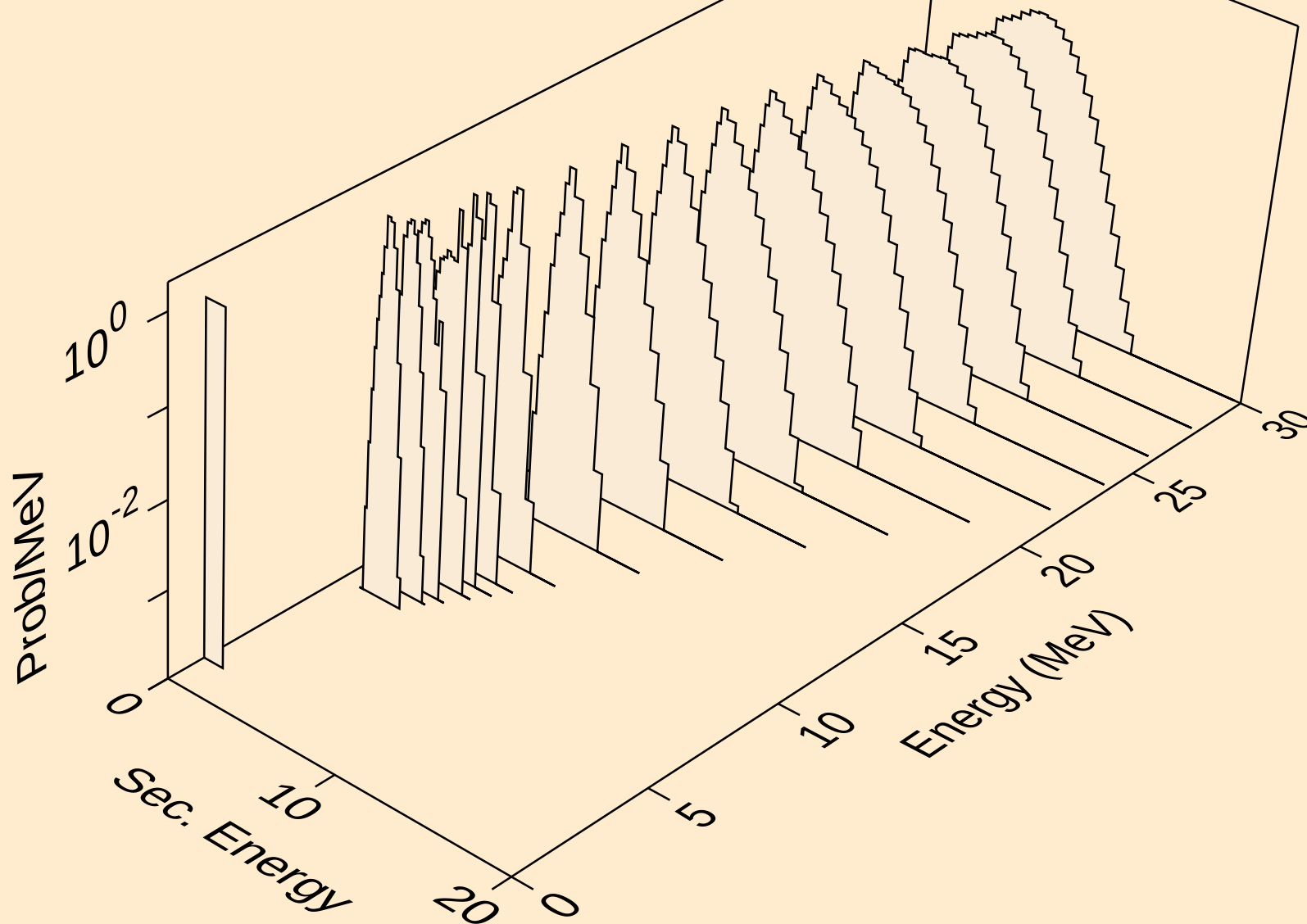
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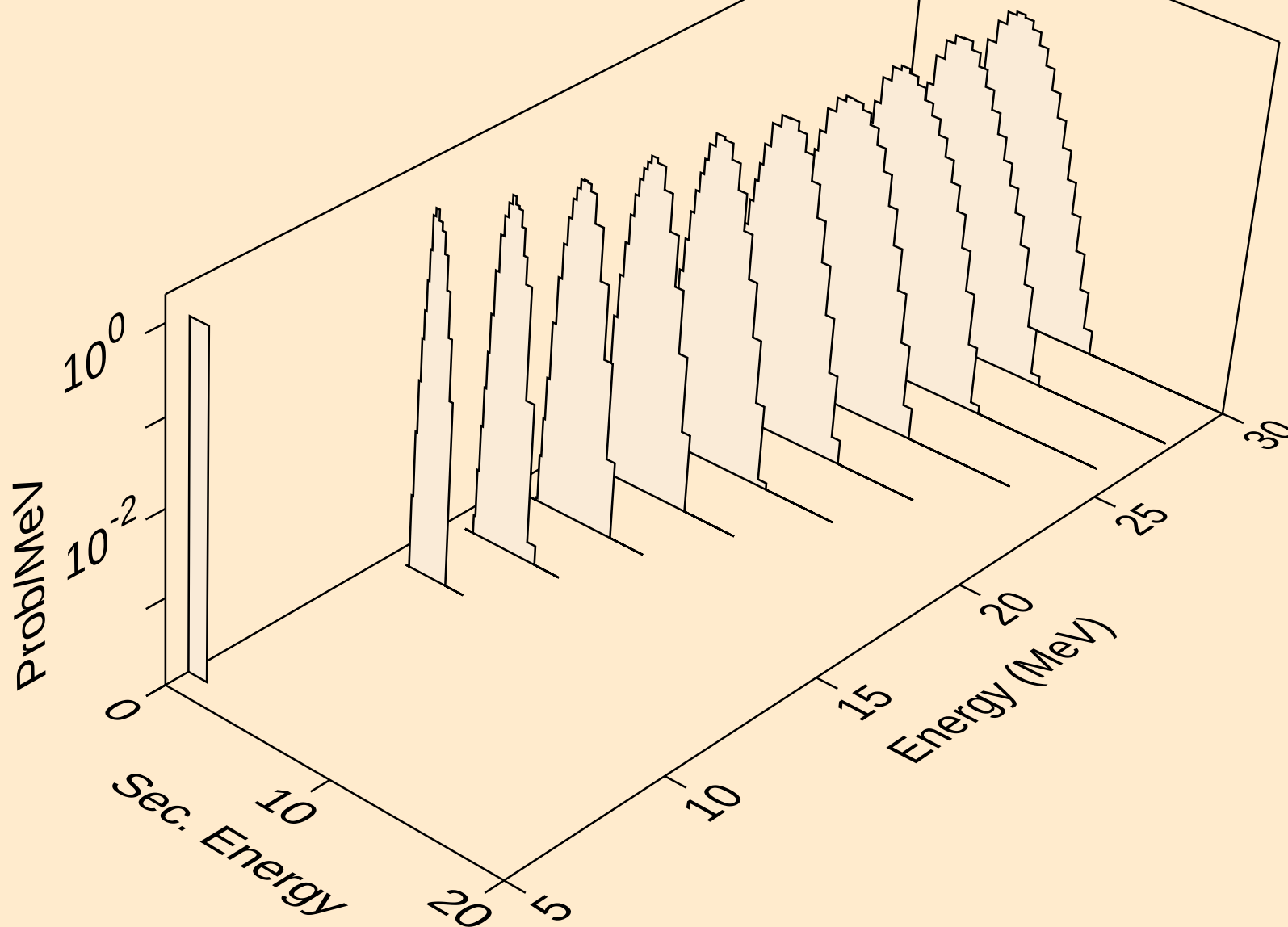
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protons from (n,p)



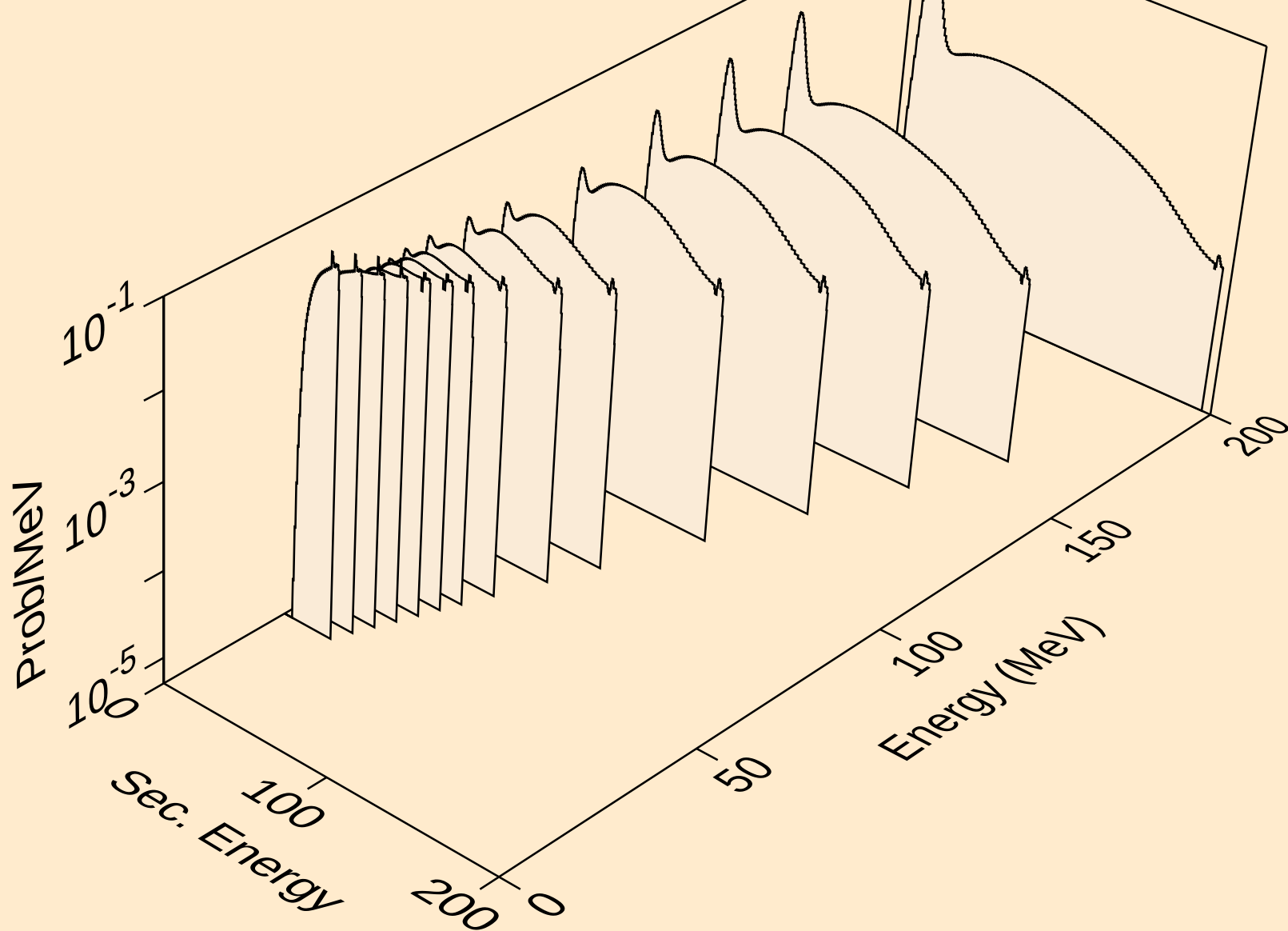
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protons from (n,pd)



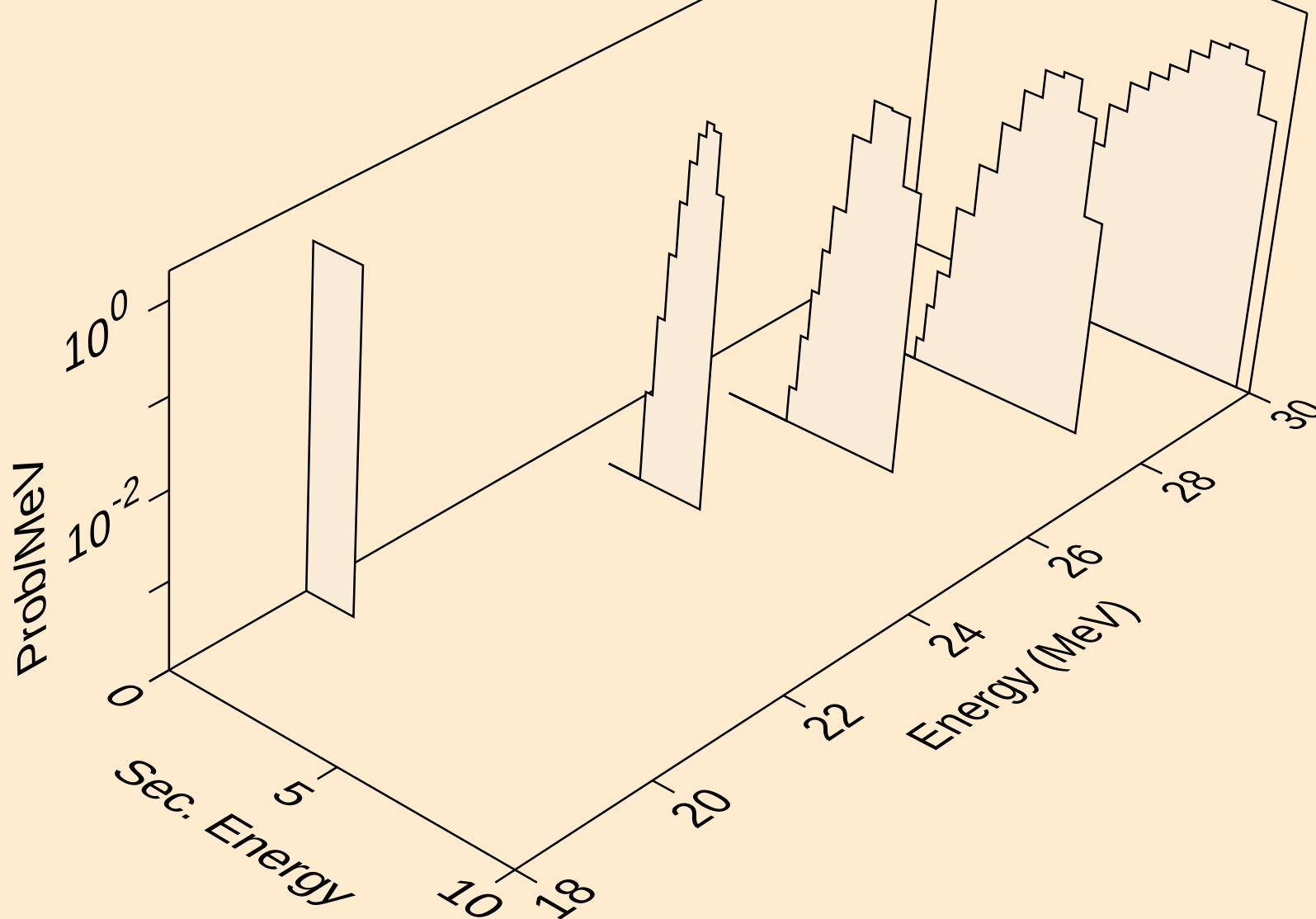
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protons from (n,pt)



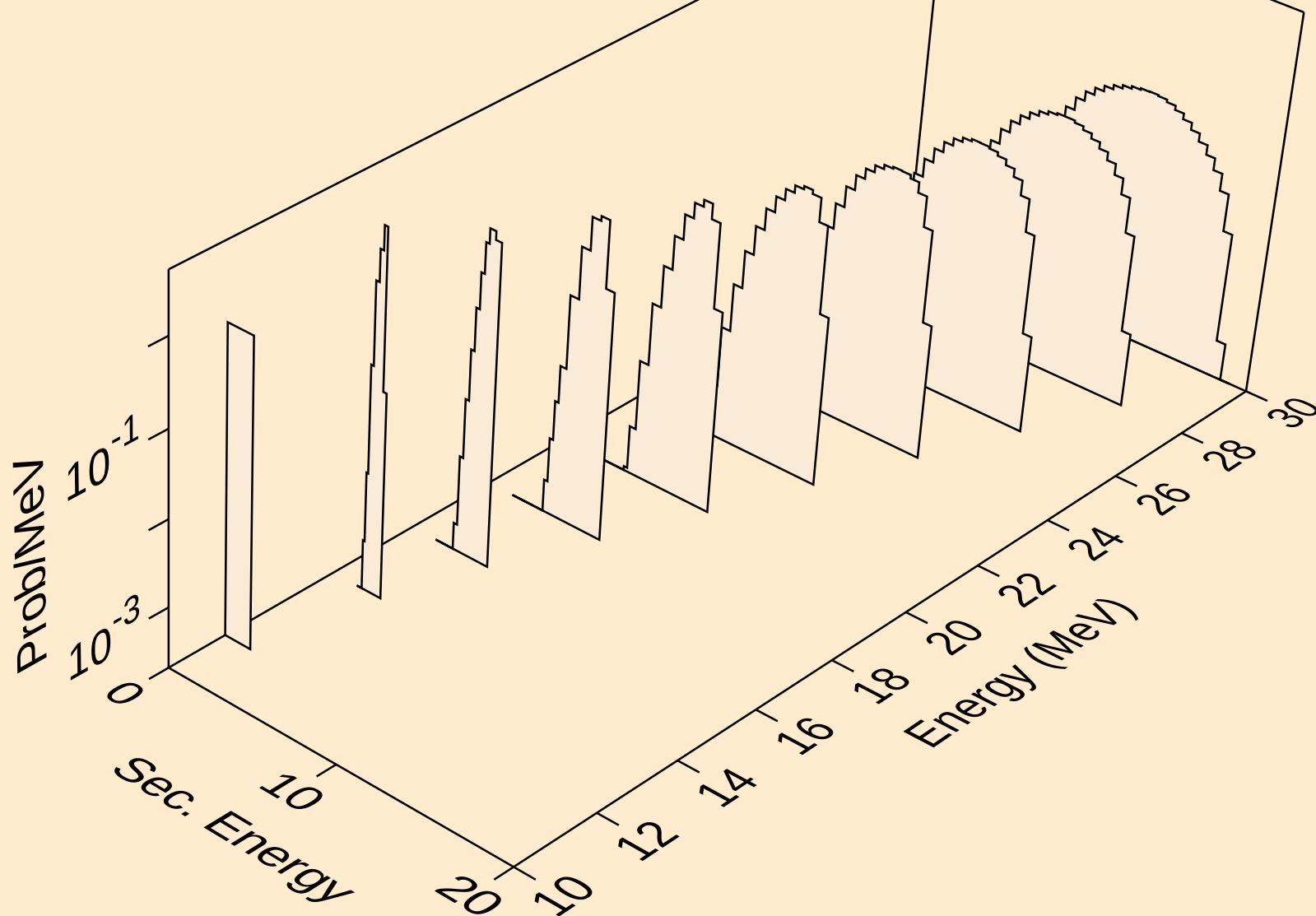
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deuterons from (n,x)



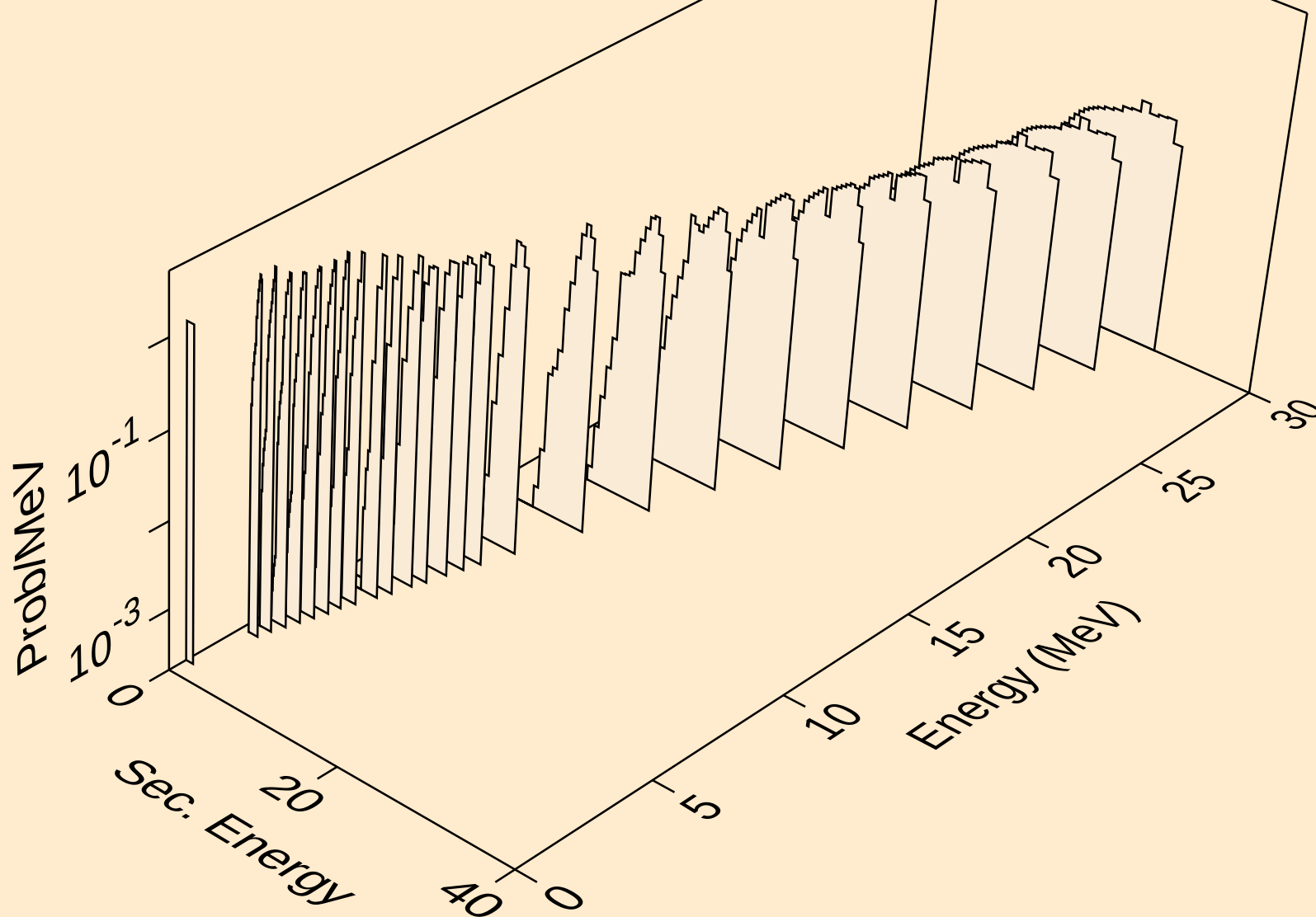
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deuterons from (n,2nd)



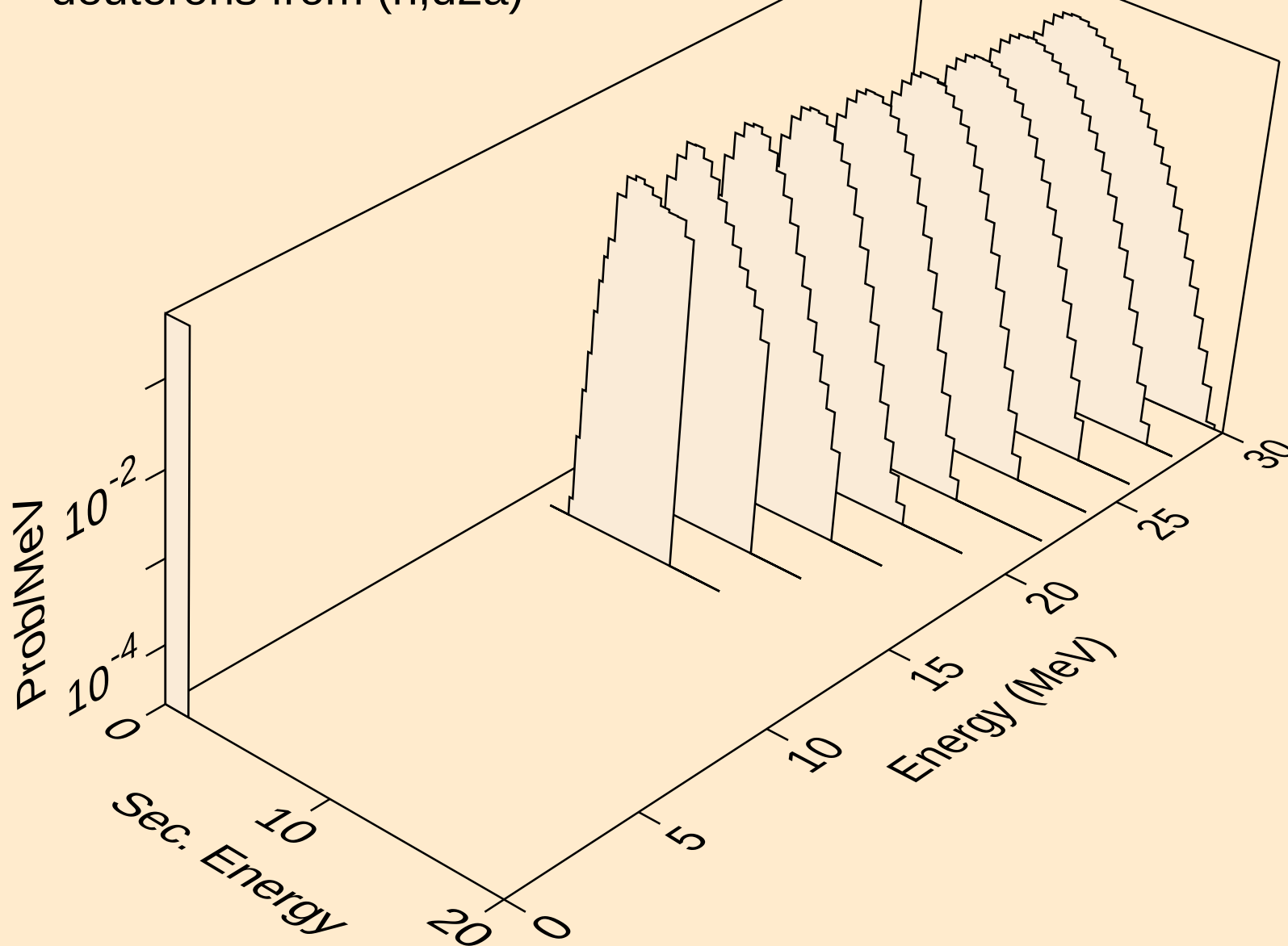
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deuterons from (n,n\*)d



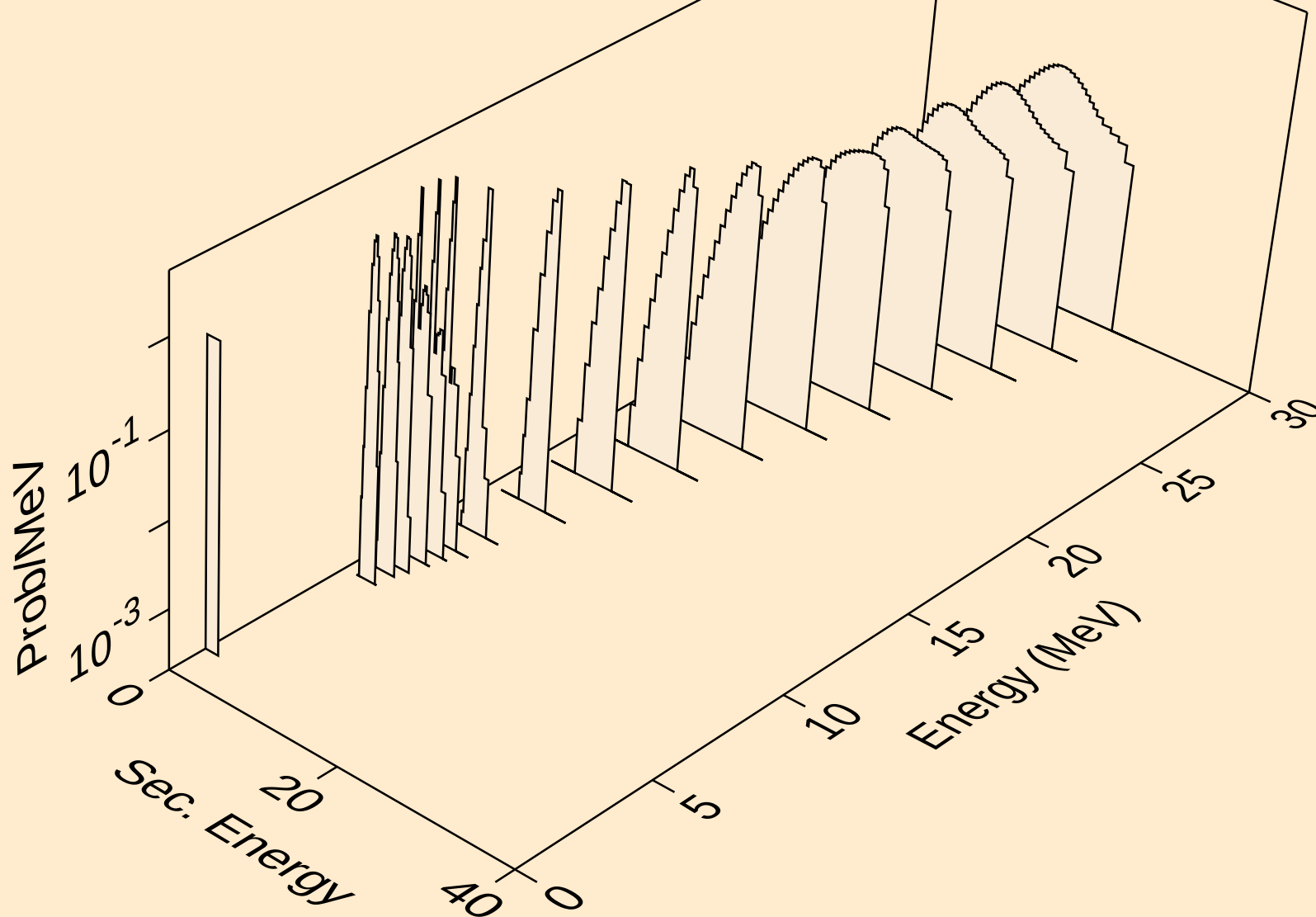
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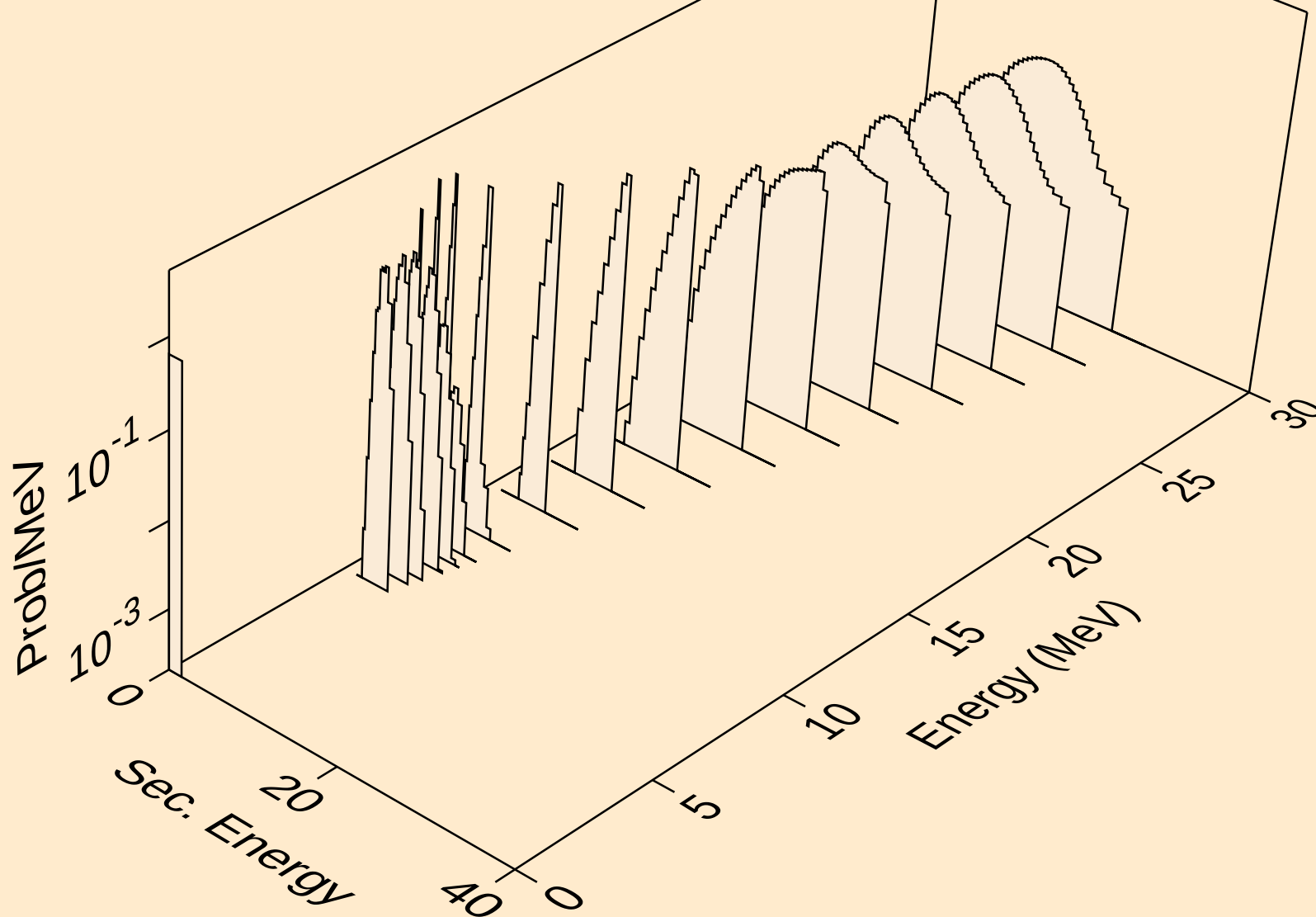
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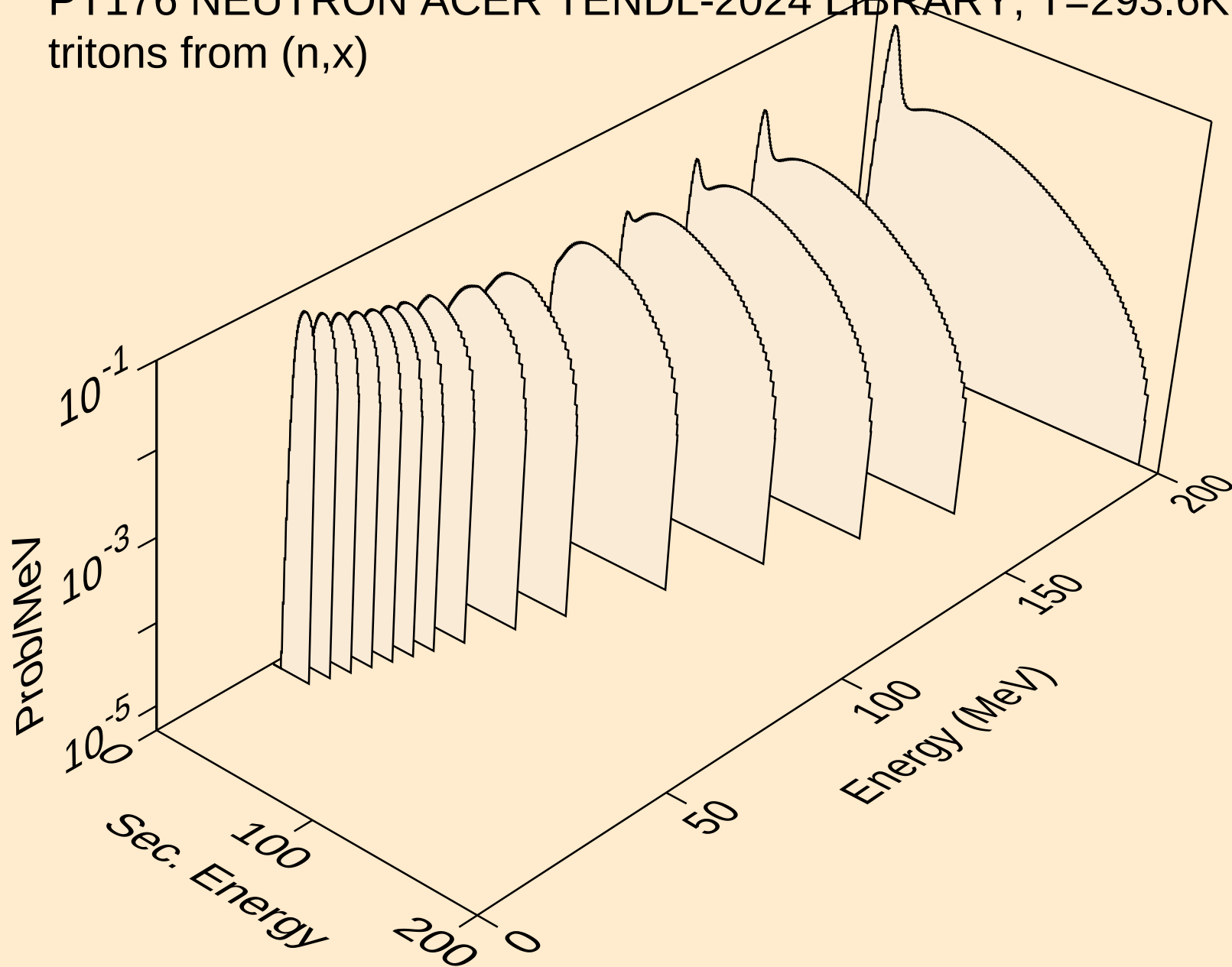
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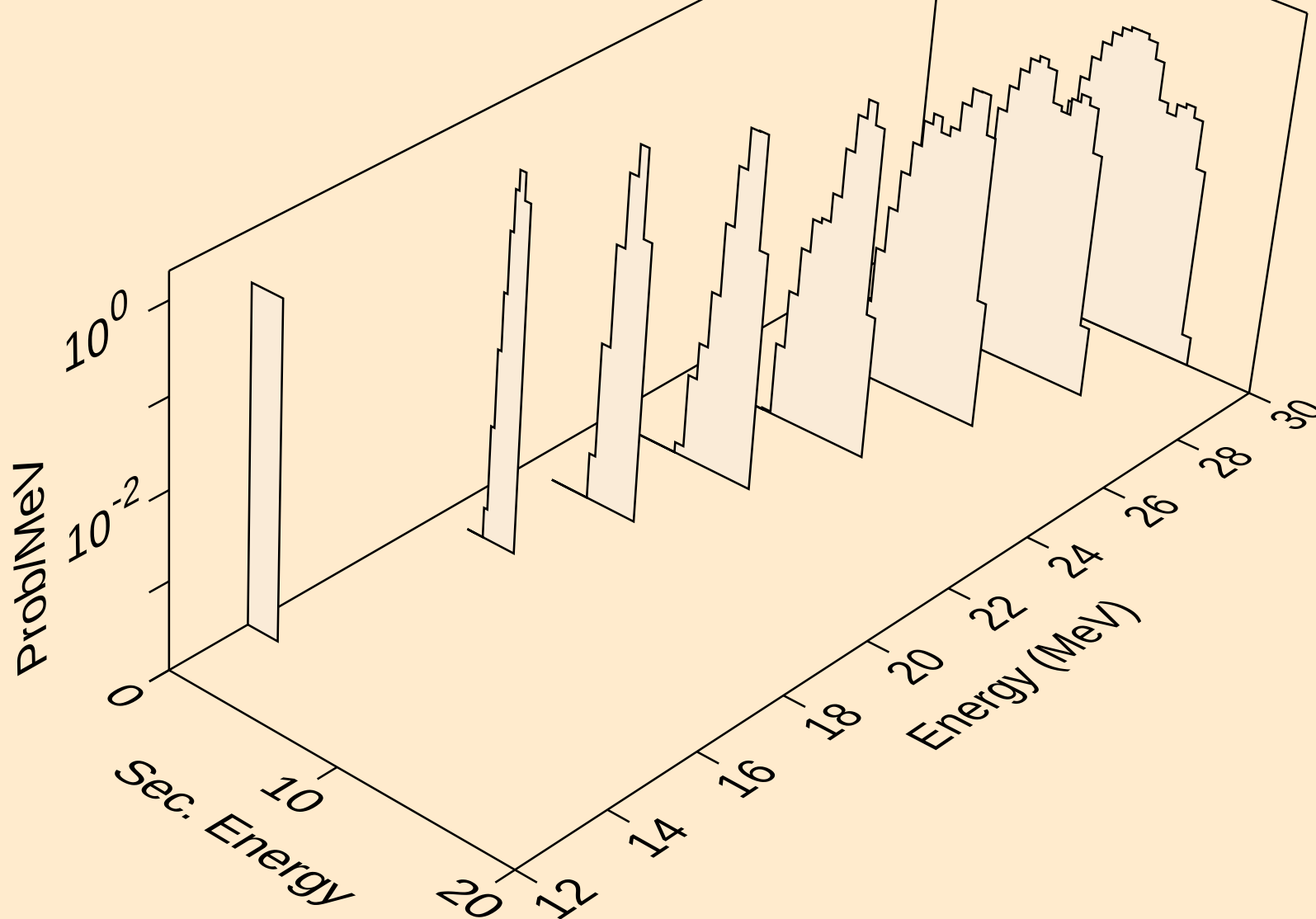
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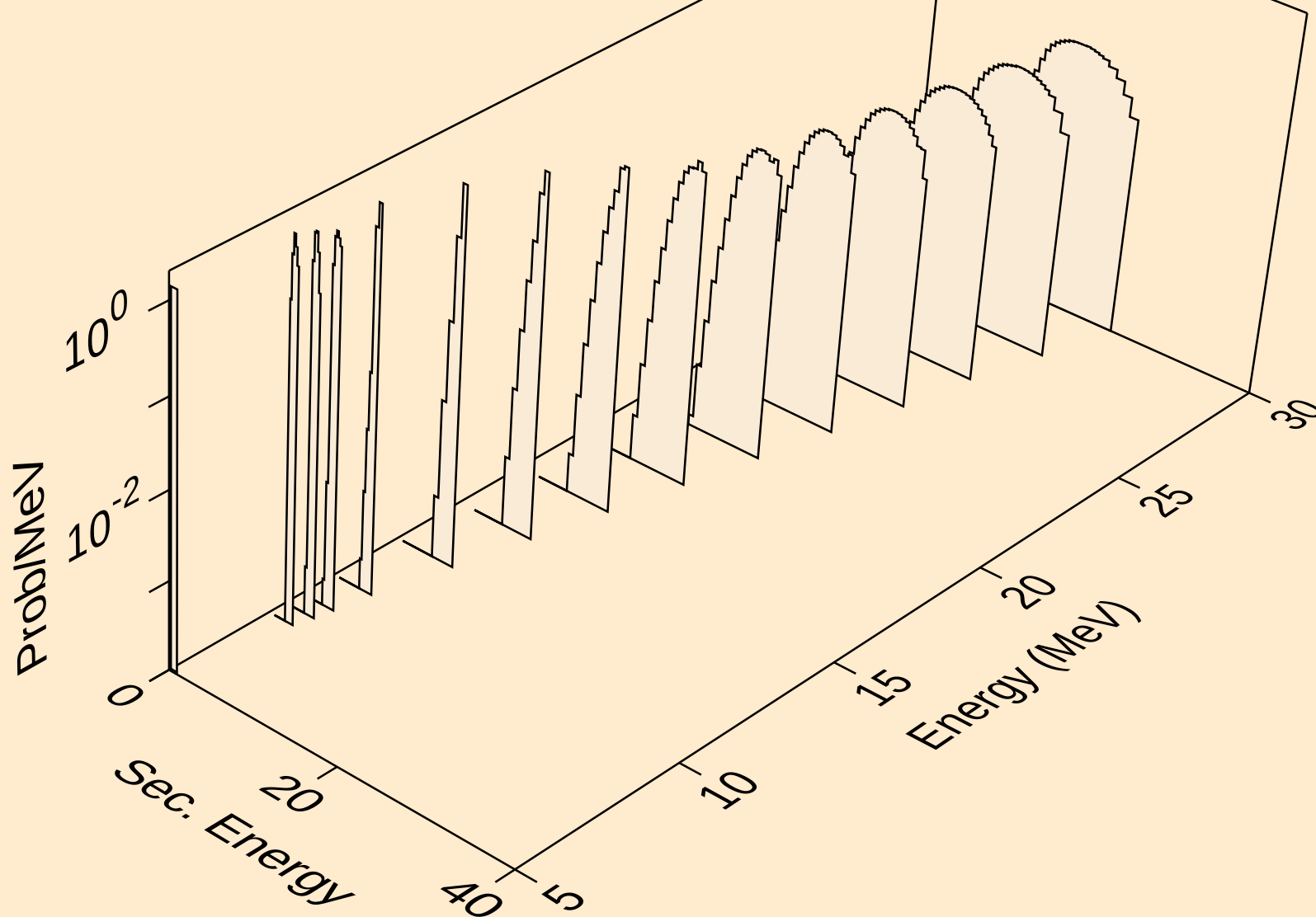
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tritons from (n,x)



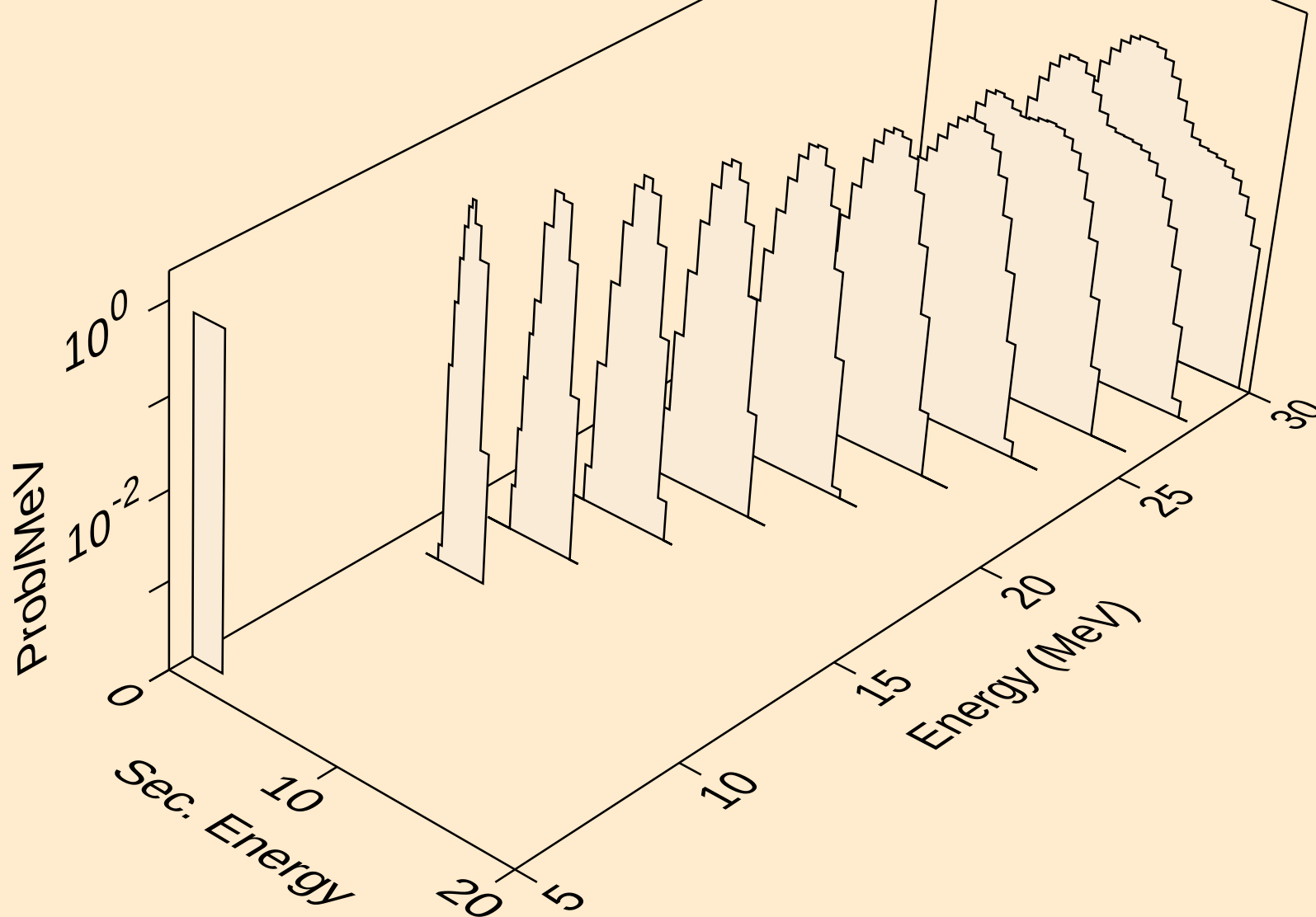
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tritons from (n,n\*)t



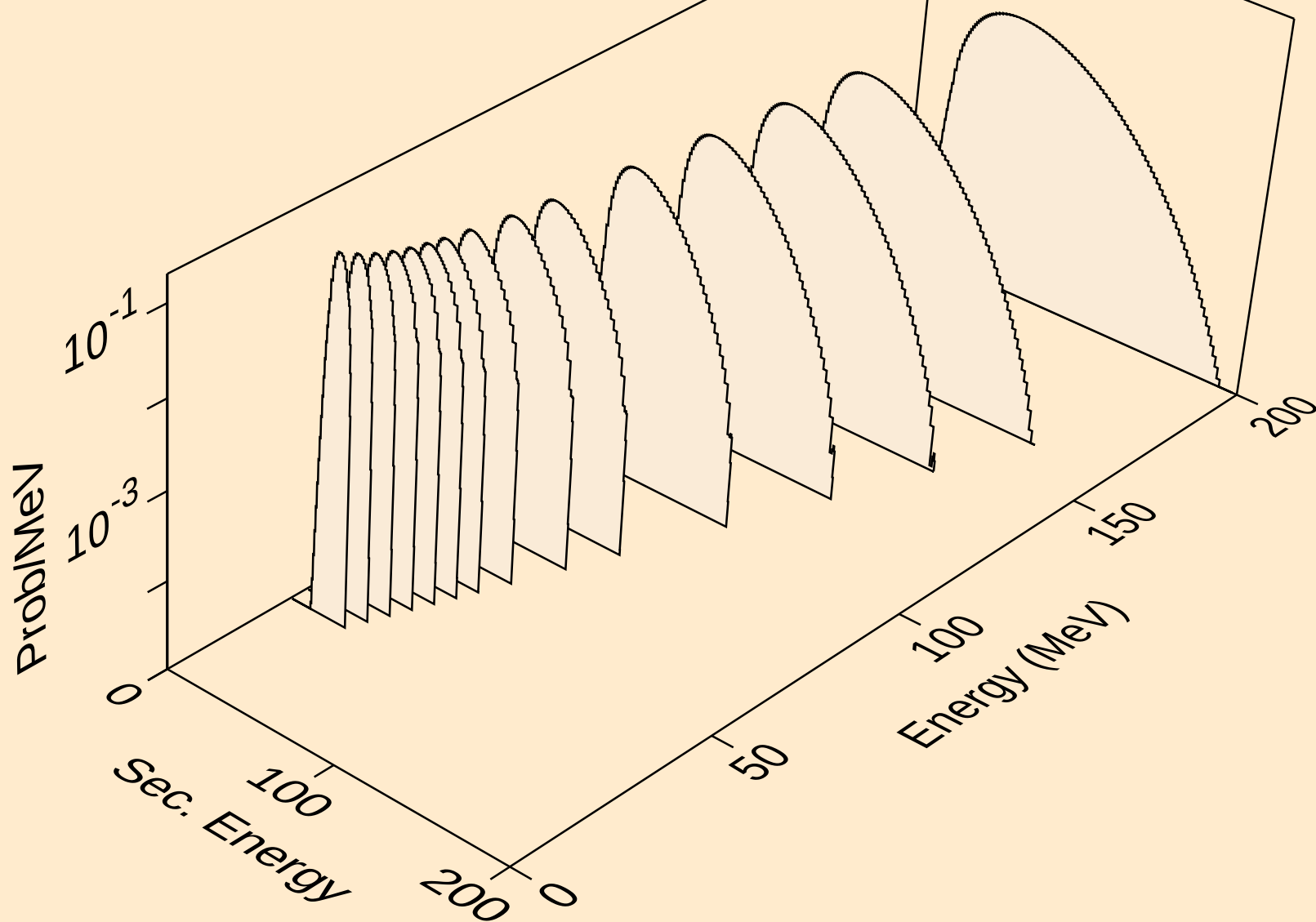
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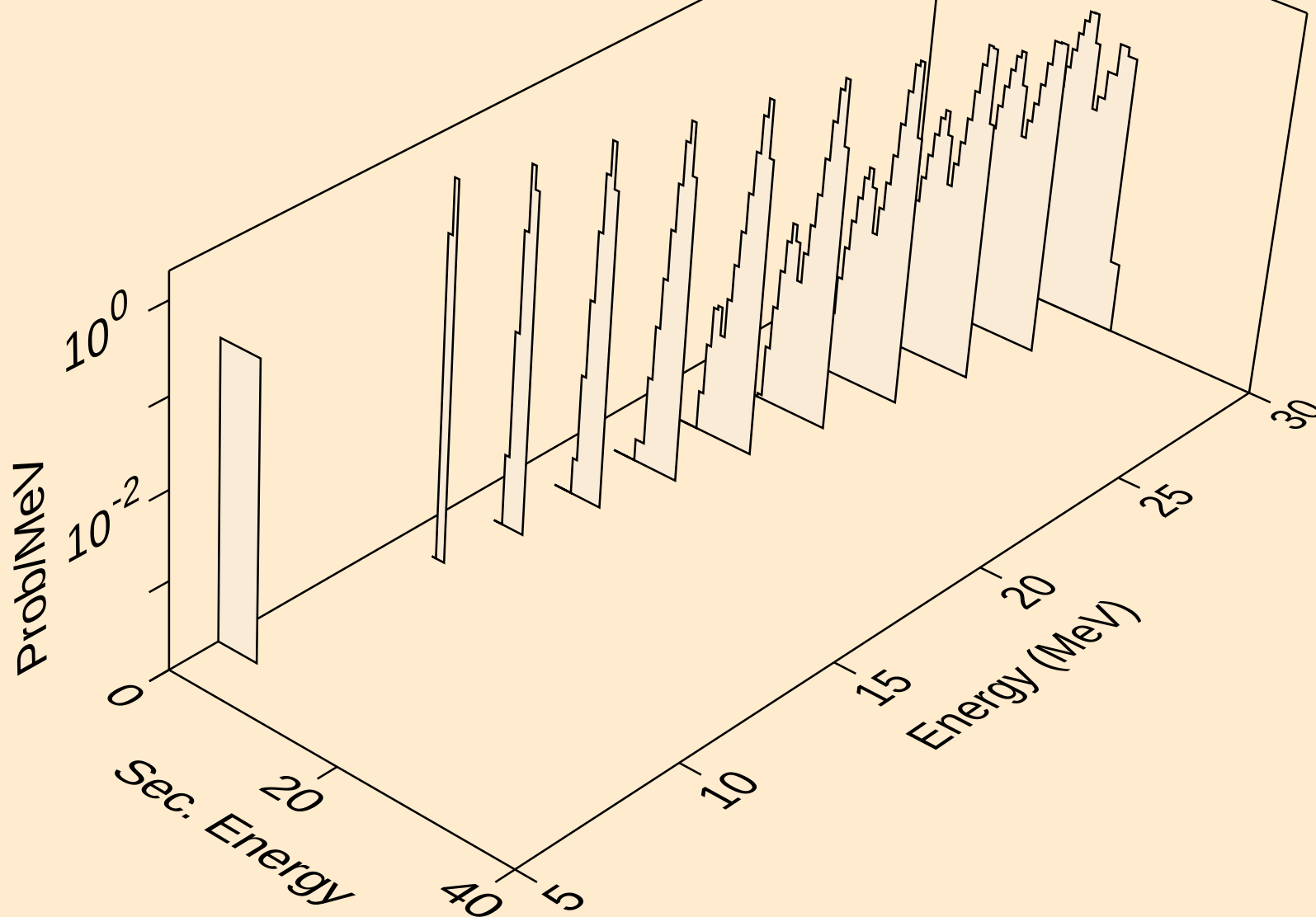
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tritons from (n,pt)



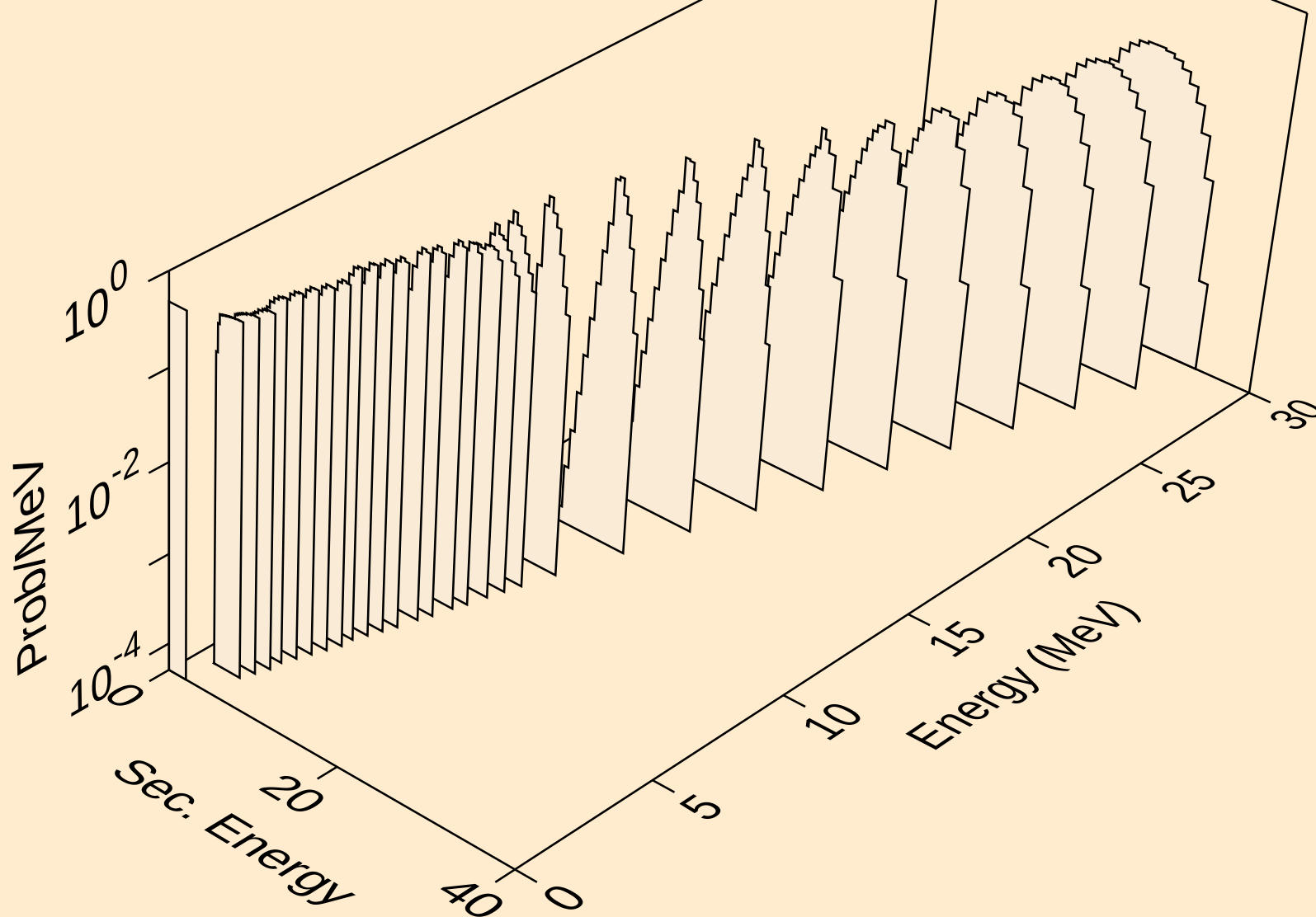
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he3s from (n,x)



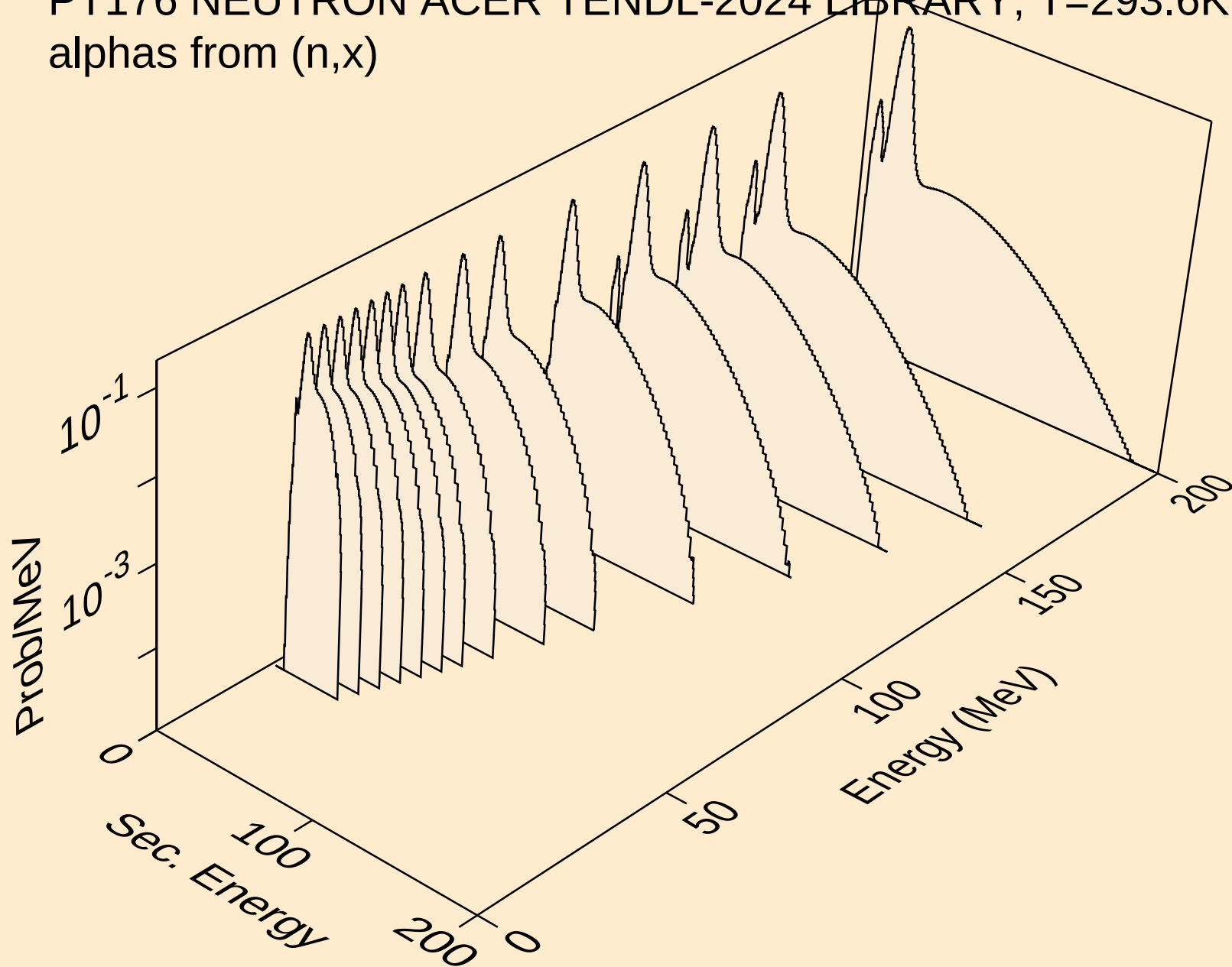
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he3s from (n,n\*)he3



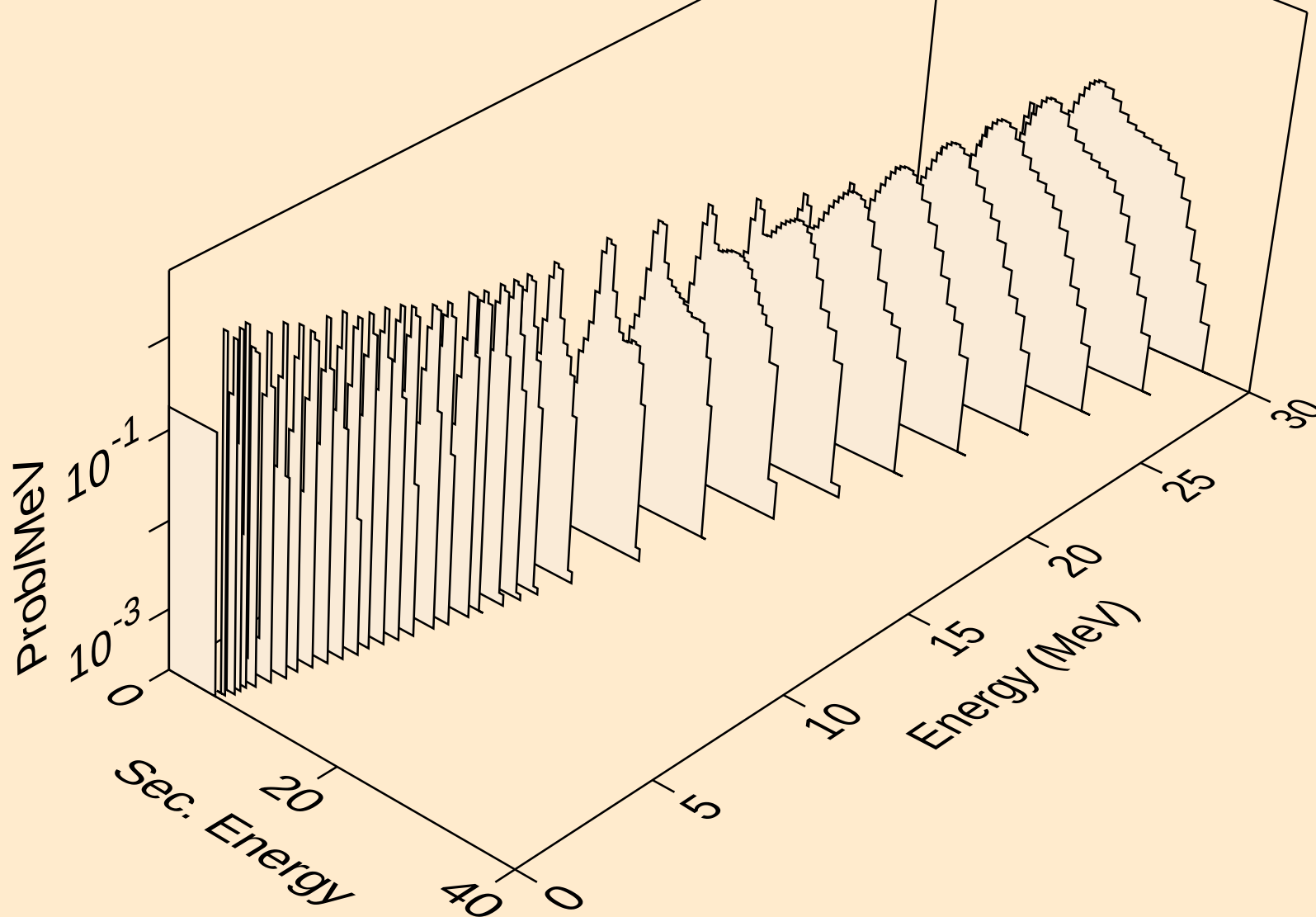
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he3s from (n,he3)



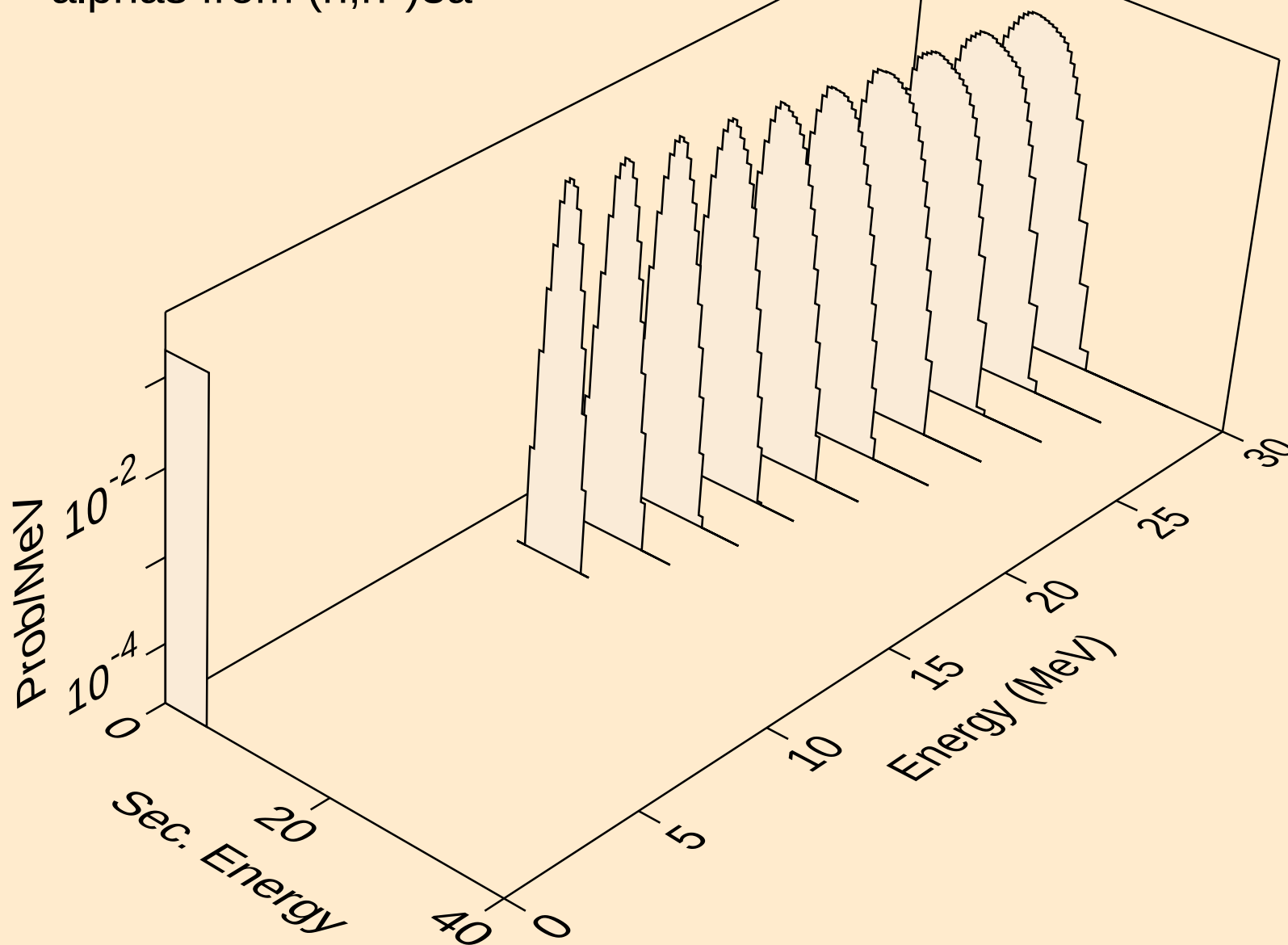
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



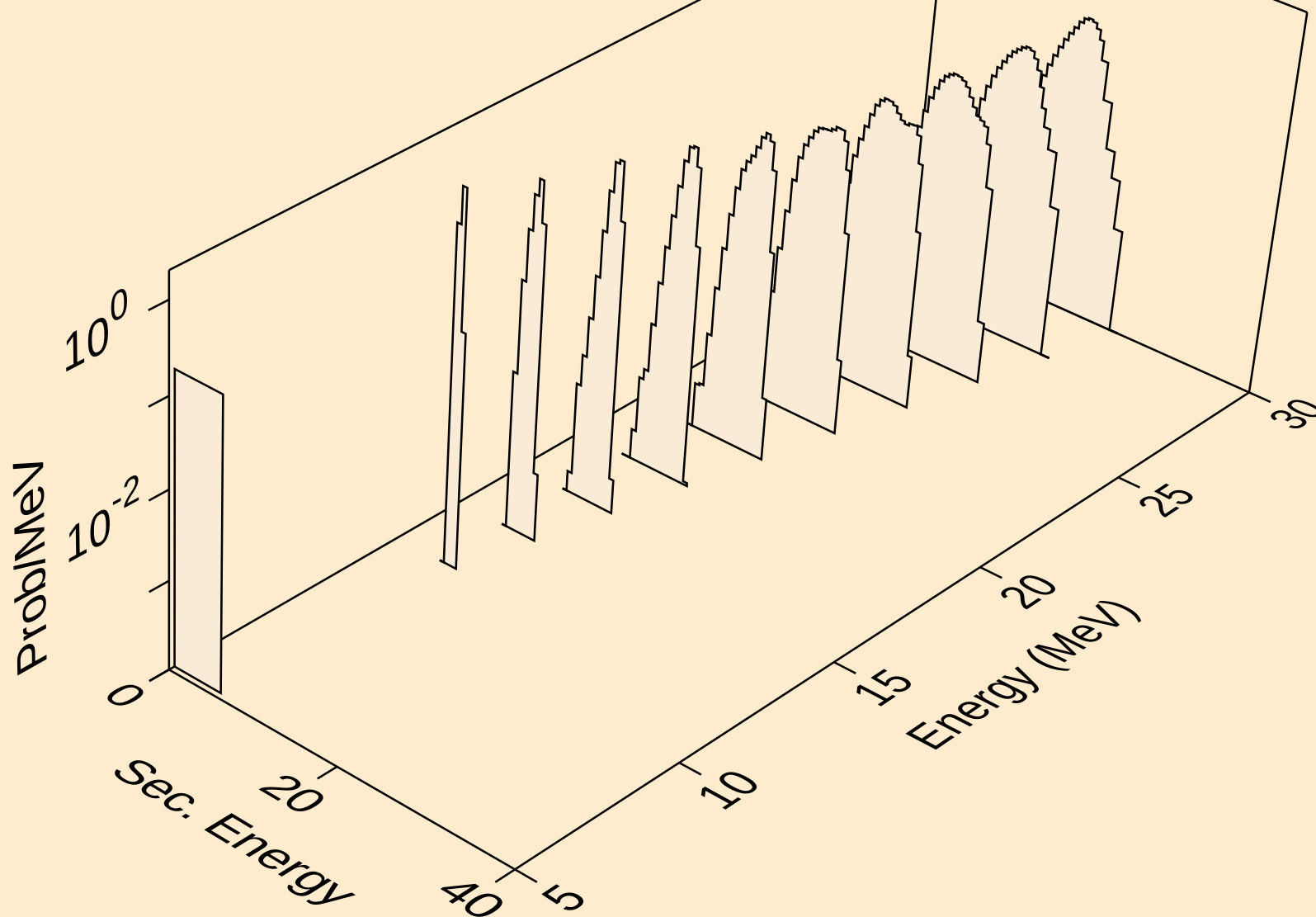
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



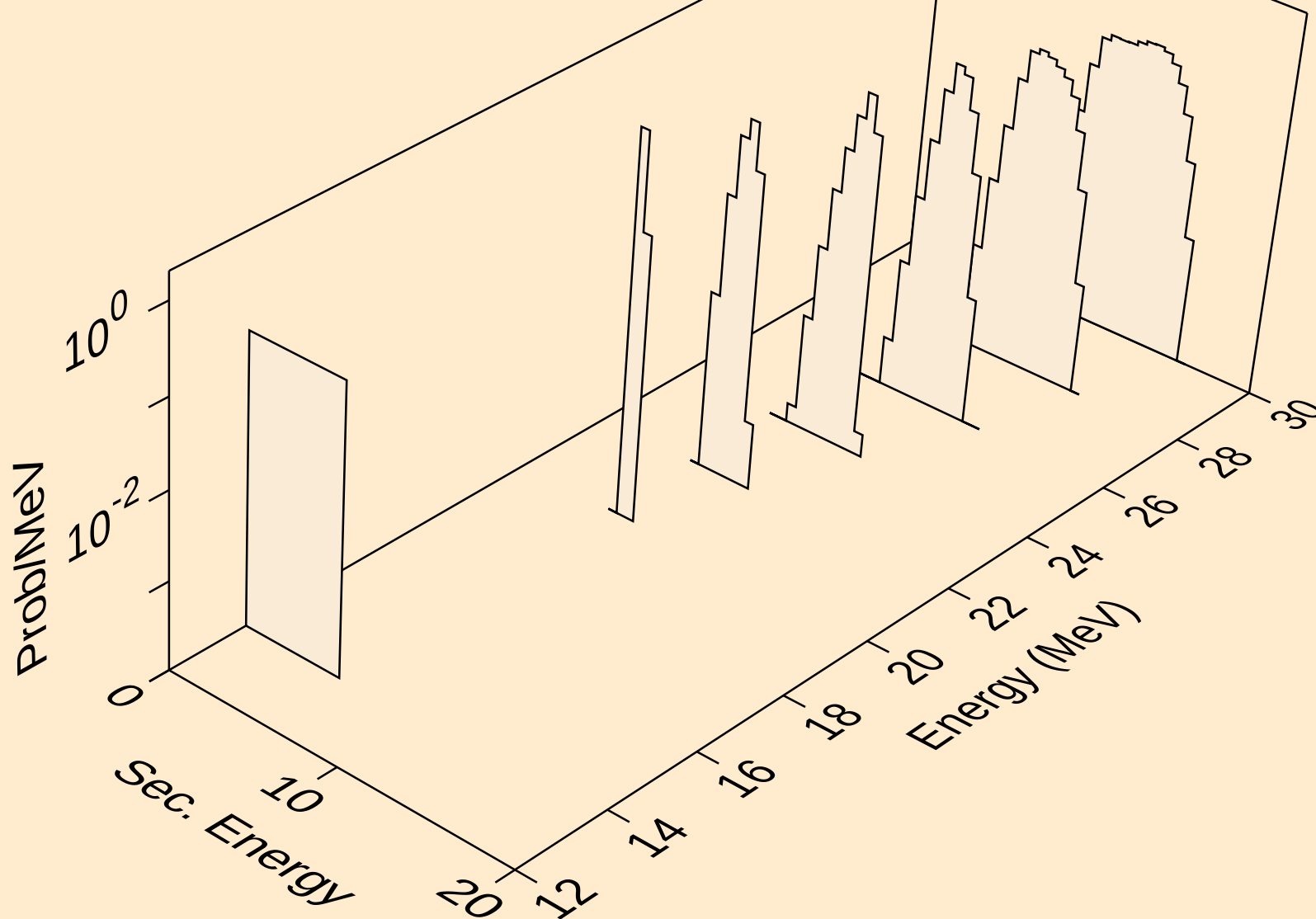
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alphas from (n,n\*)3a



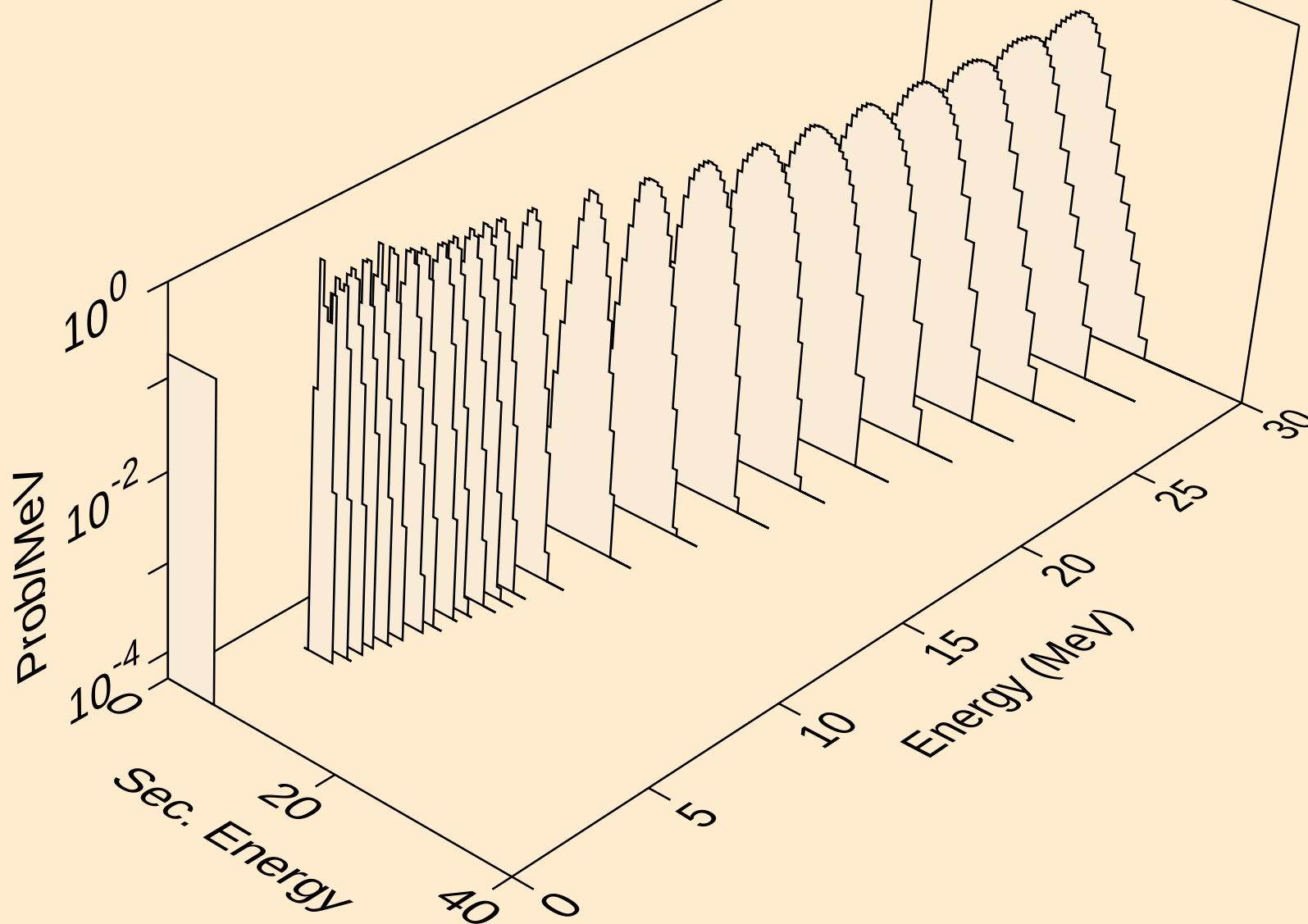
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alphas from (n,2n)a



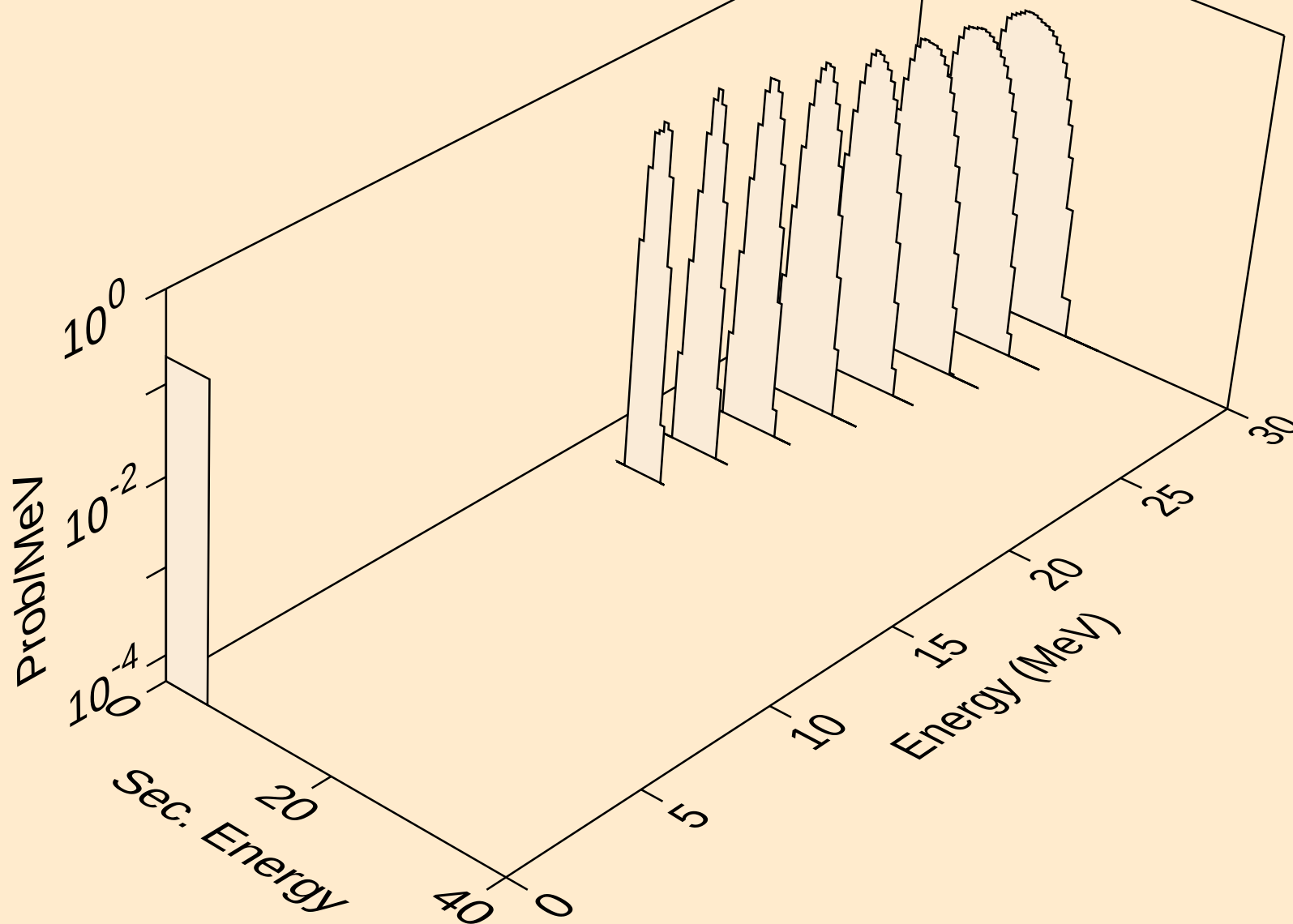
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alphas from (n,3n)a



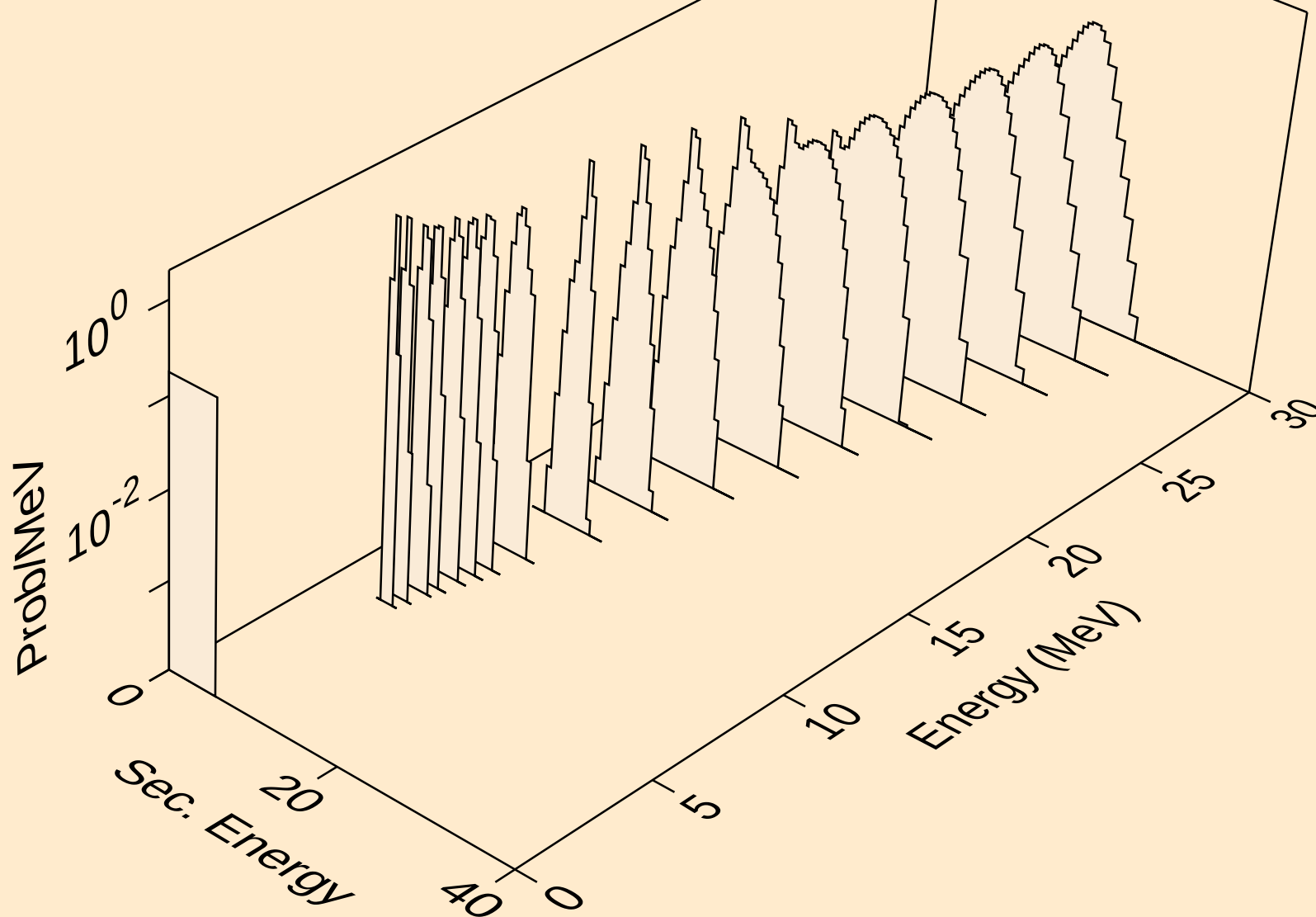
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alphas from (n,n\*)2a



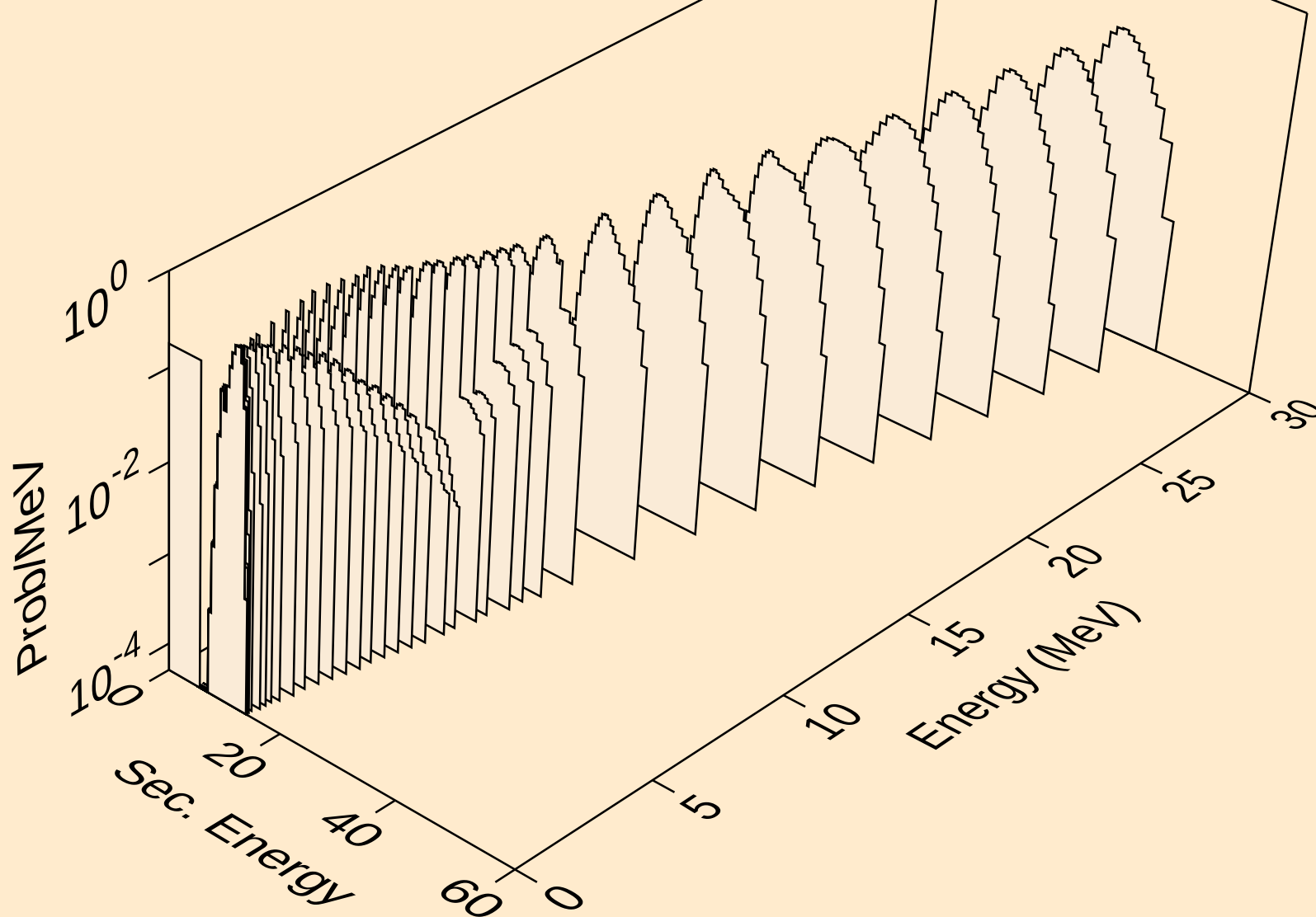
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alphas from (n,2n)2a



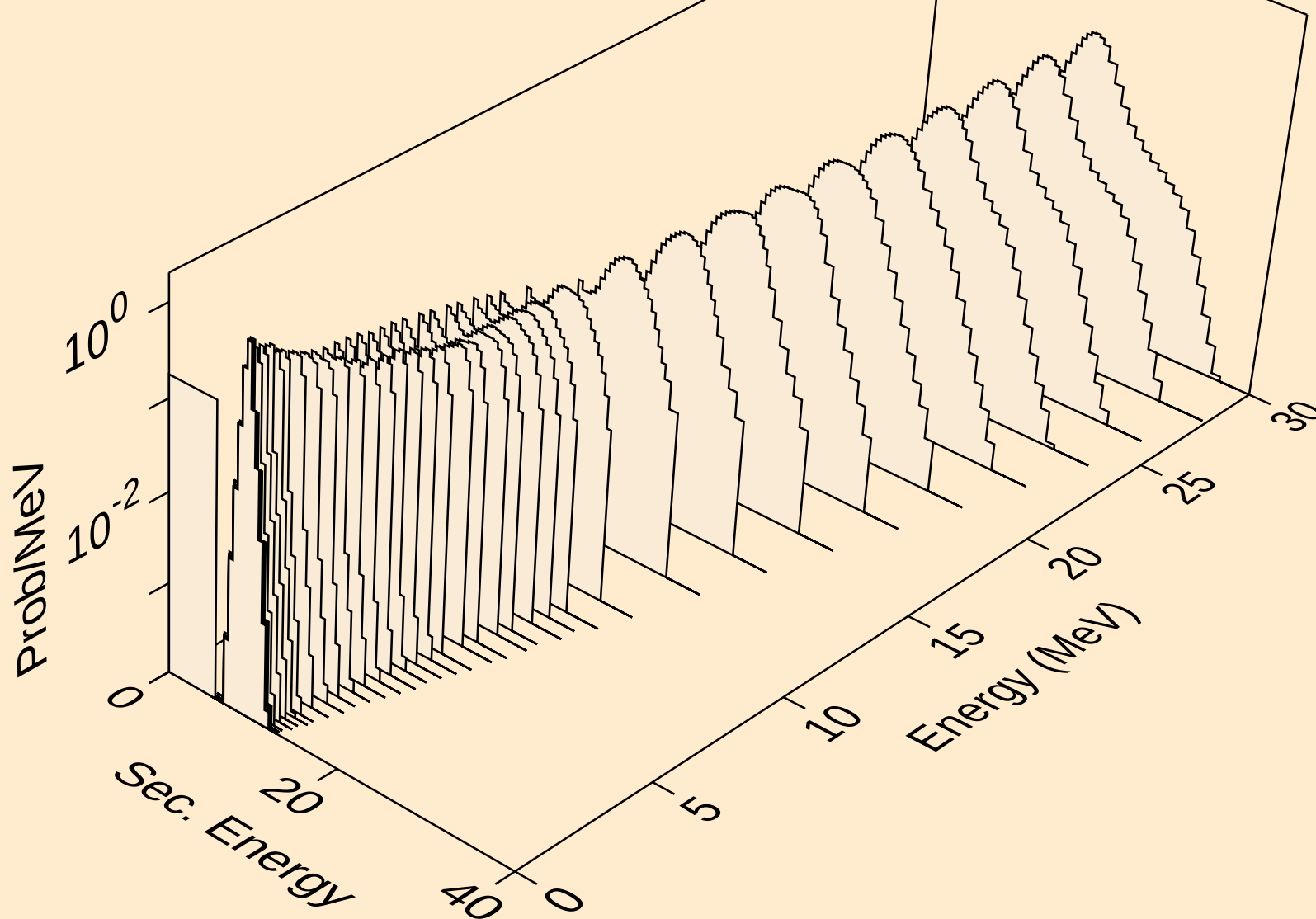
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alphas from (n,npa)



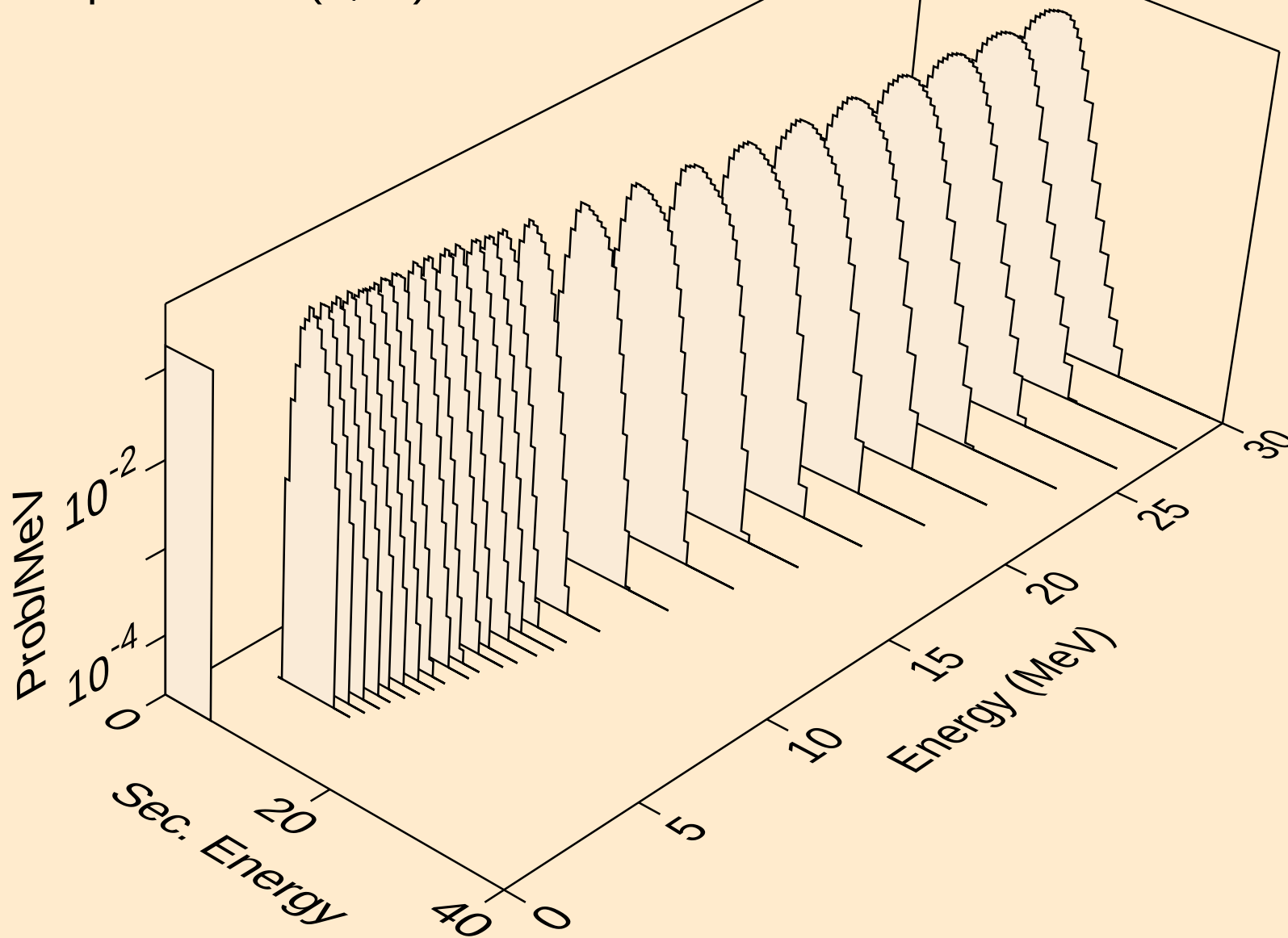
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alphas from (n,a)



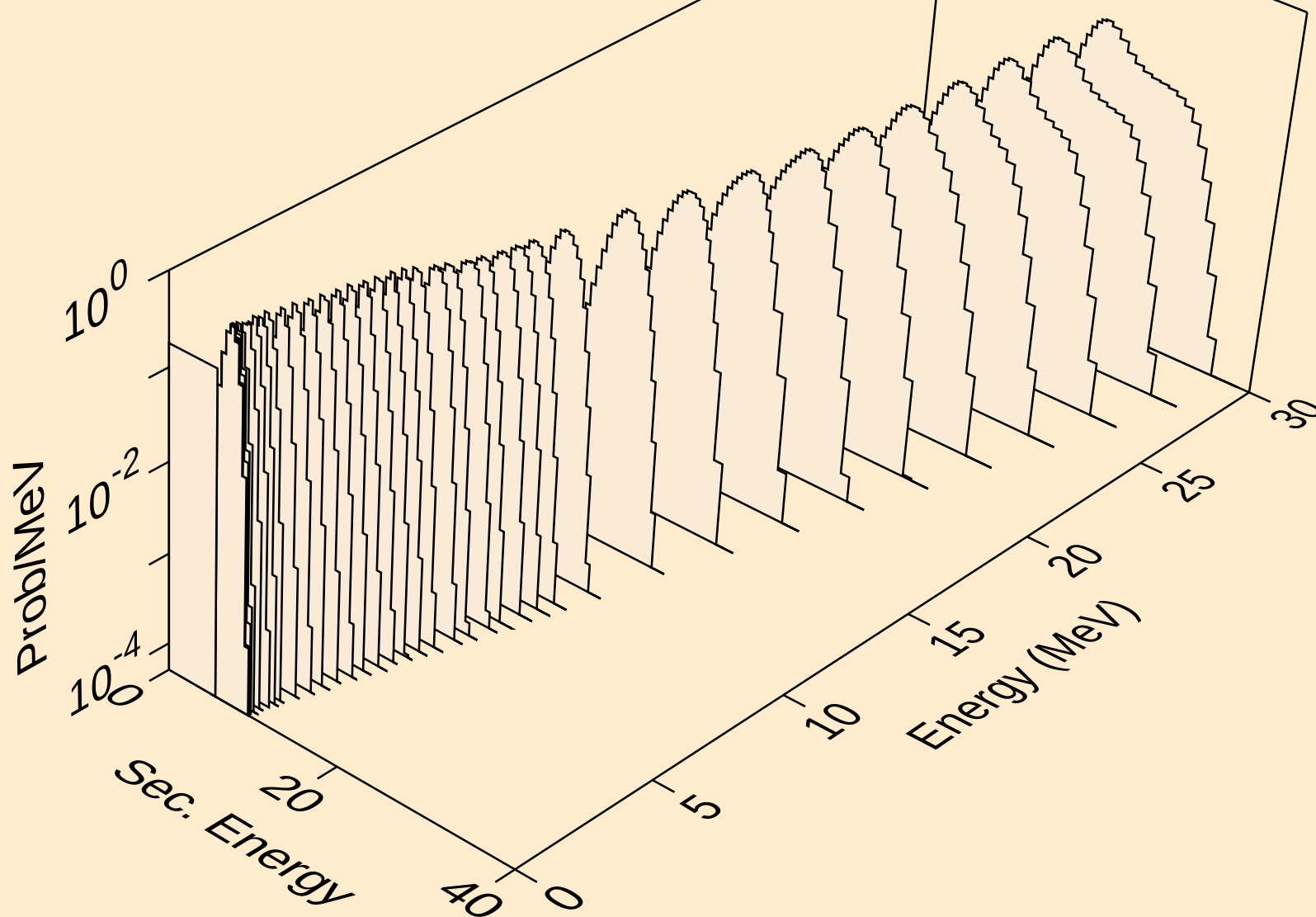
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alphas from (n,2a)



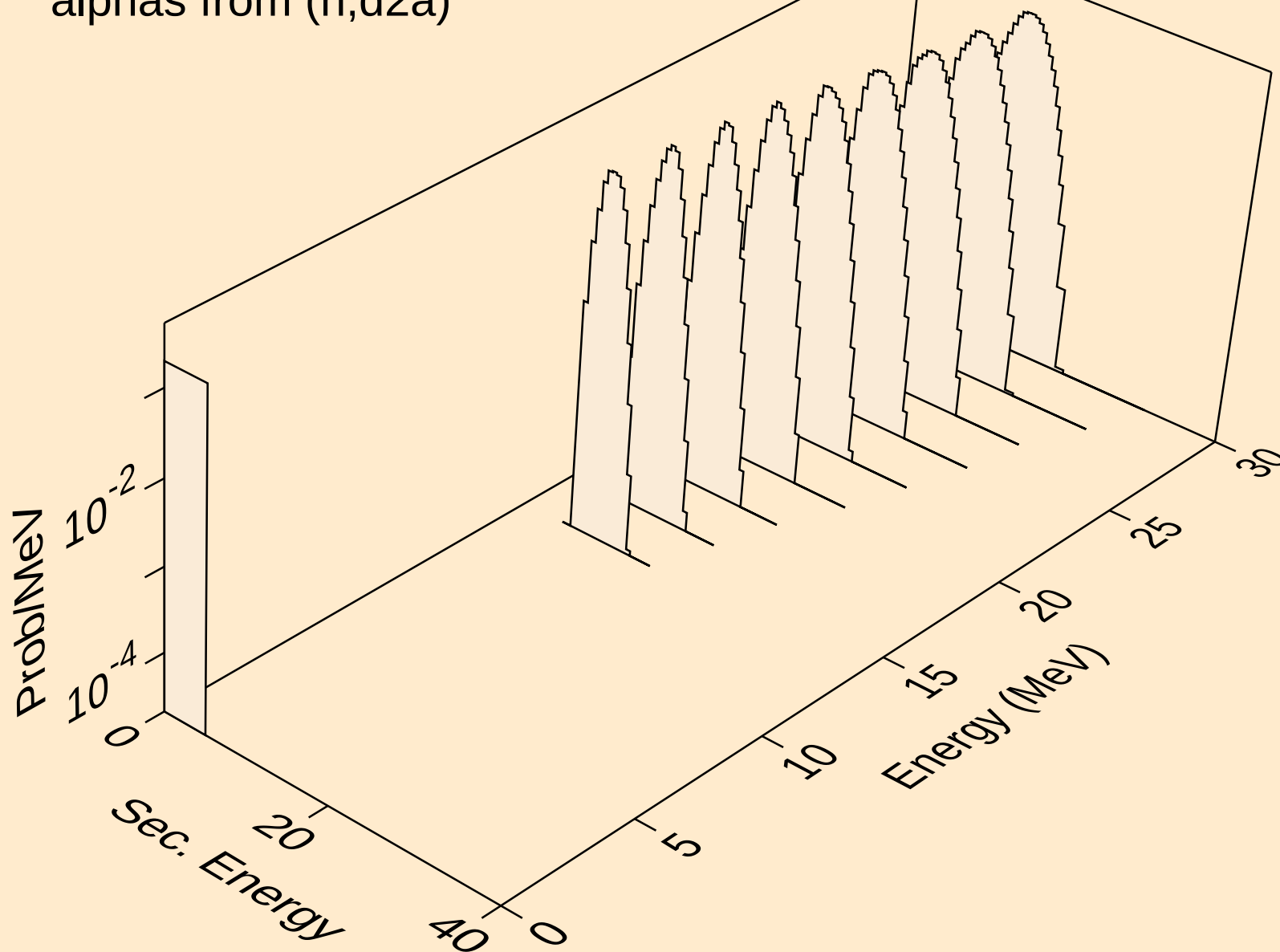
PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,d2a)



PT176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

