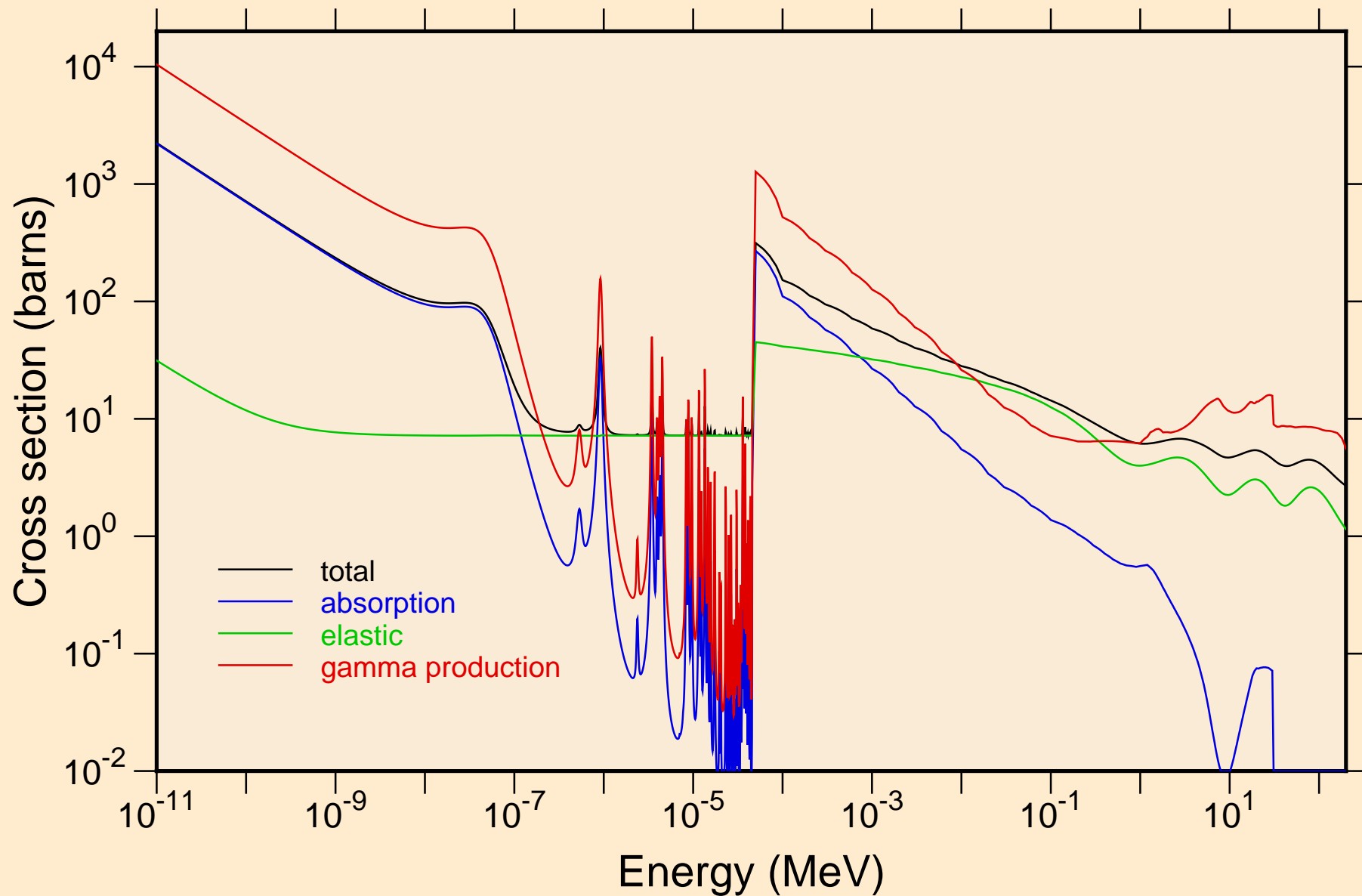
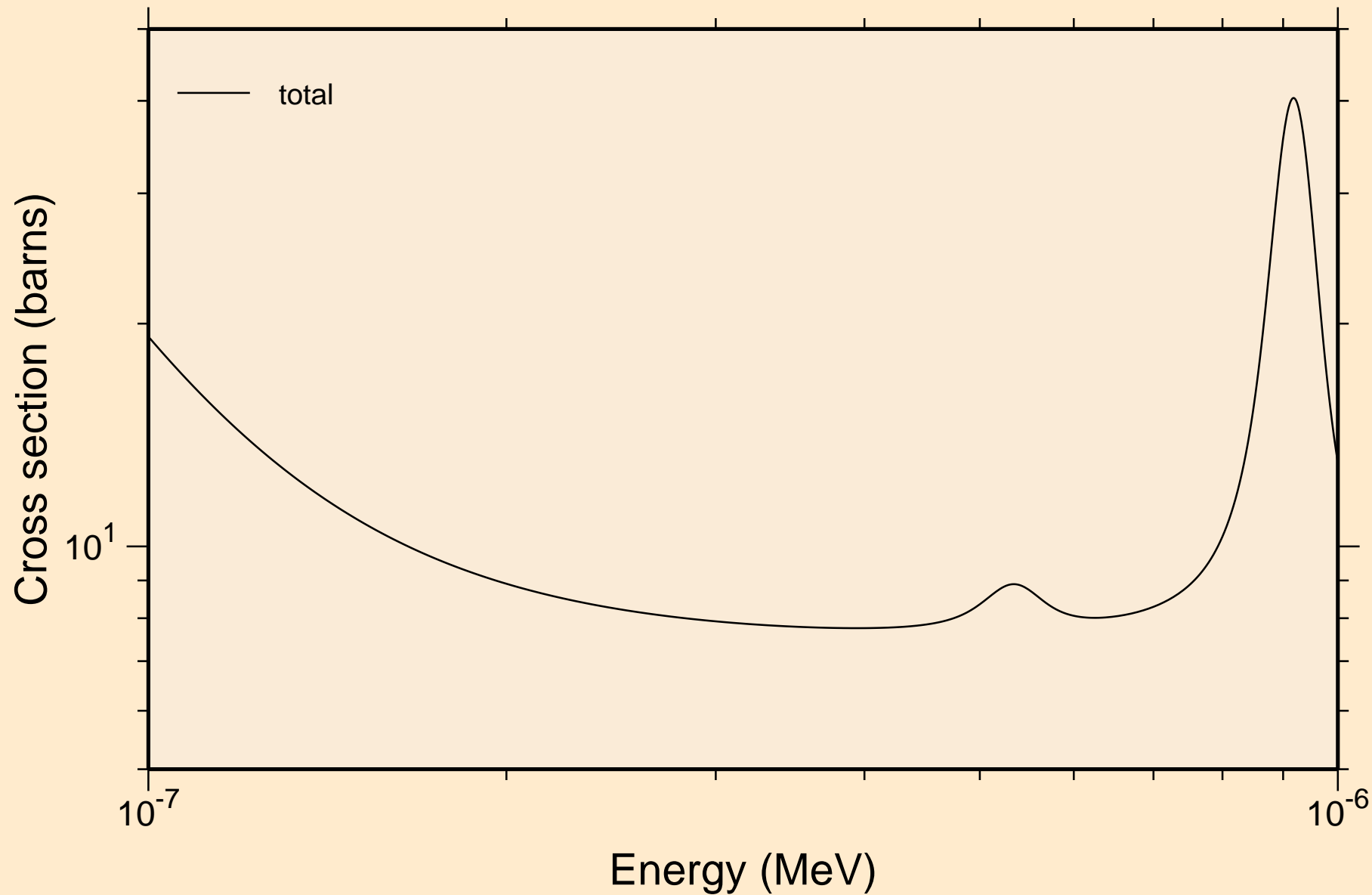


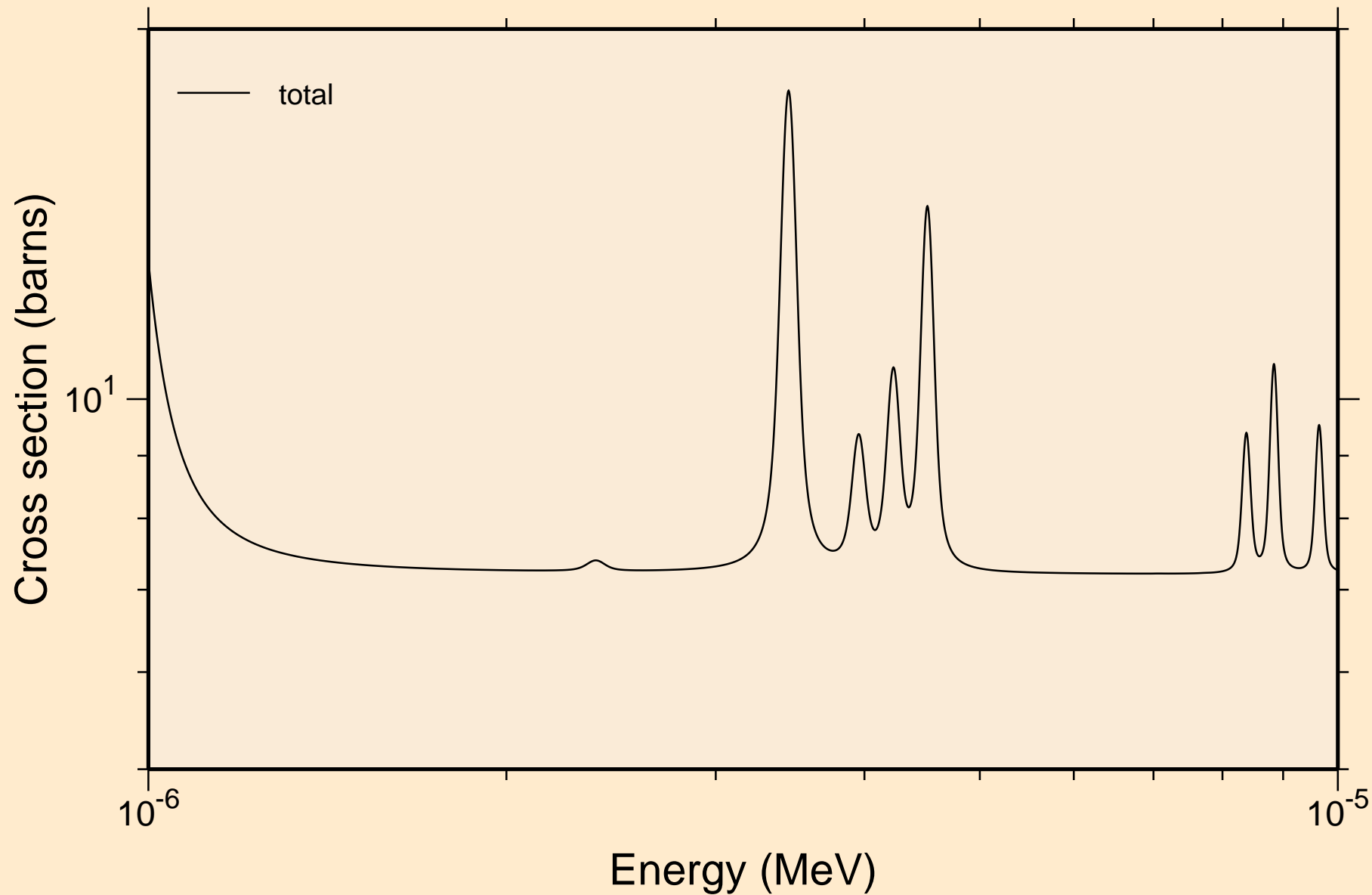
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



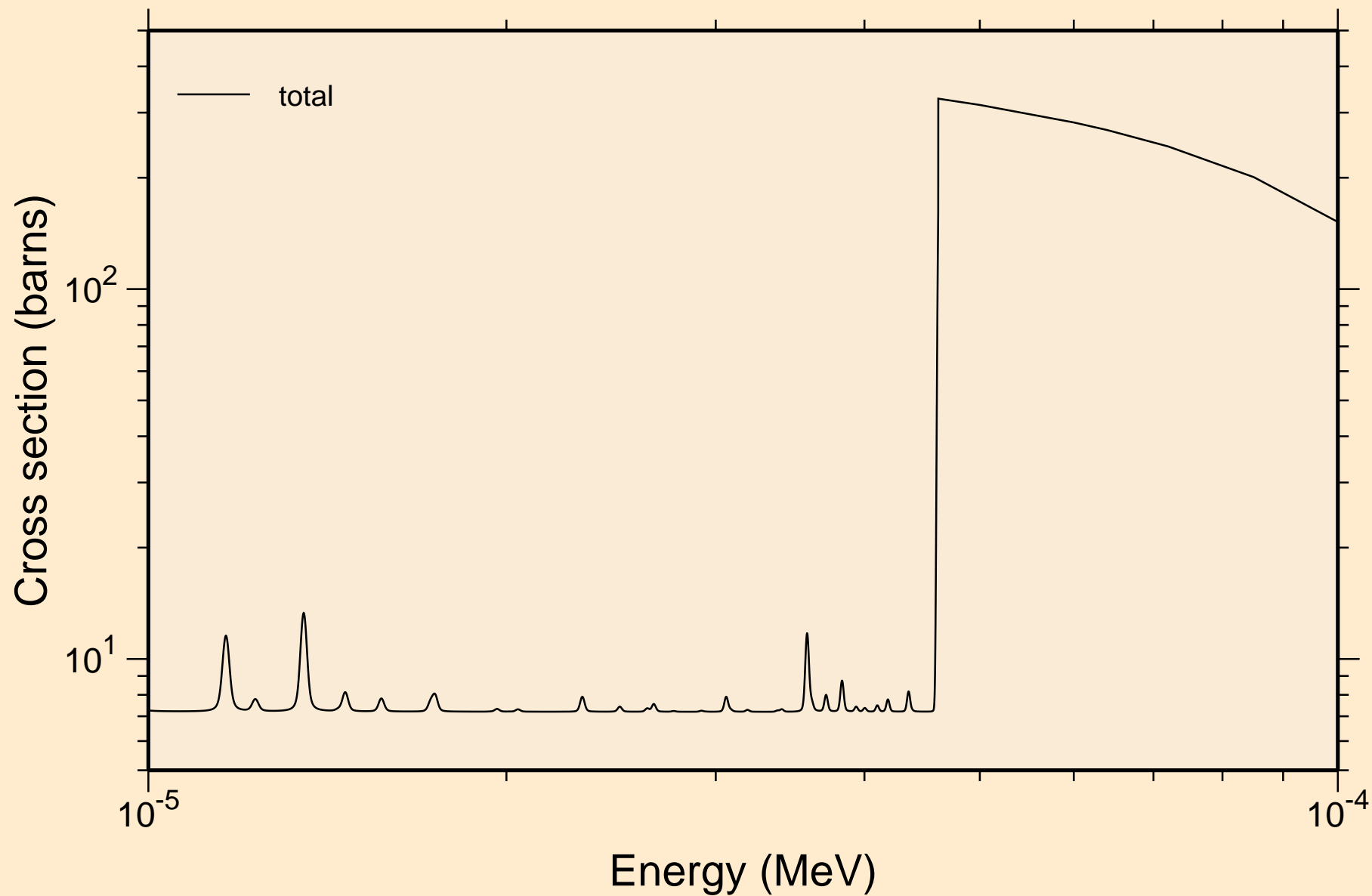
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



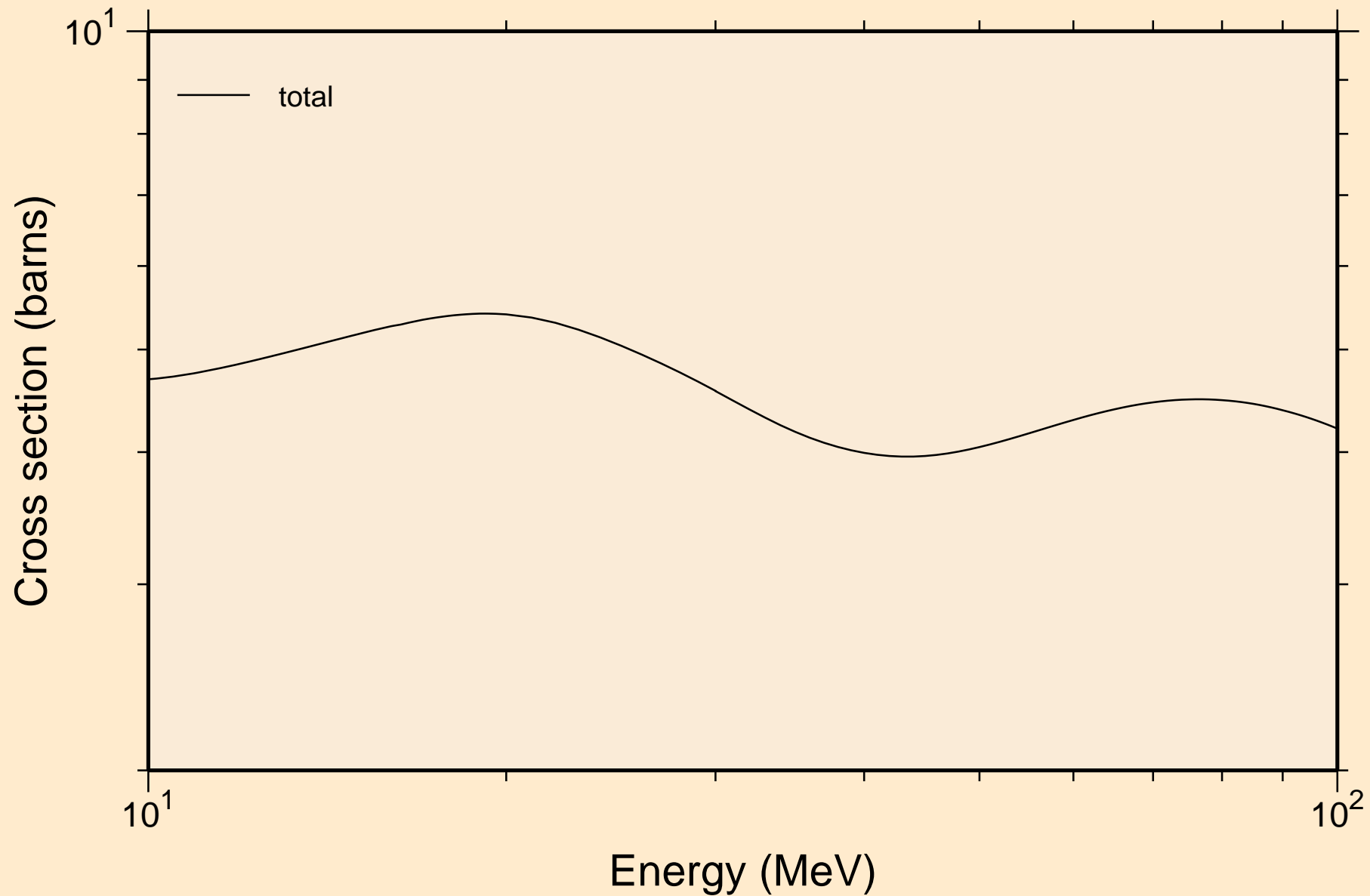
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resonance total cross section



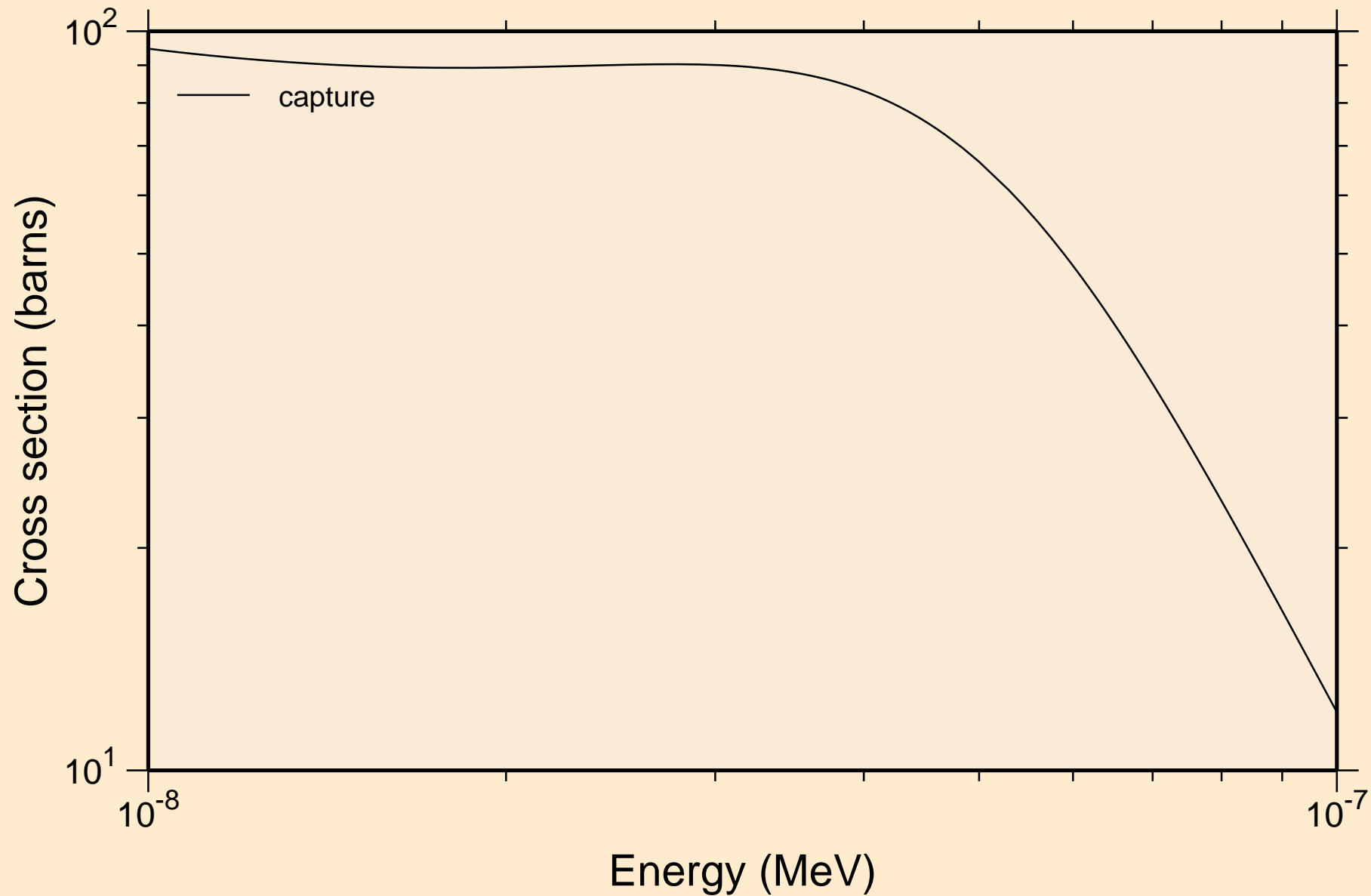
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resonance total cross section



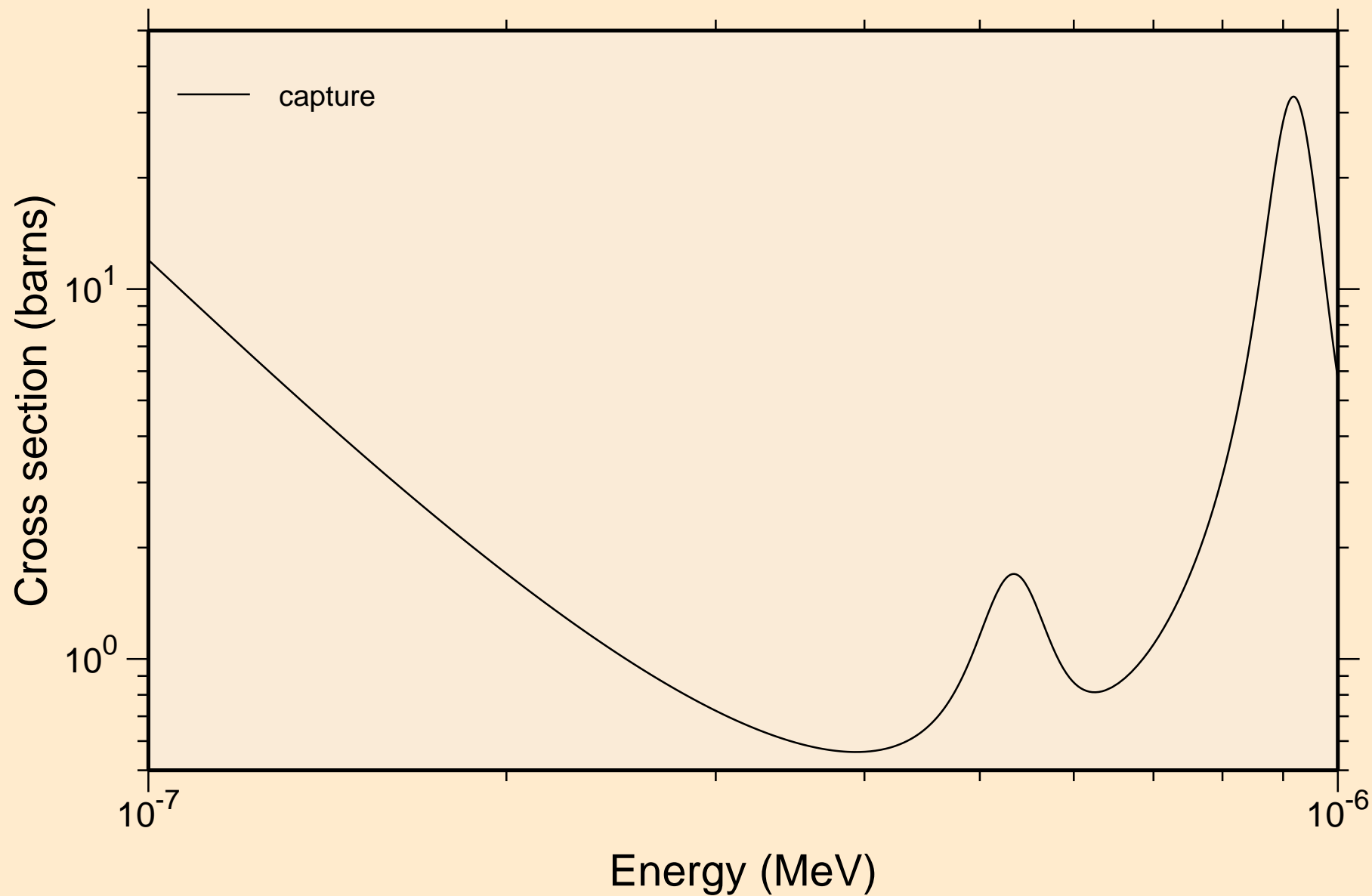
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resonance total cross section



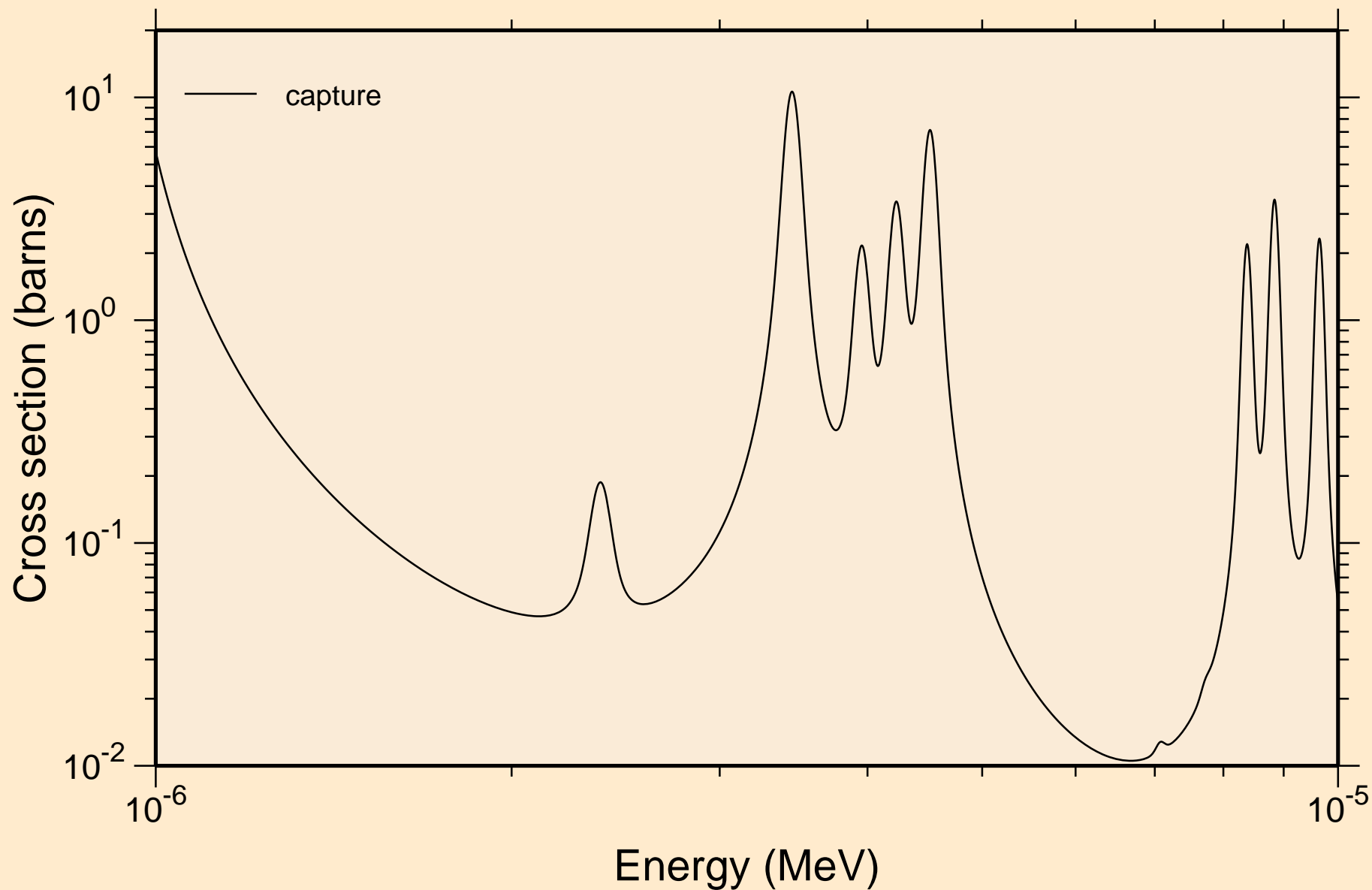
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resonance absorption cross sections



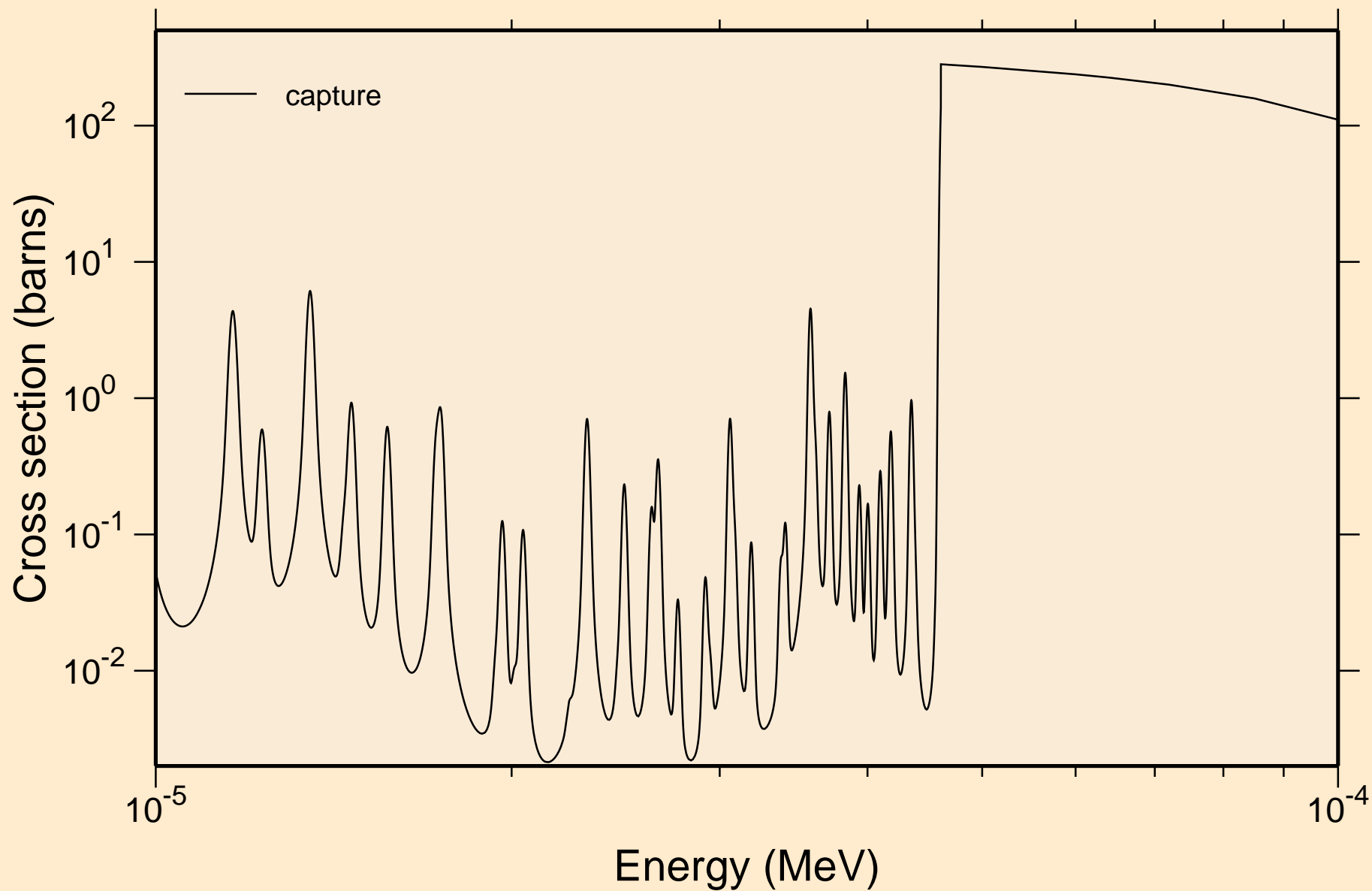
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resonance absorption cross sections



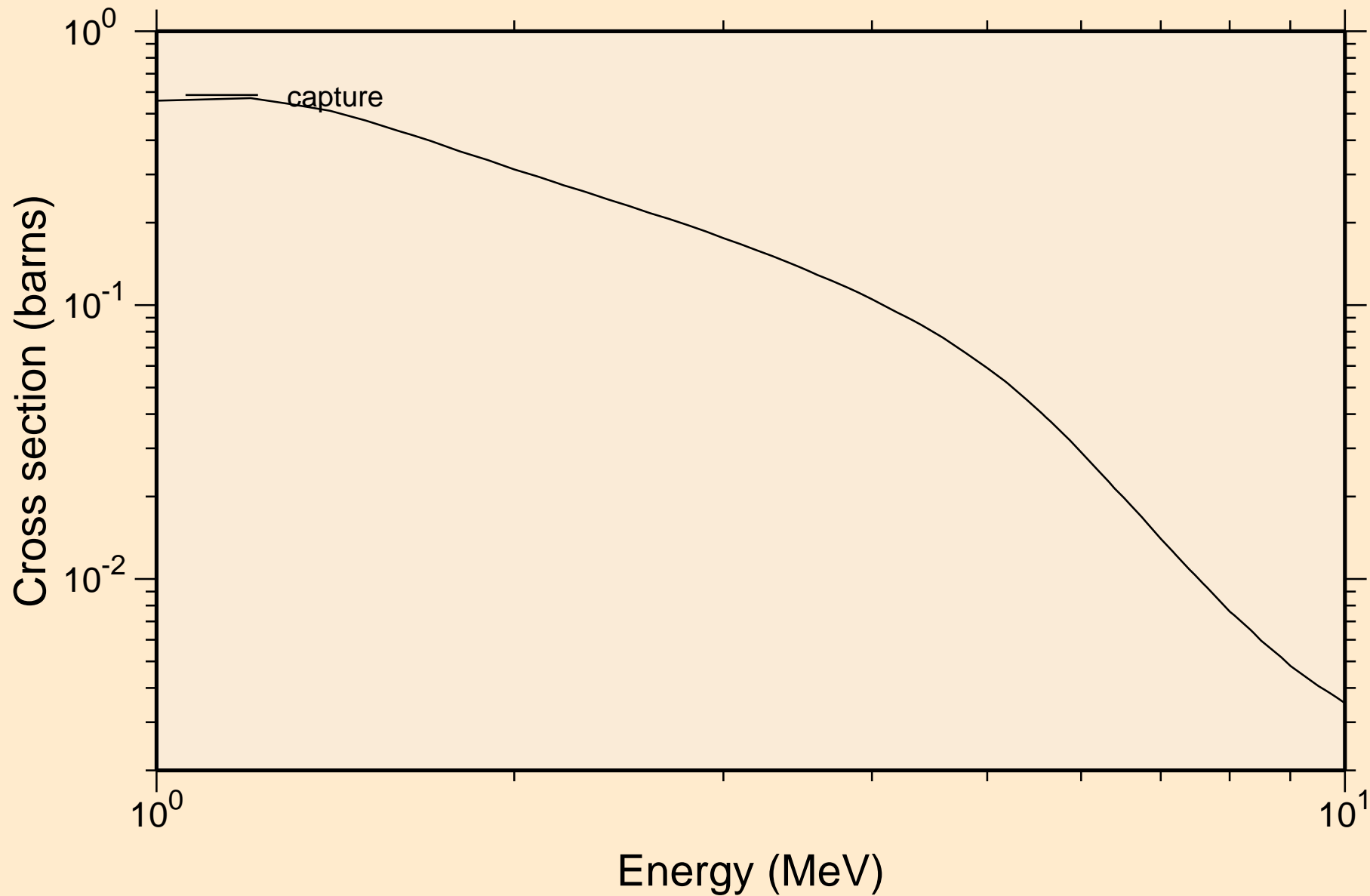
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resonance absorption cross sections



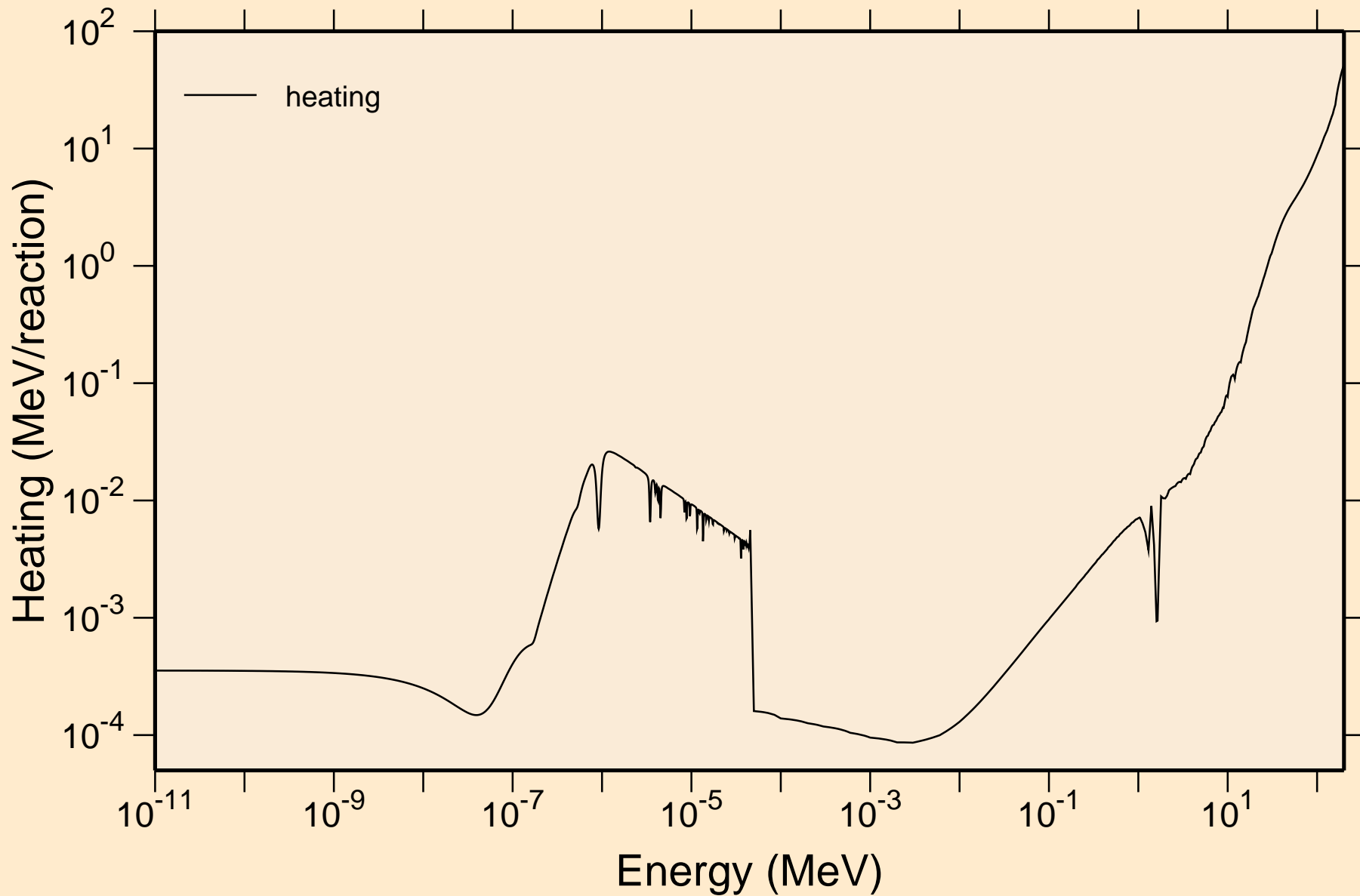
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resonance absorption cross sections



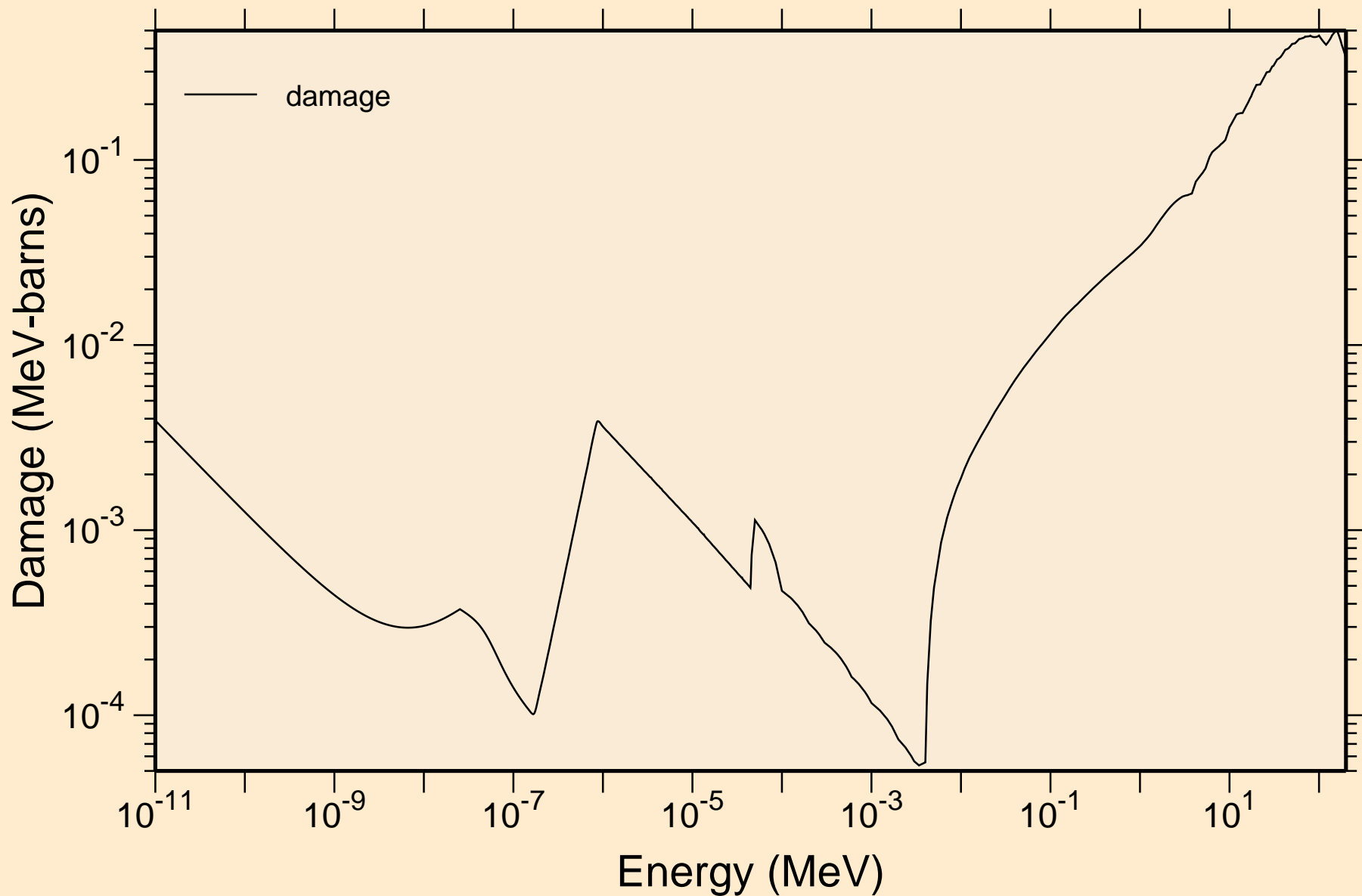
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resonance absorption cross sections



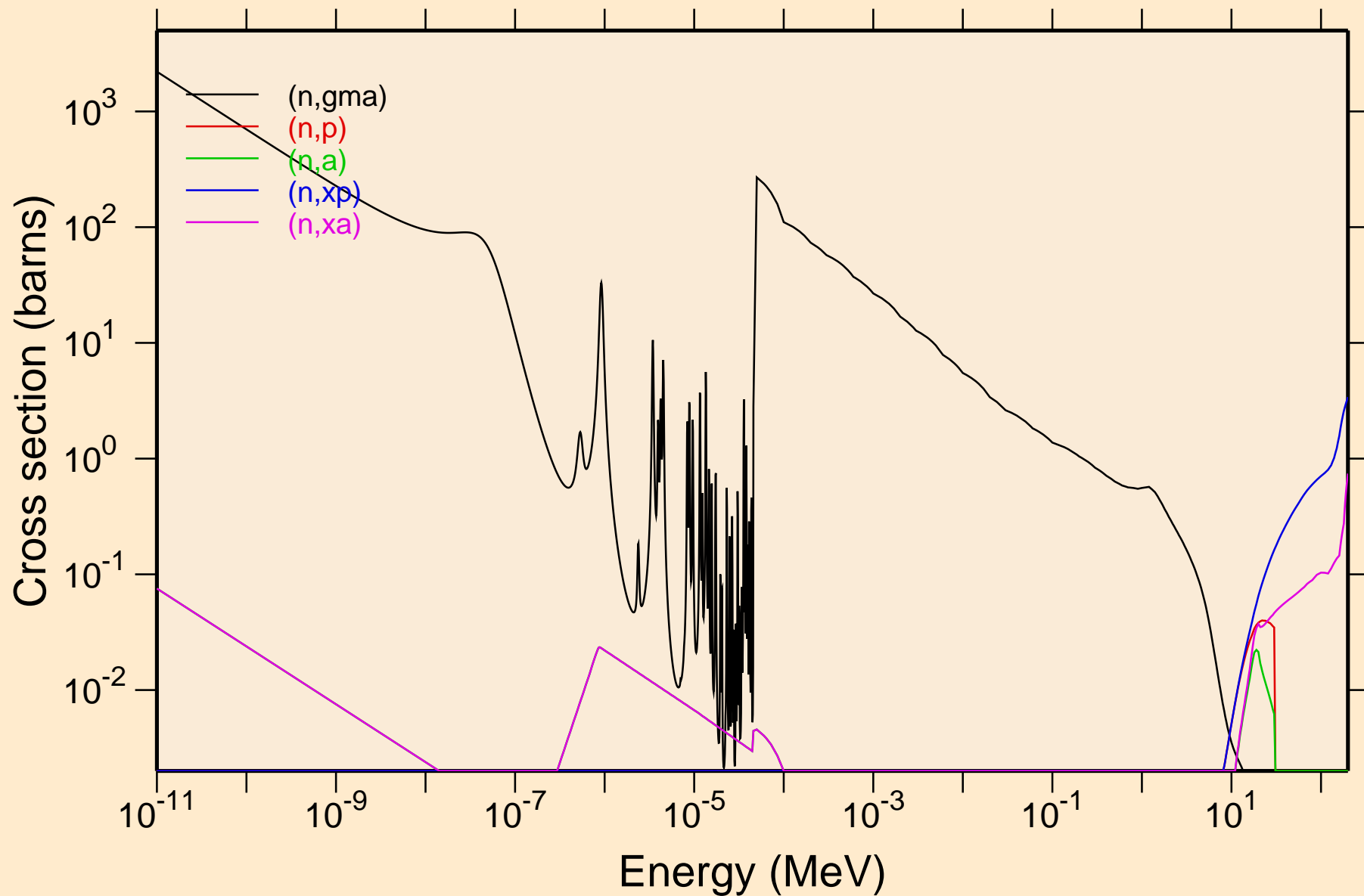
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



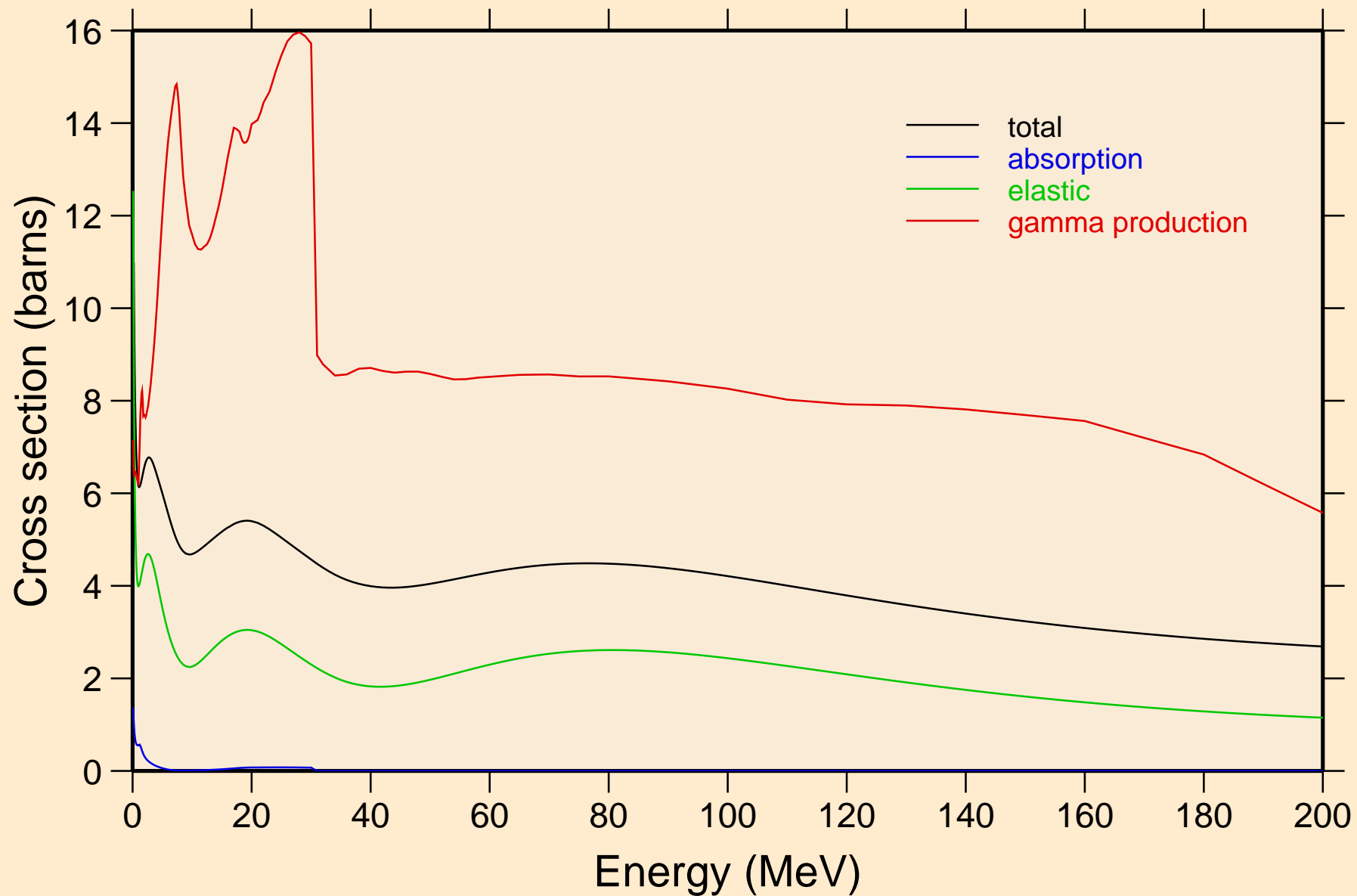
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Damage



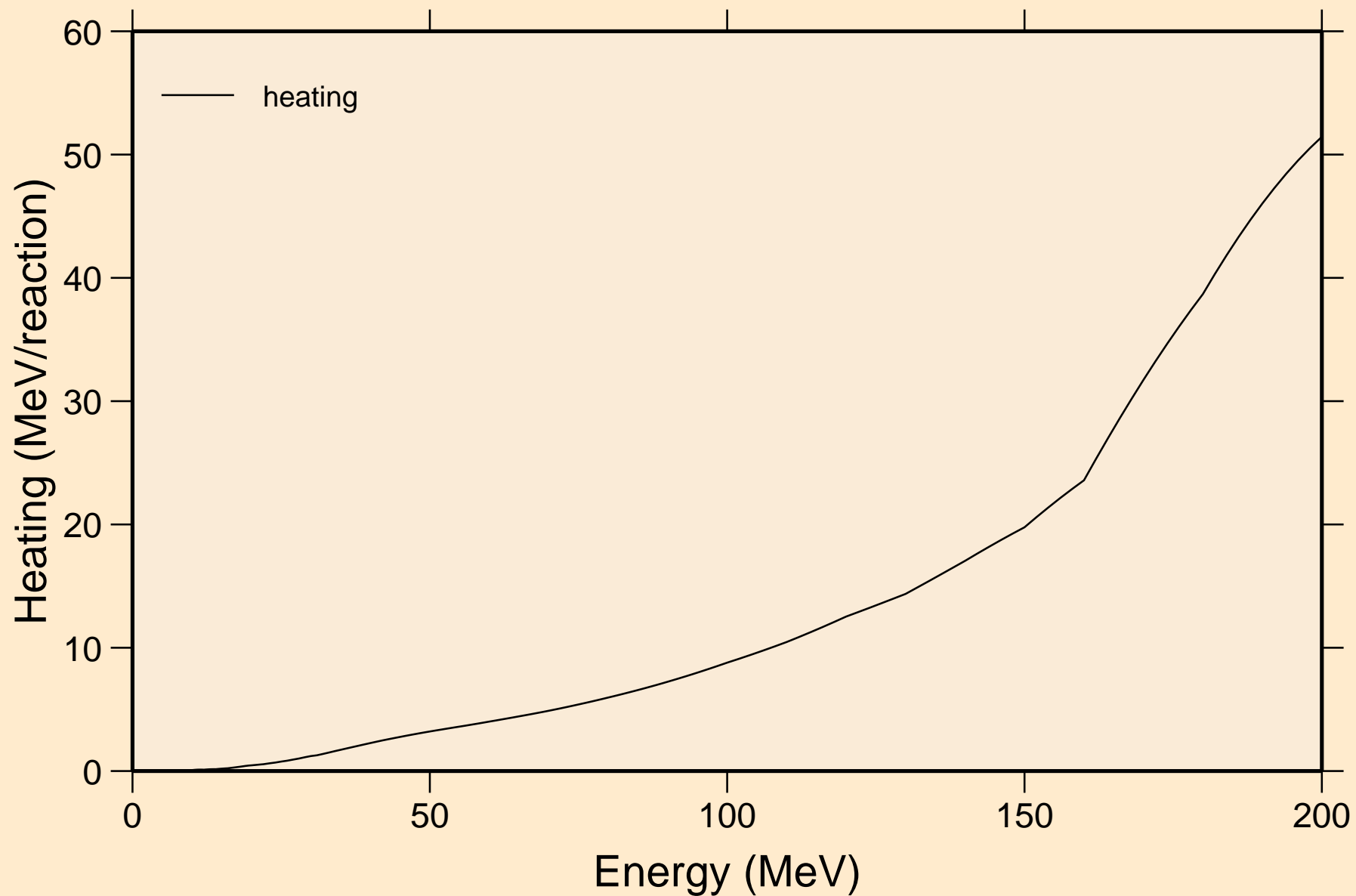
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections

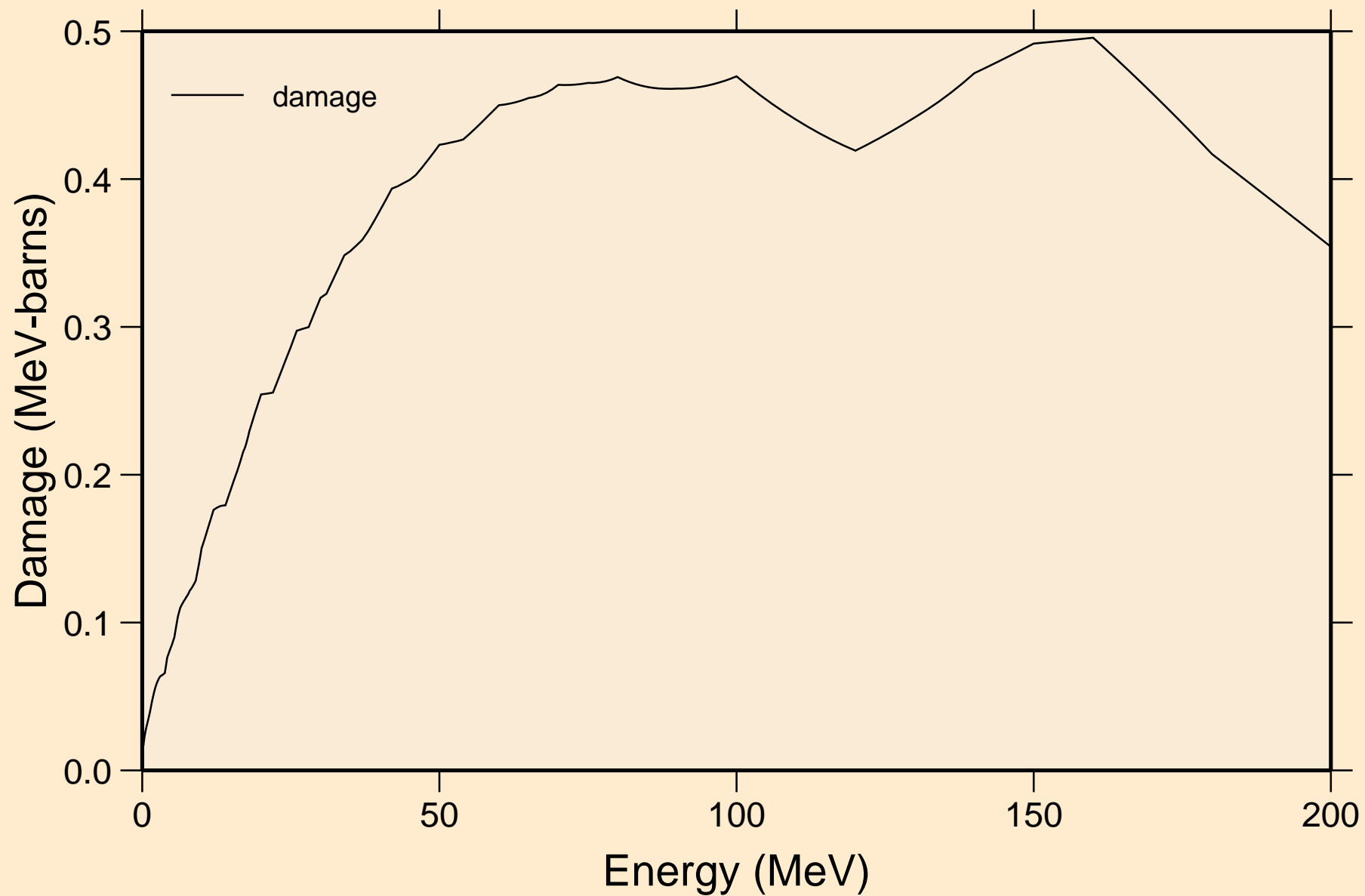


W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

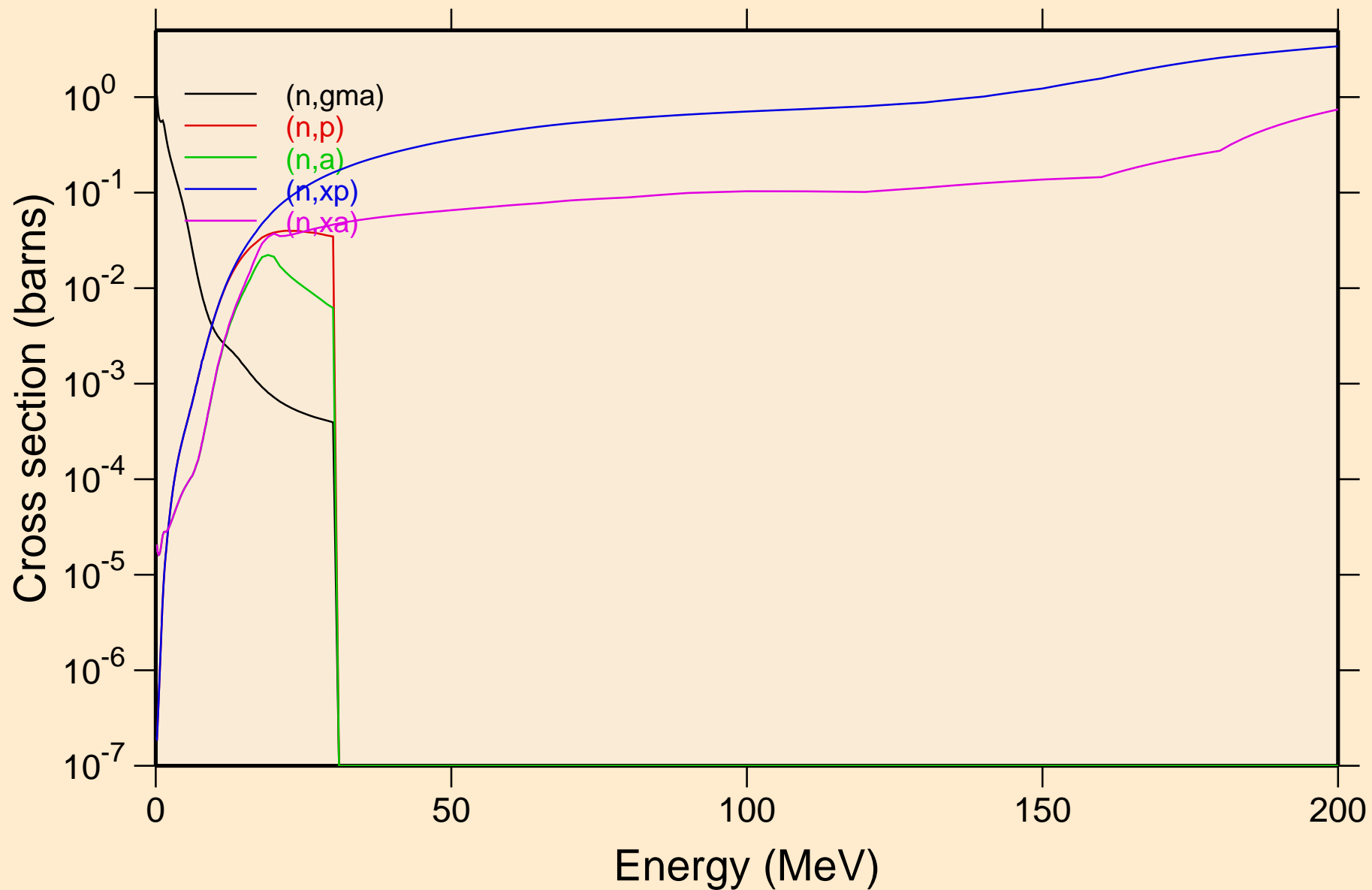


W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

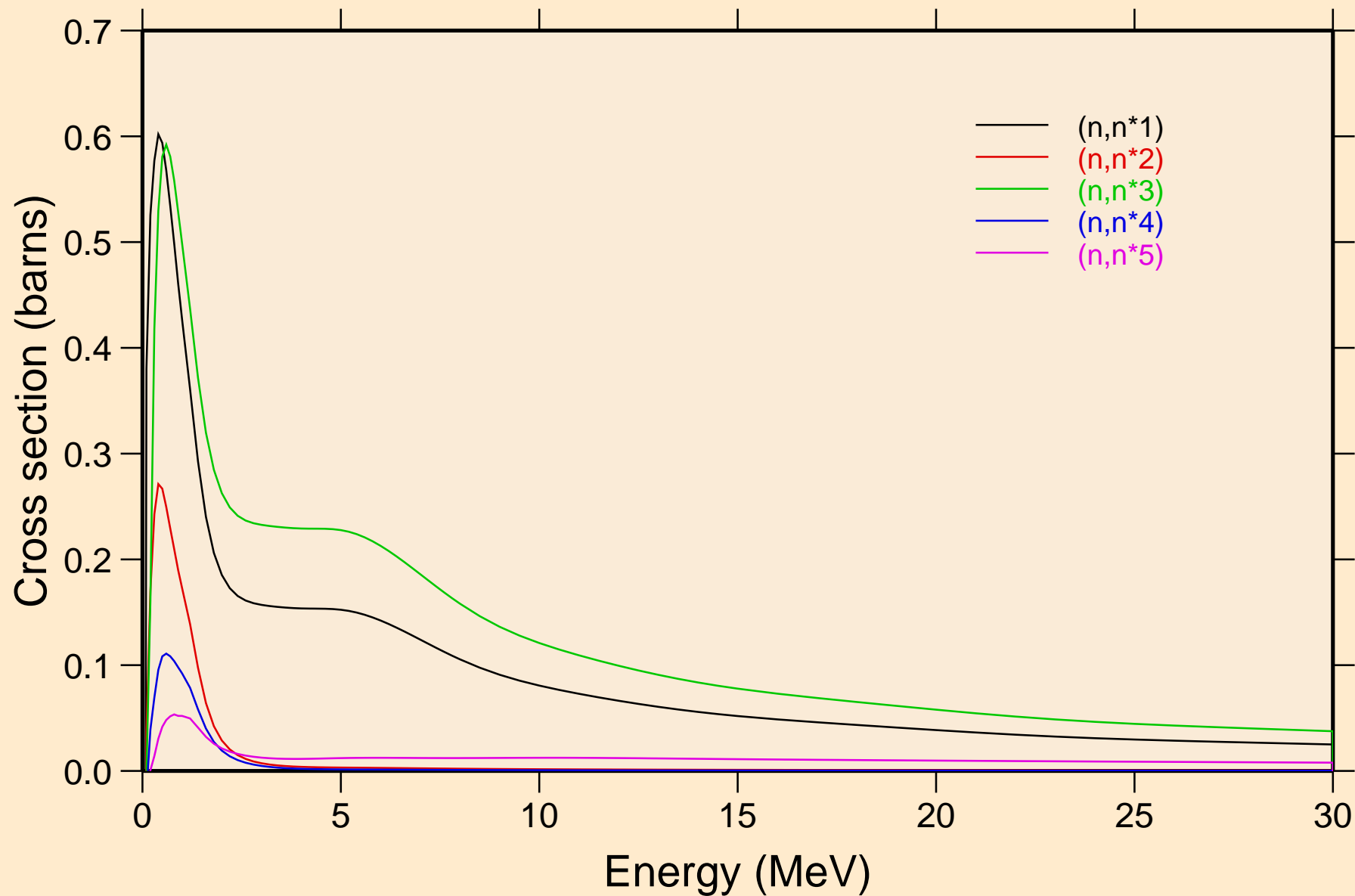
Damage



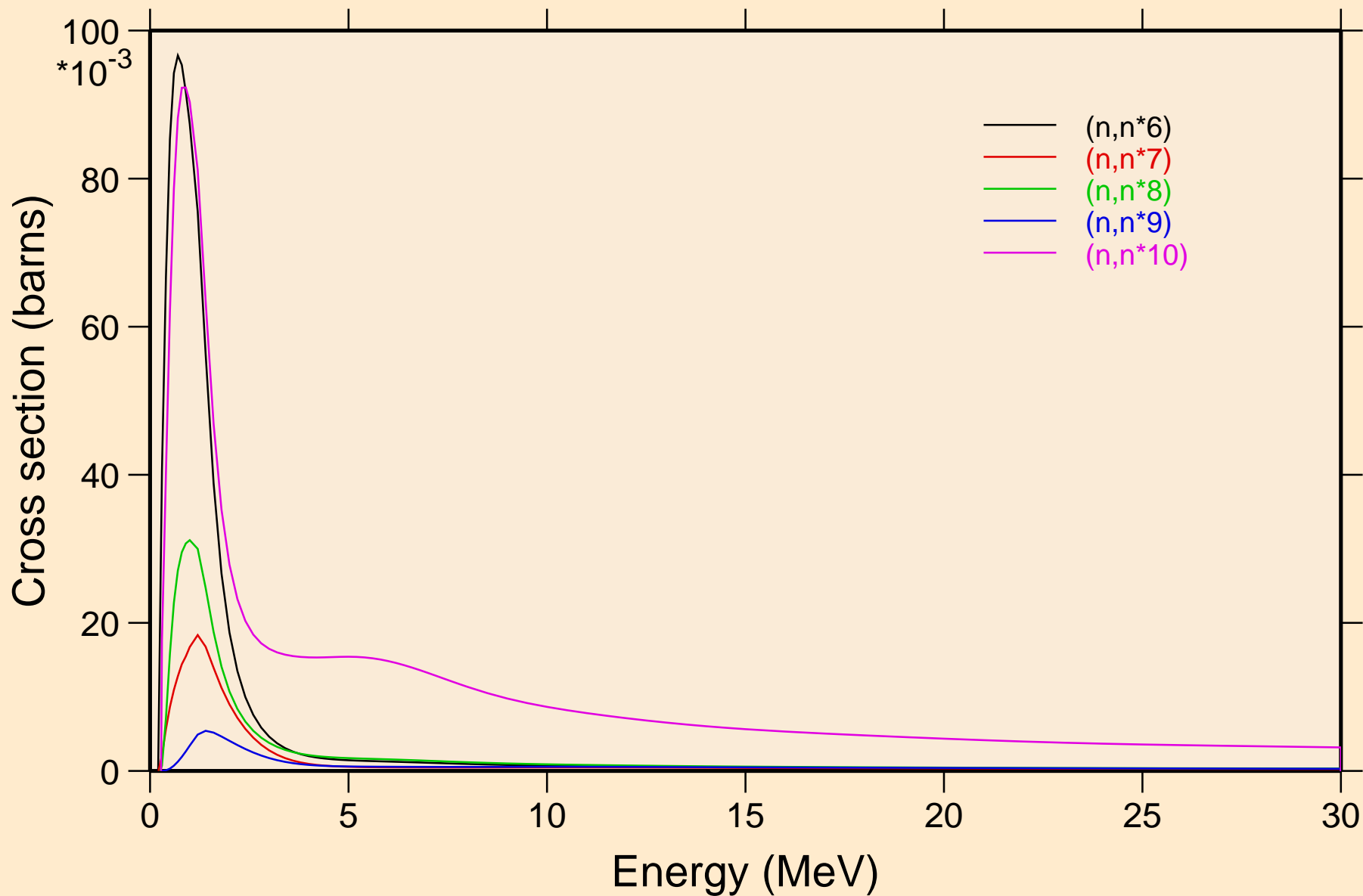
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



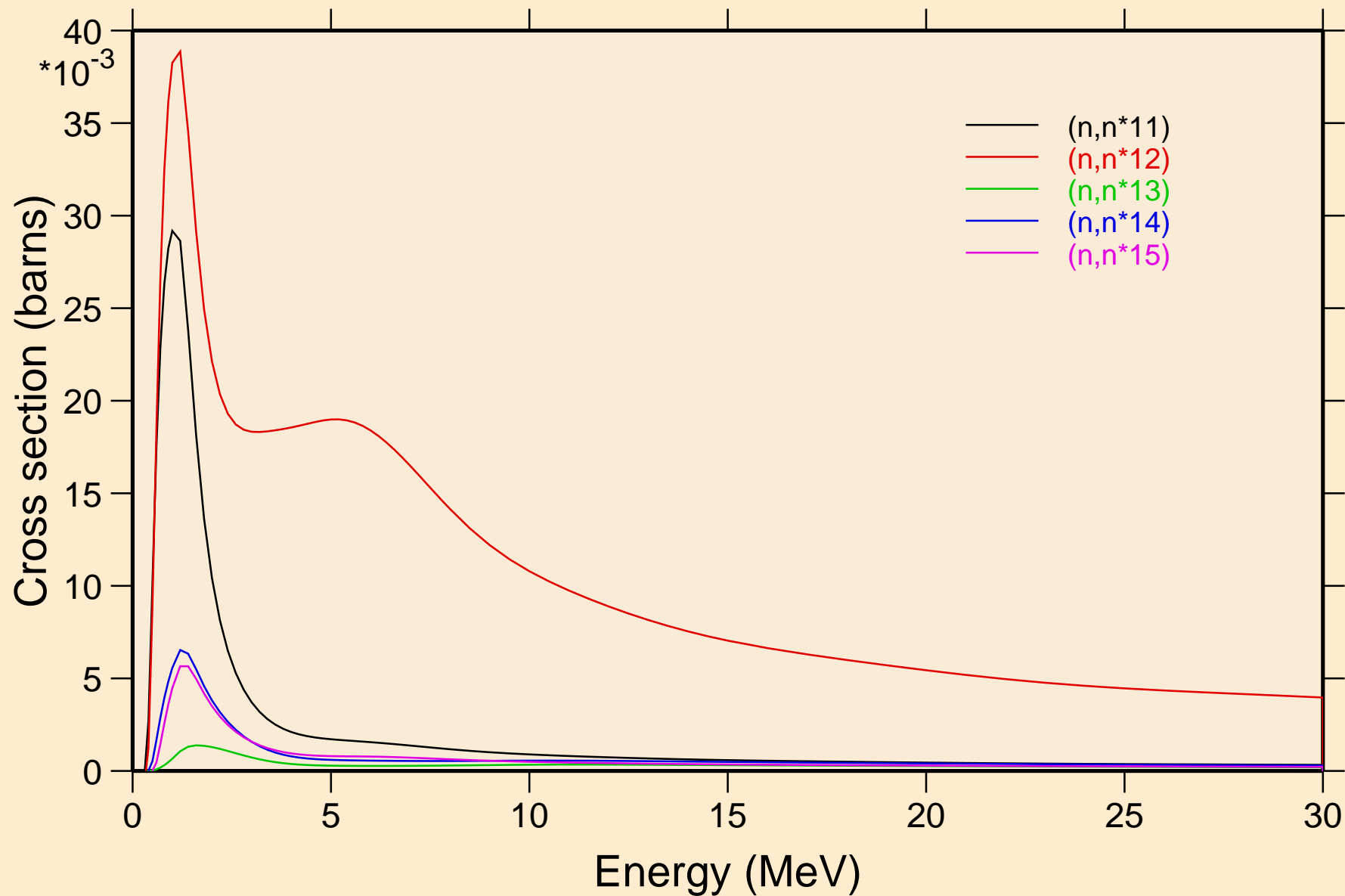
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



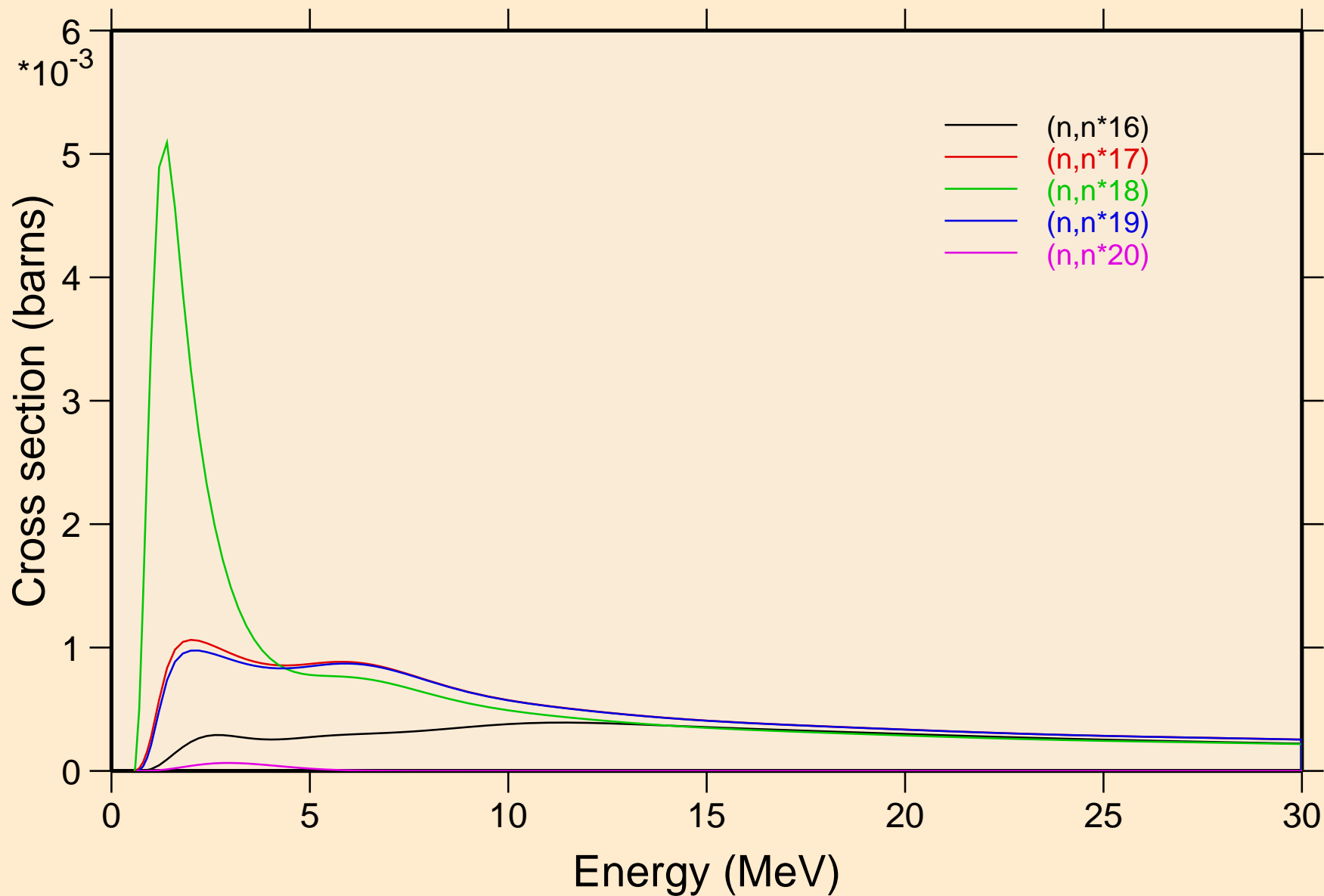
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



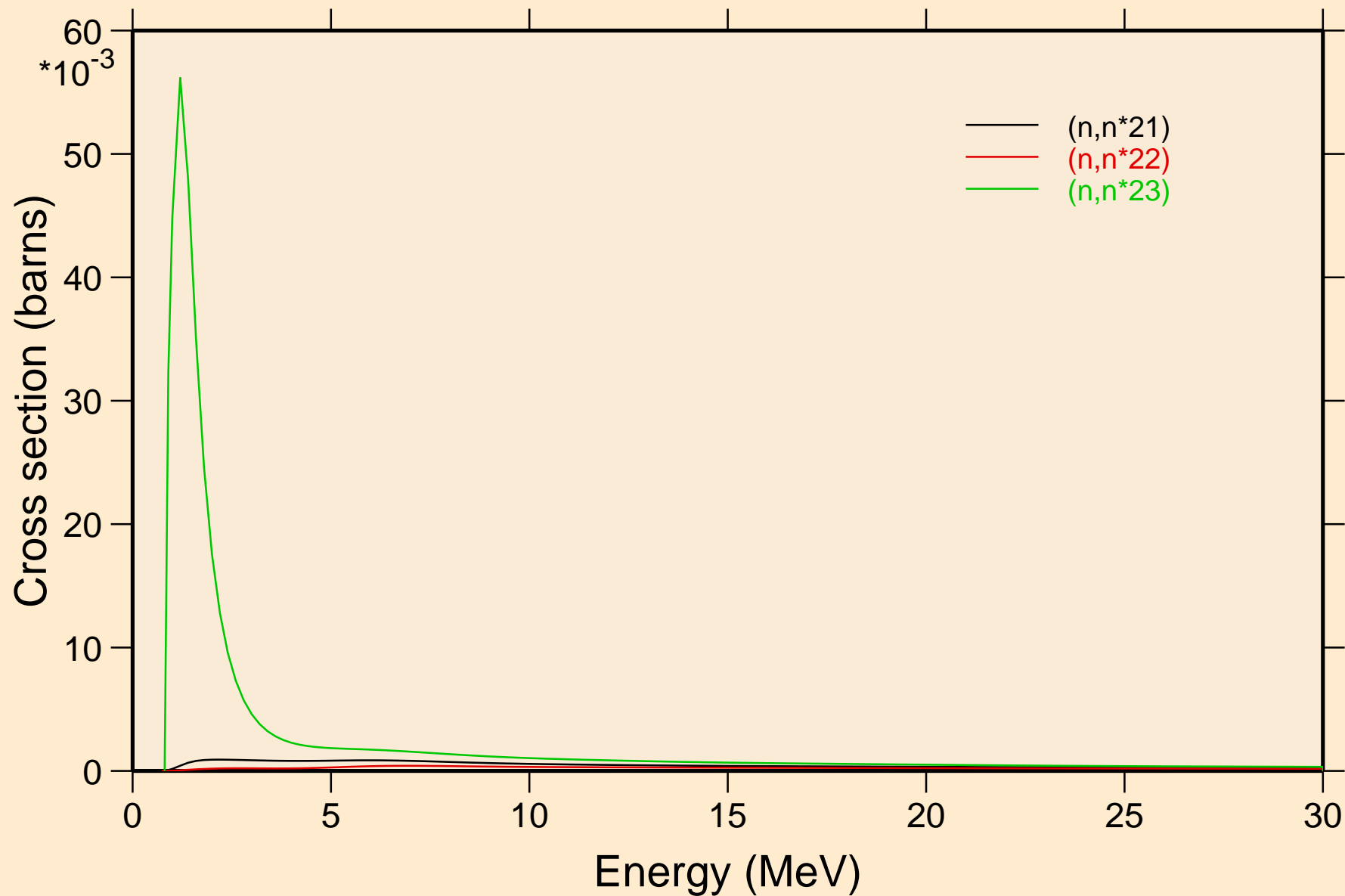
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Inelastic levels



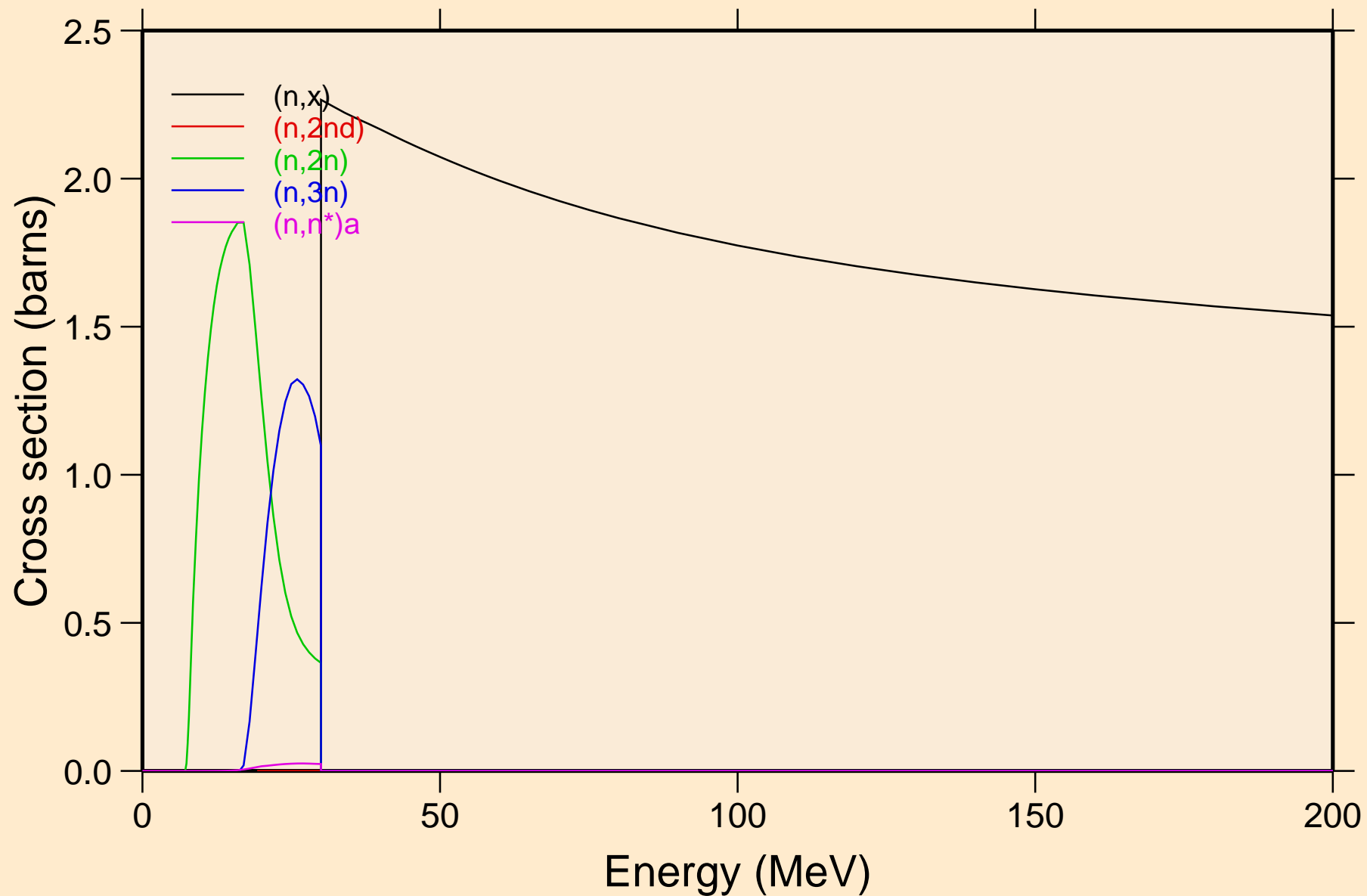
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



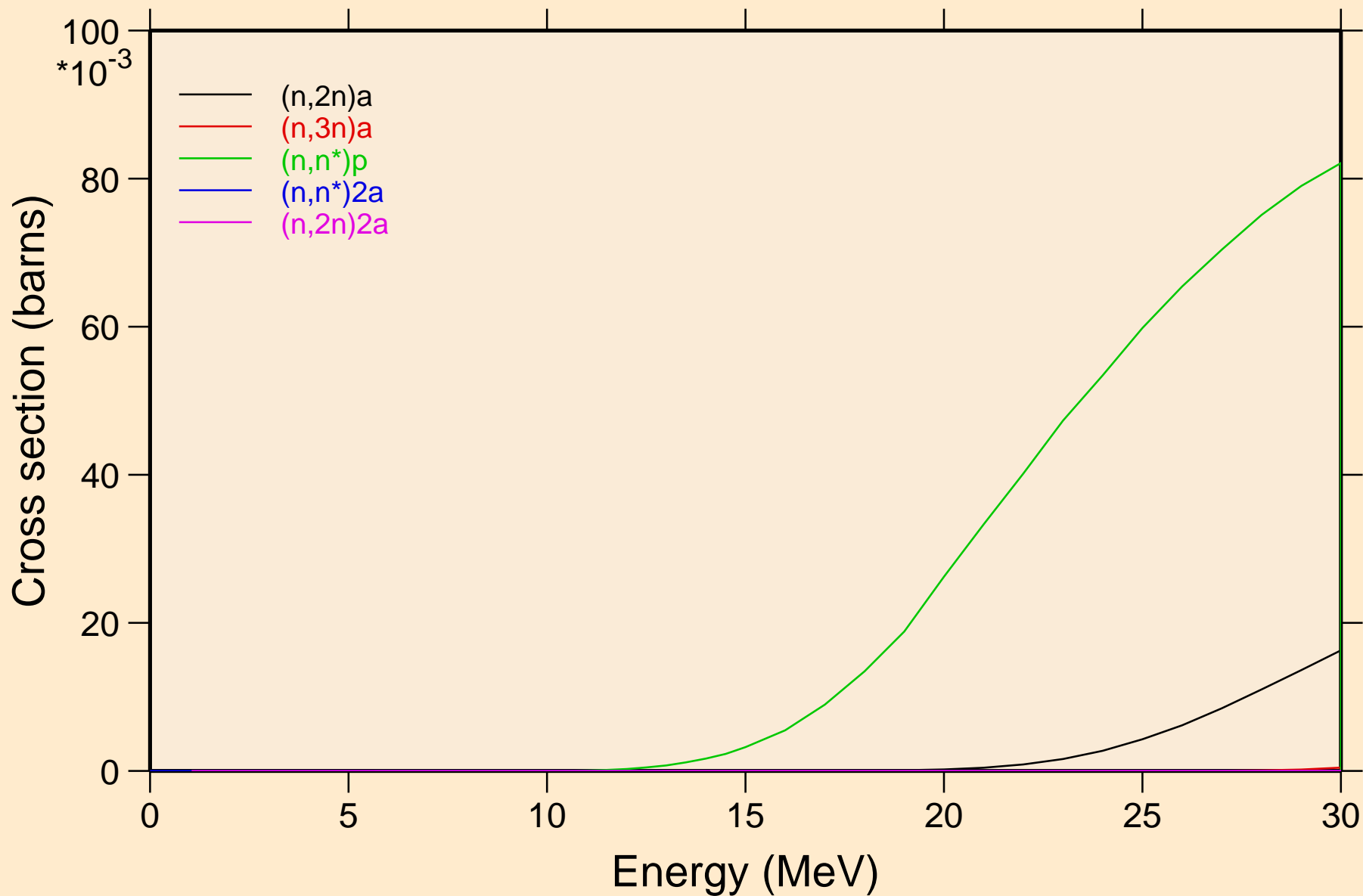
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Inelastic levels



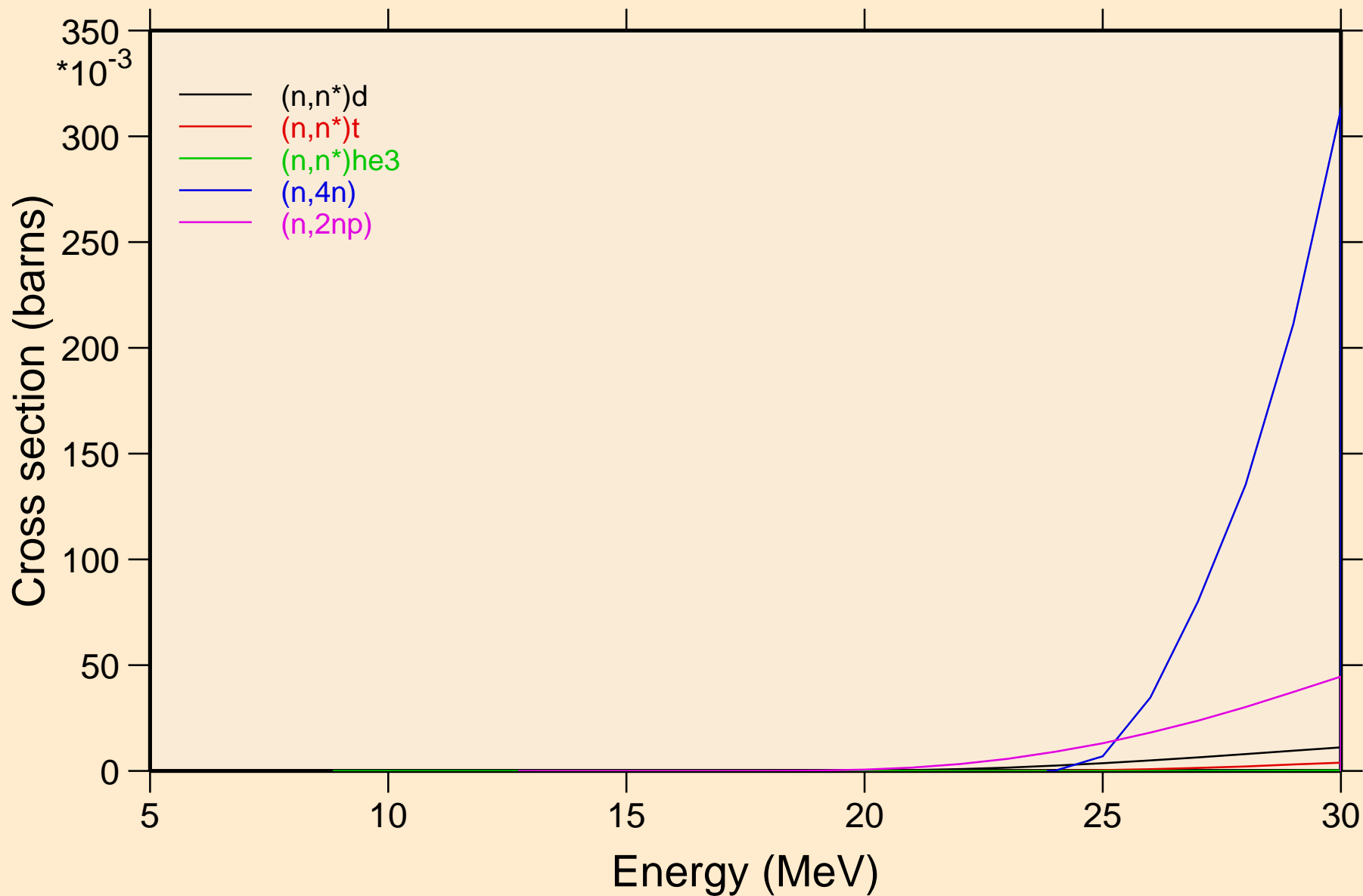
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



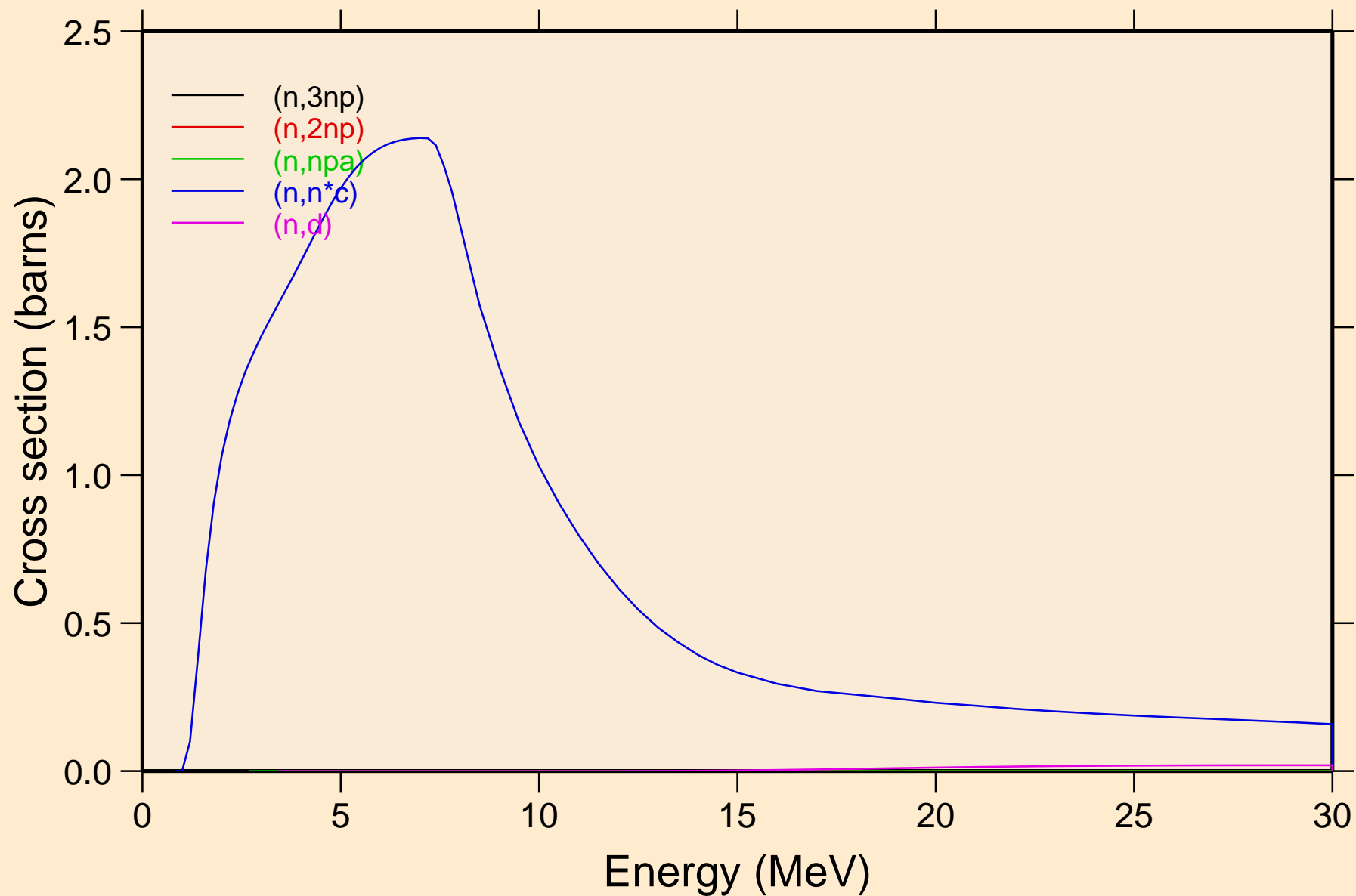
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



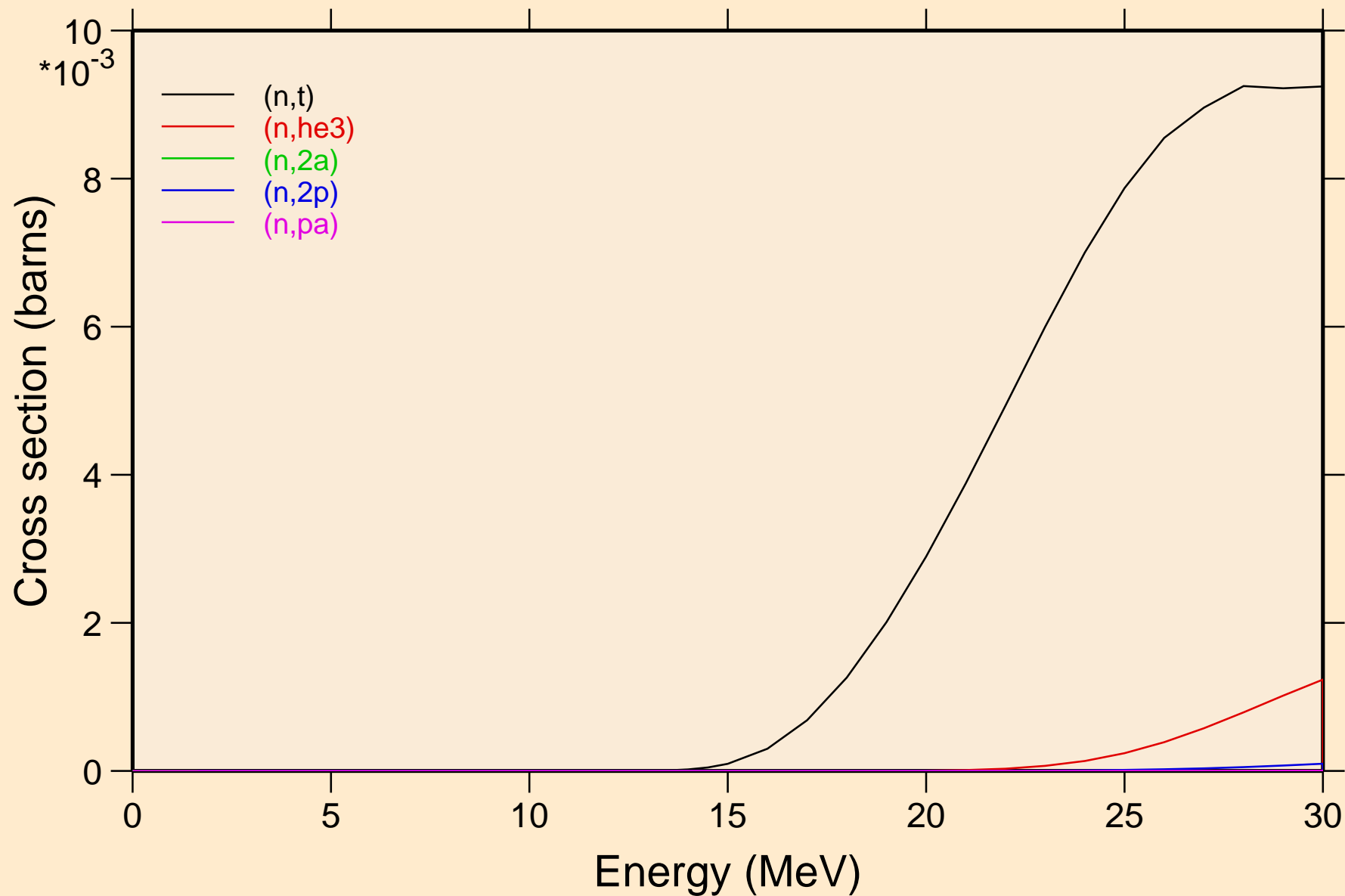
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



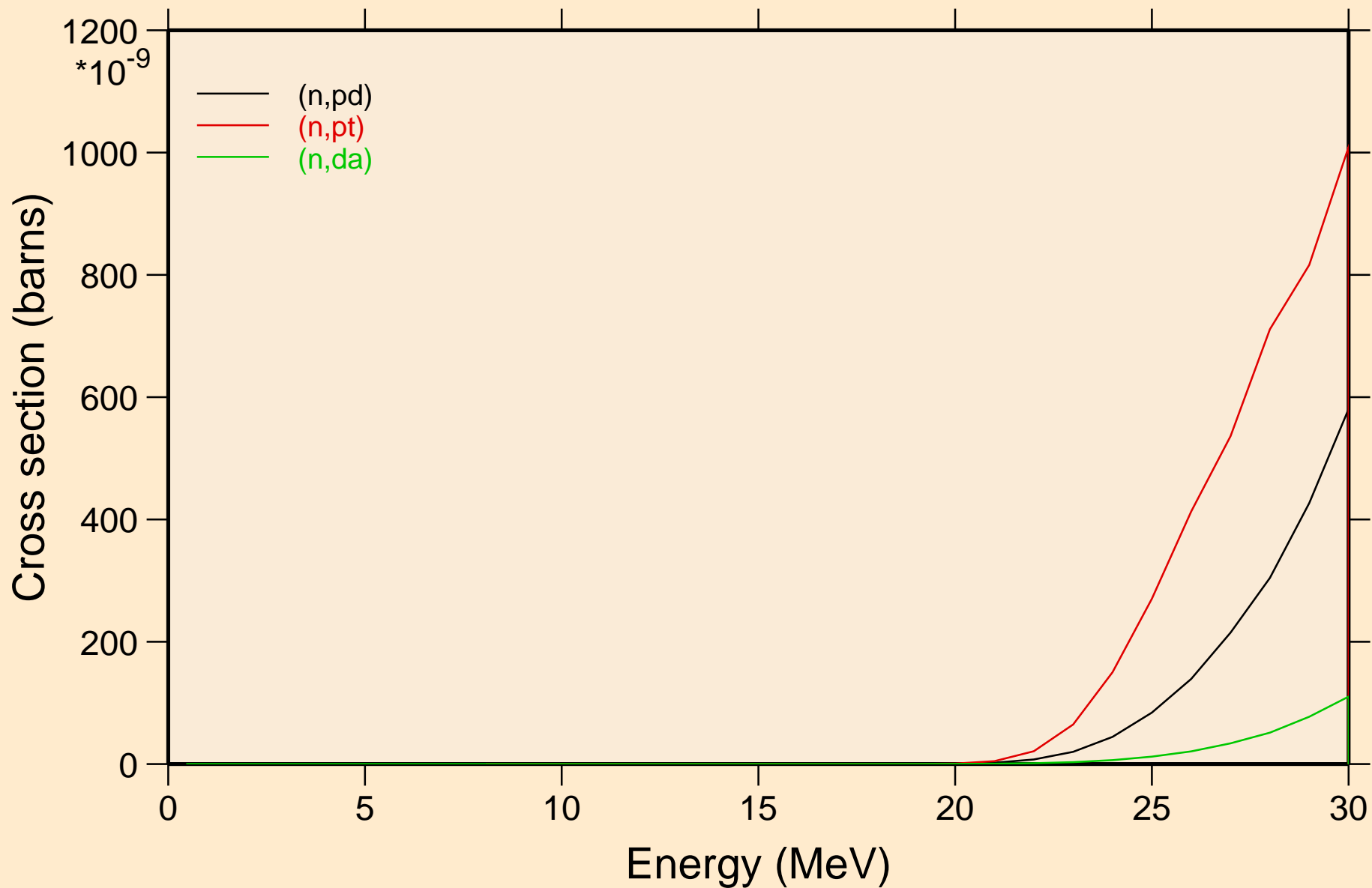
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



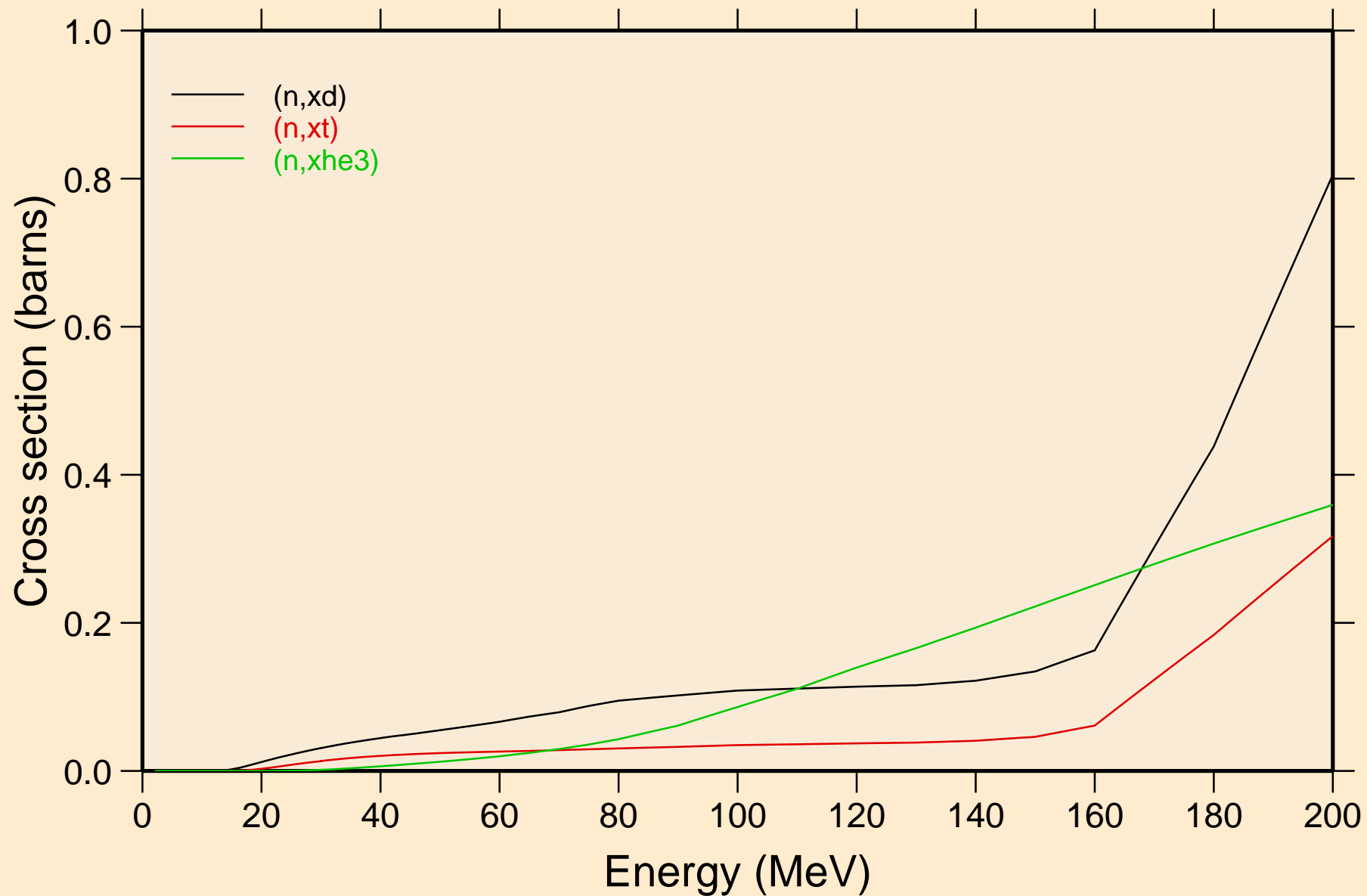
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



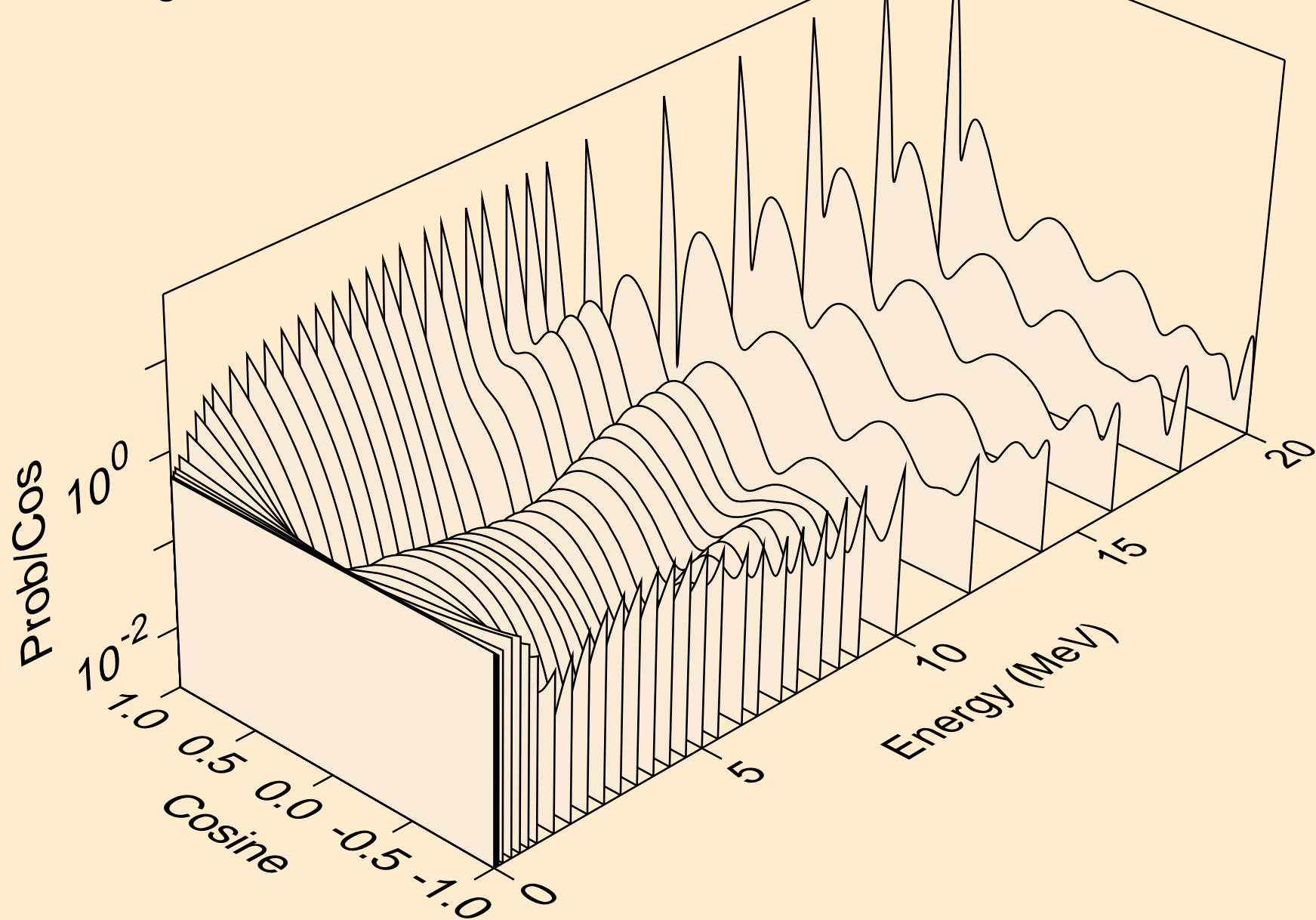
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



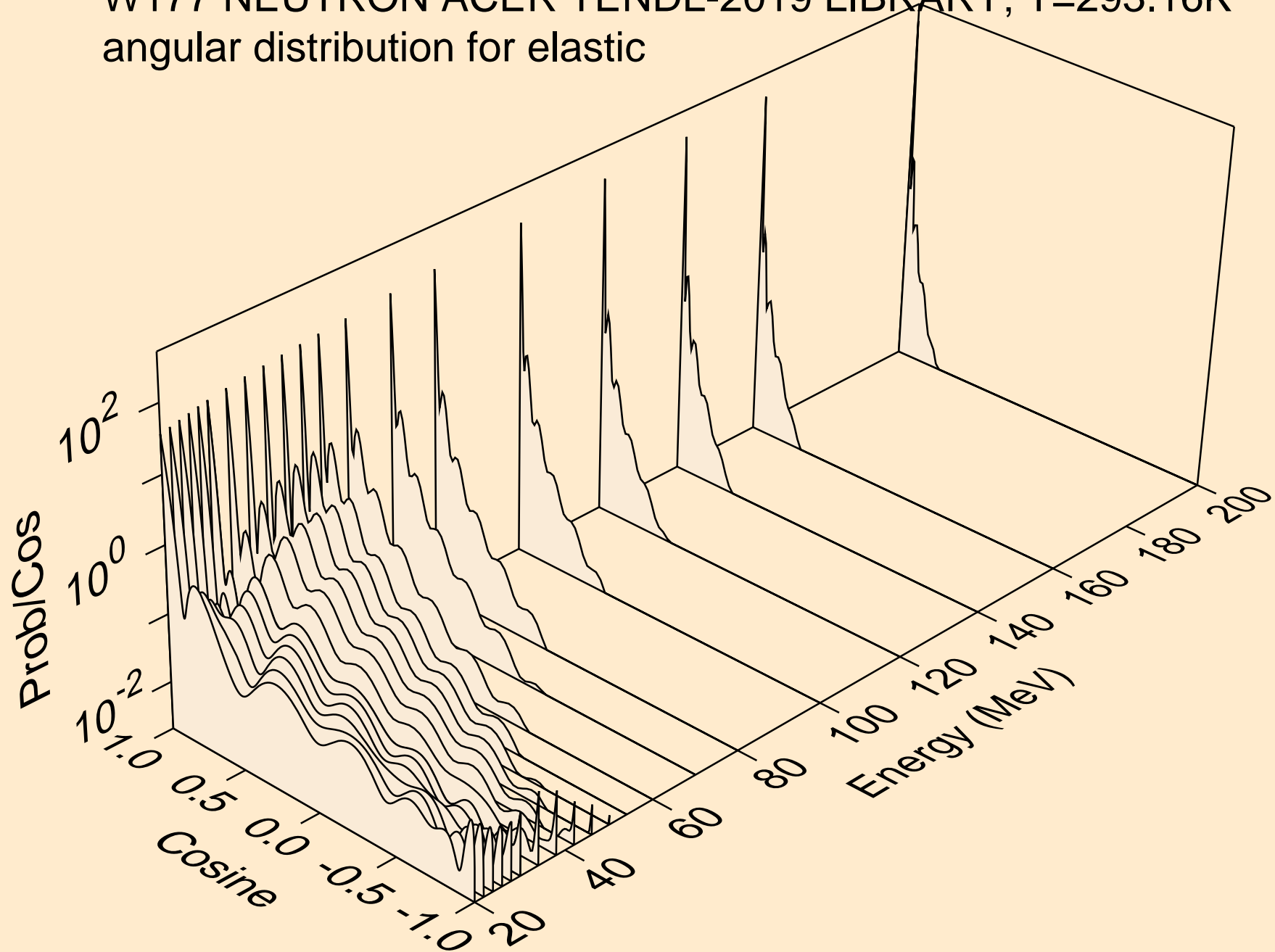
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



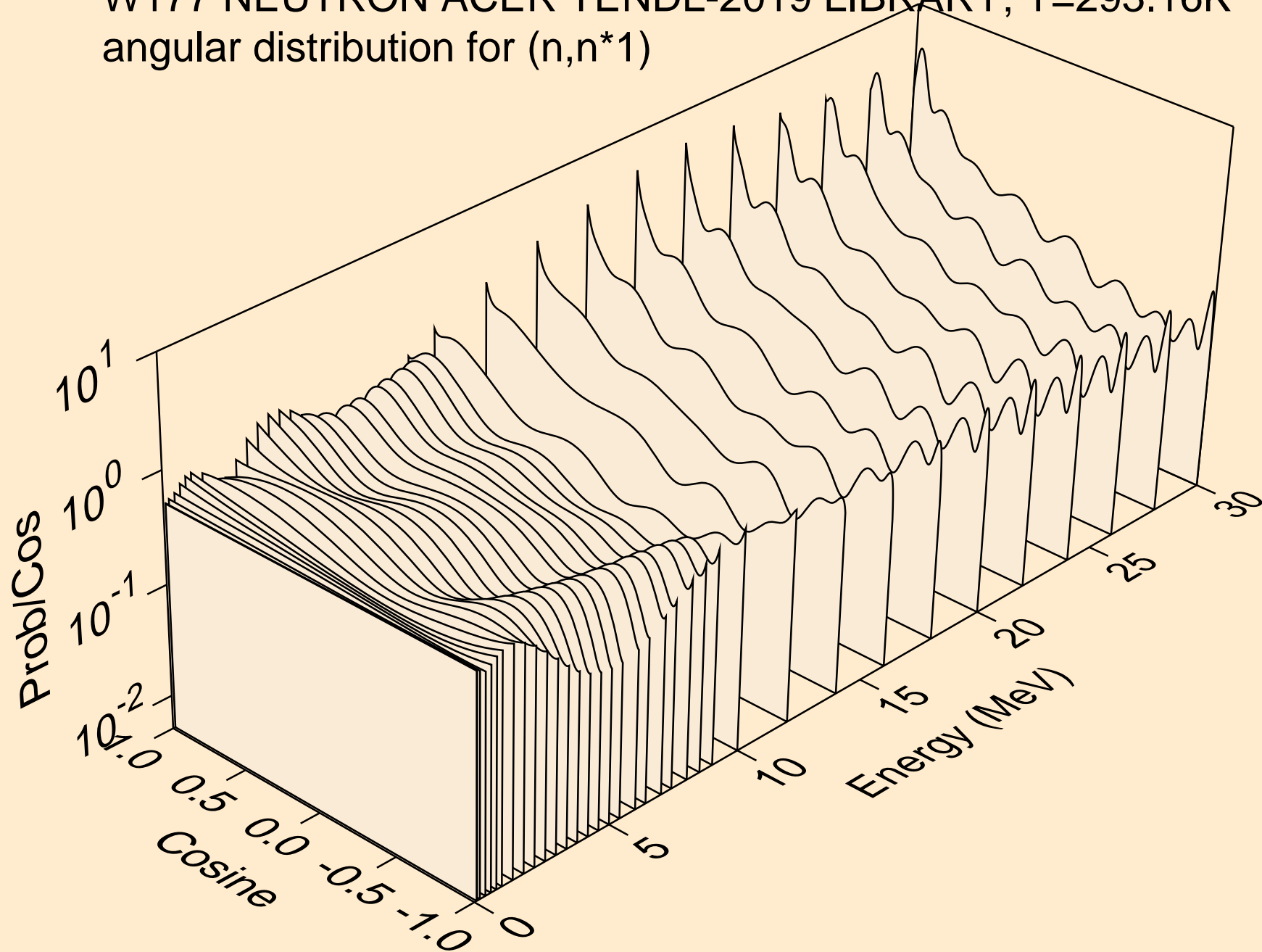
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



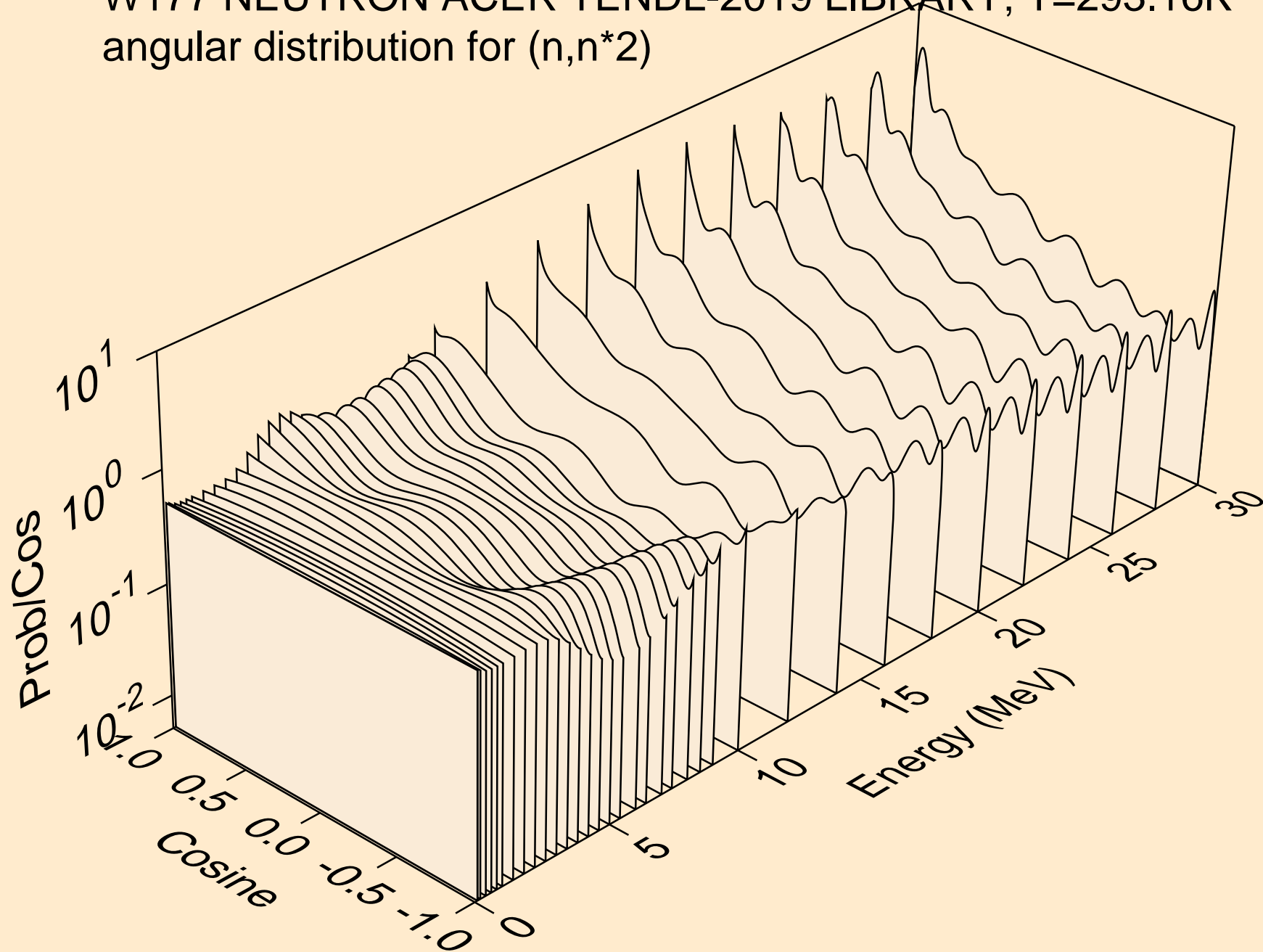
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



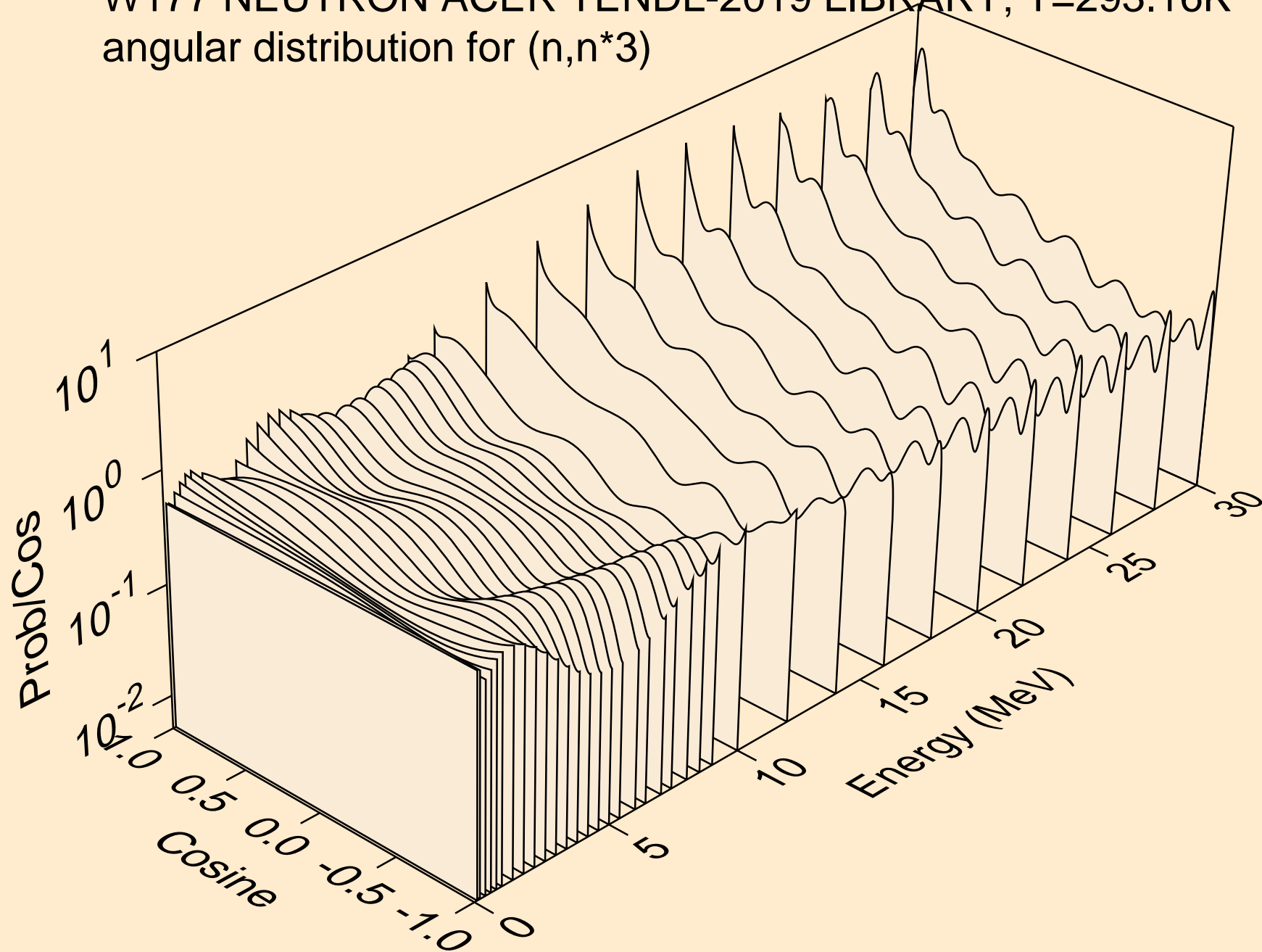
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



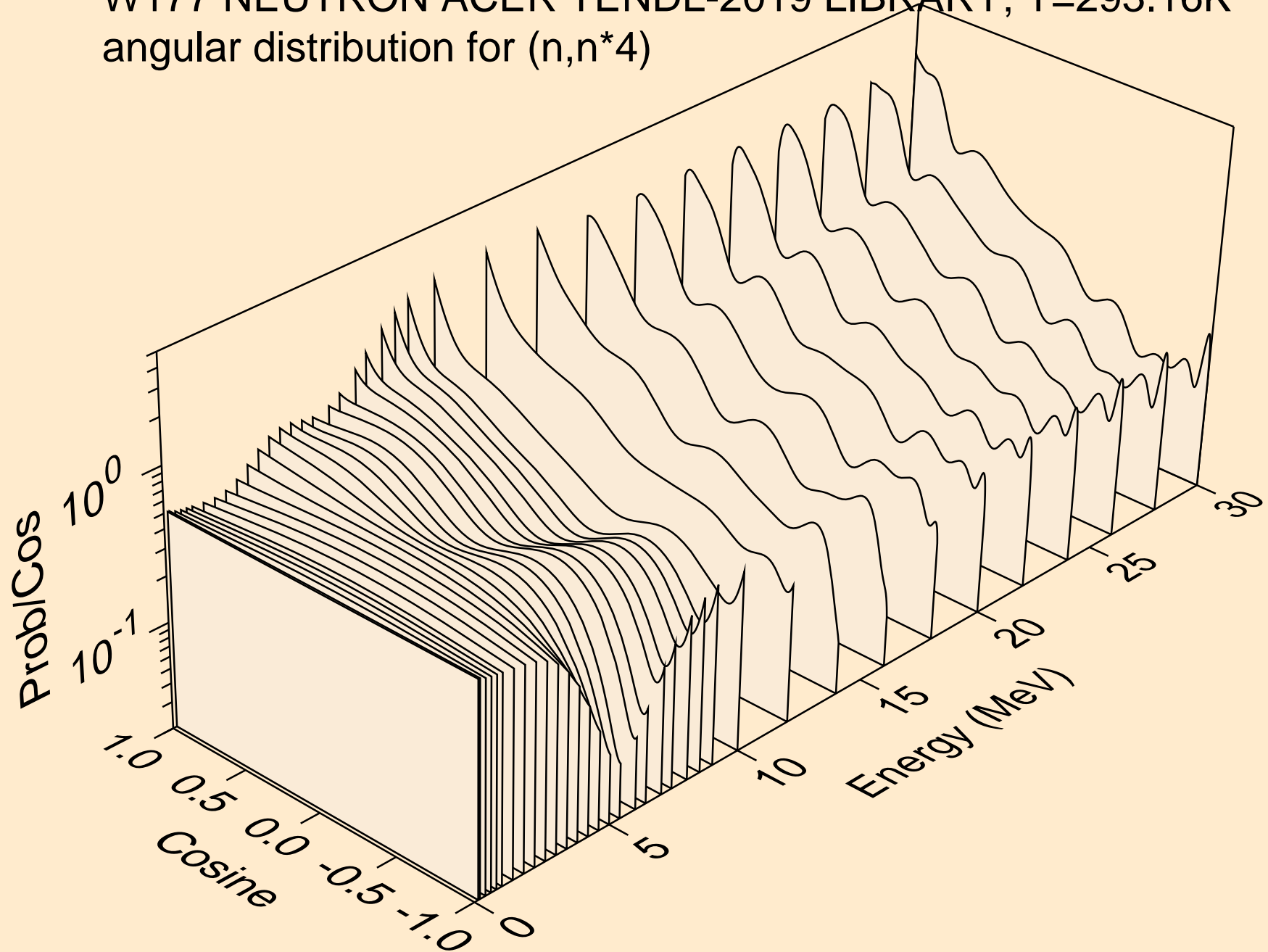
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



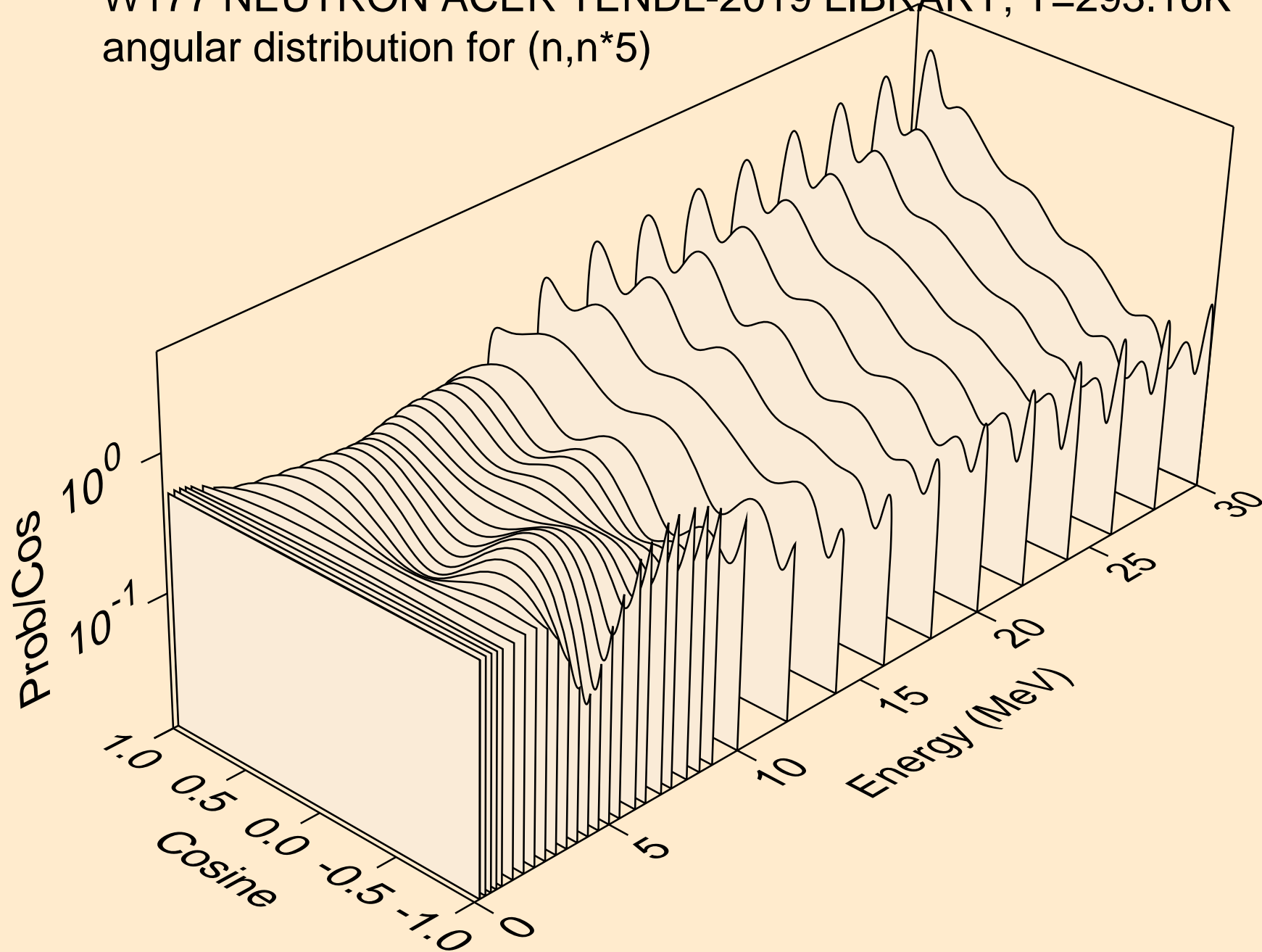
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



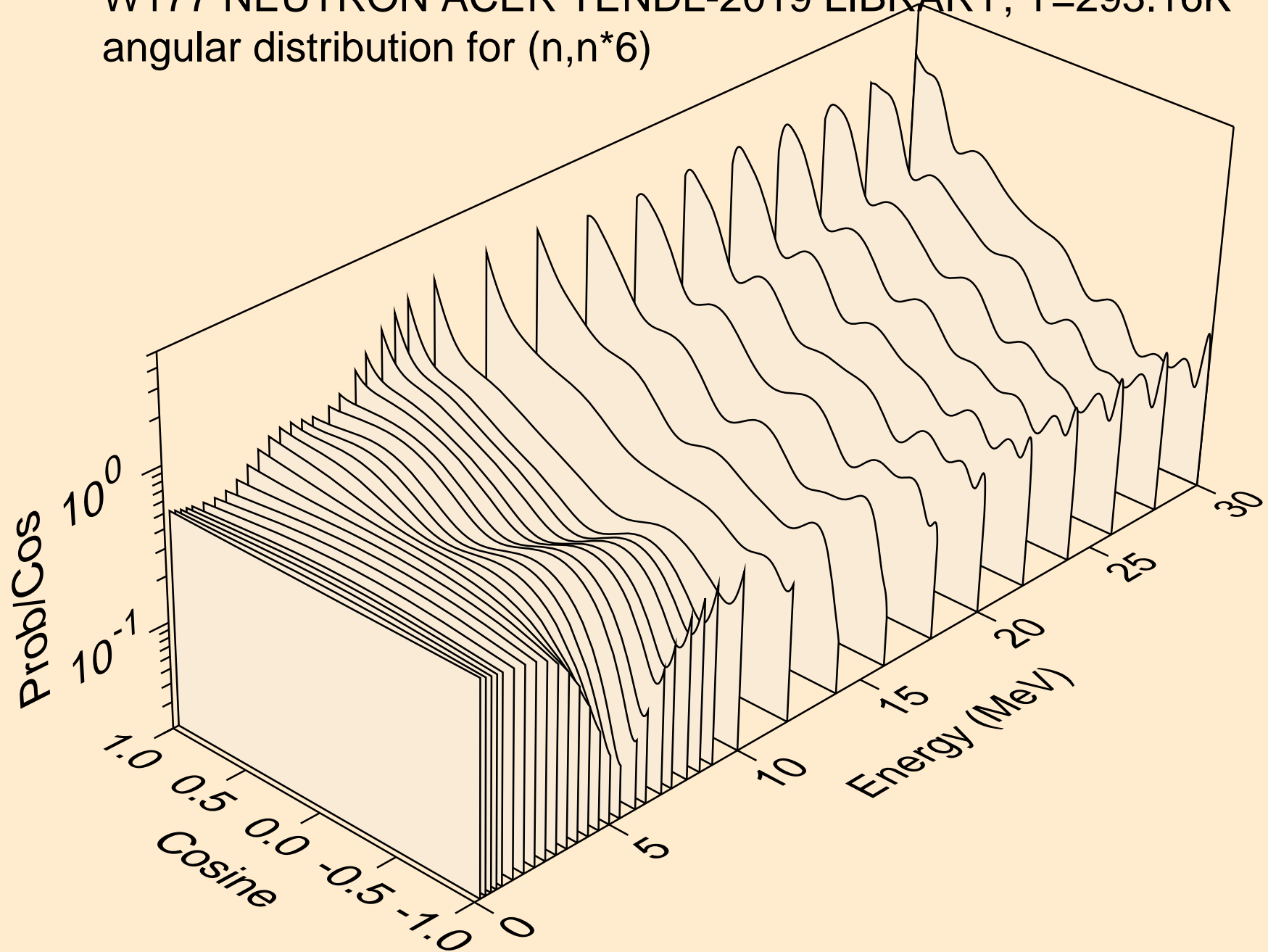
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angular distribution for (n,n*4)



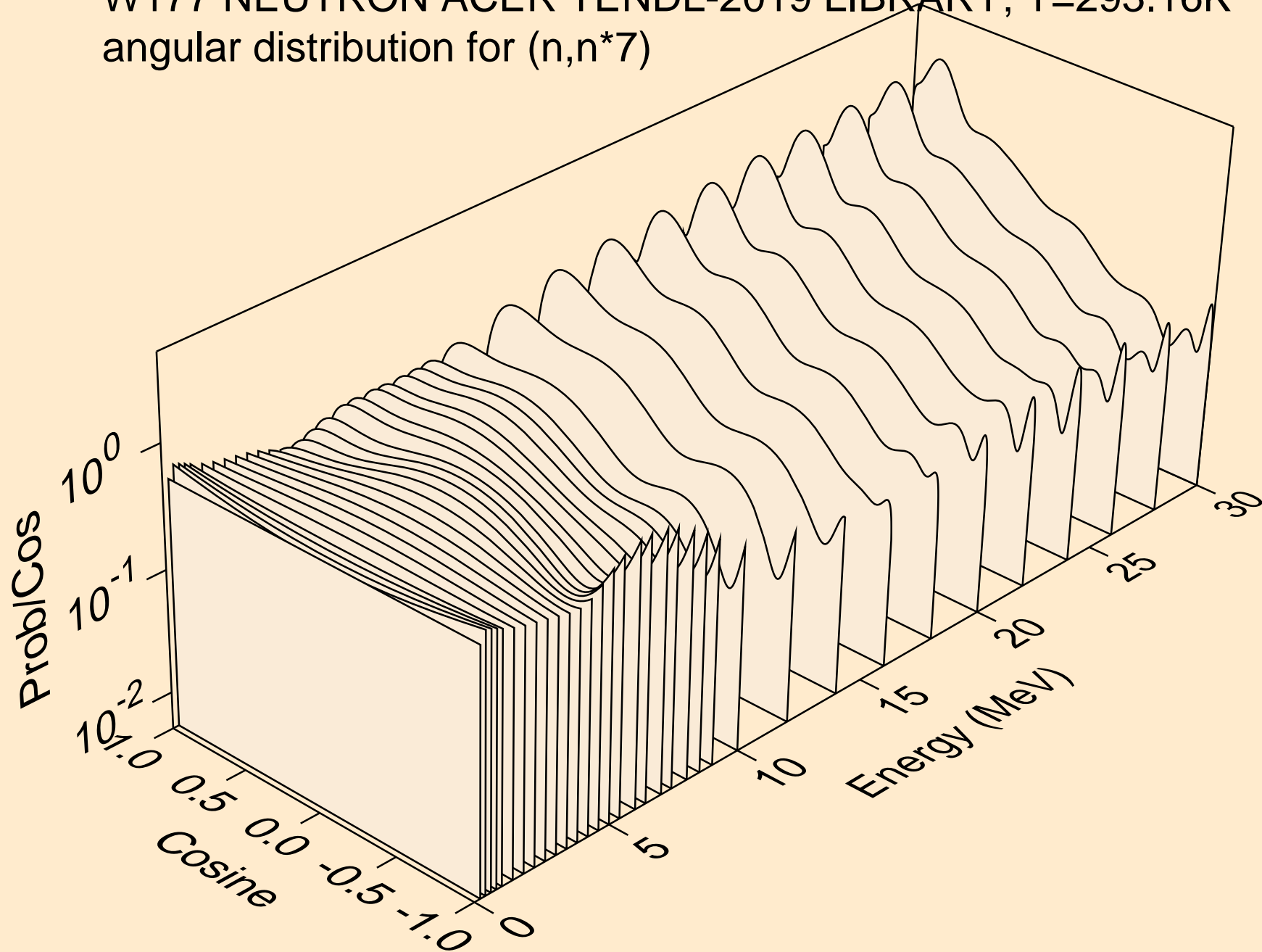
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



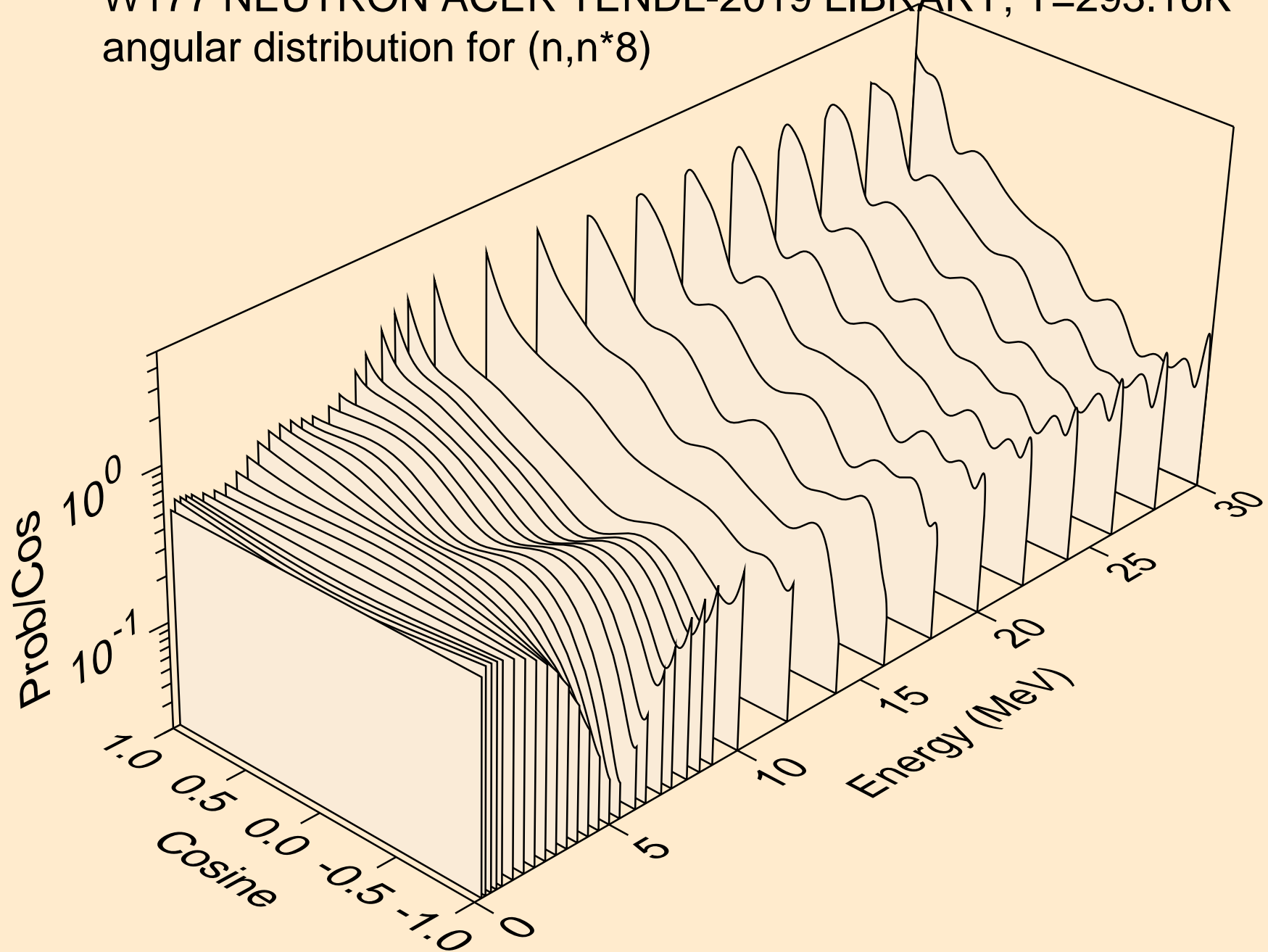
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angular distribution for (n,n*6)



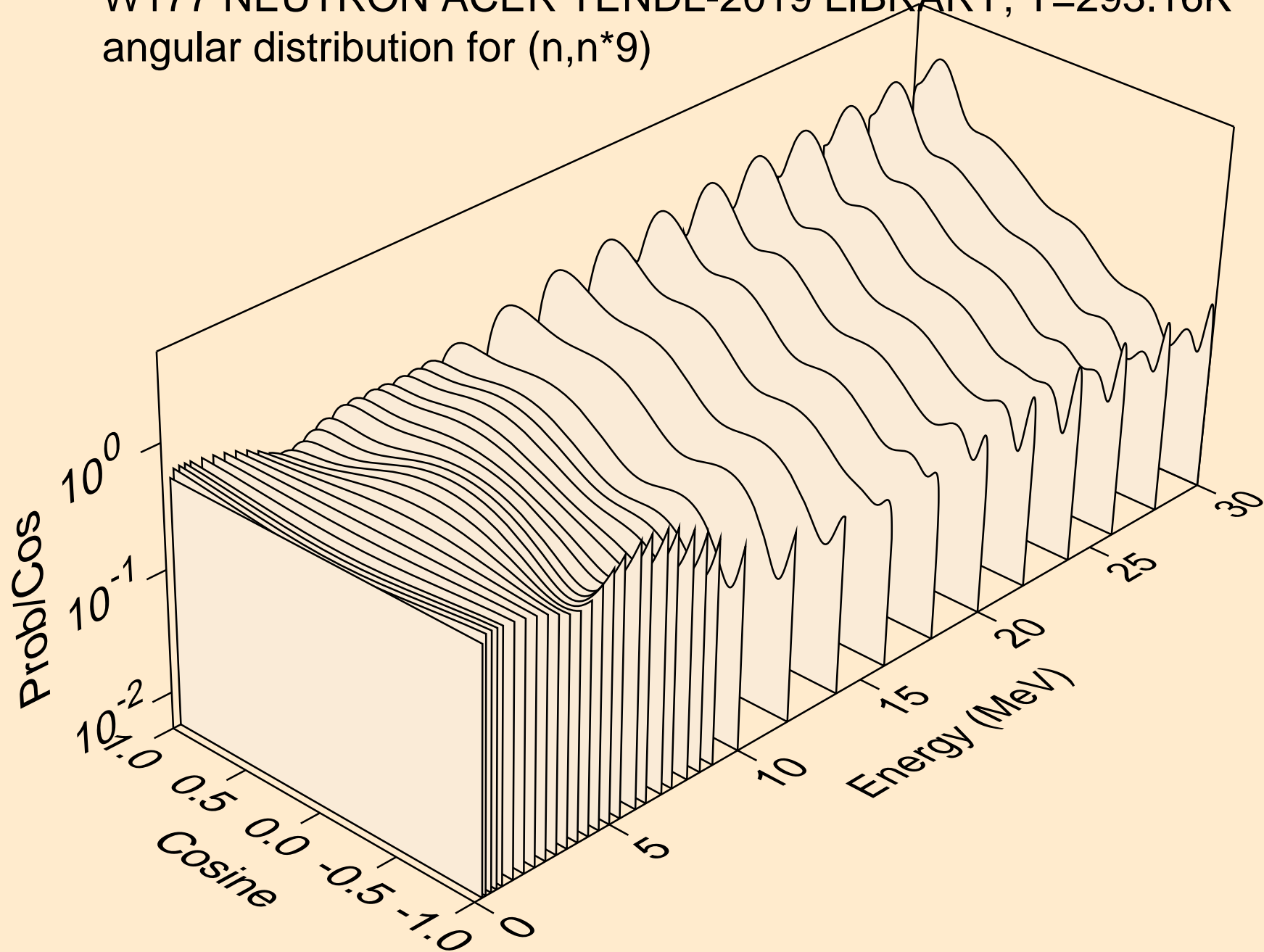
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angular distribution for (n,n*7)



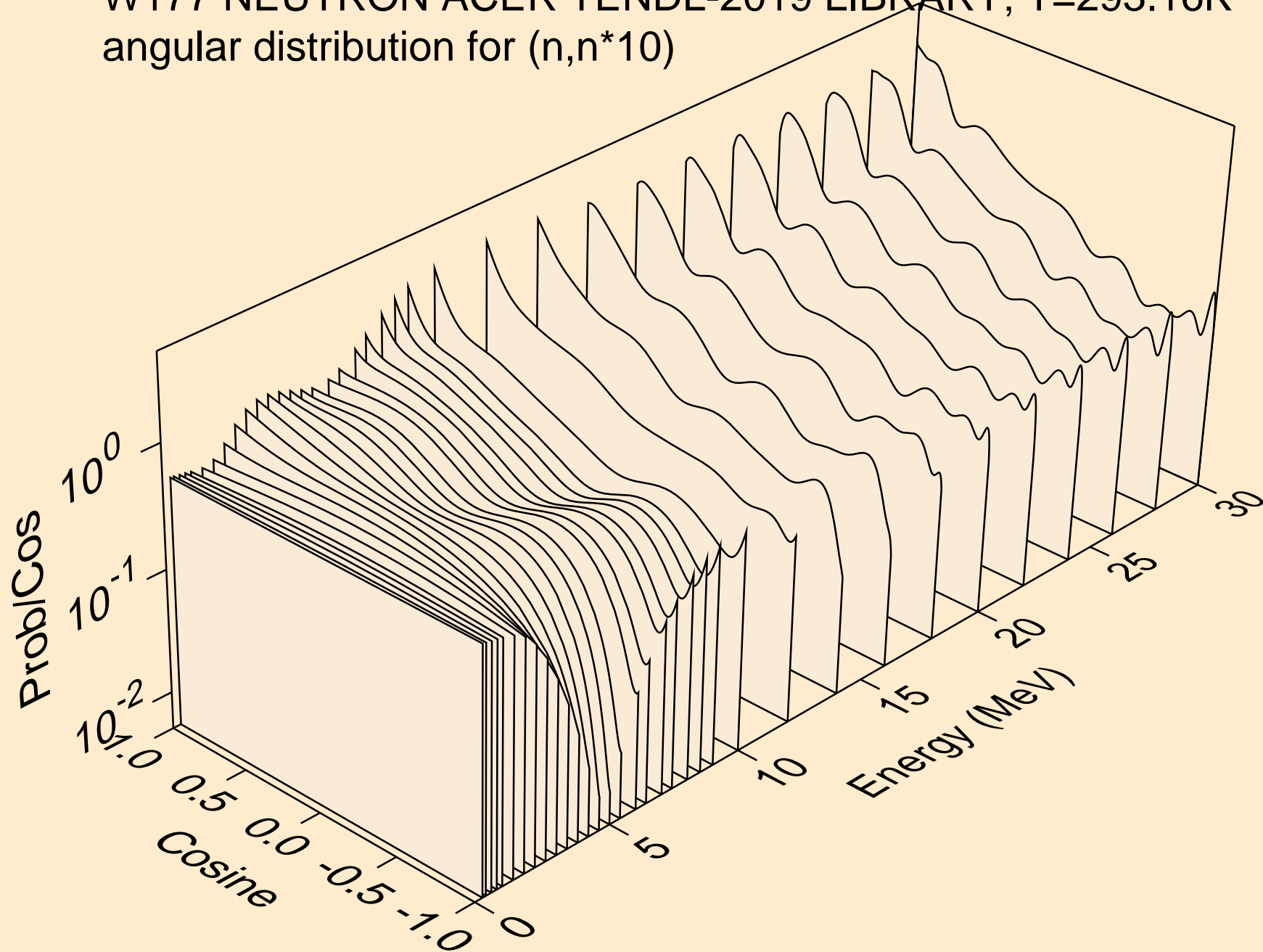
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angular distribution for (n,n*8)



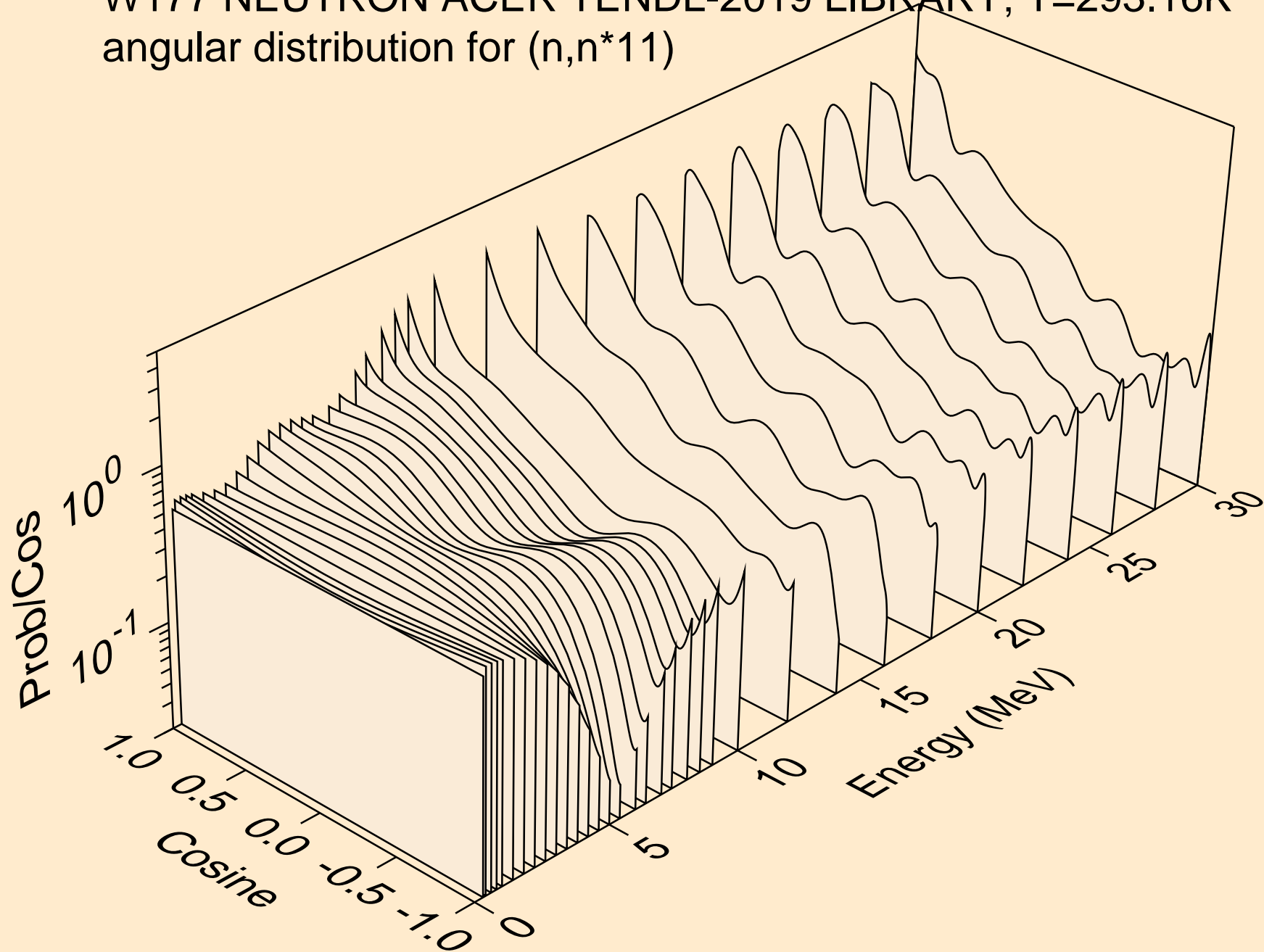
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angular distribution for (n,n*9)



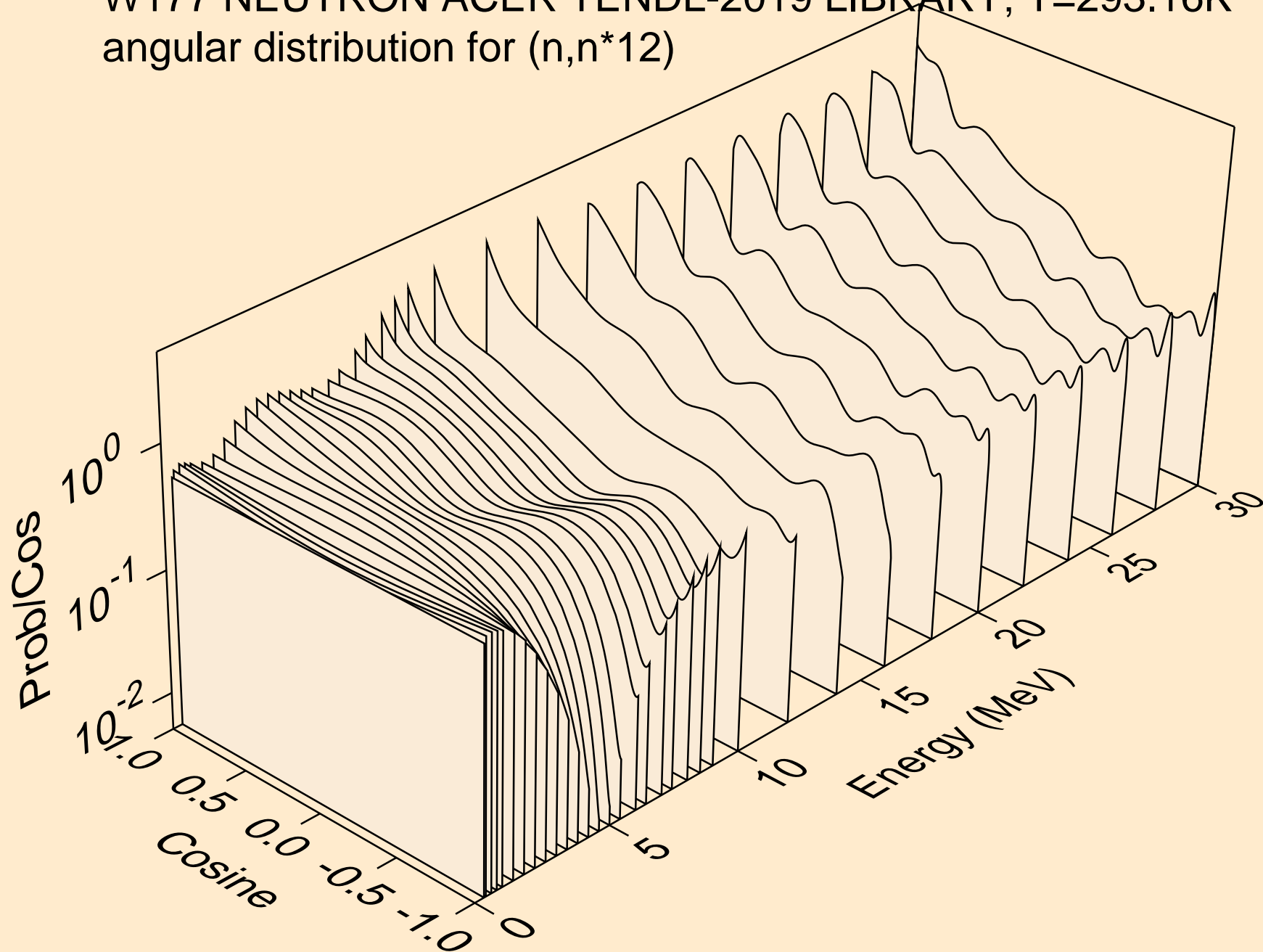
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angular distribution for (n,n*10)



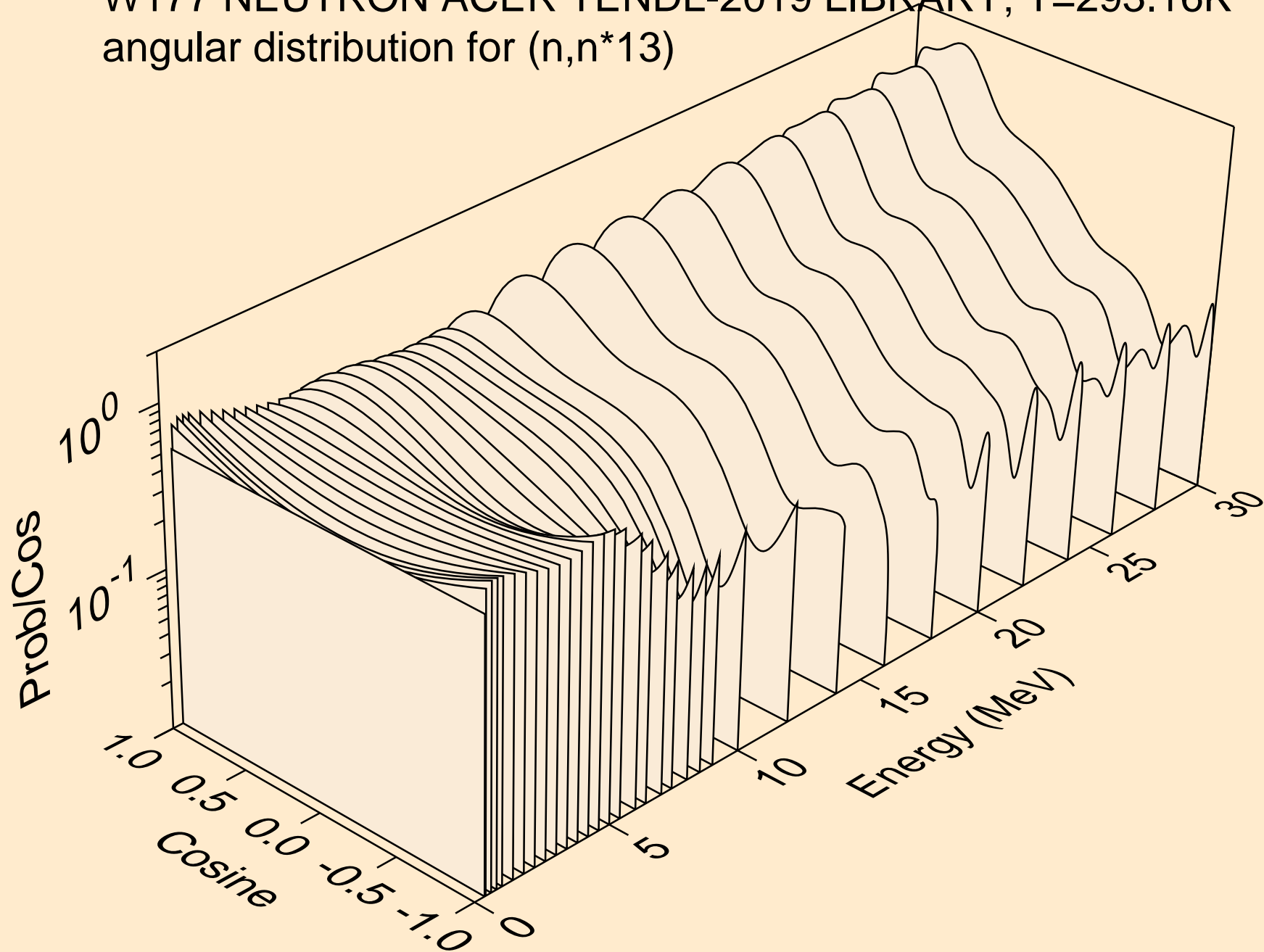
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angular distribution for (n,n*11)



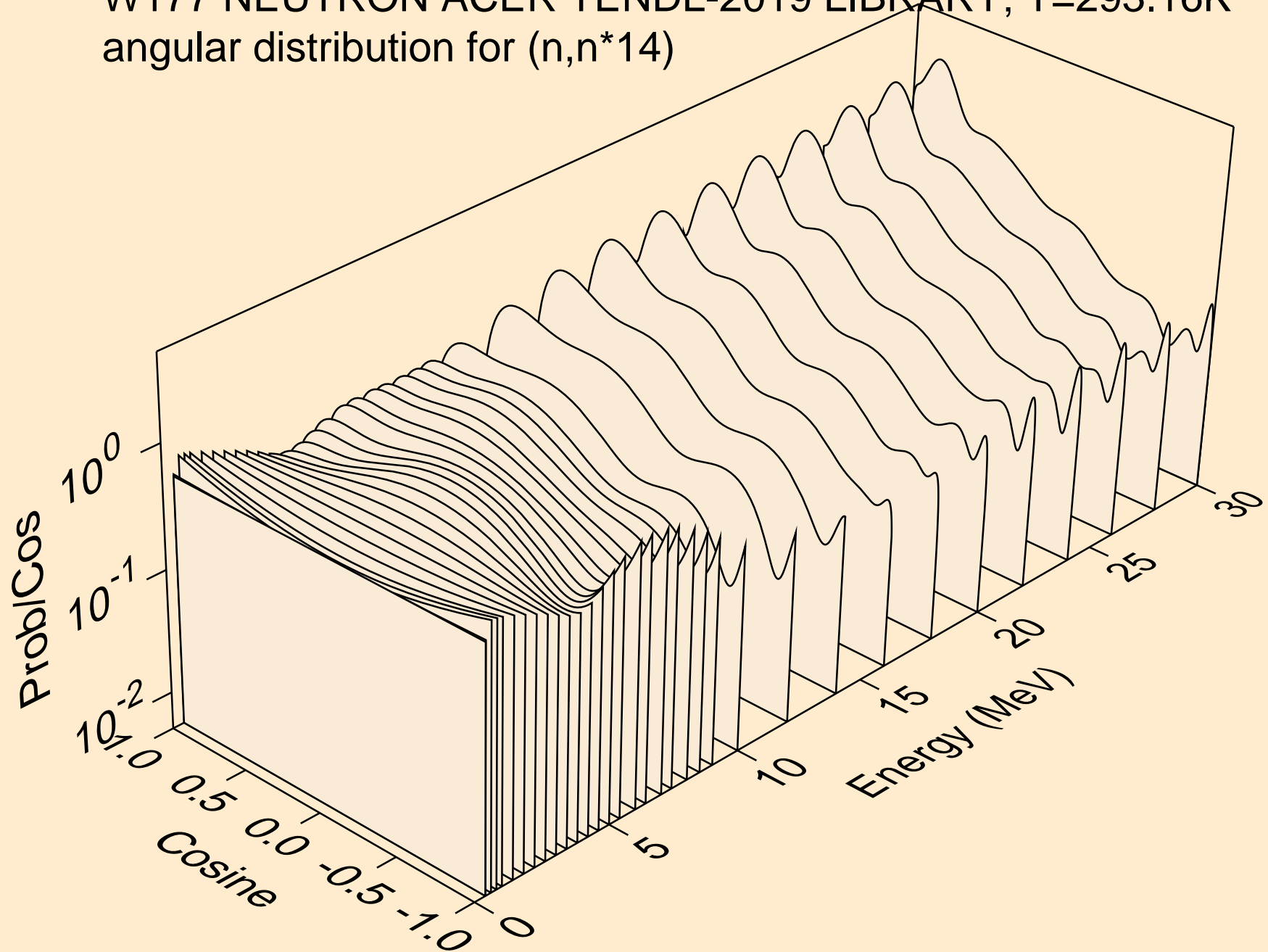
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angular distribution for (n,n*12)



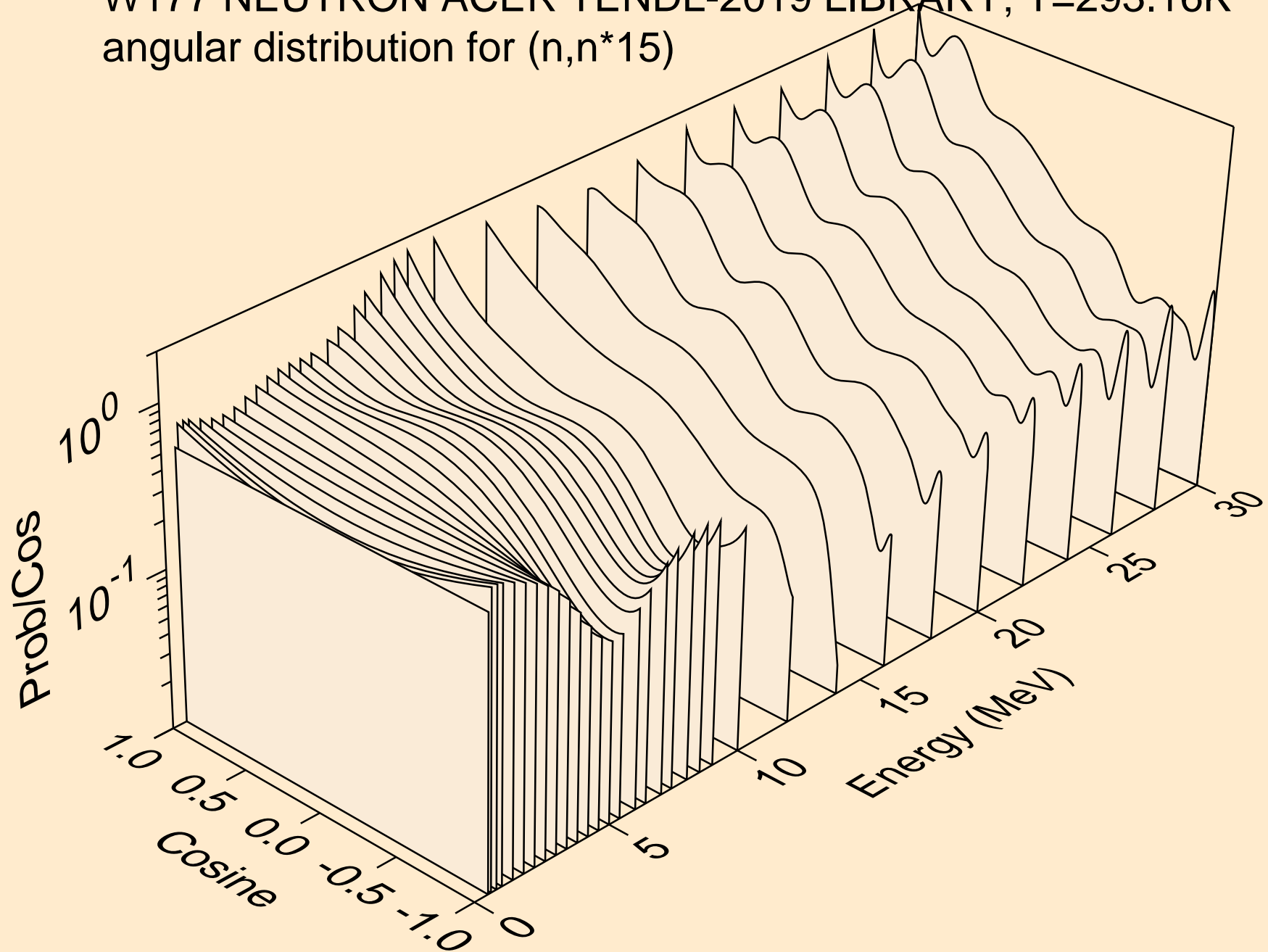
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angular distribution for (n,n*13)



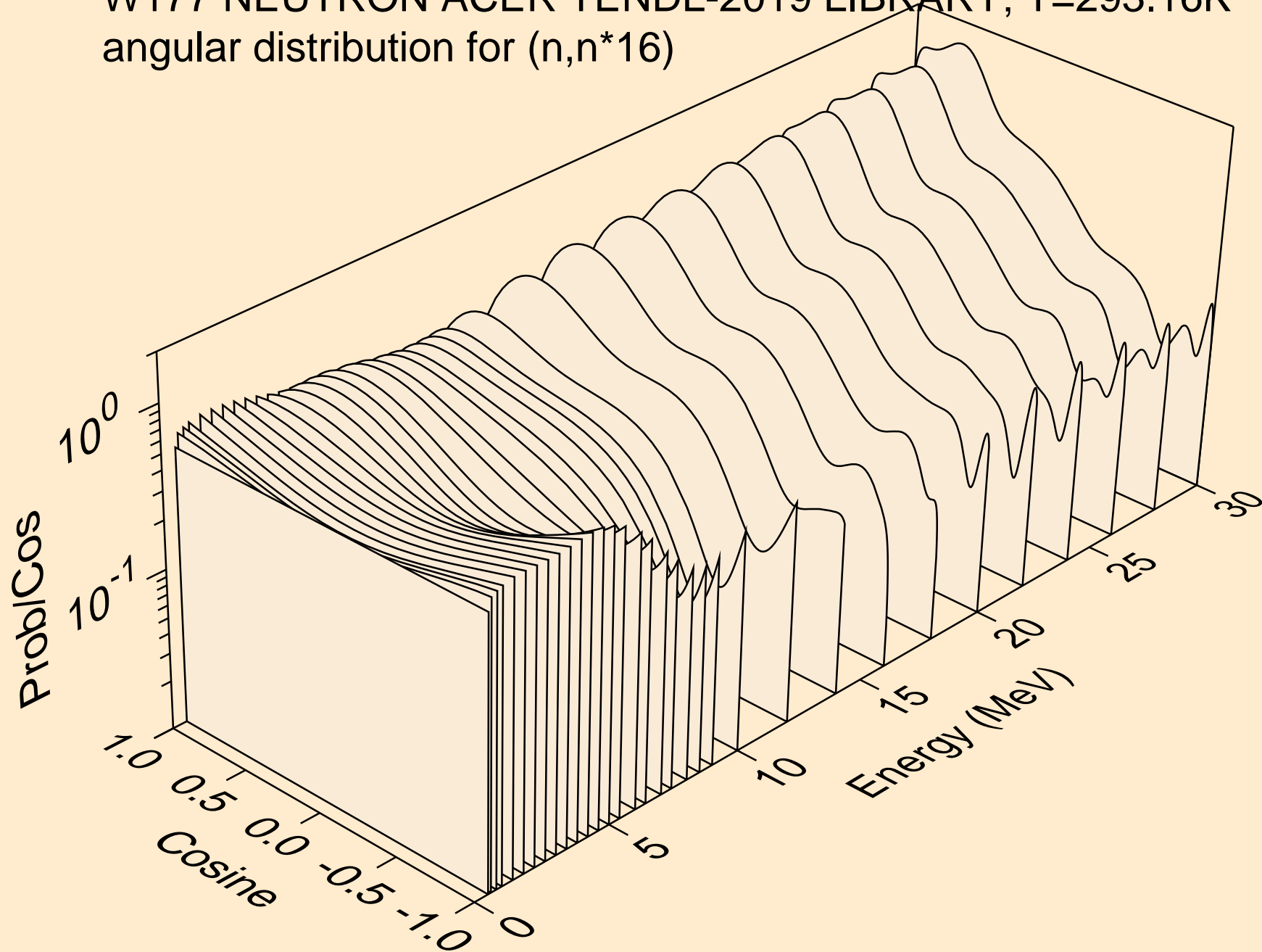
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angular distribution for (n,n*14)



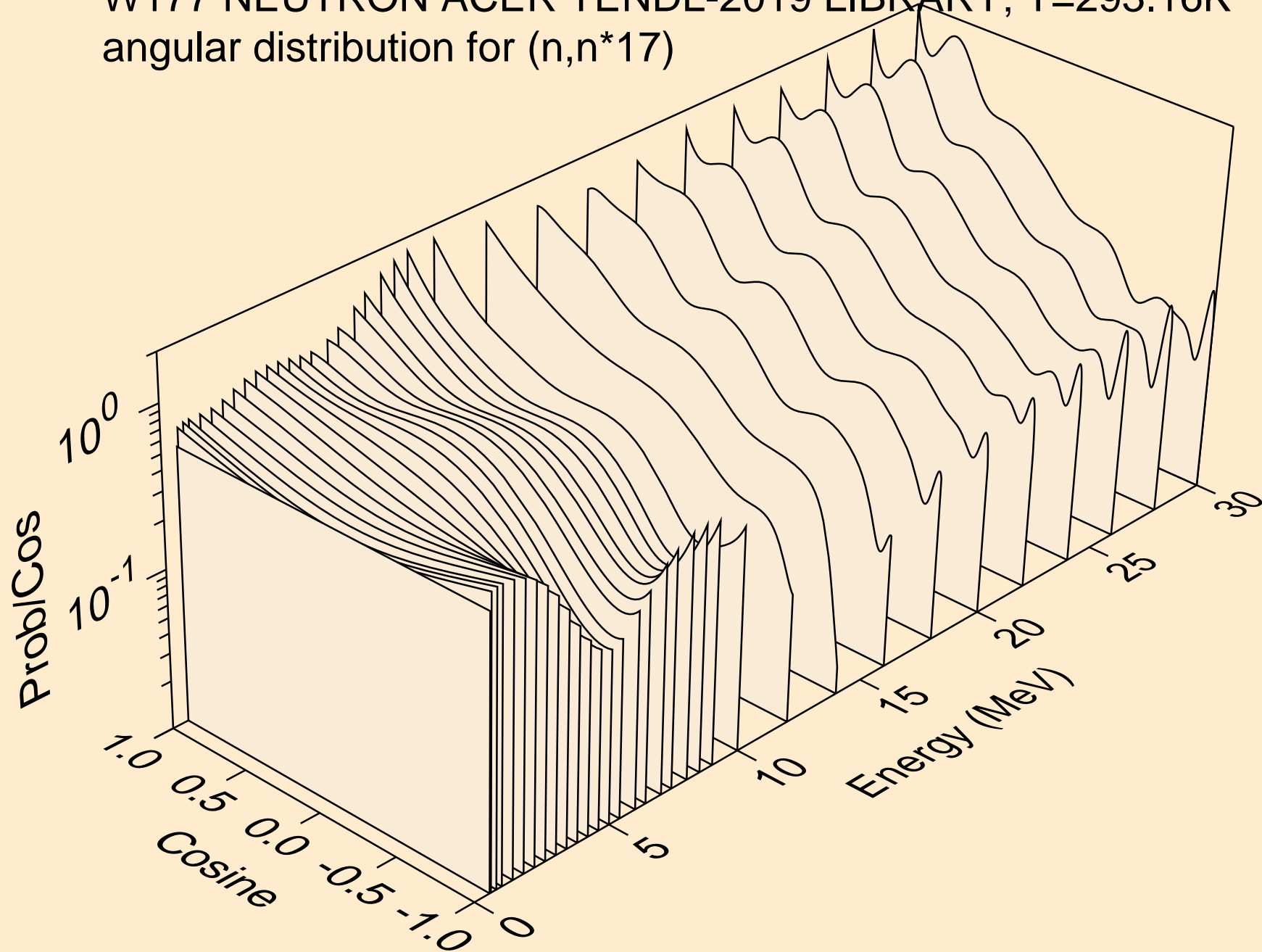
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angular distribution for (n,n*15)



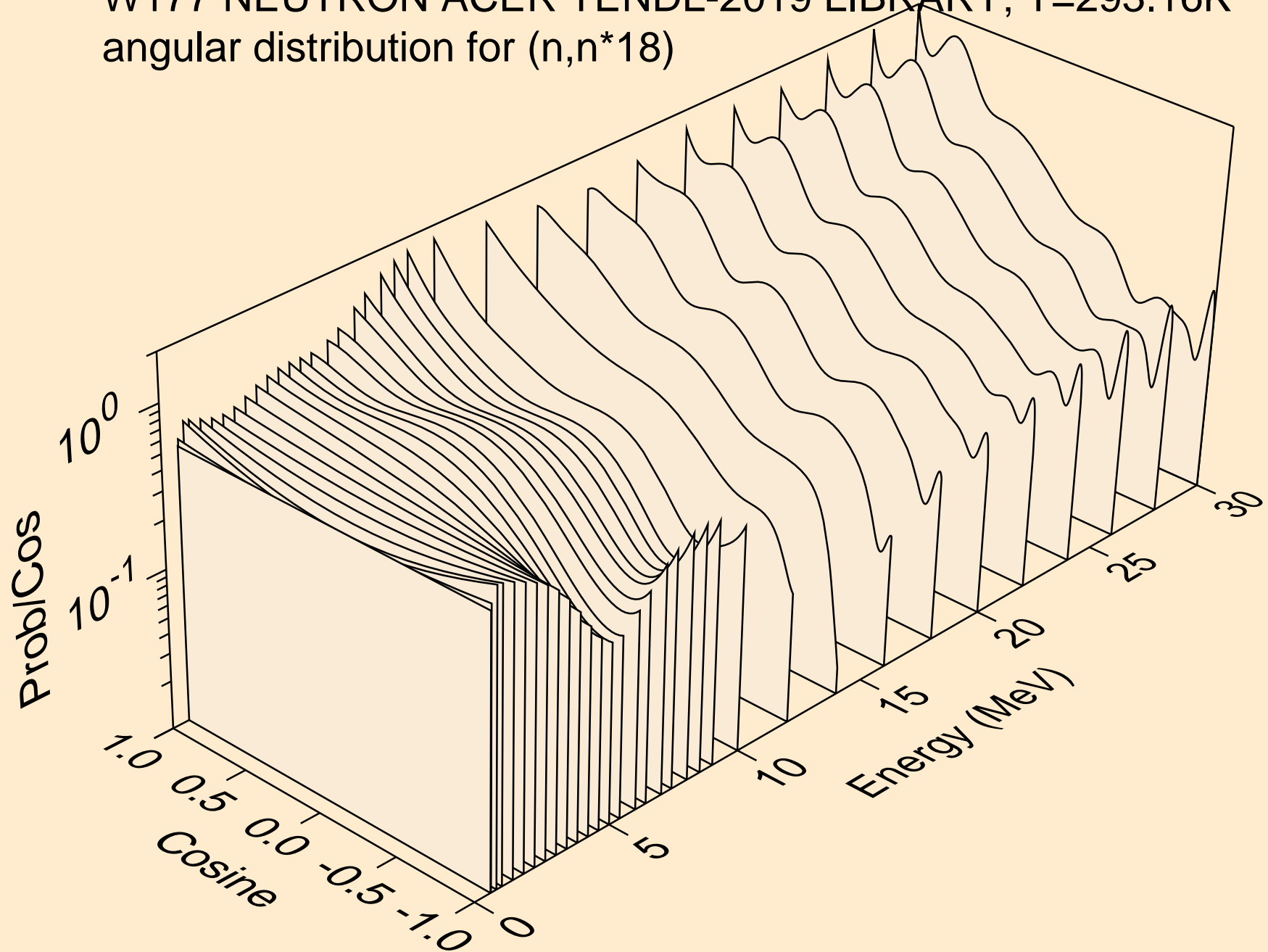
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angular distribution for (n,n*16)



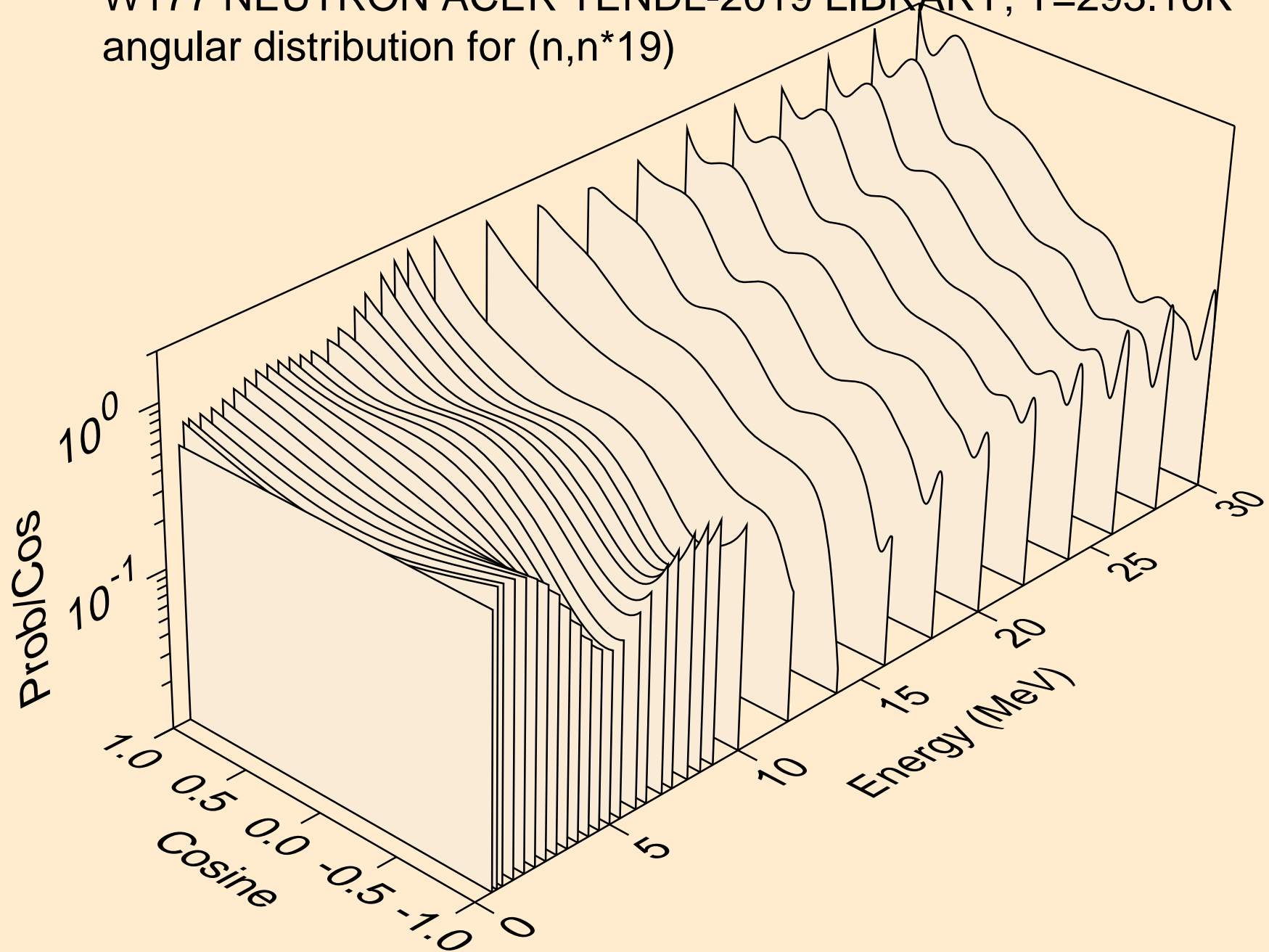
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angular distribution for (n,n*17)



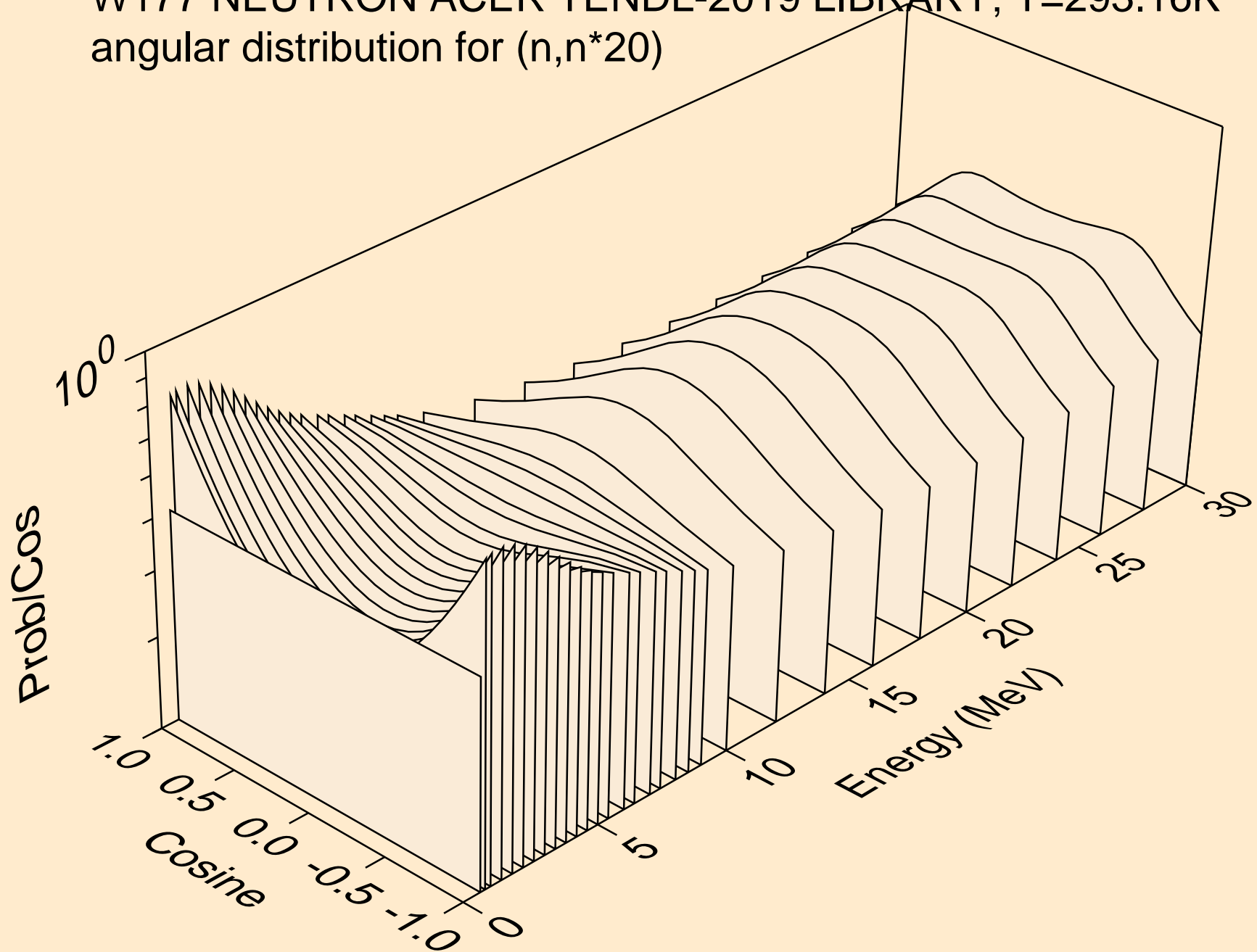
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angular distribution for (n,n*18)



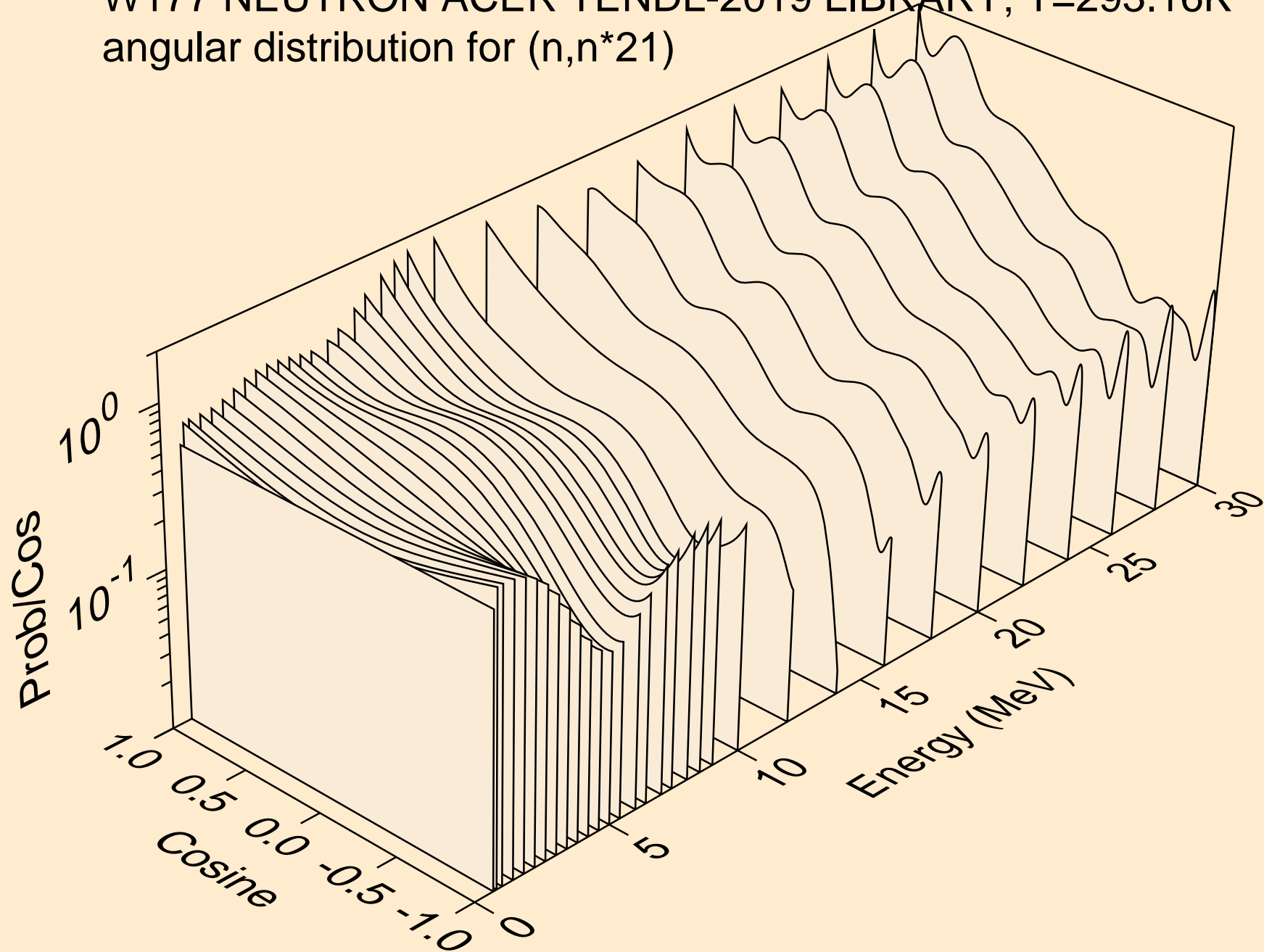
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angular distribution for (n,n*19)



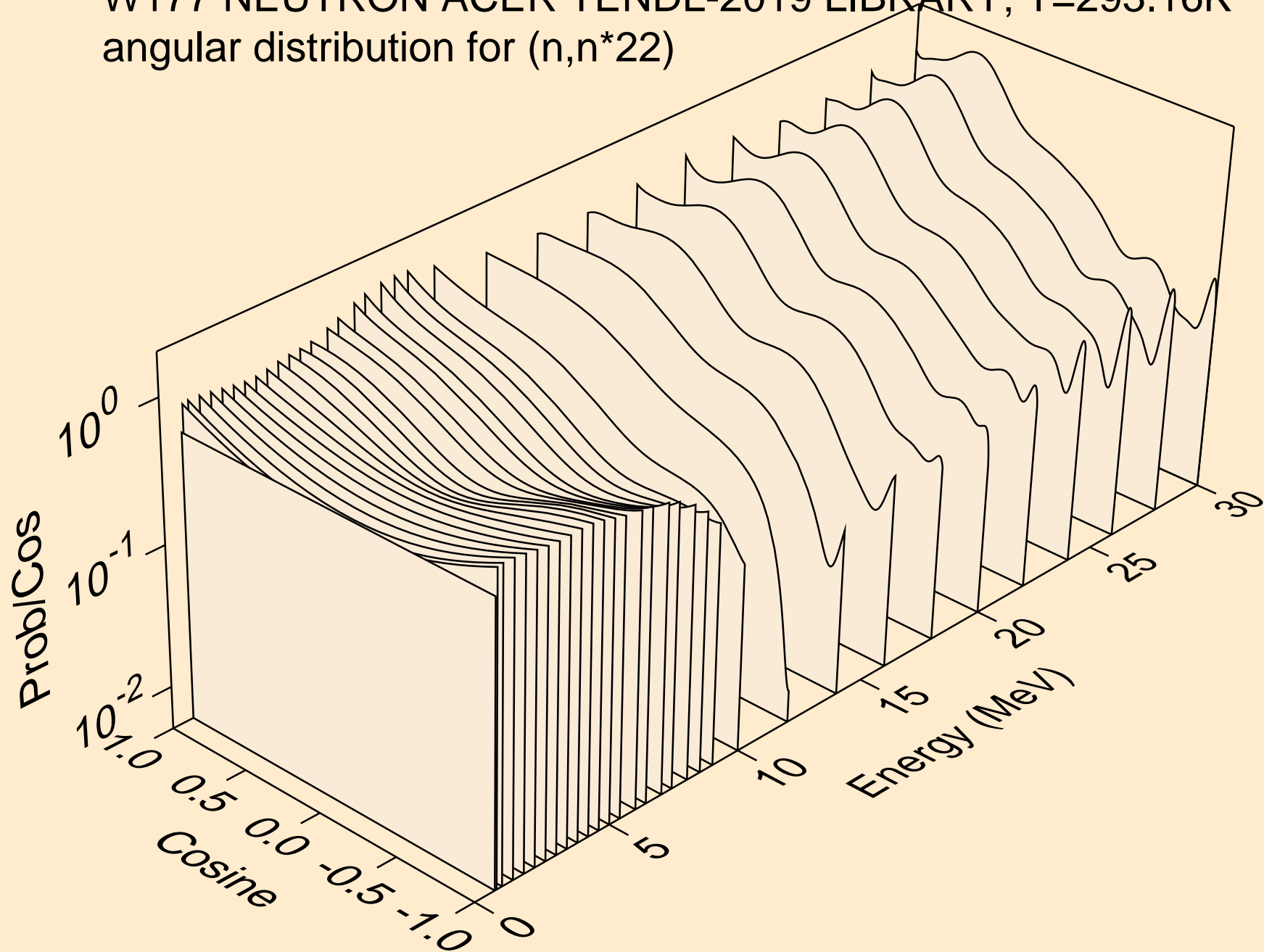
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angular distribution for (n,n*20)



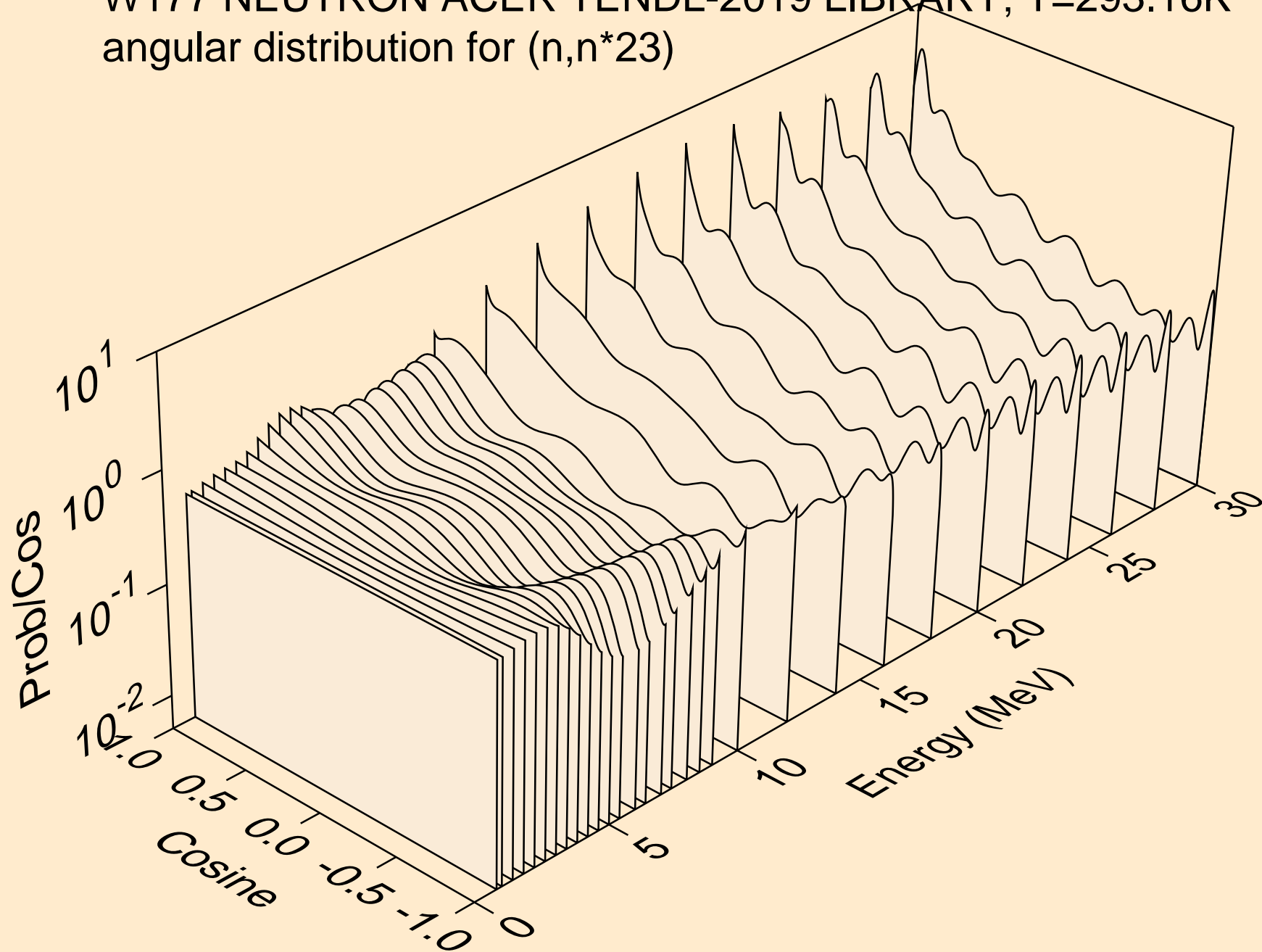
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angular distribution for (n,n*21)



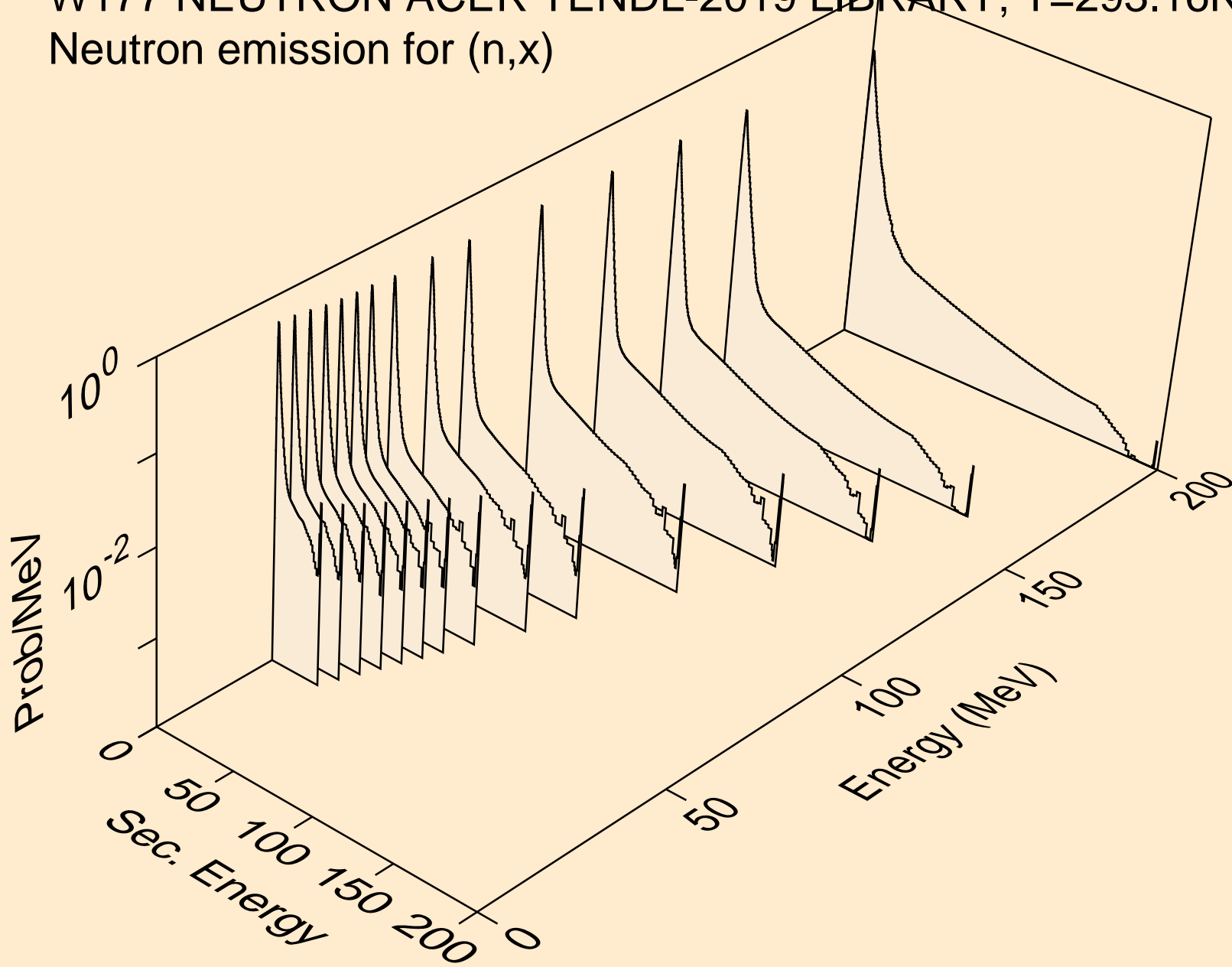
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angular distribution for (n,n*22)



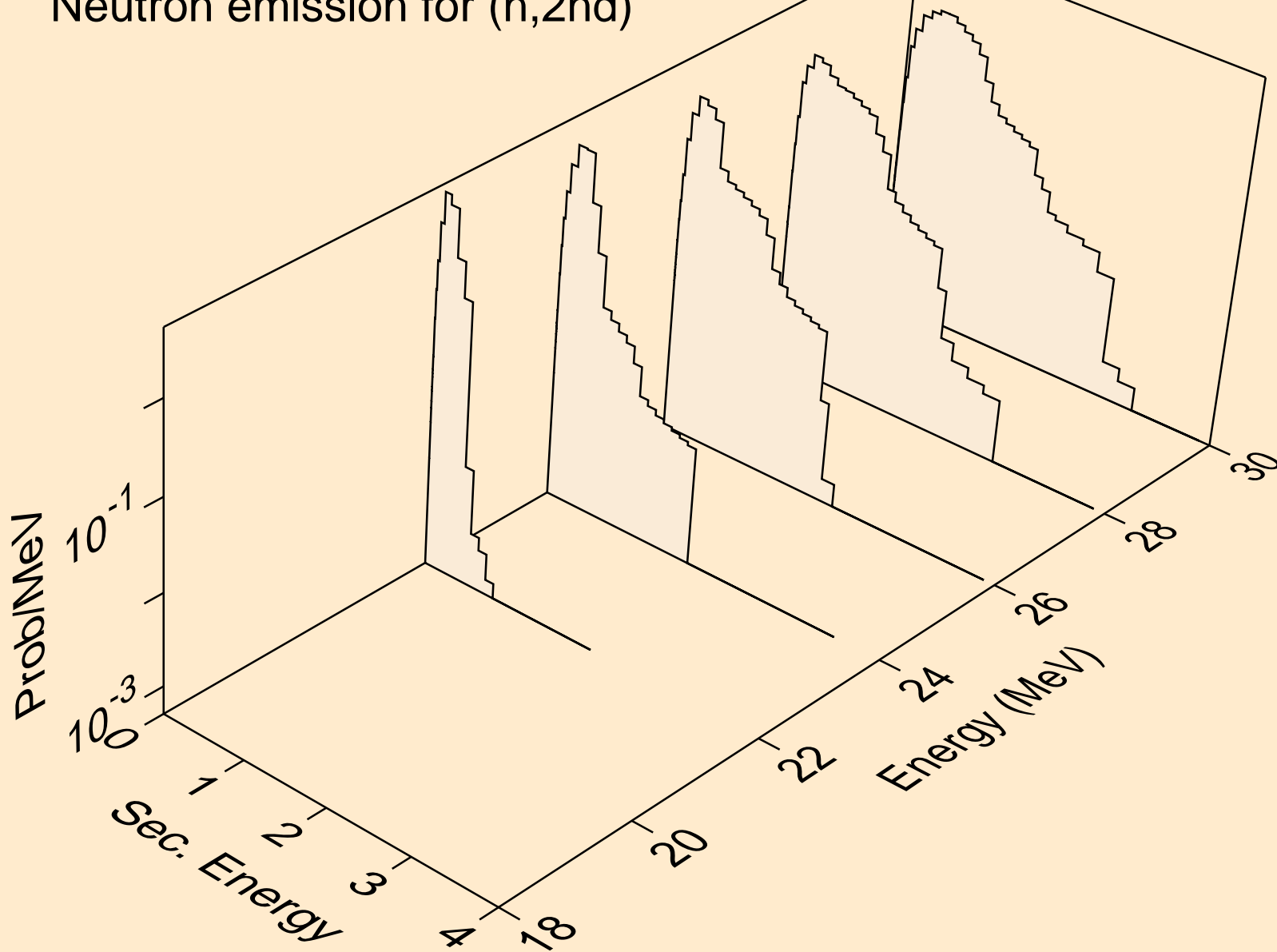
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angular distribution for (n,n*23)



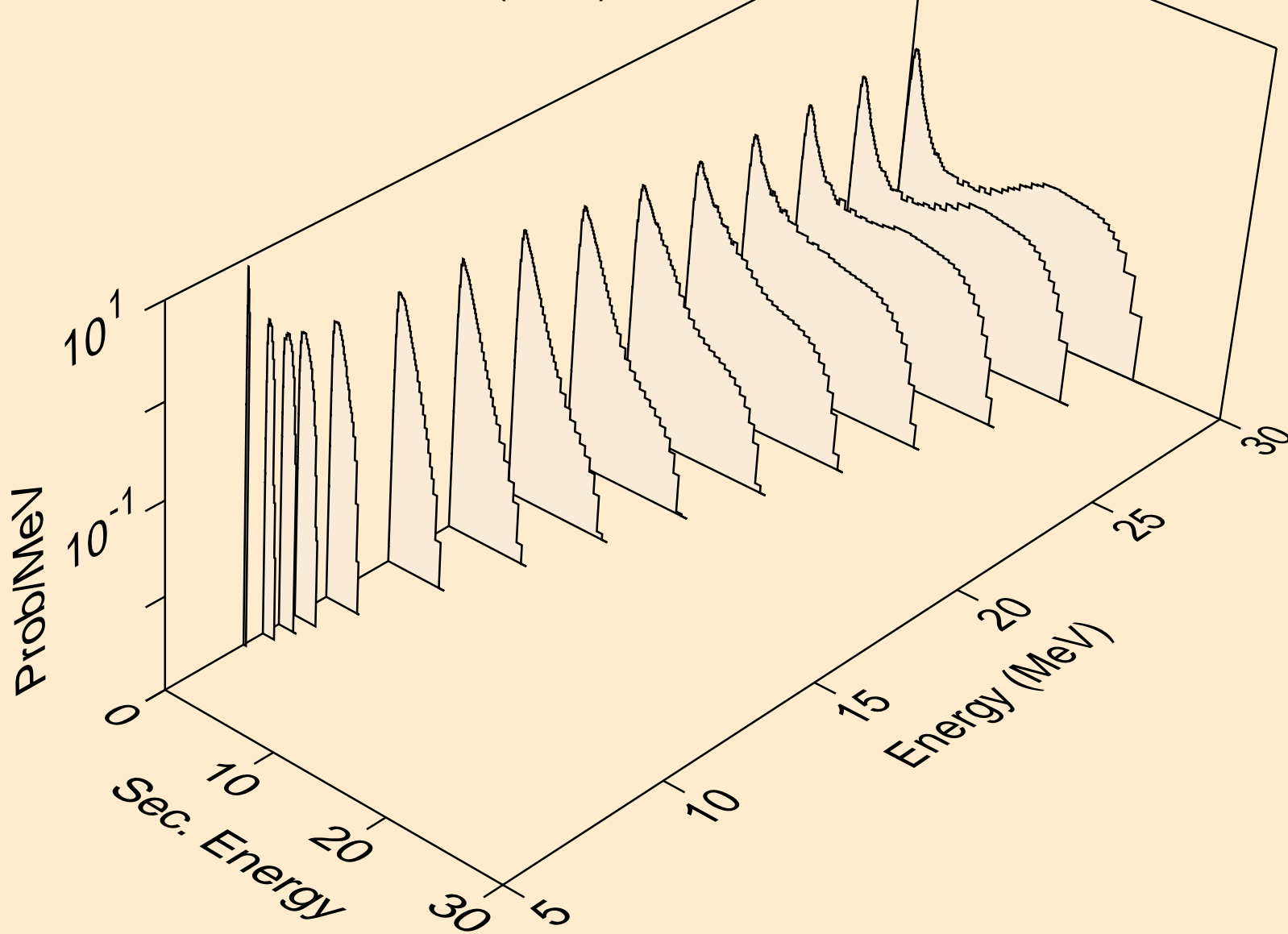
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



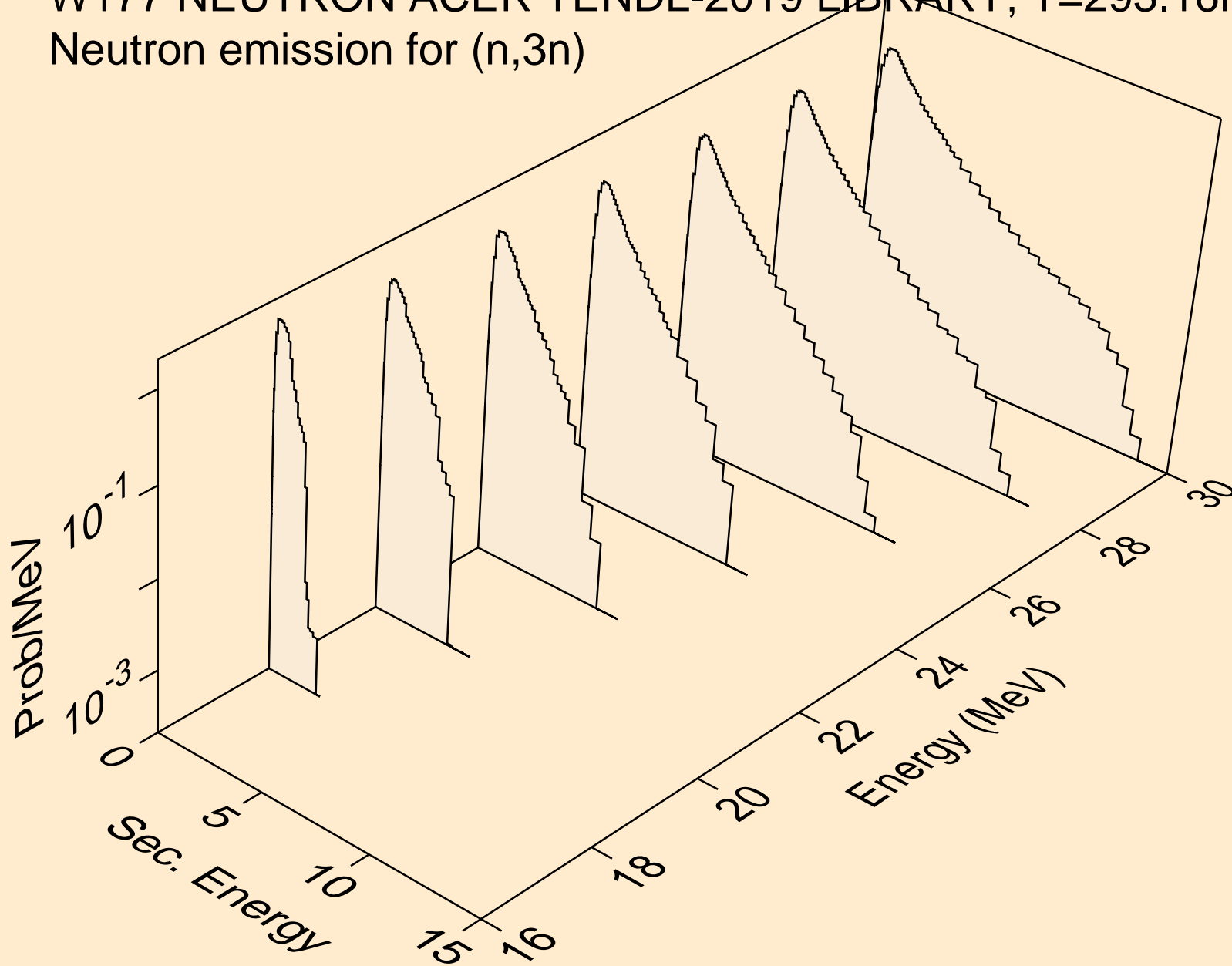
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



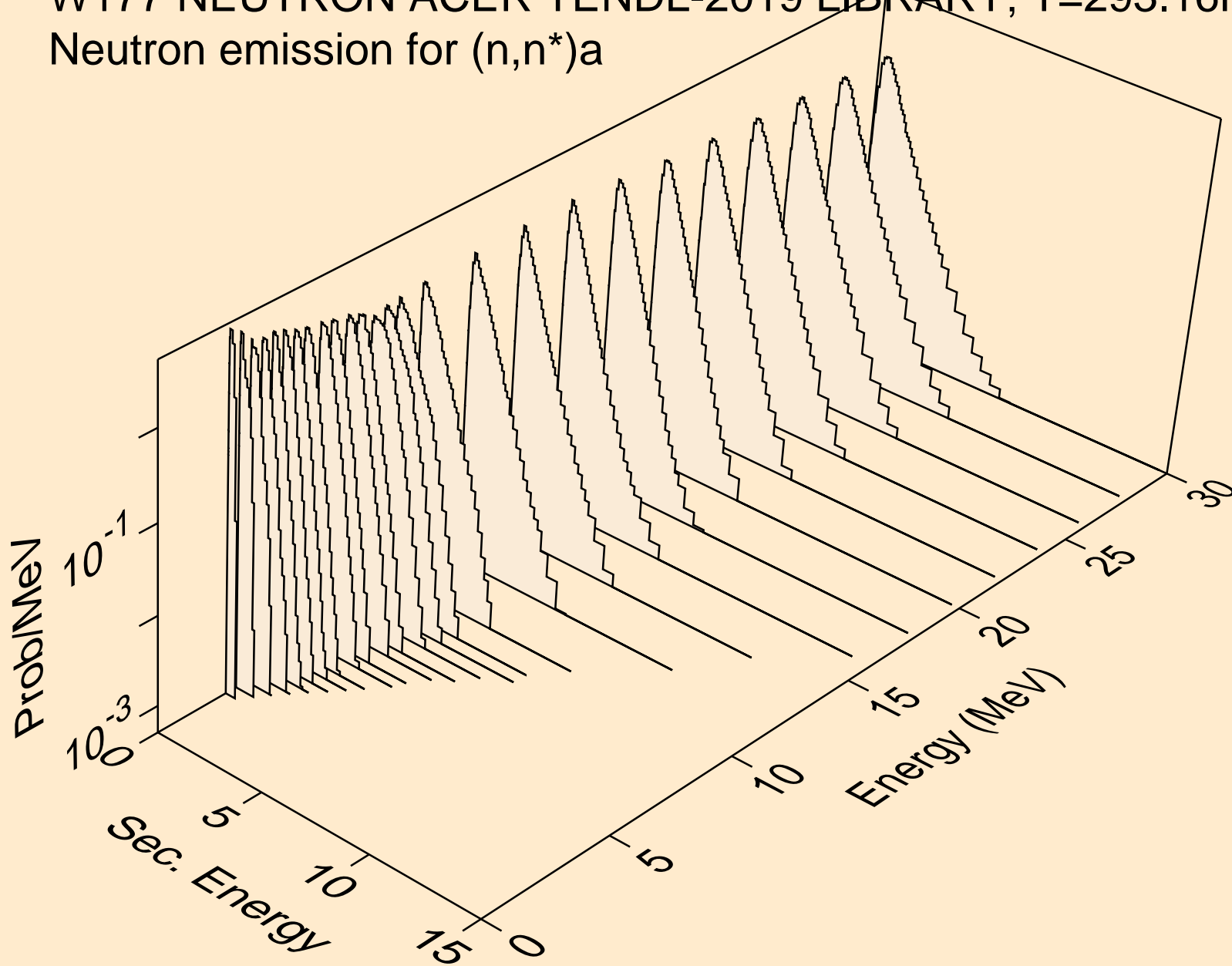
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



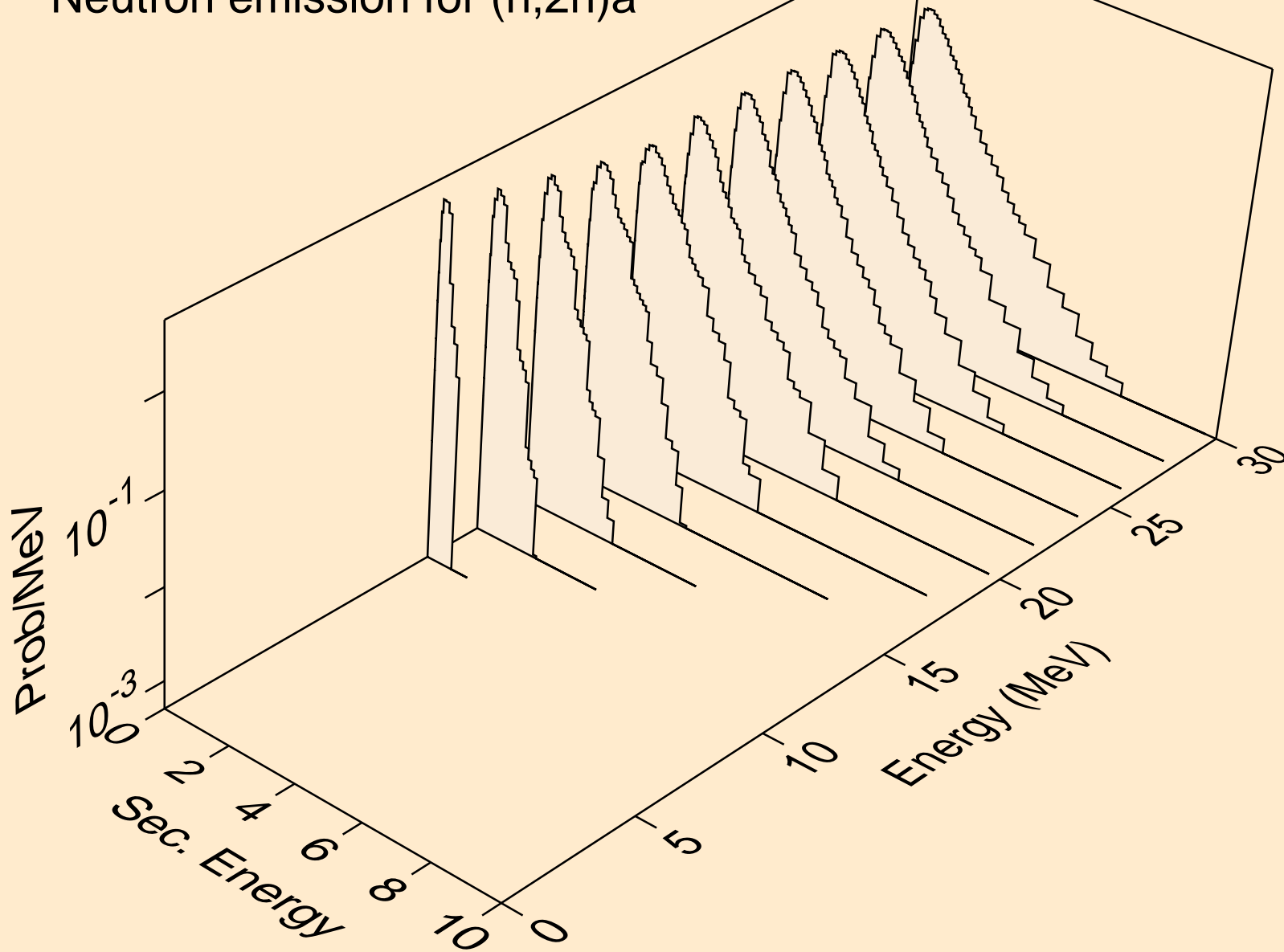
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



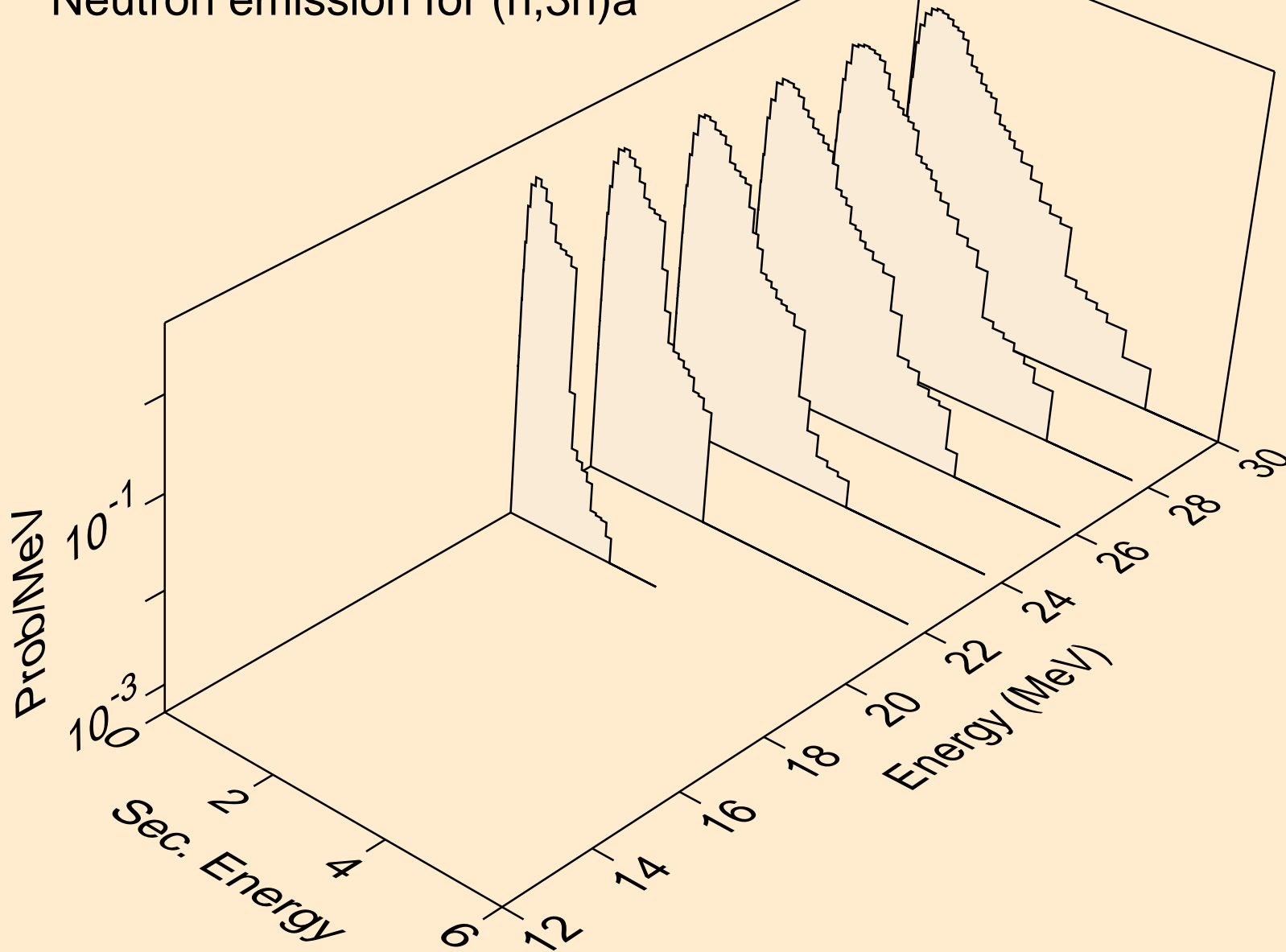
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



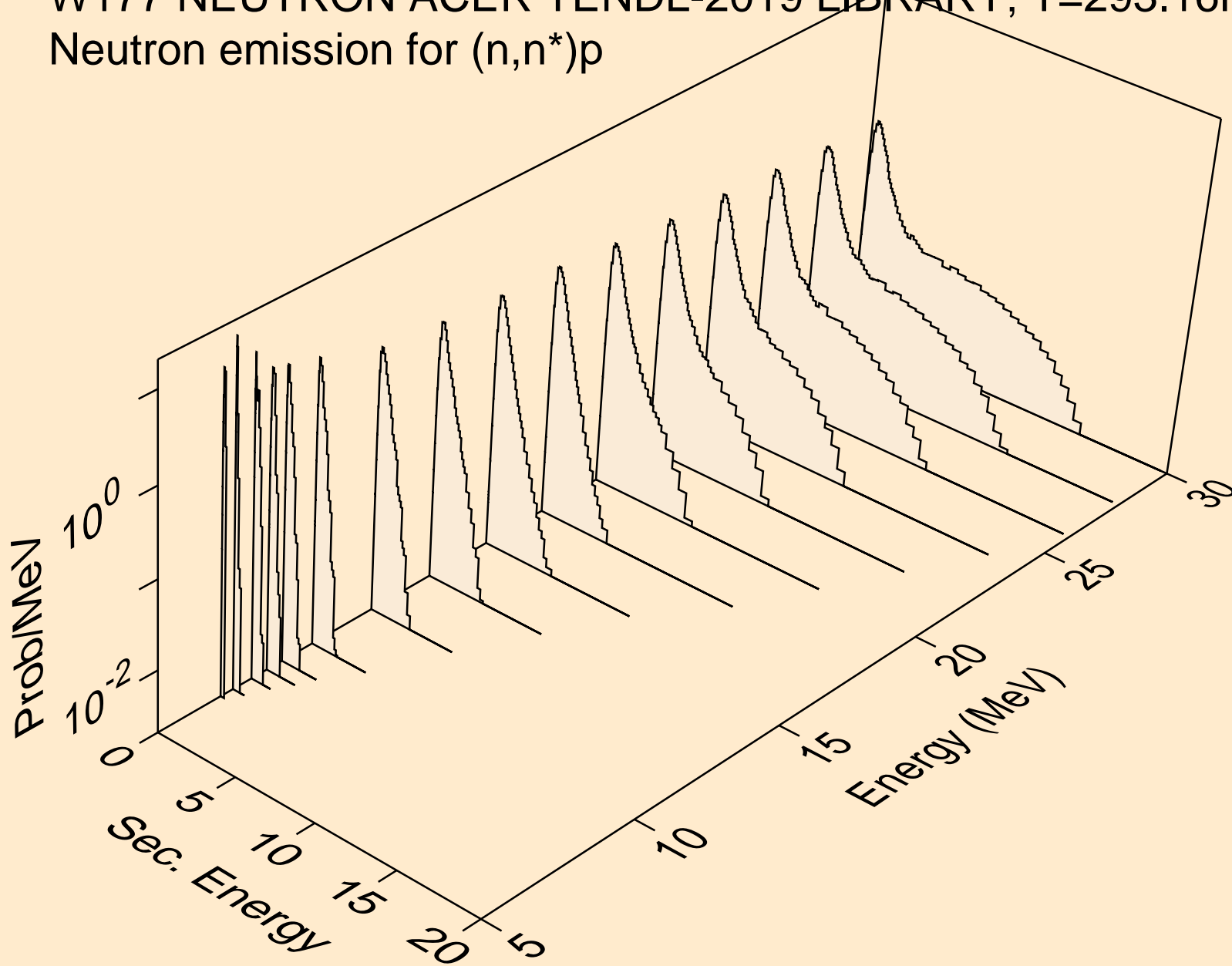
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Neutron emission for (n,2n)a



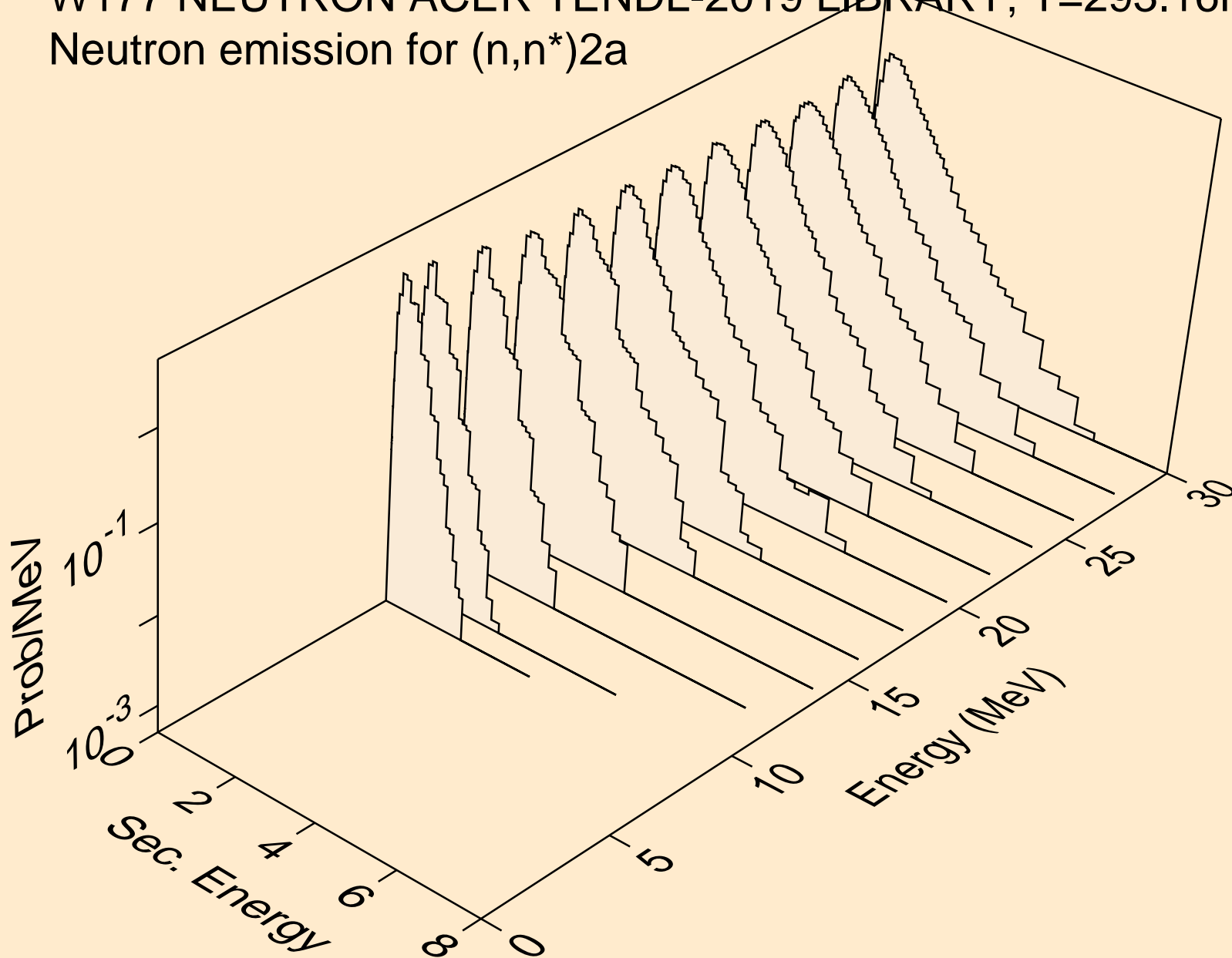
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



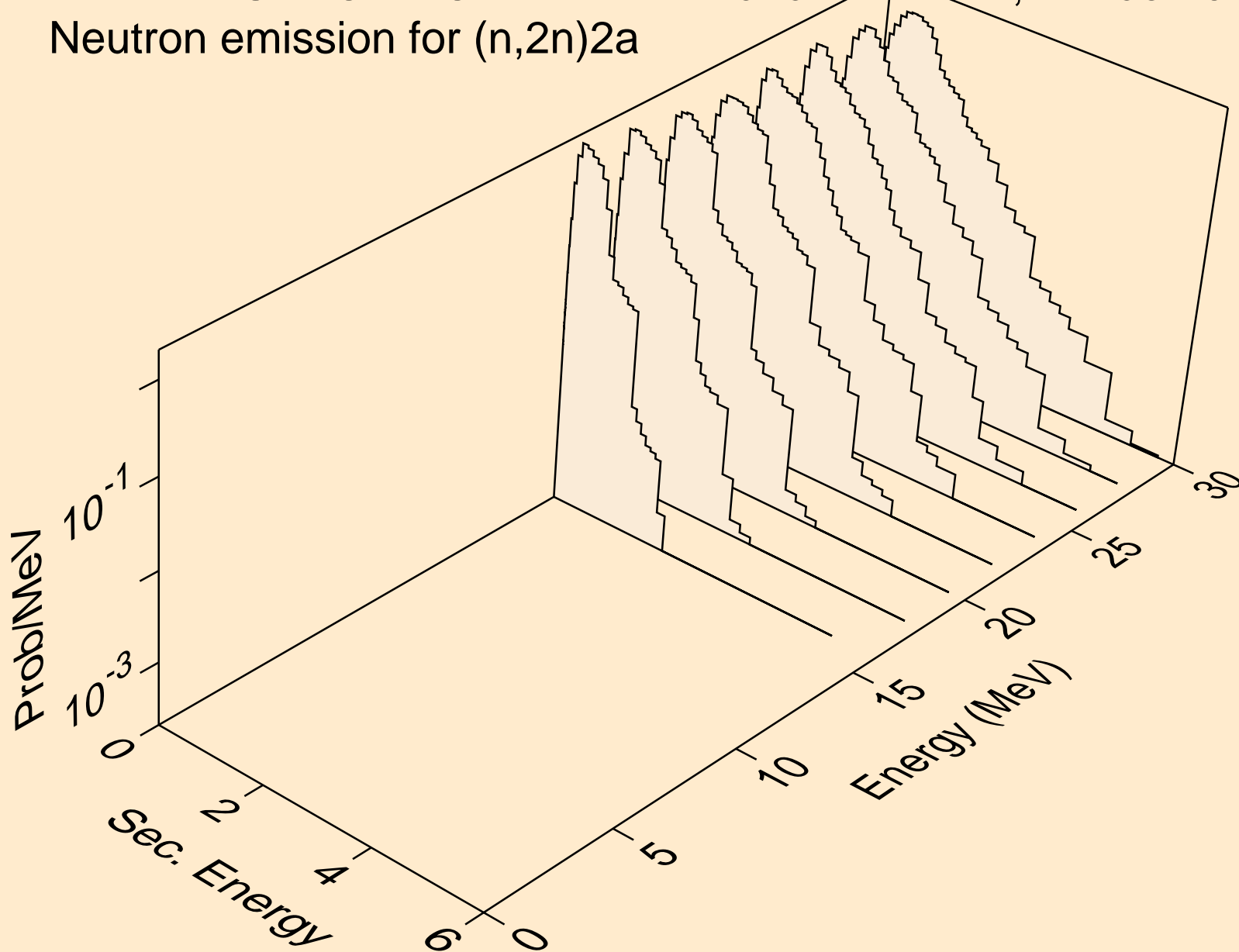
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



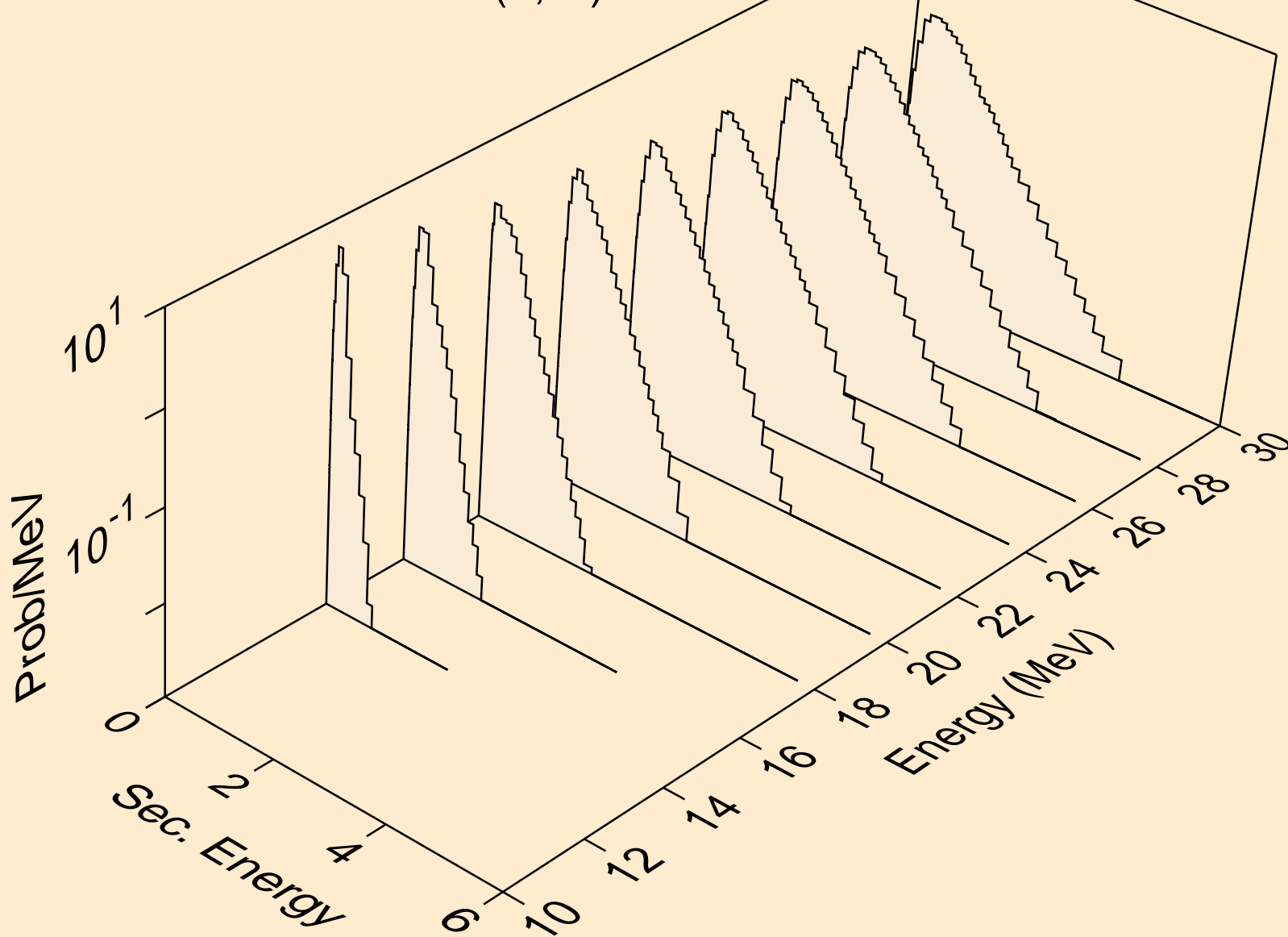
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



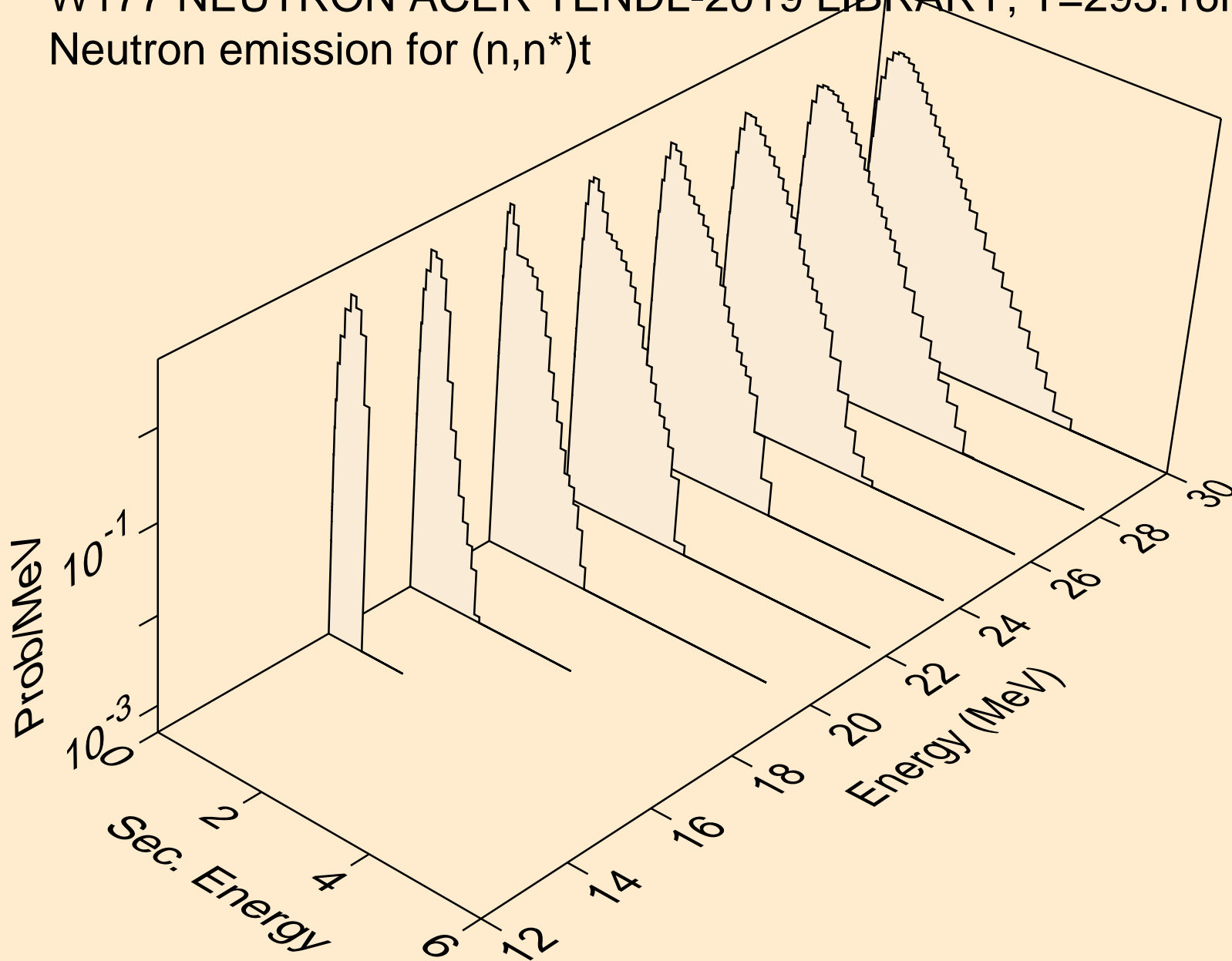
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



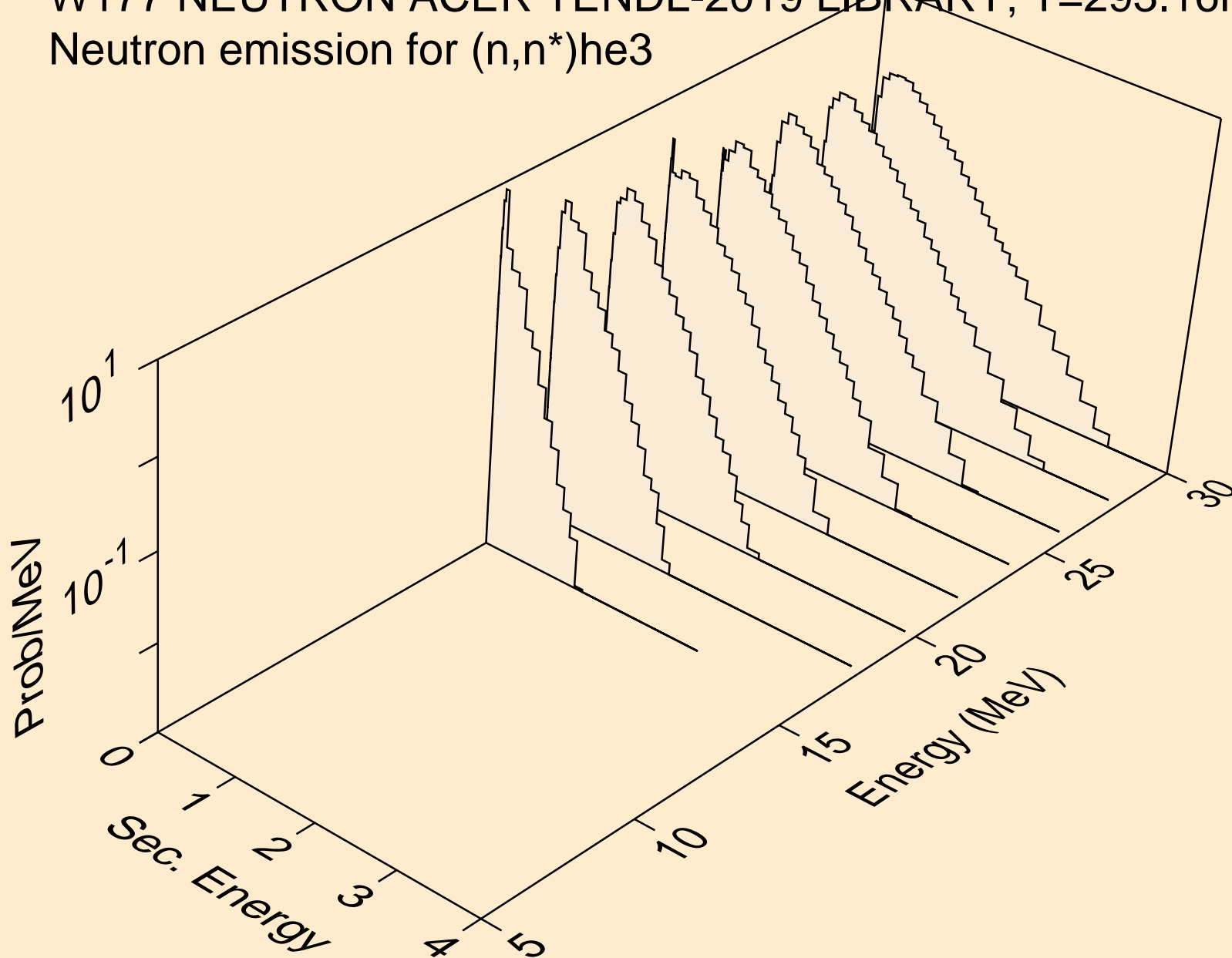
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



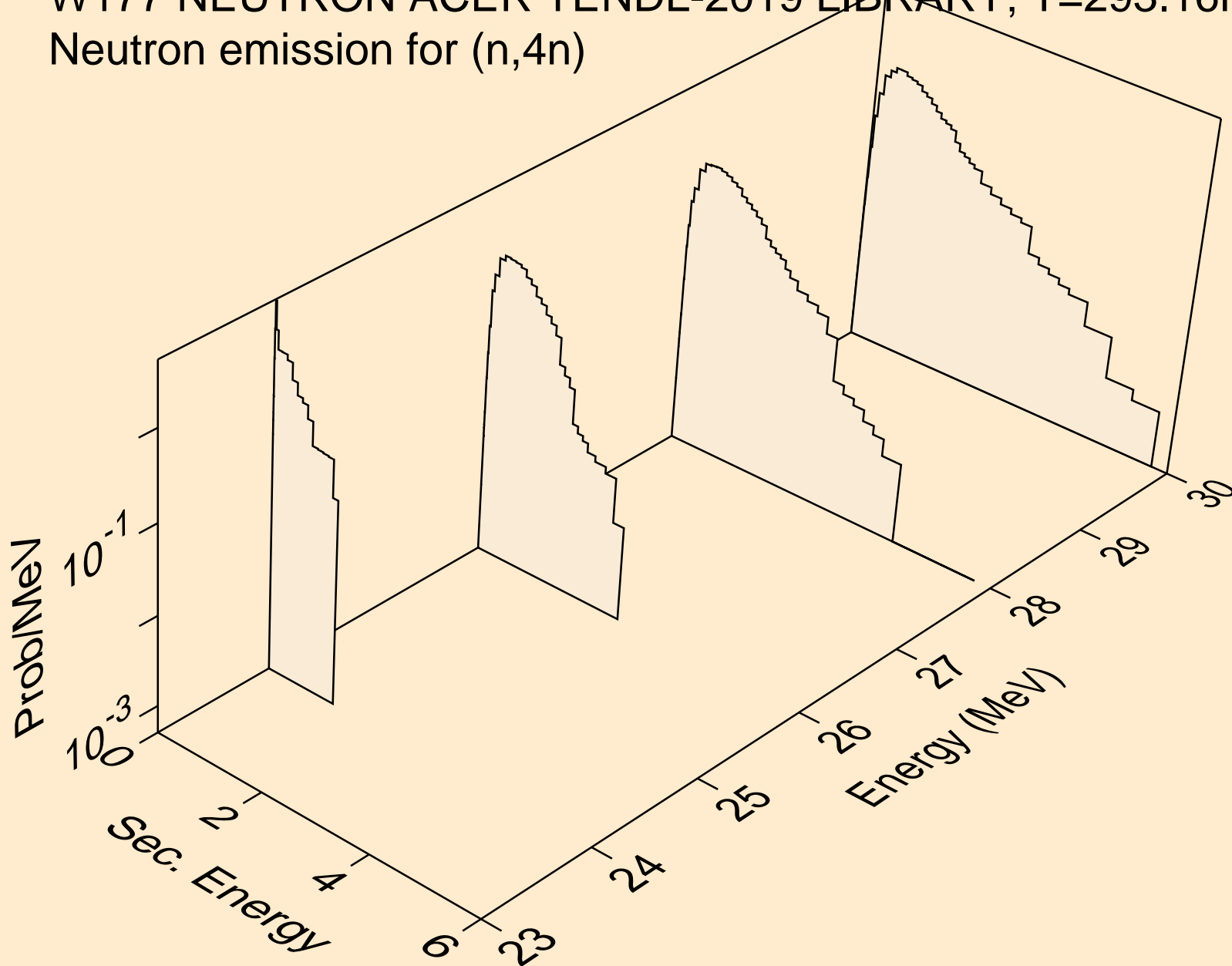
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



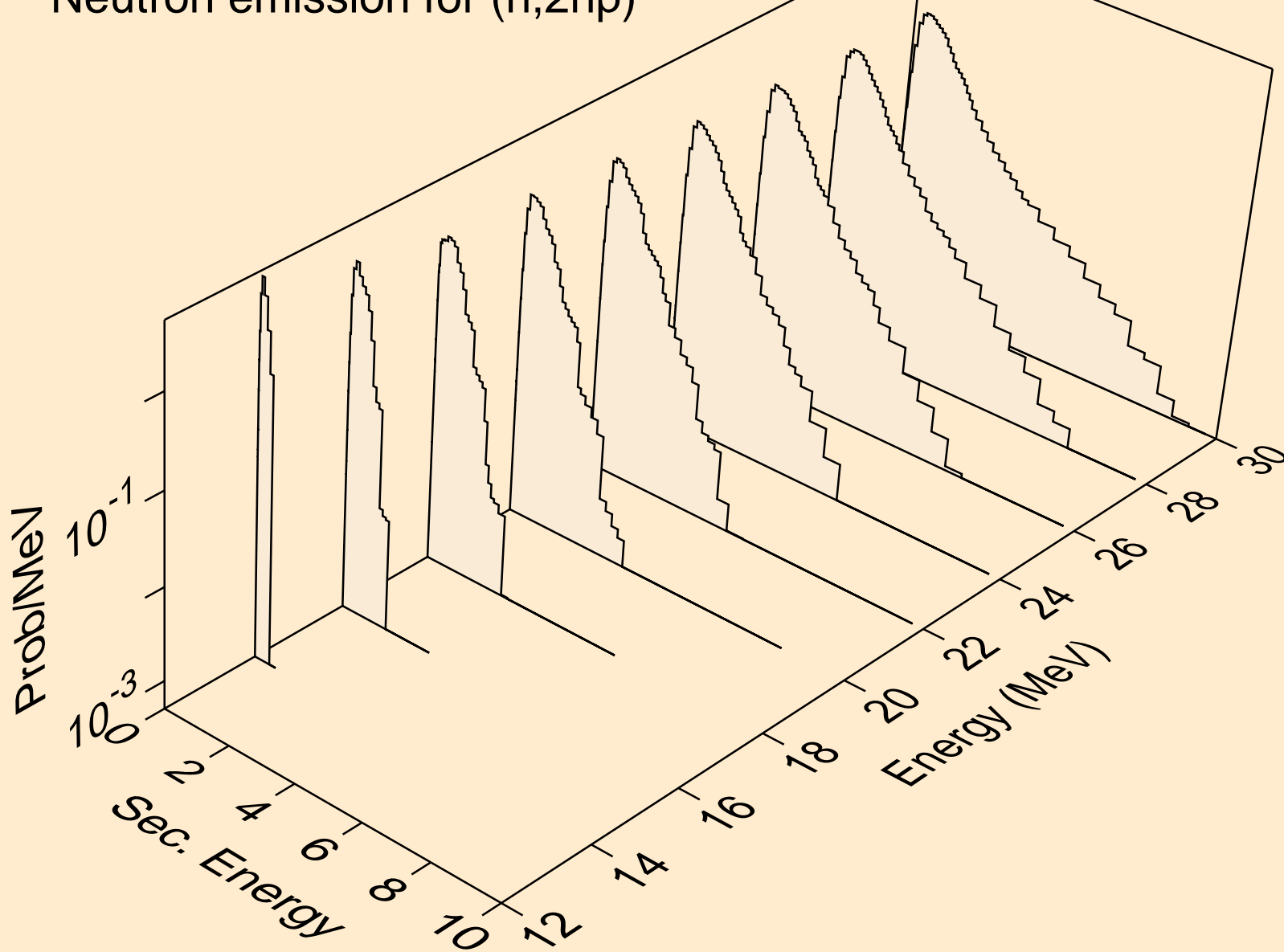
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



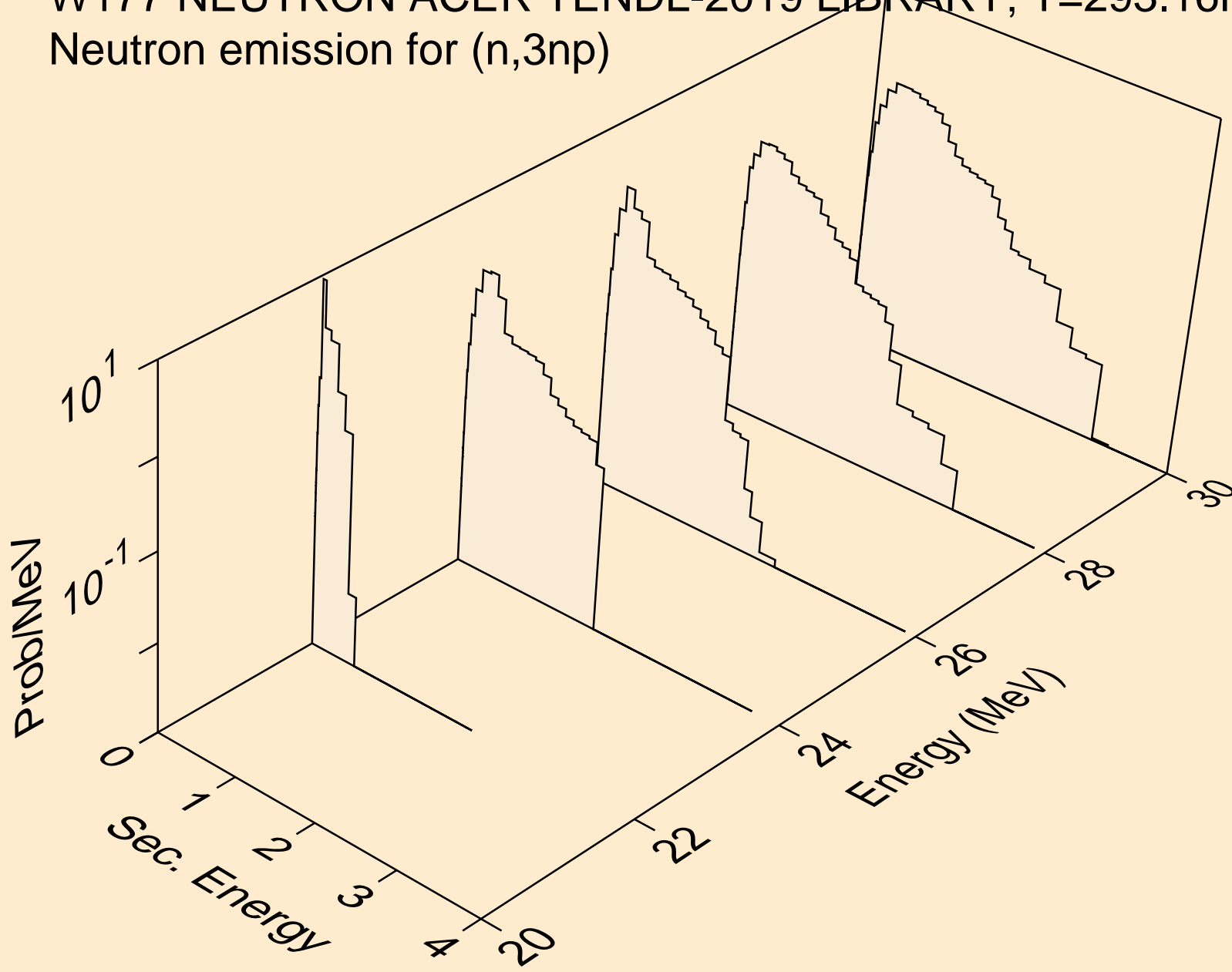
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



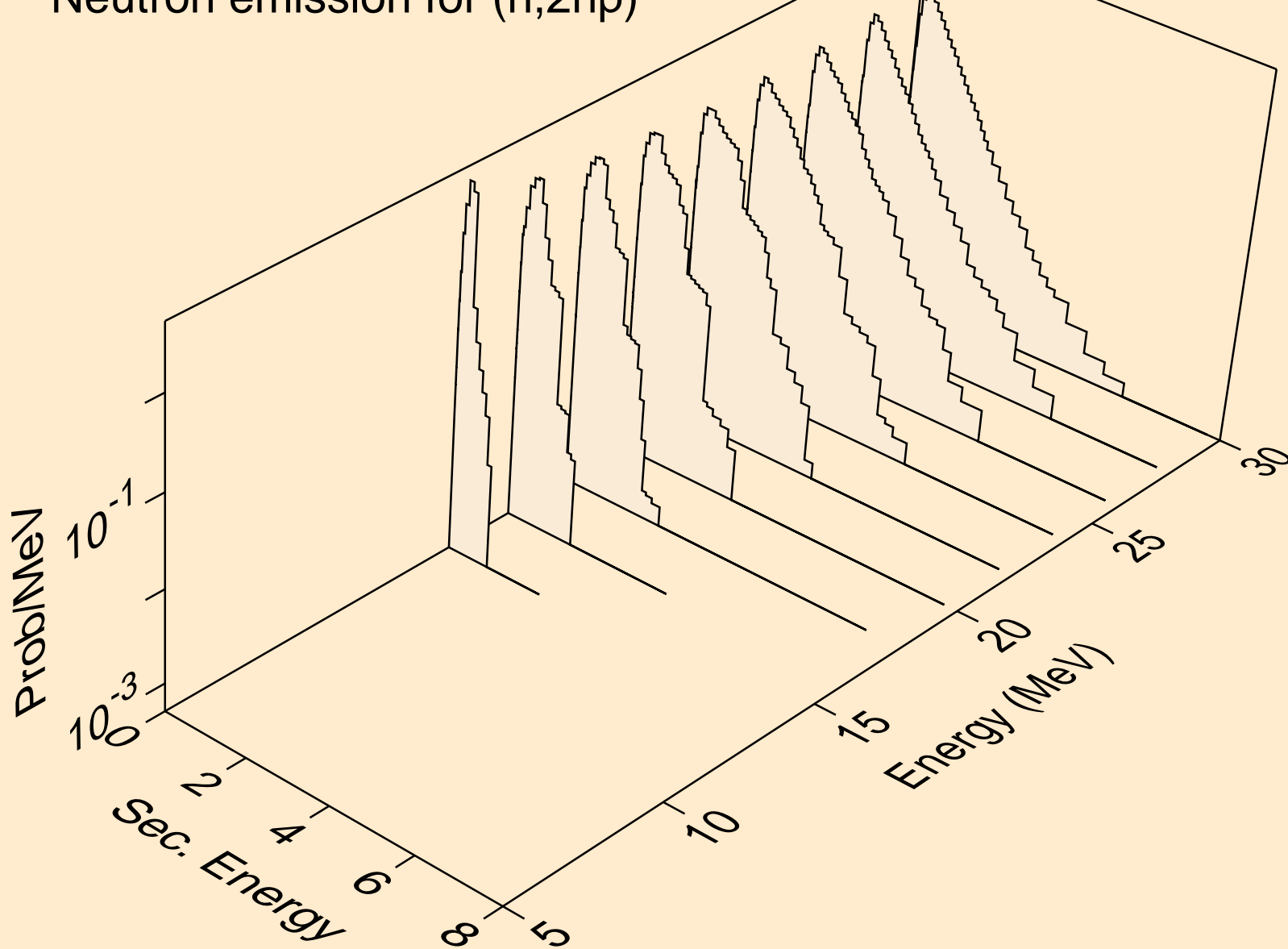
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



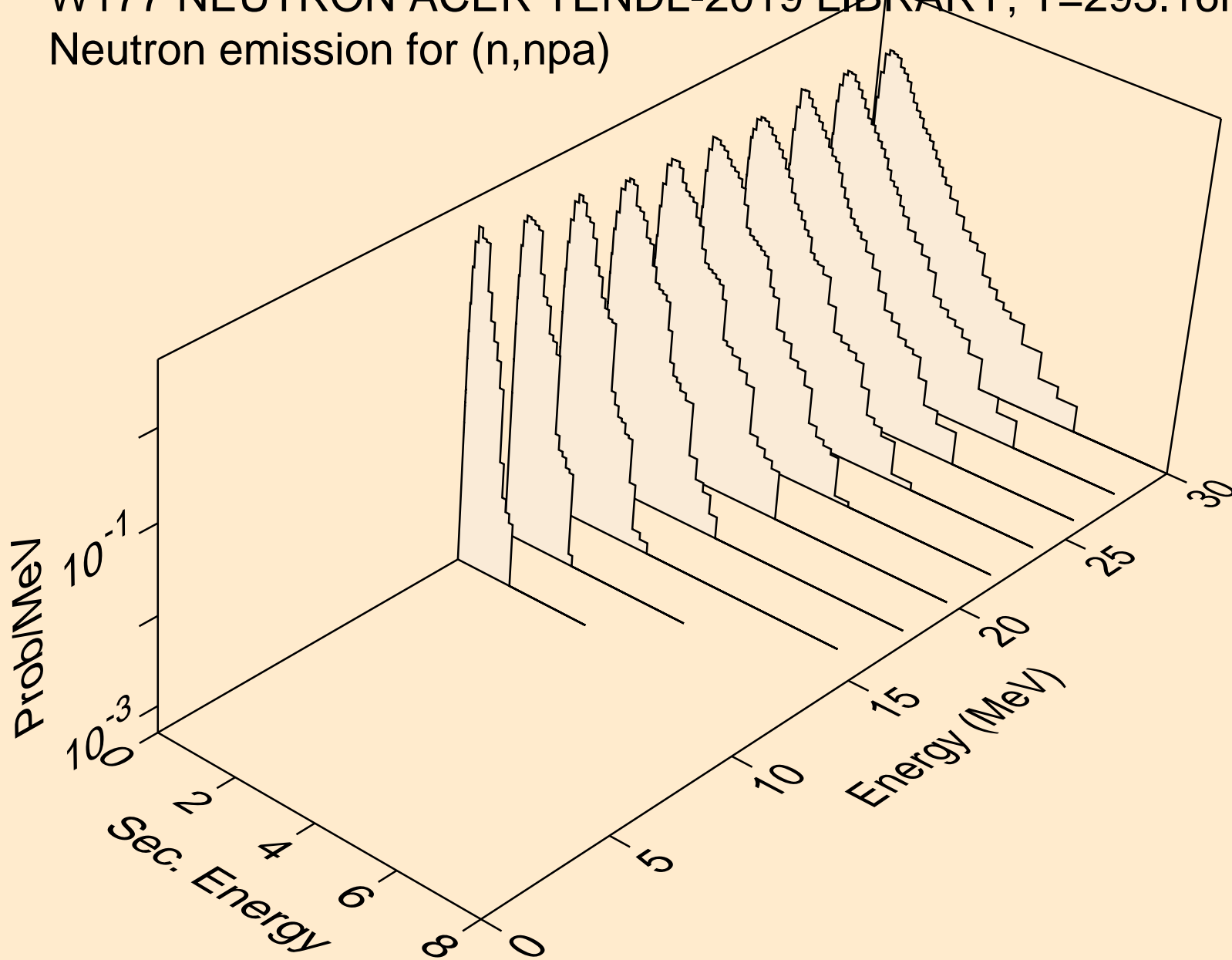
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



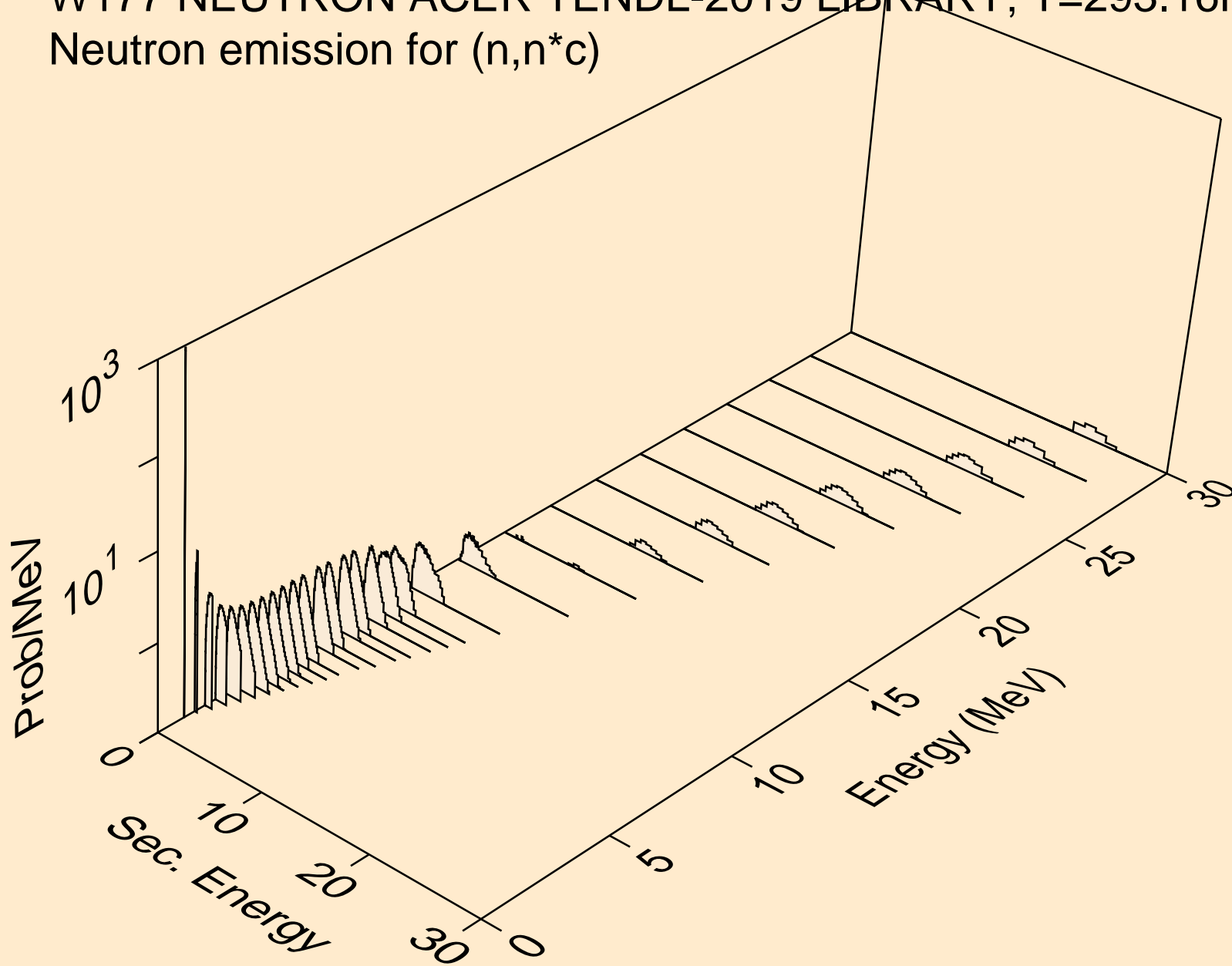
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



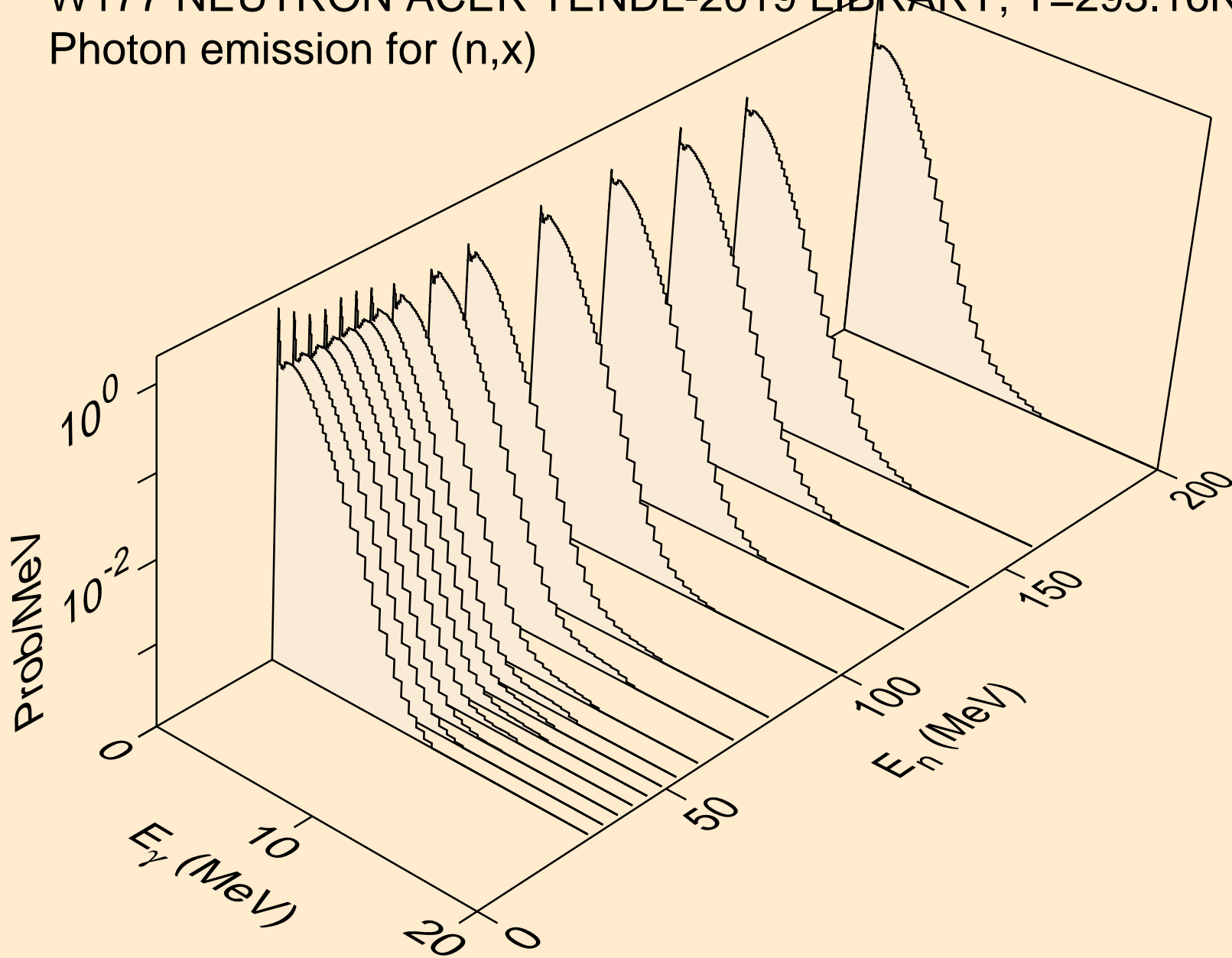
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



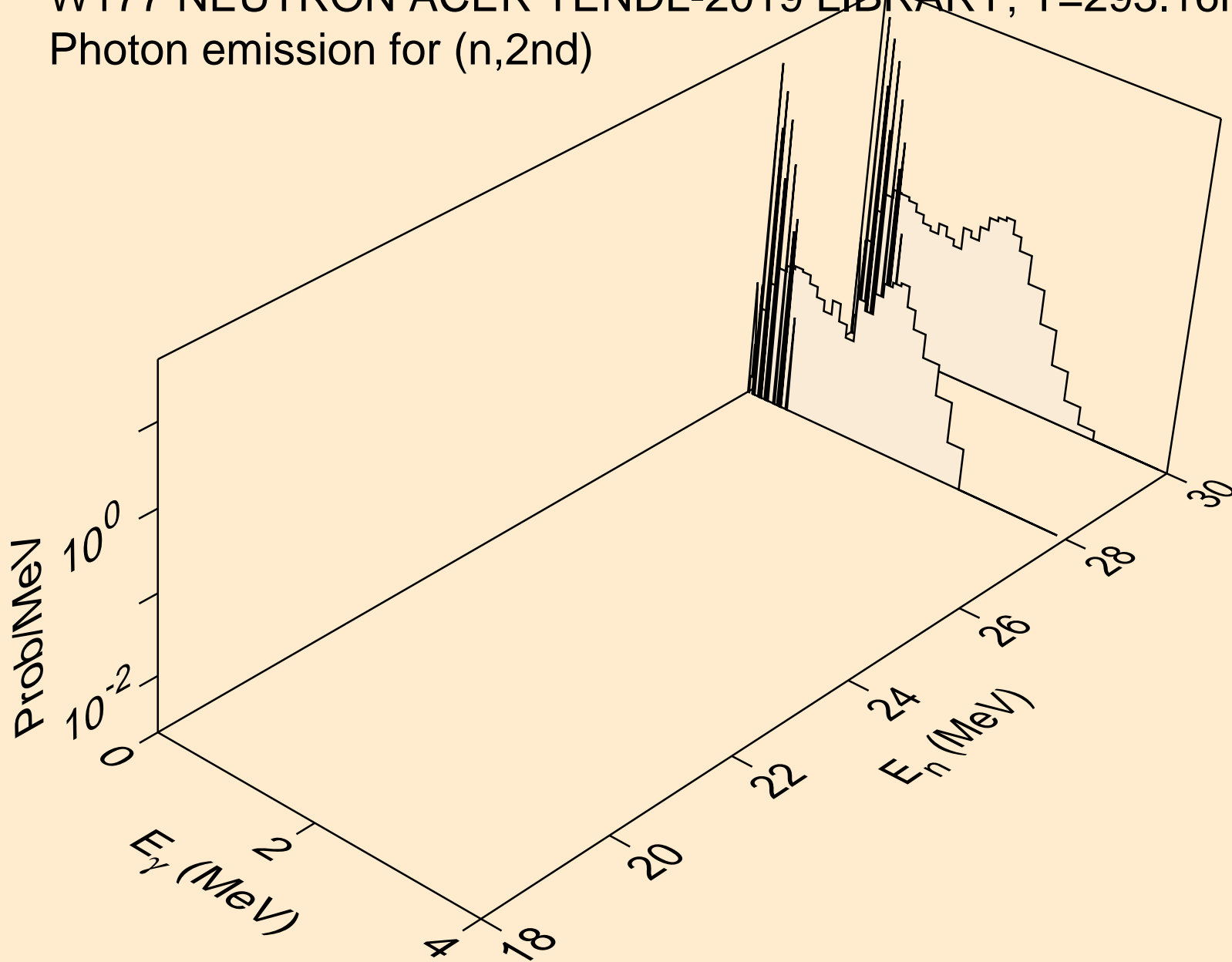
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



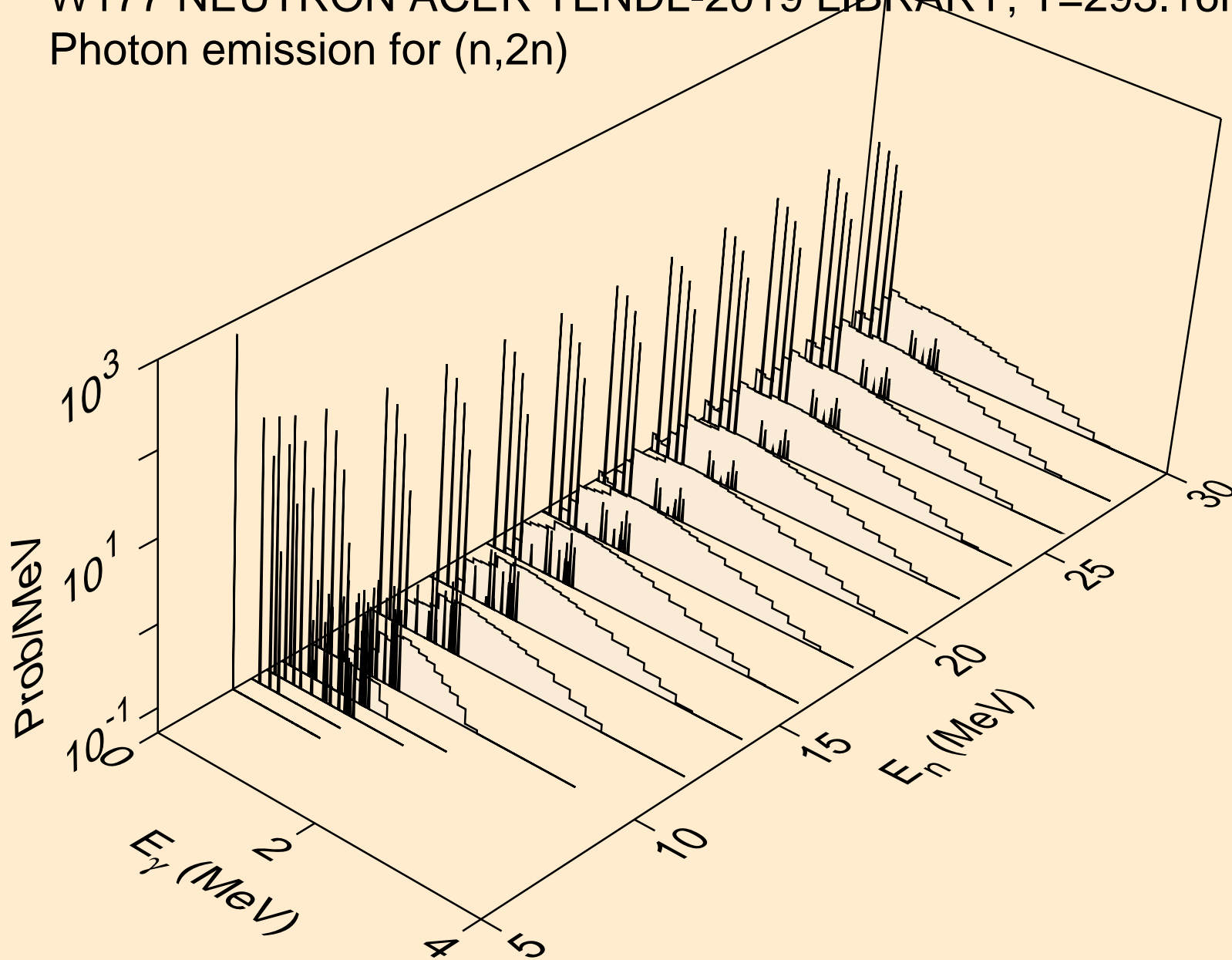
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



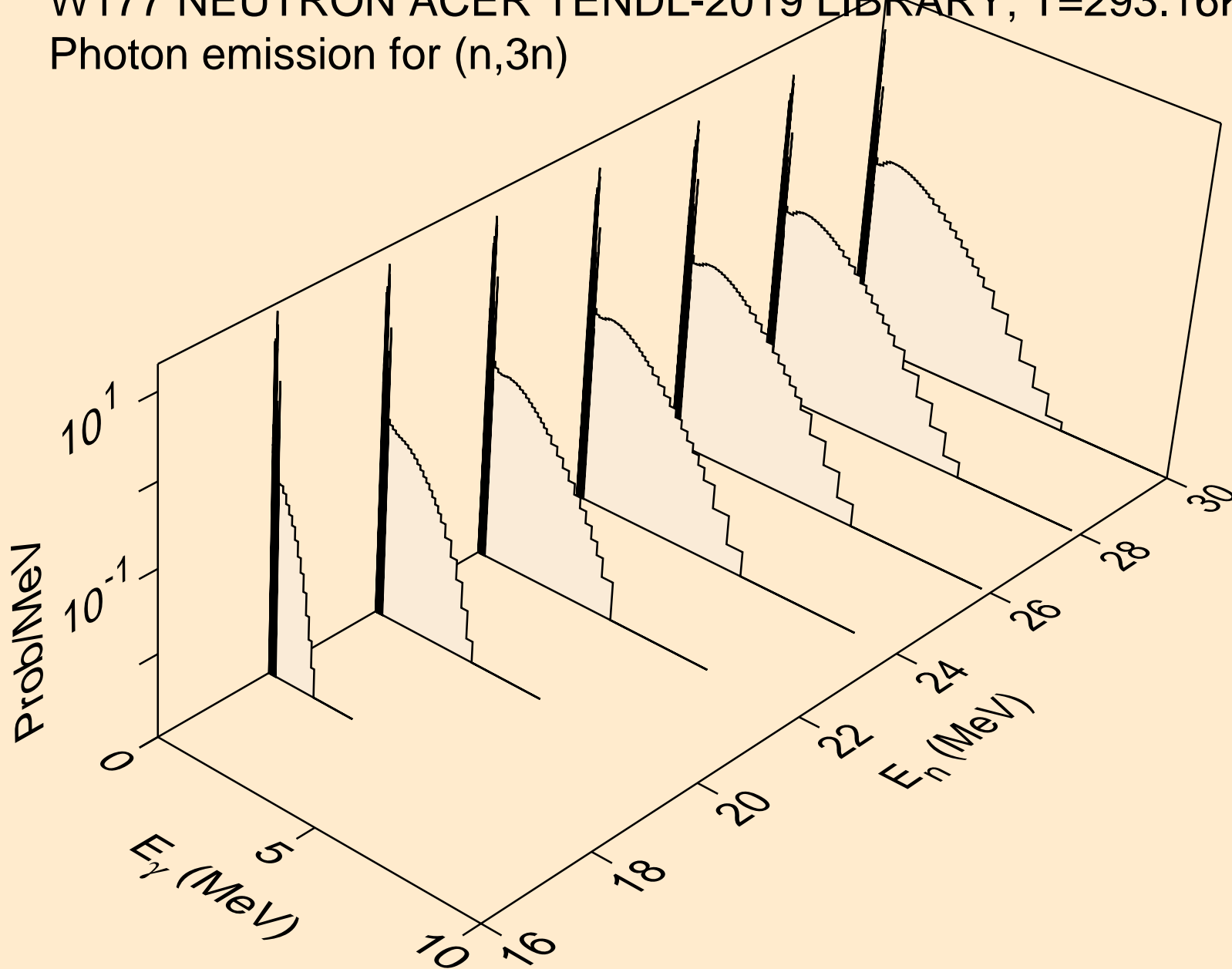
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



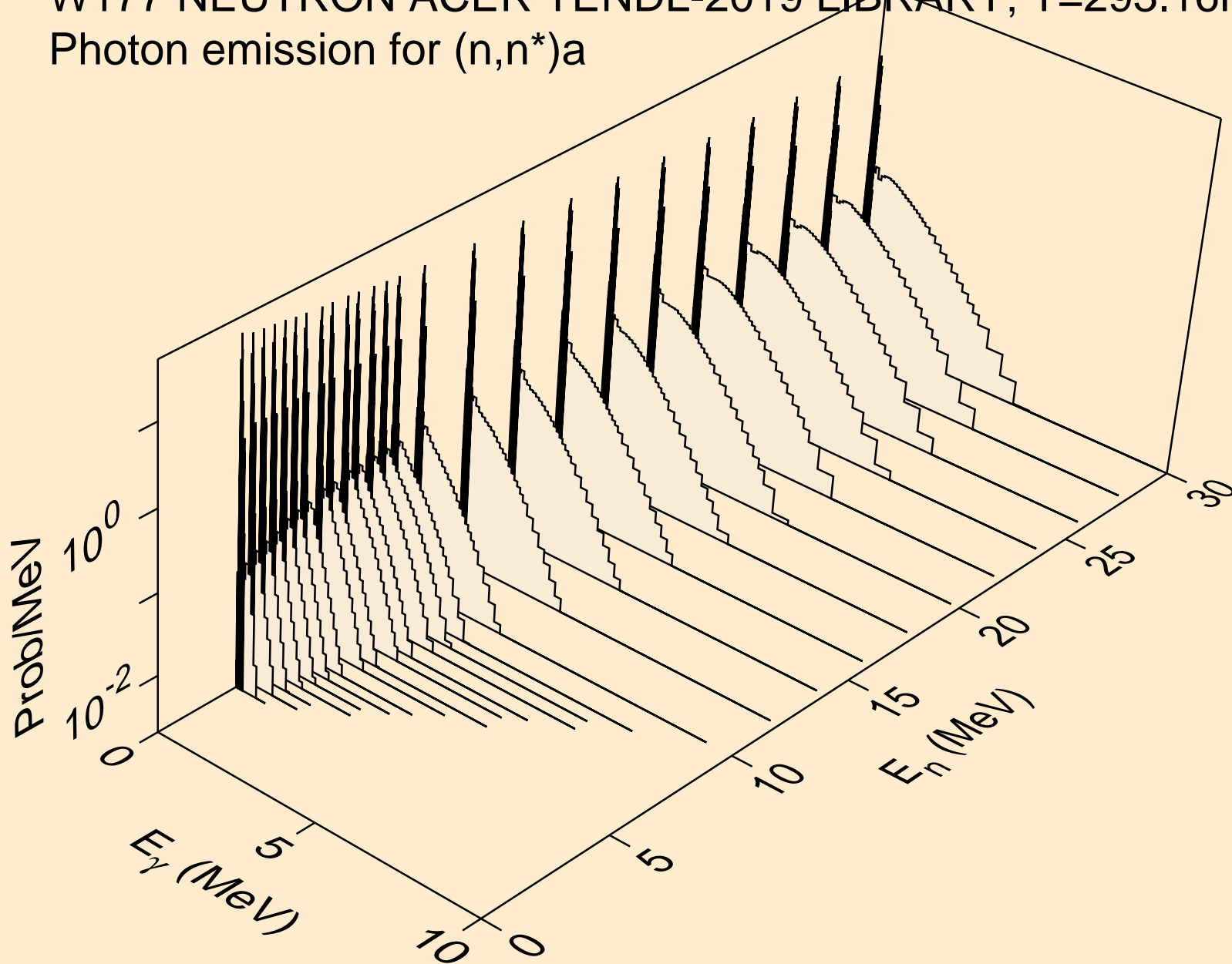
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



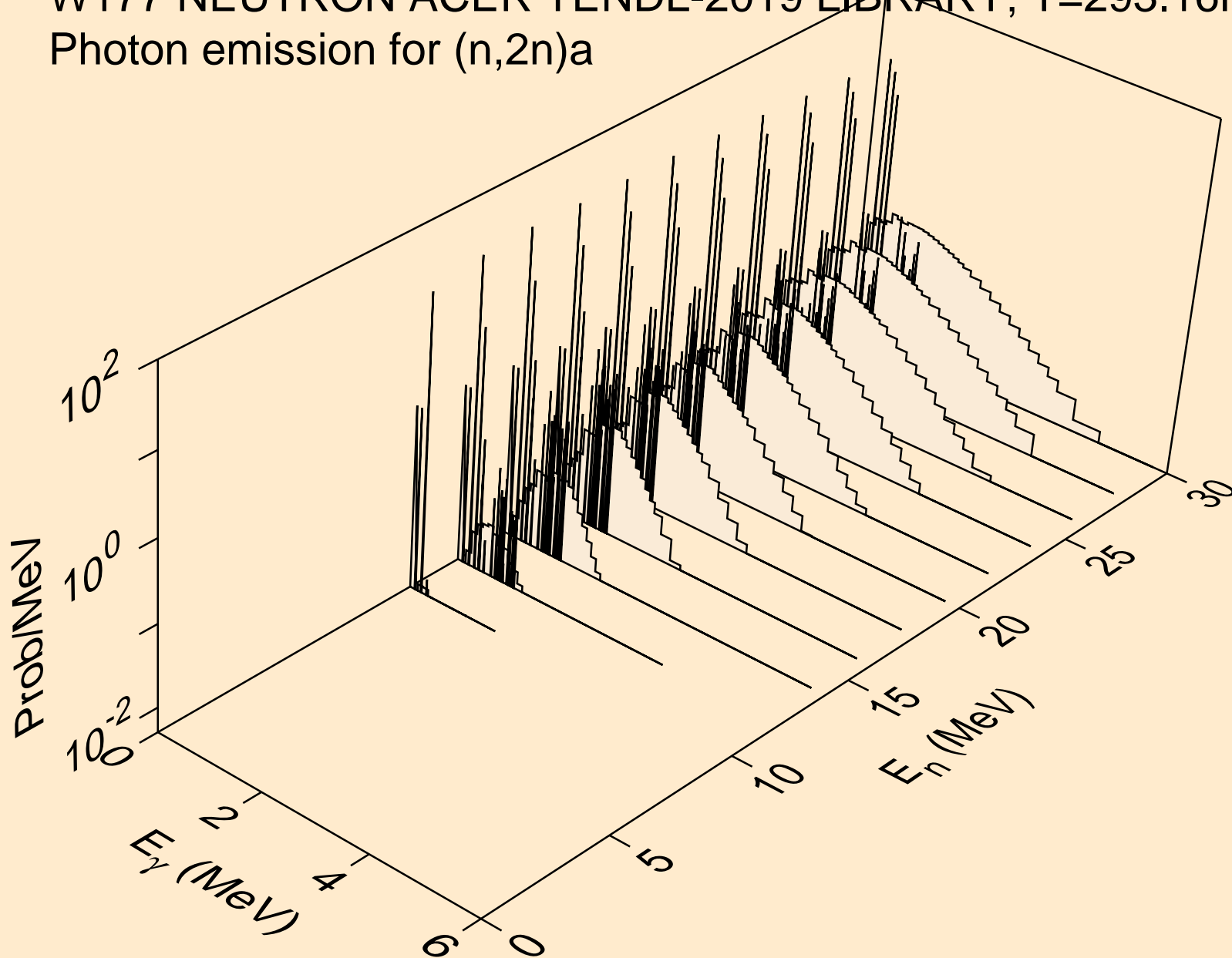
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



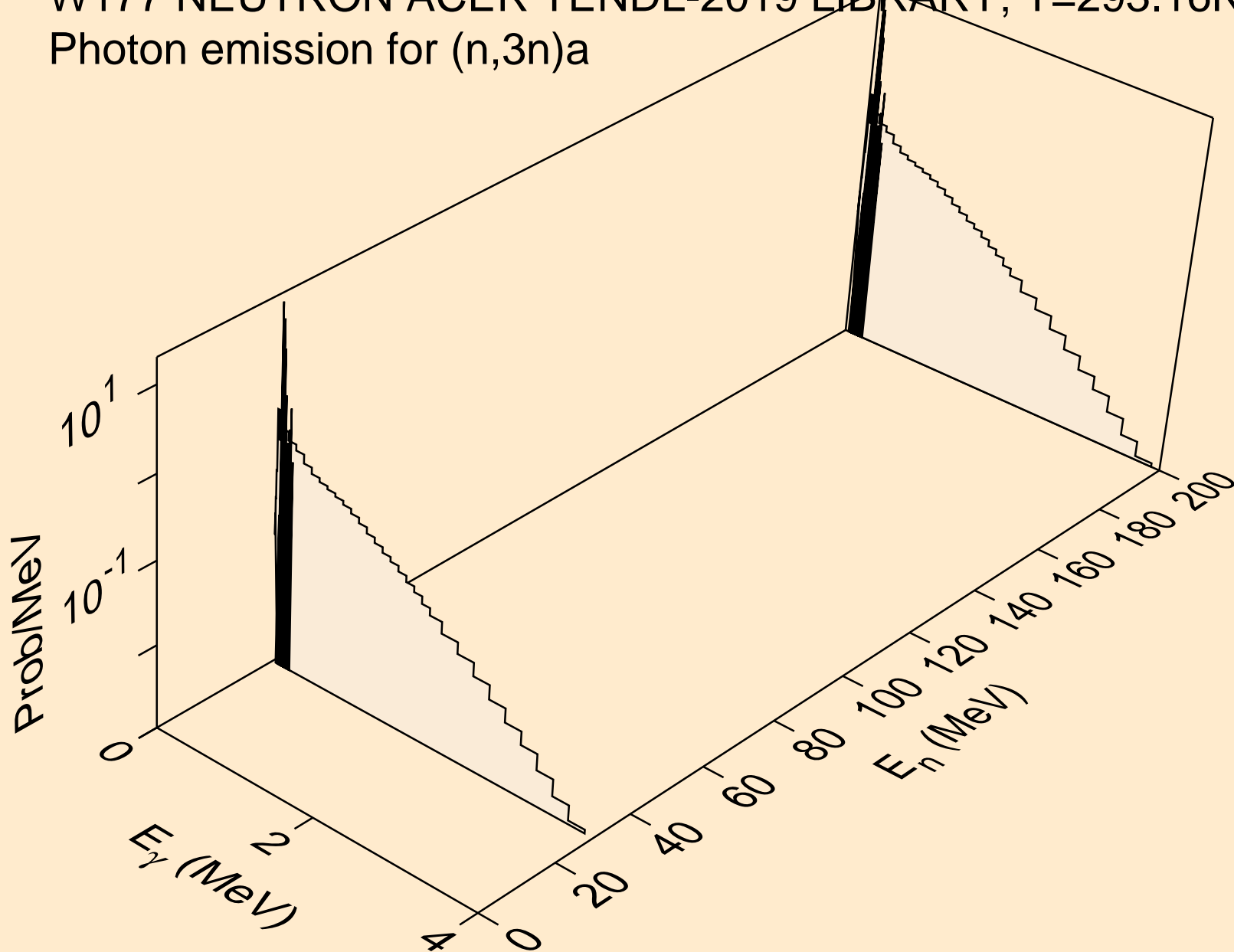
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



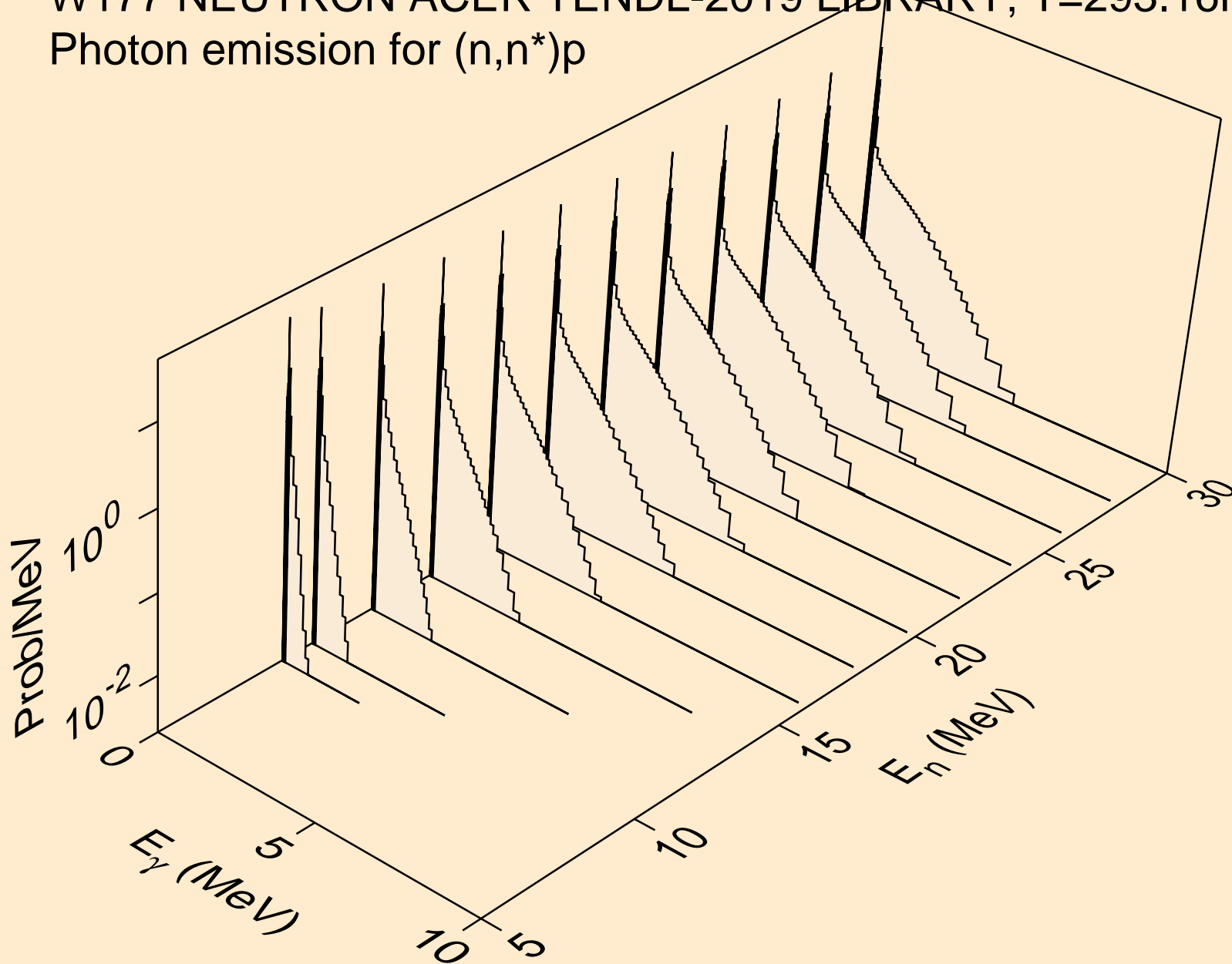
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



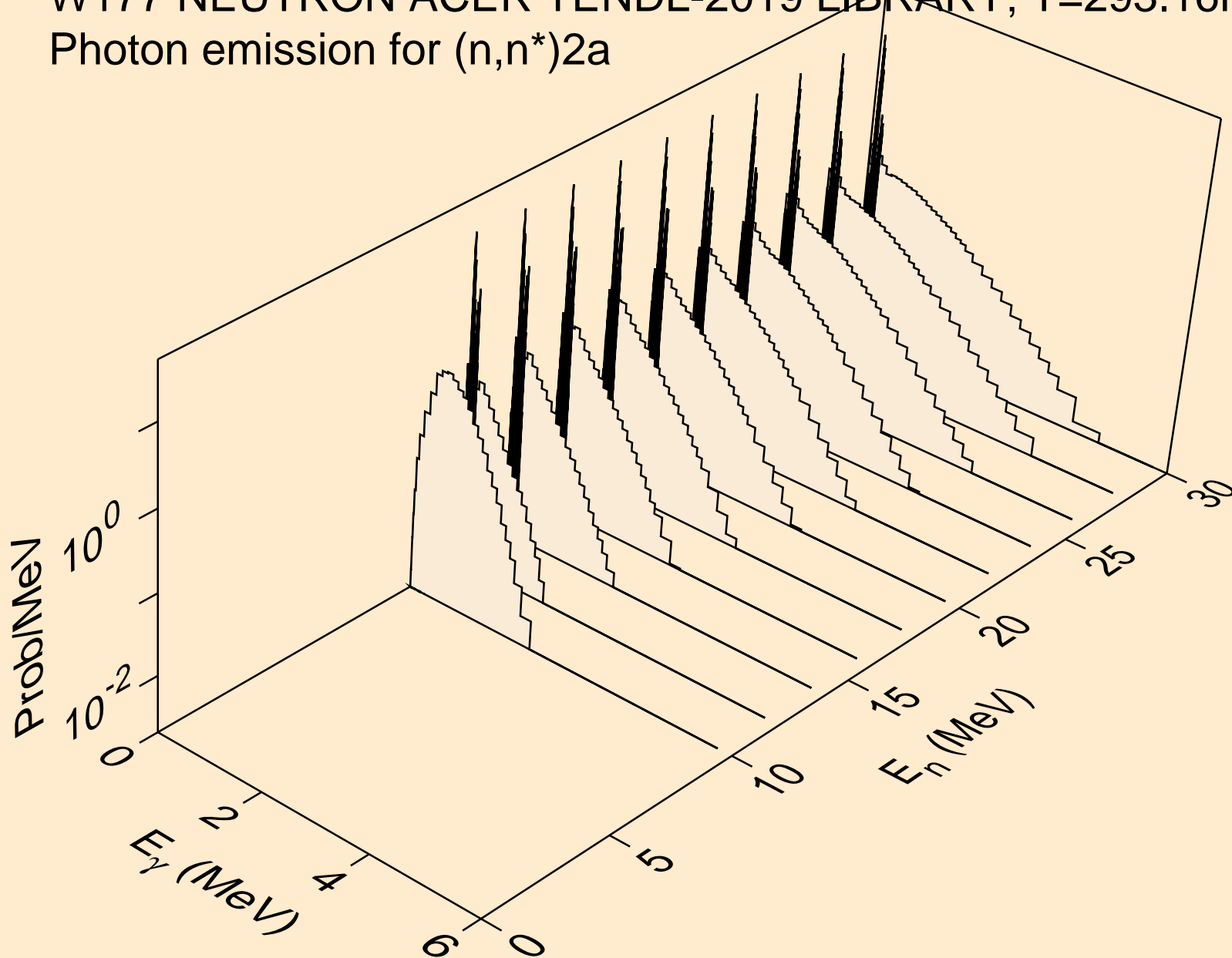
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



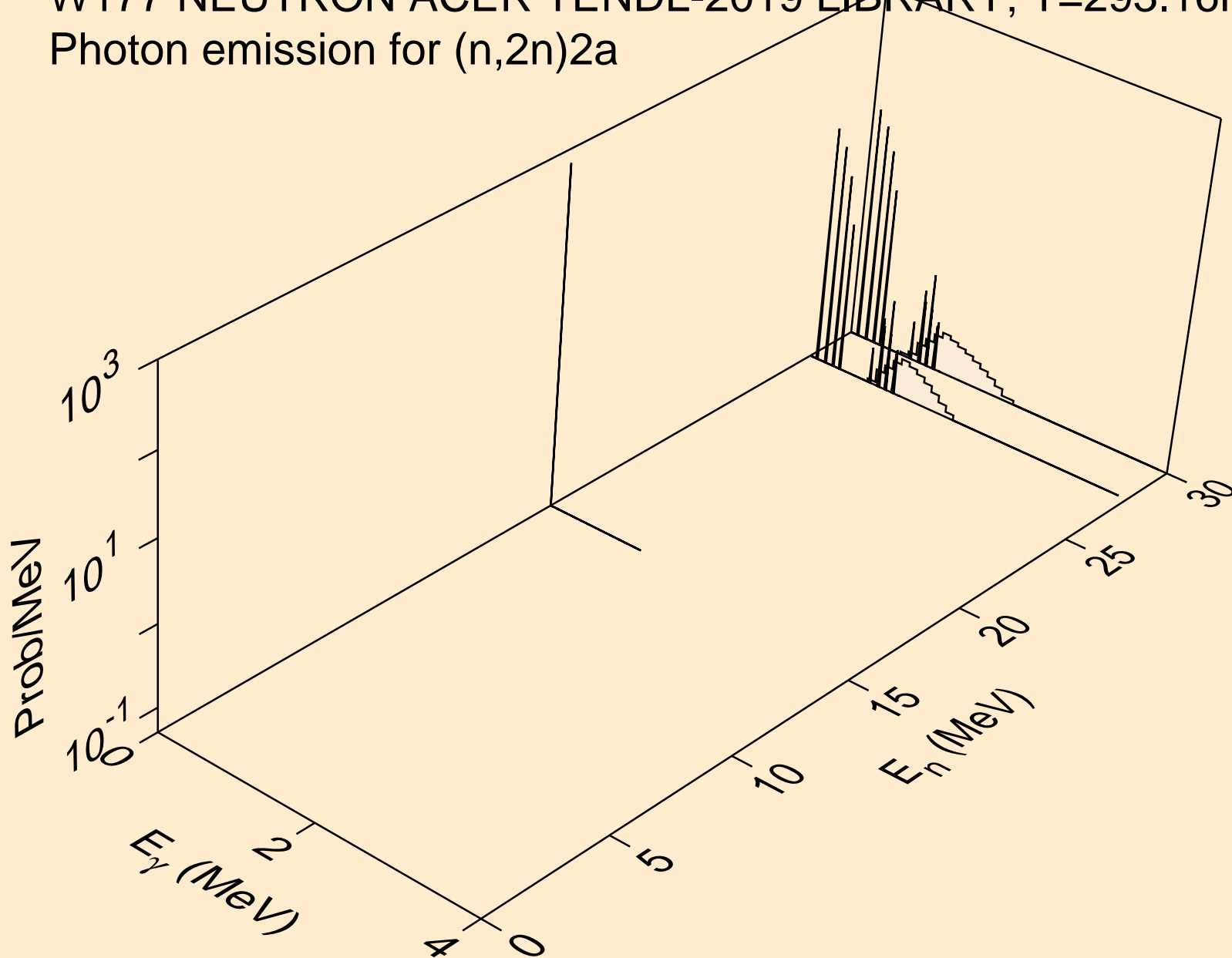
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



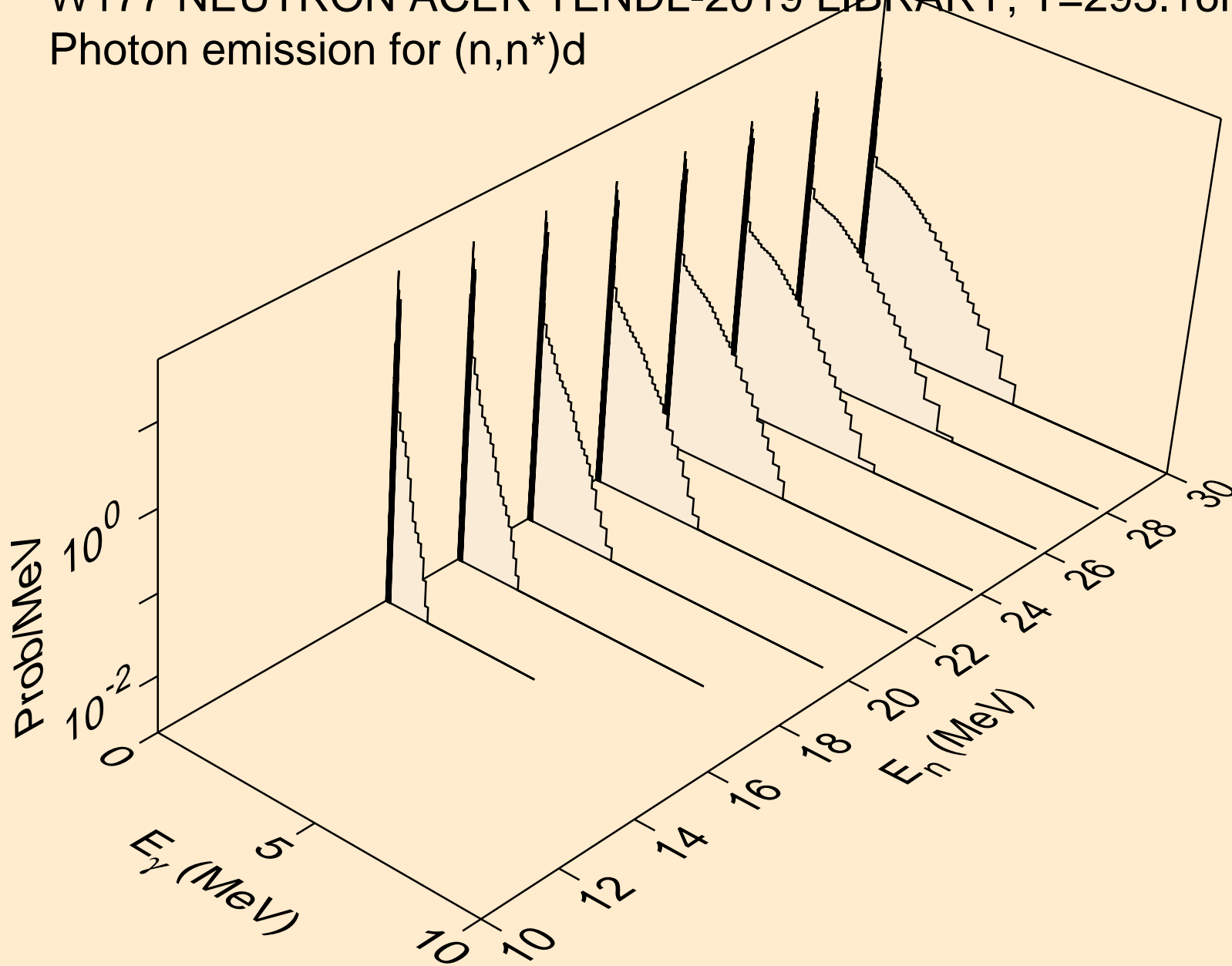
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



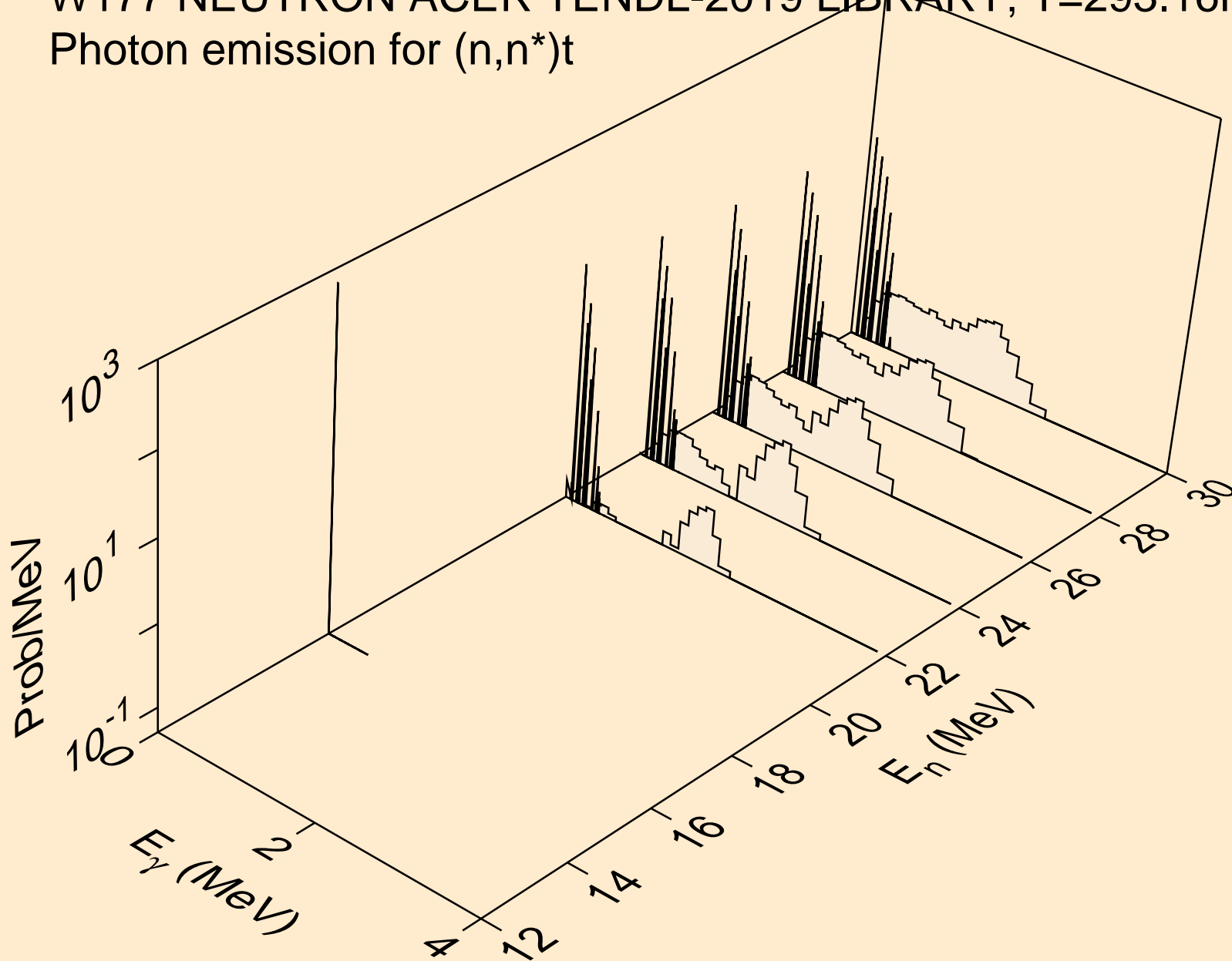
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



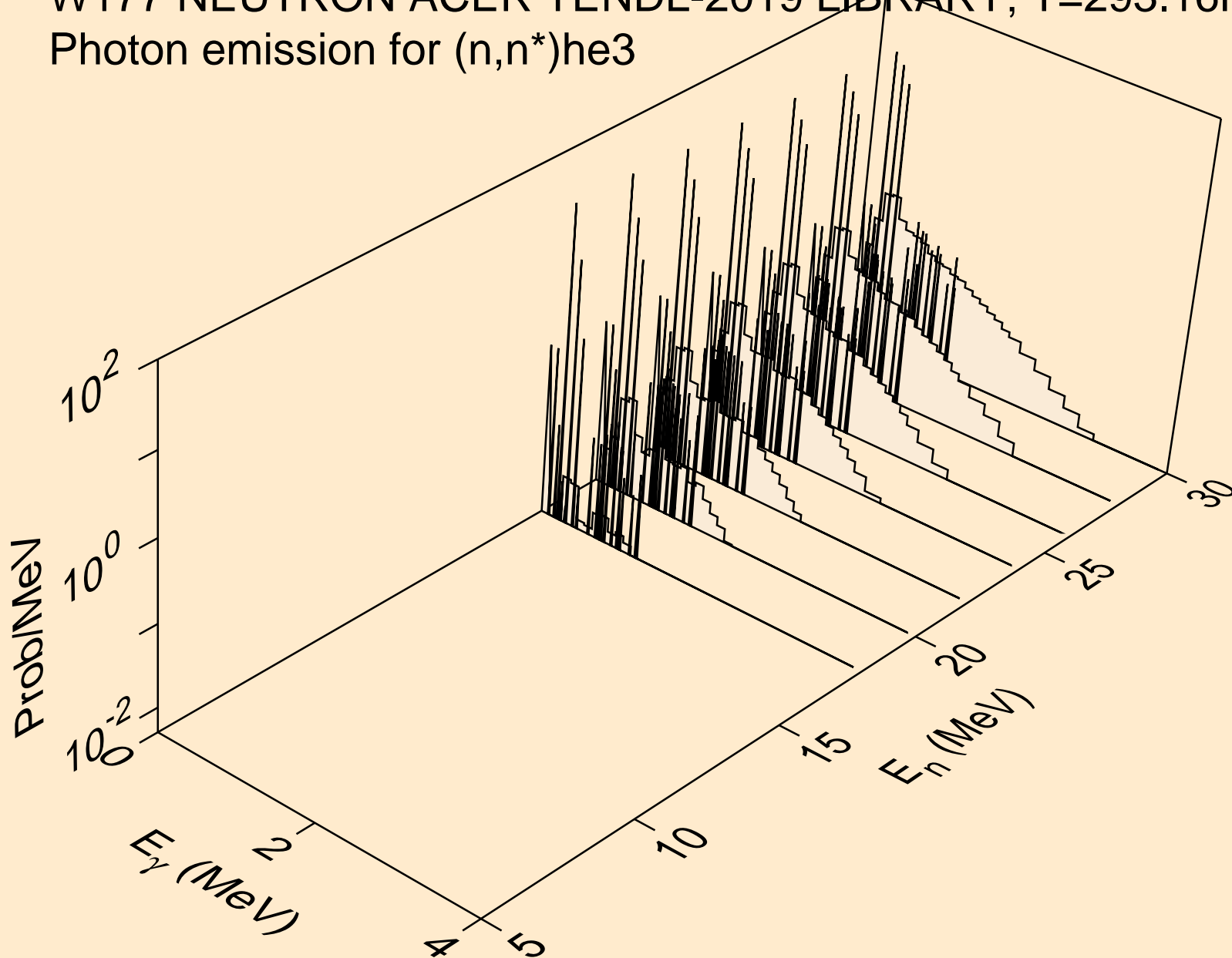
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



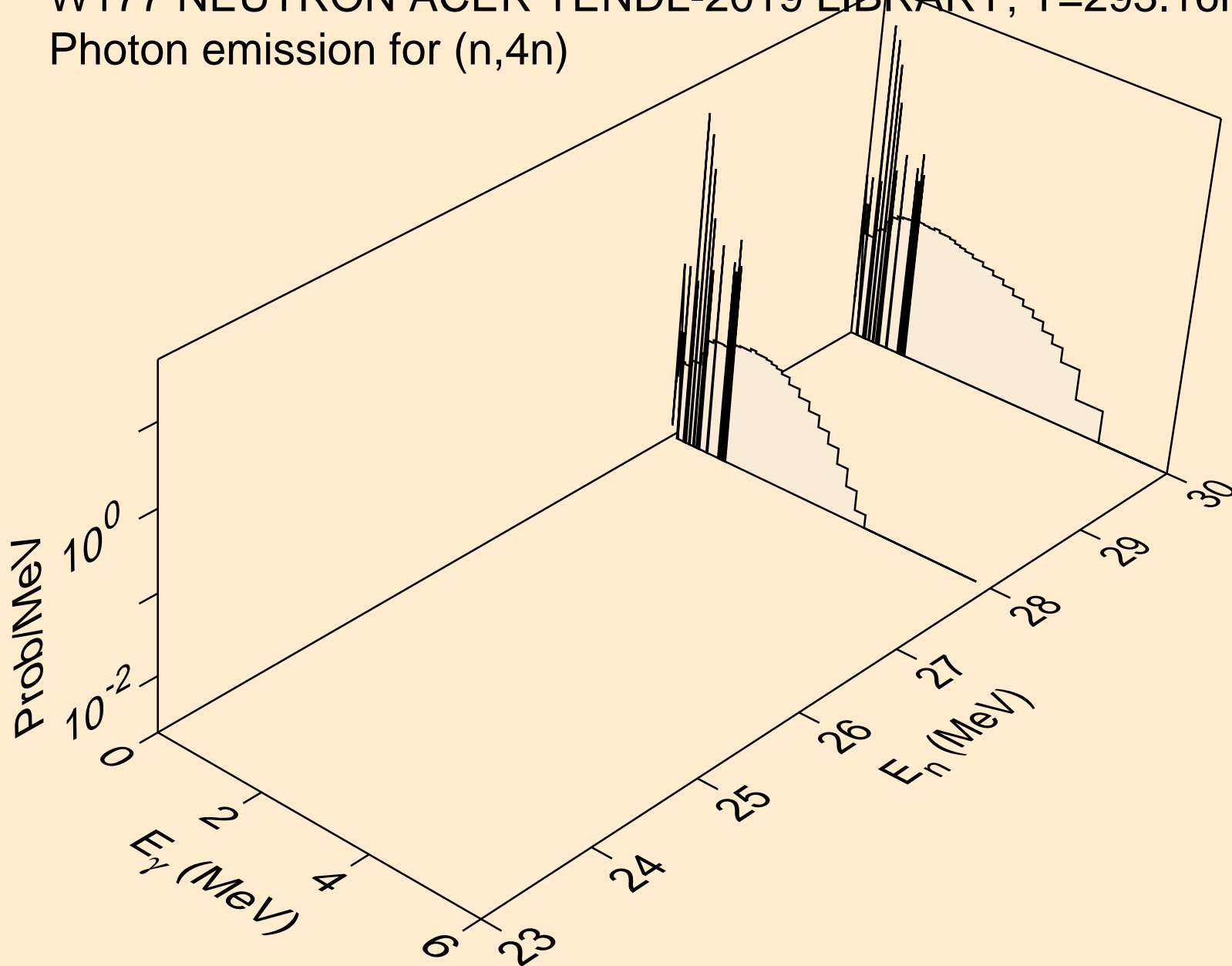
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



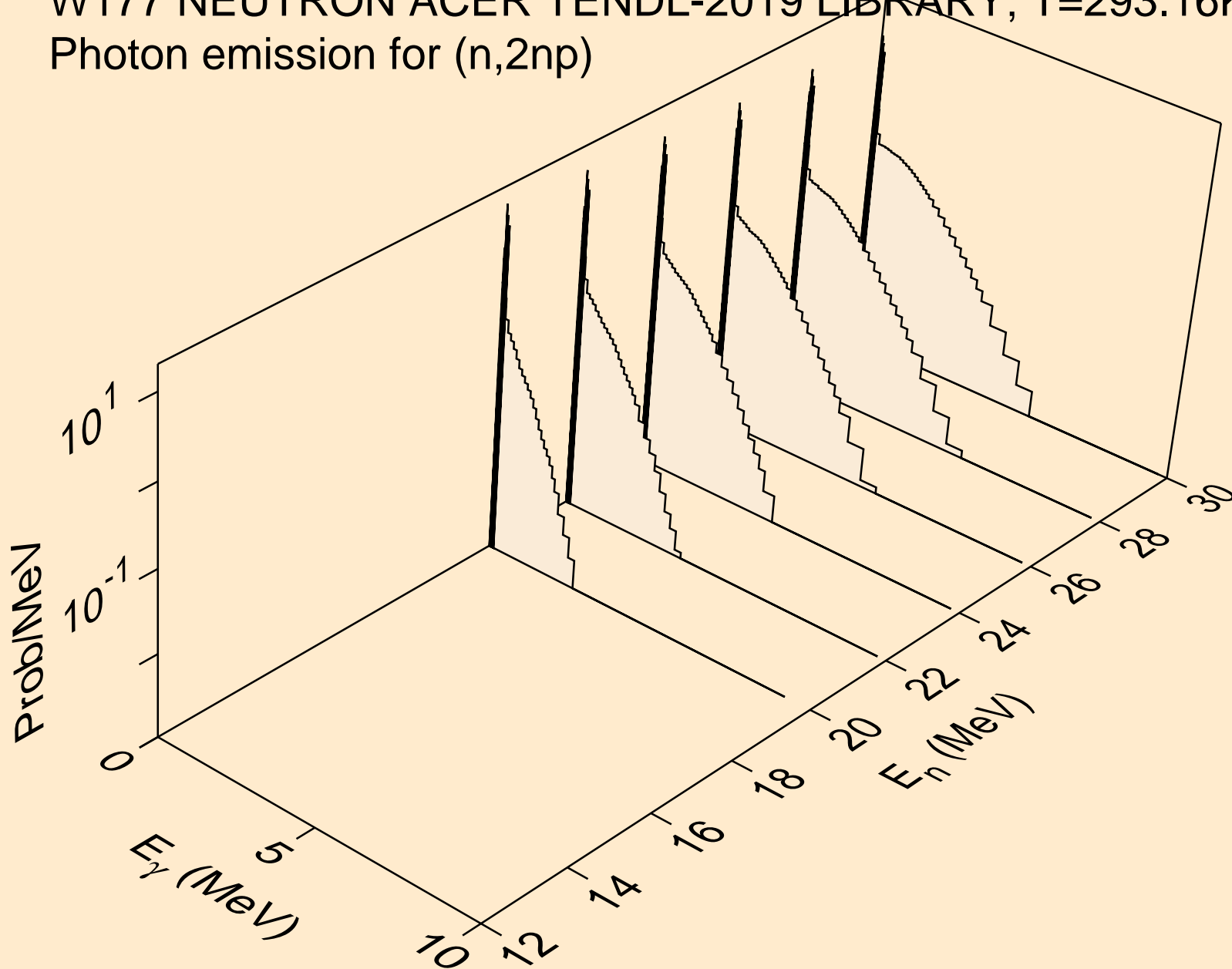
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



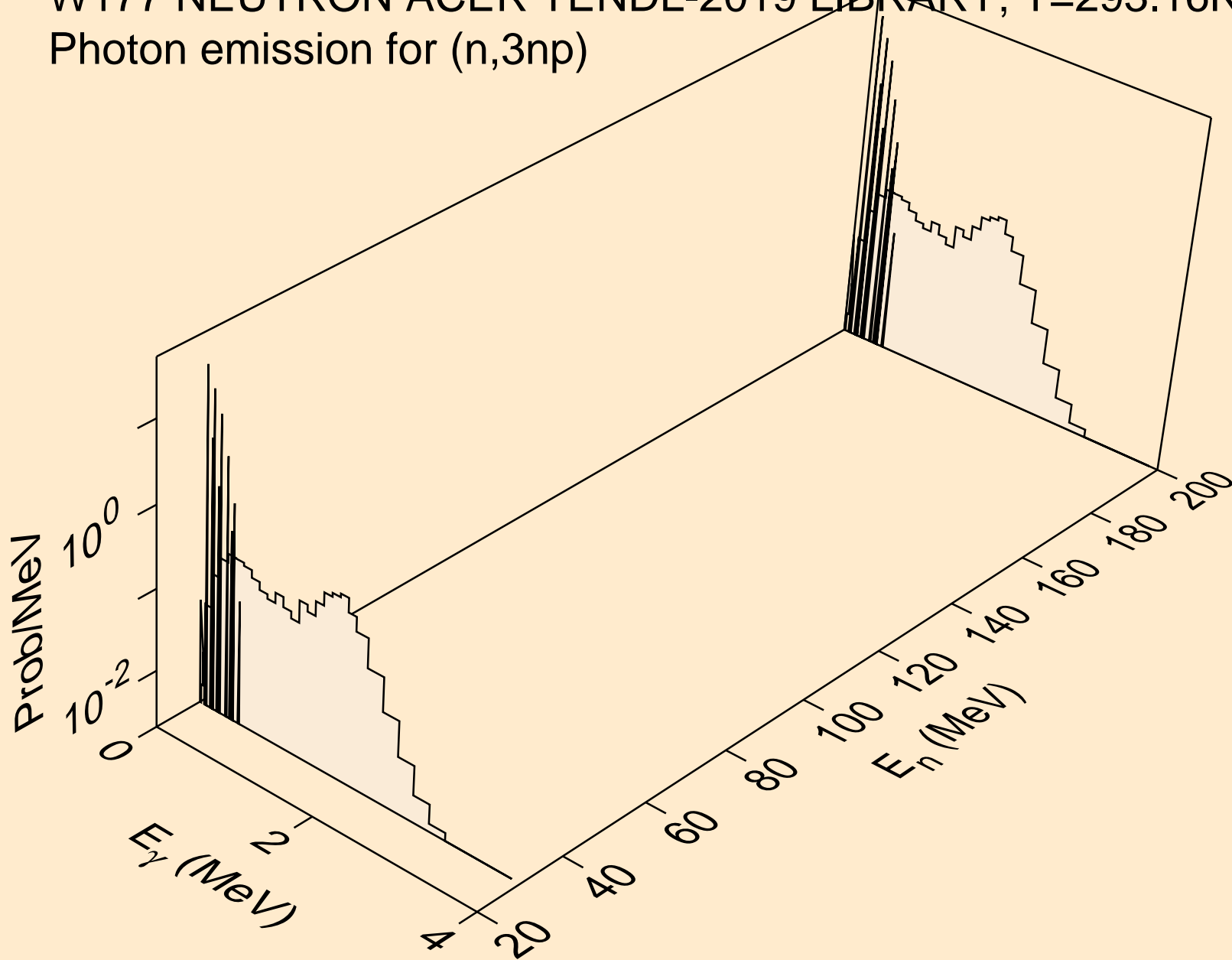
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



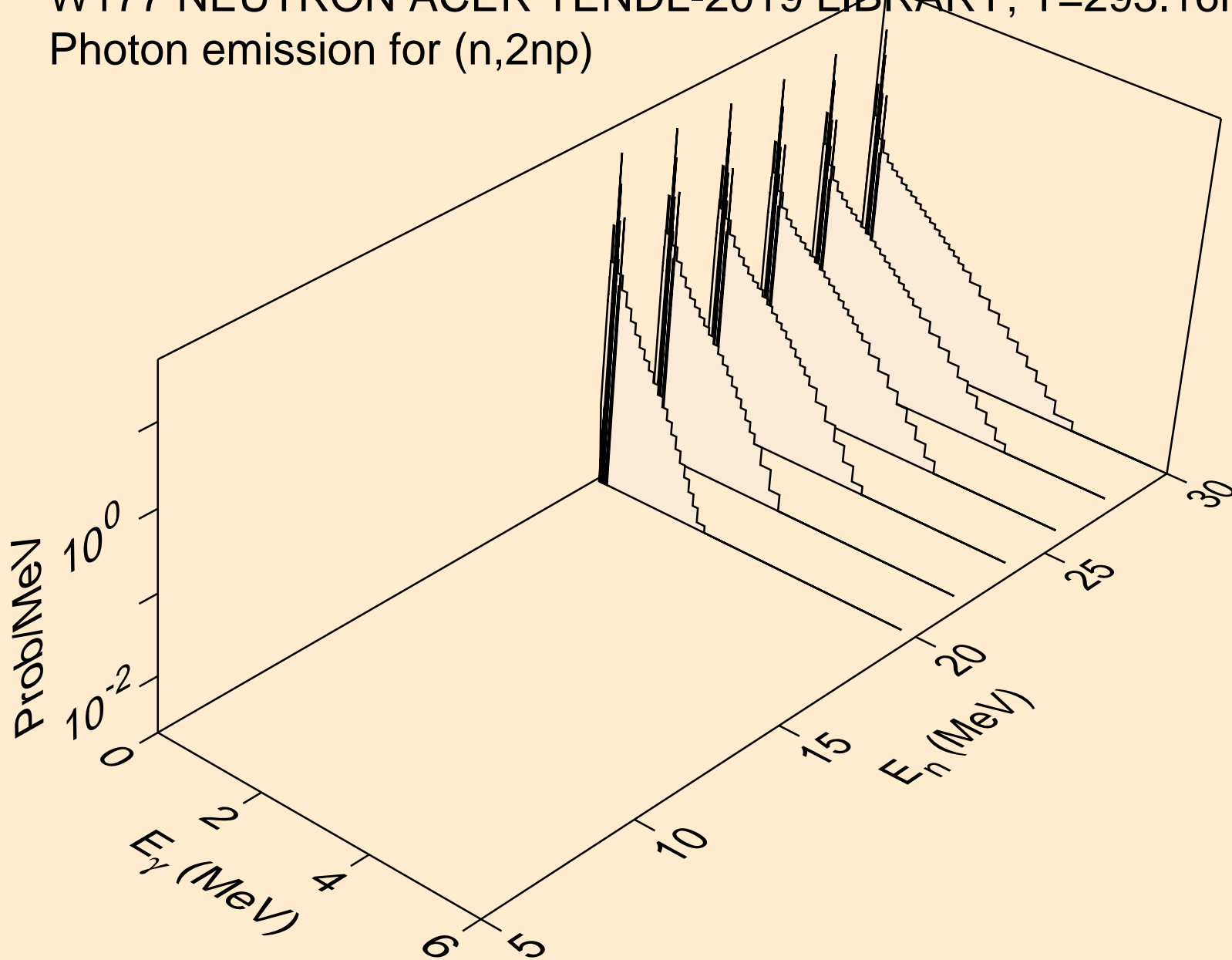
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



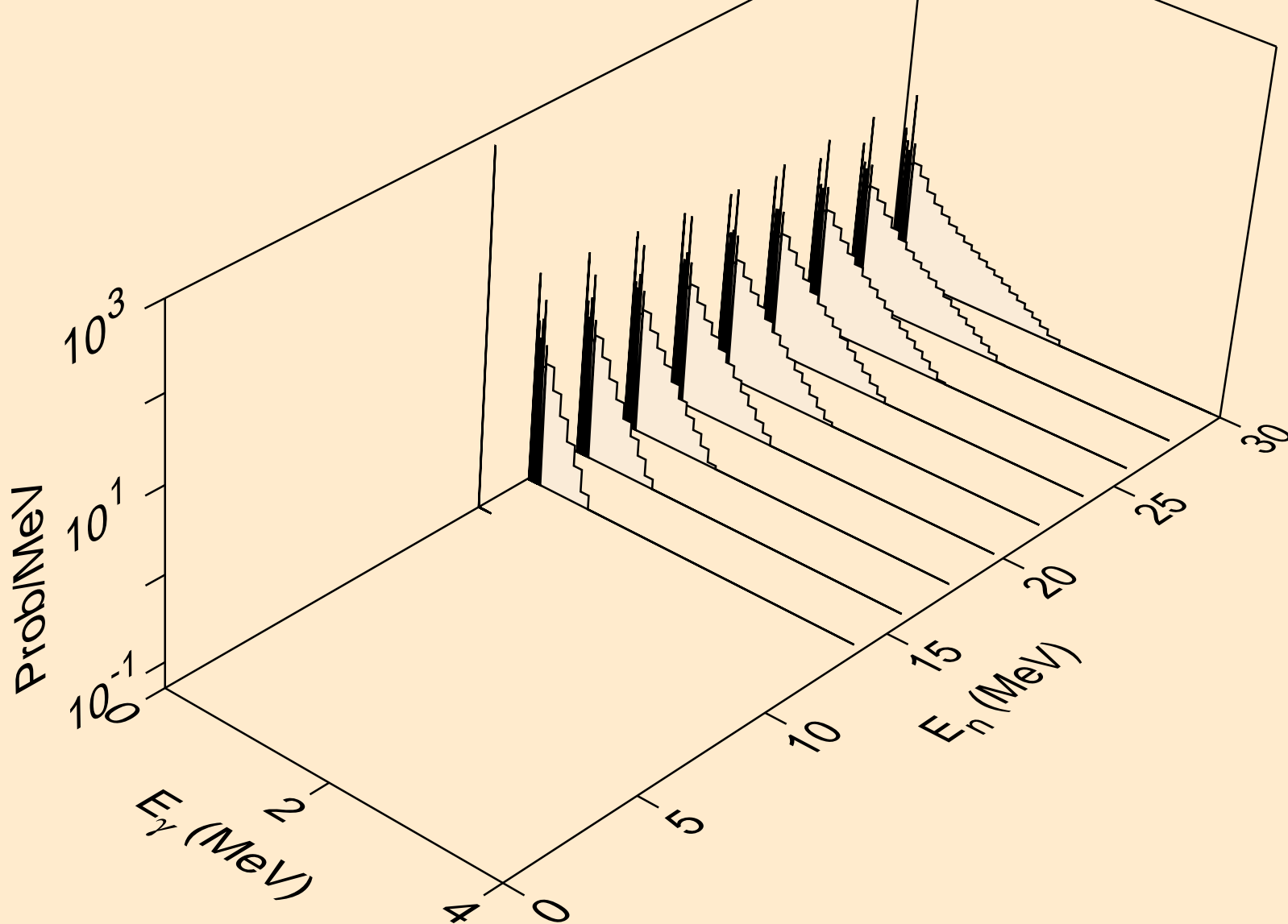
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



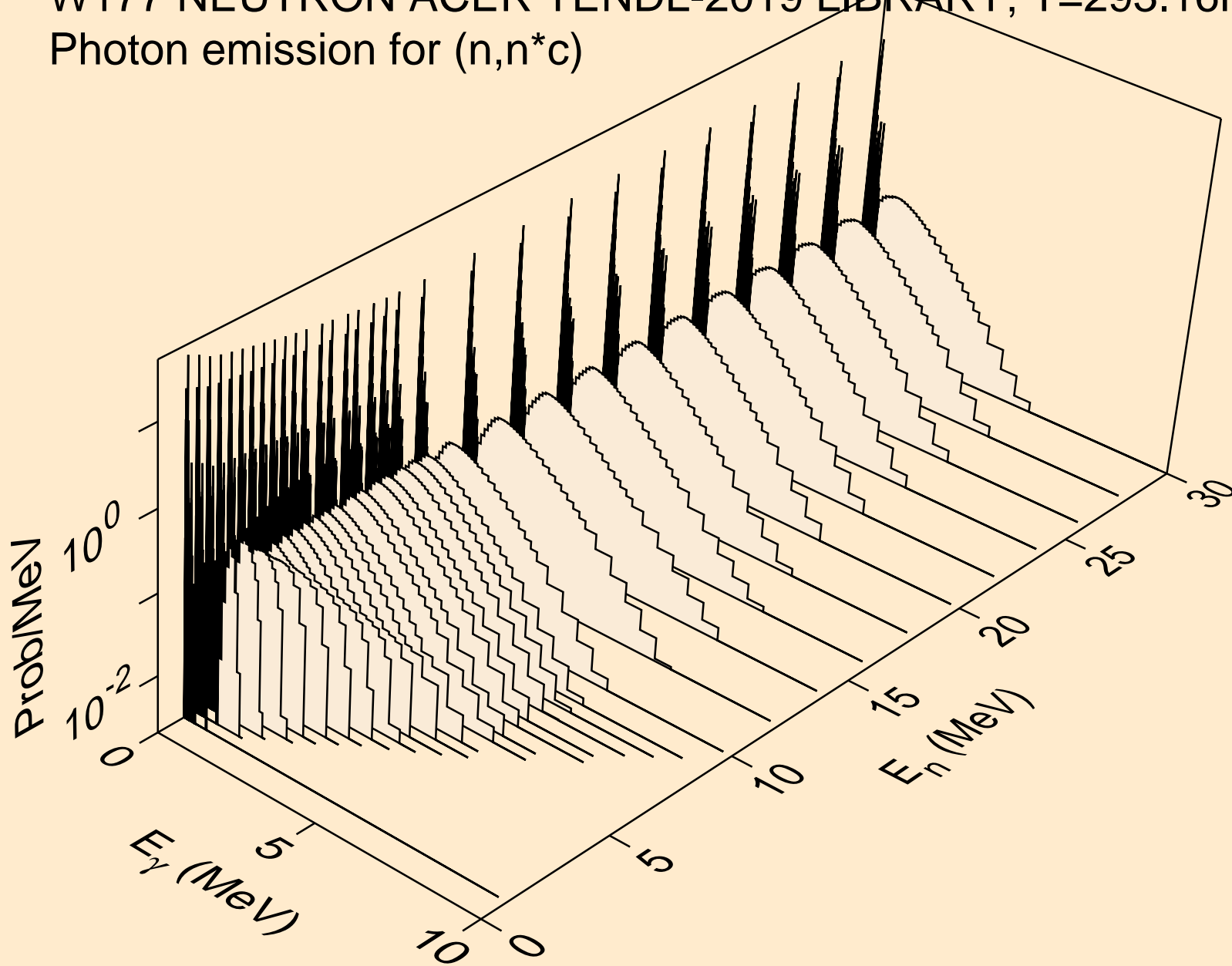
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



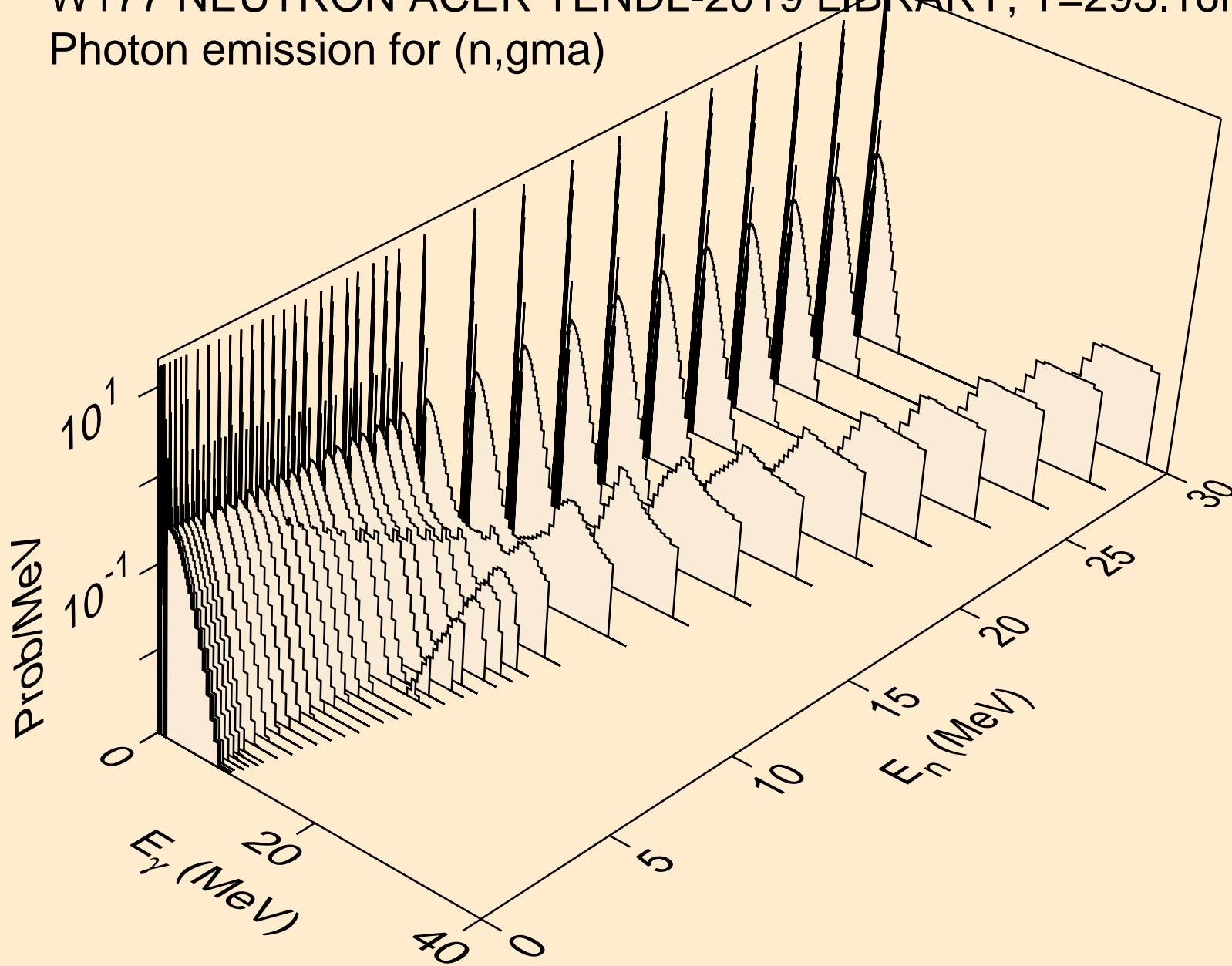
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



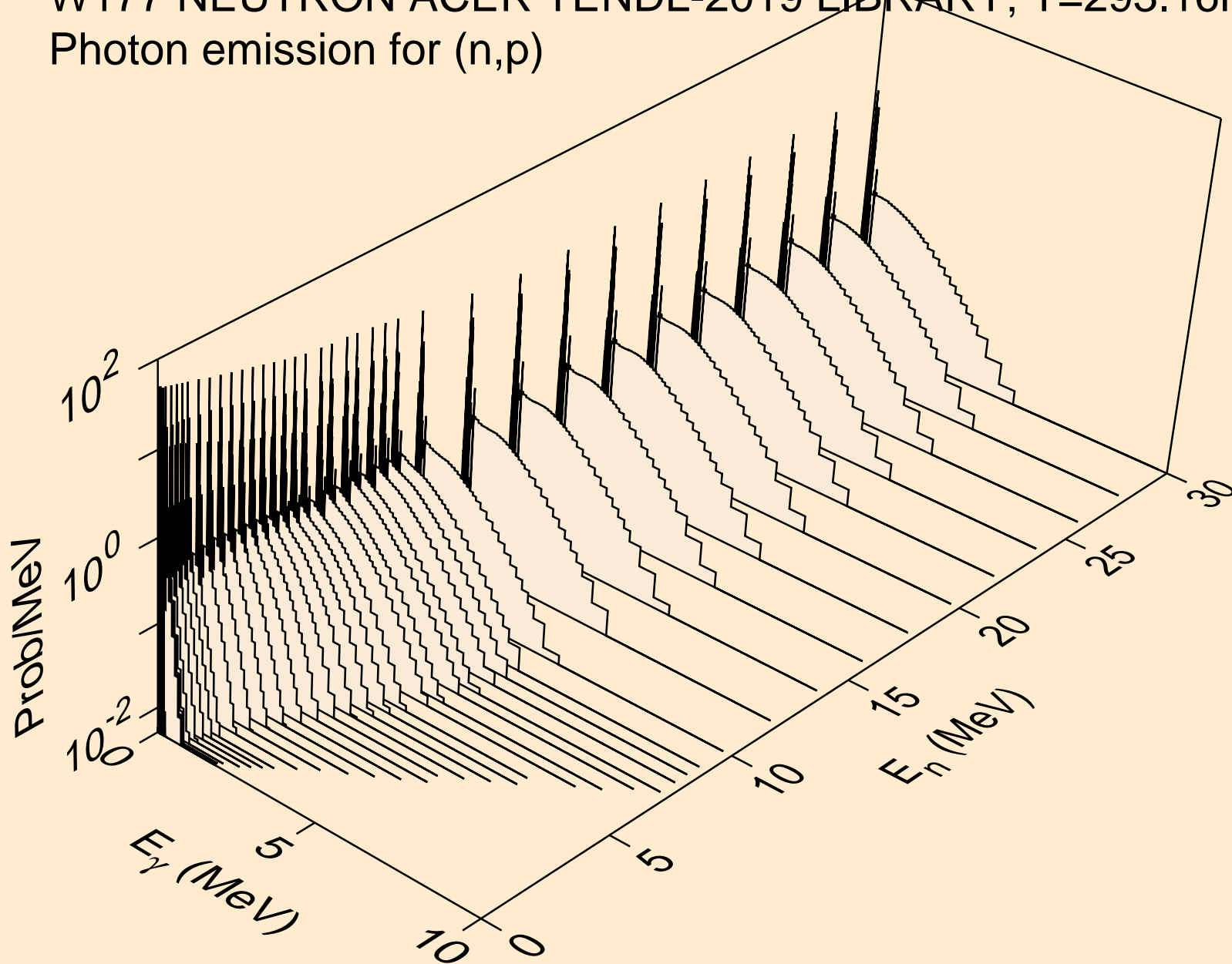
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



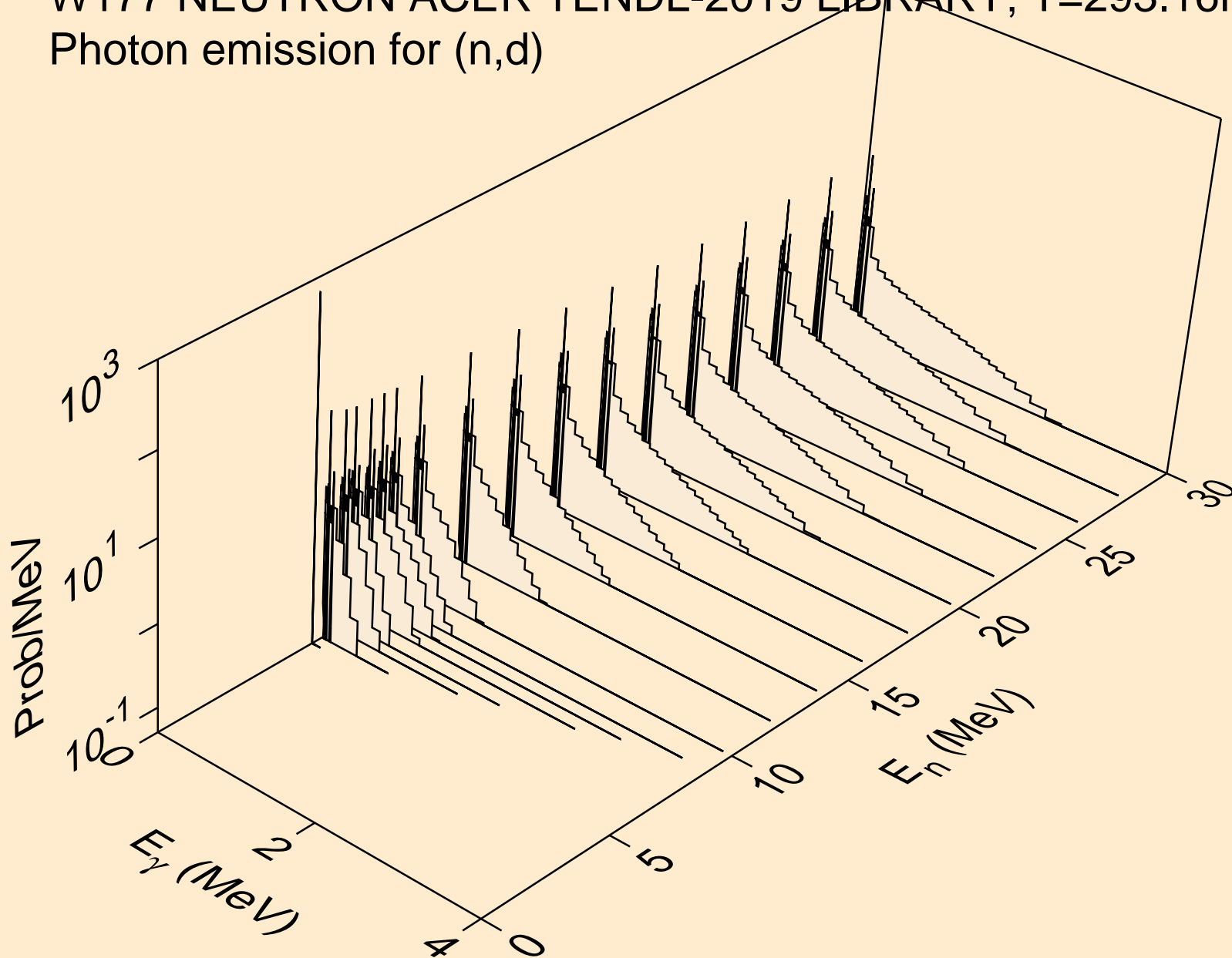
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



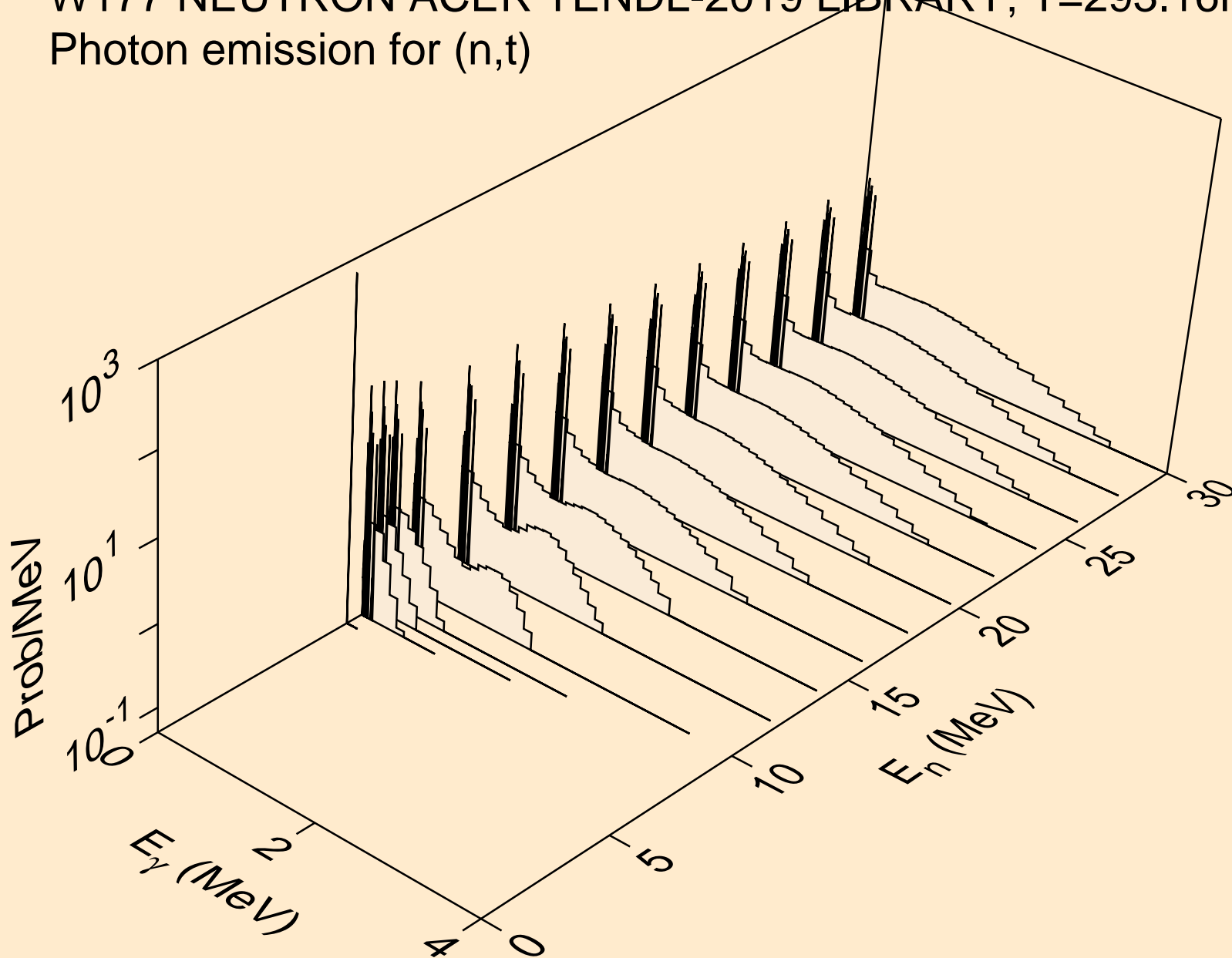
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



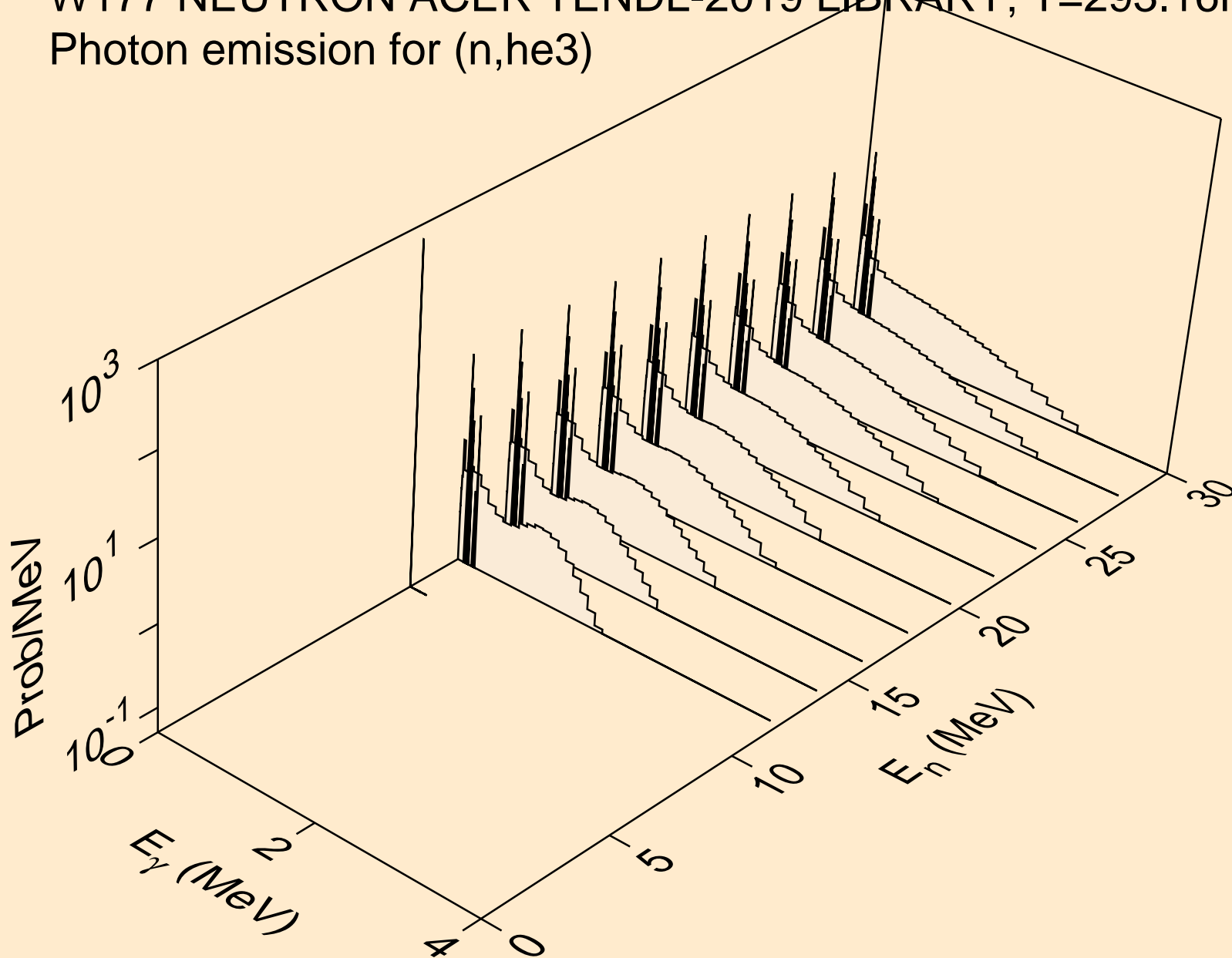
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



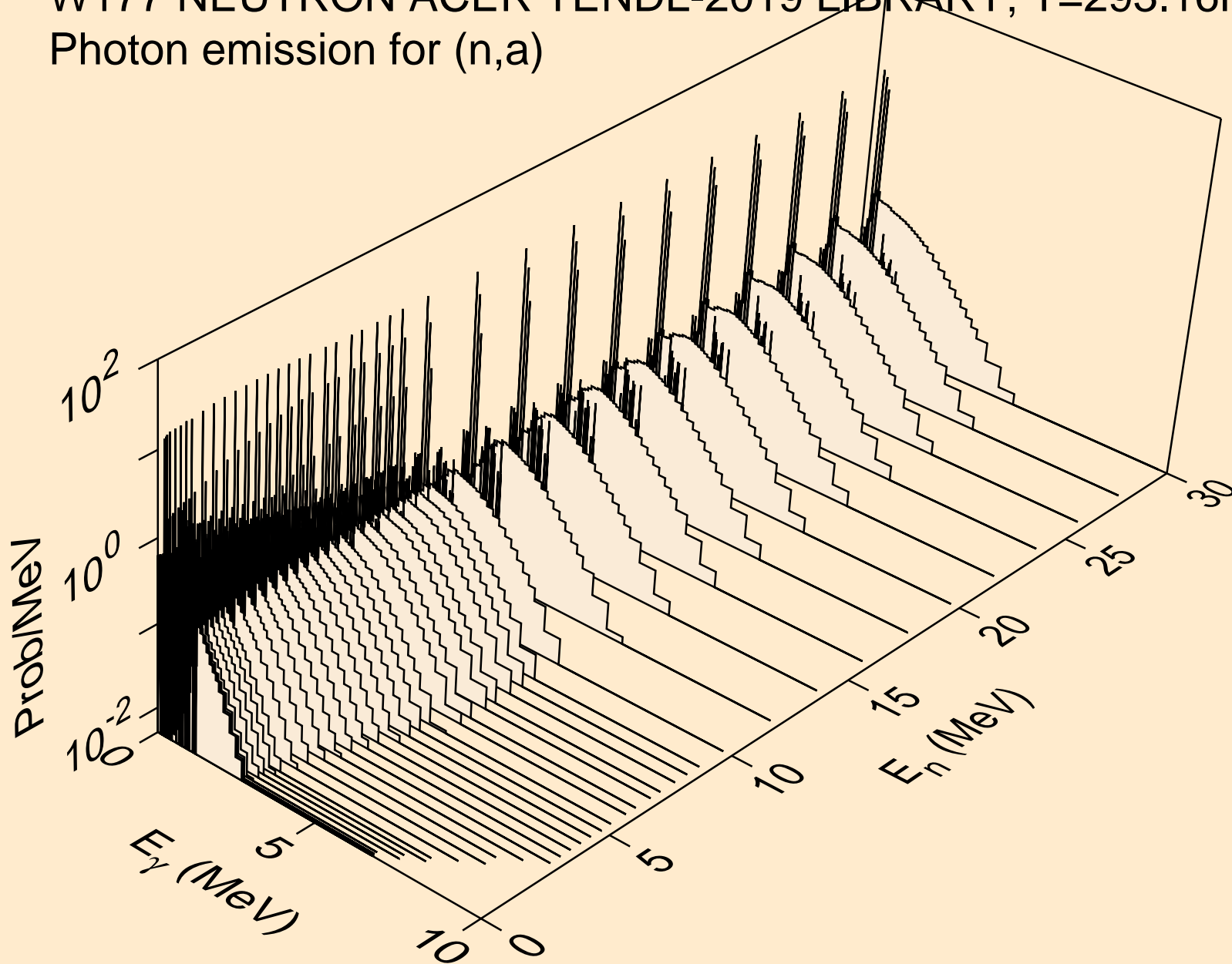
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



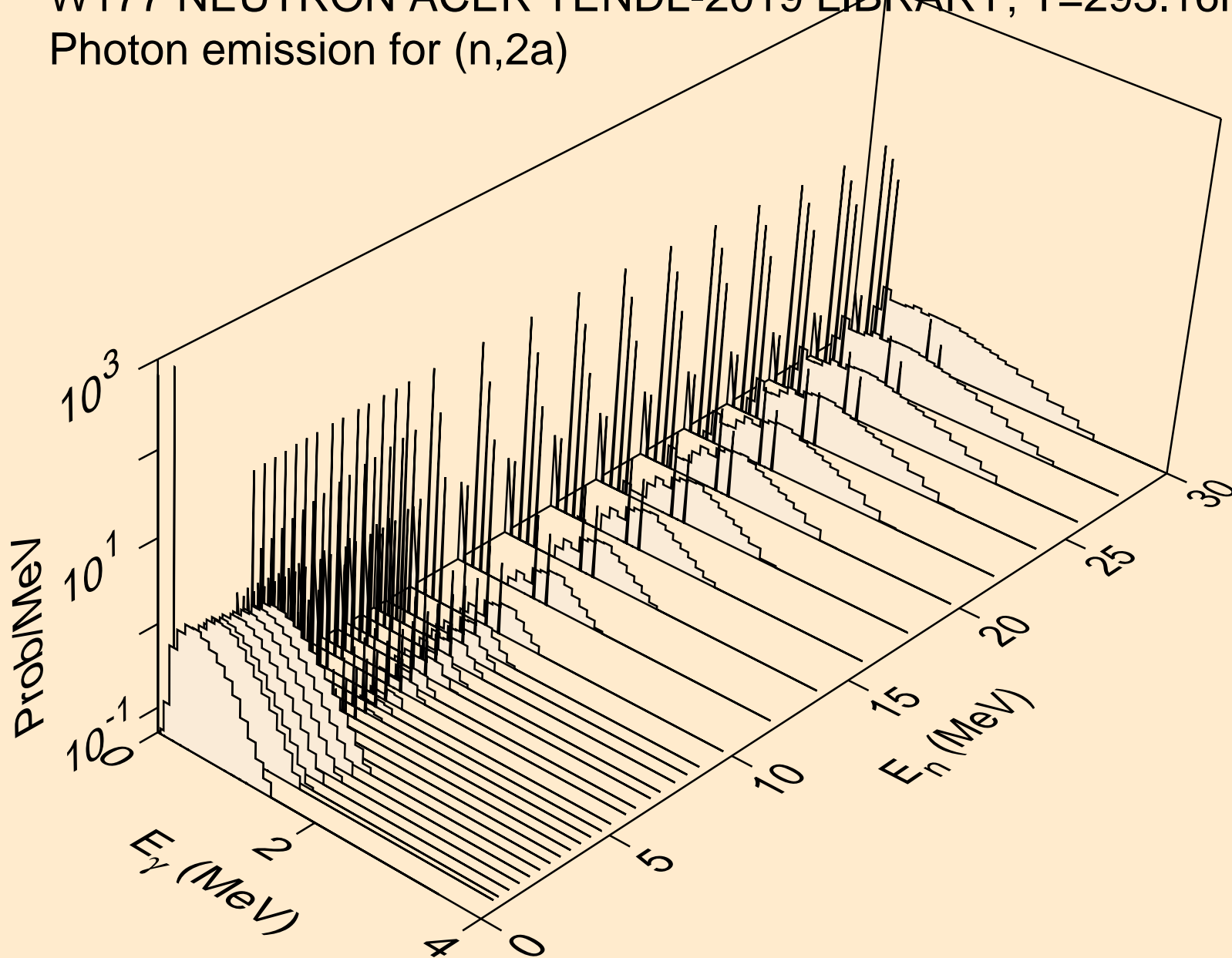
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



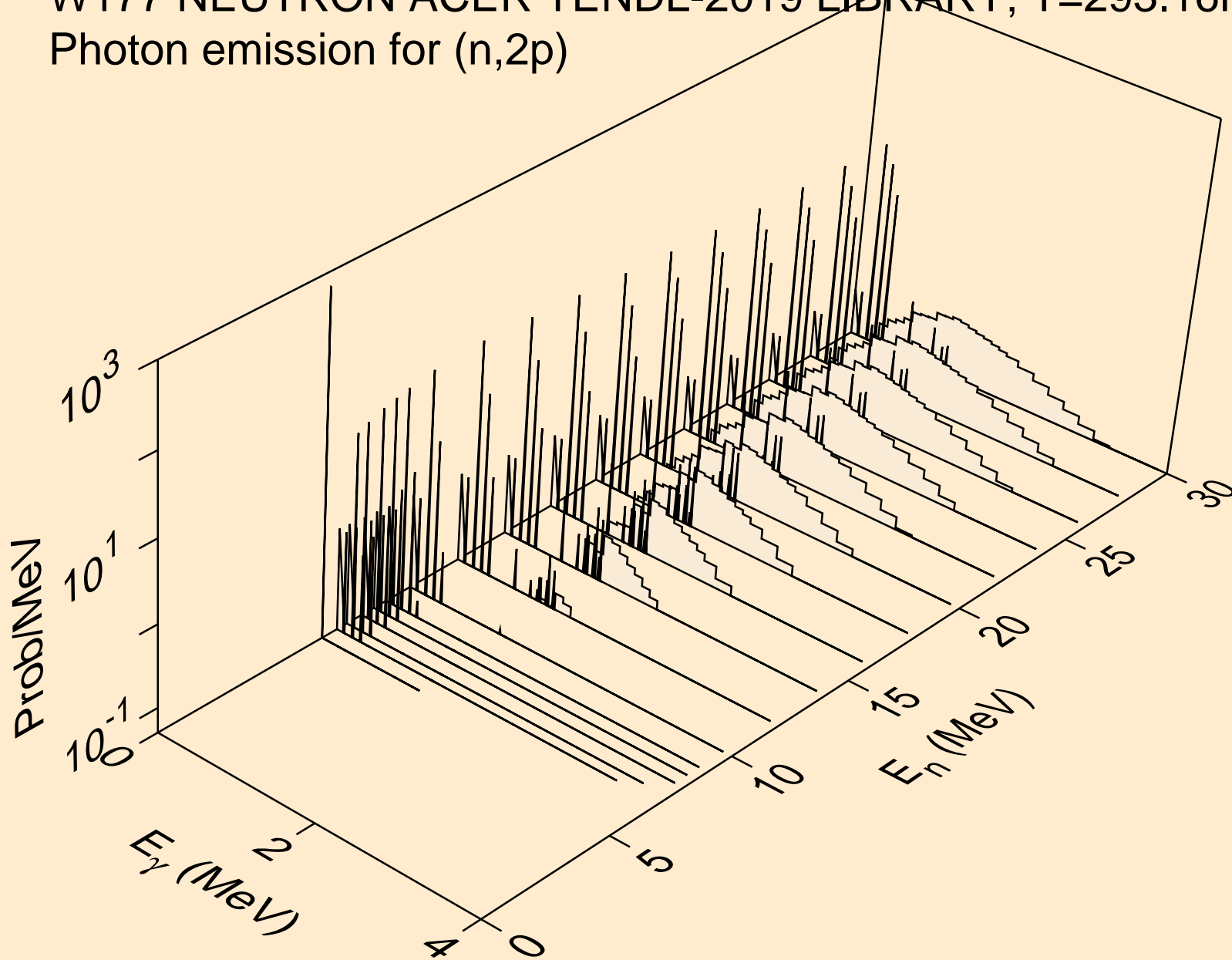
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



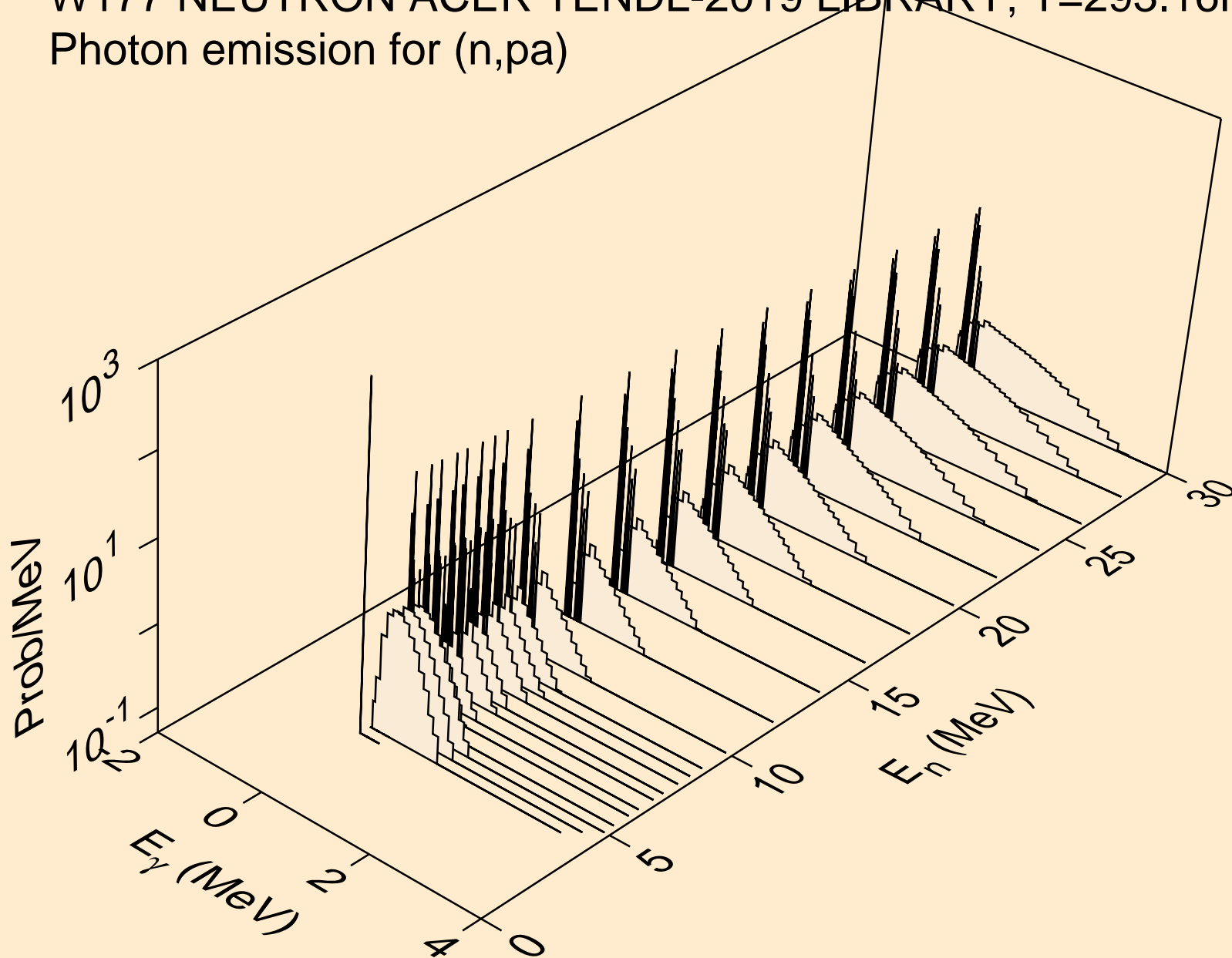
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



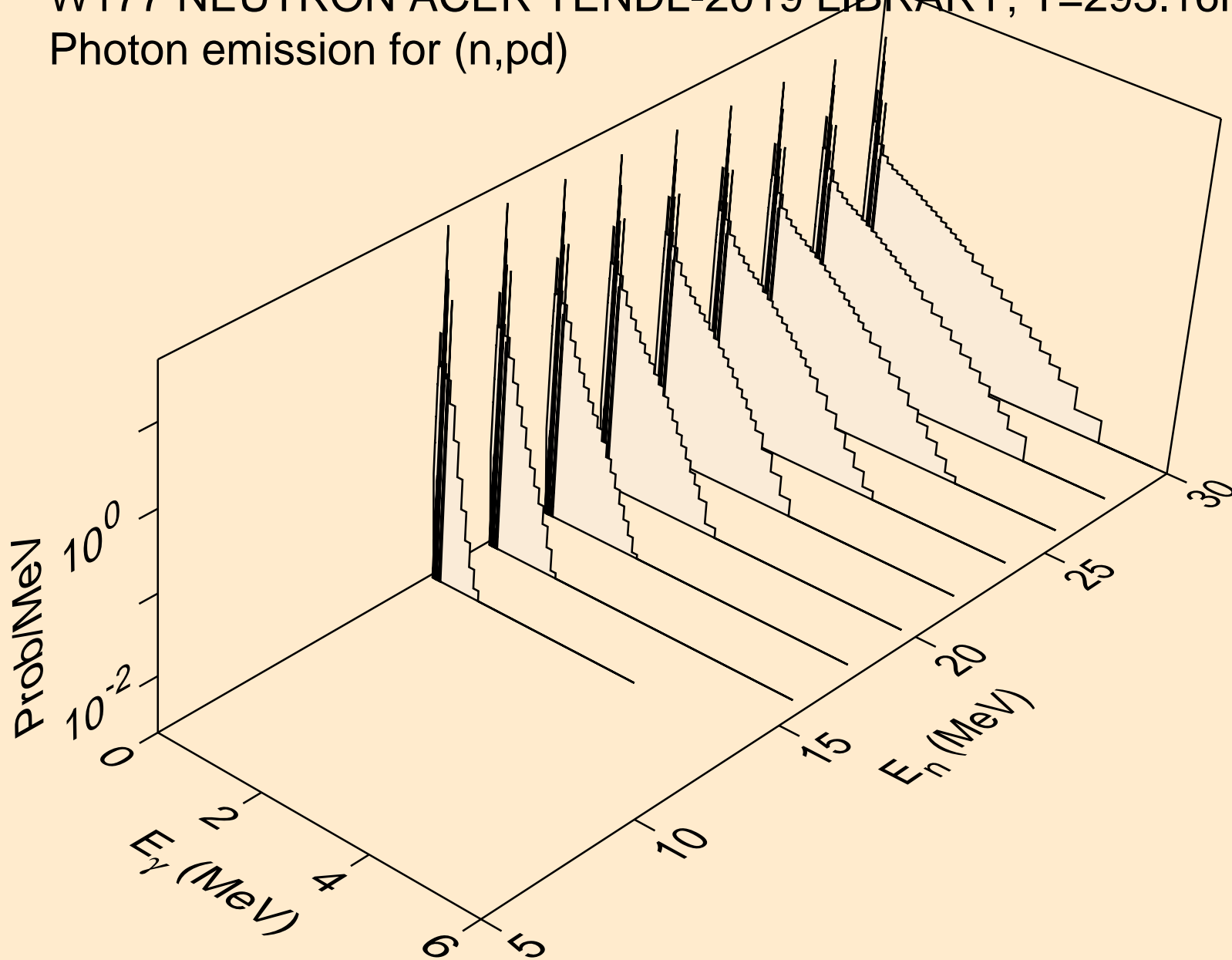
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



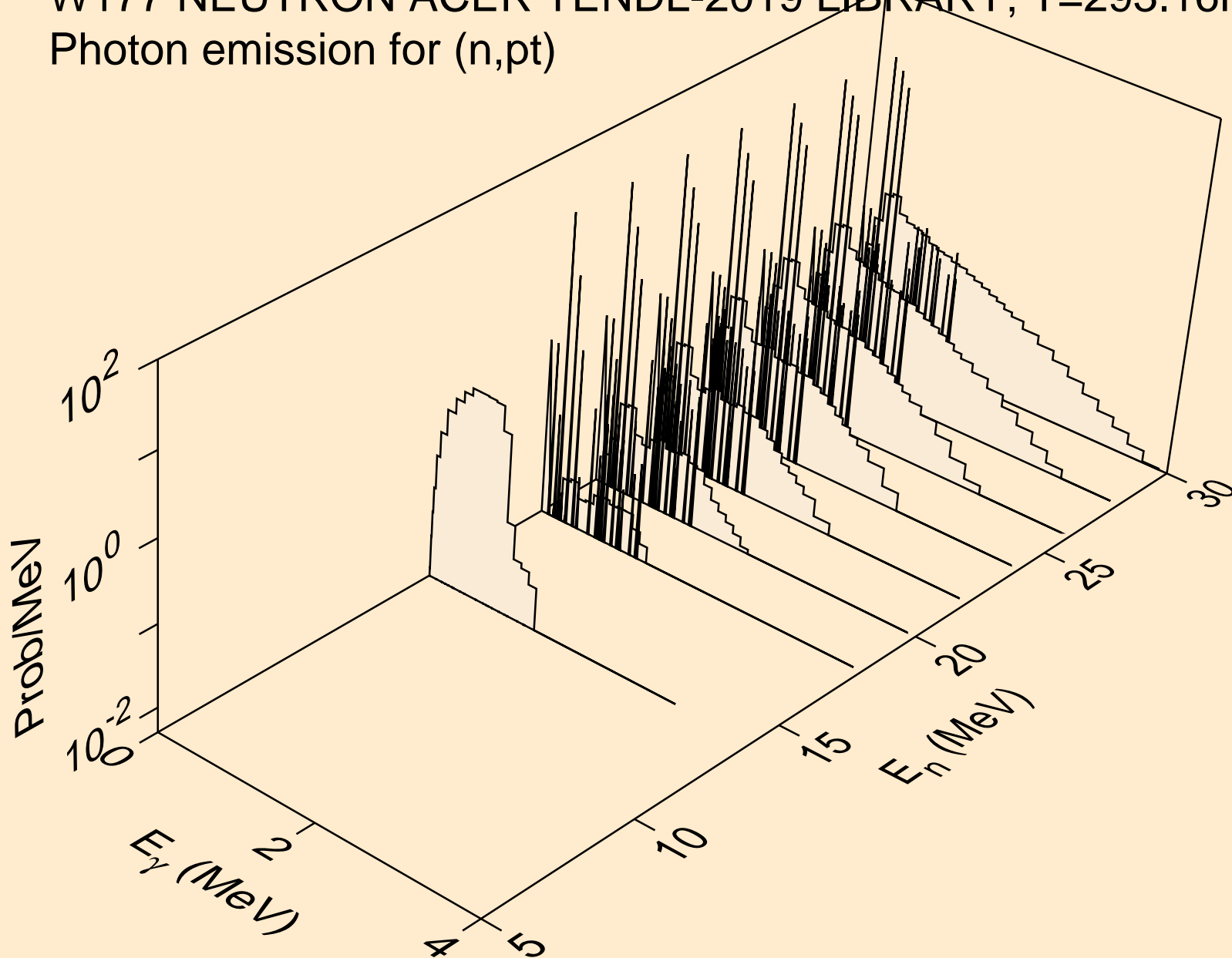
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



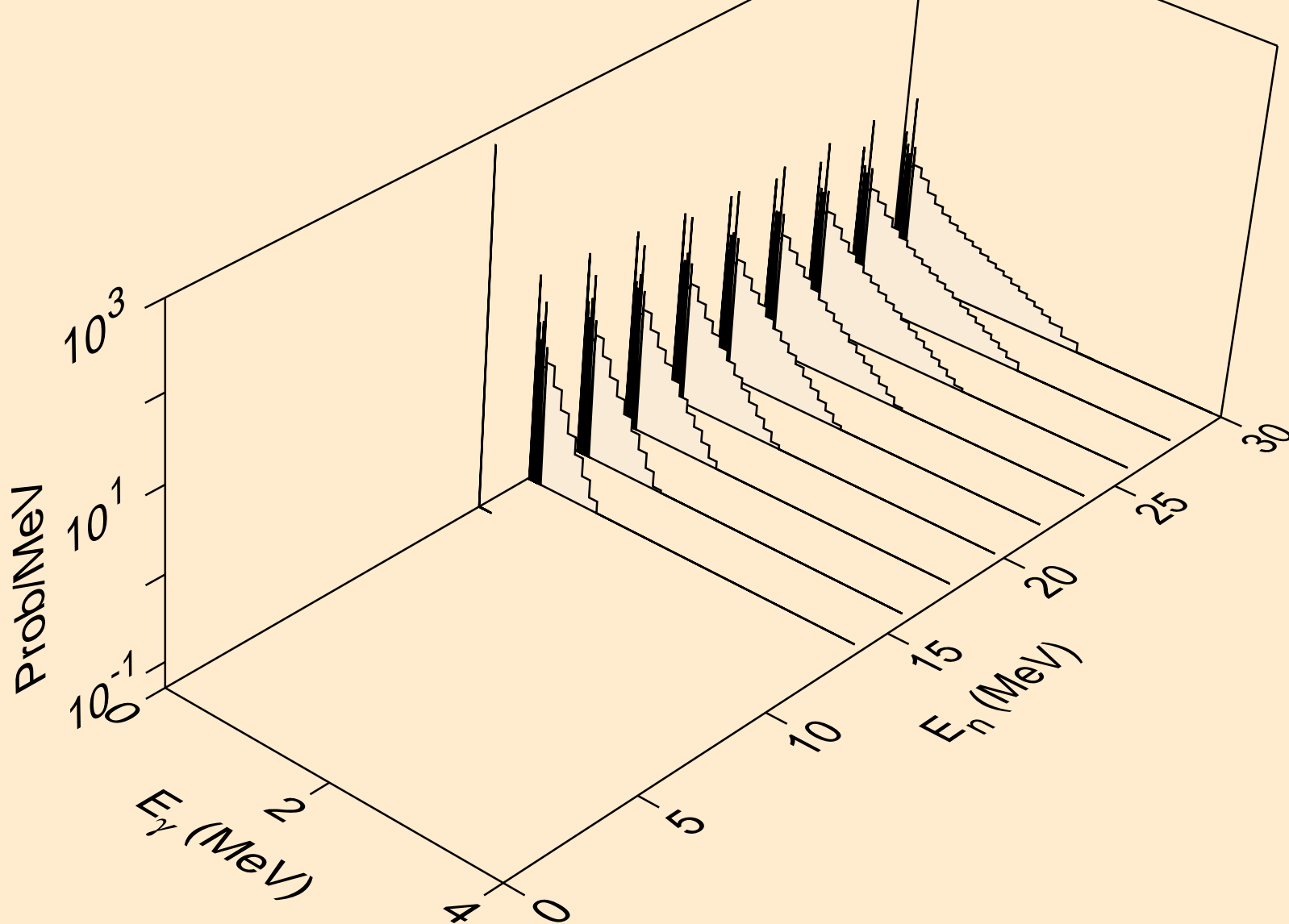
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



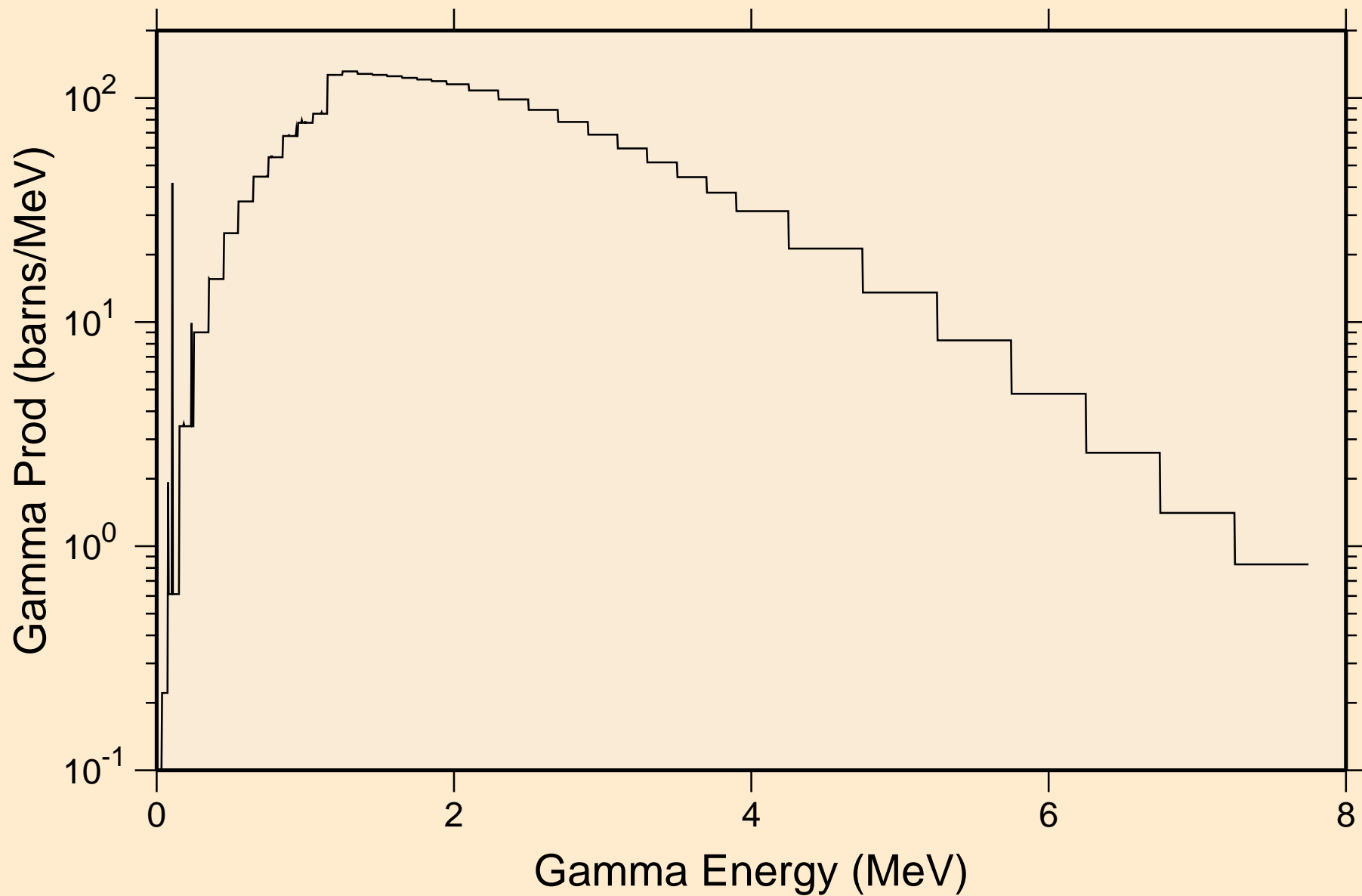
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



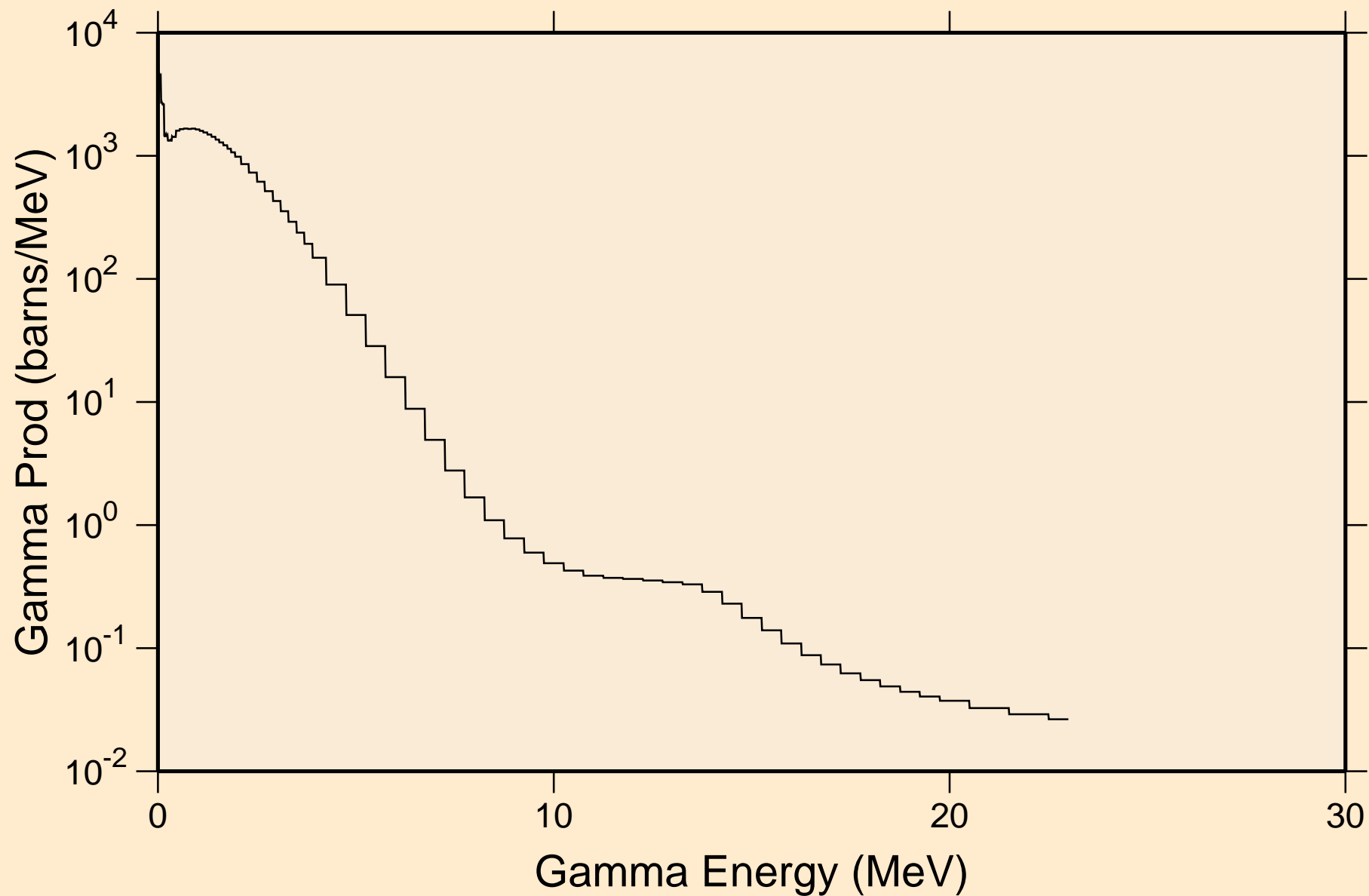
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

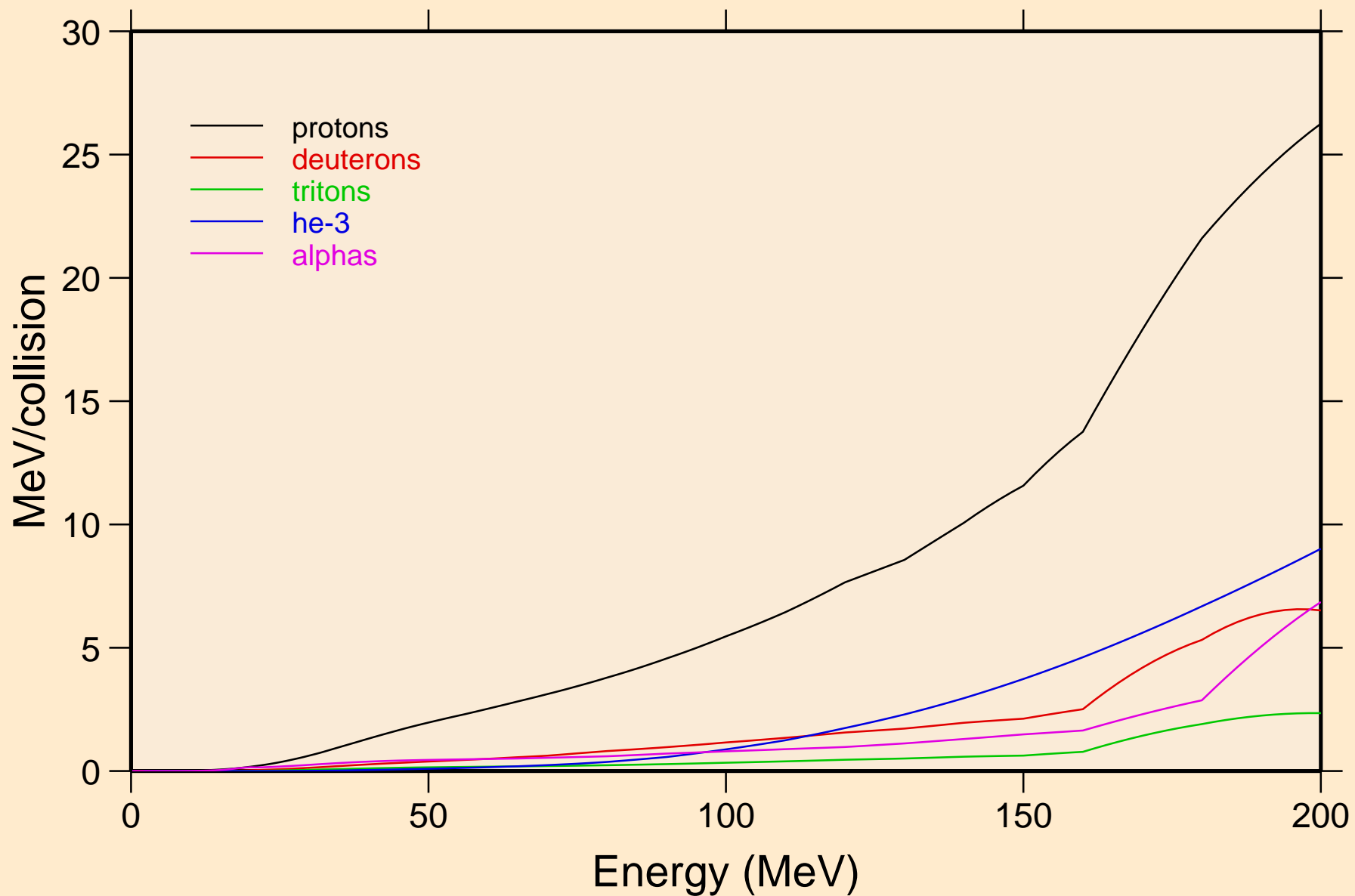


W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

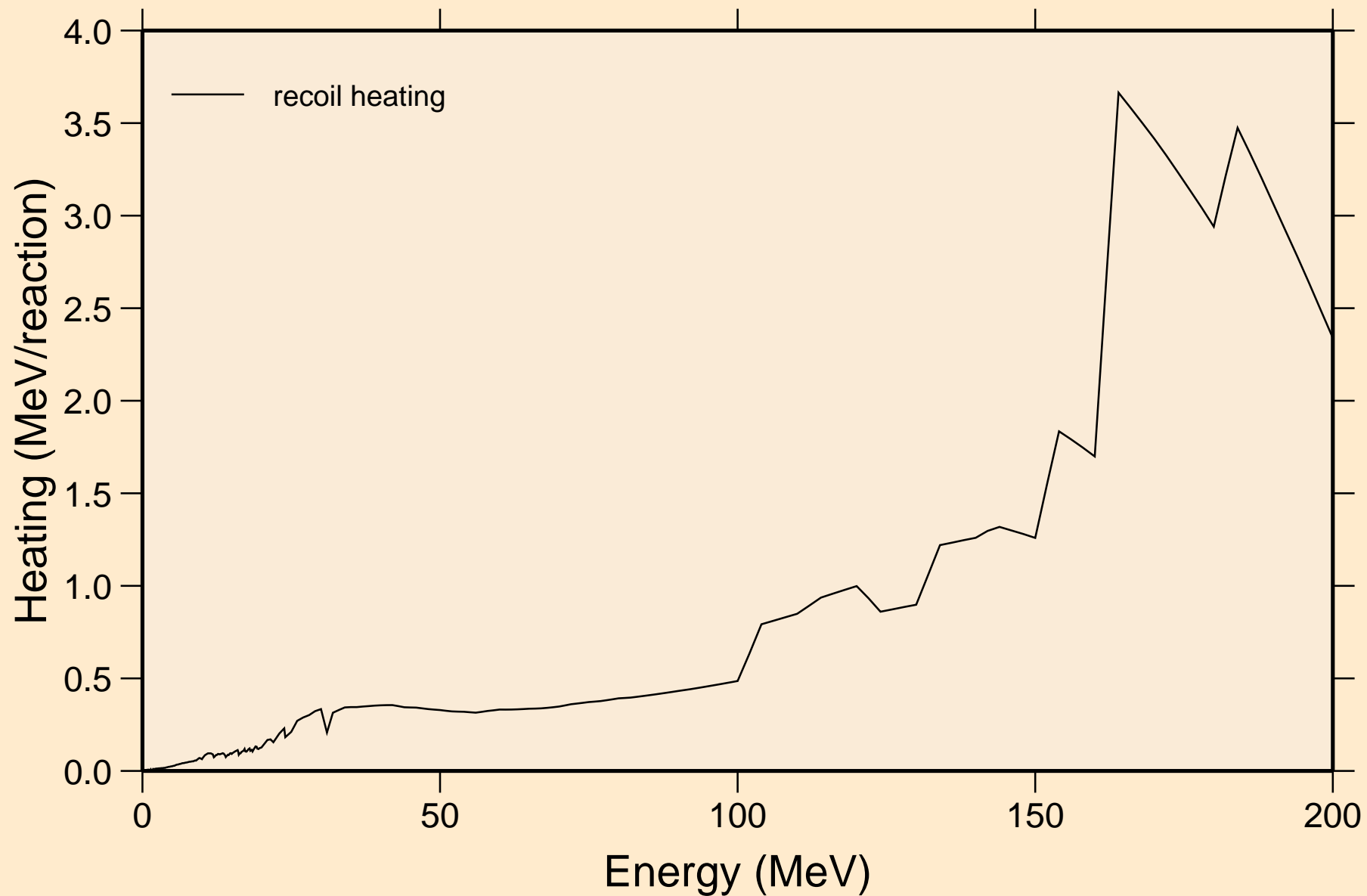


W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

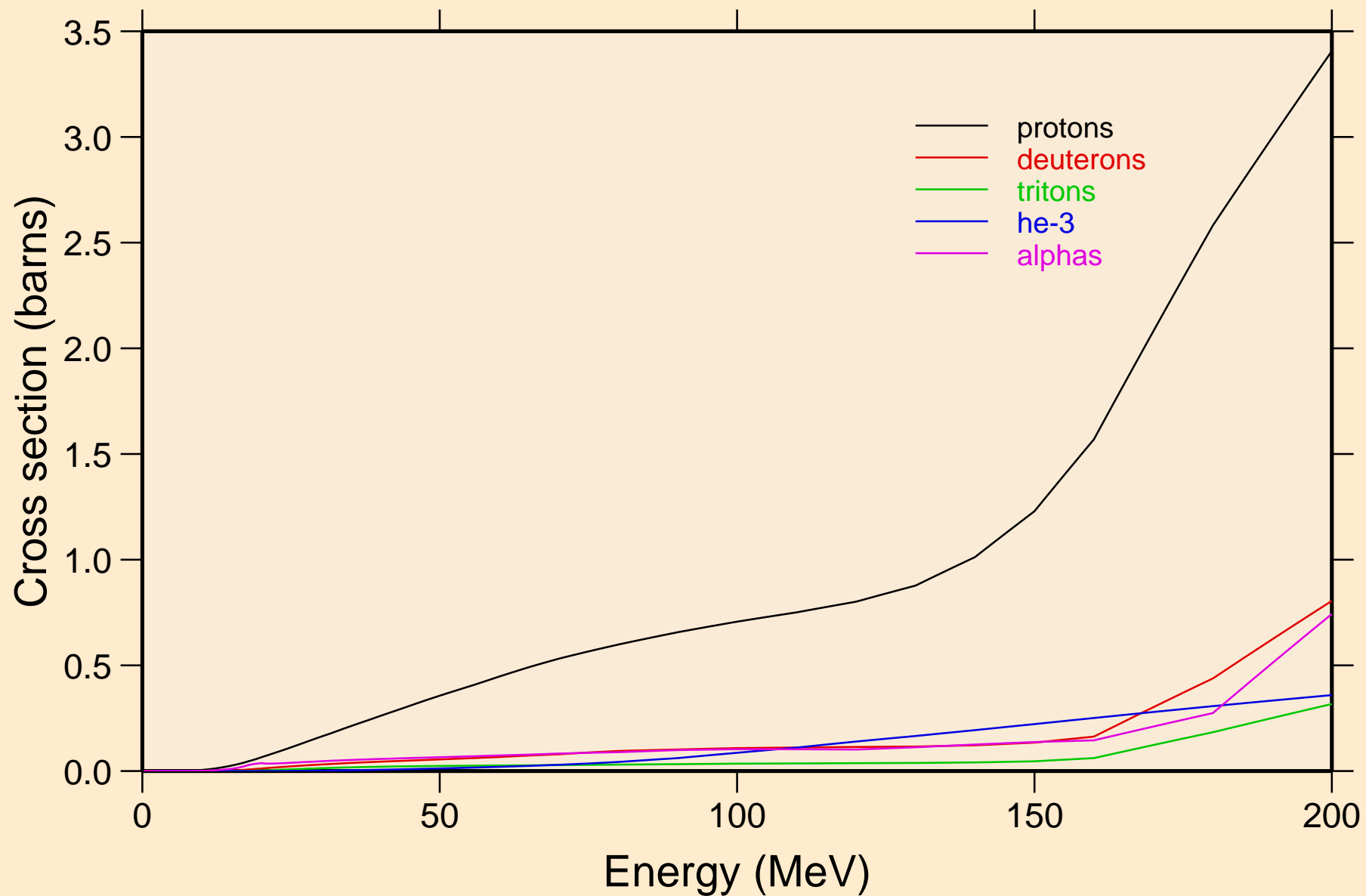
Particle heating contributions



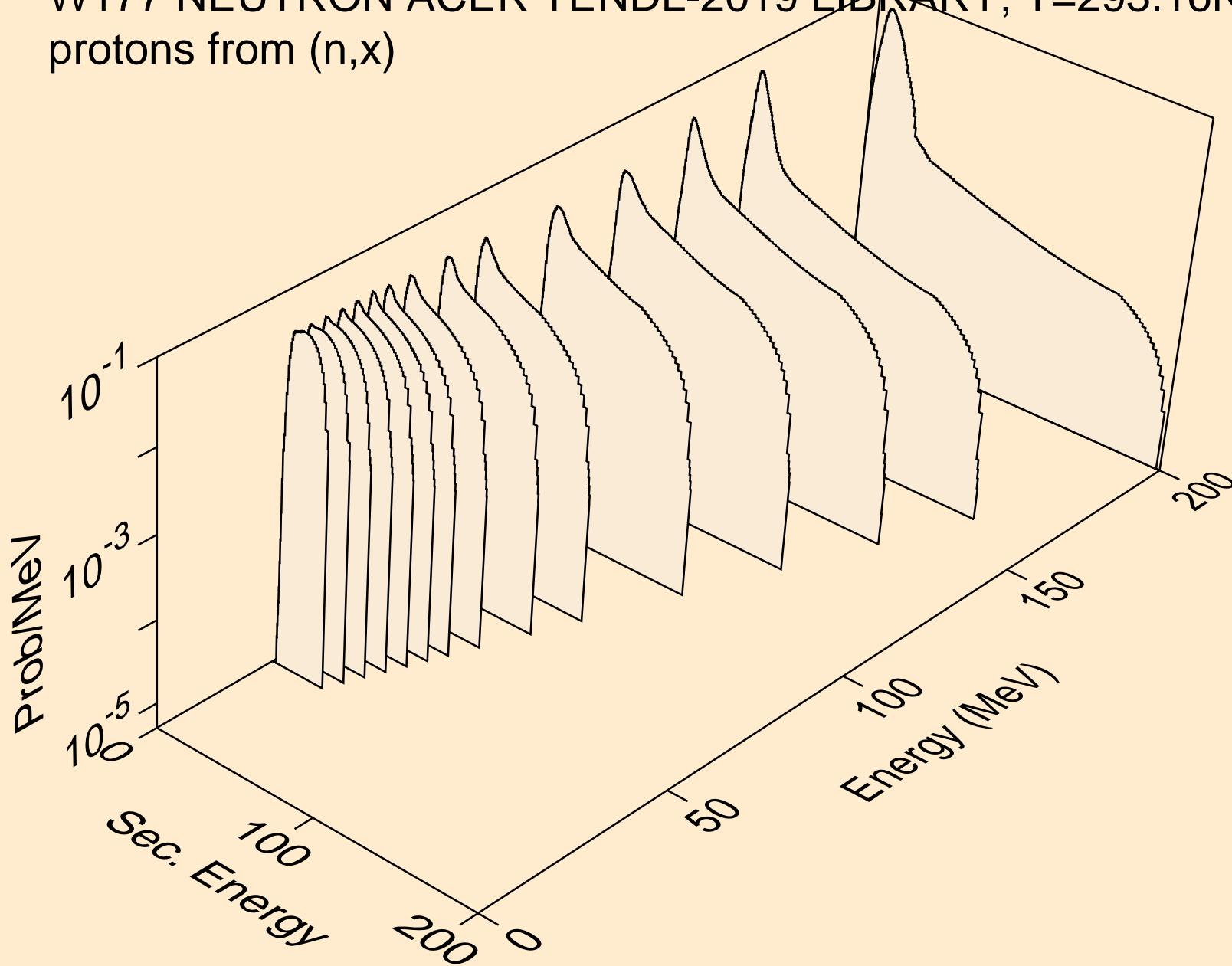
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



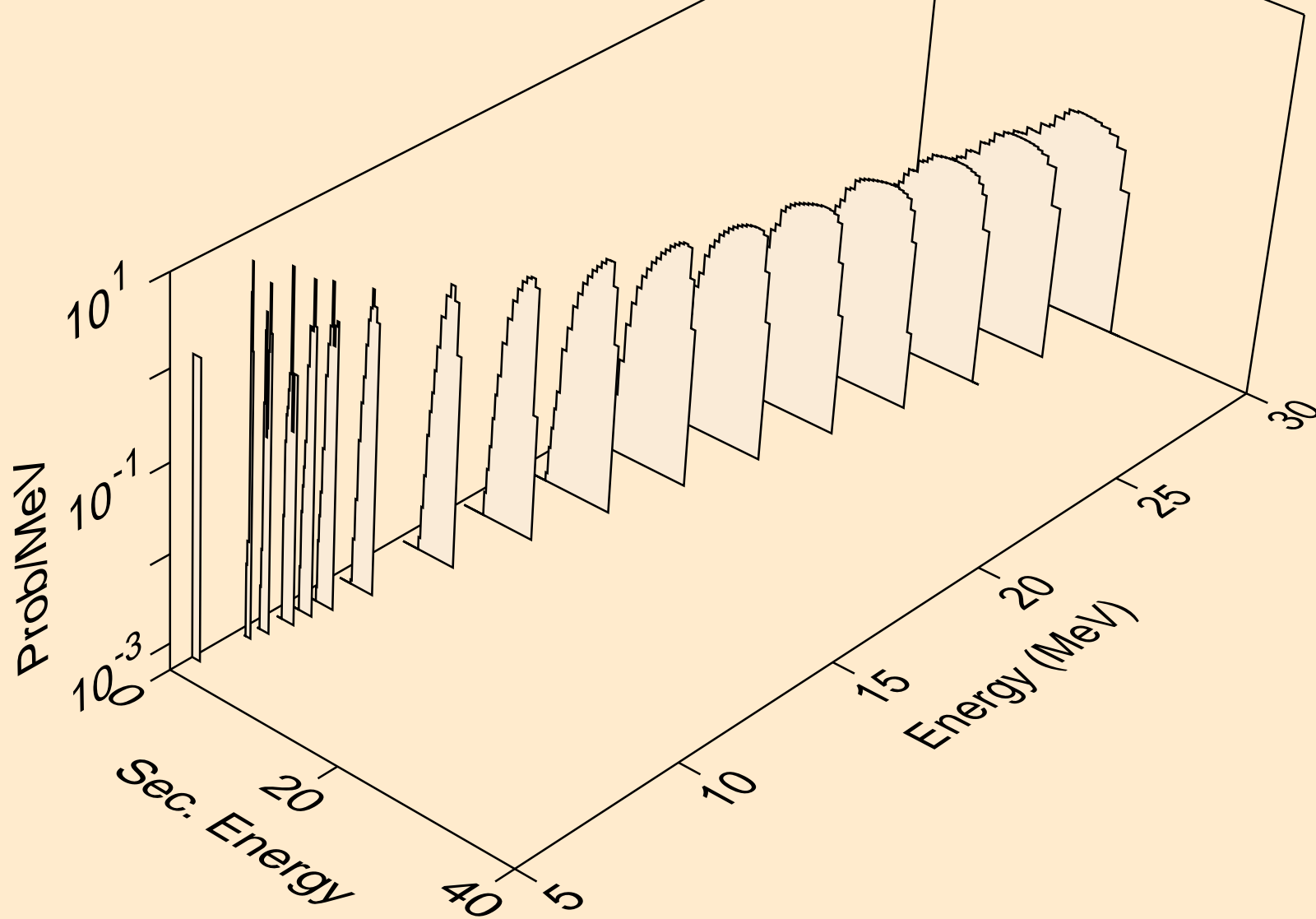
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



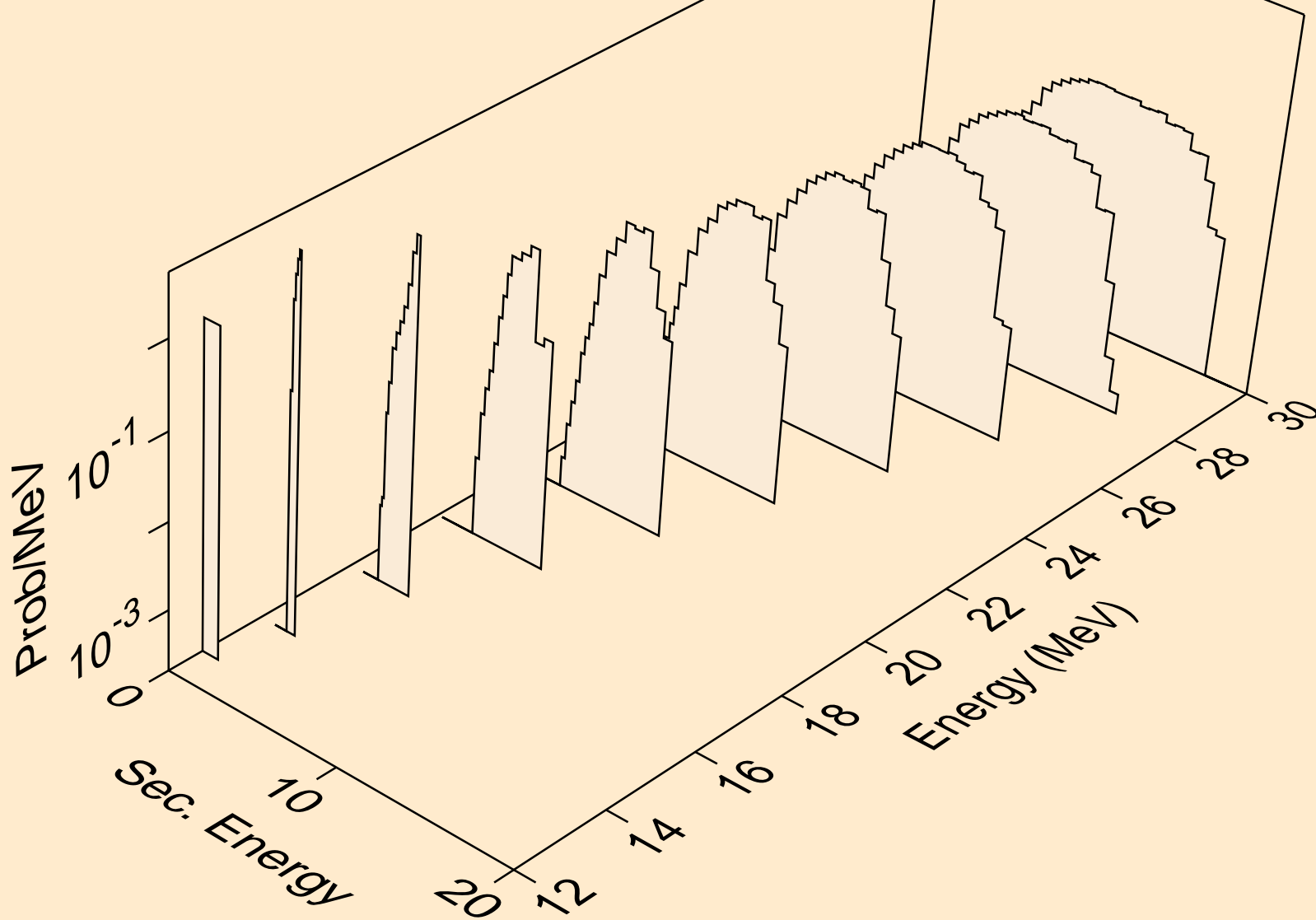
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



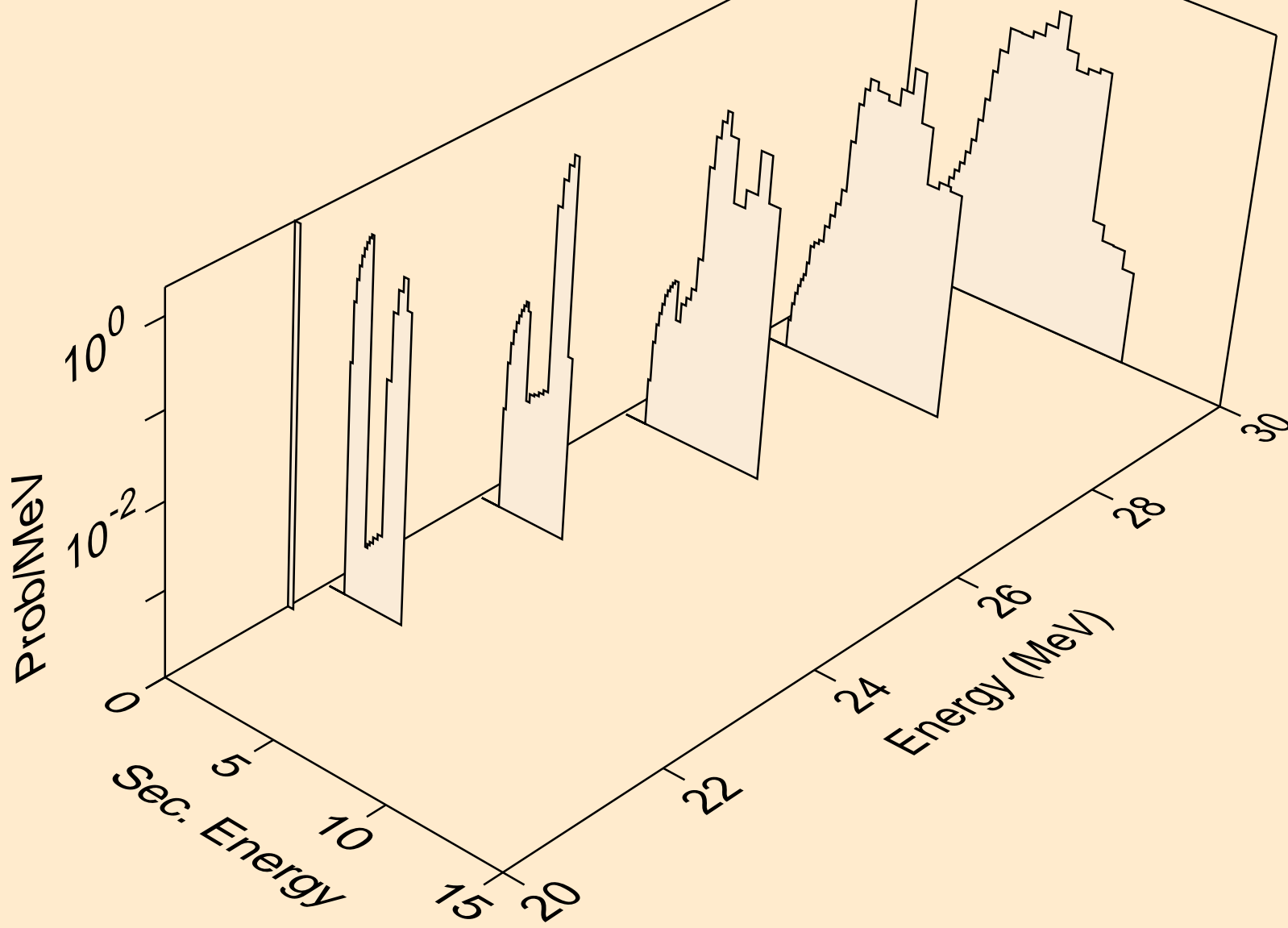
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



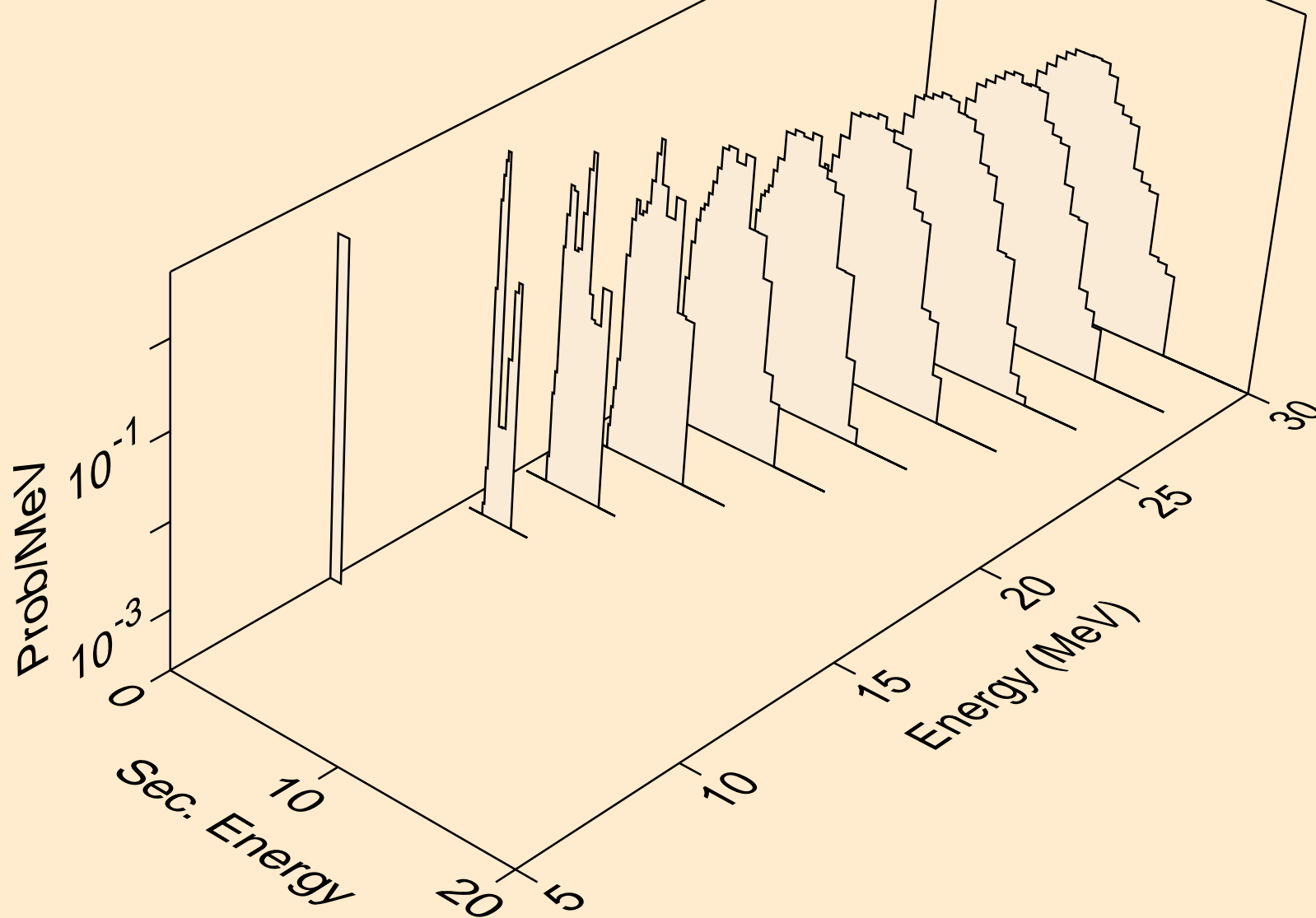
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



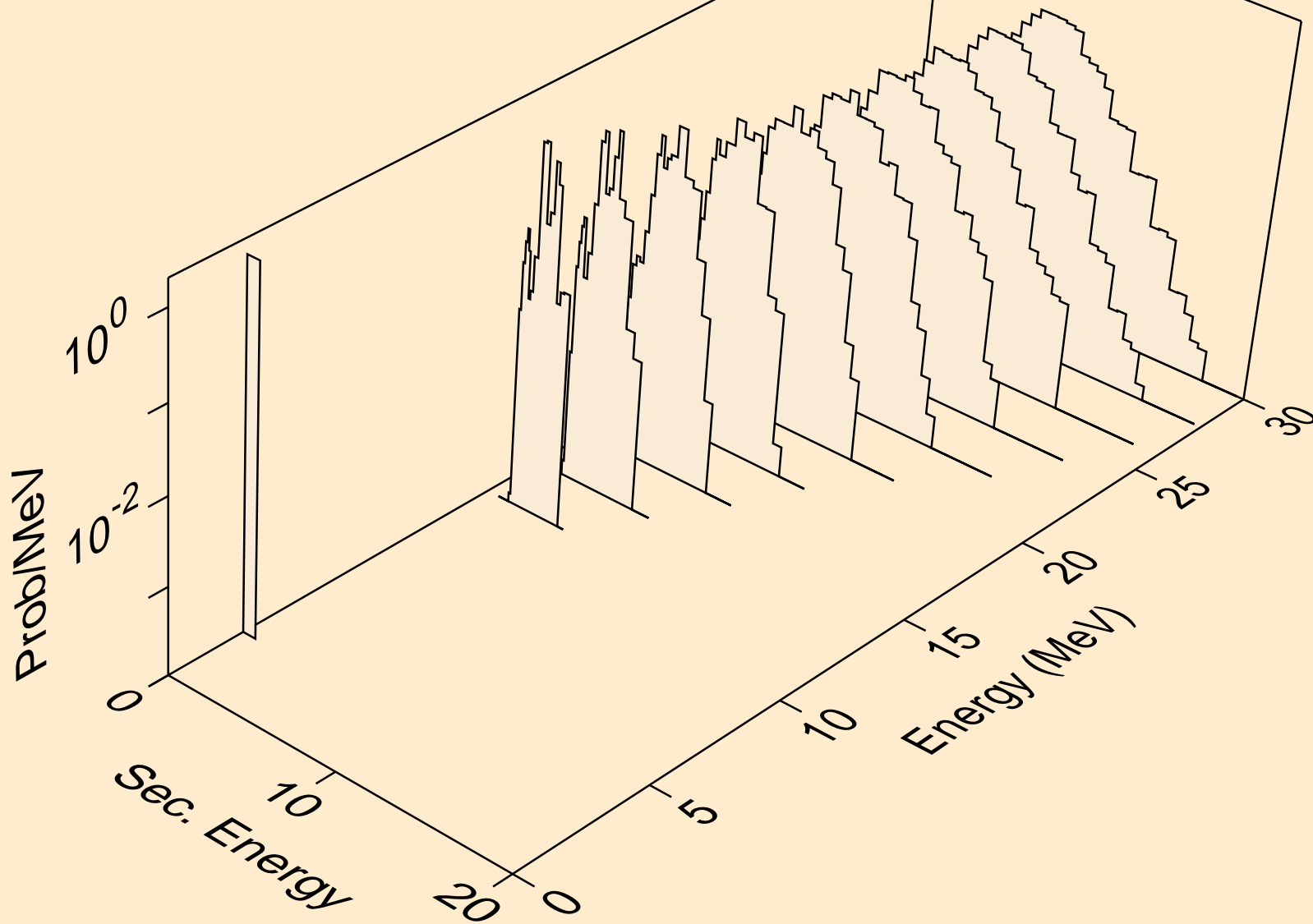
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



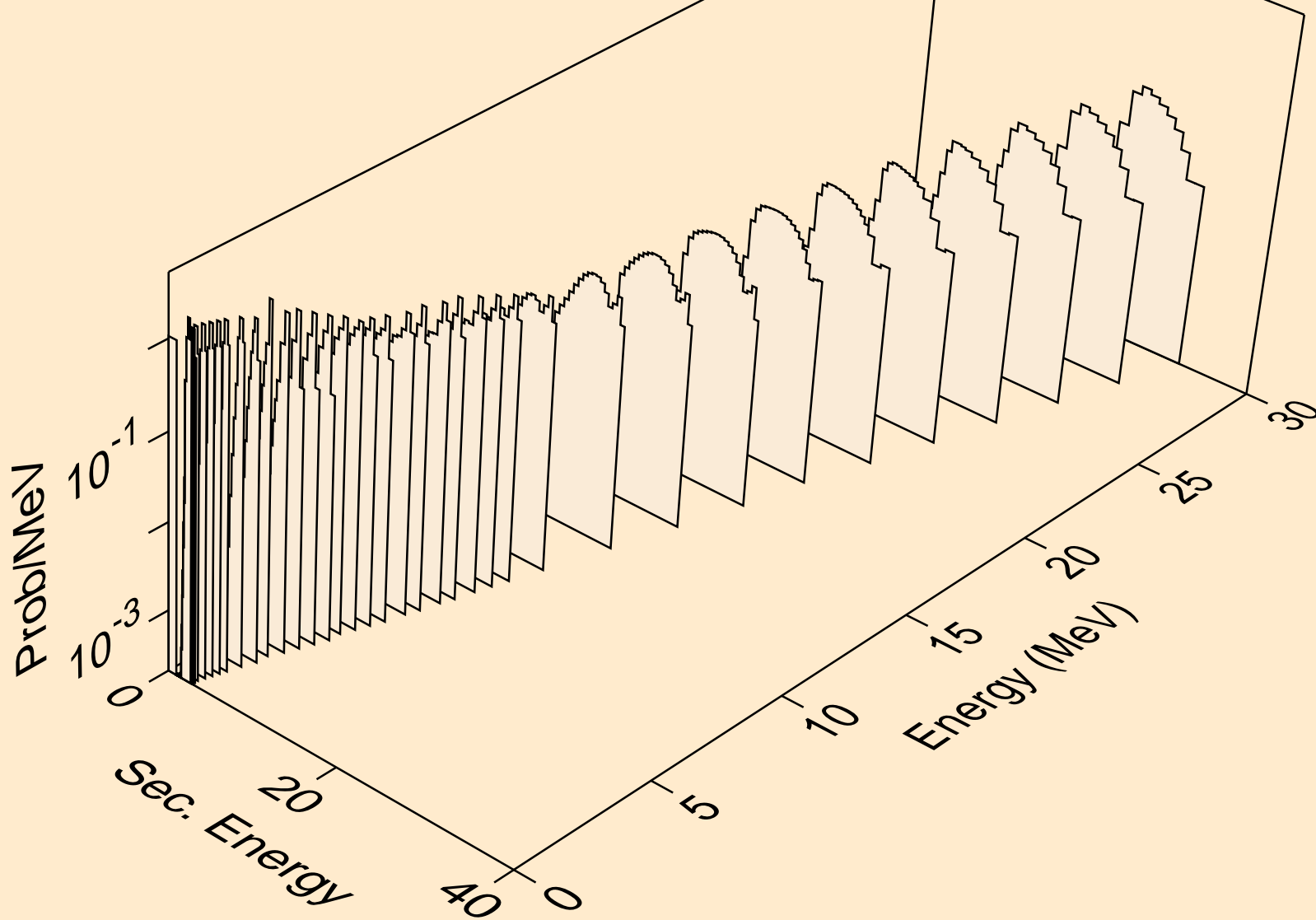
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



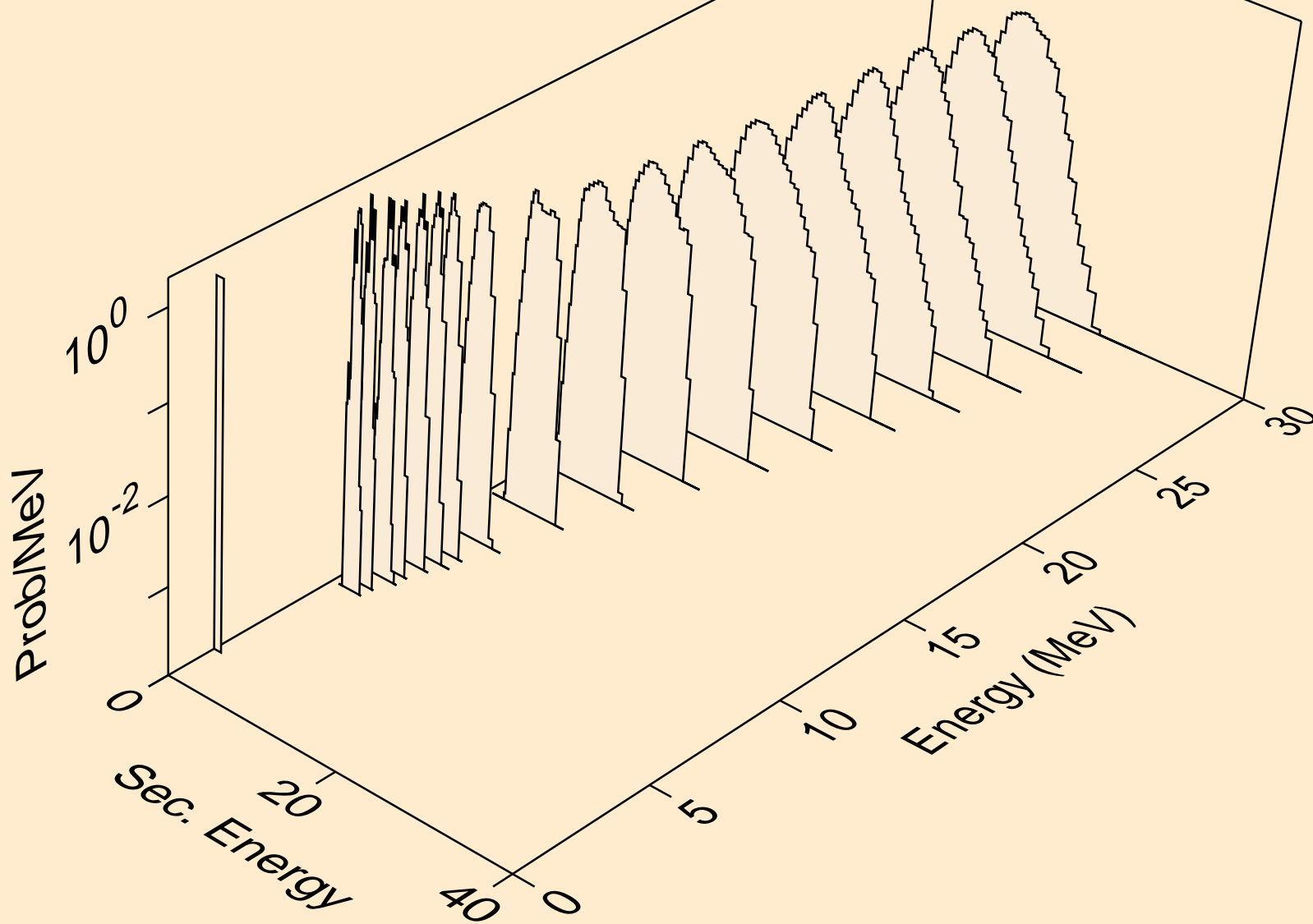
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



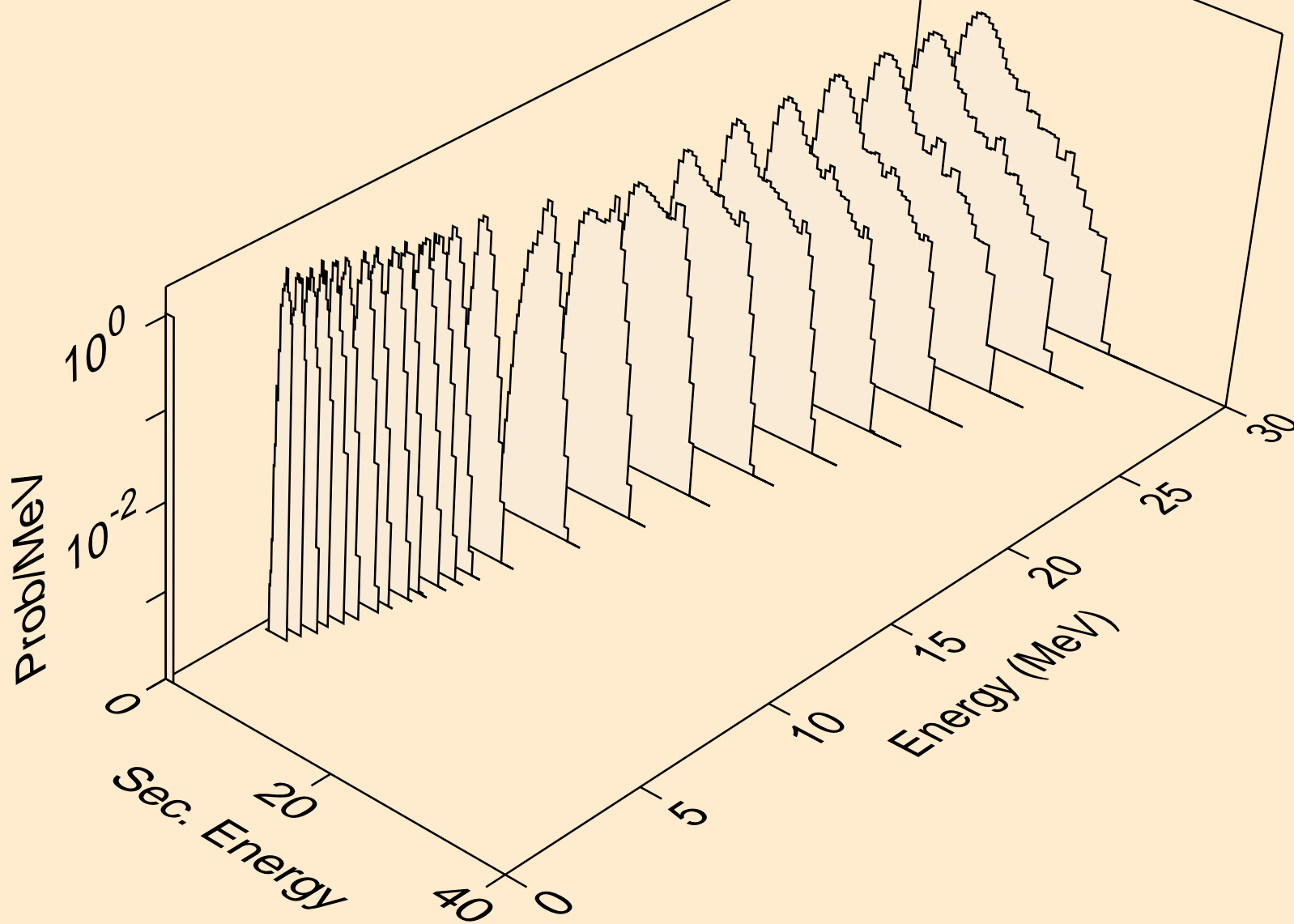
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



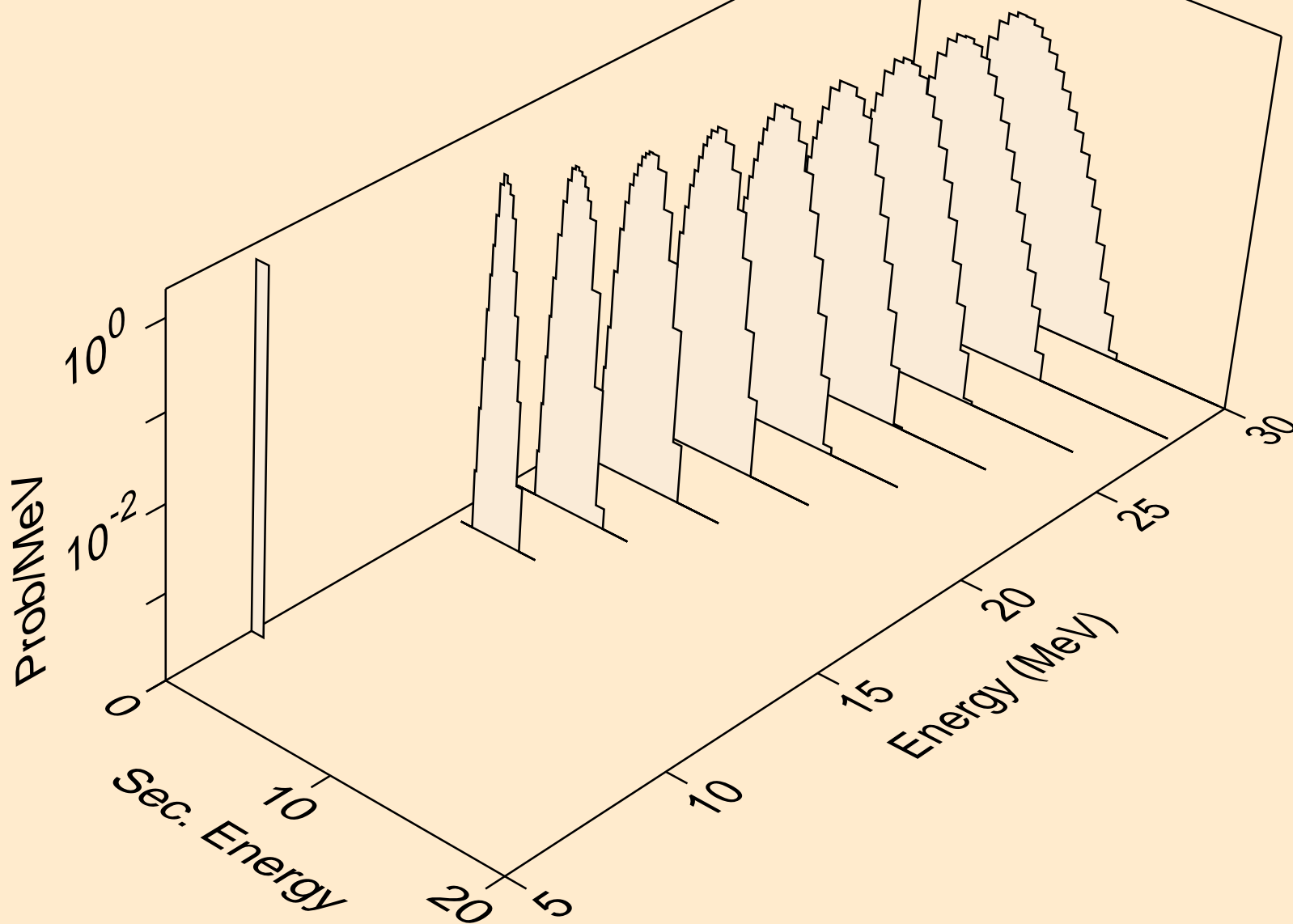
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



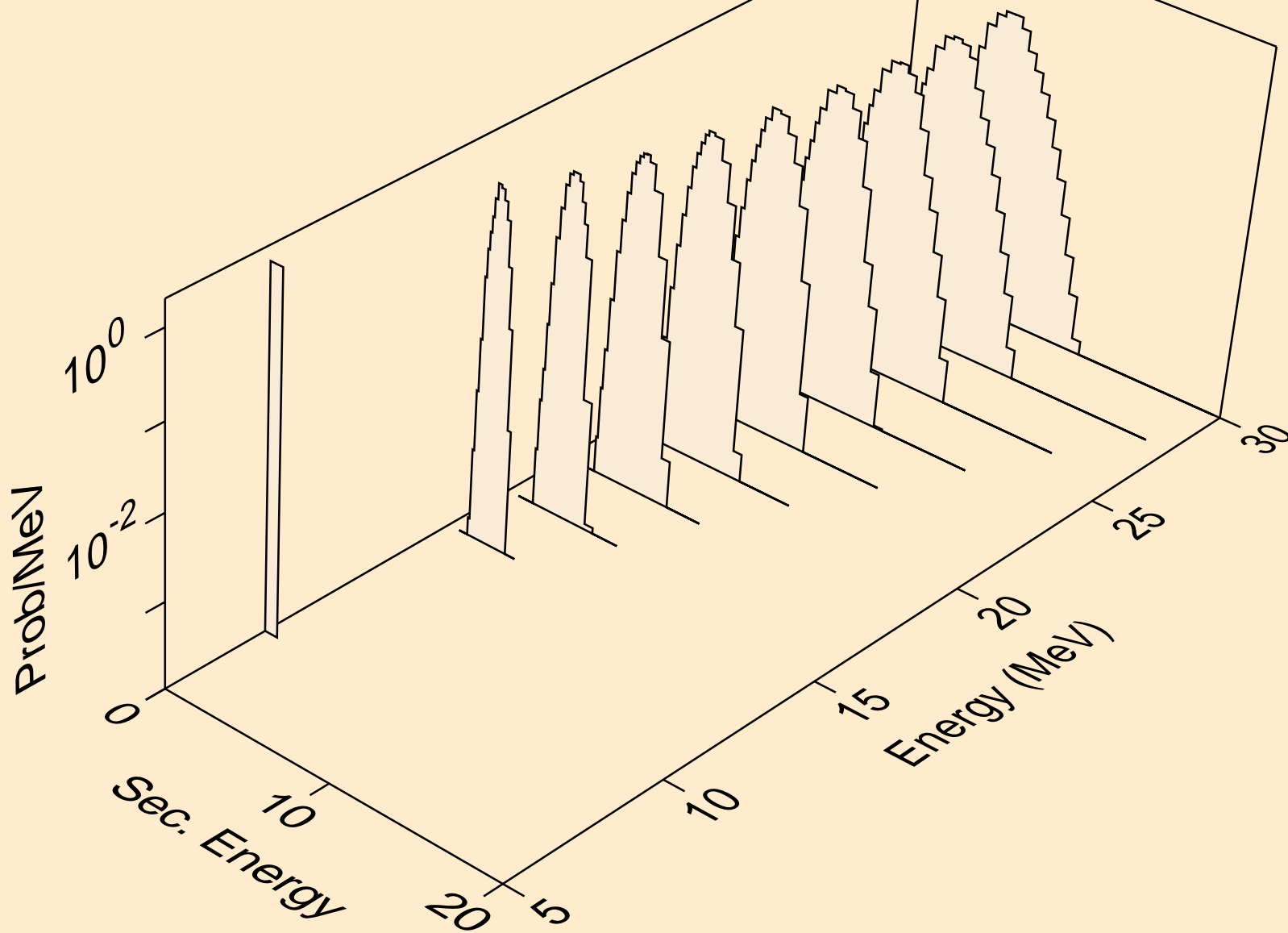
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



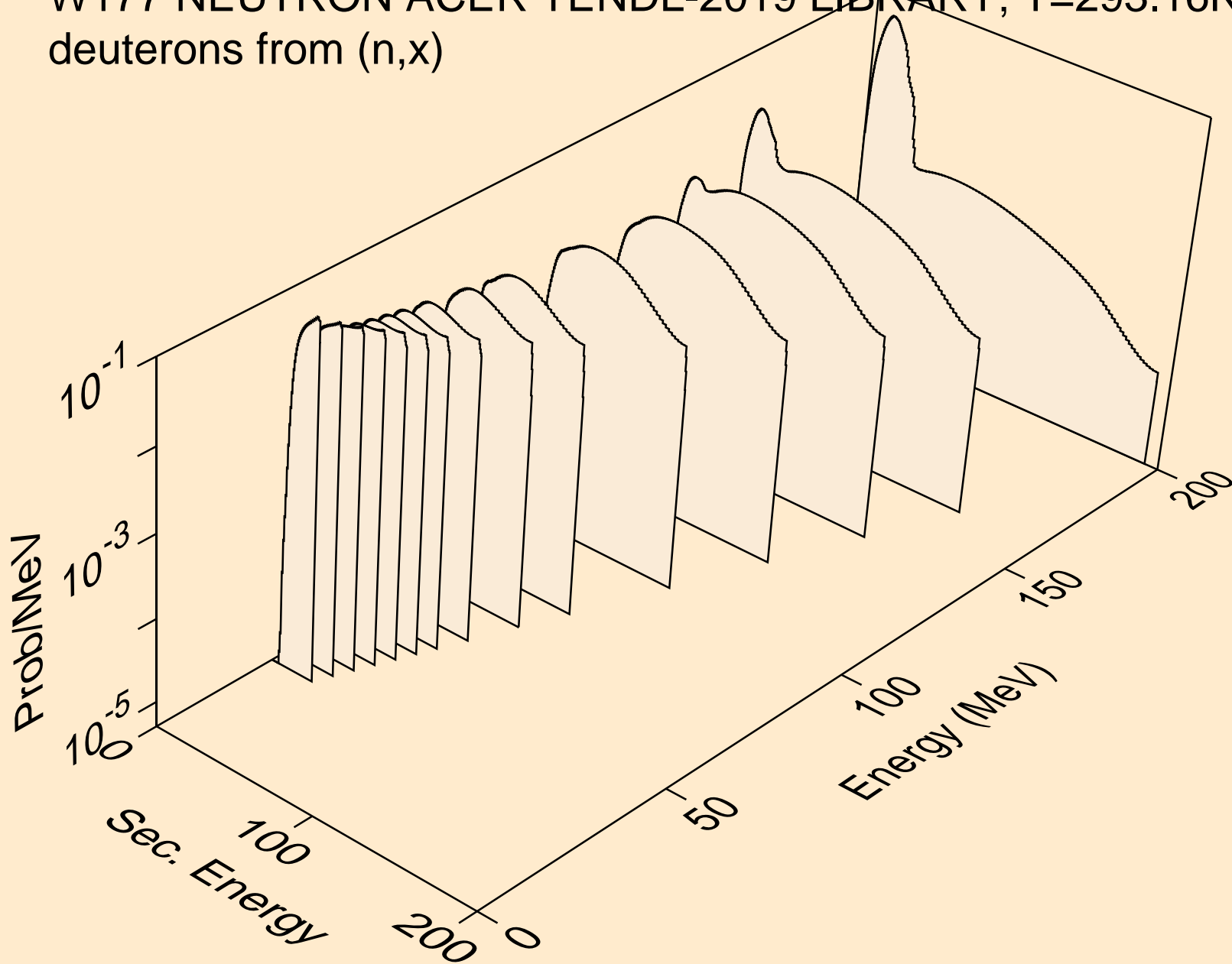
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



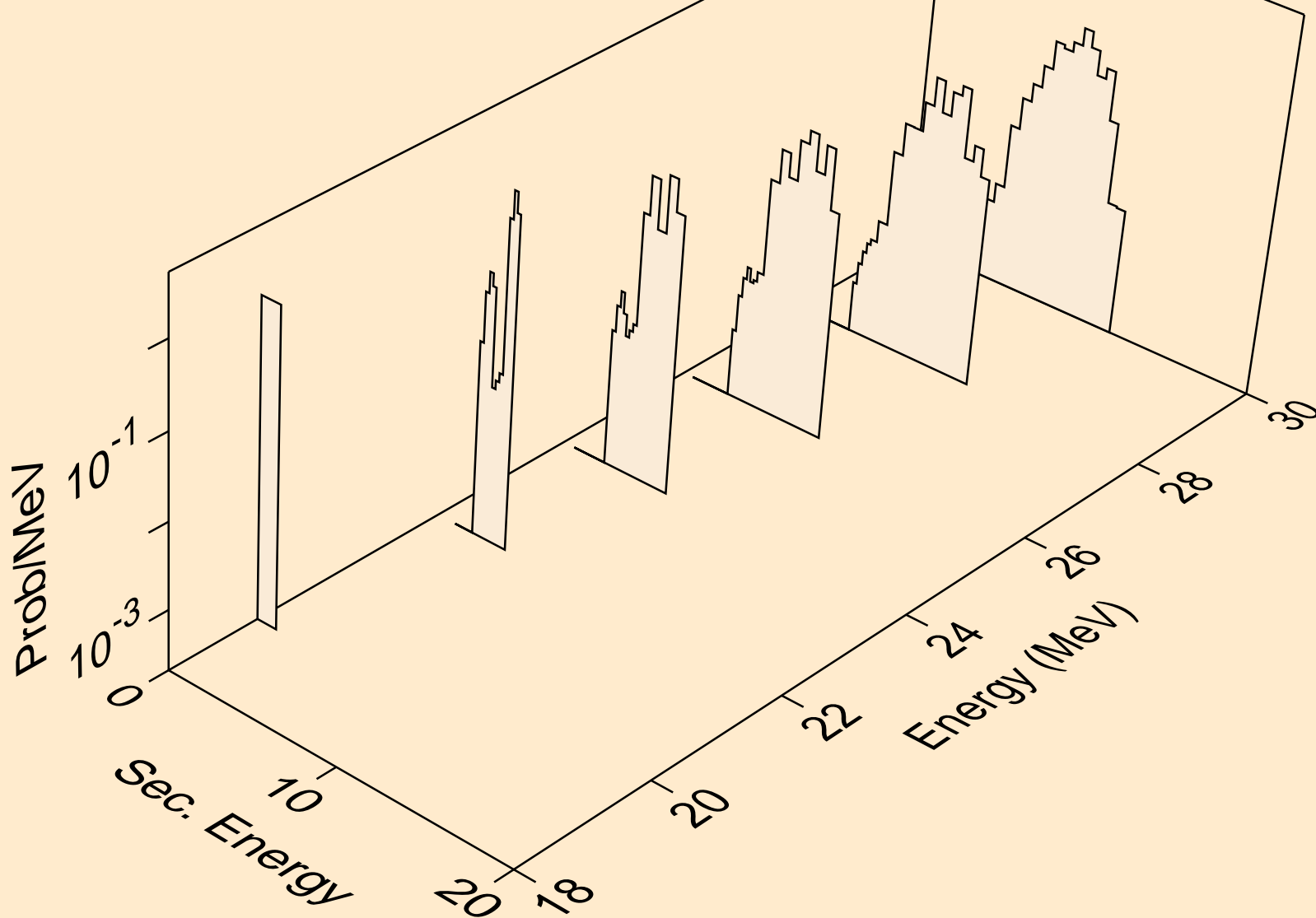
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



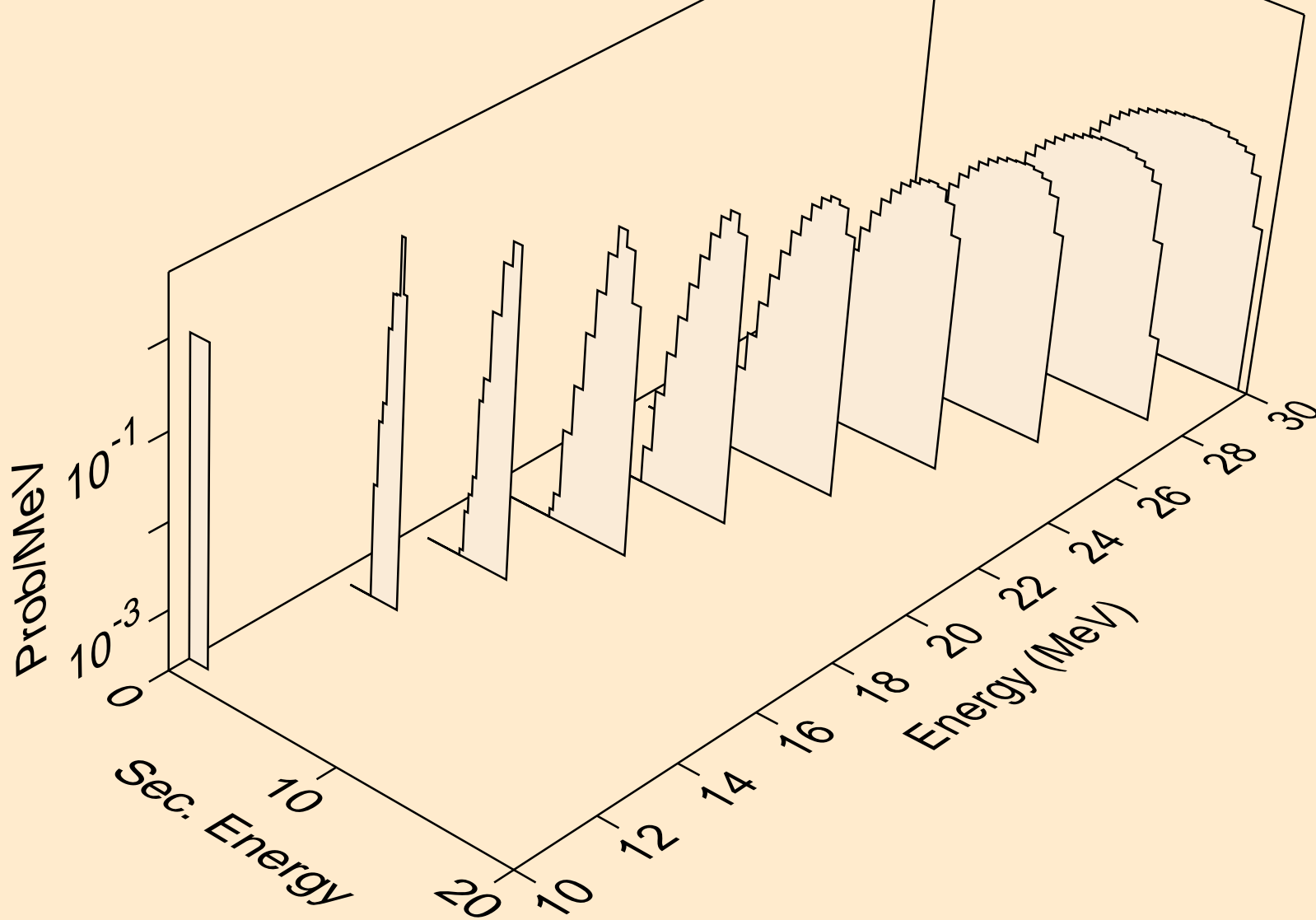
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



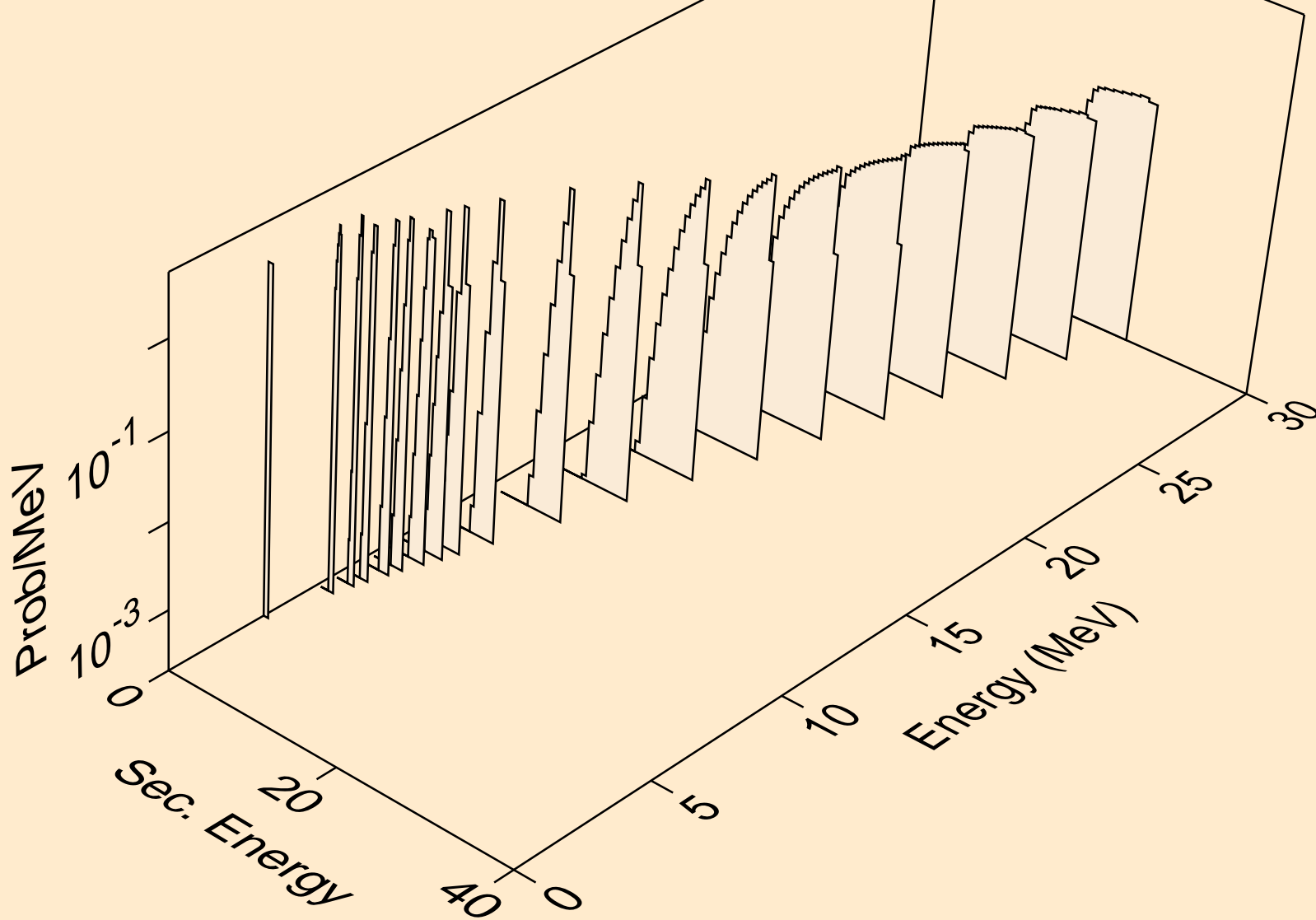
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



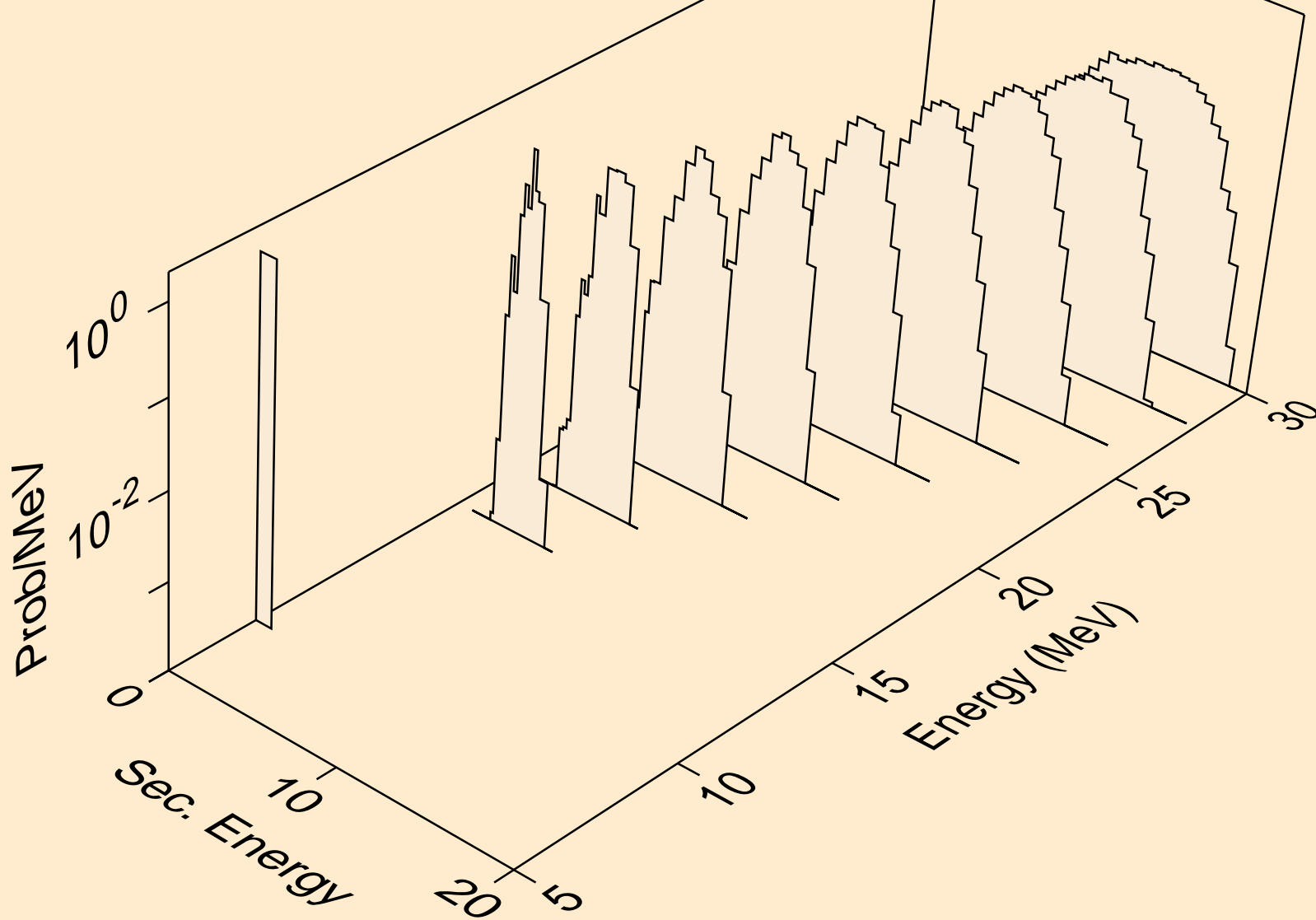
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



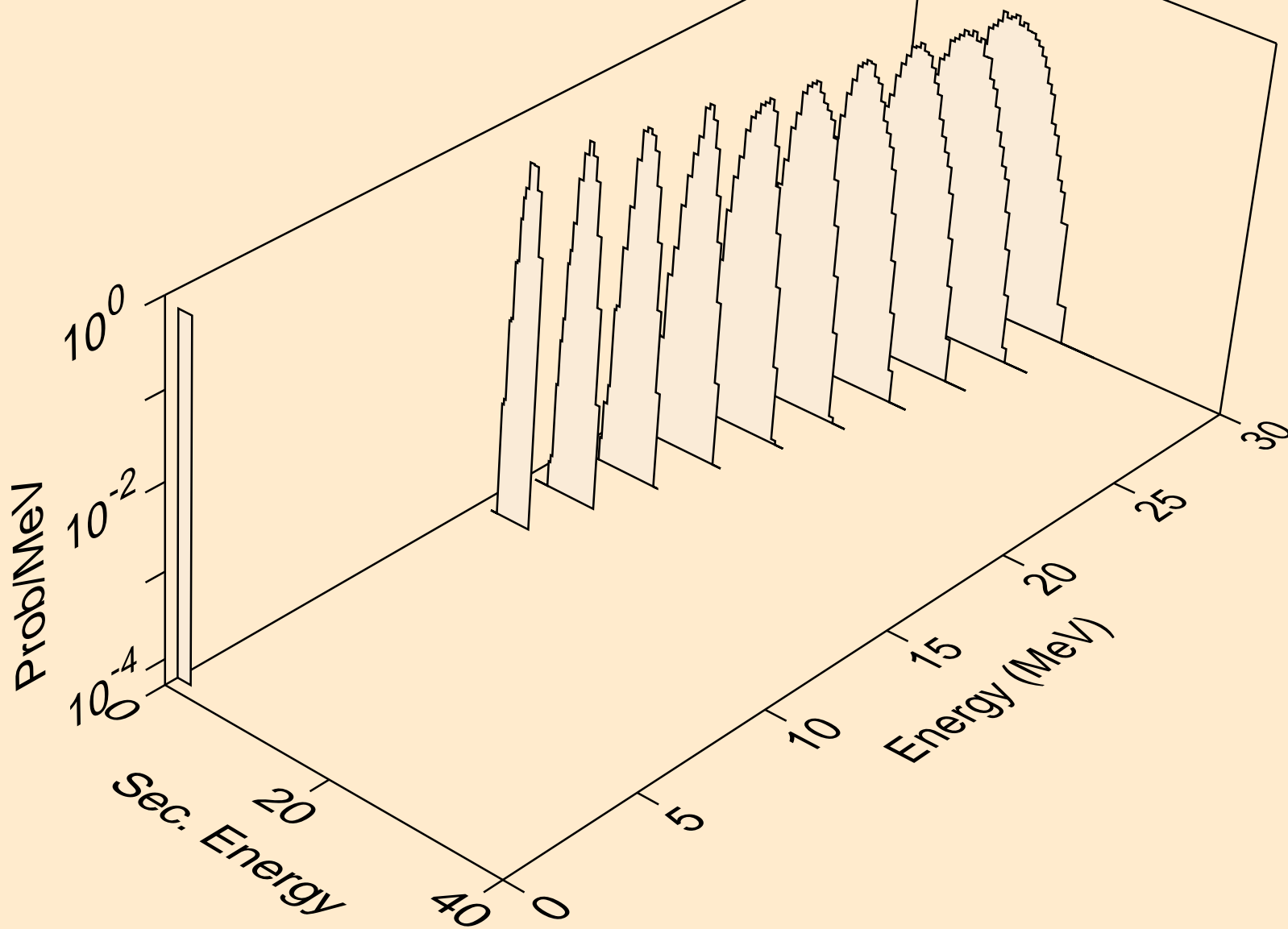
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



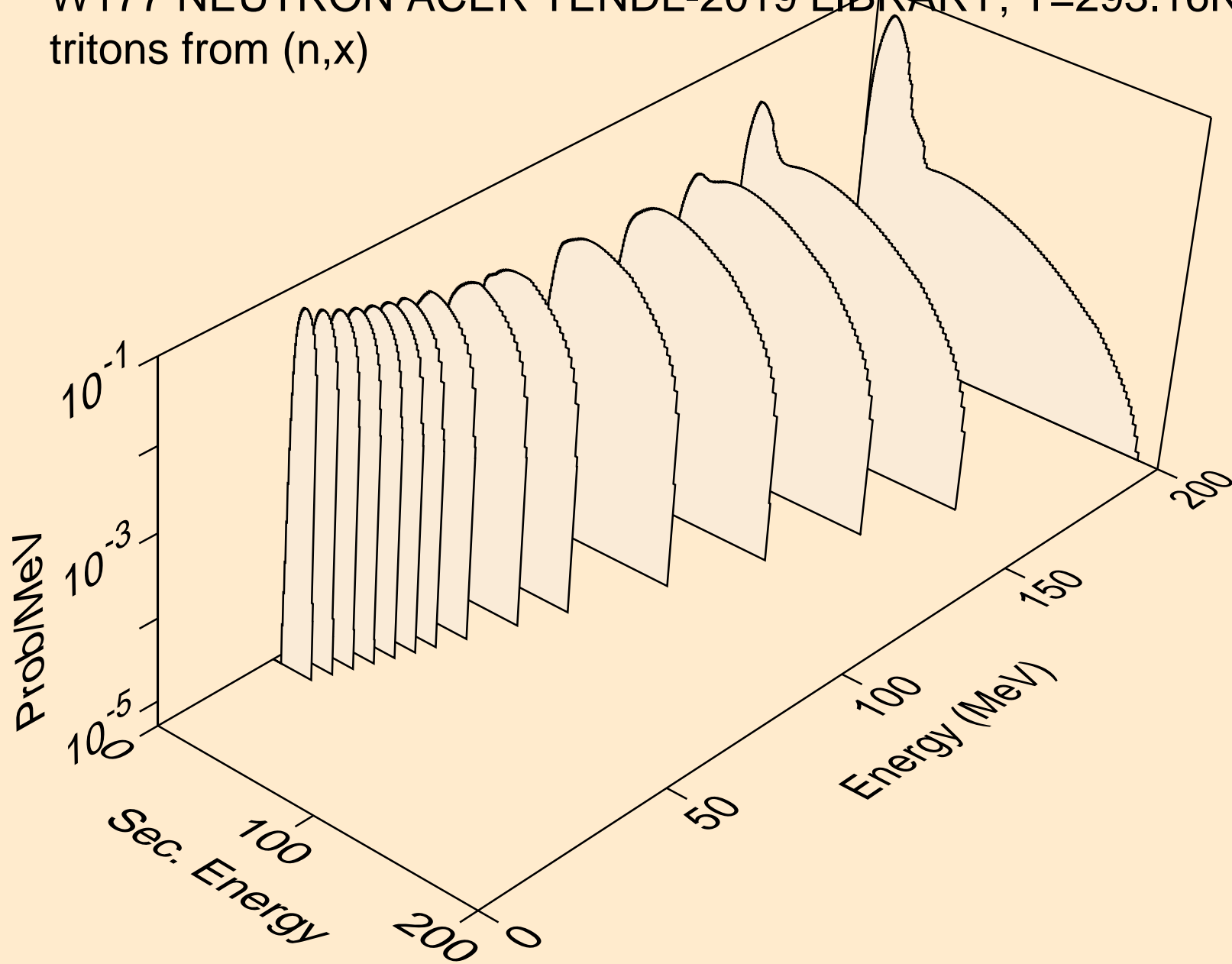
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



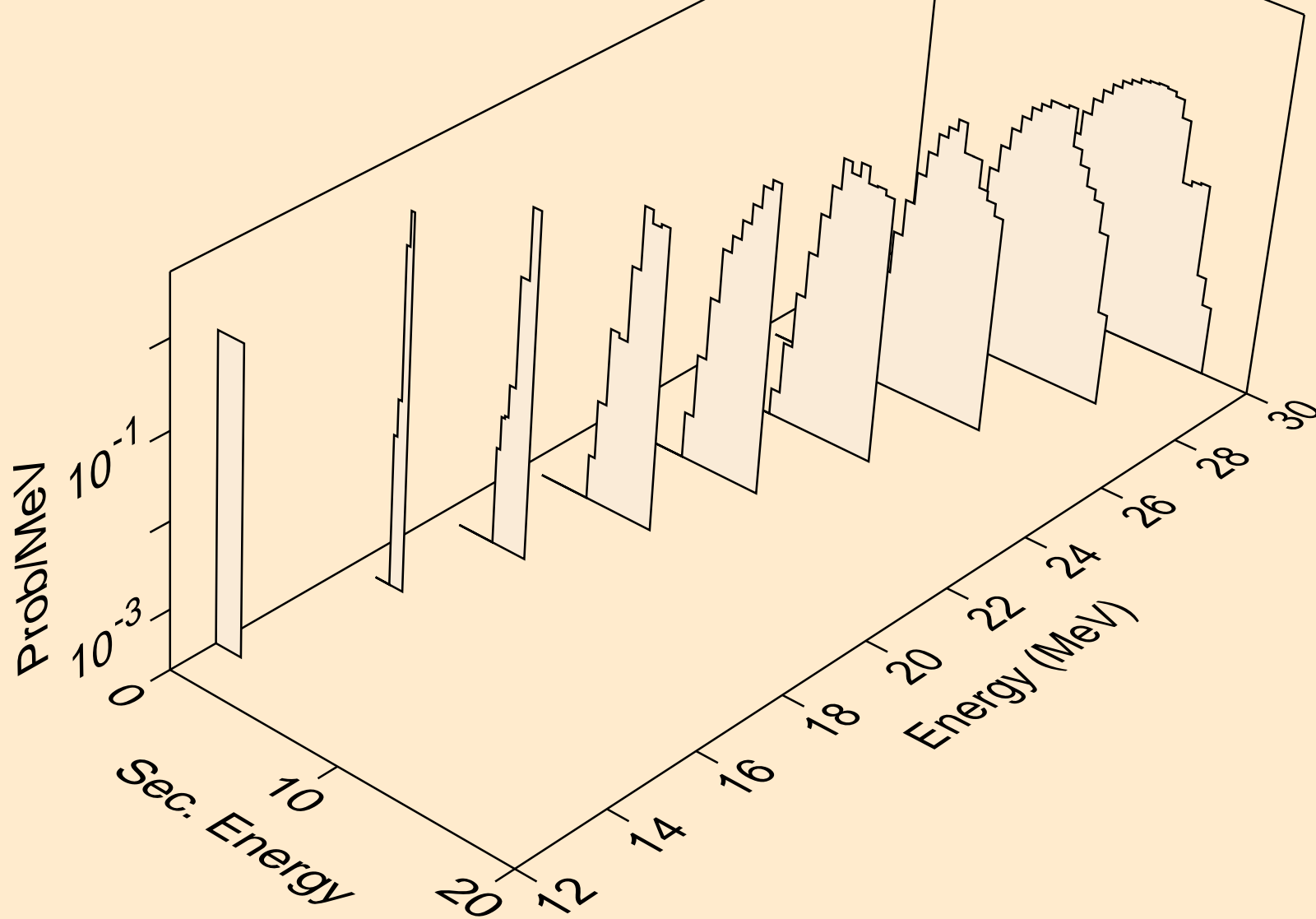
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



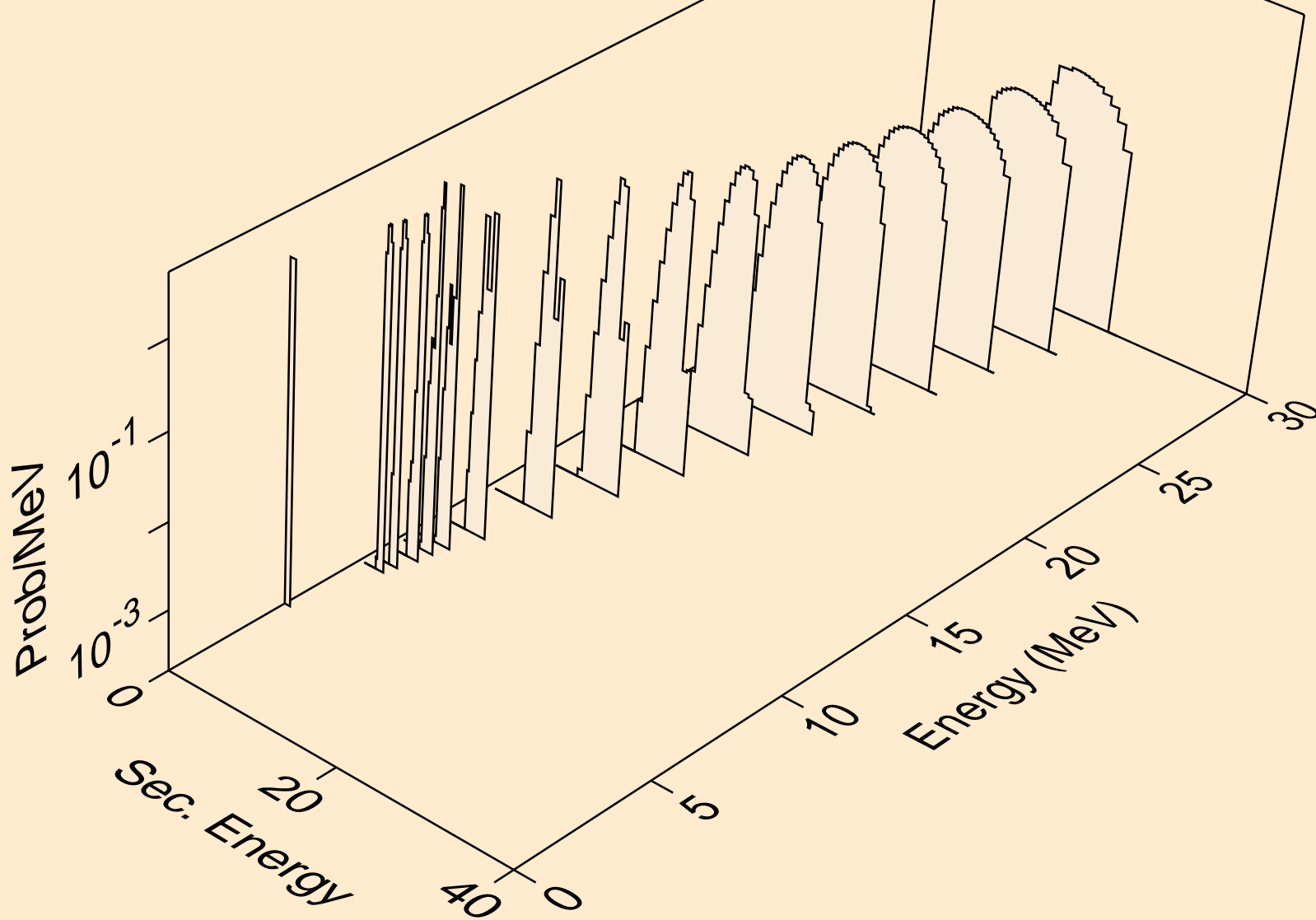
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



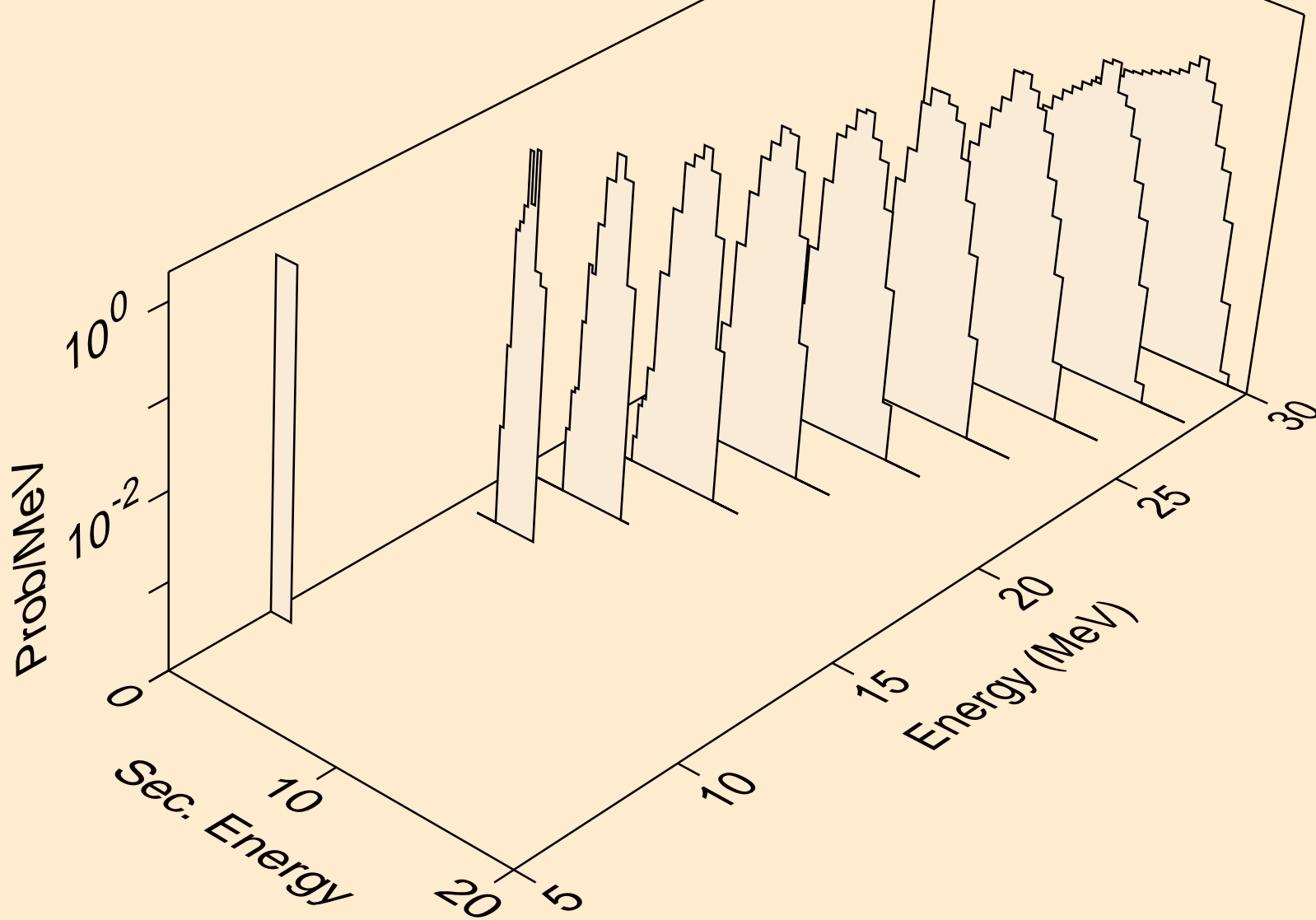
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



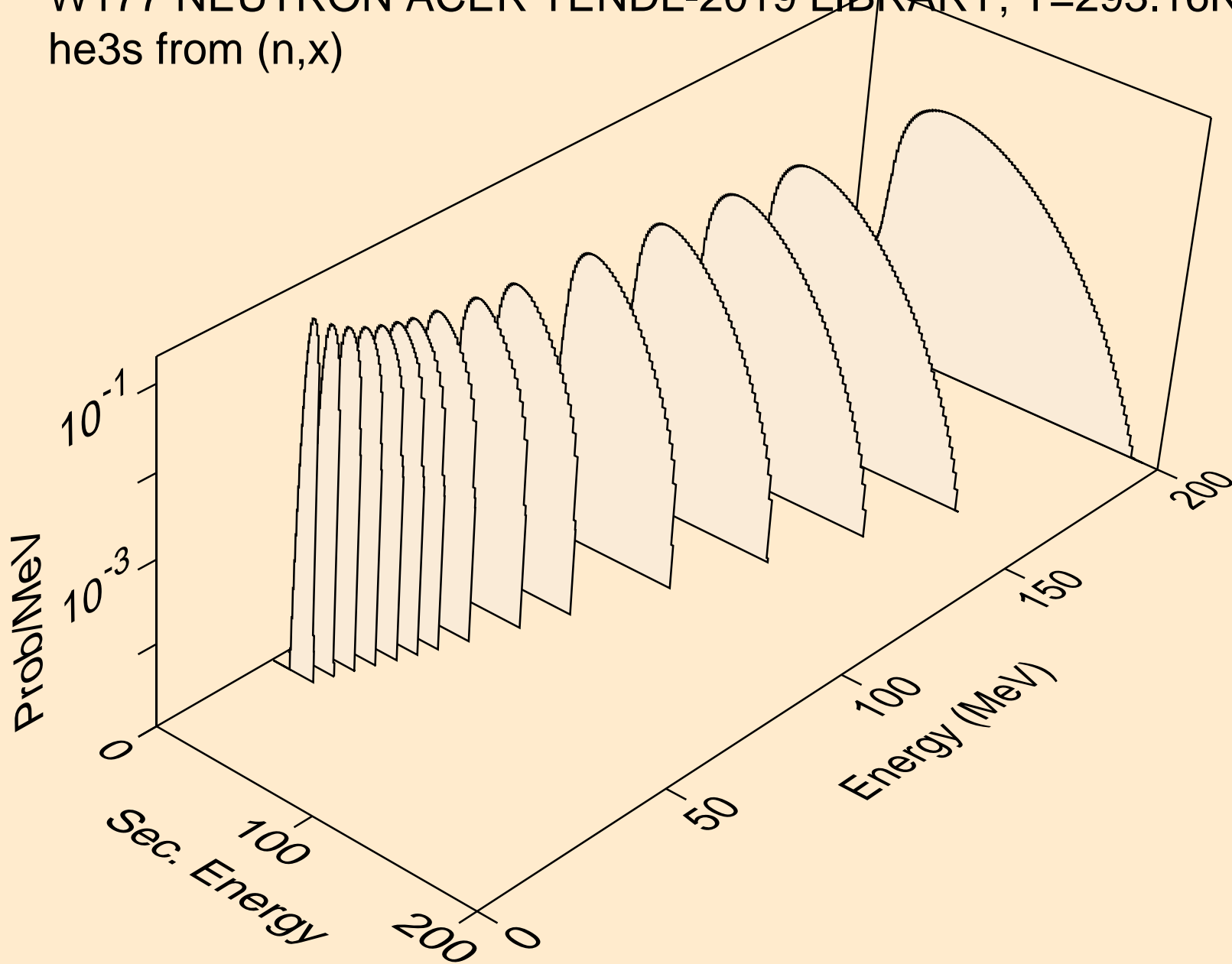
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



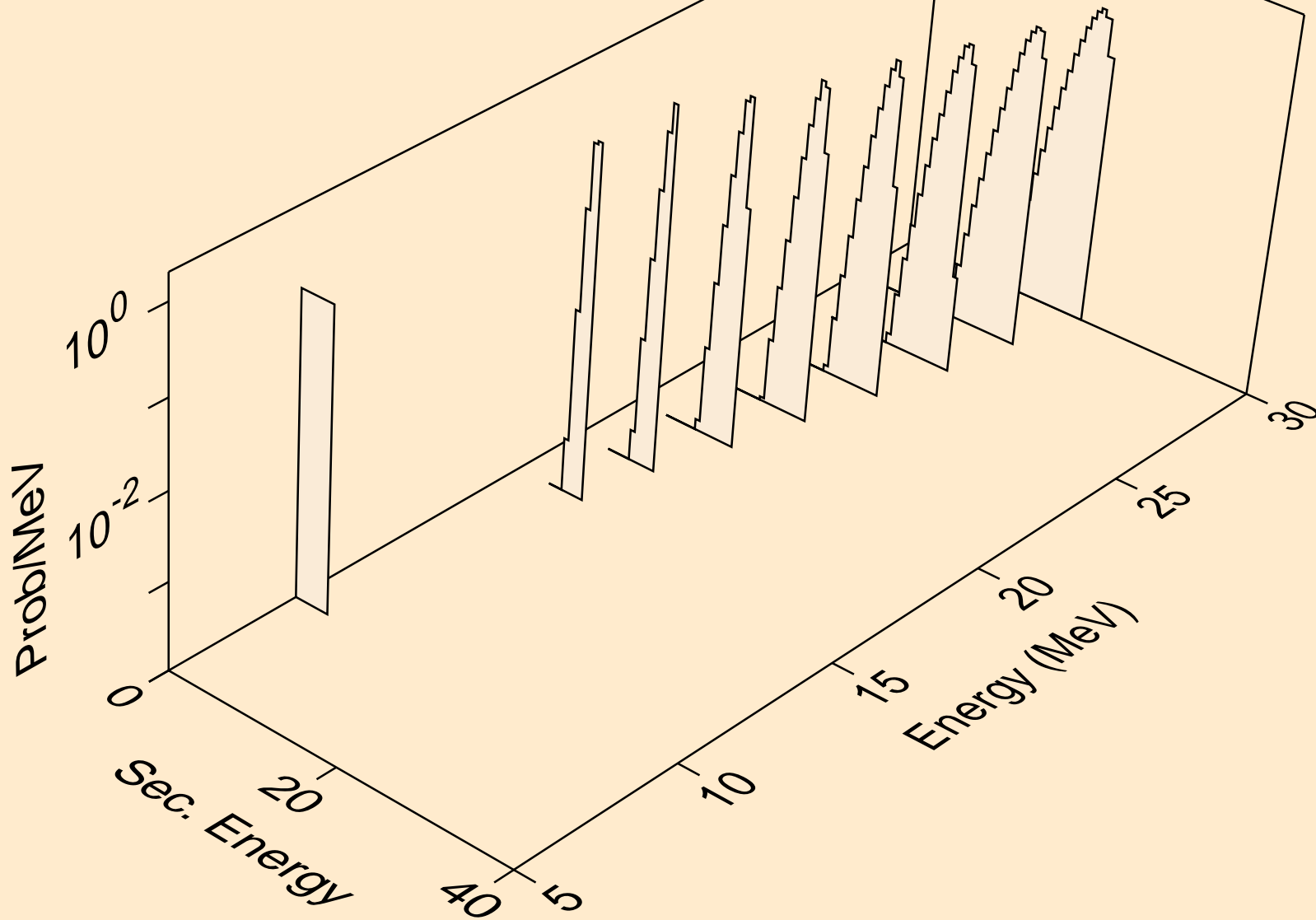
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



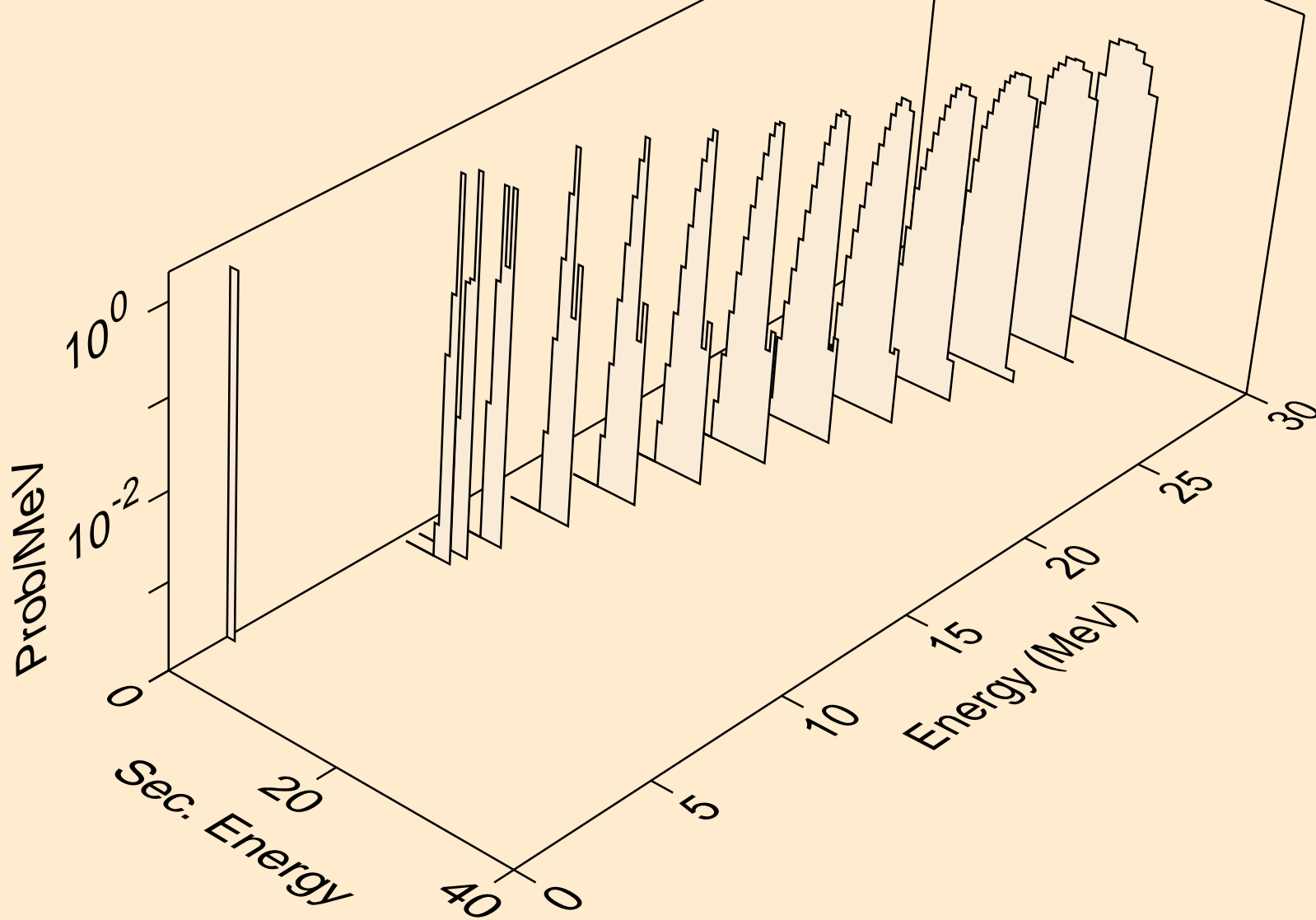
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



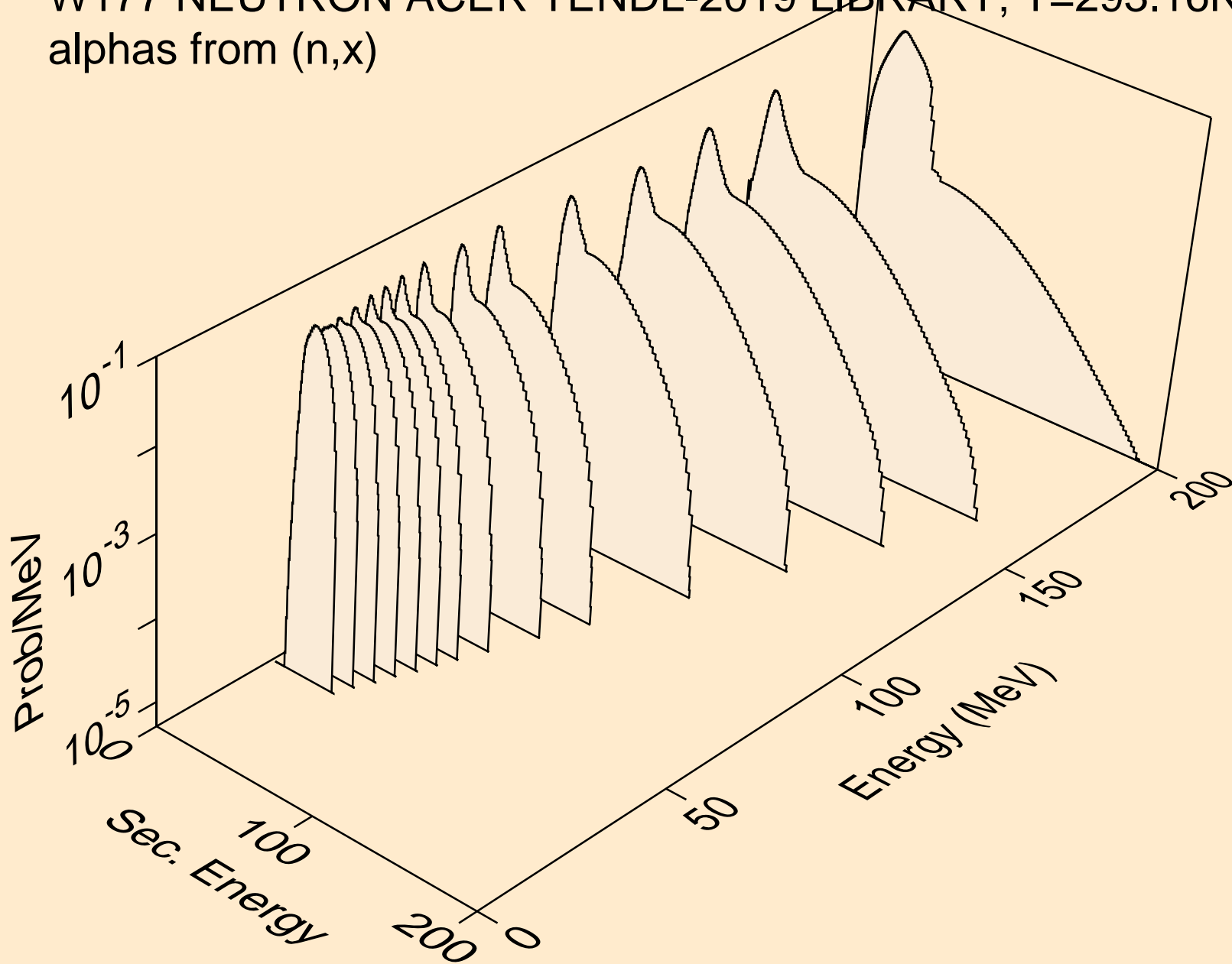
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



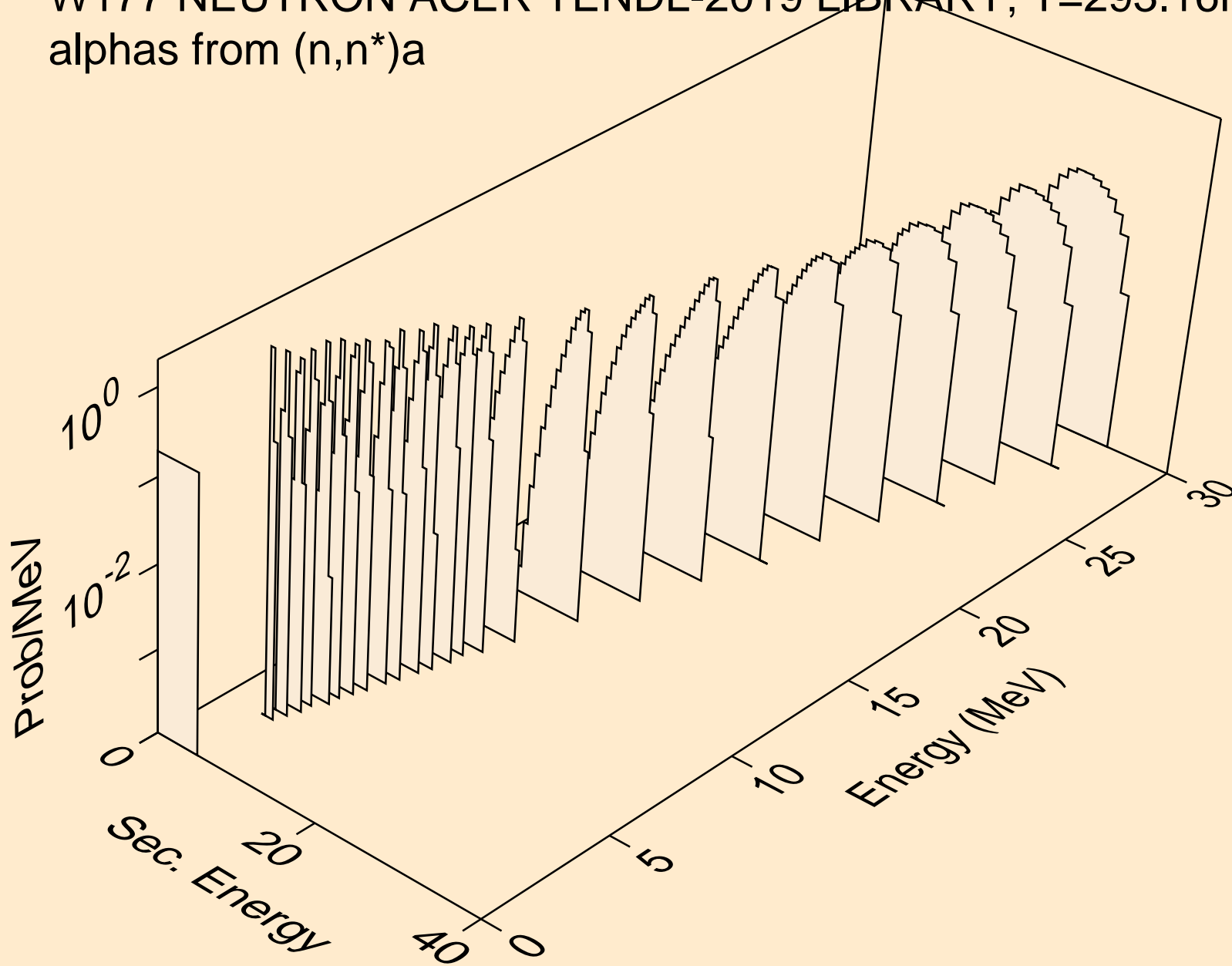
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



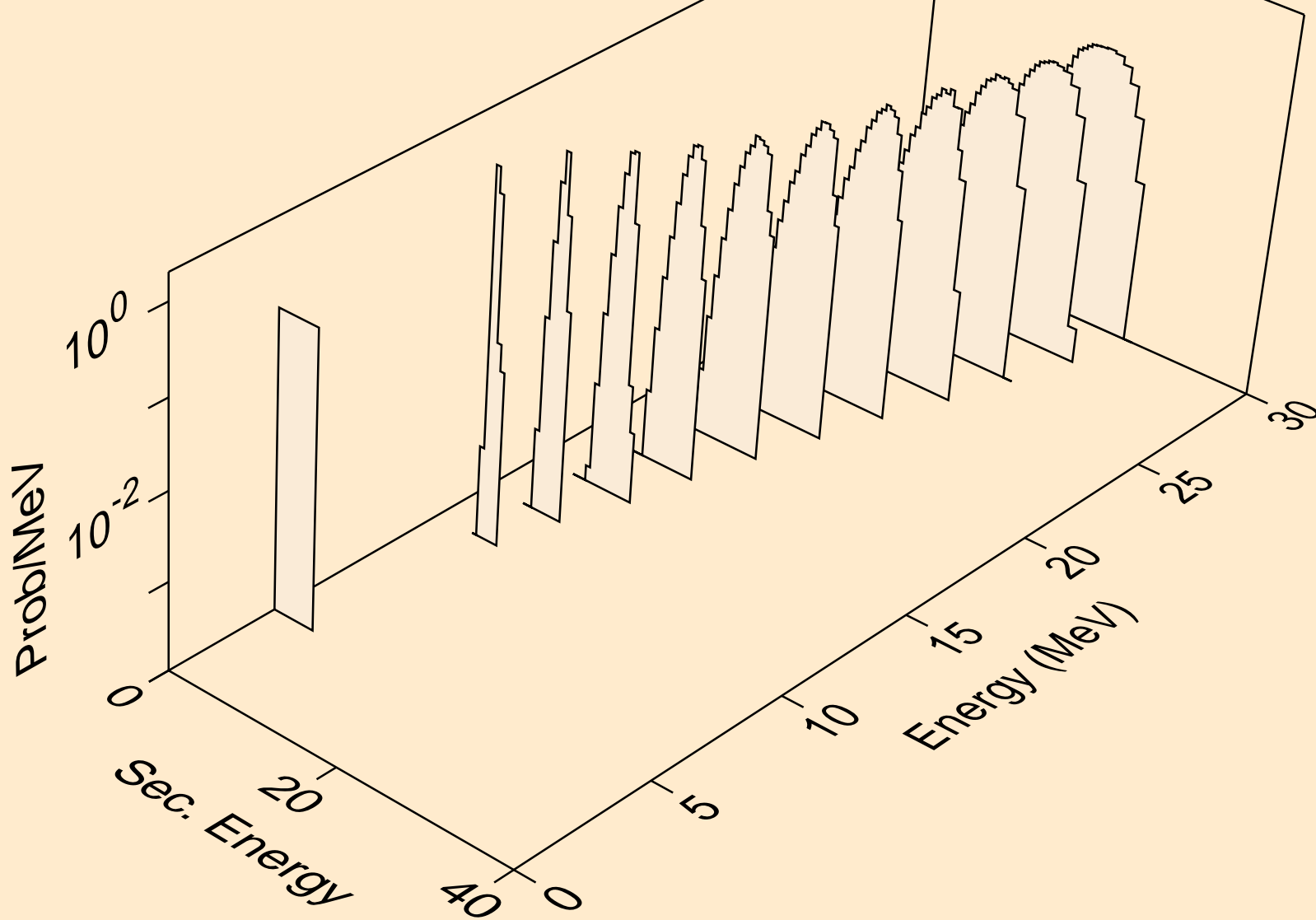
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



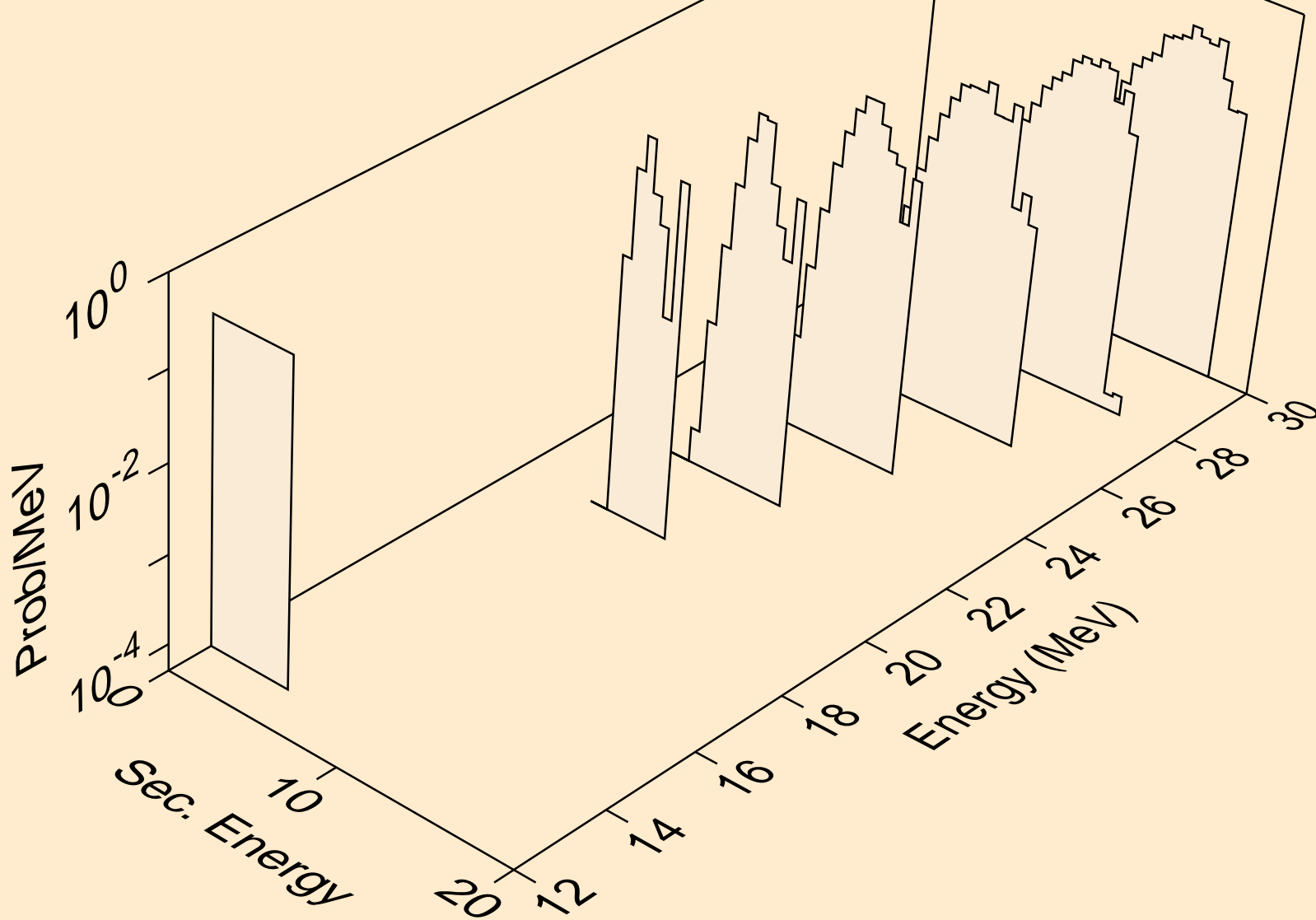
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



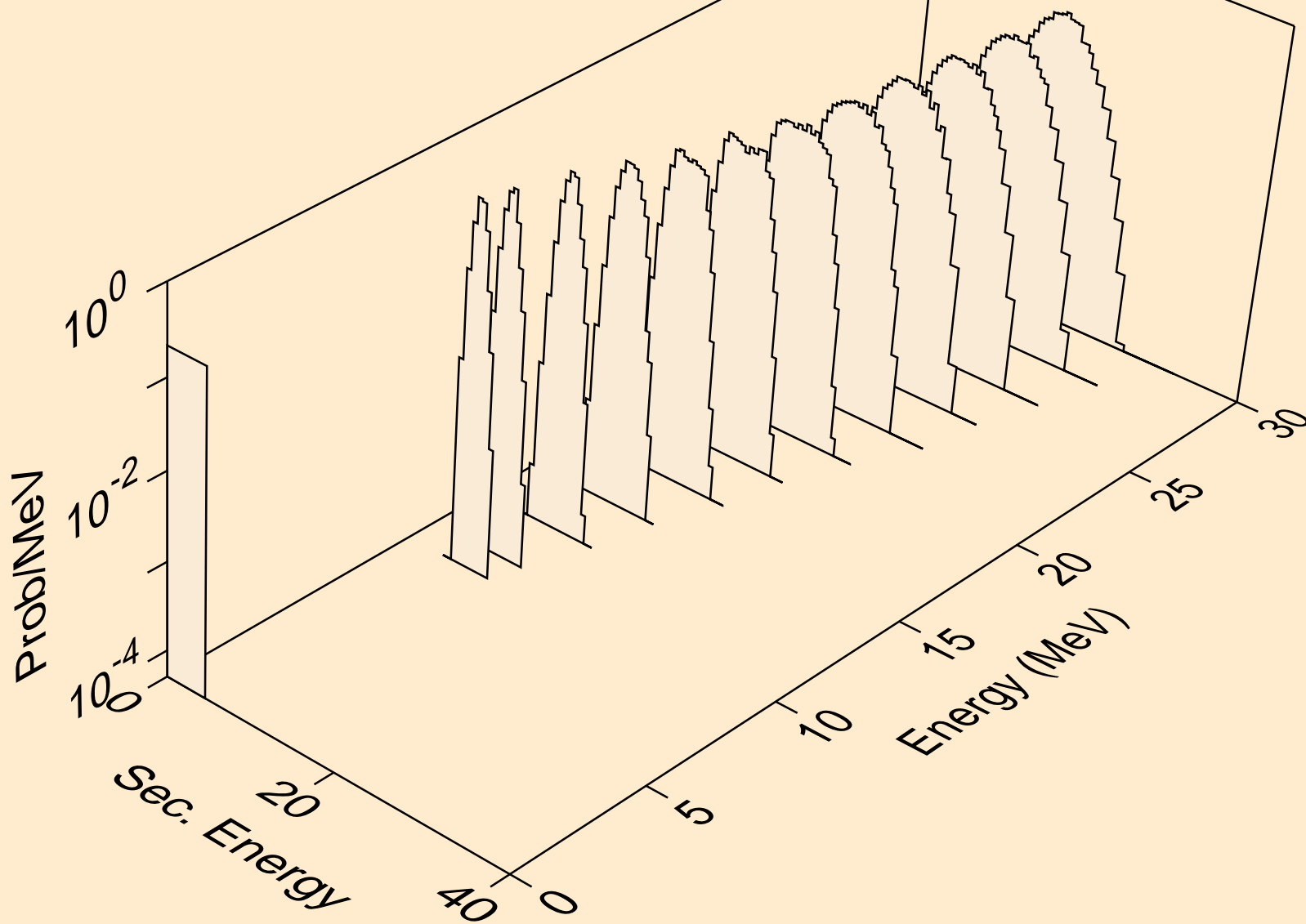
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



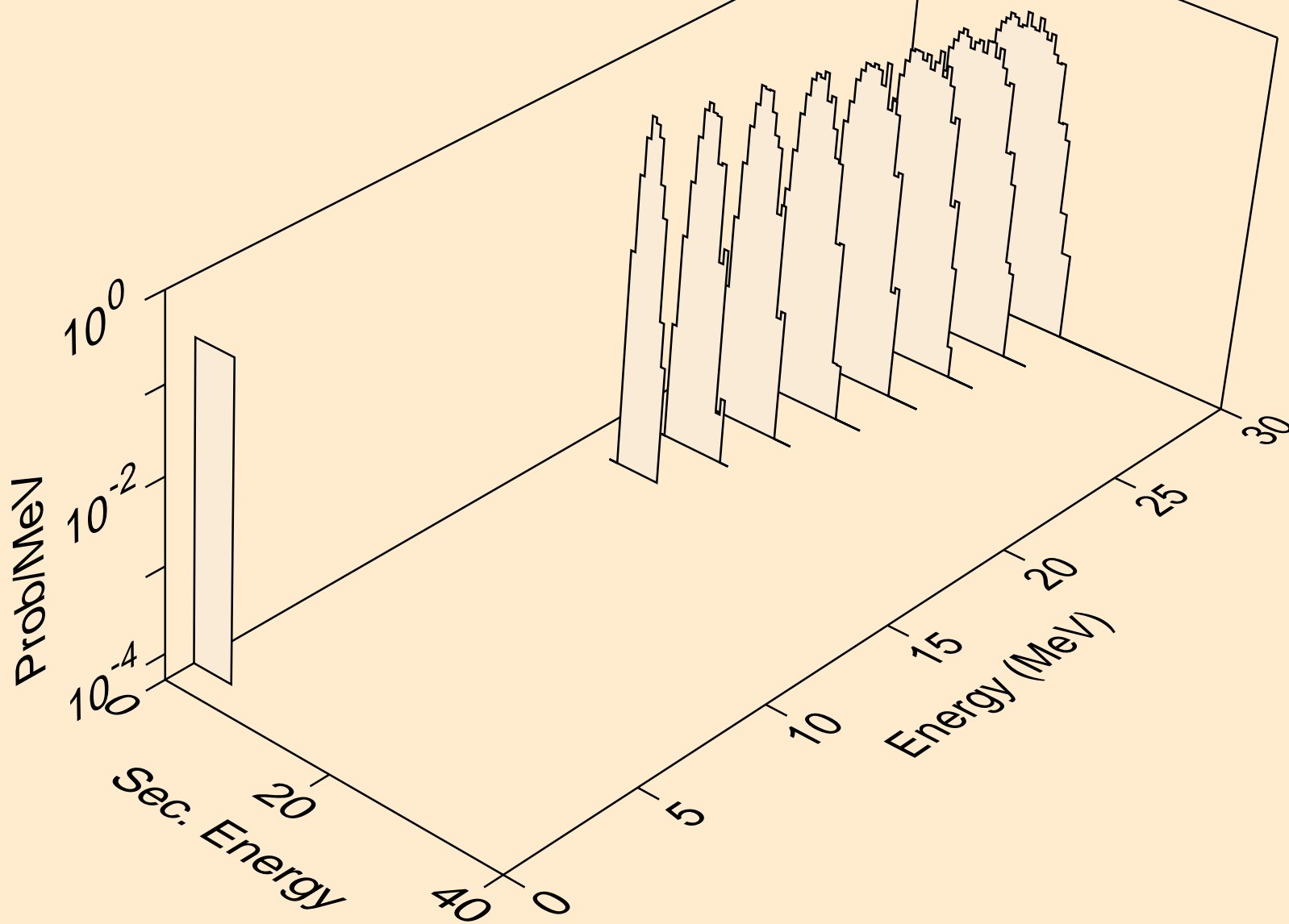
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



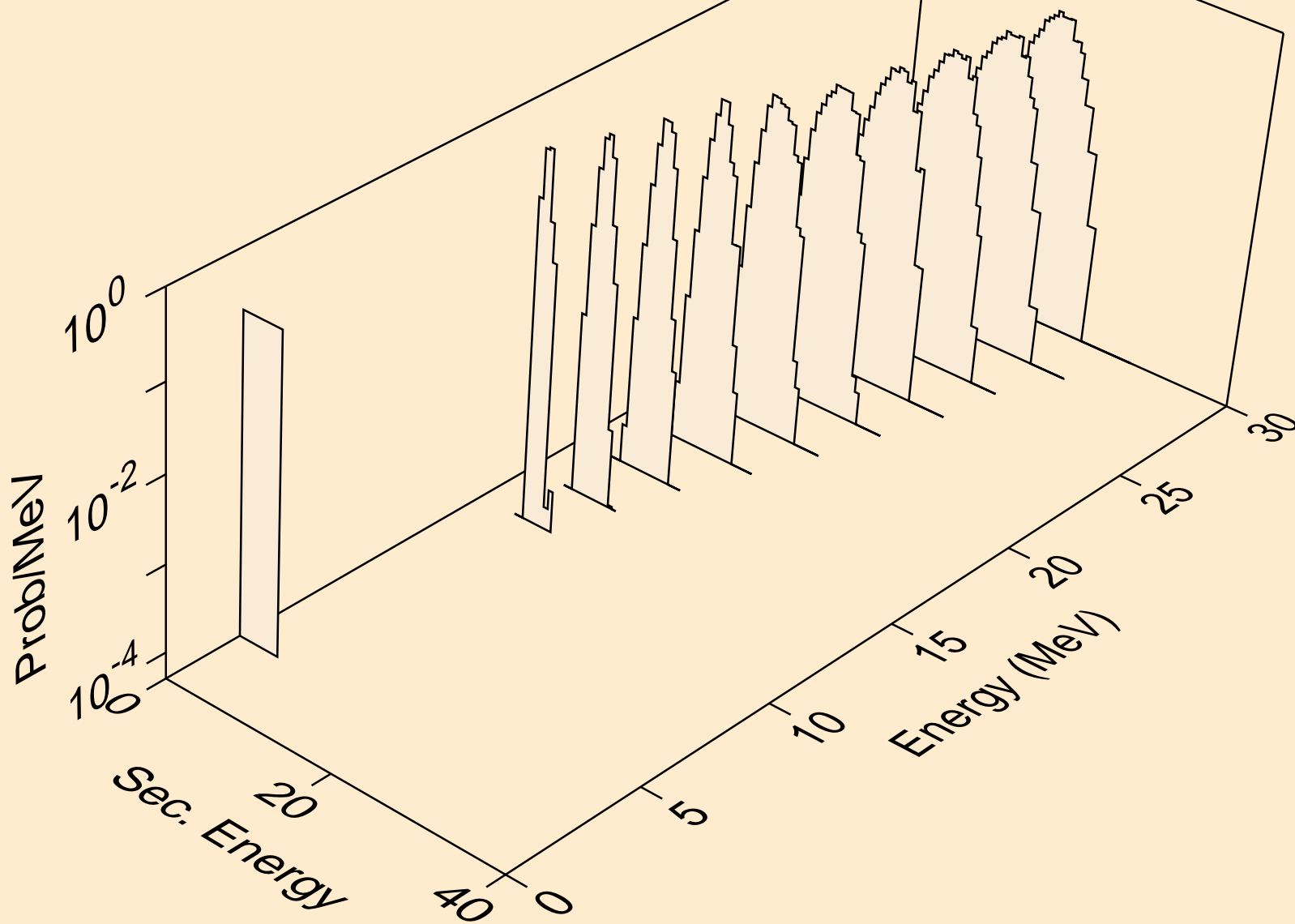
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



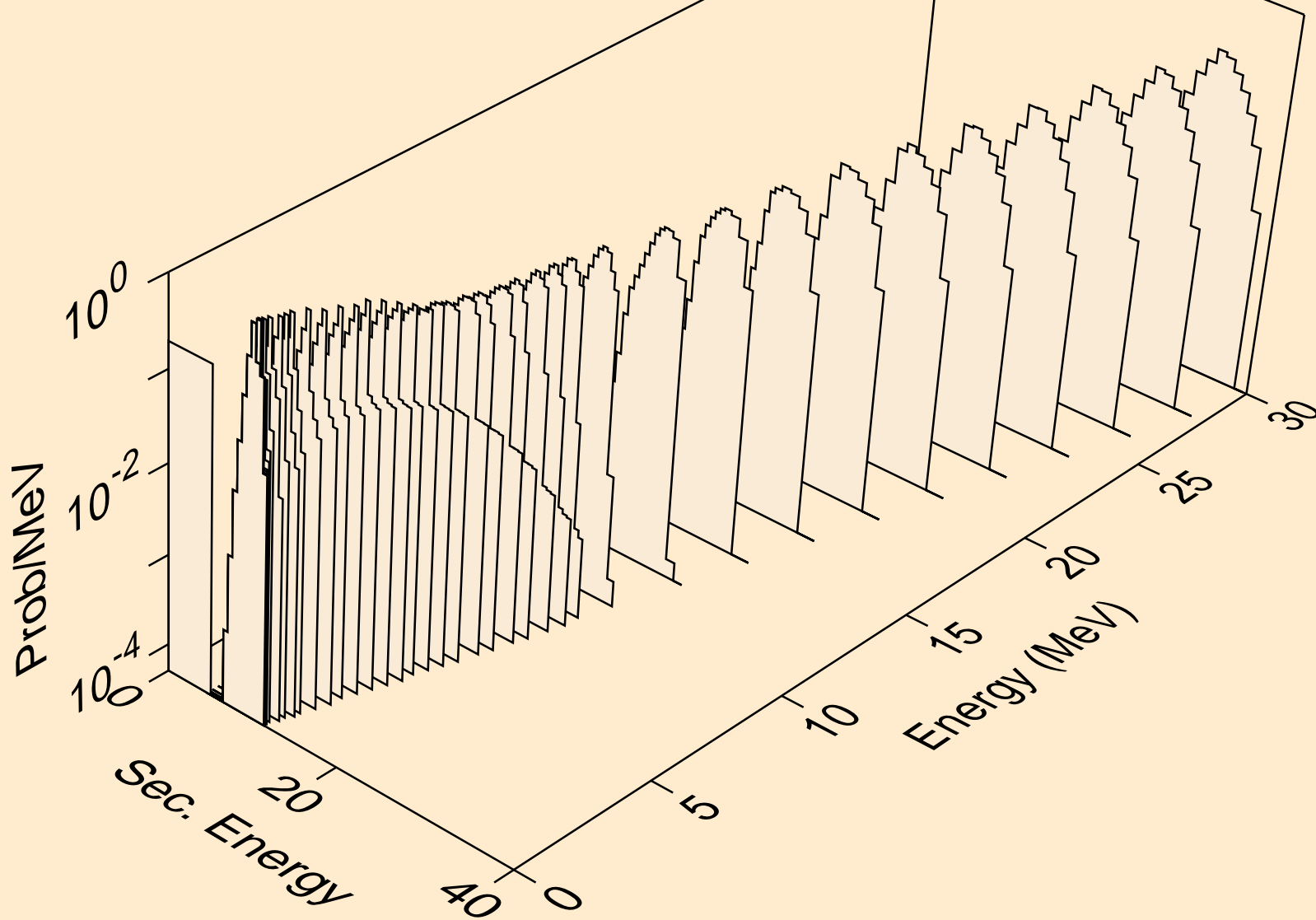
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



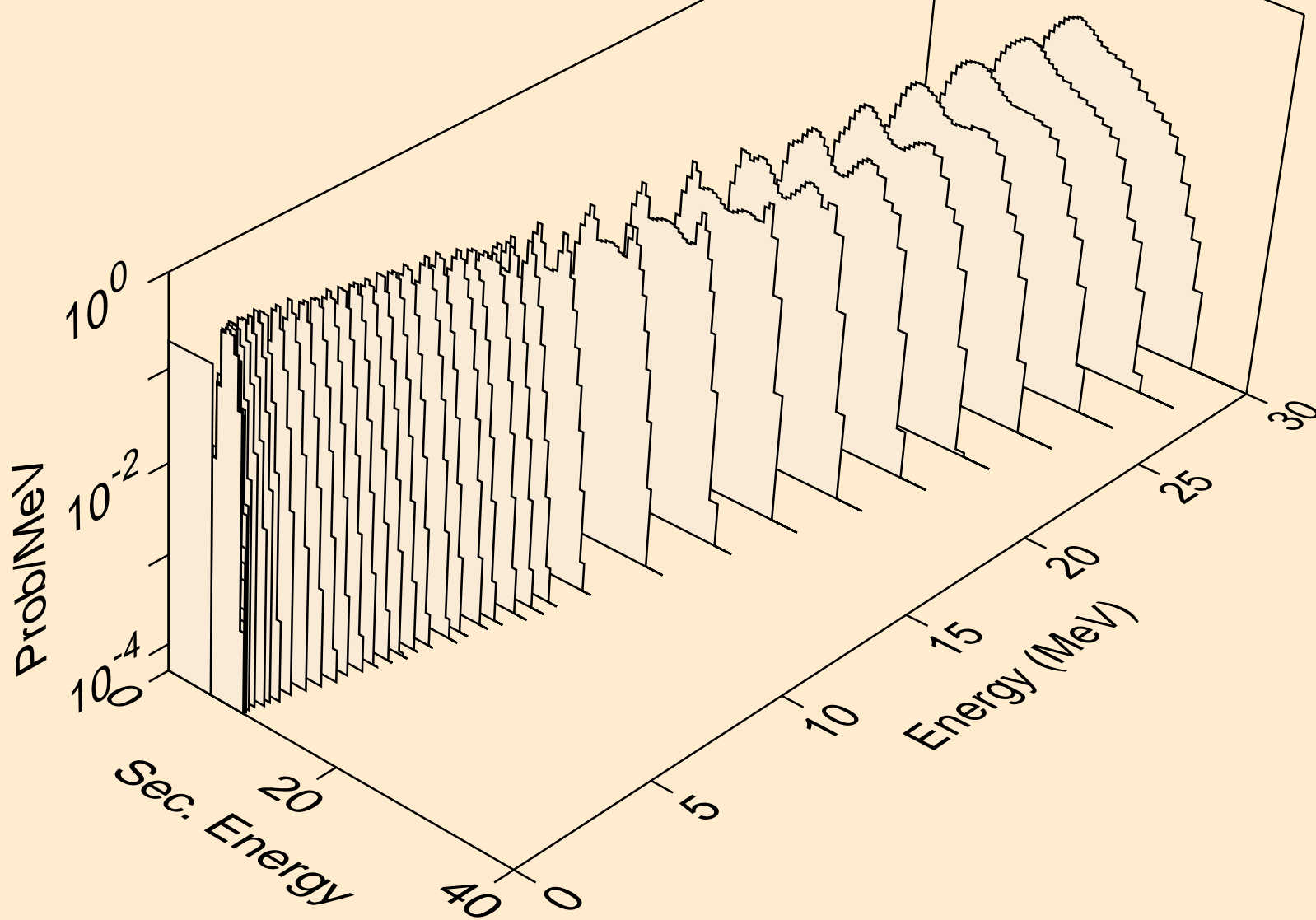
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



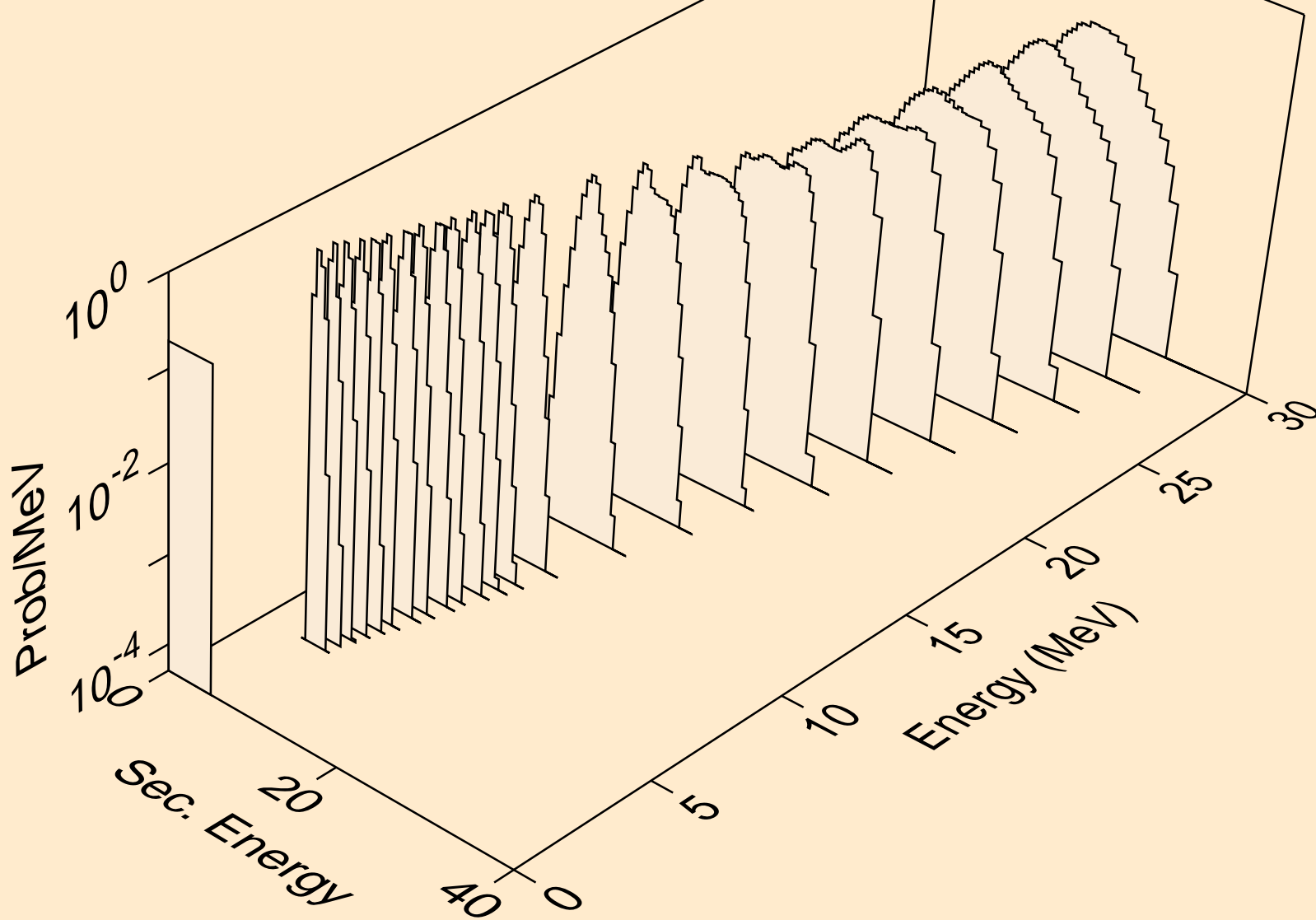
W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



W177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

