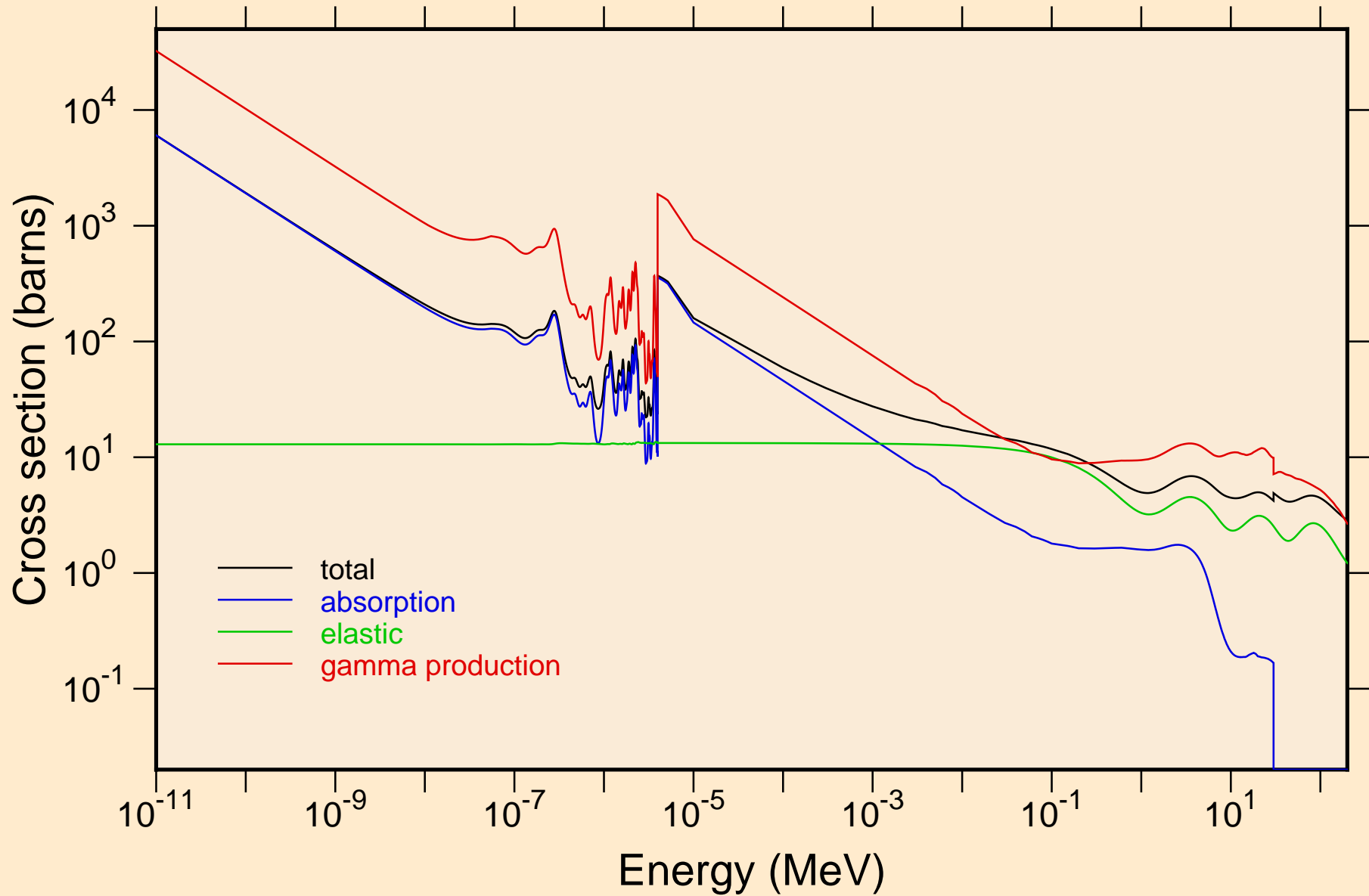
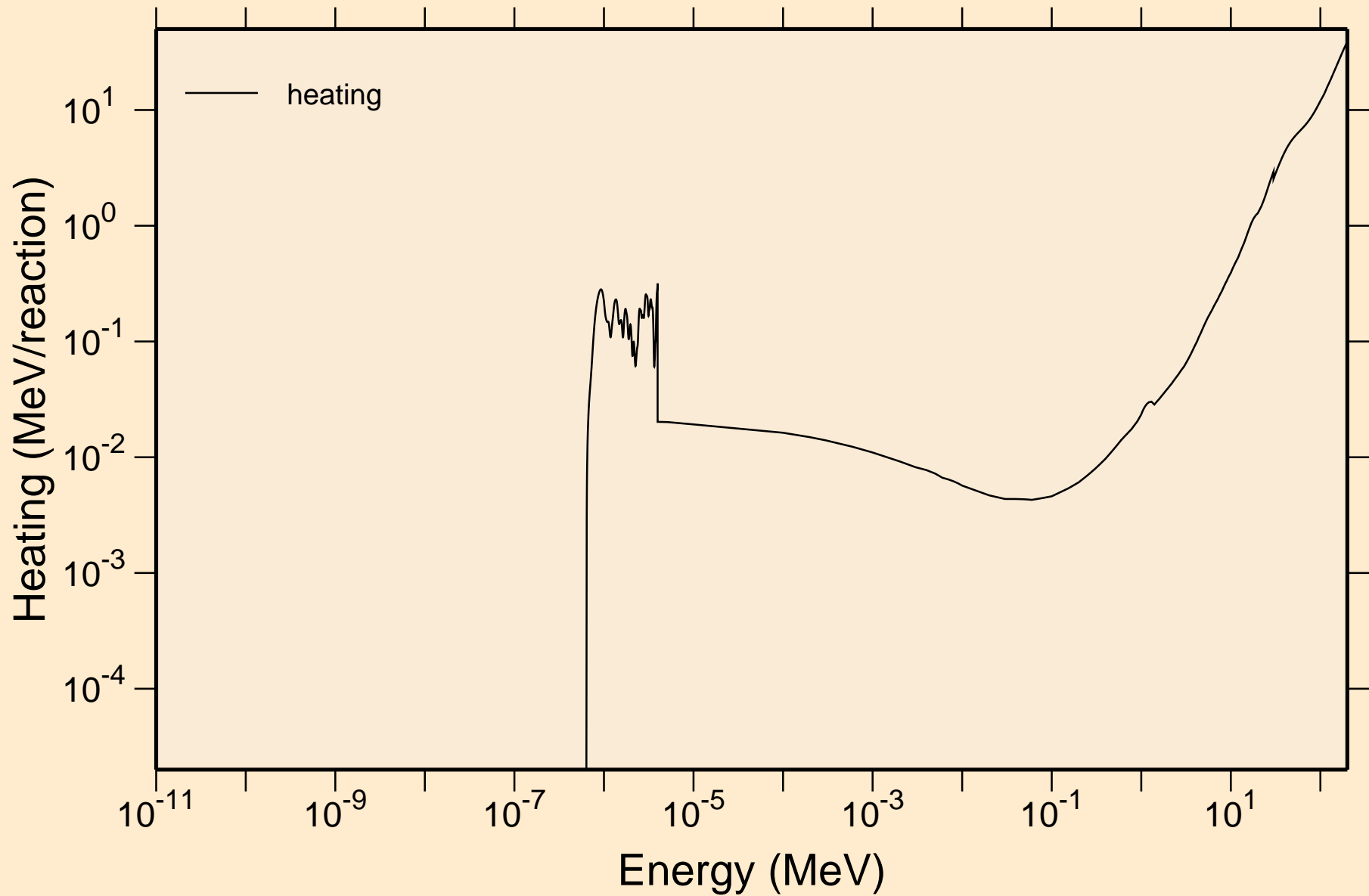


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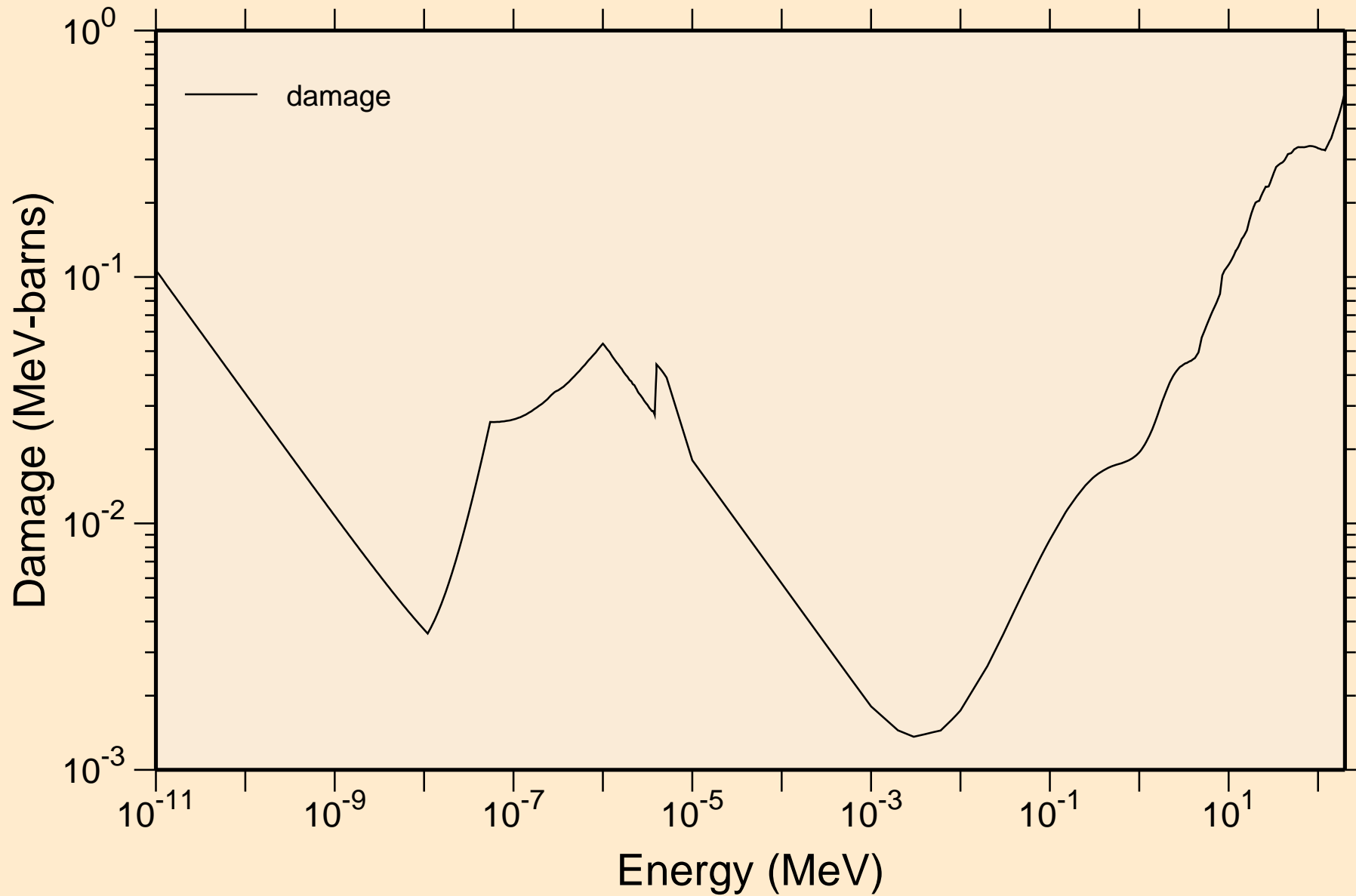
Principal cross sections



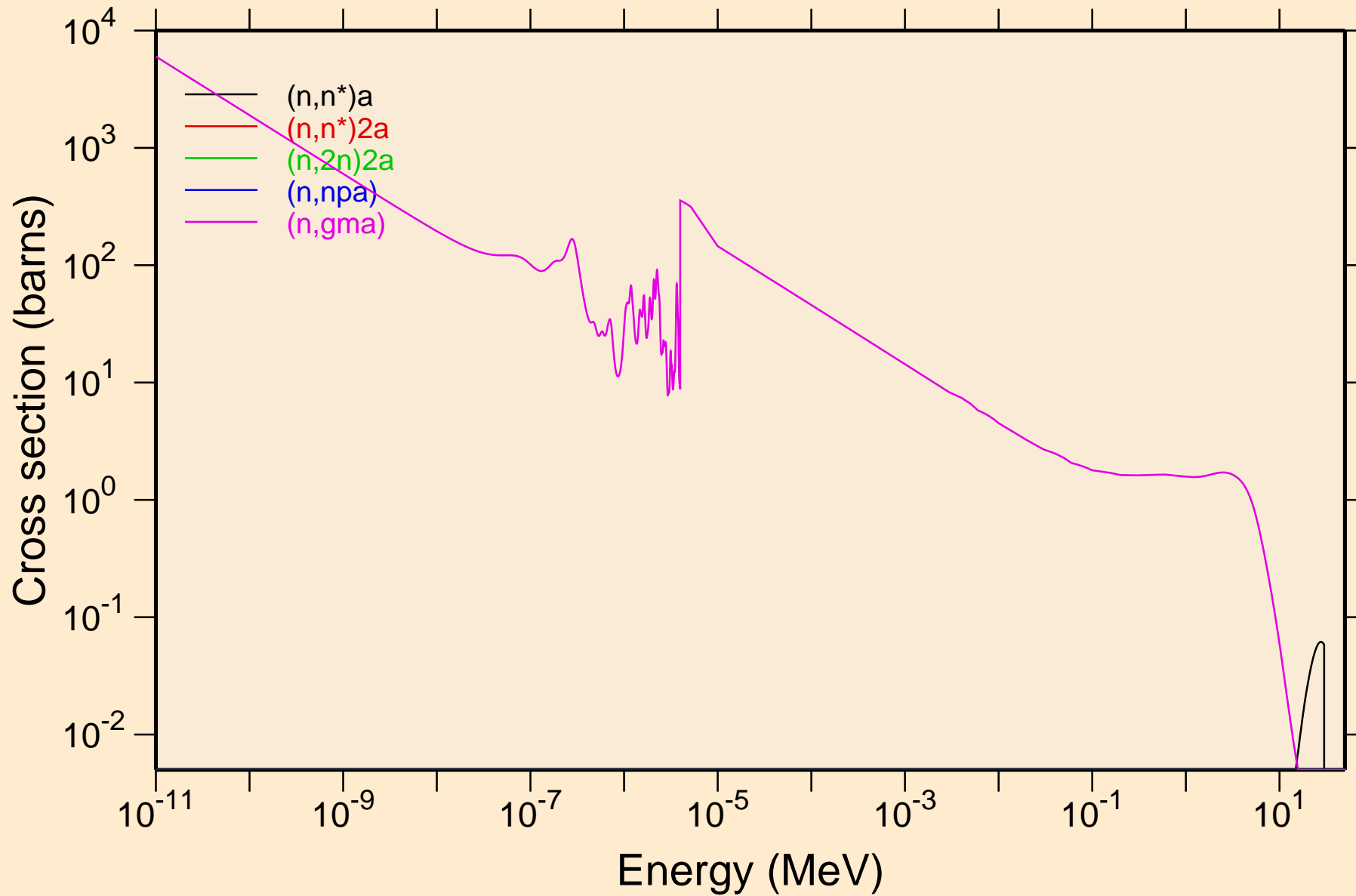
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Heating



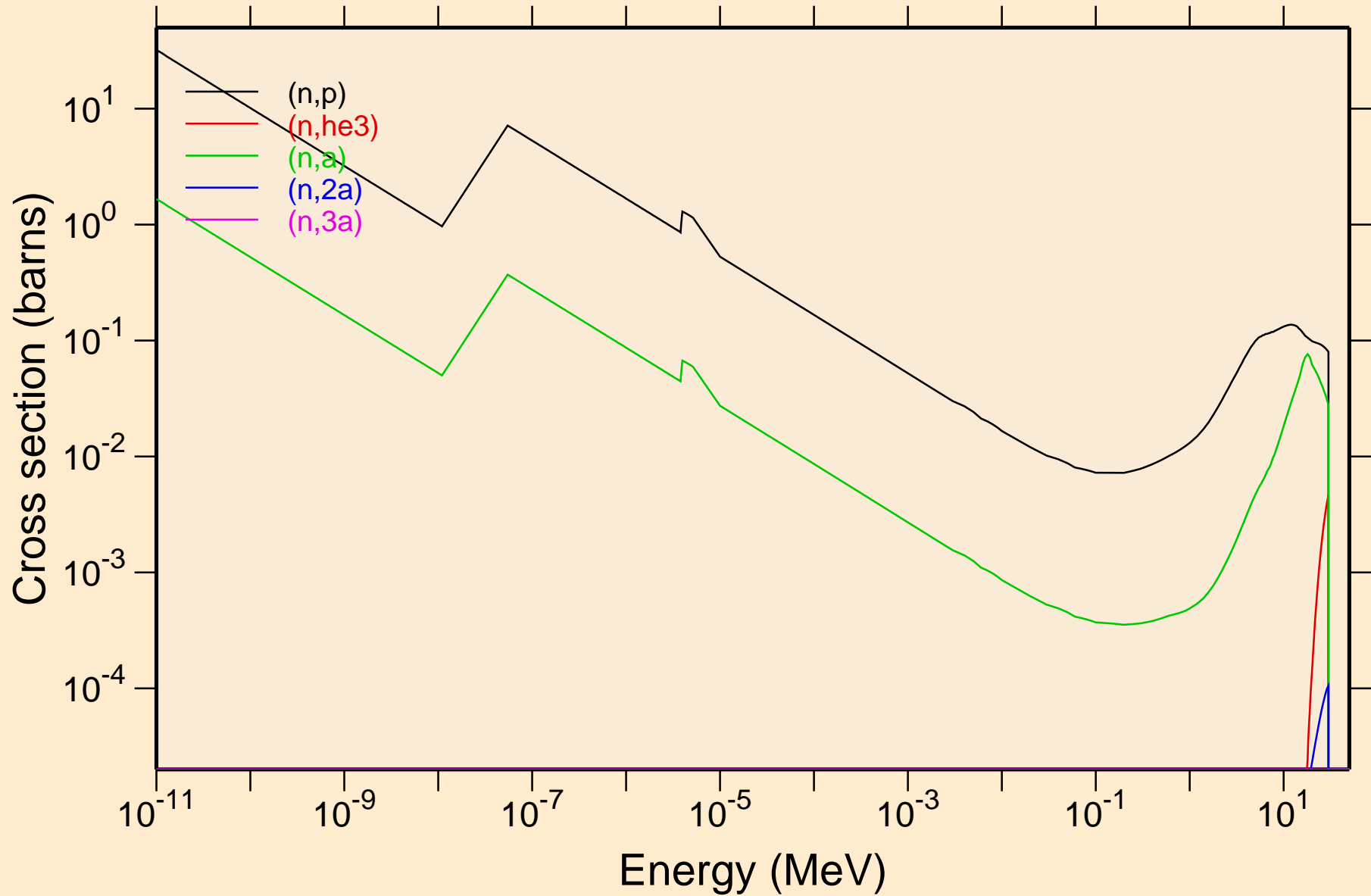
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage



PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

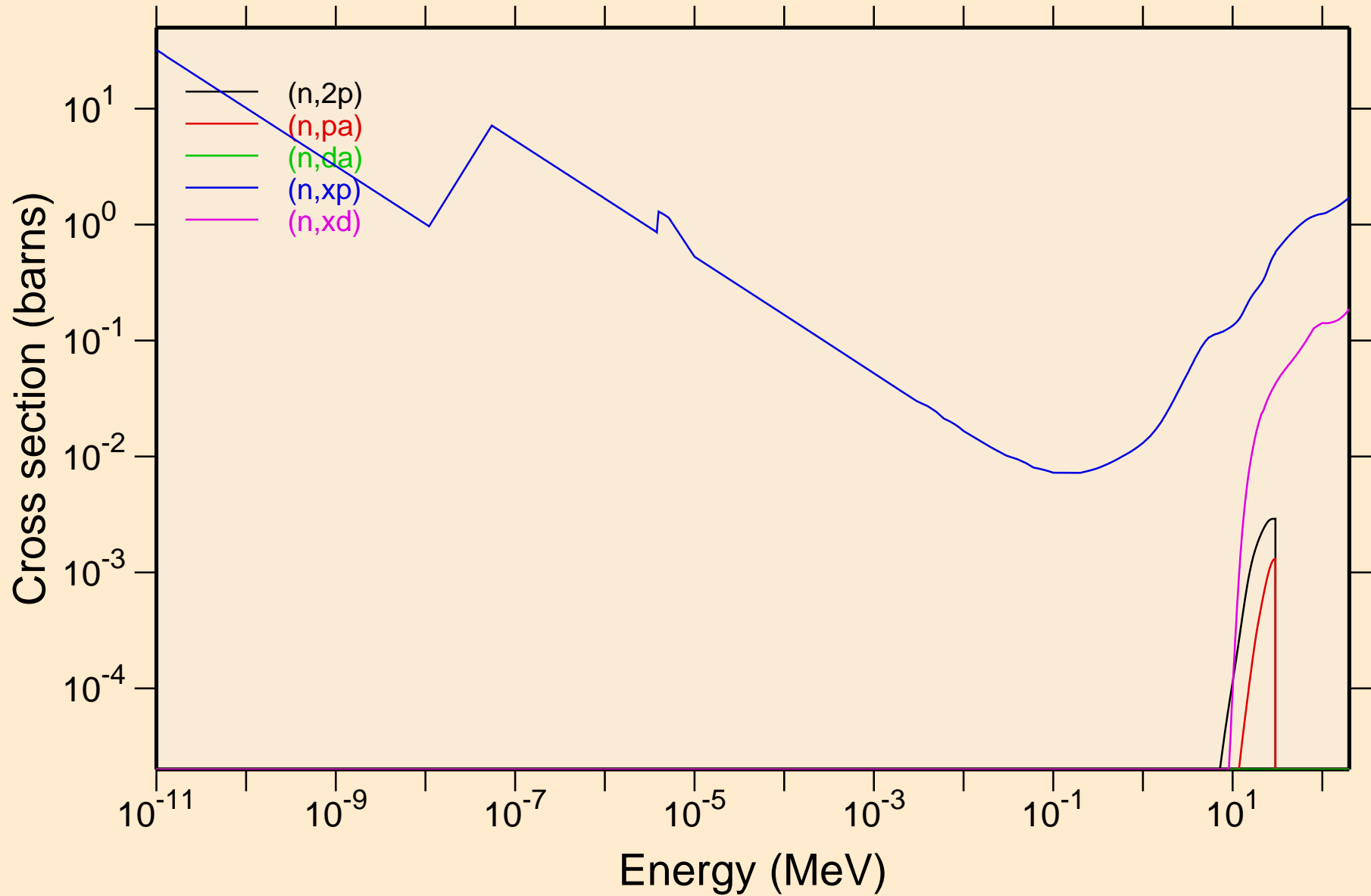


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Non-threshold reactions

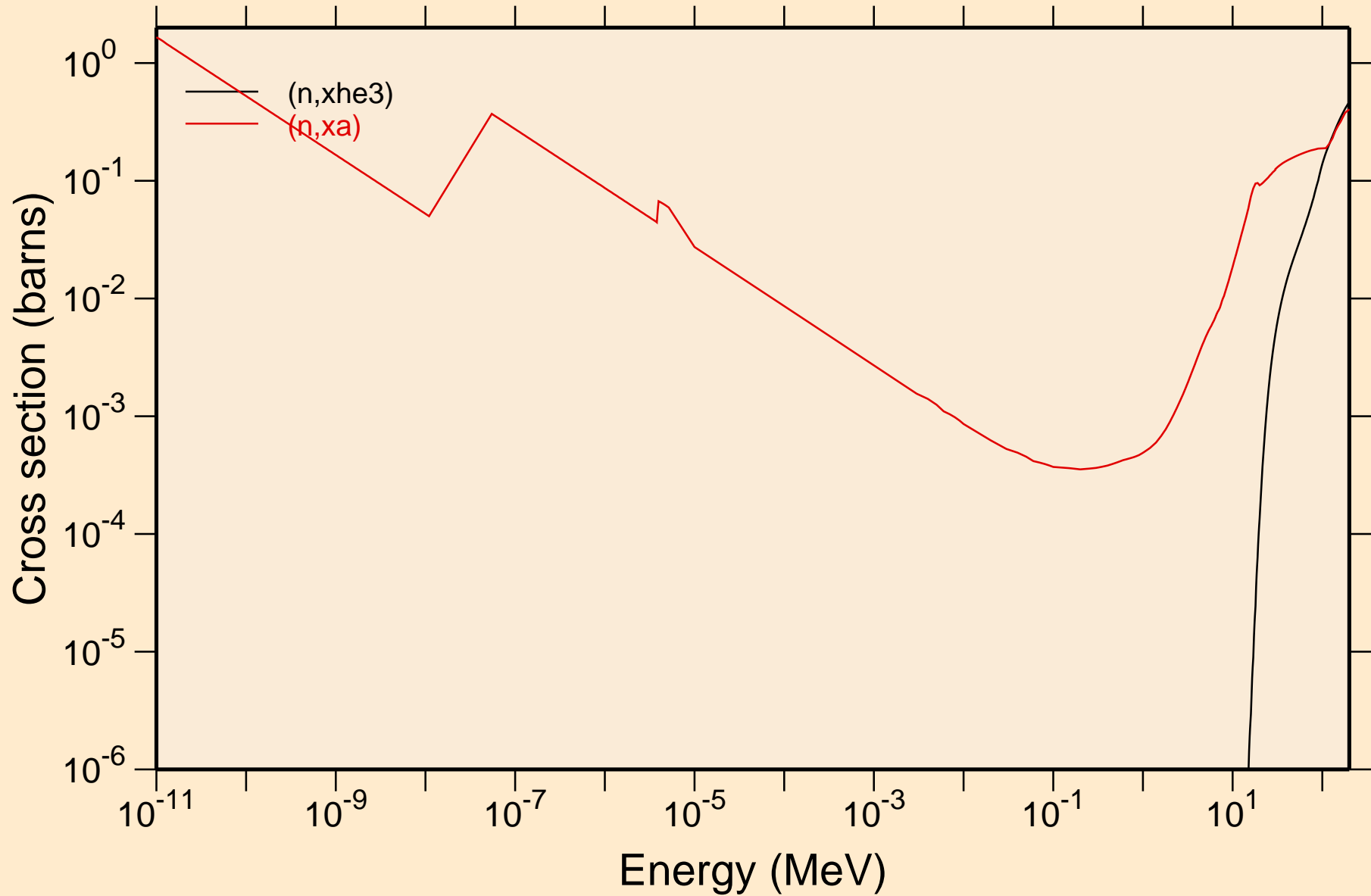


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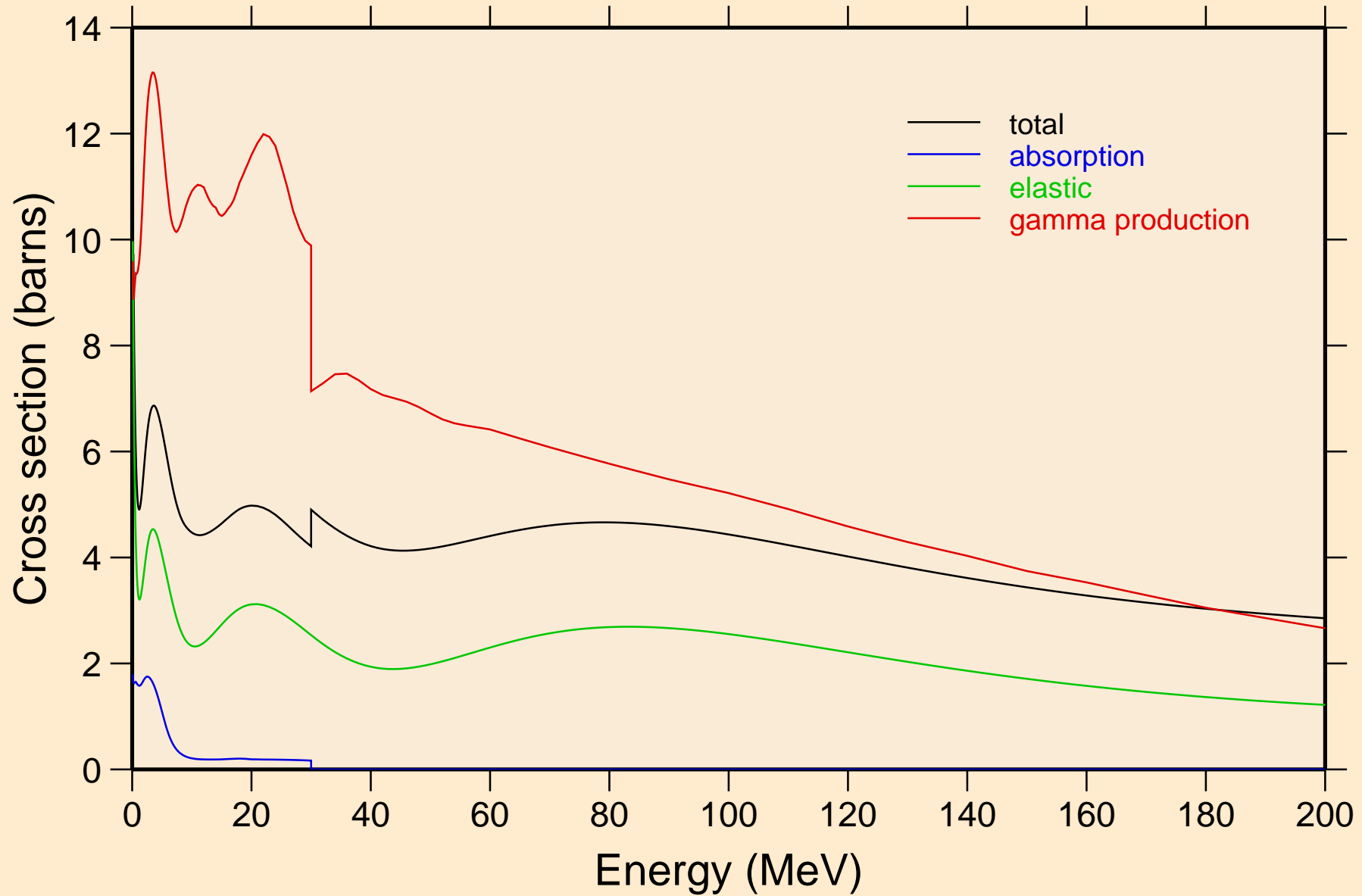
Non-threshold reactions



PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
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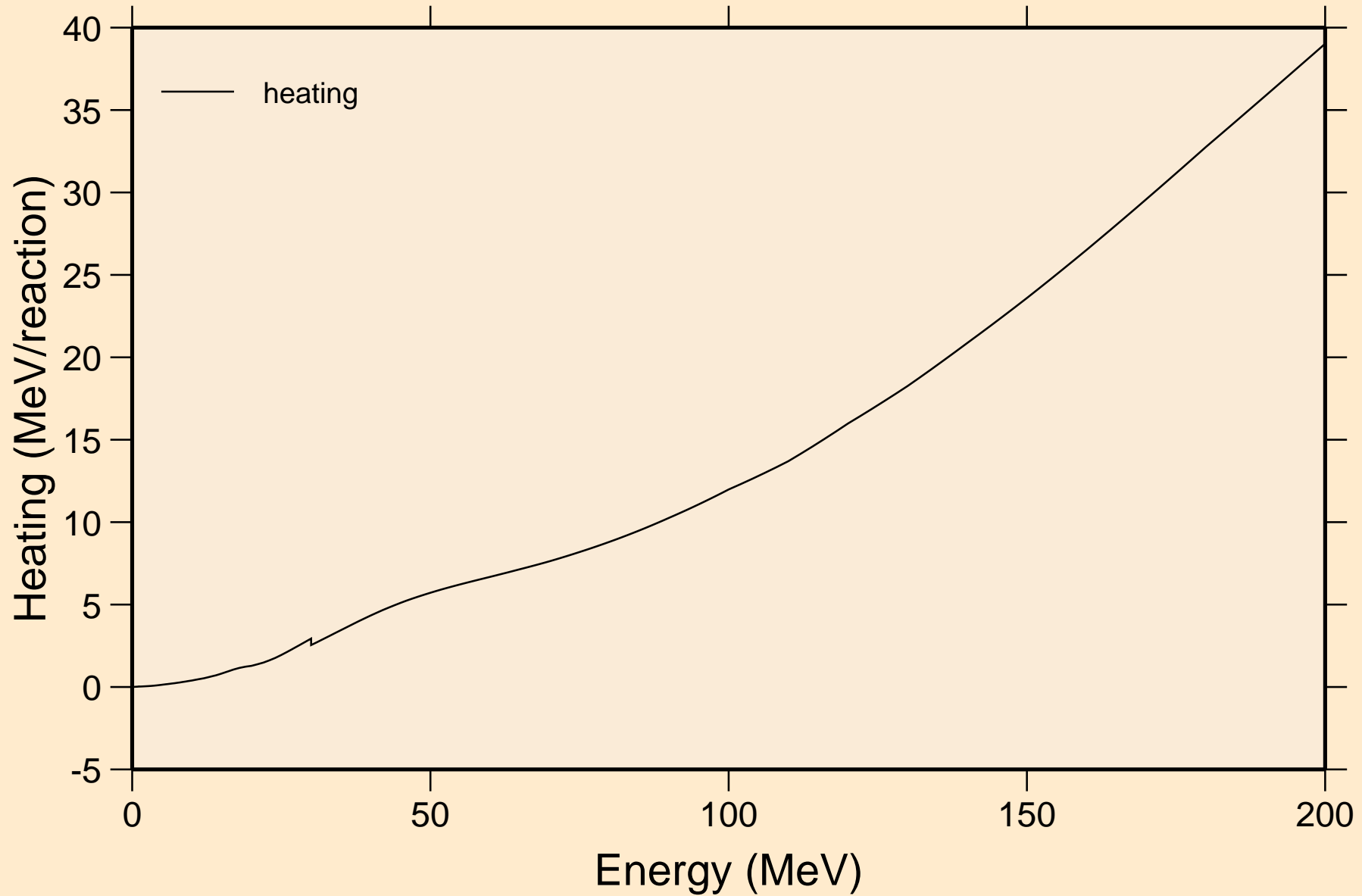


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Principal cross sections

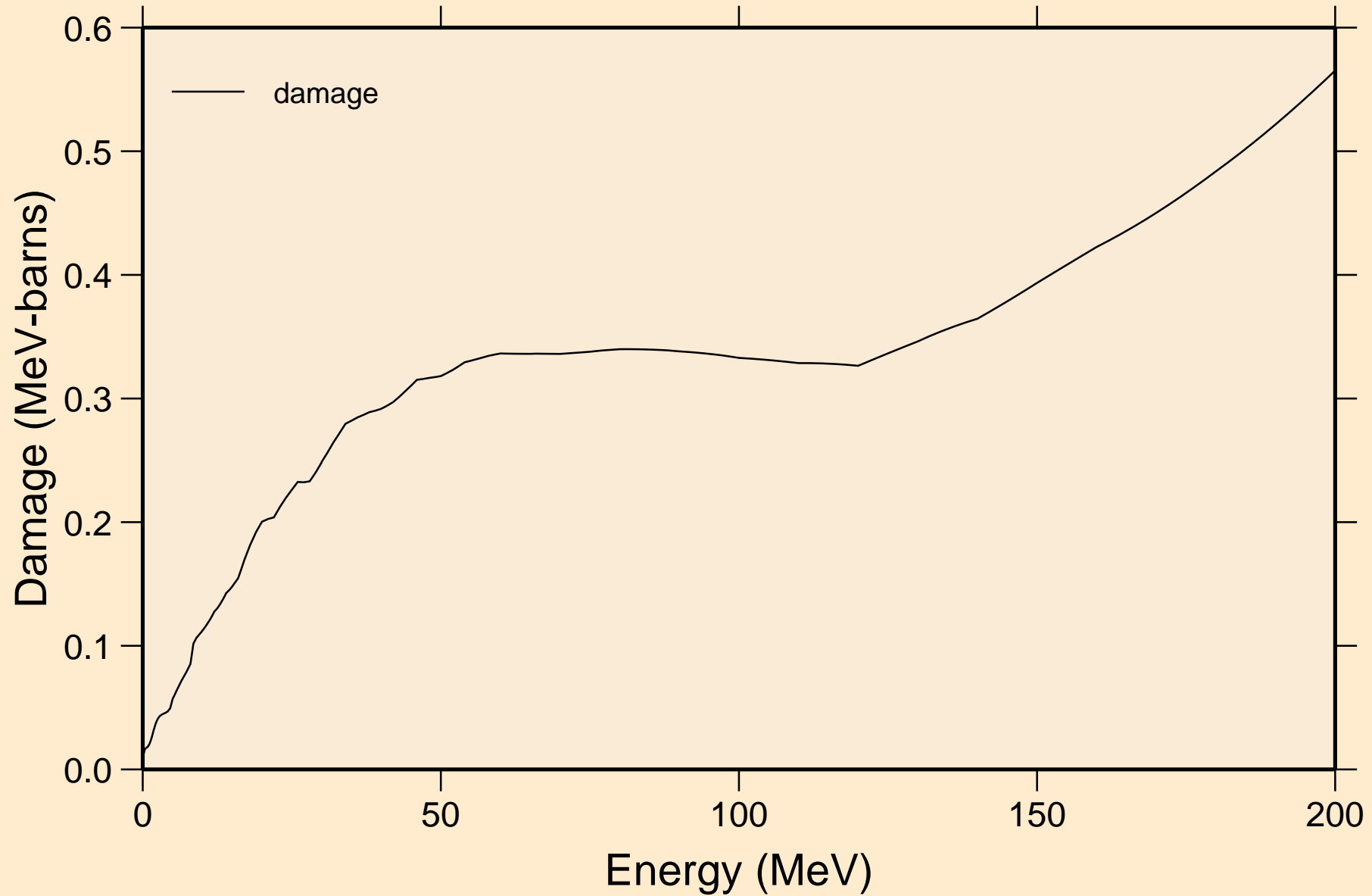


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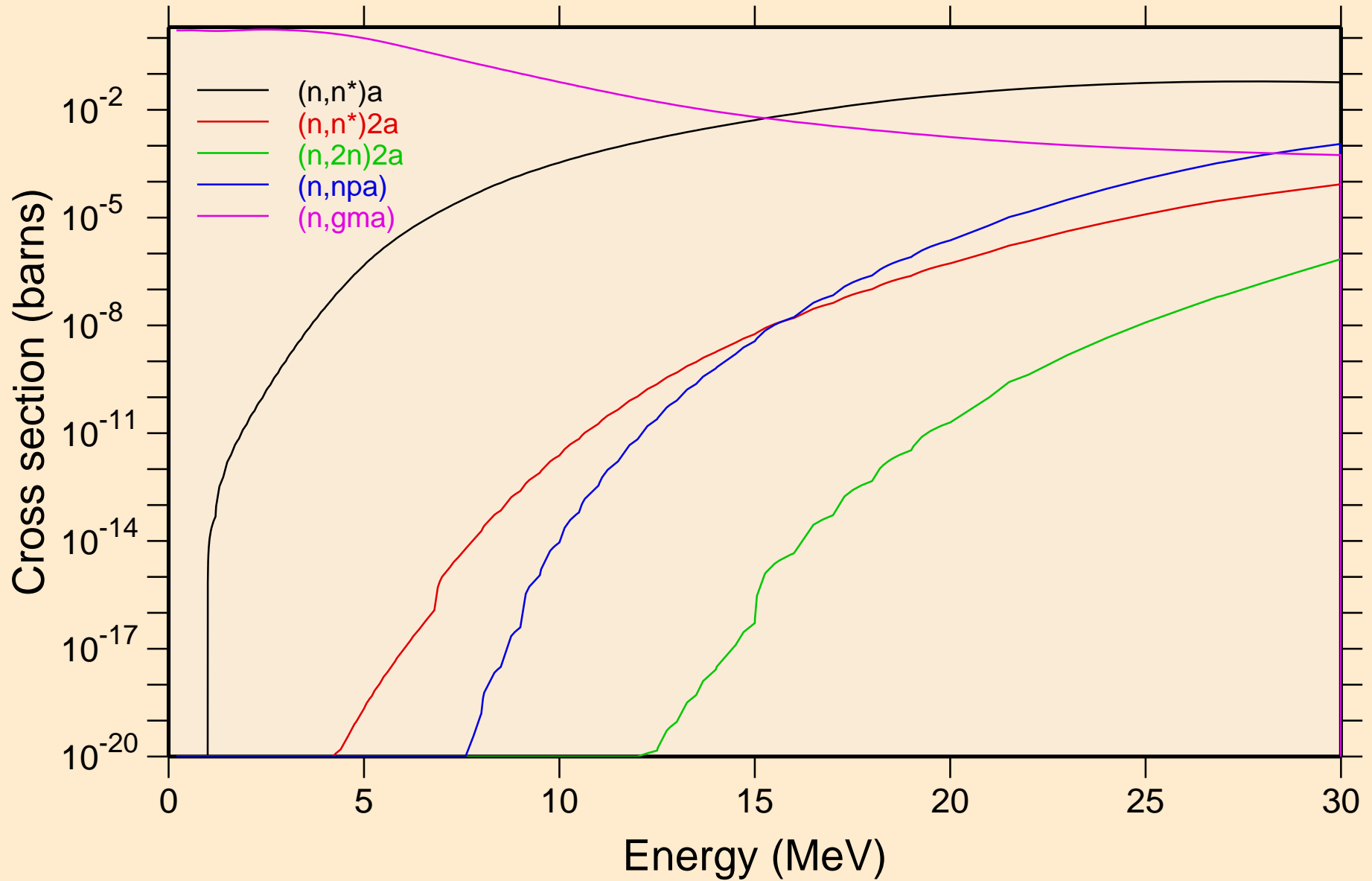
Heating



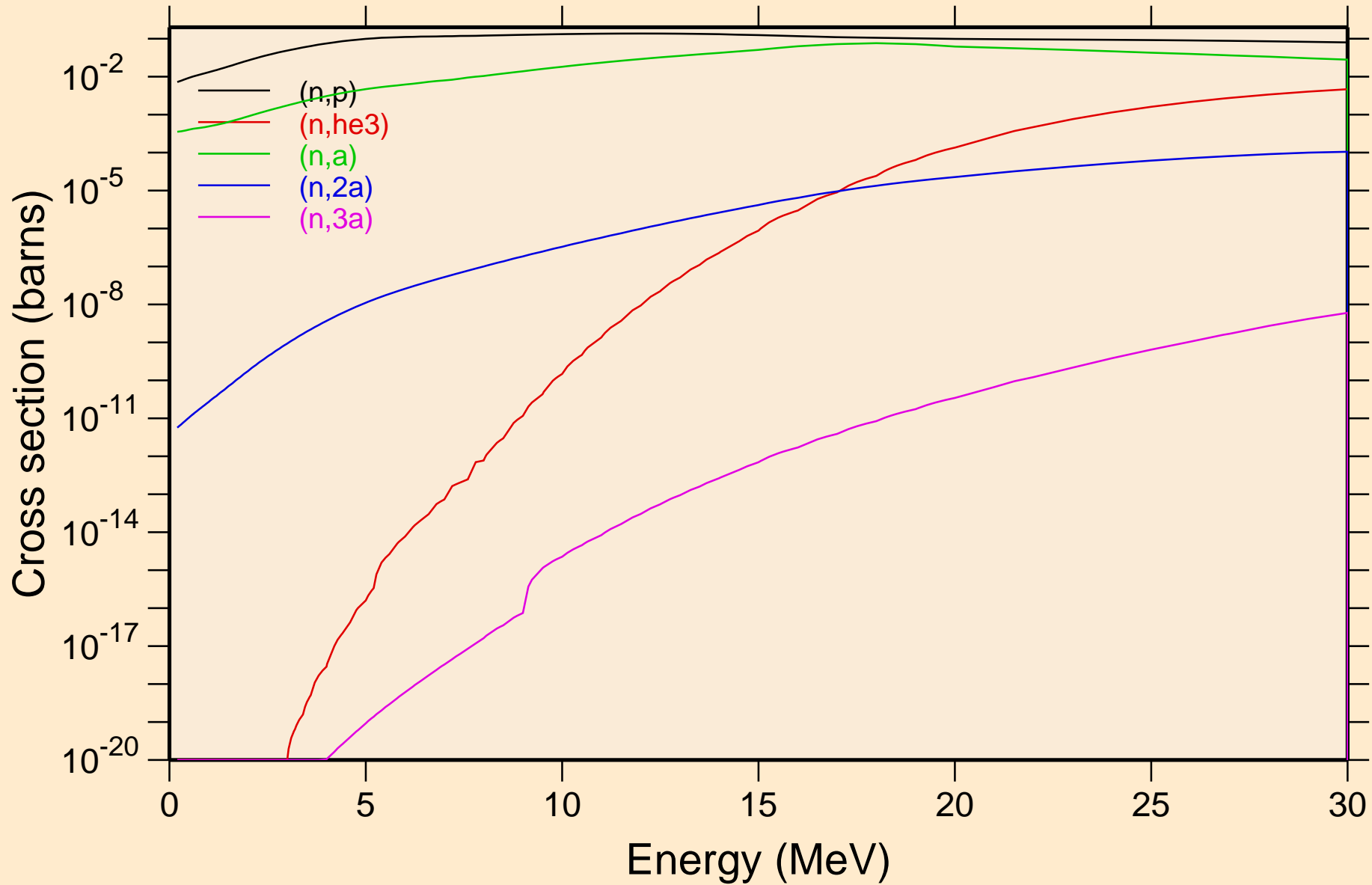
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Damage



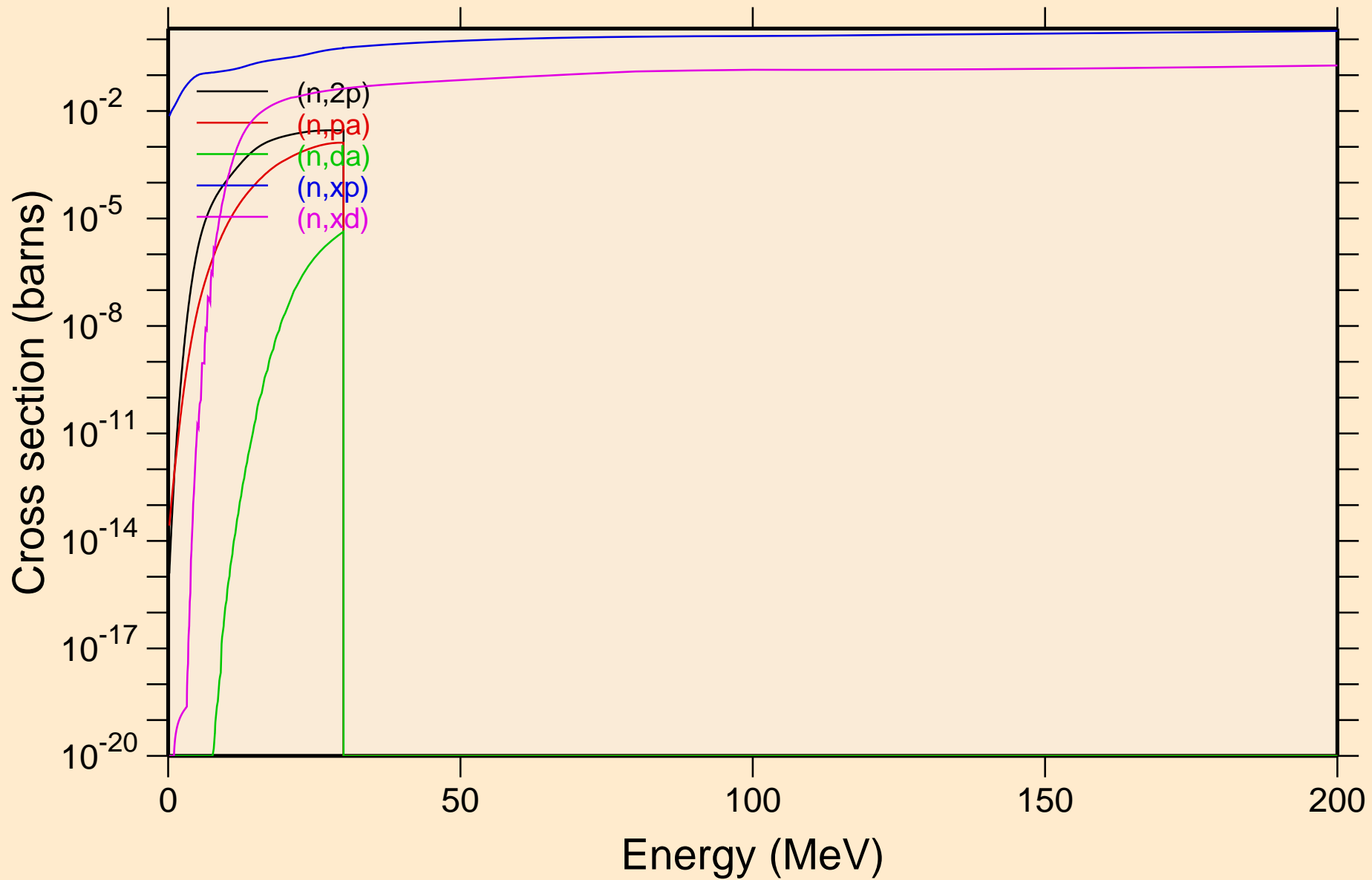
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Non-threshold reactions



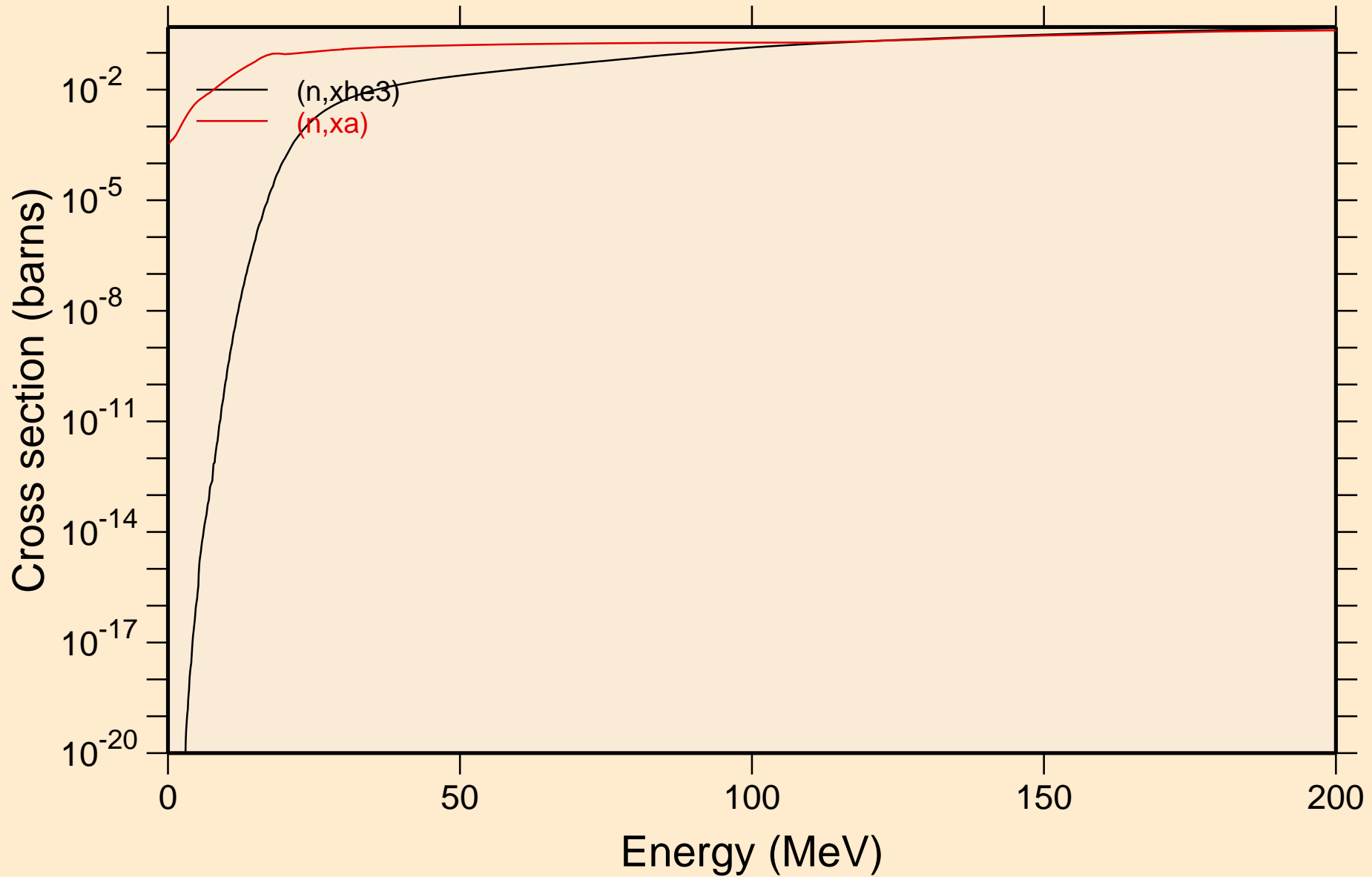
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Non-threshold reactions



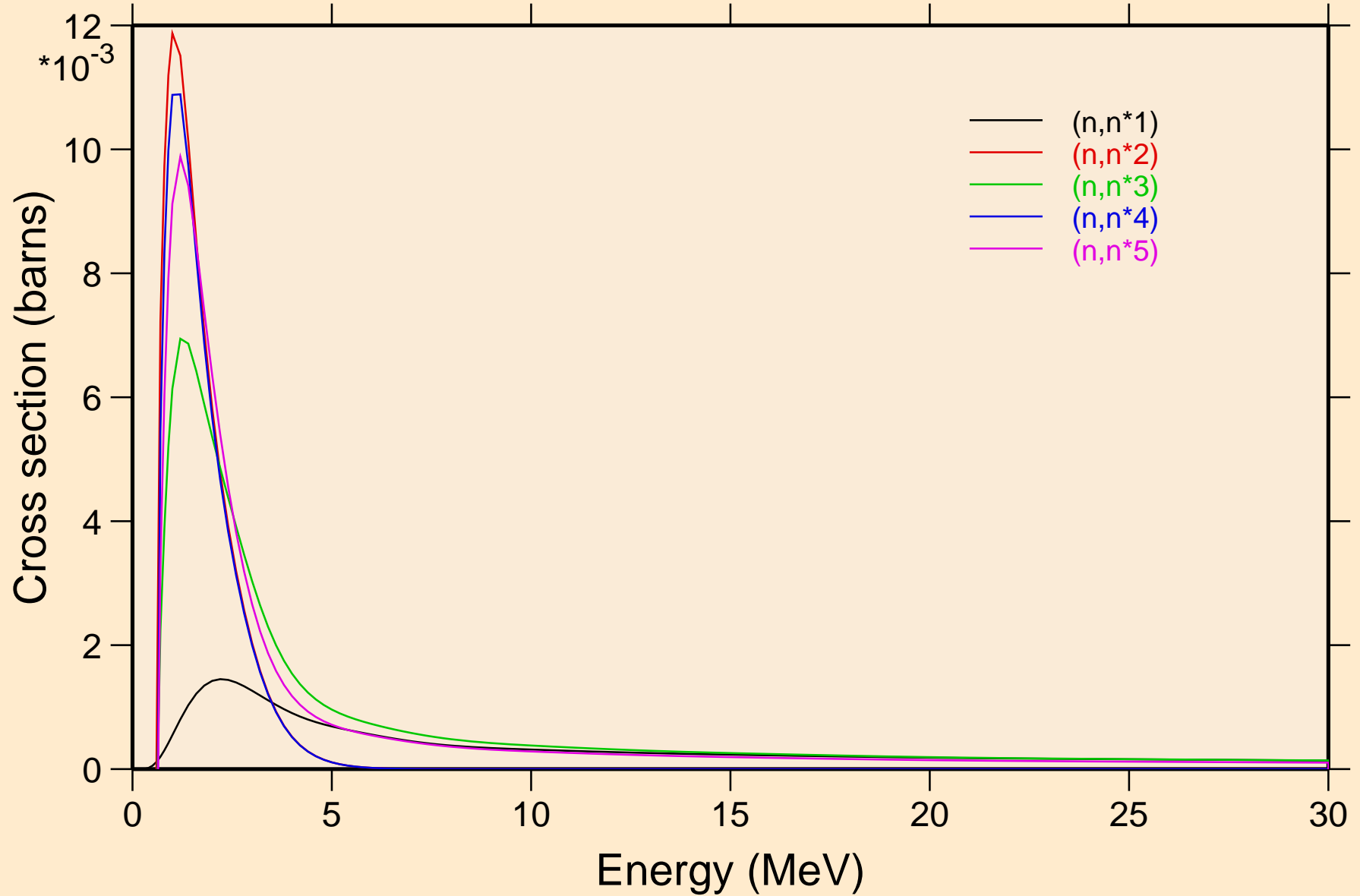
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Non-threshold reactions



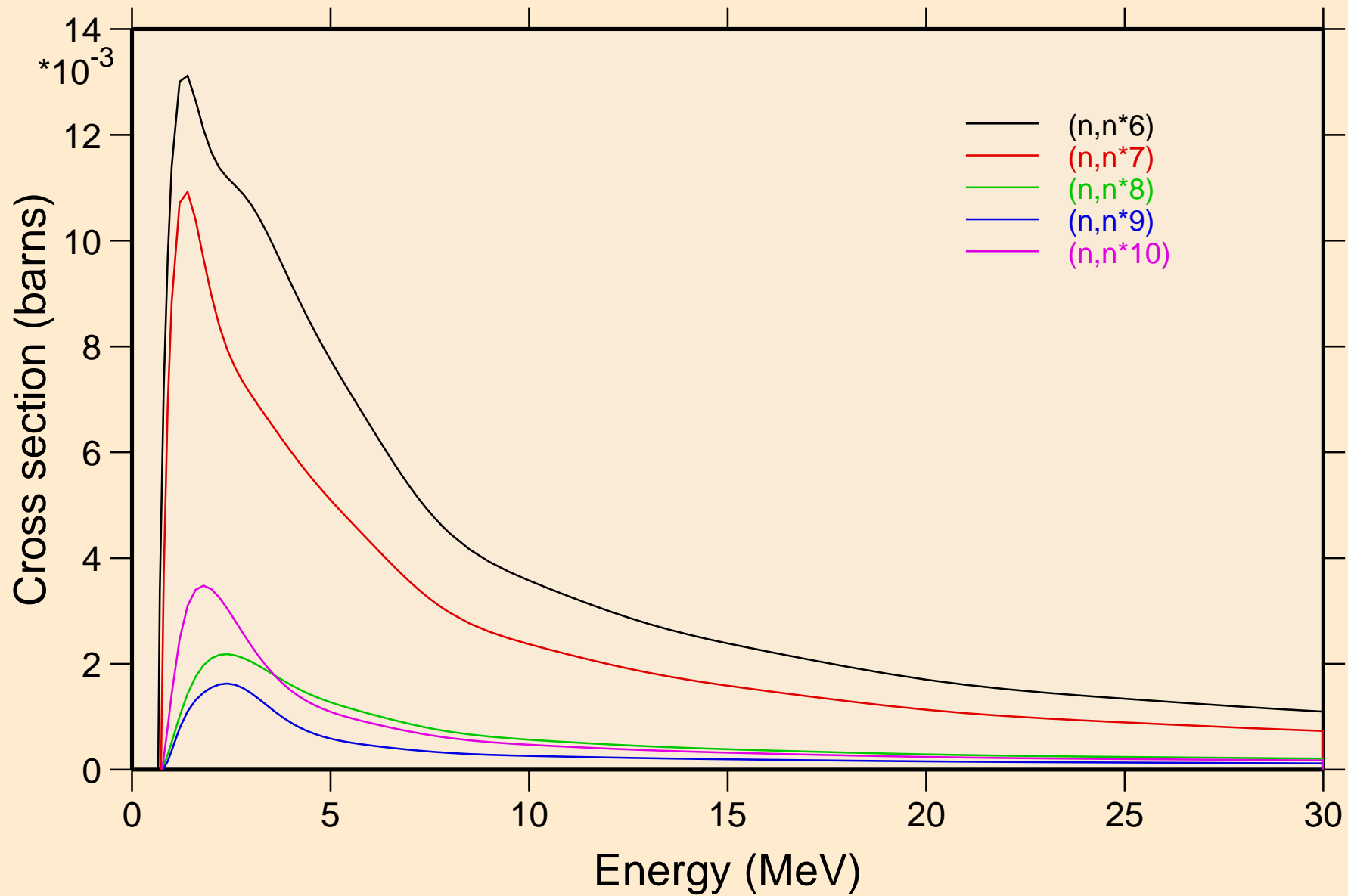
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Non-threshold reactions



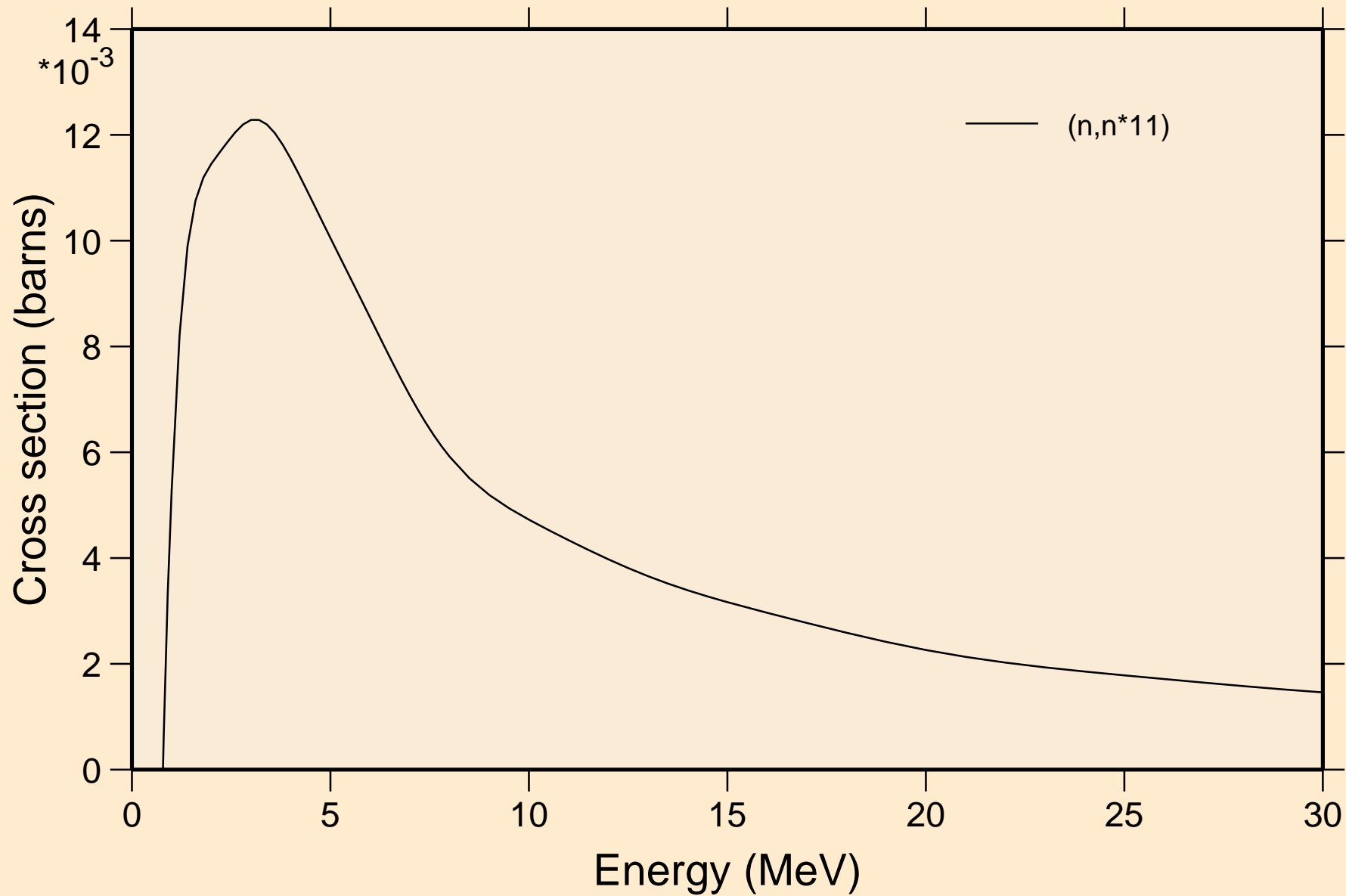
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Inelastic levels



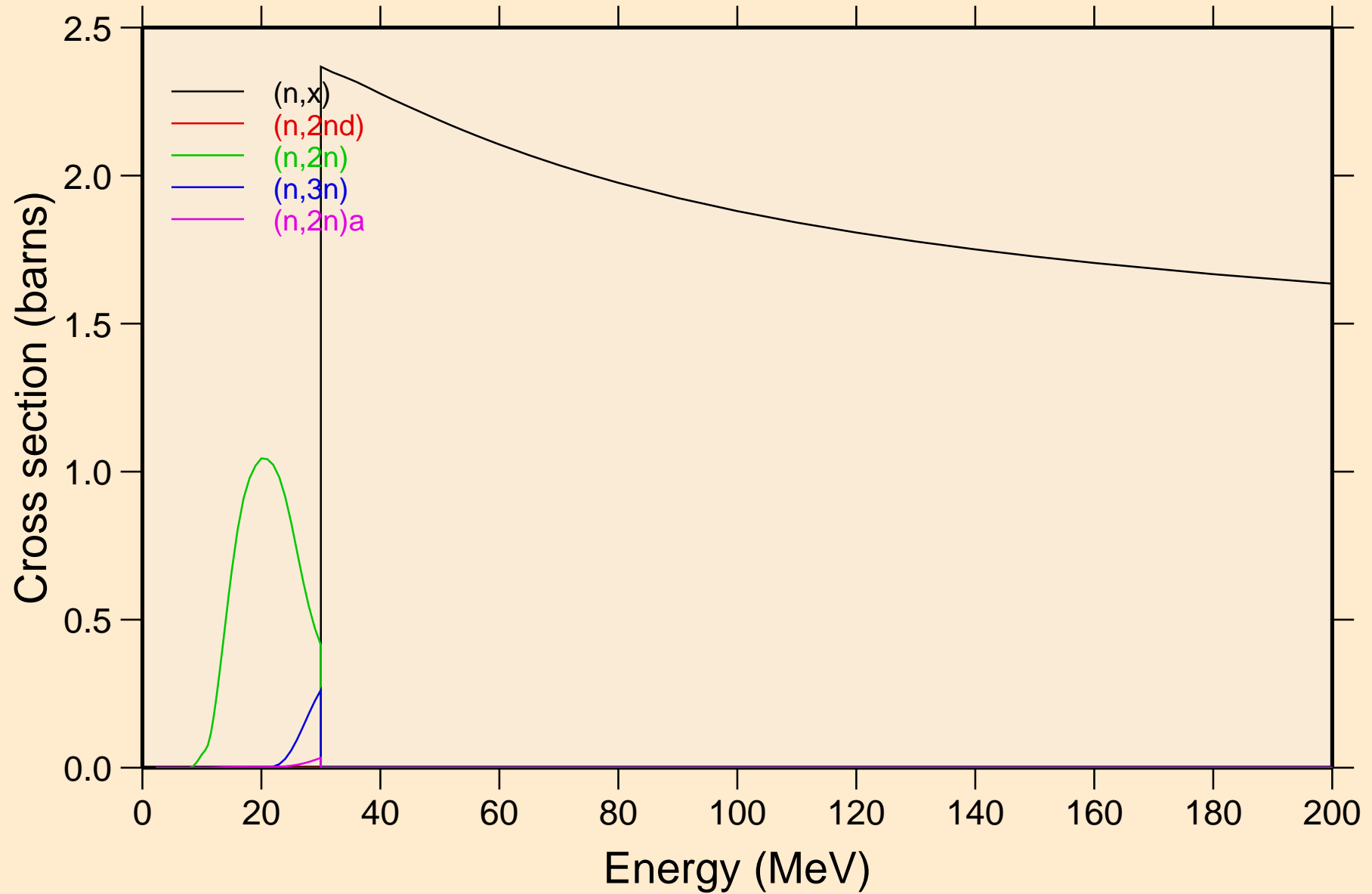
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Inelastic levels



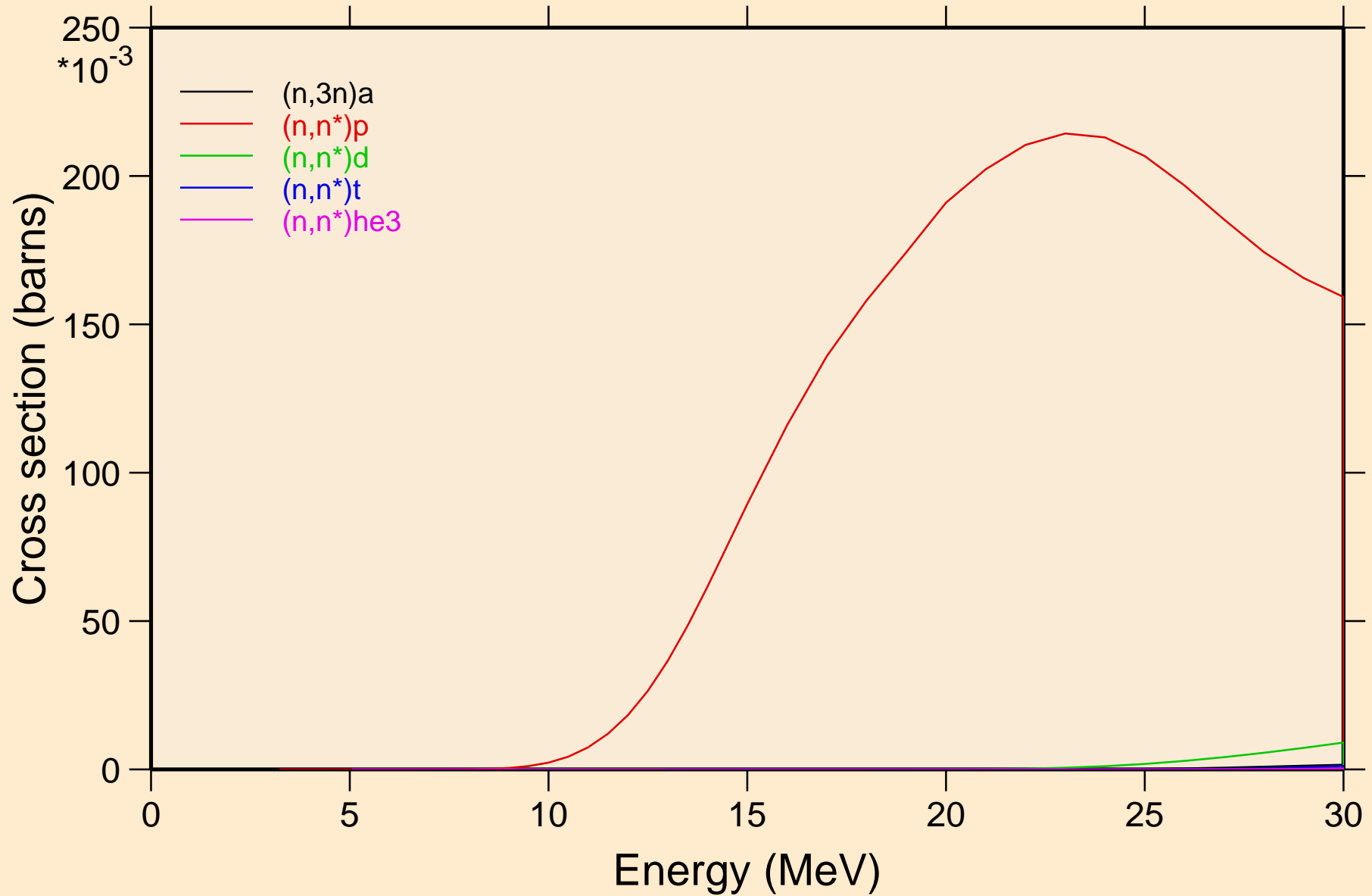
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Inelastic levels



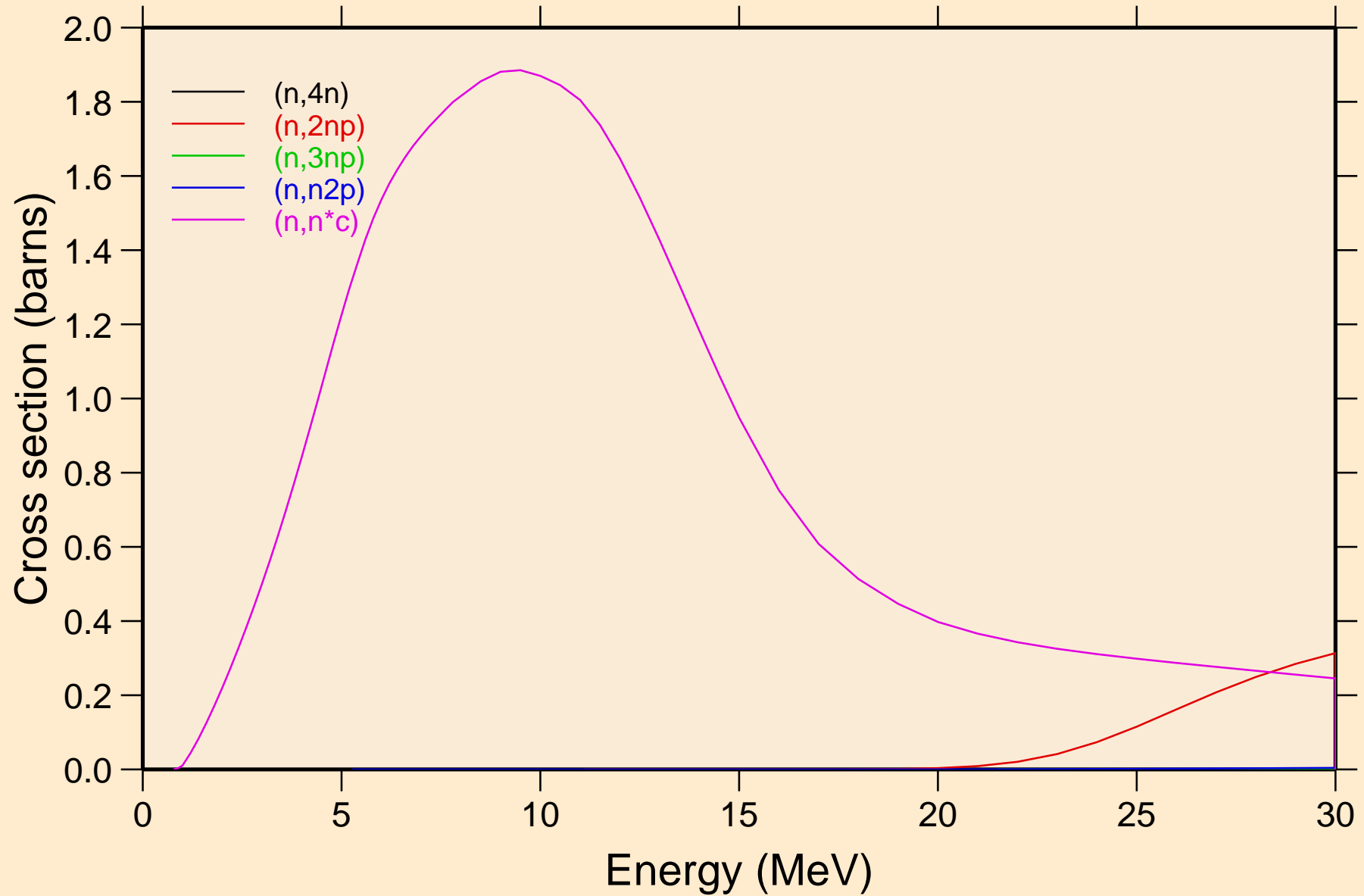
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Threshold reactions



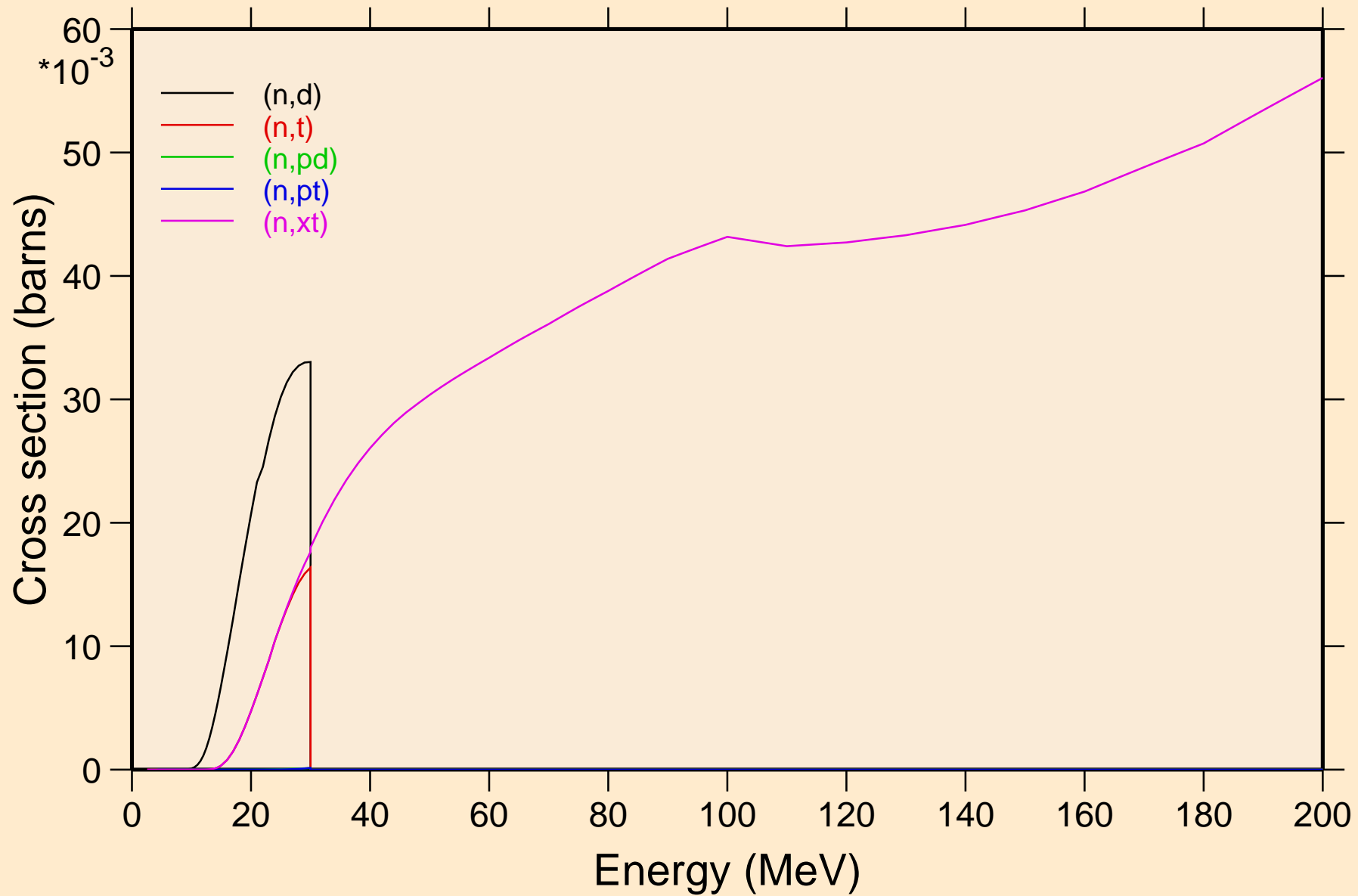
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Threshold reactions



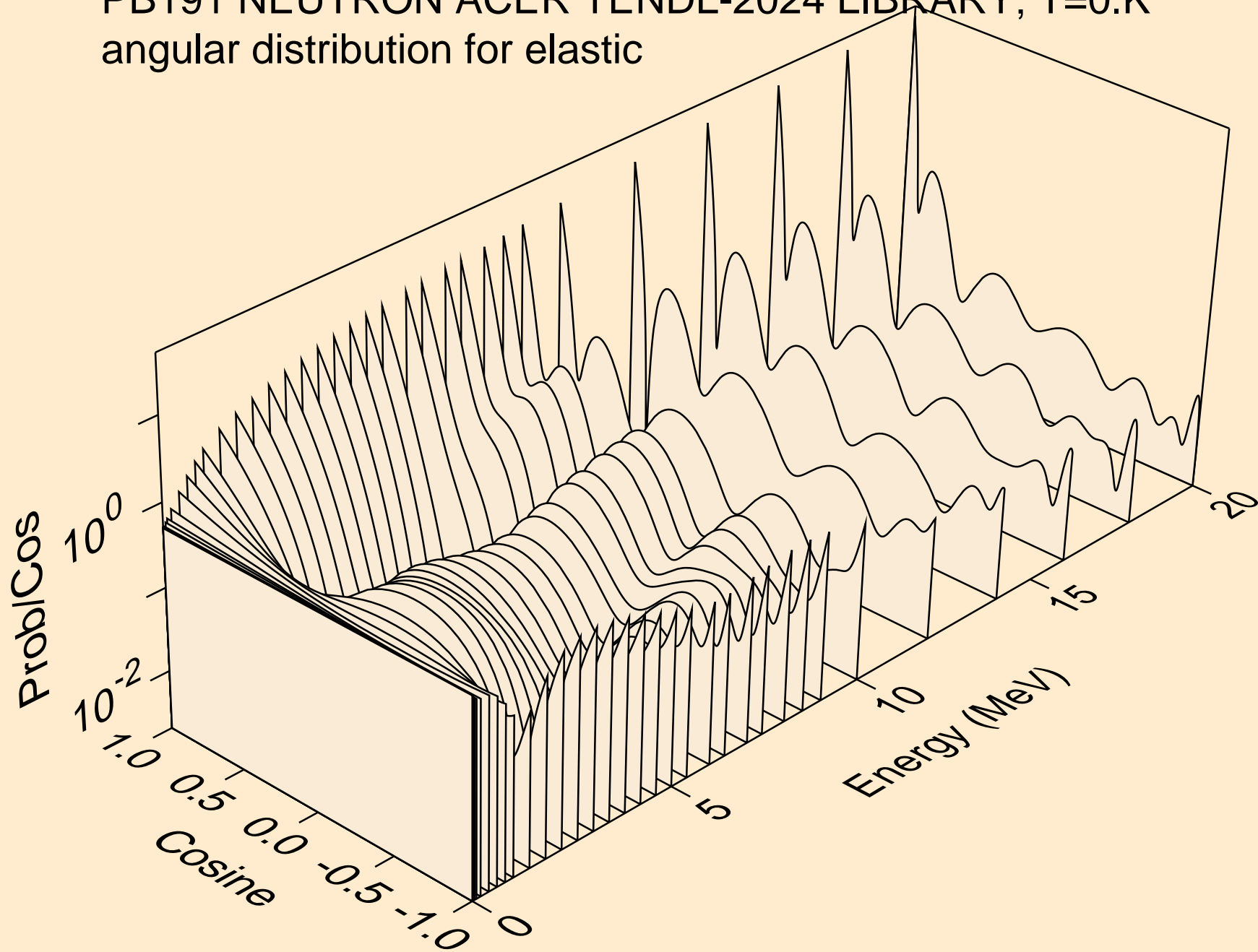
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Threshold reactions



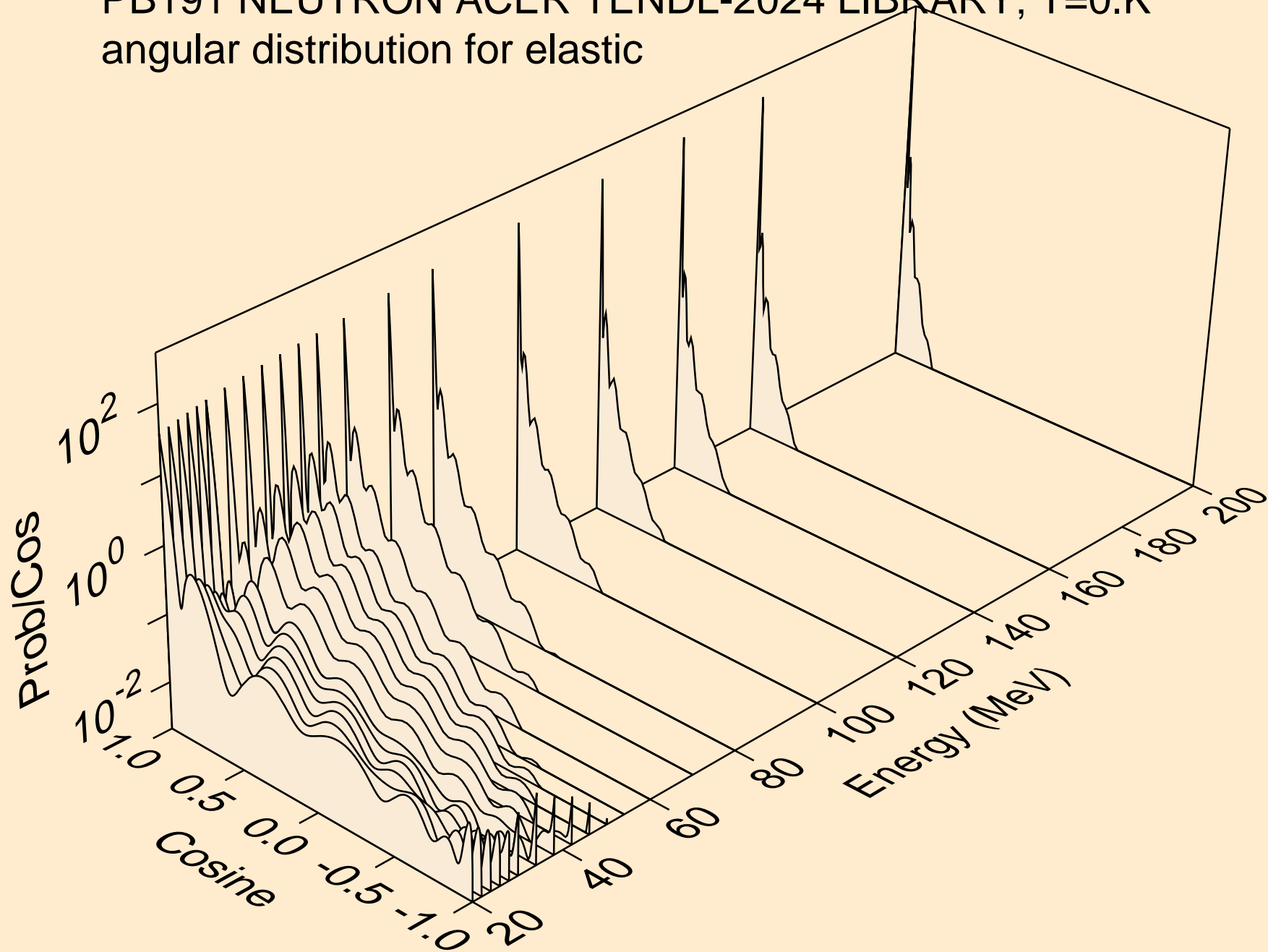
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Threshold reactions



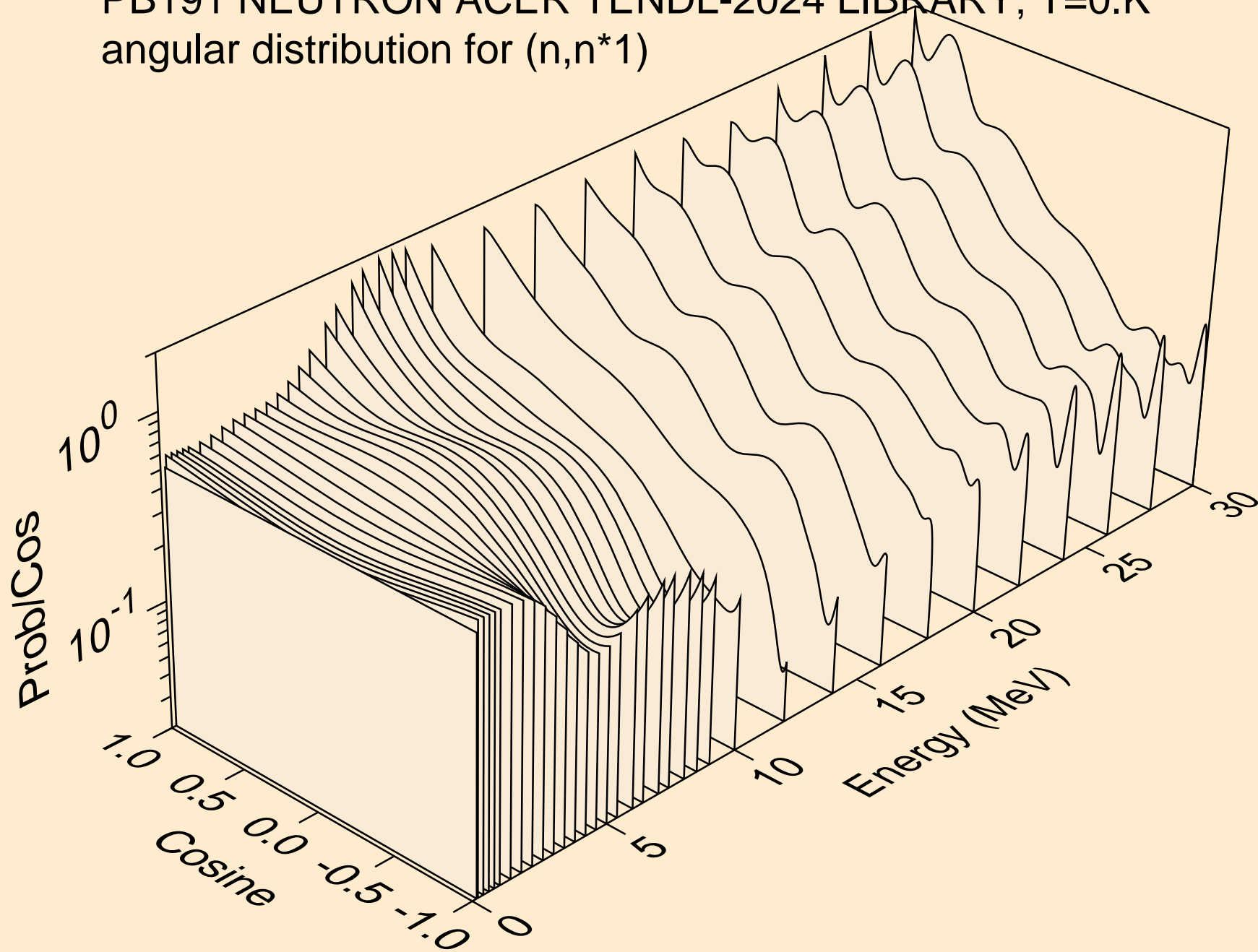
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angular distribution for elastic



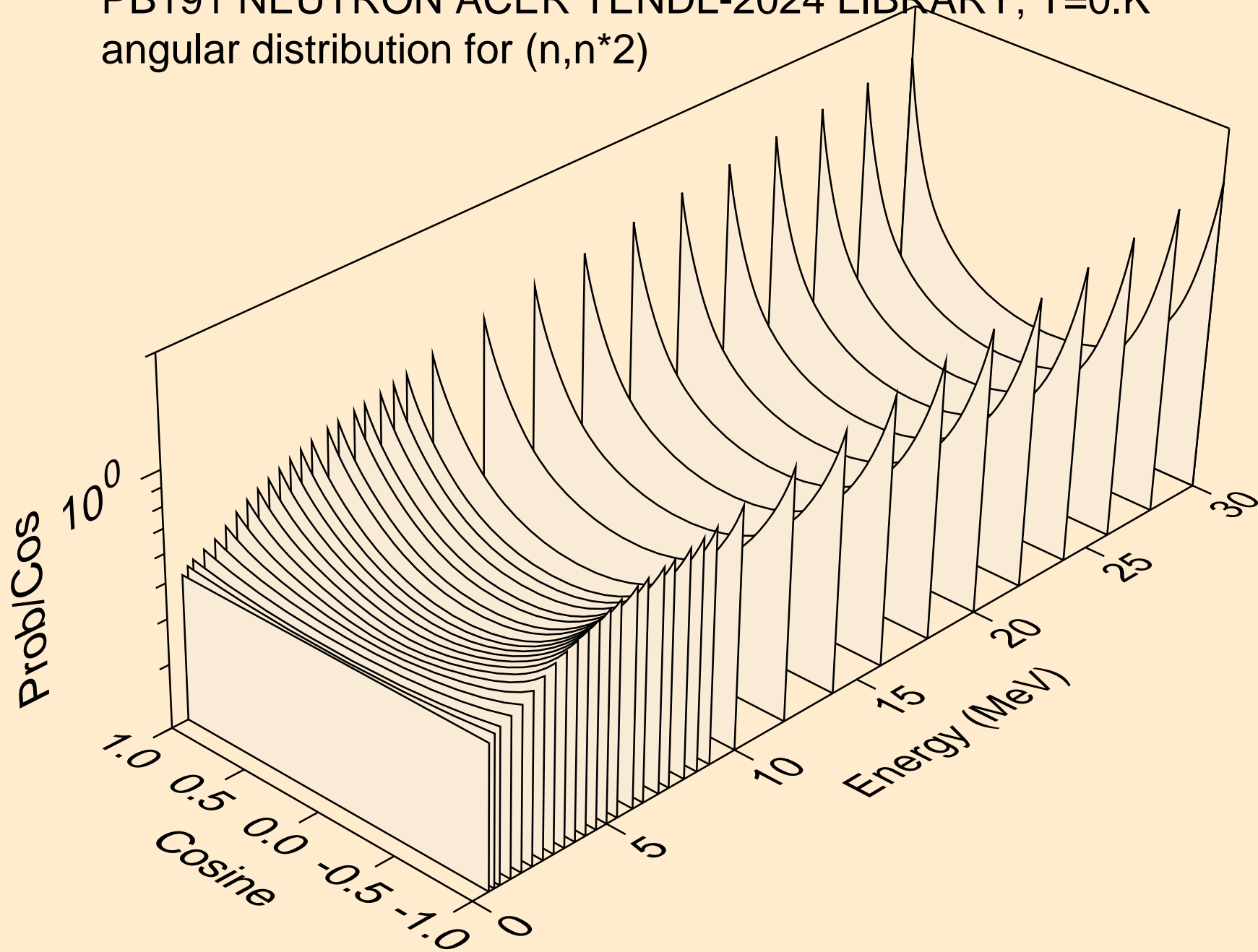
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angular distribution for elastic



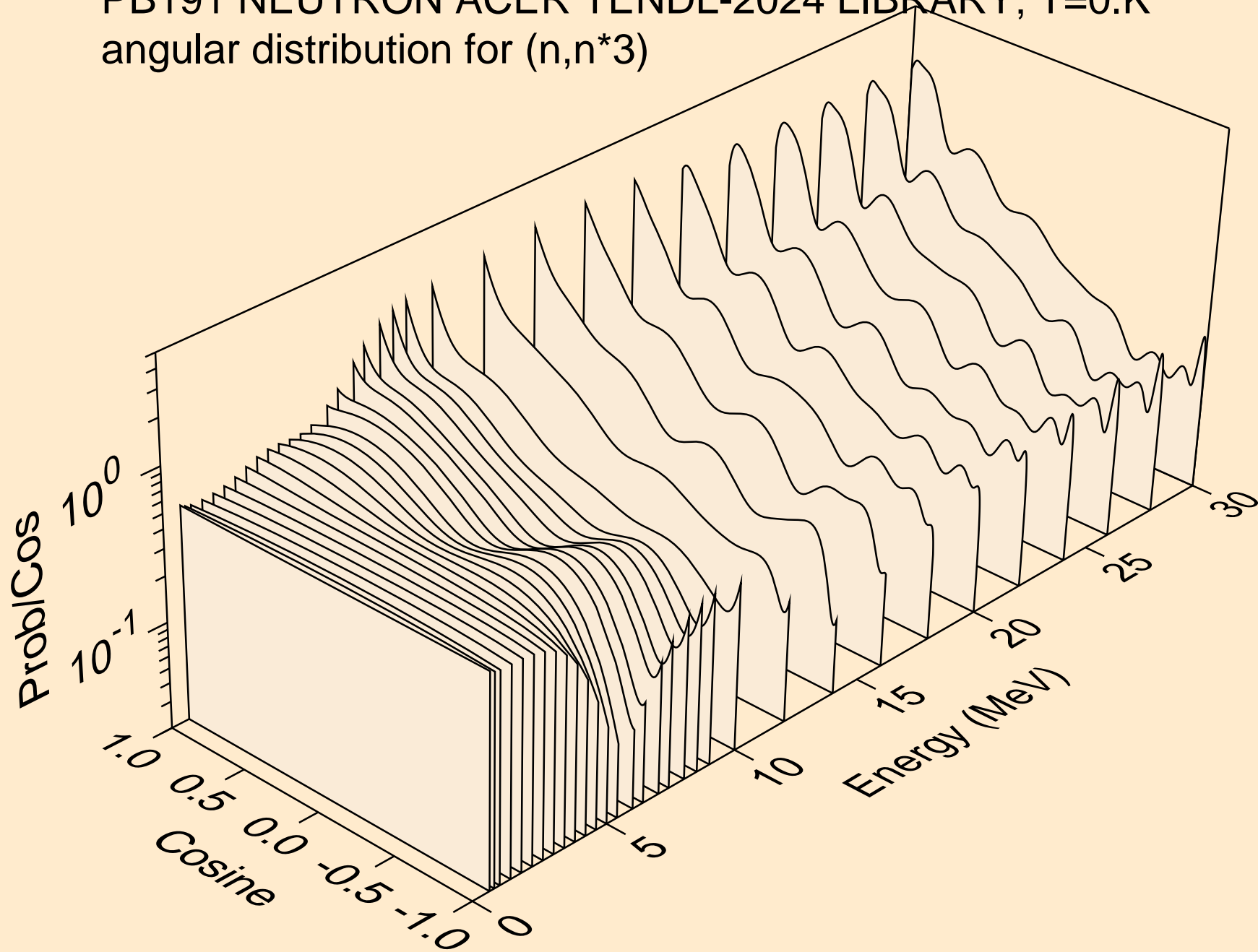
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angular distribution for (n,n*1)



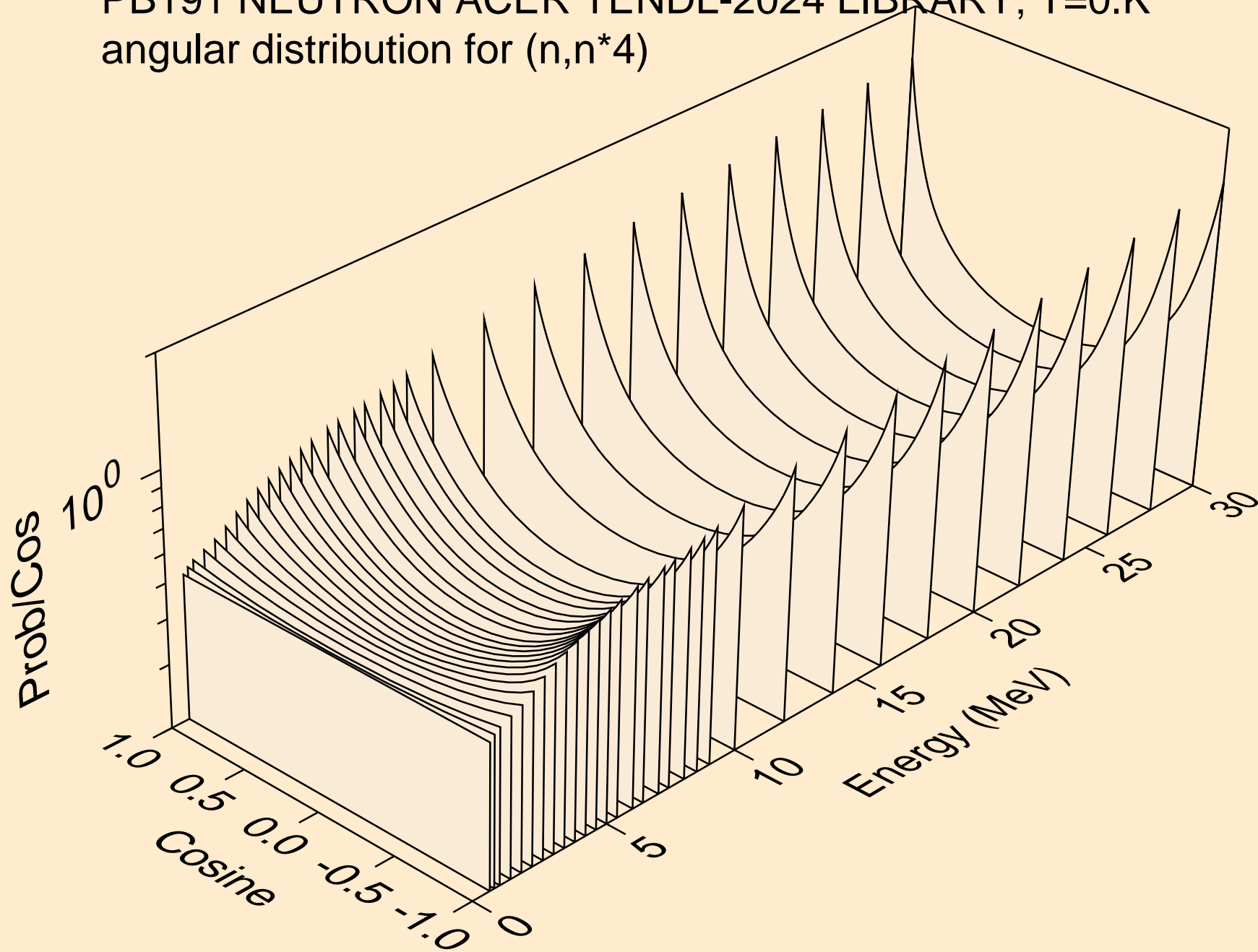
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angular distribution for (n,n*2)



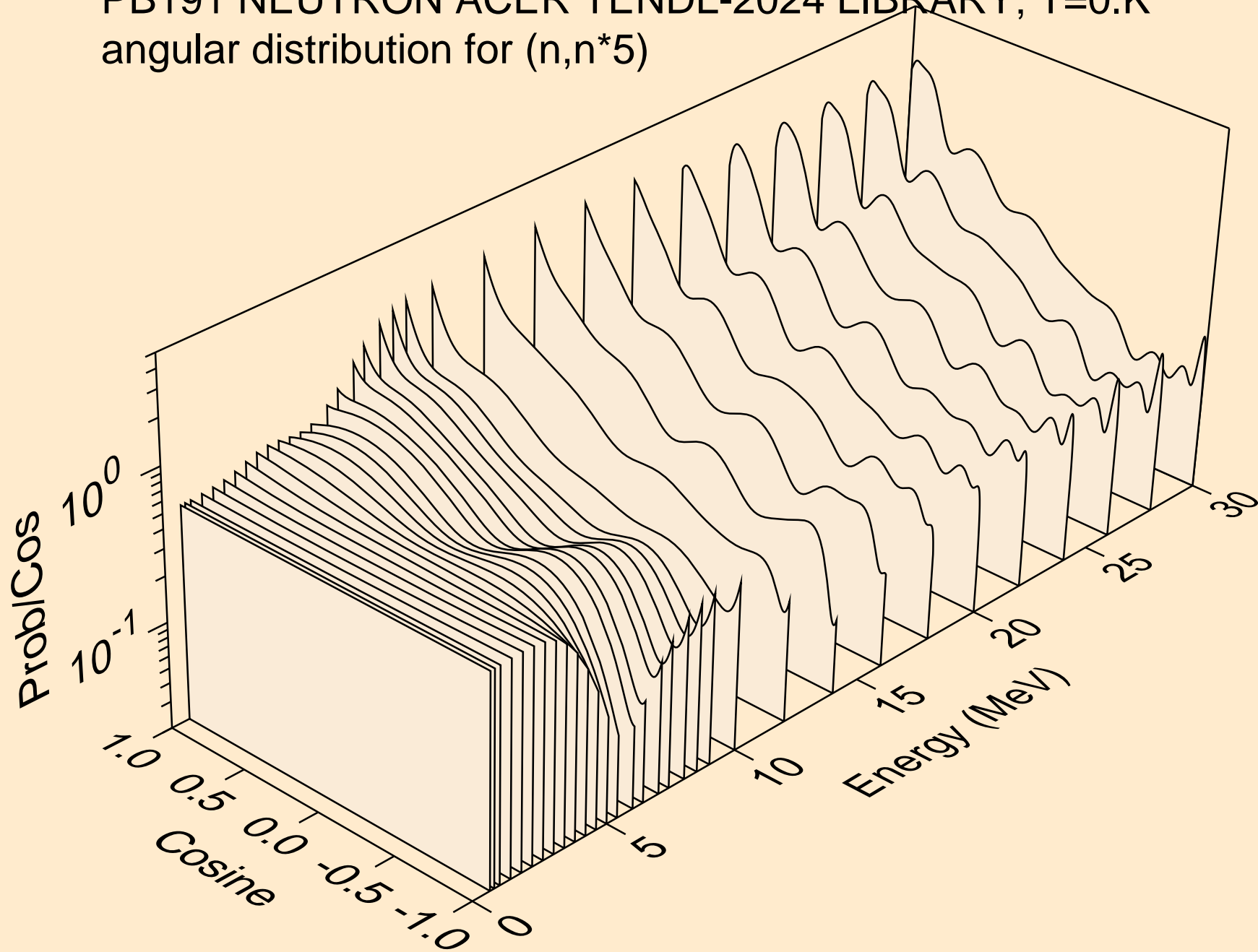
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angular distribution for (n,n*3)



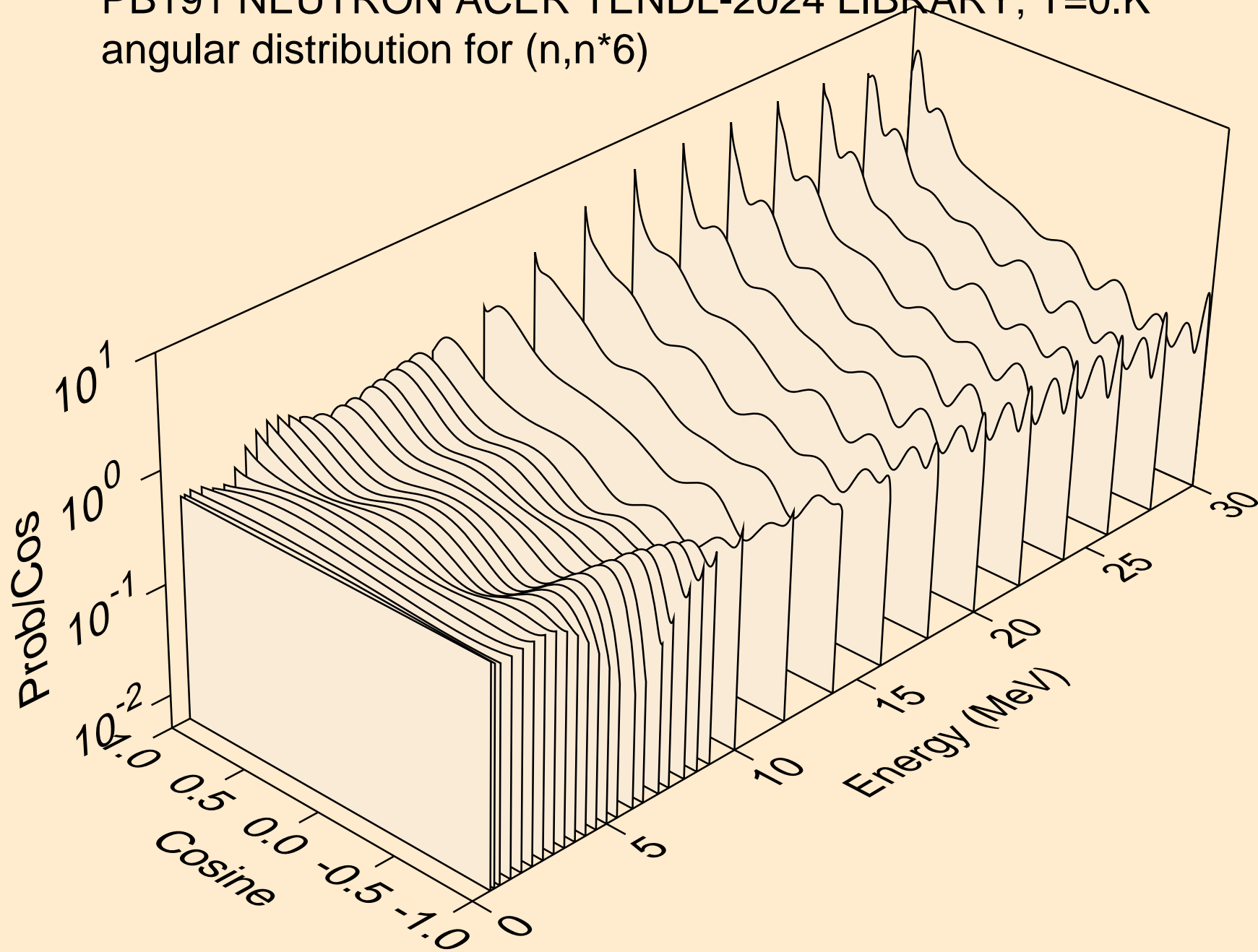
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angular distribution for (n,n*4)



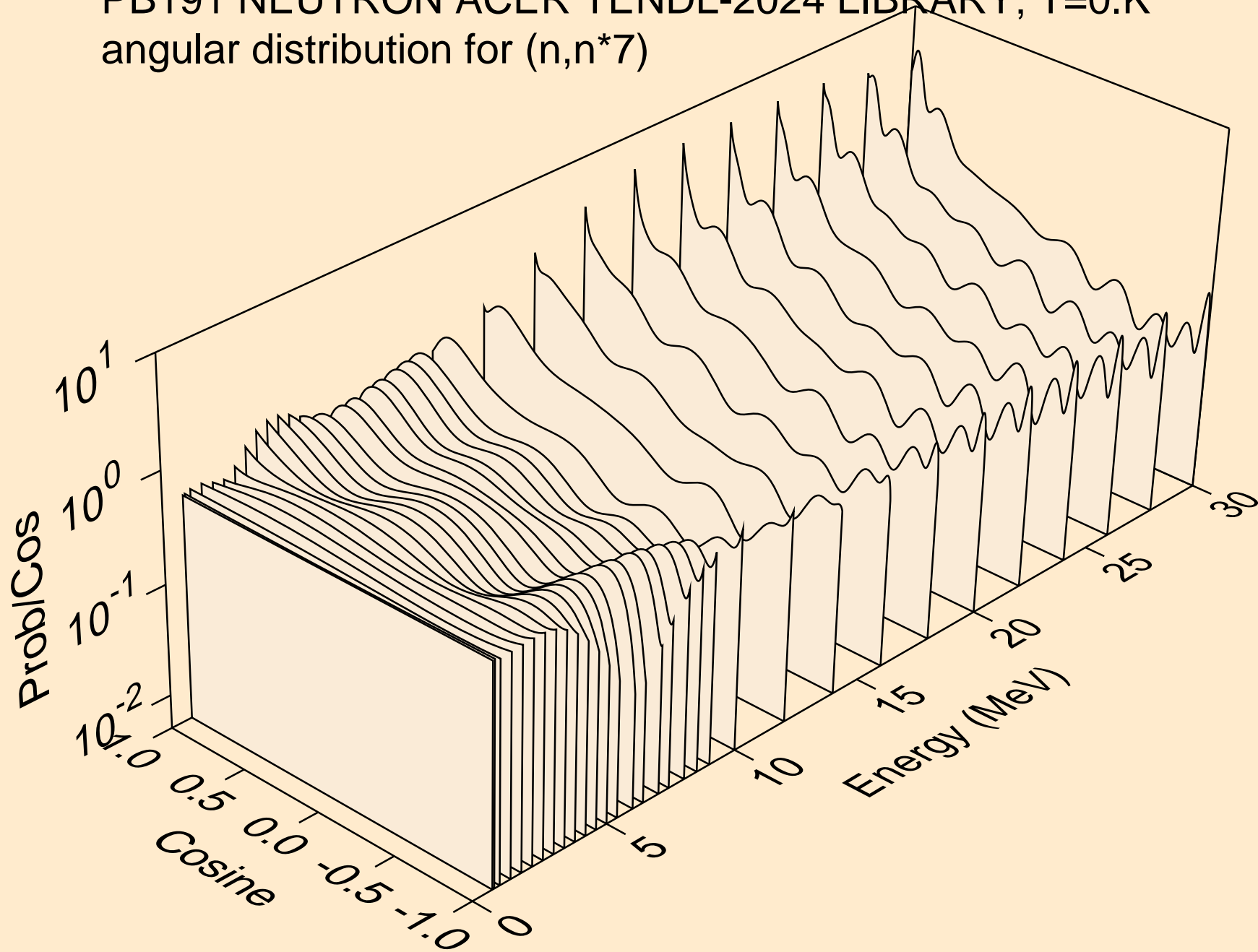
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angular distribution for (n,n*5)



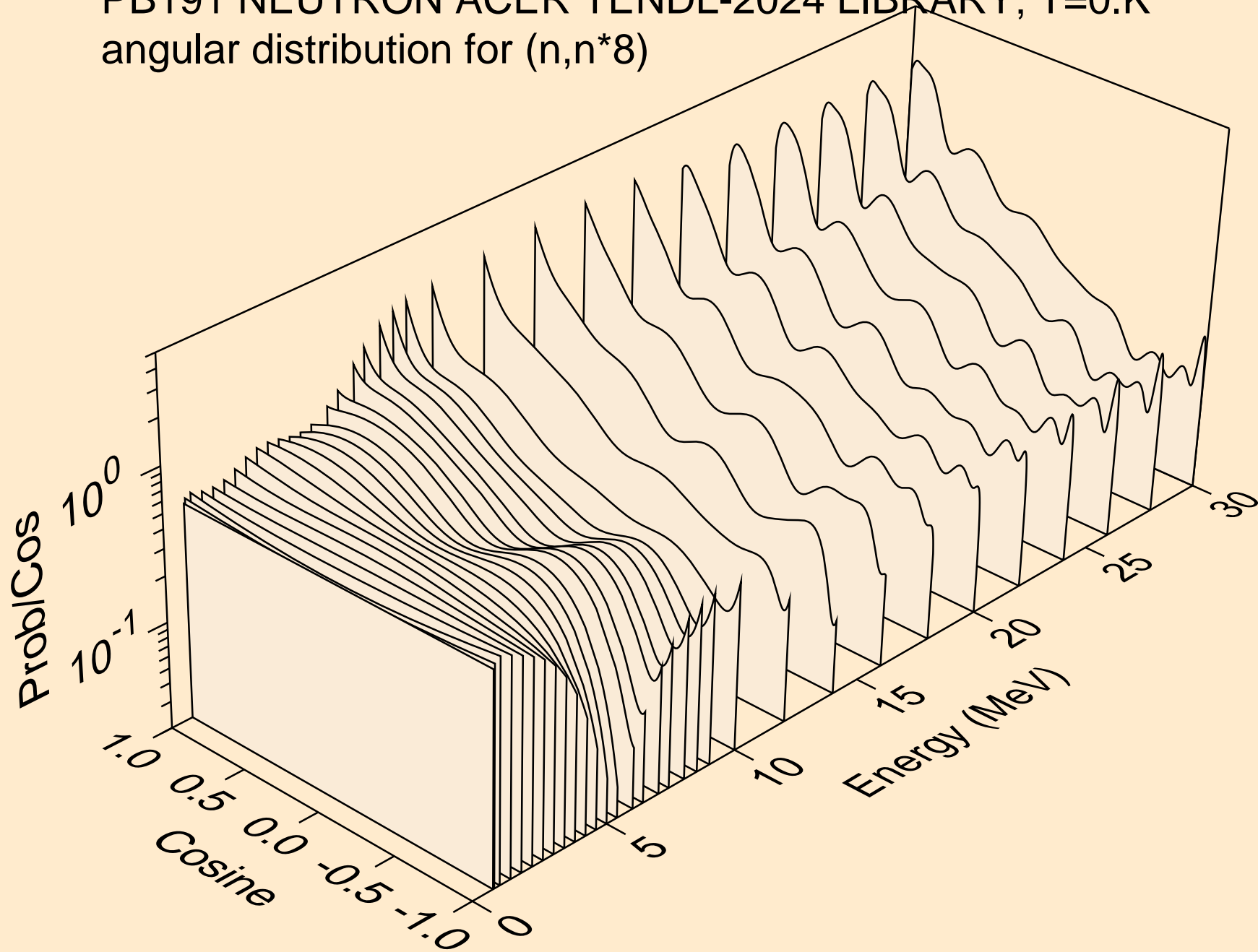
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angular distribution for (n,n*6)



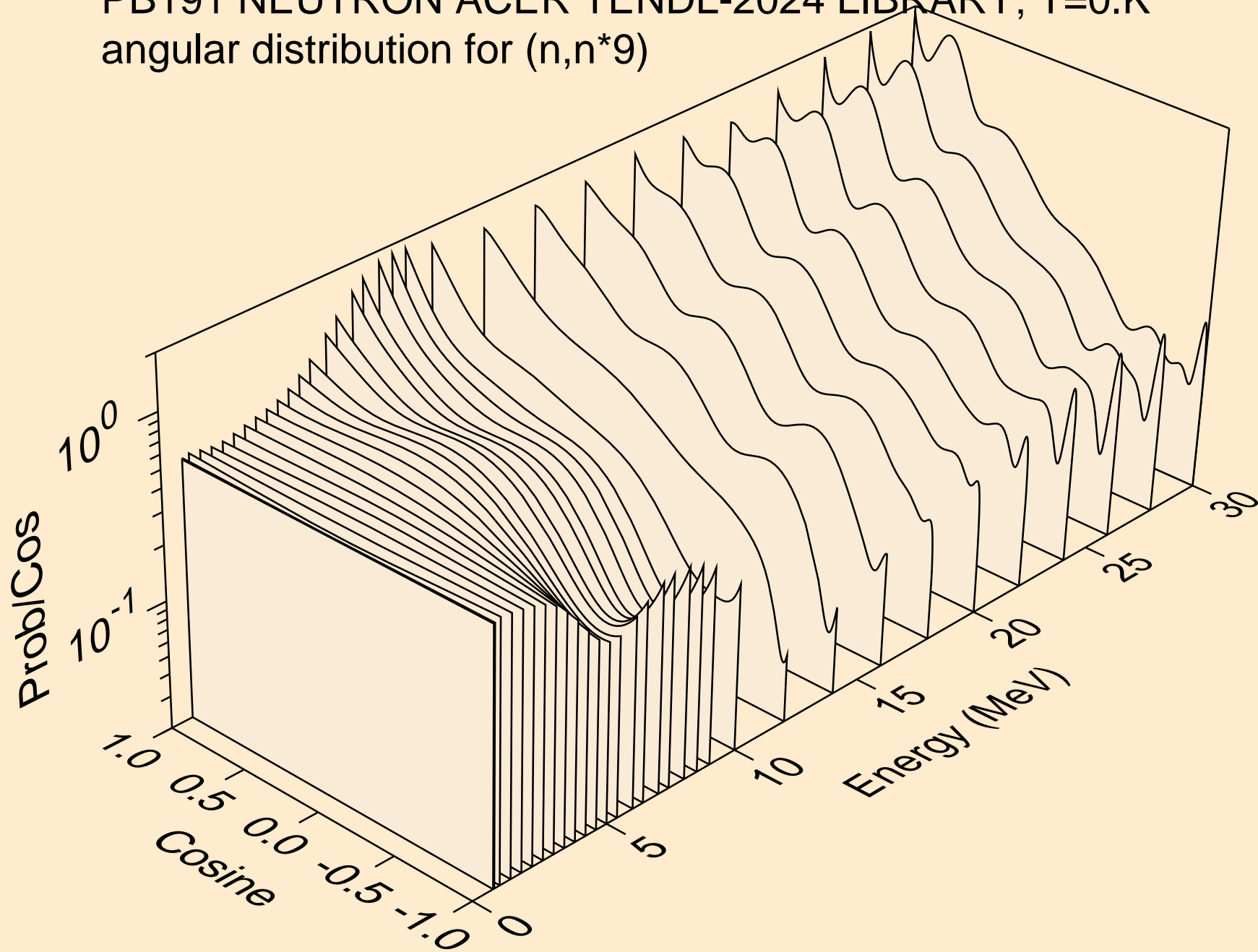
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angular distribution for (n,n*7)



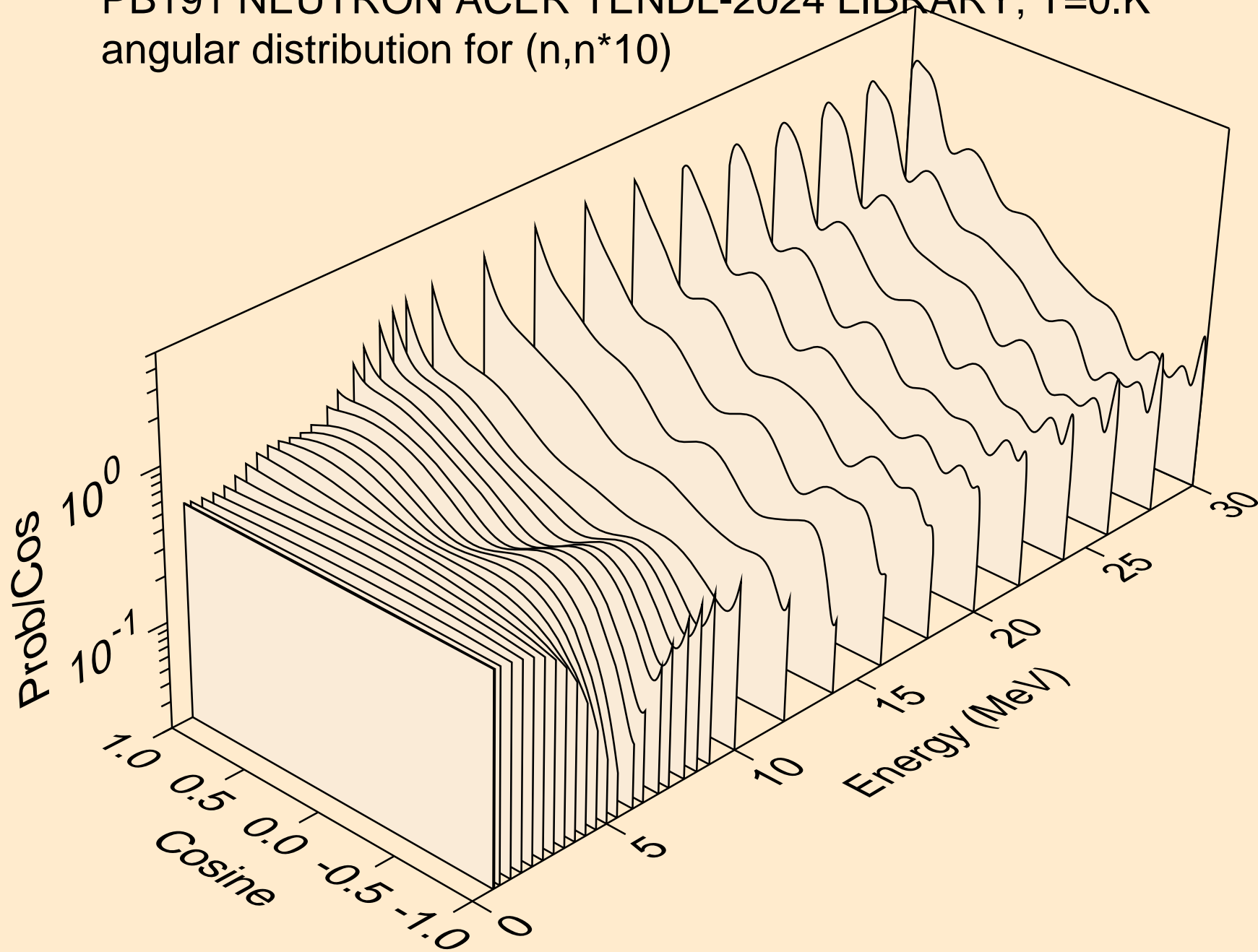
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angular distribution for (n,n*8)



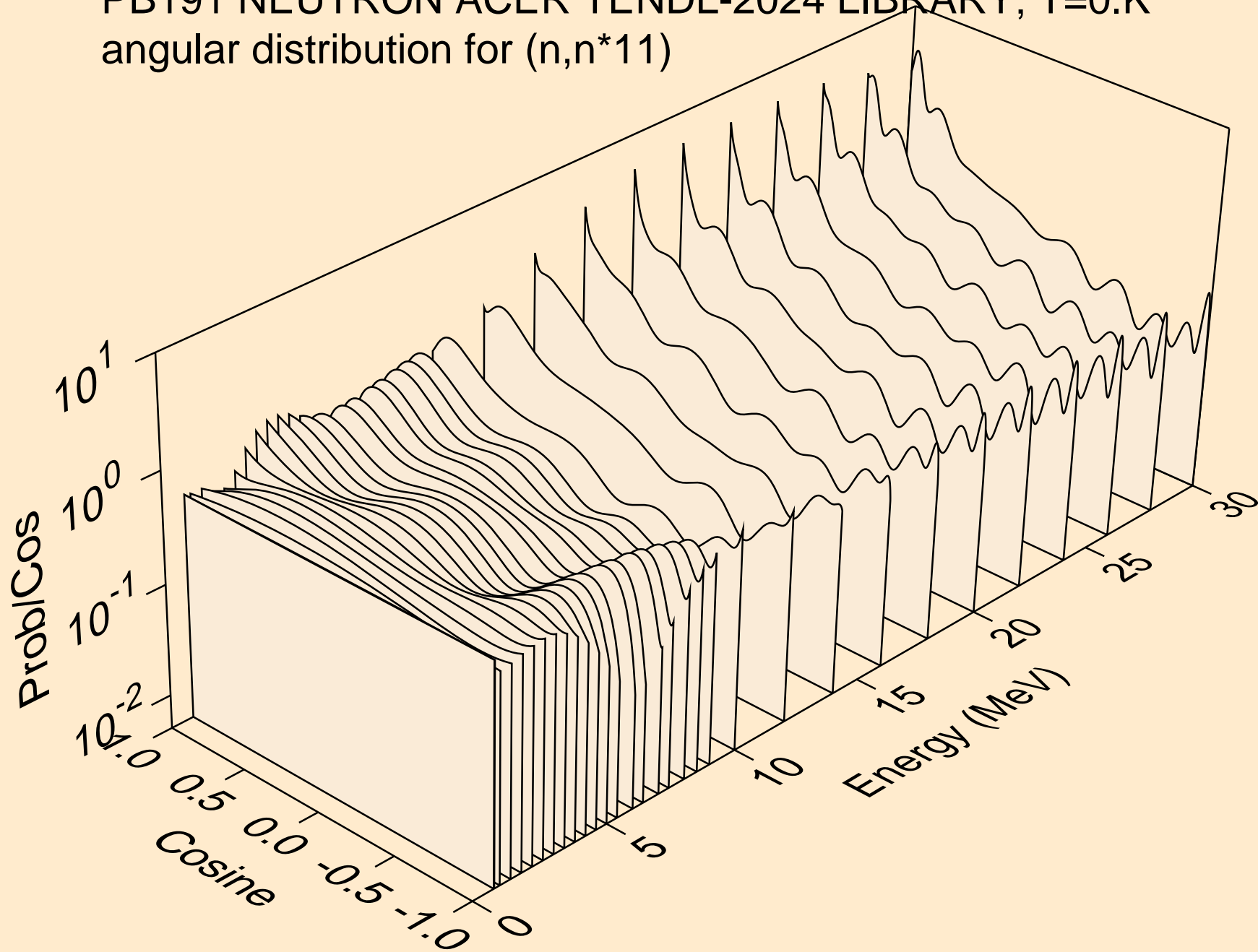
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angular distribution for (n,n*9)



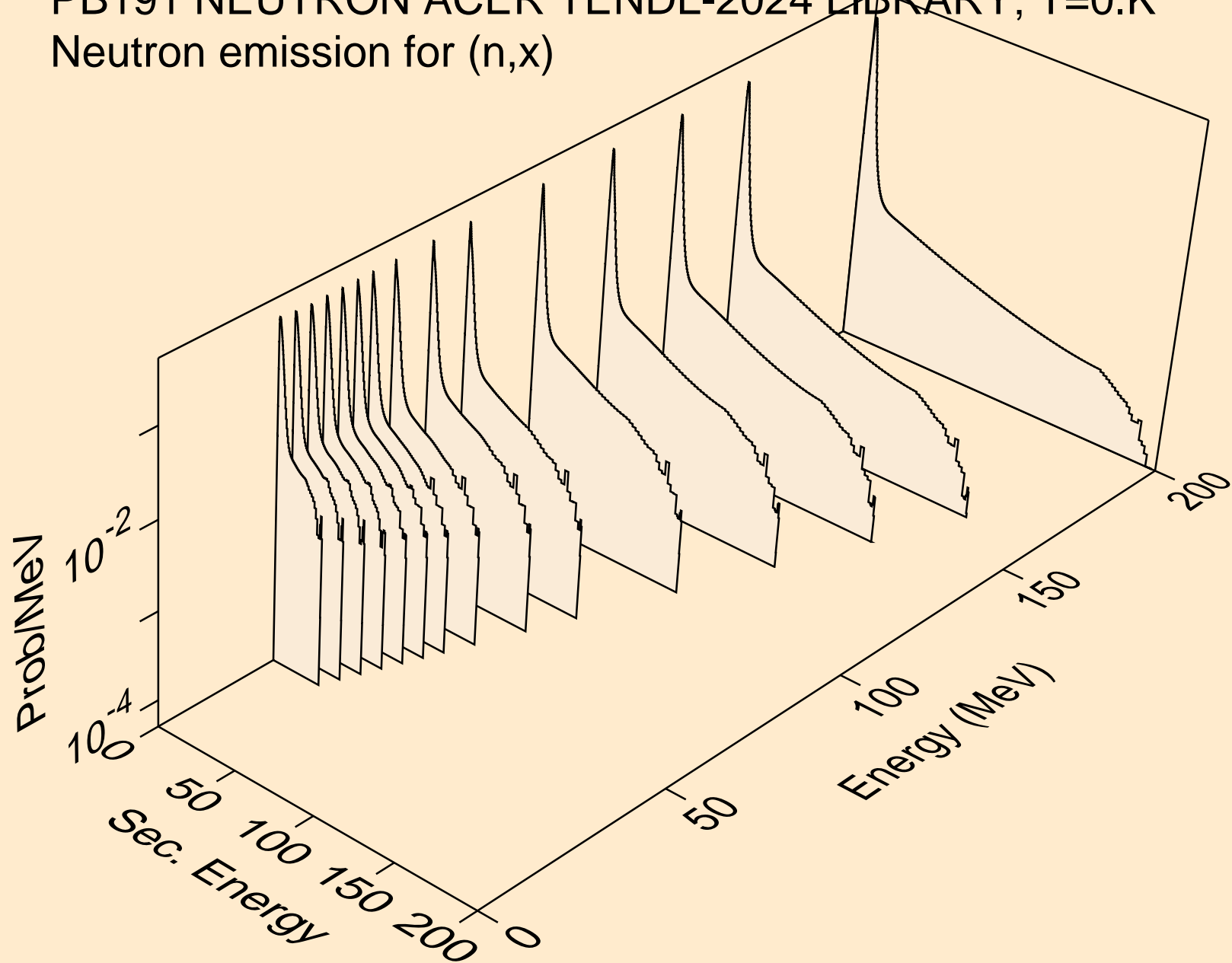
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angular distribution for (n,n*10)



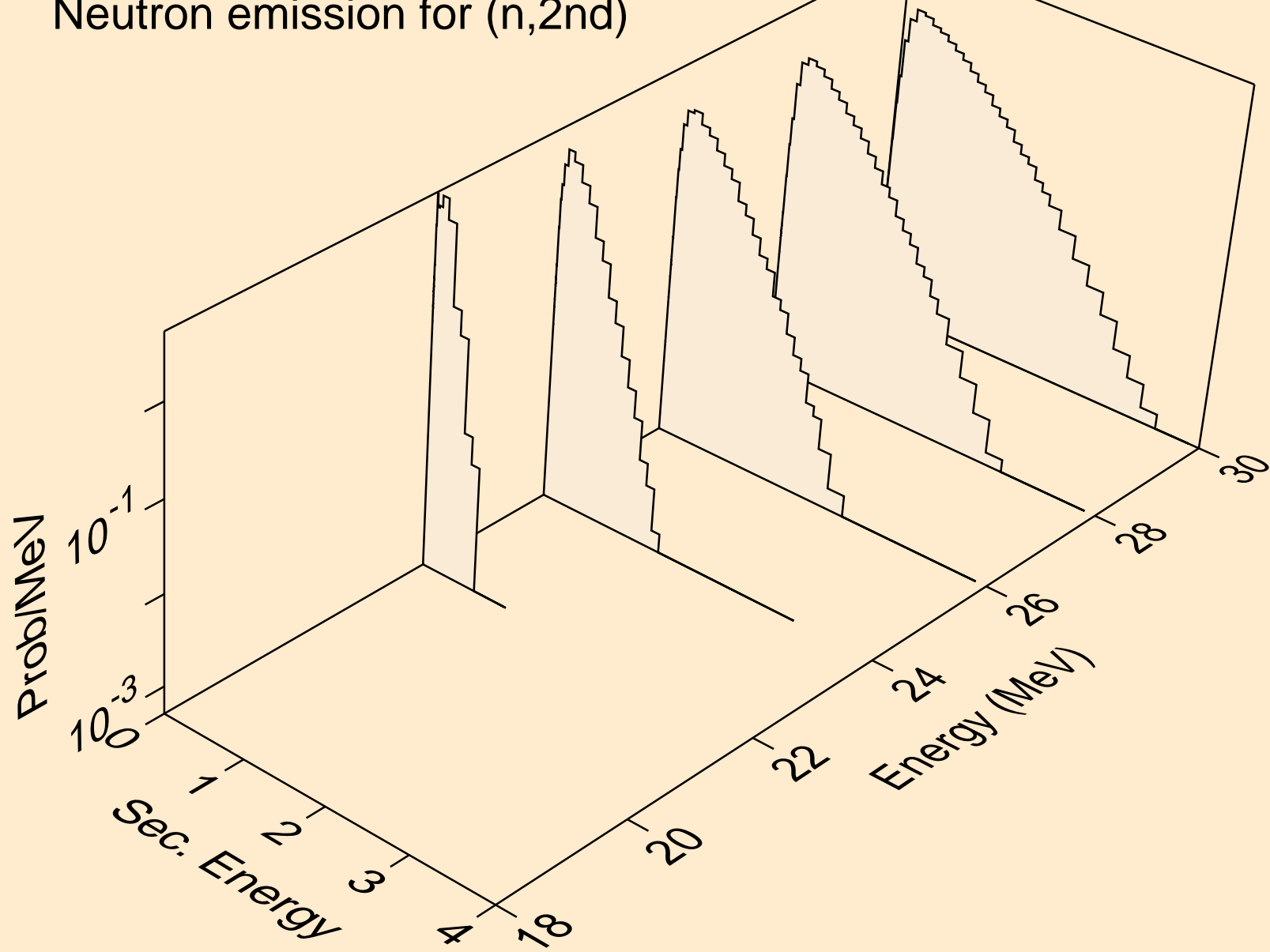
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angular distribution for (n,n*11)



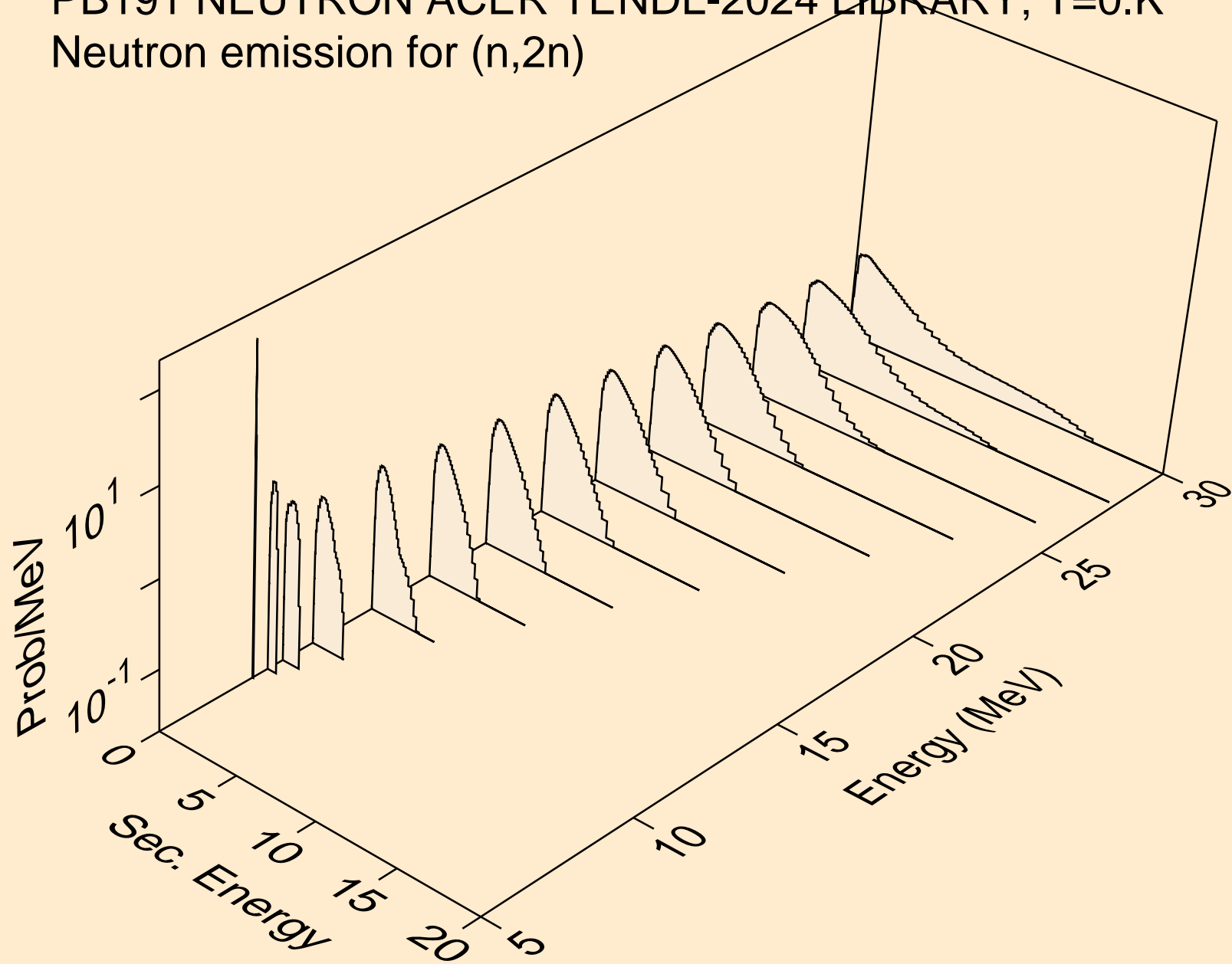
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



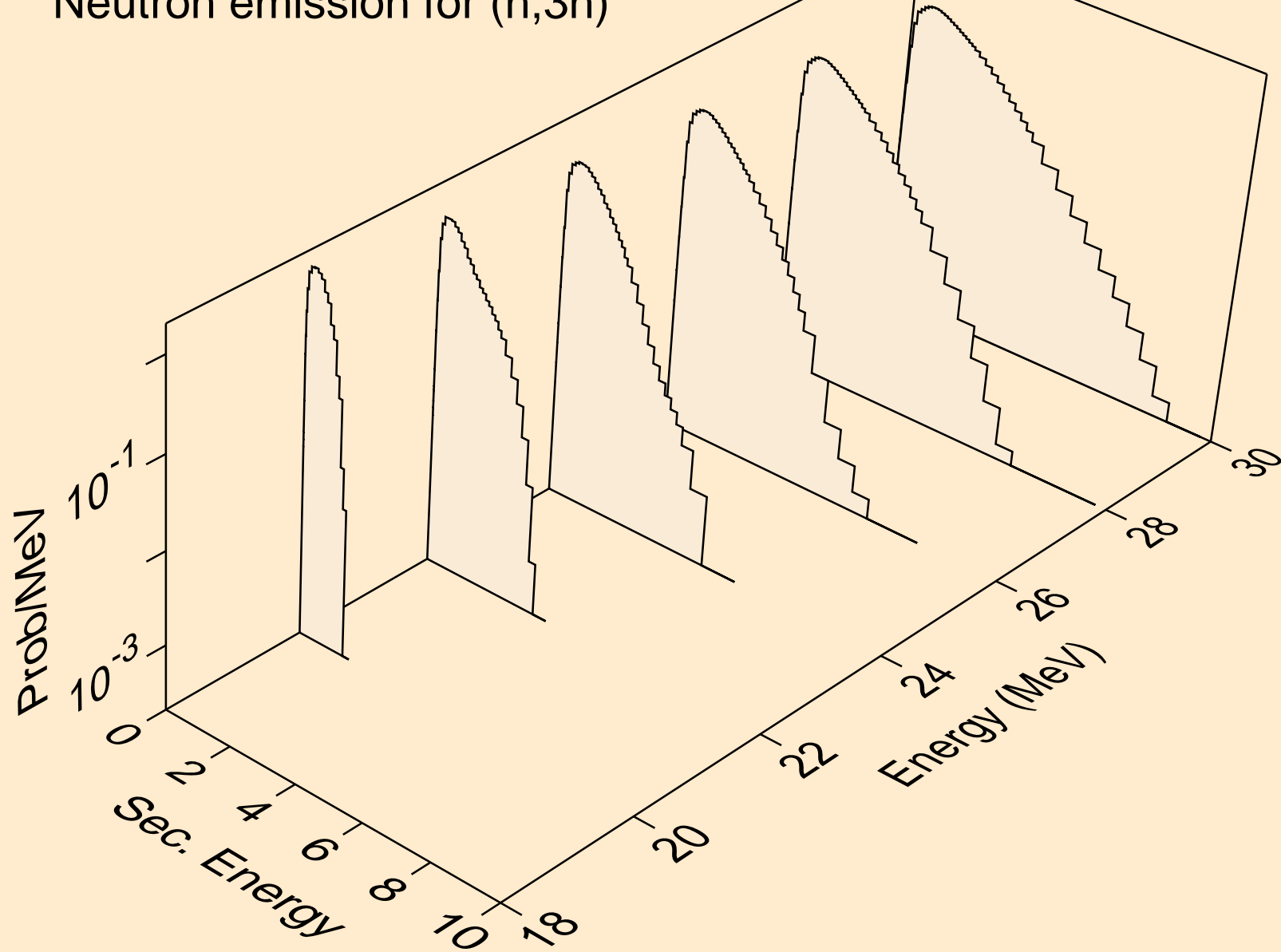
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Neutron emission for (n,2nd)



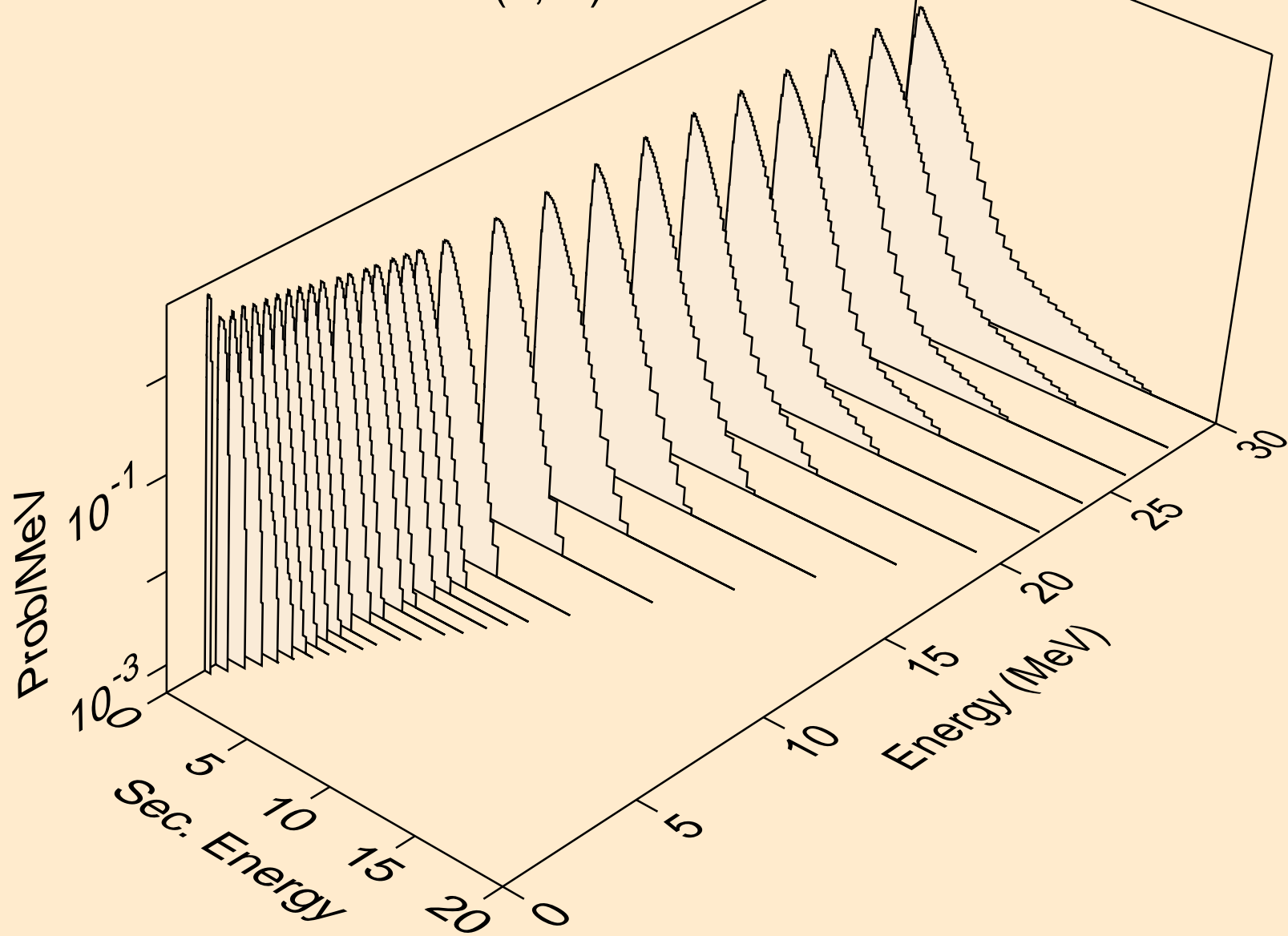
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Neutron emission for (n,2n)



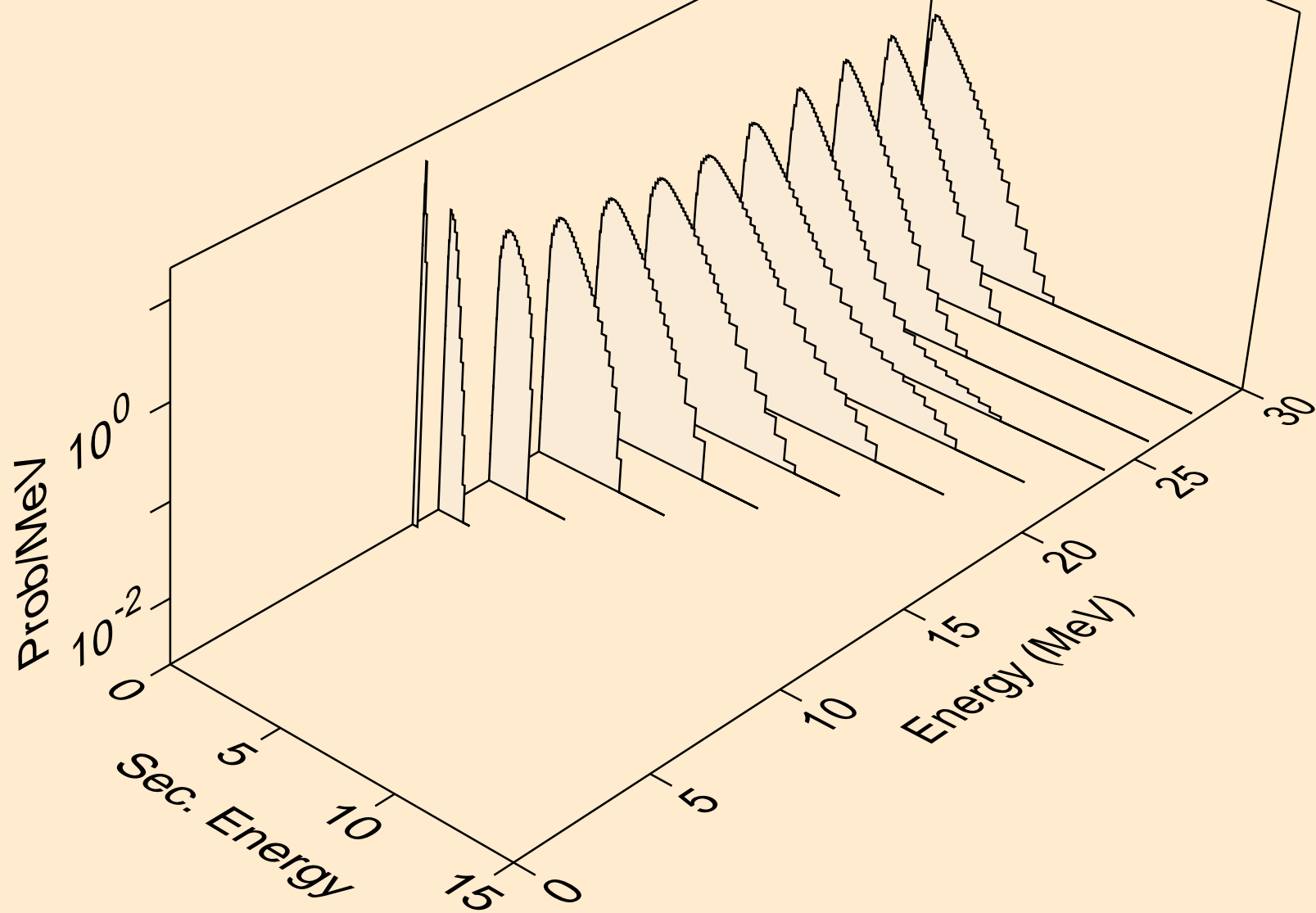
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Neutron emission for (n,3n)



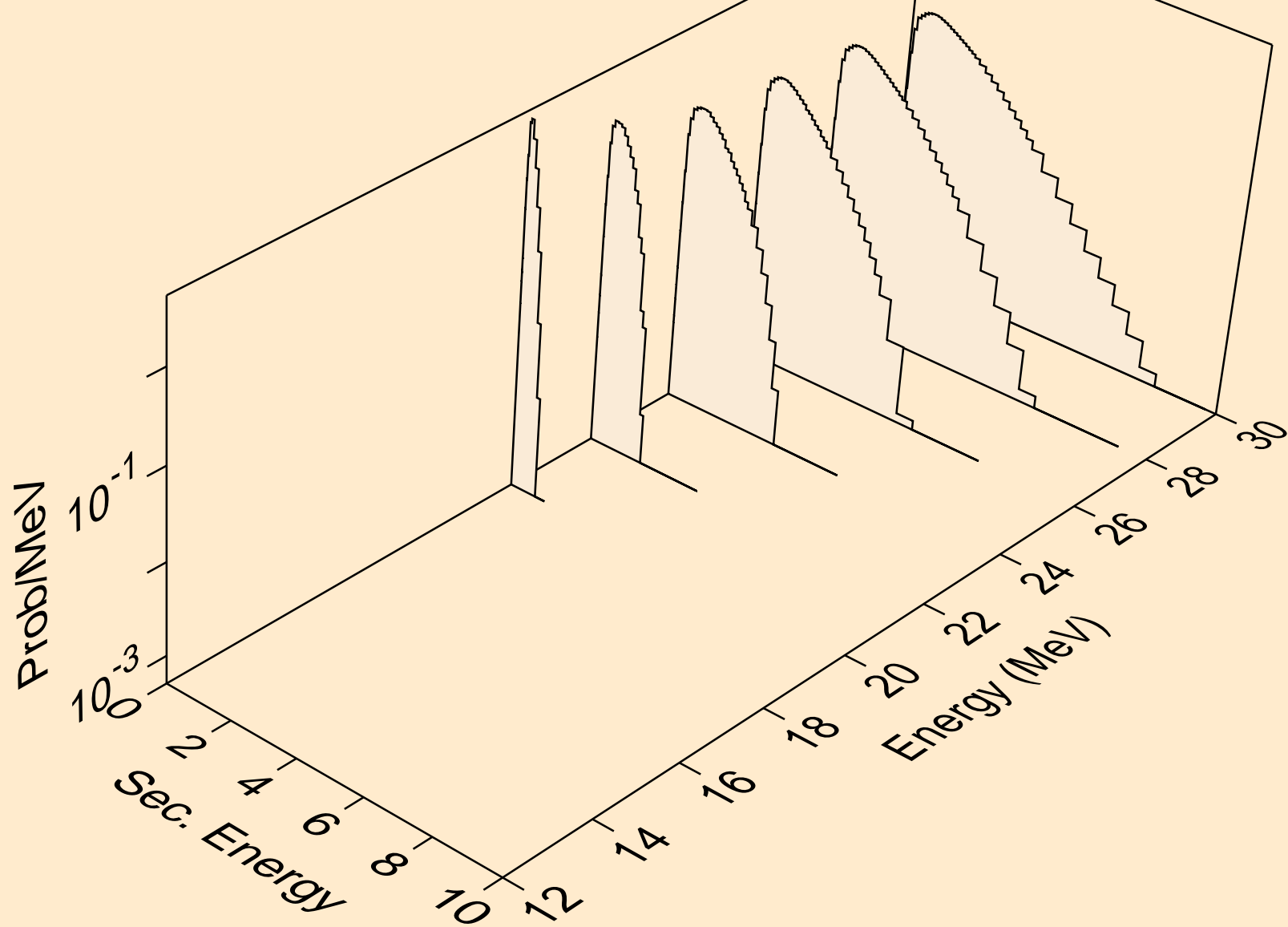
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



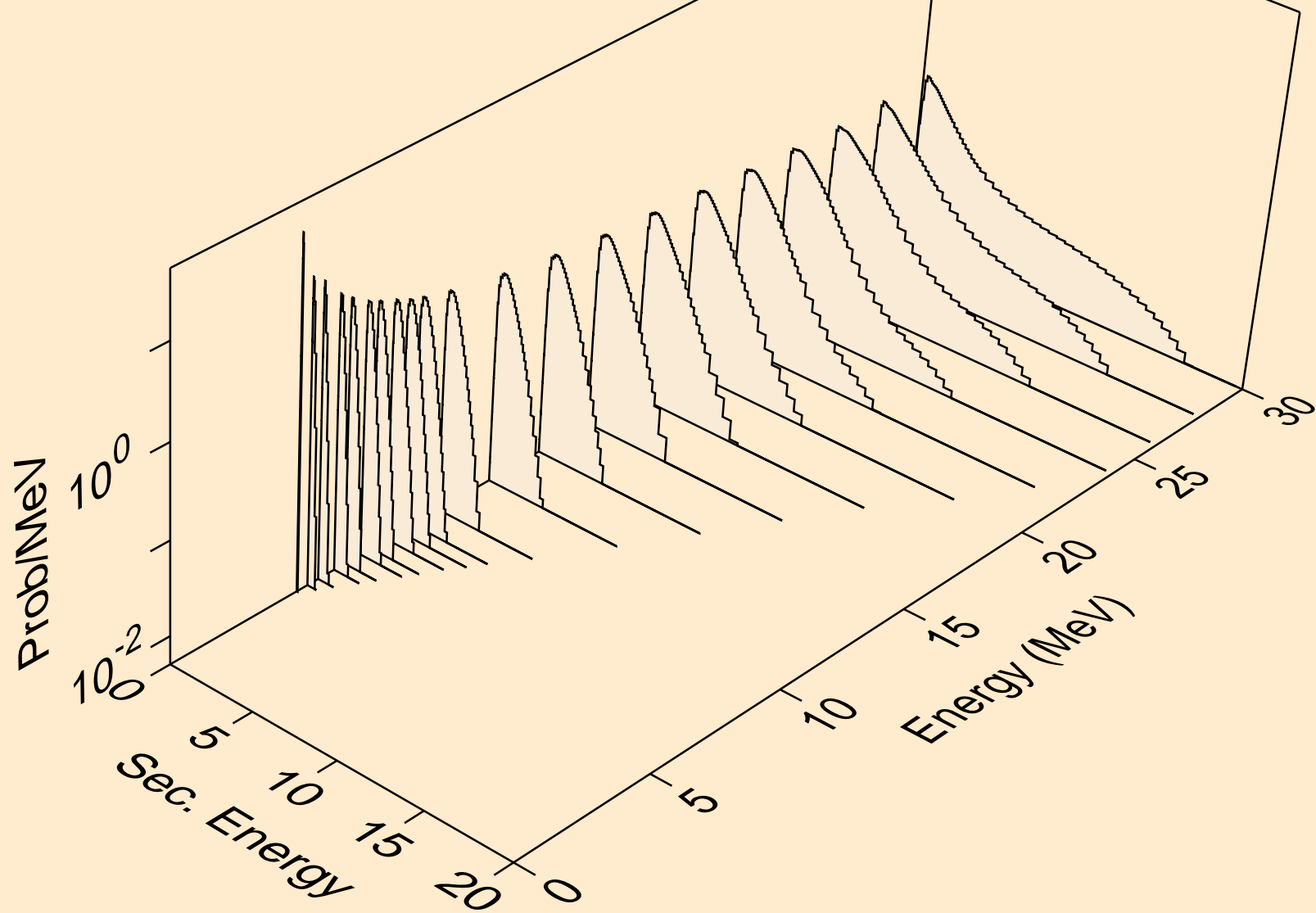
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Neutron emission for (n,2n)a



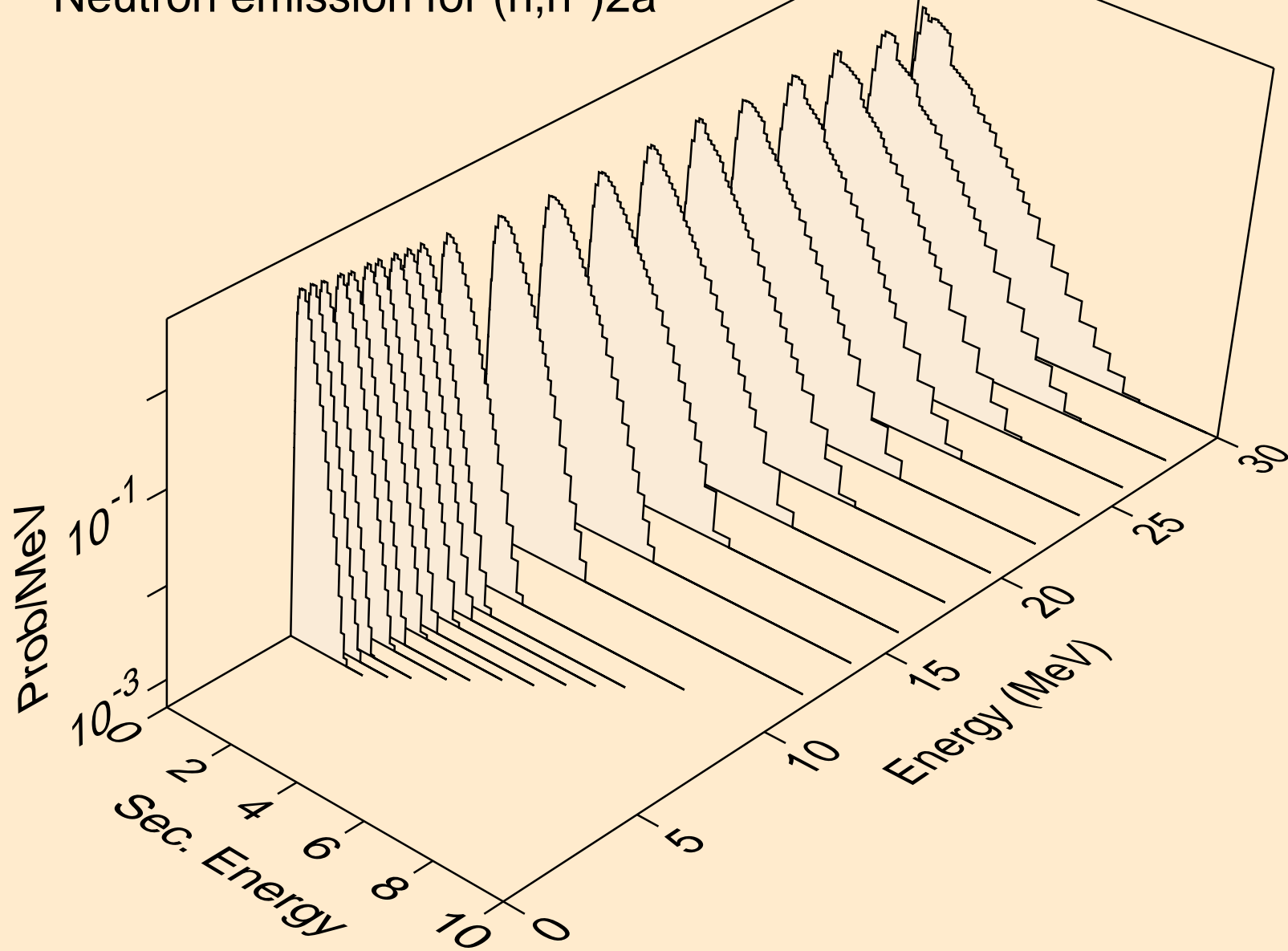
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



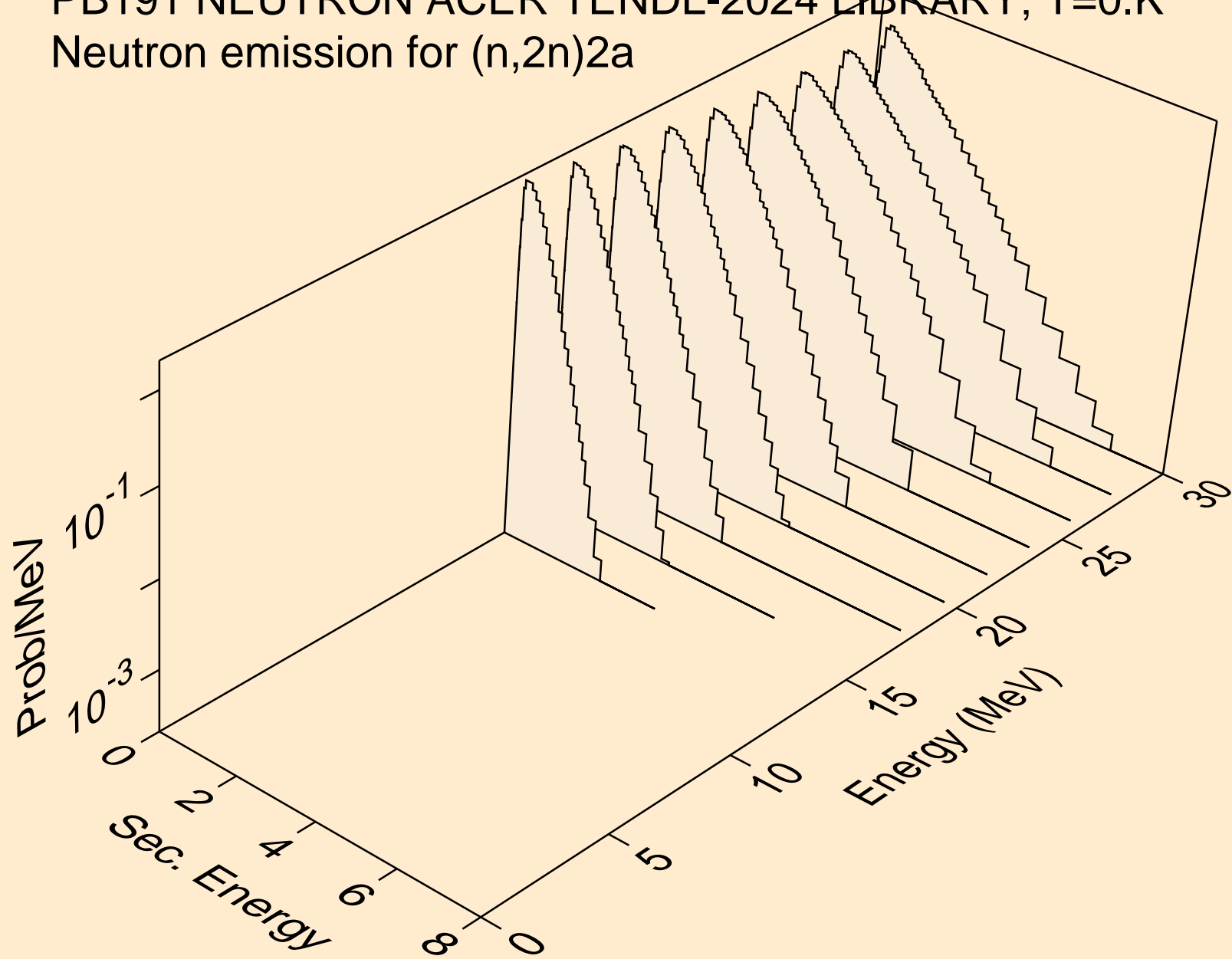
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



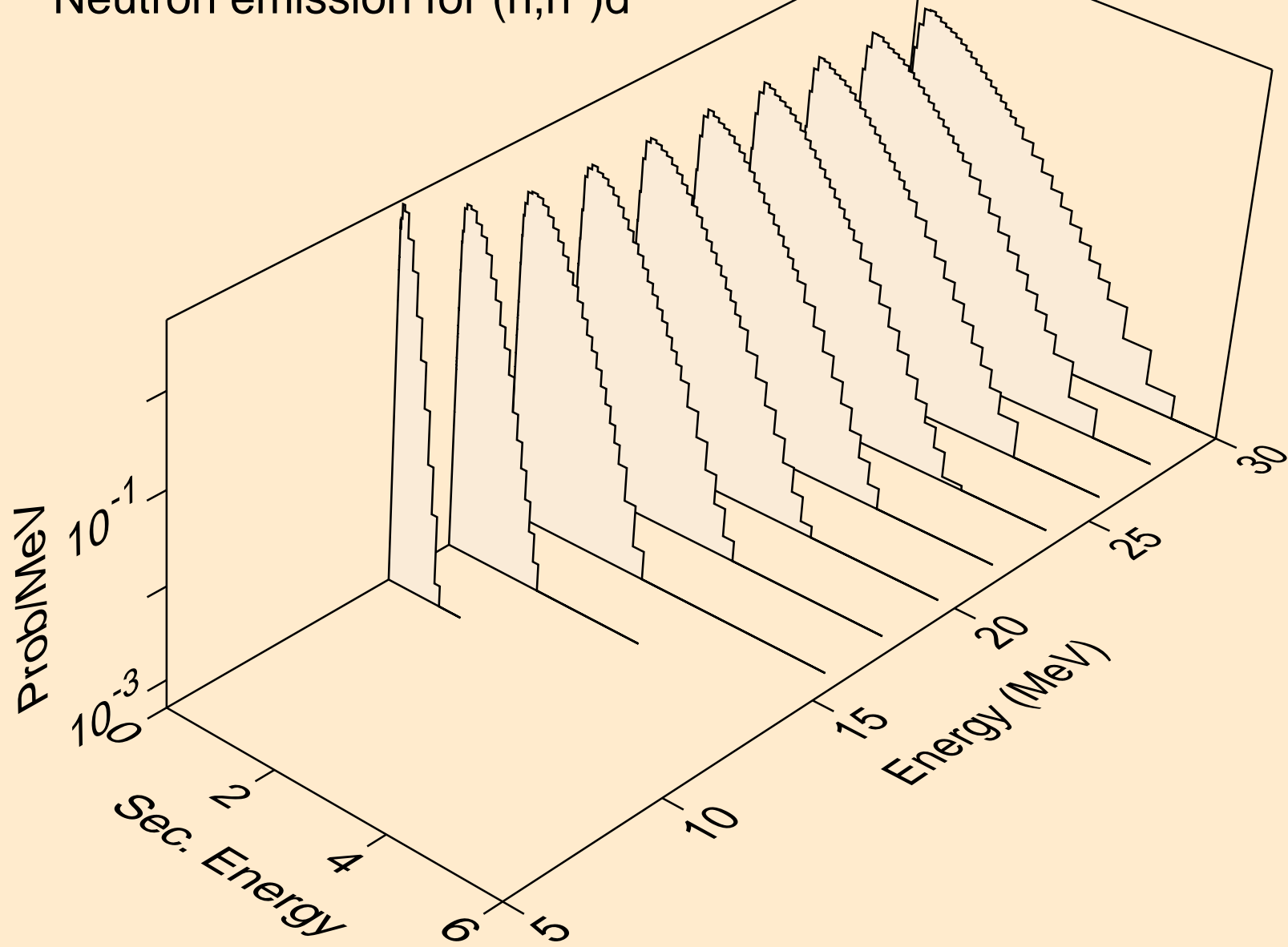
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Neutron emission for (n,n*)2a



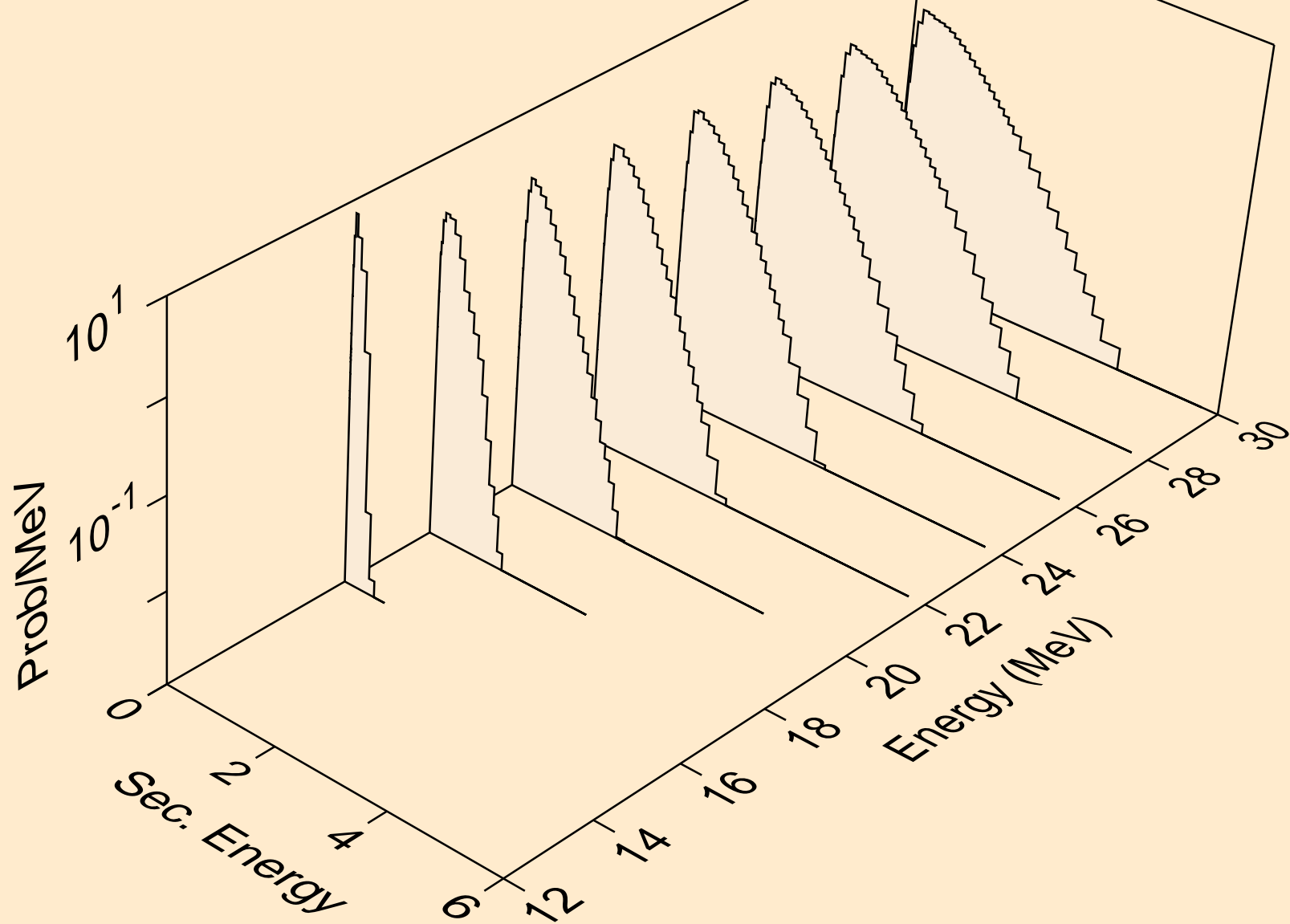
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Neutron emission for (n,2n)2a



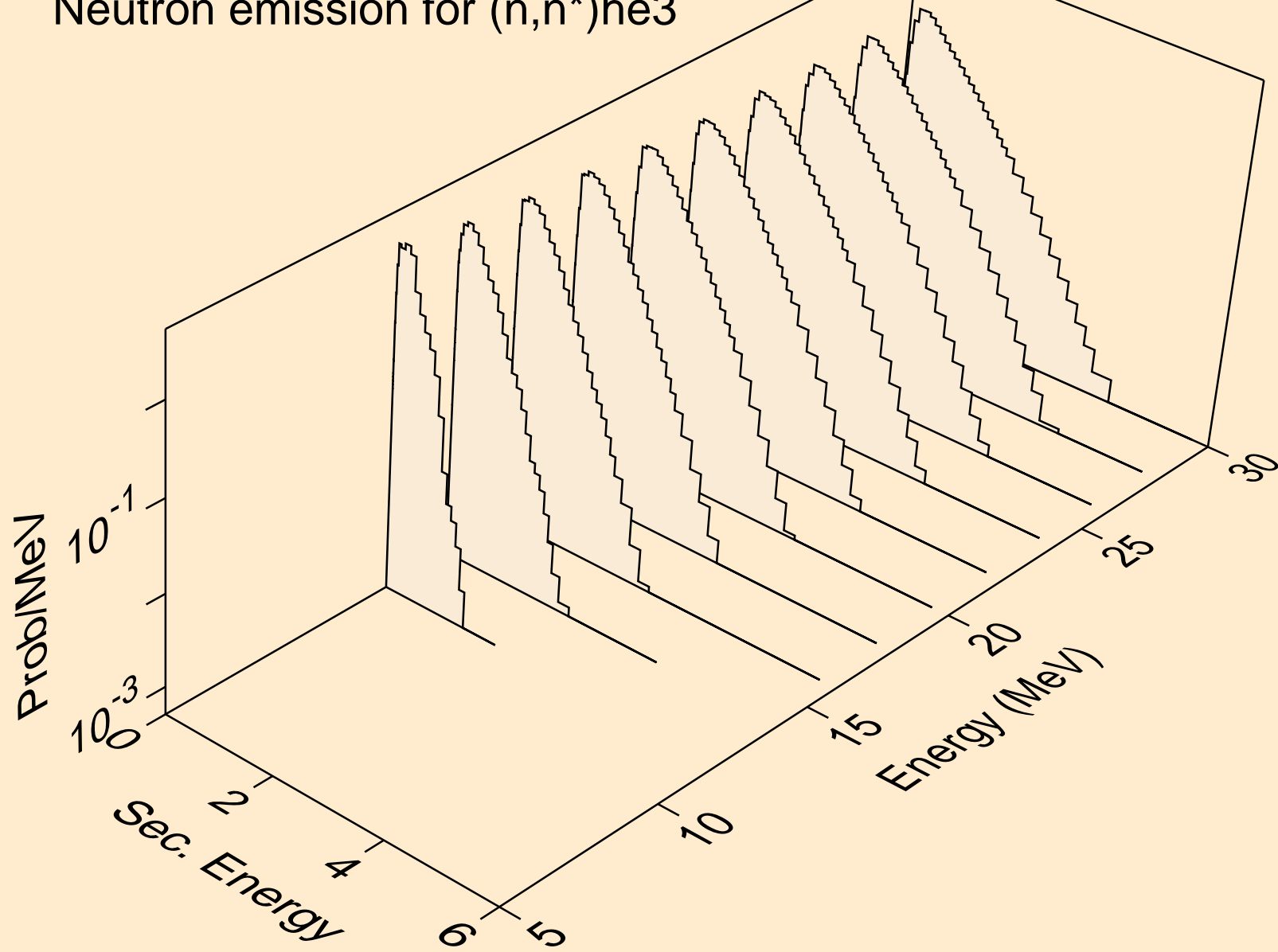
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



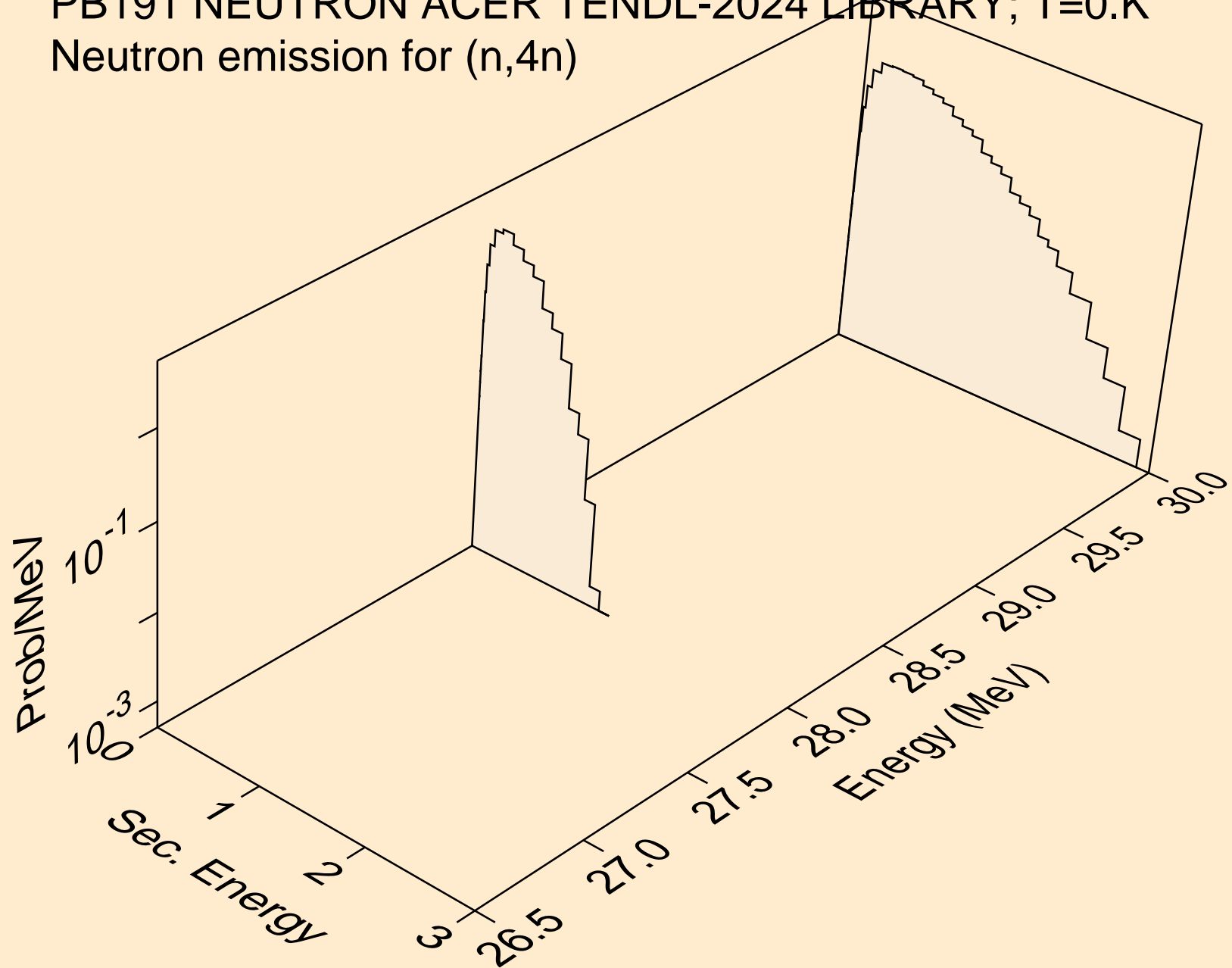
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



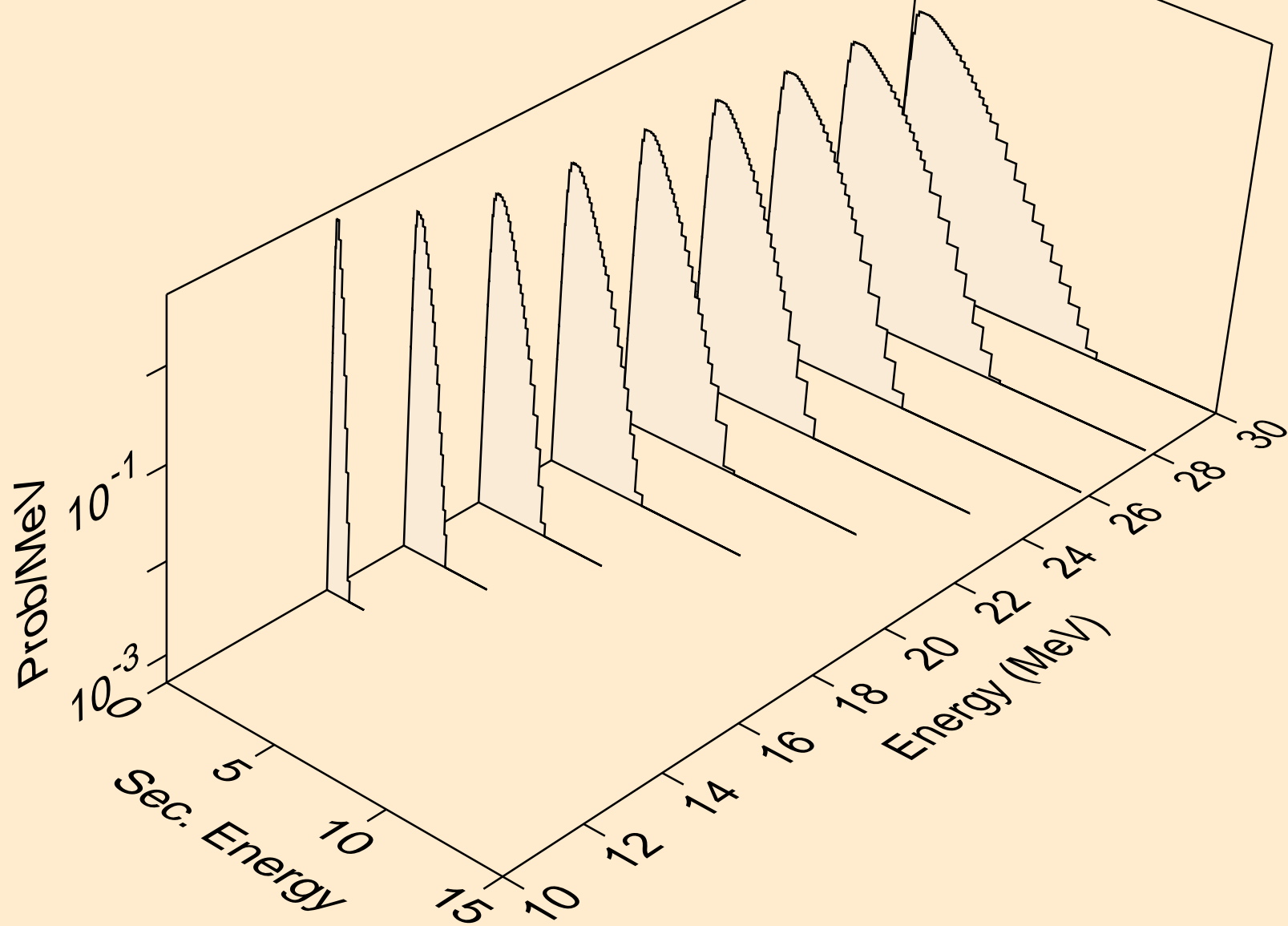
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



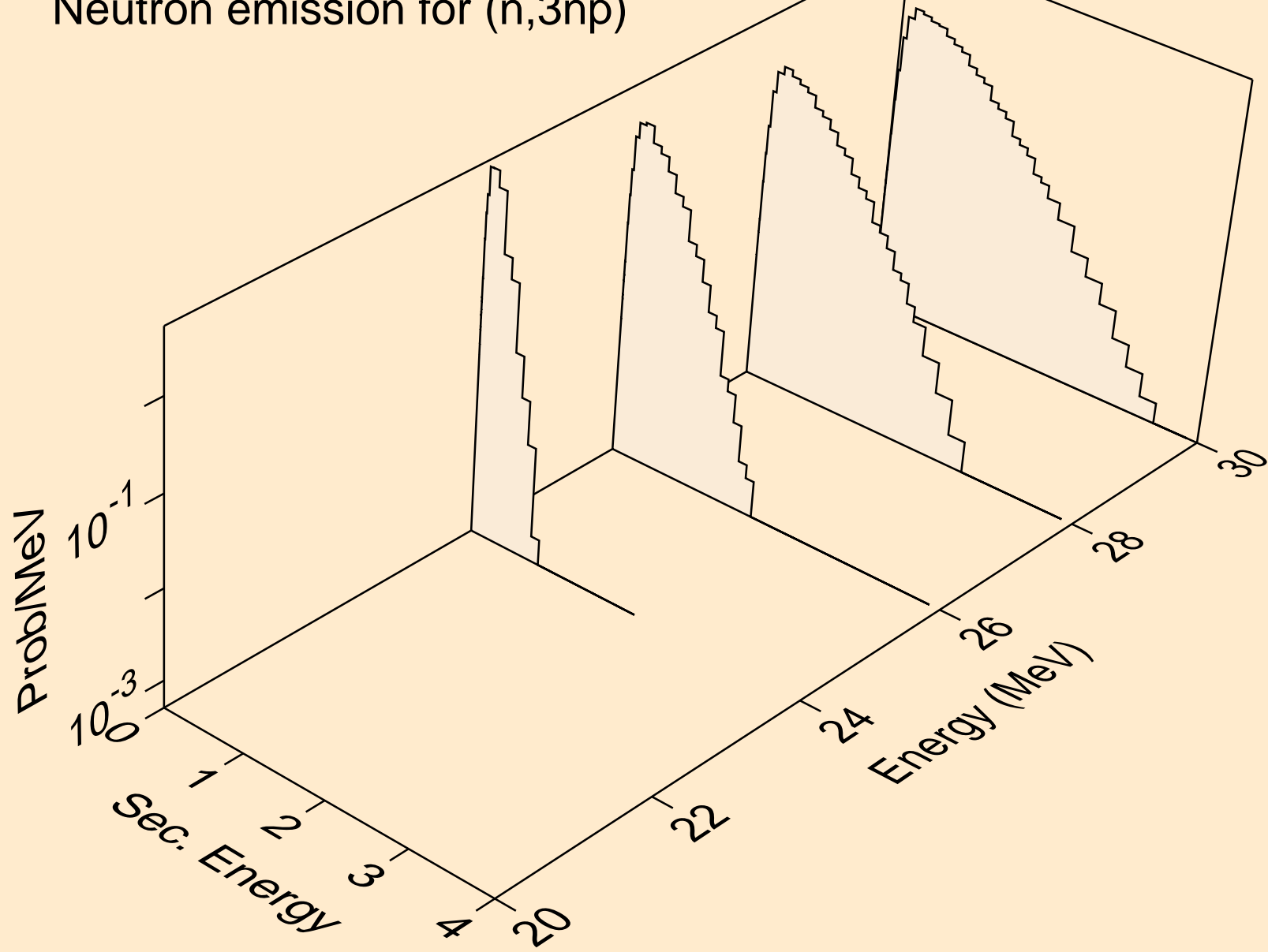
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



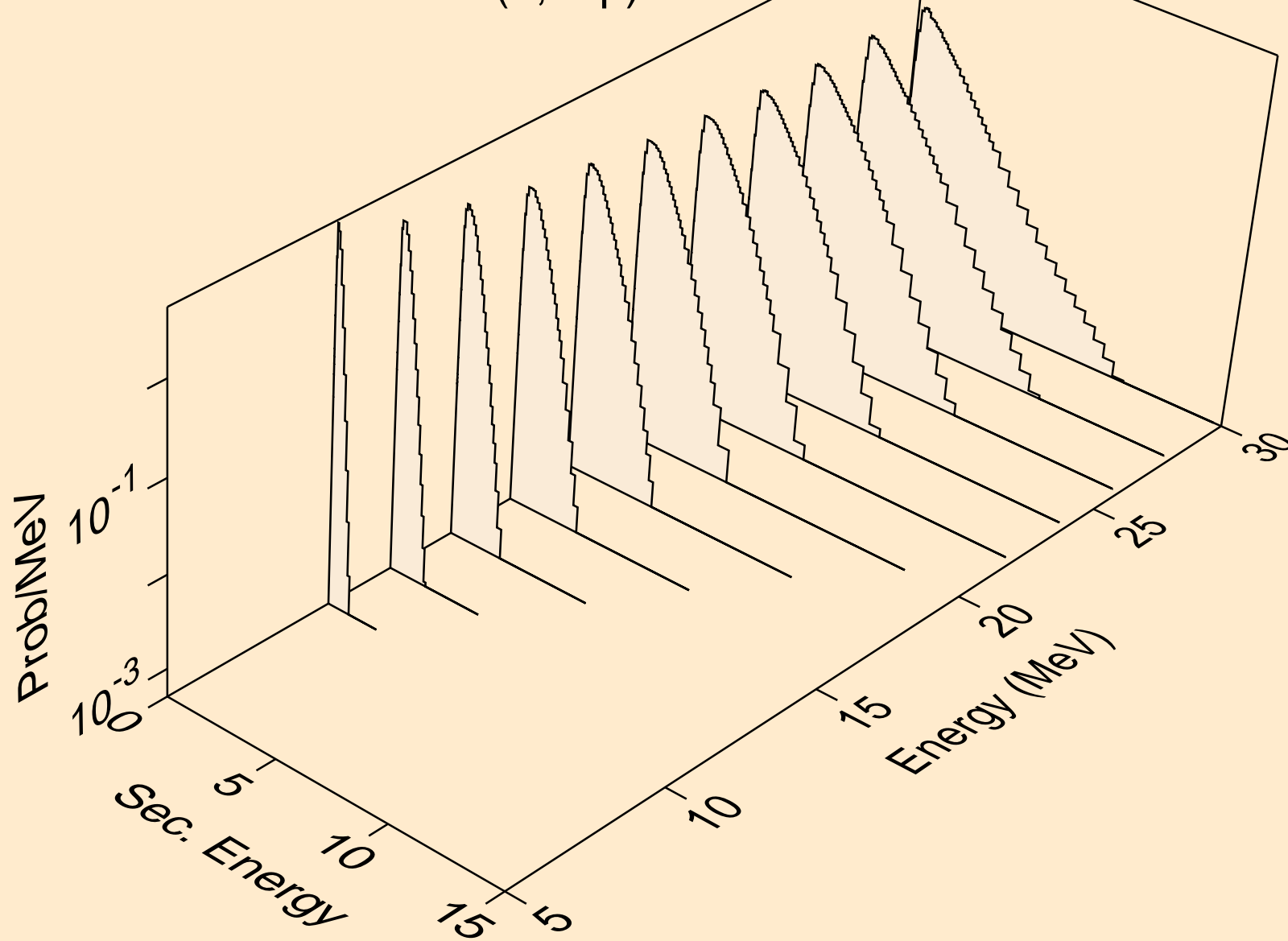
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Neutron emission for (n,2np)



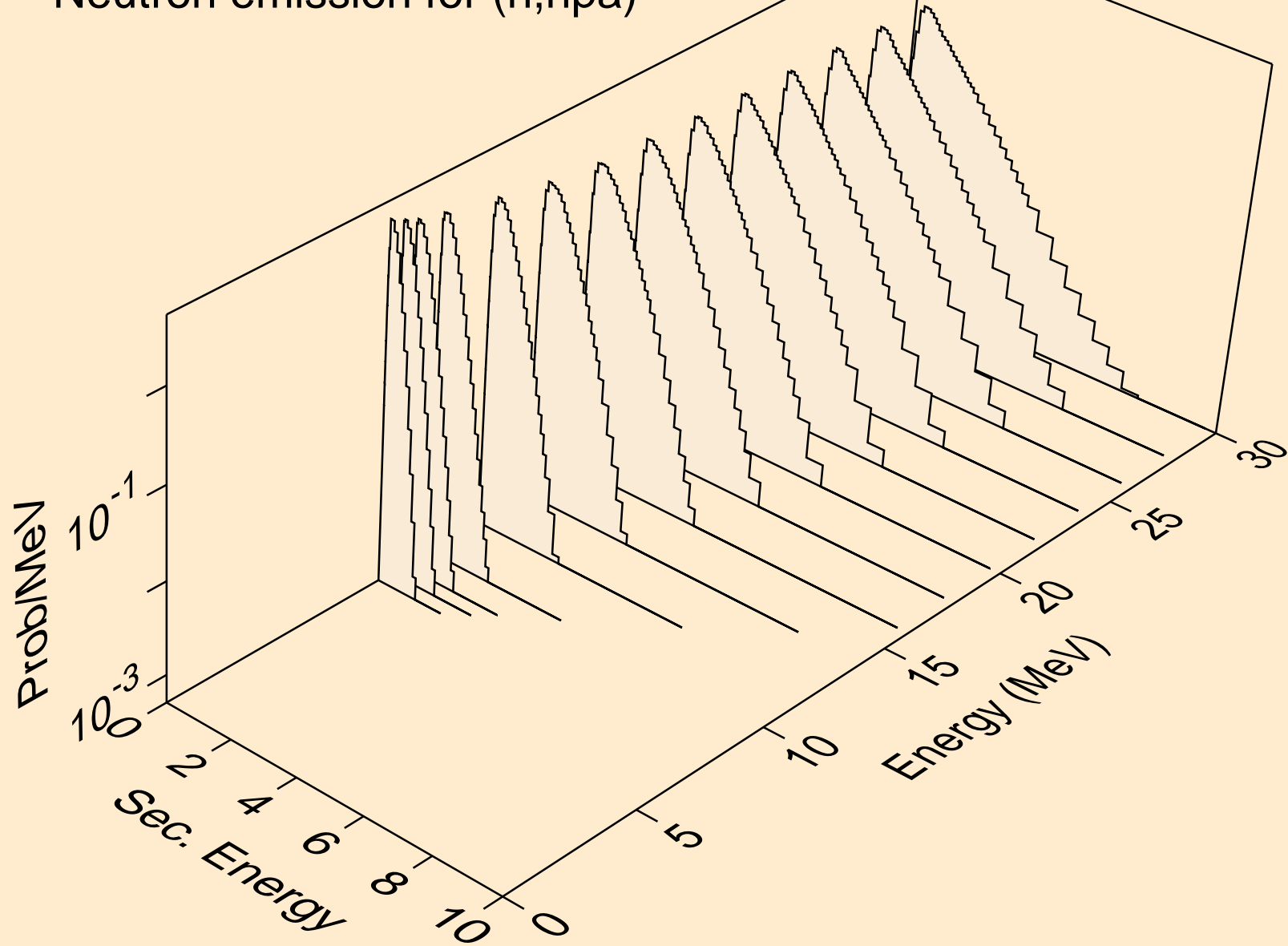
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Neutron emission for (n,3np)



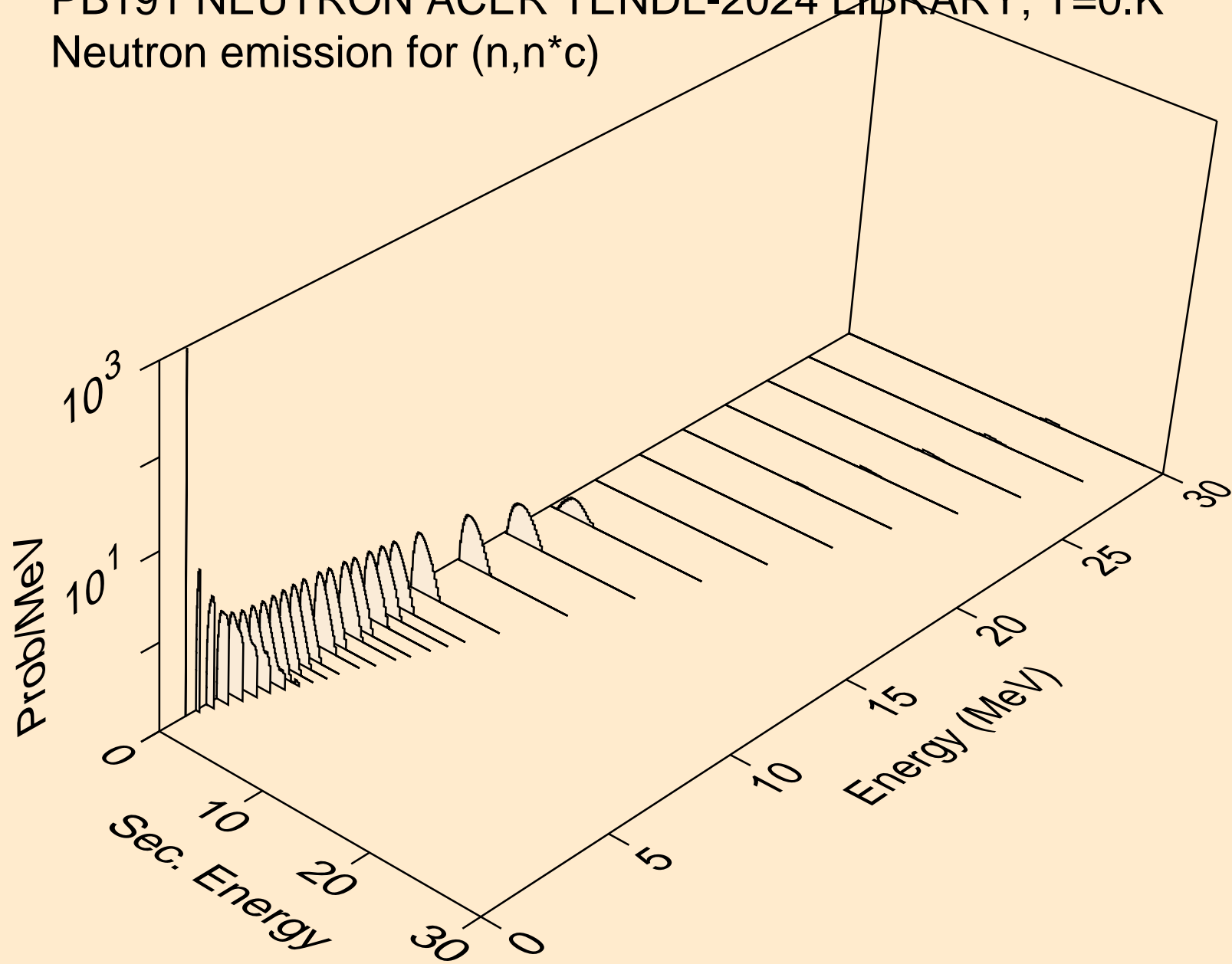
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Neutron emission for (n,n2p)



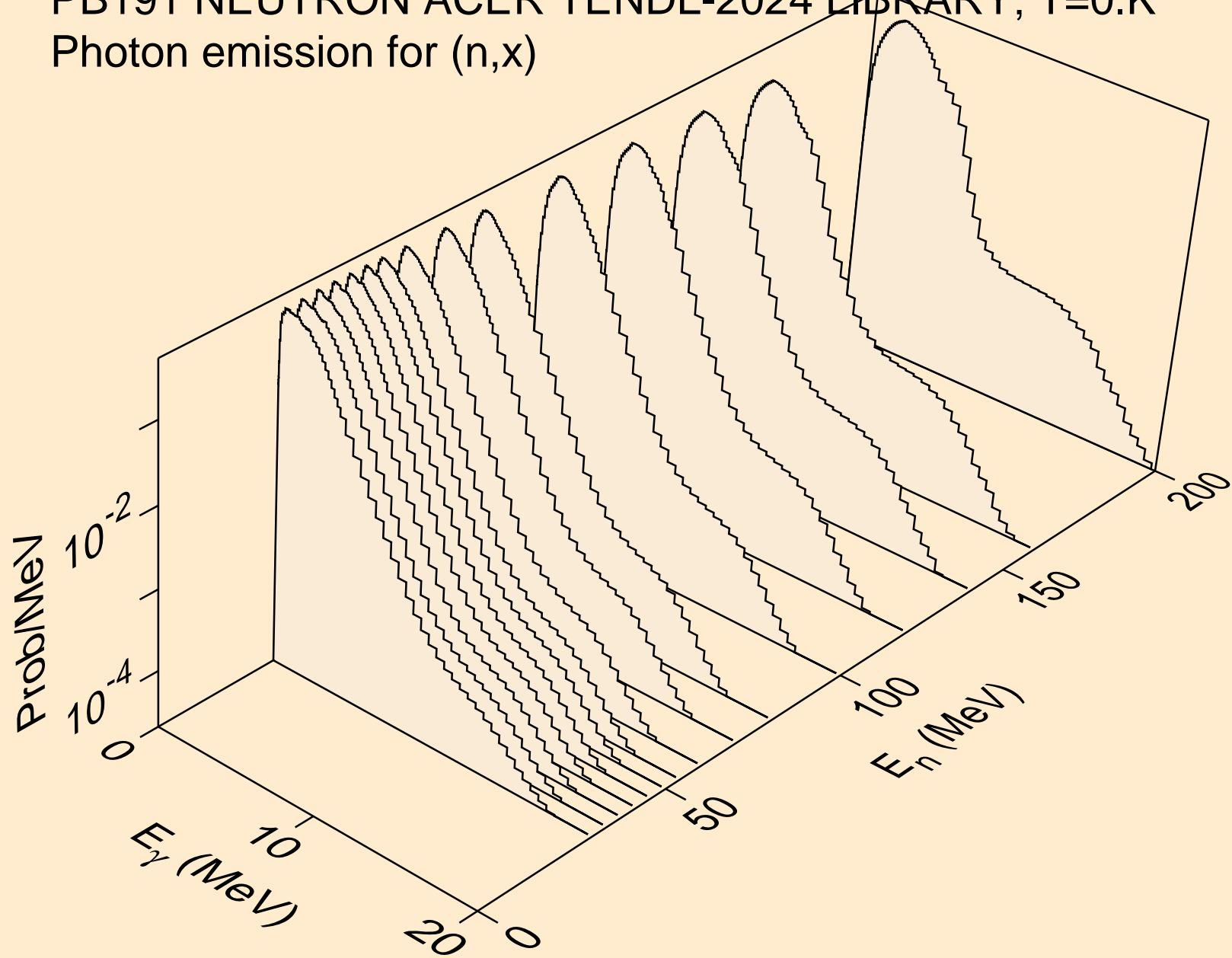
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



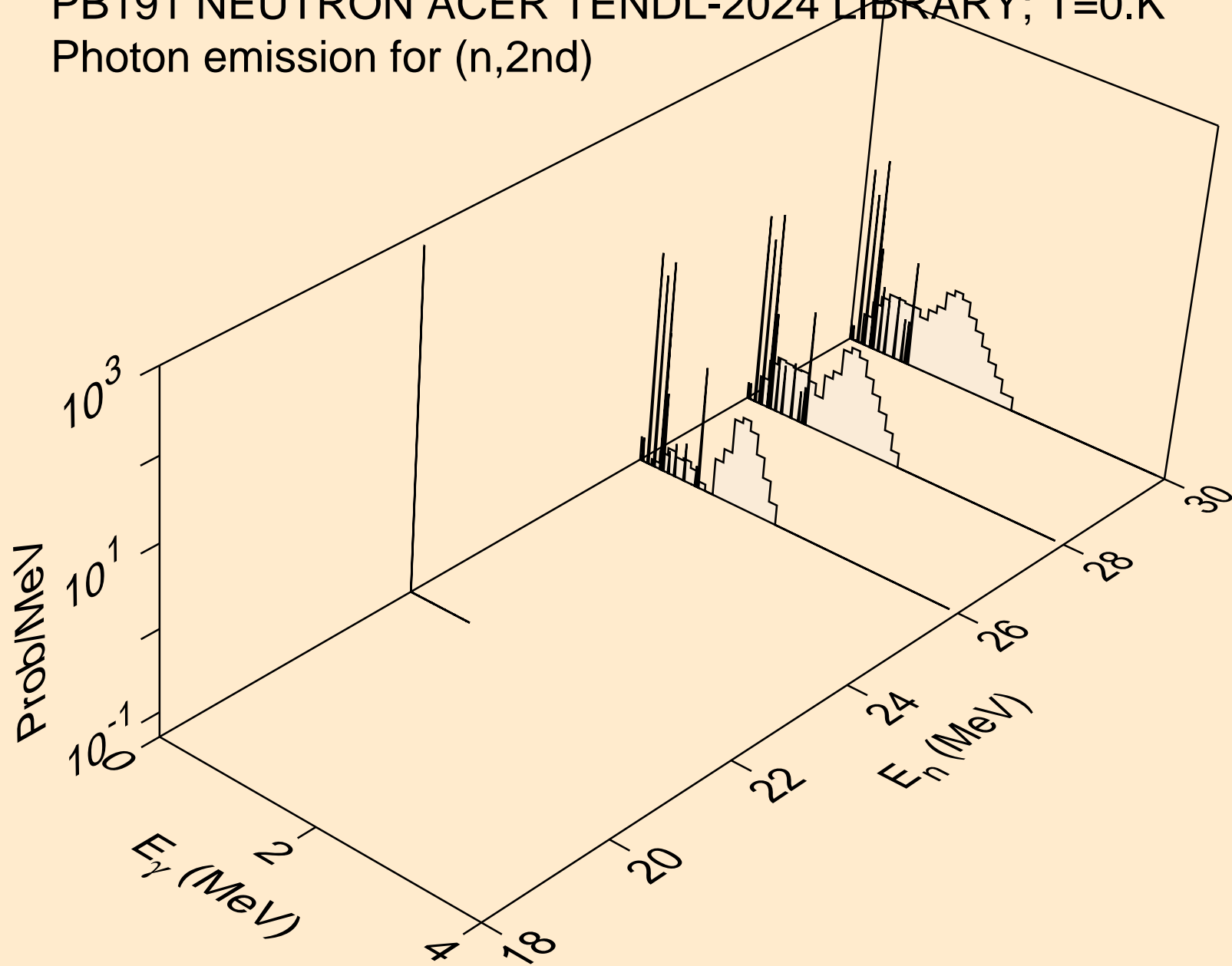
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Neutron emission for (n,n*c)



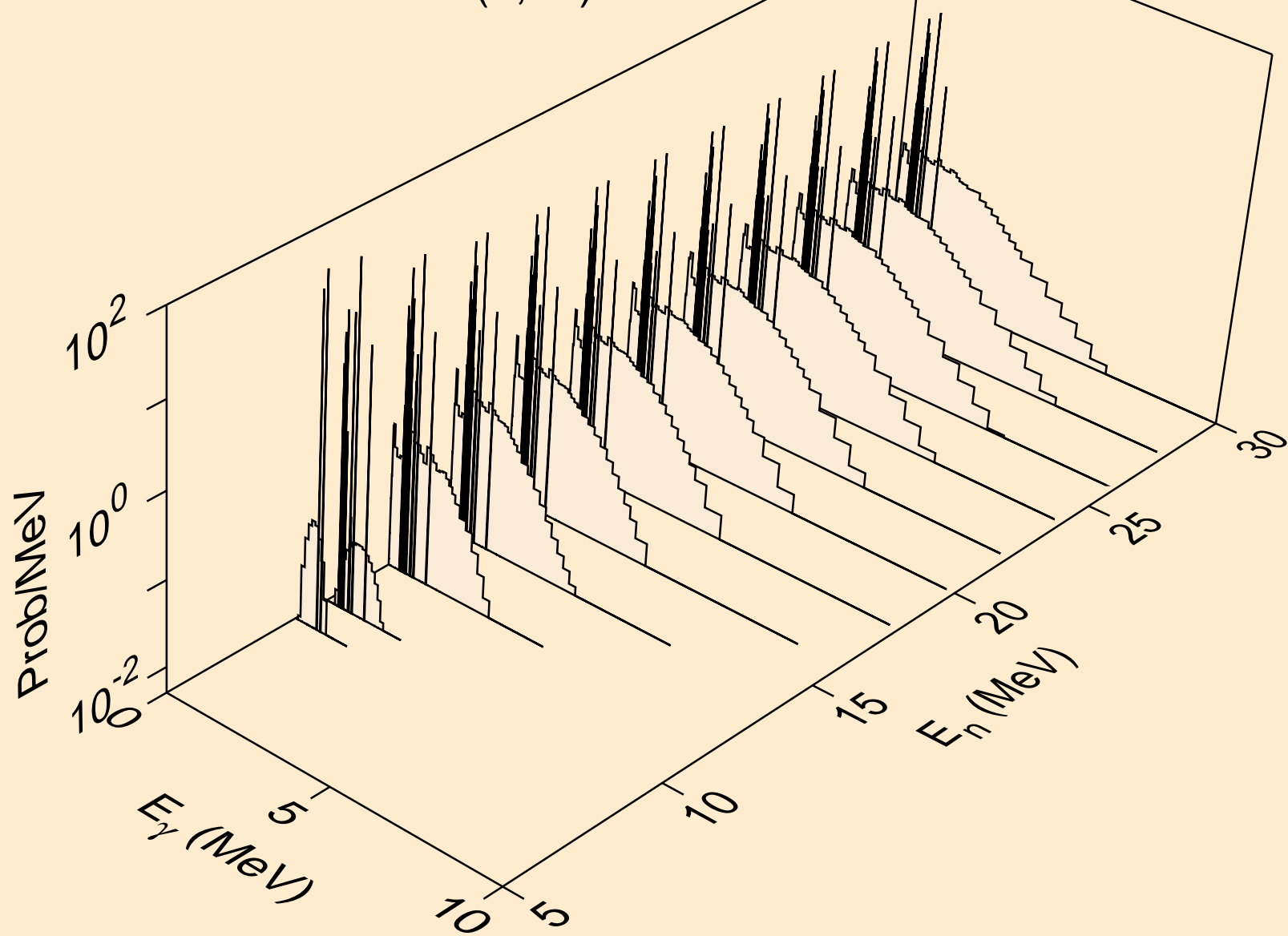
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



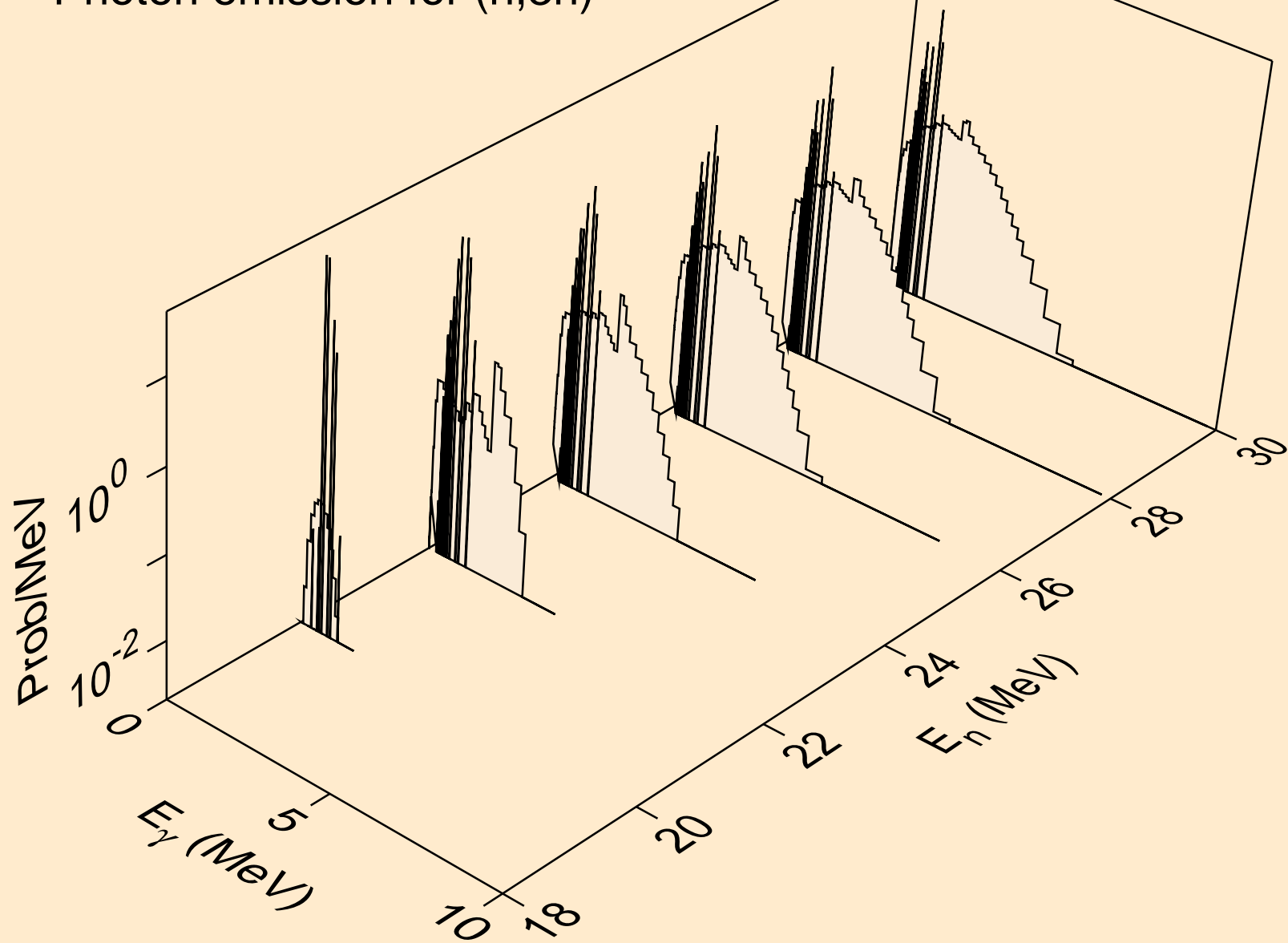
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



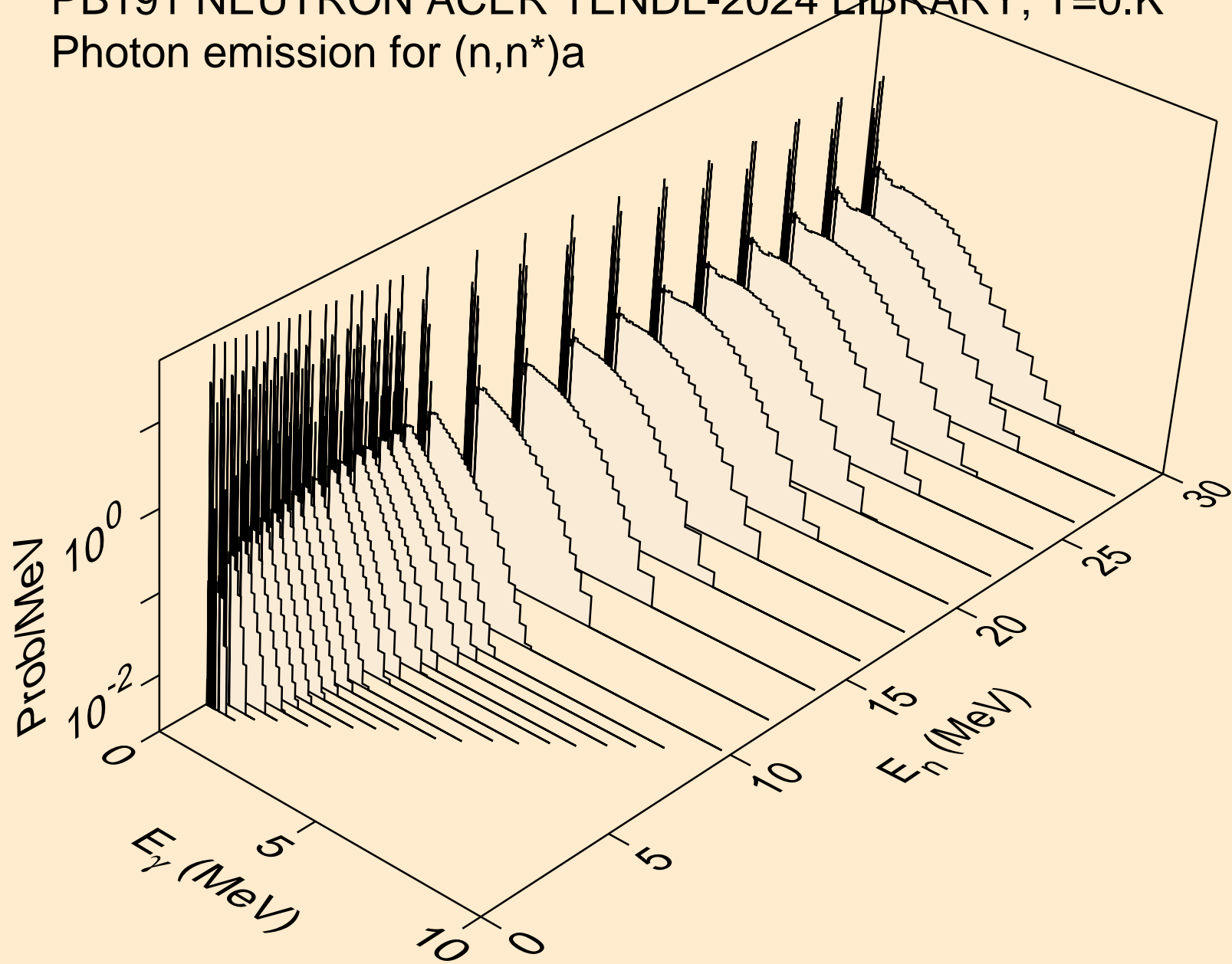
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



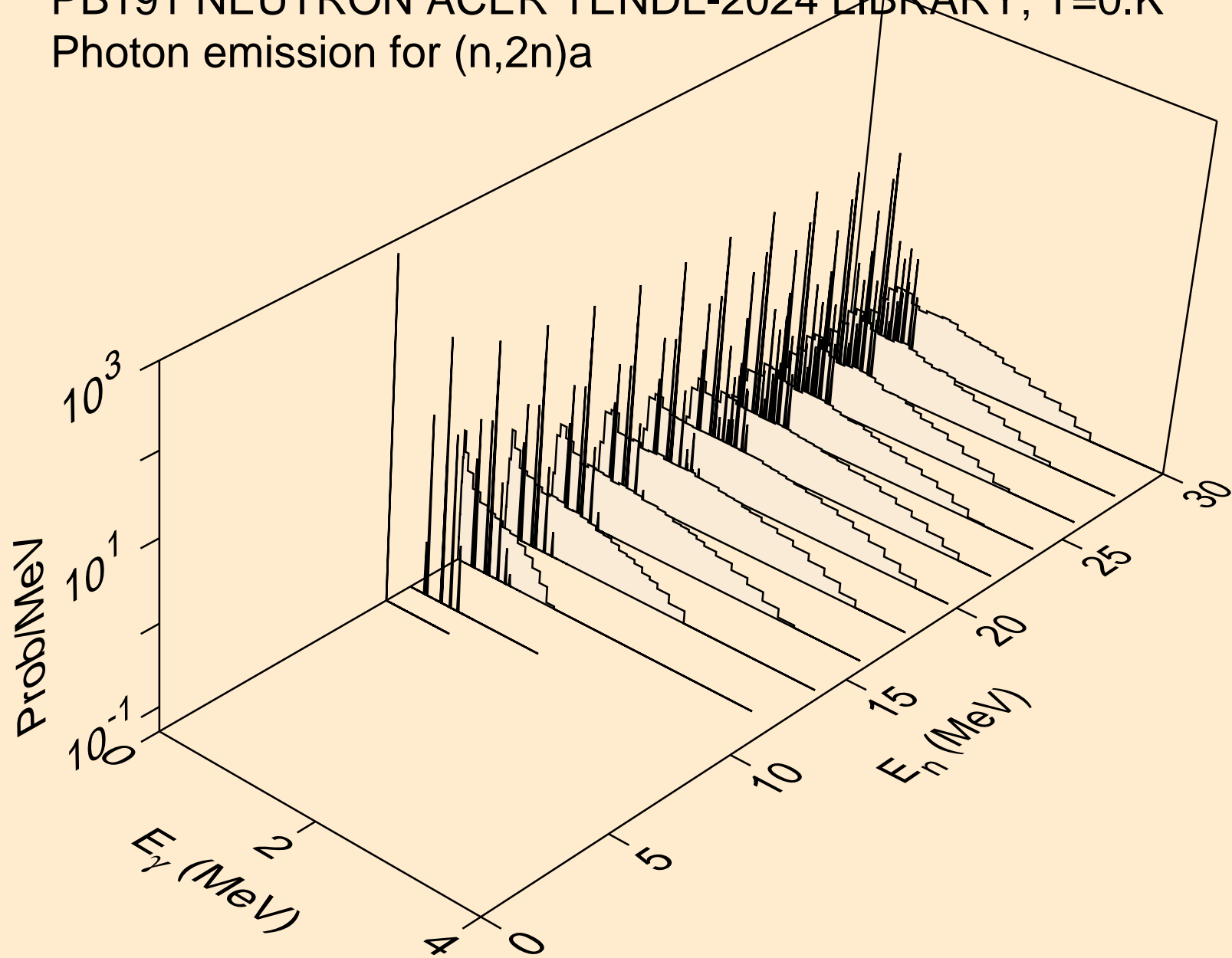
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Photon emission for (n,3n)



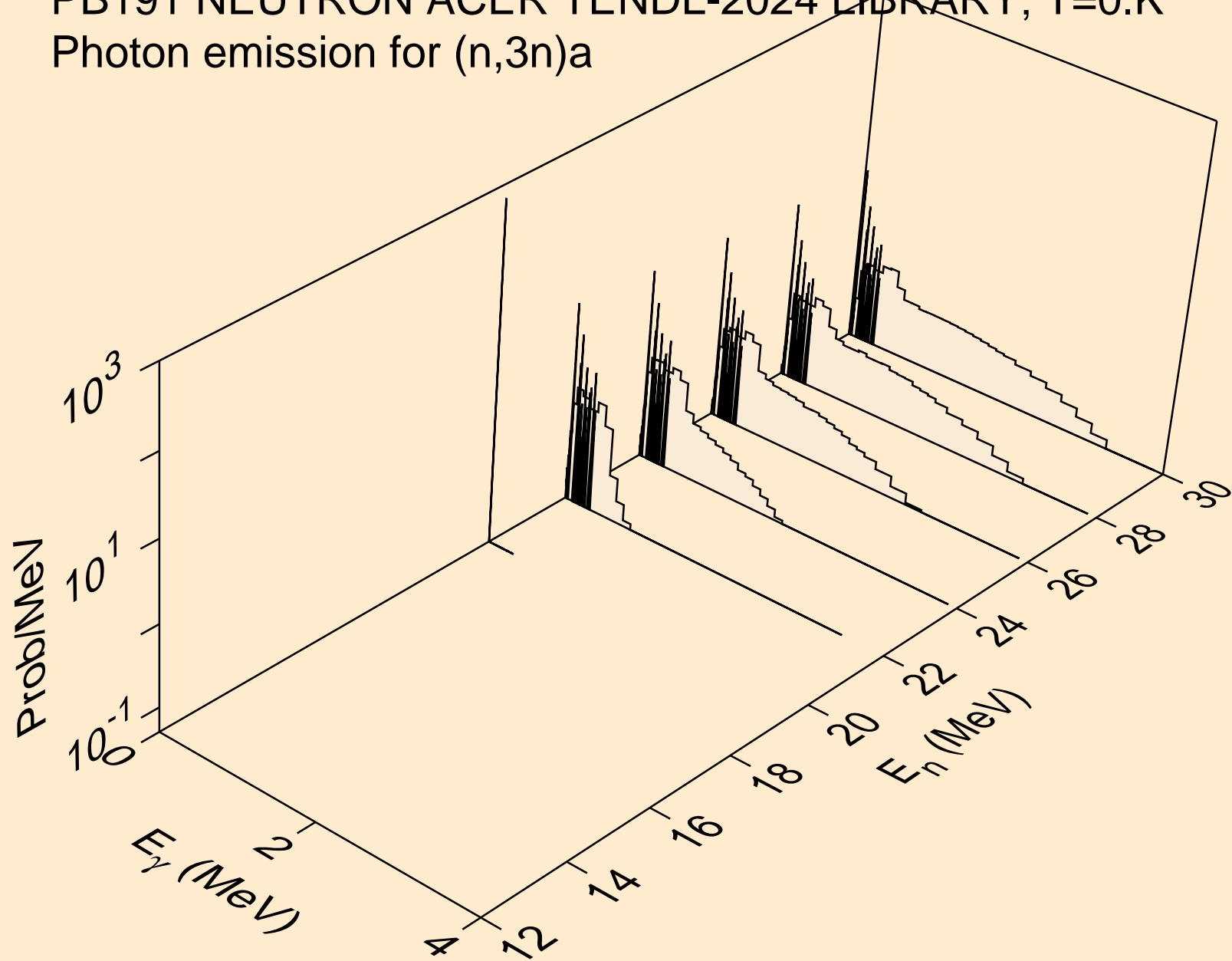
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Photon emission for (n,n*)a



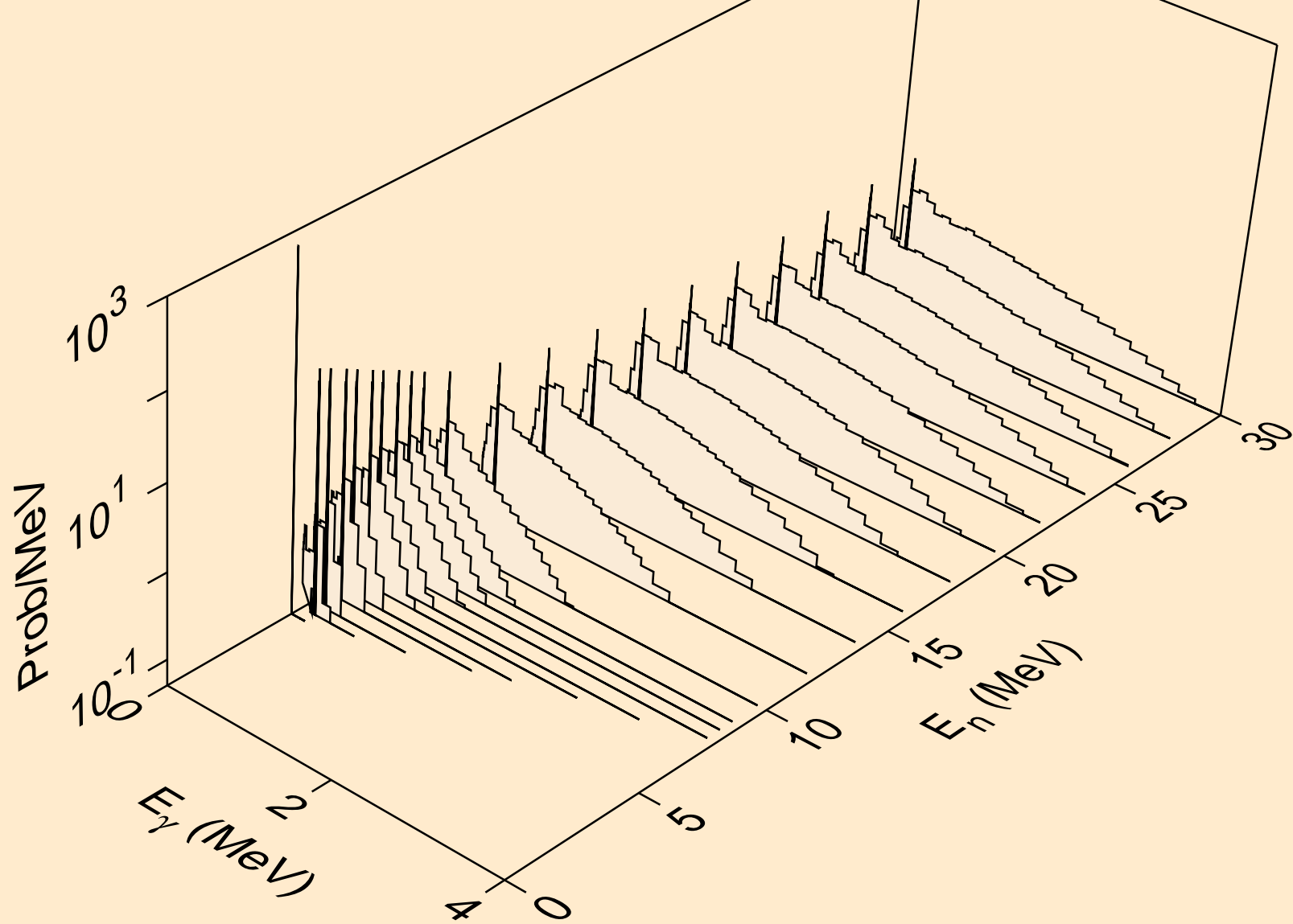
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



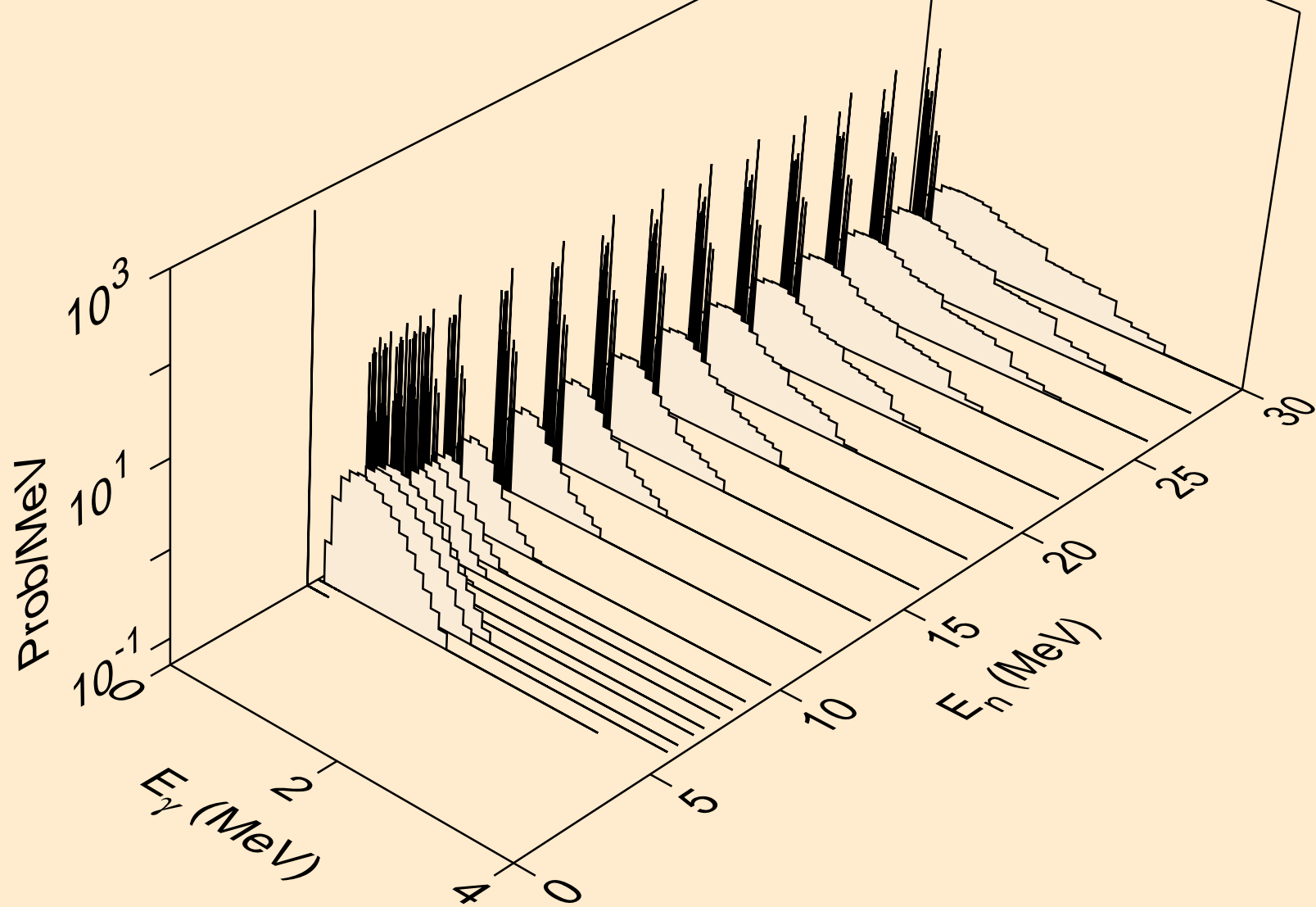
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Photon emission for (n,3n)a



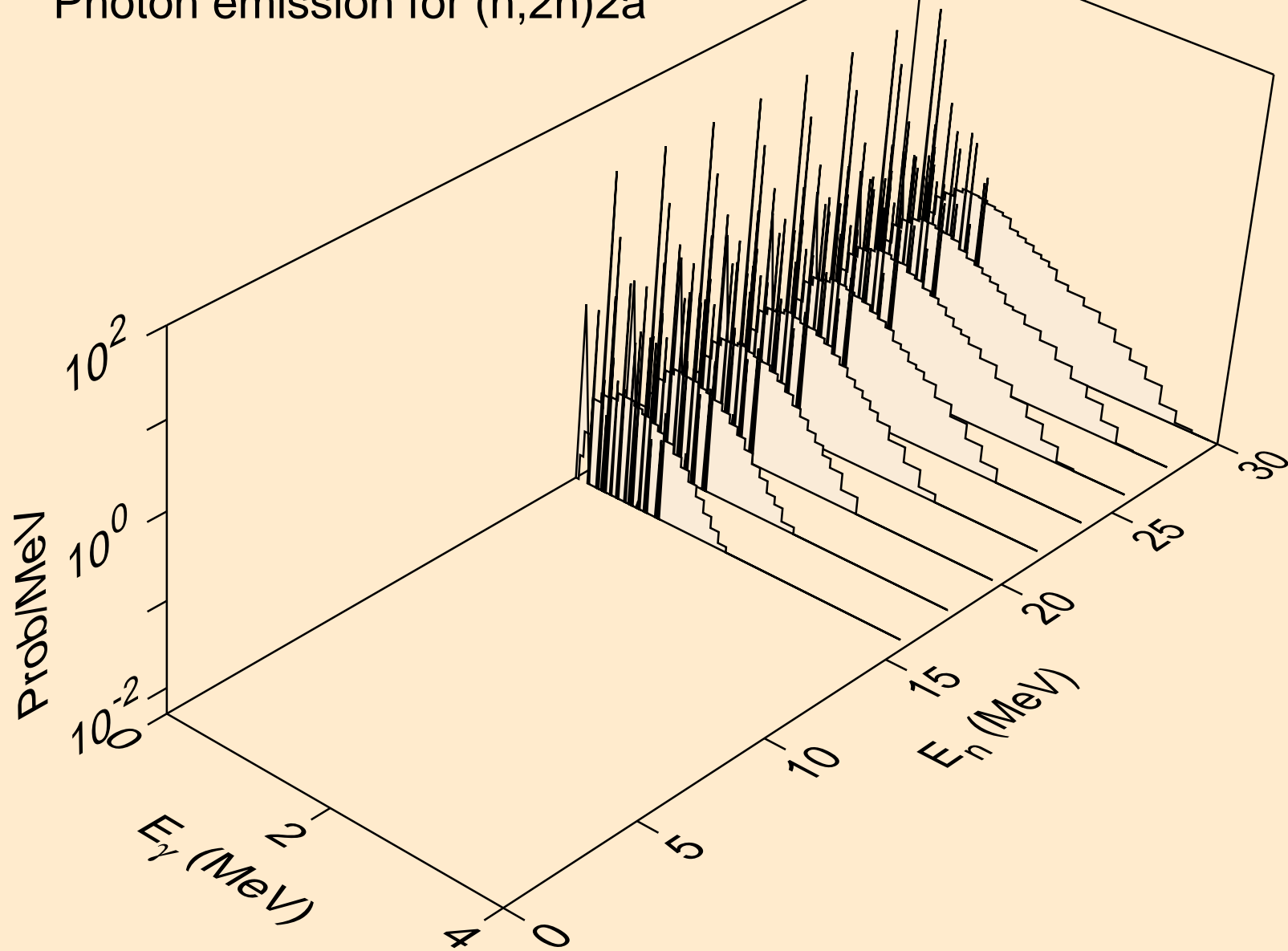
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



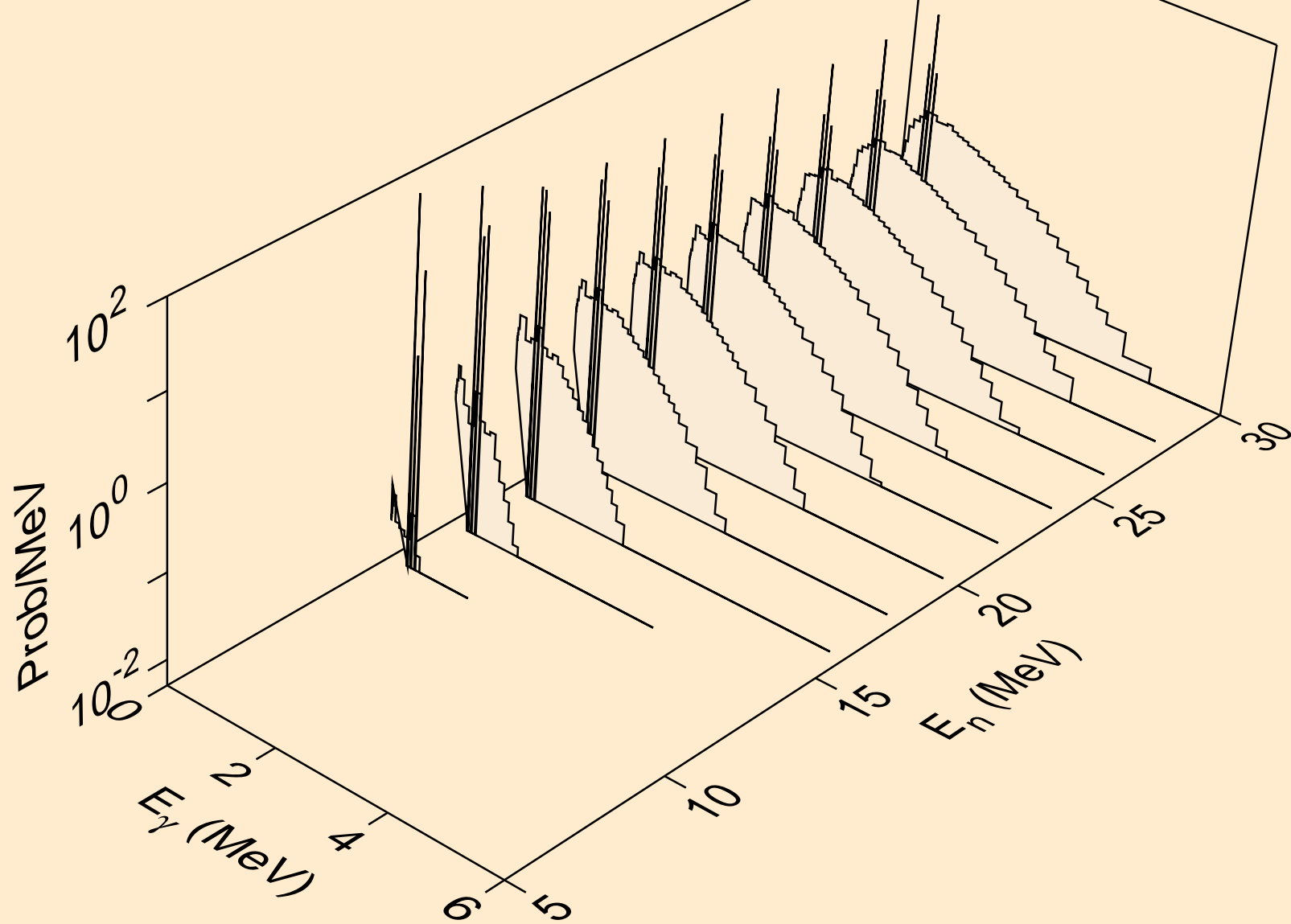
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Photon emission for (n,n*)2a



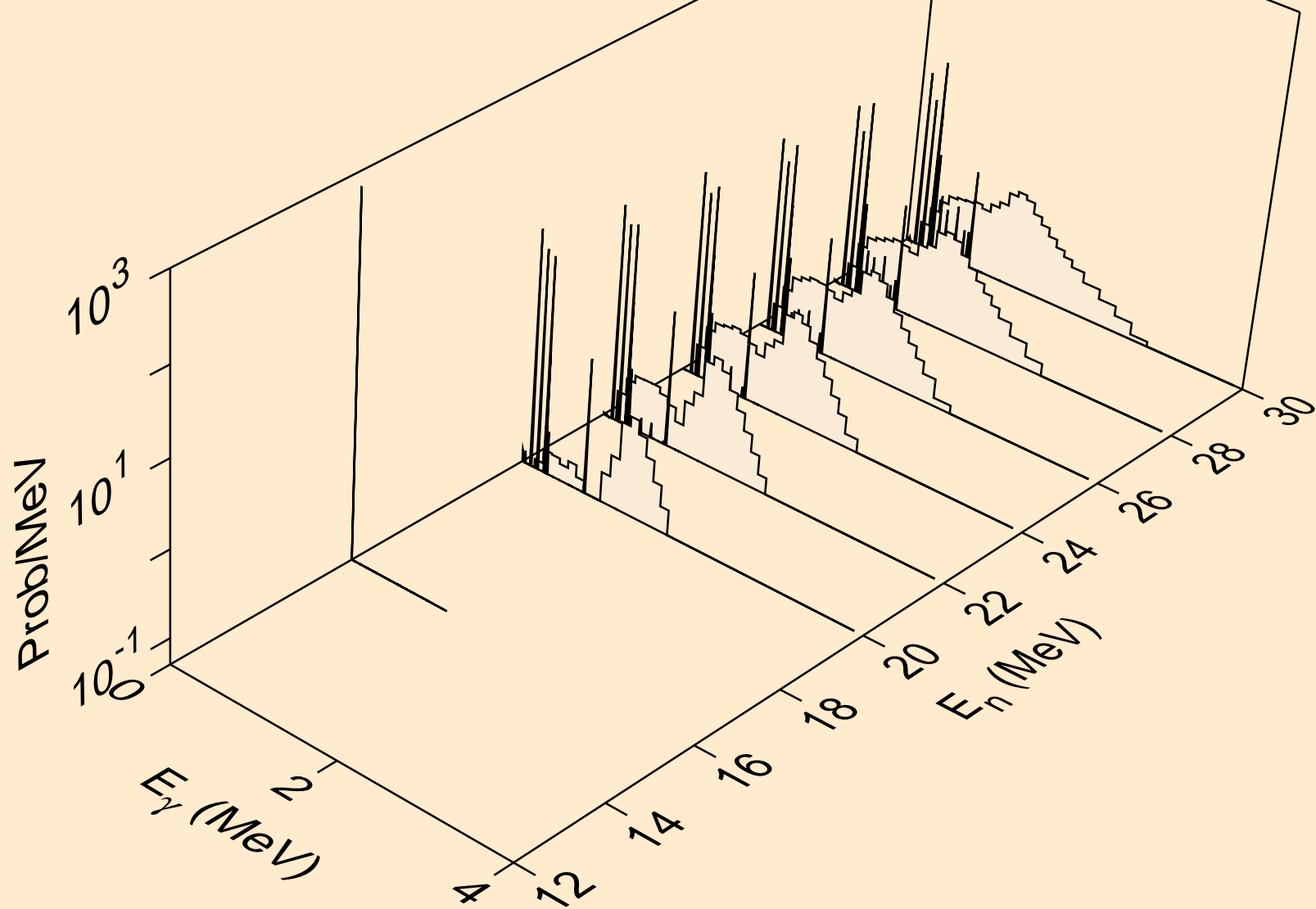
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Photon emission for (n,2n)2a



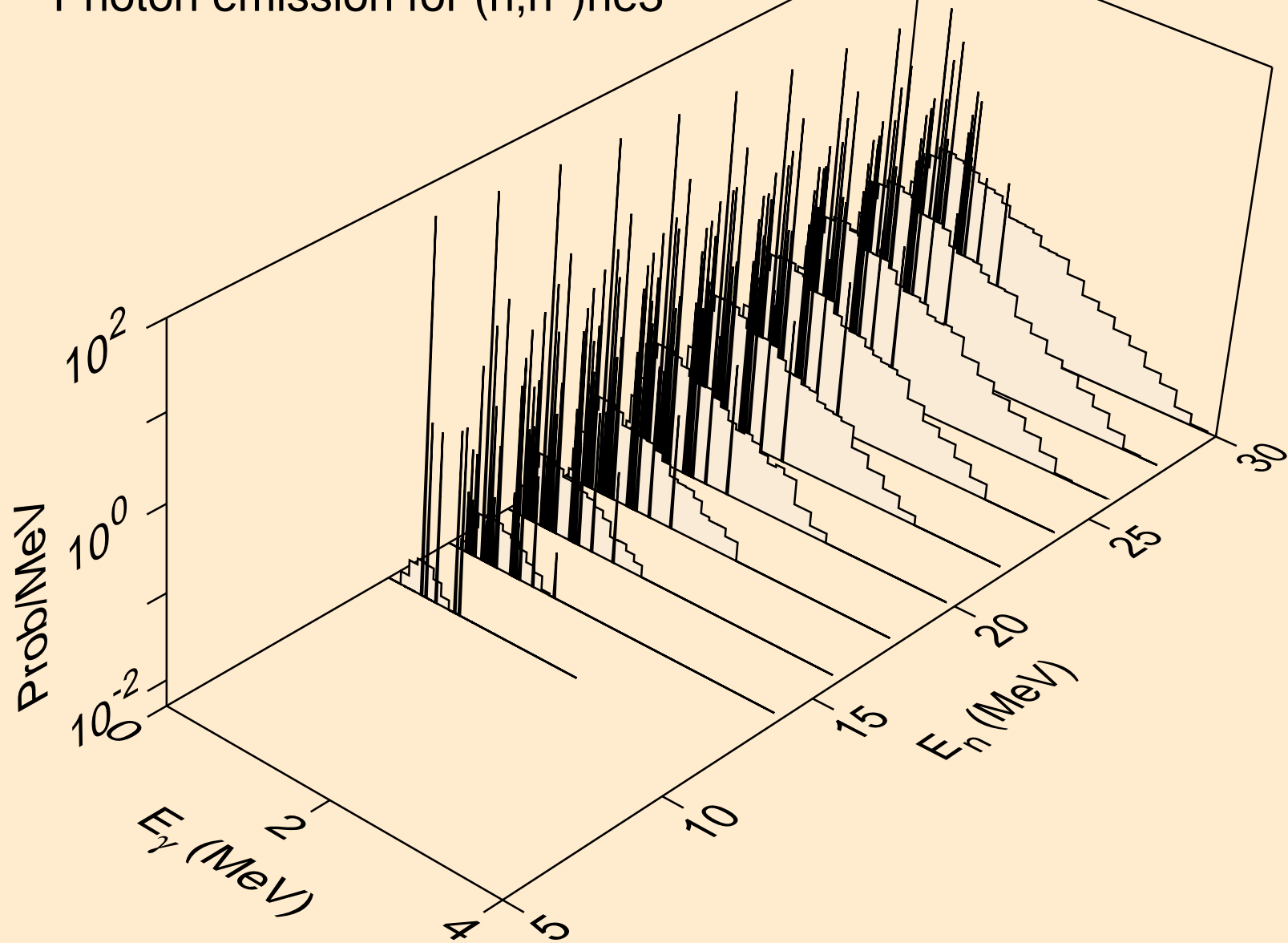
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



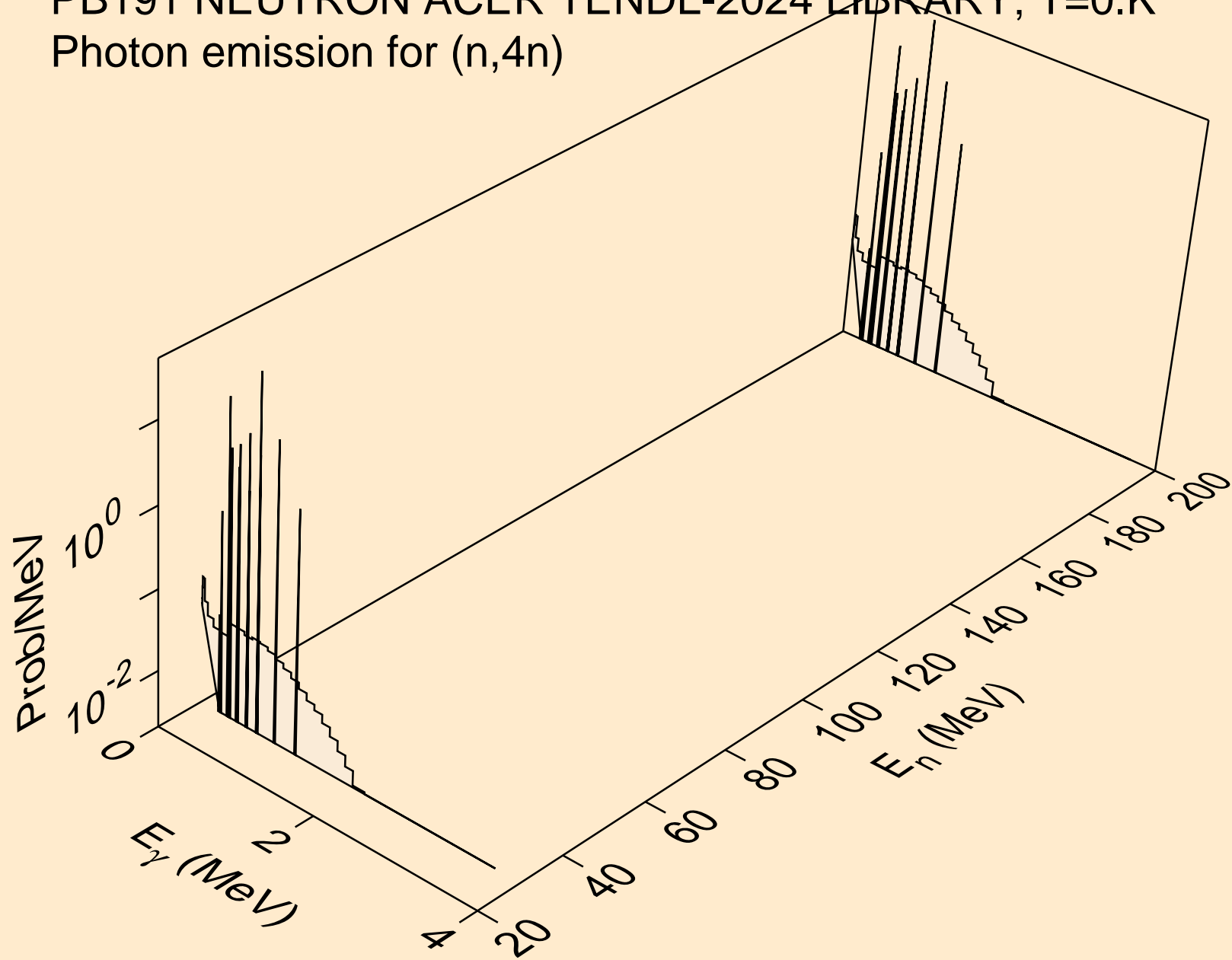
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Photon emission for (n,n*)t



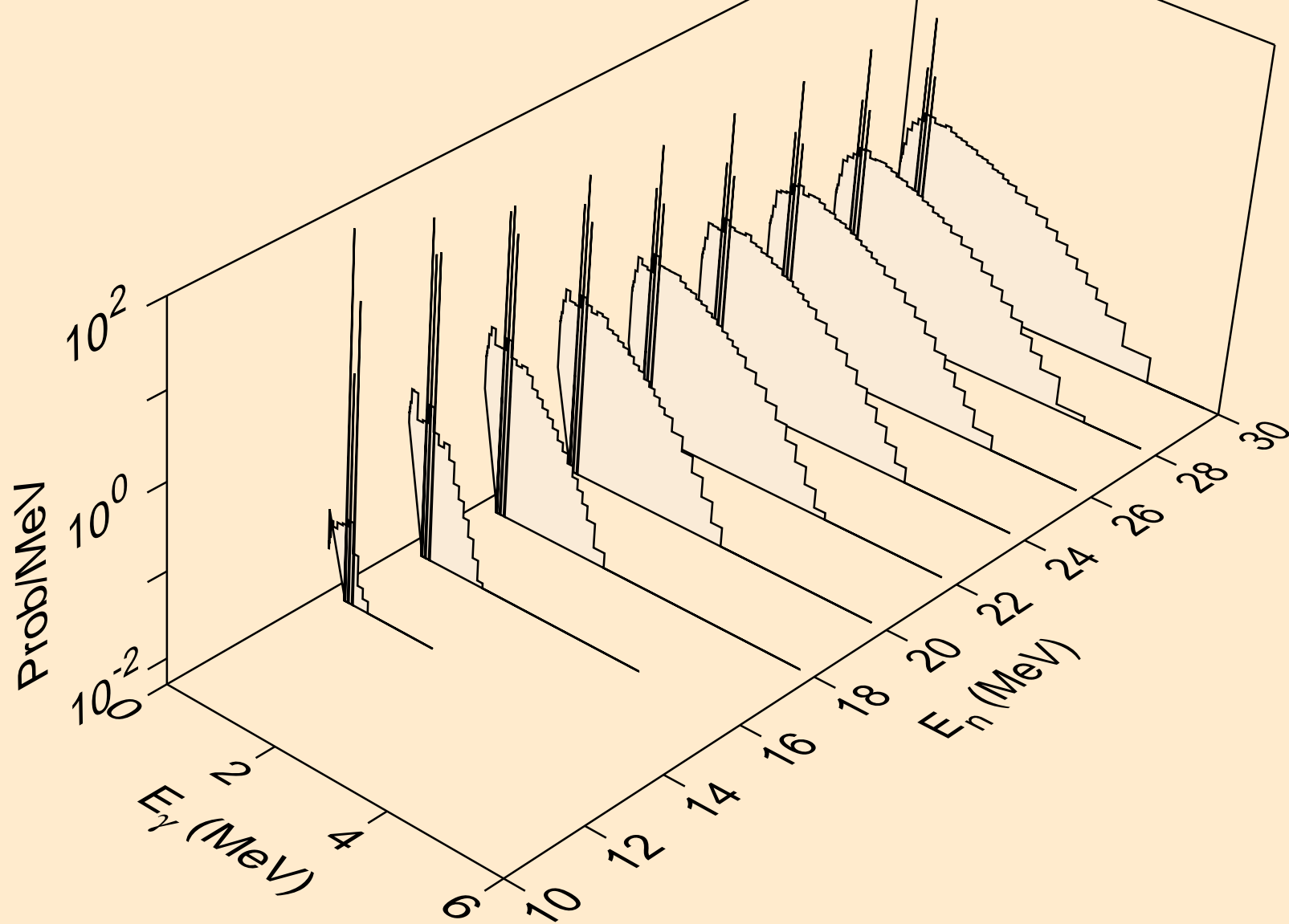
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



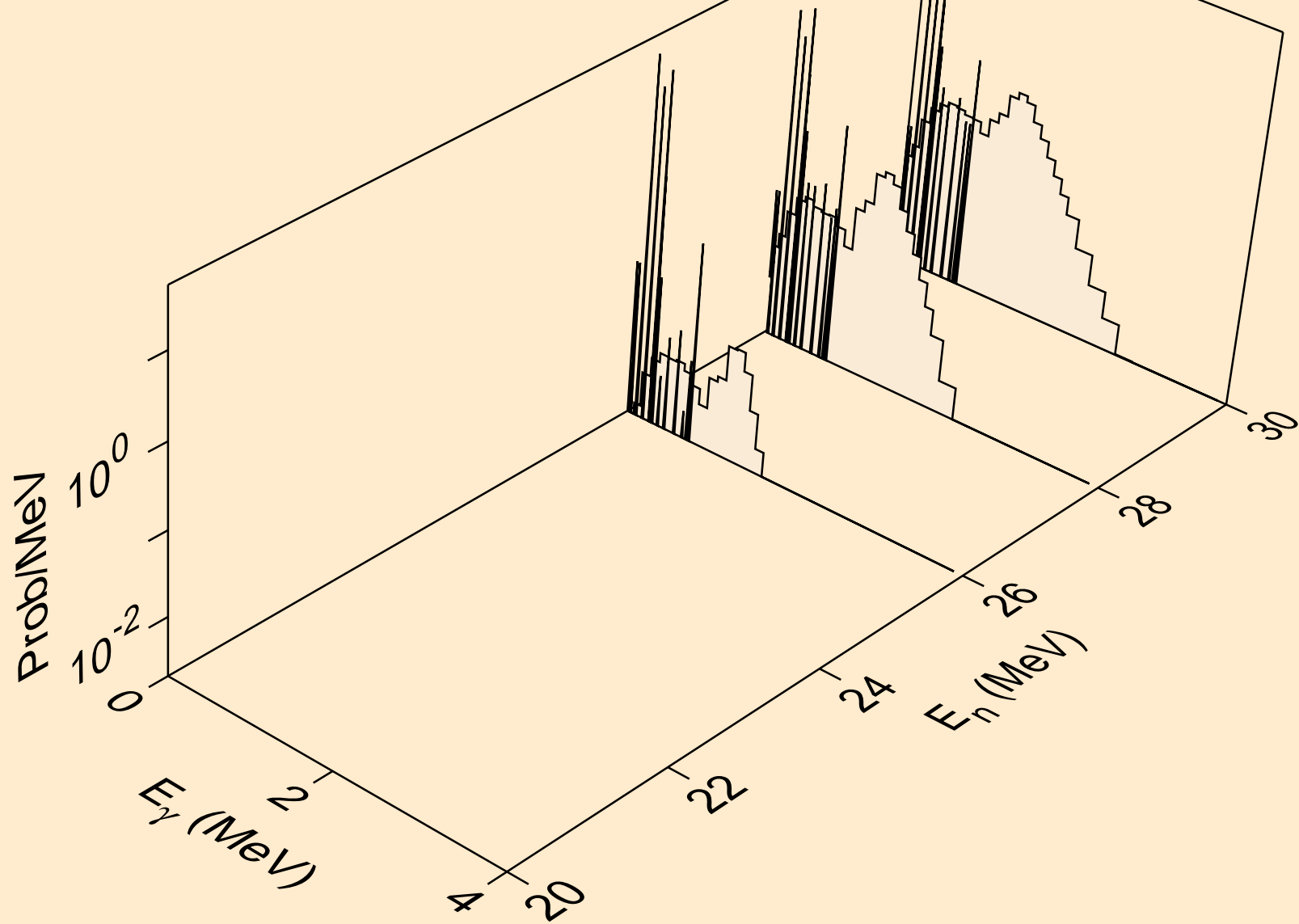
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



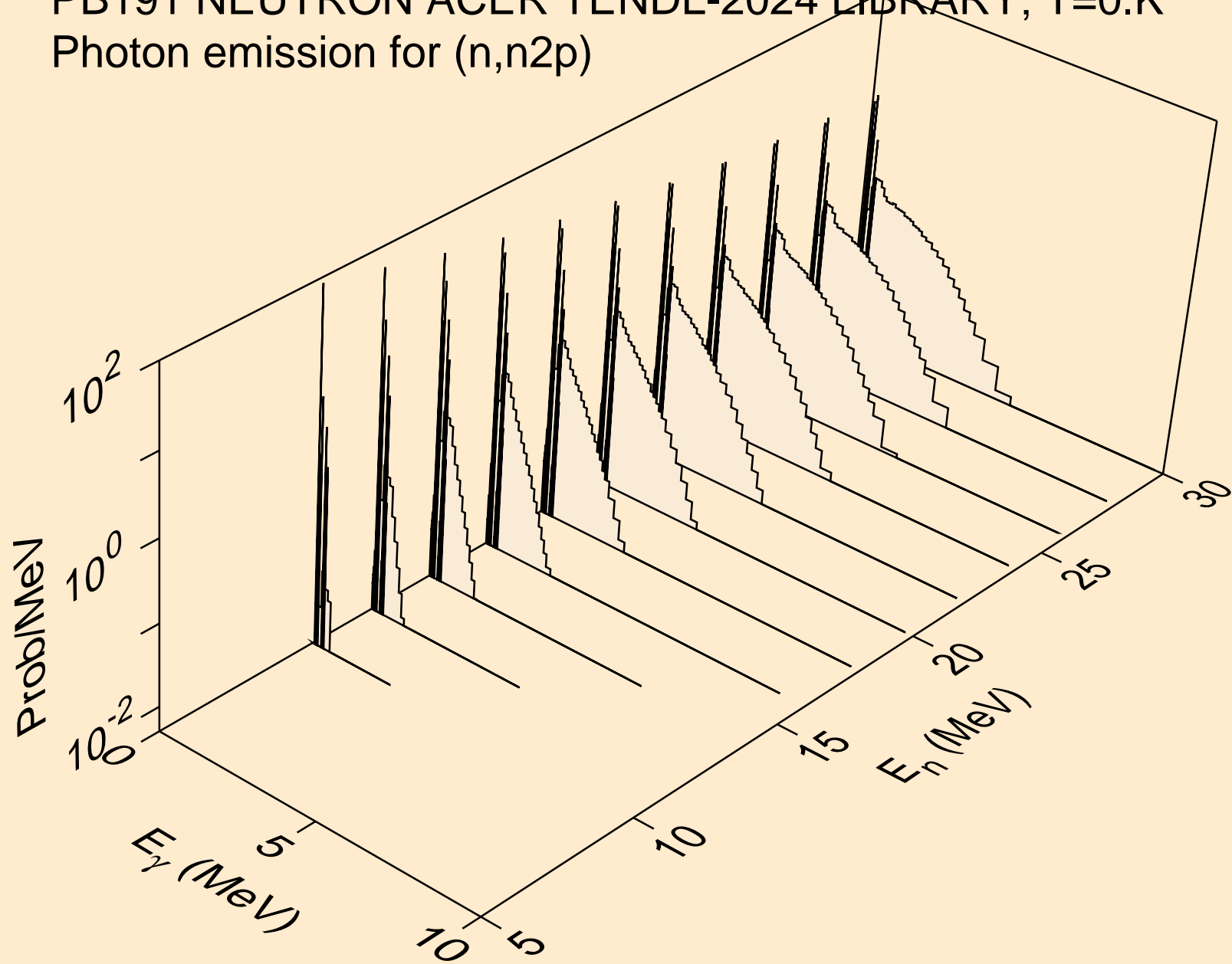
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



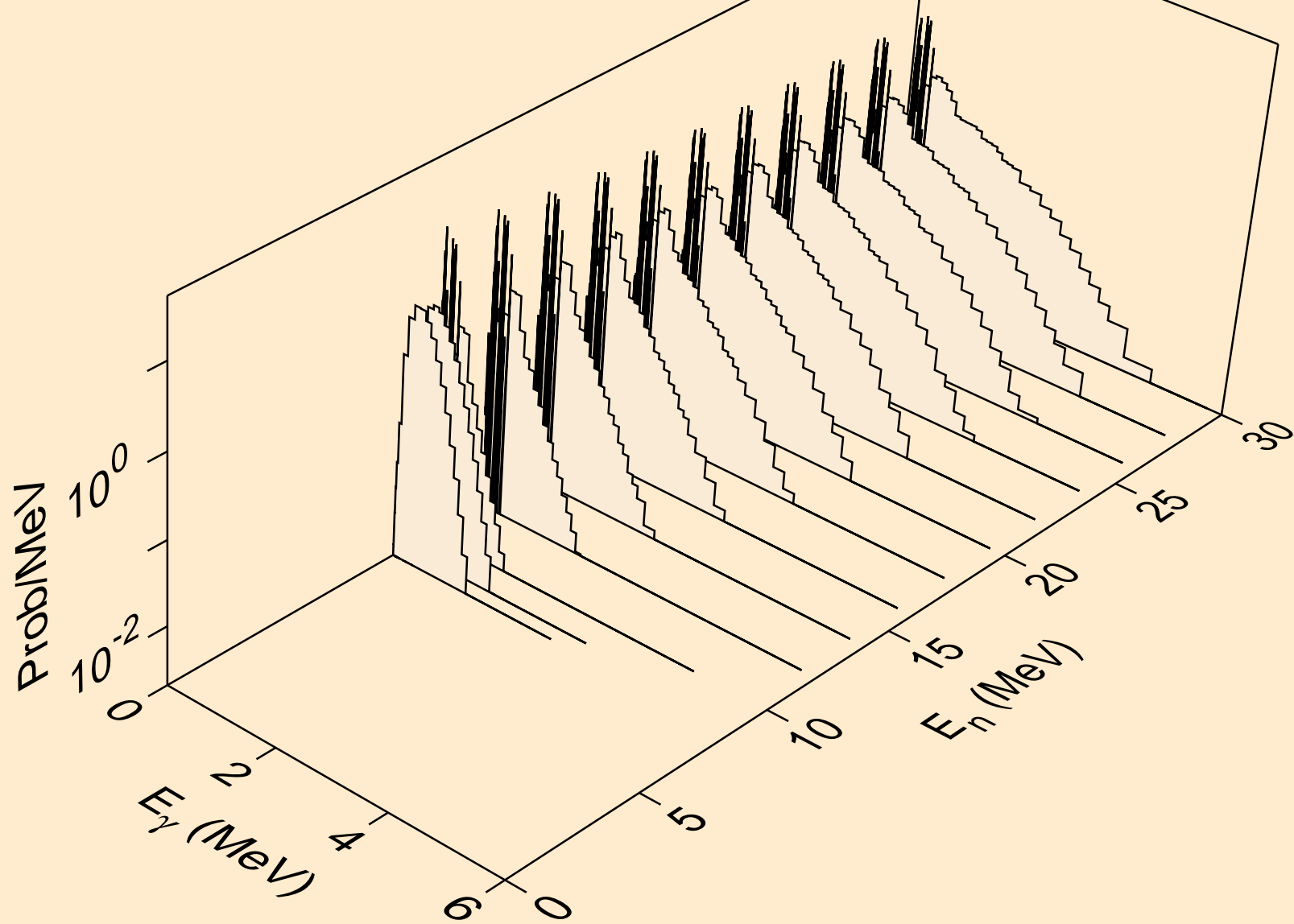
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



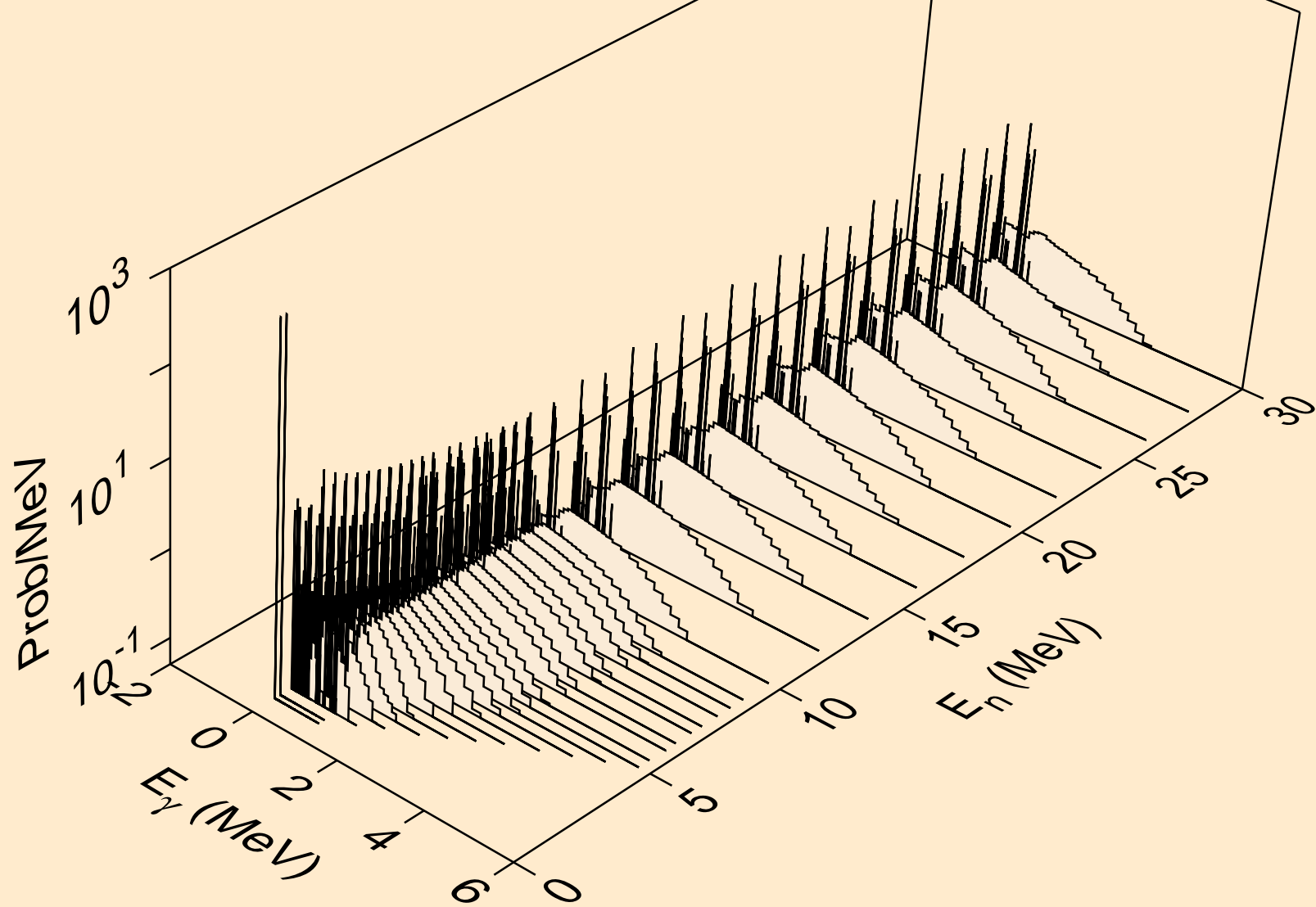
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



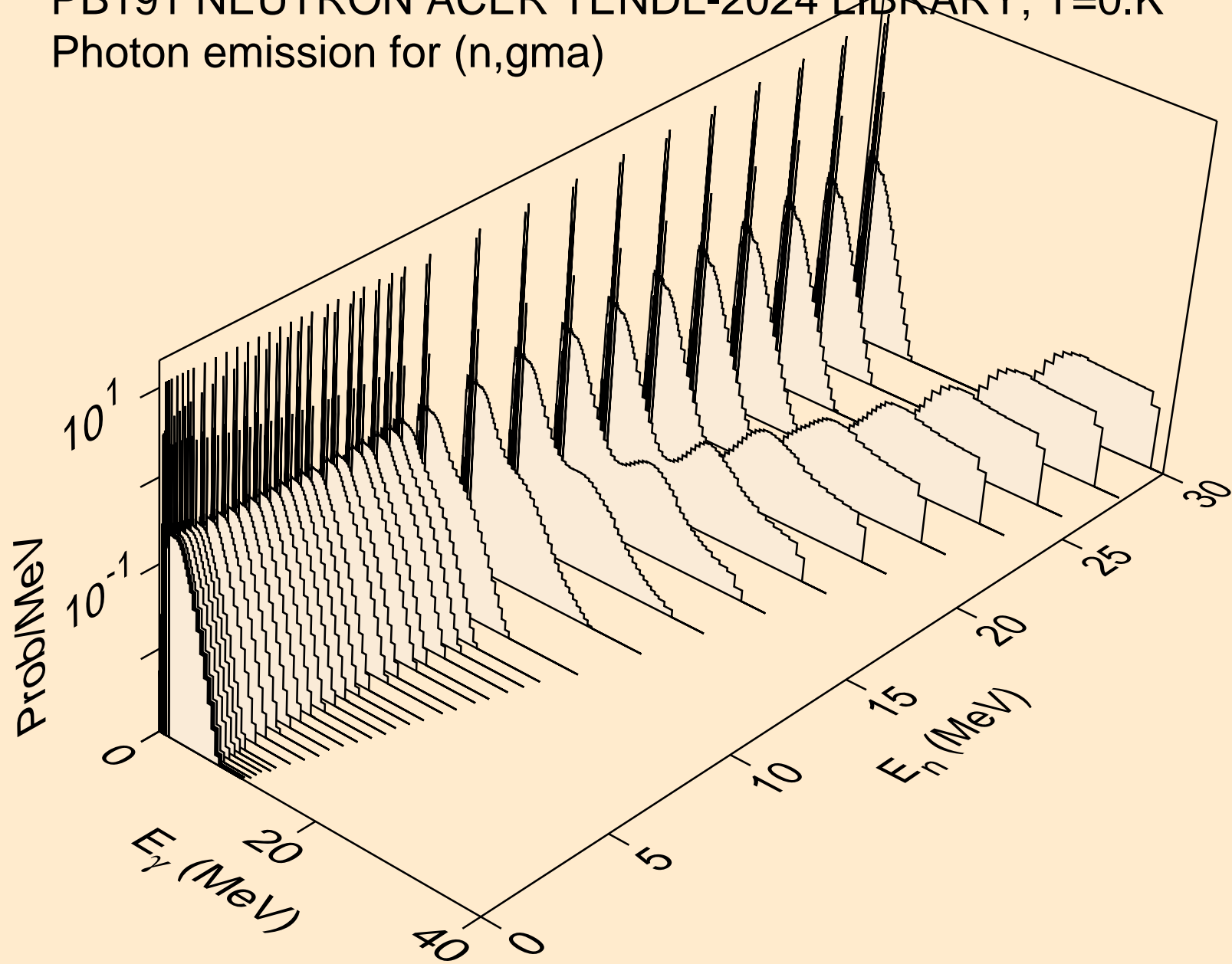
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



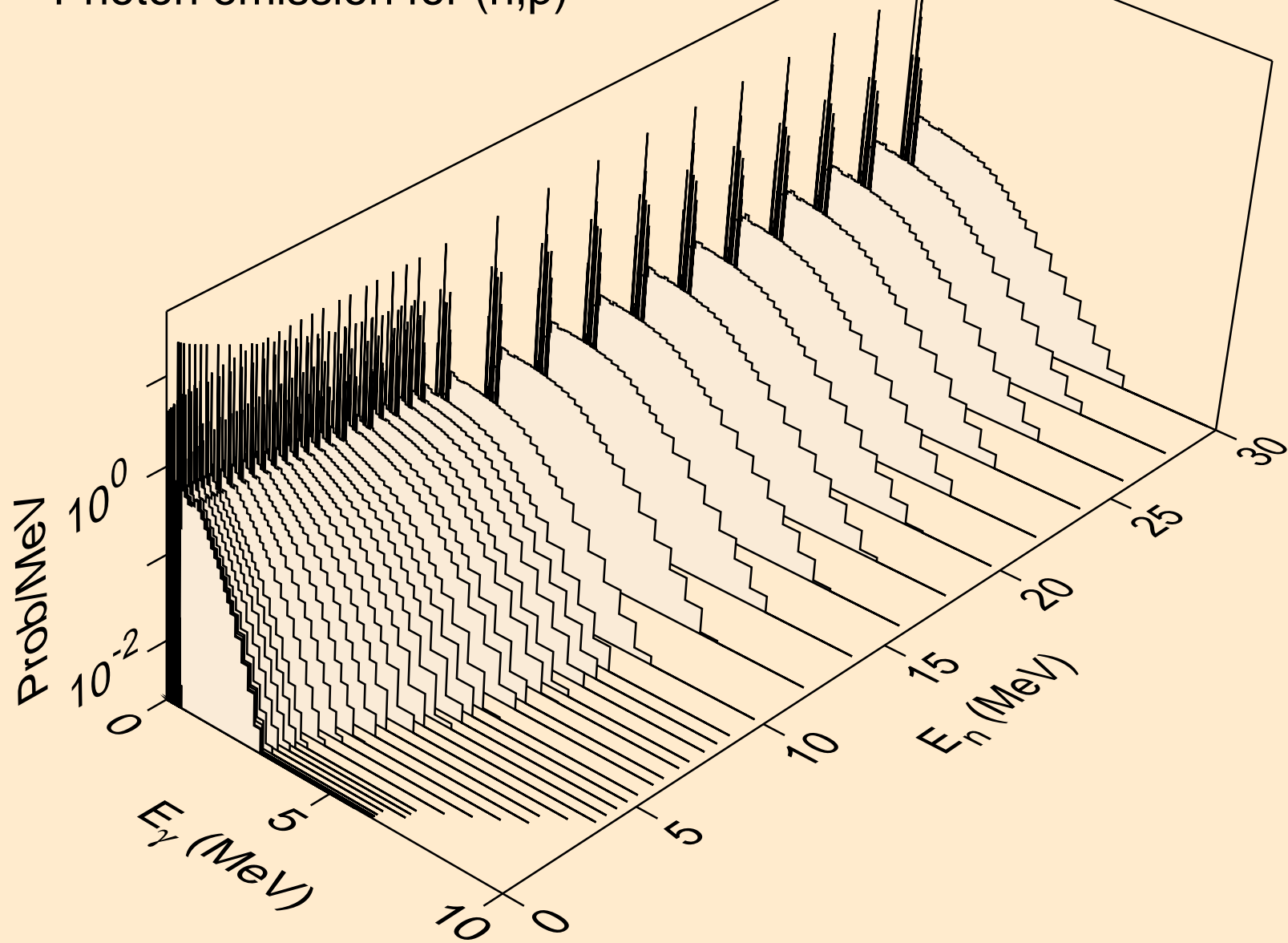
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



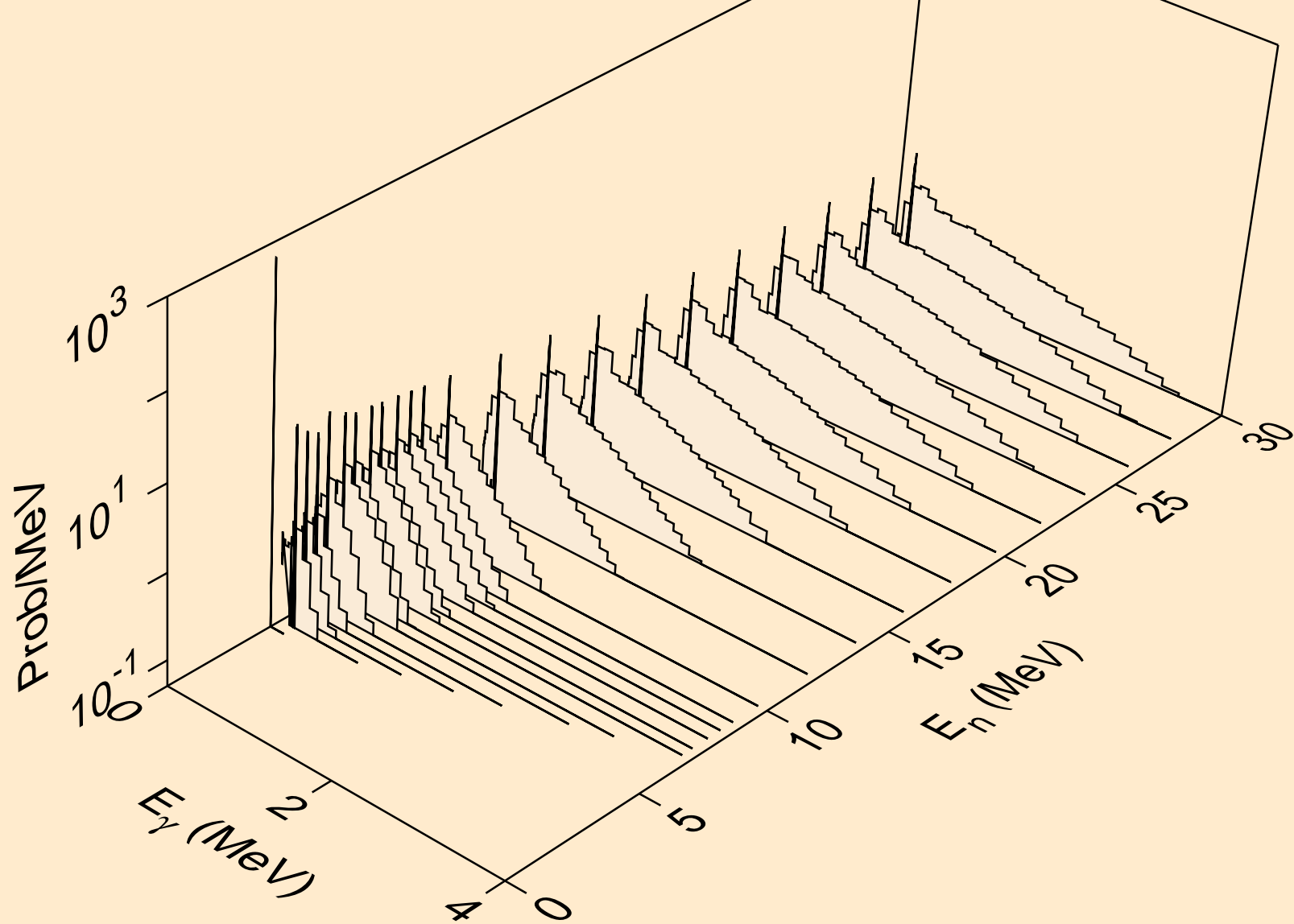
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



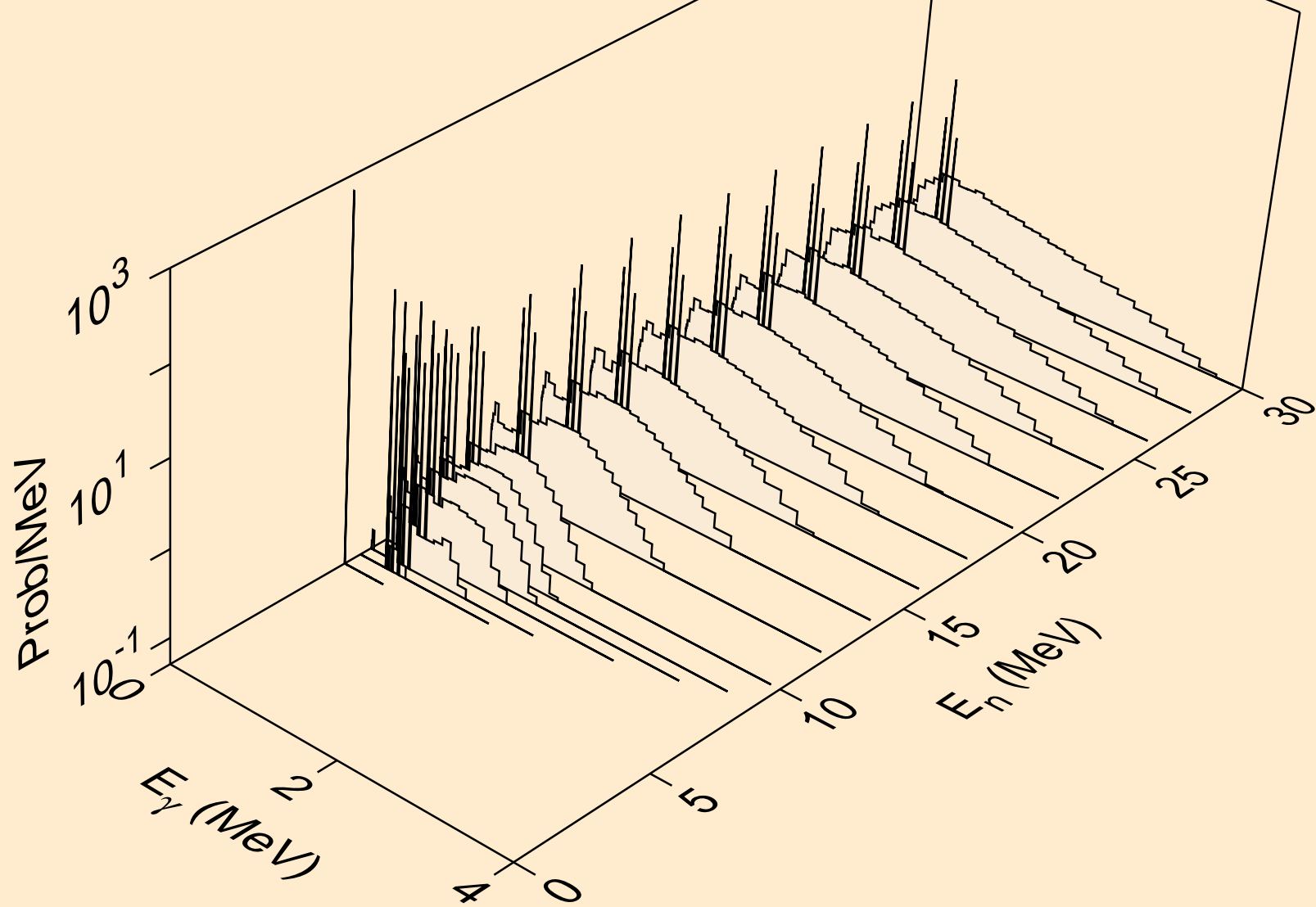
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



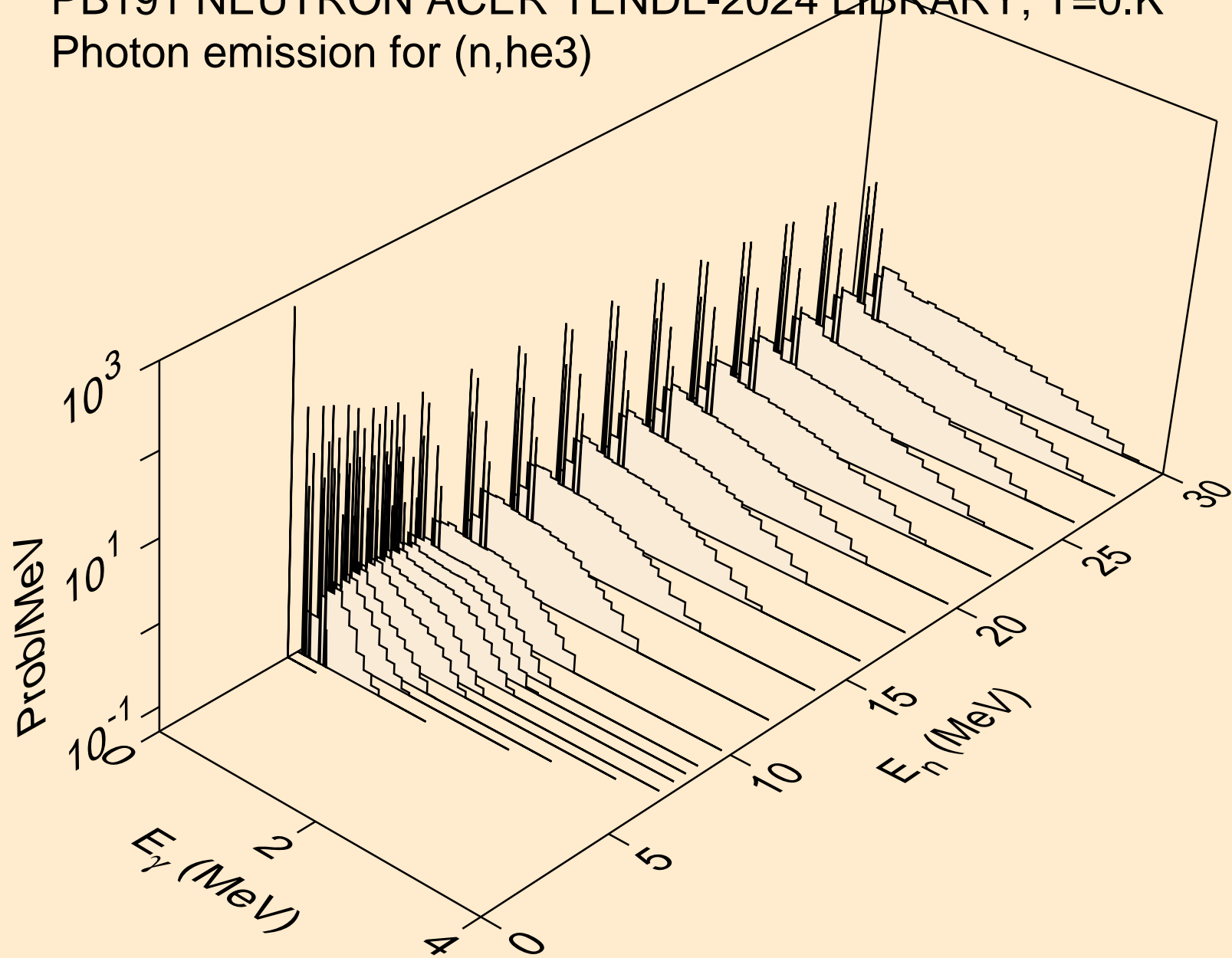
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



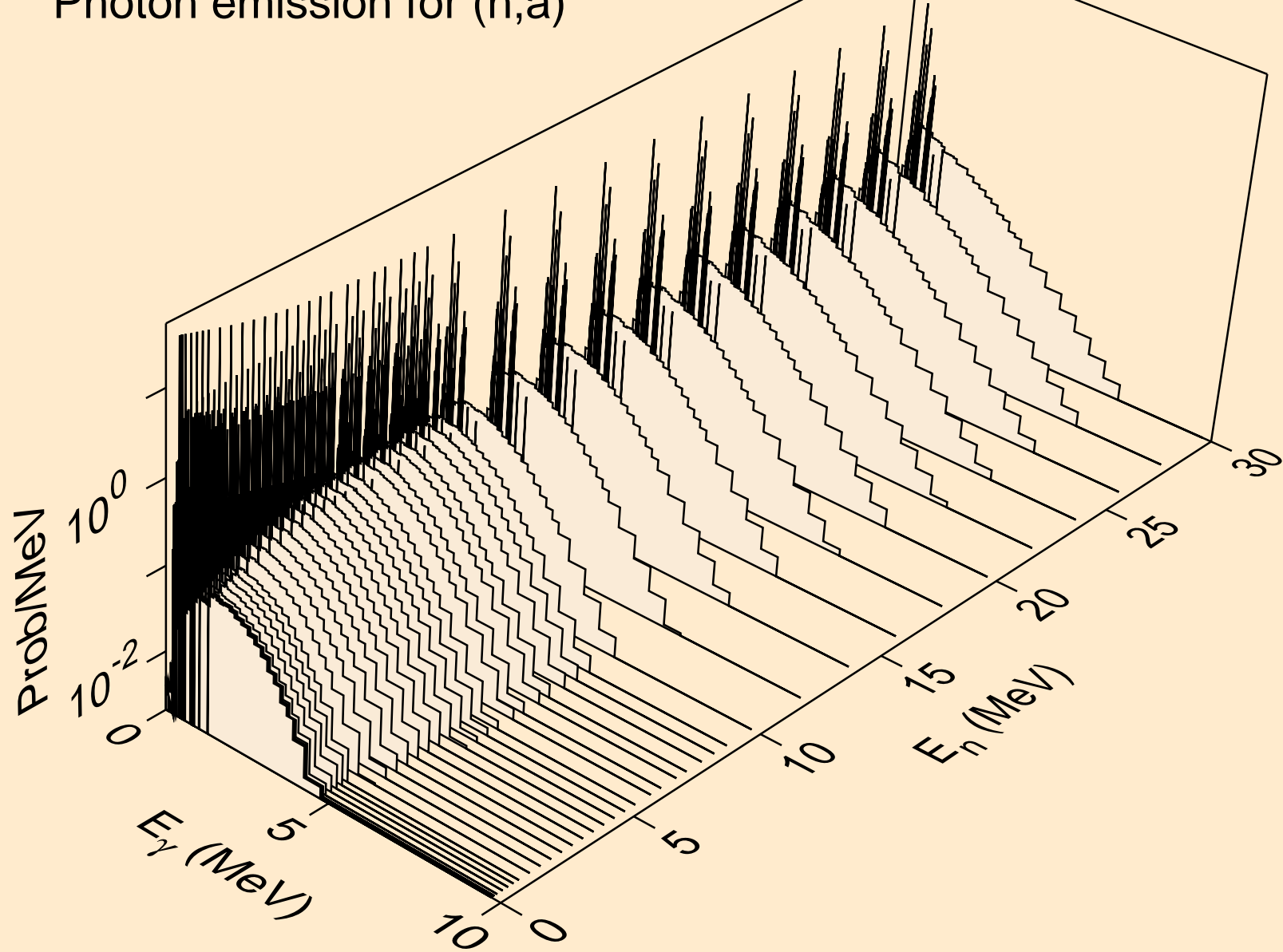
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



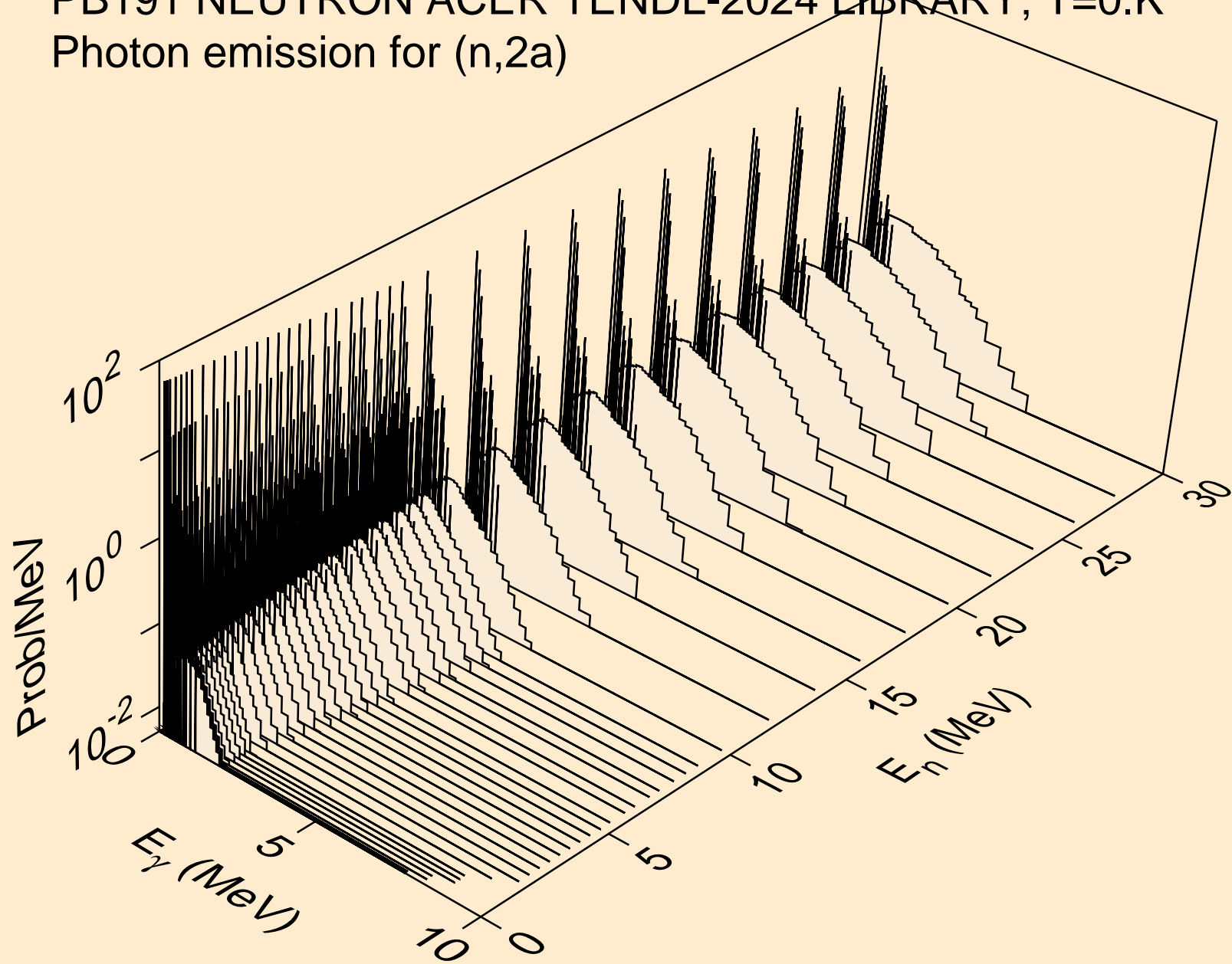
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



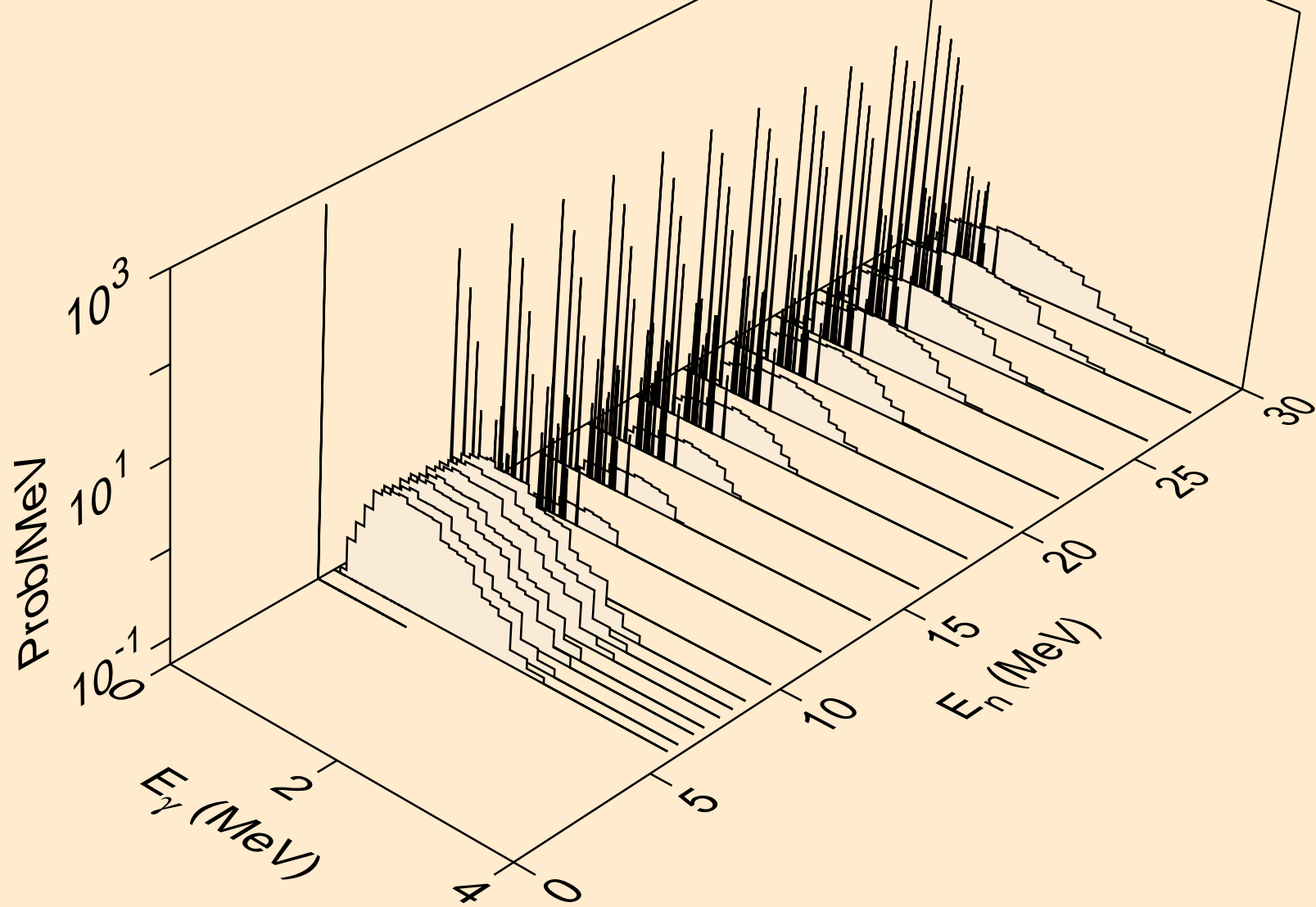
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



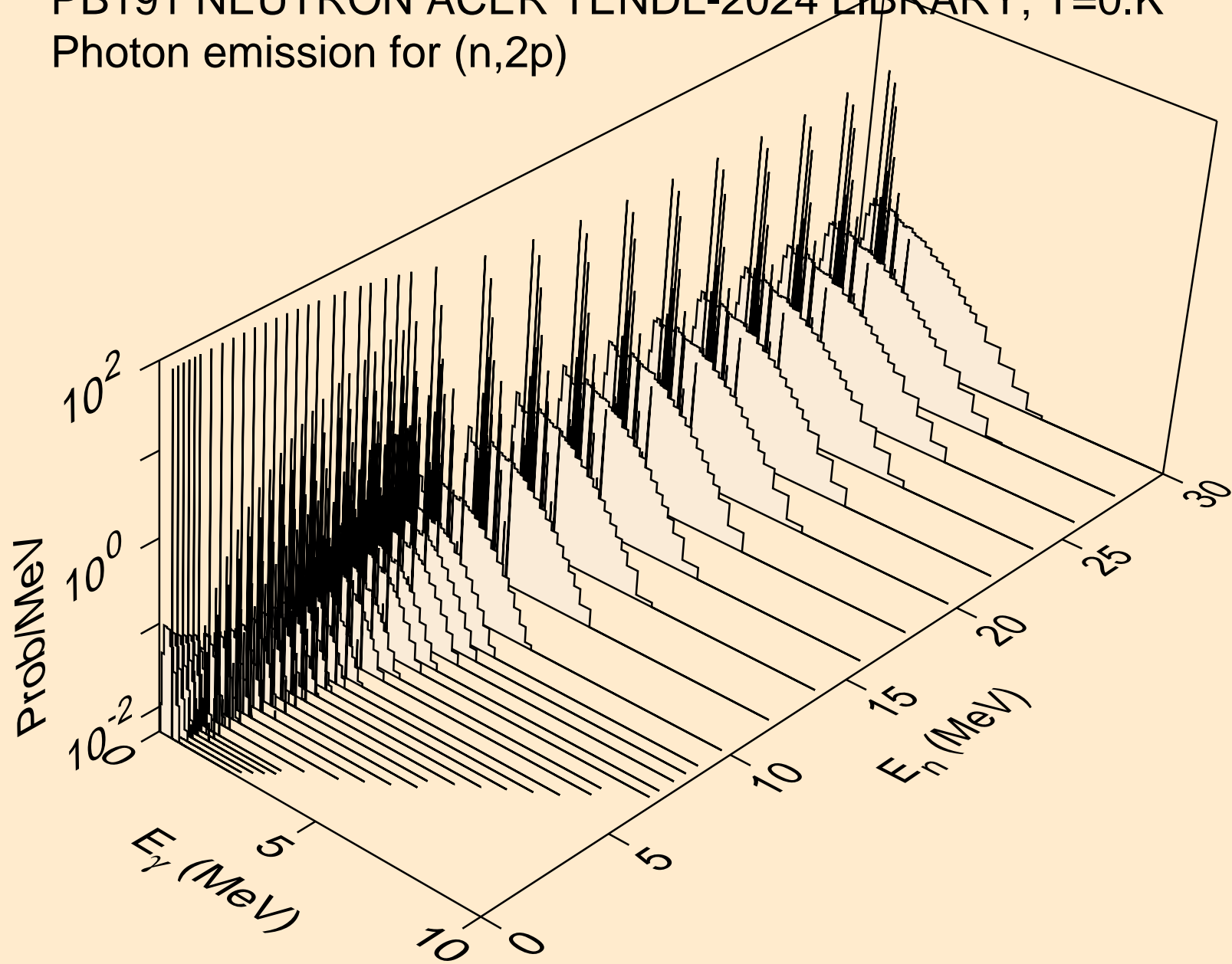
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



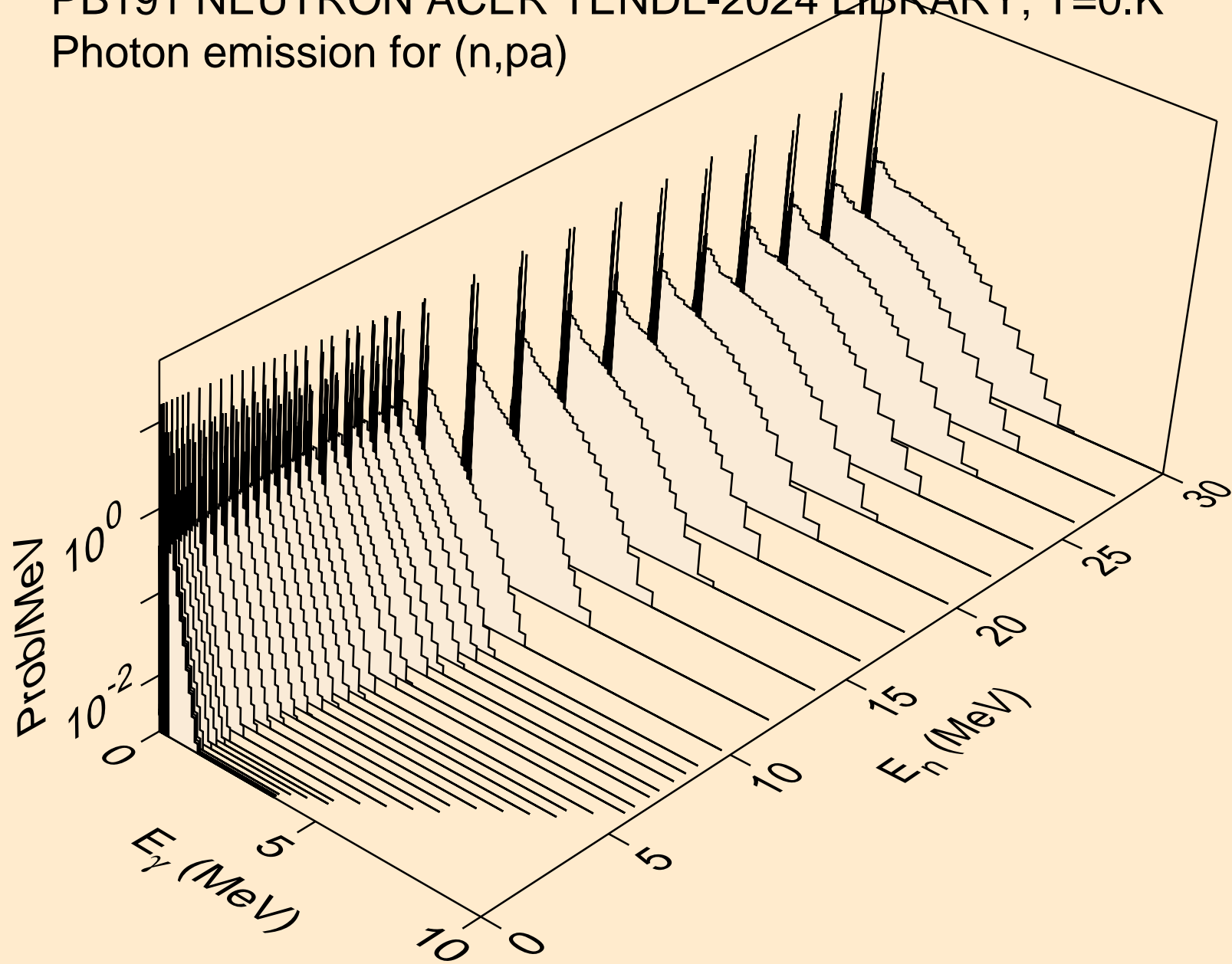
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



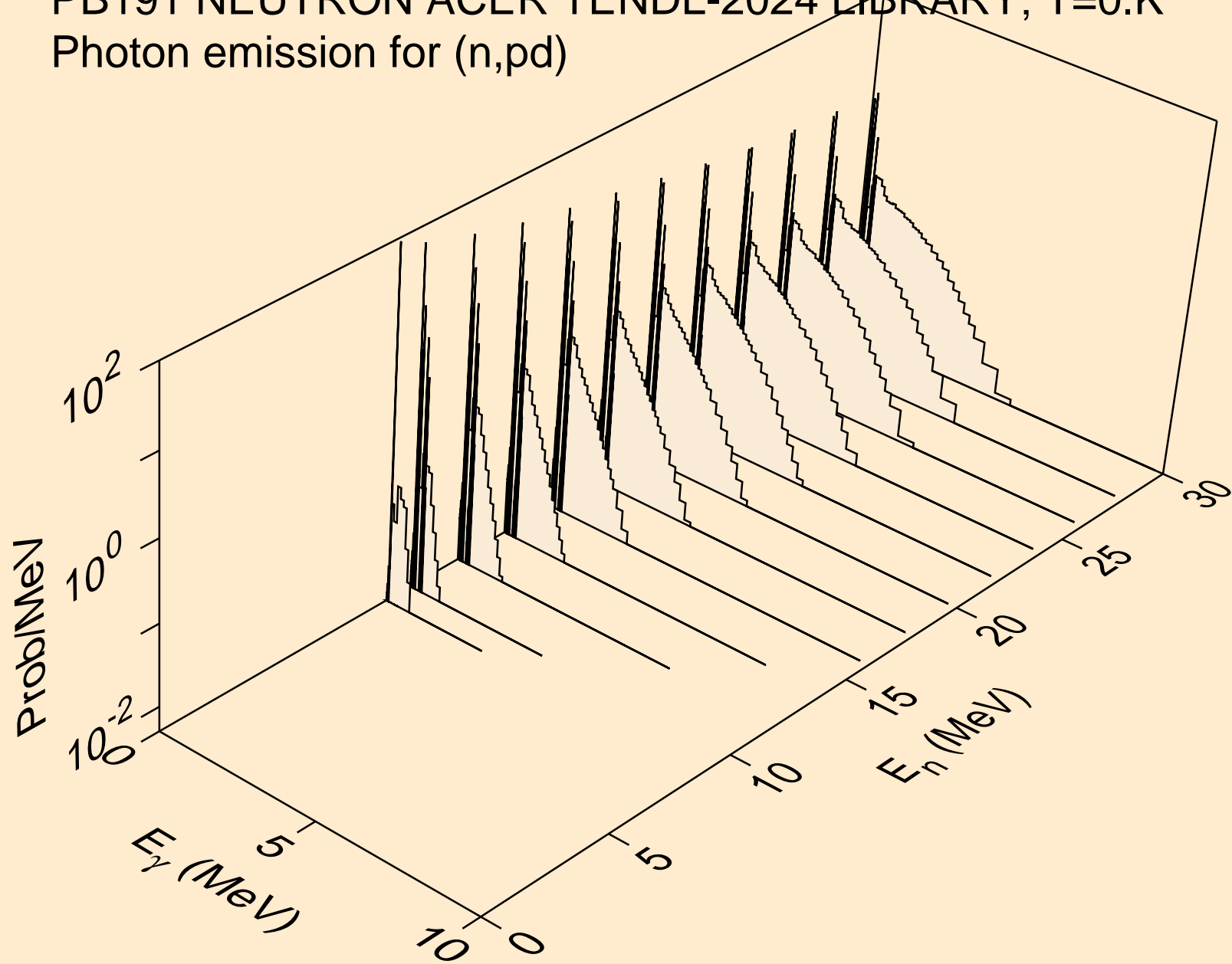
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



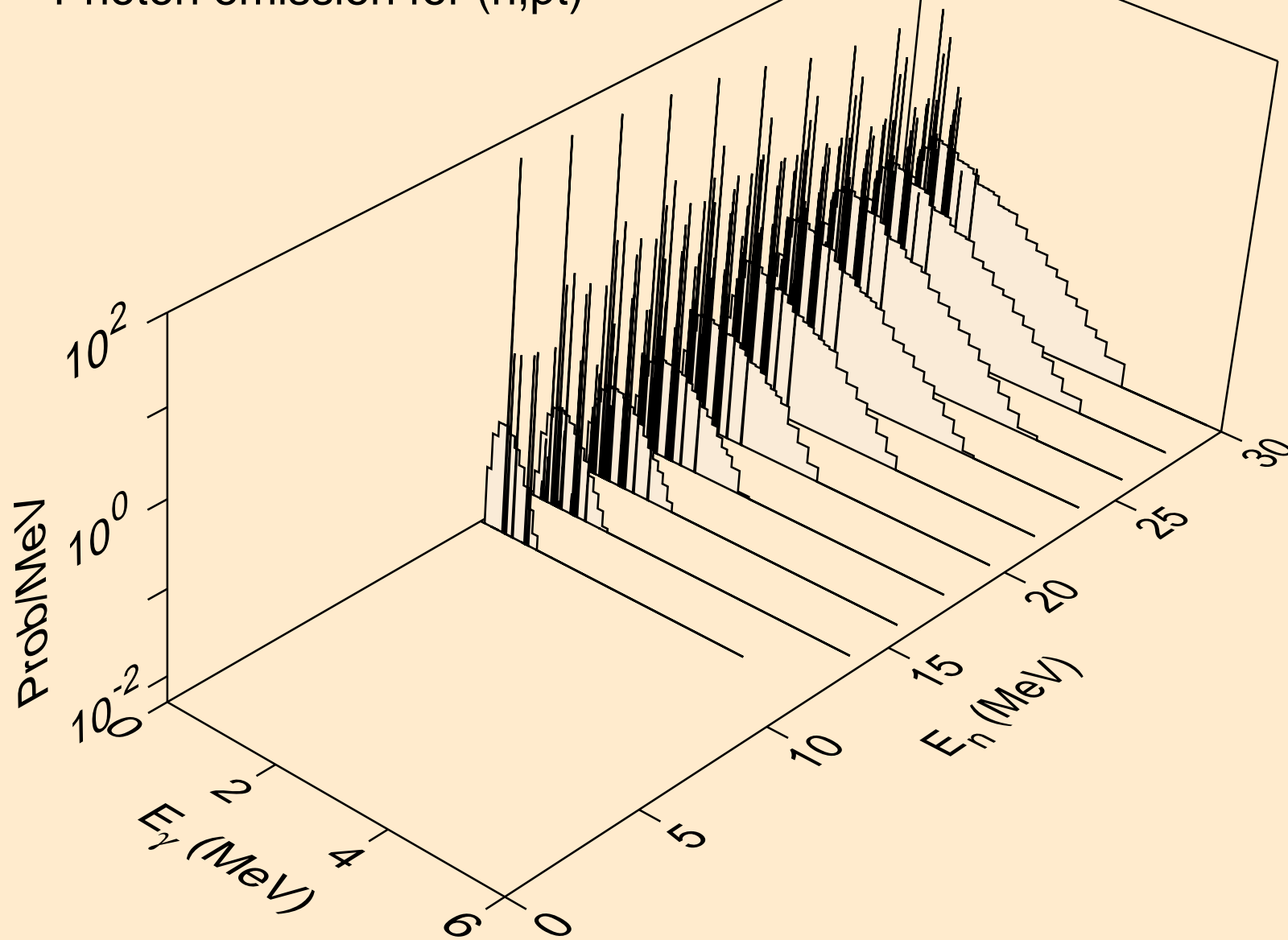
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



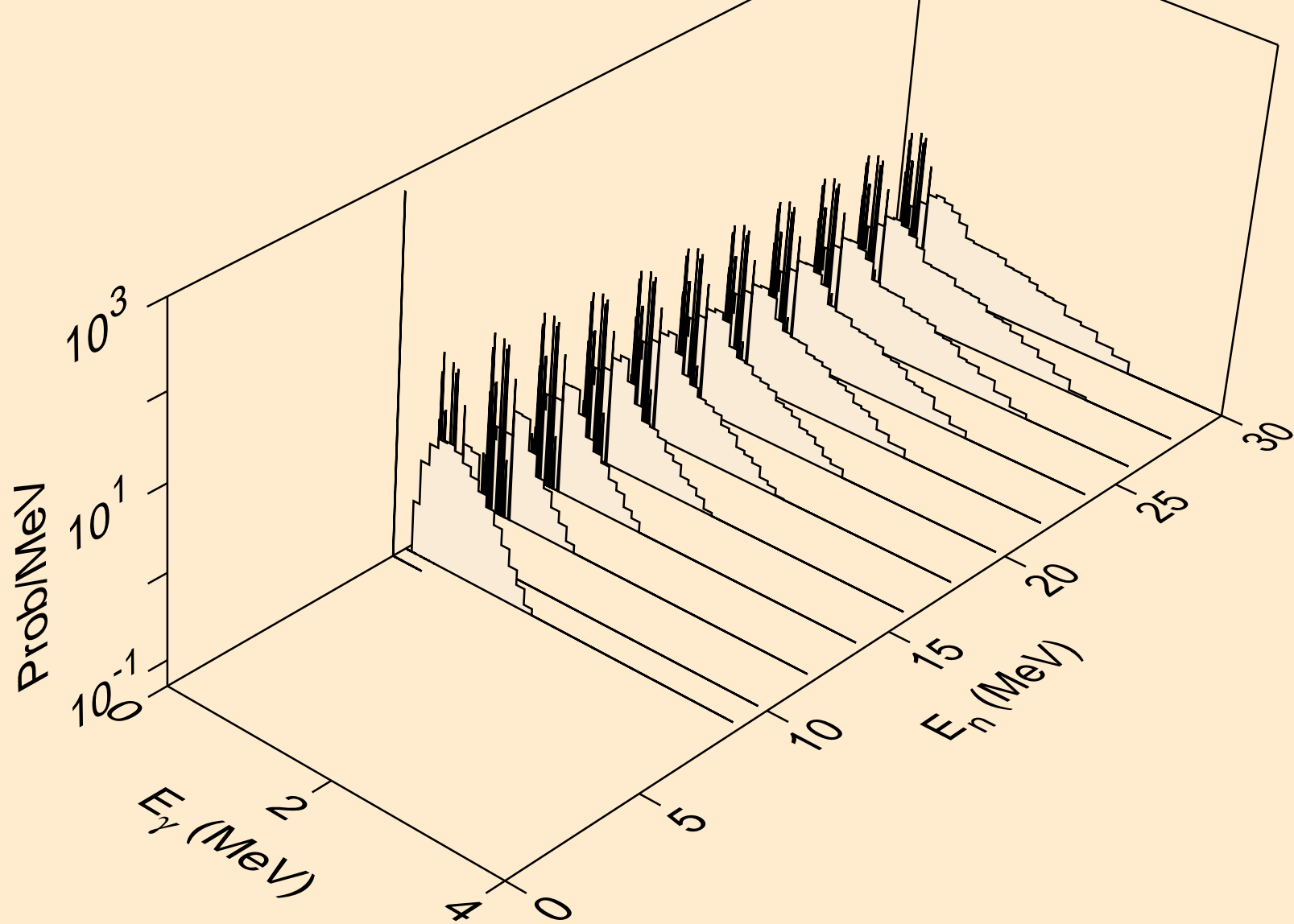
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



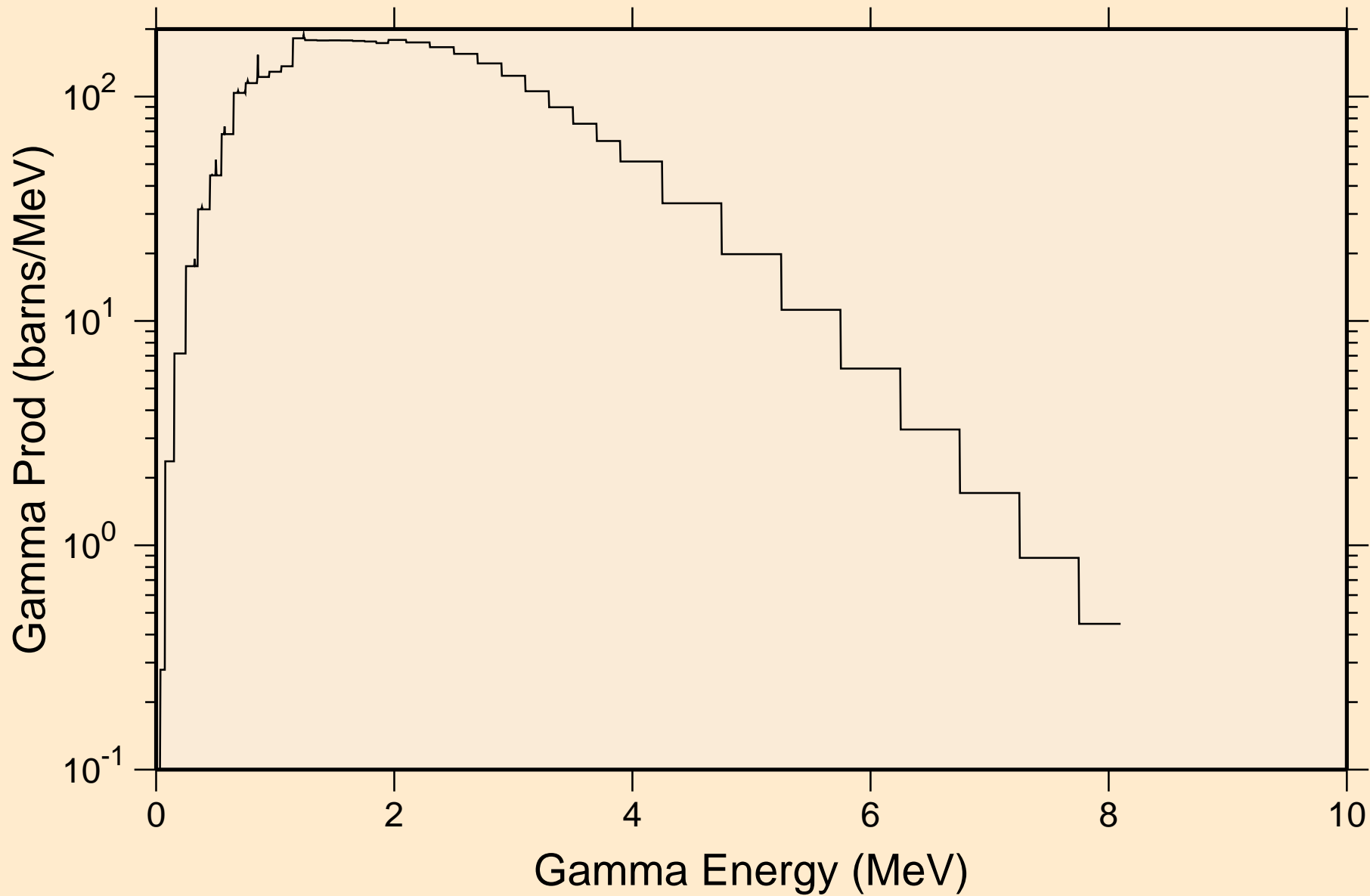
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



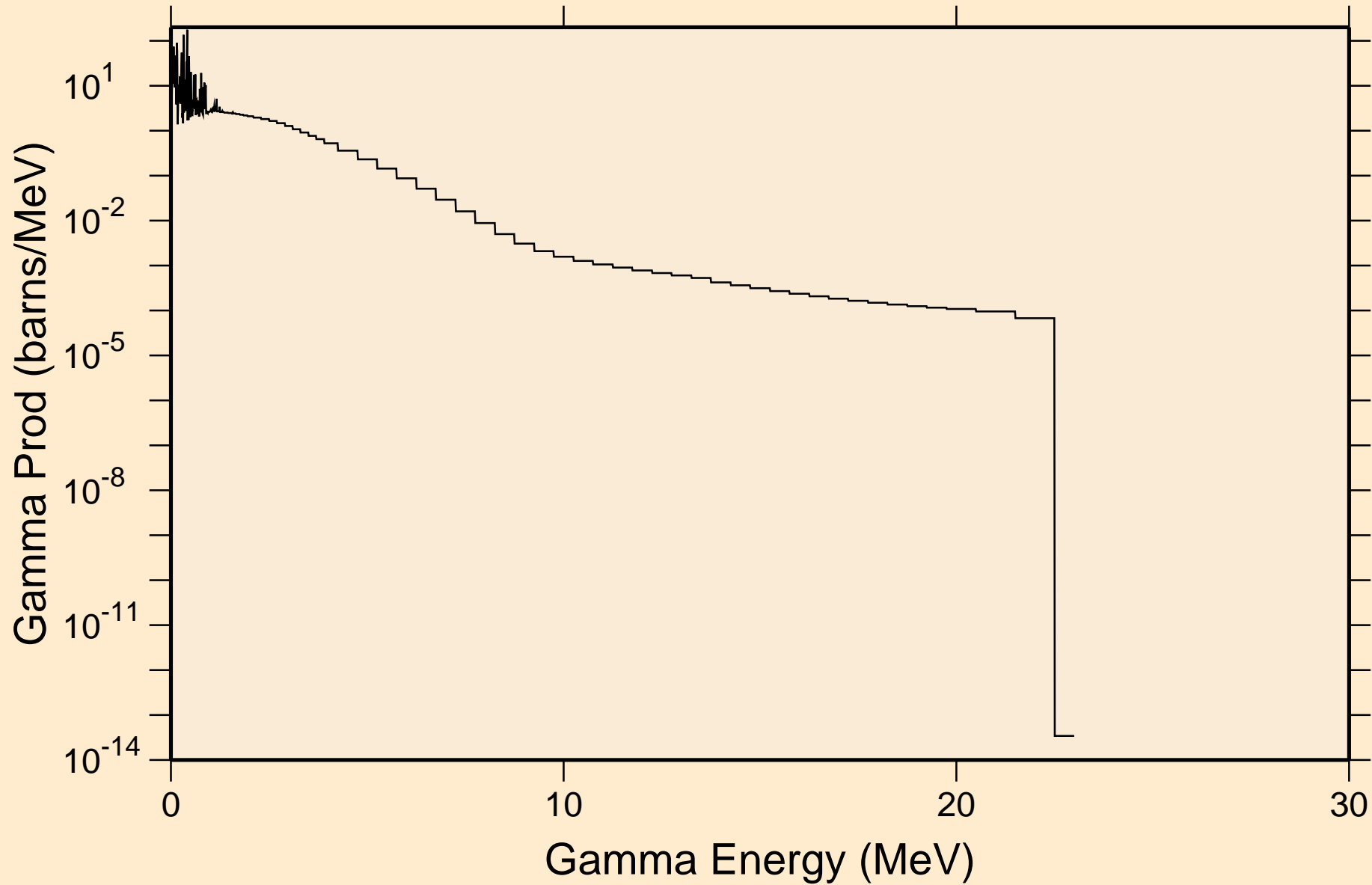
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

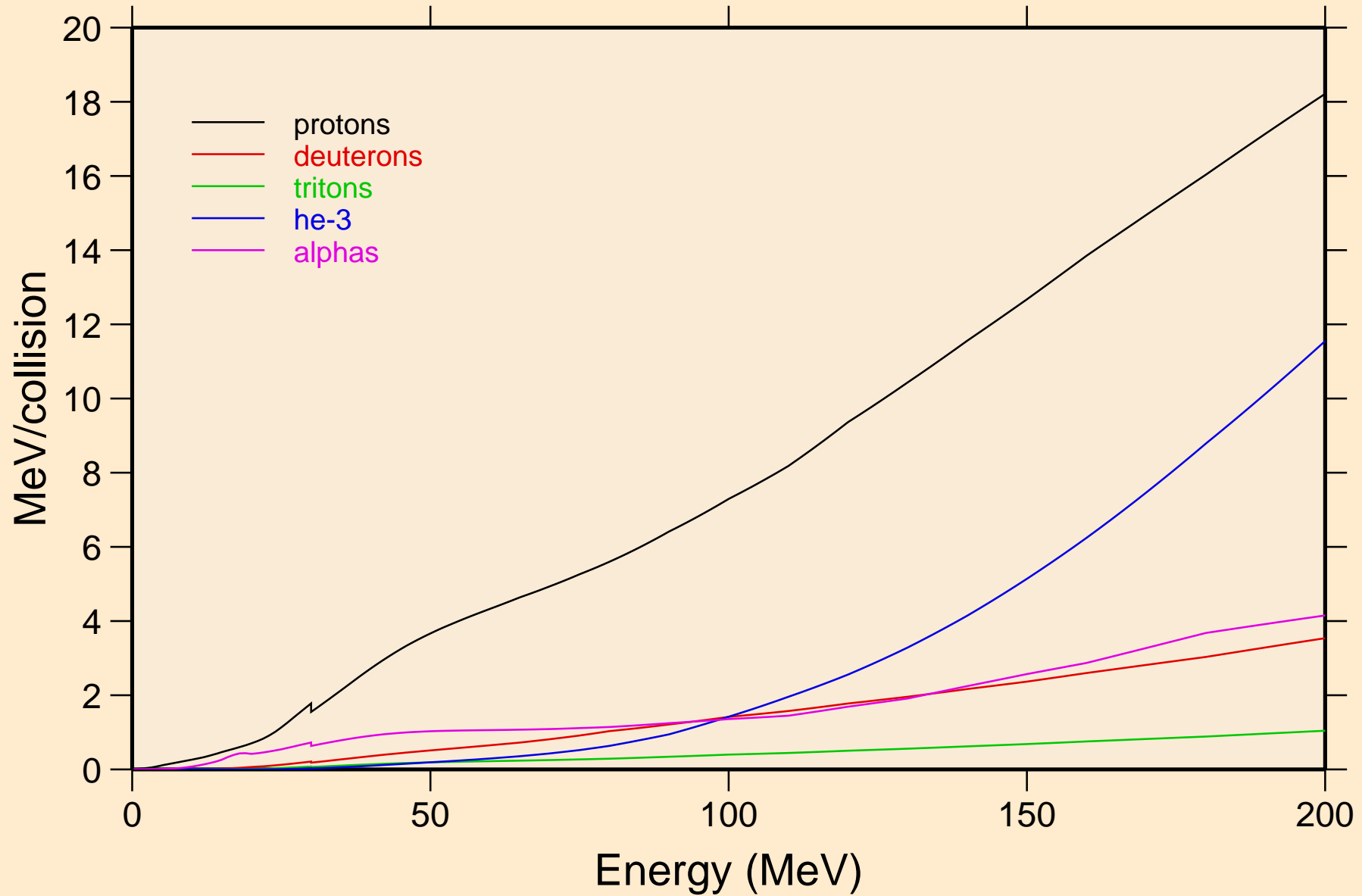


PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

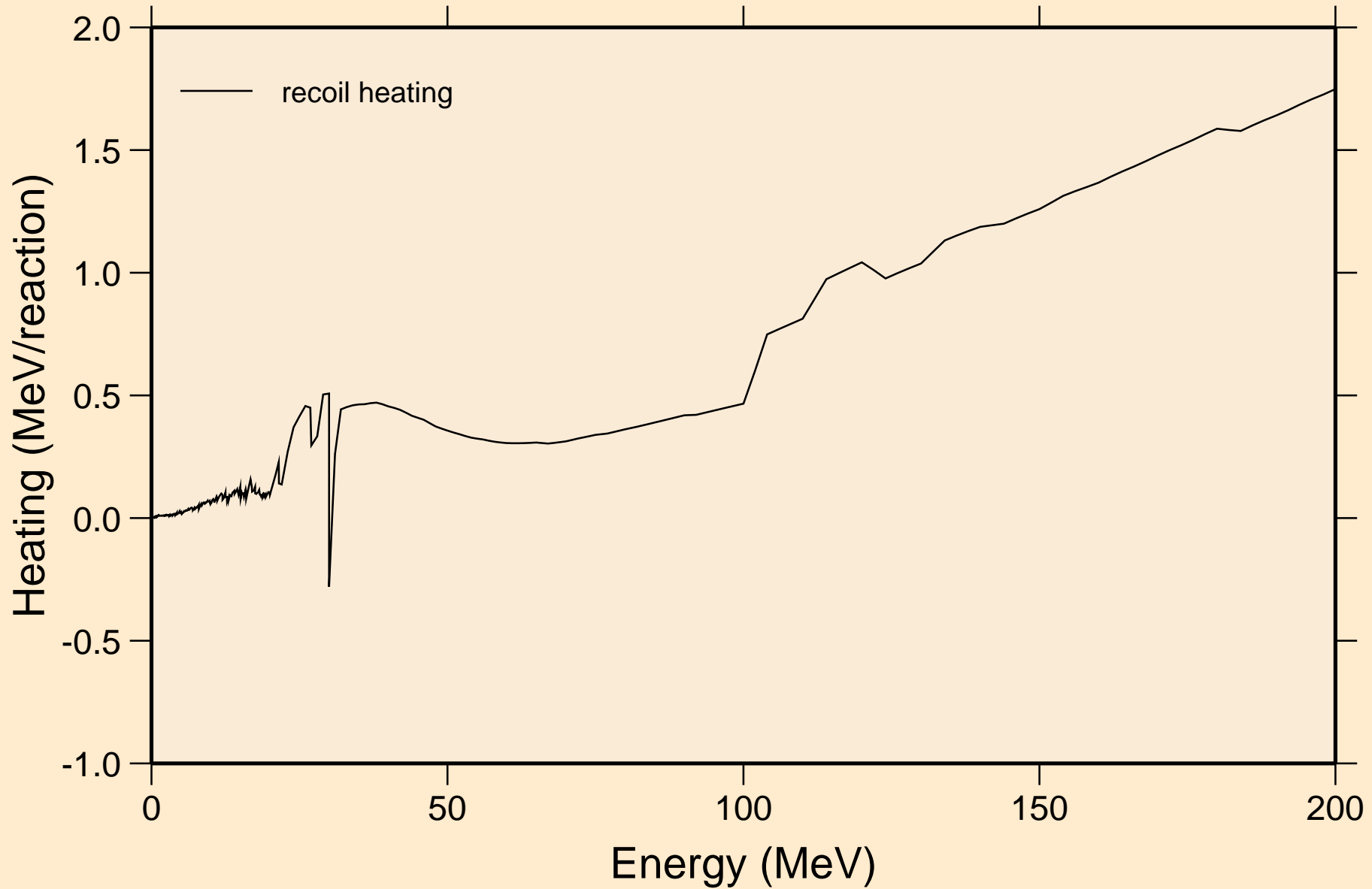


PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

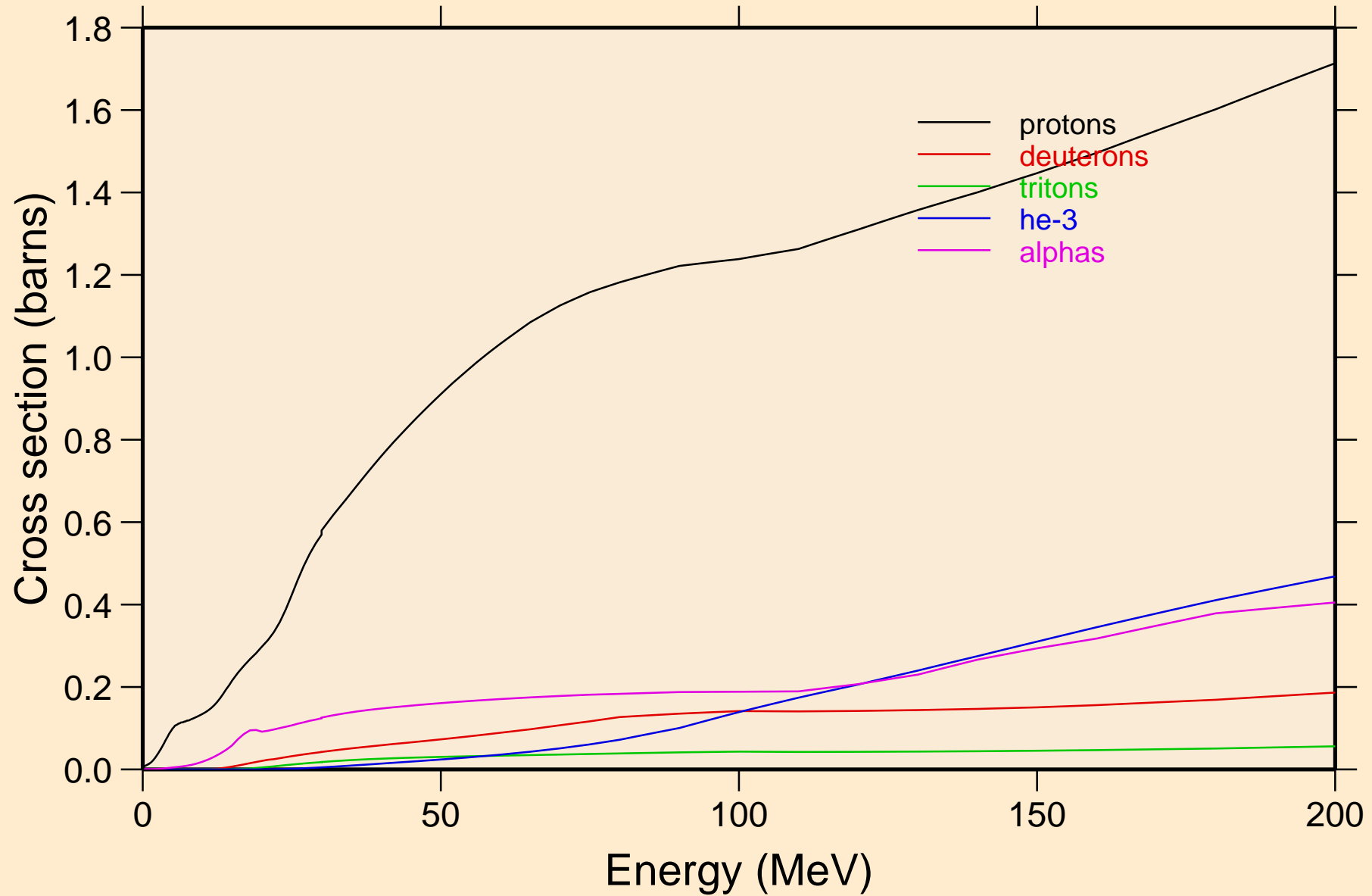
Particle heating contributions



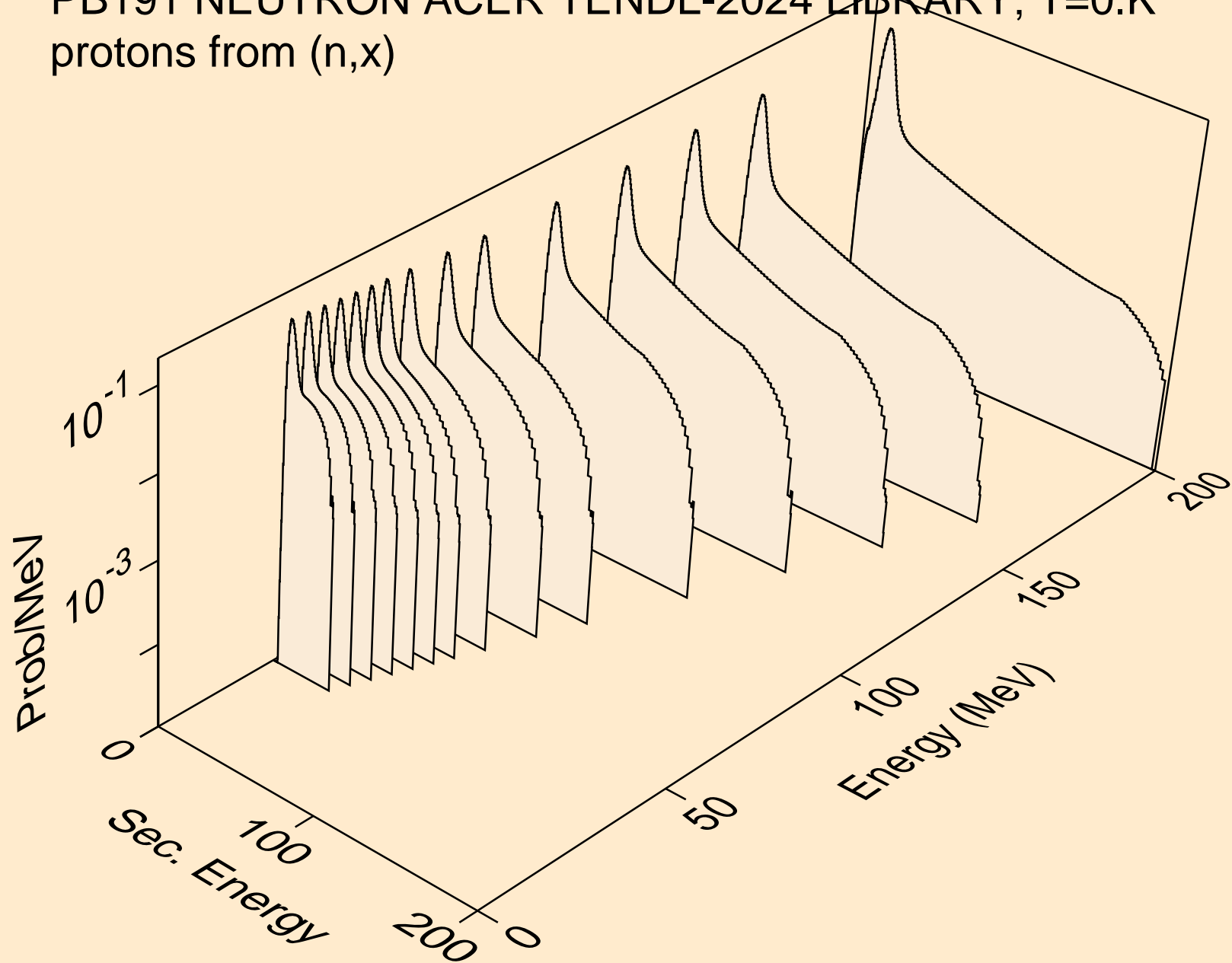
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating



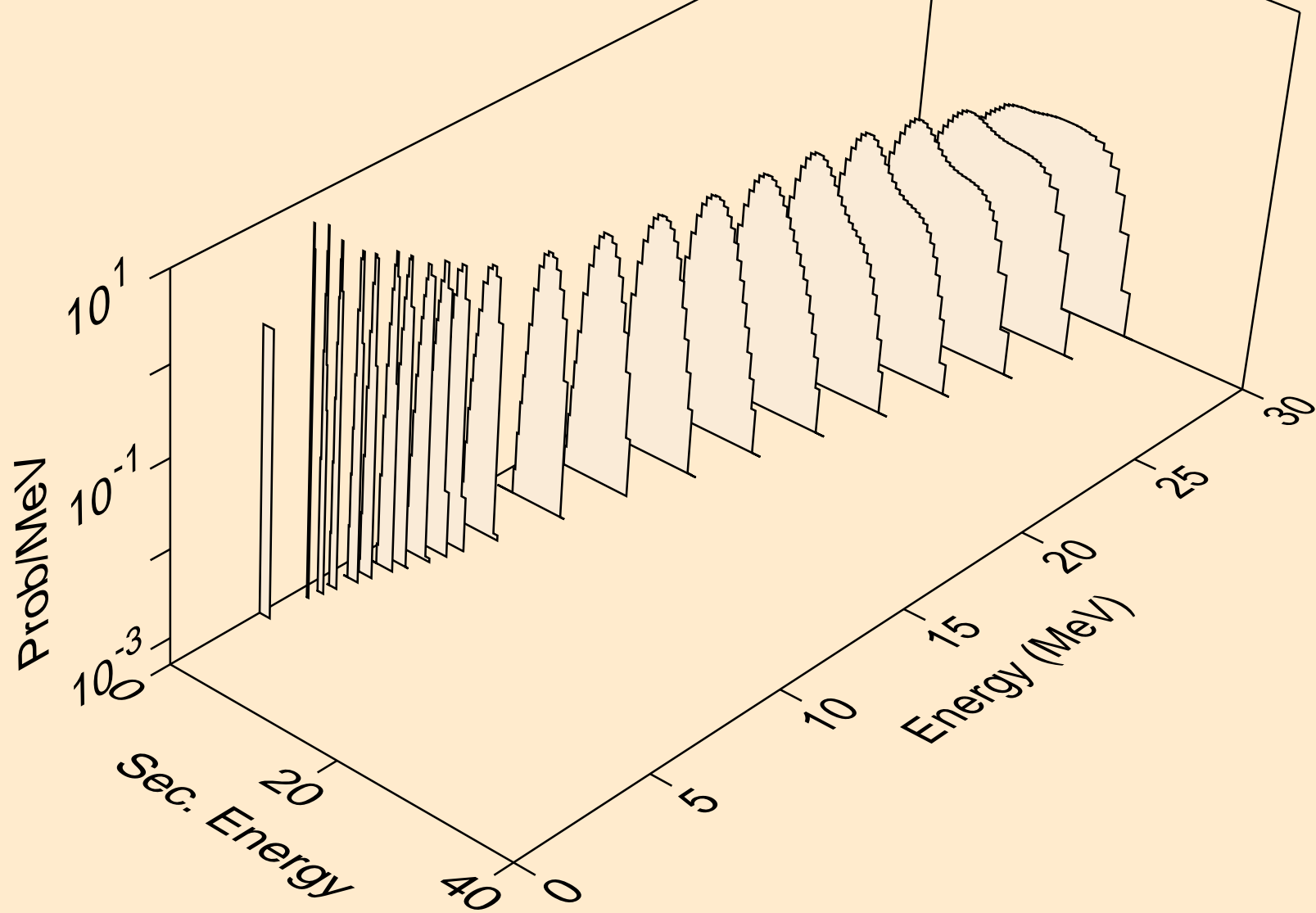
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



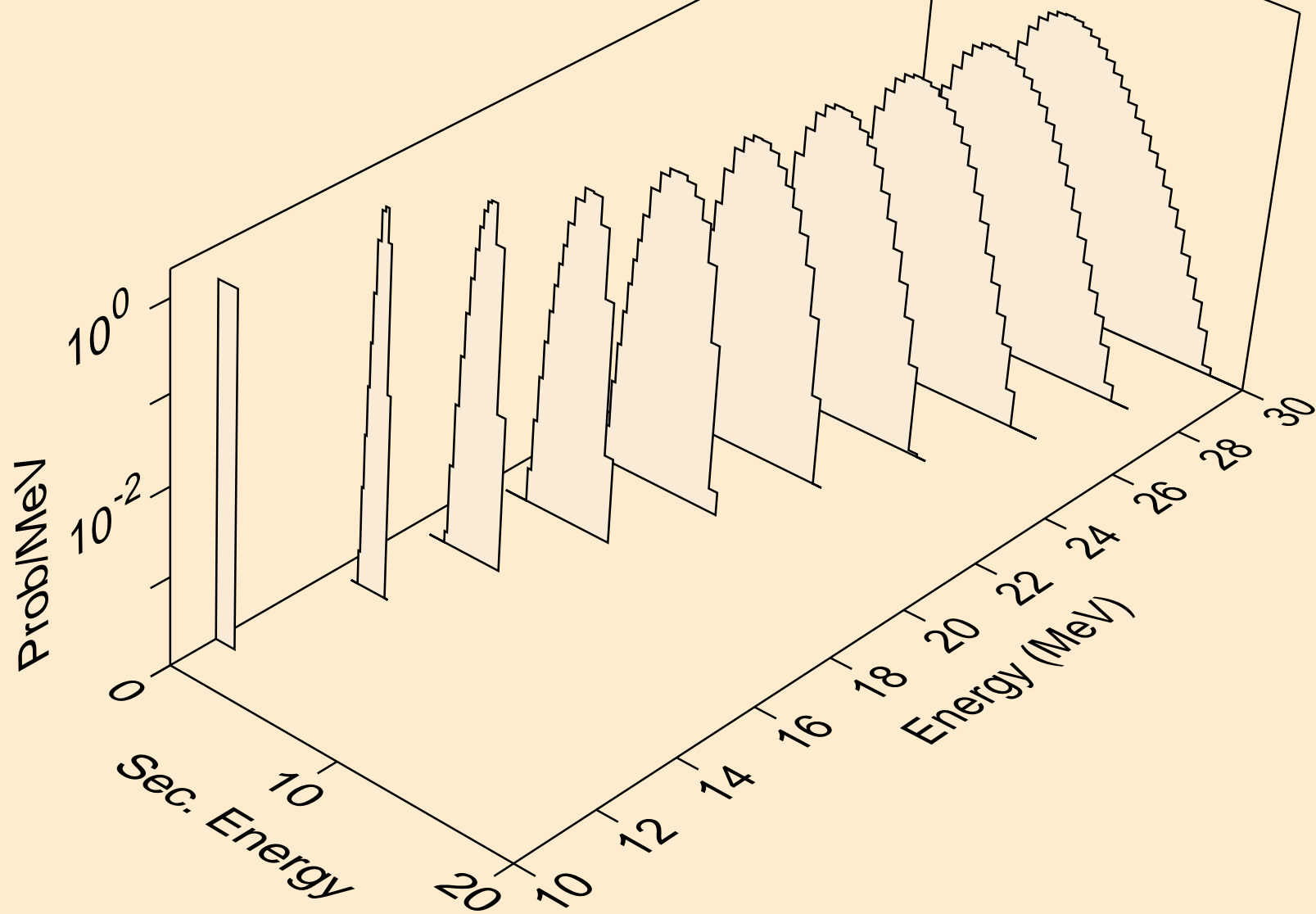
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



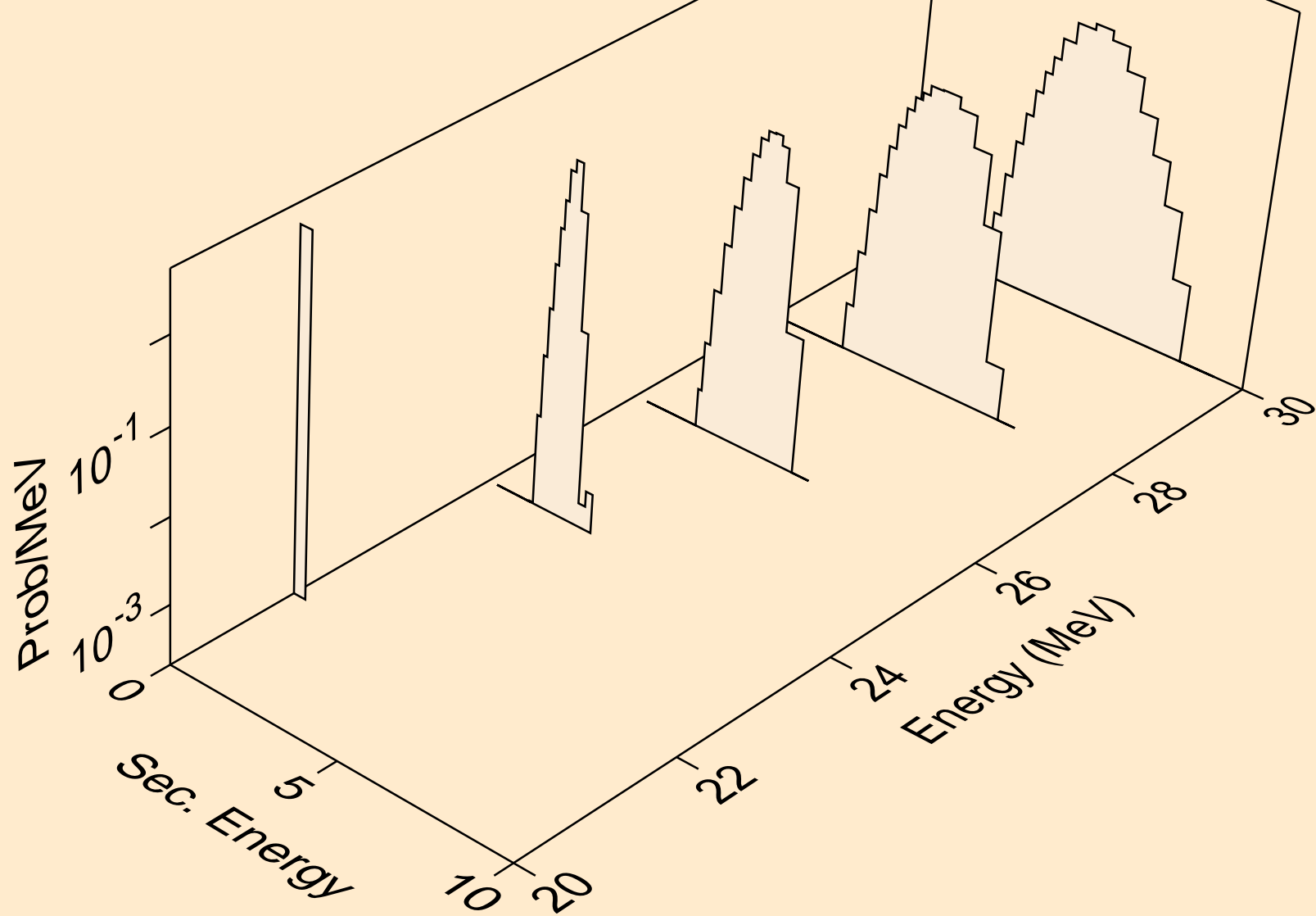
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



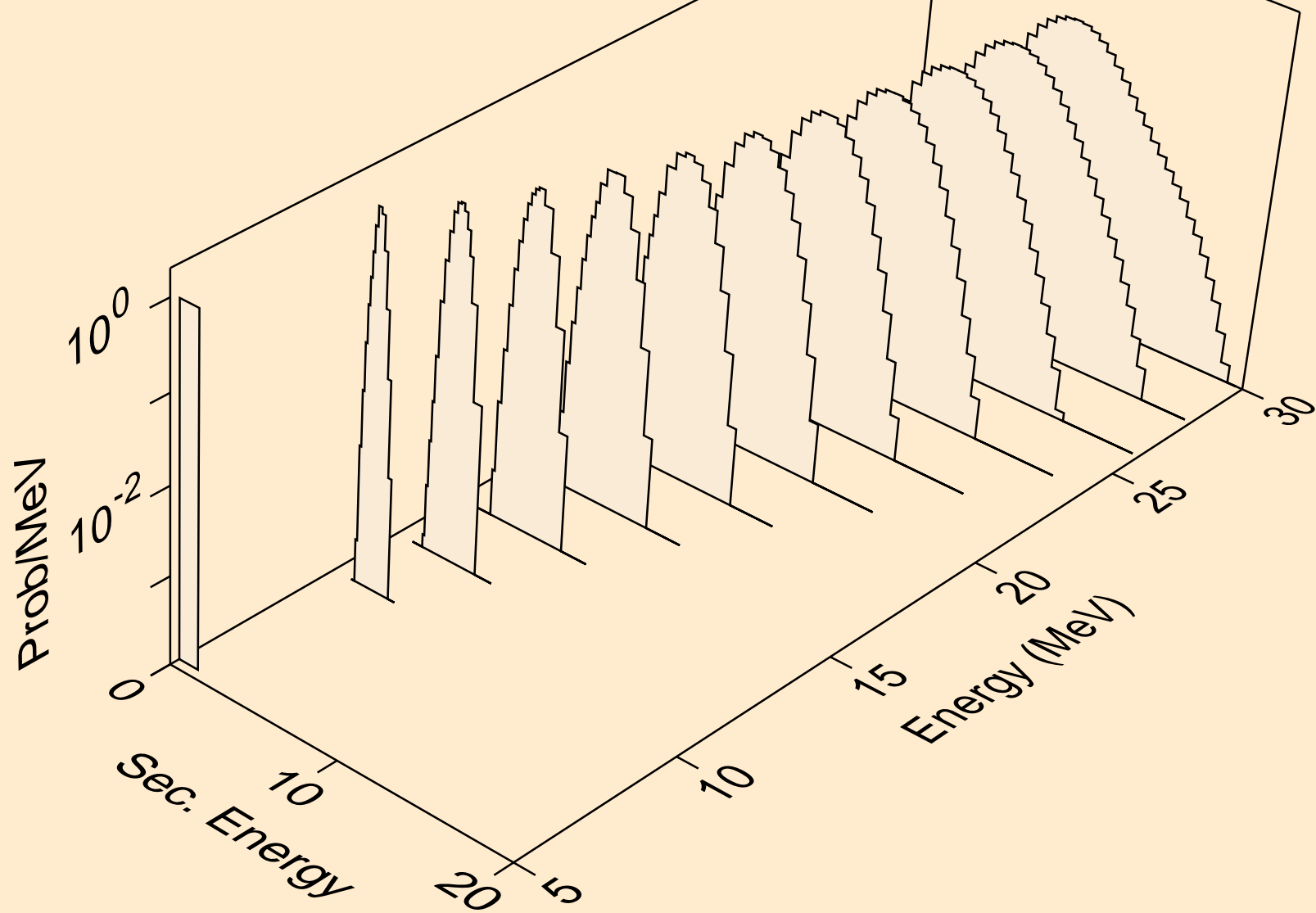
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



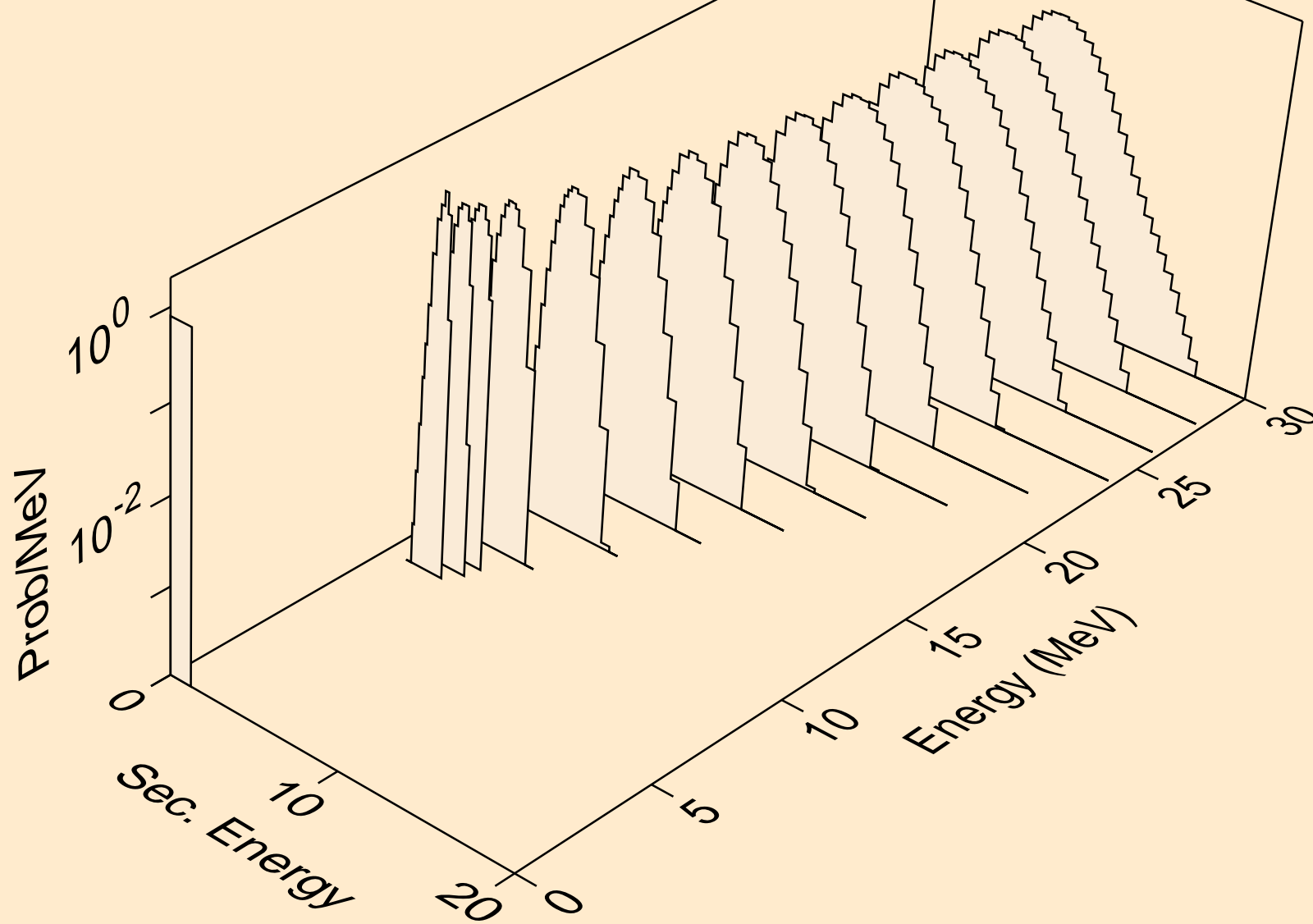
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protons from (n,3np)



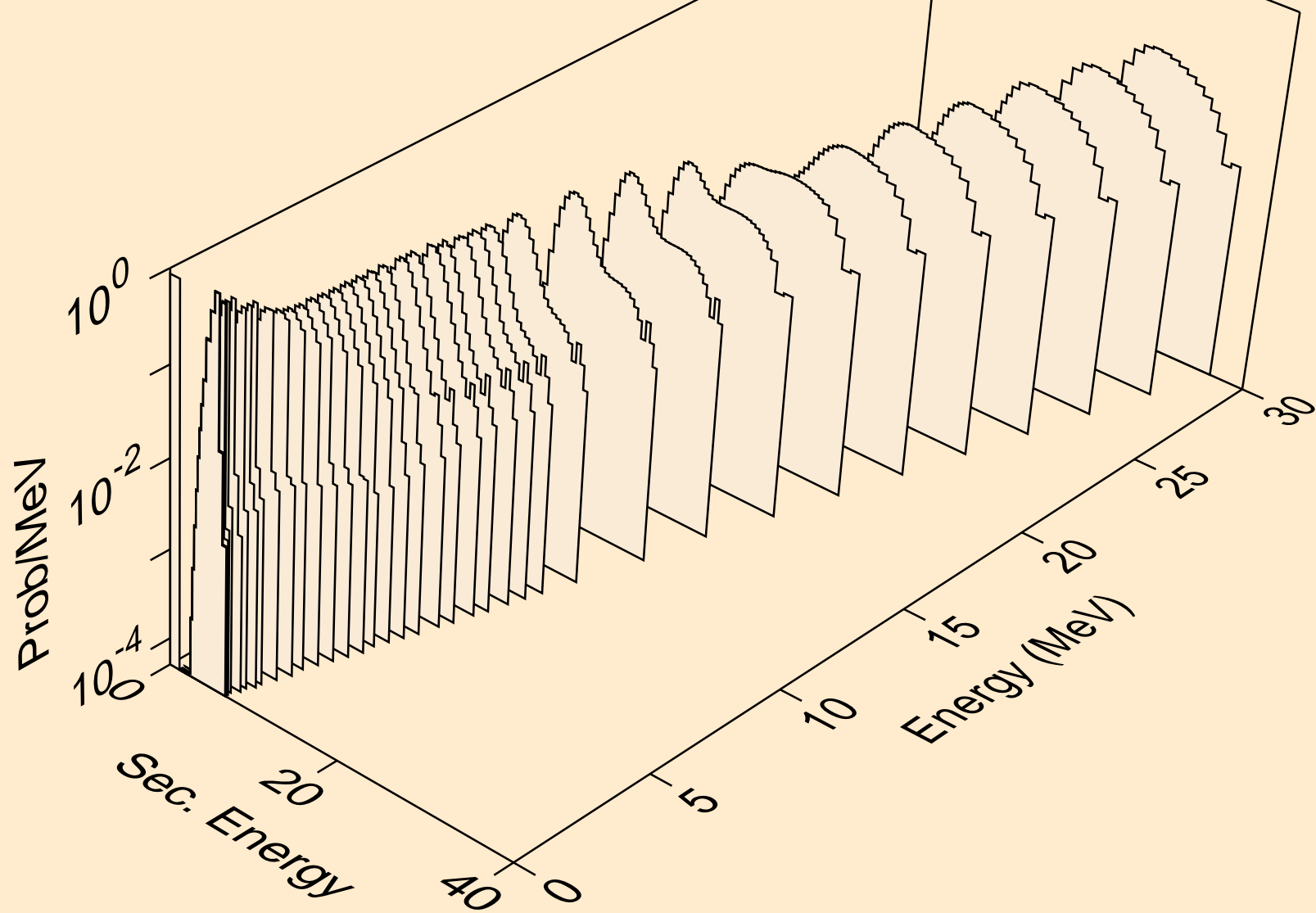
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protons from (n,n2p)



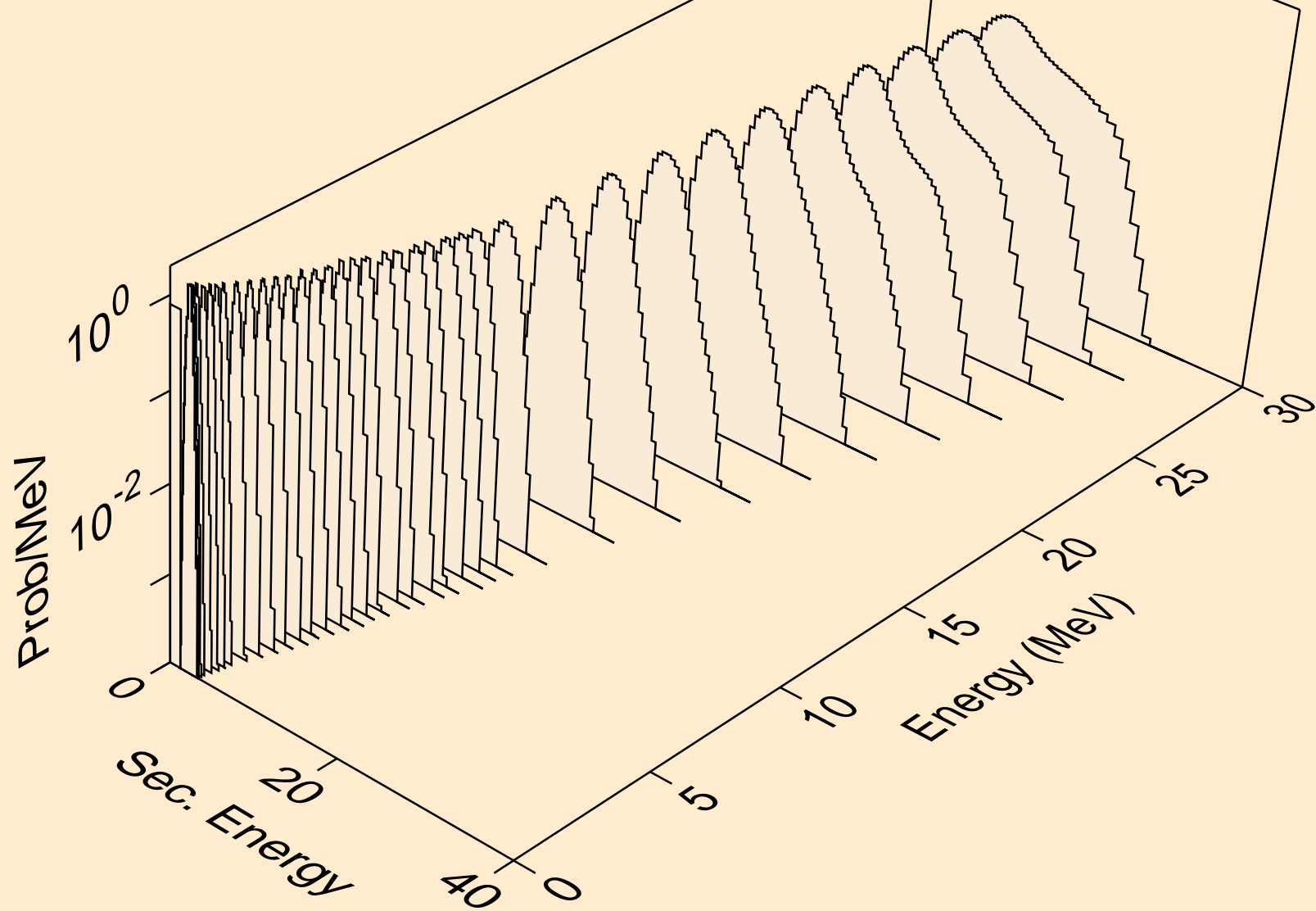
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protons from (n,npa)



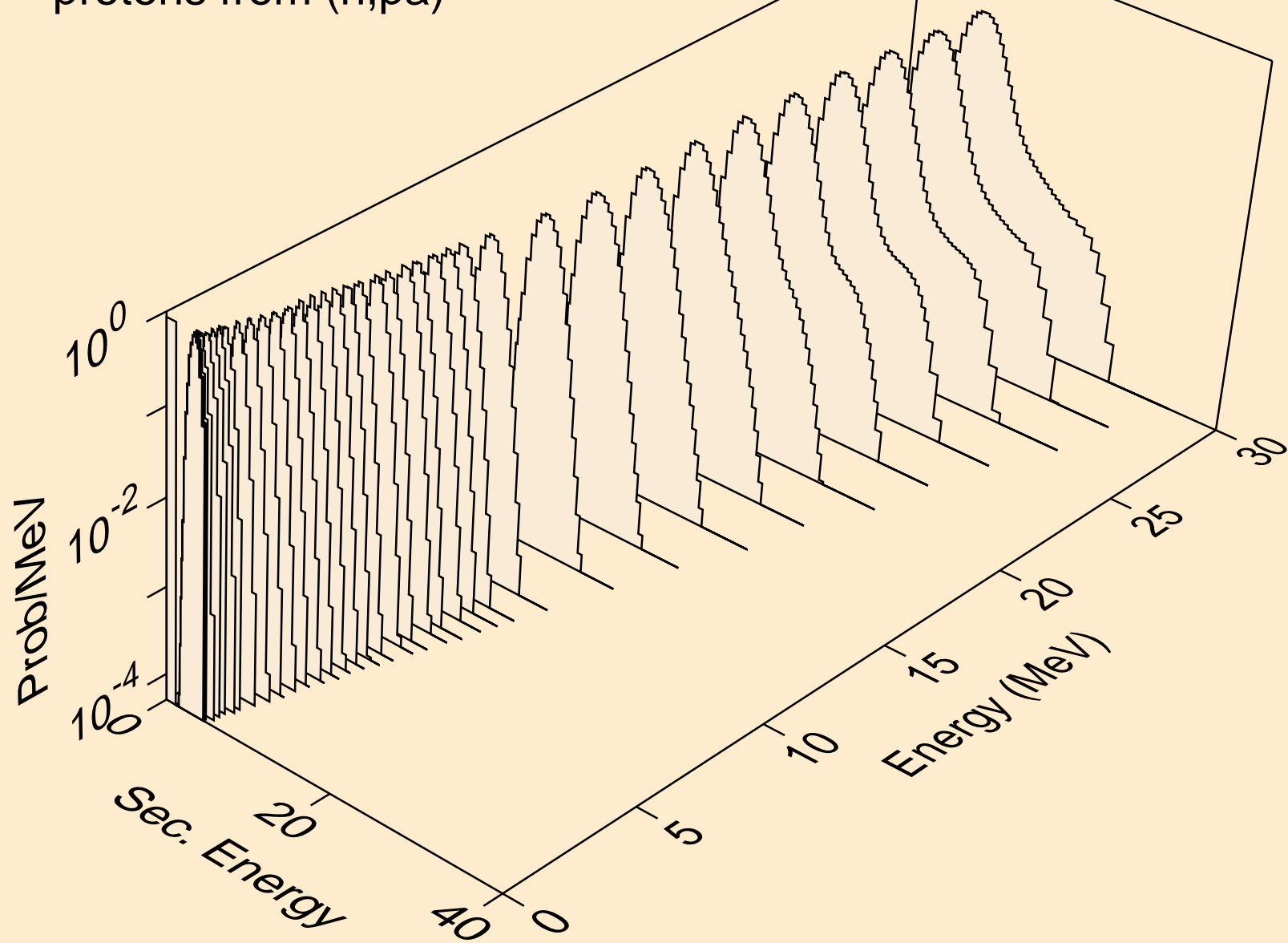
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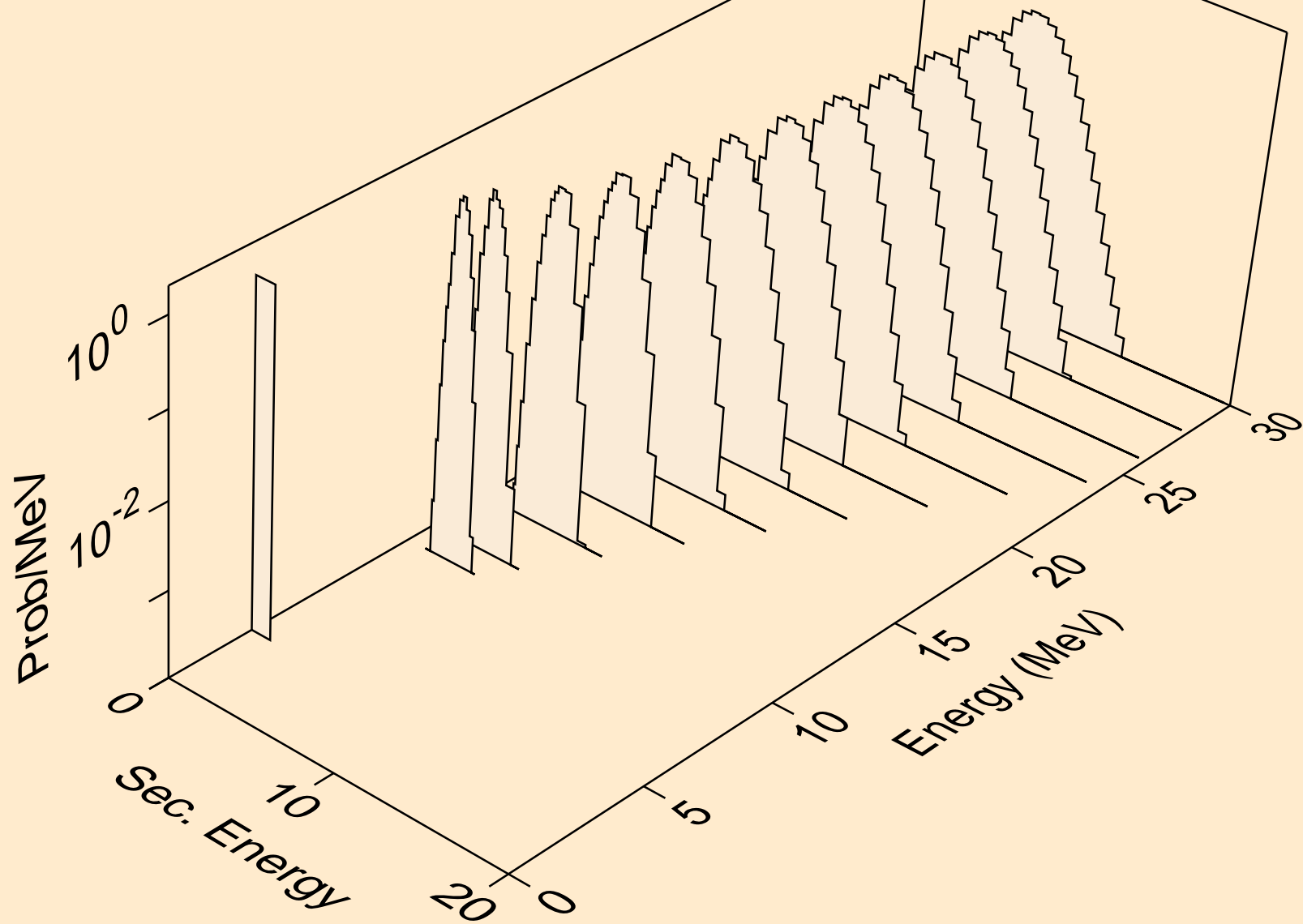
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protons from (n,2p)



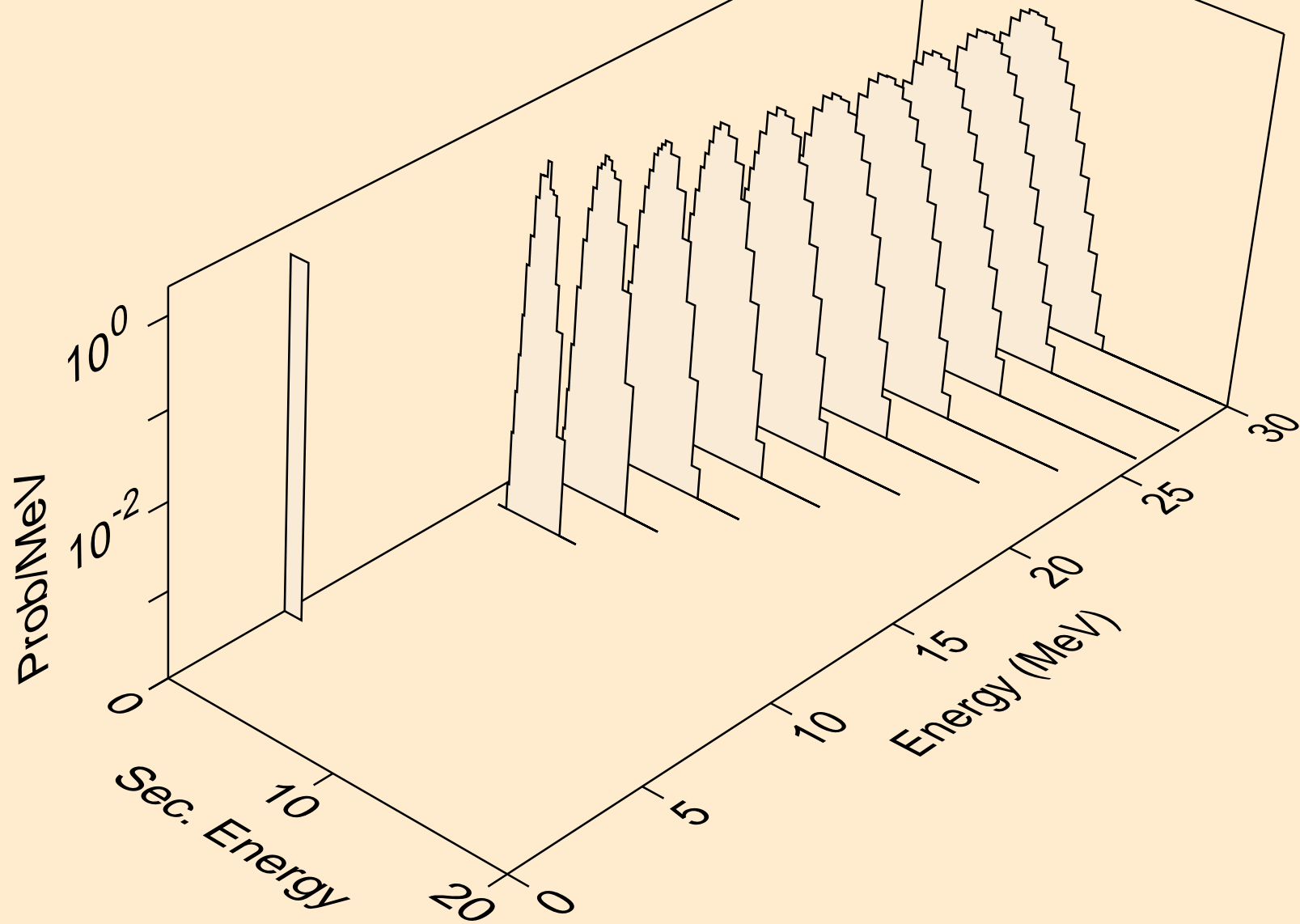
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protons from (n,p)



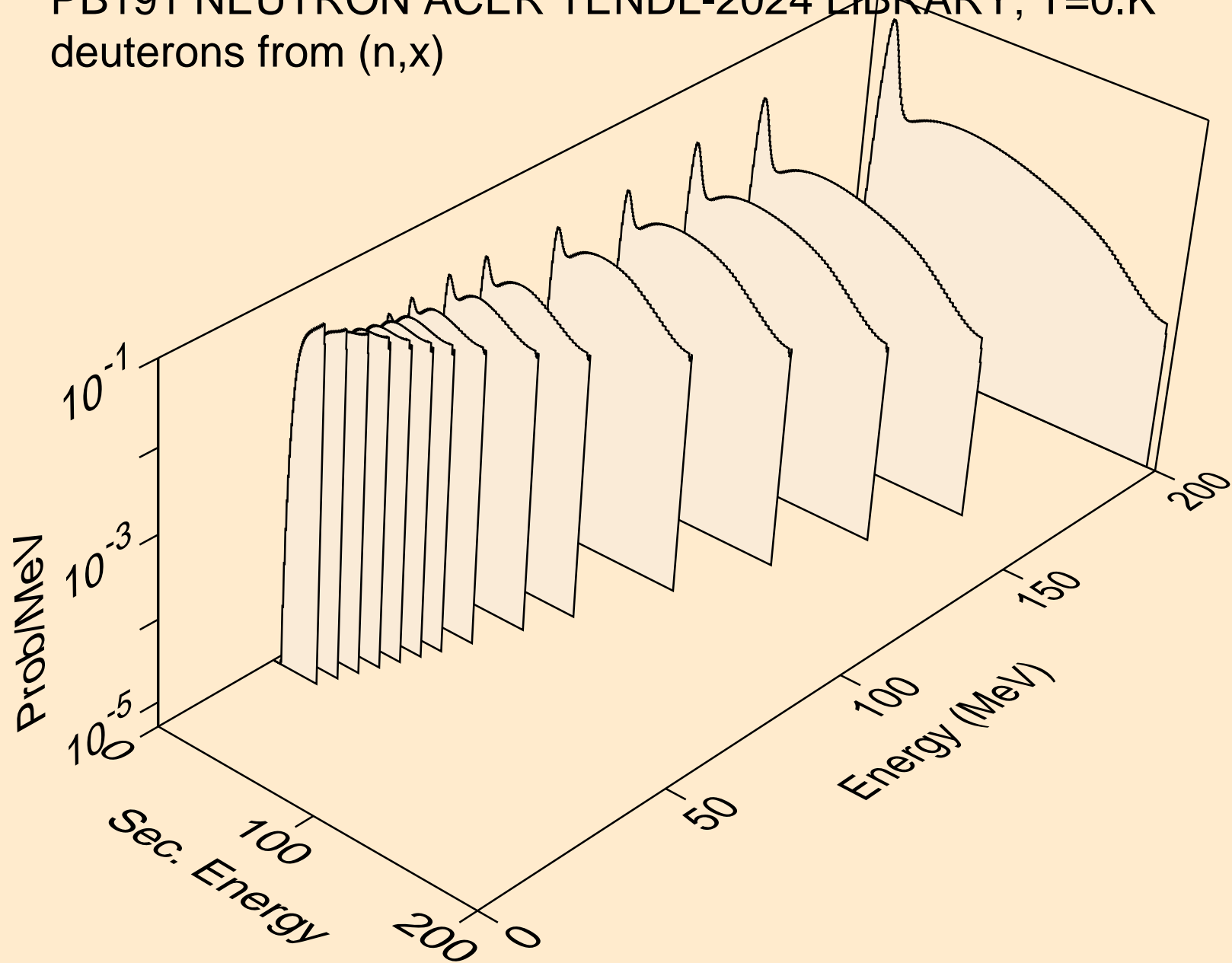
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protons from (n,pd)



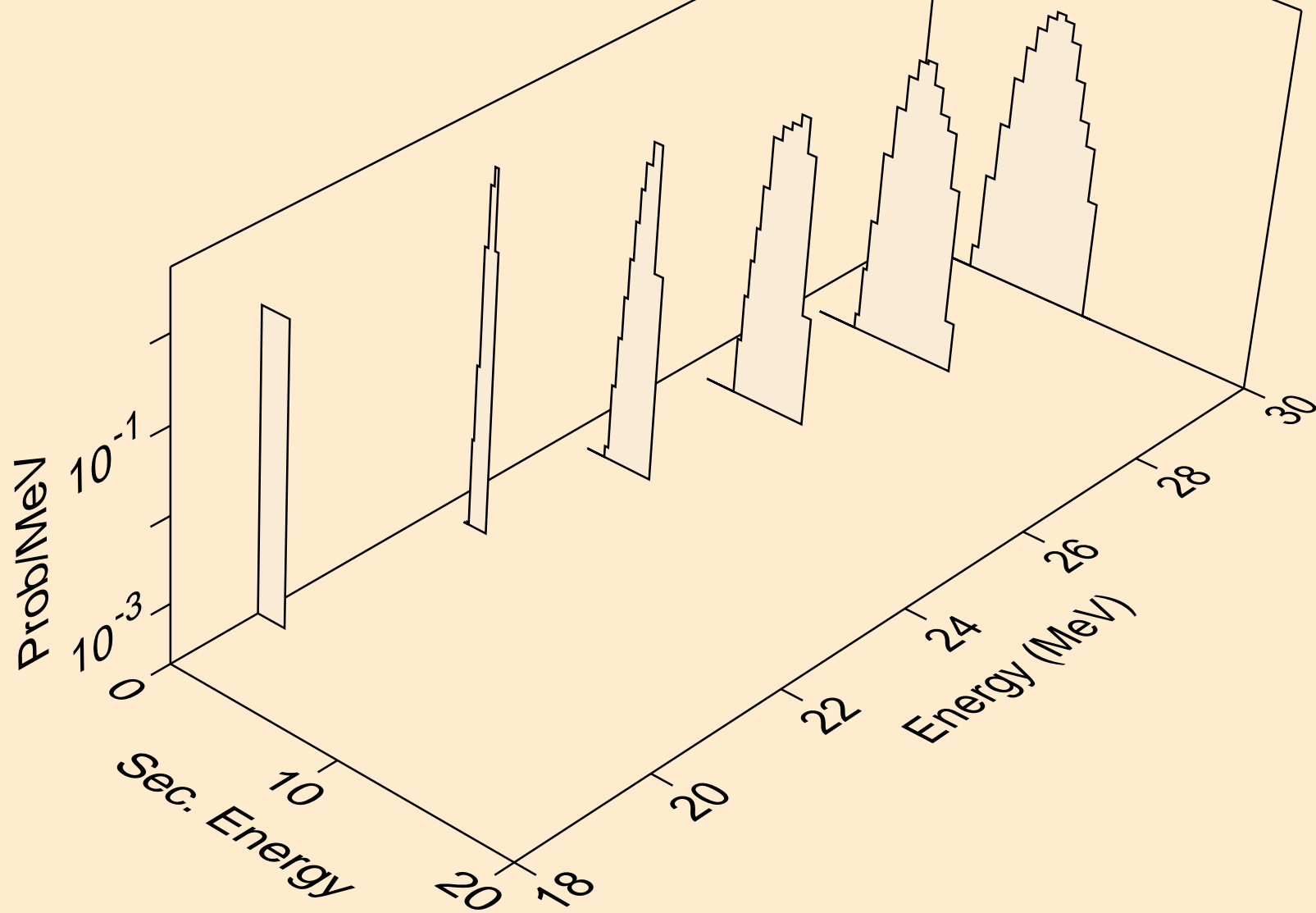
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protons from (n,pt)



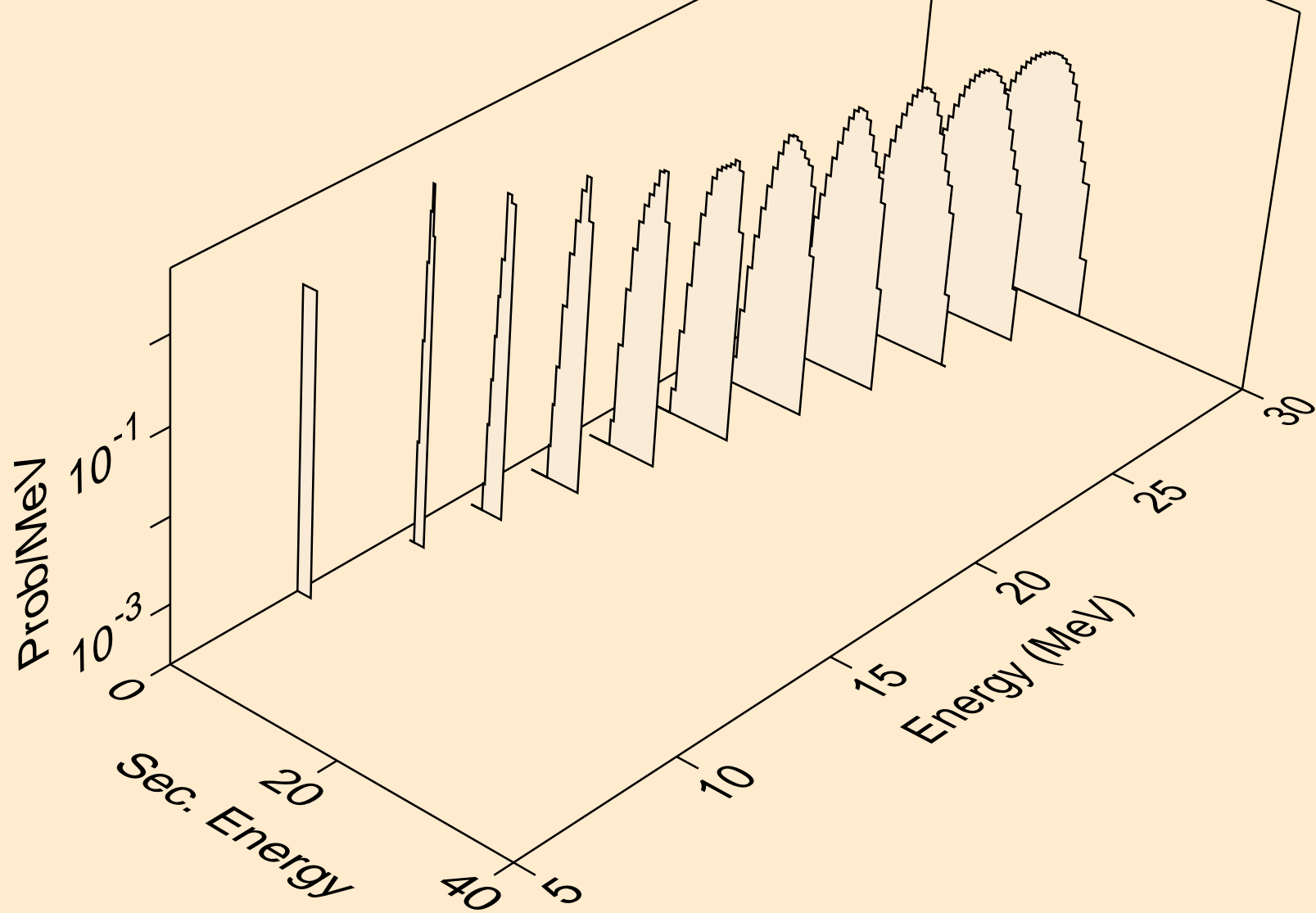
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deuterons from (n,x)



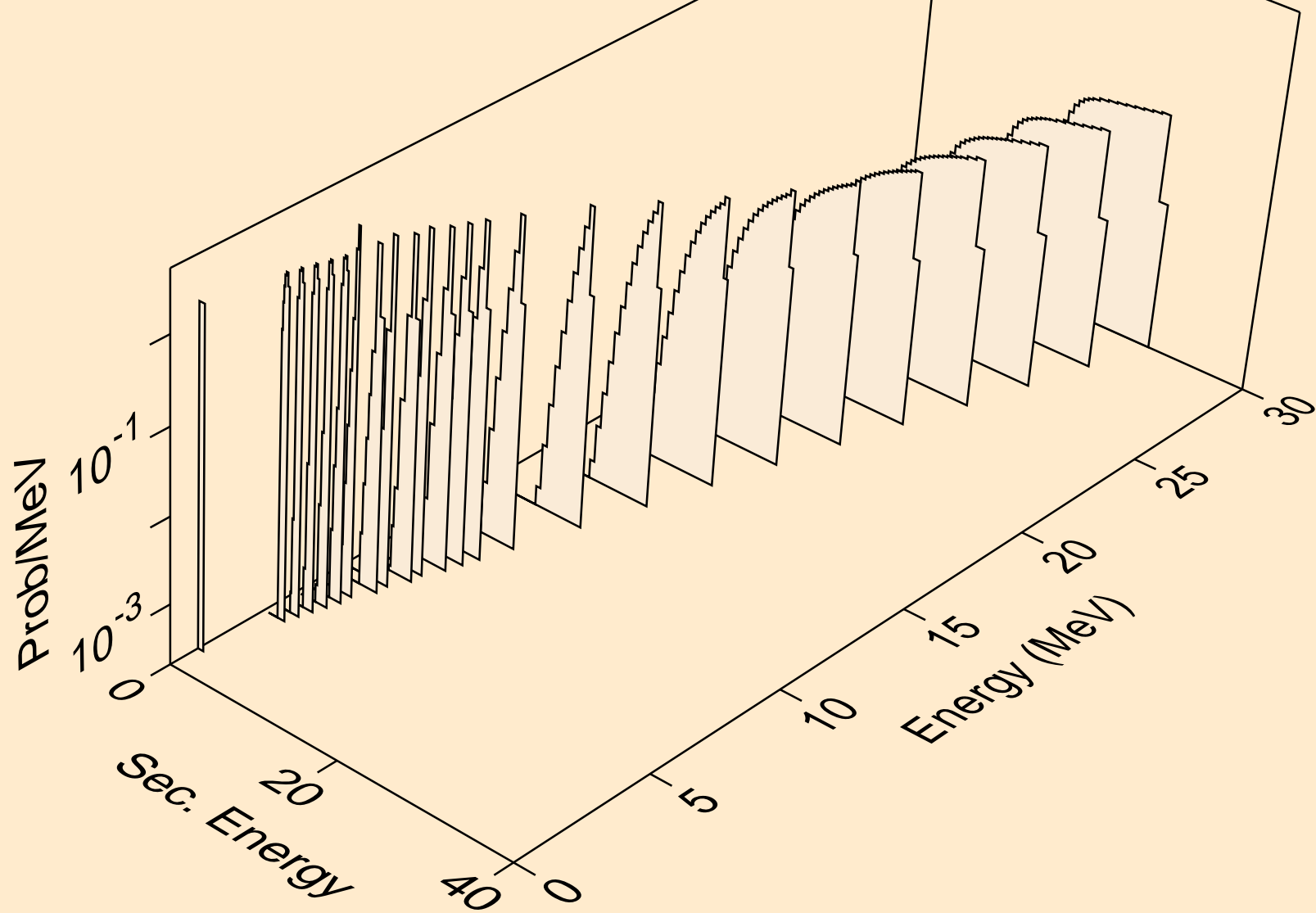
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deuterons from (n,2nd)



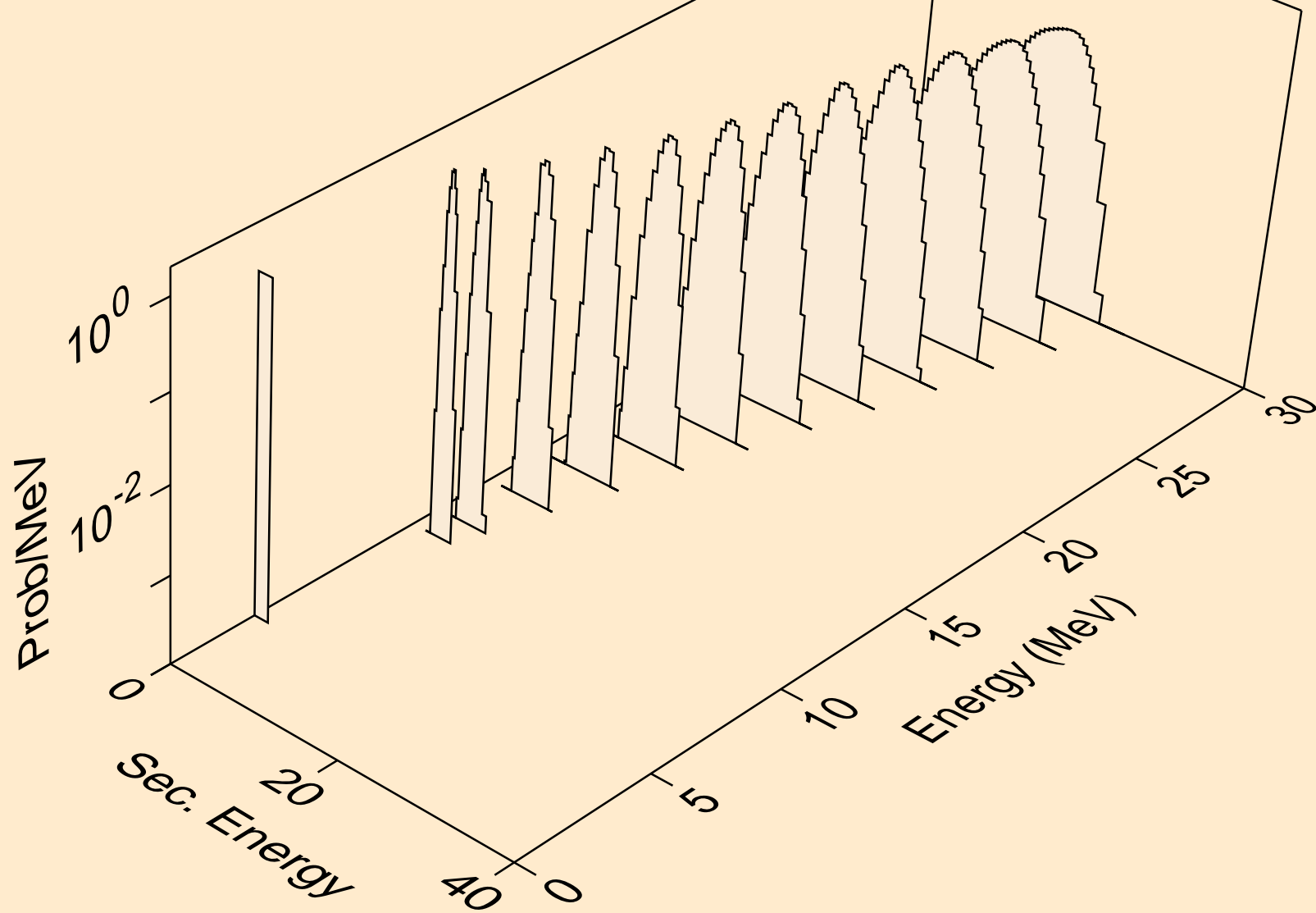
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



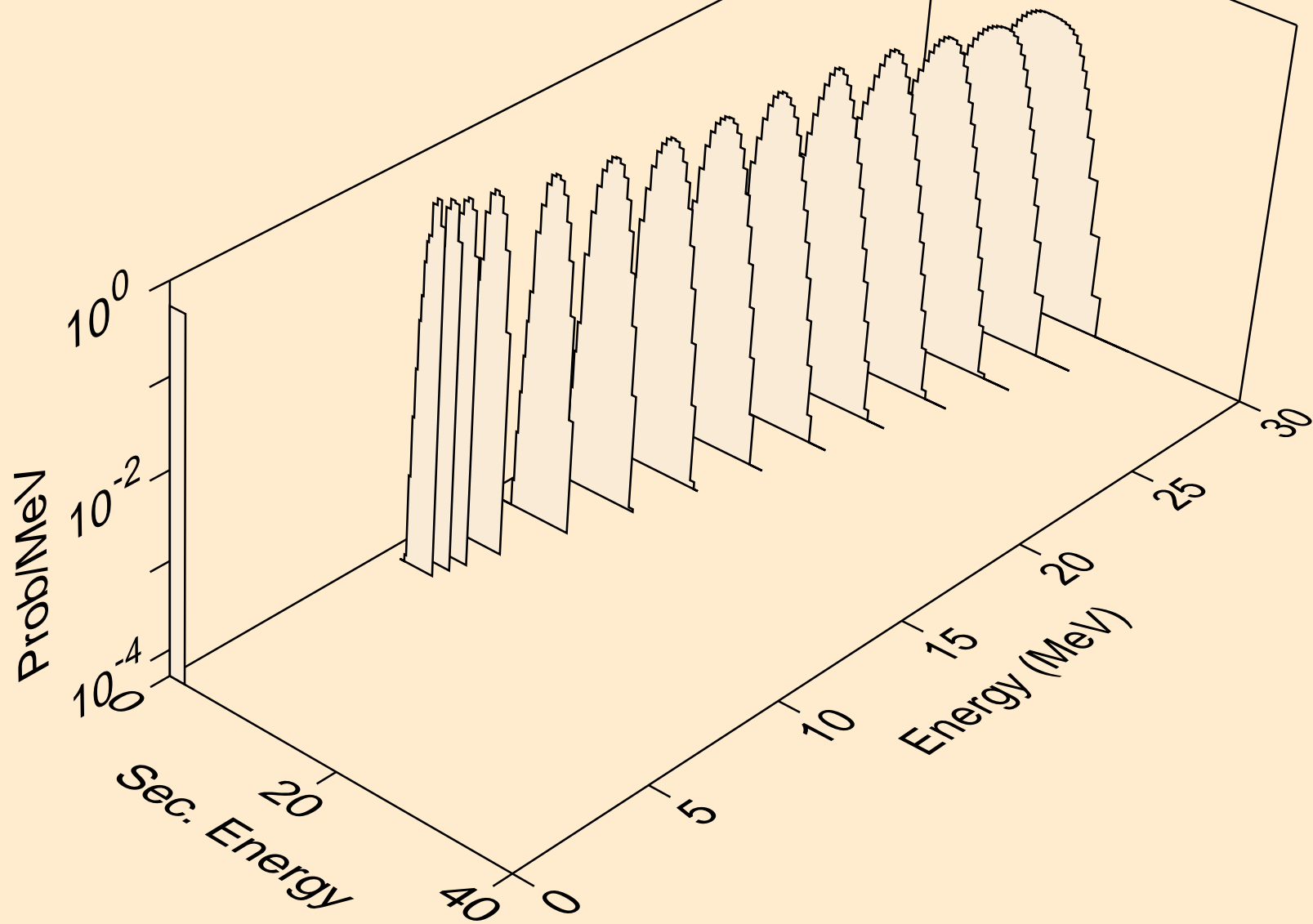
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deuterons from (n,d)



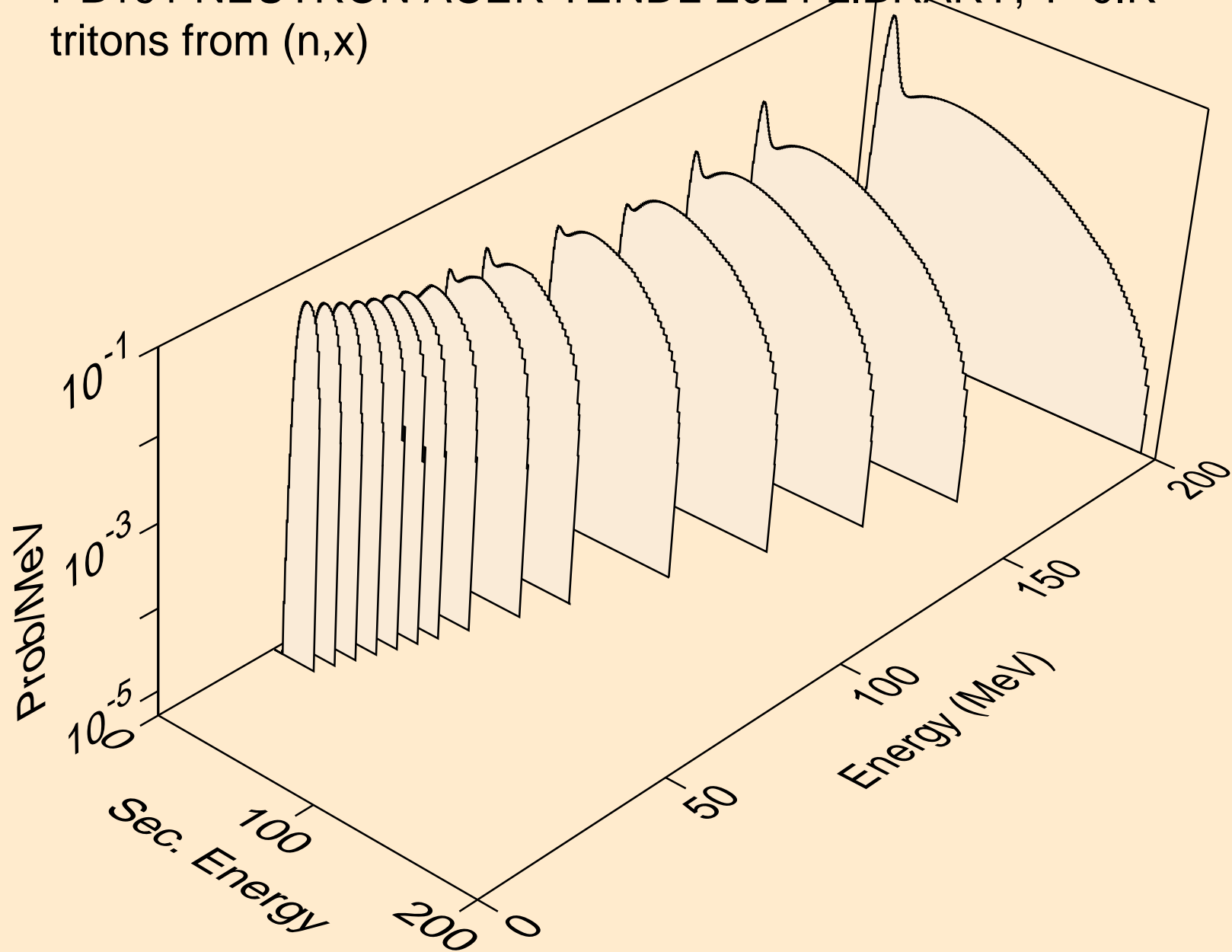
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deuterons from (n,pd)



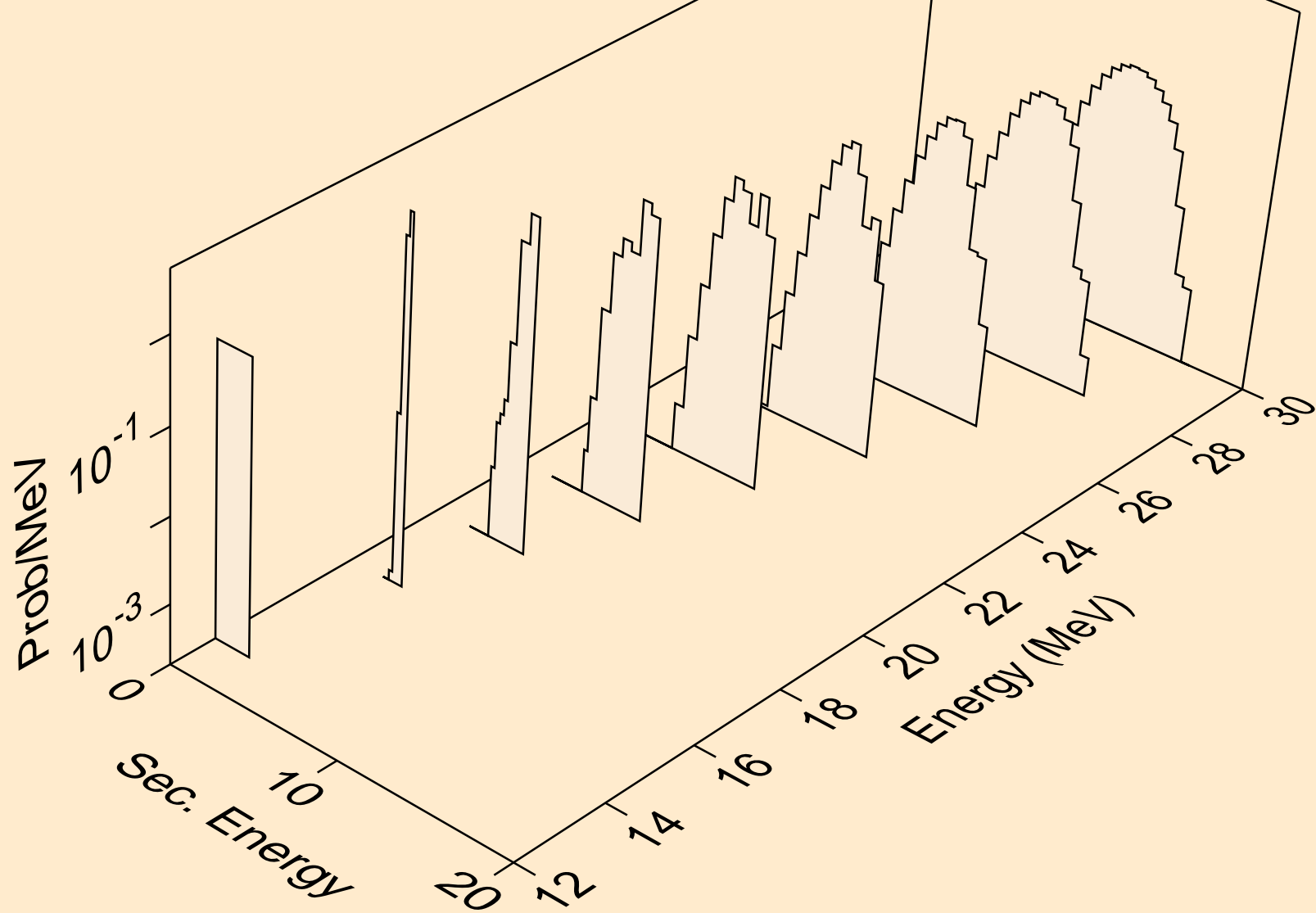
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deuterons from (n,da)



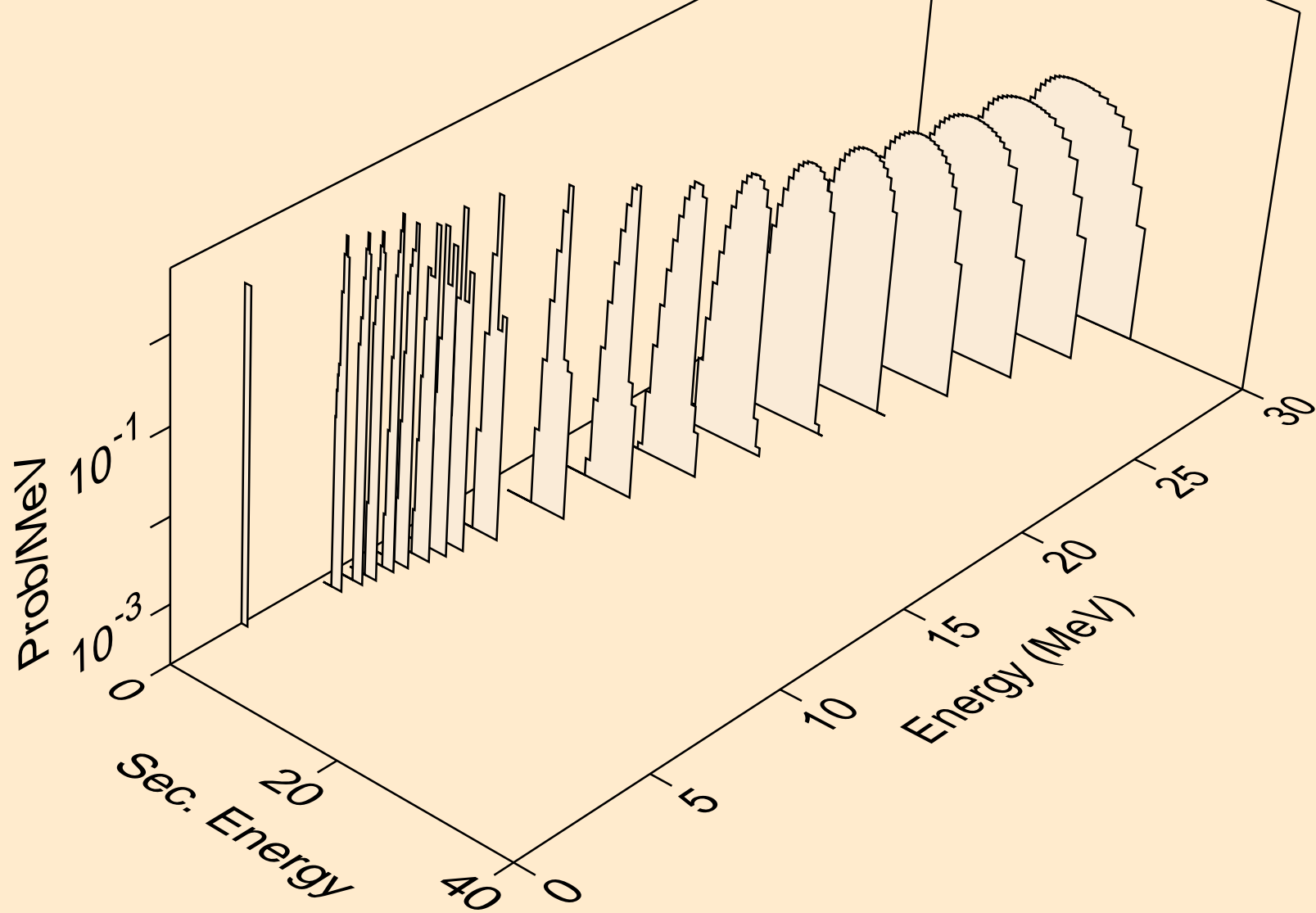
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tritons from (n,x)



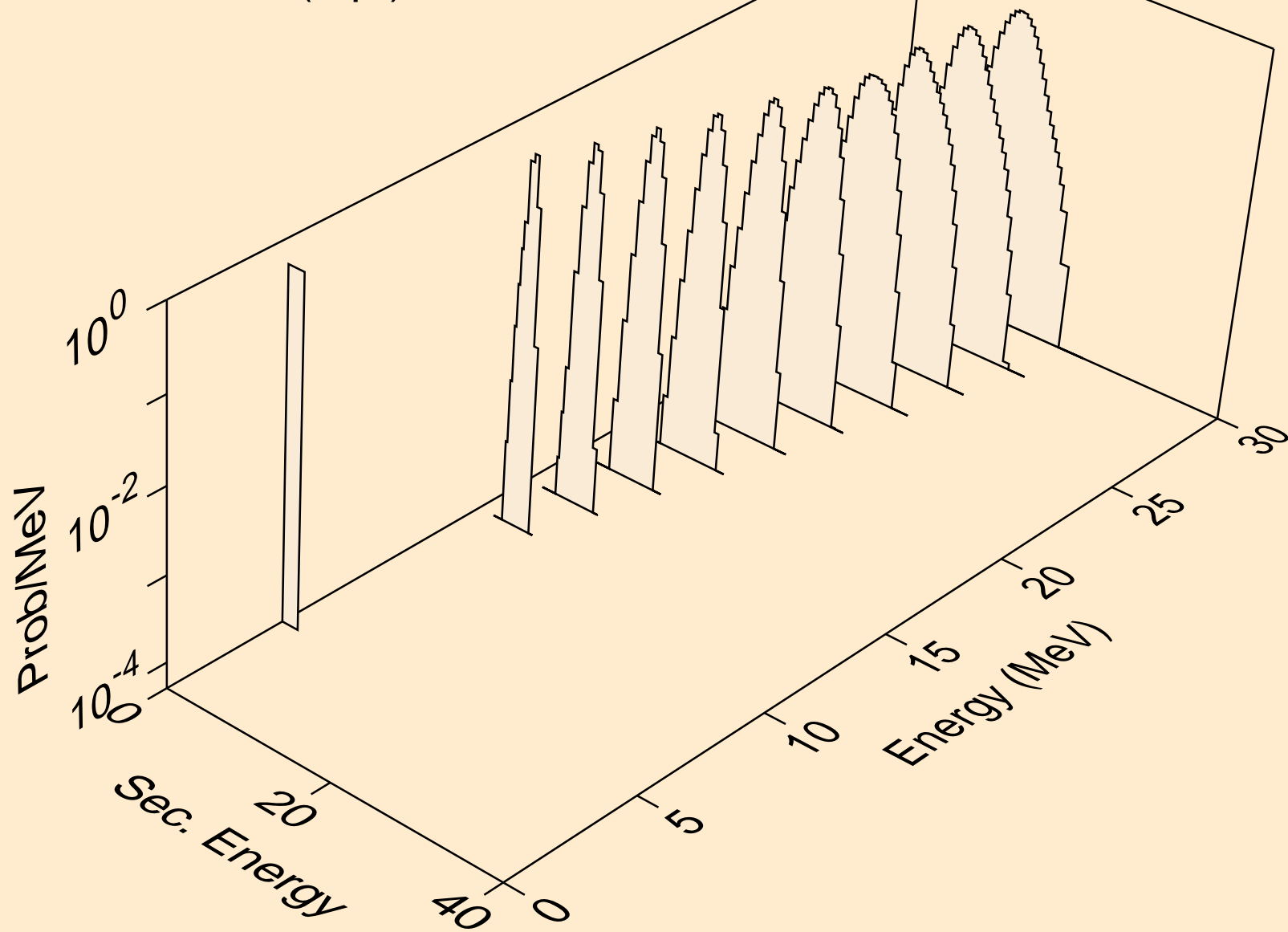
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



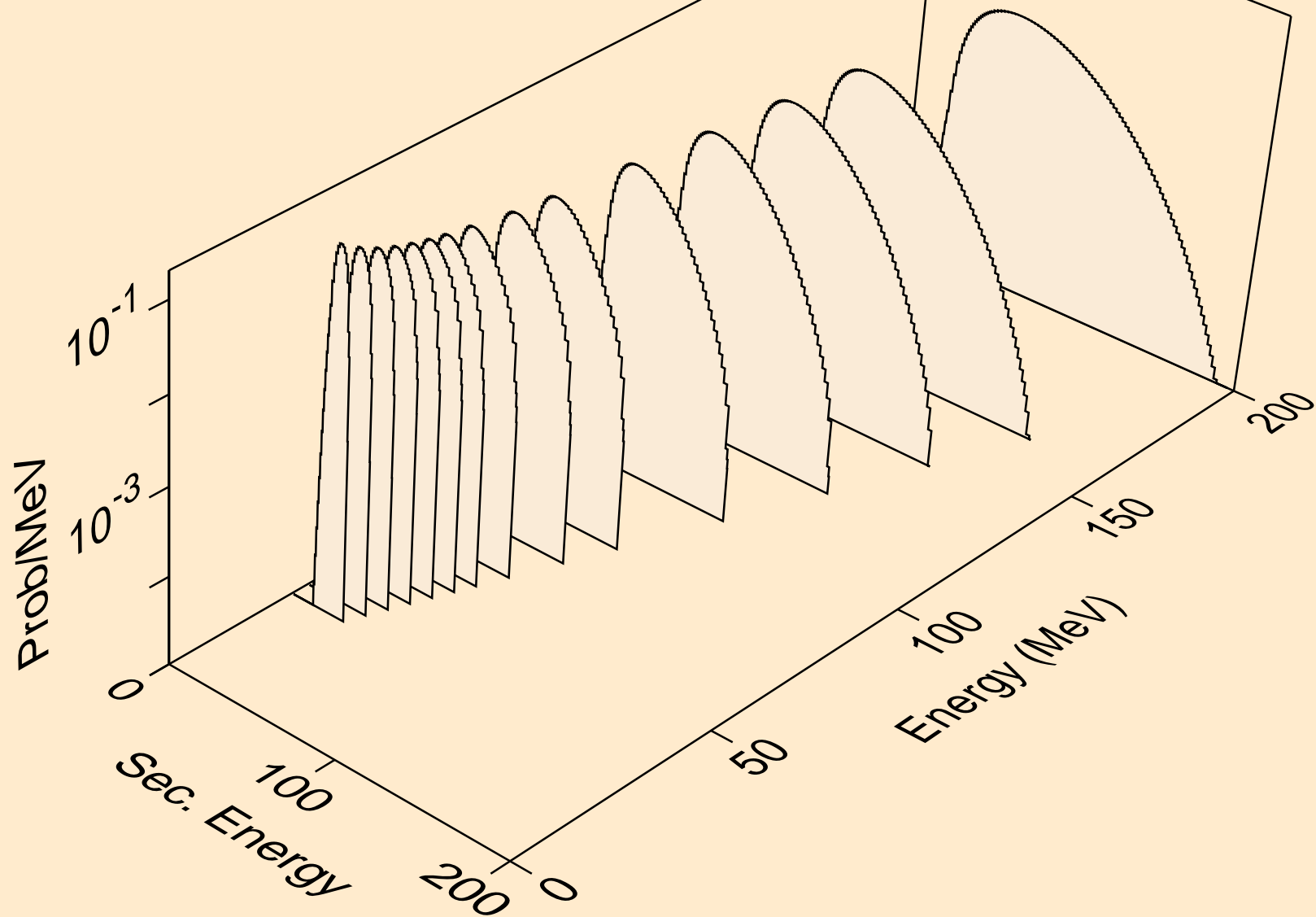
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tritons from (n,t)



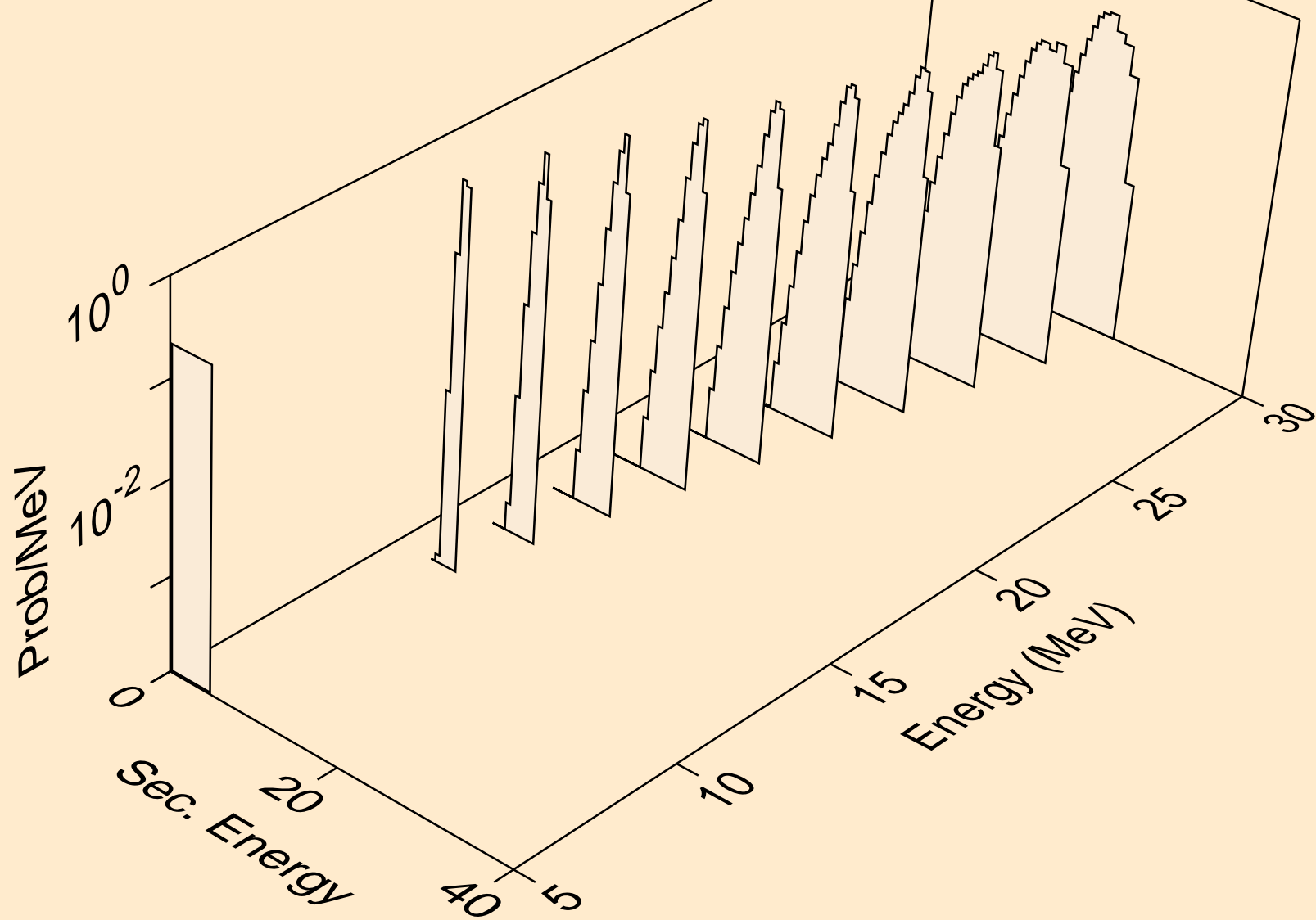
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tritons from (n,pt)



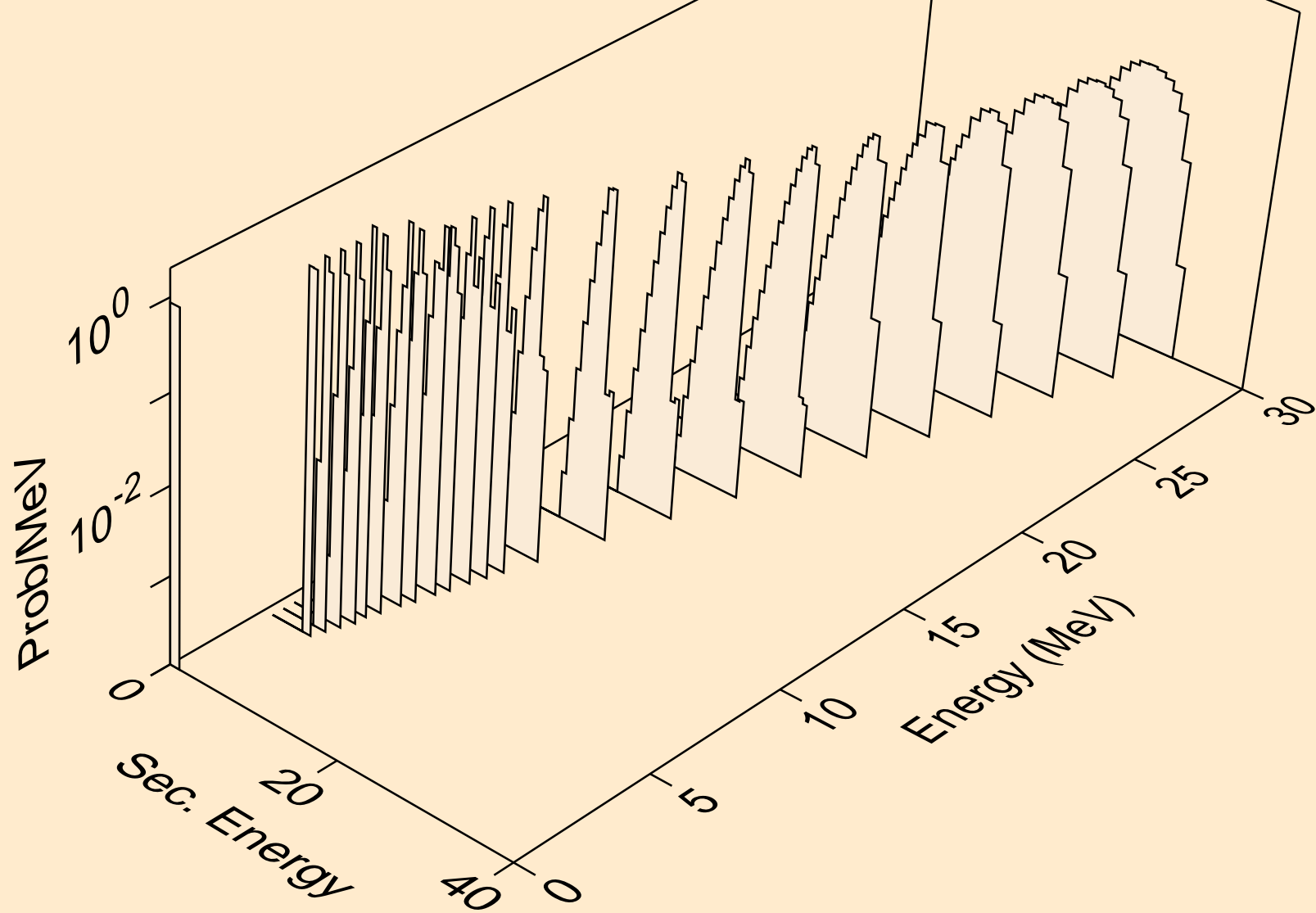
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



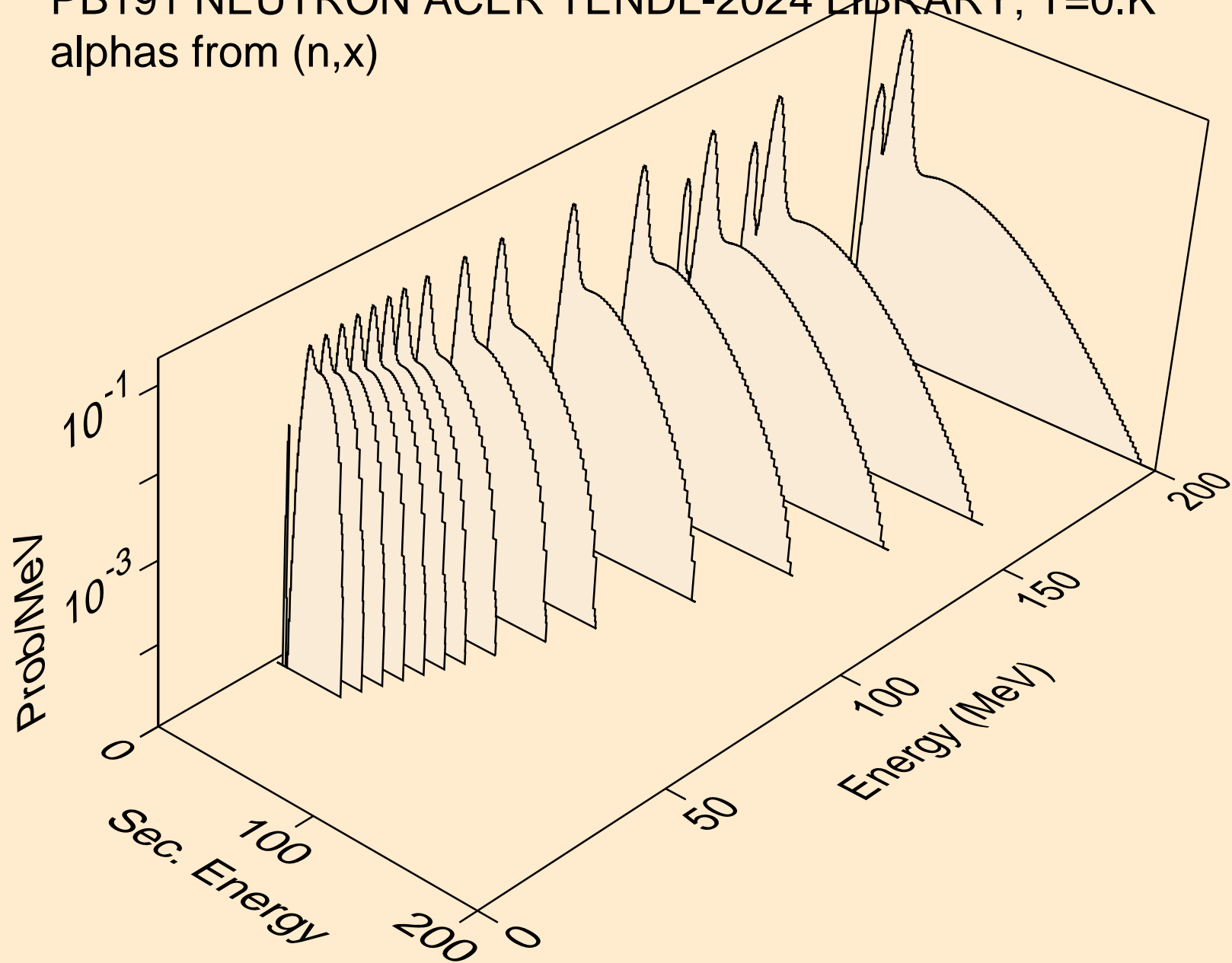
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



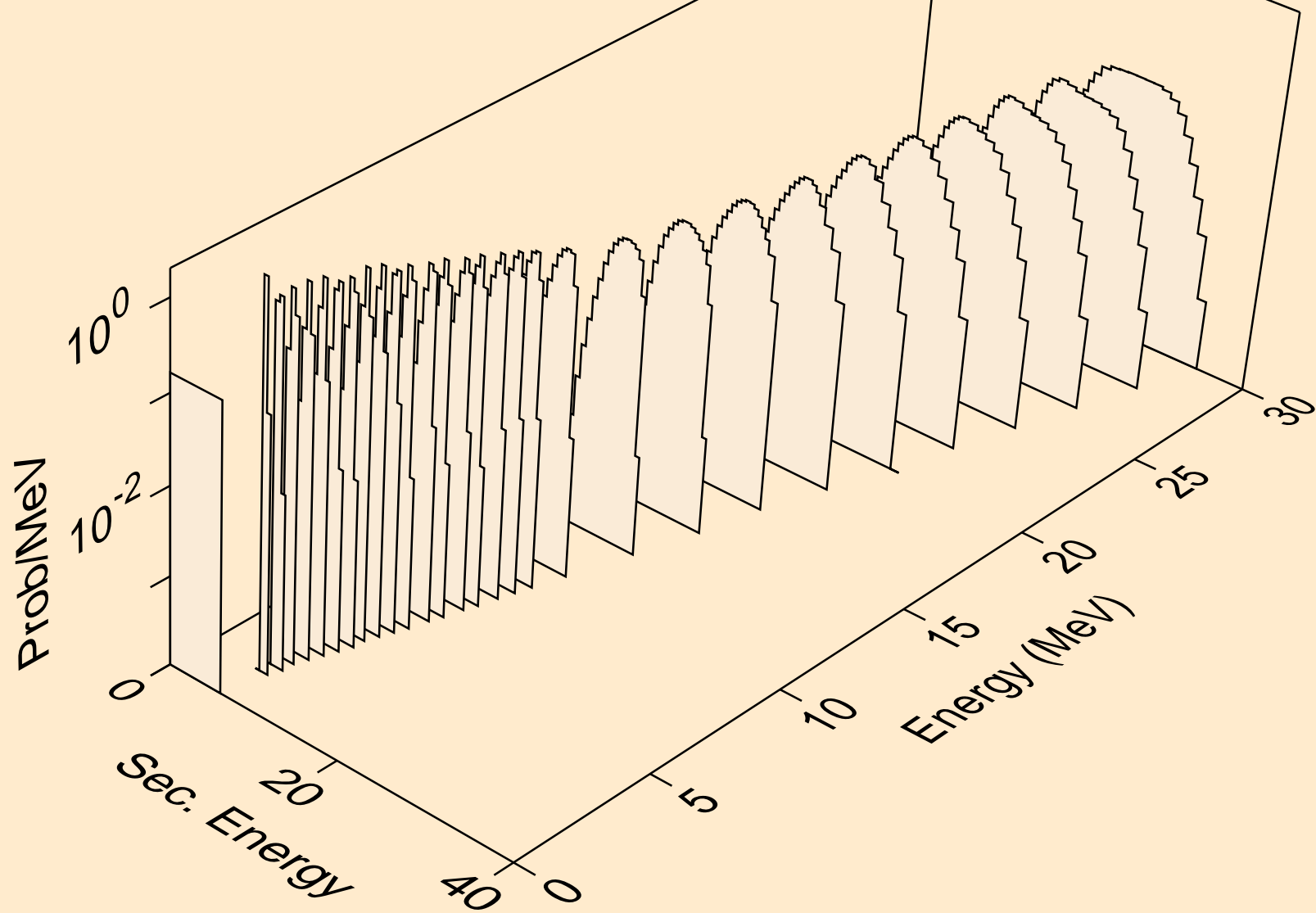
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



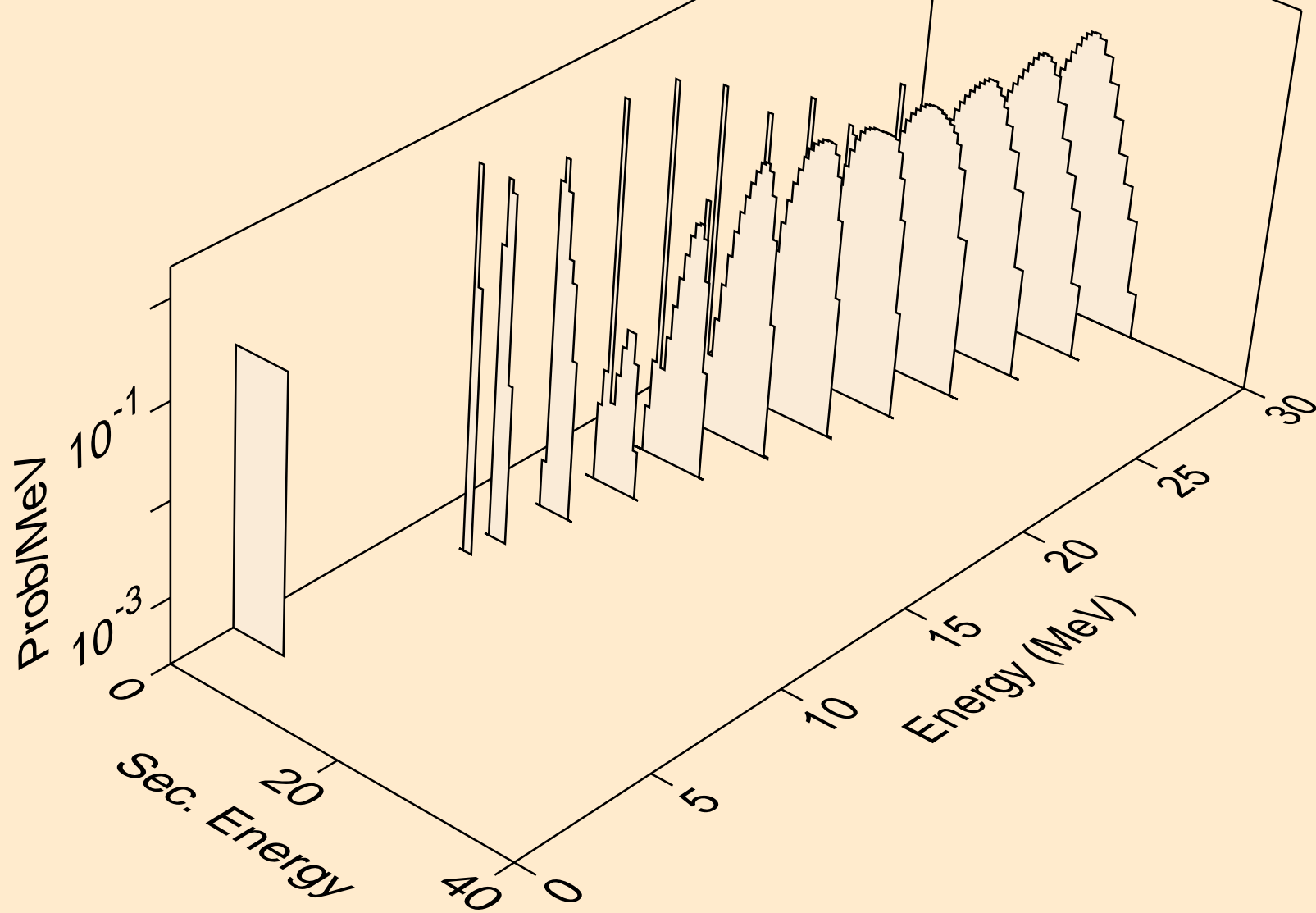
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



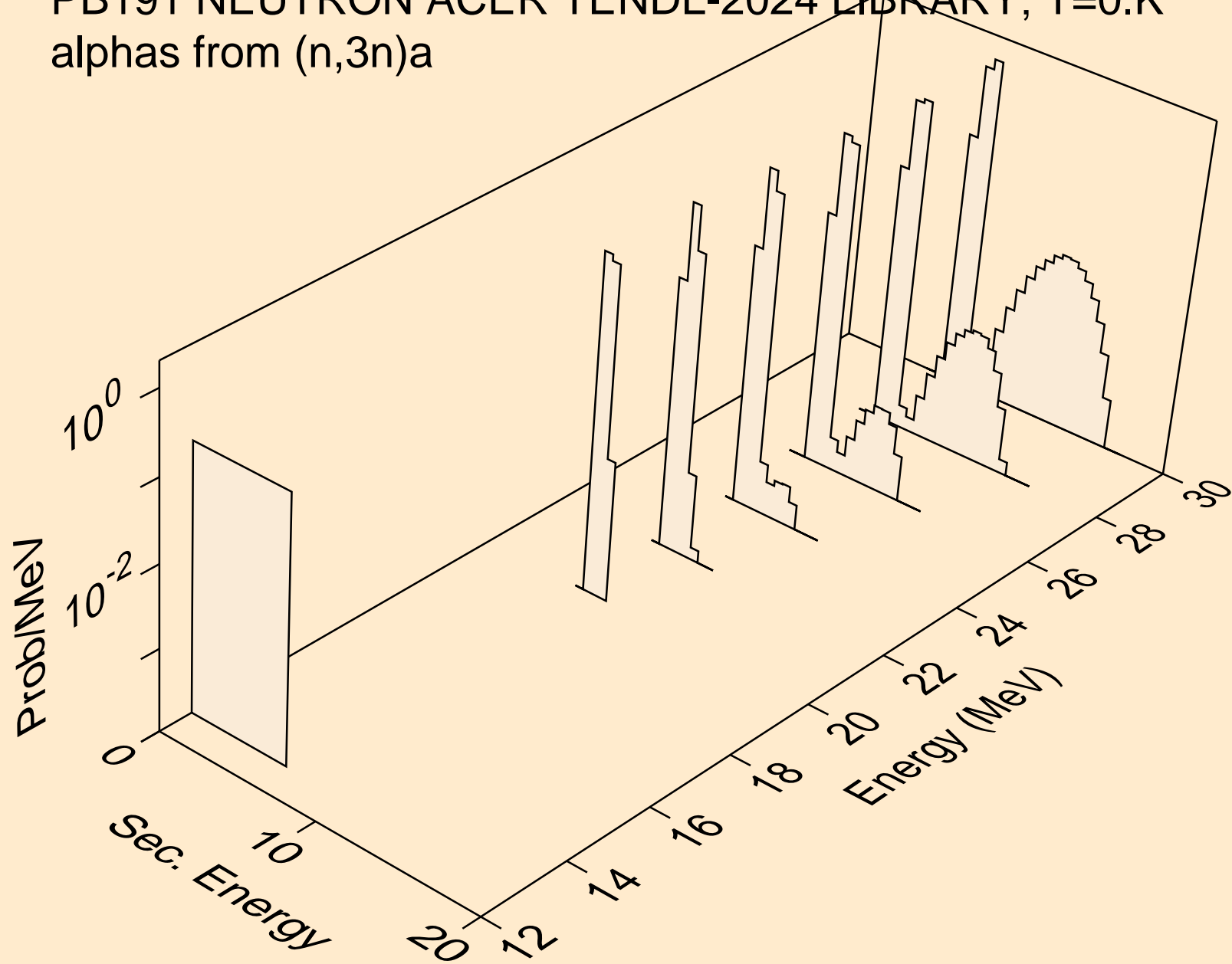
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



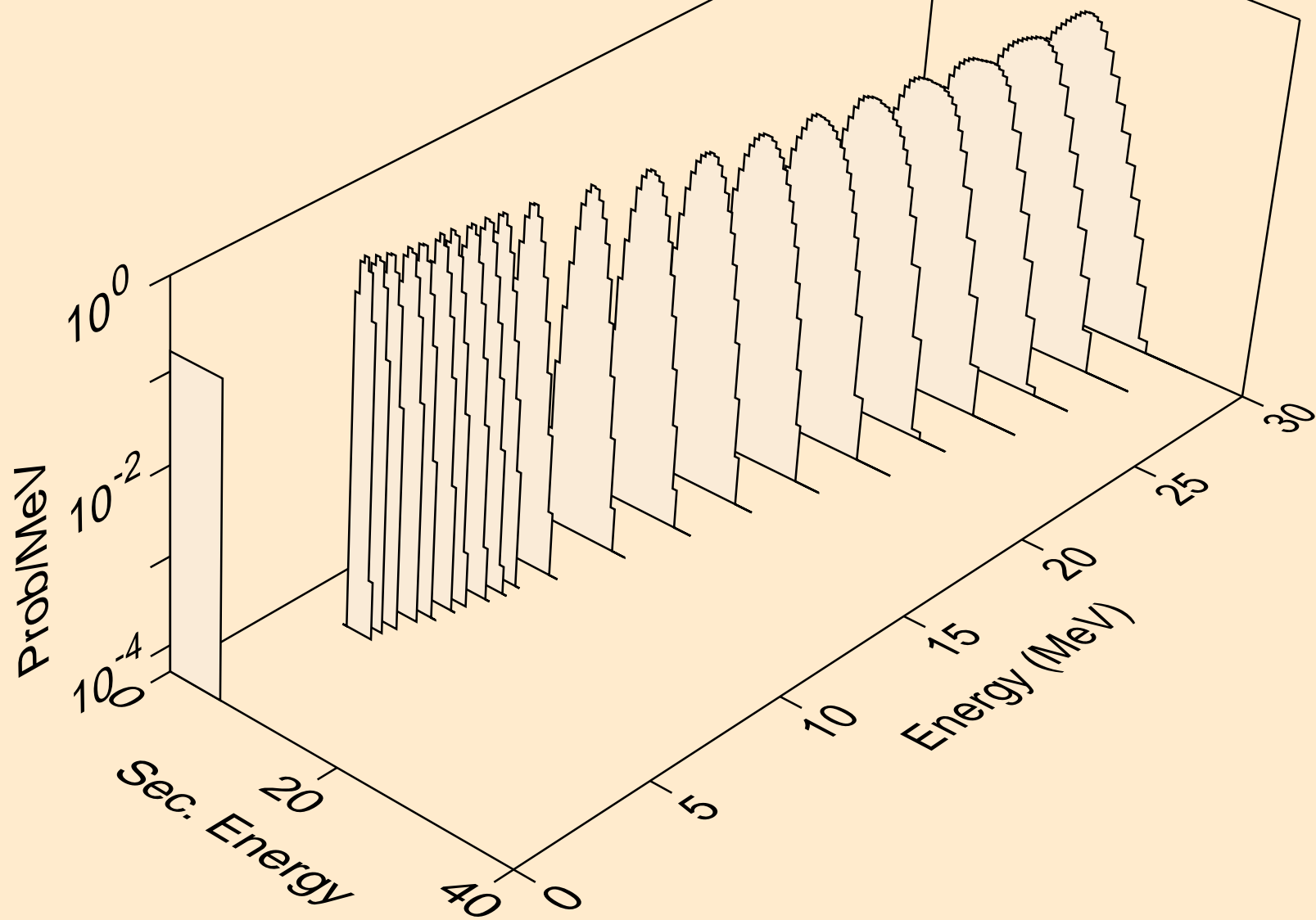
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



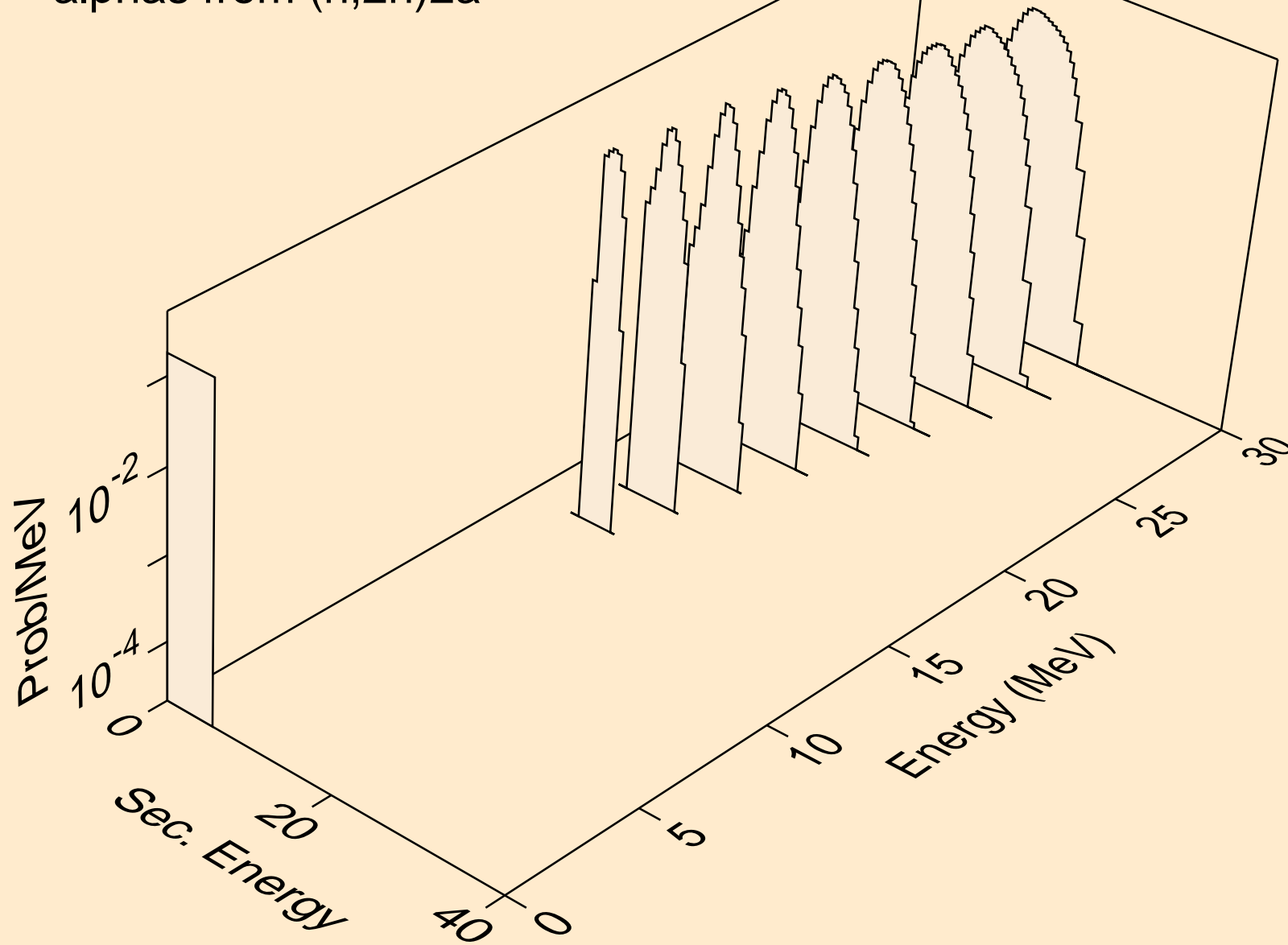
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



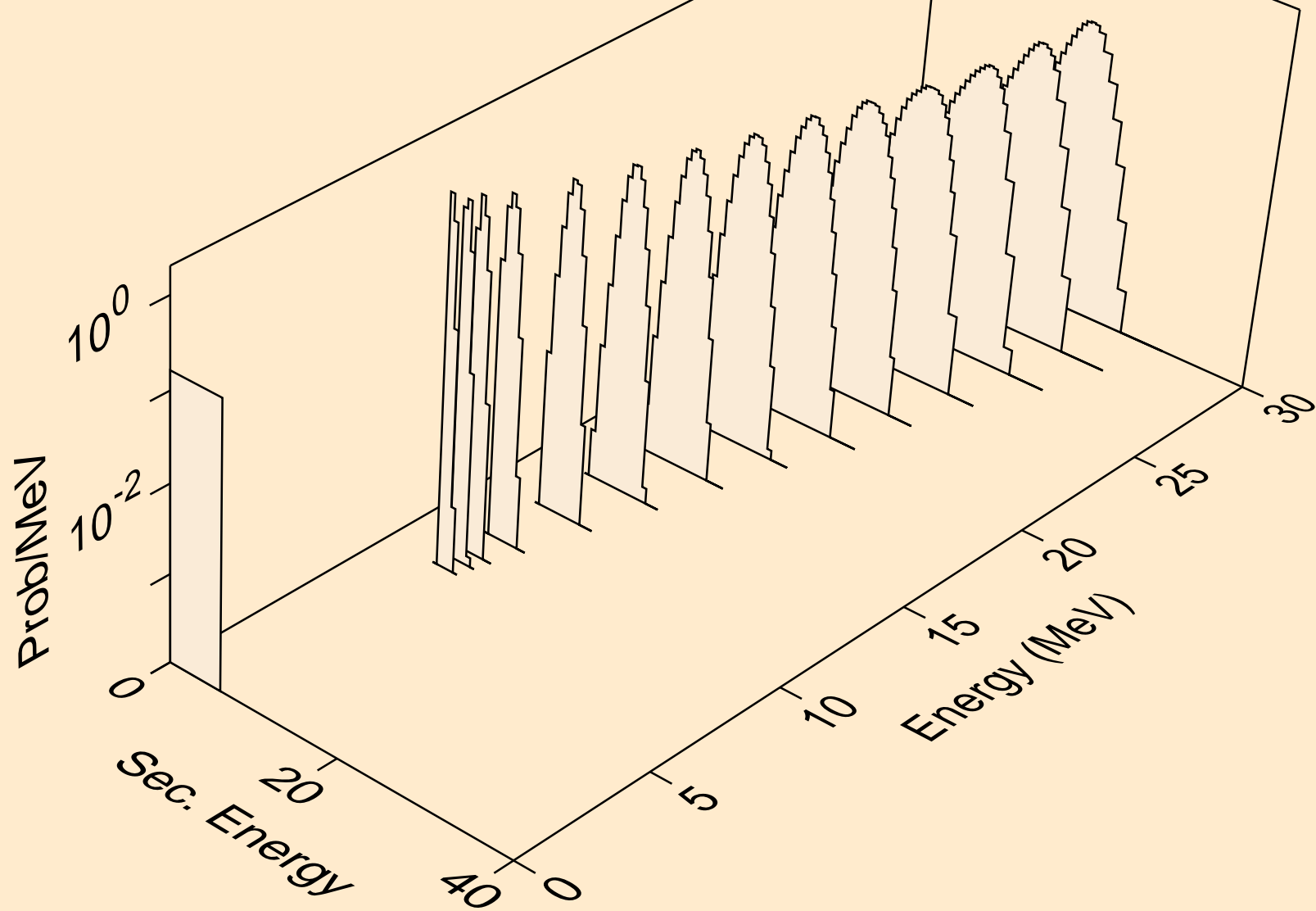
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



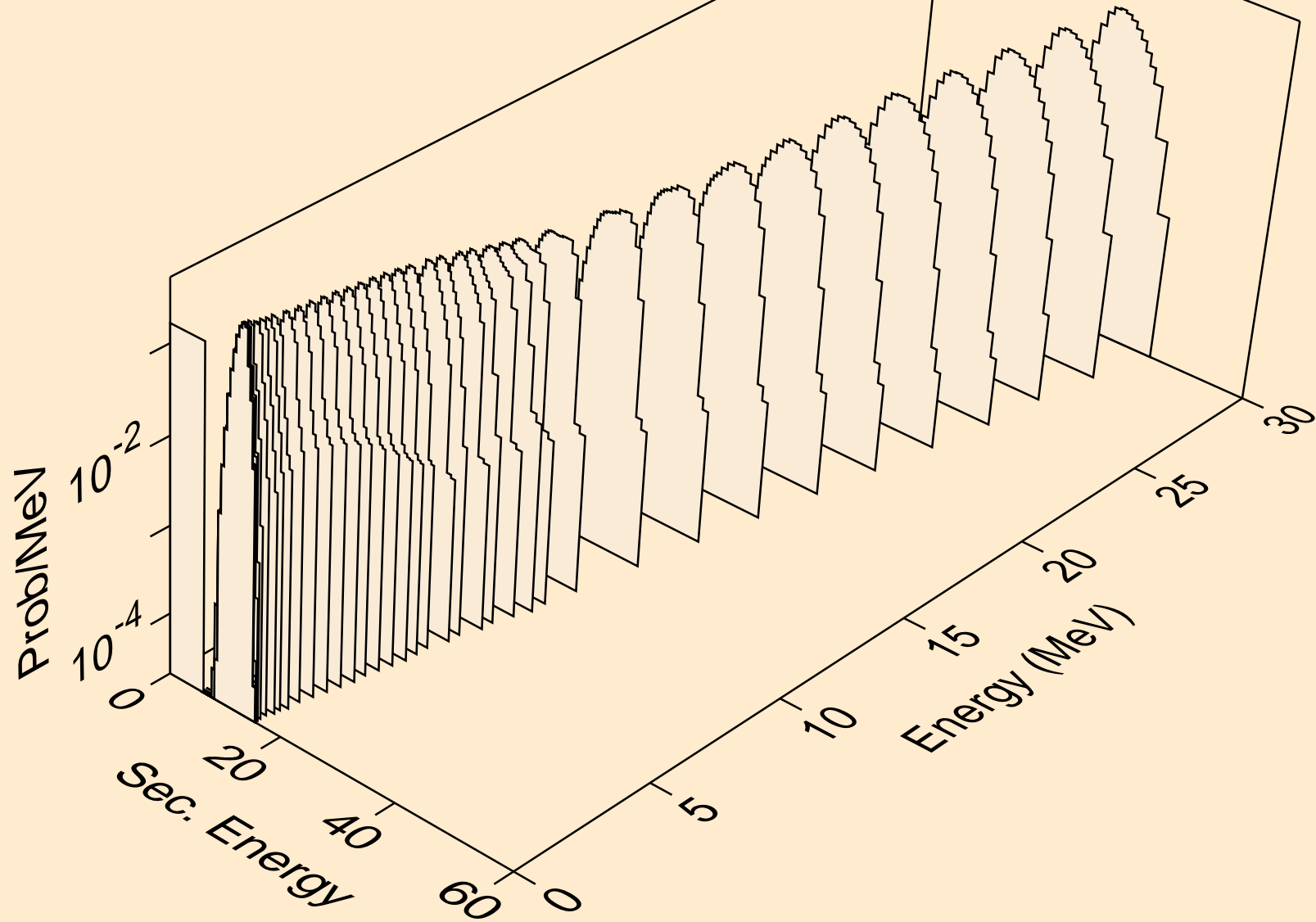
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)2a



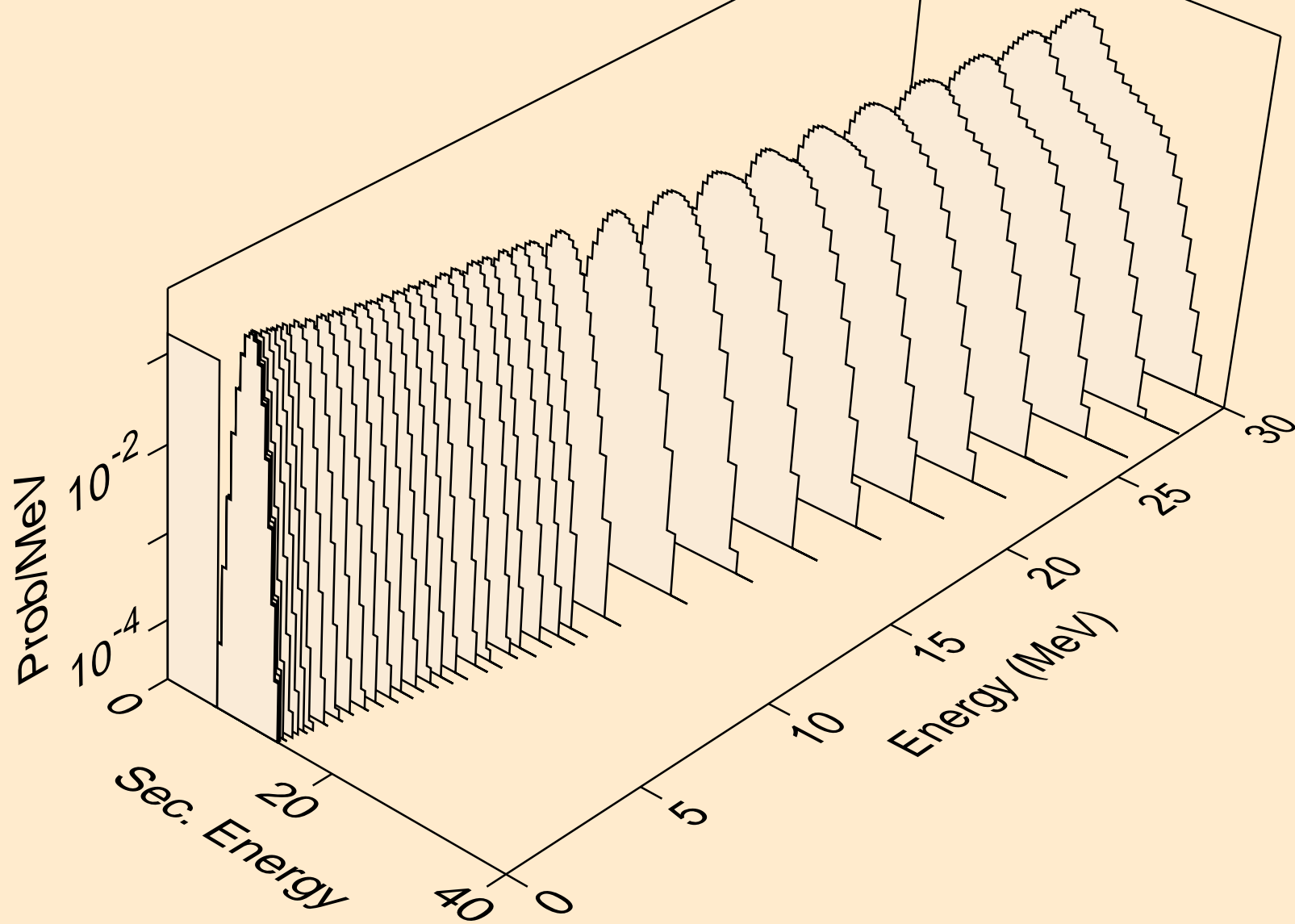
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alphas from (n,npa)



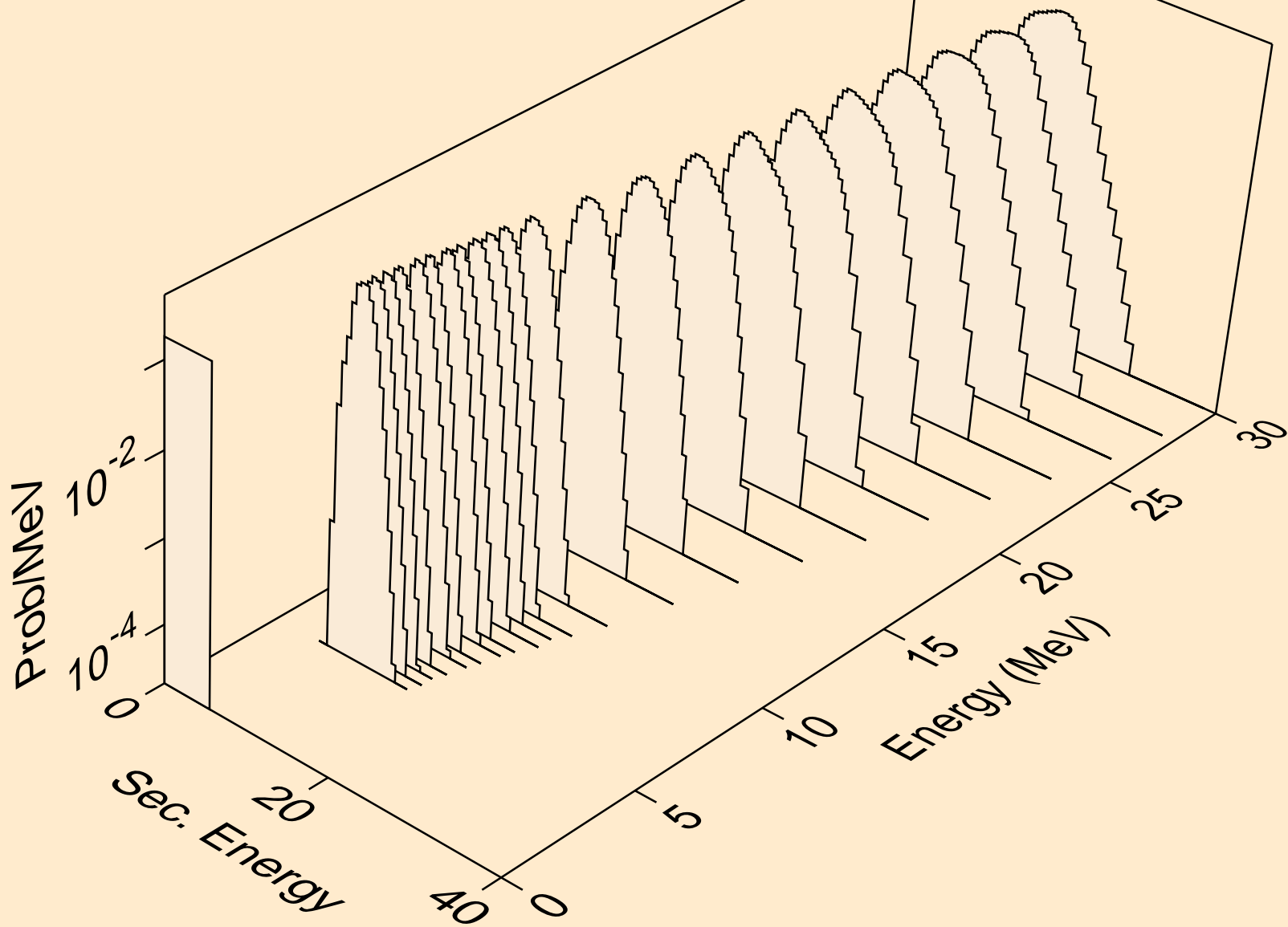
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alphas from (n,a)



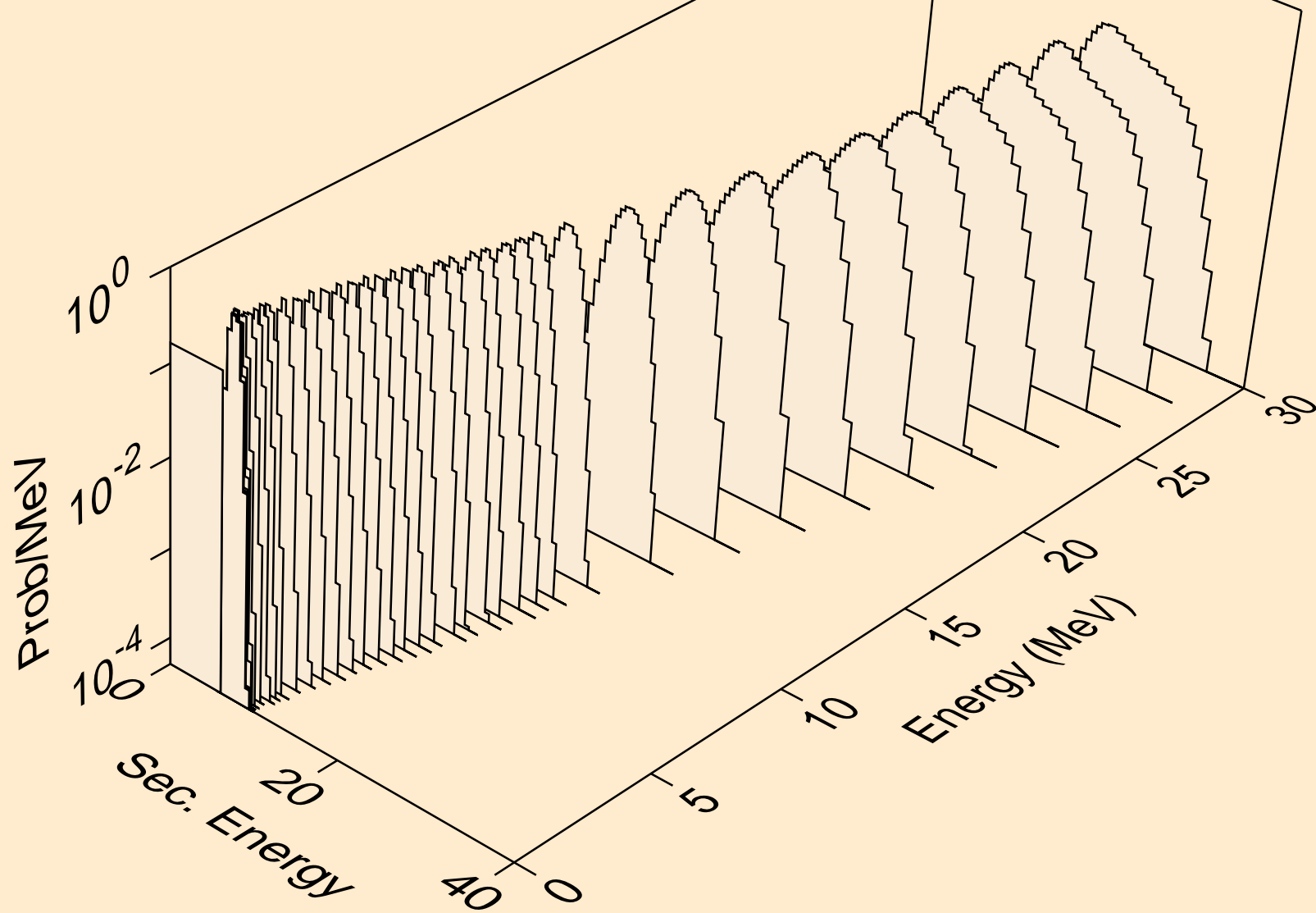
PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3a)



PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



PB191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

