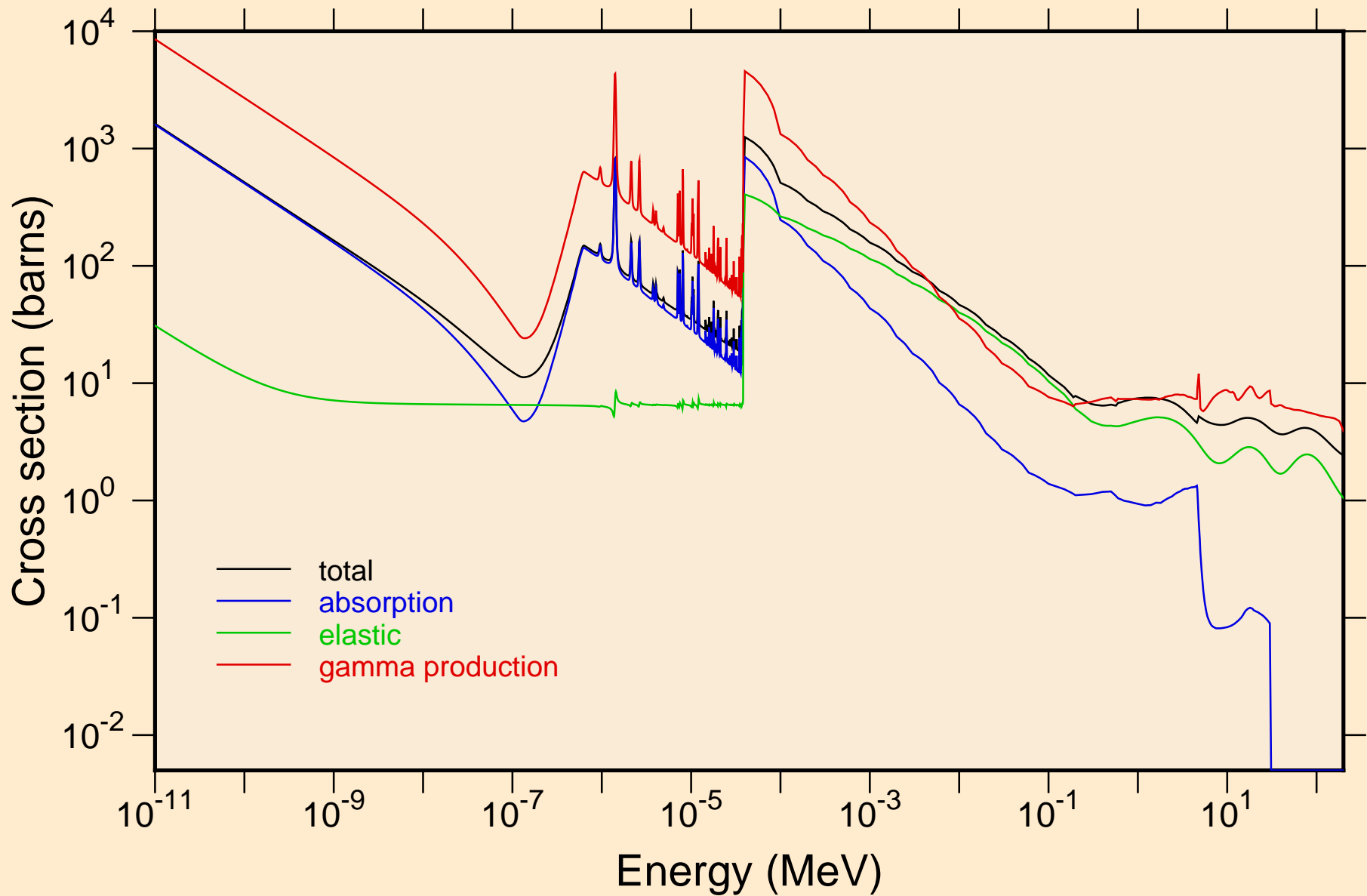
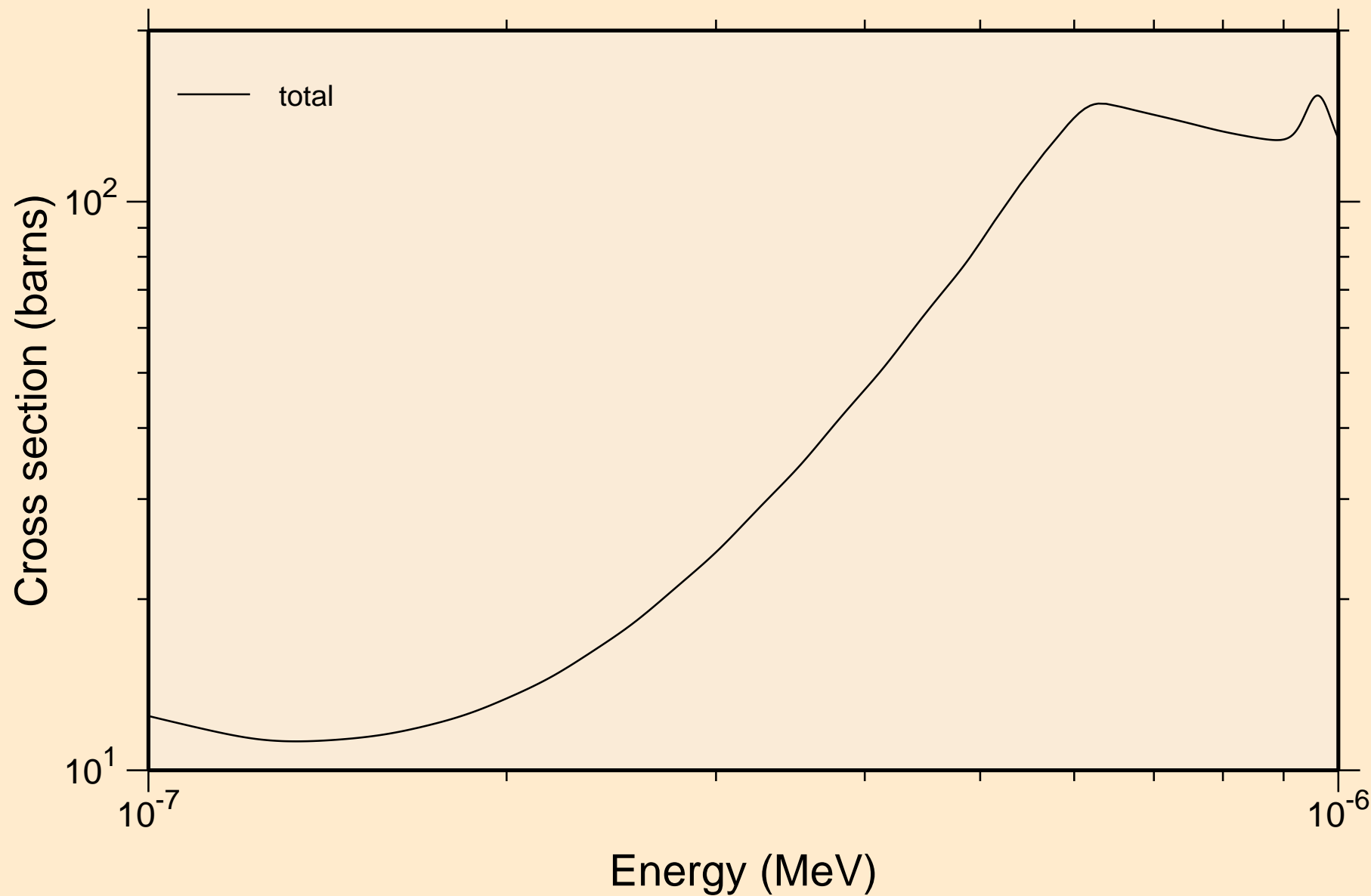


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

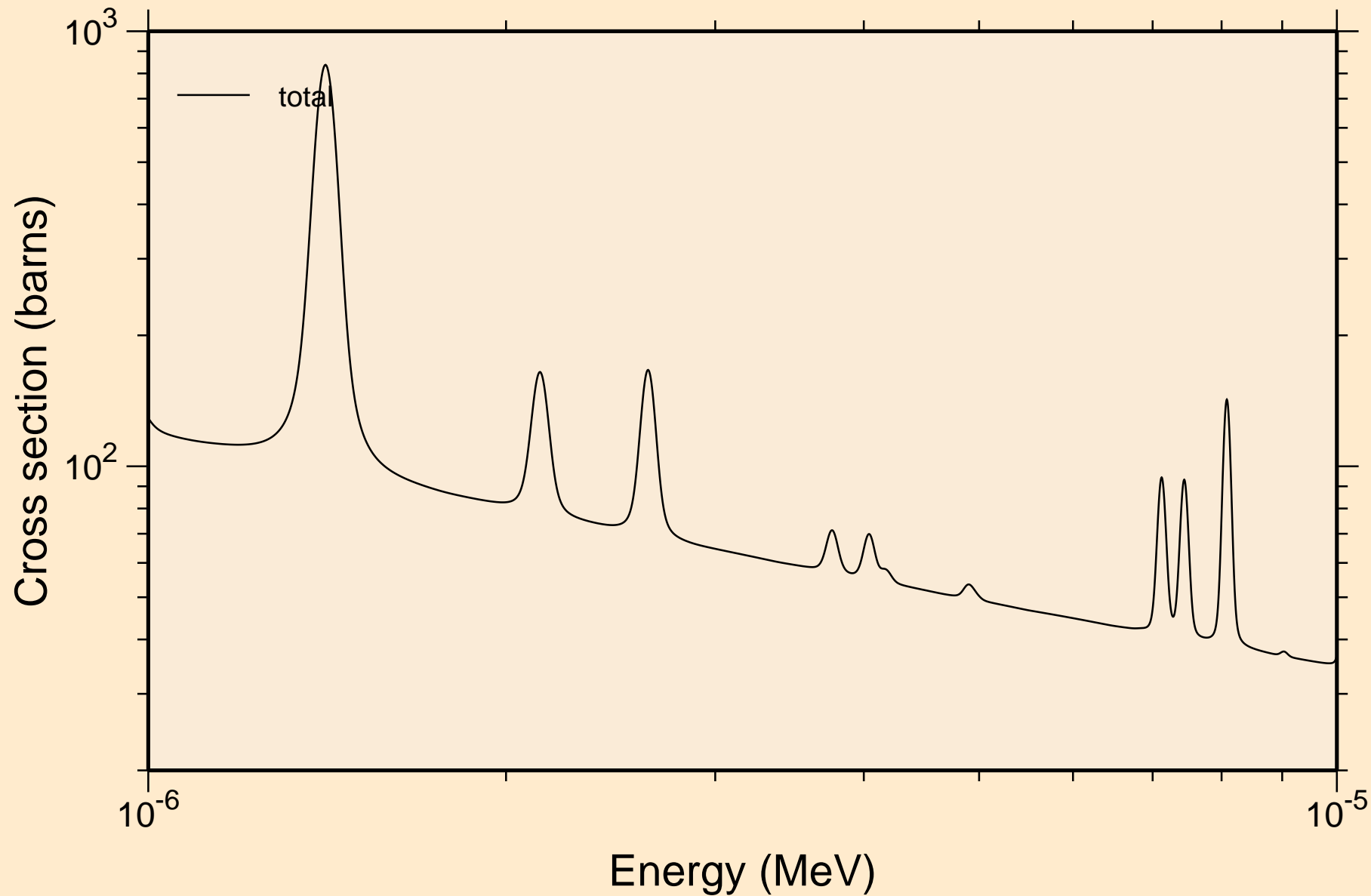
Principal cross sections



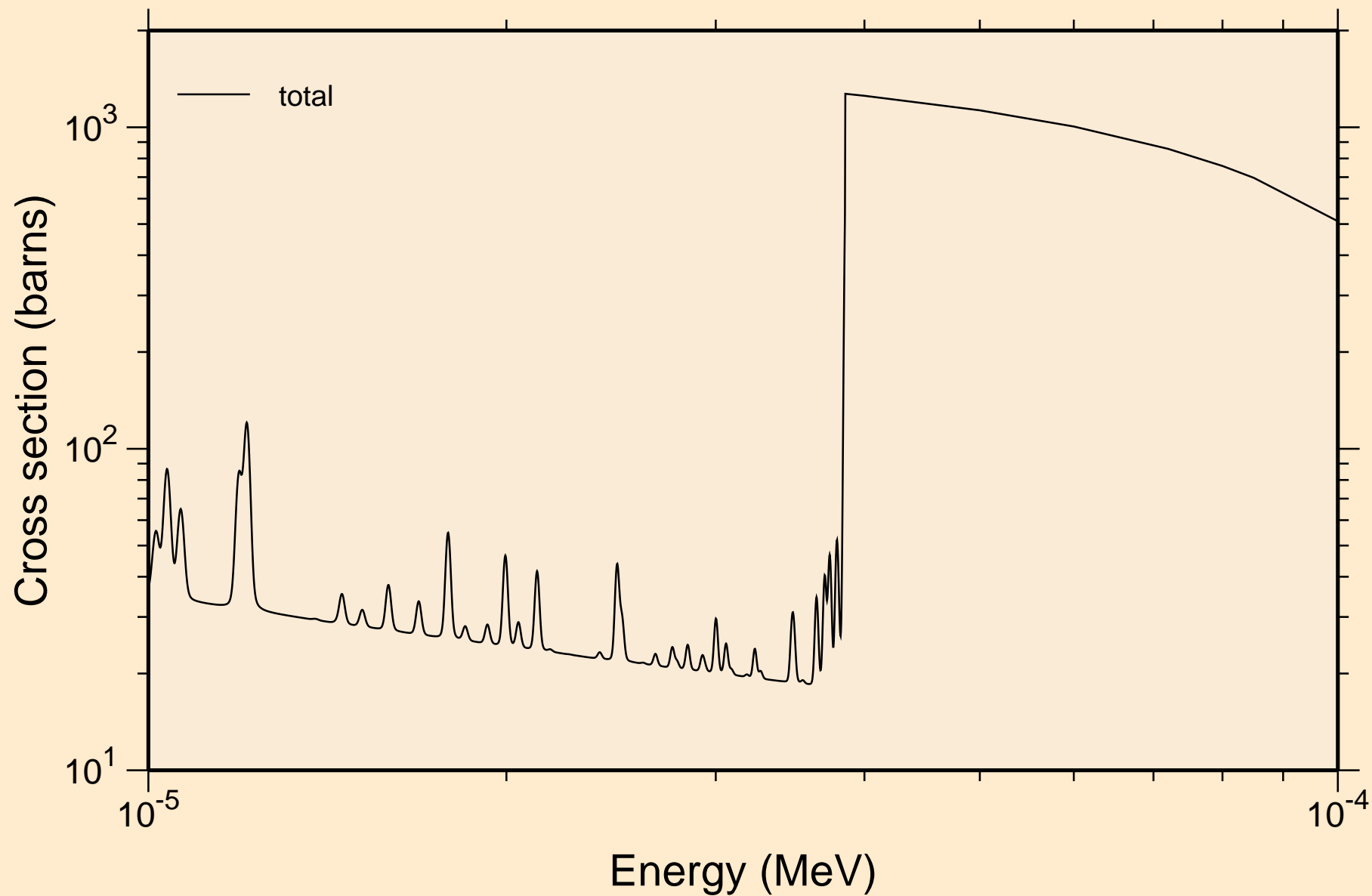
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resonance total cross section



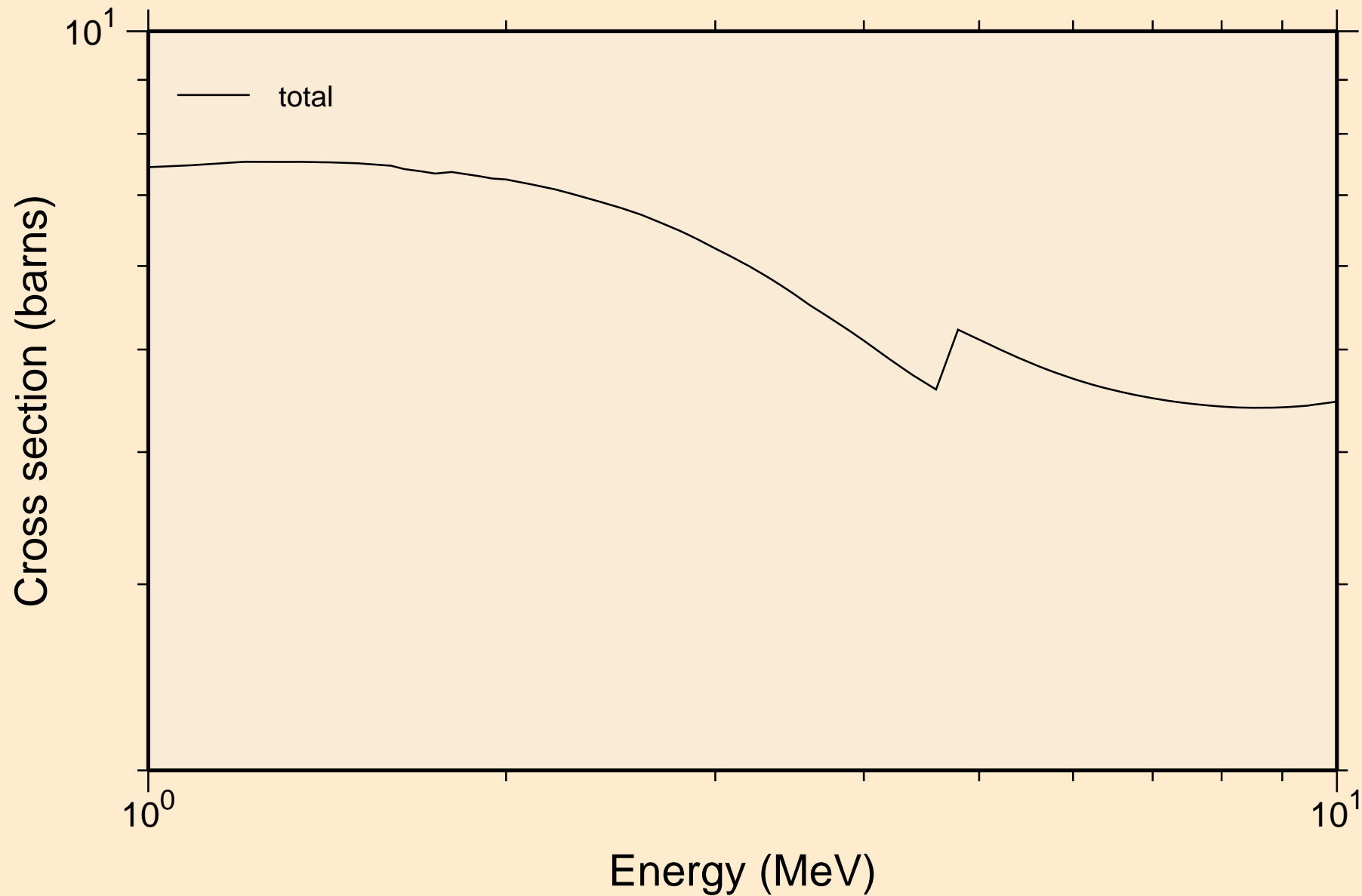
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resonance total cross section



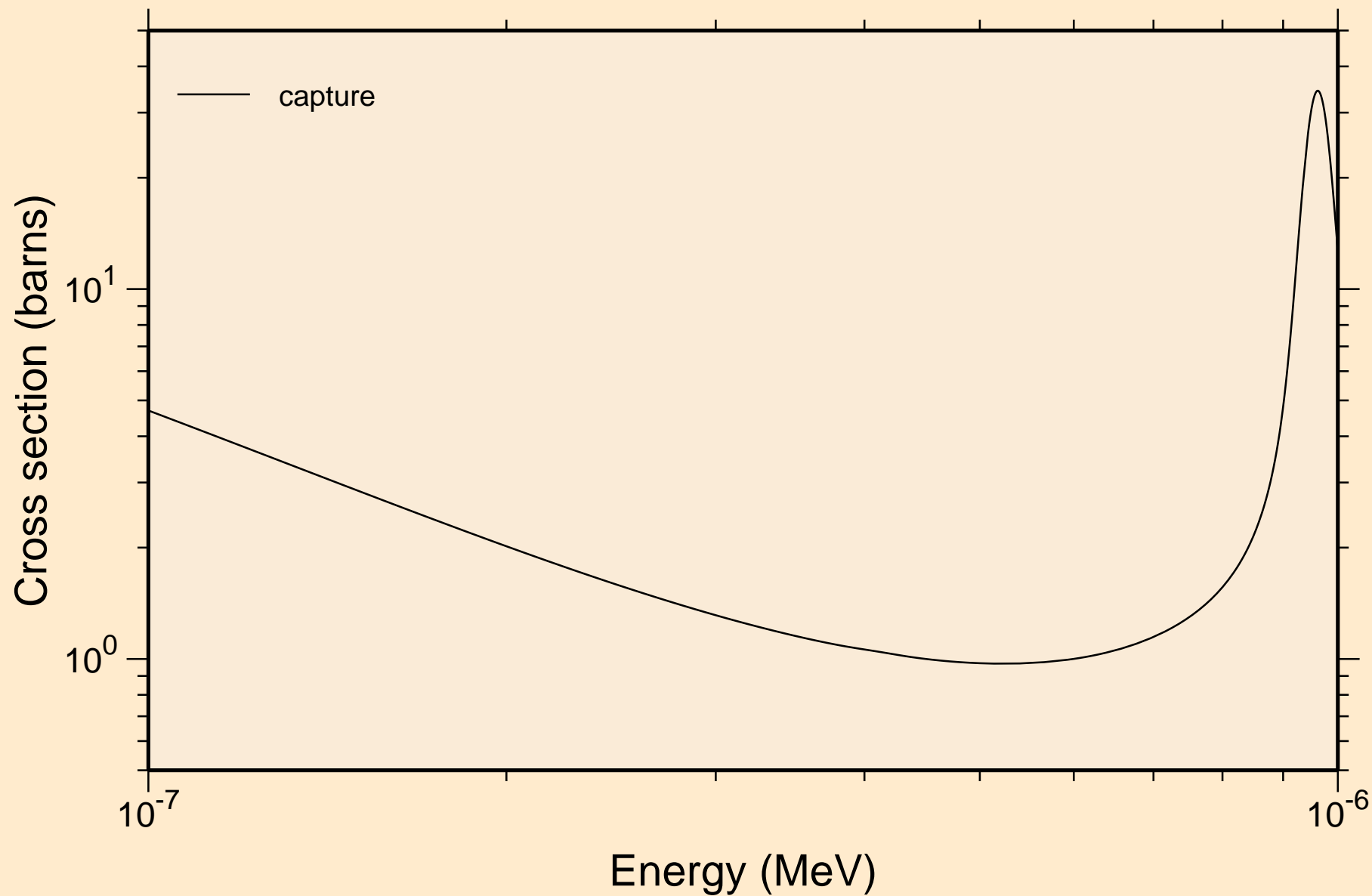
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



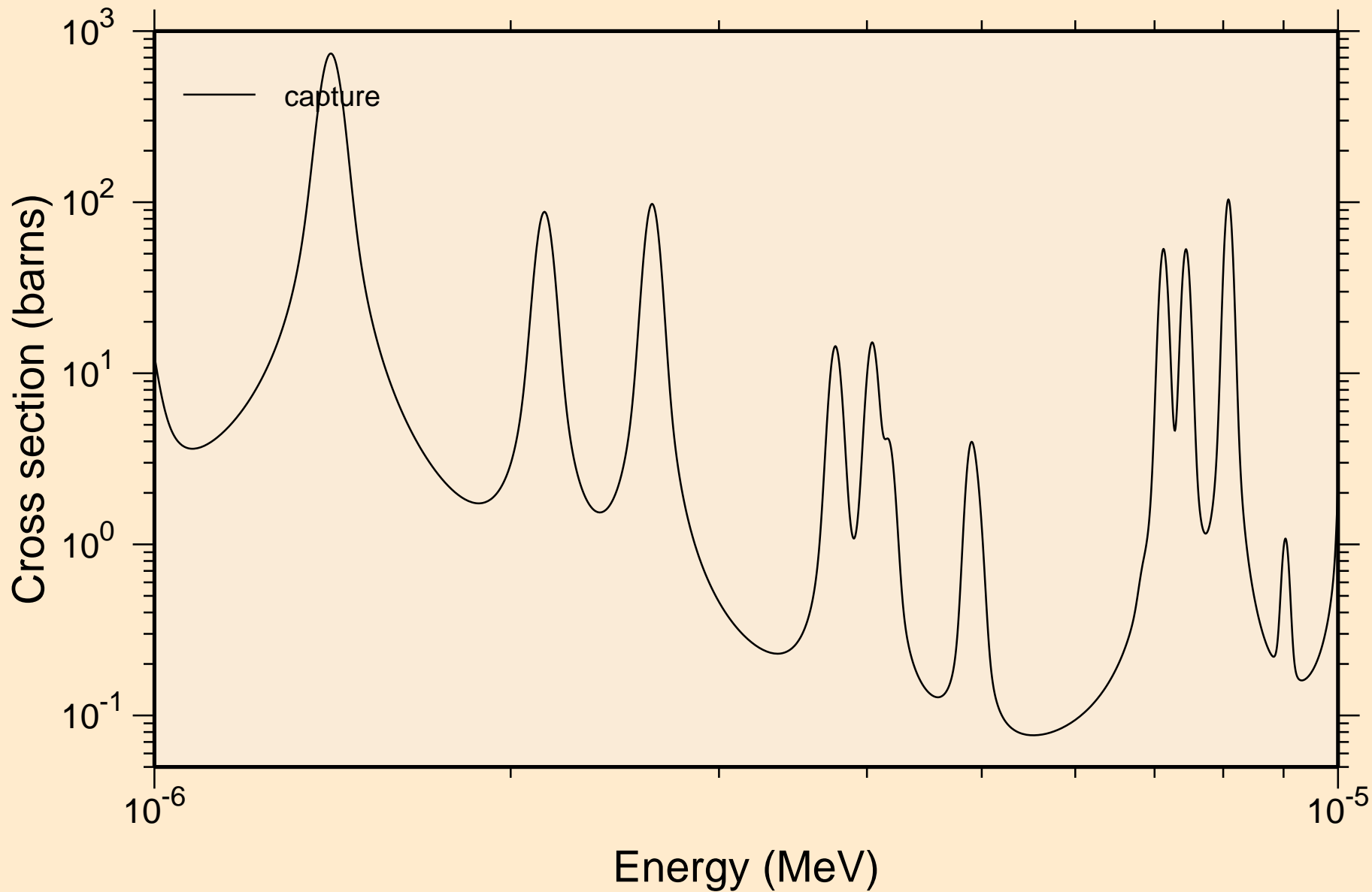
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resonance total cross section



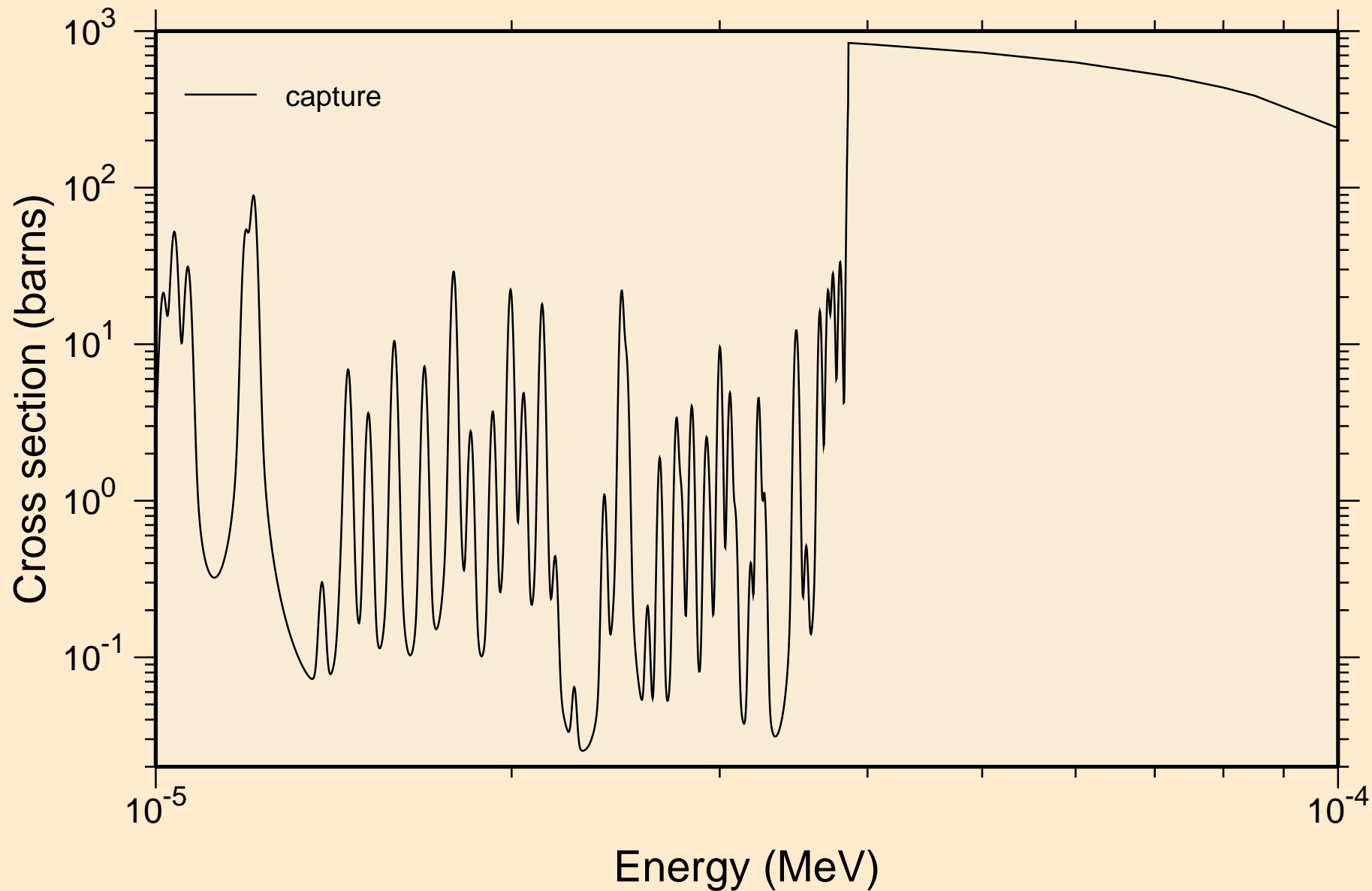
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resonance absorption cross sections



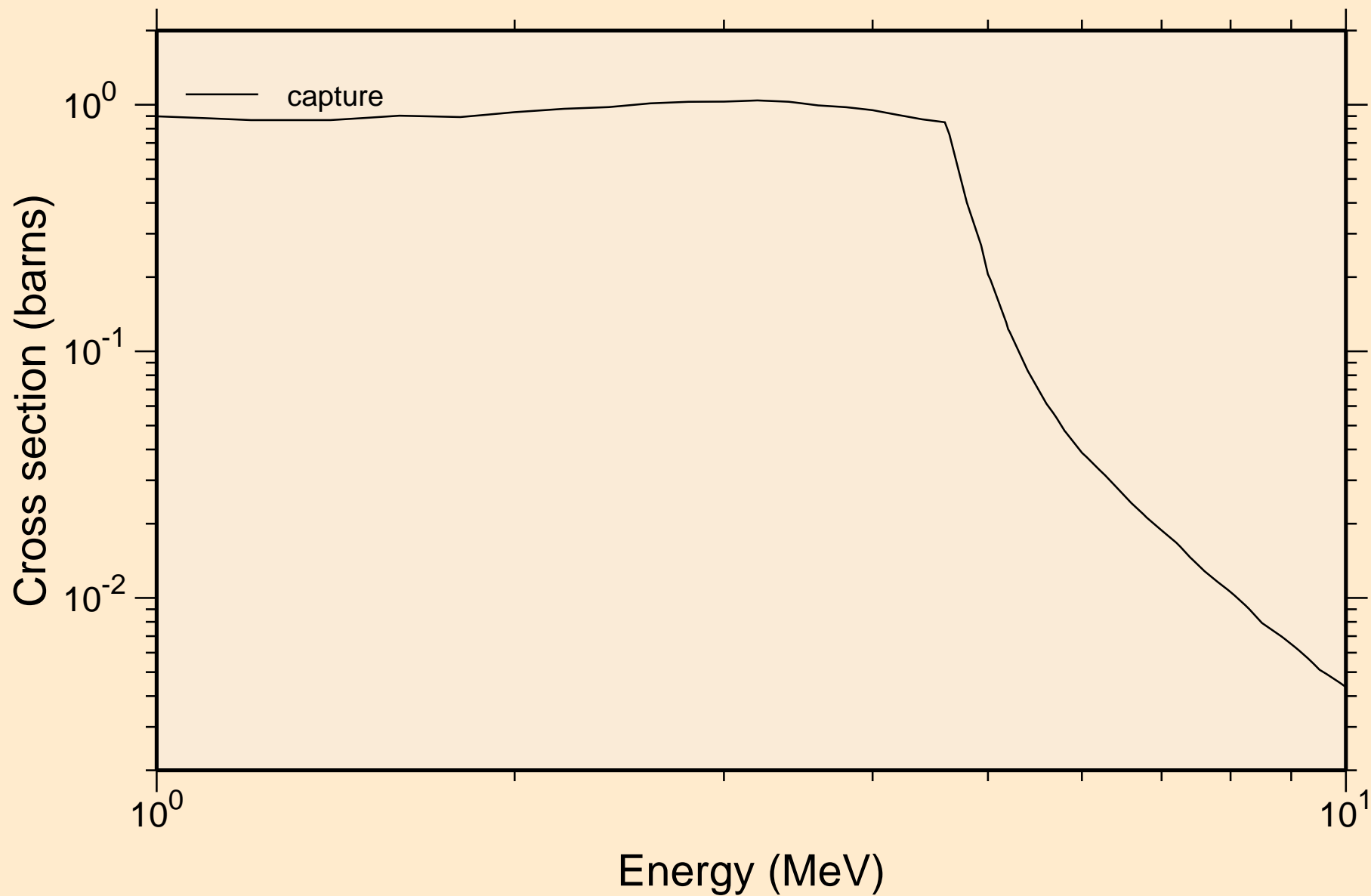
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resonance absorption cross sections



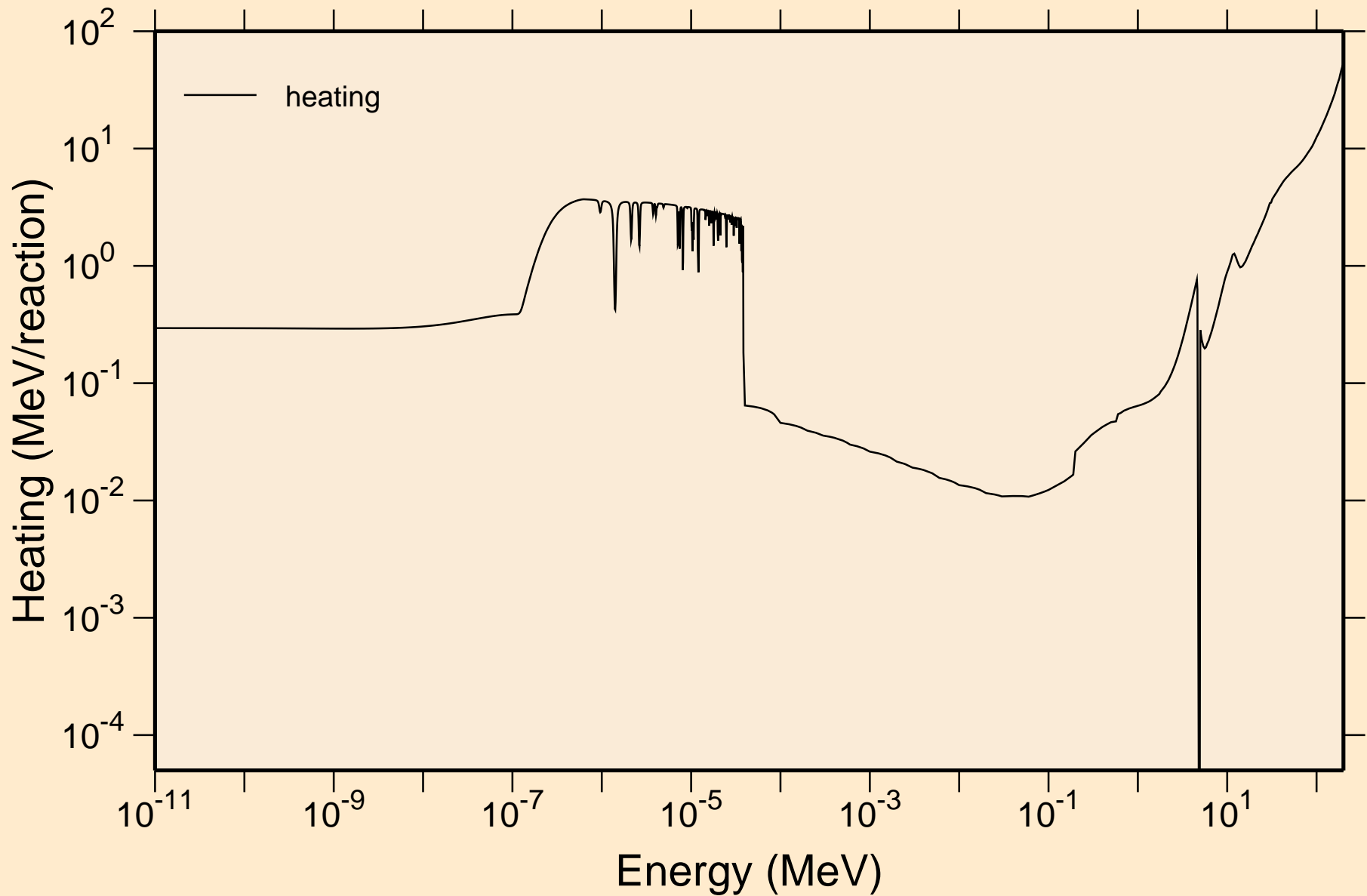
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resonance absorption cross sections



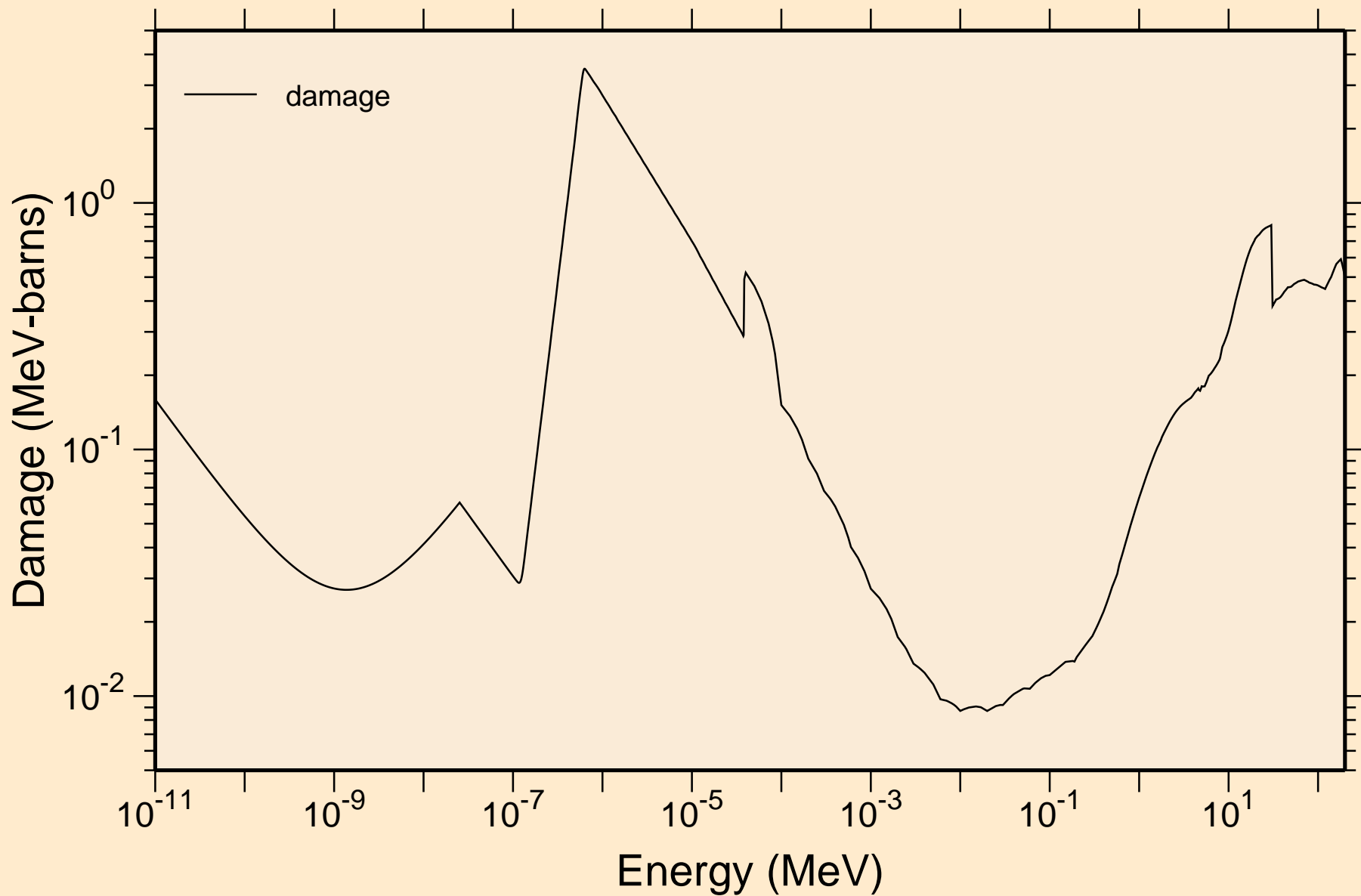
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resonance absorption cross sections



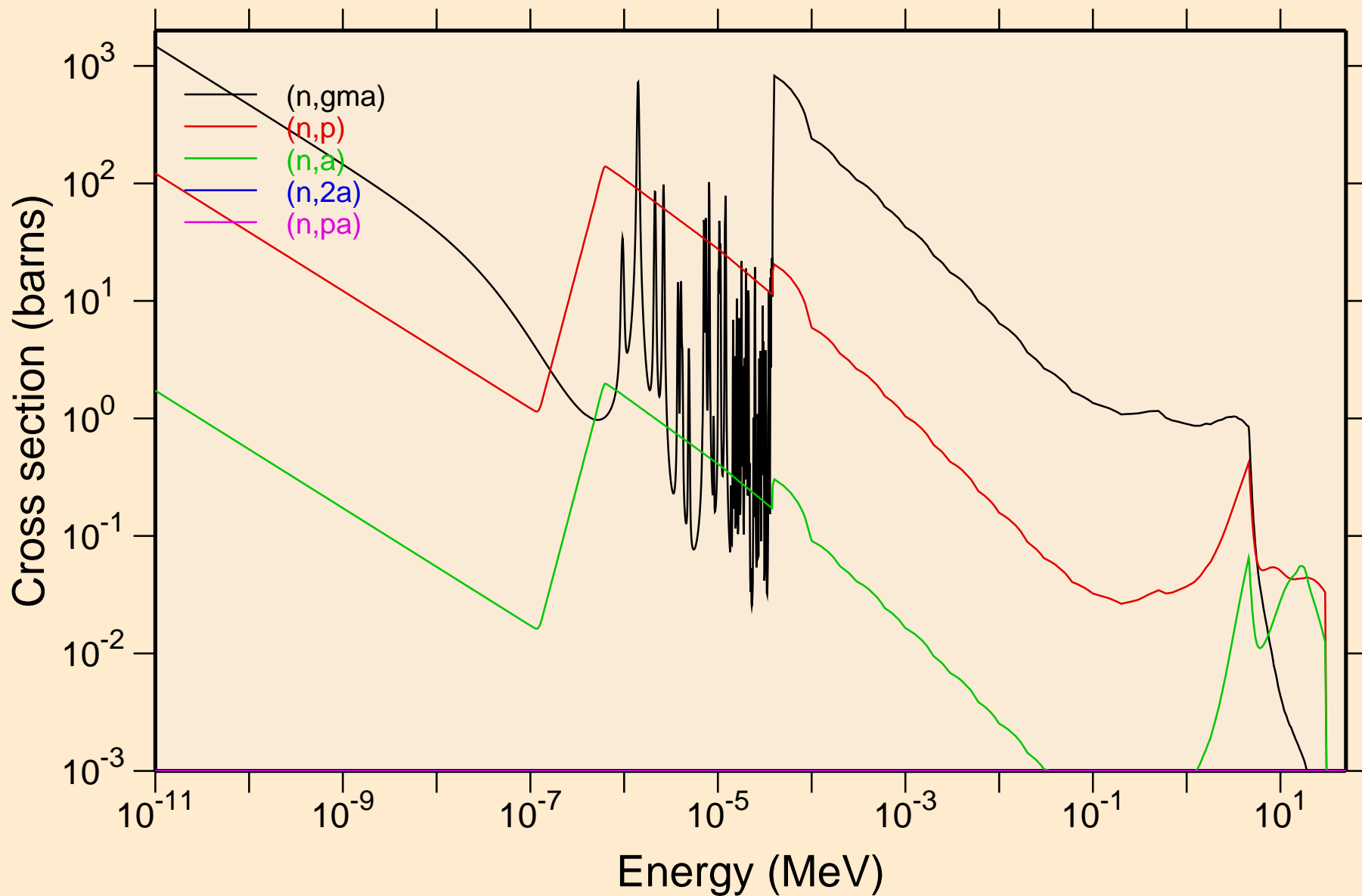
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



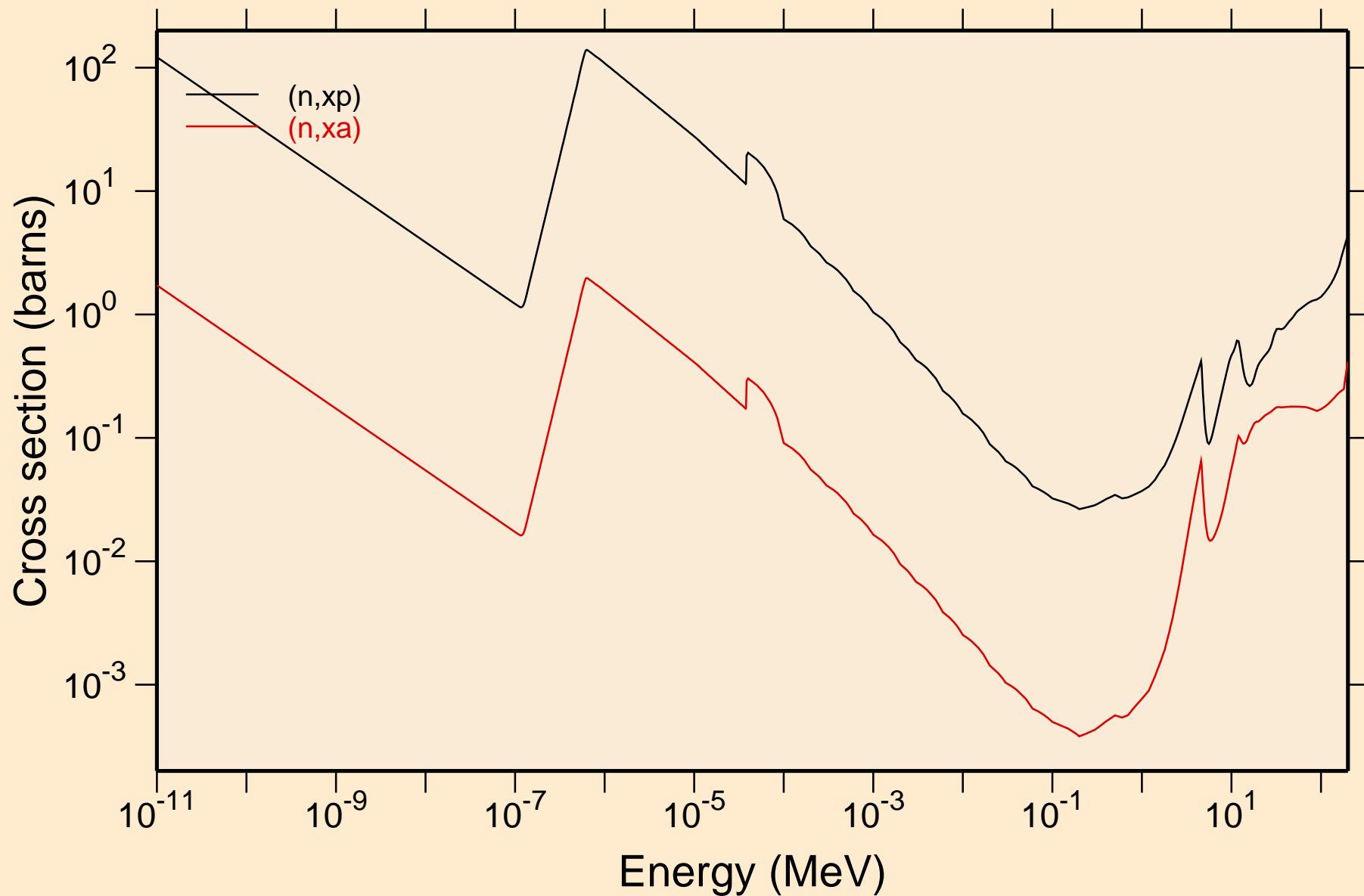
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Damage



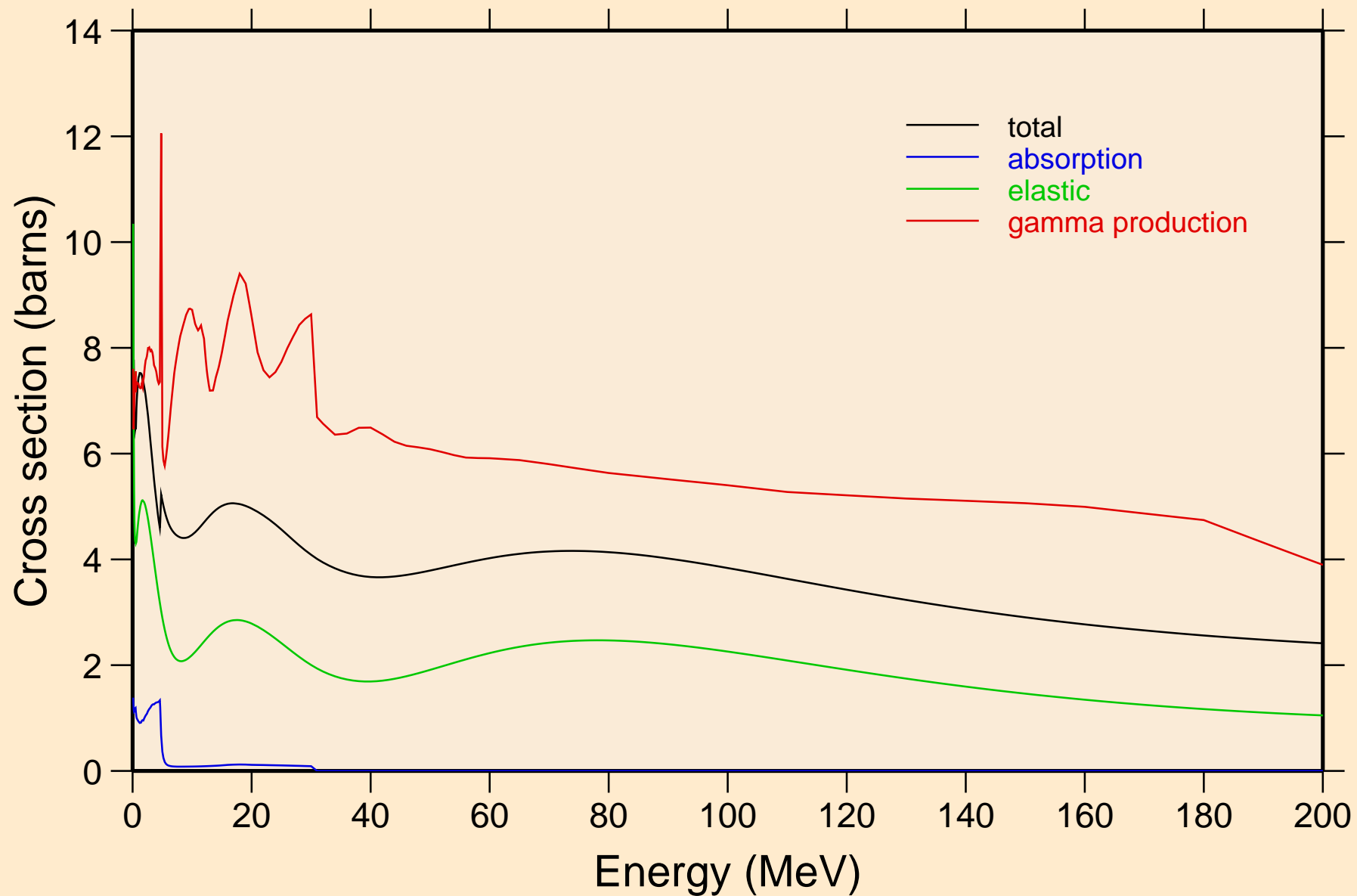
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



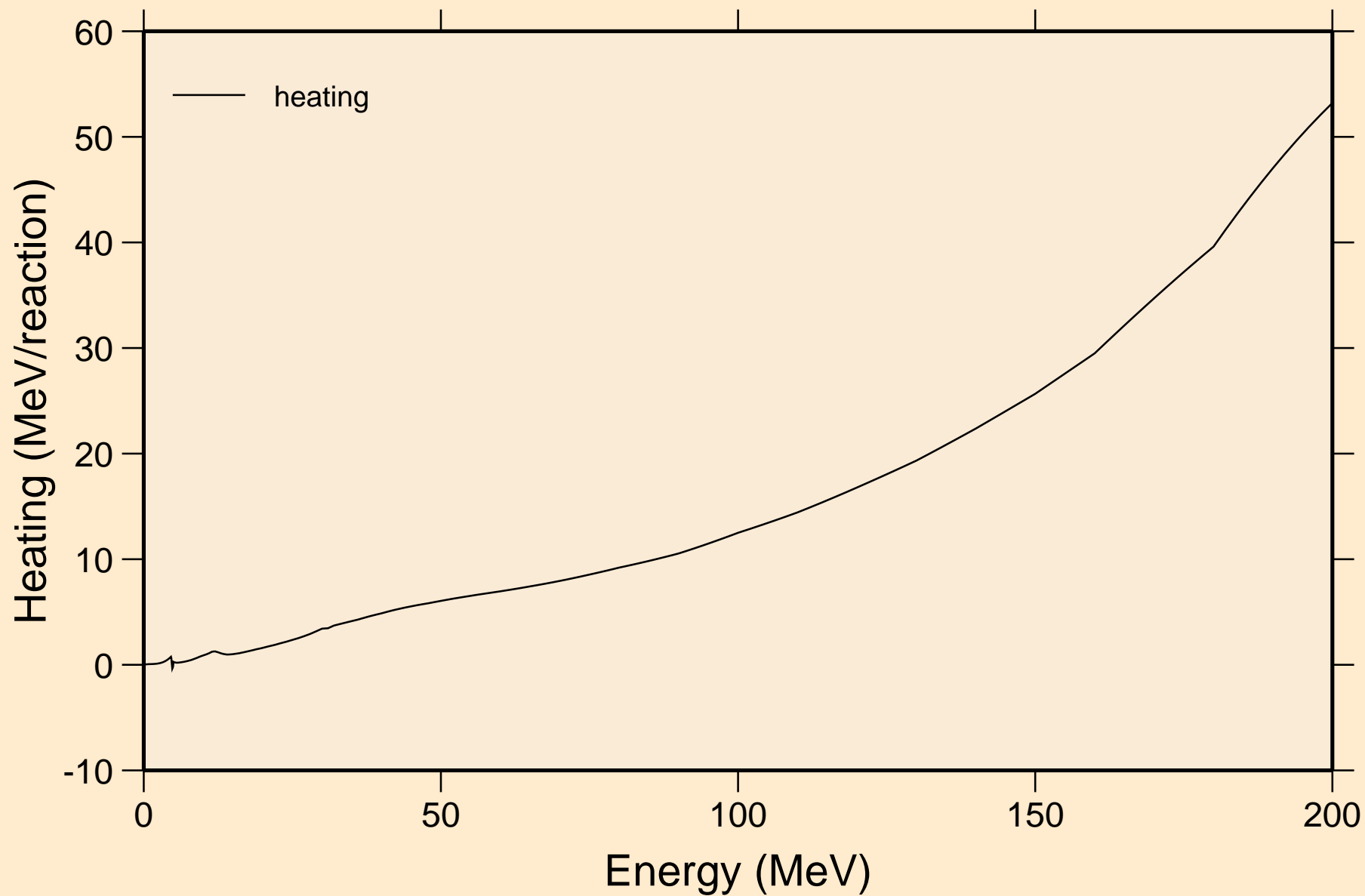
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Non-threshold reactions



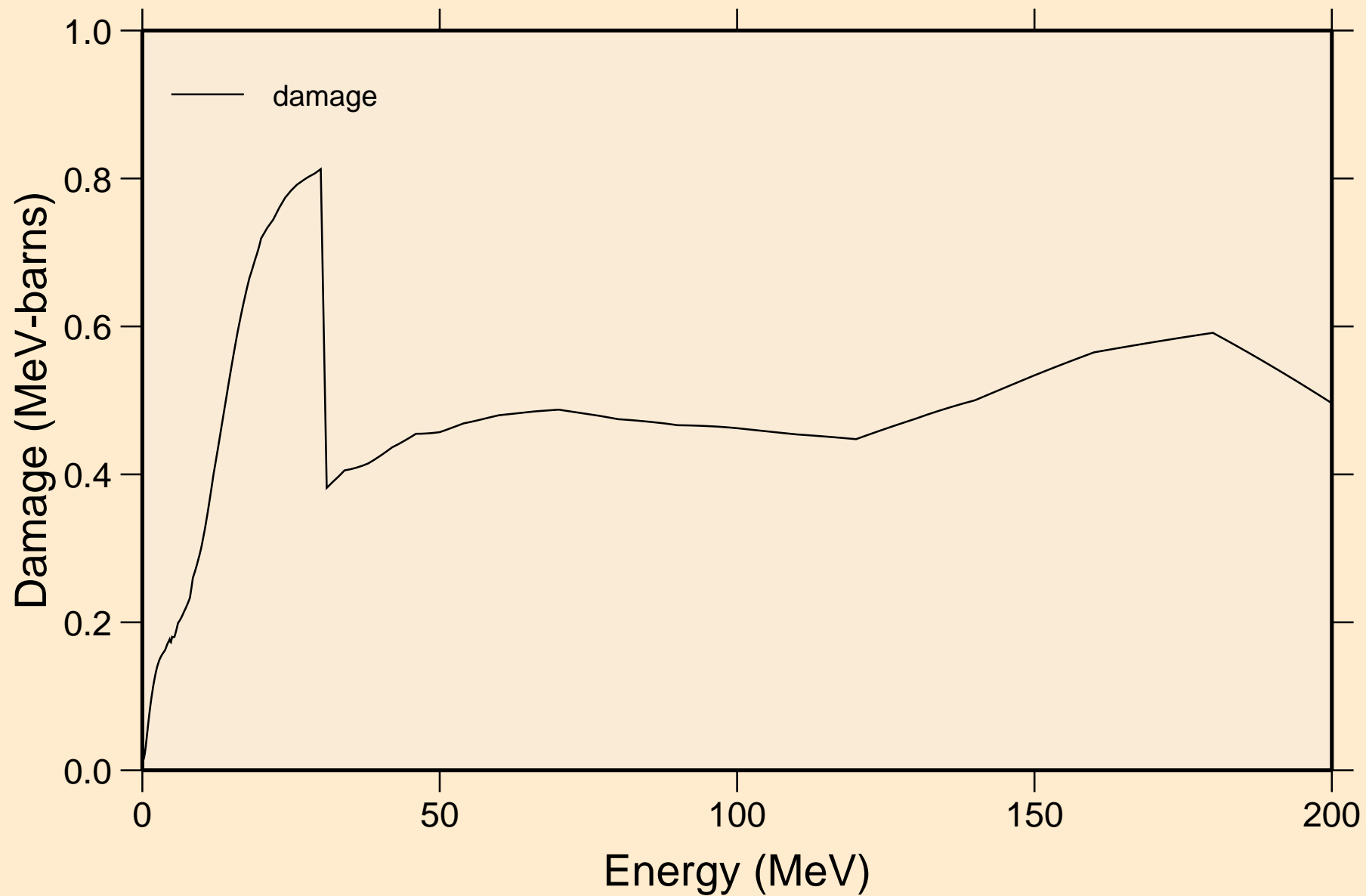
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Principal cross sections



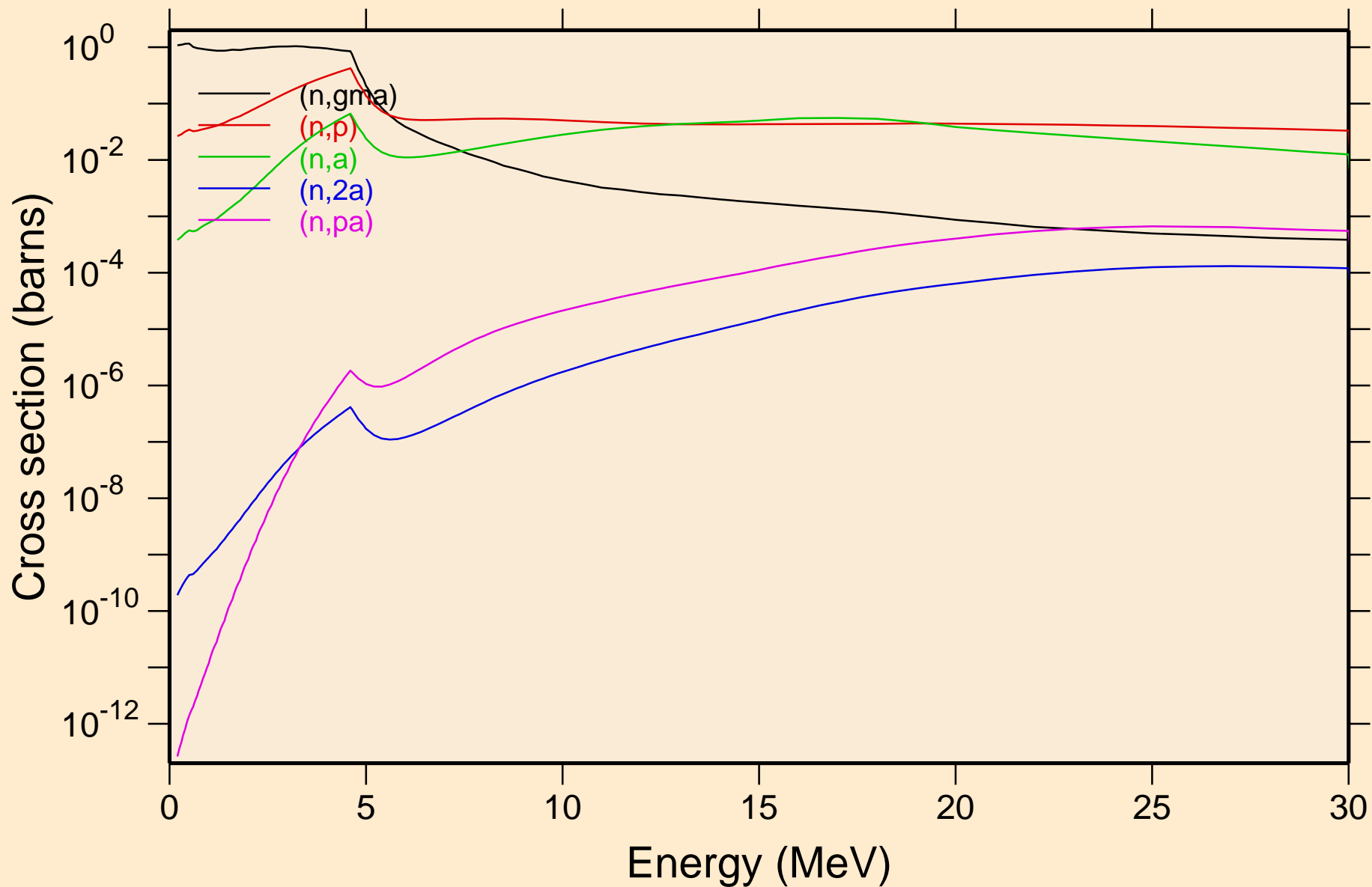
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



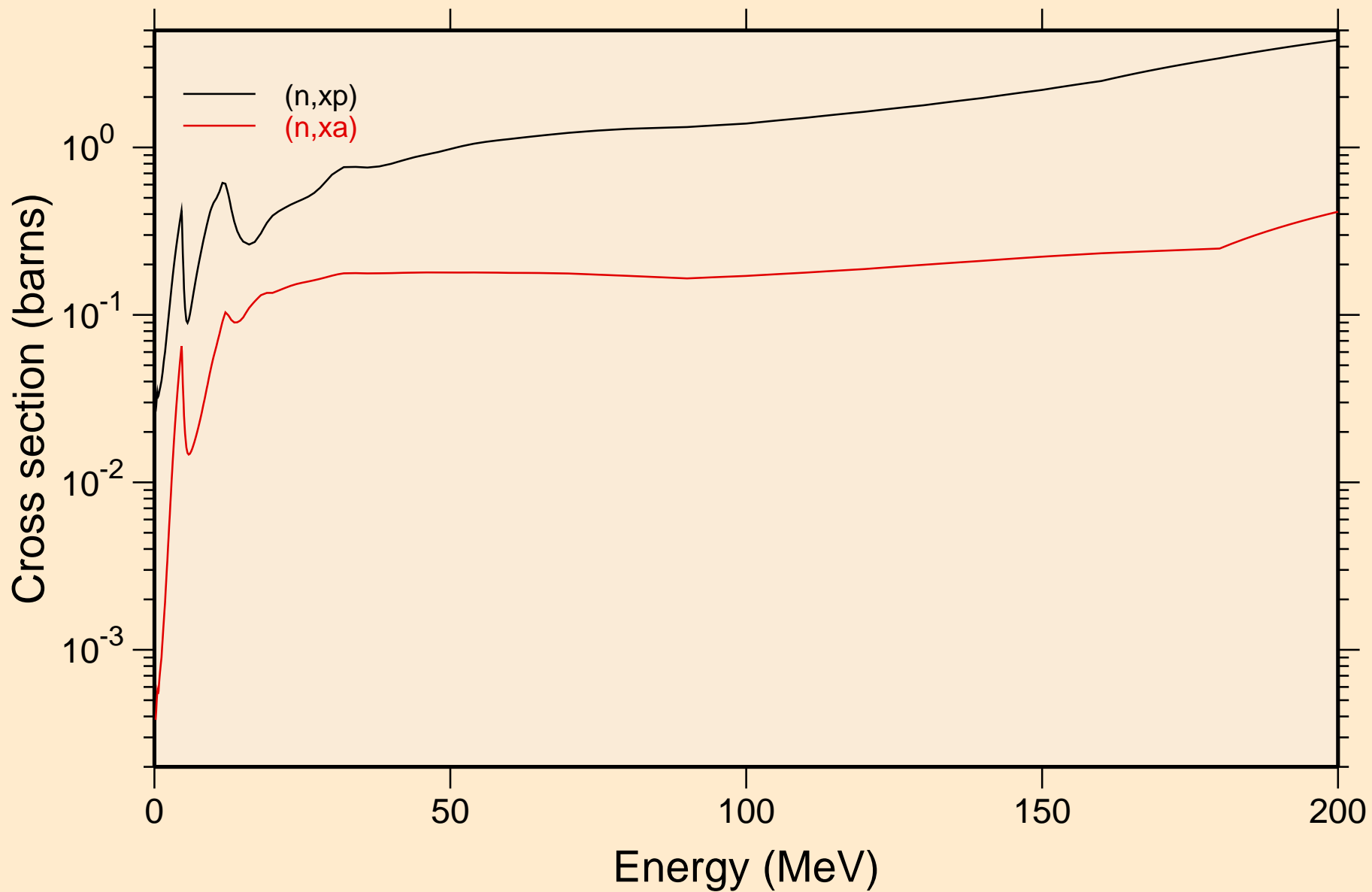
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



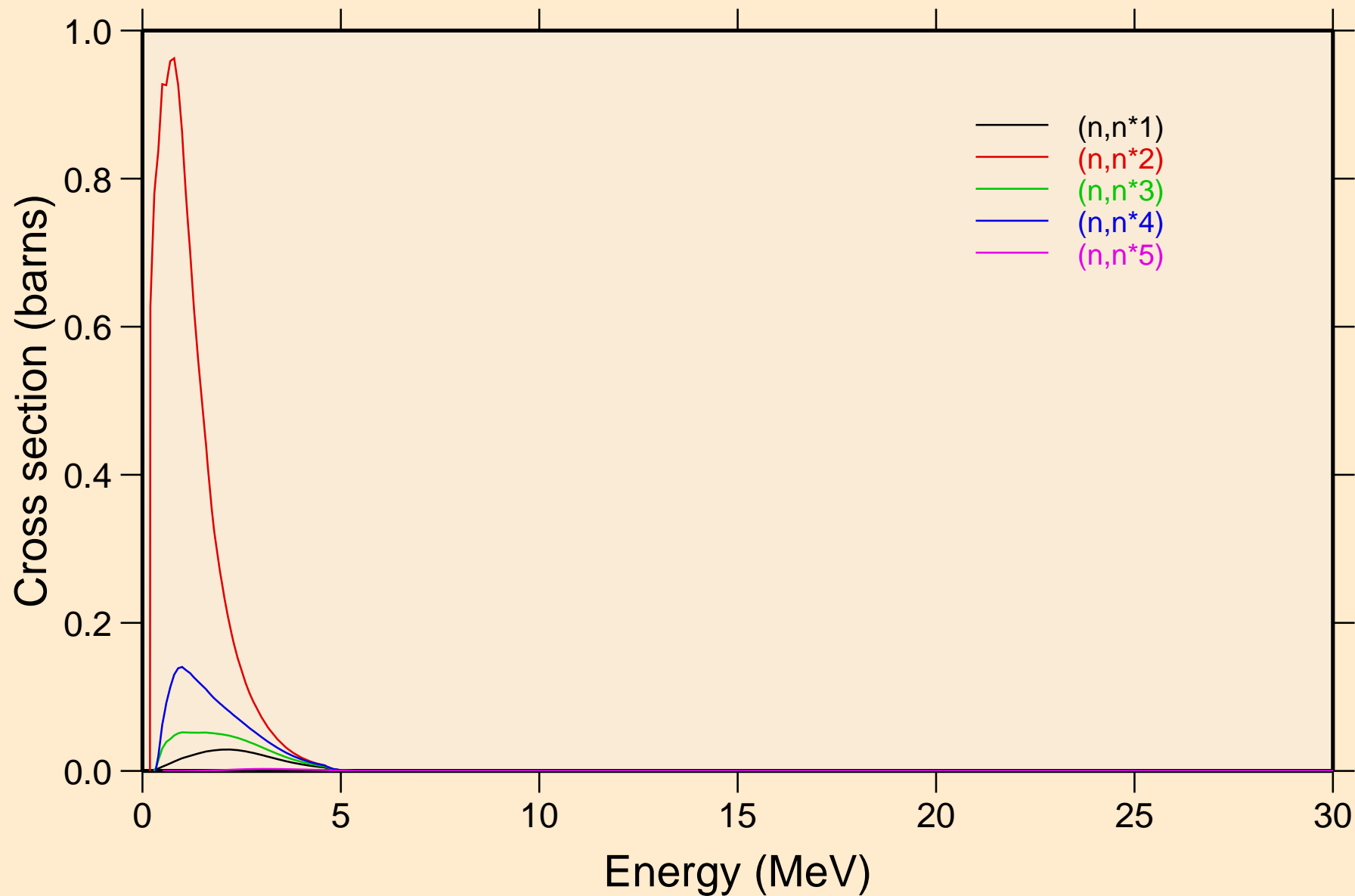
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Non-threshold reactions



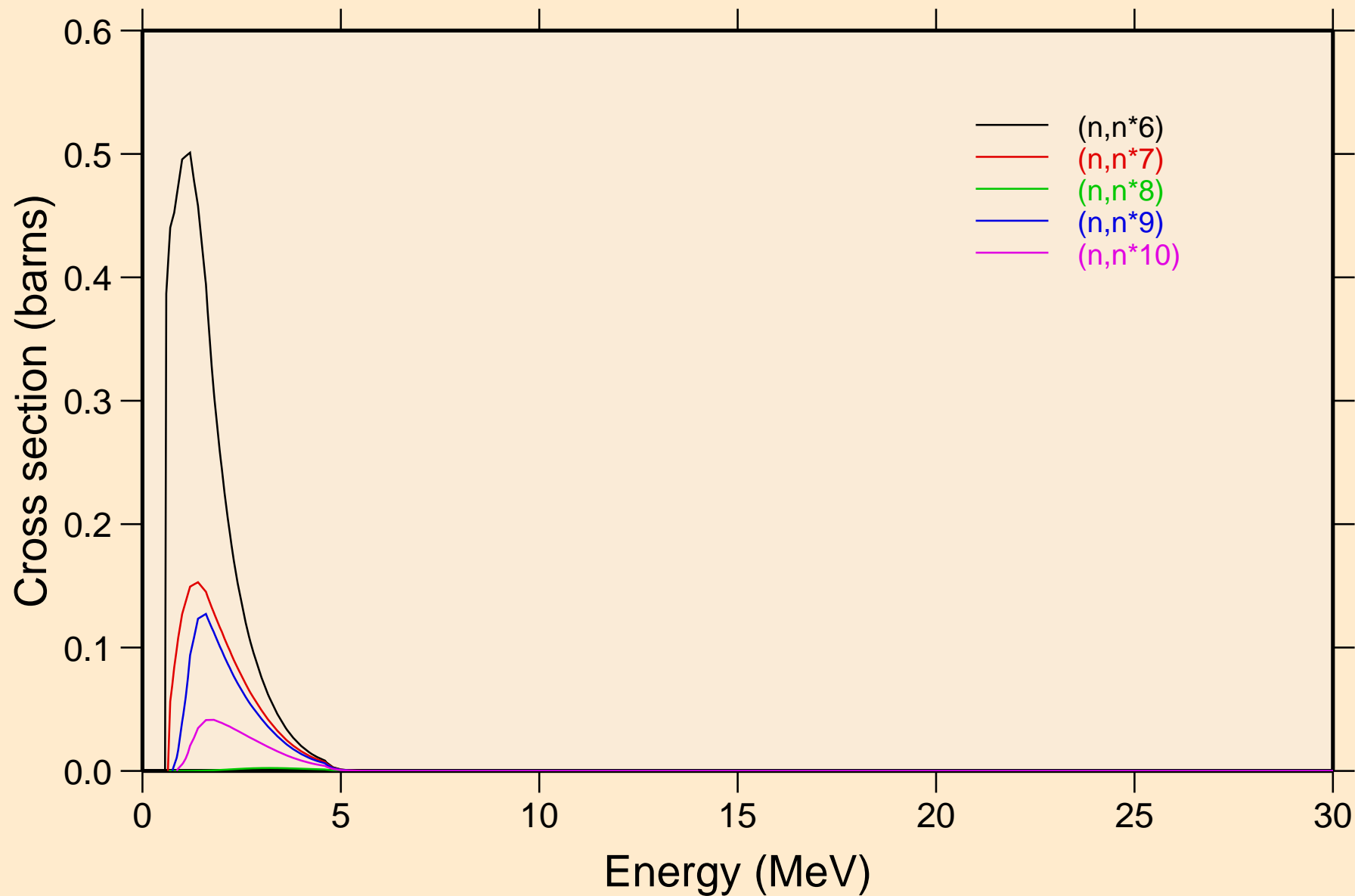
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Non-threshold reactions



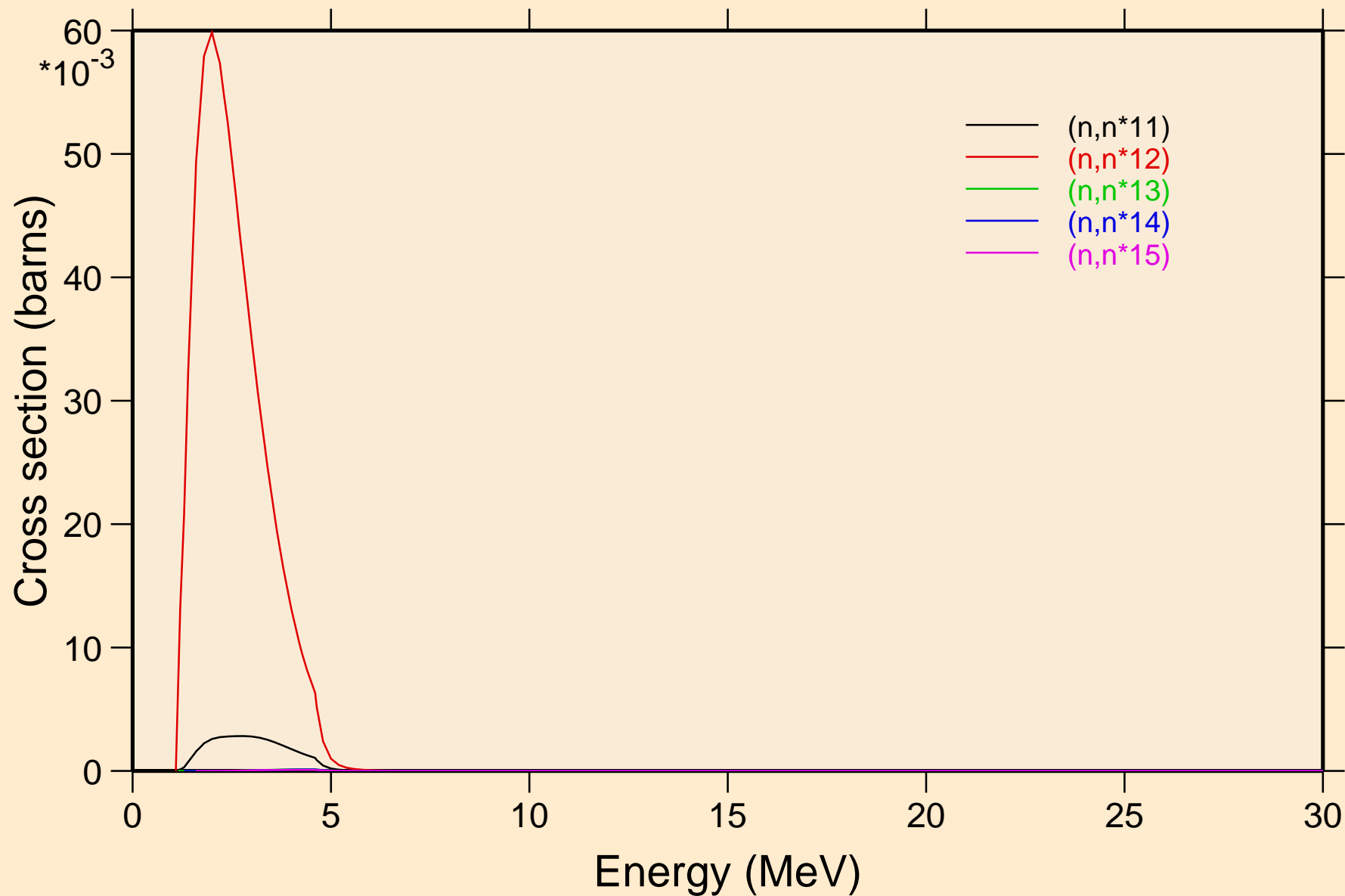
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



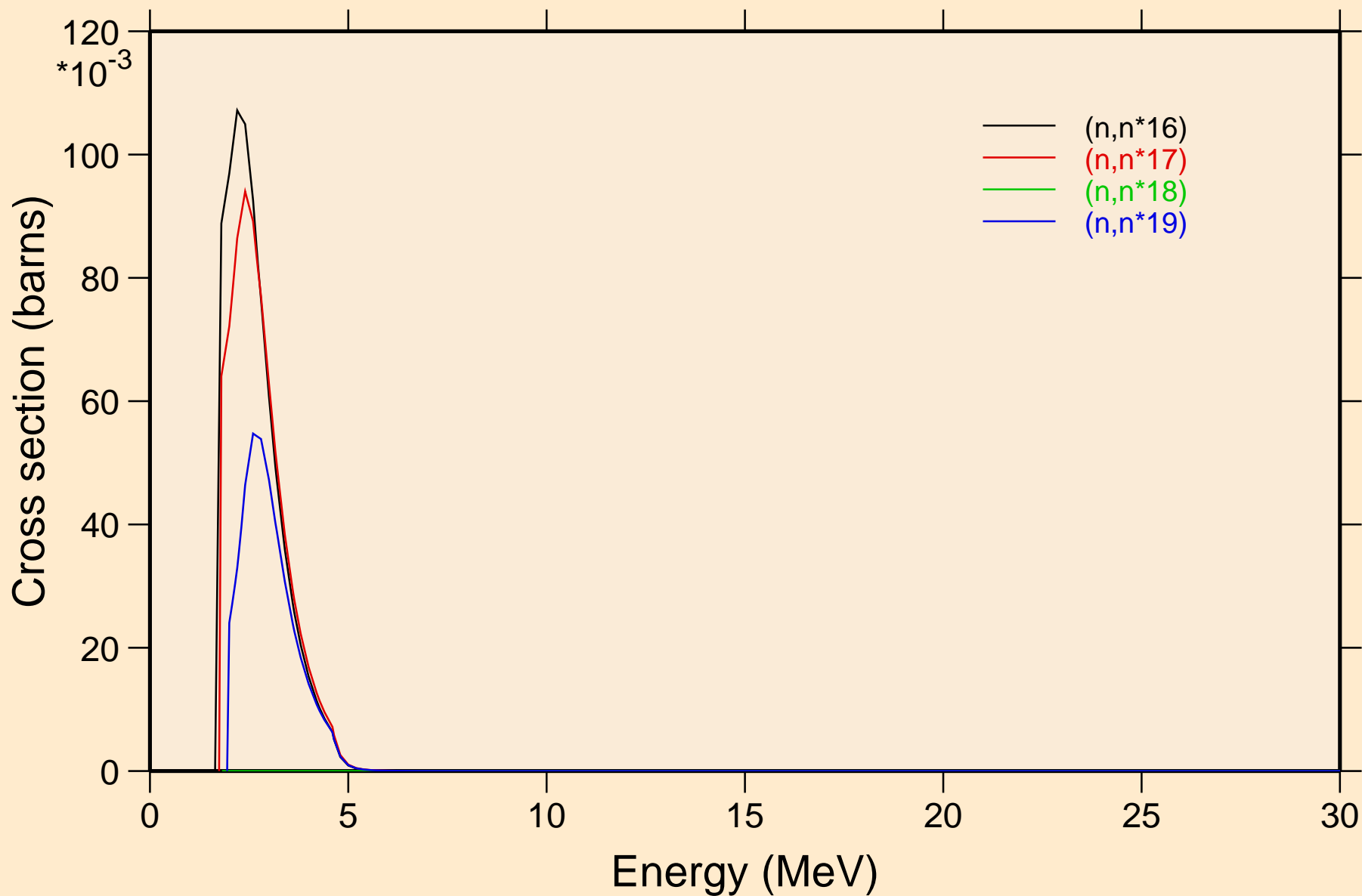
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

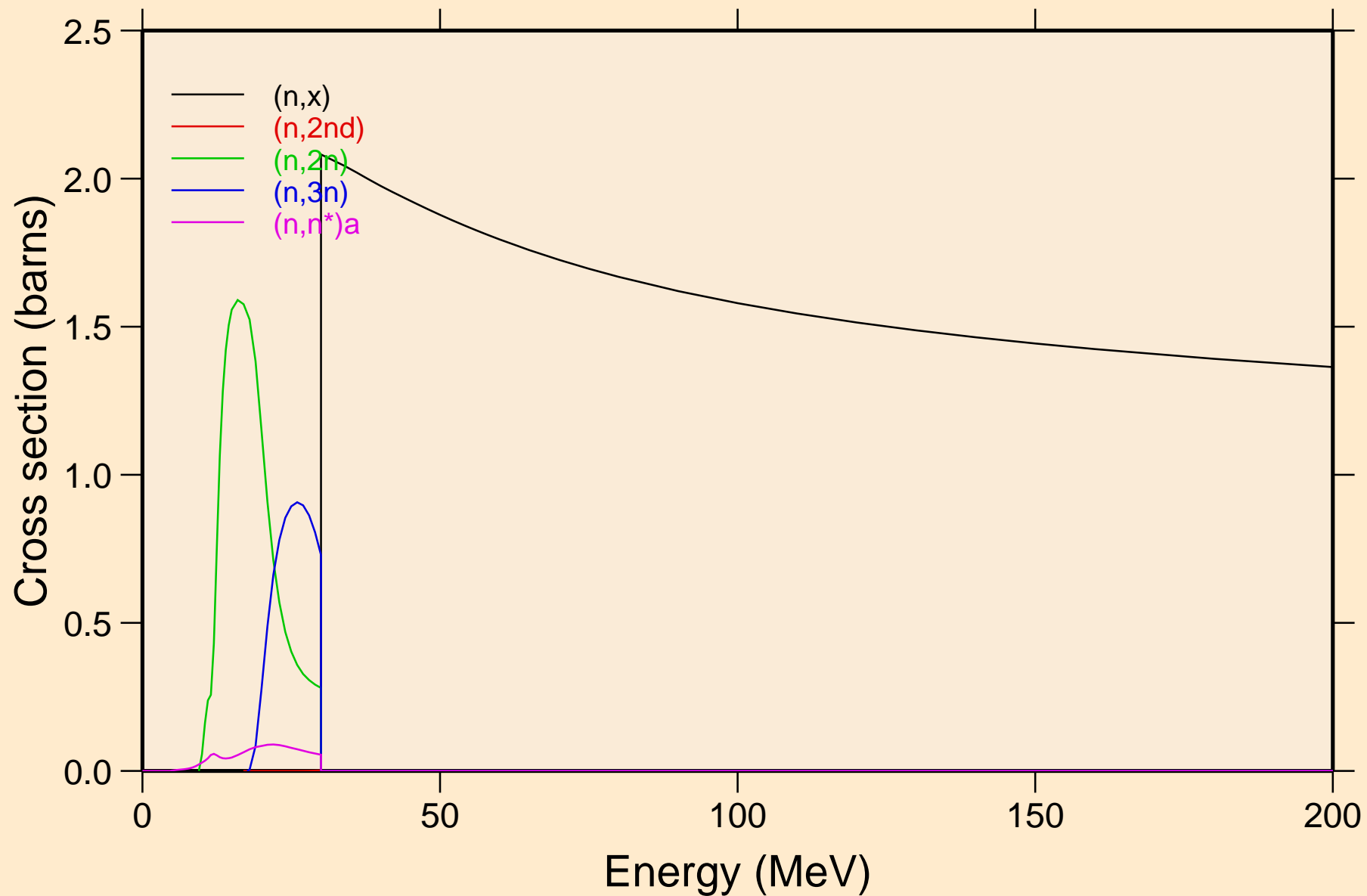


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

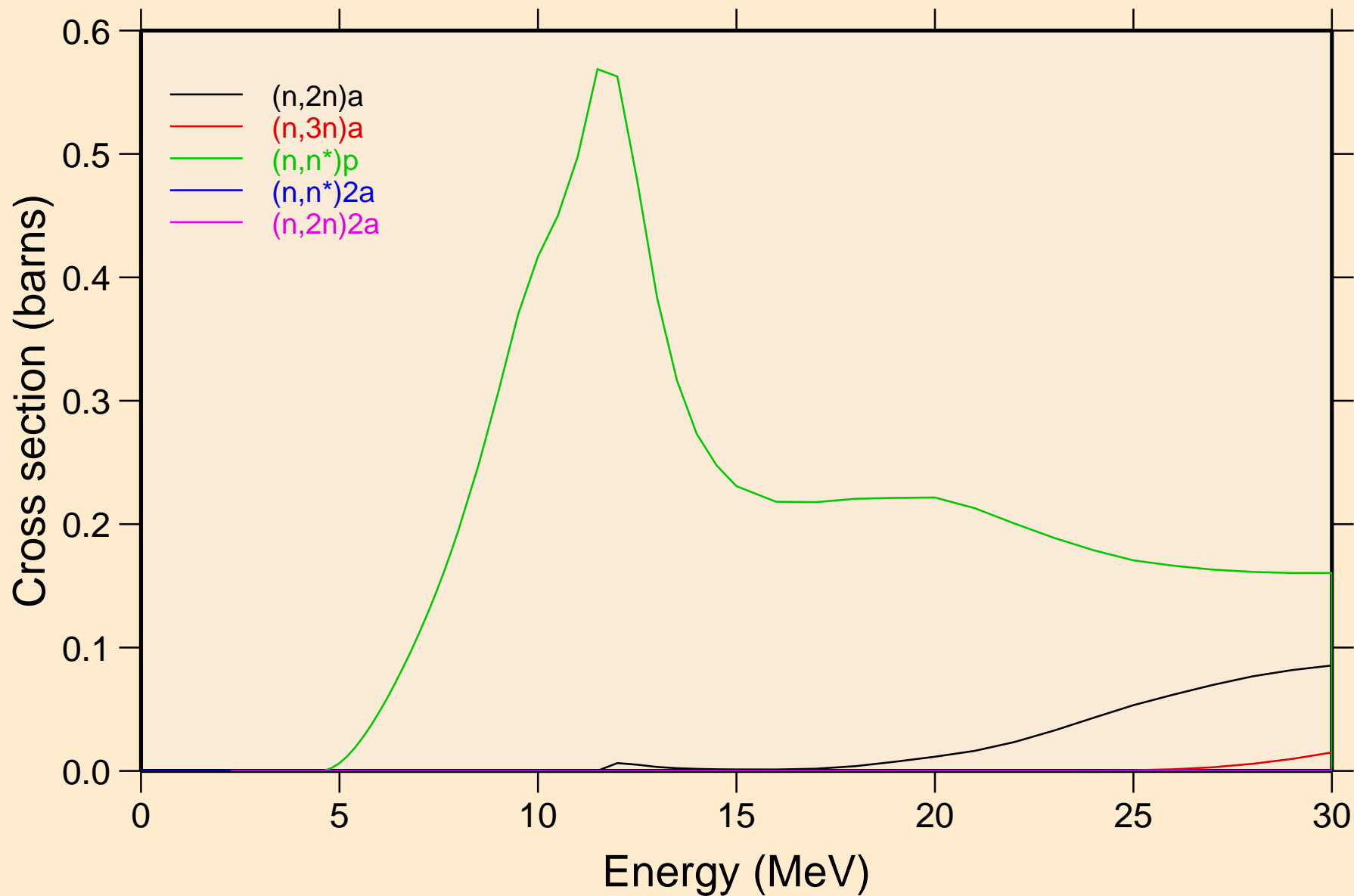


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

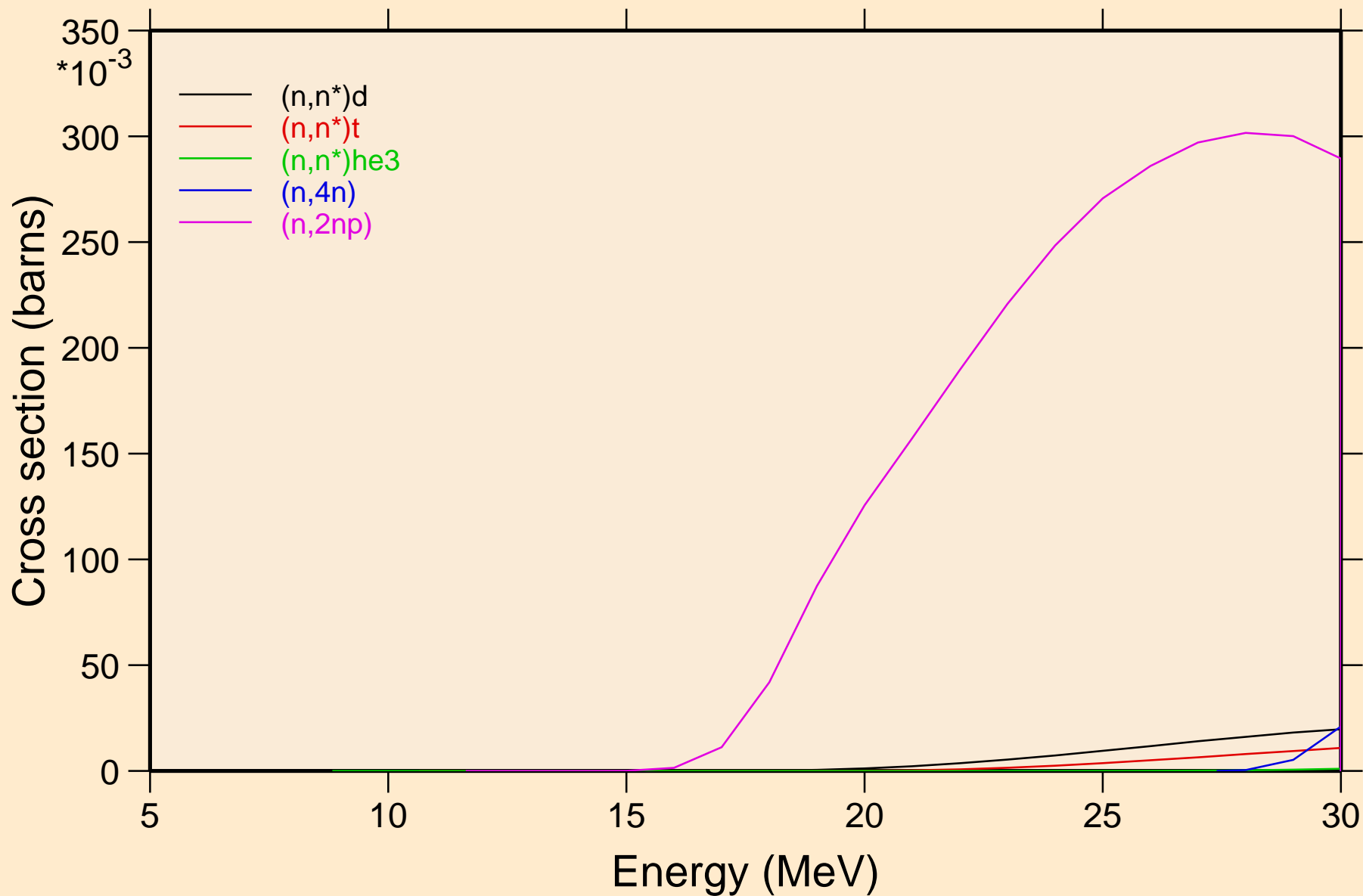


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



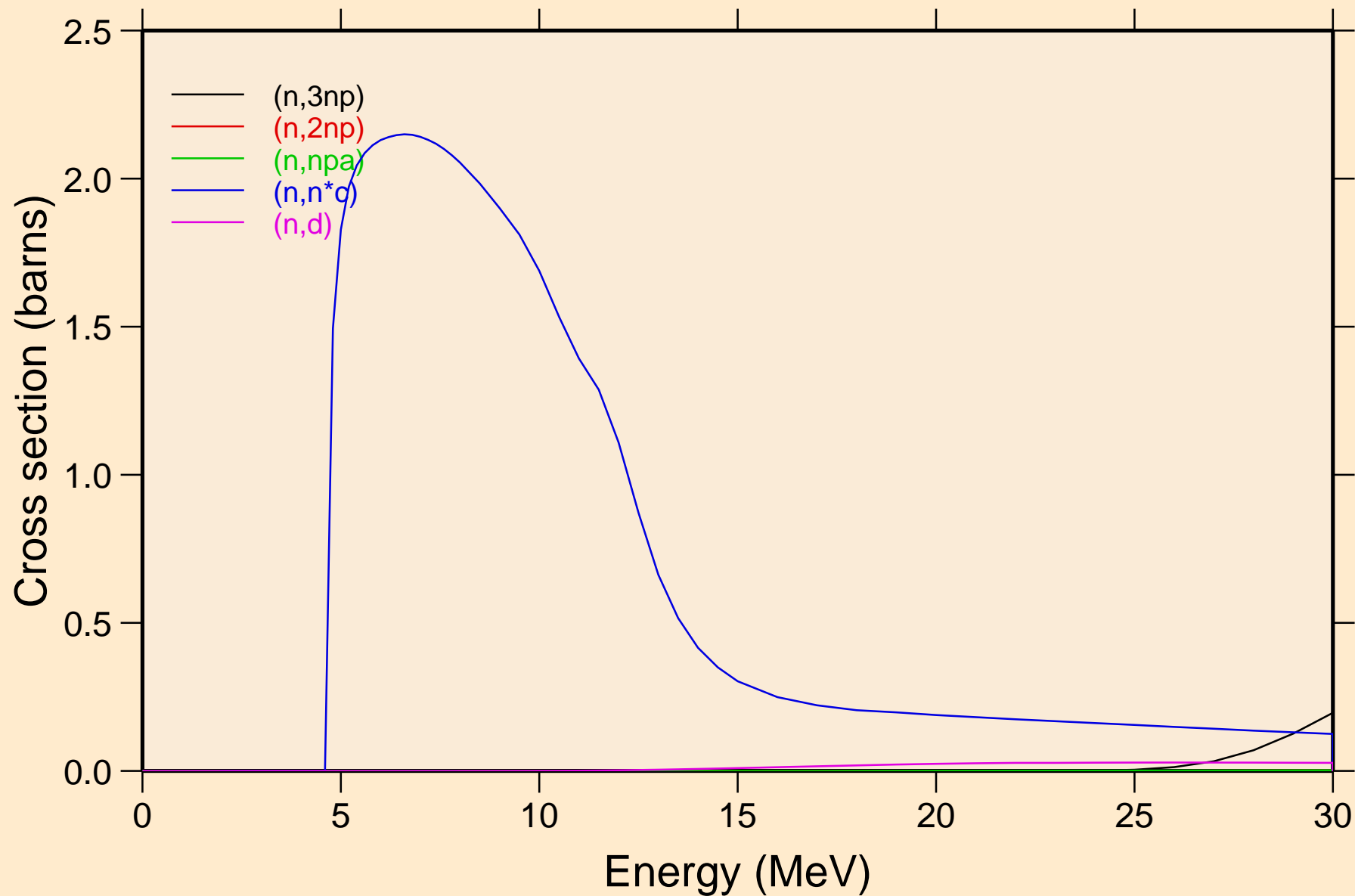
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

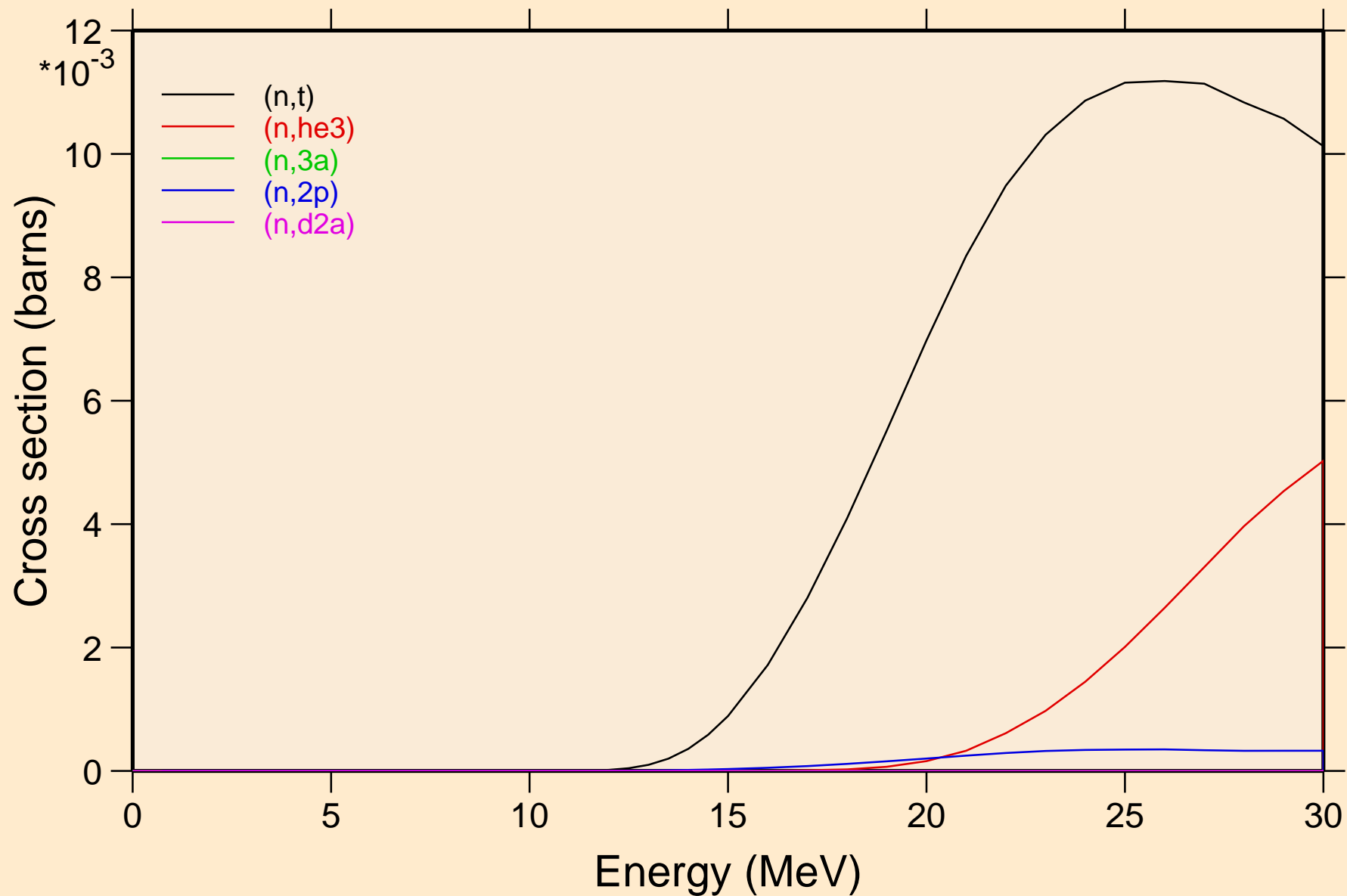


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

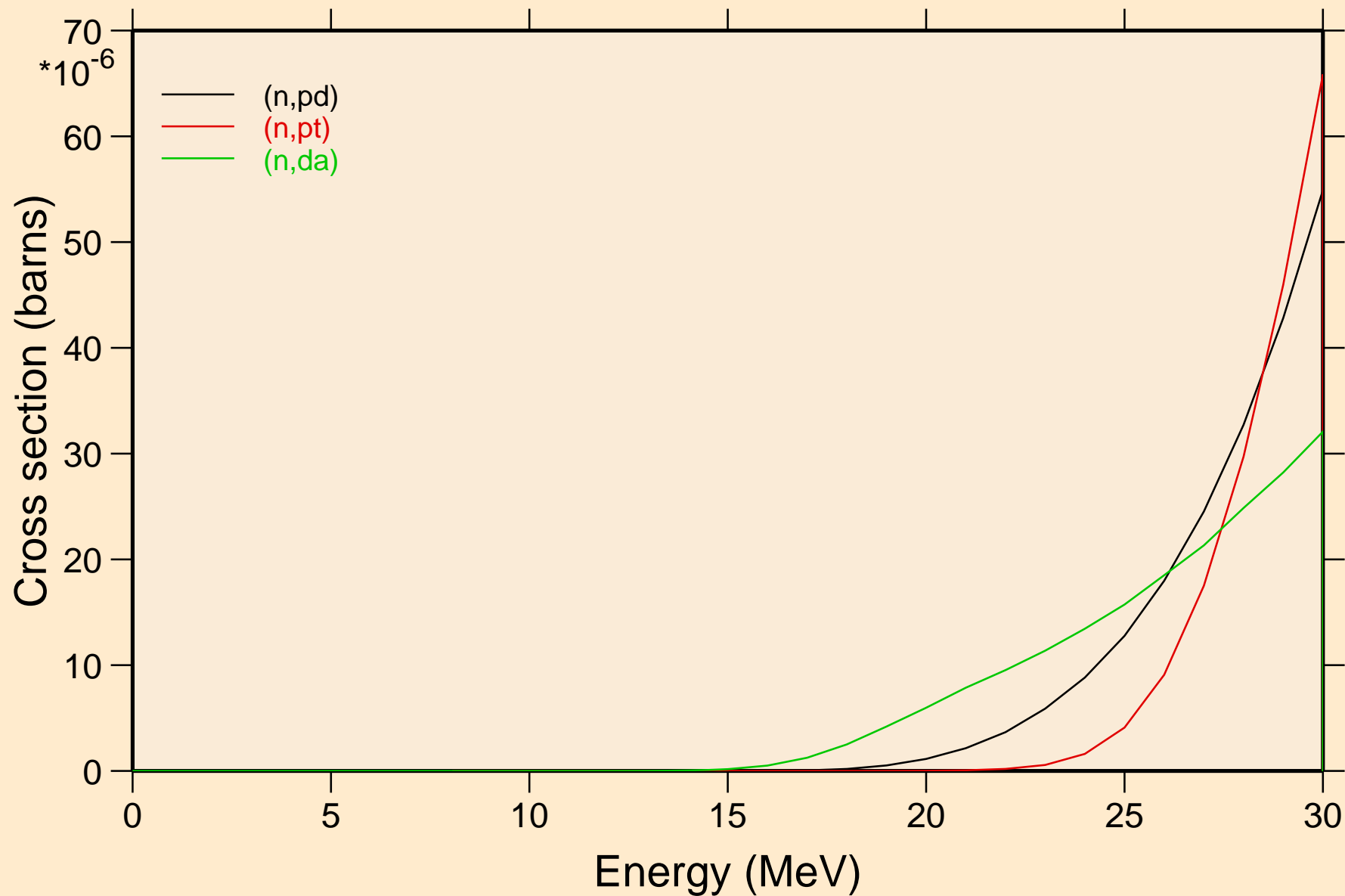


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

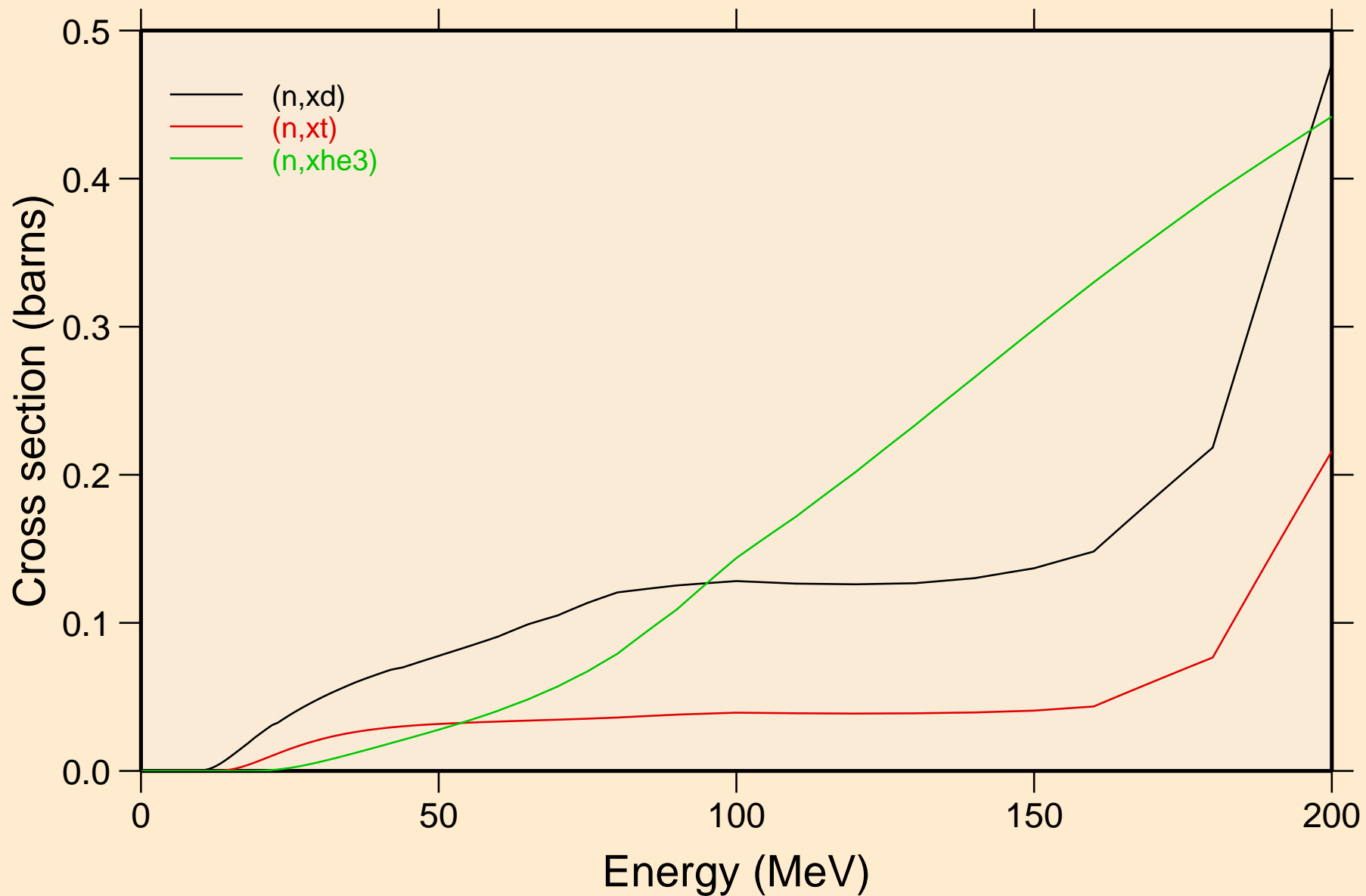


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

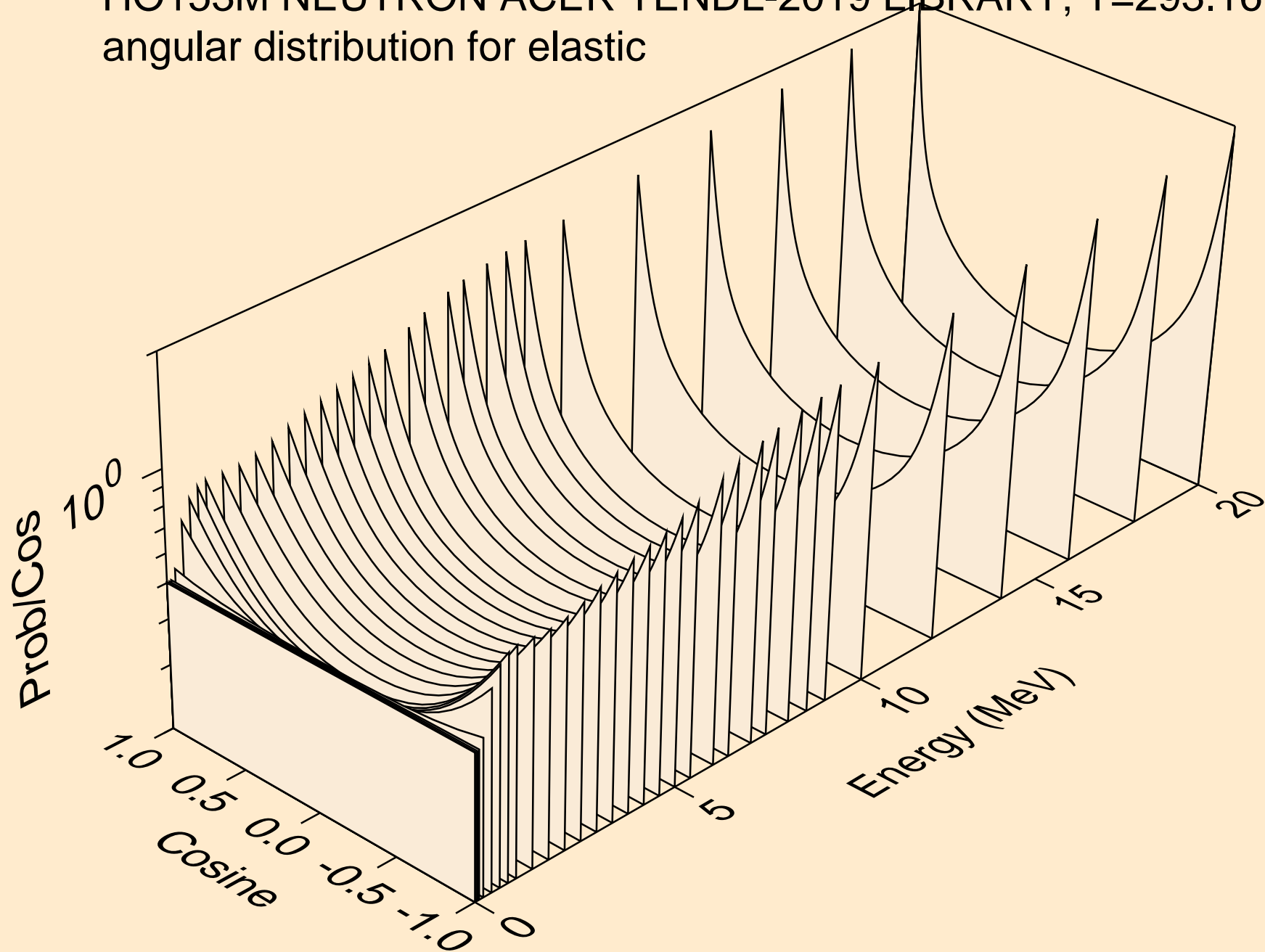
Threshold reactions



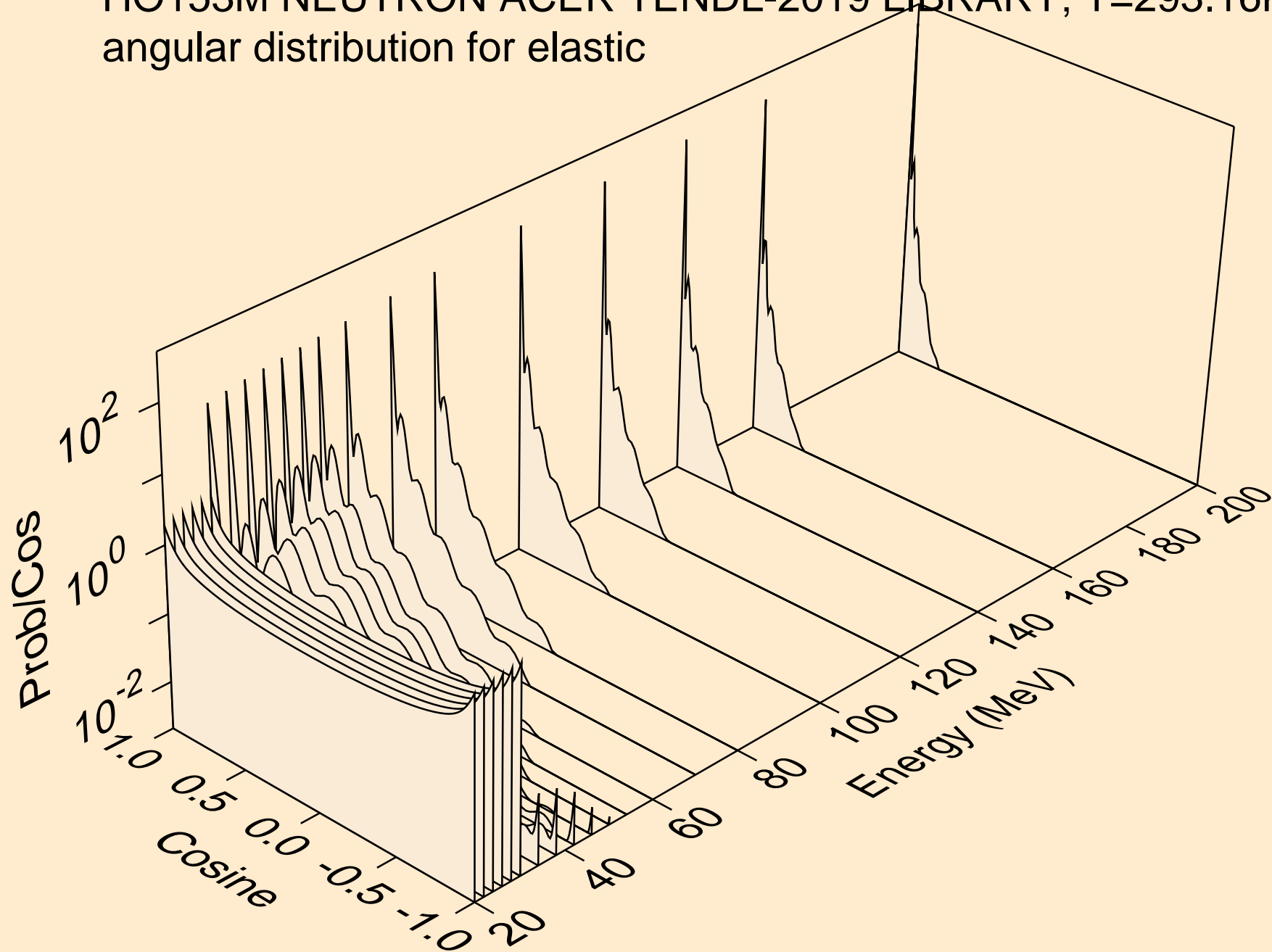
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



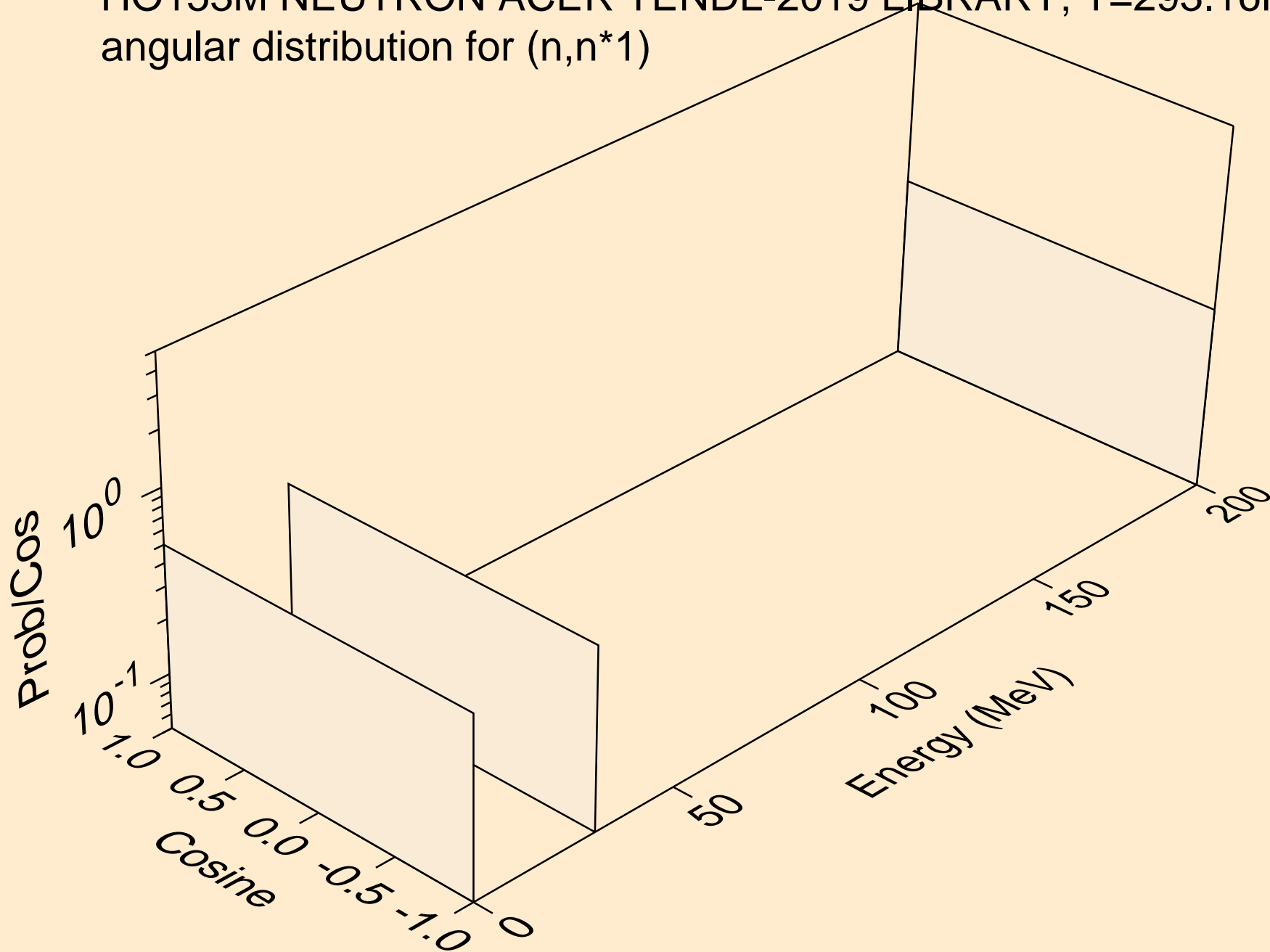
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



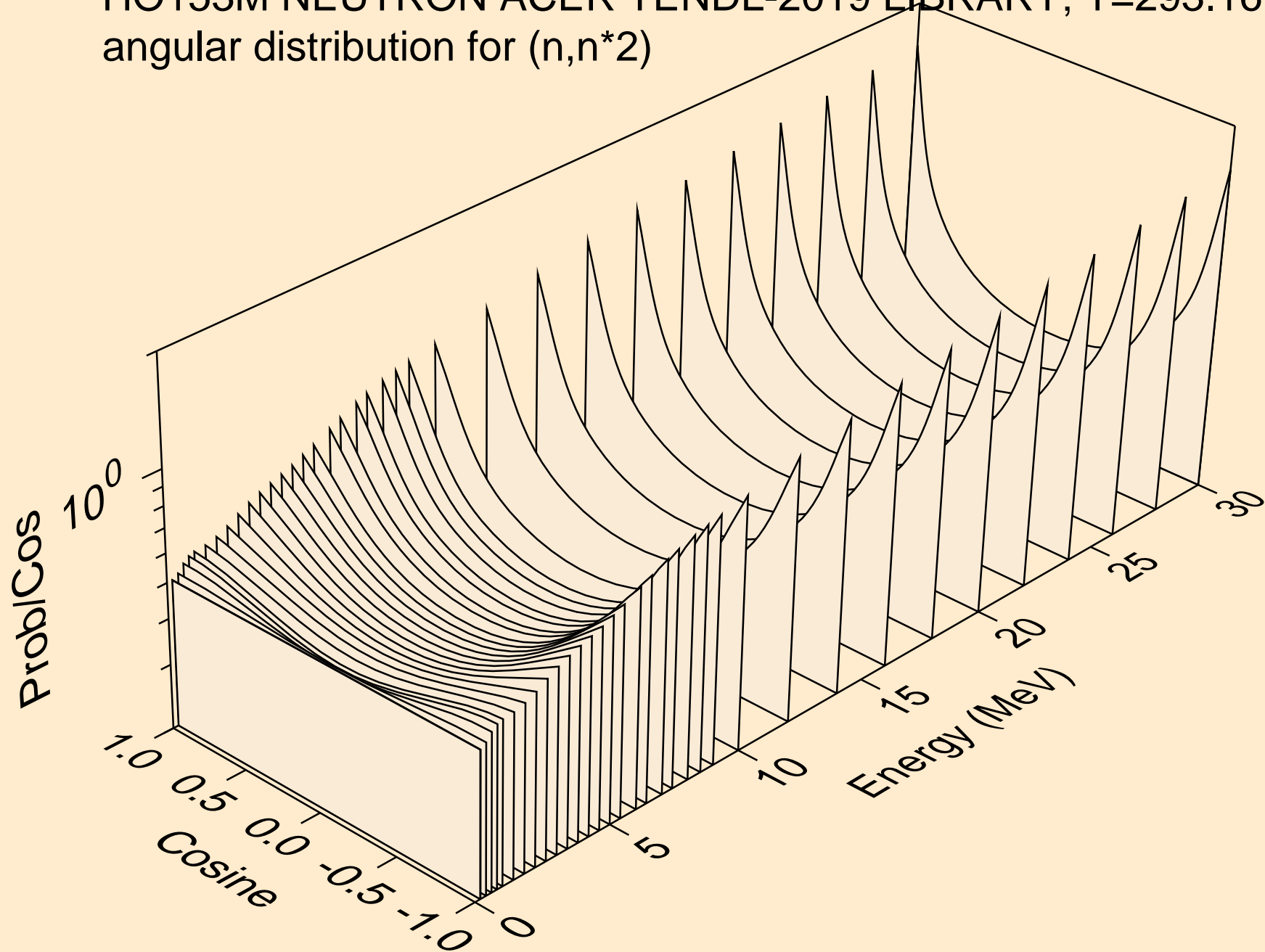
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angular distribution for elastic



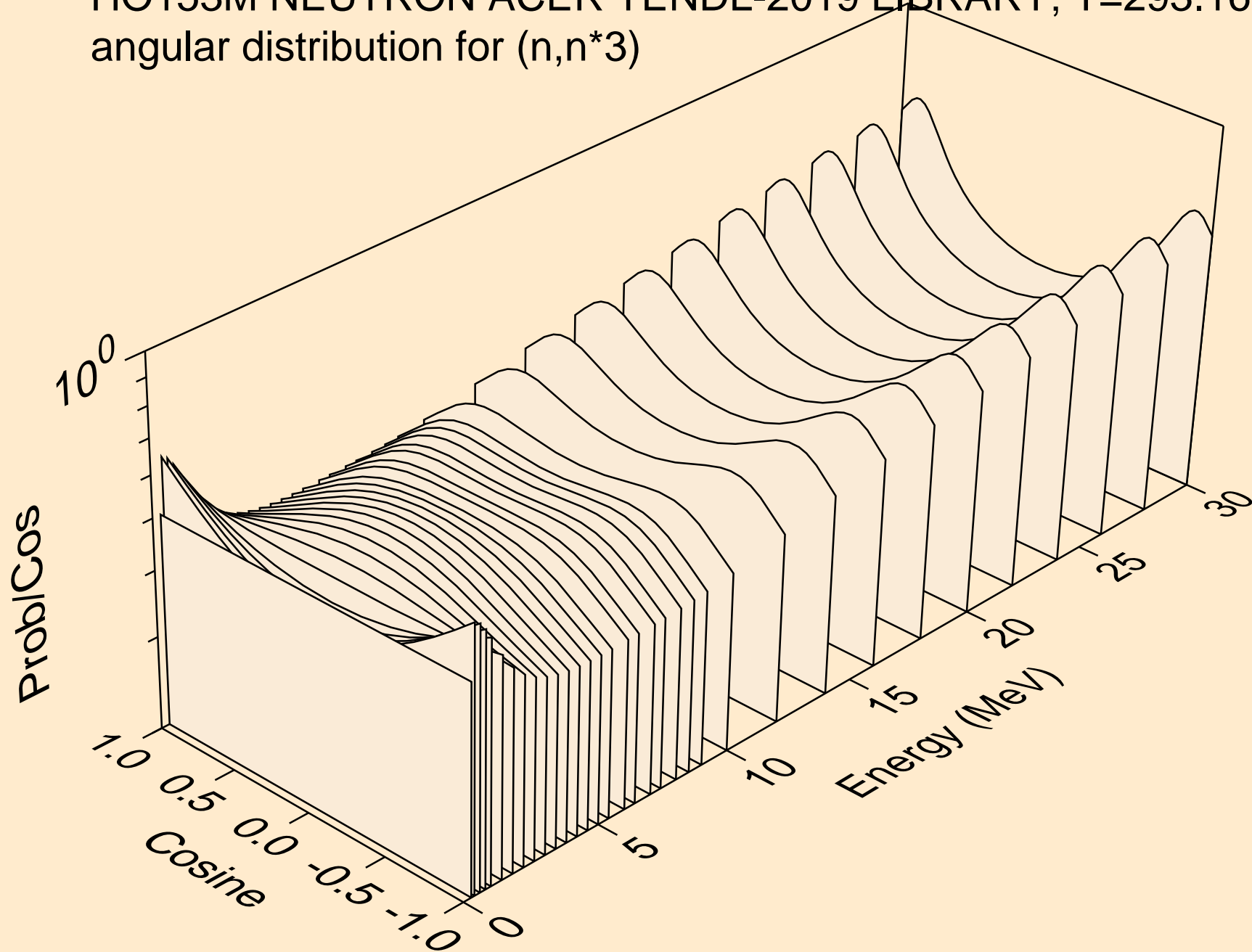
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



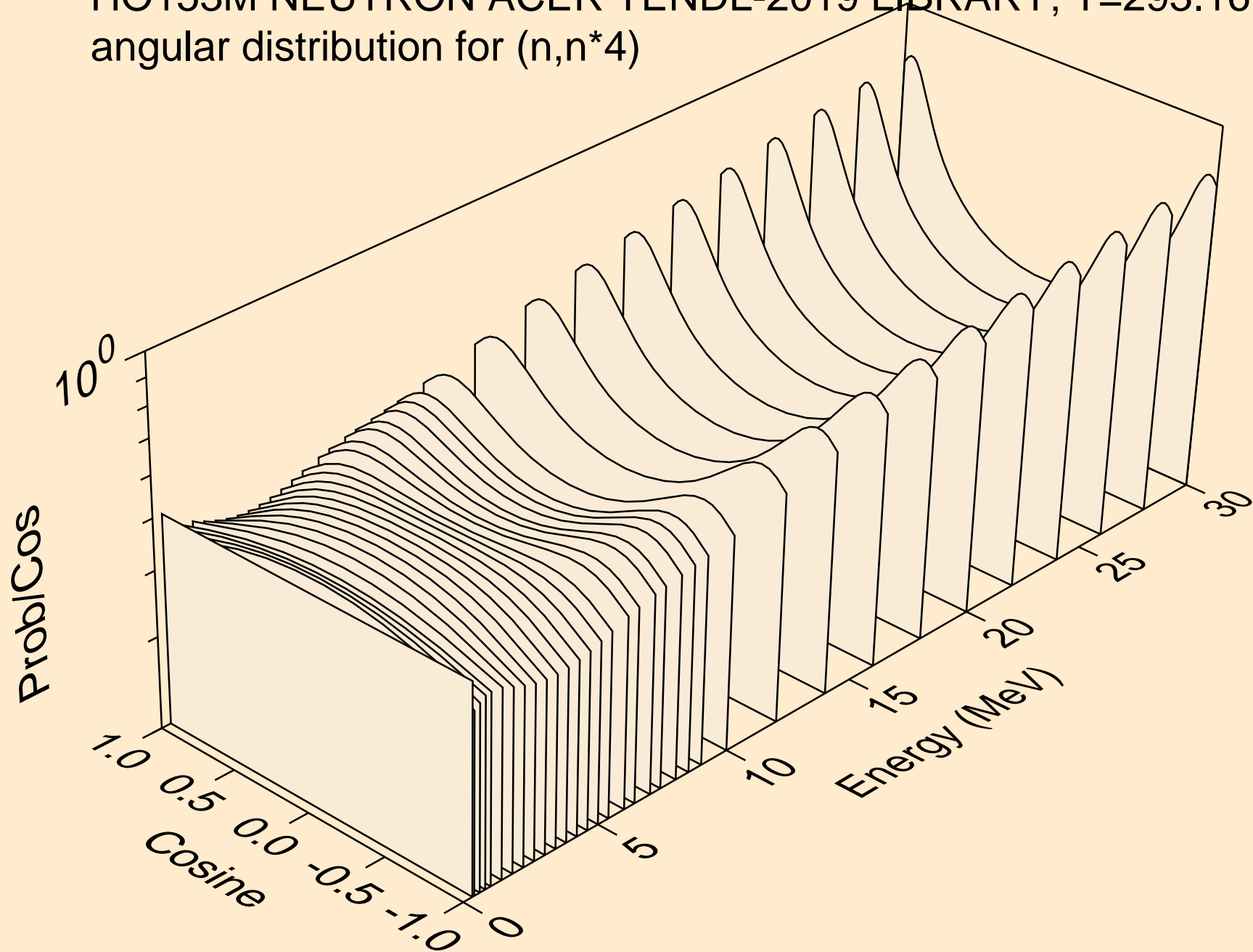
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angular distribution for (n,n*2)



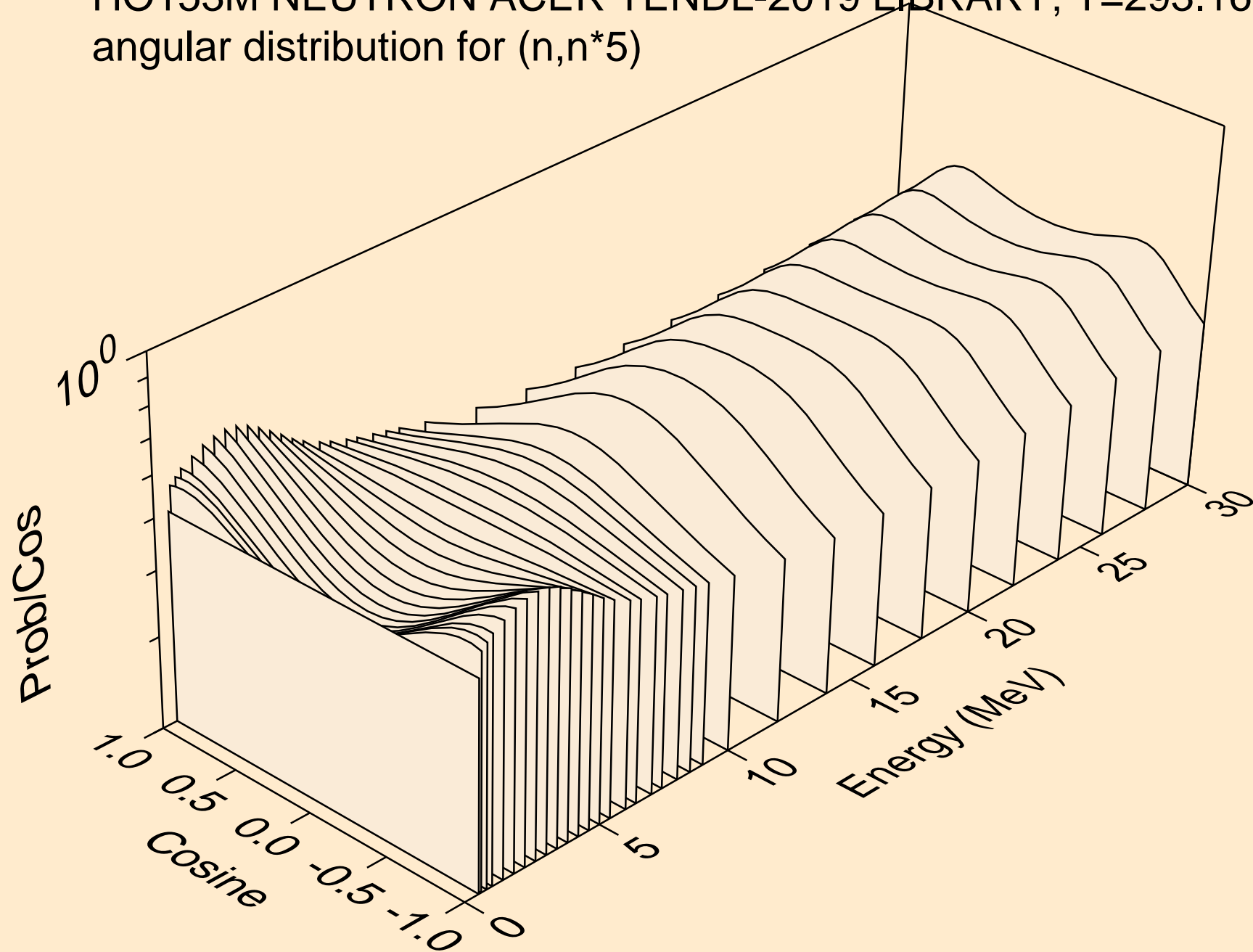
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



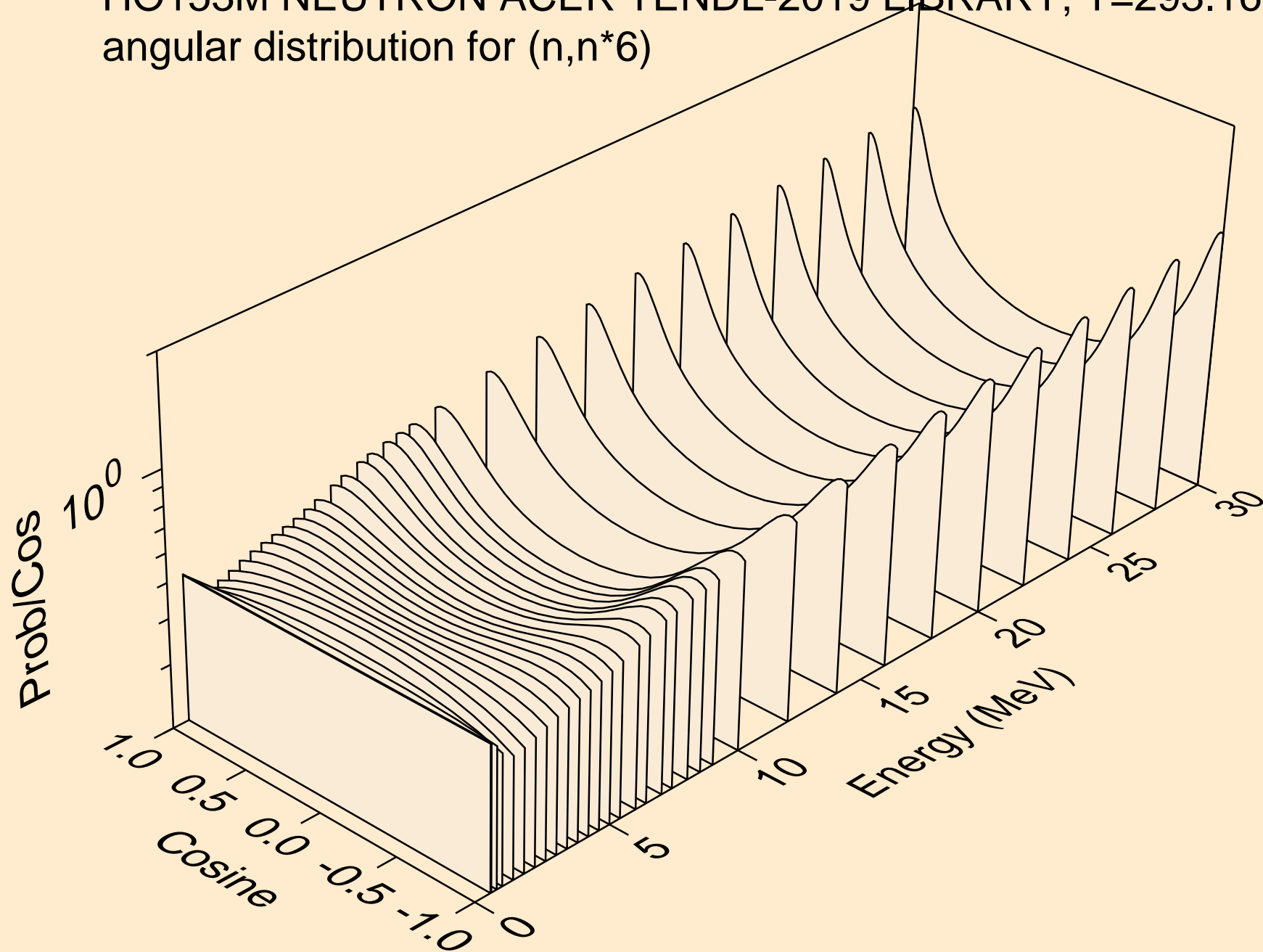
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angular distribution for (n,n*4)



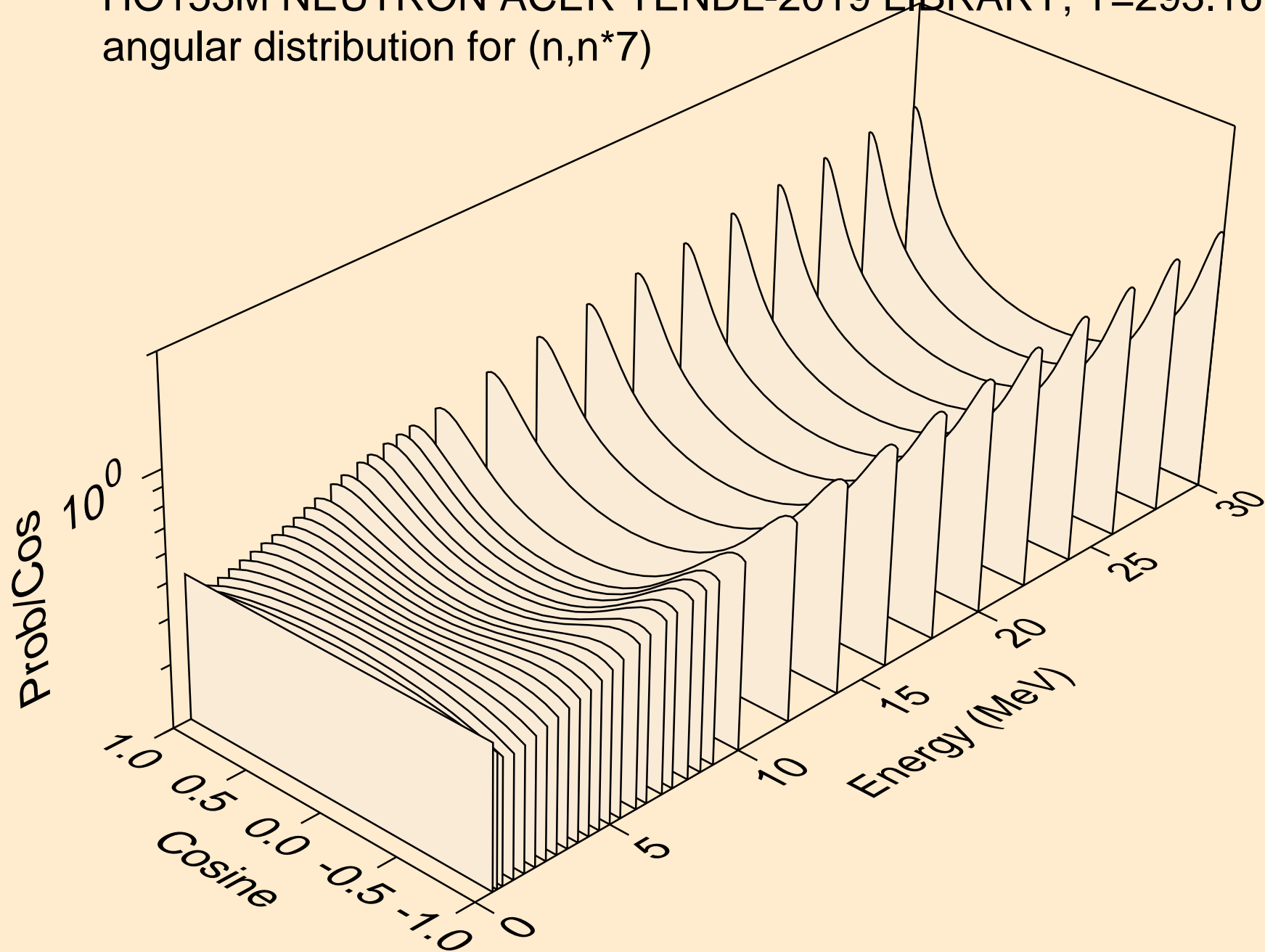
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



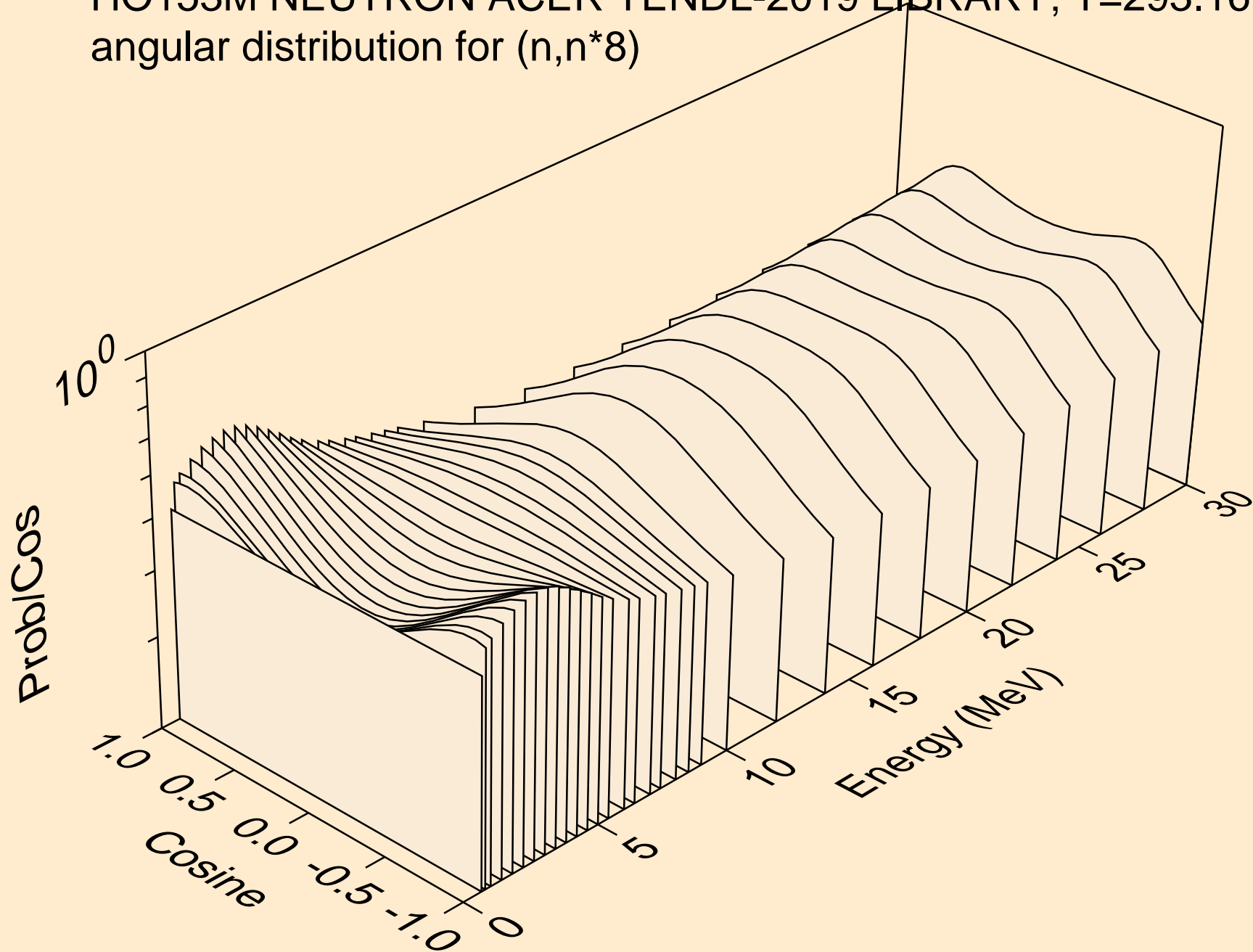
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angular distribution for (n,n*6)



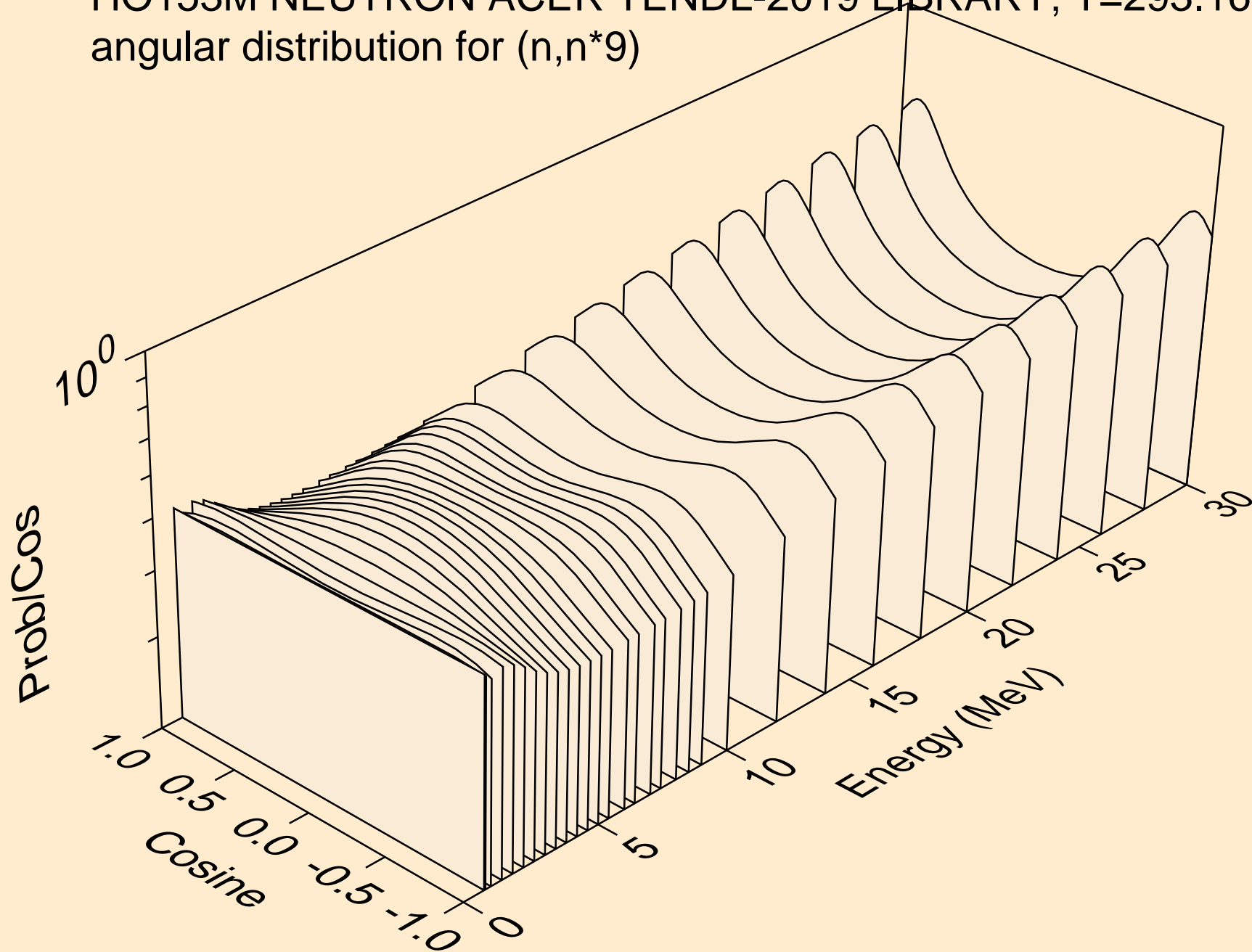
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angular distribution for (n,n*7)



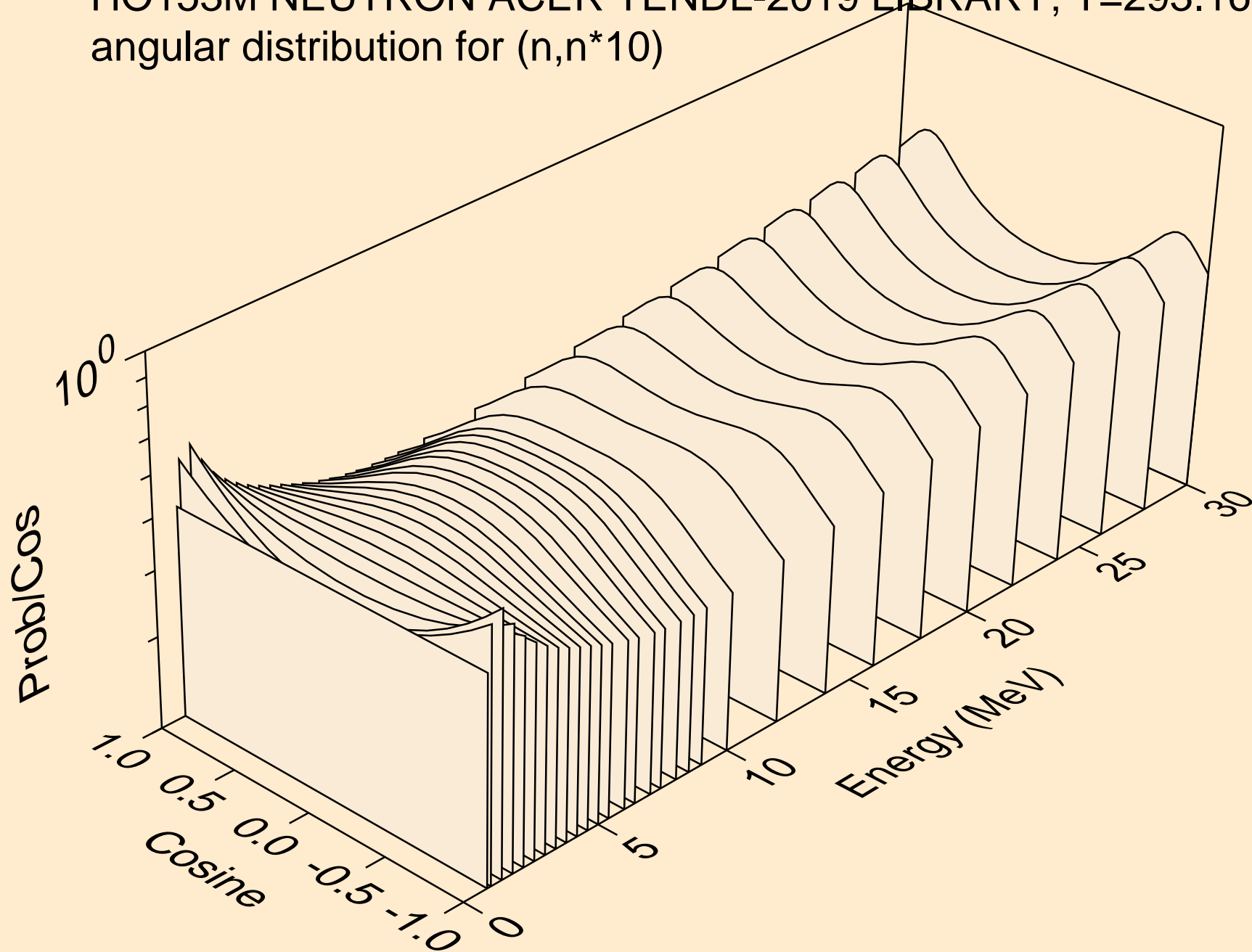
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



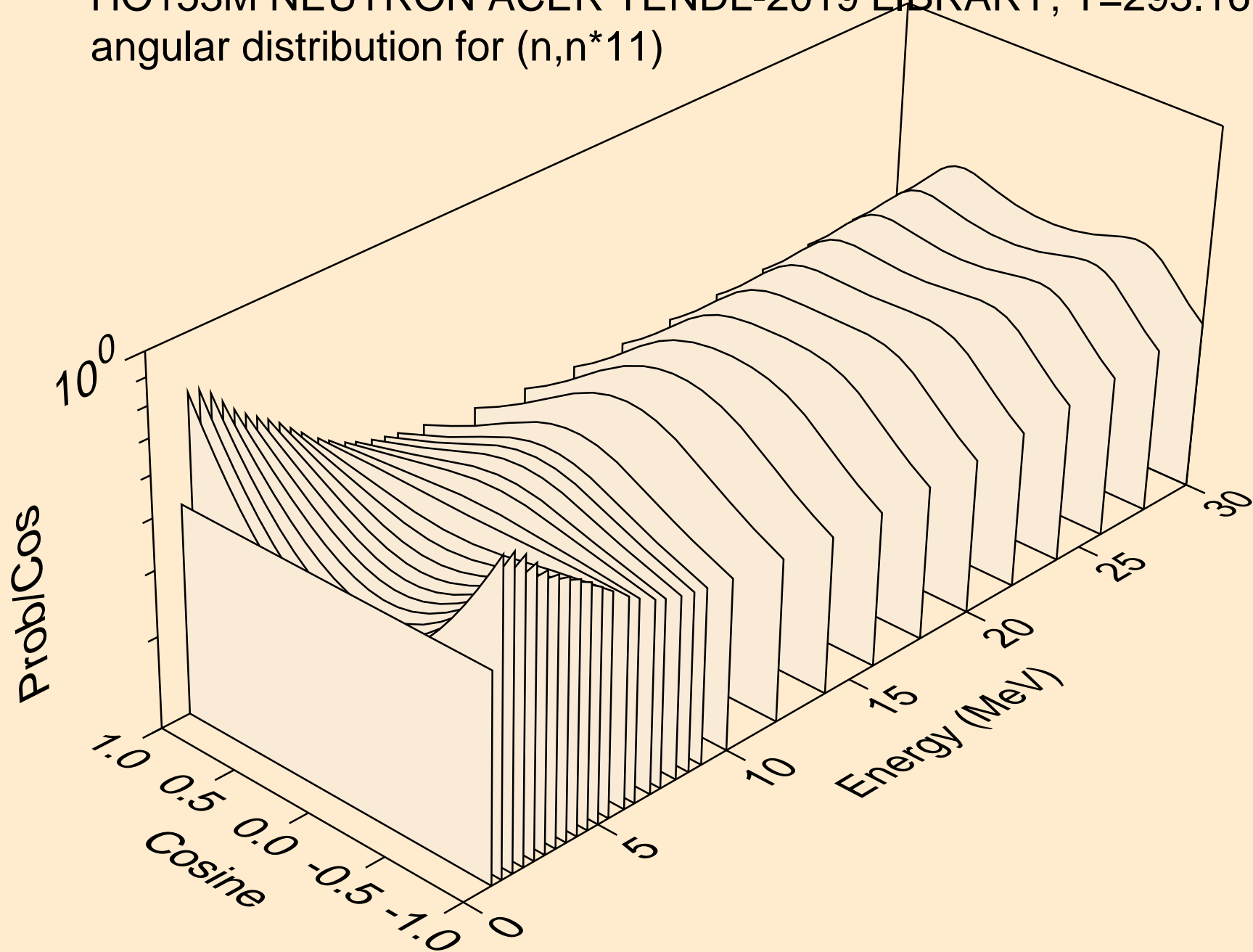
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angular distribution for (n,n*9)



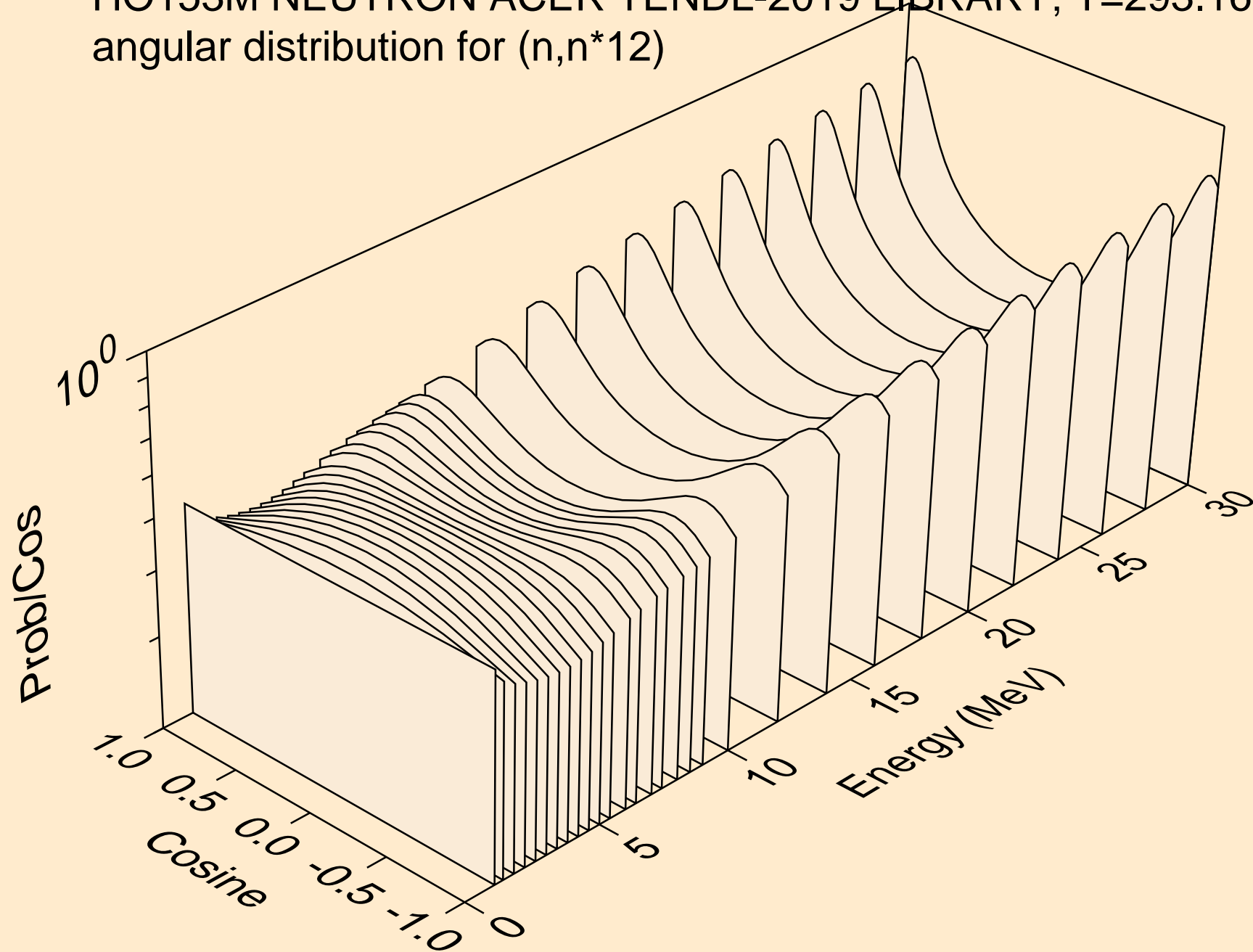
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angular distribution for (n,n*10)



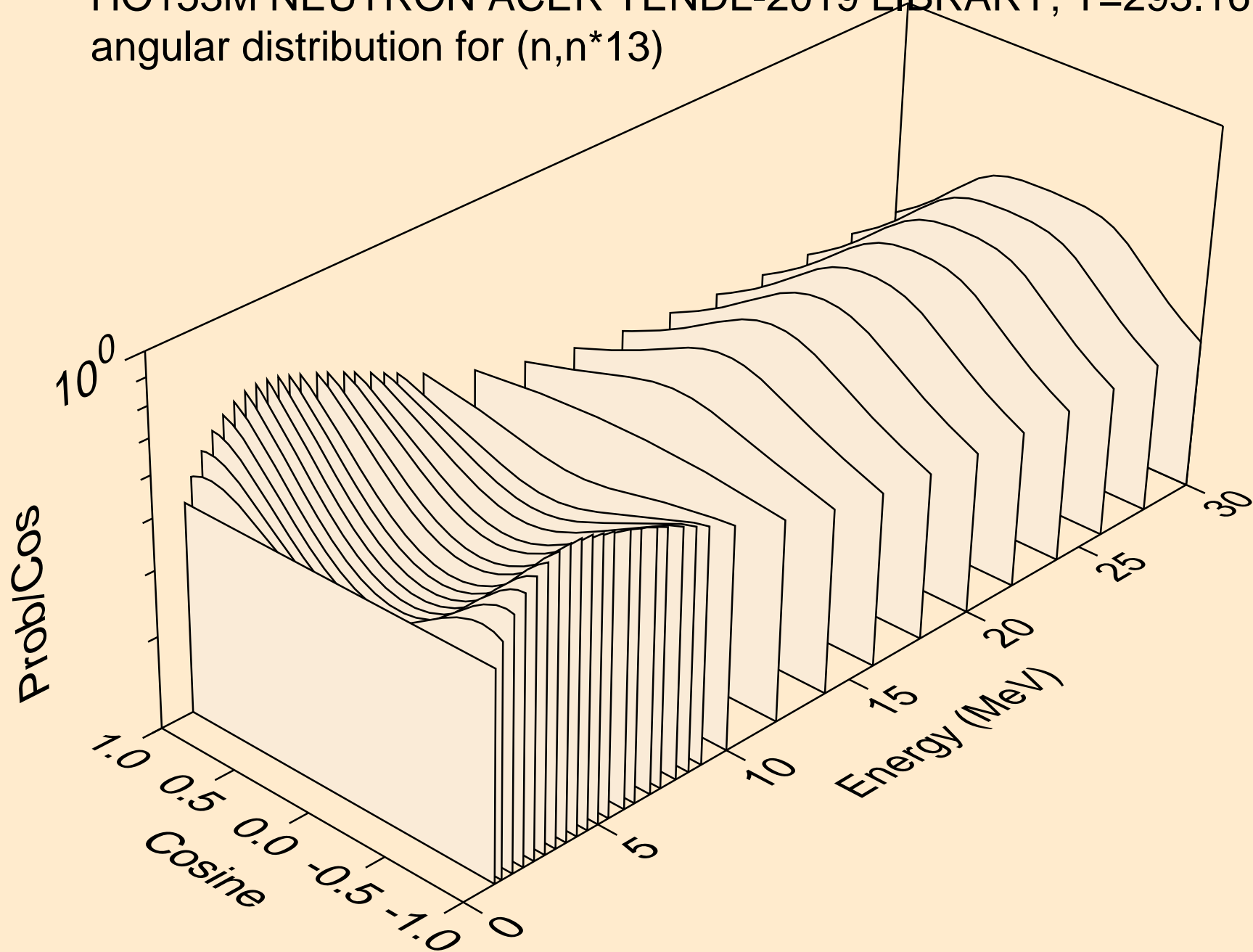
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angular distribution for (n,n*11)



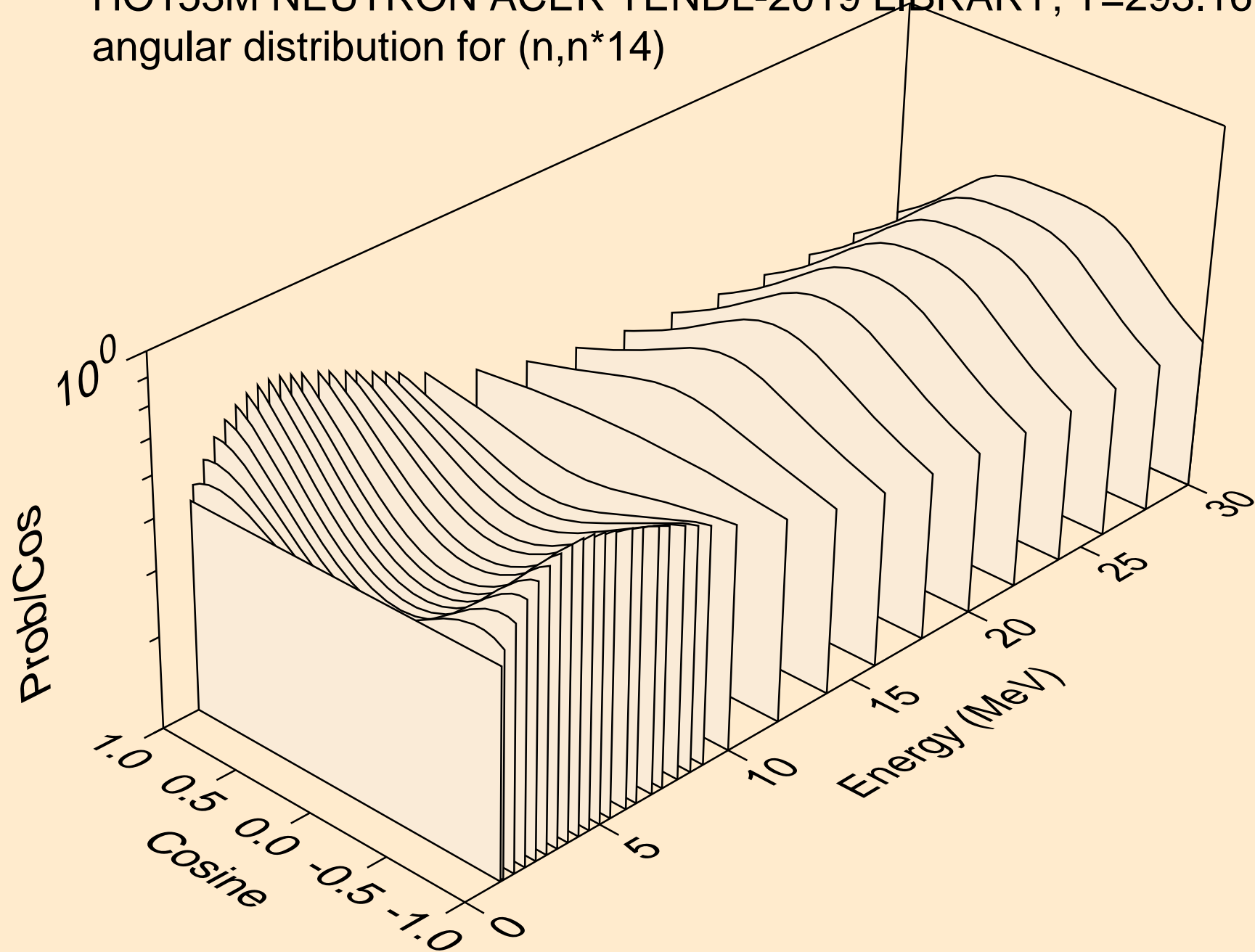
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angular distribution for (n,n*12)



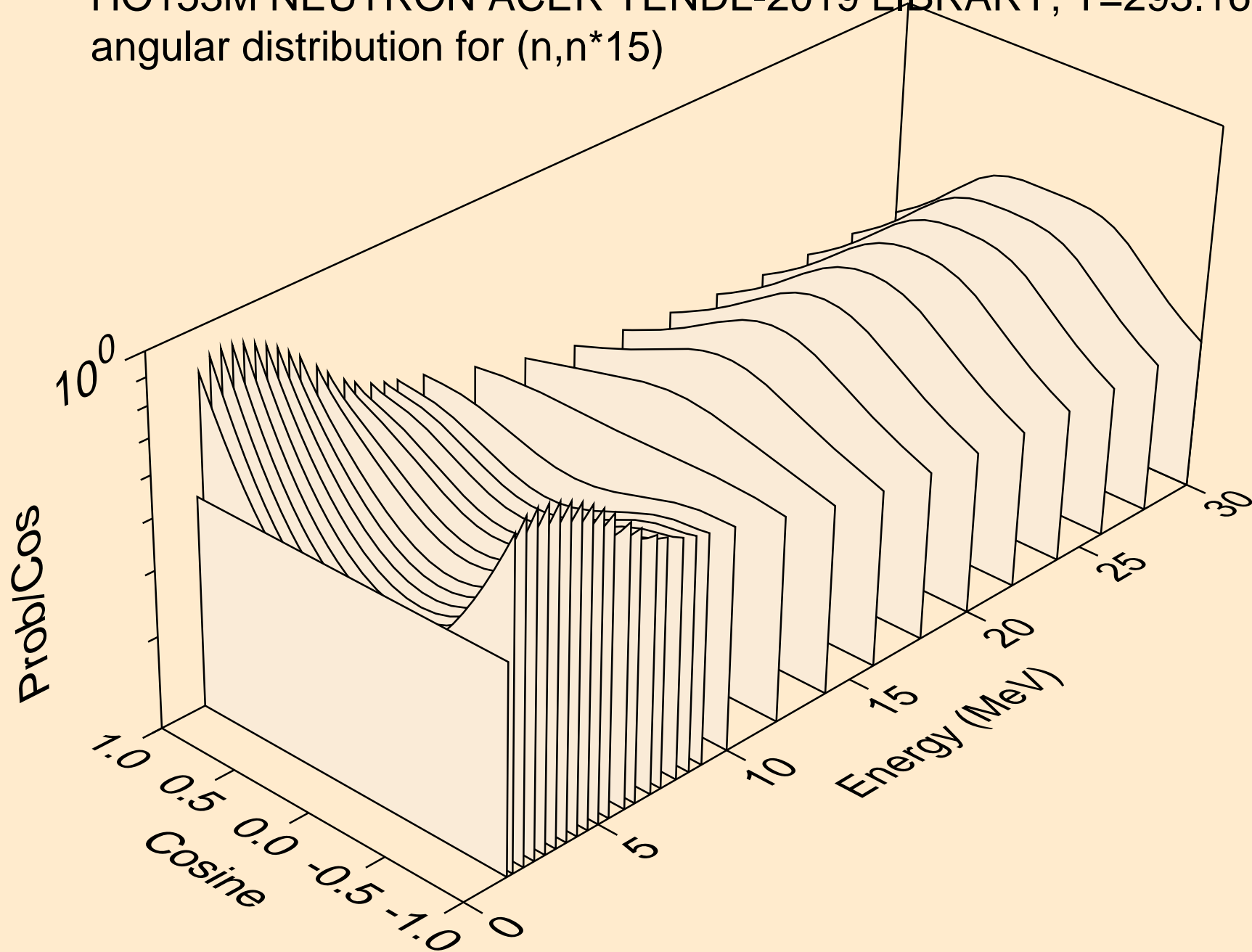
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angular distribution for (n,n*13)



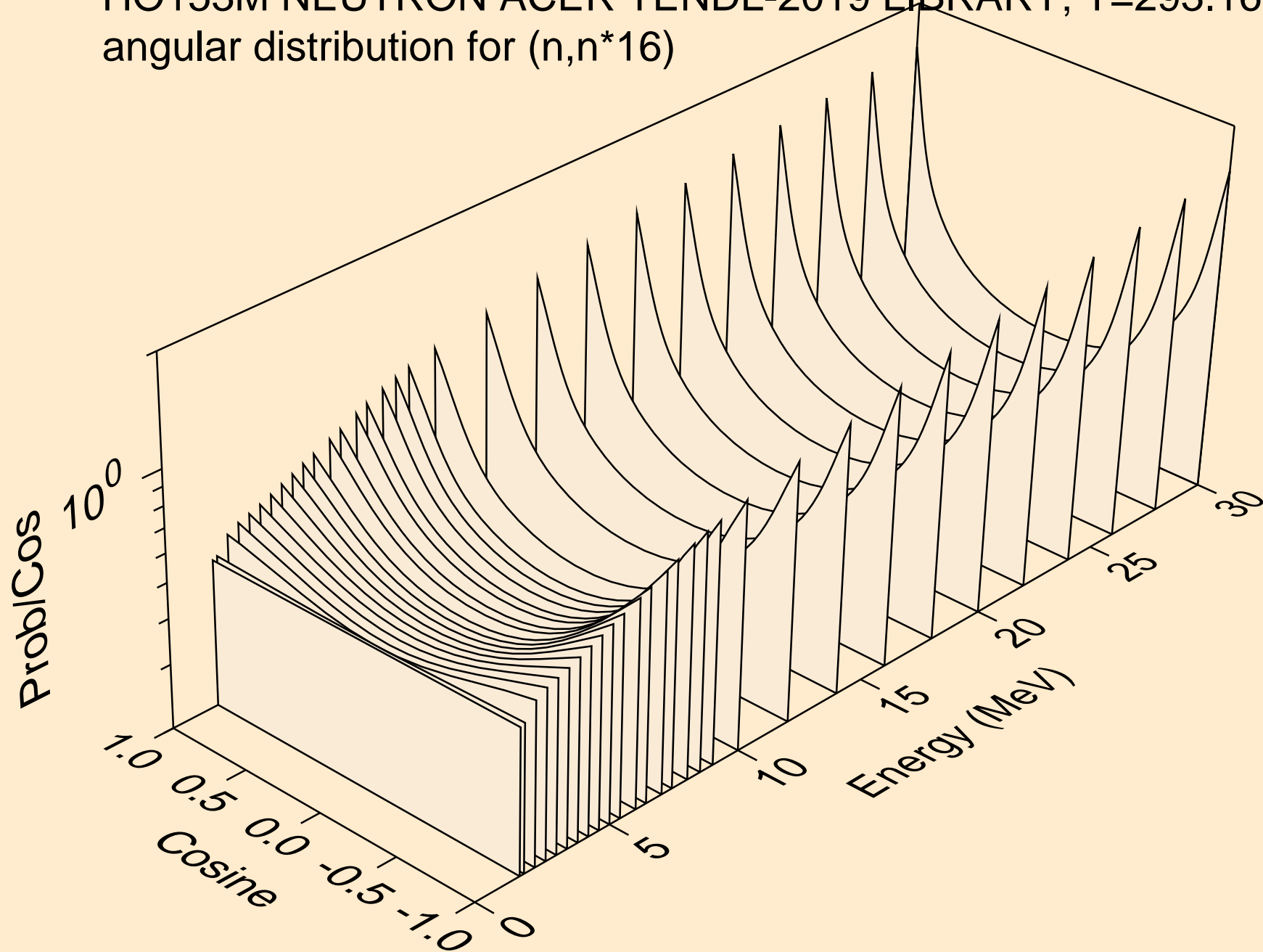
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angular distribution for (n,n*14)



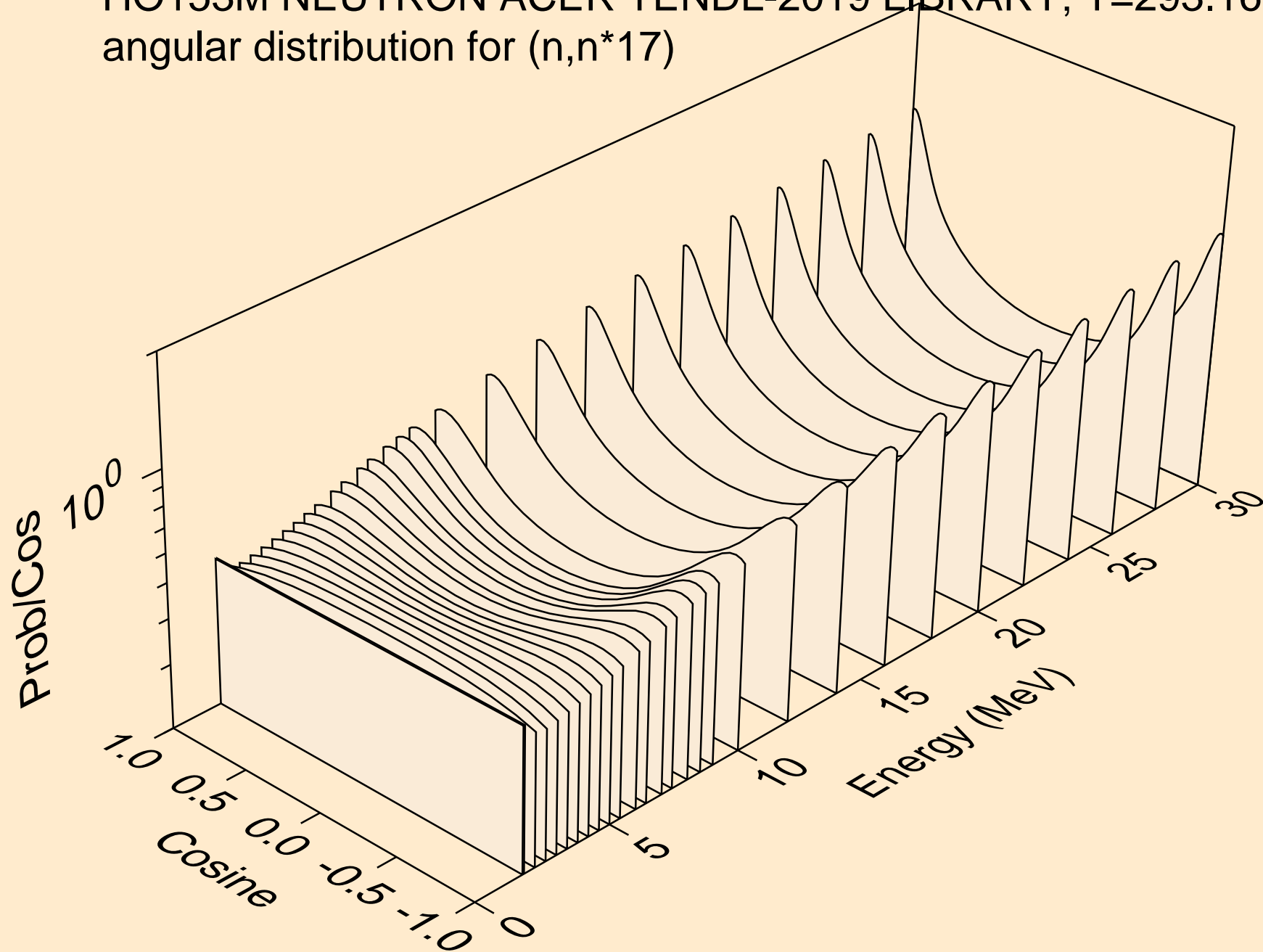
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angular distribution for (n,n*15)



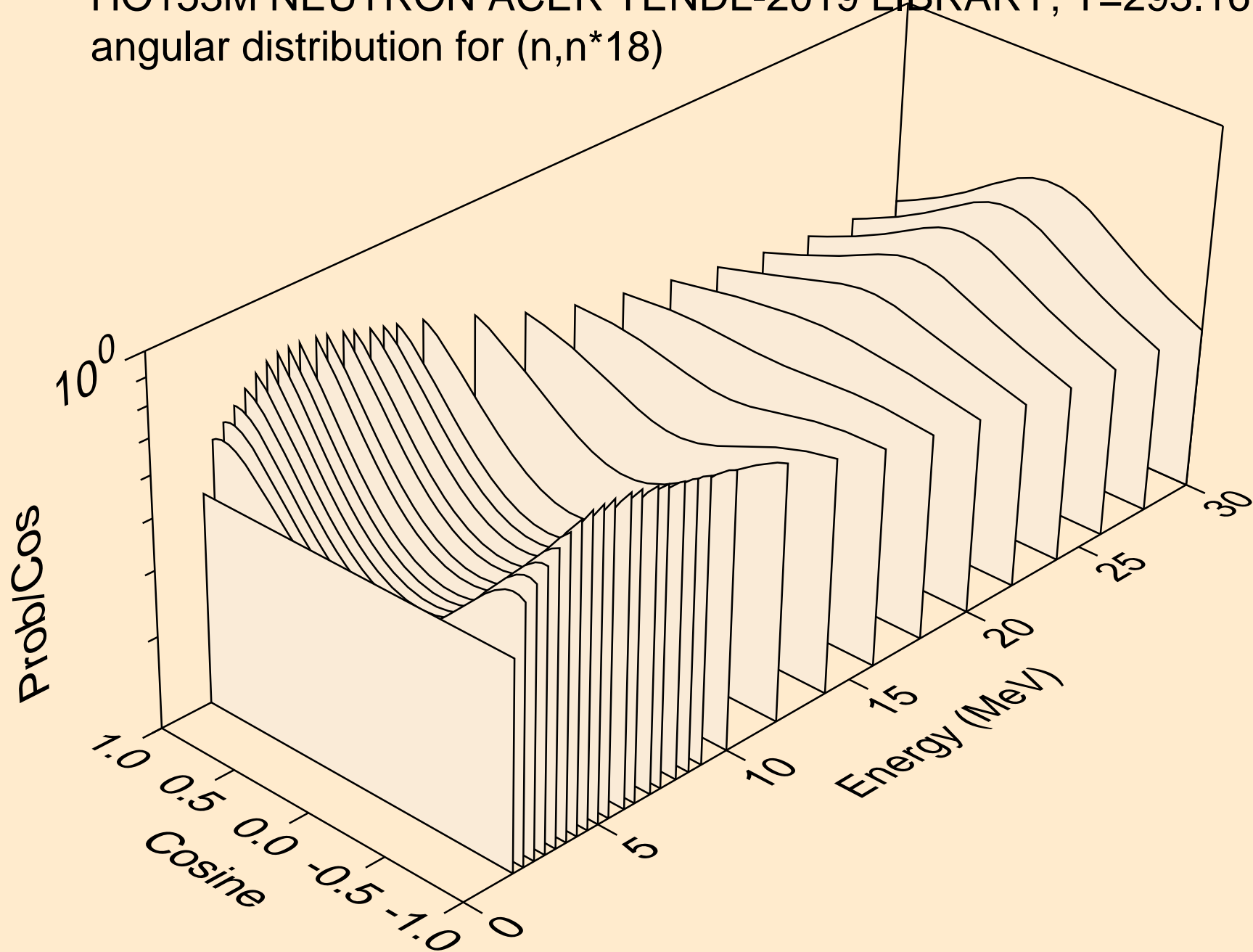
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angular distribution for (n,n*16)



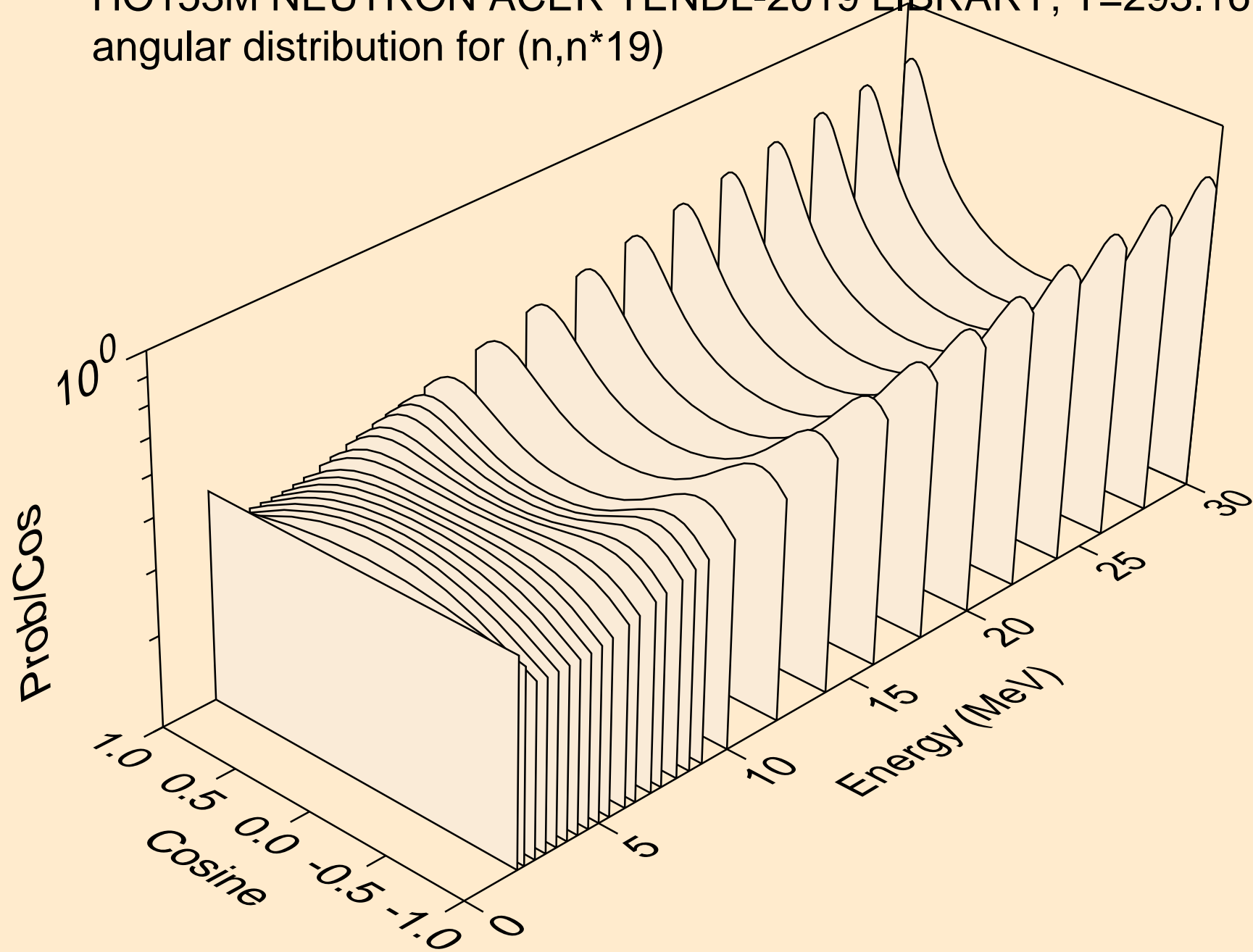
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angular distribution for (n,n*17)



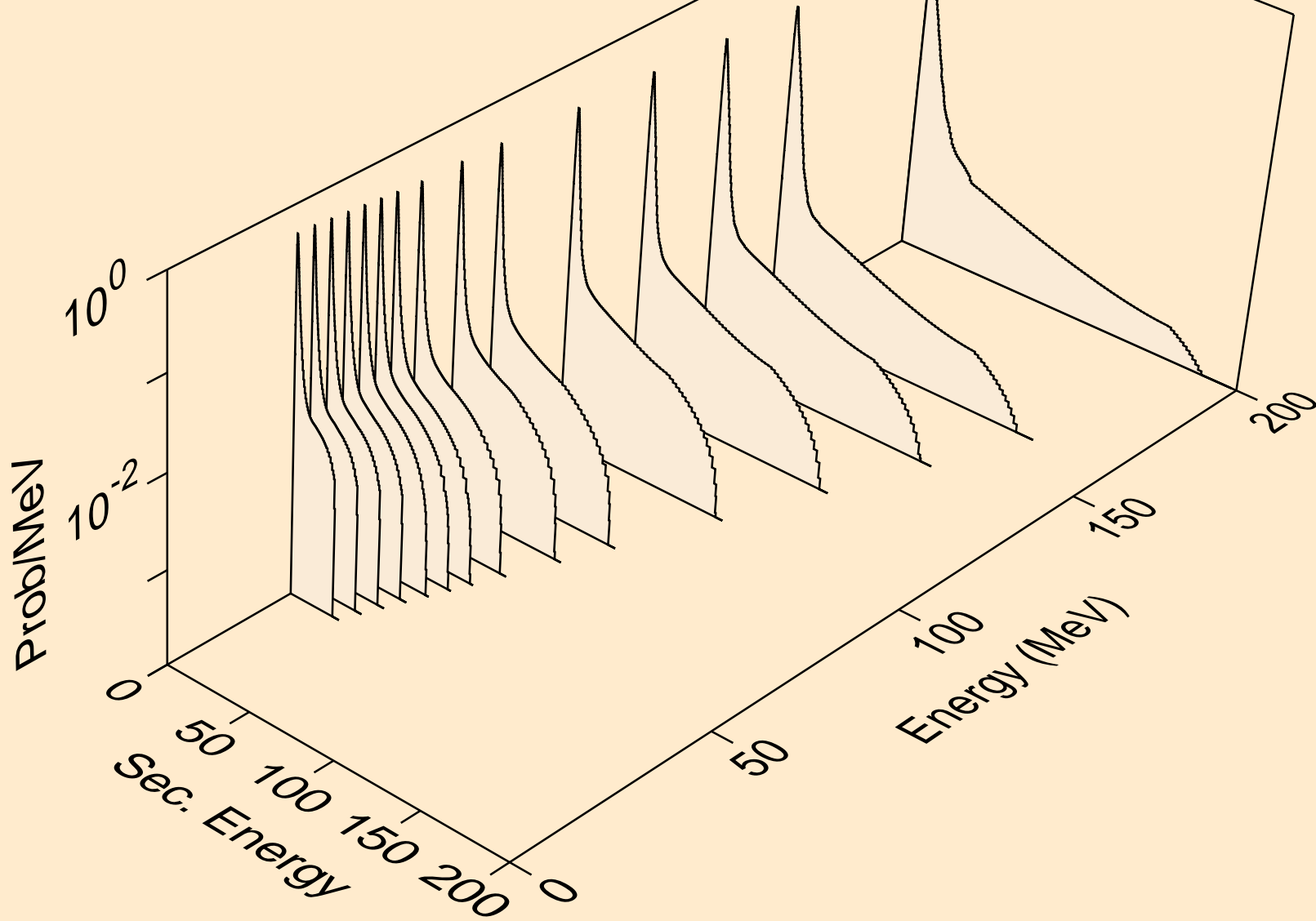
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angular distribution for (n,n*18)



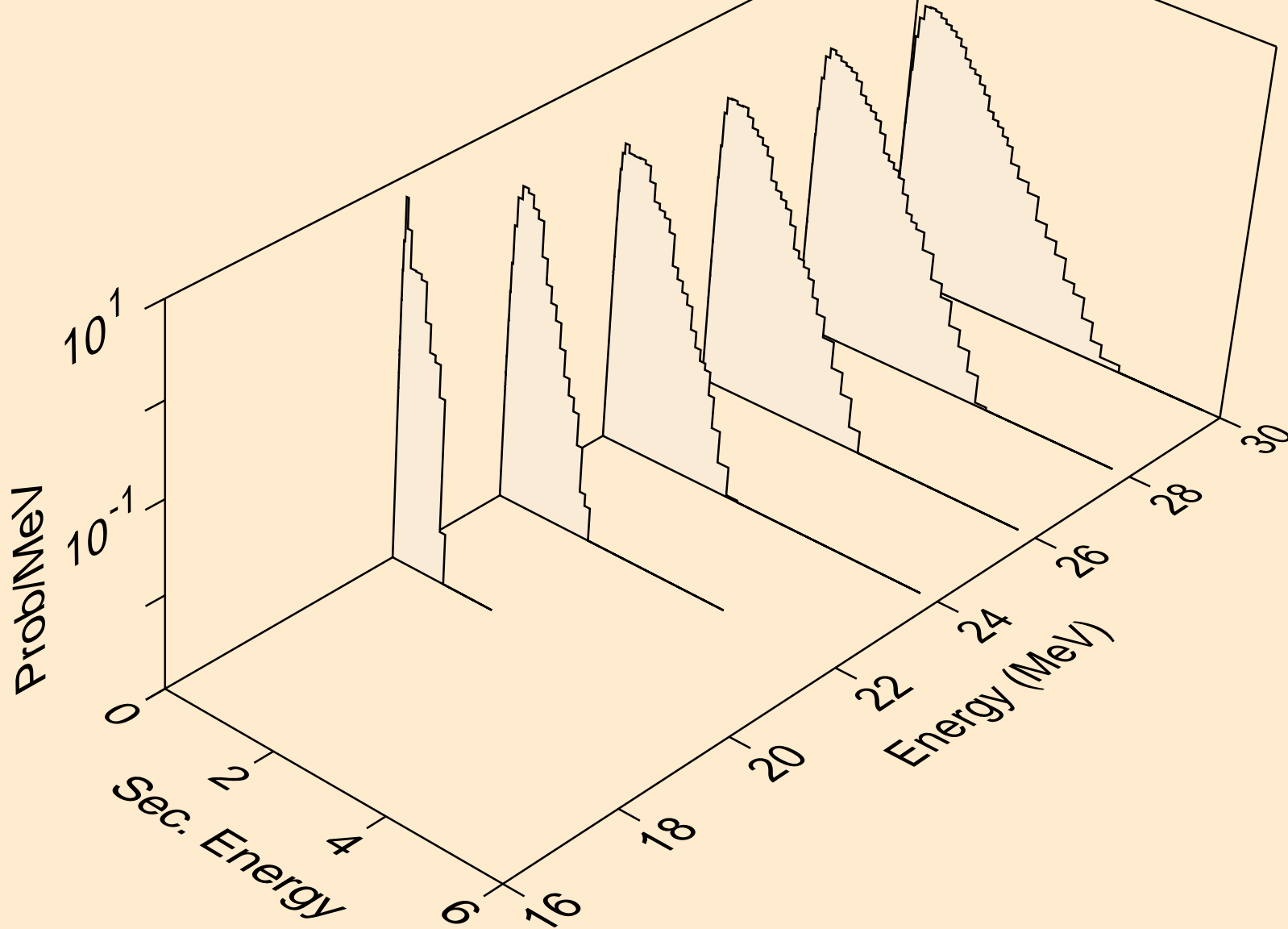
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angular distribution for (n,n*19)



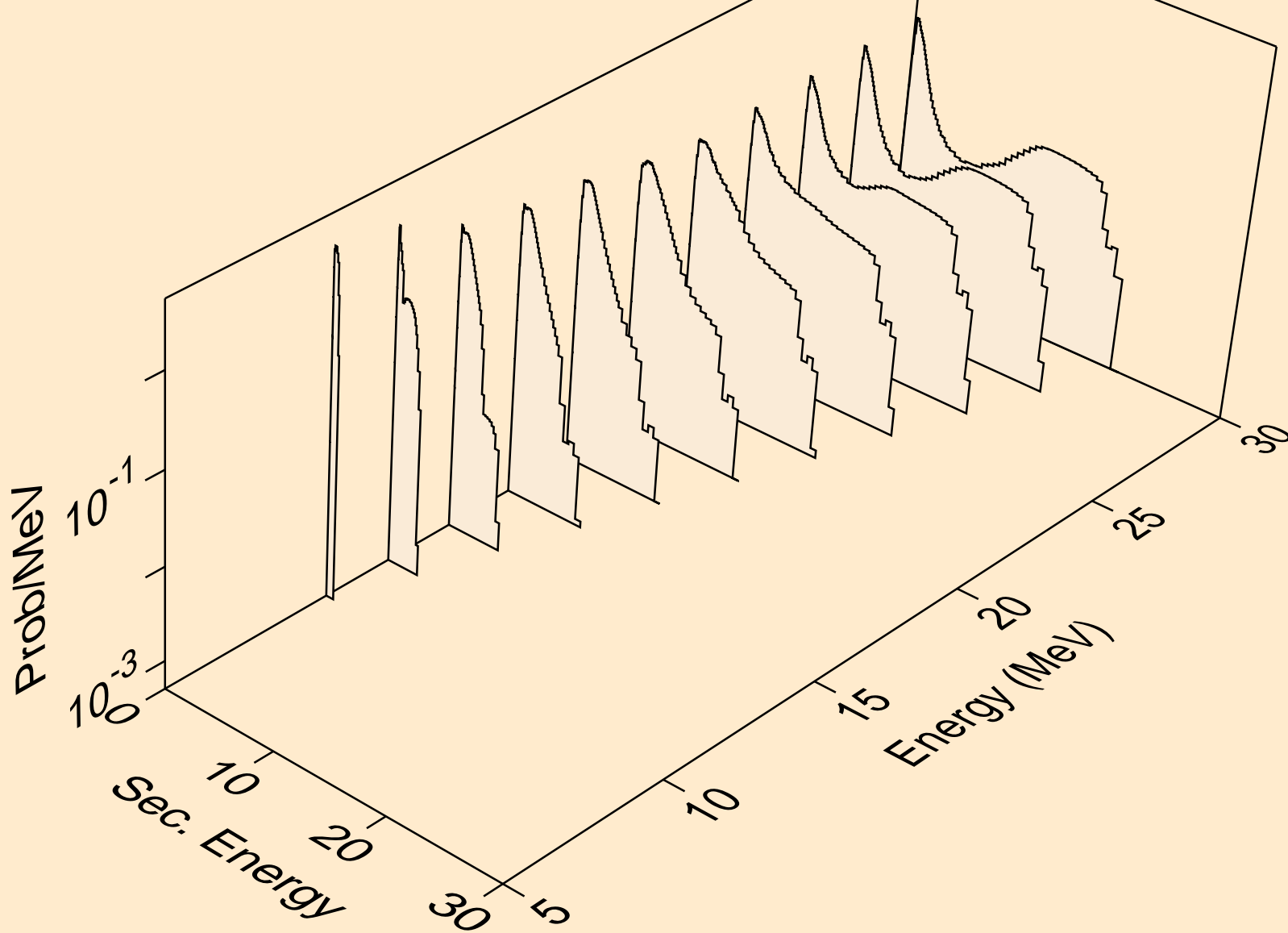
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



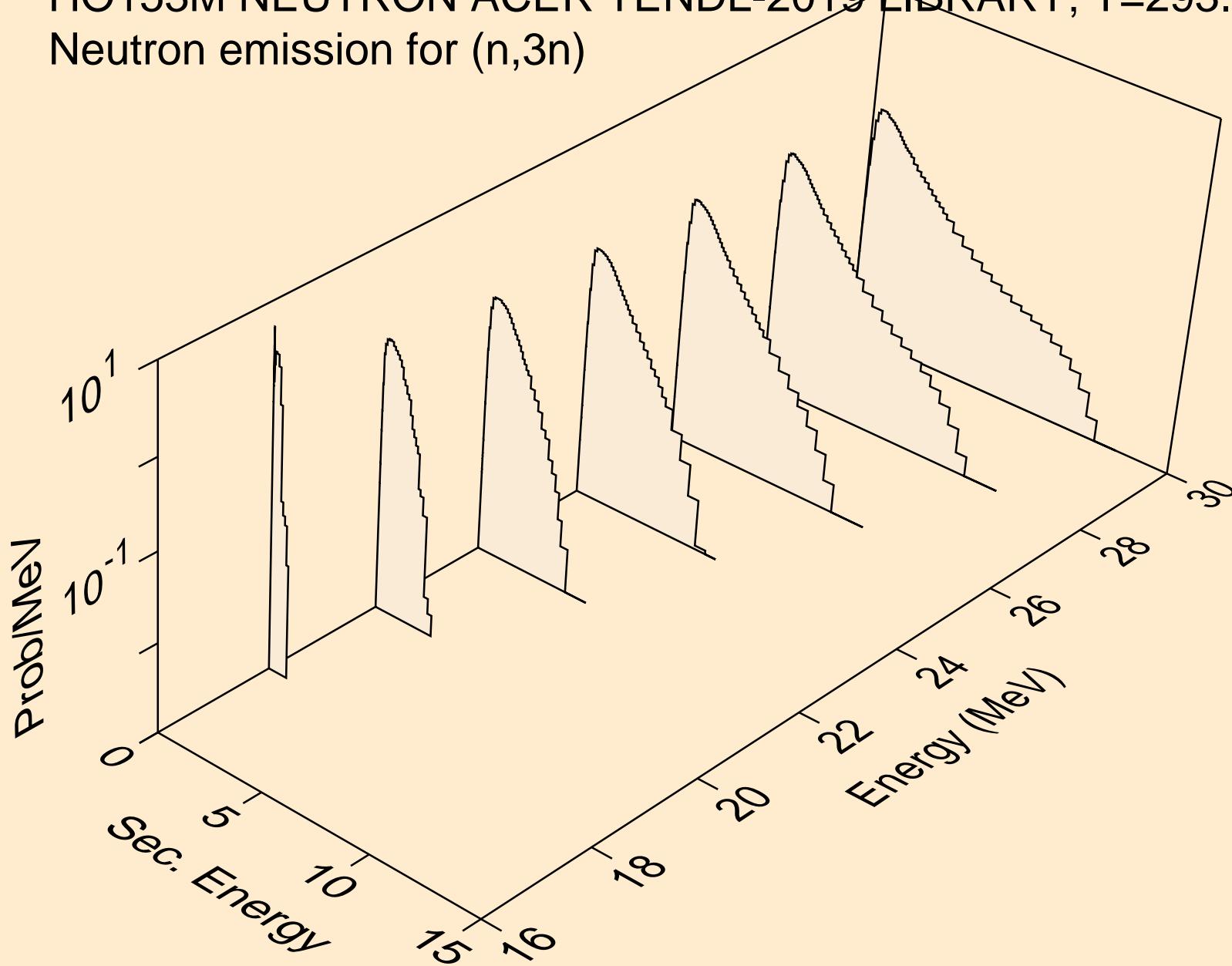
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



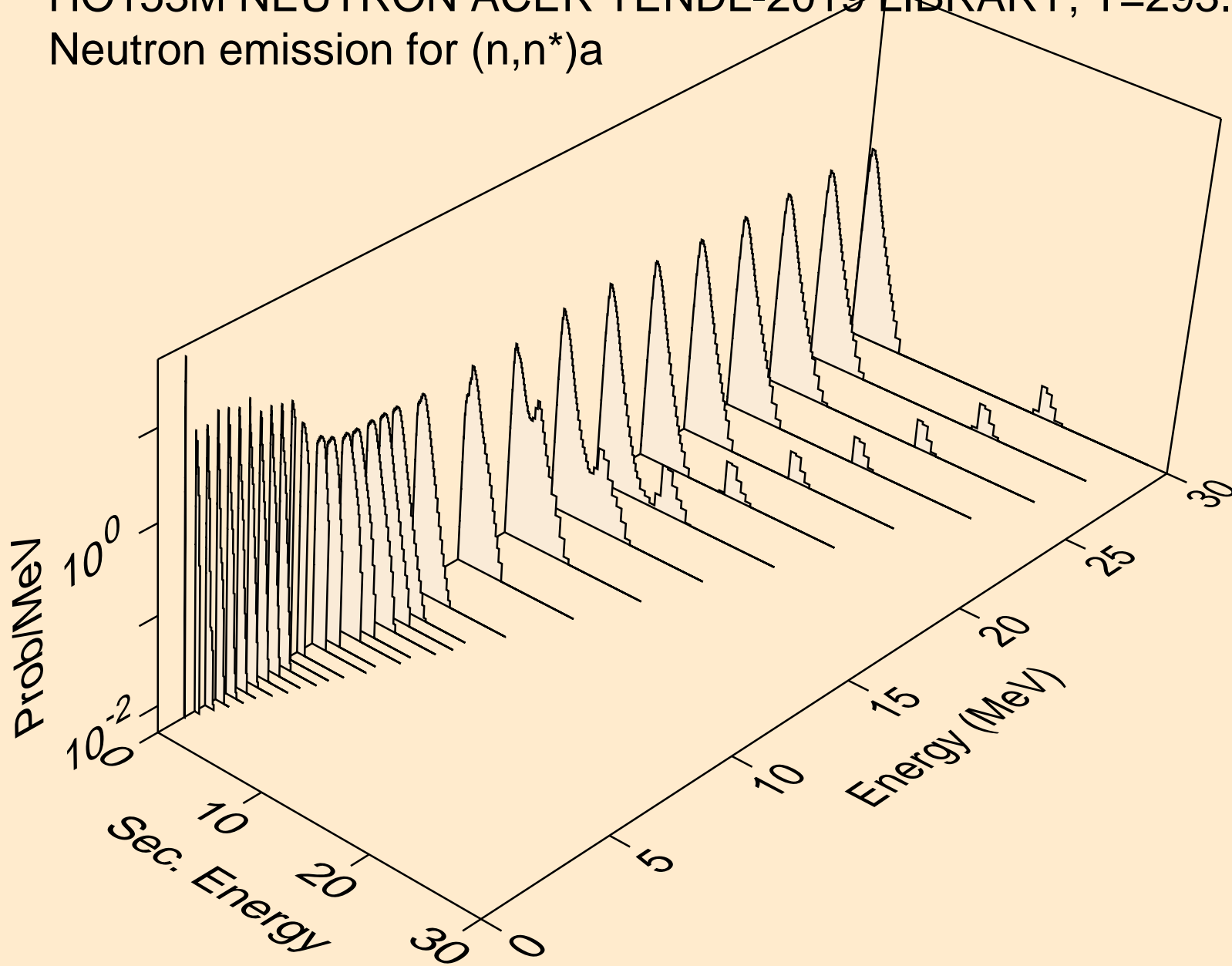
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



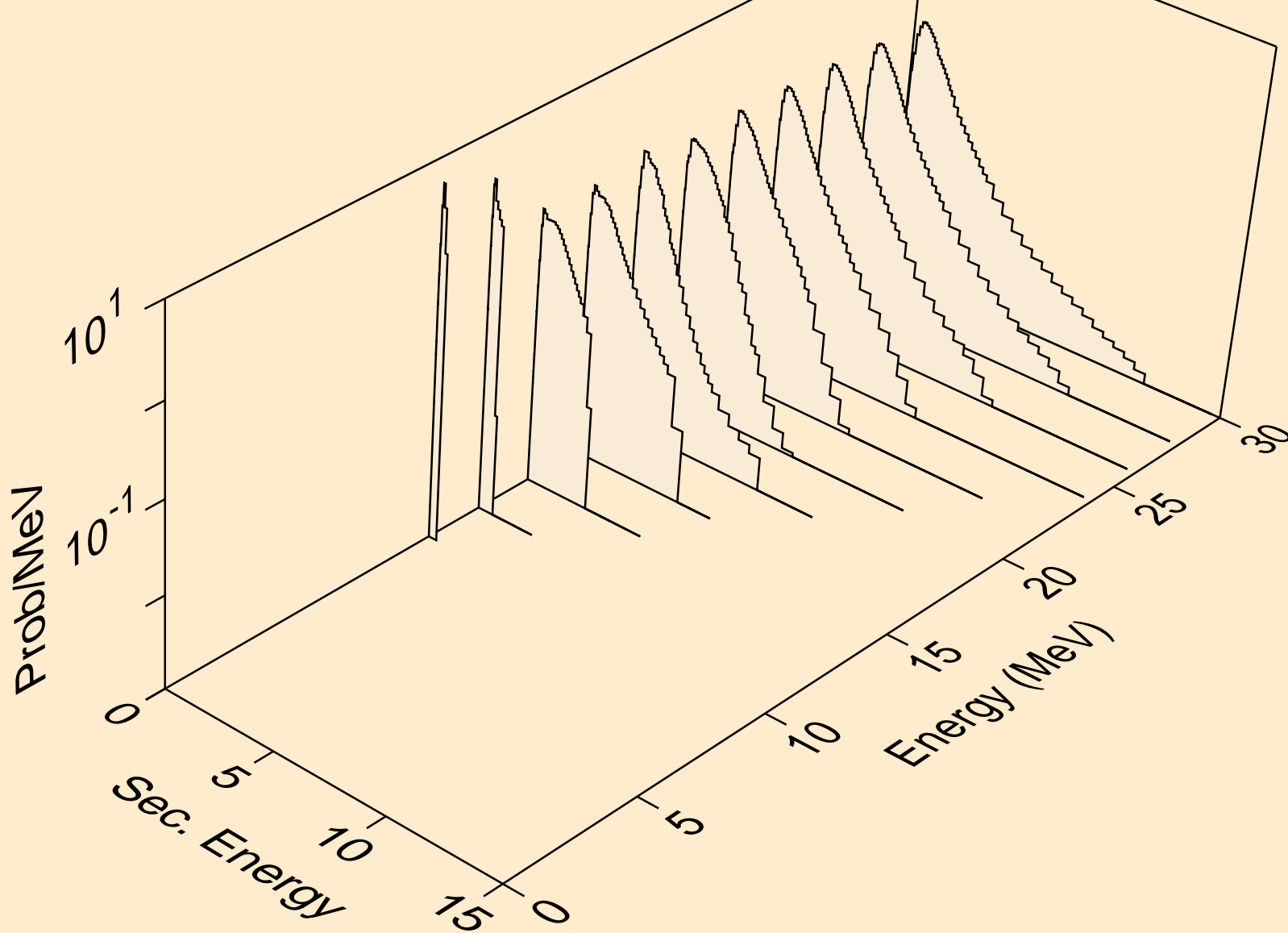
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



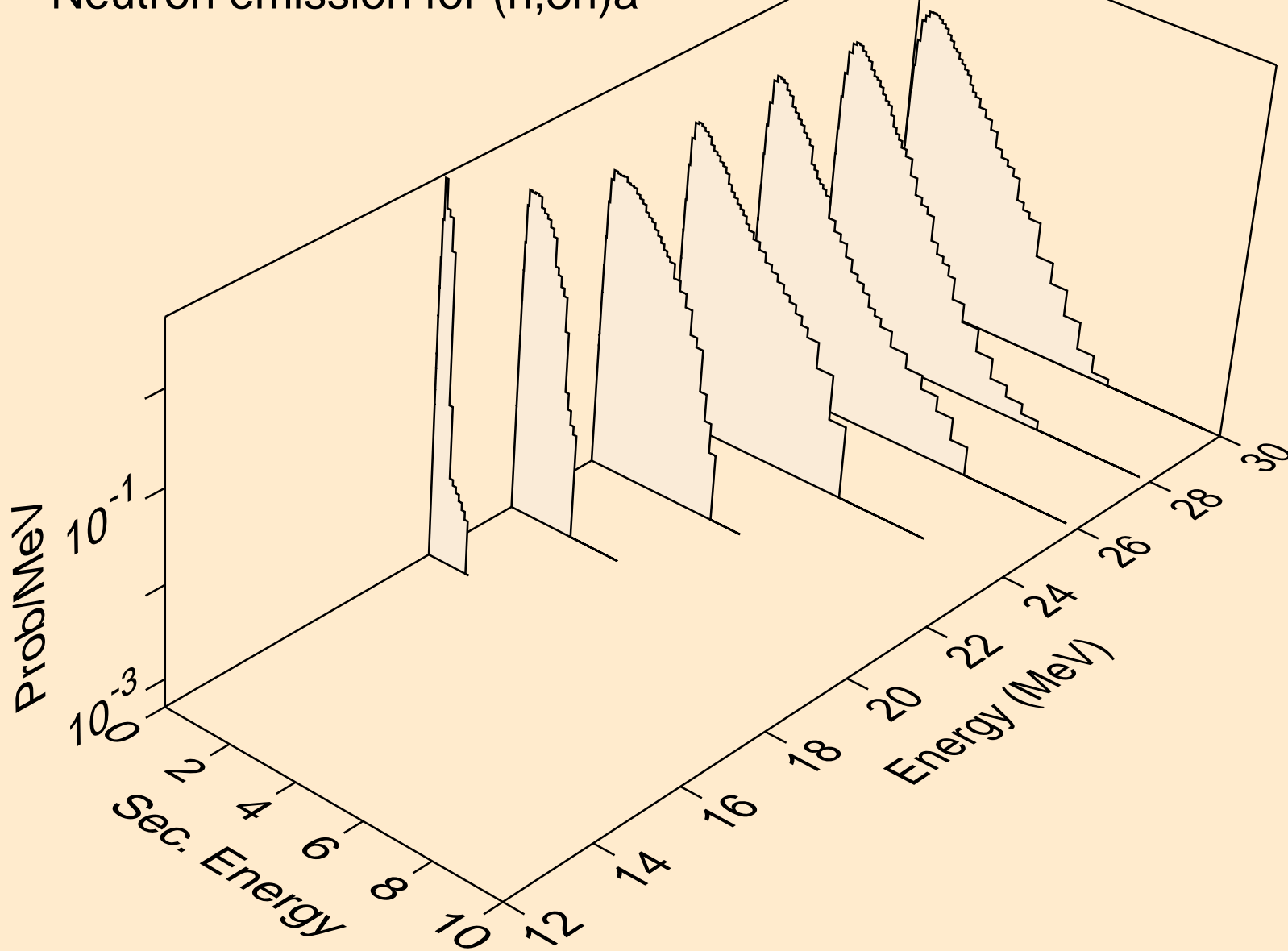
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



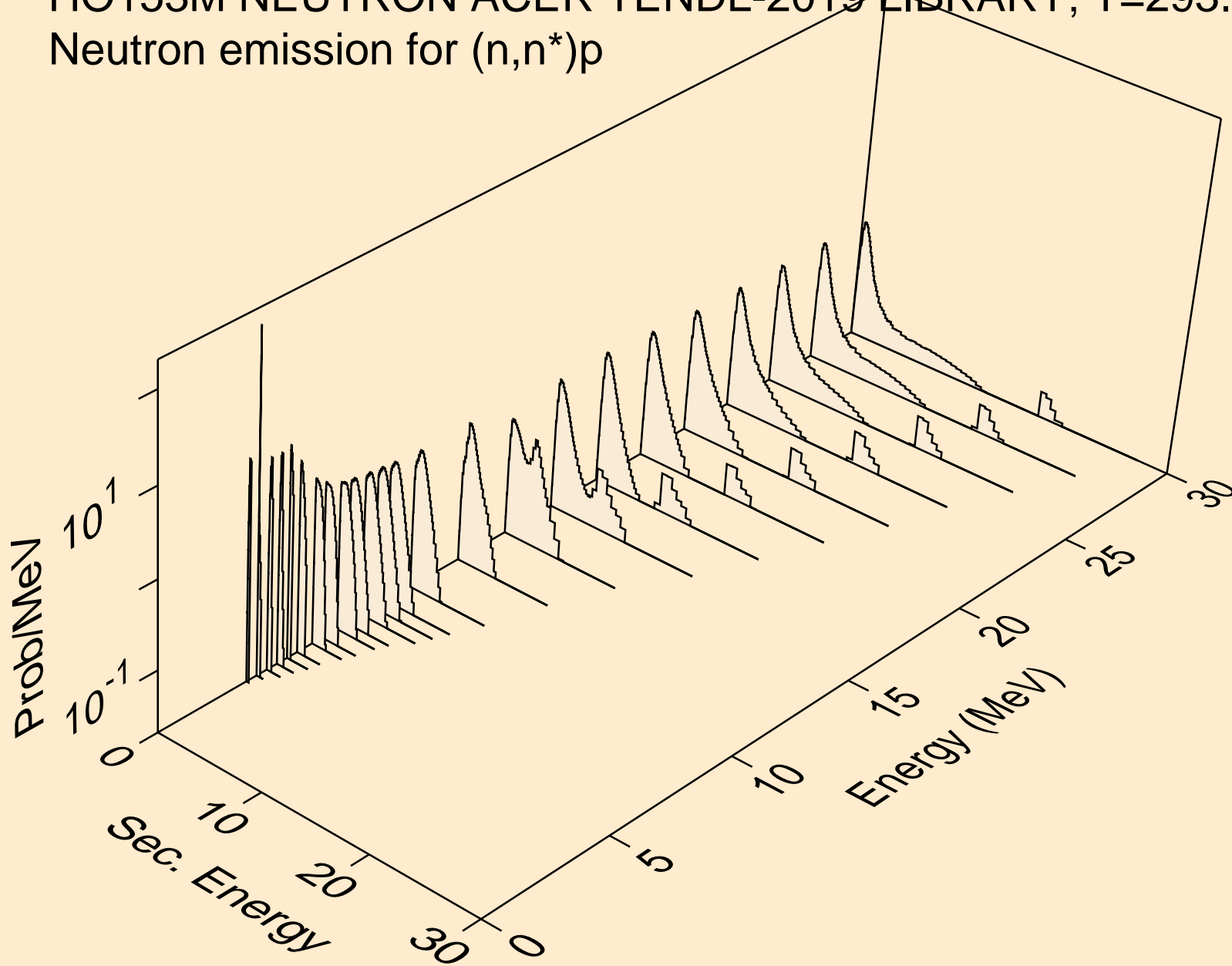
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



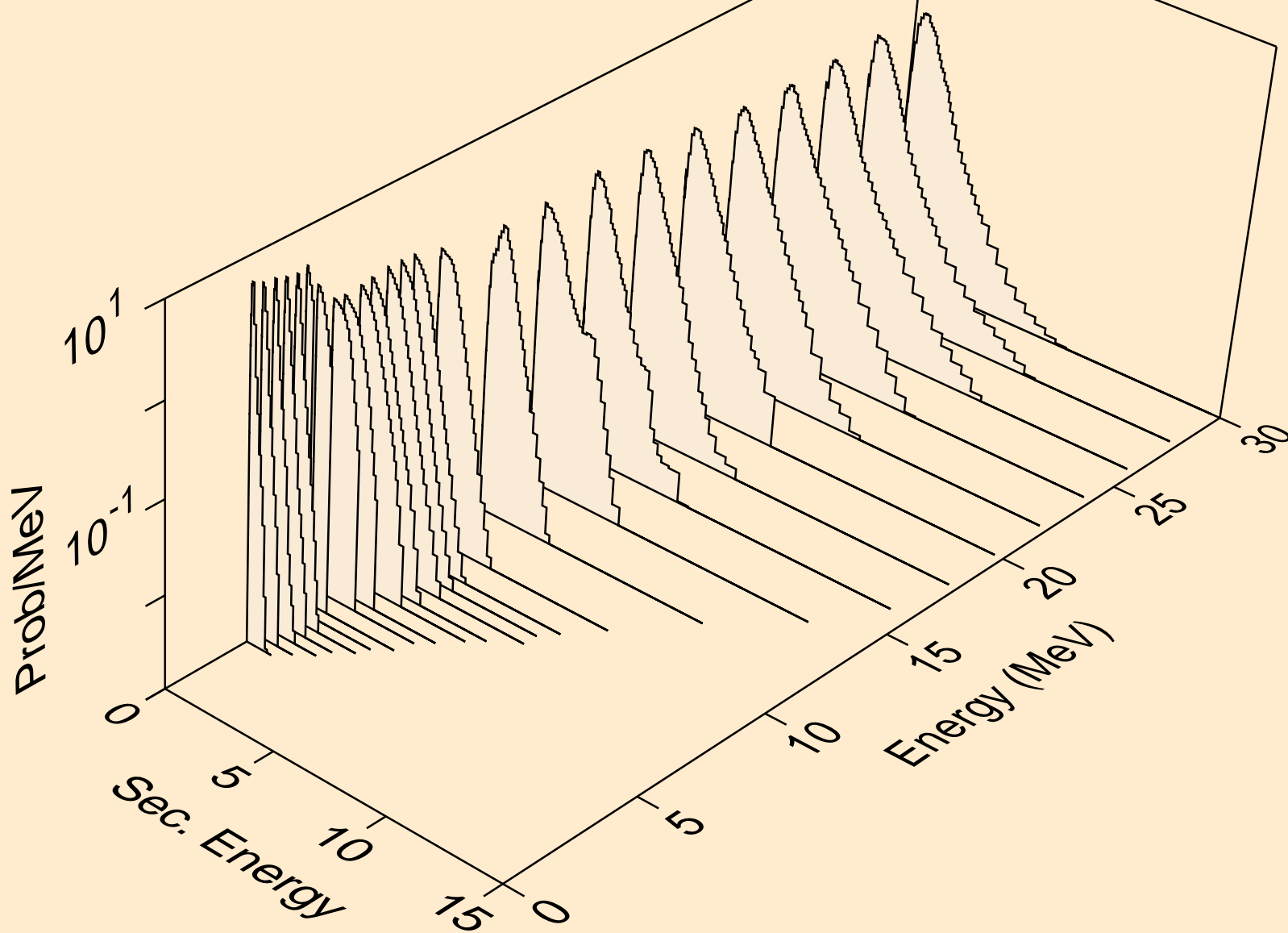
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Neutron emission for (n,3n)a



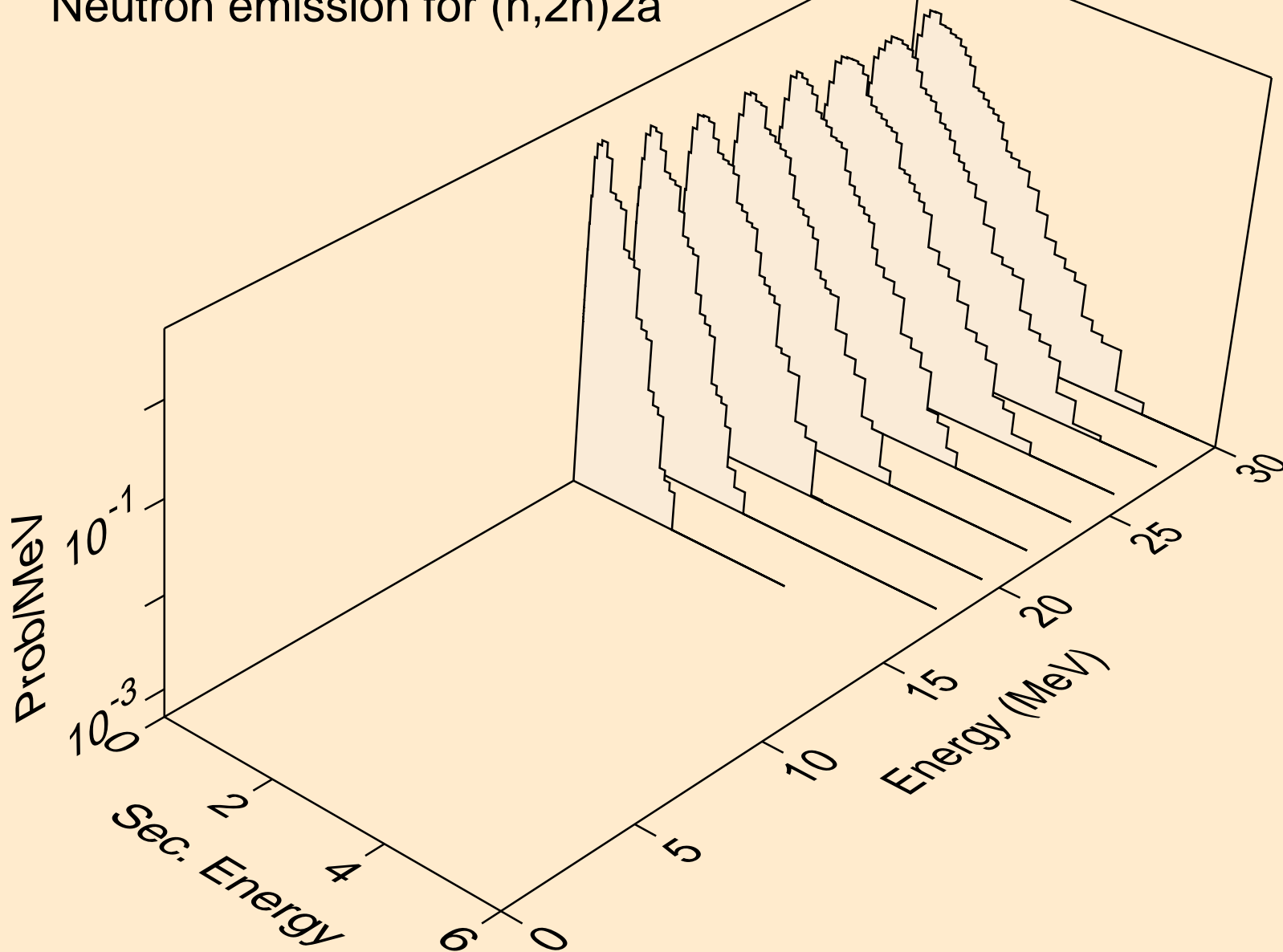
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



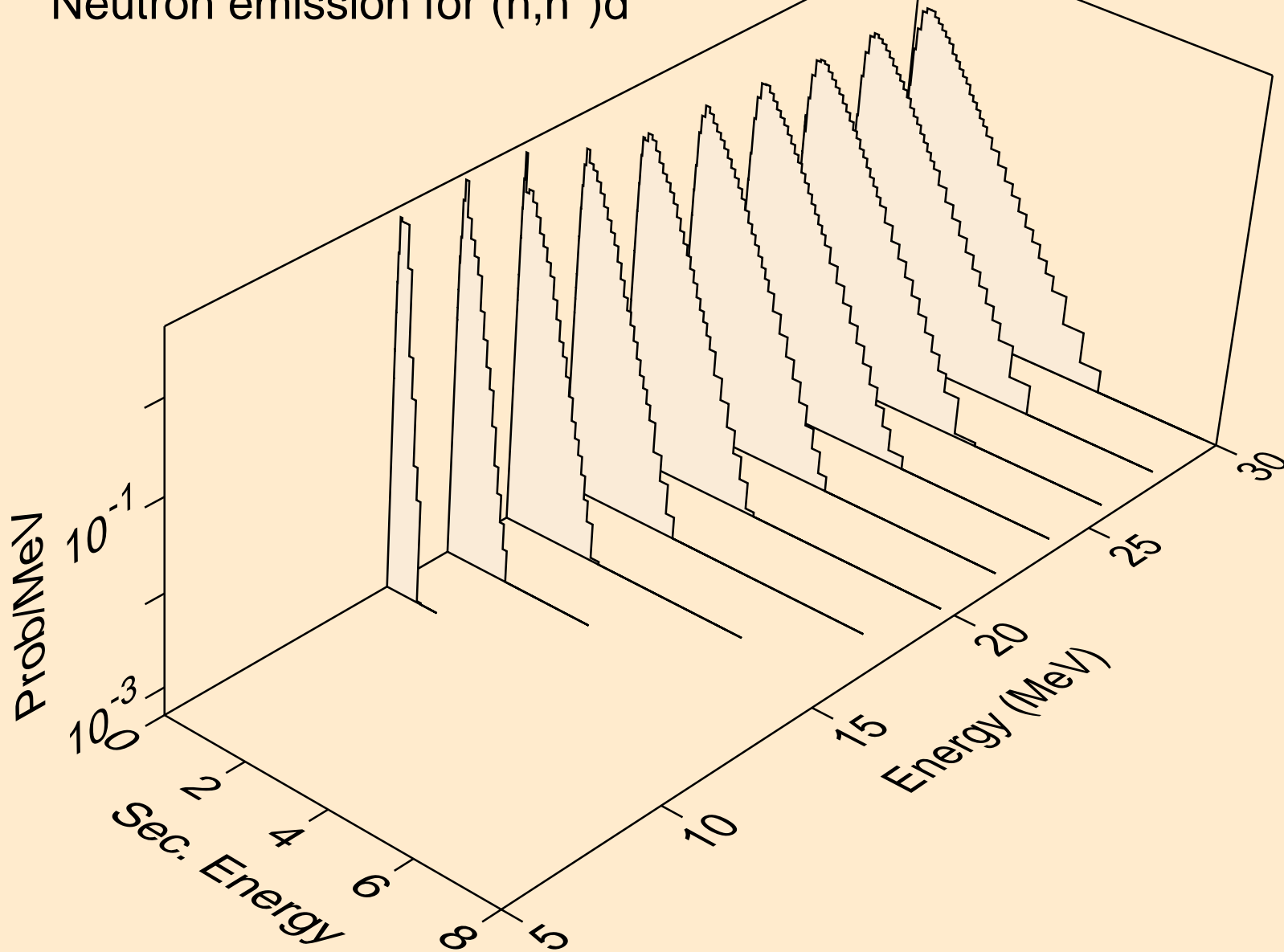
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Neutron emission for (n,n*)2a



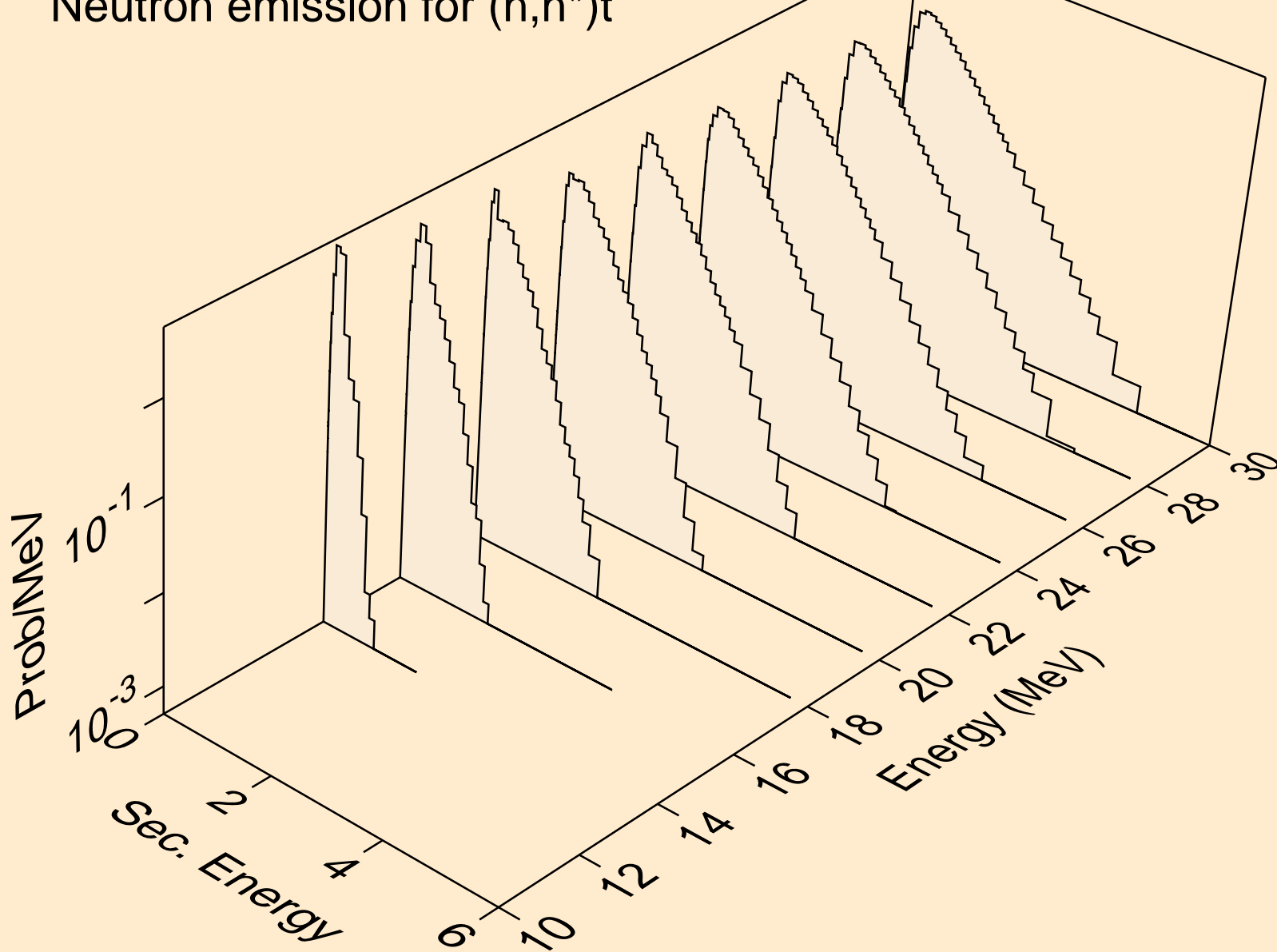
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Neutron emission for (n,2n)2a



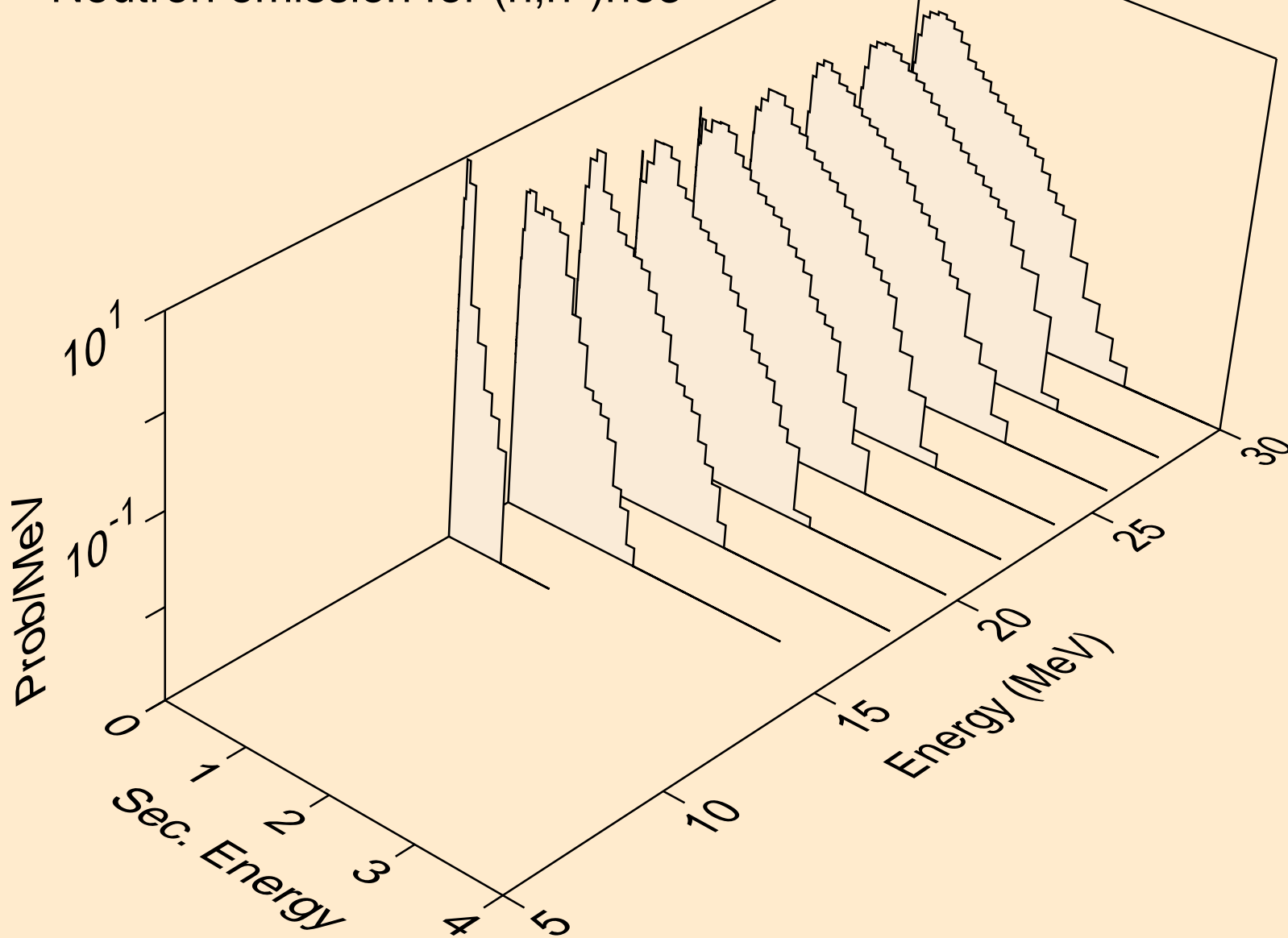
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



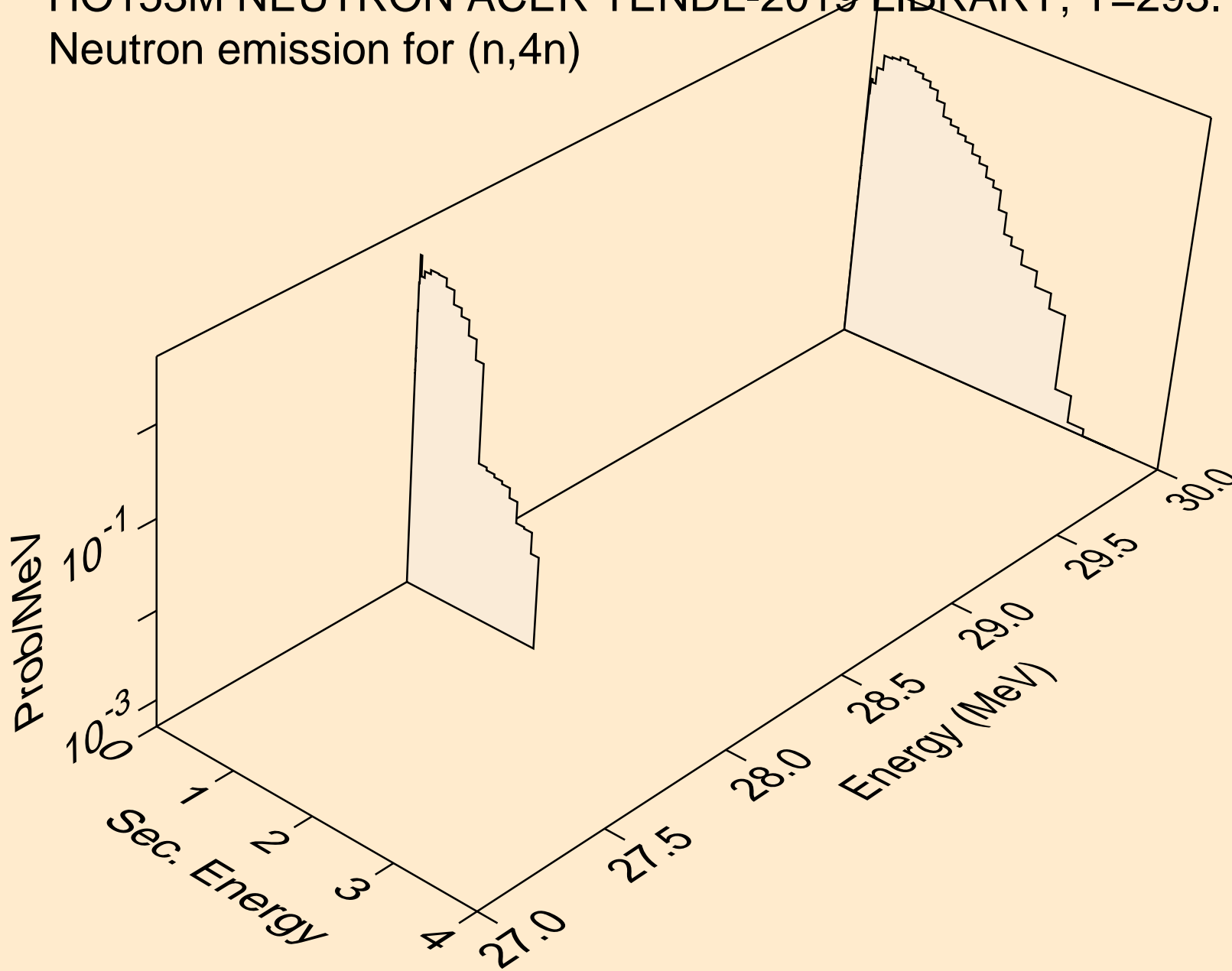
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



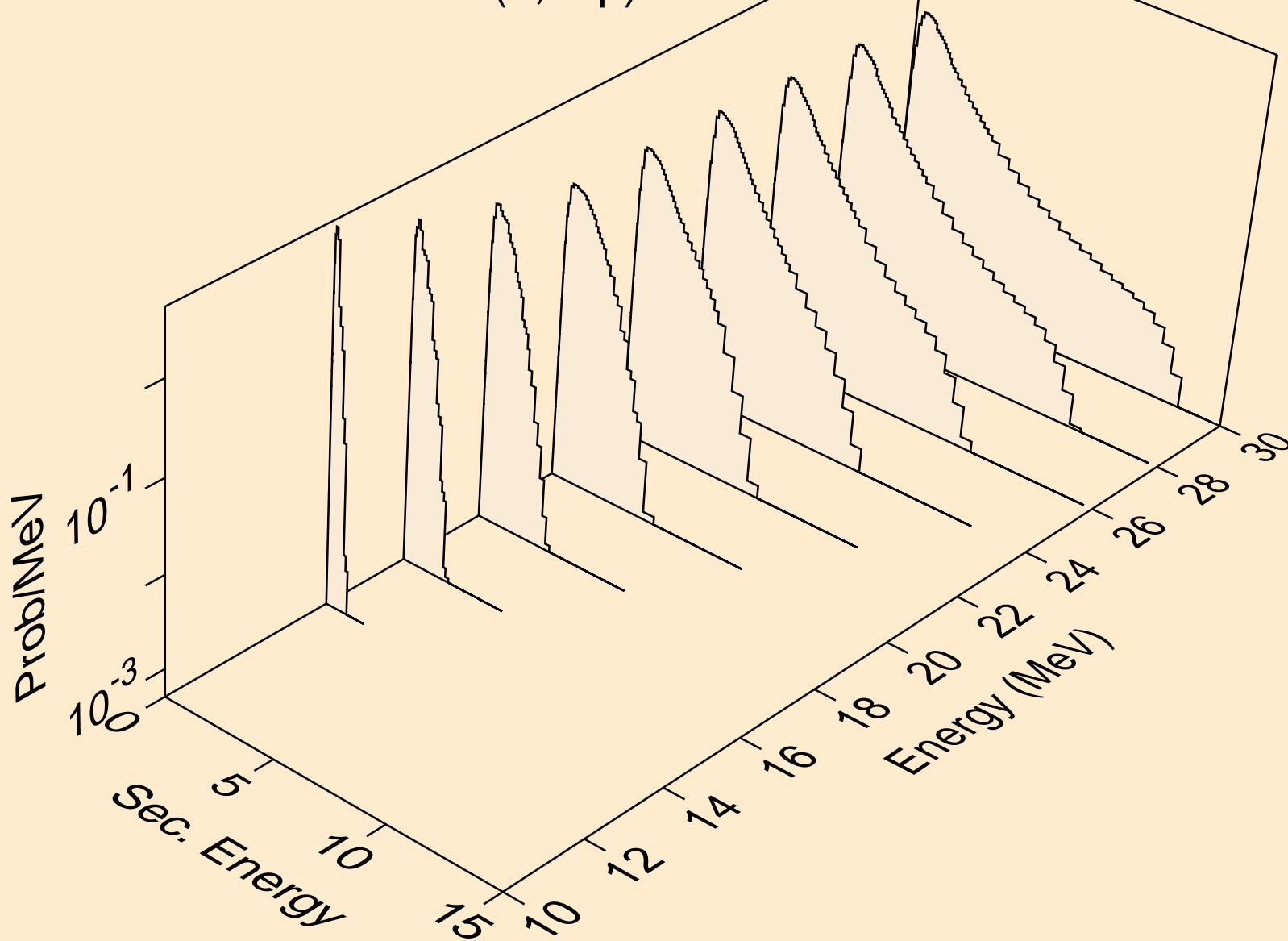
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



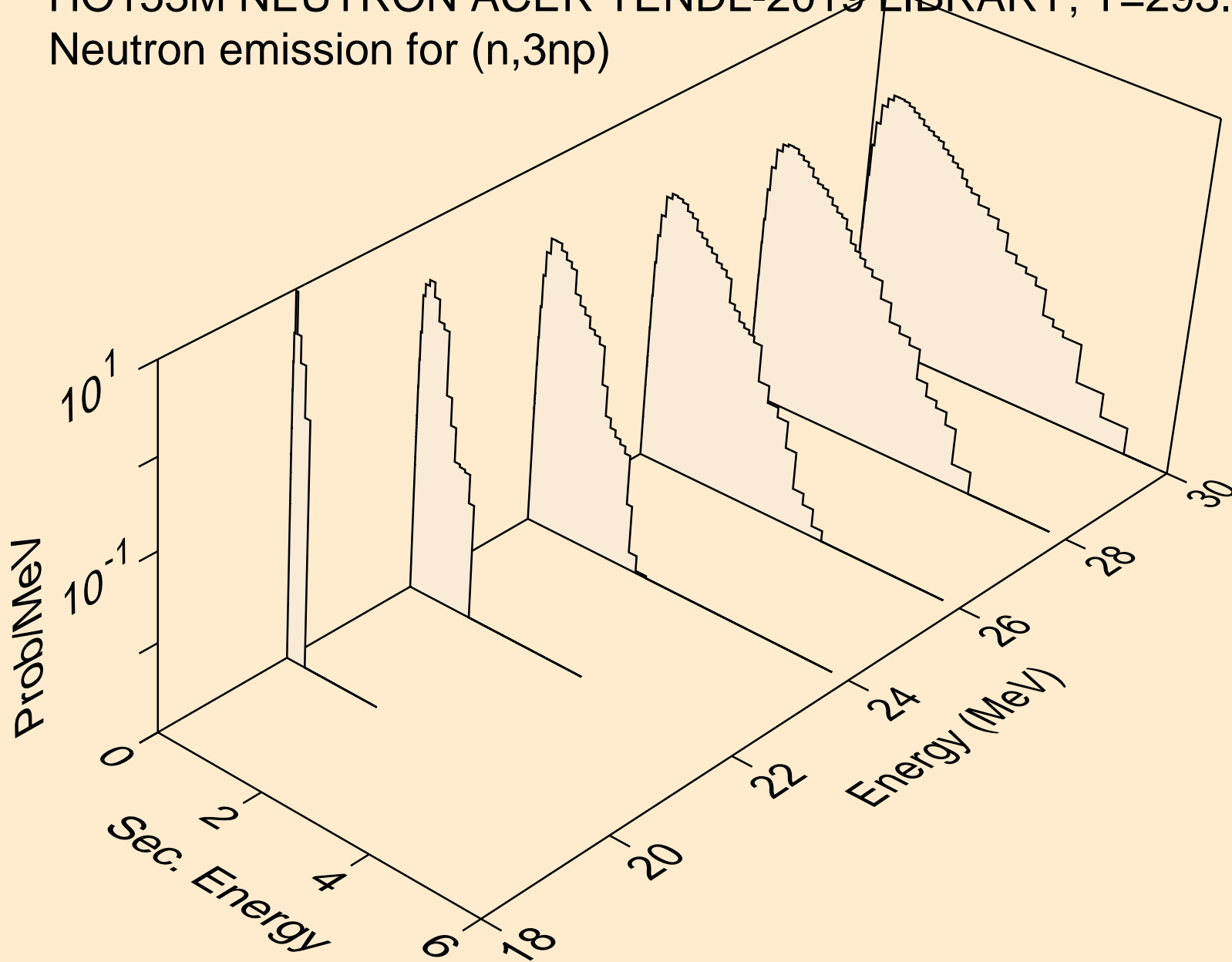
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Neutron emission for (n,4n)



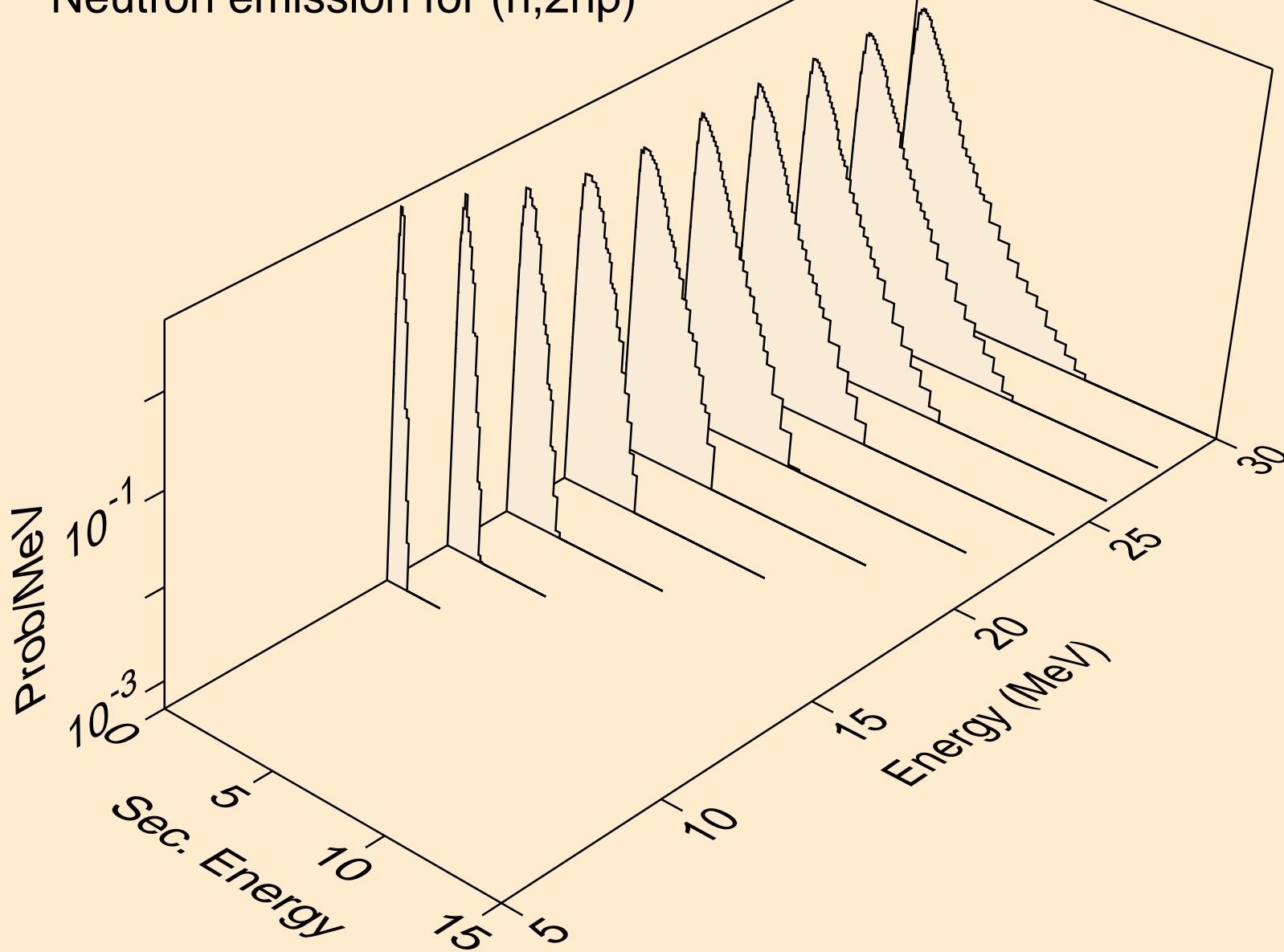
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



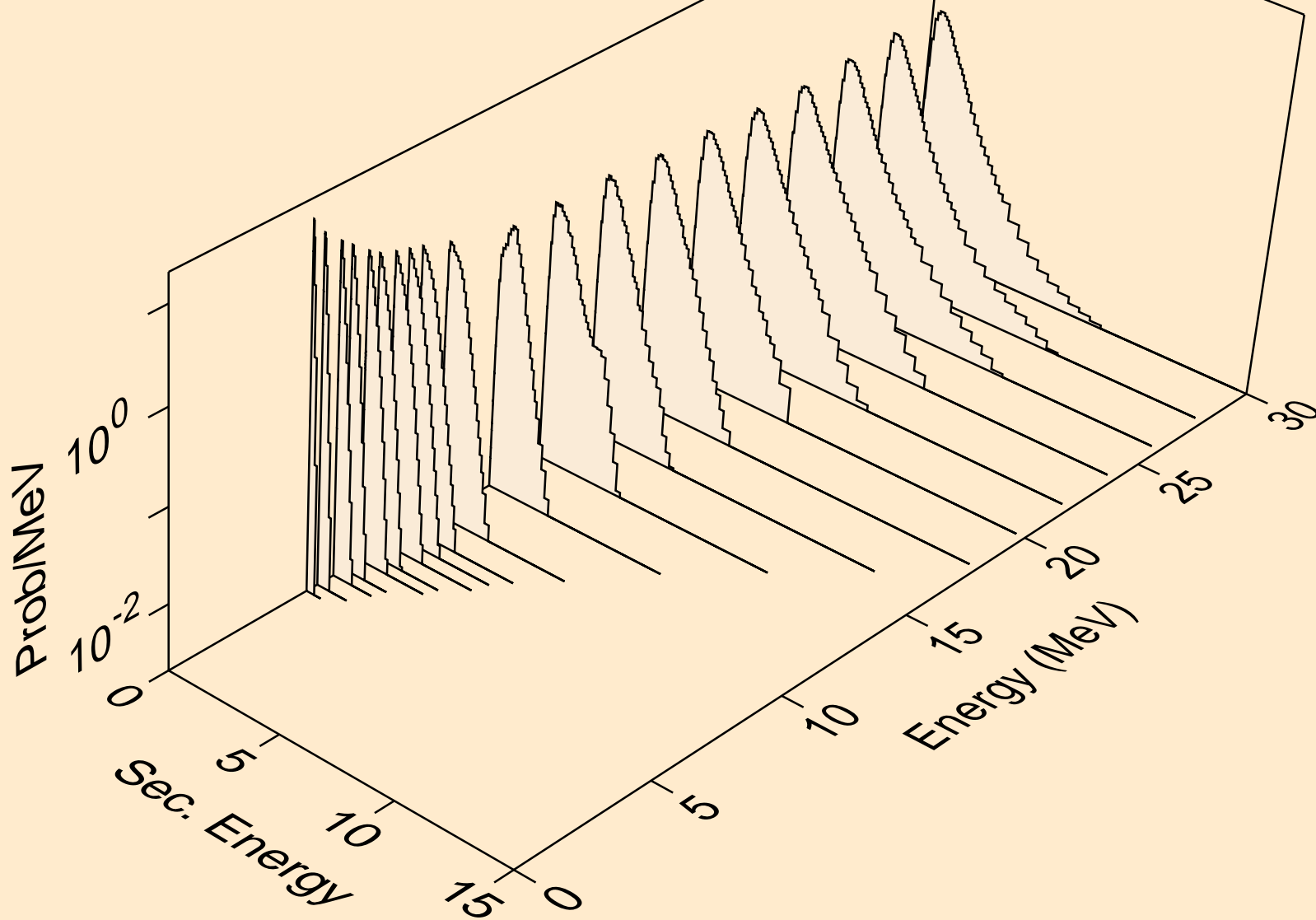
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Neutron emission for (n,3np)



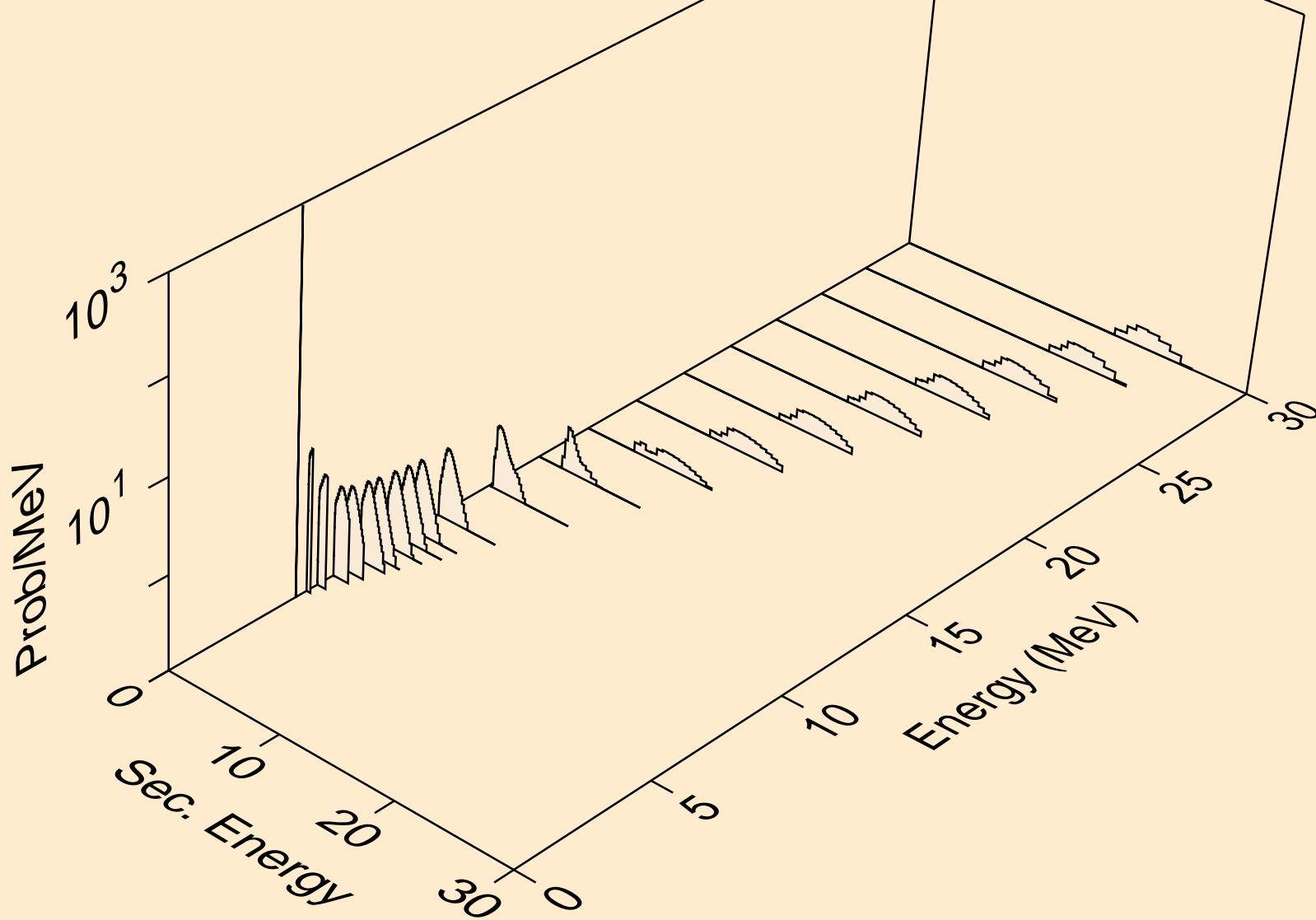
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Neutron emission for (n,2np)



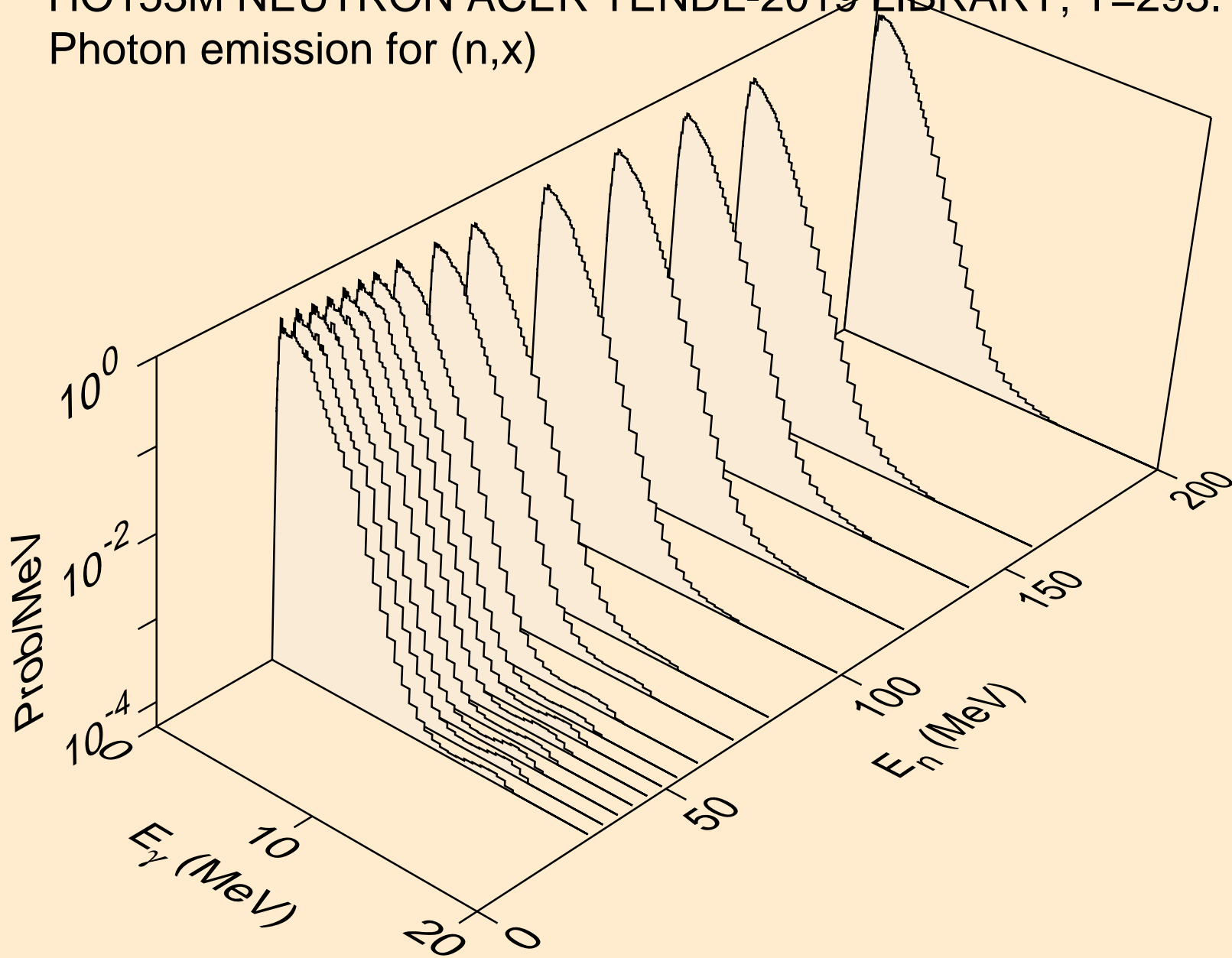
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Neutron emission for (n,npa)



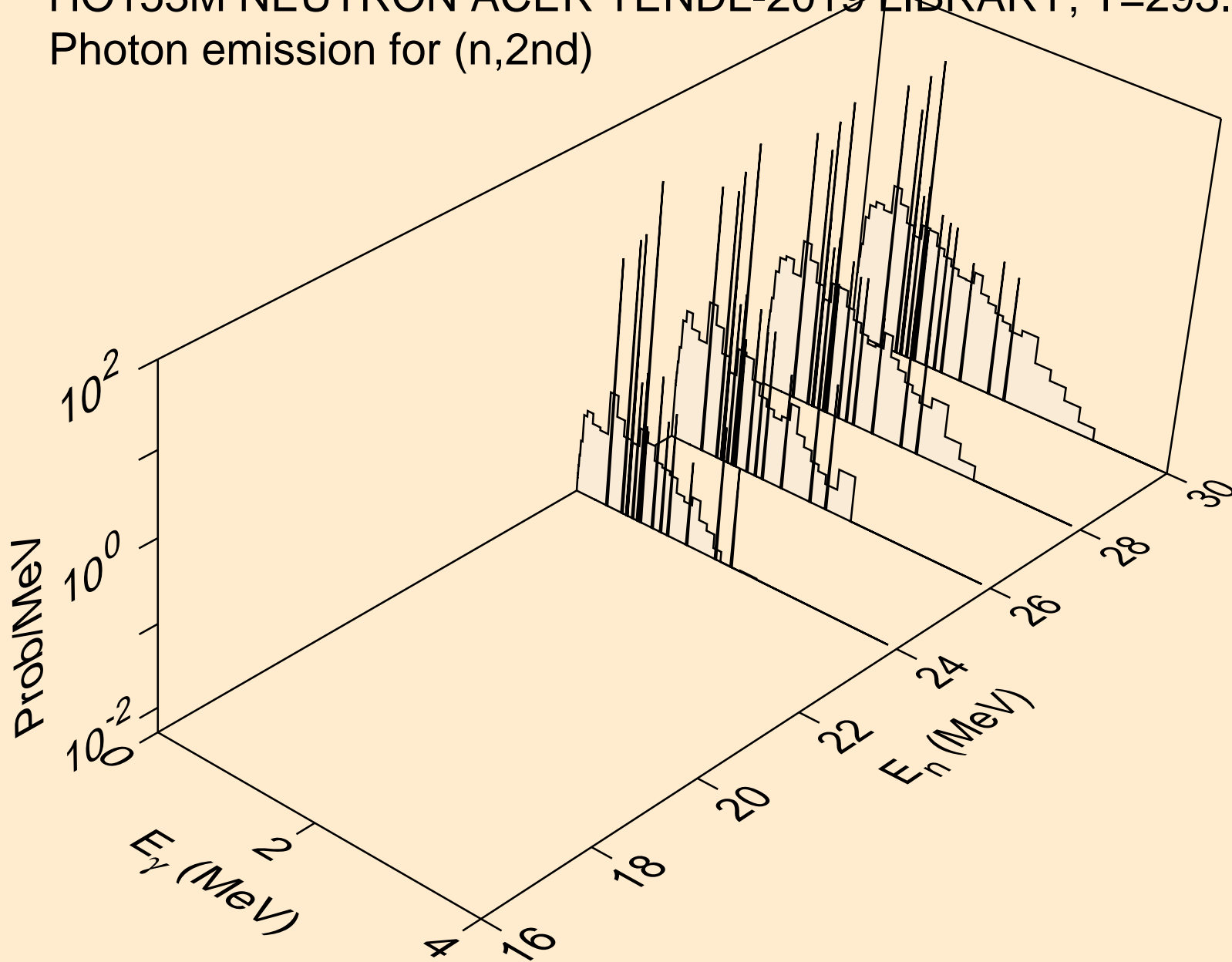
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



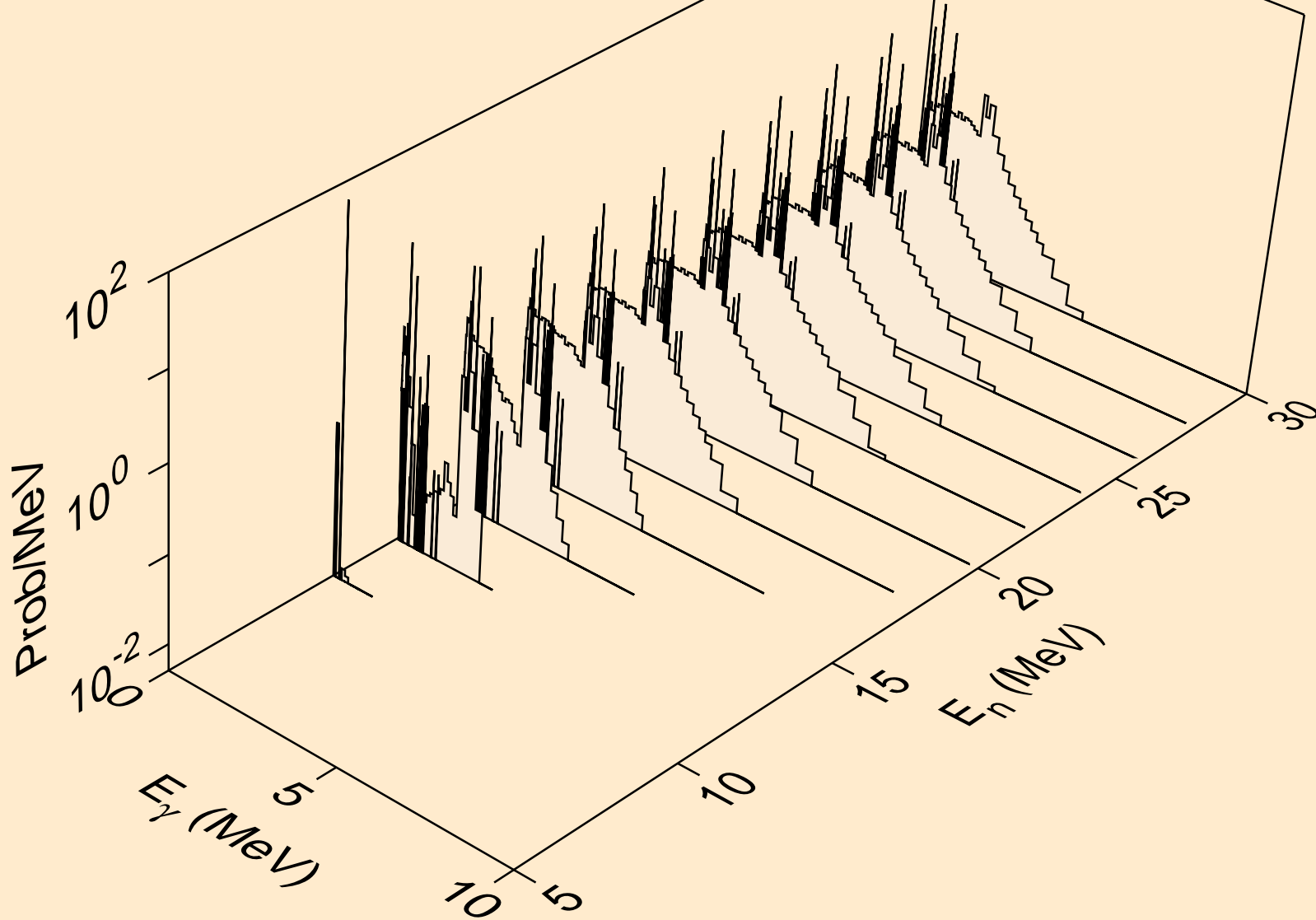
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



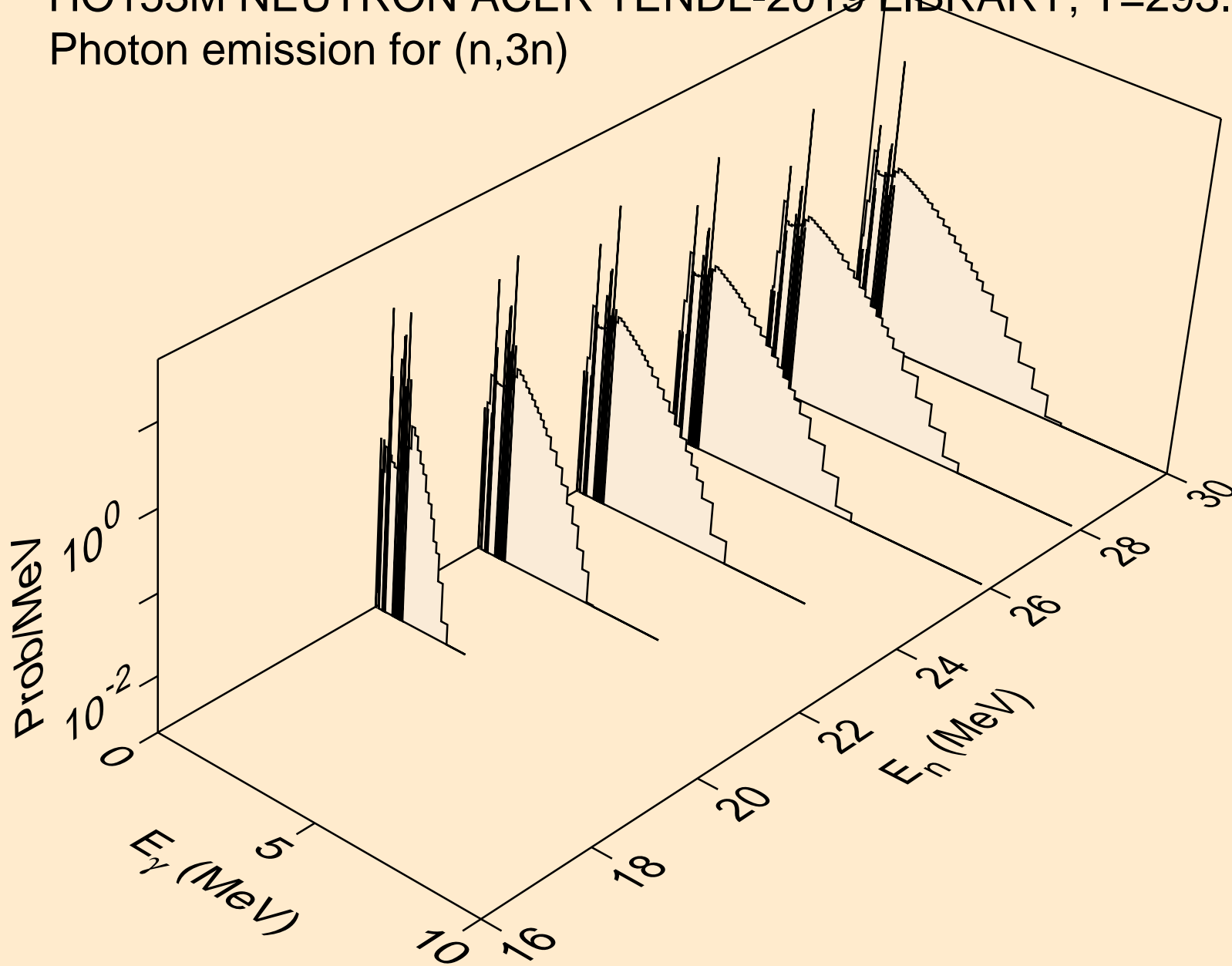
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



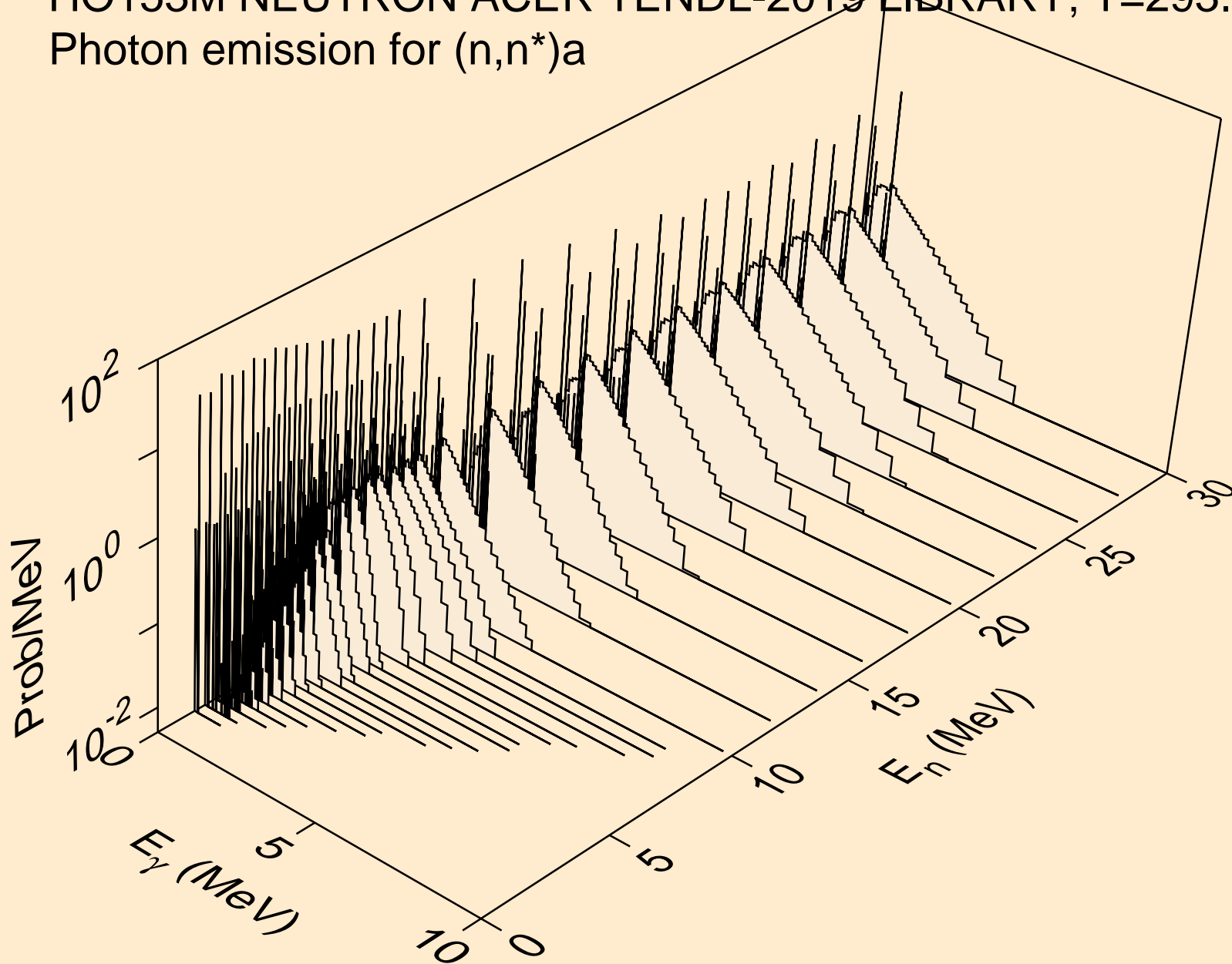
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



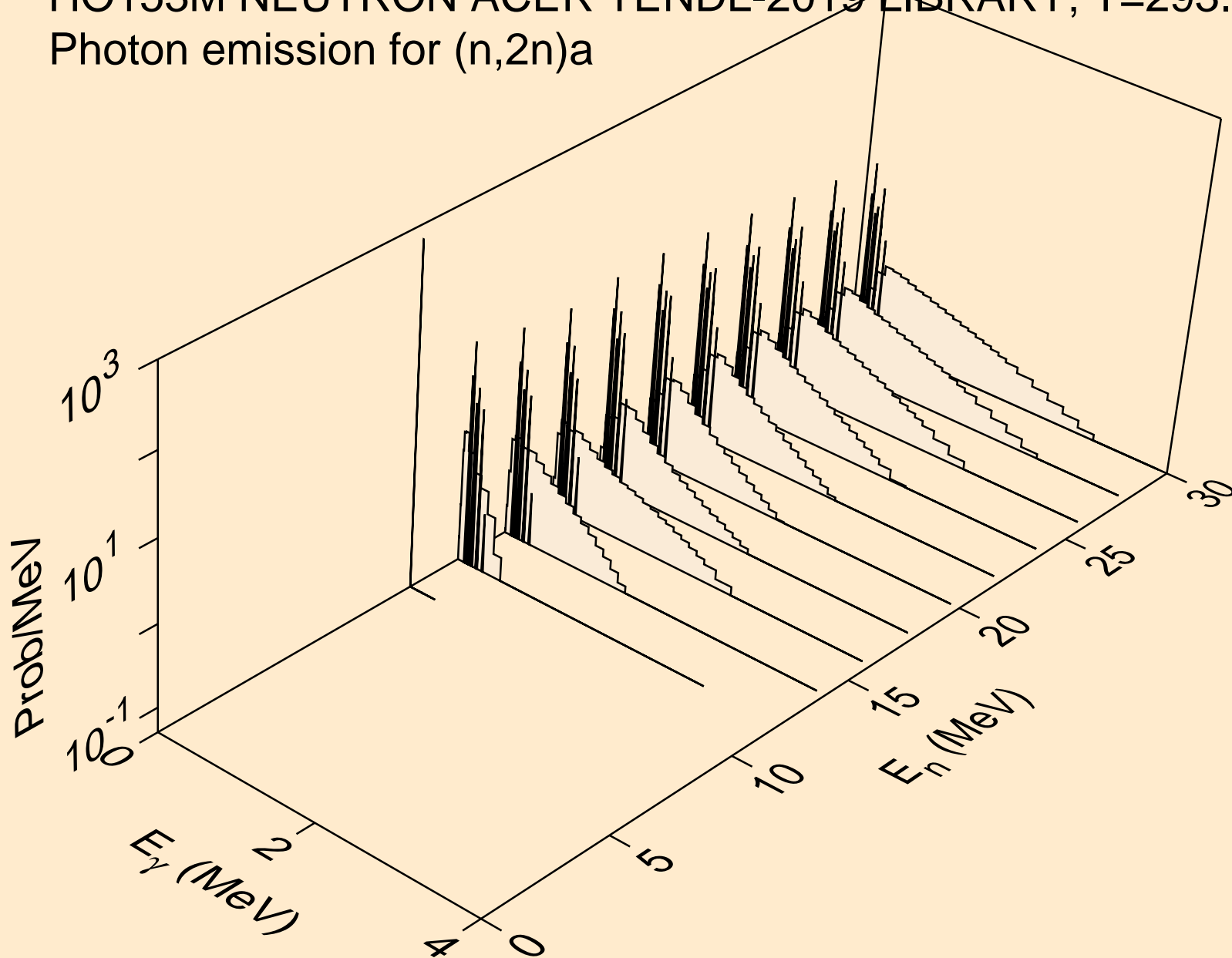
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



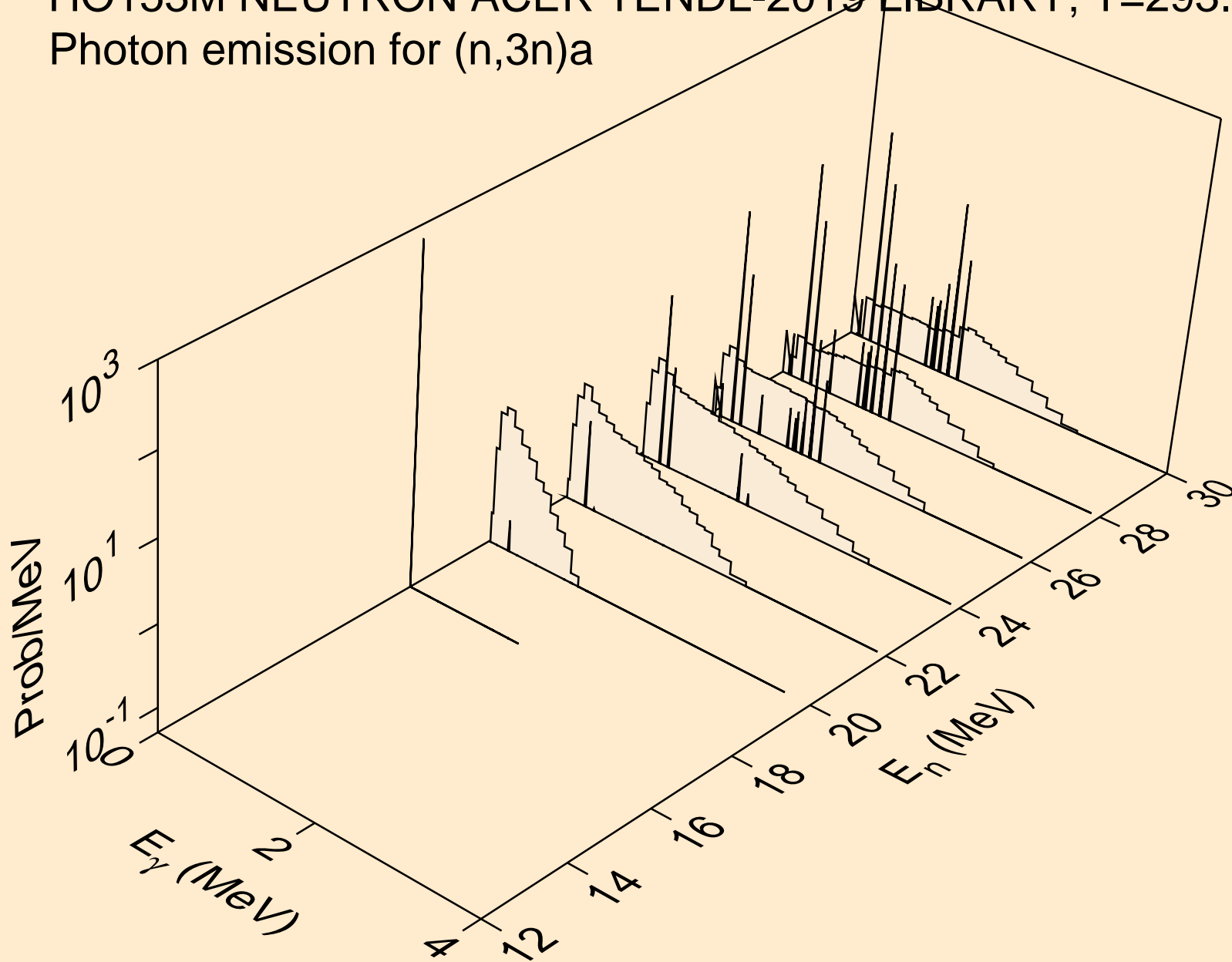
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



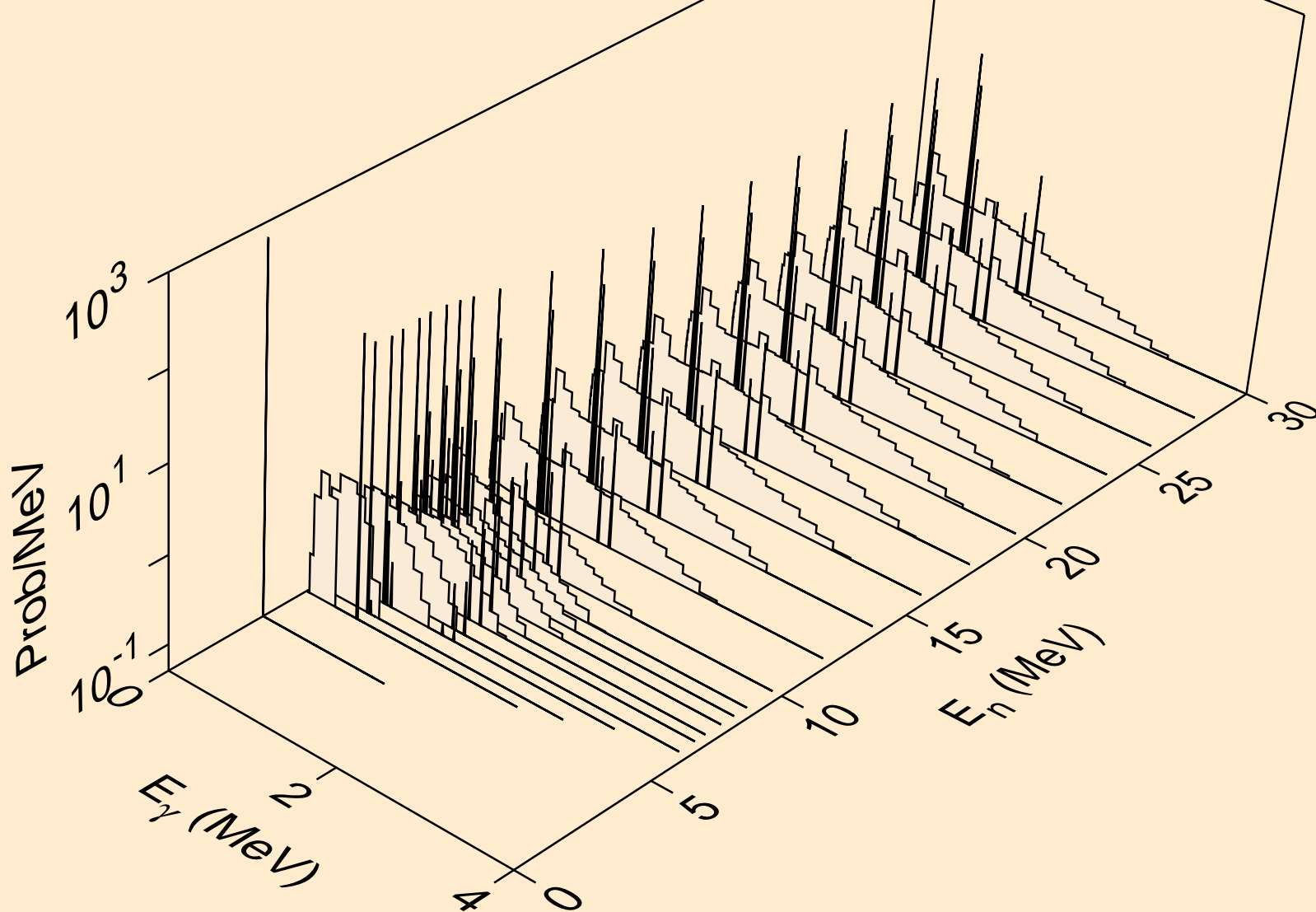
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



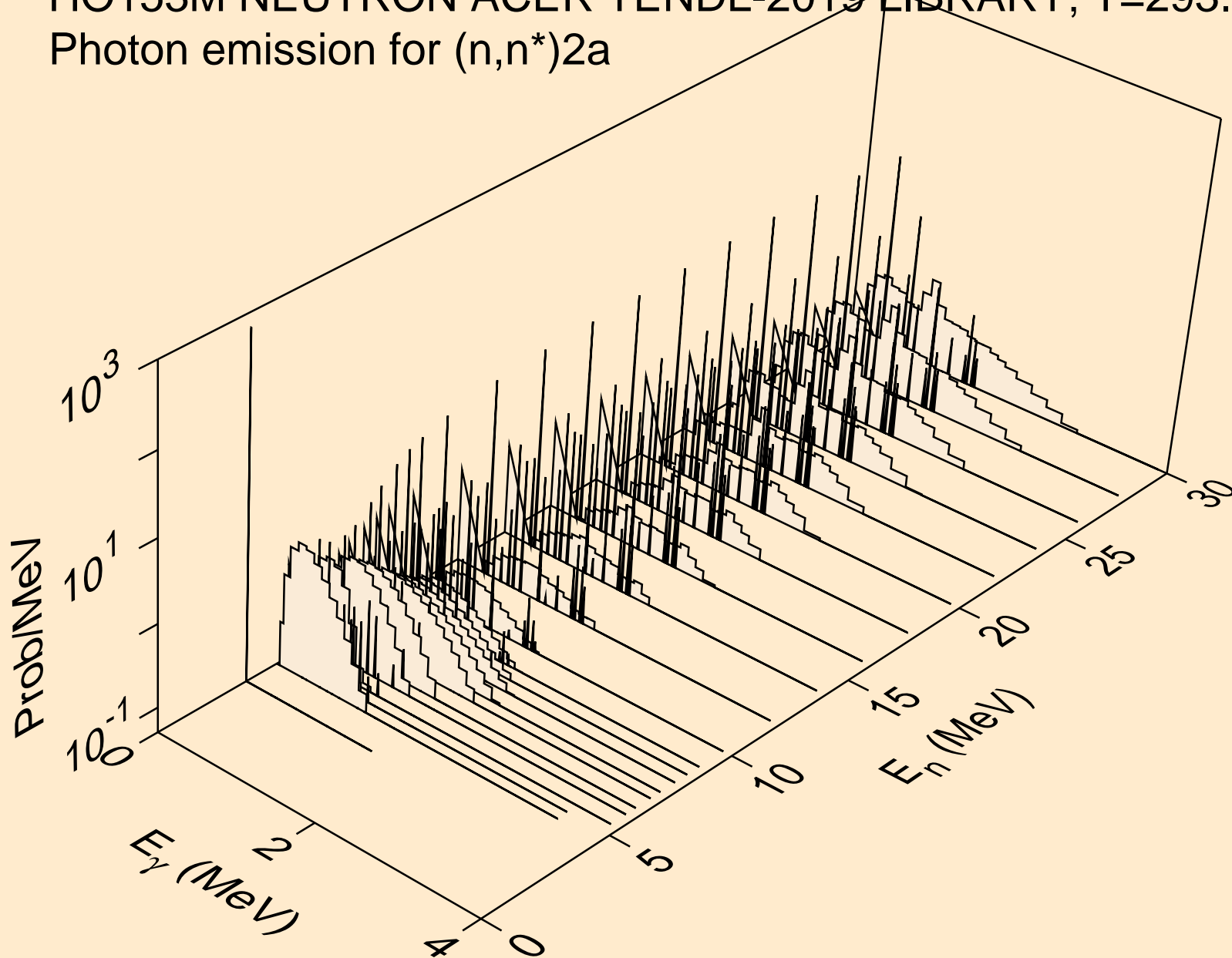
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Photon emission for (n,3n)a



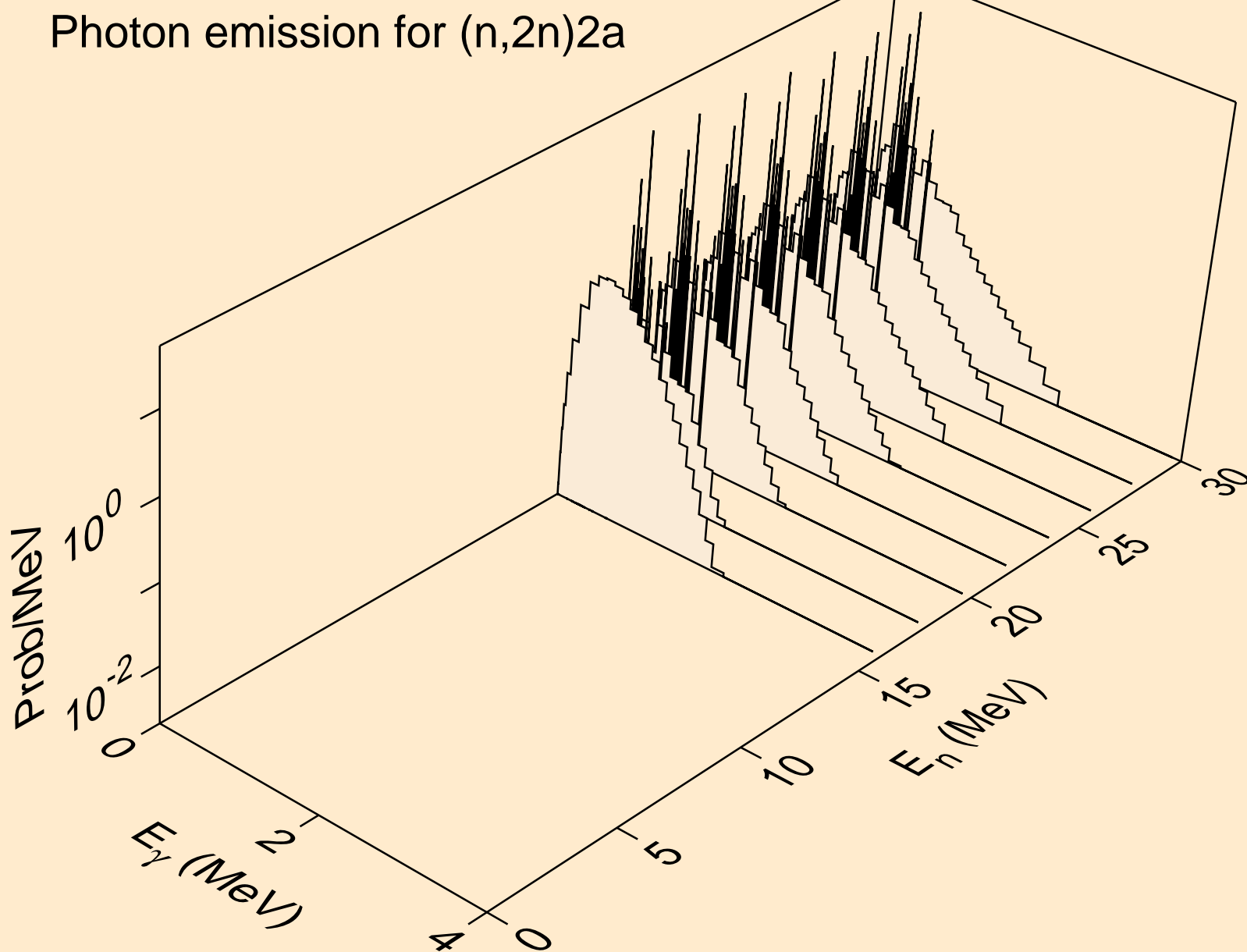
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



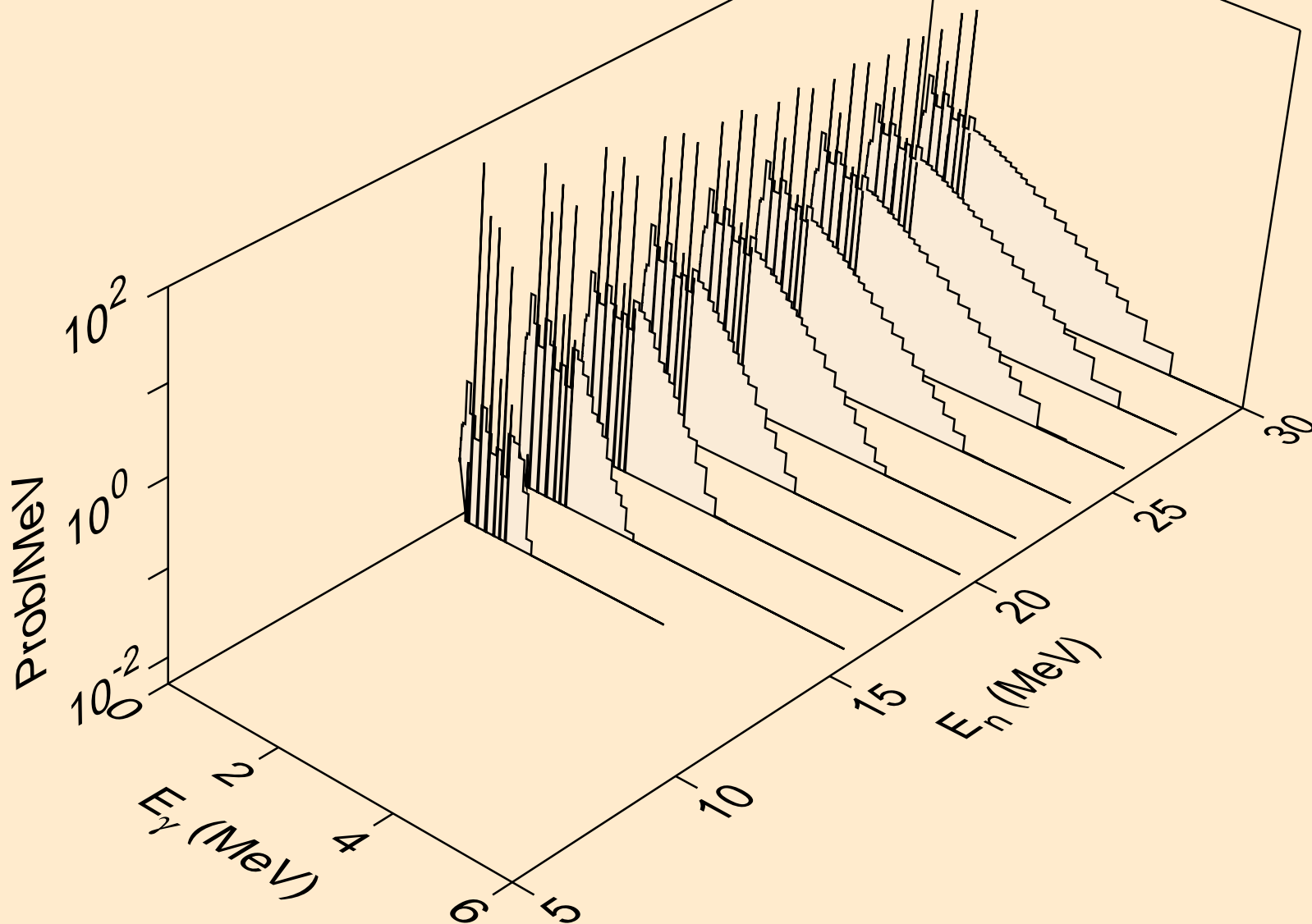
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



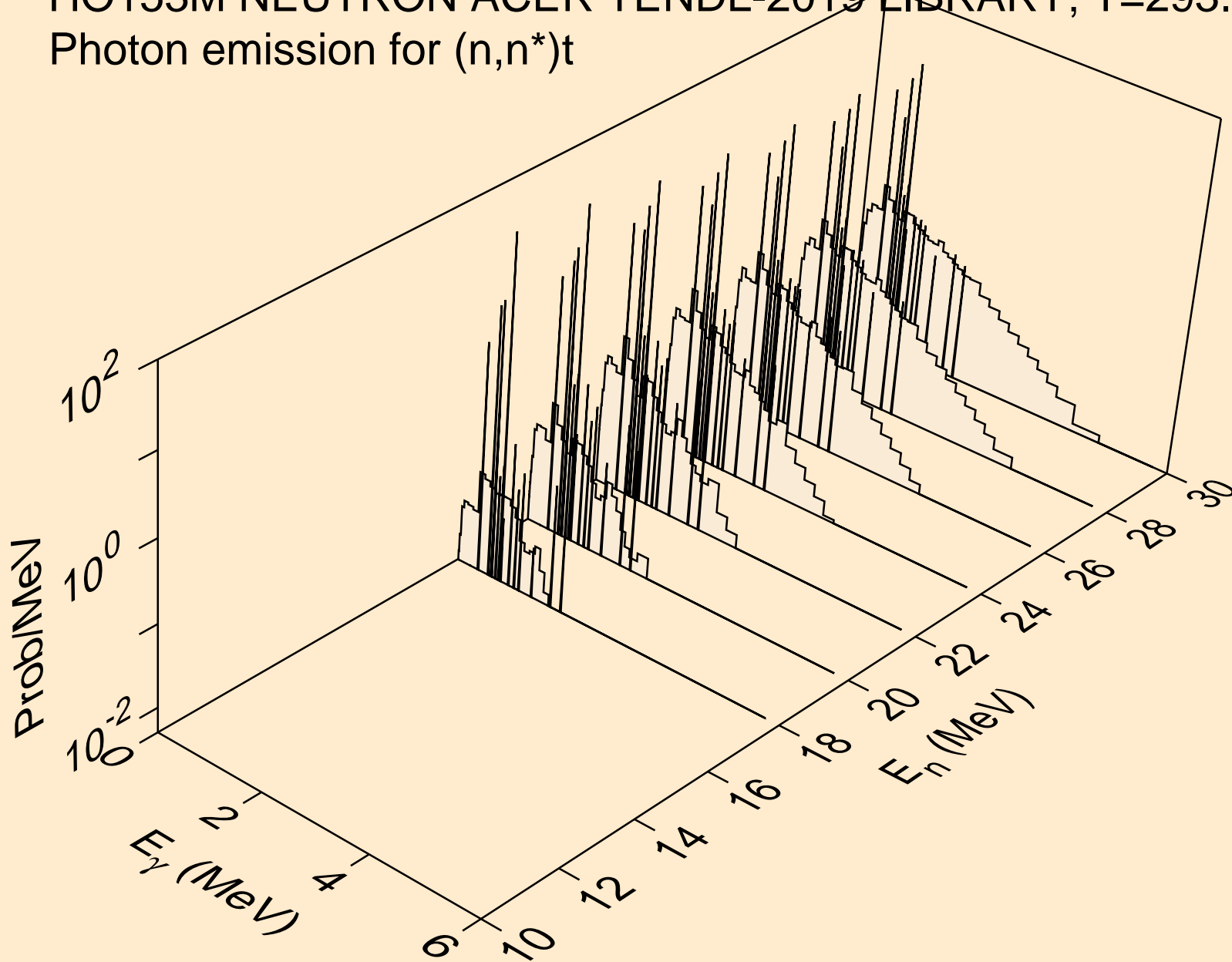
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



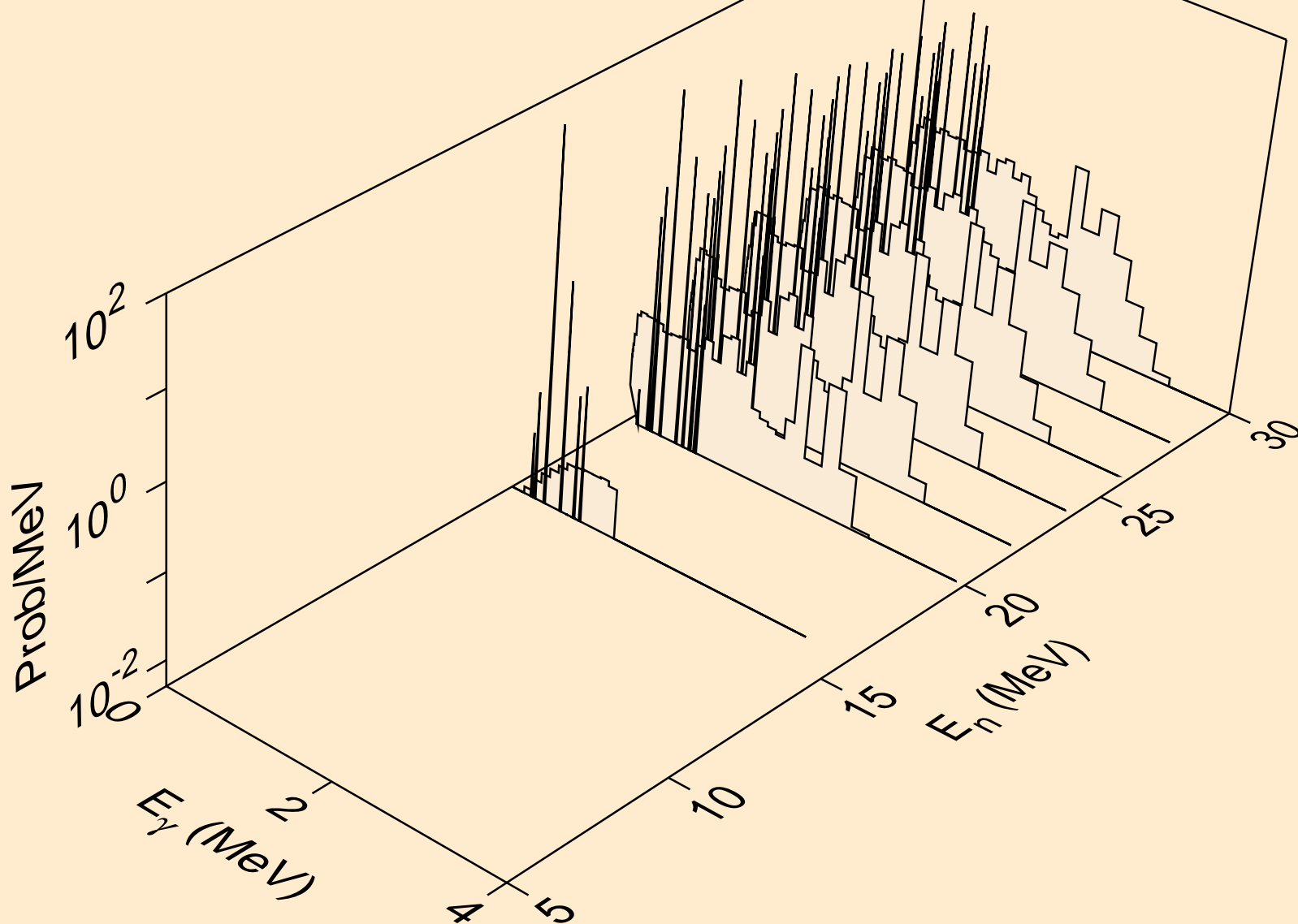
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



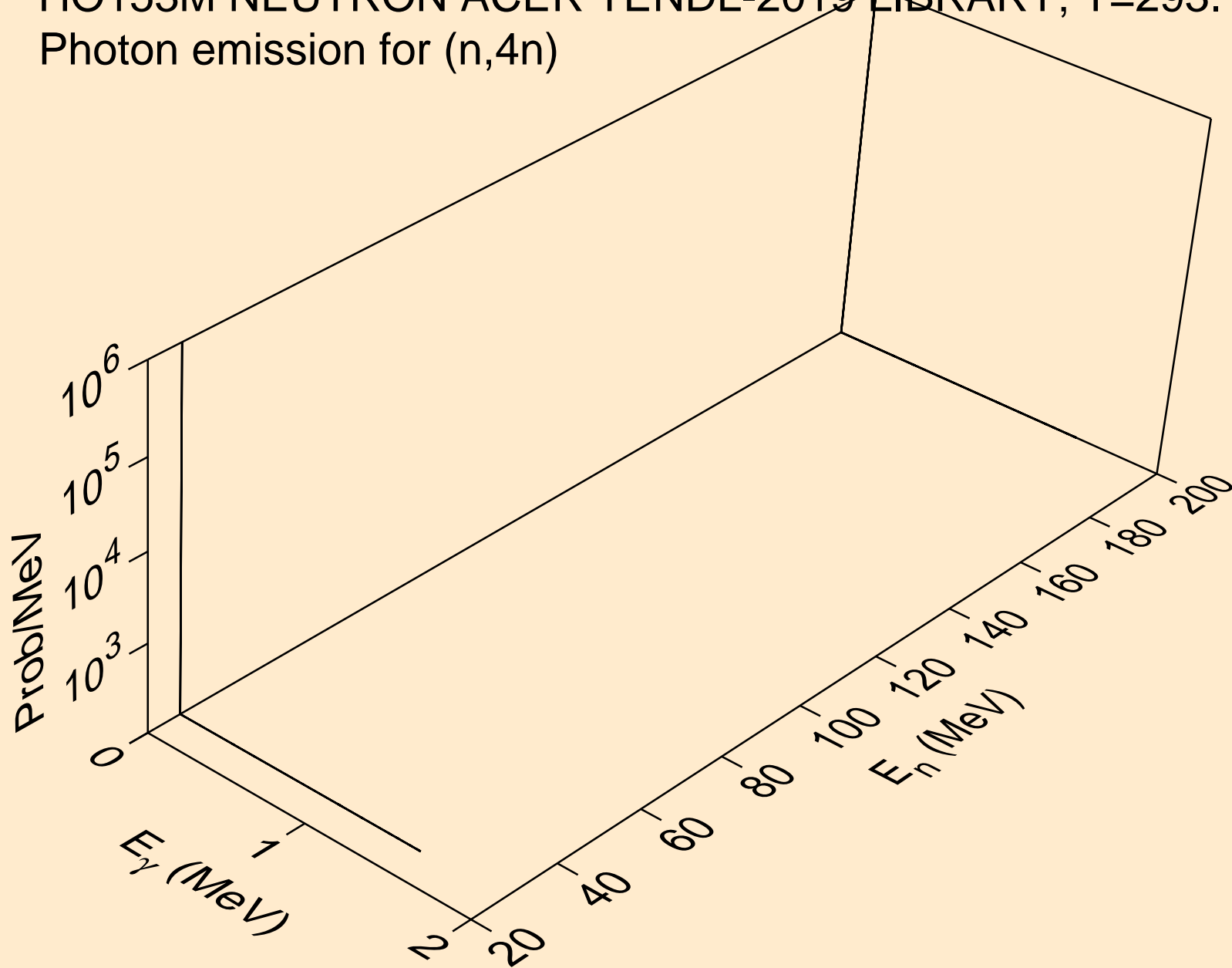
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



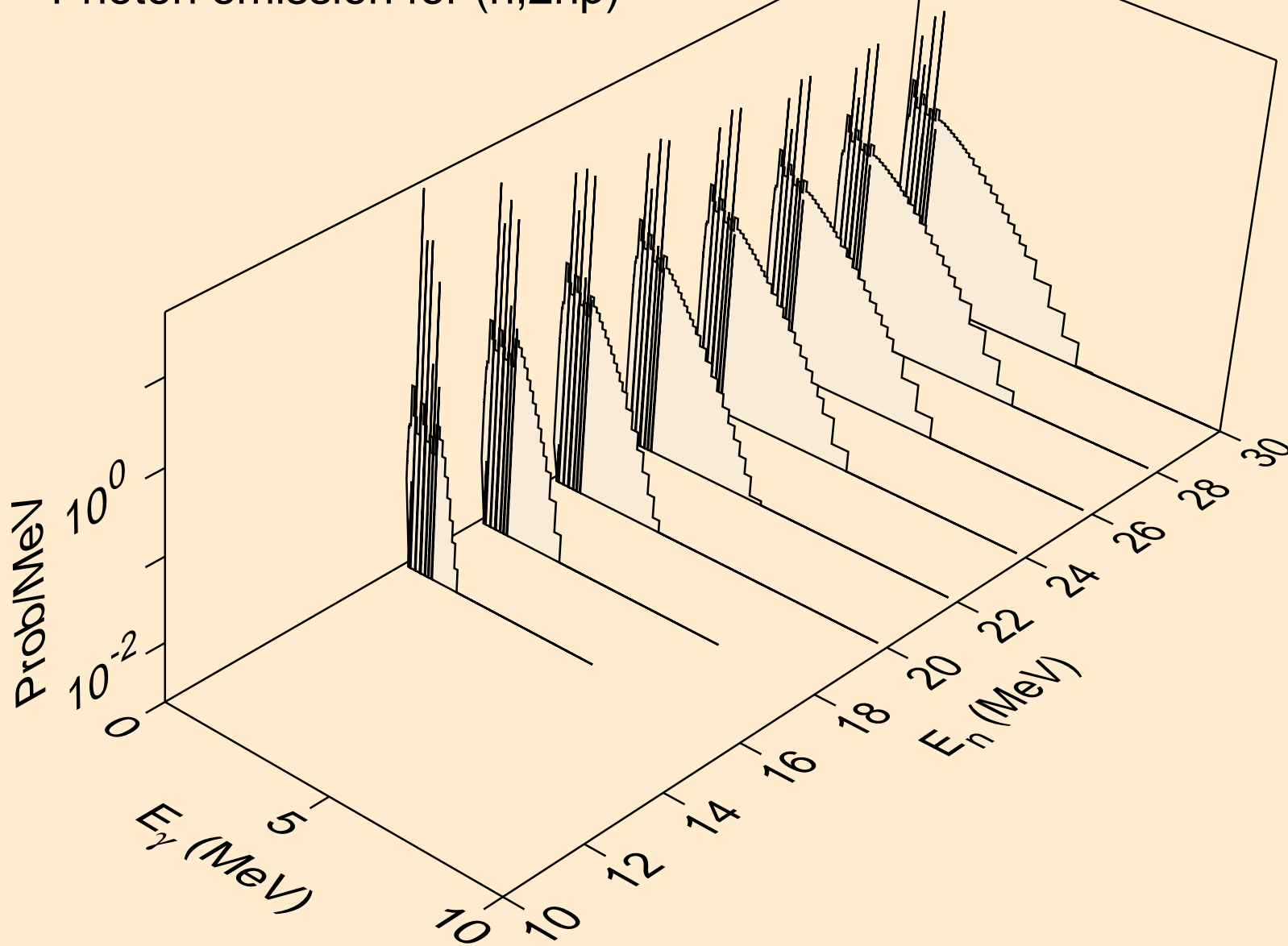
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



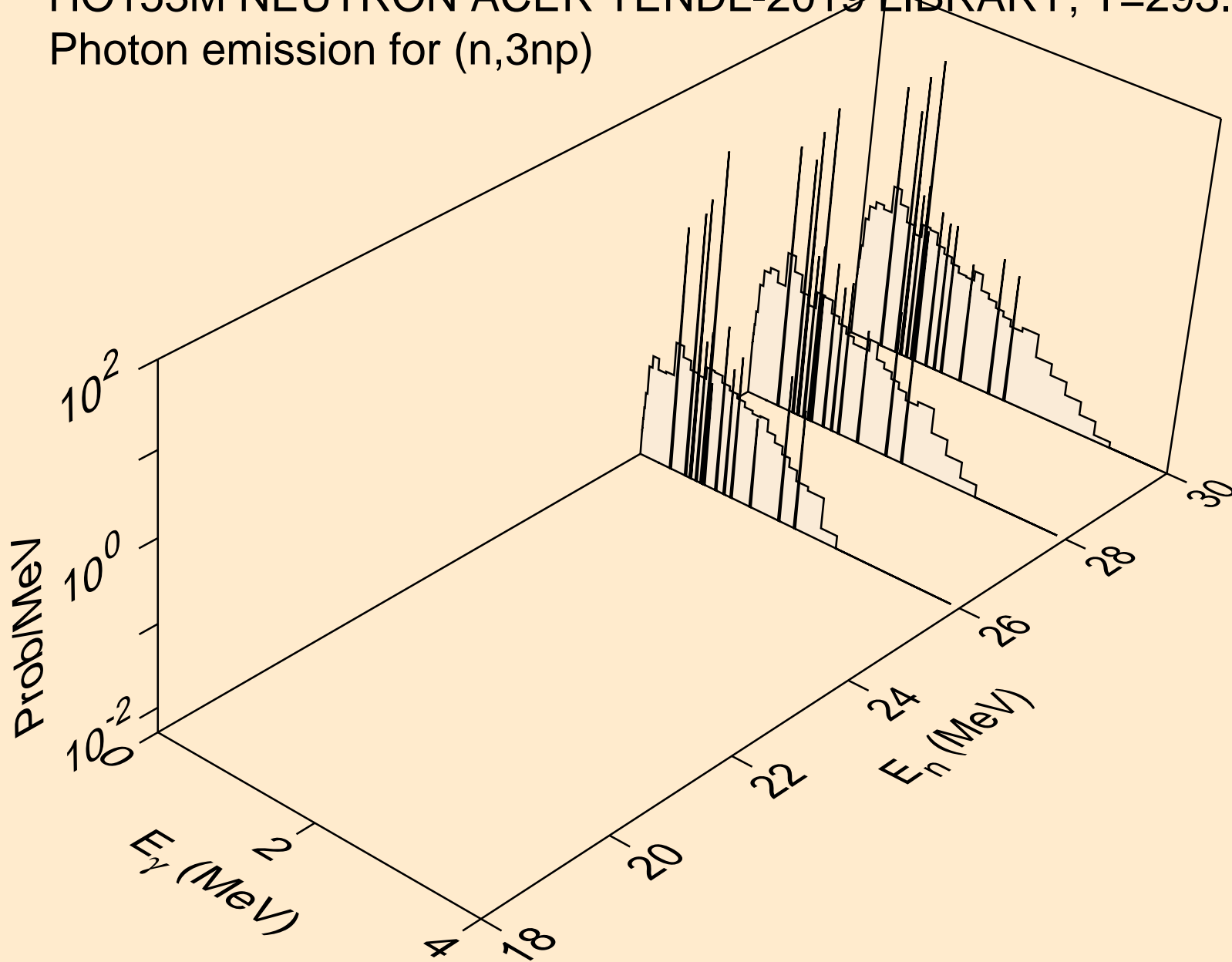
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



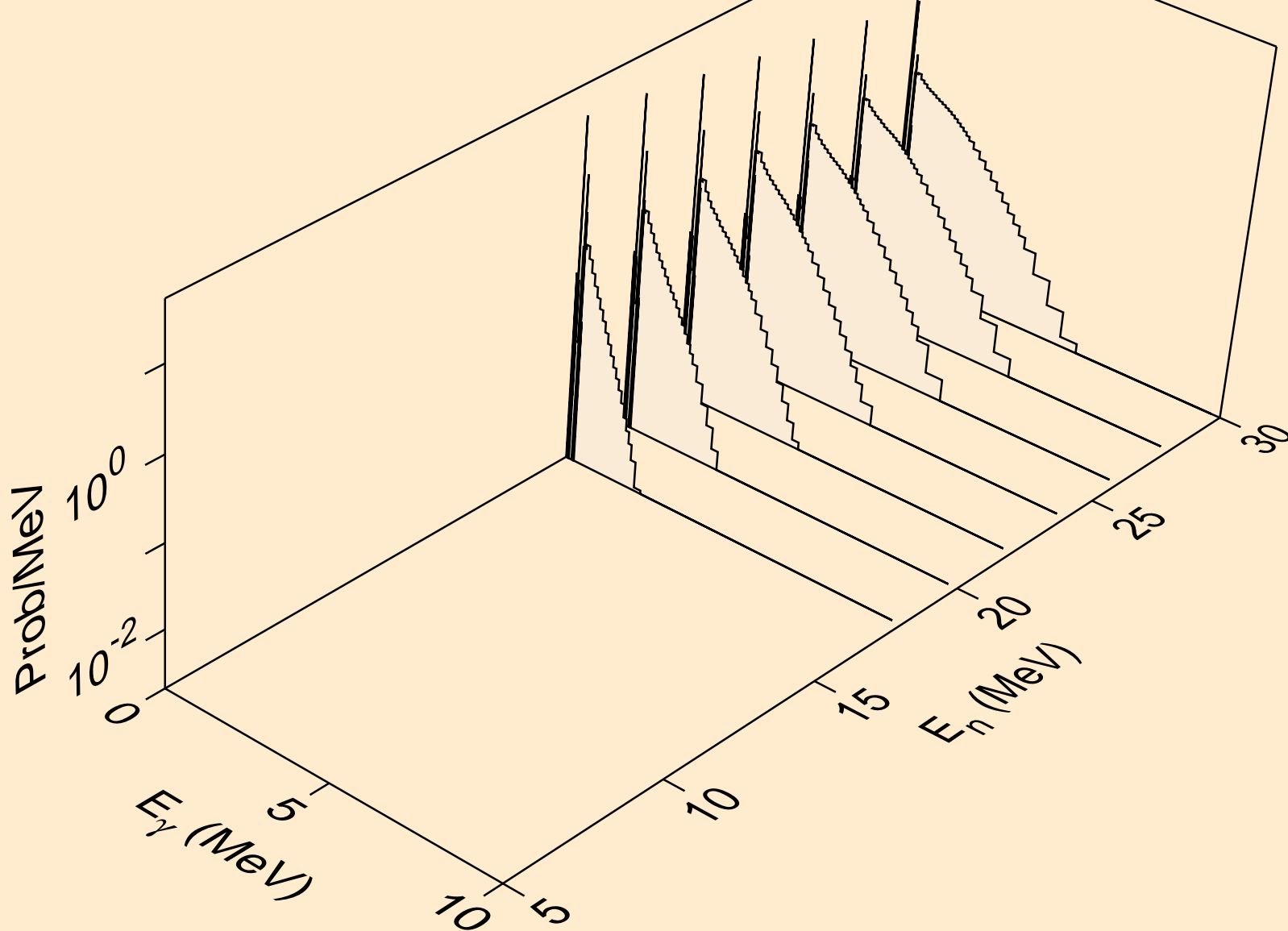
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



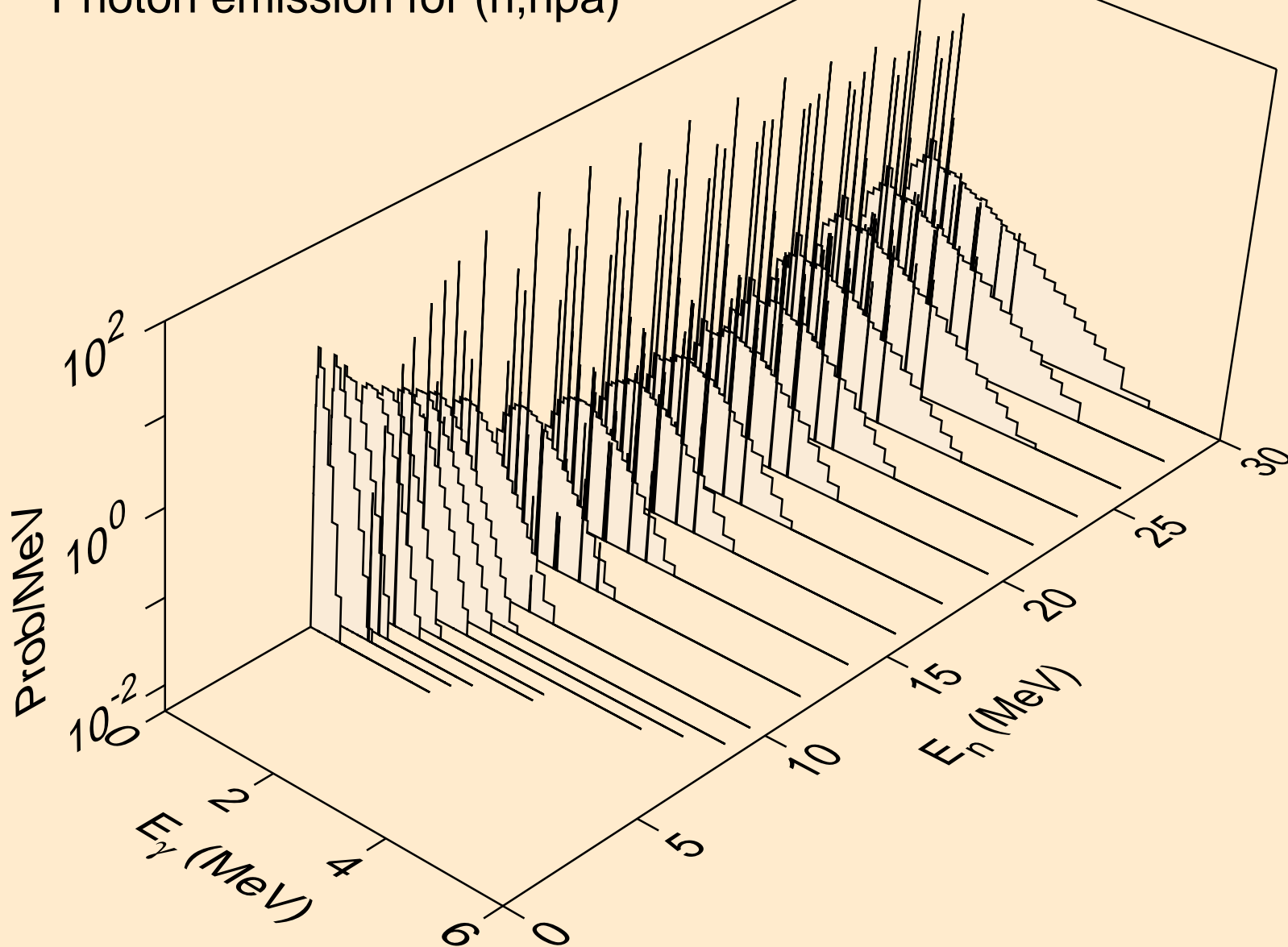
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Photon emission for (n,3np)



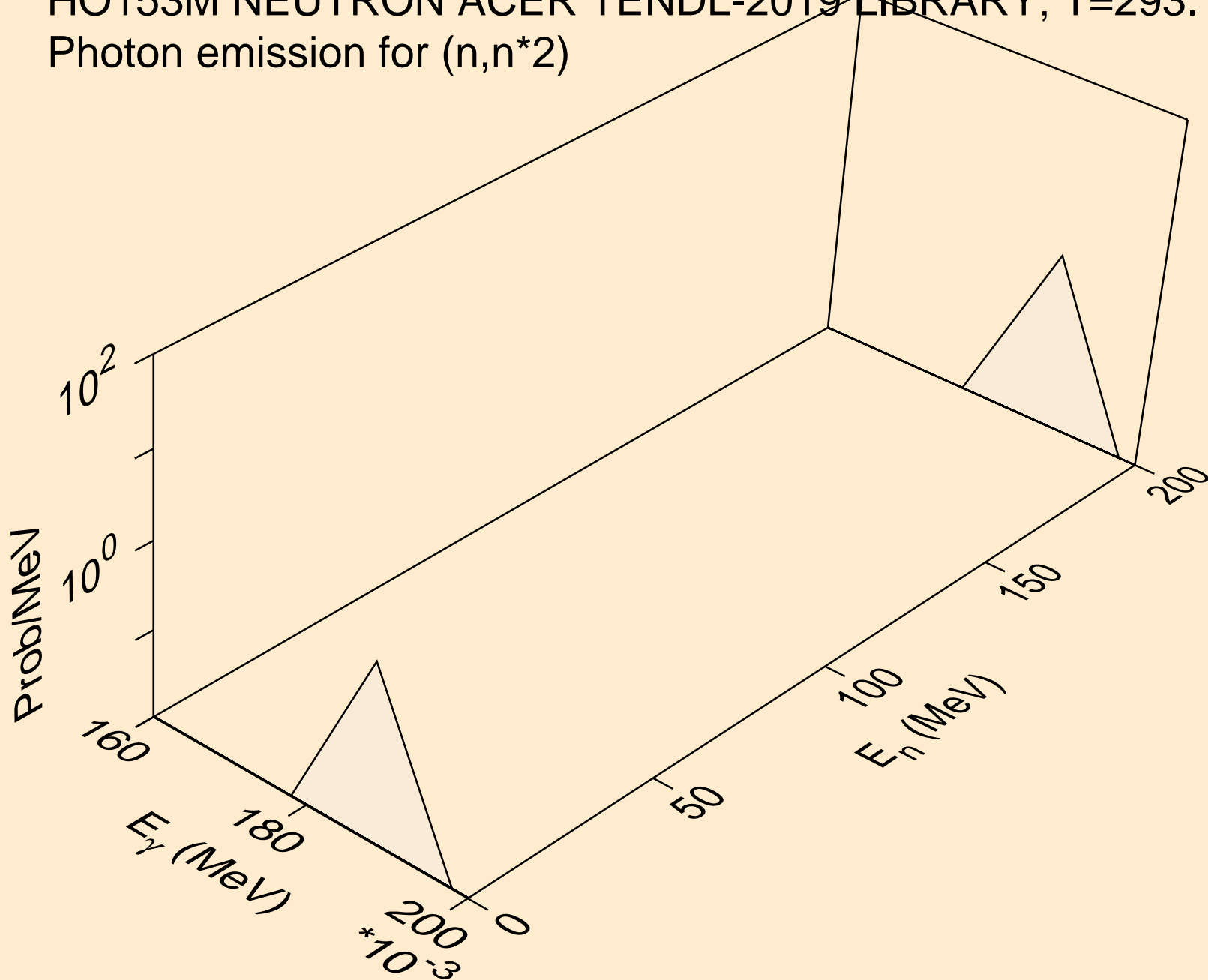
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



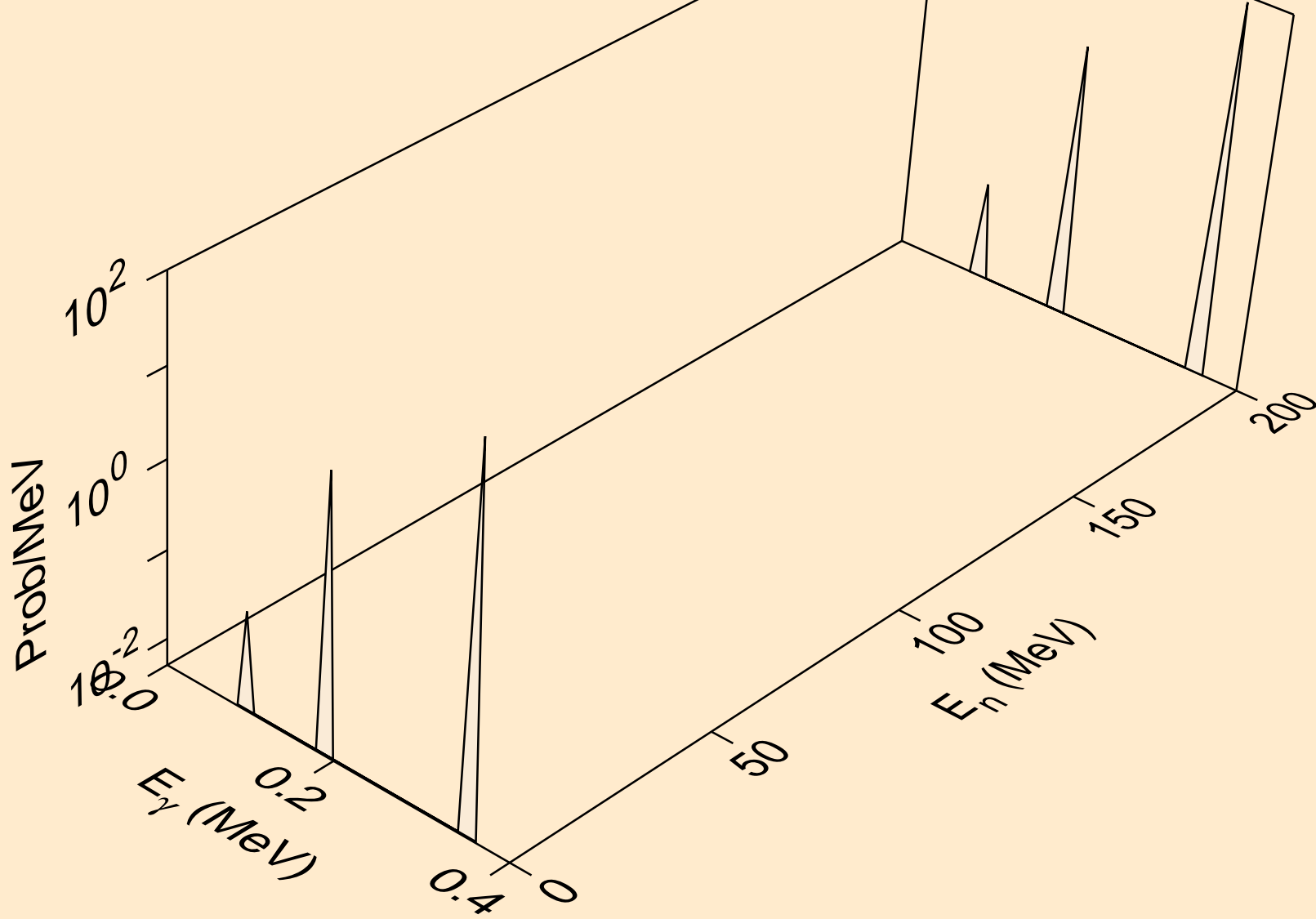
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Photon emission for (n,npa)



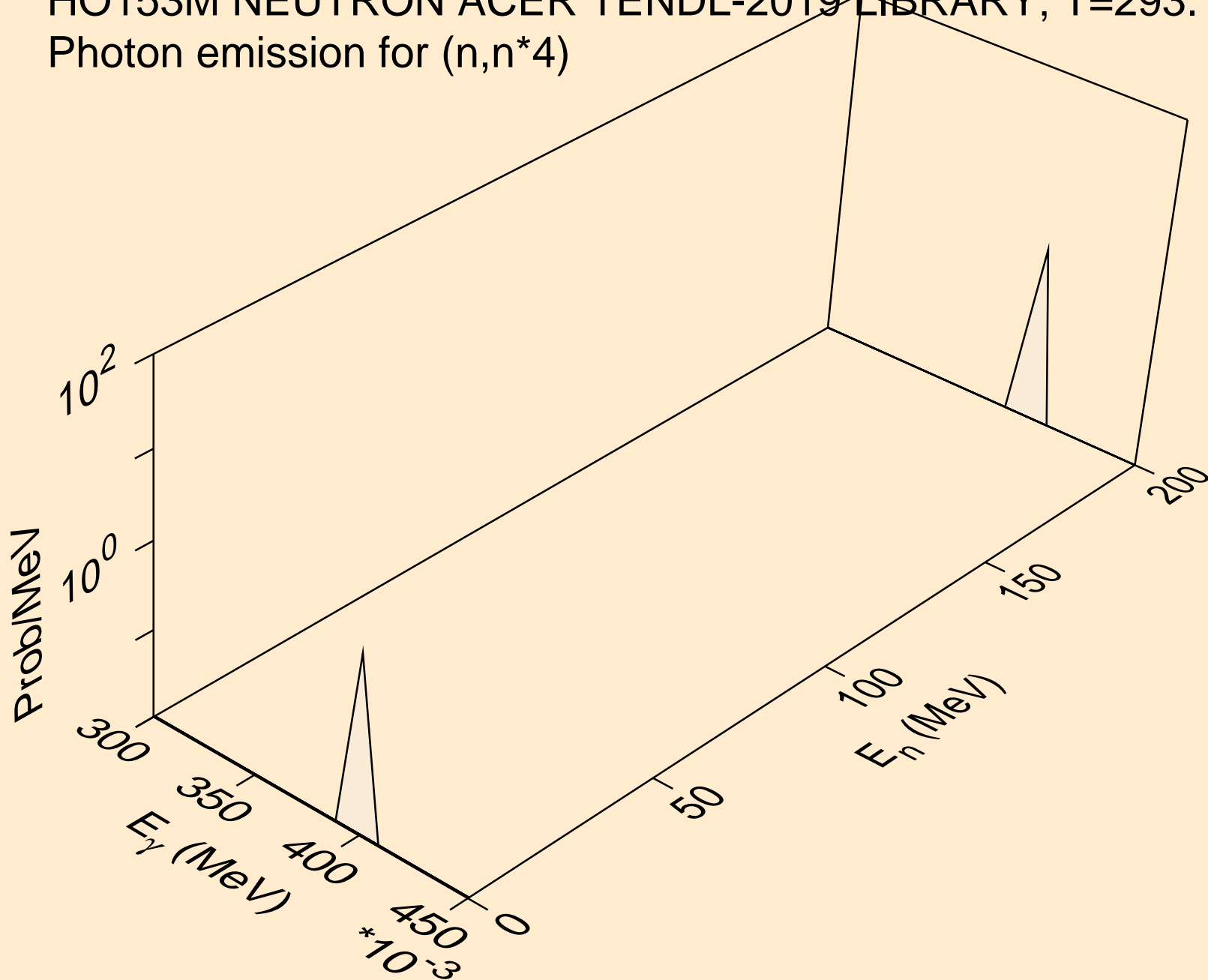
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*2)



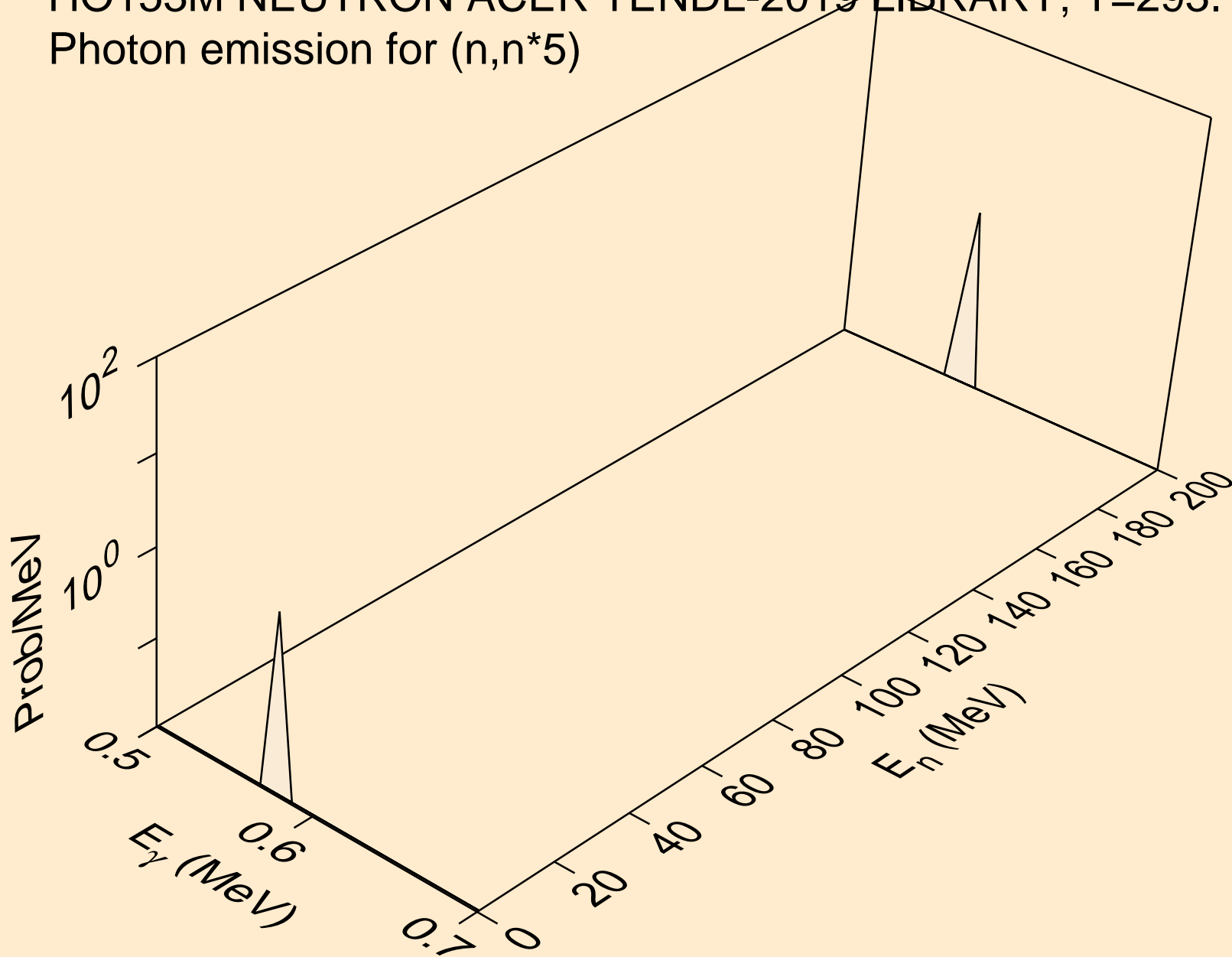
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*3)



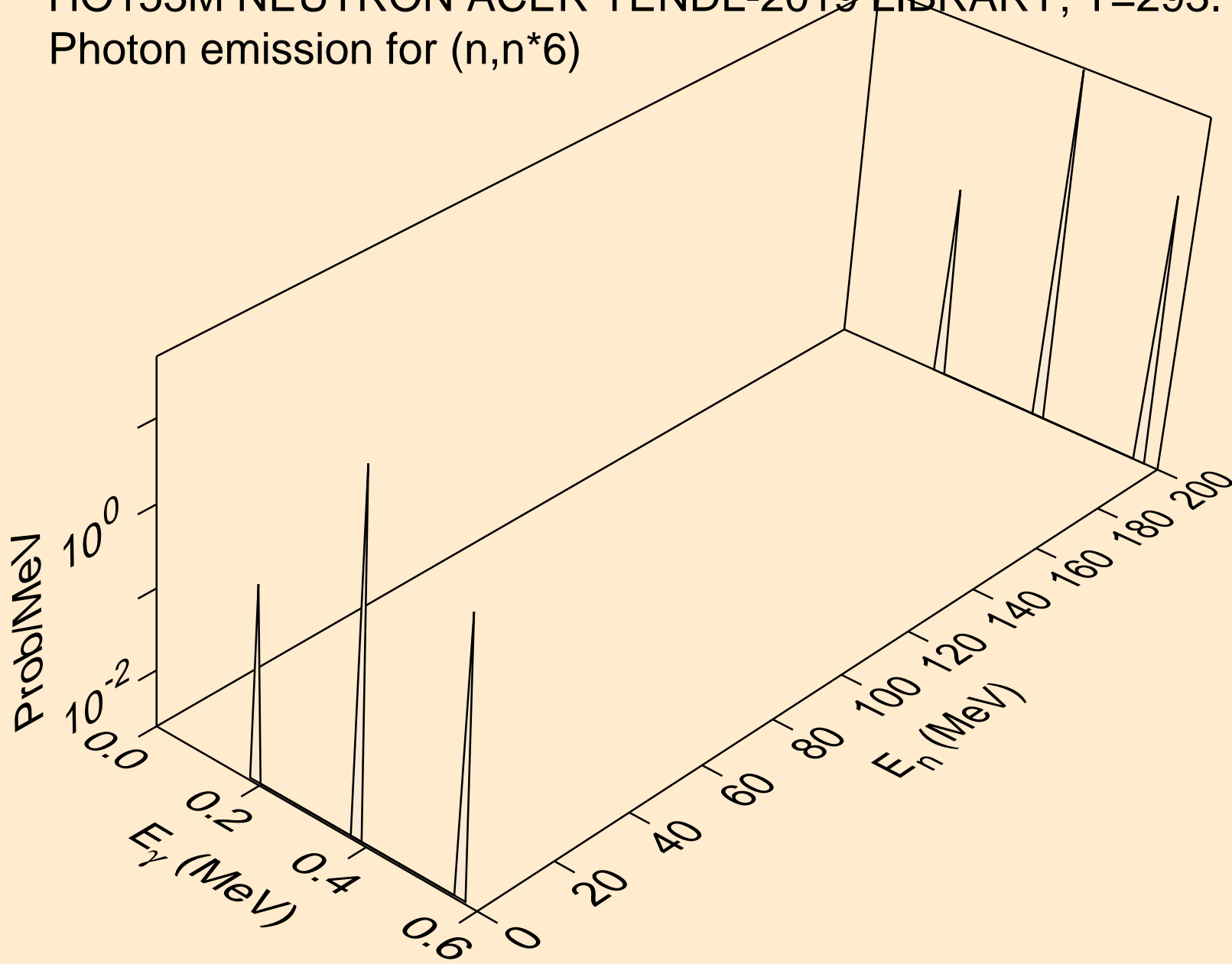
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*4)



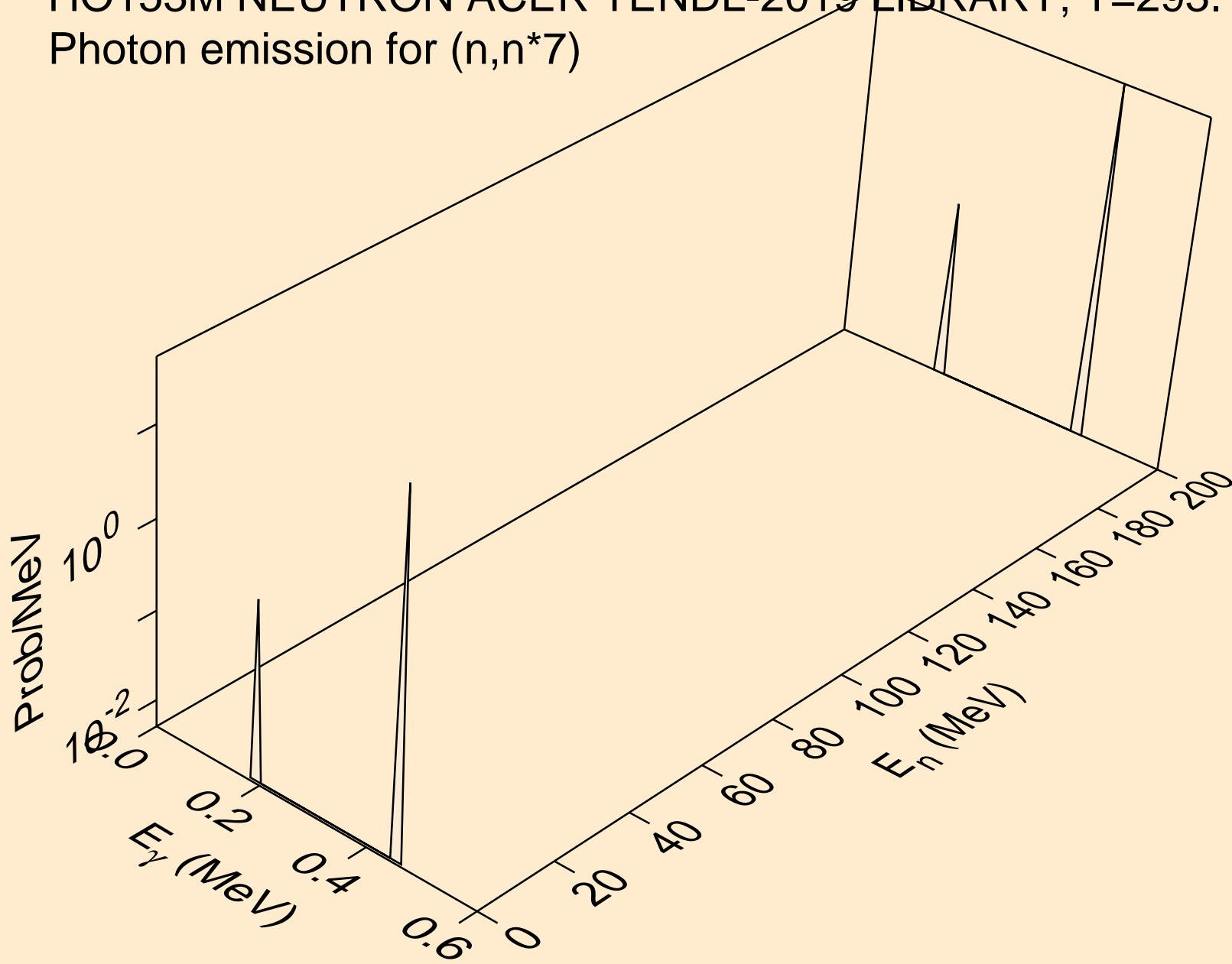
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*5)



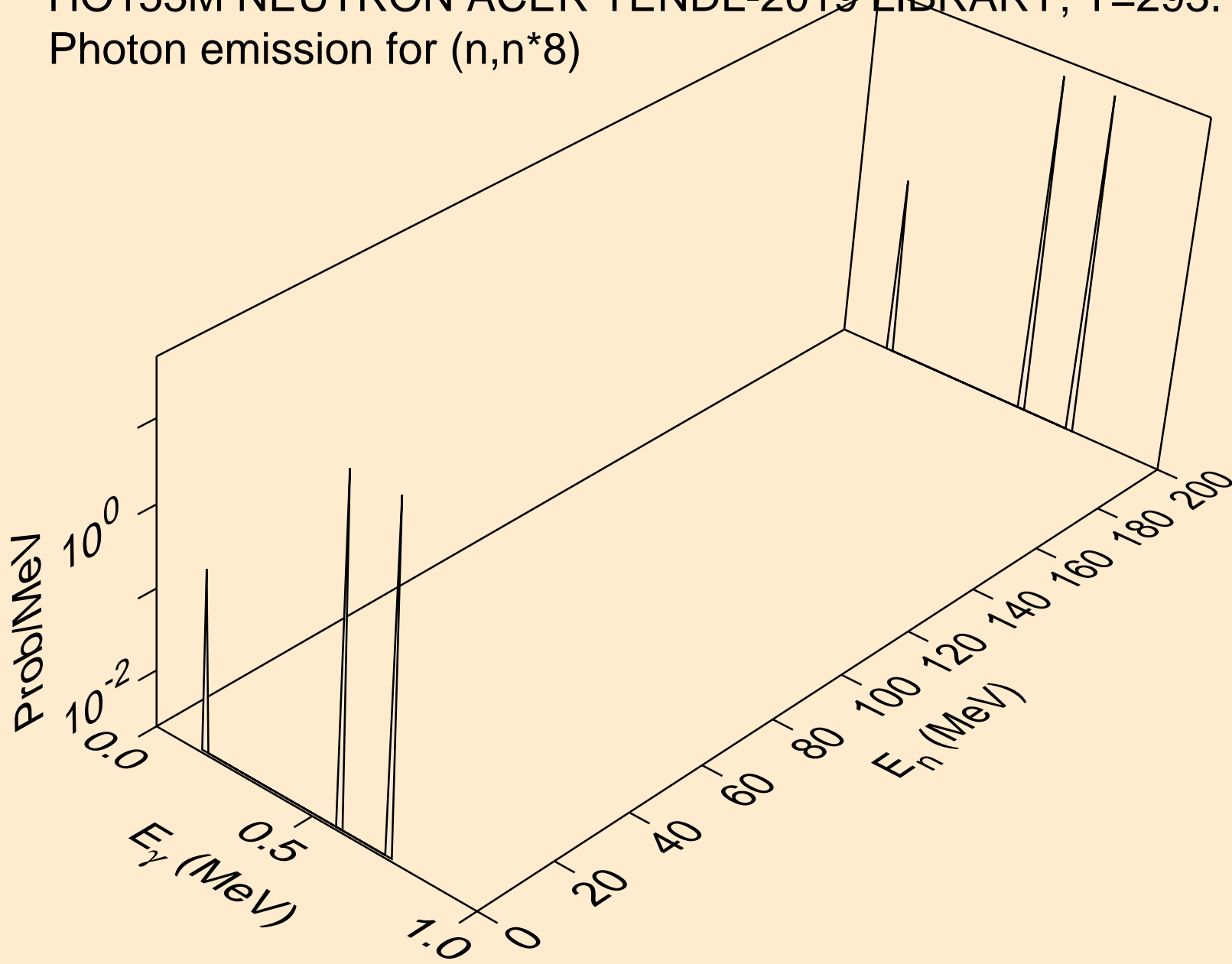
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*6)



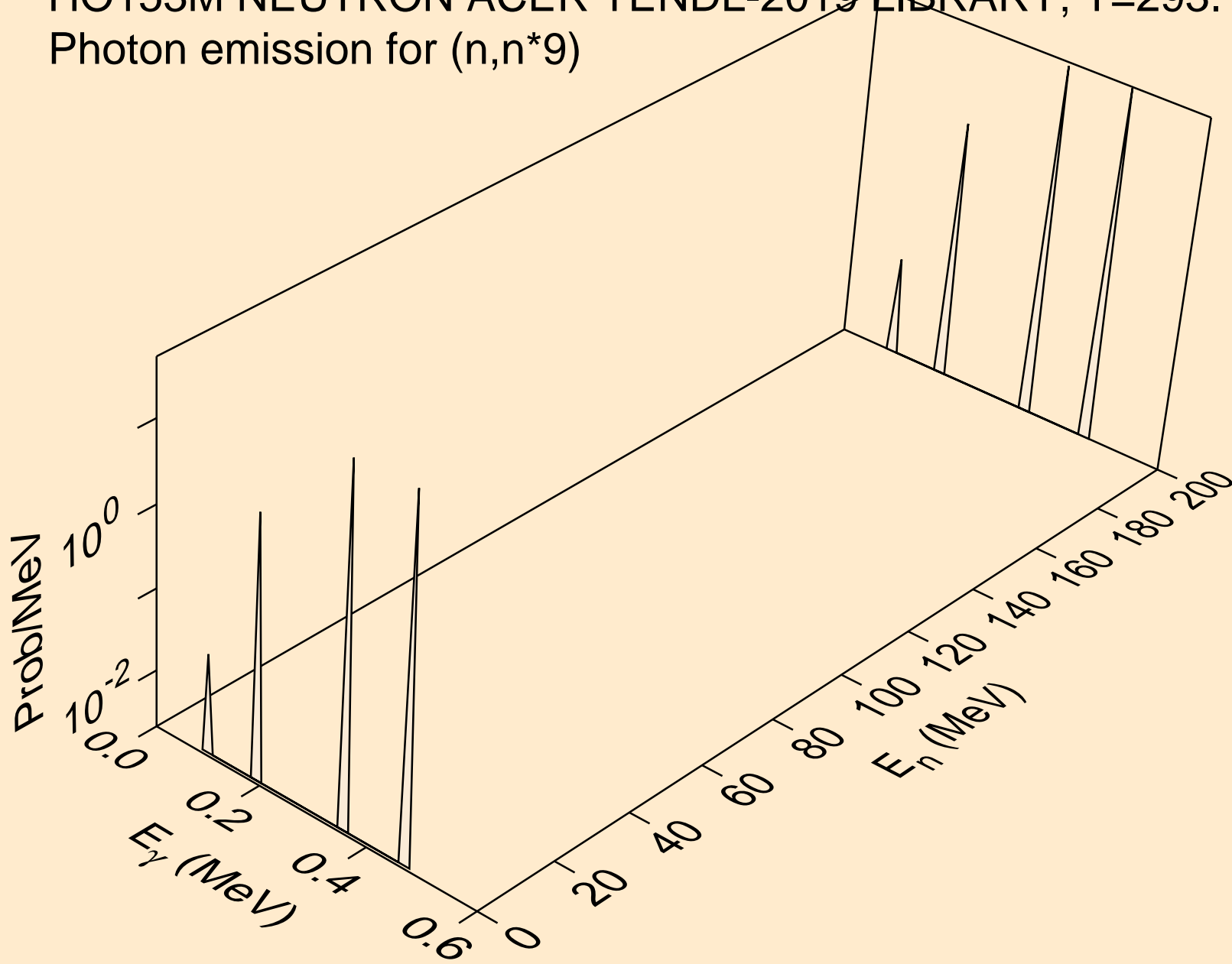
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*7)



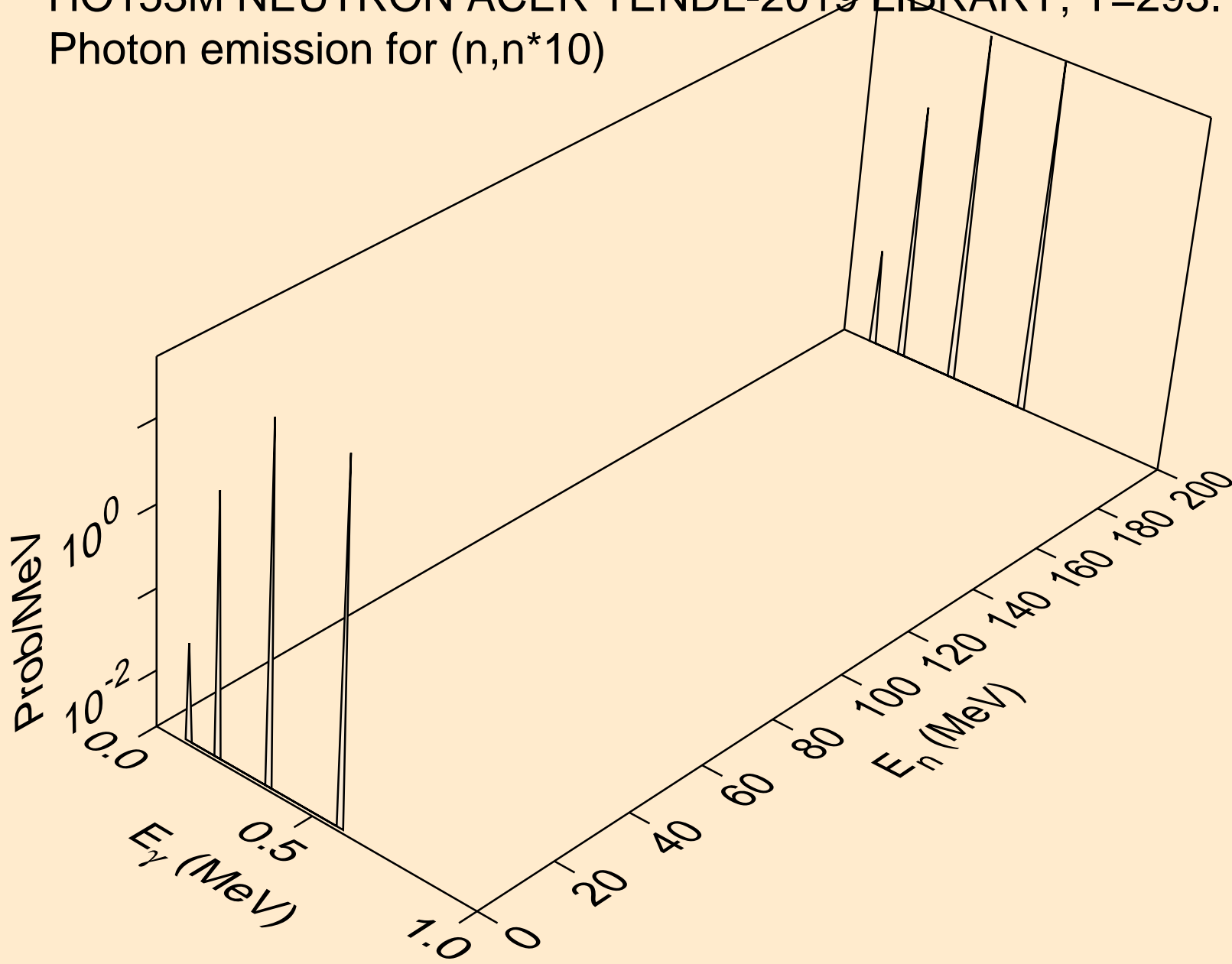
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*8)



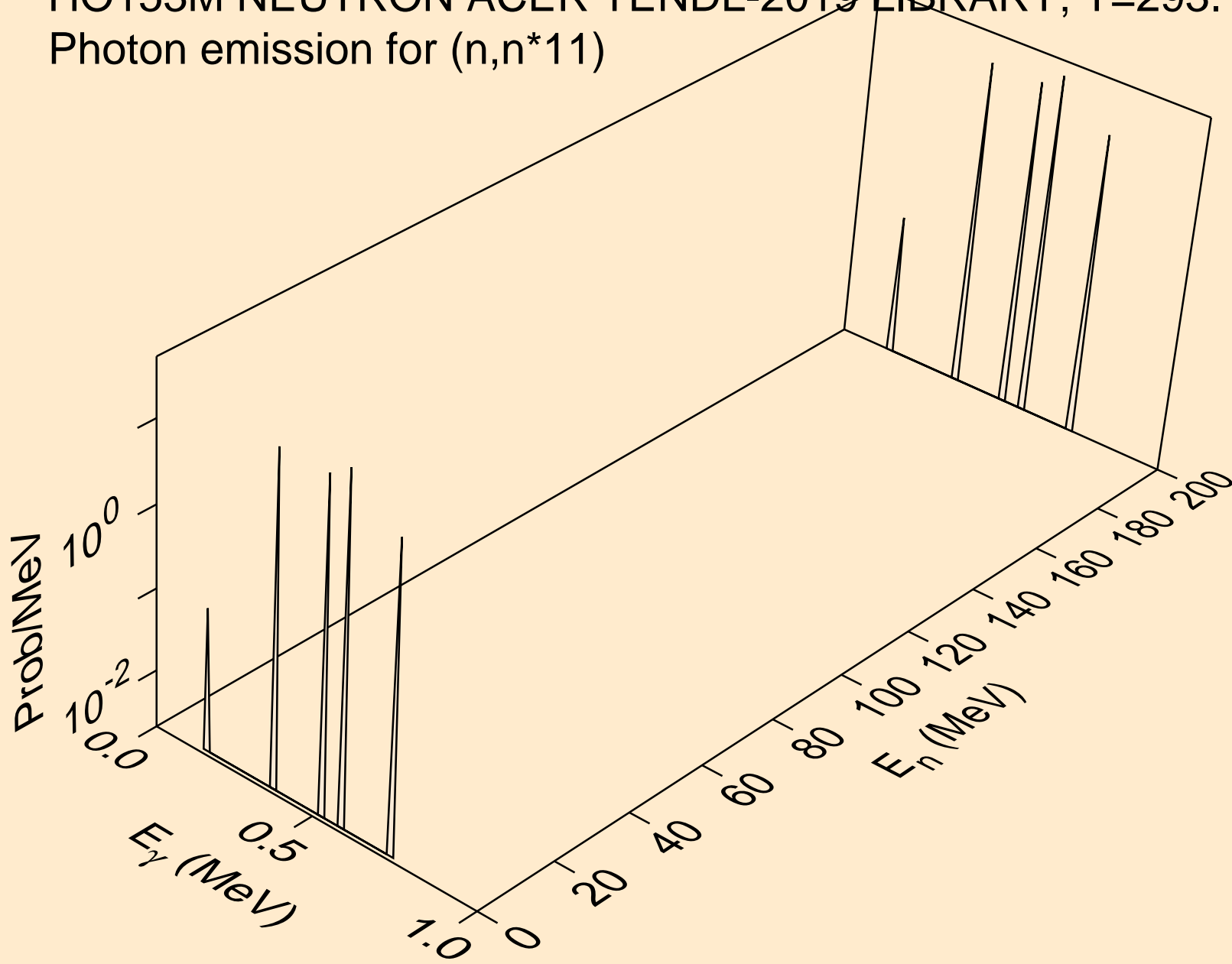
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*9)



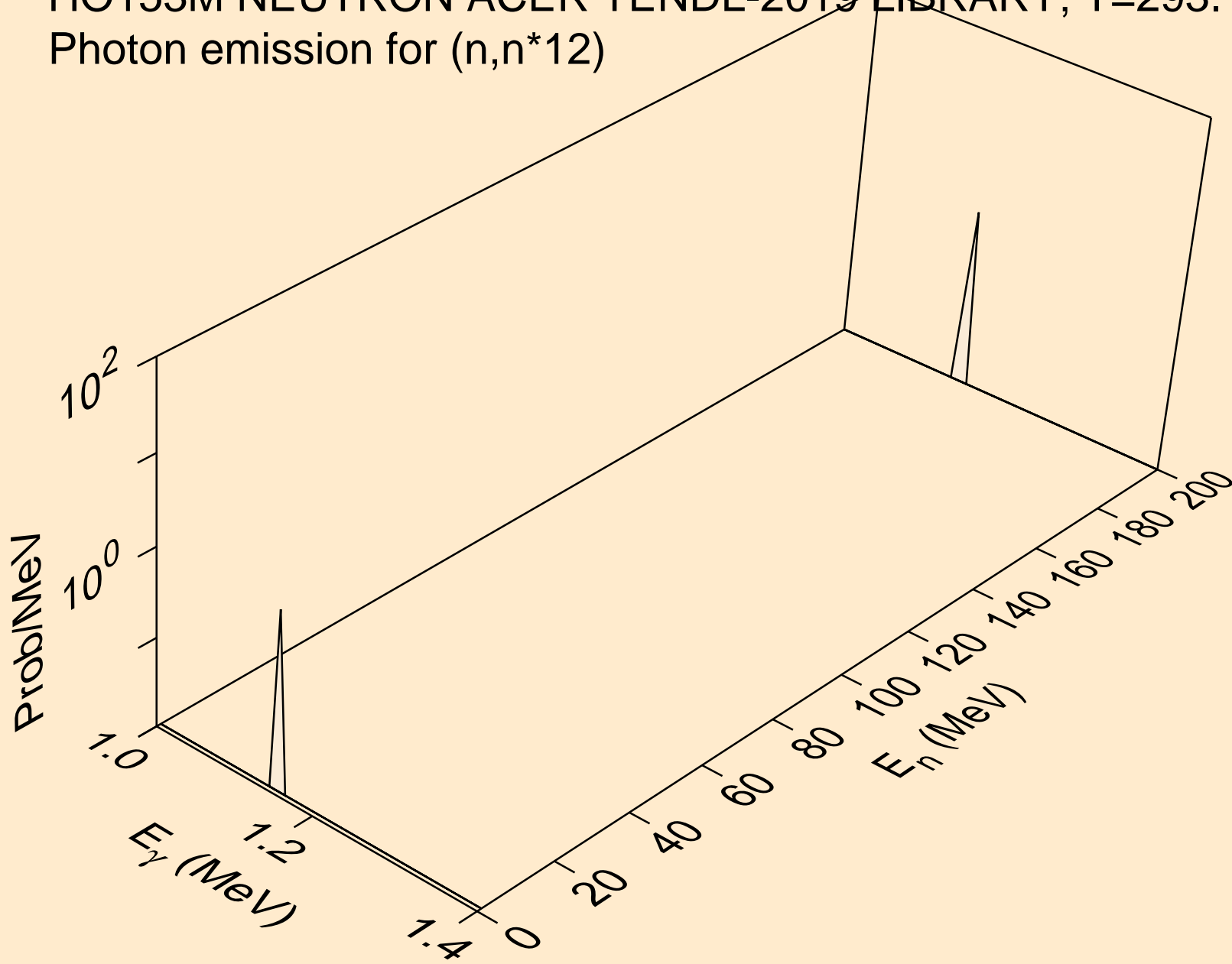
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Photon emission for (n,n*10)



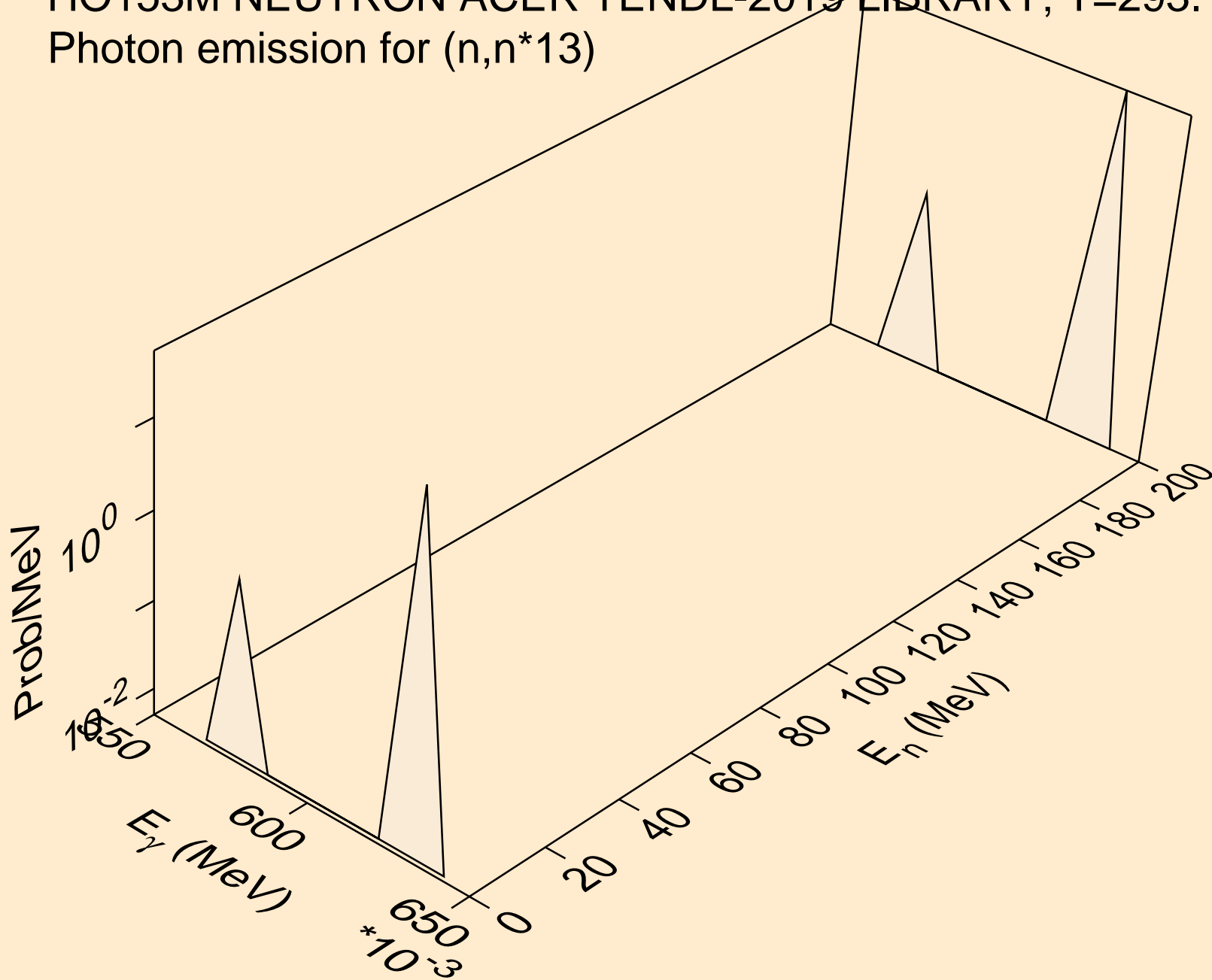
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Photon emission for (n,n*11)



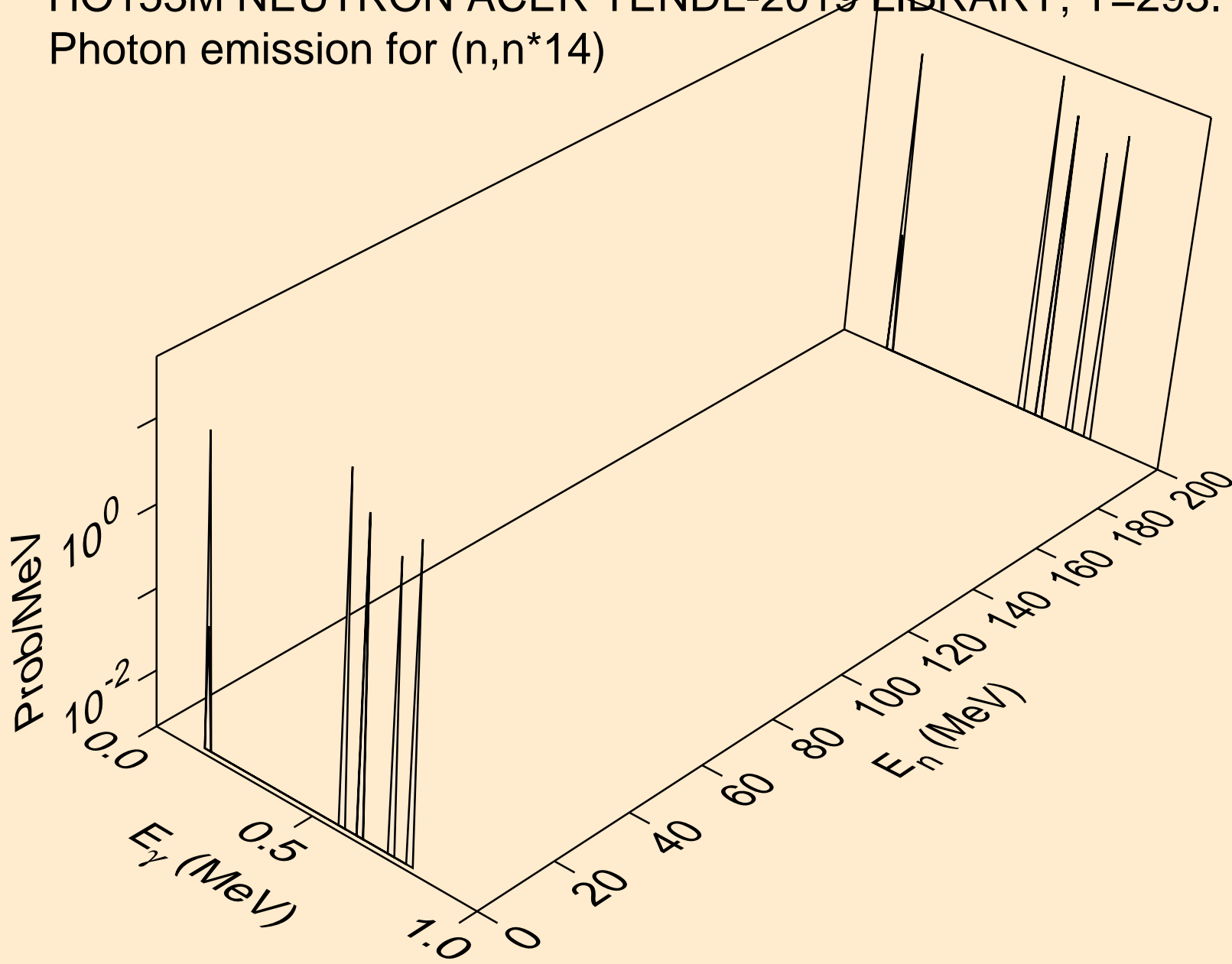
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Photon emission for (n,n*12)



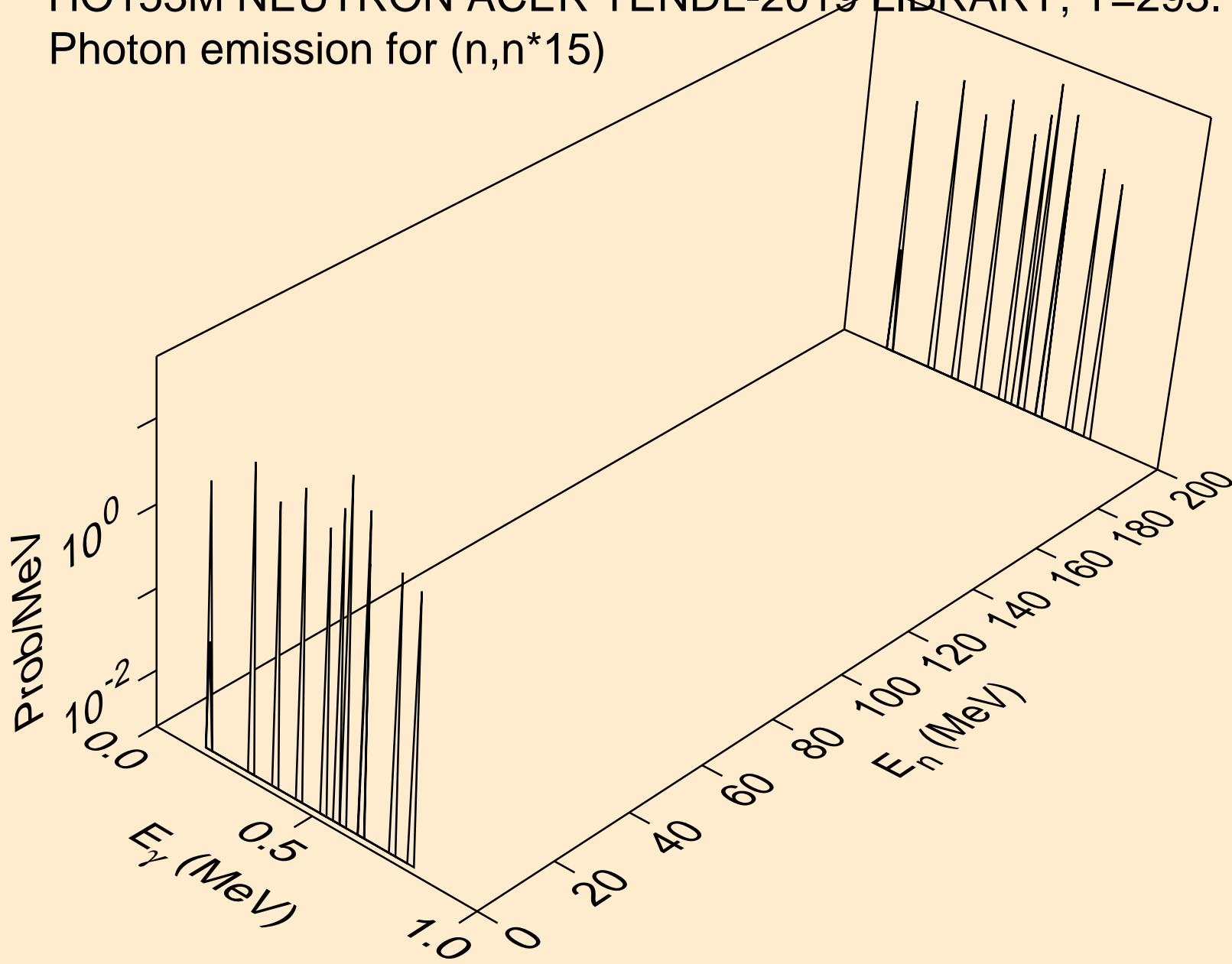
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Photon emission for (n,n*13)



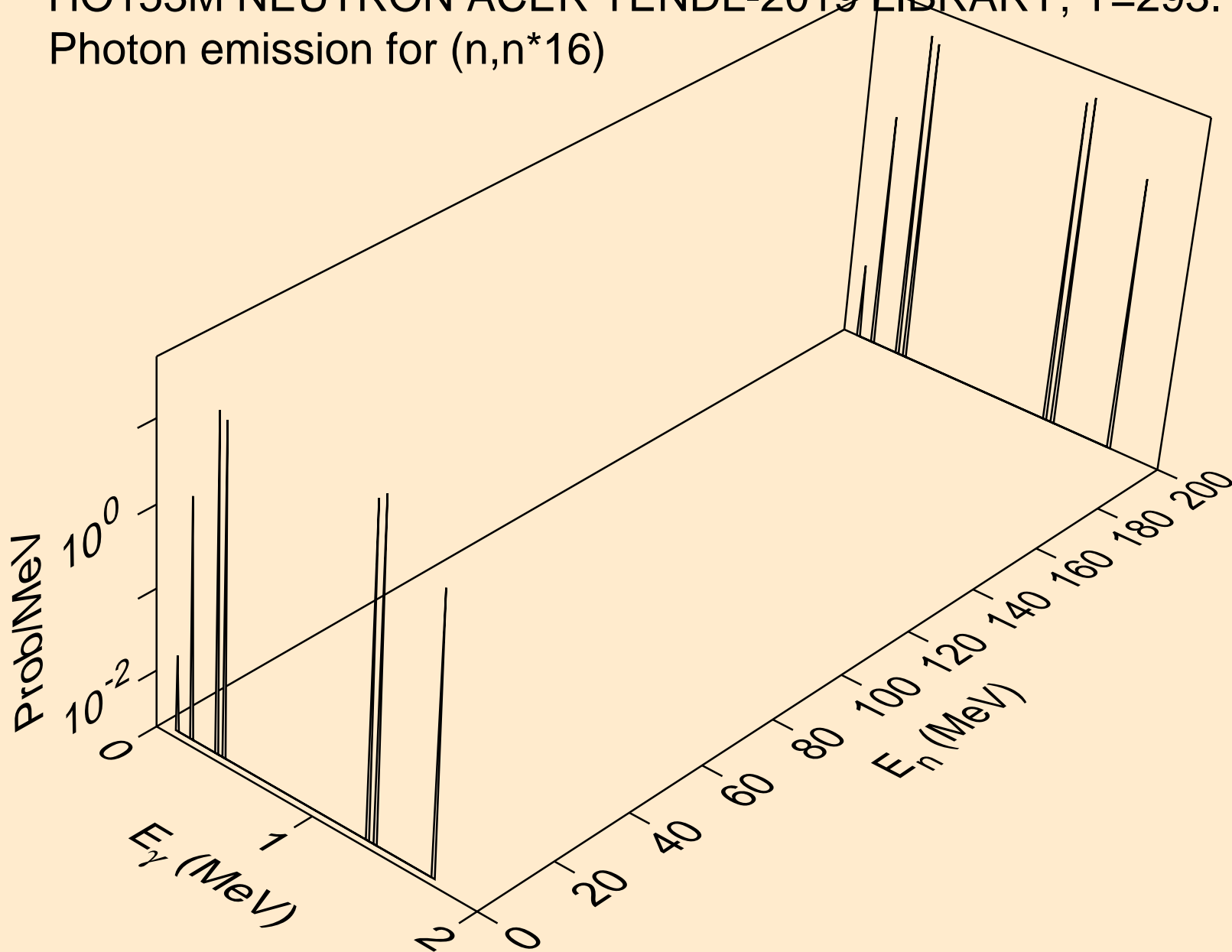
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Photon emission for (n,n*14)



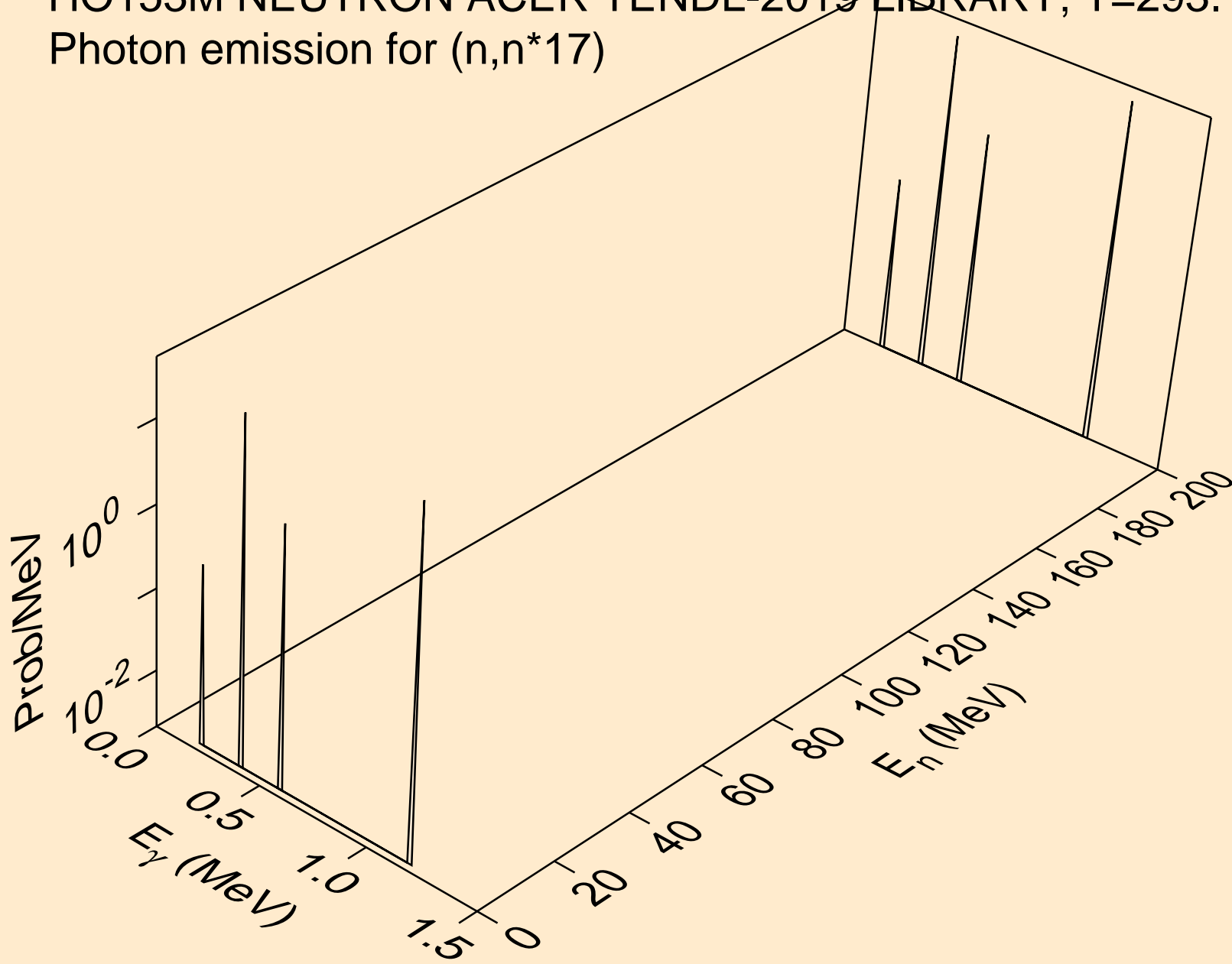
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Photon emission for (n,n*15)



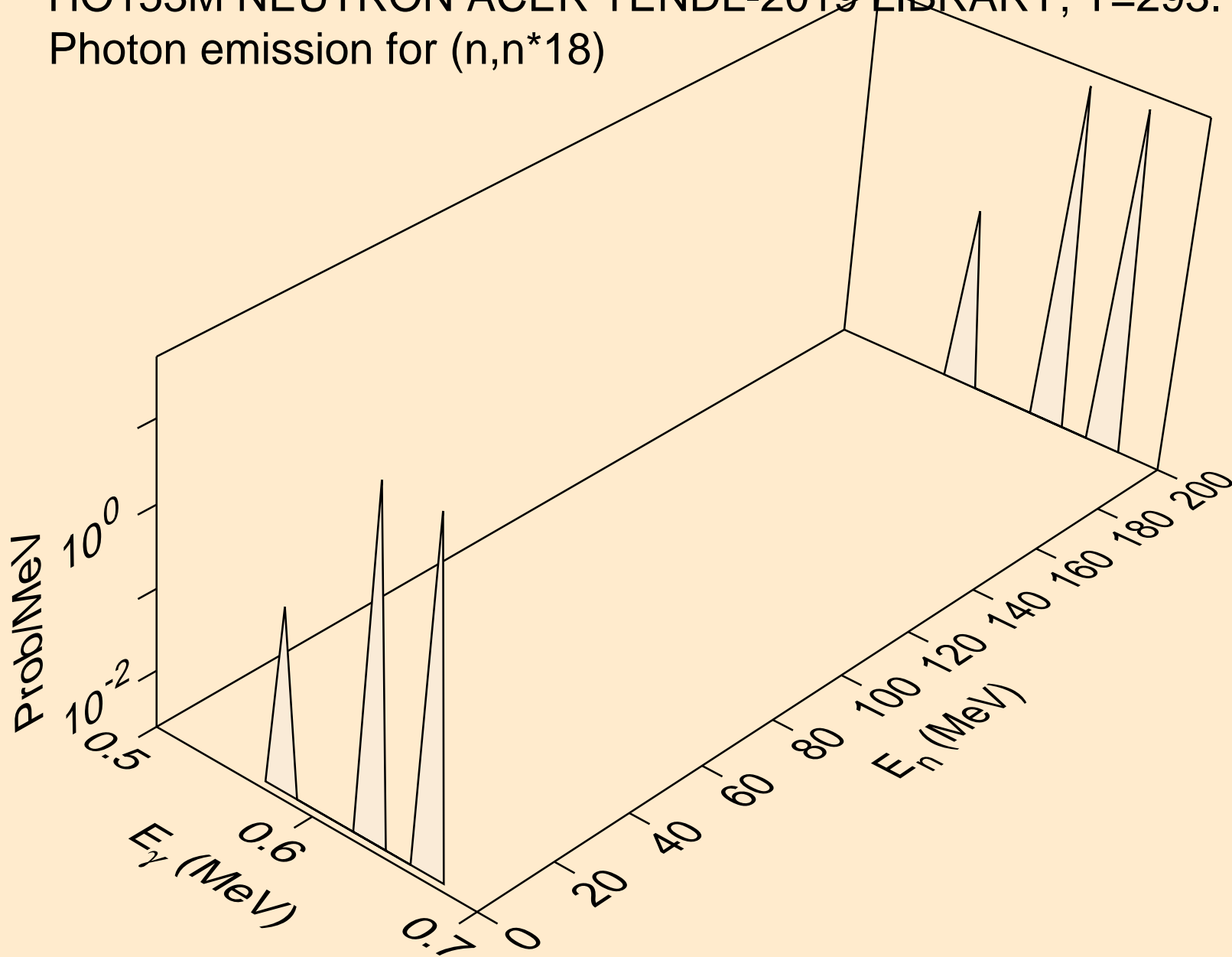
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Photon emission for (n,n*16)



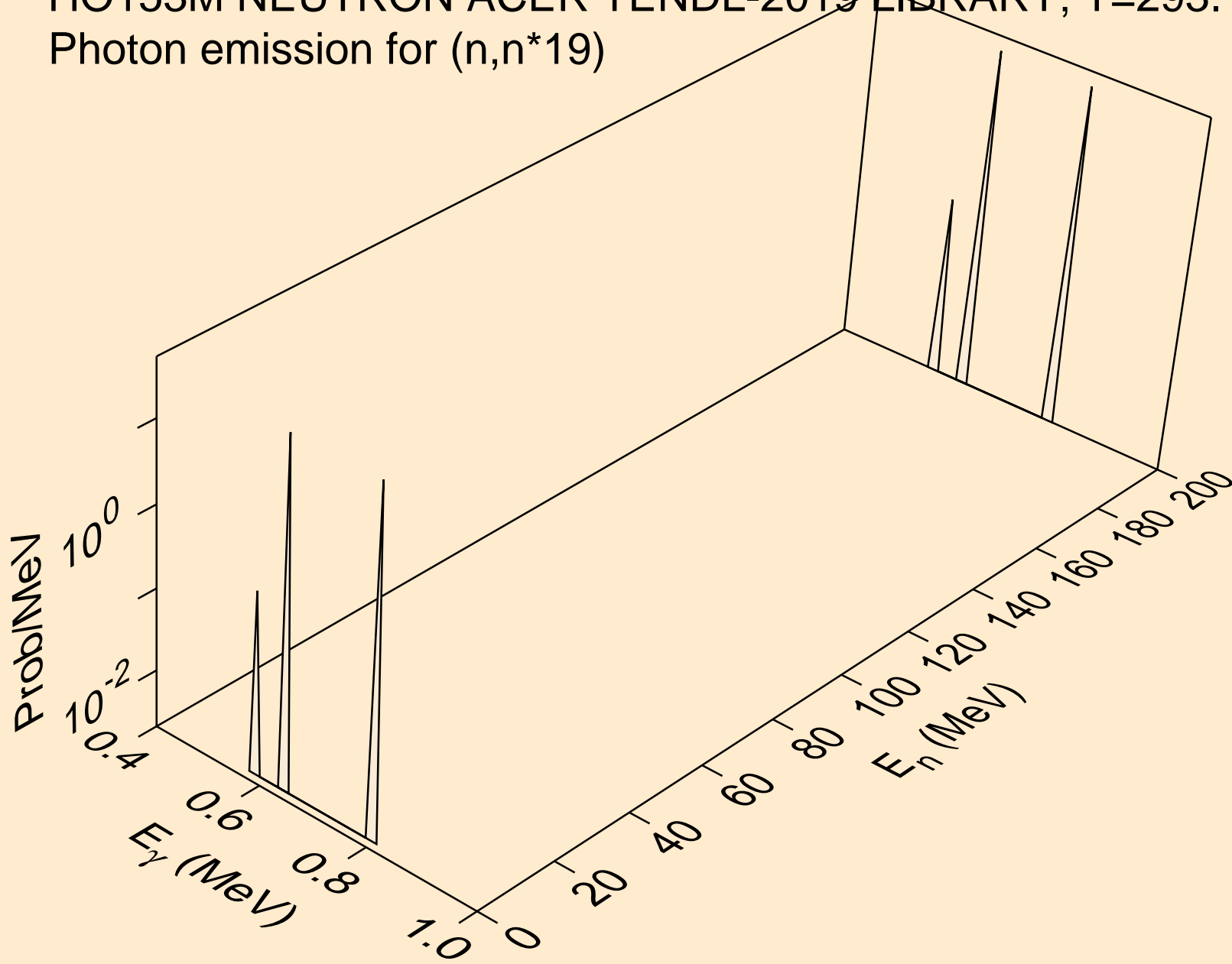
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Photon emission for (n,n*17)



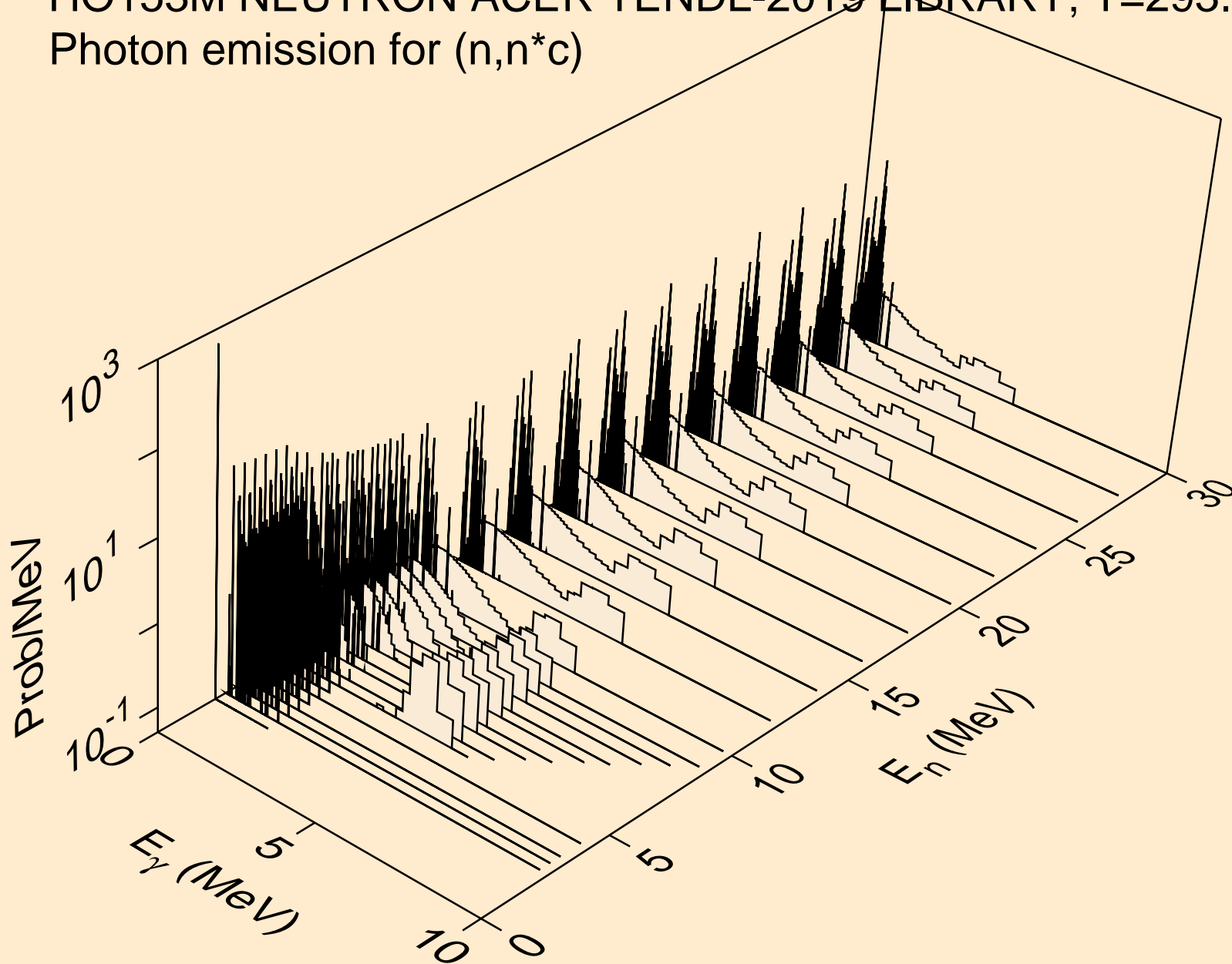
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Photon emission for (n,n*18)



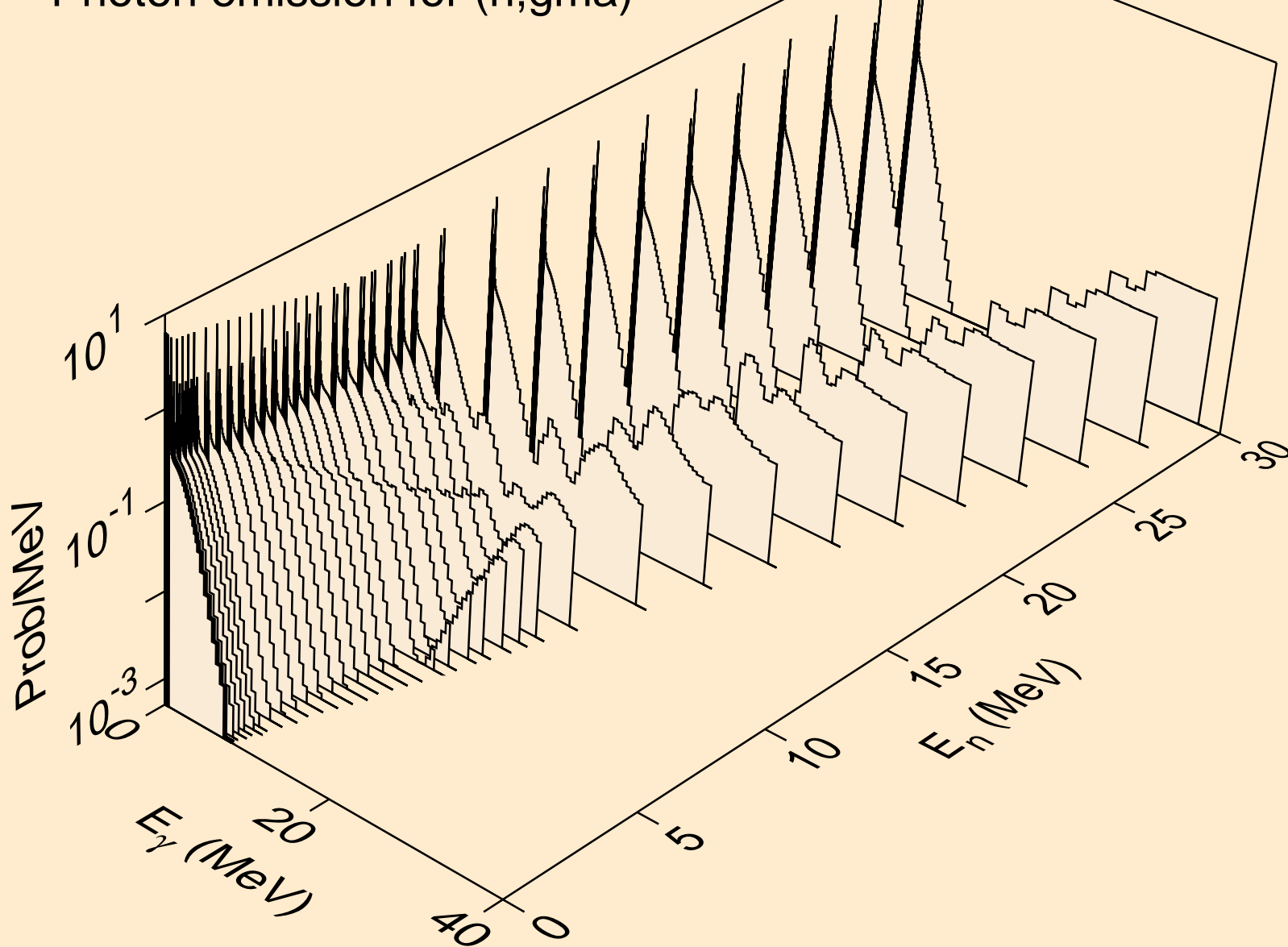
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Photon emission for (n,n*19)



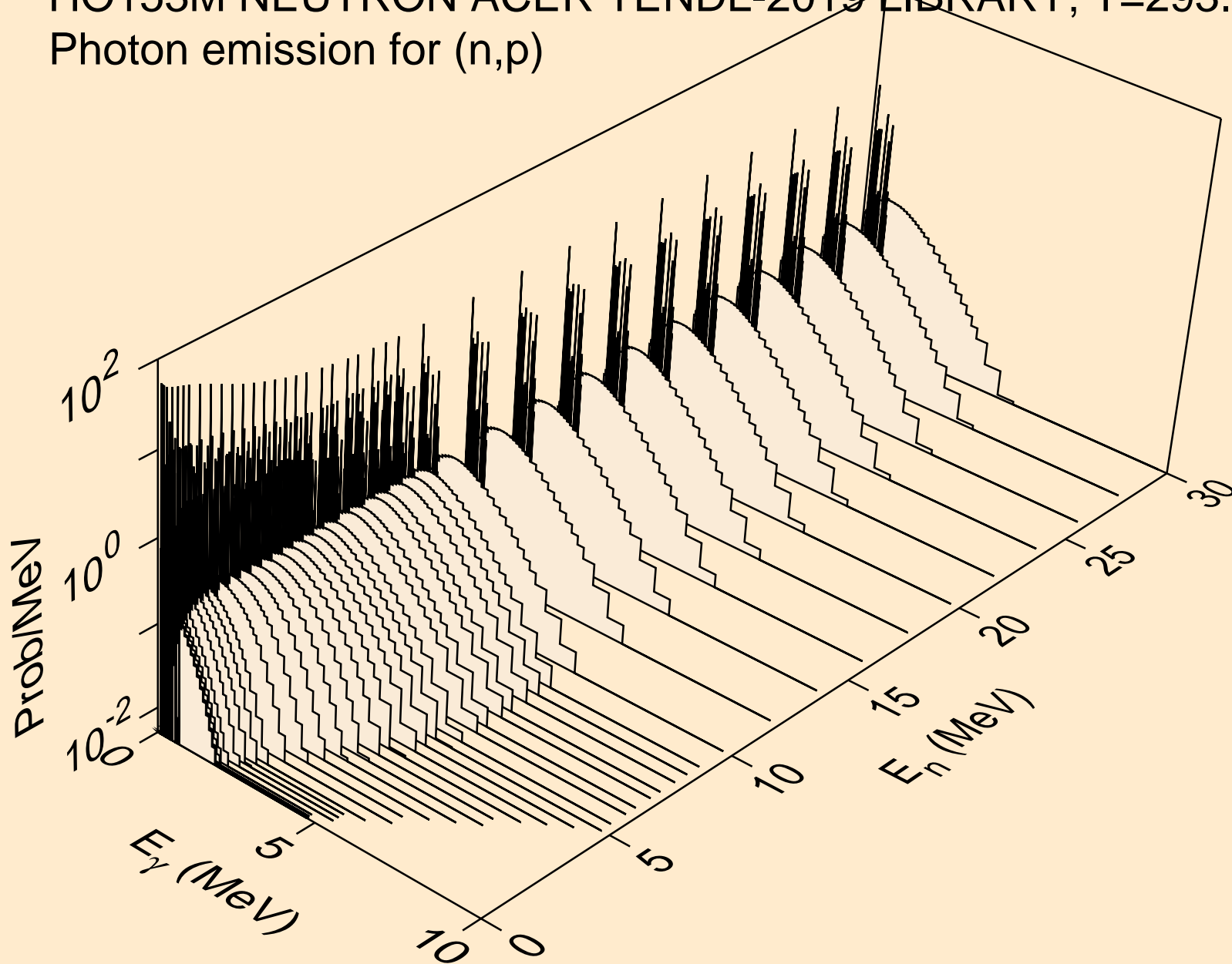
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Photon emission for (n,n*c)



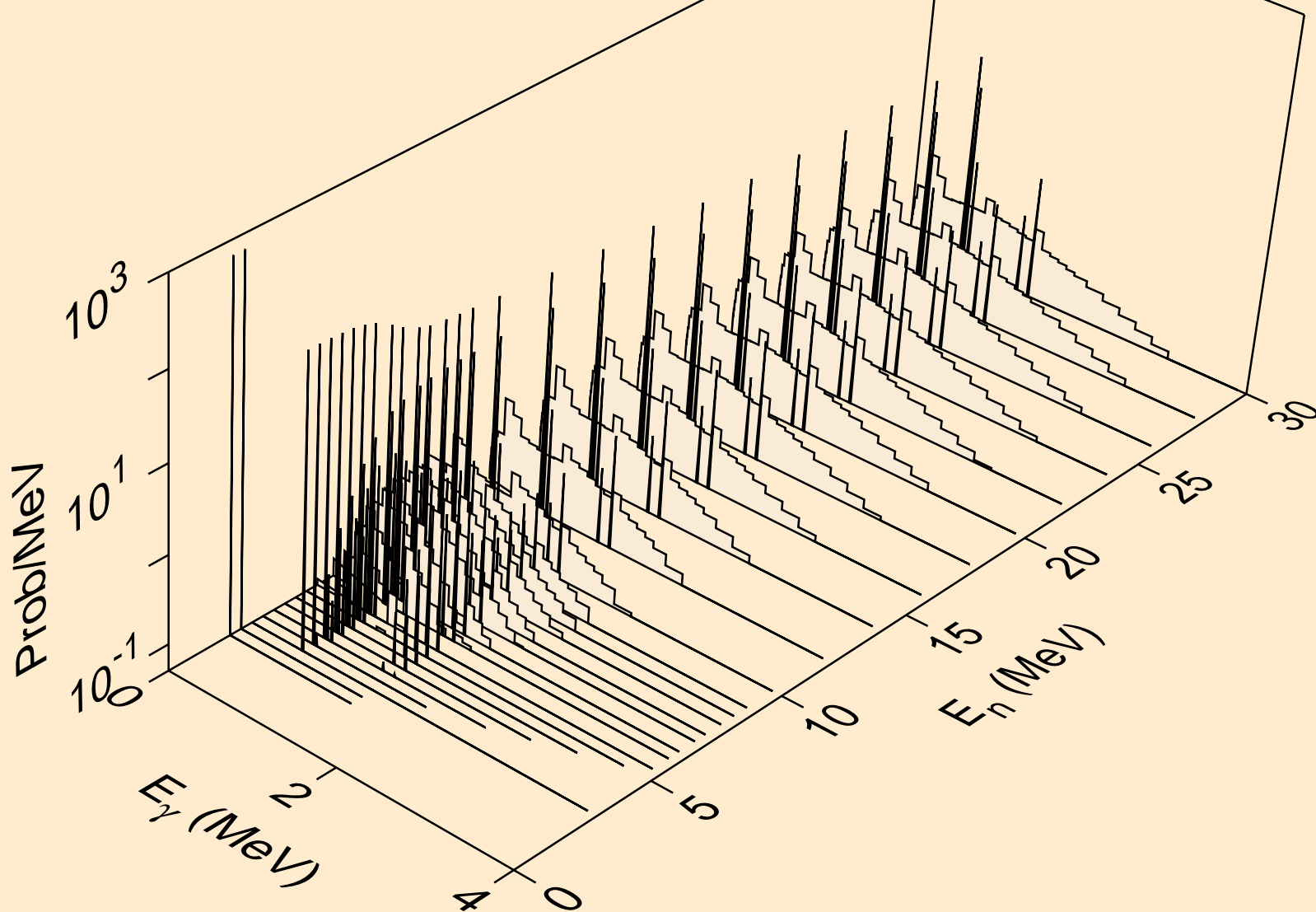
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Photon emission for (n,gma)



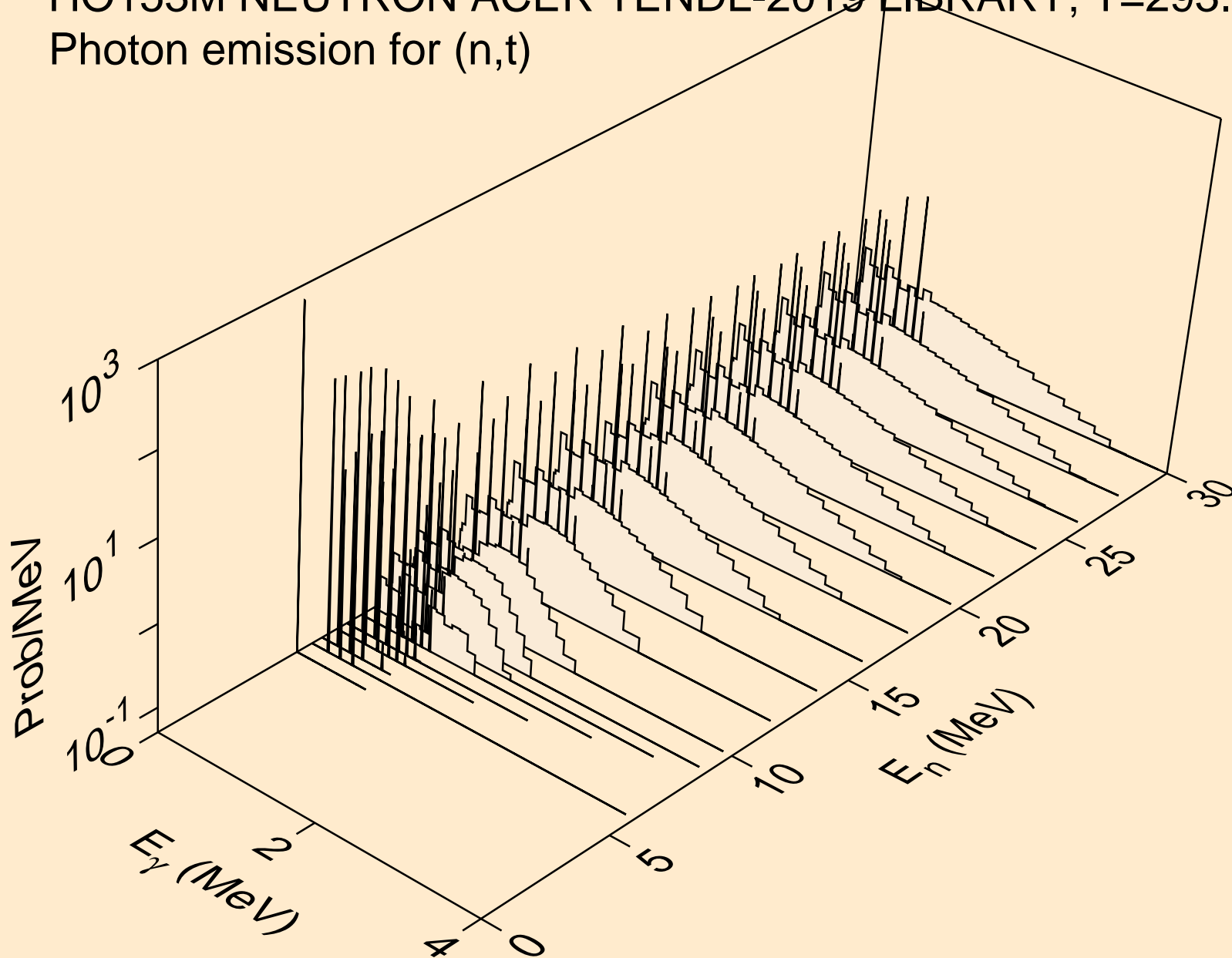
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Photon emission for (n,p)



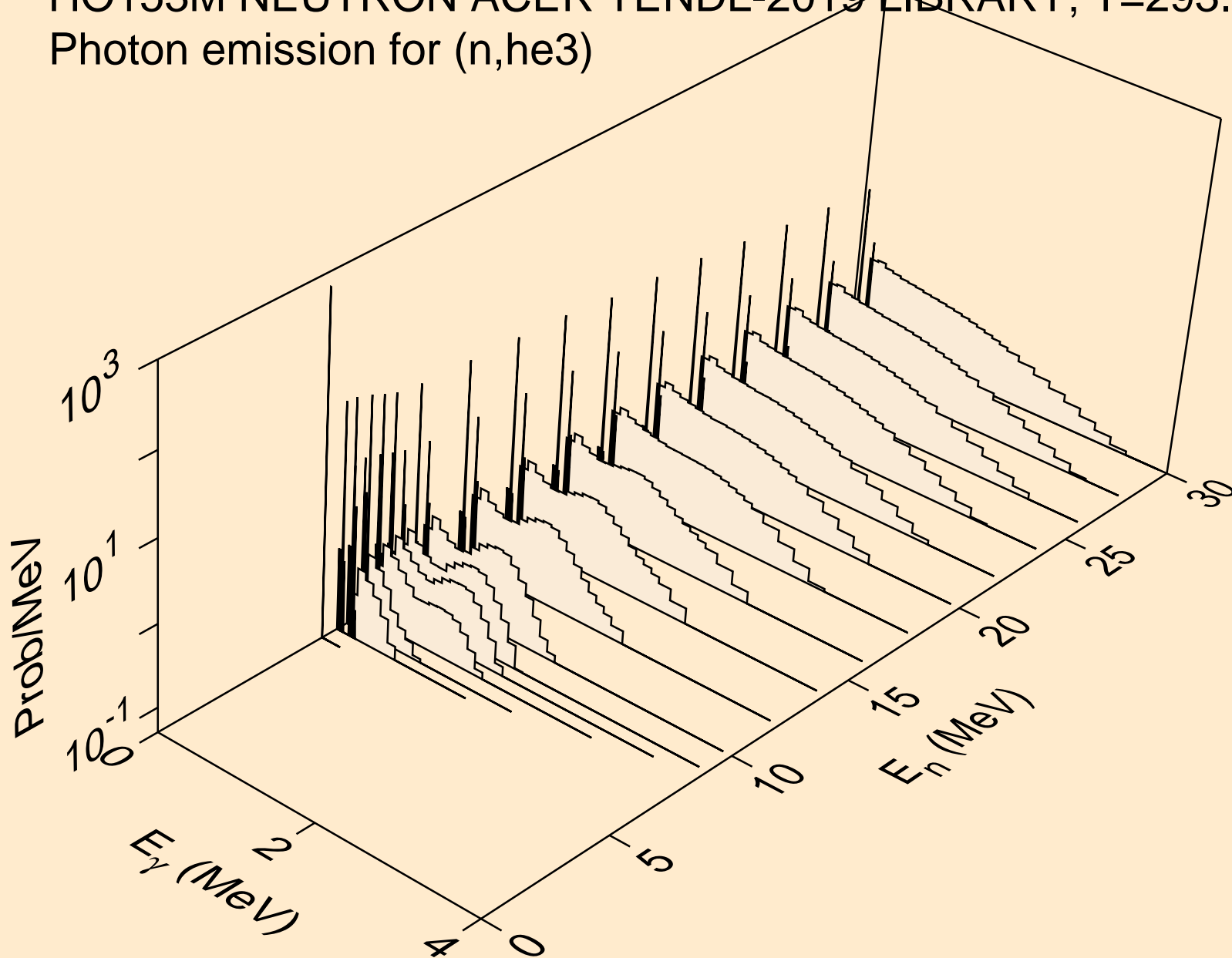
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Photon emission for (n,d)



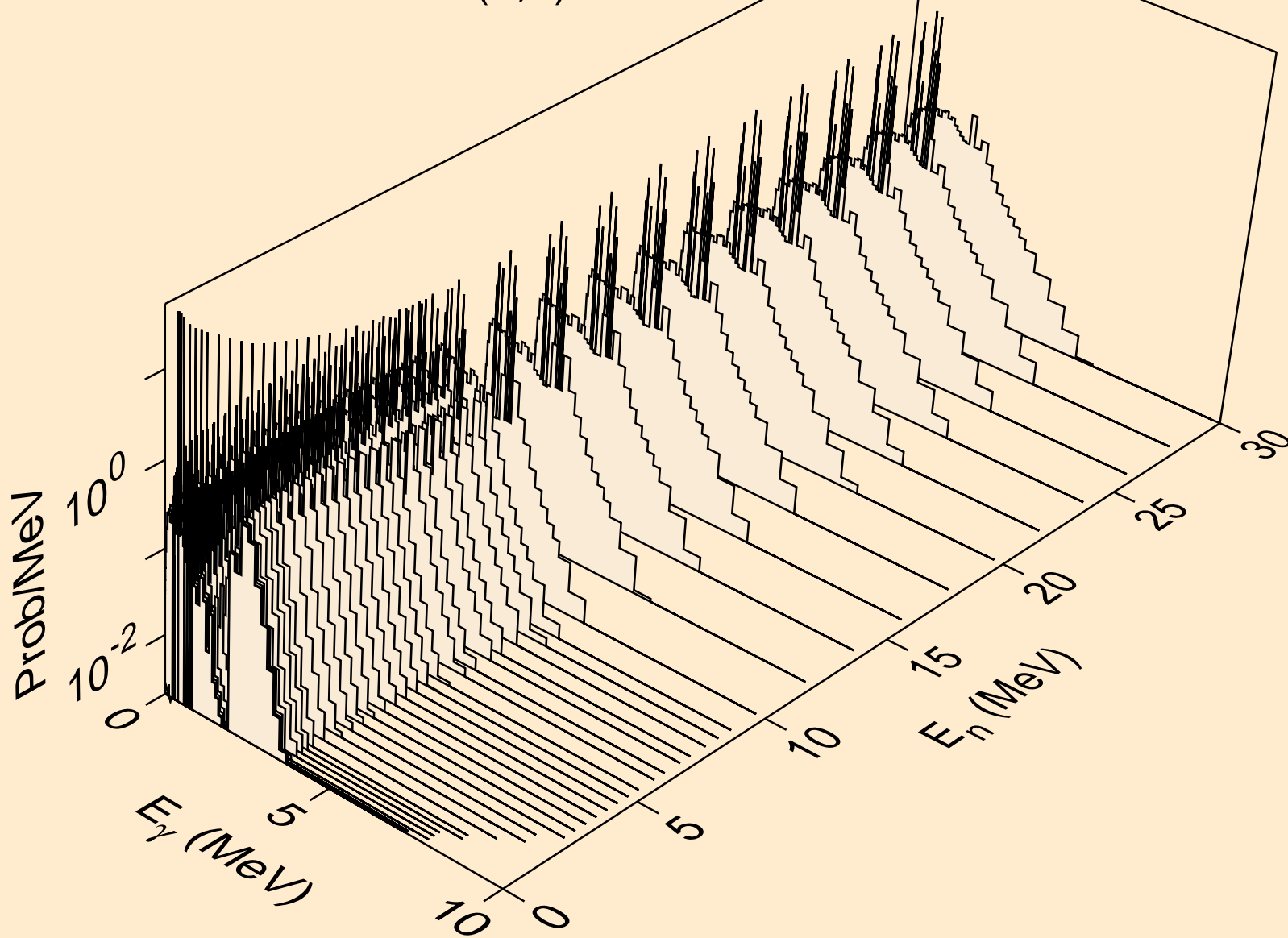
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Photon emission for (n,t)



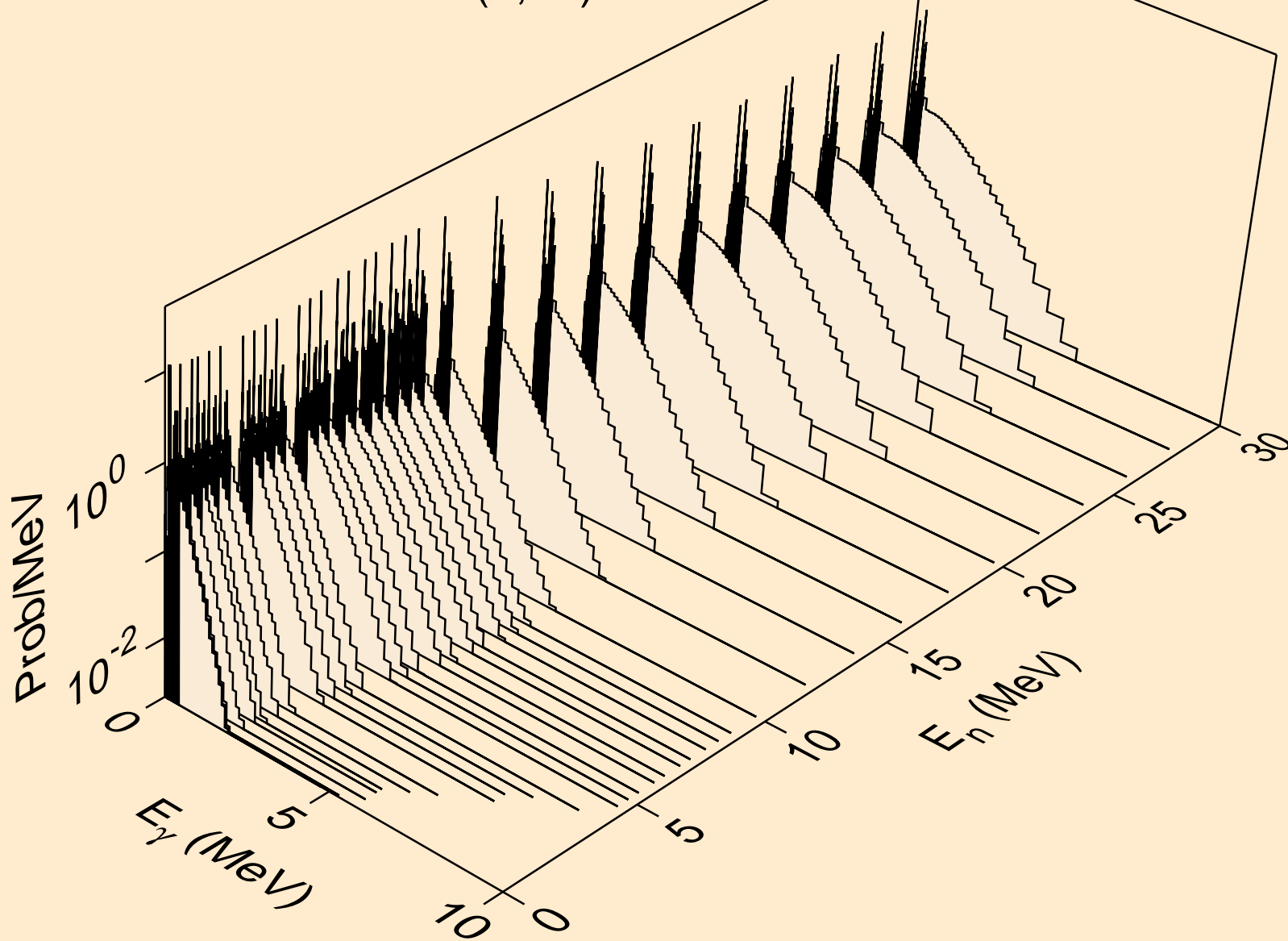
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Photon emission for (n,he3)



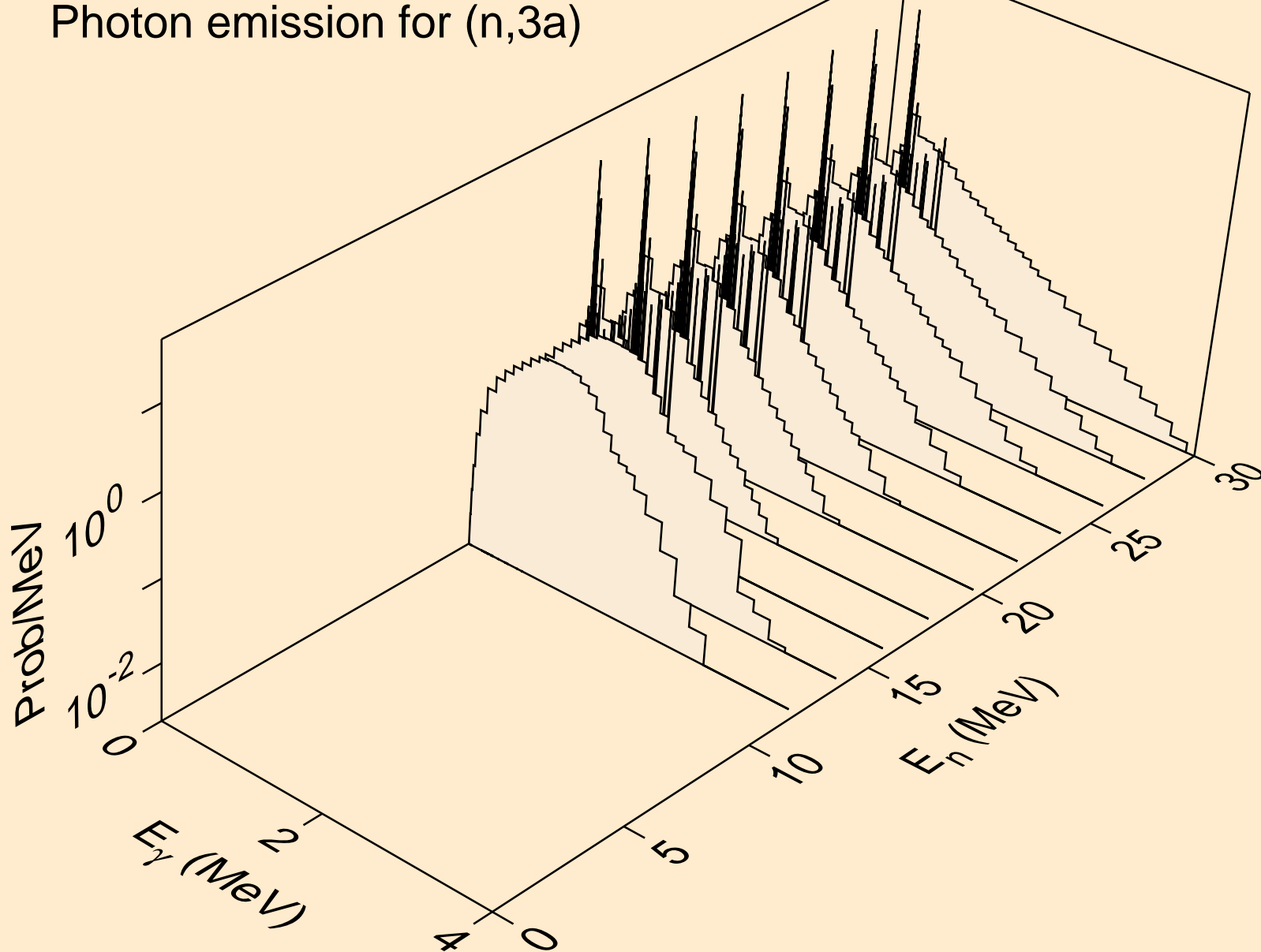
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Photon emission for (n,a)



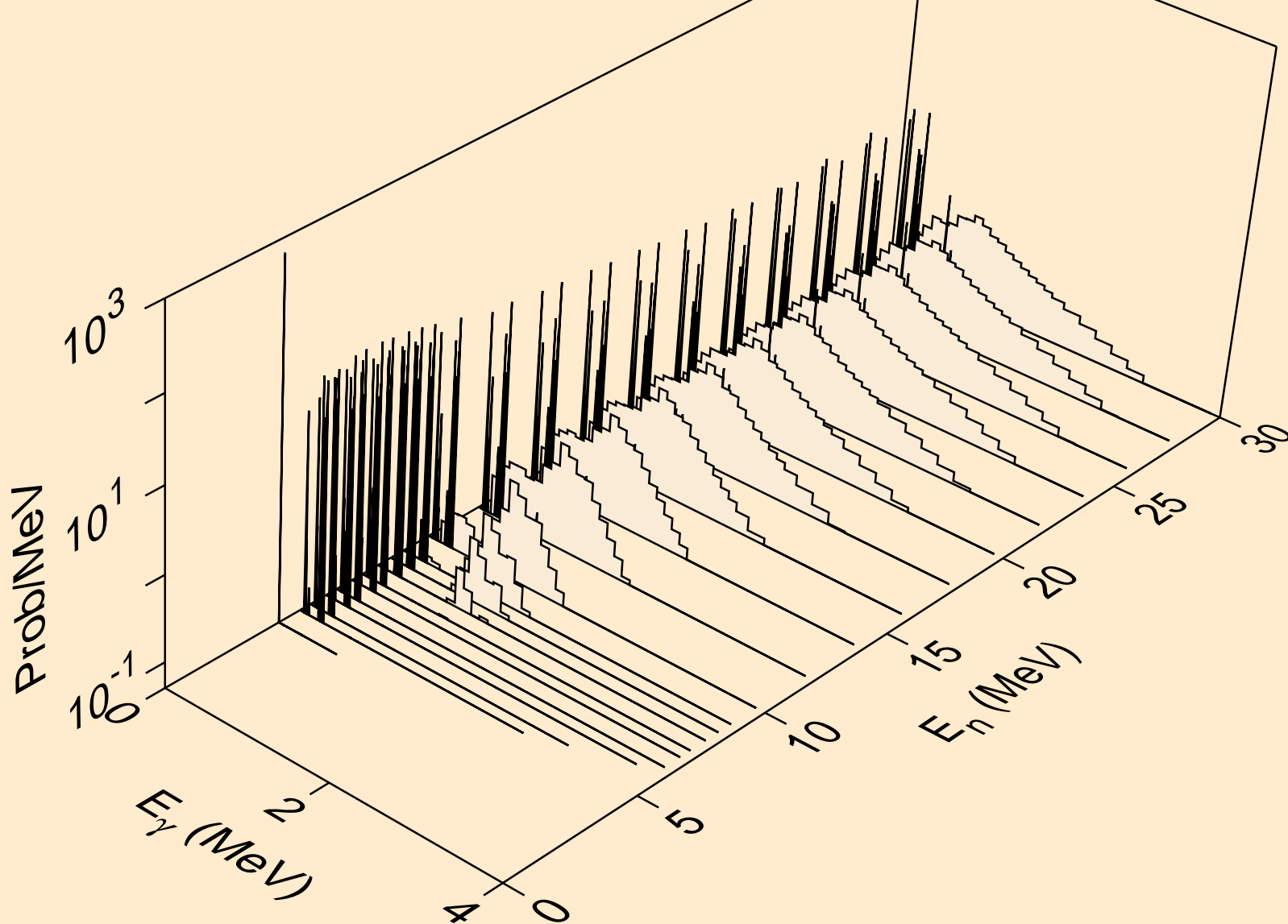
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Photon emission for (n,2a)



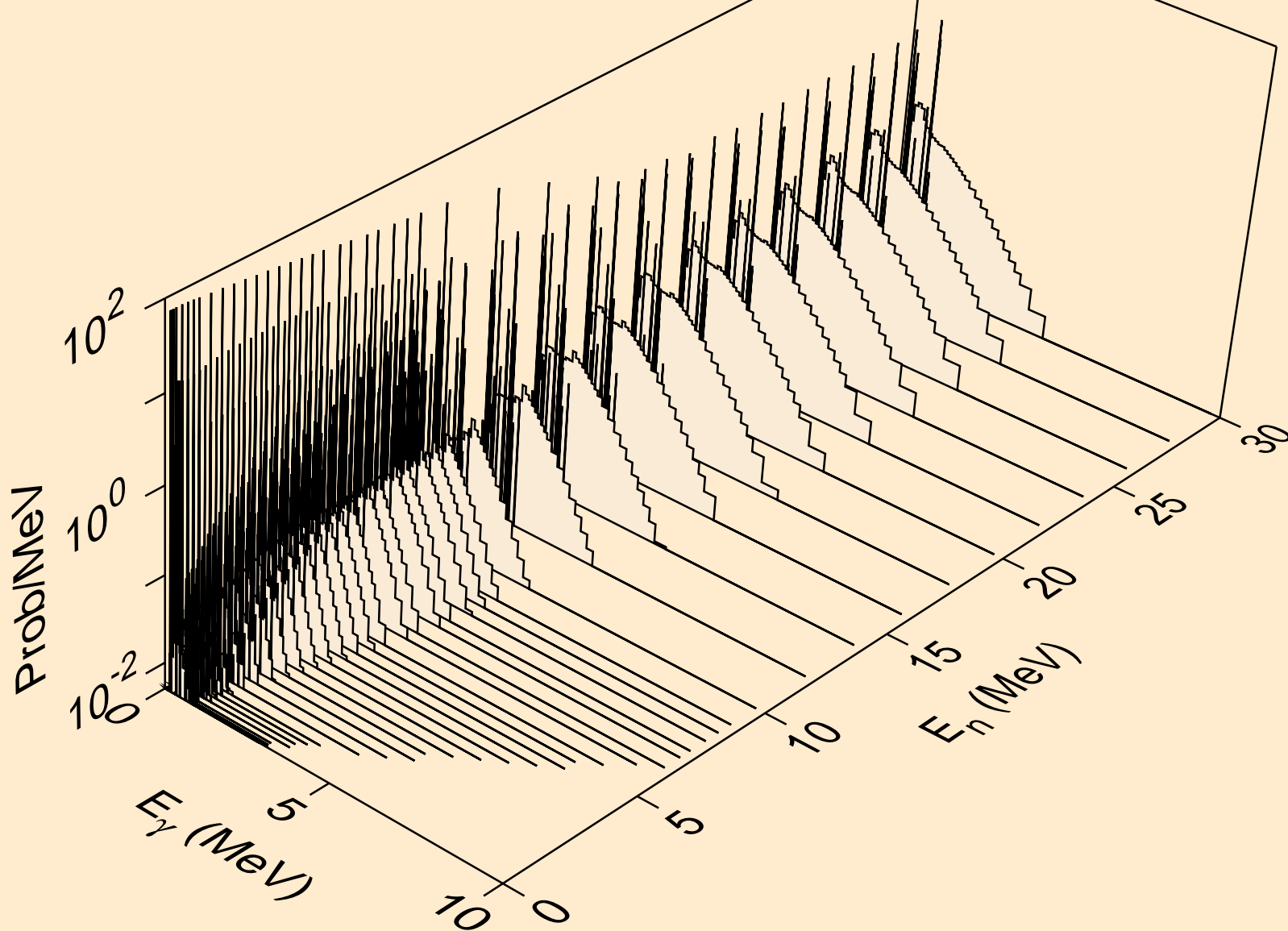
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Photon emission for (n,3a)



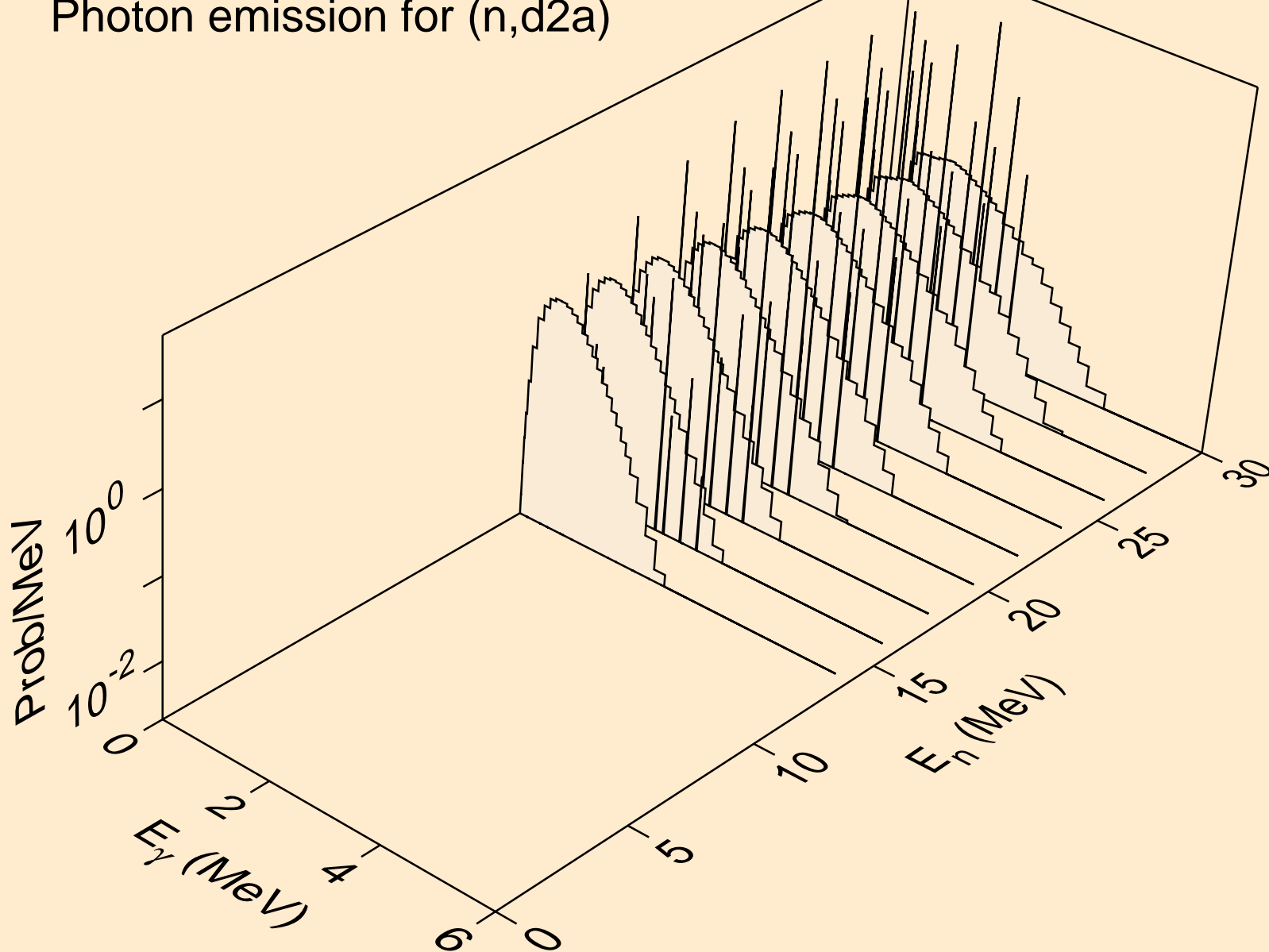
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Photon emission for (n,2p)



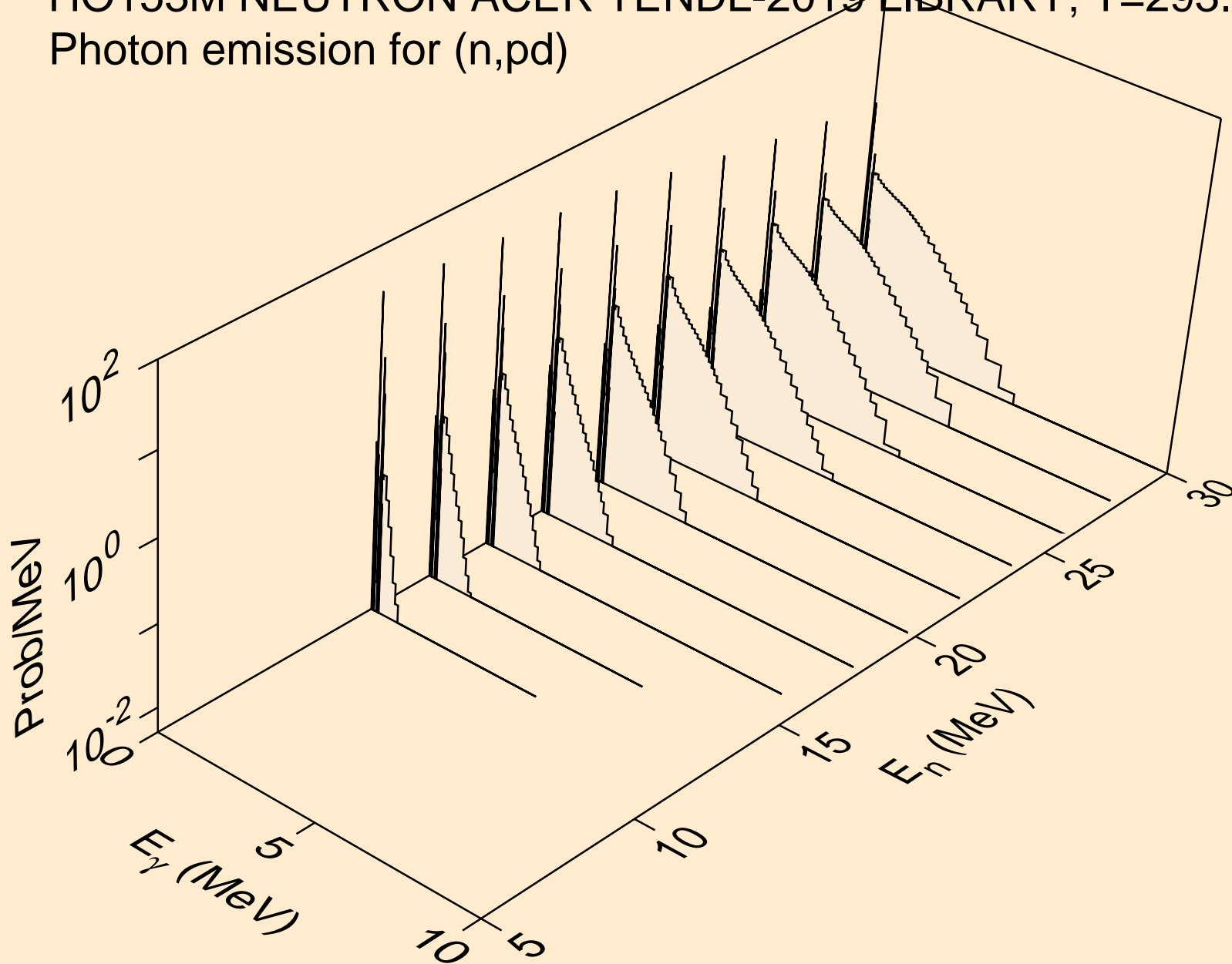
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Photon emission for (n,pa)



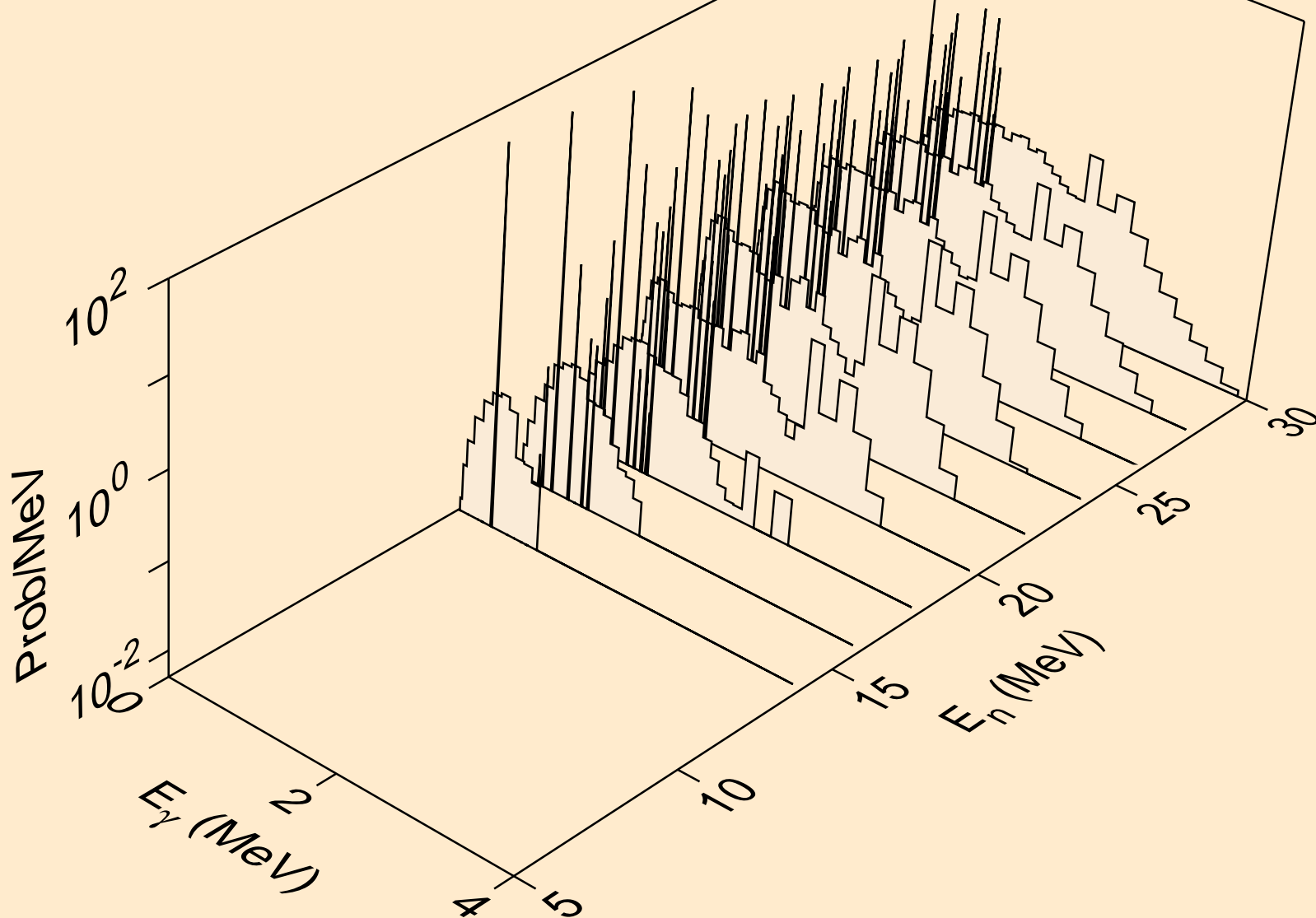
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Photon emission for (n,d2a)



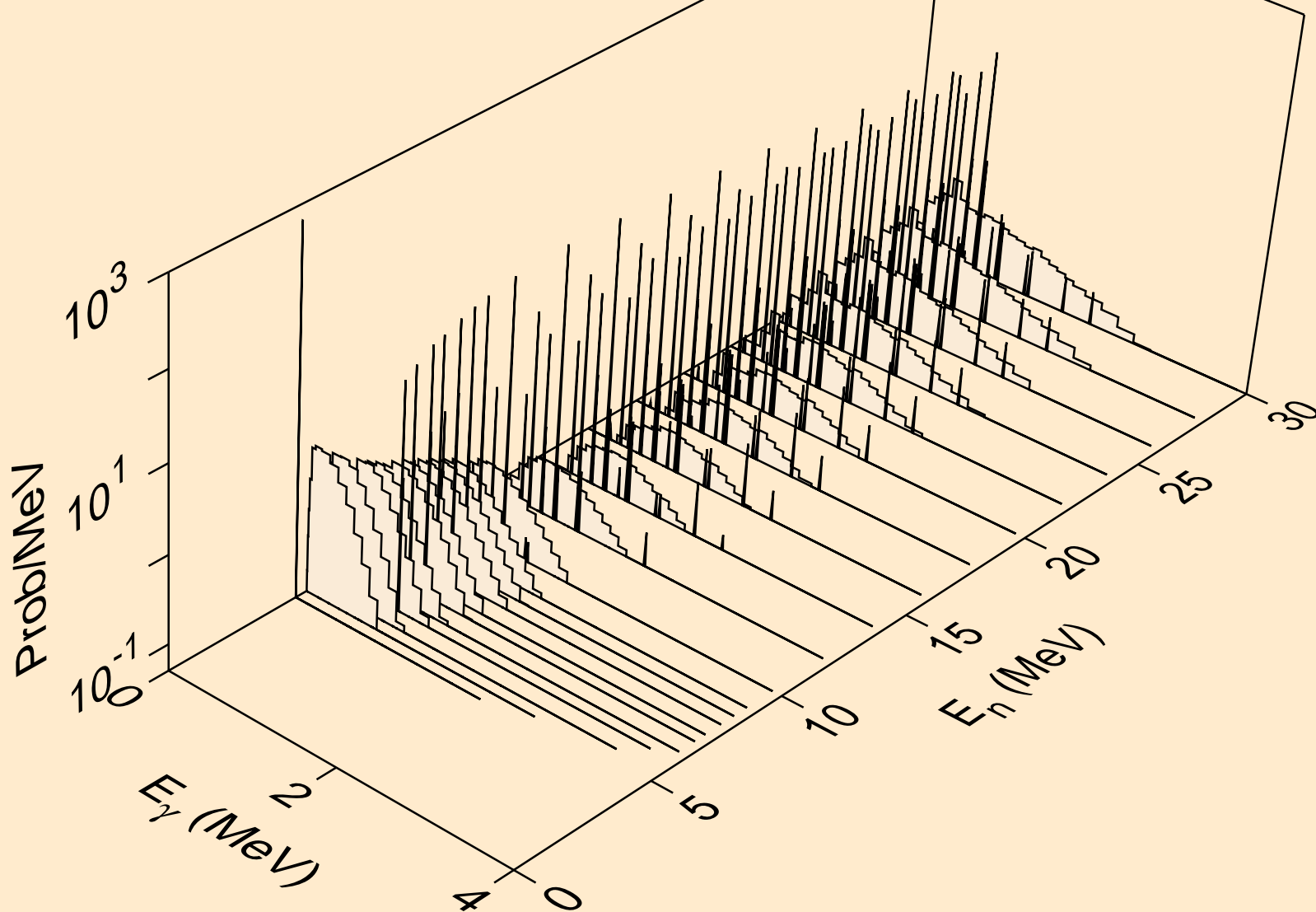
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Photon emission for (n,pd)



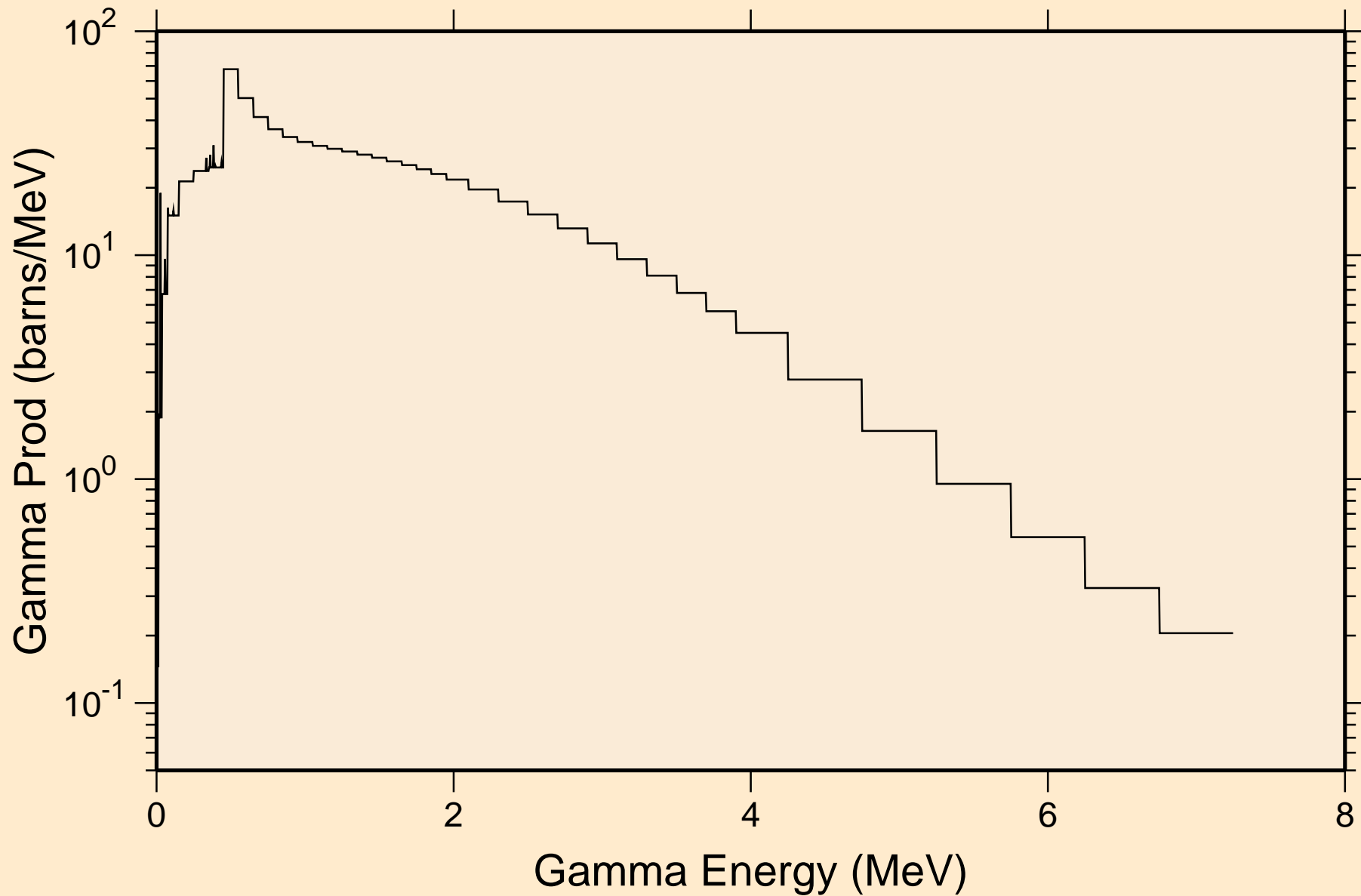
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



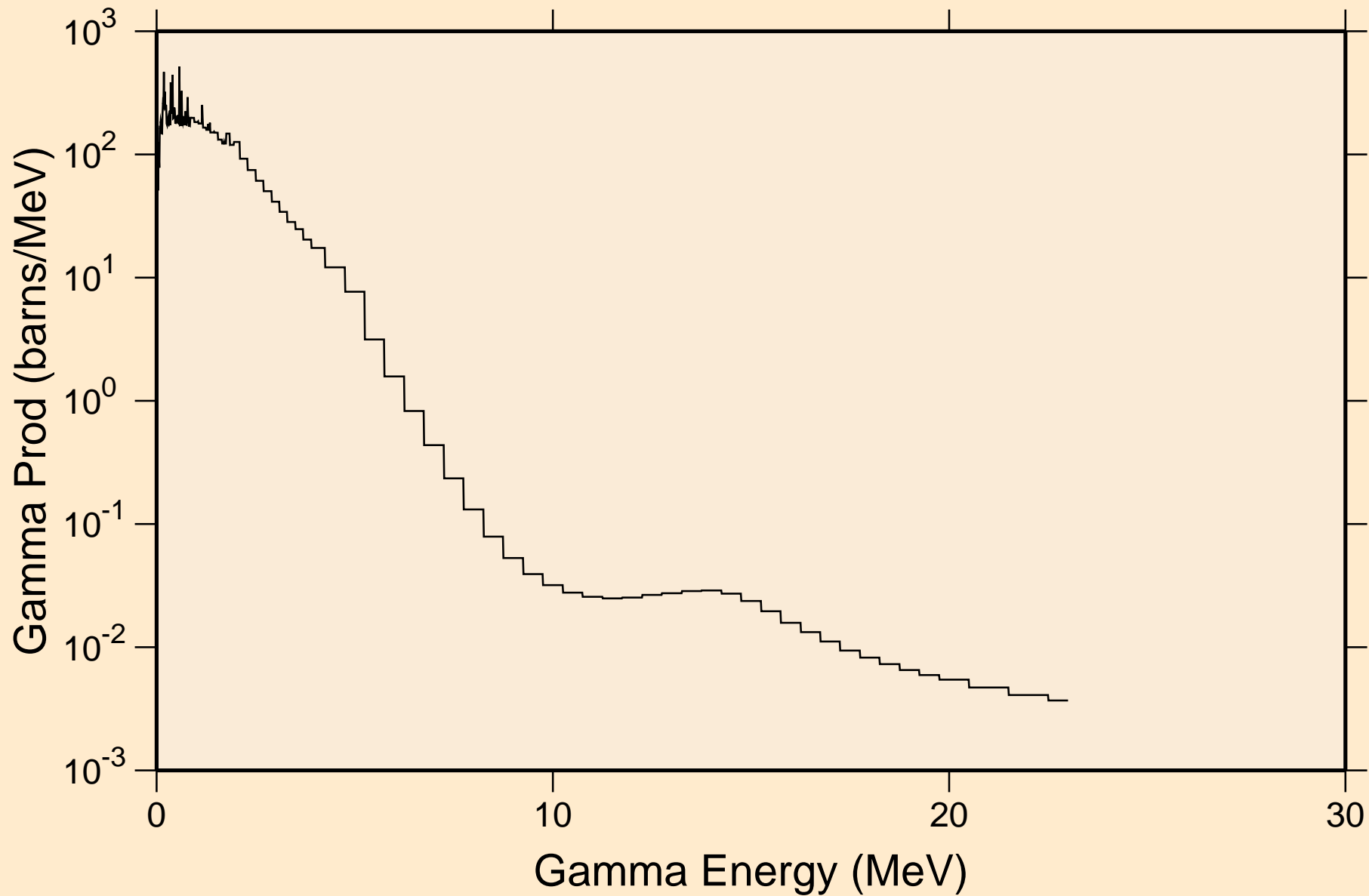
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

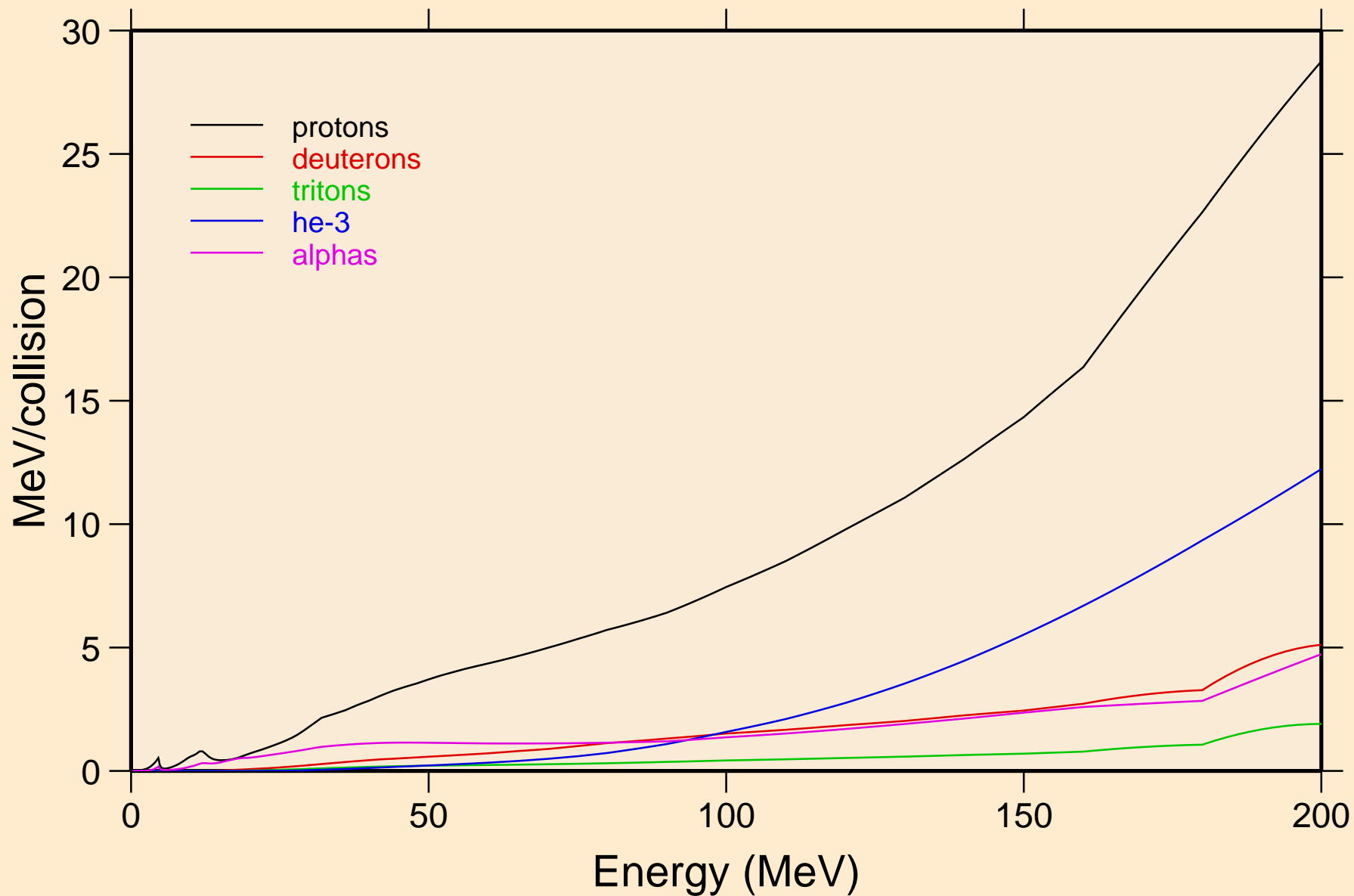


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

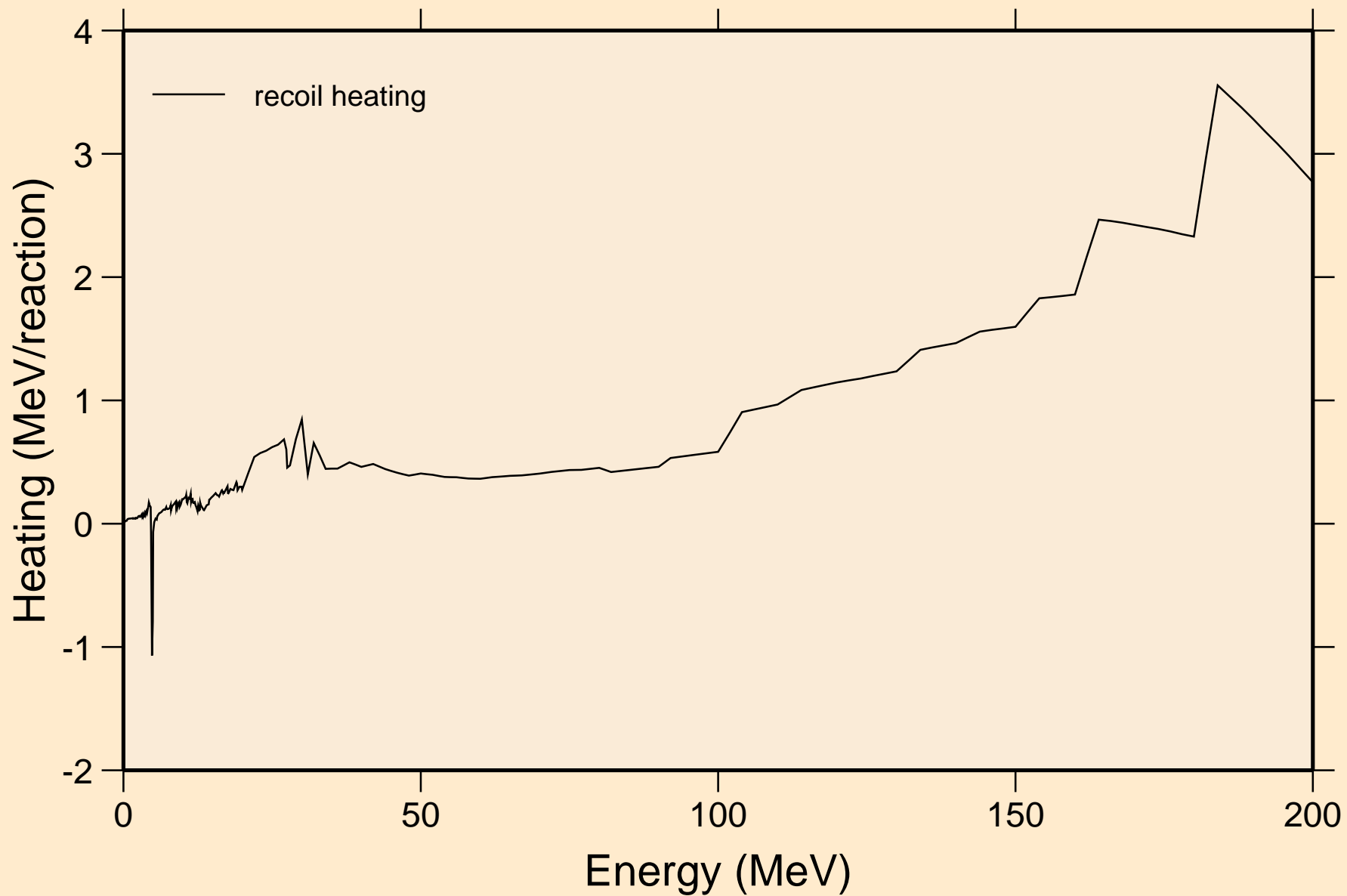


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

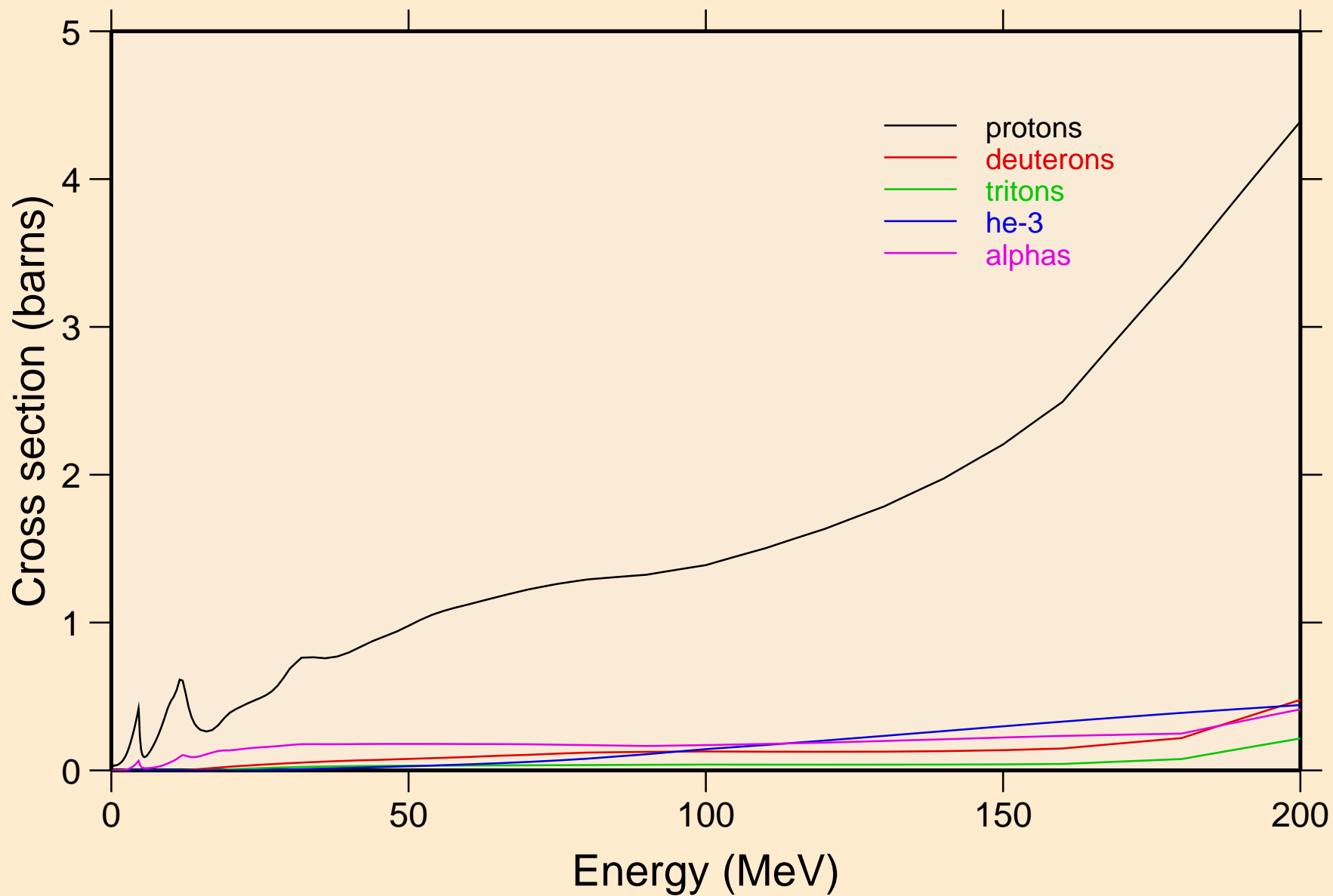


HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

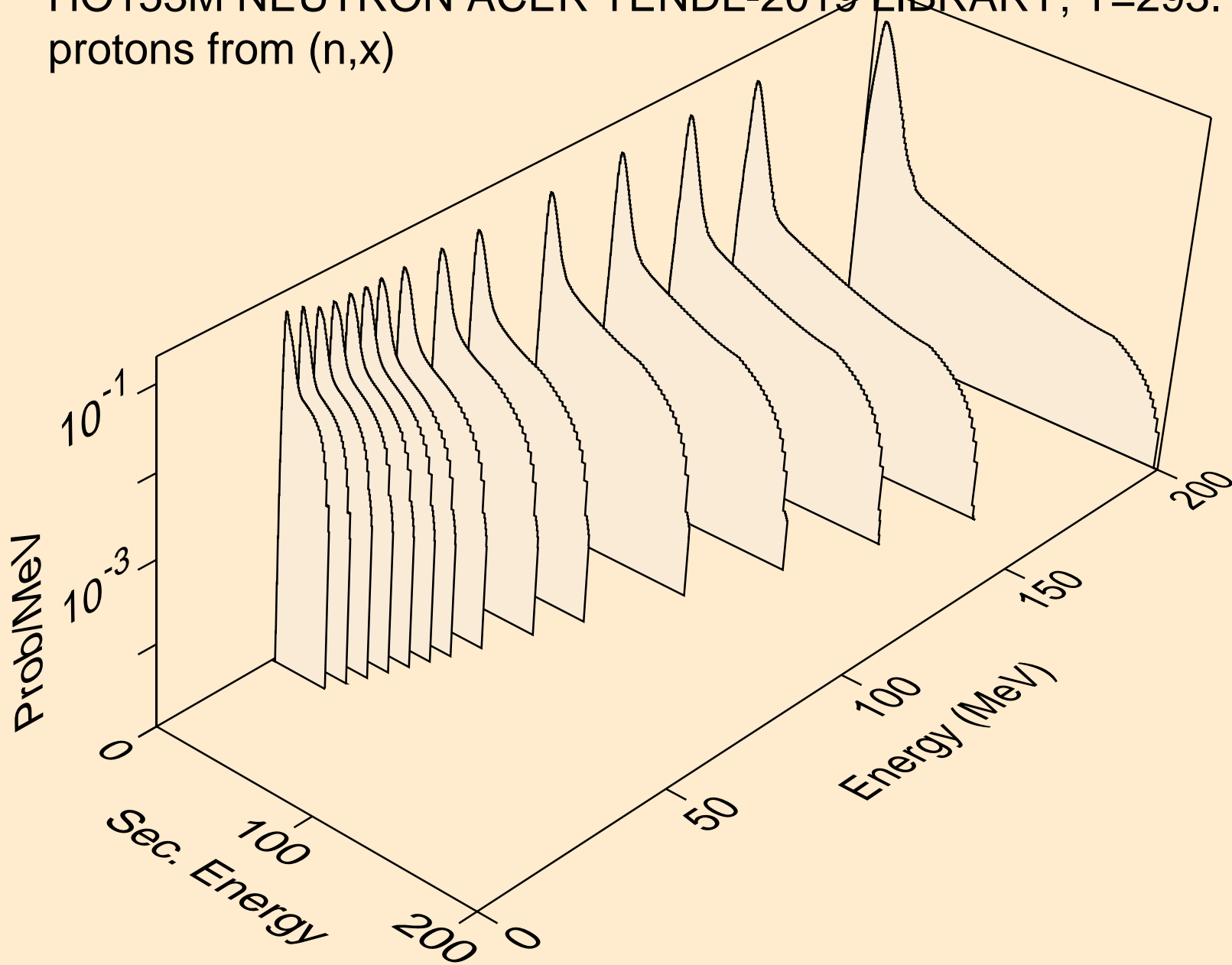


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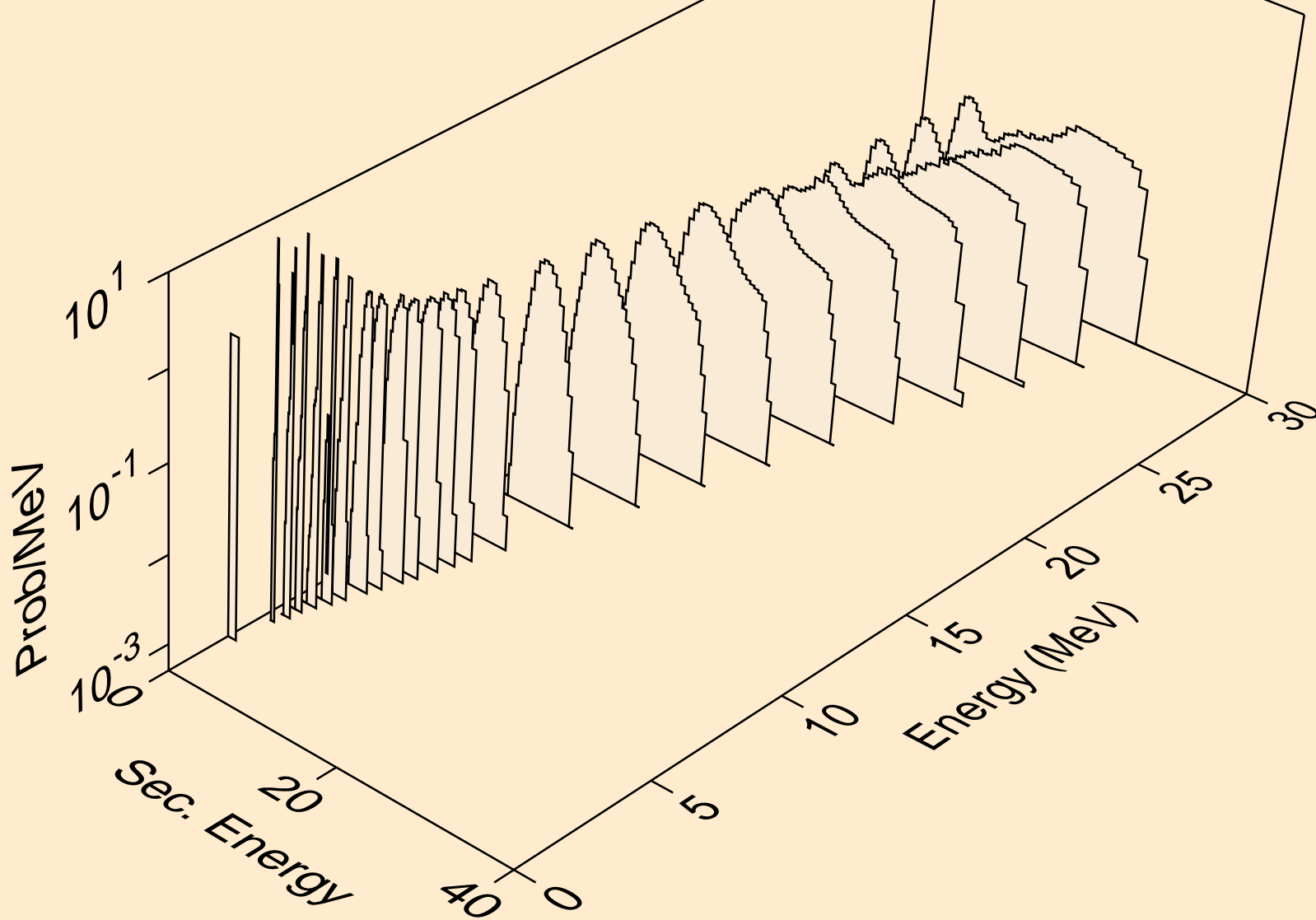
Particle production cross sections



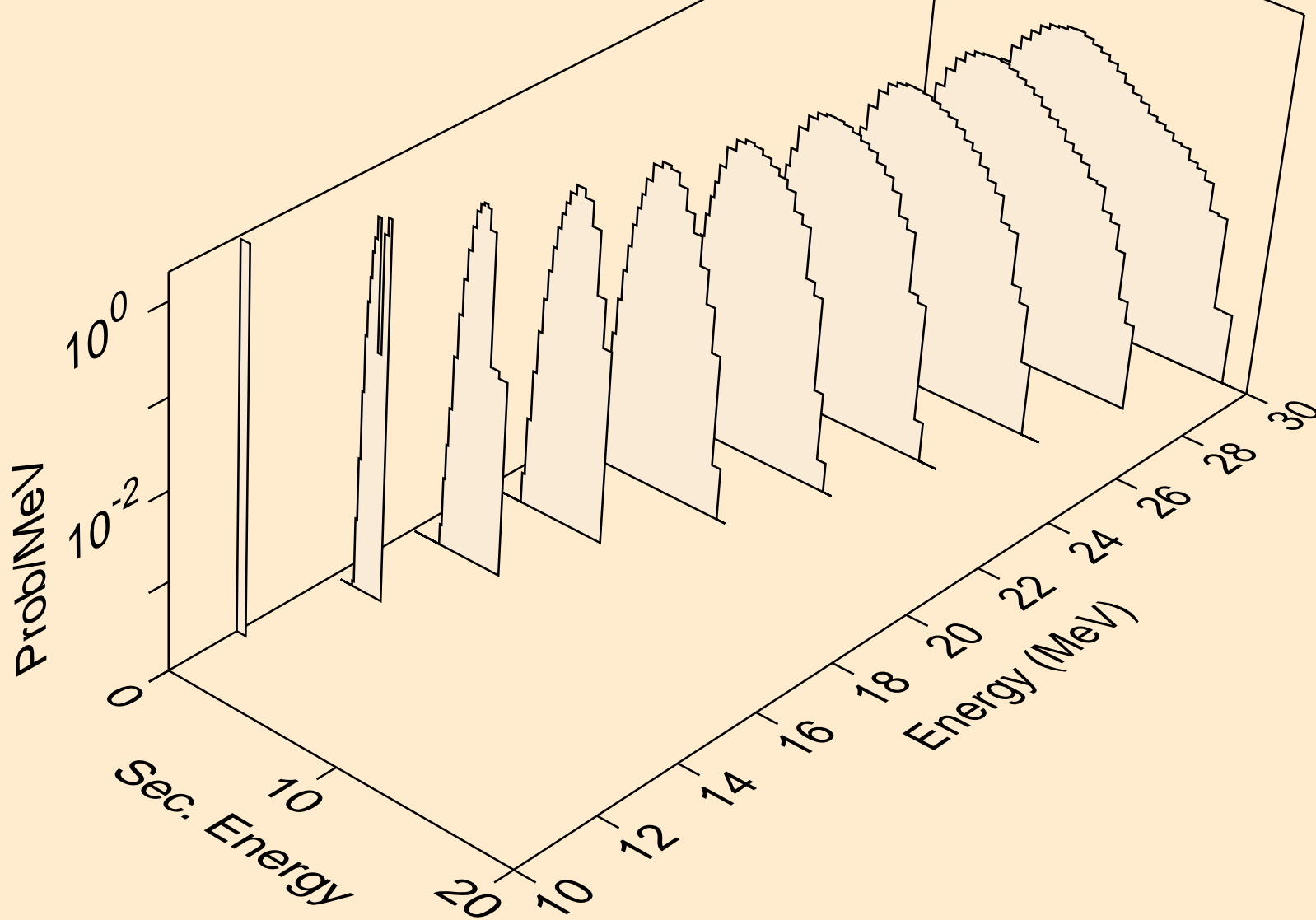
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protons from (n,x)



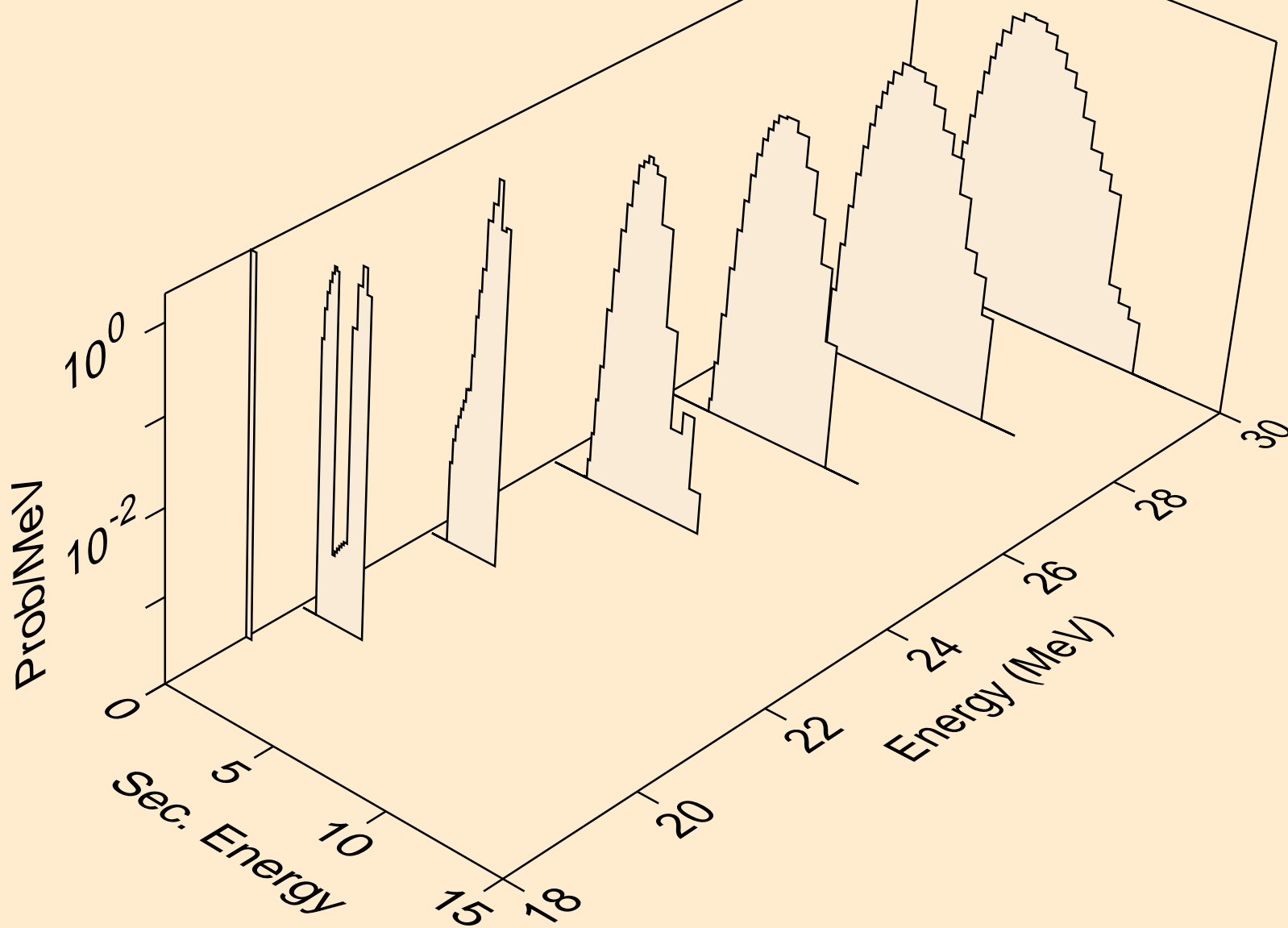
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protons from (n,n*)p



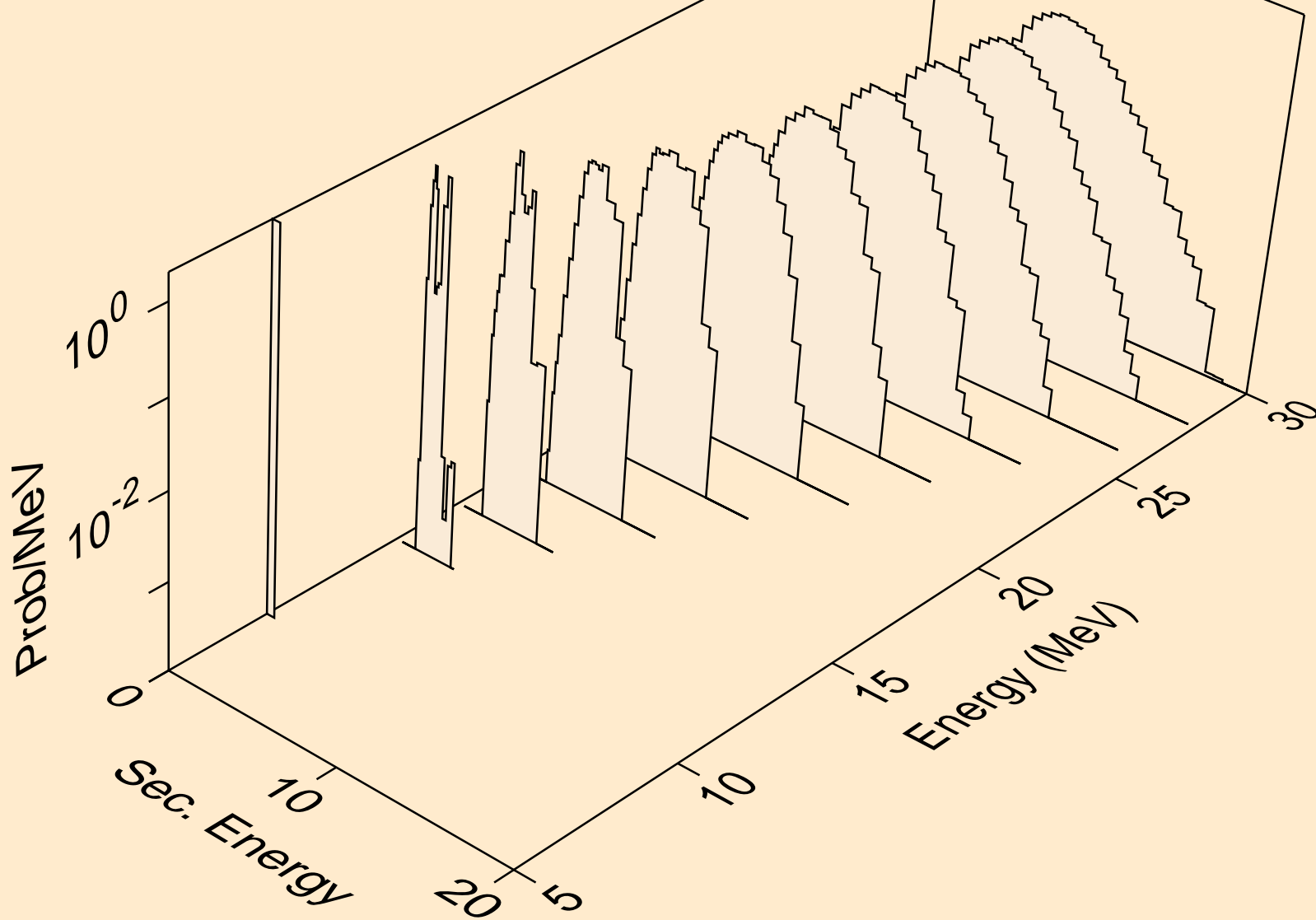
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protons from (n,2np)



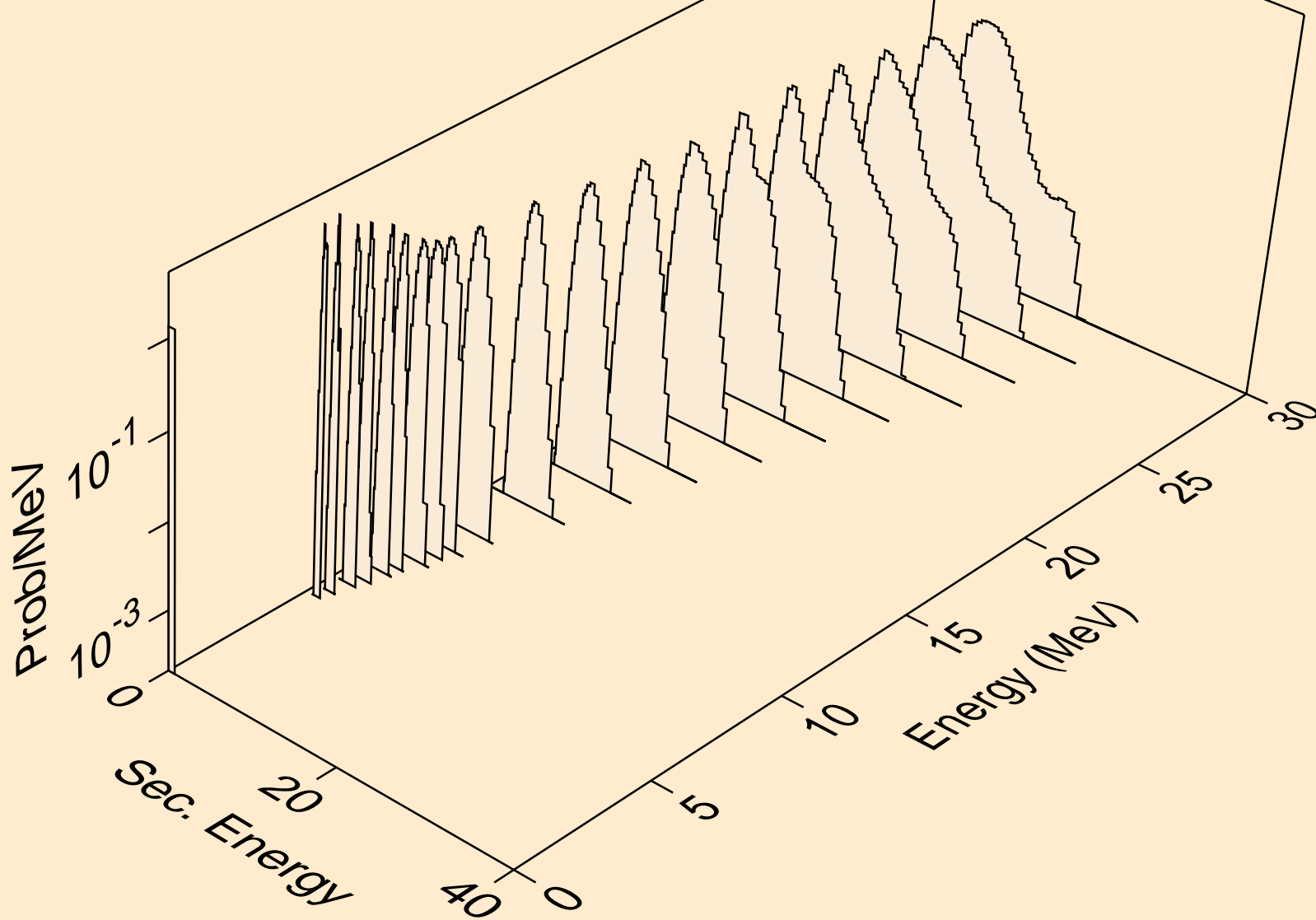
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protons from (n,3np)



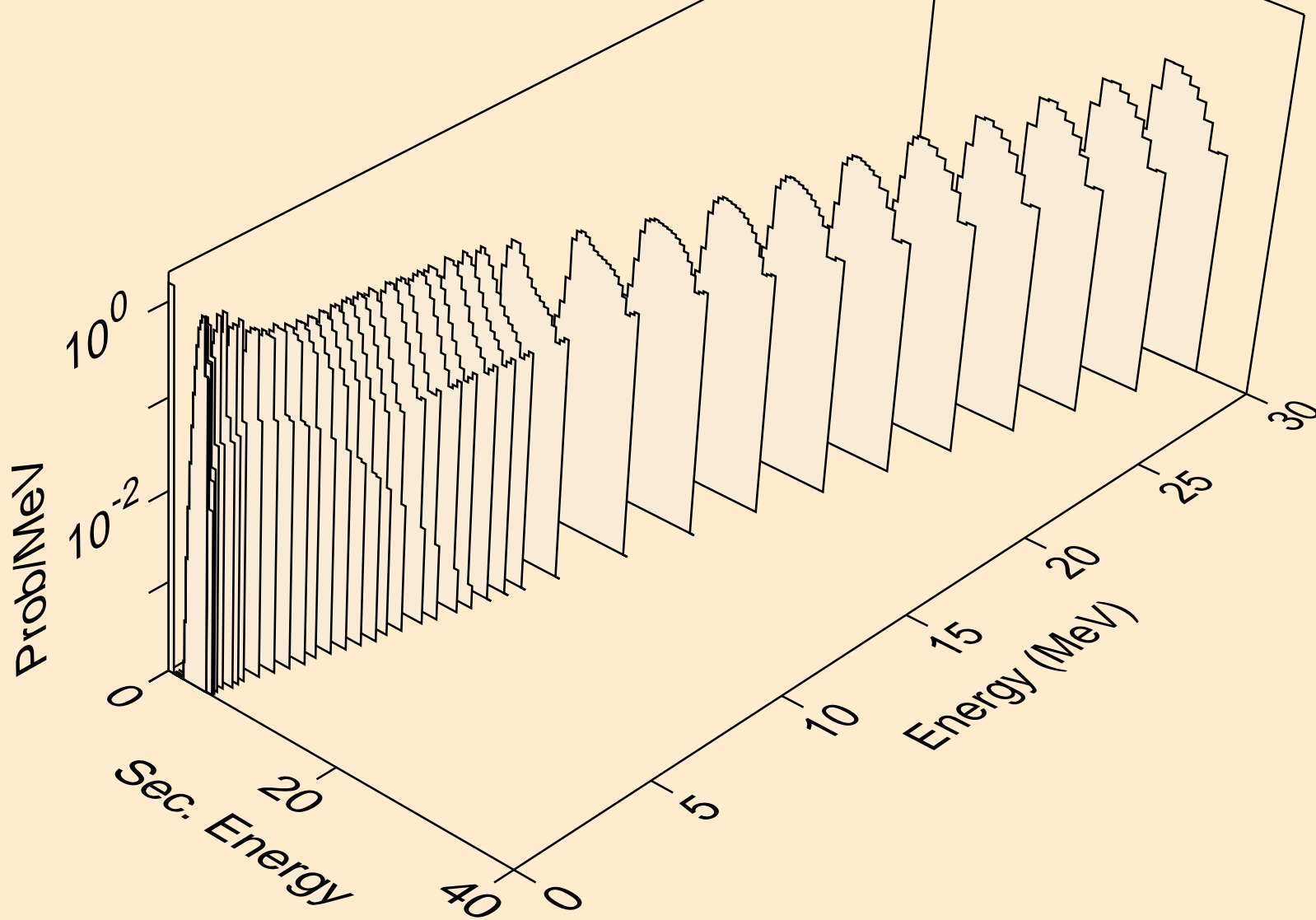
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protons from (n,2np)



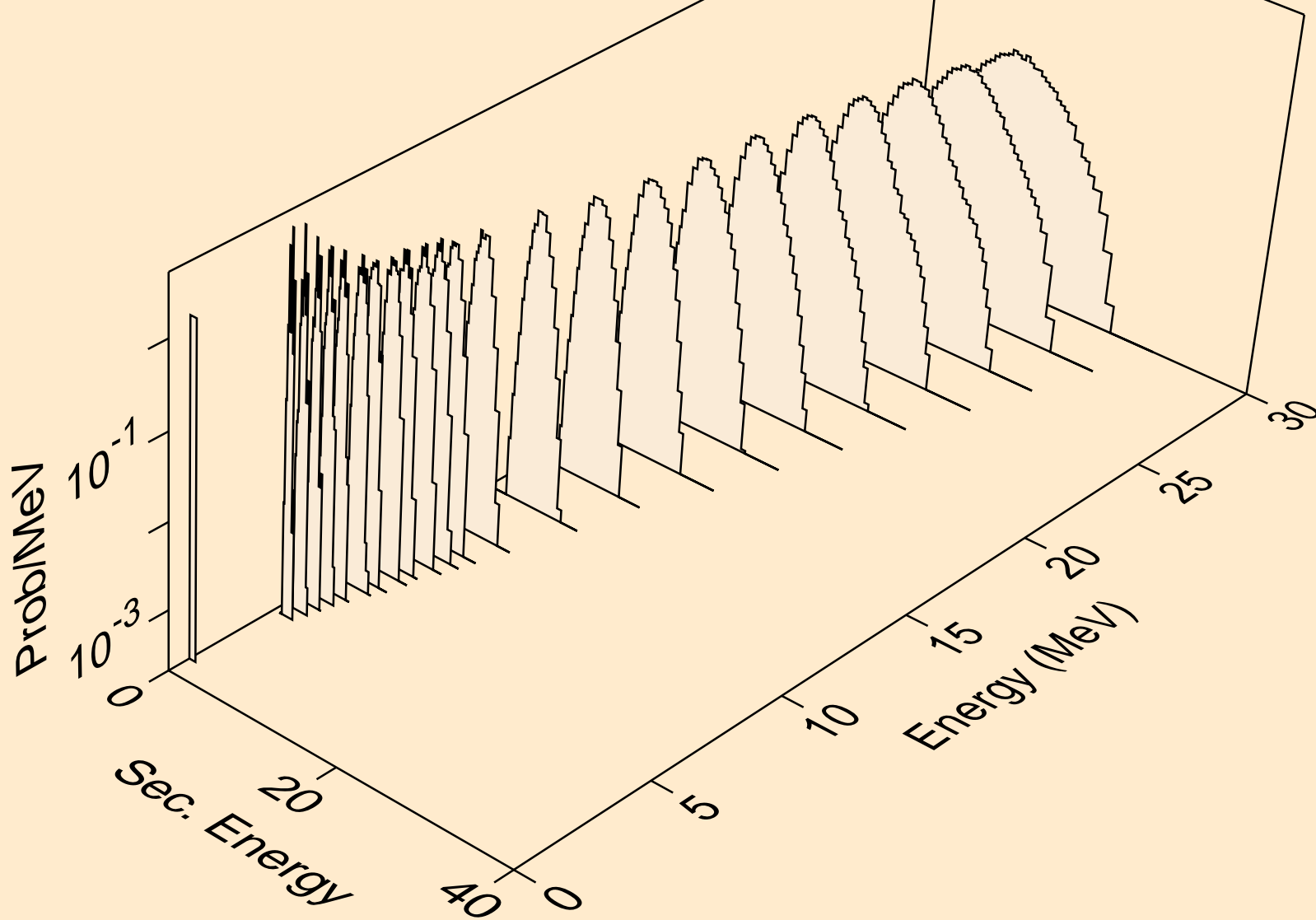
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protons from (n,npa)



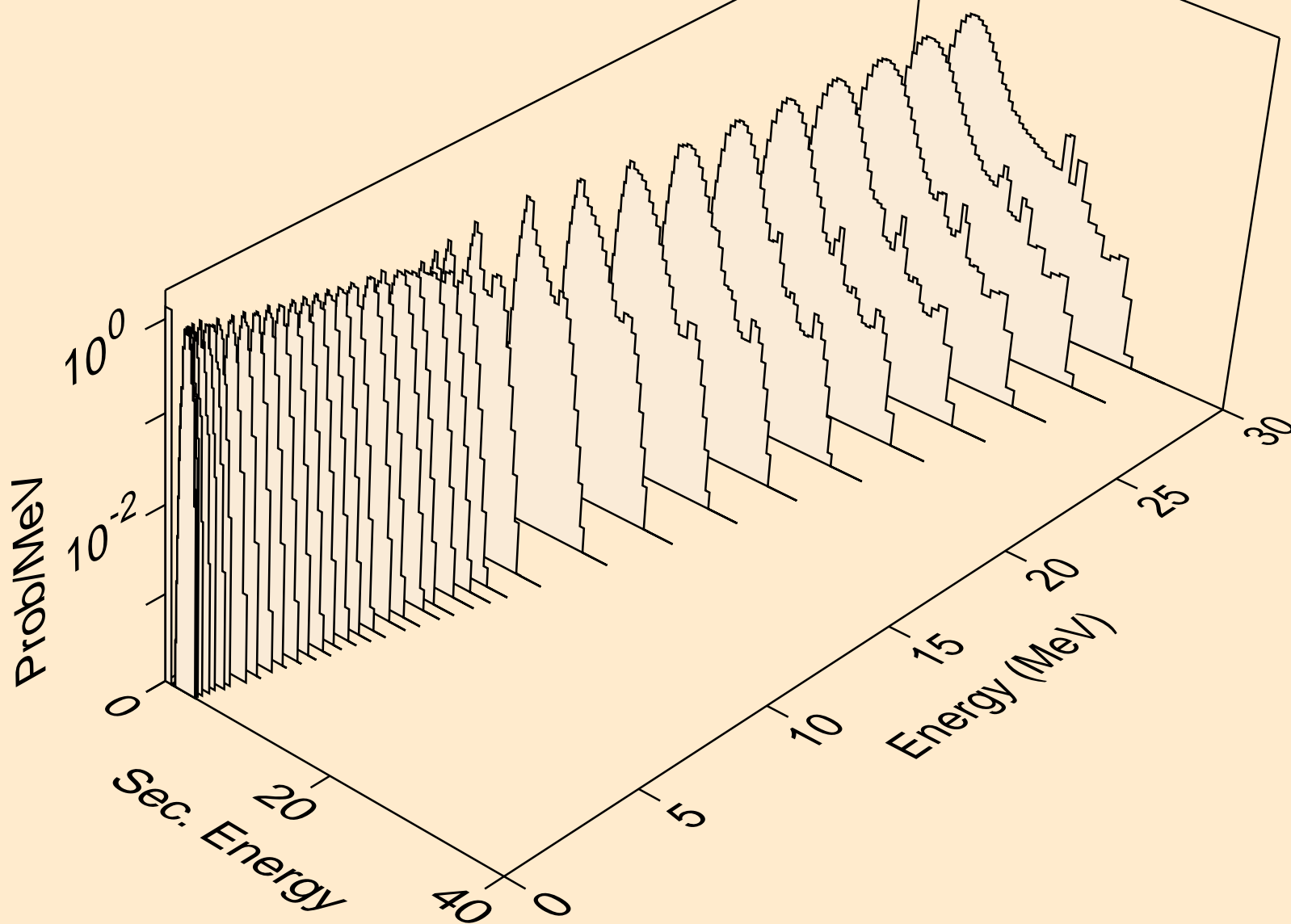
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protons from (n,p)



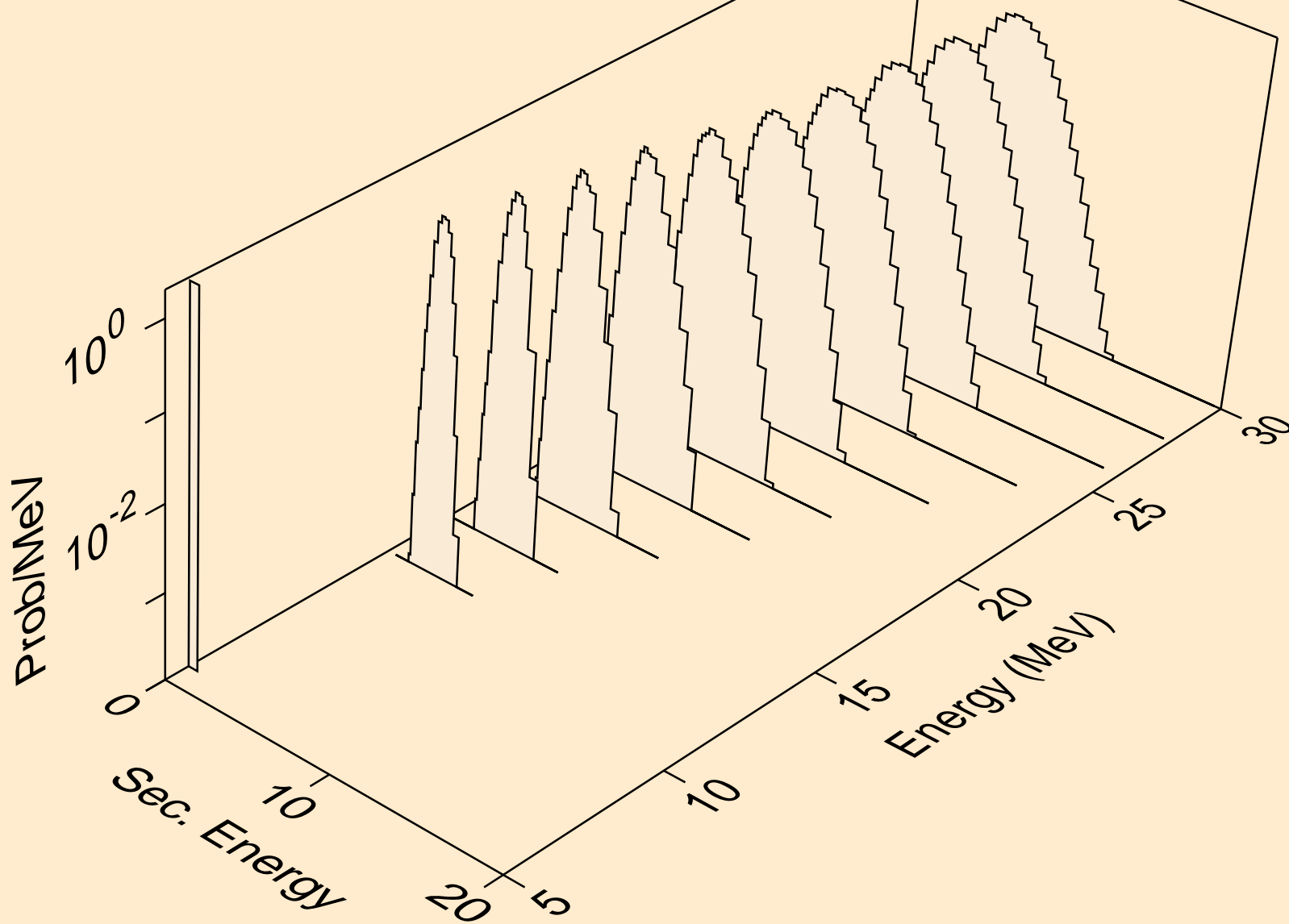
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protons from (n,2p)



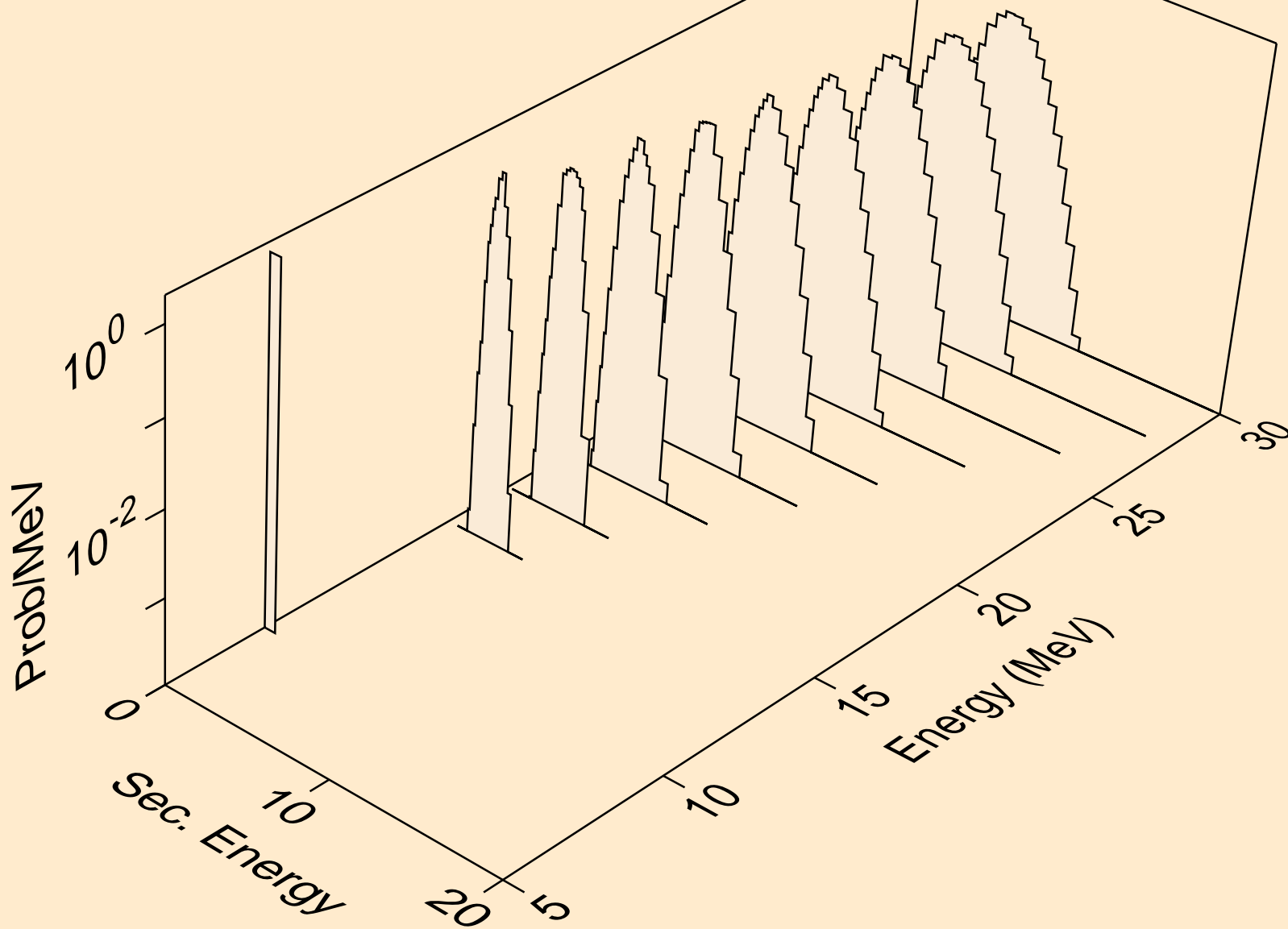
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protons from (n,p)



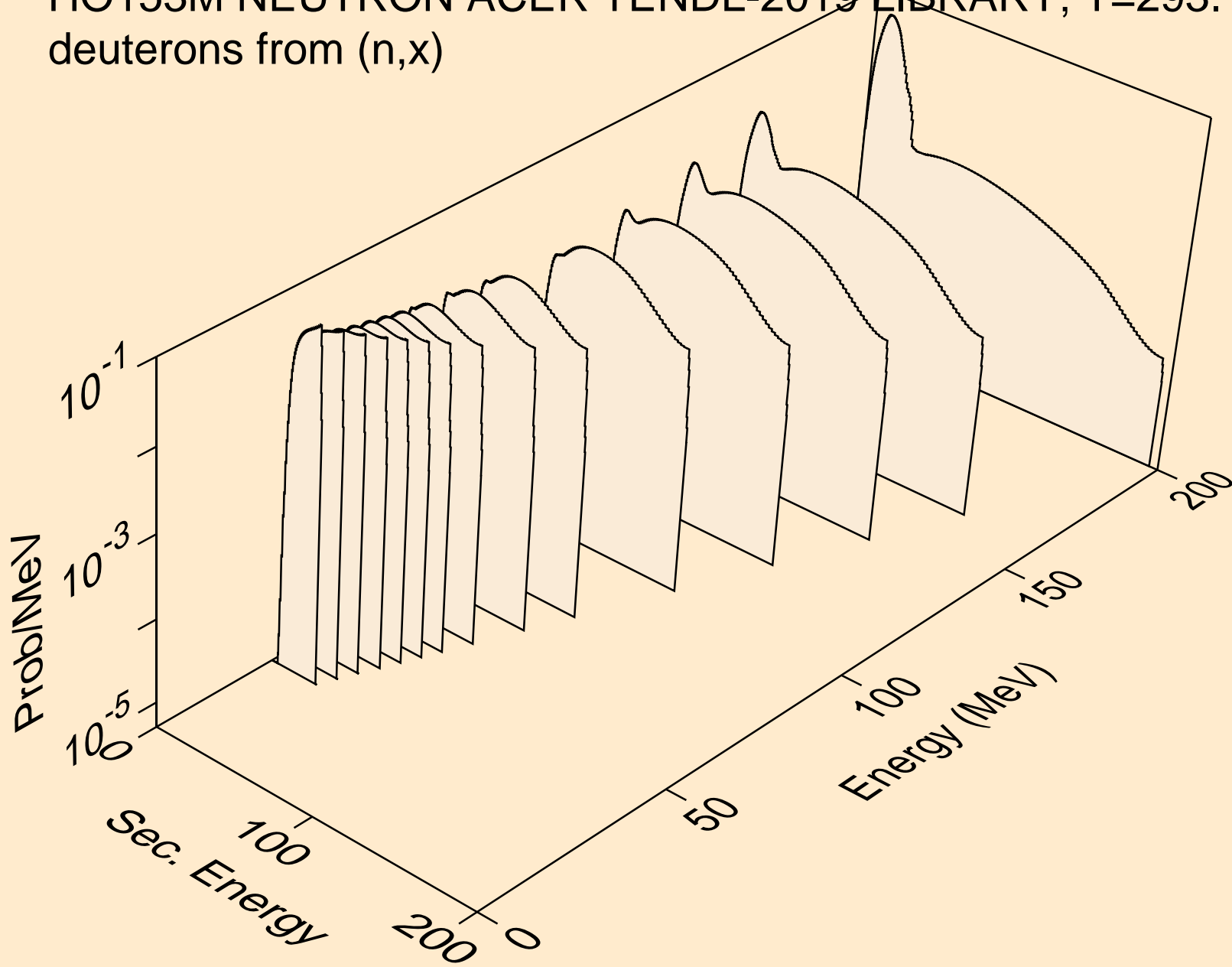
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protons from (n,pd)



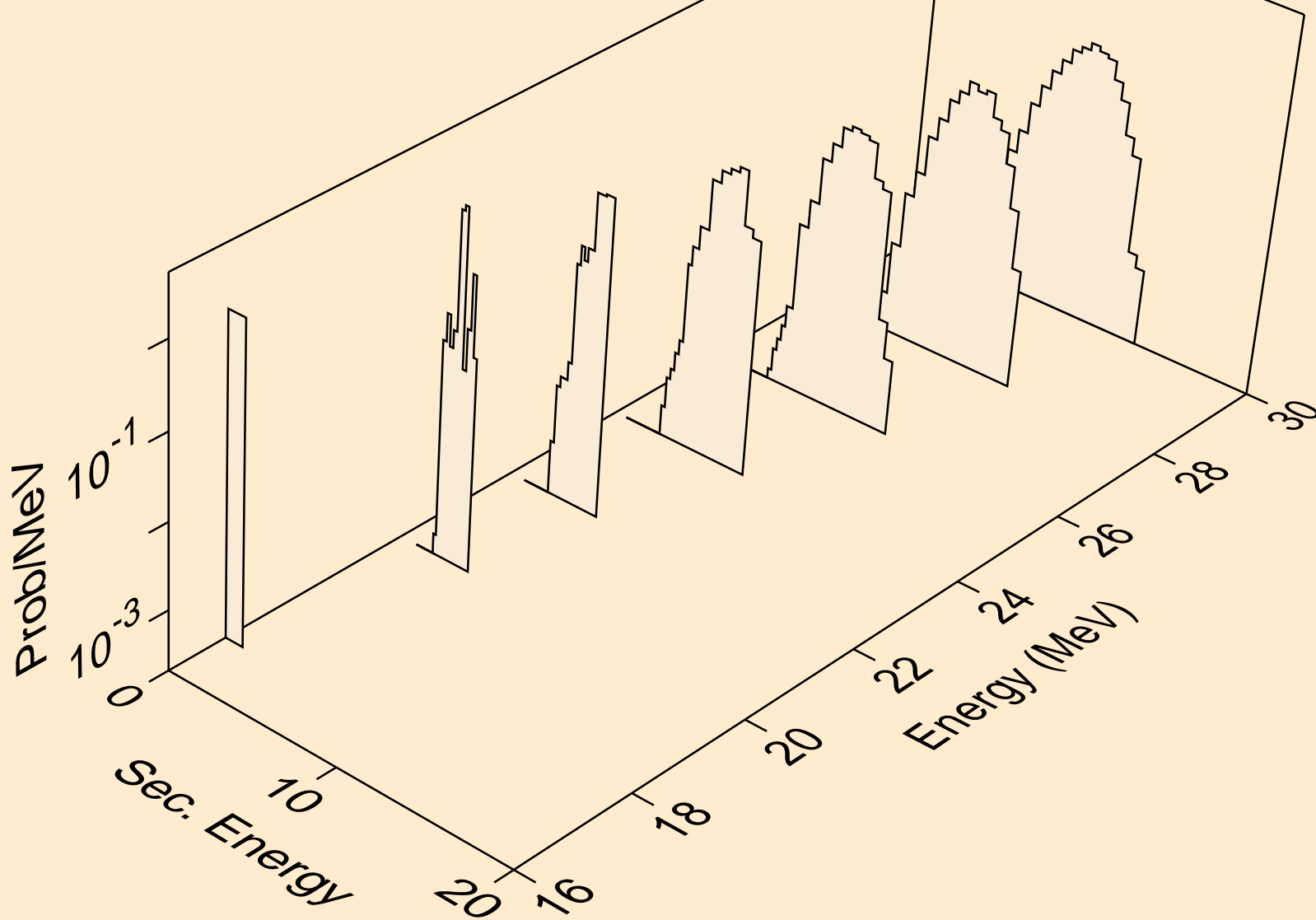
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protons from (n,pt)



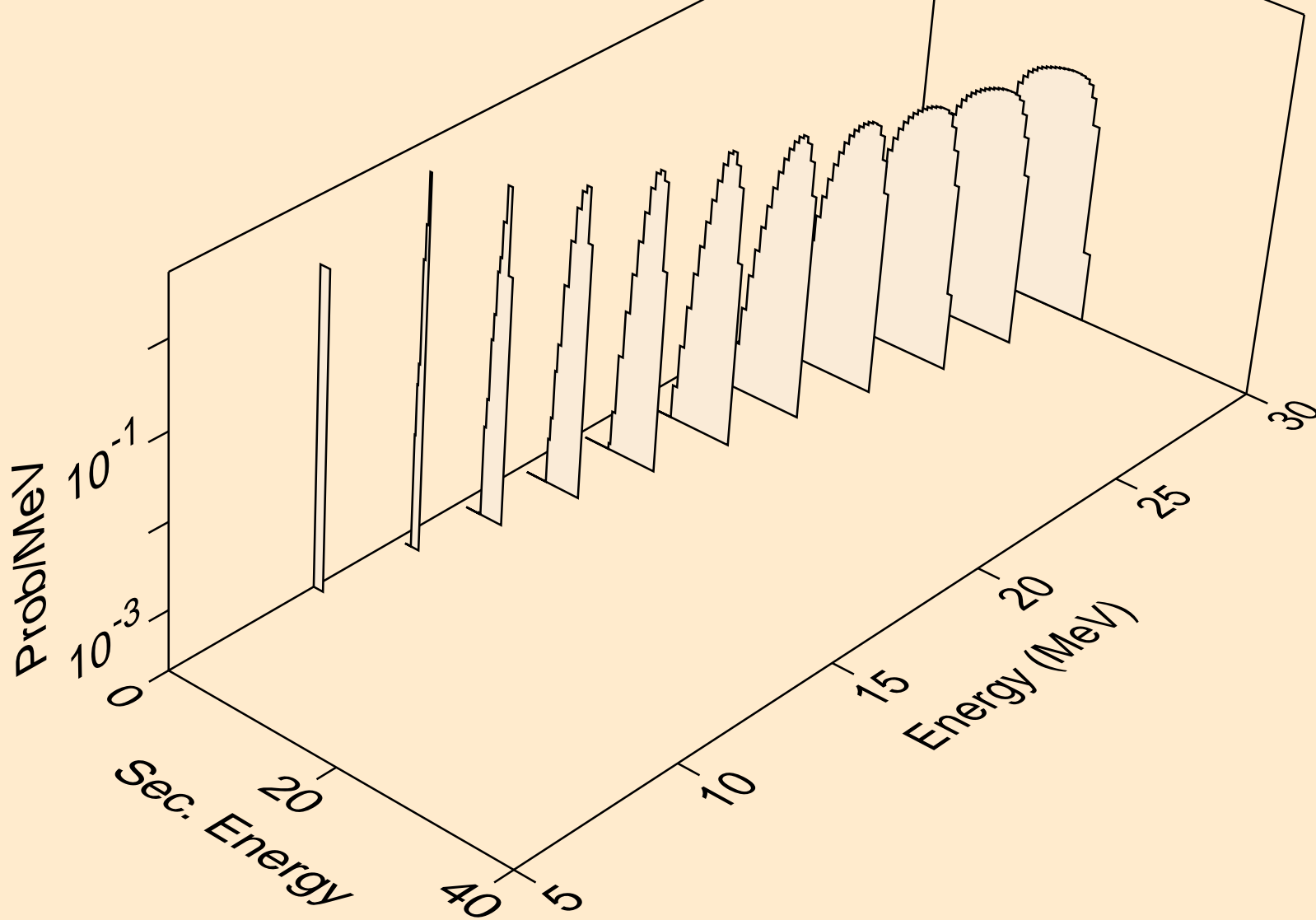
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



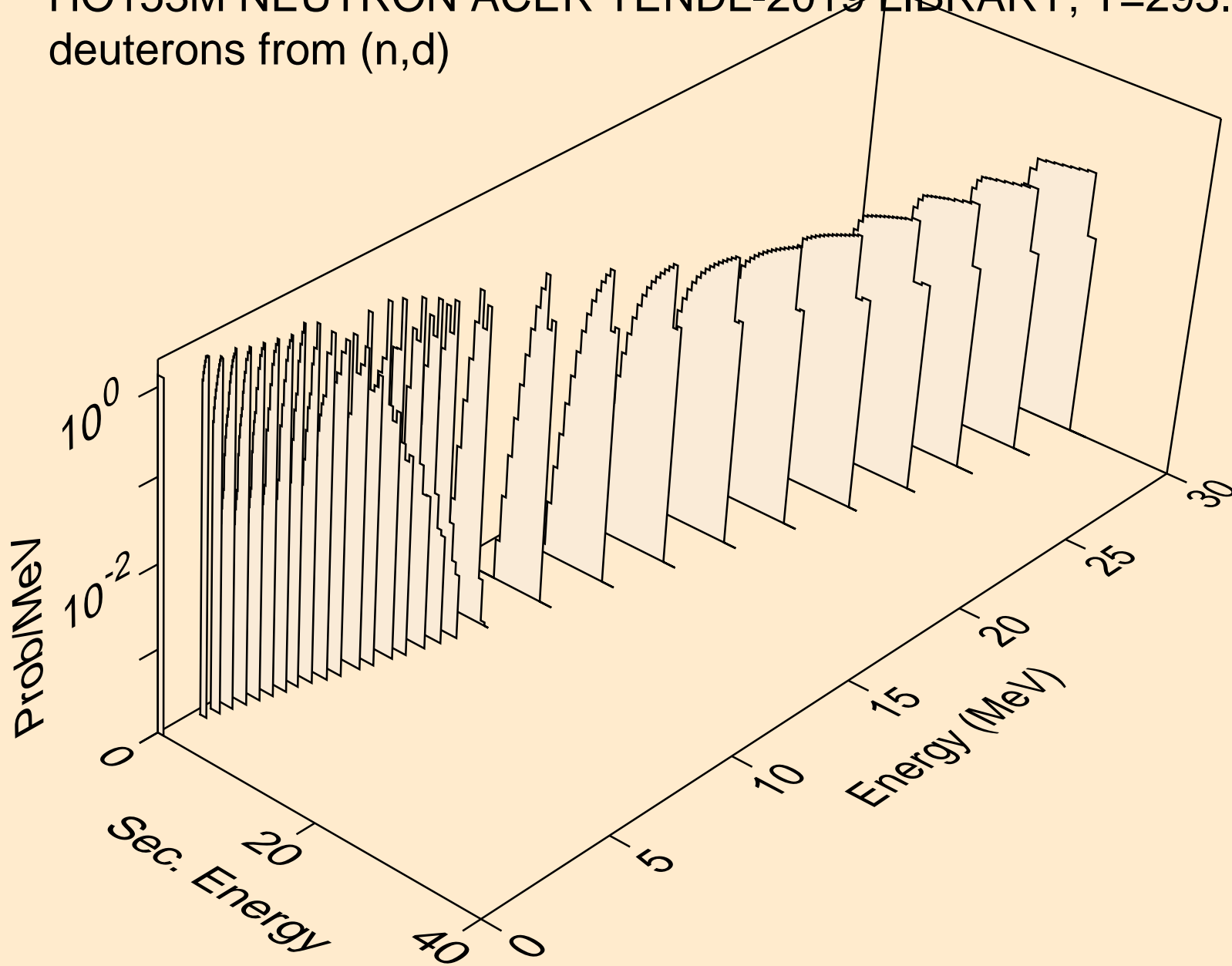
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deuterons from (n,2nd)



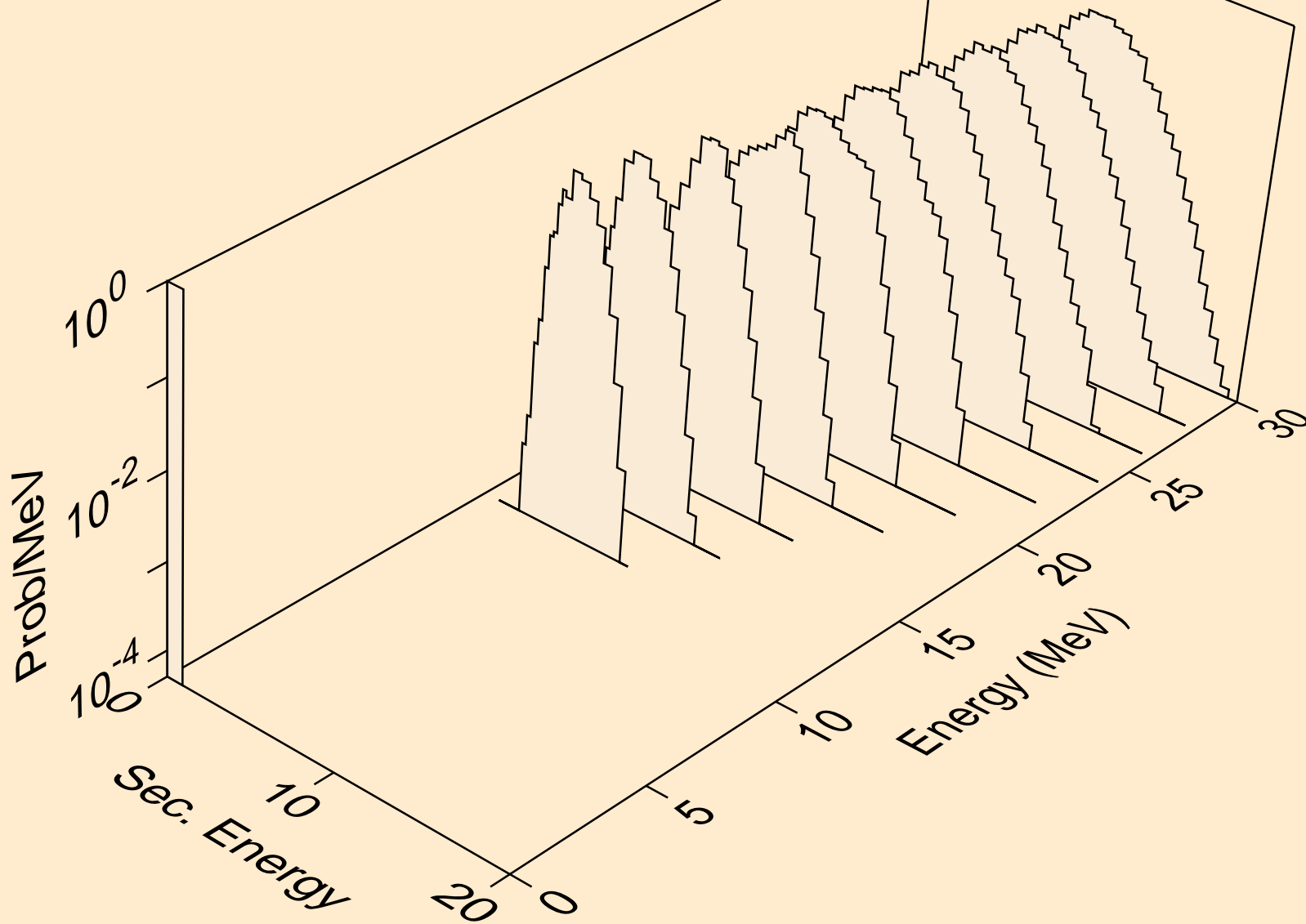
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



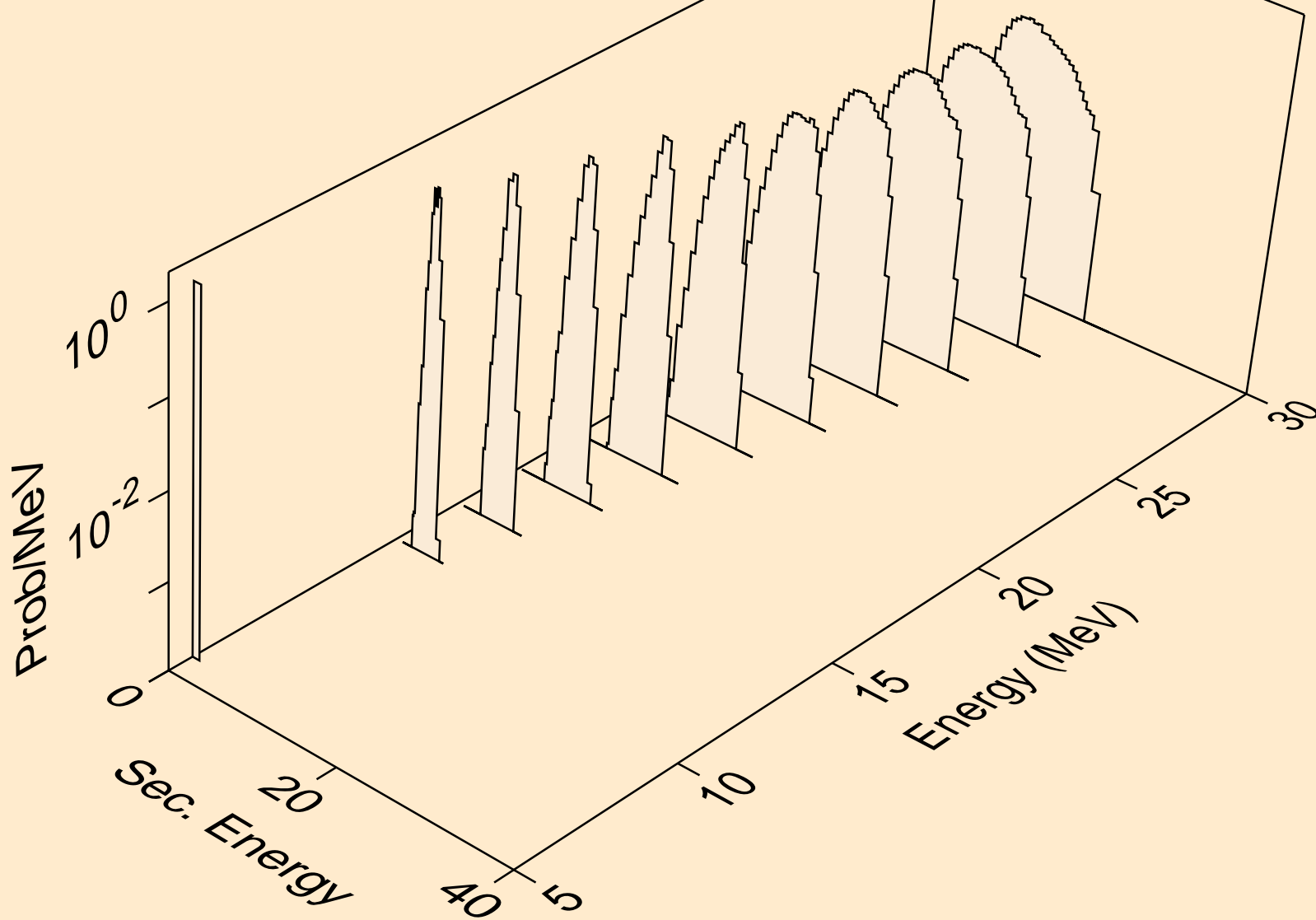
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deuterons from (n,d)



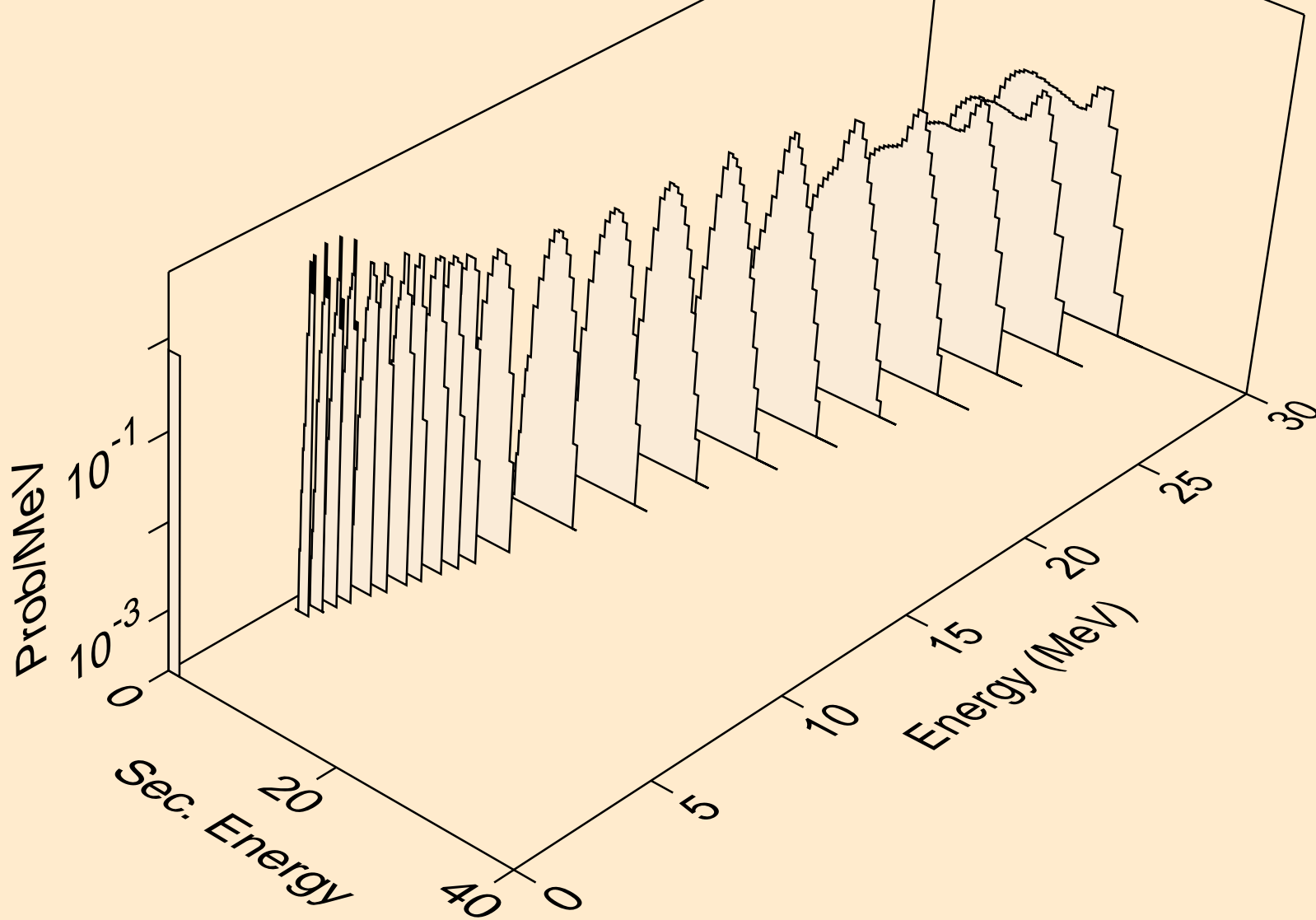
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deuterons from (n,d2a)



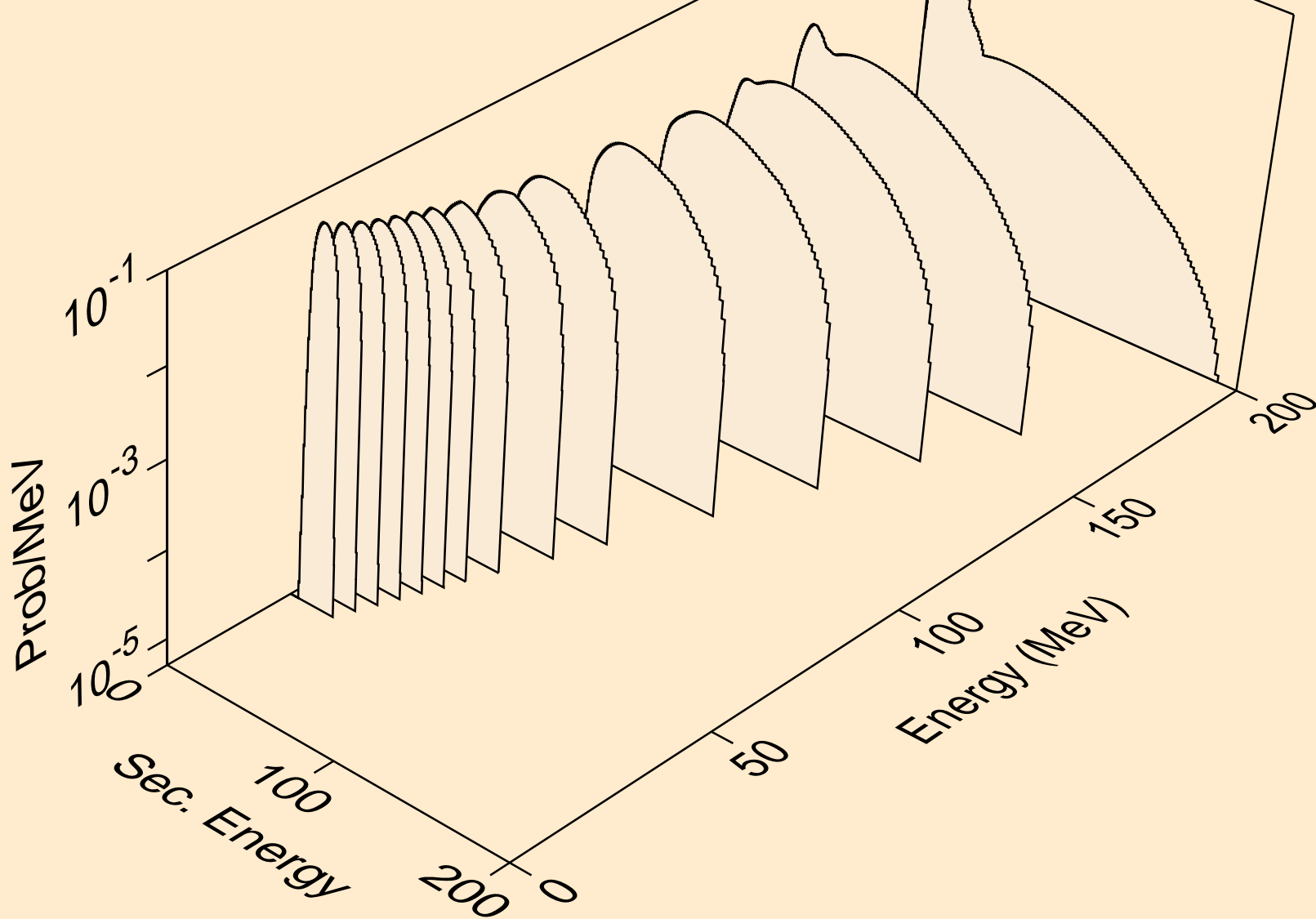
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deuterons from (n,pd)



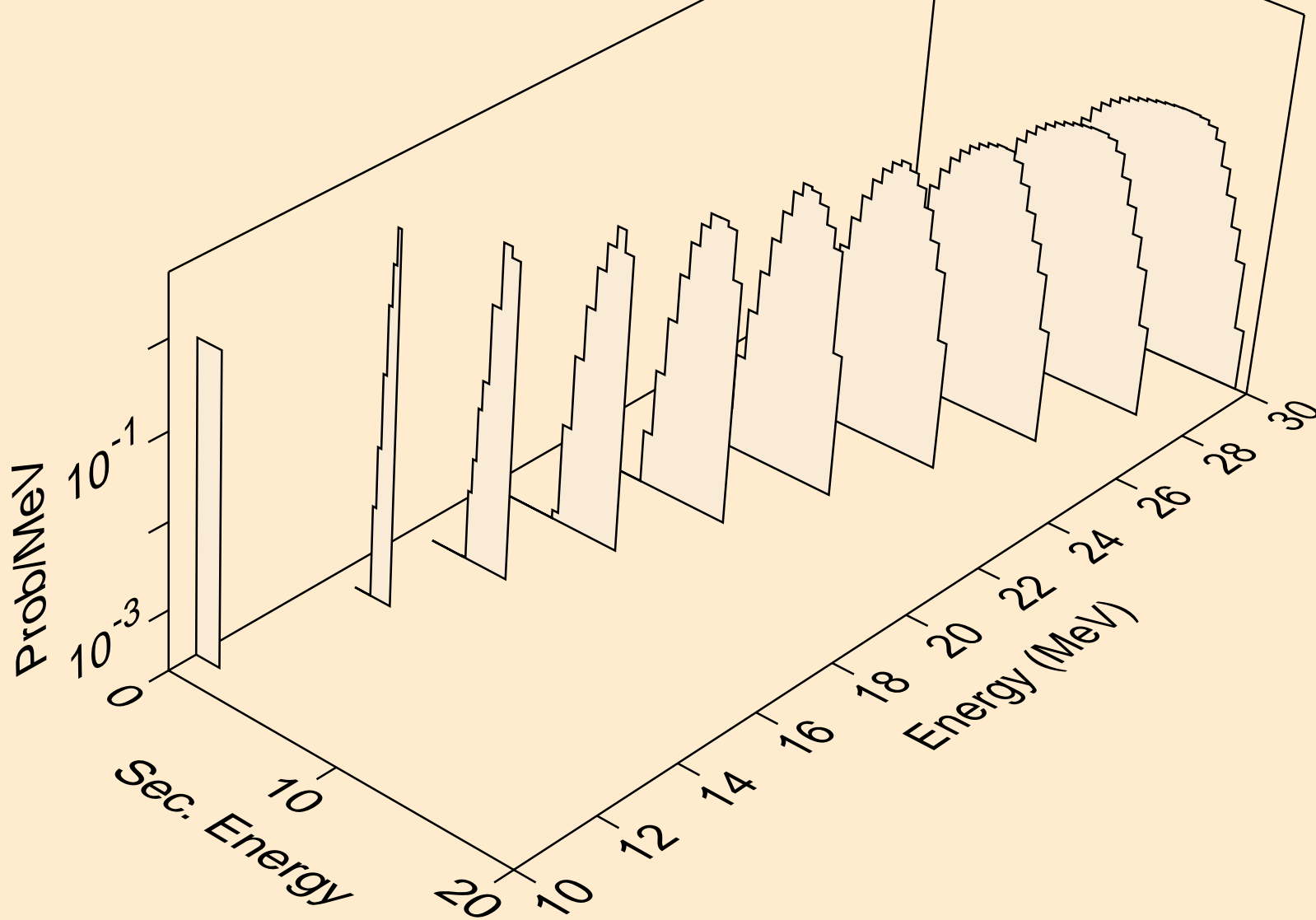
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deuterons from (n,da)



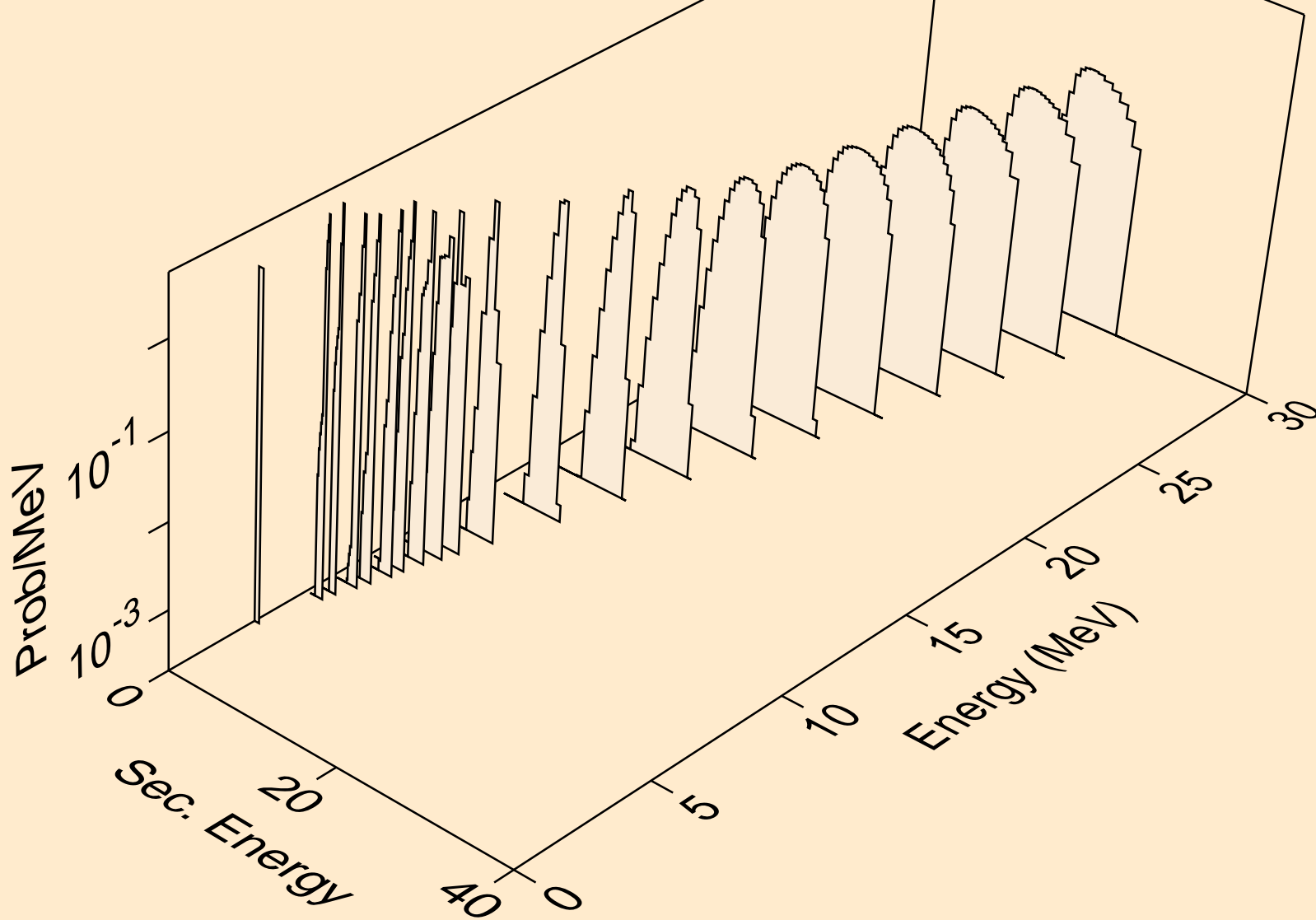
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tritons from (n,x)



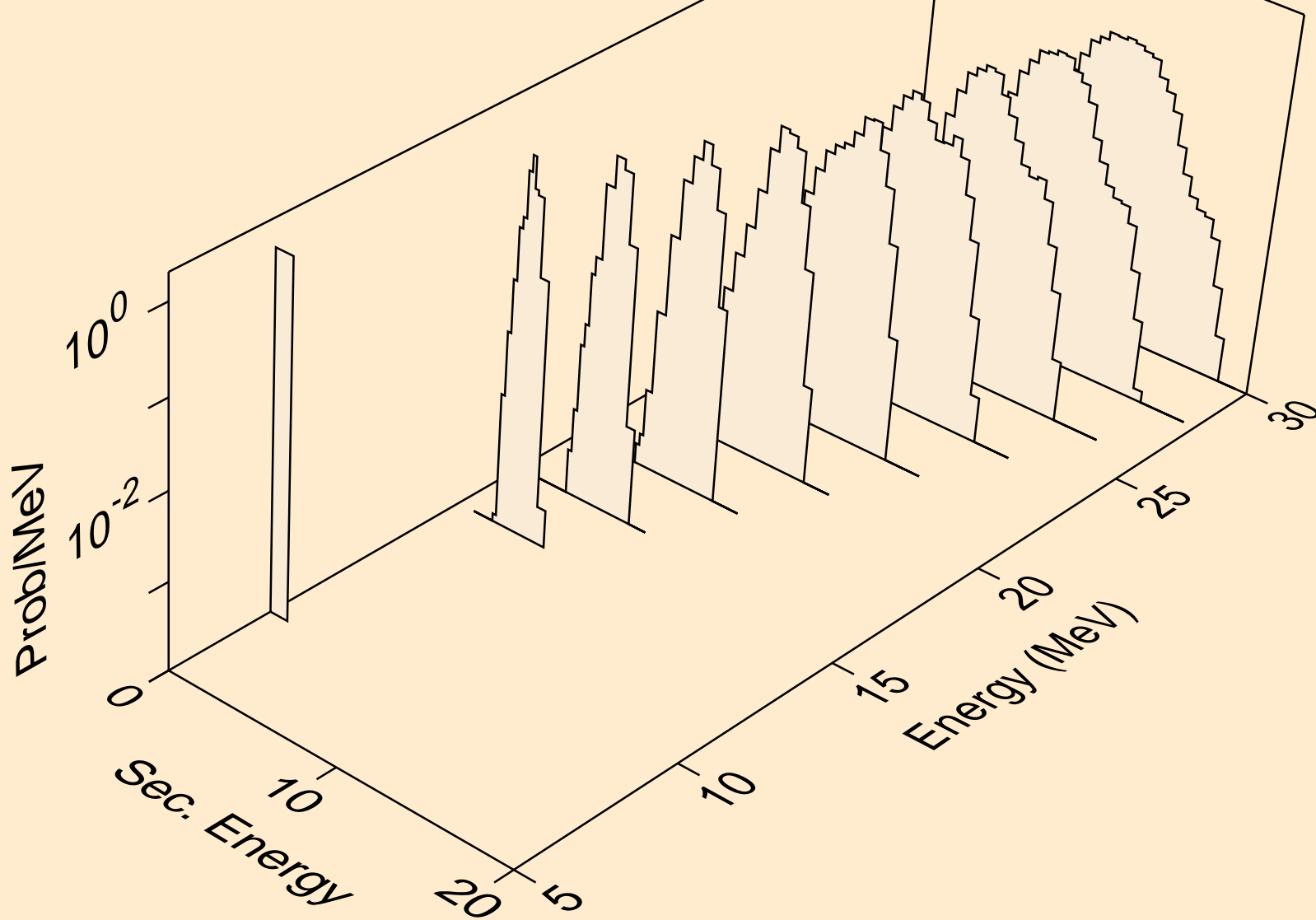
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tritons from (n,n*)t



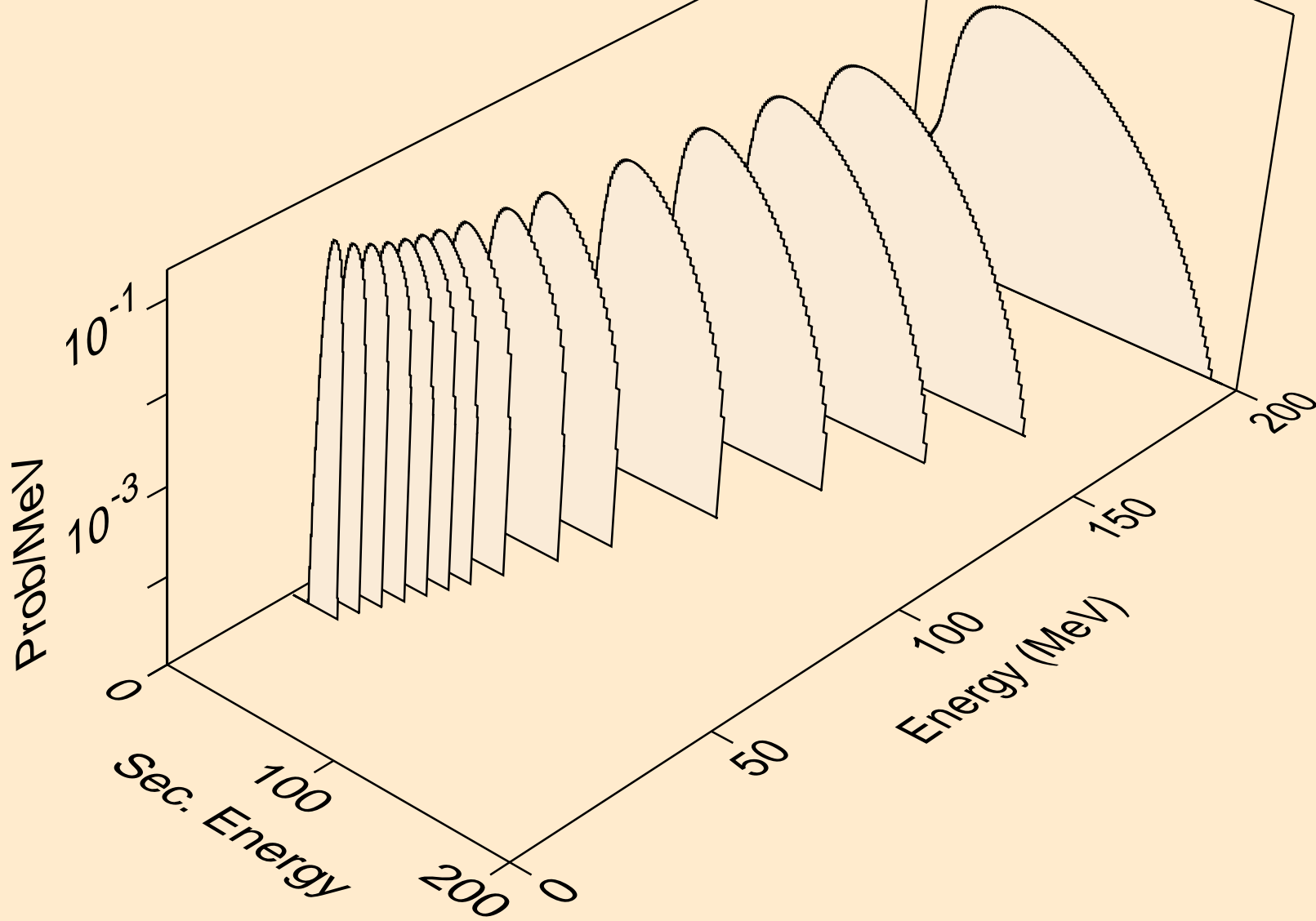
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tritons from (n,t)



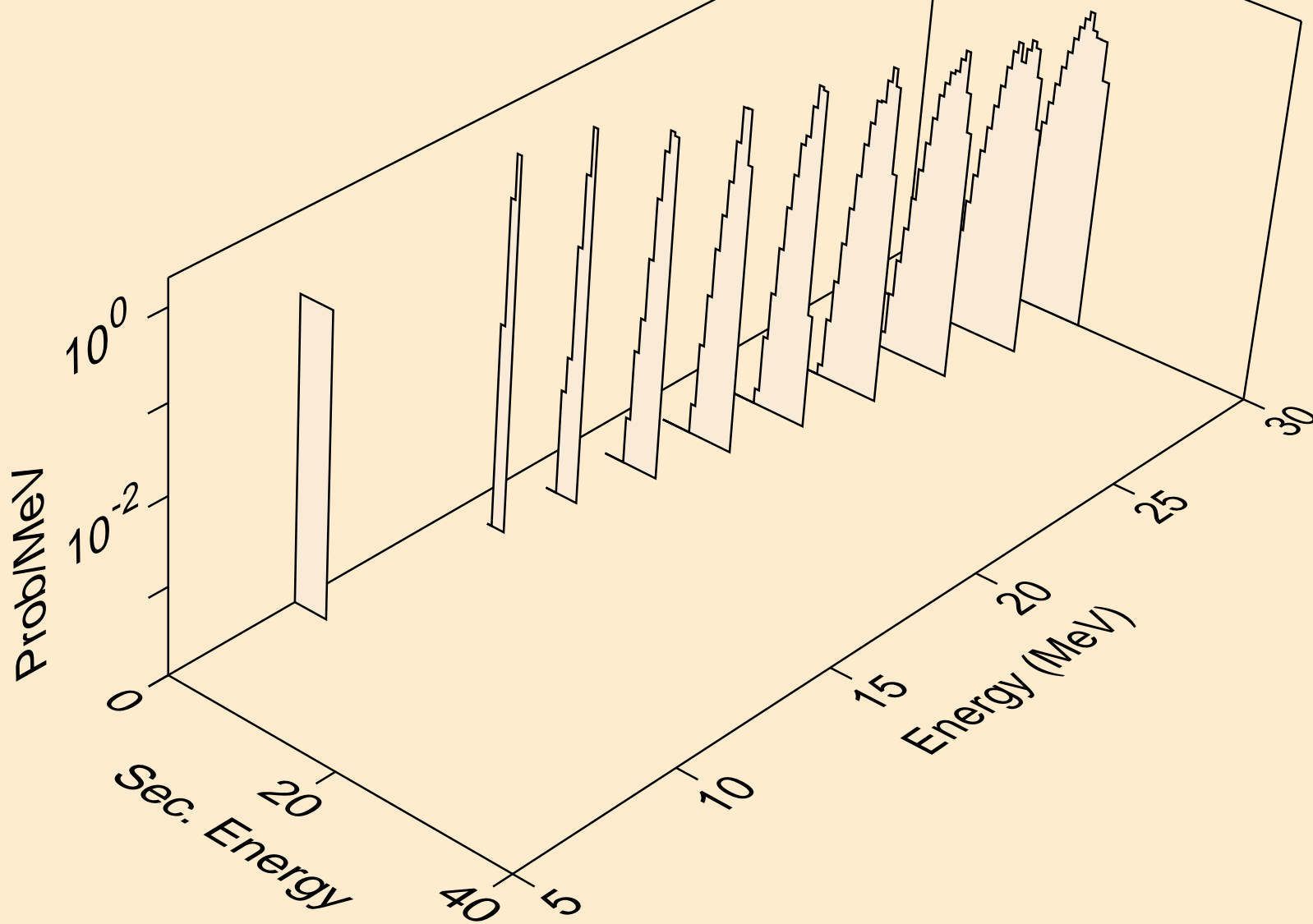
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tritons from (n,pt)



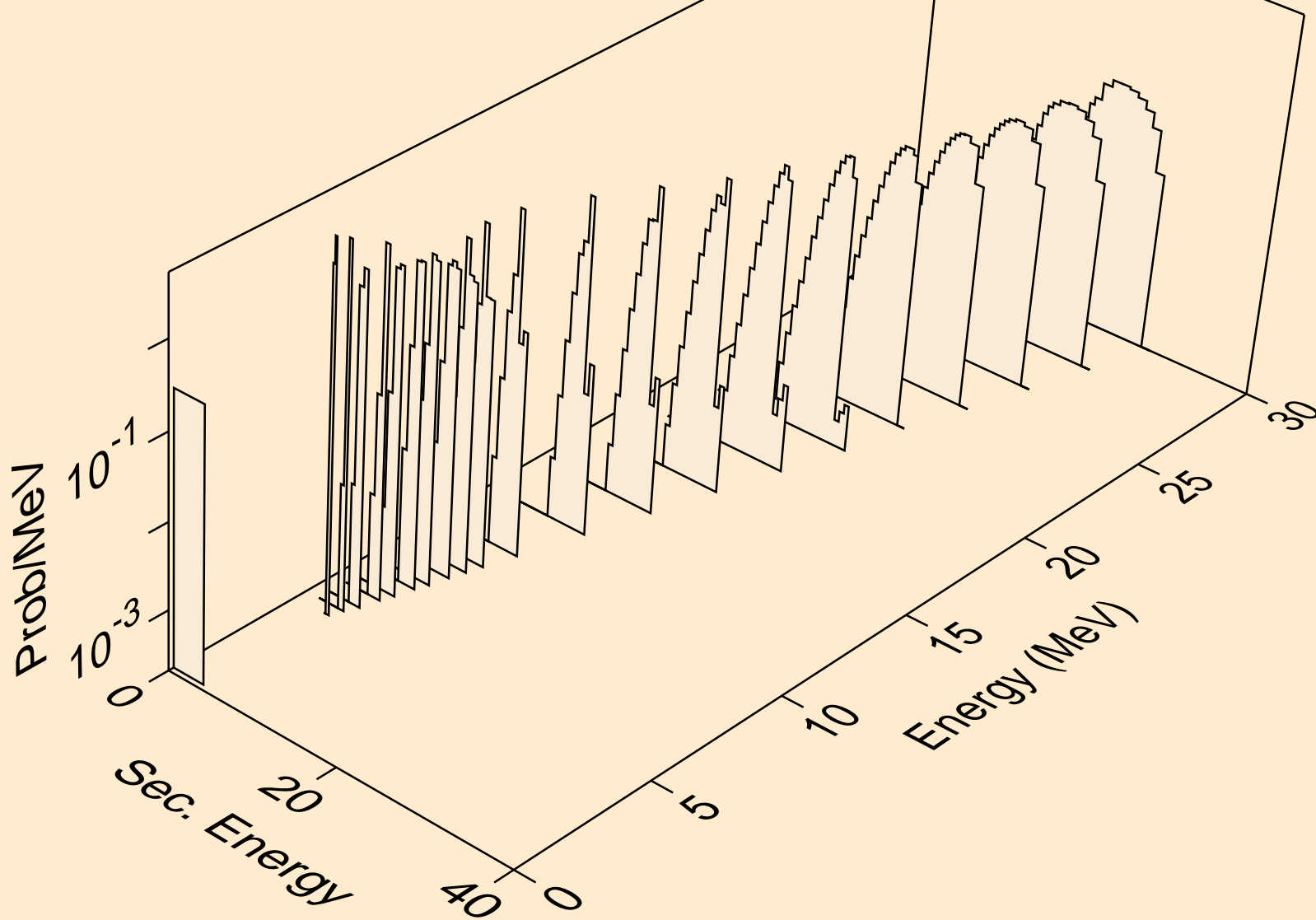
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he3s from (n,x)



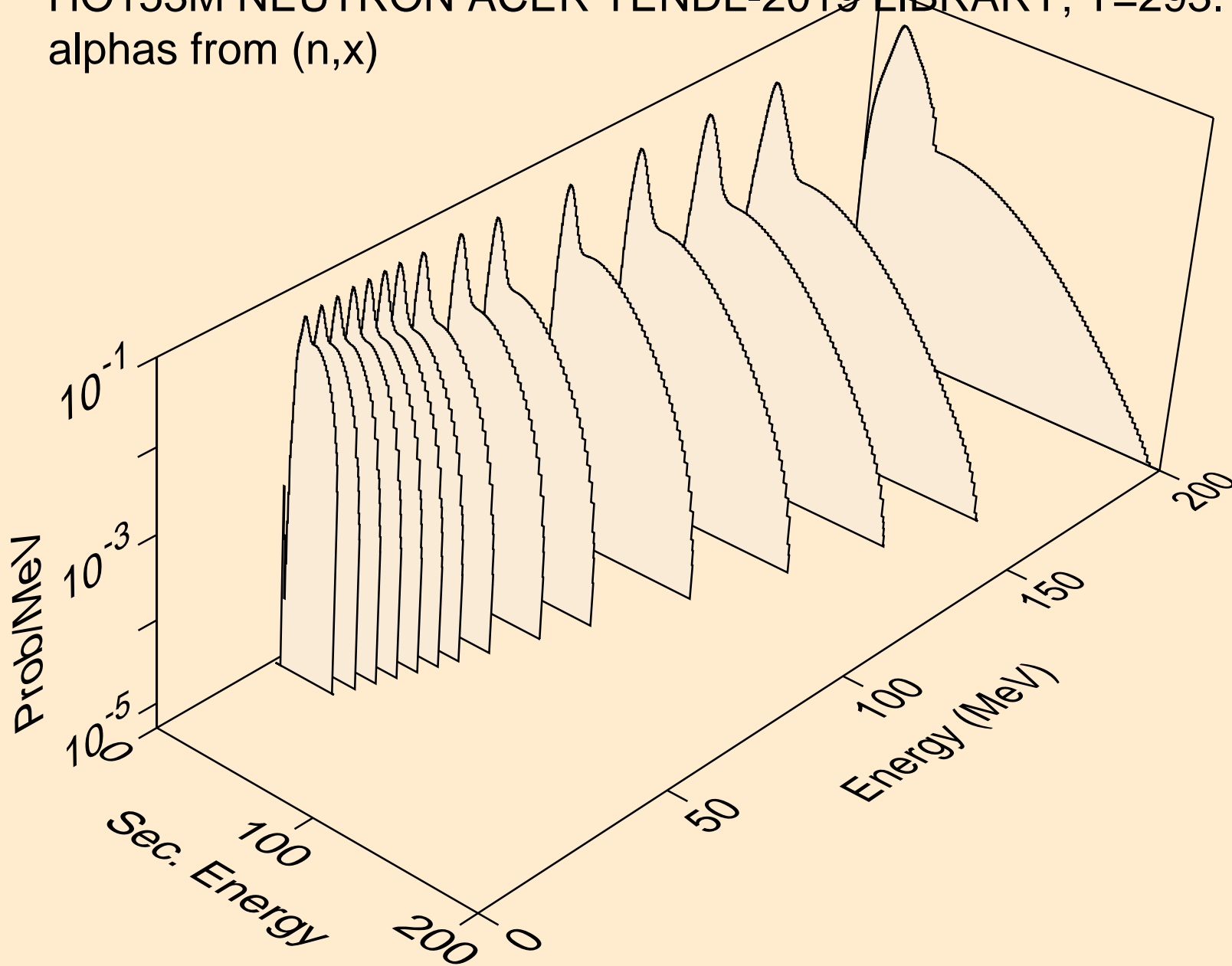
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he3s from (n,n*)he3



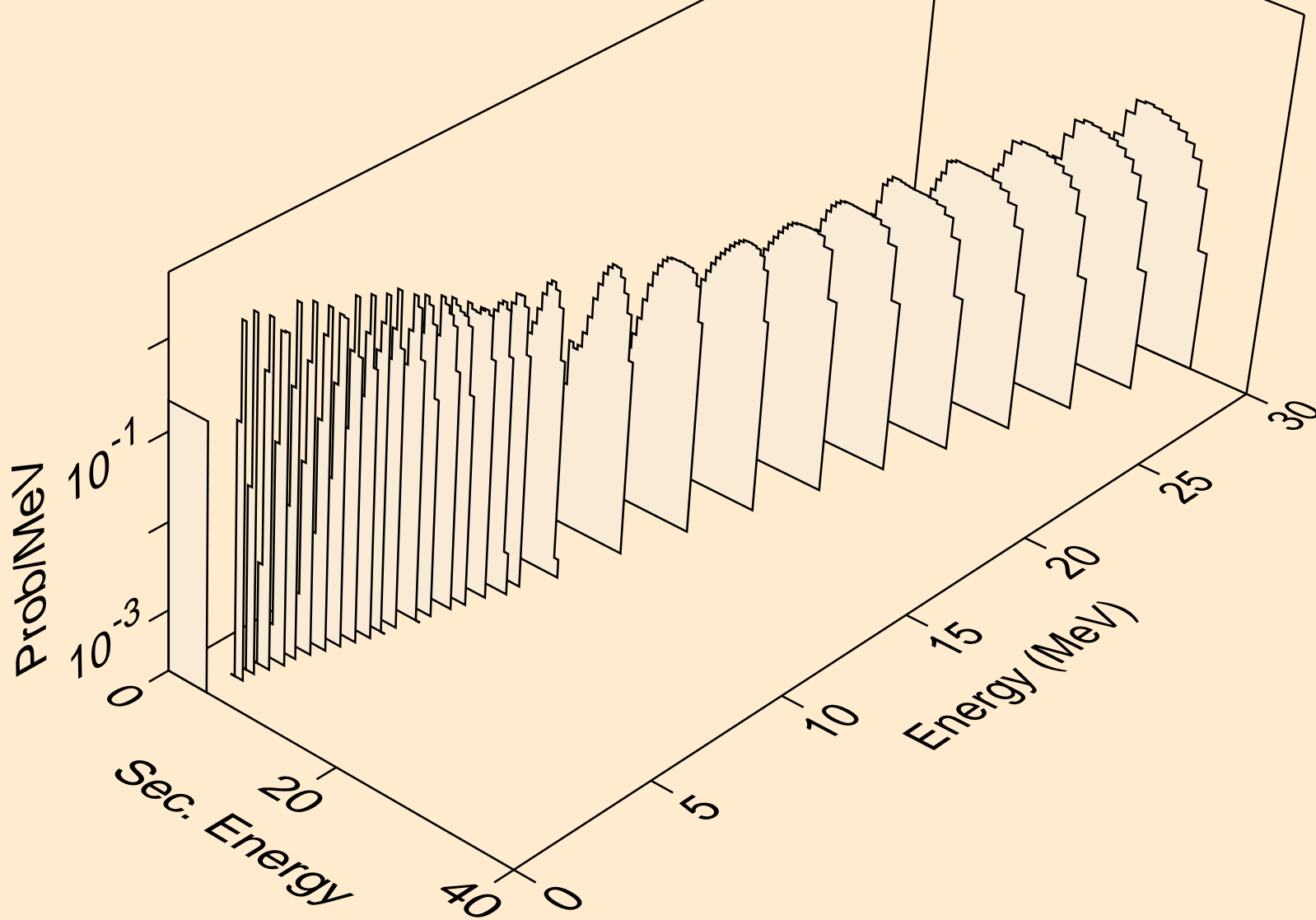
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he3s from (n,he3)



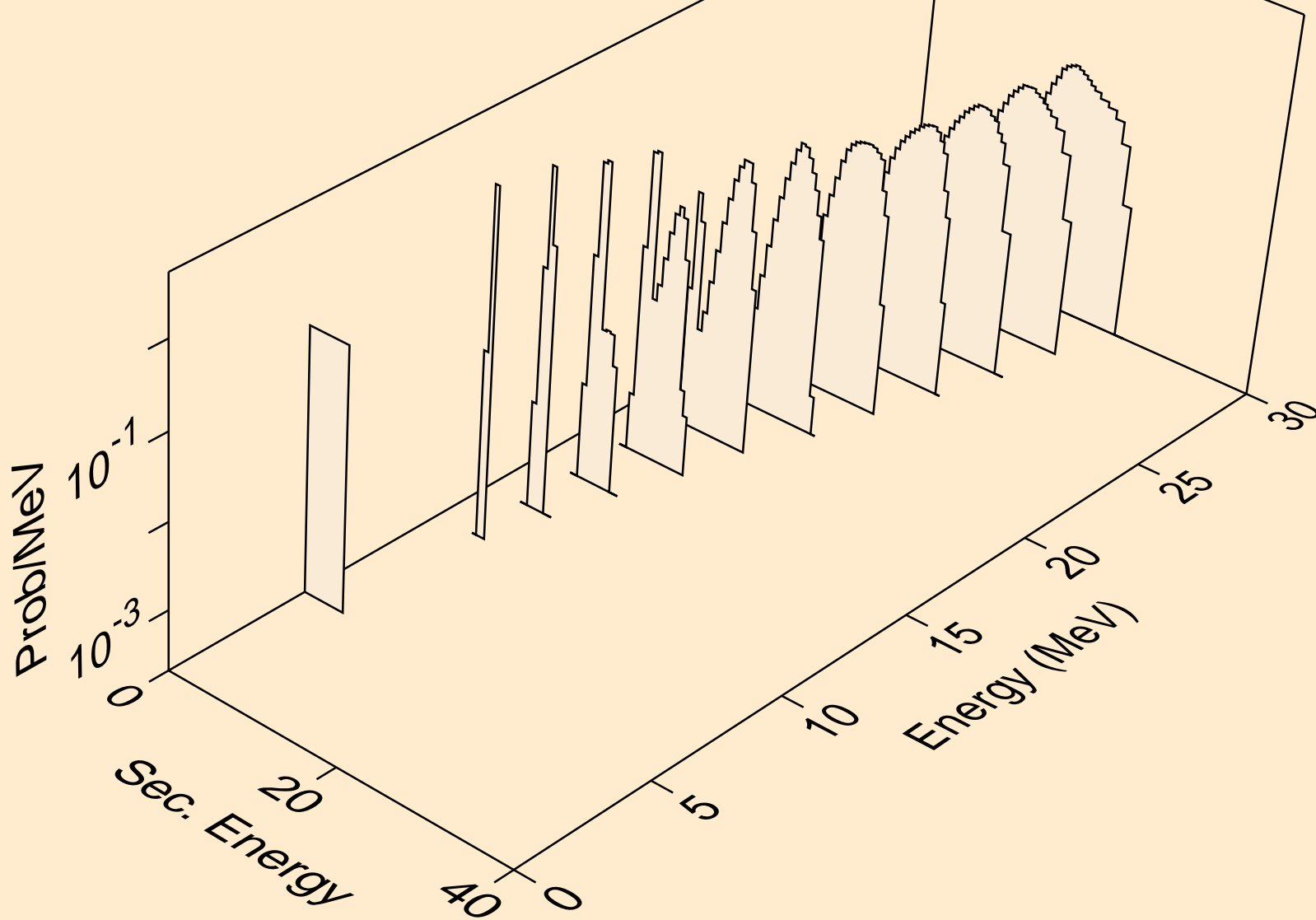
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alphas from (n,x)



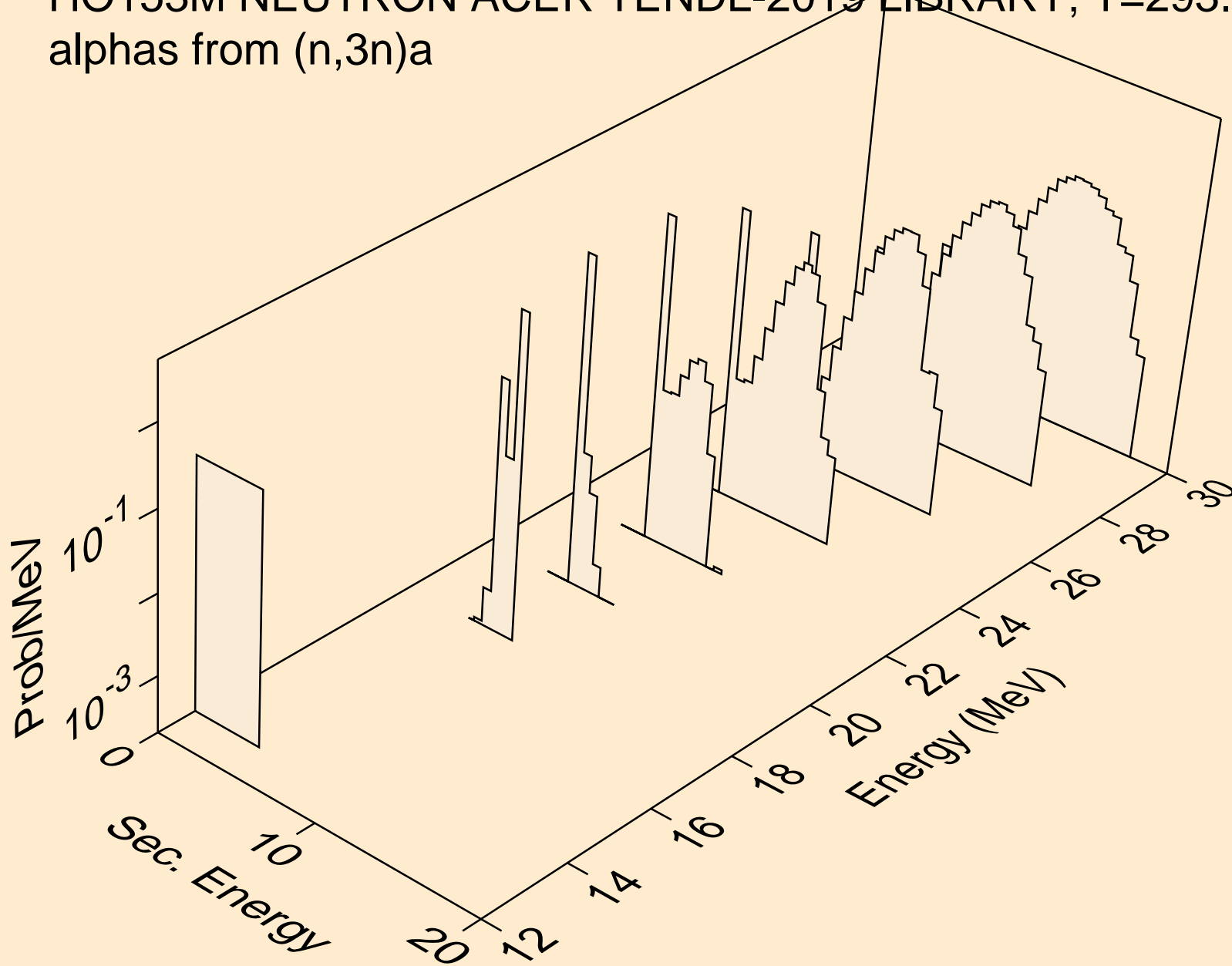
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alphas from (n,n*)a



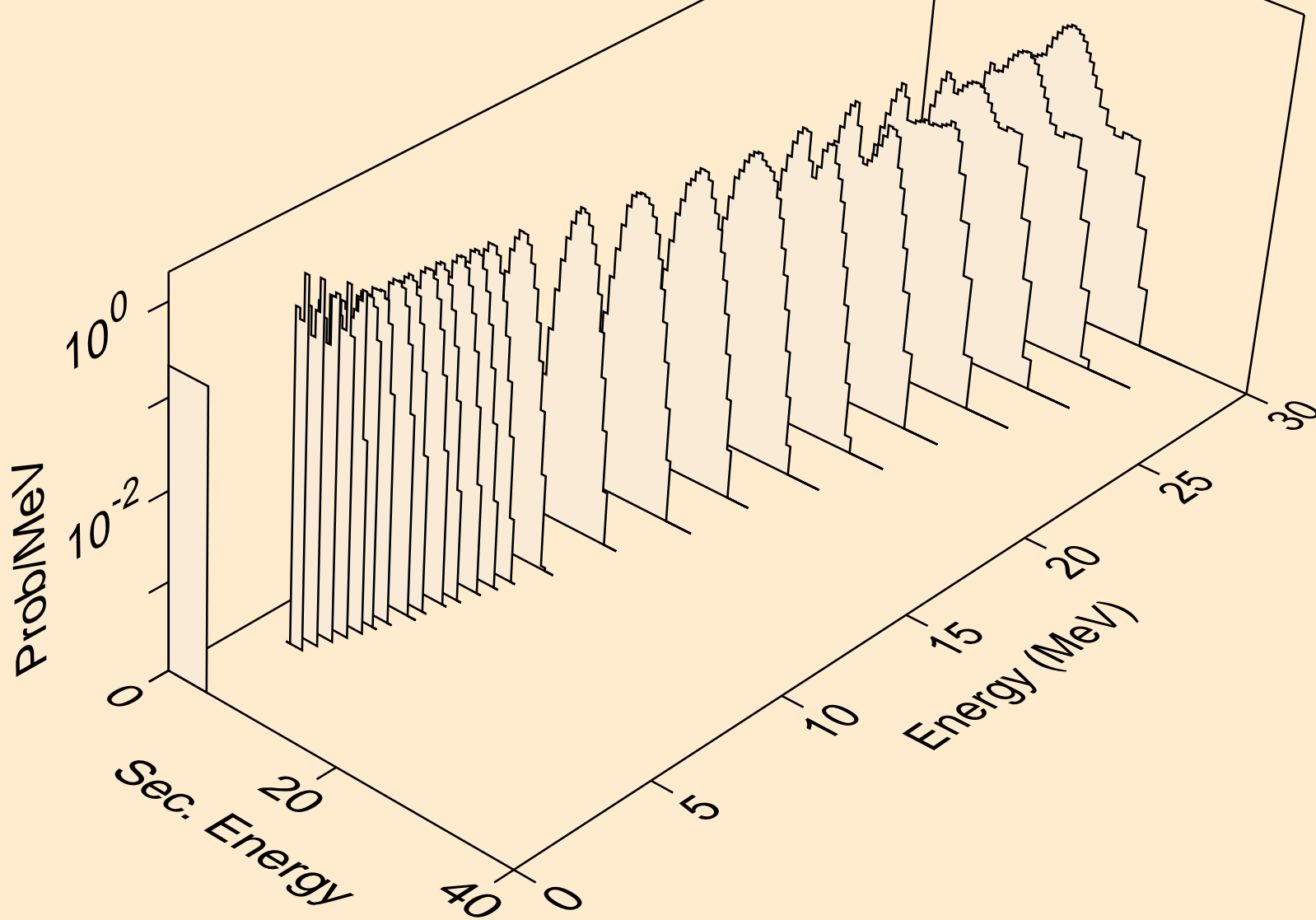
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alphas from (n,2n)a



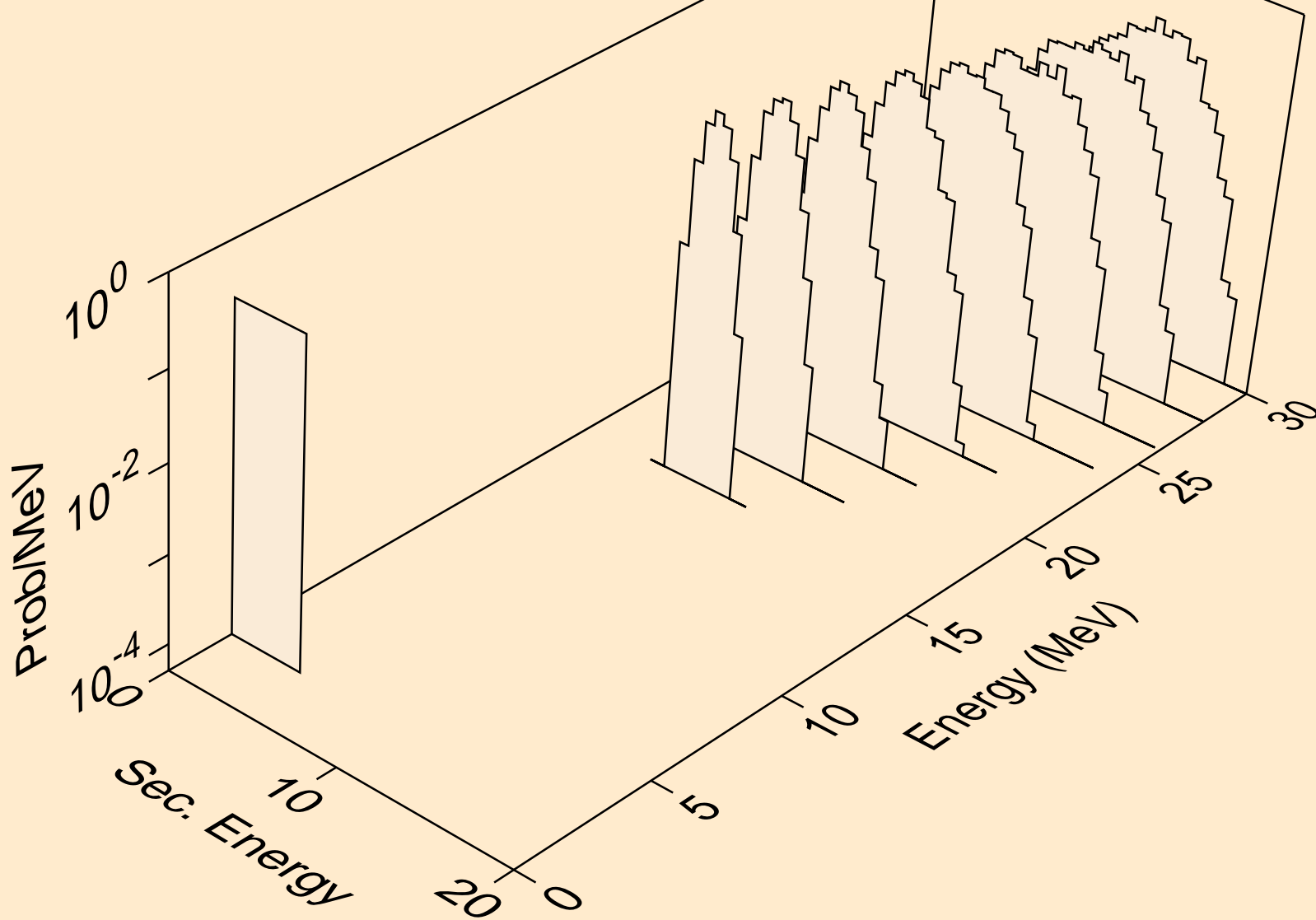
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alphas from (n,3n)a



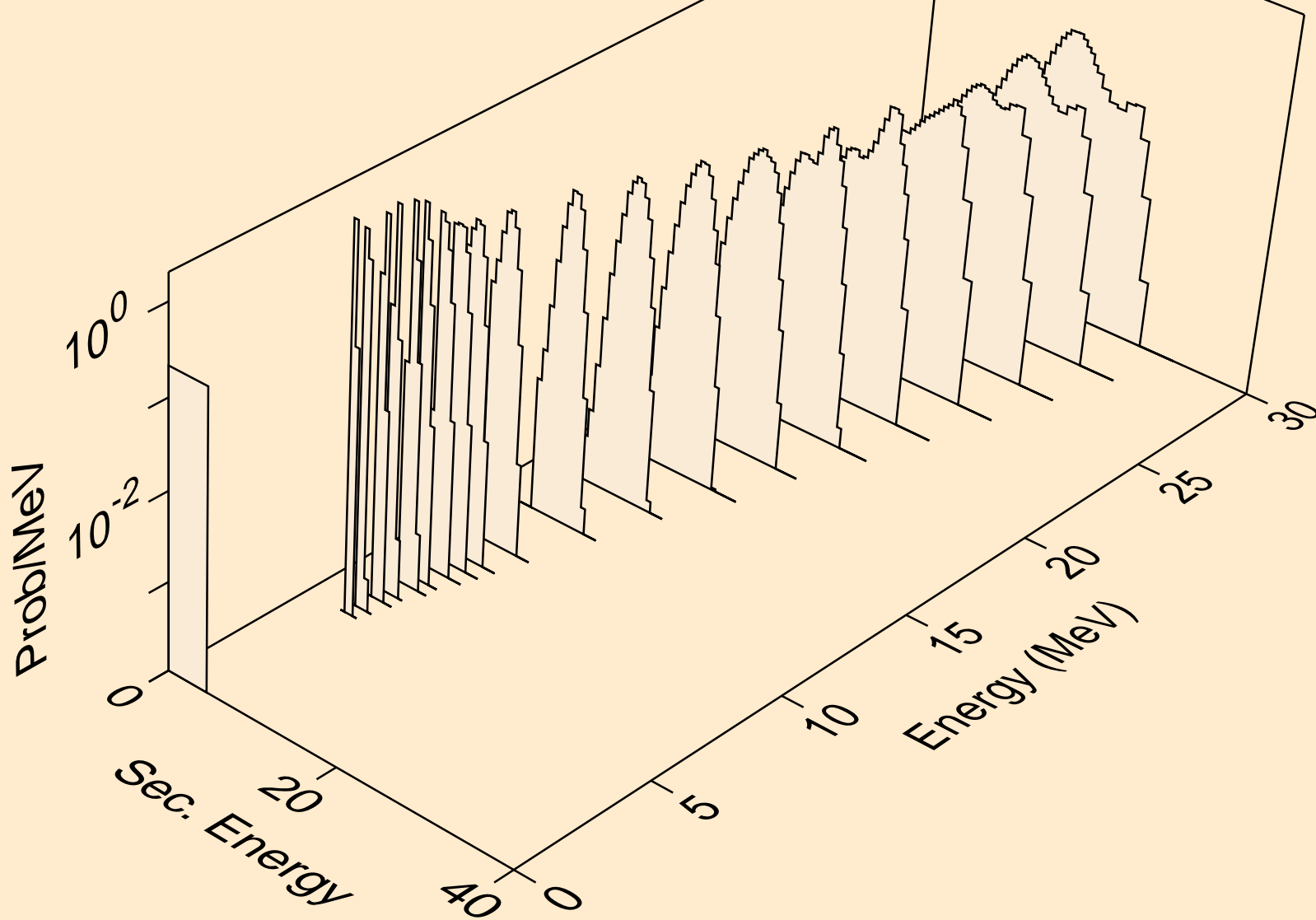
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alphas from (n,n*)2a



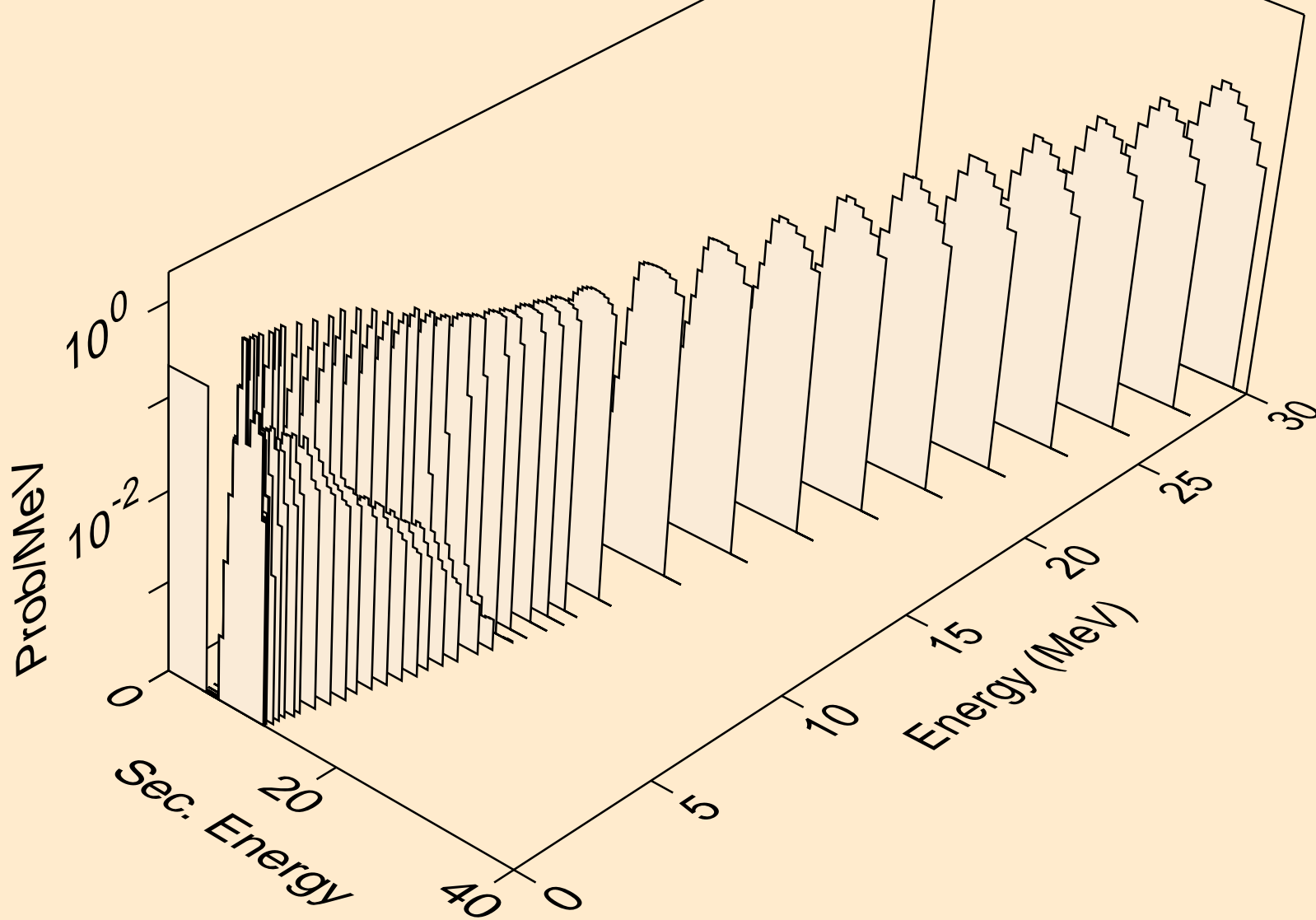
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alphas from (n,2n)2a



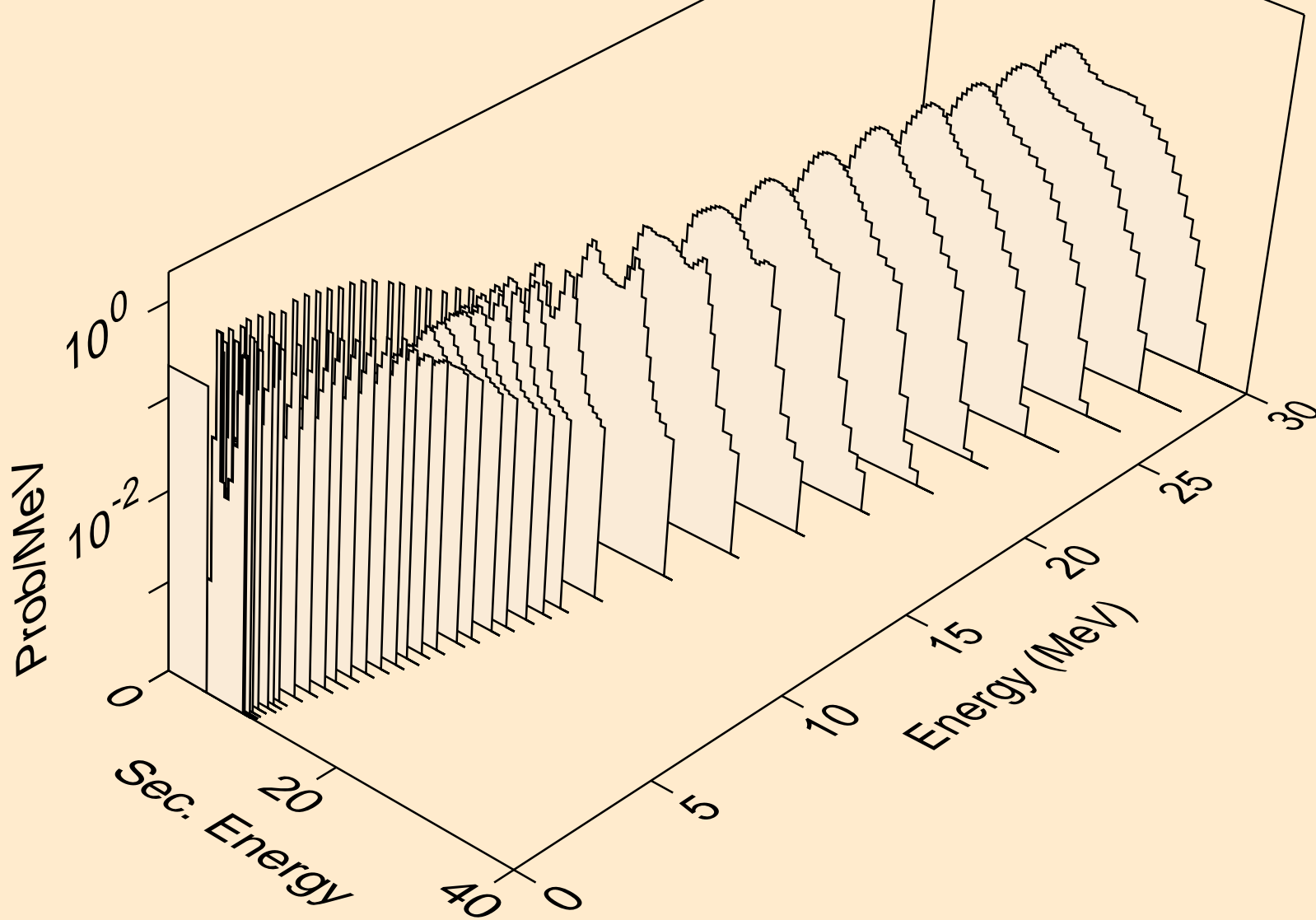
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alphas from (n,npa)



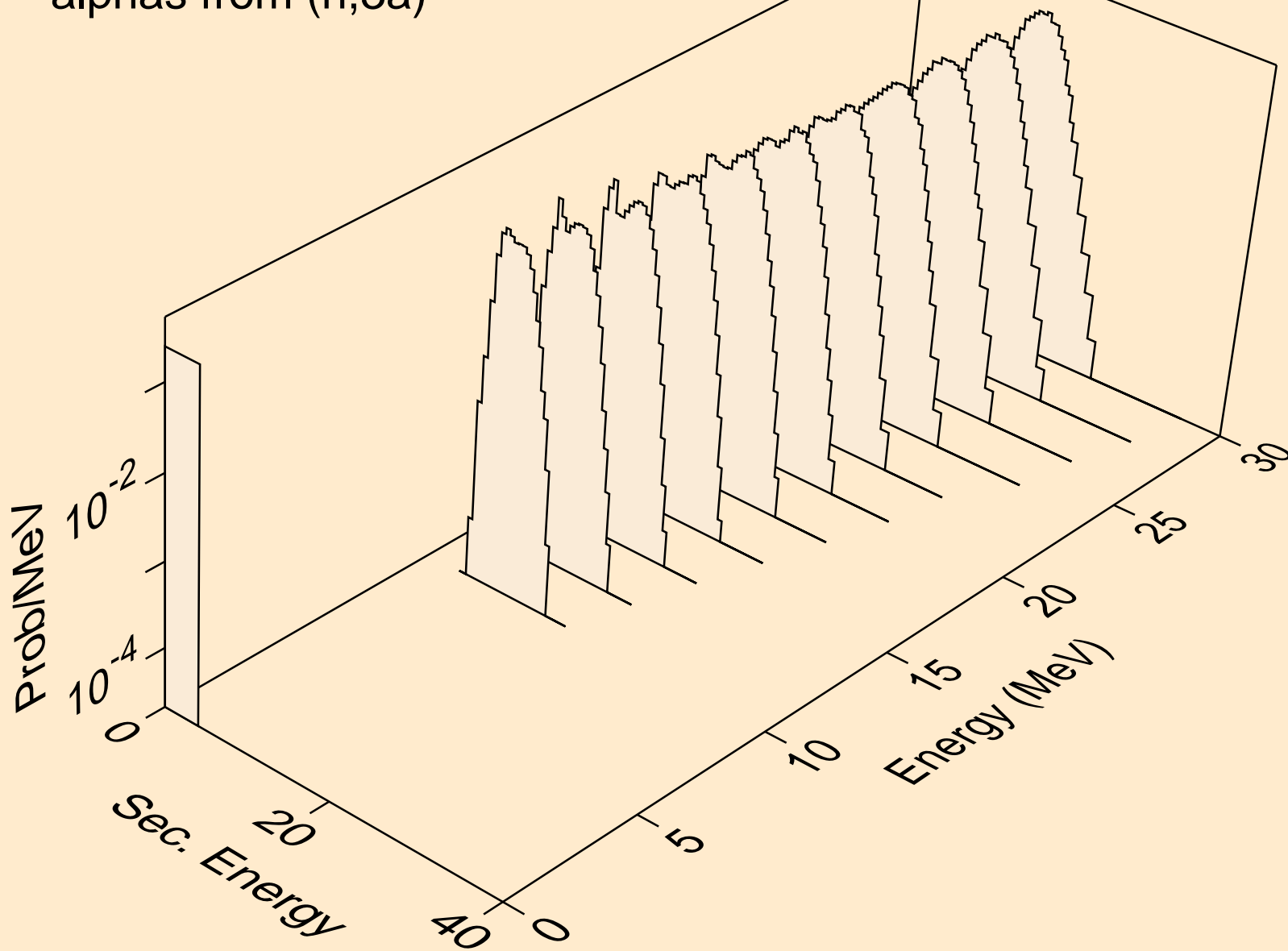
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alphas from (n,a)



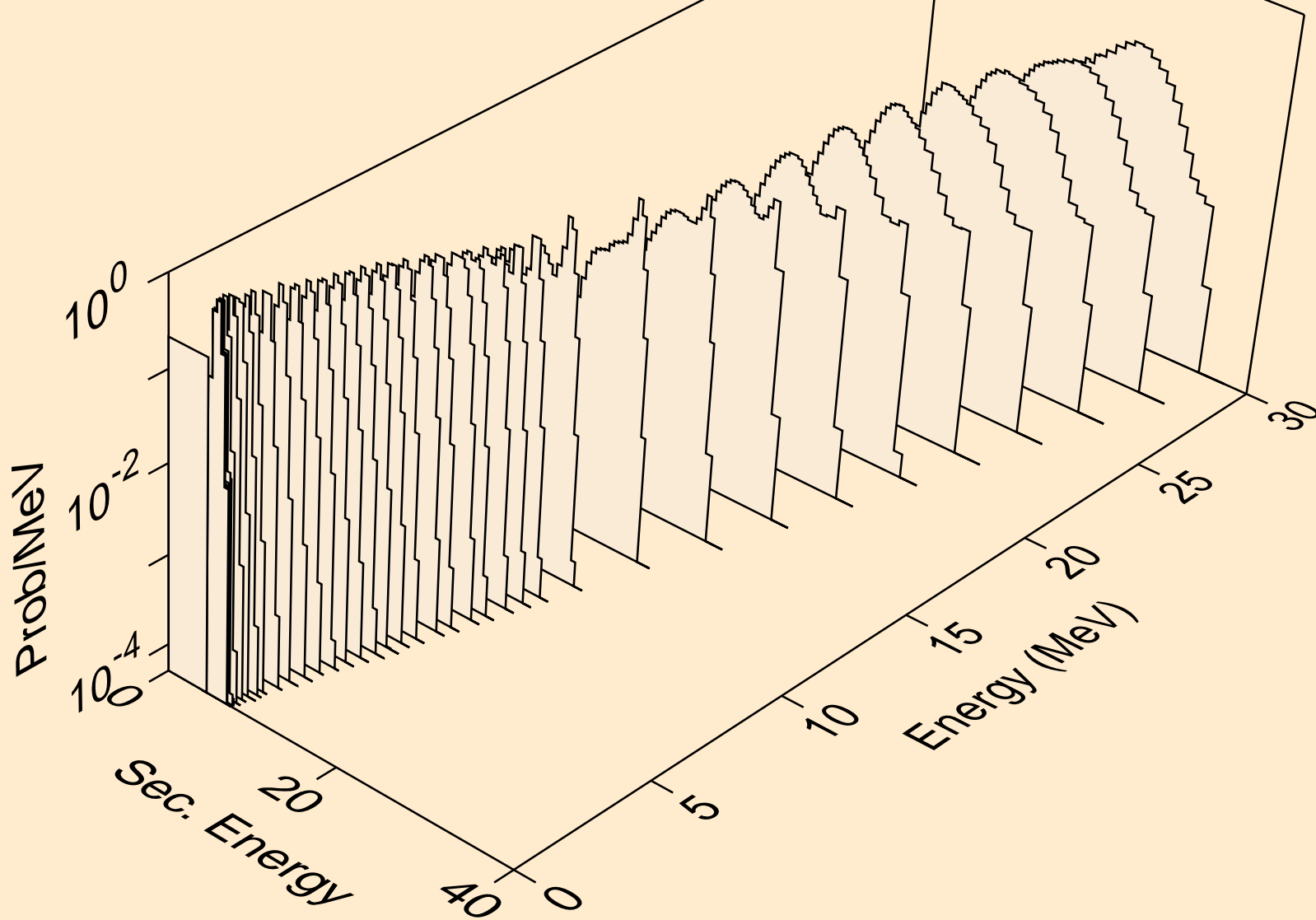
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alphas from (n,2a)



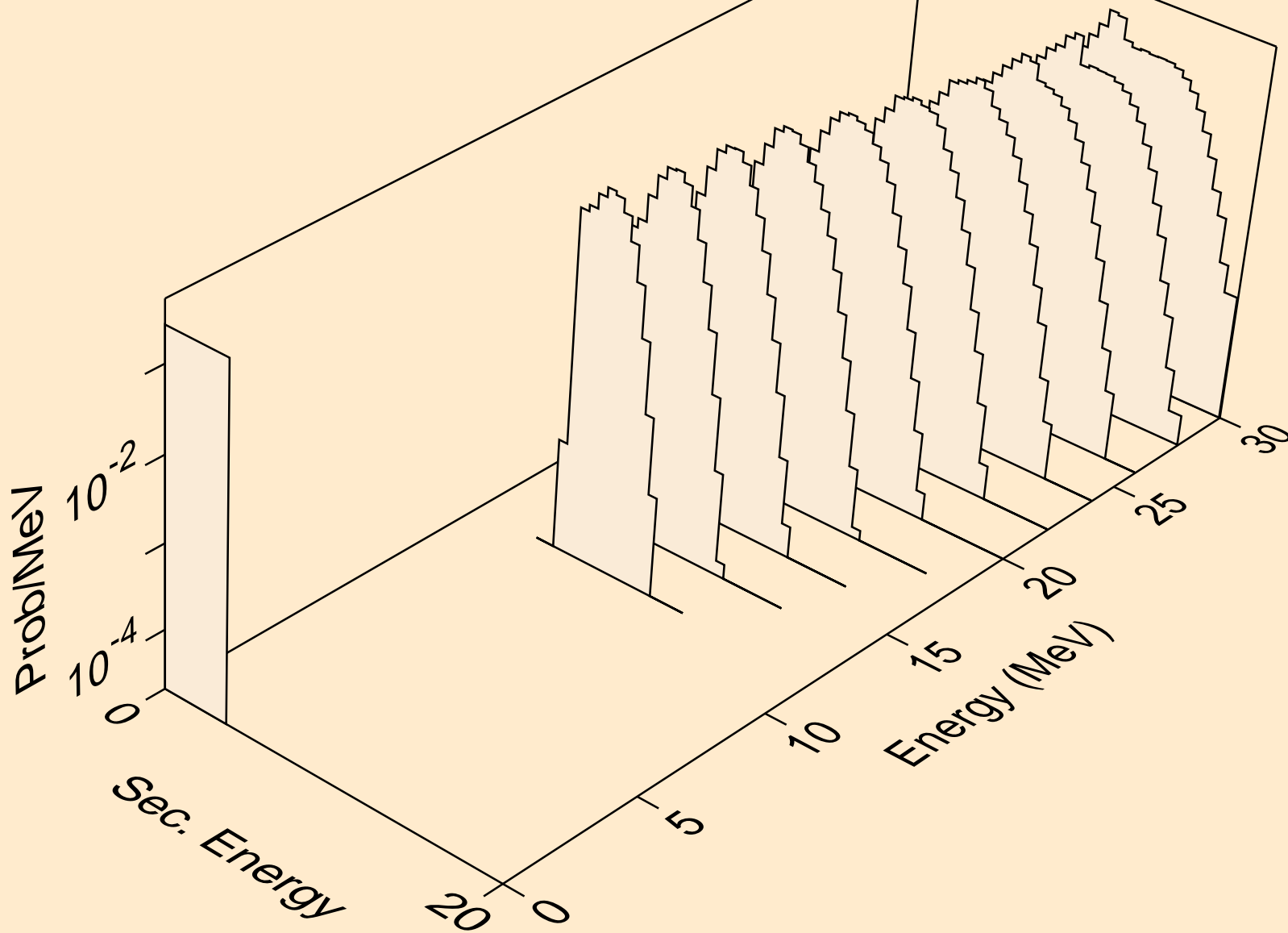
HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



HO153M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

