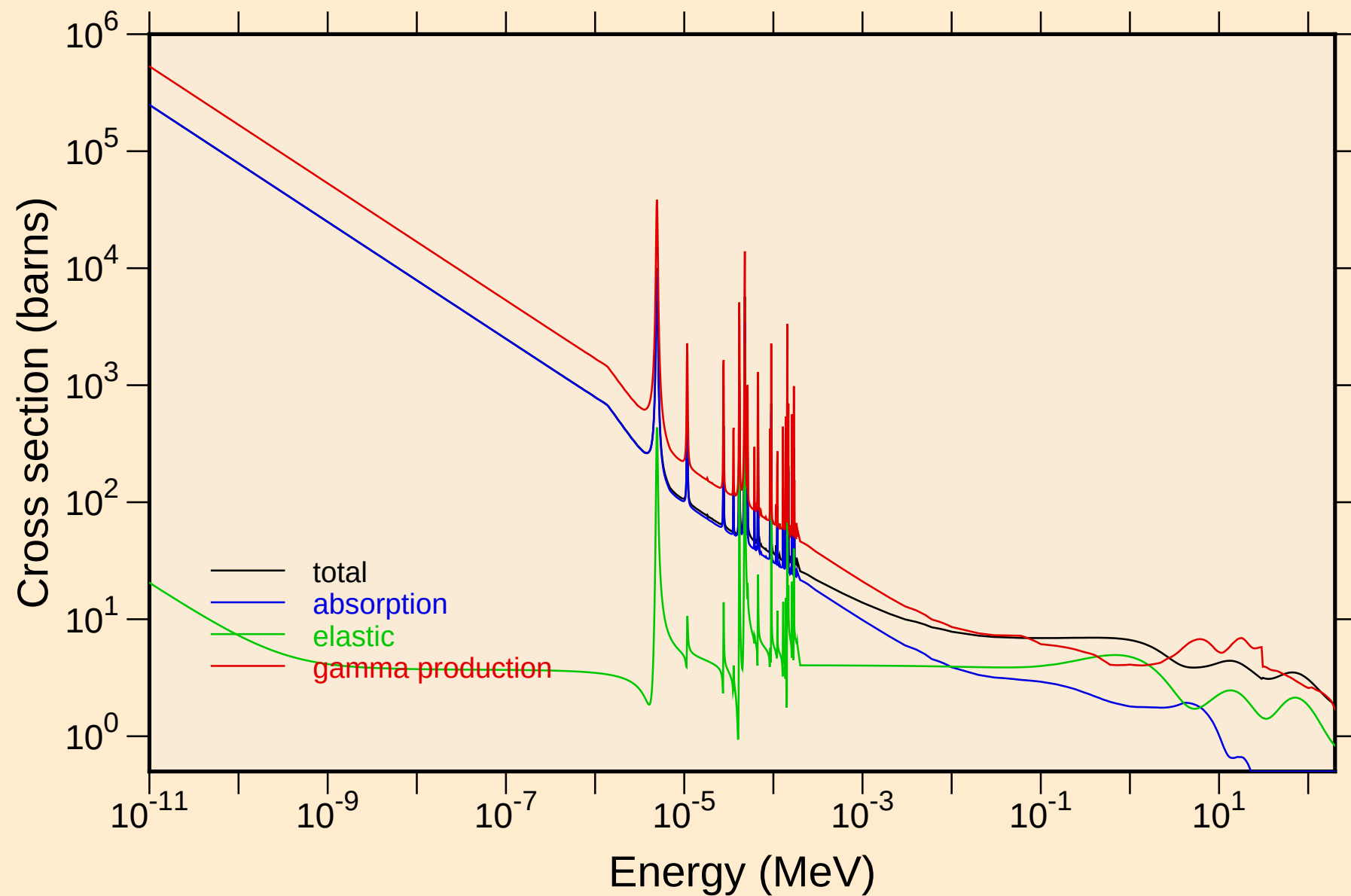
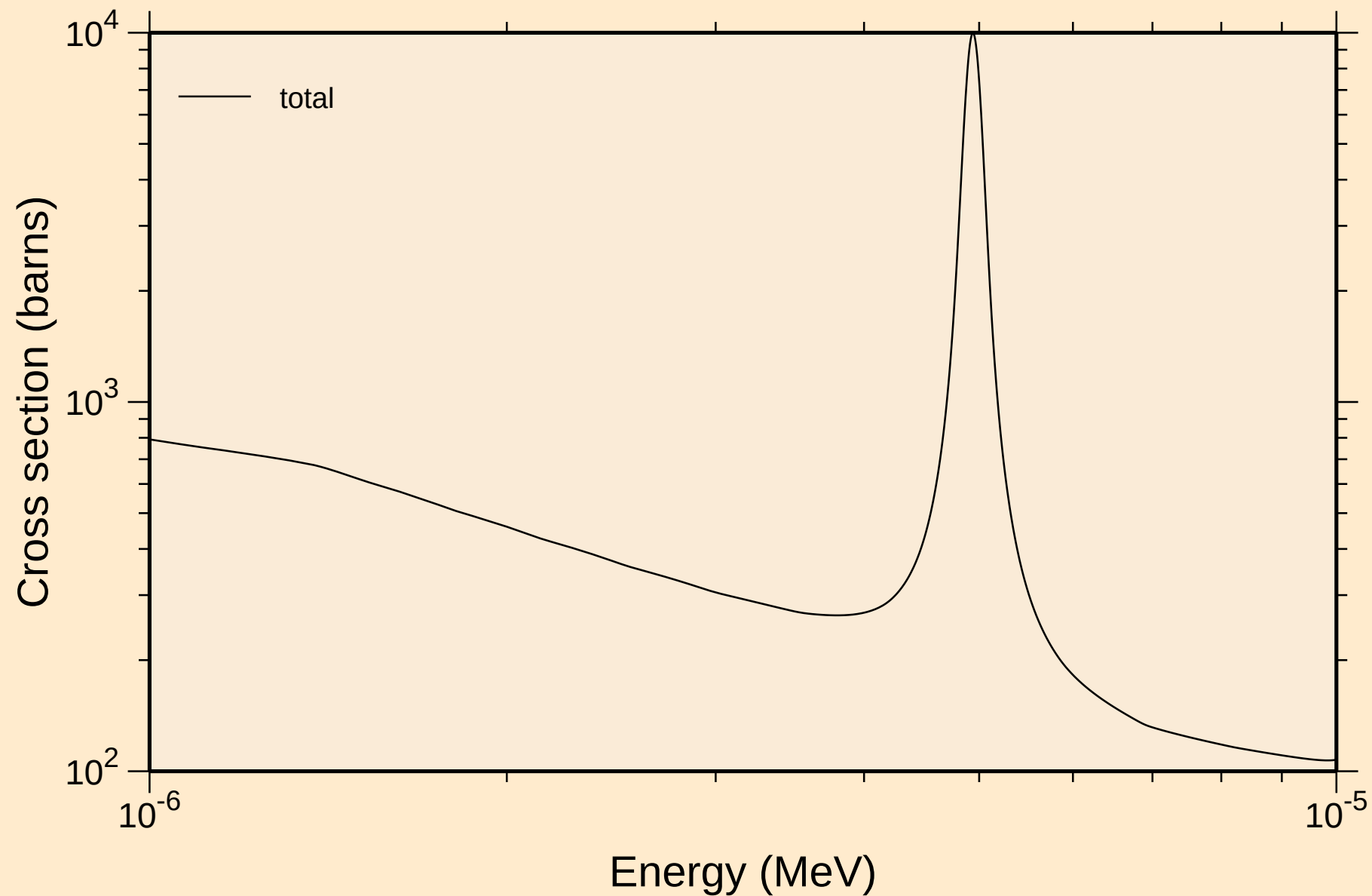


SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

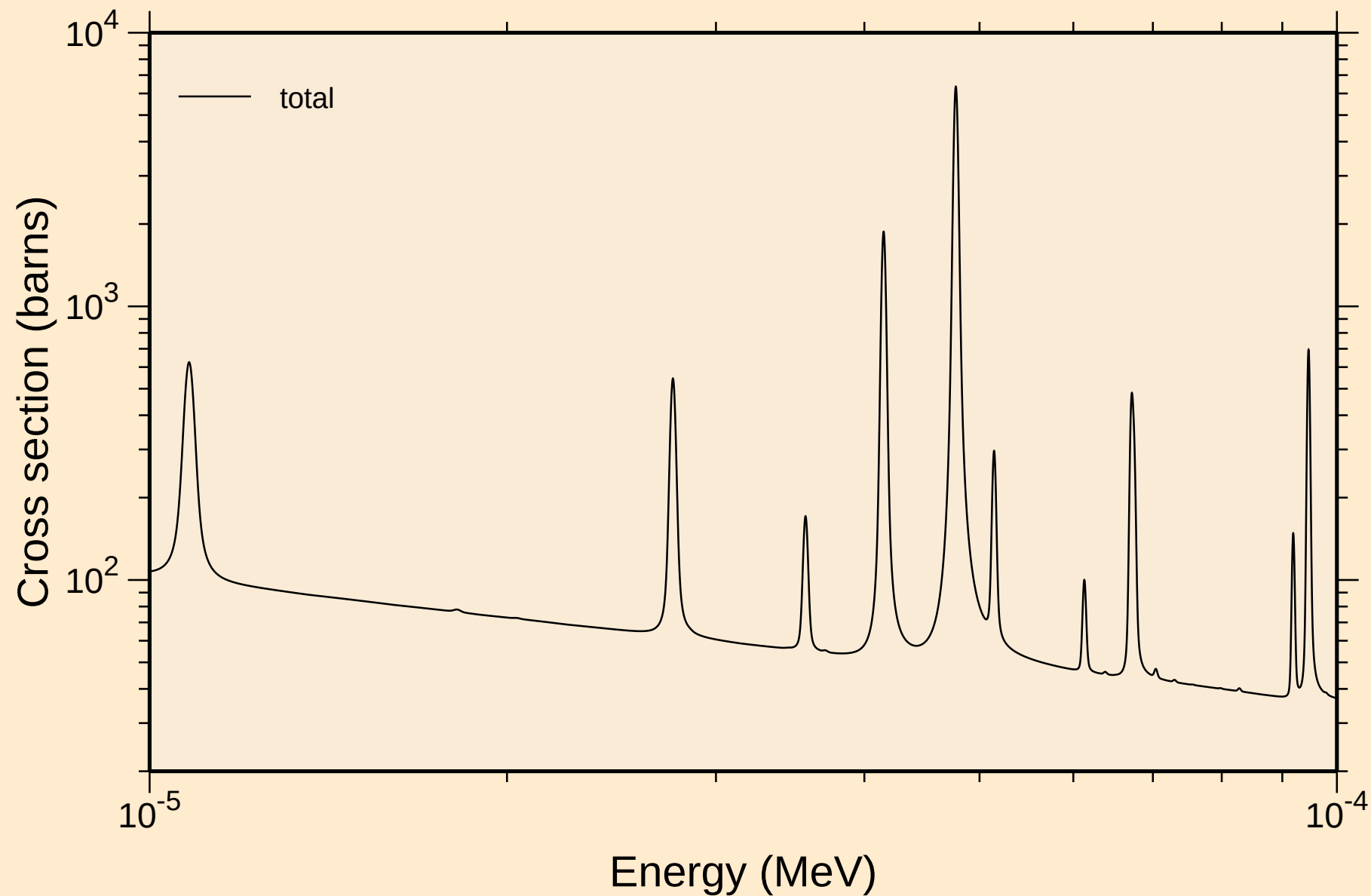
Principal cross sections



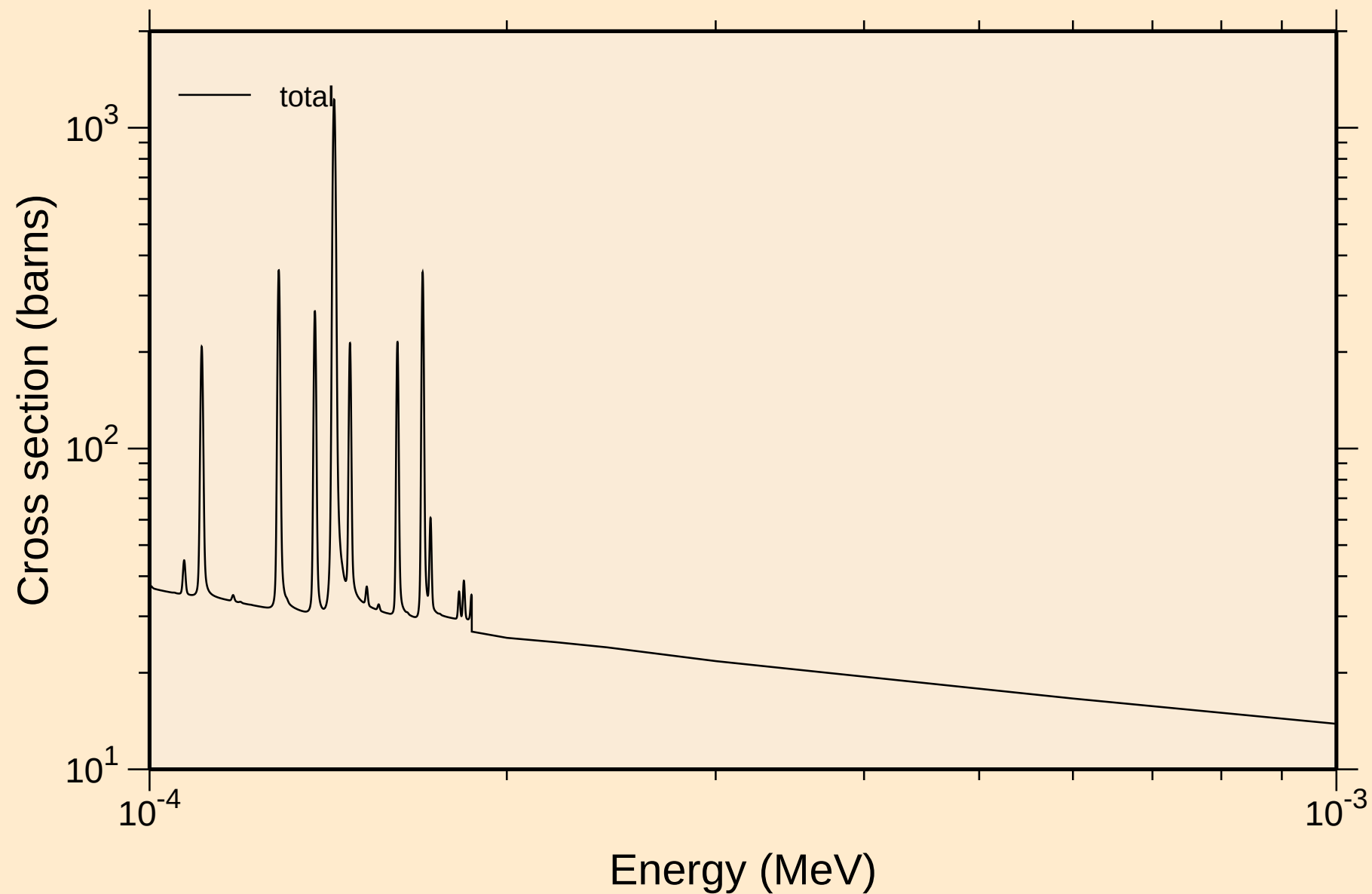
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



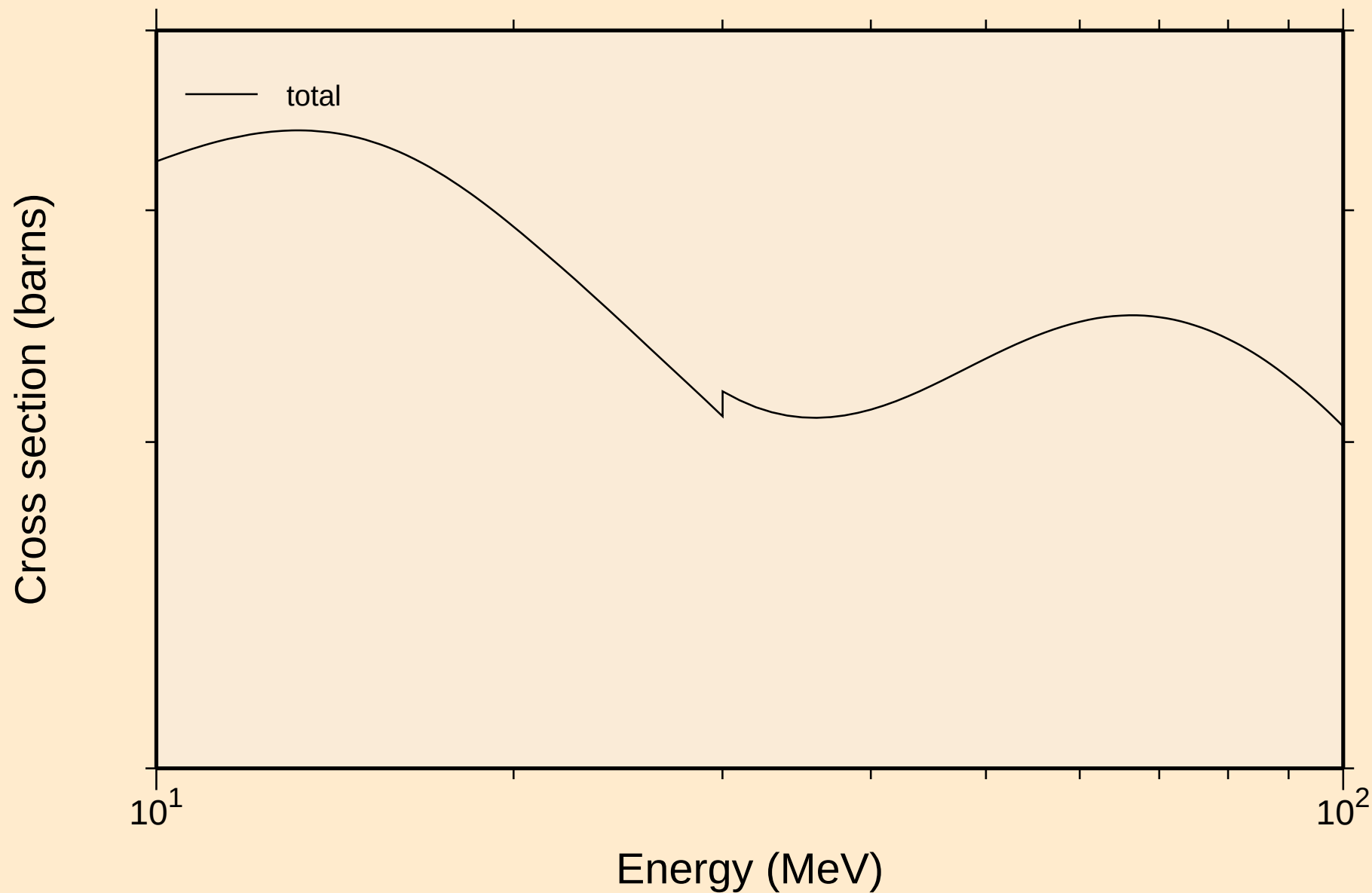
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



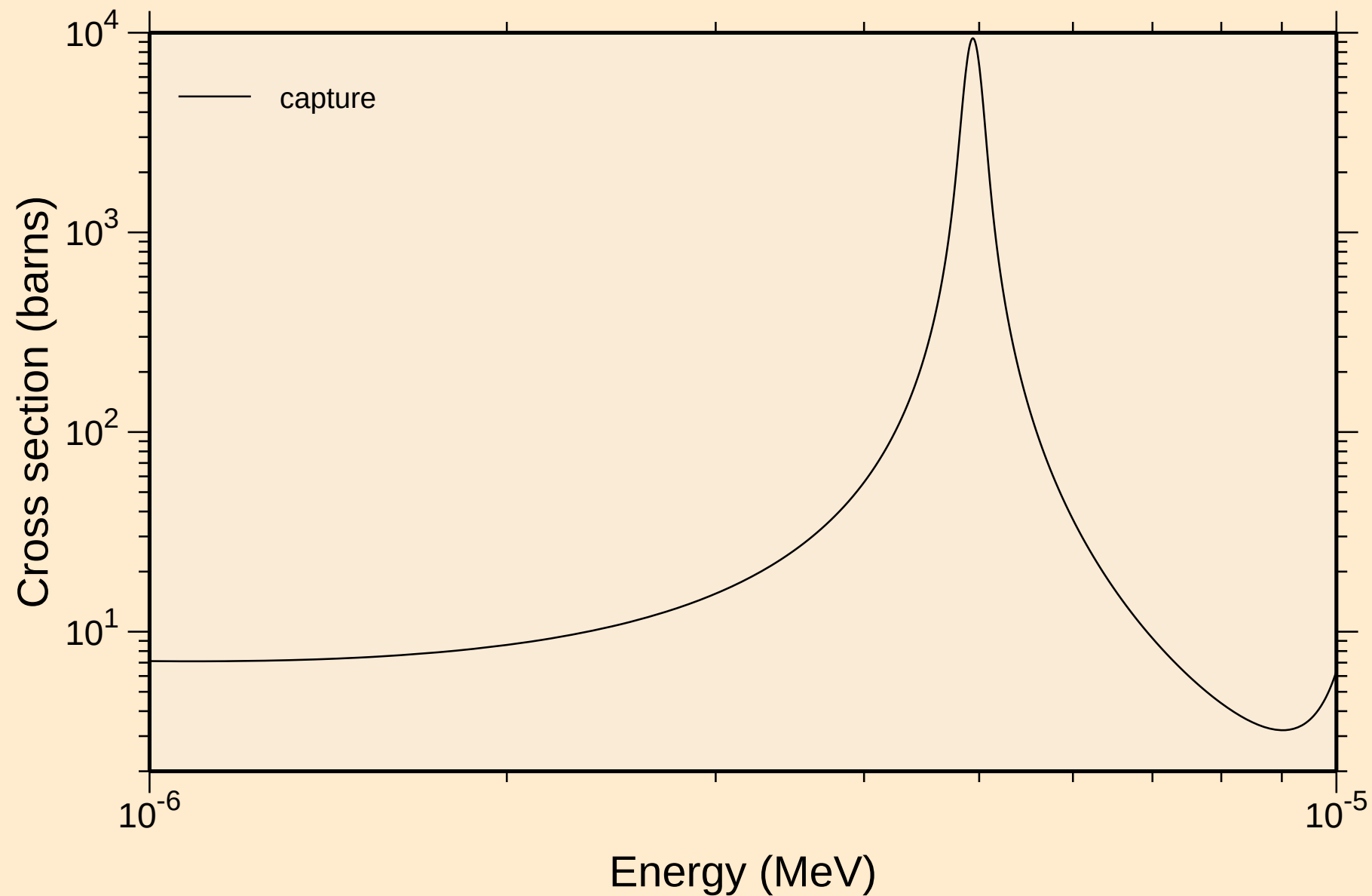
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



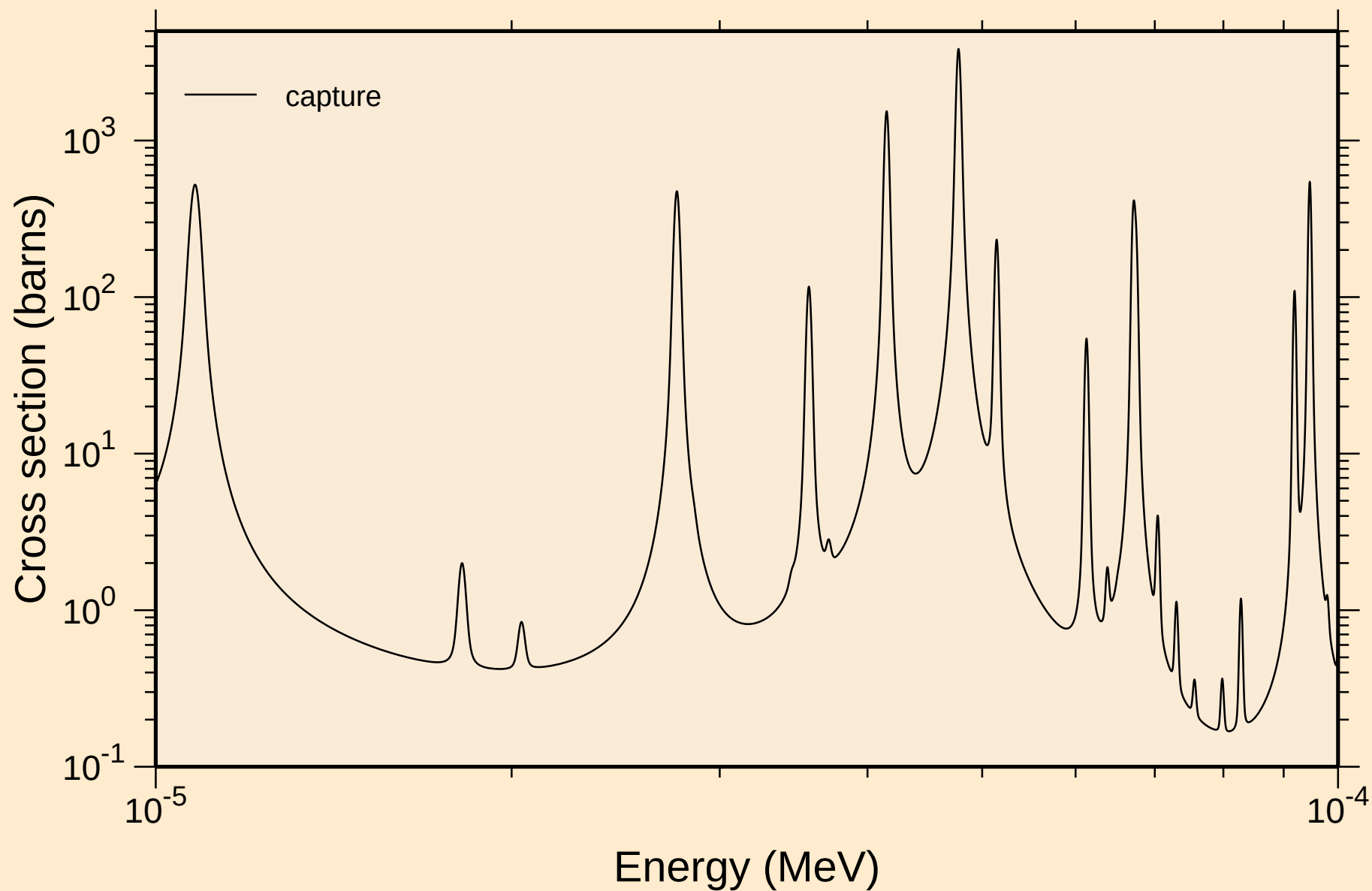
S $\bar{B}$ 109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



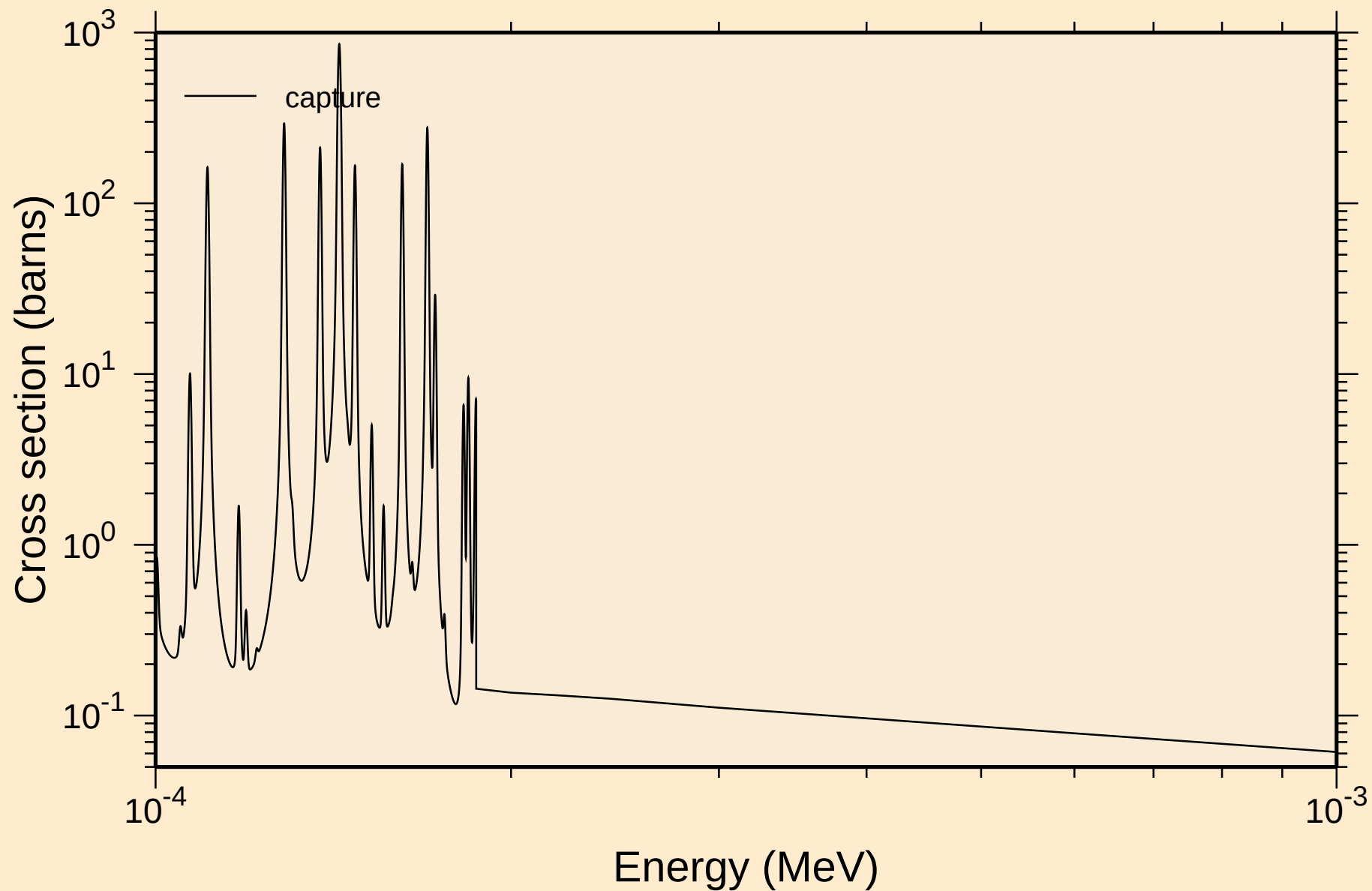
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



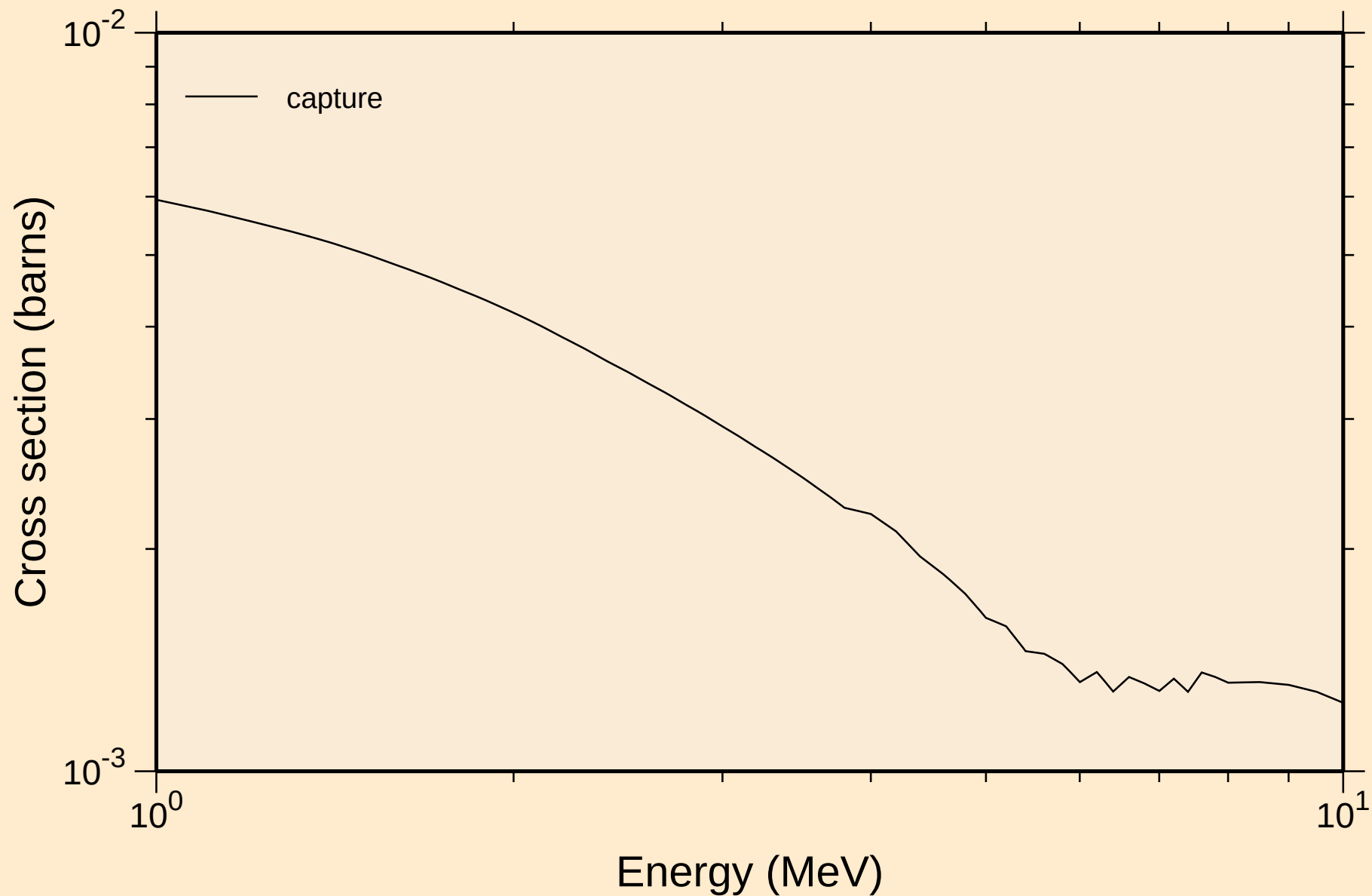
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



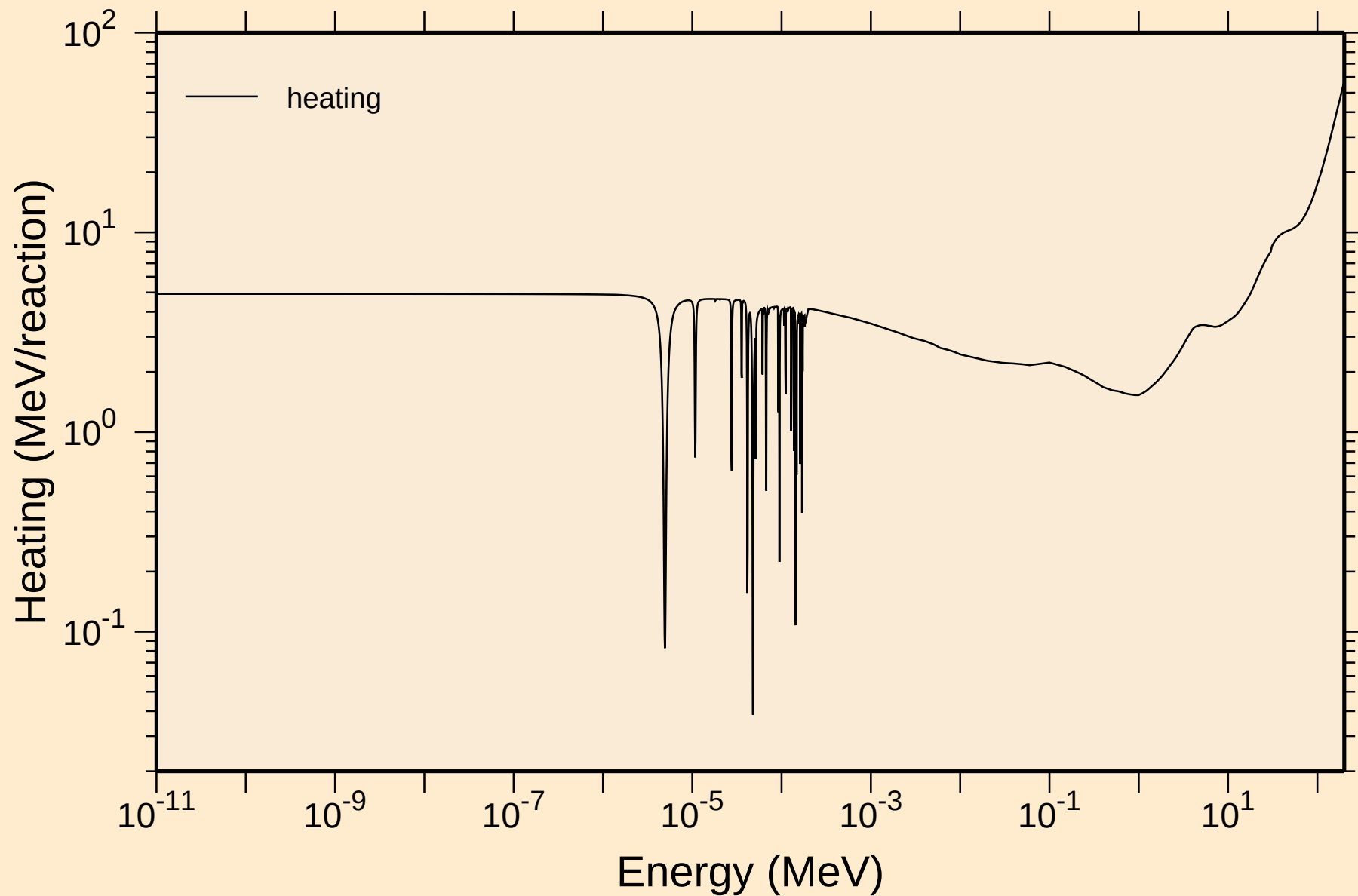
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resonance absorption cross sections



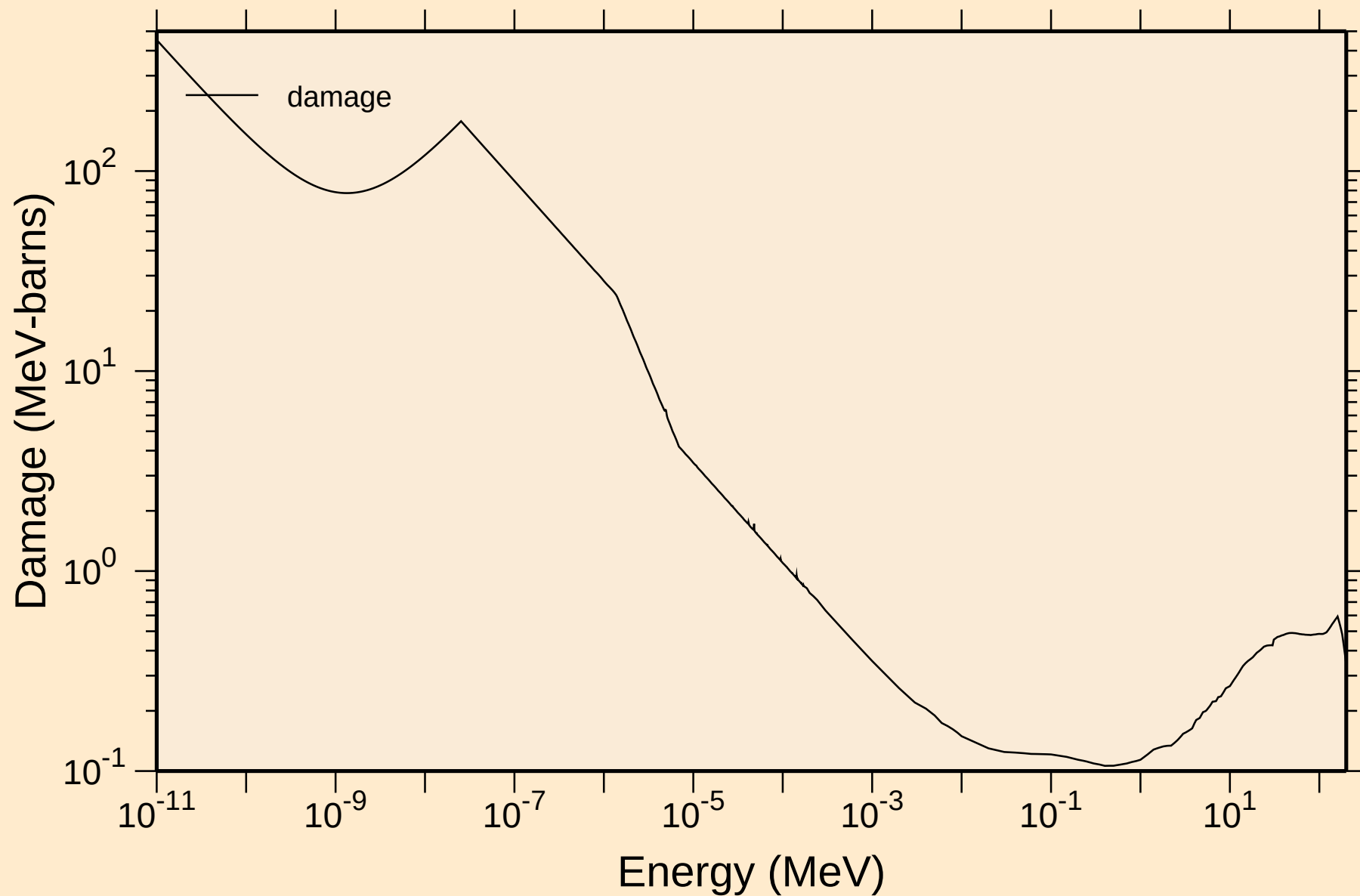
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resonance absorption cross sections



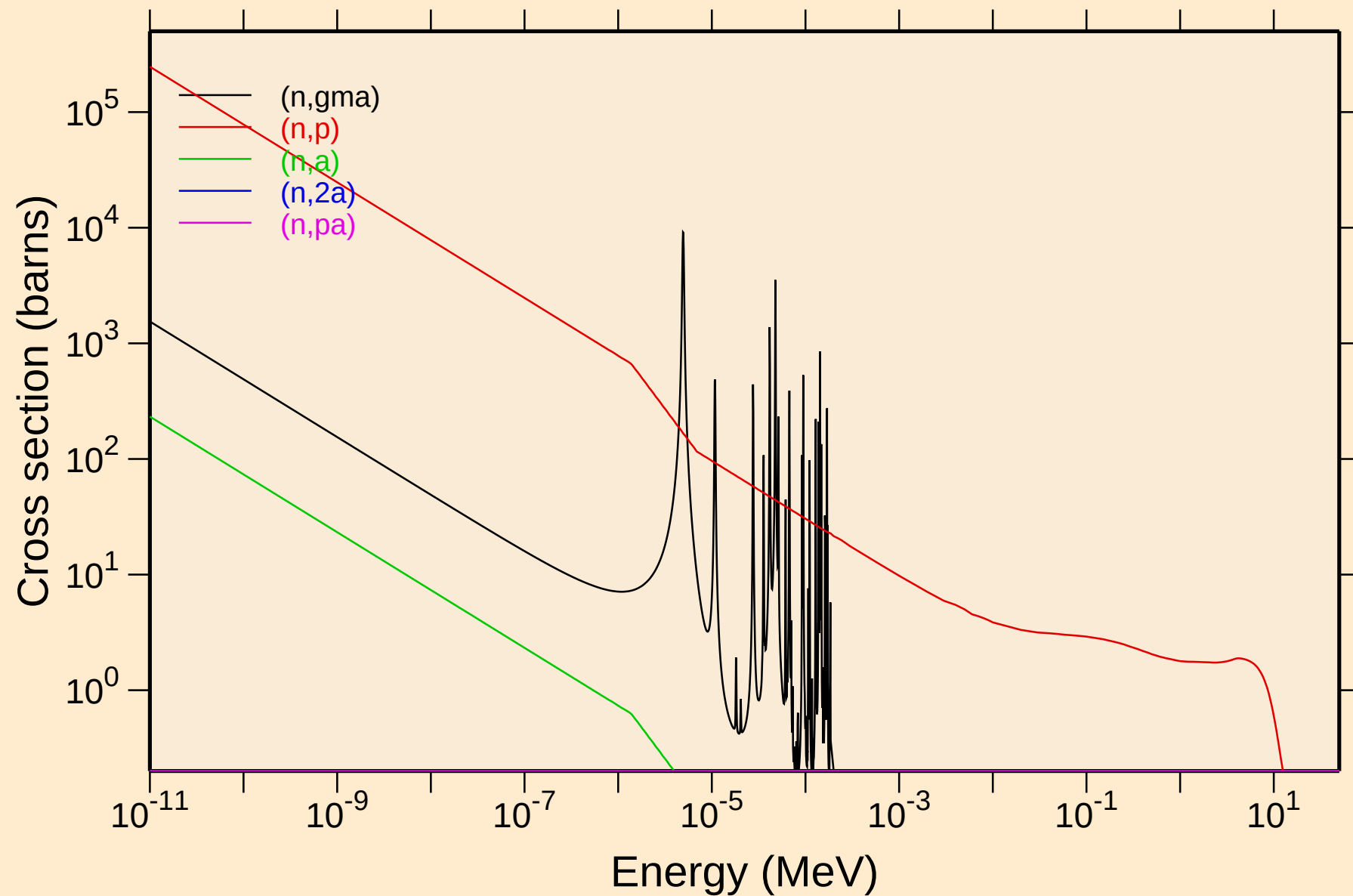
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



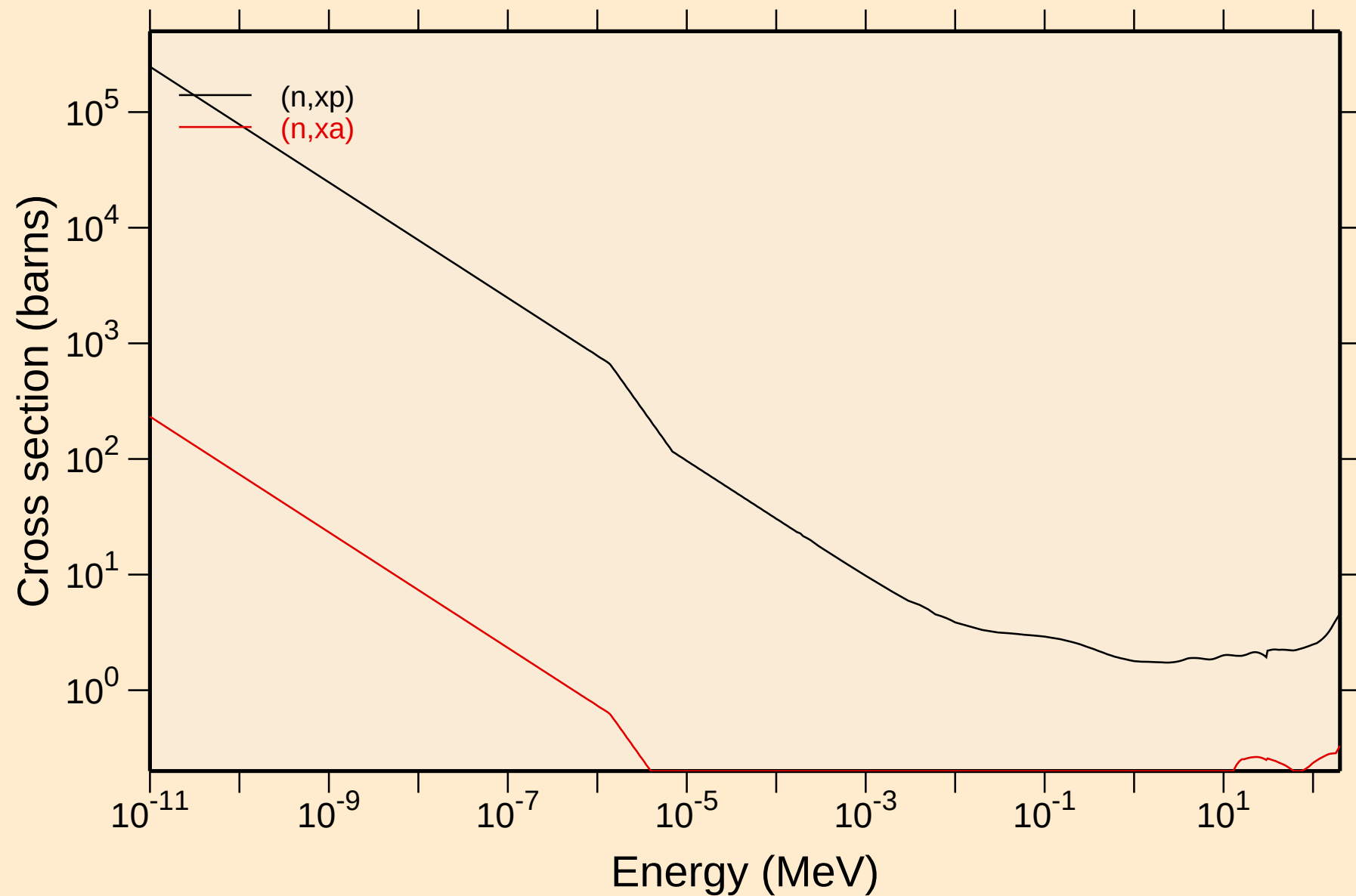
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

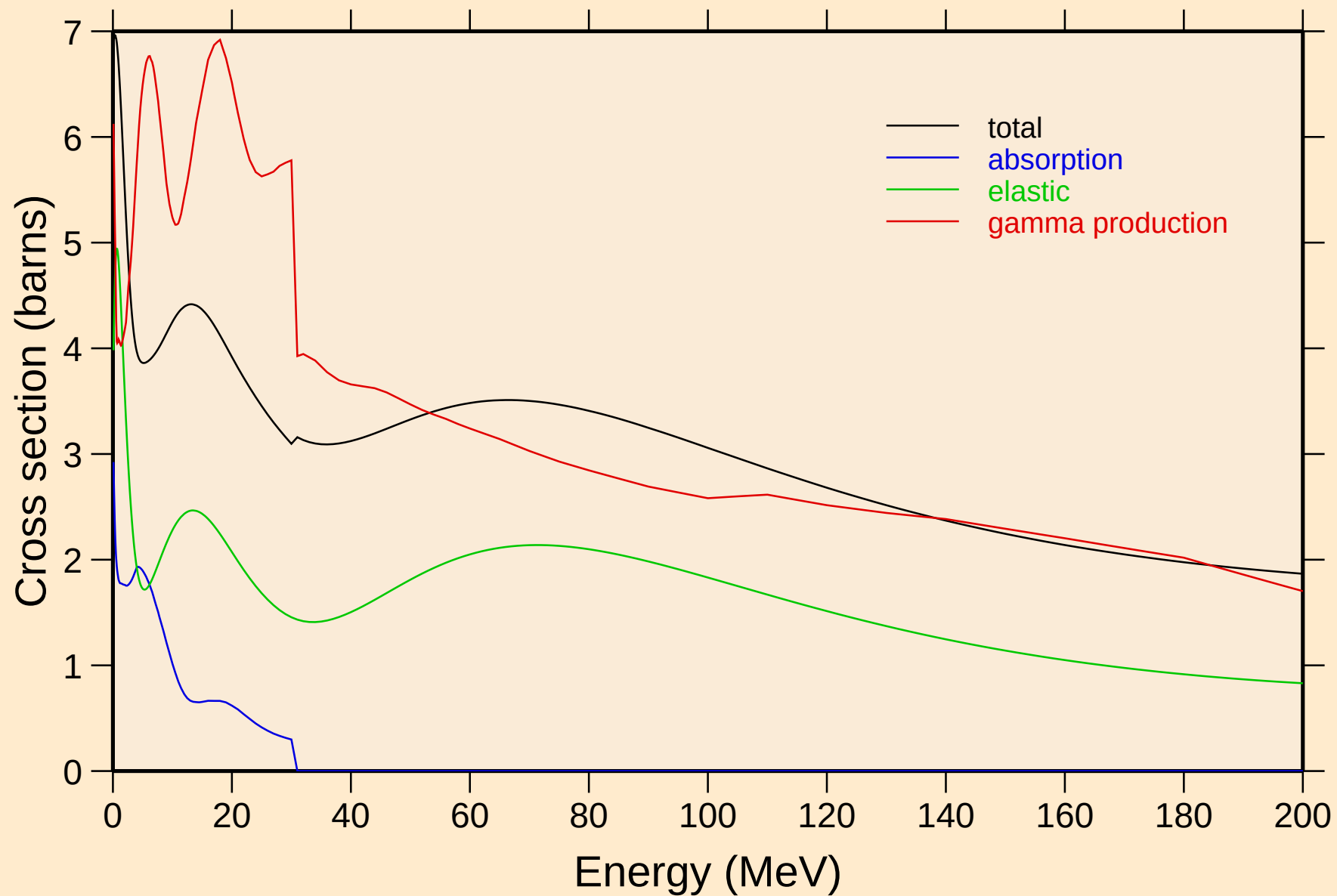


SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

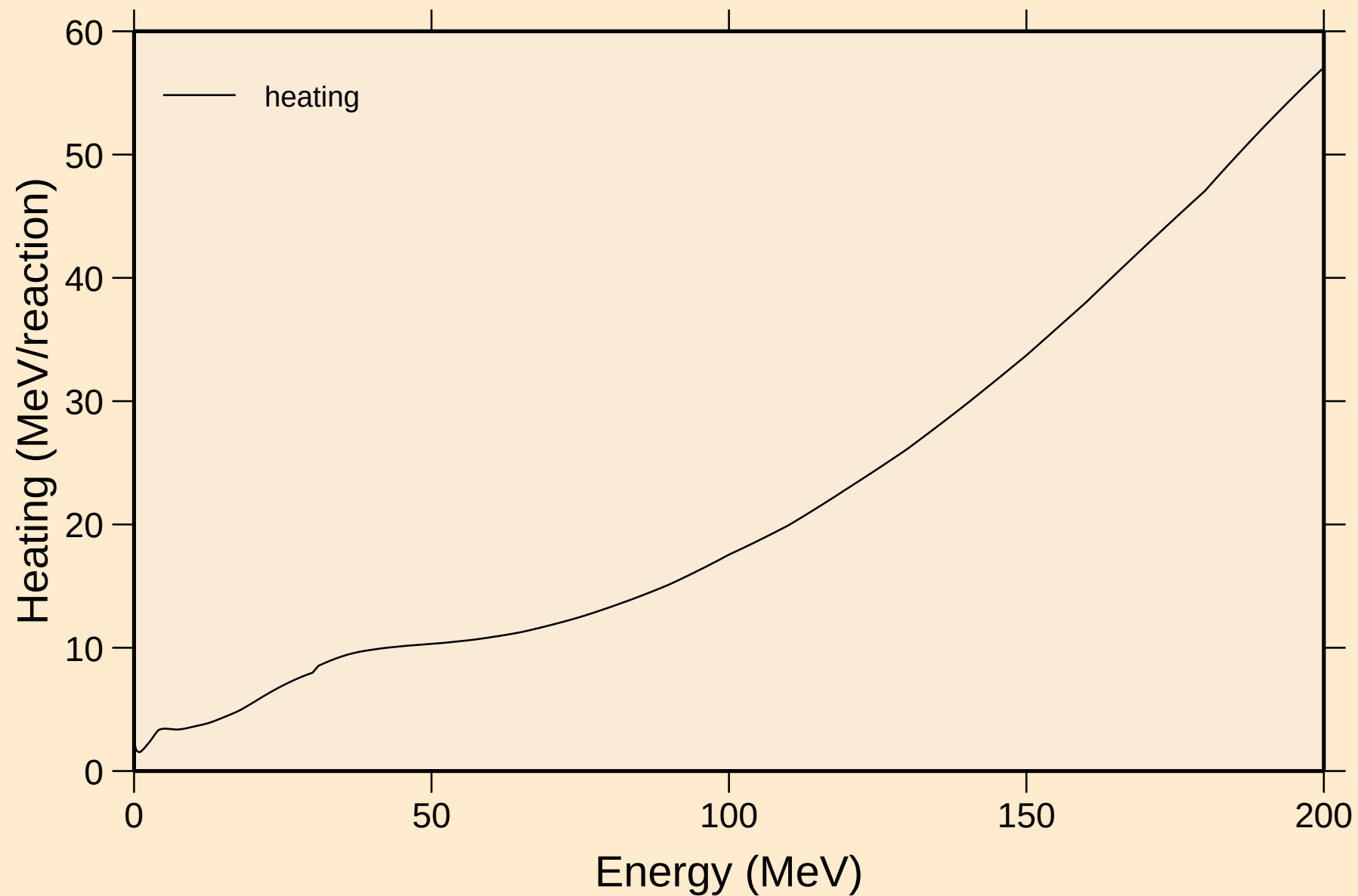


SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

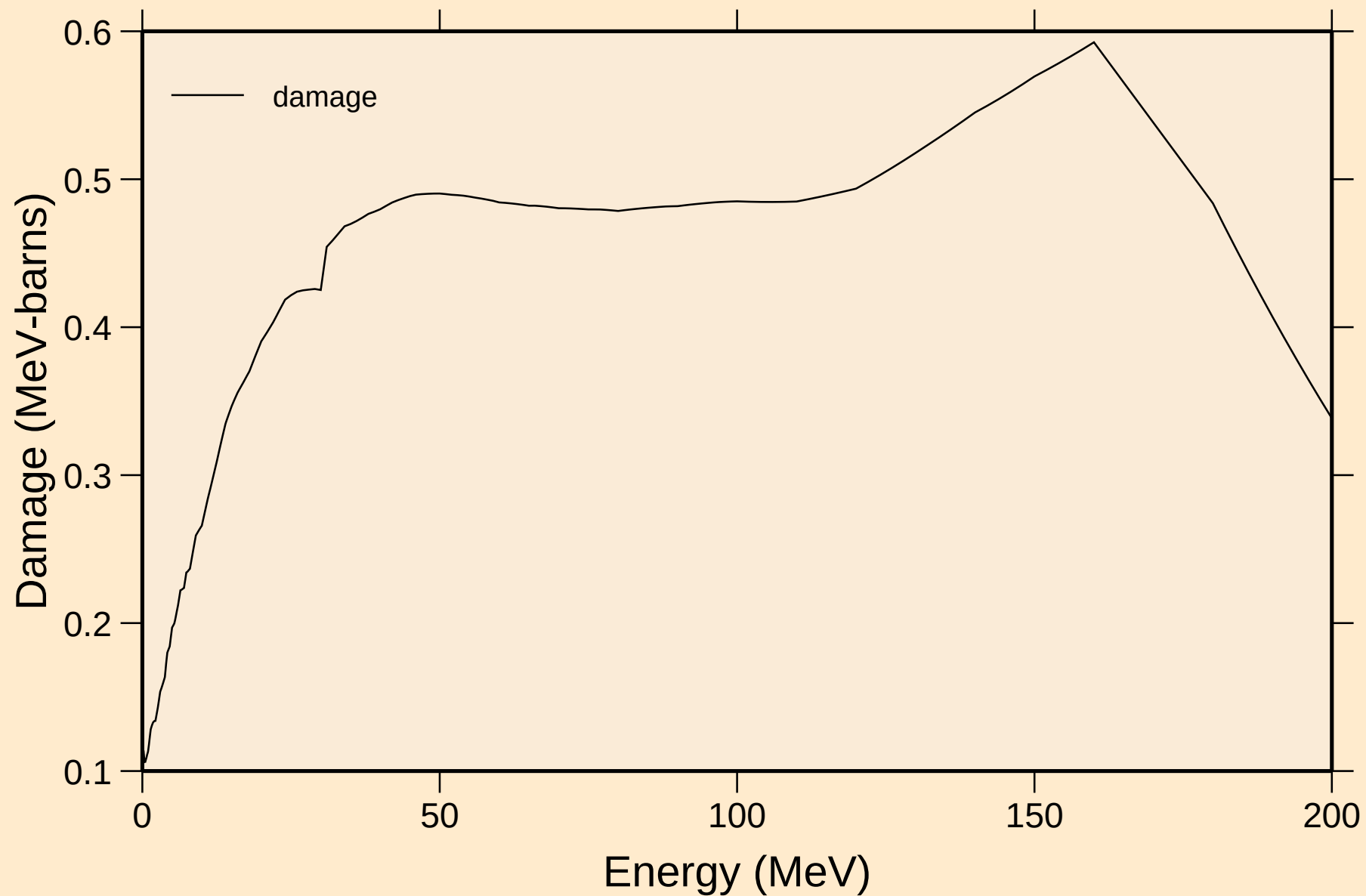
Principal cross sections



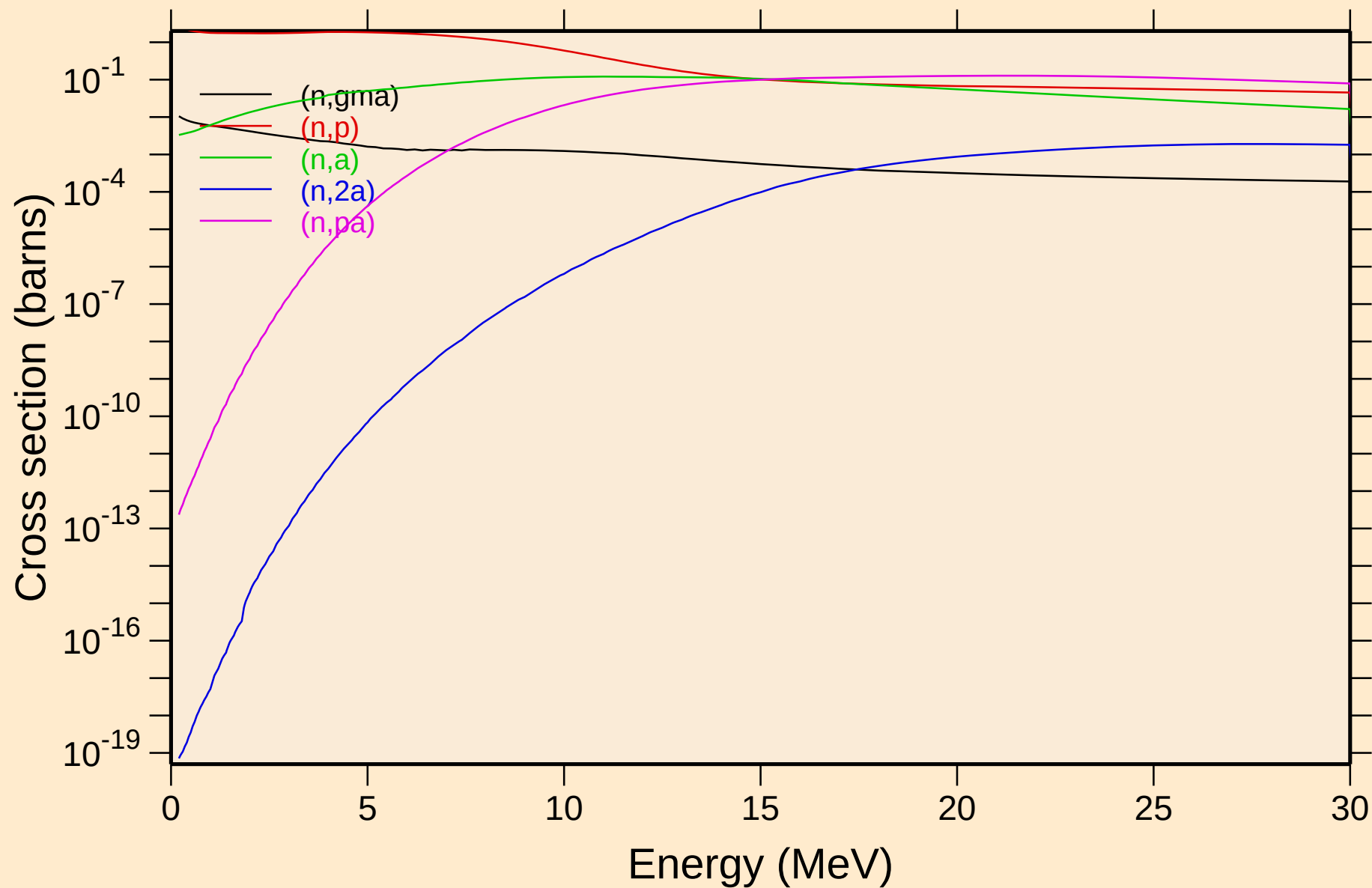
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



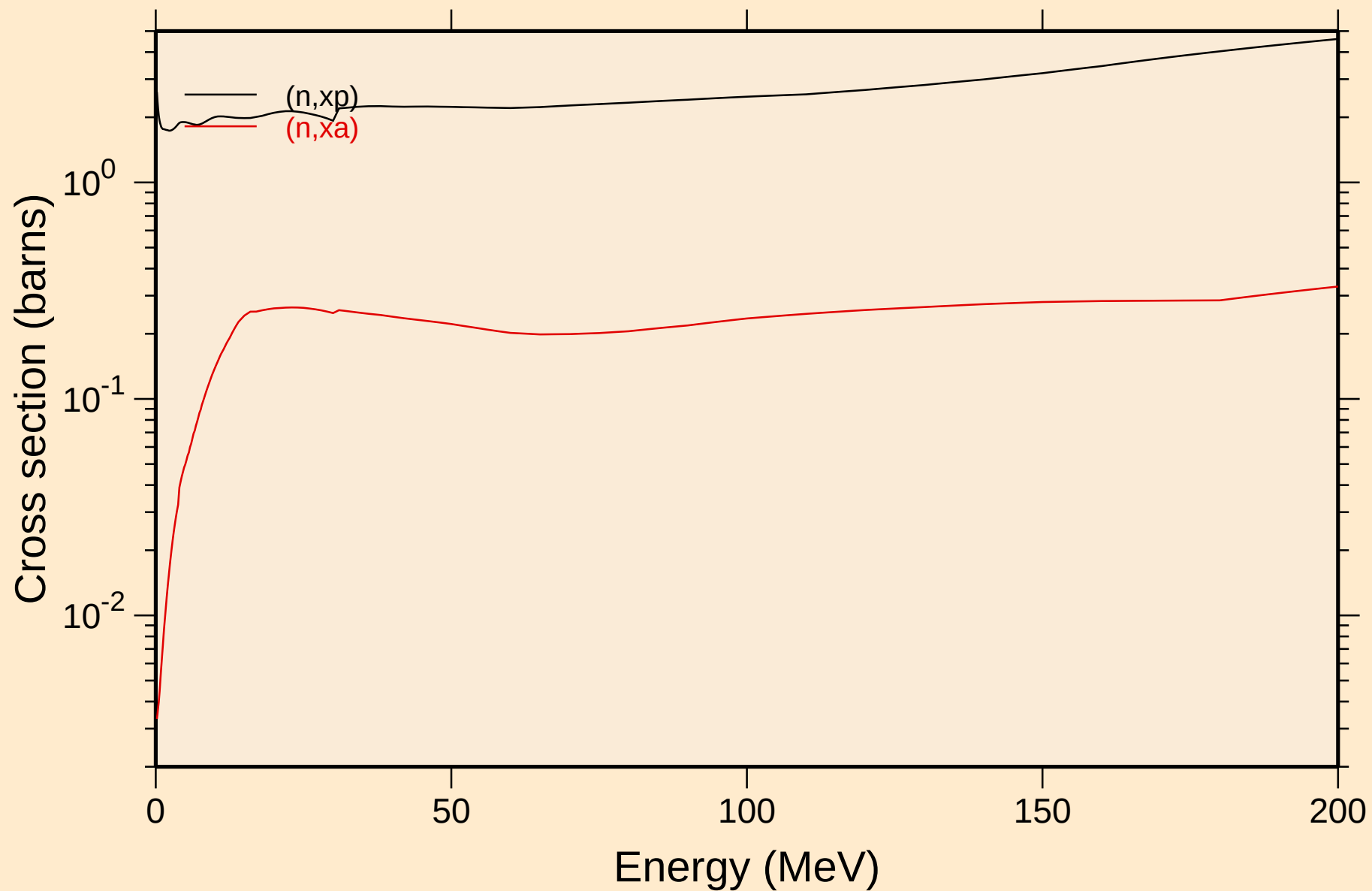
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



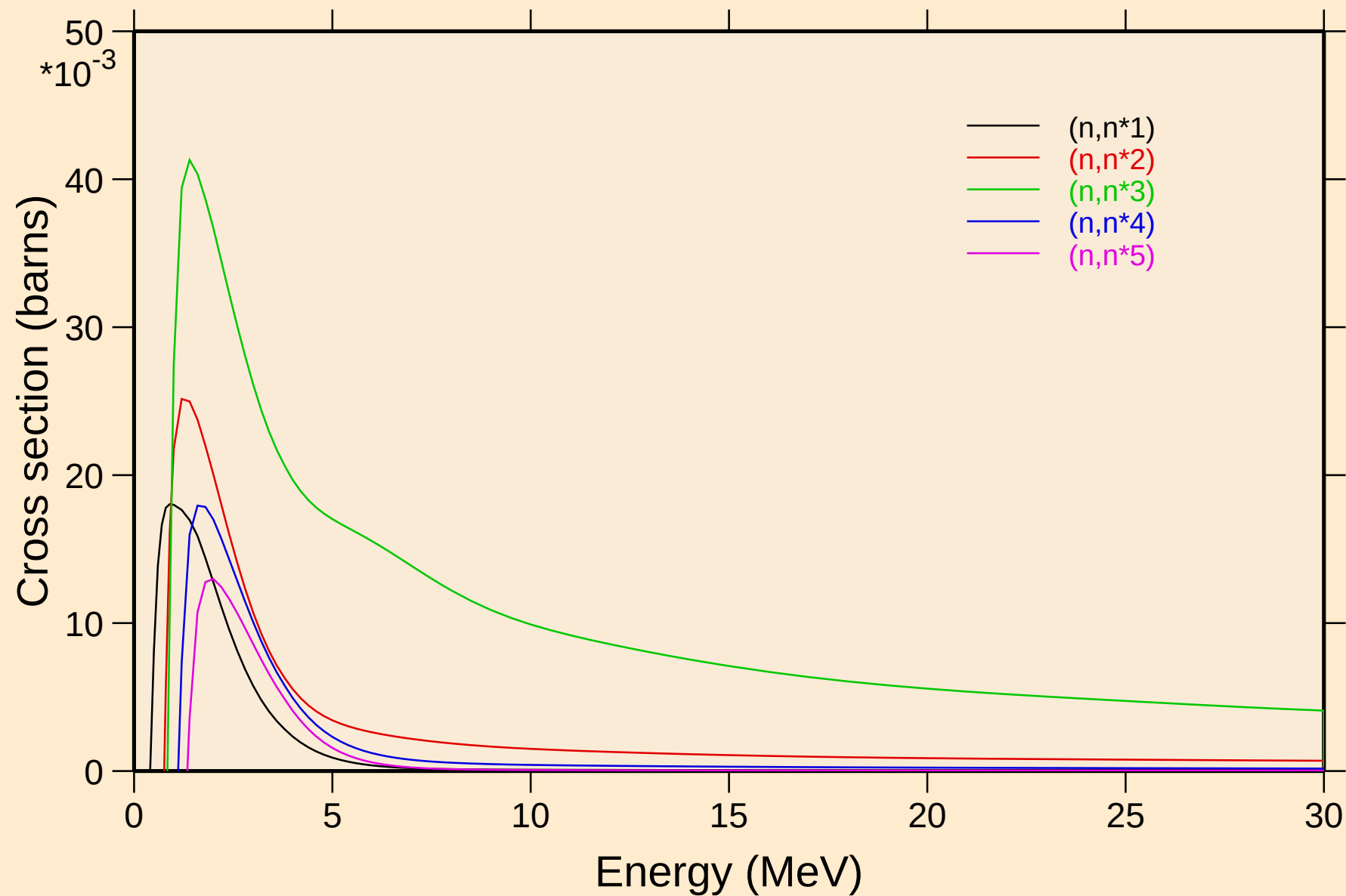
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



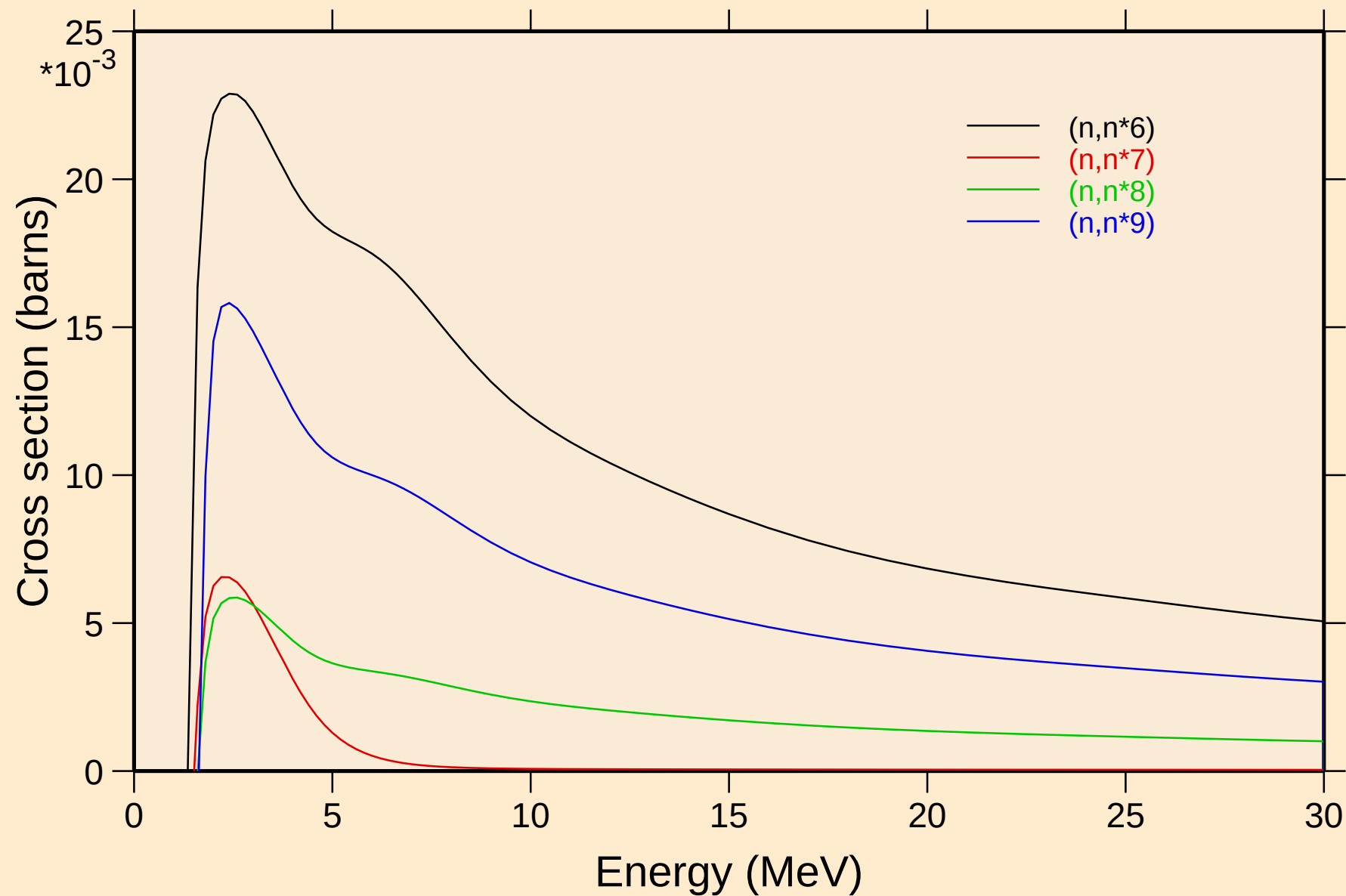
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



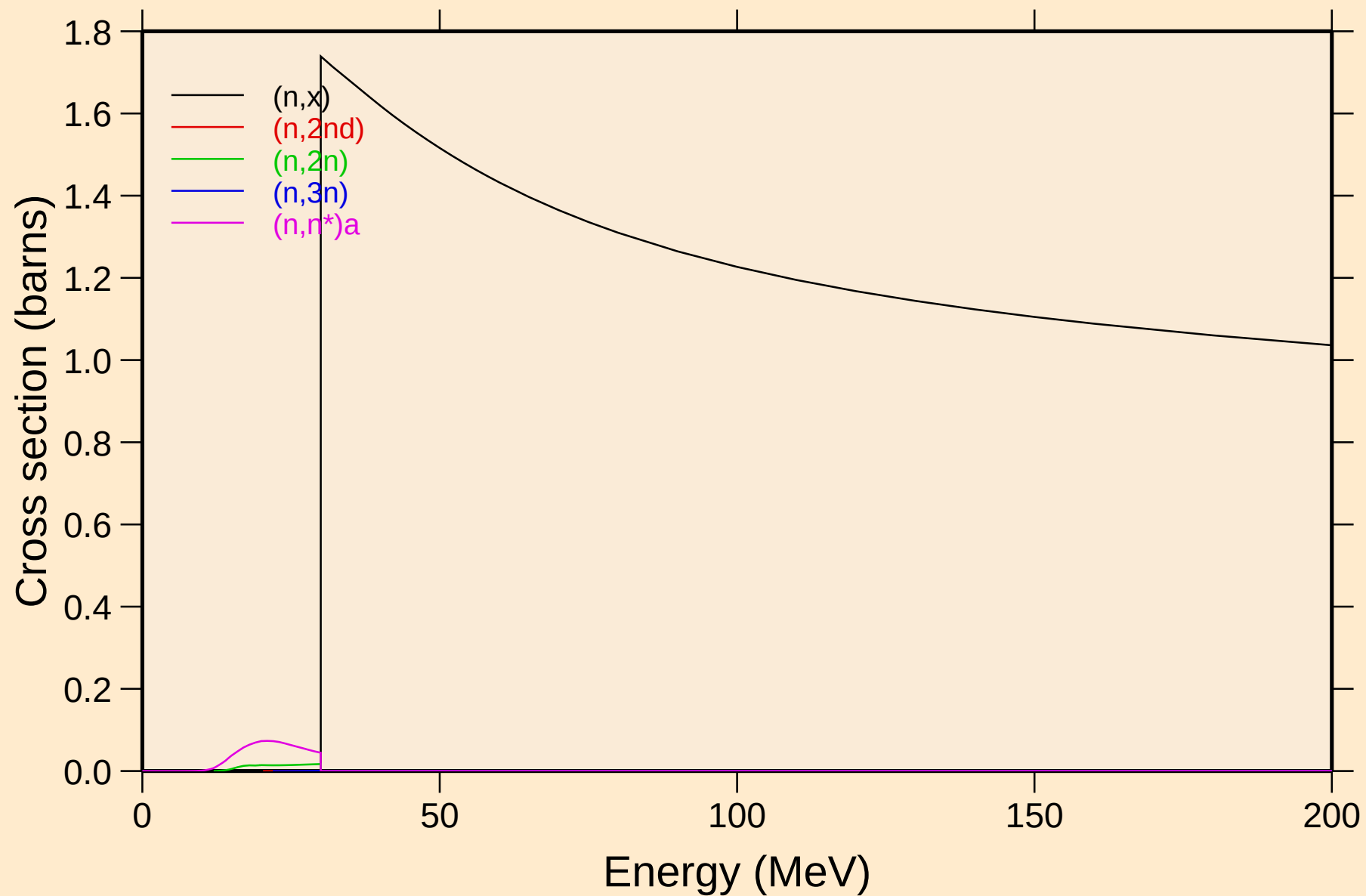
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



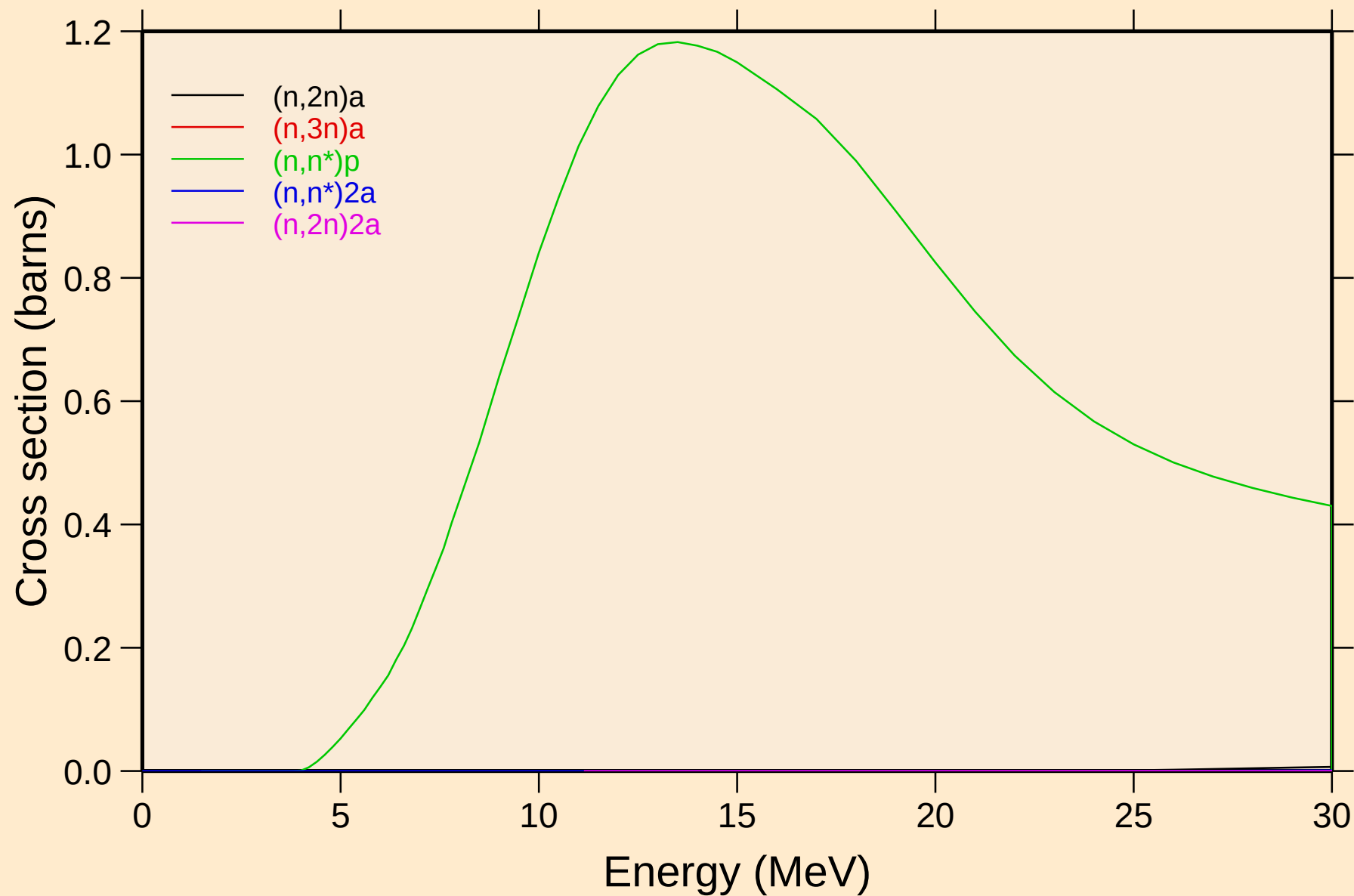
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



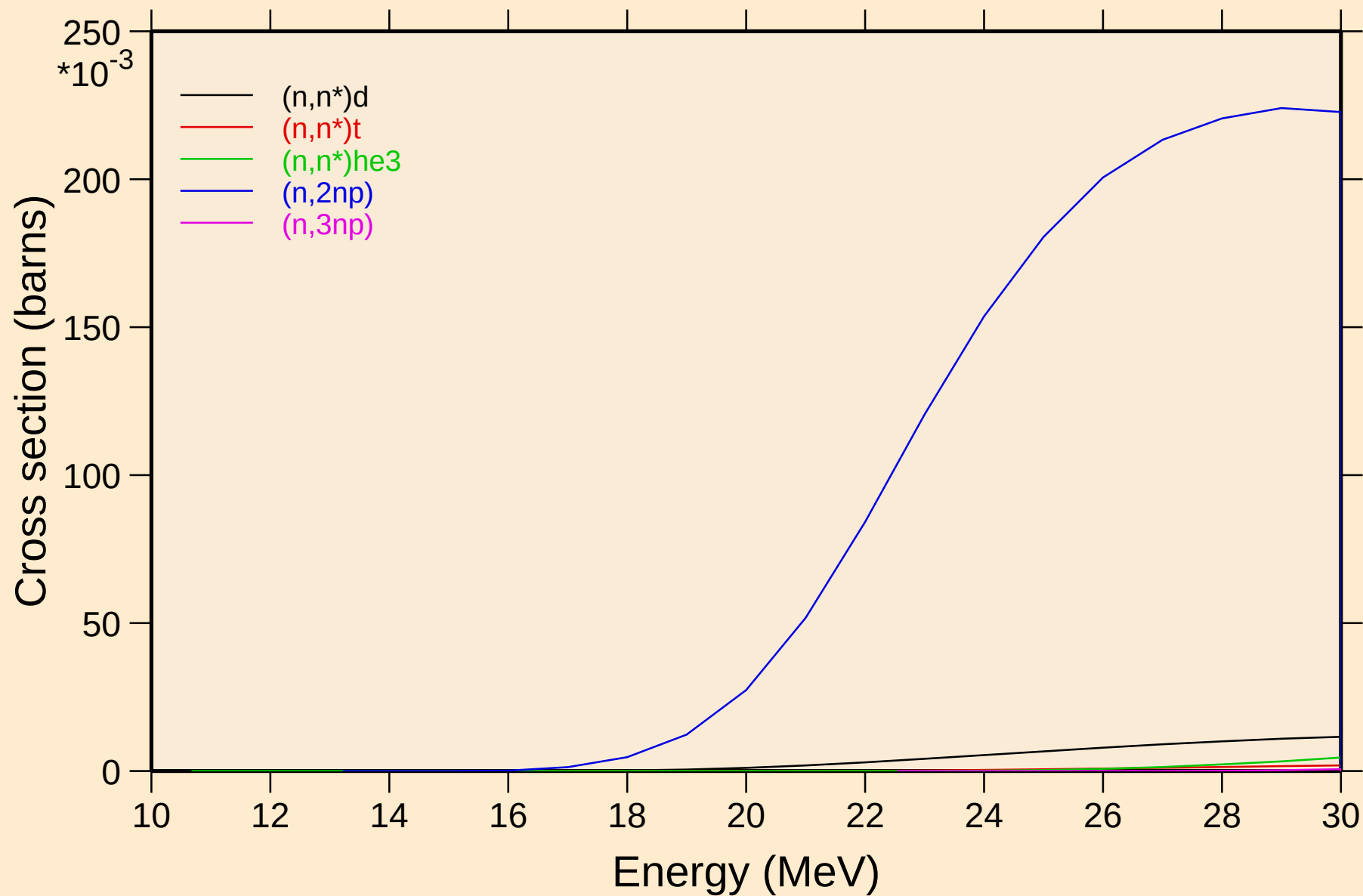
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



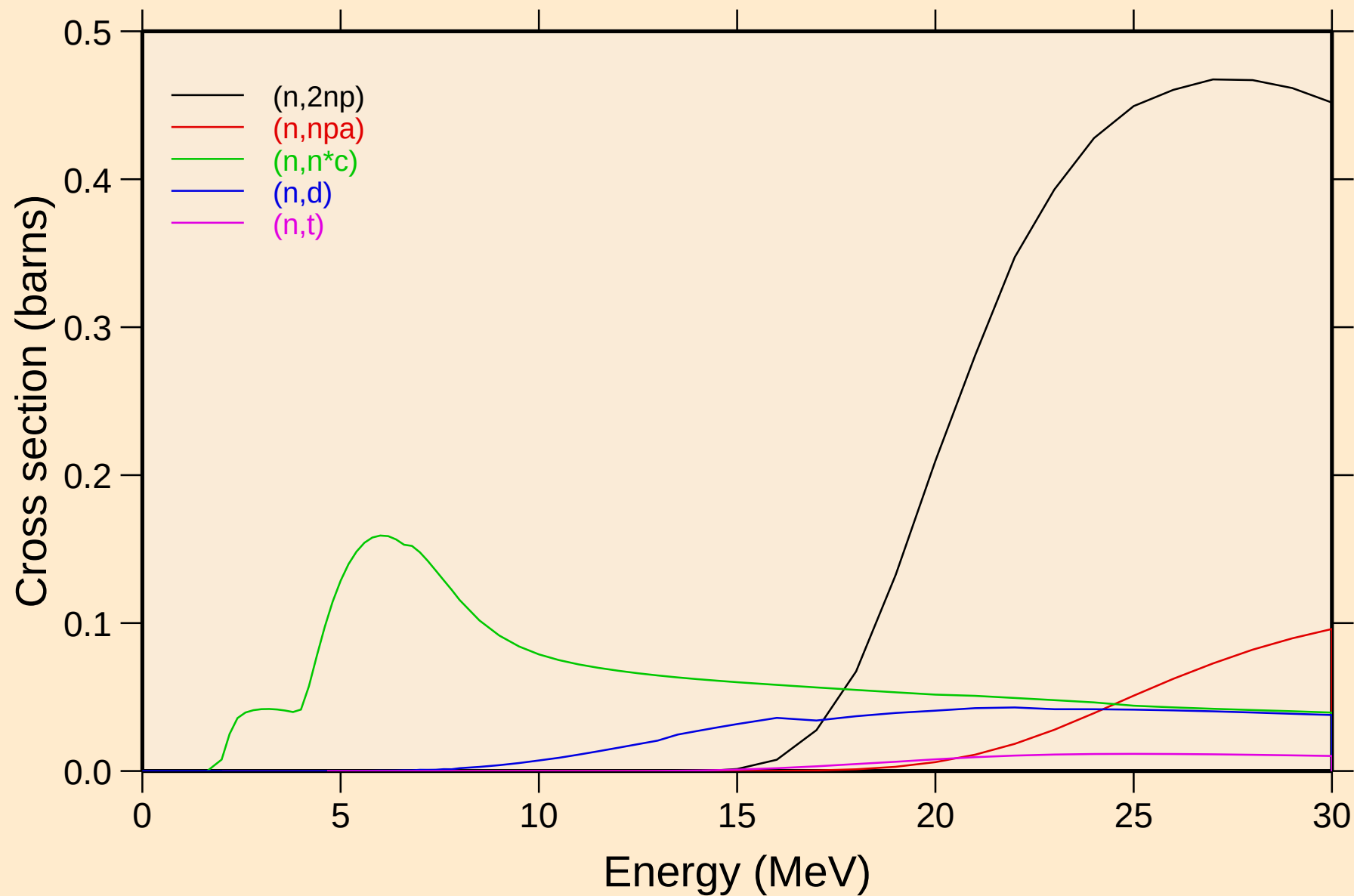
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



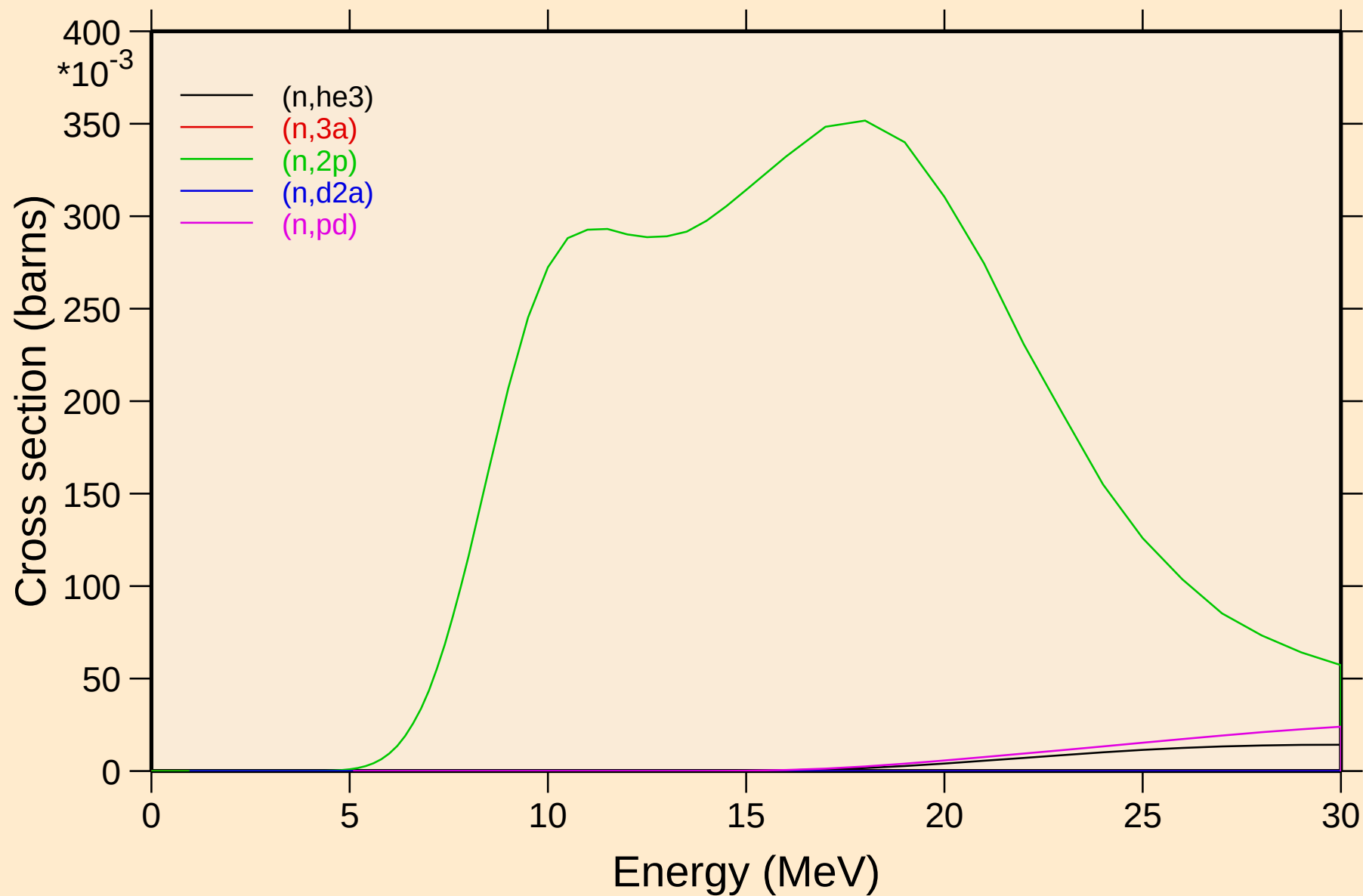
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



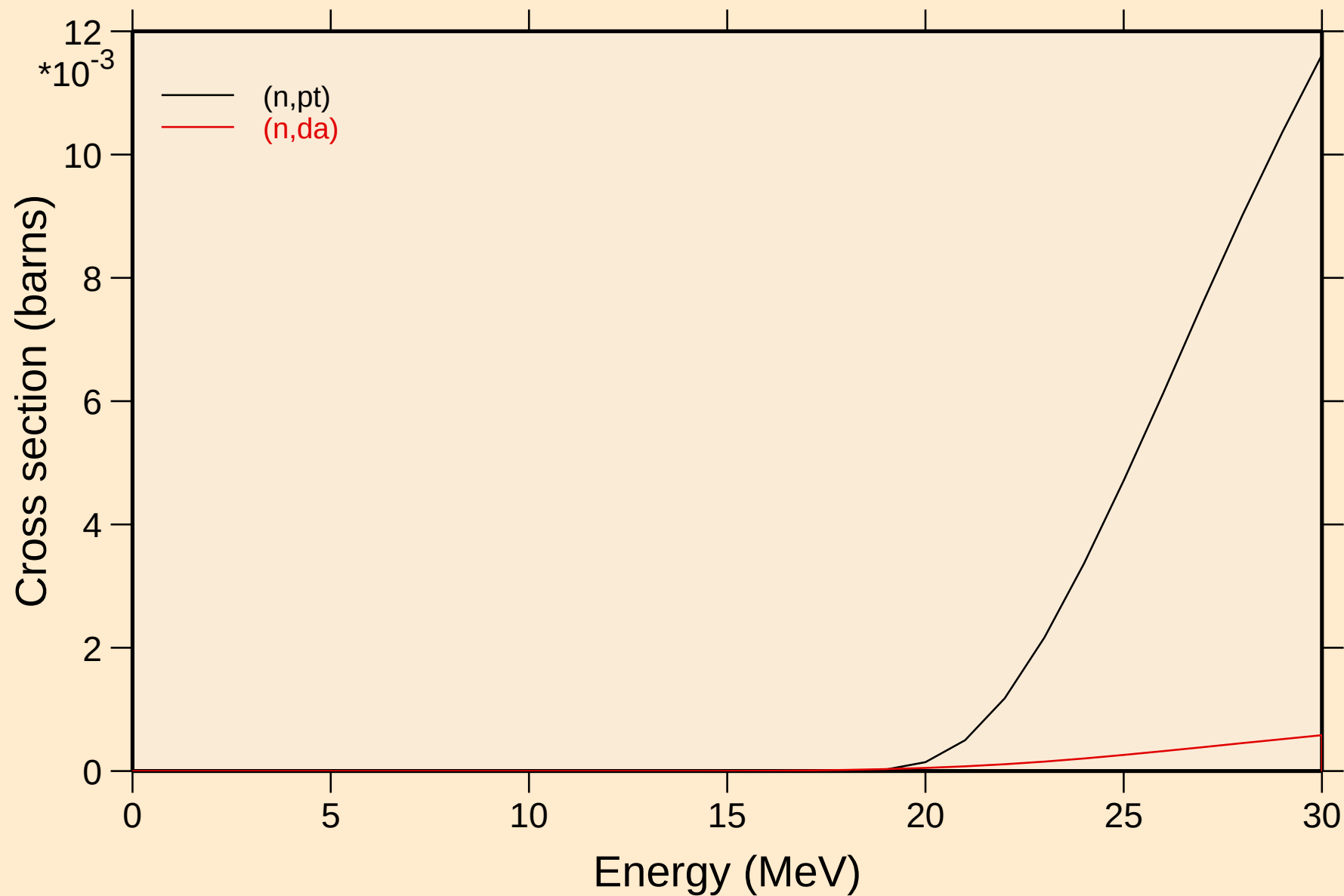
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



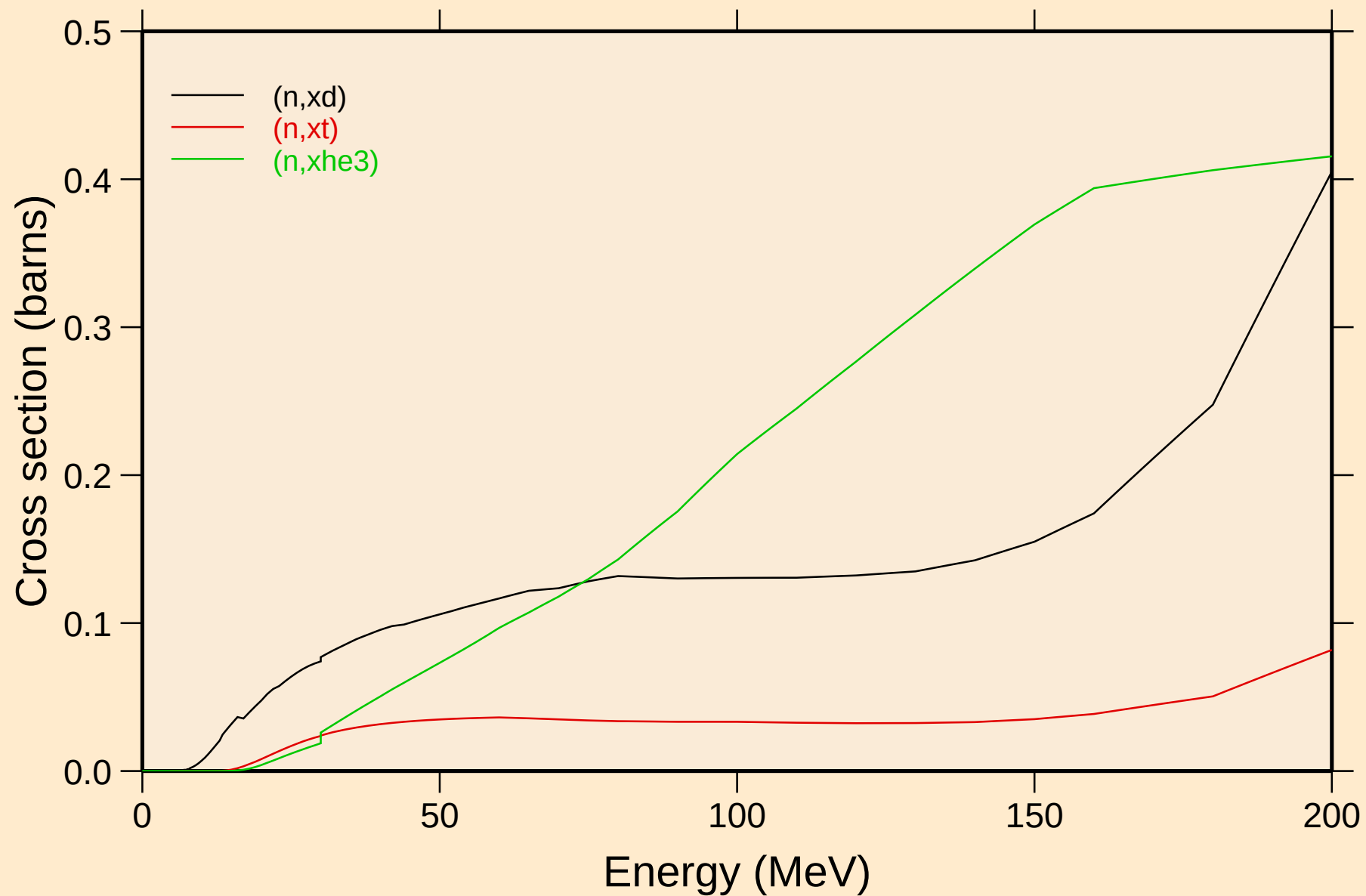
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



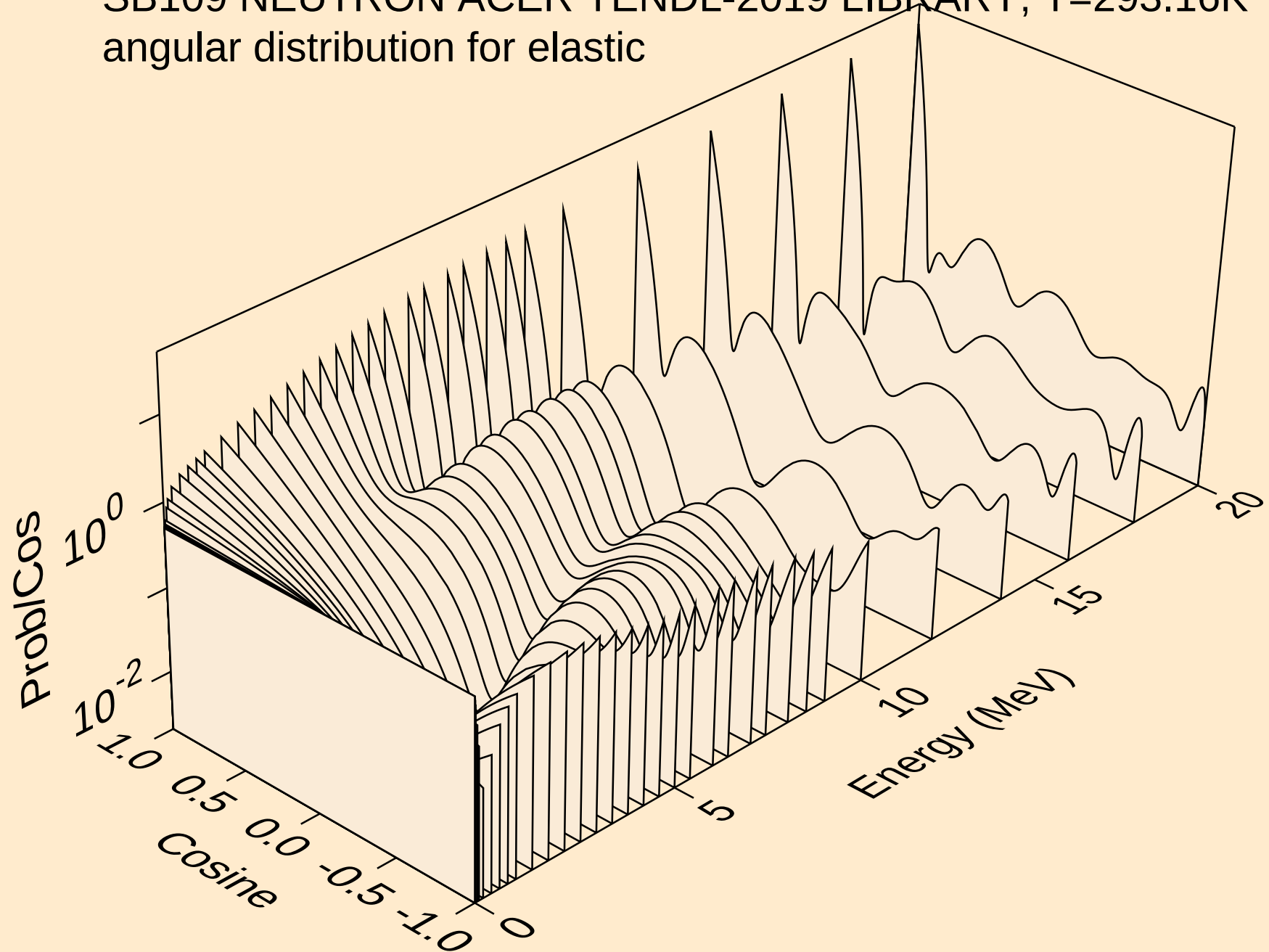
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



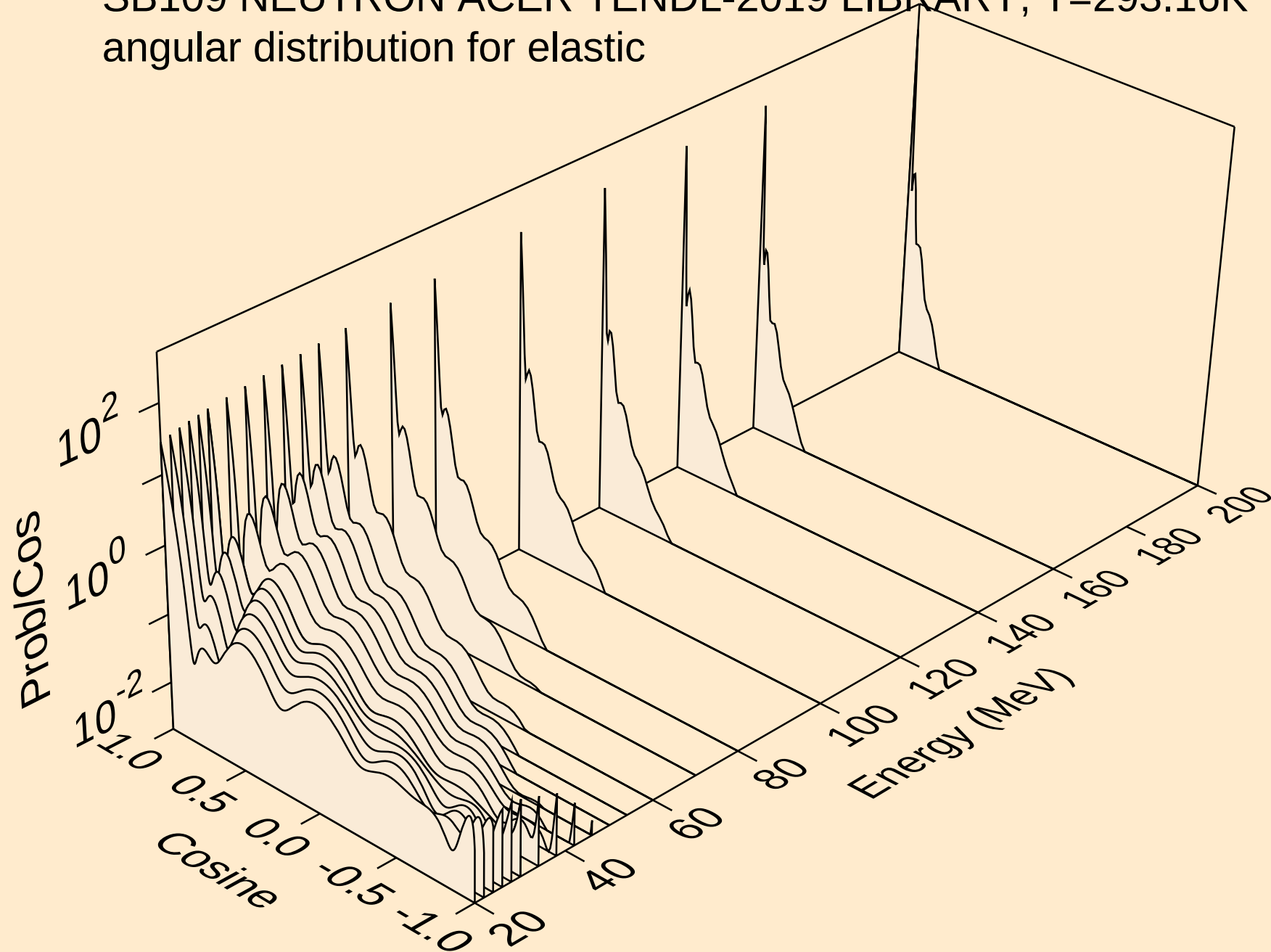
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



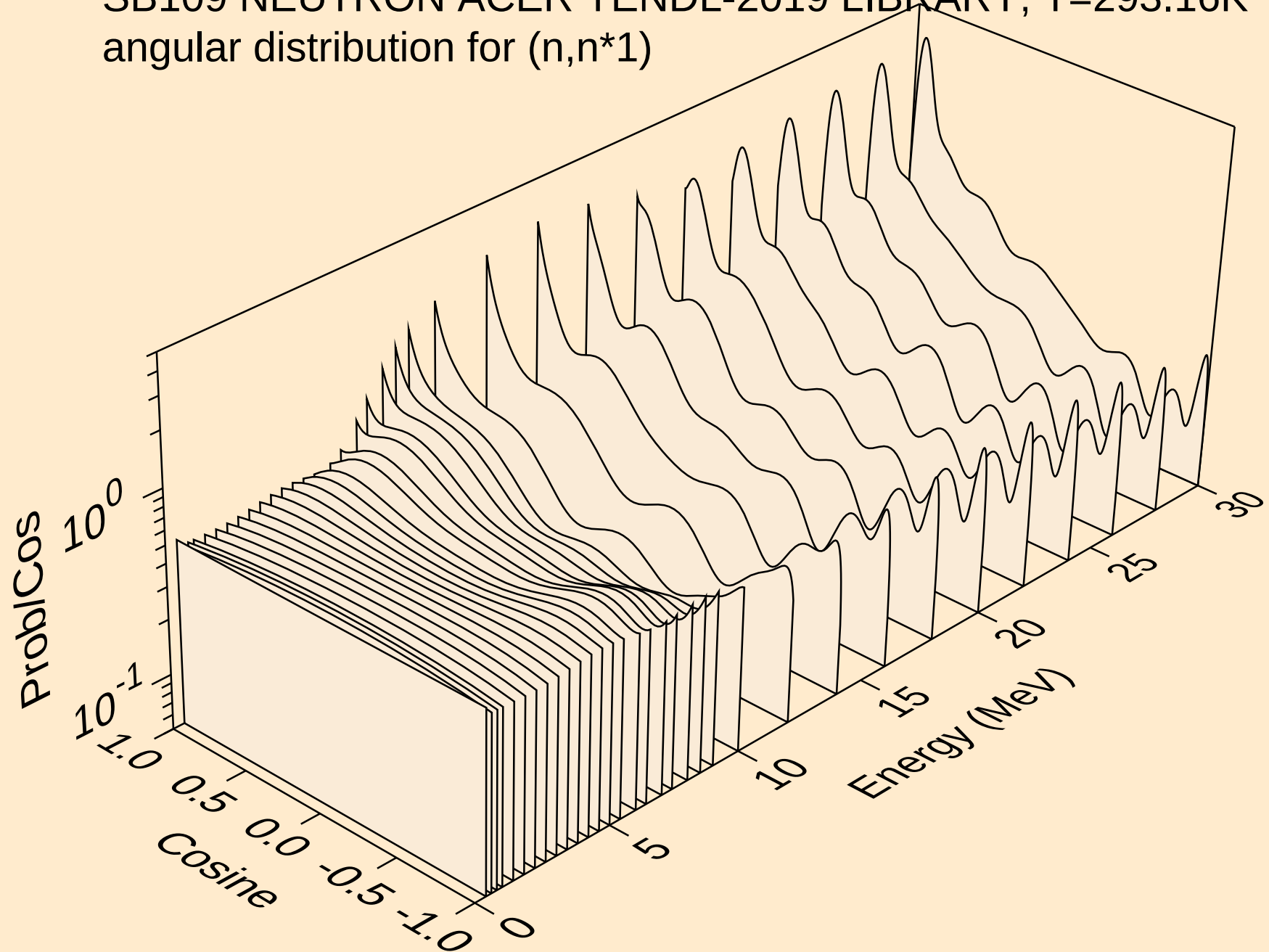
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



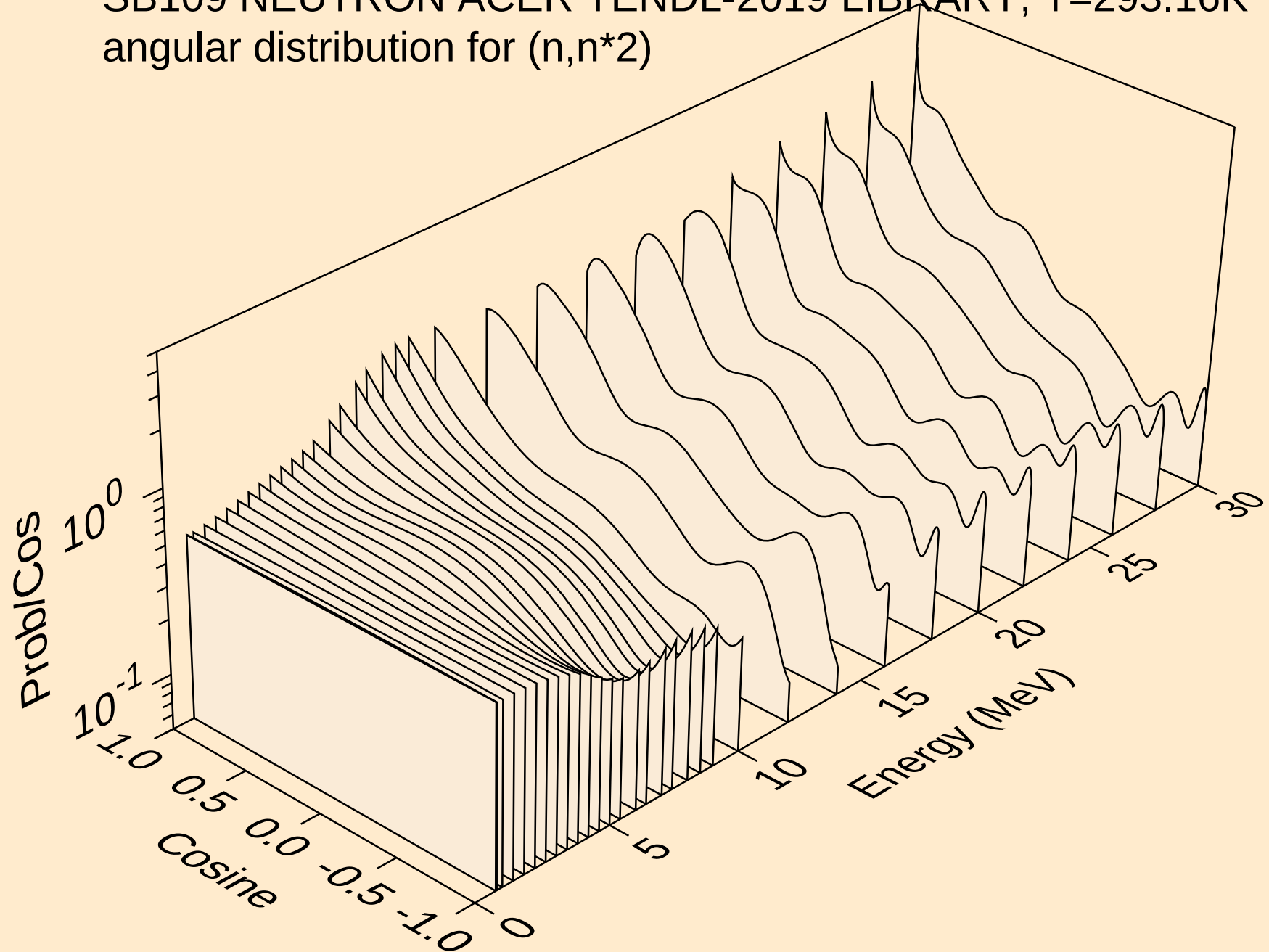
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



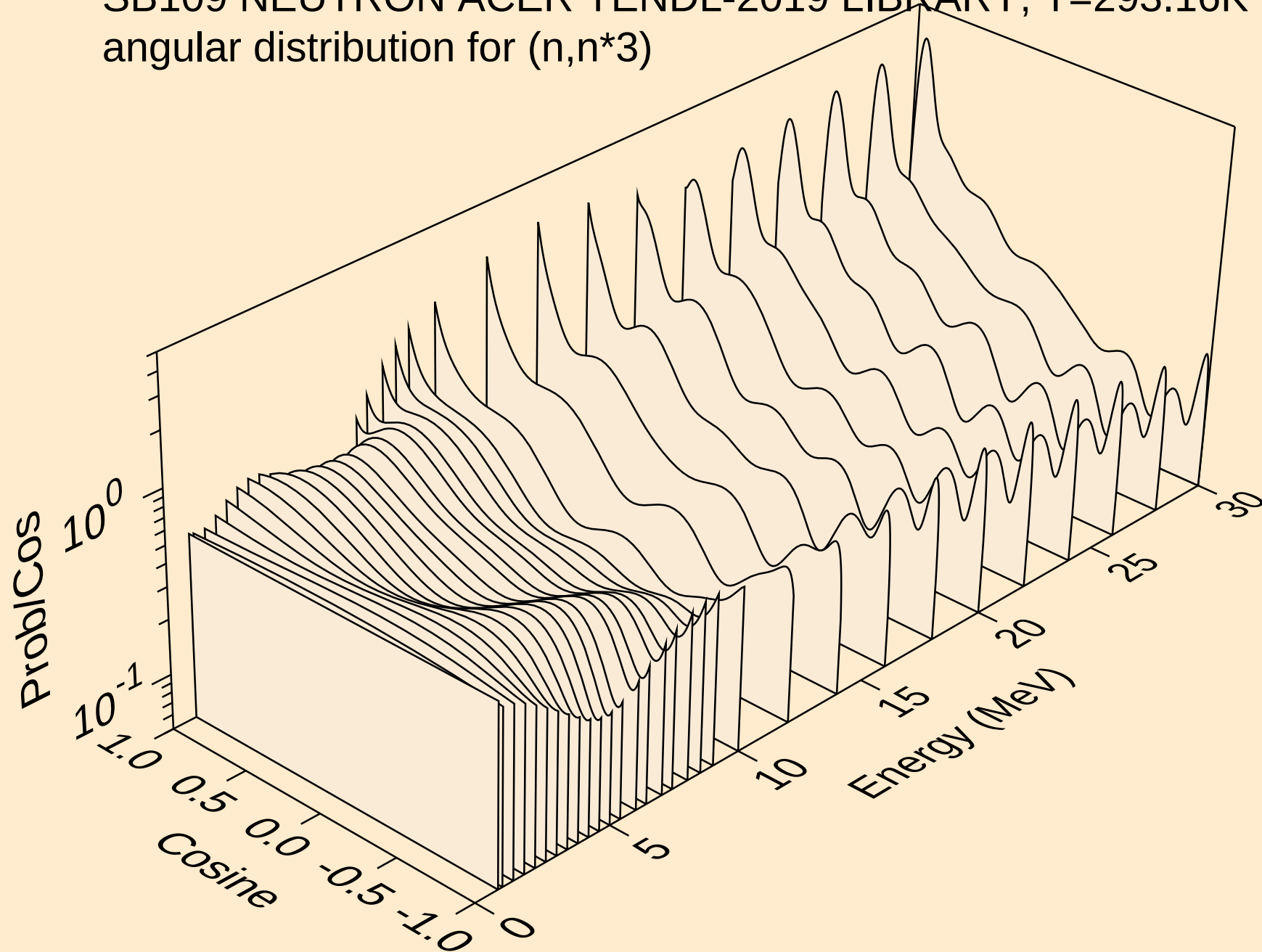
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



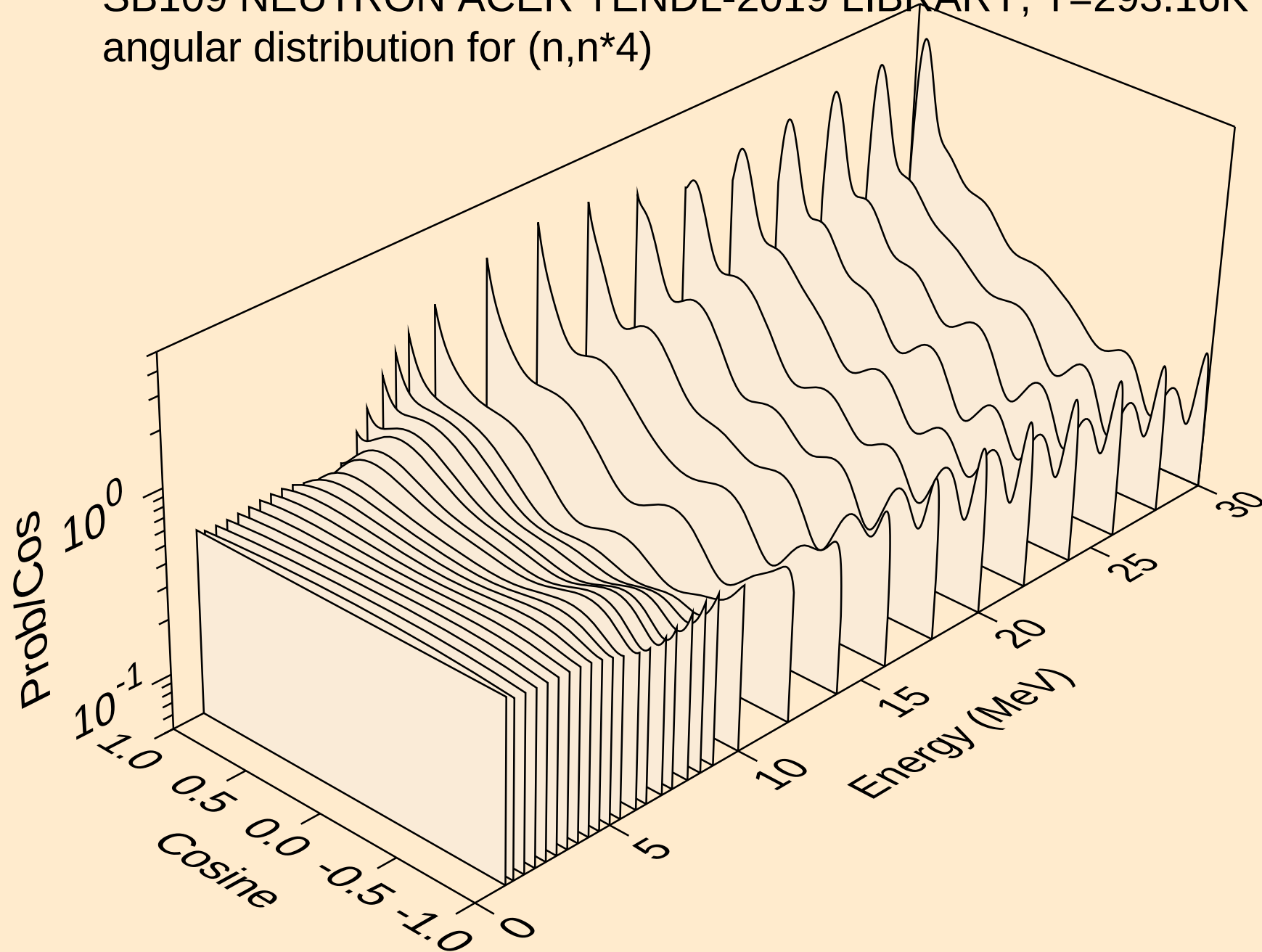
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



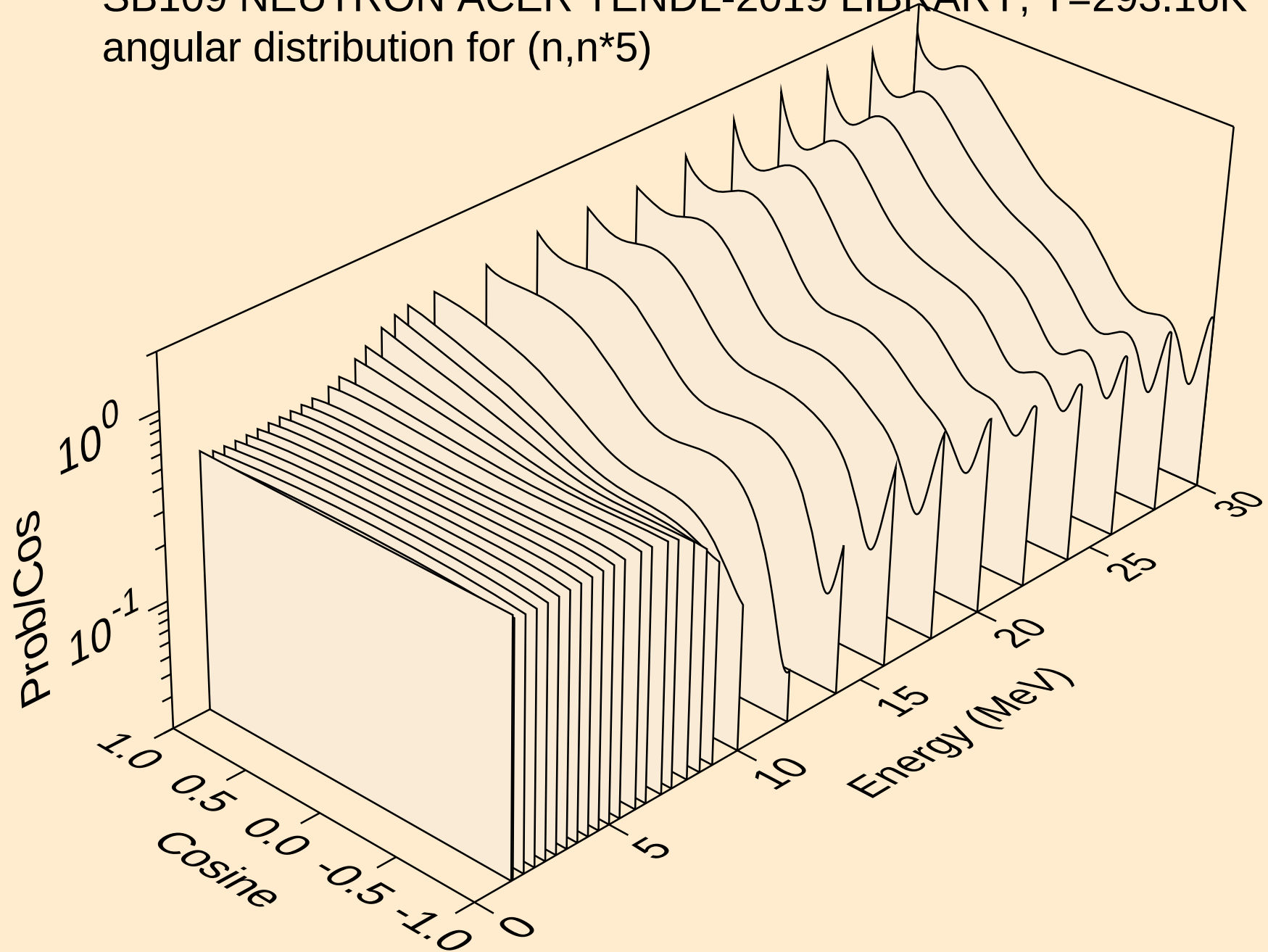
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



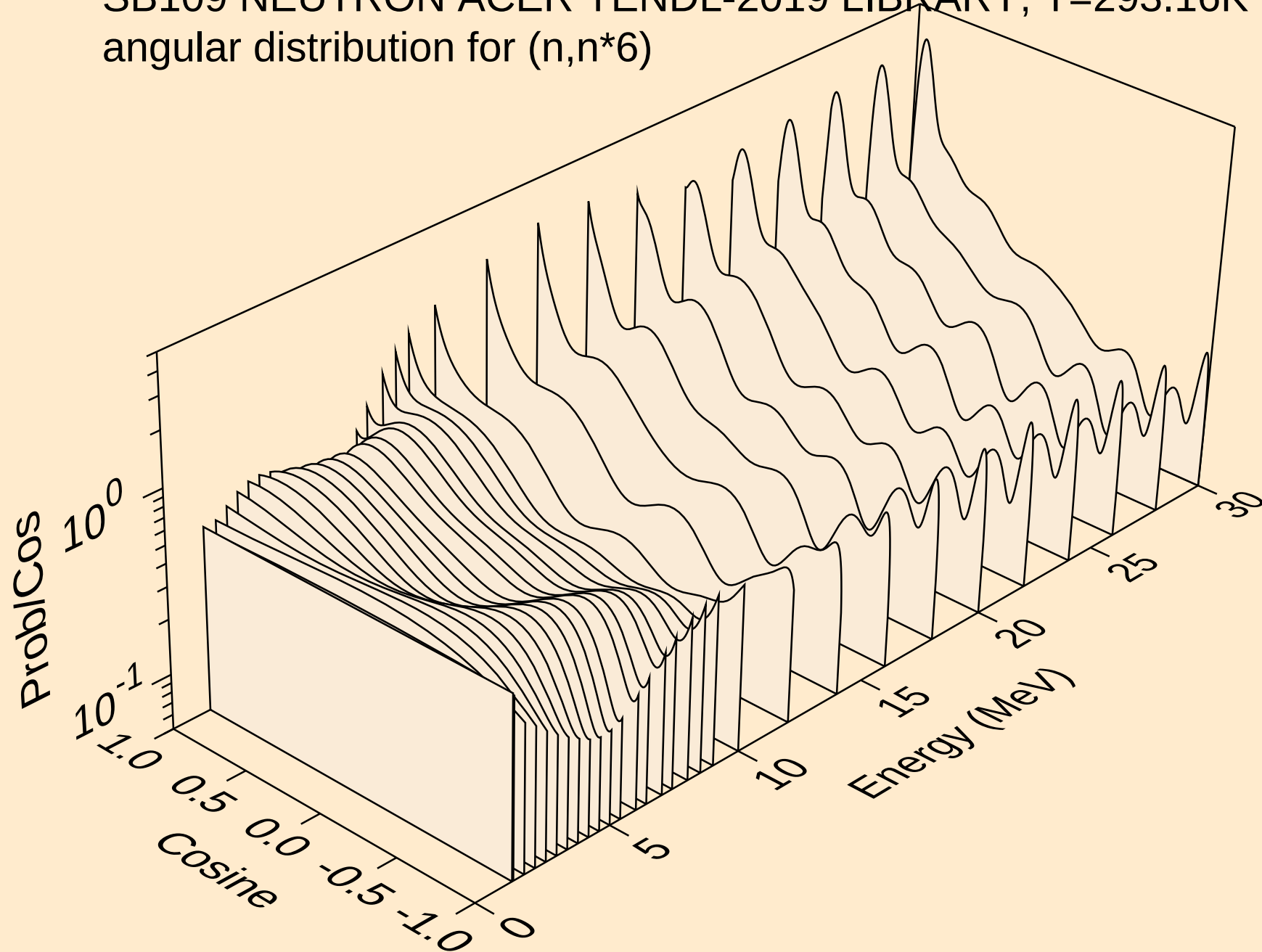
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



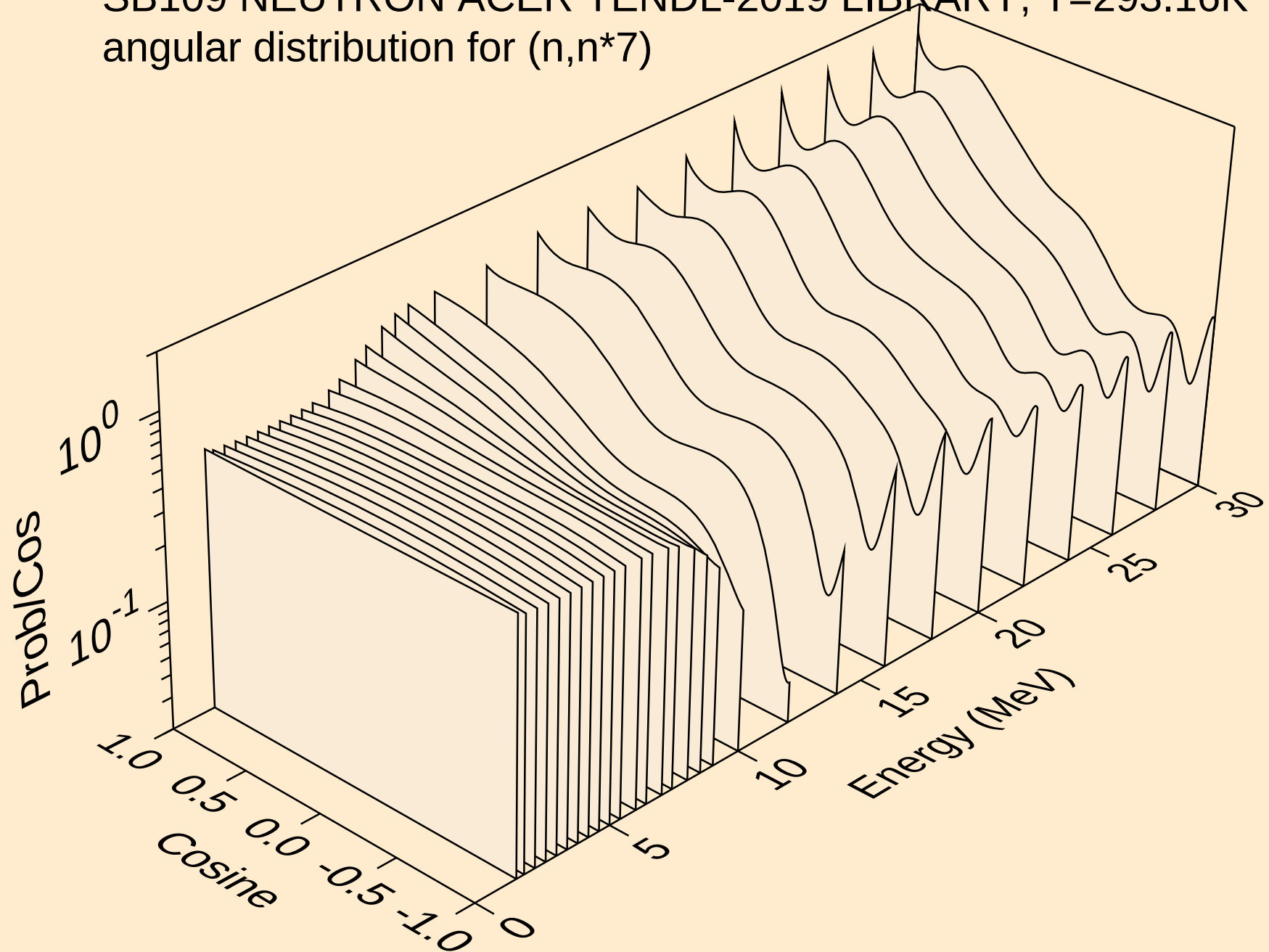
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



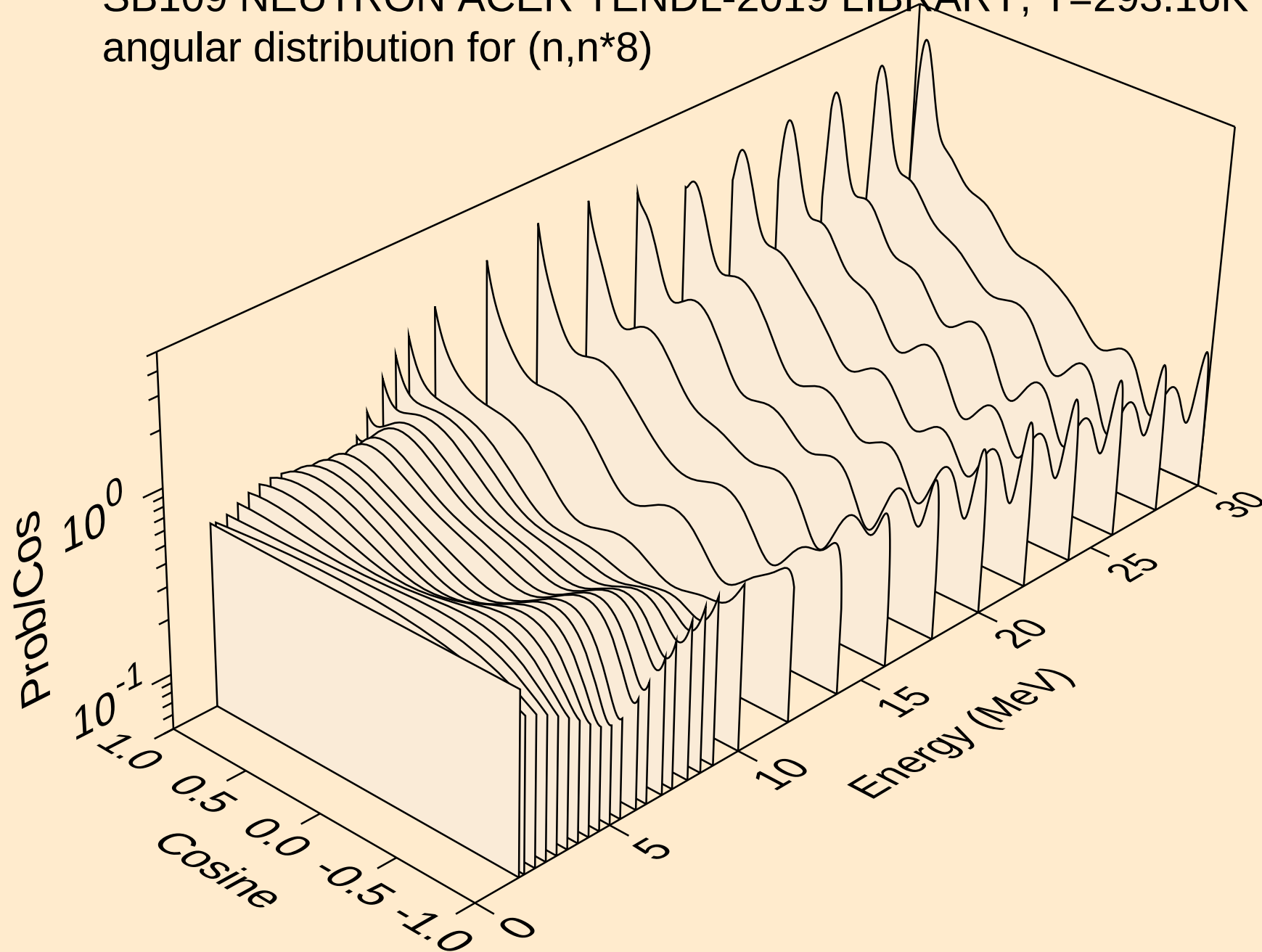
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angular distribution for (n,n*6)



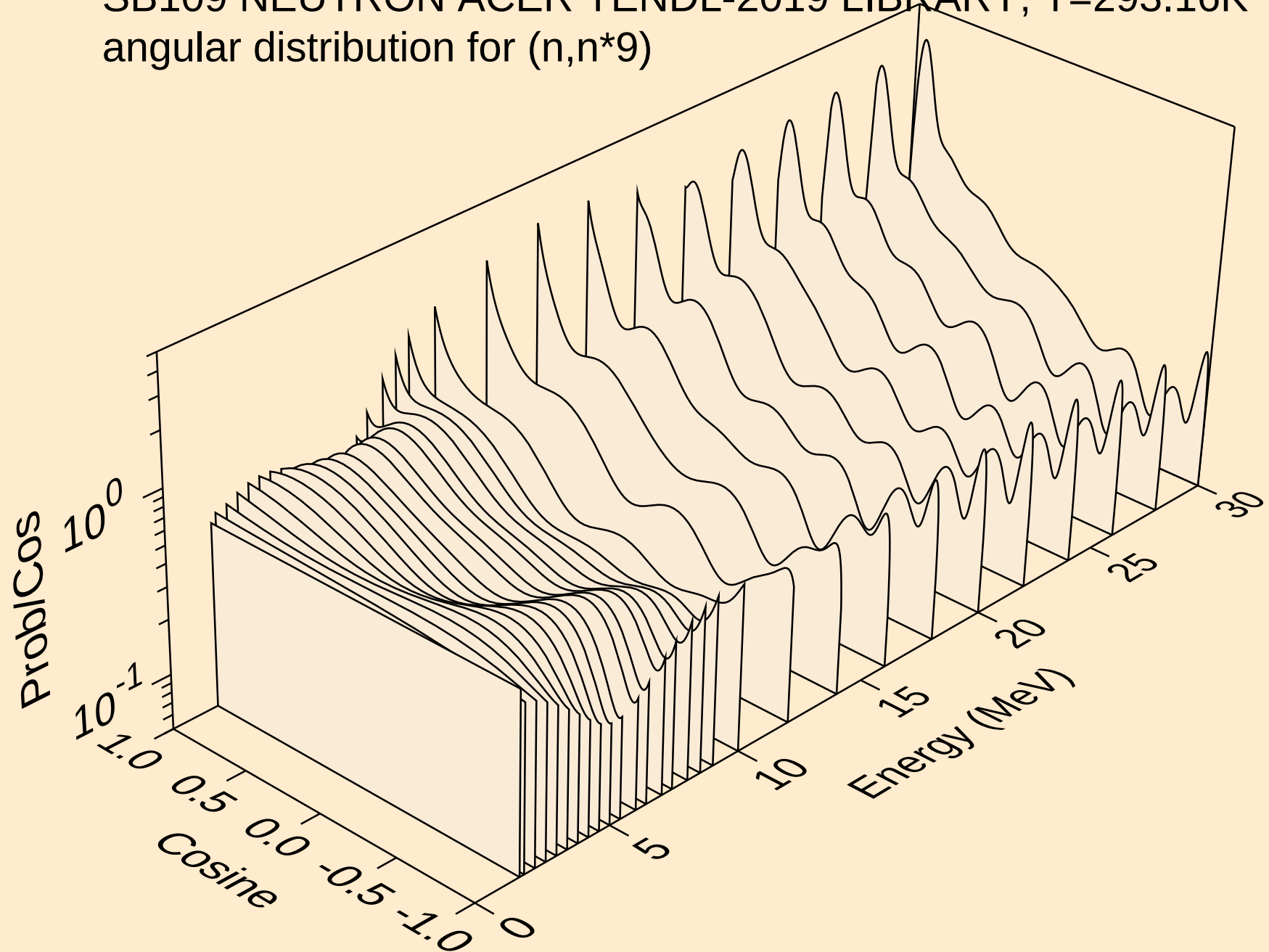
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angular distribution for (n,n*7)



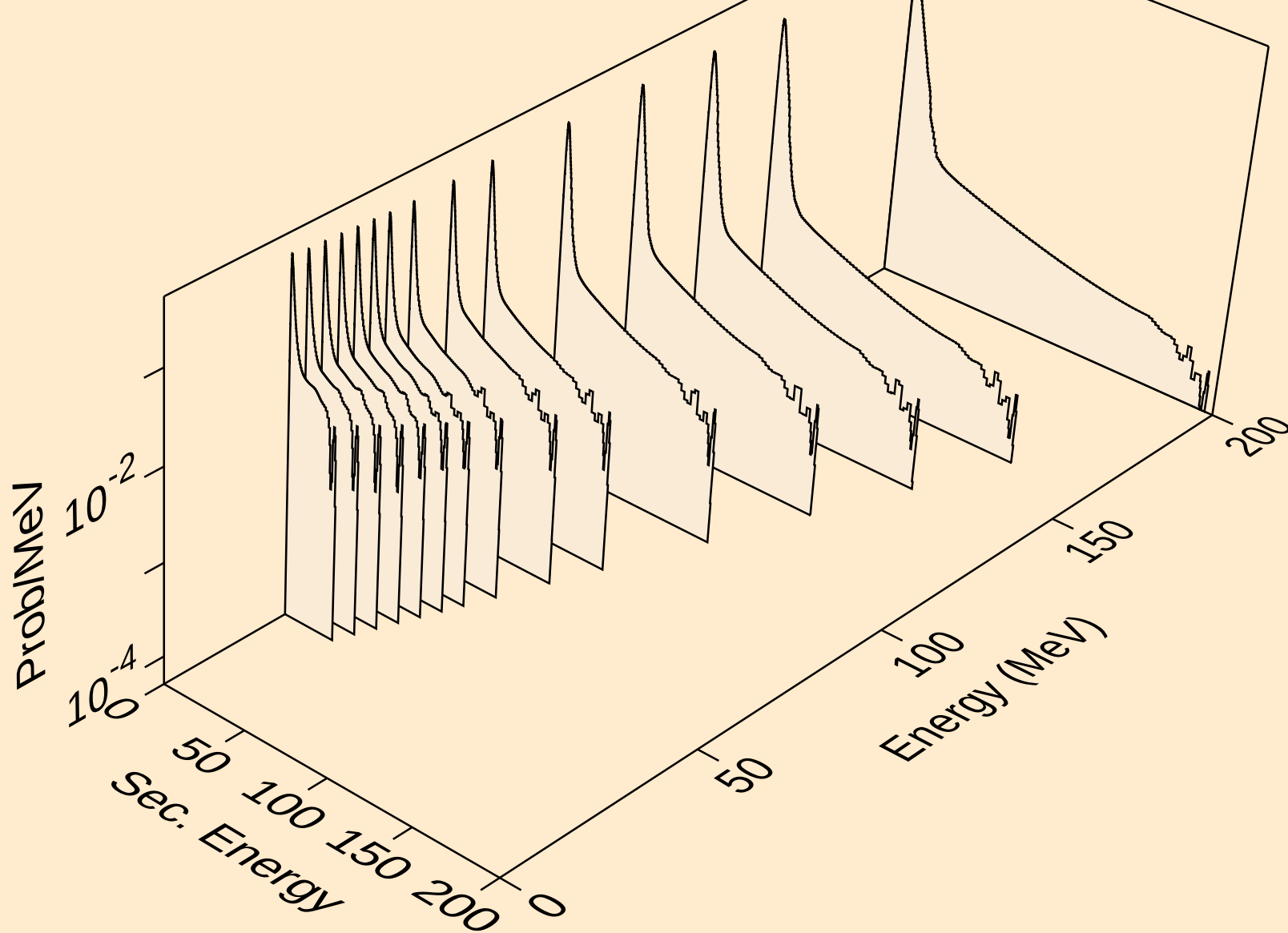
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angular distribution for (n,n*8)



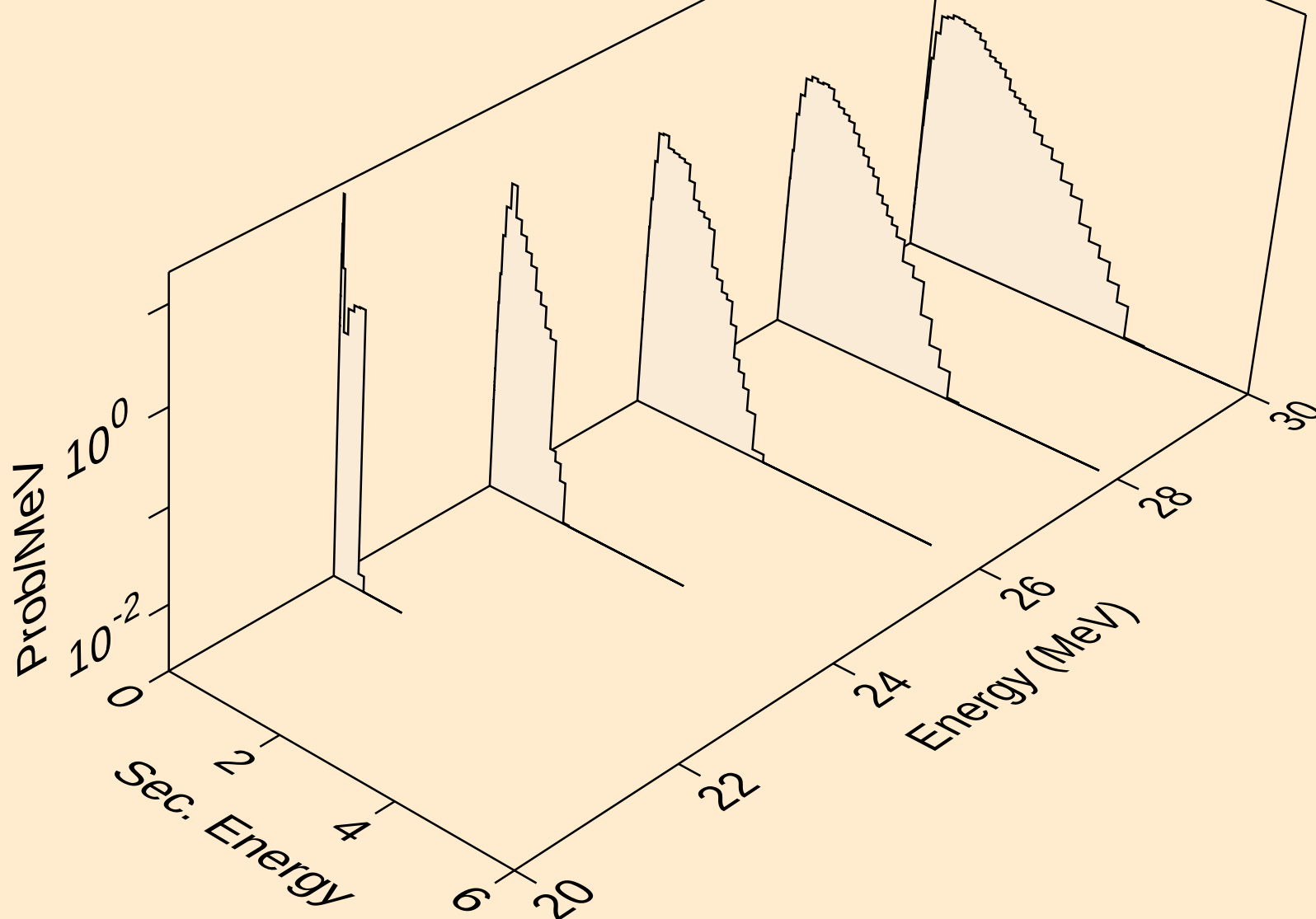
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



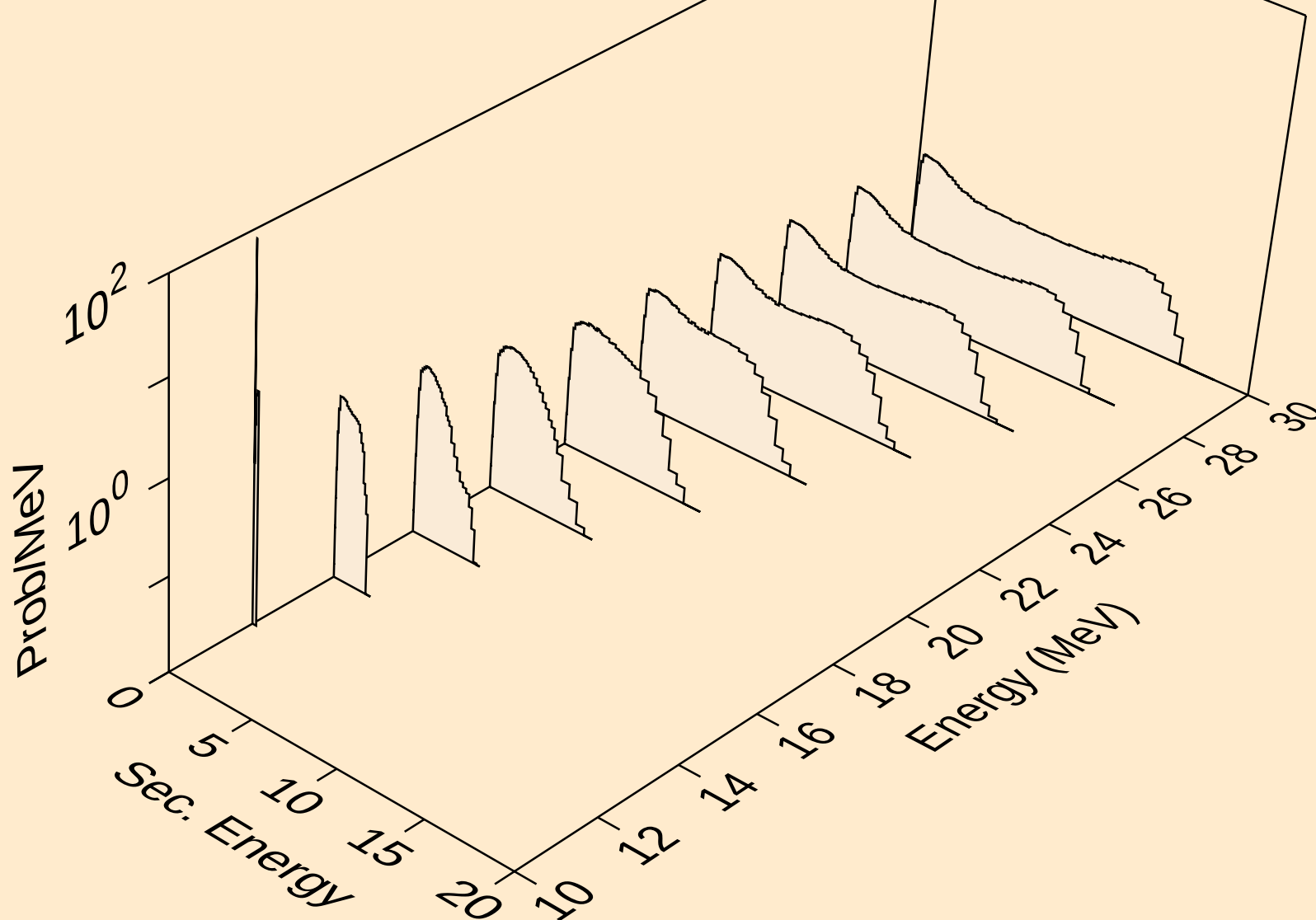
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



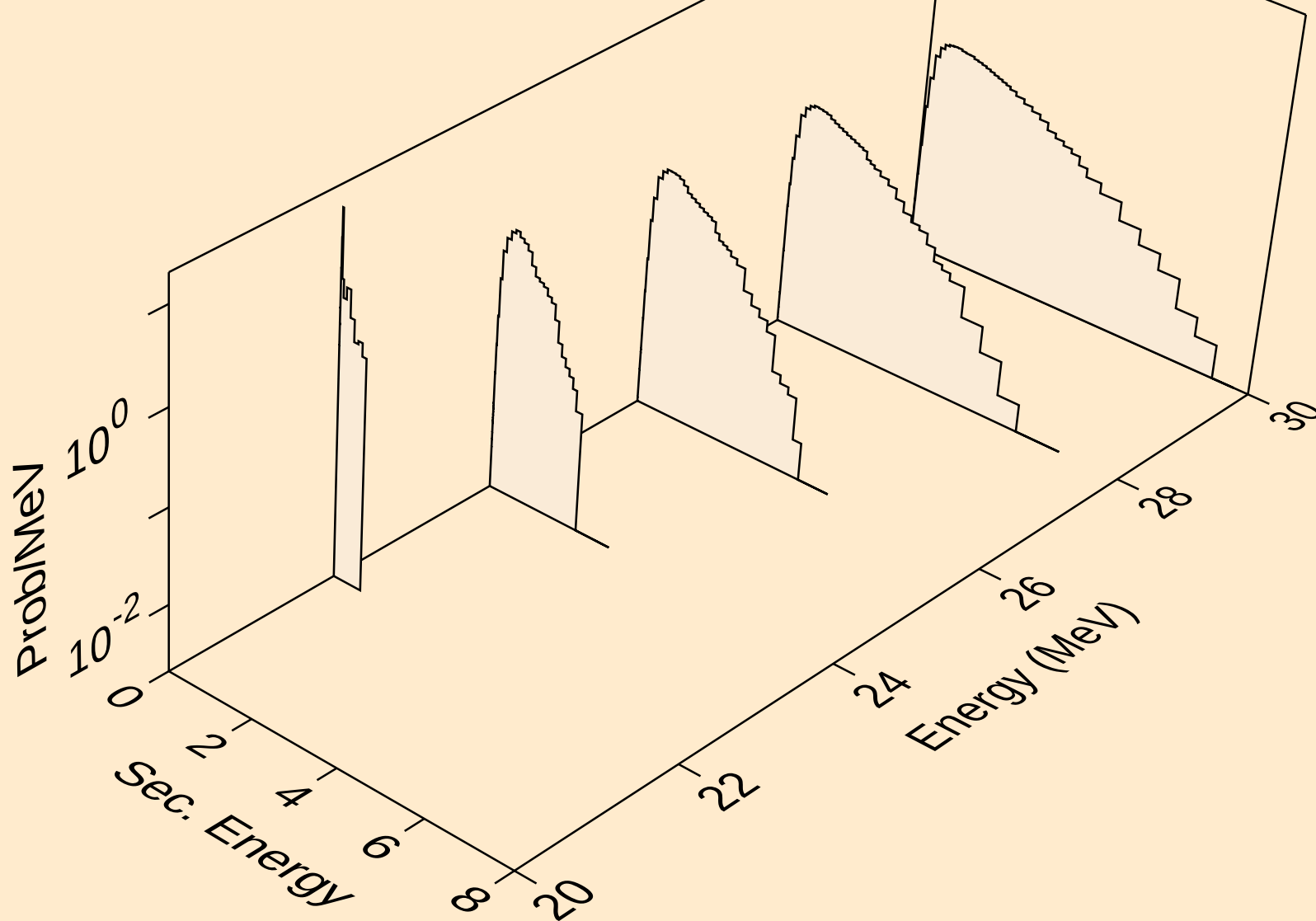
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



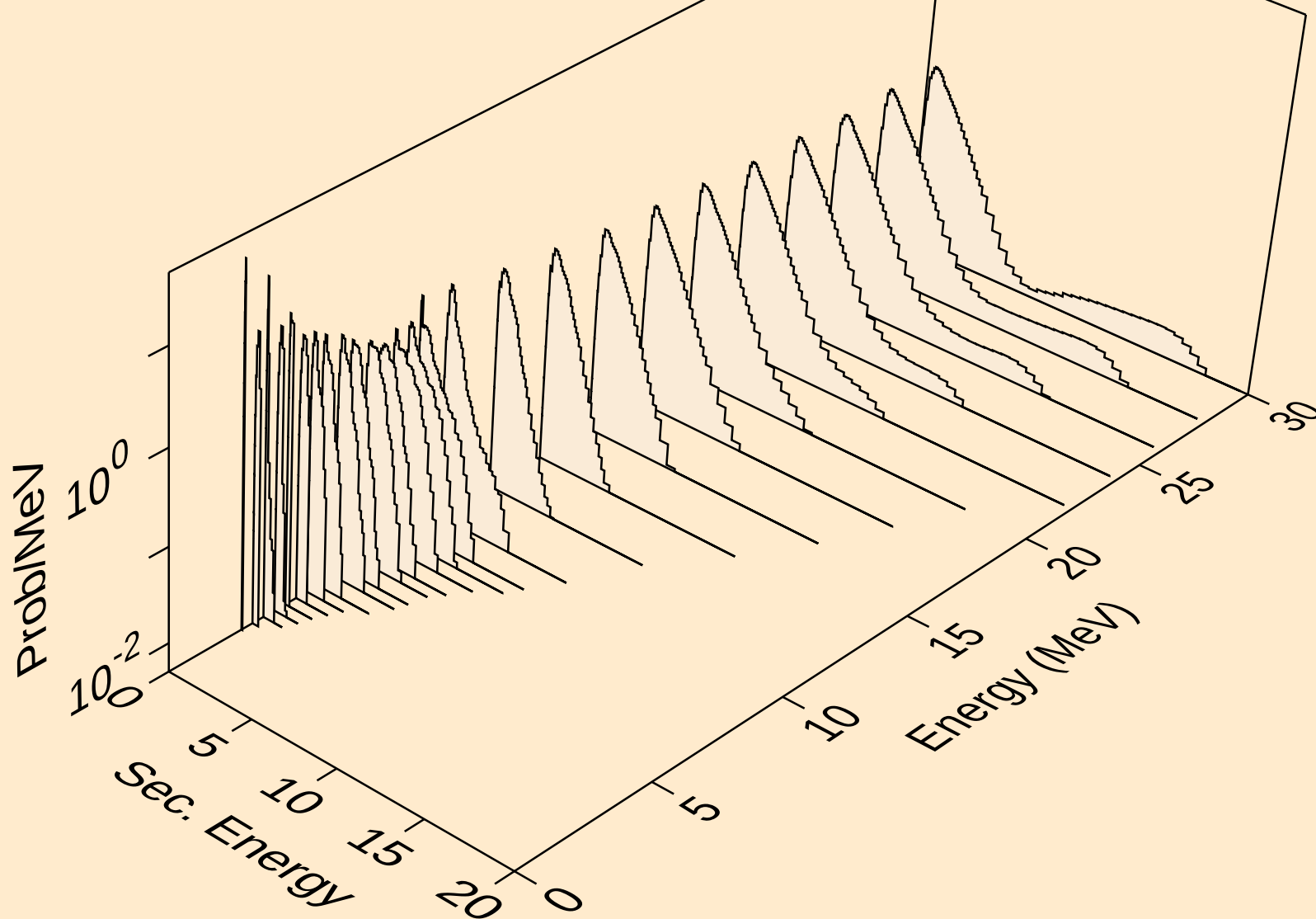
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



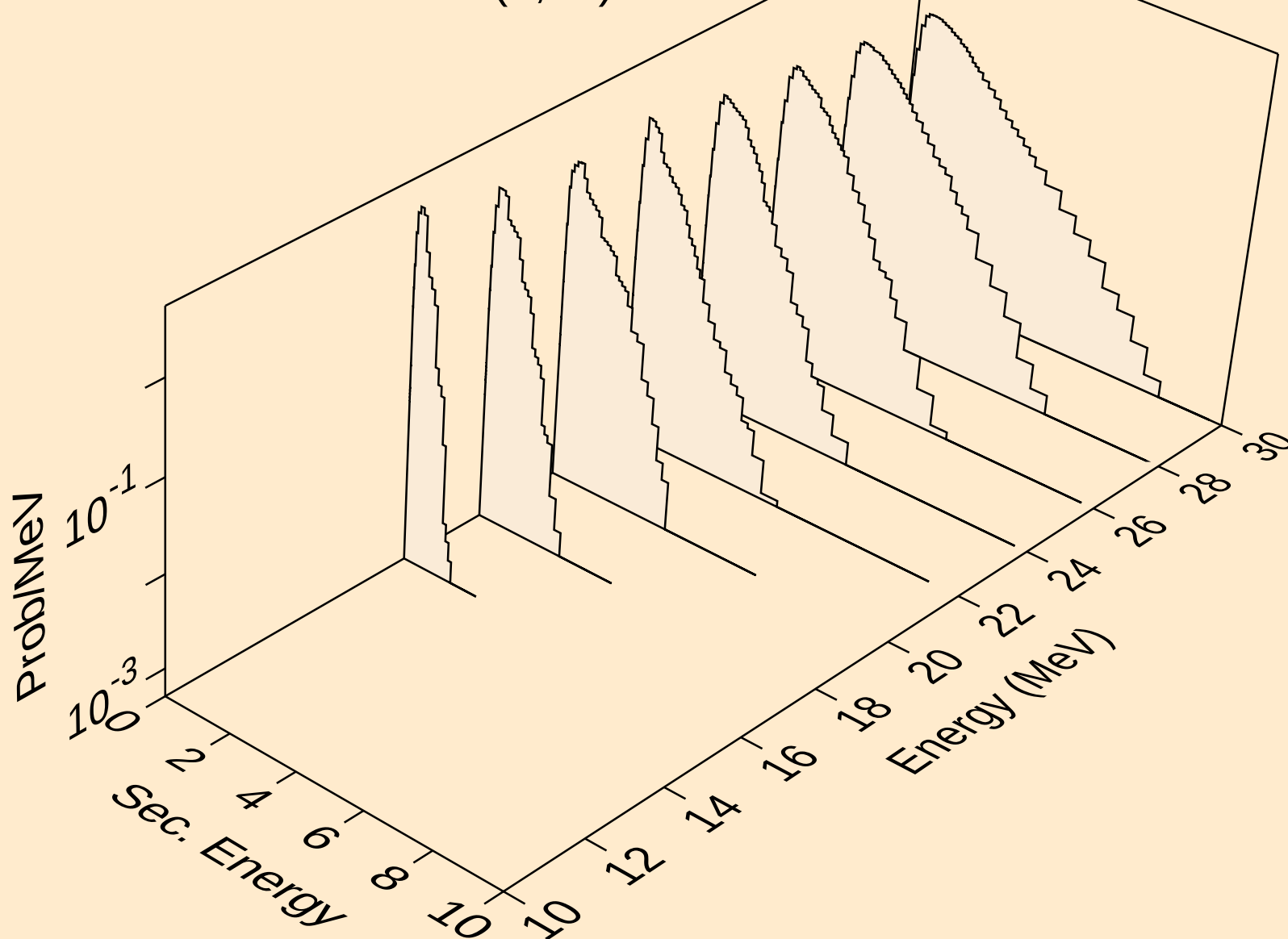
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



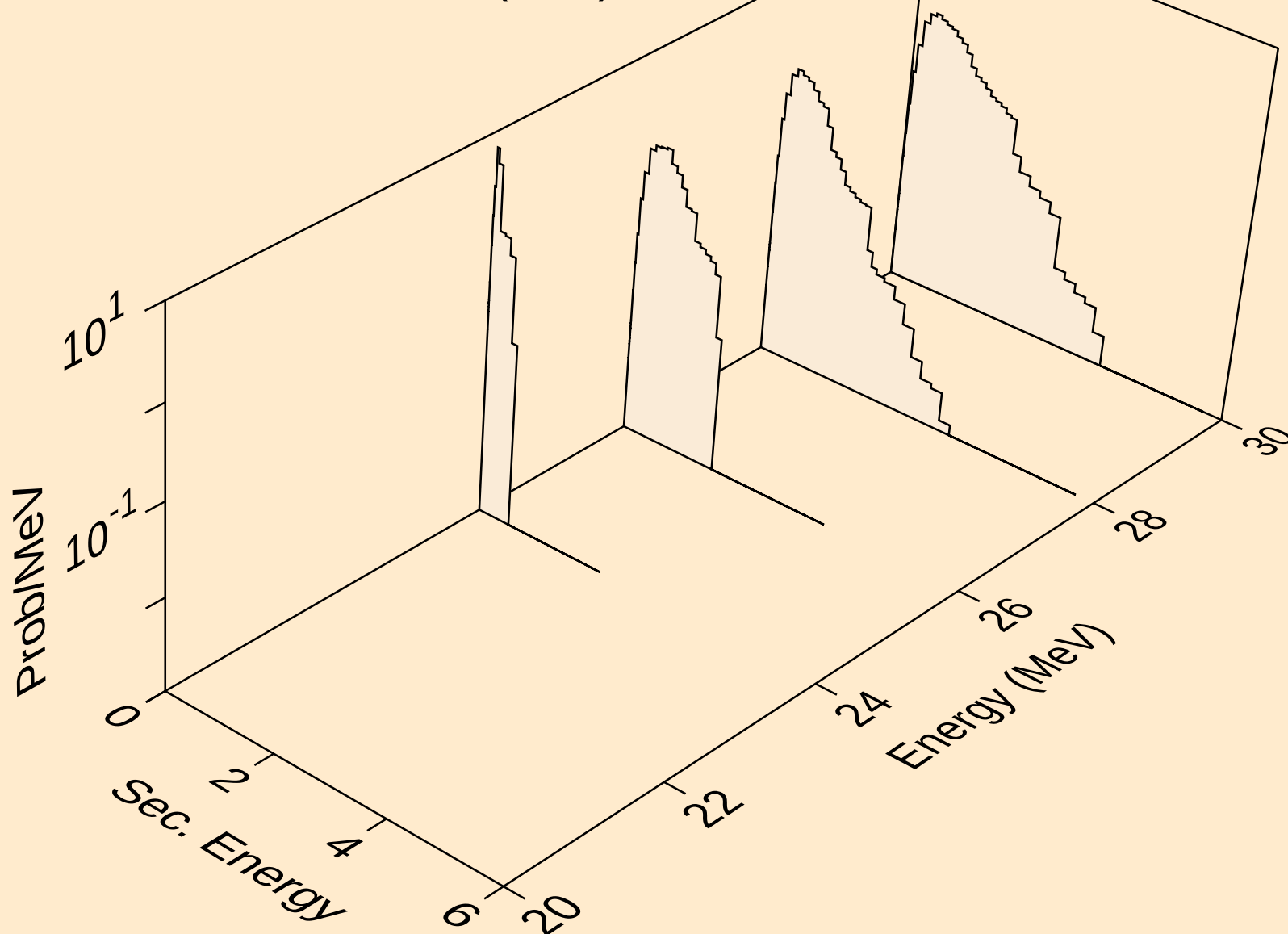
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



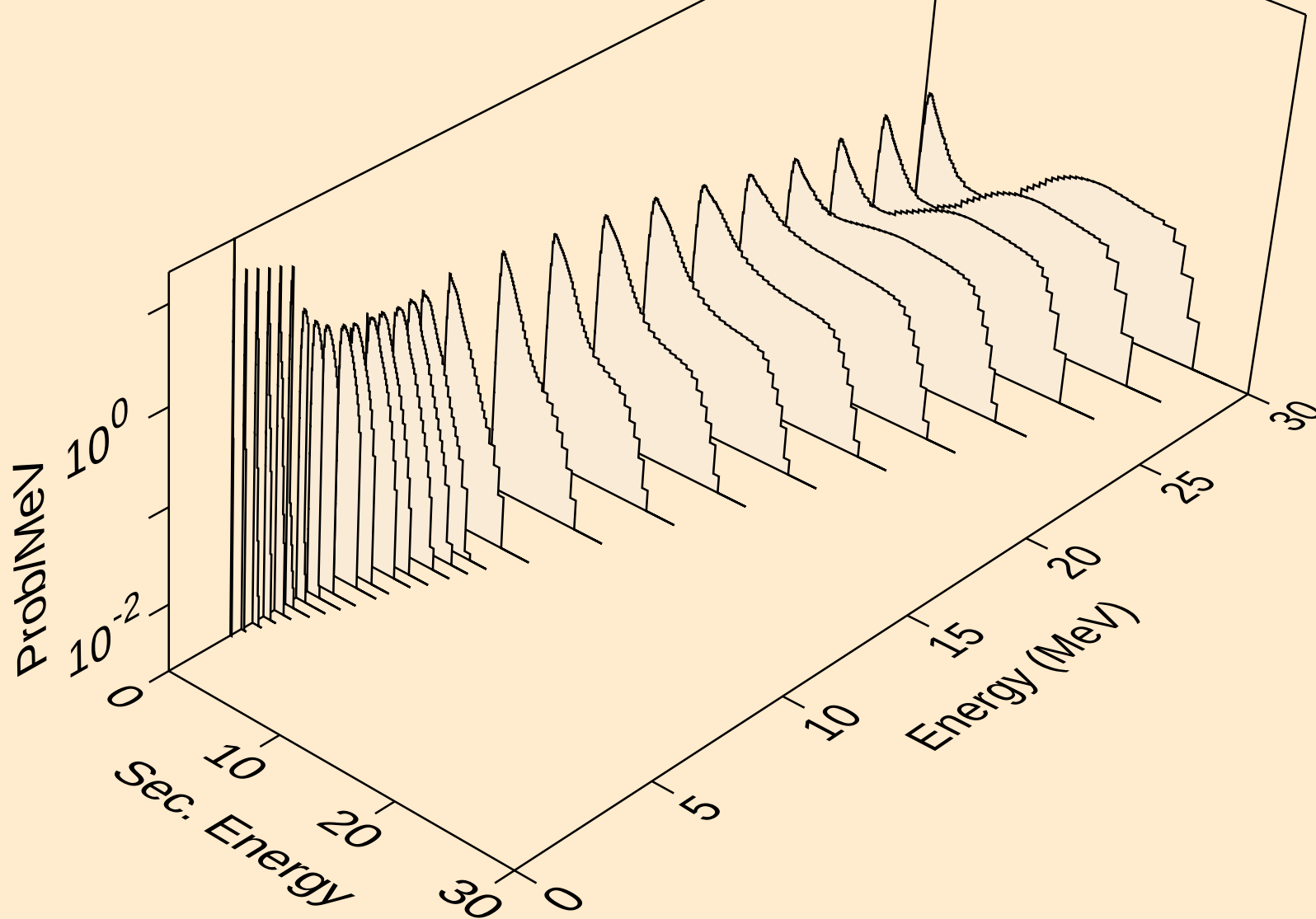
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)_a



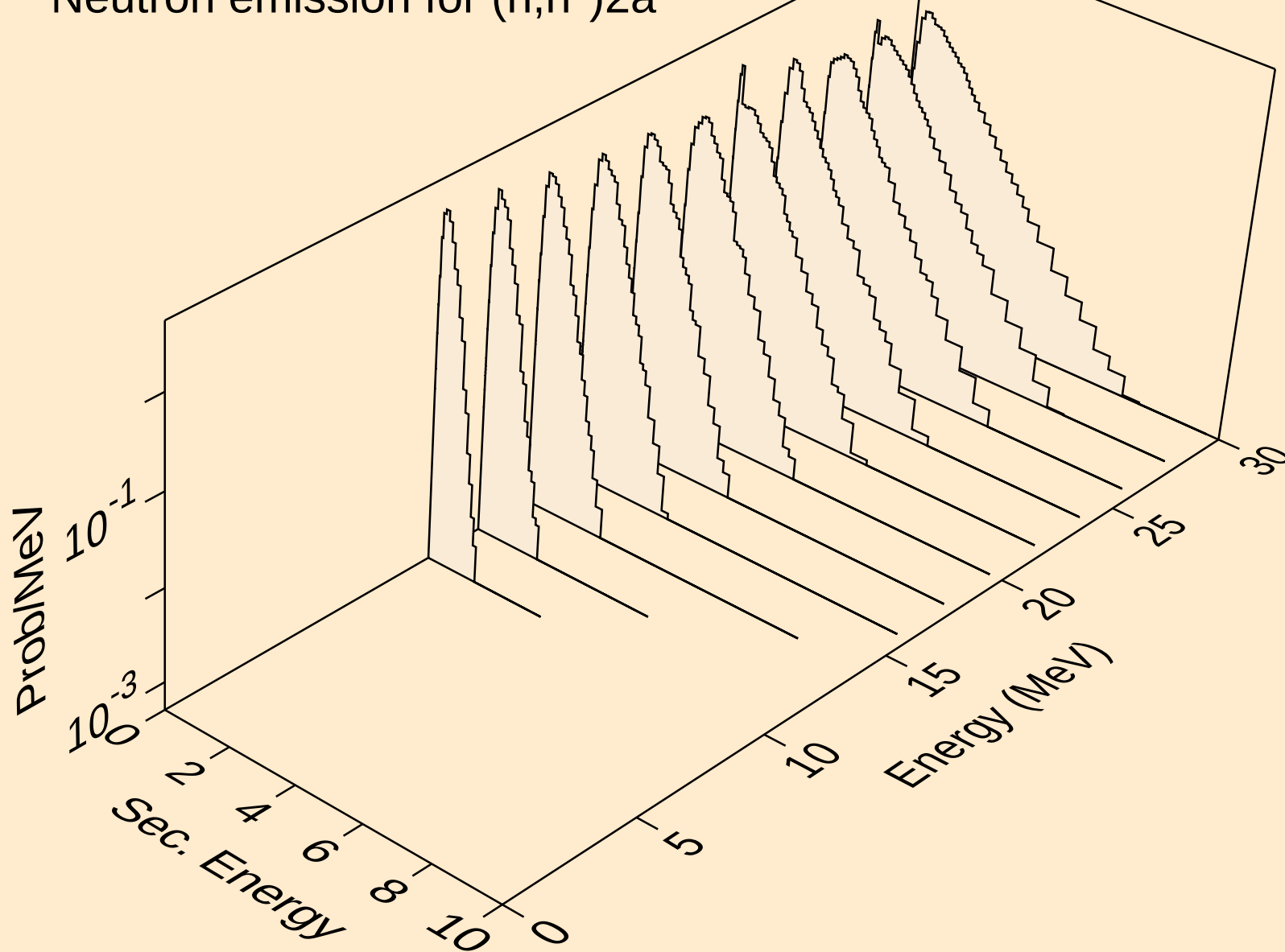
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



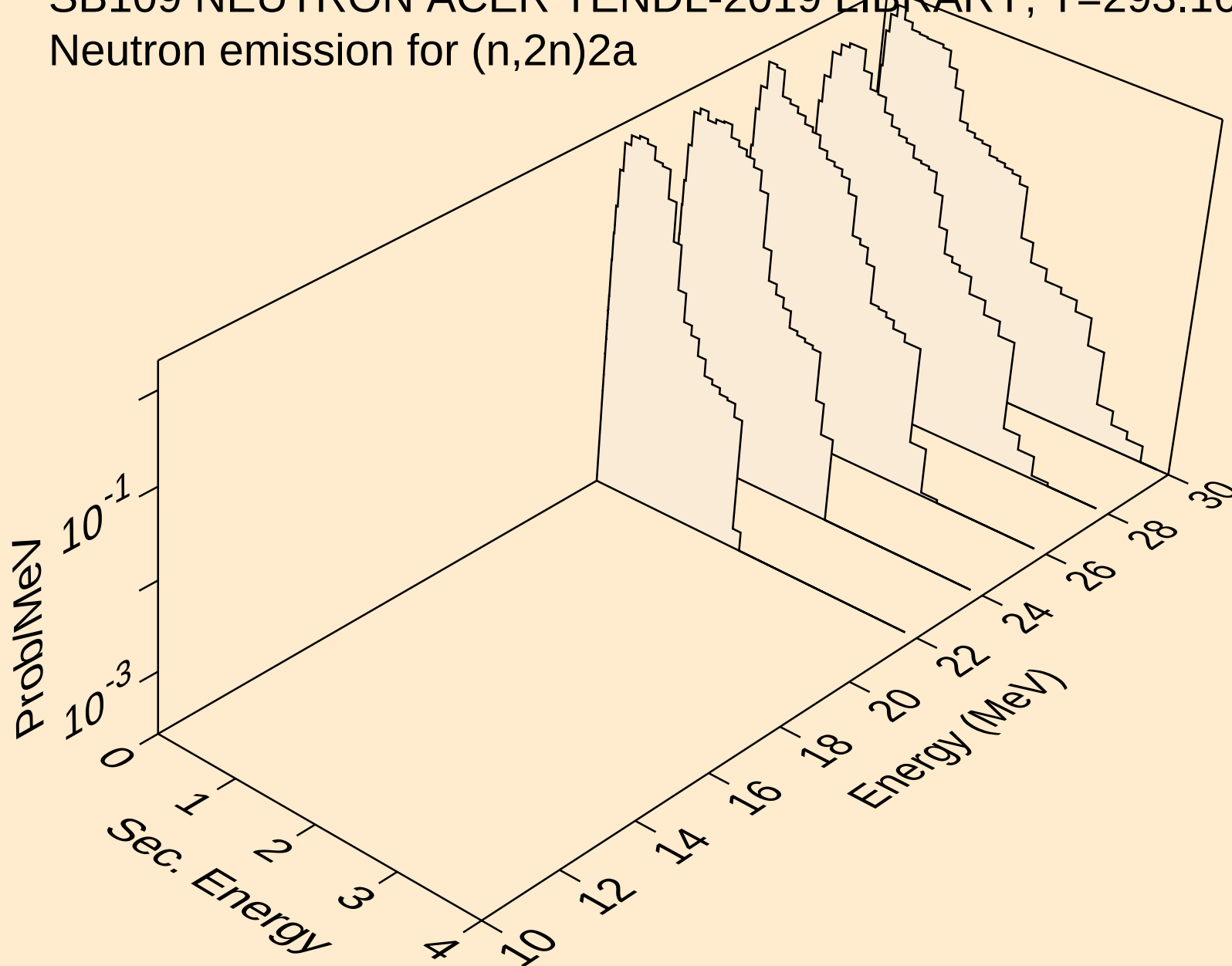
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



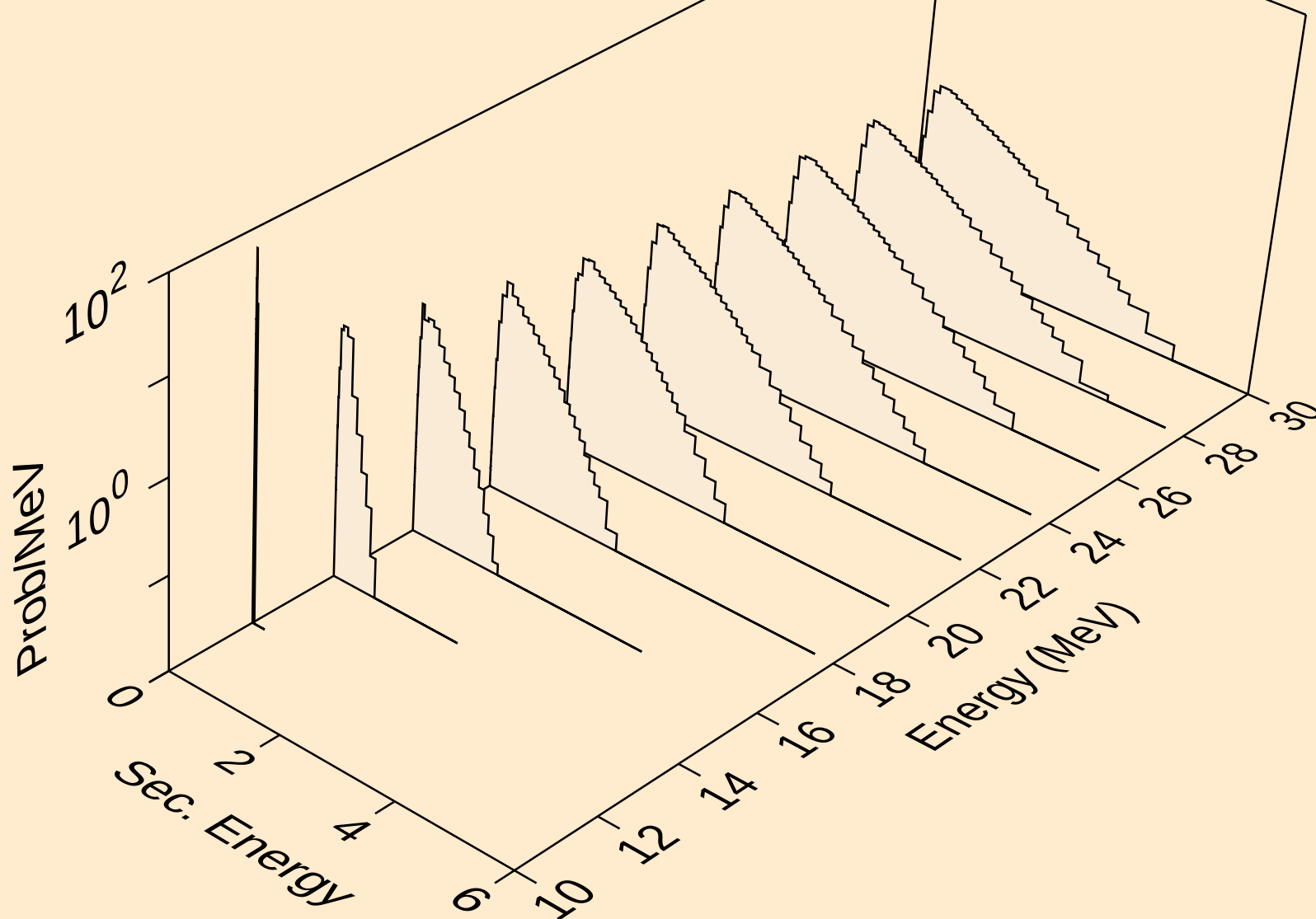
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



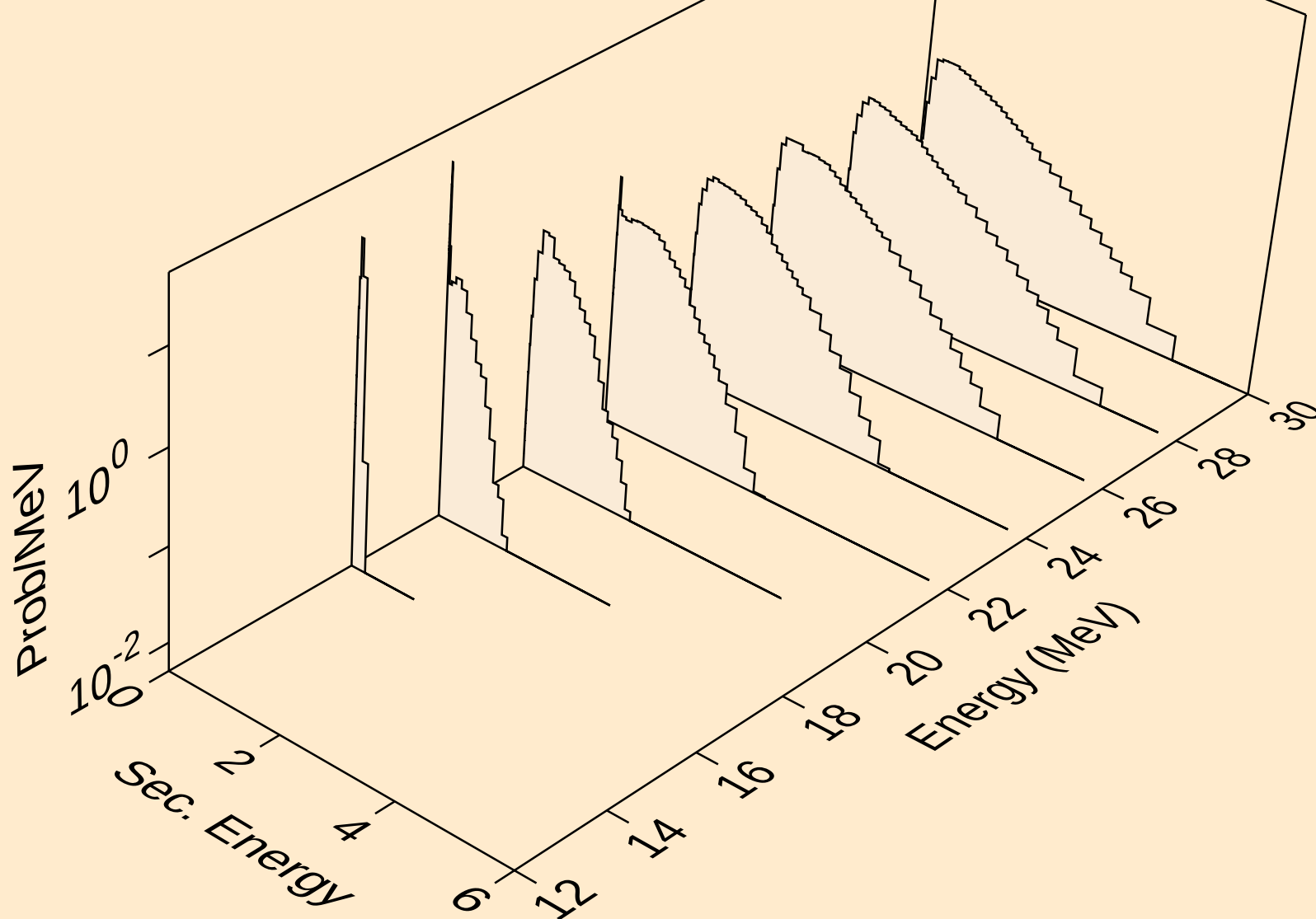
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



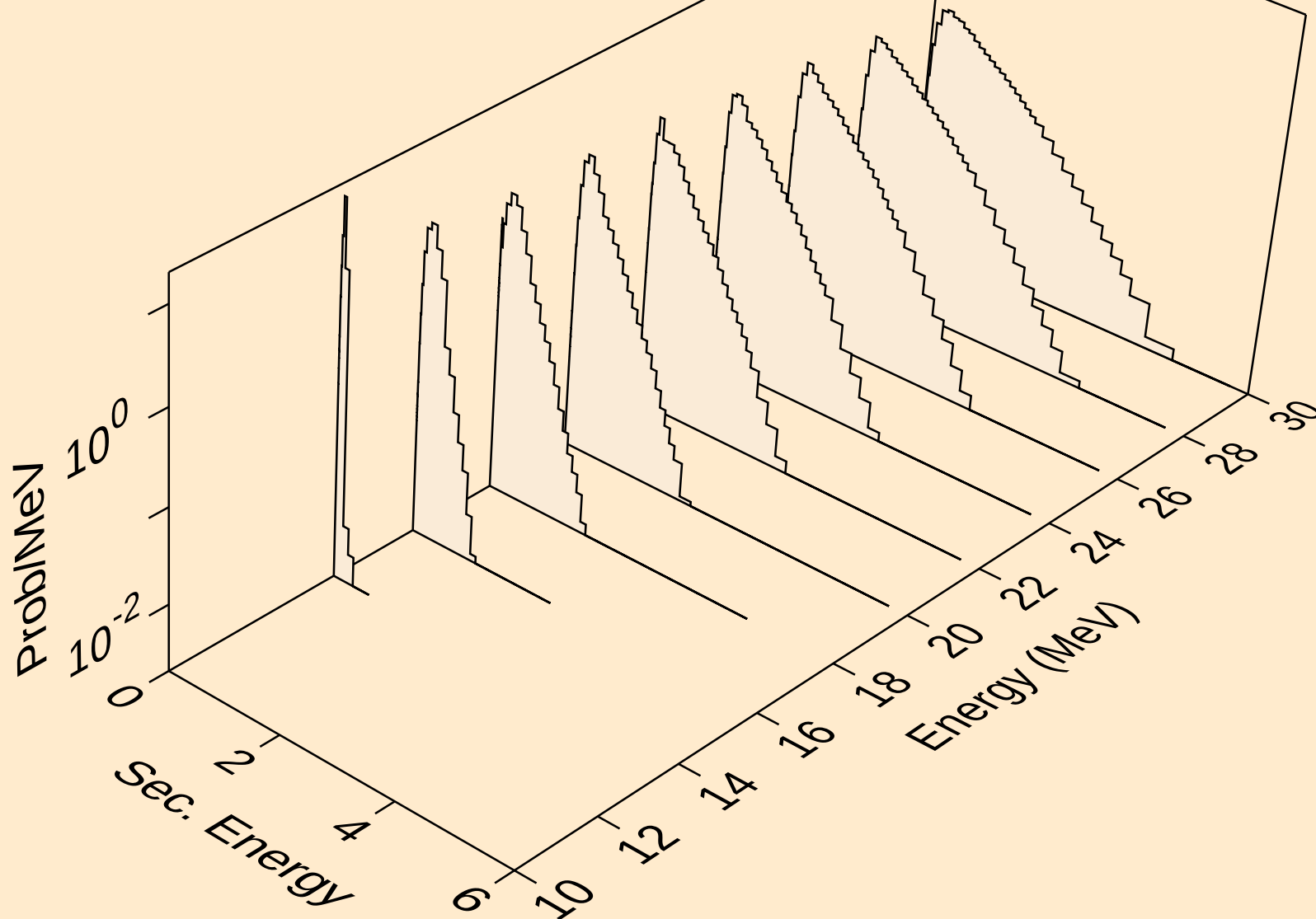
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



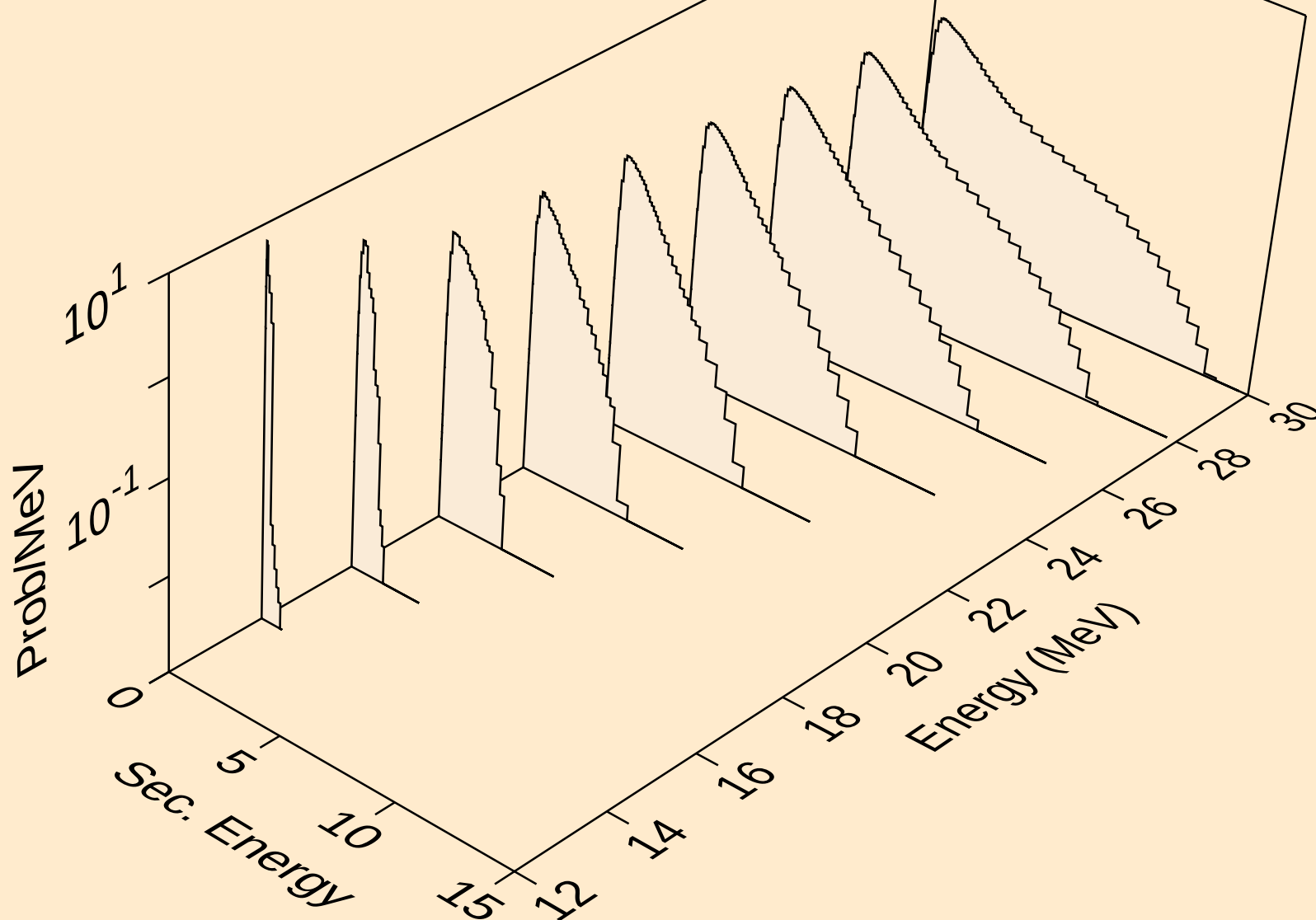
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



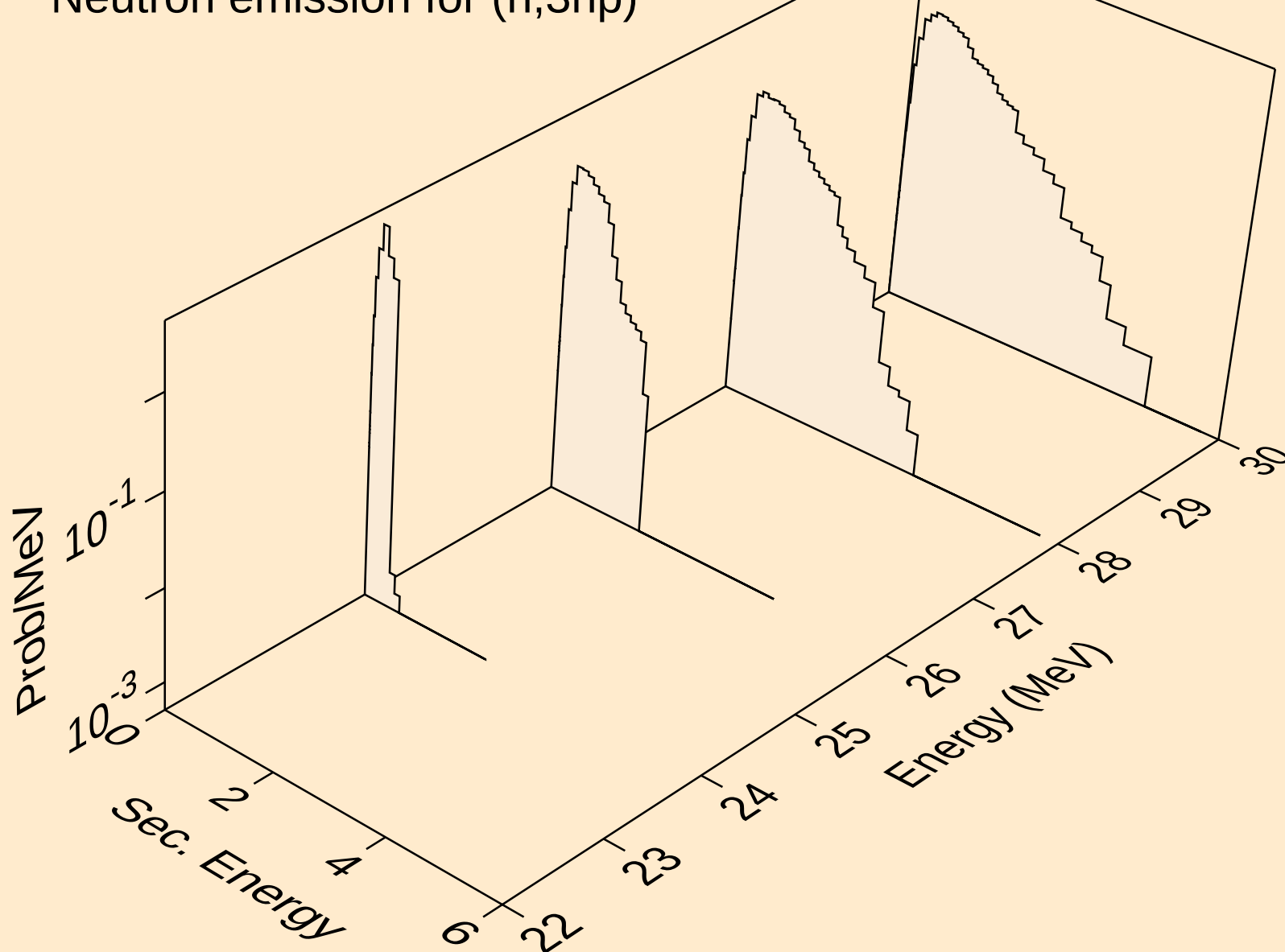
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



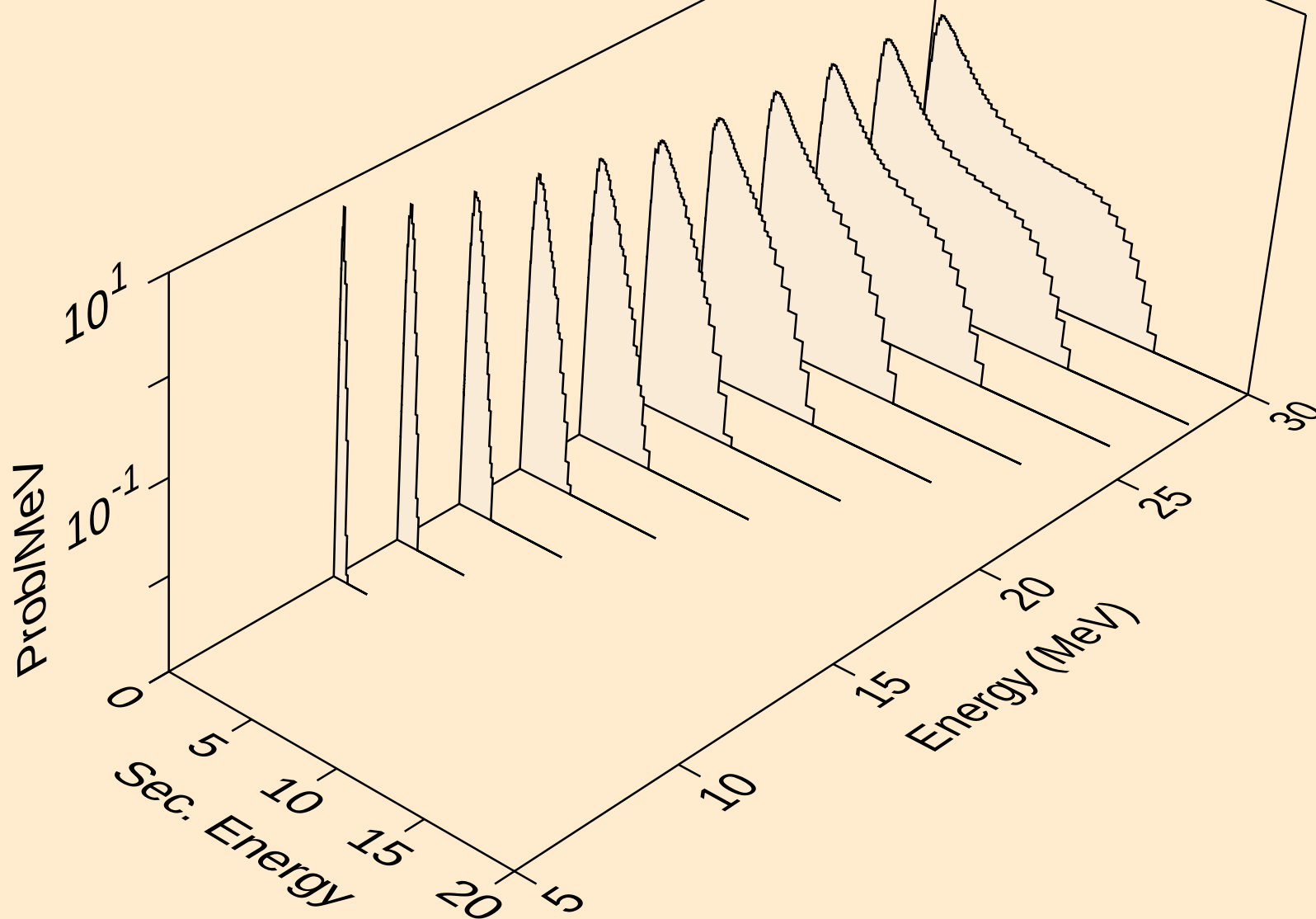
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



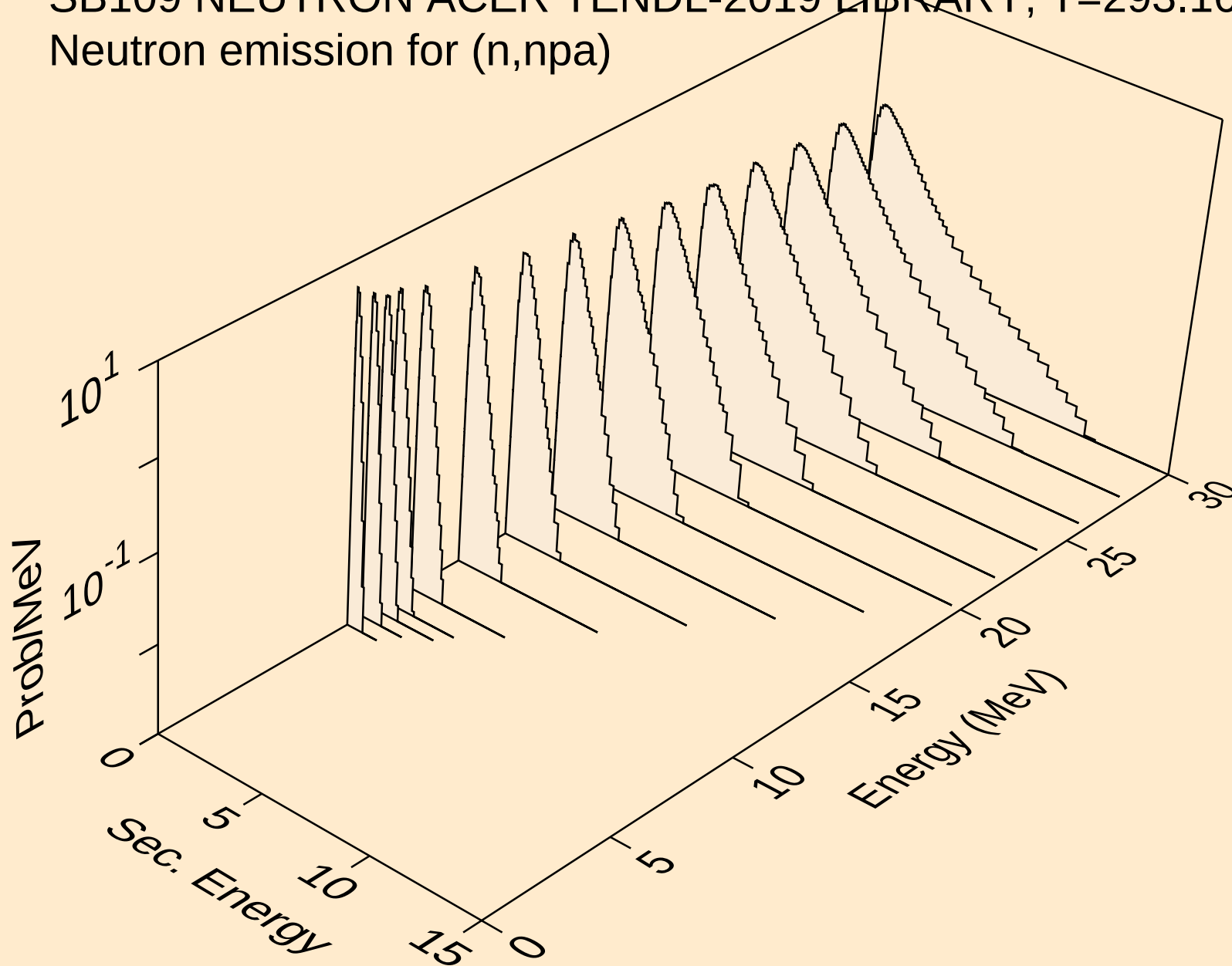
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Neutron emission for (n,3np)



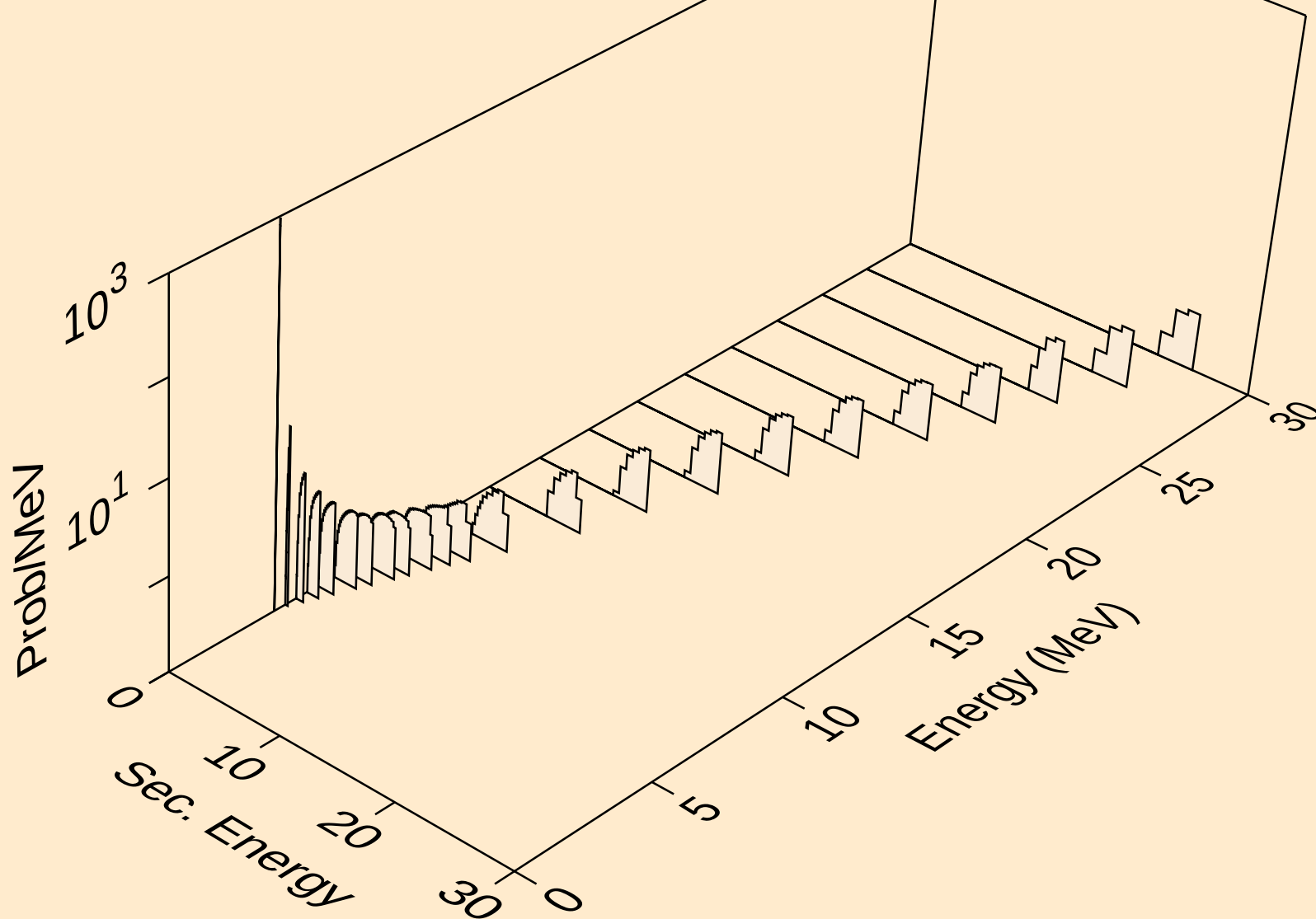
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Neutron emission for (n,2np)



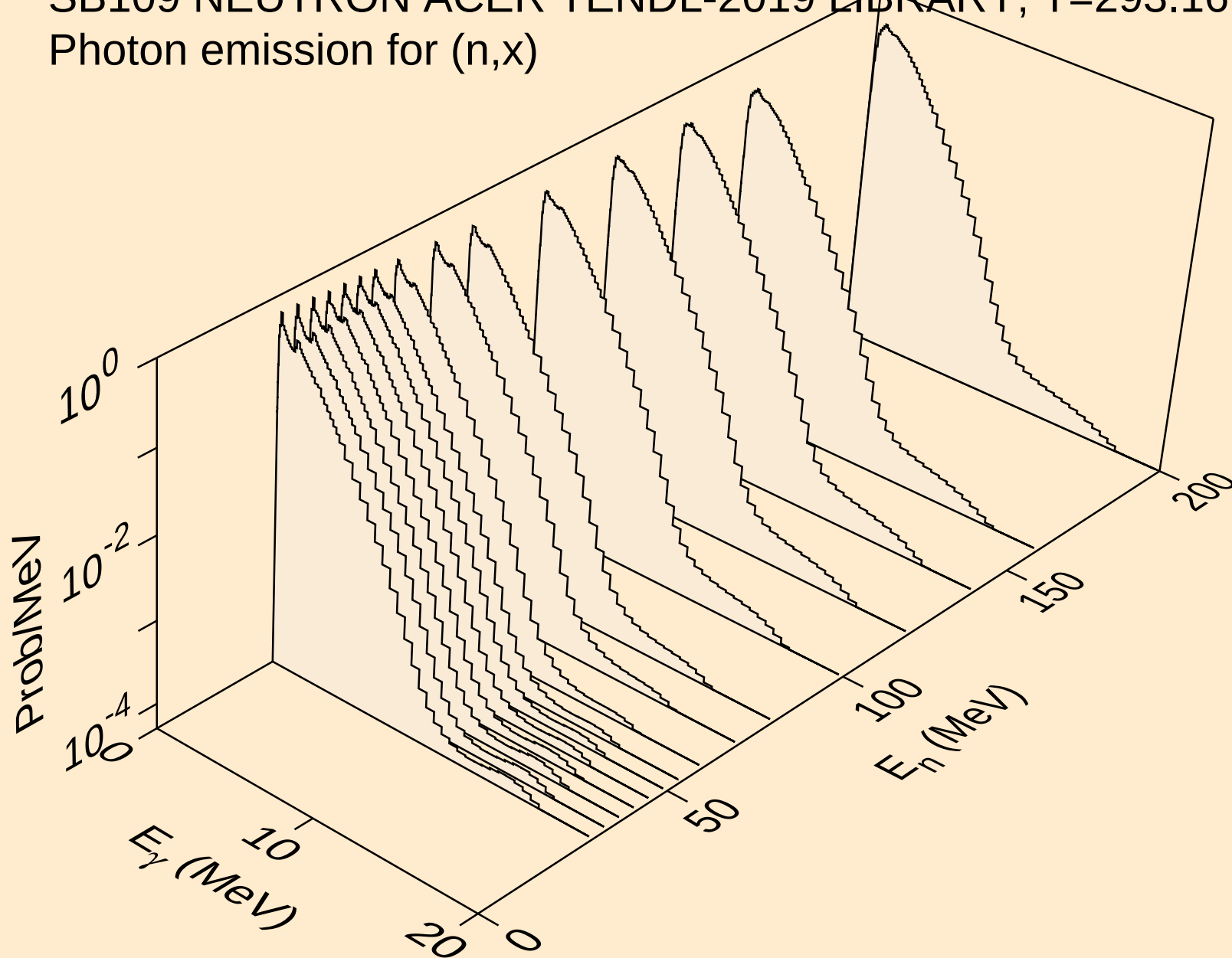
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



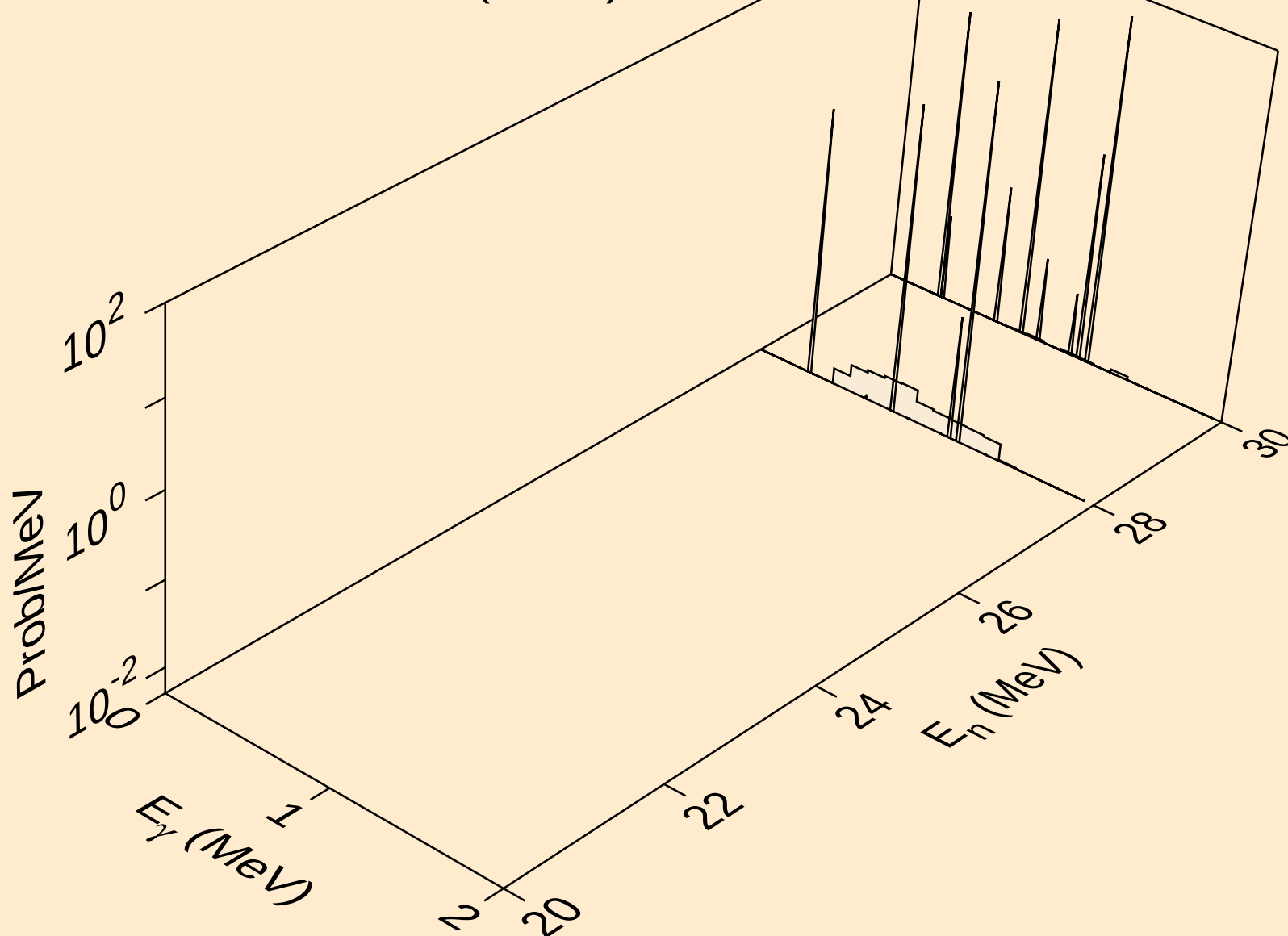
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



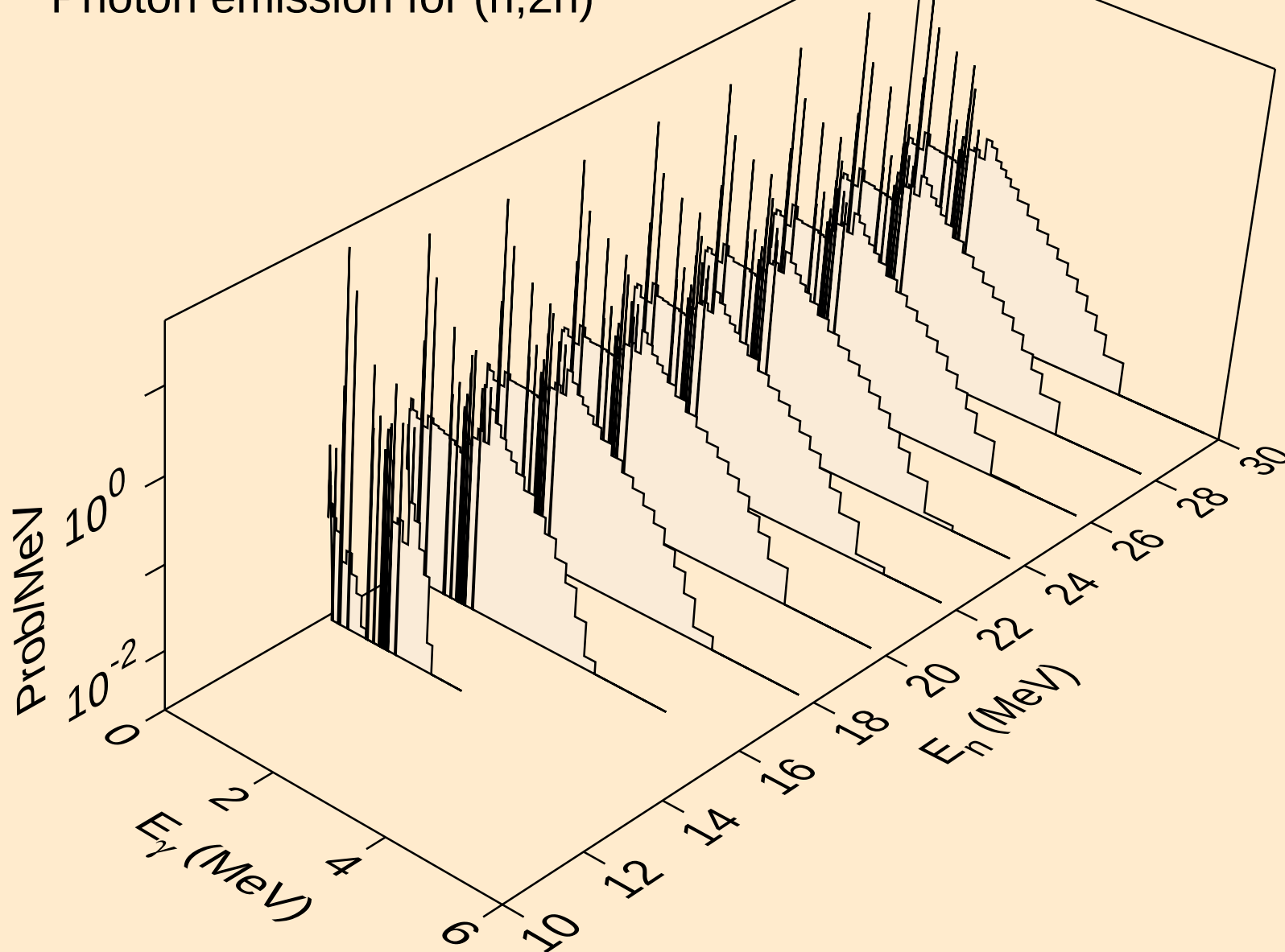
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



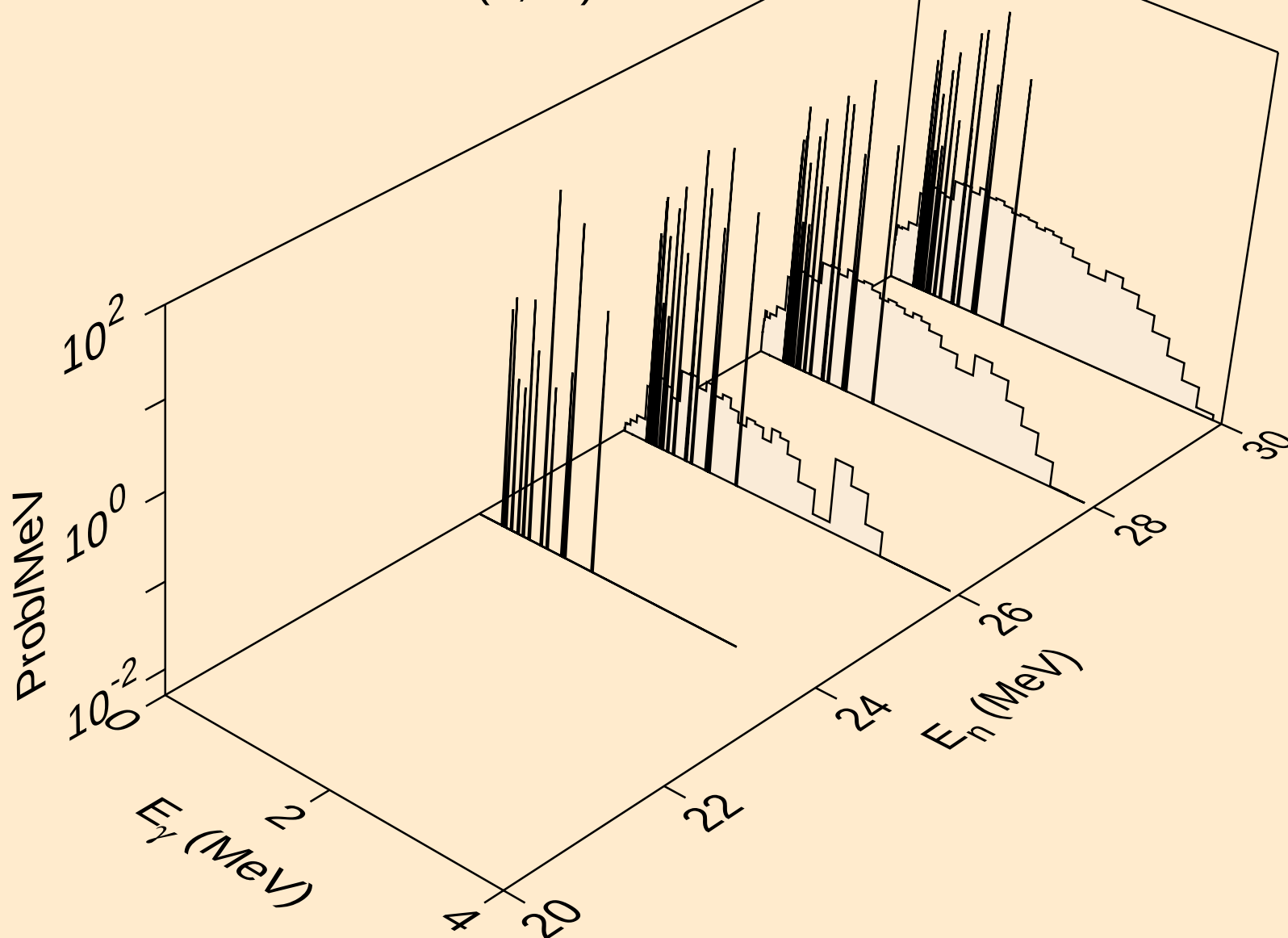
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



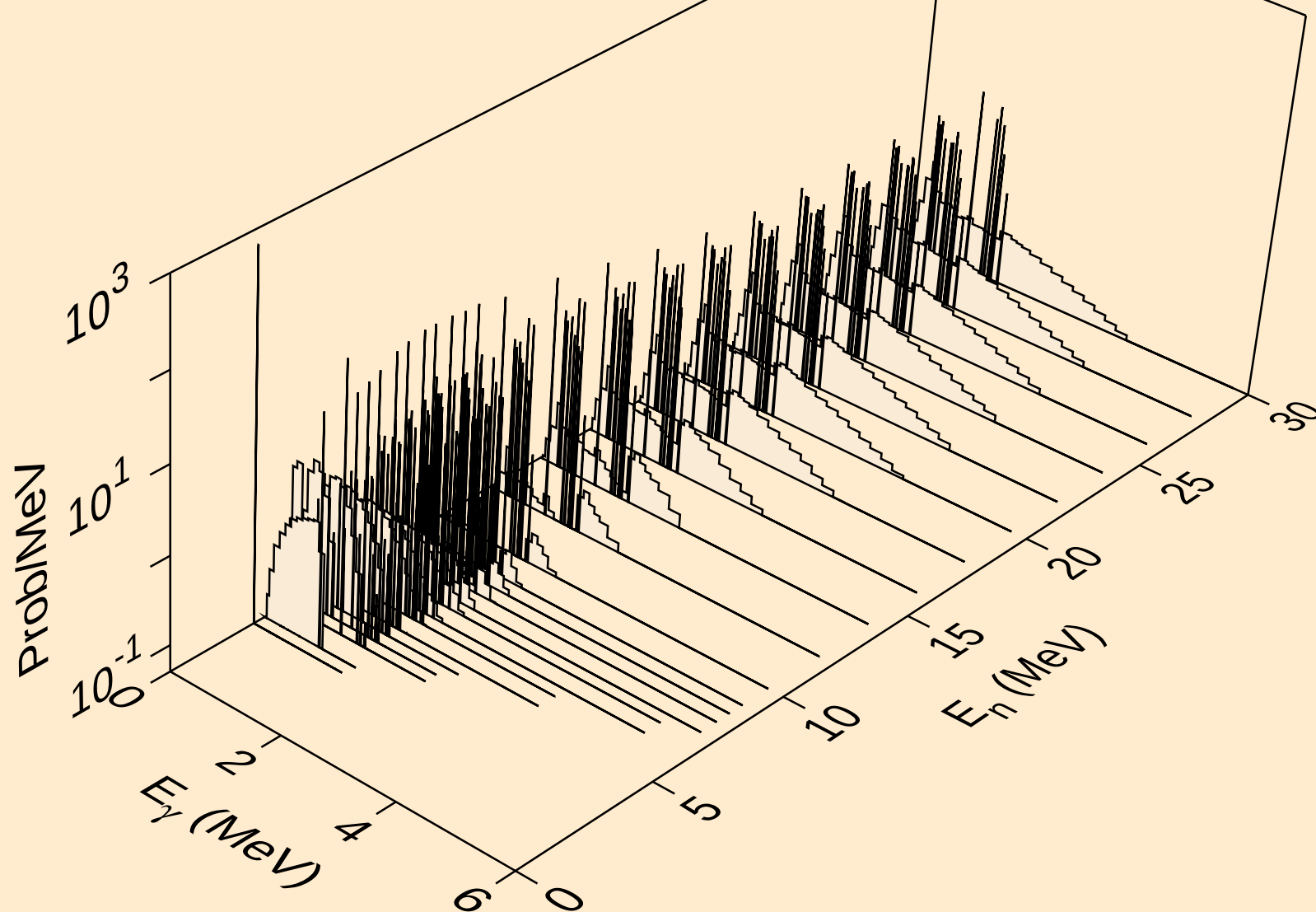
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



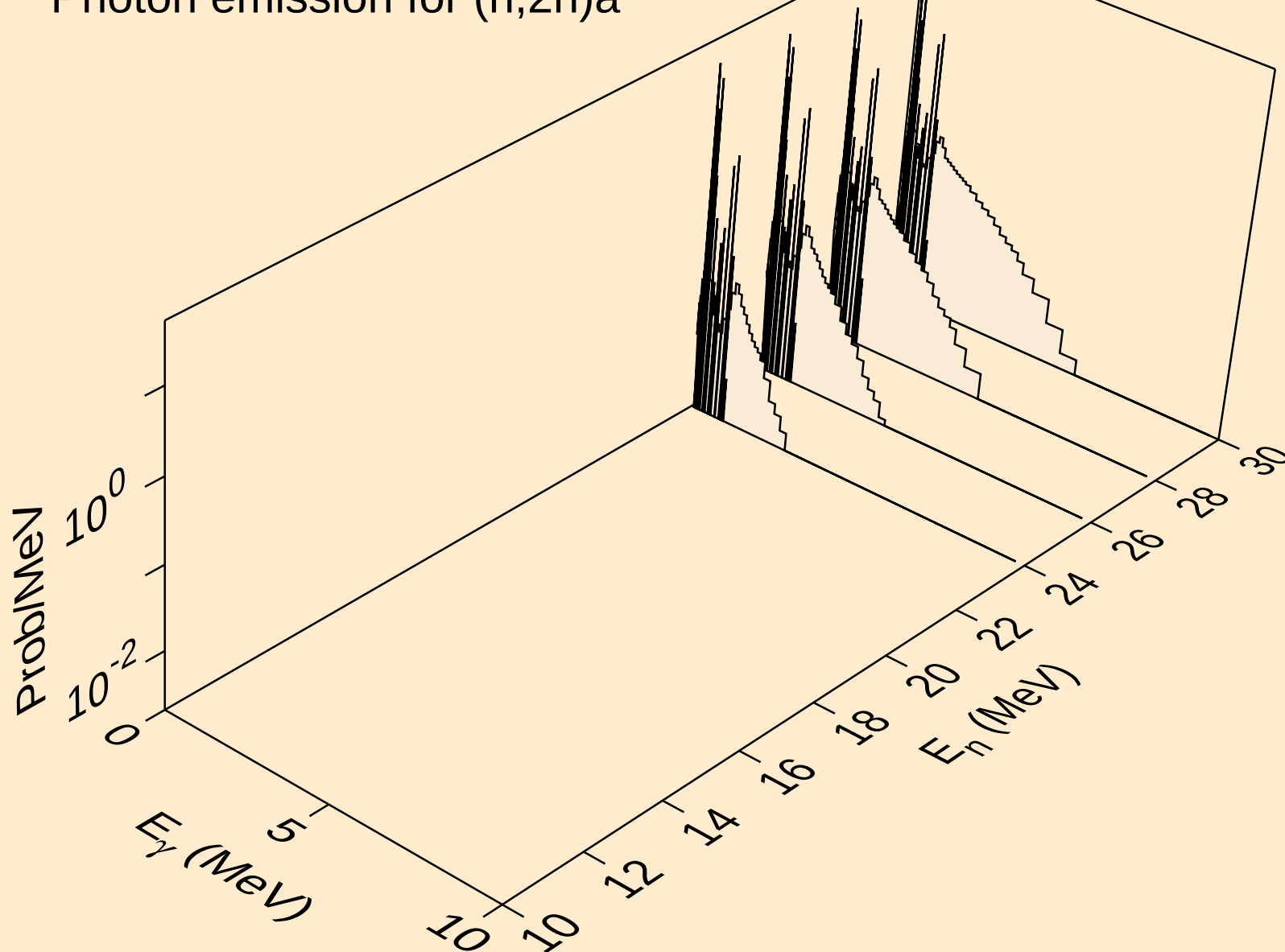
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



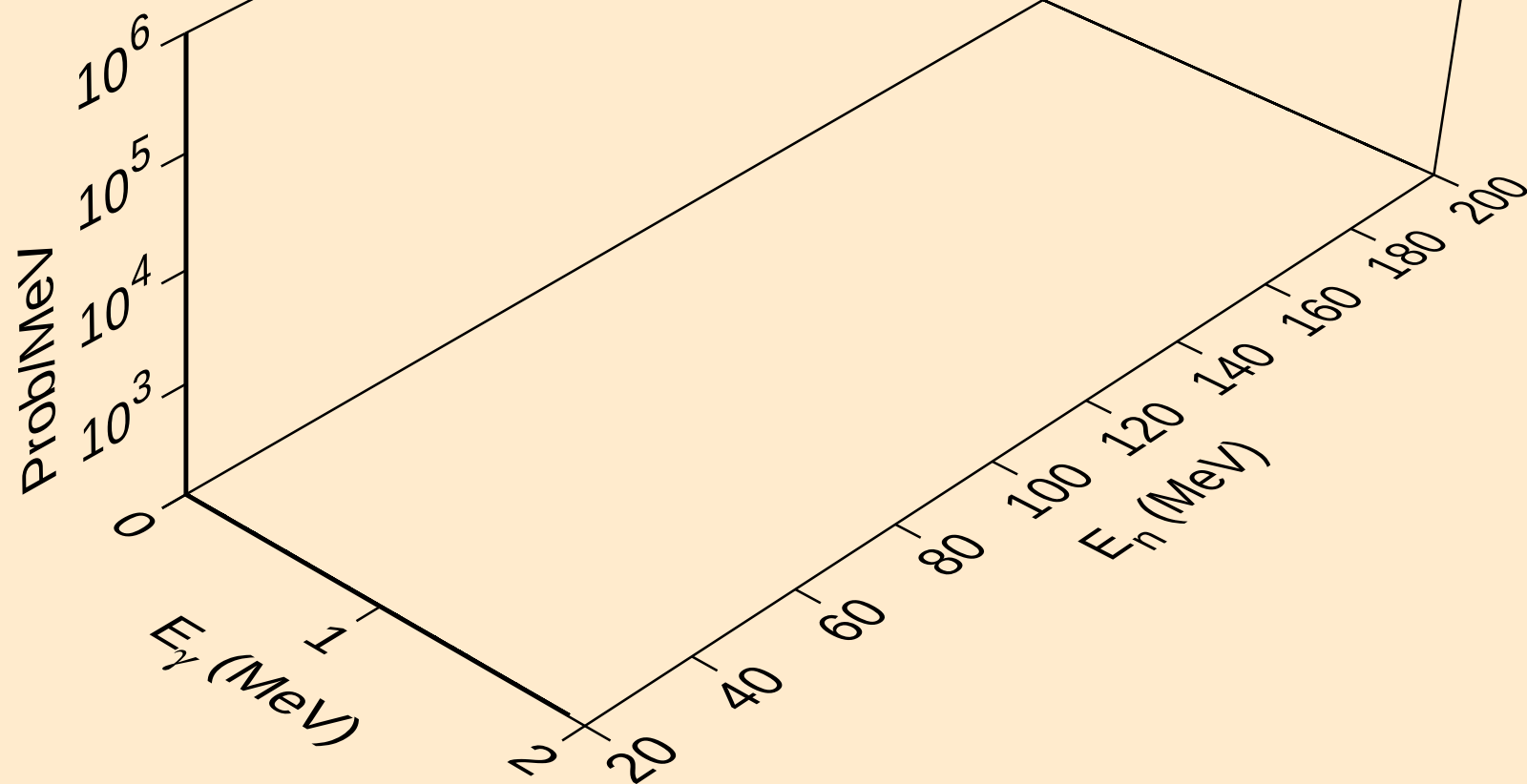
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



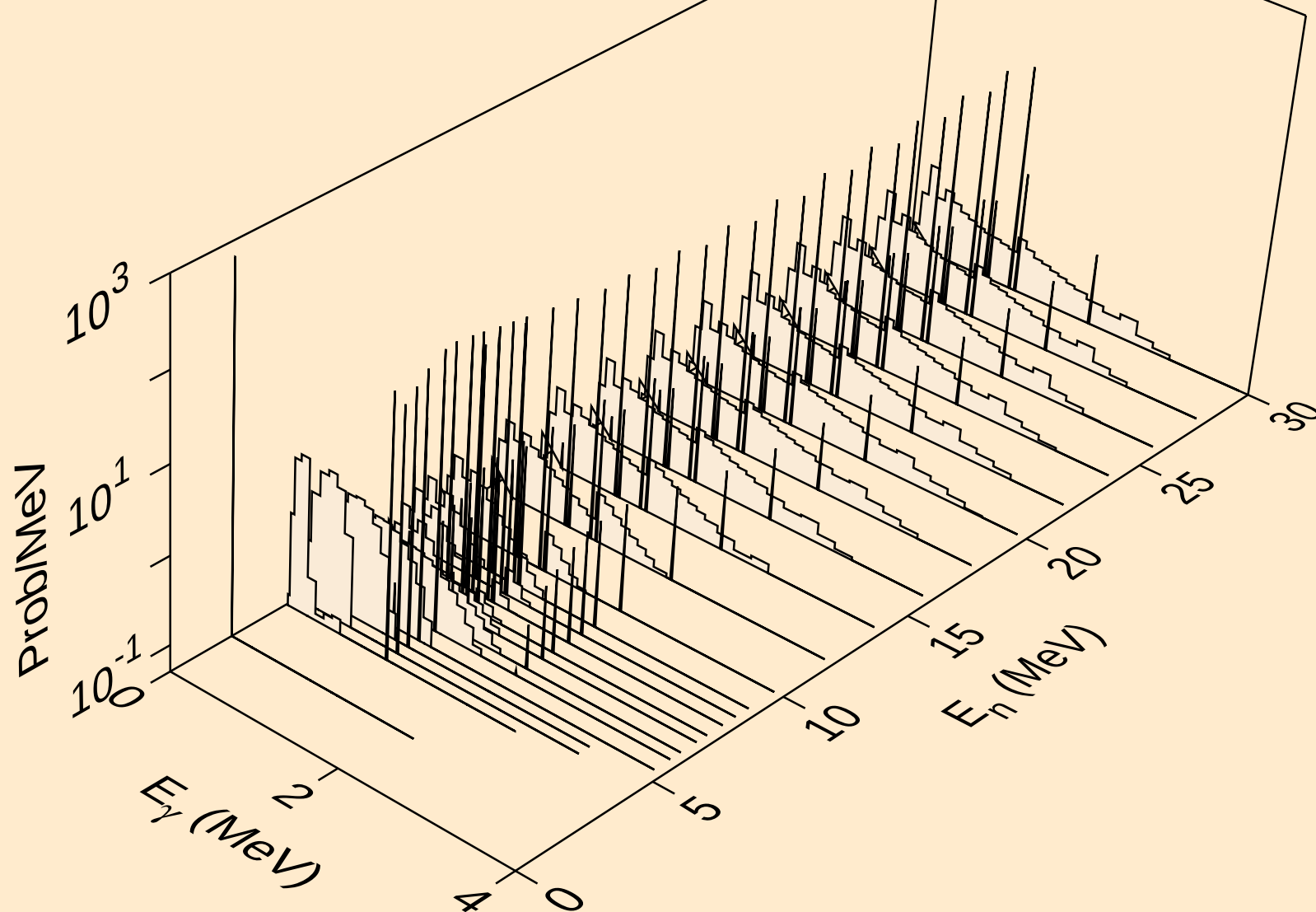
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Photon emission for (n,2n)a



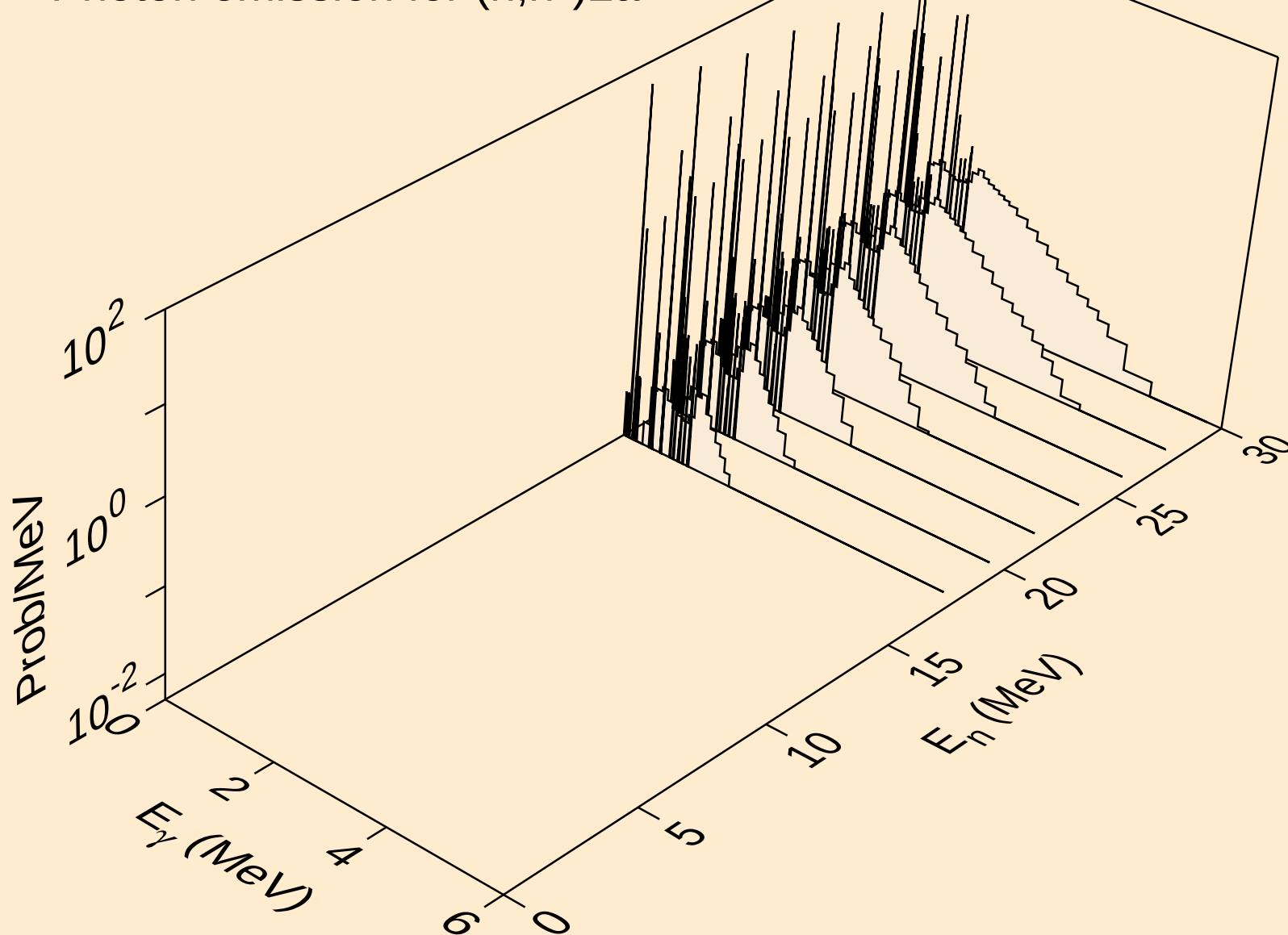
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



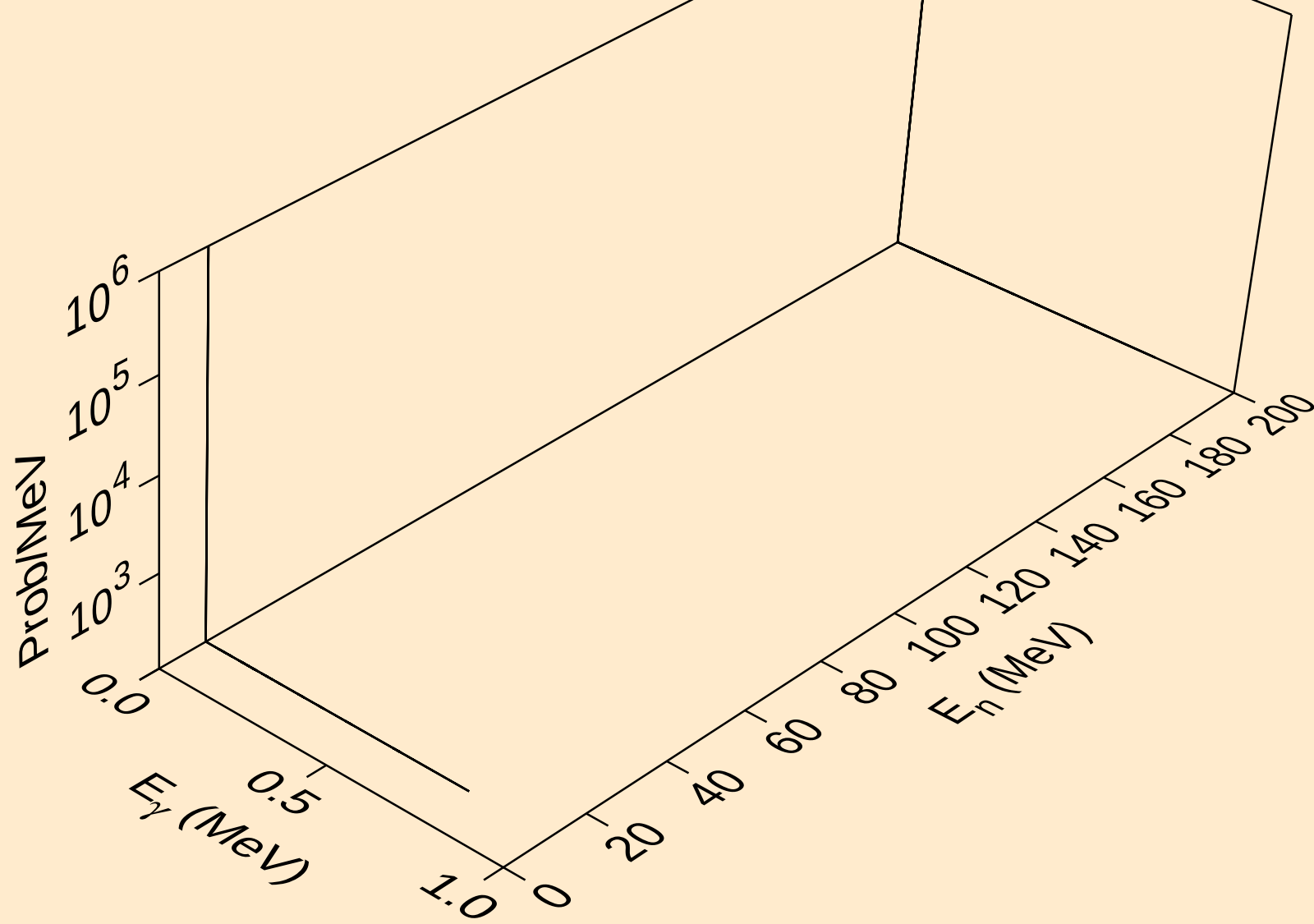
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



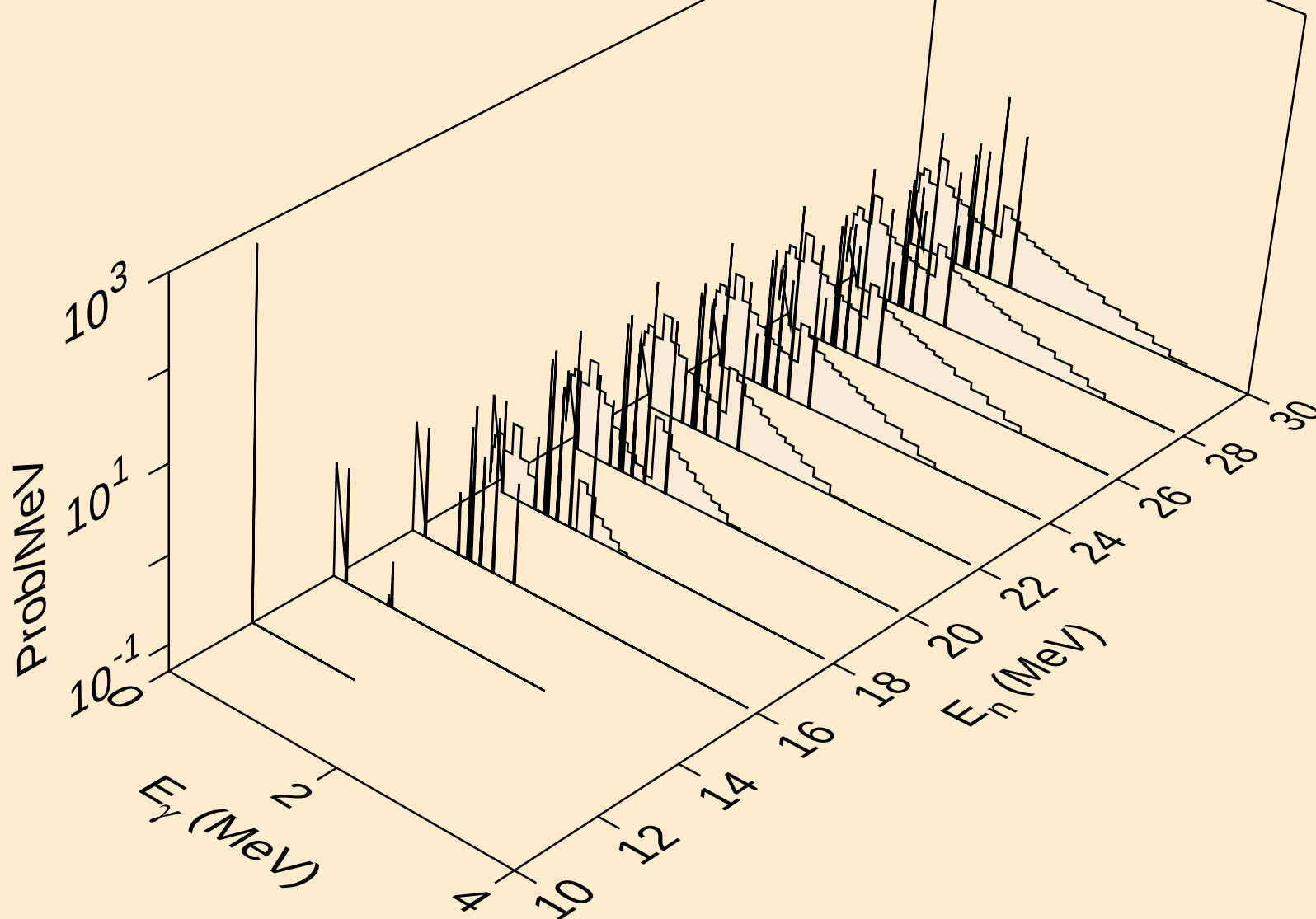
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



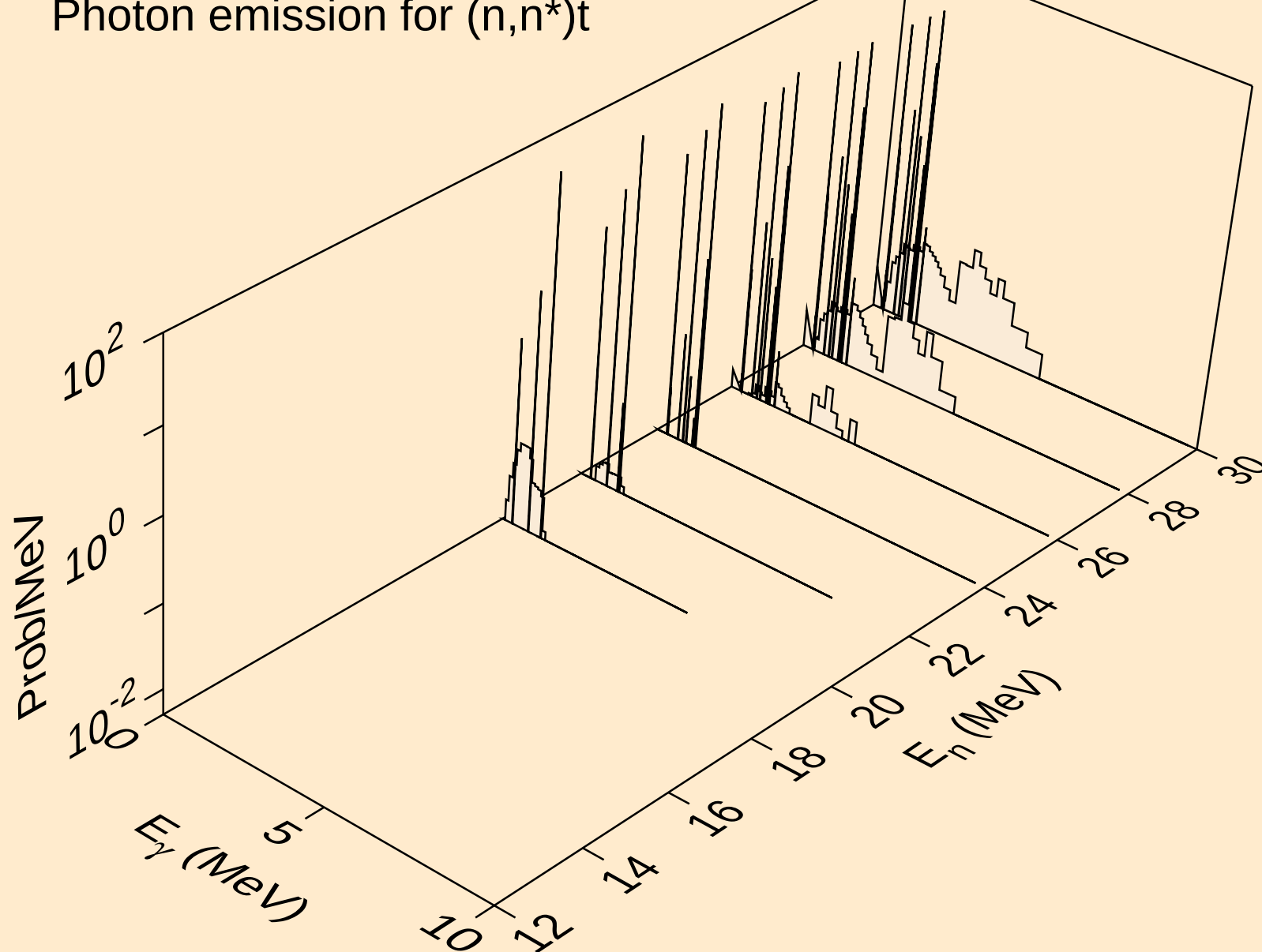
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Photon emission for (n,2n)2a



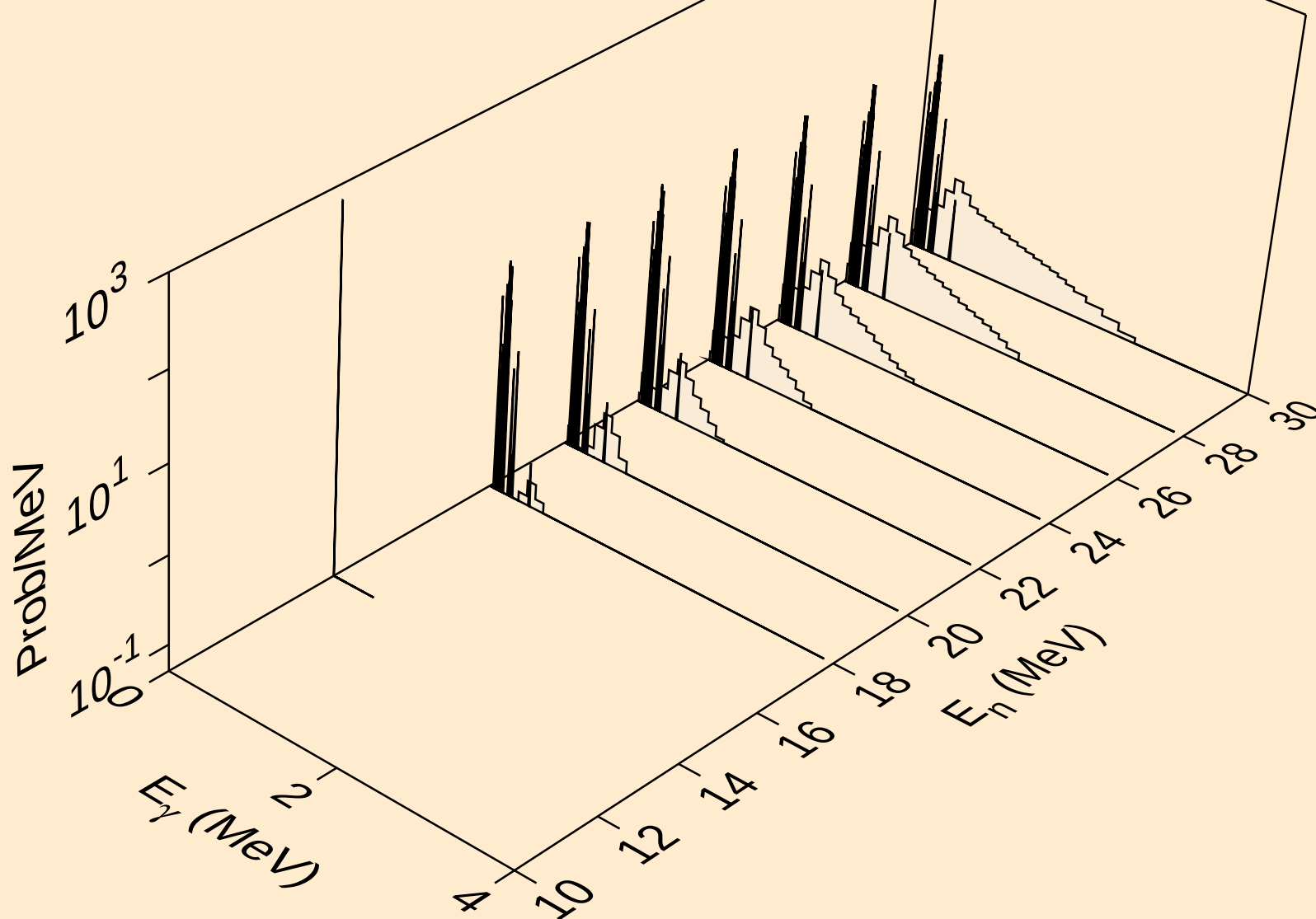
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



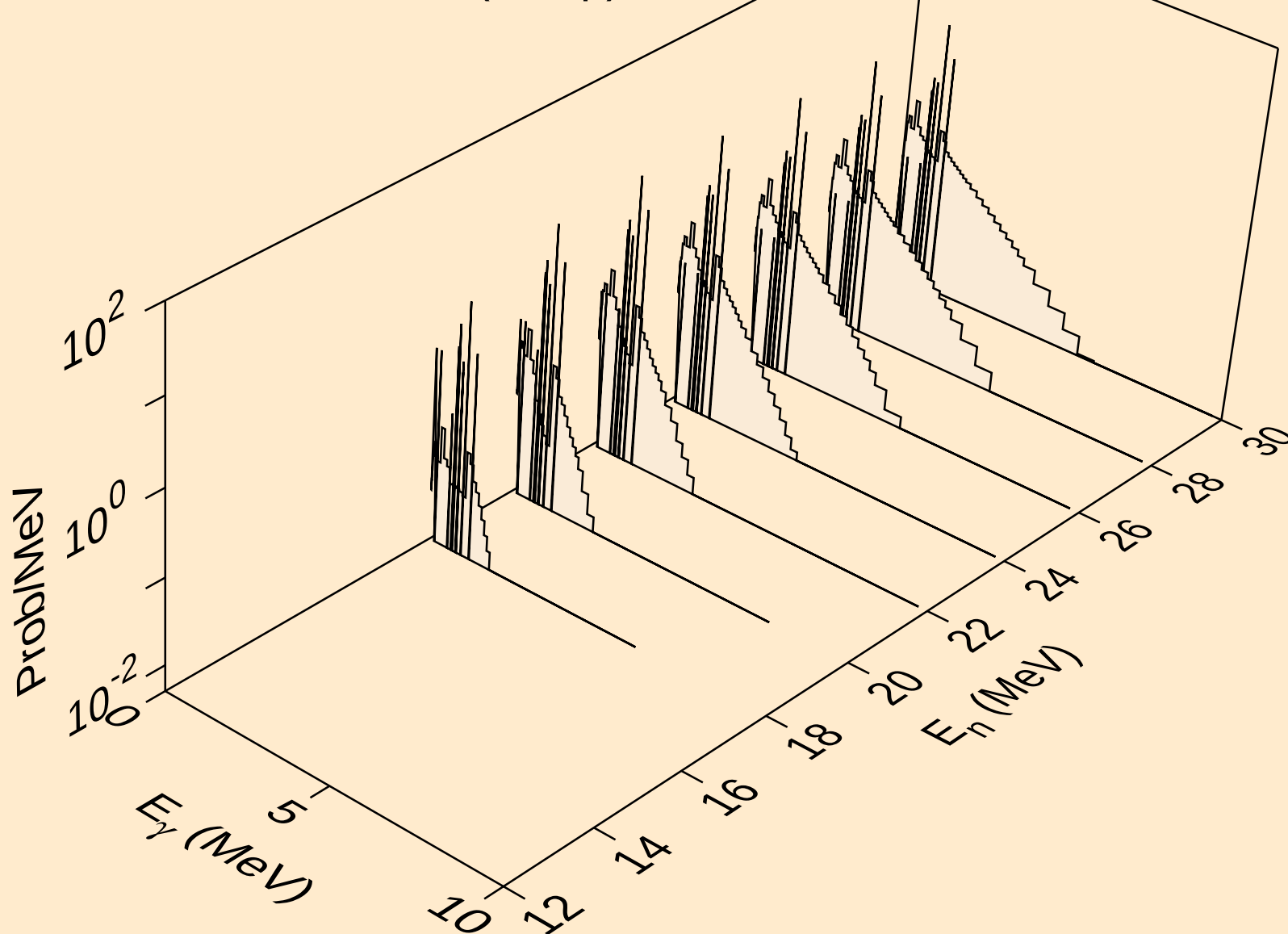
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



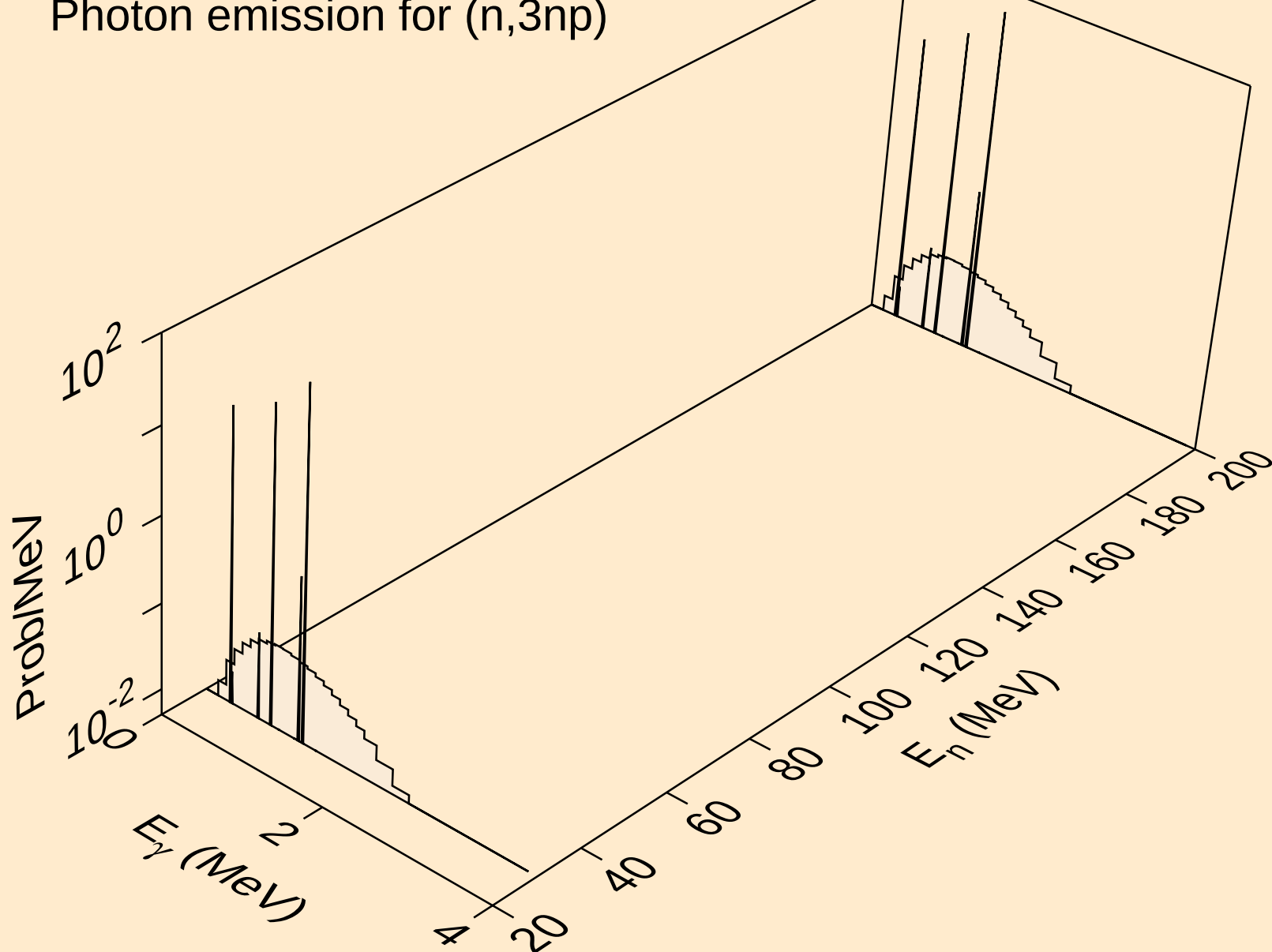
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



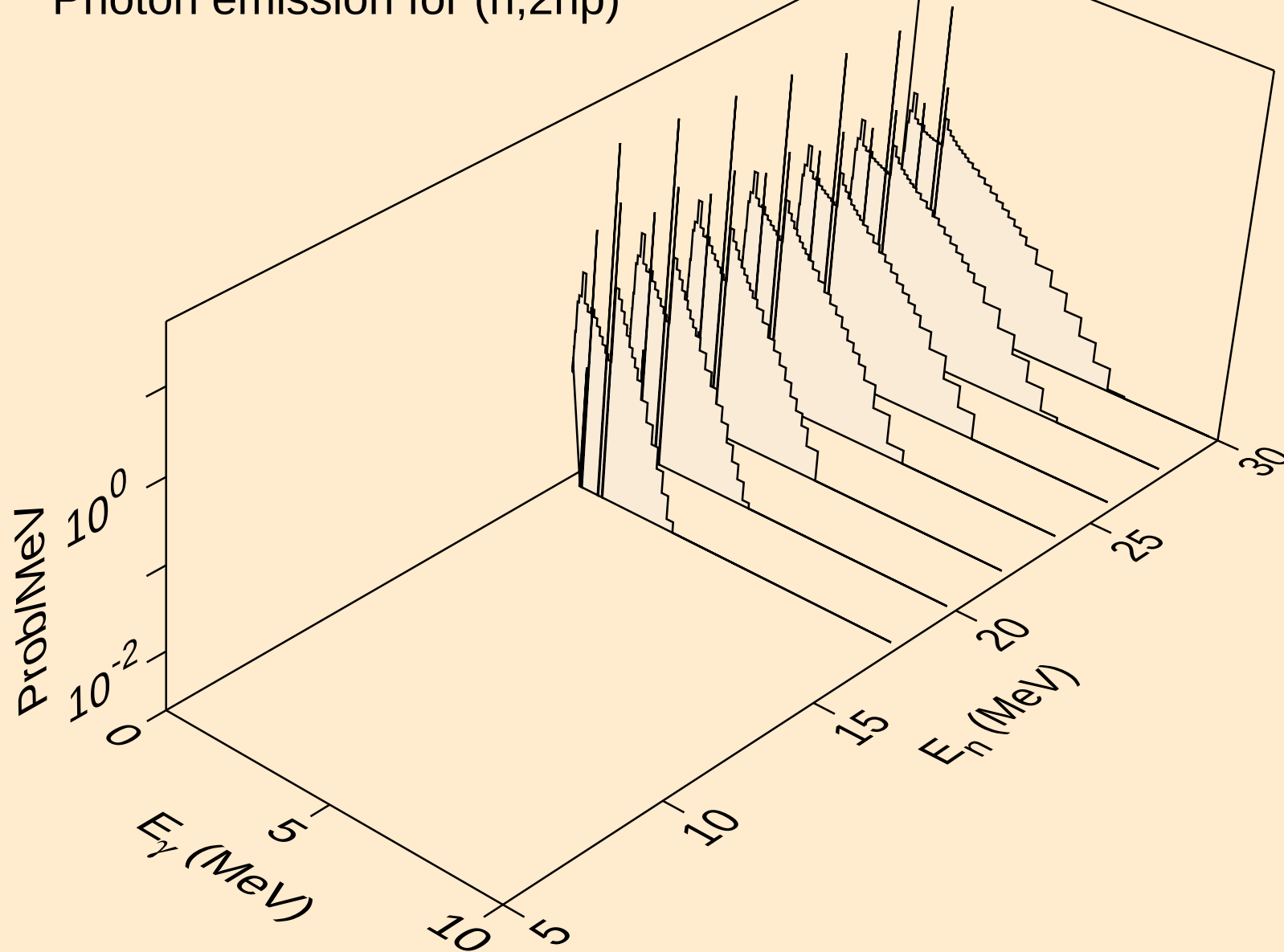
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



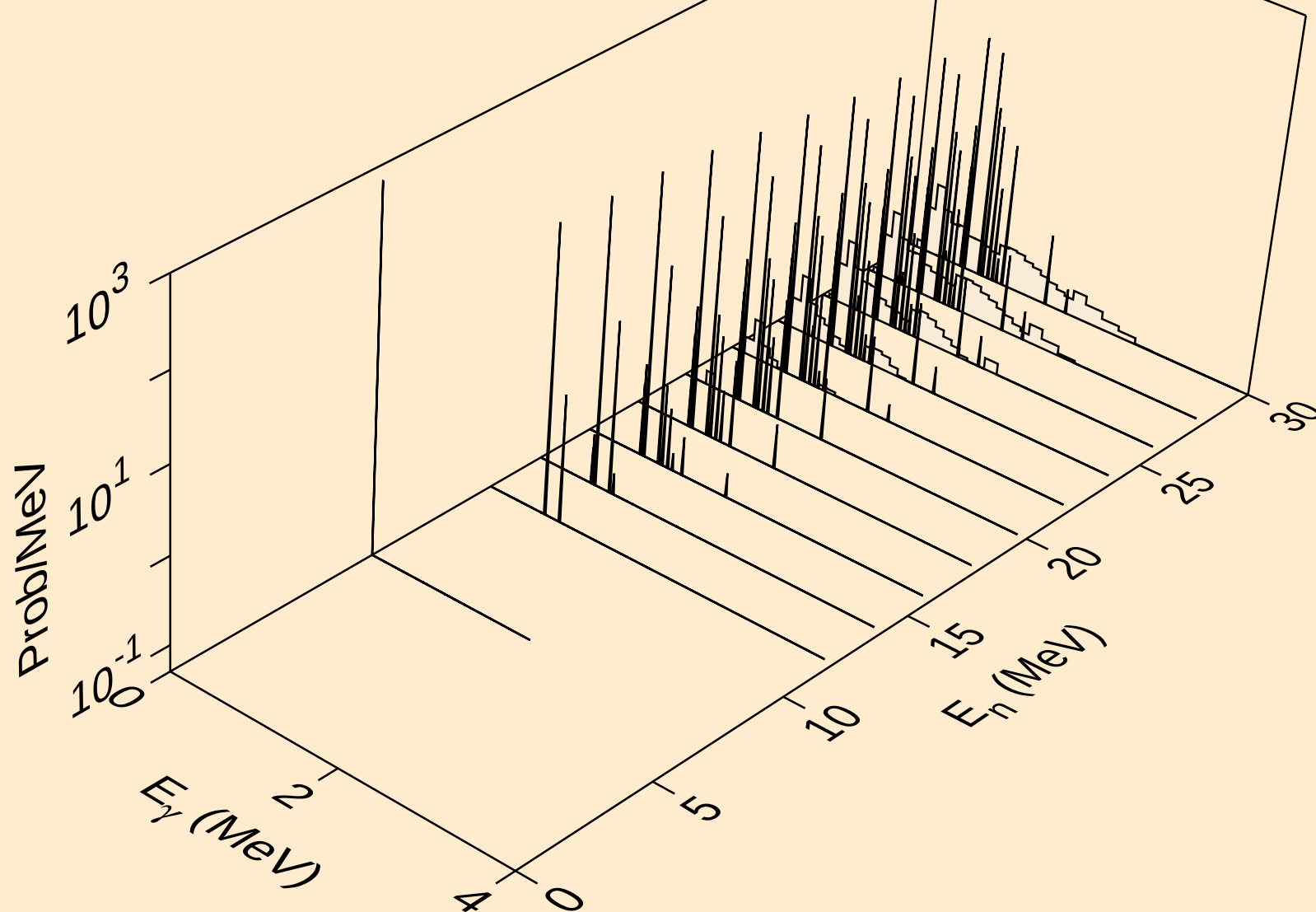
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



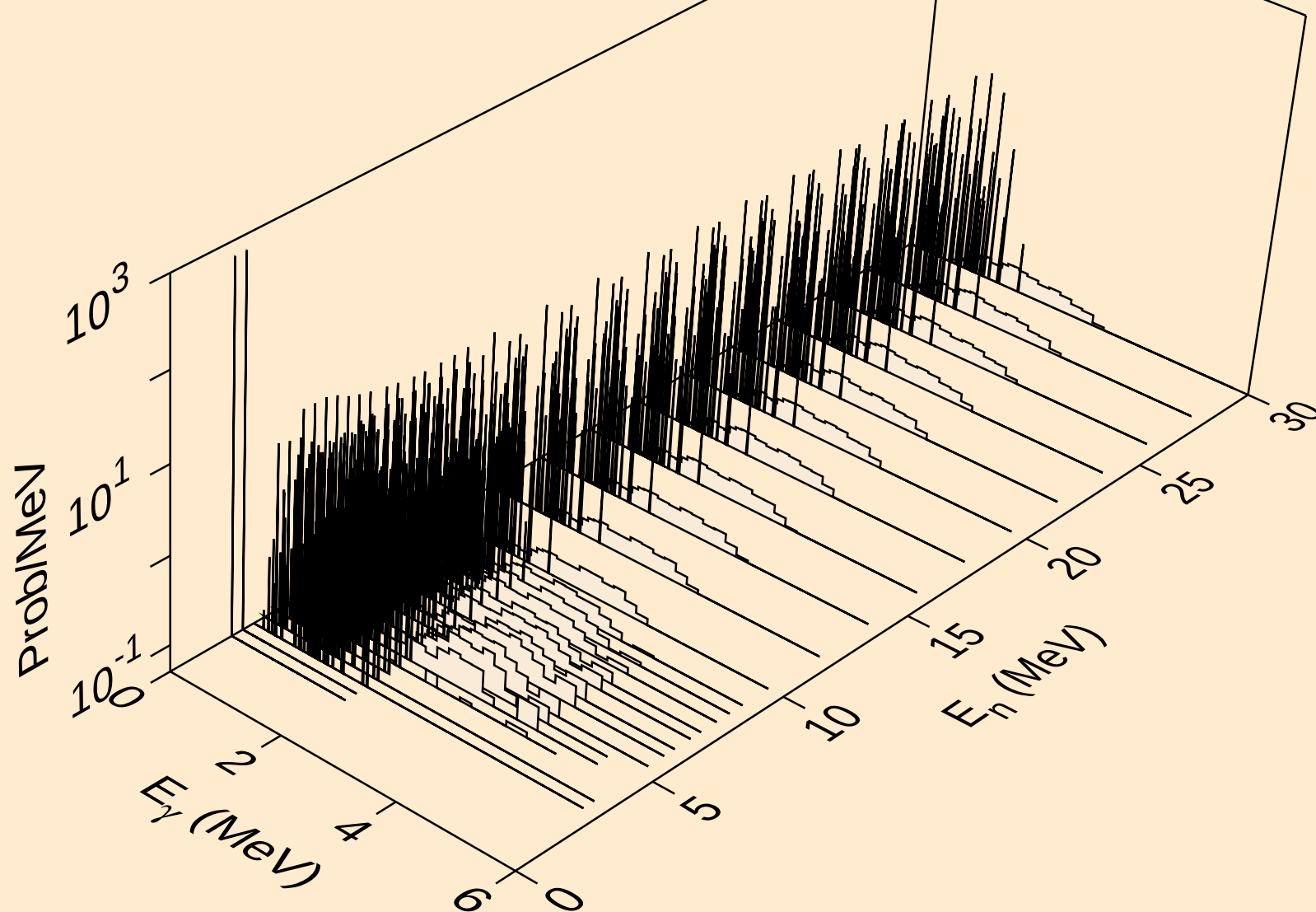
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



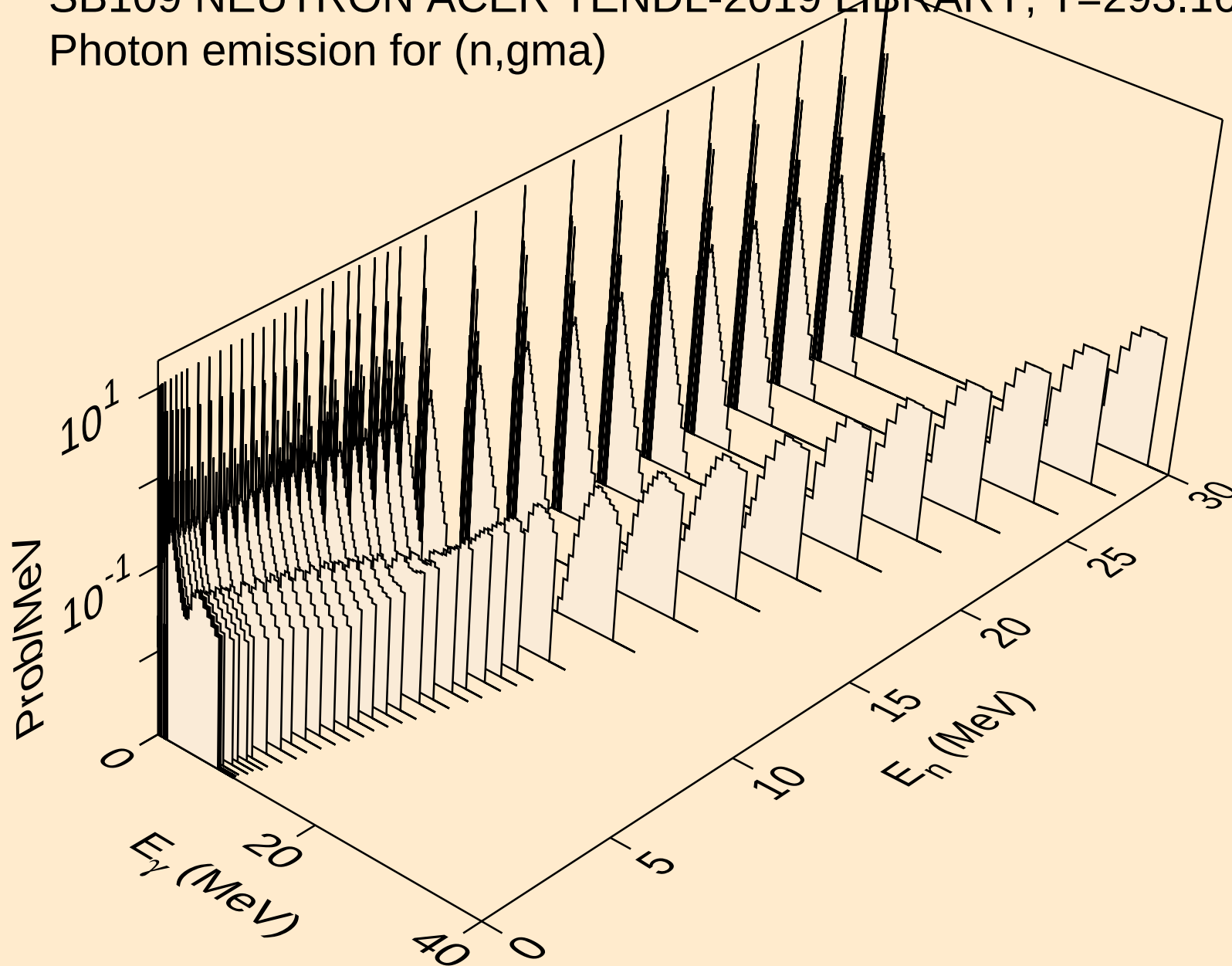
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



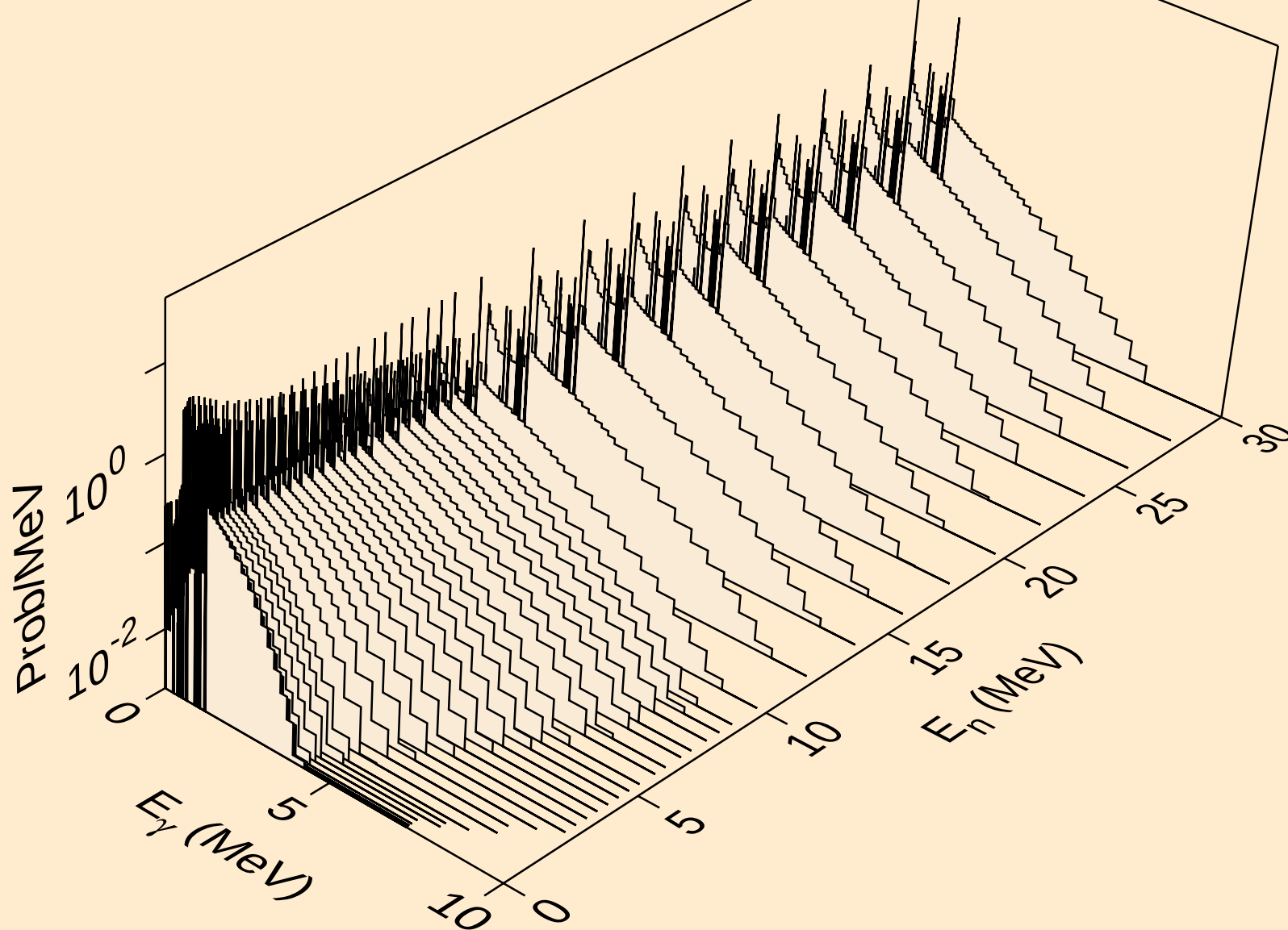
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



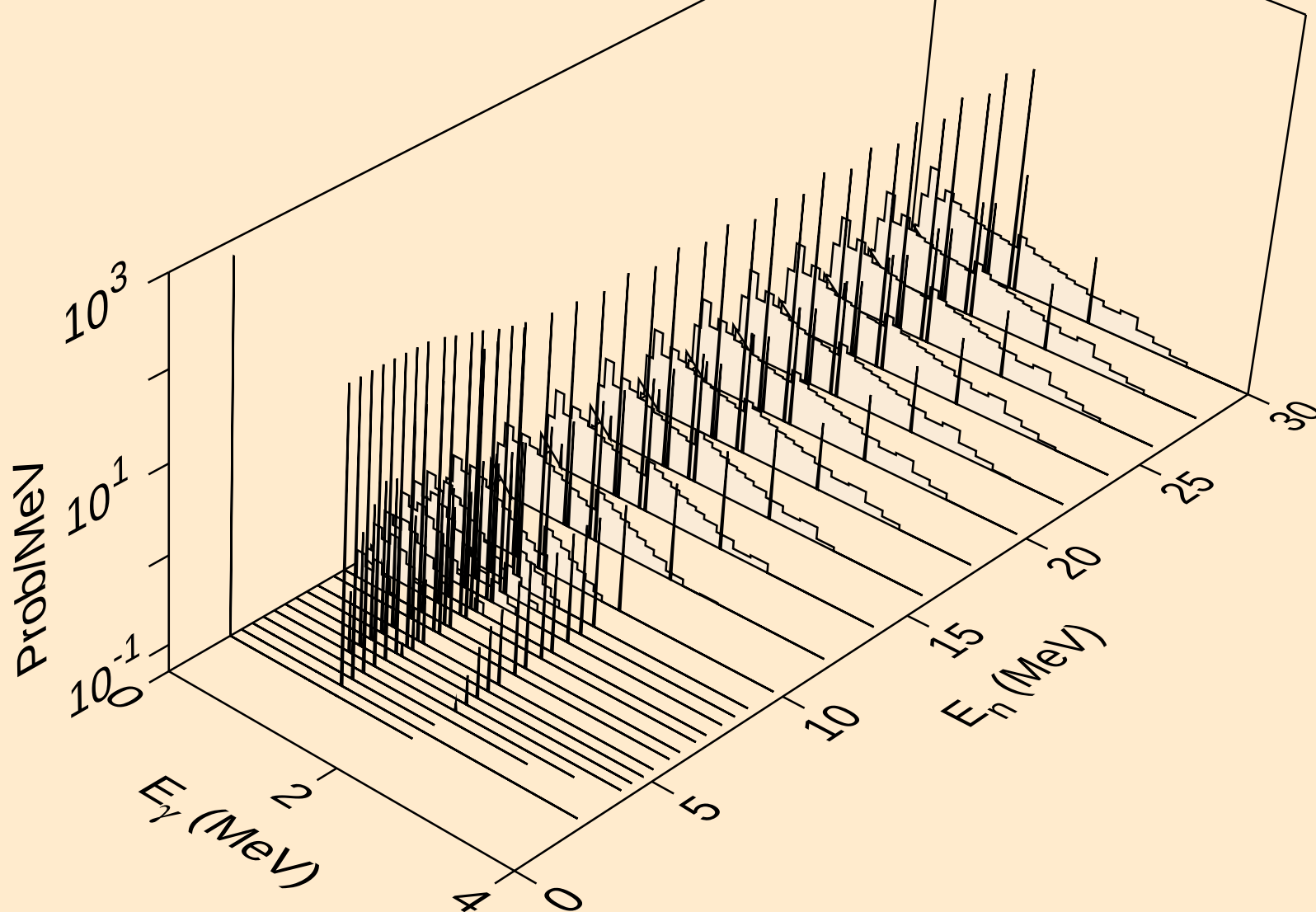
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



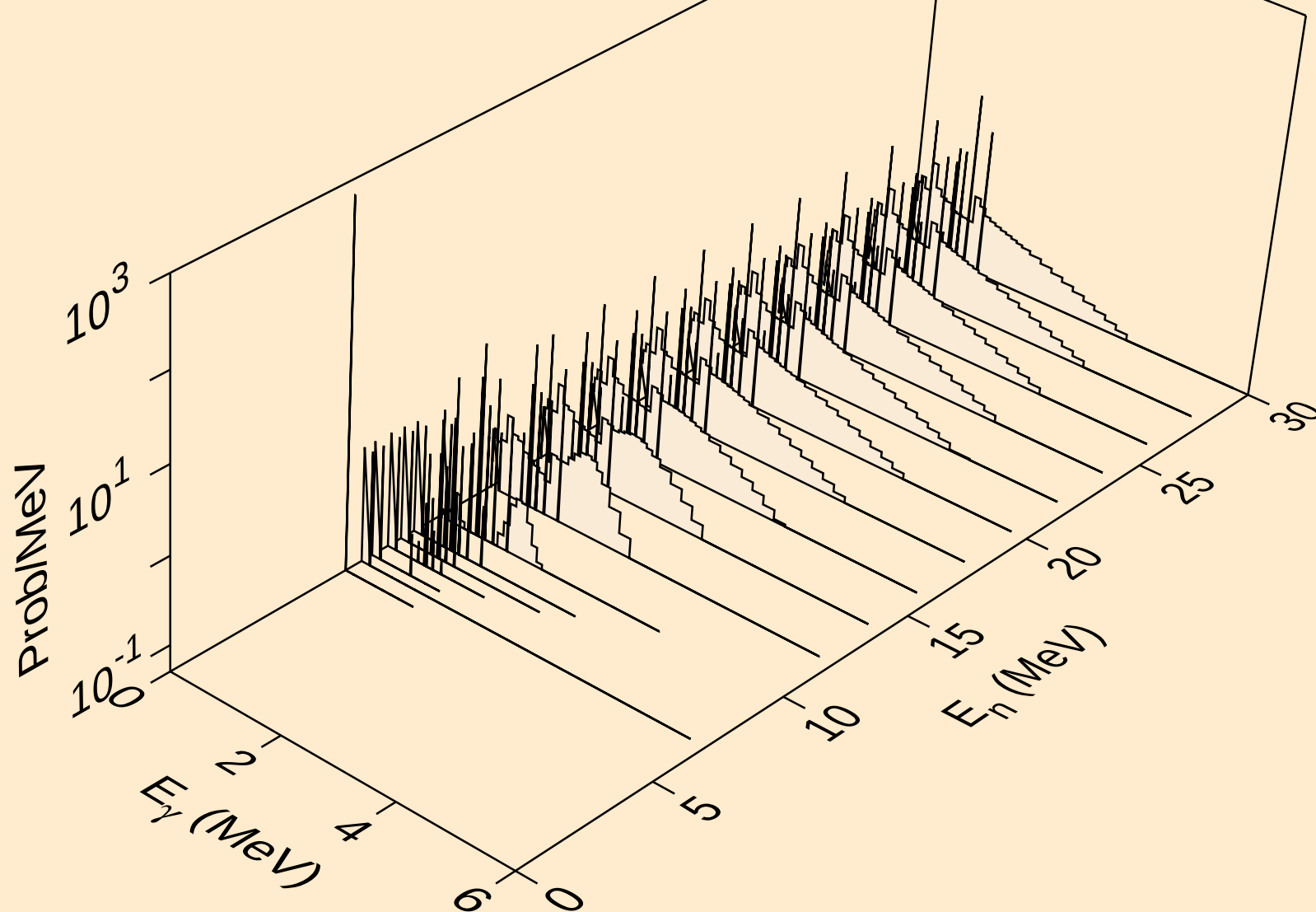
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



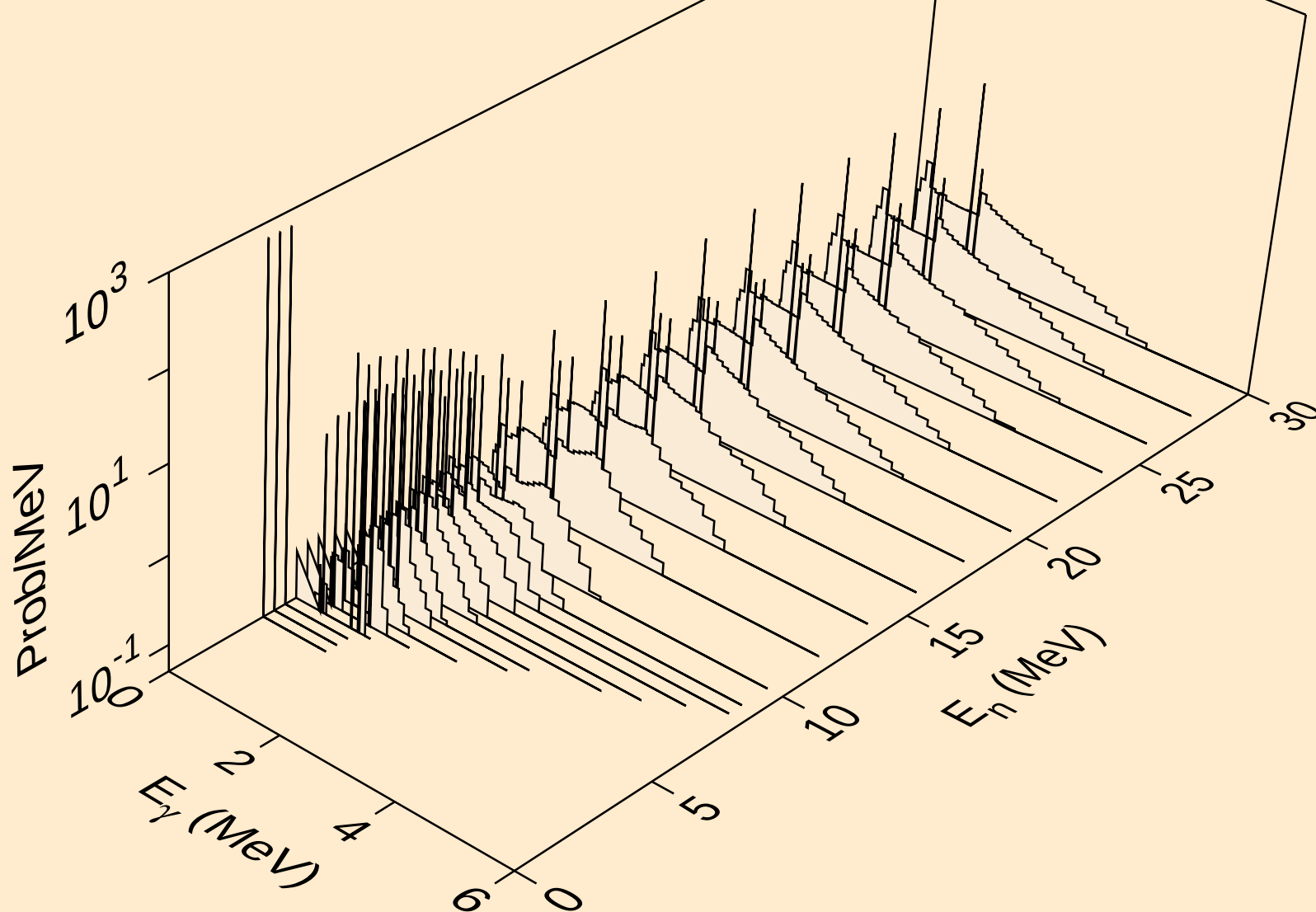
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



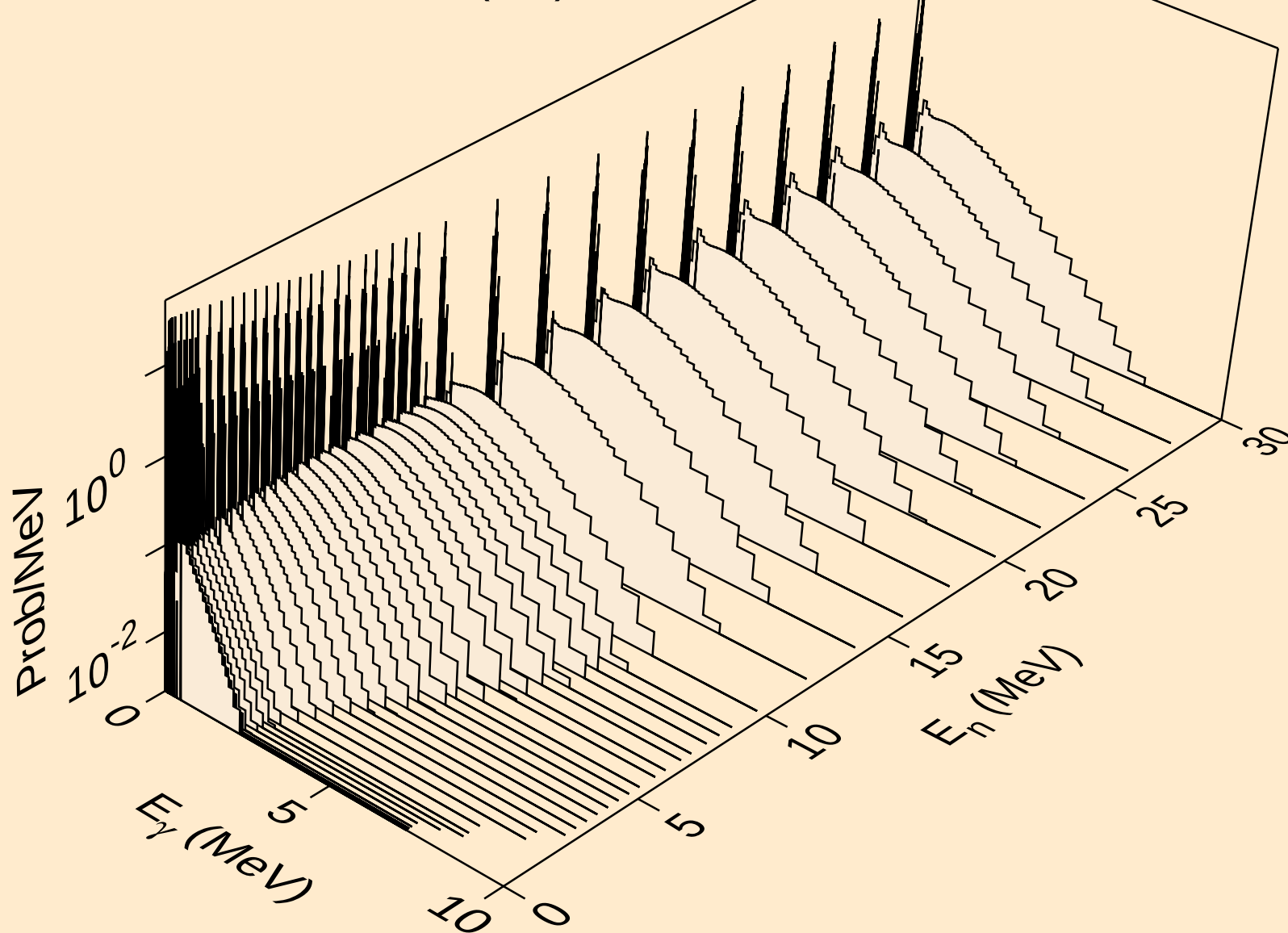
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



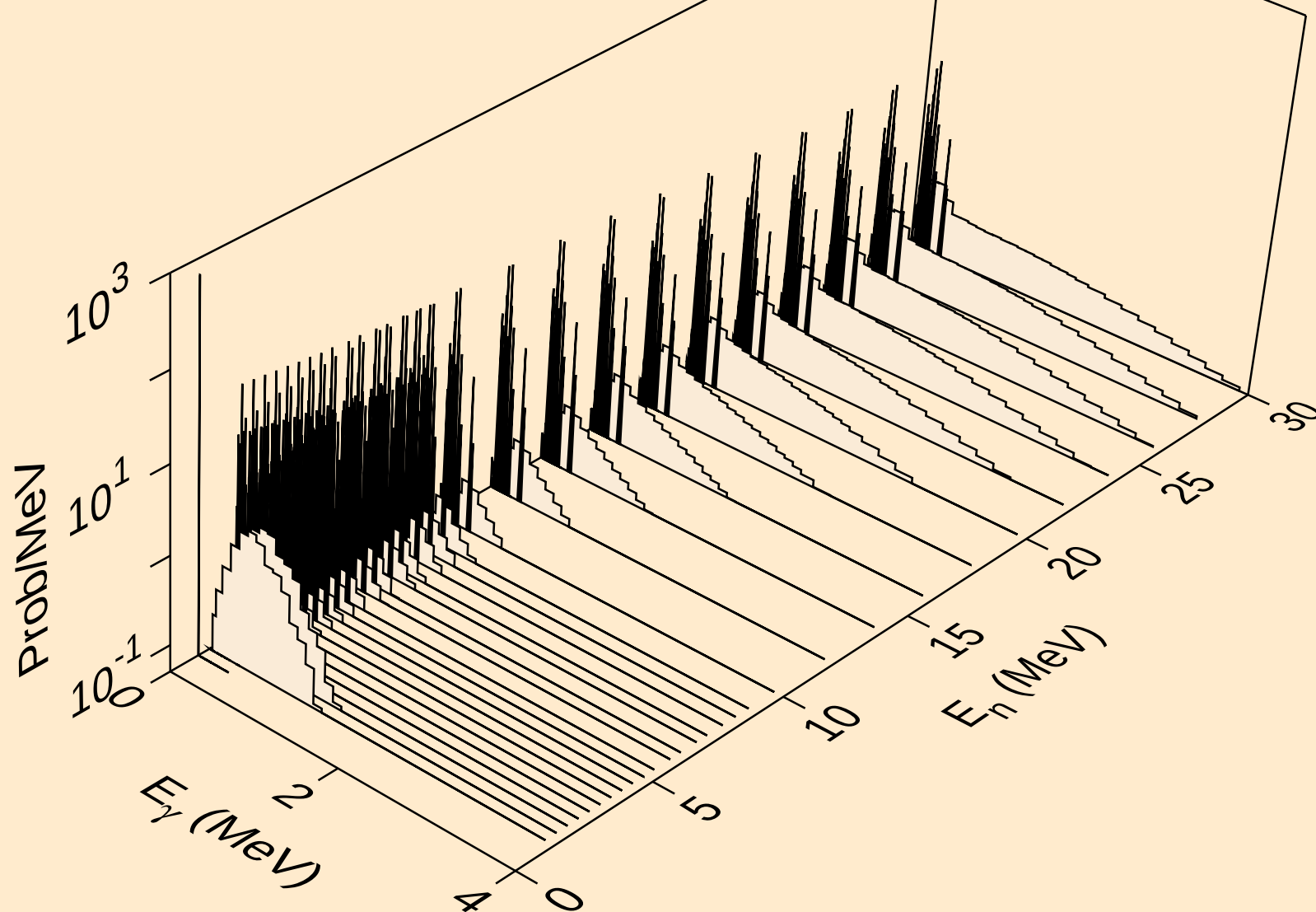
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



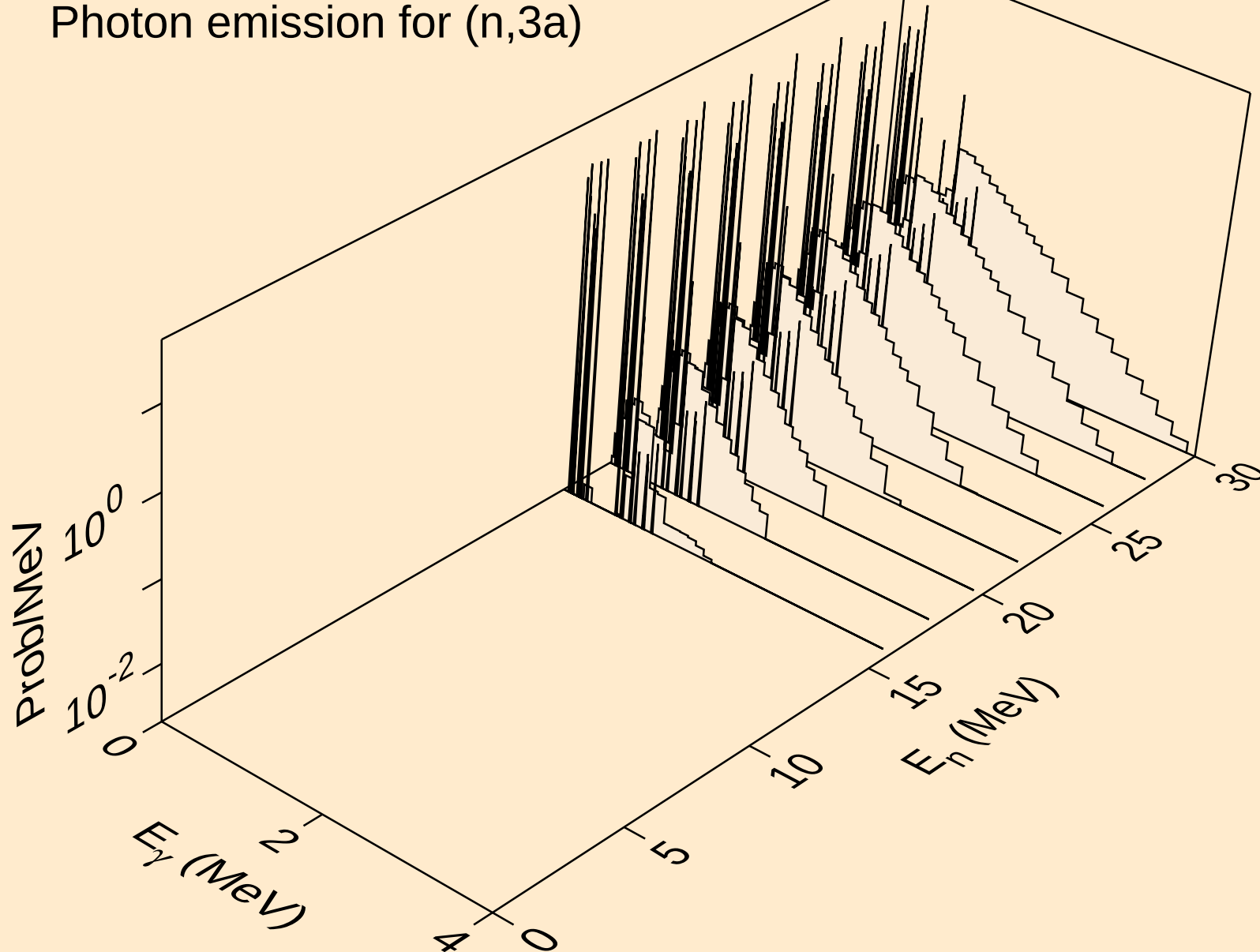
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



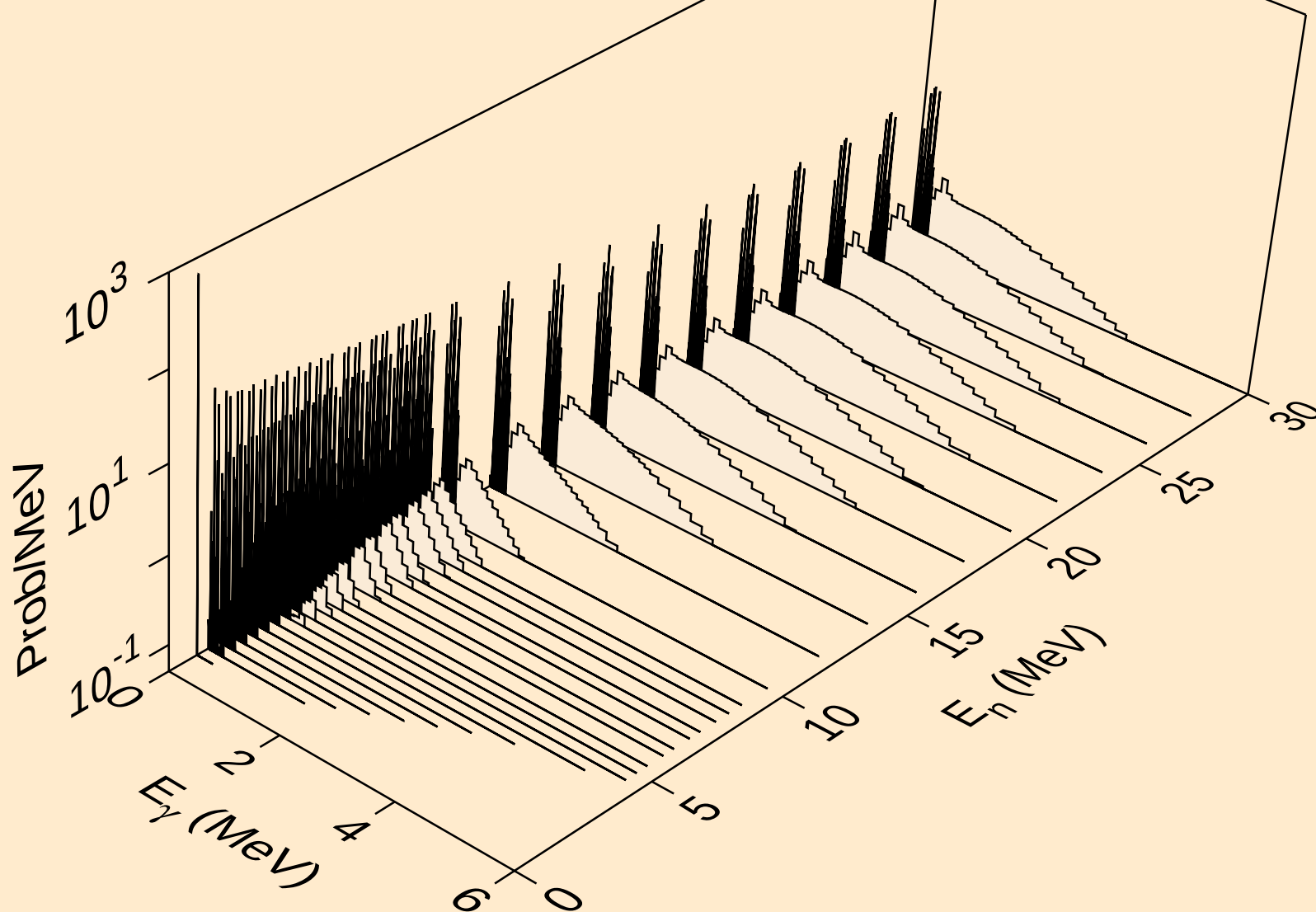
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



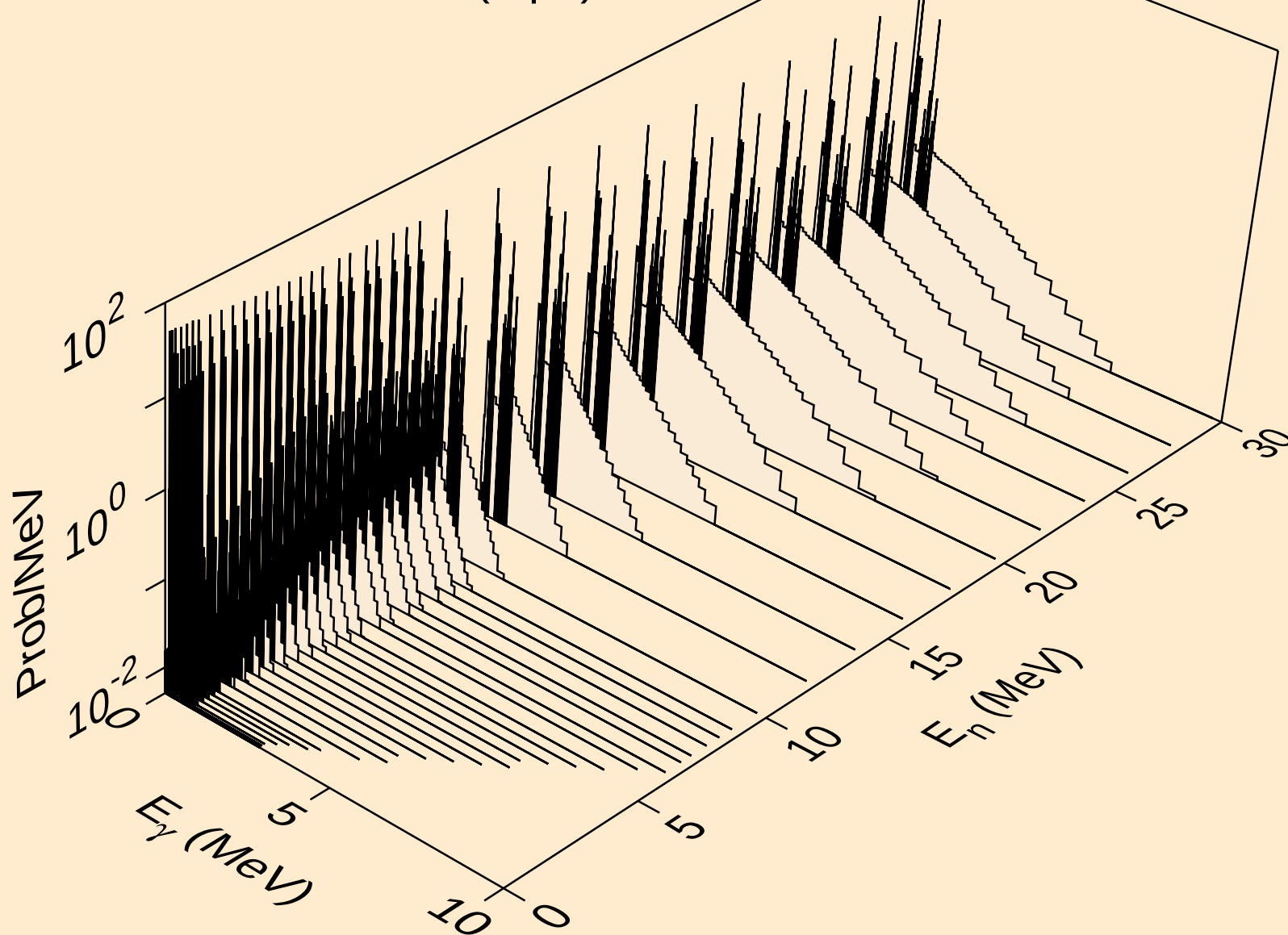
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



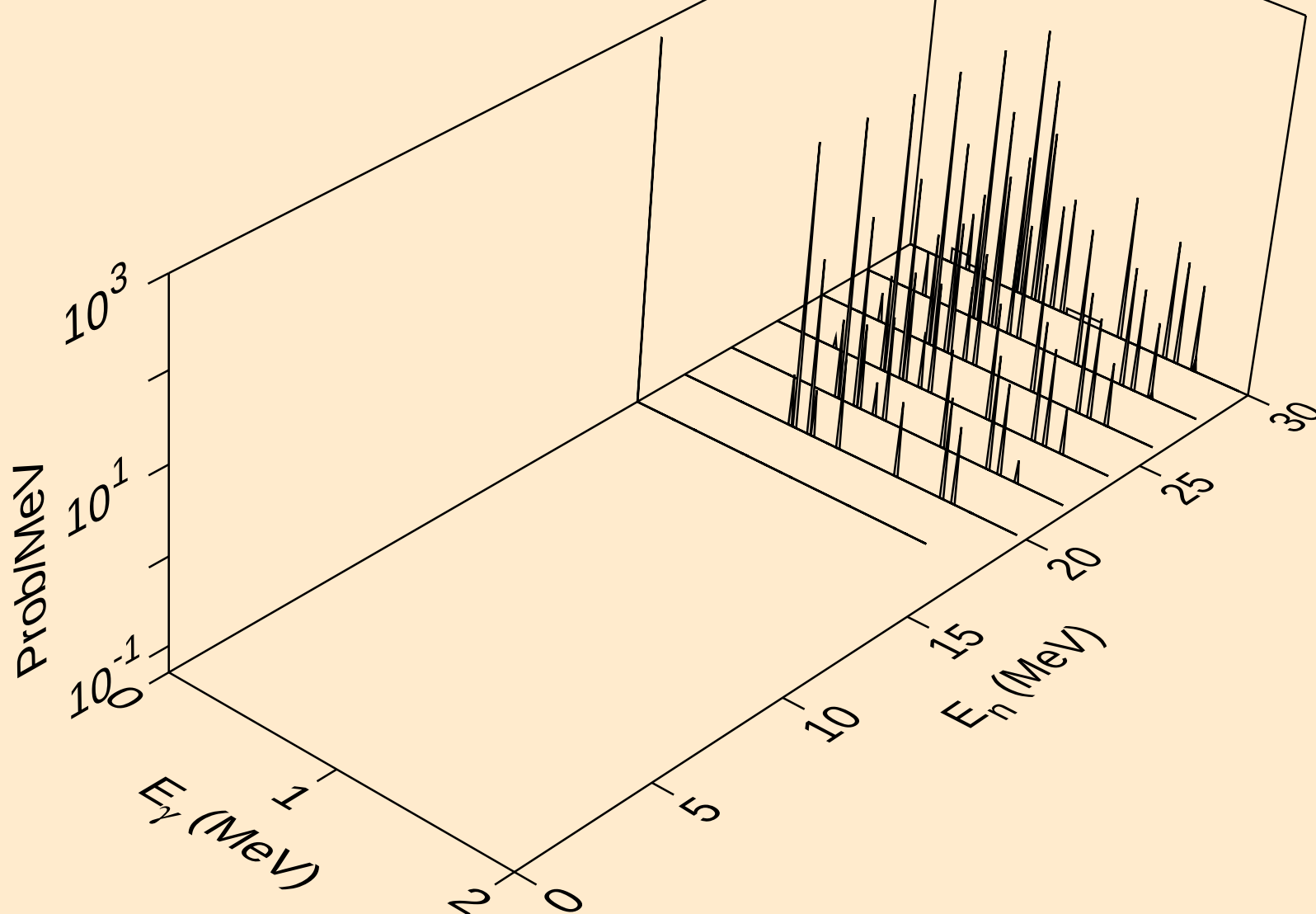
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Photon emission for (n,2p)



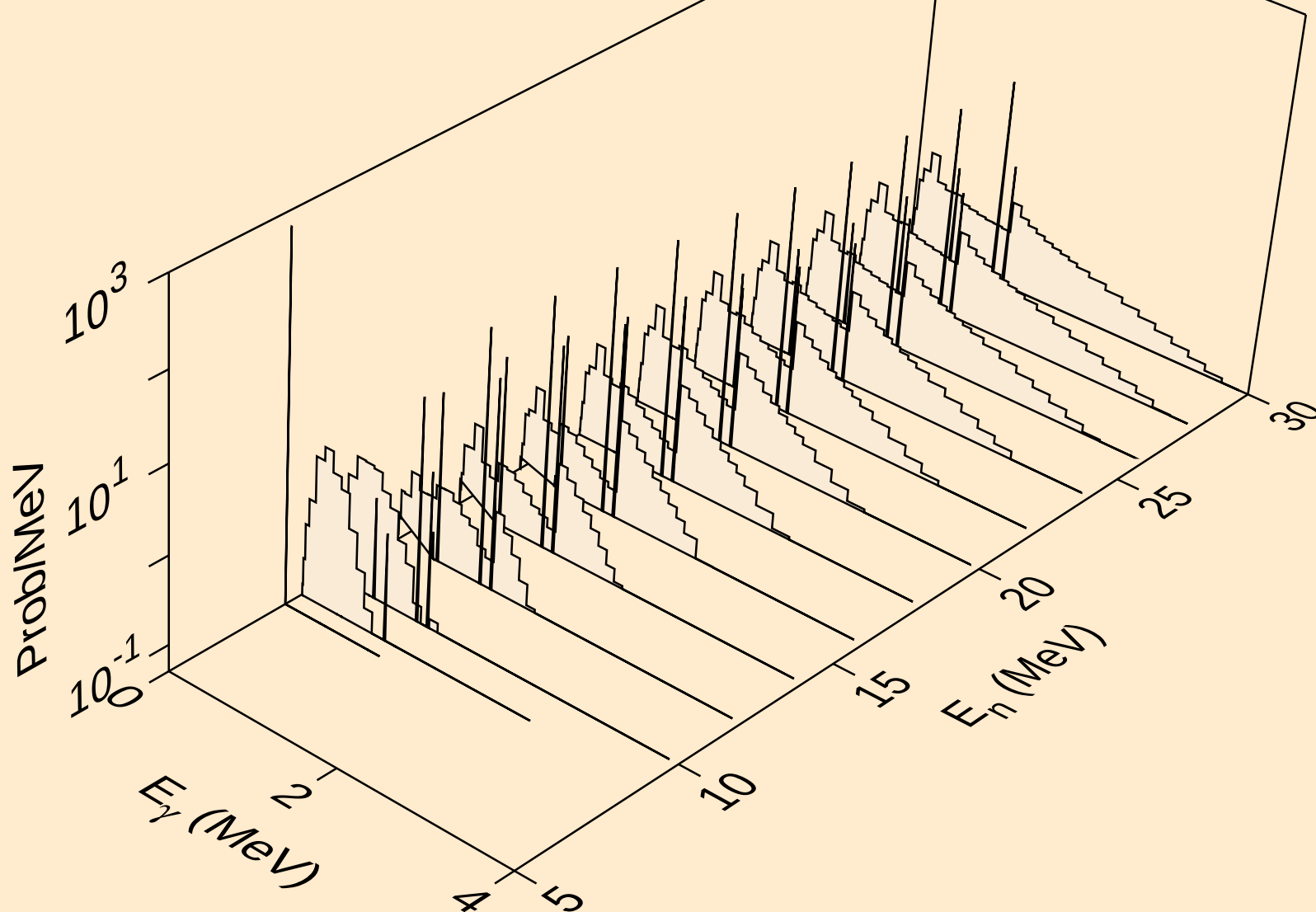
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



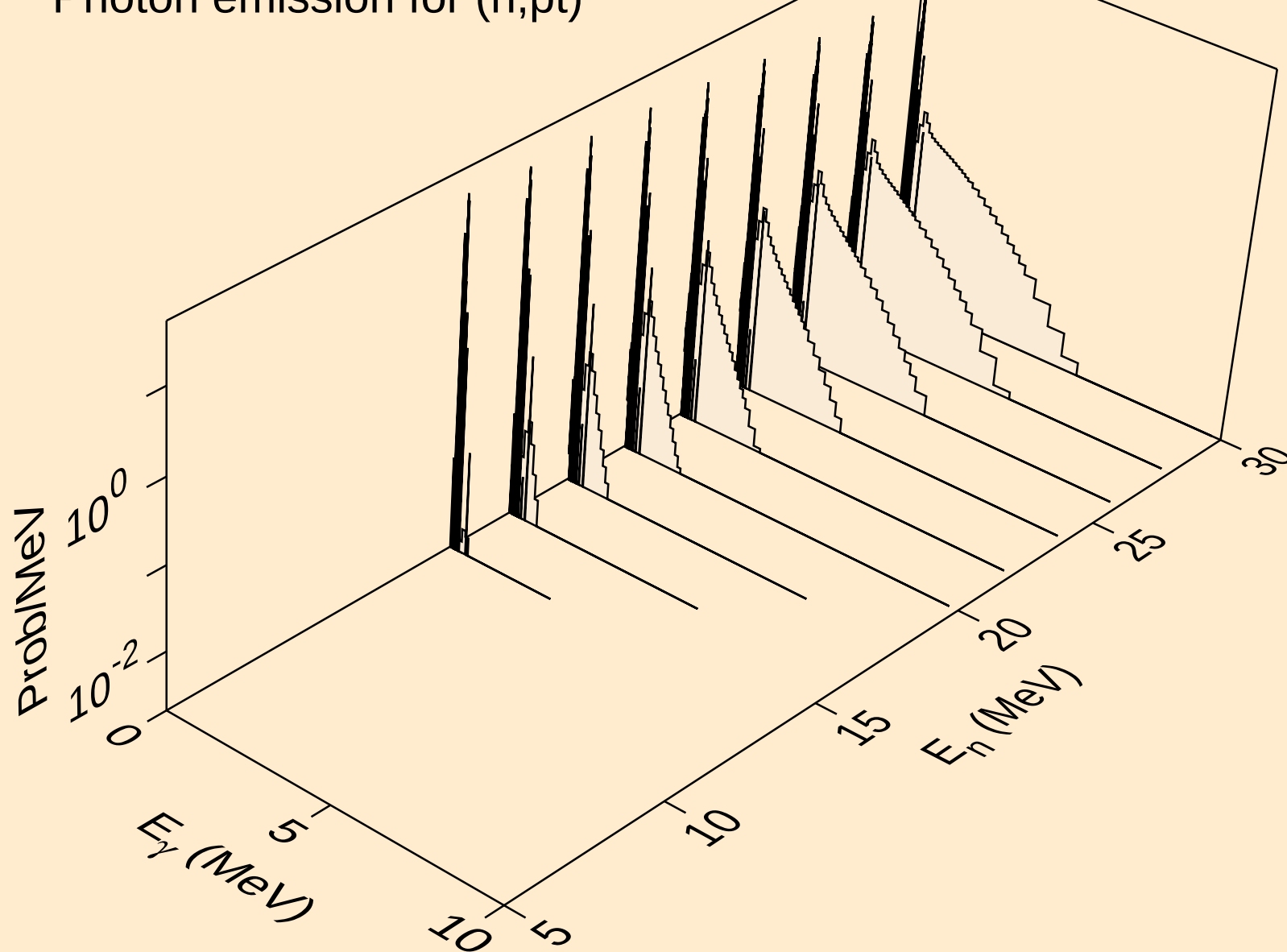
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



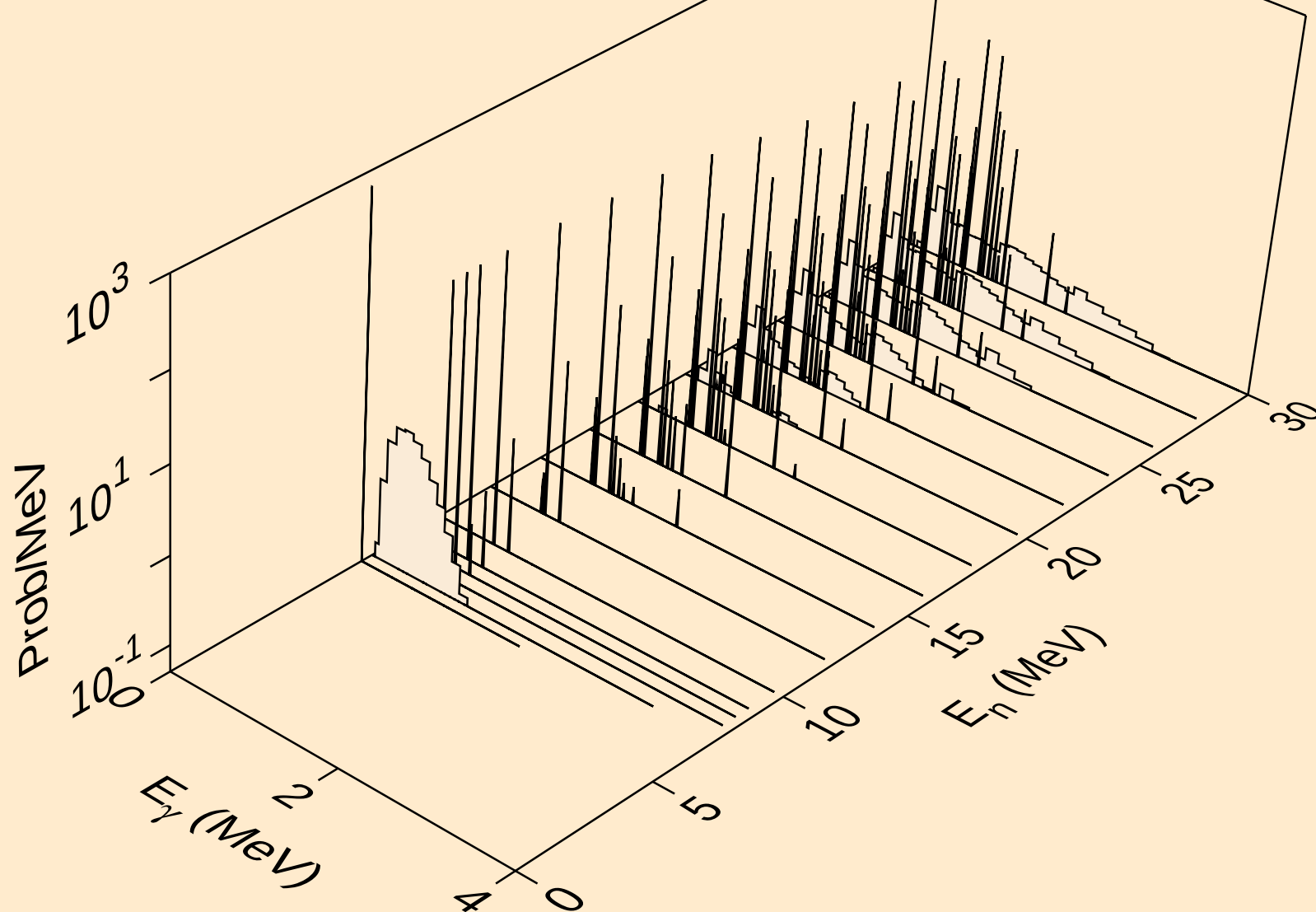
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



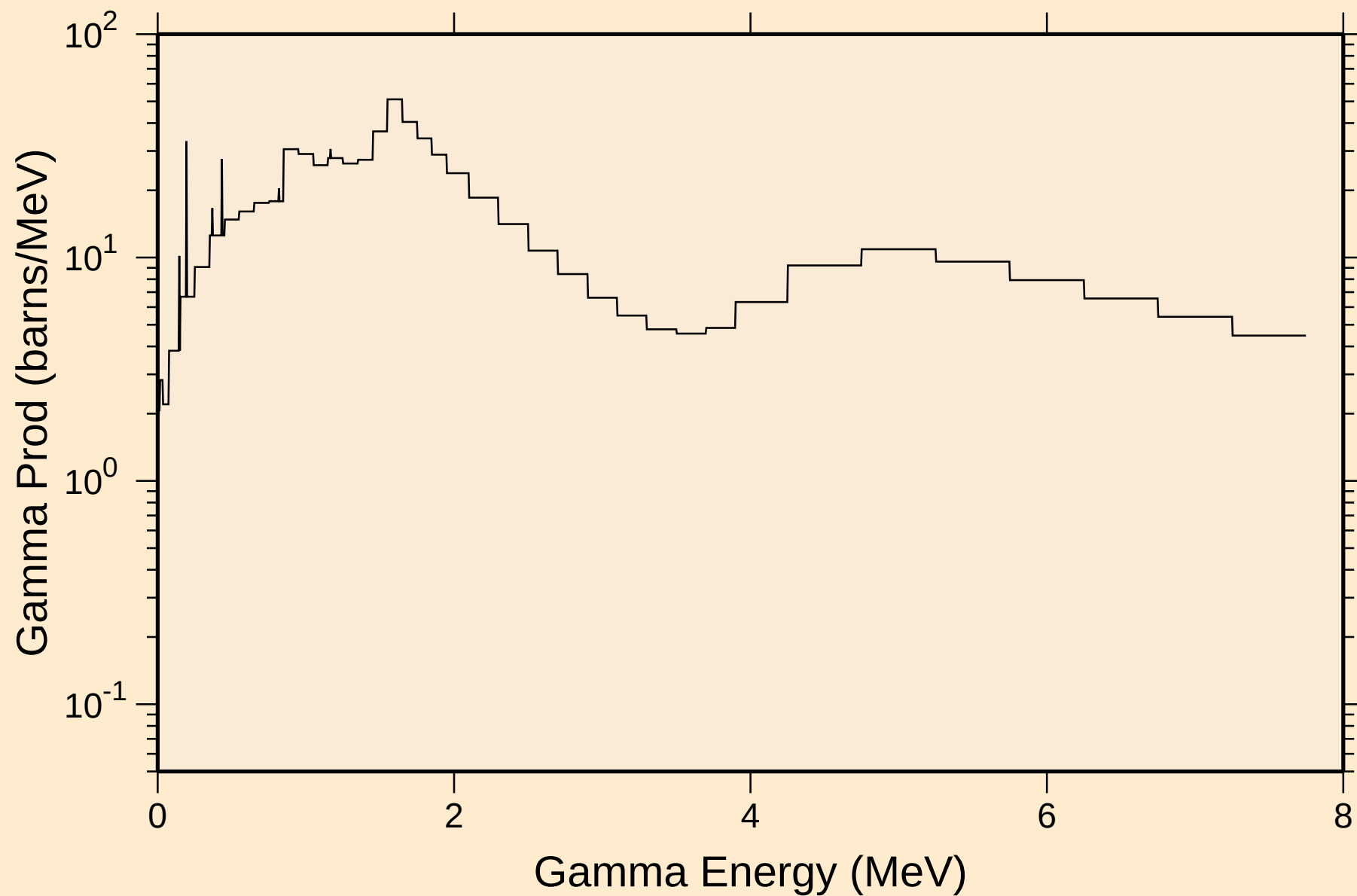
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



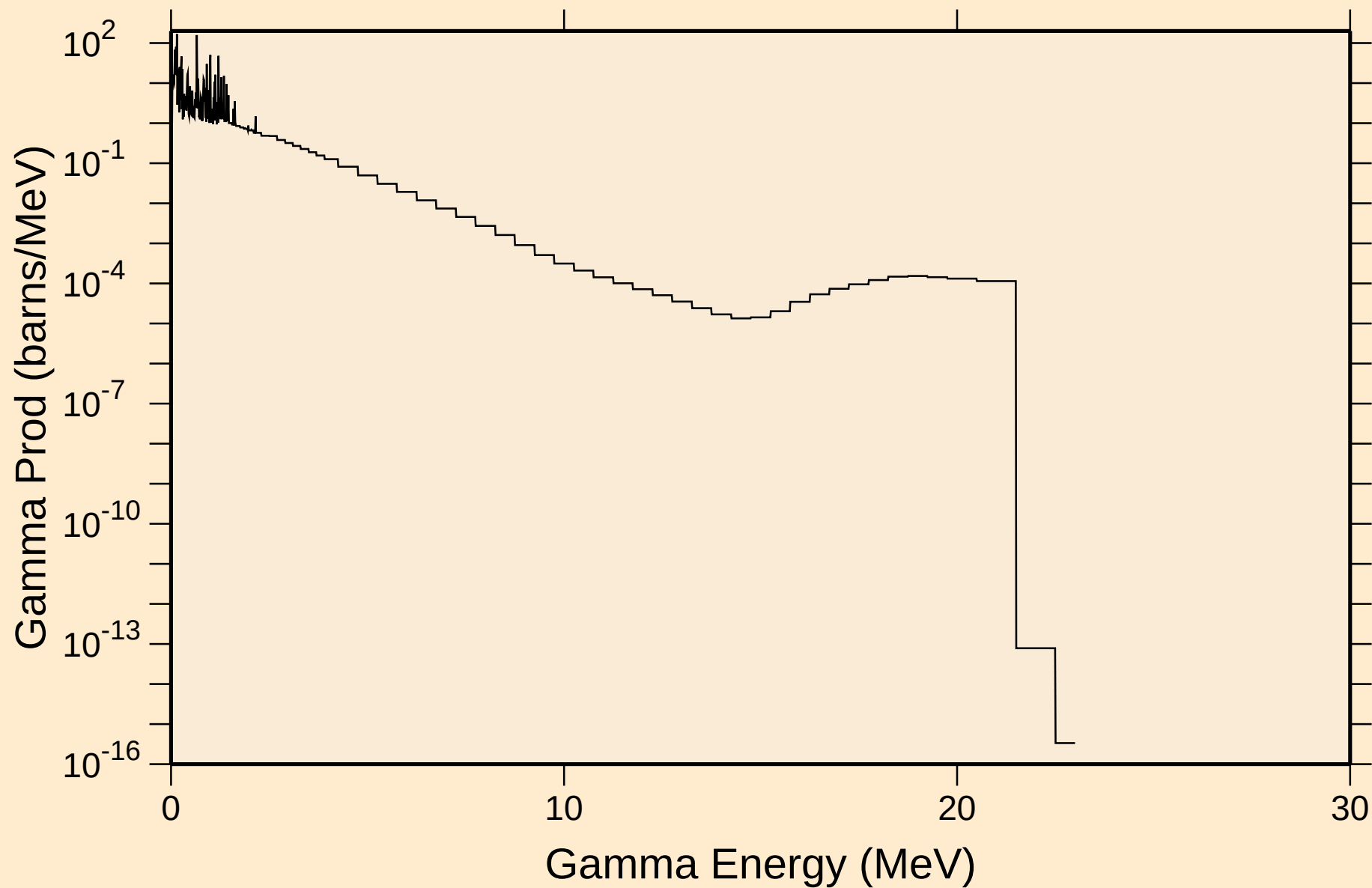
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



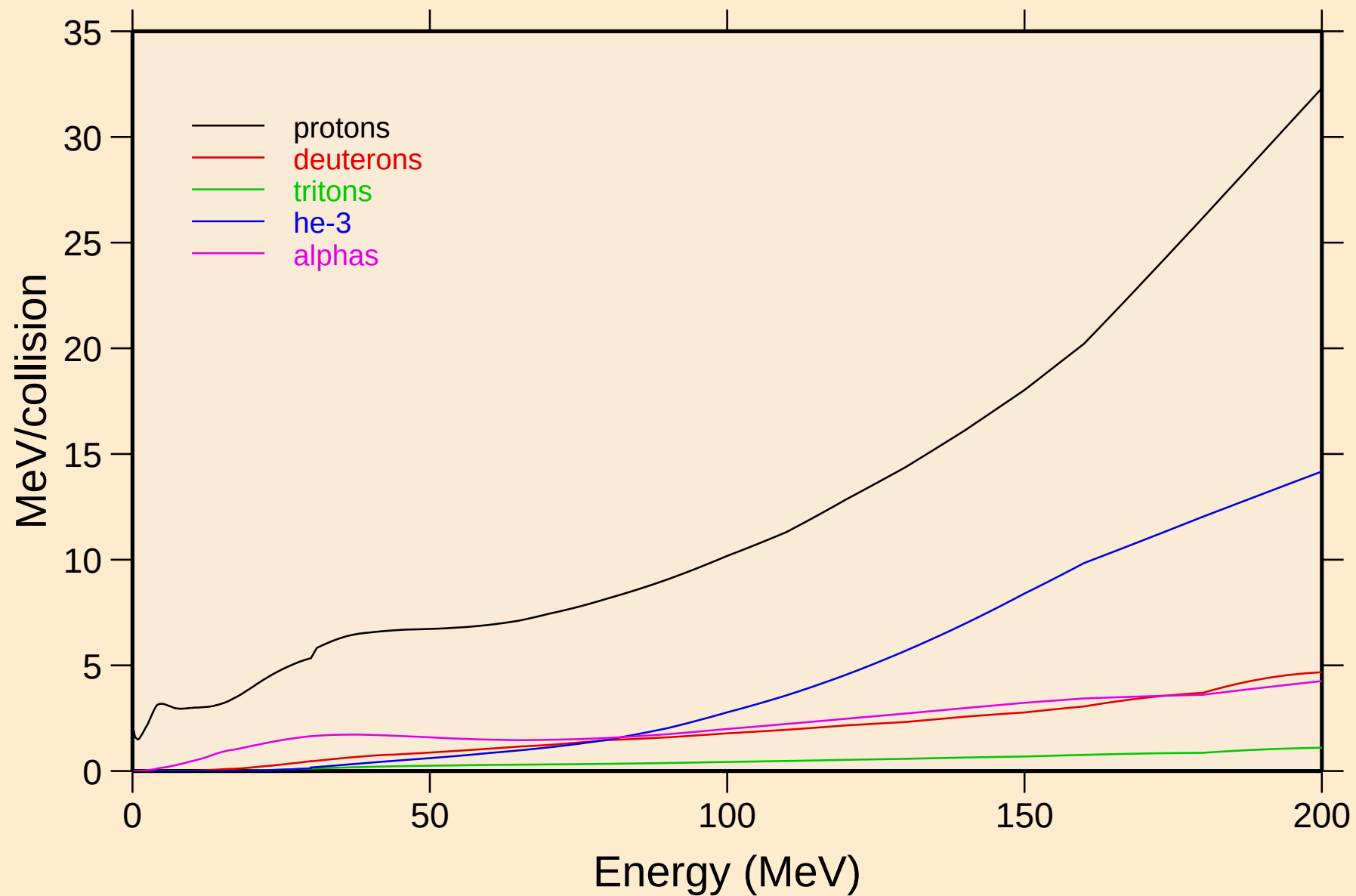
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



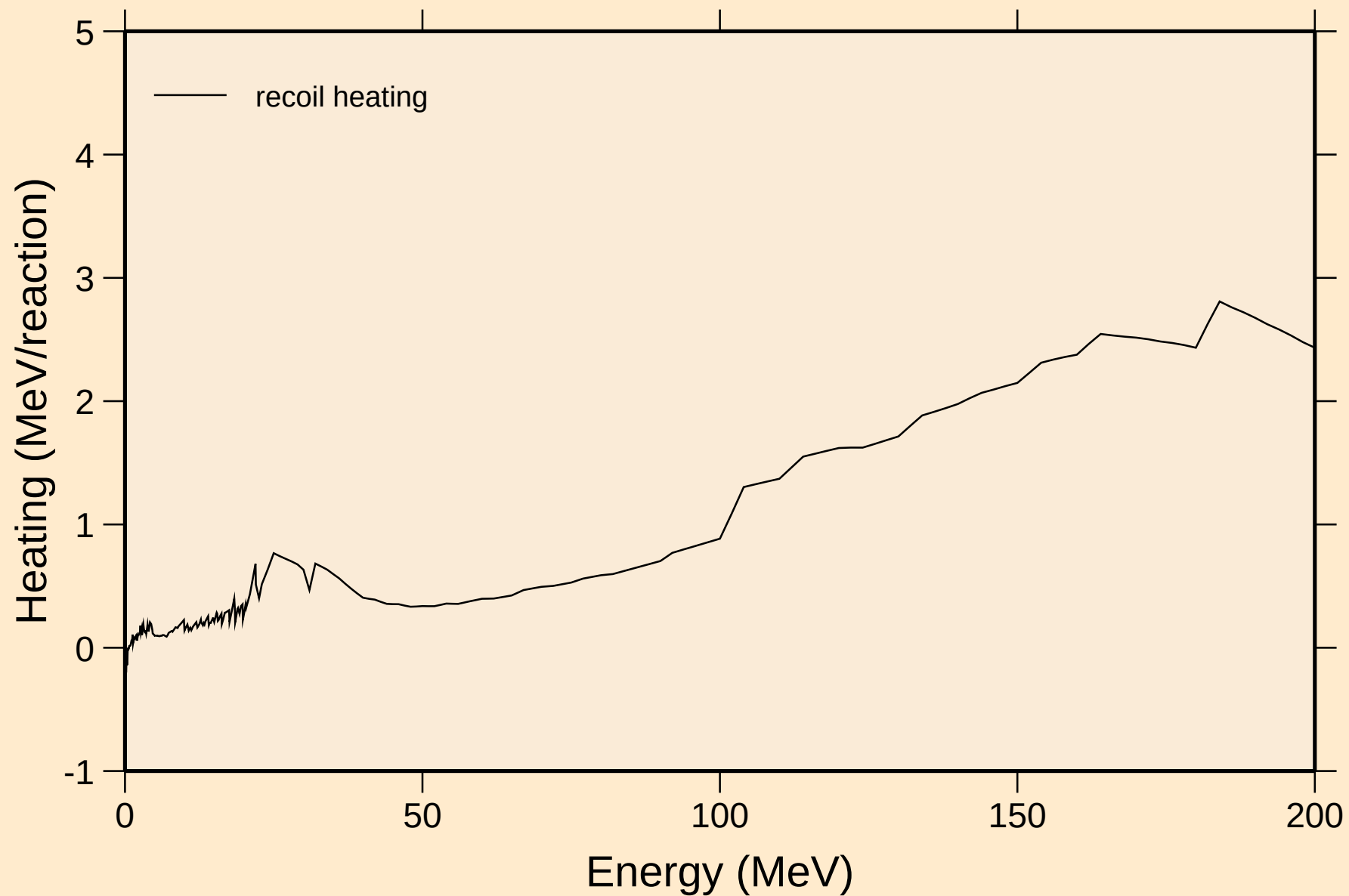
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions

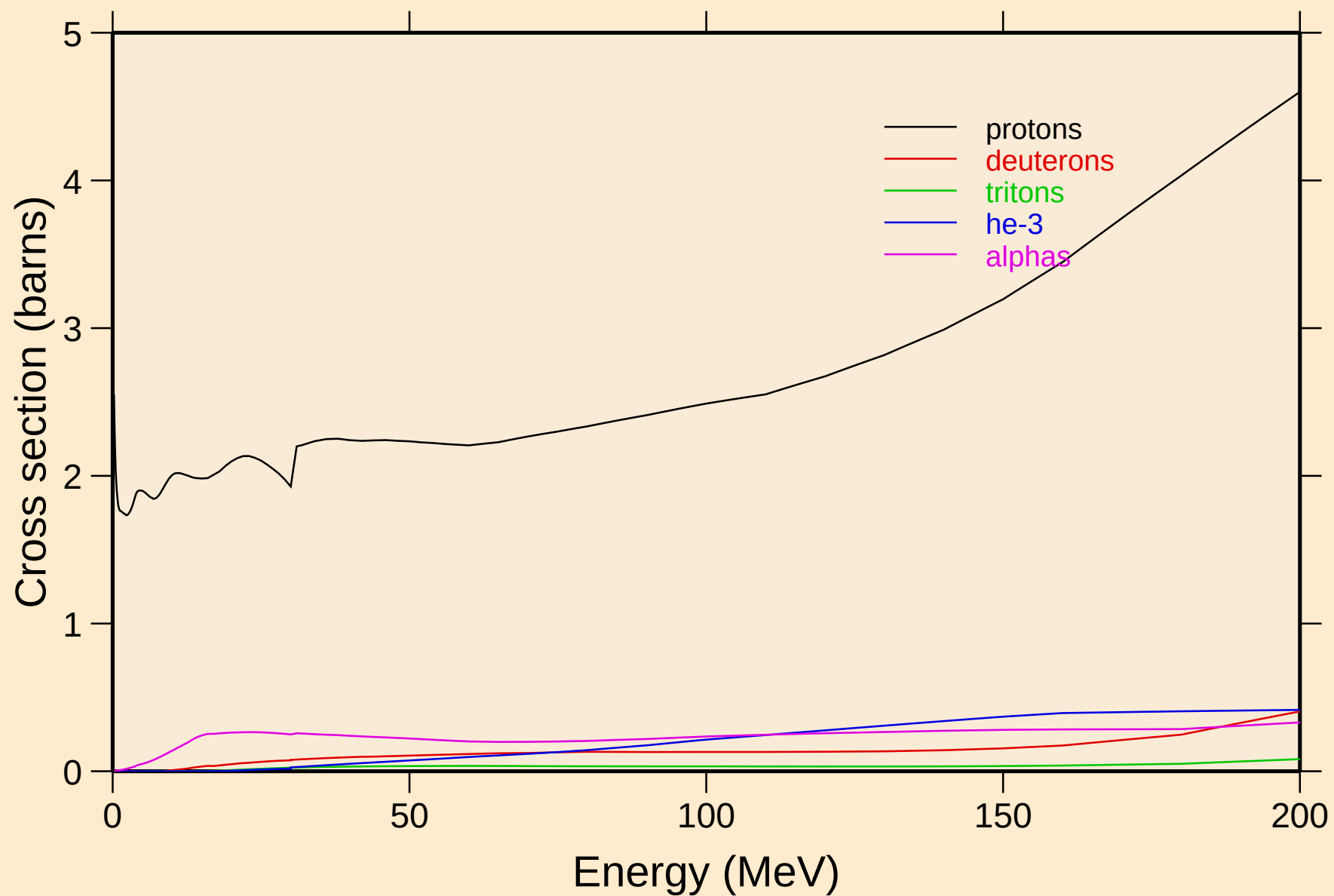


SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

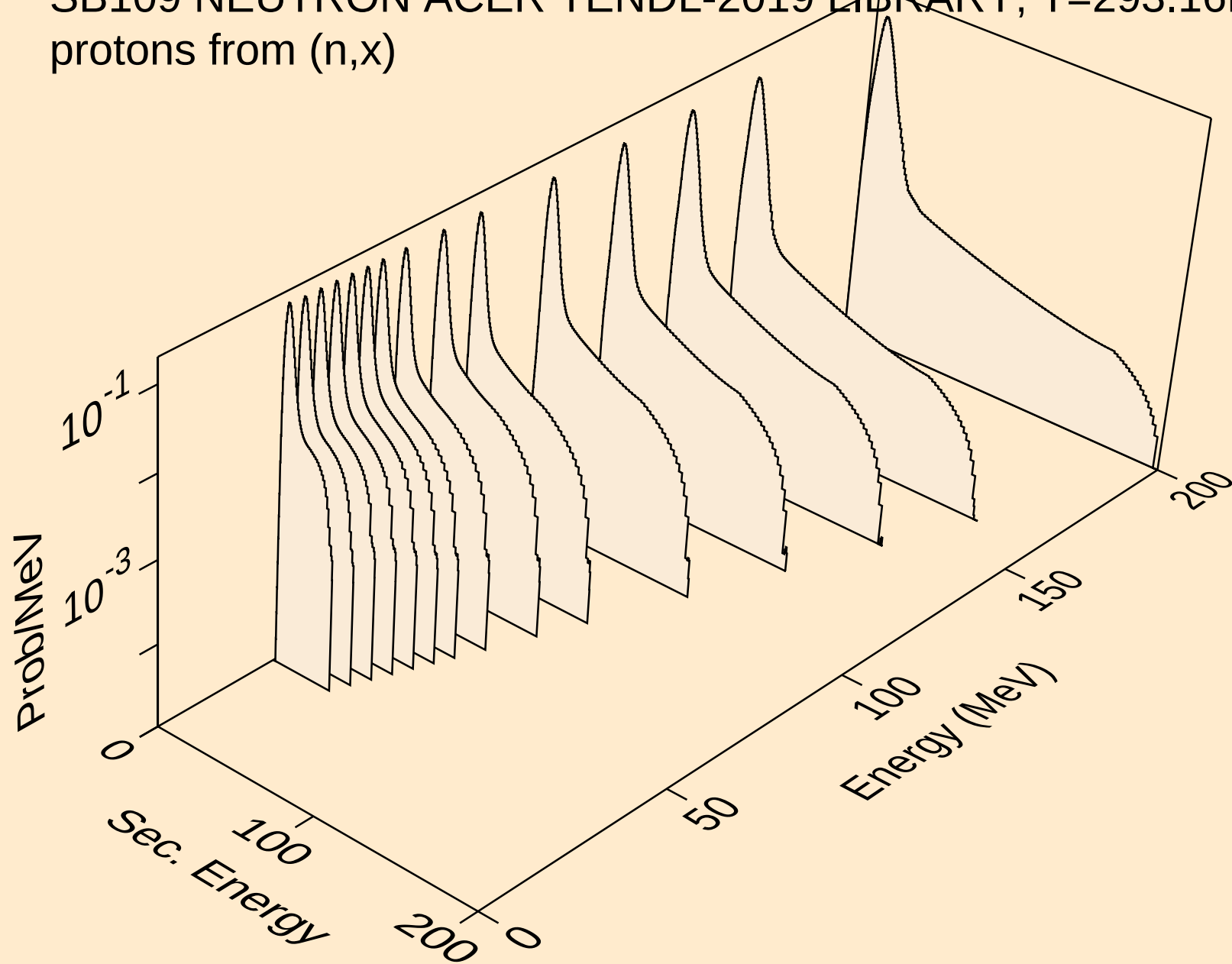


SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

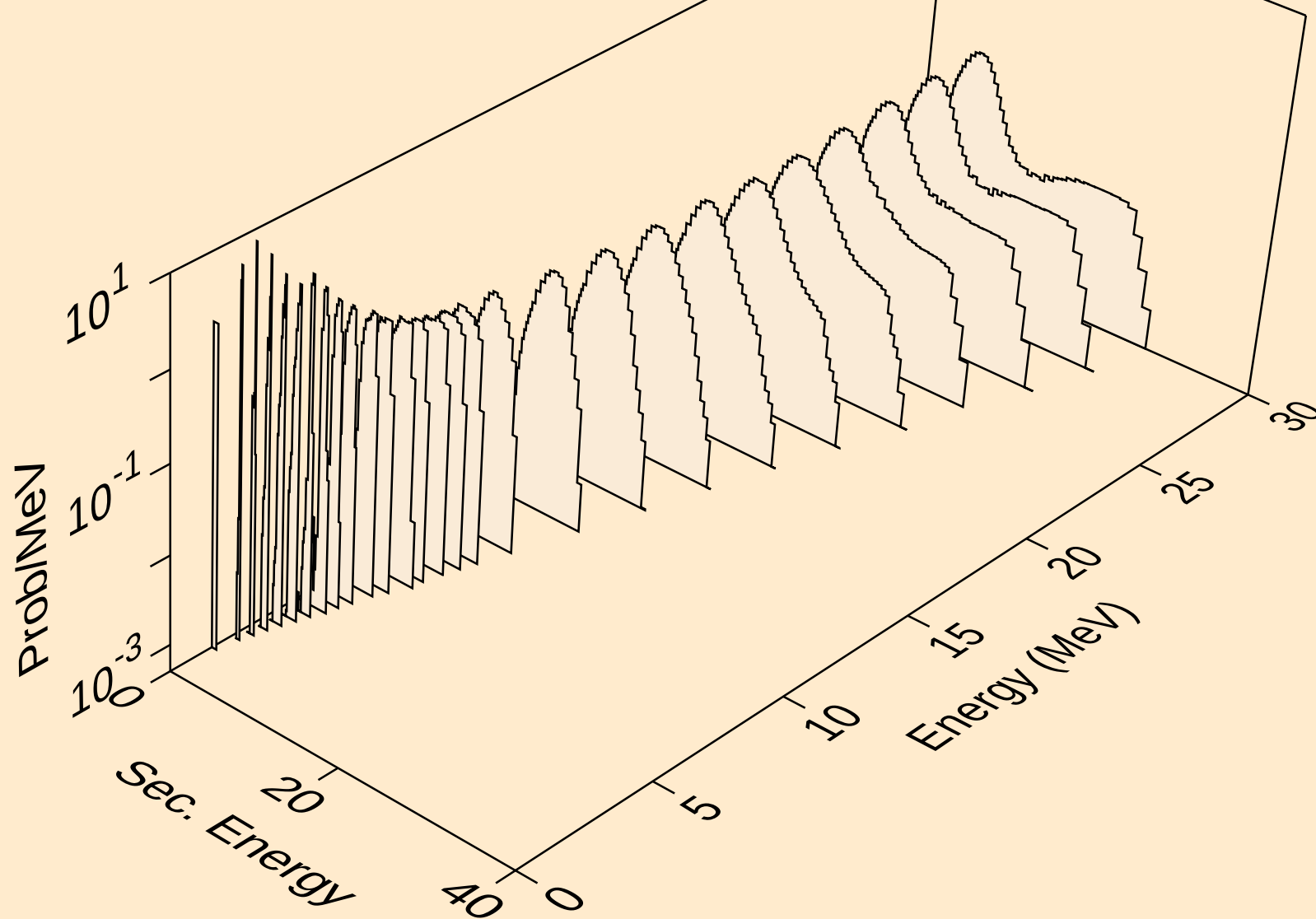
Particle production cross sections



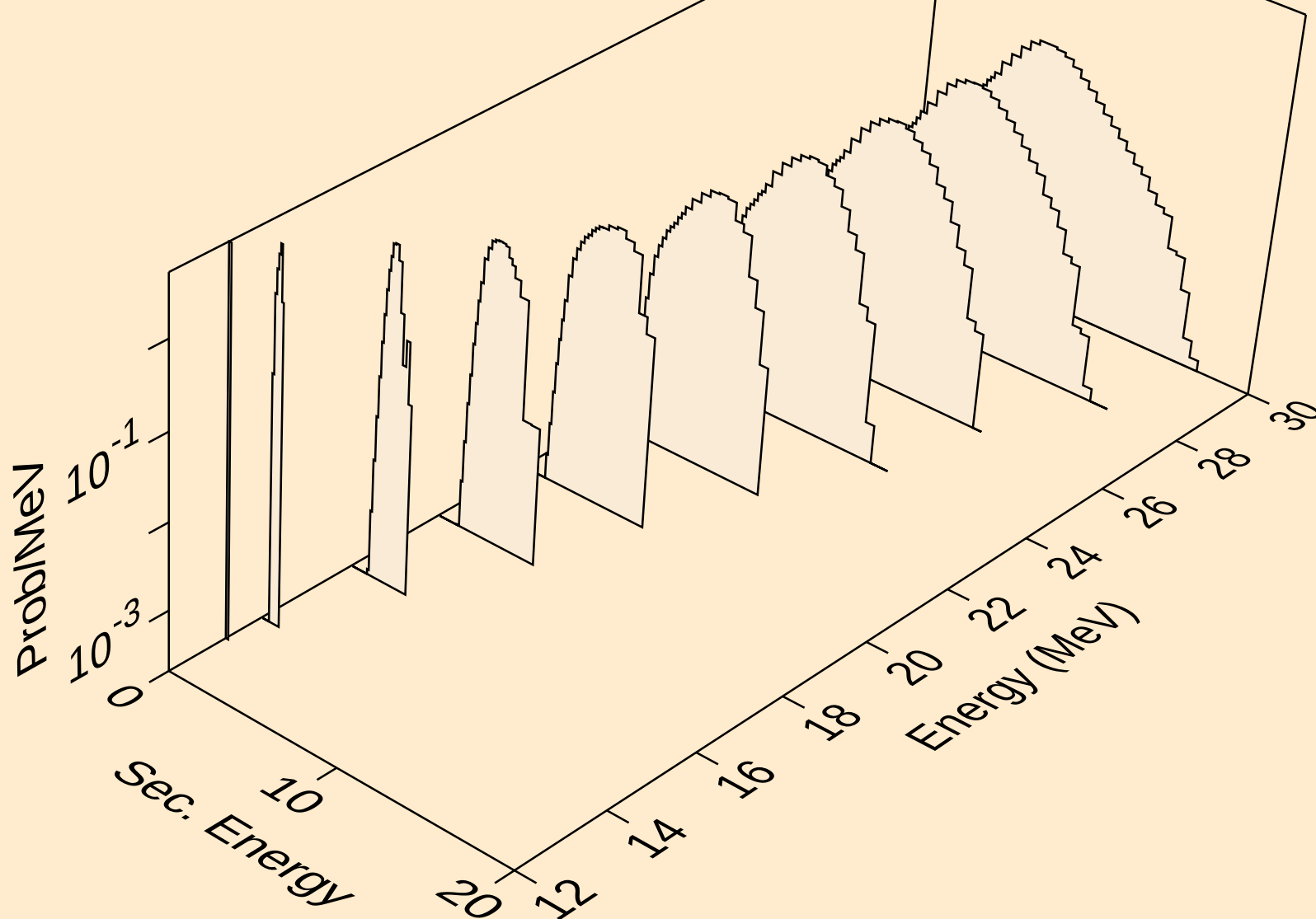
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



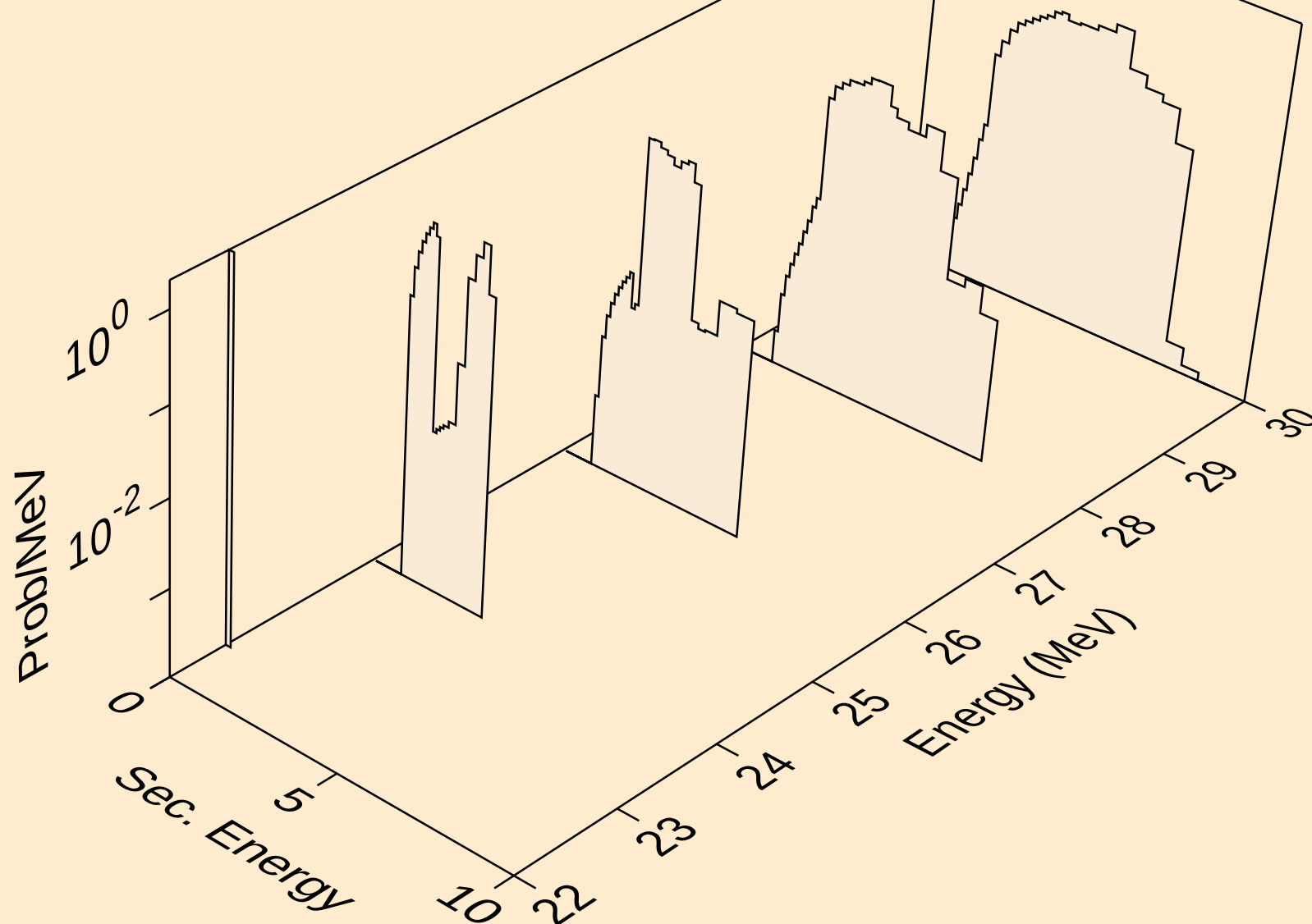
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



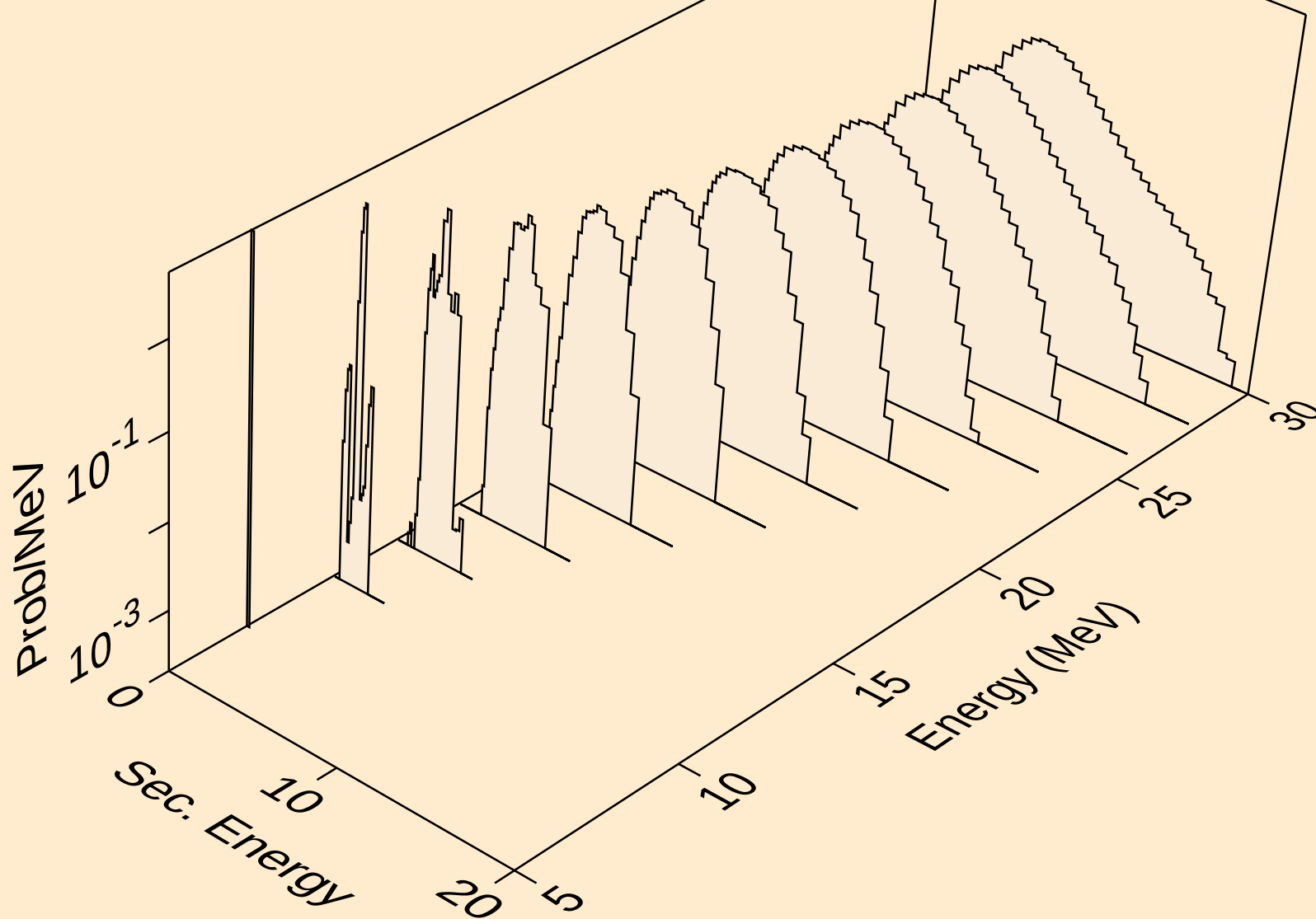
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protons from (n,2np)



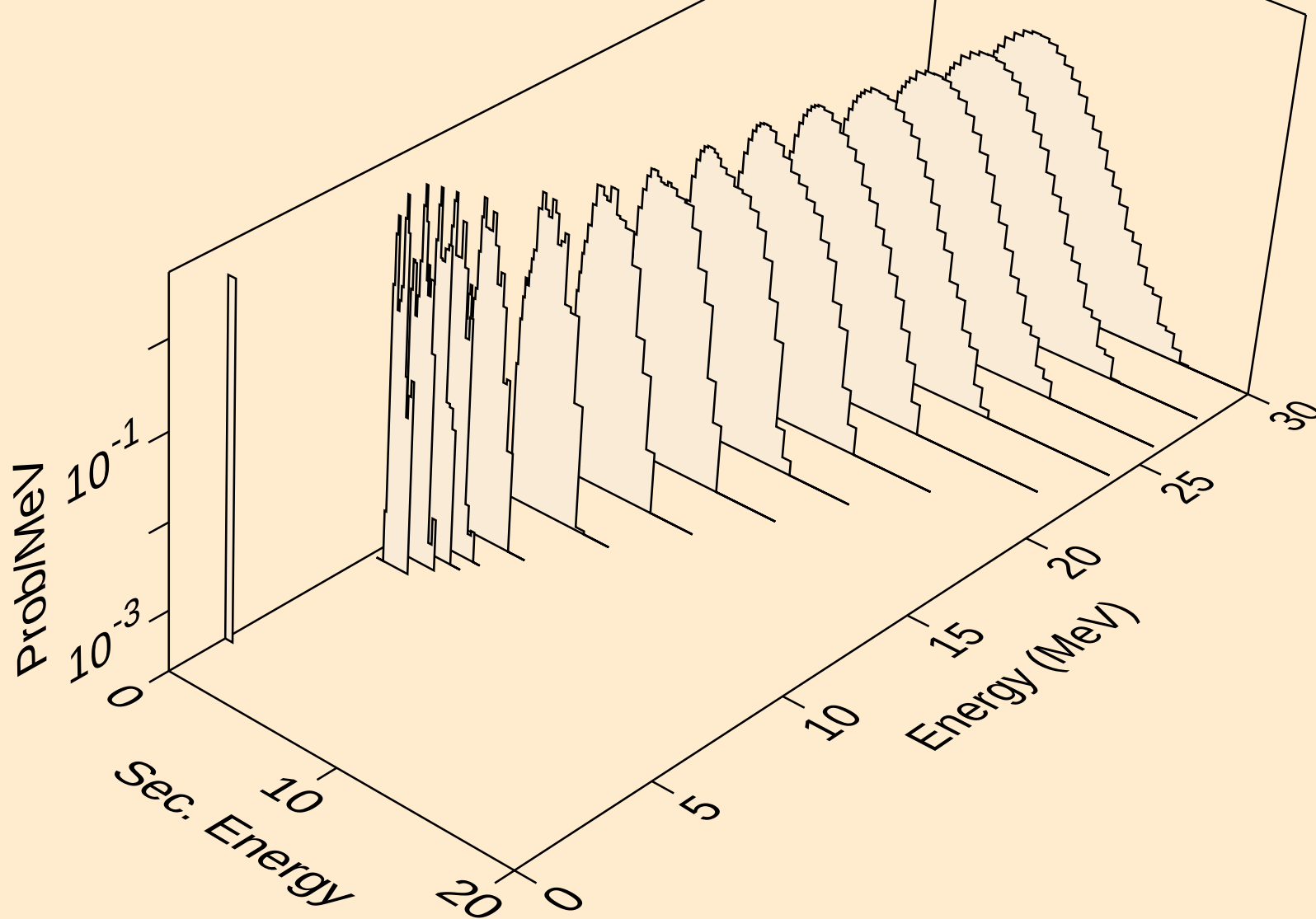
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protons from (n,3np)



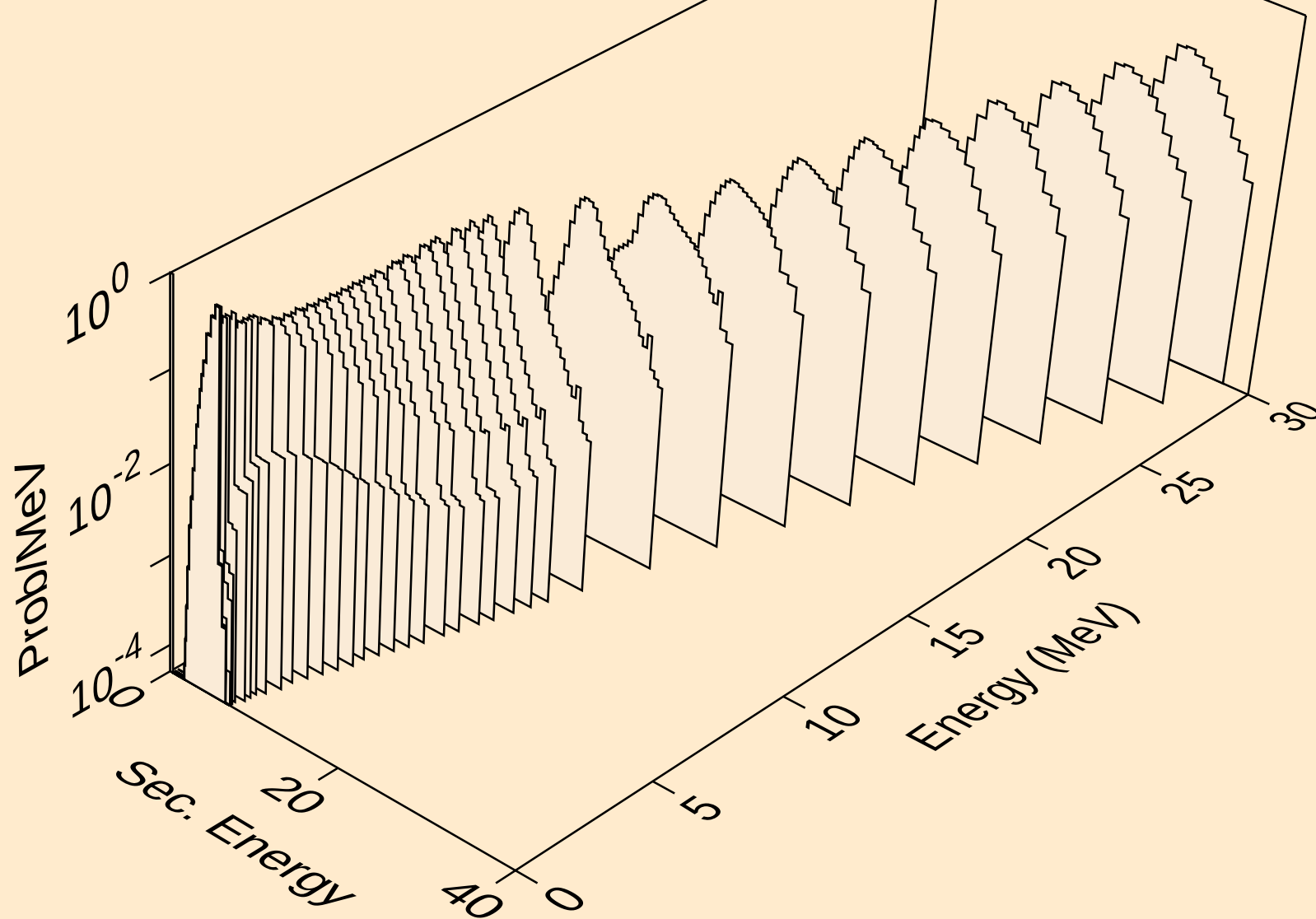
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protons from (n,2np)



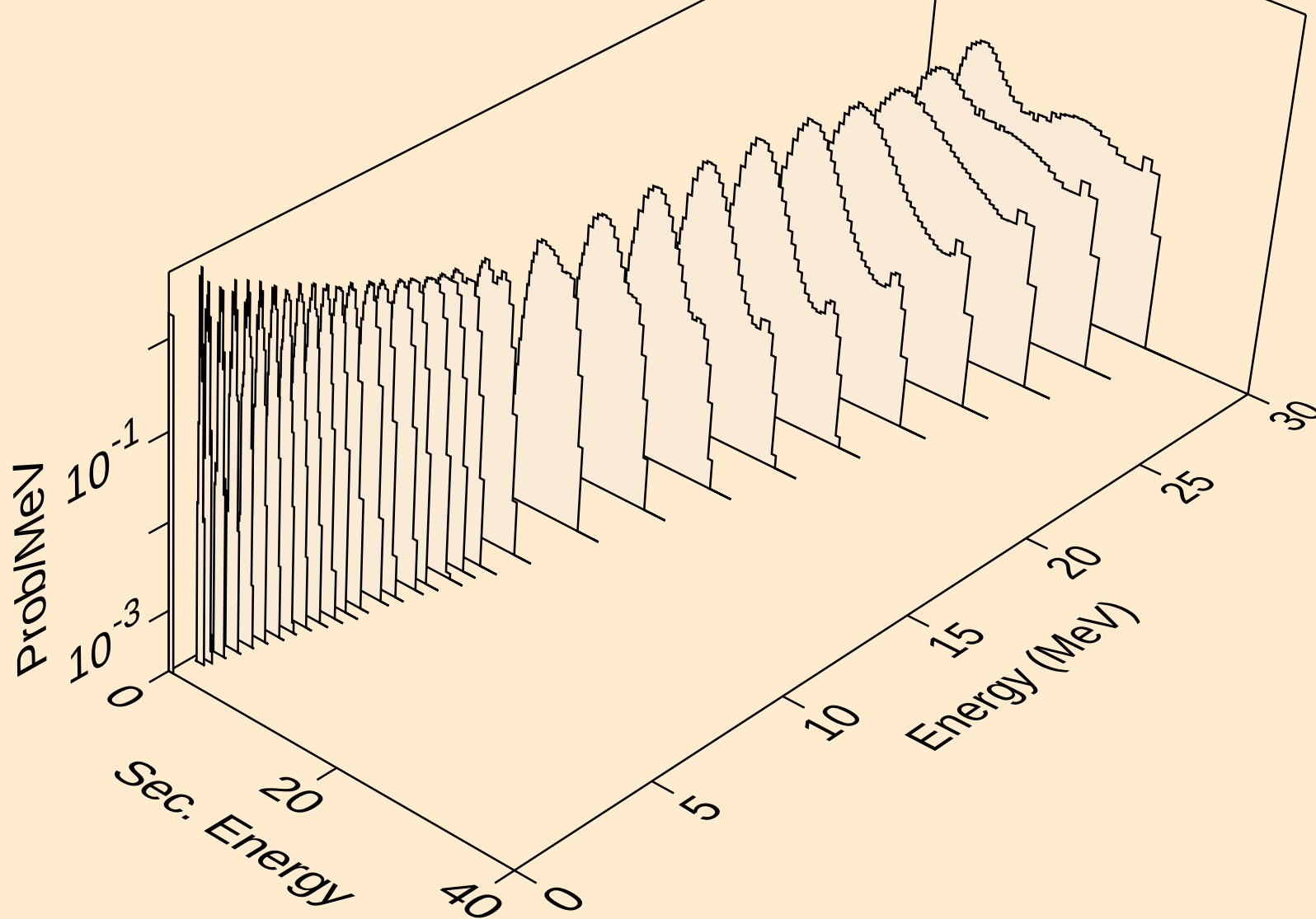
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protons from (n,npa)



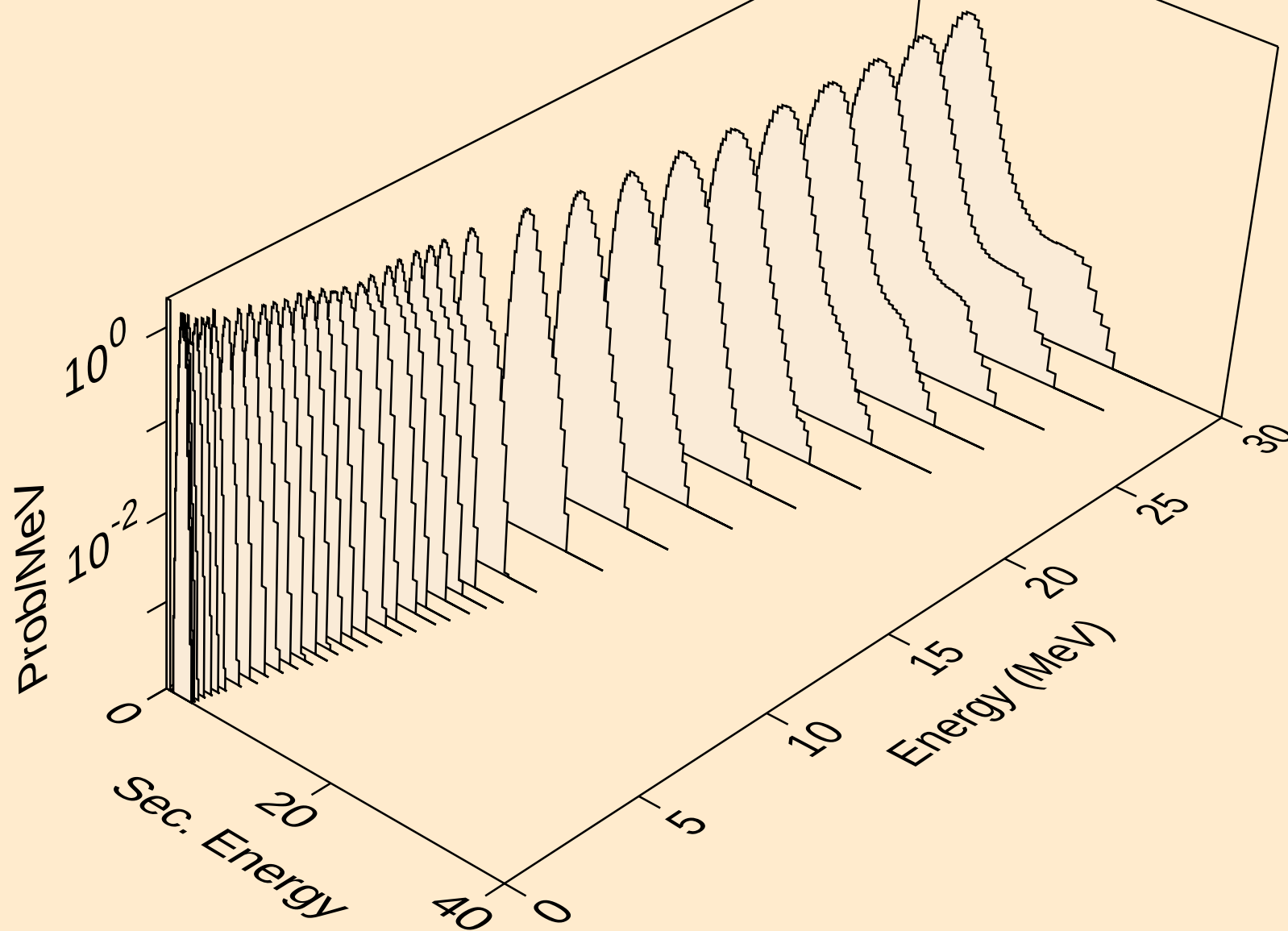
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protons from (n,p)



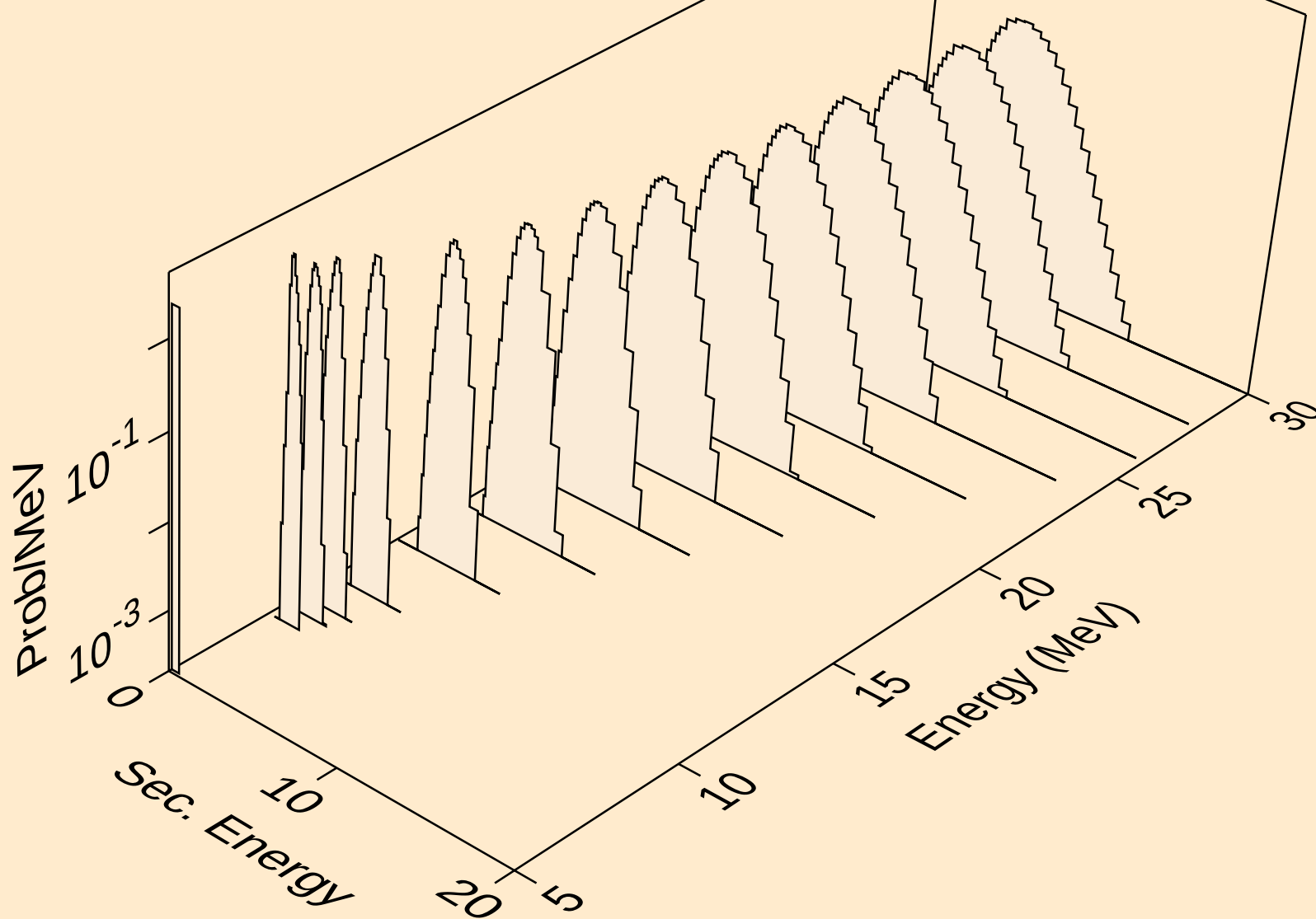
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protons from (n,2p)



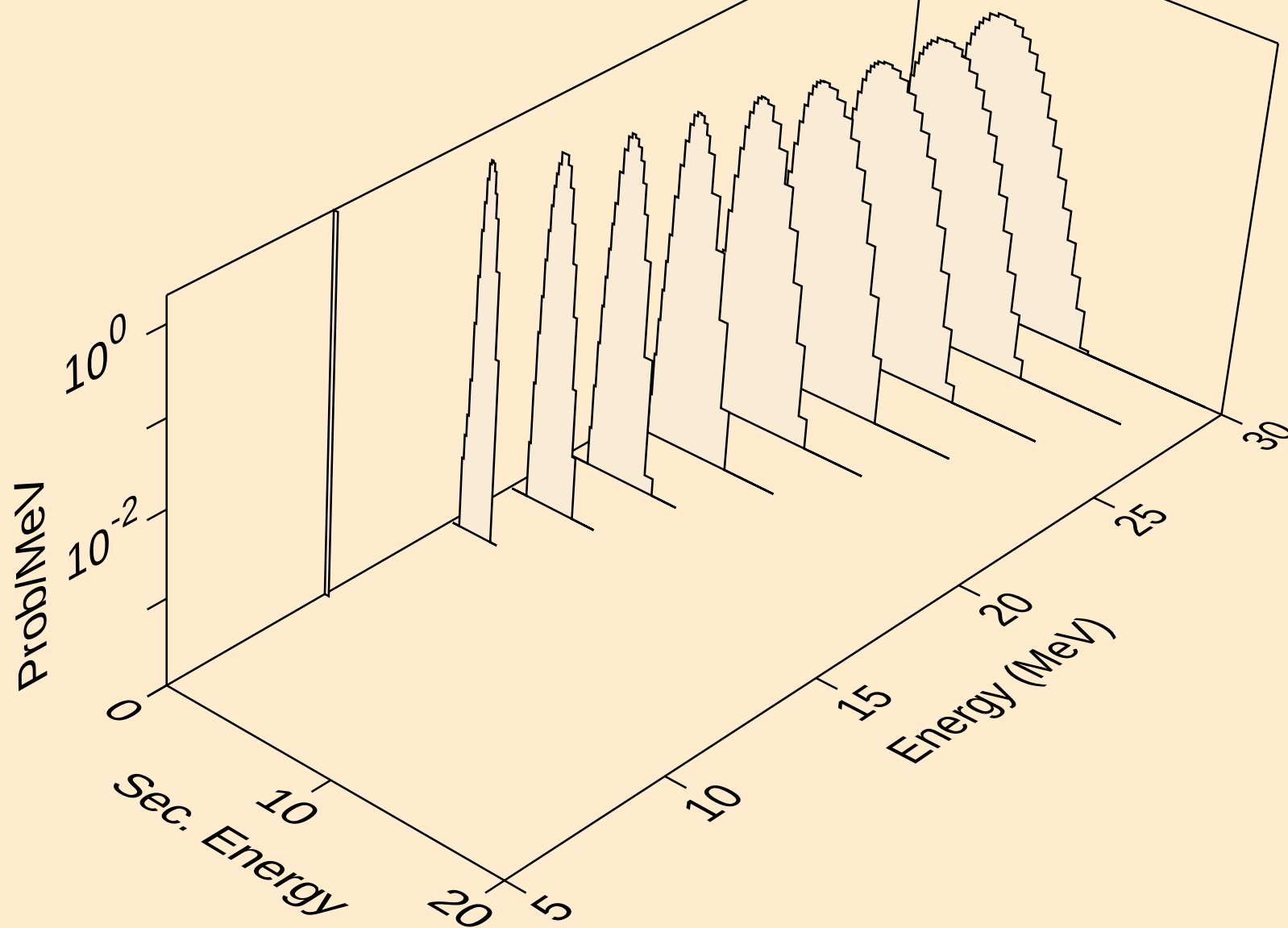
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protons from (n,p)



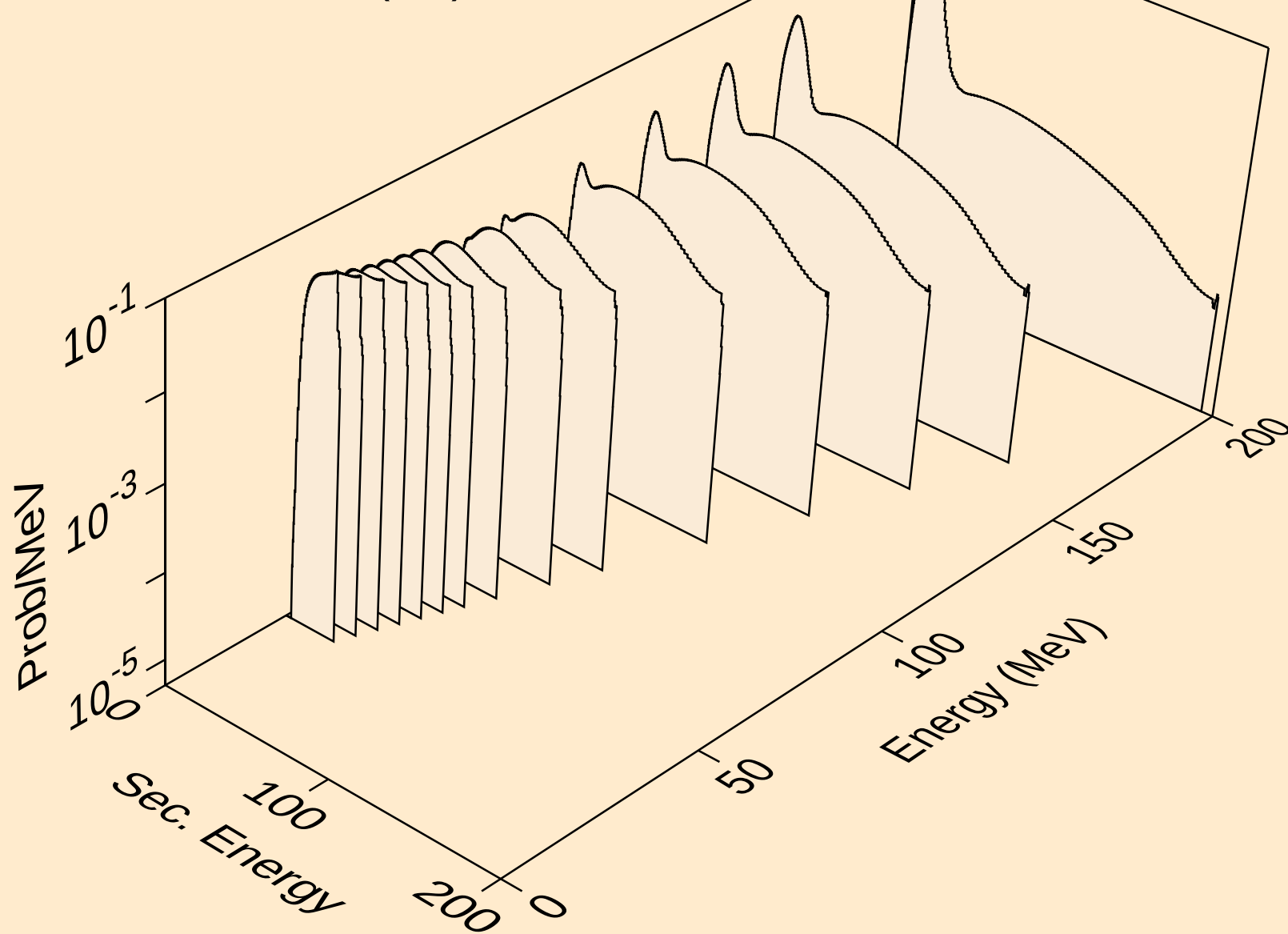
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protons from (n,pd)



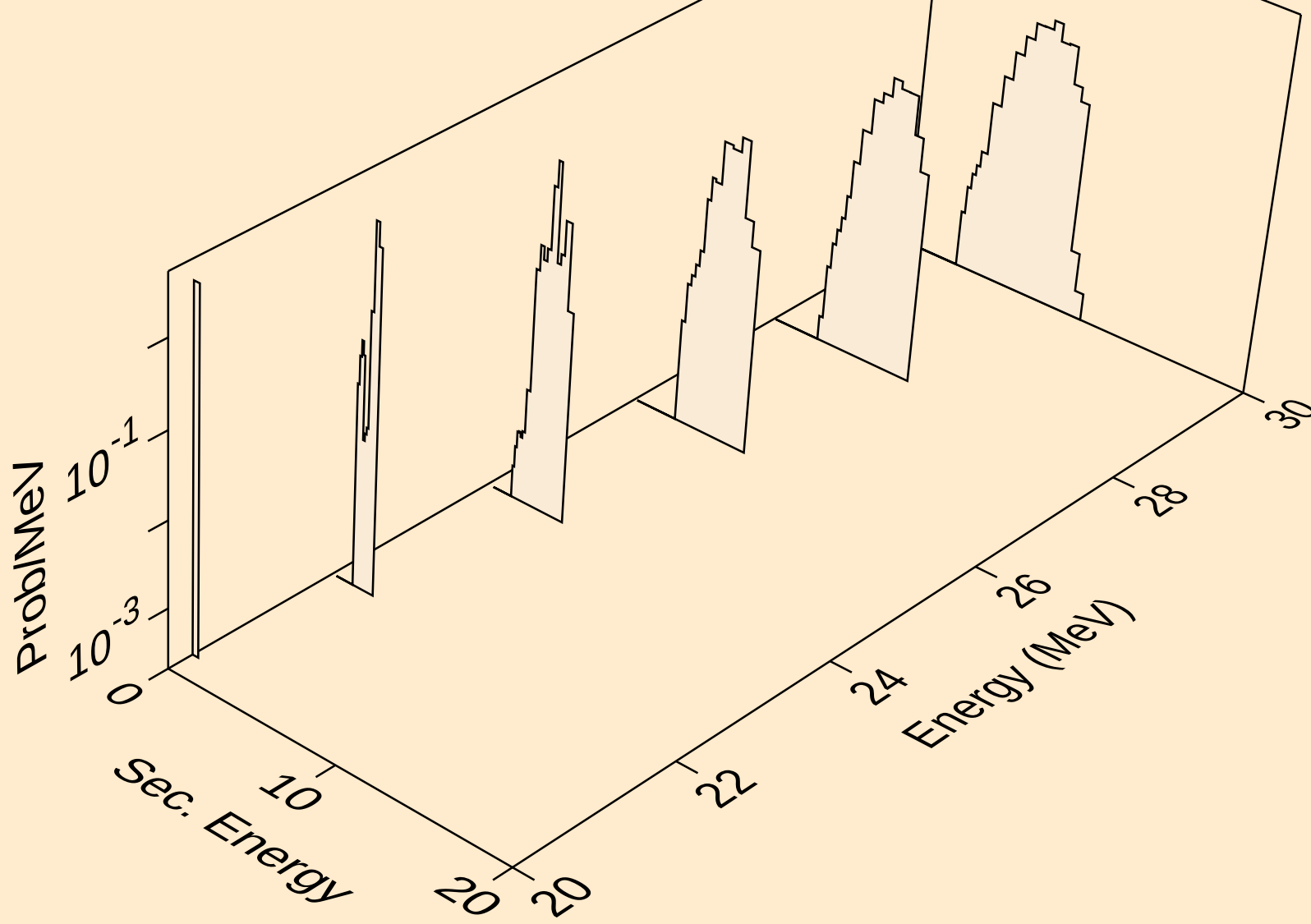
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



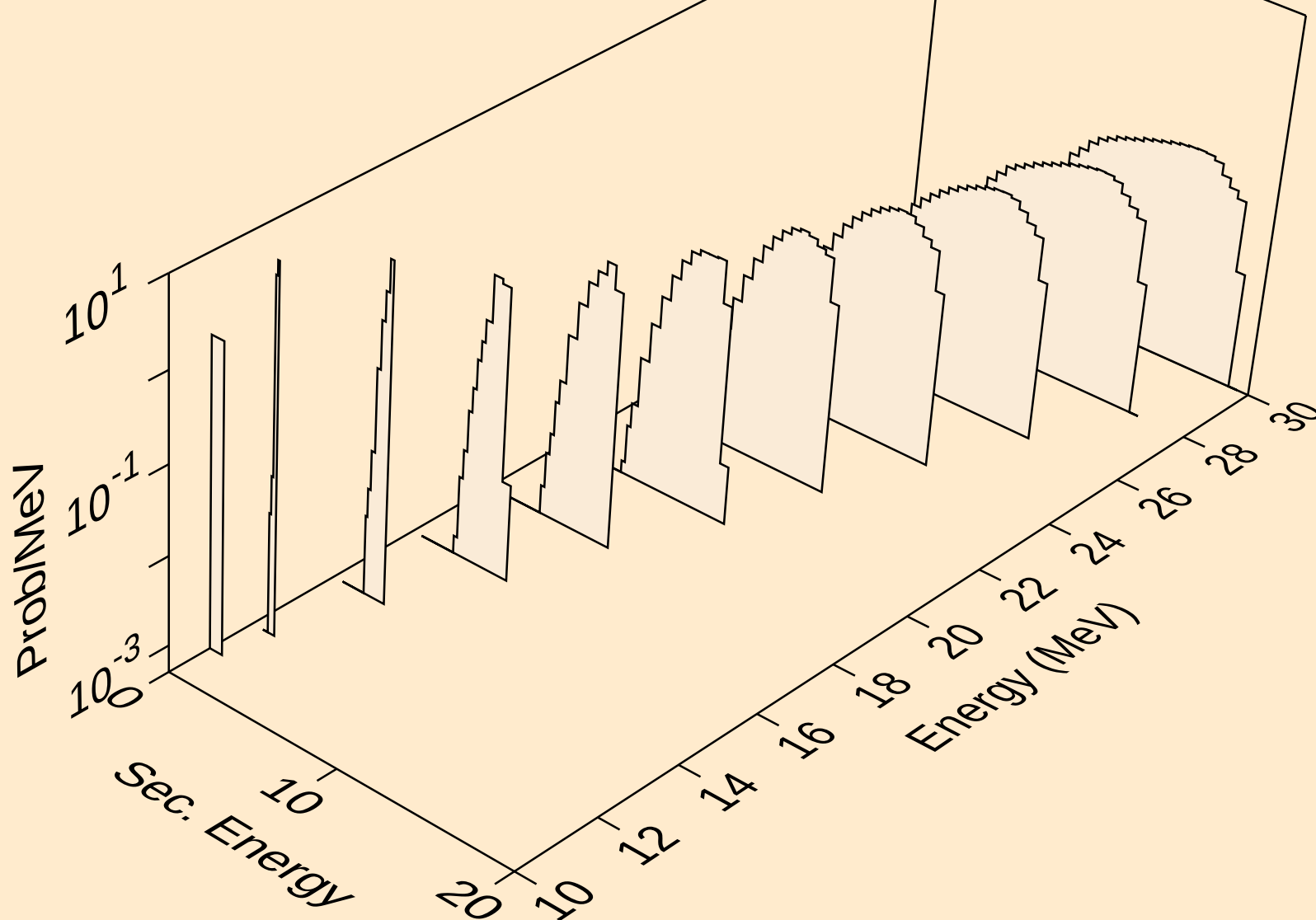
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



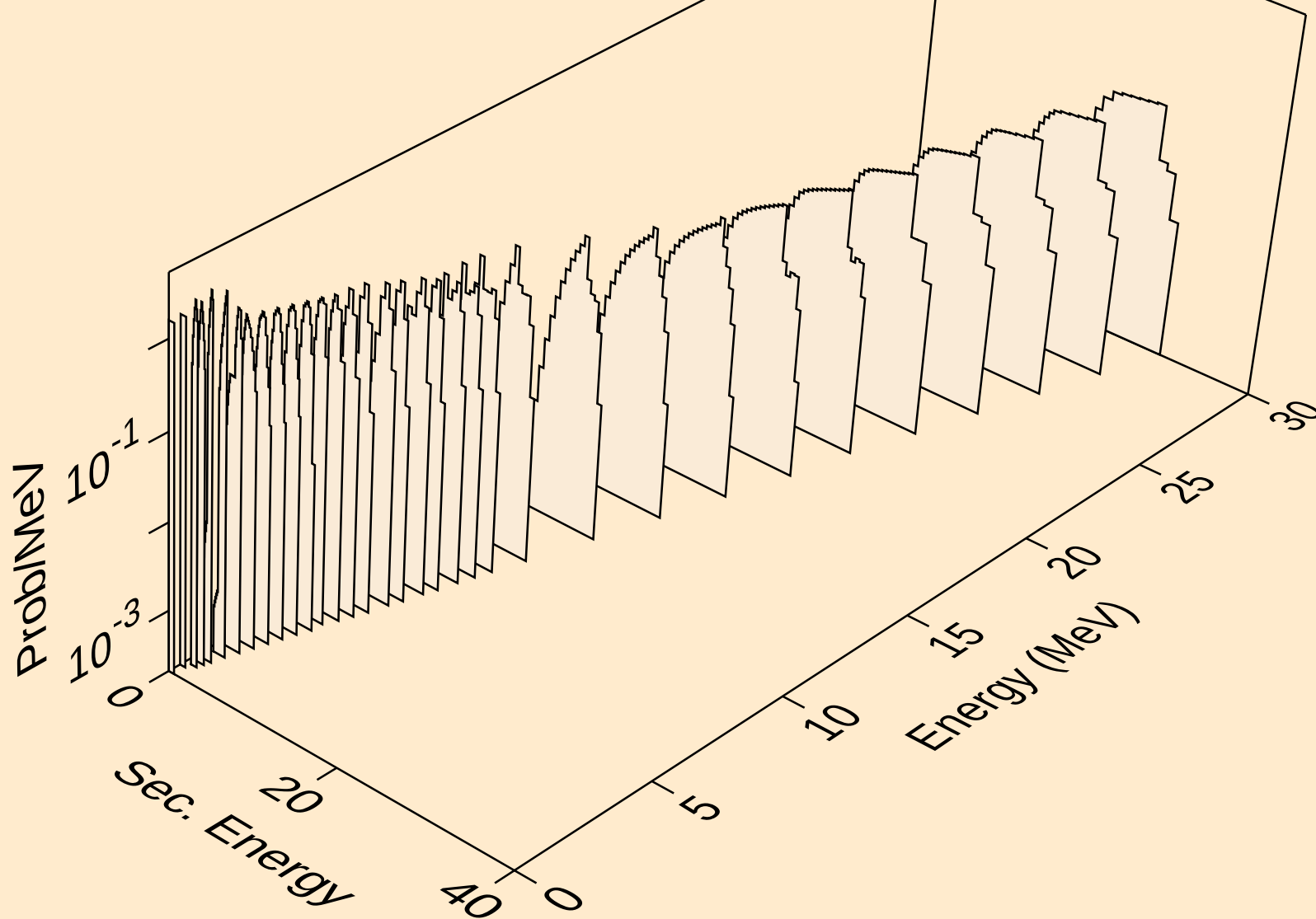
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



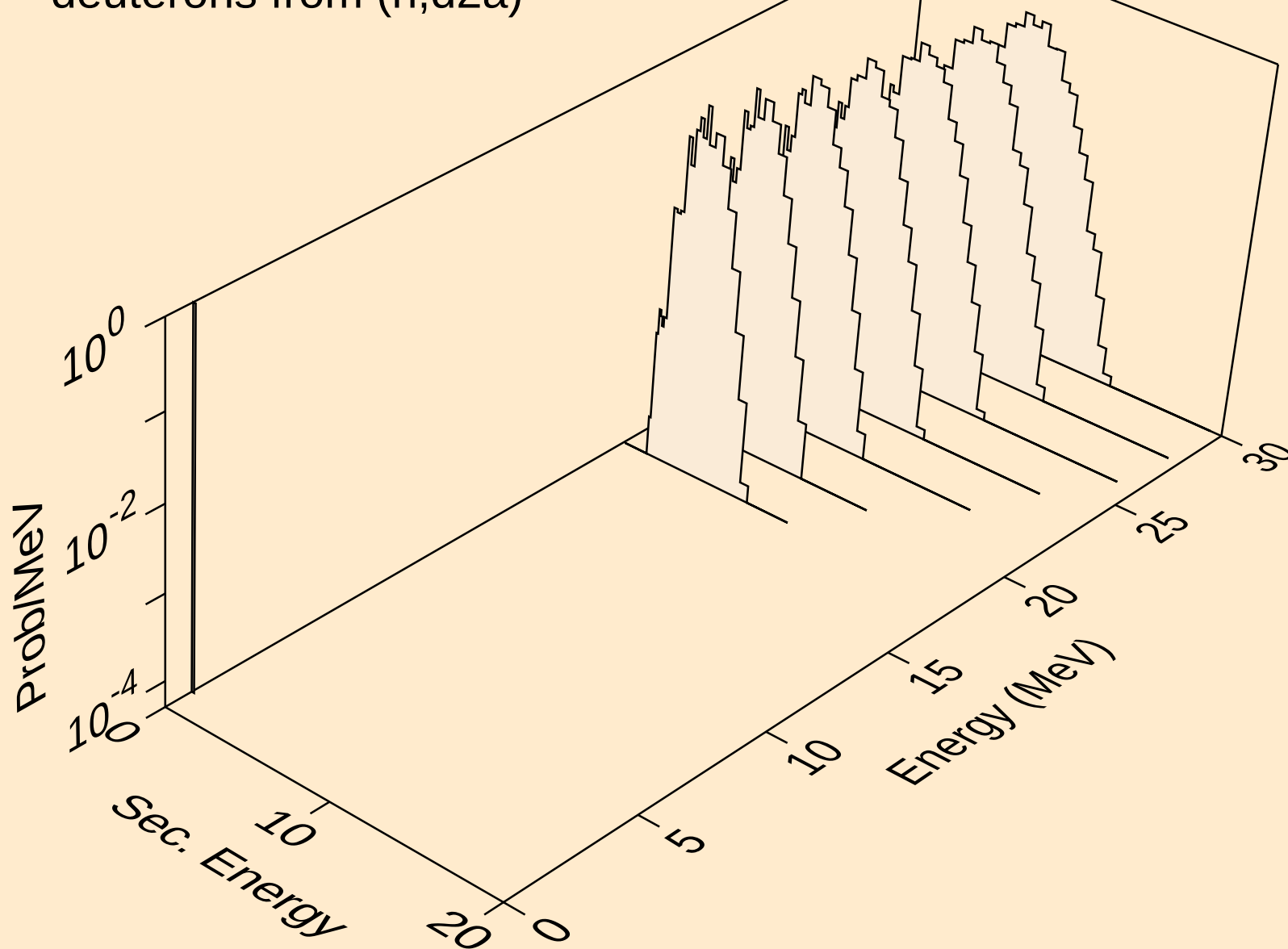
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



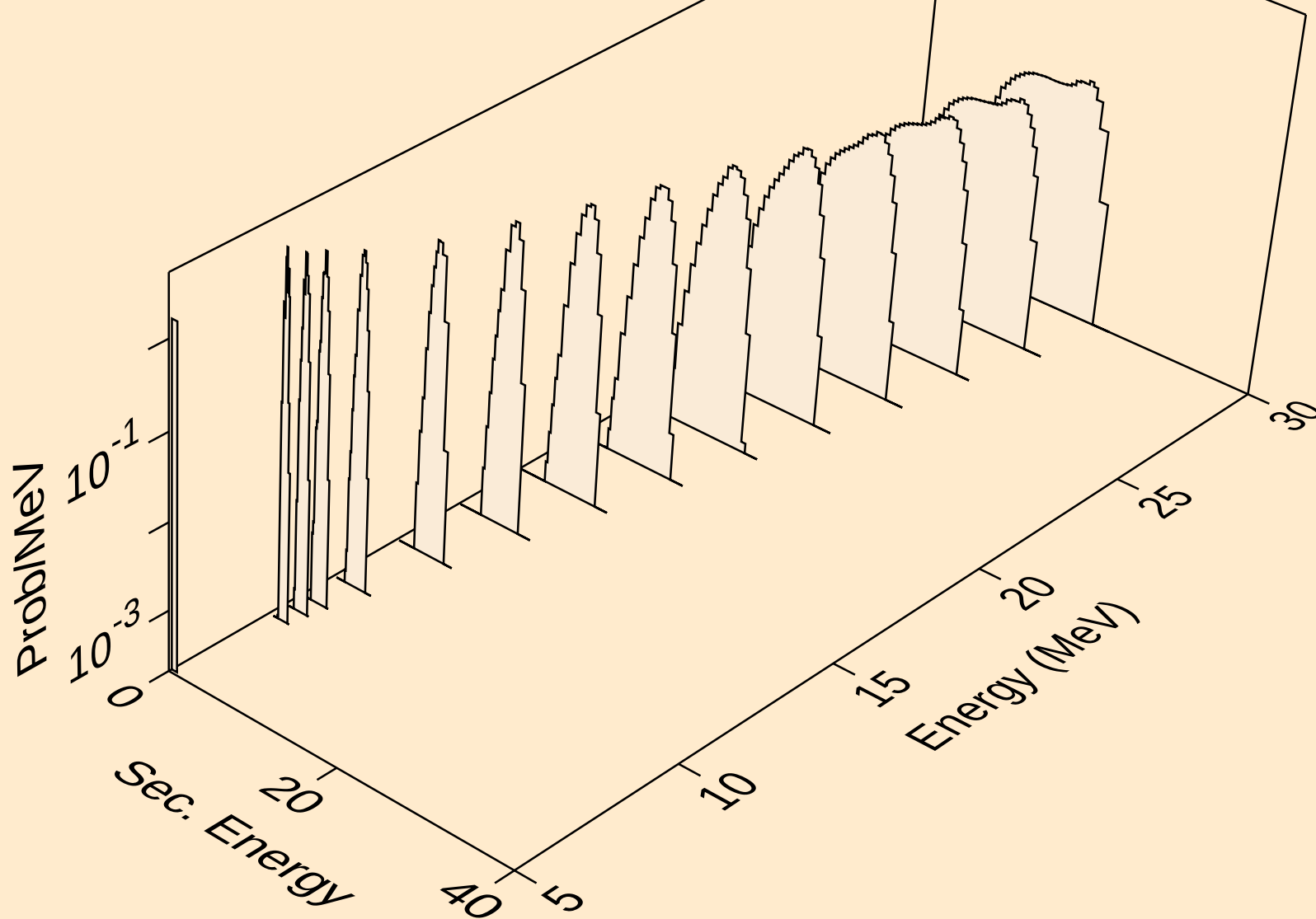
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deuterons from (n,d)



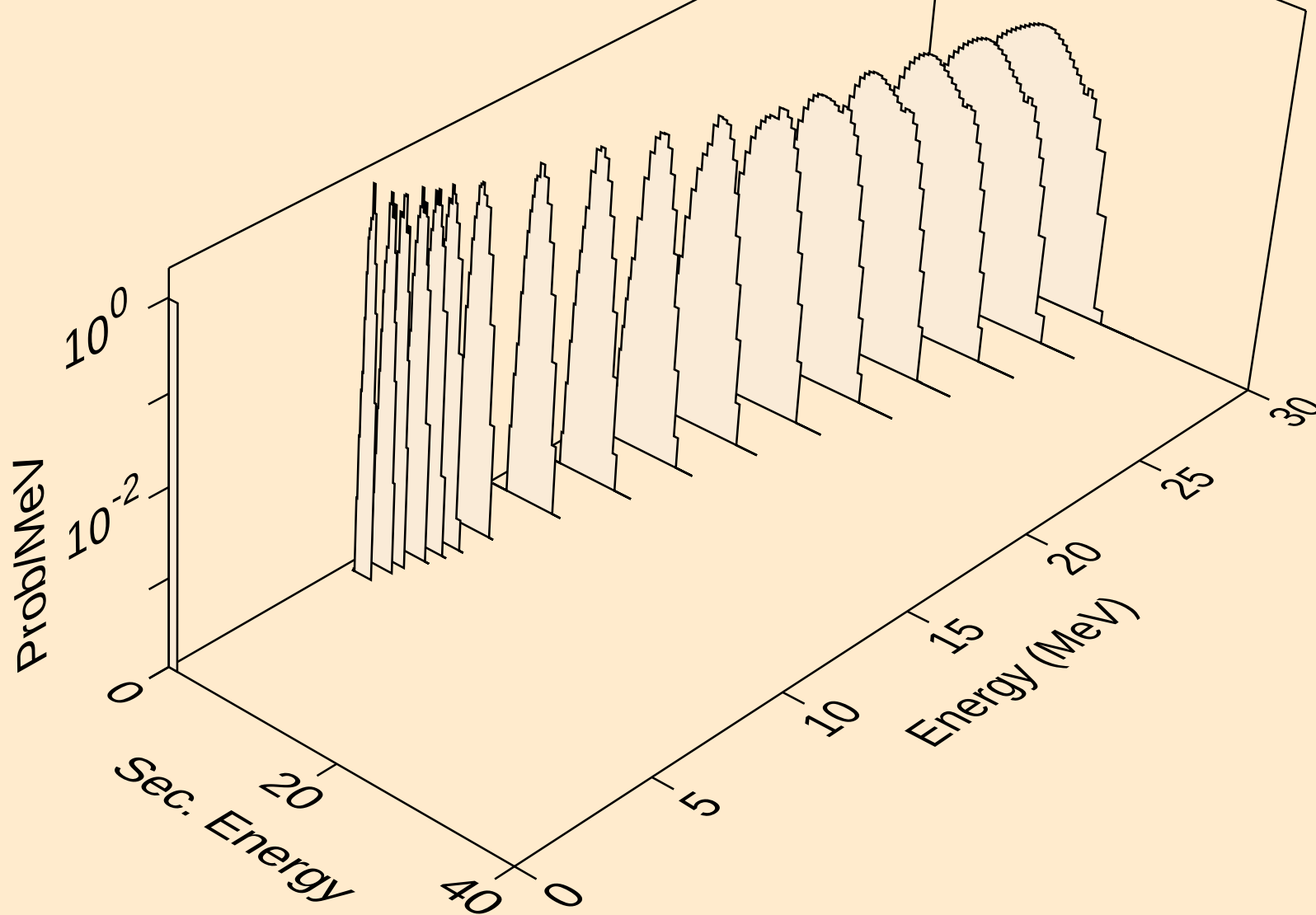
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deuterons from (n,d2a)



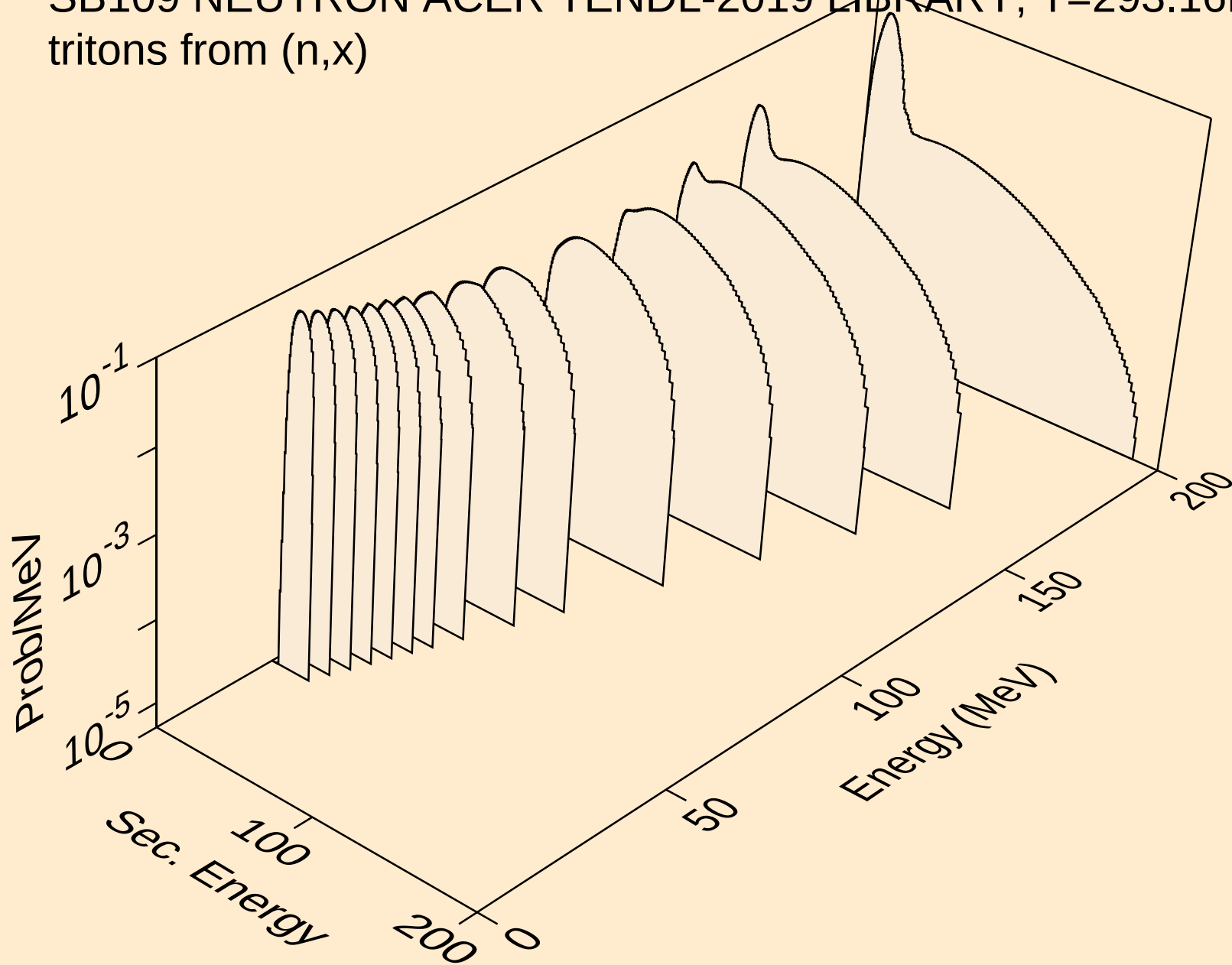
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deuterons from (n,pd)



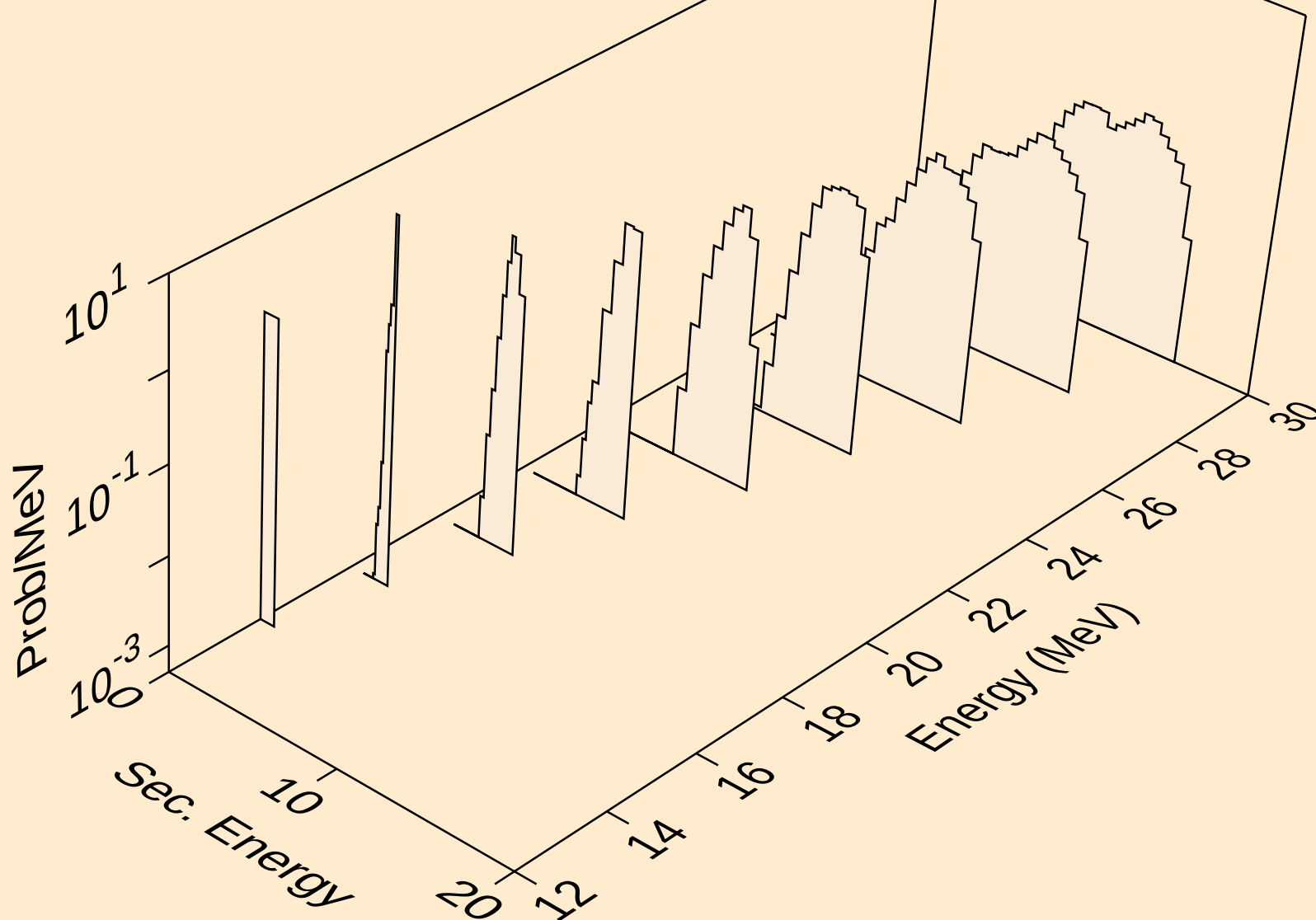
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deuterons from (n,da)



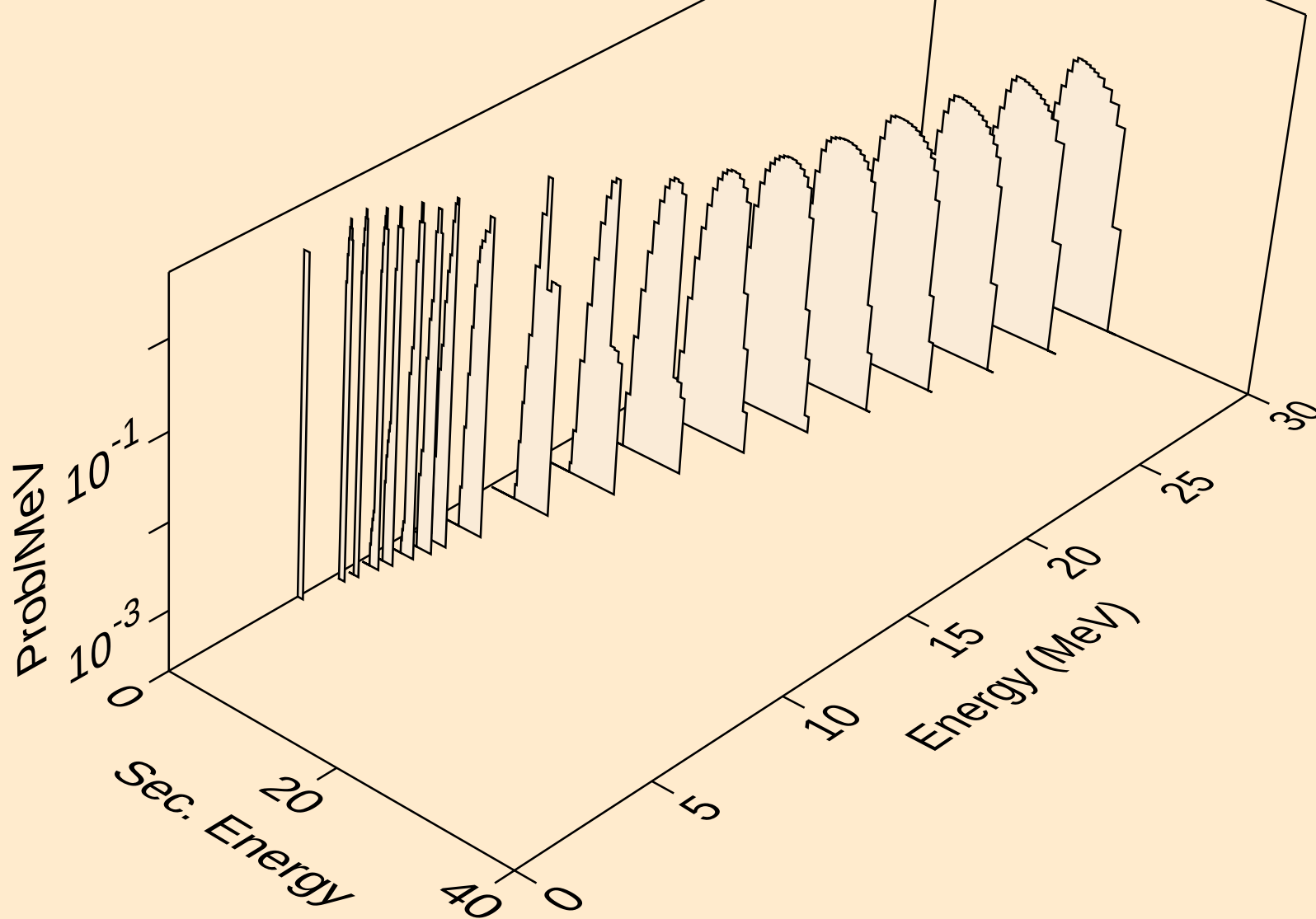
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



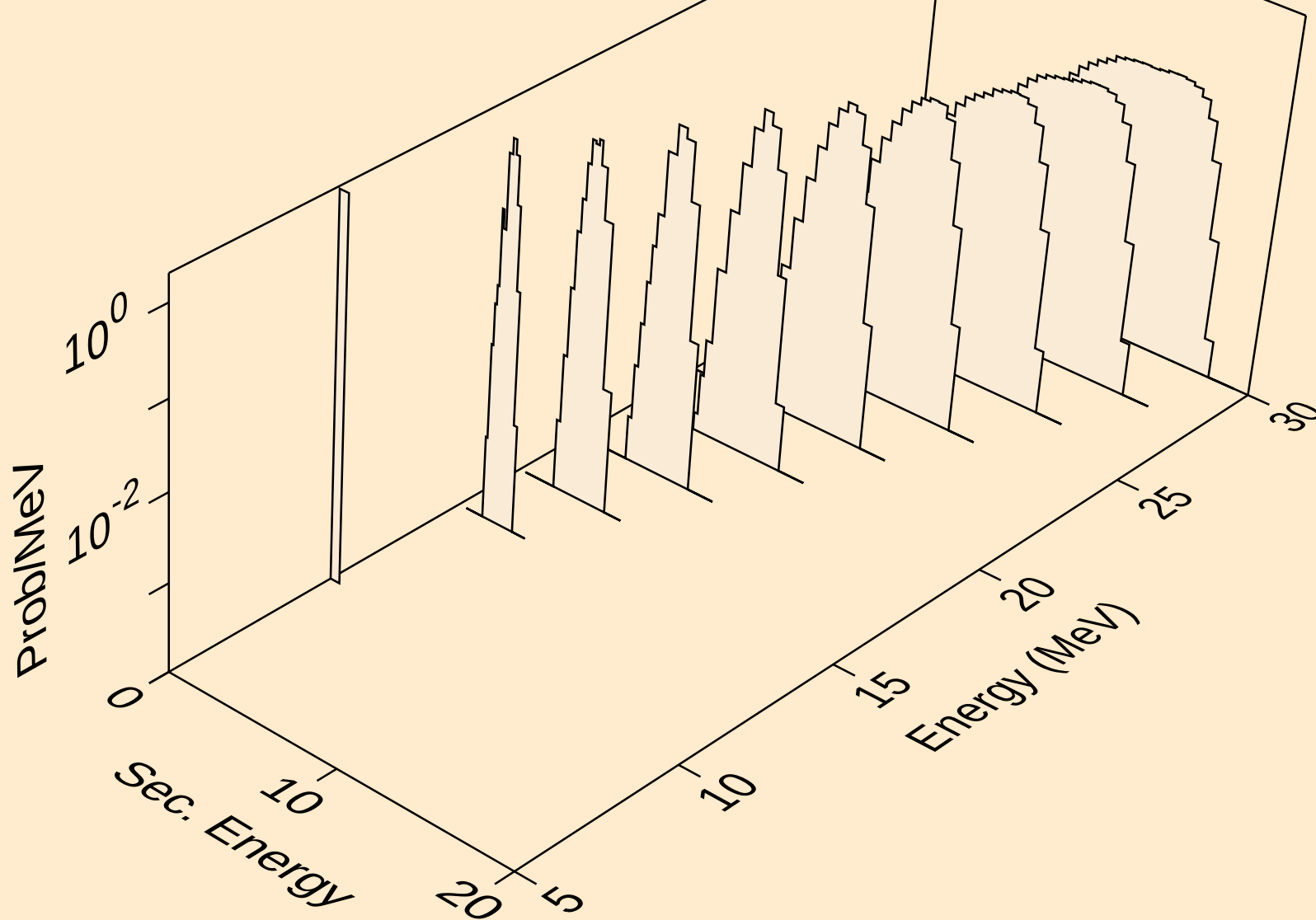
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



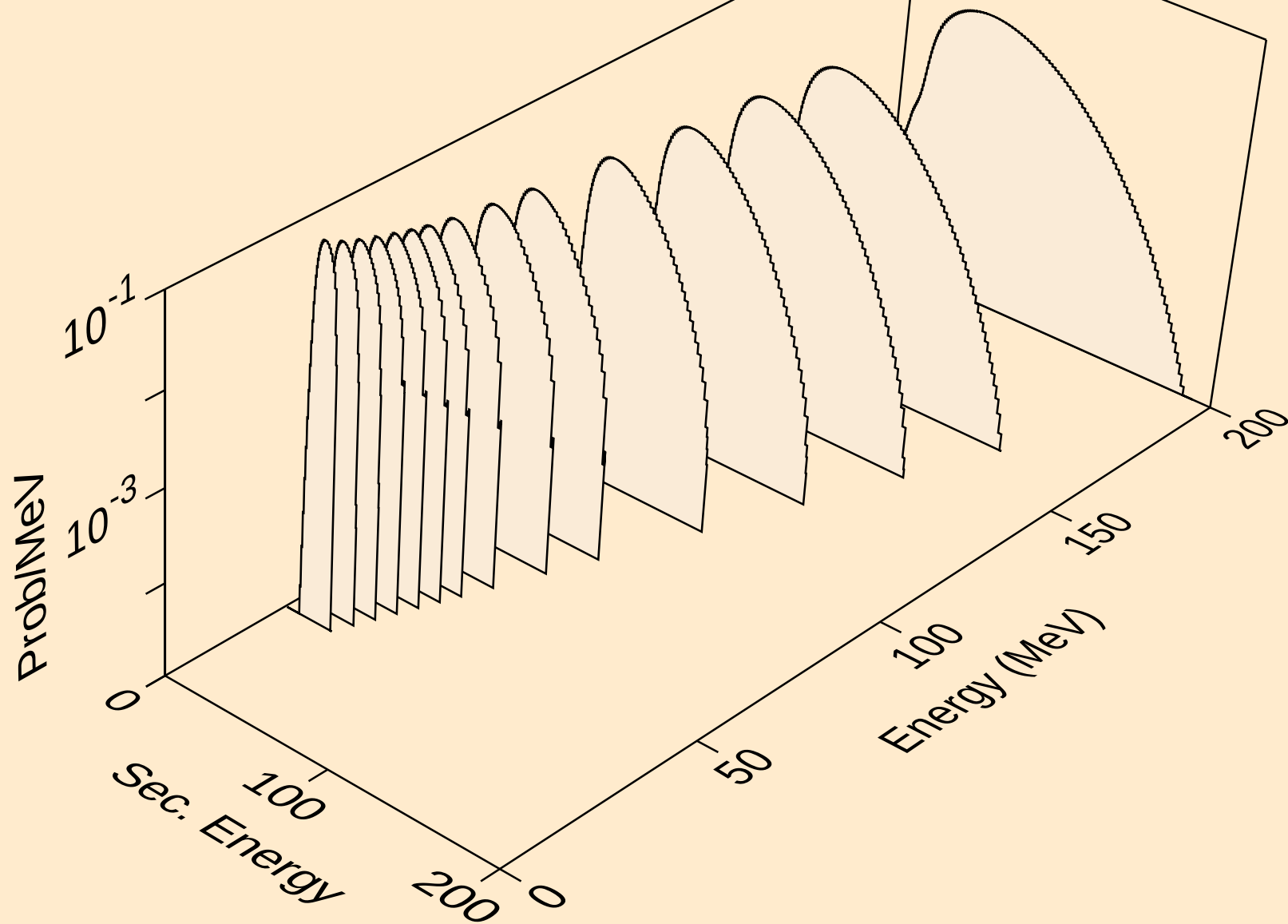
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



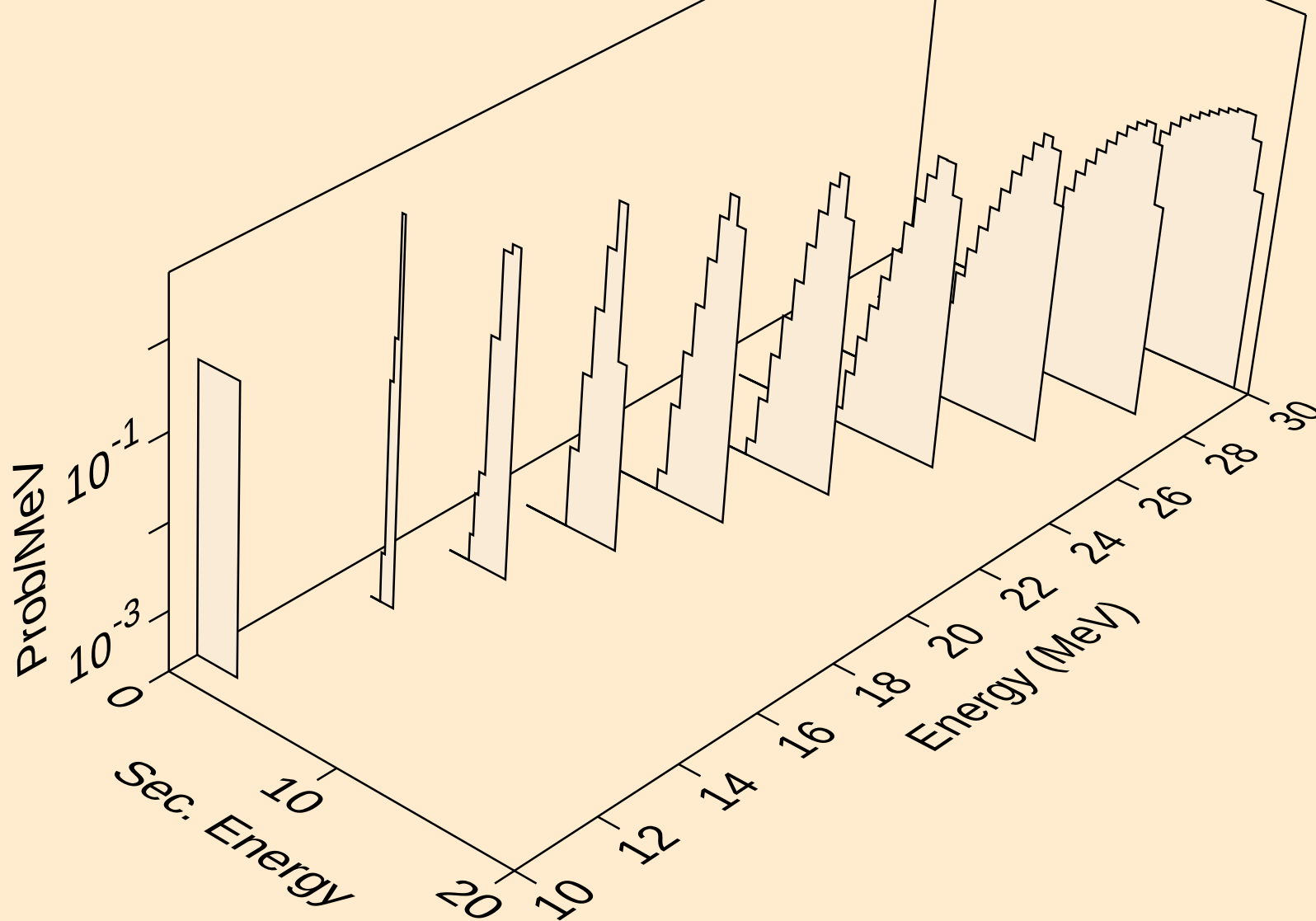
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



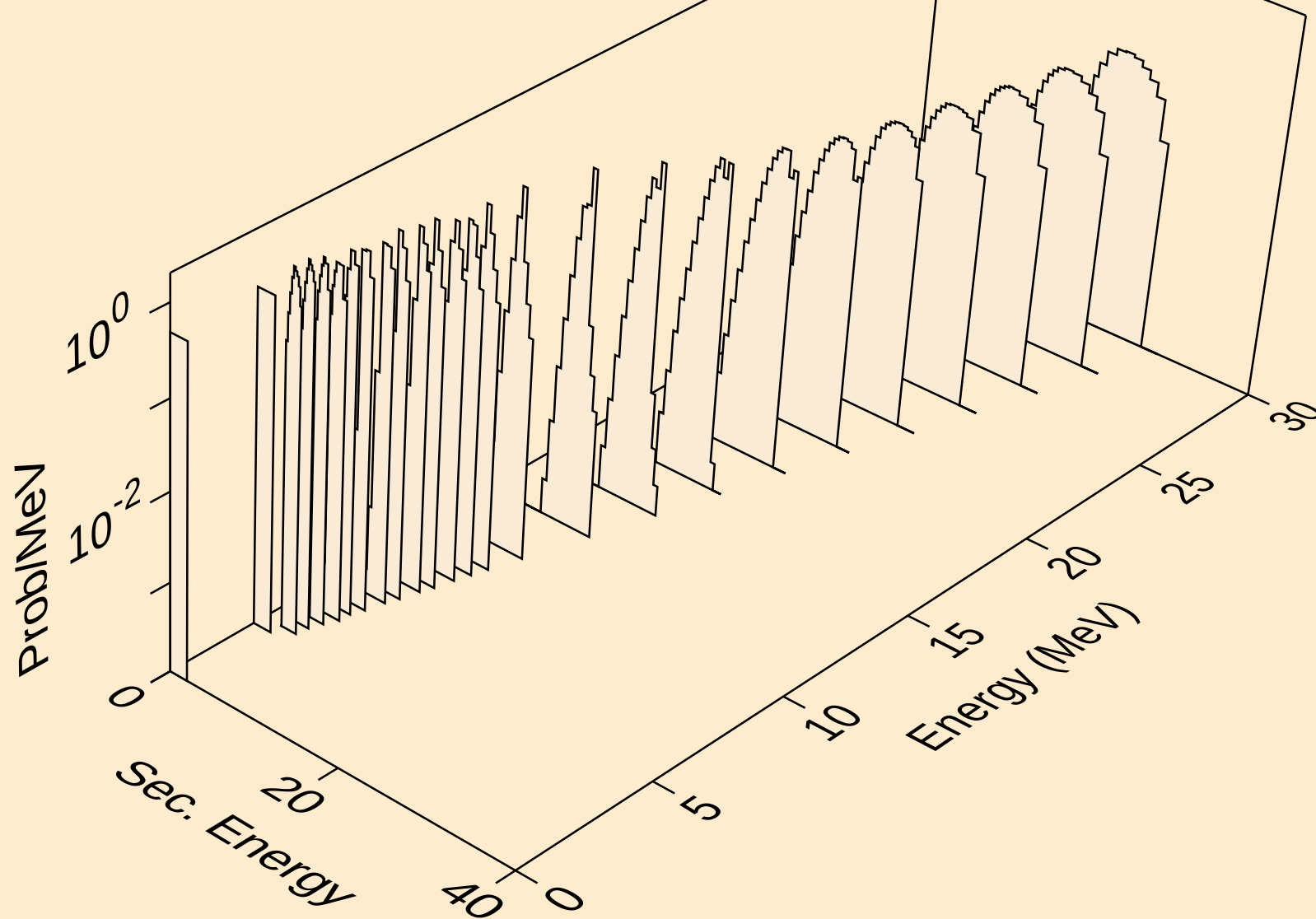
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



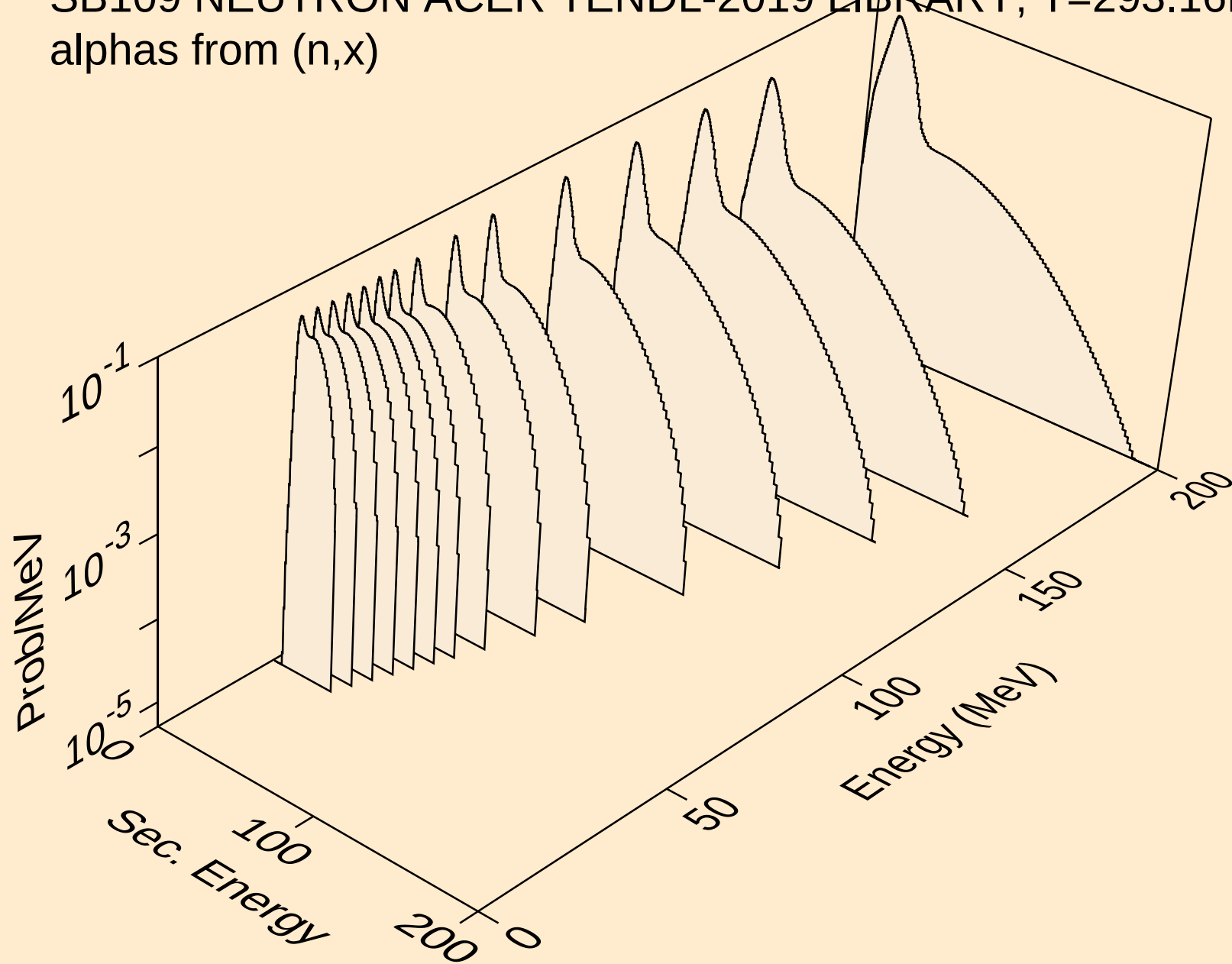
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



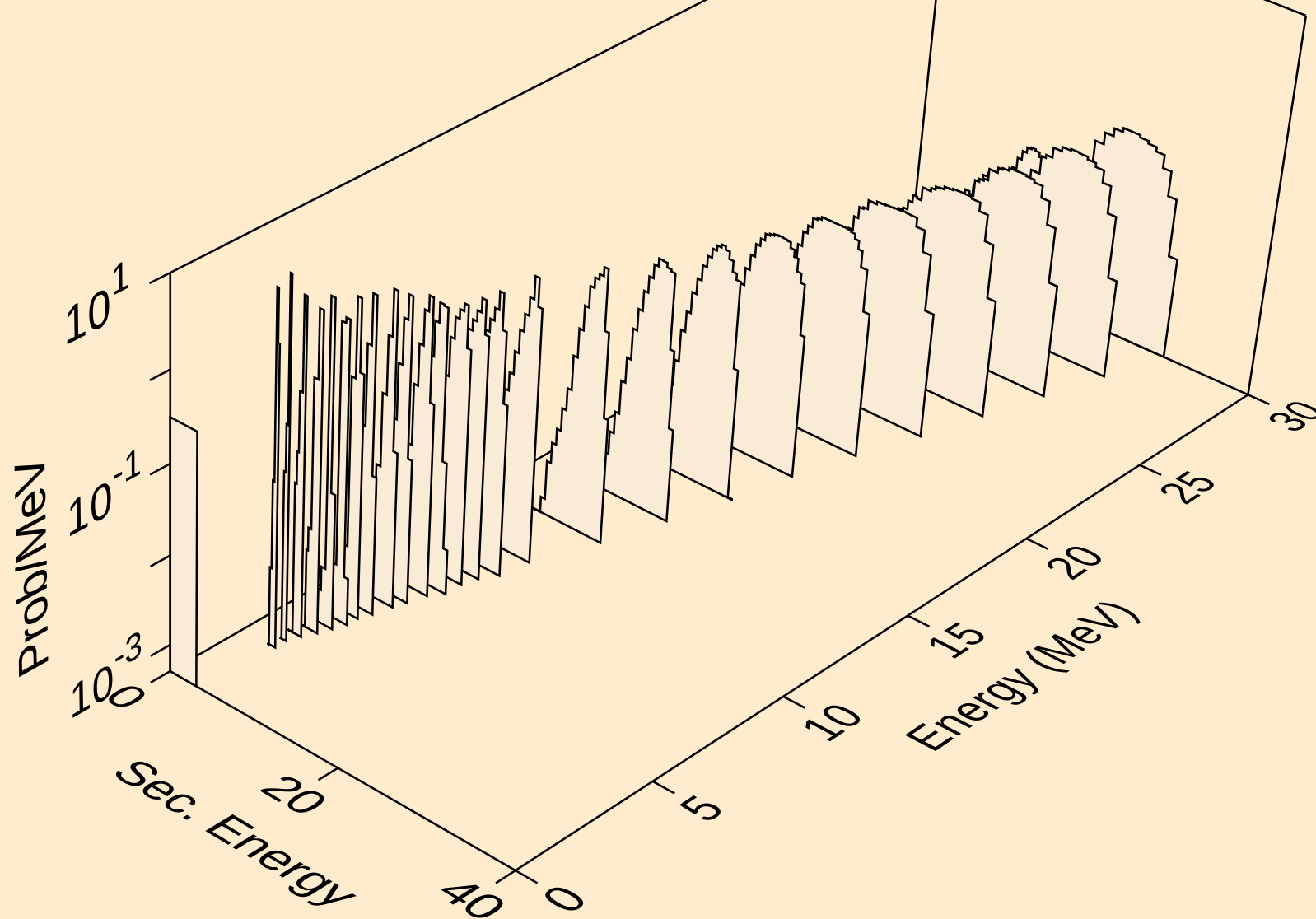
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



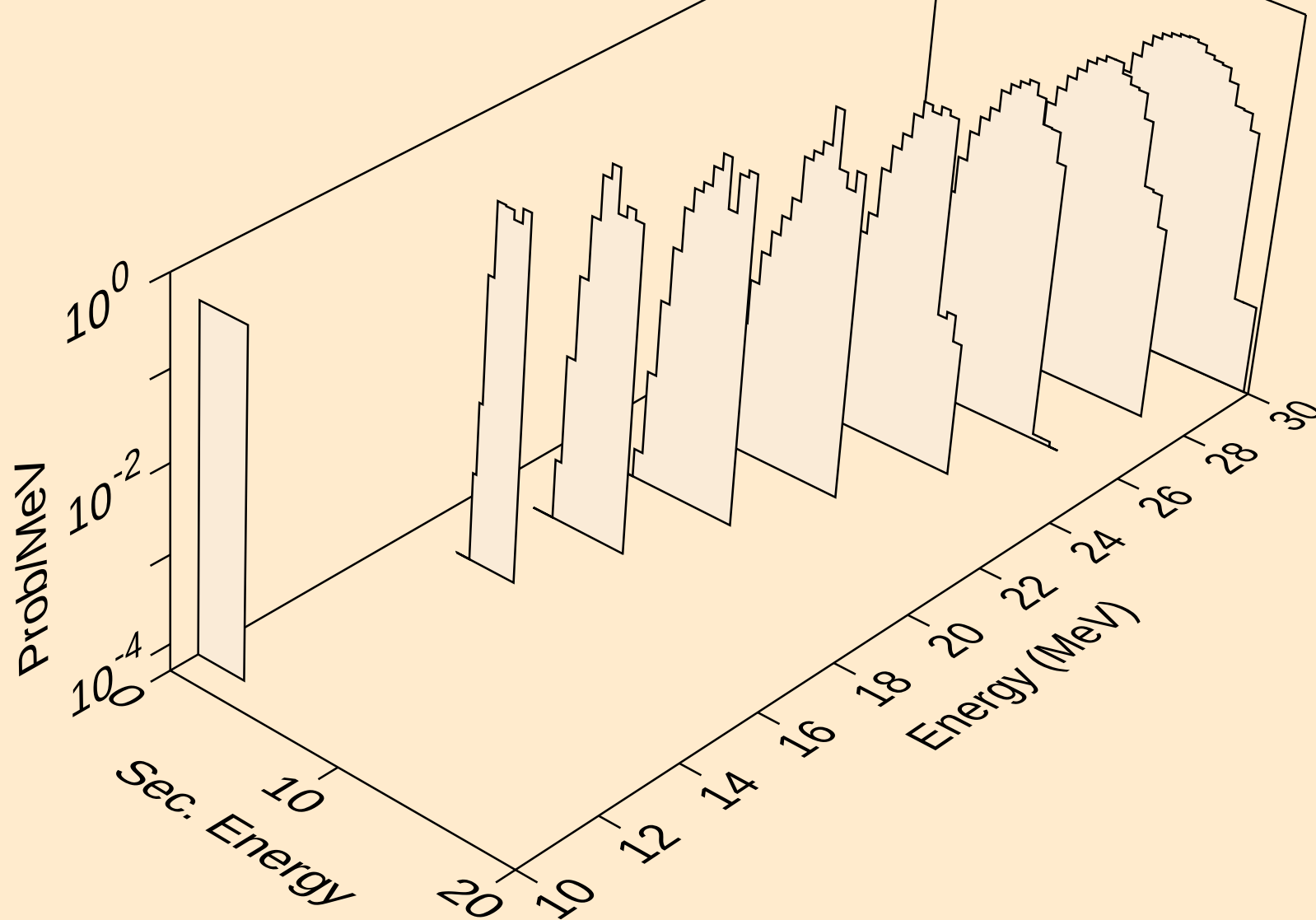
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



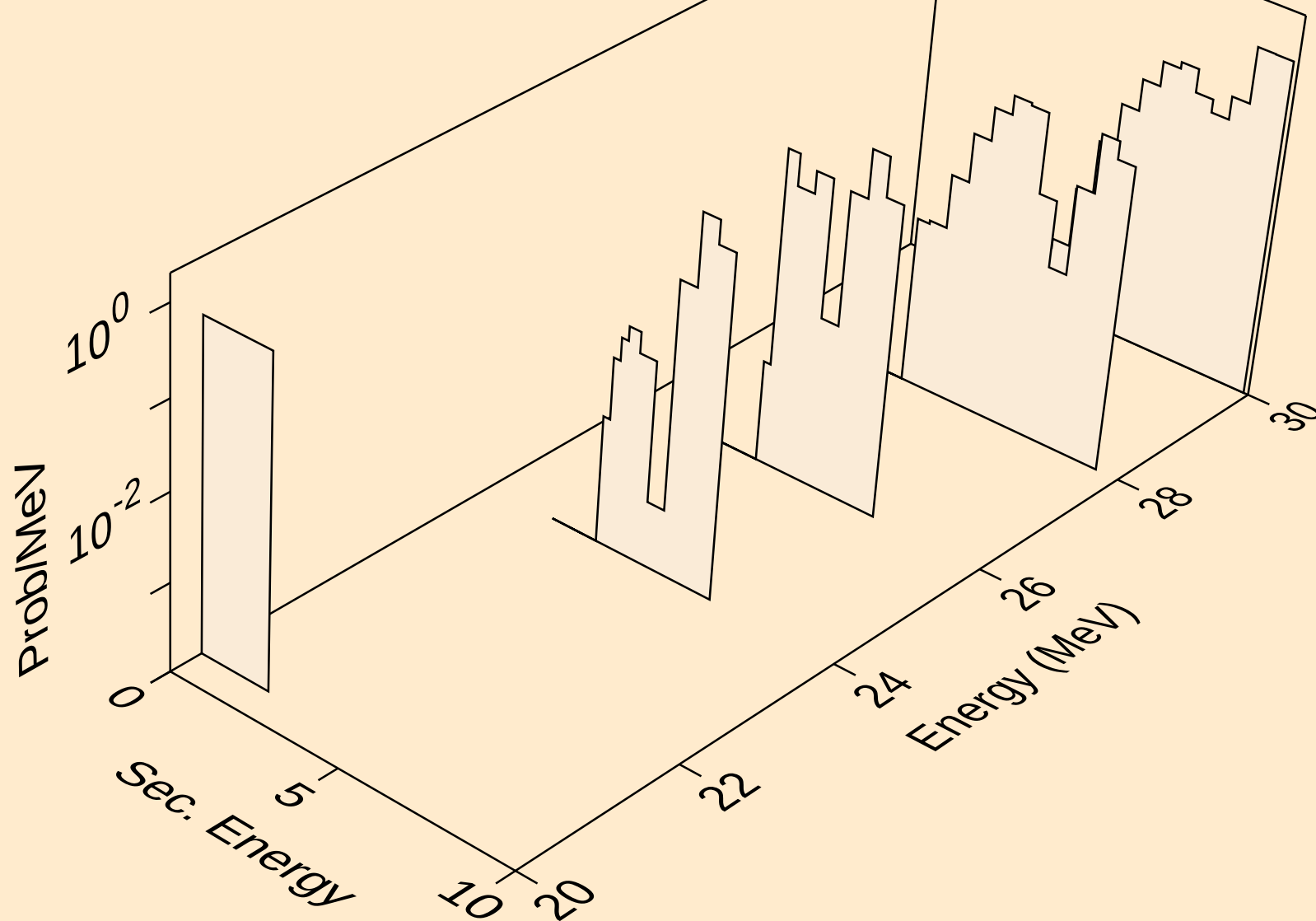
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



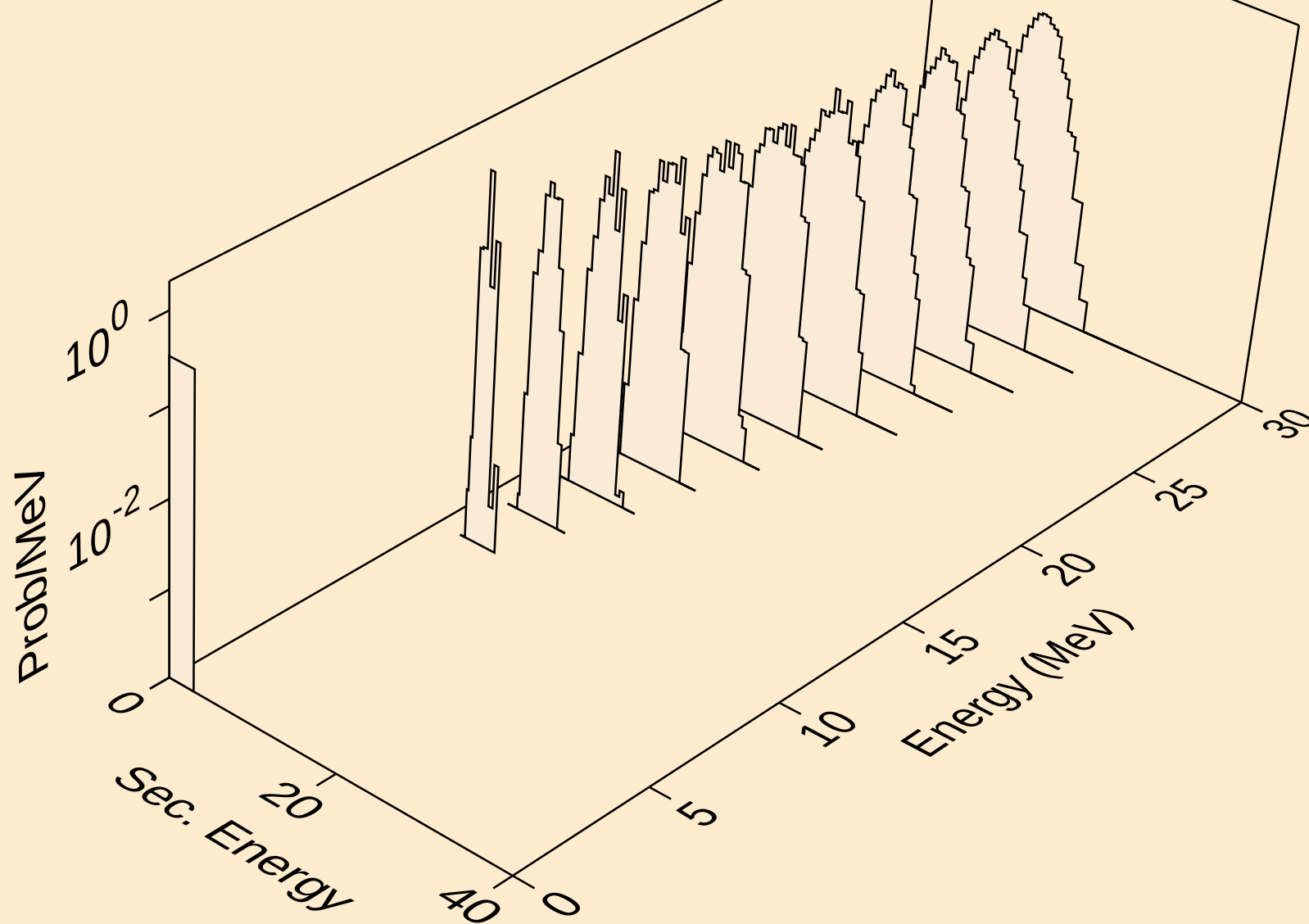
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



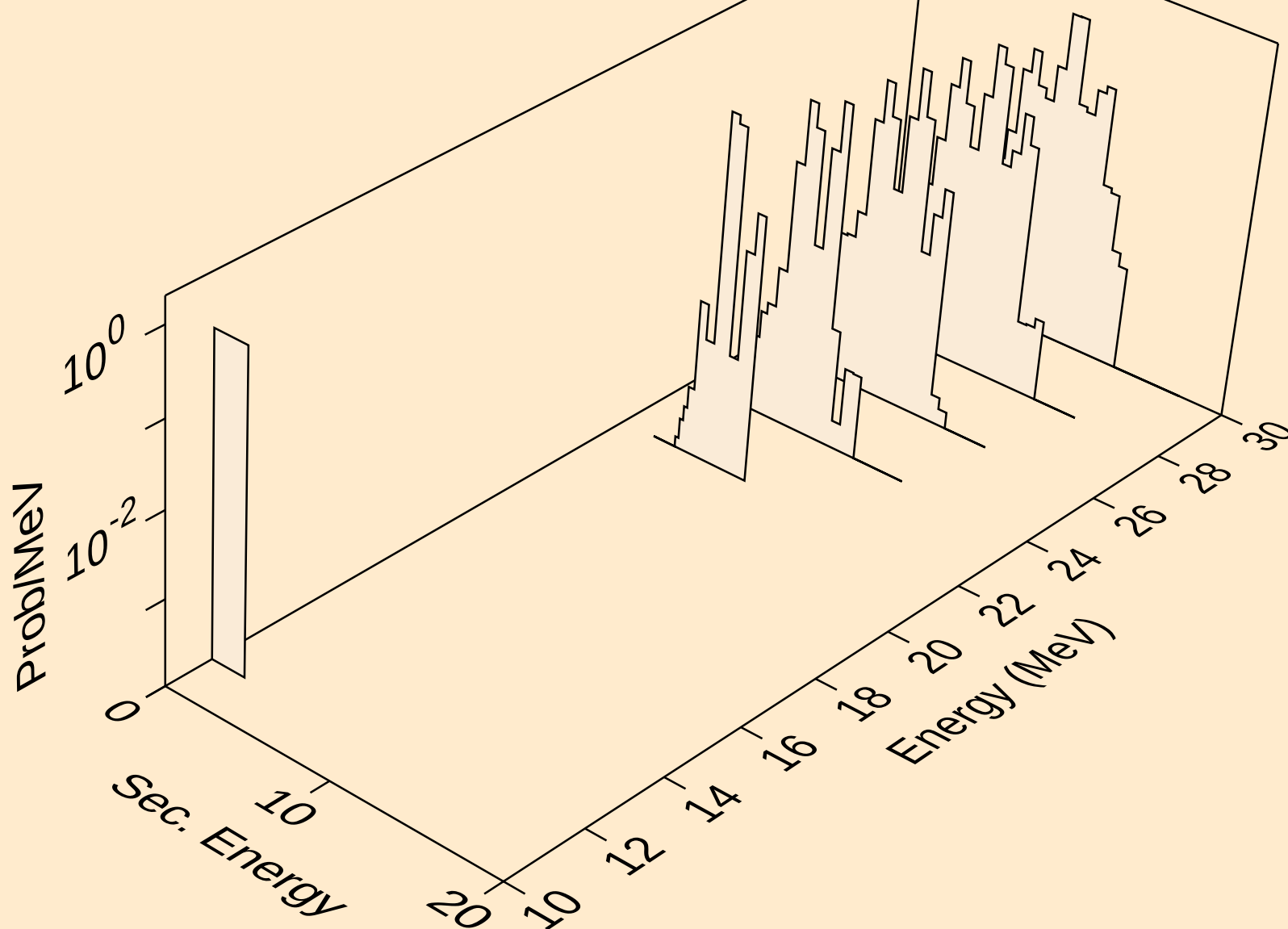
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



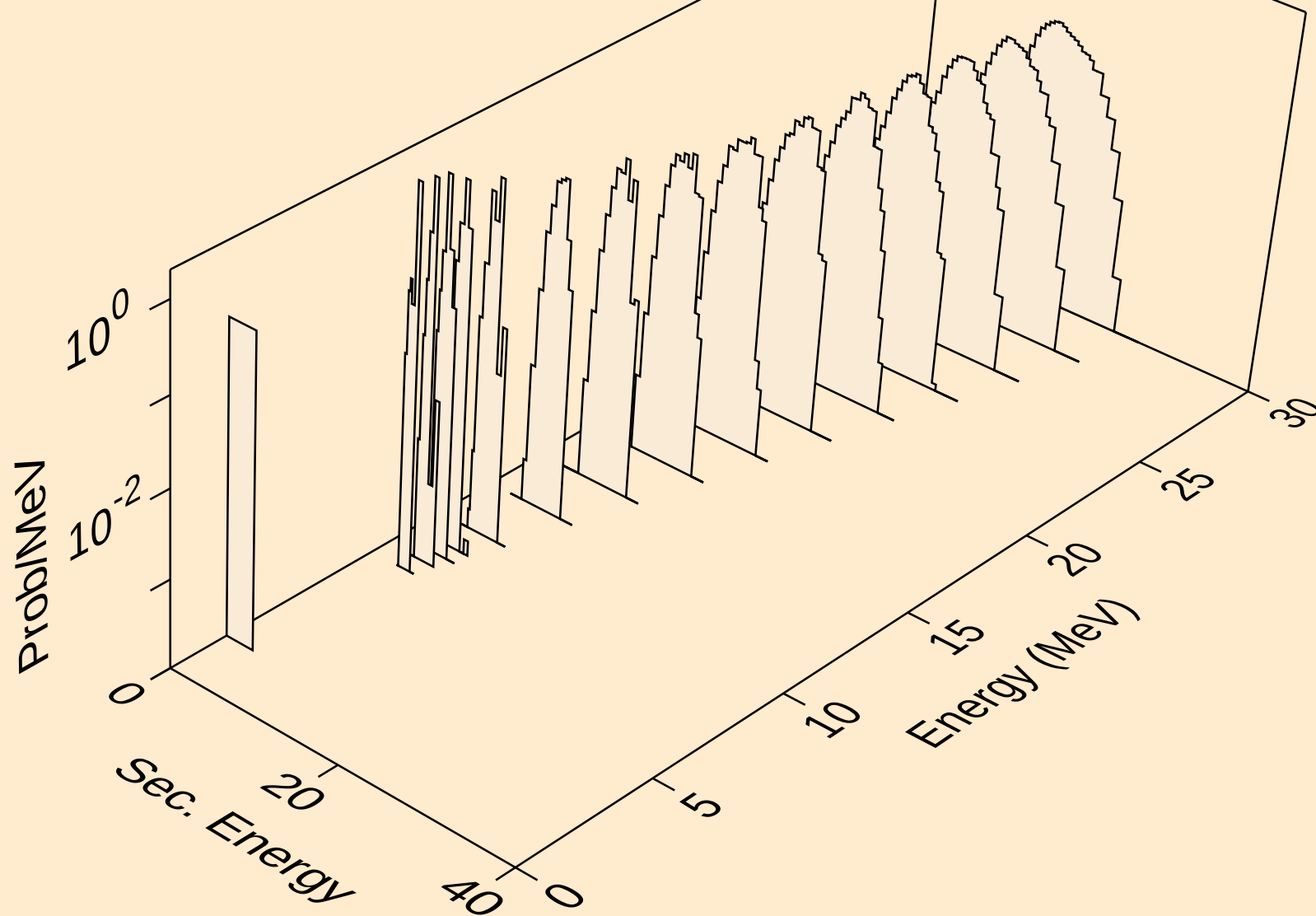
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



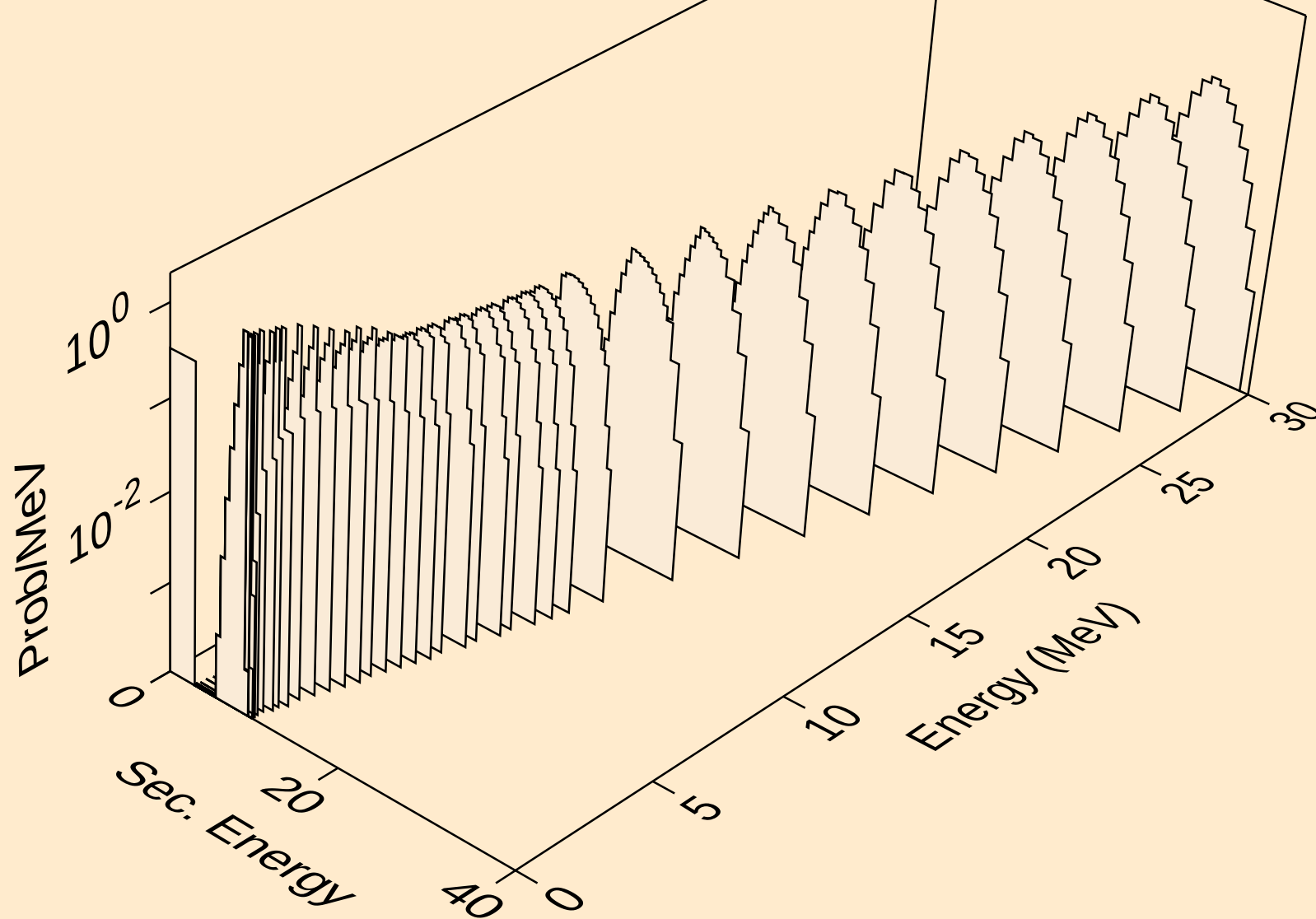
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



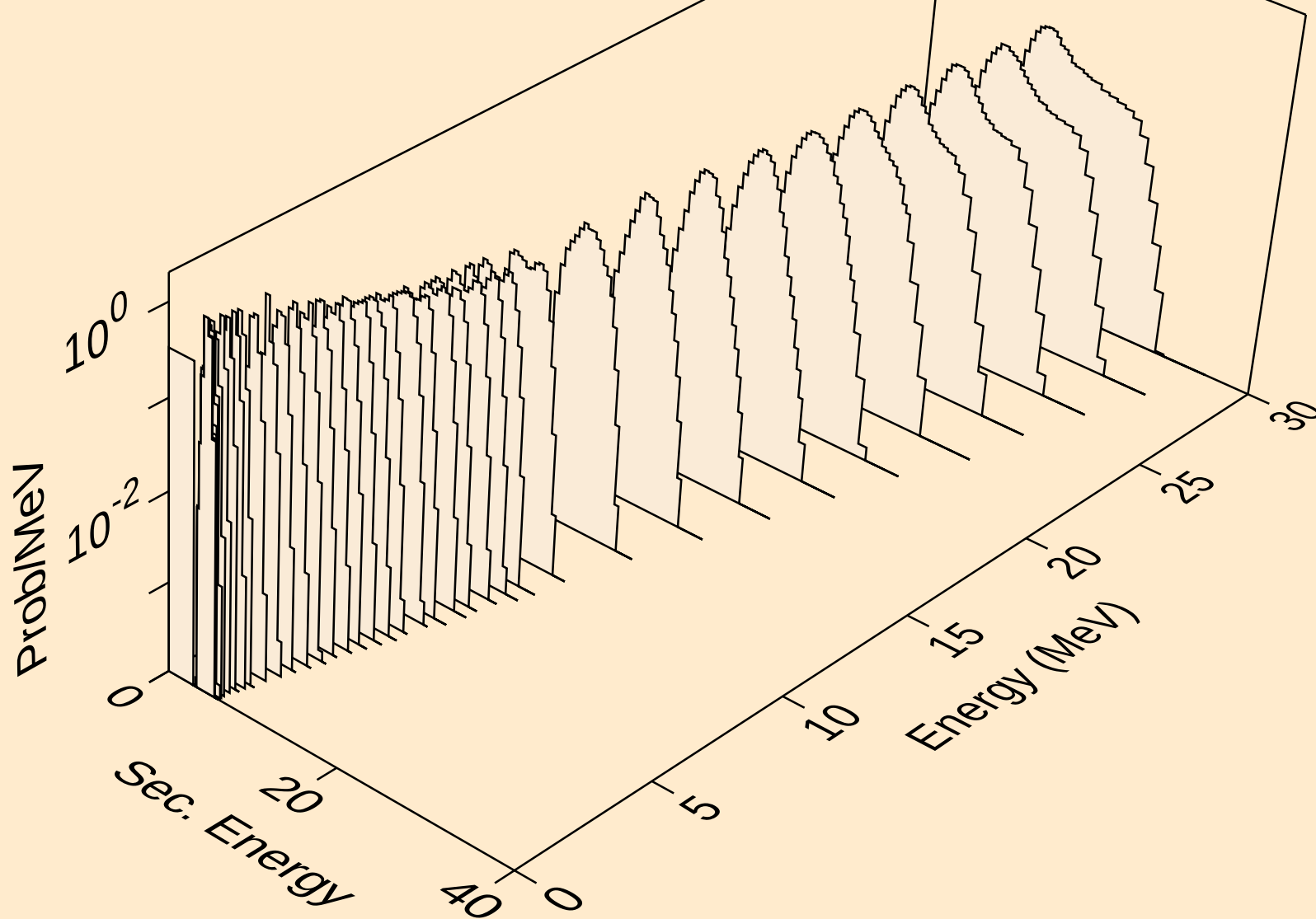
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



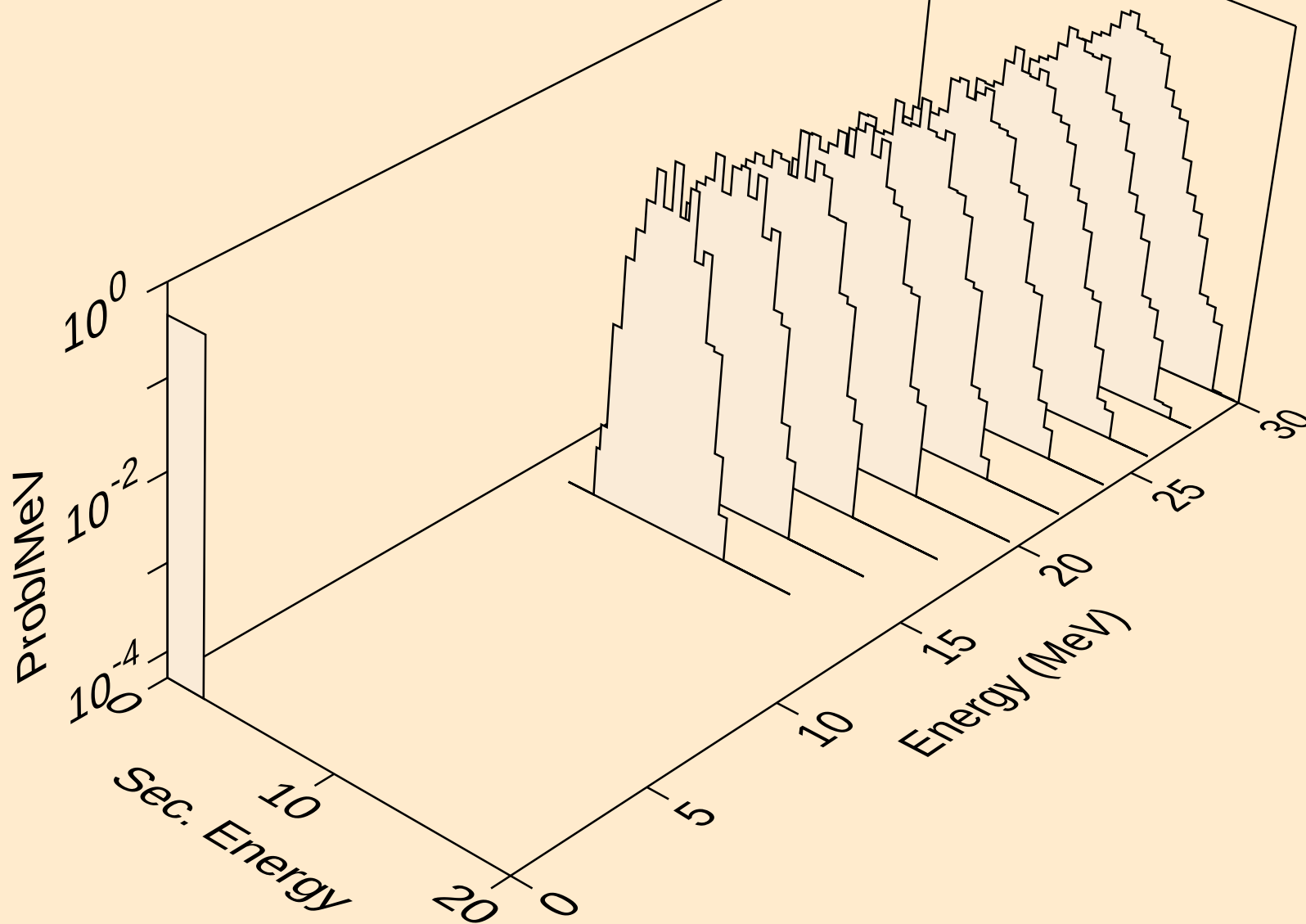
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



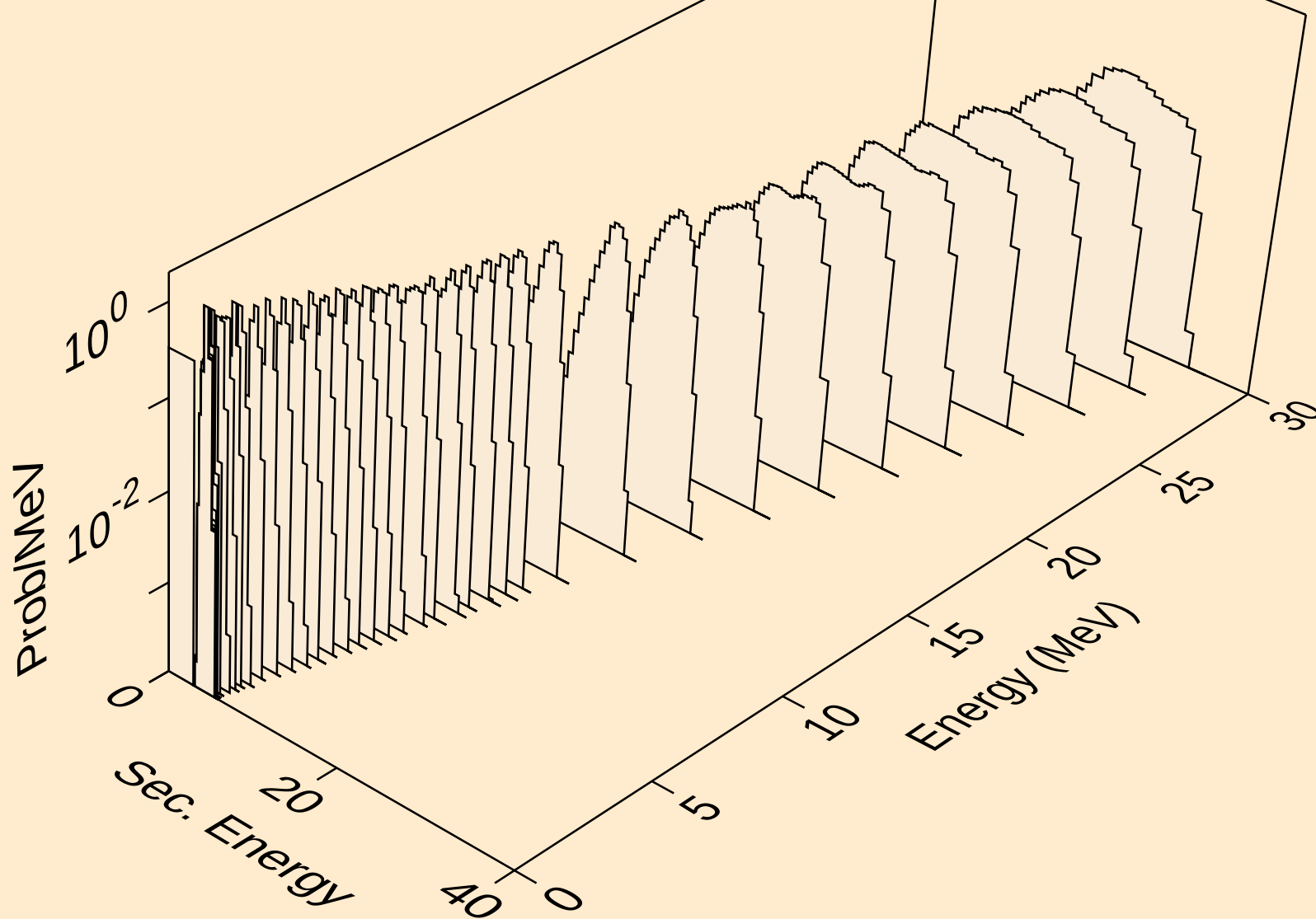
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



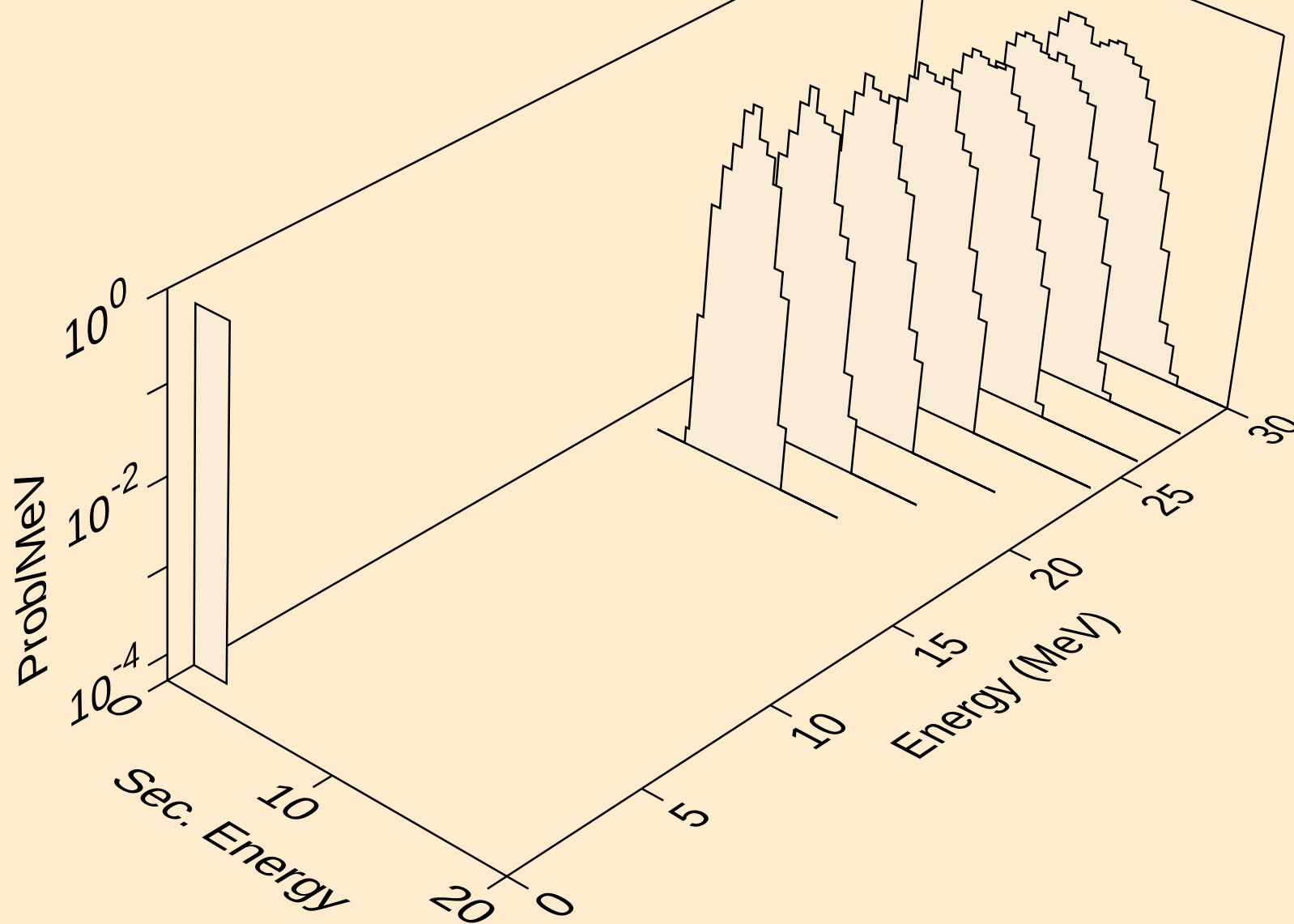
SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



SB109 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

