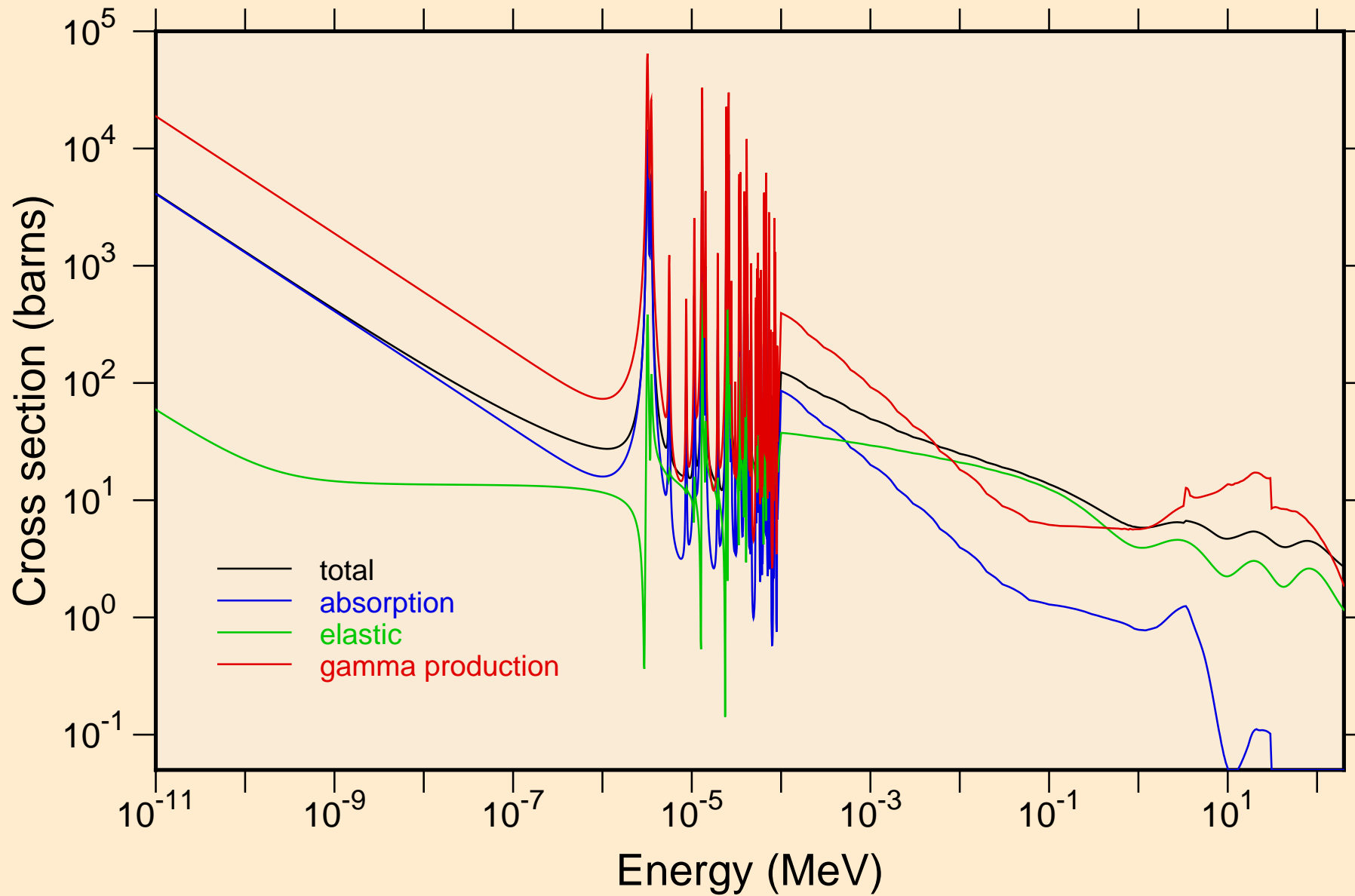
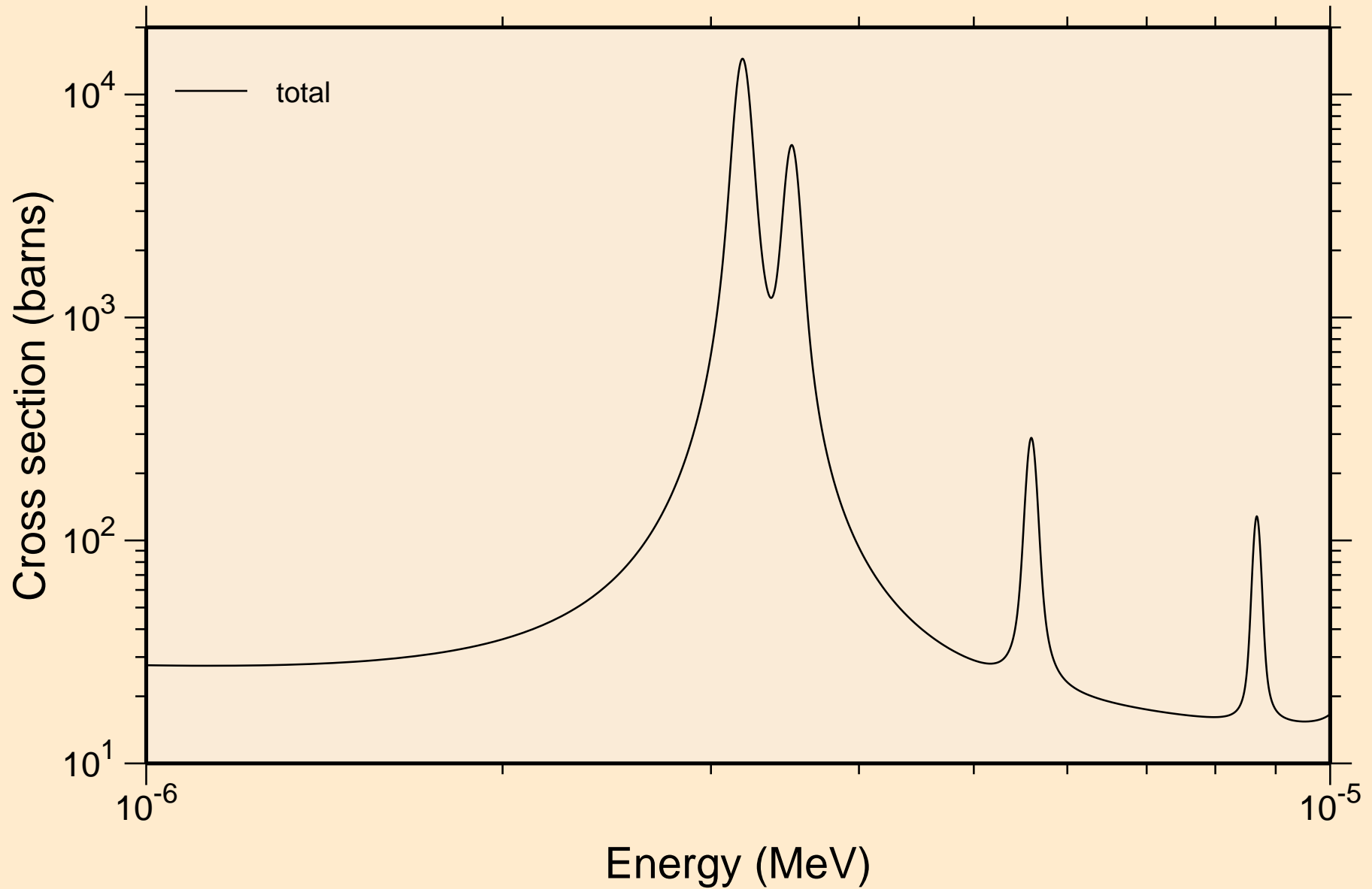


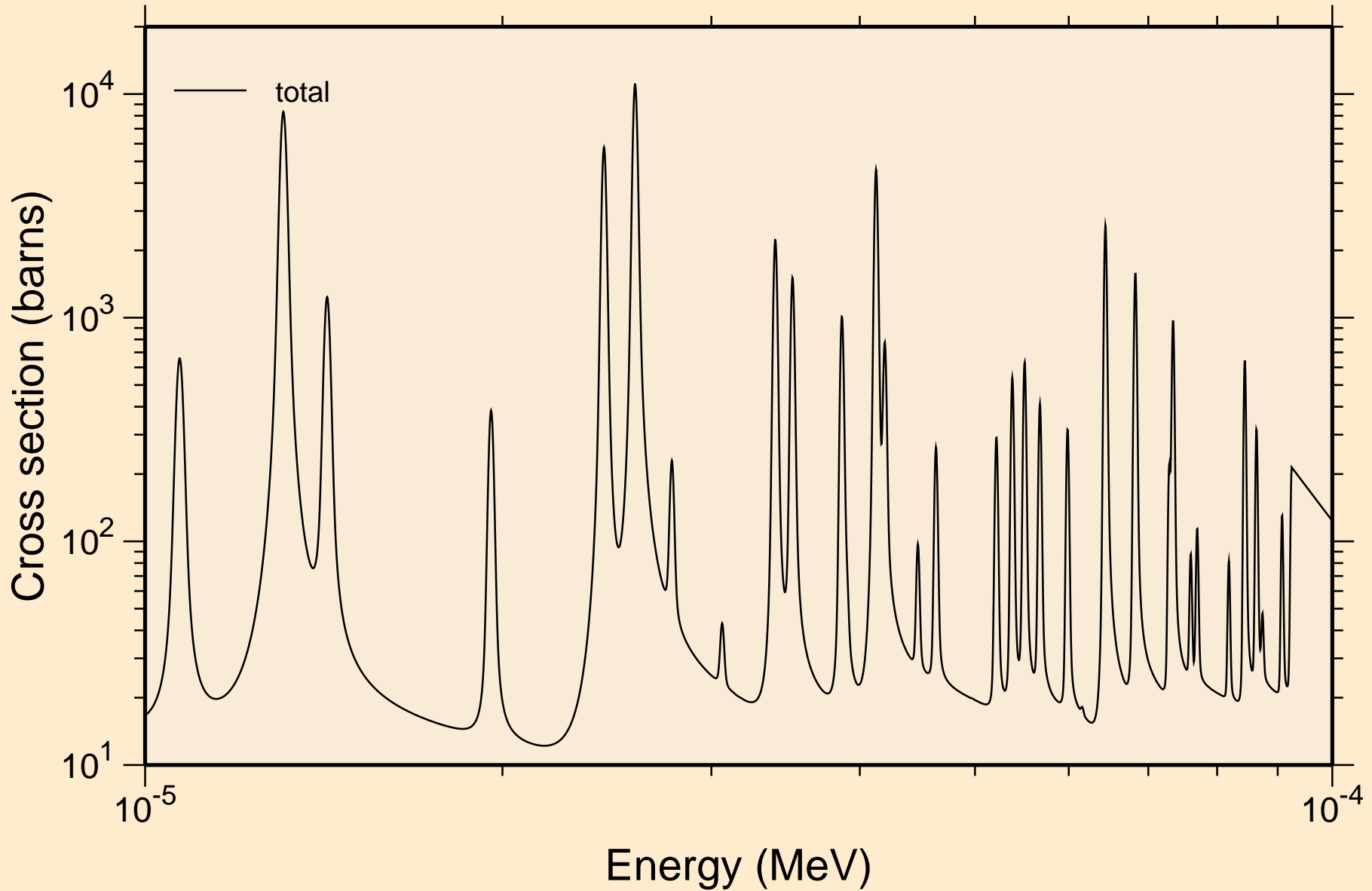
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Principal cross sections



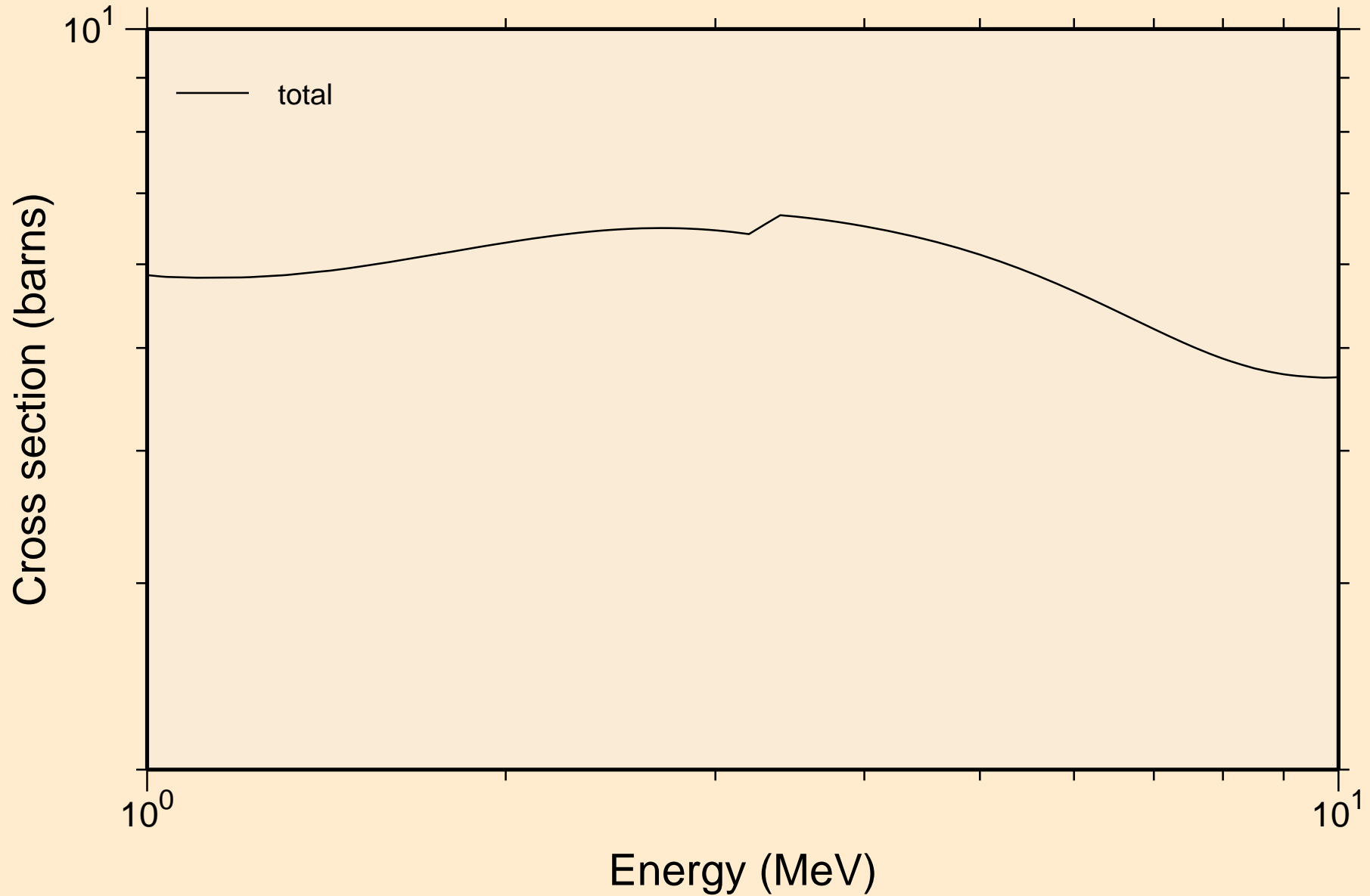
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resonance total cross section



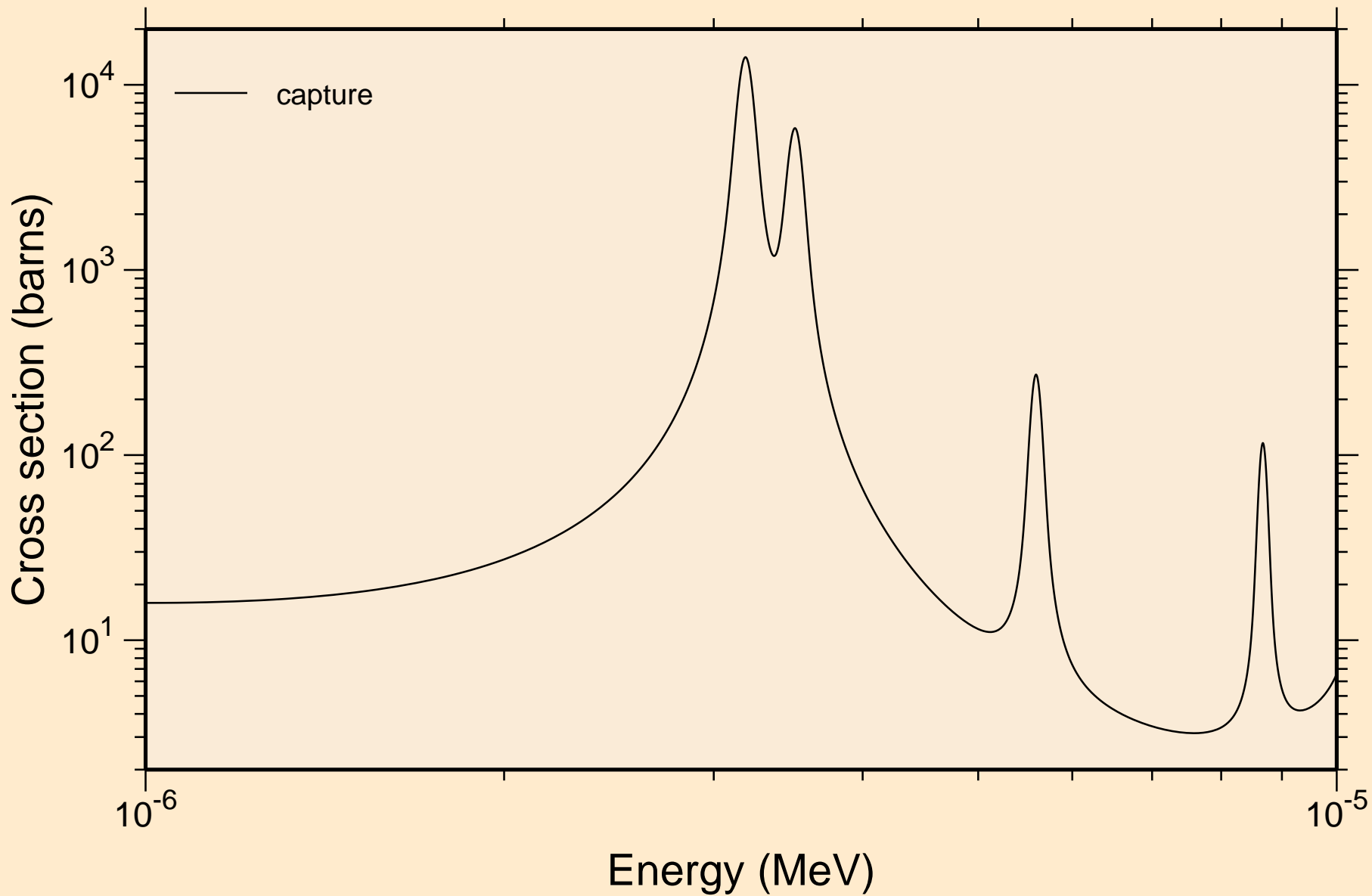
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resonance total cross section



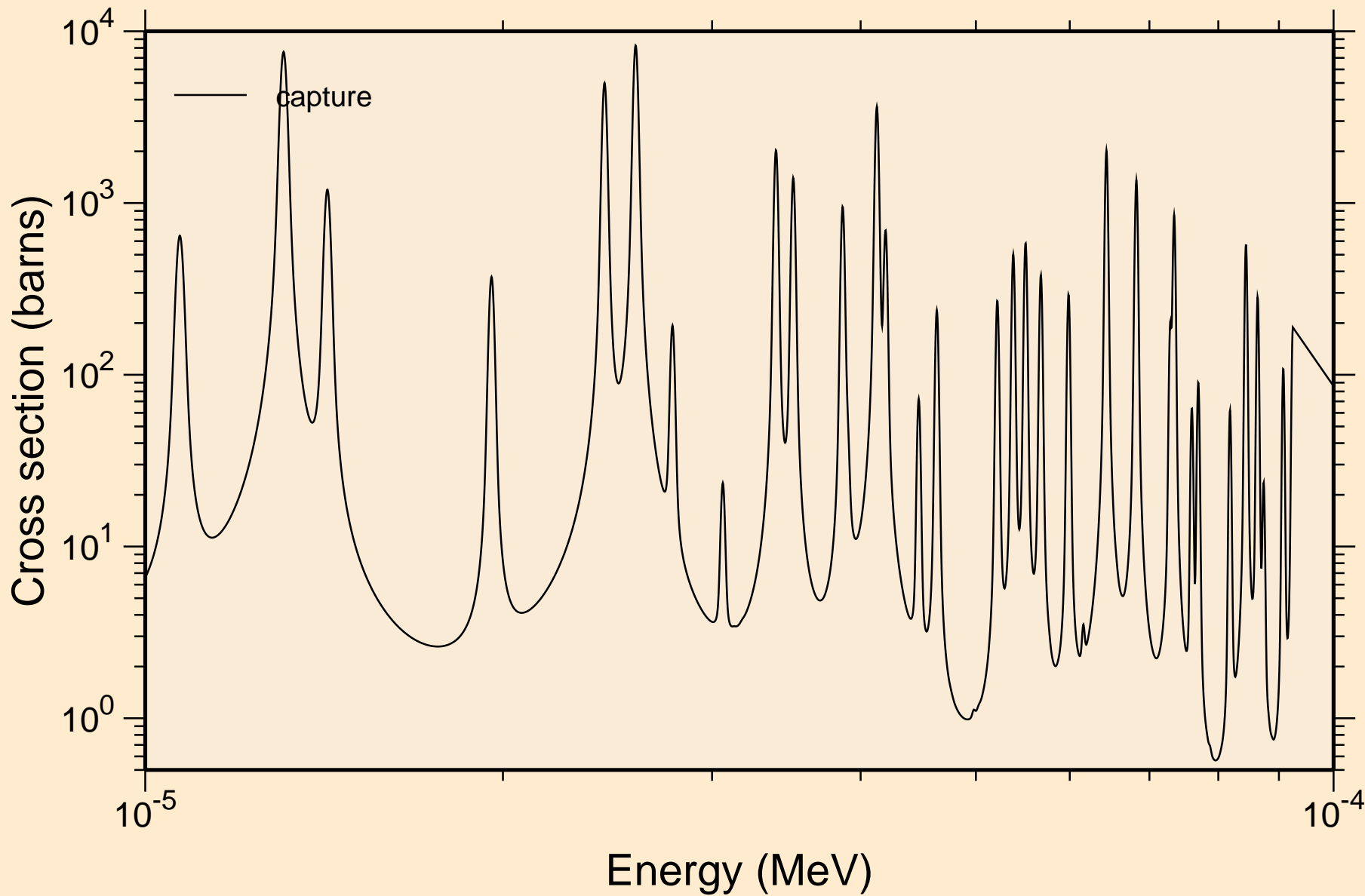
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resonance total cross section



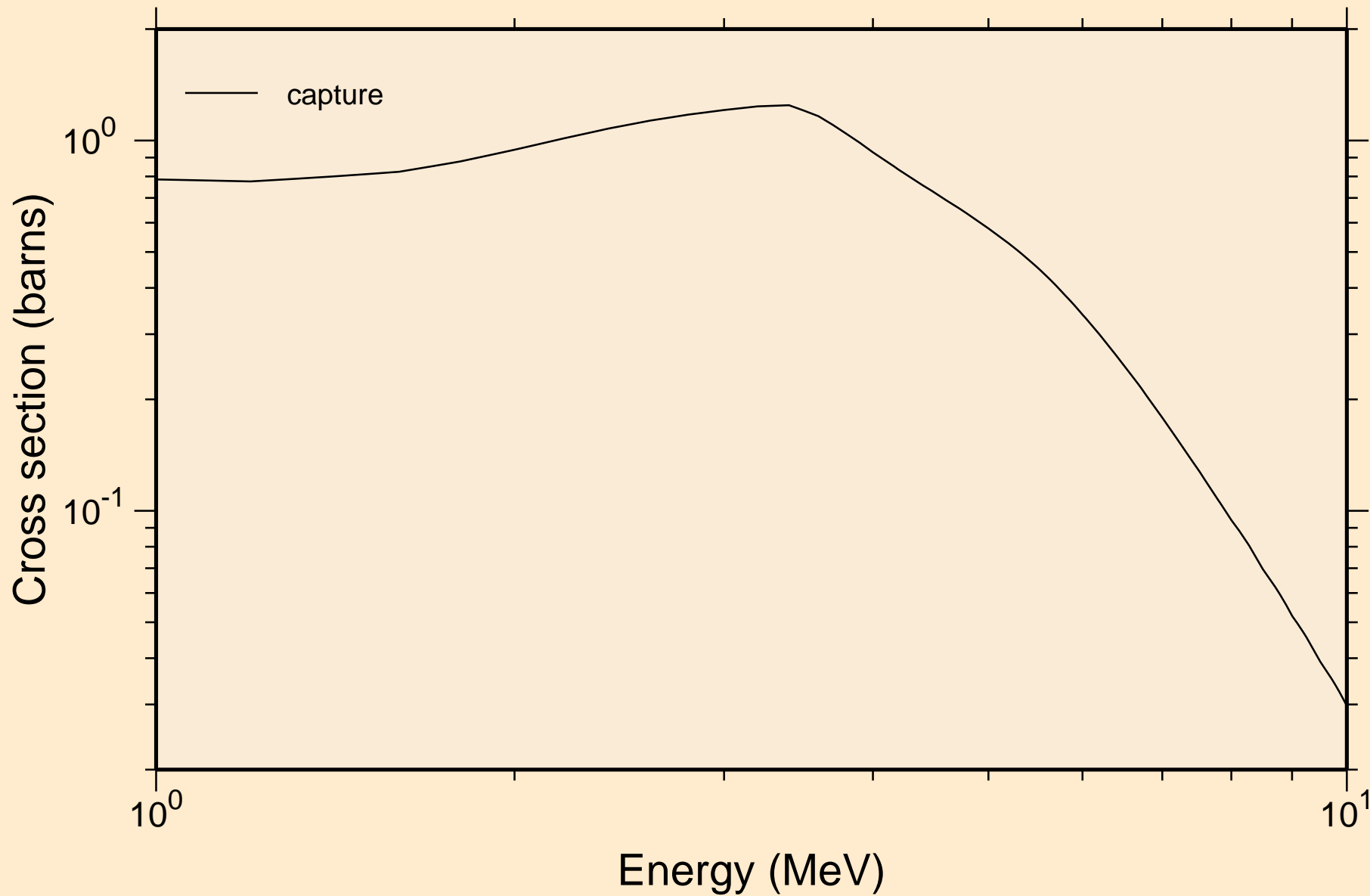
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



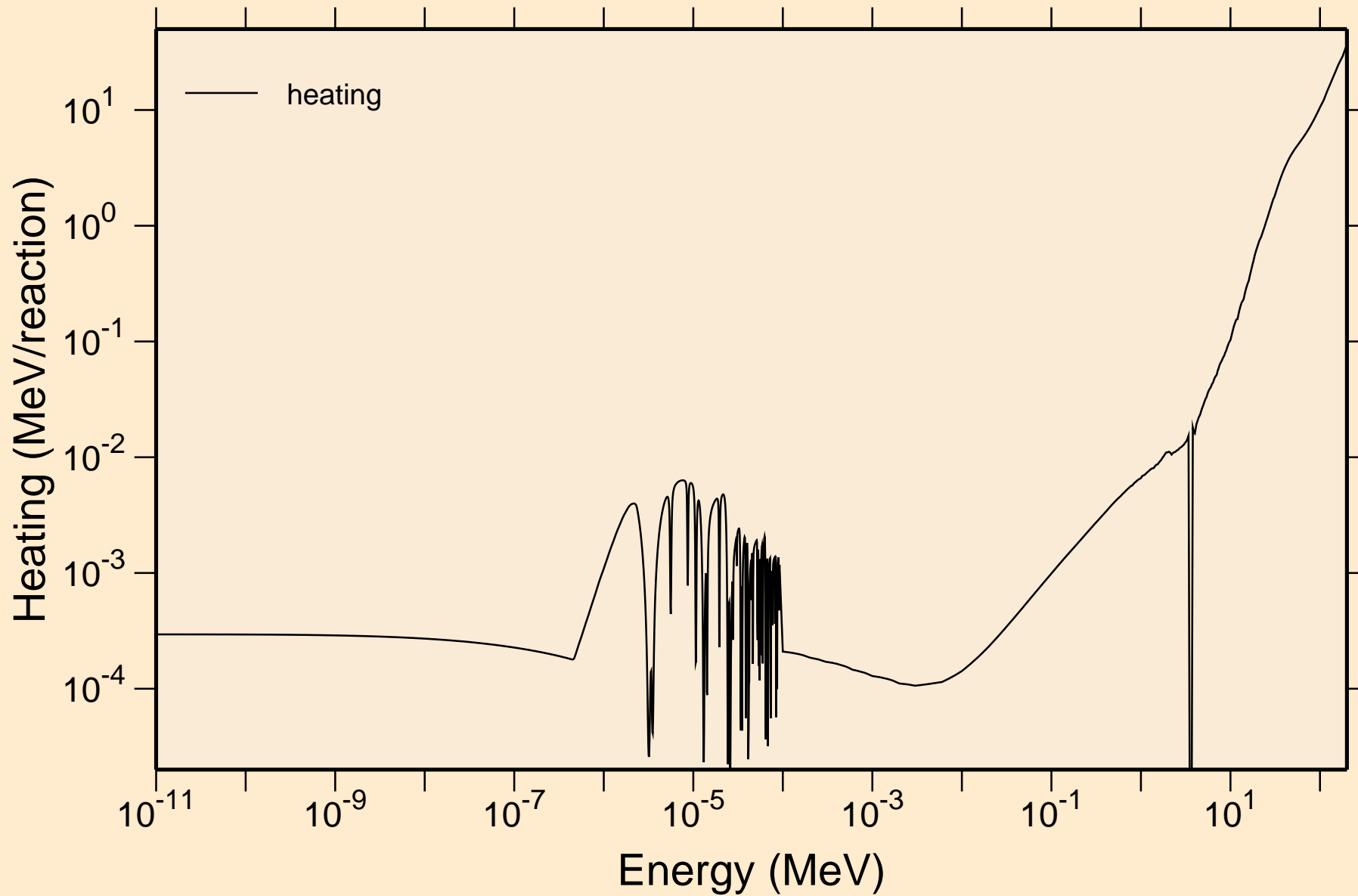
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resonance absorption cross sections



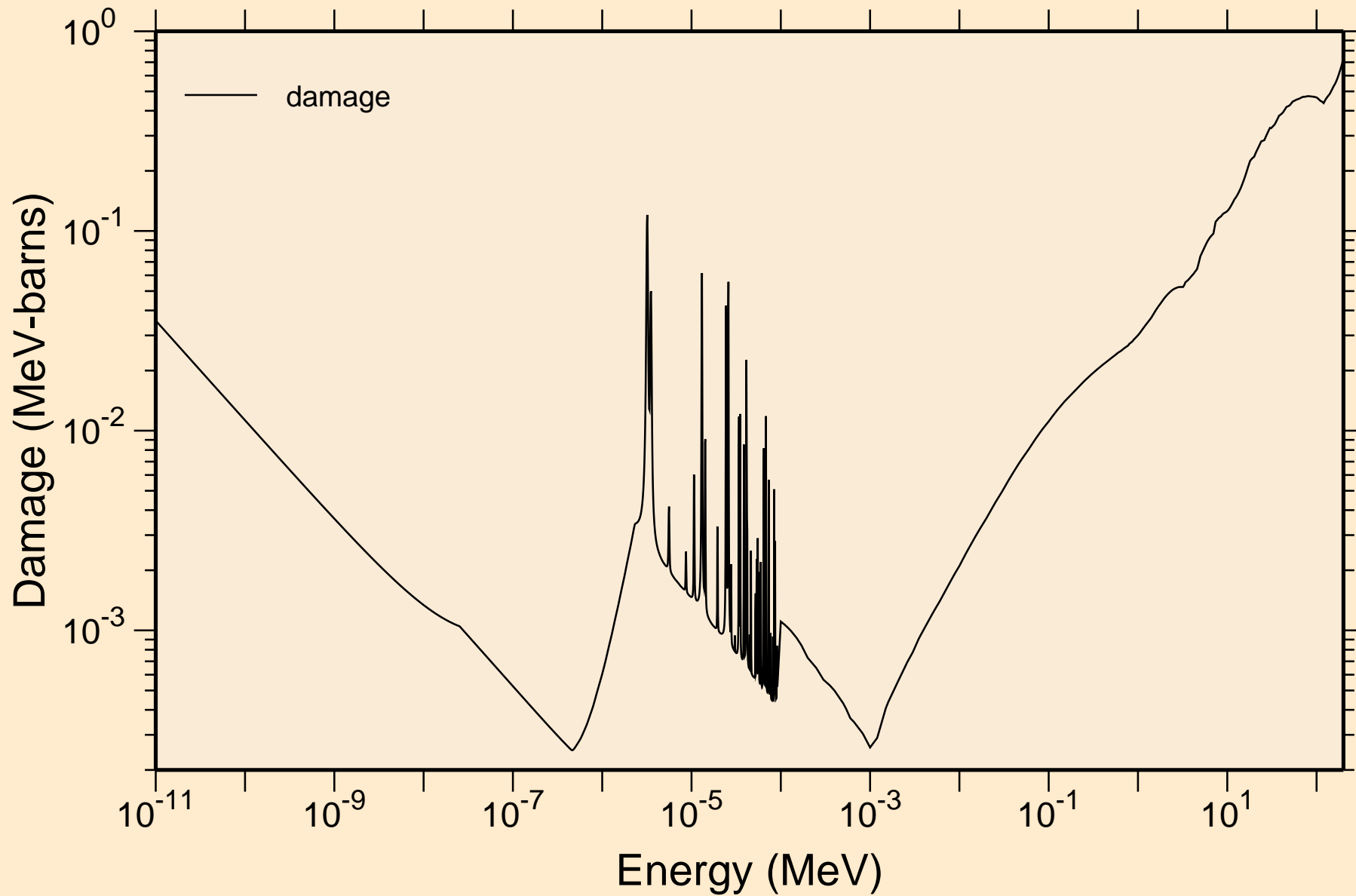
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resonance absorption cross sections



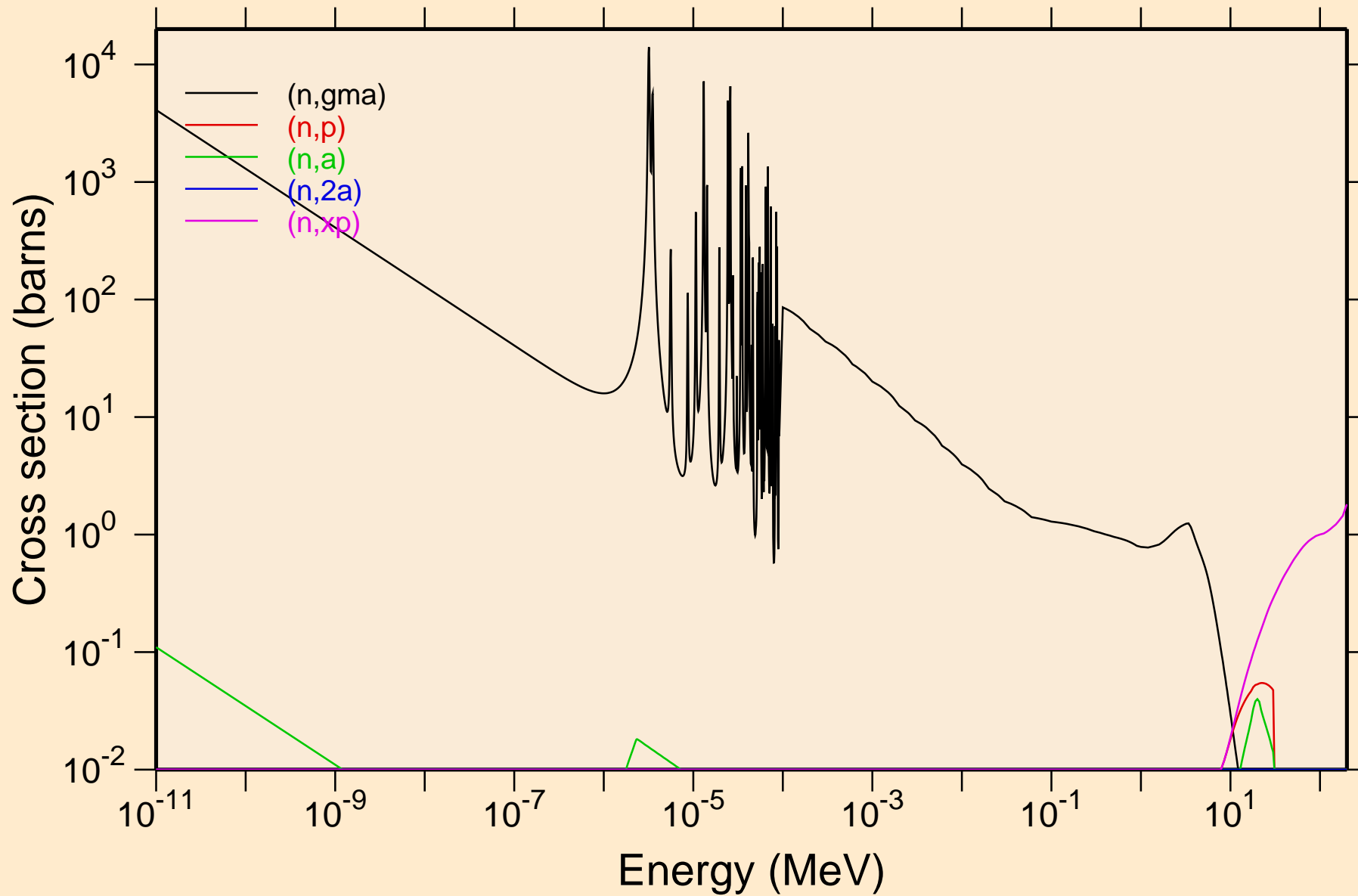
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating



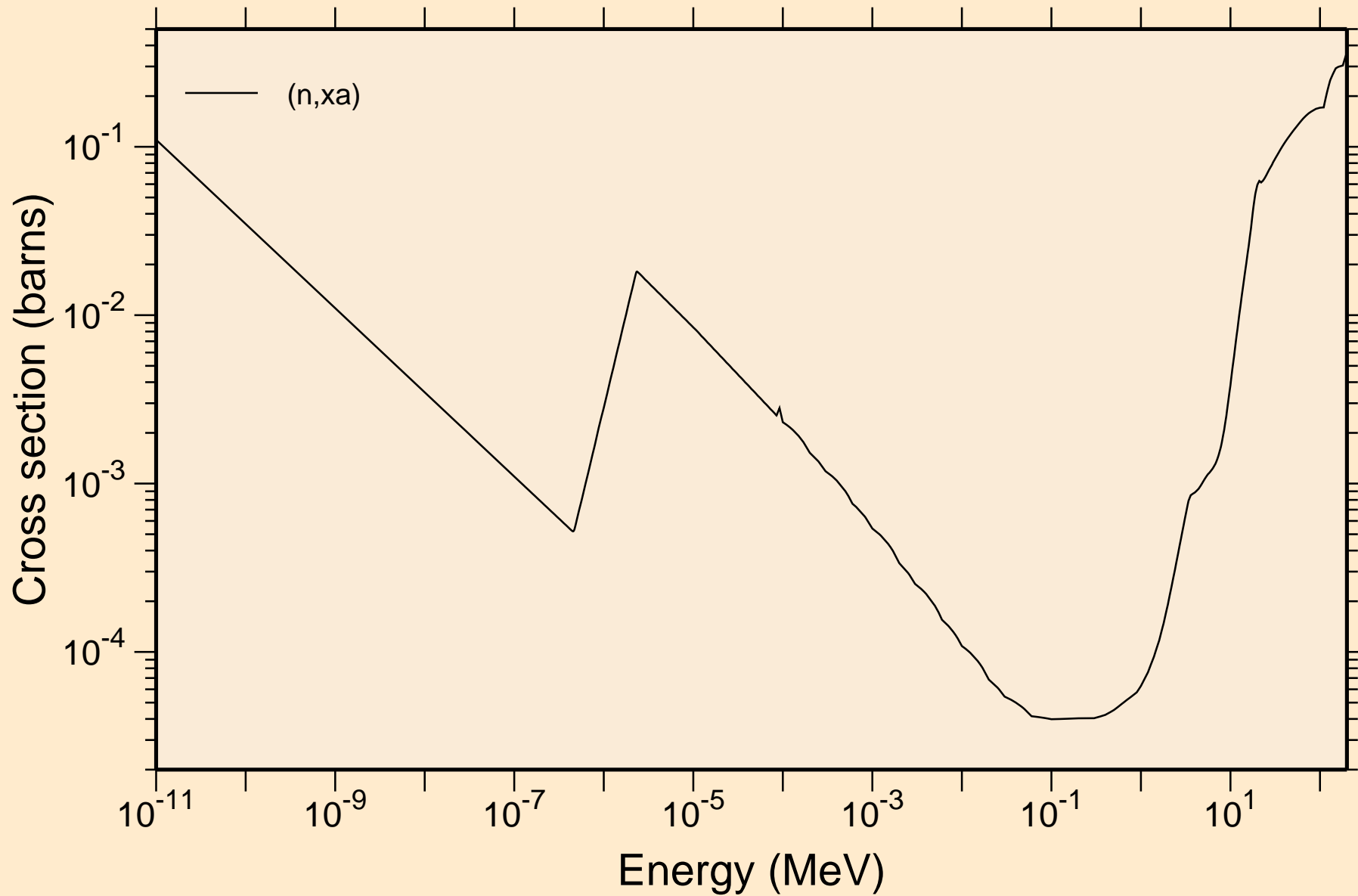
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Damage



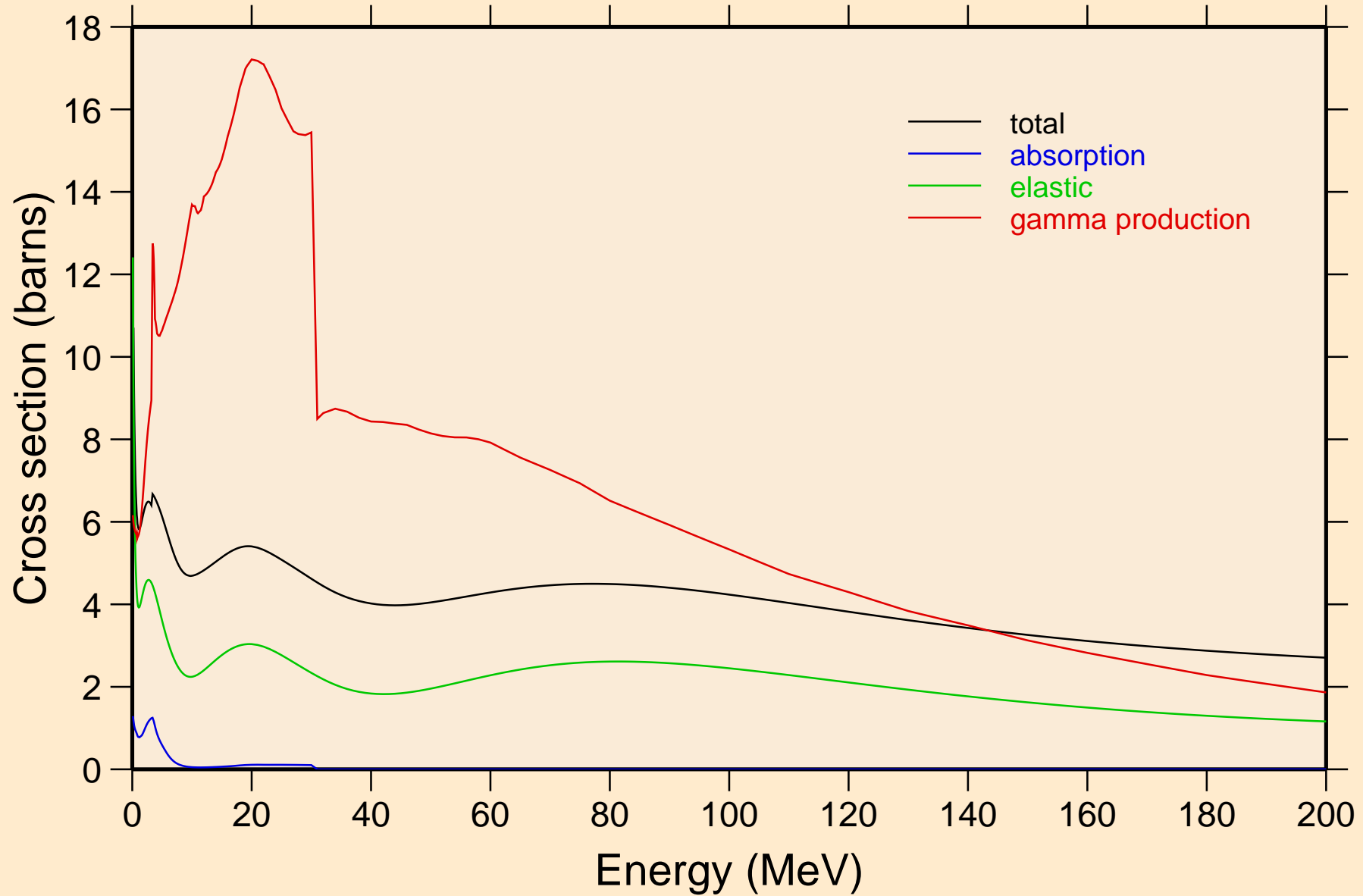
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Non-threshold reactions



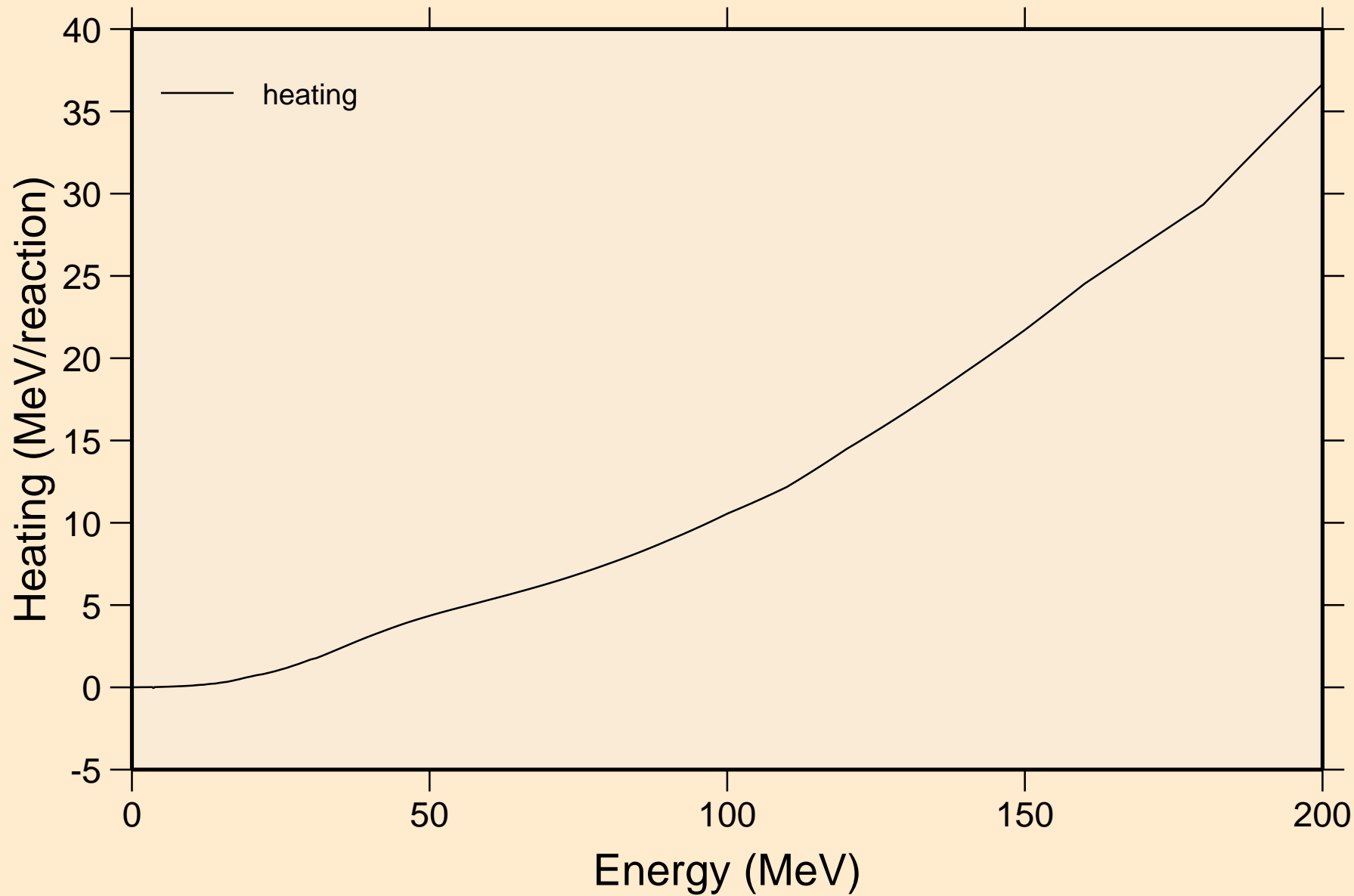
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Non-threshold reactions



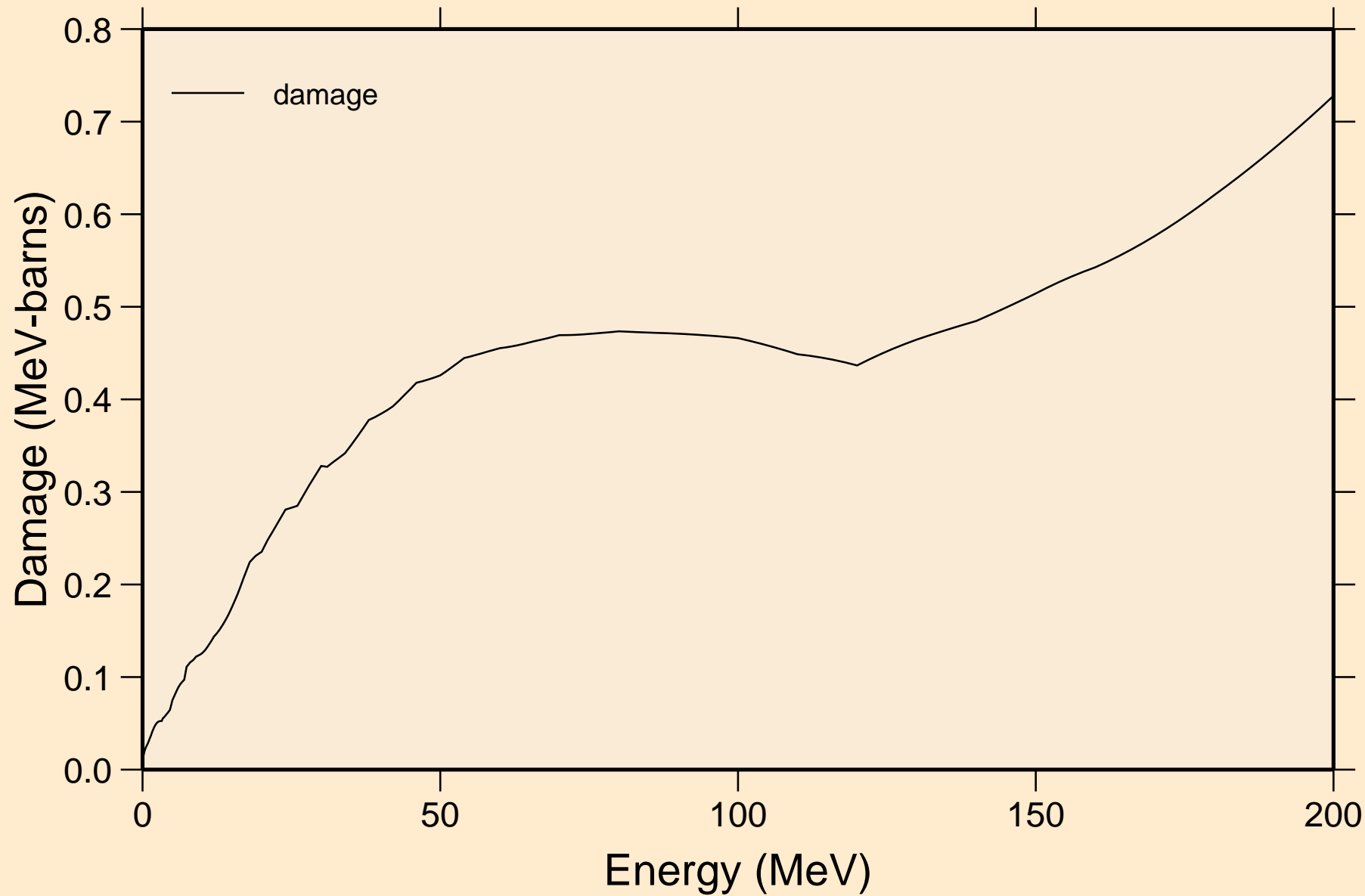
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Principal cross sections



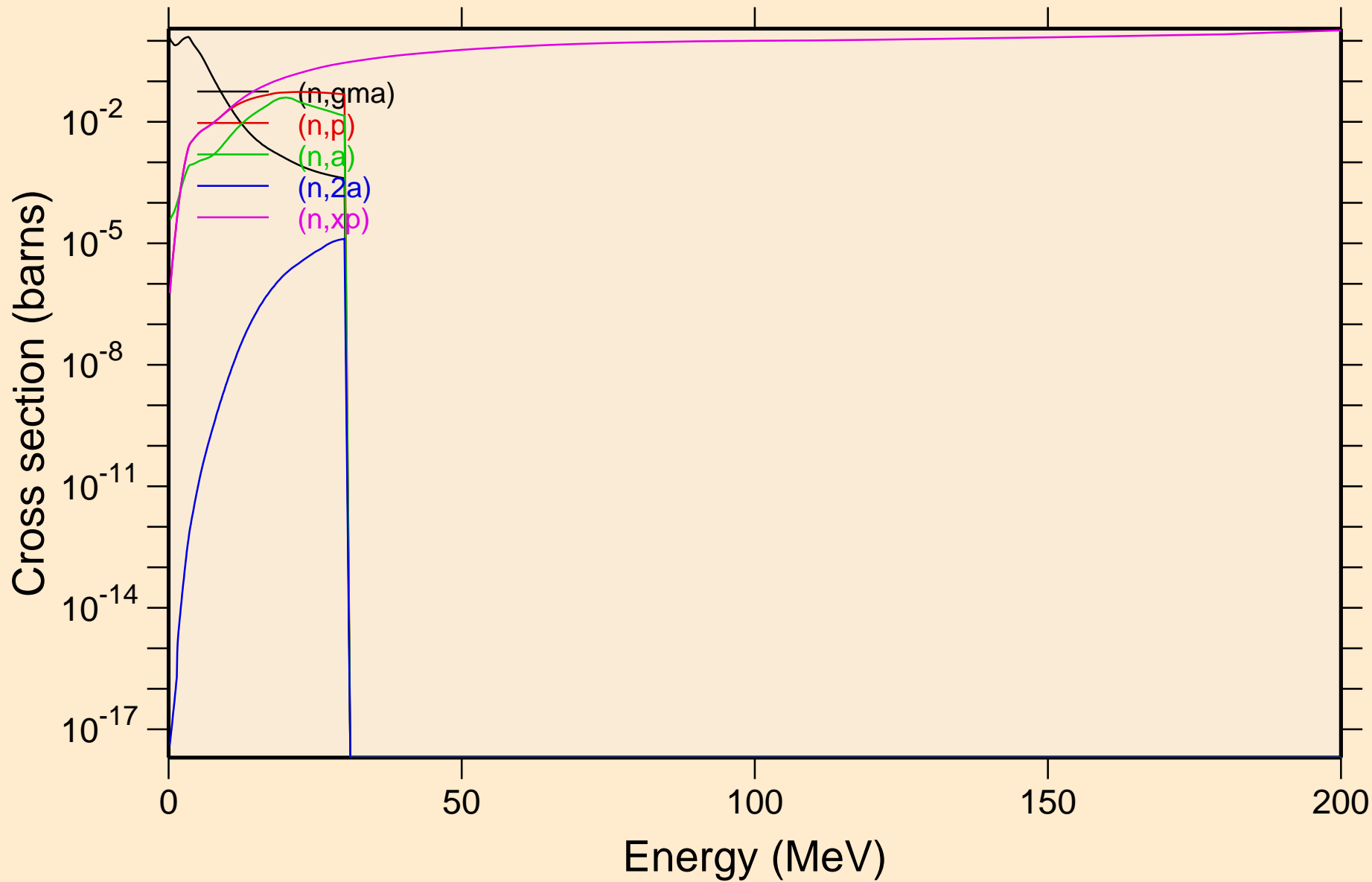
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Heating



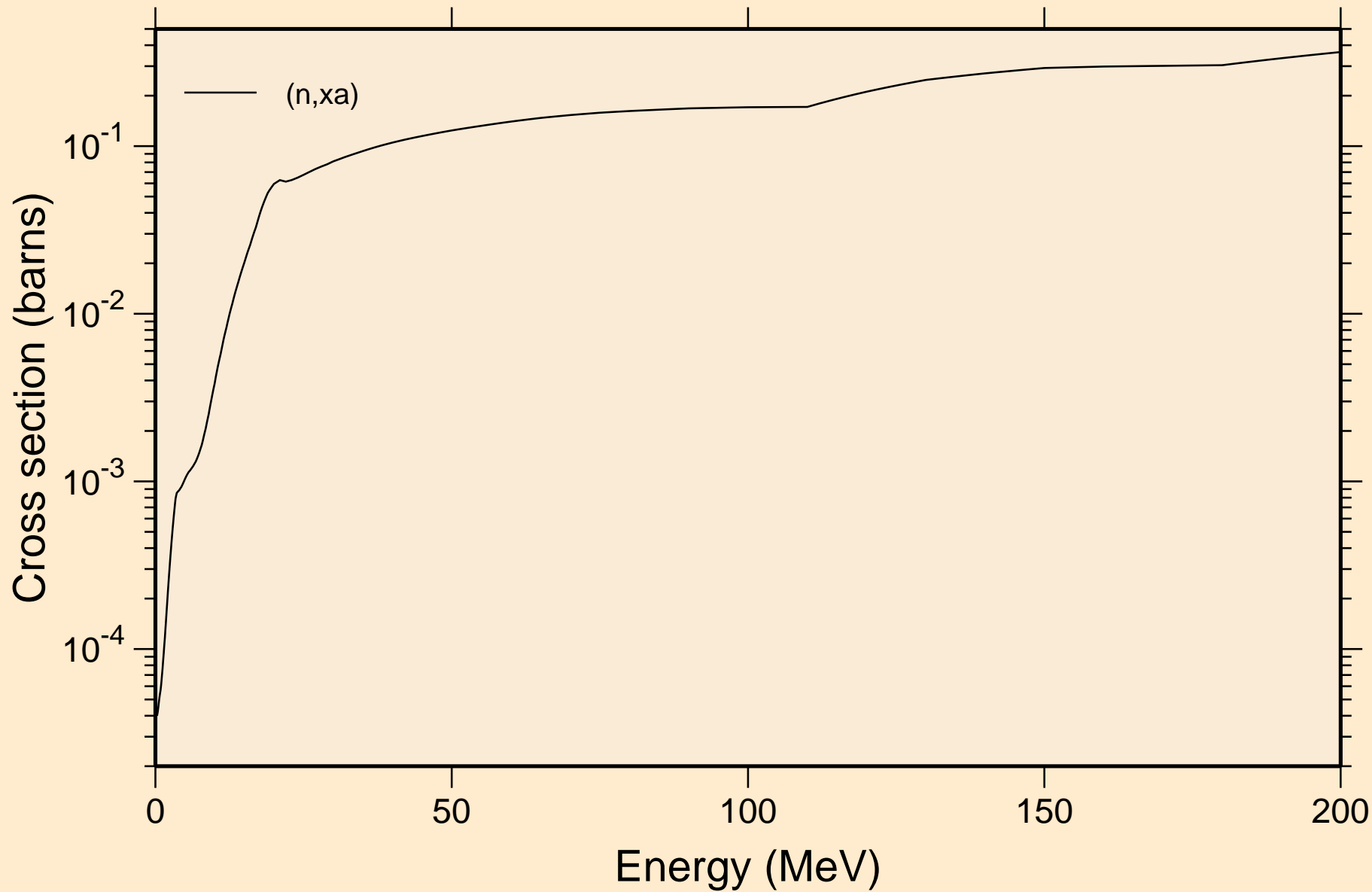
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Damage



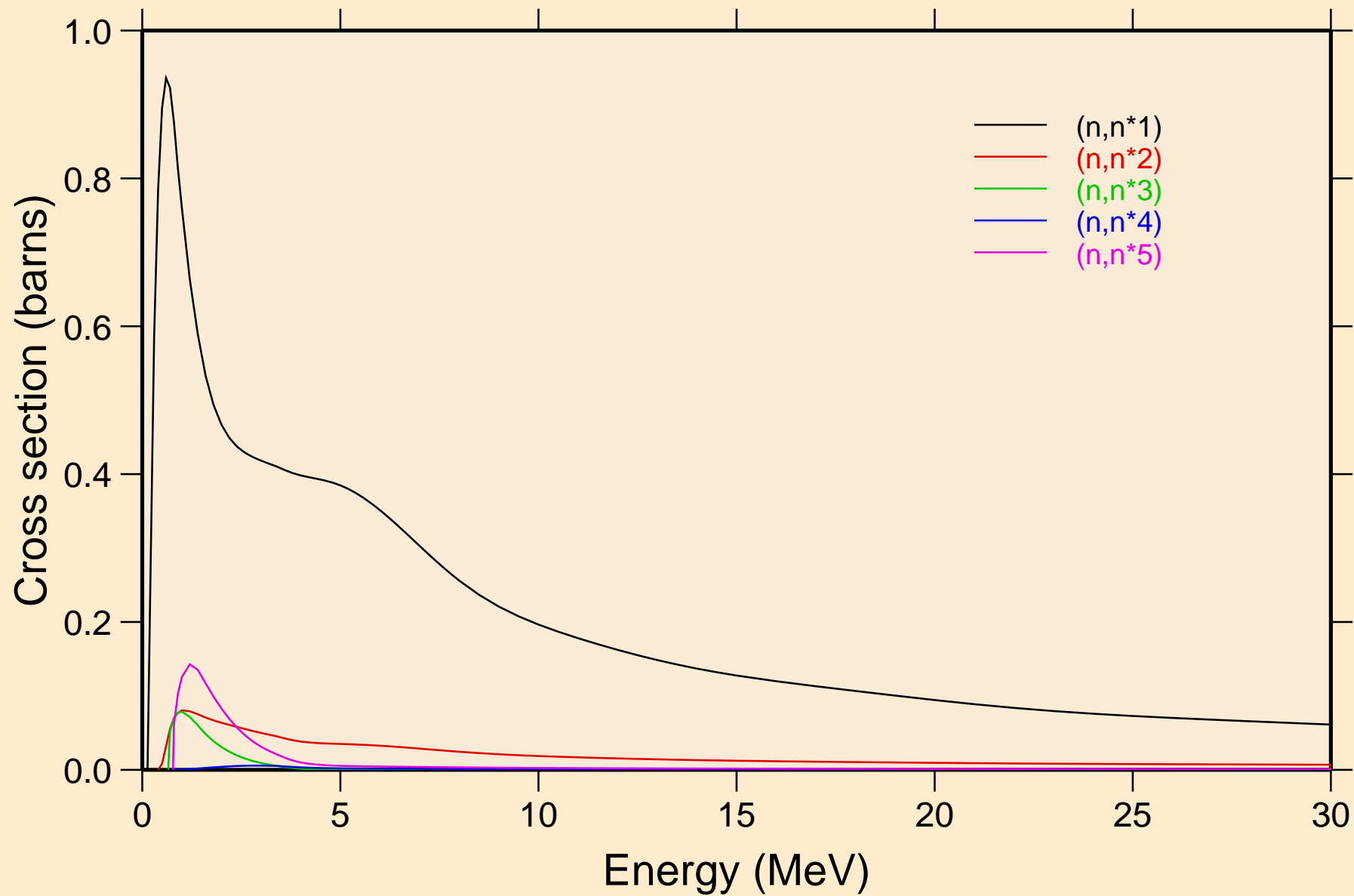
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Non-threshold reactions



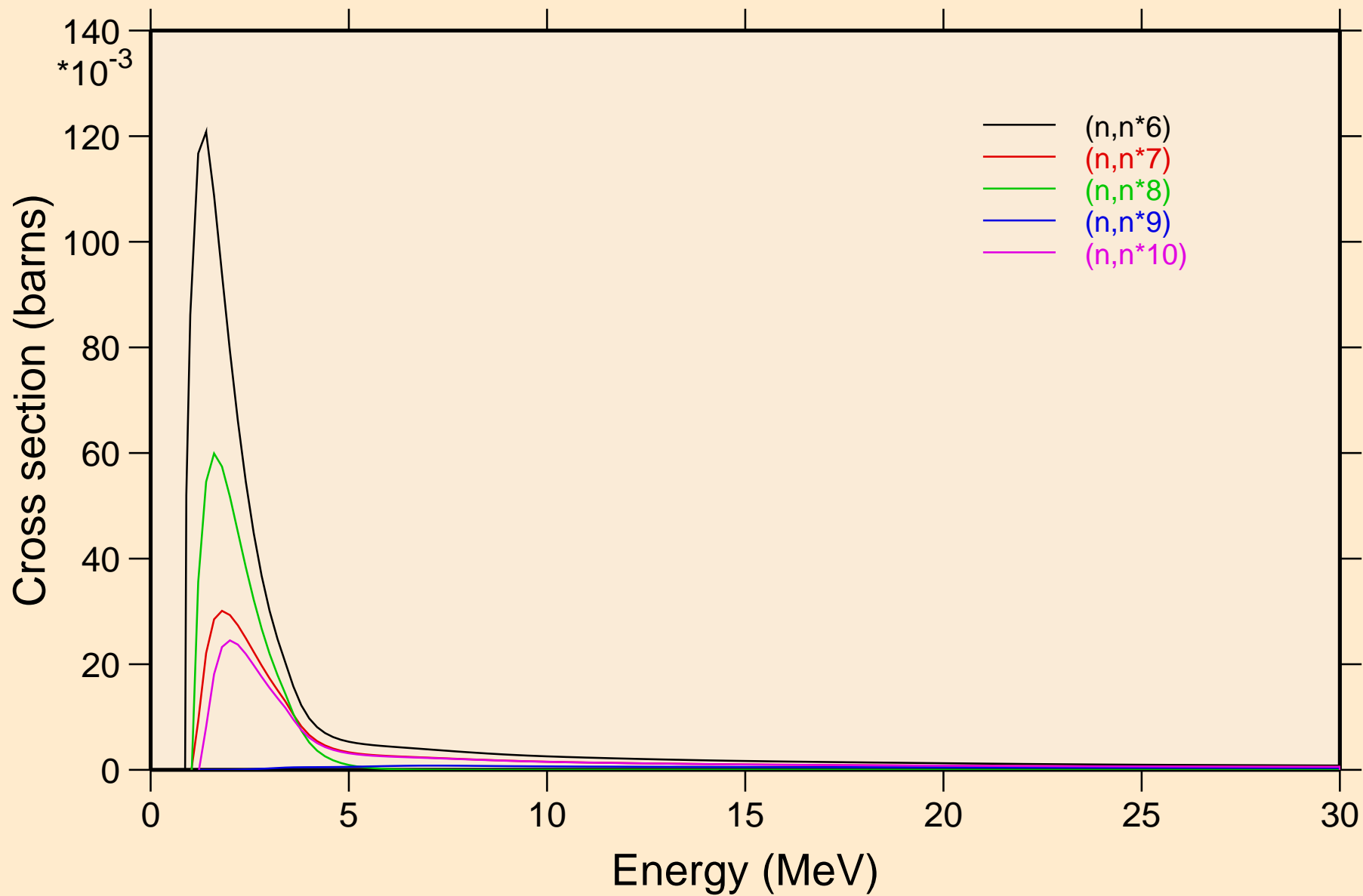
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Non-threshold reactions



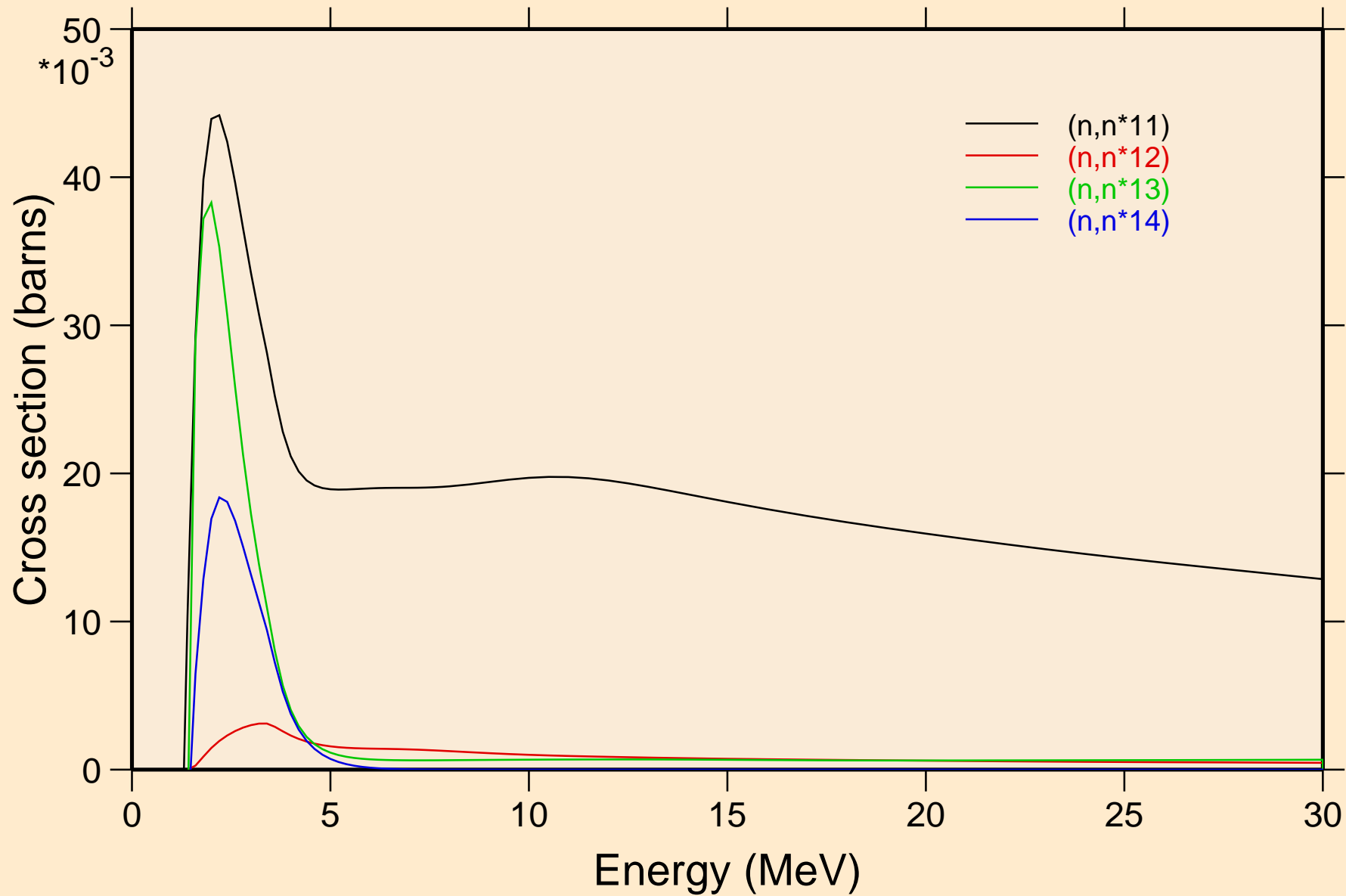
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Inelastic levels



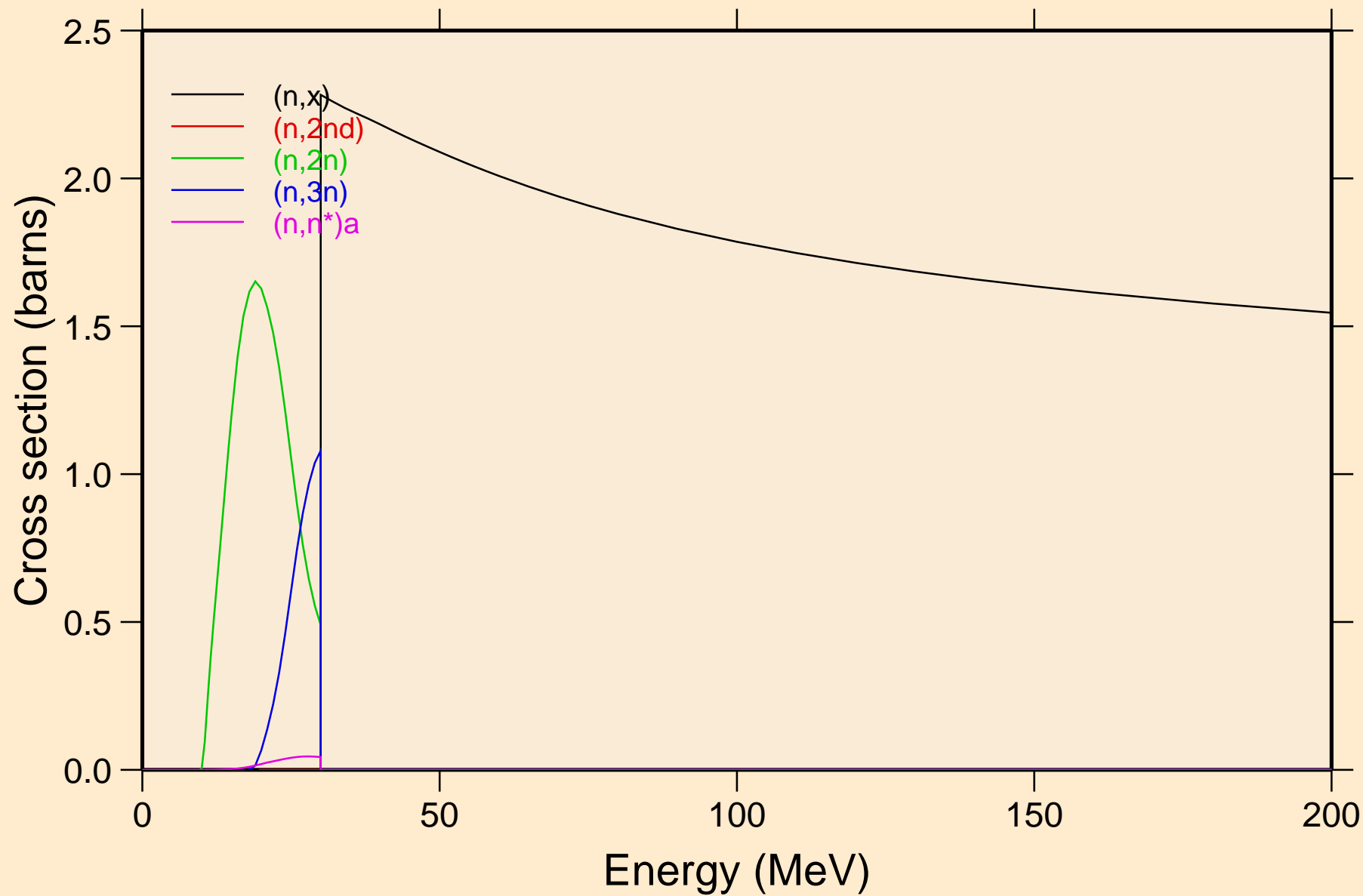
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



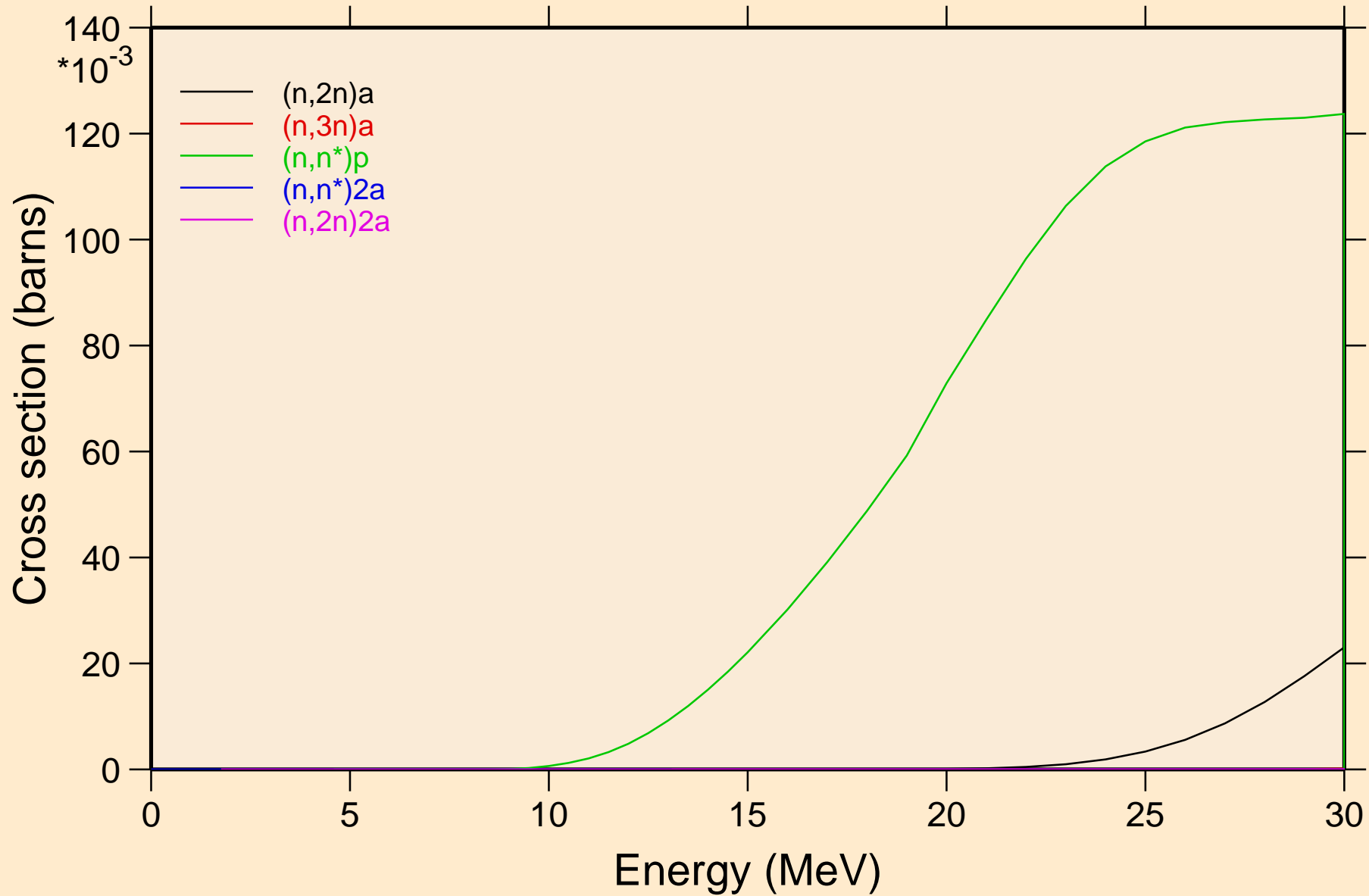
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

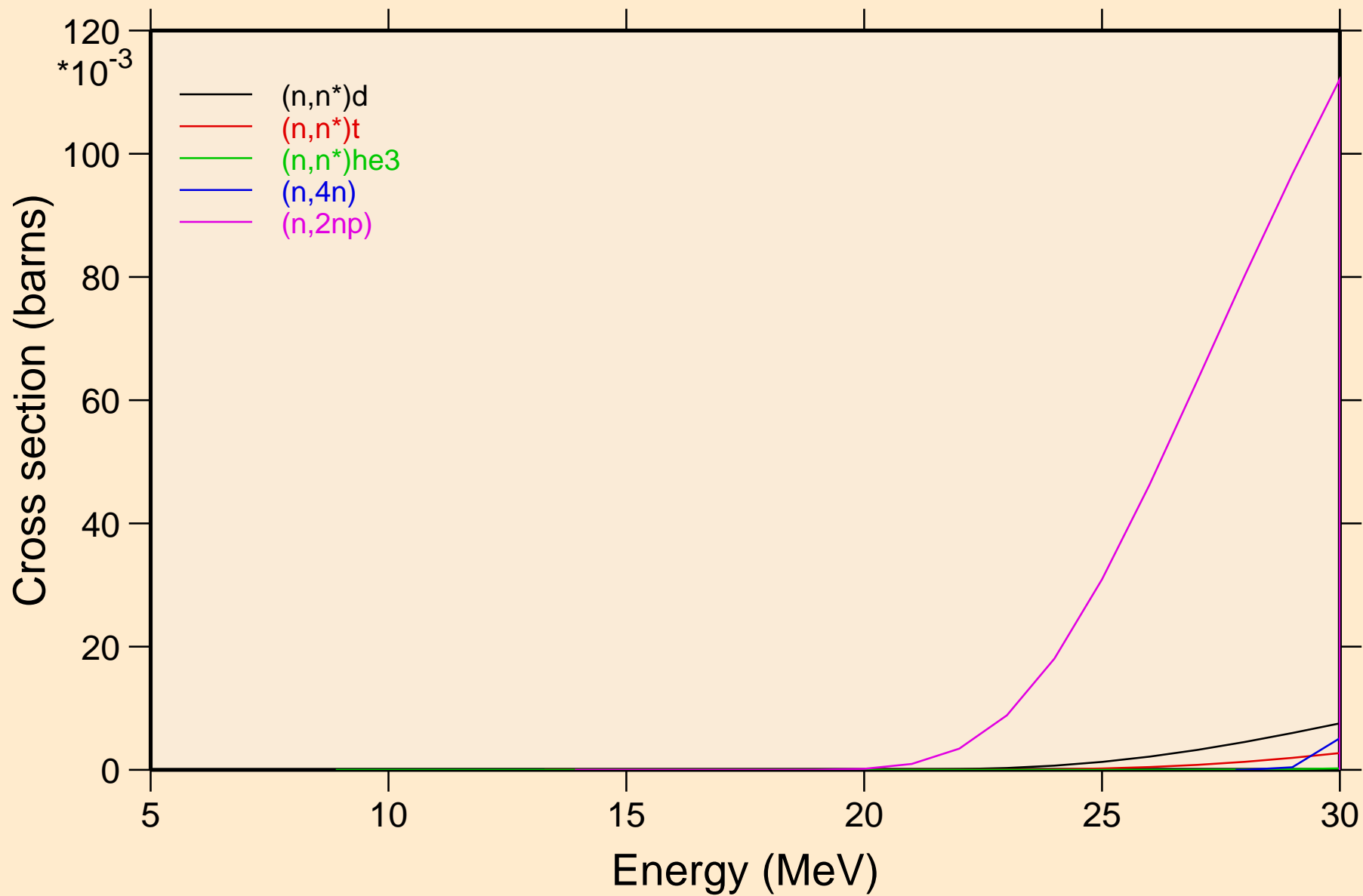


OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

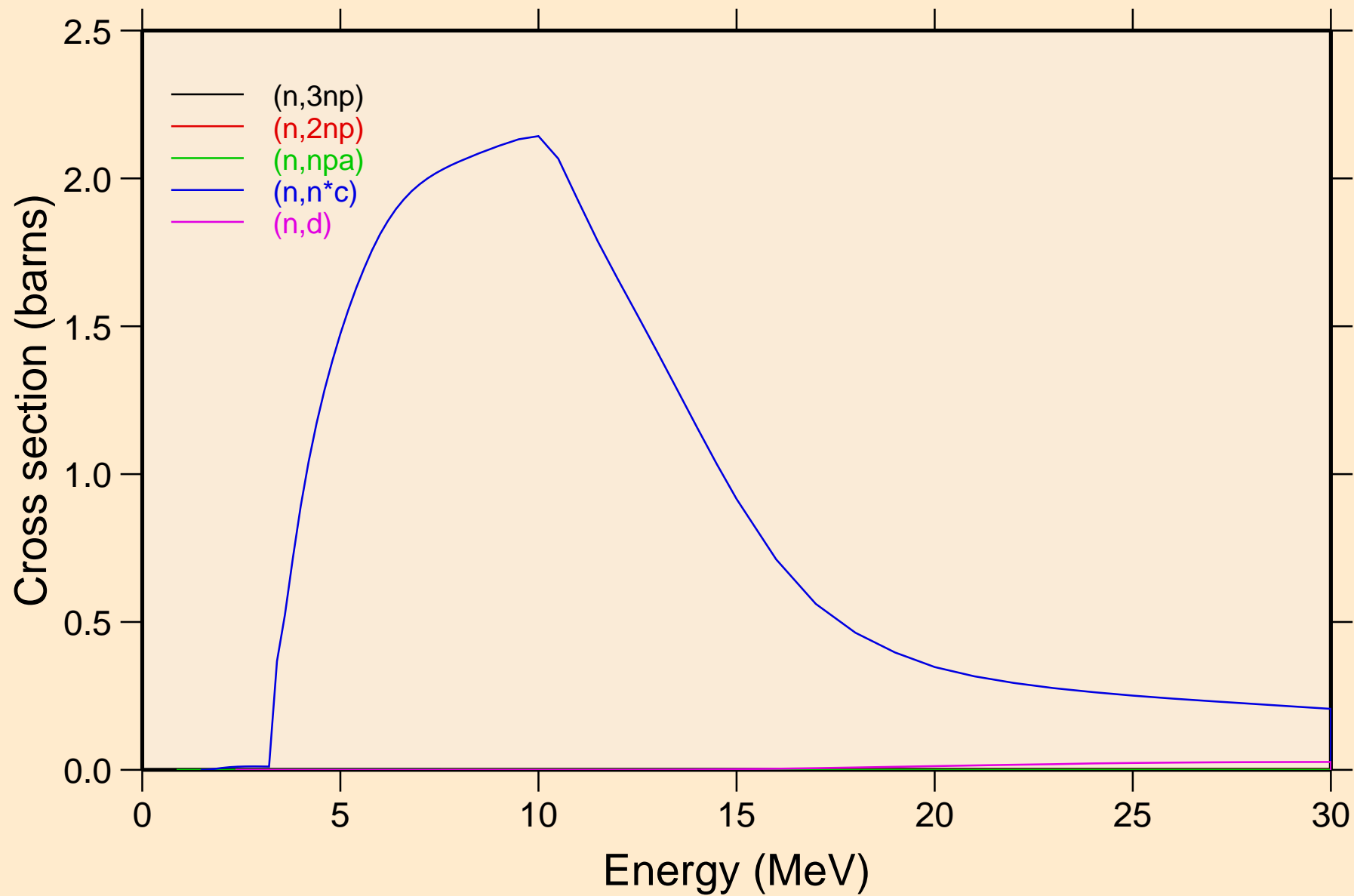


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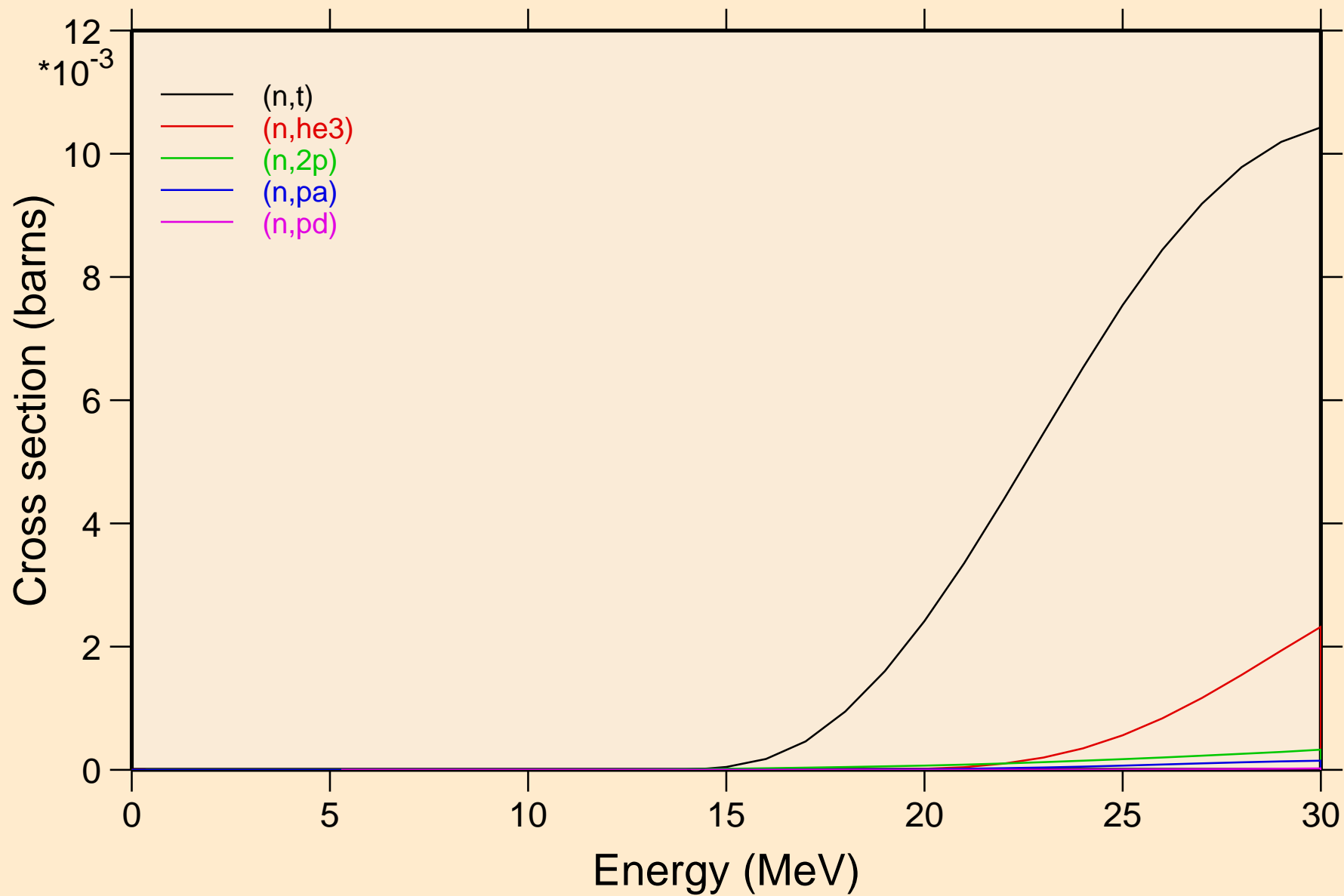
Threshold reactions



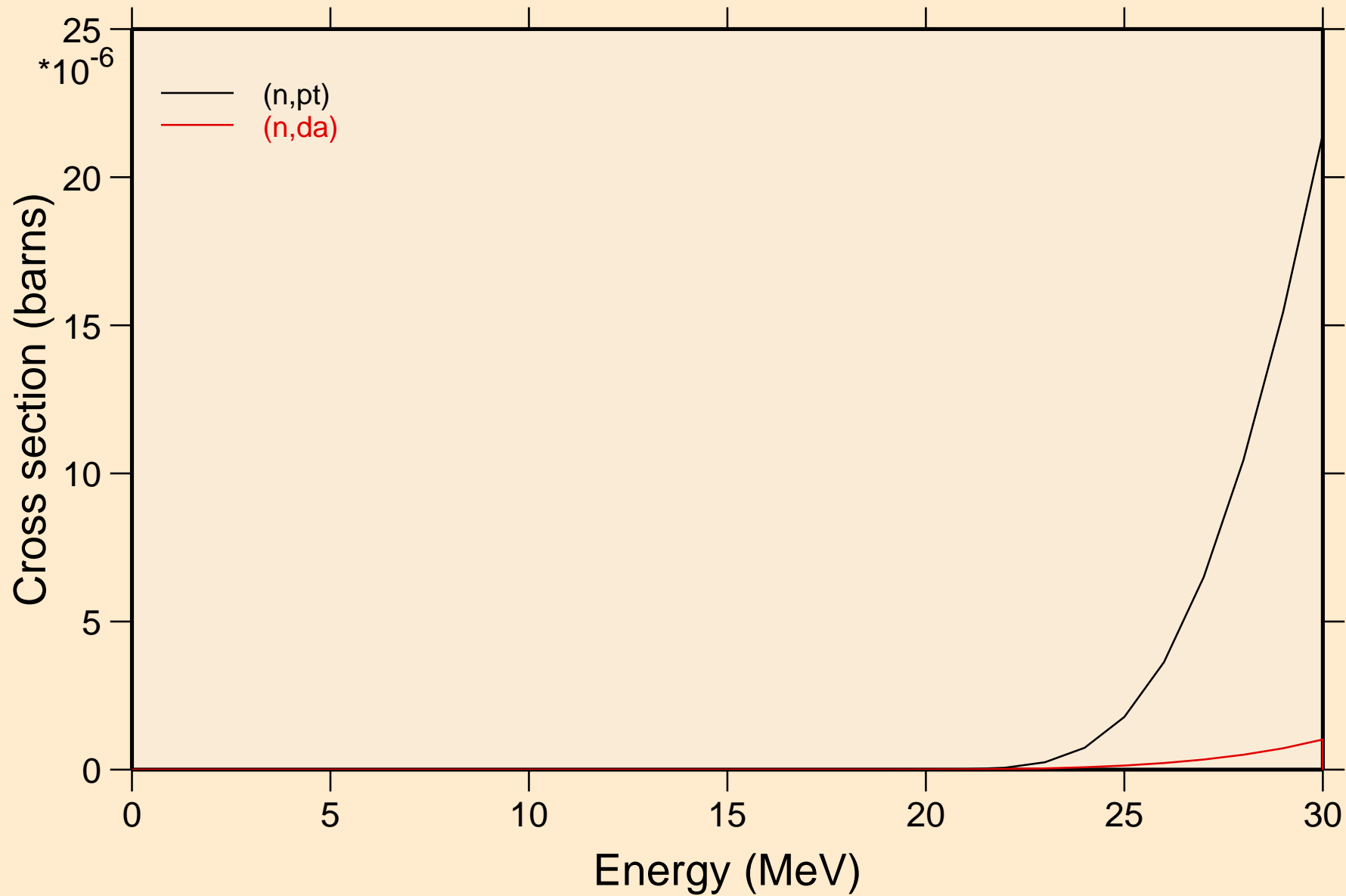
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



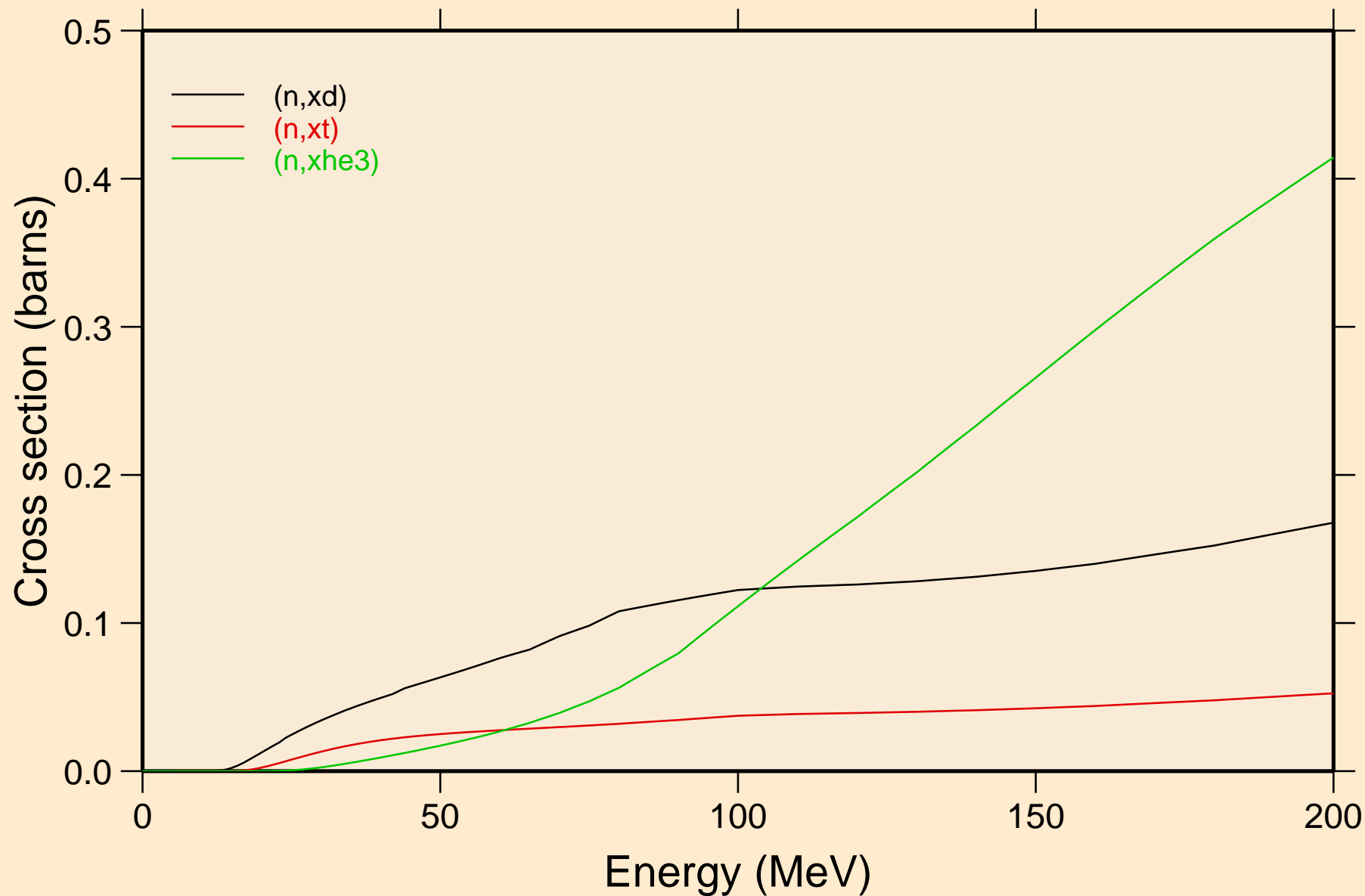
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



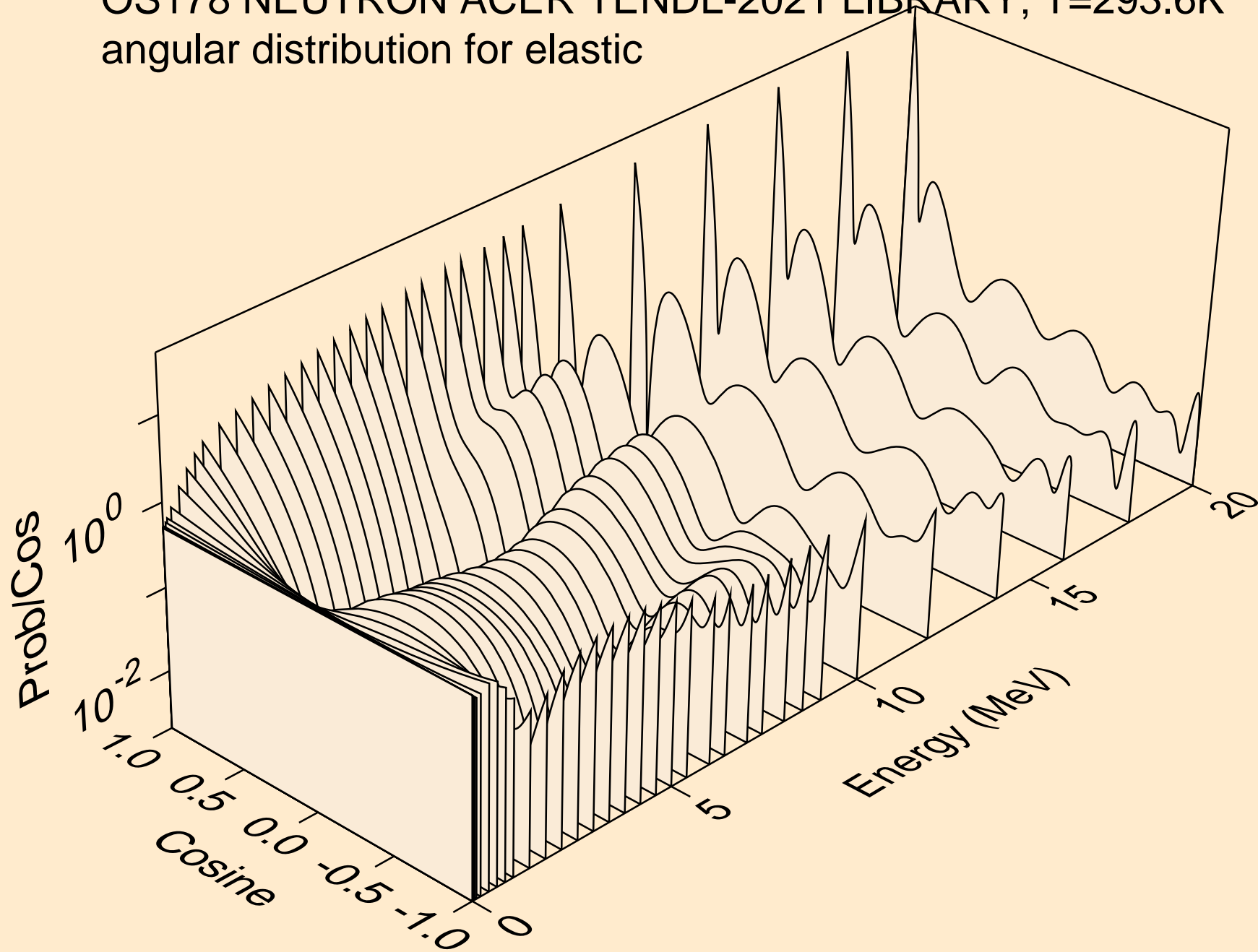
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



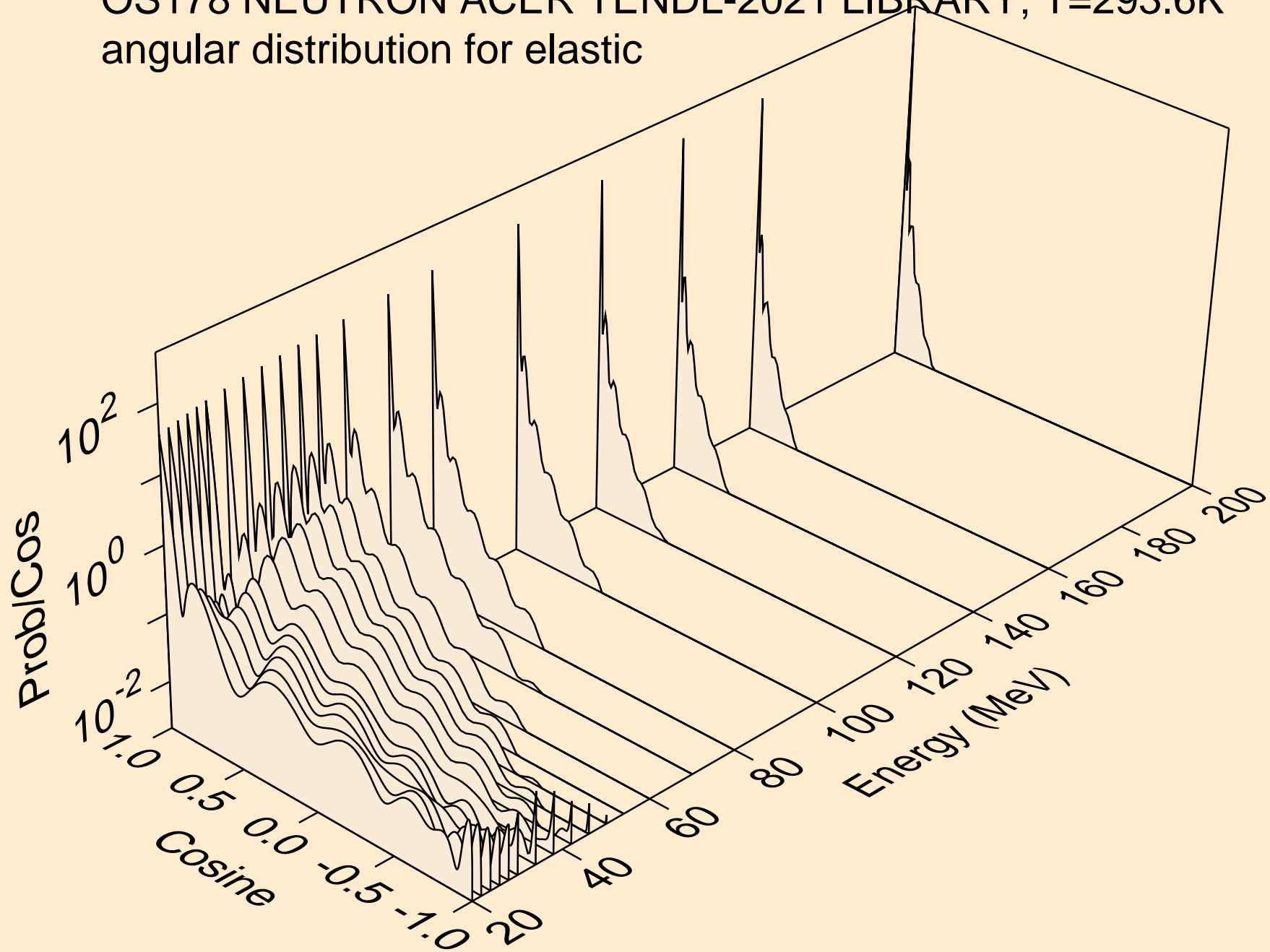
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



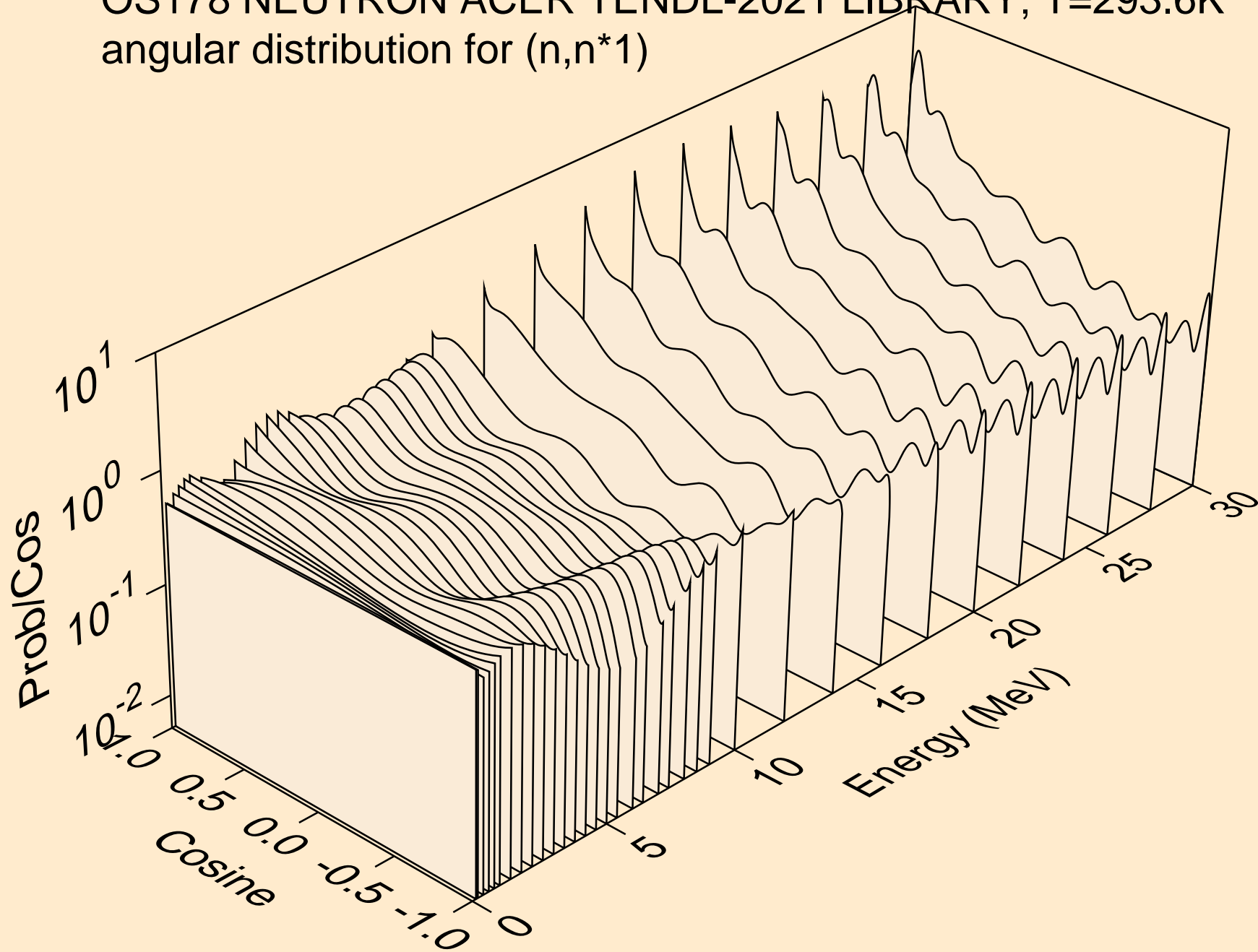
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angular distribution for elastic



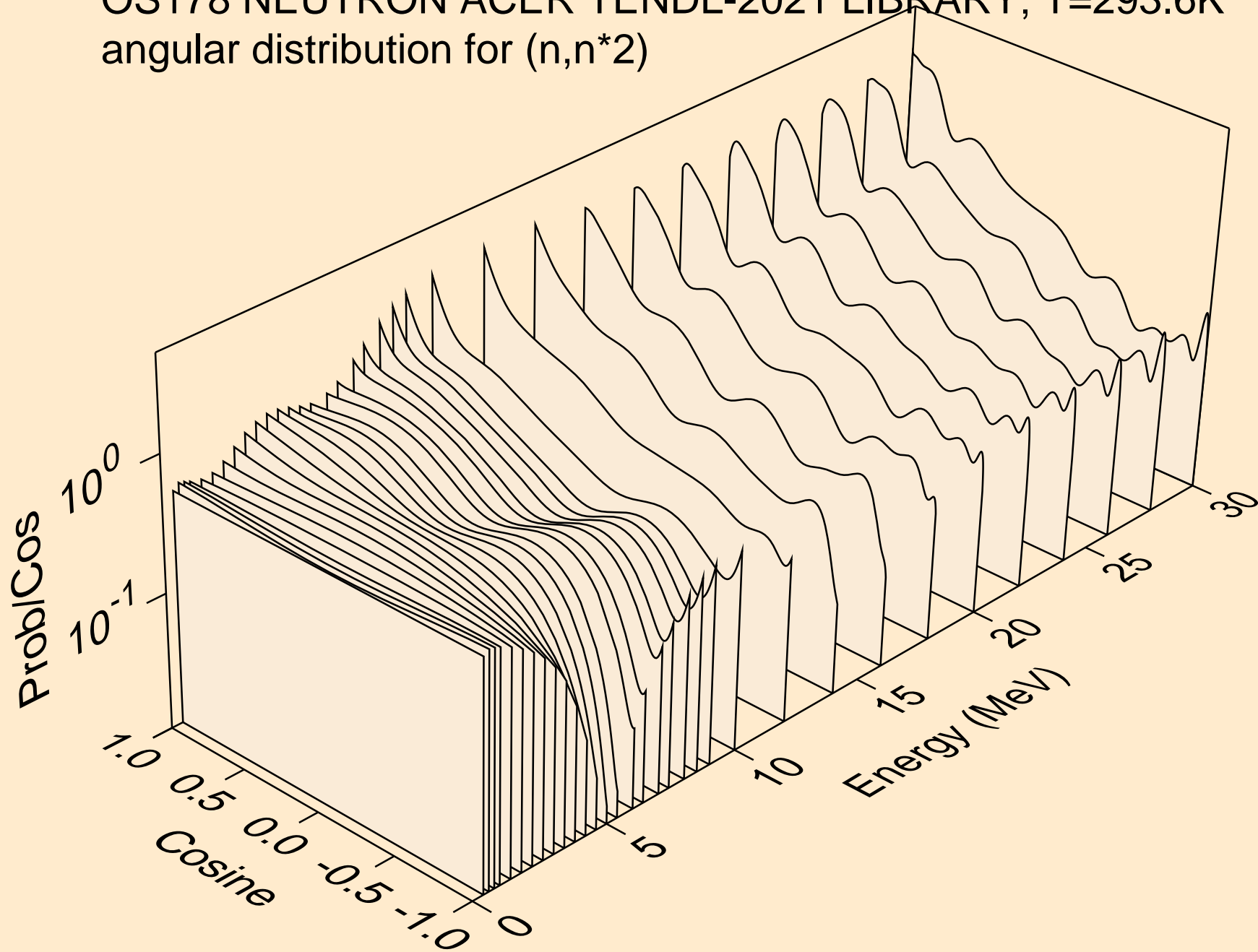
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angular distribution for elastic



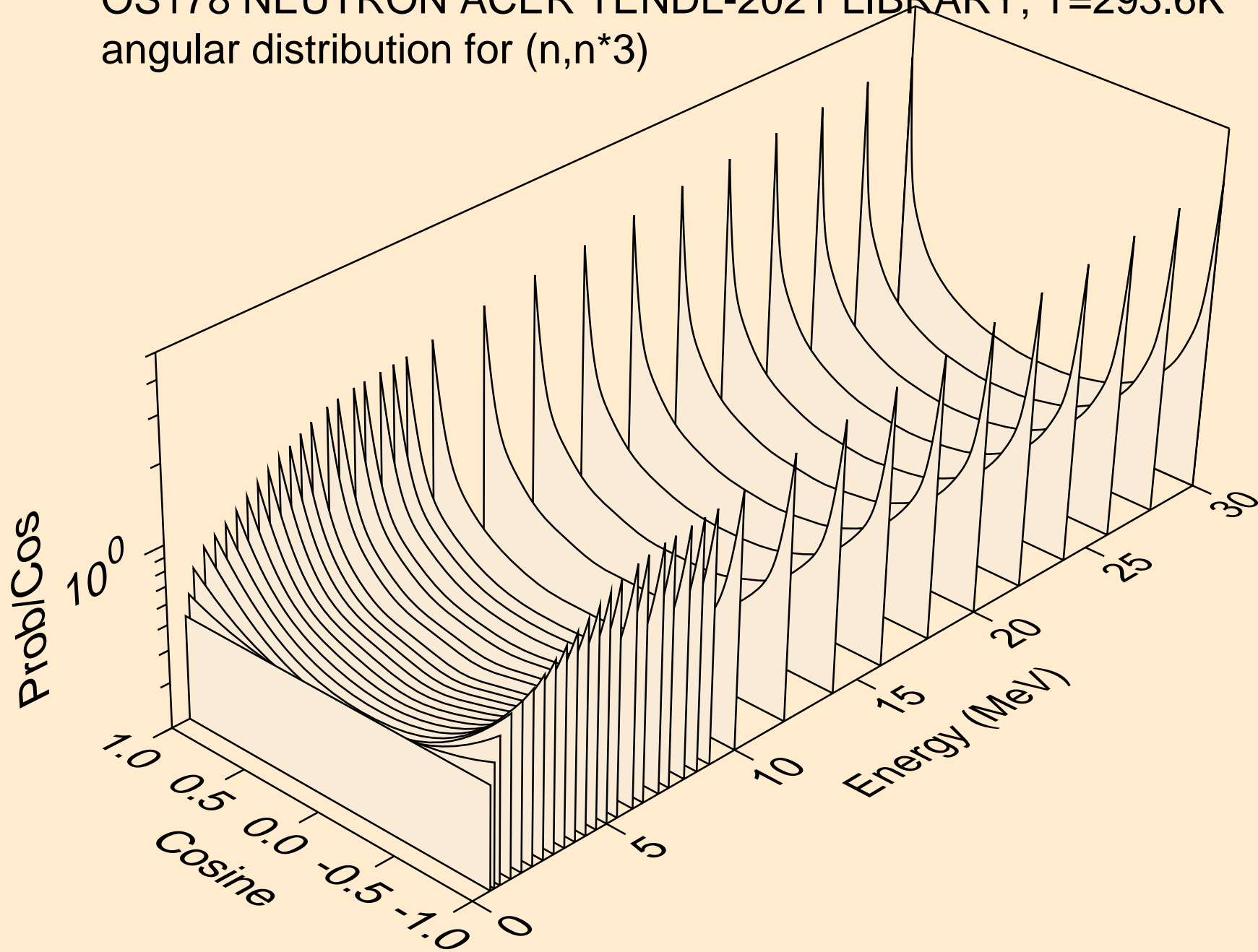
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angular distribution for (n,n*1)



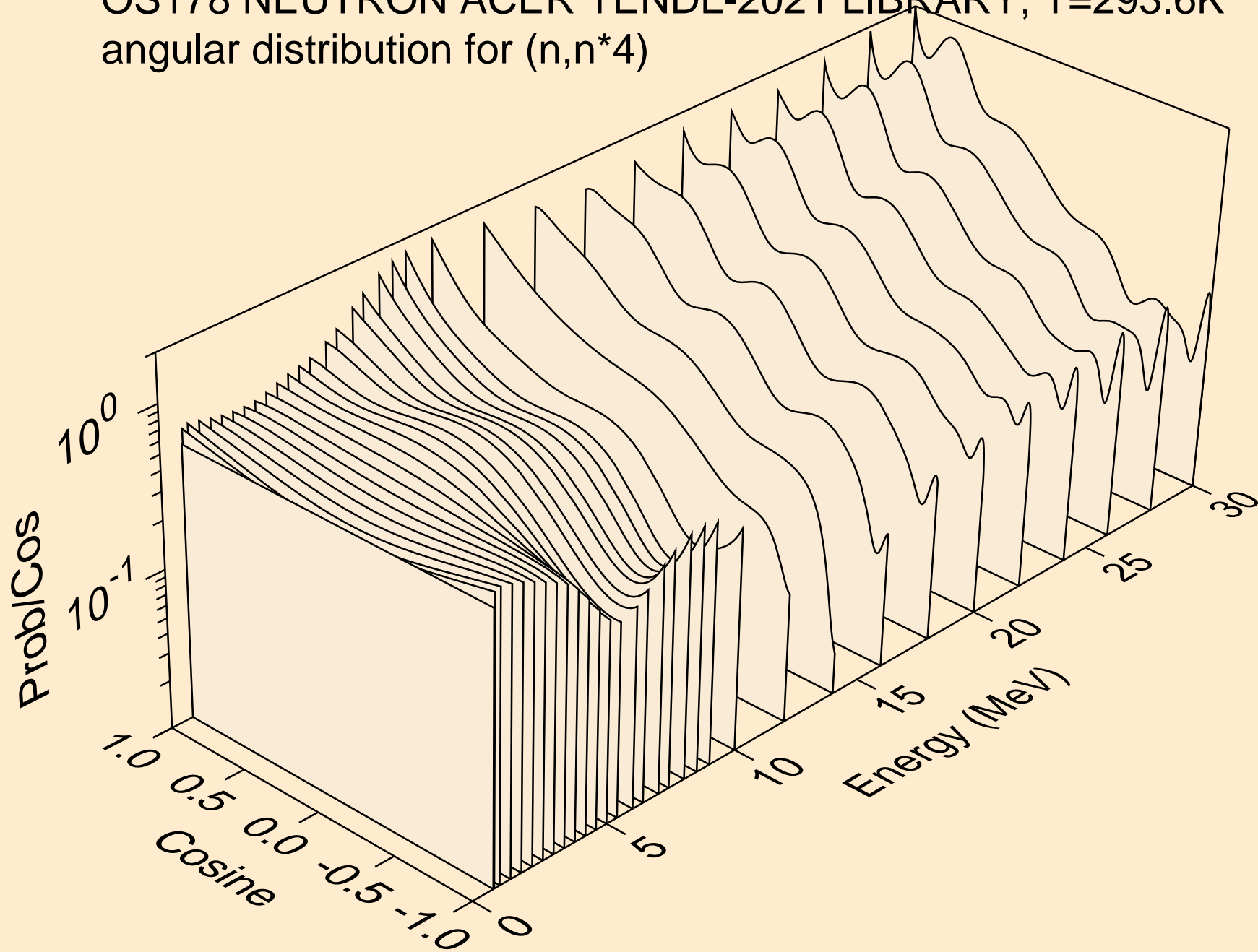
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angular distribution for (n,n*2)



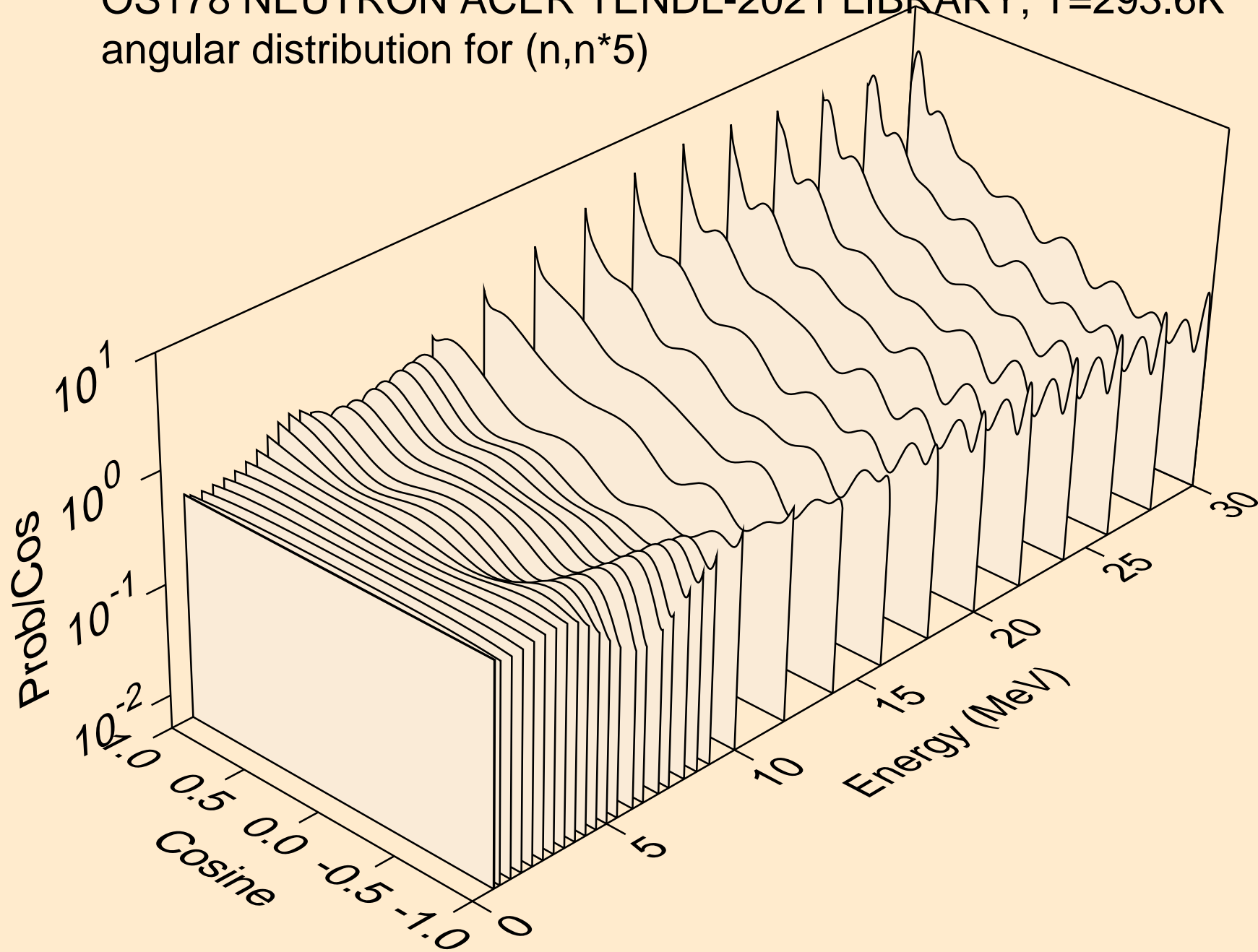
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angular distribution for (n,n*3)



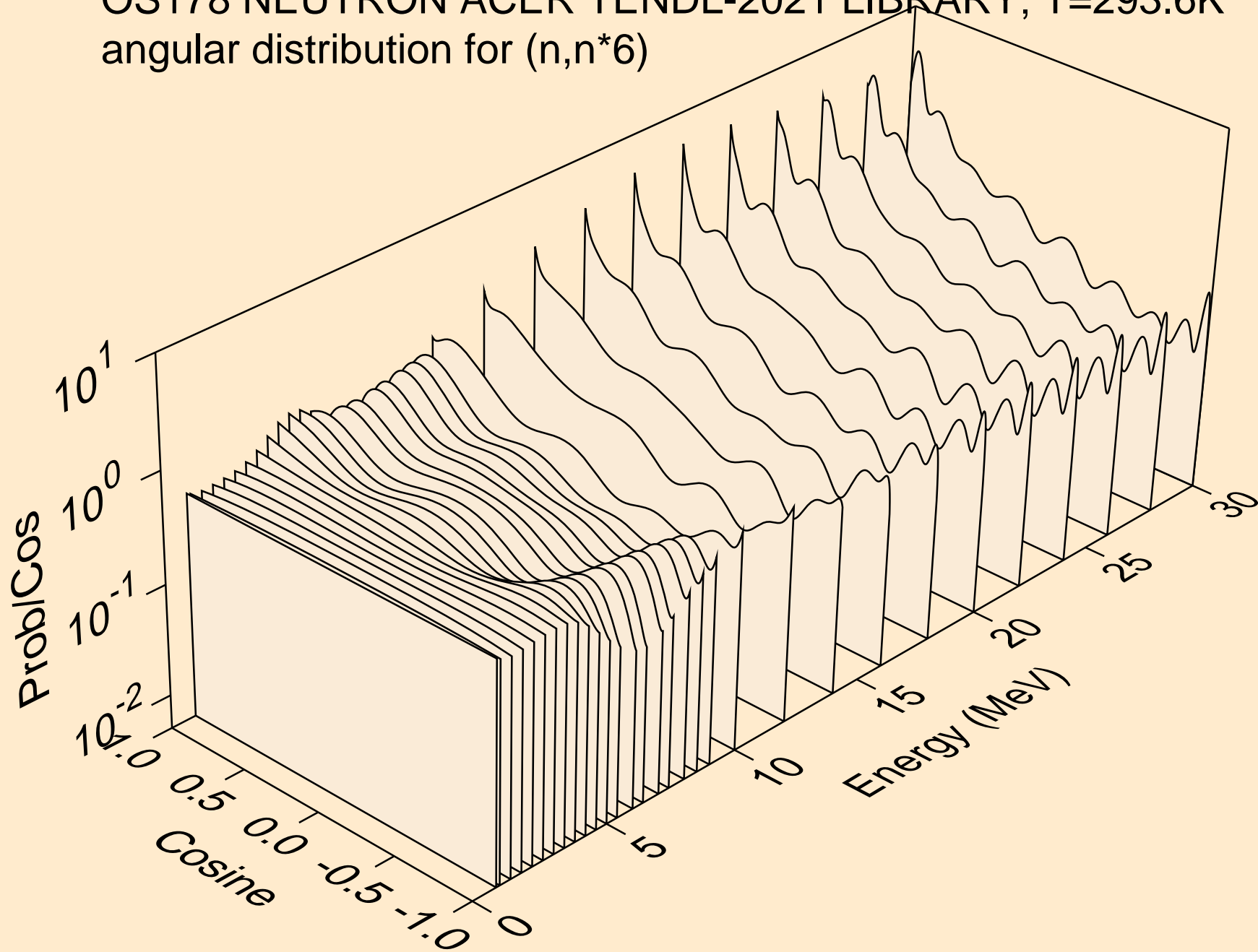
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angular distribution for (n,n*4)



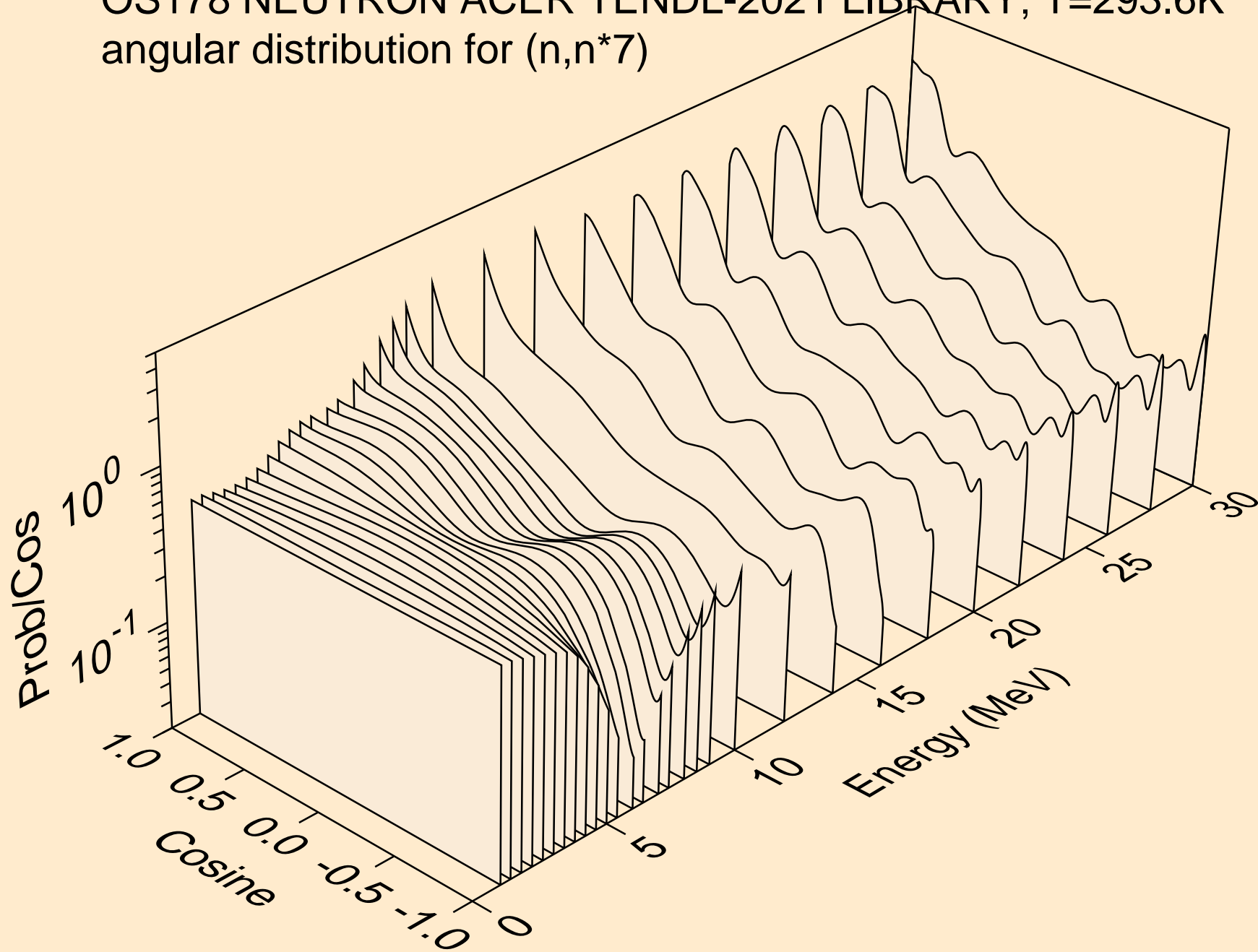
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angular distribution for (n,n*5)



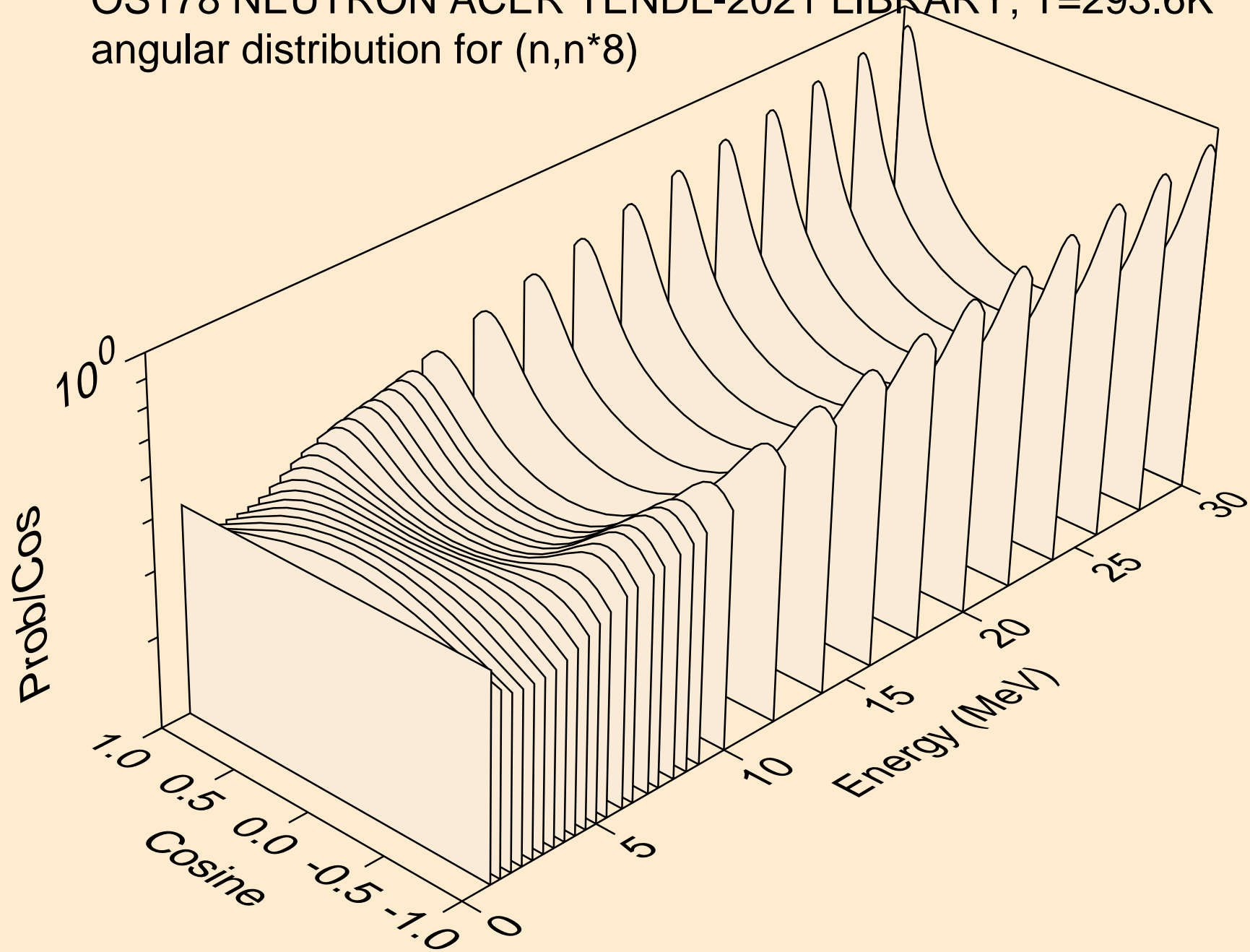
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angular distribution for (n,n*6)



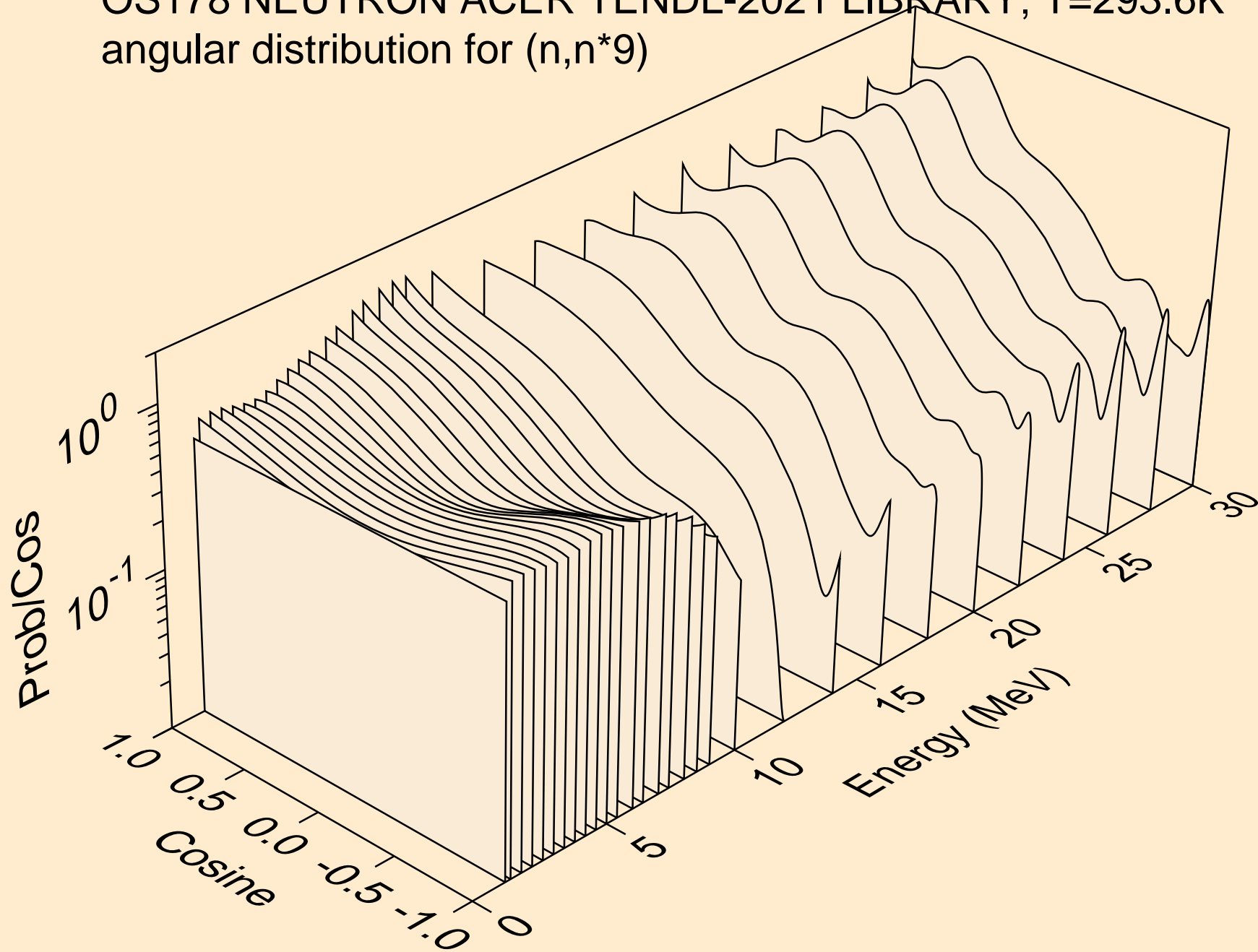
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angular distribution for (n,n*7)



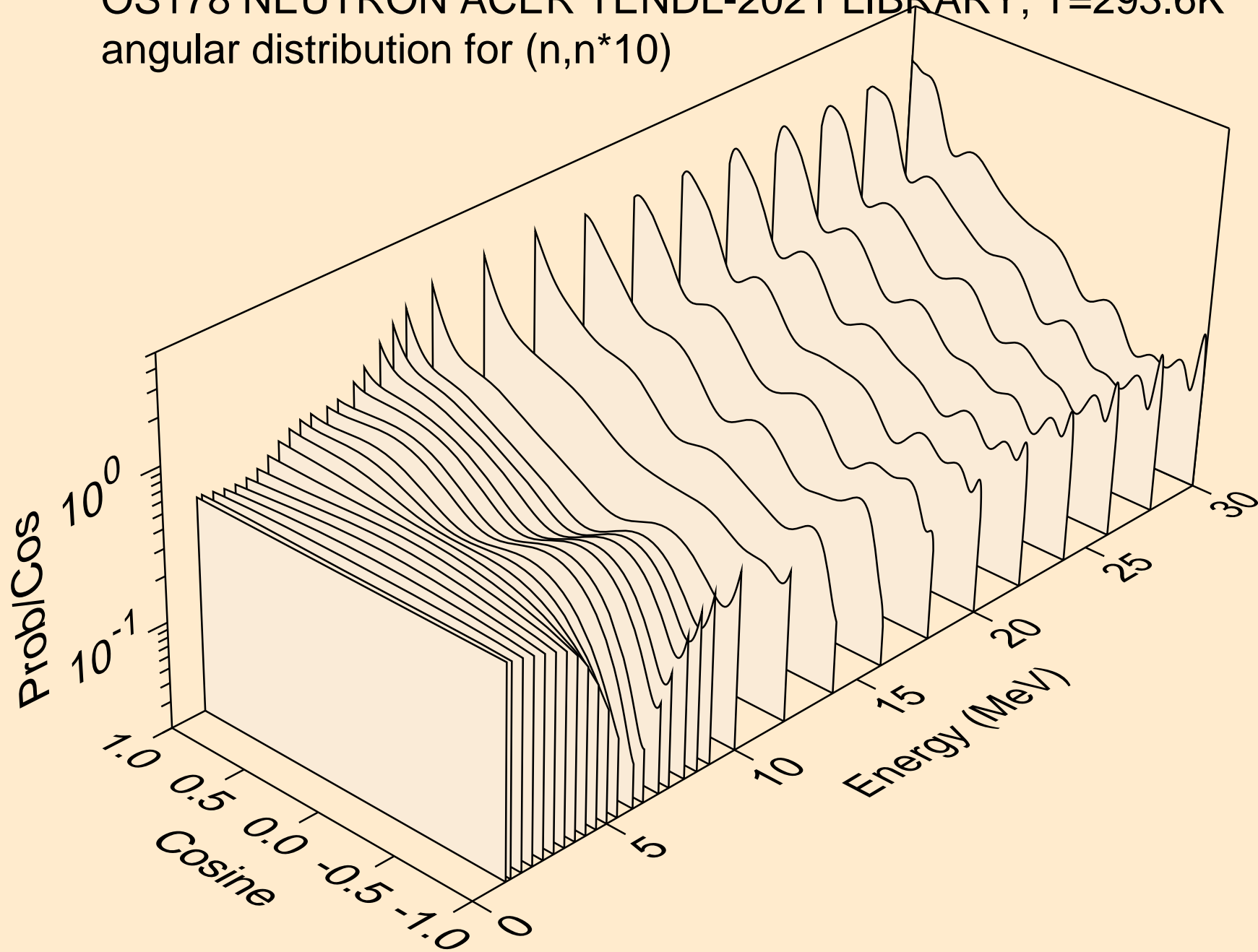
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angular distribution for (n,n*8)



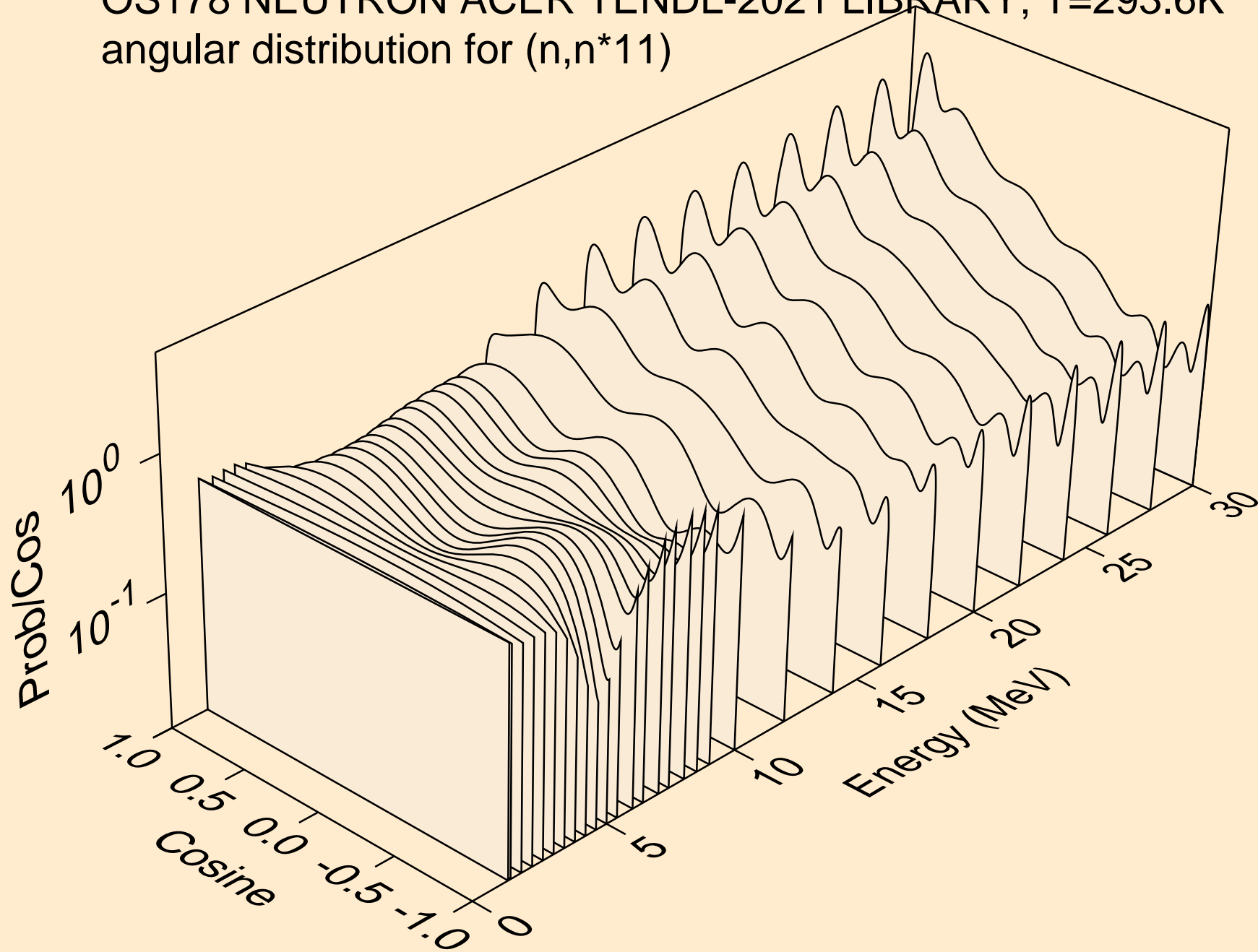
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angular distribution for (n,n*9)



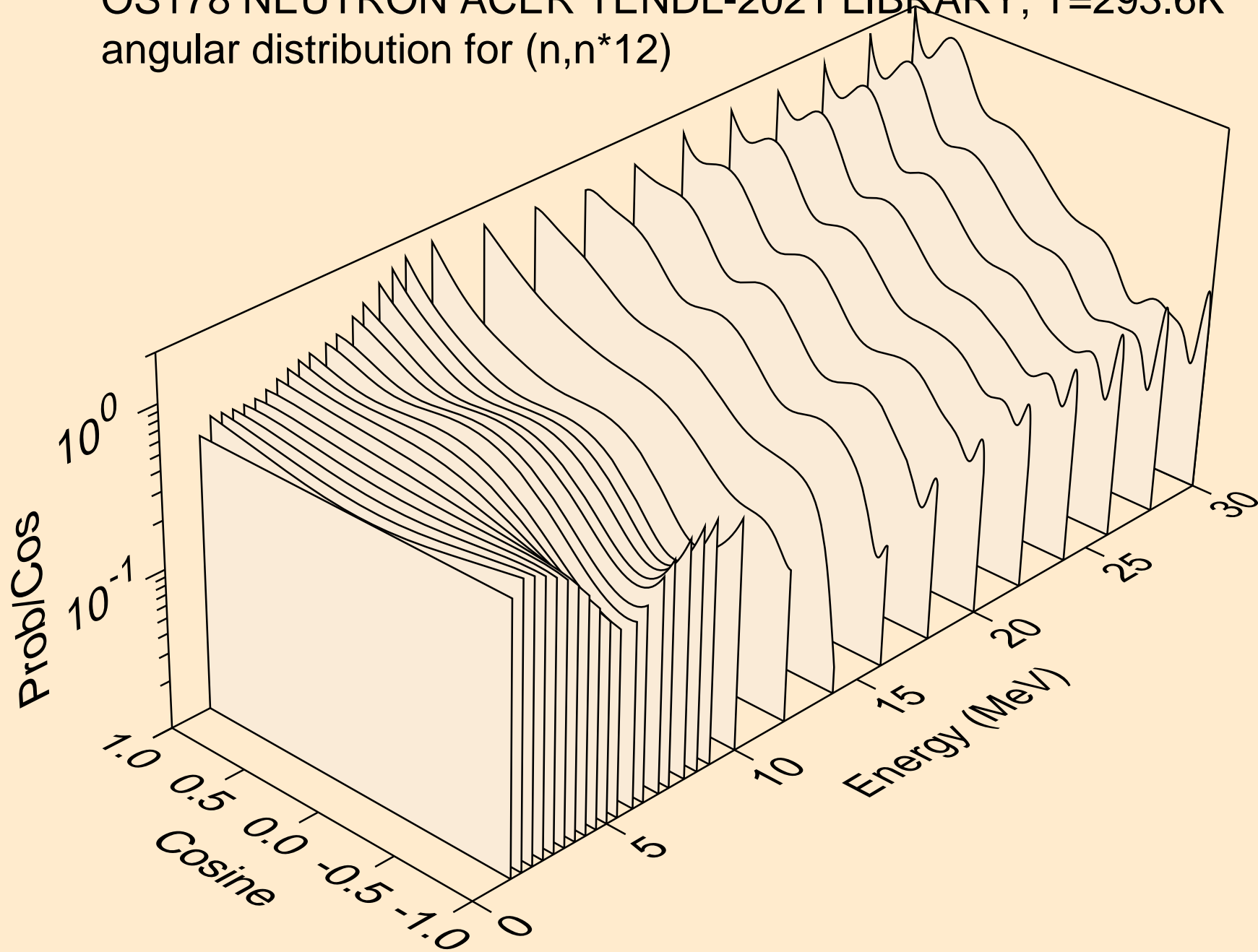
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angular distribution for (n,n*10)



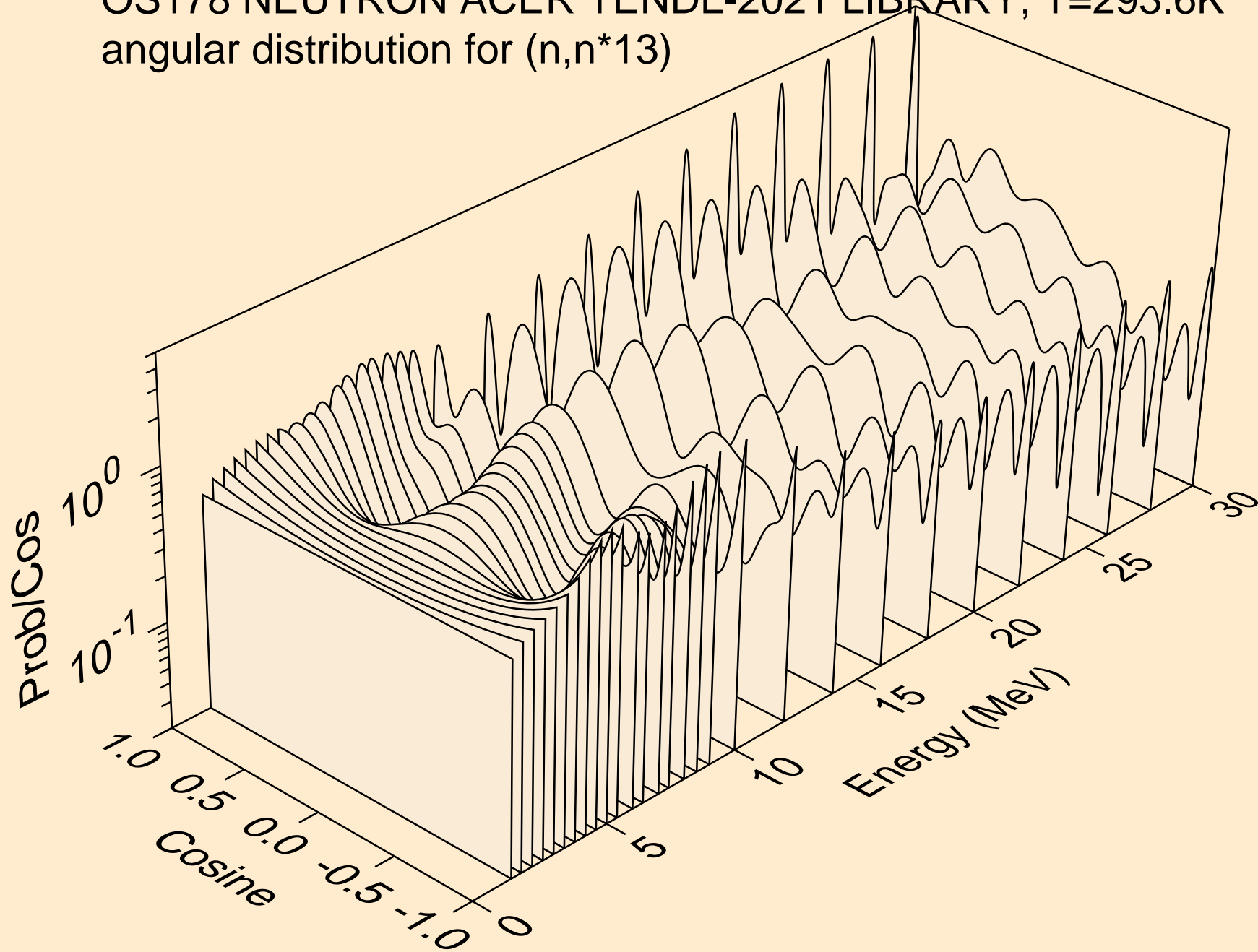
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angular distribution for (n,n*11)



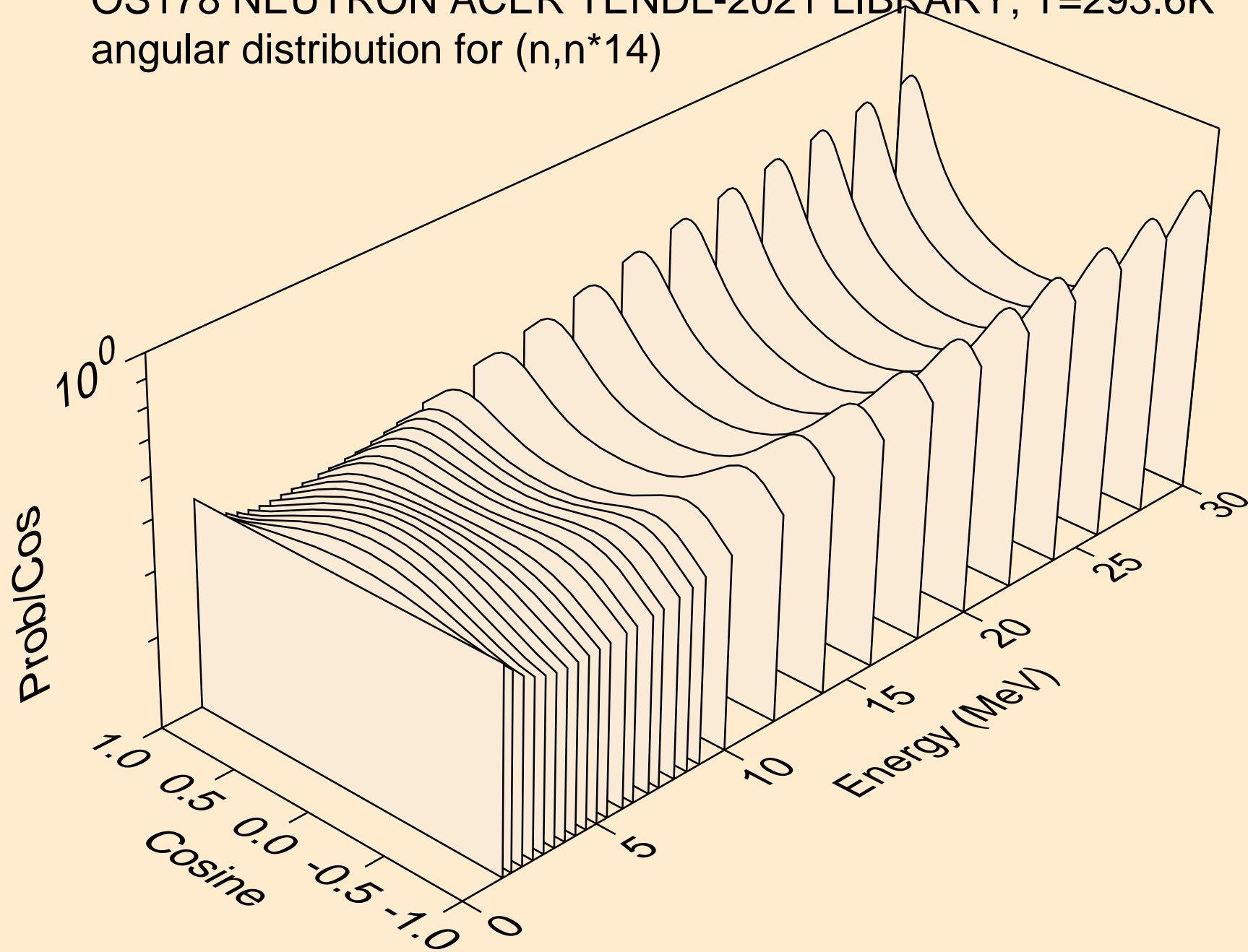
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angular distribution for (n,n*12)



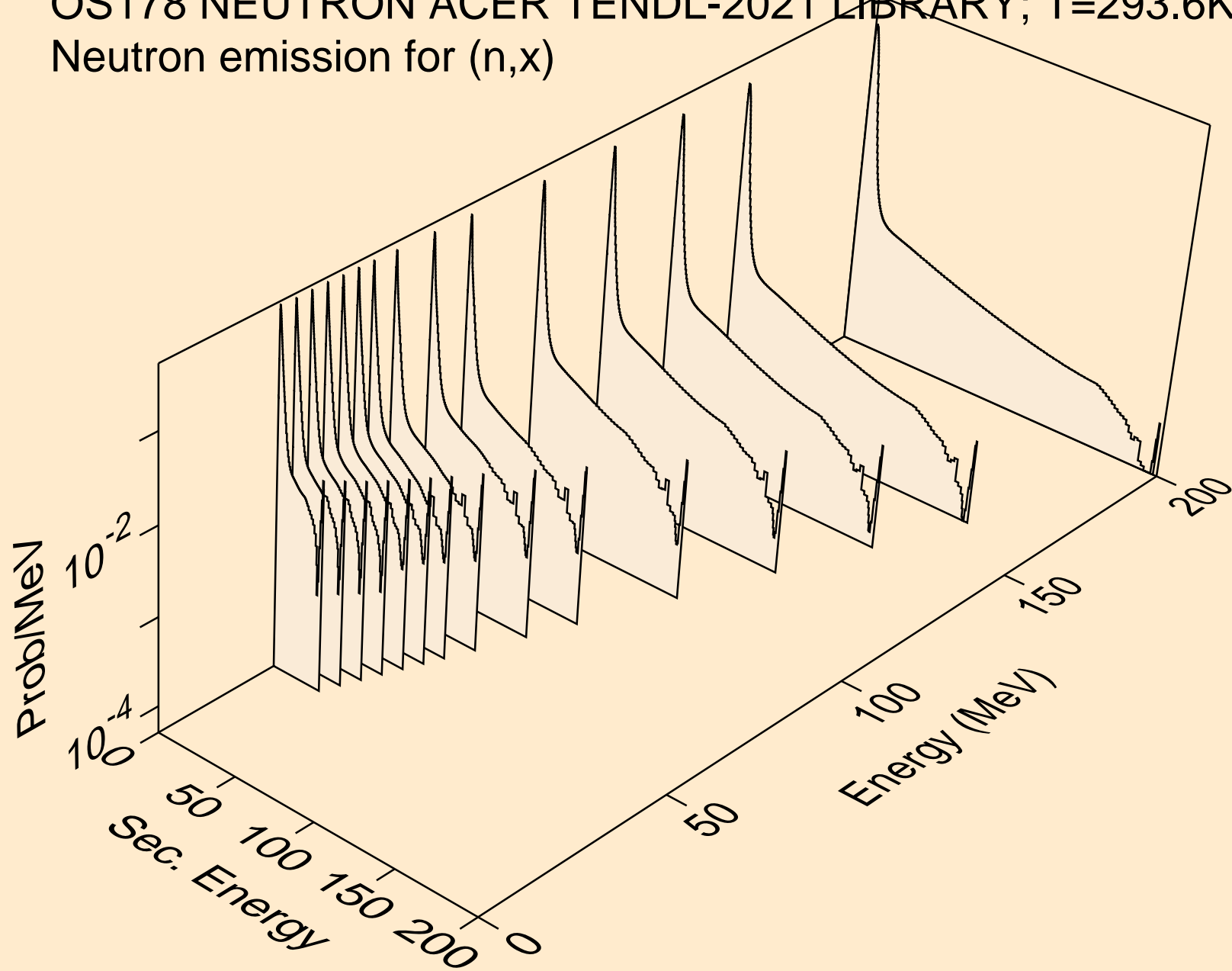
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angular distribution for (n,n*13)



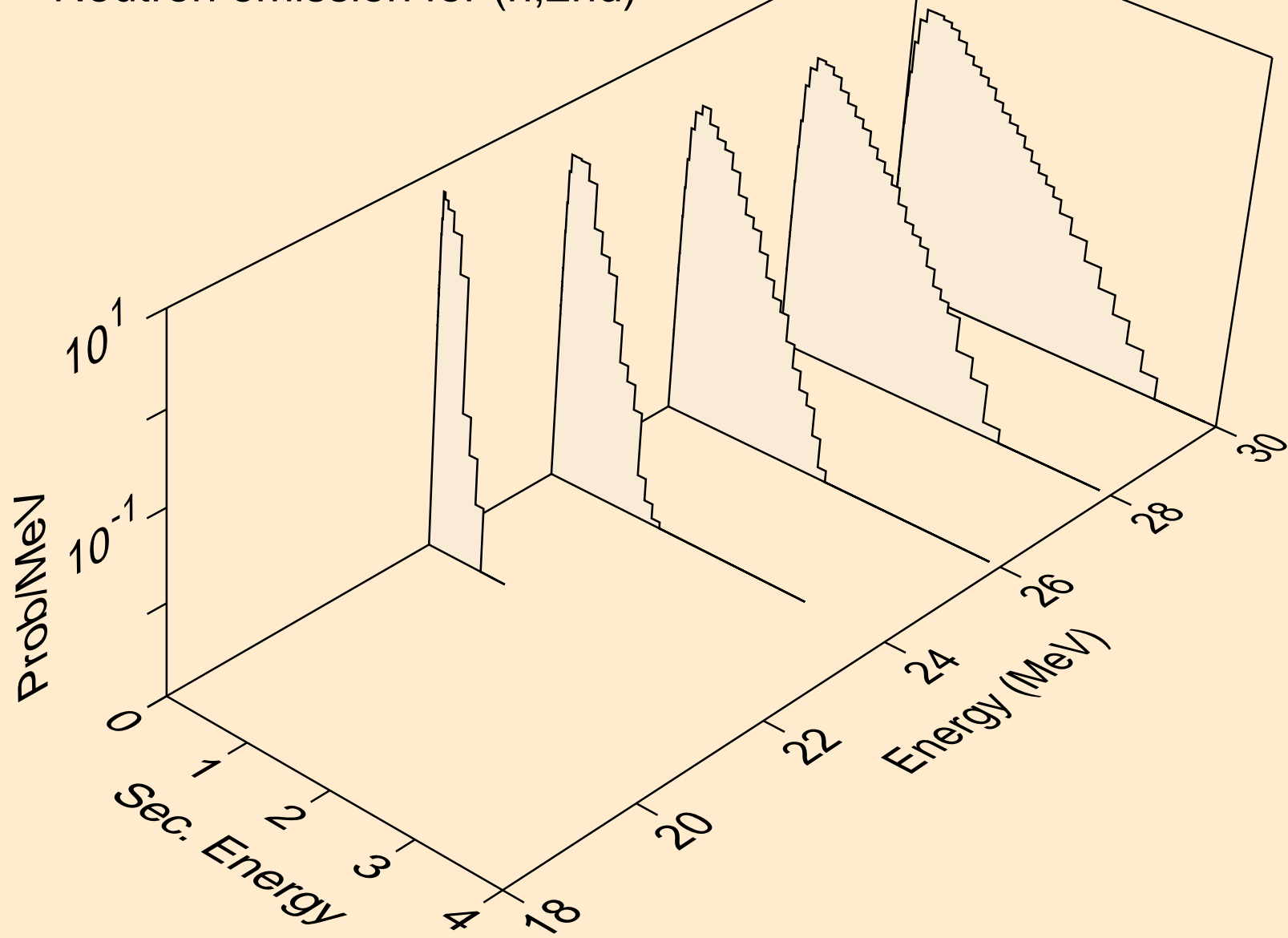
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angular distribution for (n,n*14)



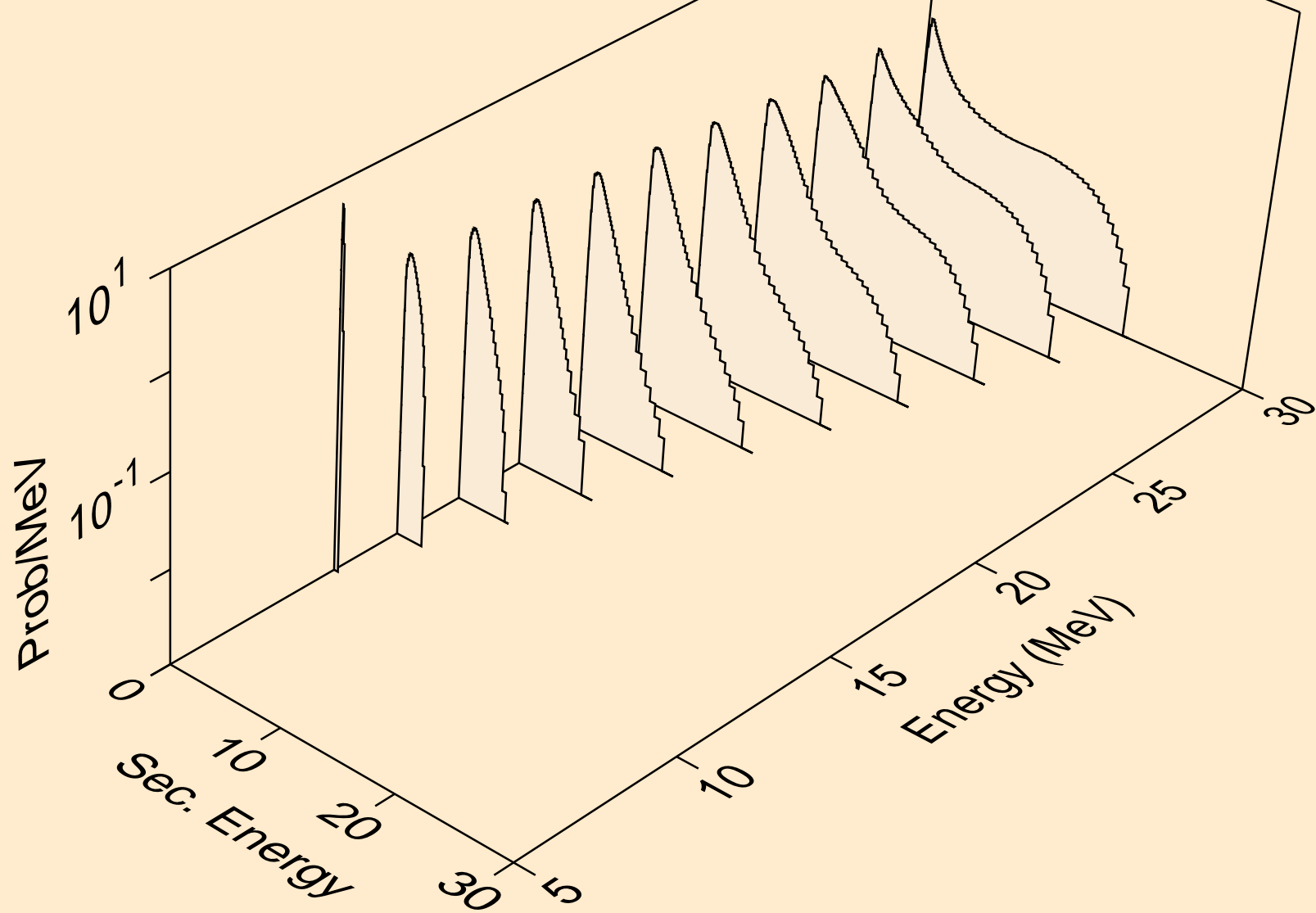
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,x)



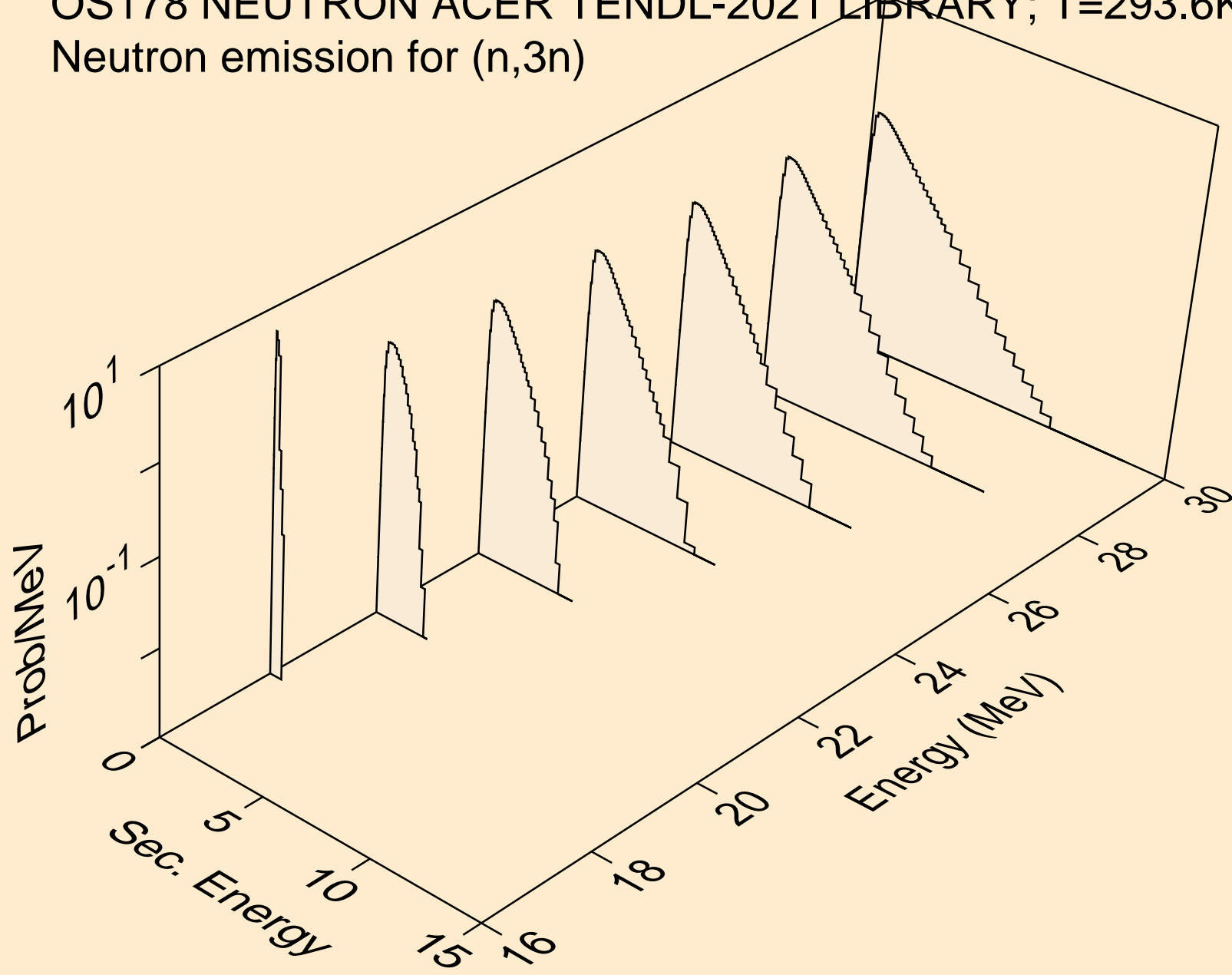
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



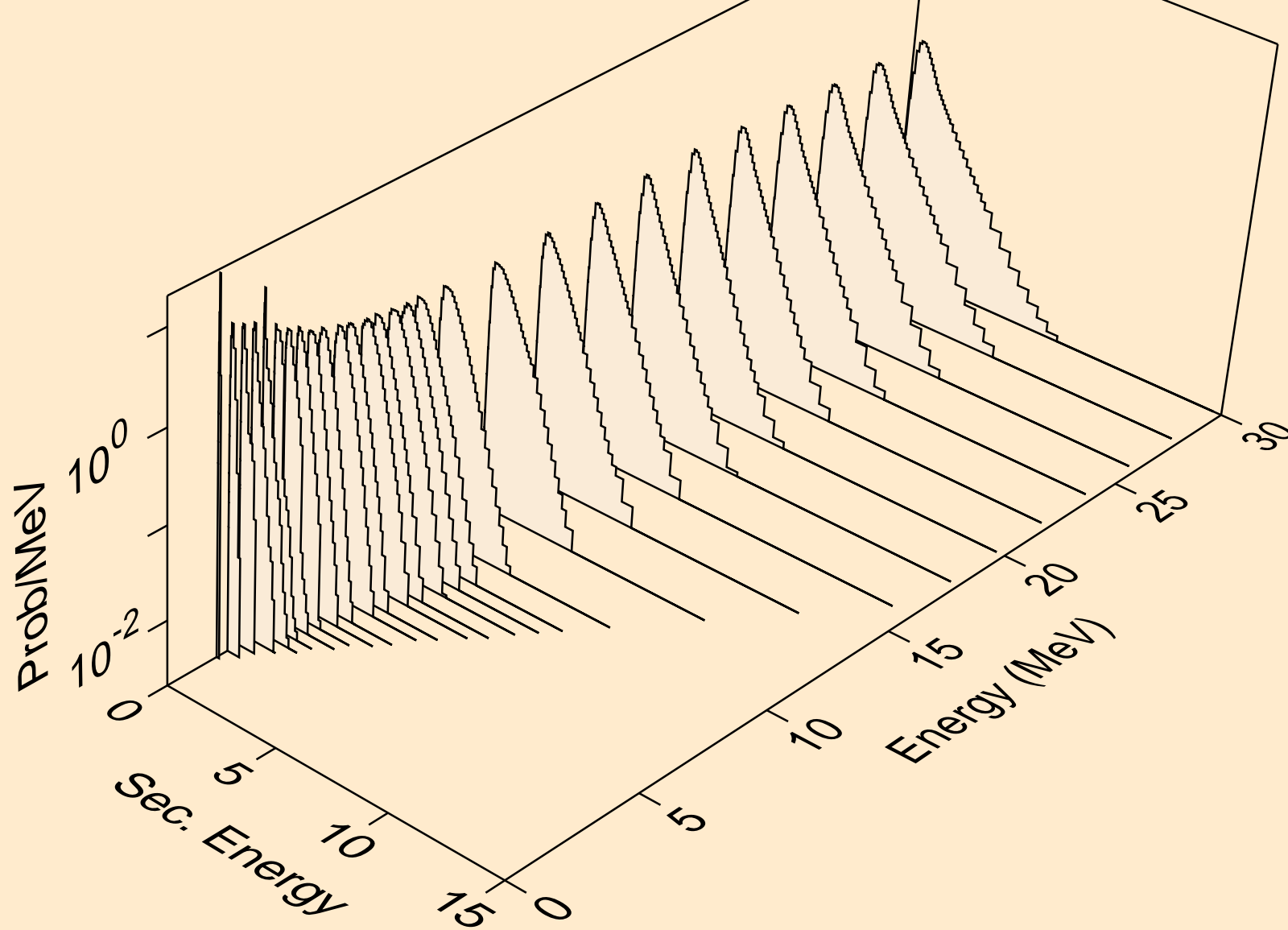
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)



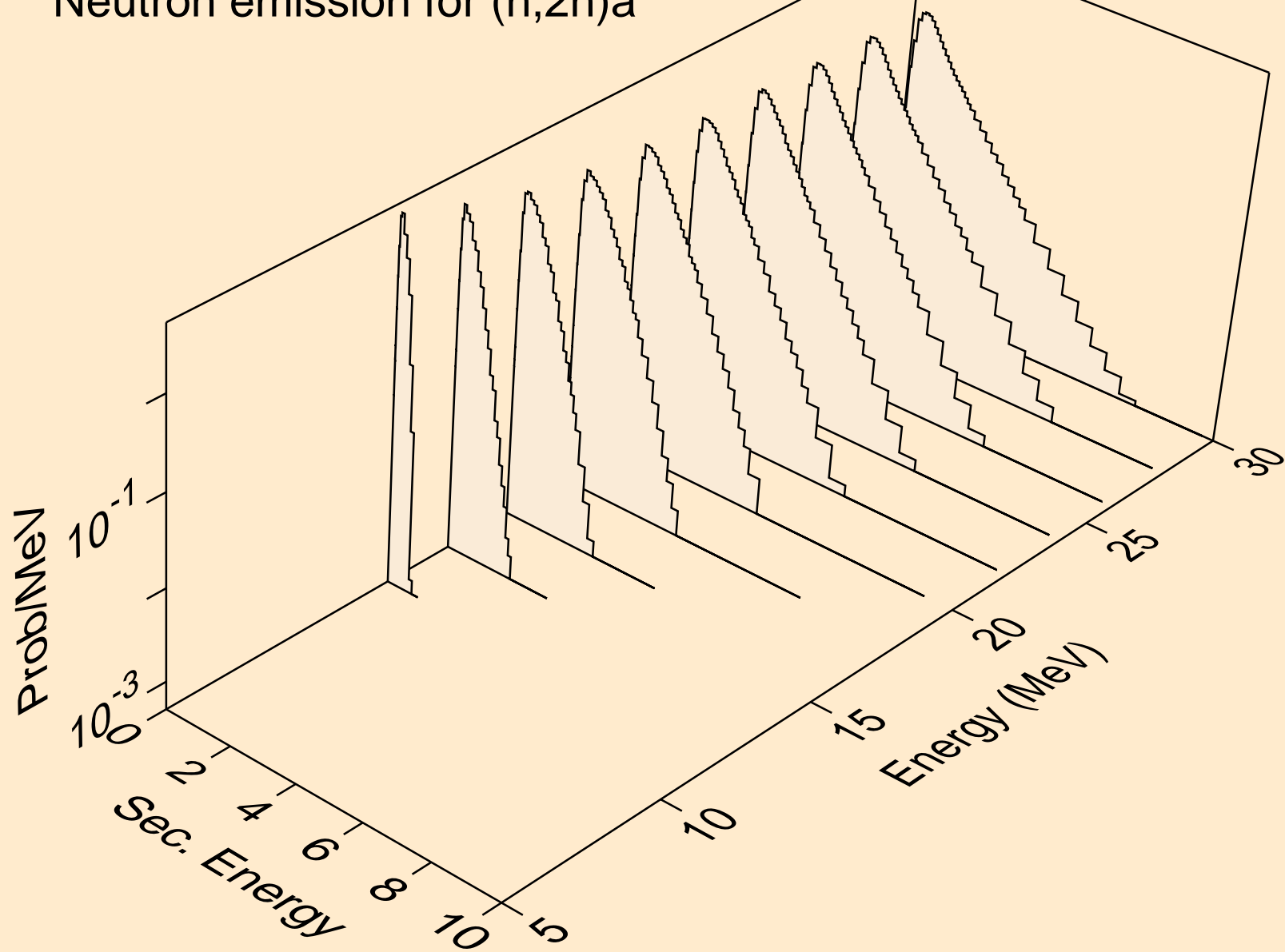
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)



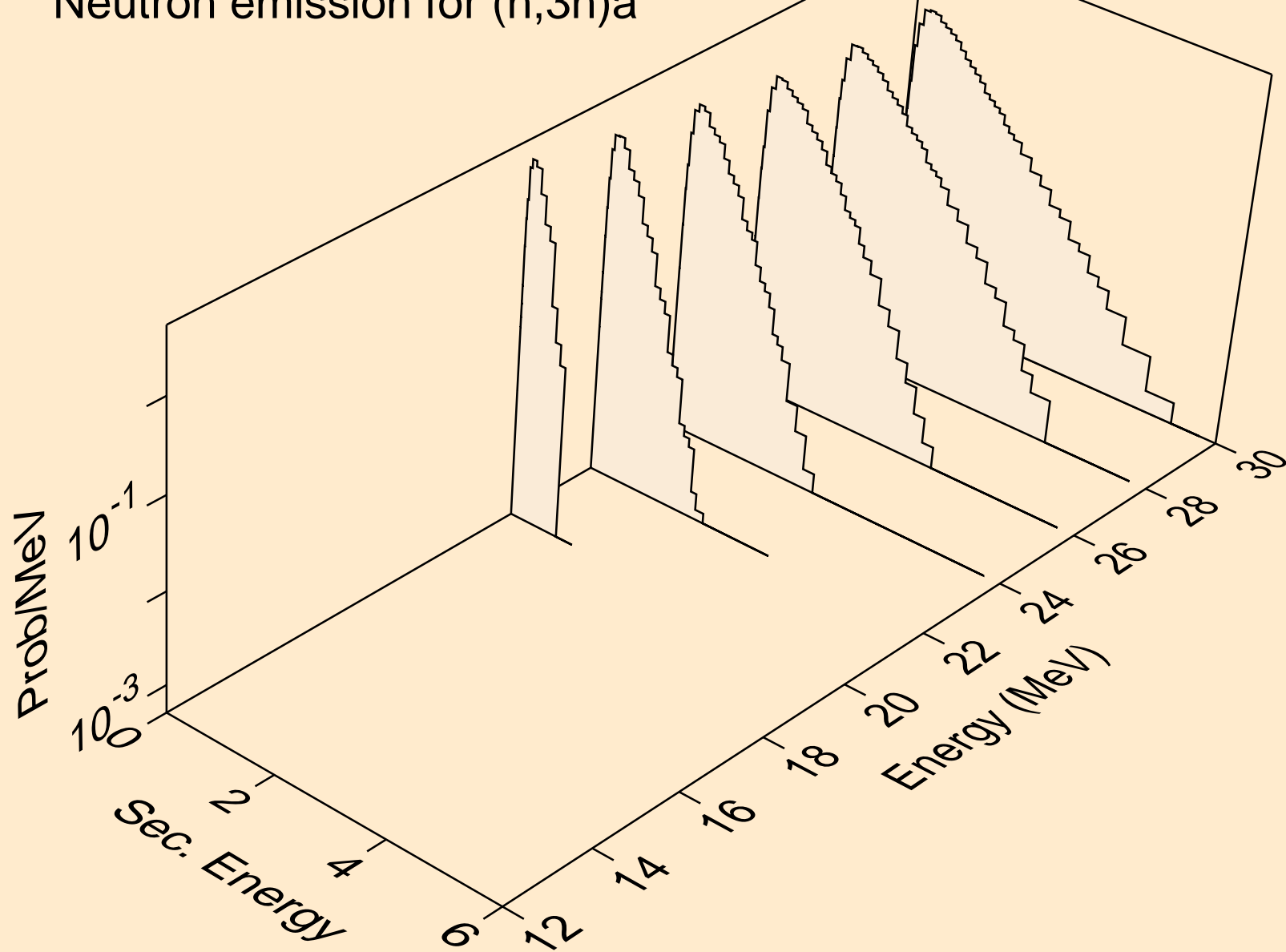
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



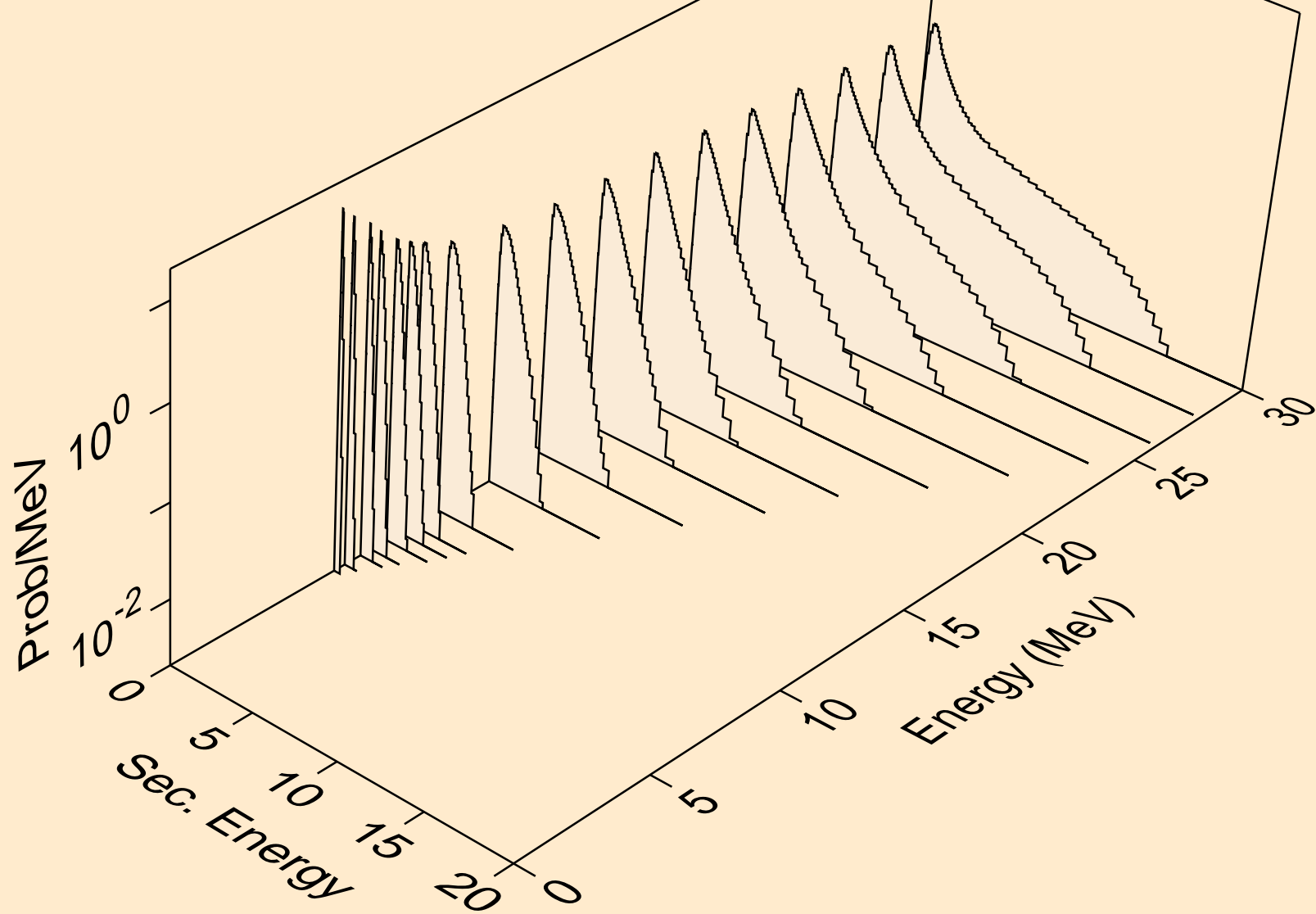
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



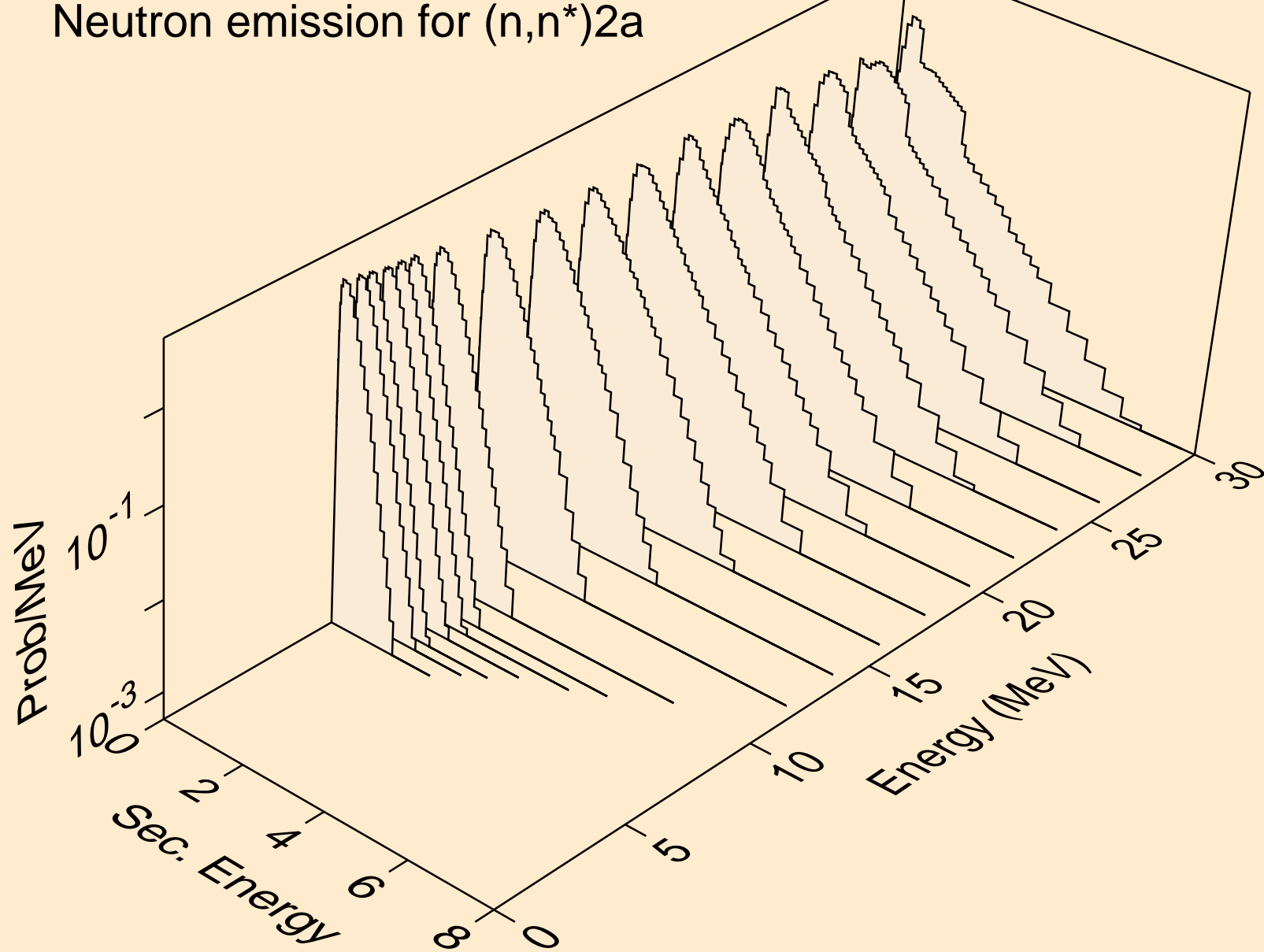
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



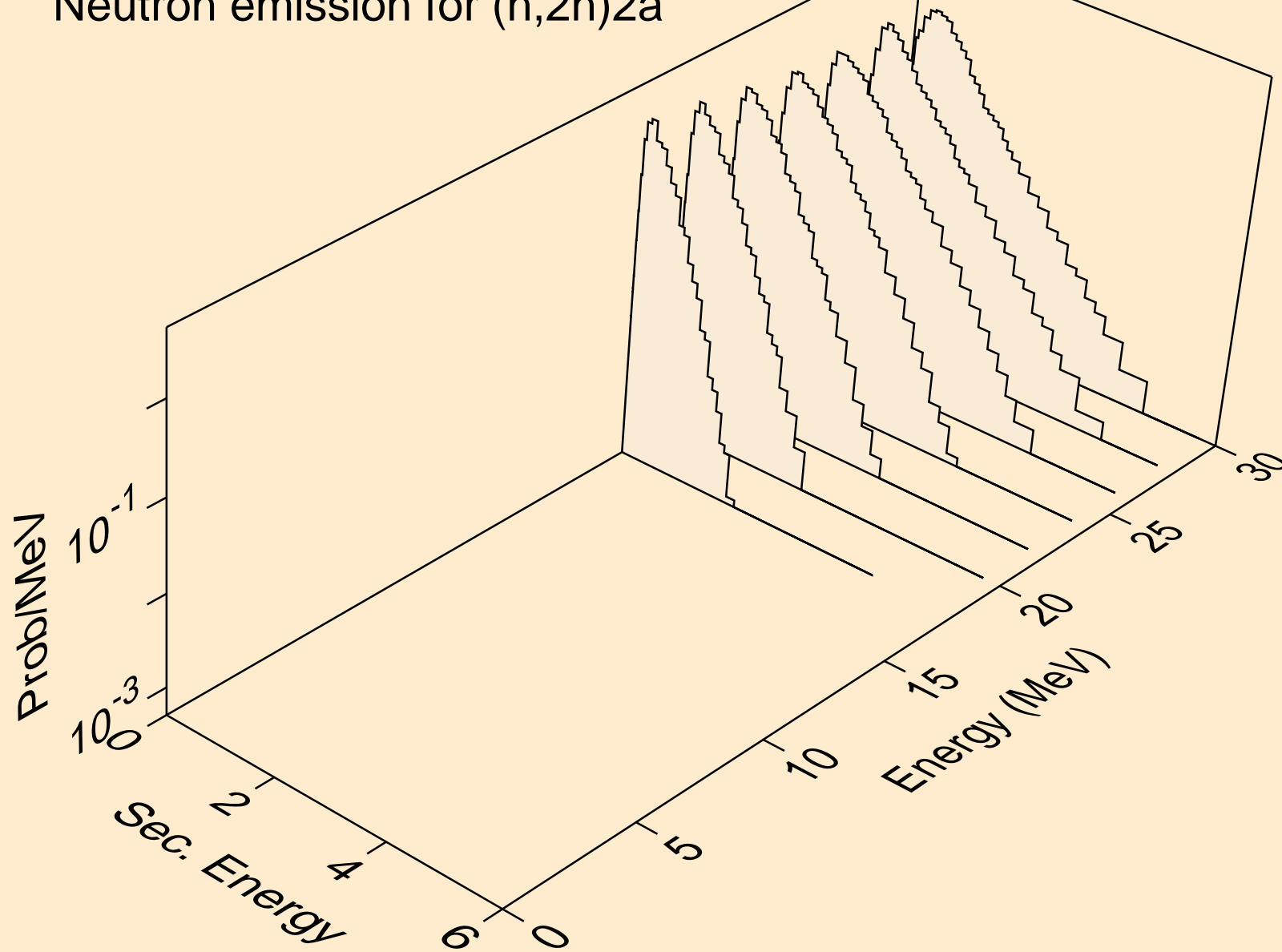
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



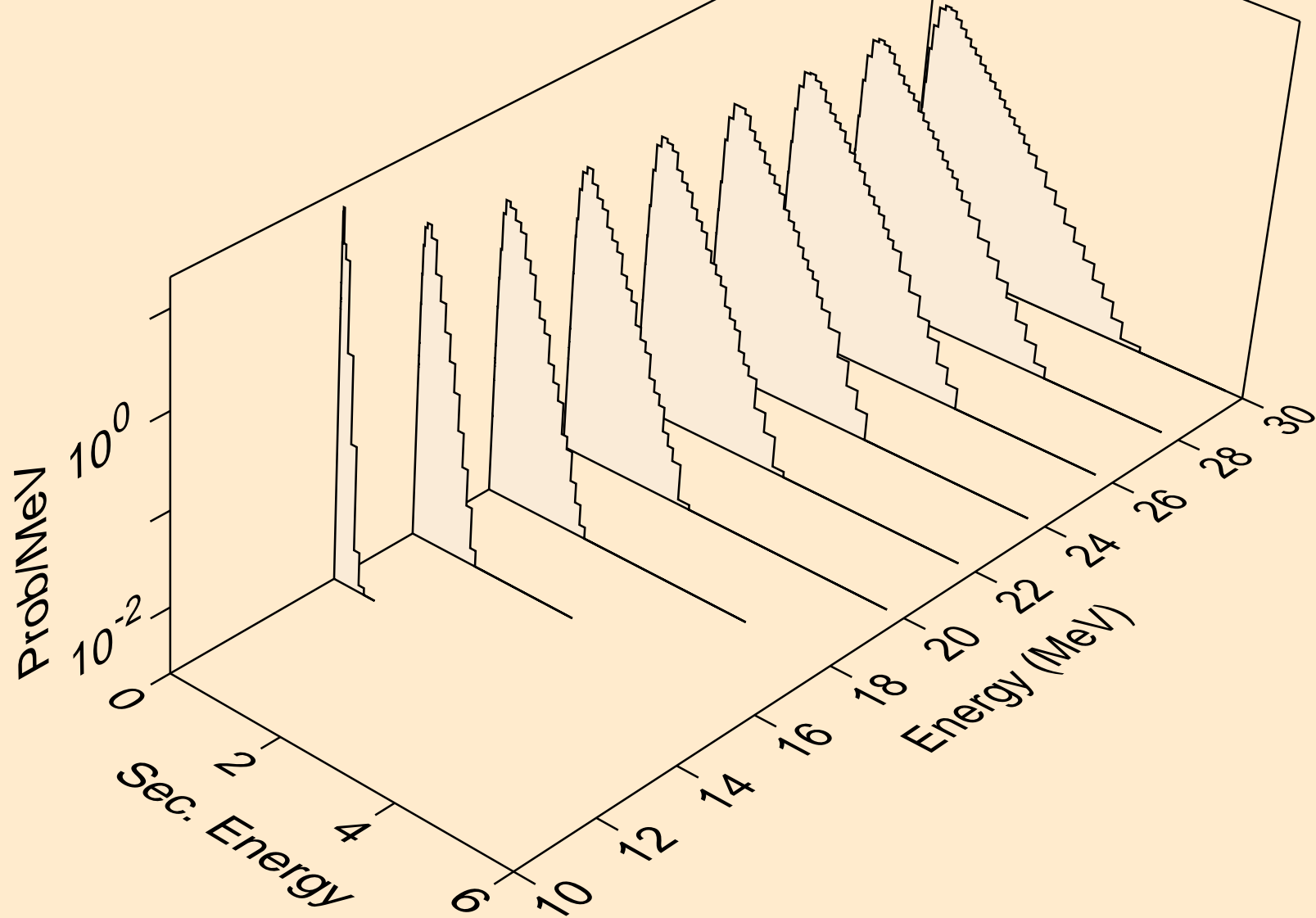
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



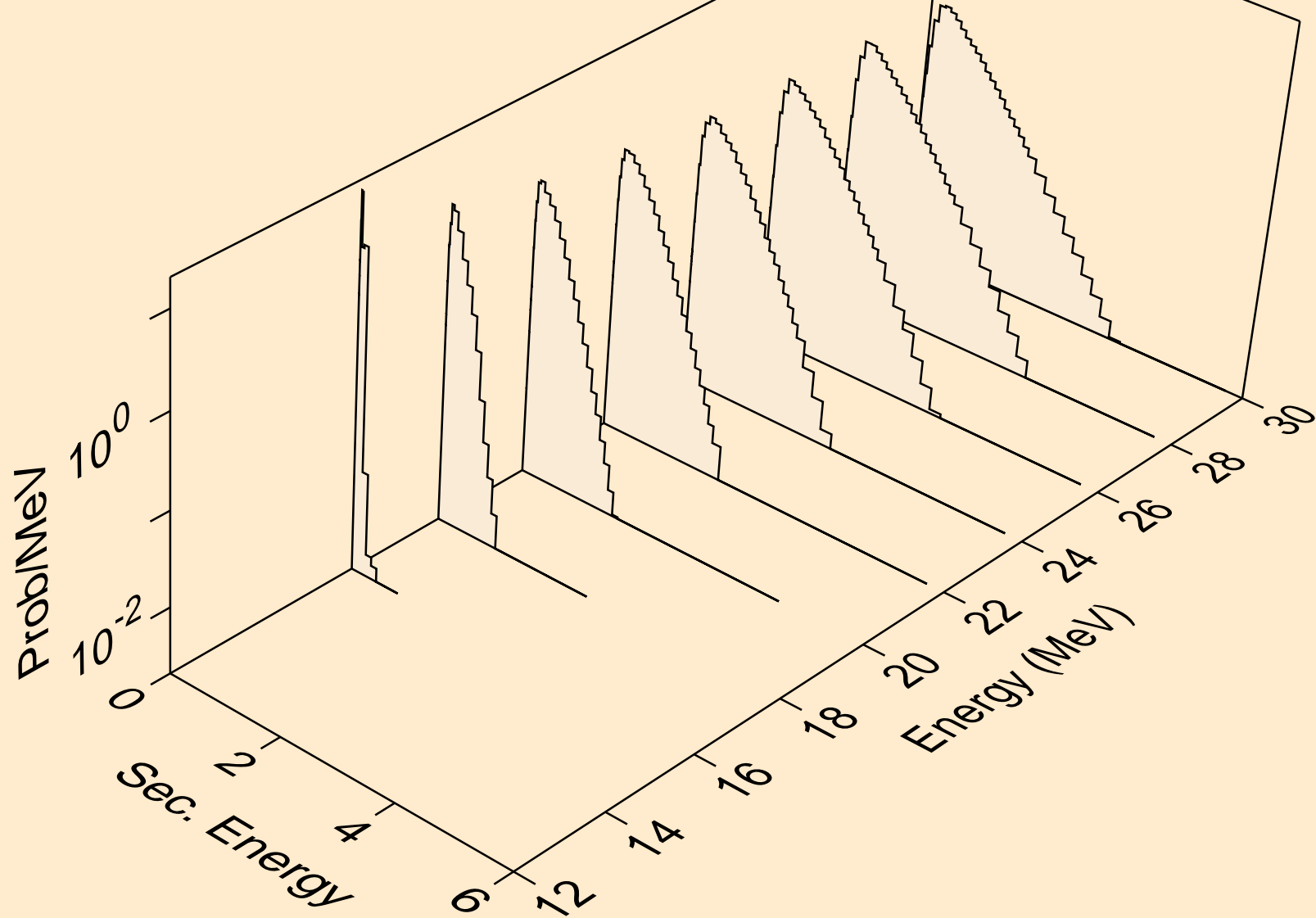
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



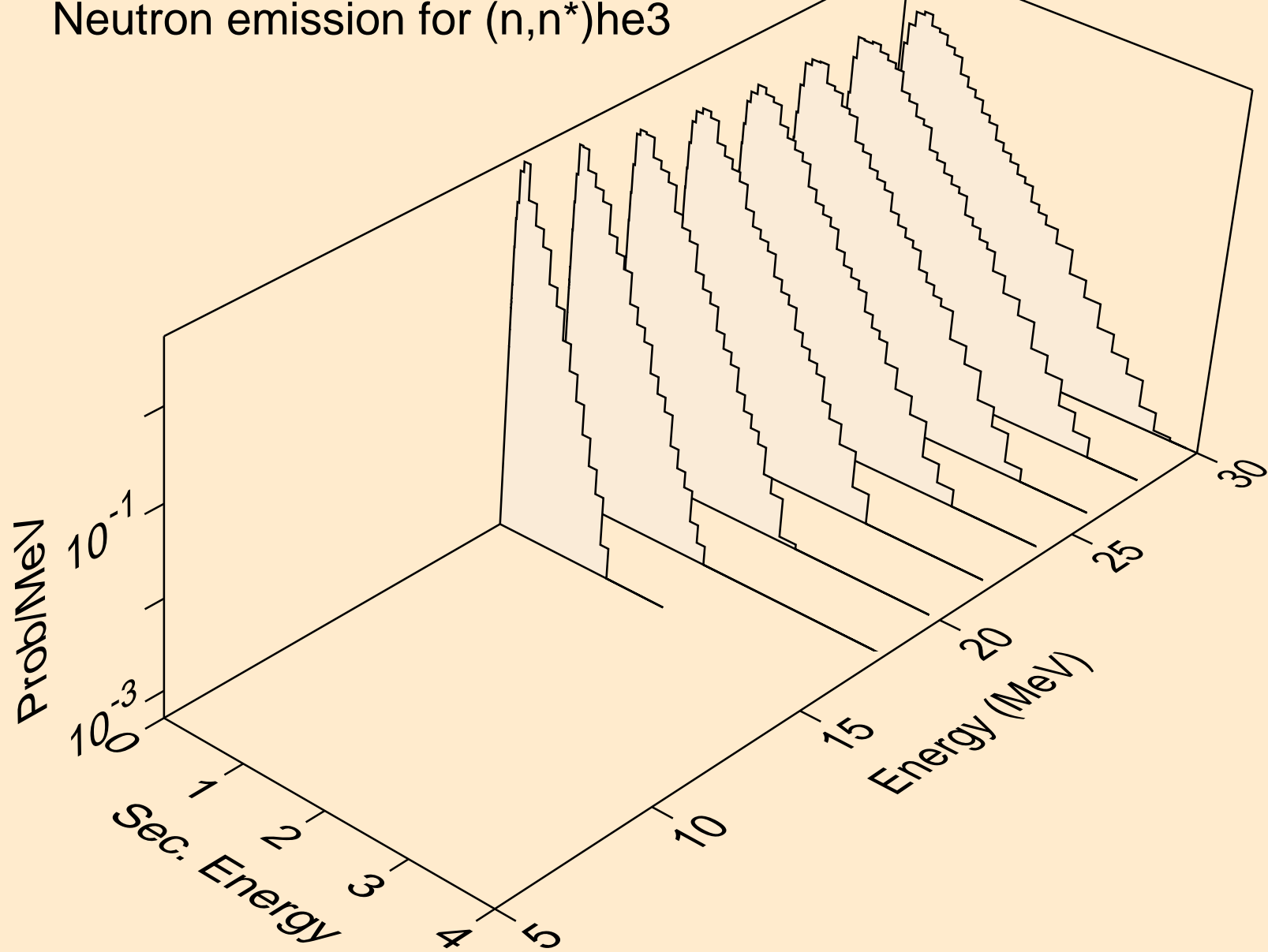
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



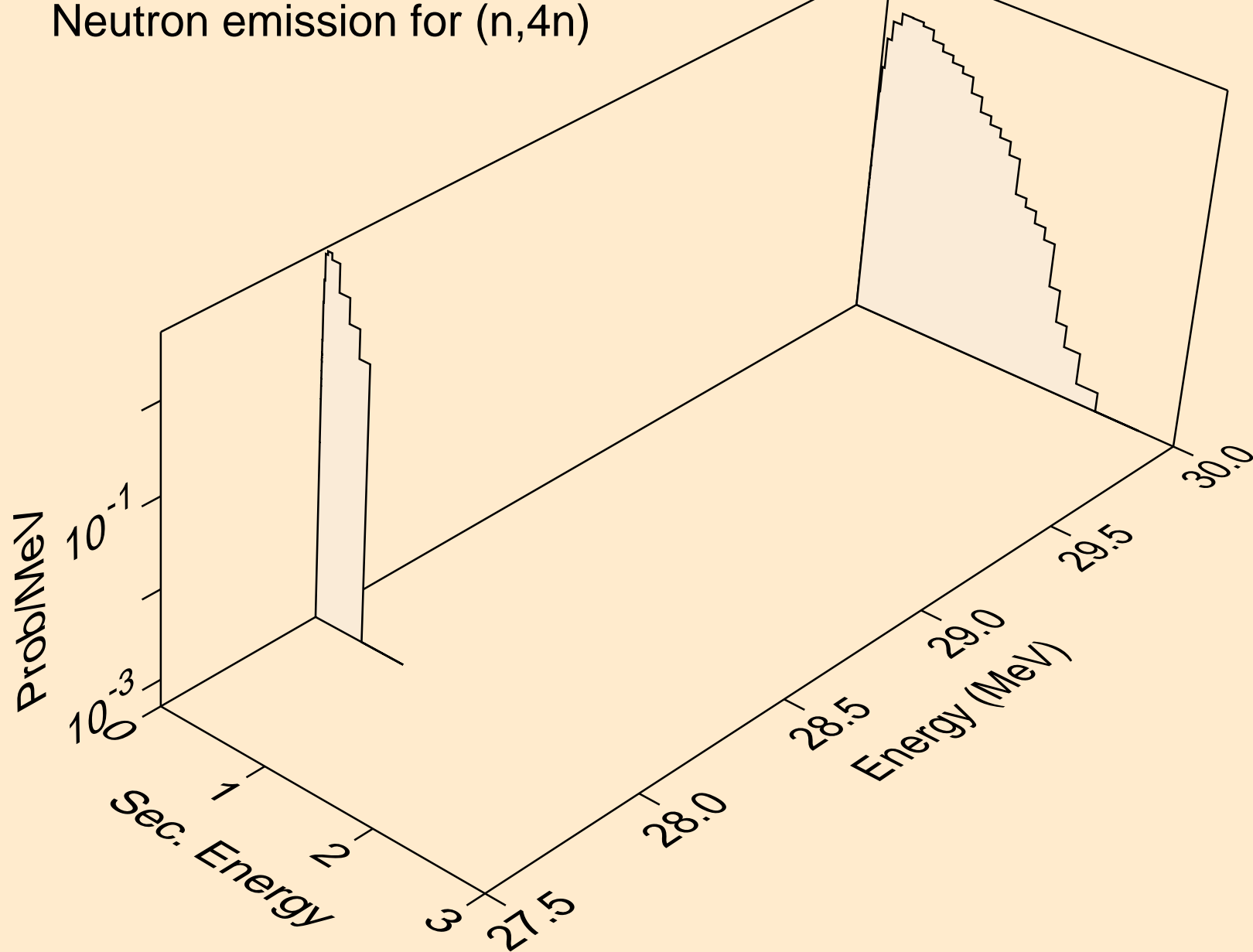
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



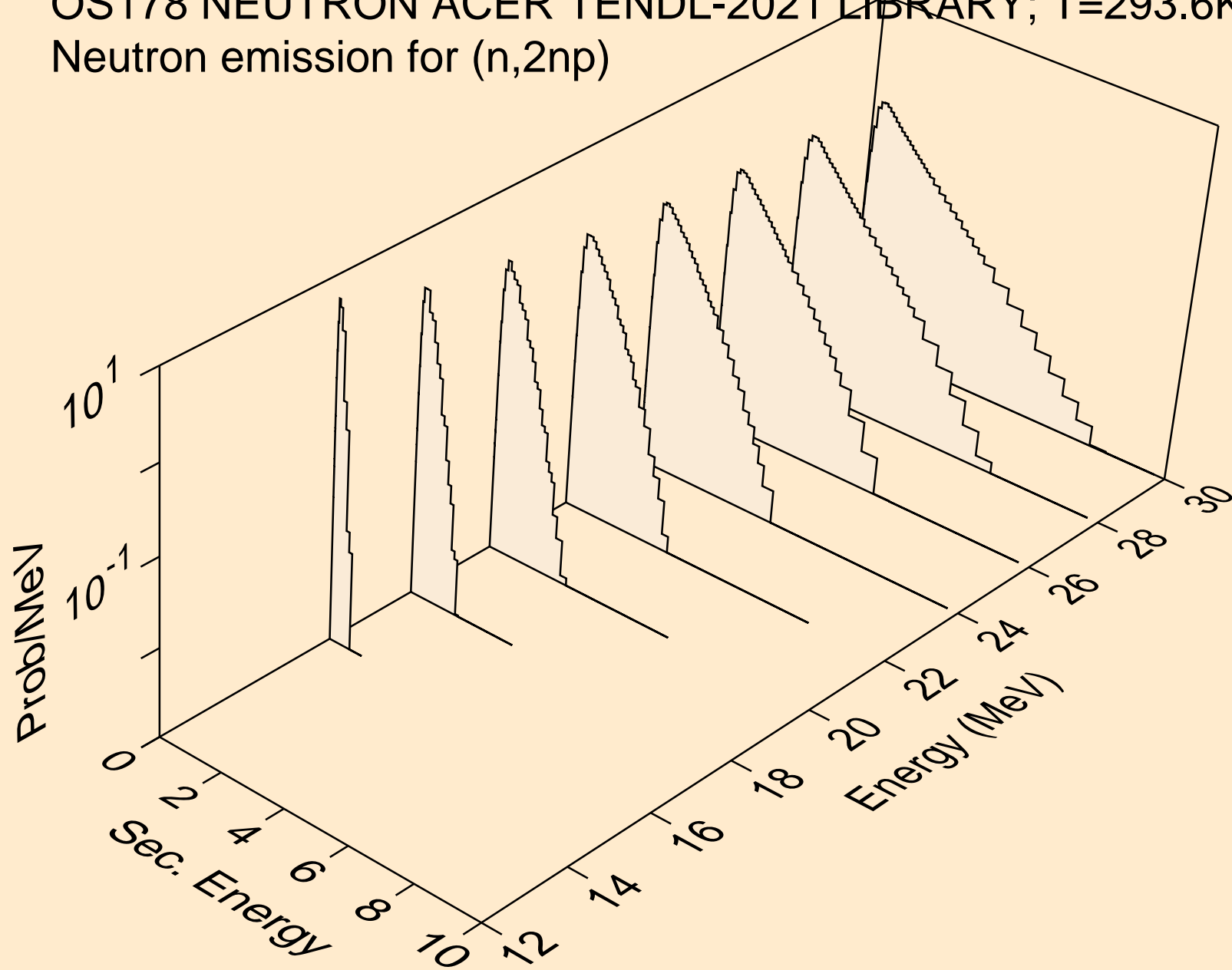
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



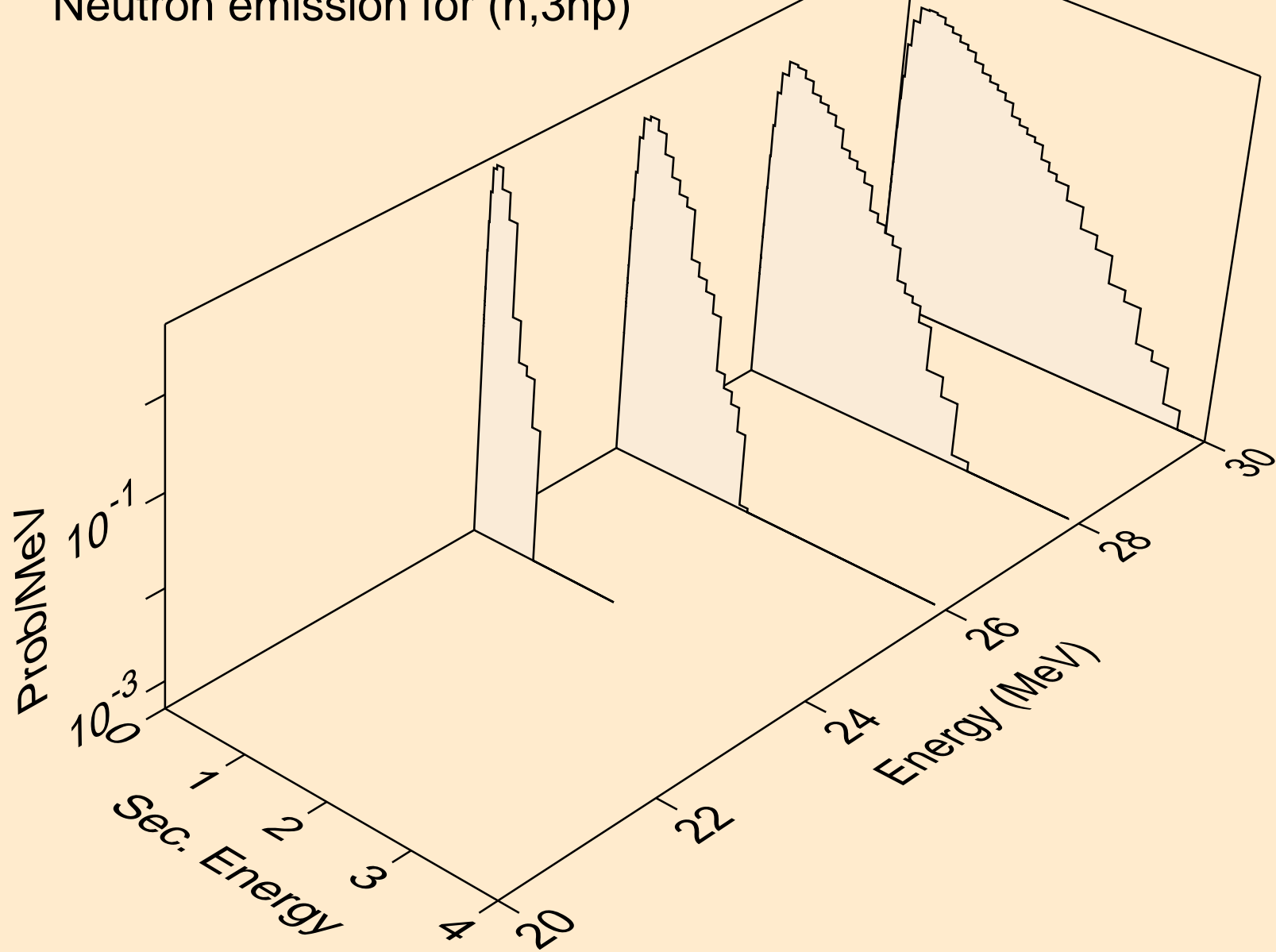
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,4n)



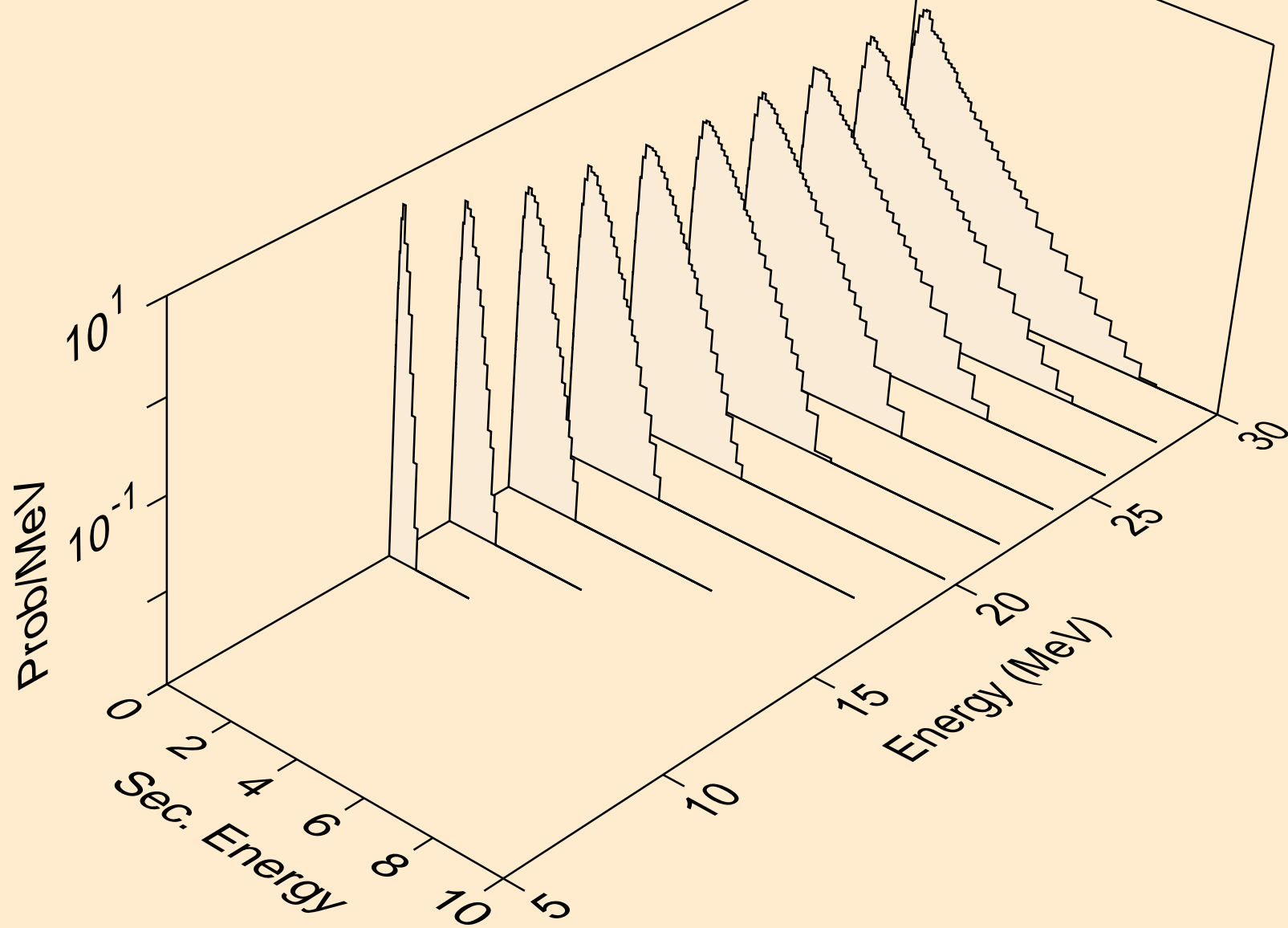
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



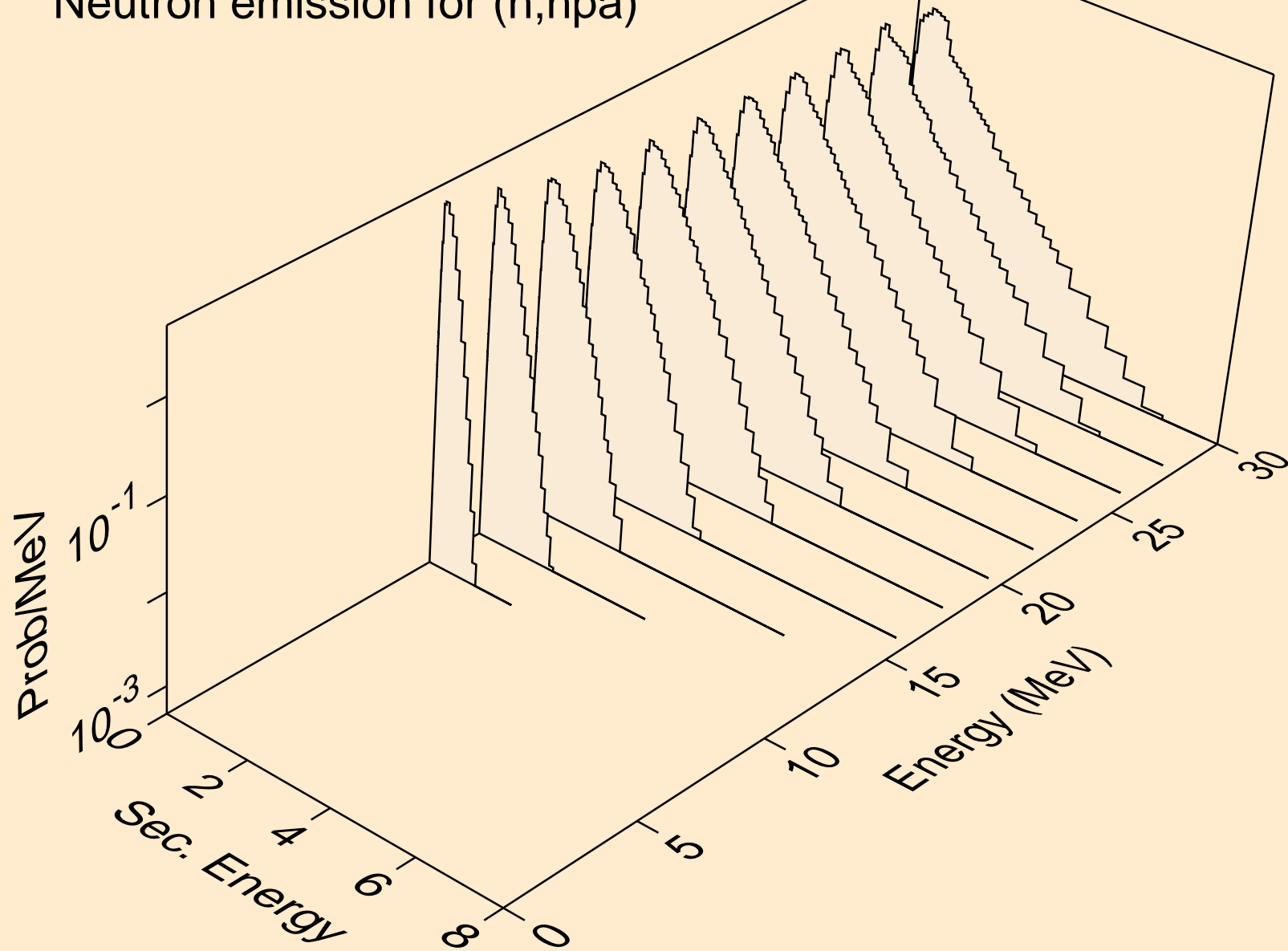
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3np)



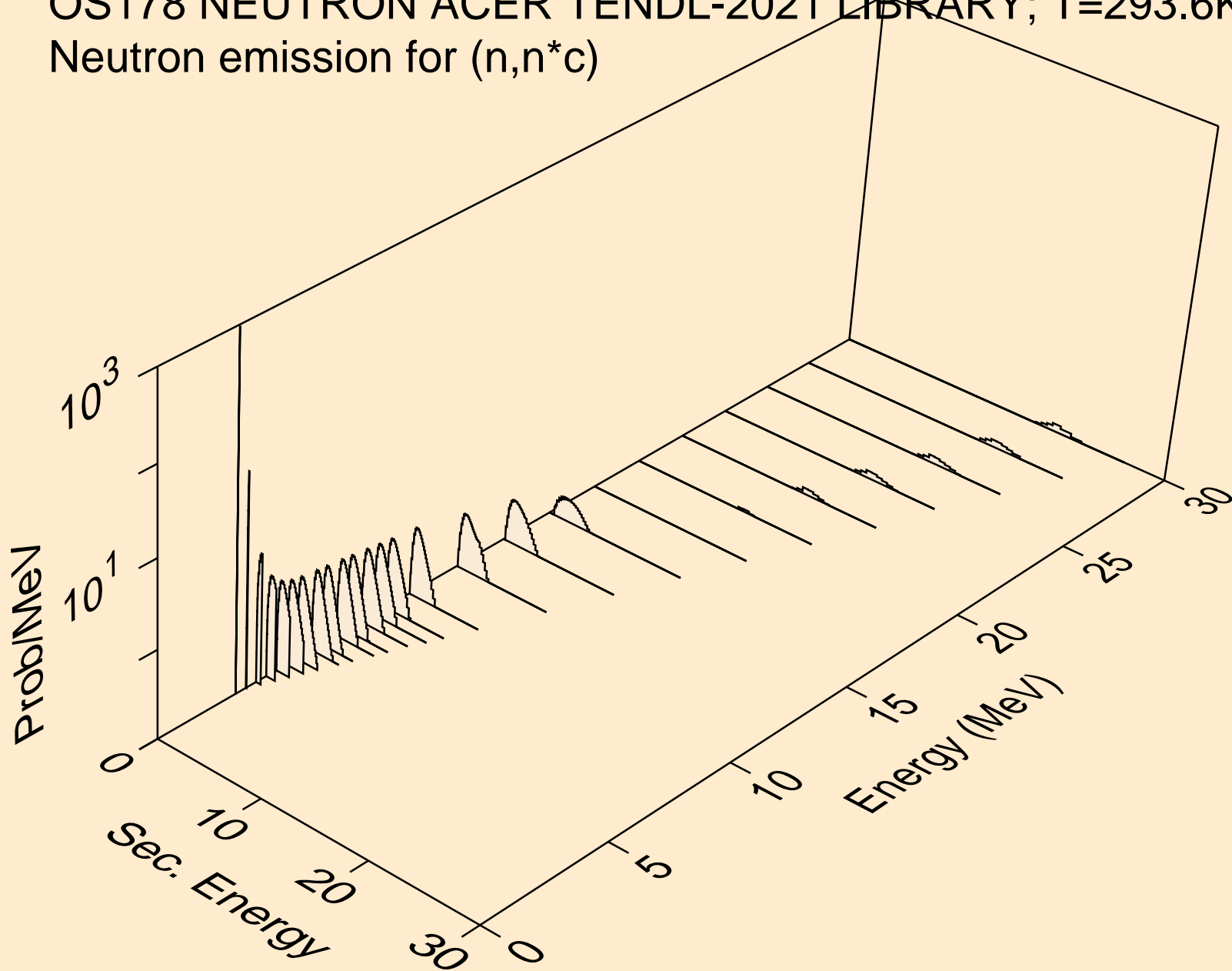
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



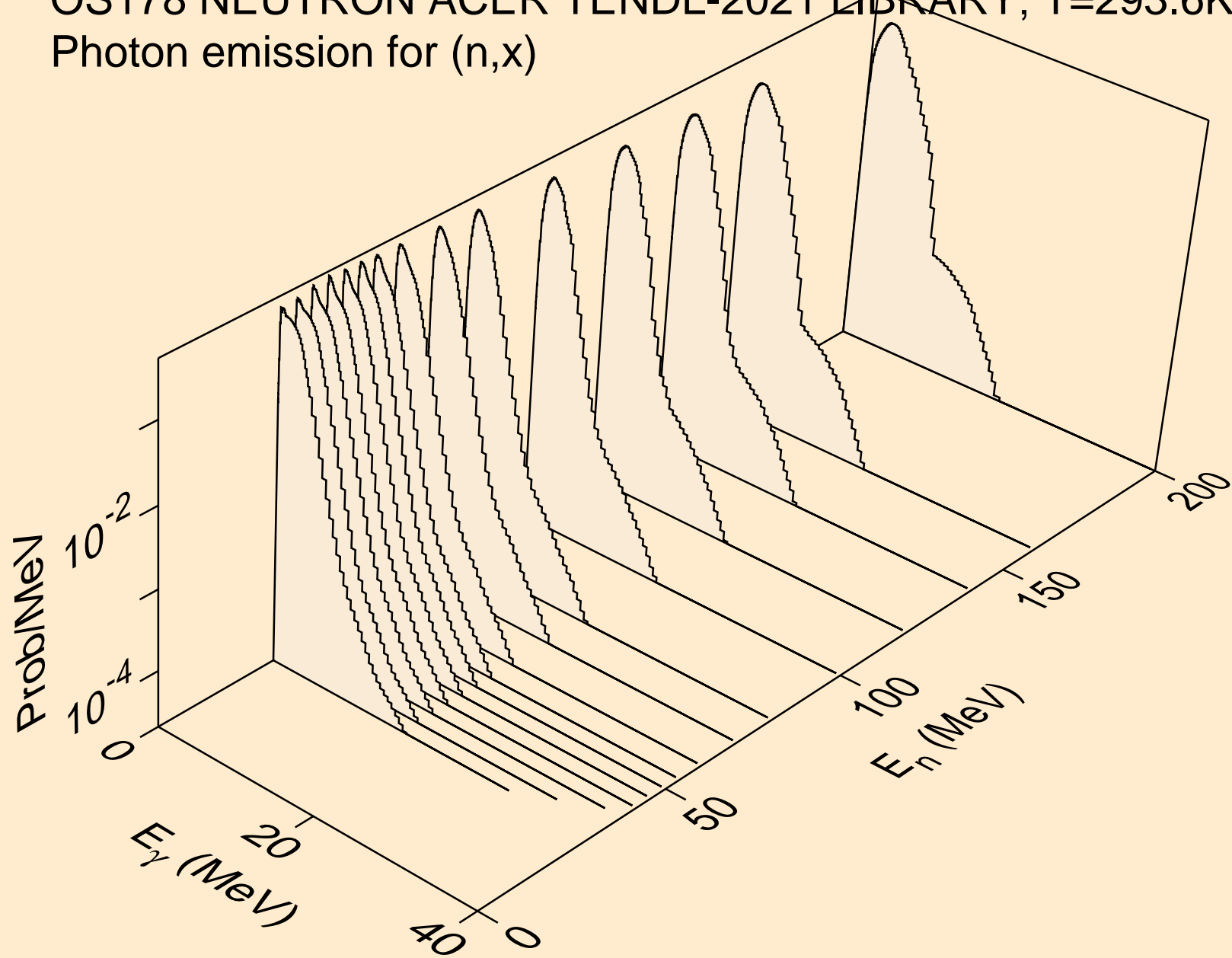
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,npa)



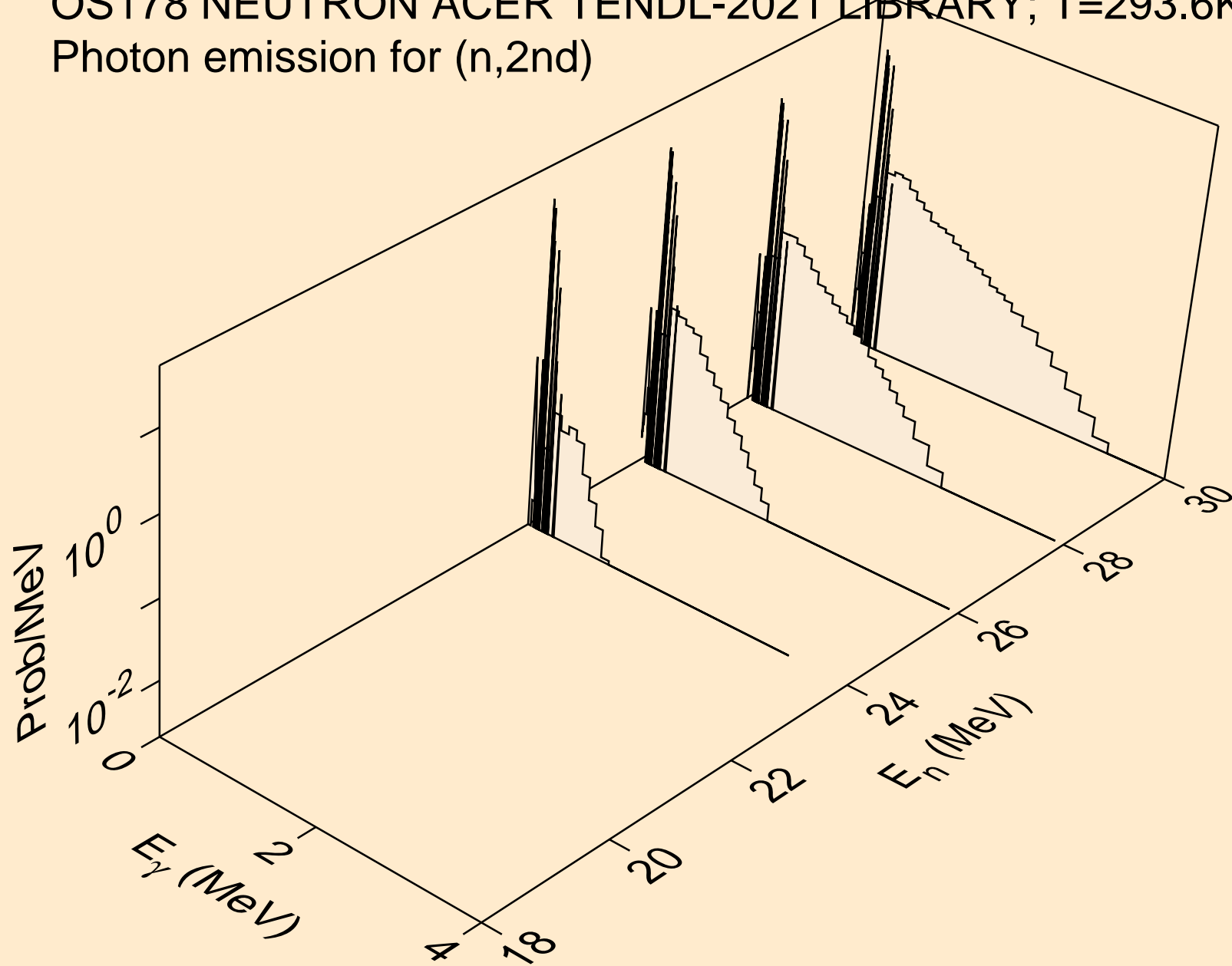
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



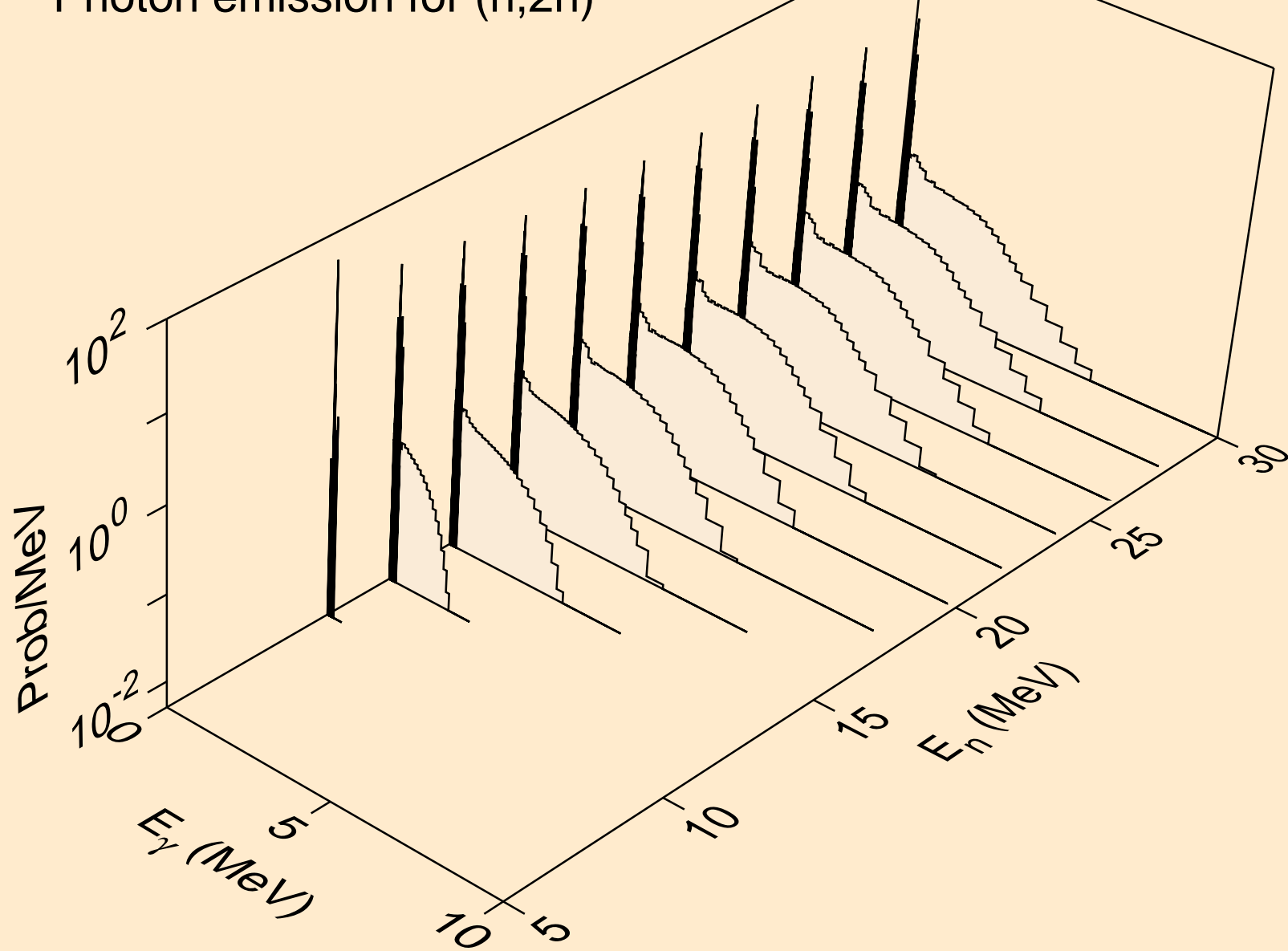
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,x)



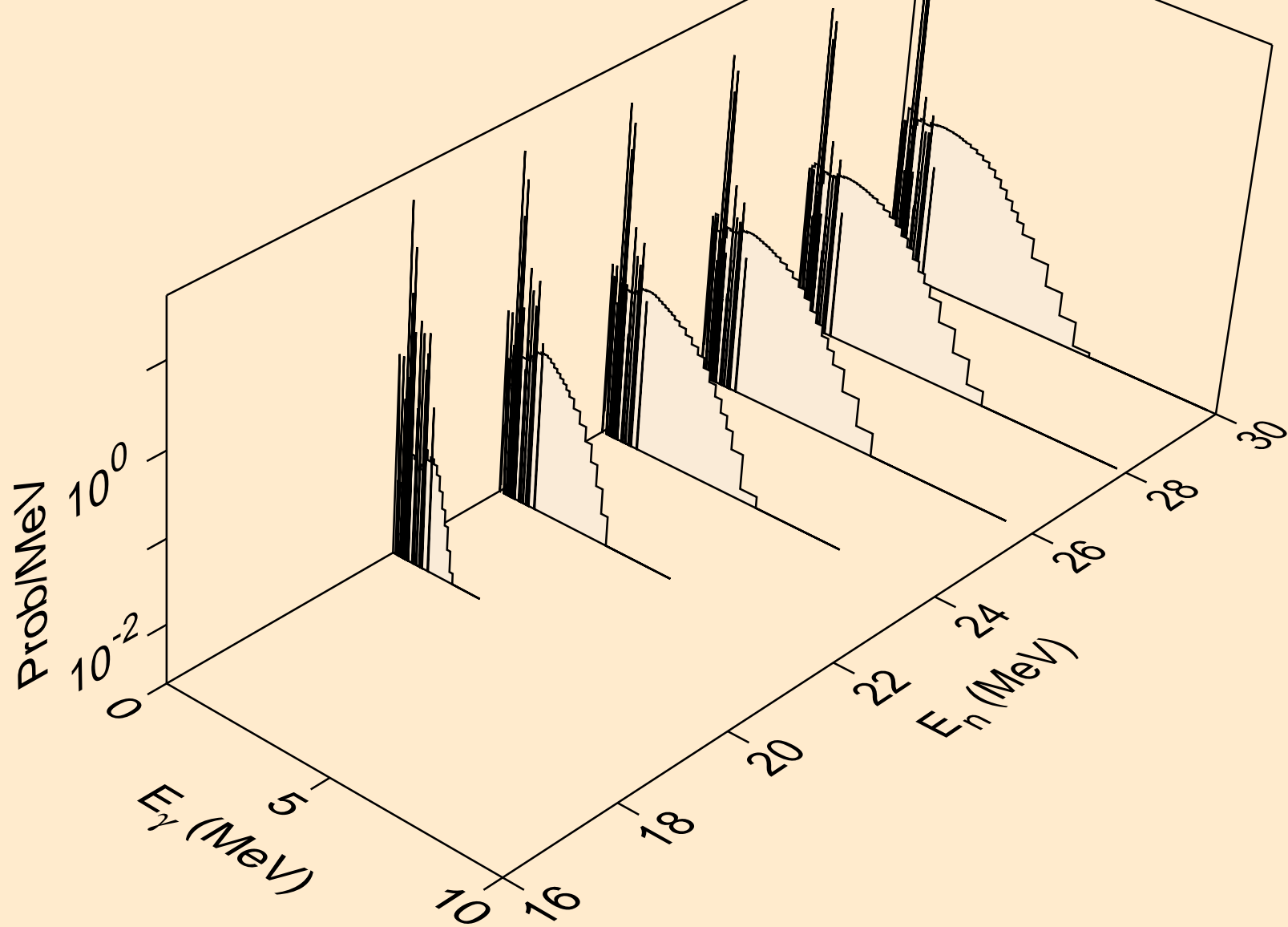
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2nd)



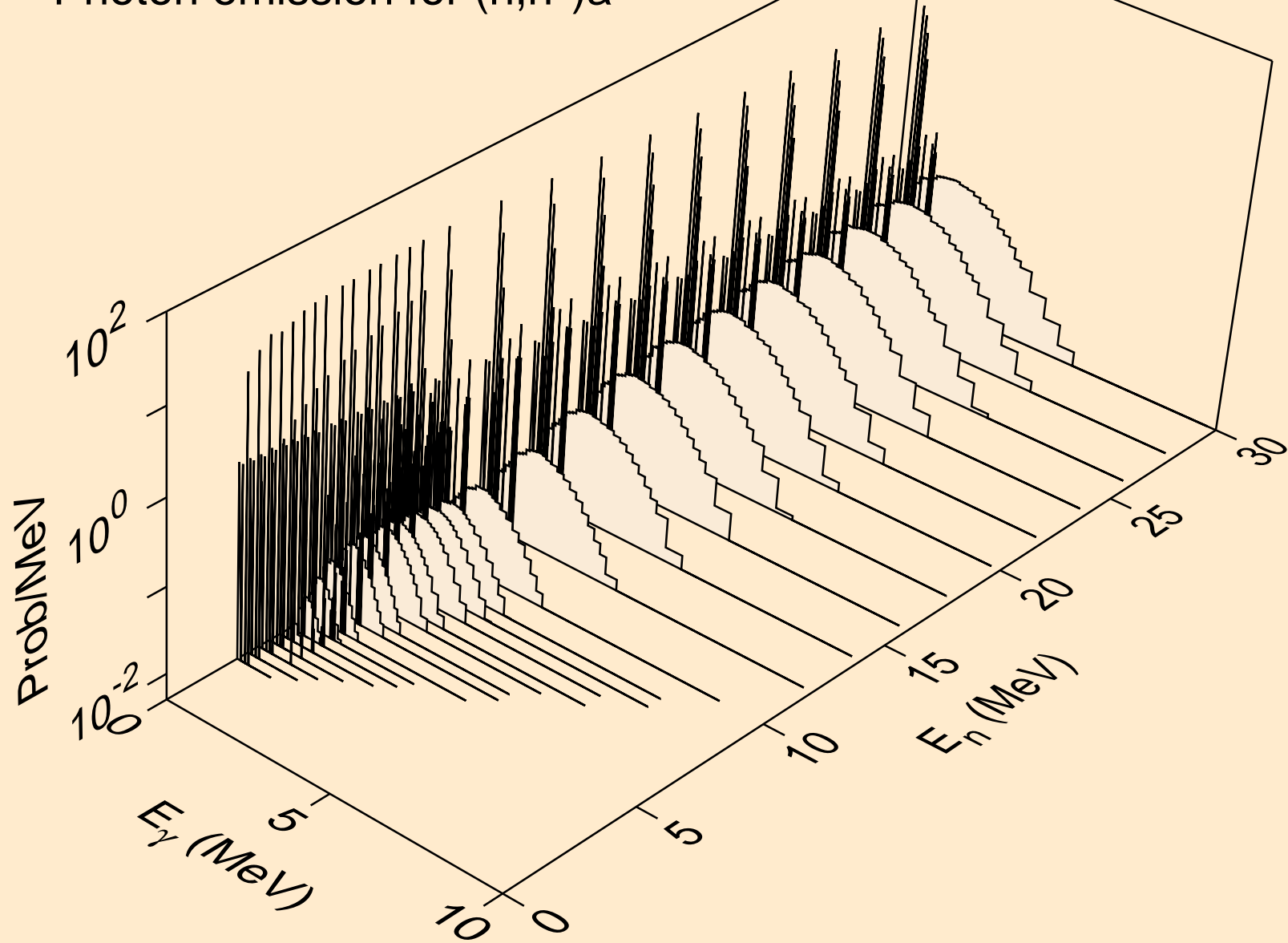
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)



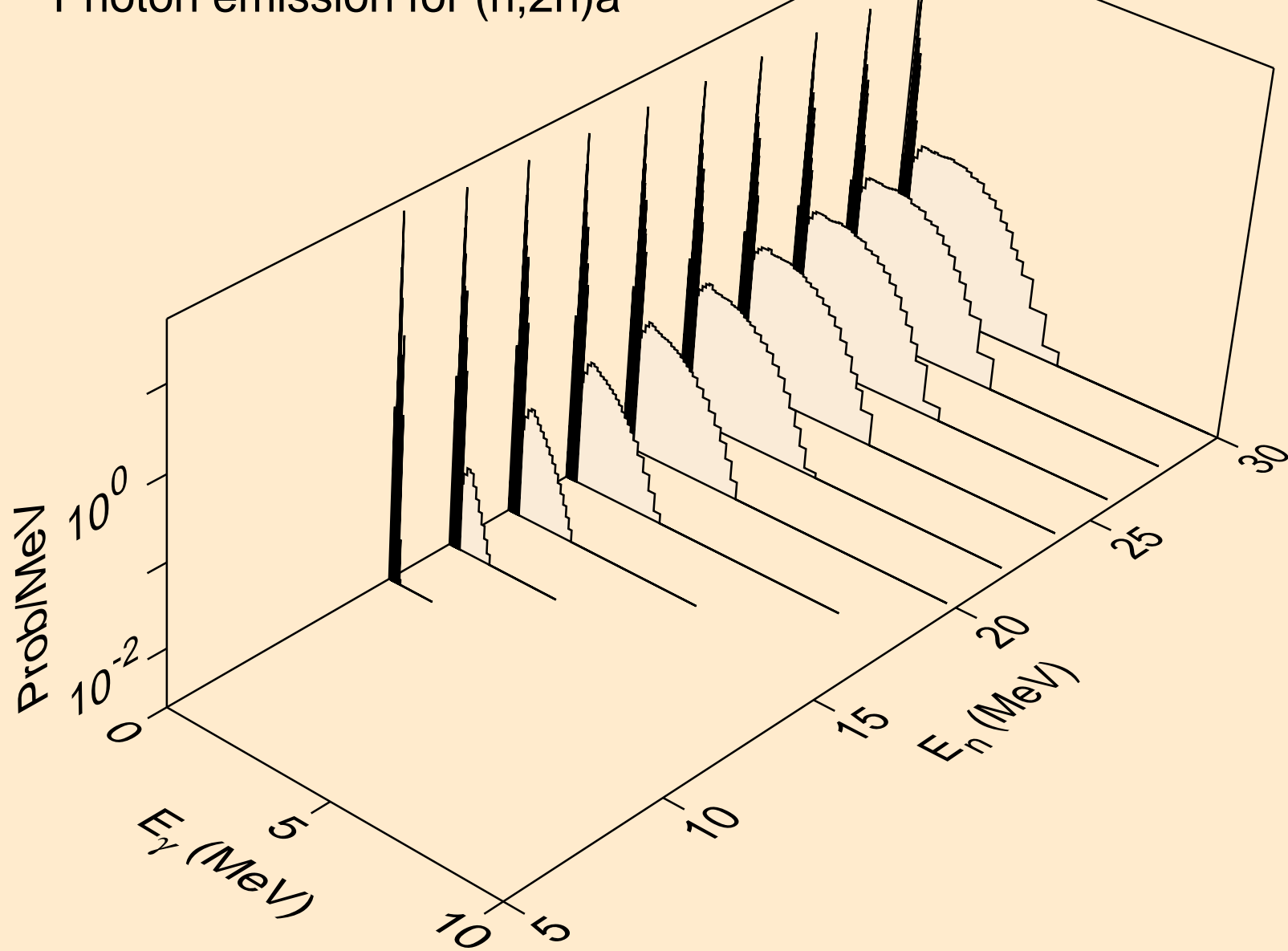
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)



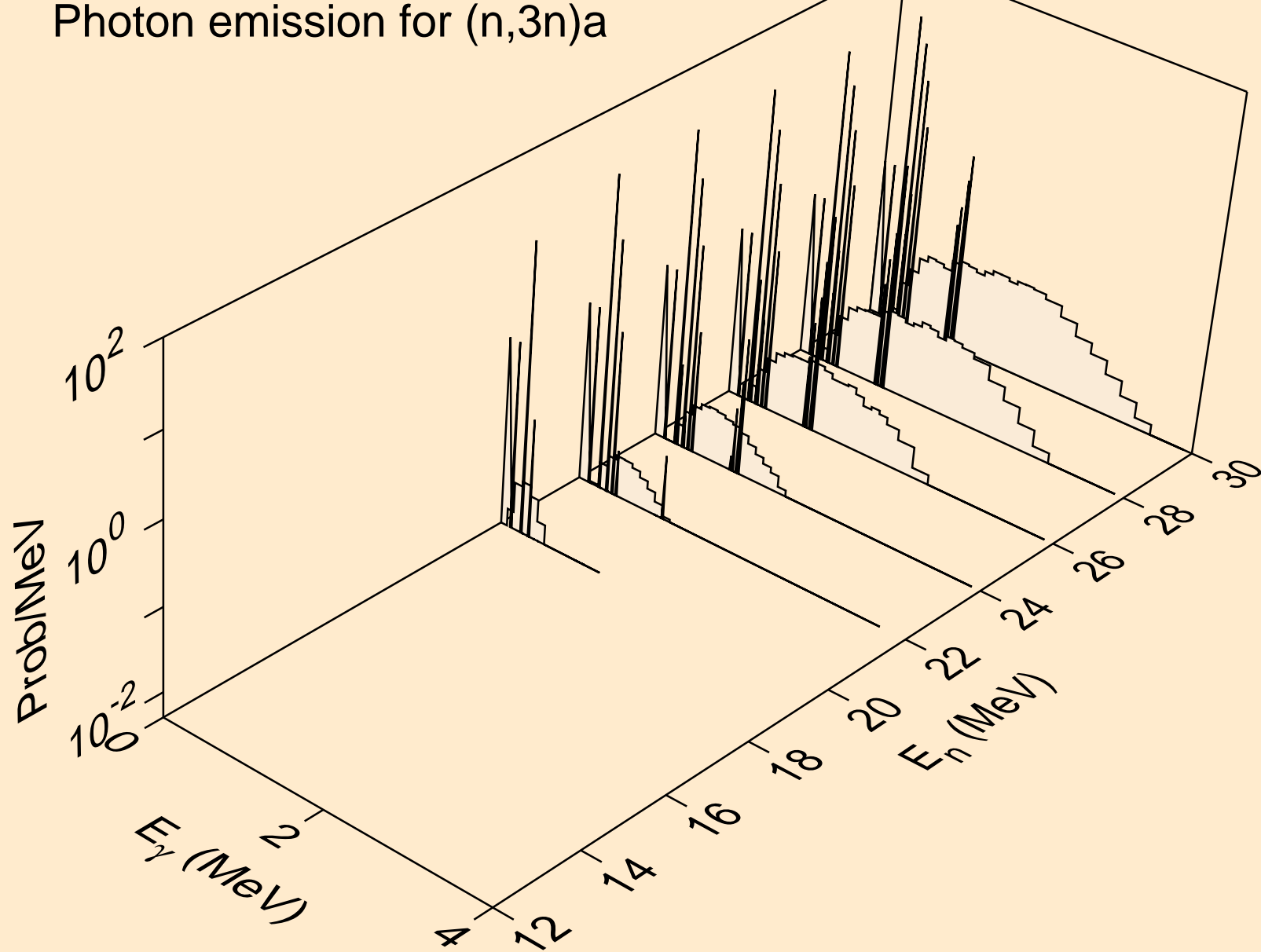
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)a



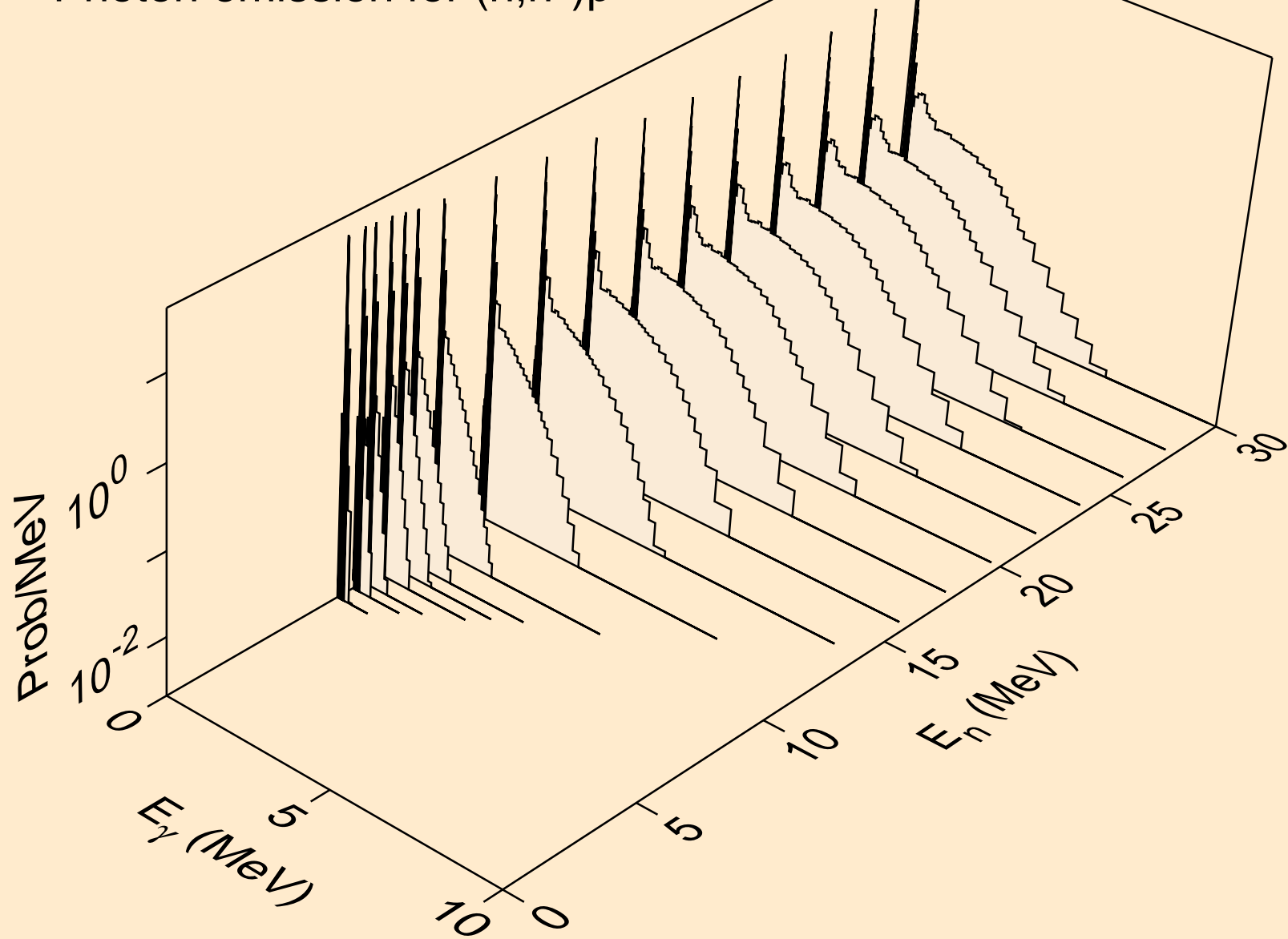
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)a



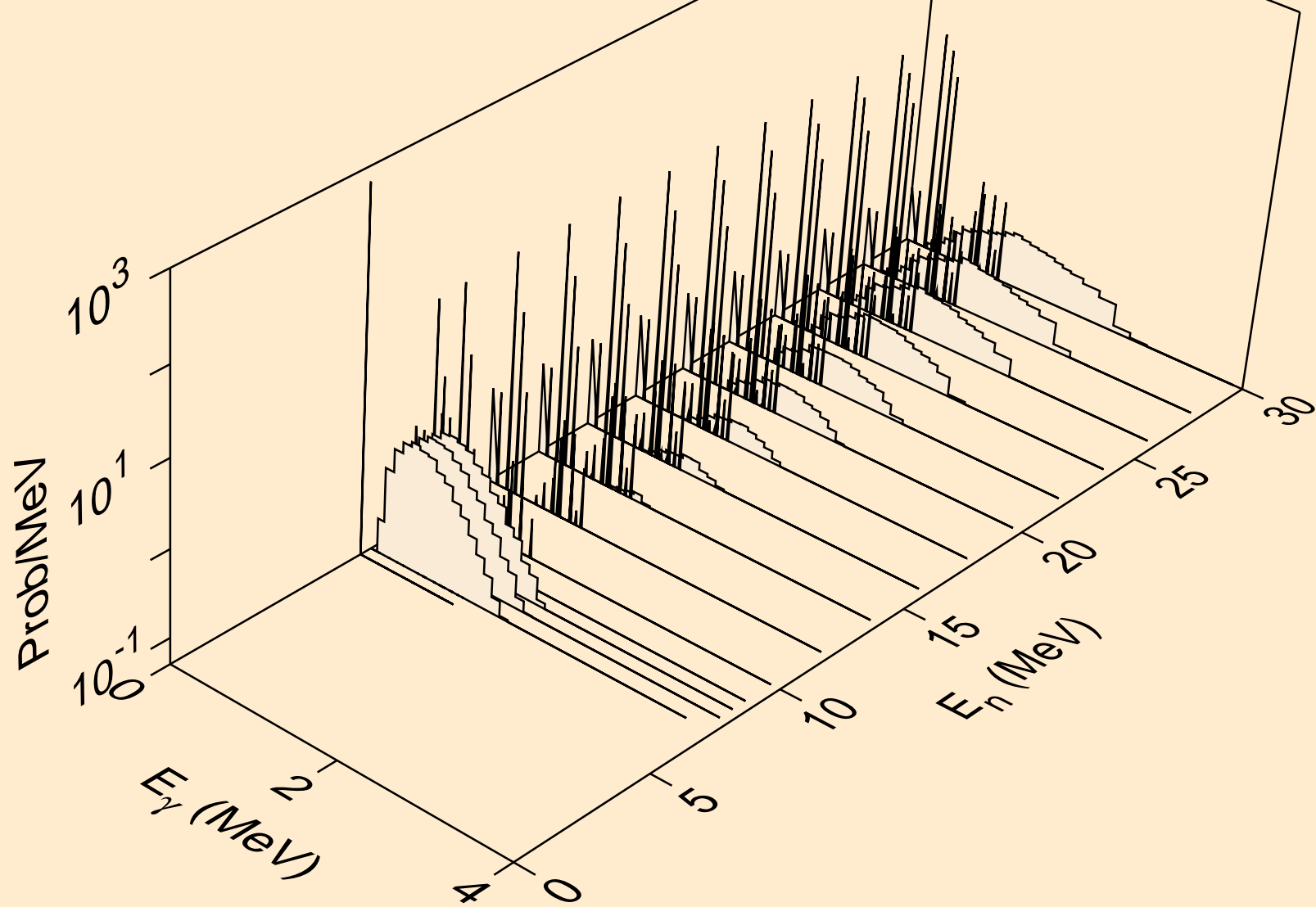
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Photon emission for (n,3n)a



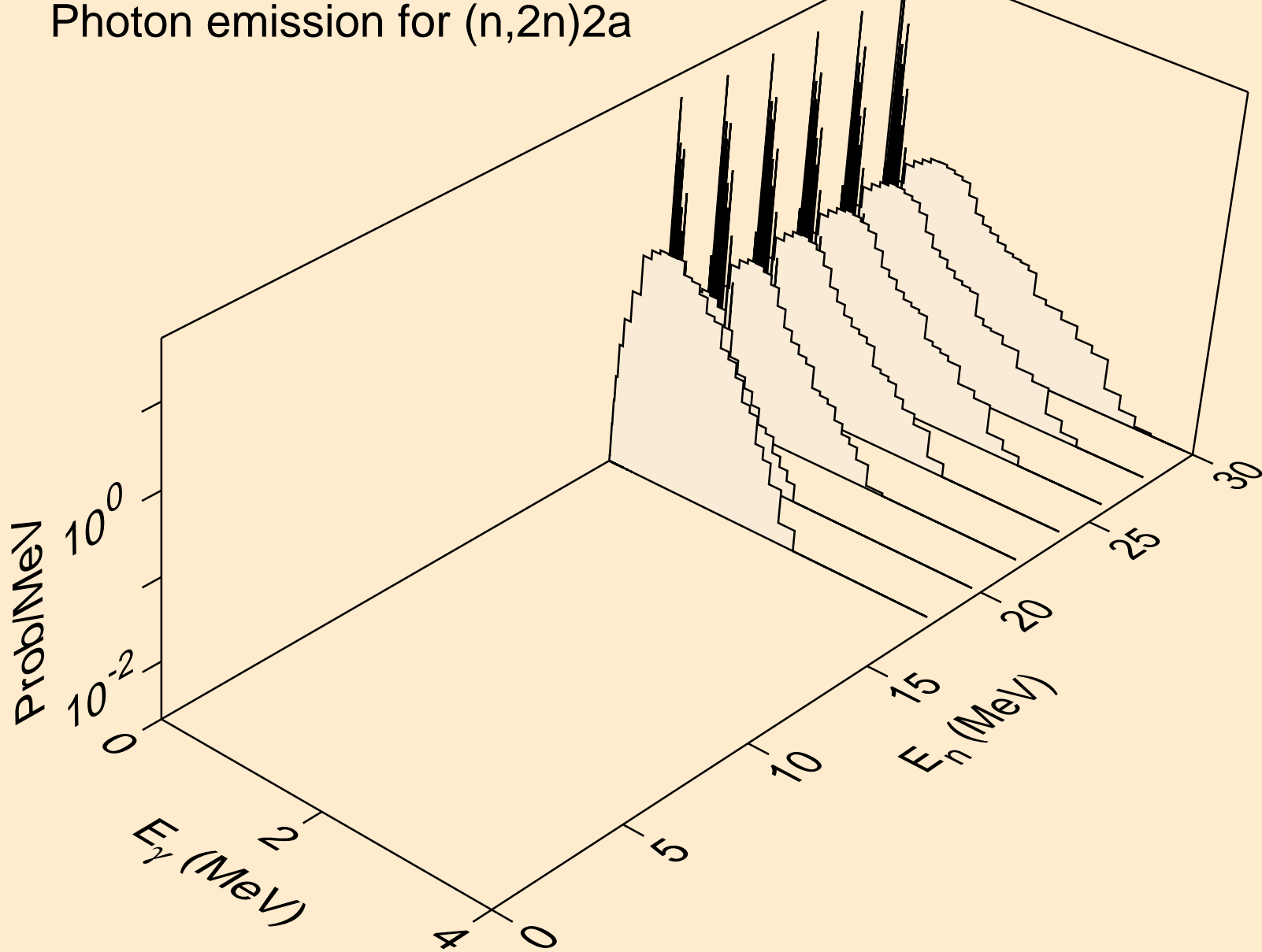
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)p



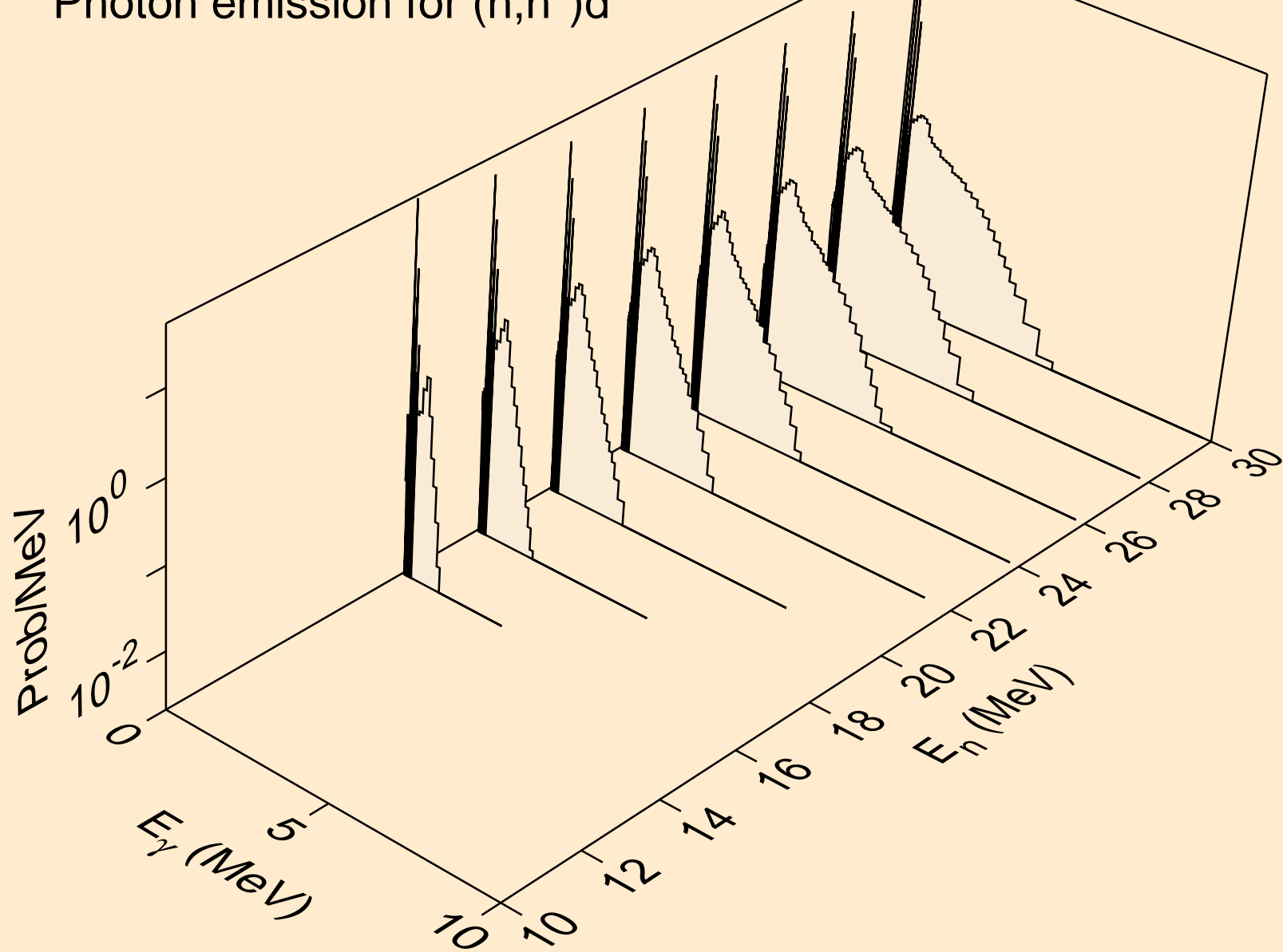
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



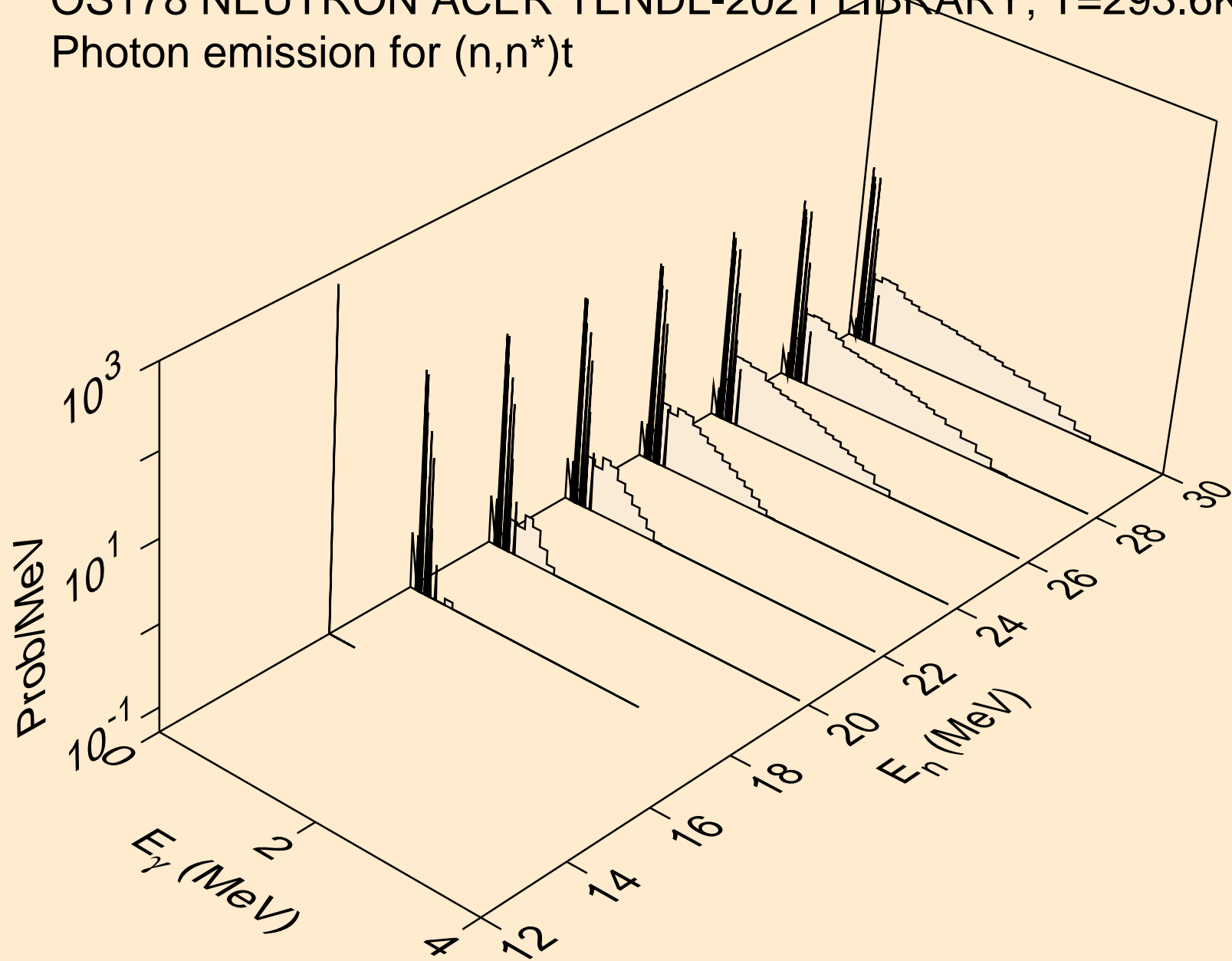
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)2a



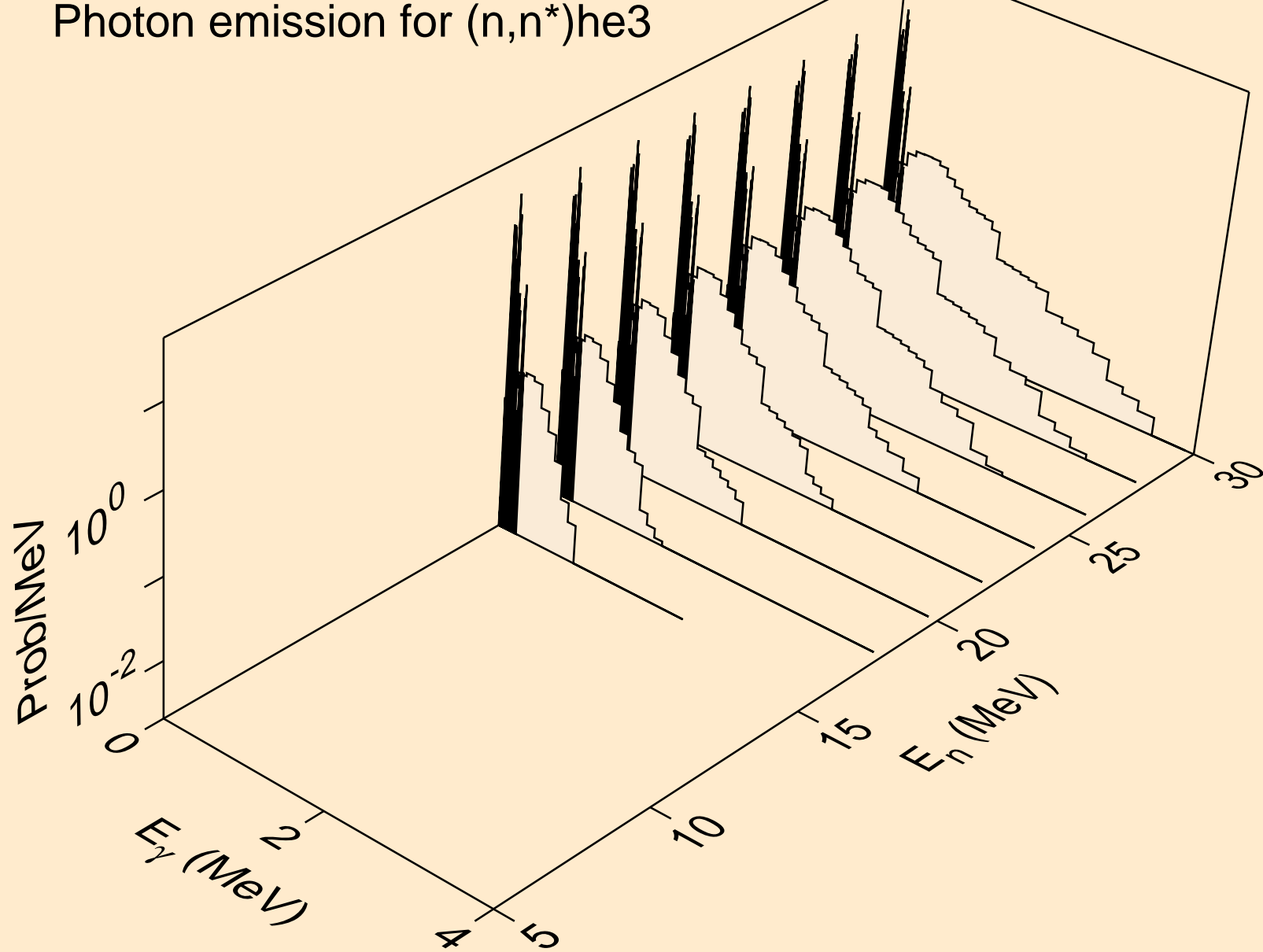
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)d



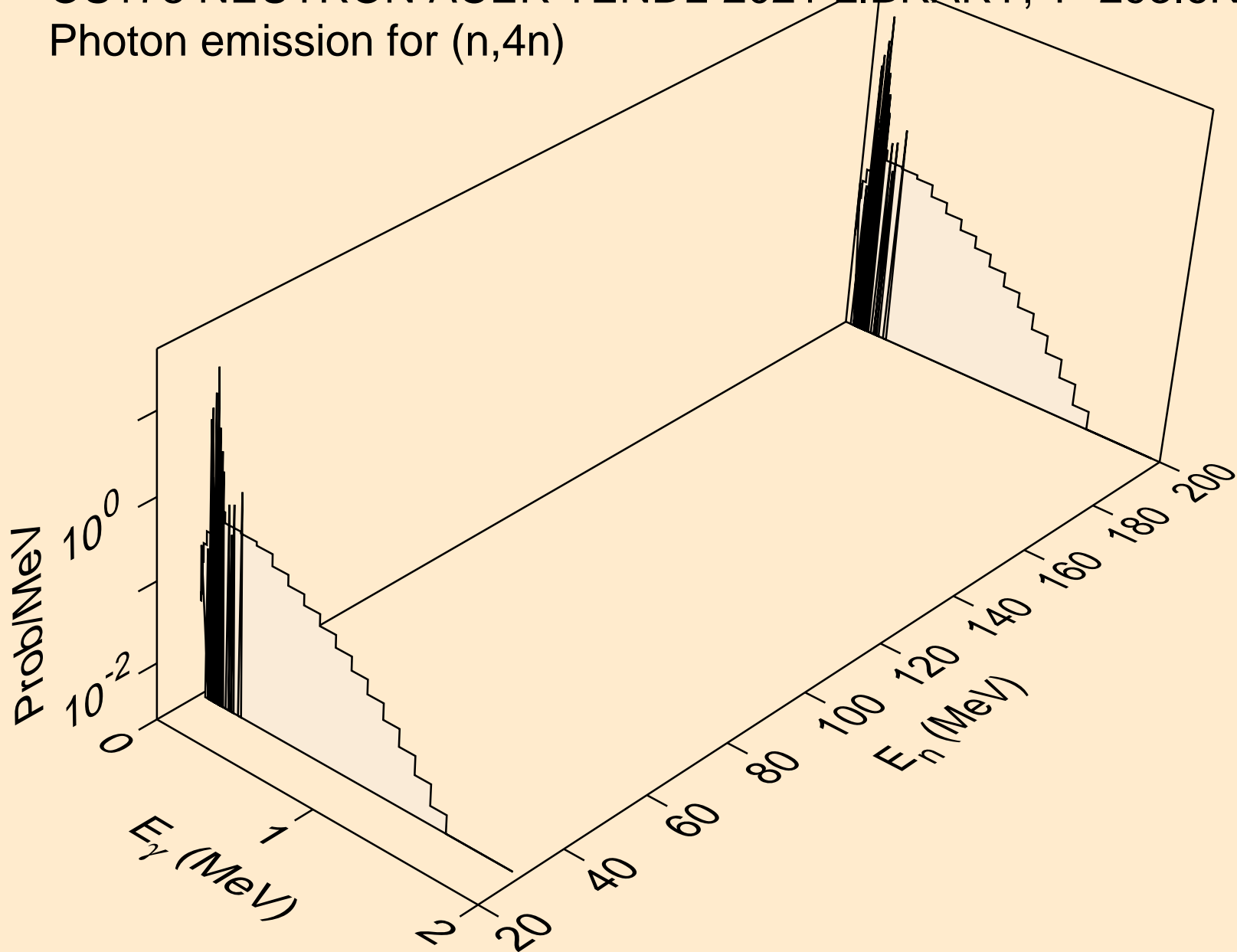
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)t



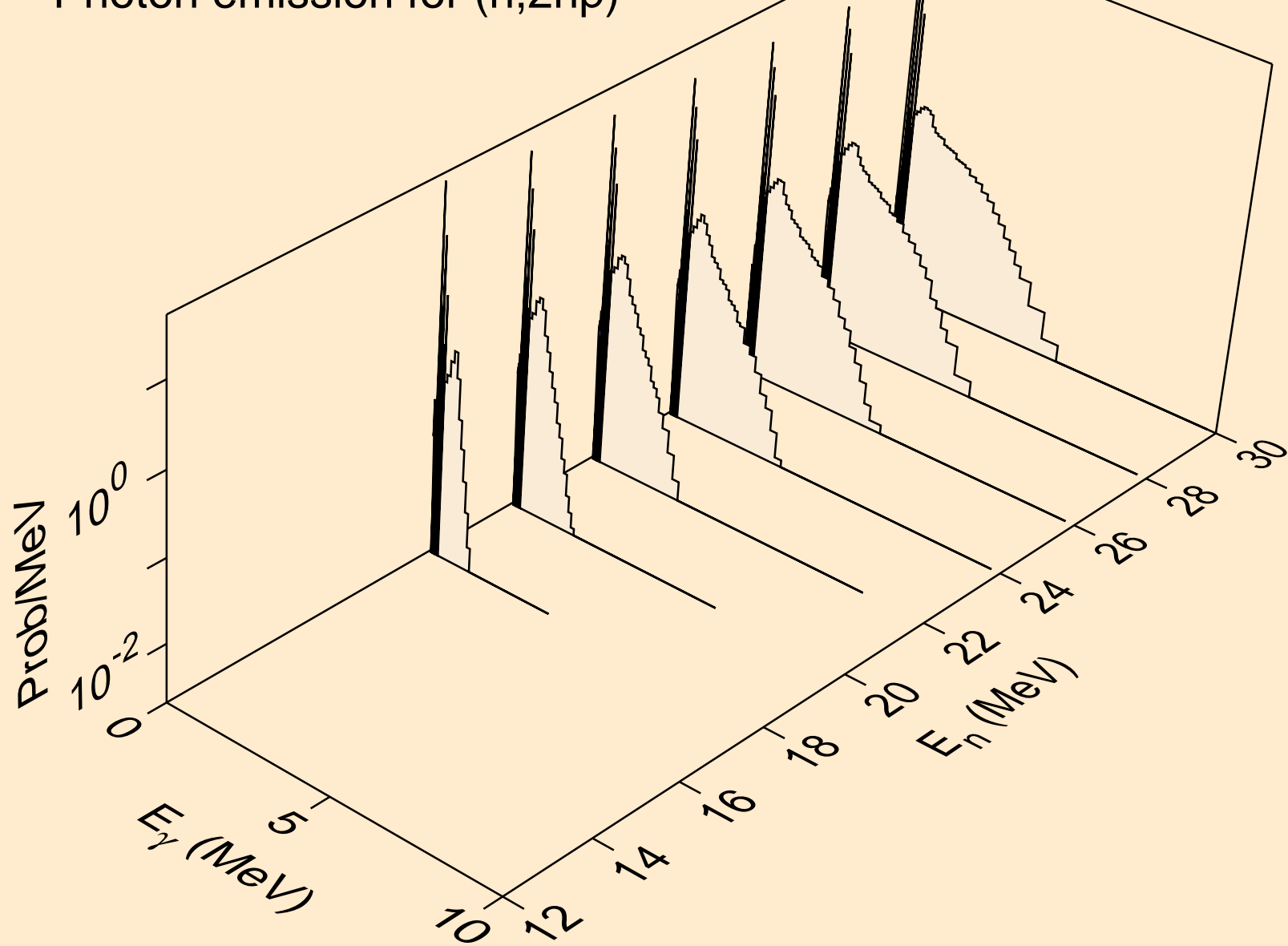
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



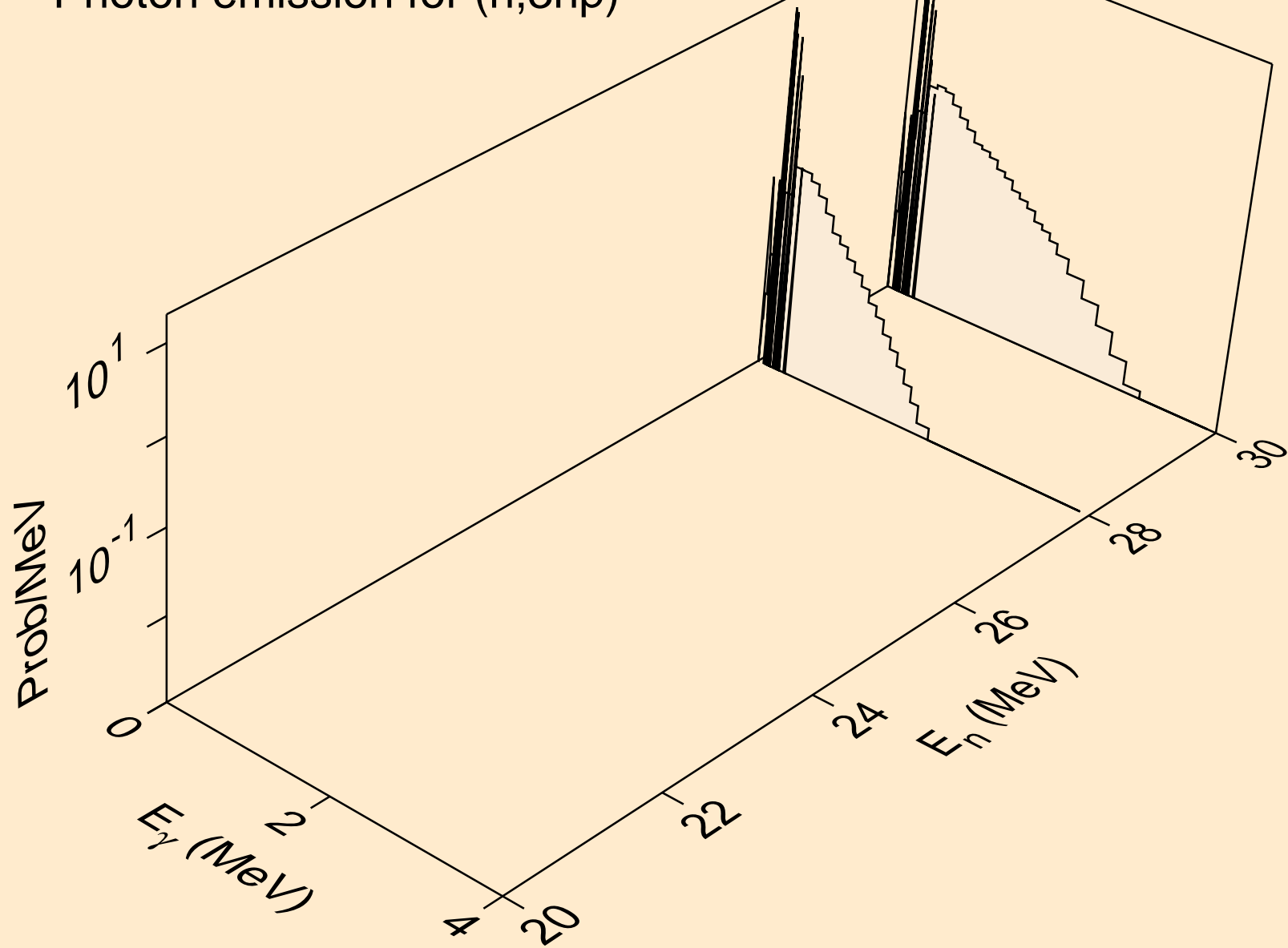
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,4n)



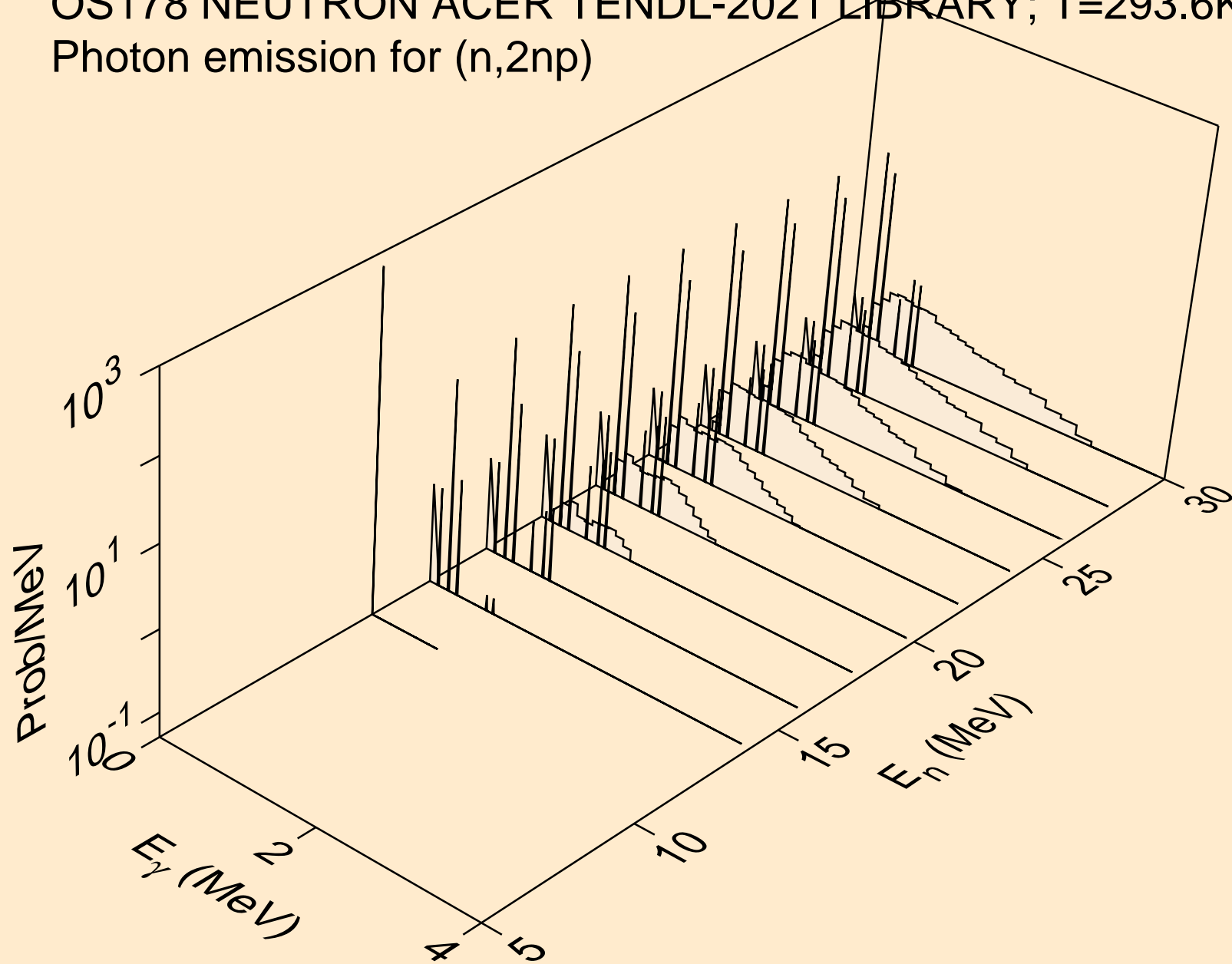
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



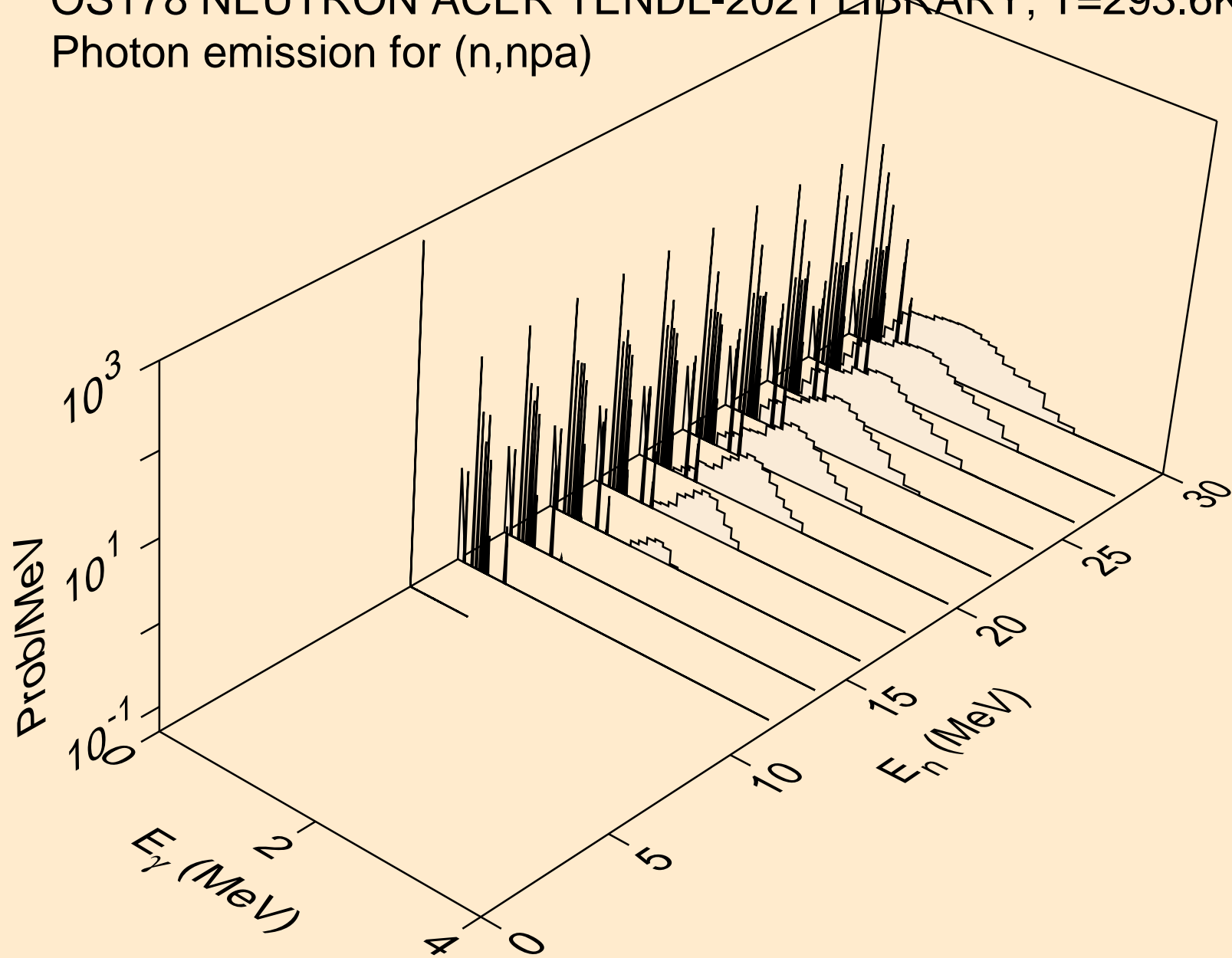
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3np)



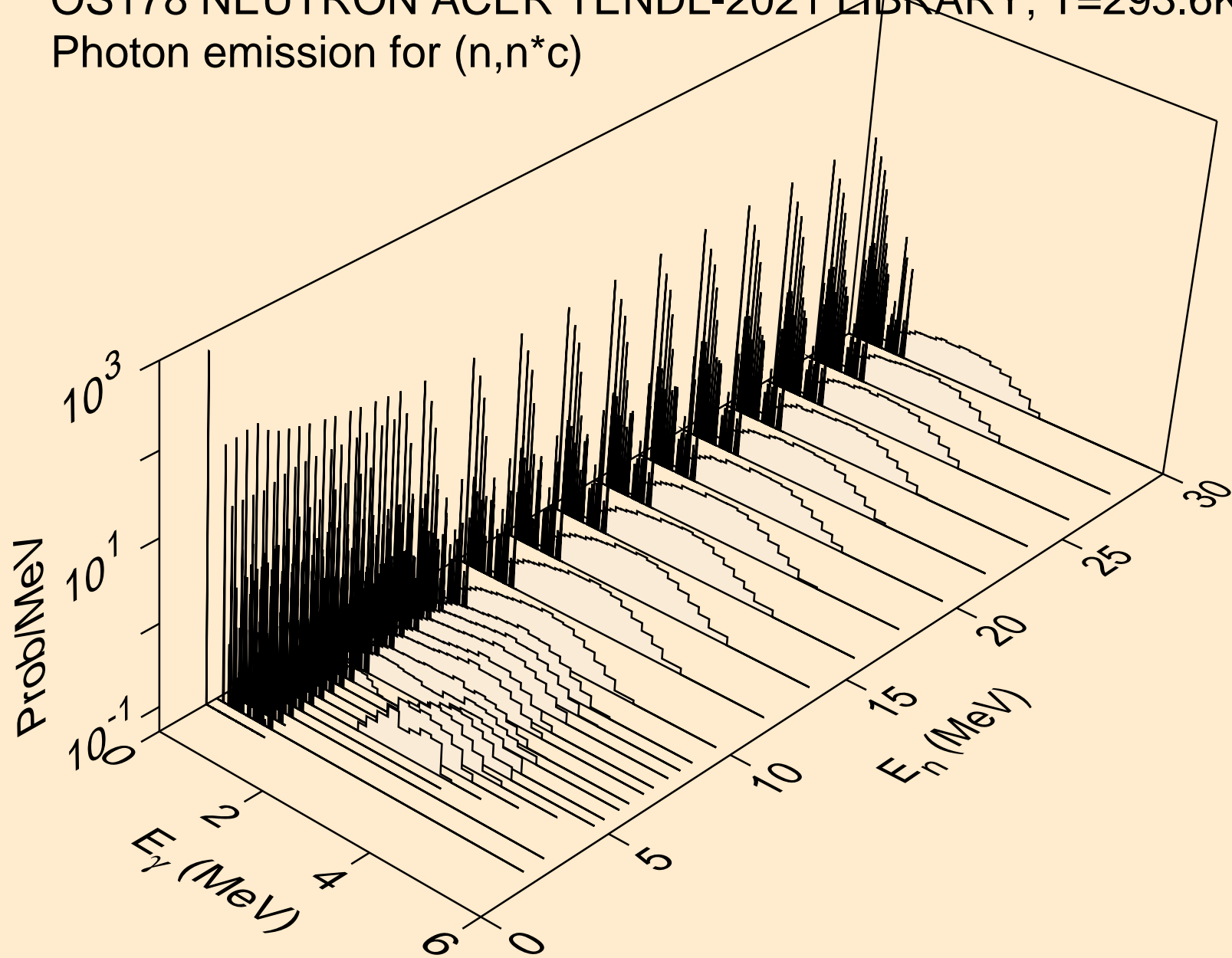
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



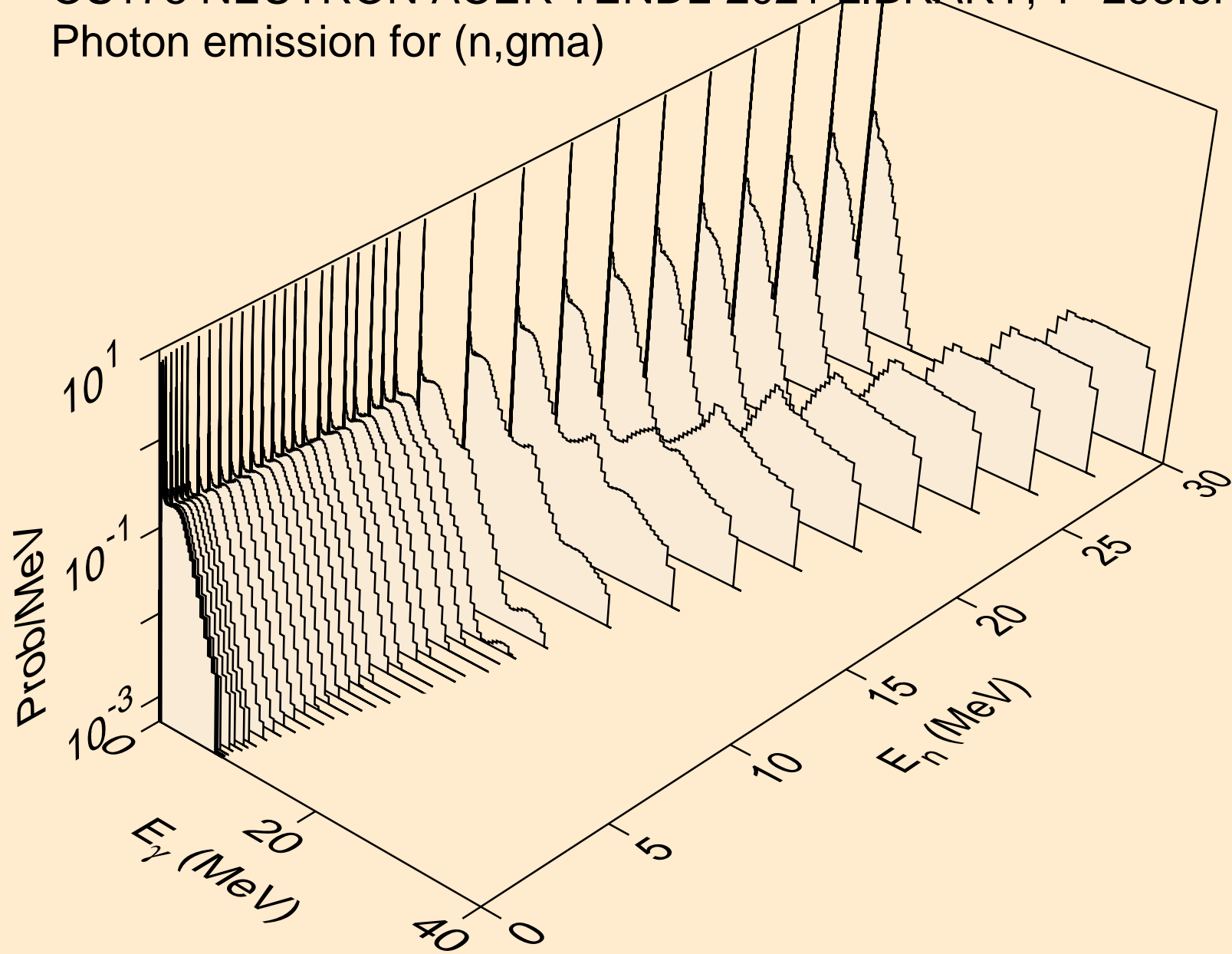
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,npa)



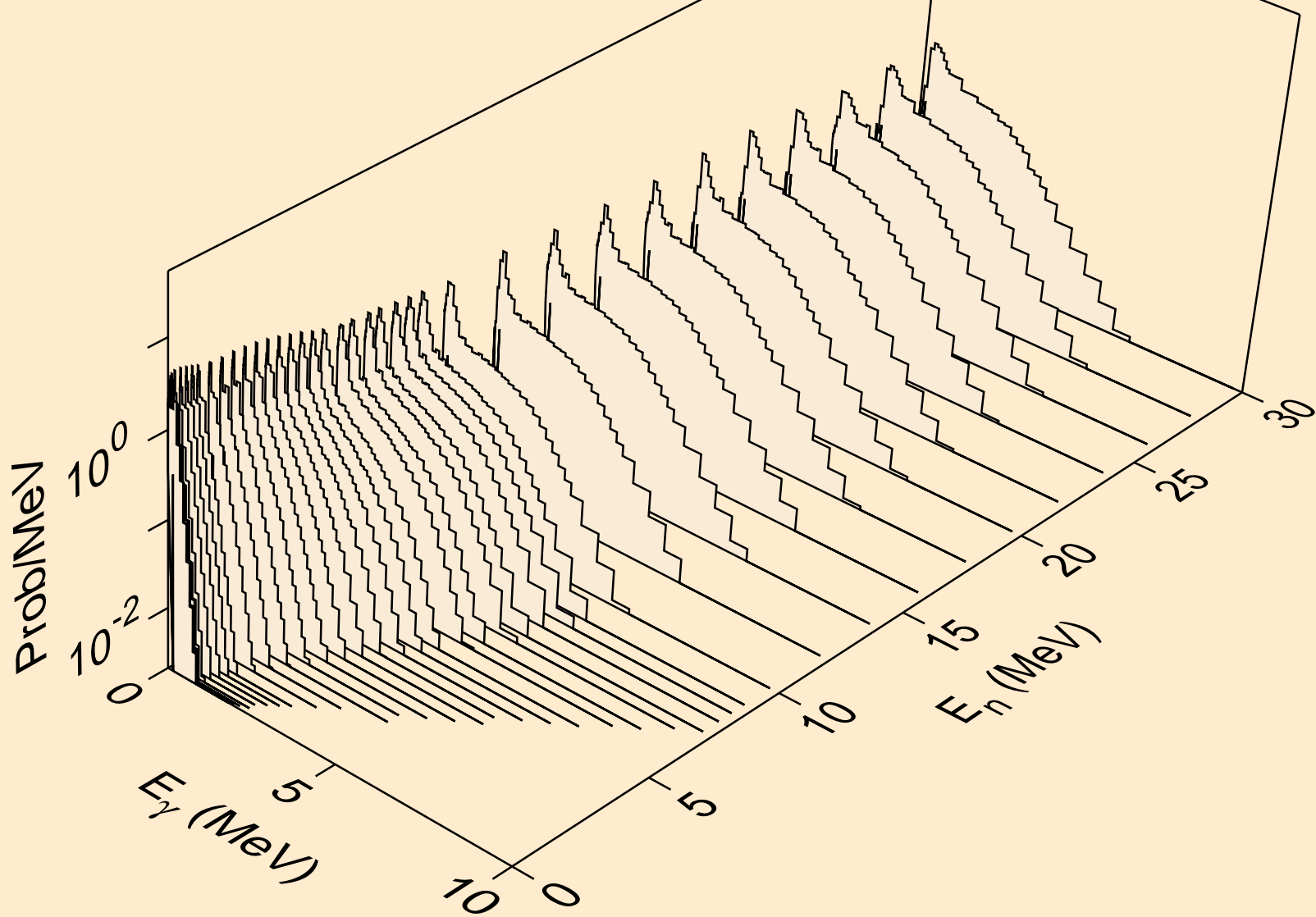
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*c)



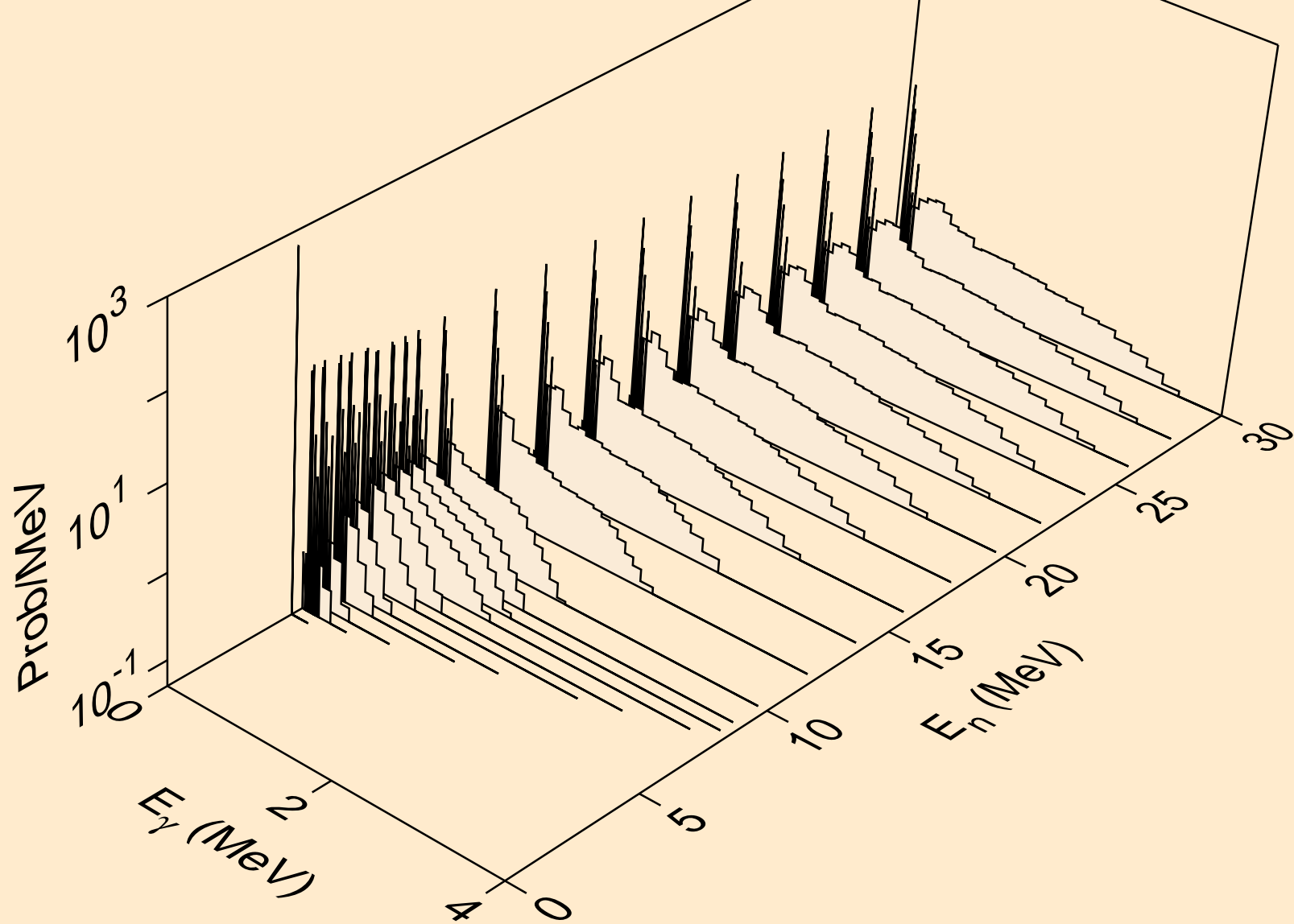
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,gma)



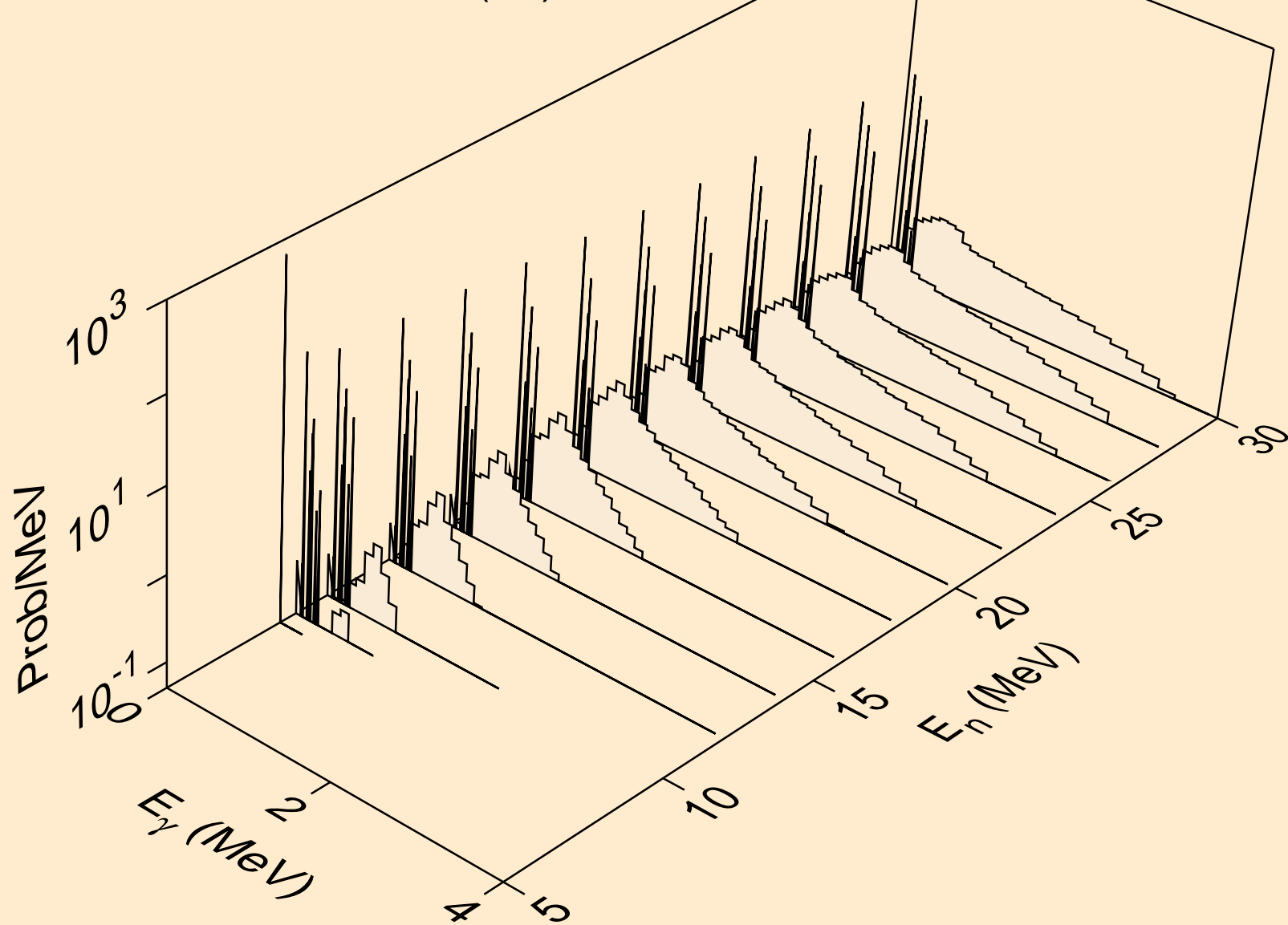
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



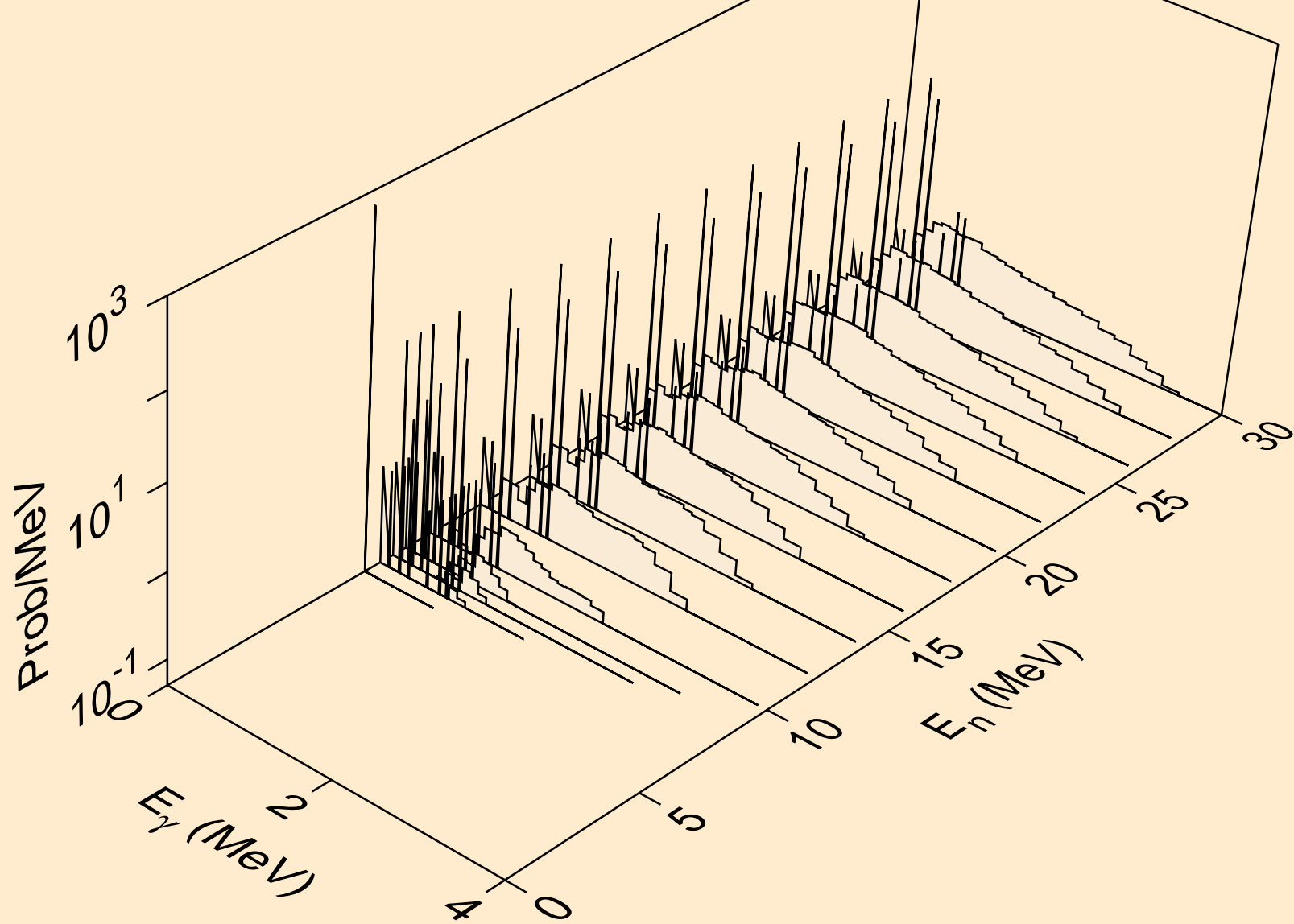
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d)



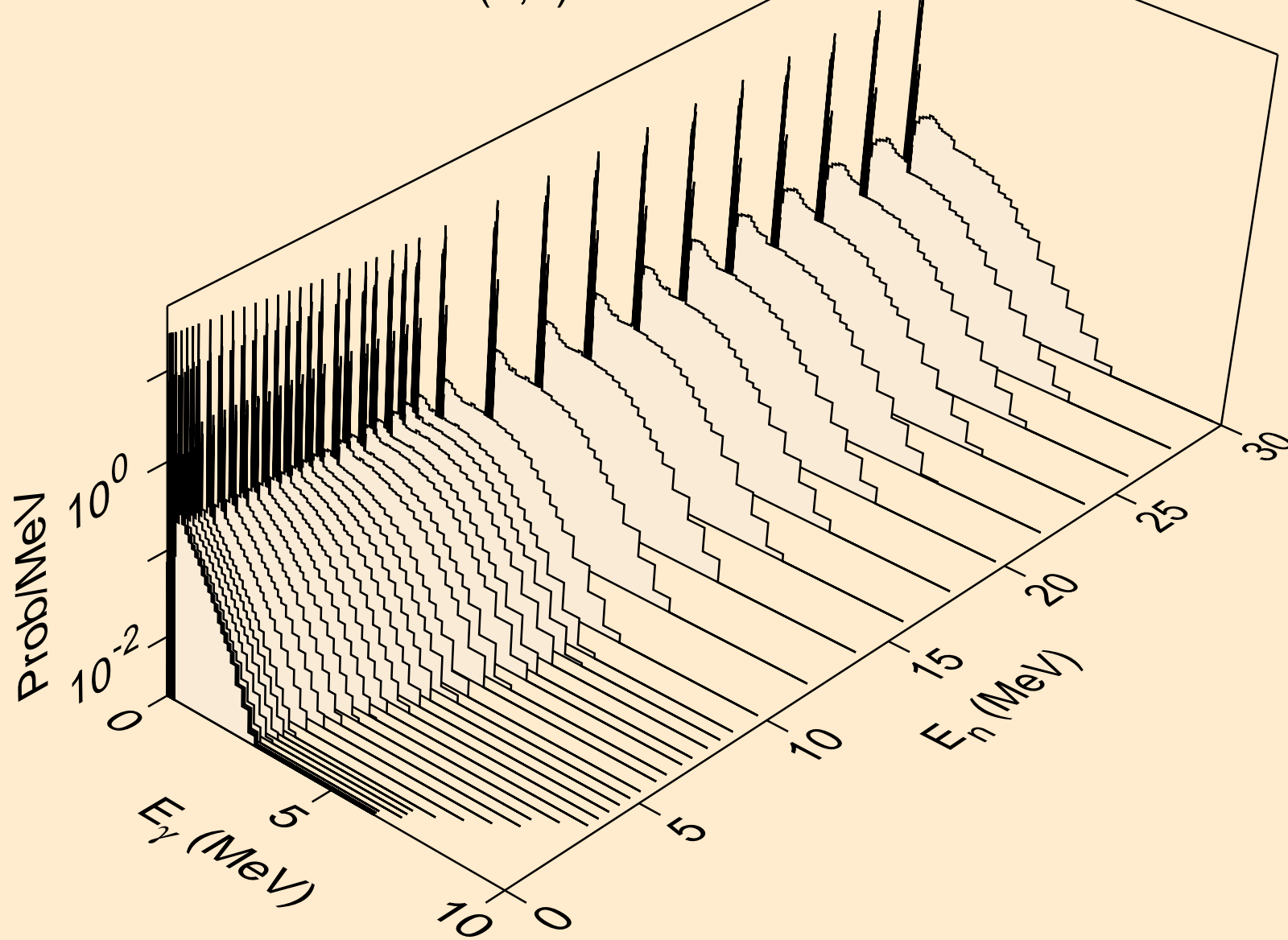
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t)



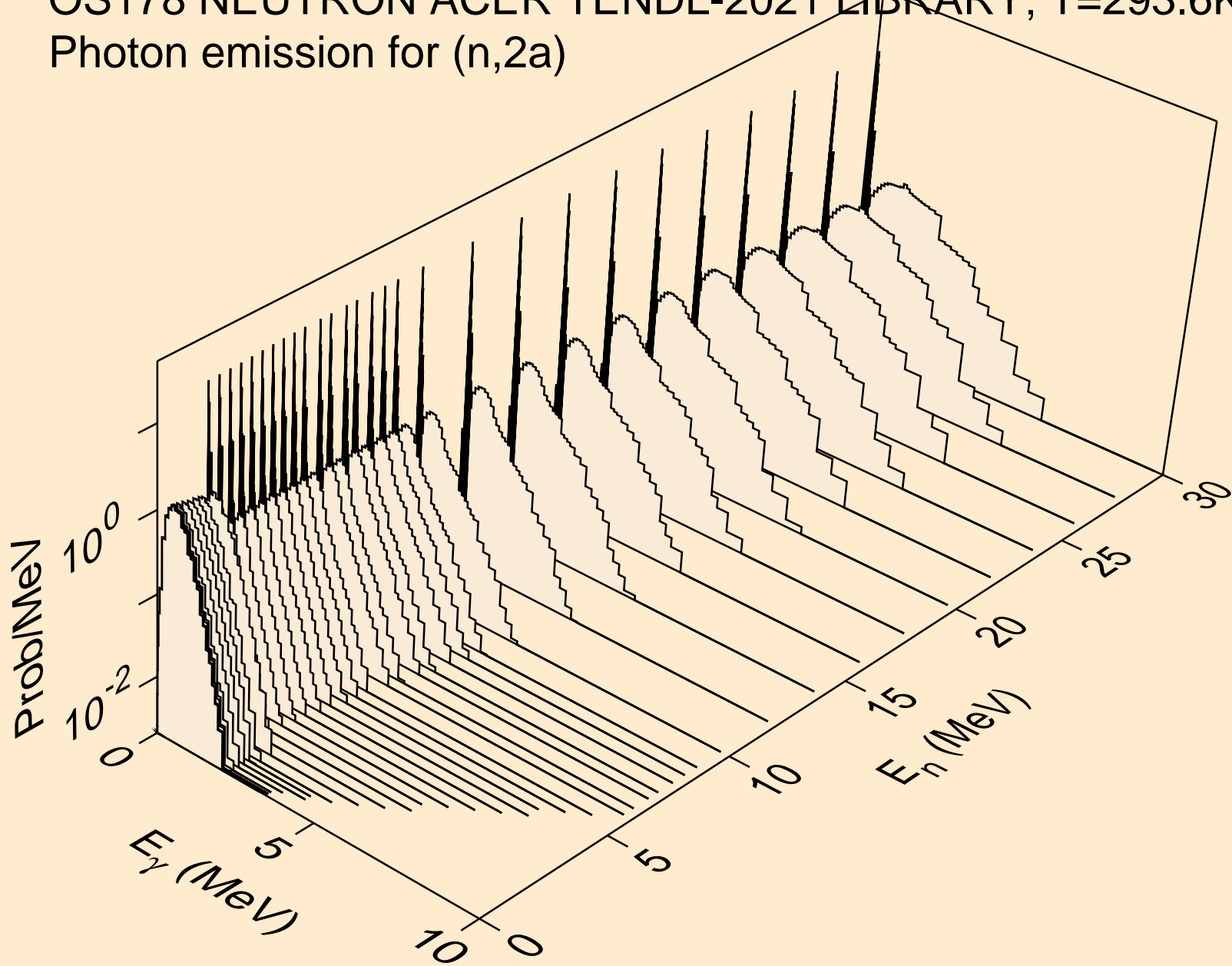
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,he3)



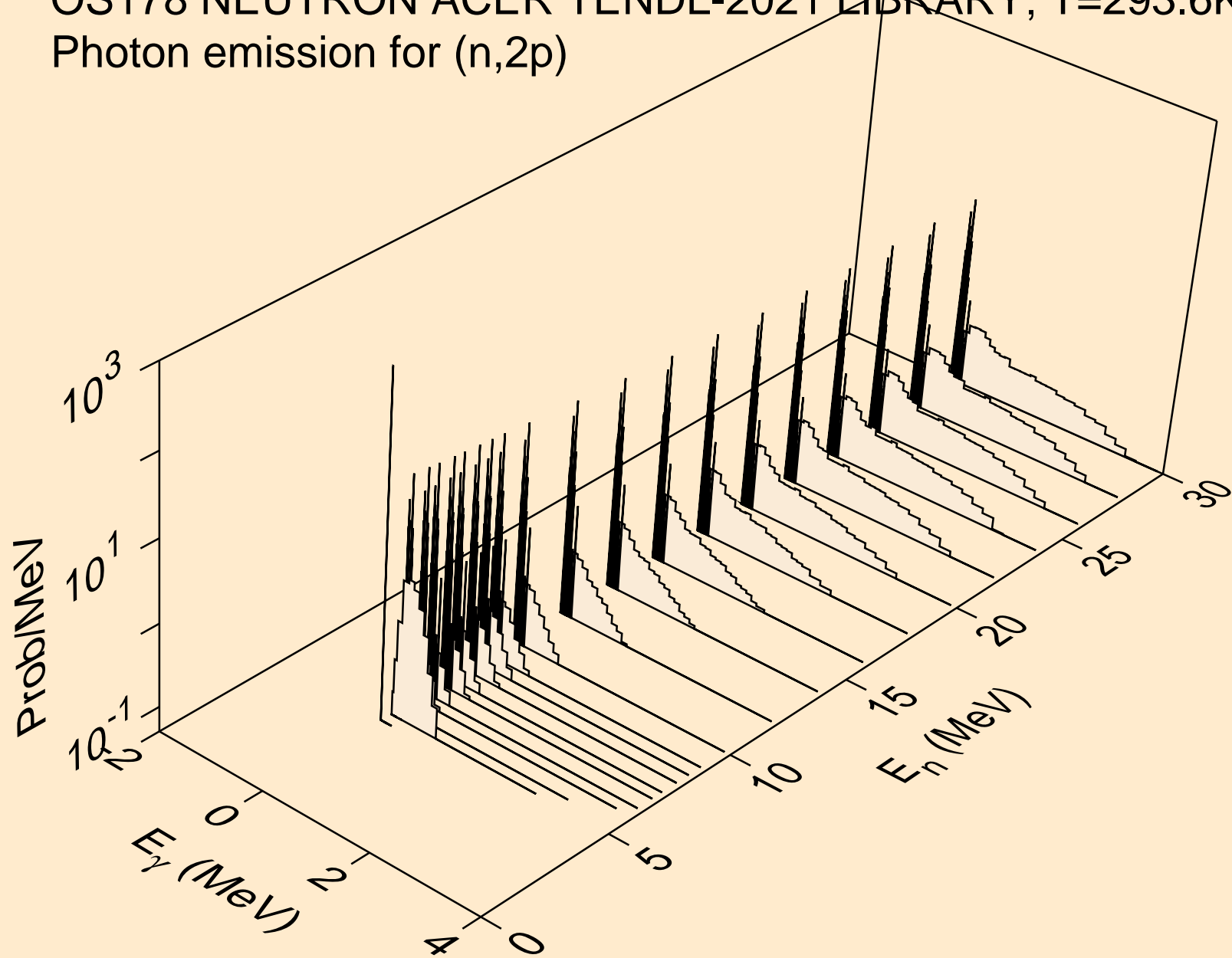
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,a)



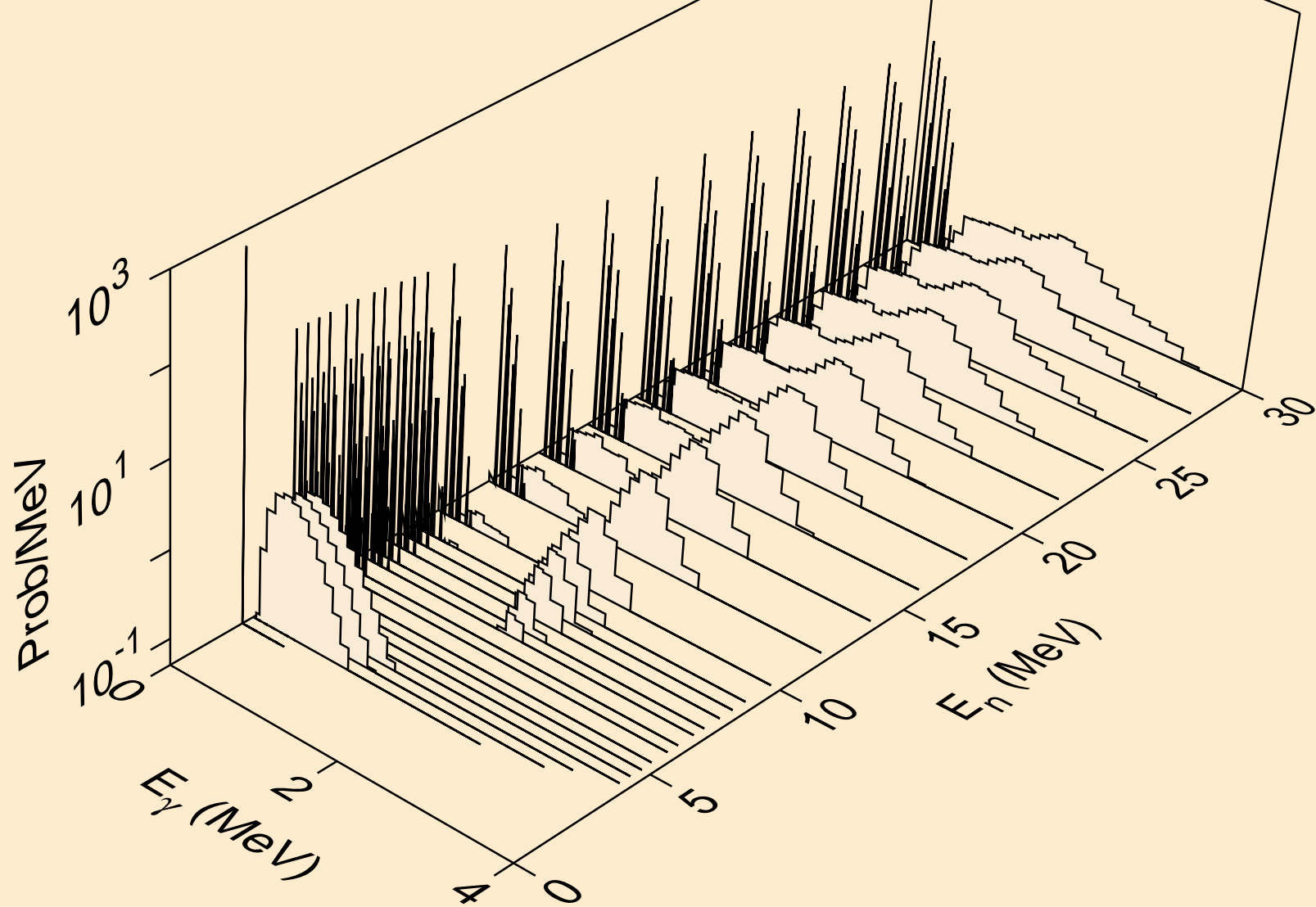
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2a)



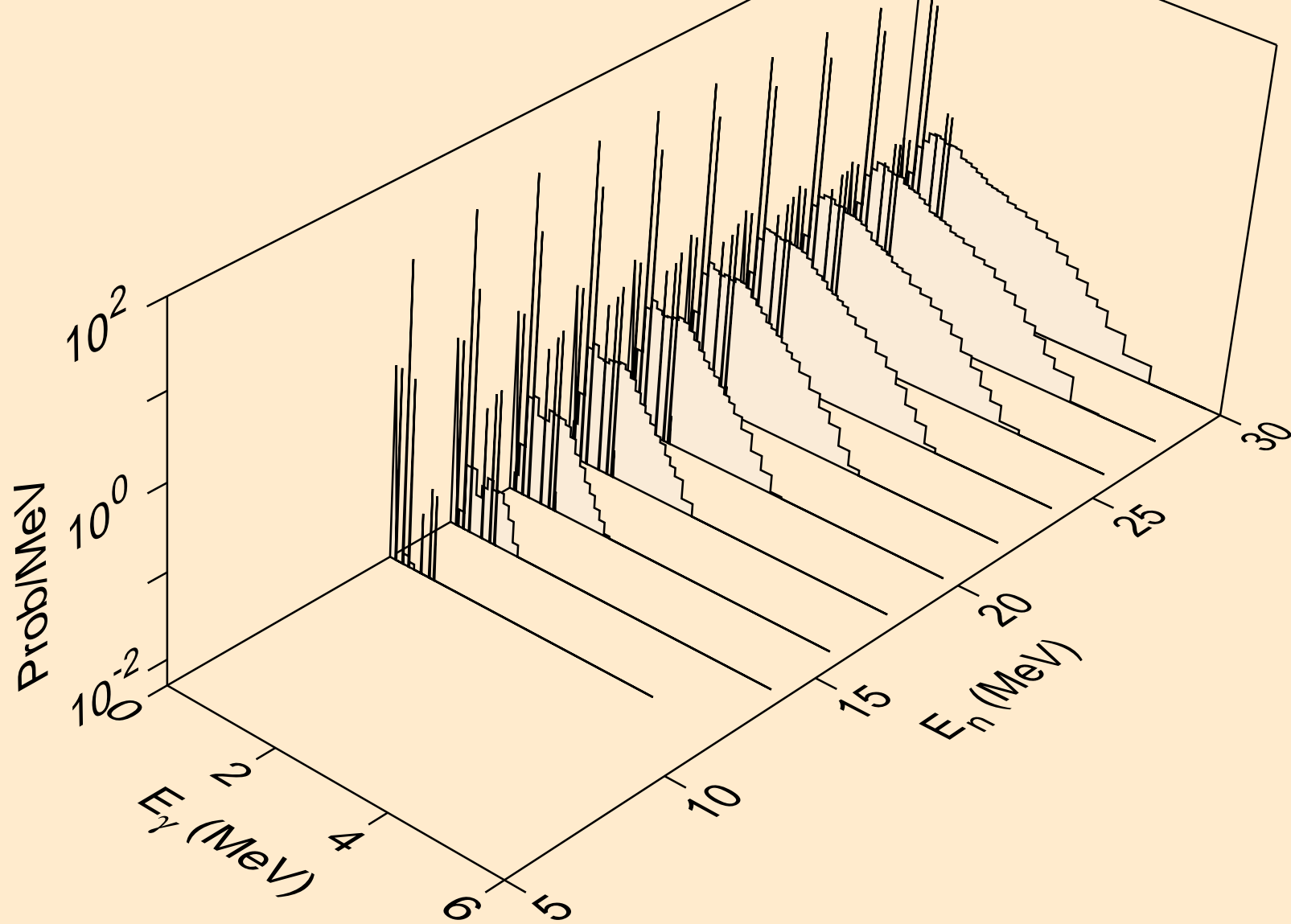
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2p)



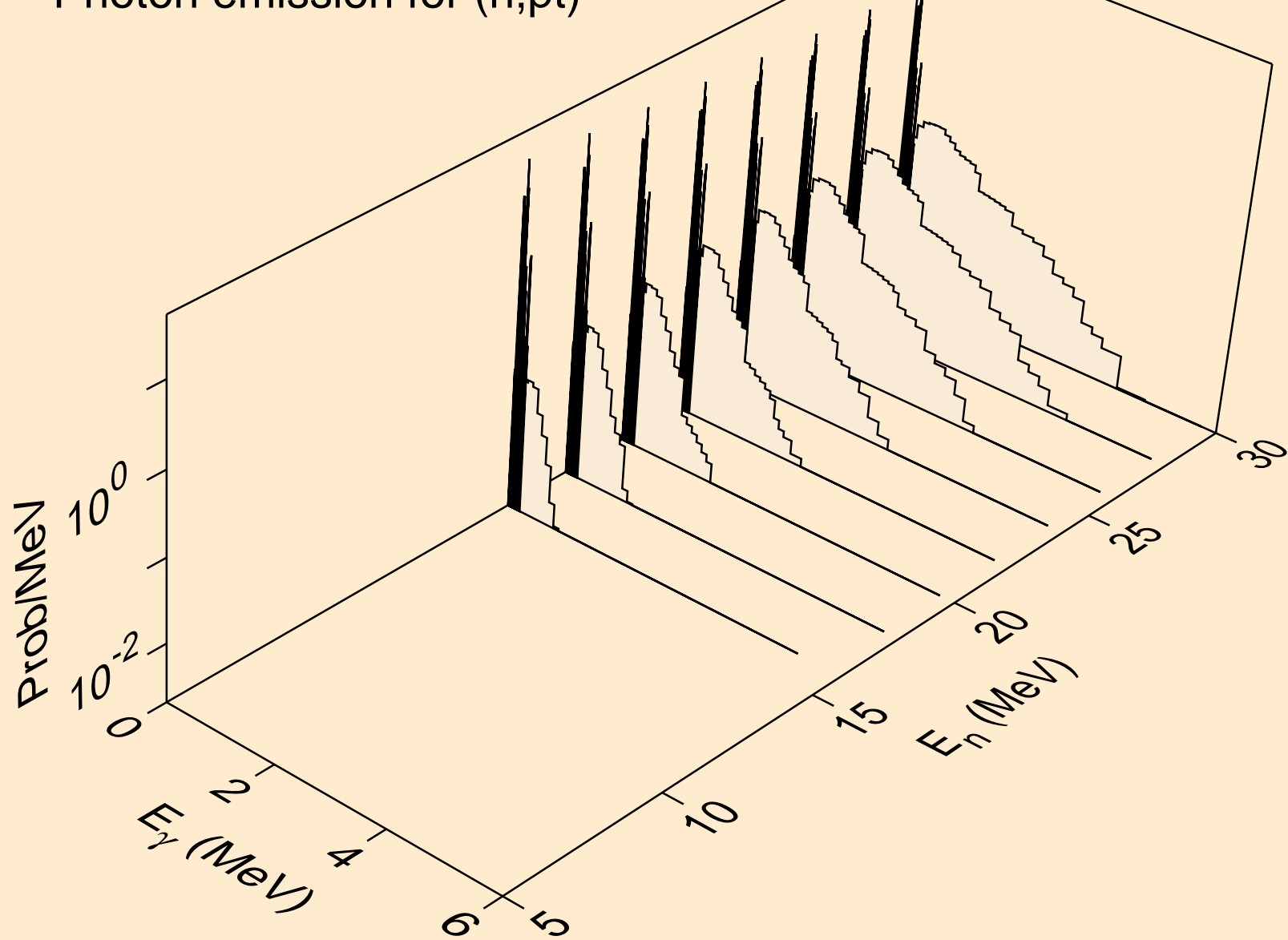
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



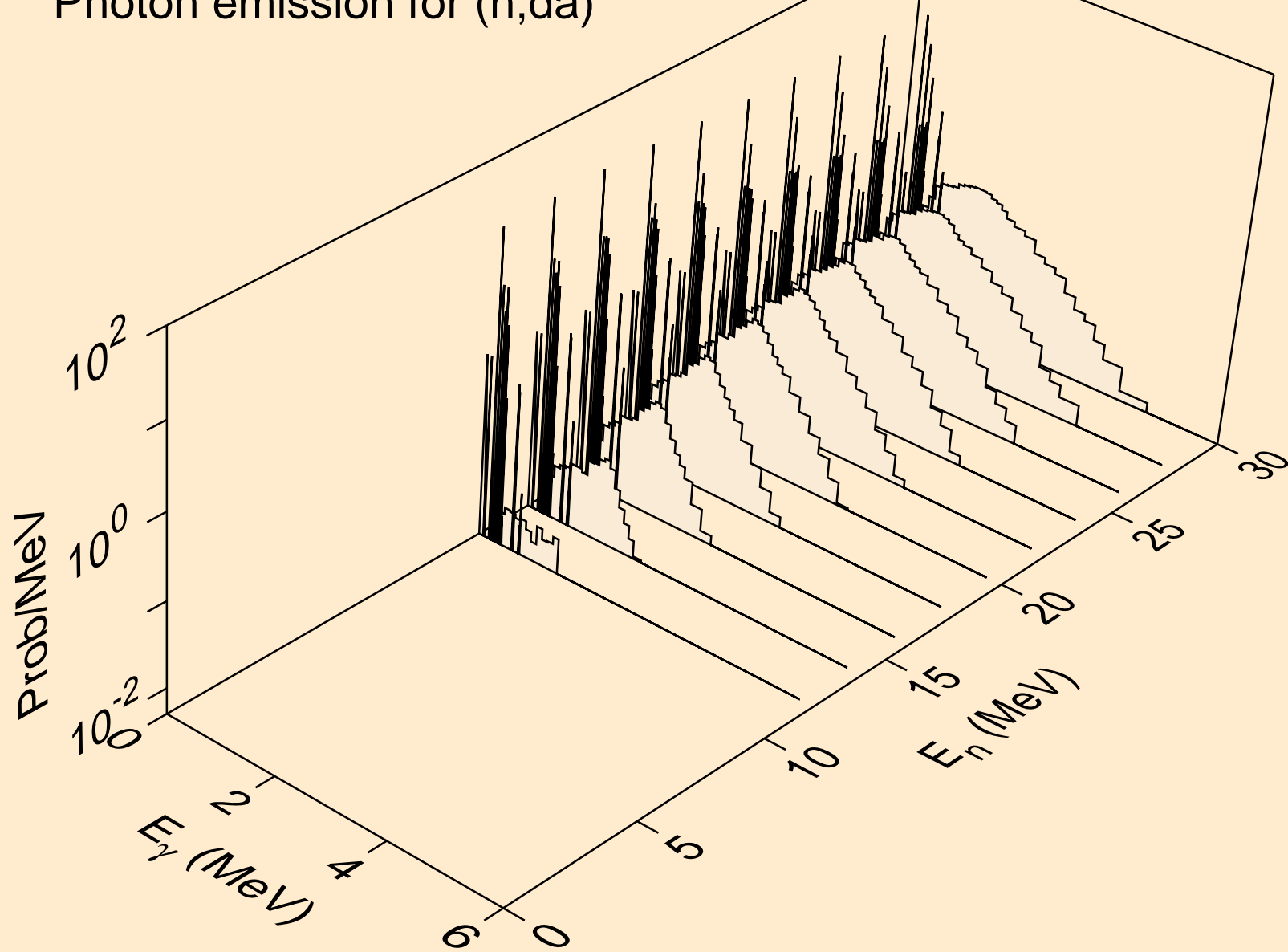
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pd)



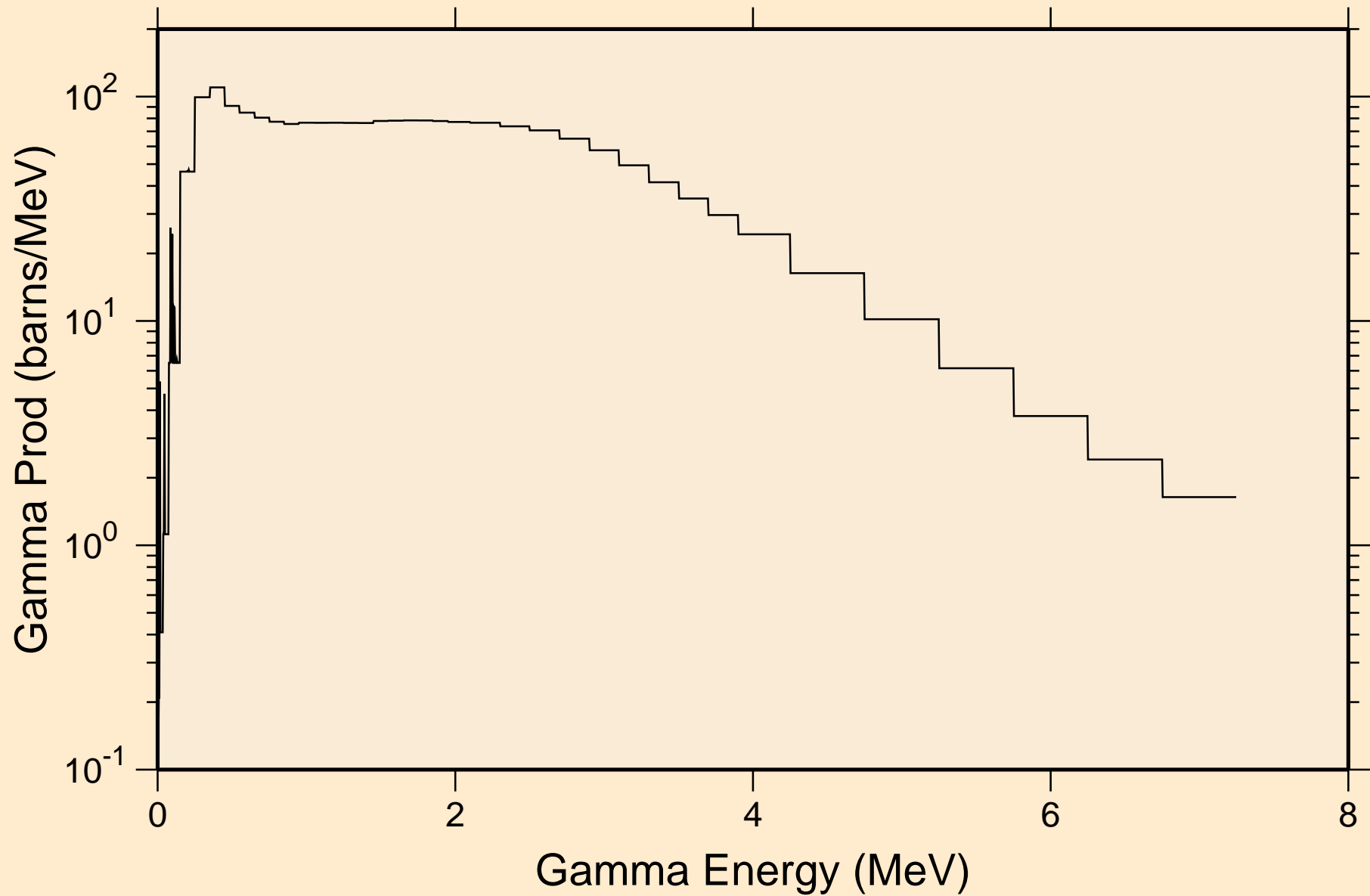
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pt)



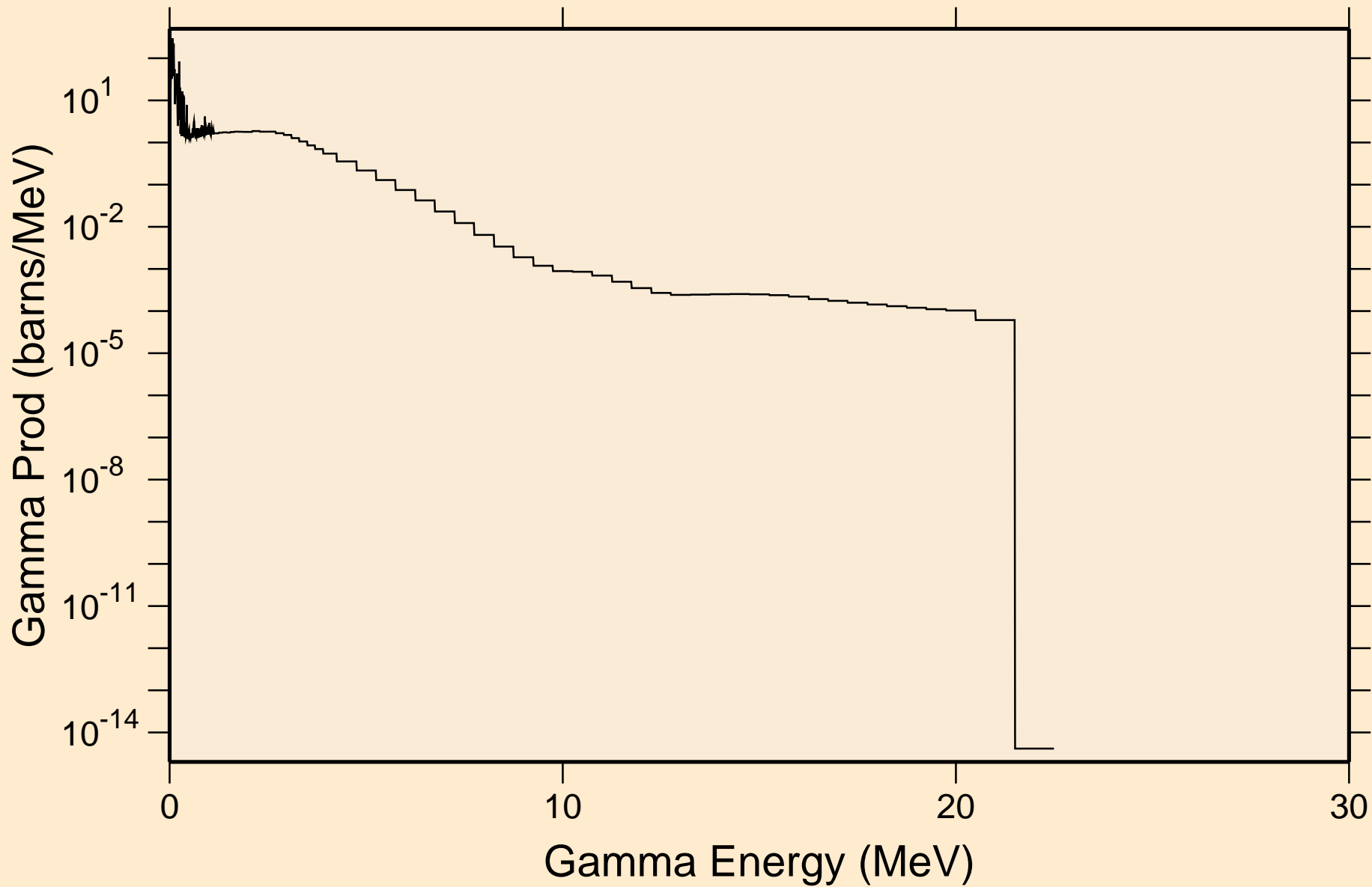
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,da)



OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
thermal capture photon spectrum

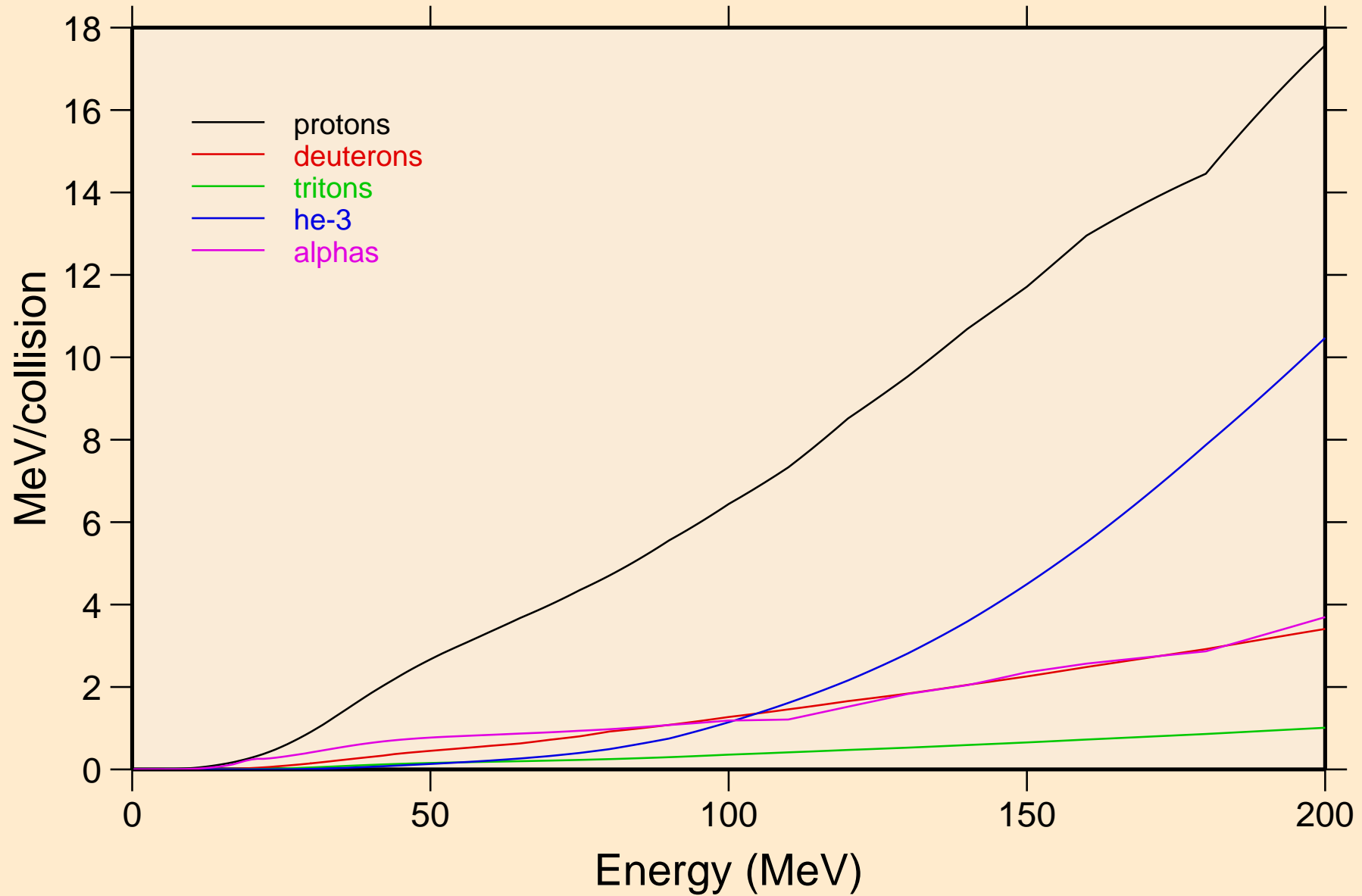


OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
14 MeV photon spectrum

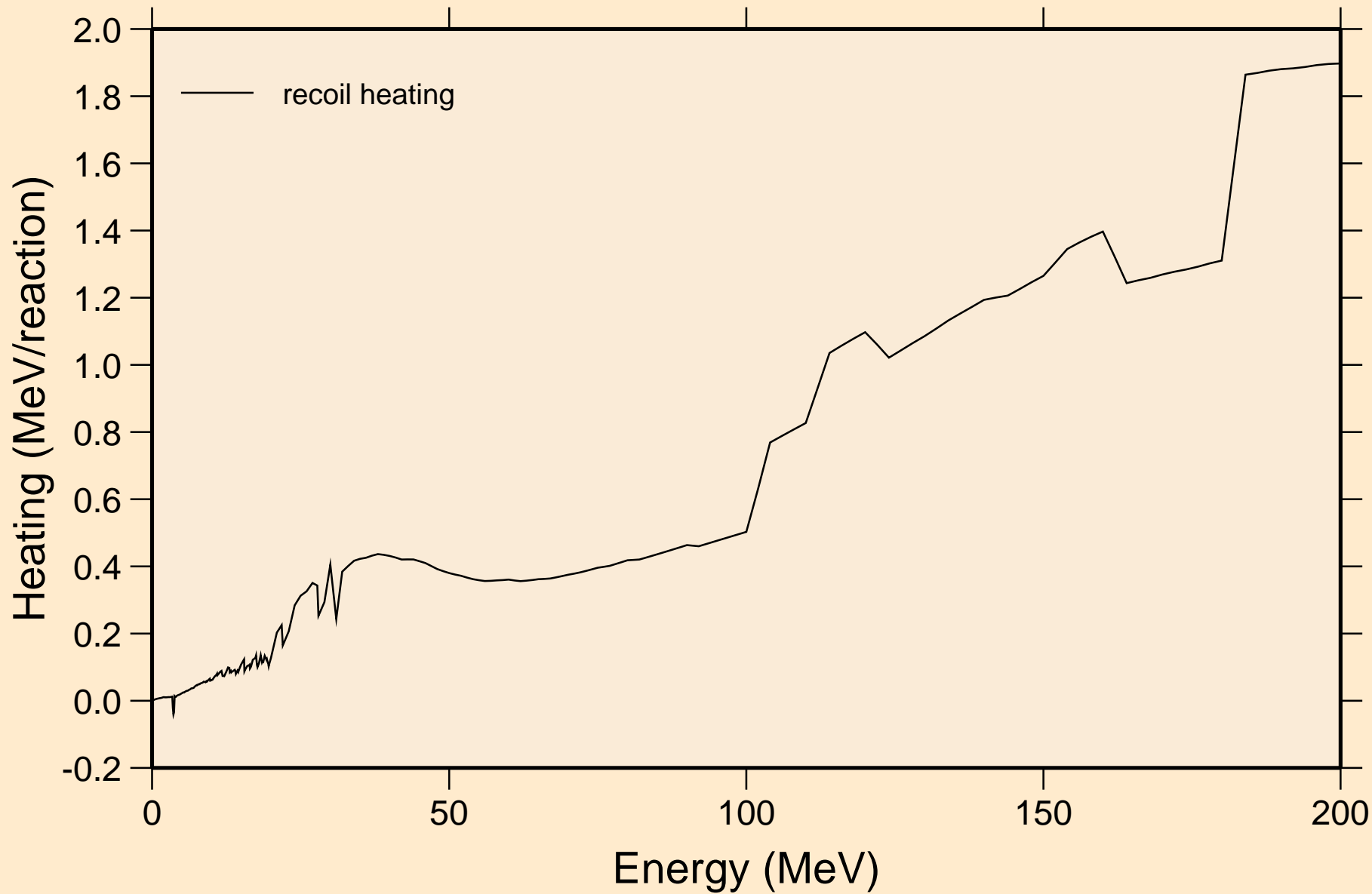


OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Particle heating contributions

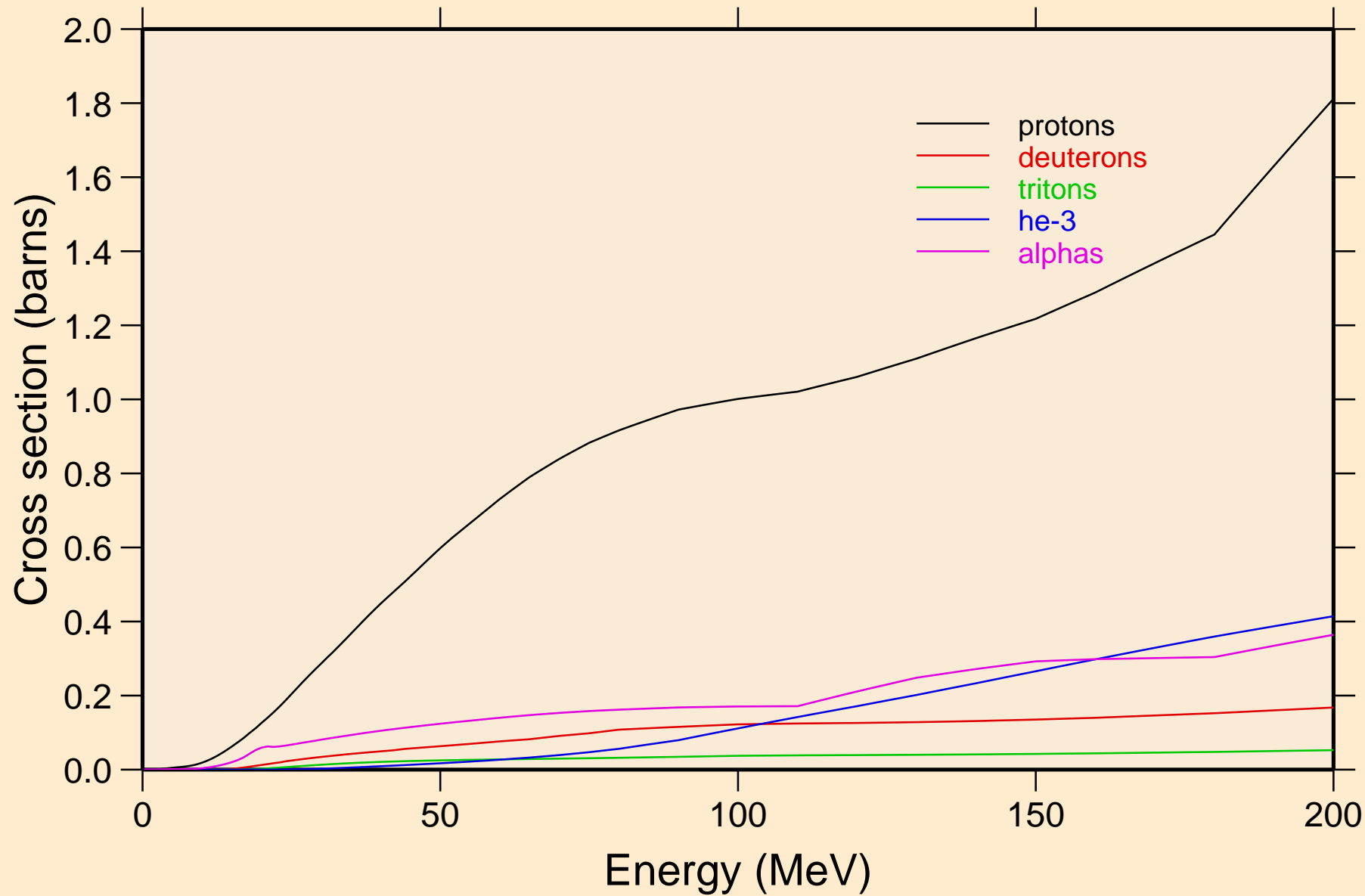


OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Recoil Heating

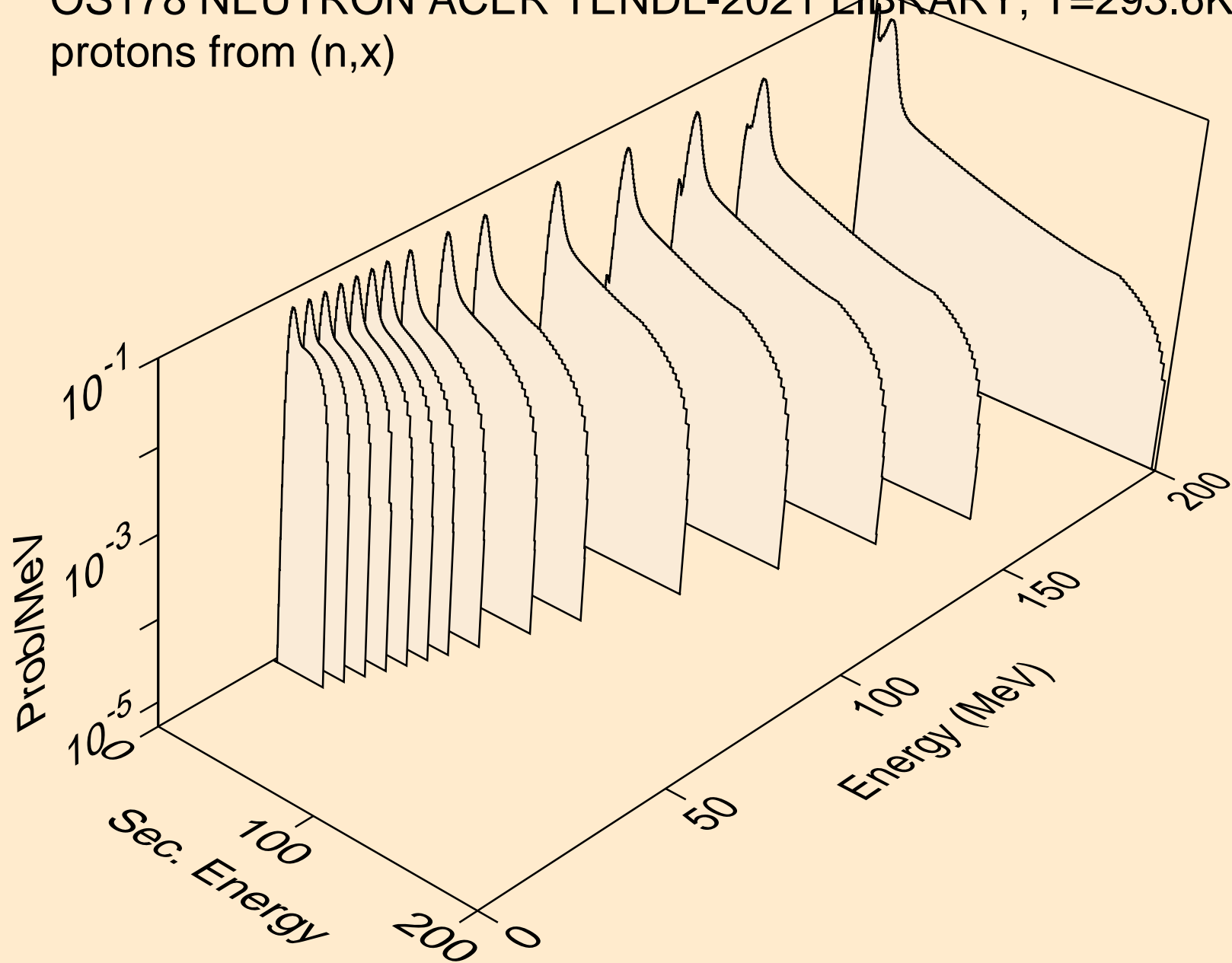


OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

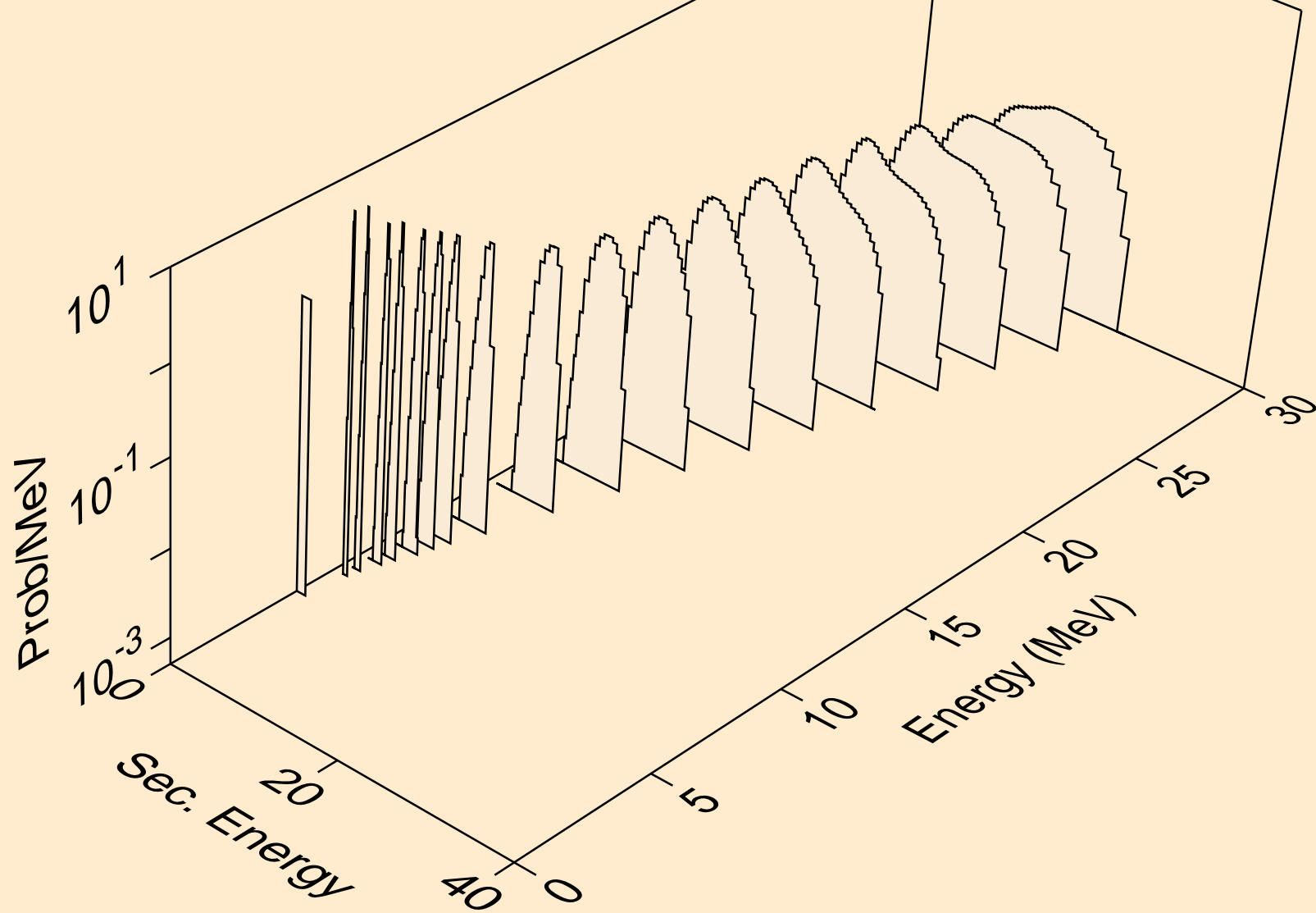
Particle production cross sections



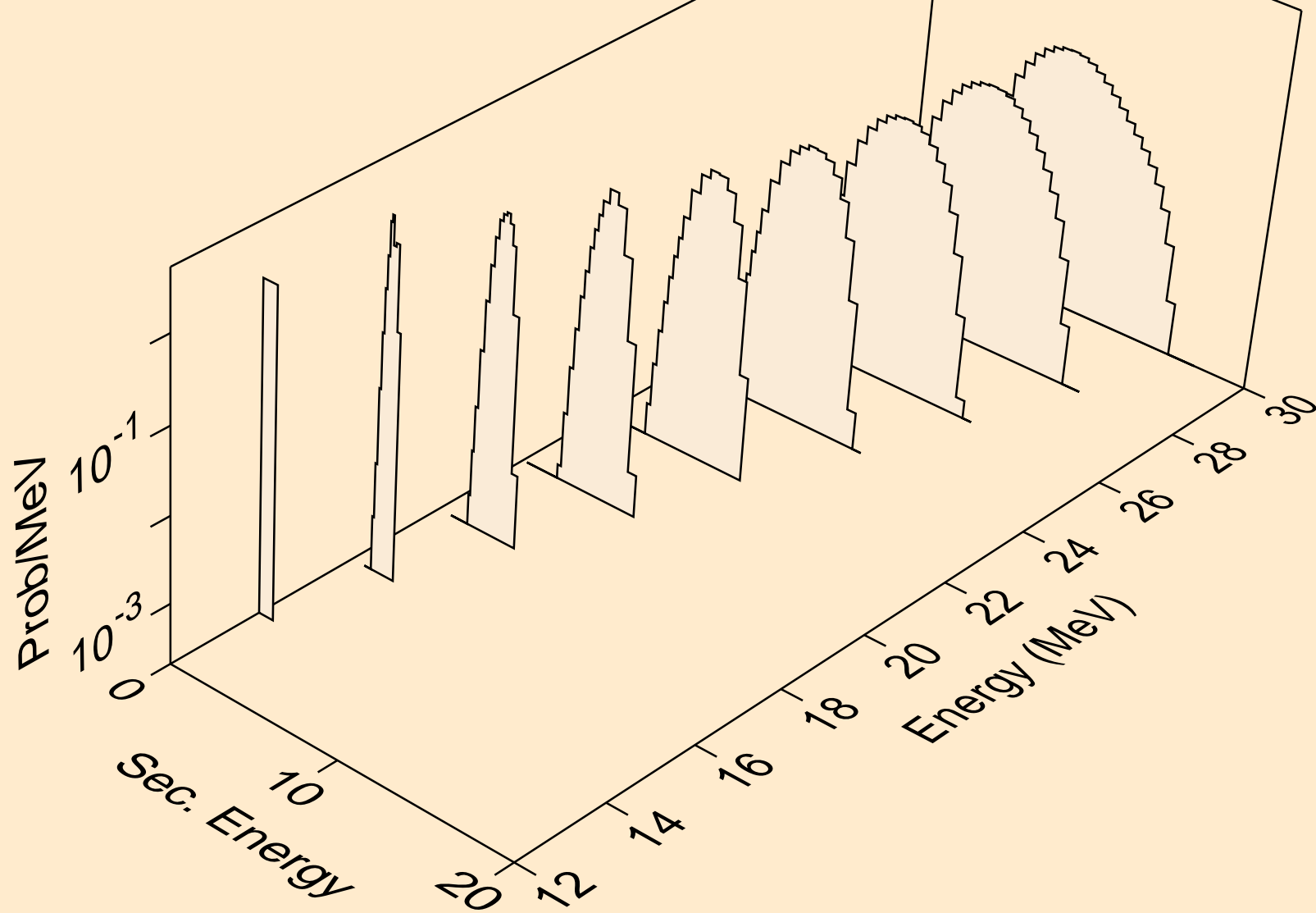
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,x)



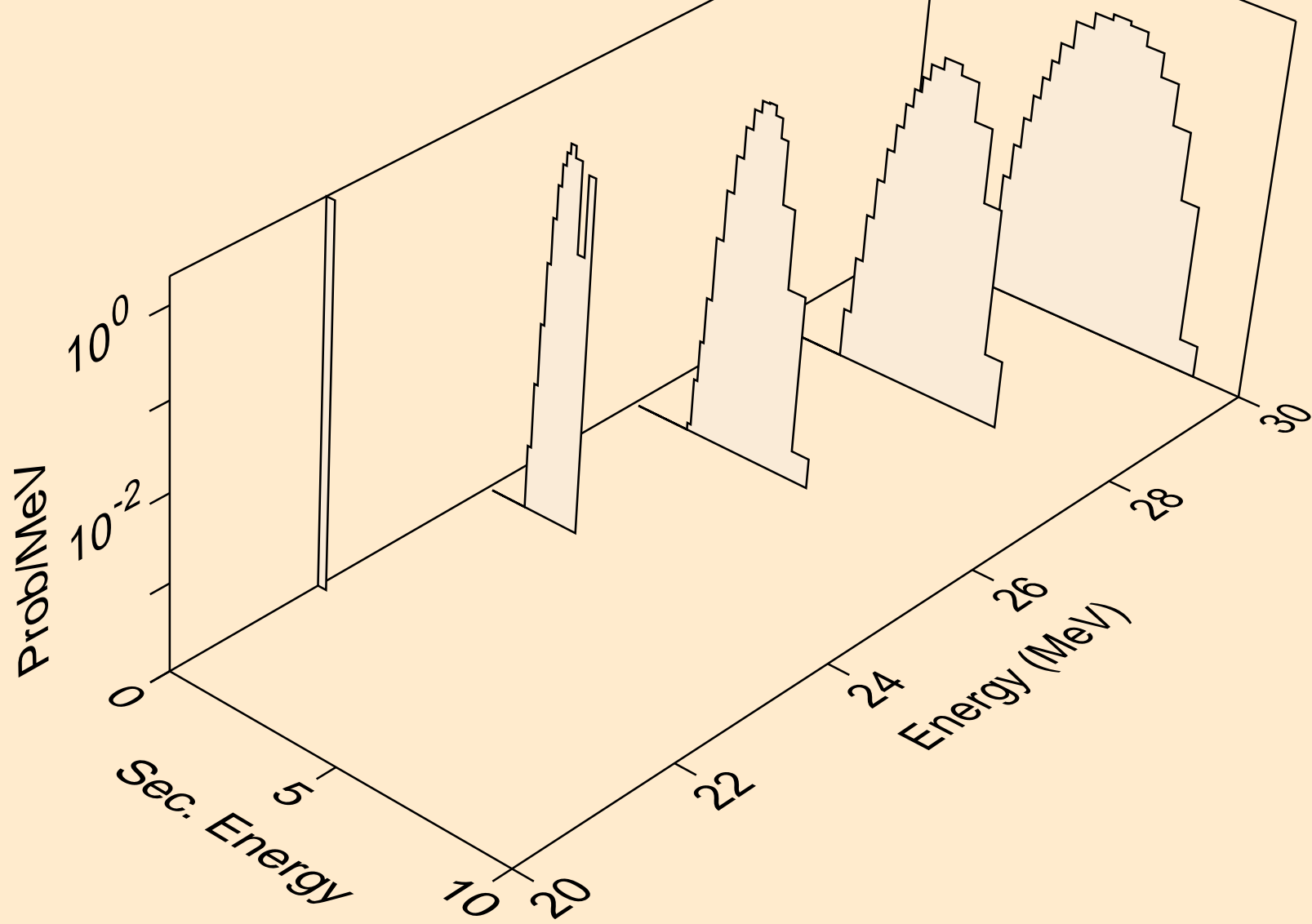
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,n*)p



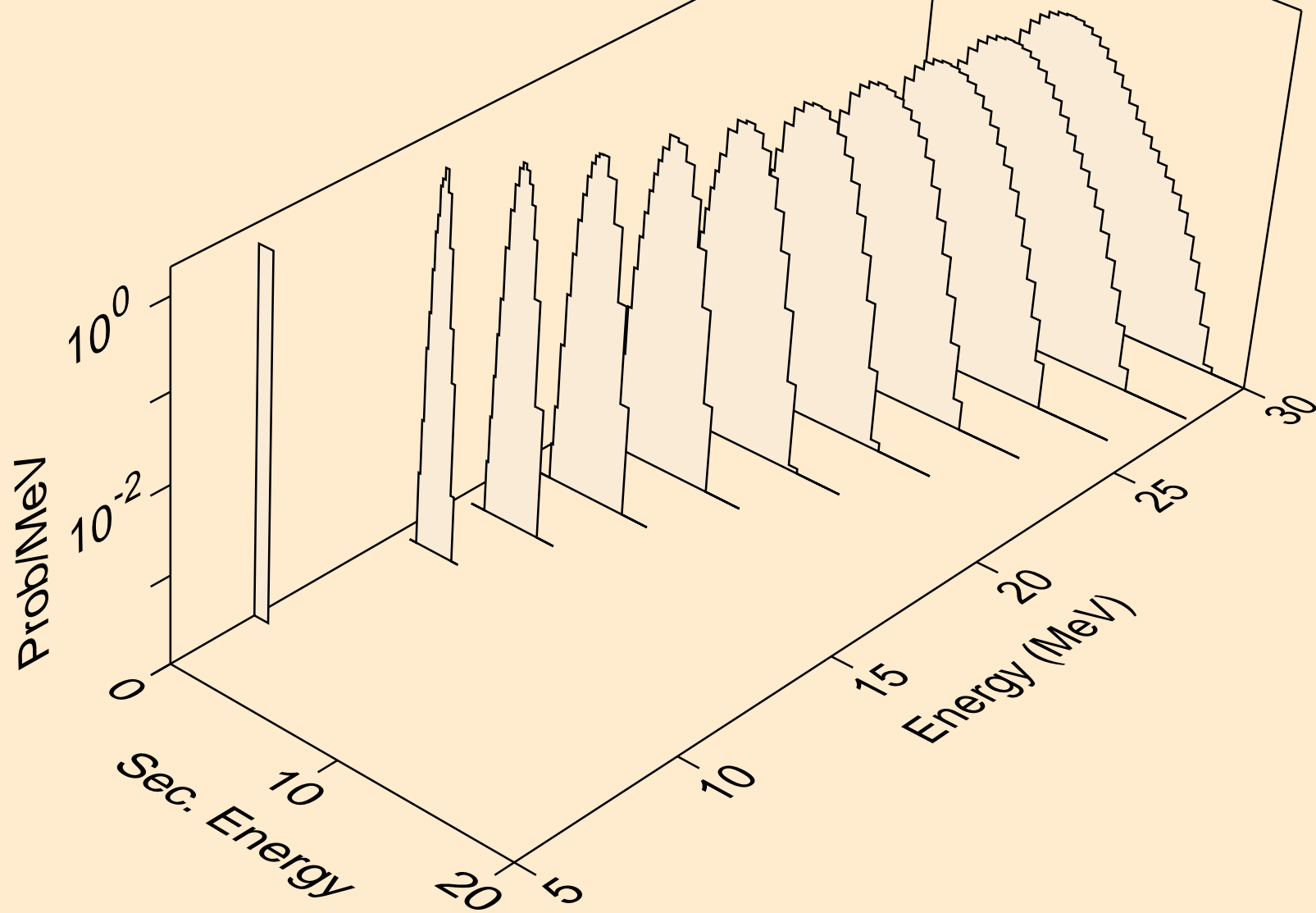
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protons from (n,2np)



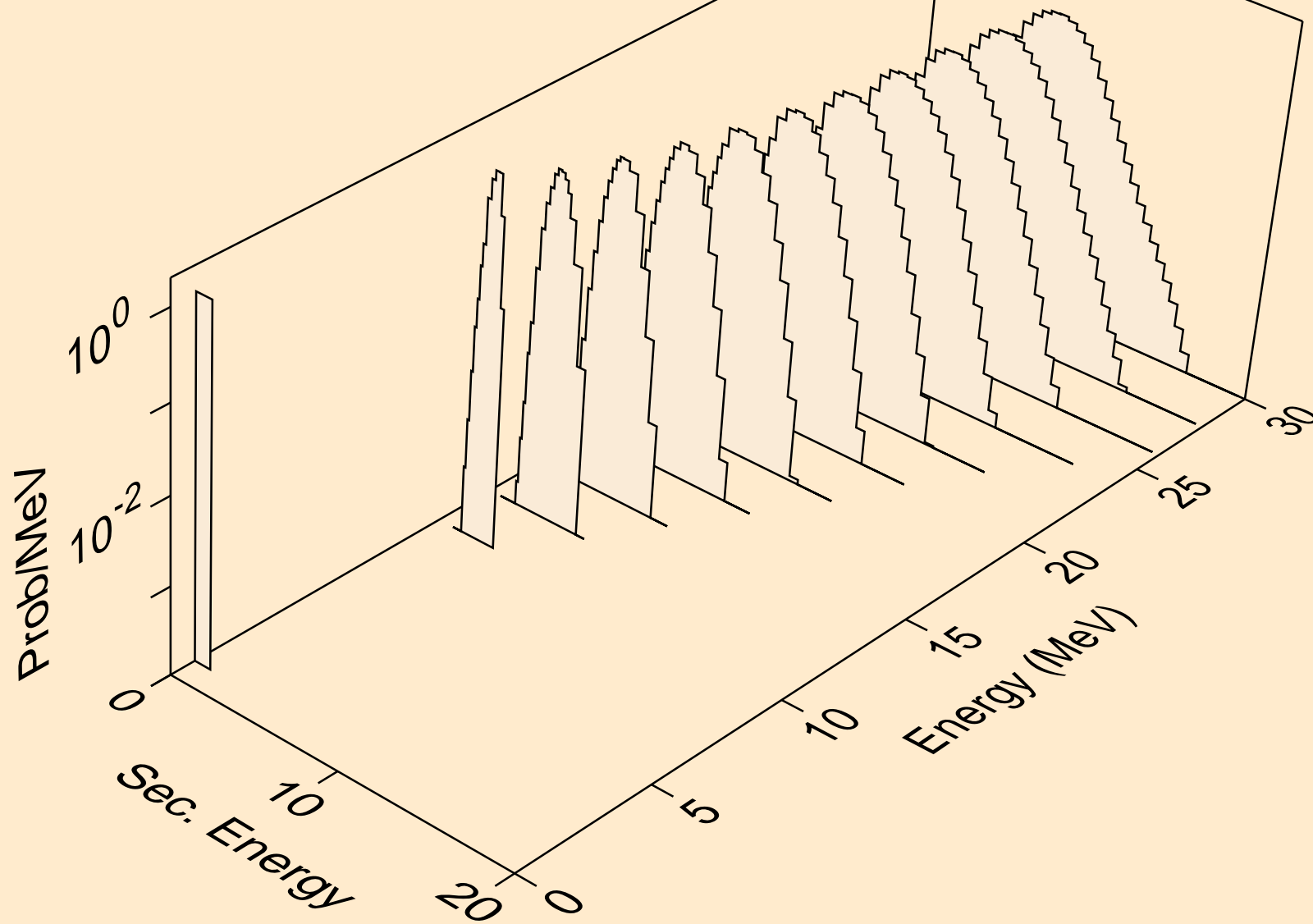
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,3np)



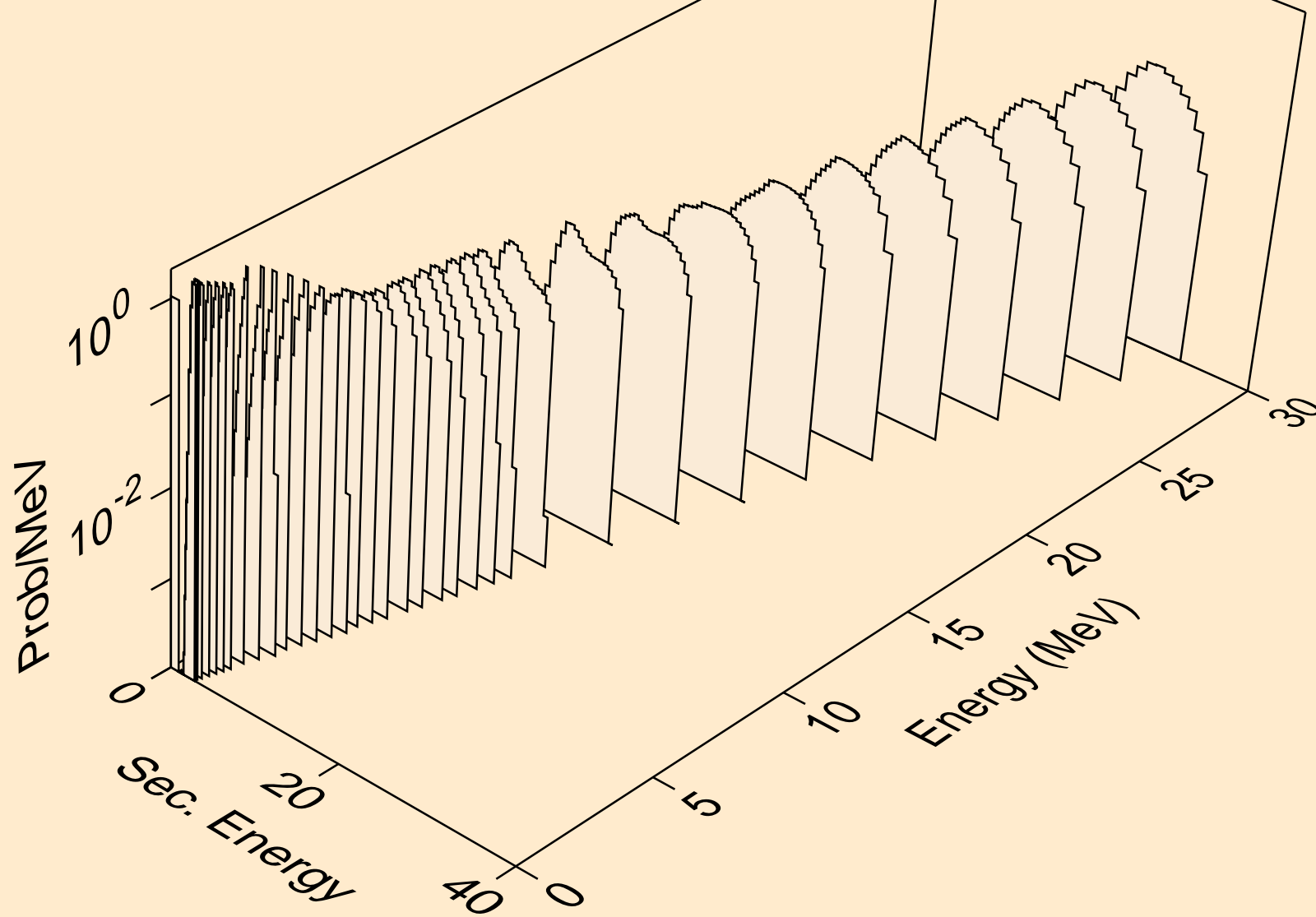
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



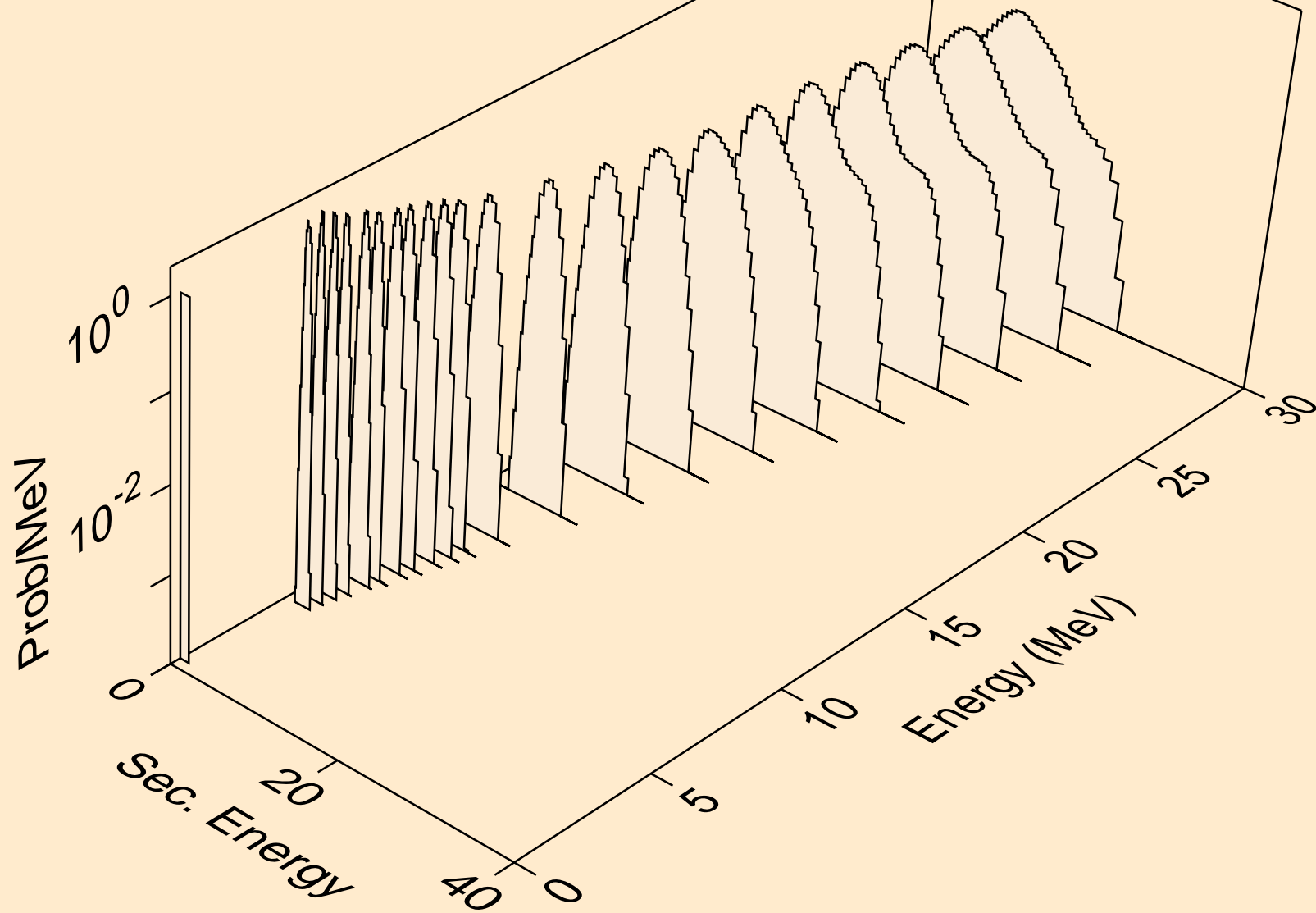
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,npa)



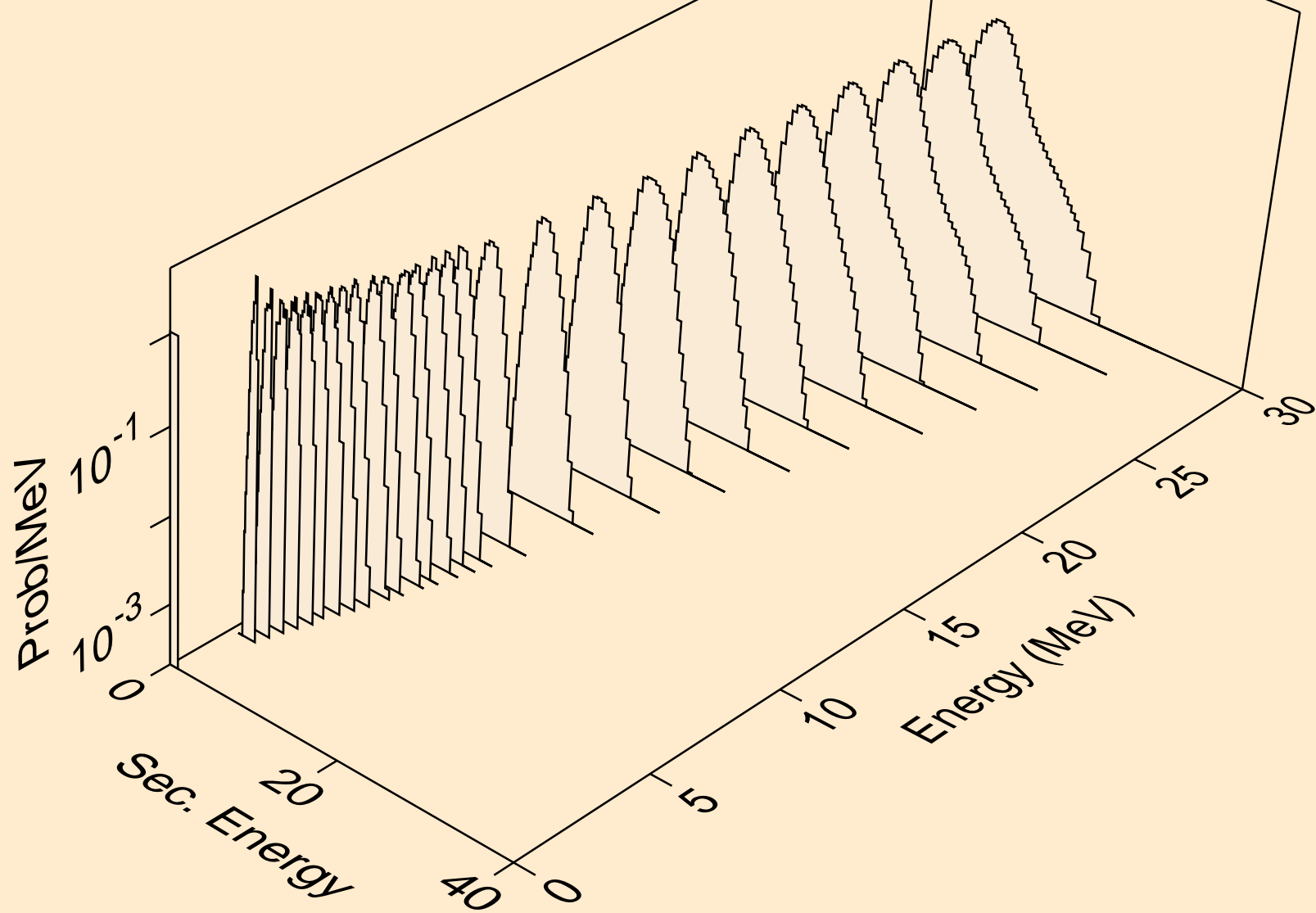
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,p)



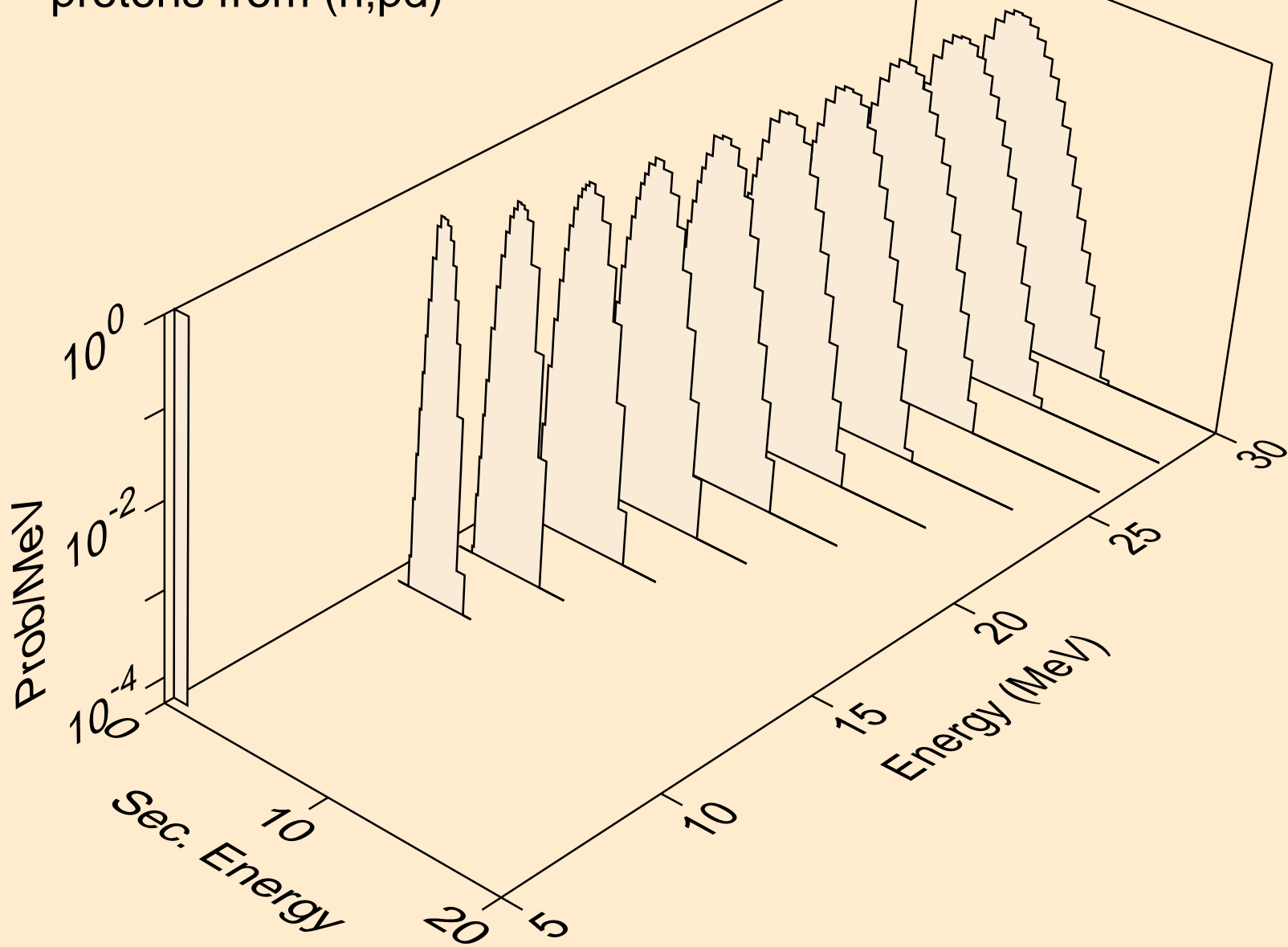
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protons from (n,2p)



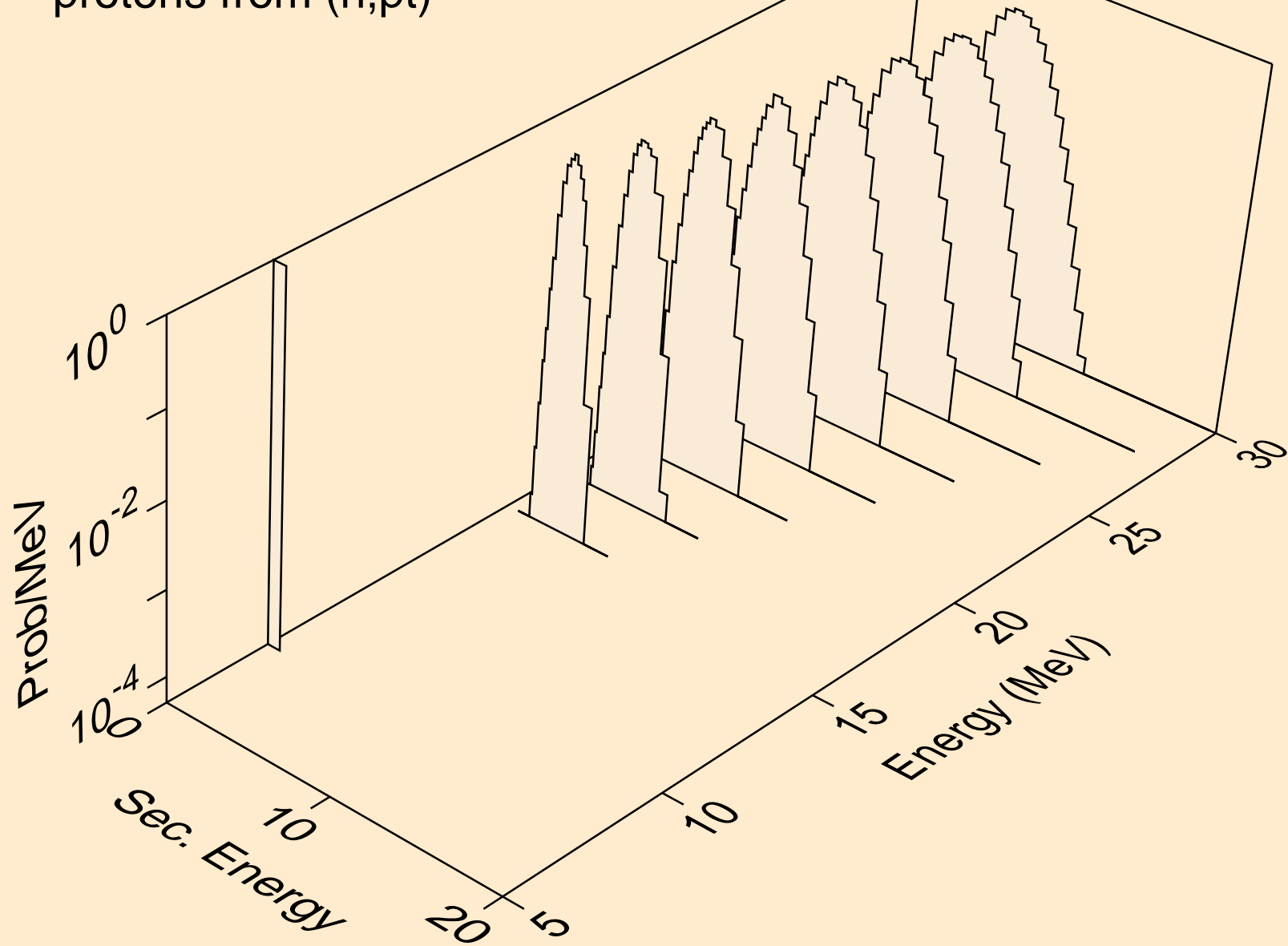
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,p)



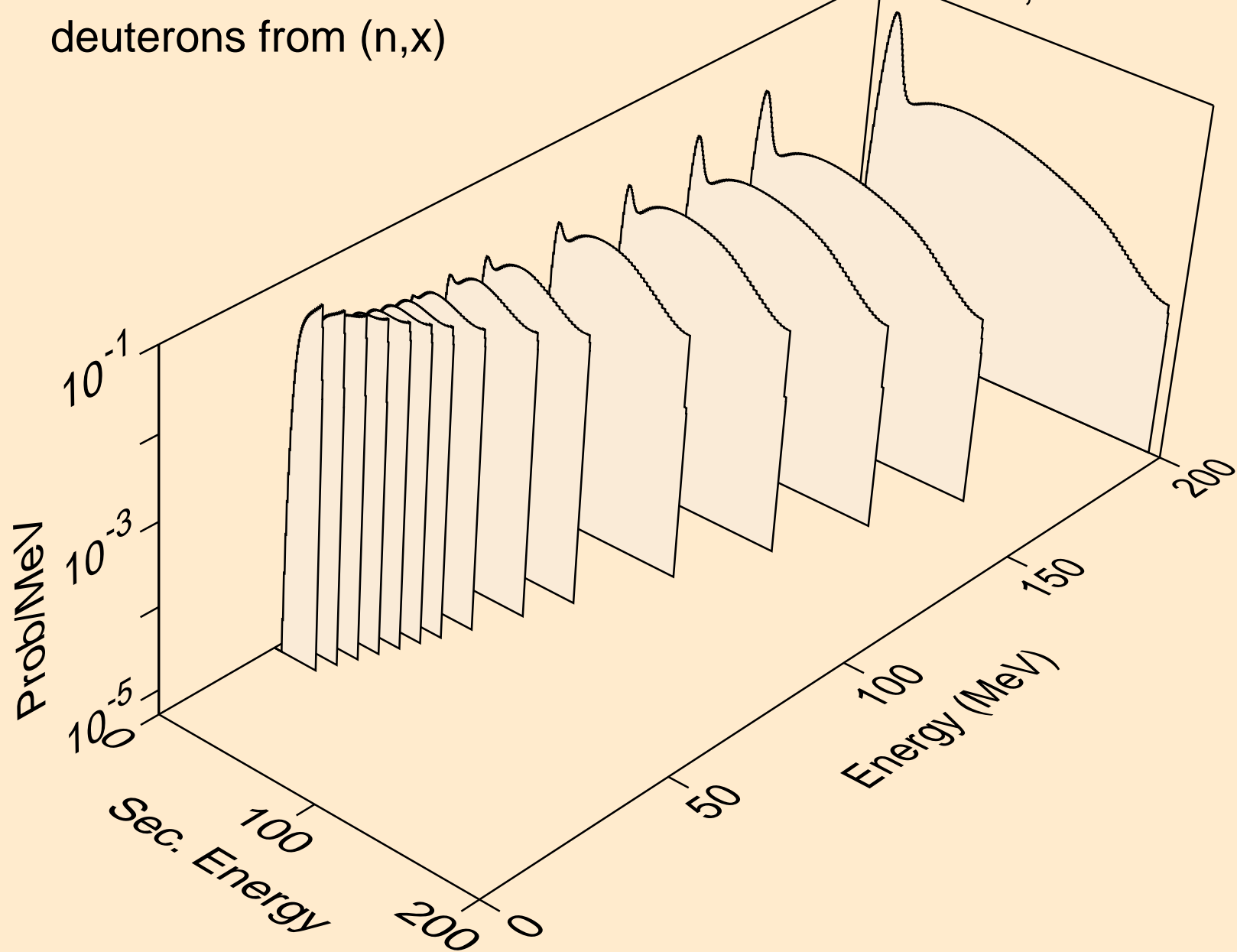
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pd)



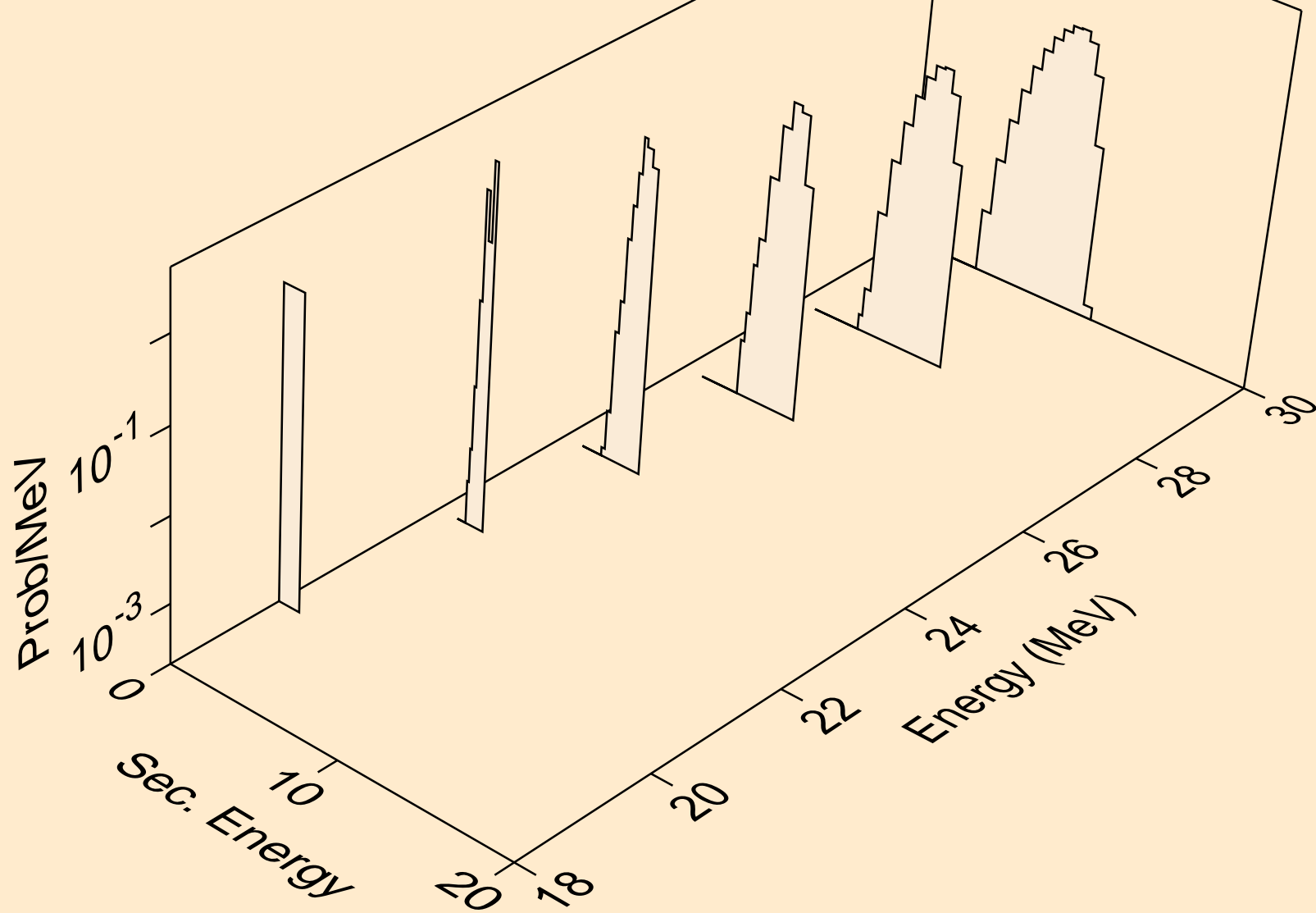
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protons from (n,pt)



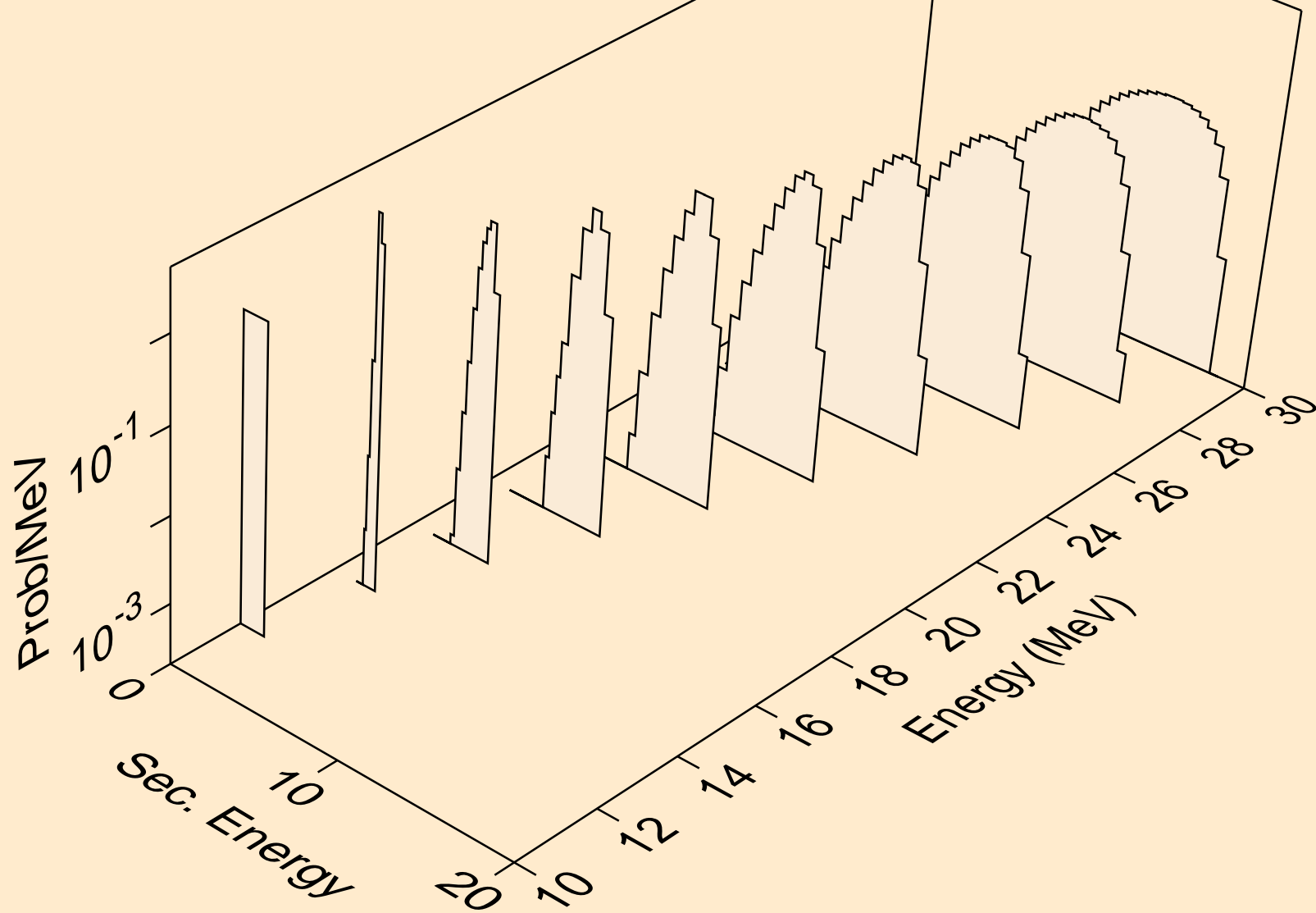
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,x)



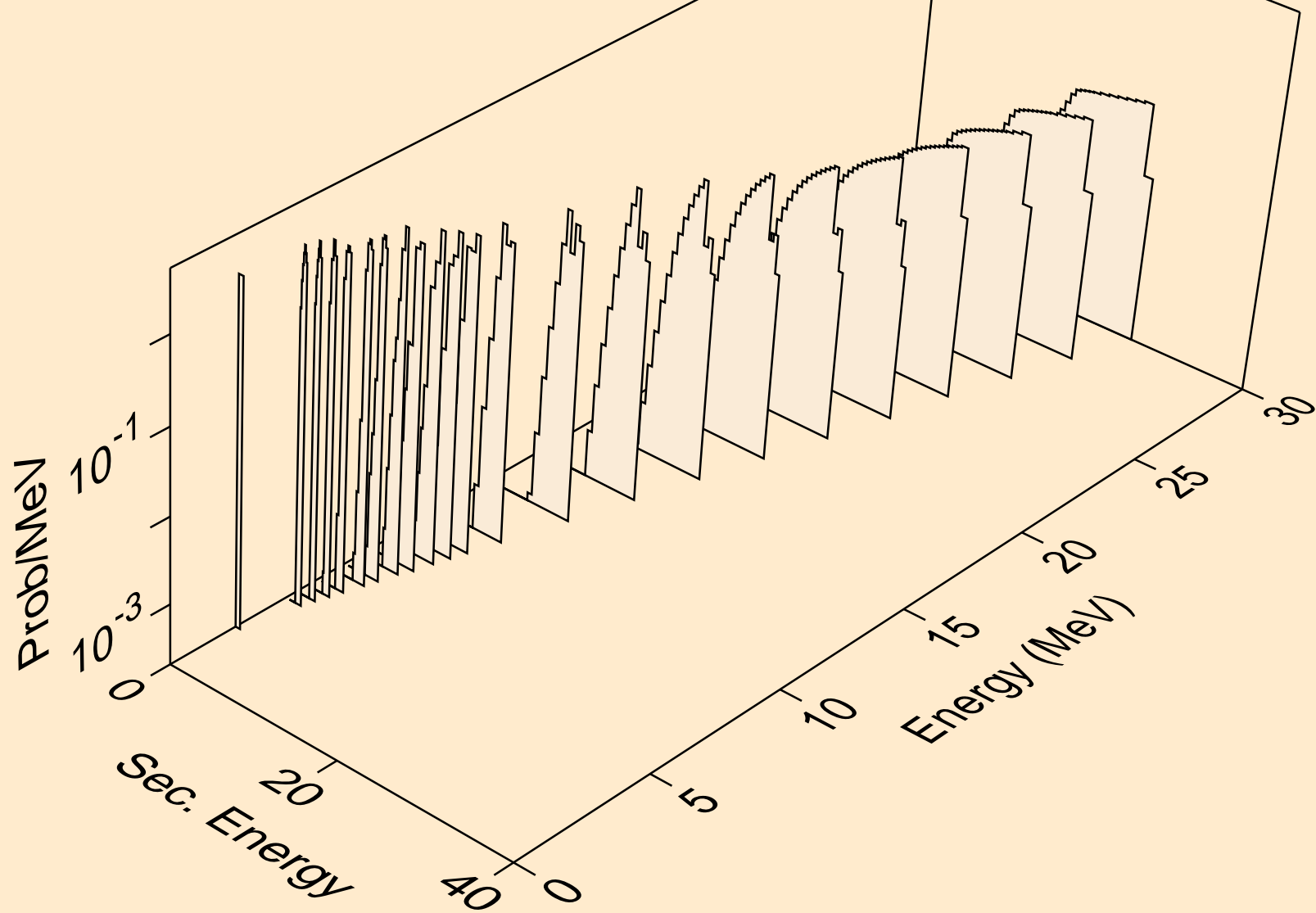
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deuterons from (n,2nd)



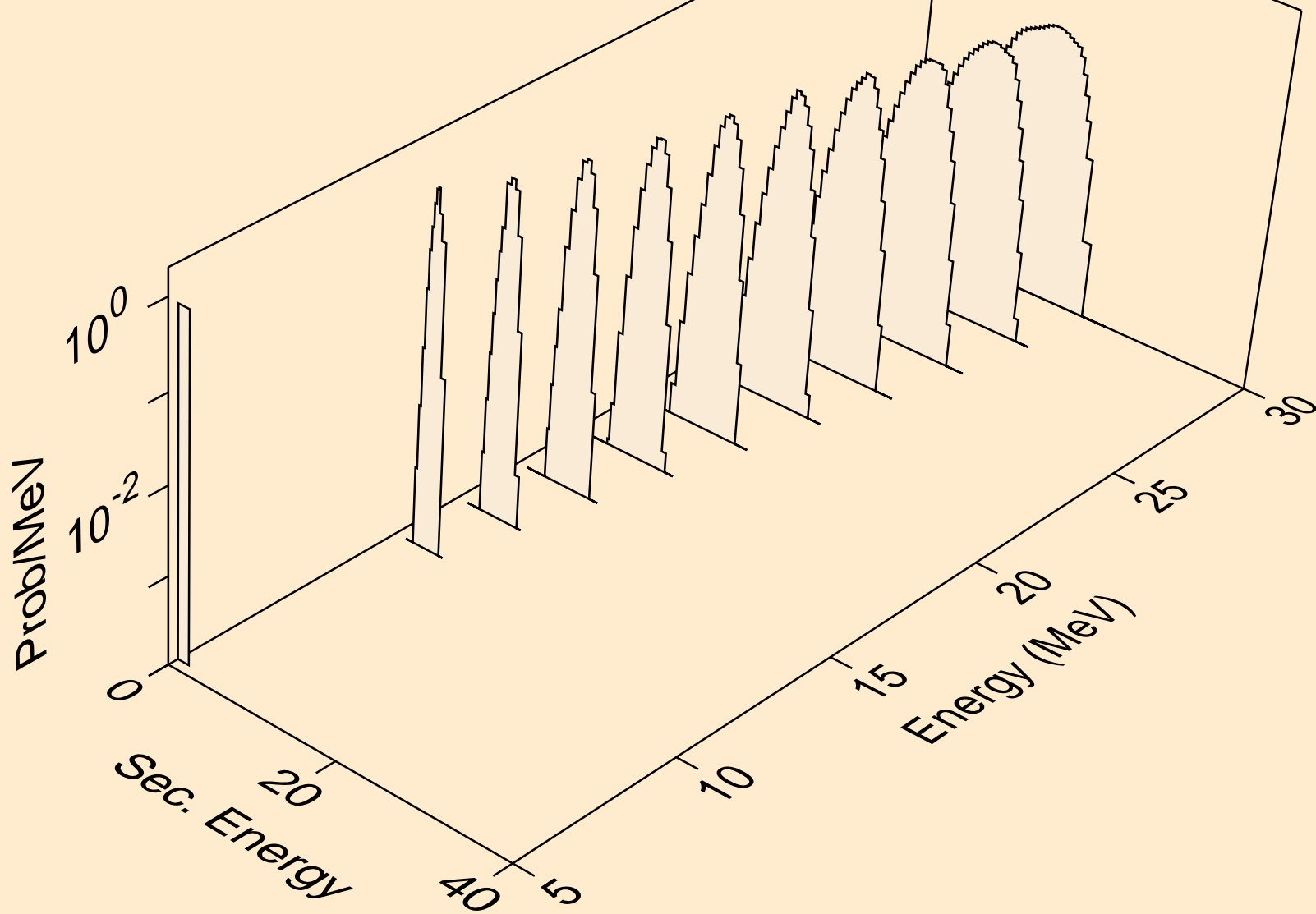
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,n*)d



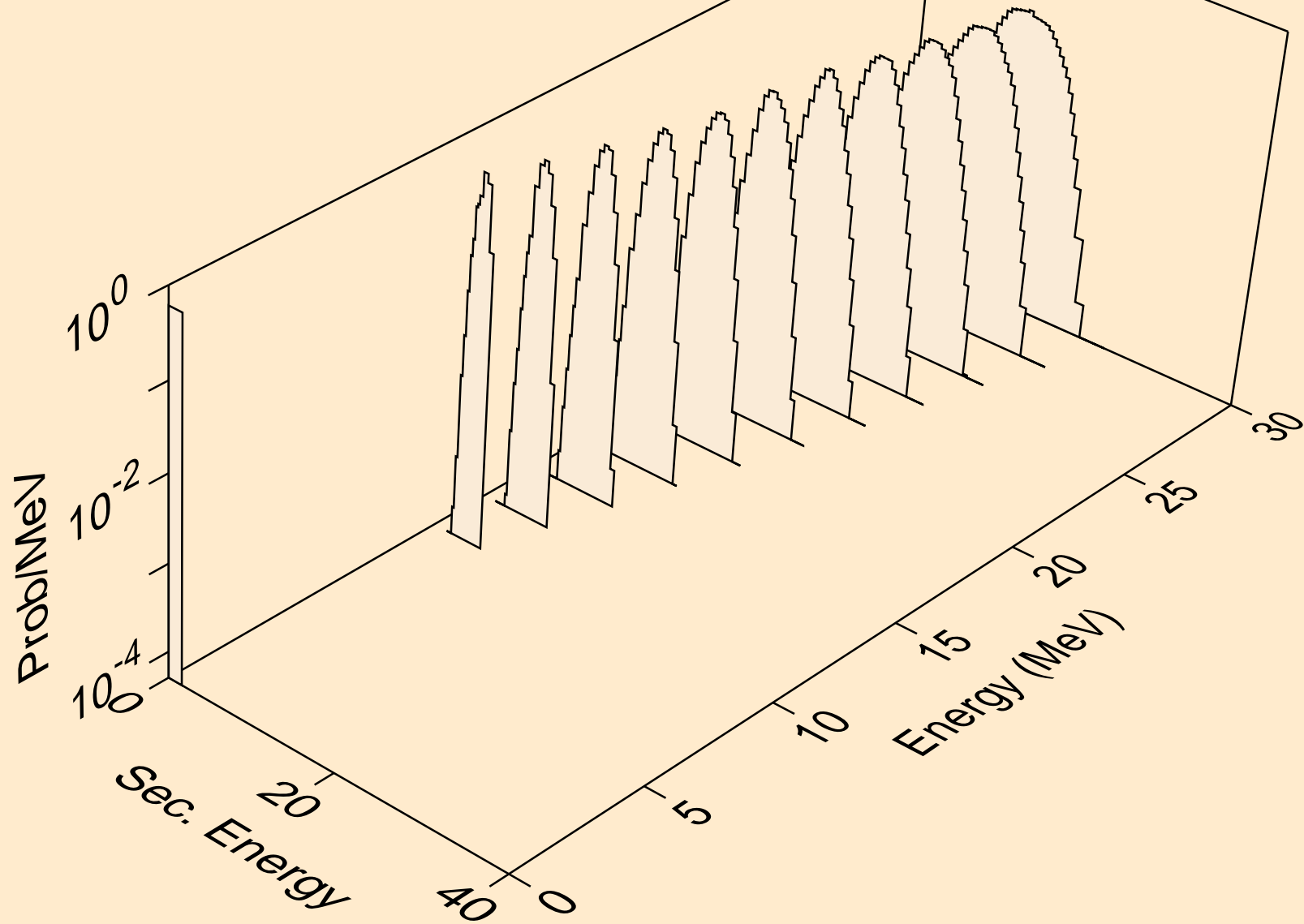
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,d)



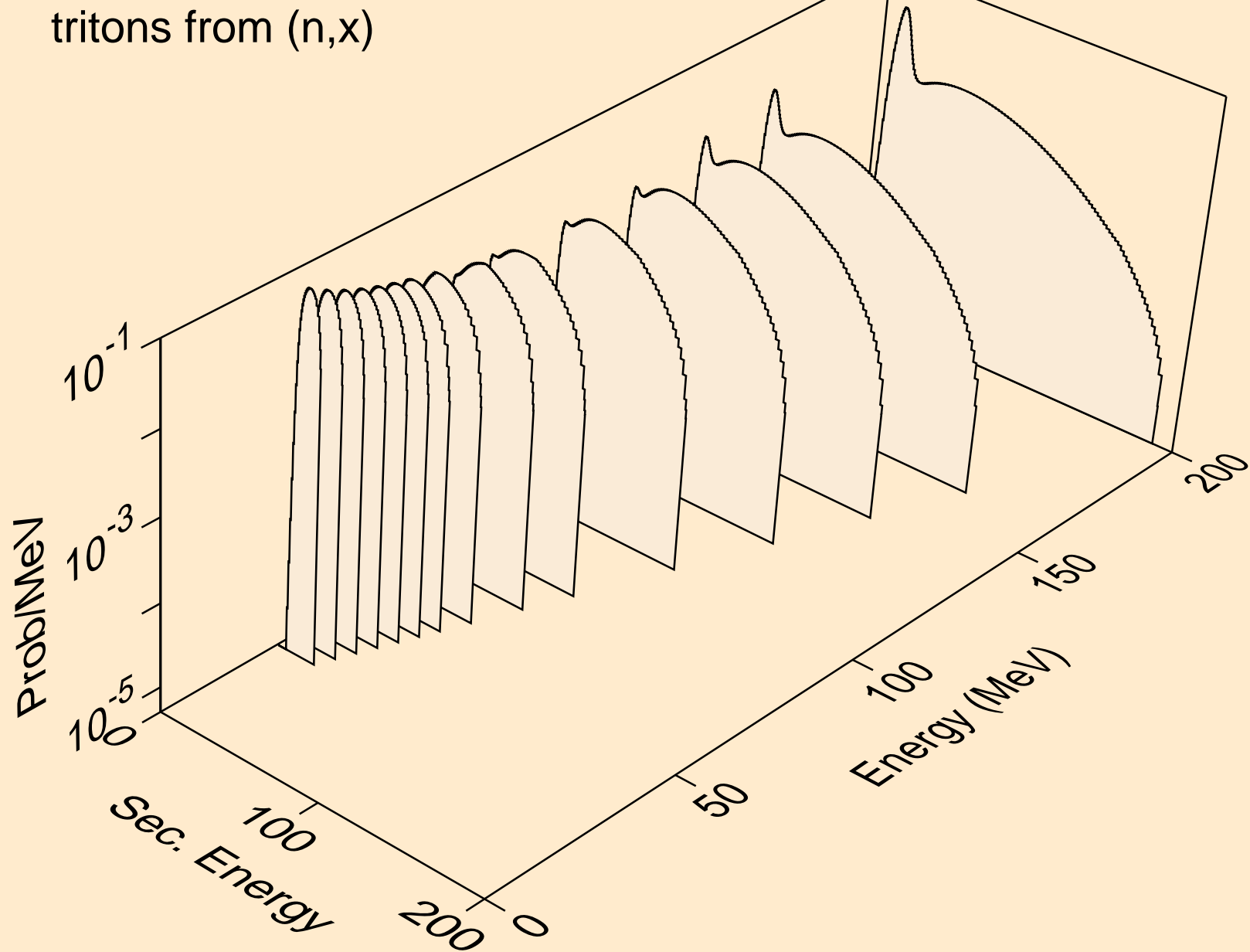
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,pd)



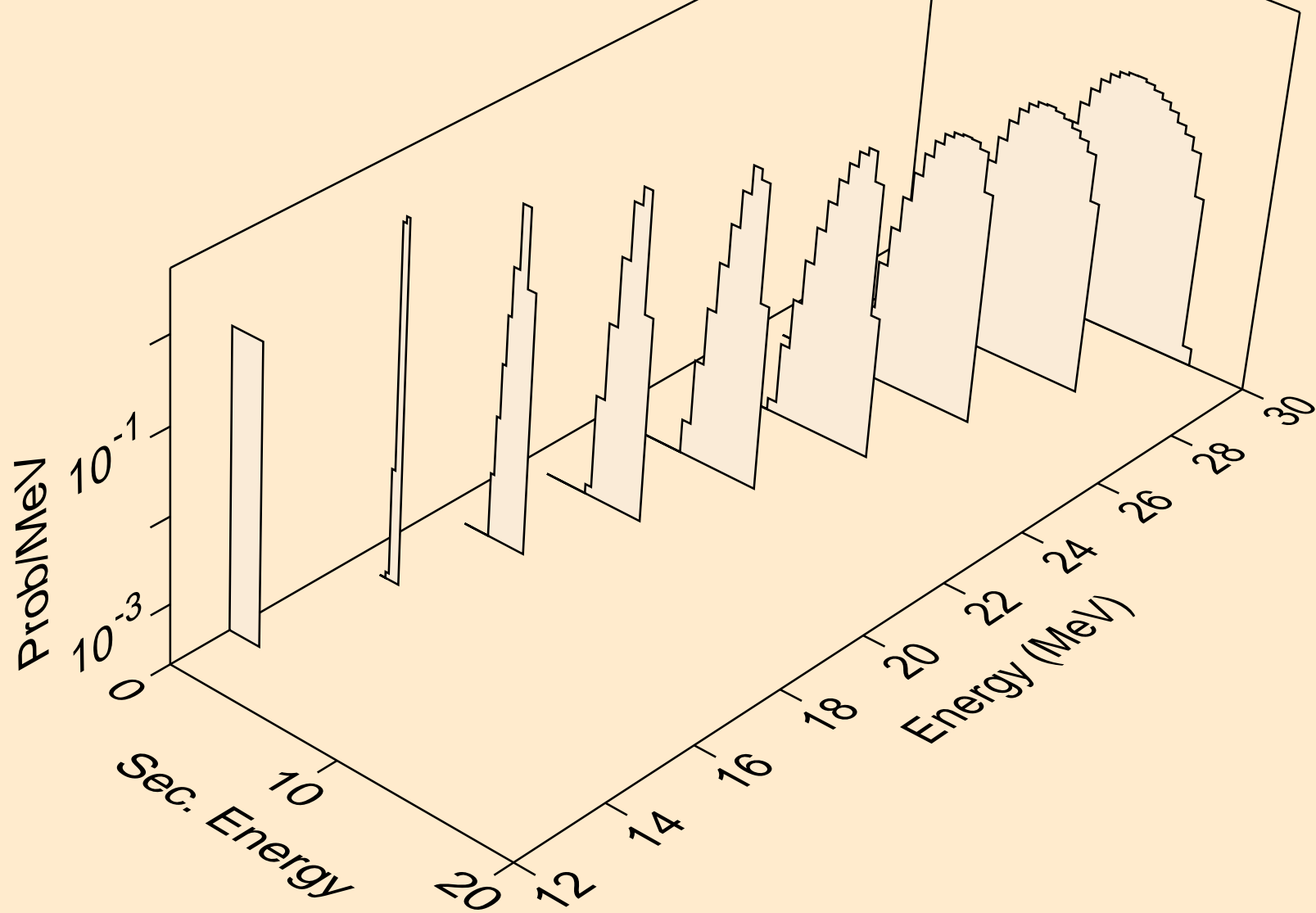
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,da)



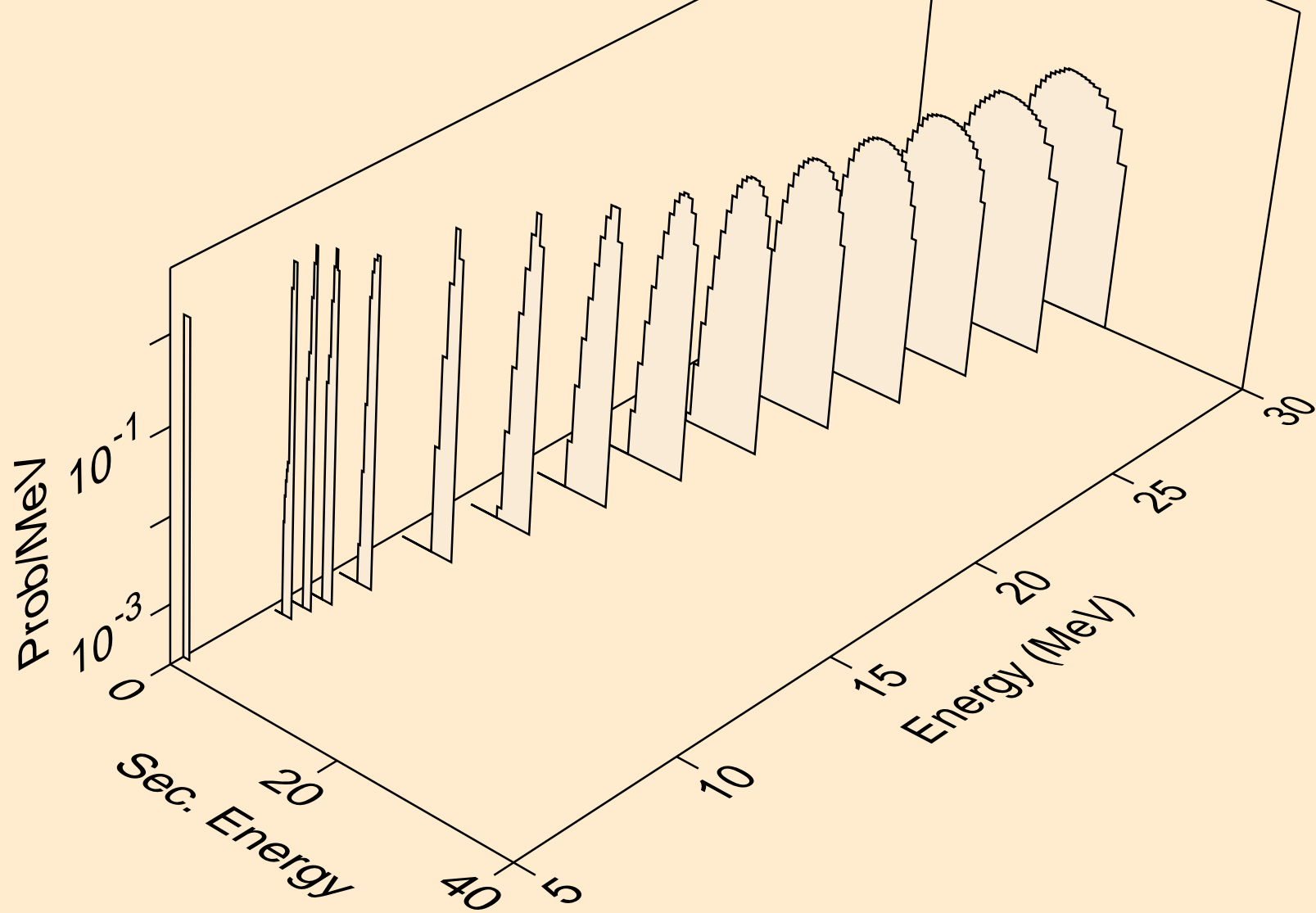
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,x)



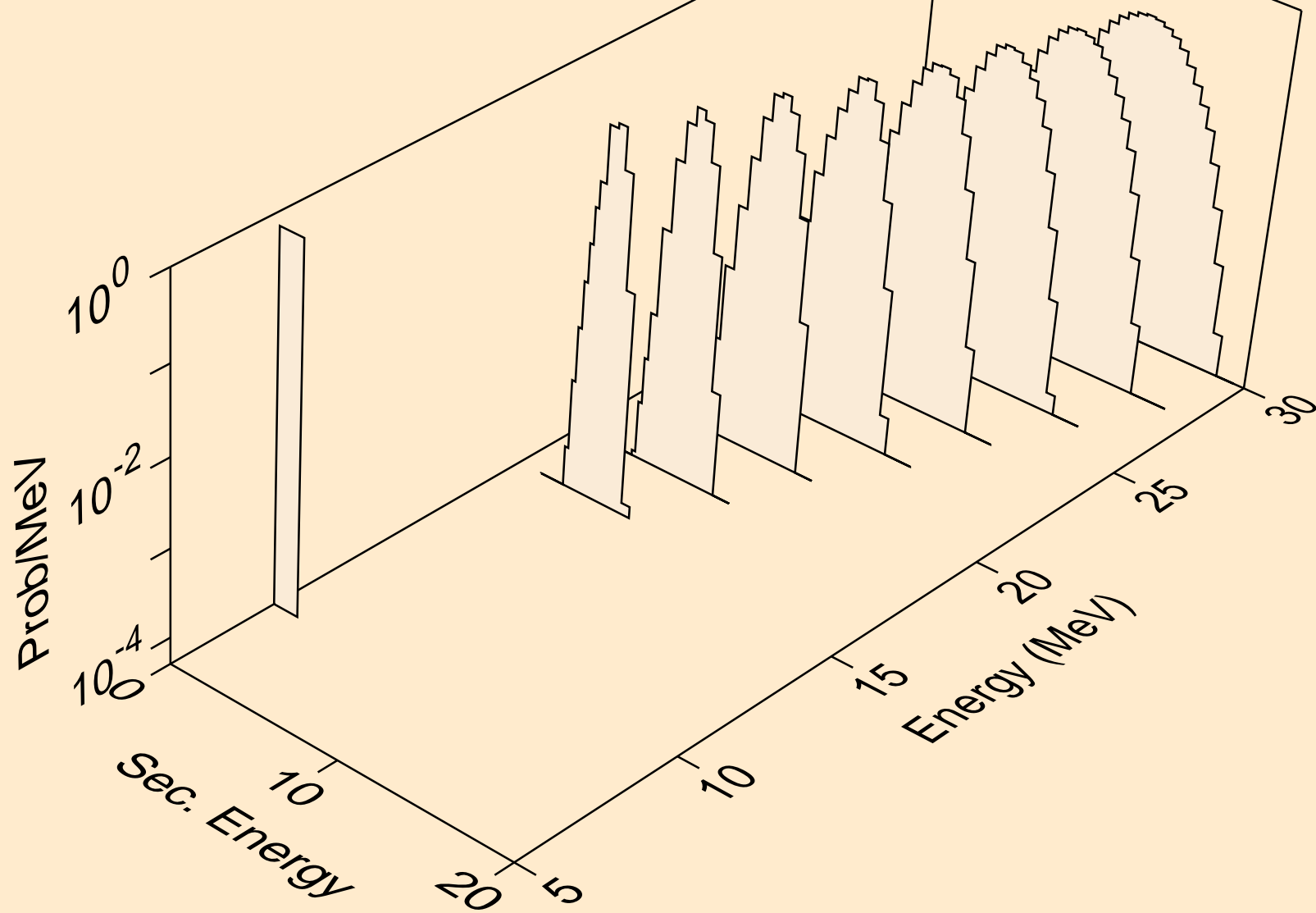
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,n*)t



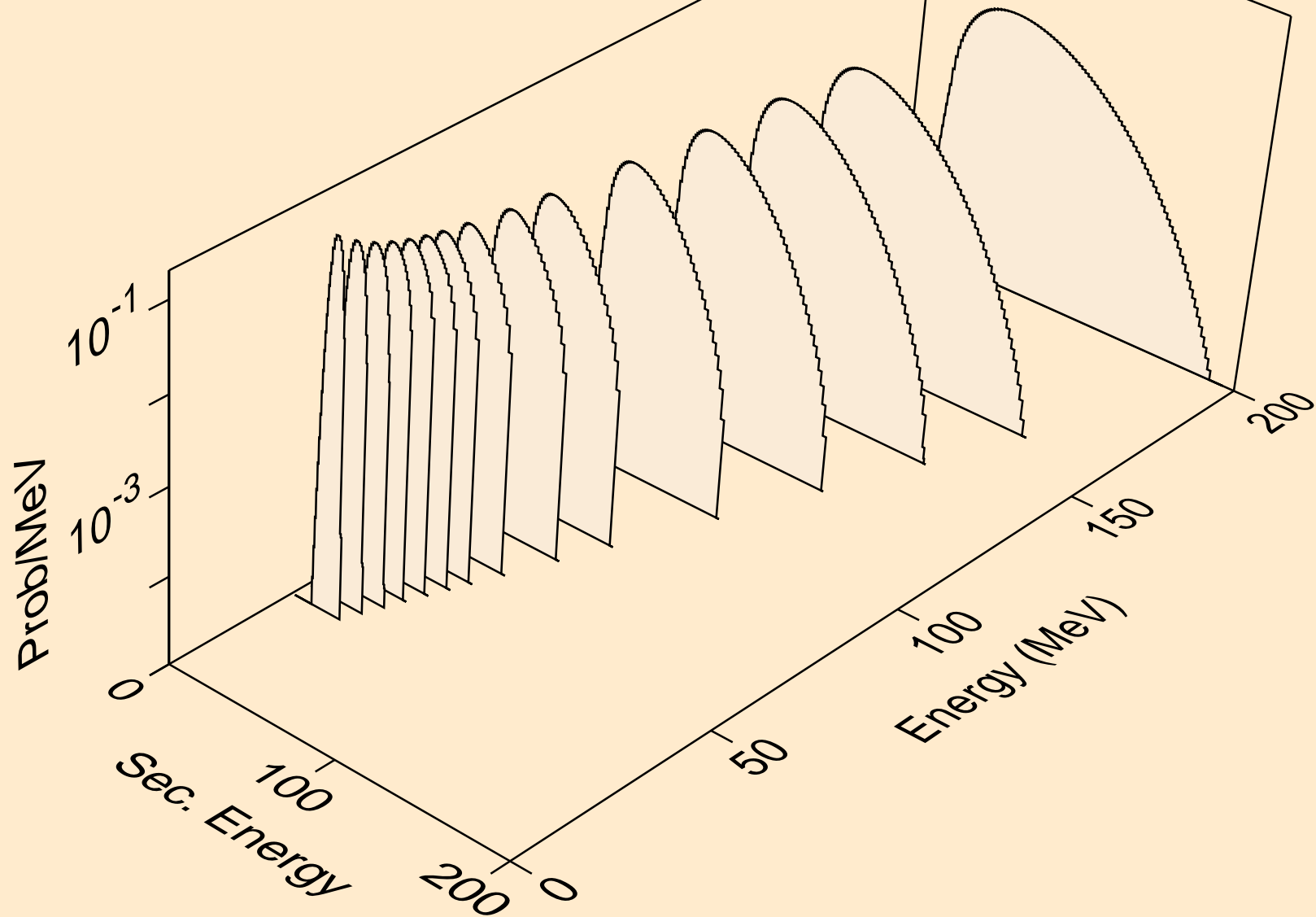
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,t)



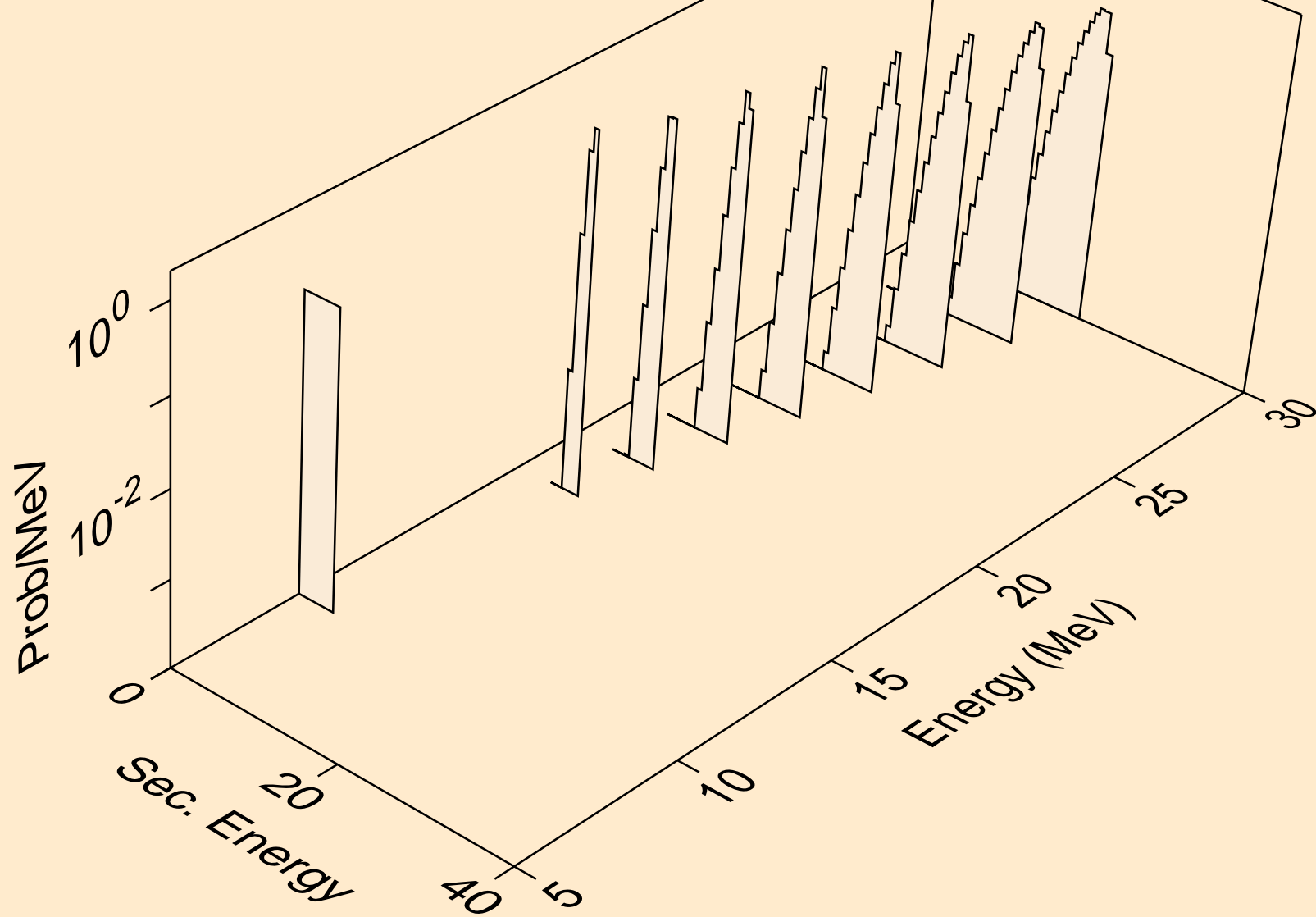
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,pt)



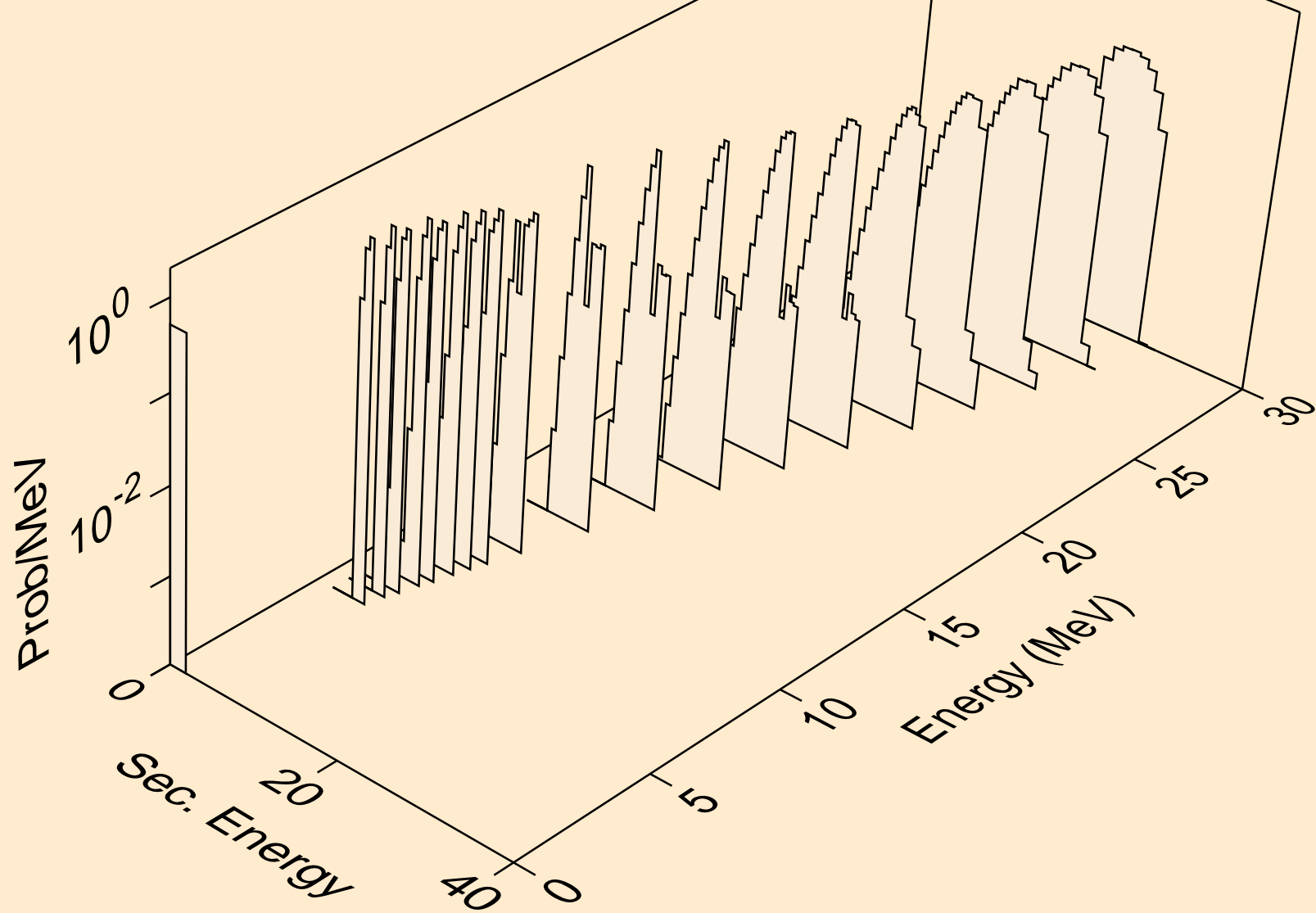
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,x)



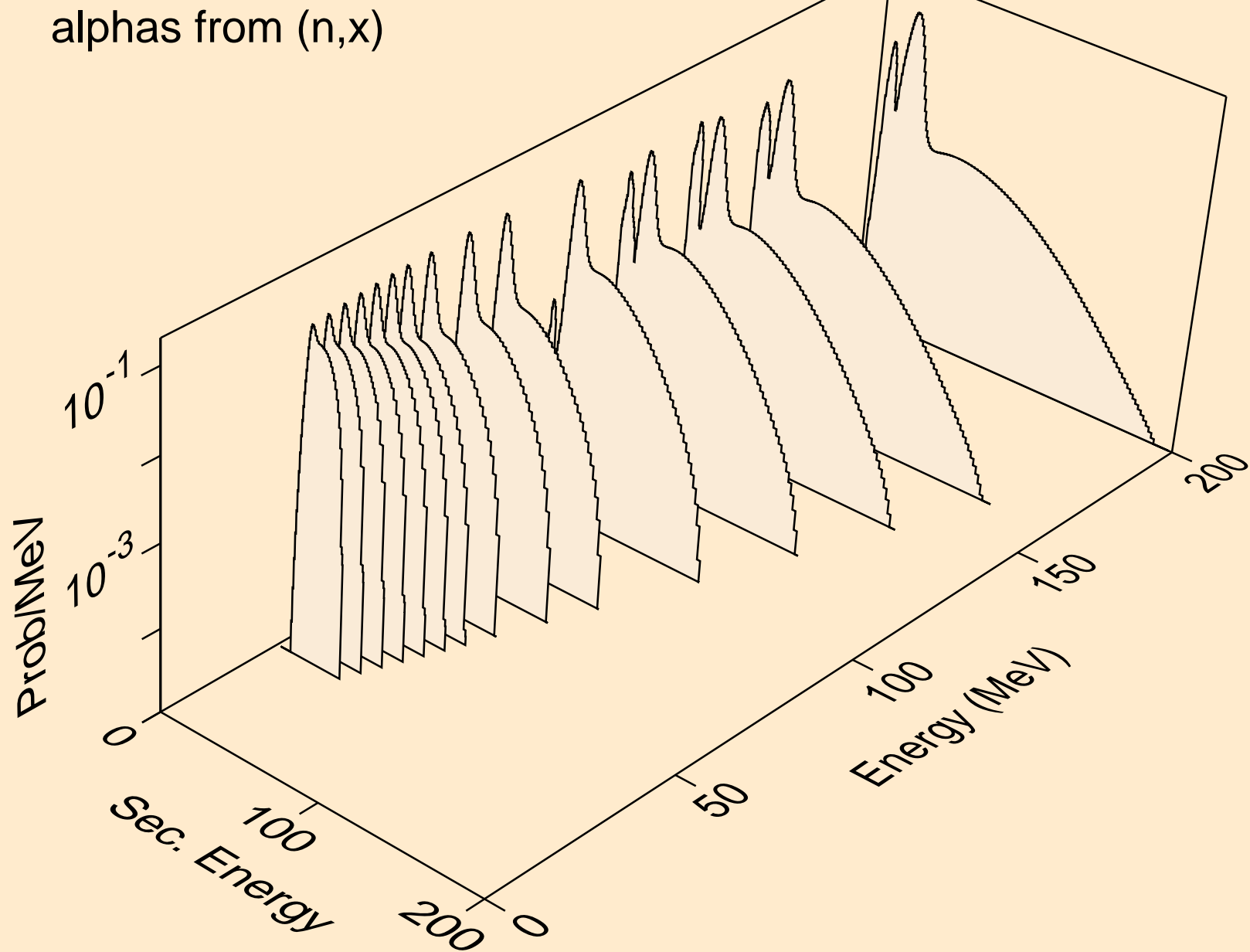
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,n*)he3



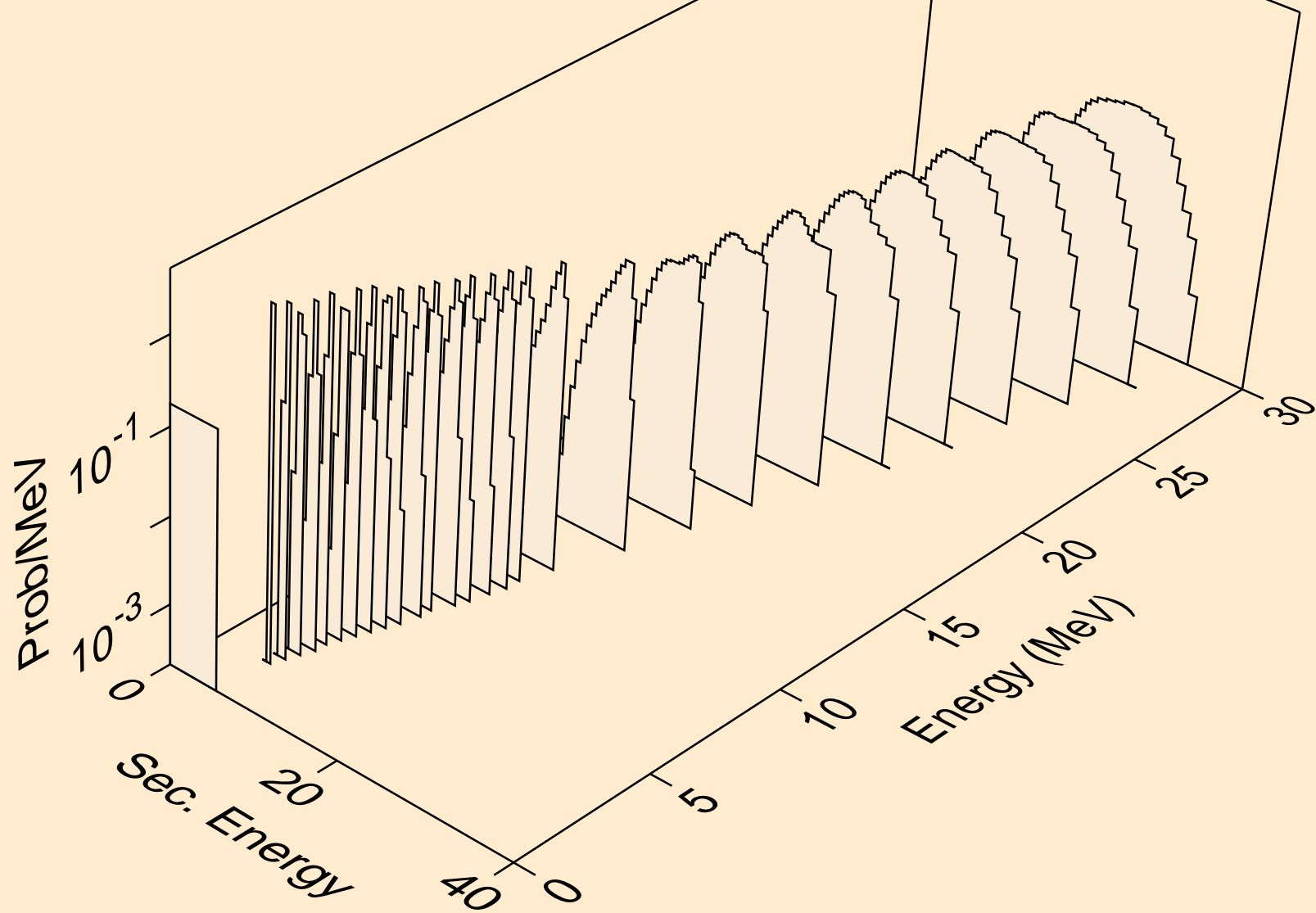
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,he3)



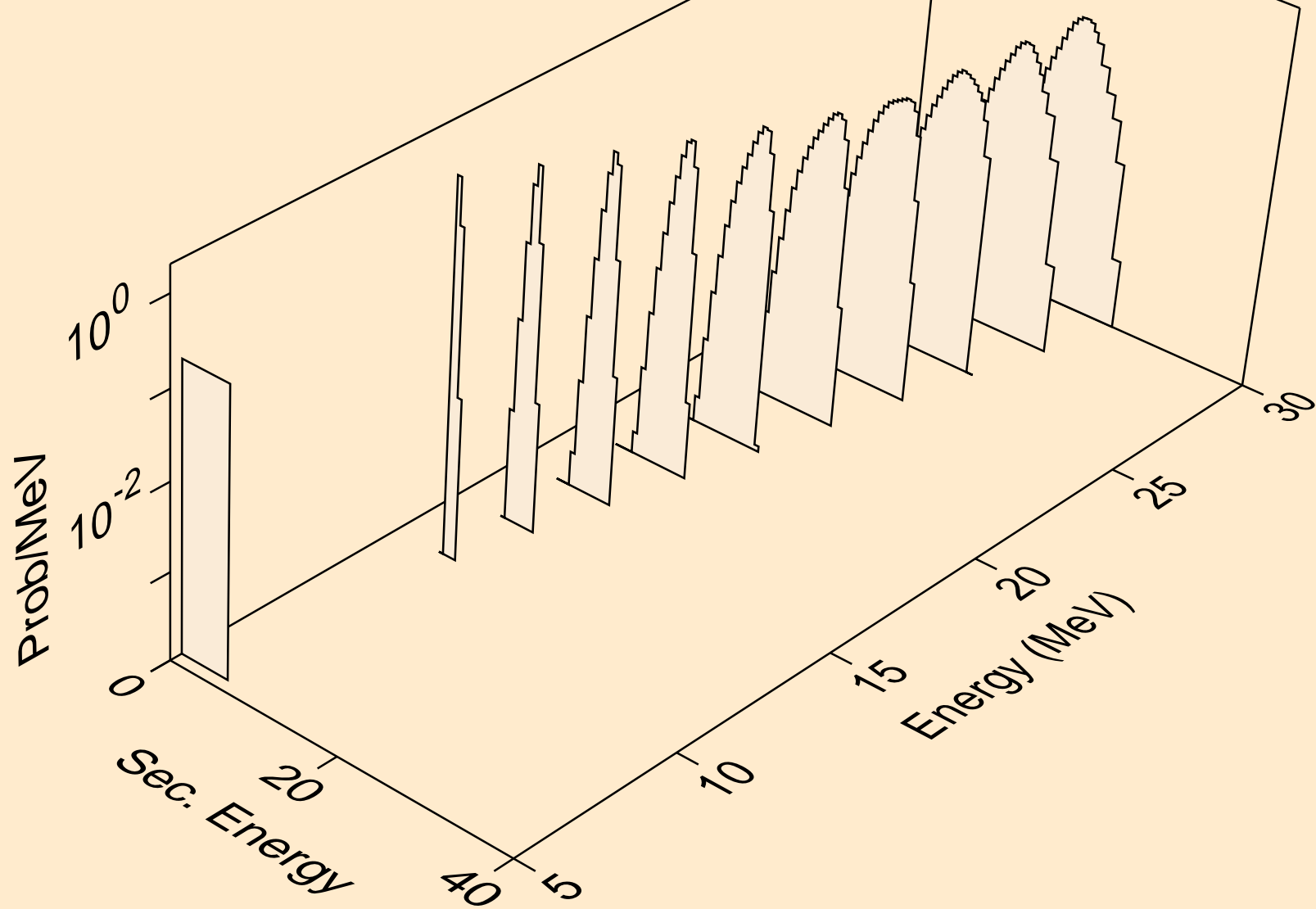
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,x)



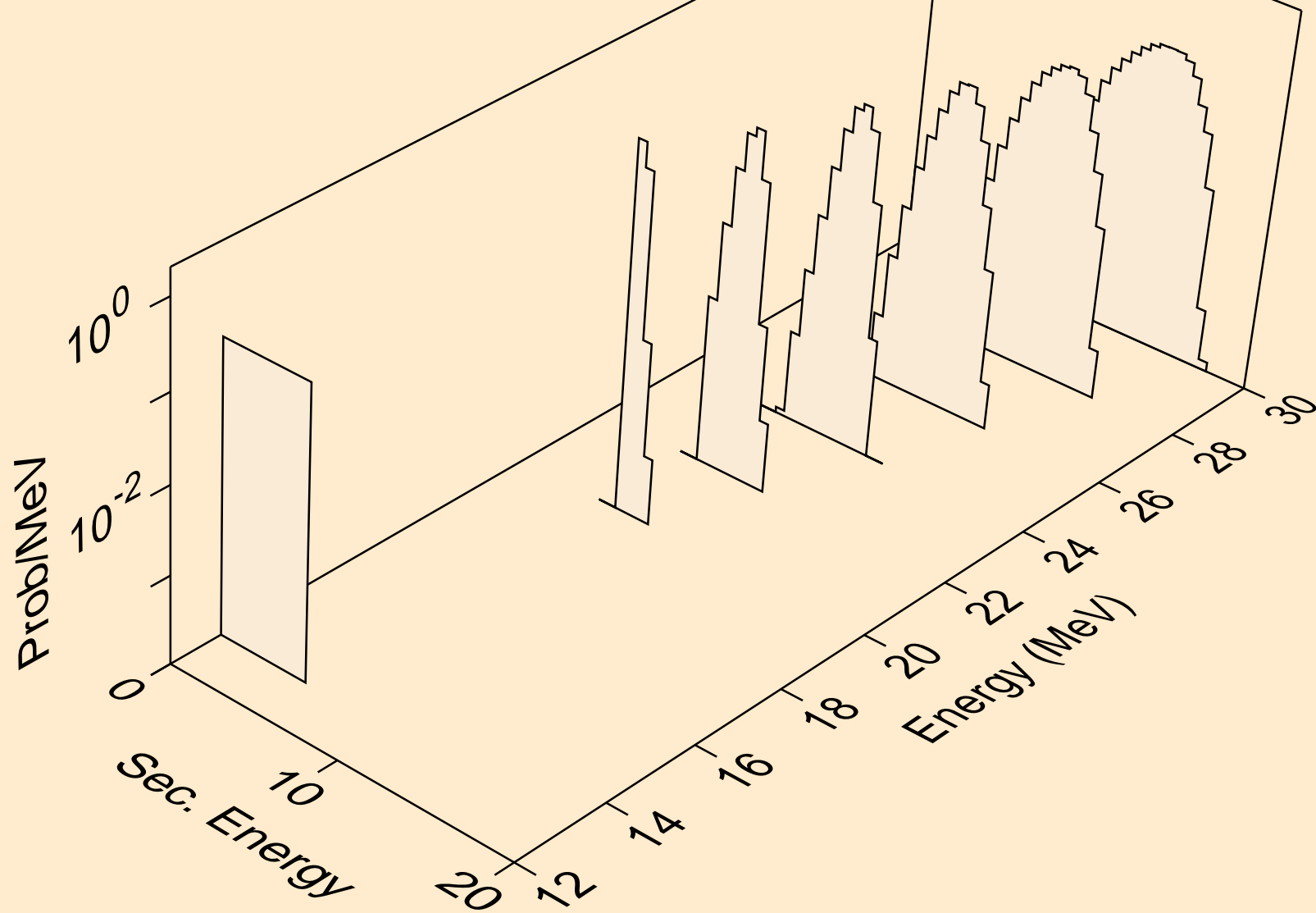
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)a



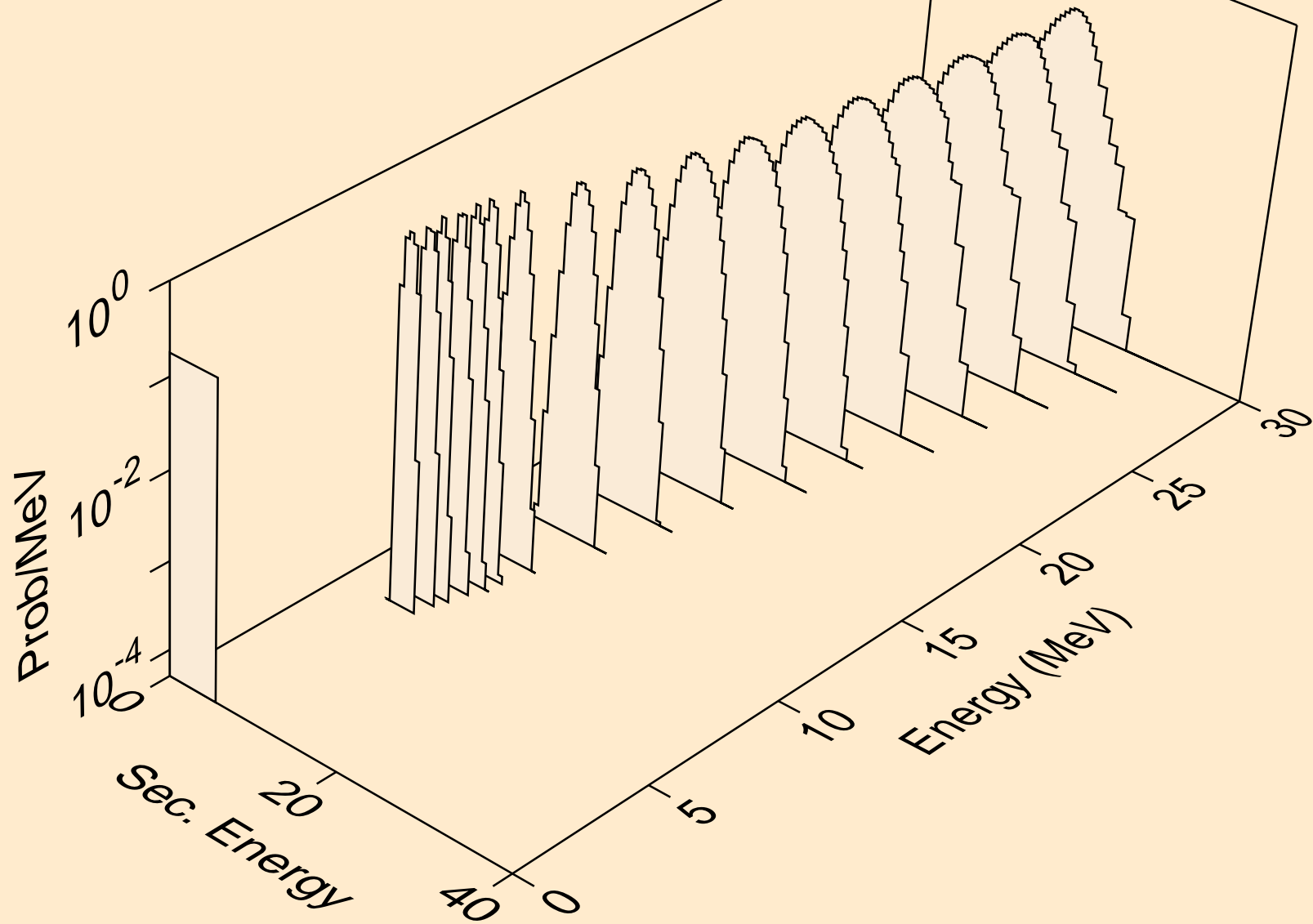
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)a



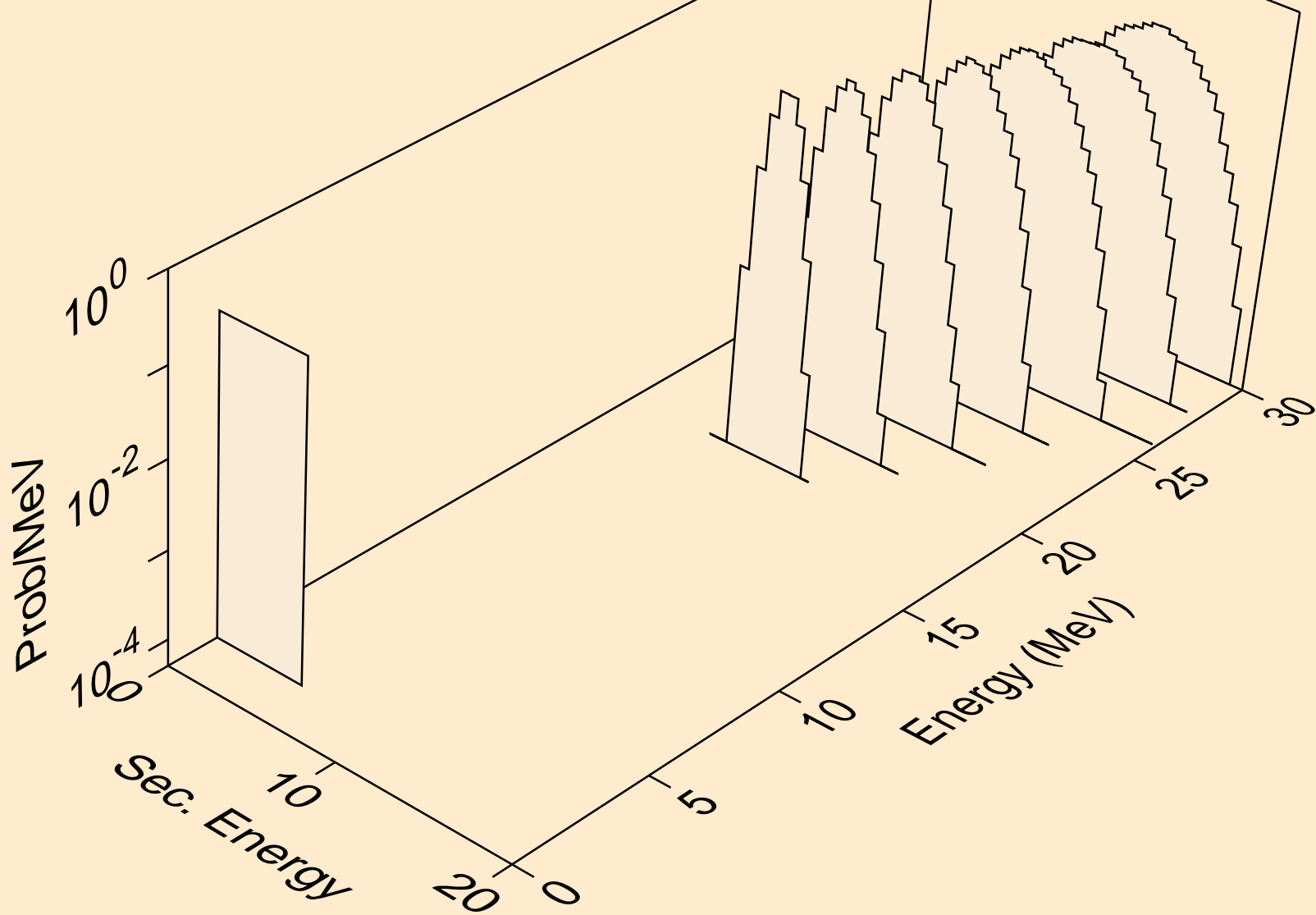
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3n)a



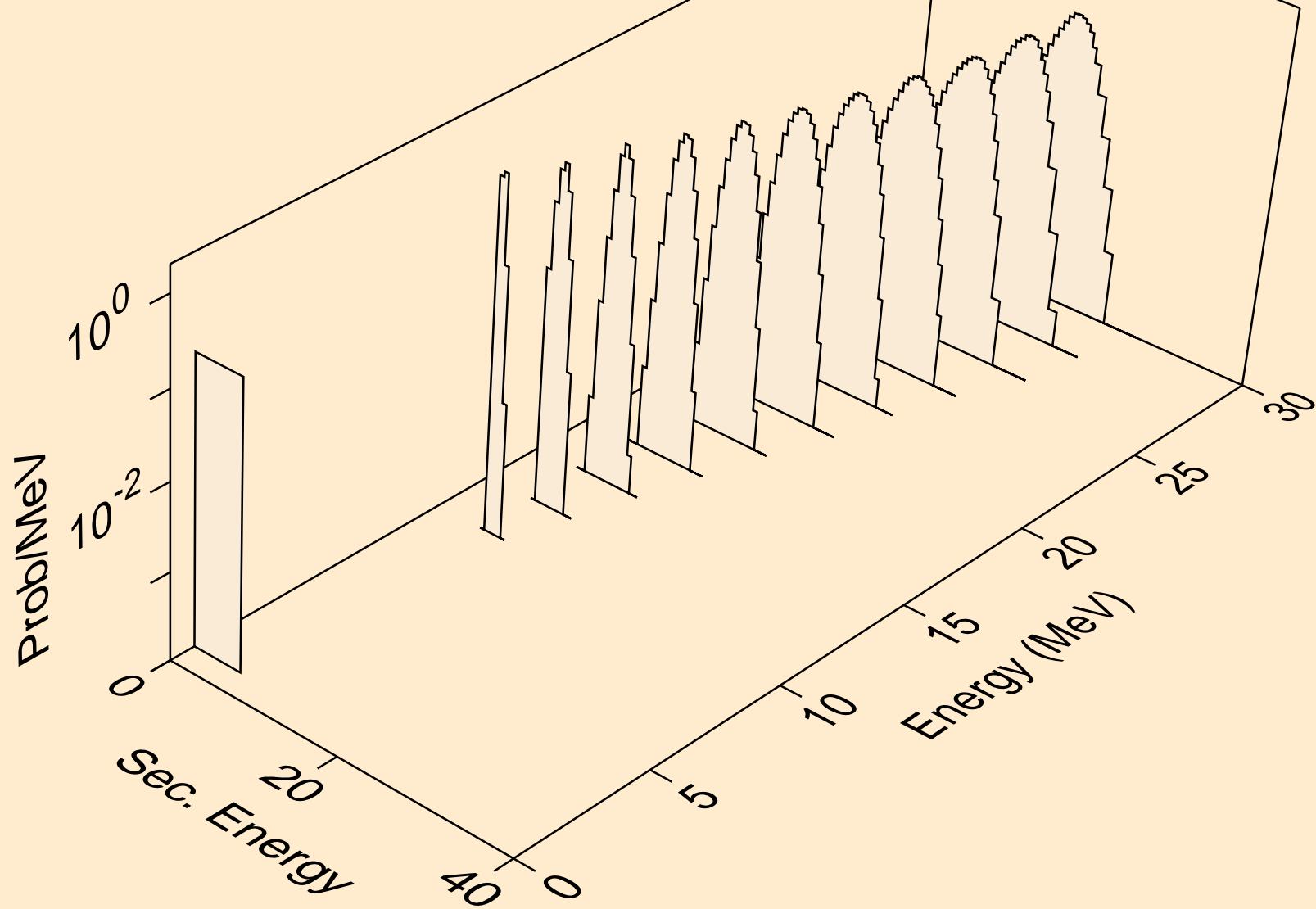
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)2a



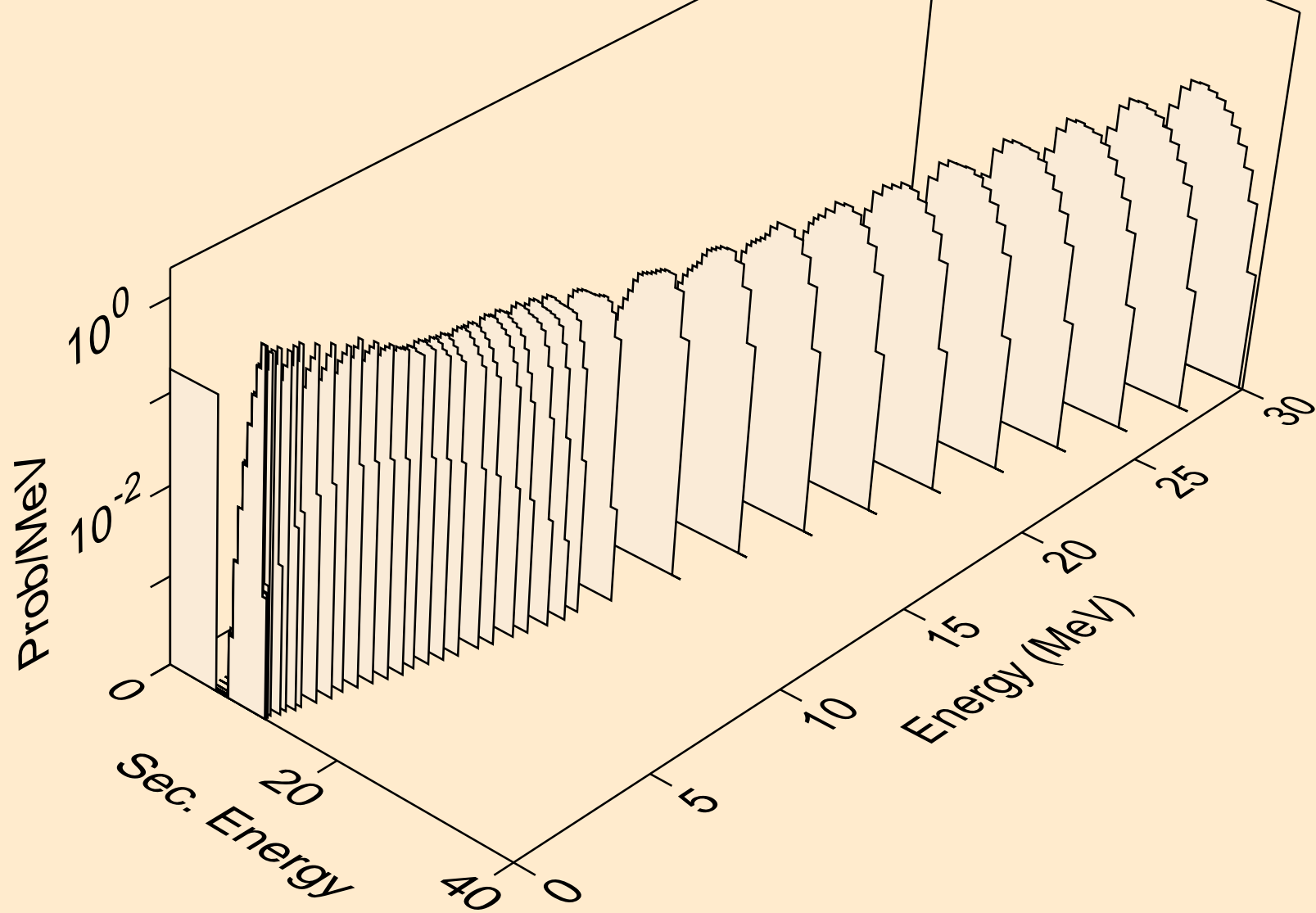
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)2a



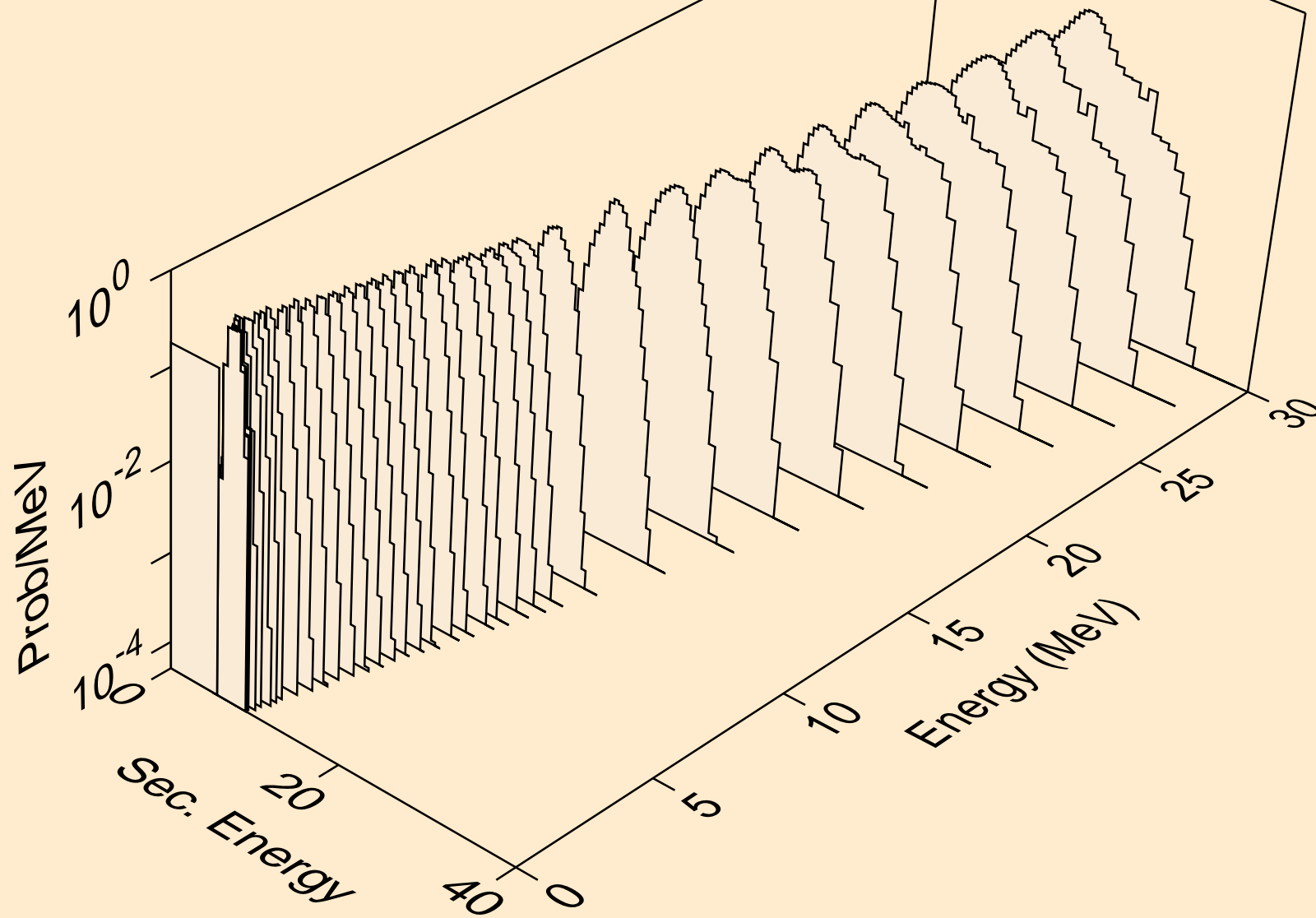
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,npa)



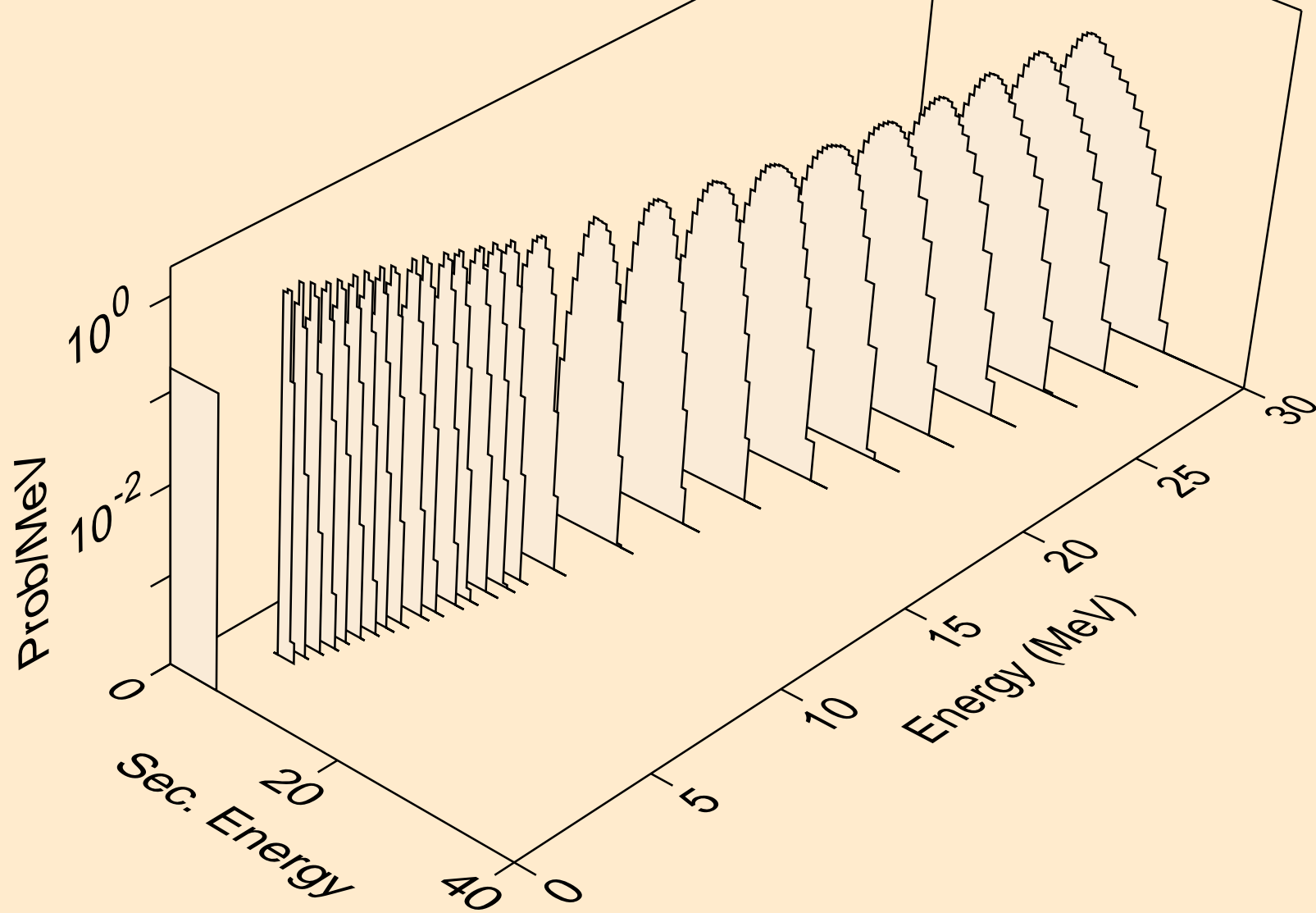
OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,a)



OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2a)



OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,pa)



OS178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,da)

