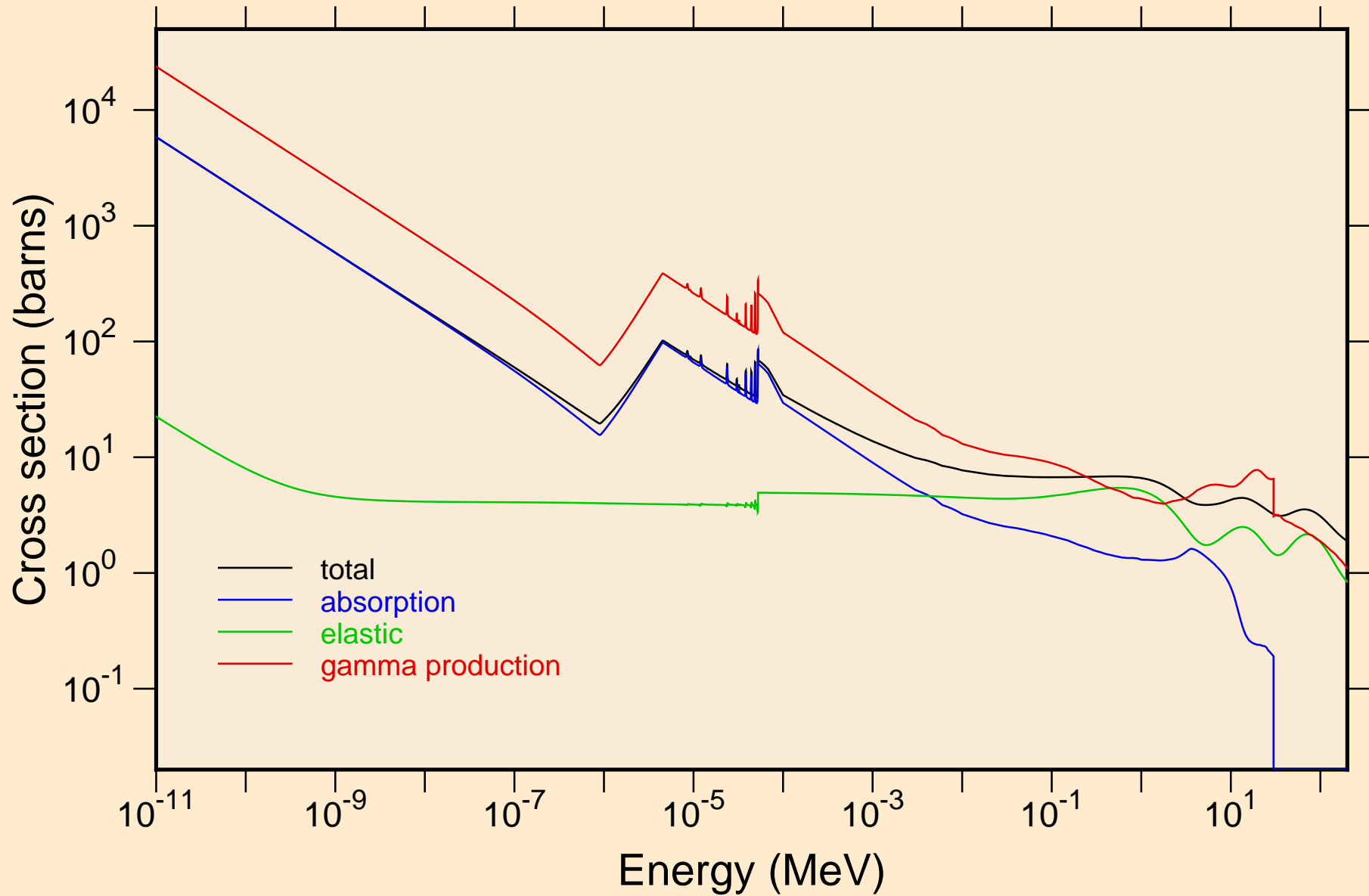
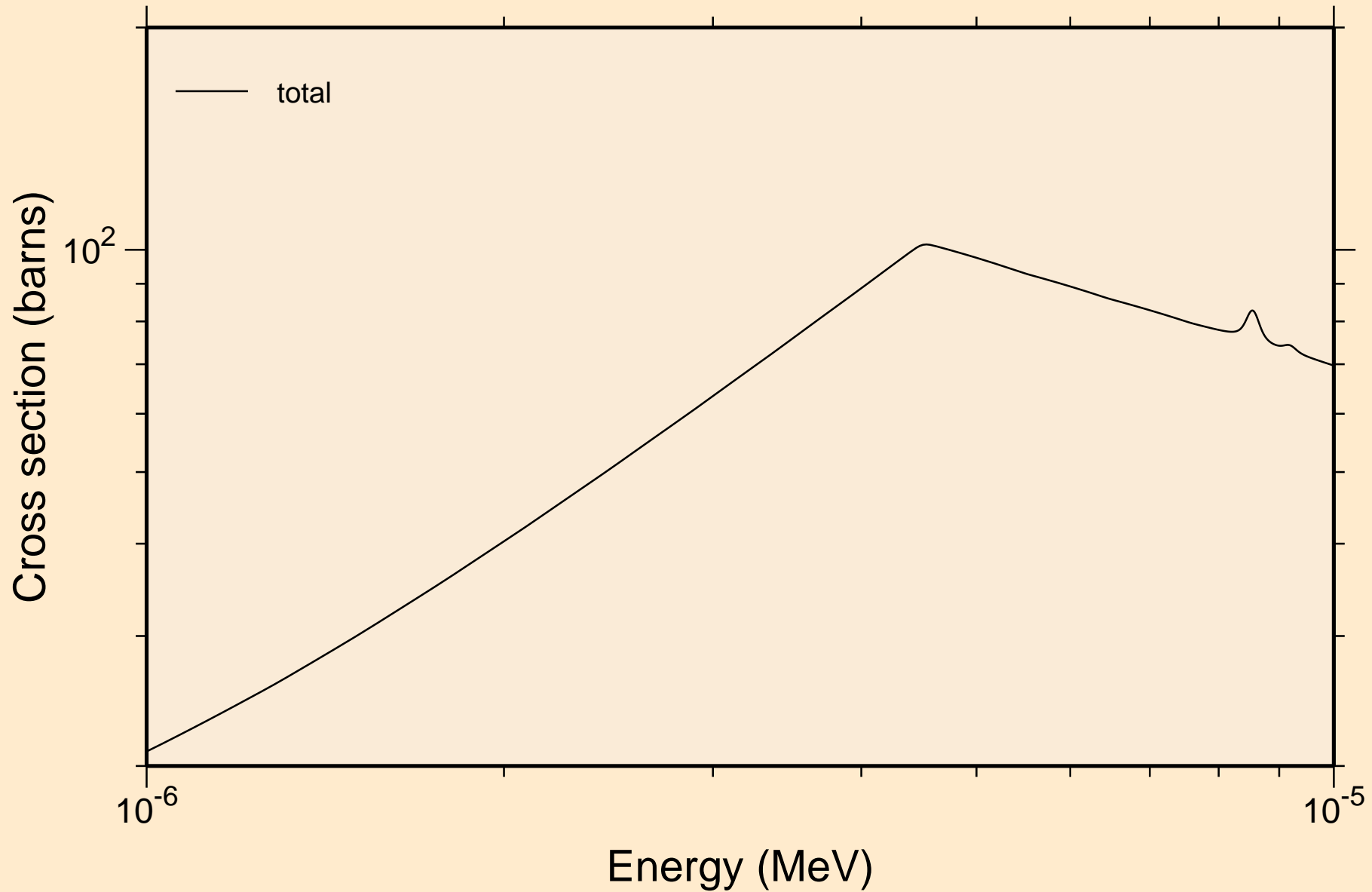


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

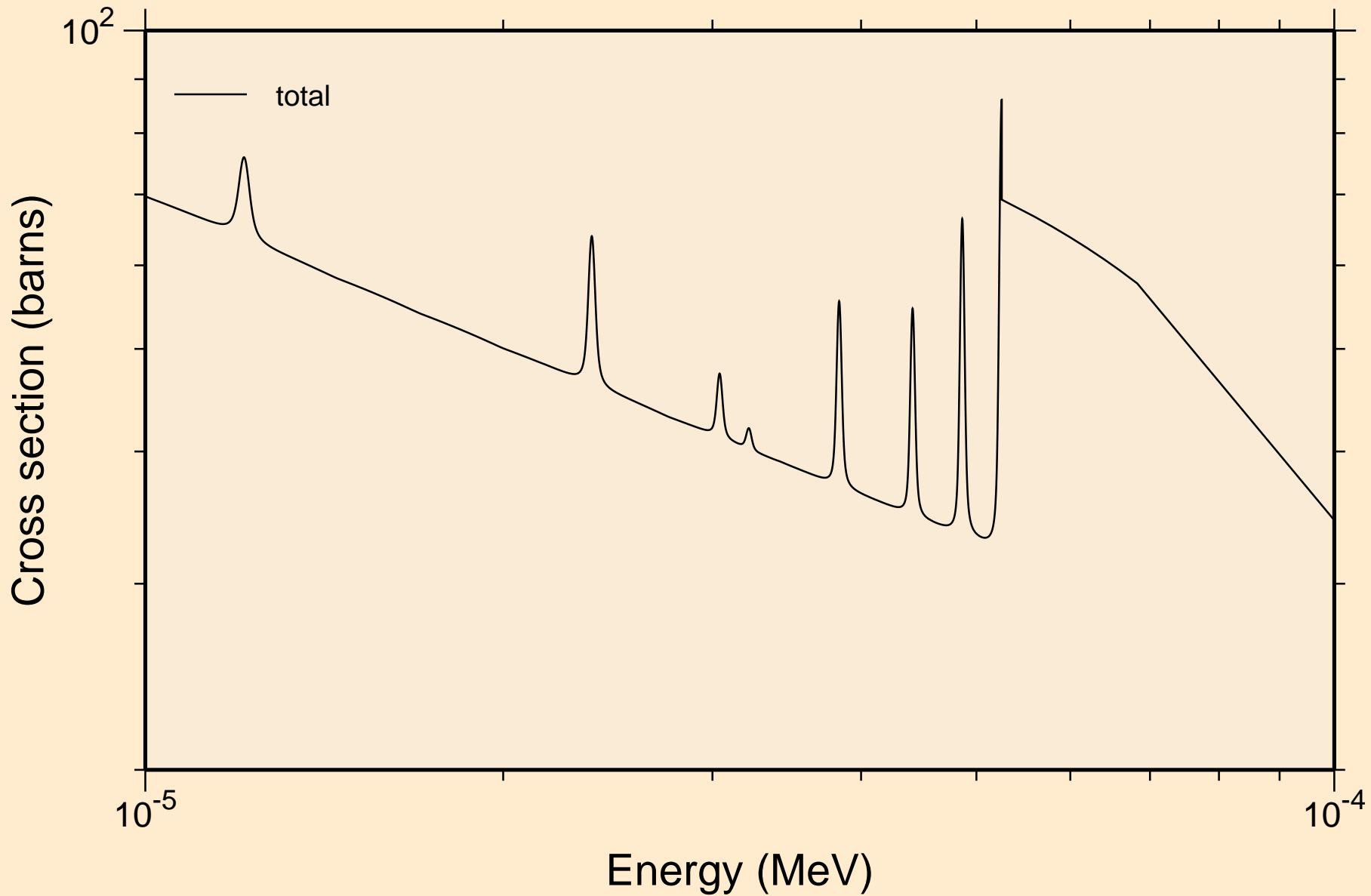
Principal cross sections



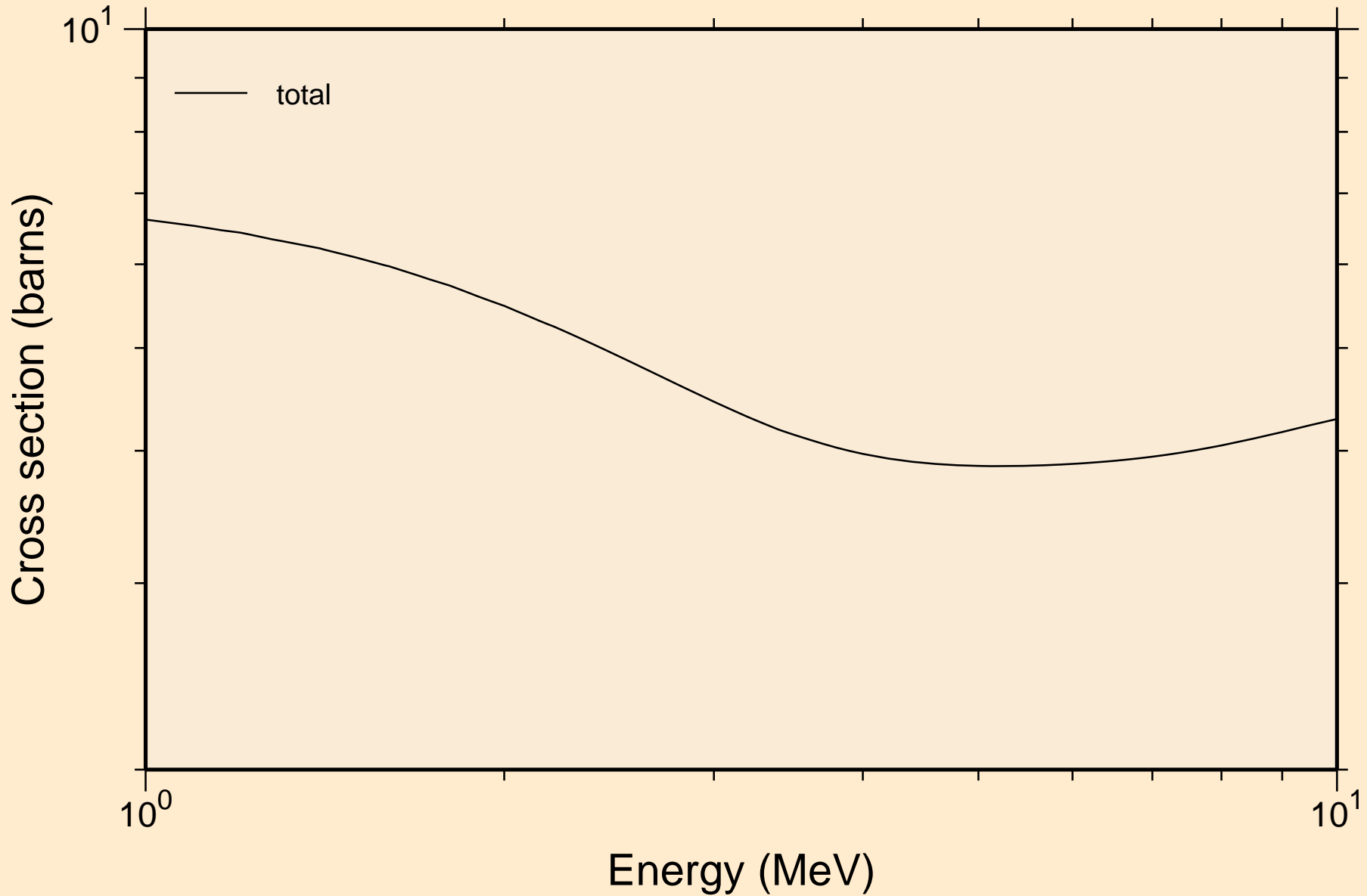
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



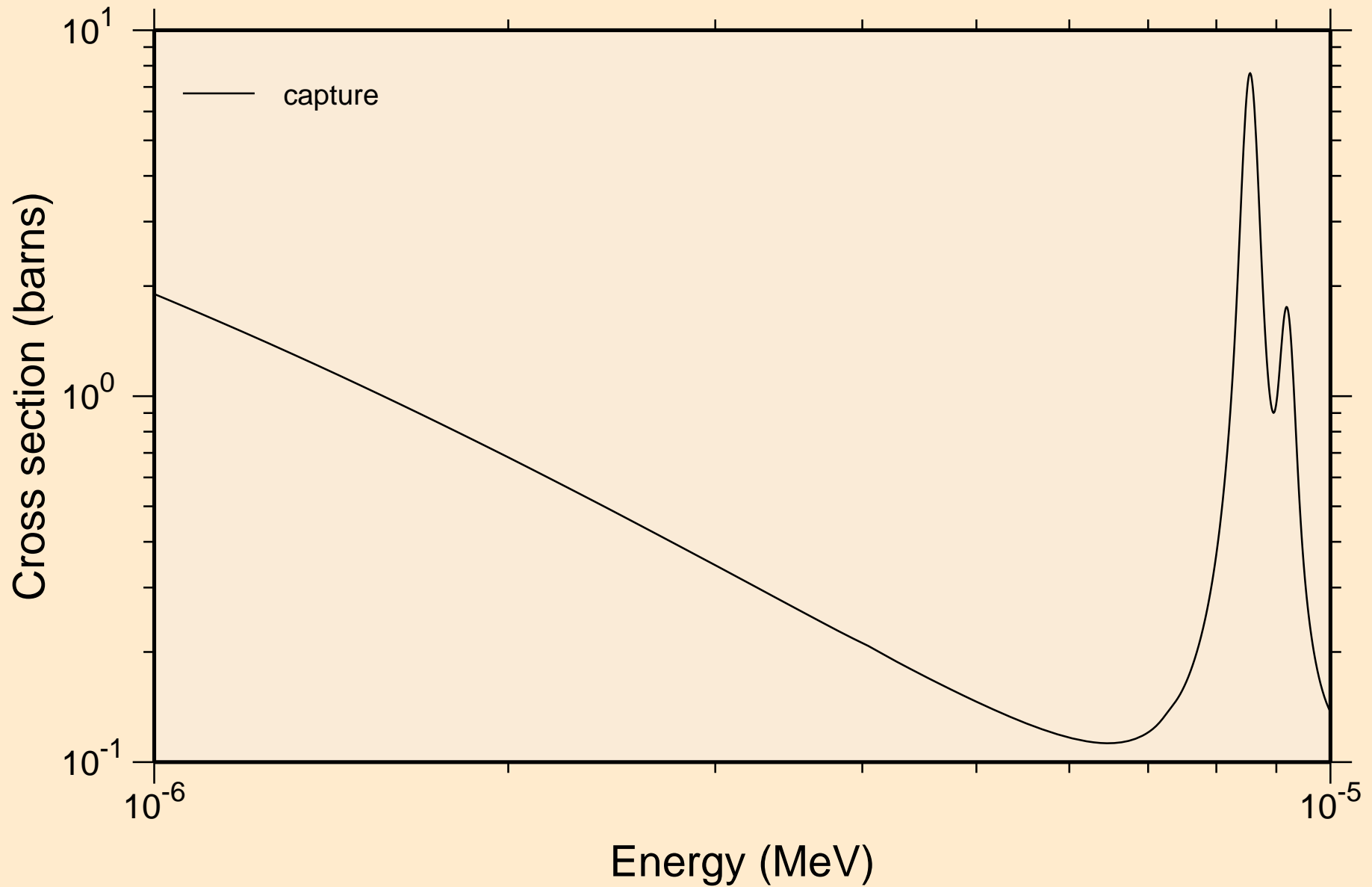
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



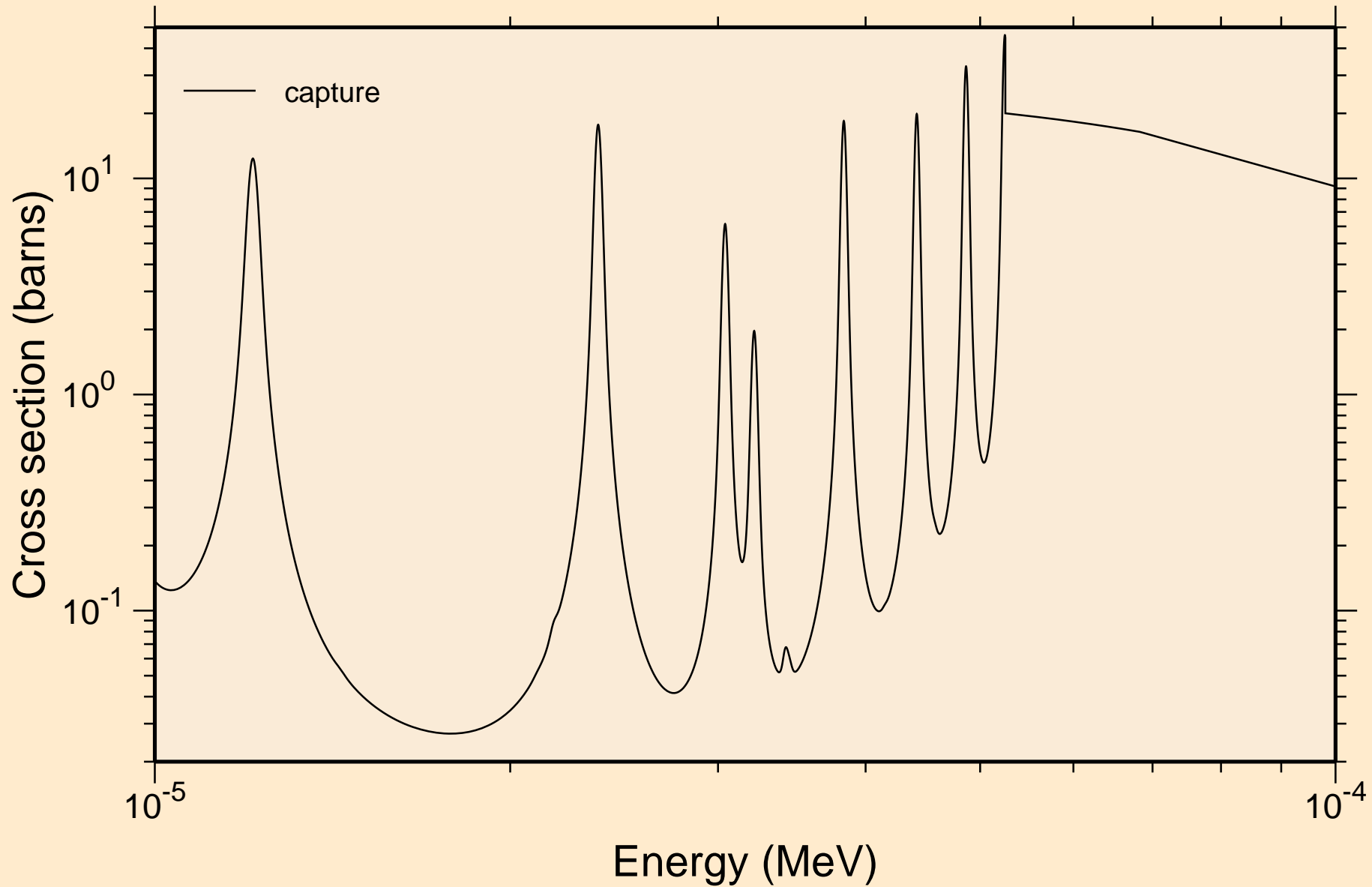
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



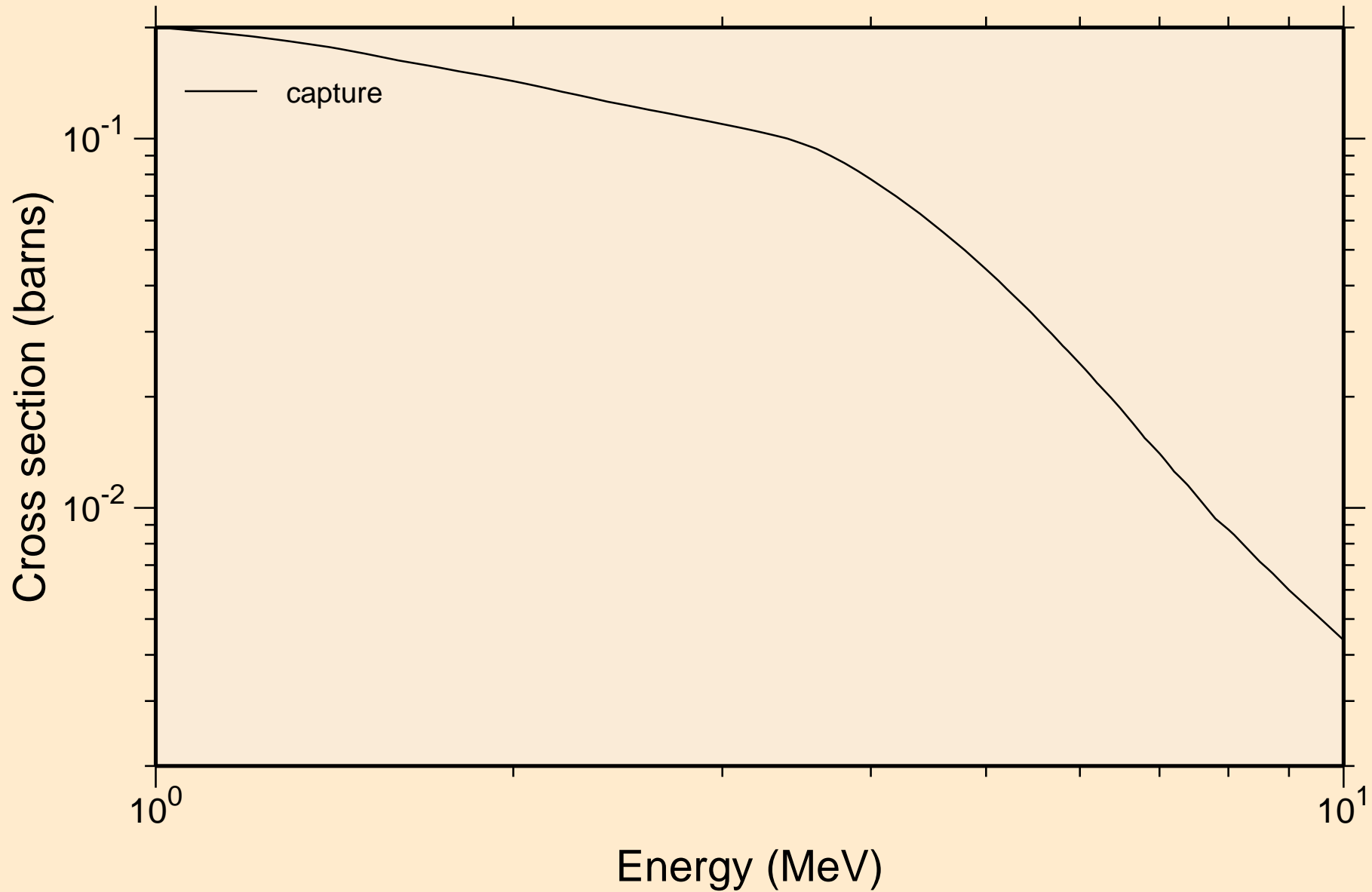
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



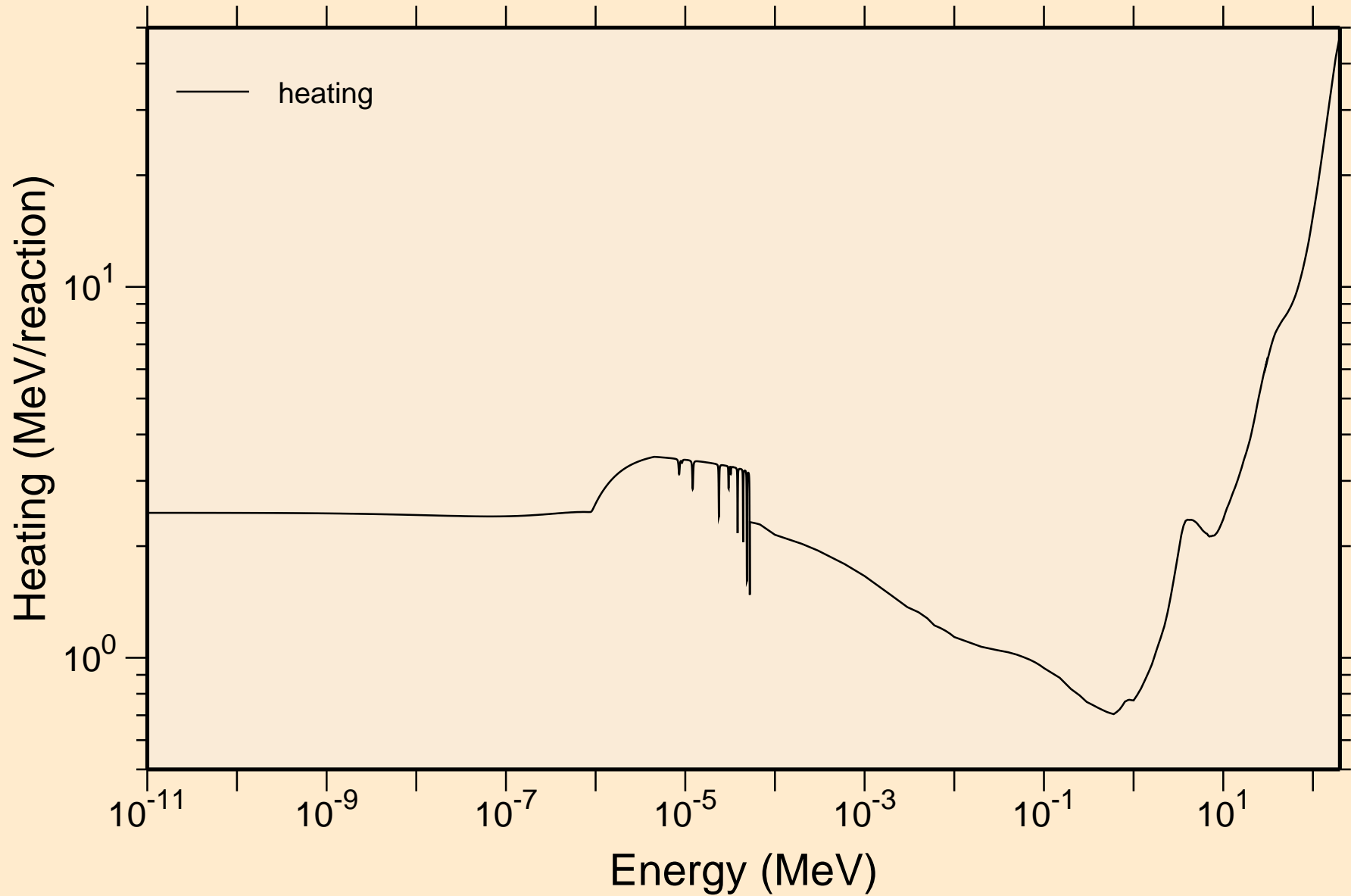
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



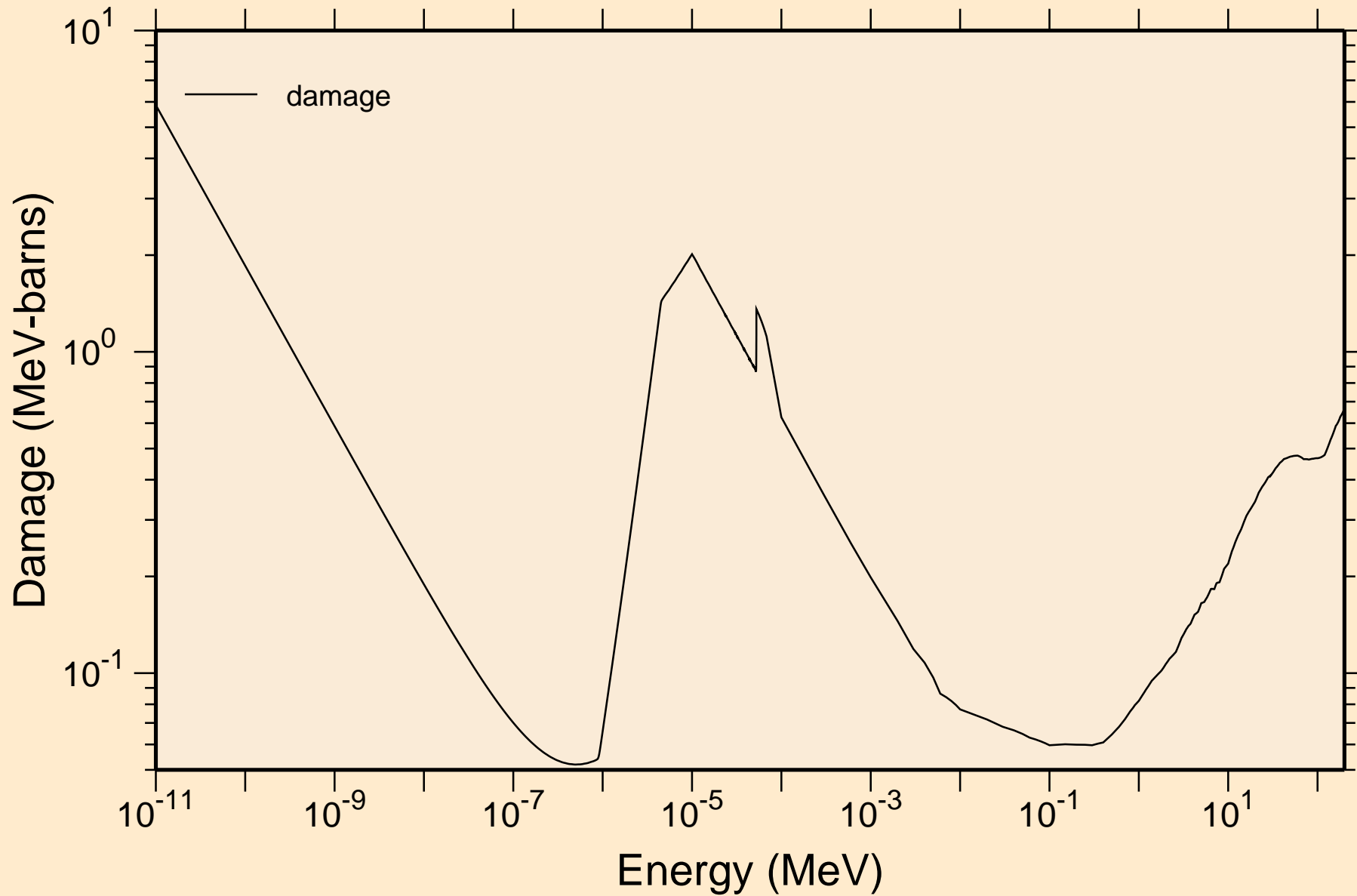
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating

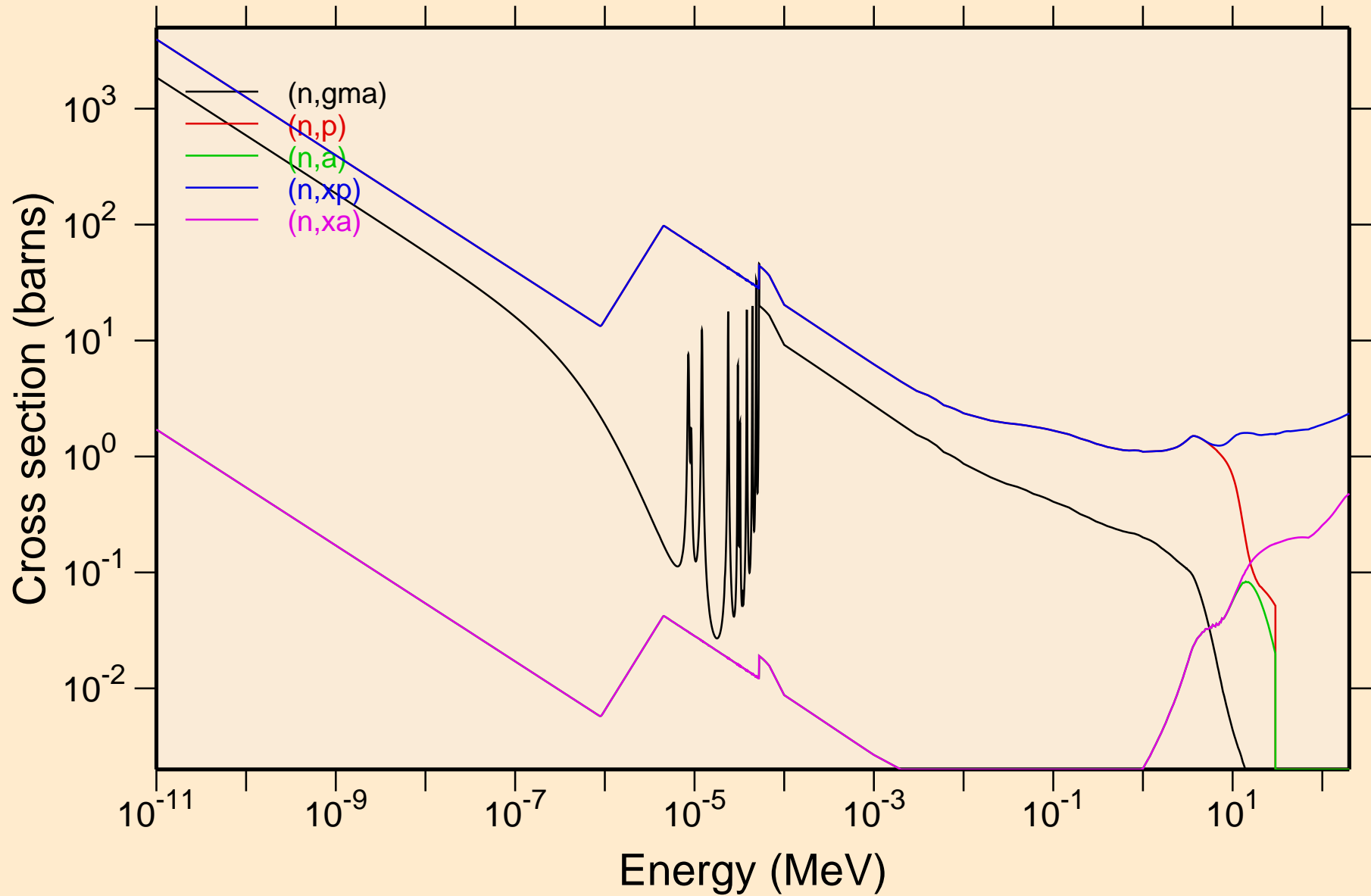


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



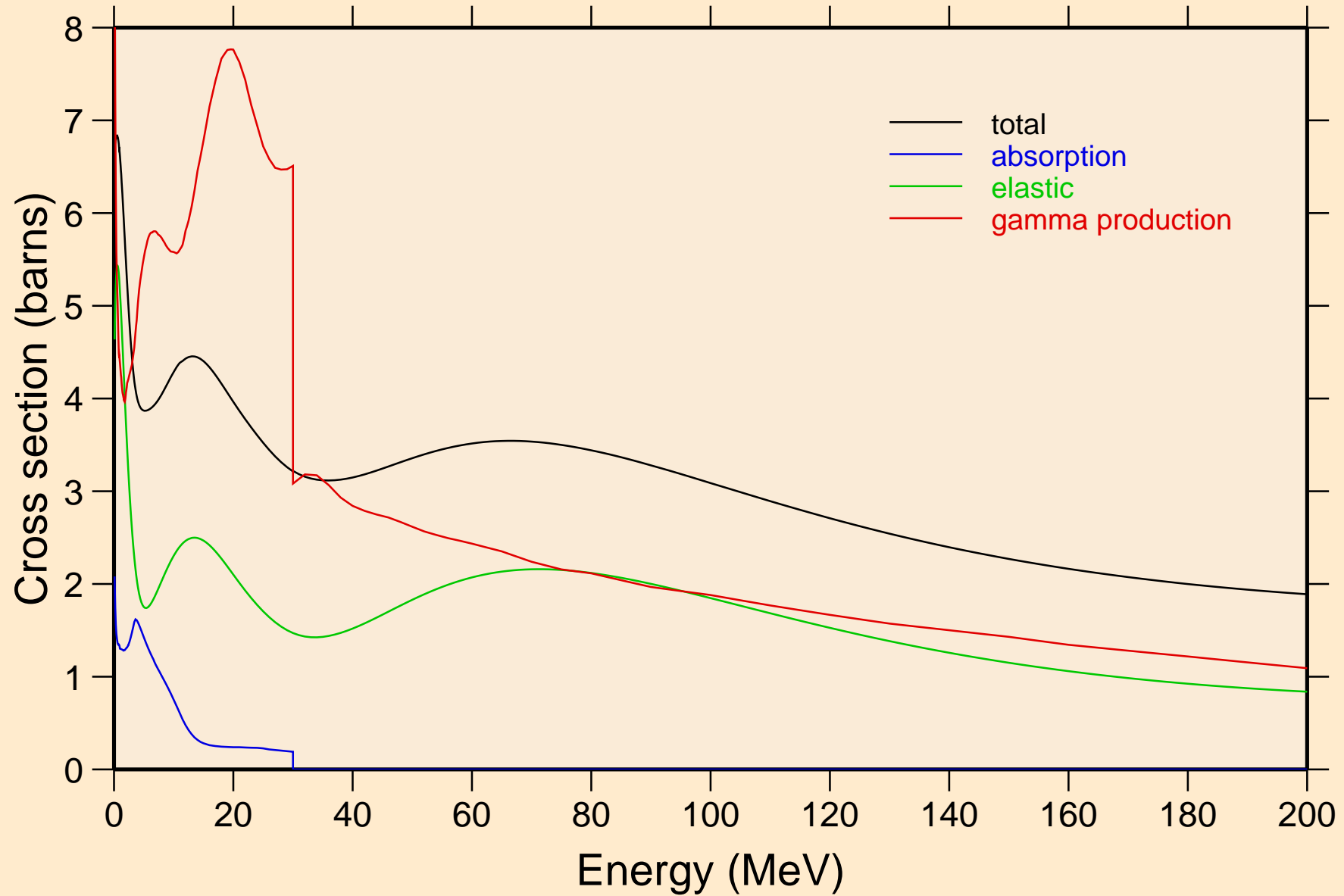
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Non-threshold reactions



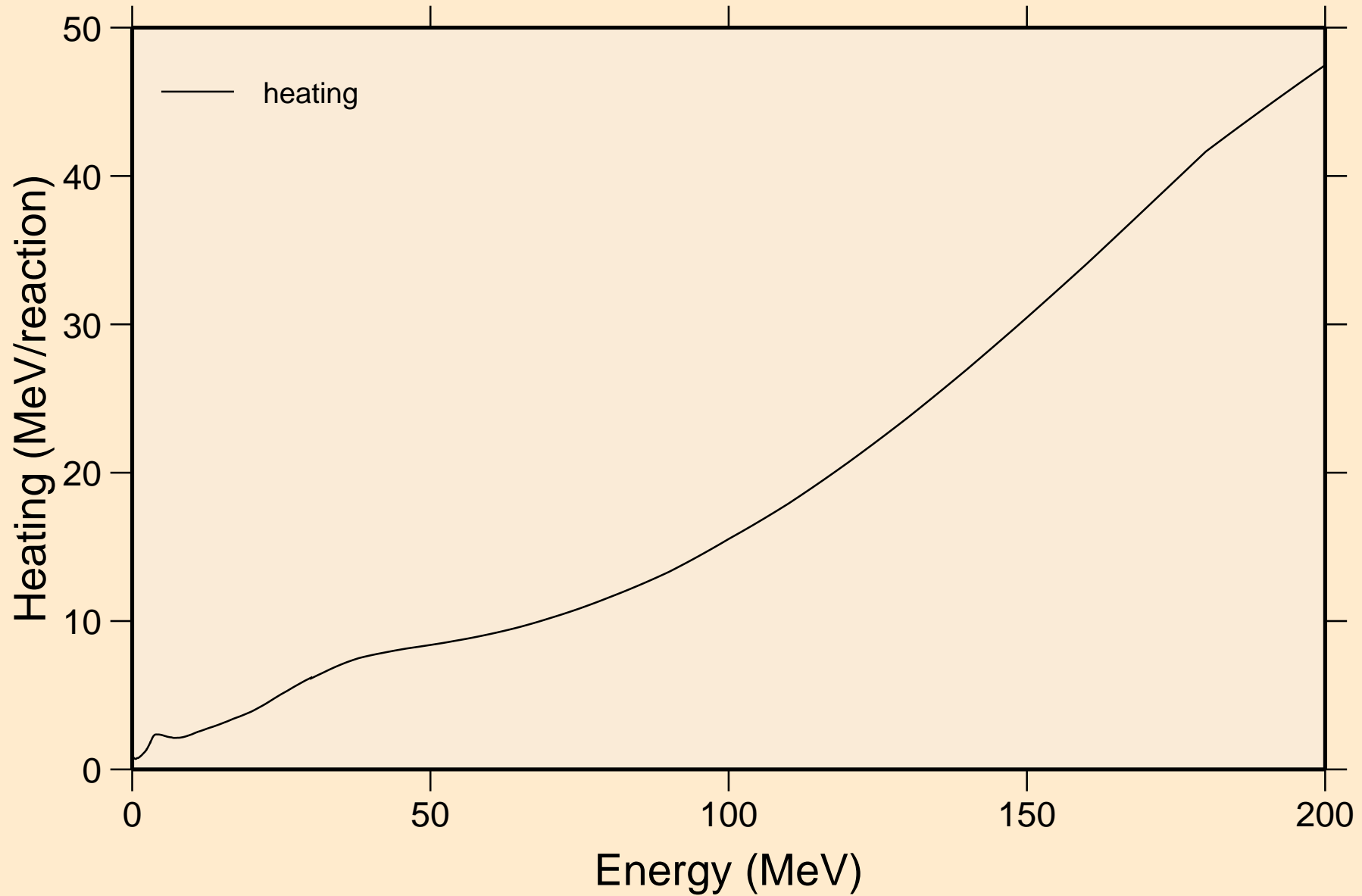
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections

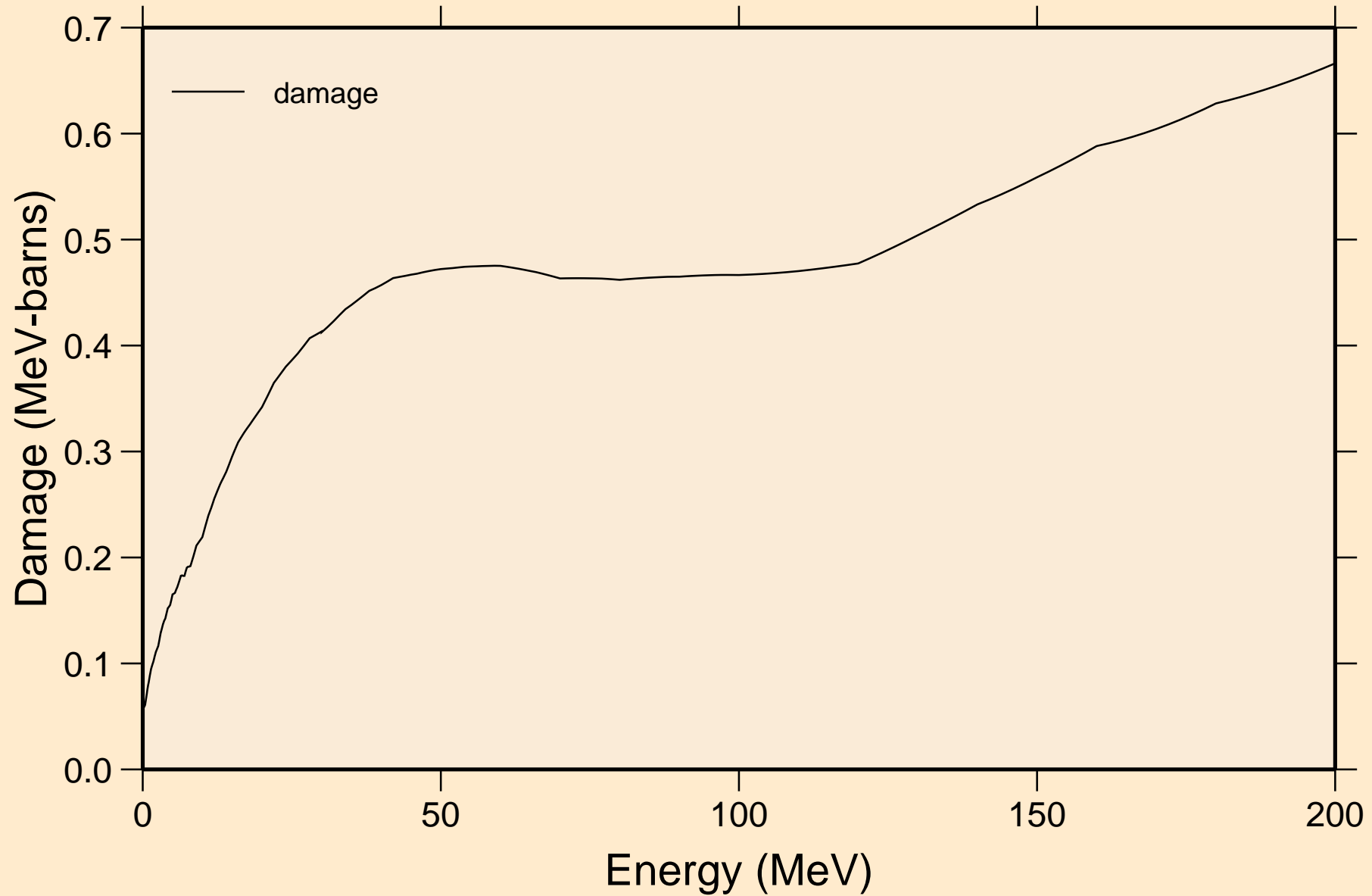


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

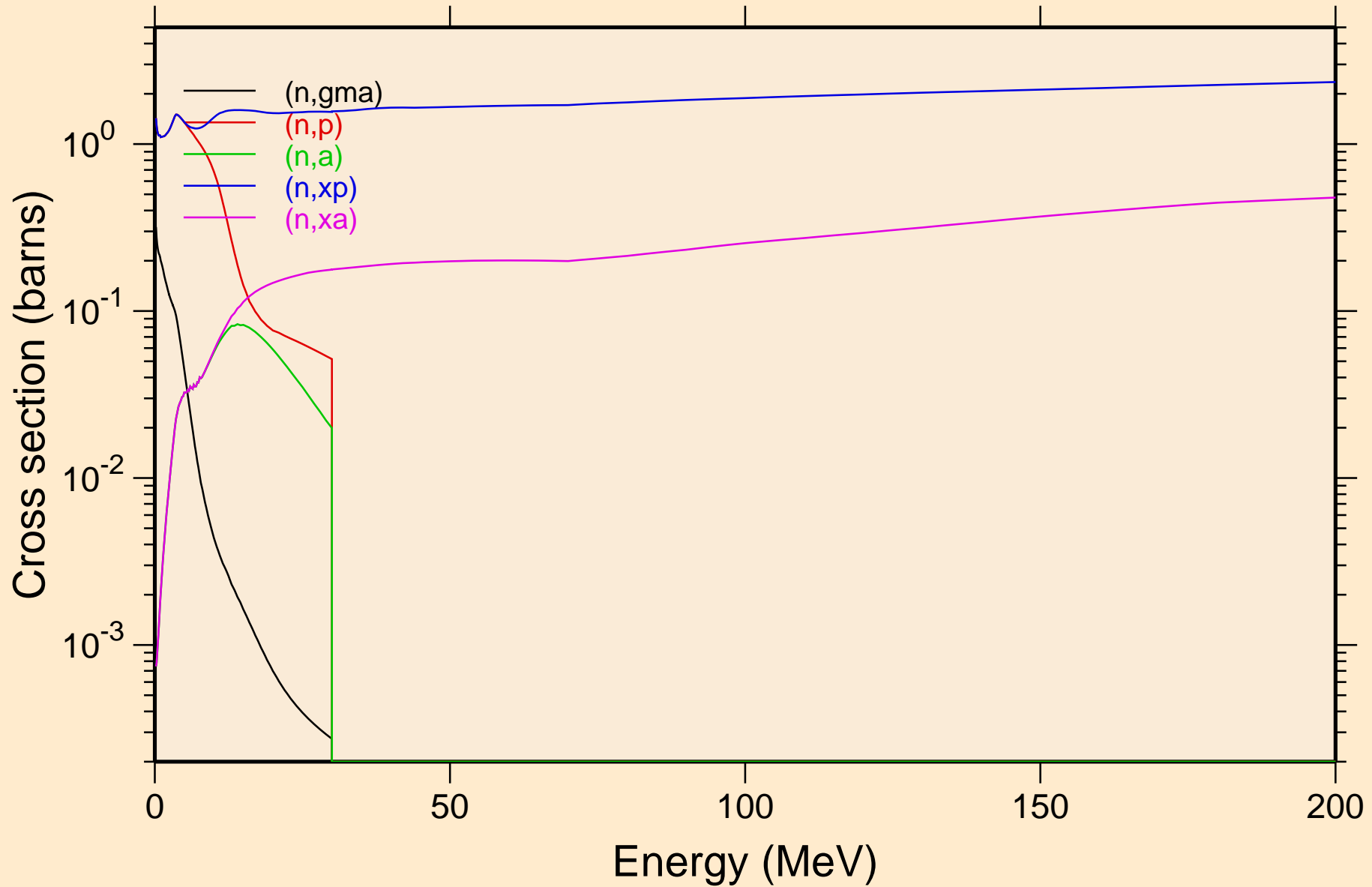
Heating



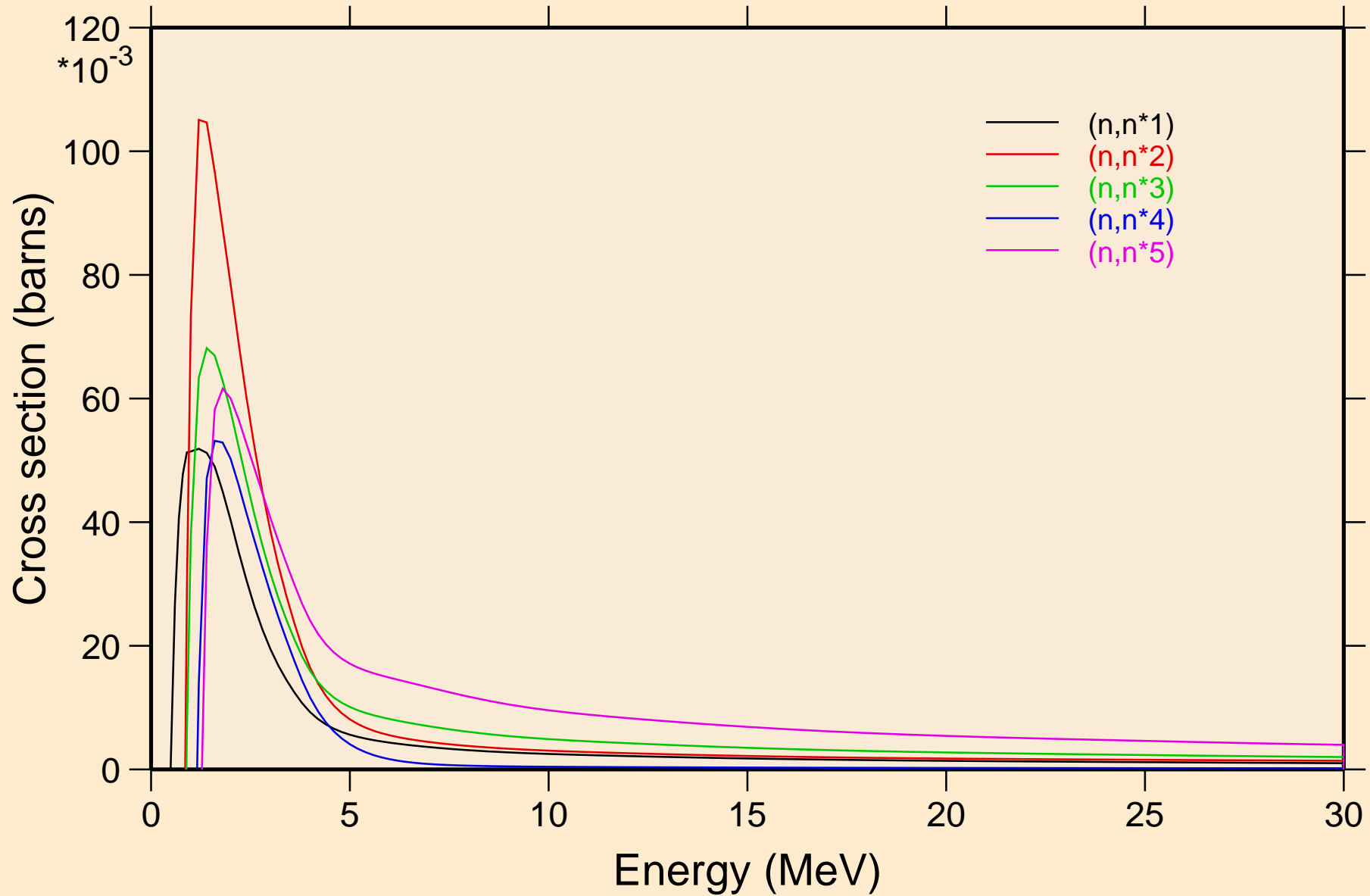
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

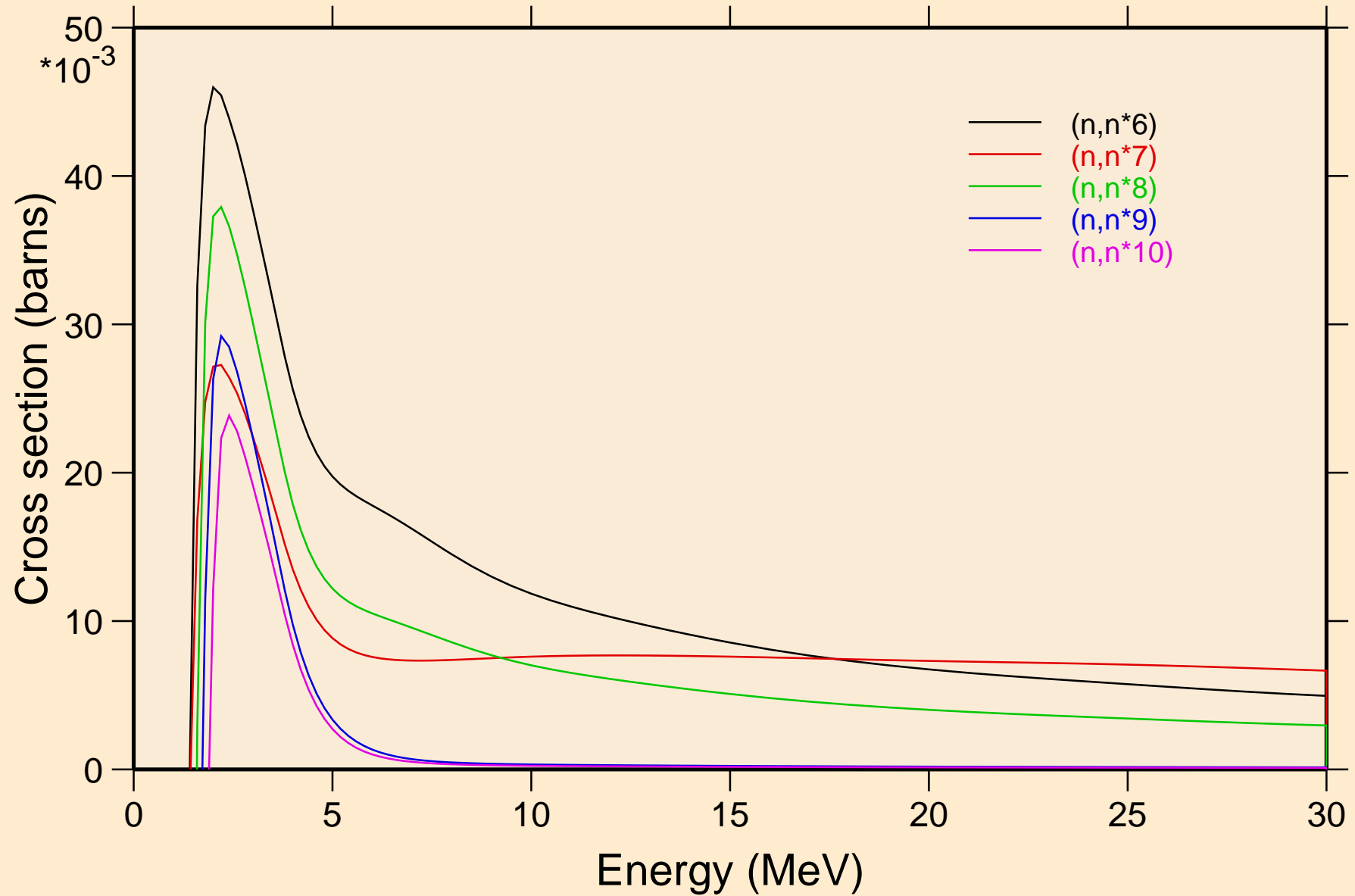


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

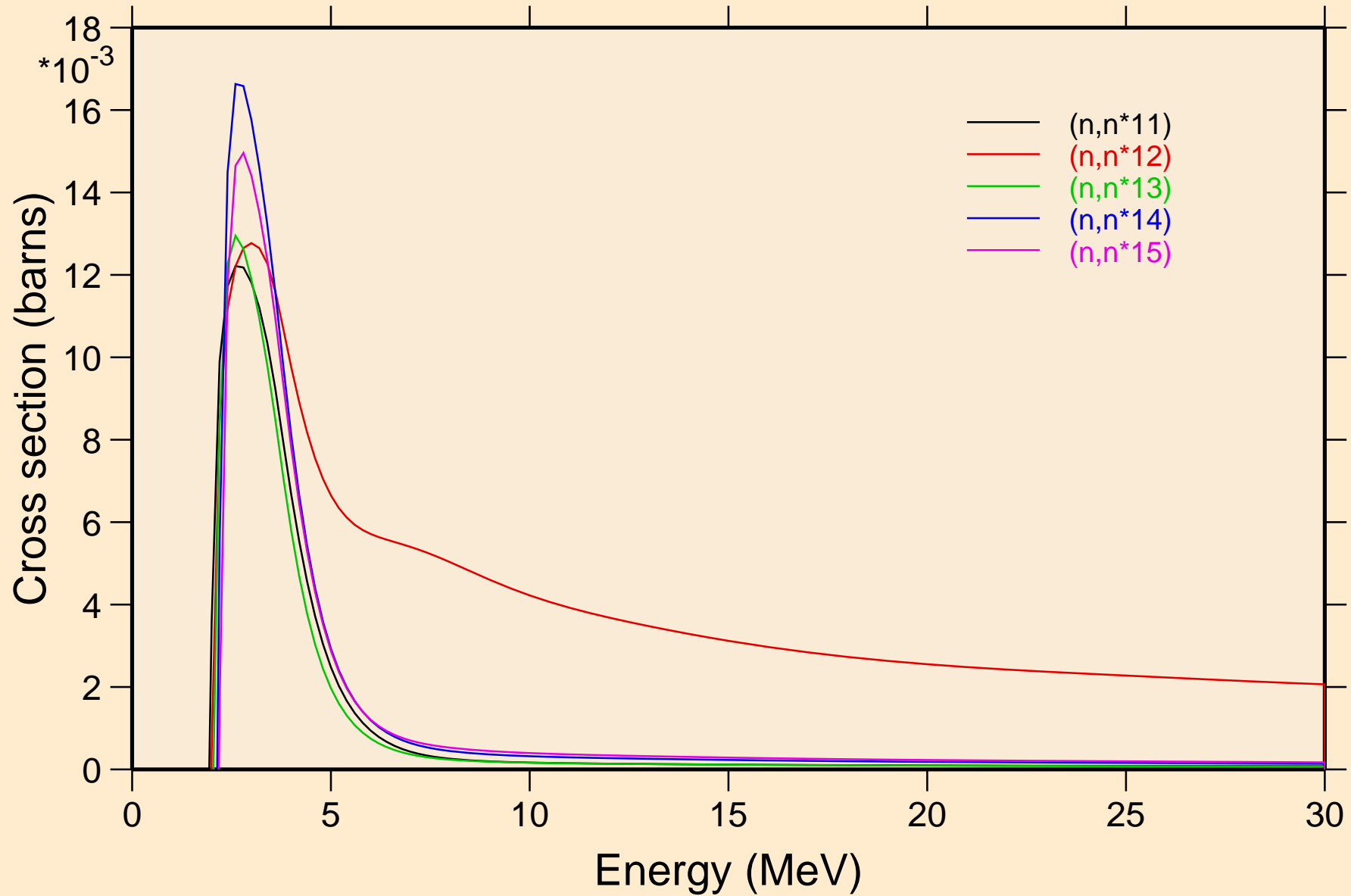


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

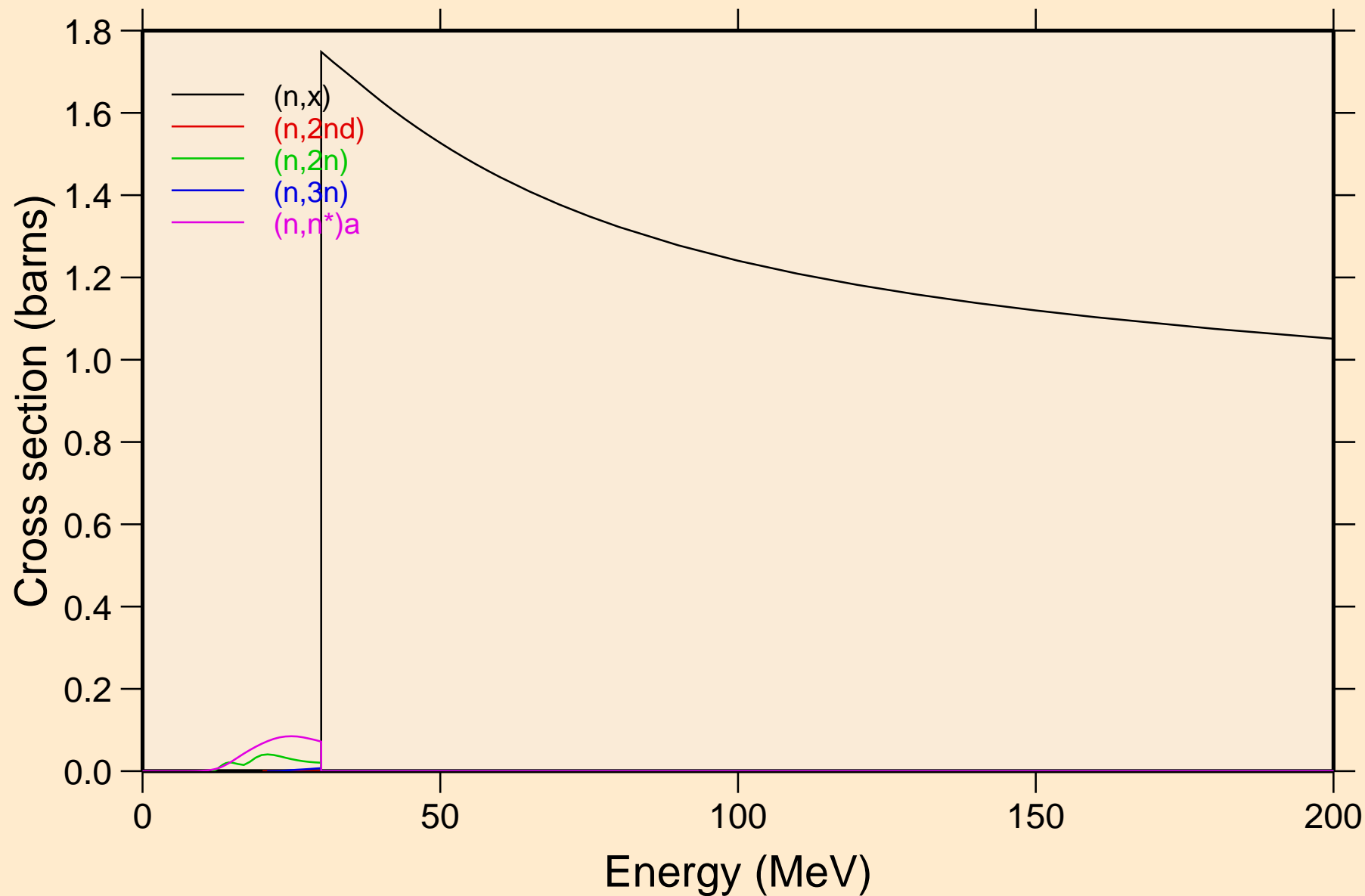


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

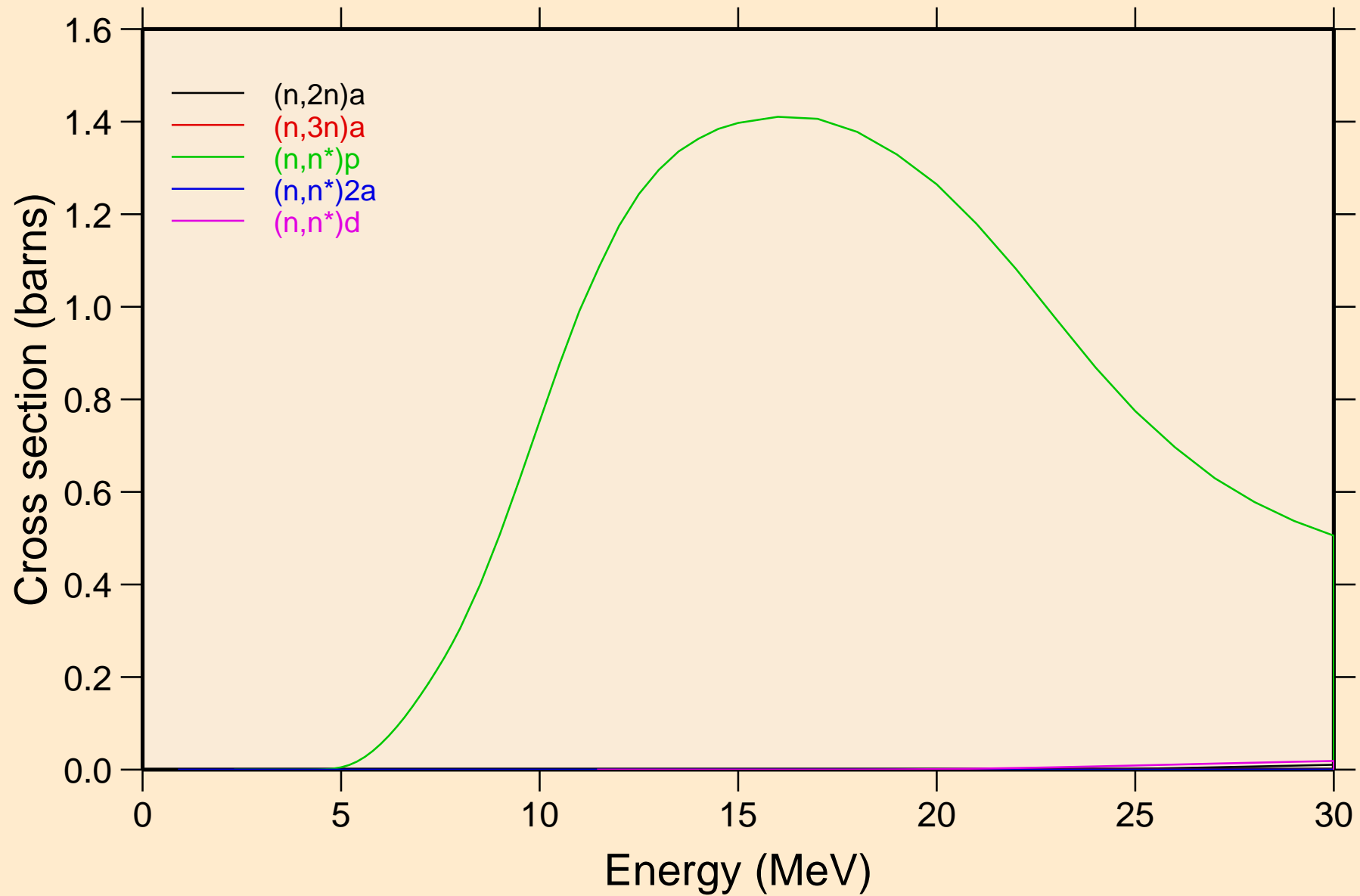


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

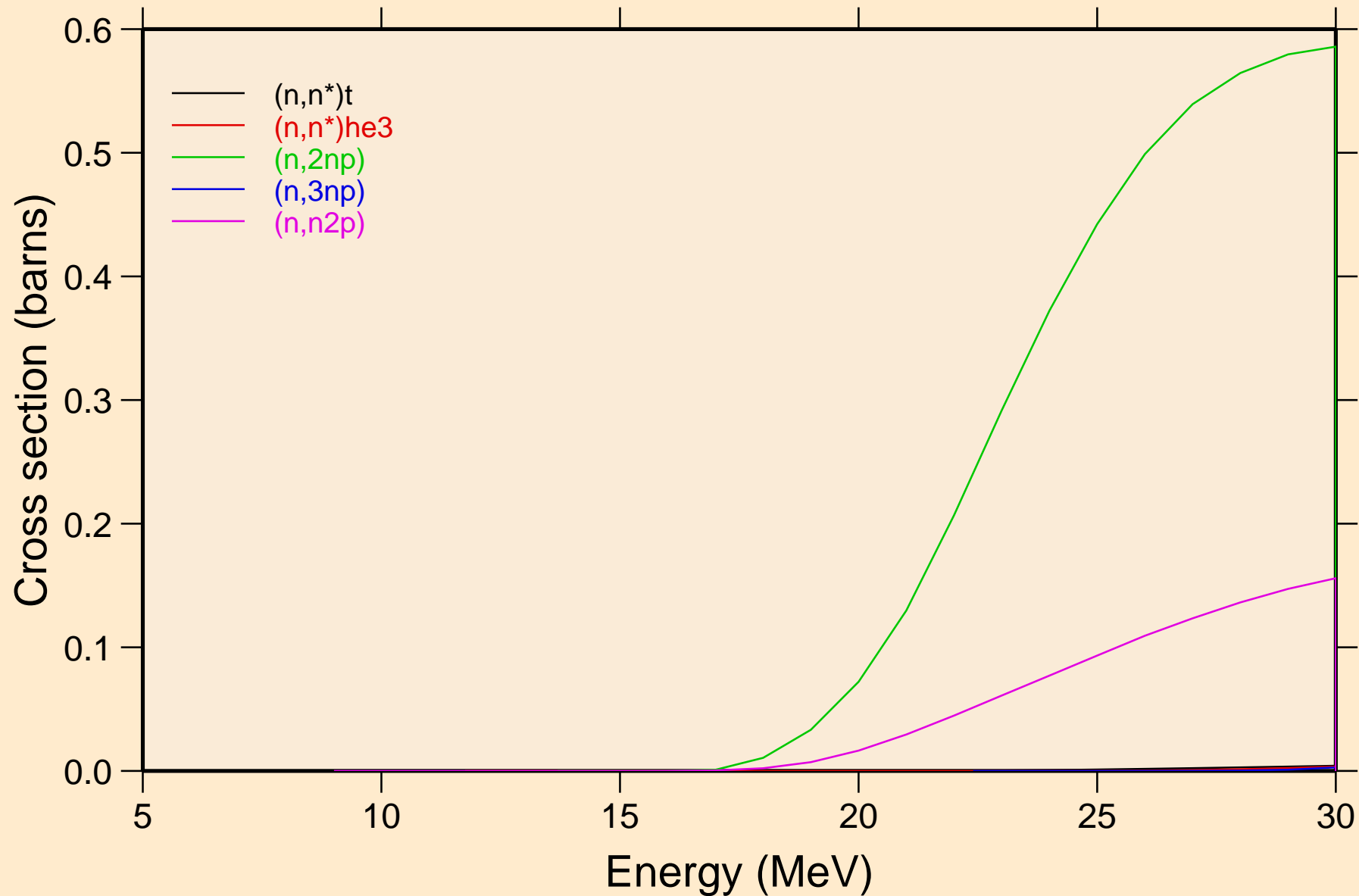


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



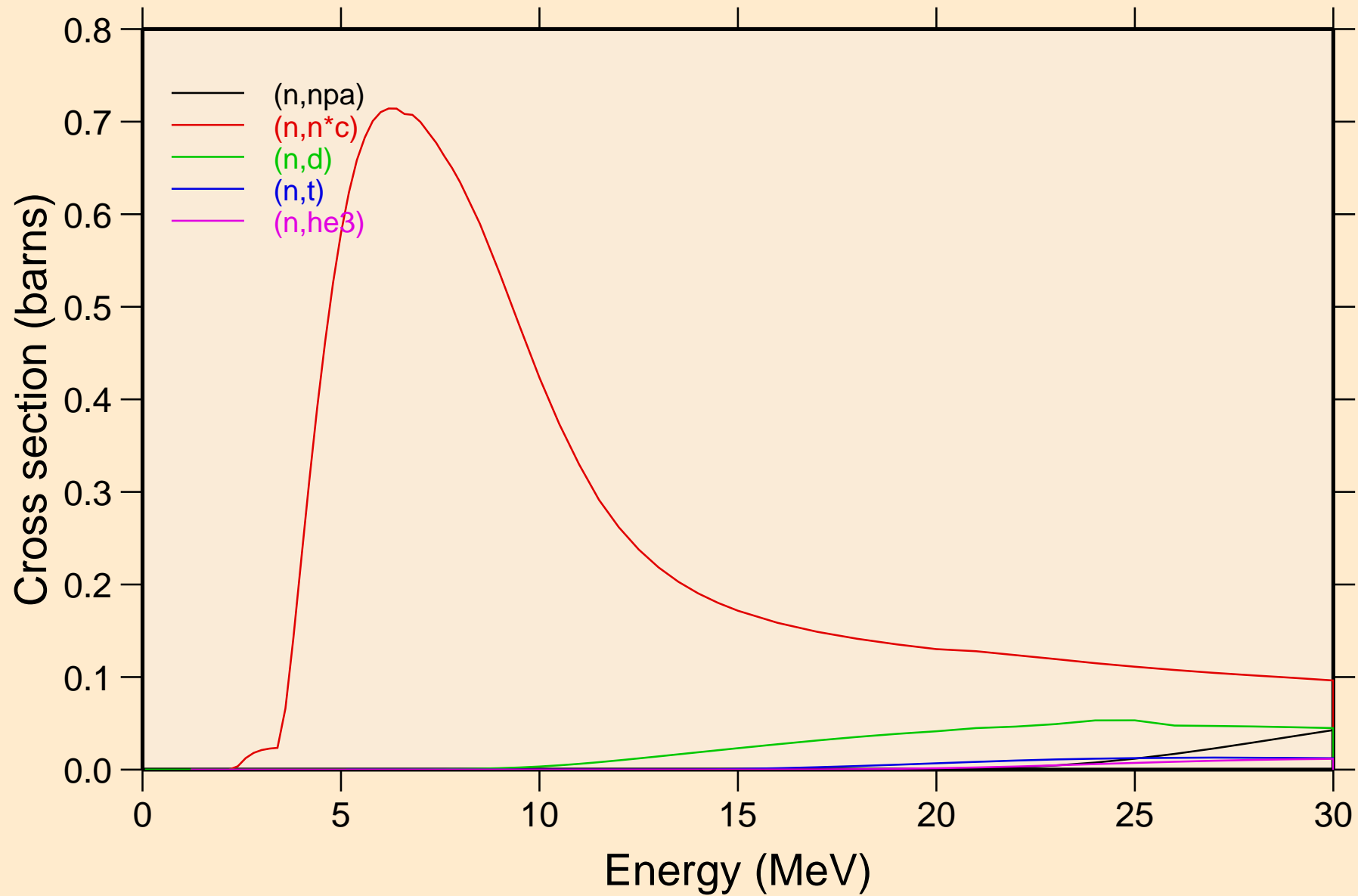
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

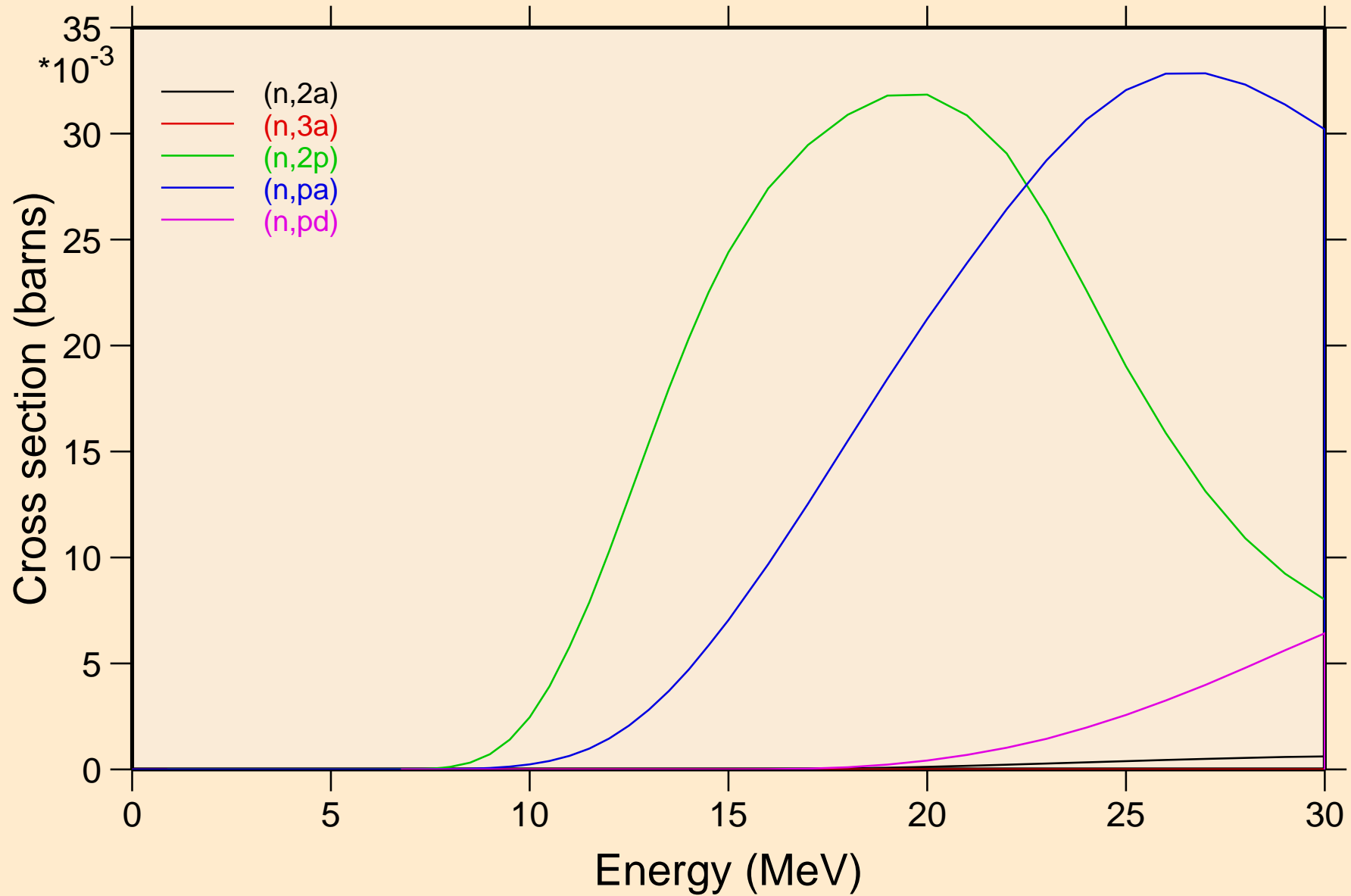


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

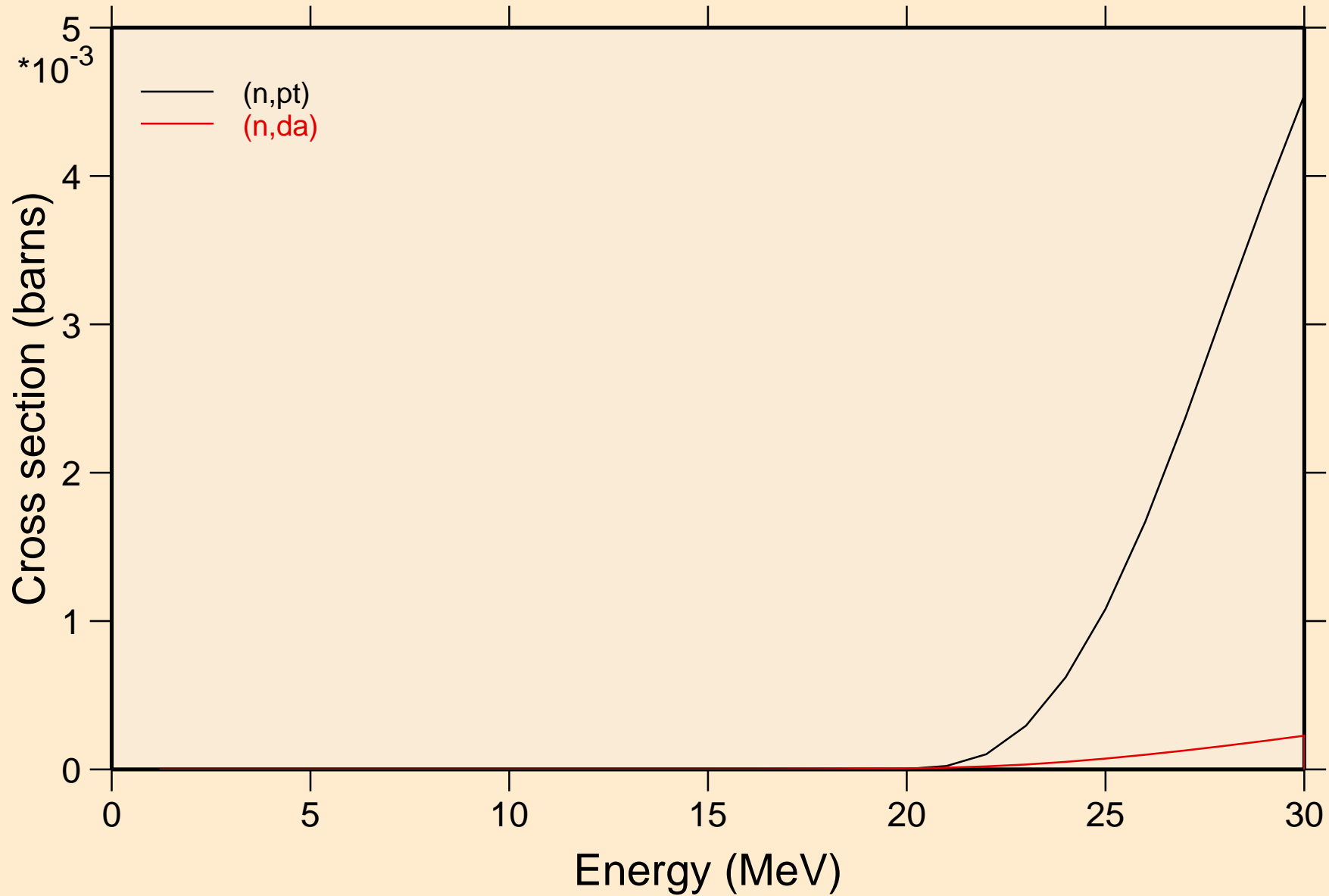
Threshold reactions



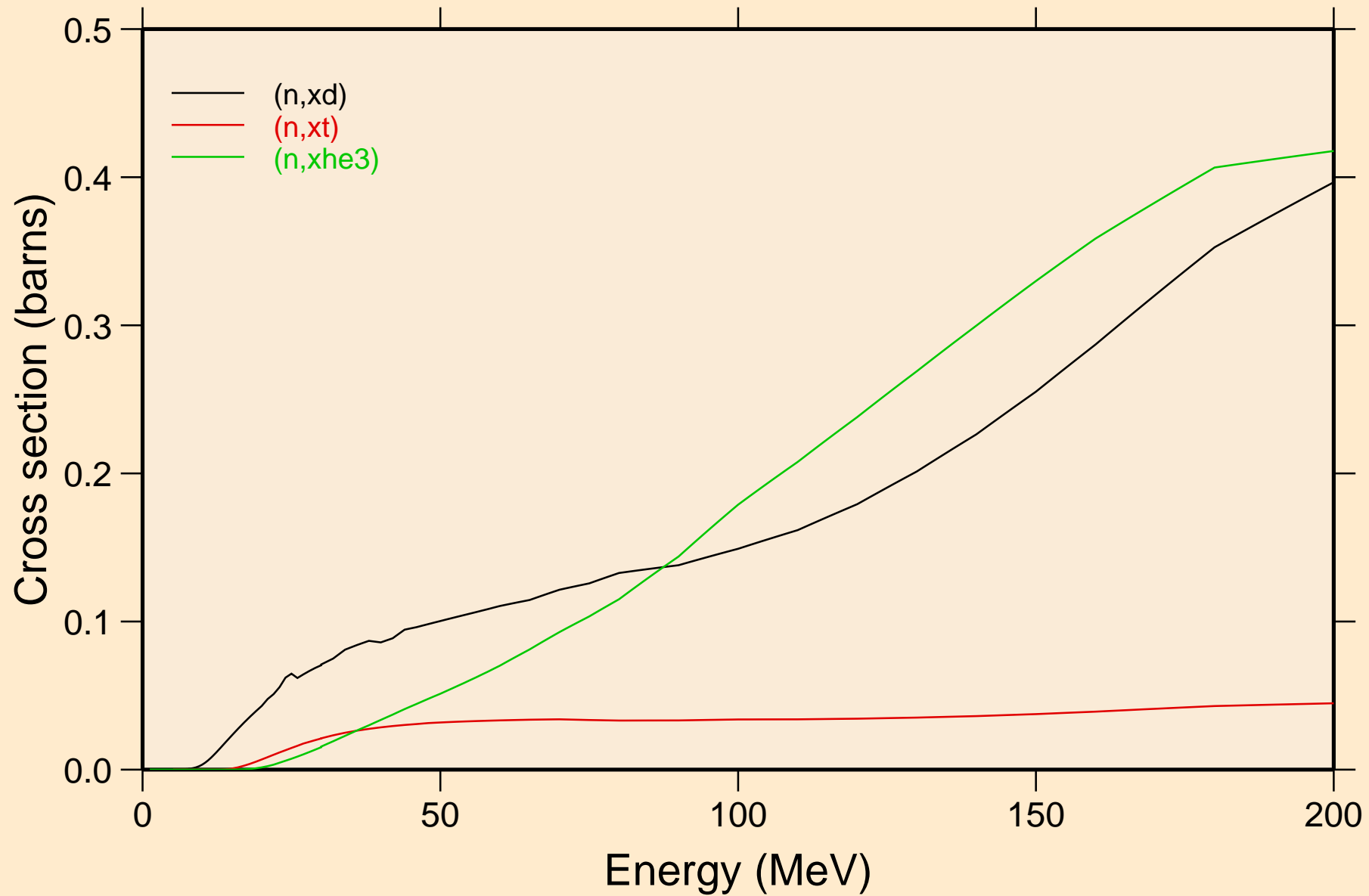
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



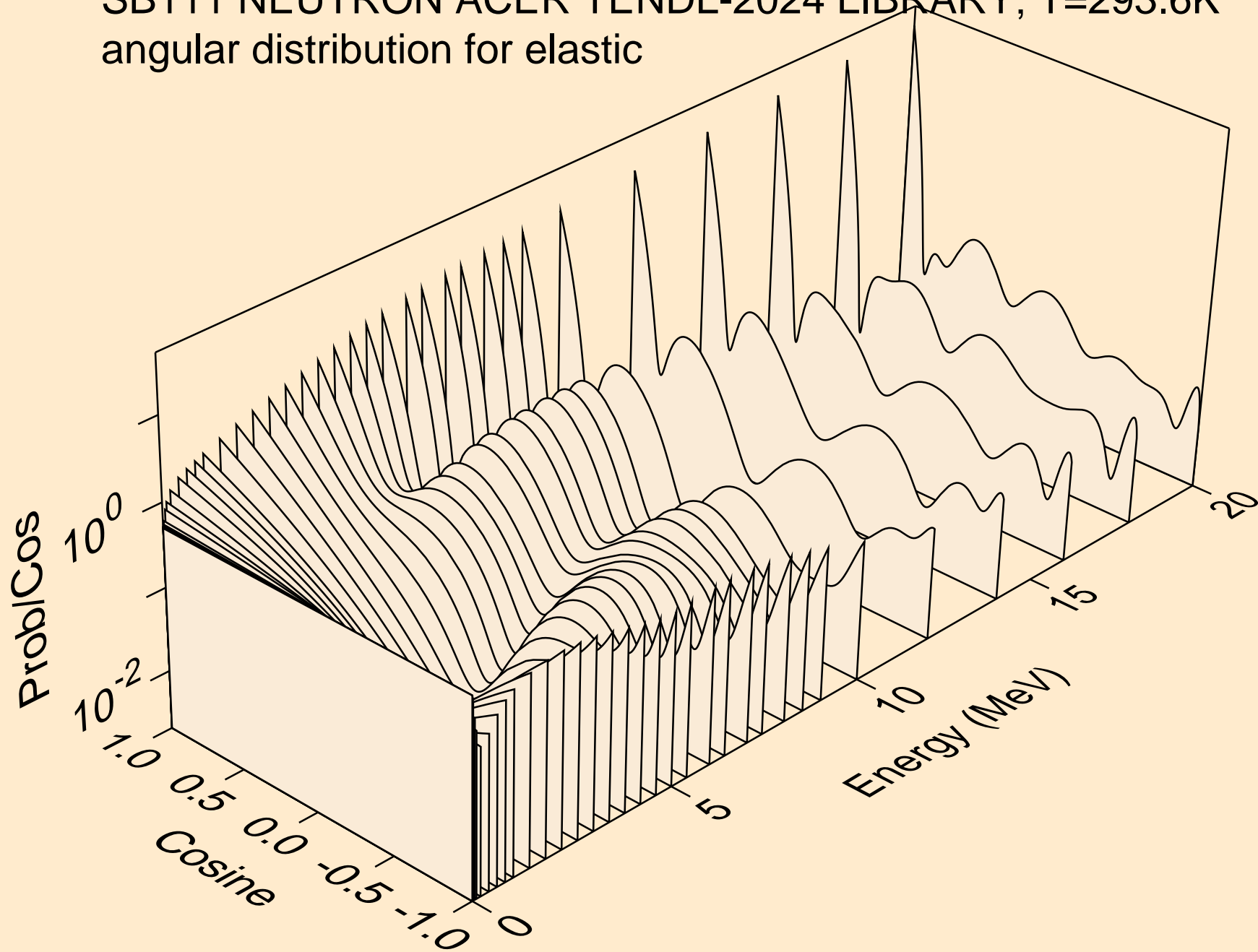
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



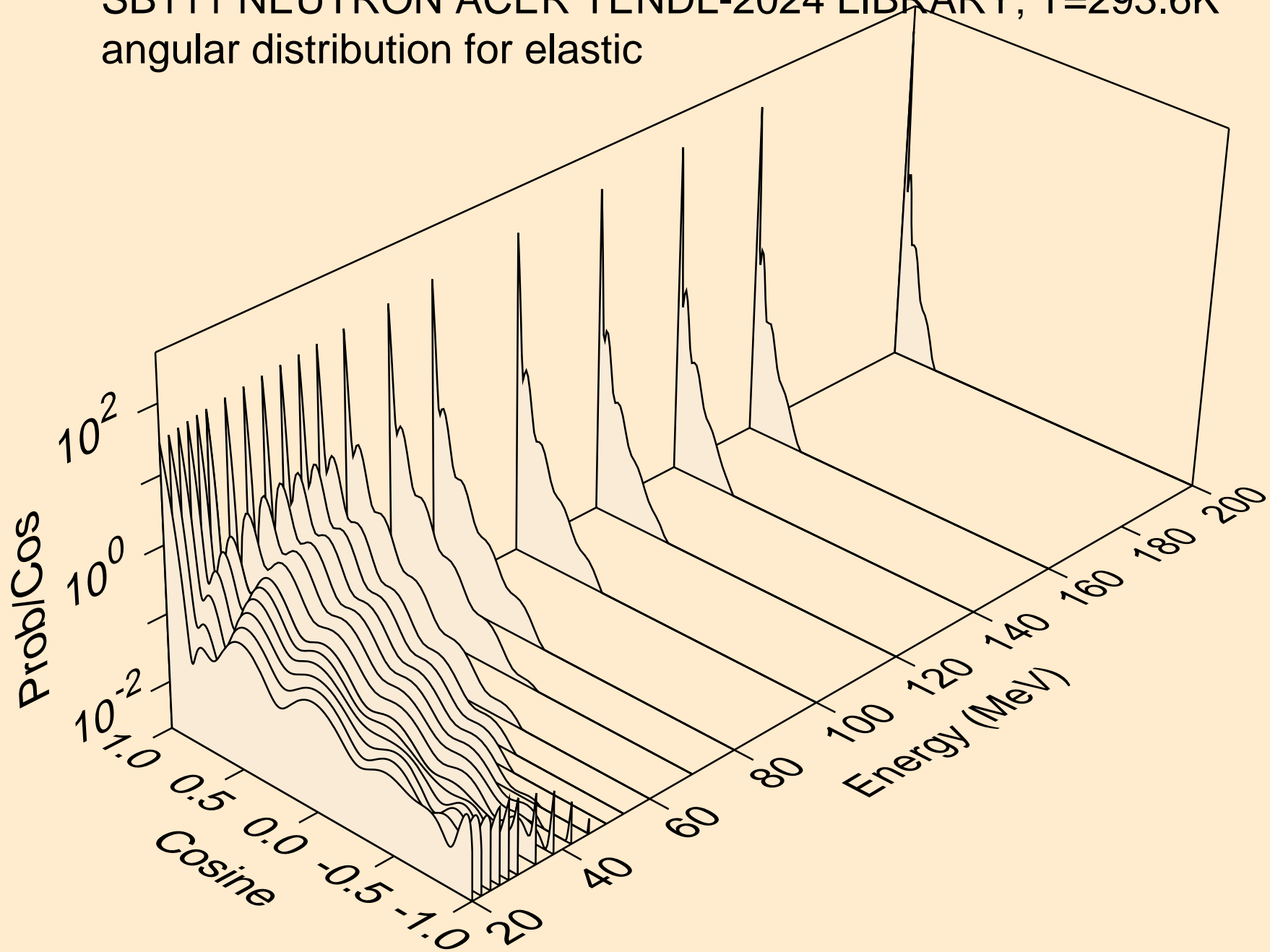
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



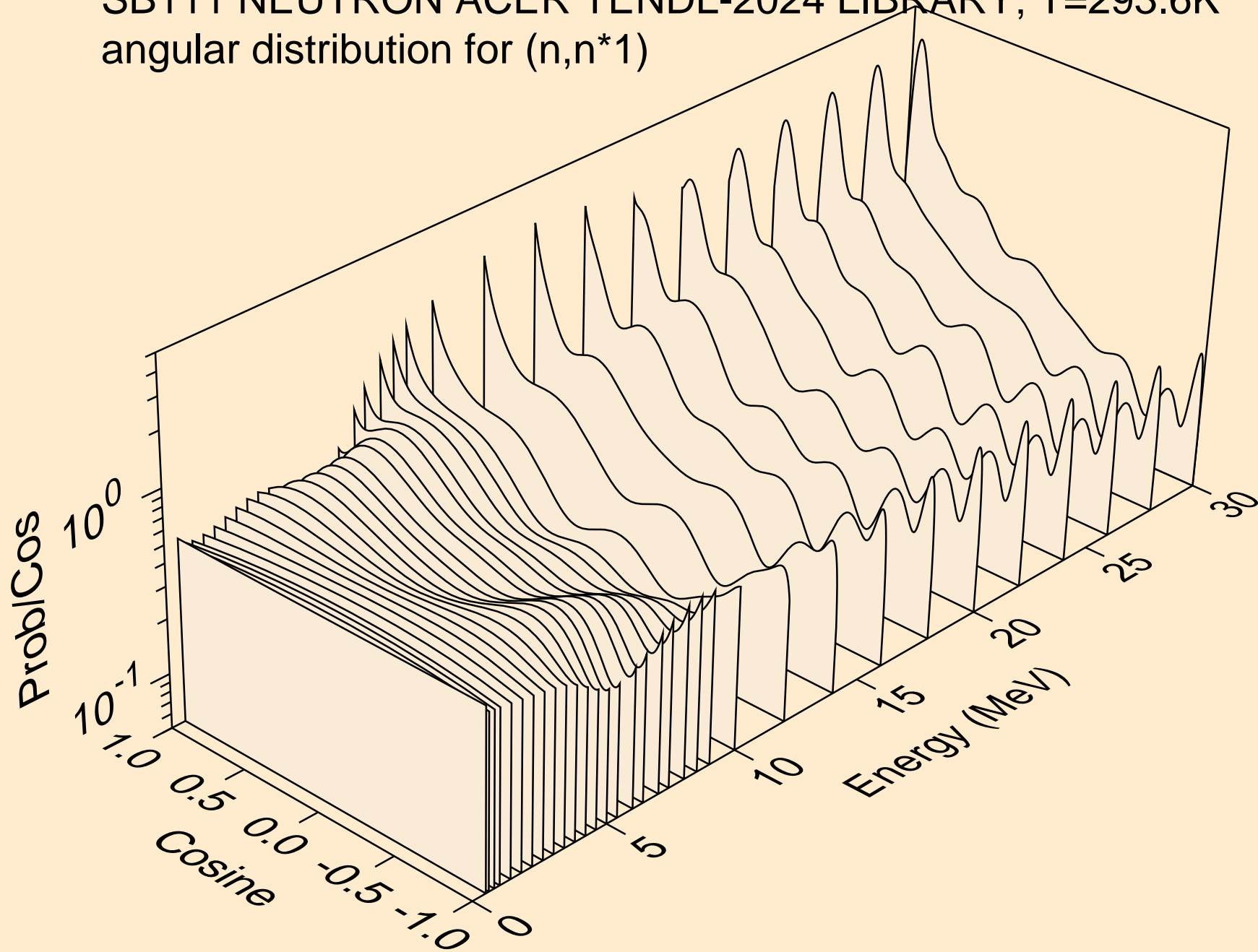
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



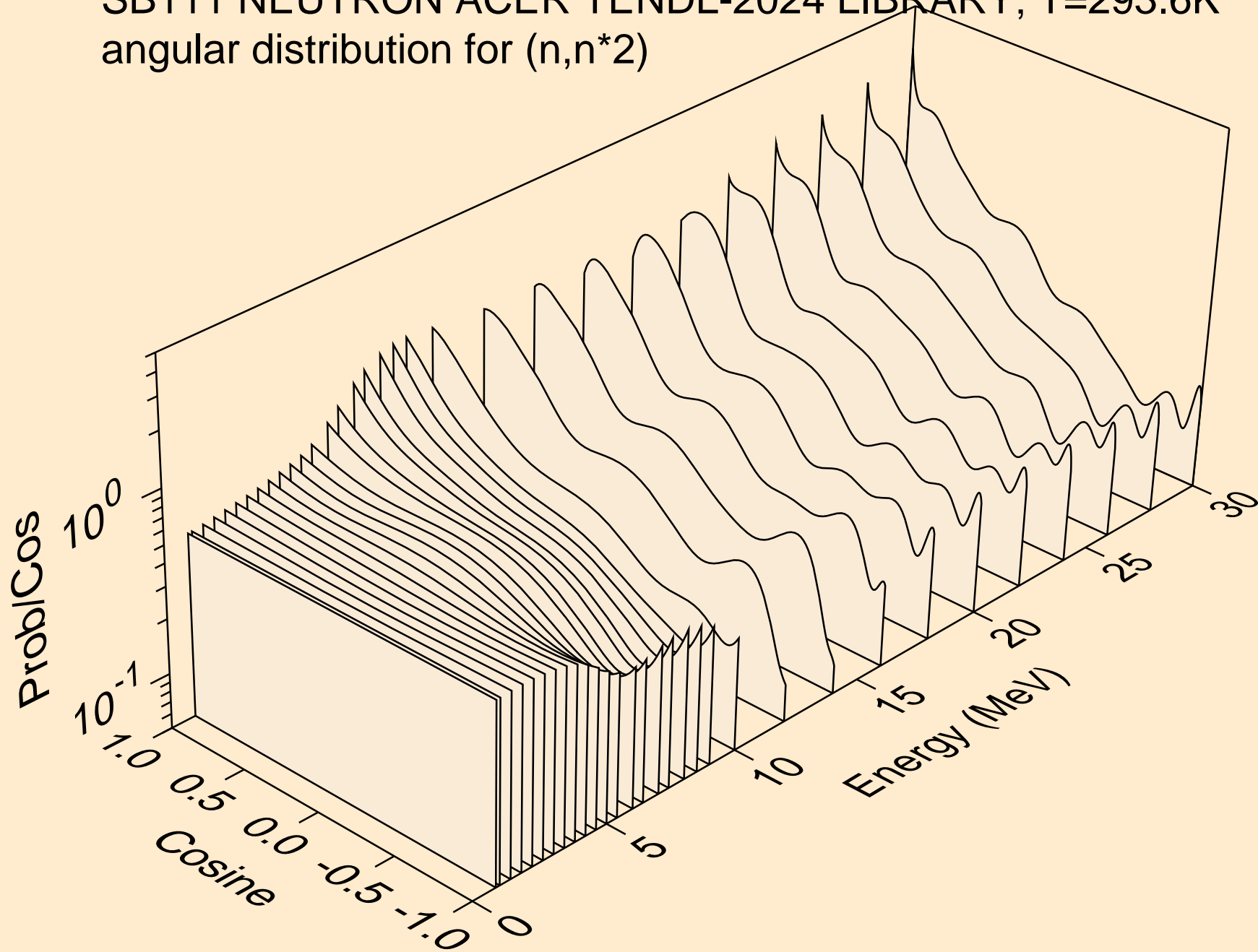
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



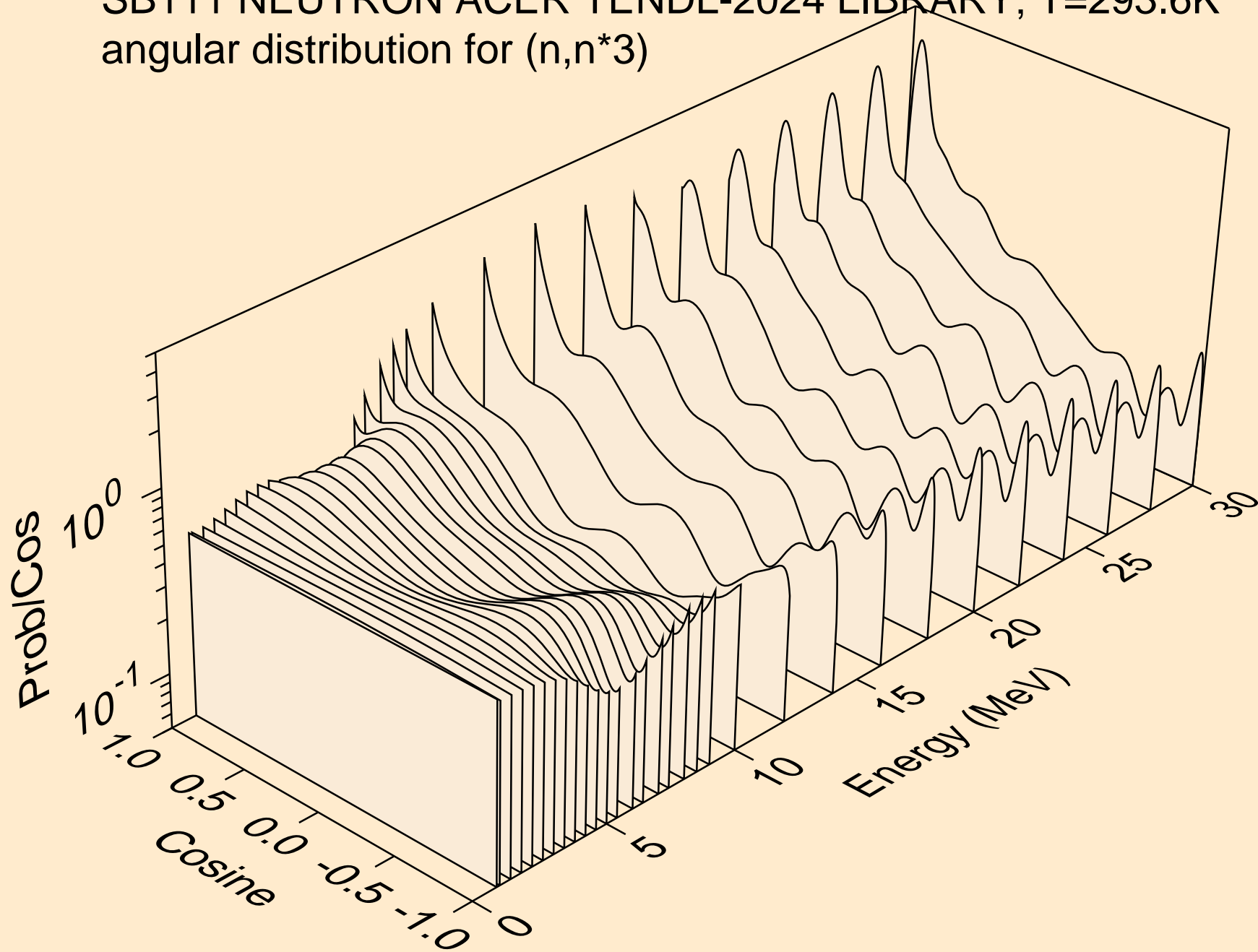
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



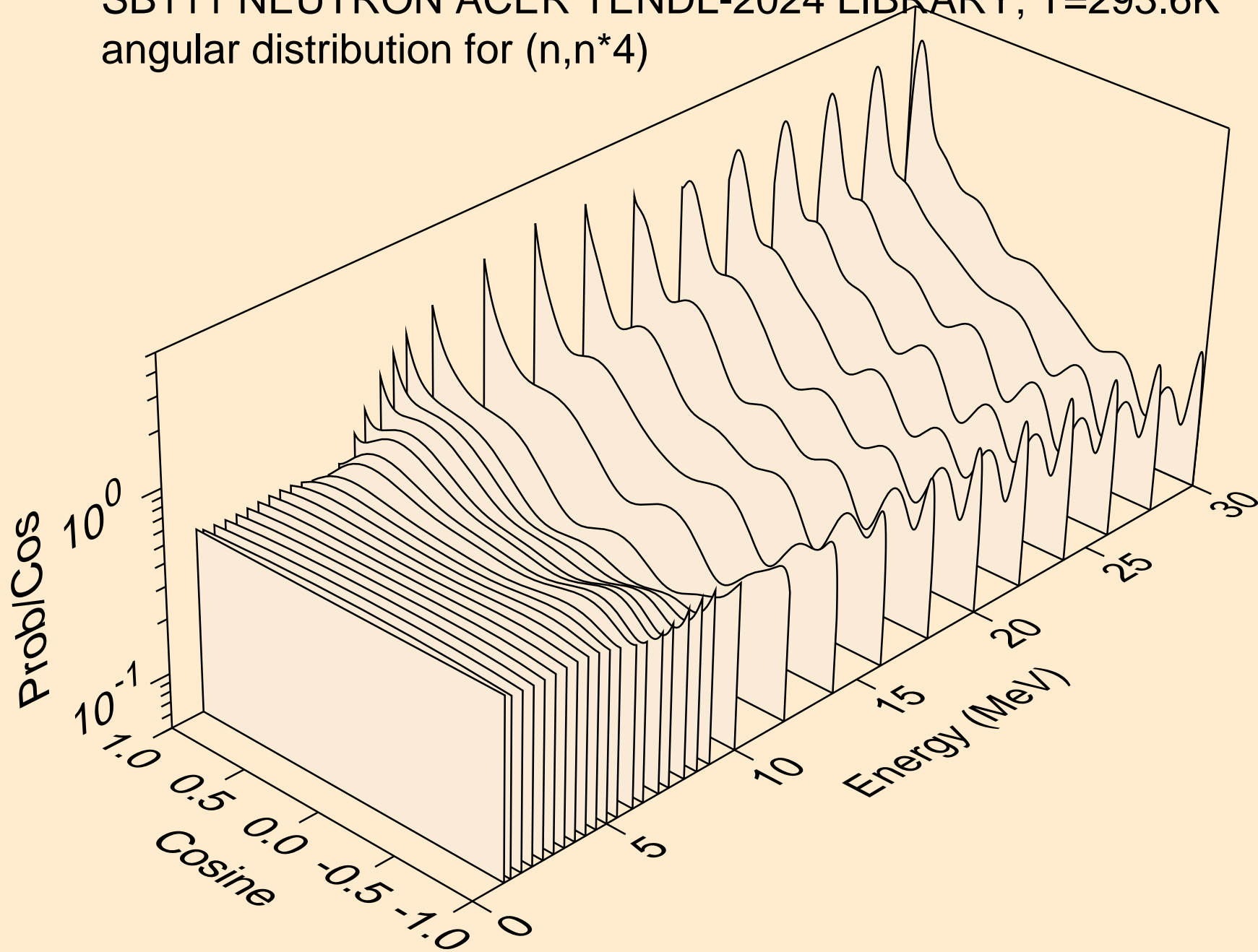
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



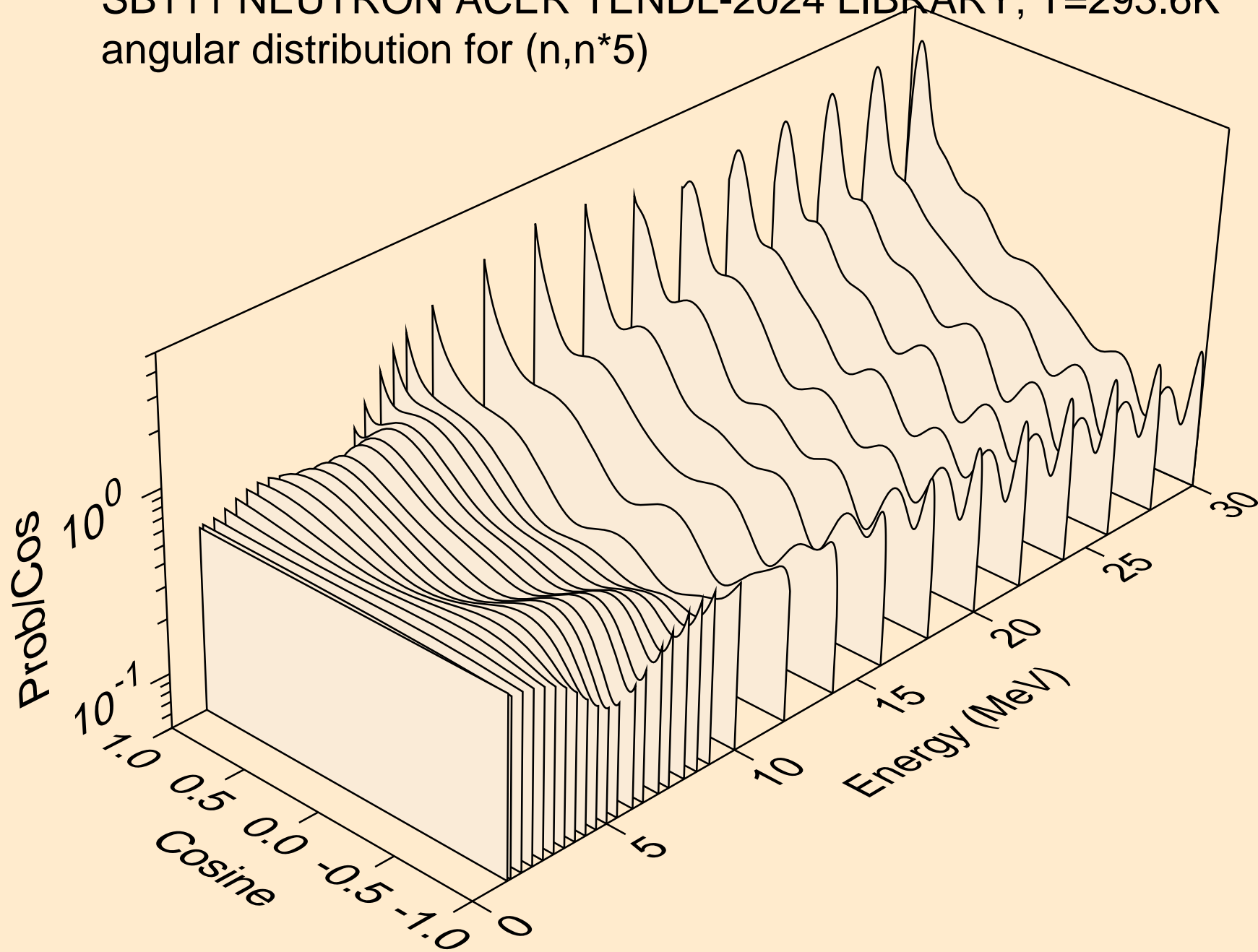
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angular distribution for (n,n*3)



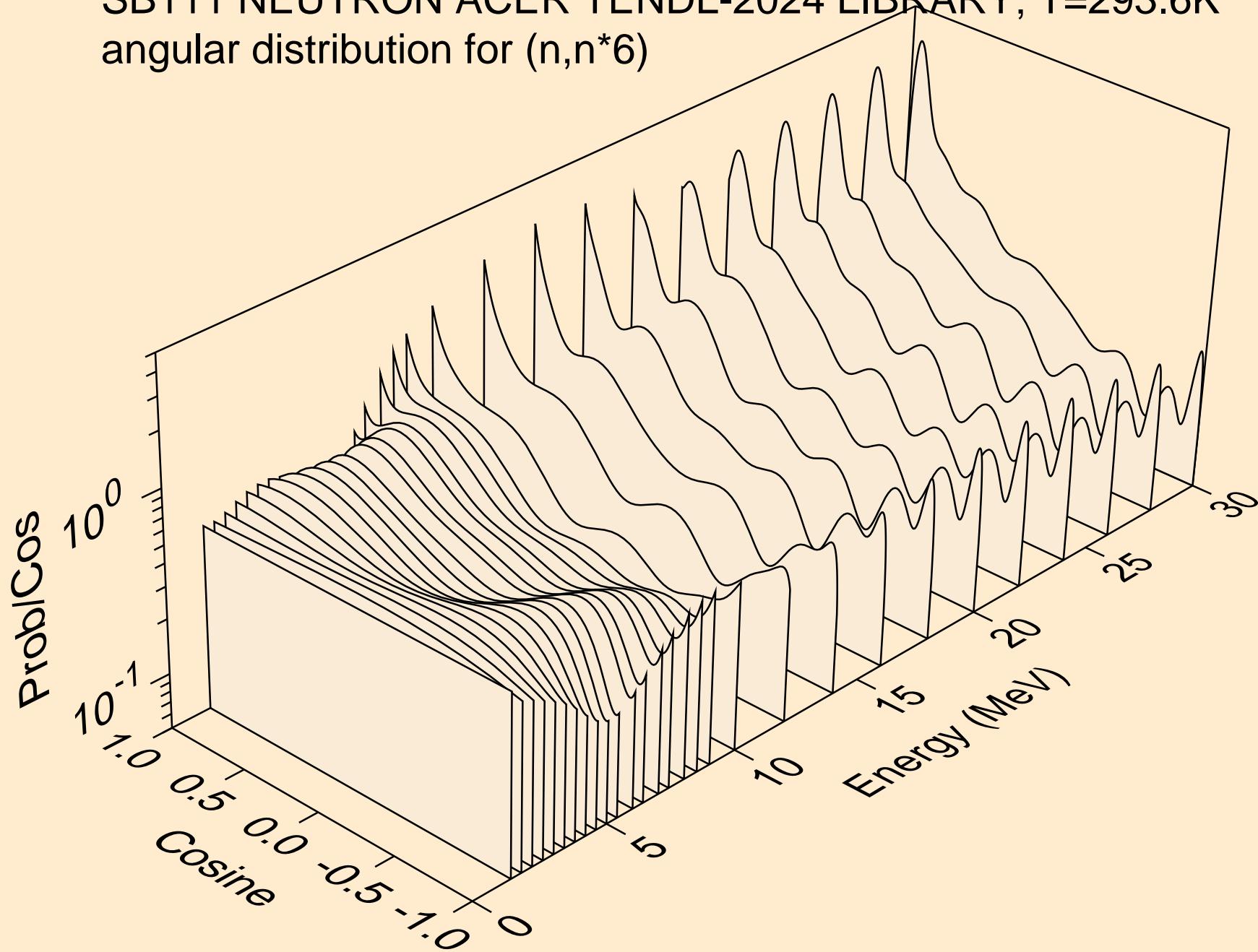
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angular distribution for (n,n*4)



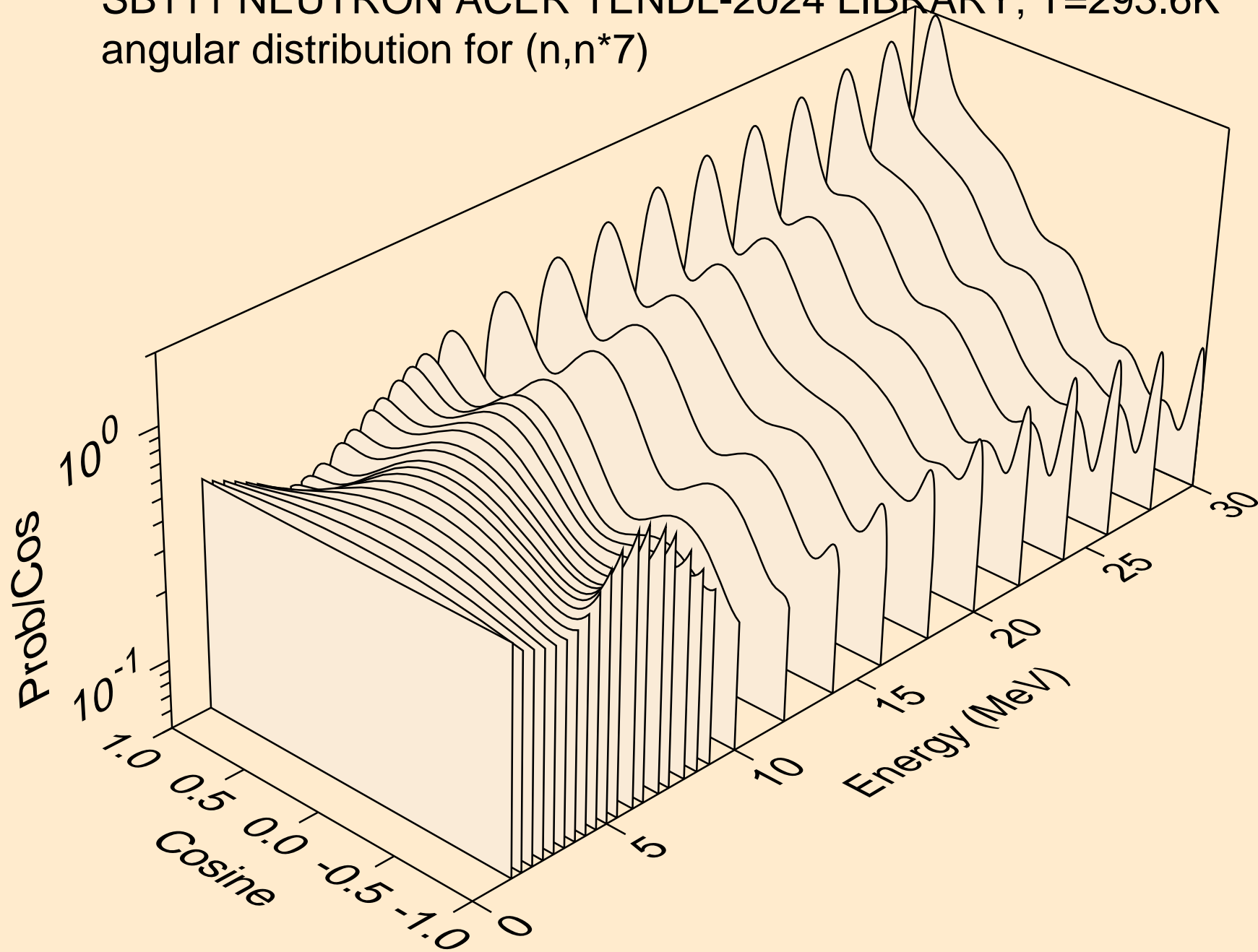
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angular distribution for (n,n*5)



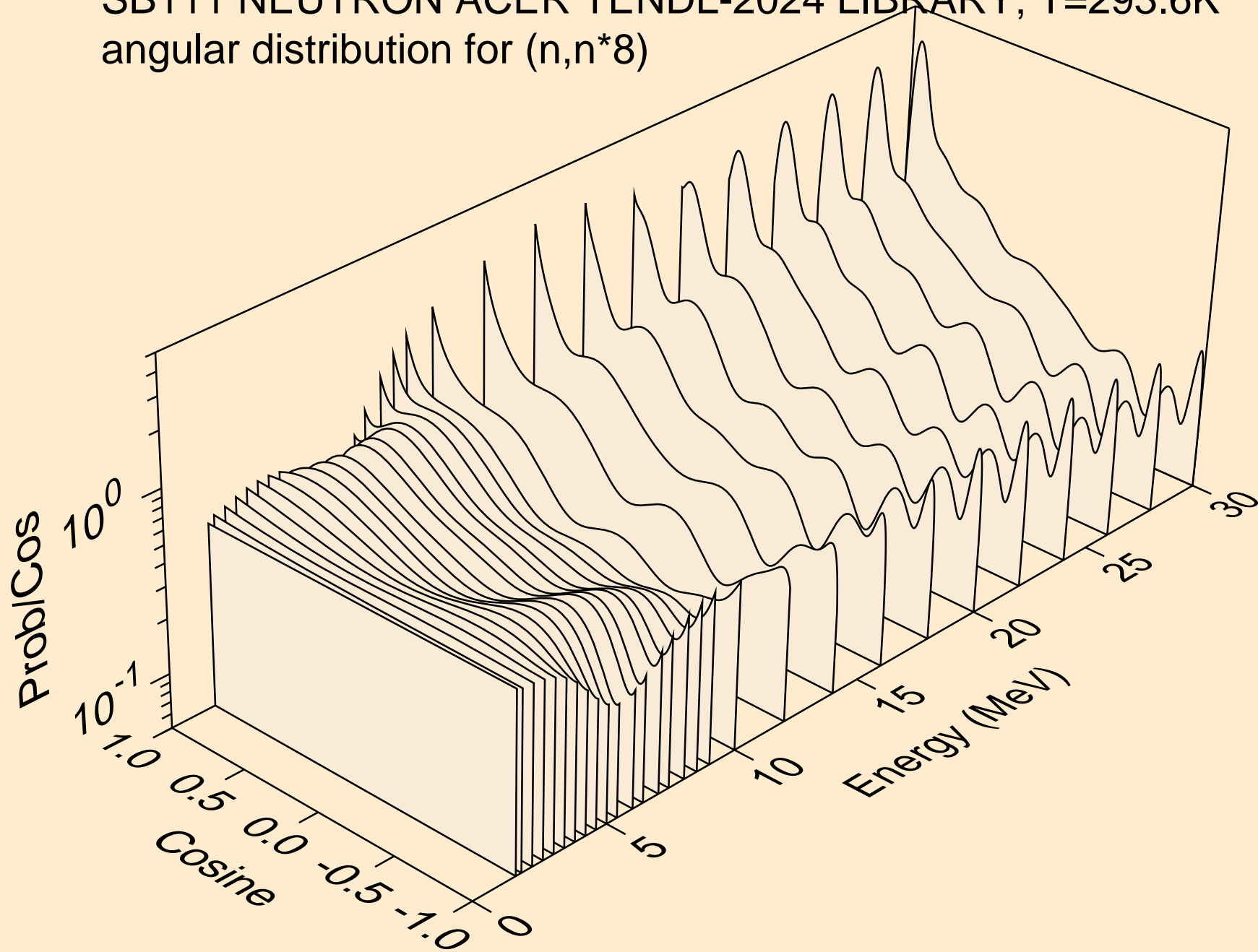
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angular distribution for (n,n*6)



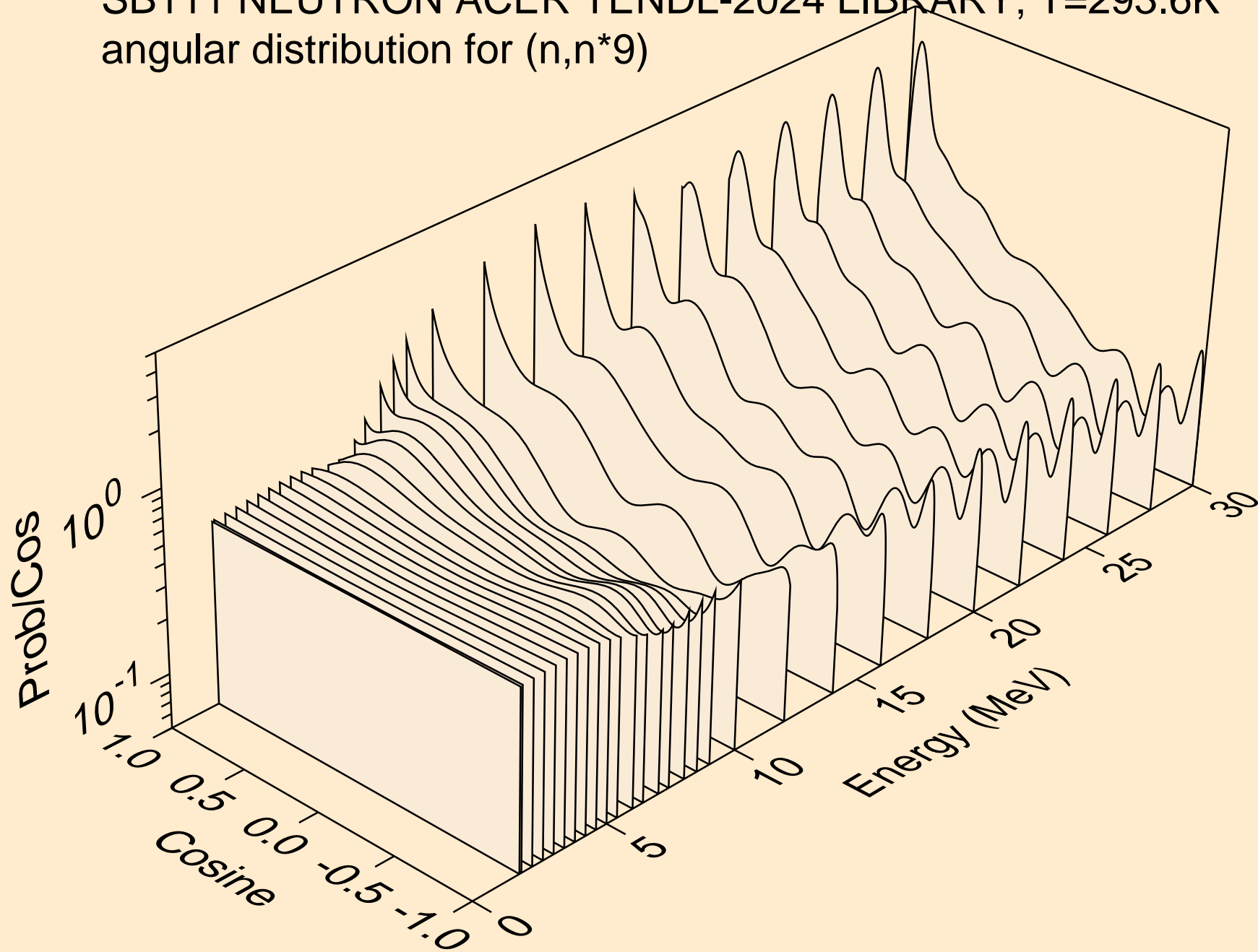
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angular distribution for (n,n*7)



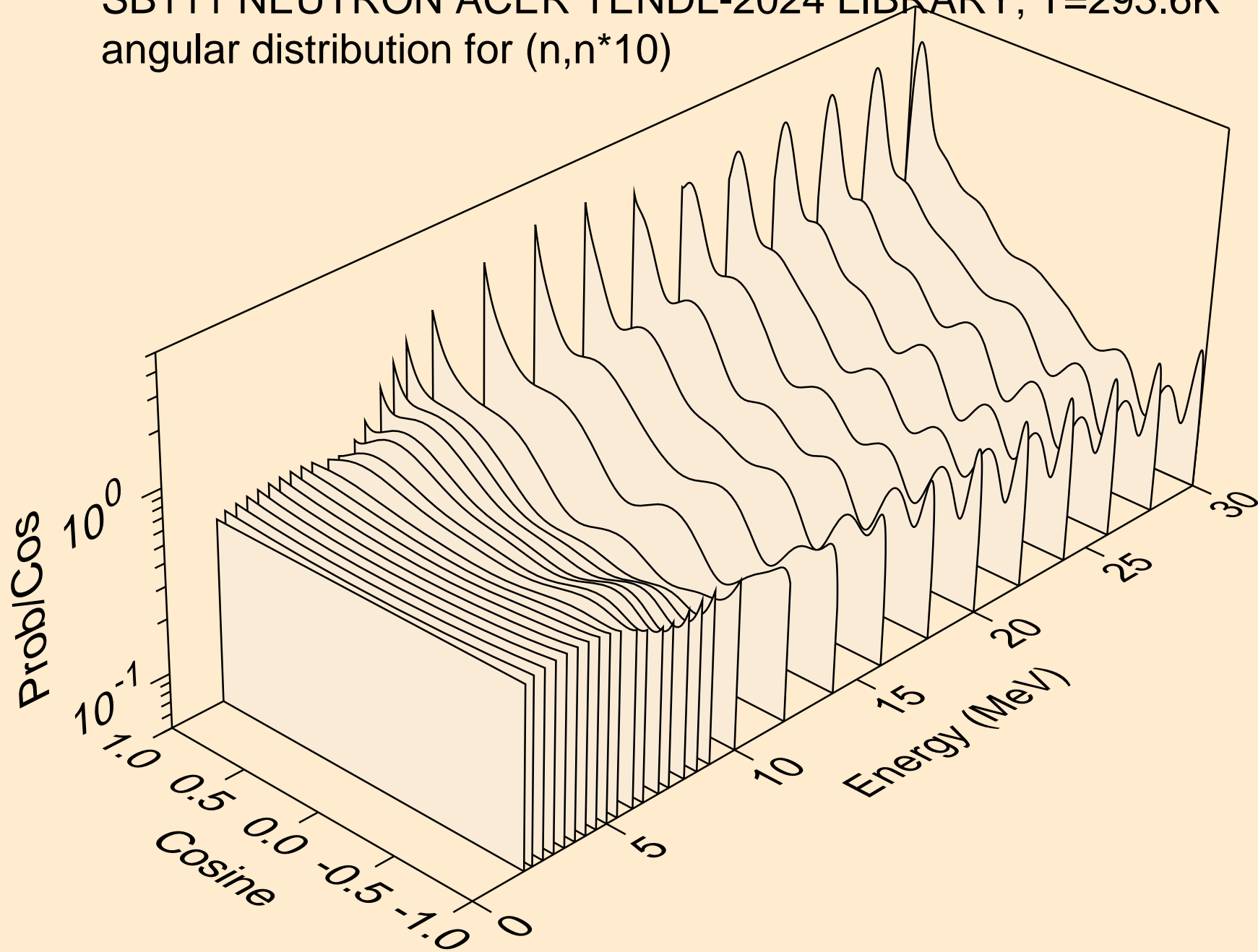
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angular distribution for (n,n*8)



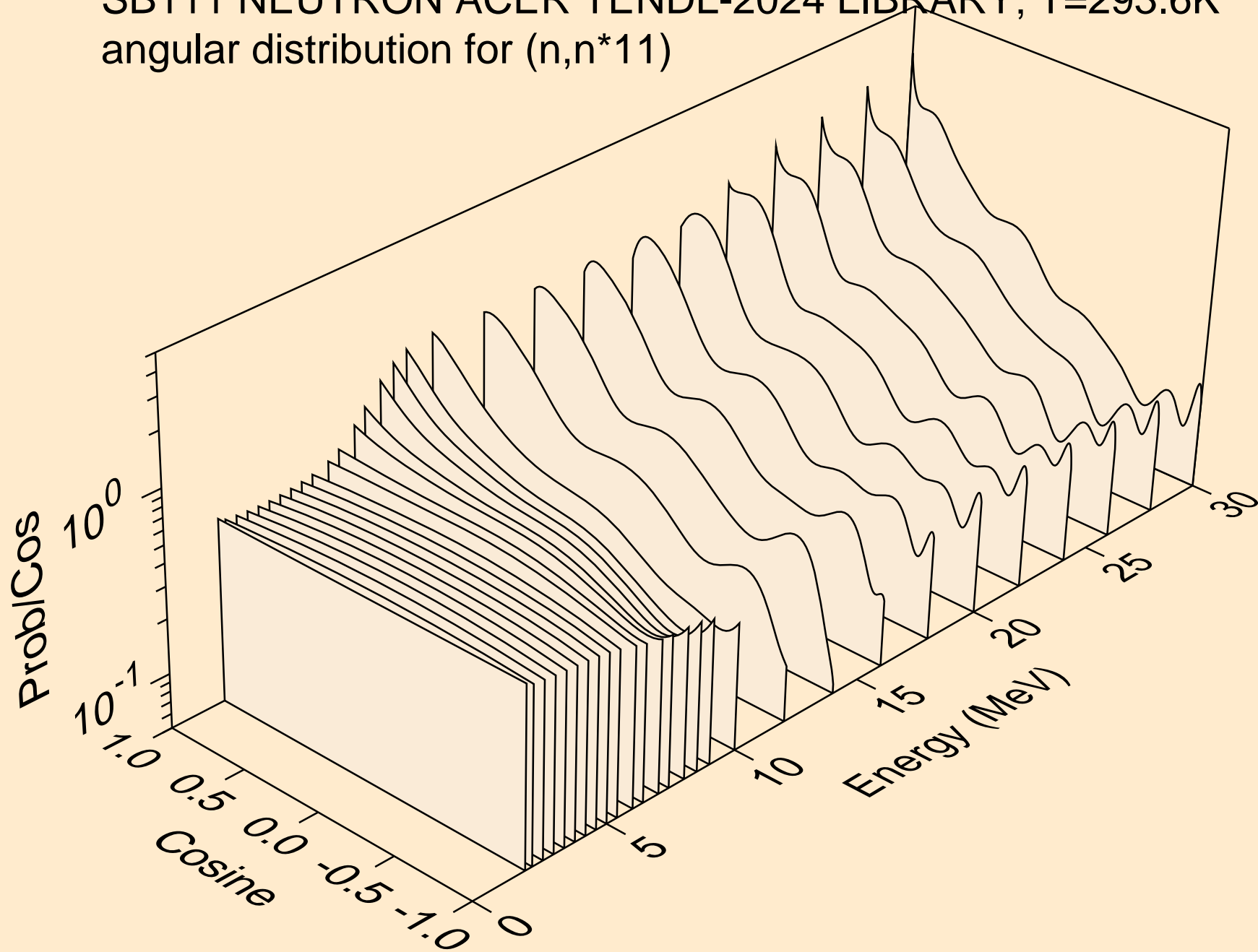
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angular distribution for (n,n*9)



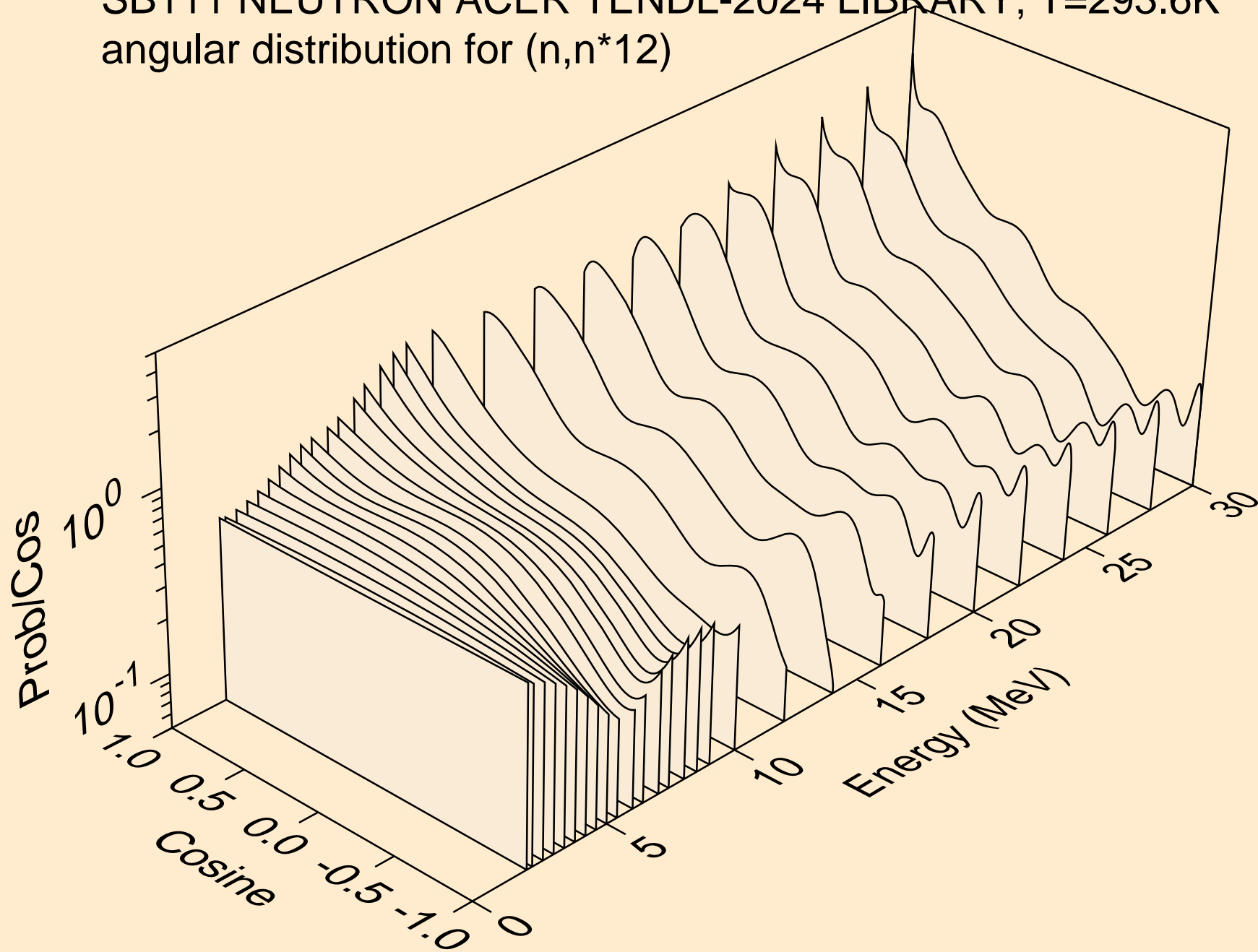
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angular distribution for (n,n*10)



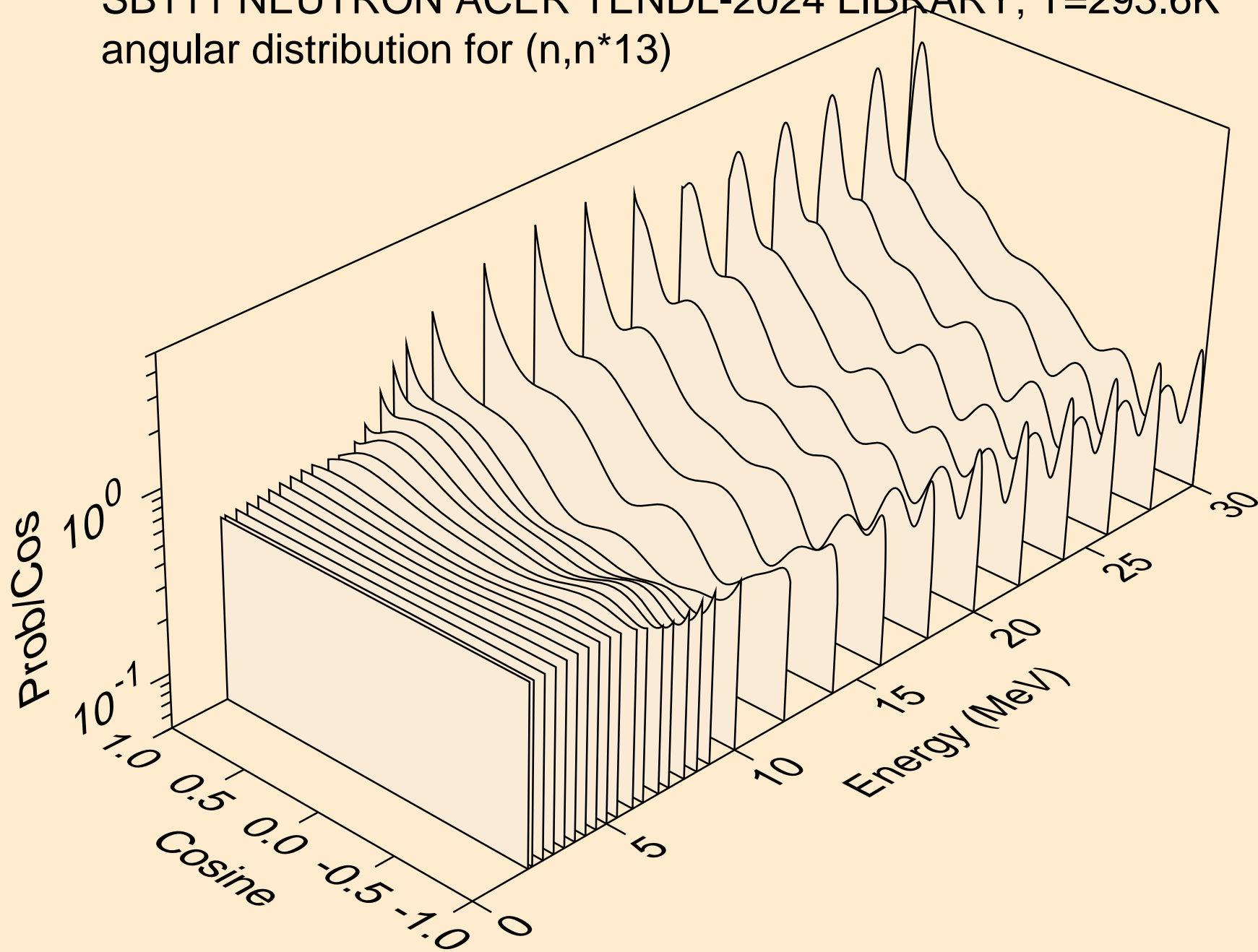
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angular distribution for (n,n*11)



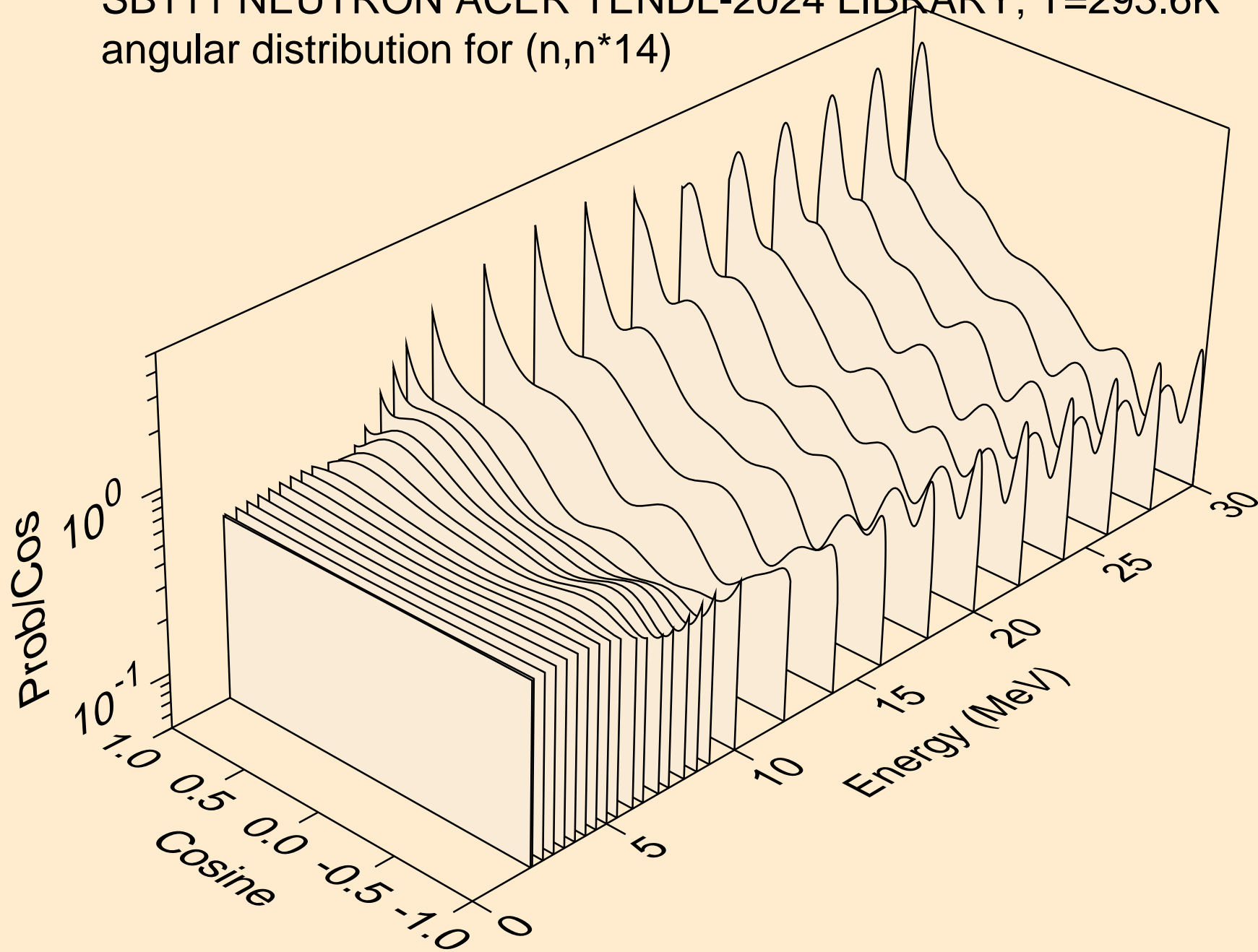
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angular distribution for (n,n*12)



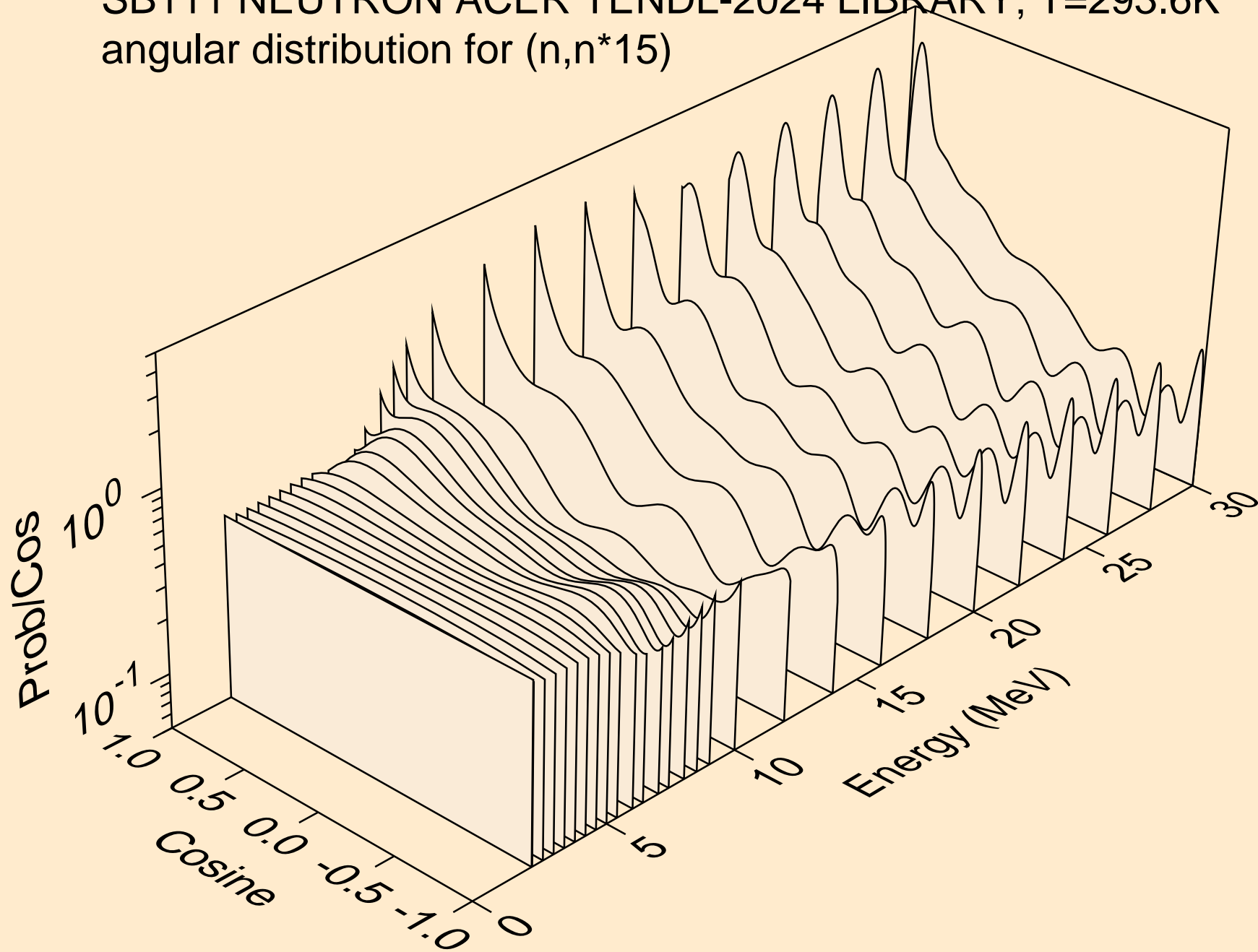
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angular distribution for (n,n*13)



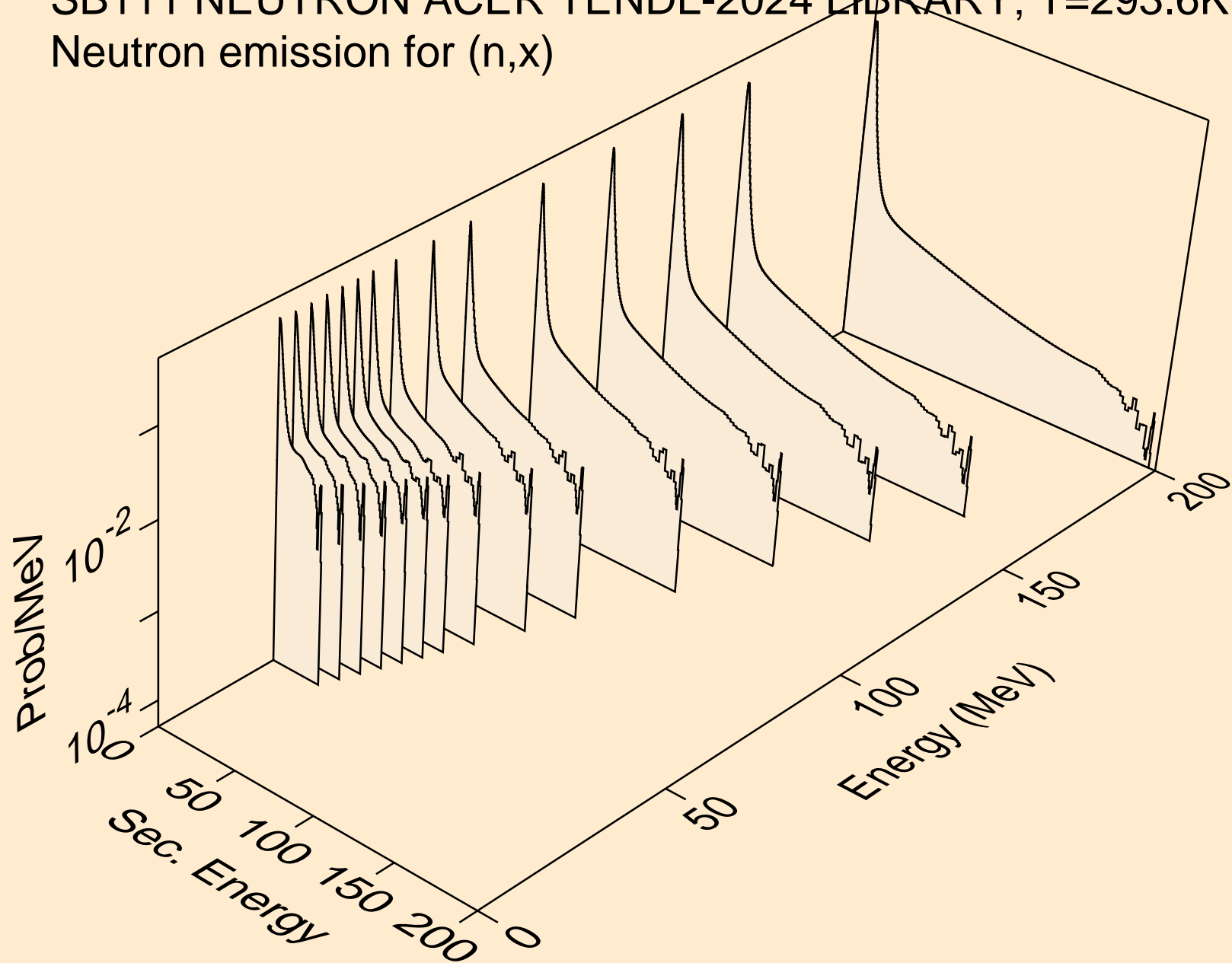
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angular distribution for (n,n*14)



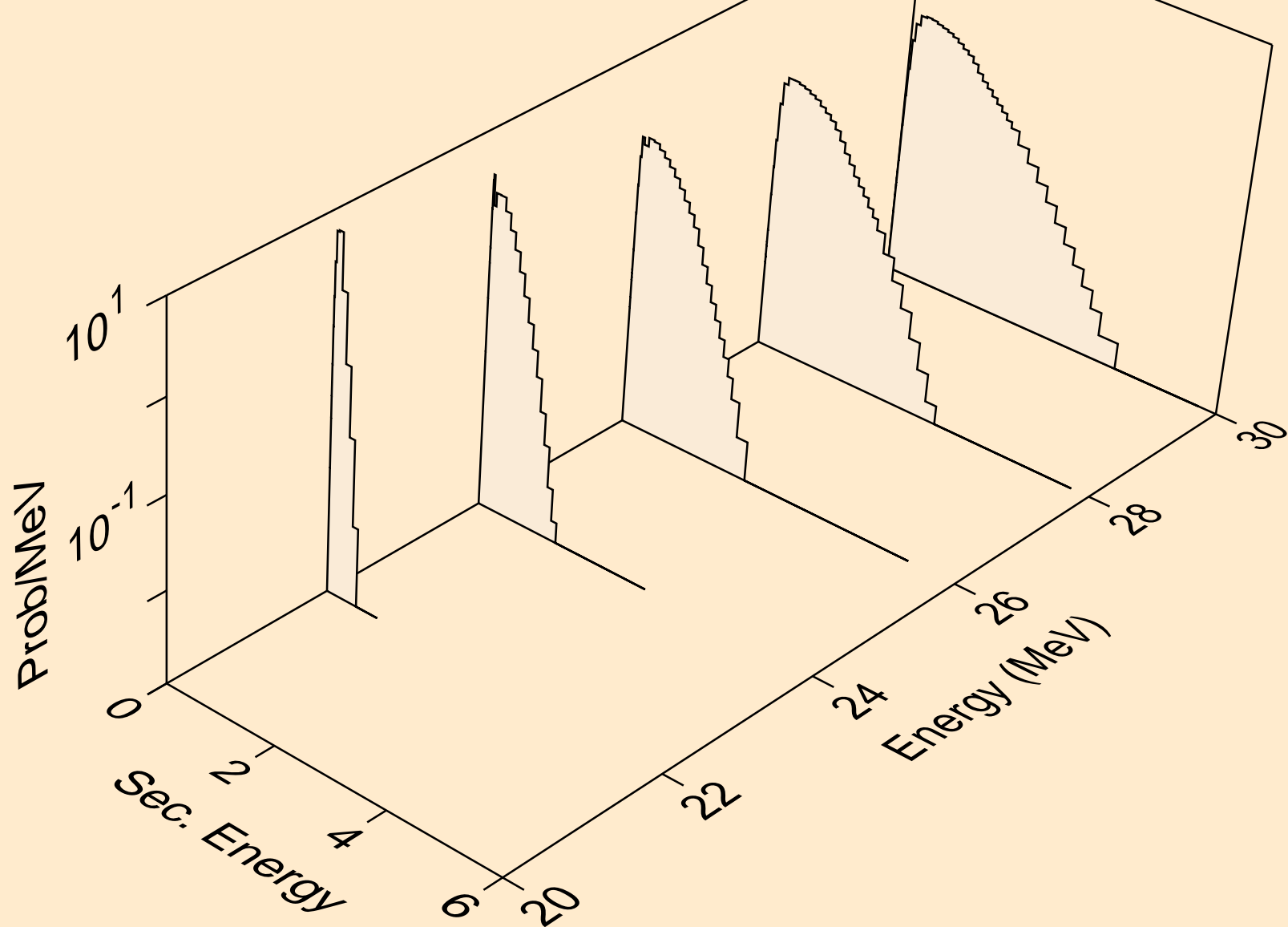
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angular distribution for (n,n*15)



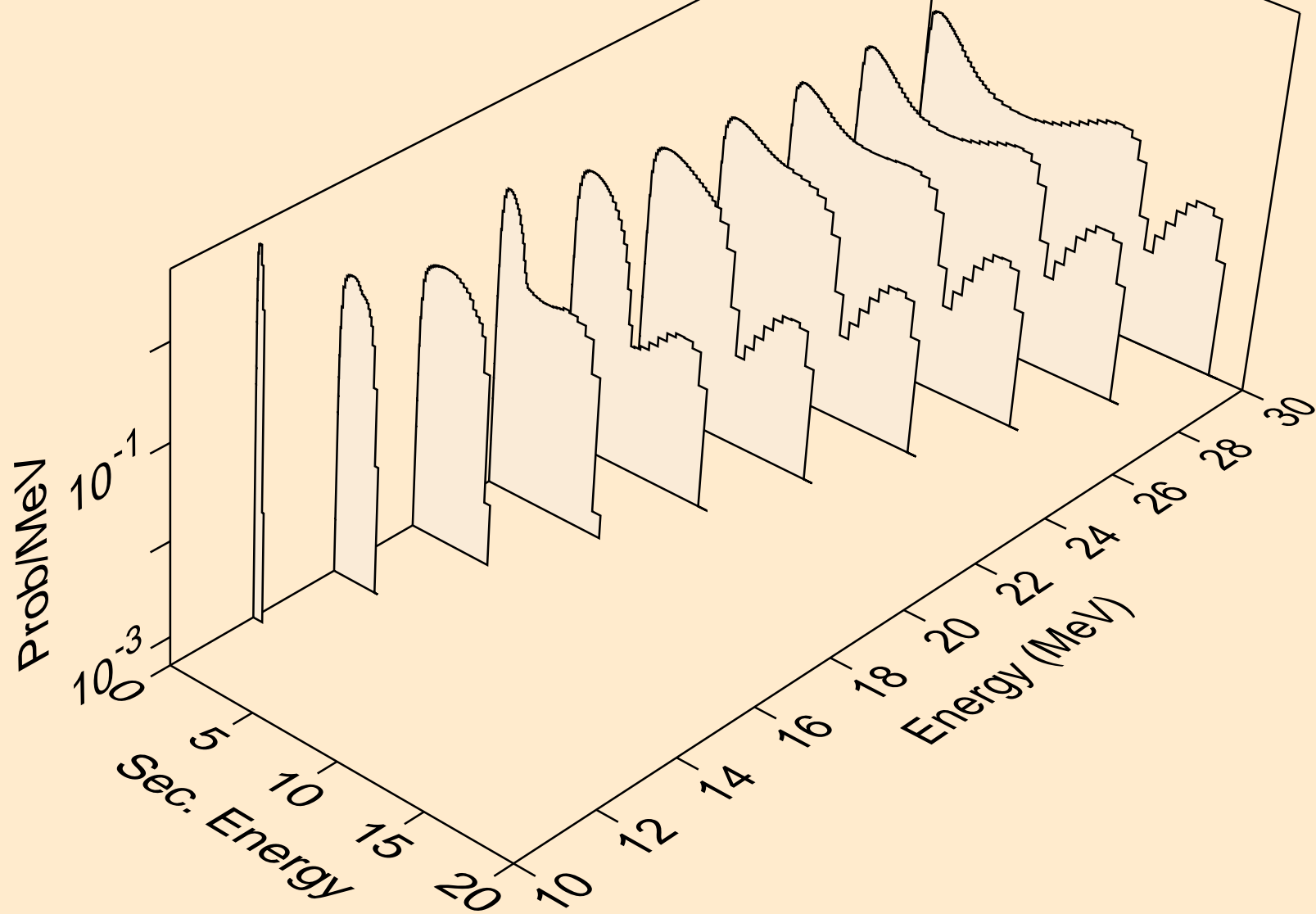
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



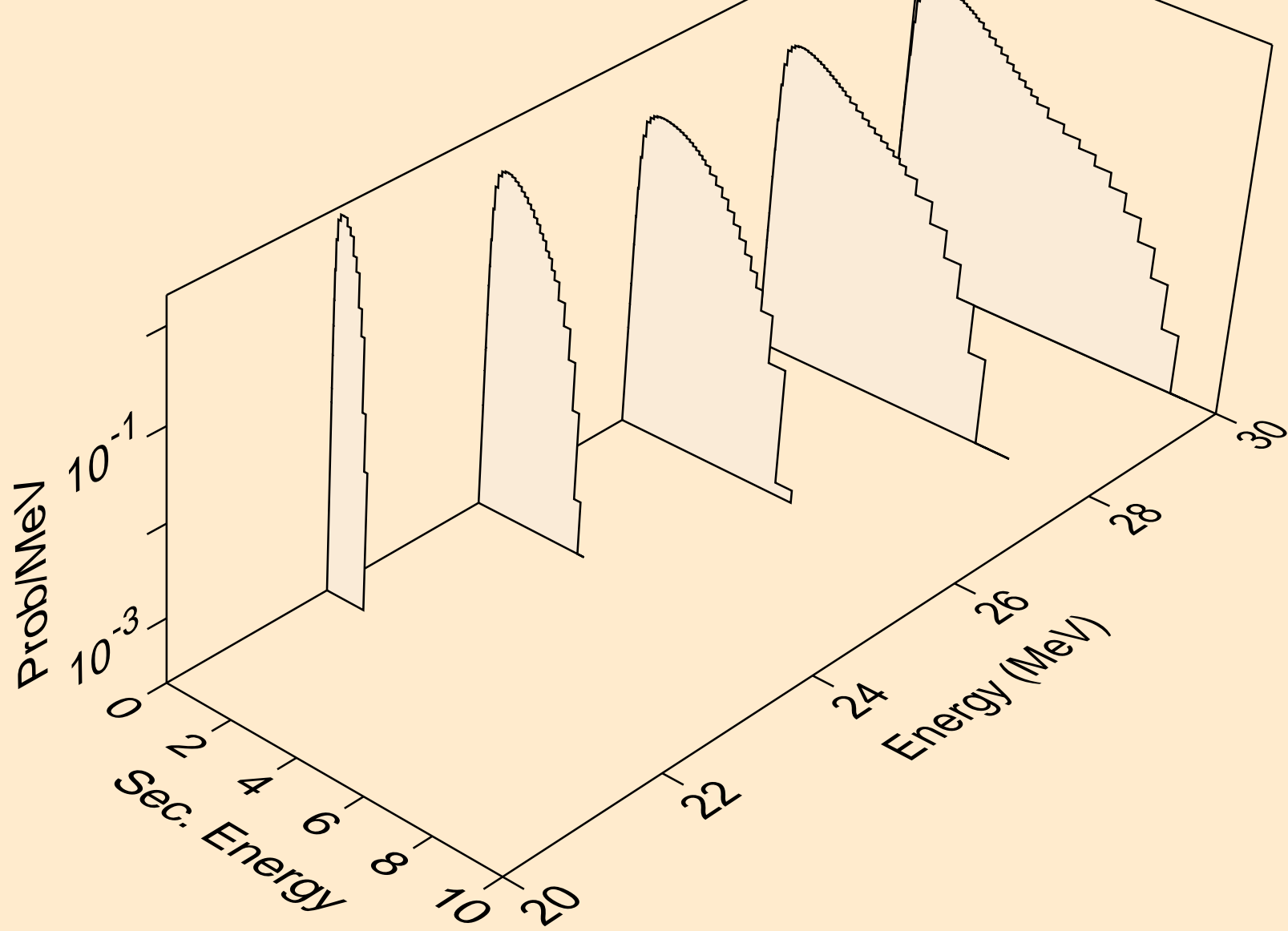
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



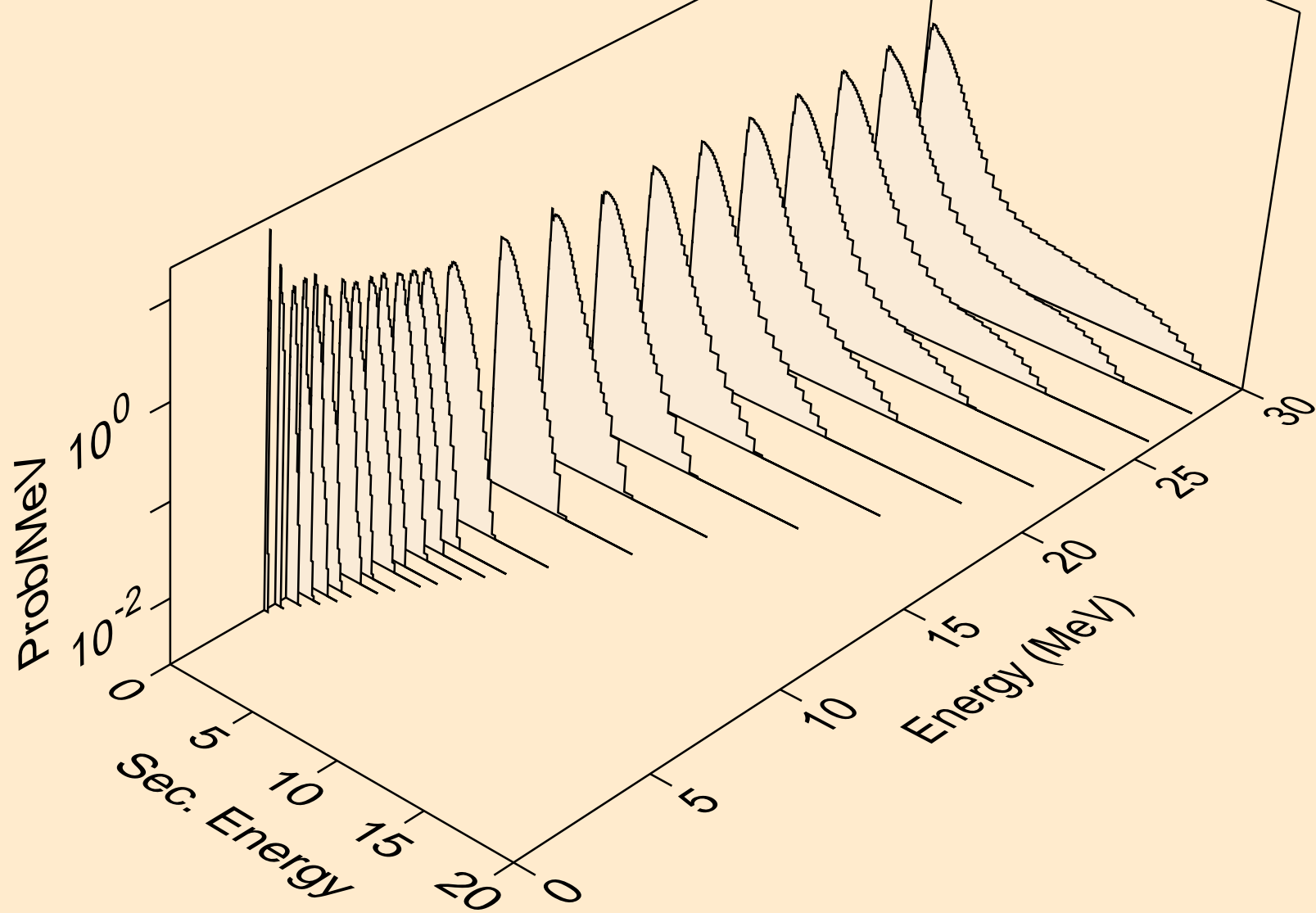
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



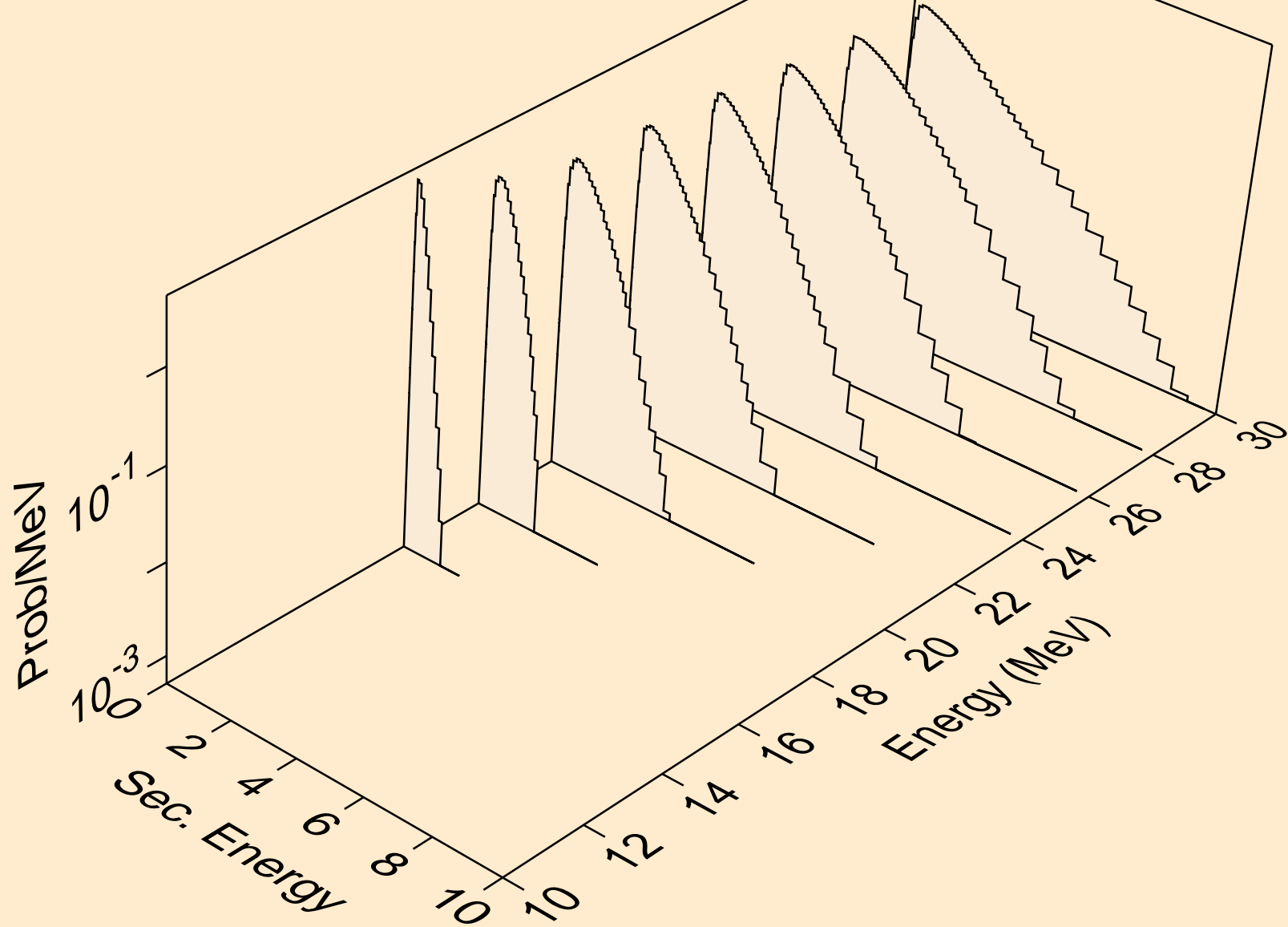
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



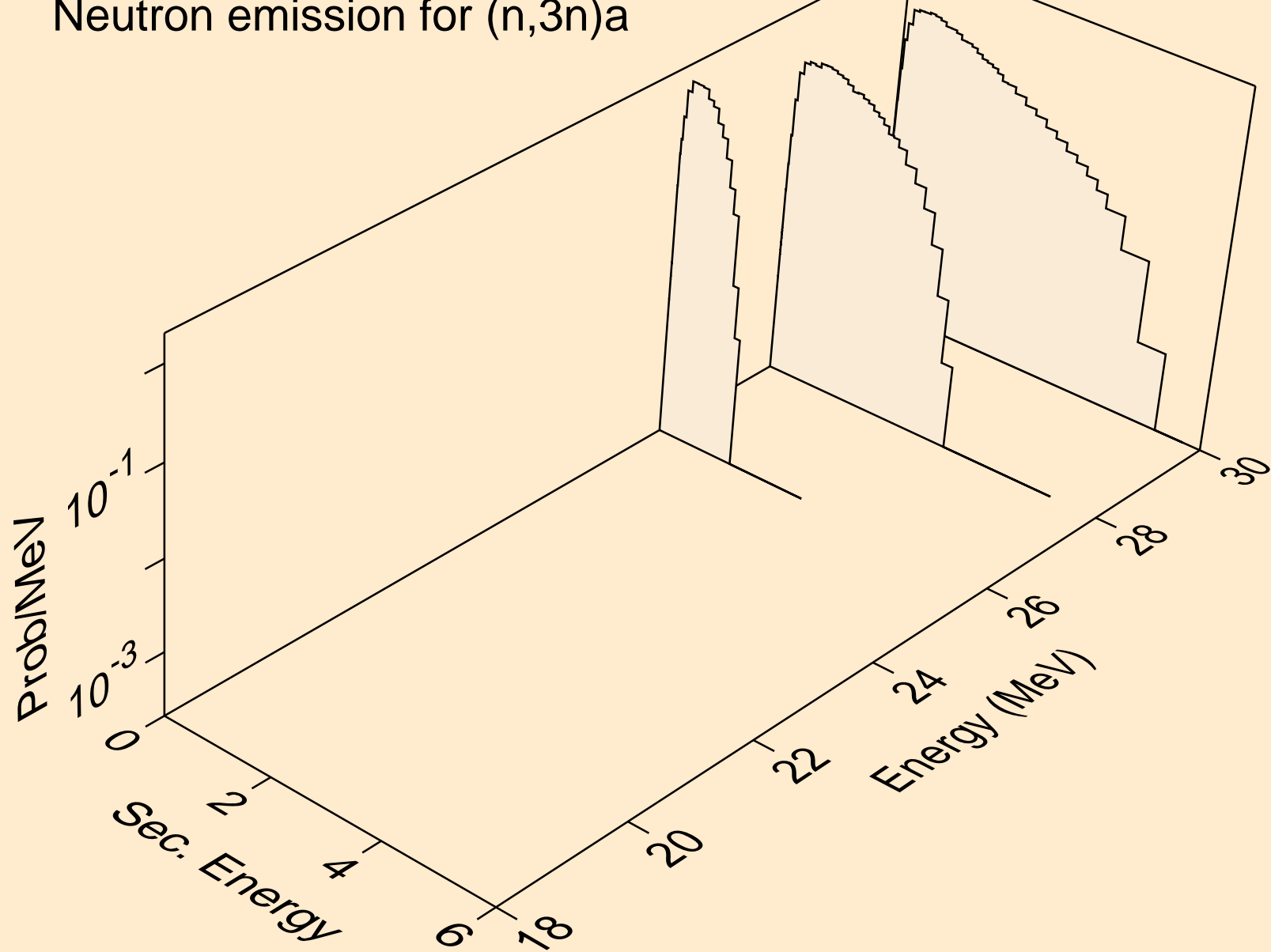
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



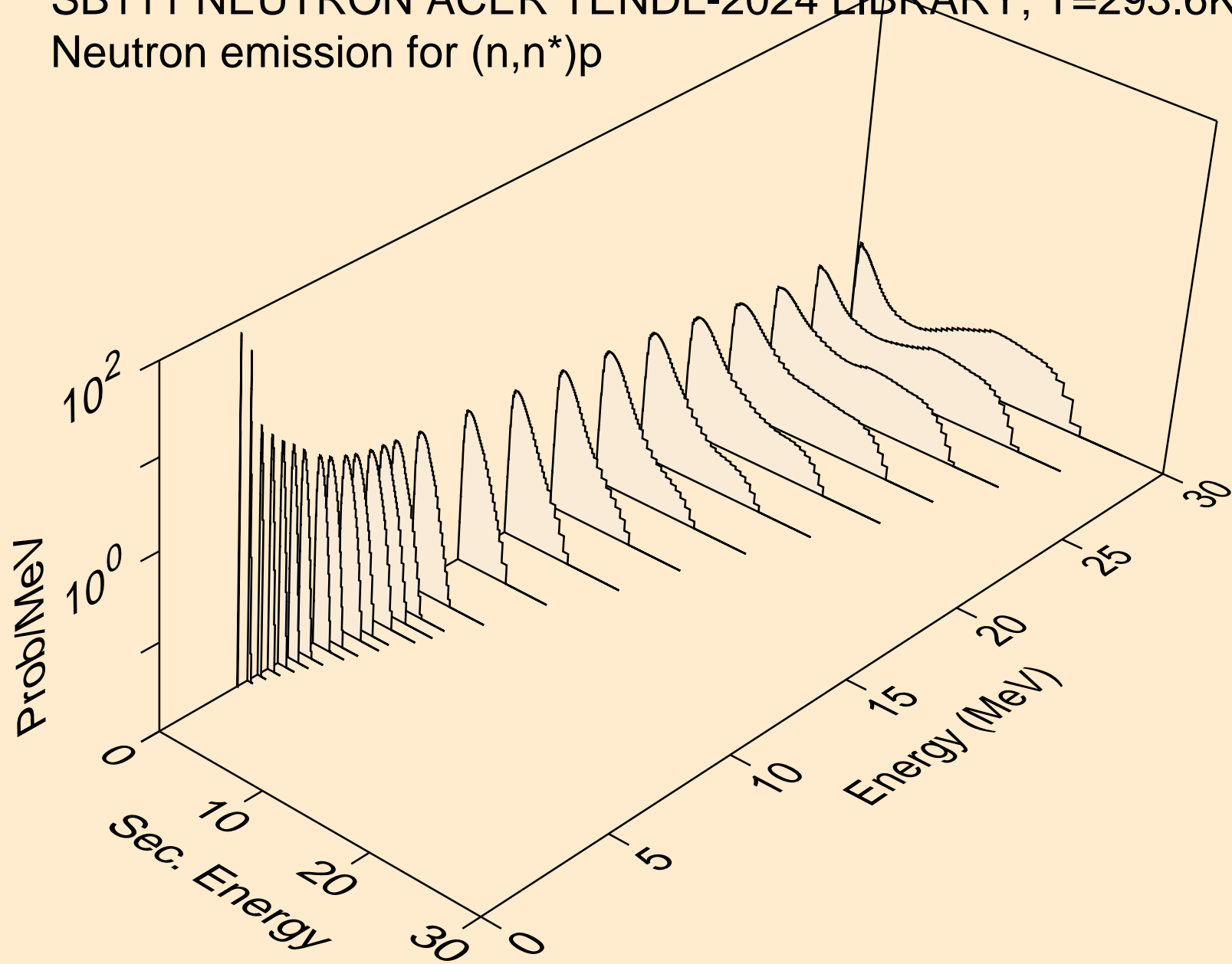
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Neutron emission for (n,2n)_a



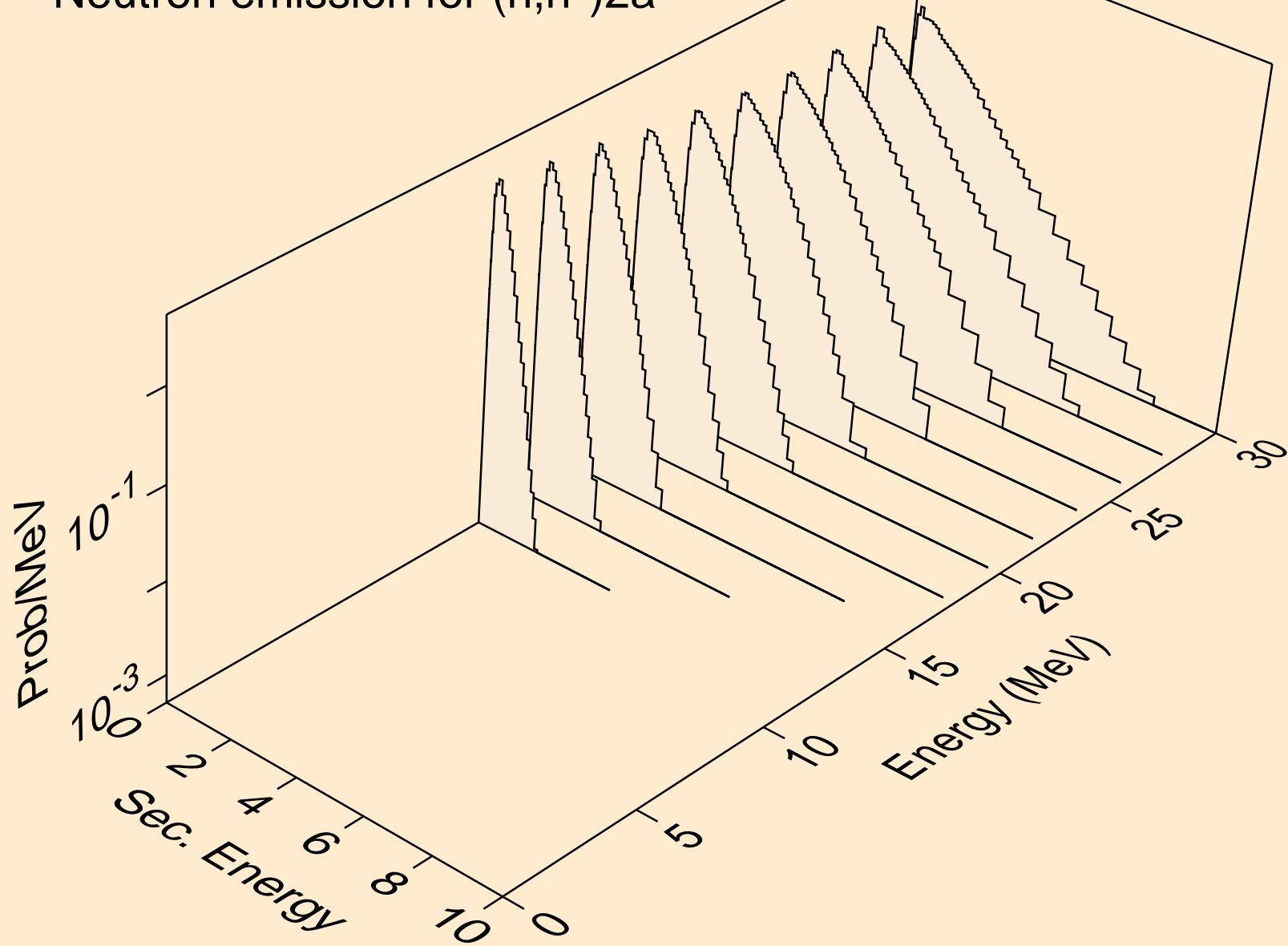
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



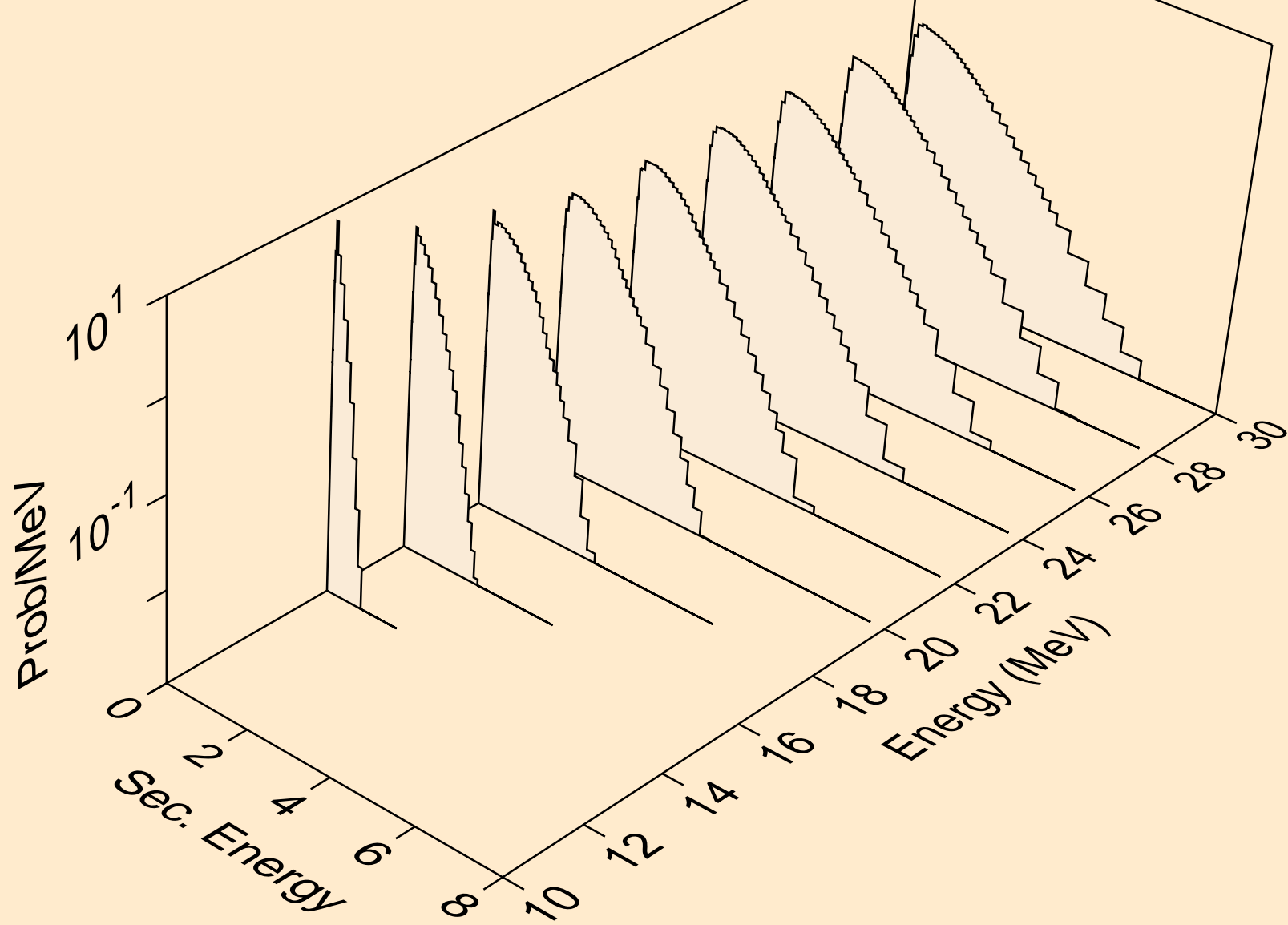
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



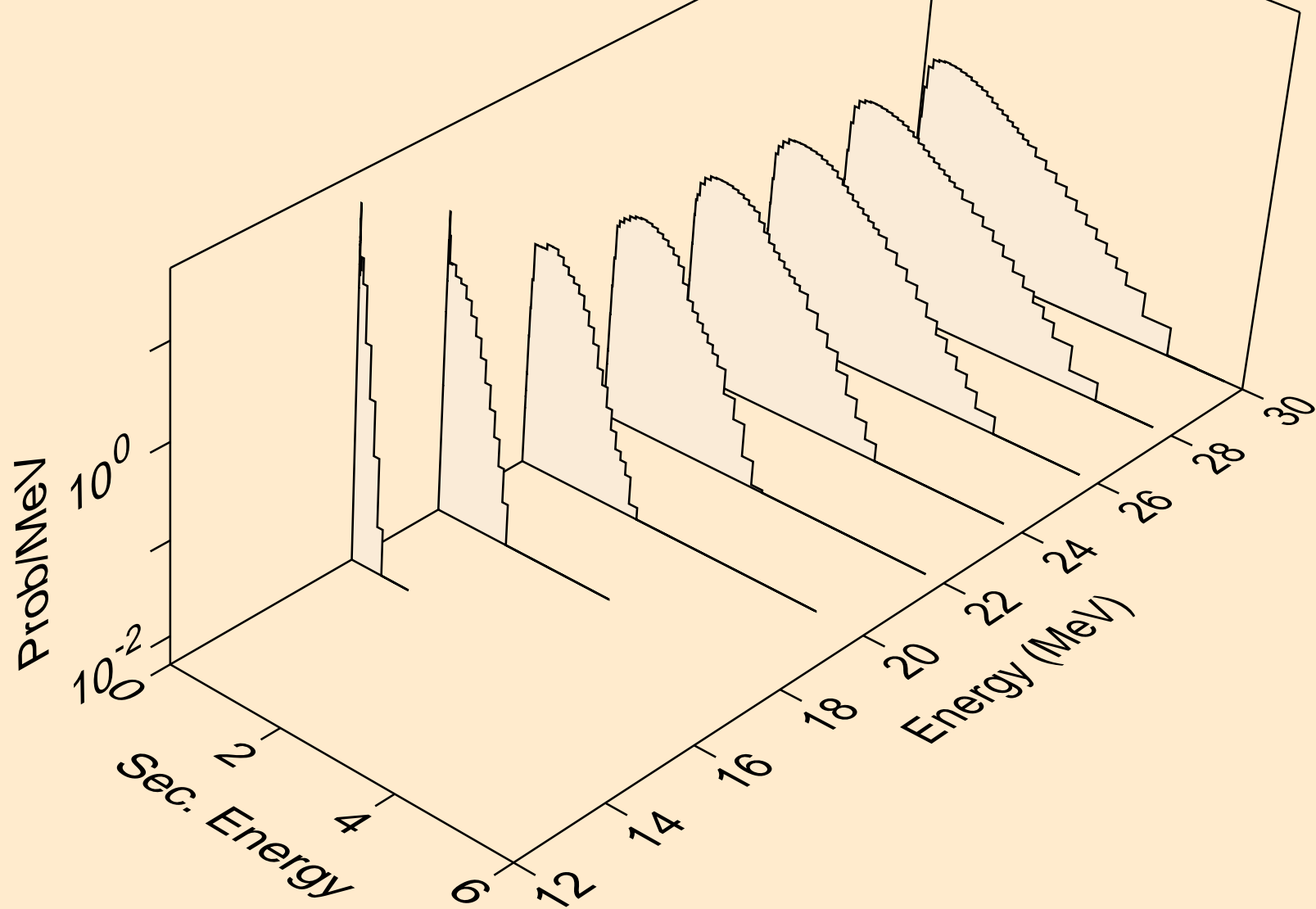
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Neutron emission for (n,n*)2a



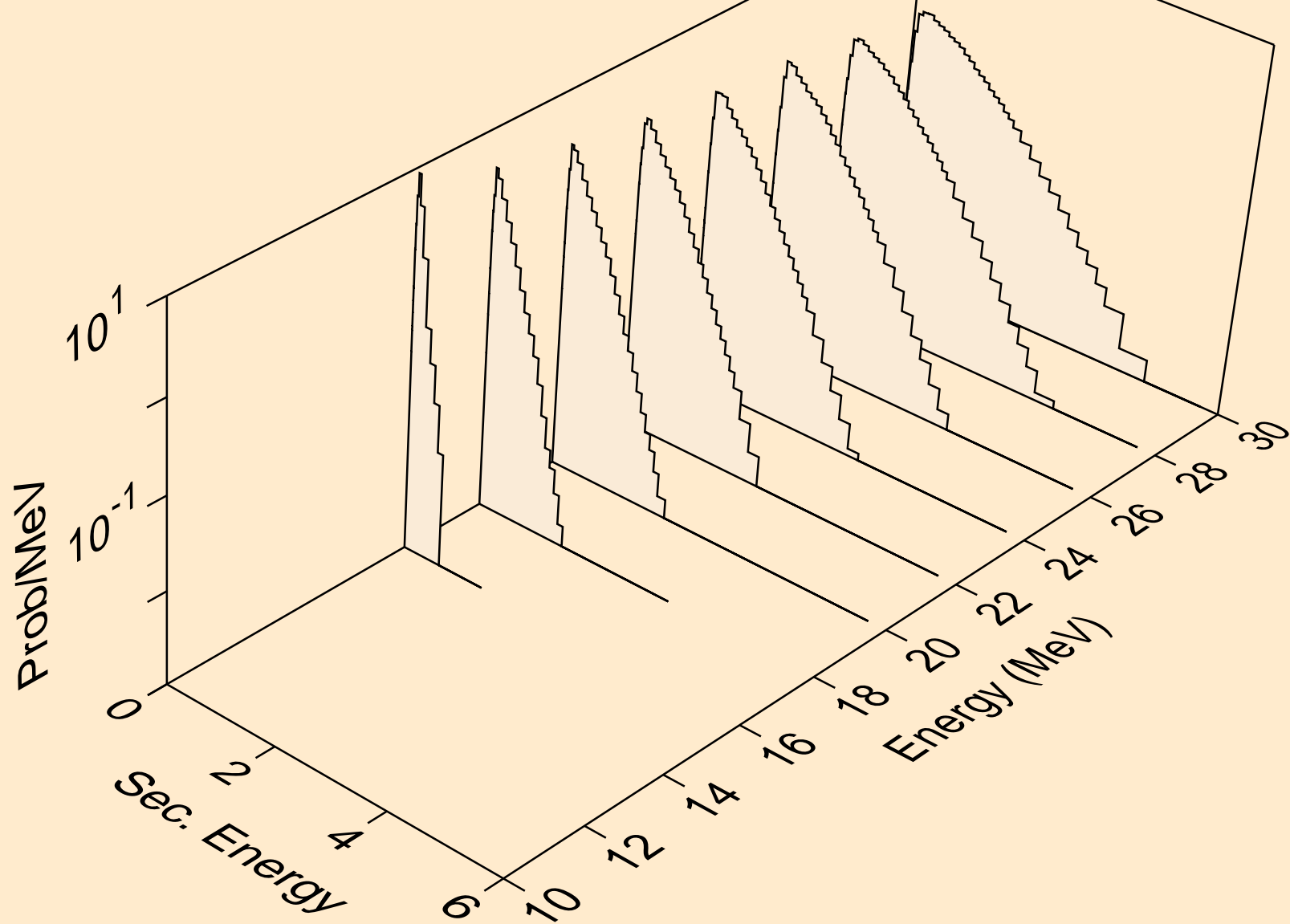
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Neutron emission for (n,n*)d



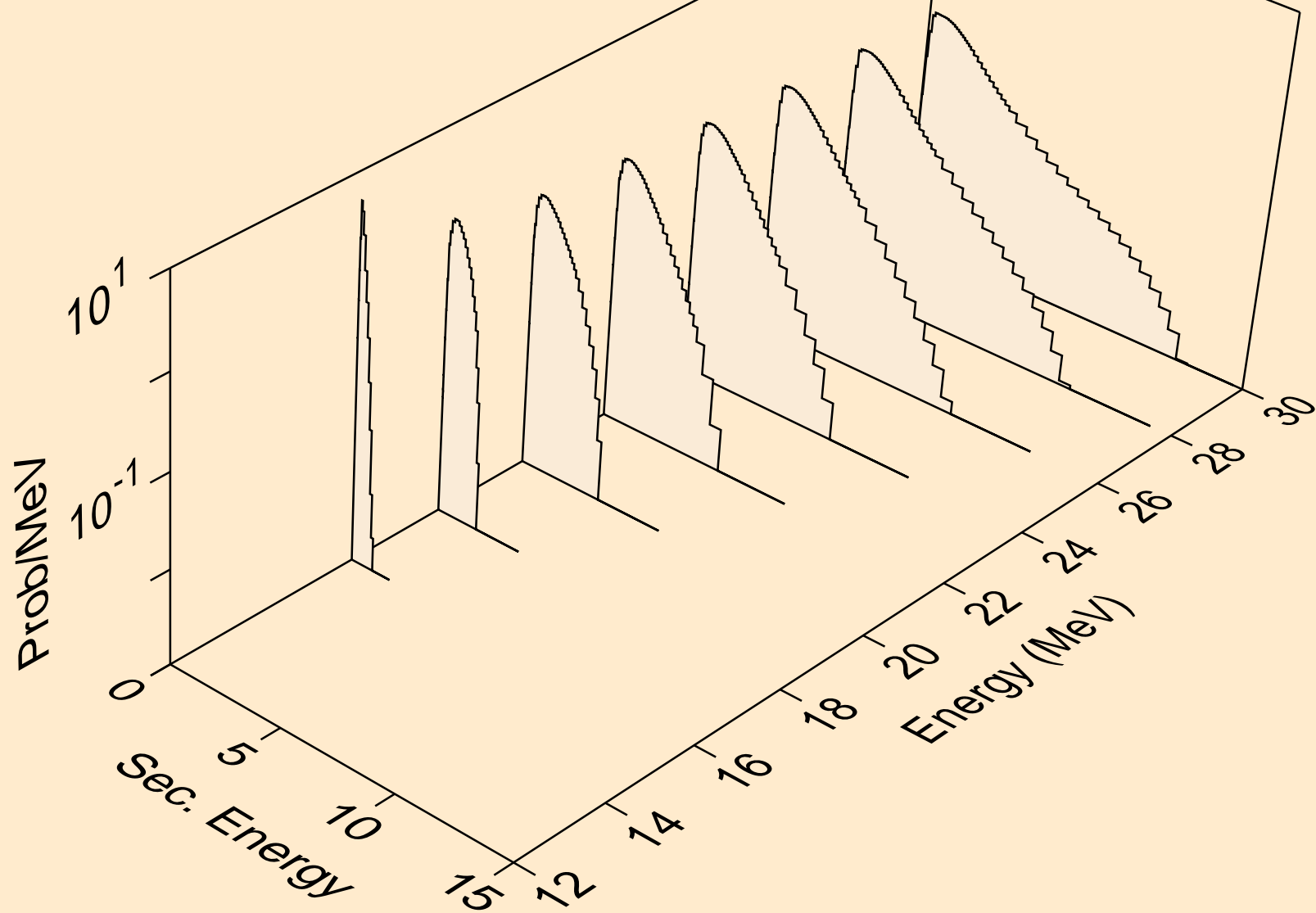
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Neutron emission for (n,n*)t



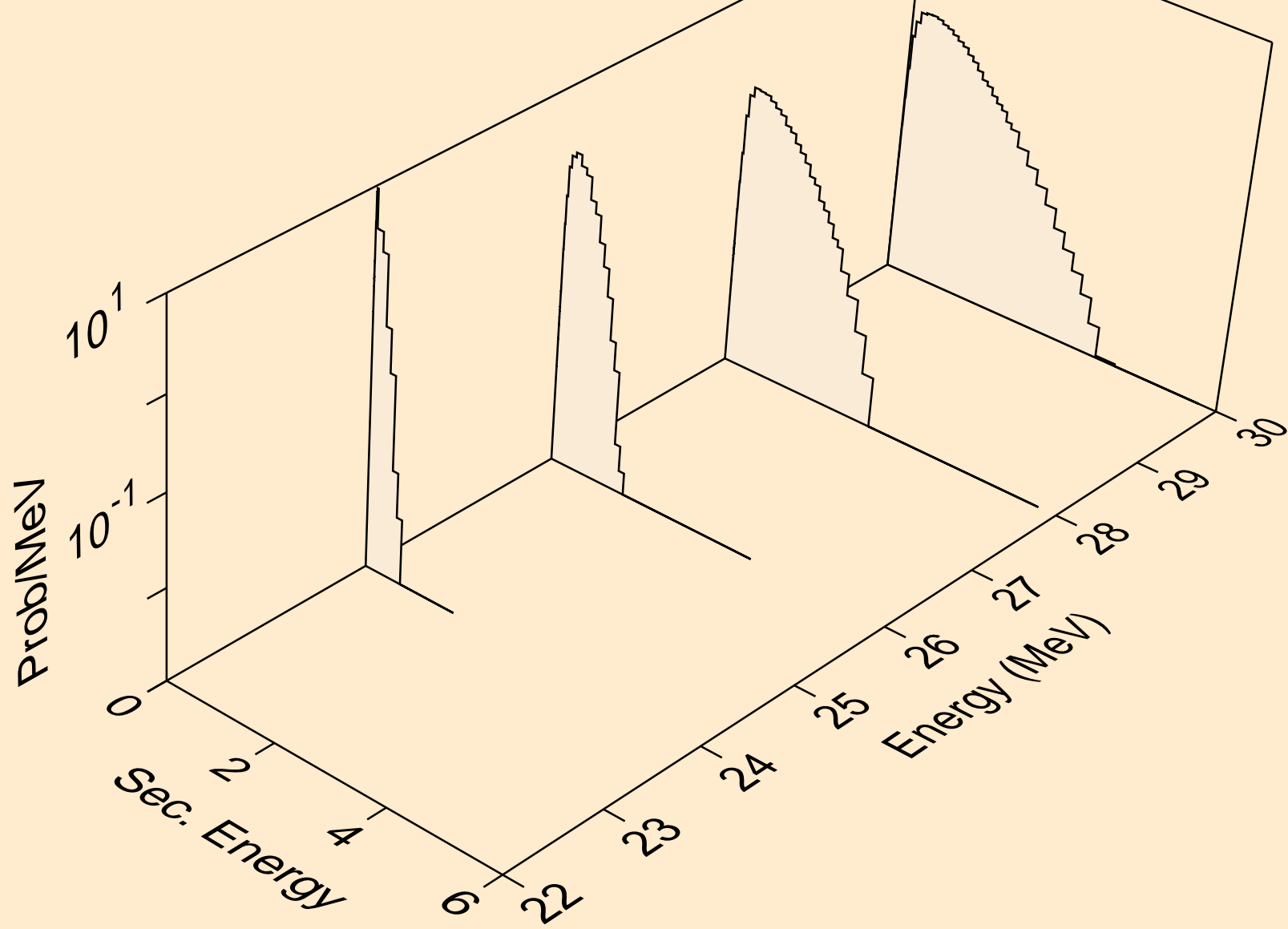
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



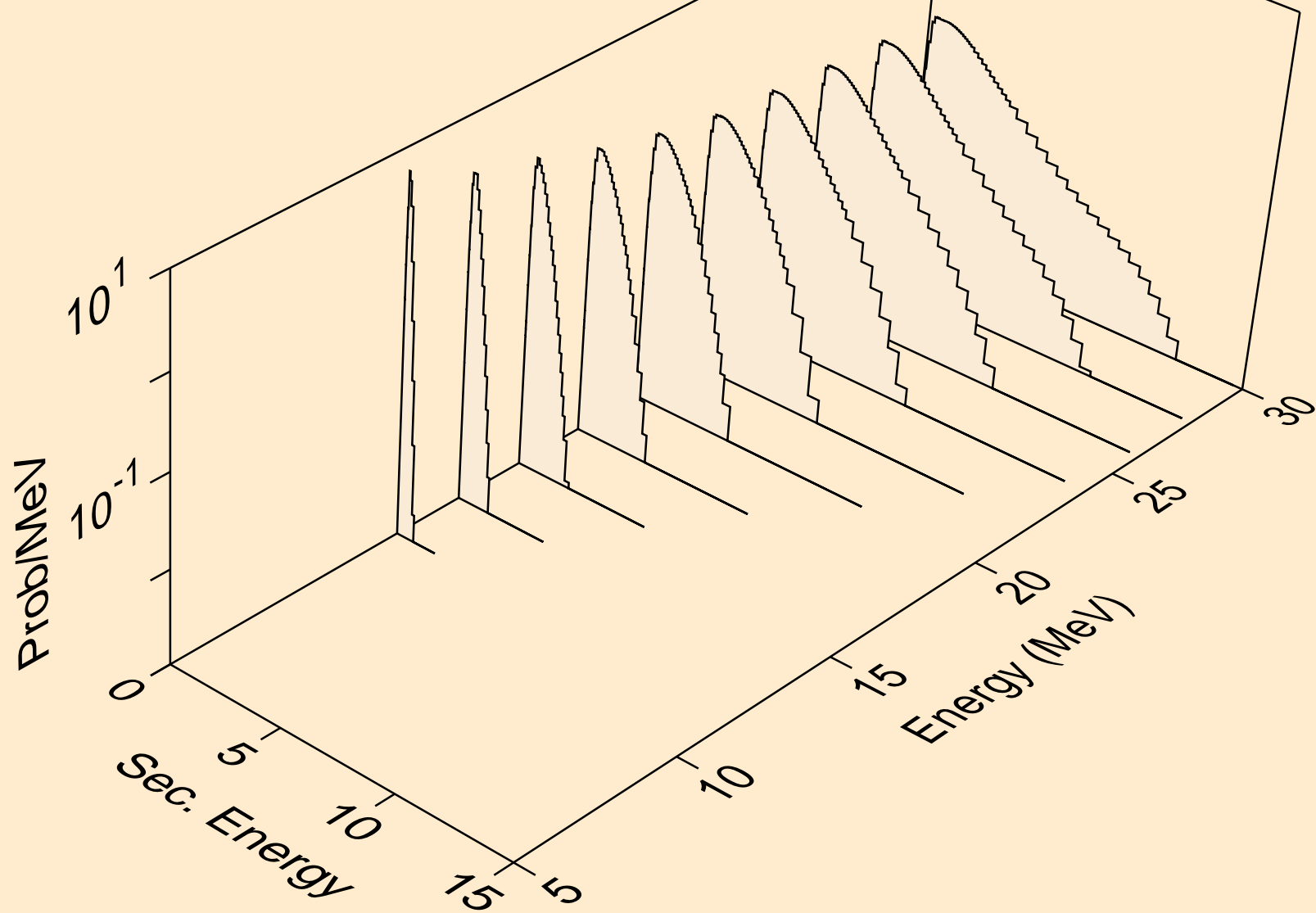
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Neutron emission for (n,2np)



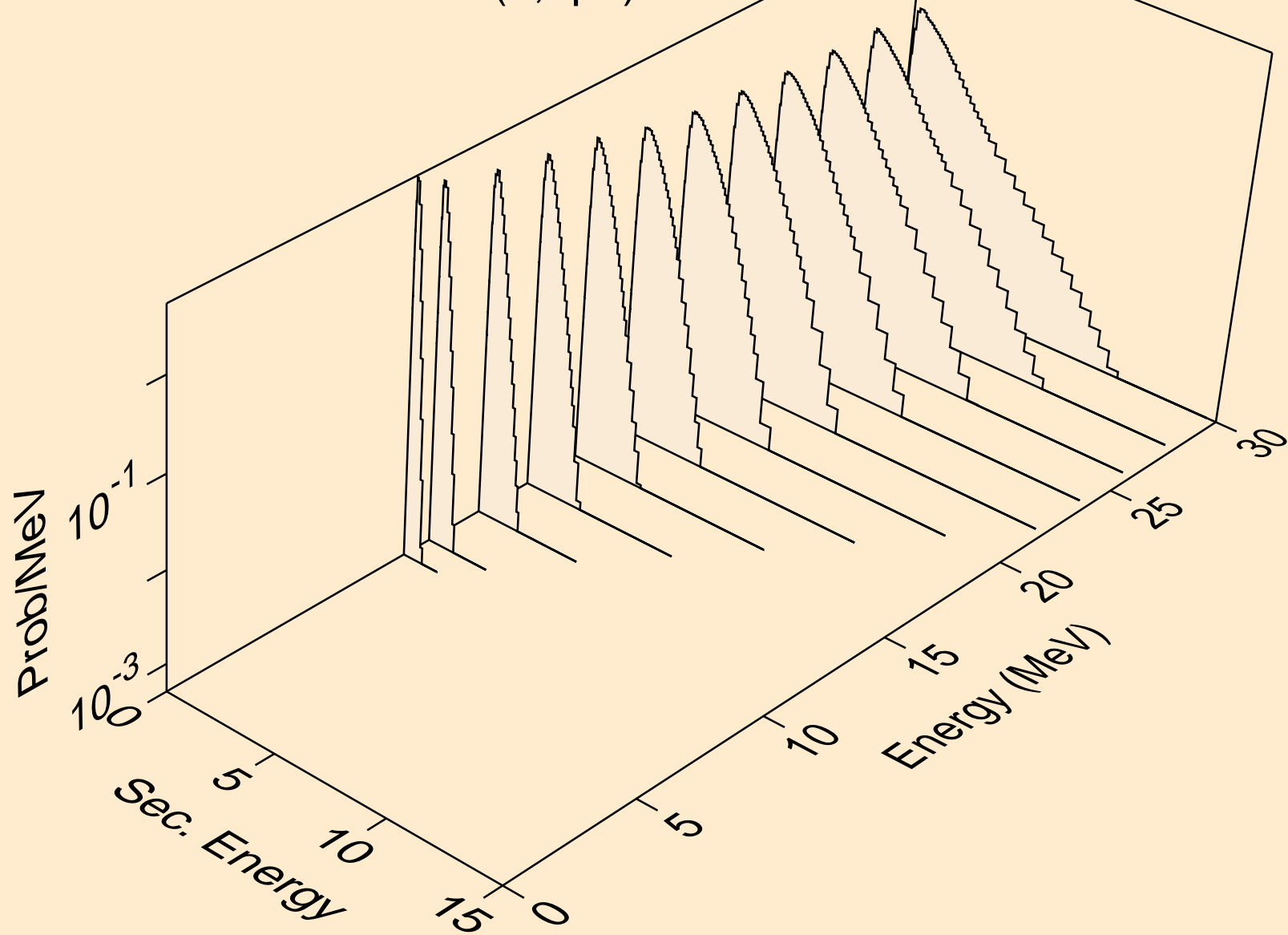
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Neutron emission for (n,3np)



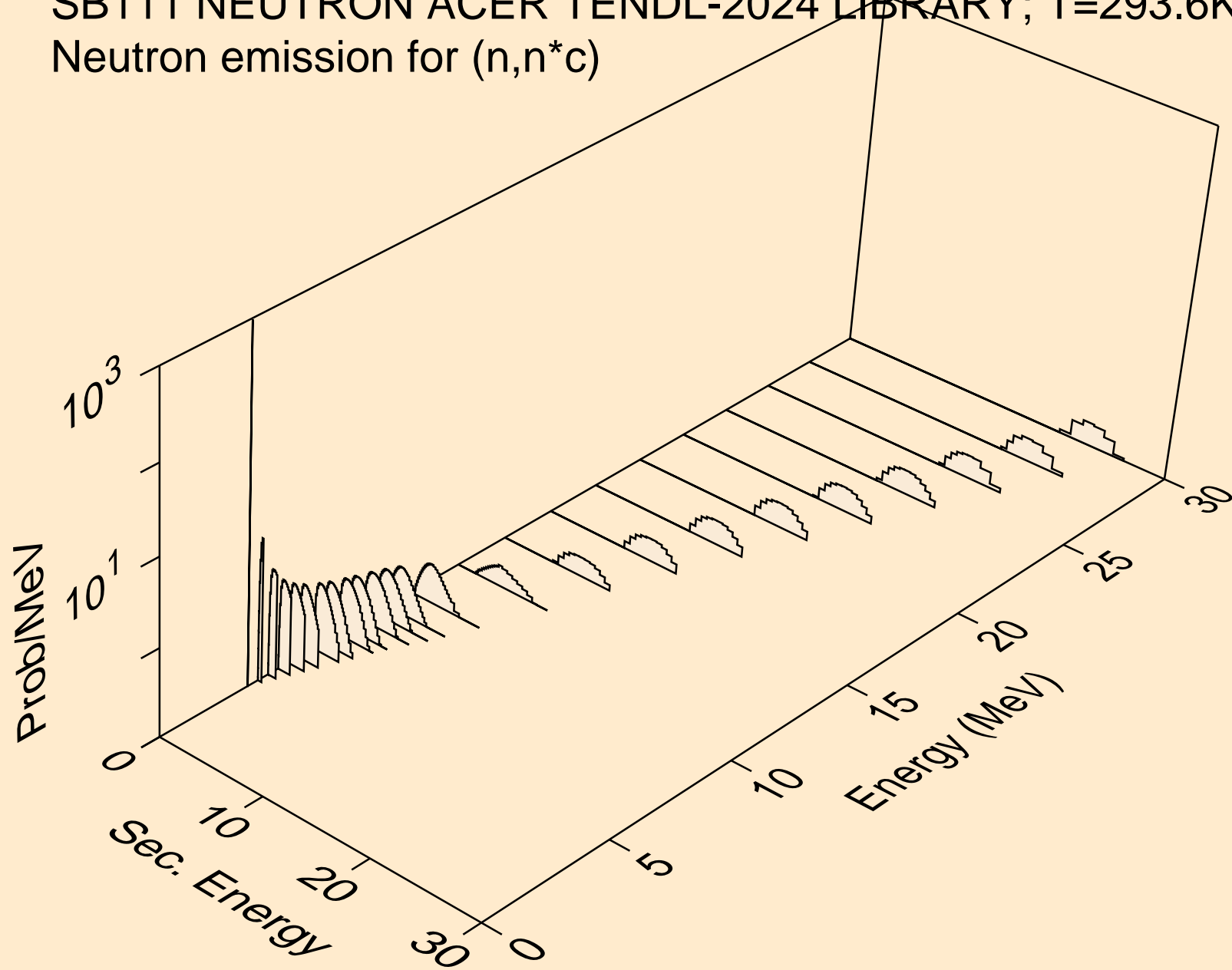
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Neutron emission for (n,n2p)



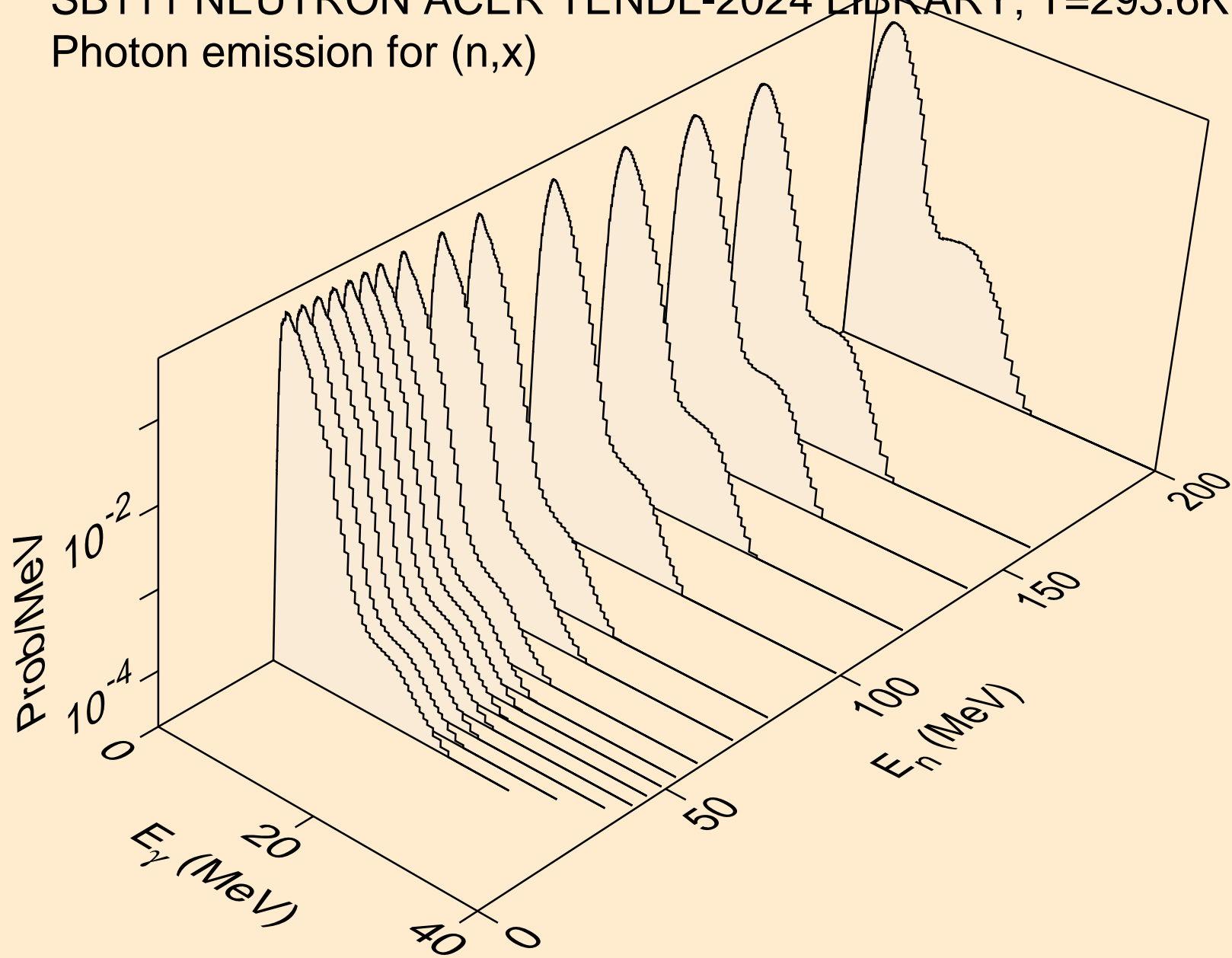
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



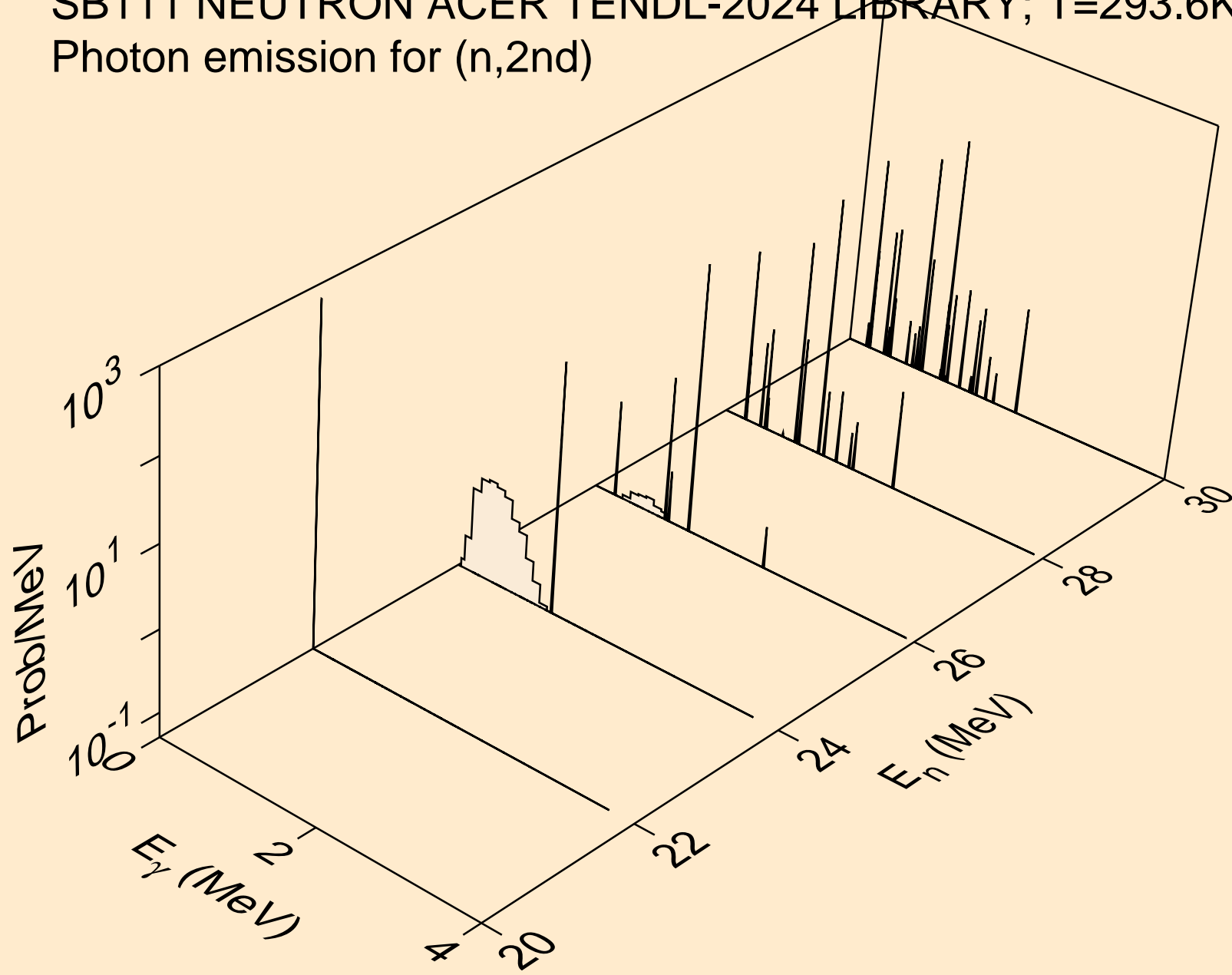
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



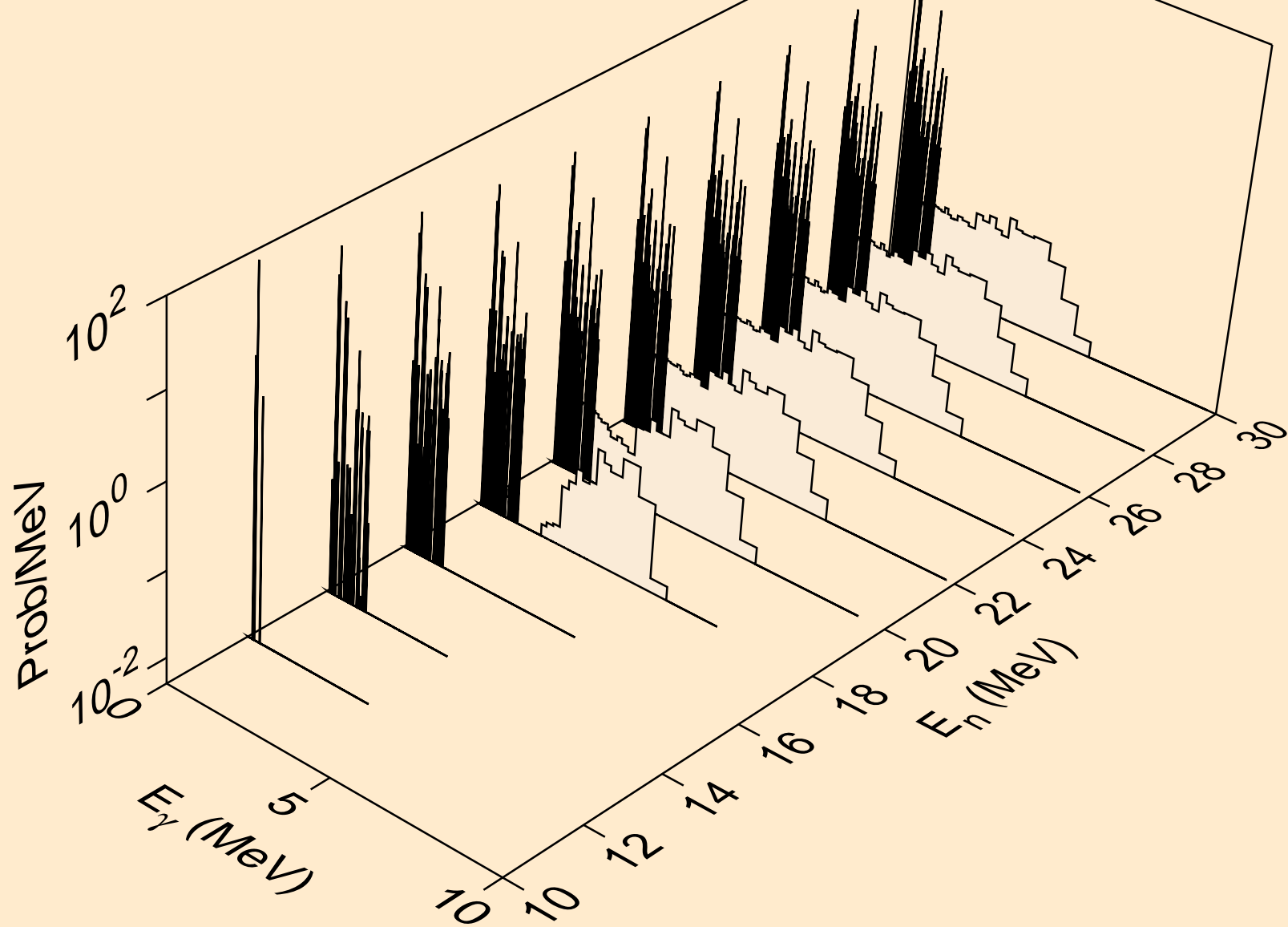
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



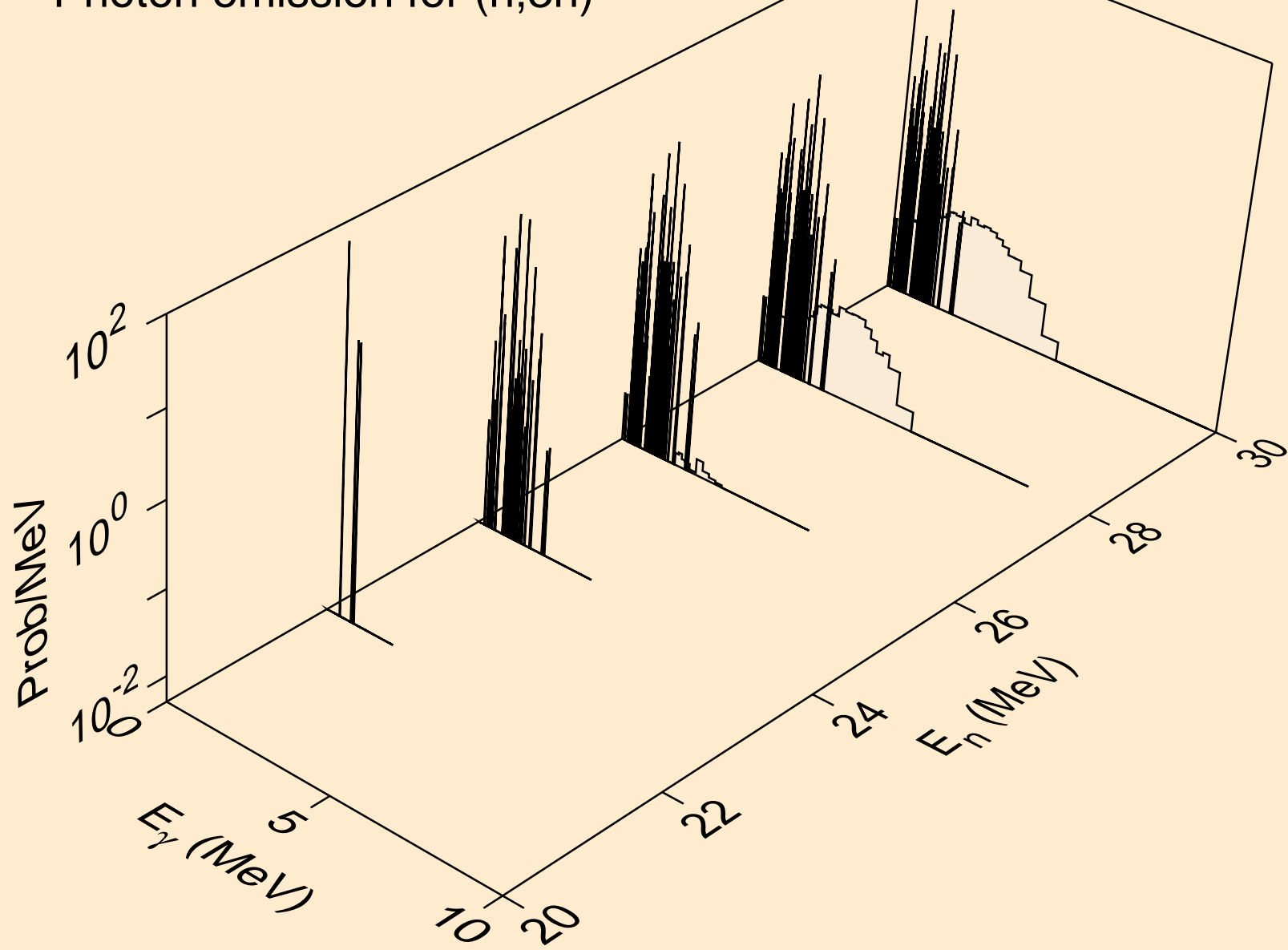
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



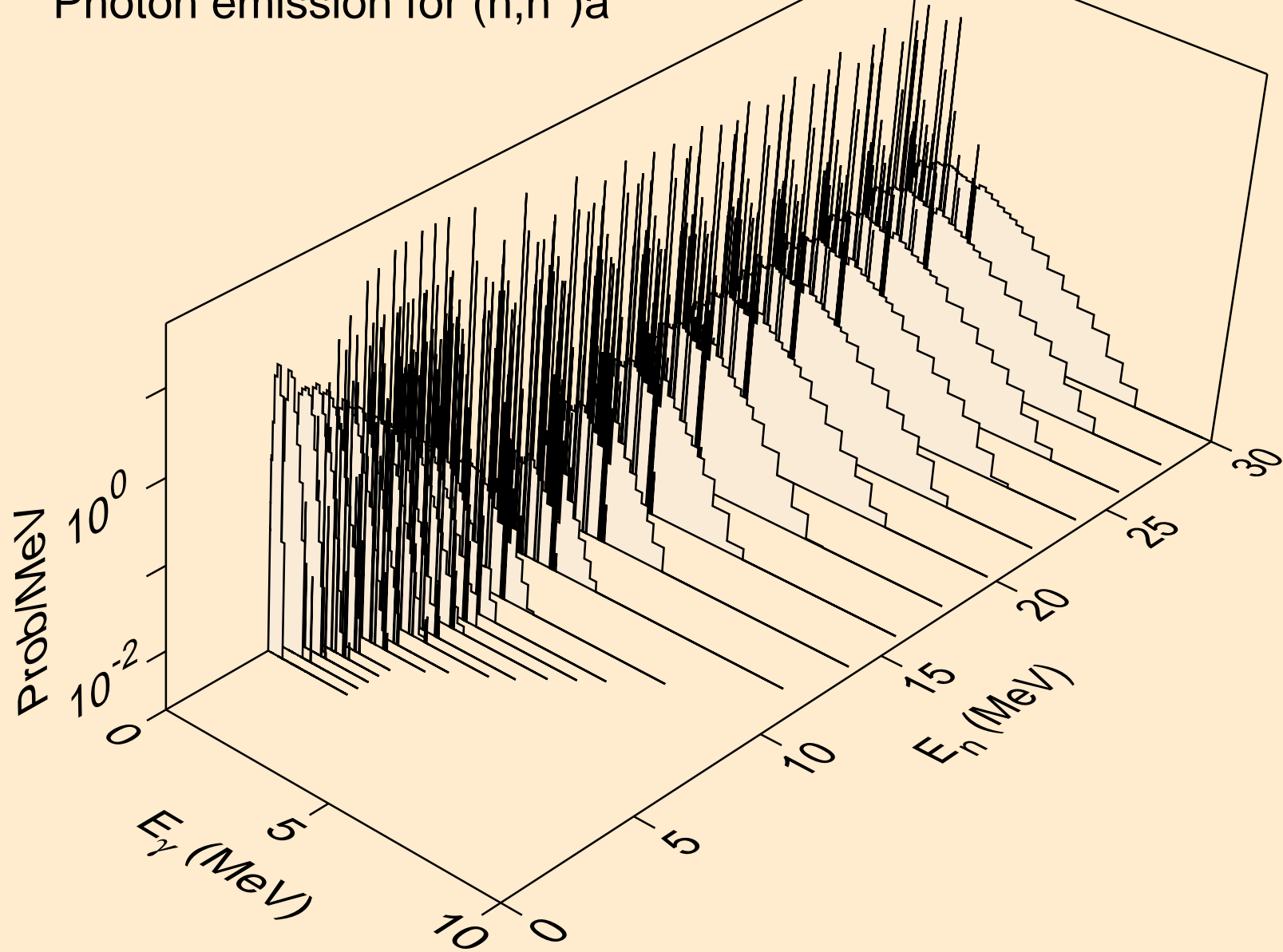
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Photon emission for (n,2n)



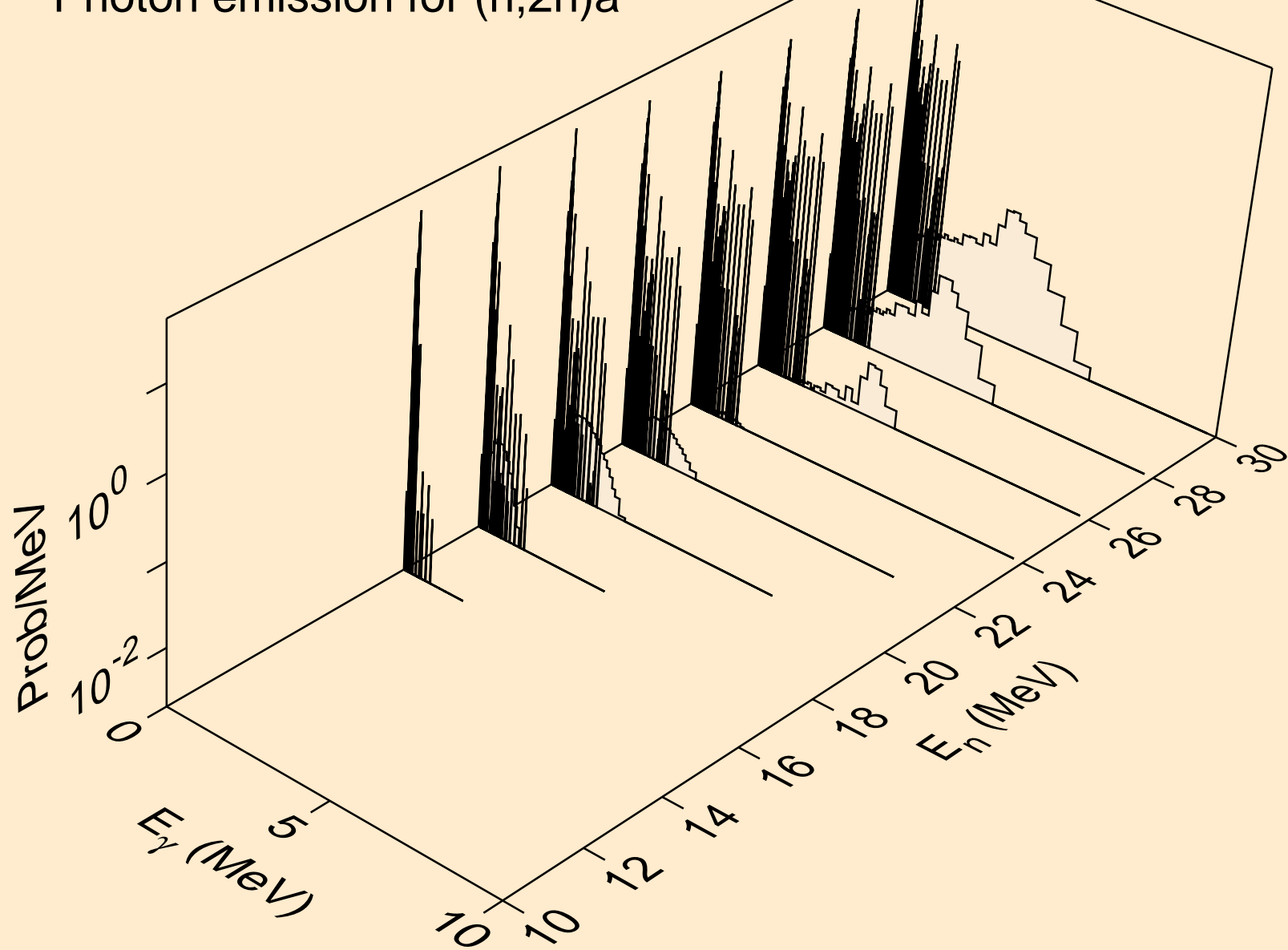
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



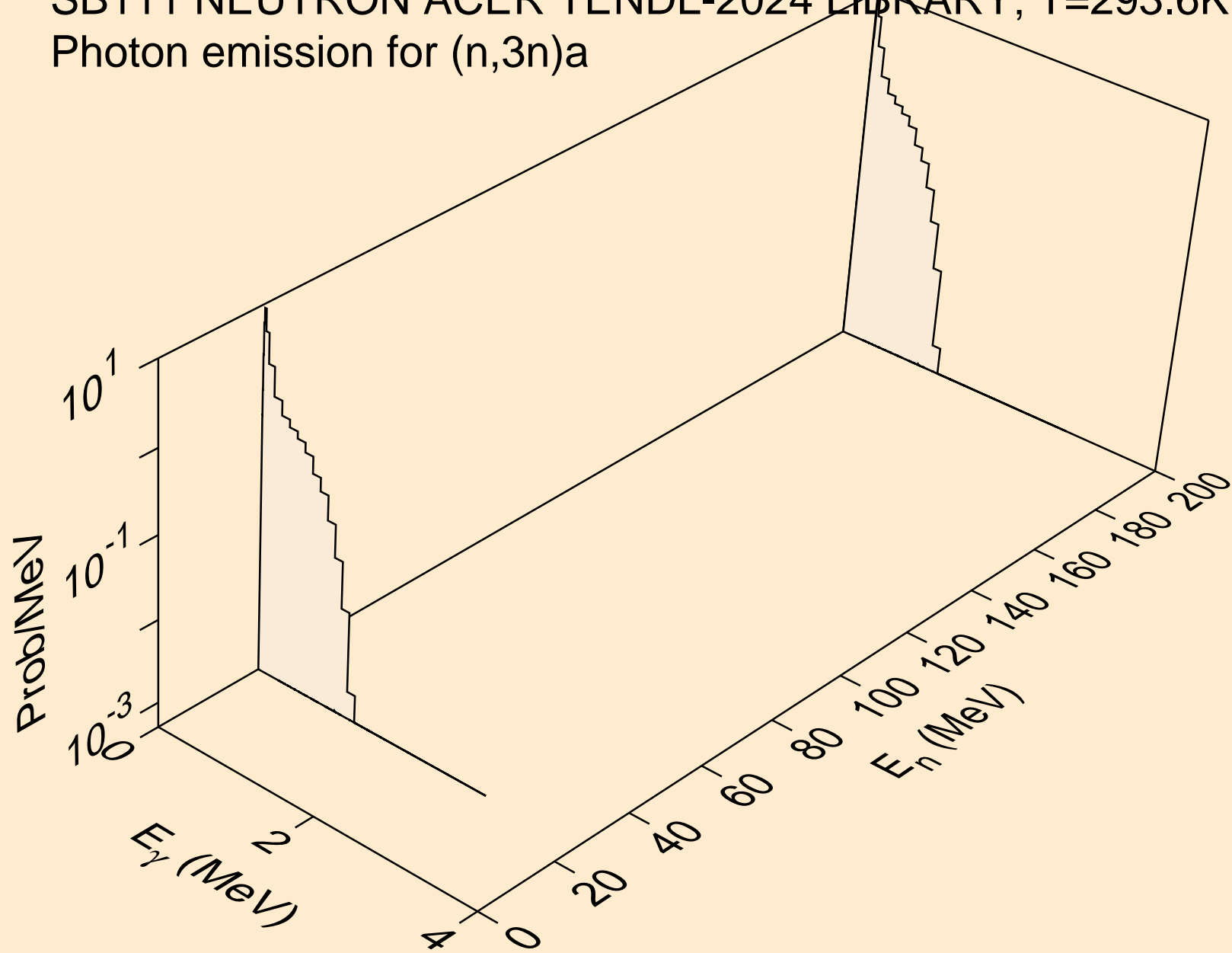
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



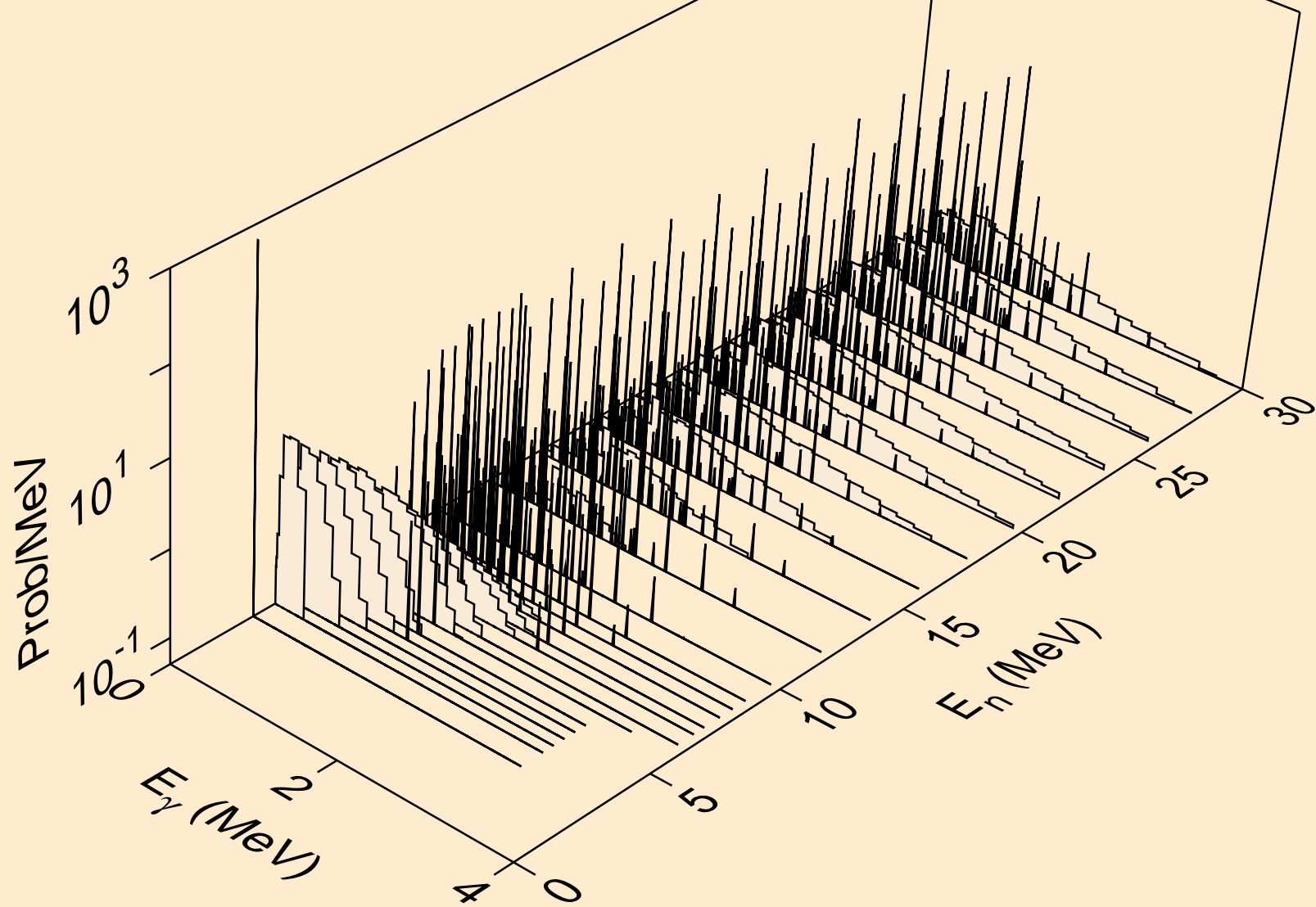
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



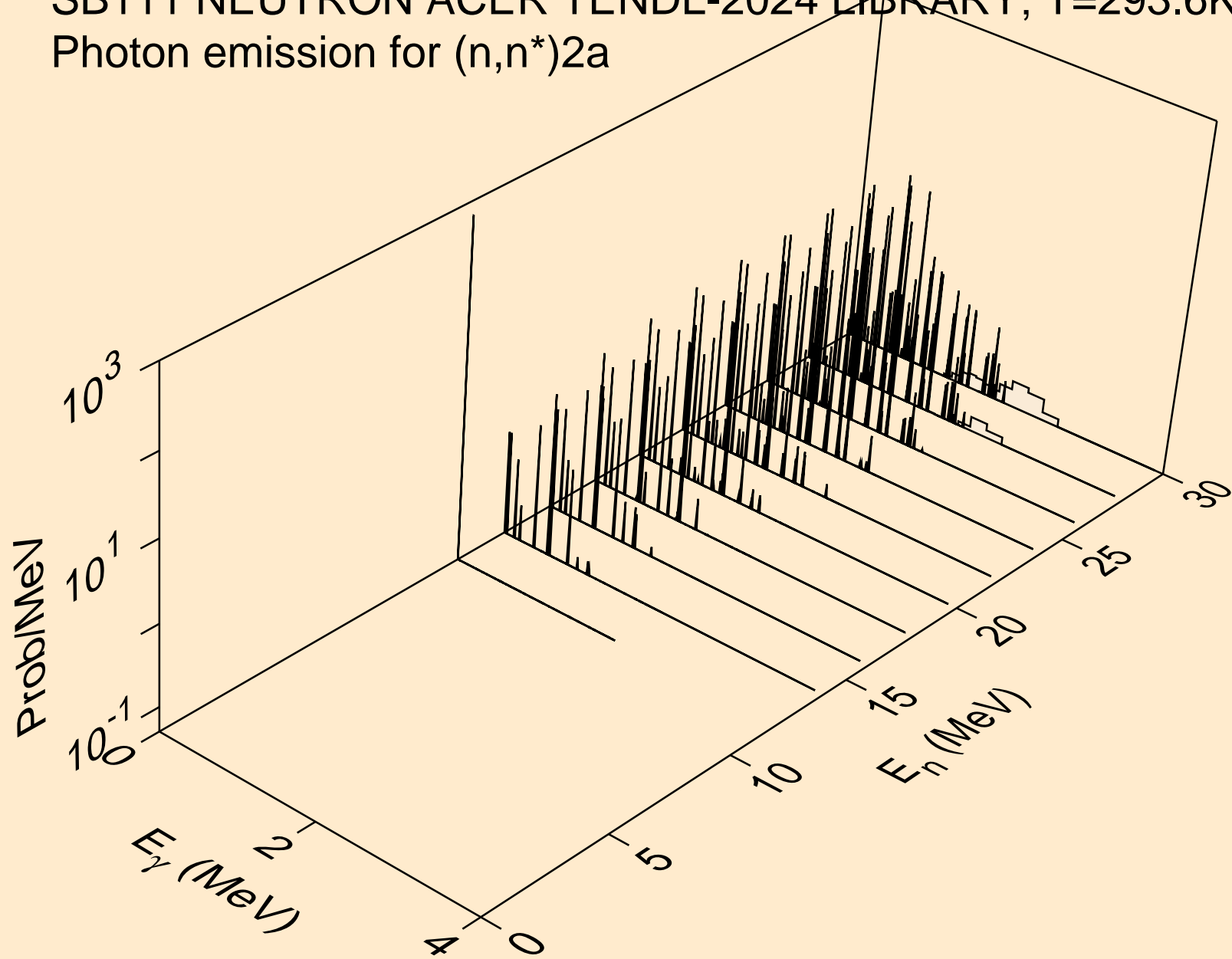
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)a



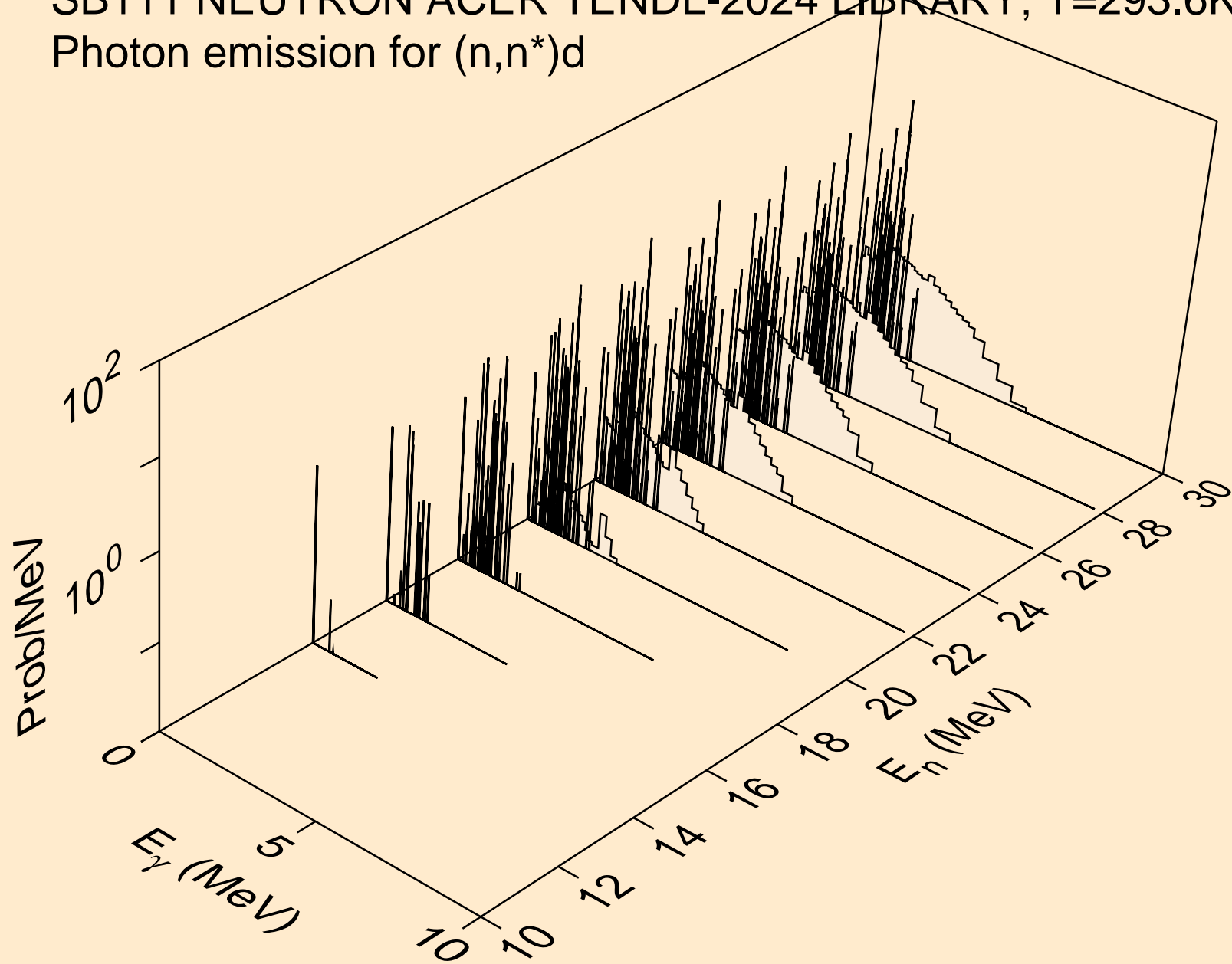
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



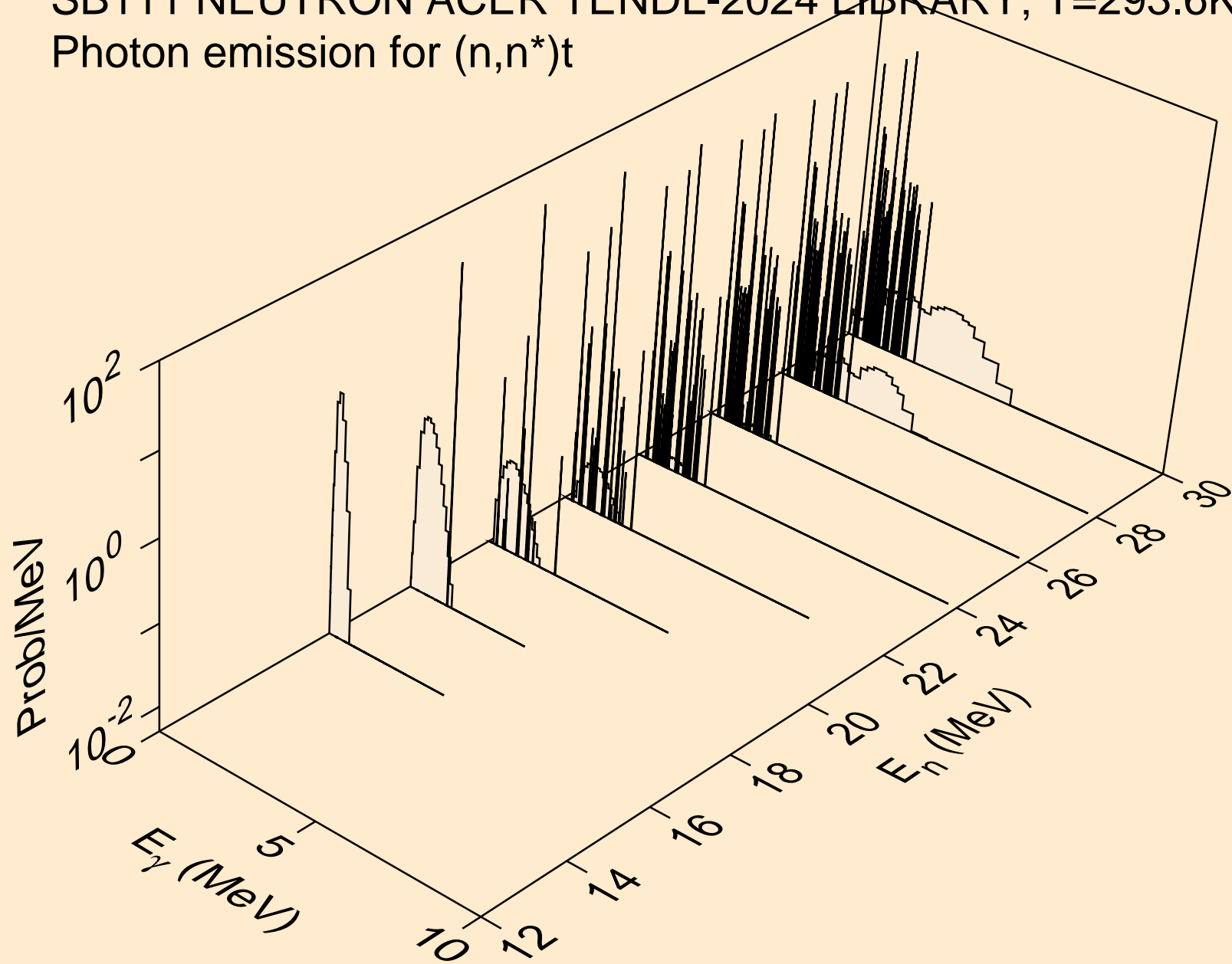
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



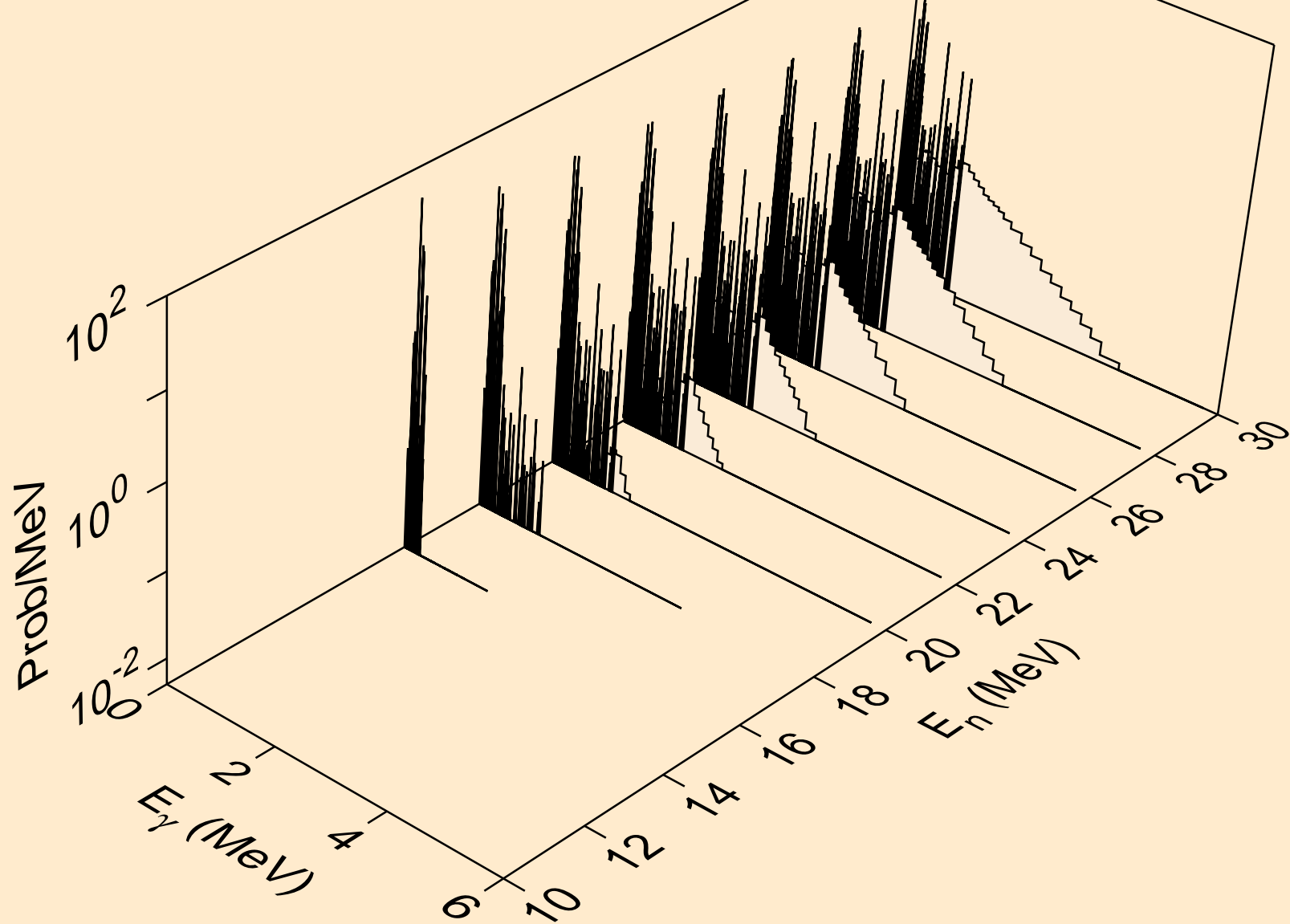
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



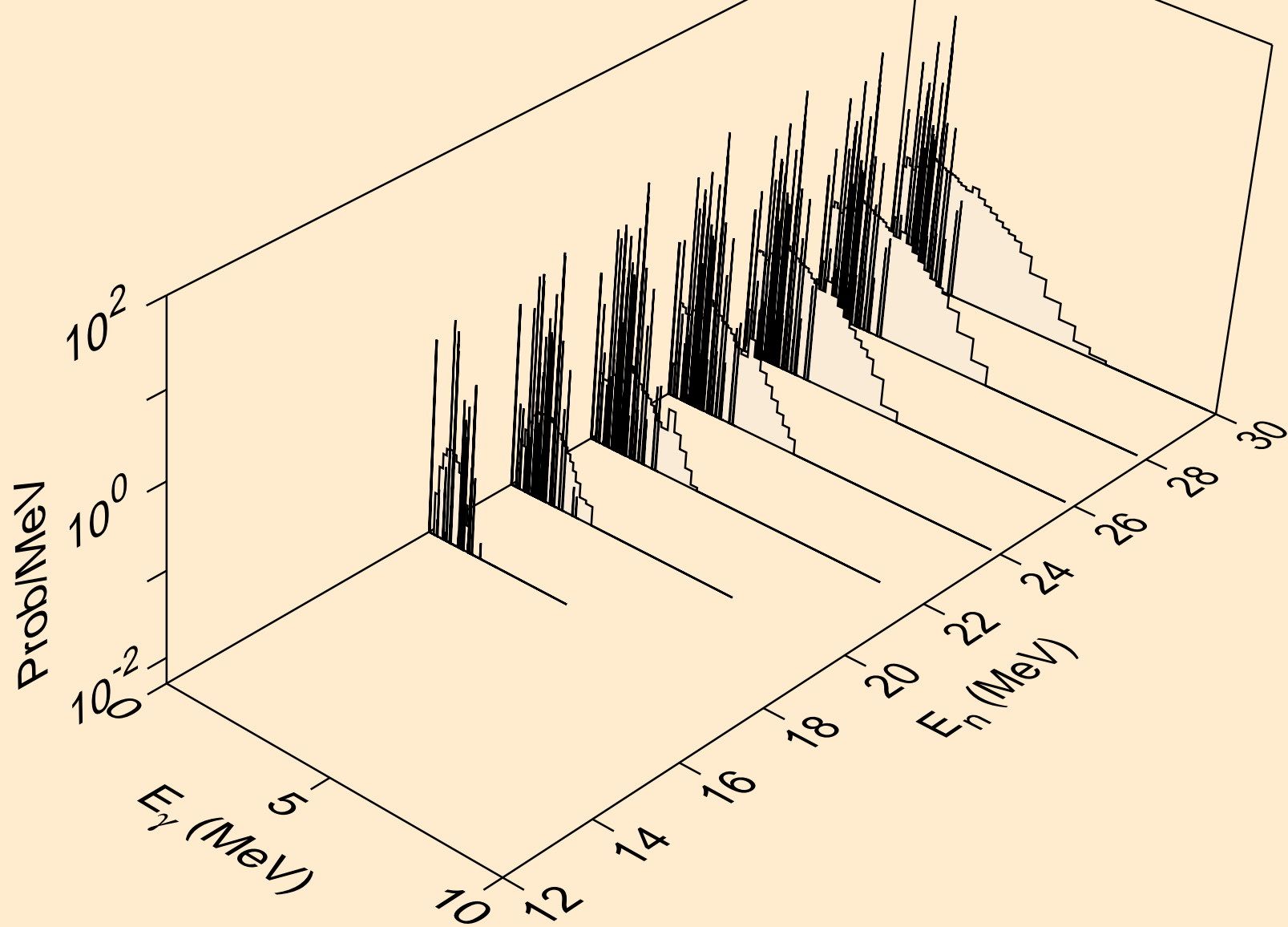
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



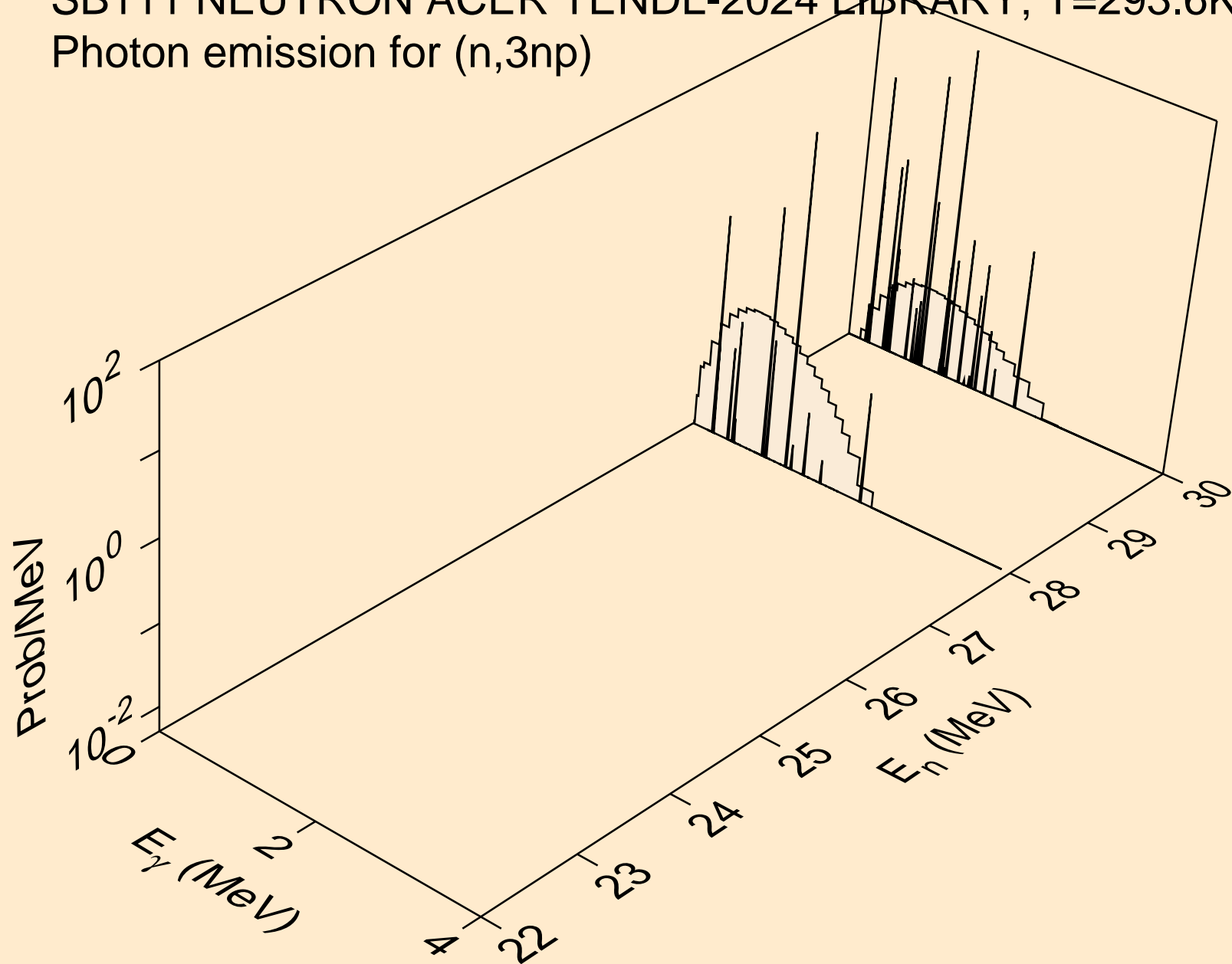
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



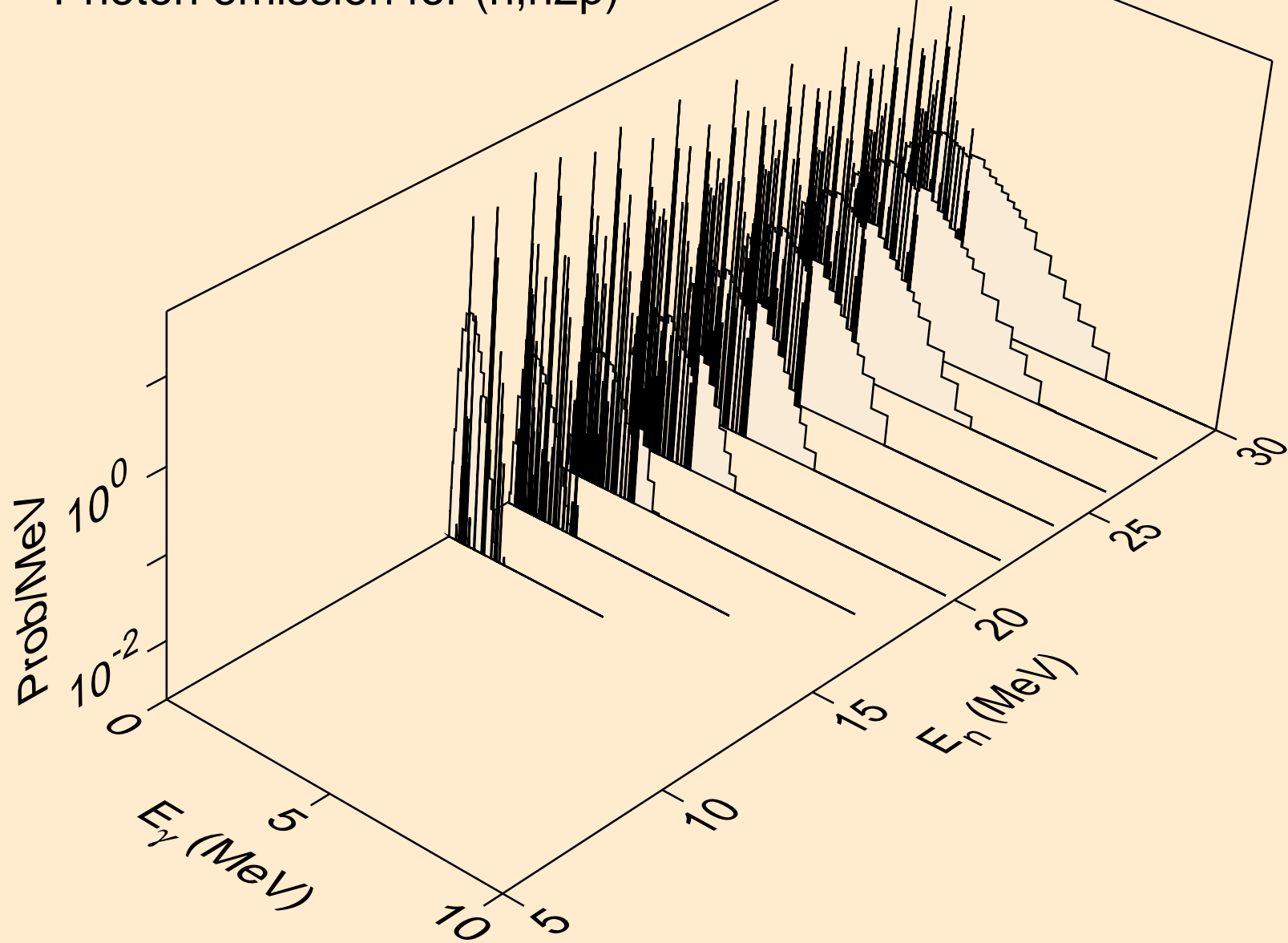
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



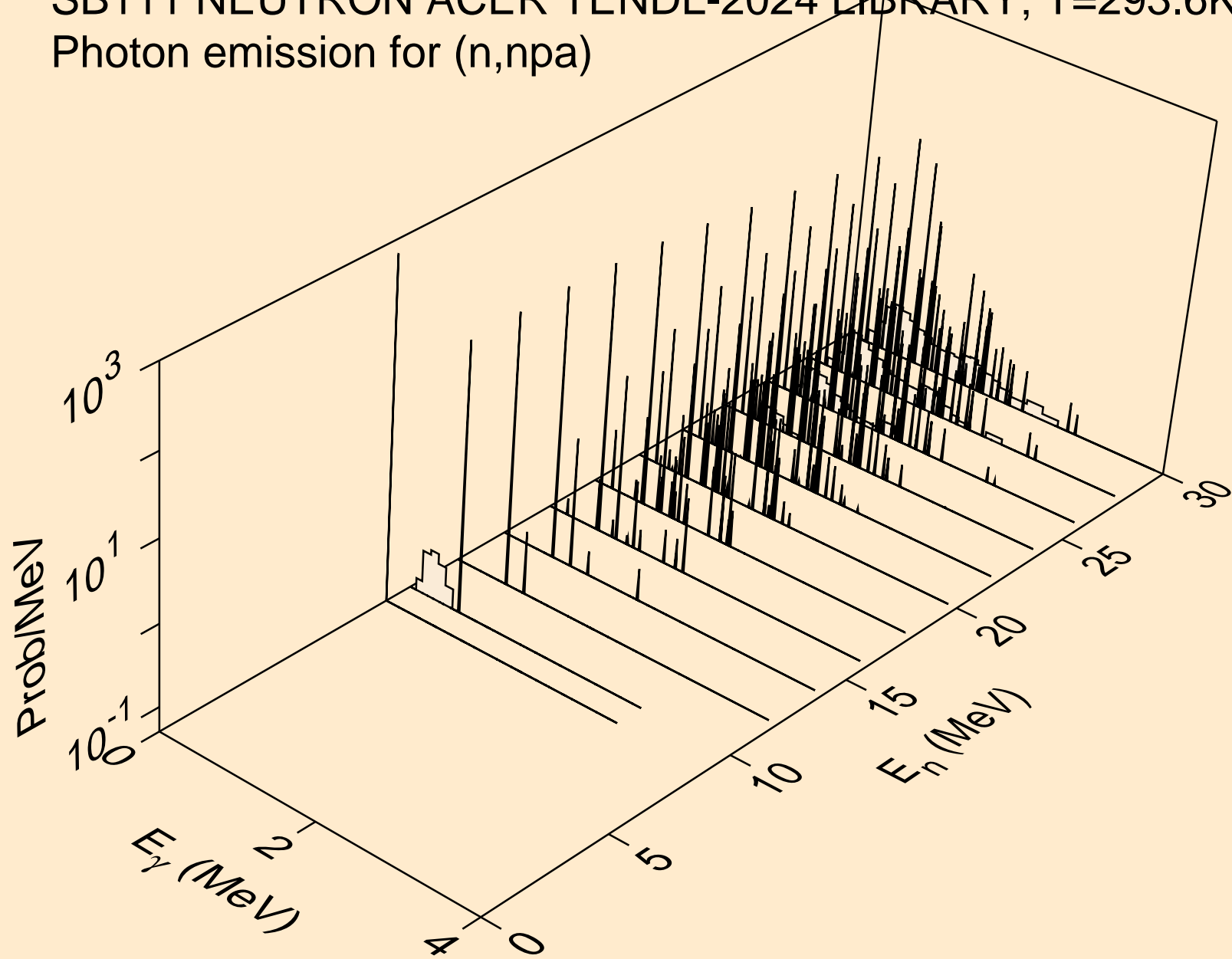
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



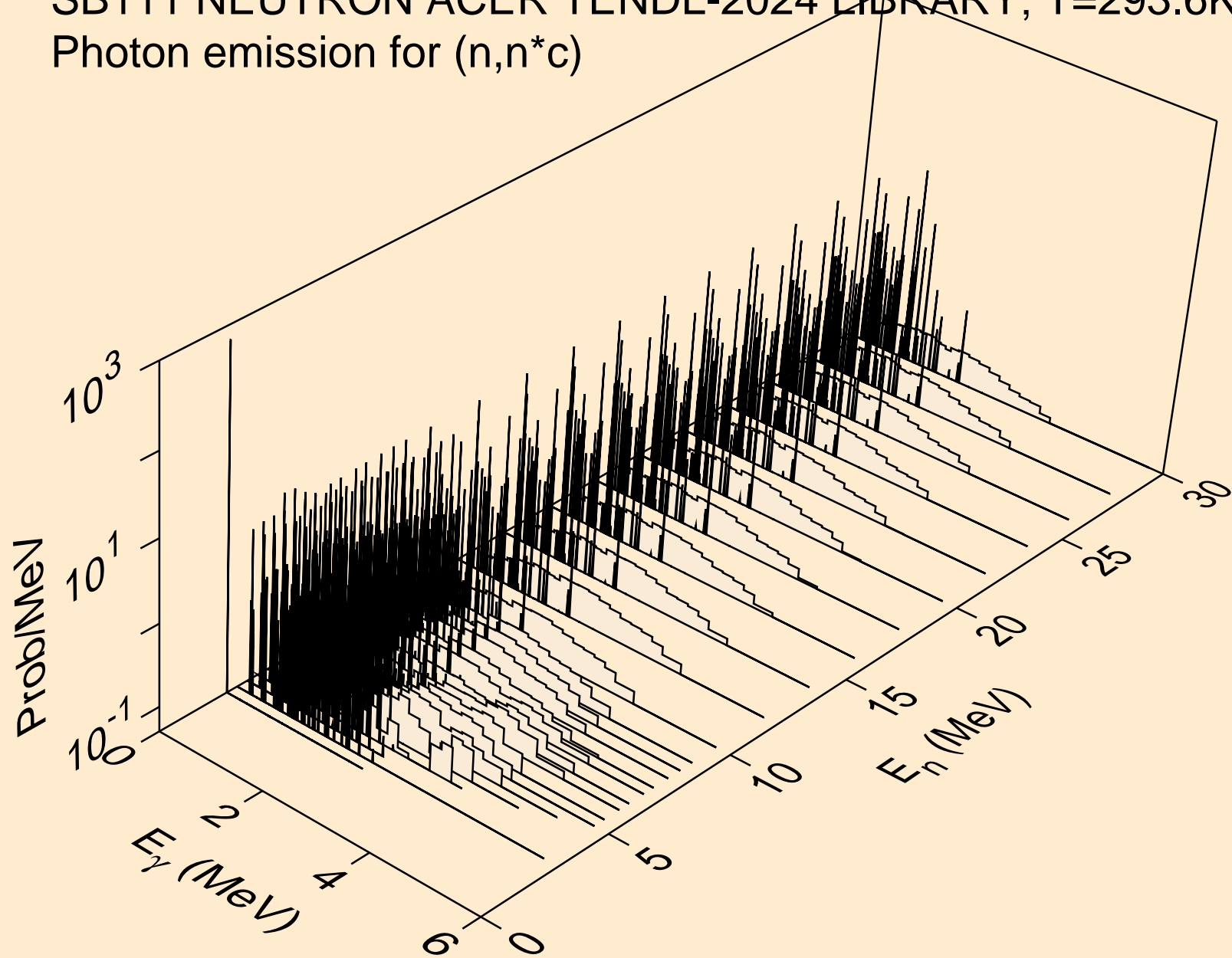
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



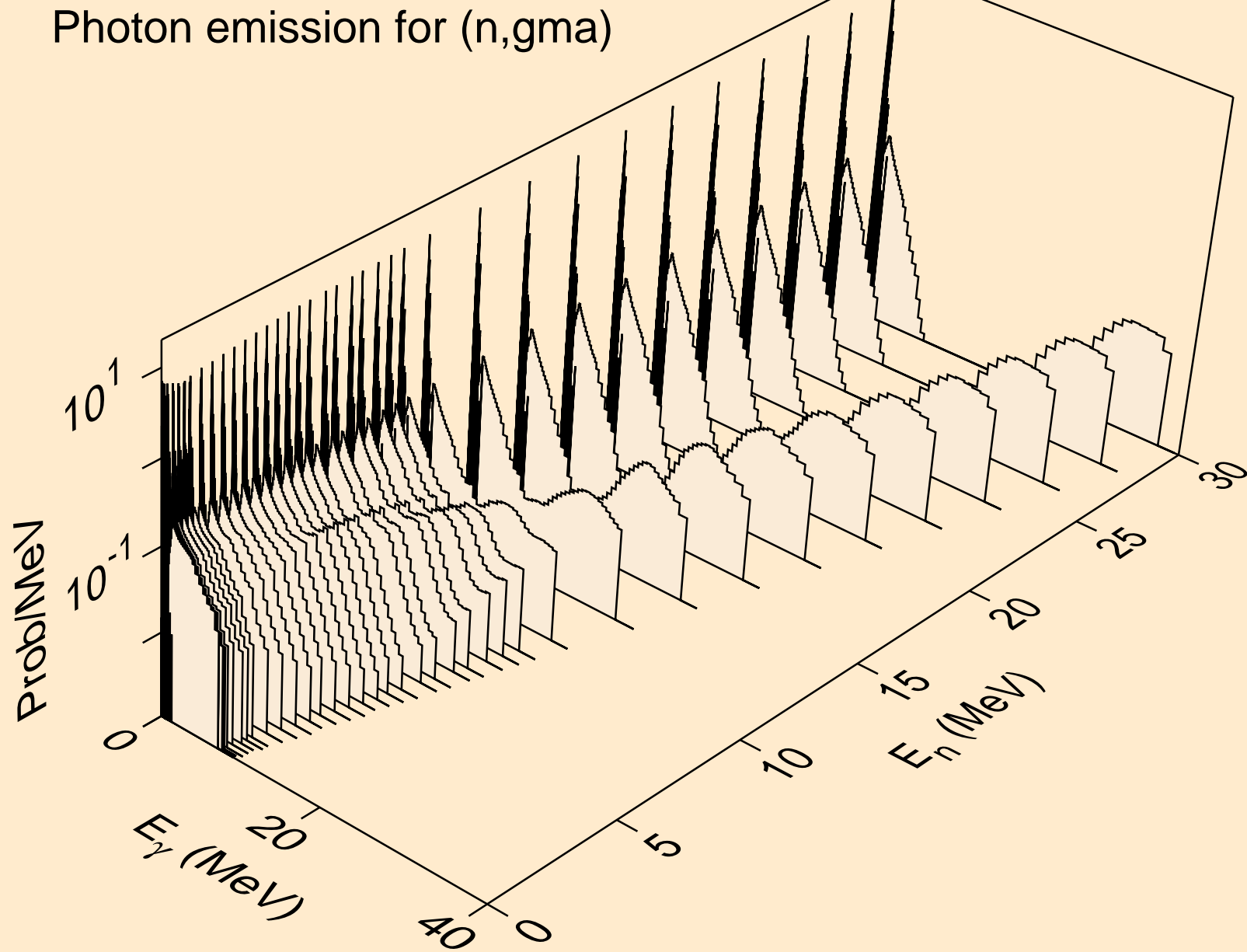
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



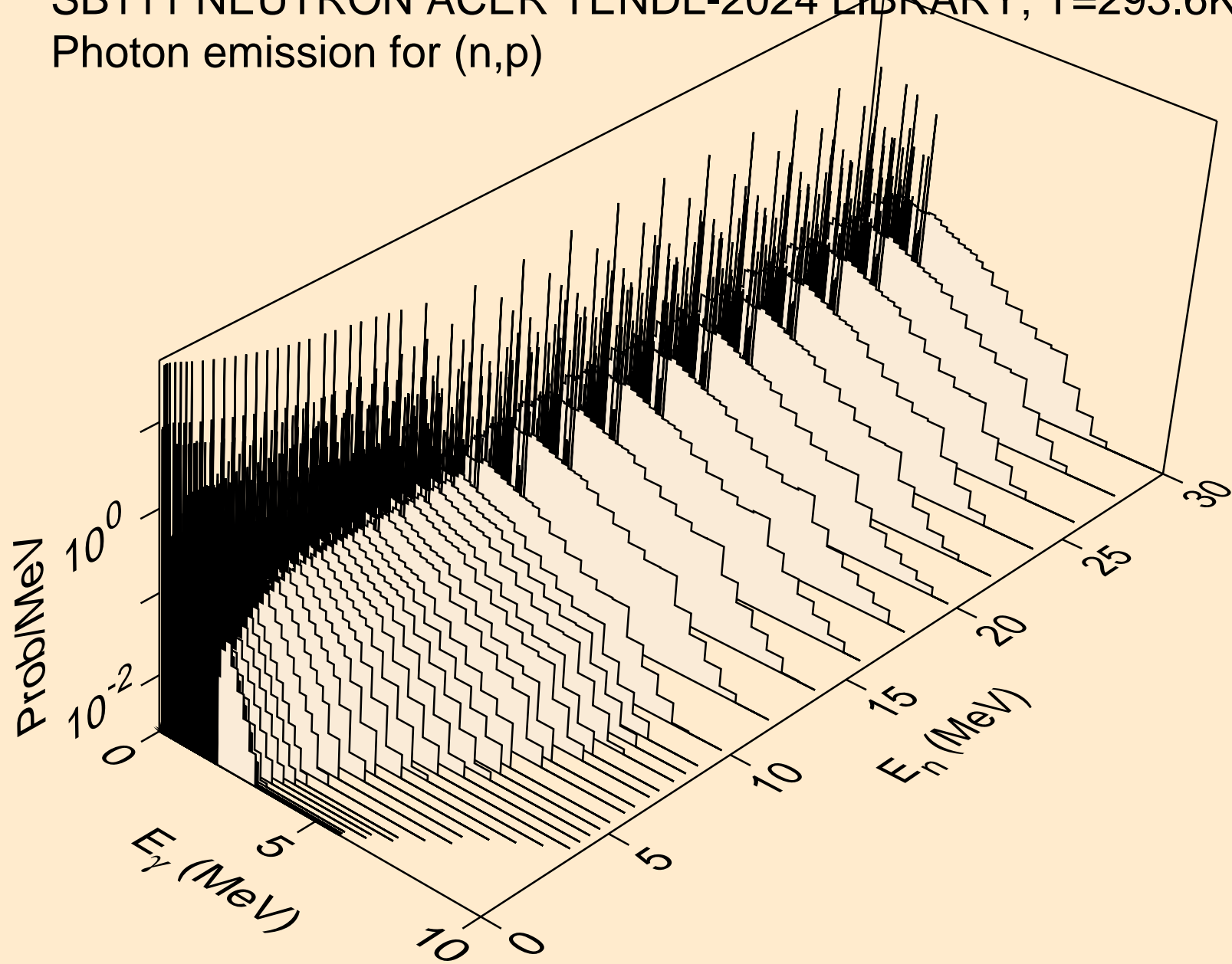
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



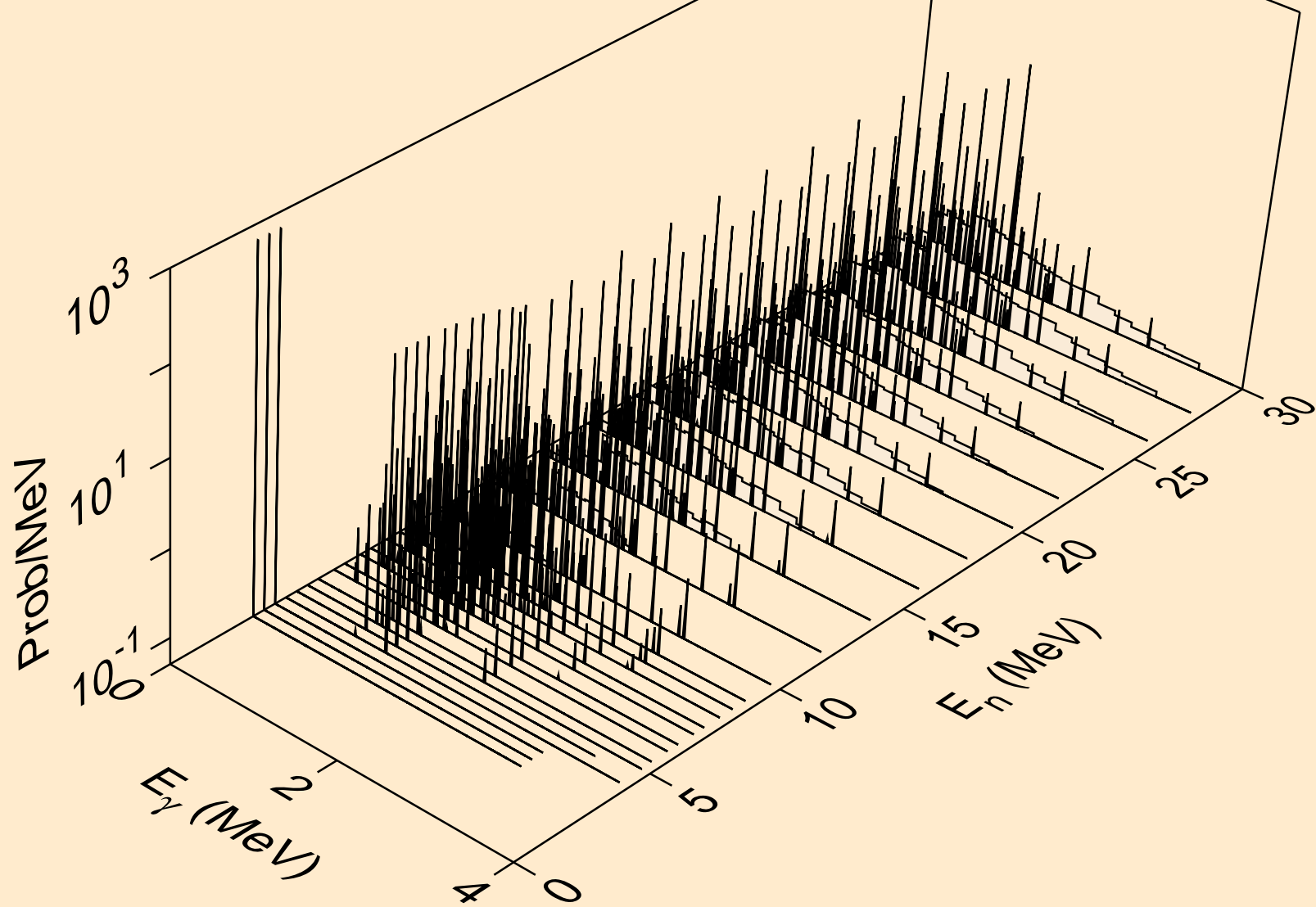
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



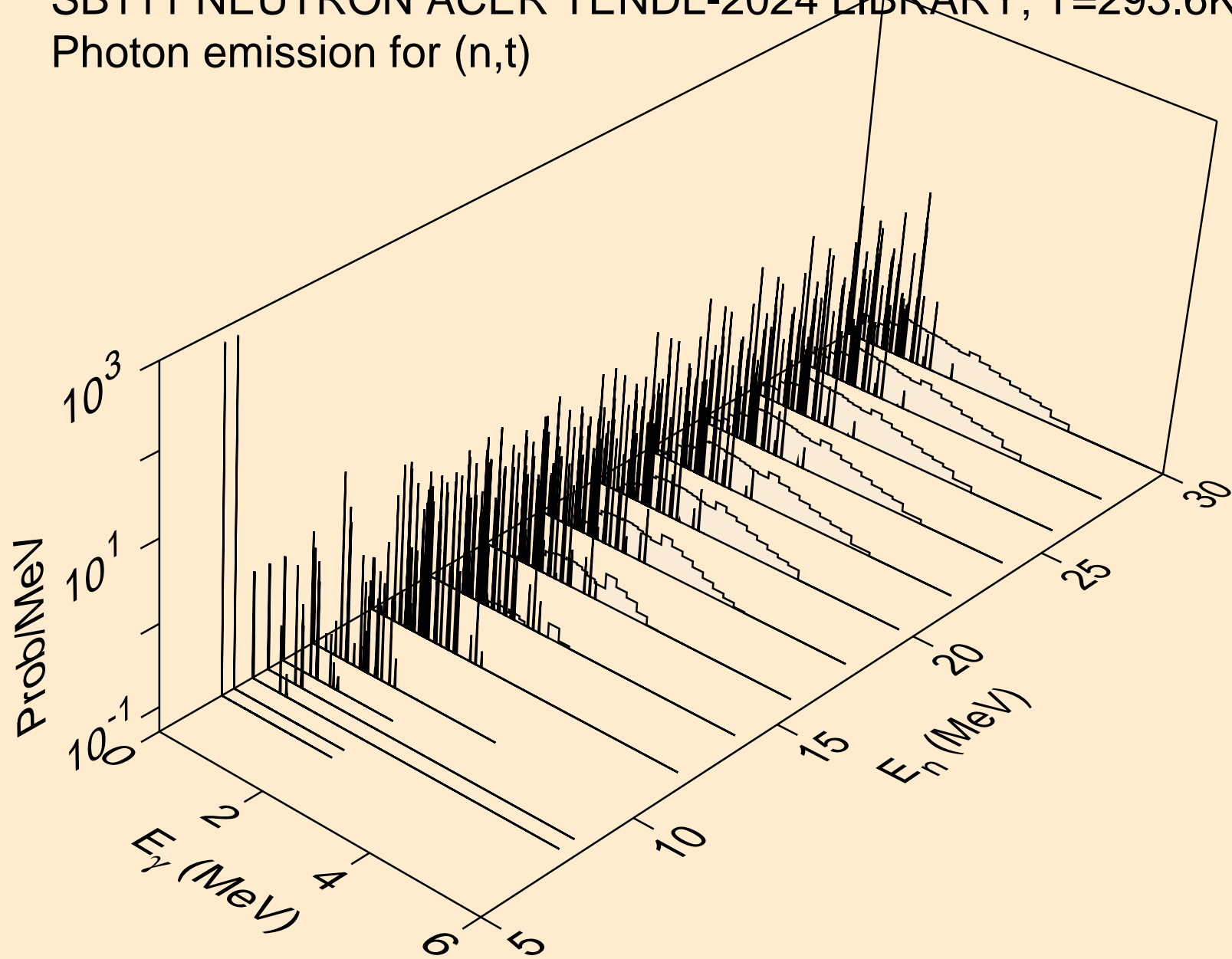
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



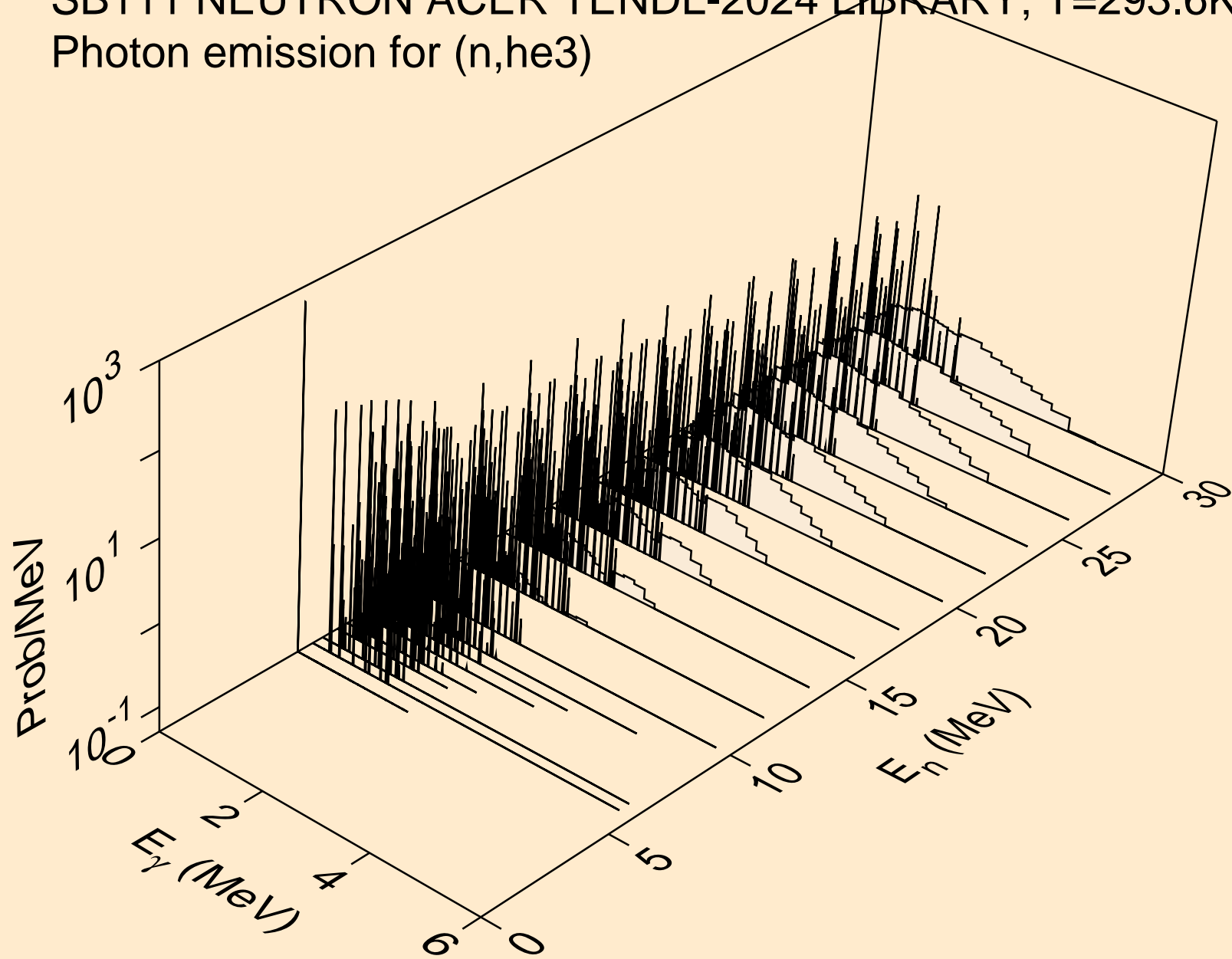
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



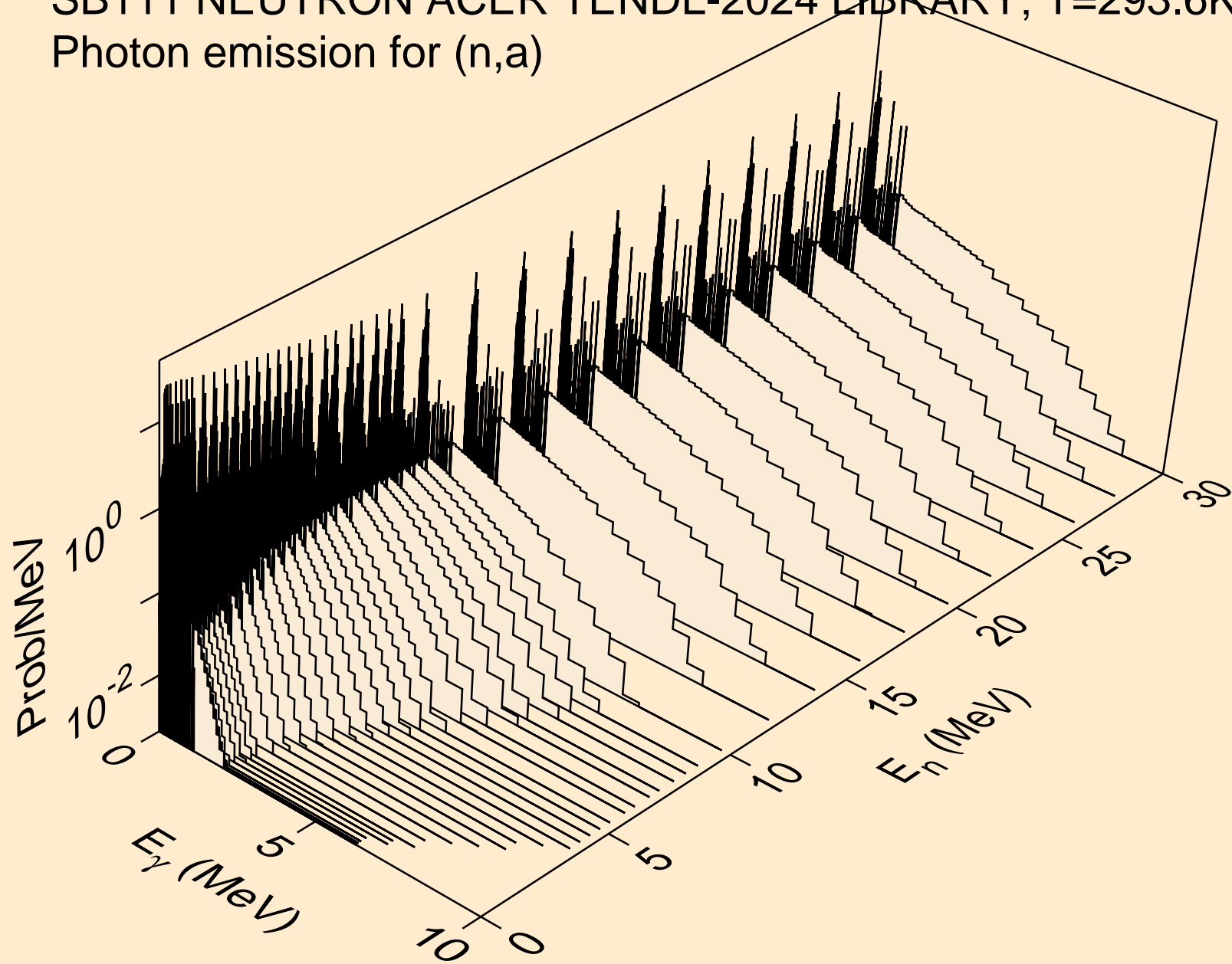
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



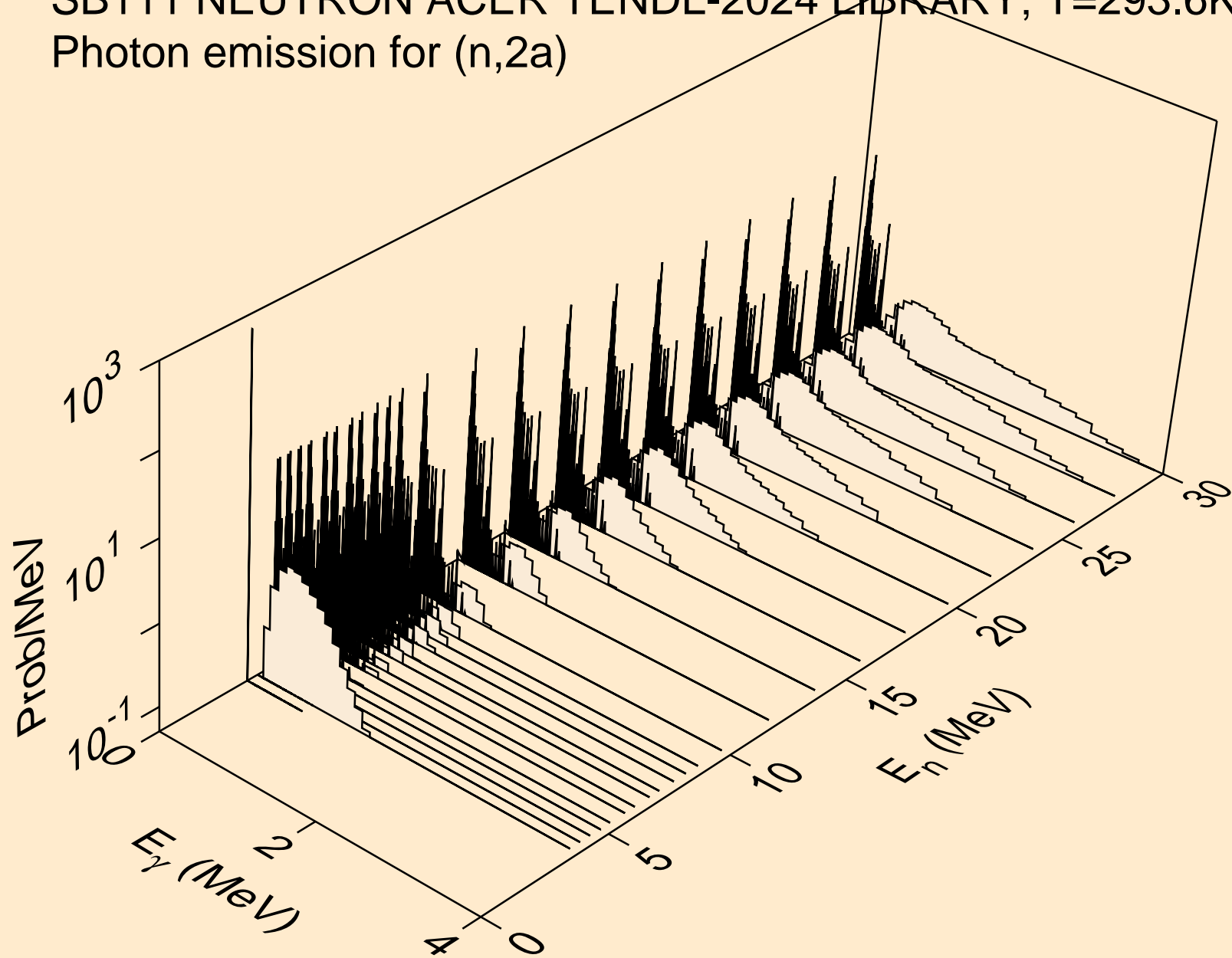
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



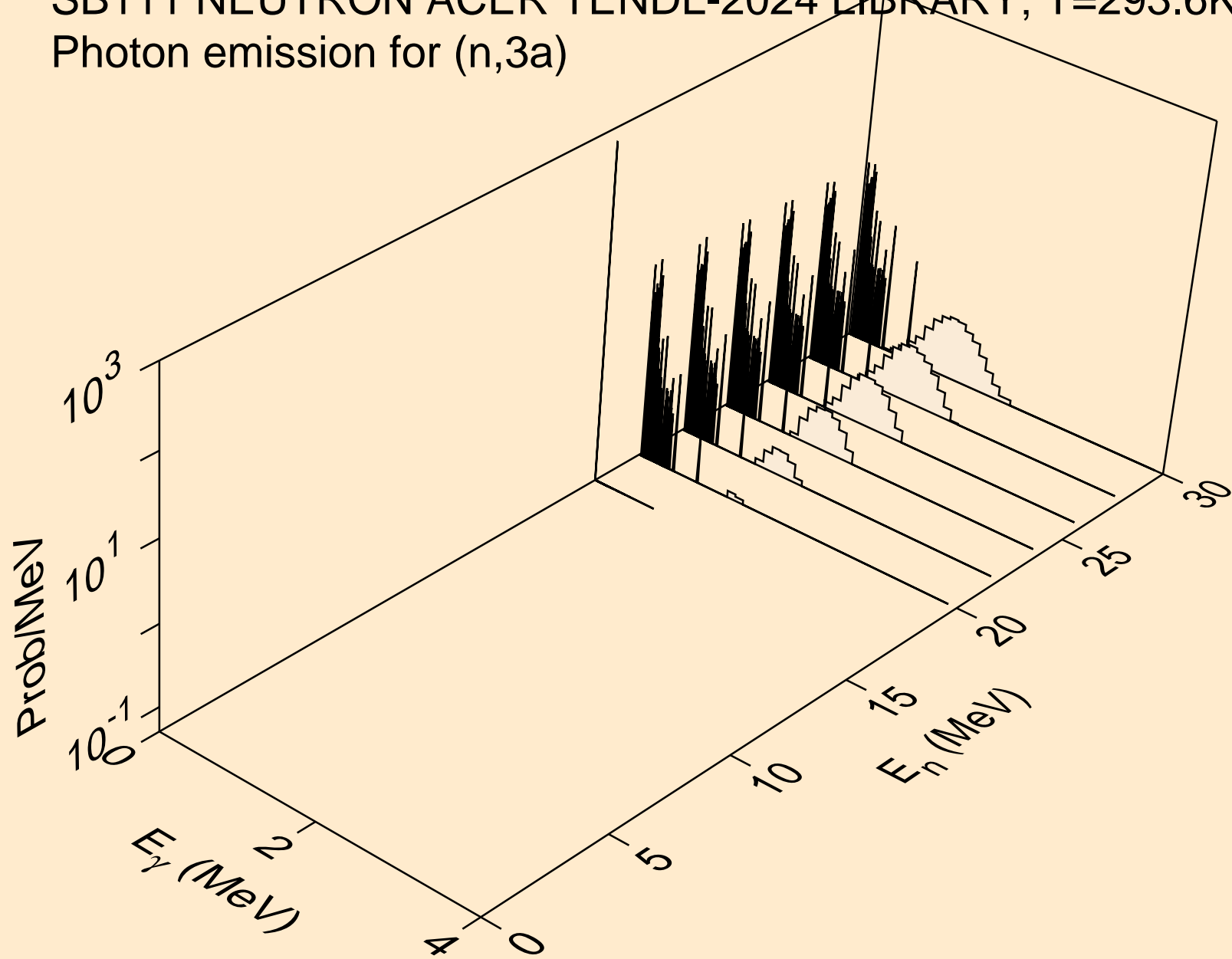
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



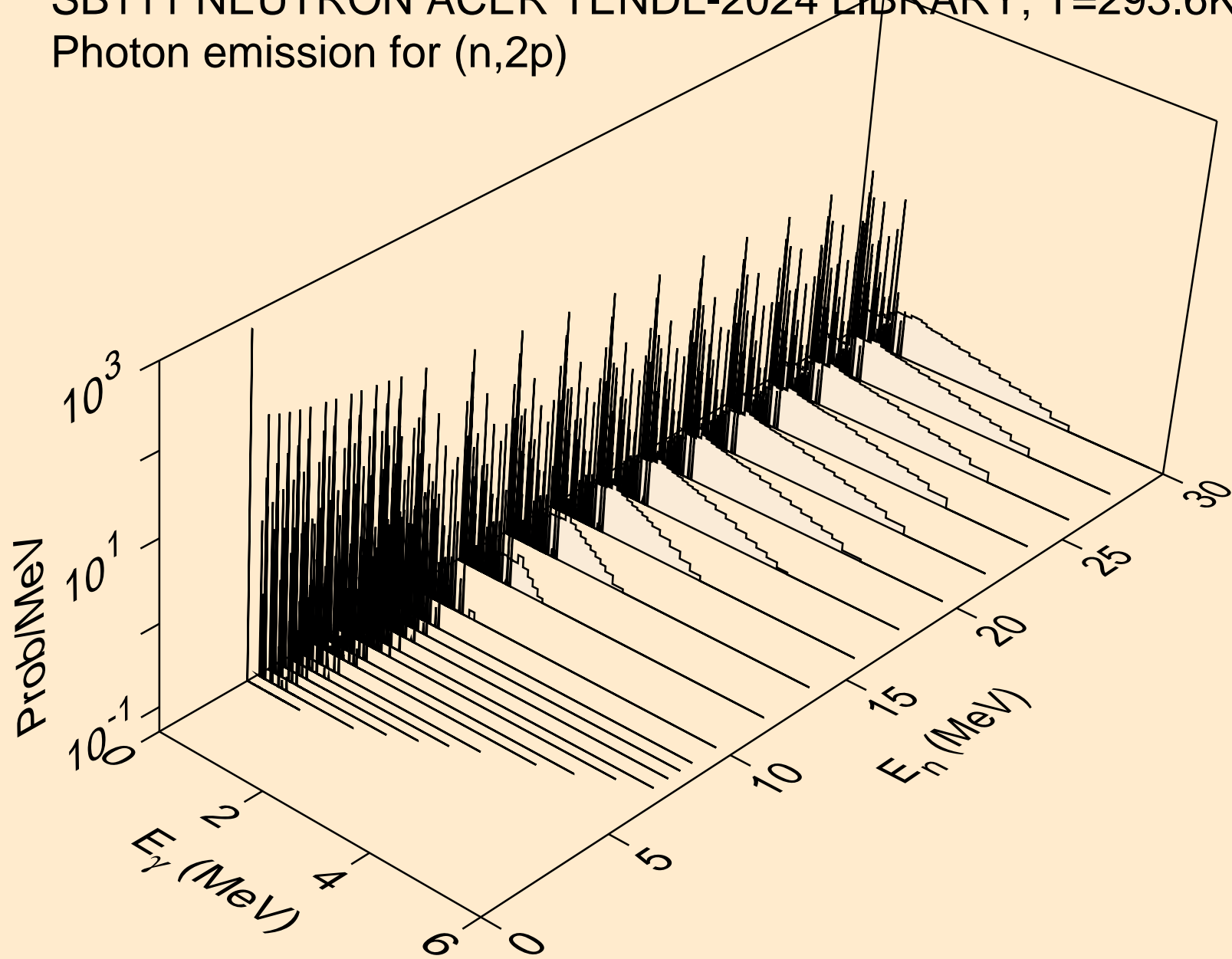
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



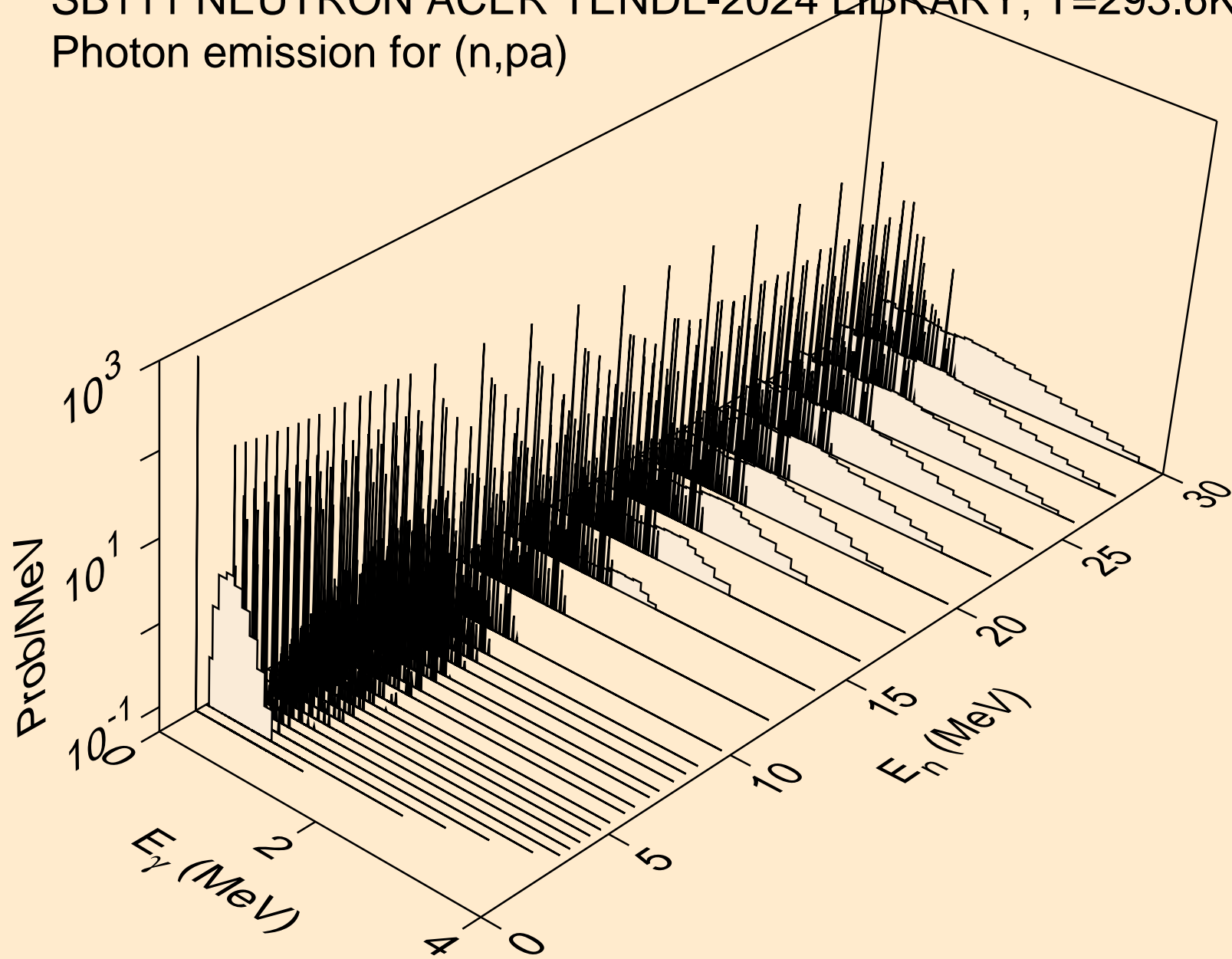
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3a)



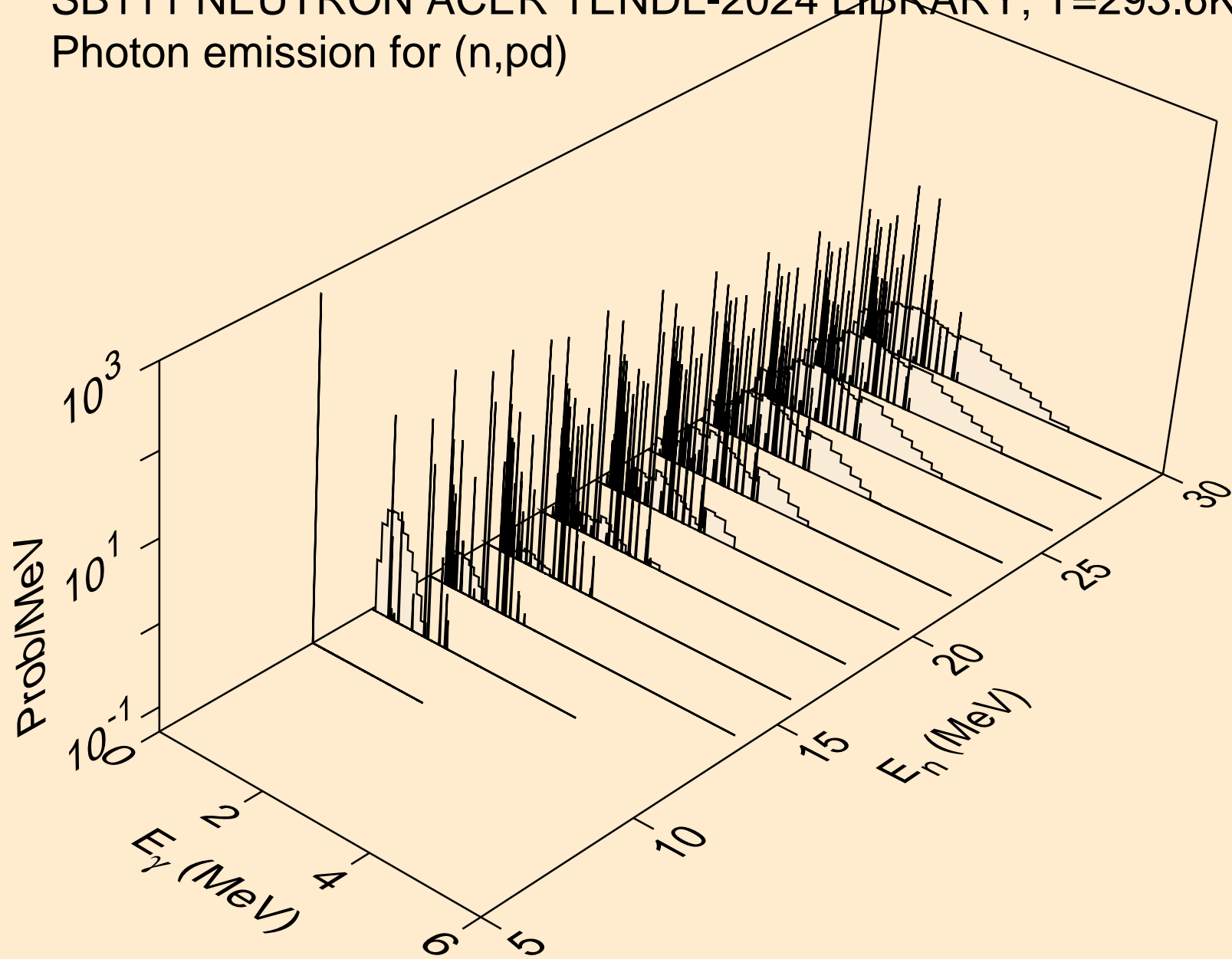
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



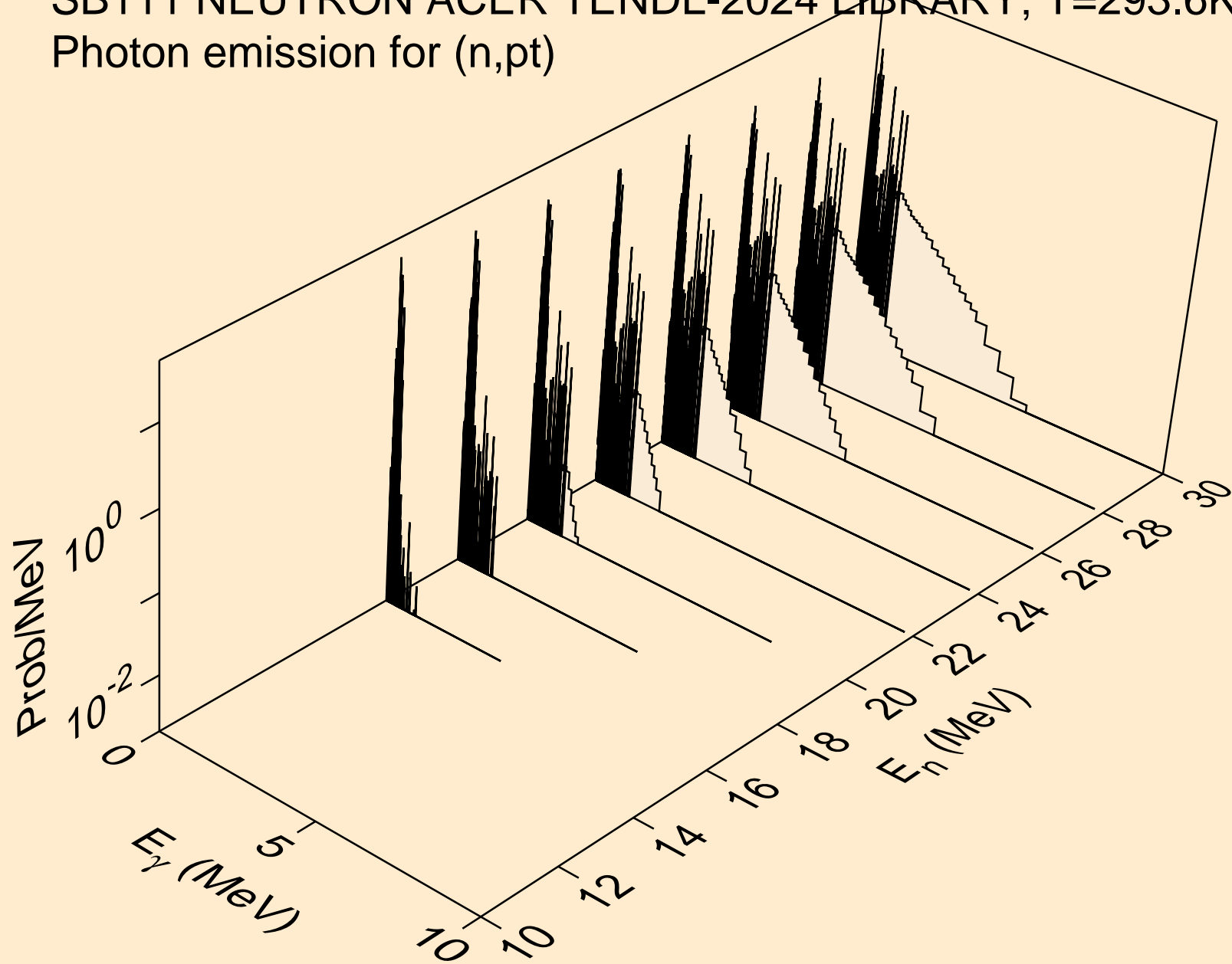
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



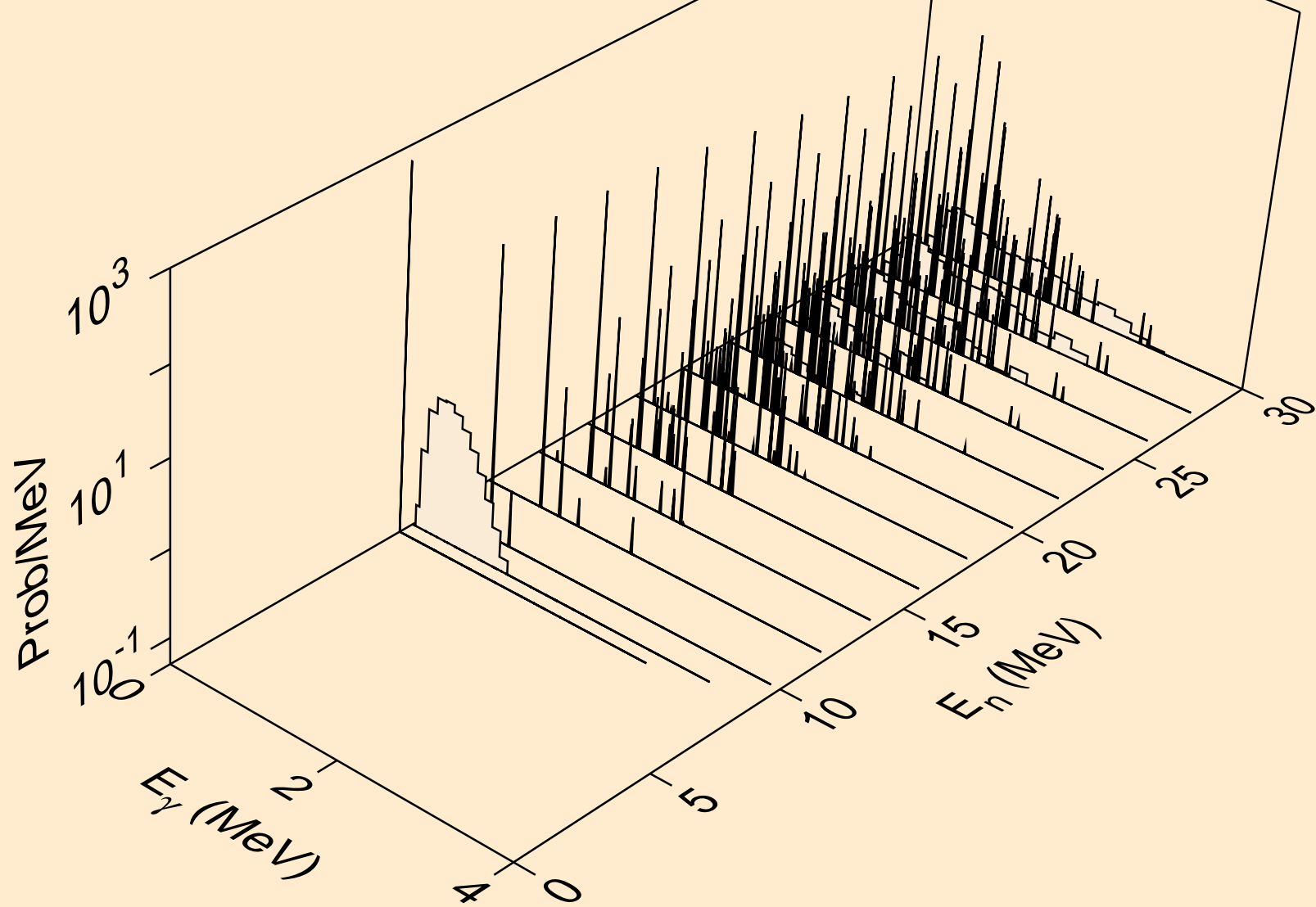
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



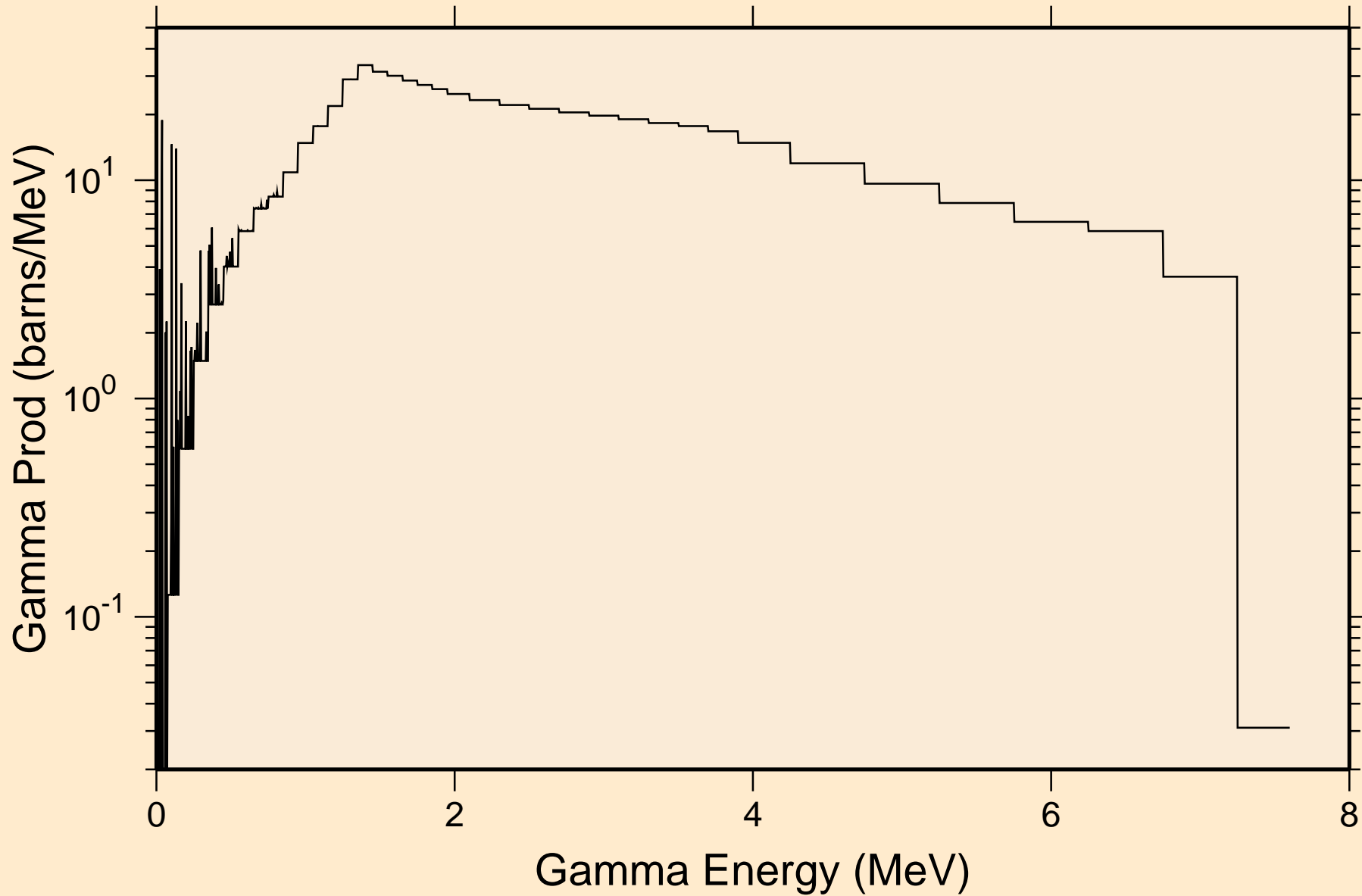
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



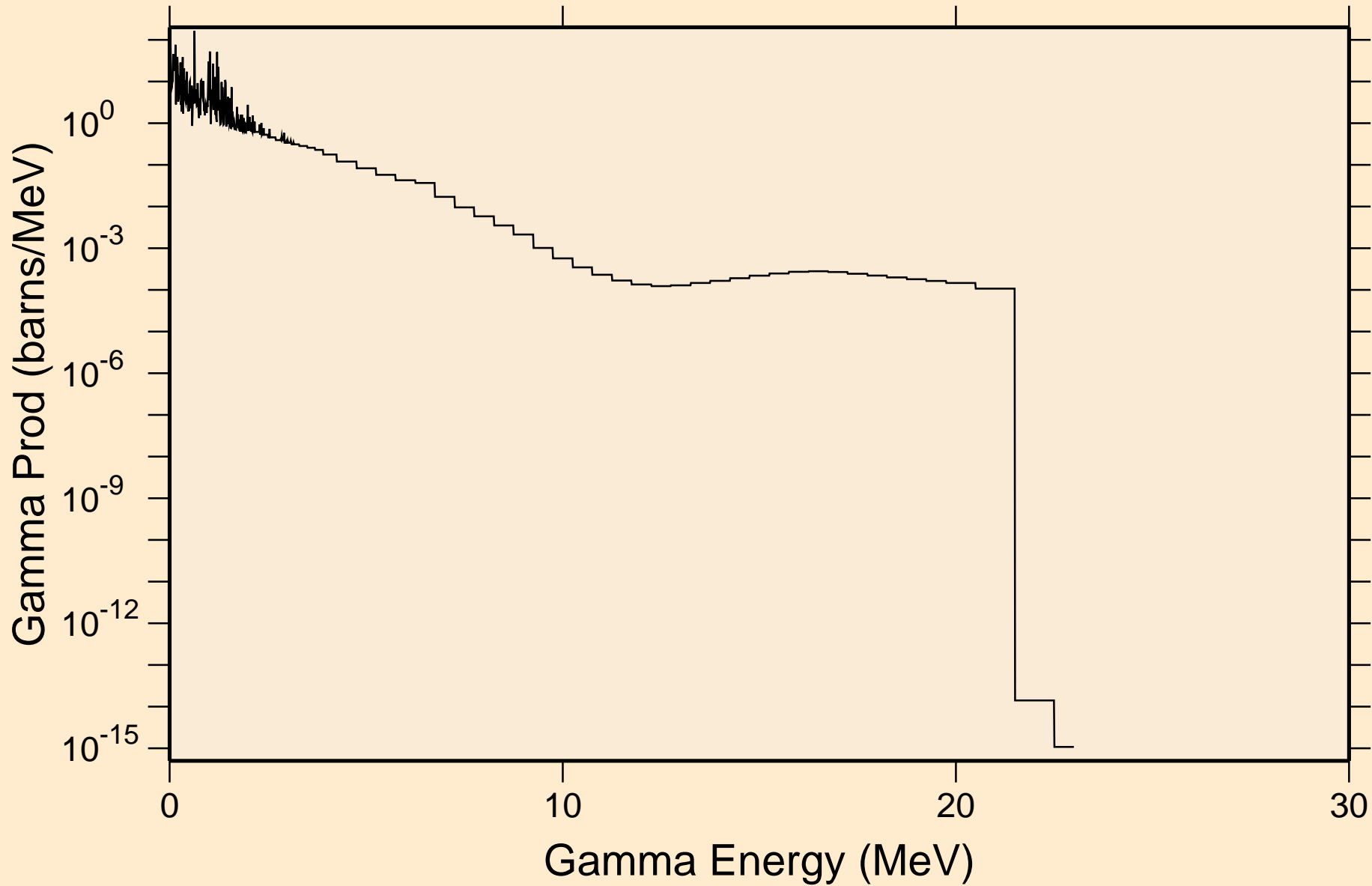
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum

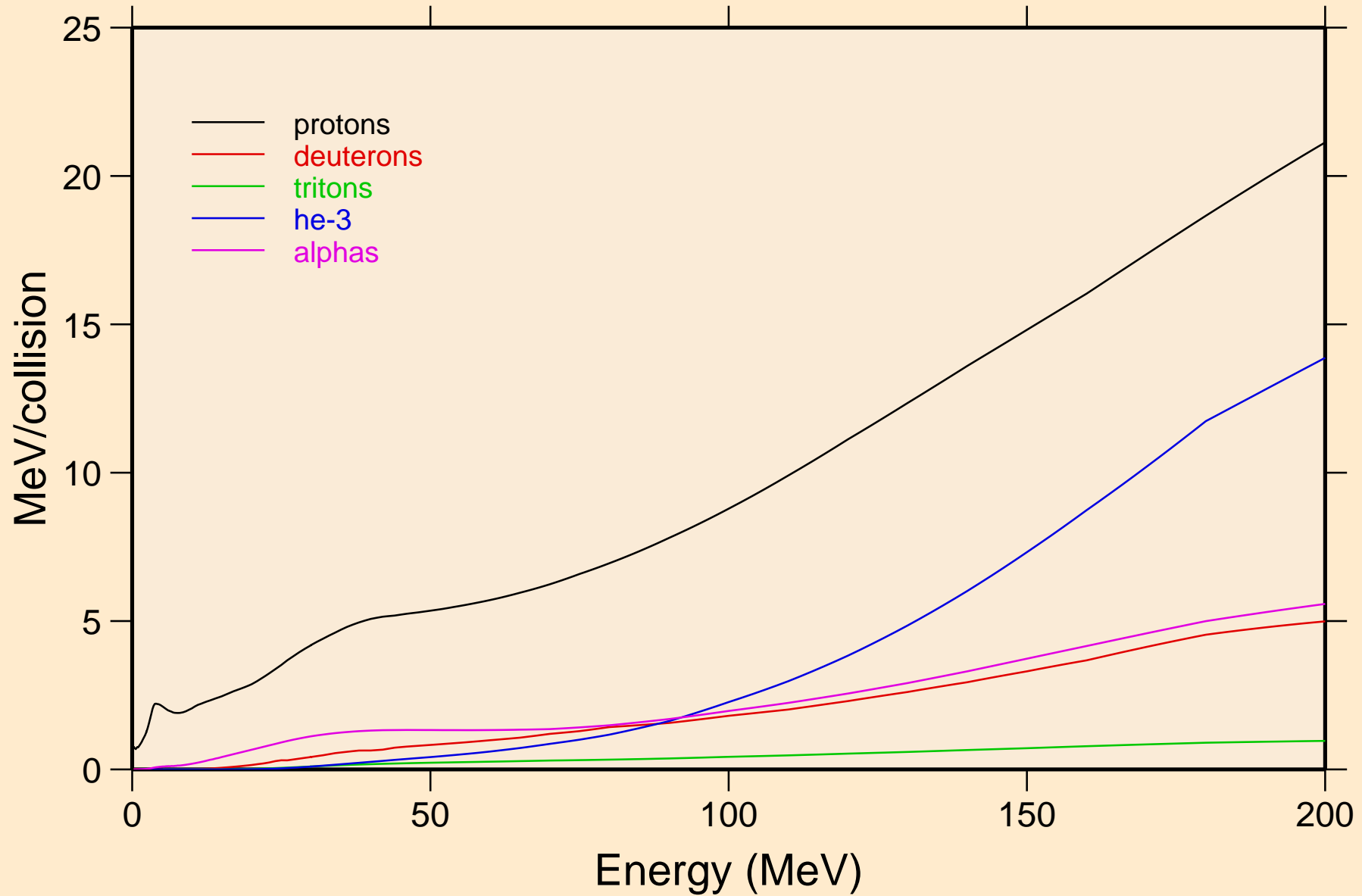


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



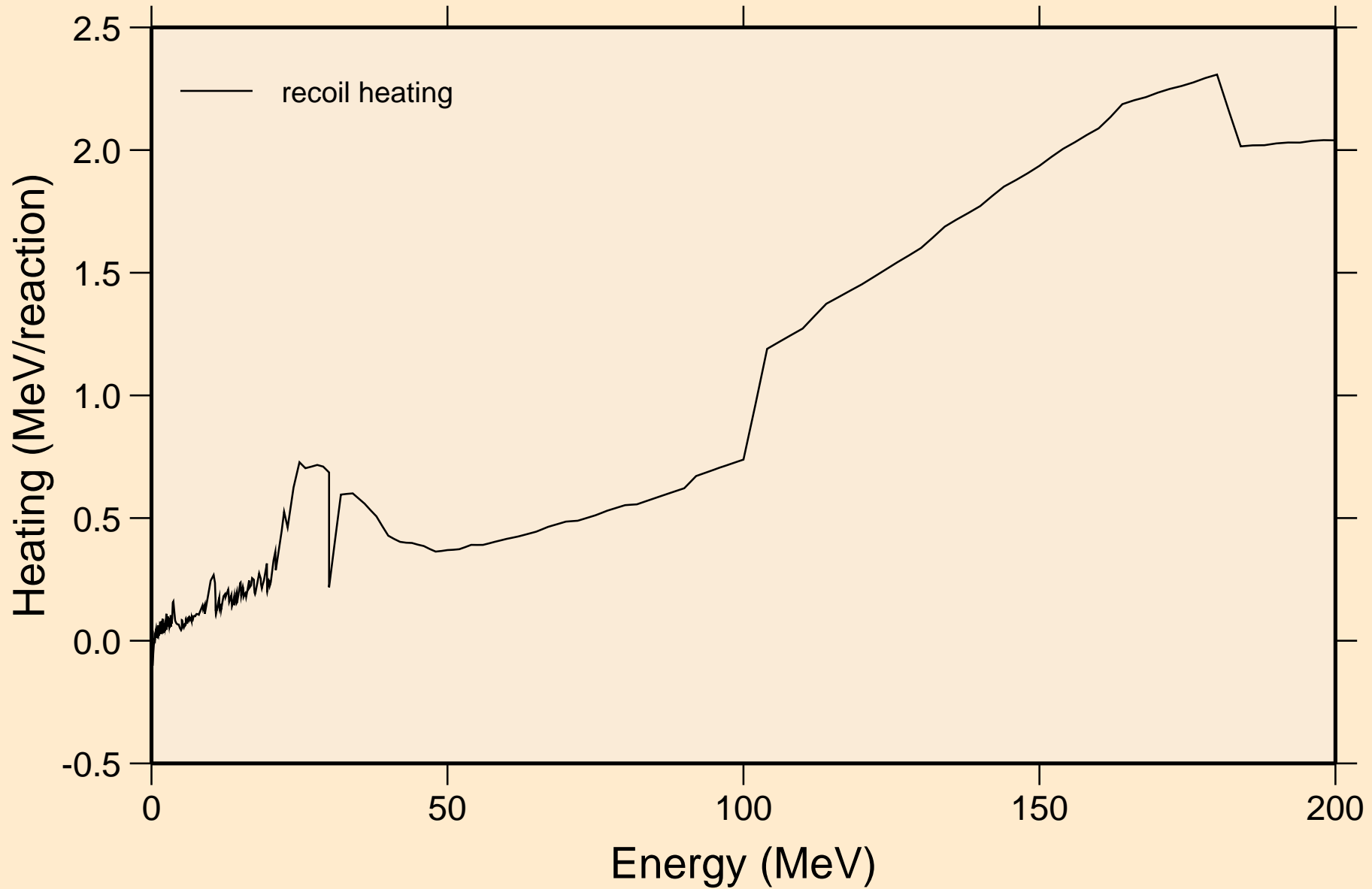
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Particle heating contributions



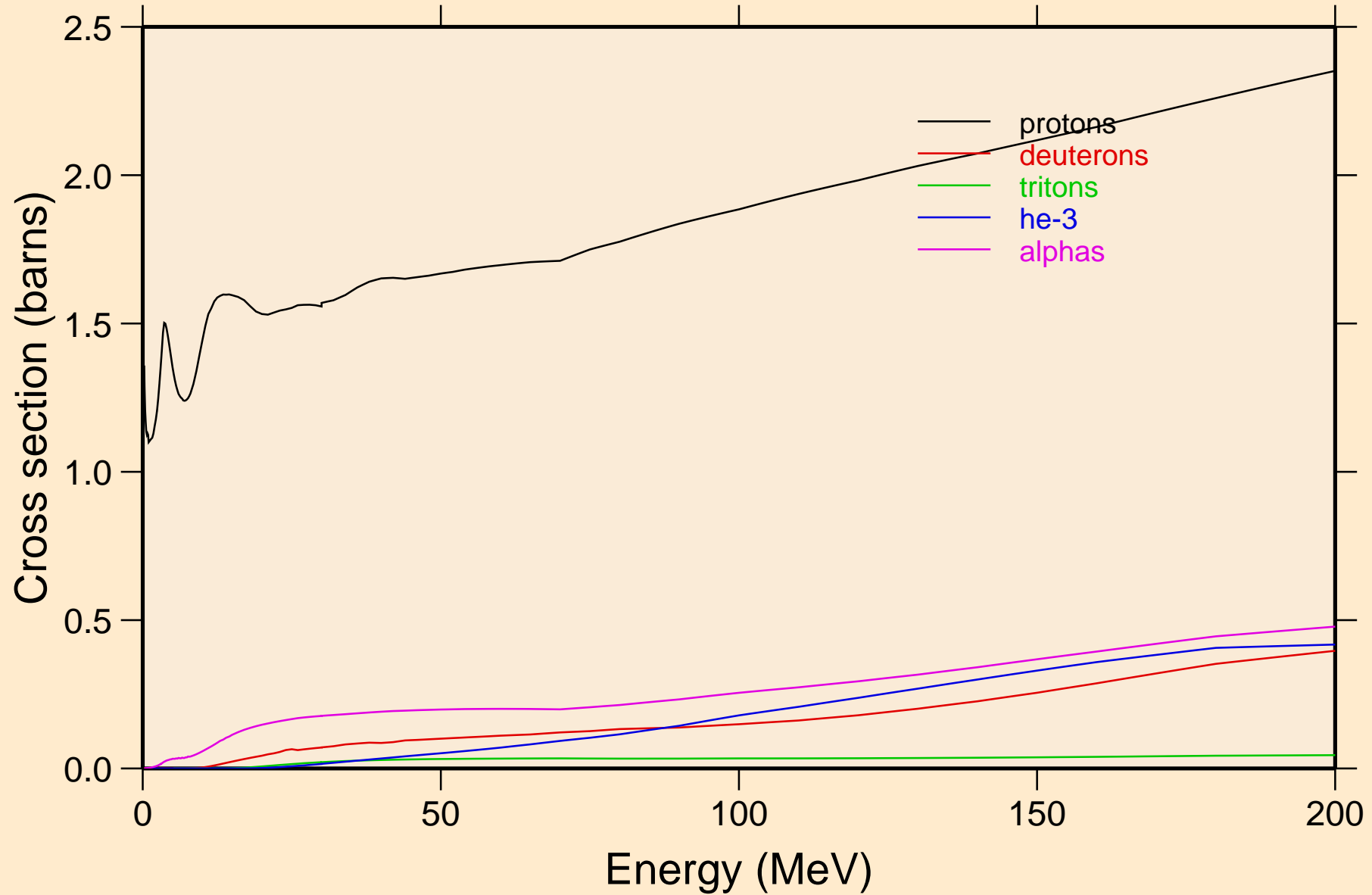
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Recoil Heating

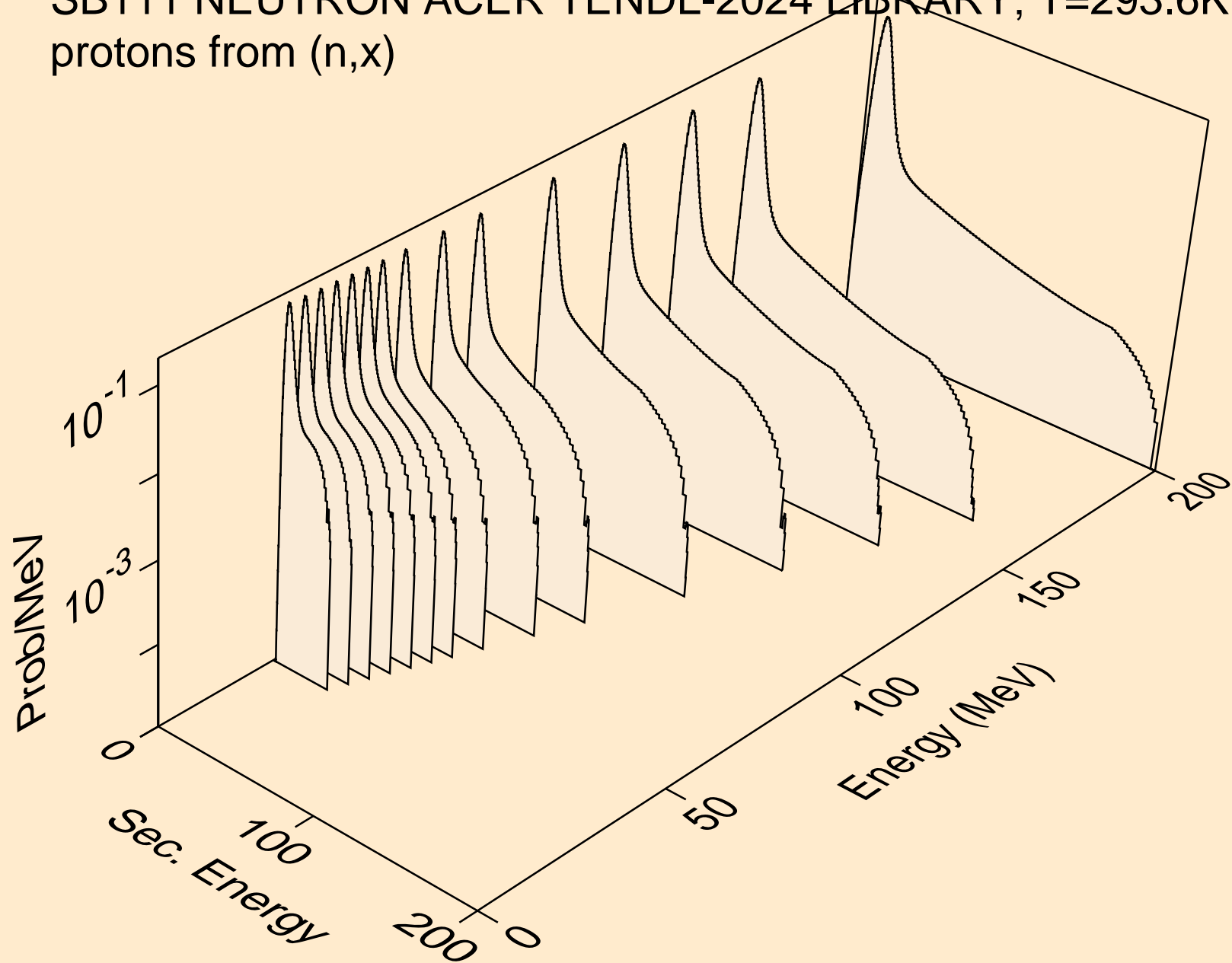


SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

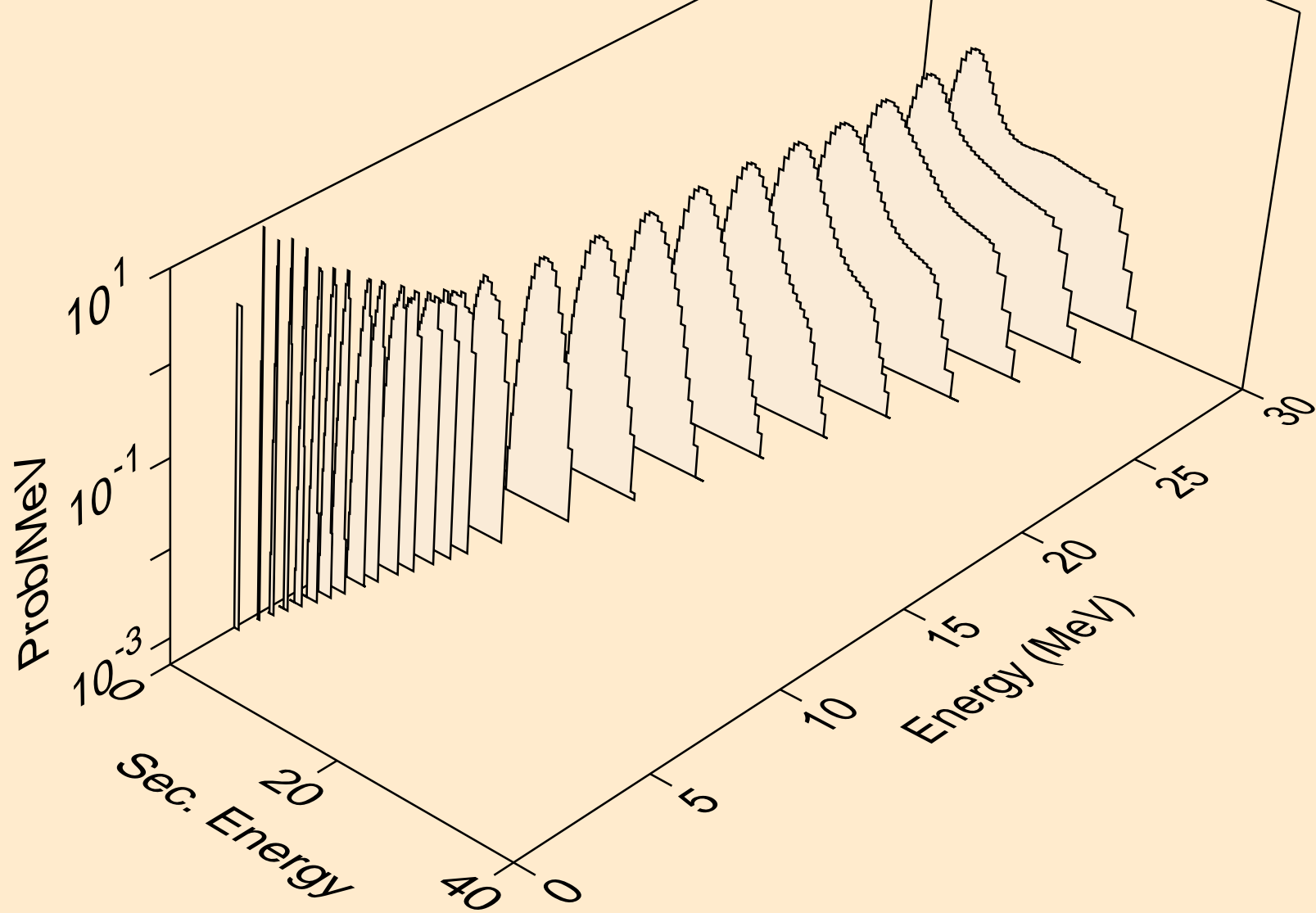
Particle production cross sections



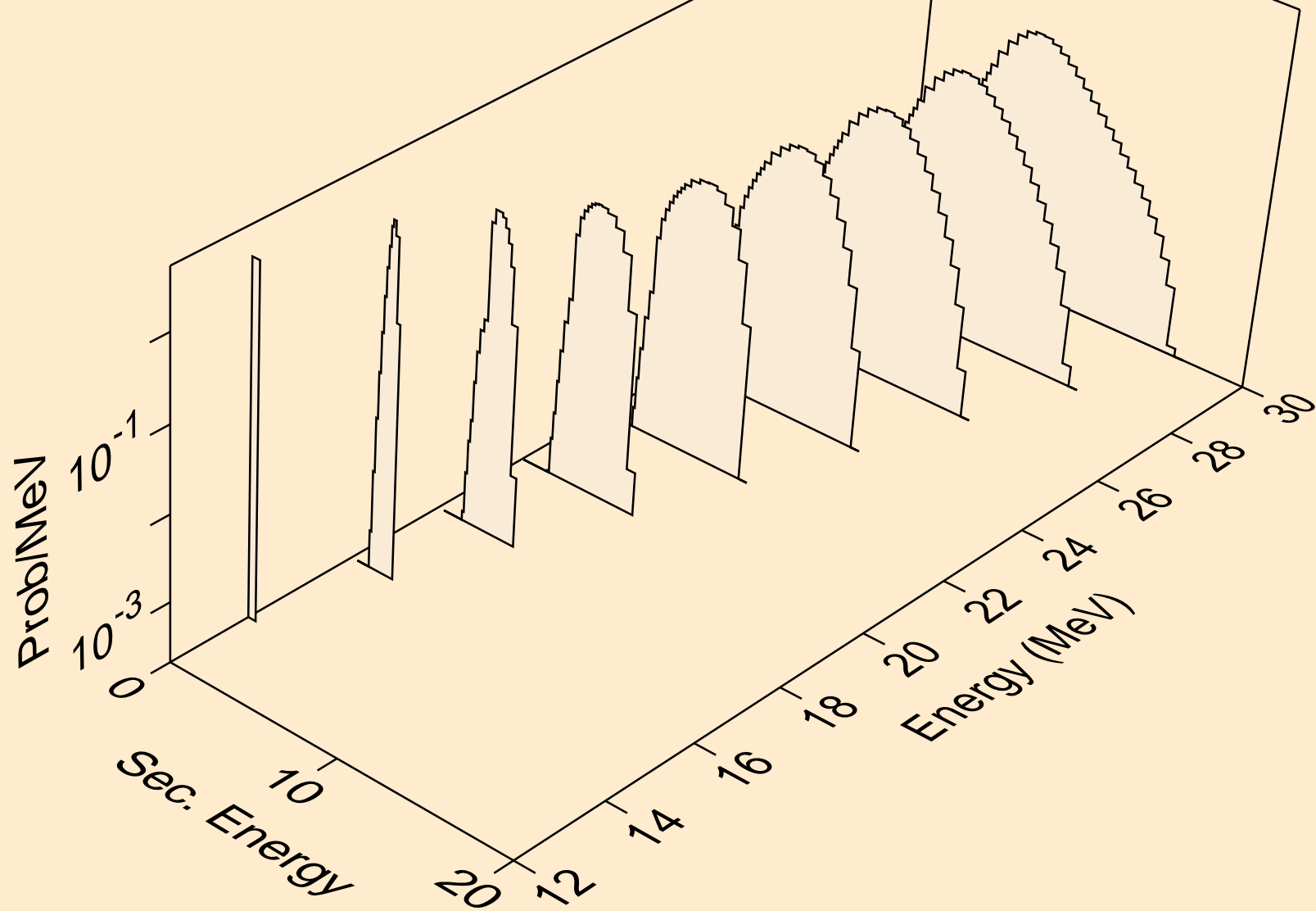
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



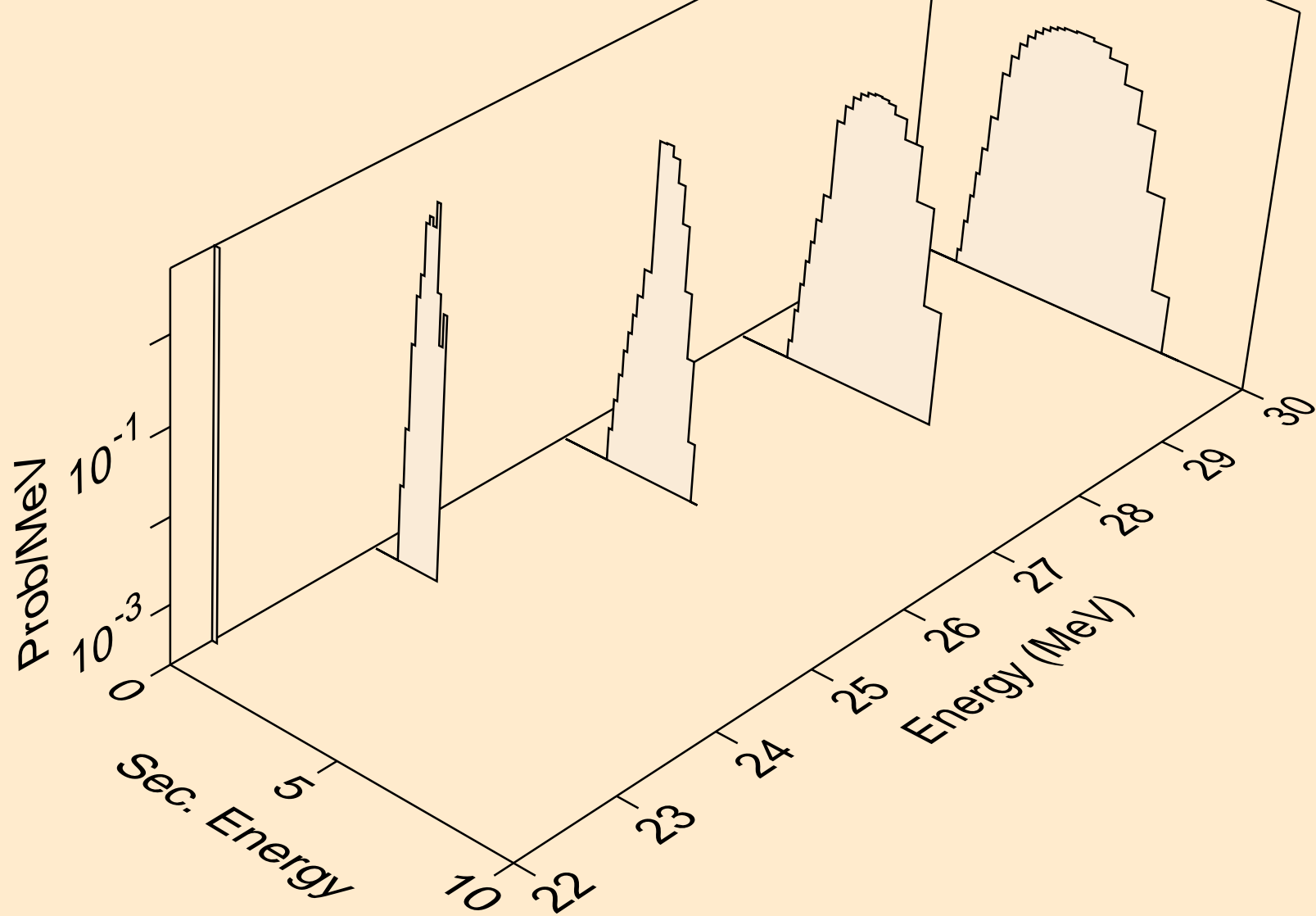
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



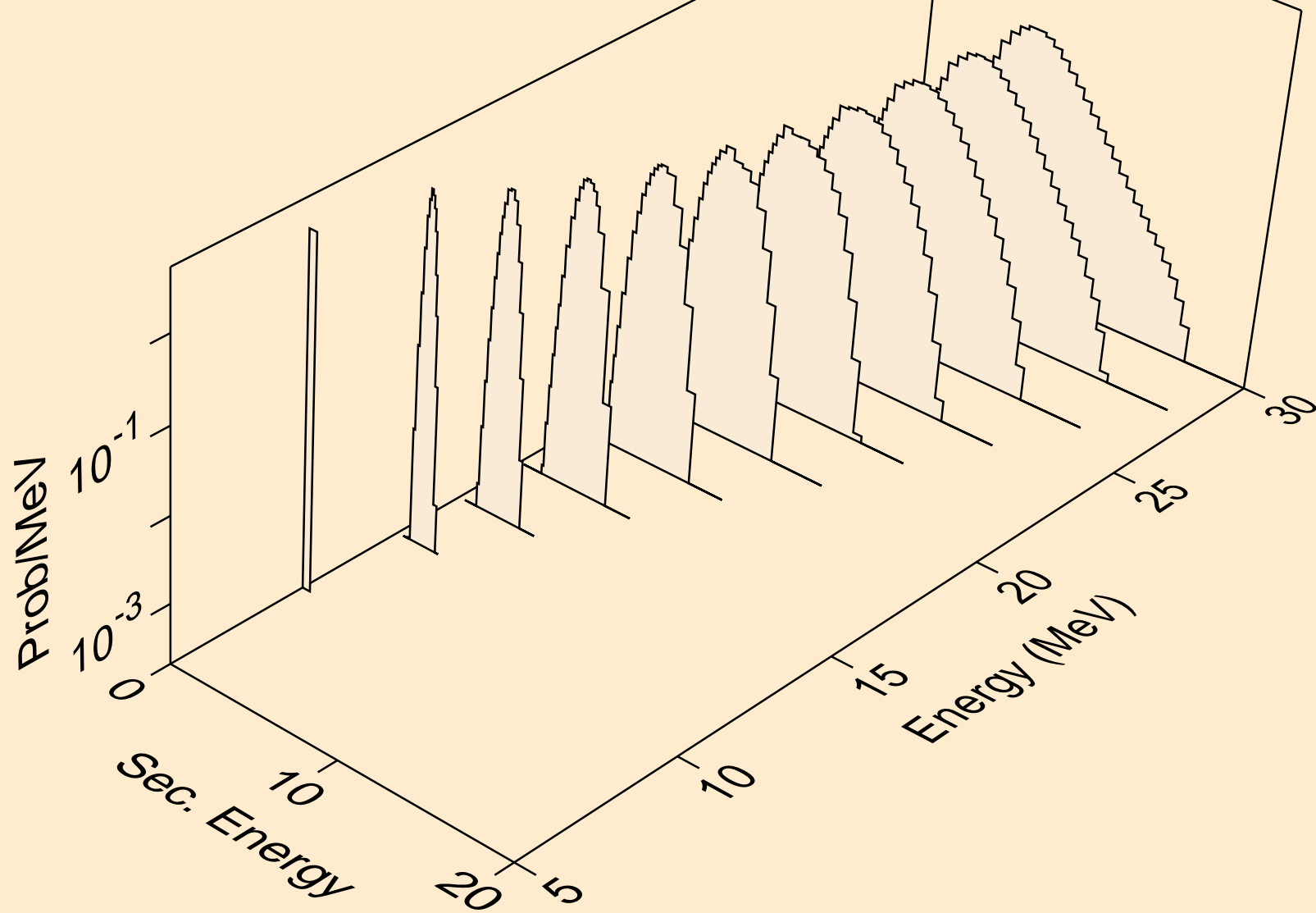
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protons from (n,2np)



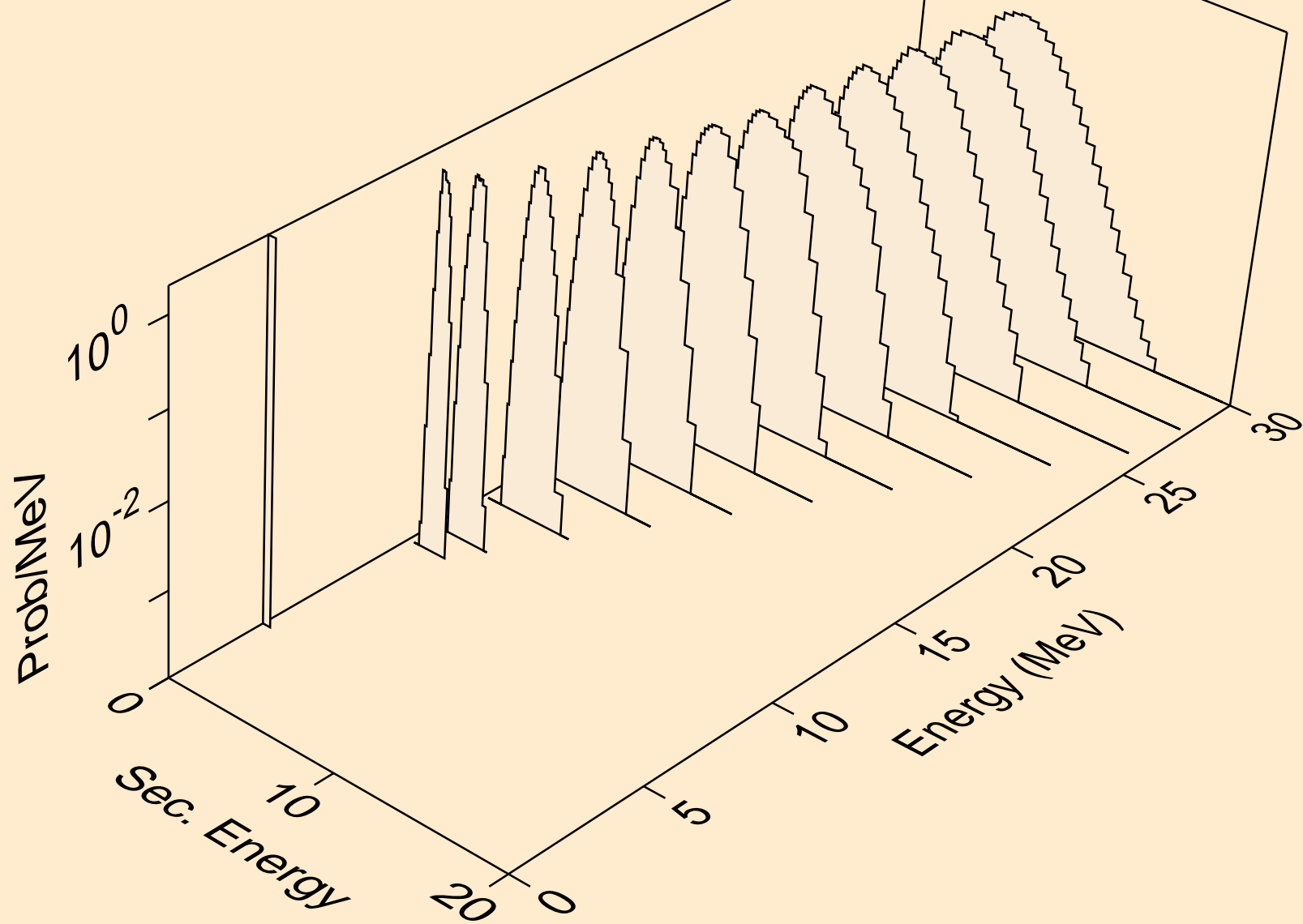
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protons from (n,3np)



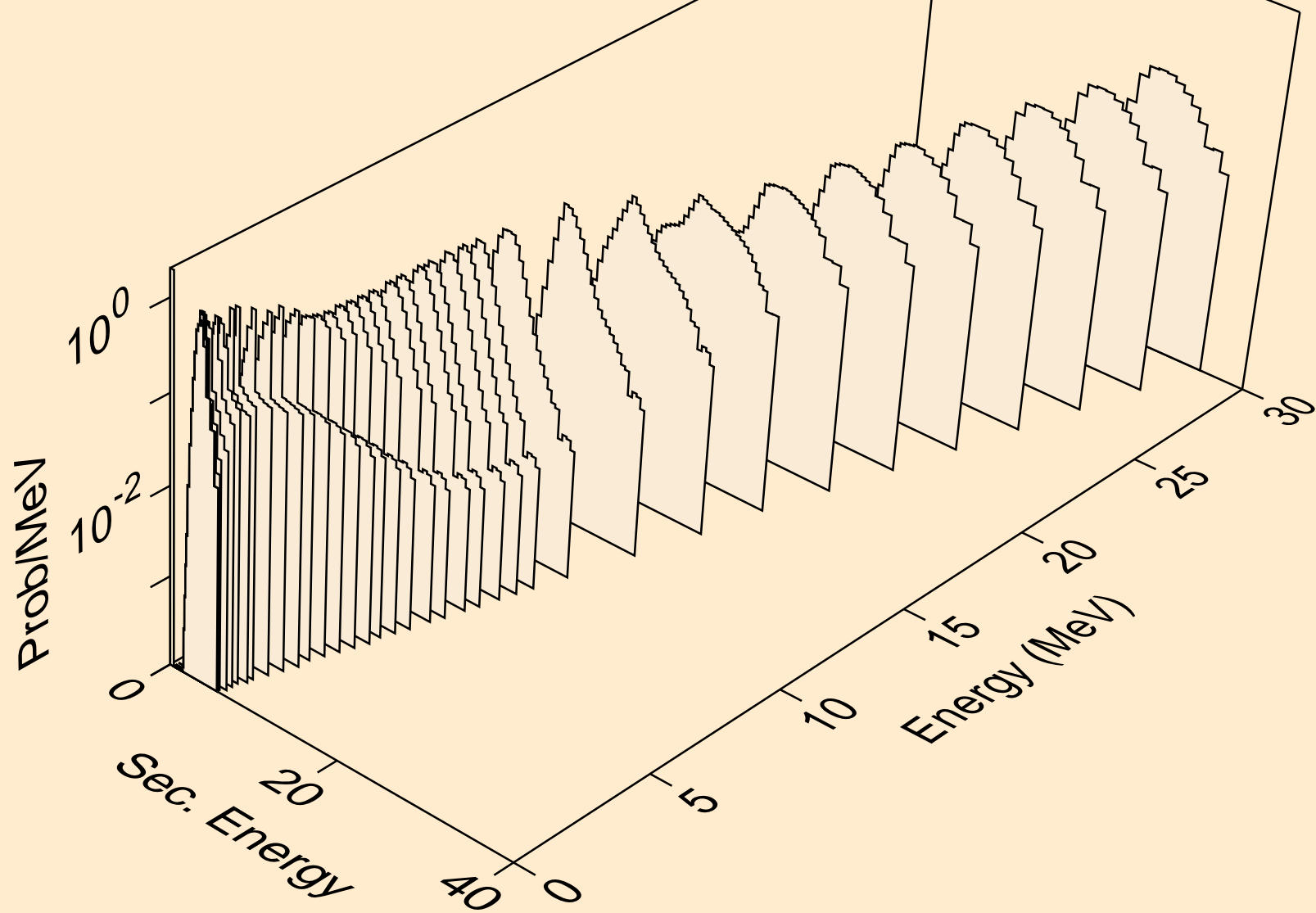
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



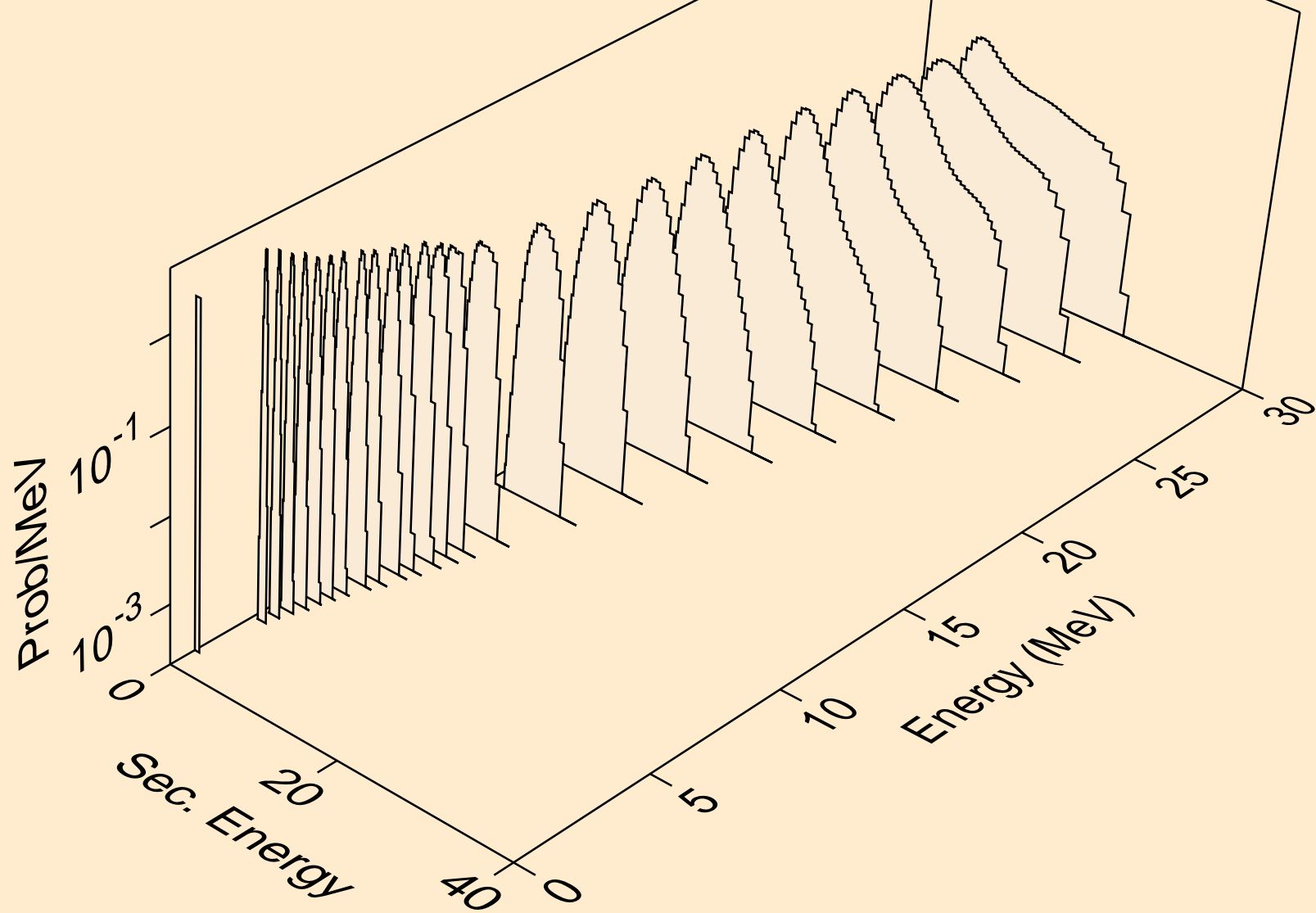
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protons from (n,npa)



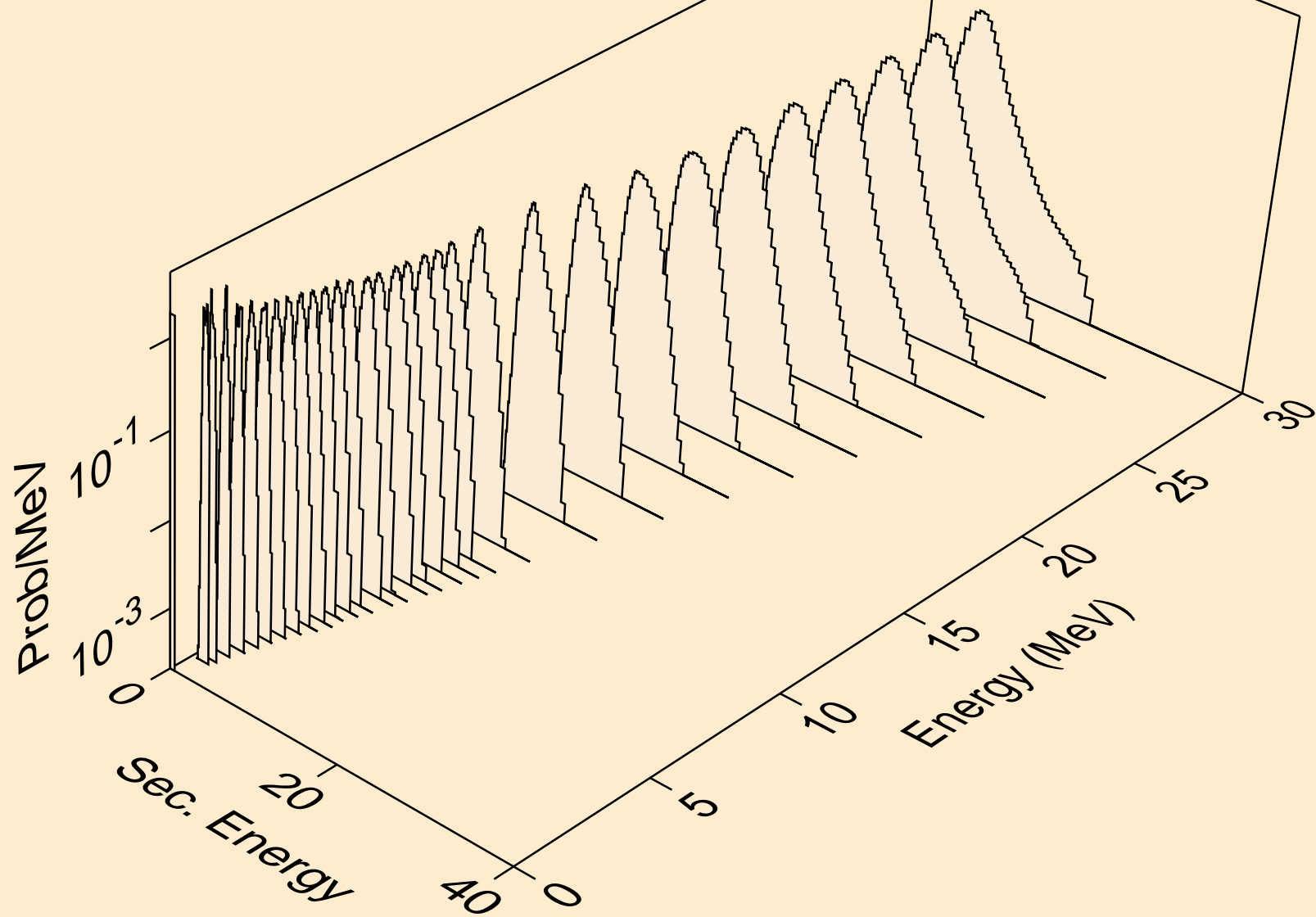
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protons from (n,p)



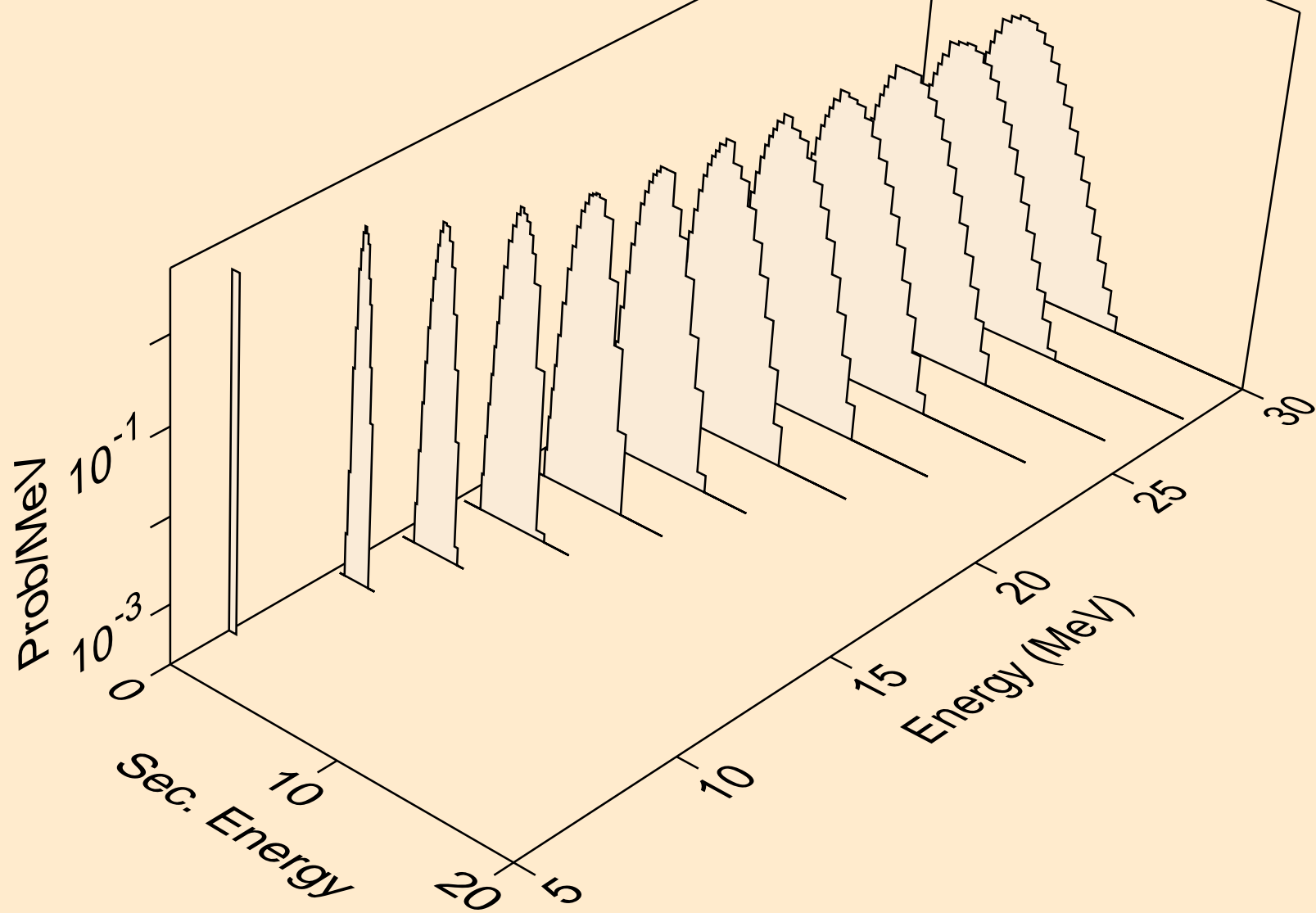
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protons from (n,2p)



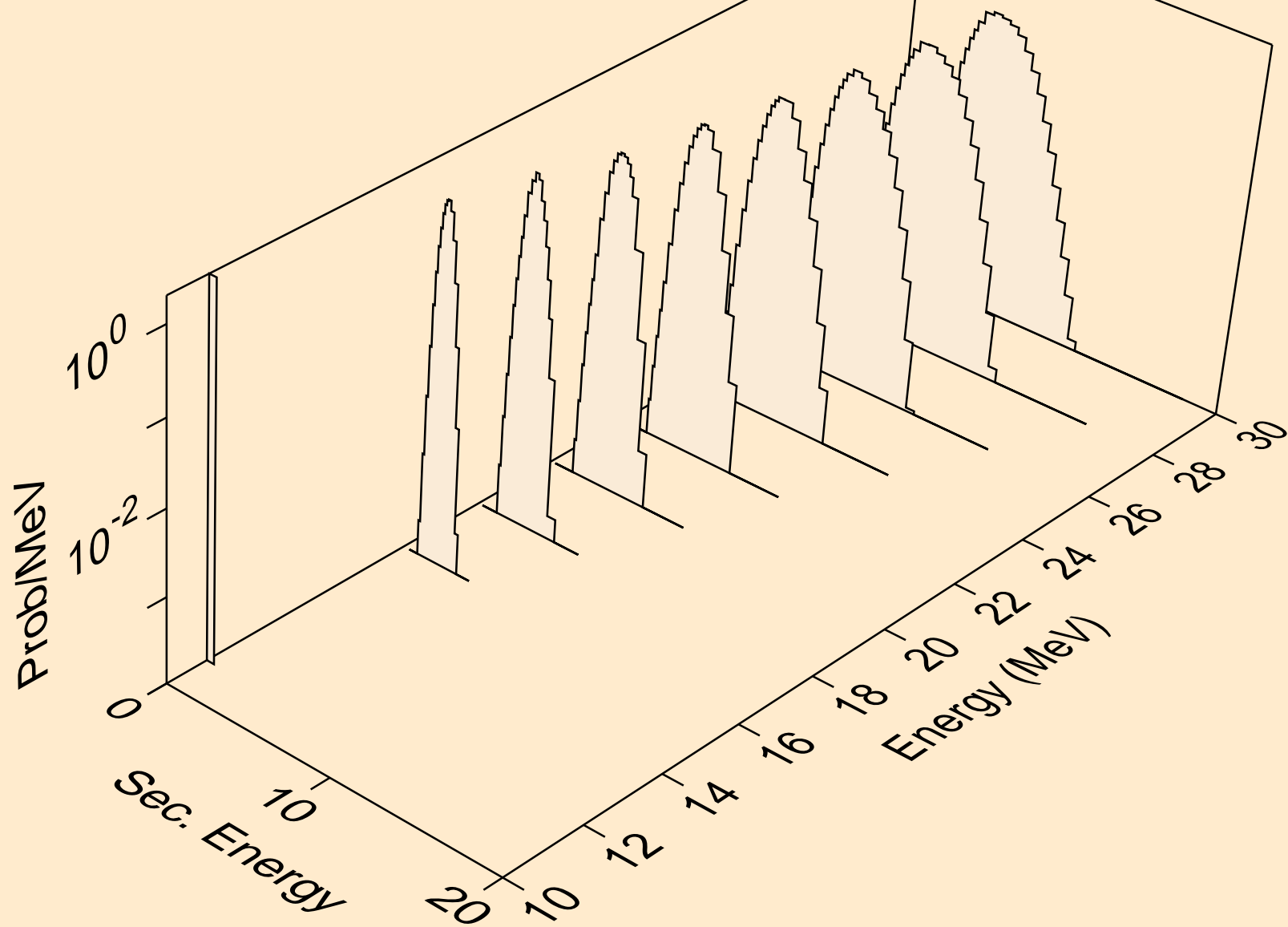
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



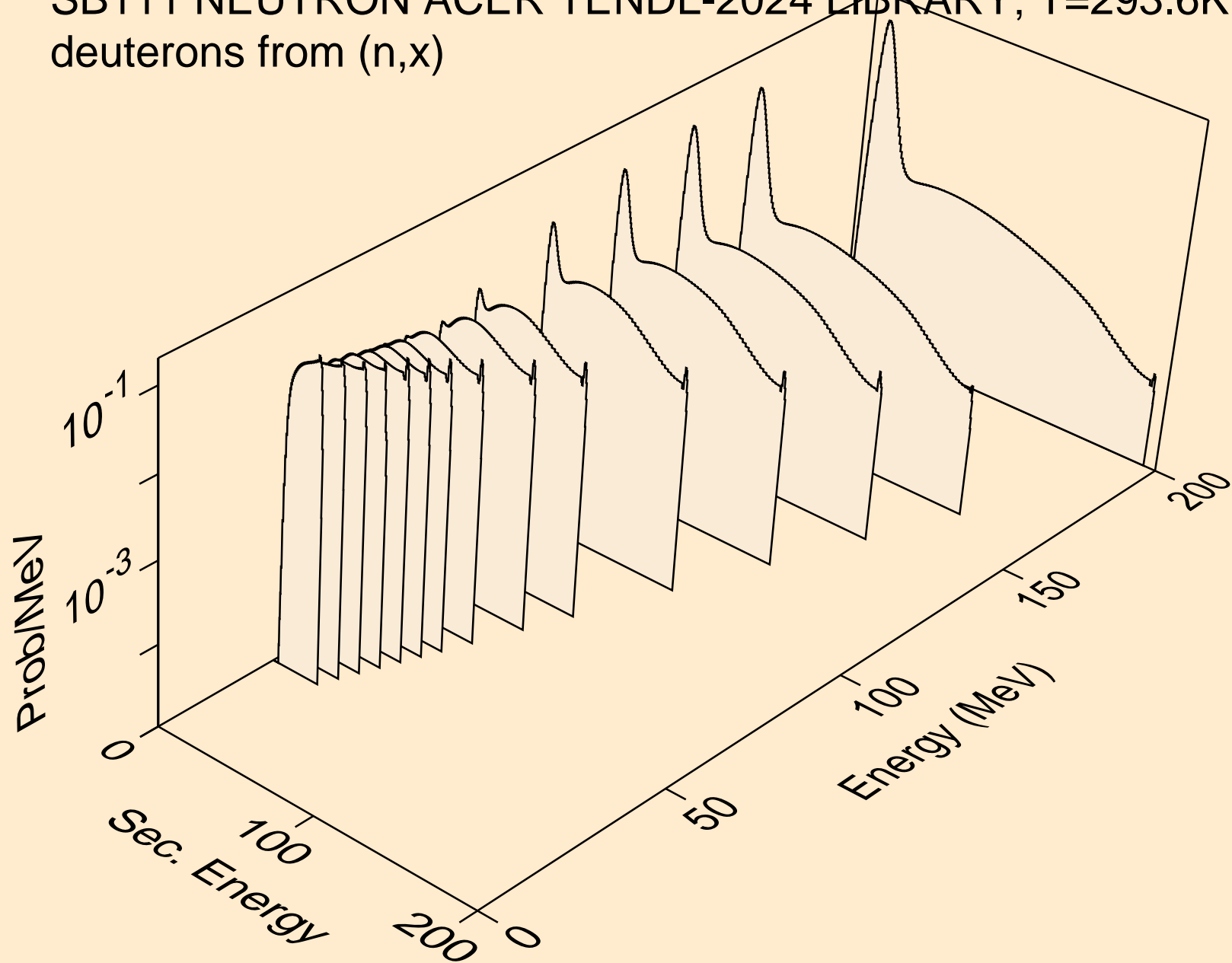
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protons from (n,pd)



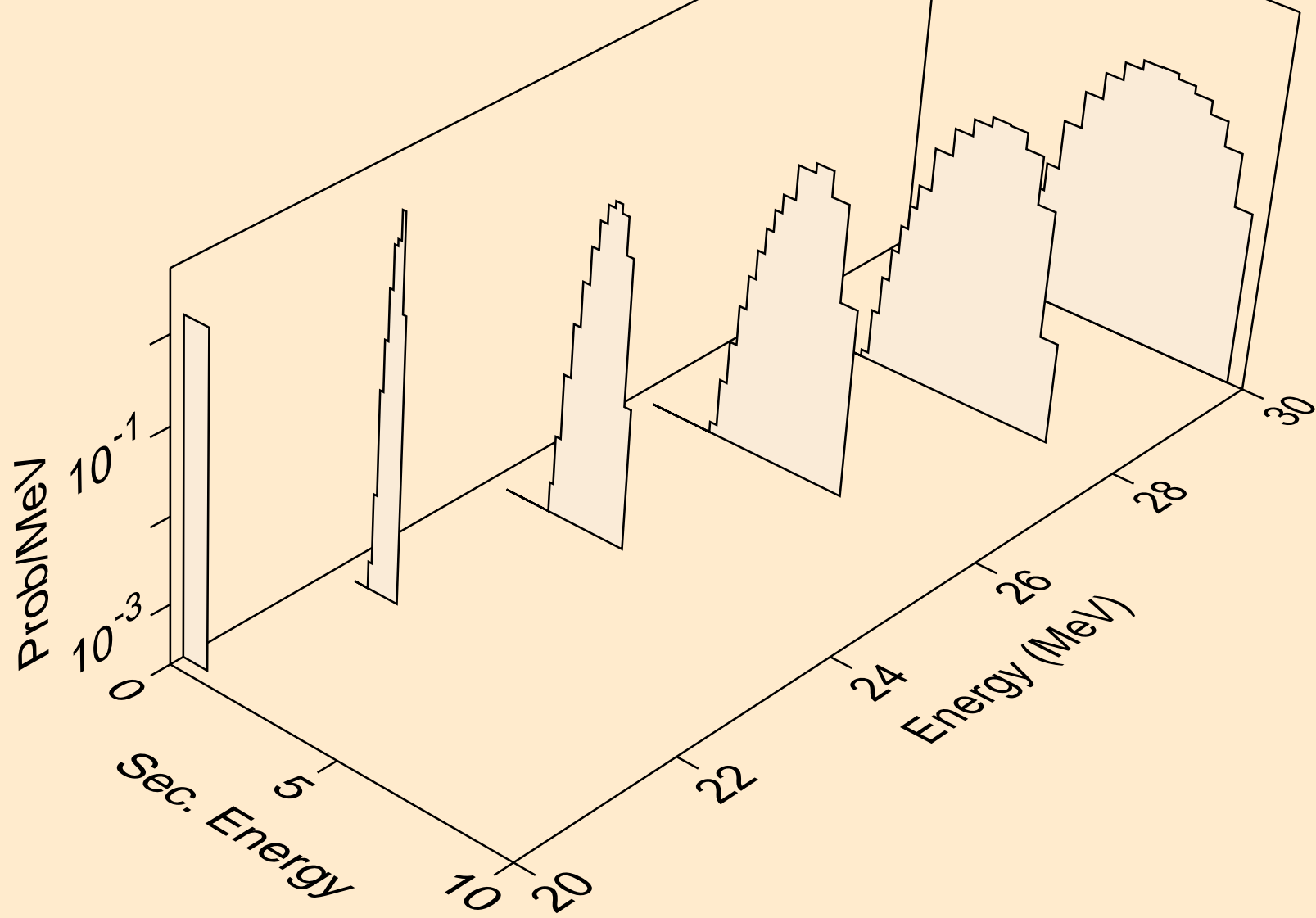
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pt)



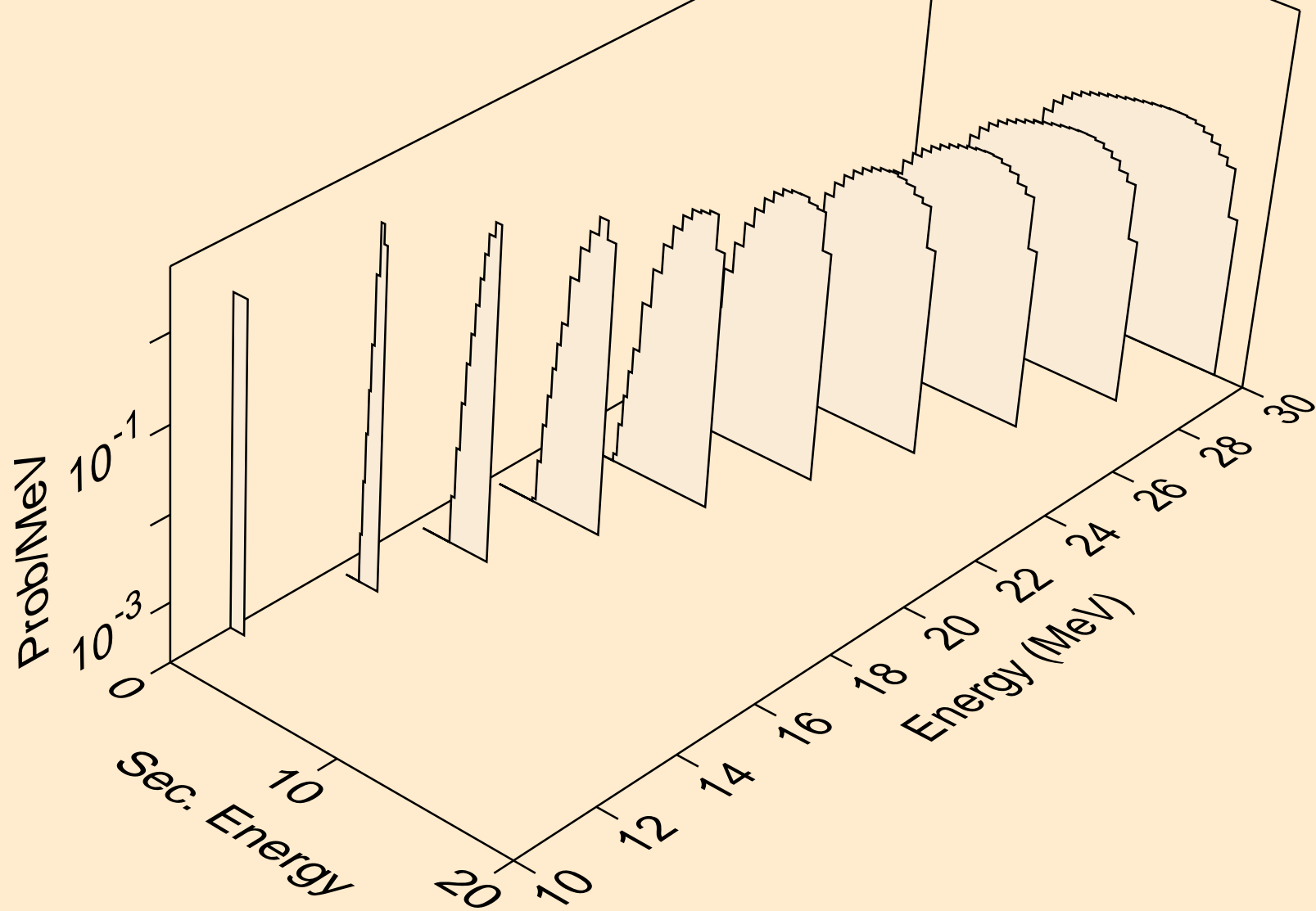
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



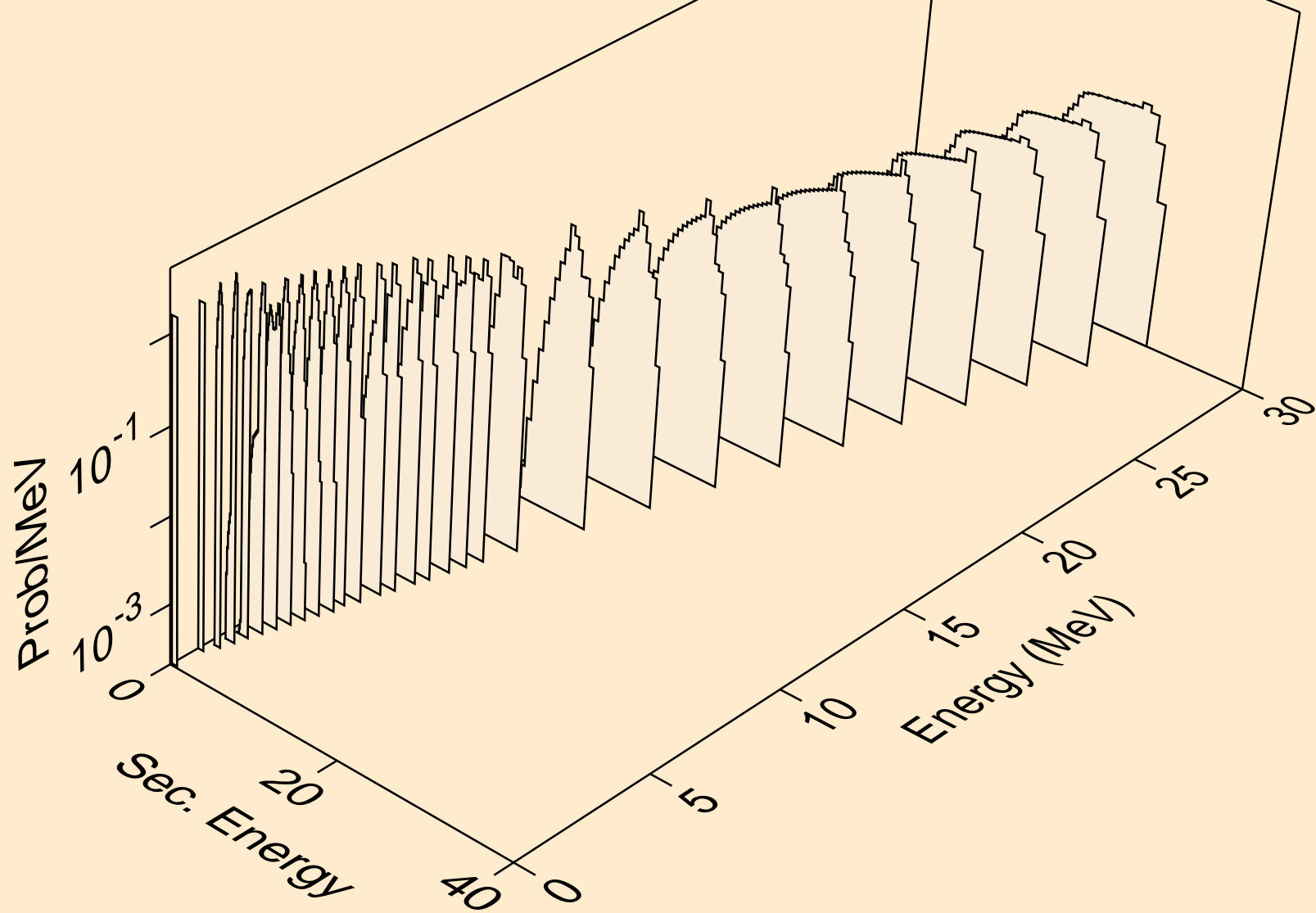
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deuterons from (n,2nd)



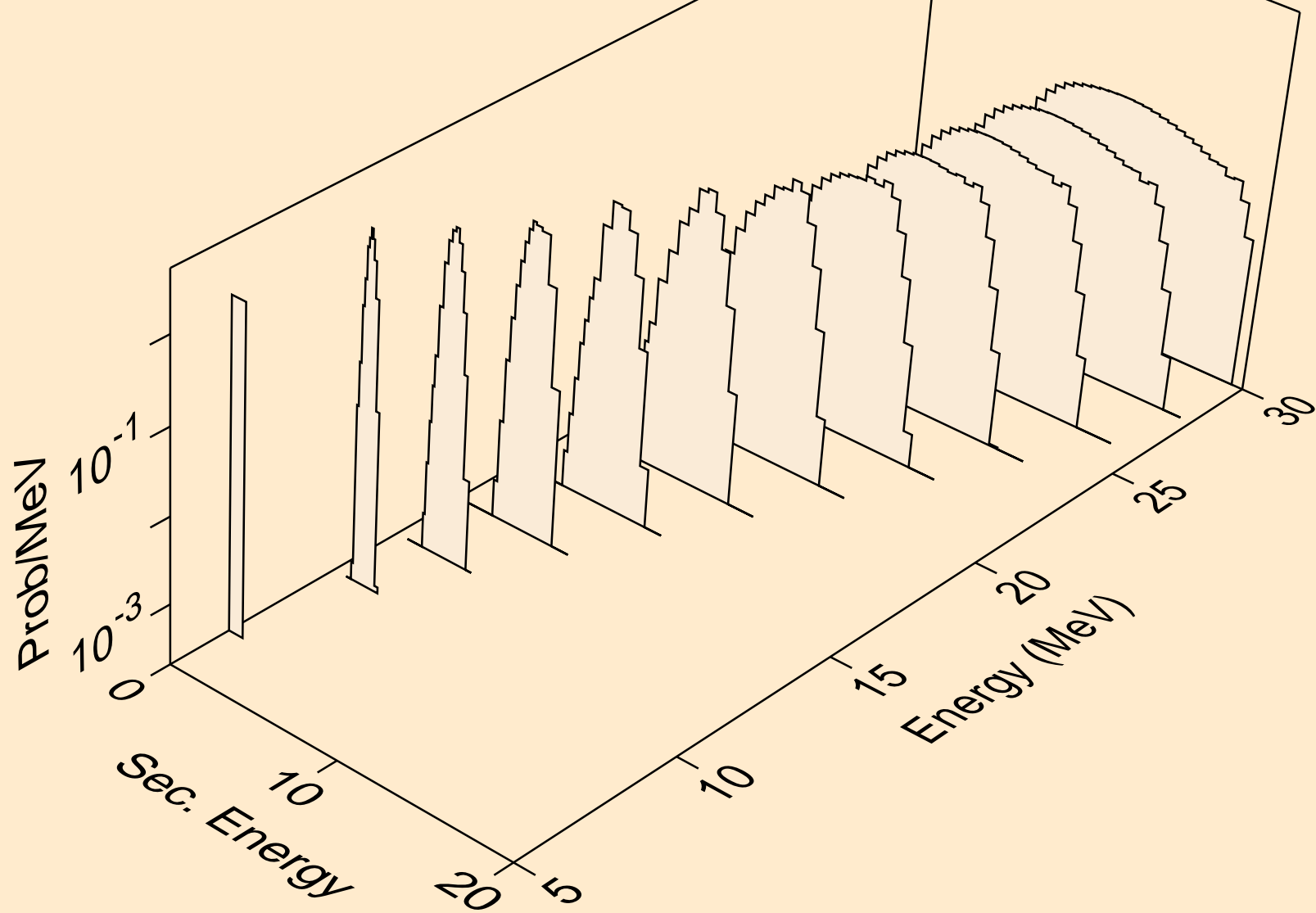
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



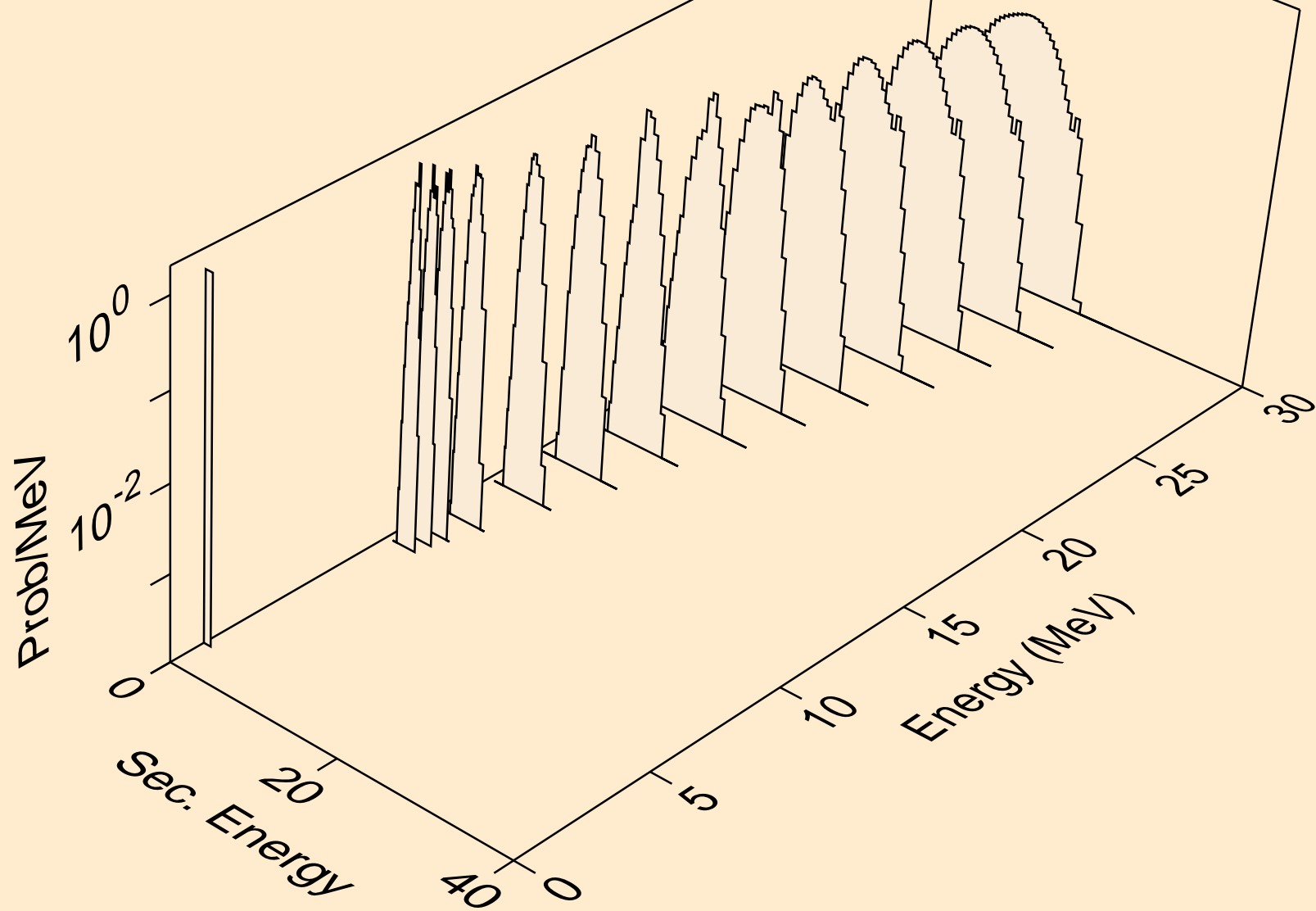
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d)



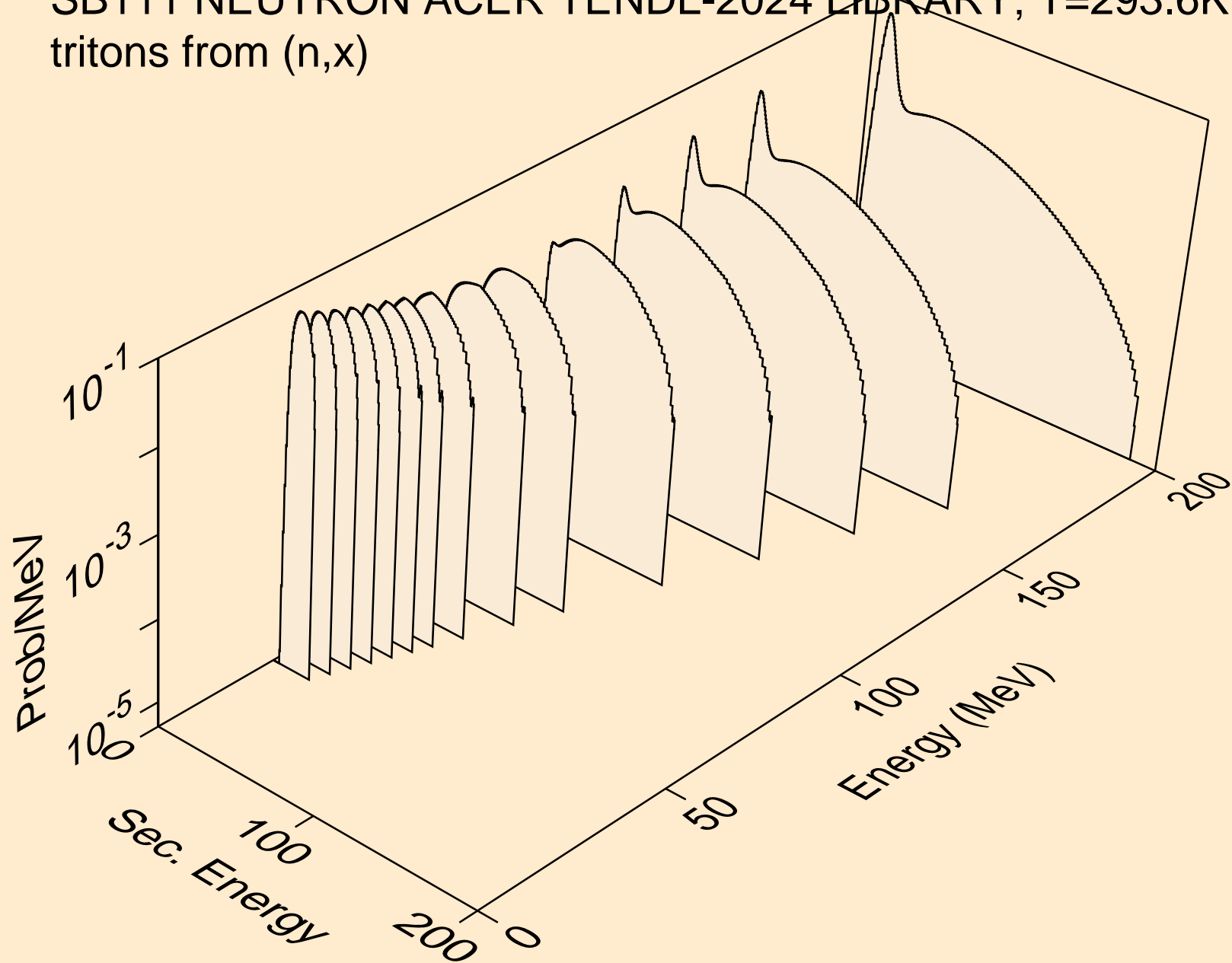
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deuterons from (n,pd)



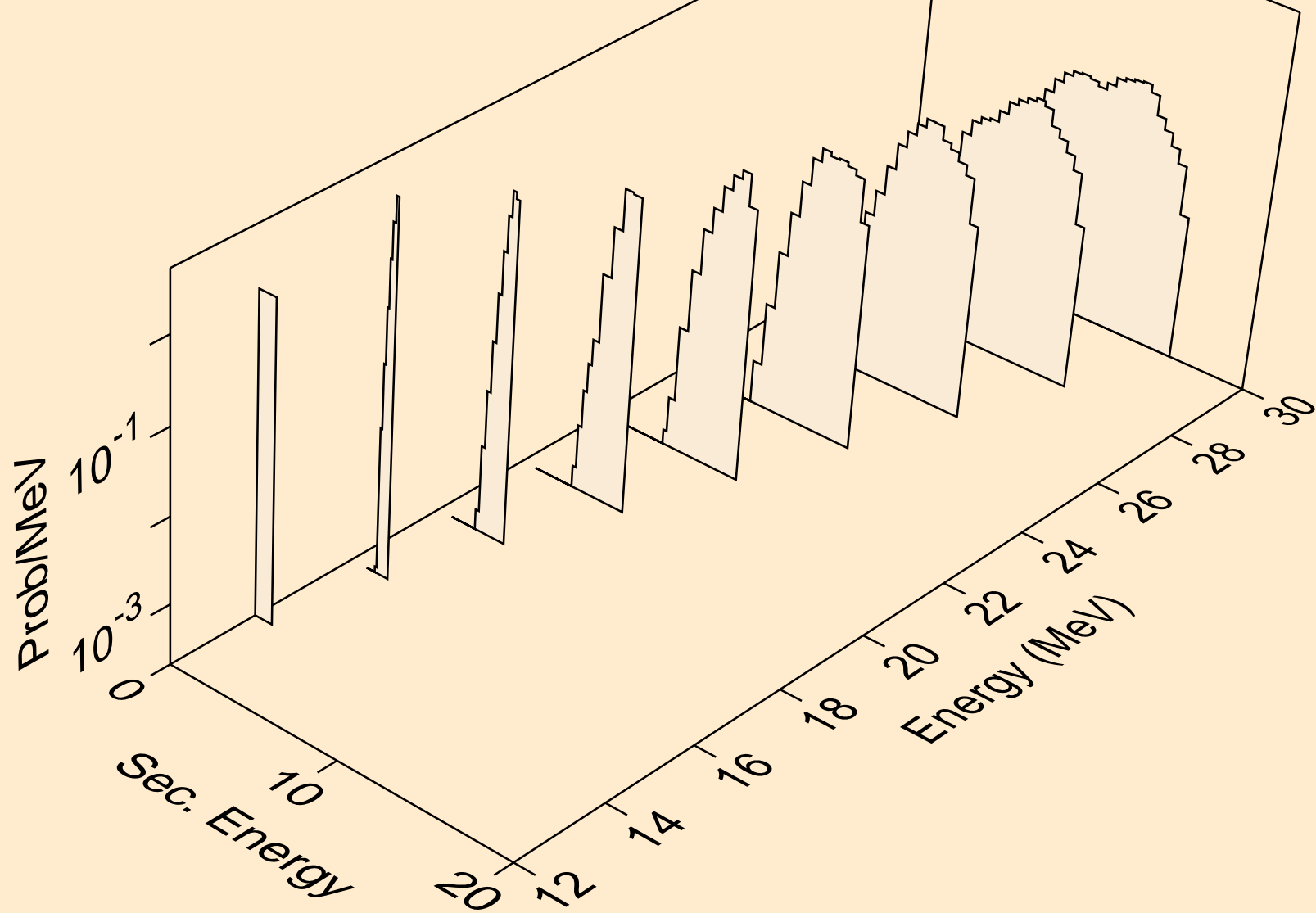
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deuterons from (n,da)



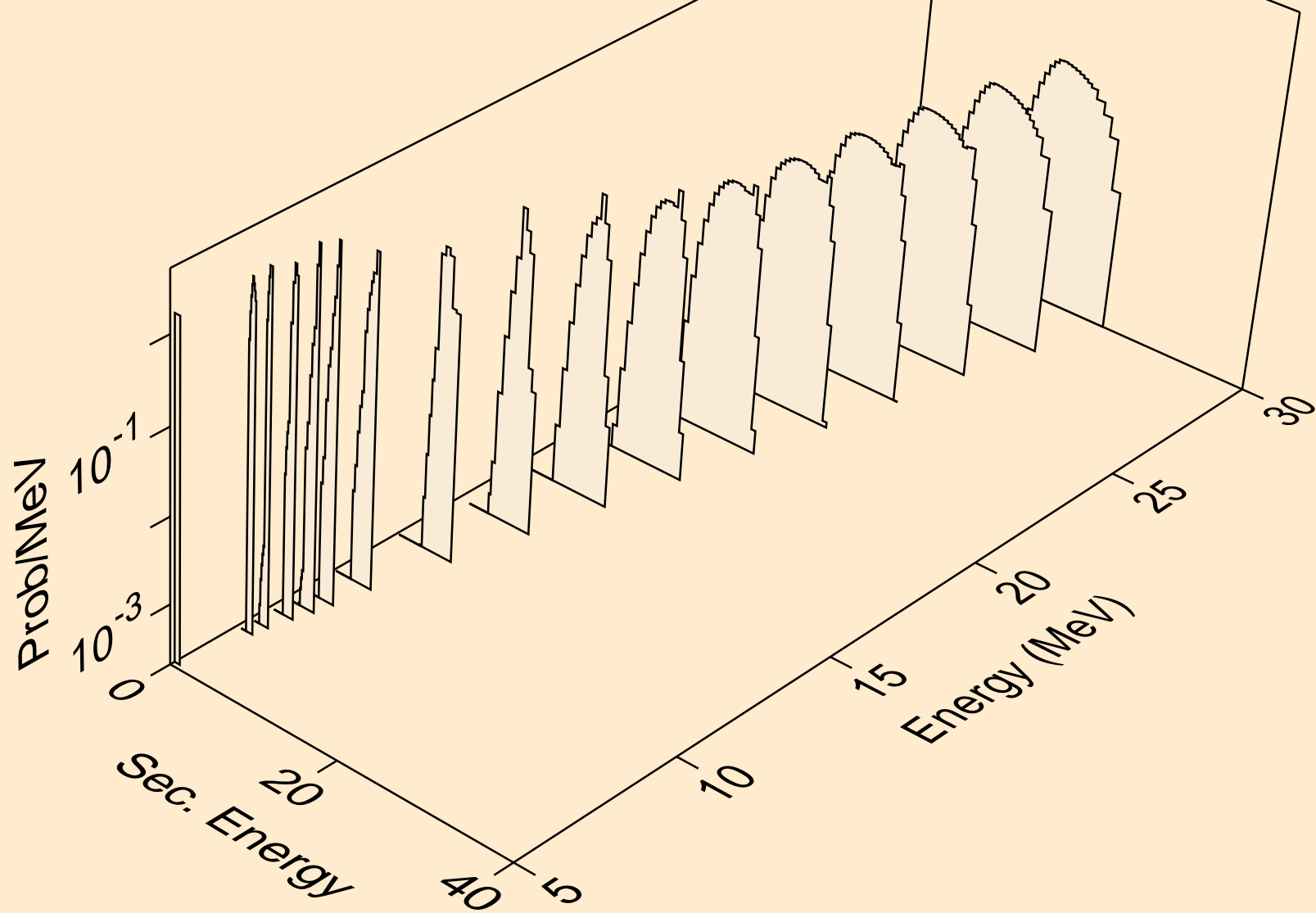
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



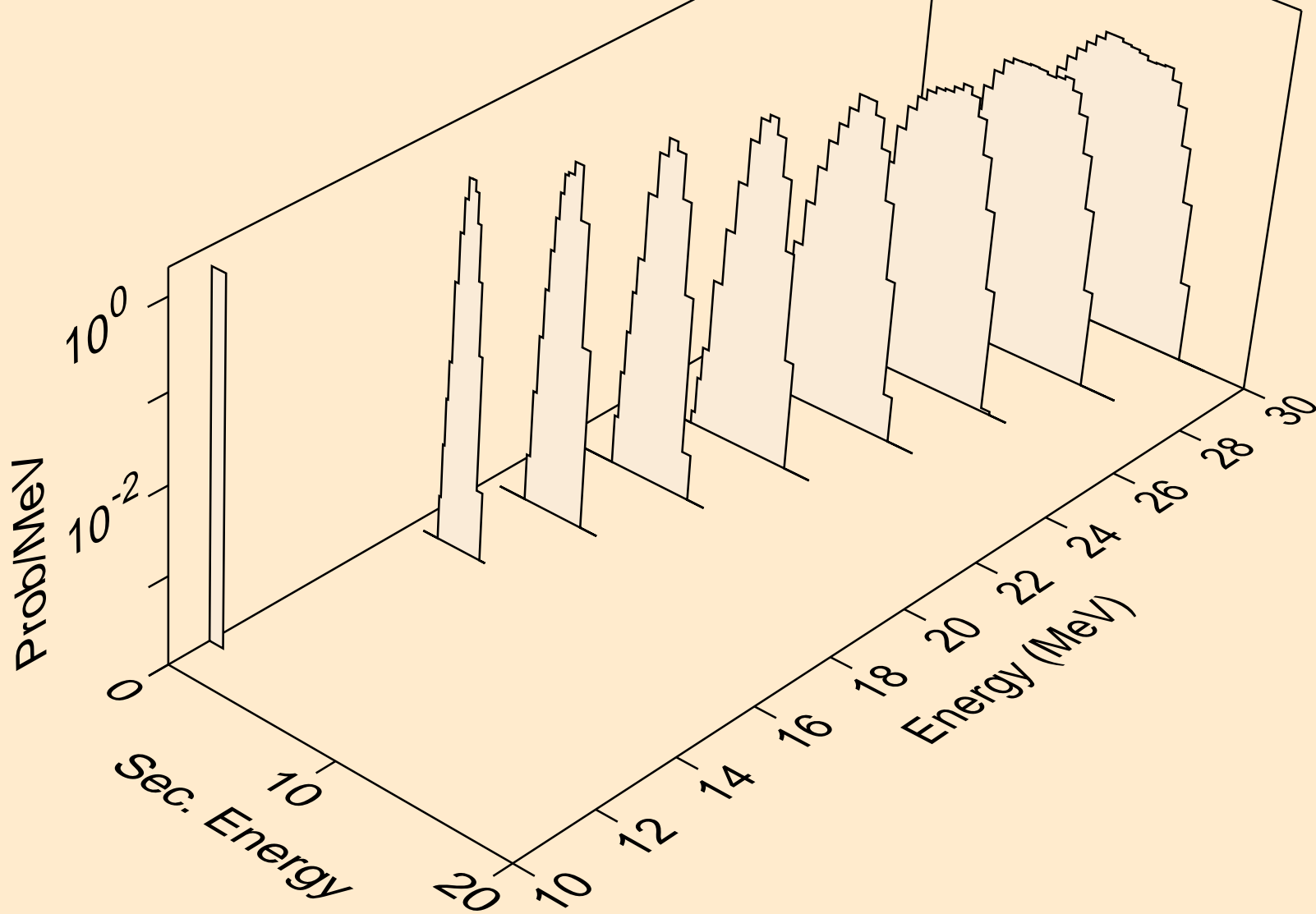
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



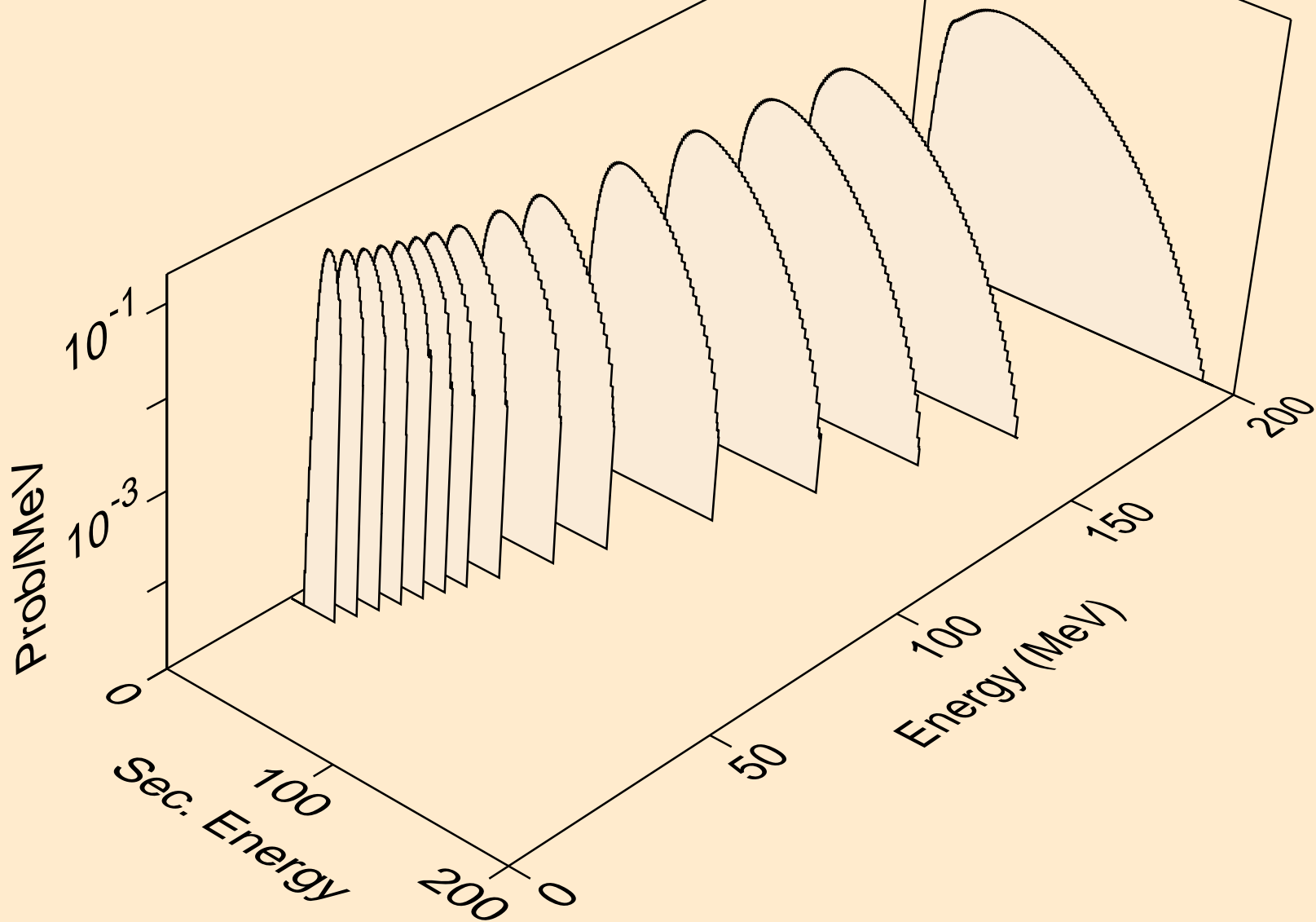
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



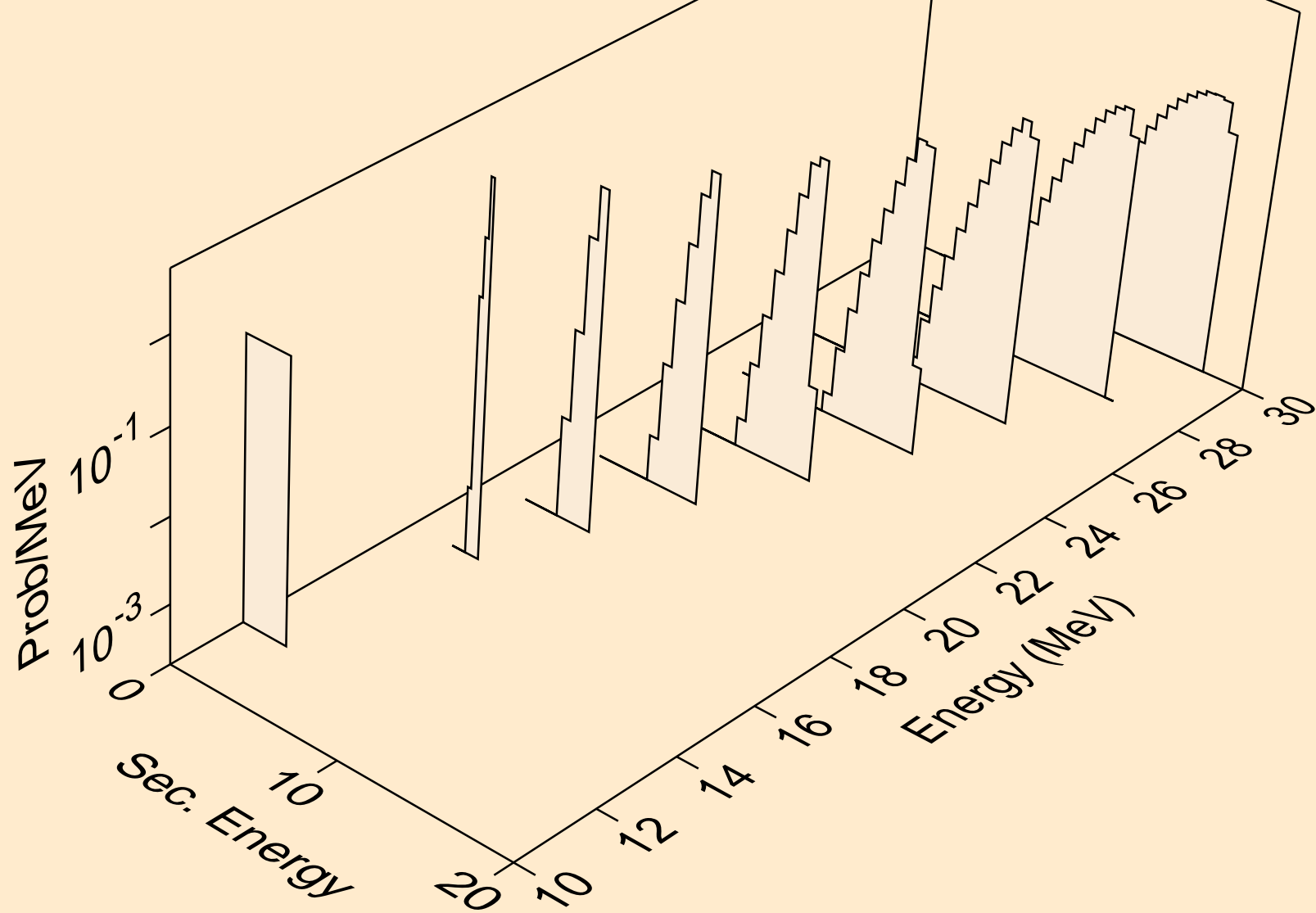
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



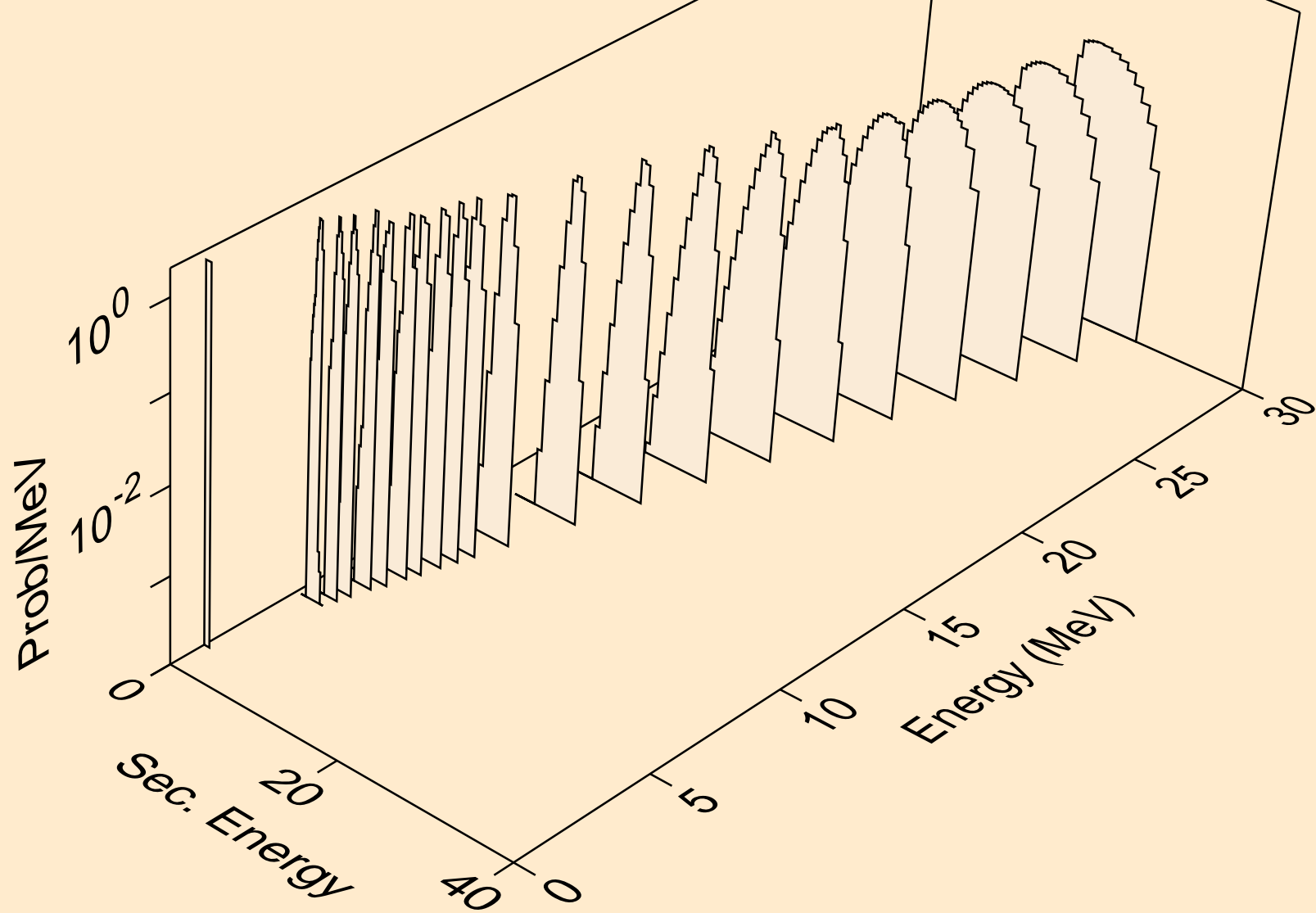
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



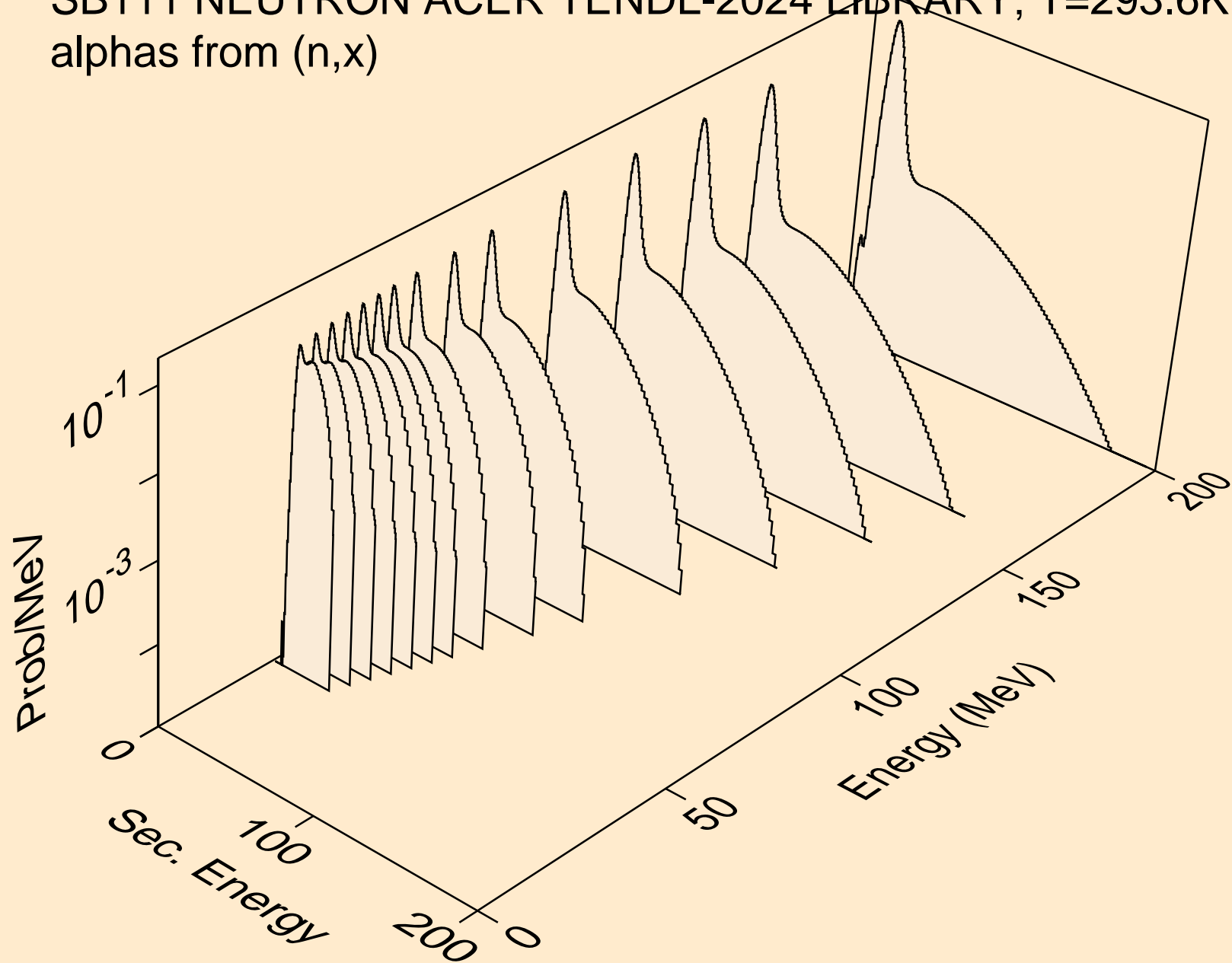
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



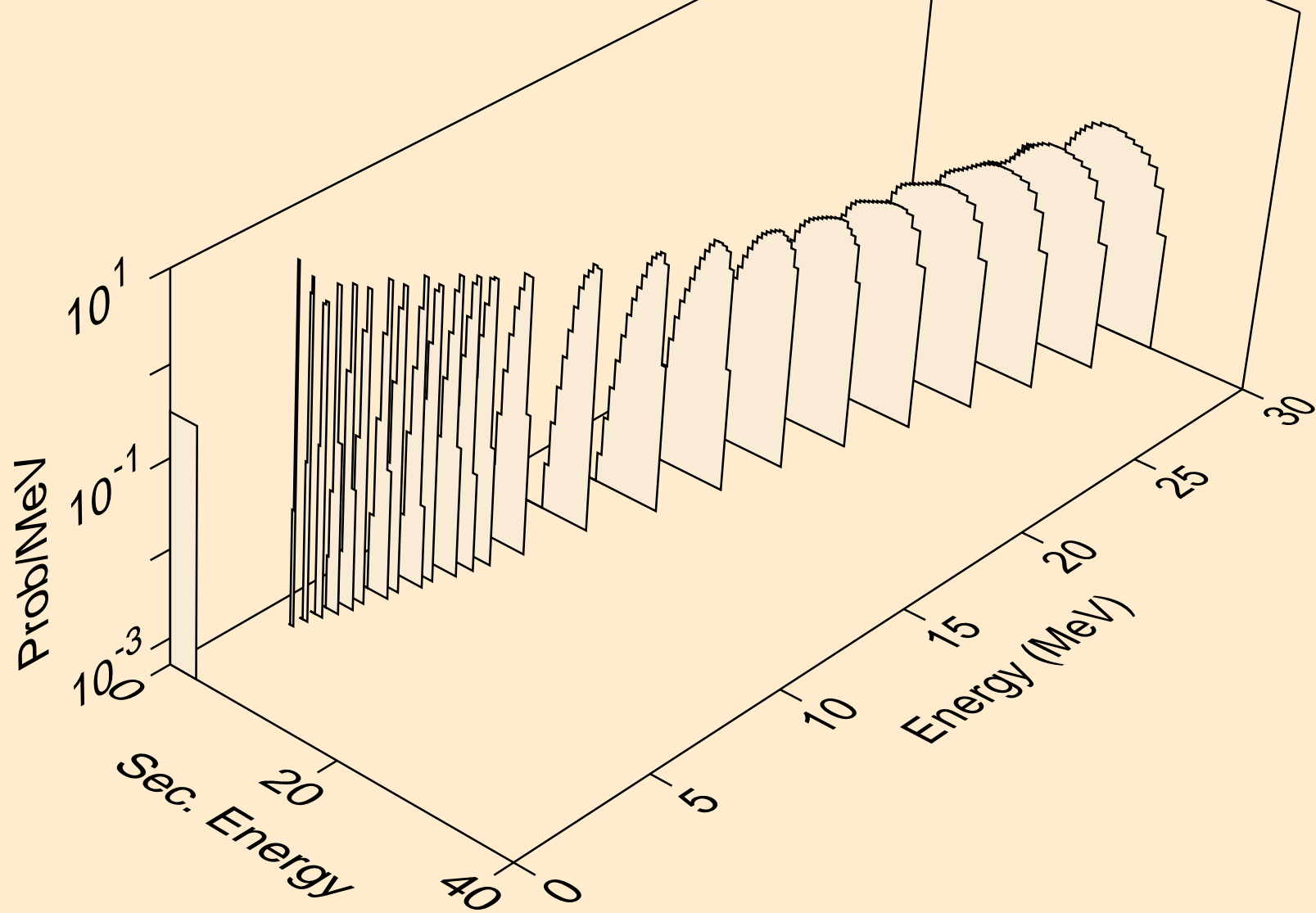
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



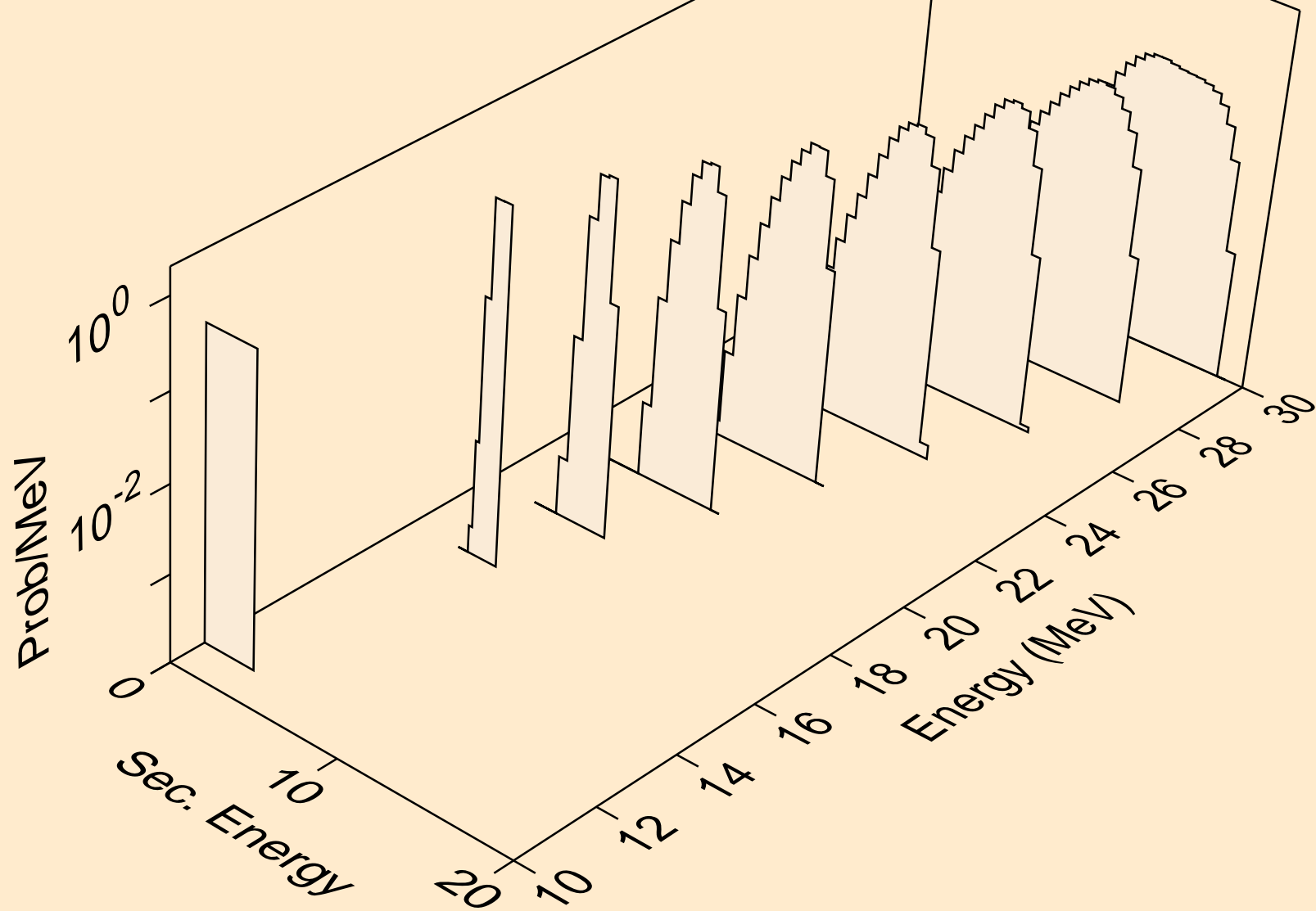
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



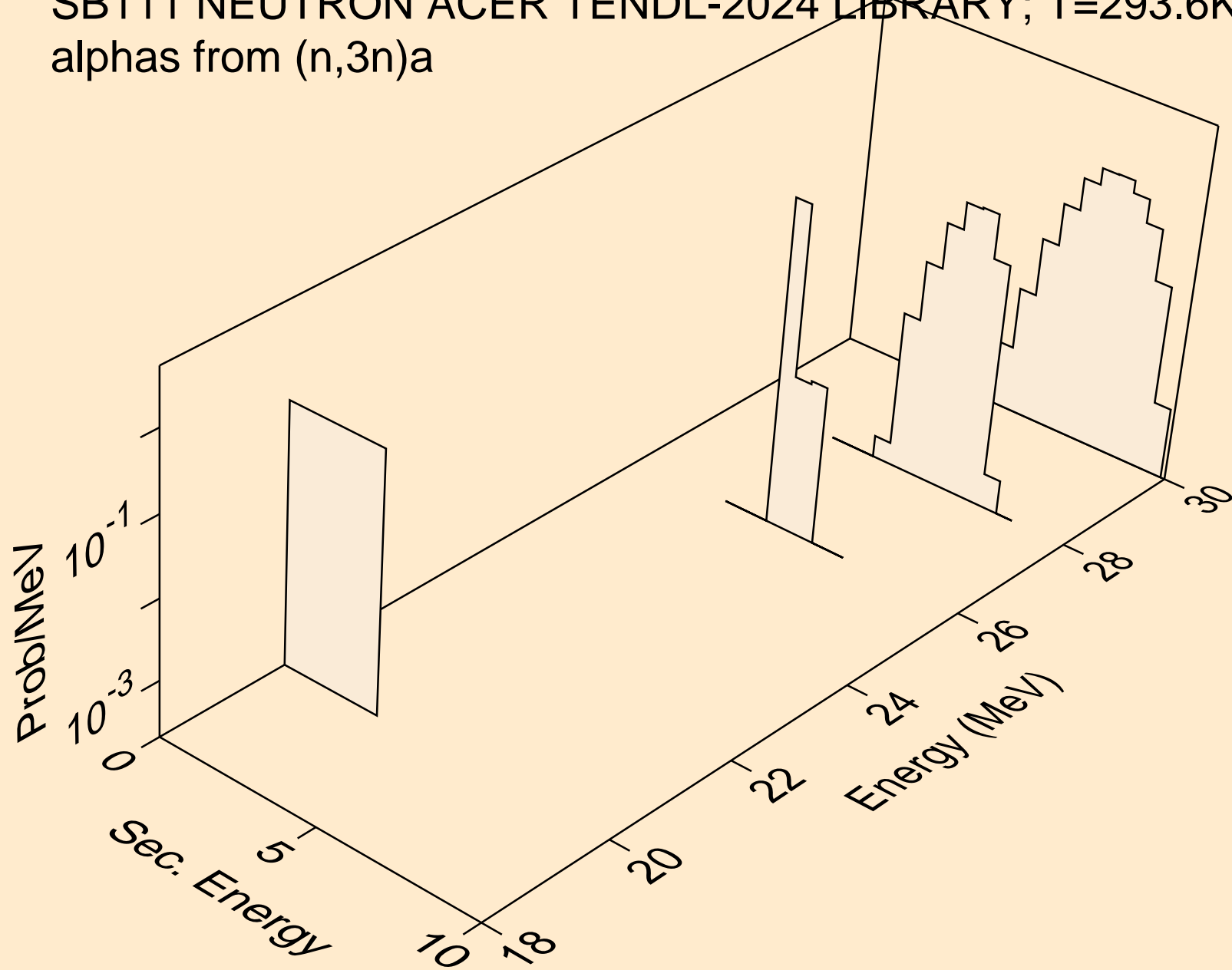
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



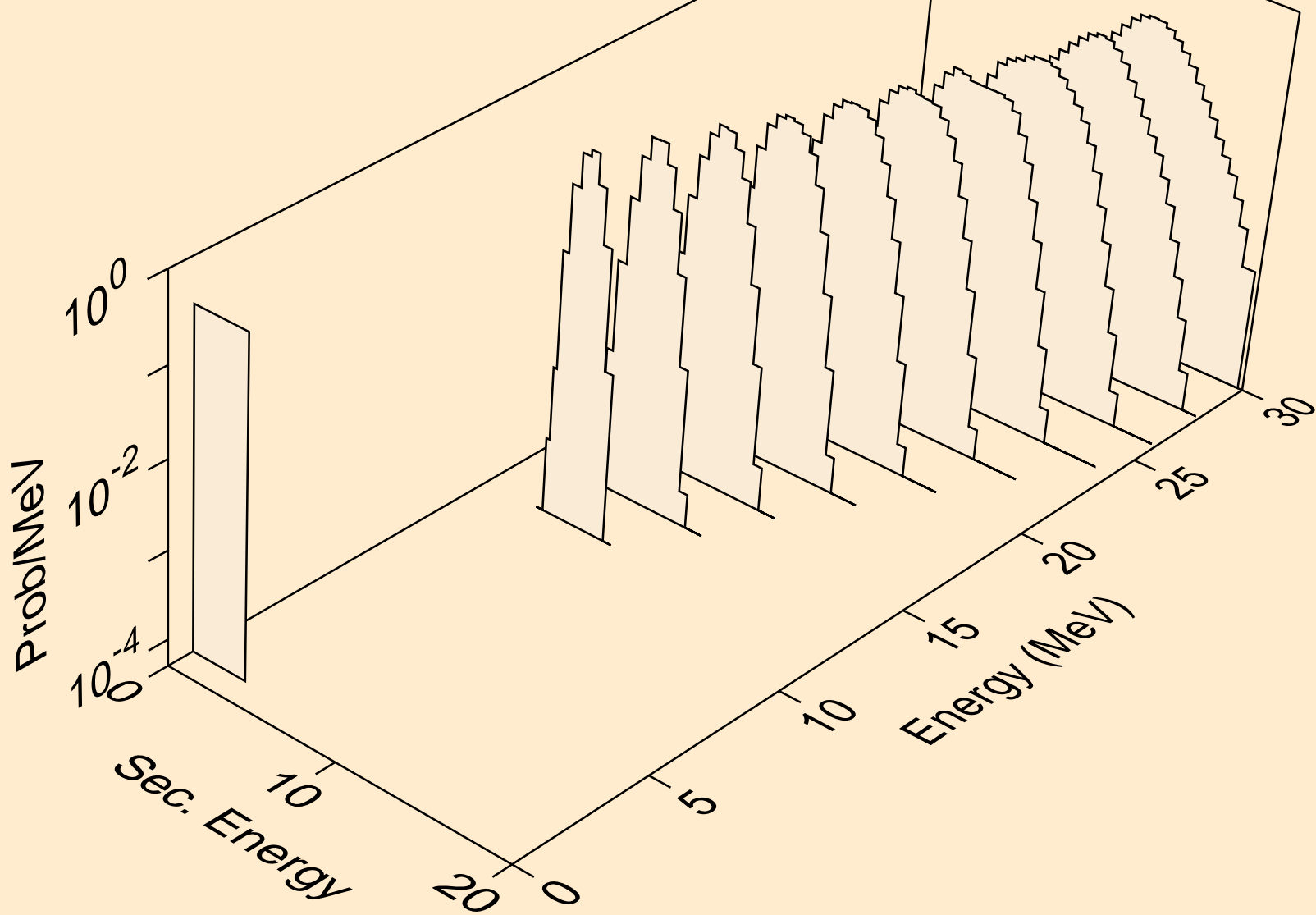
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



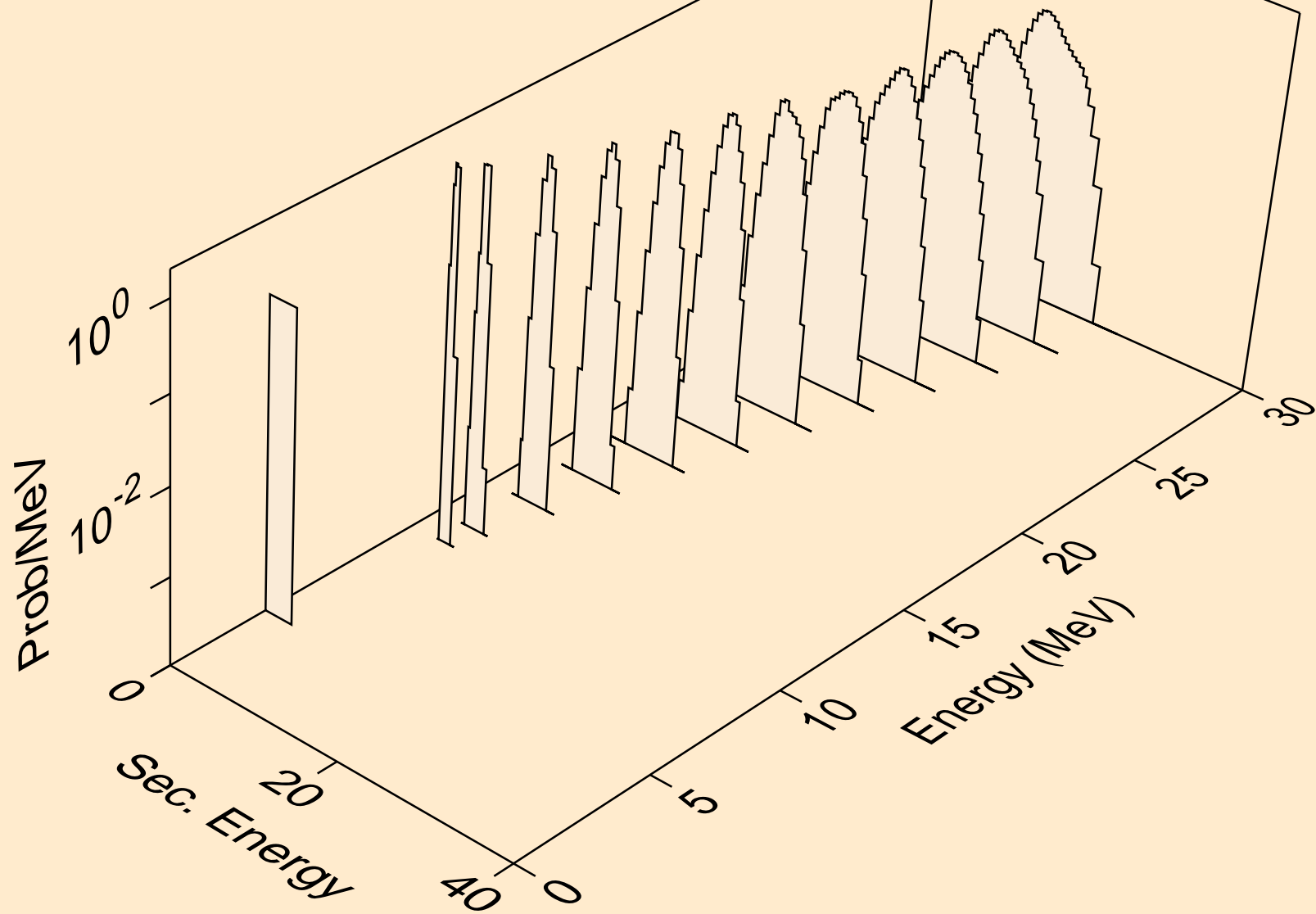
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



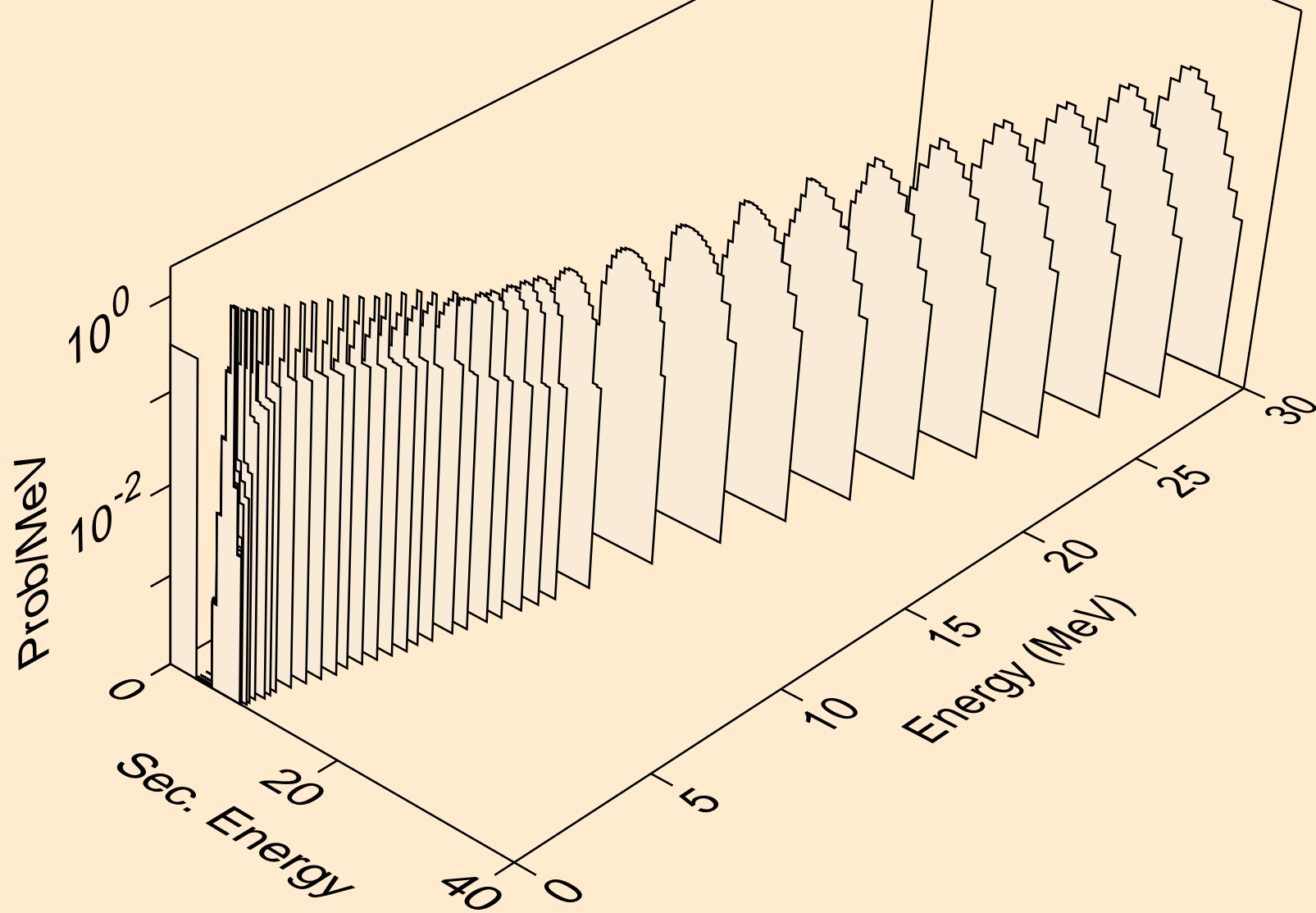
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



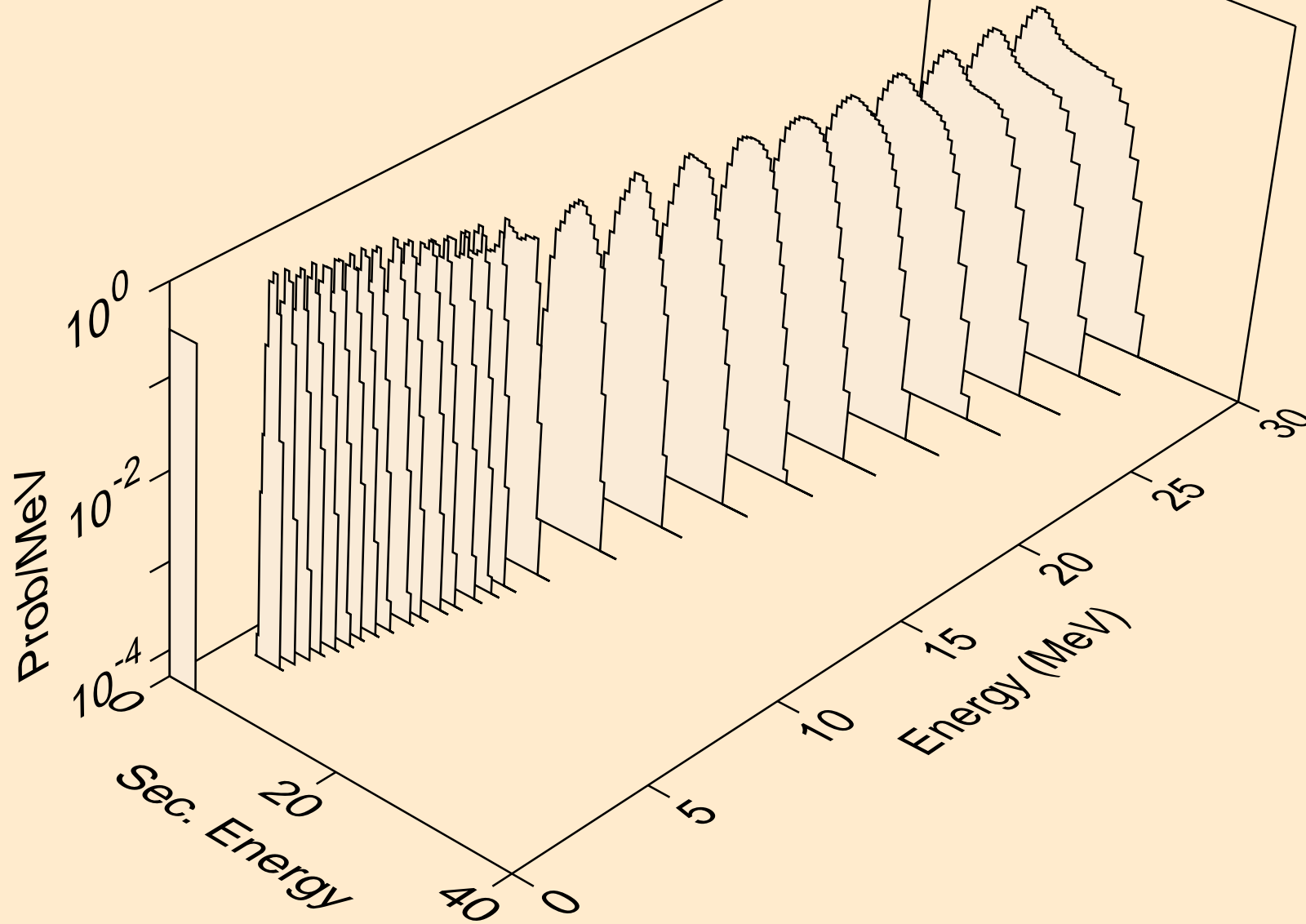
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



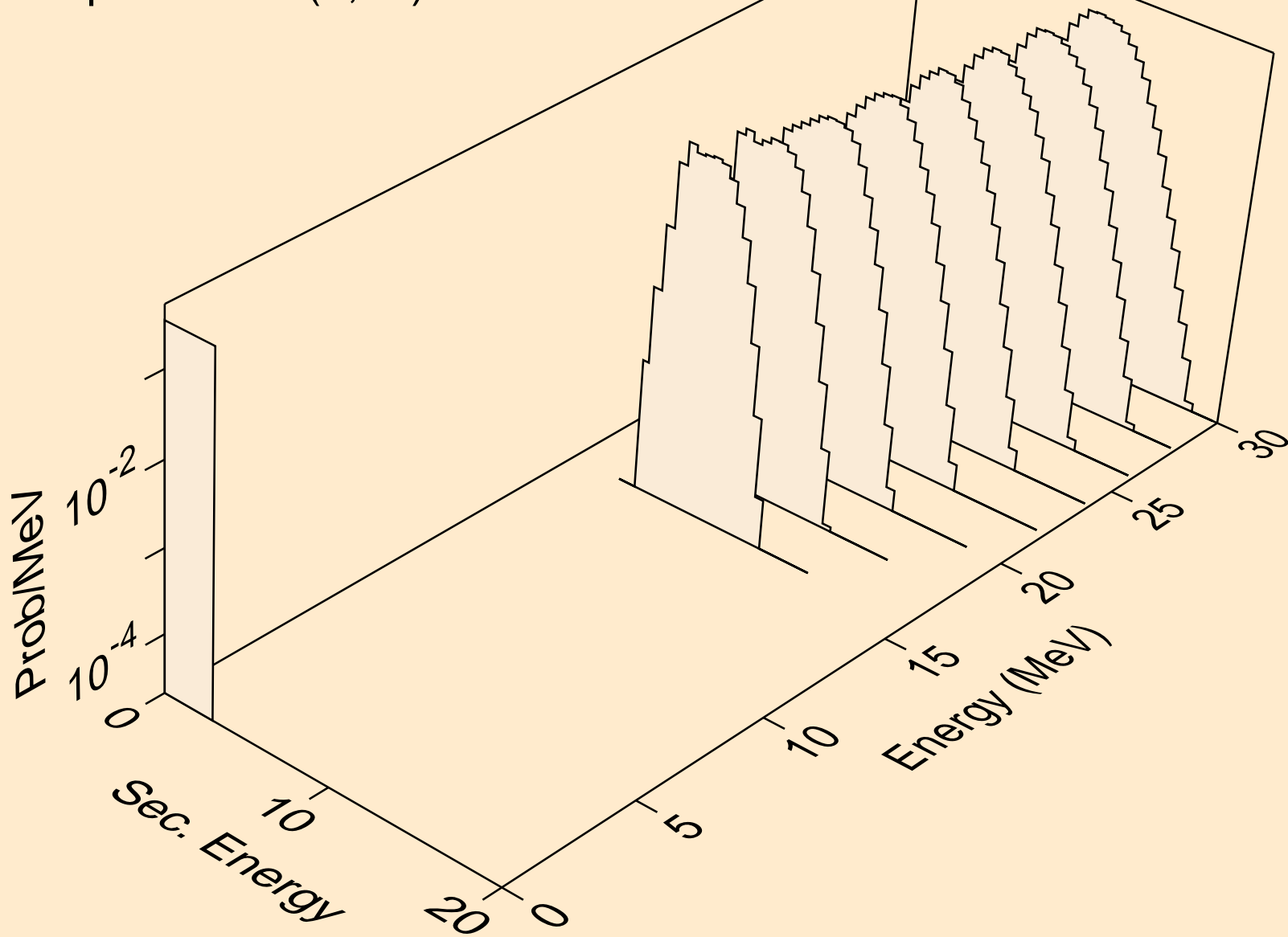
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



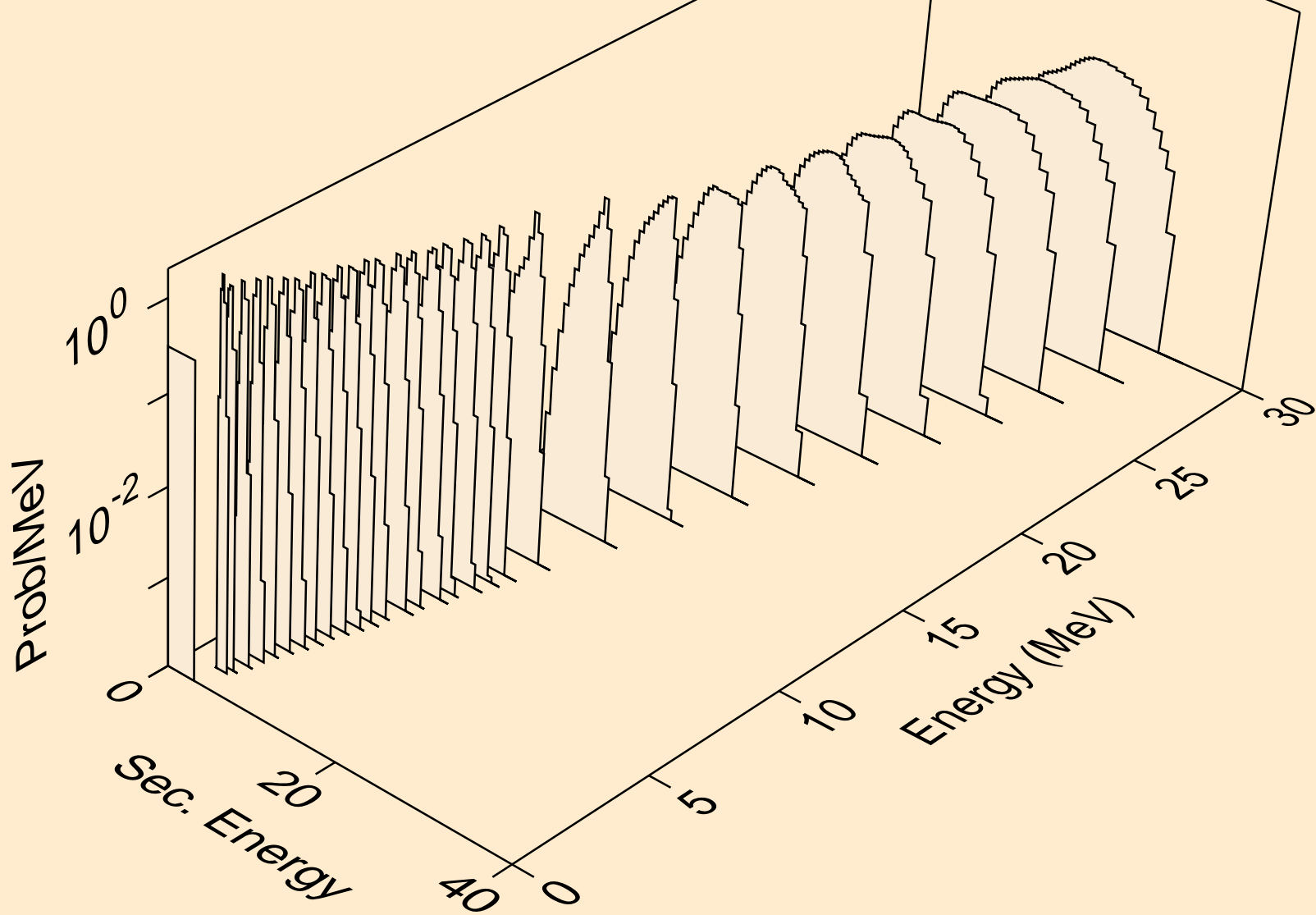
SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3a)



SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



SB111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

