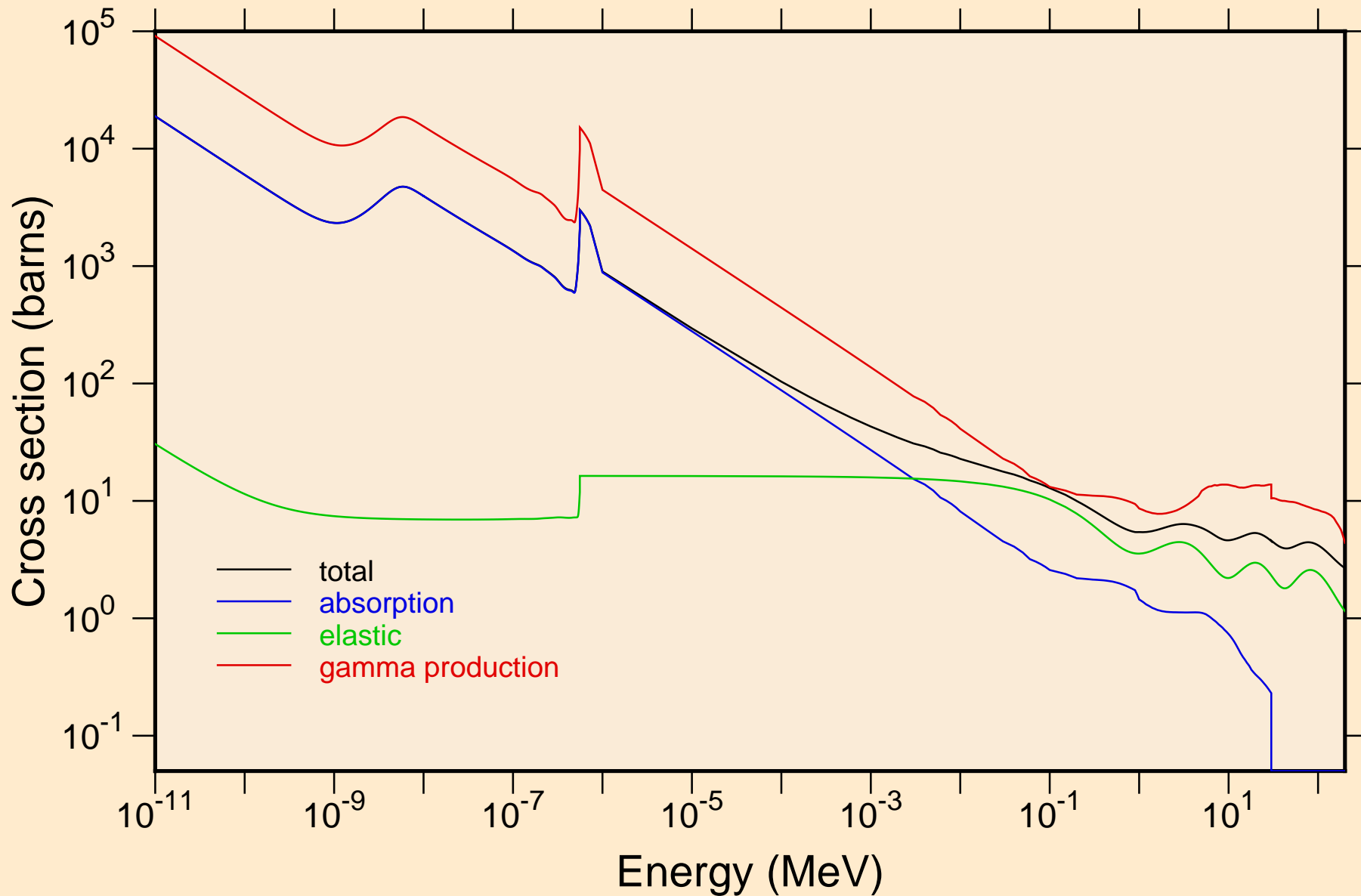
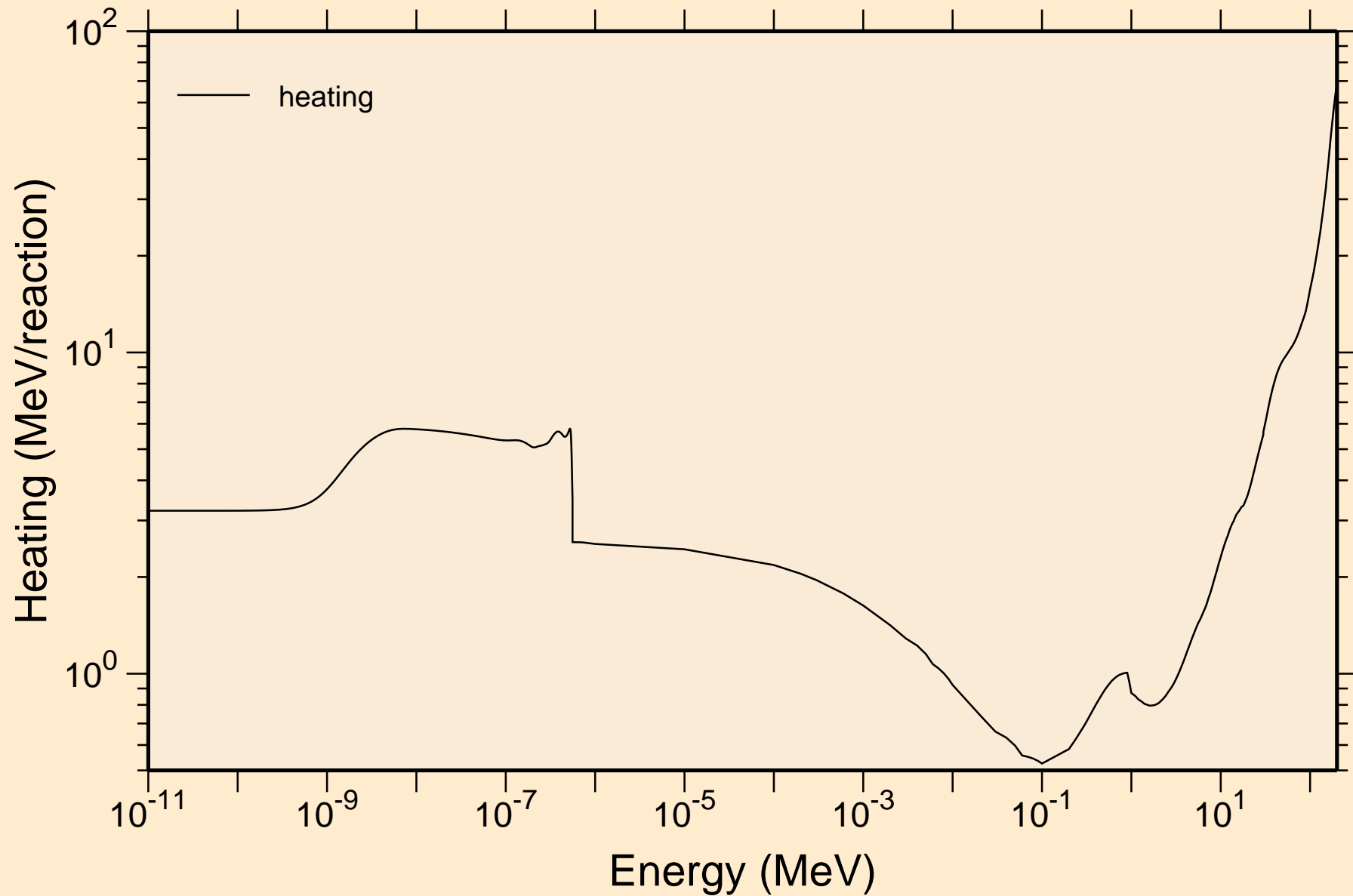


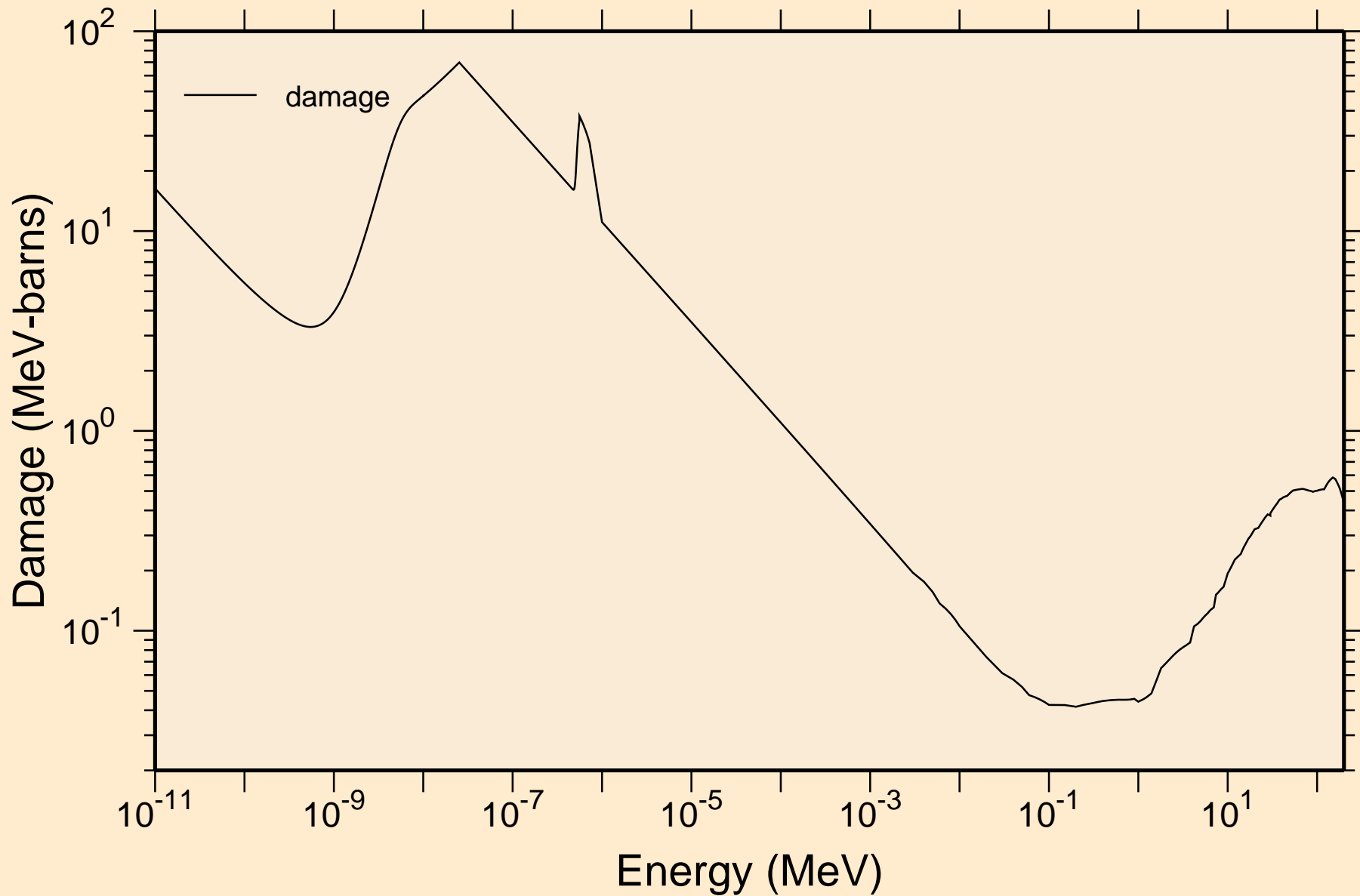
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



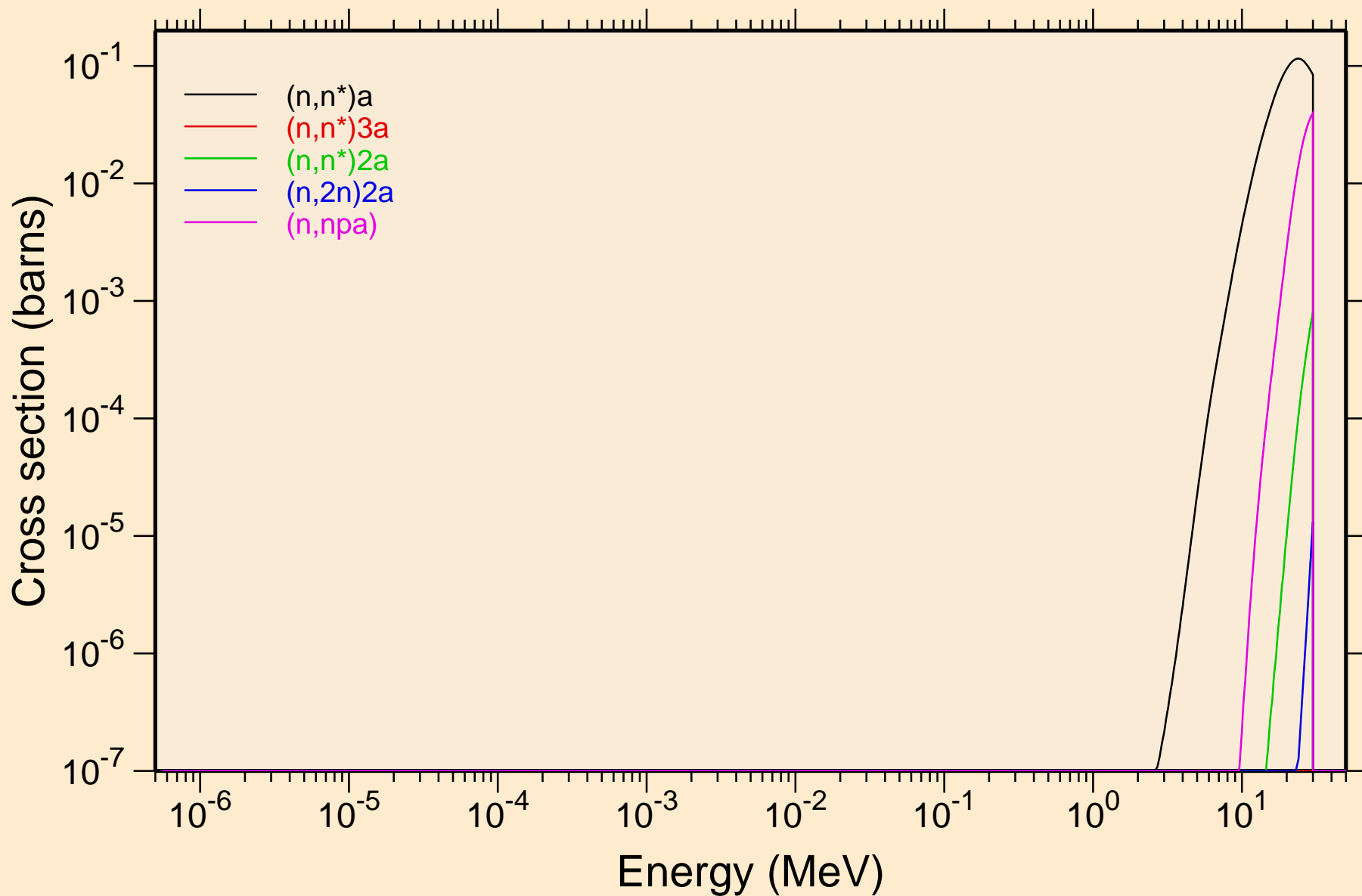
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Heating



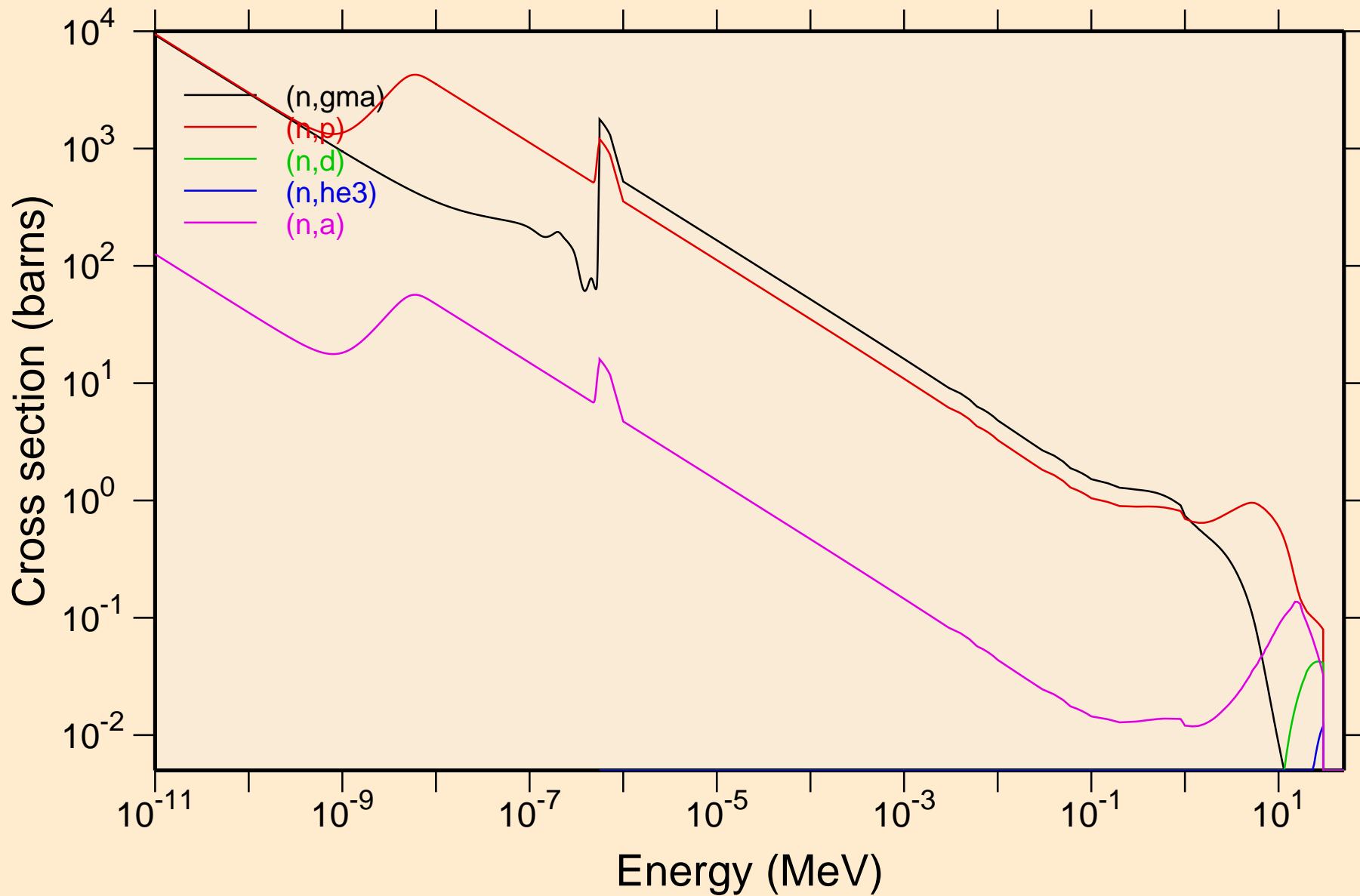
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



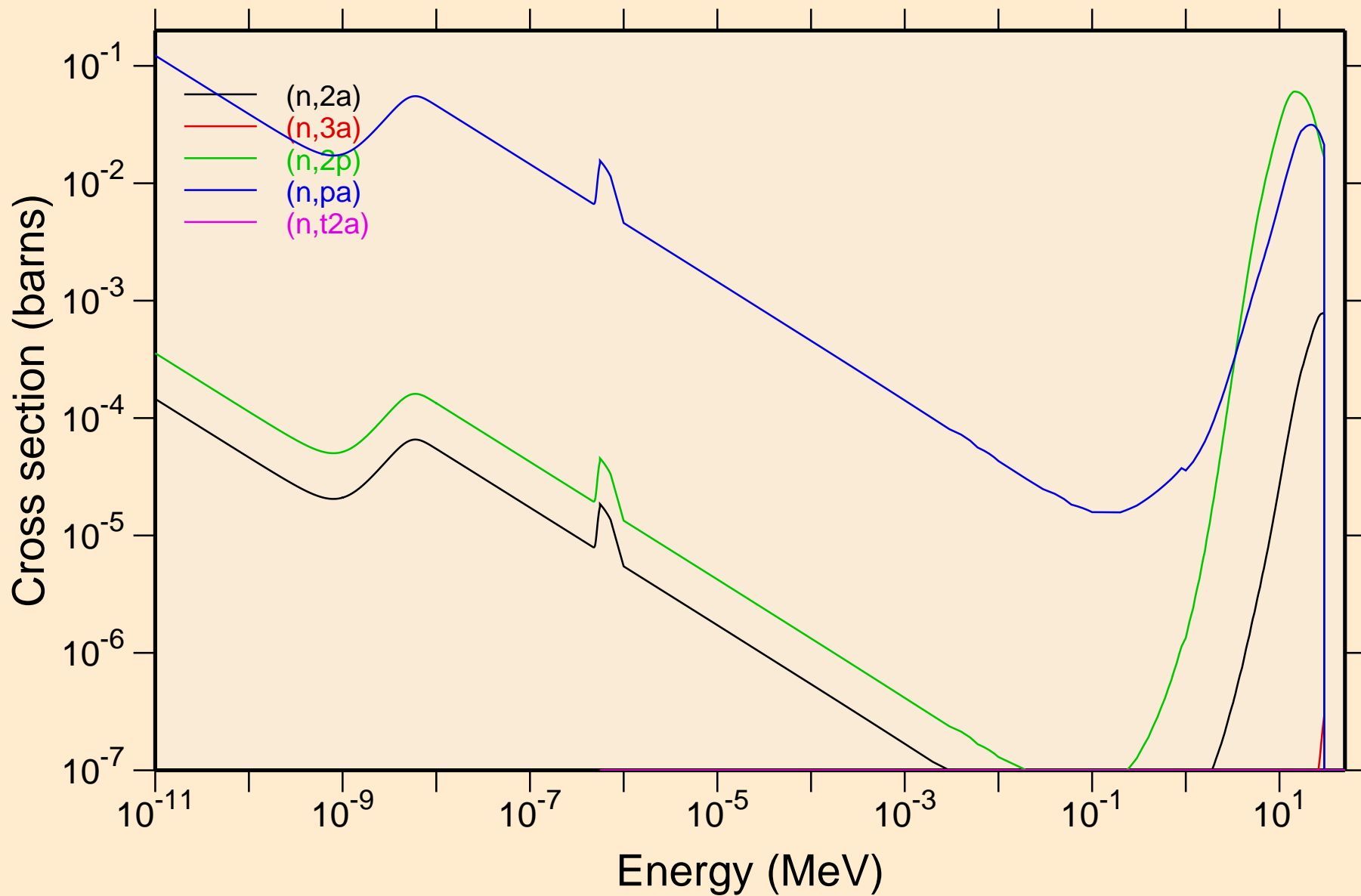
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Non-threshold reactions



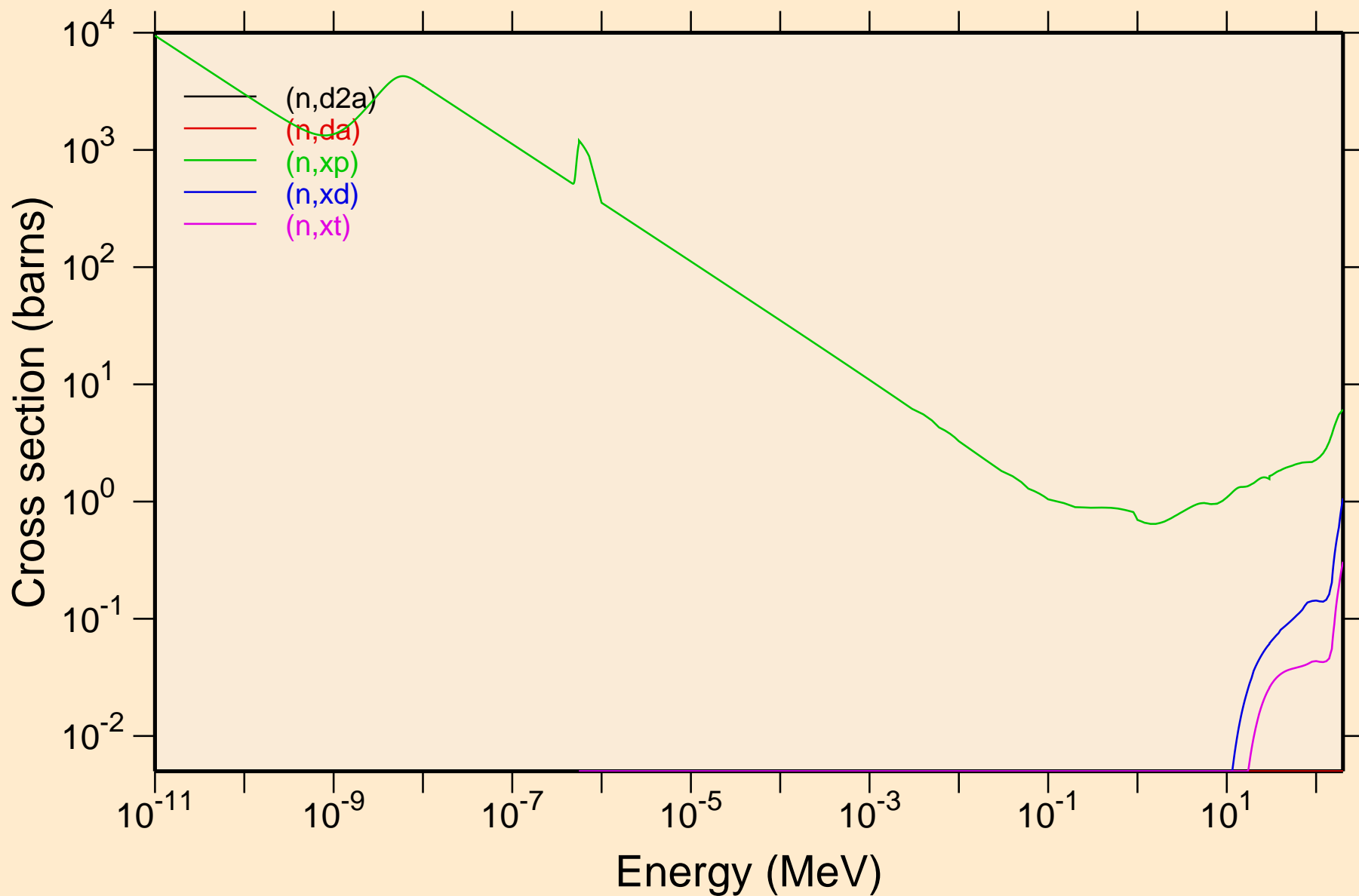
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Non-threshold reactions



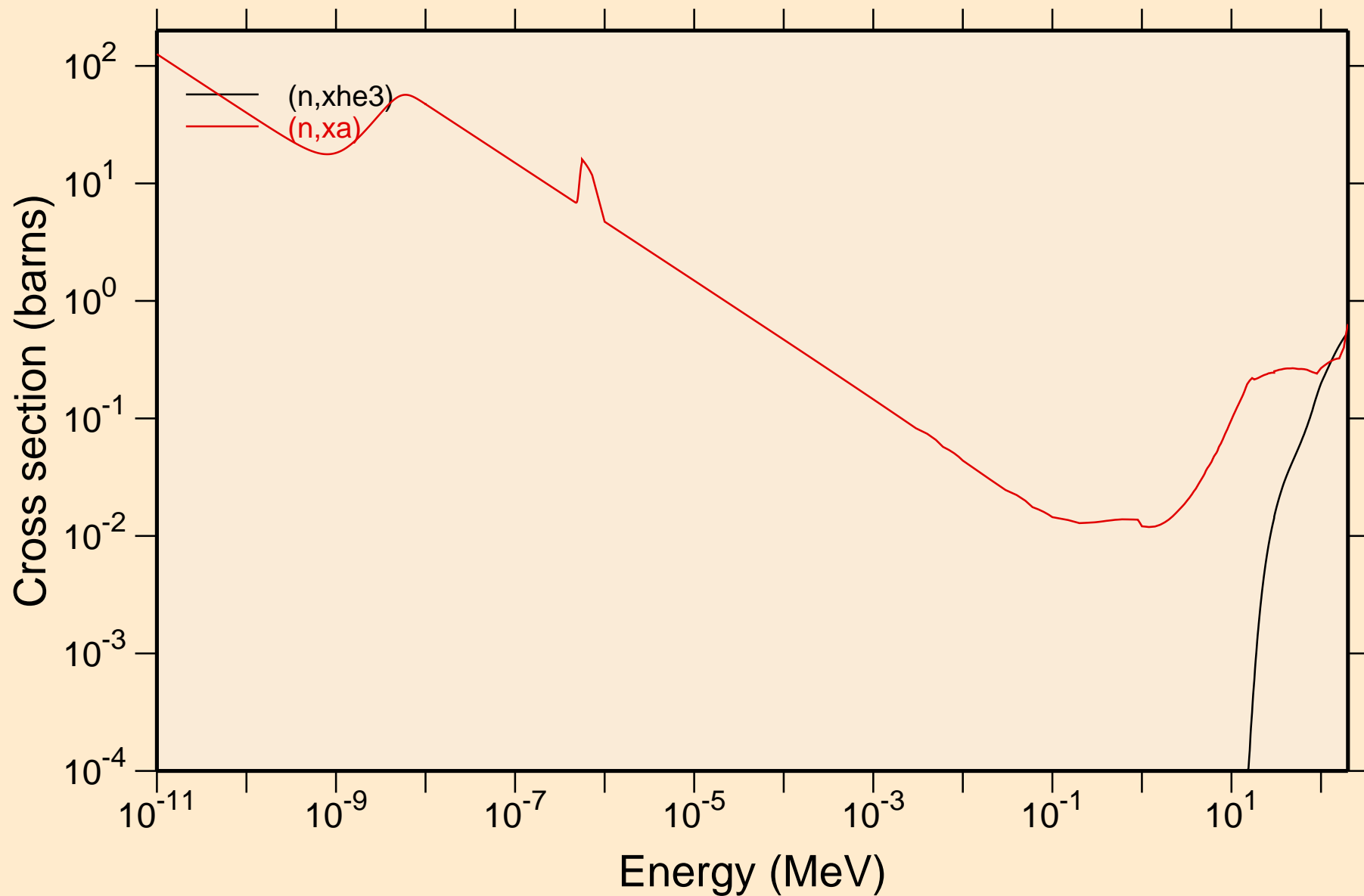
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



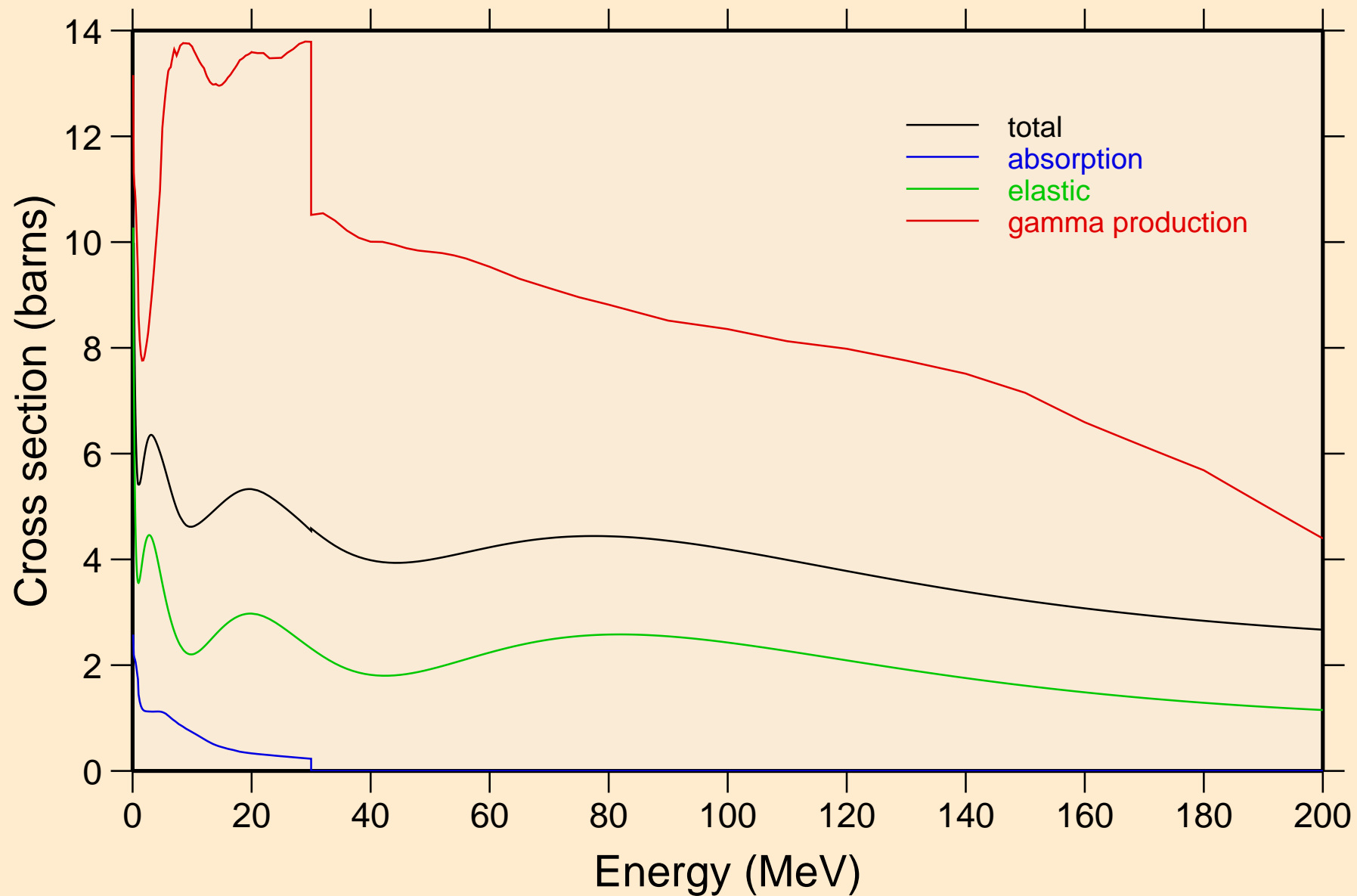
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Non-threshold reactions



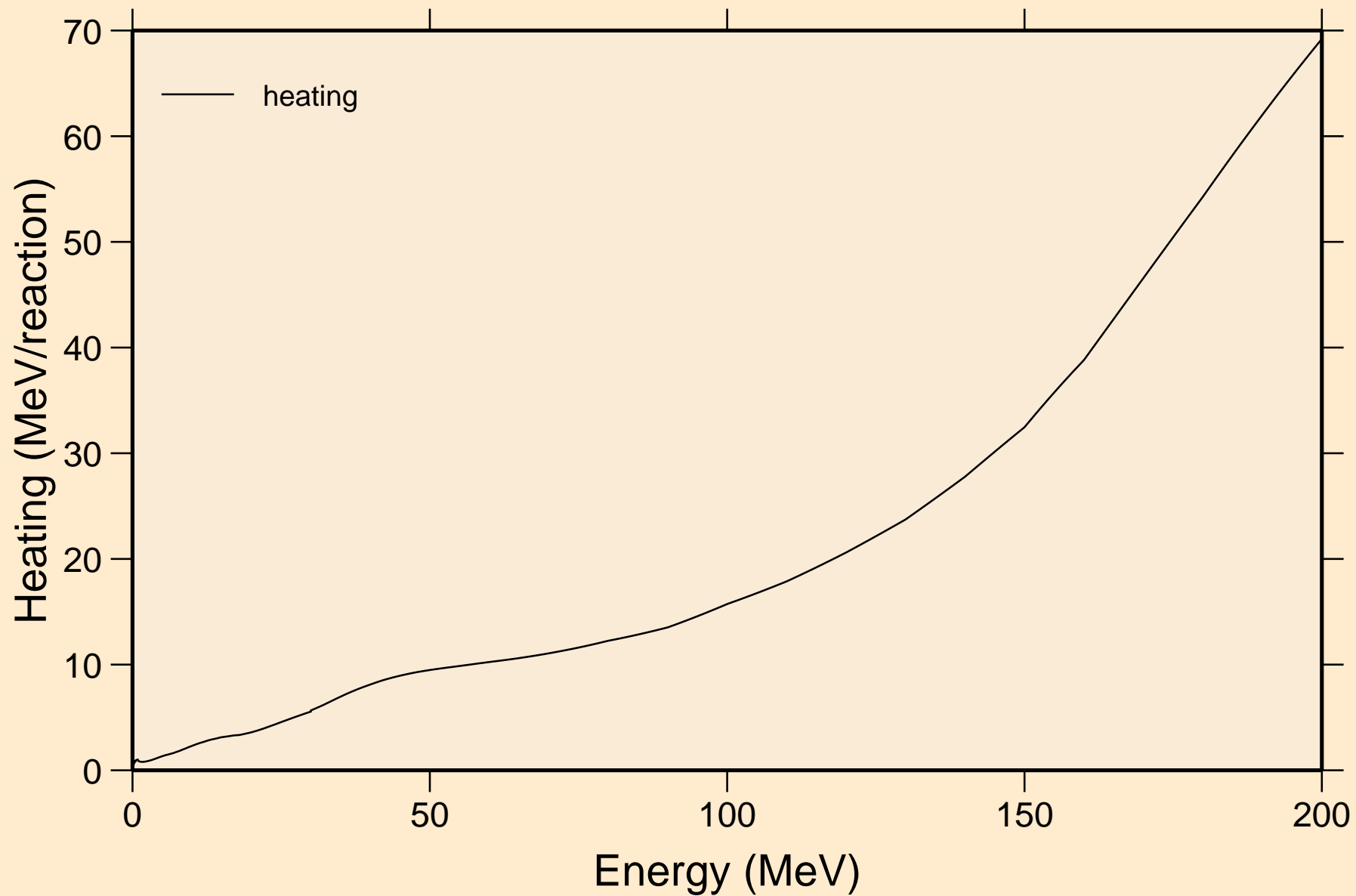
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Non-threshold reactions



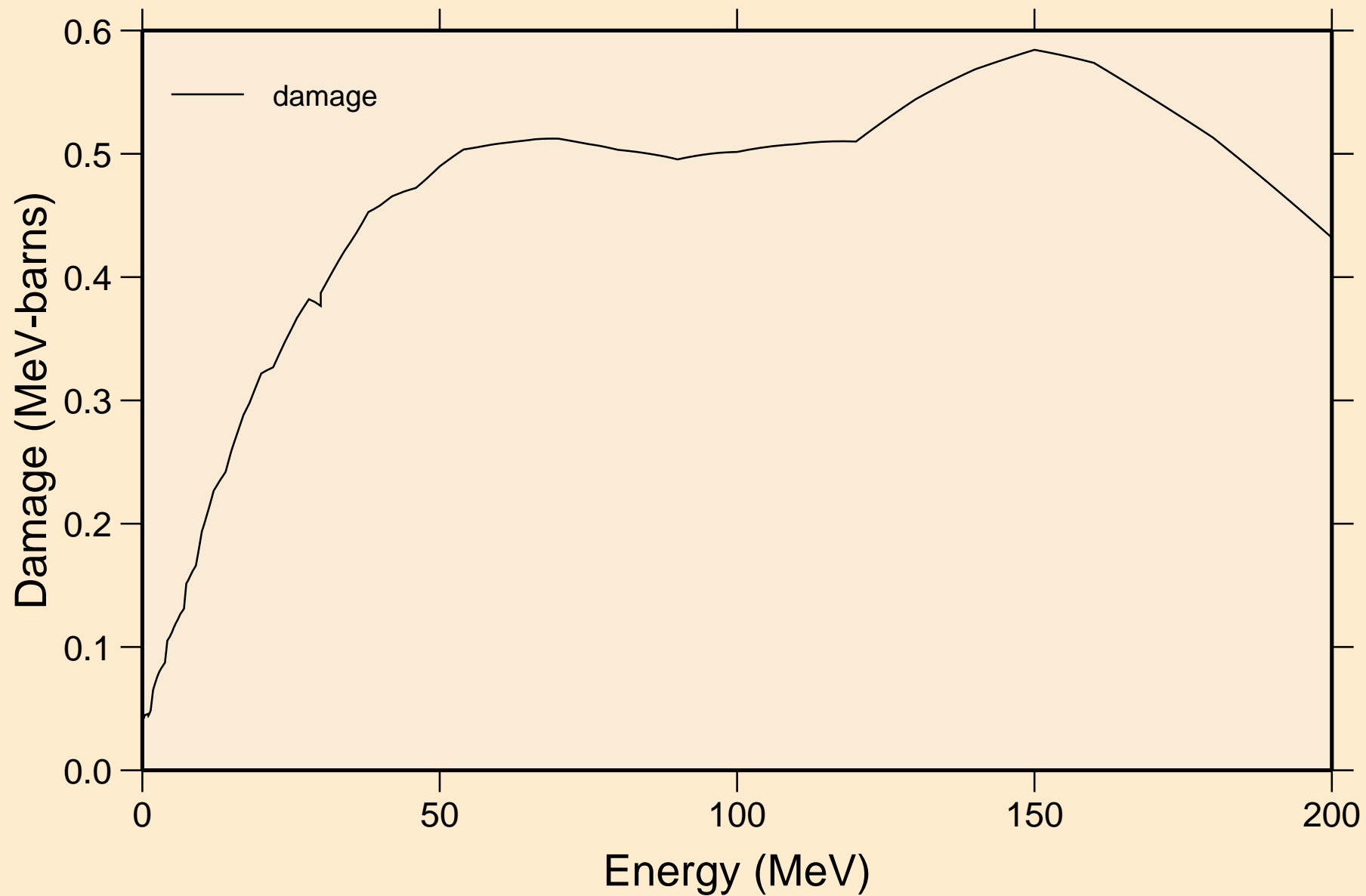
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Principal cross sections



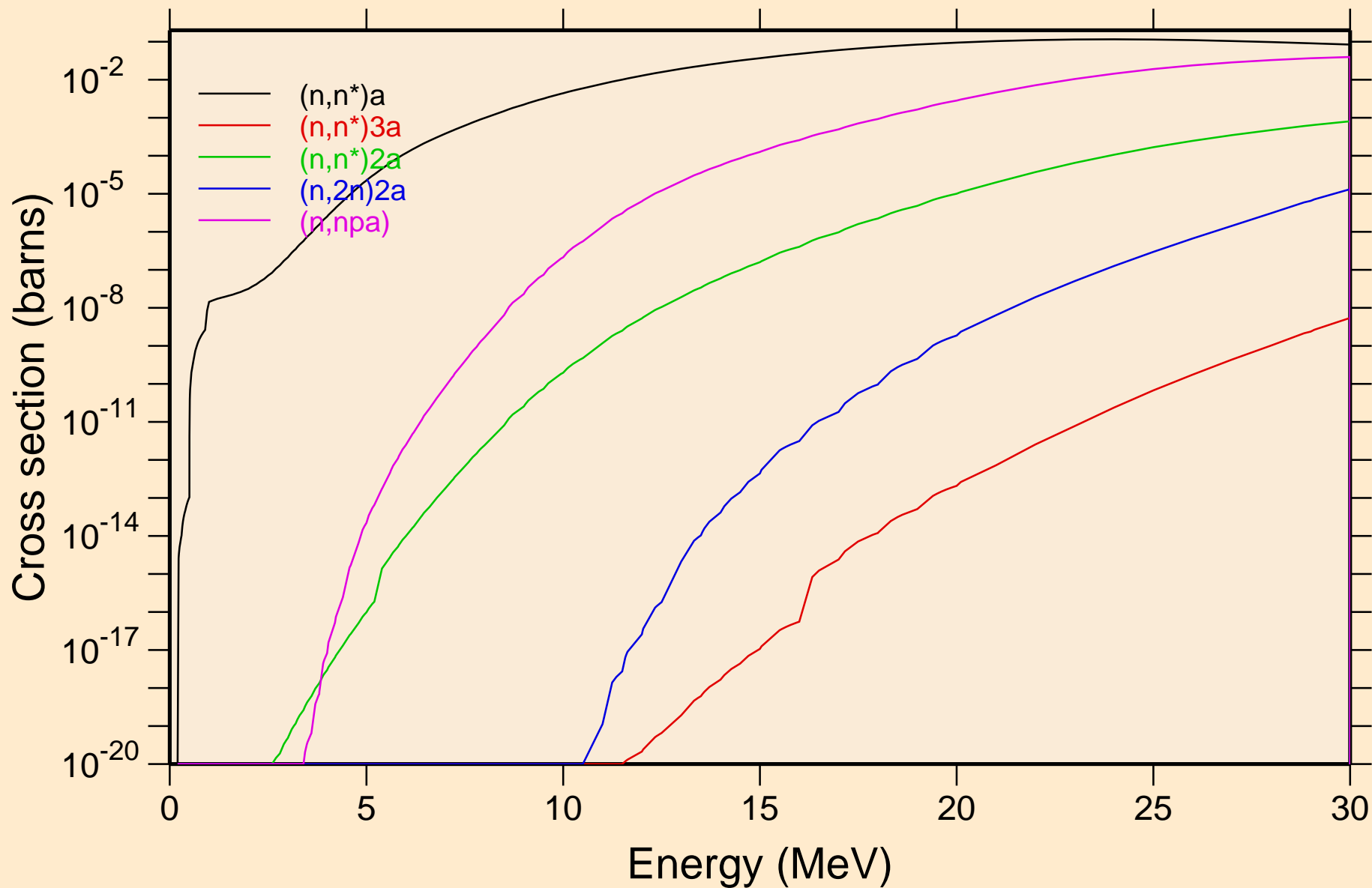
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



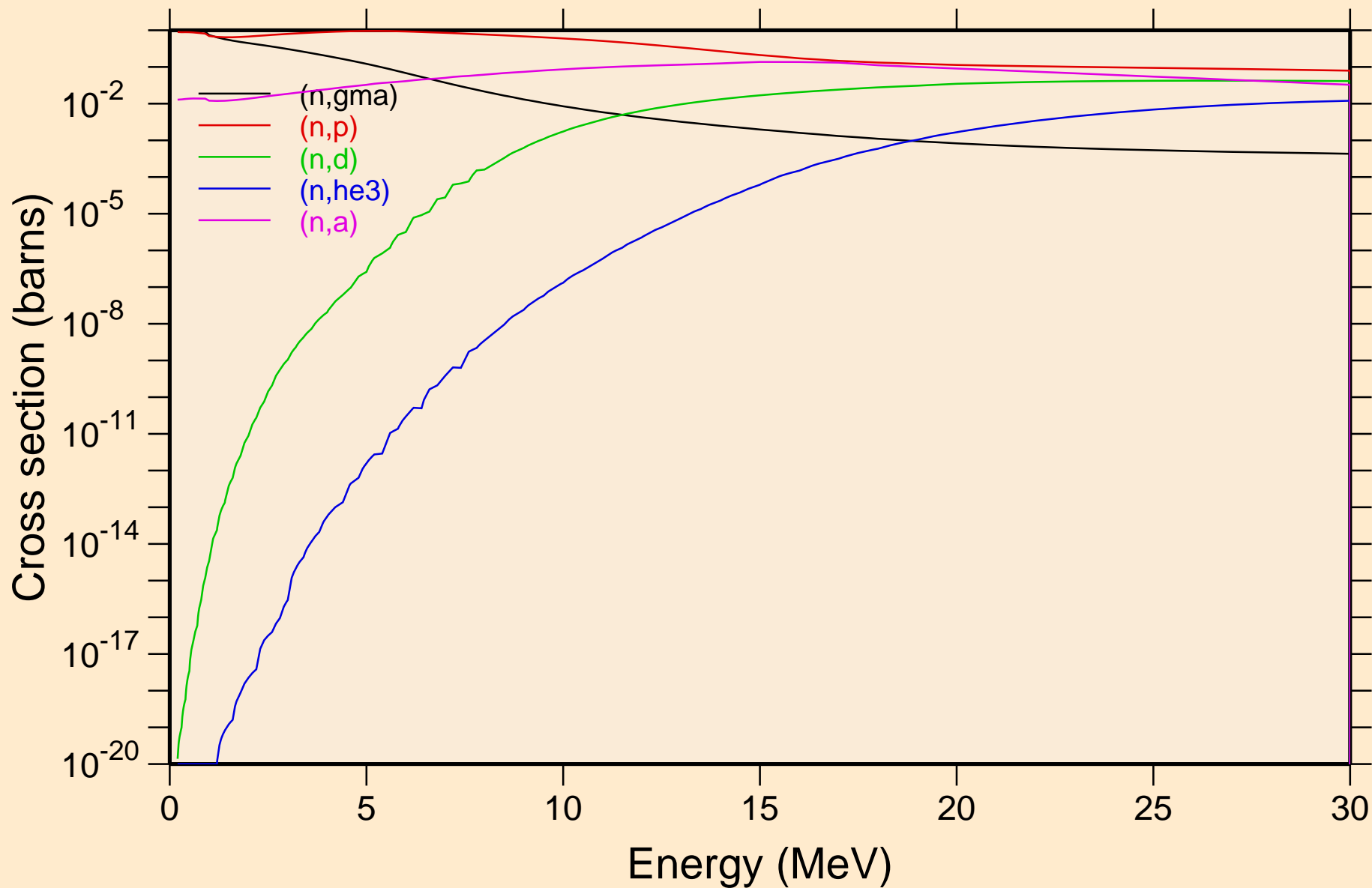
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



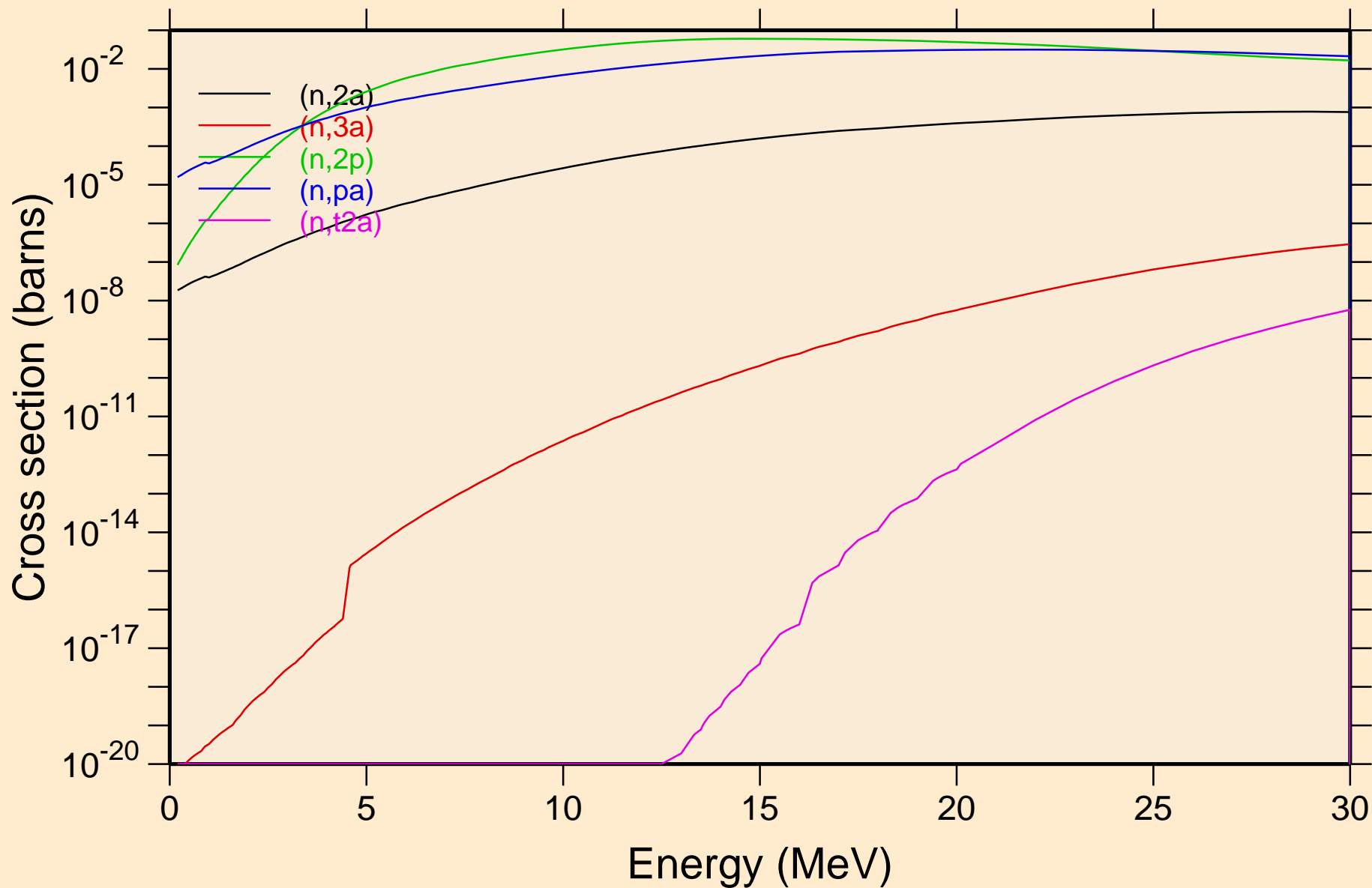
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Non-threshold reactions



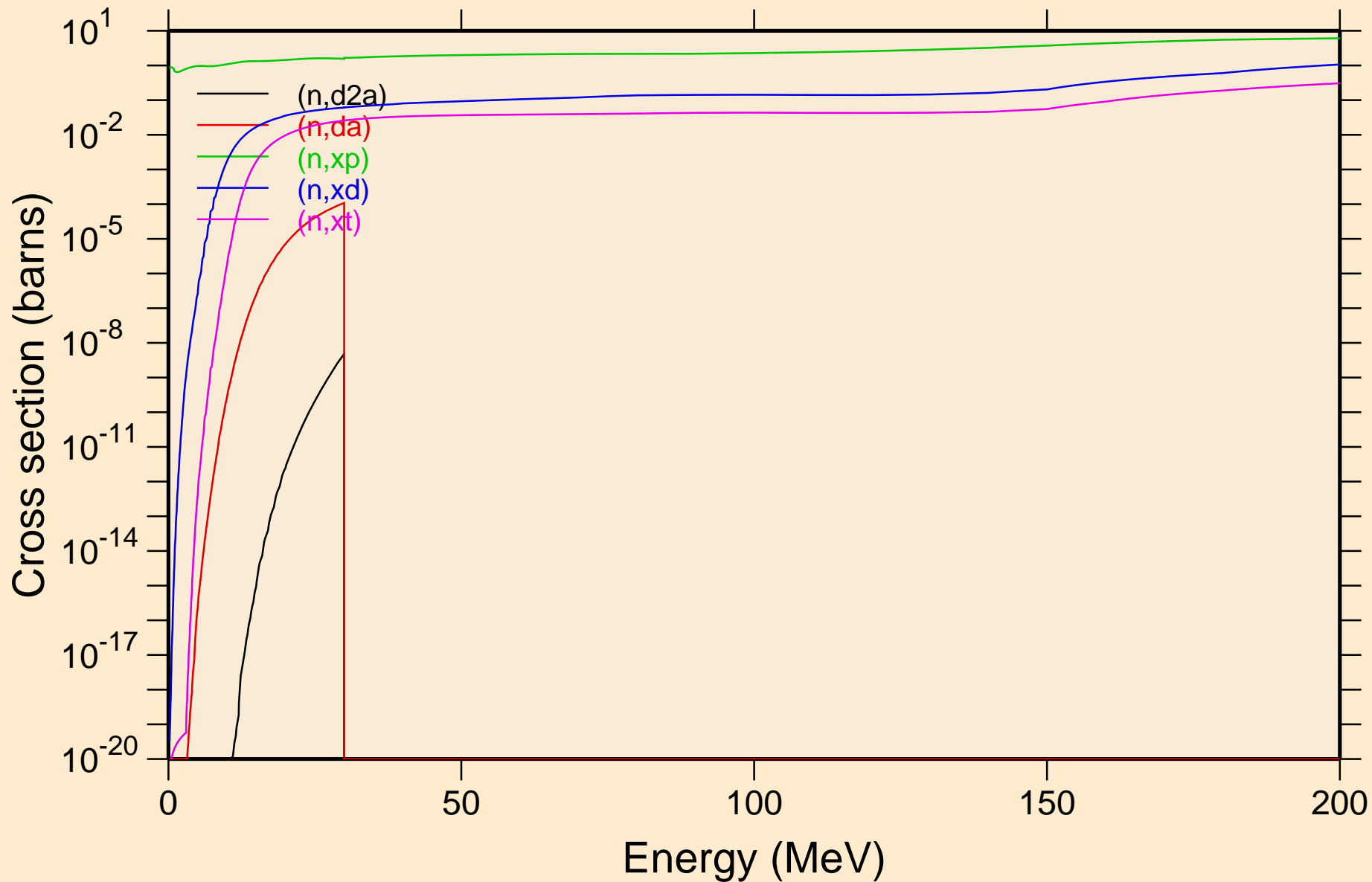
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Non-threshold reactions



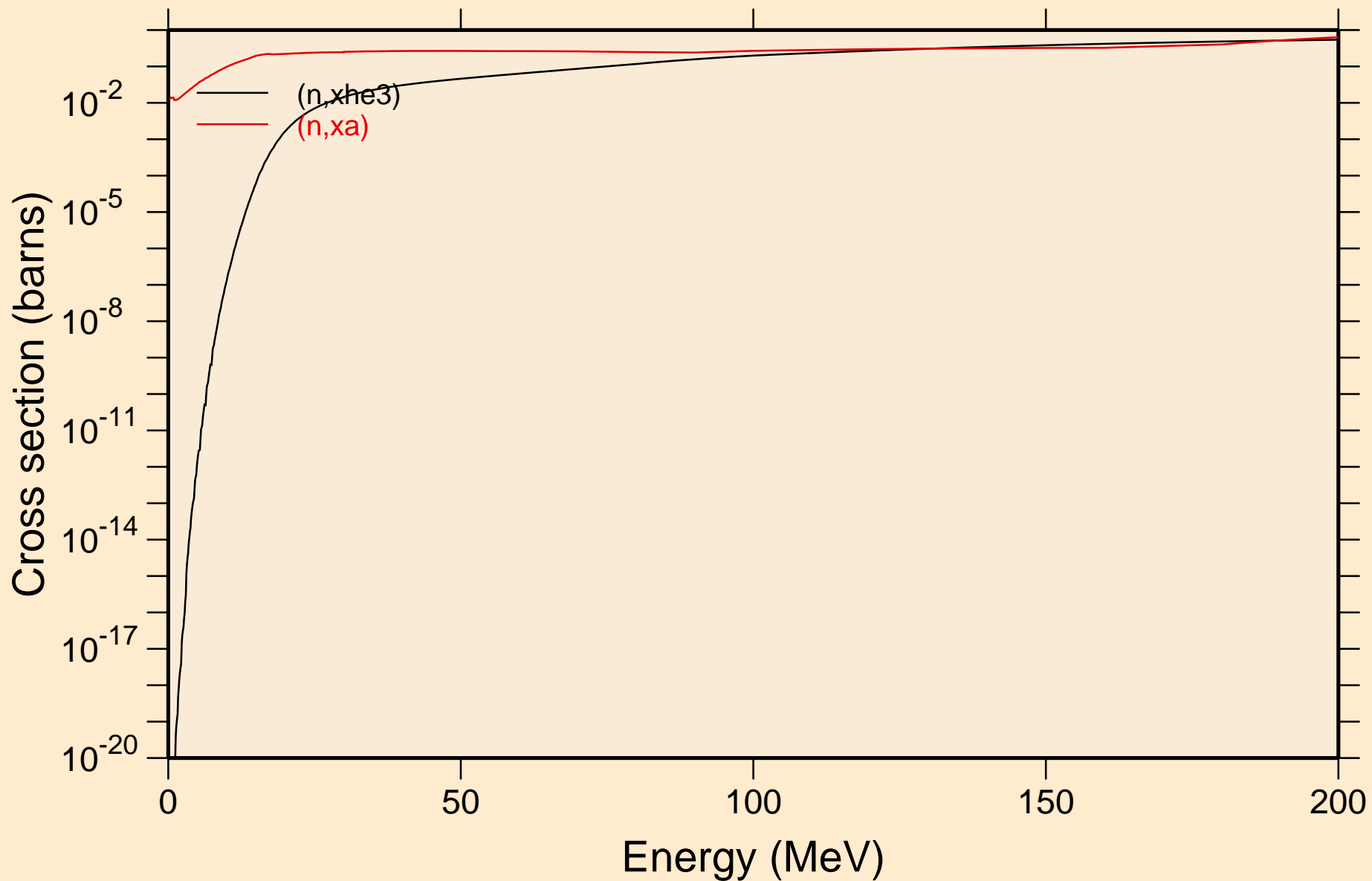
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Non-threshold reactions



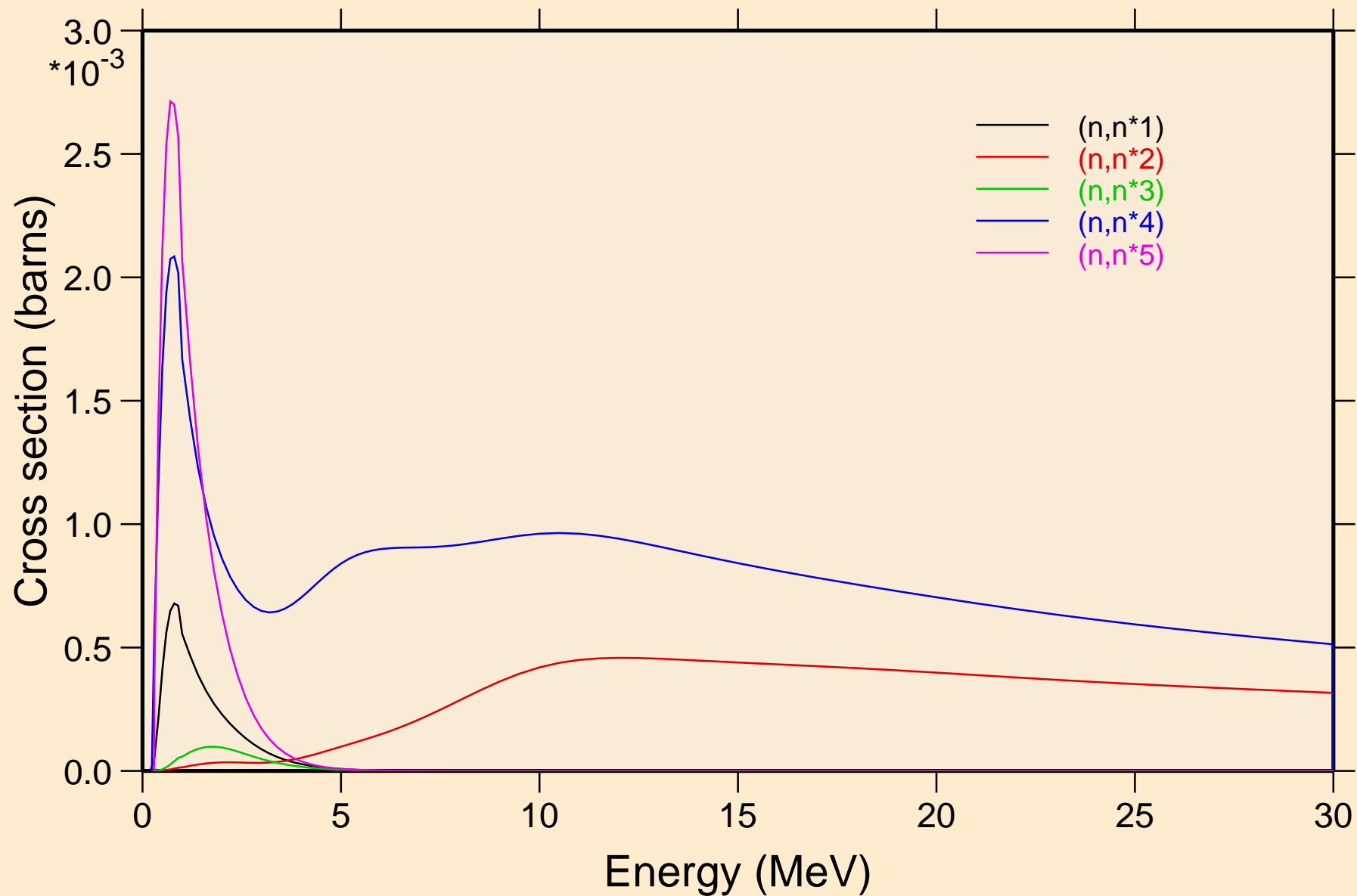
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Non-threshold reactions



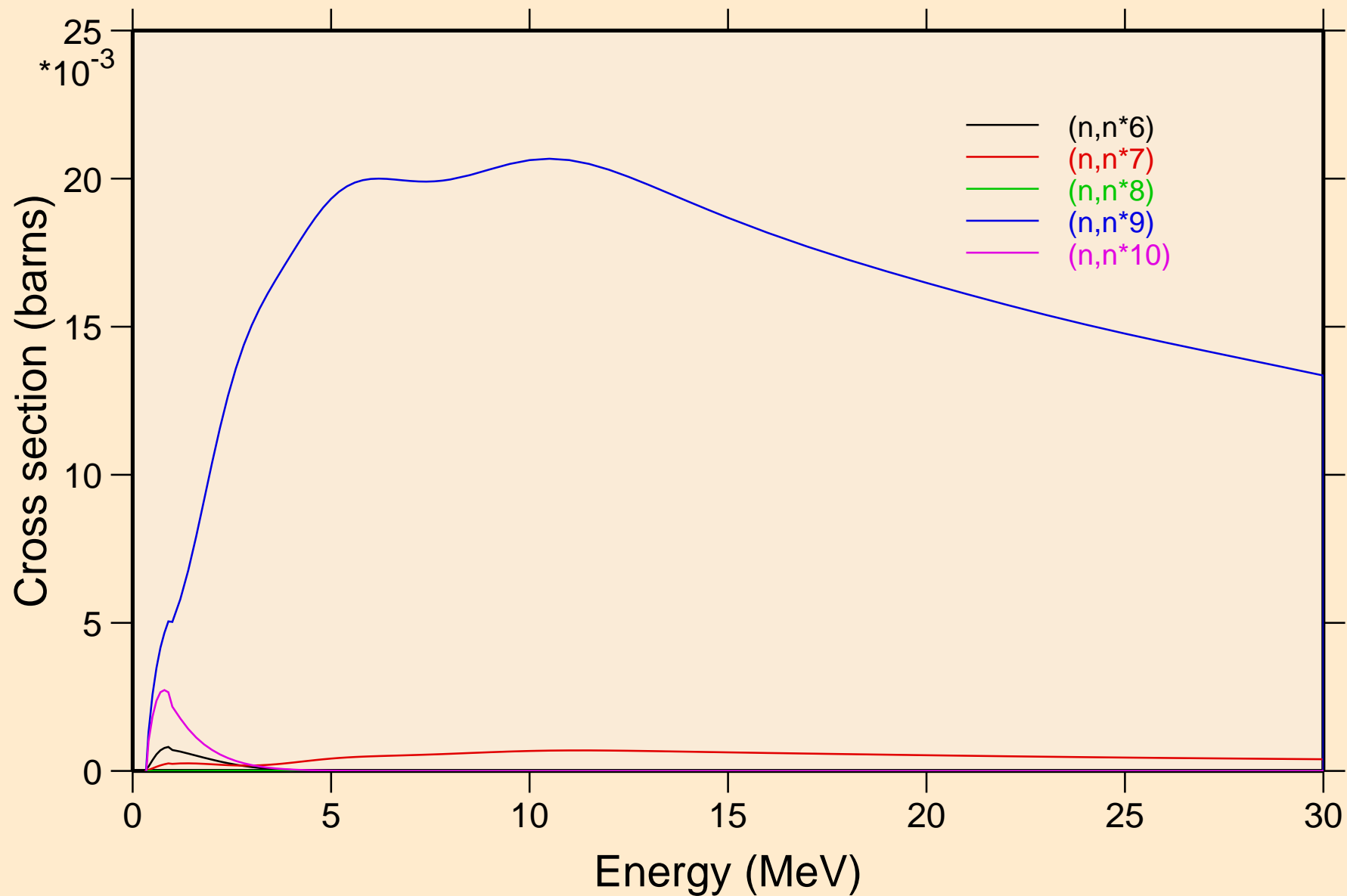
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Non-threshold reactions



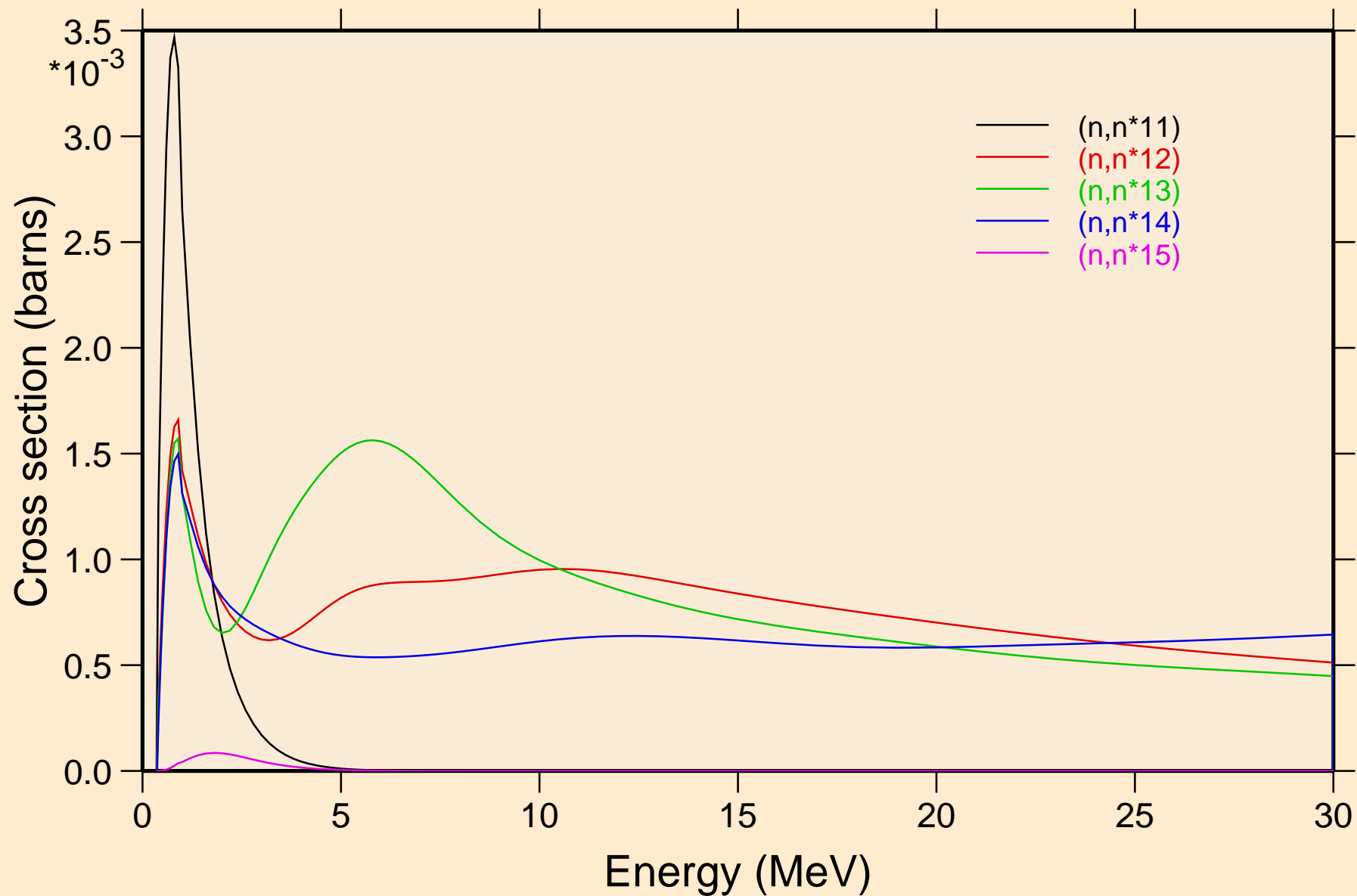
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



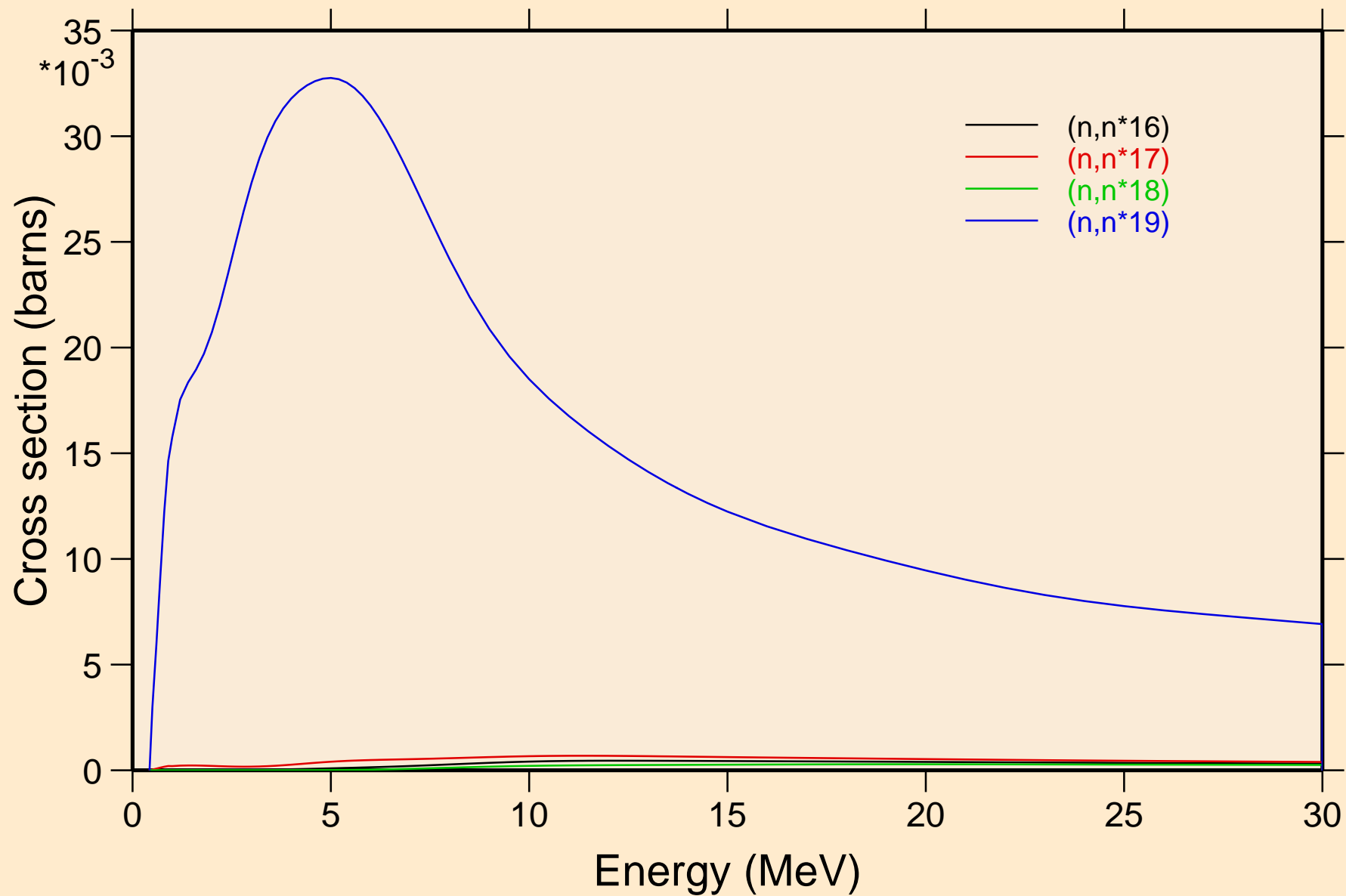
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



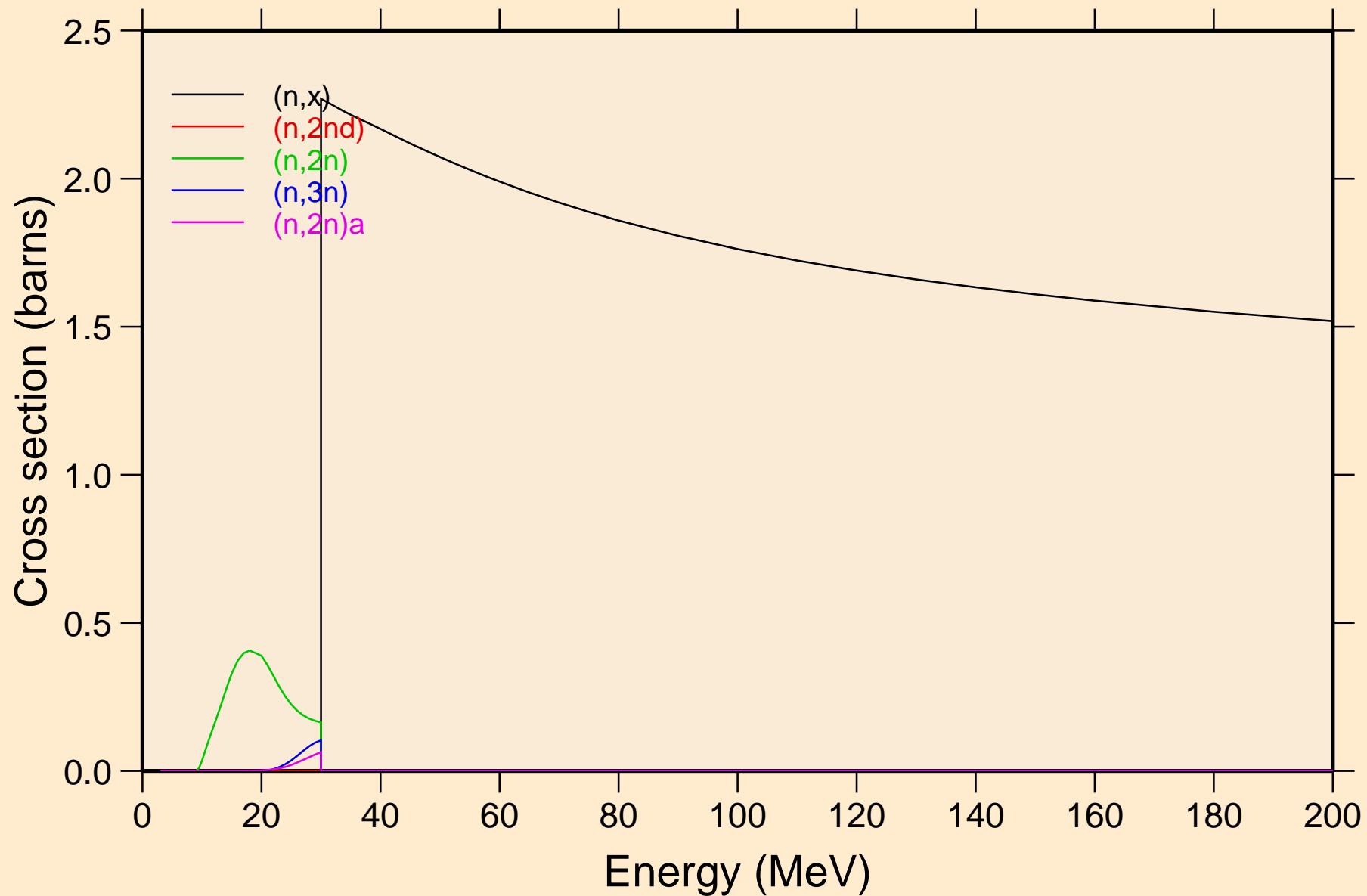
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



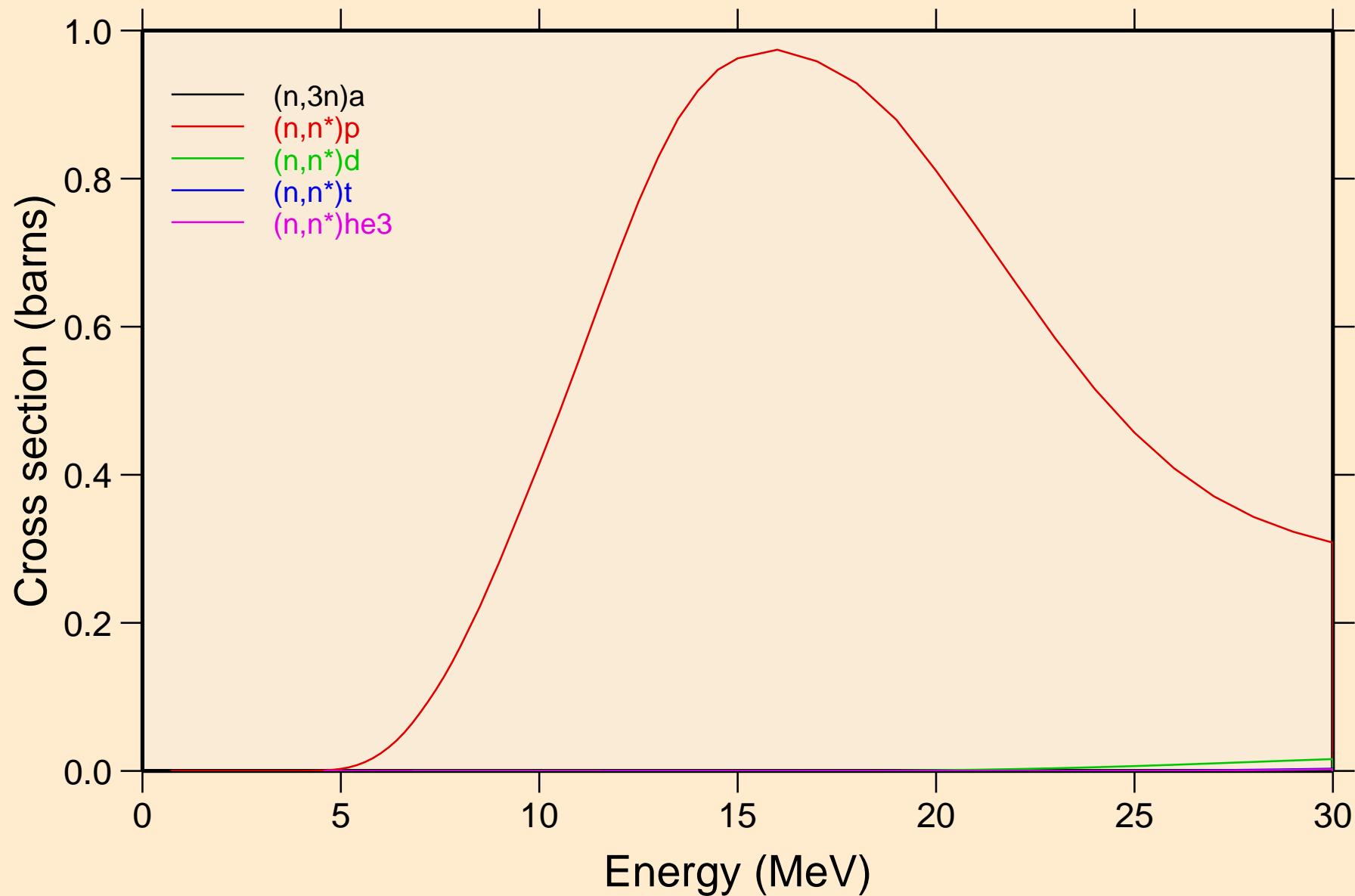
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



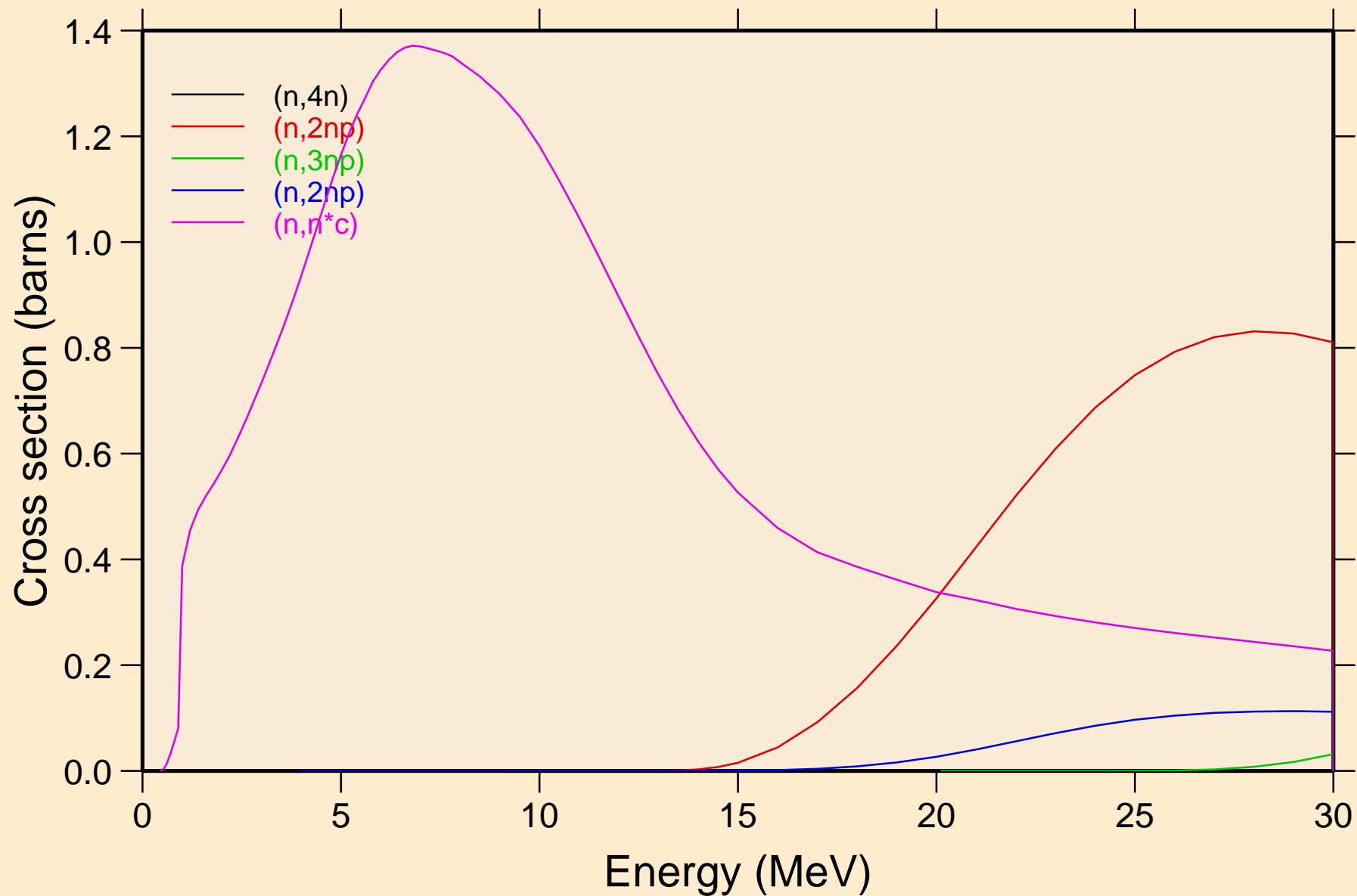
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



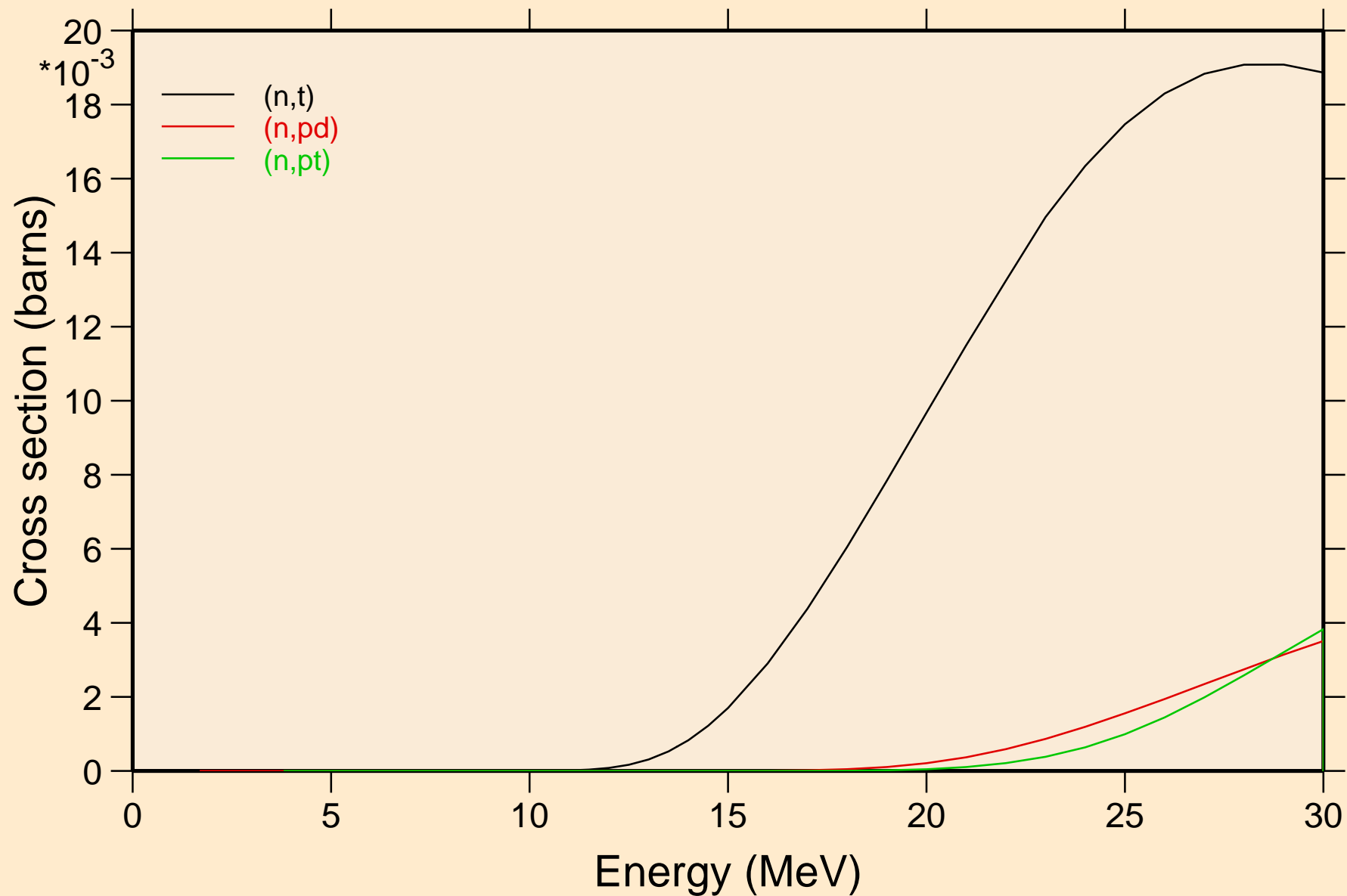
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



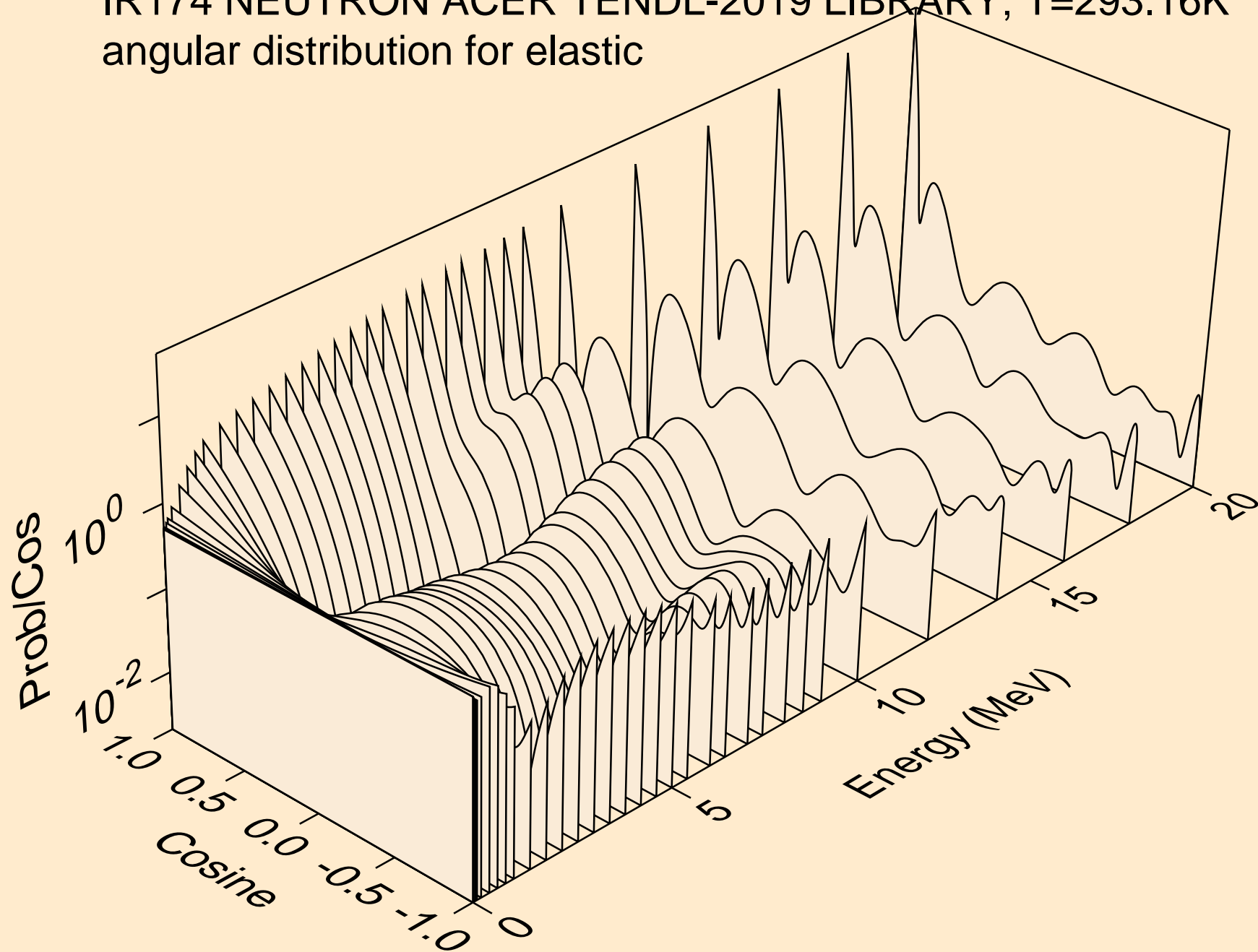
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



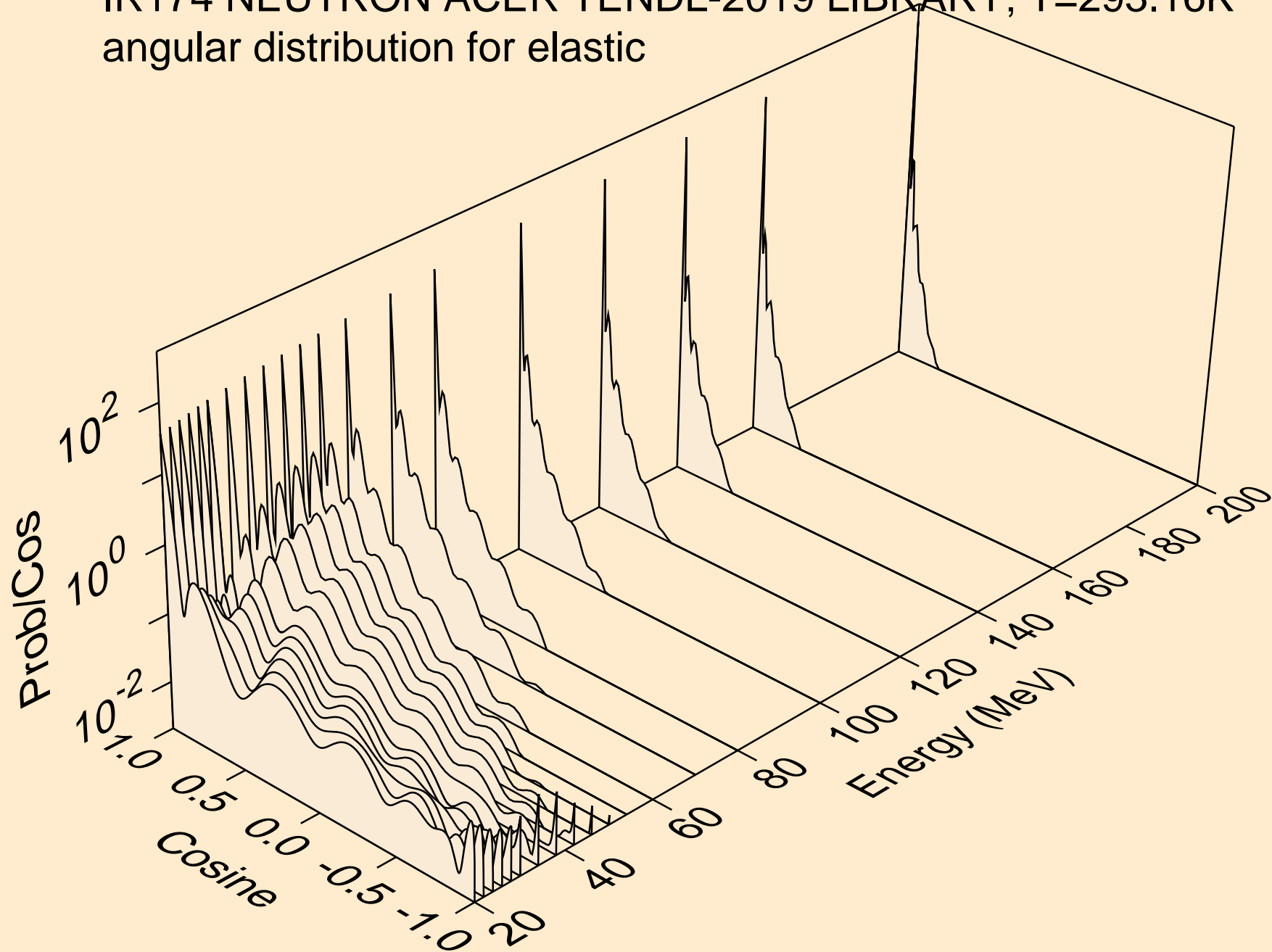
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



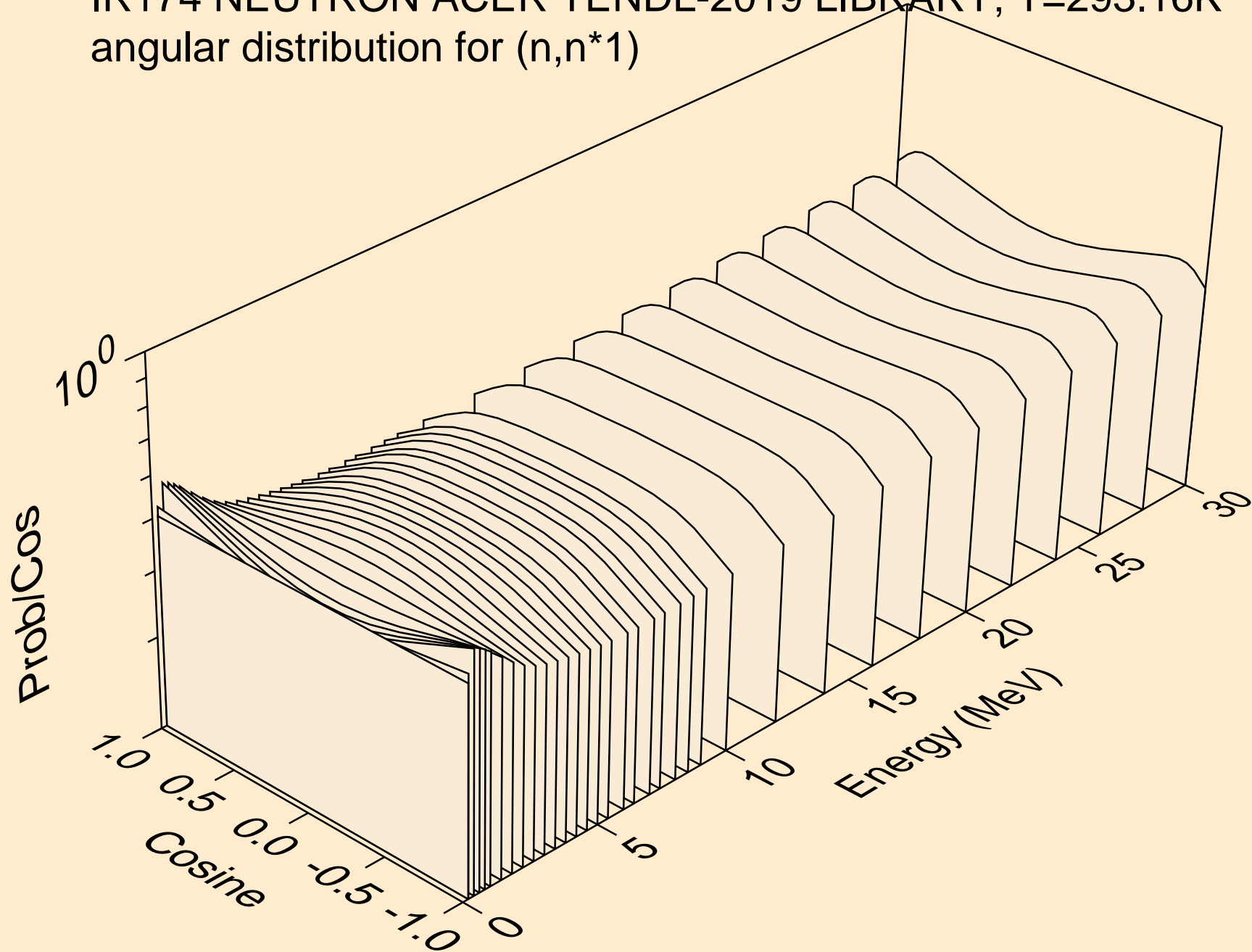
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



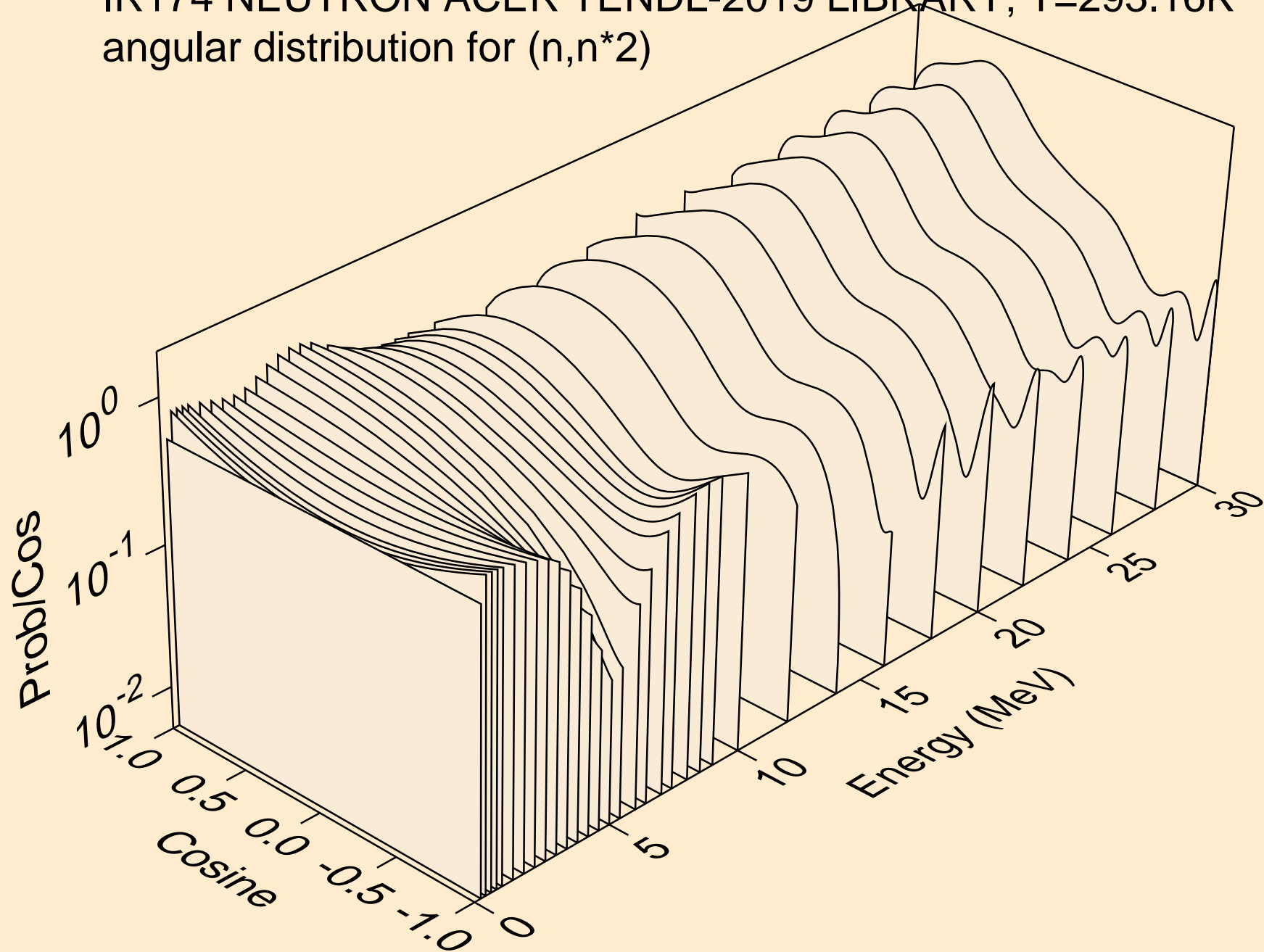
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



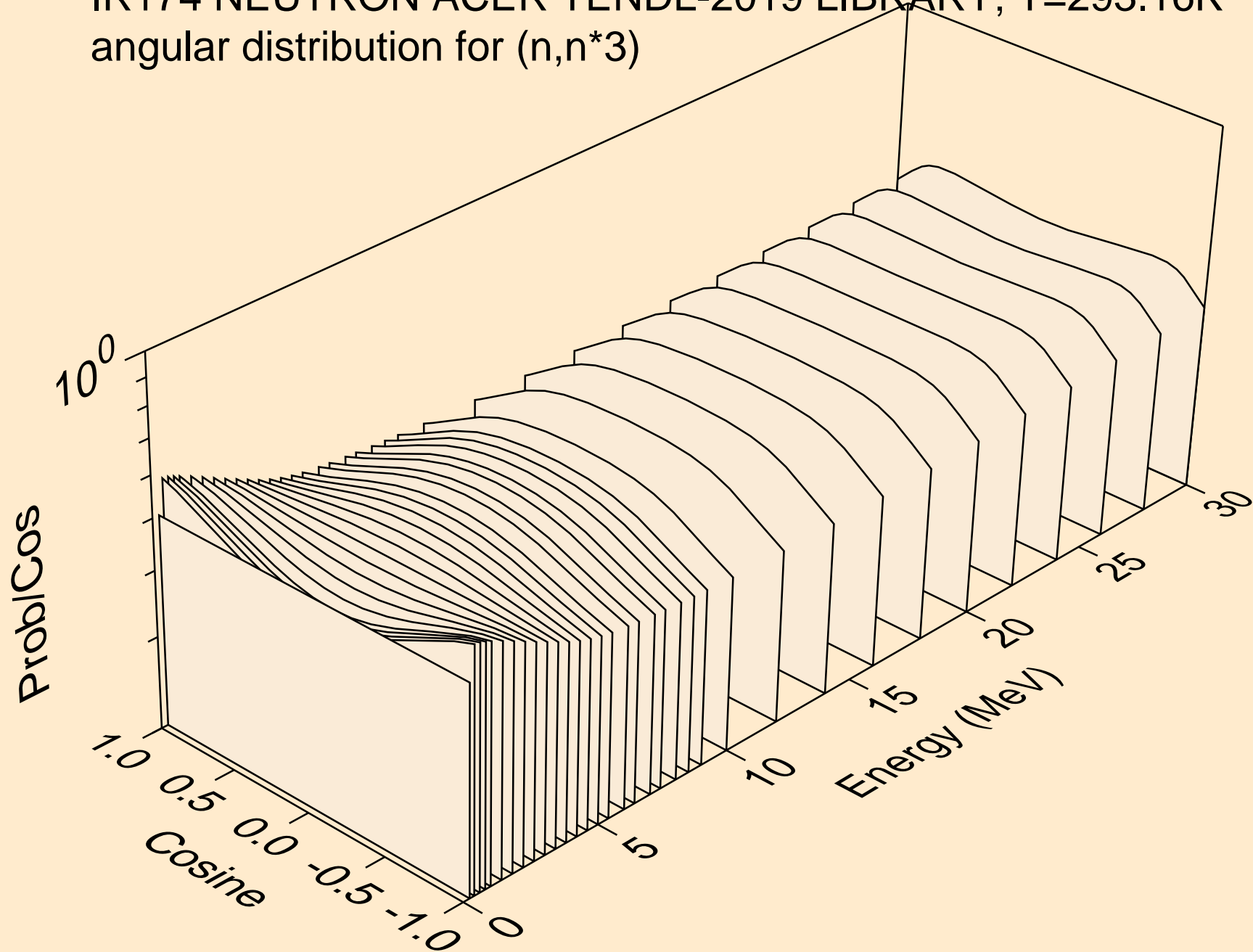
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



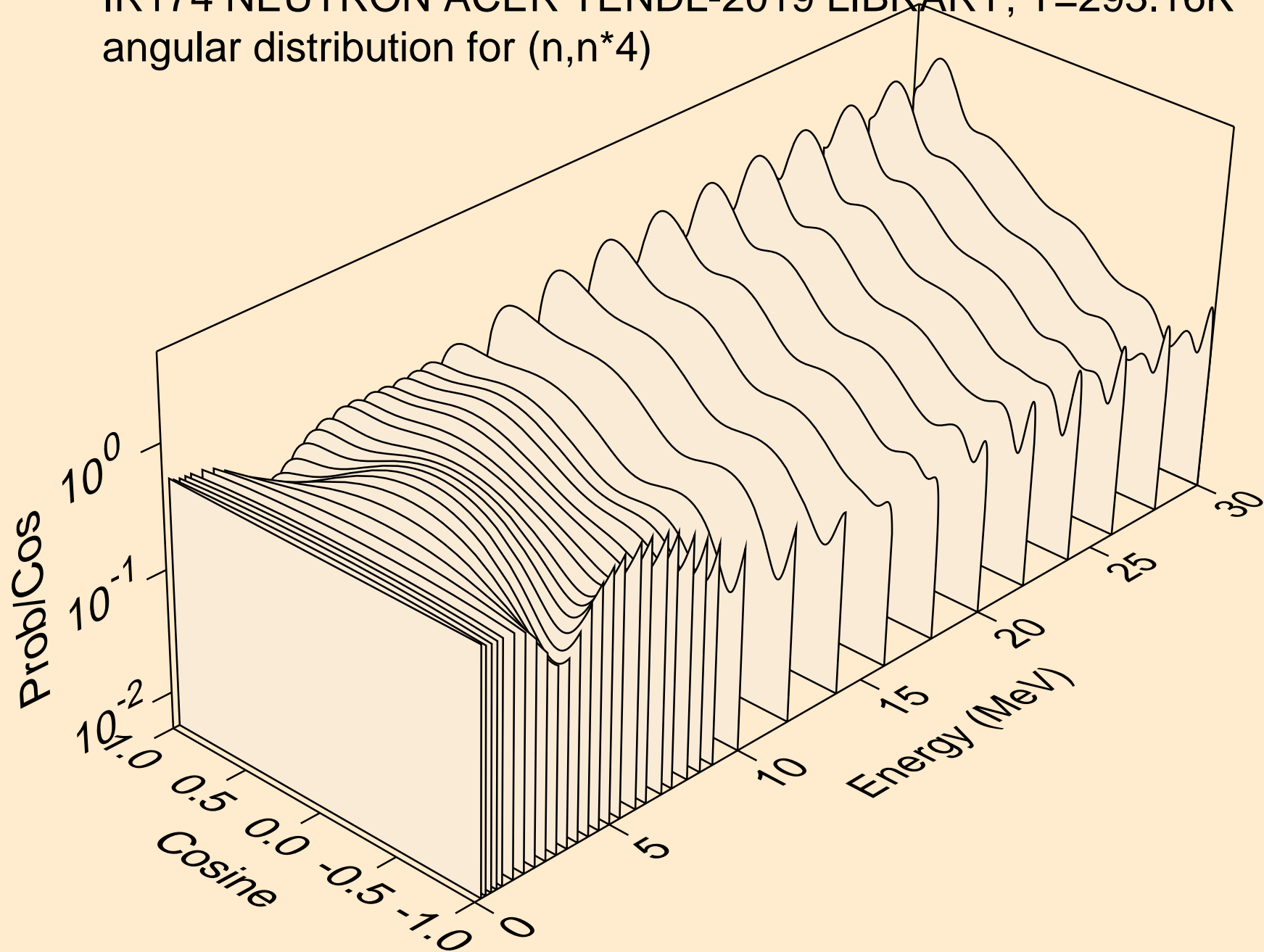
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



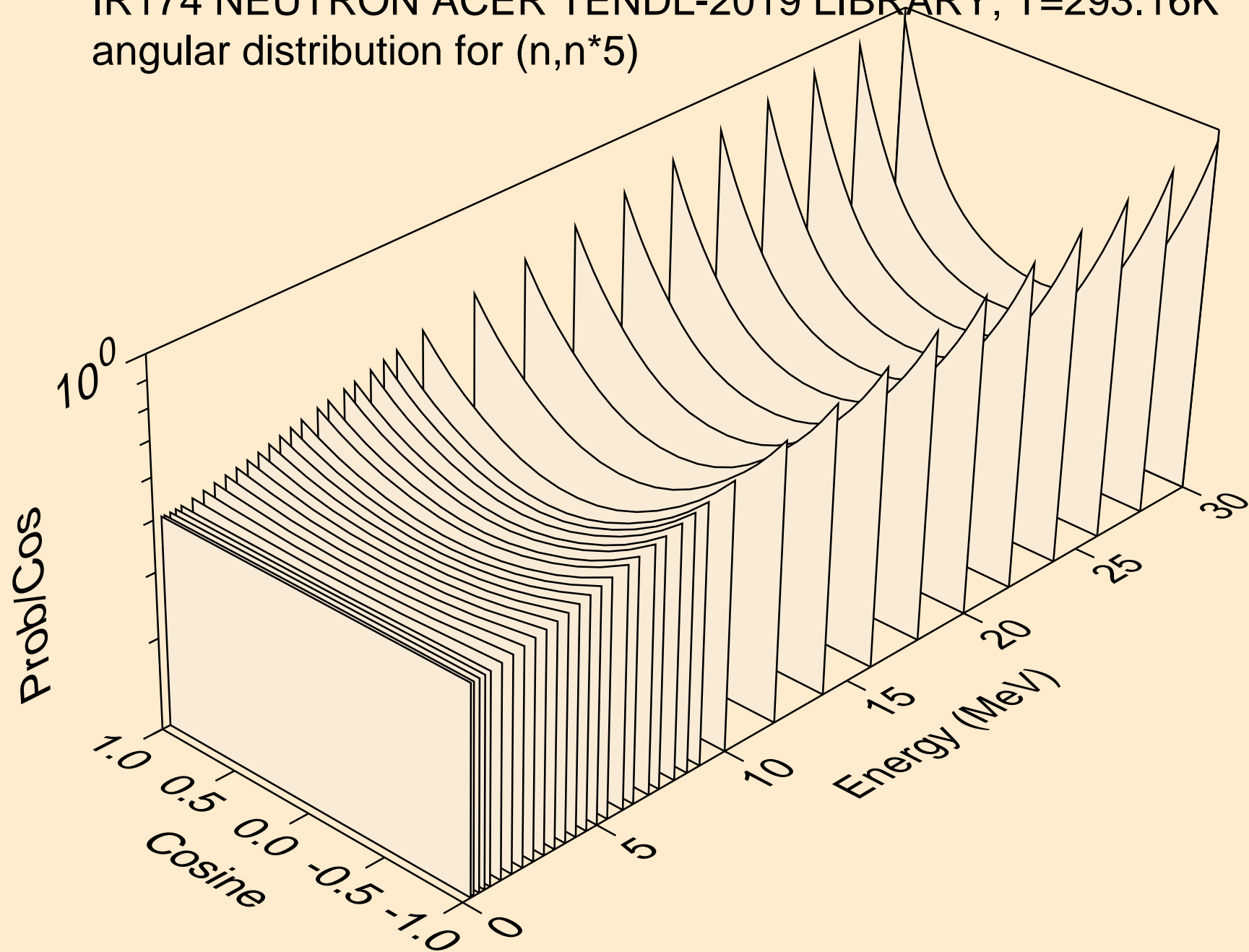
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



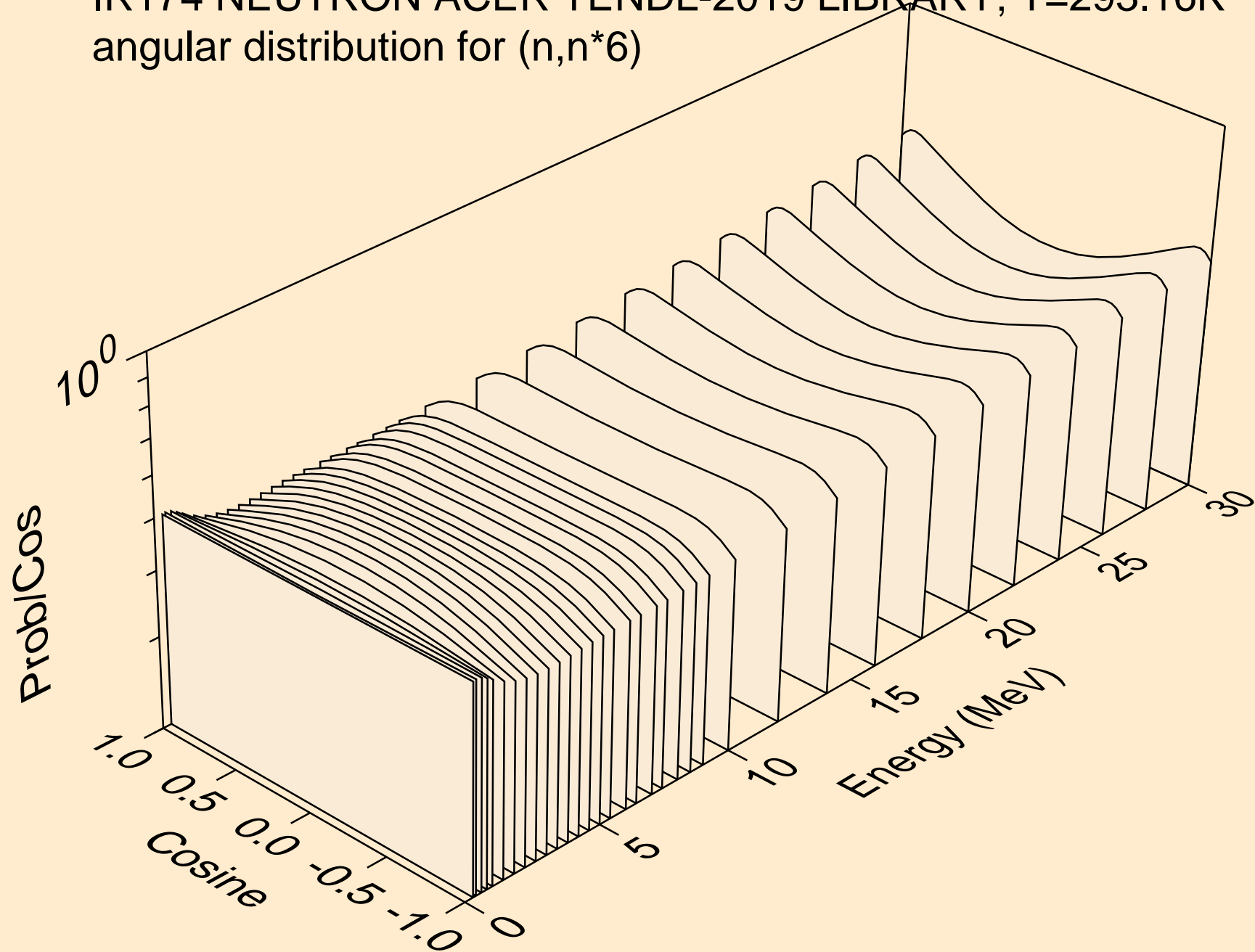
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angular distribution for (n,n*4)



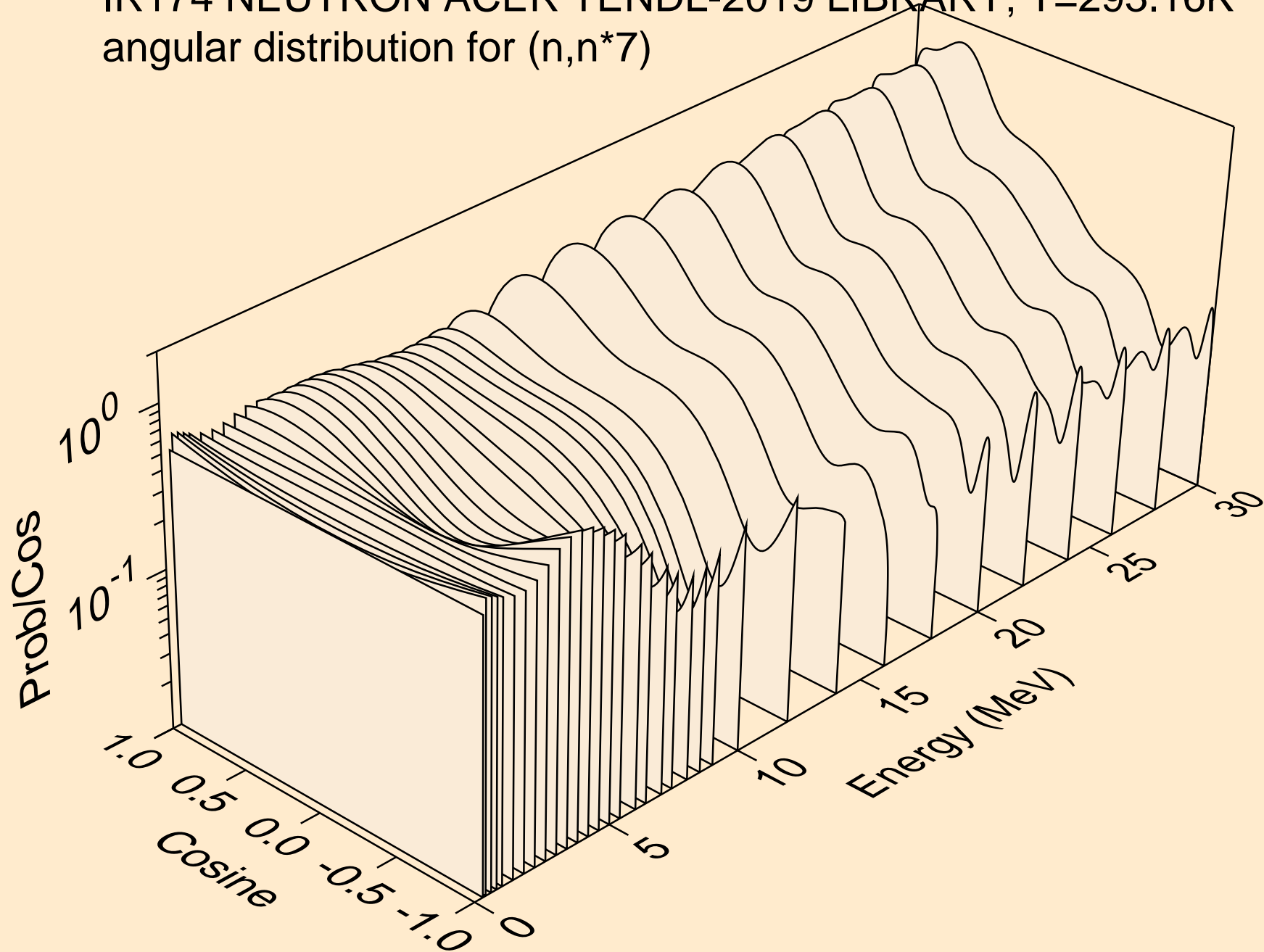
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angular distribution for (n,n*5)



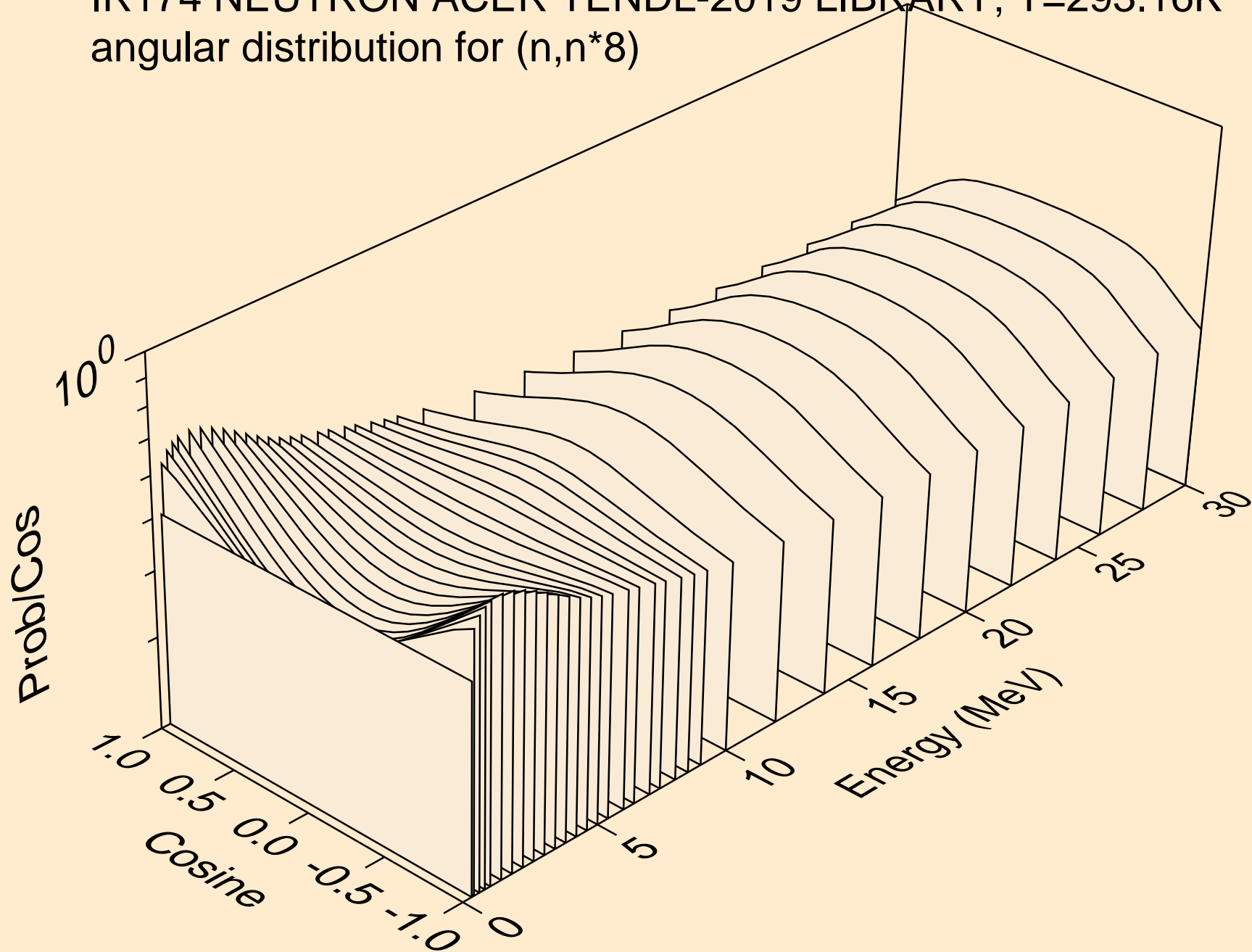
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angular distribution for (n,n*6)



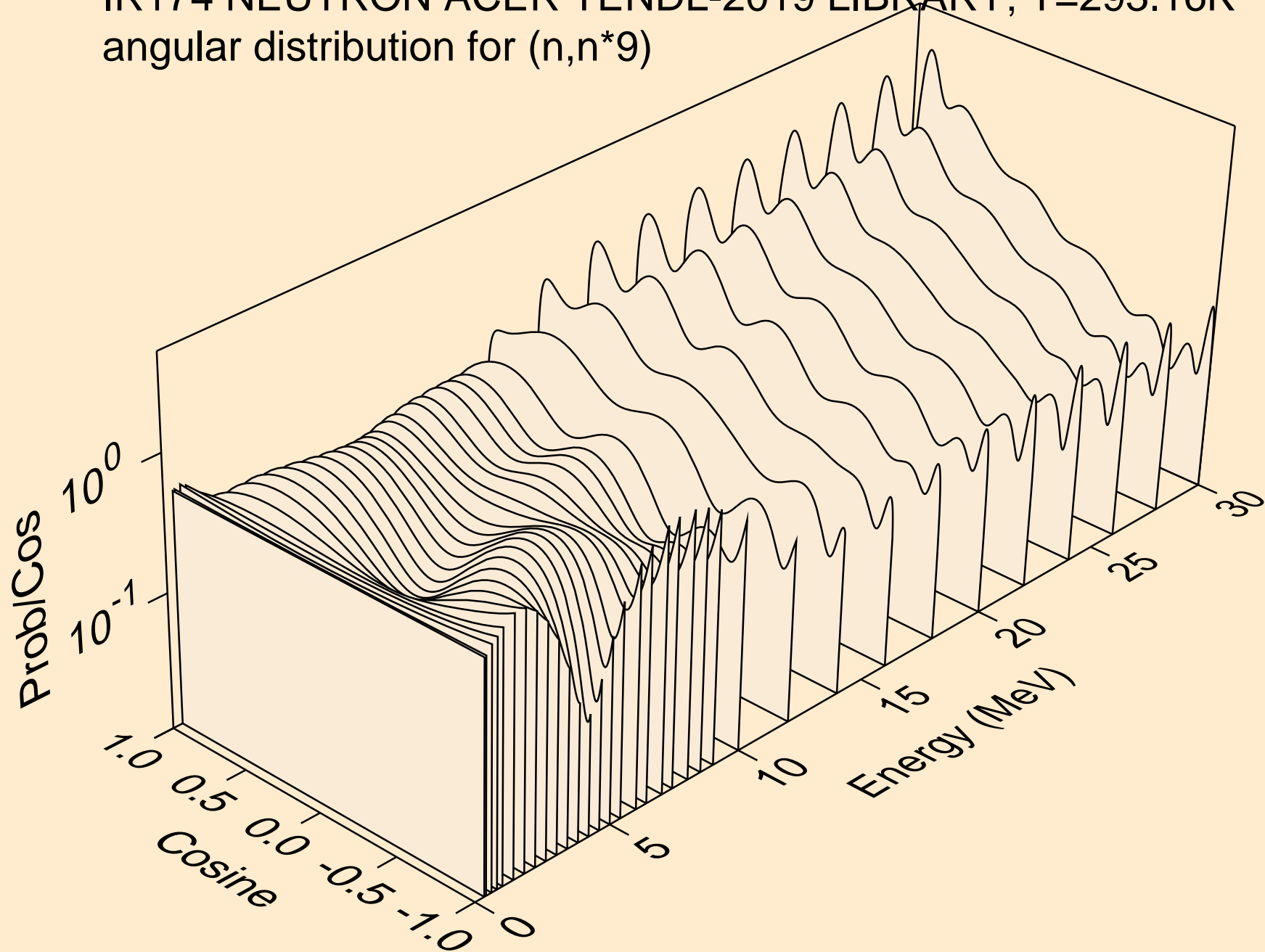
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angular distribution for (n,n*7)



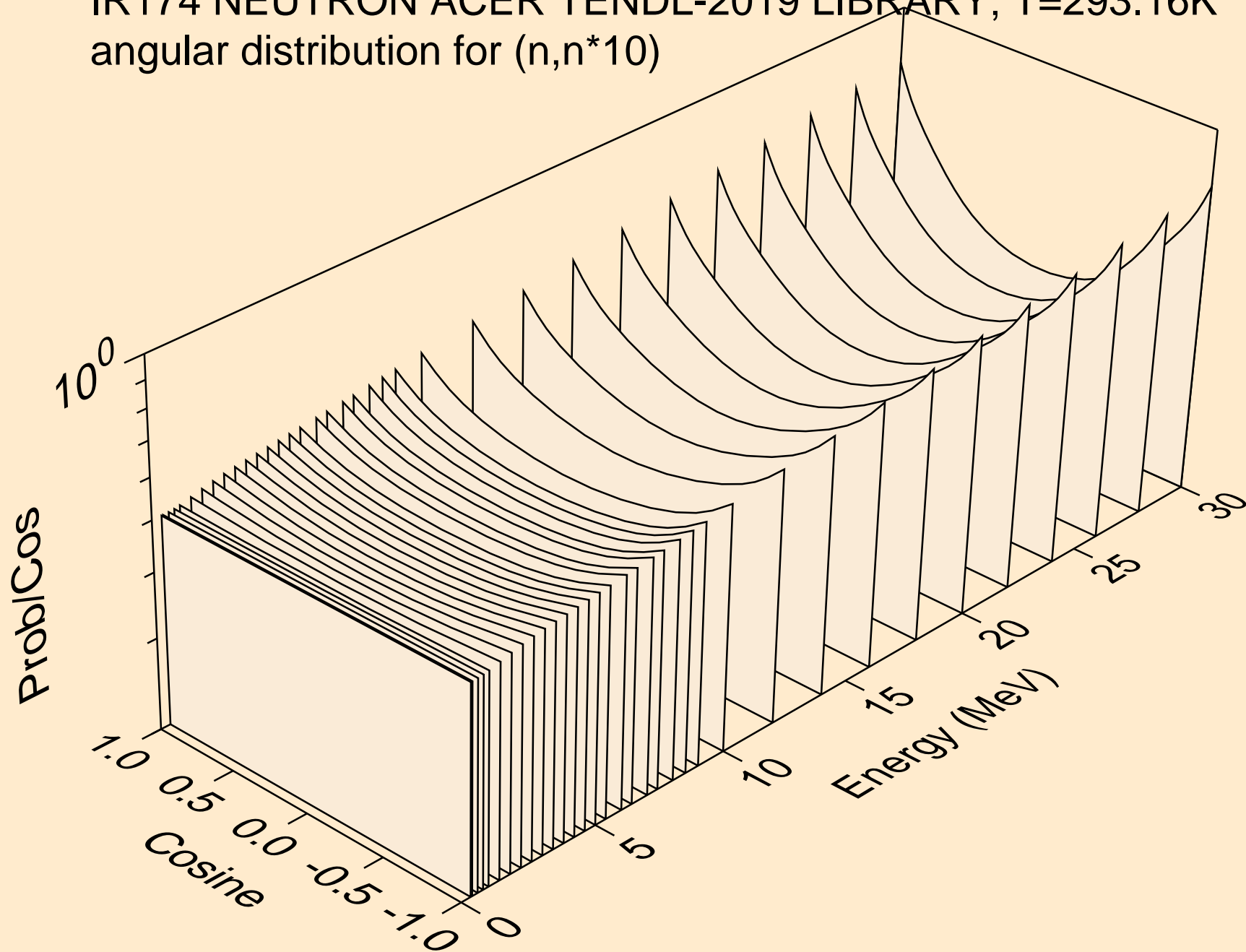
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angular distribution for (n,n*8)



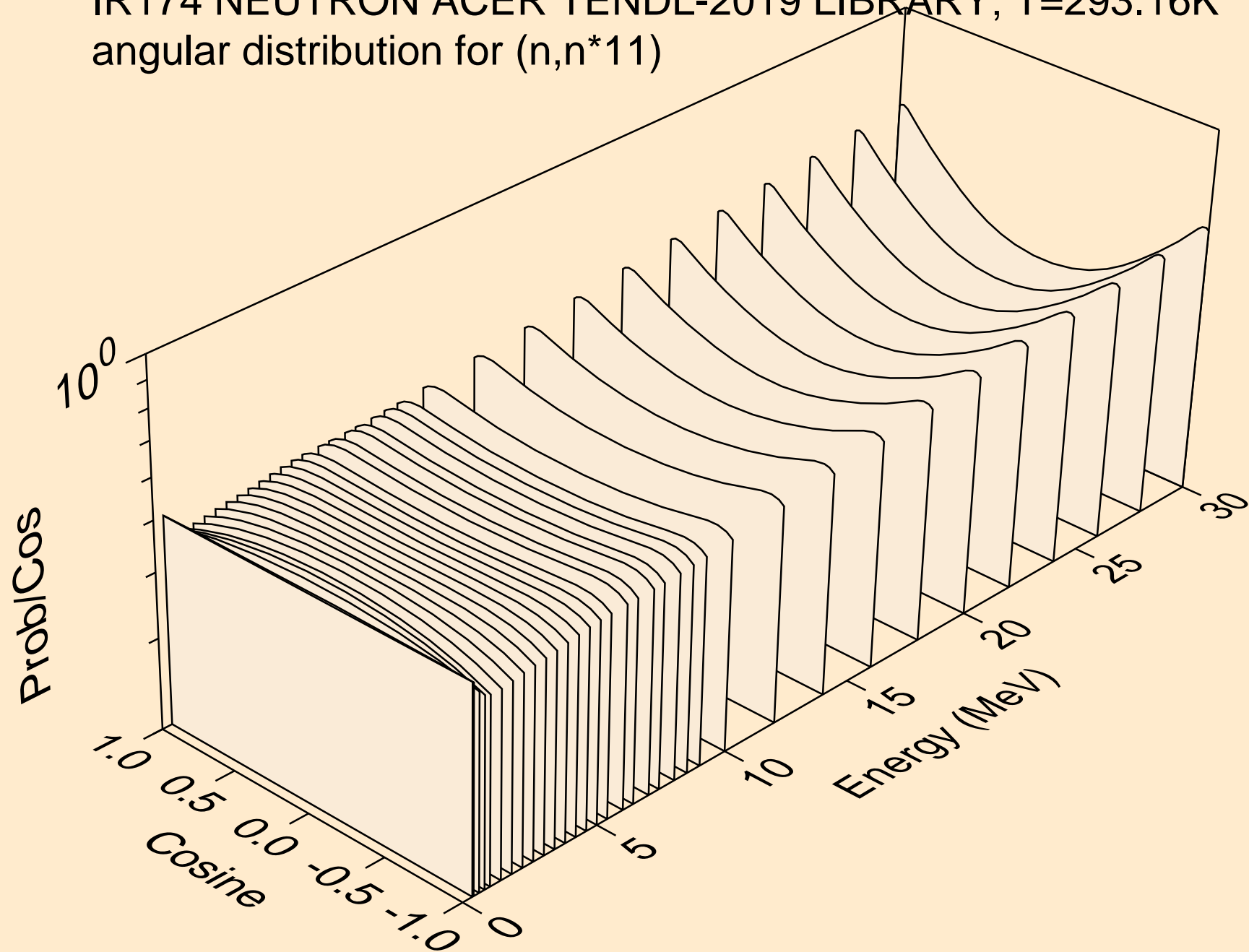
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angular distribution for (n,n*9)



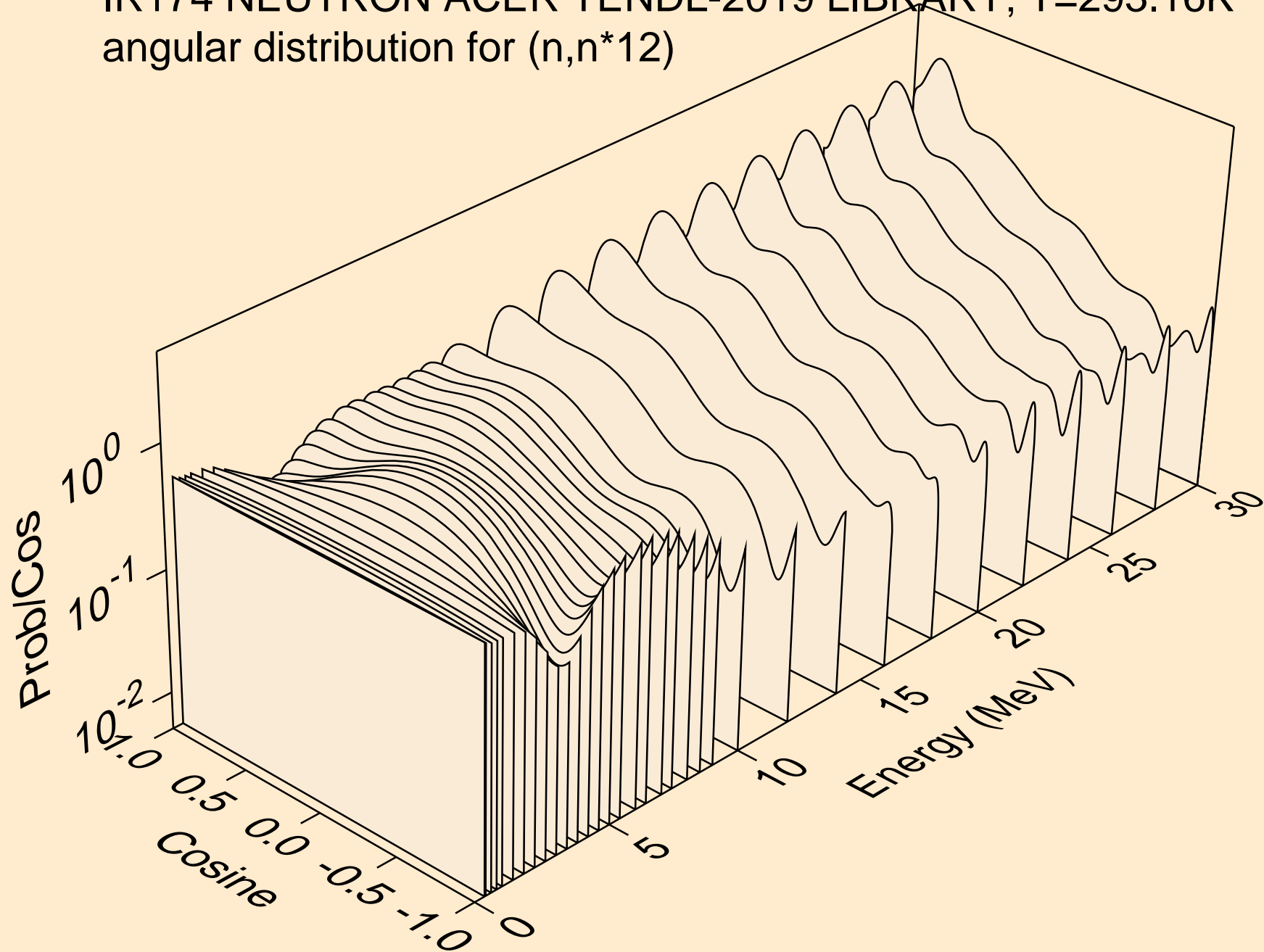
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angular distribution for (n,n*10)



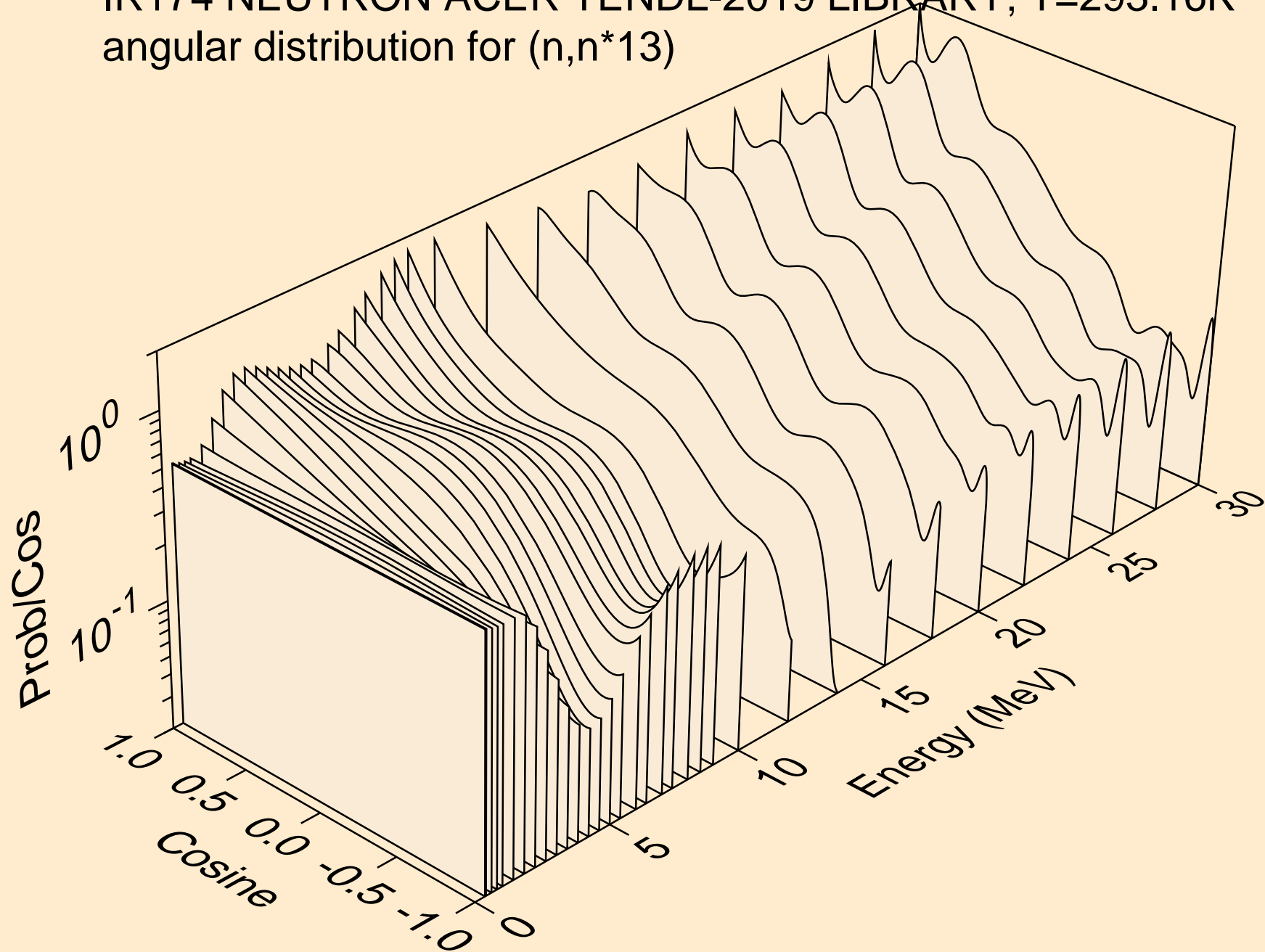
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



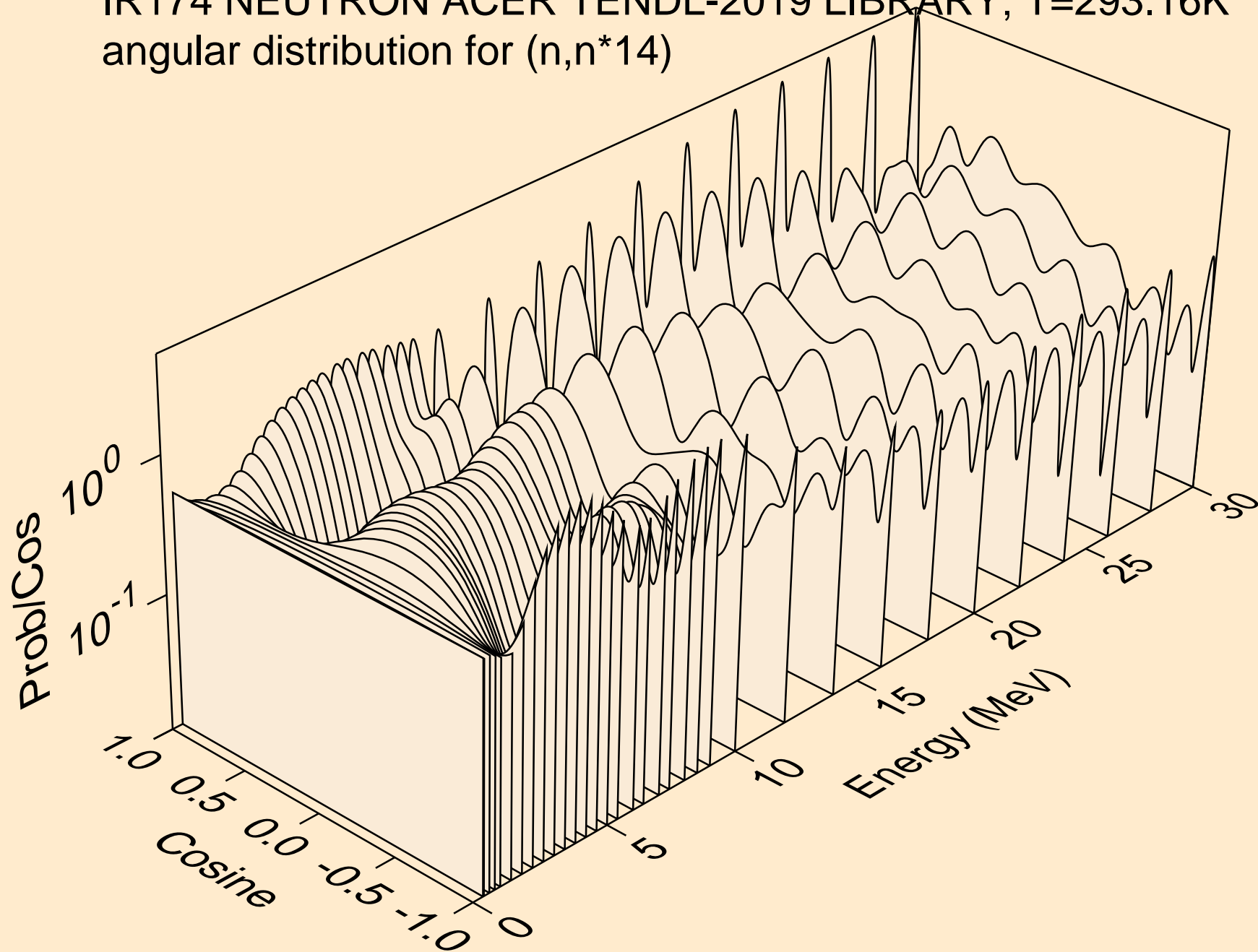
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angular distribution for (n,n*12)



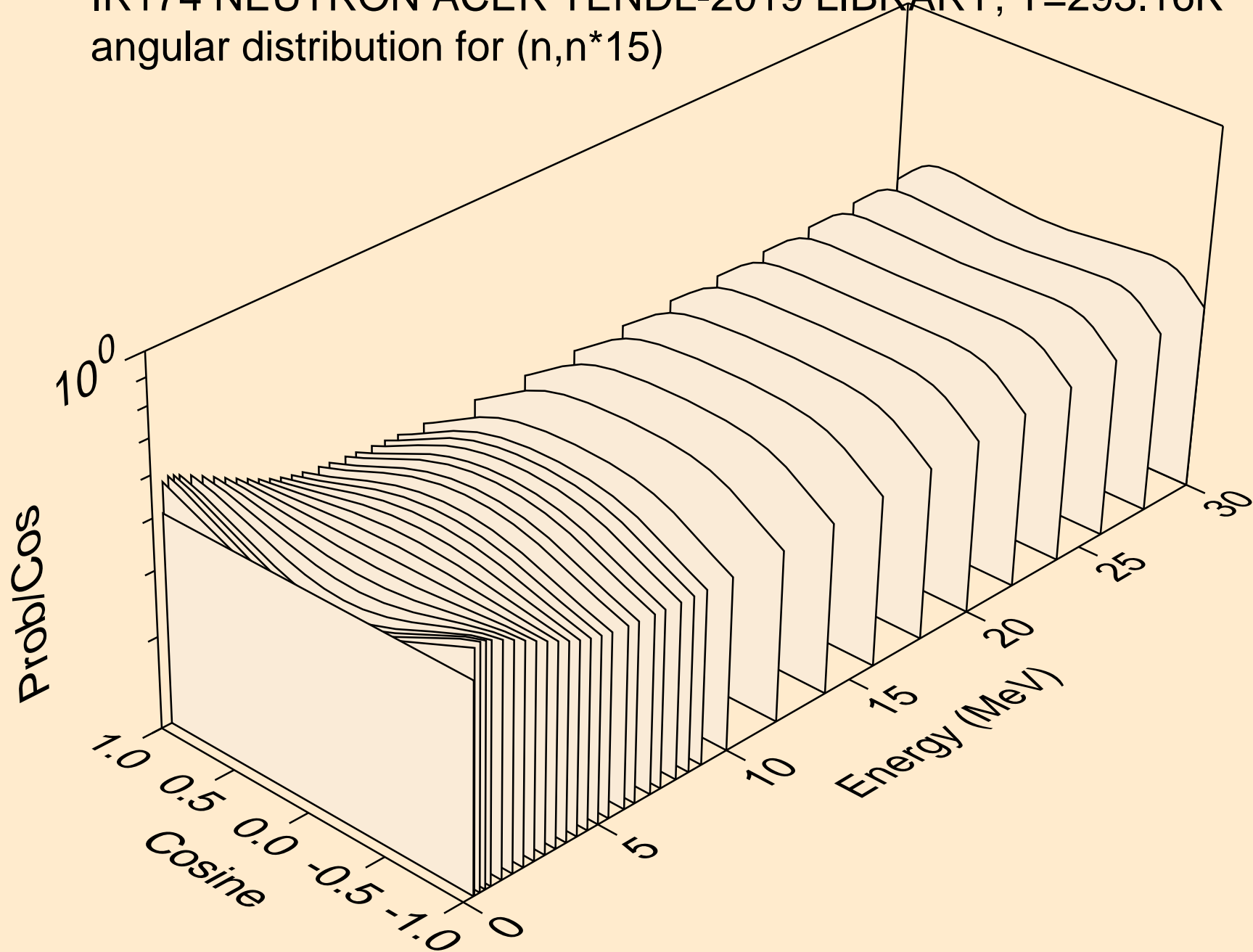
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angular distribution for (n,n*13)



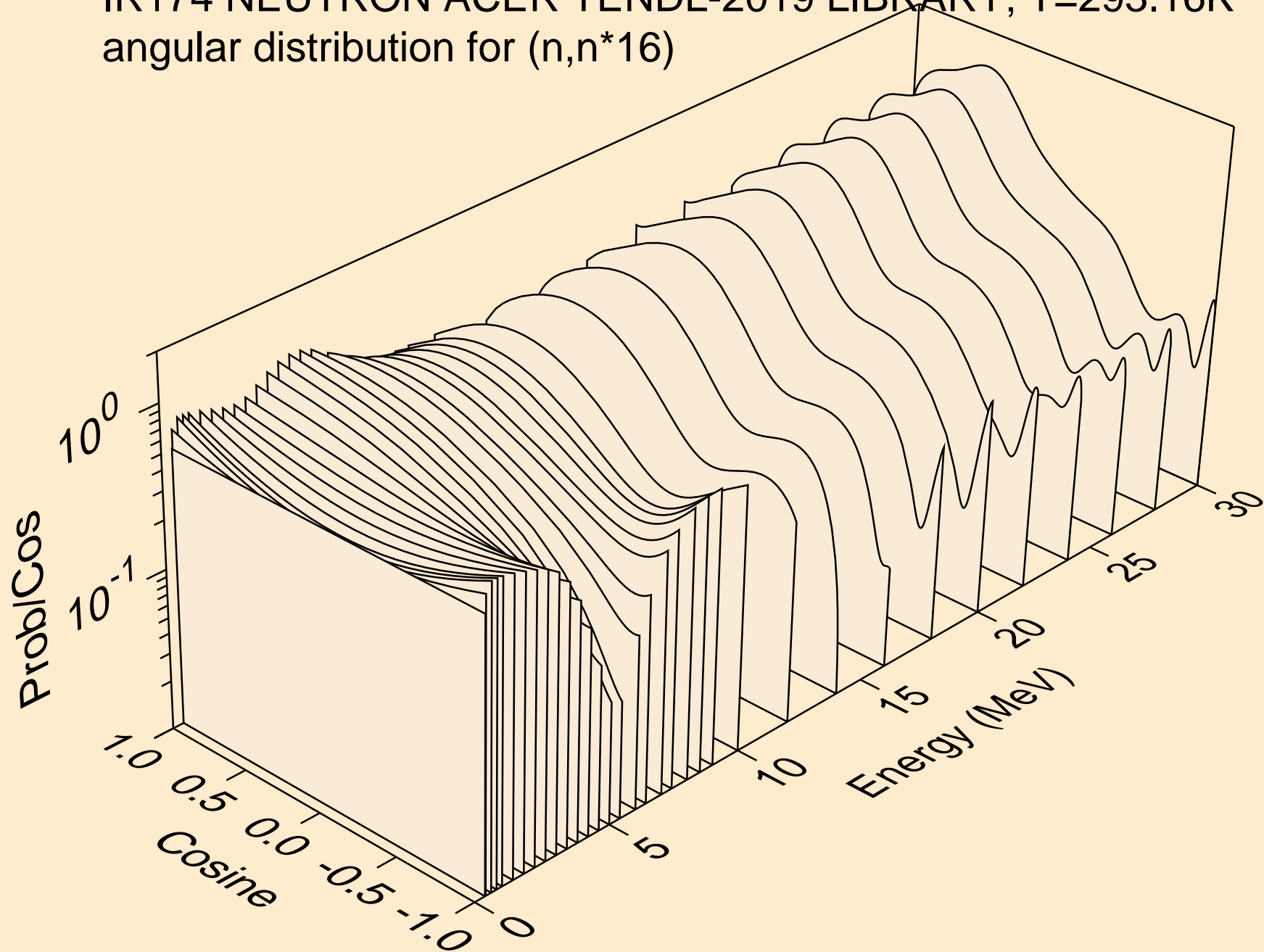
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angular distribution for (n,n*14)



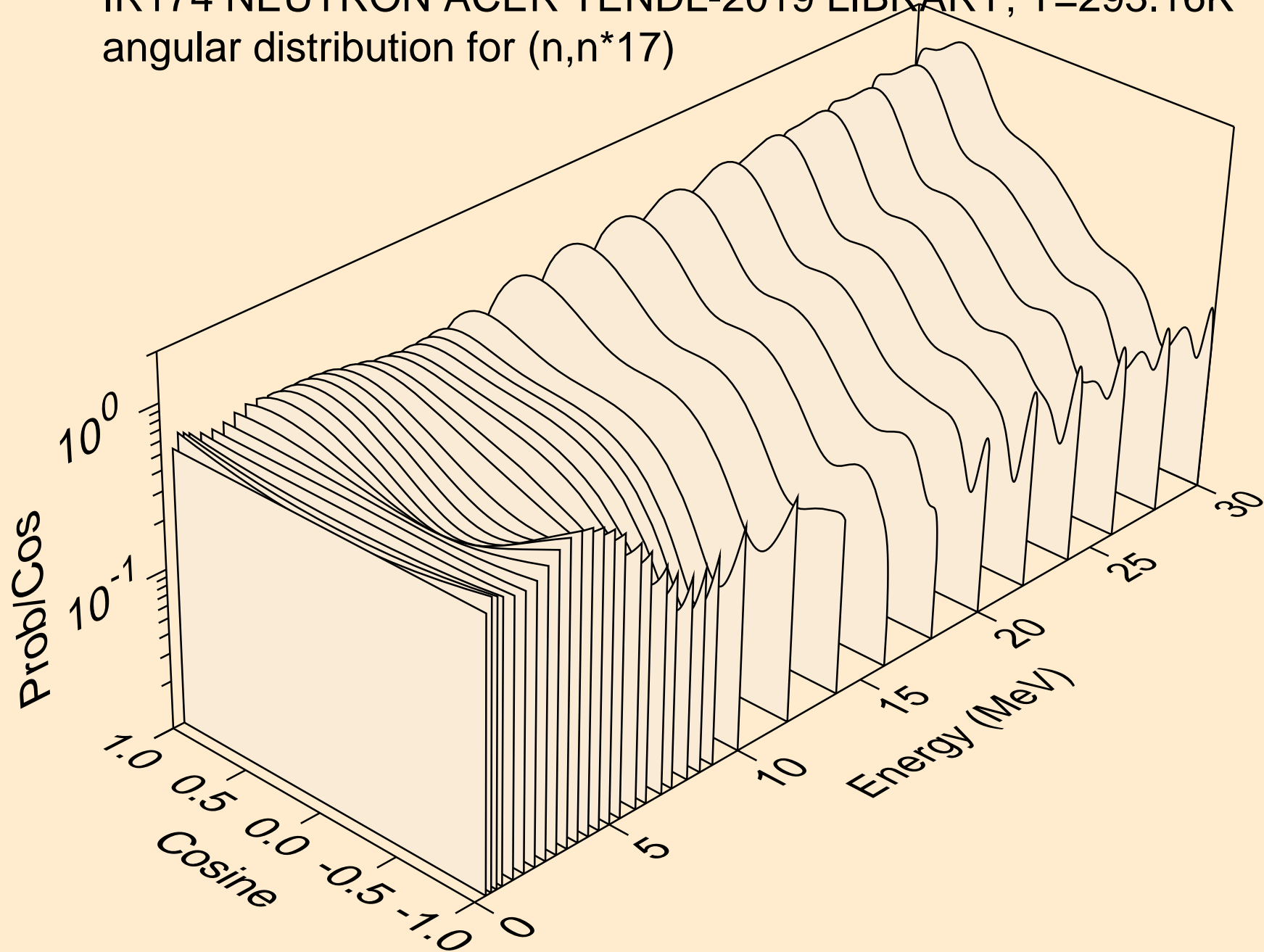
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angular distribution for (n,n*15)



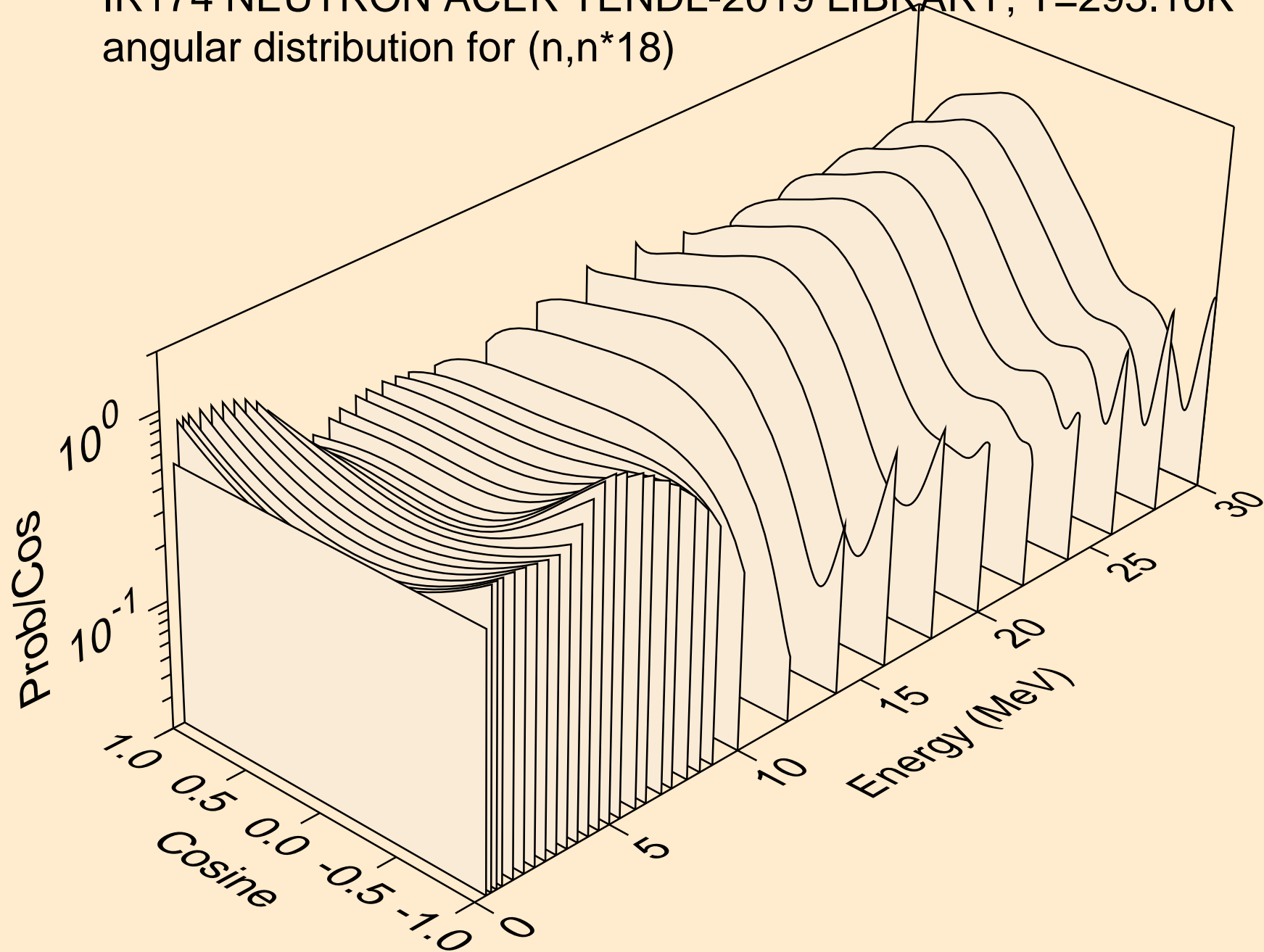
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



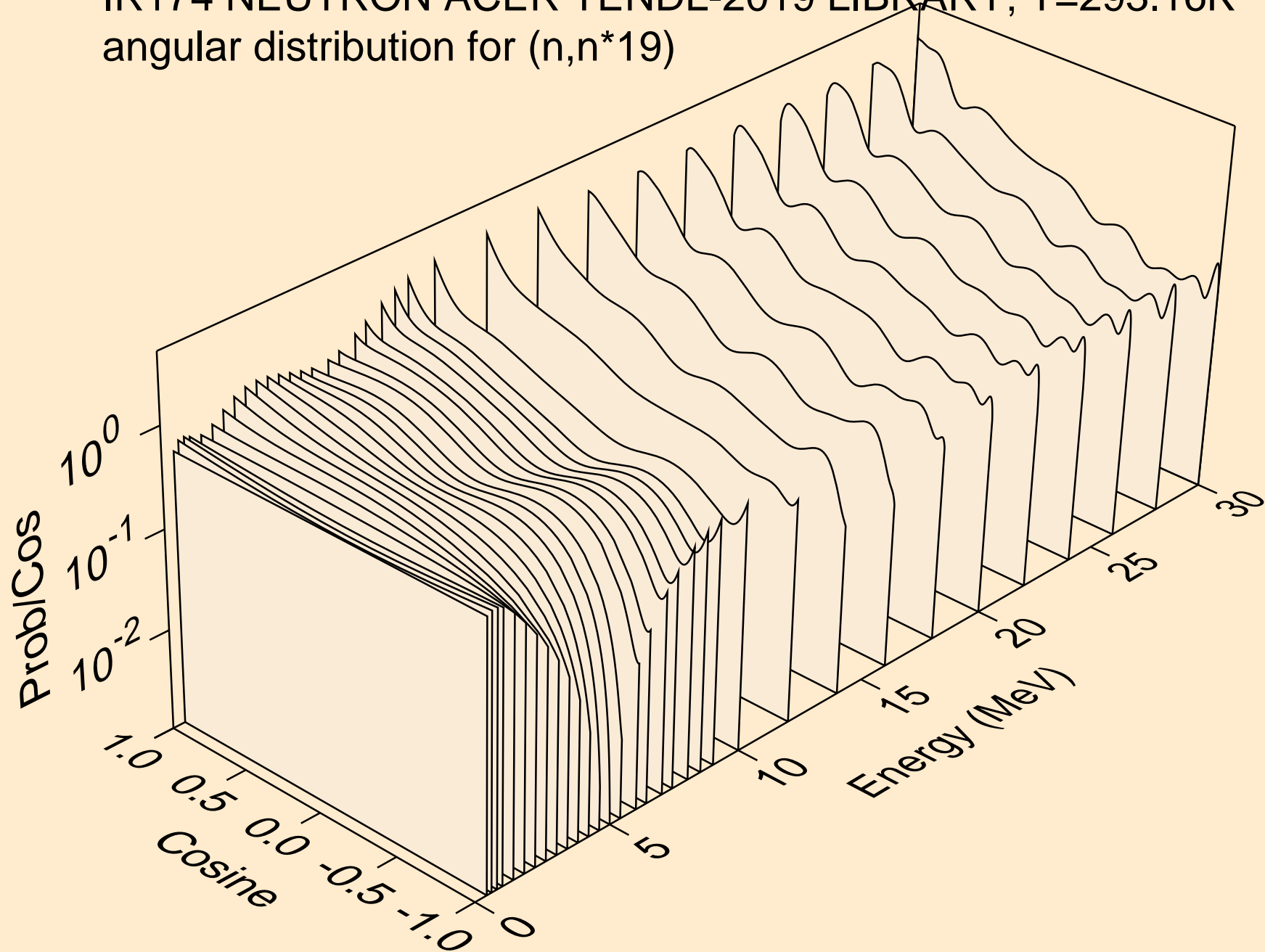
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angular distribution for (n,n*17)



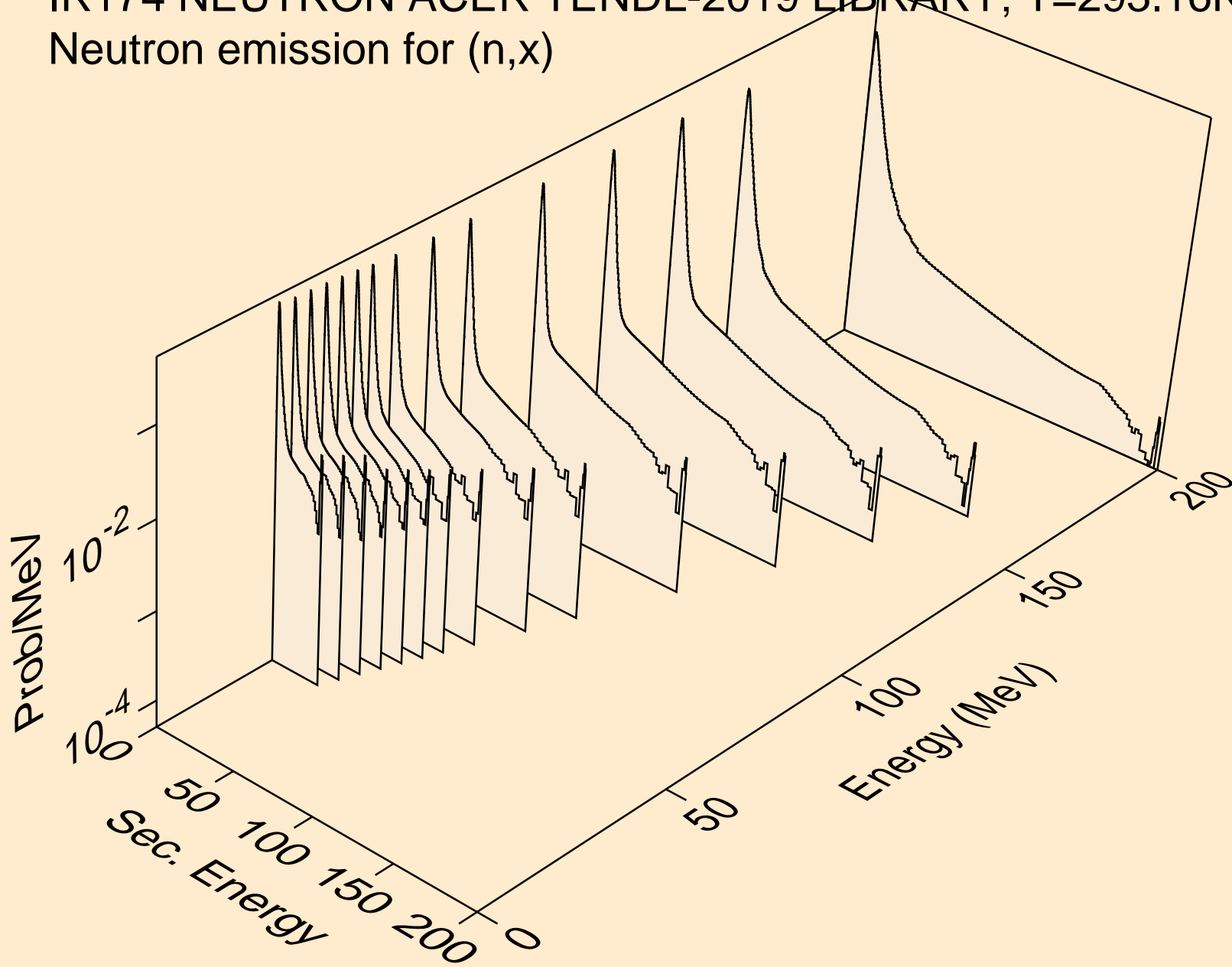
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angular distribution for (n,n*18)



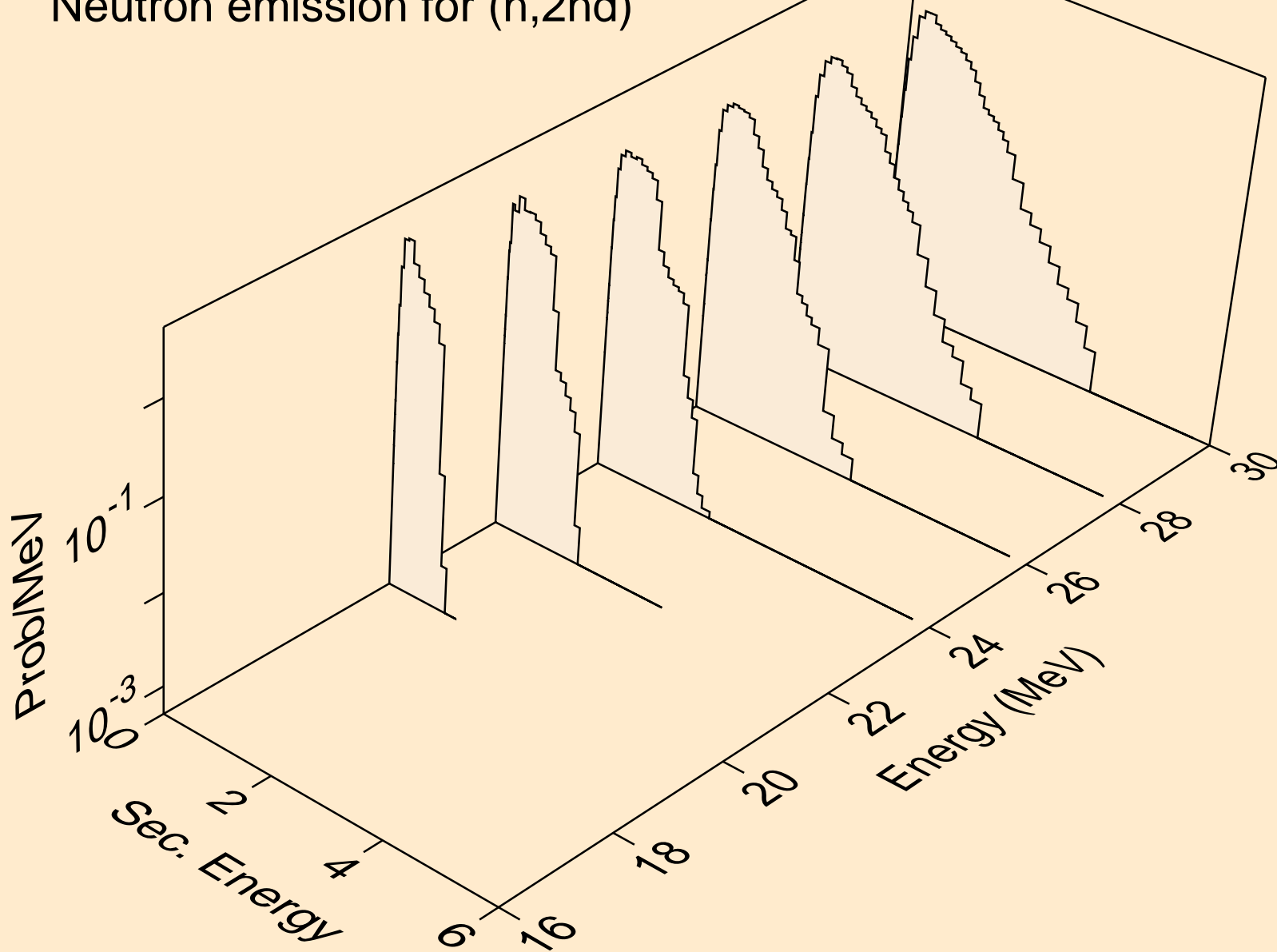
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



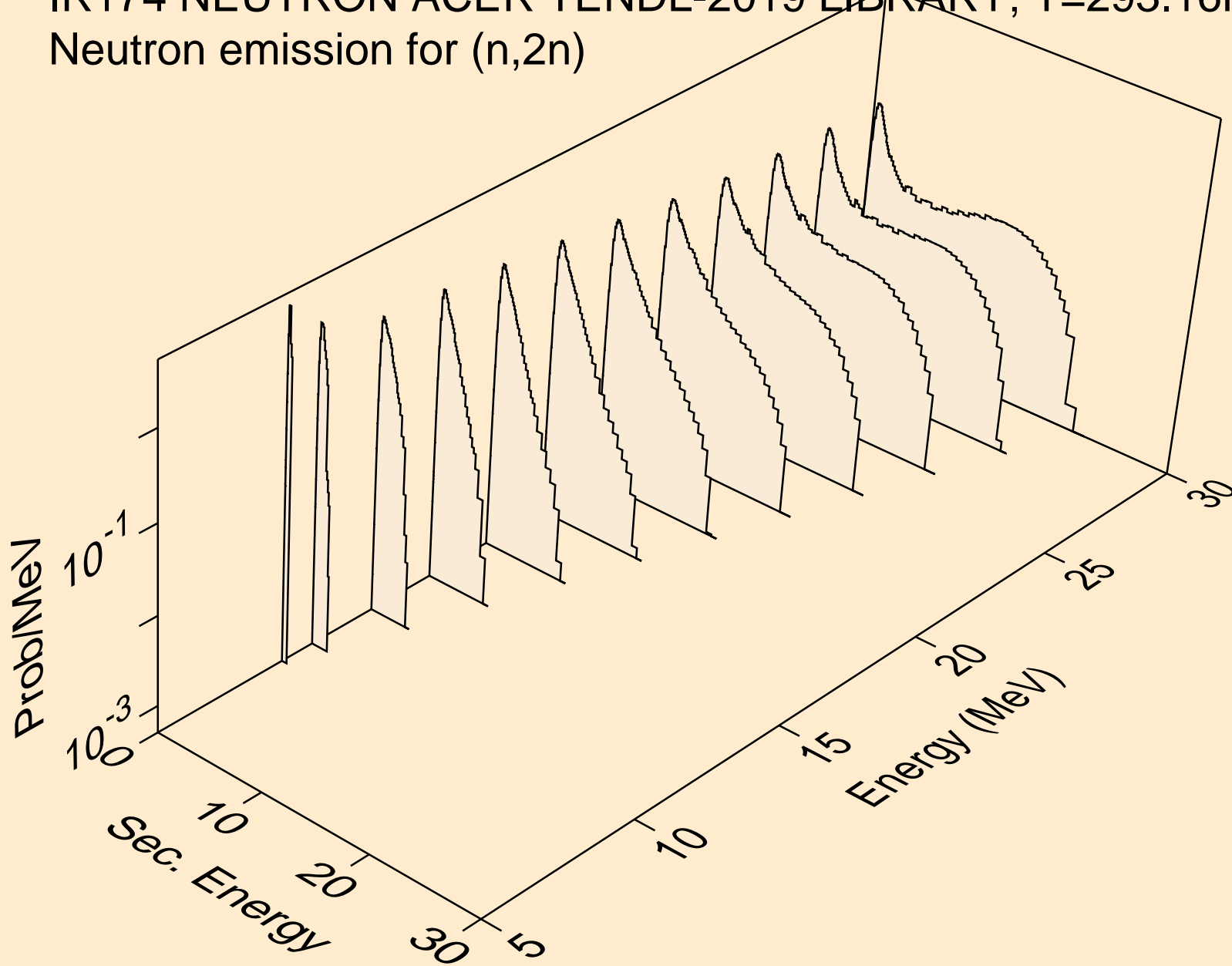
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



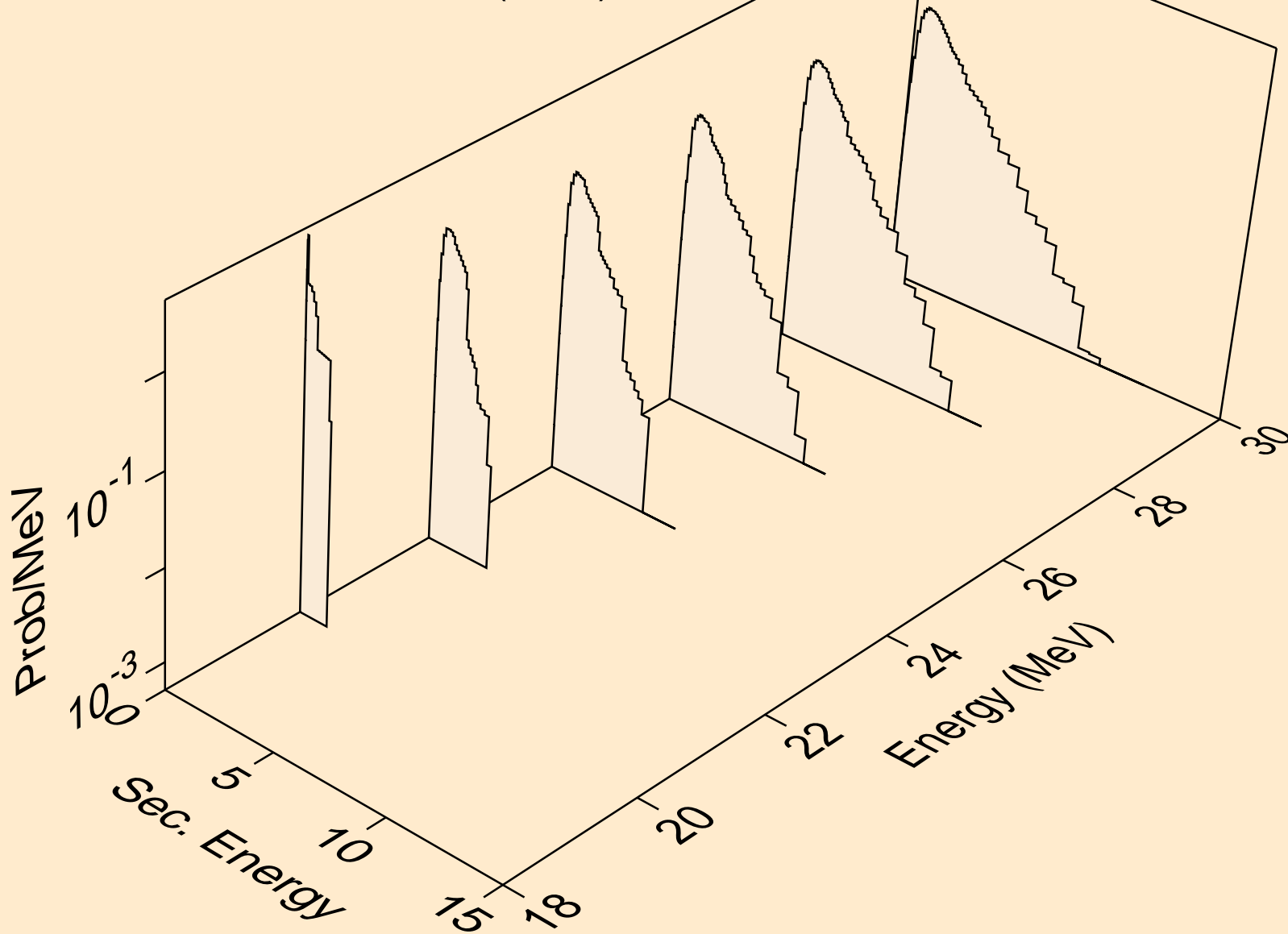
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



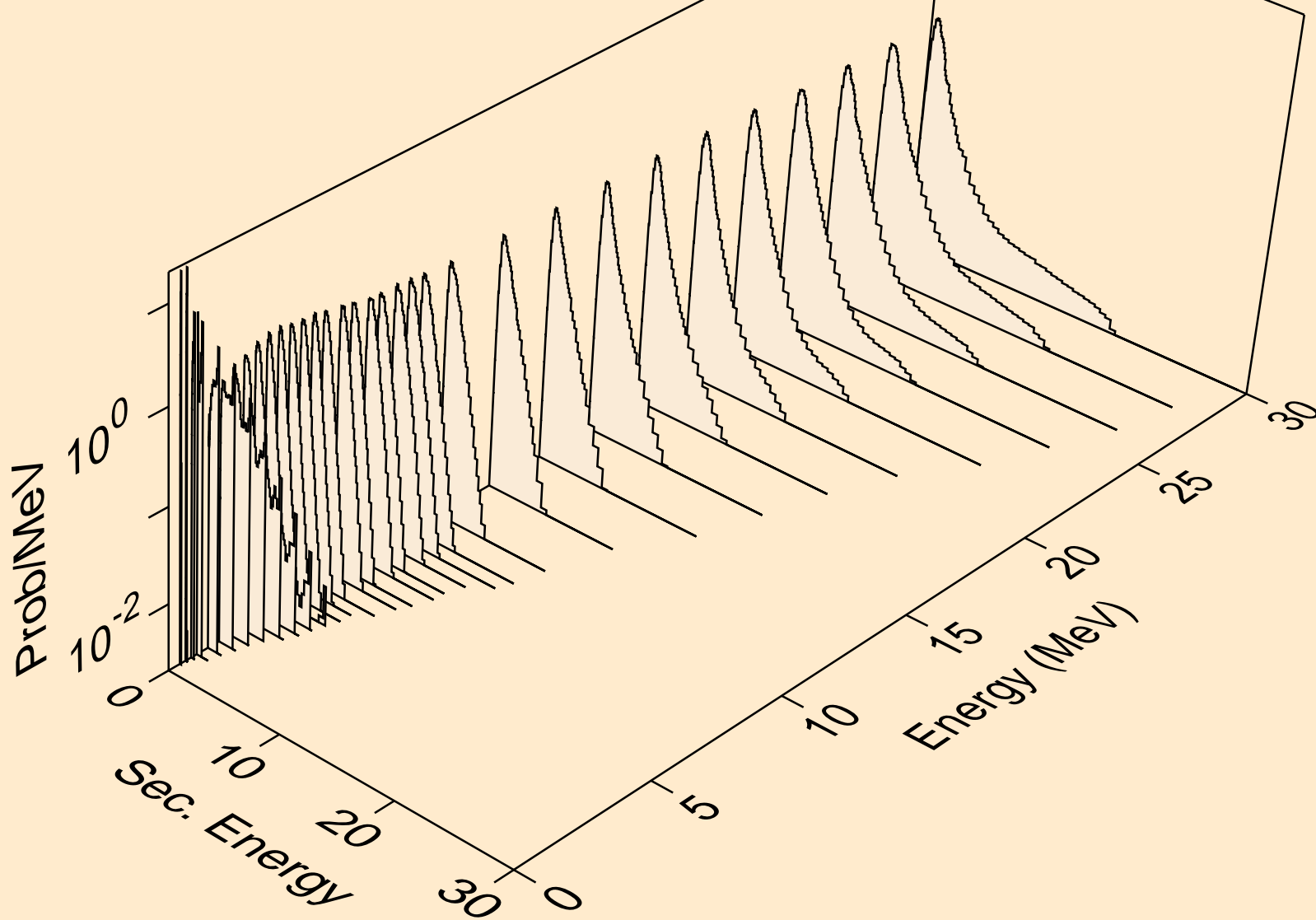
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



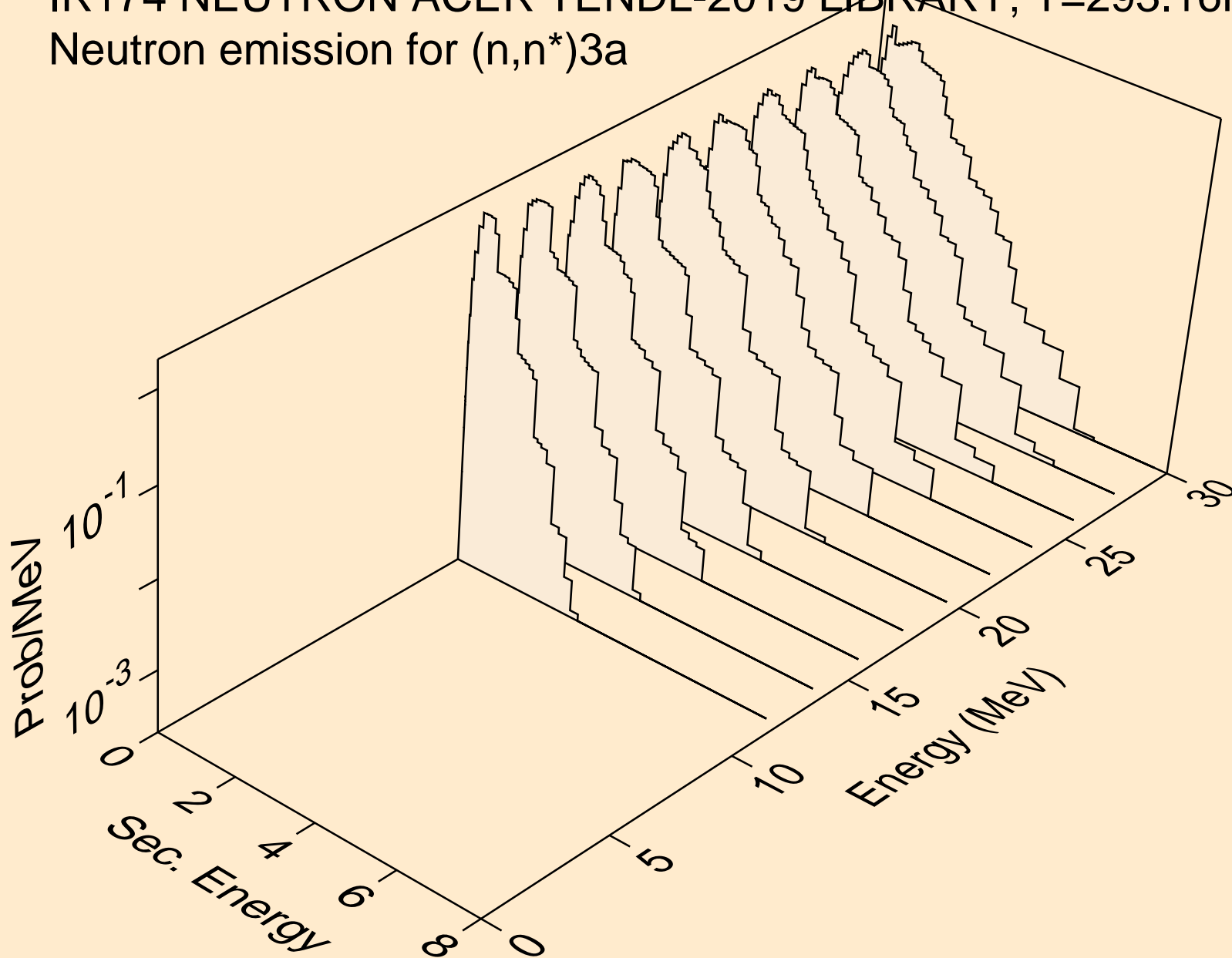
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



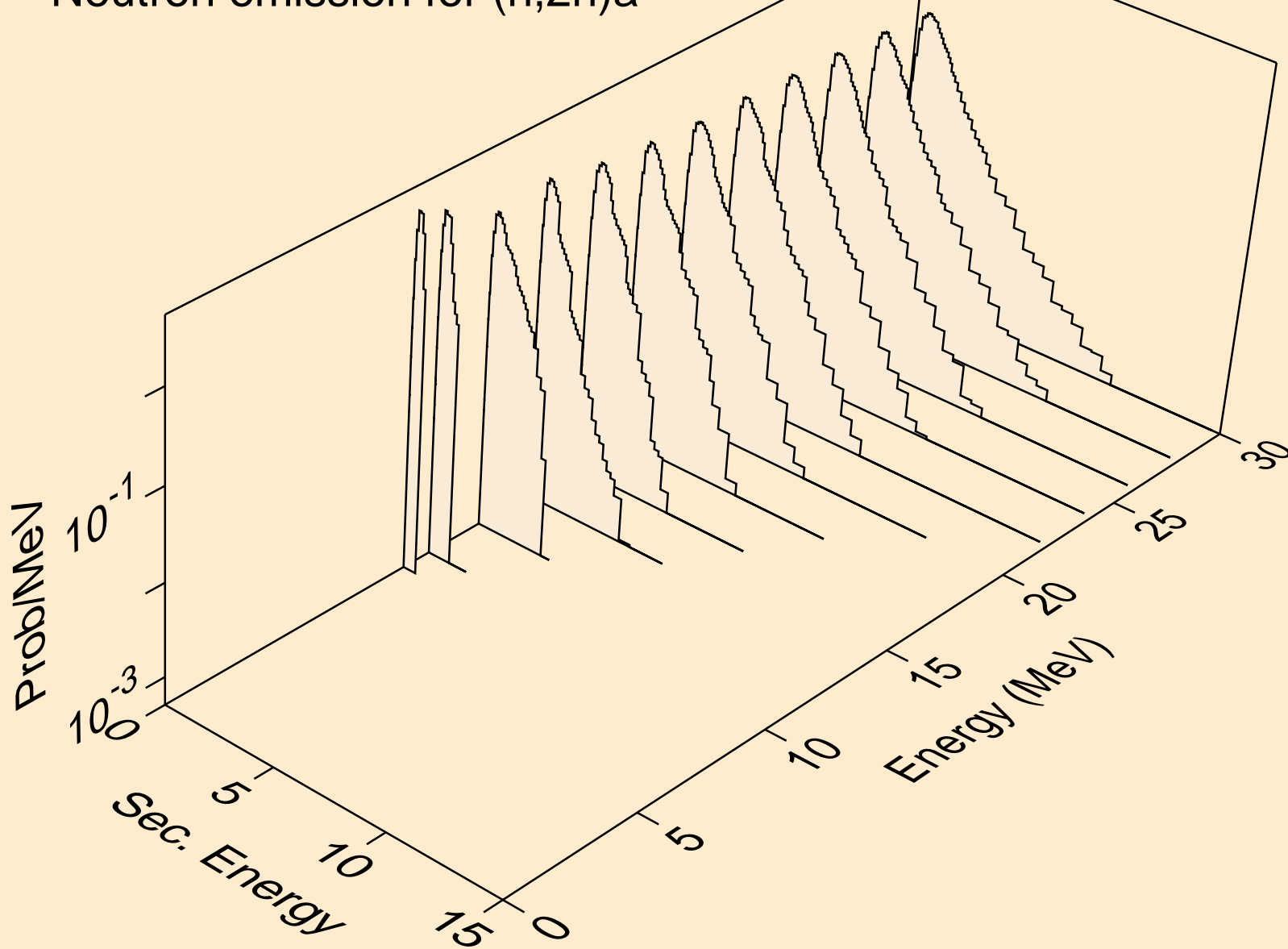
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



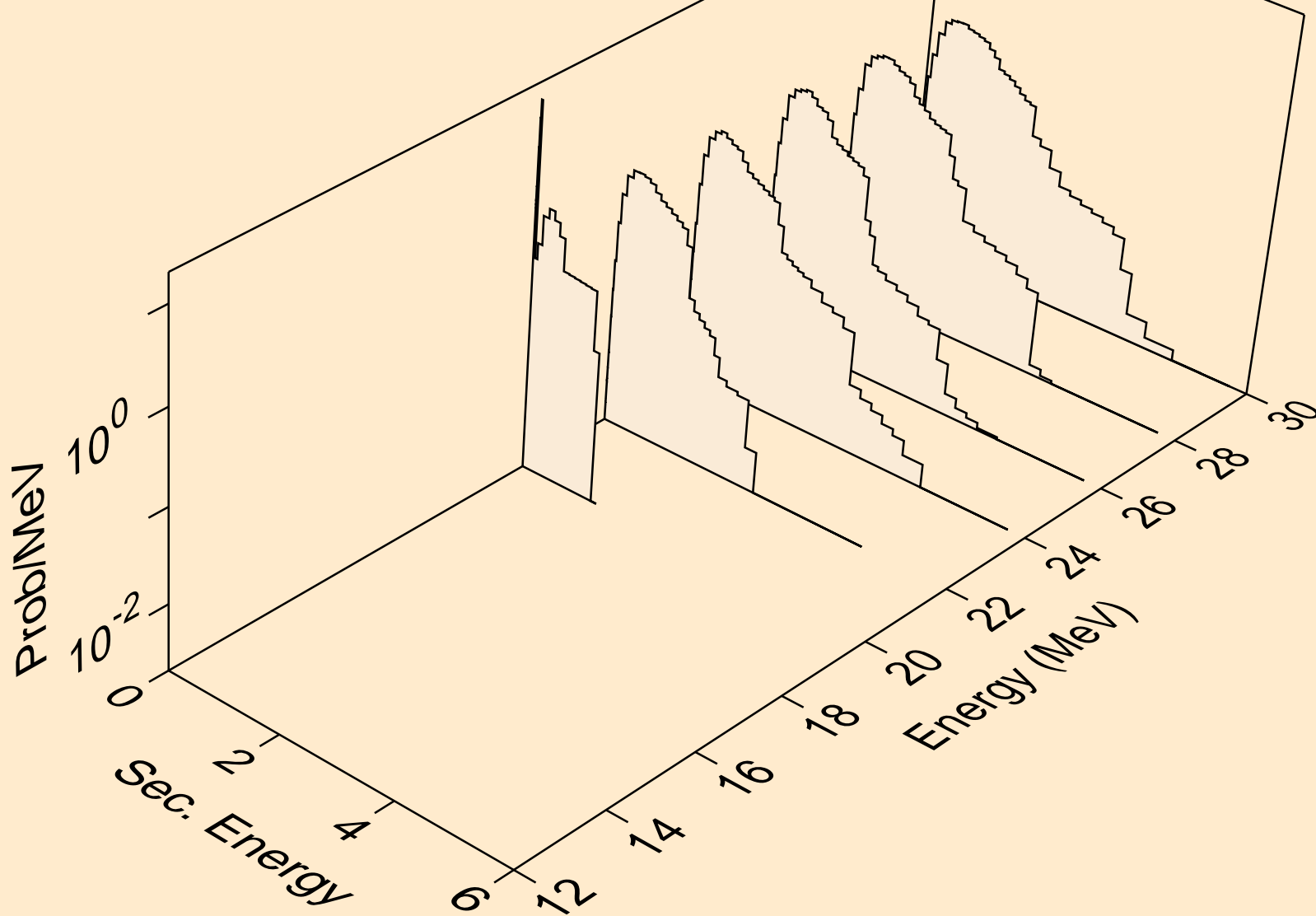
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)3a



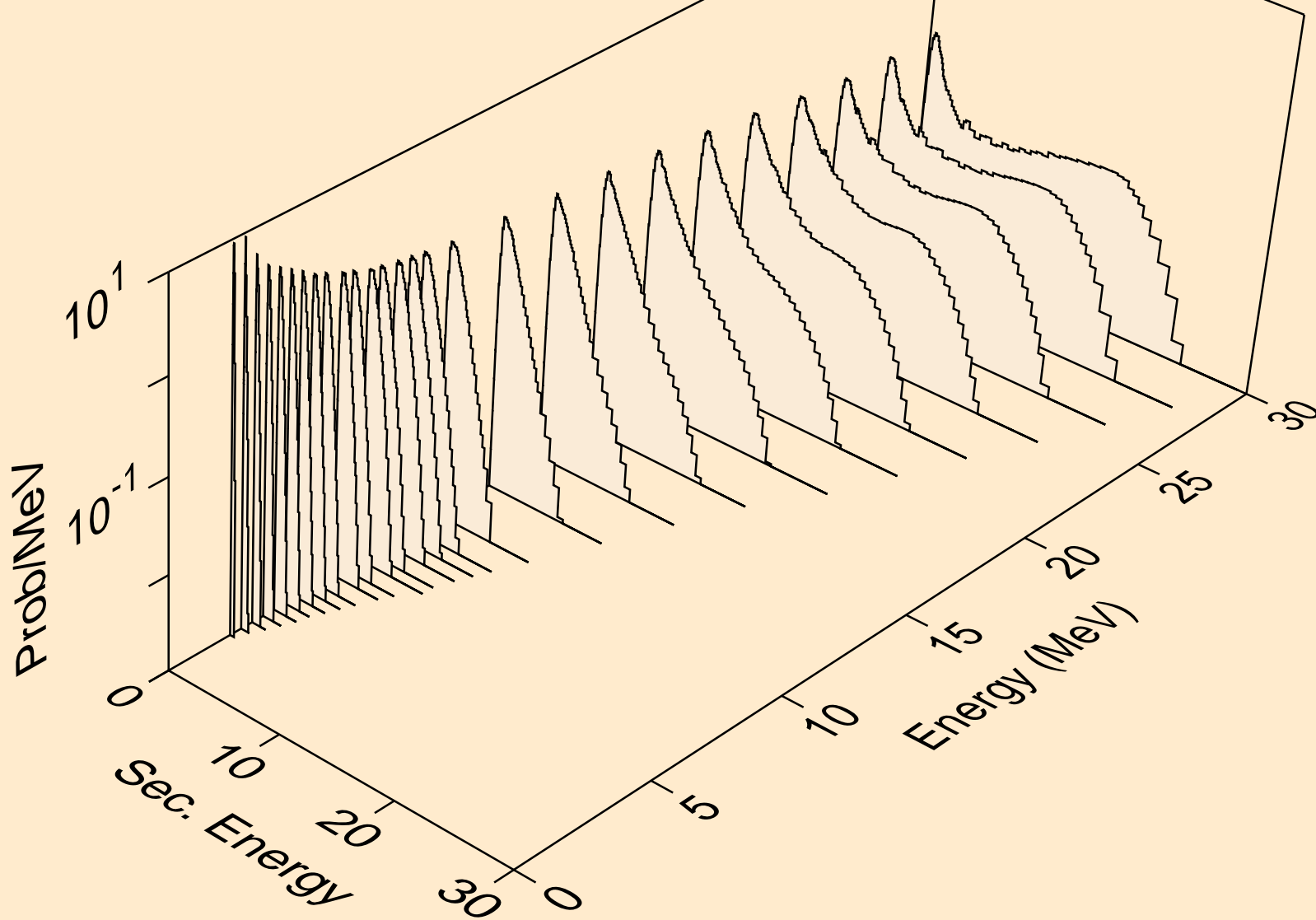
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



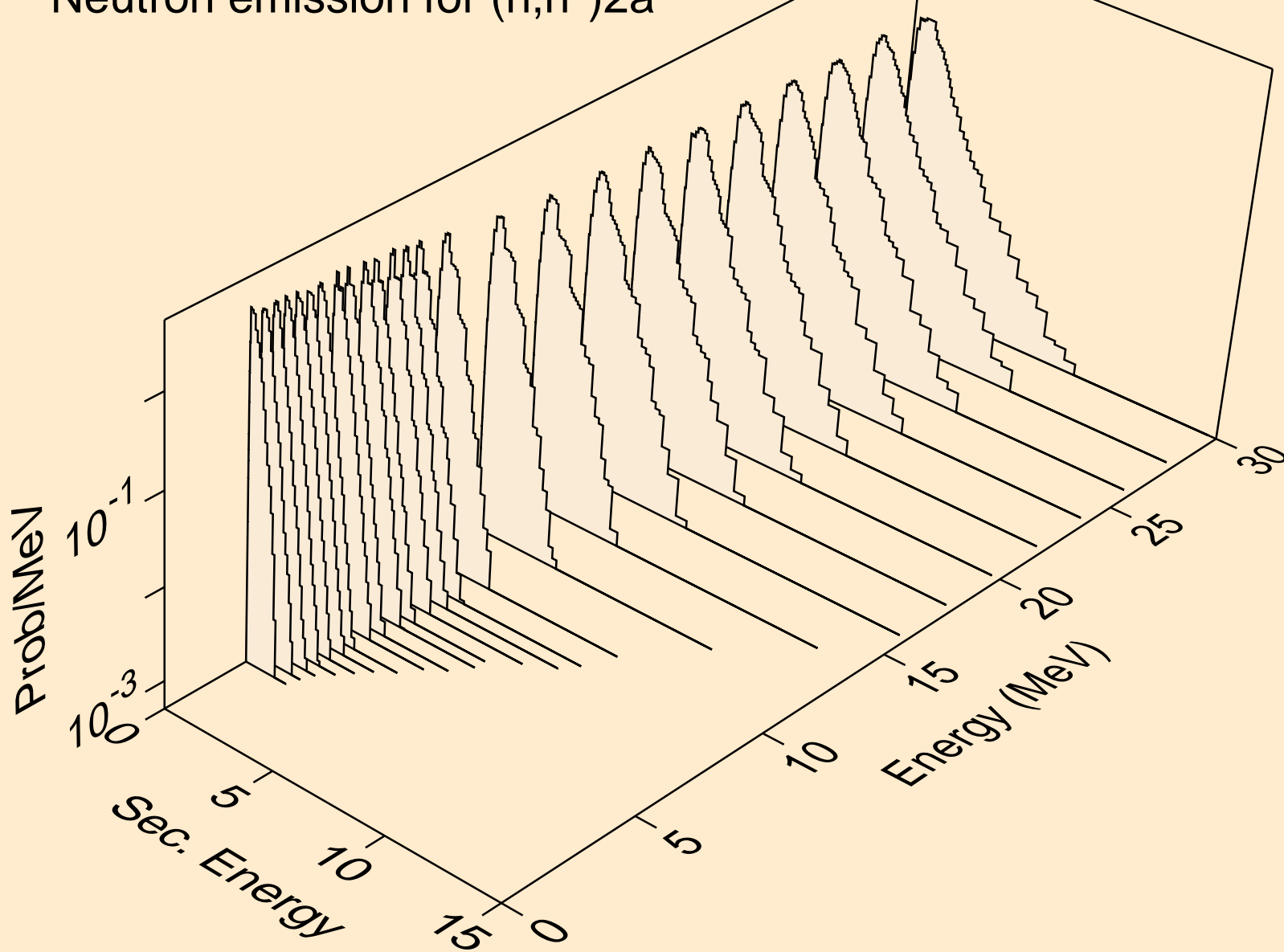
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



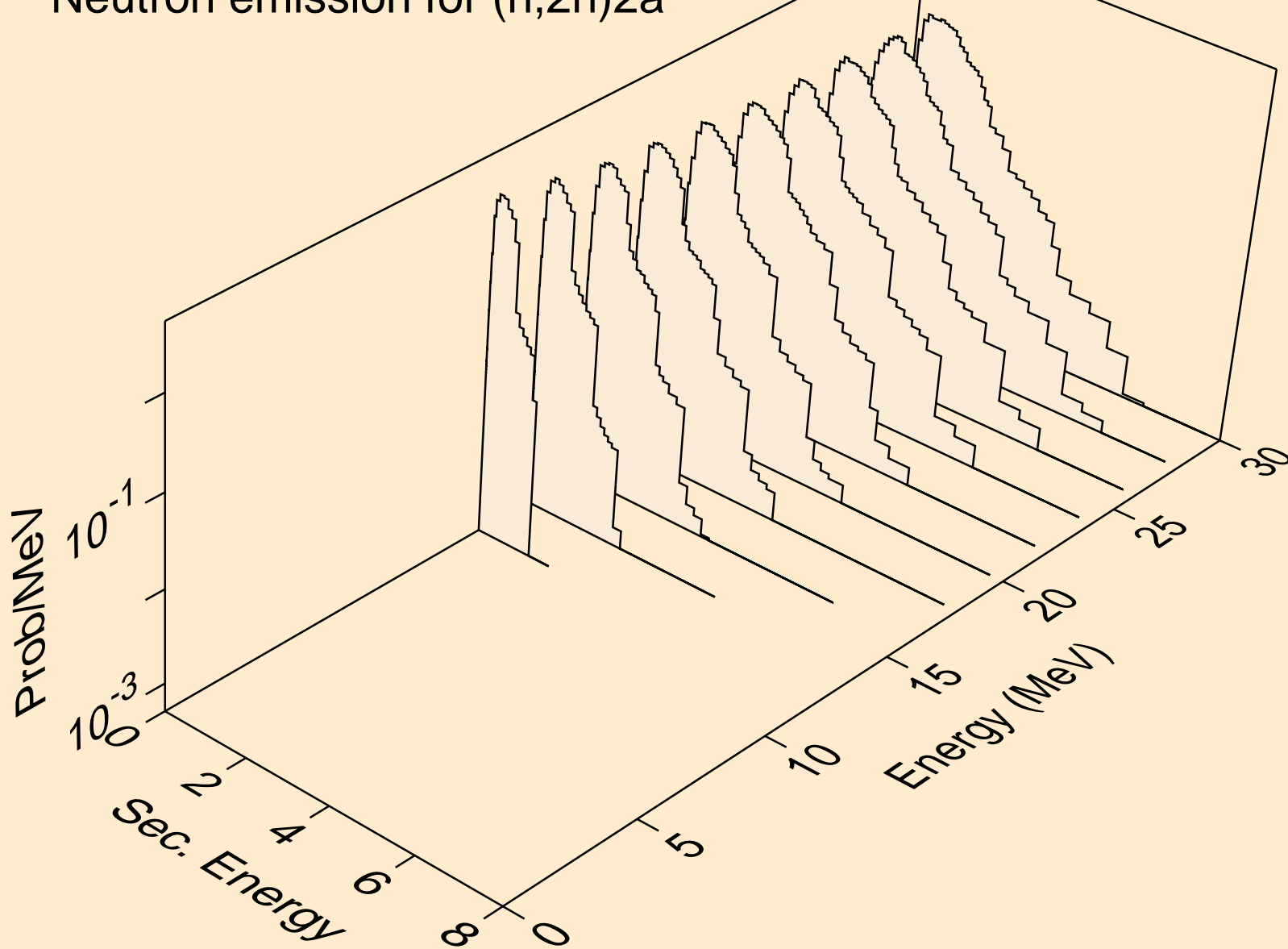
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



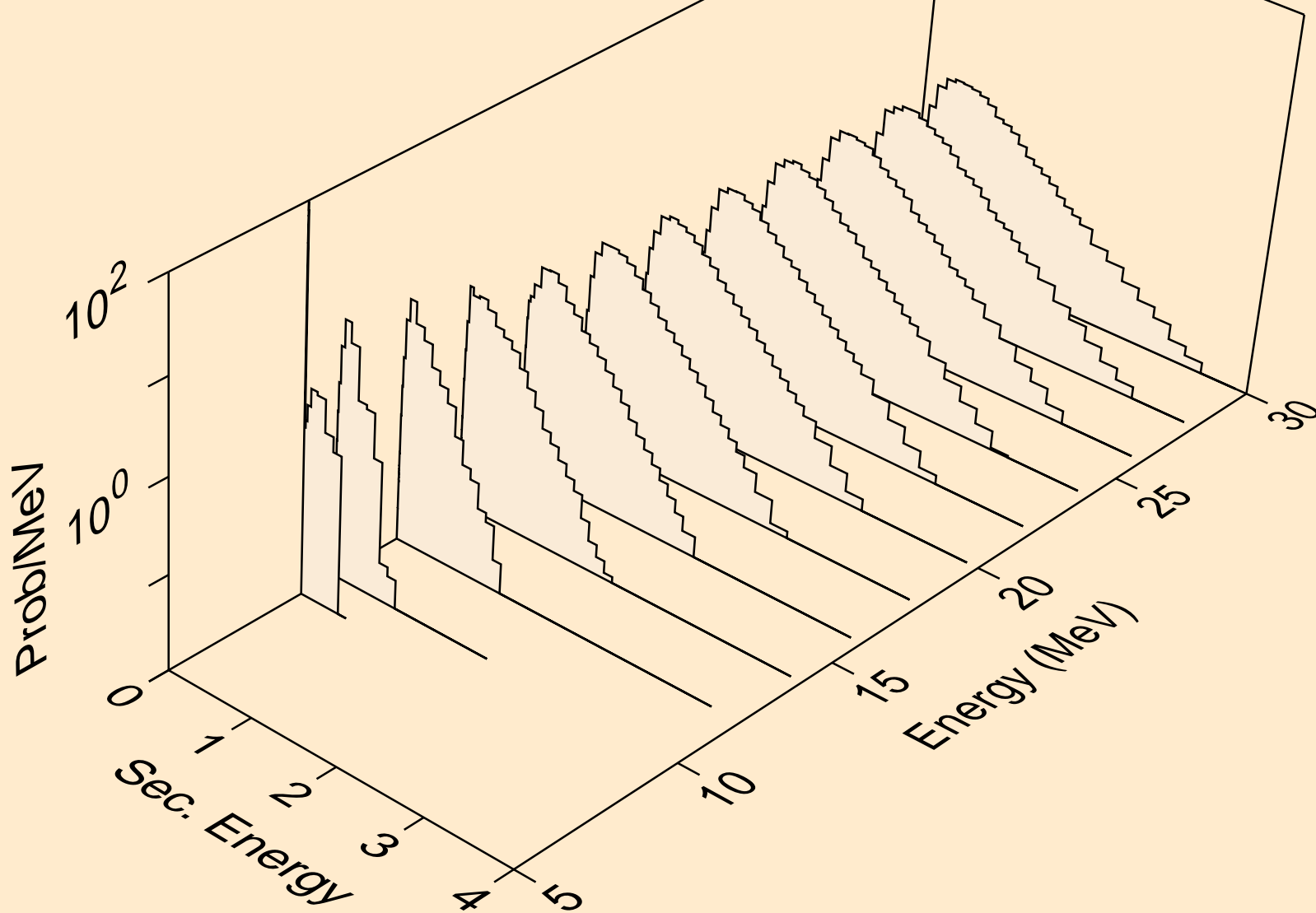
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



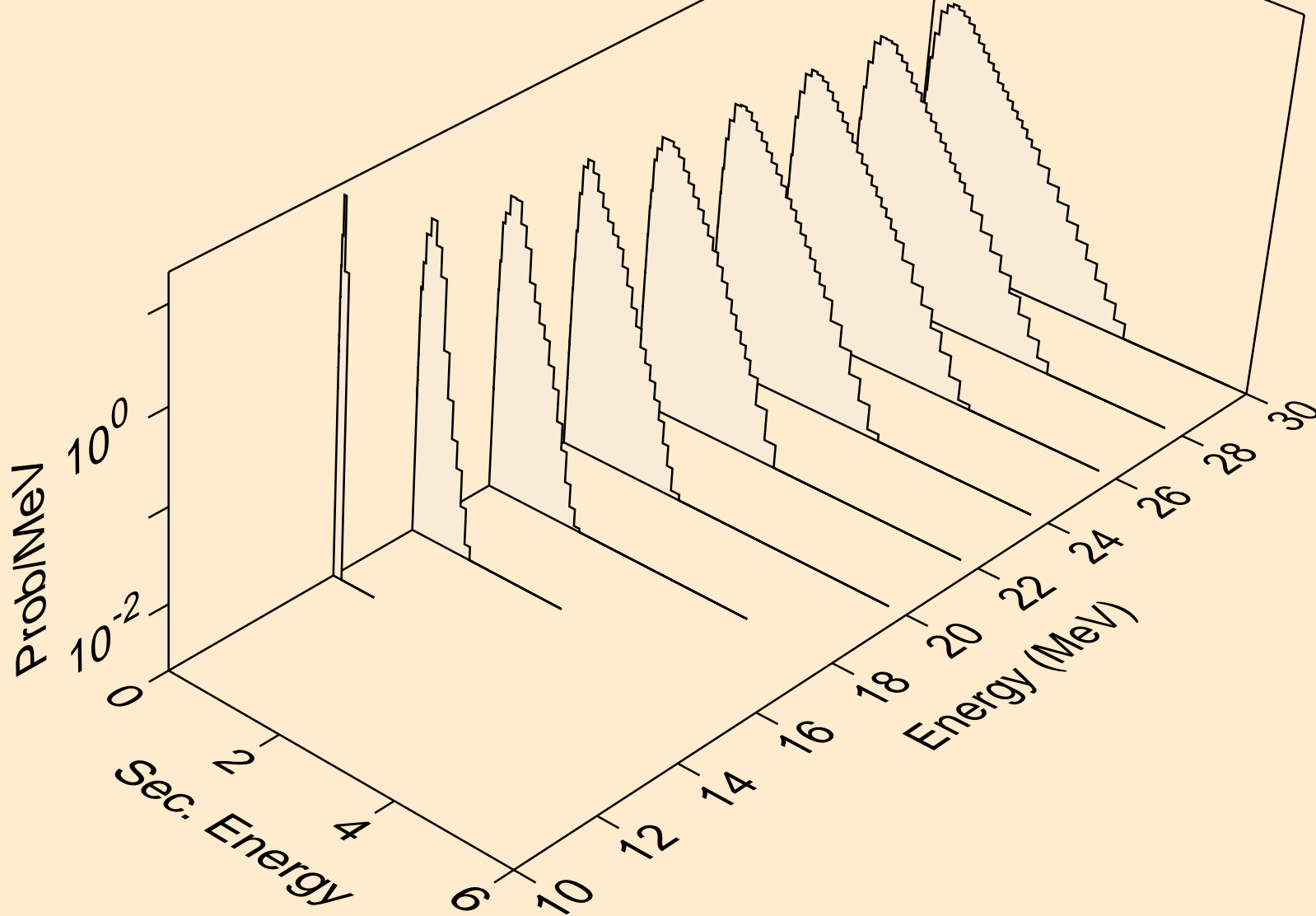
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



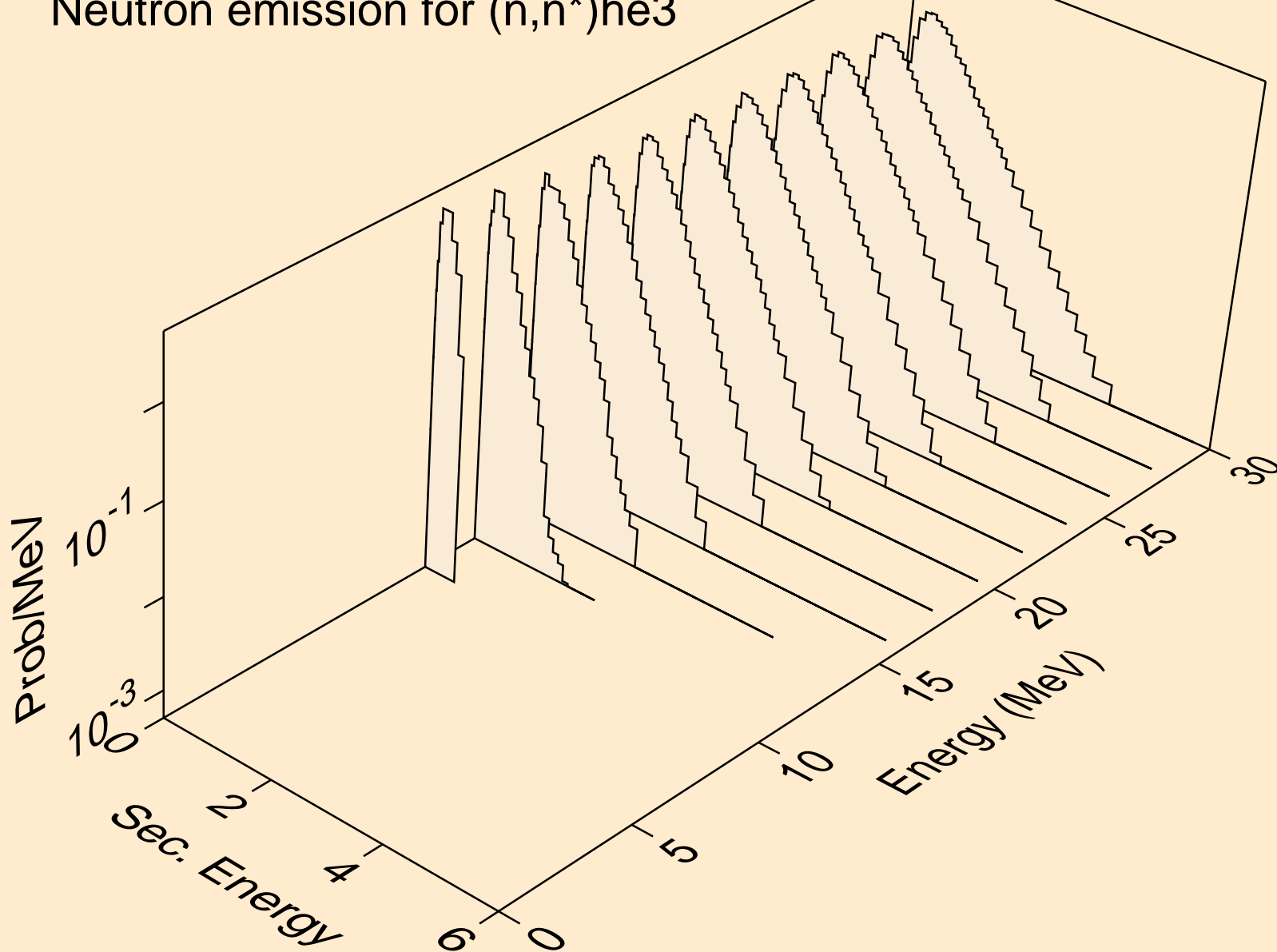
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



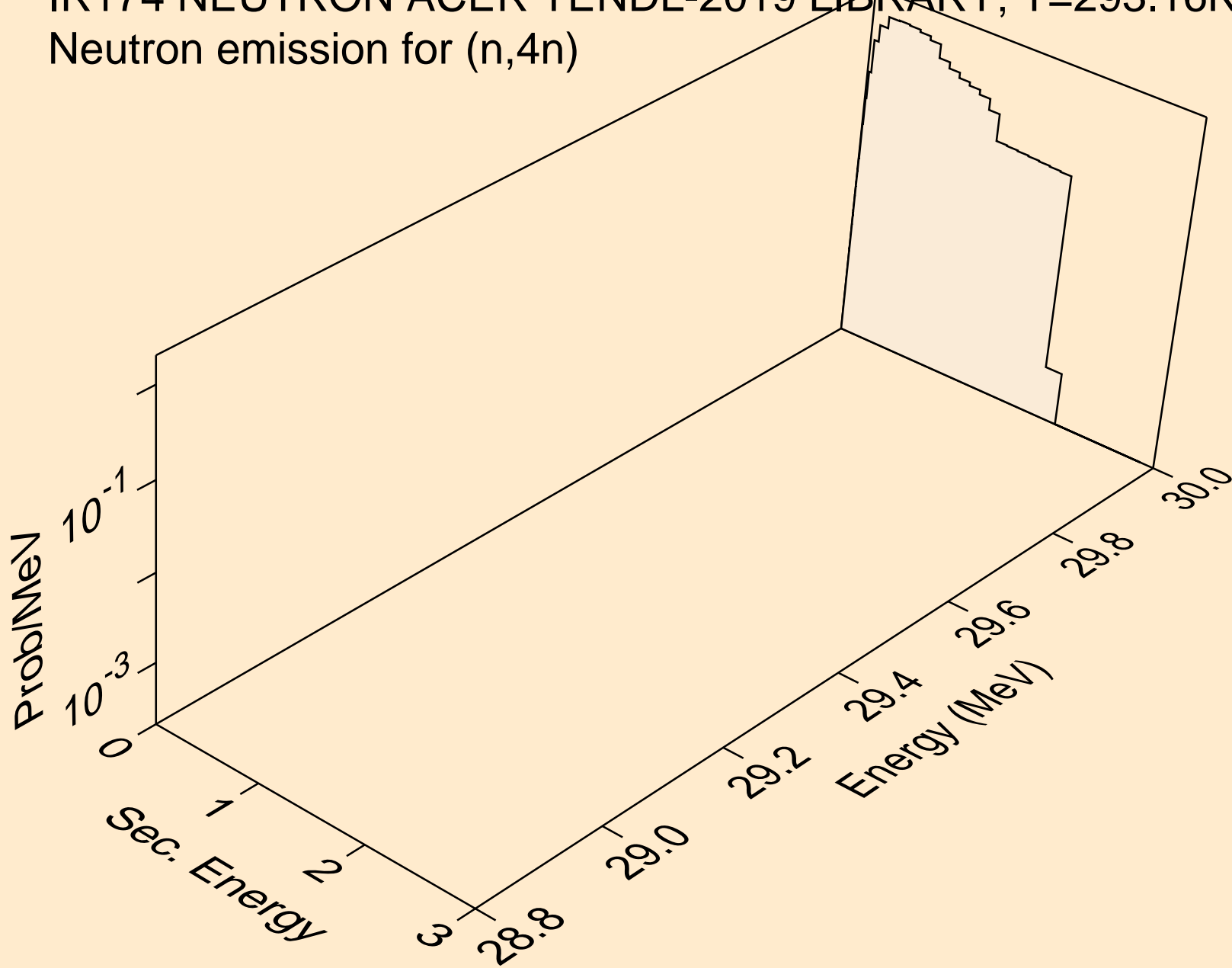
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



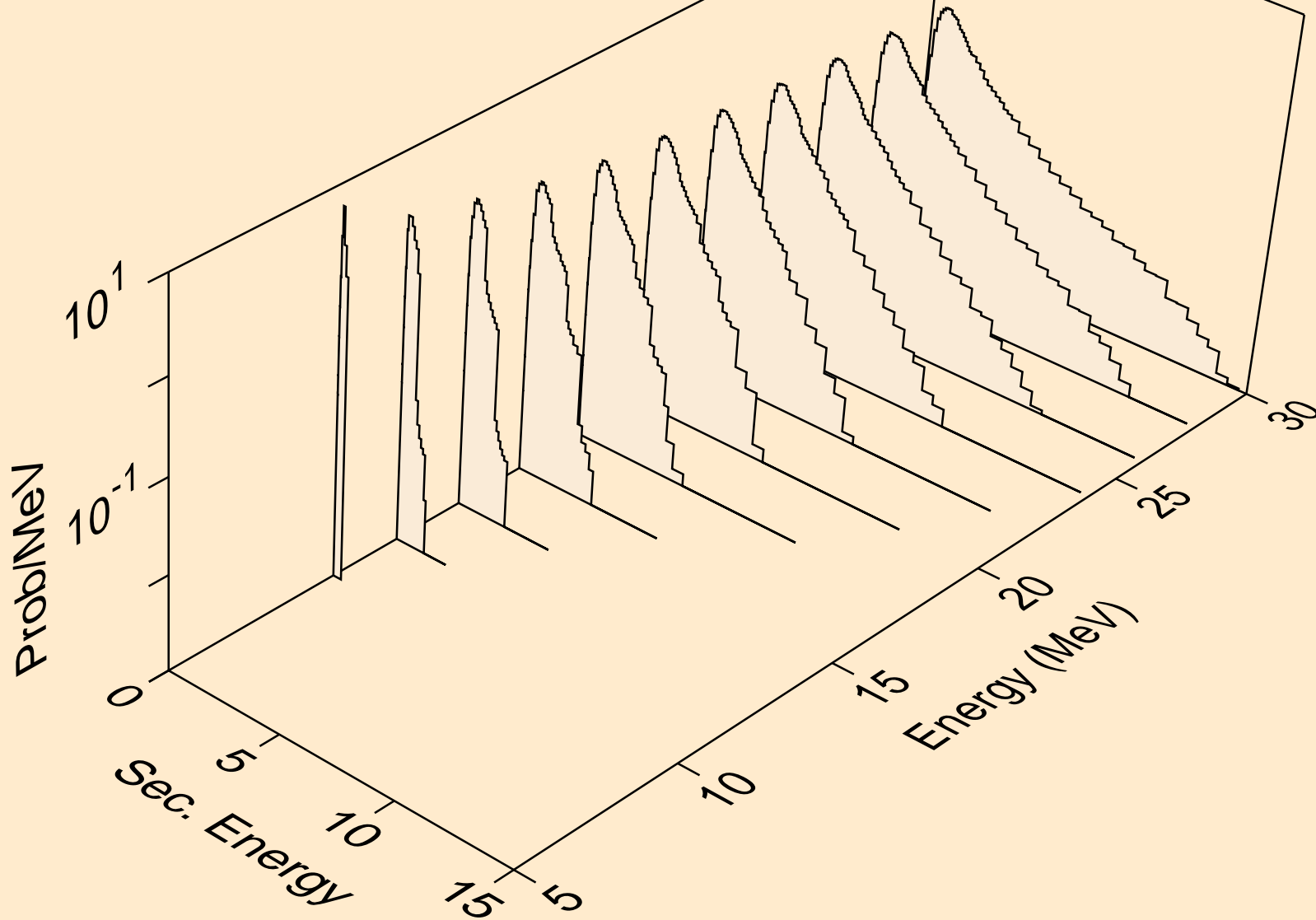
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



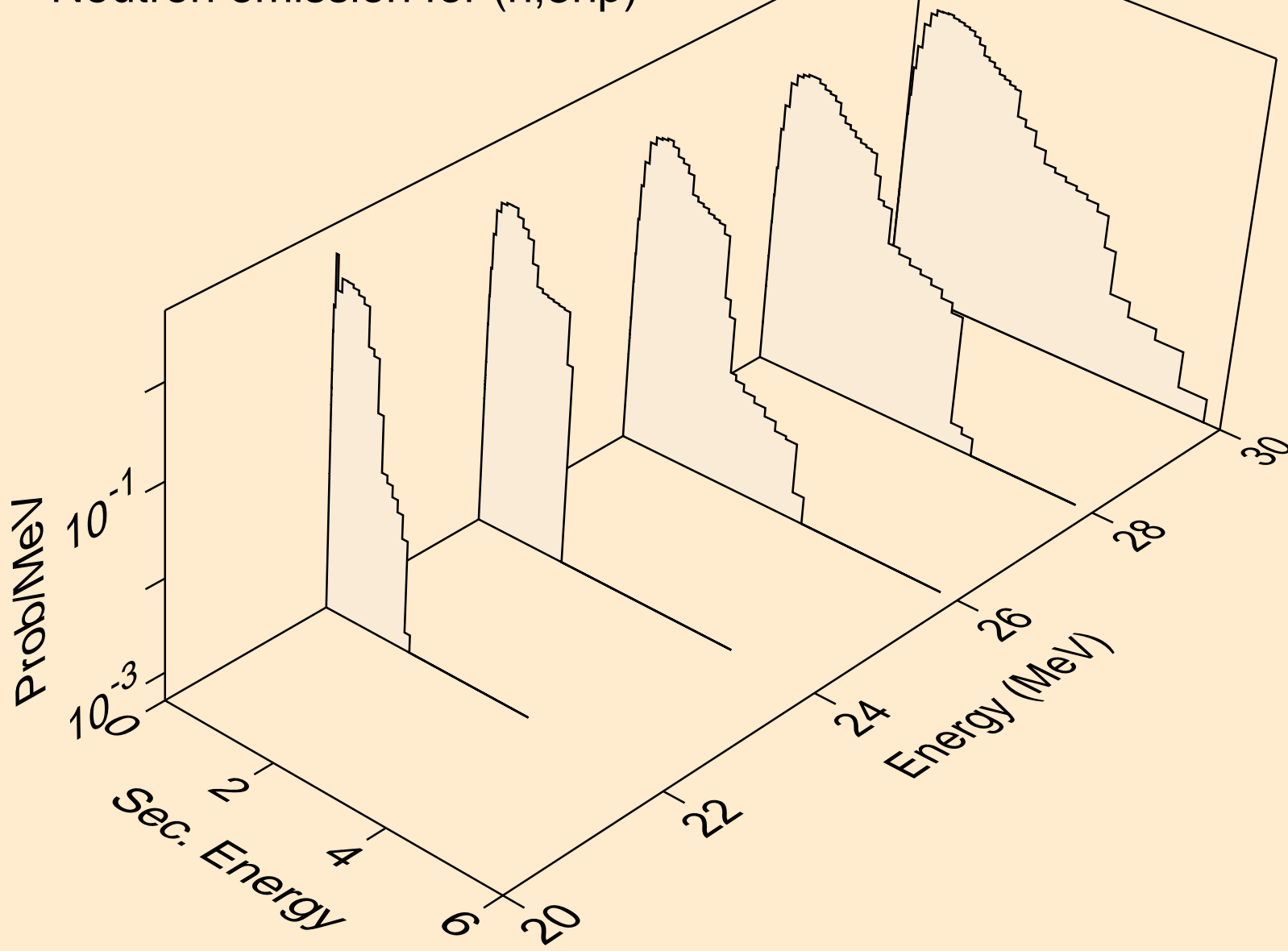
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



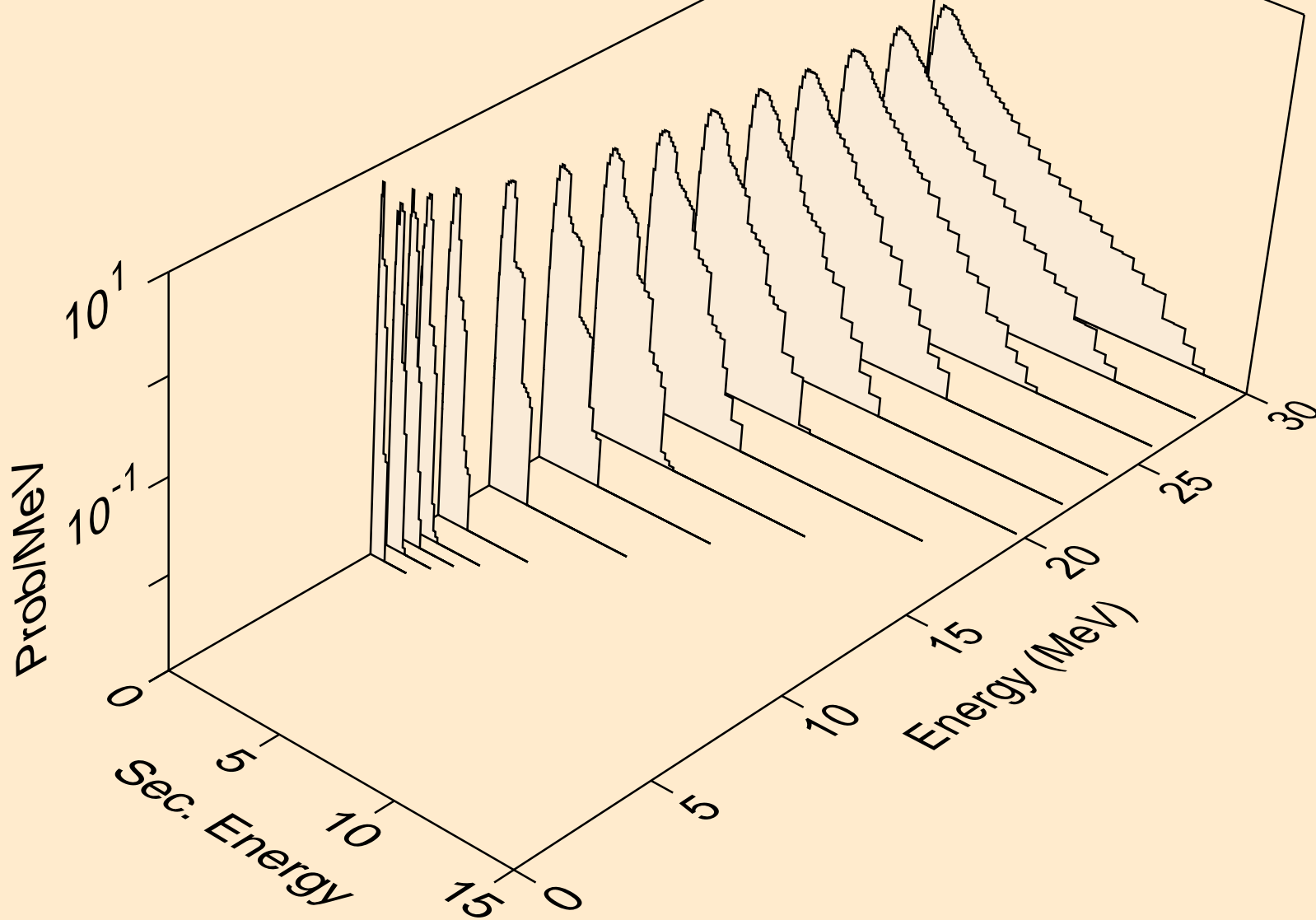
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



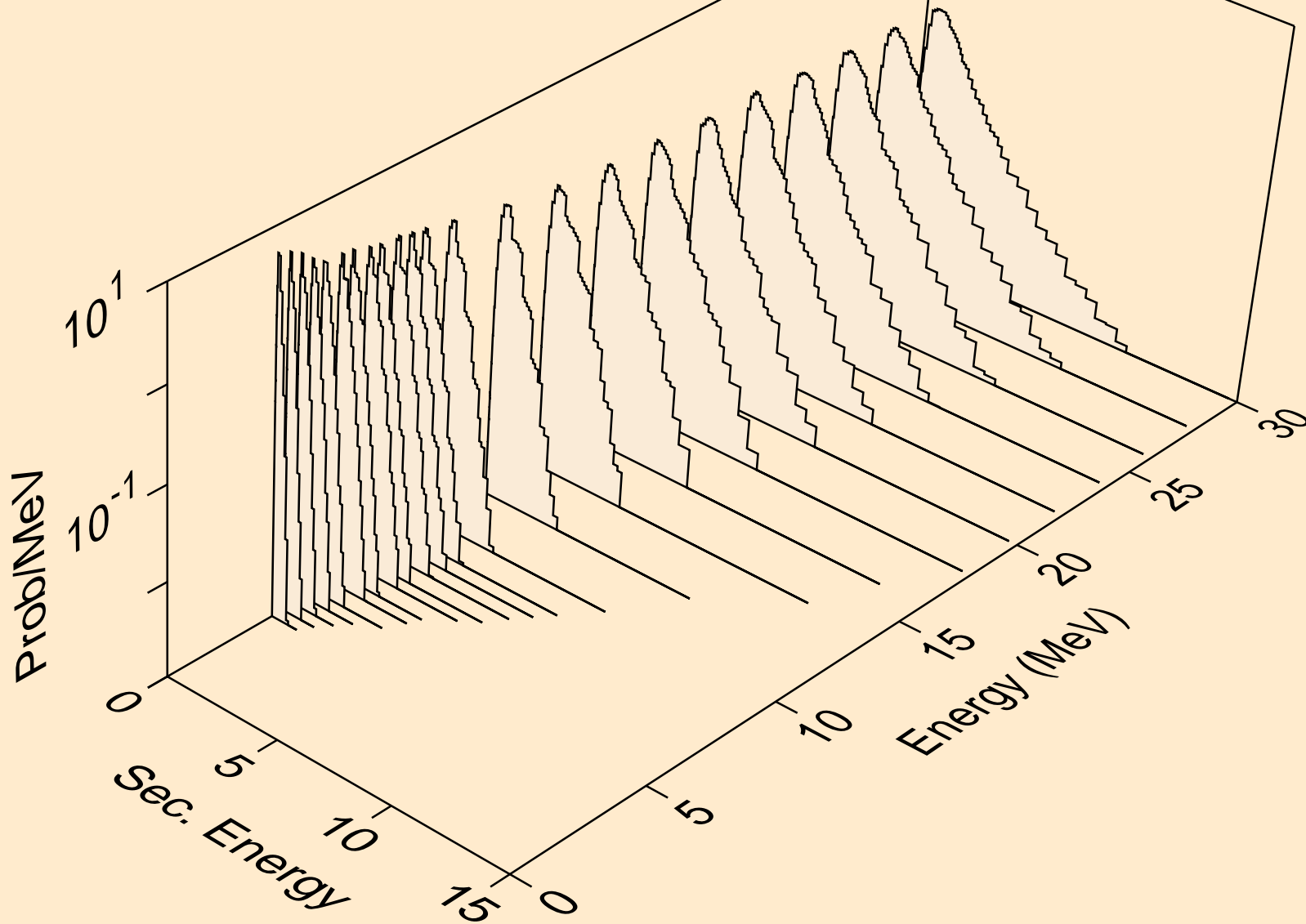
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



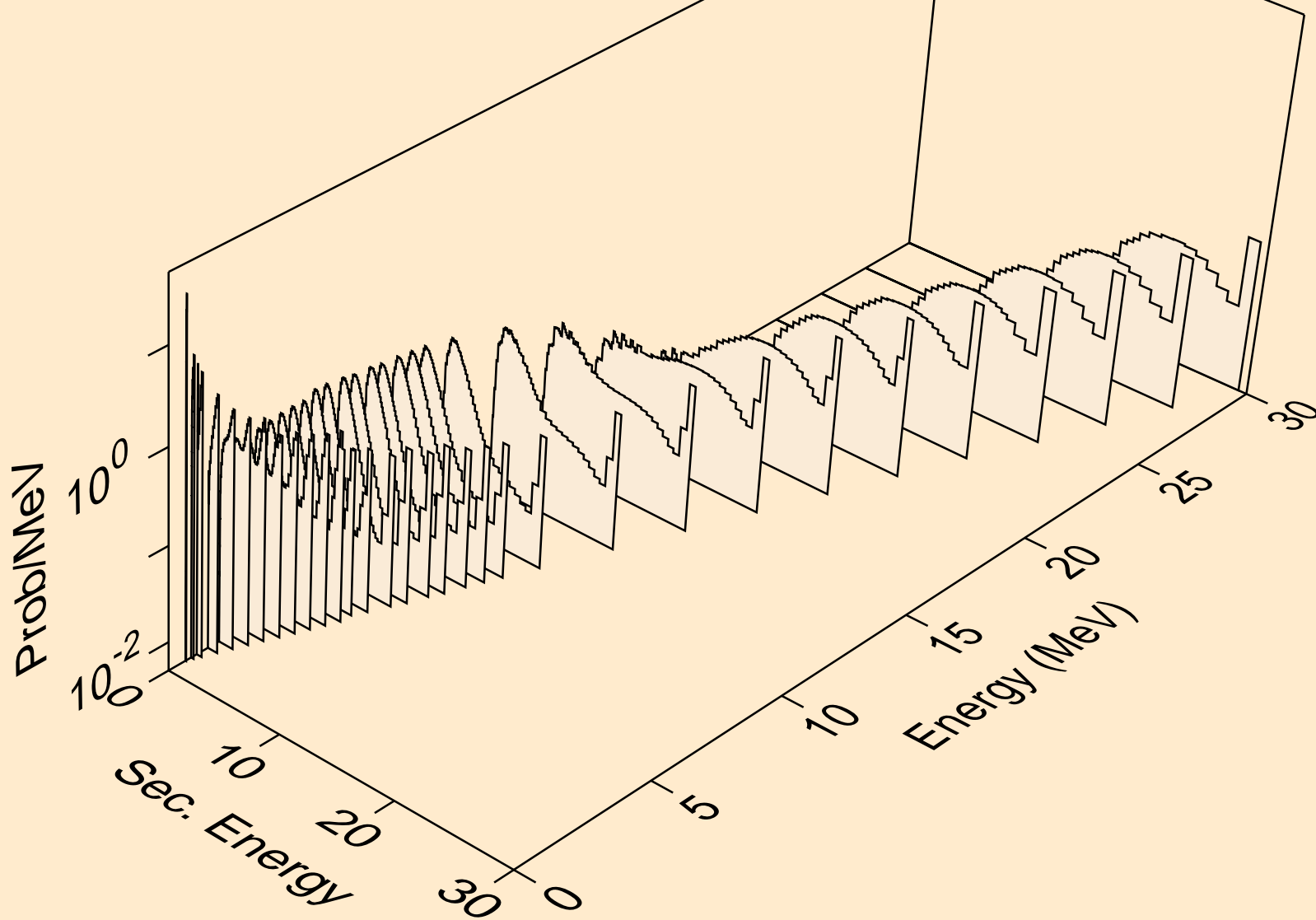
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



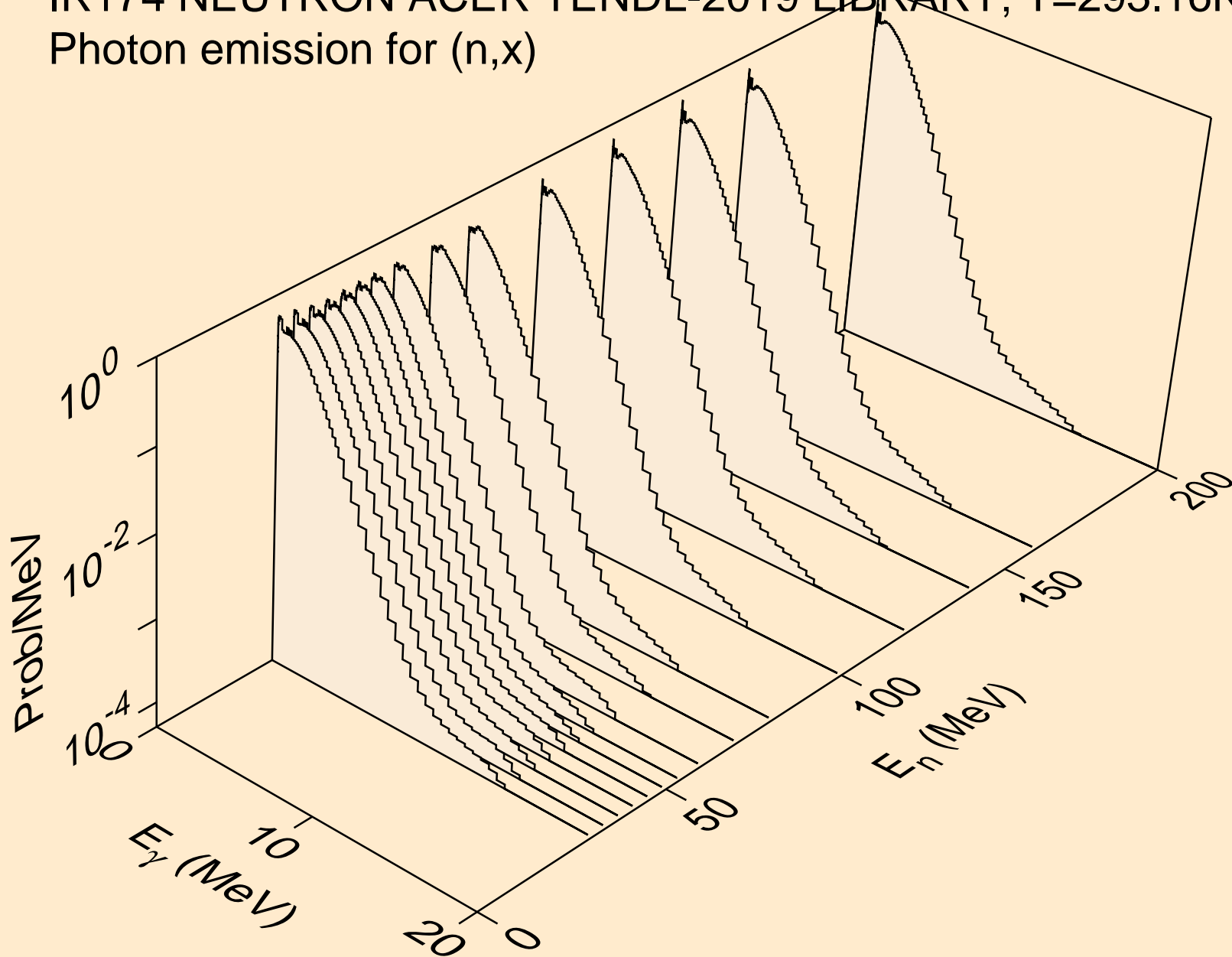
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



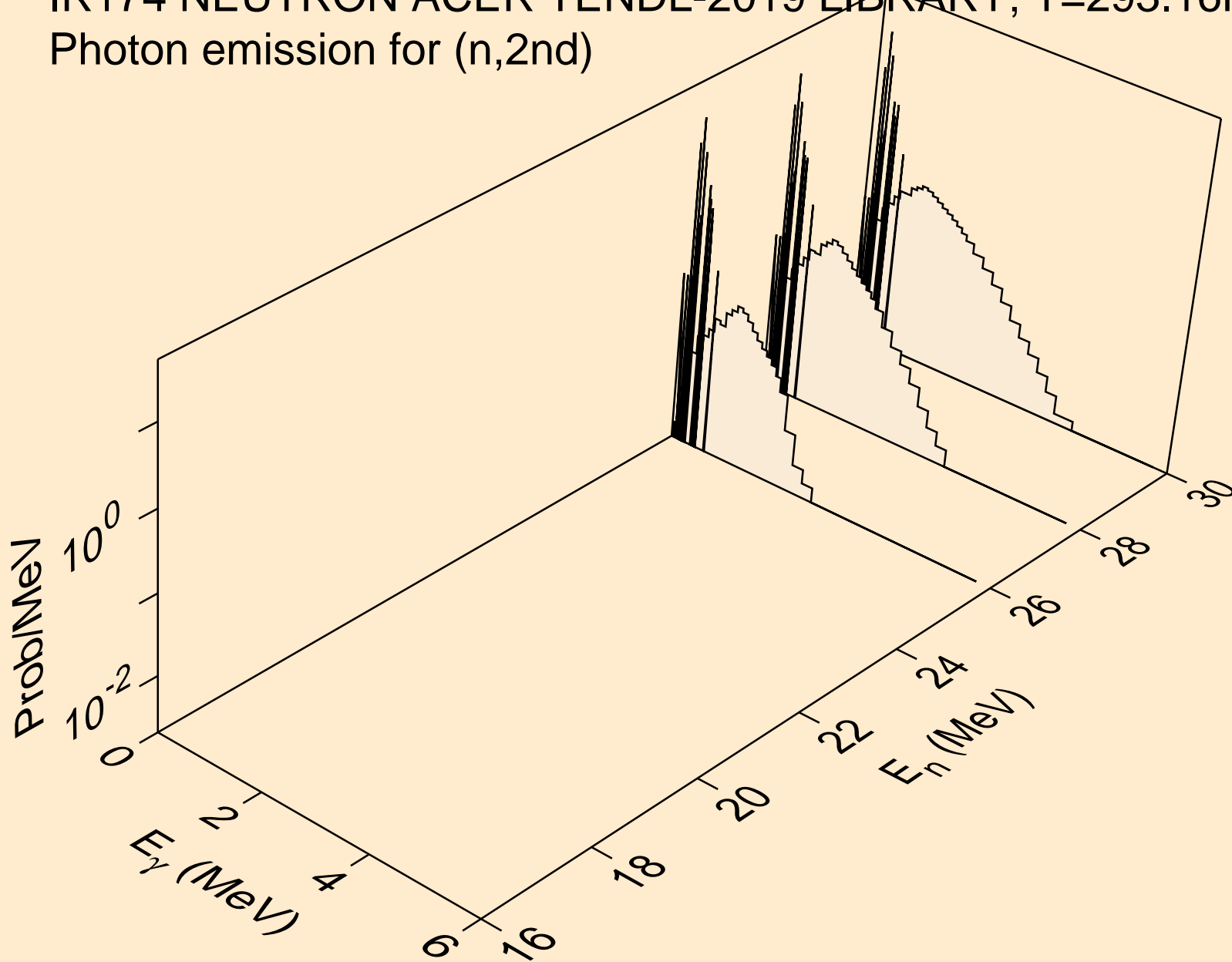
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



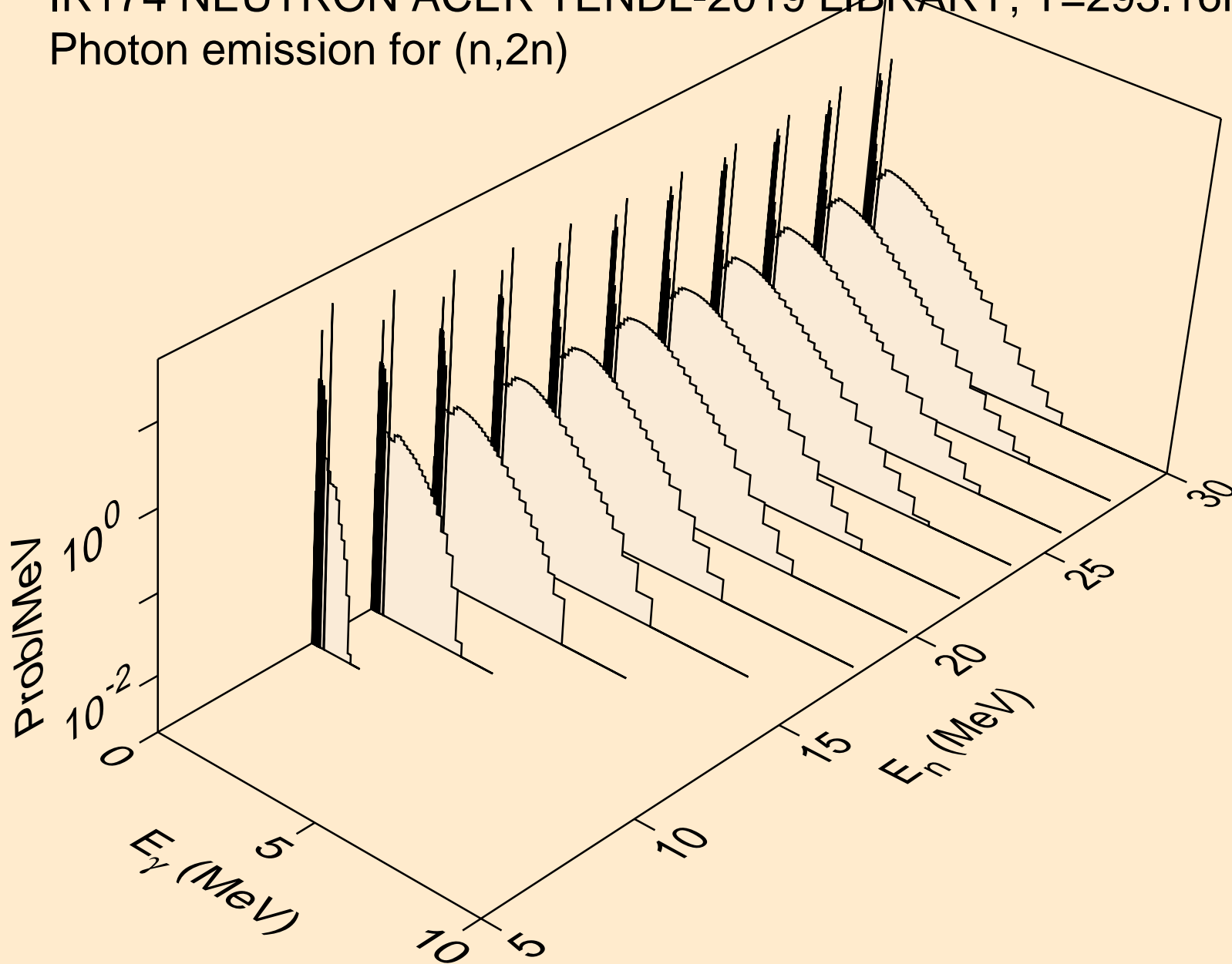
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



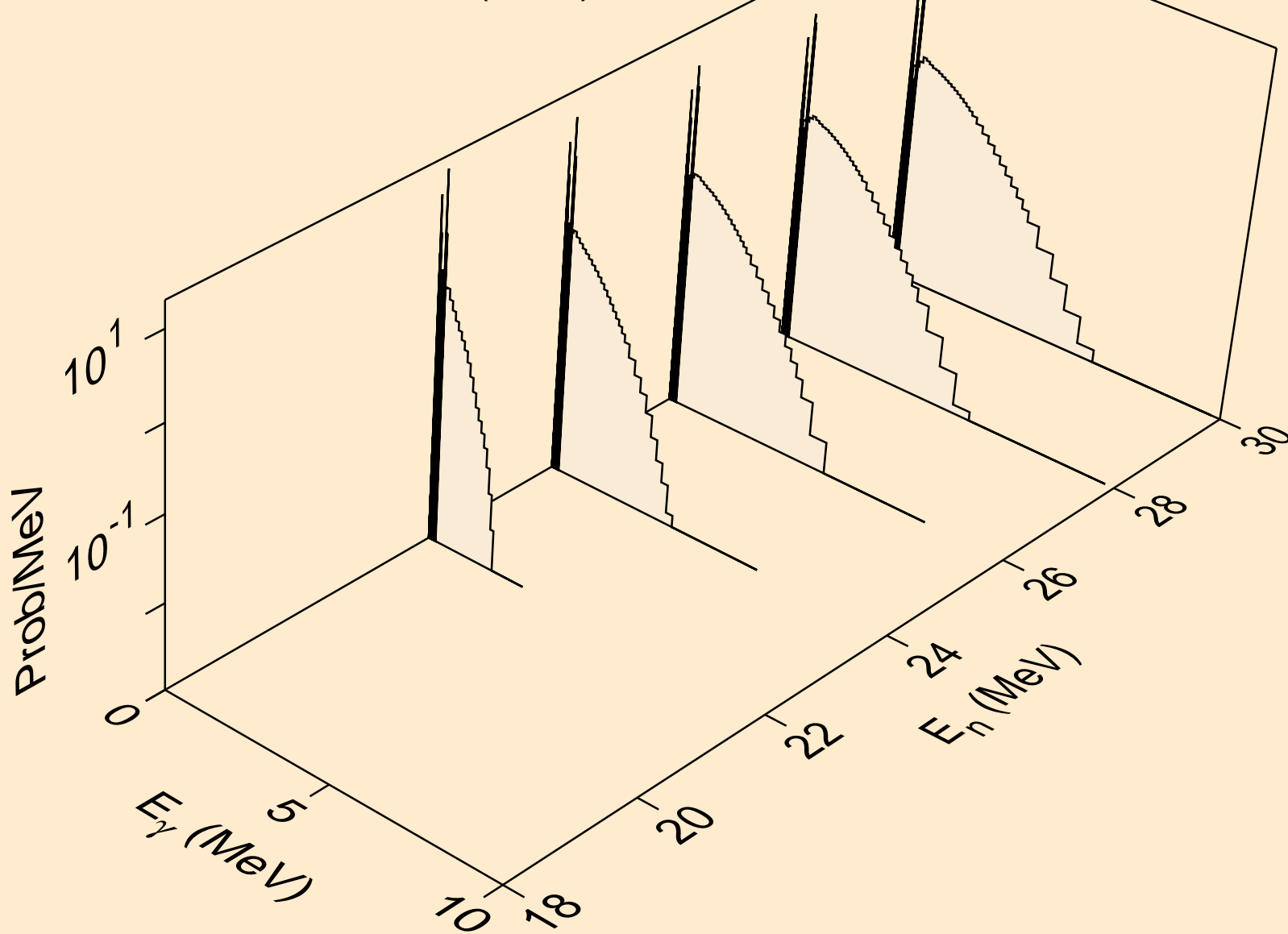
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



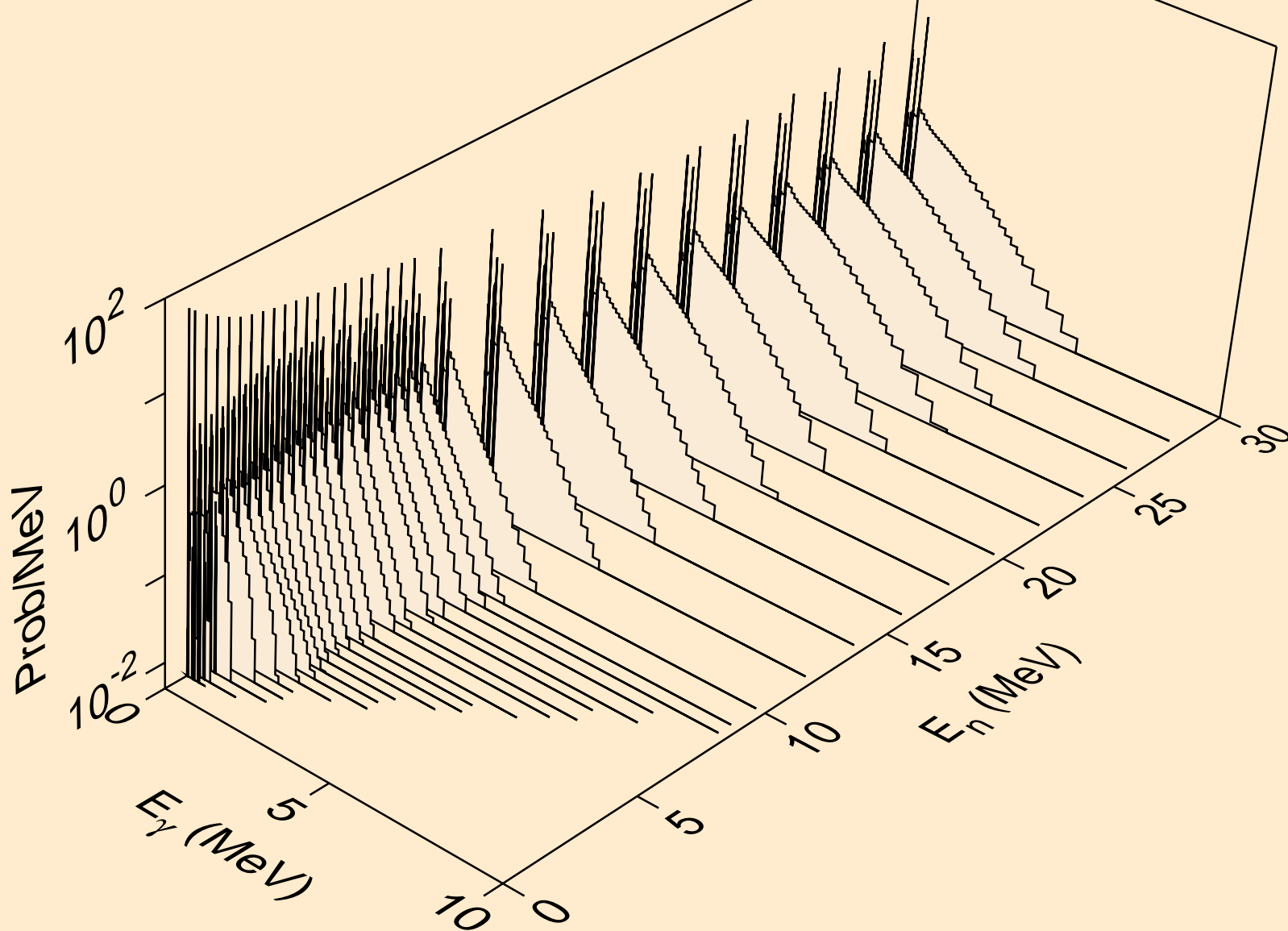
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



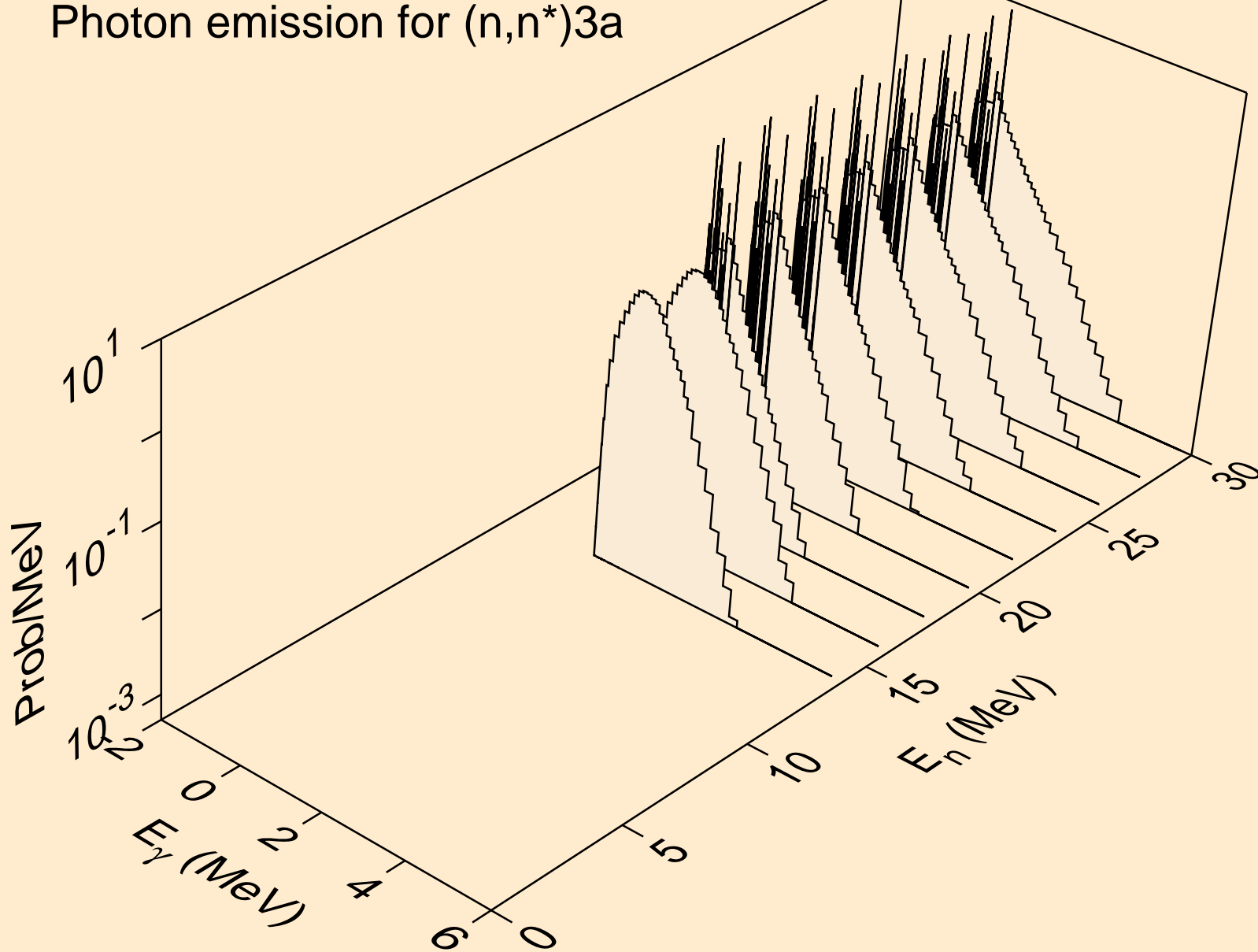
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



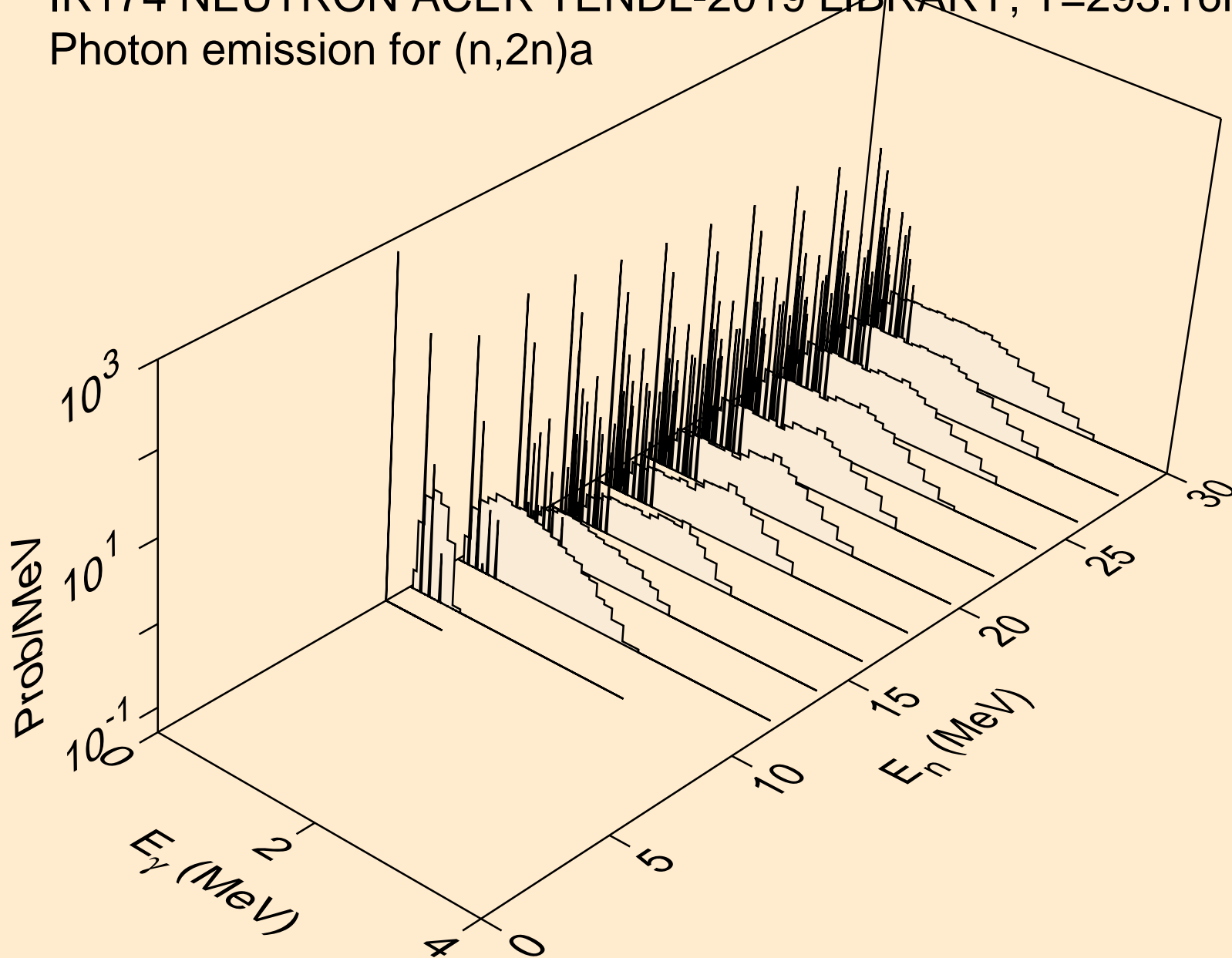
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



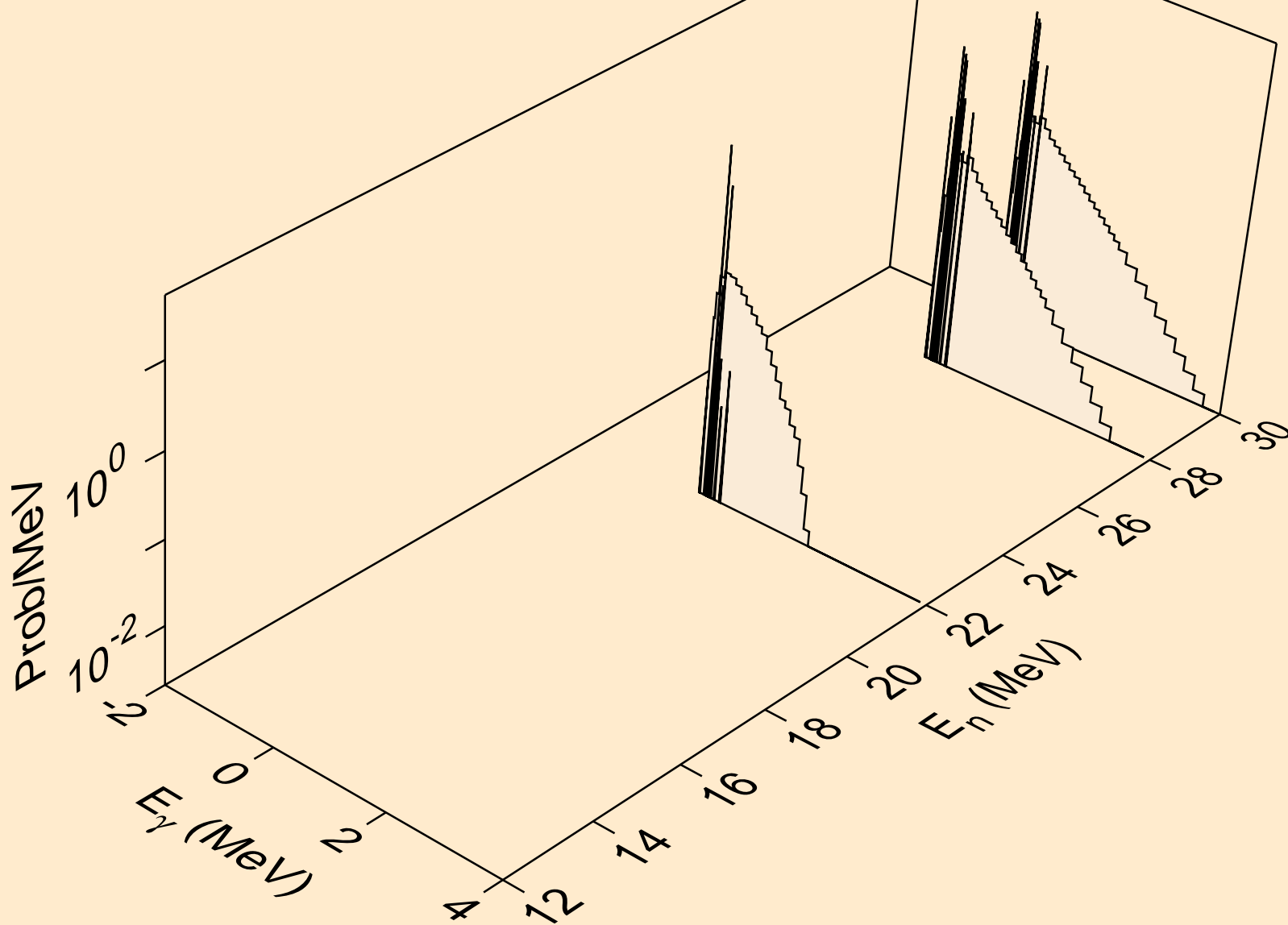
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)3a



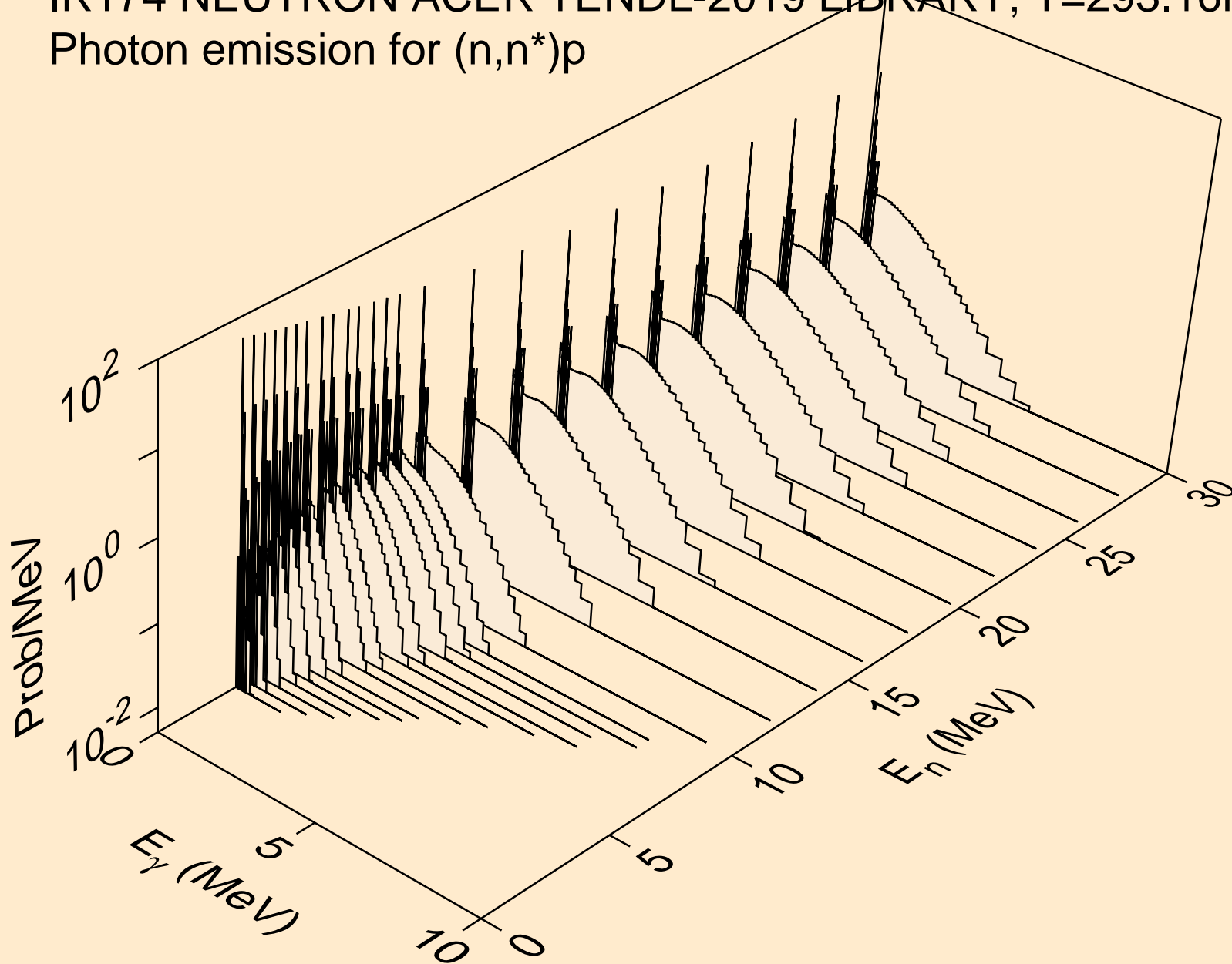
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



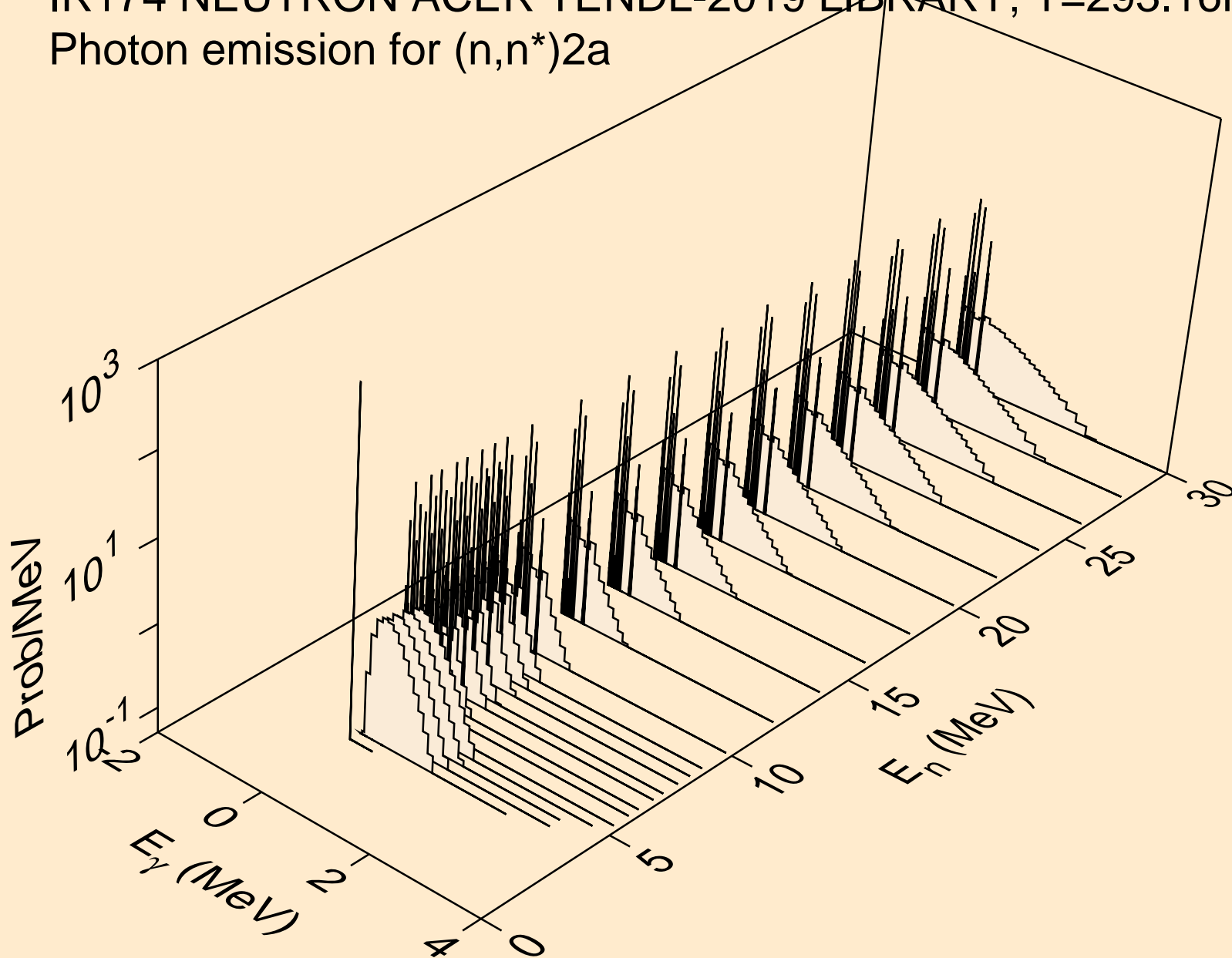
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



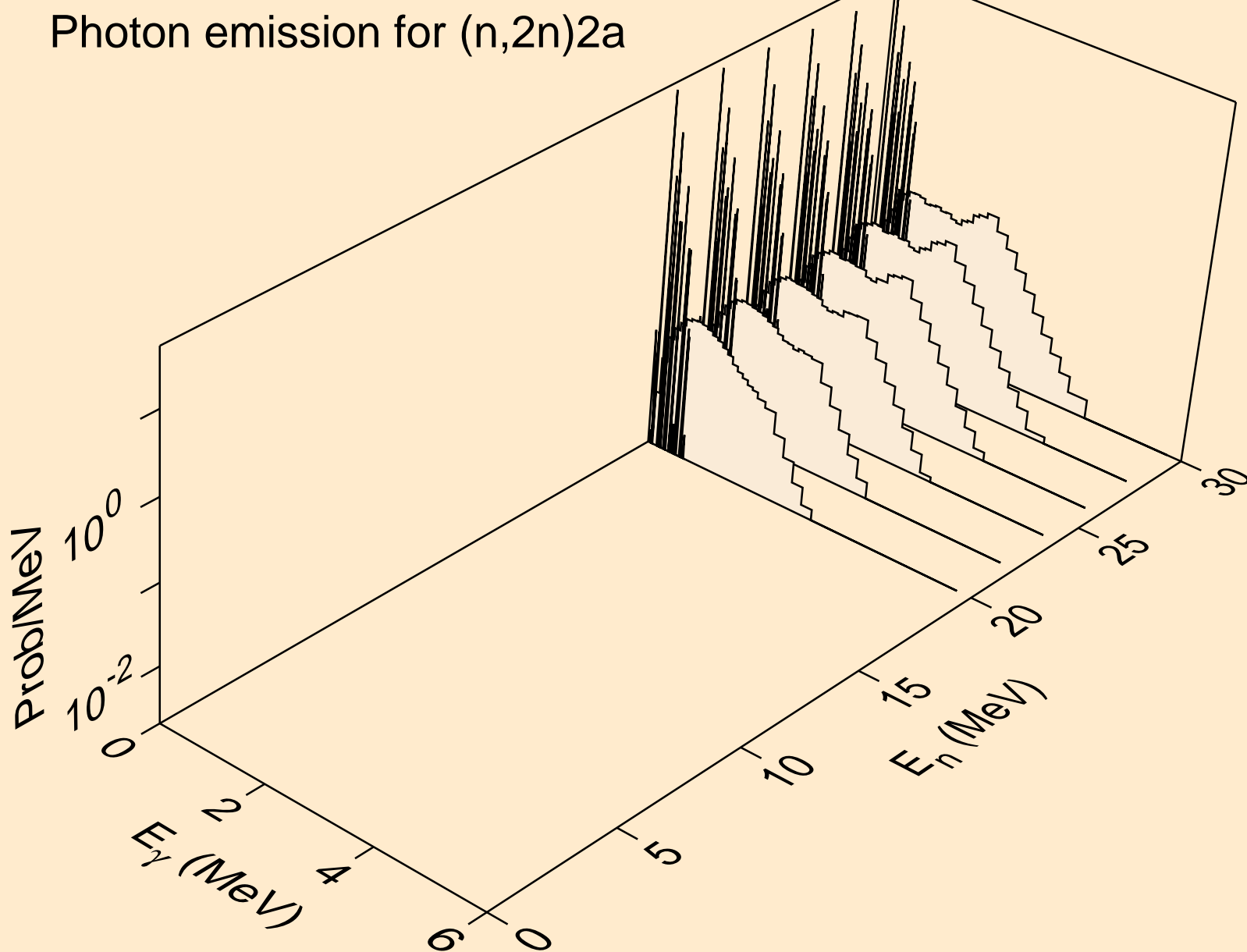
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



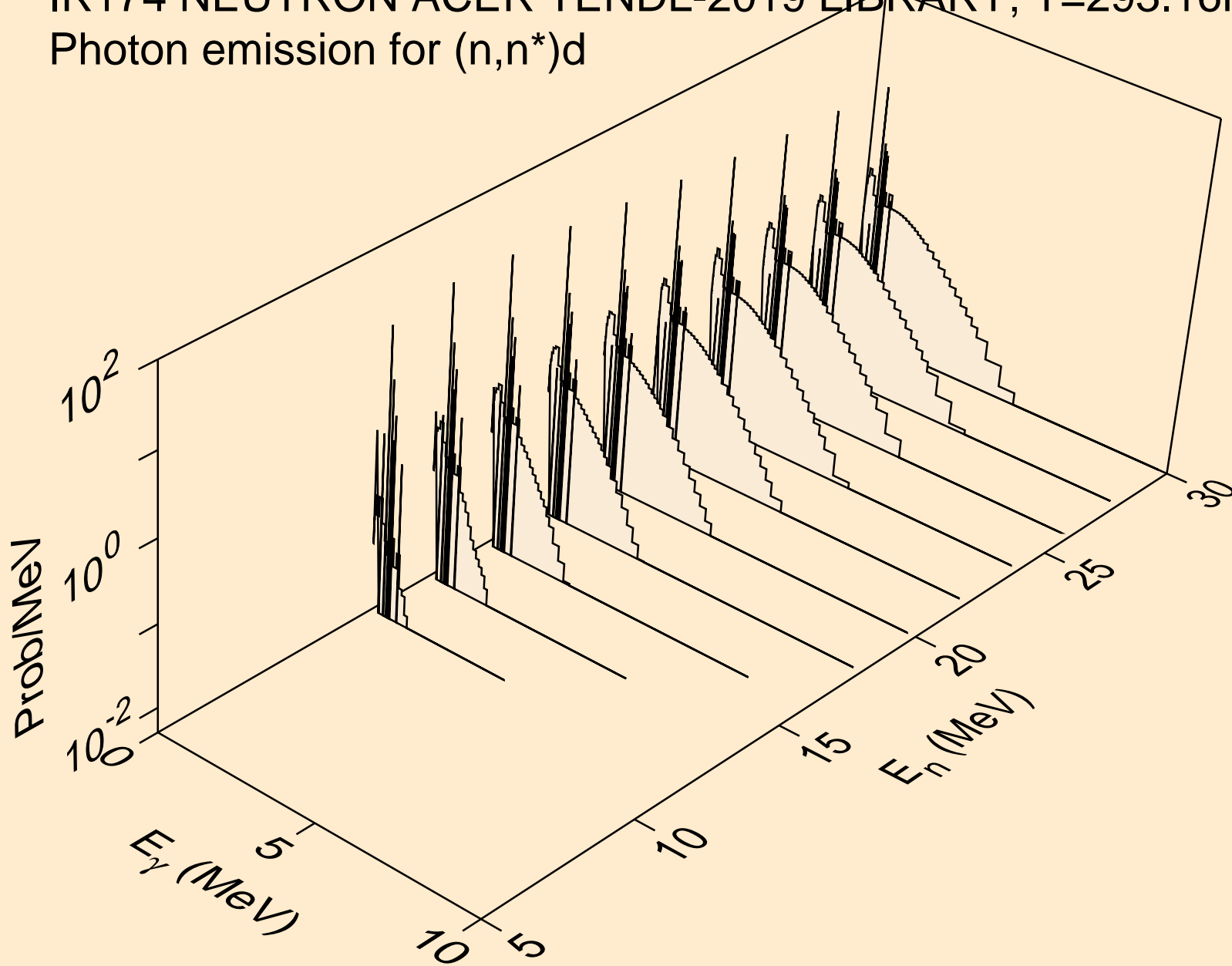
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



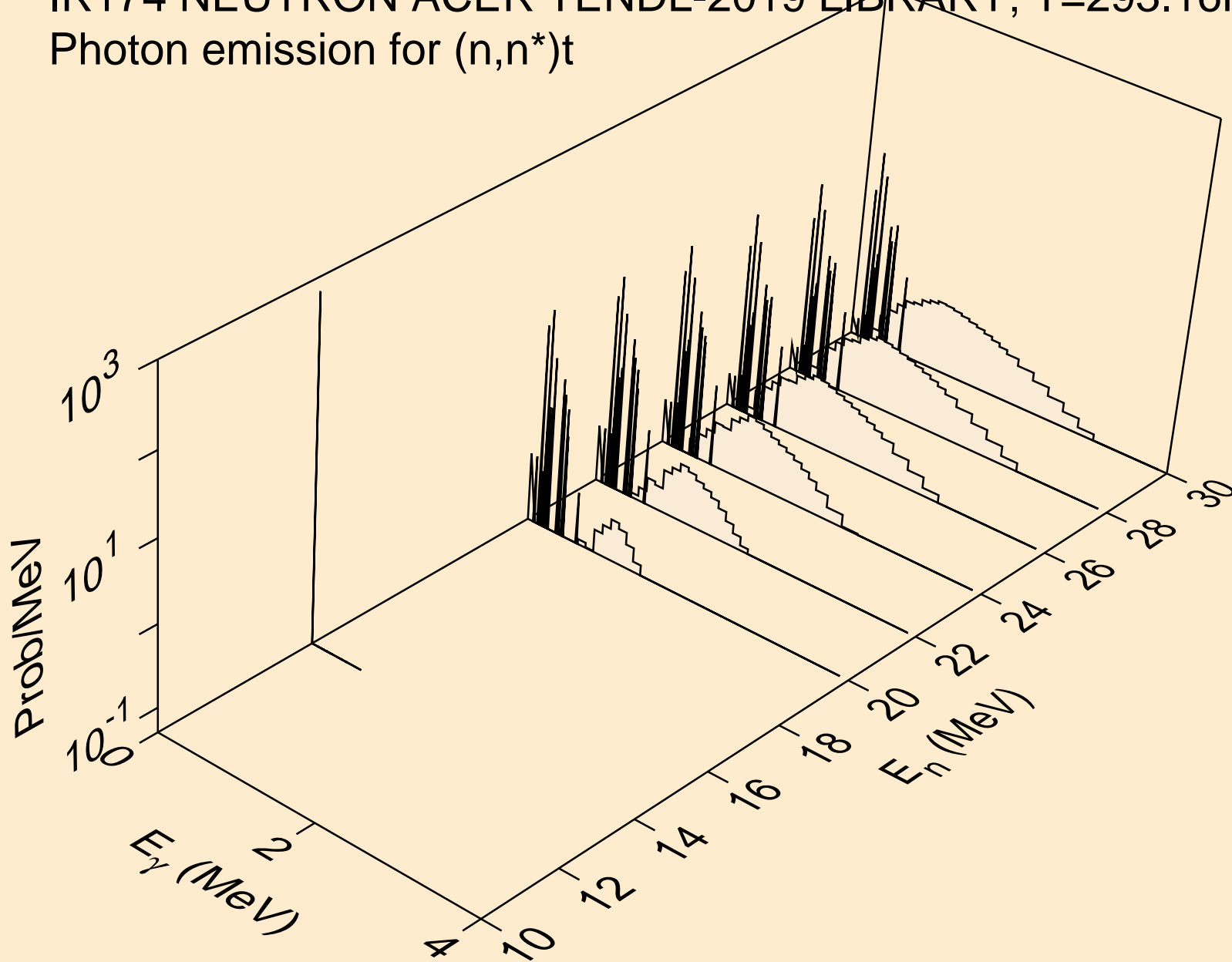
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



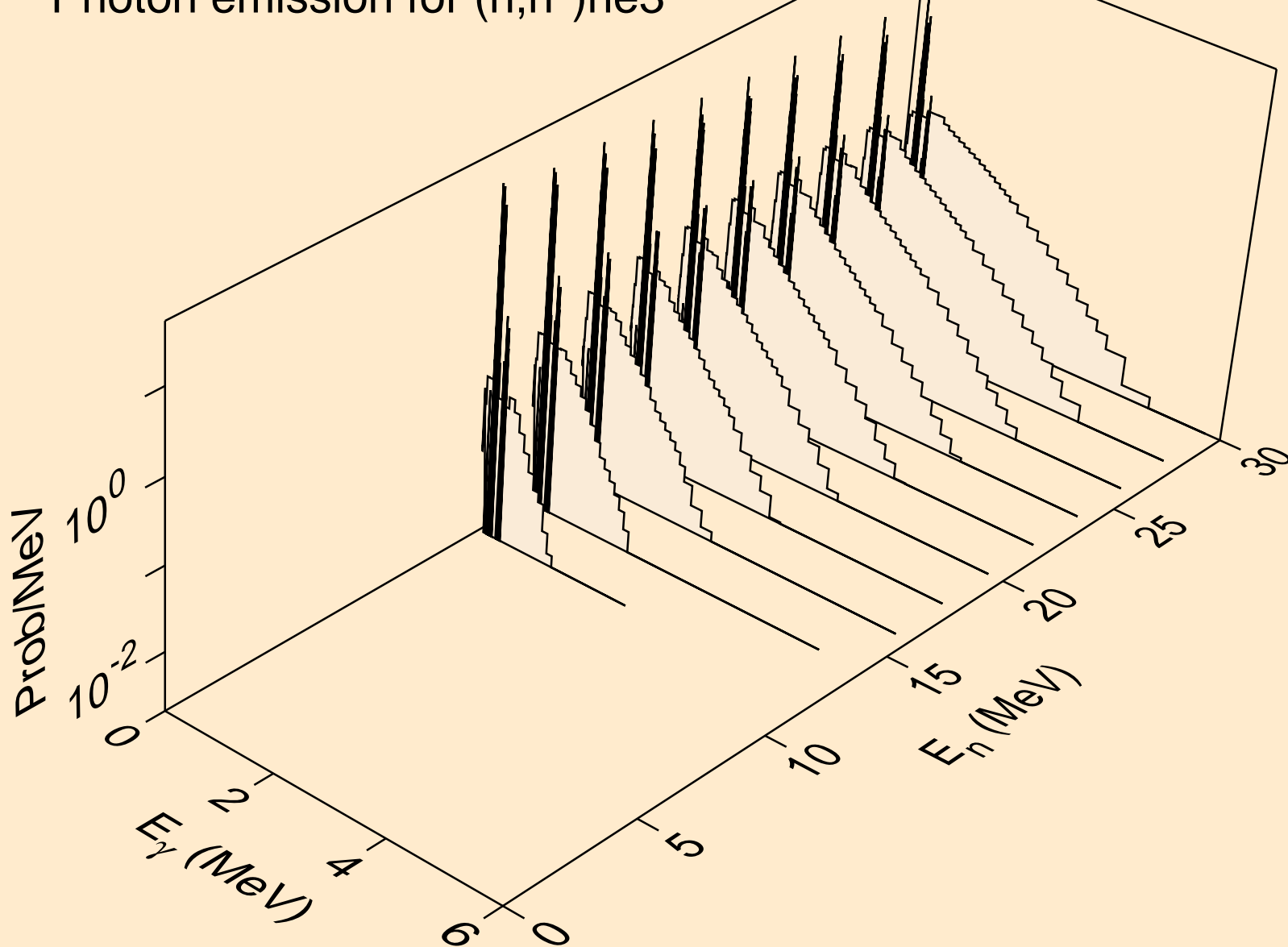
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



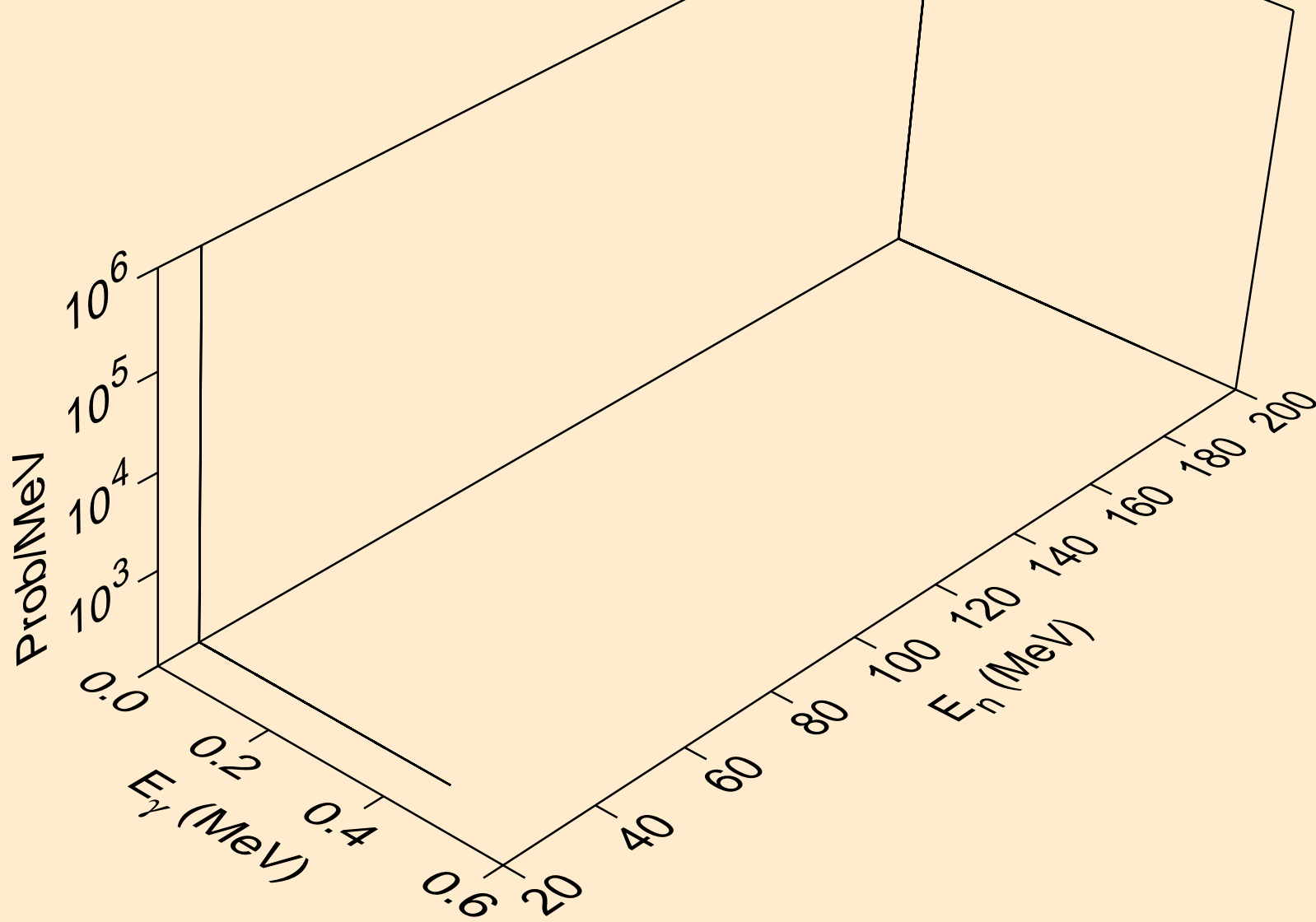
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



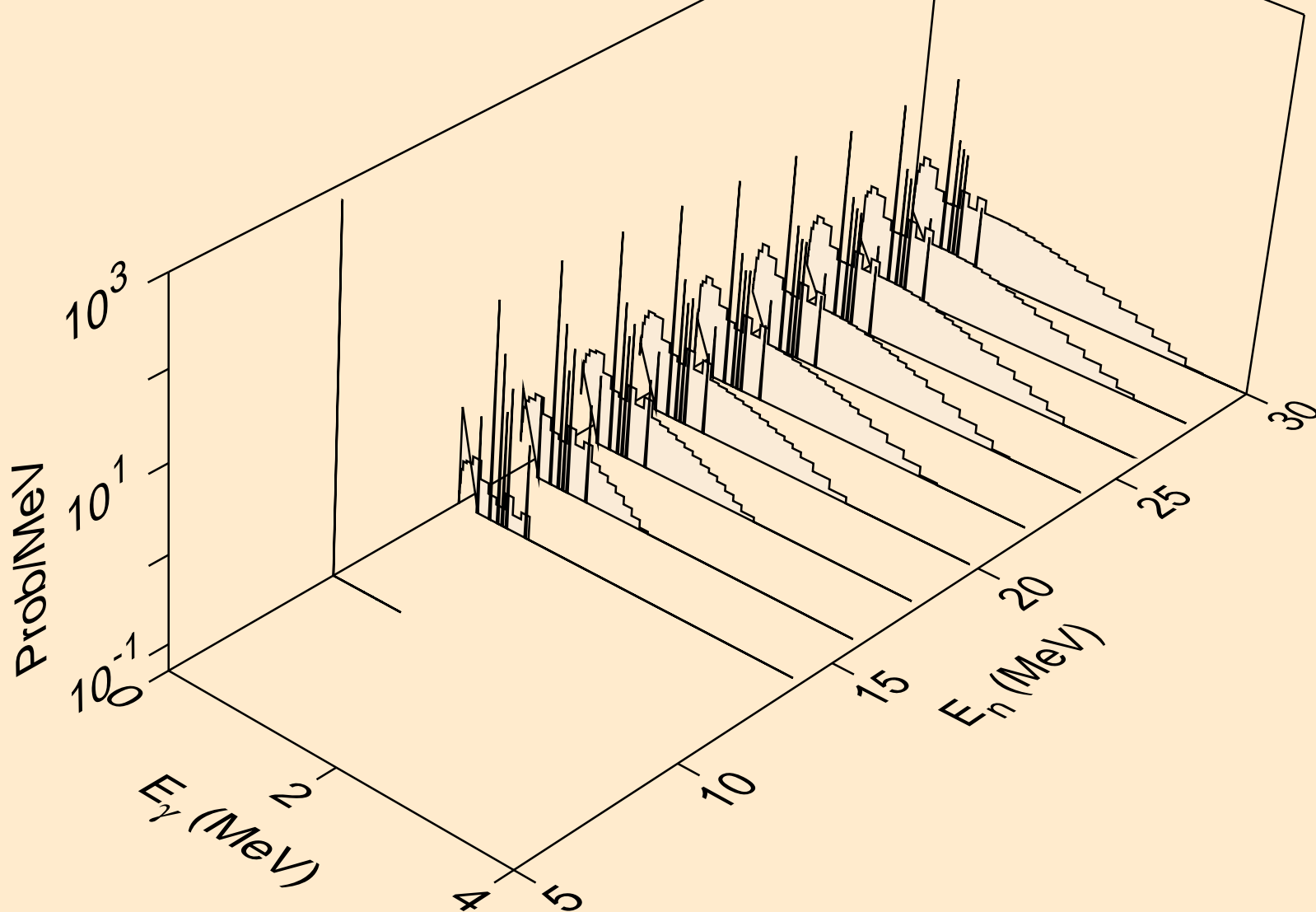
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



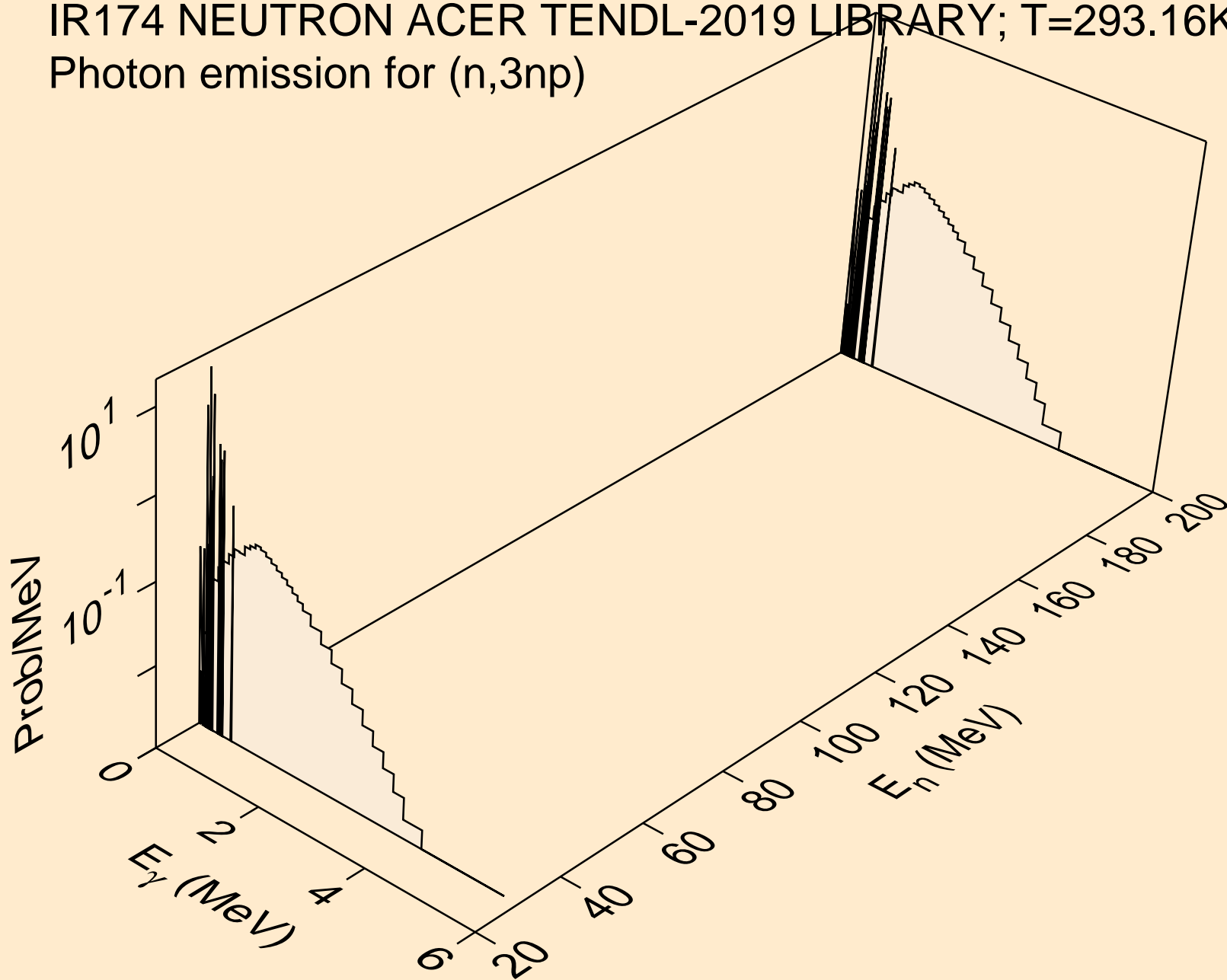
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



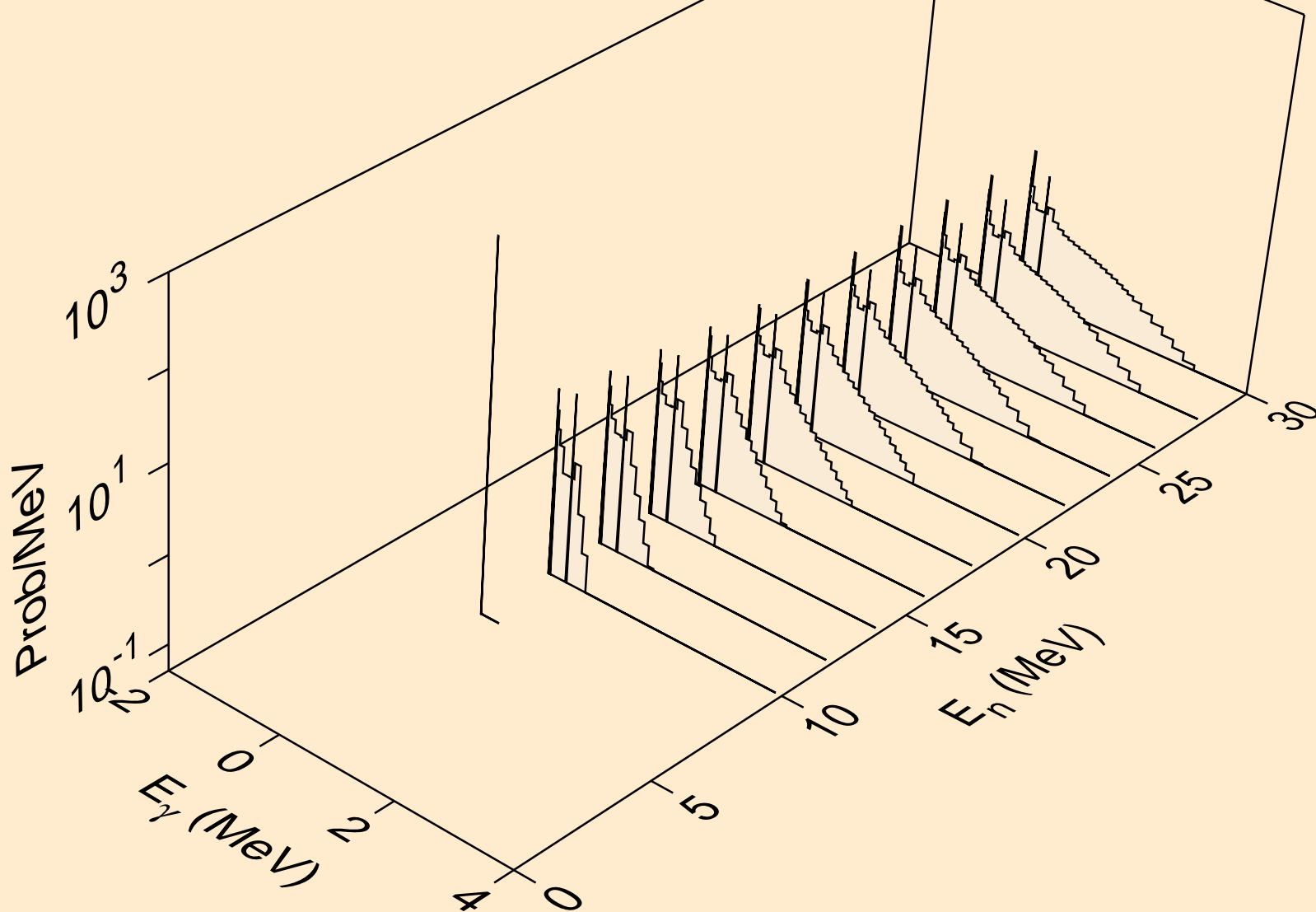
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



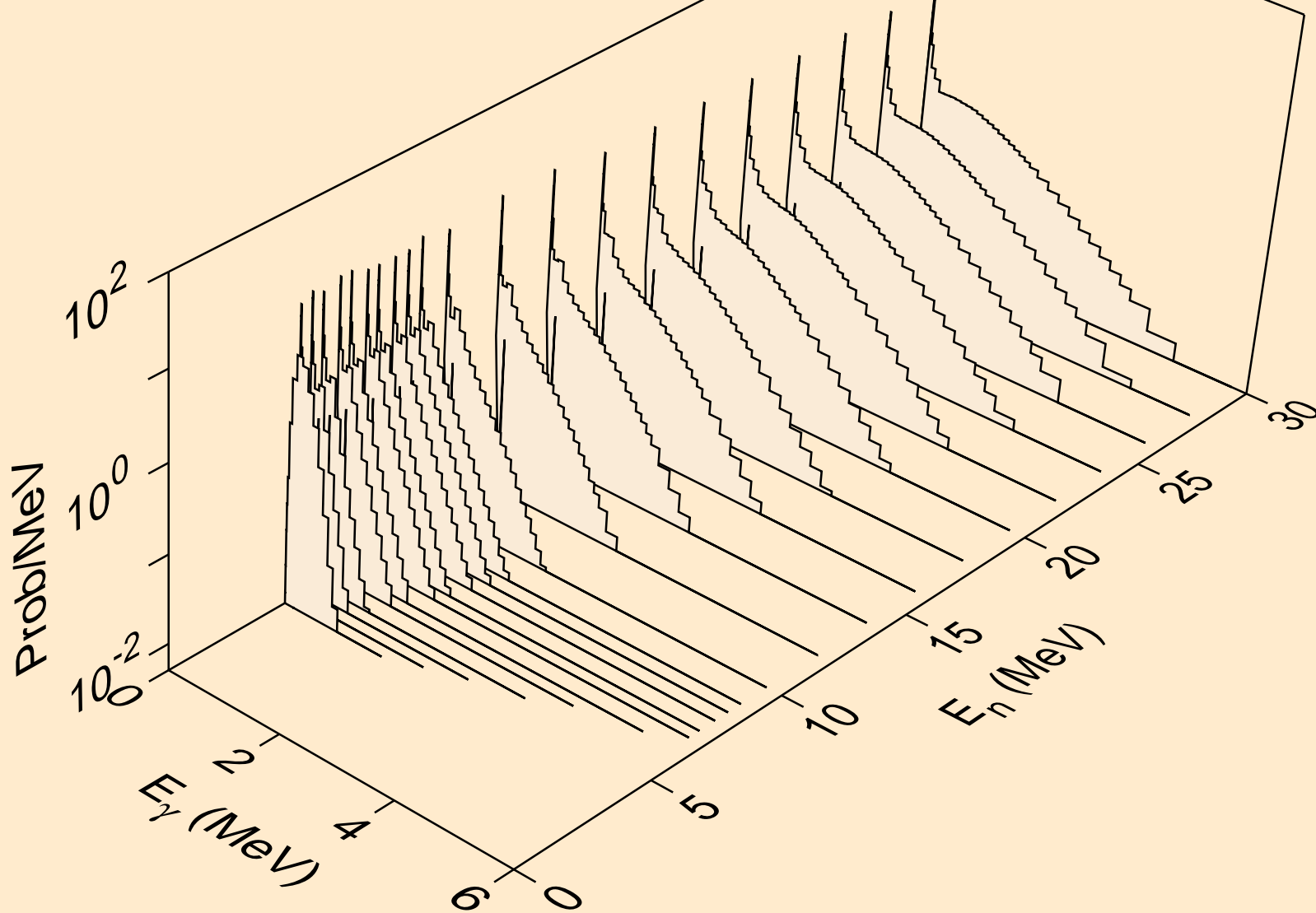
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



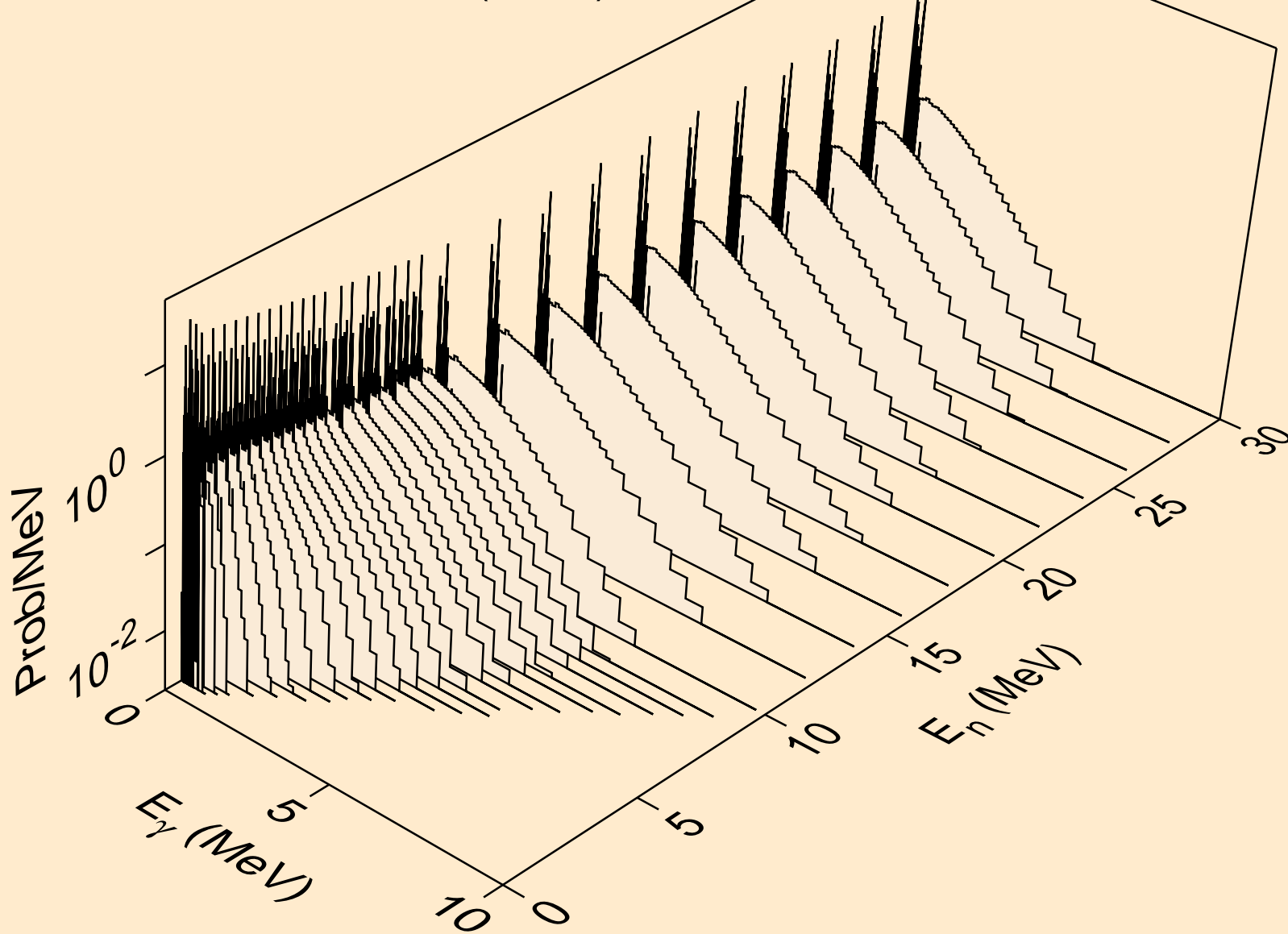
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



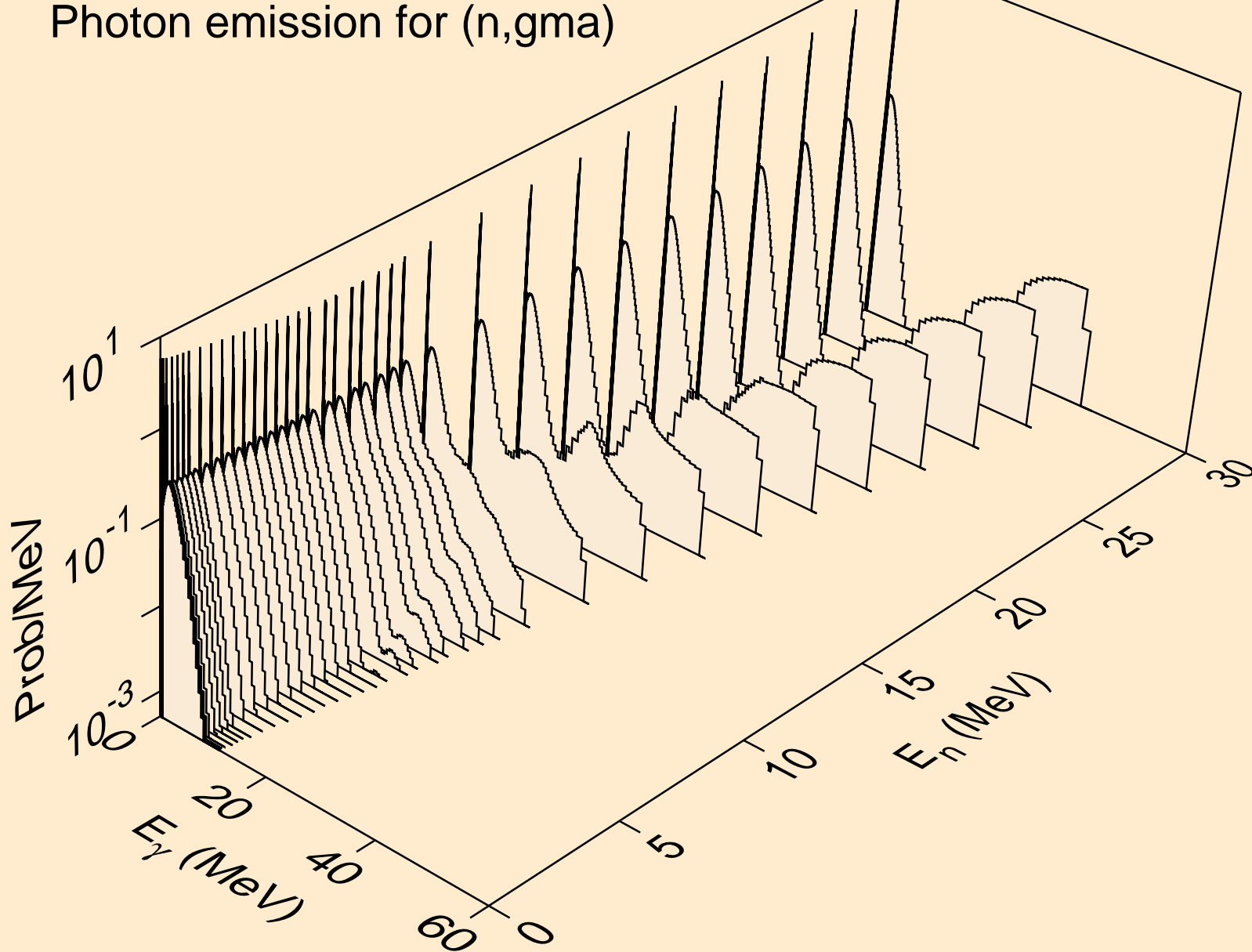
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



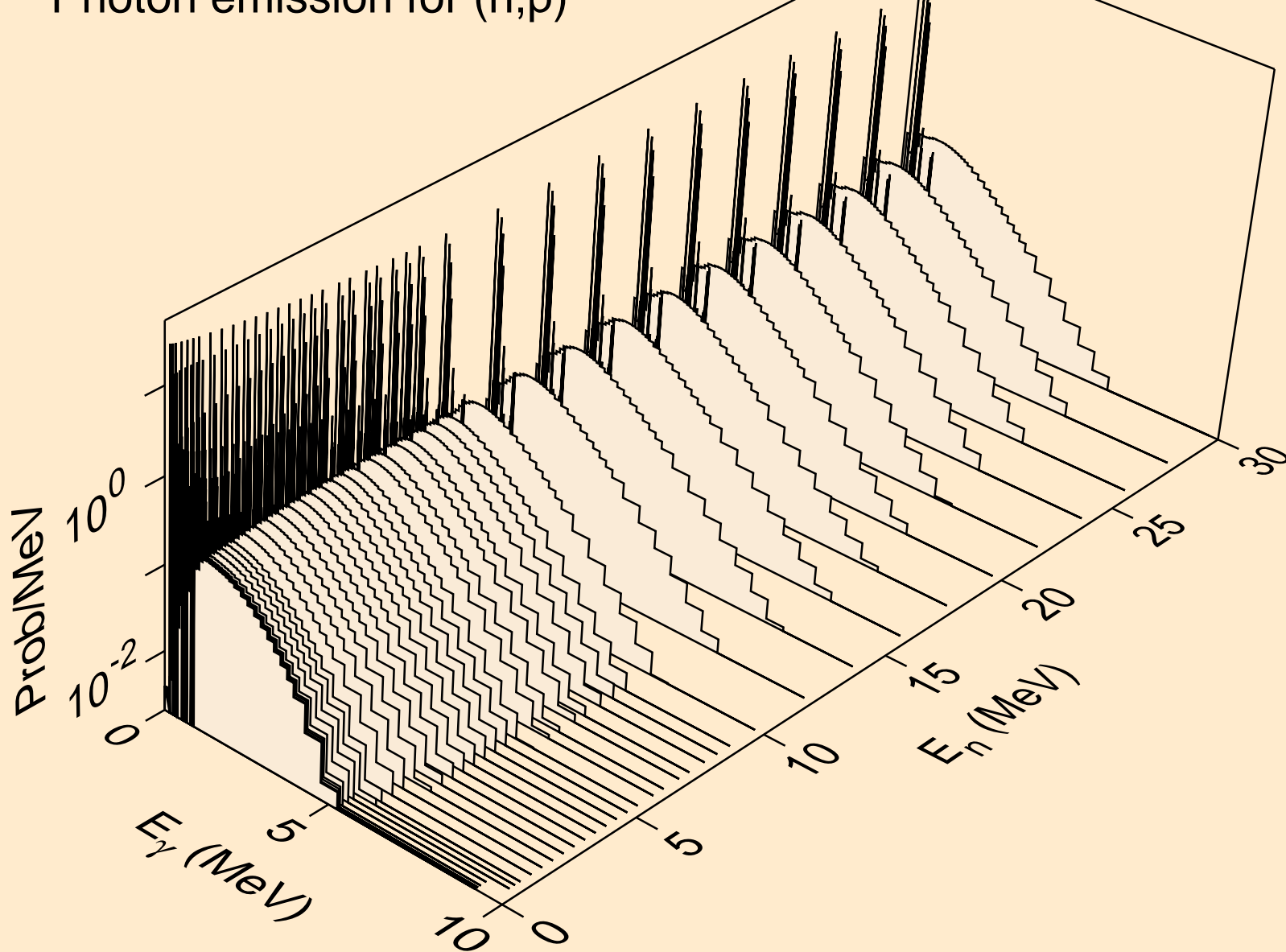
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



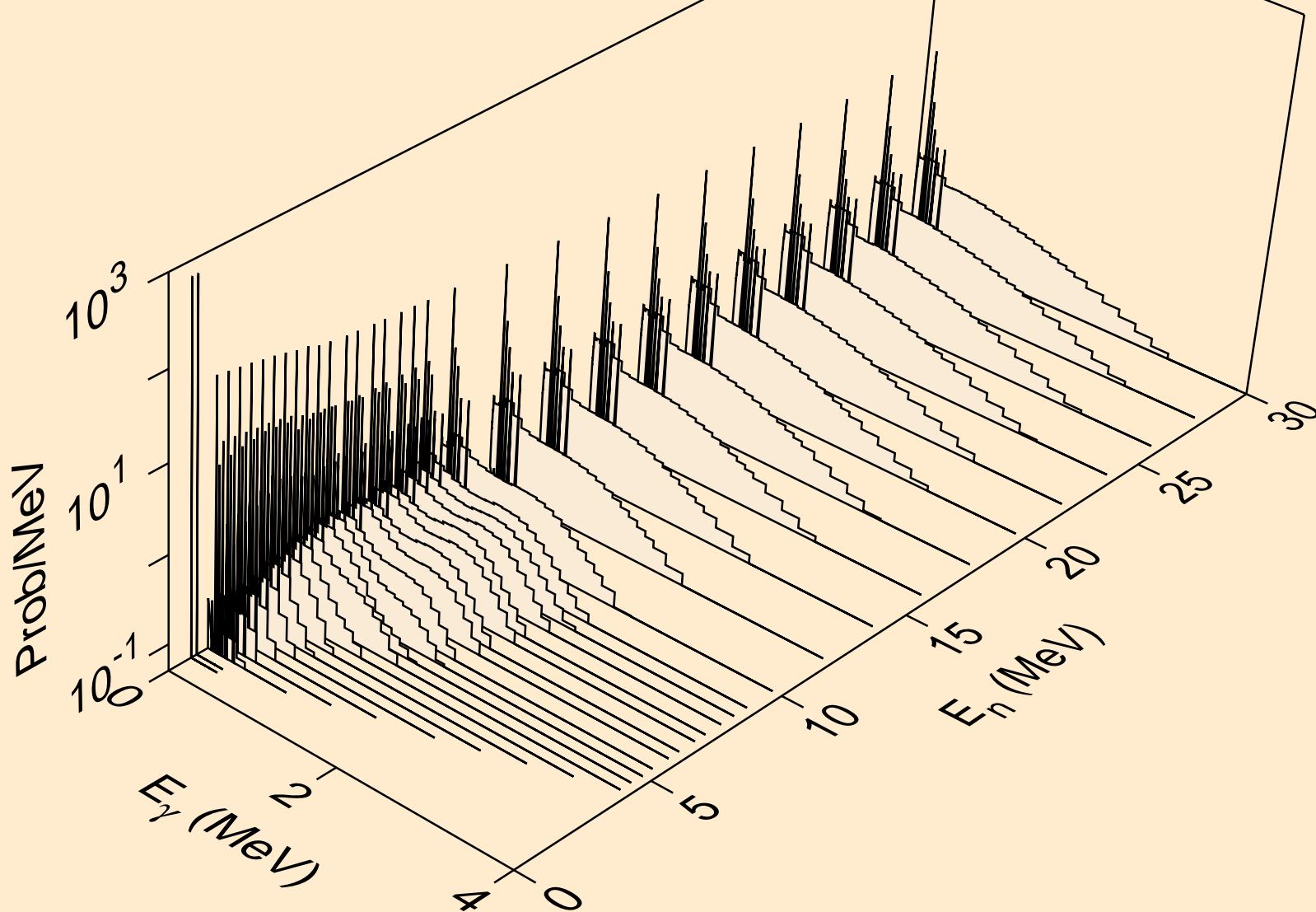
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



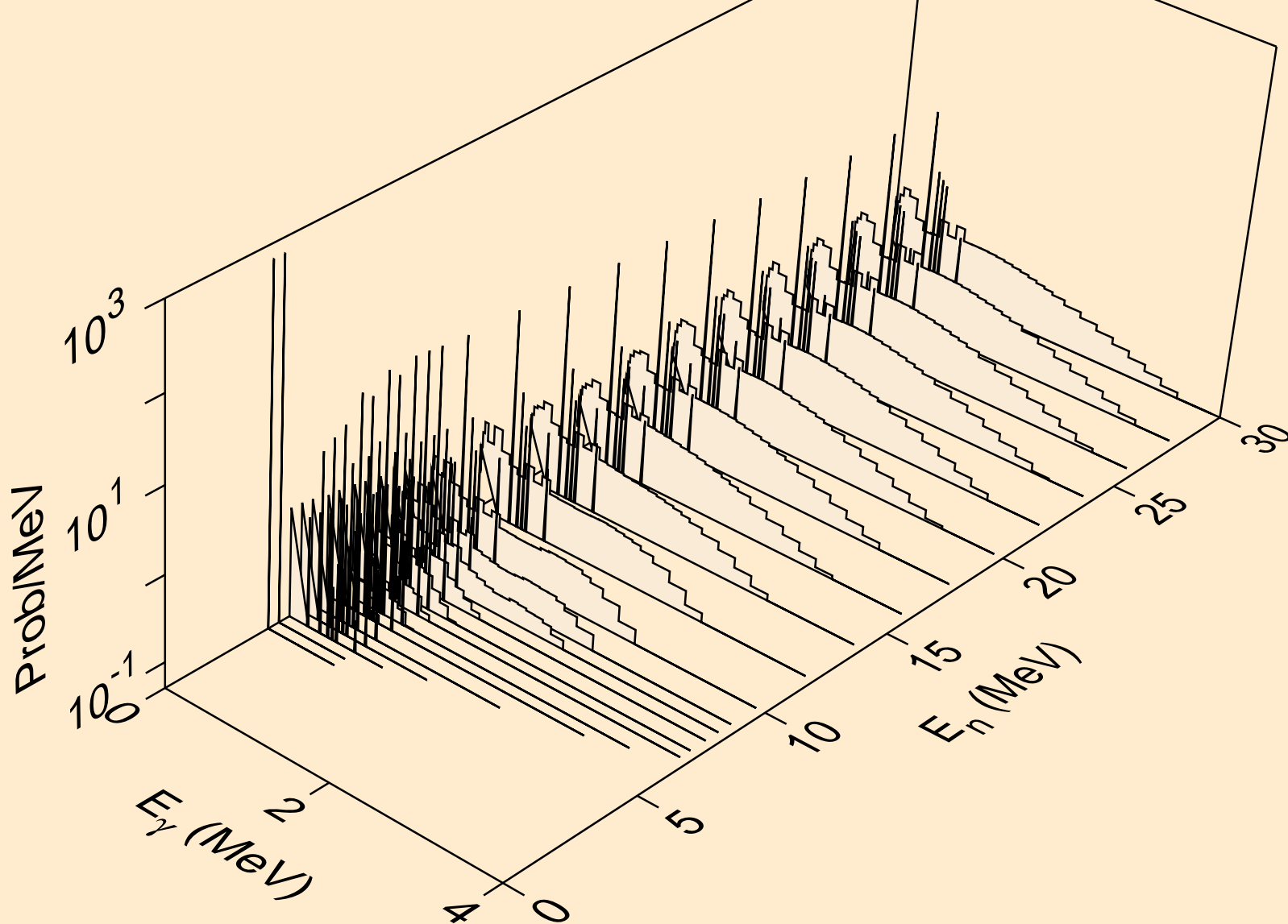
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



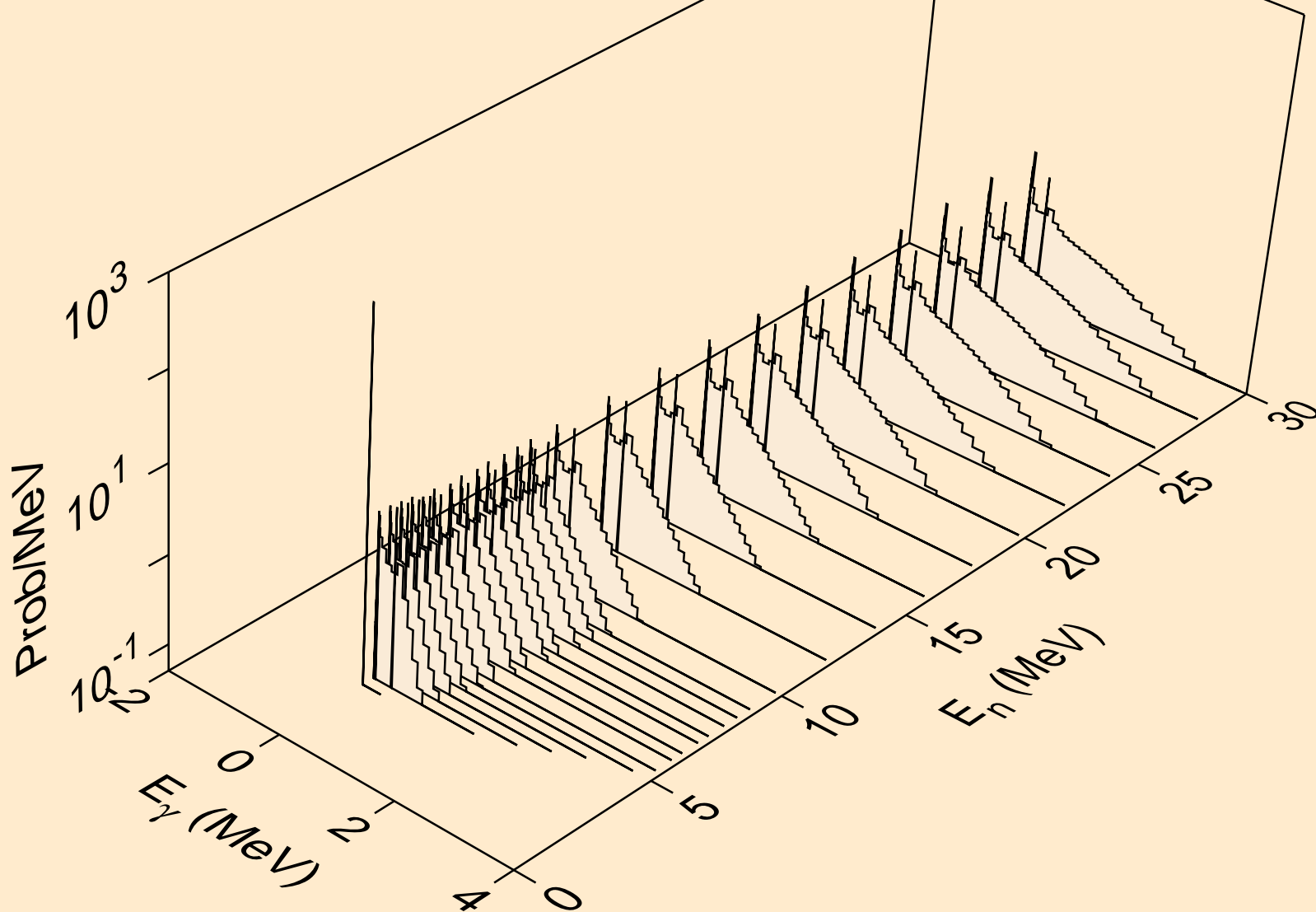
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



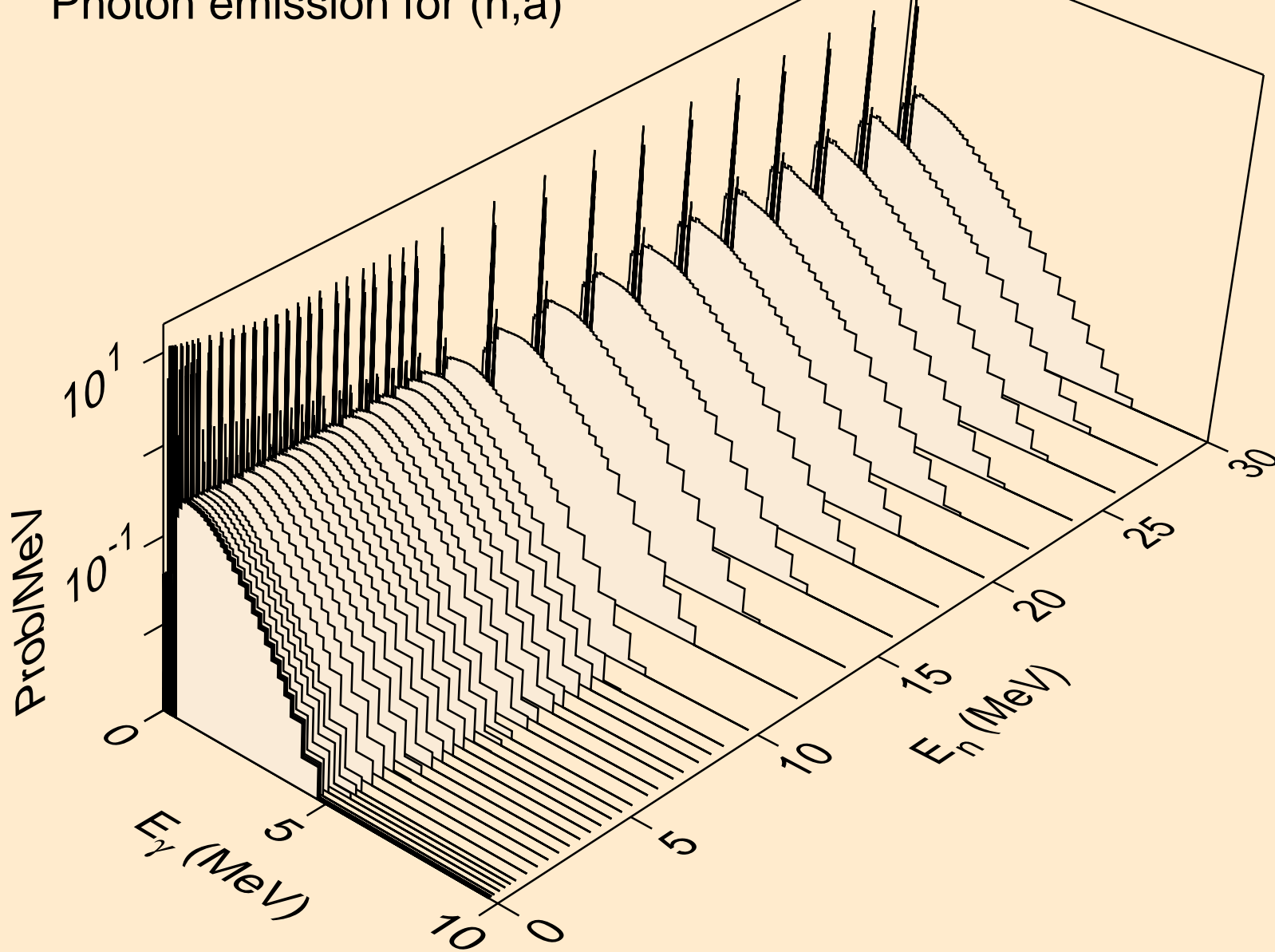
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



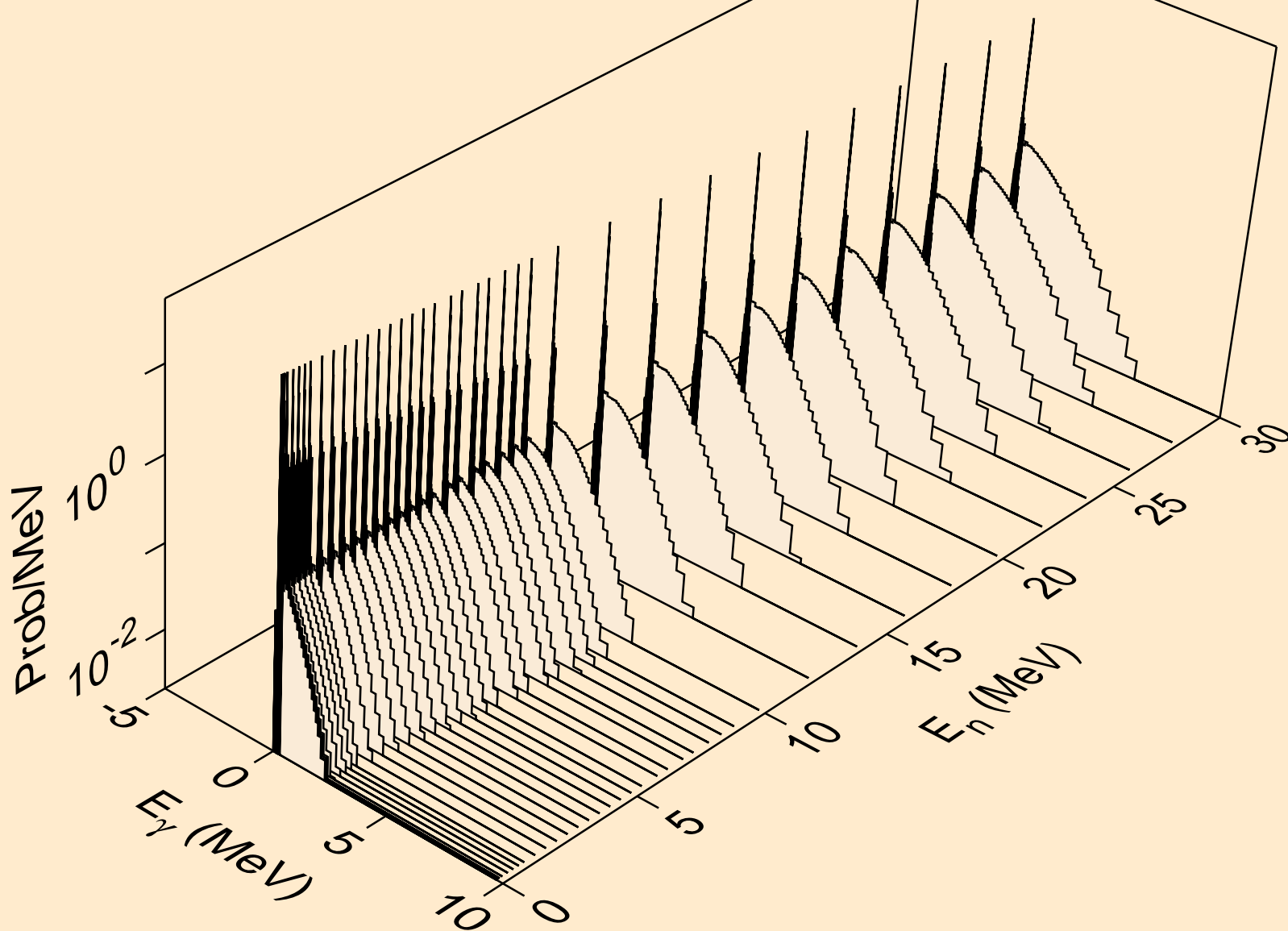
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



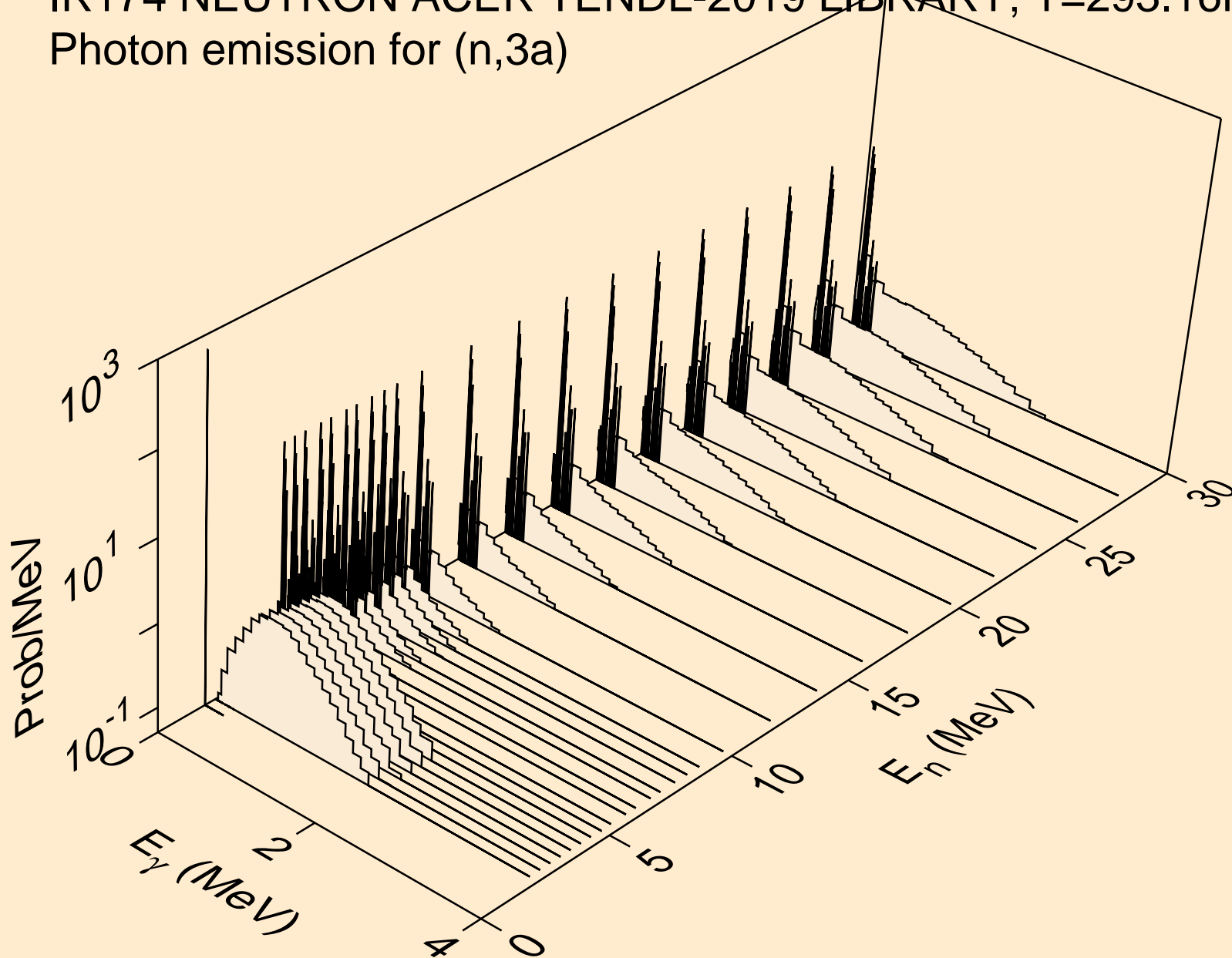
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



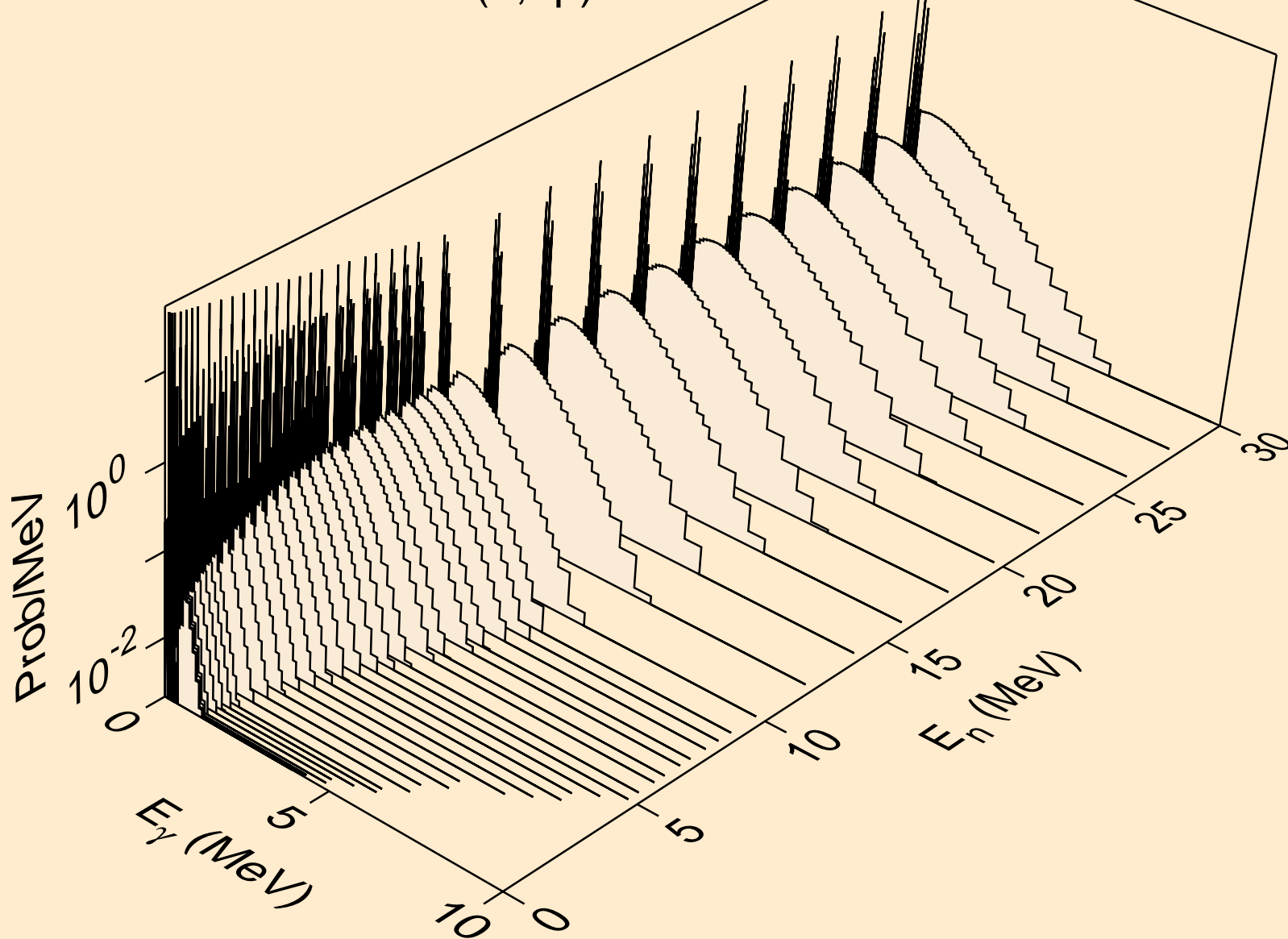
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



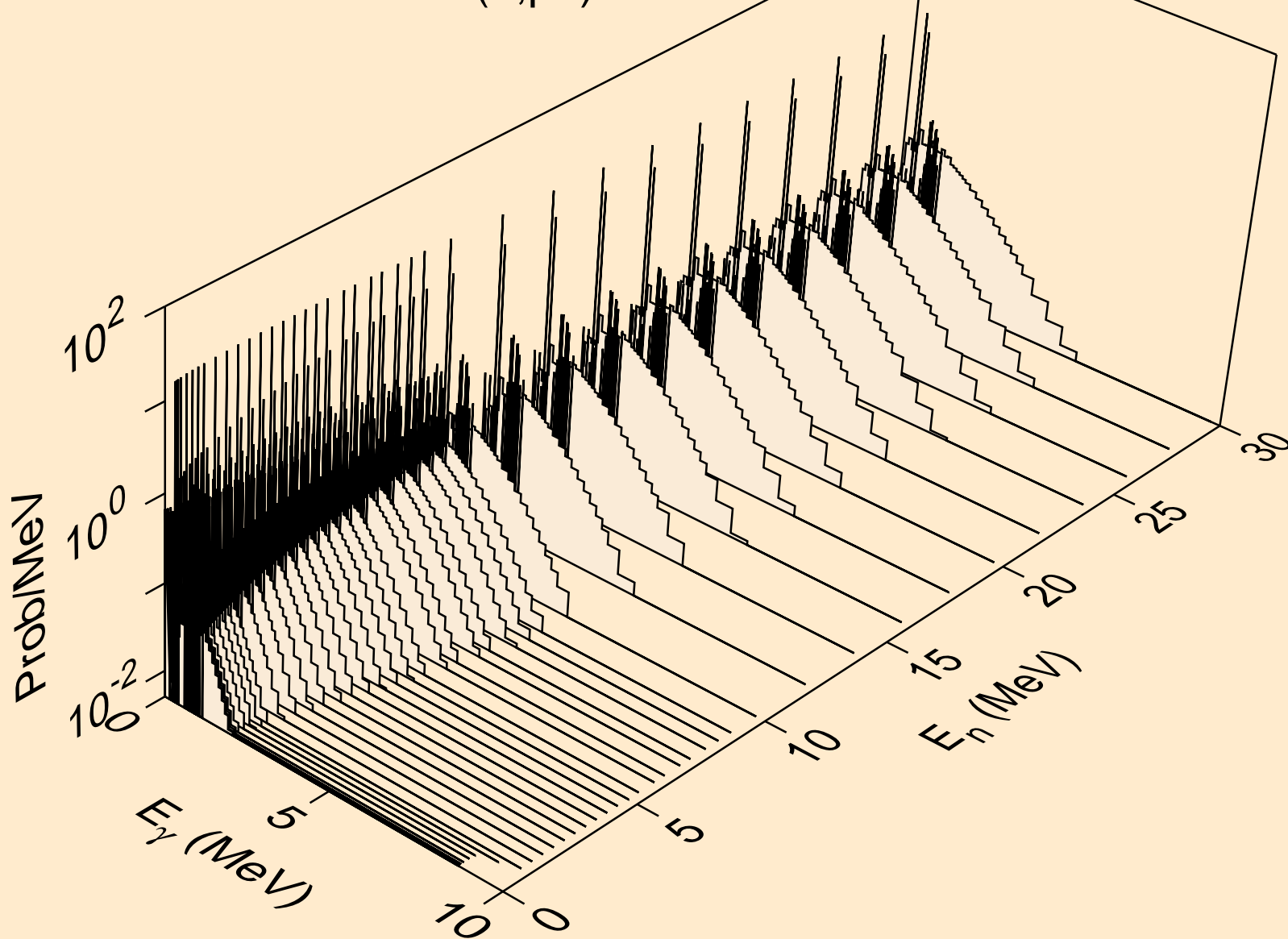
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



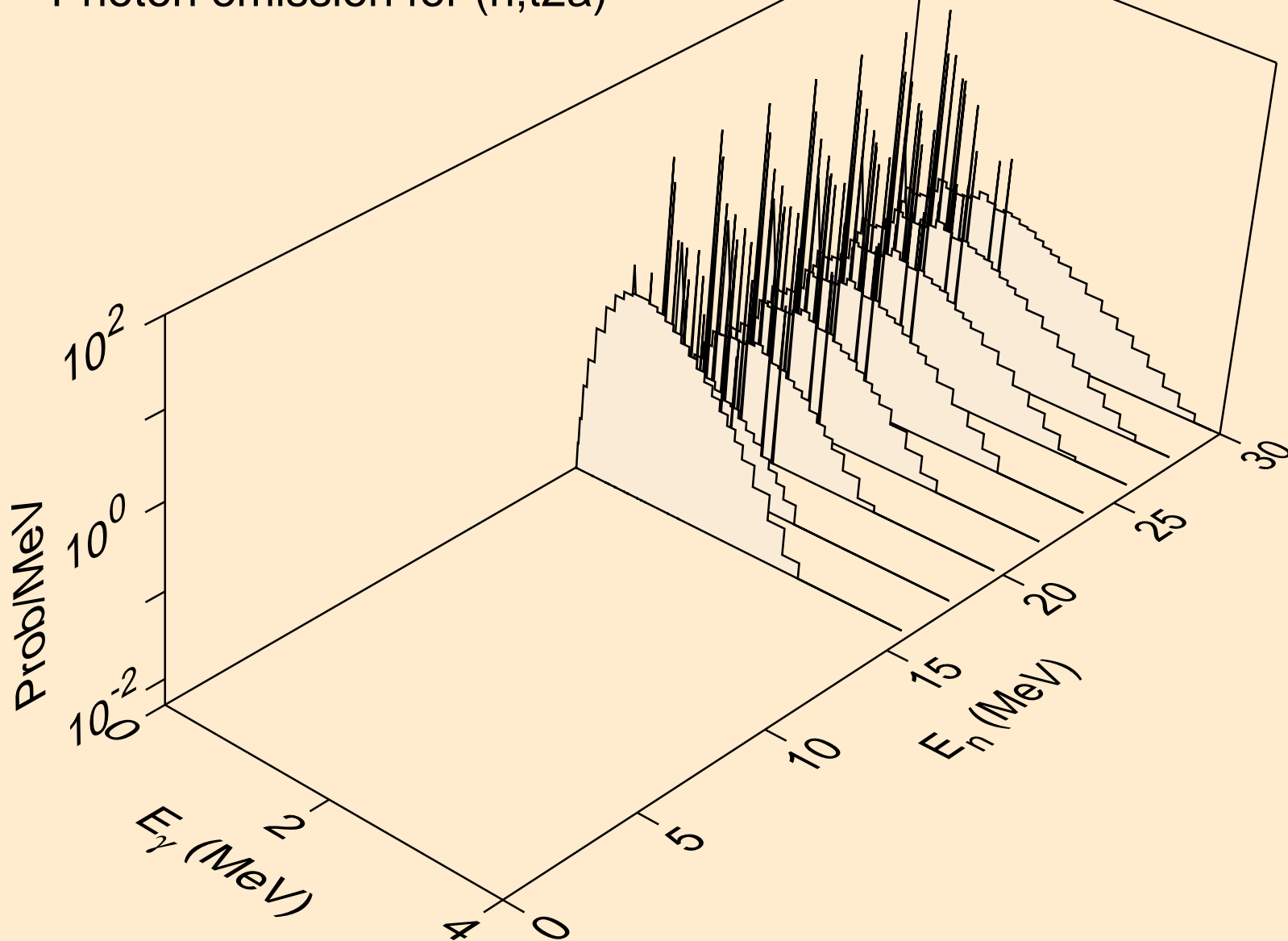
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



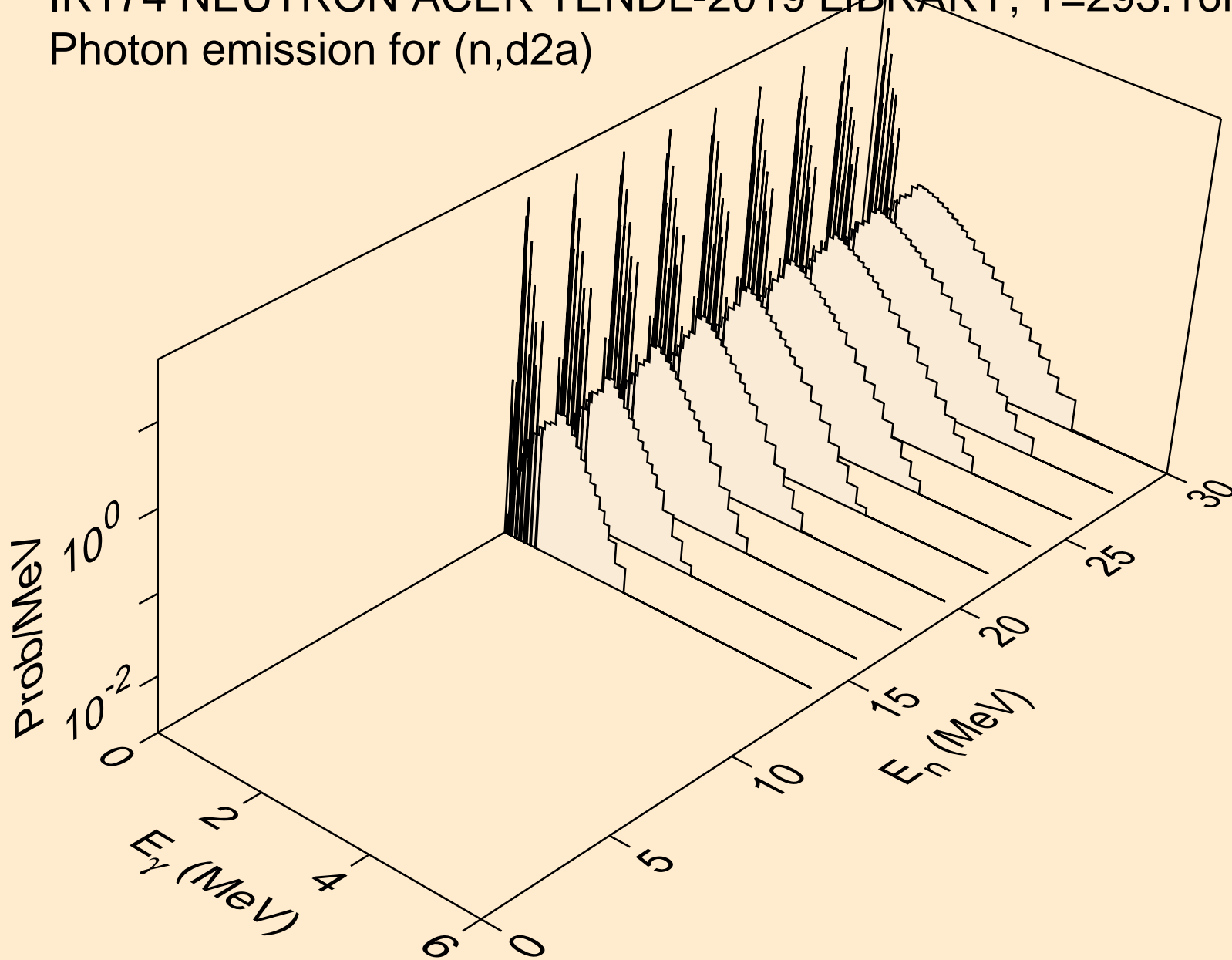
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



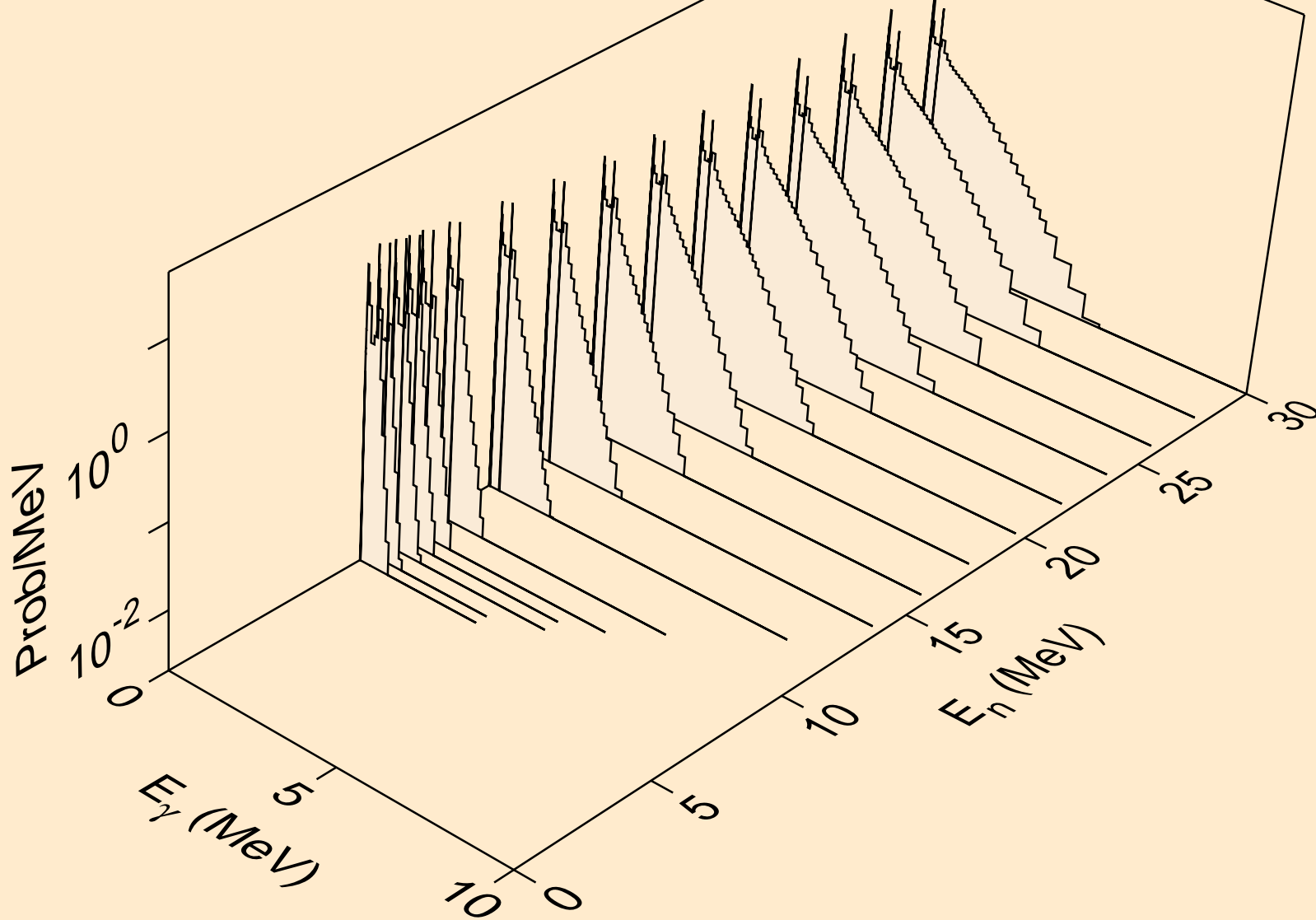
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t2a)



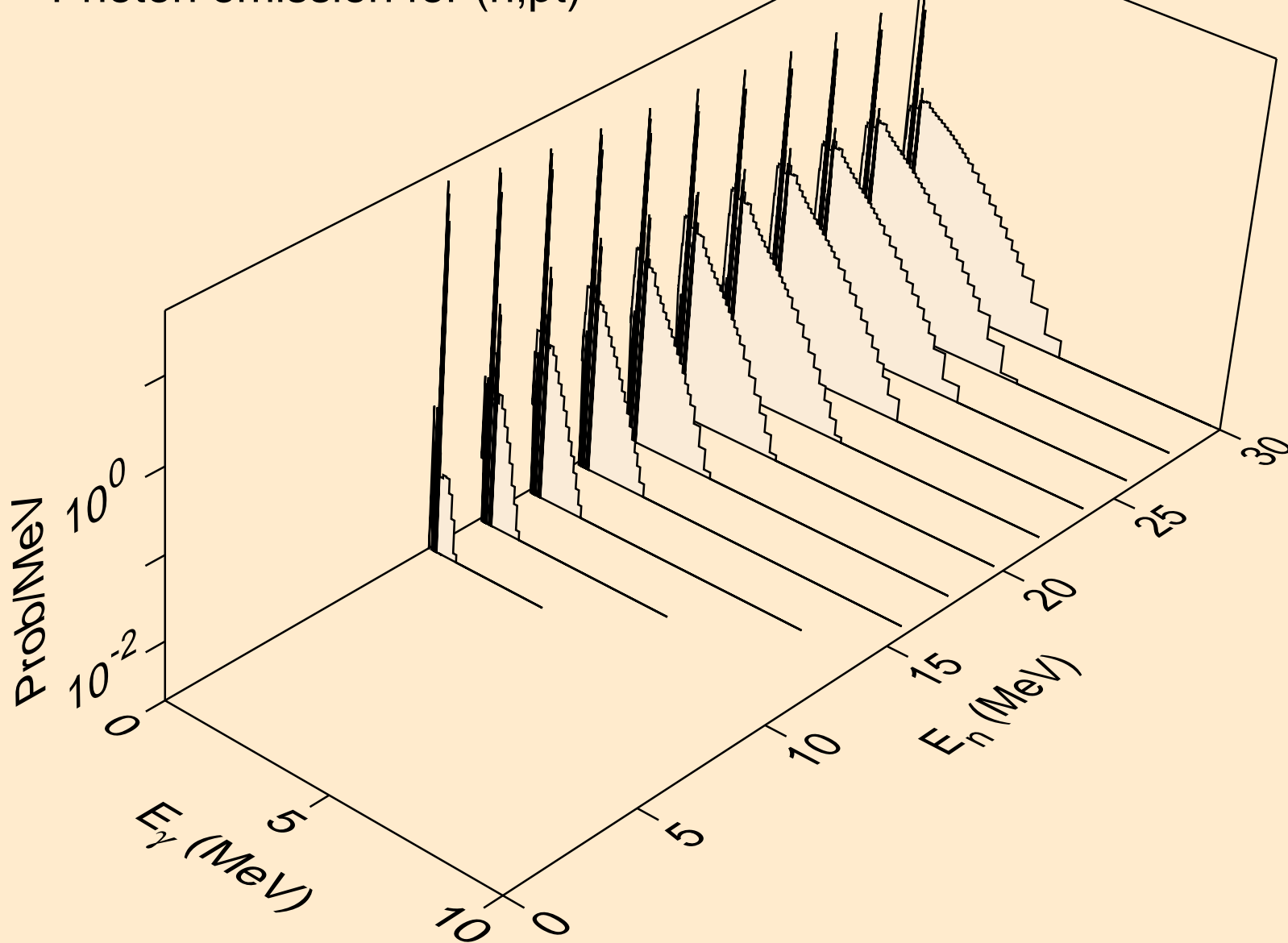
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



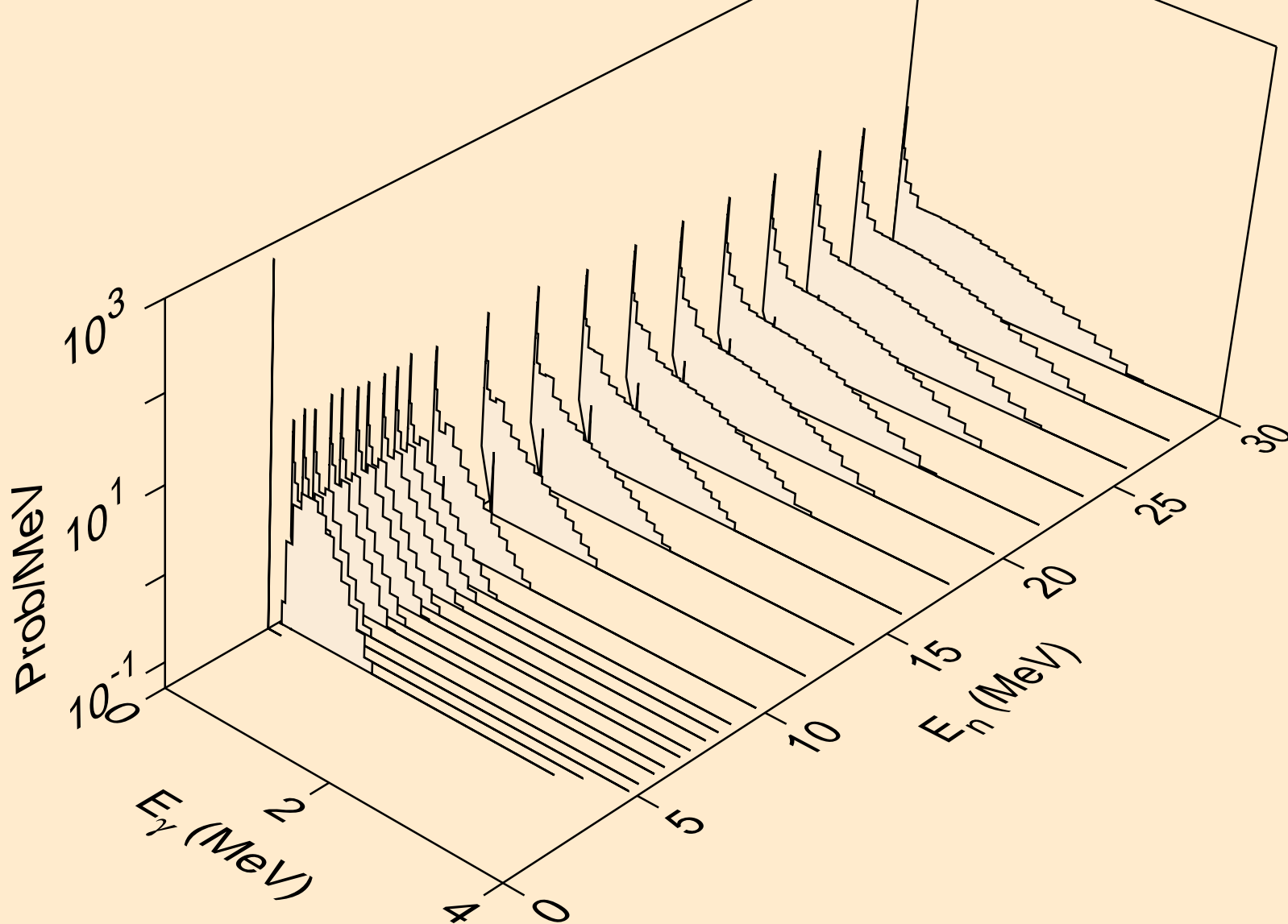
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



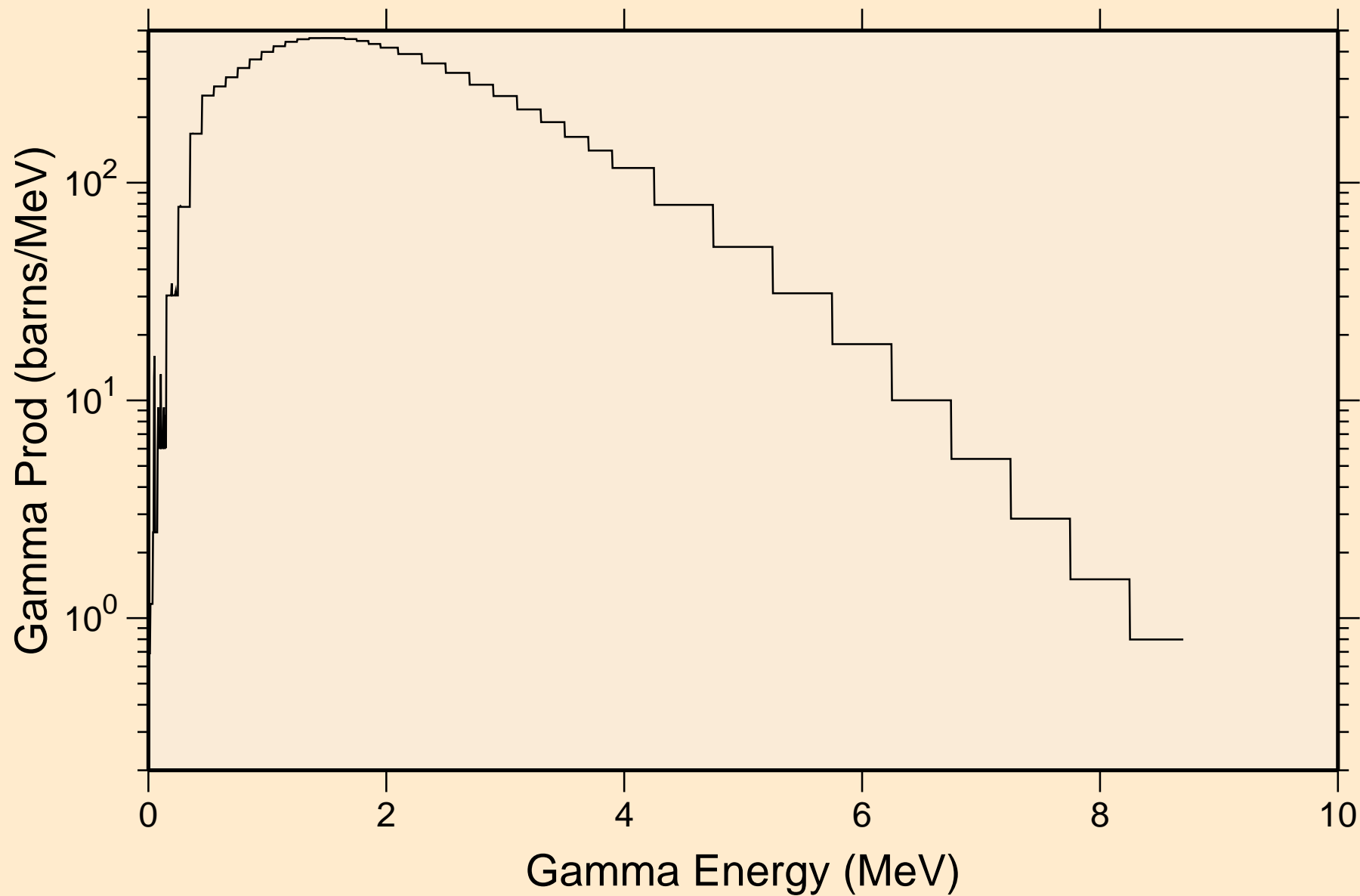
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



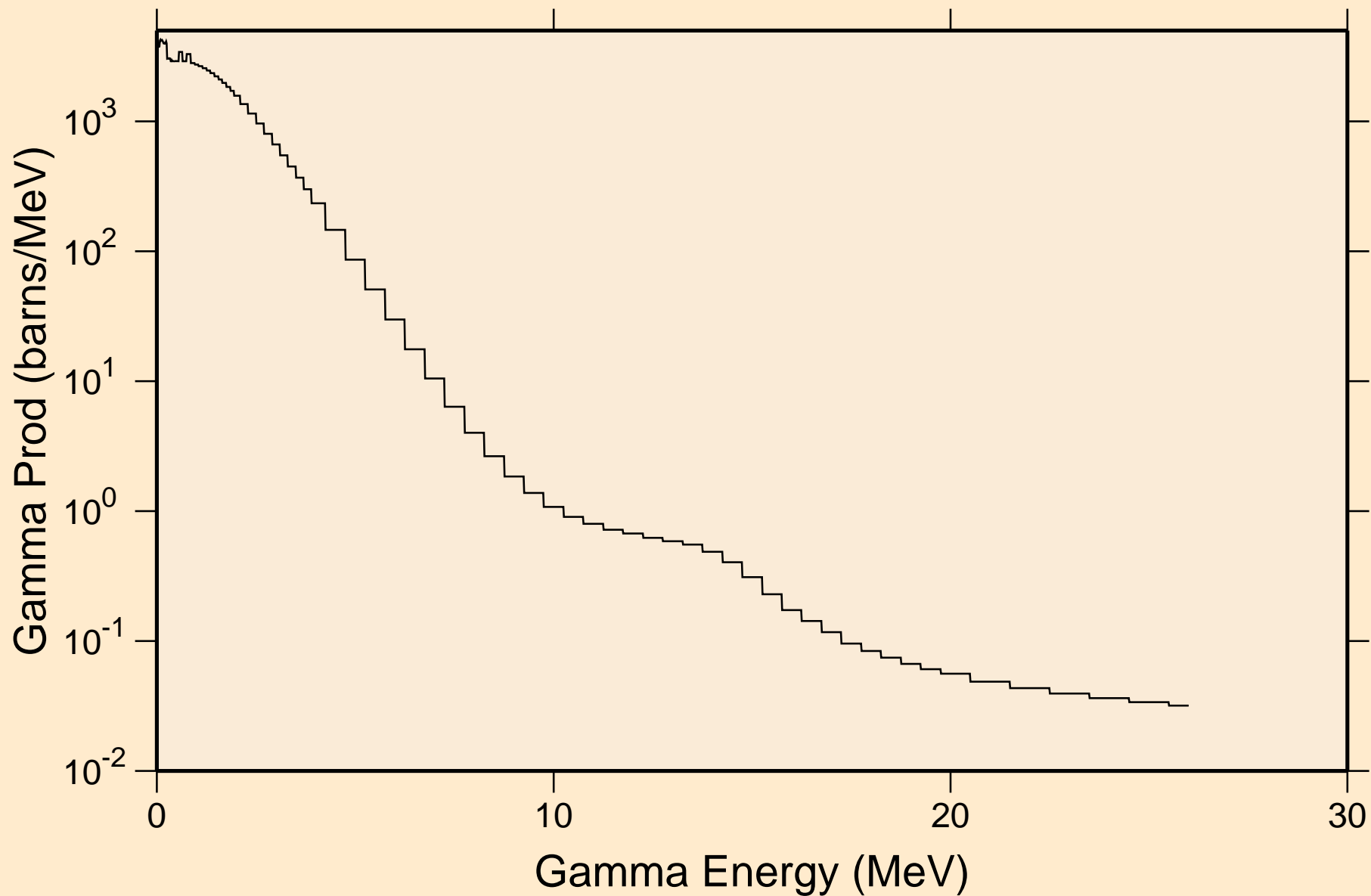
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



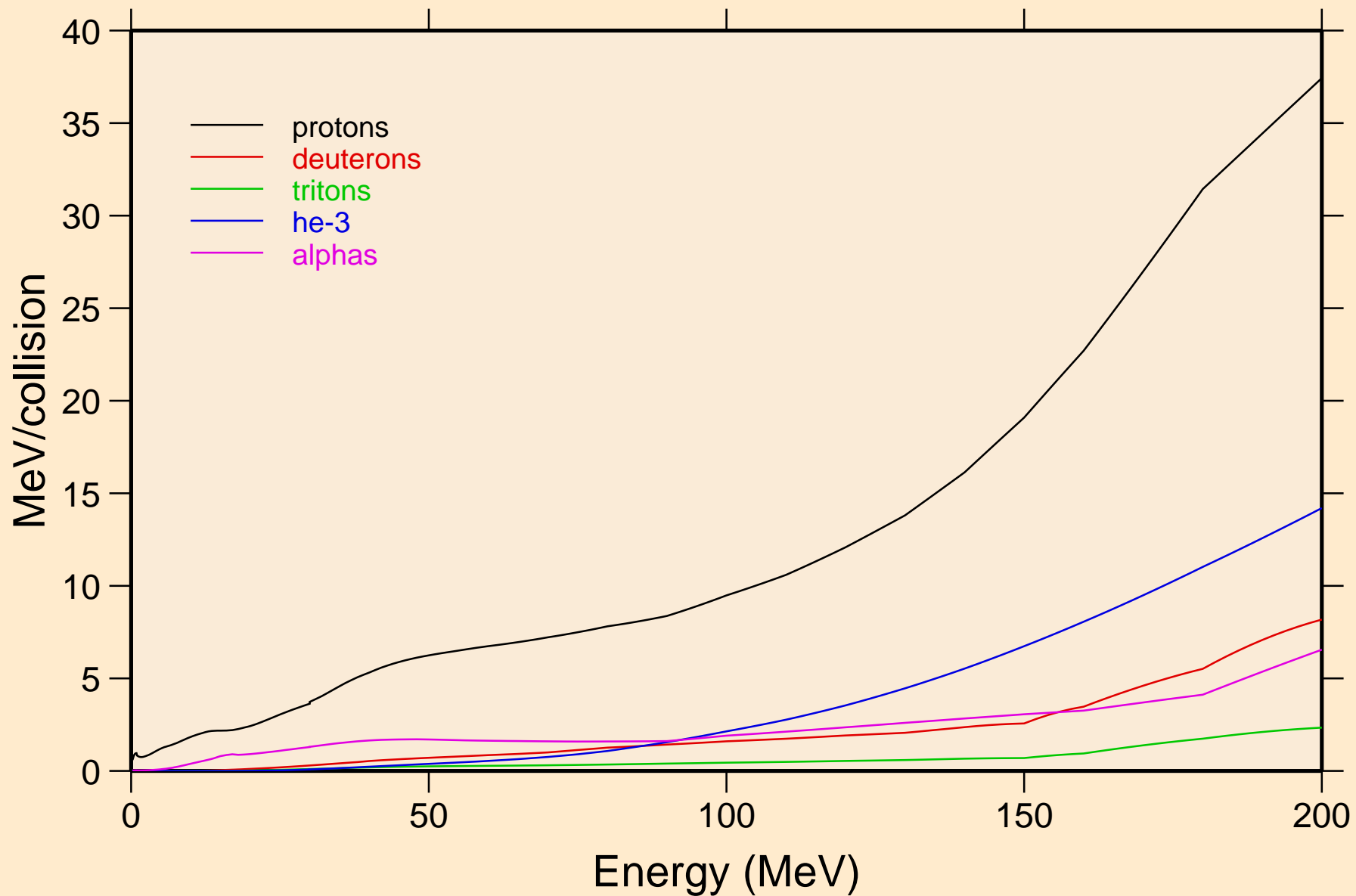
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



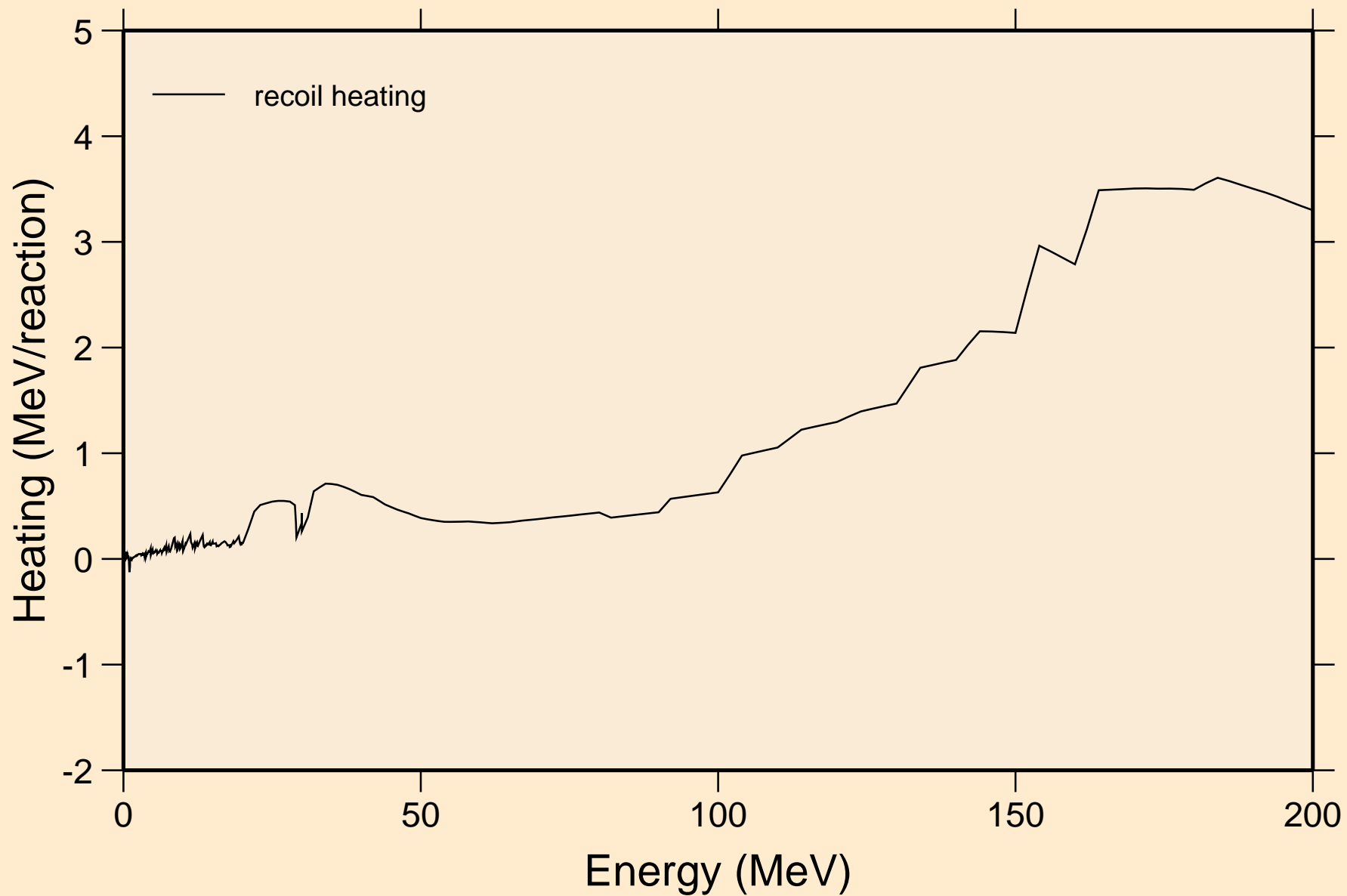
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



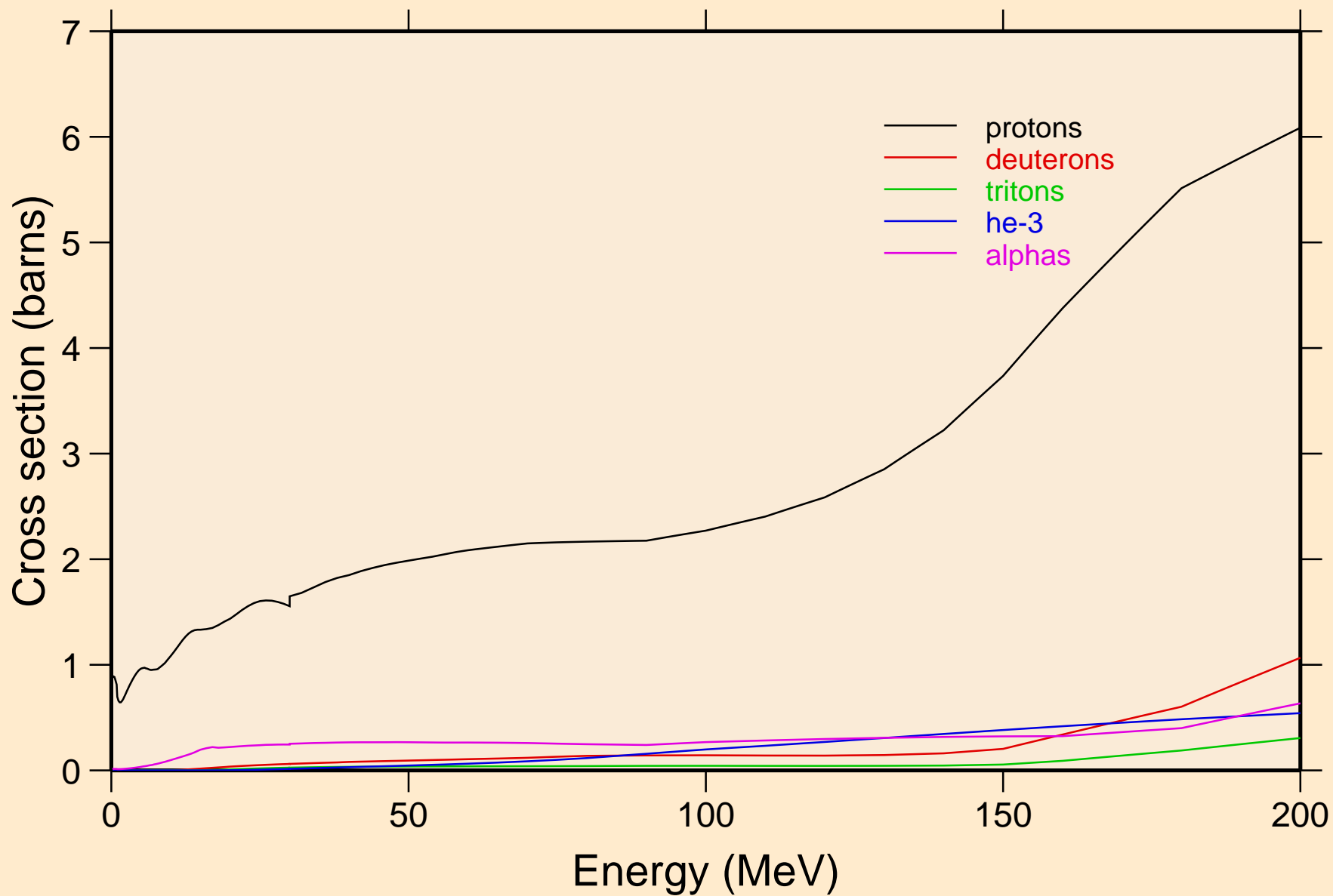
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



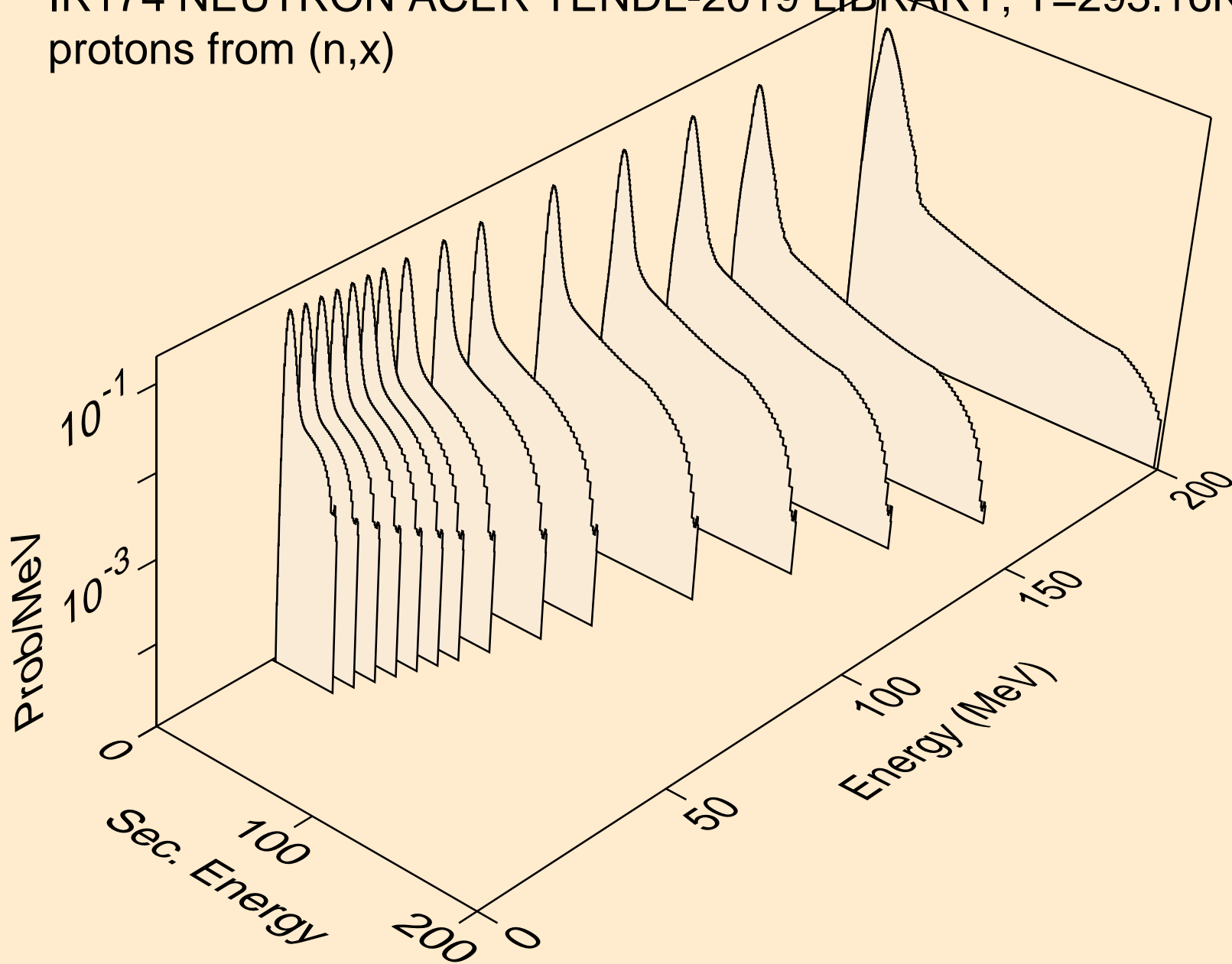
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



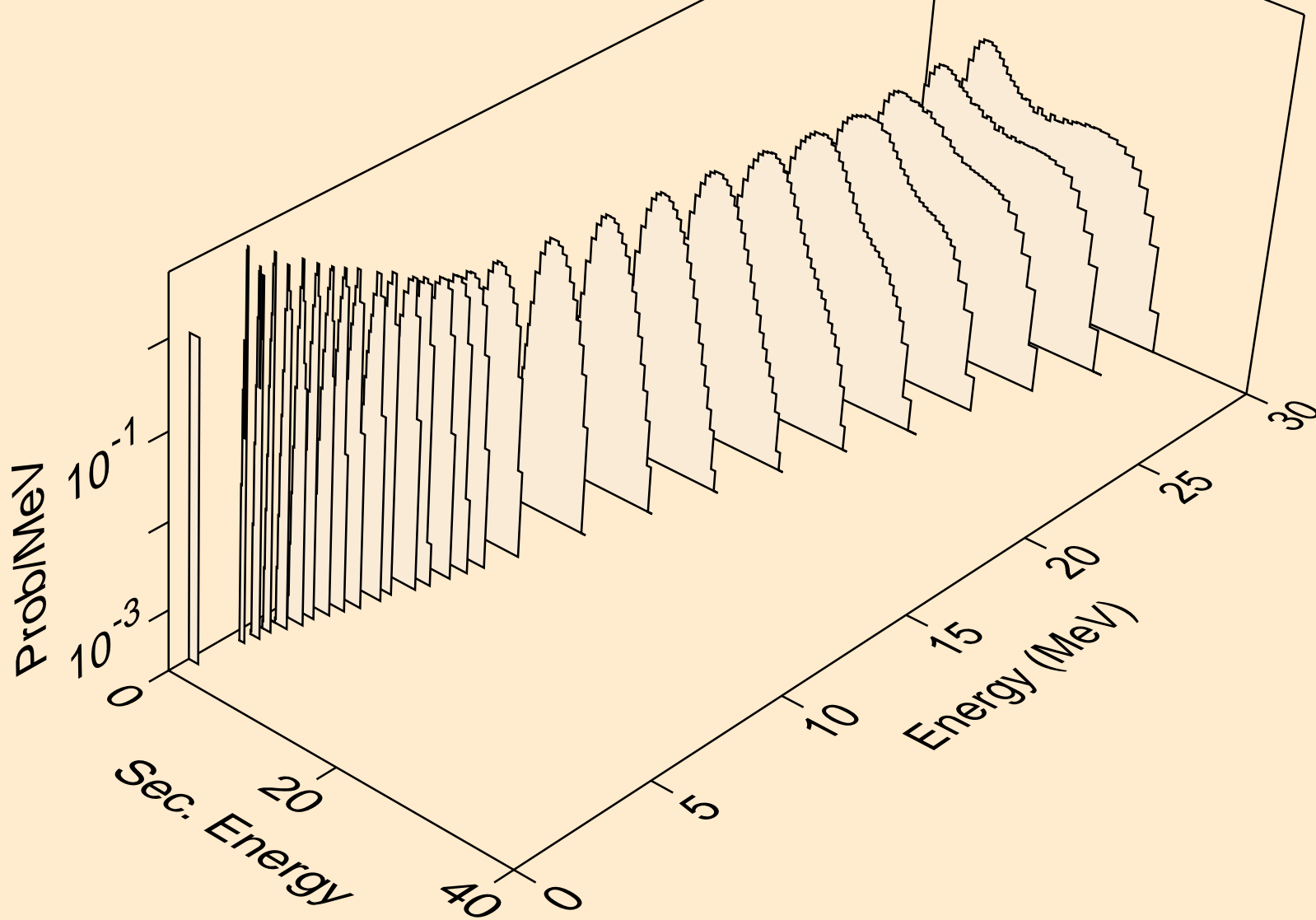
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



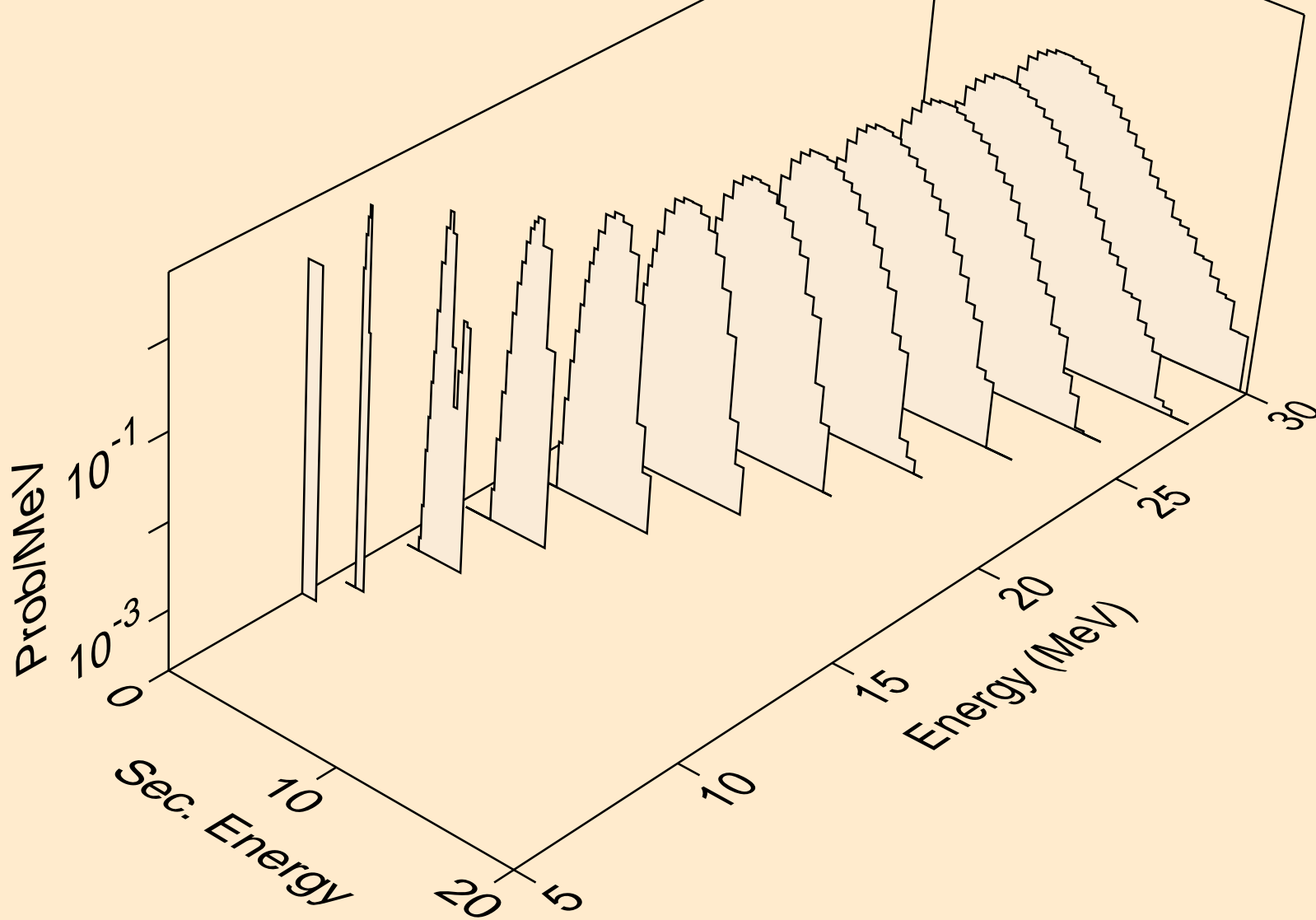
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



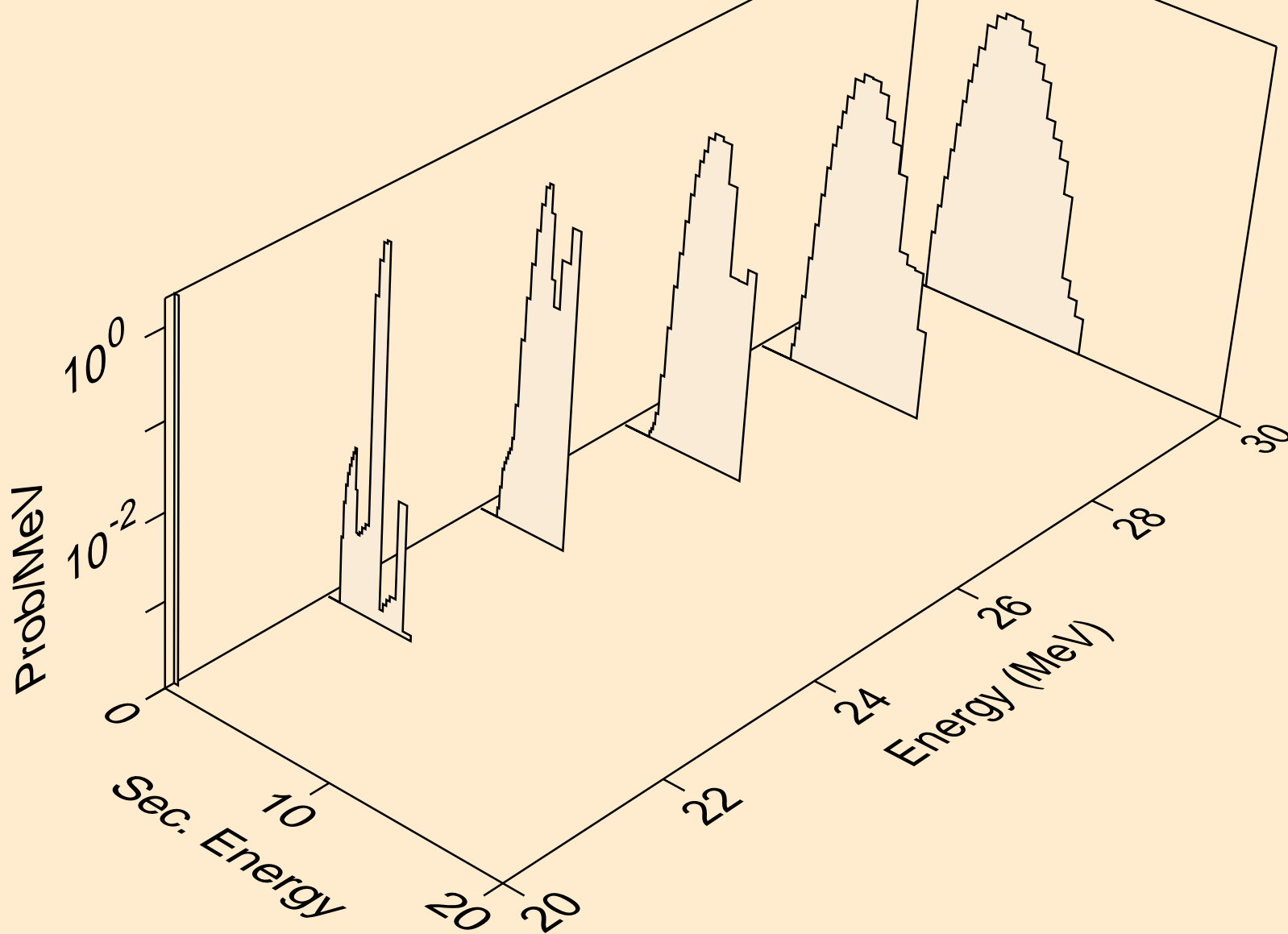
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



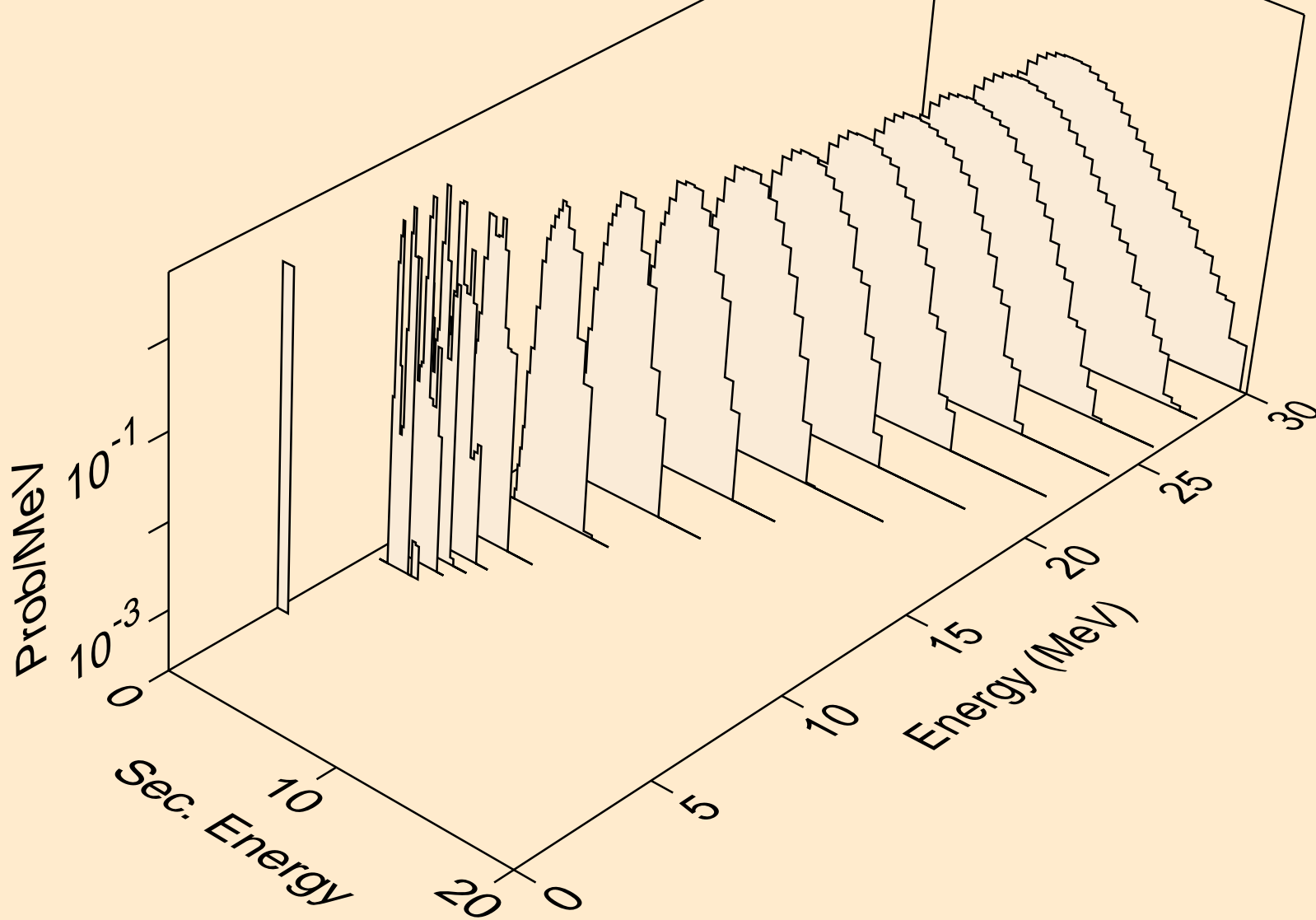
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



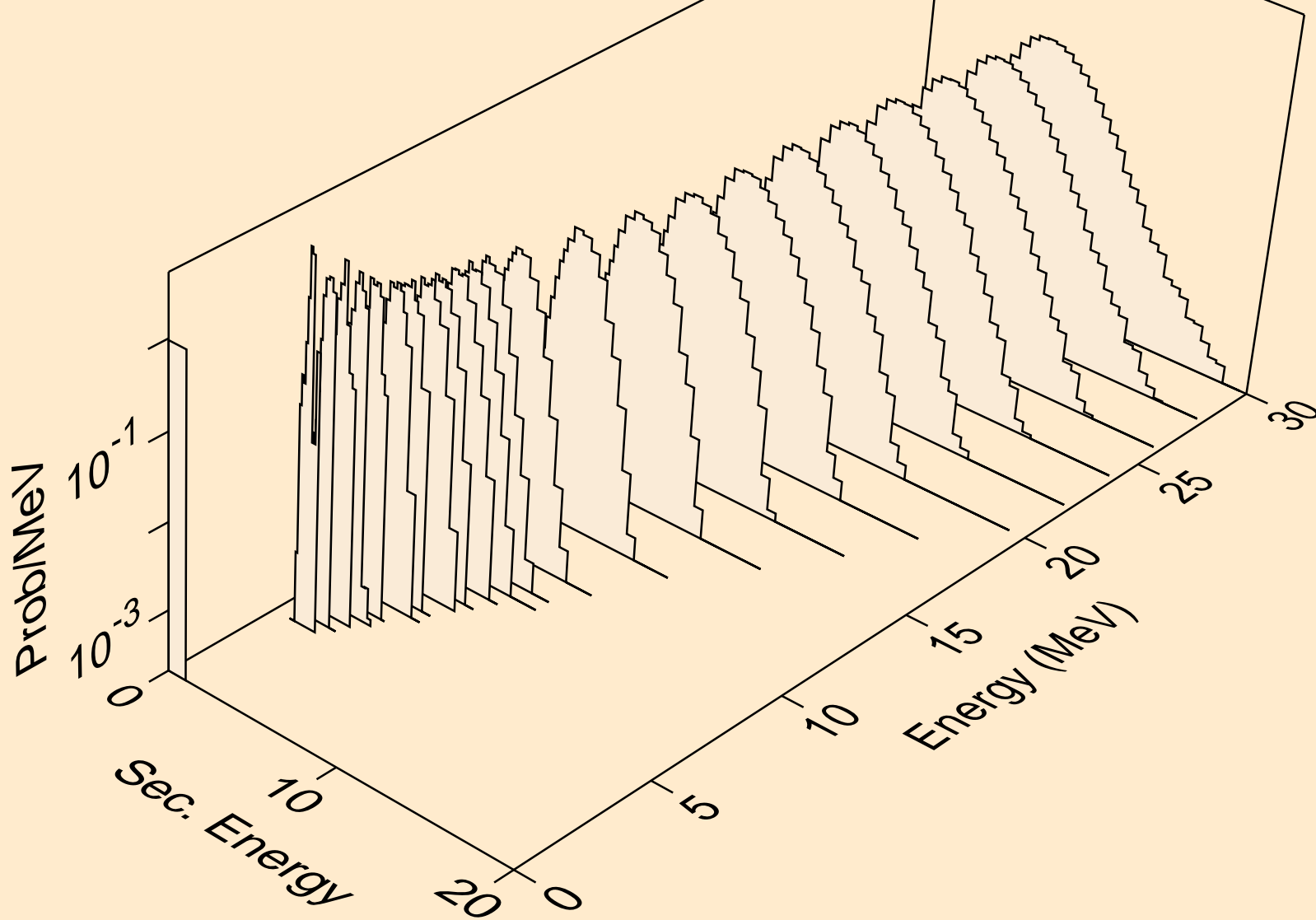
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



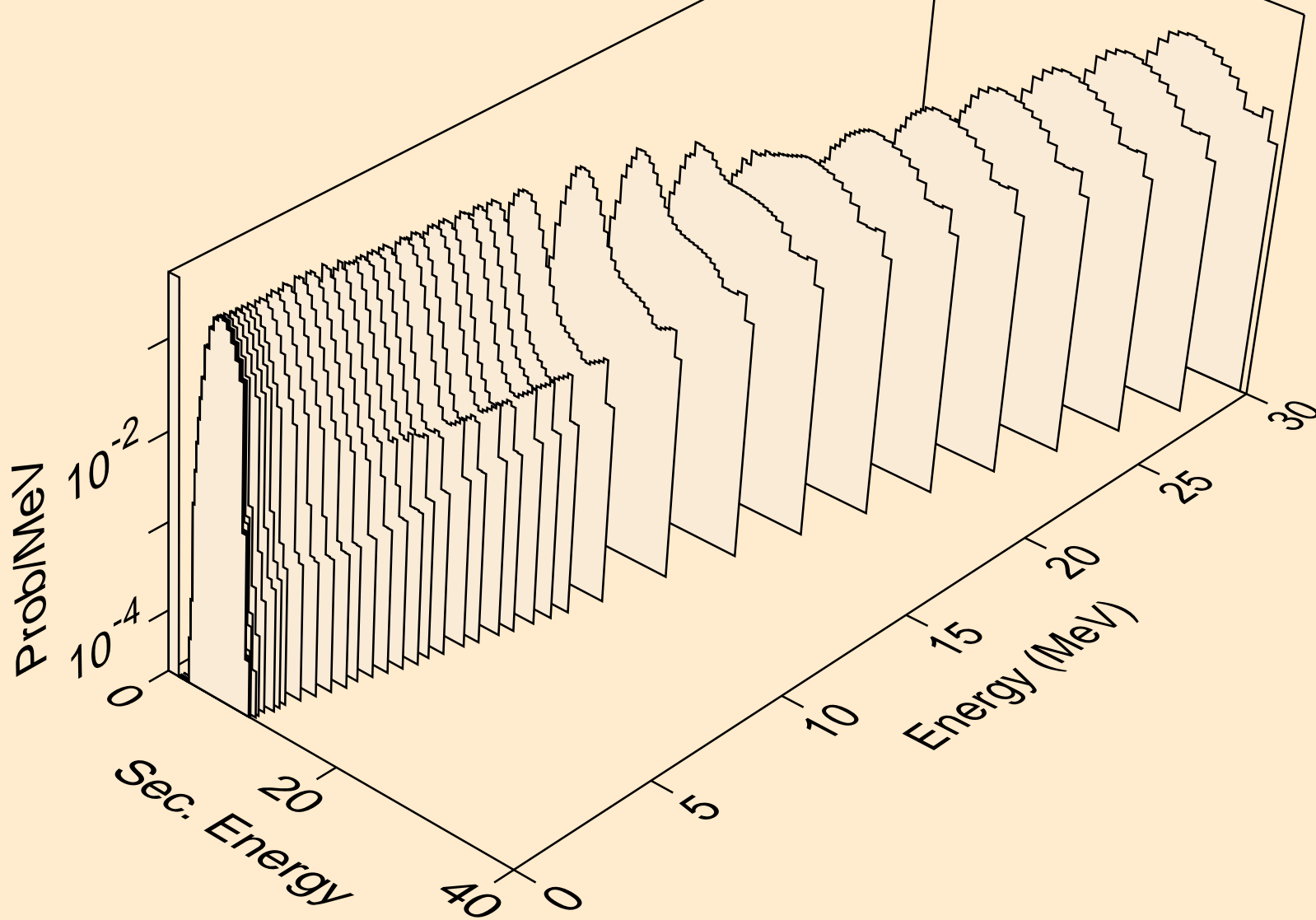
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



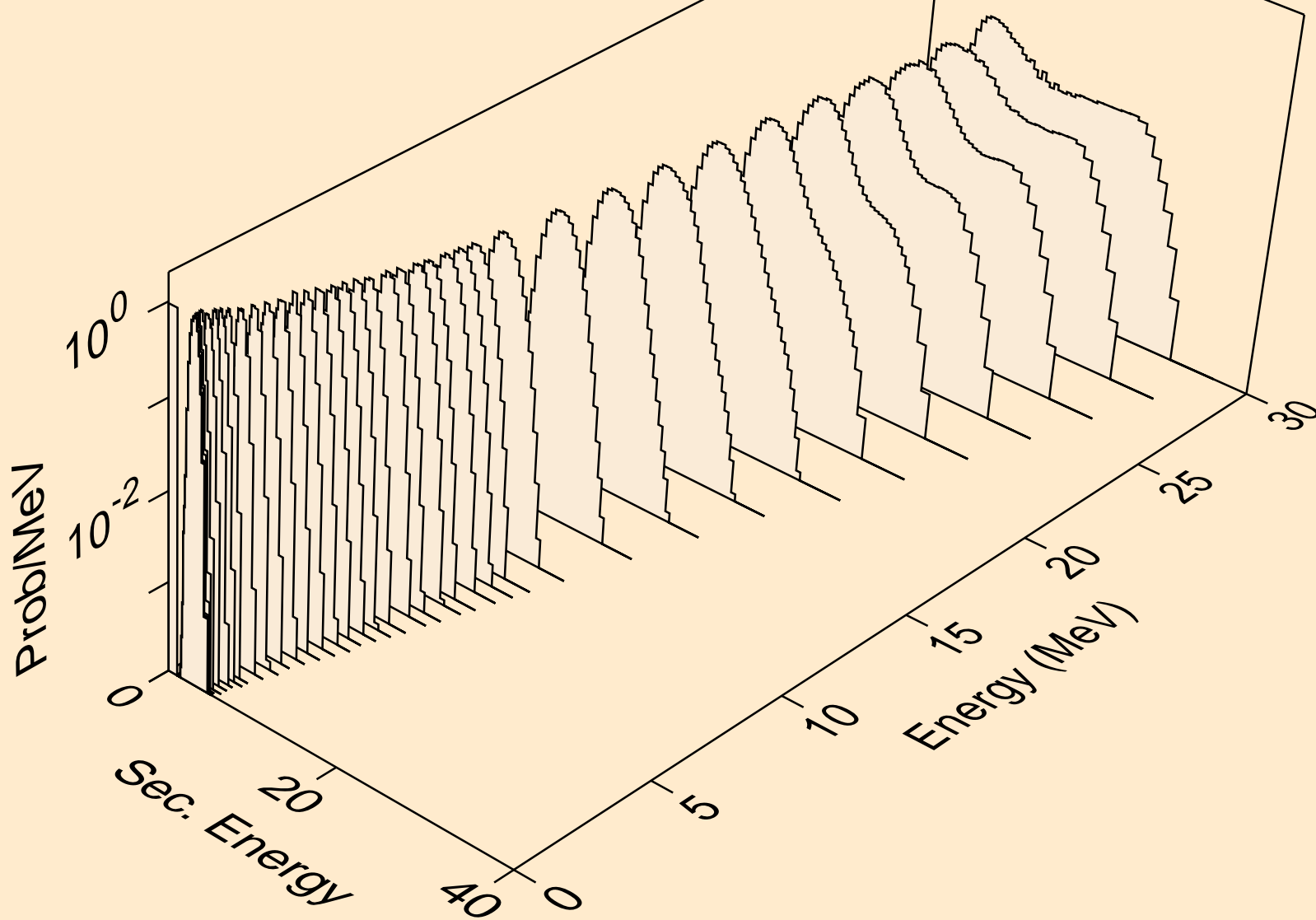
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



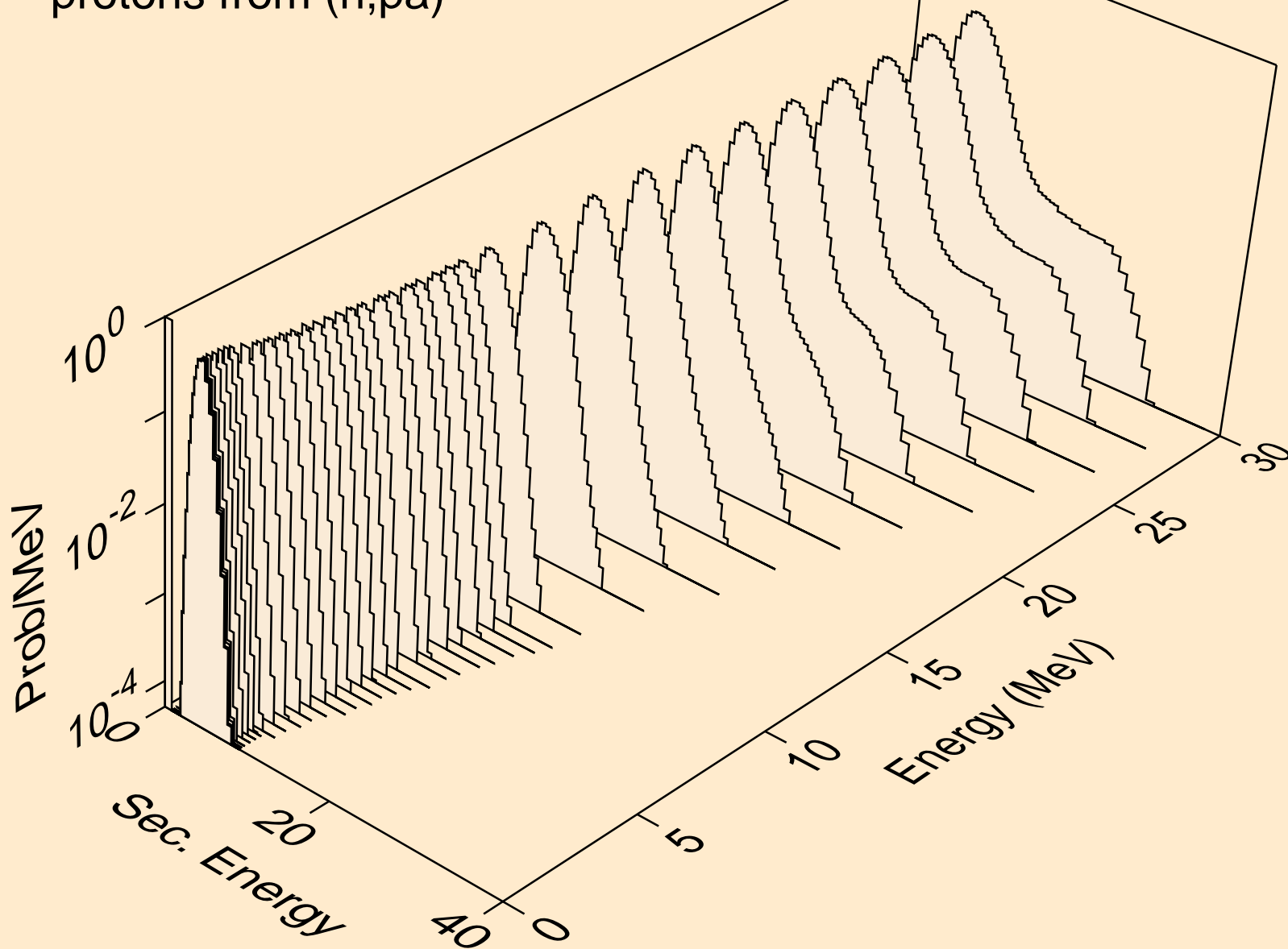
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



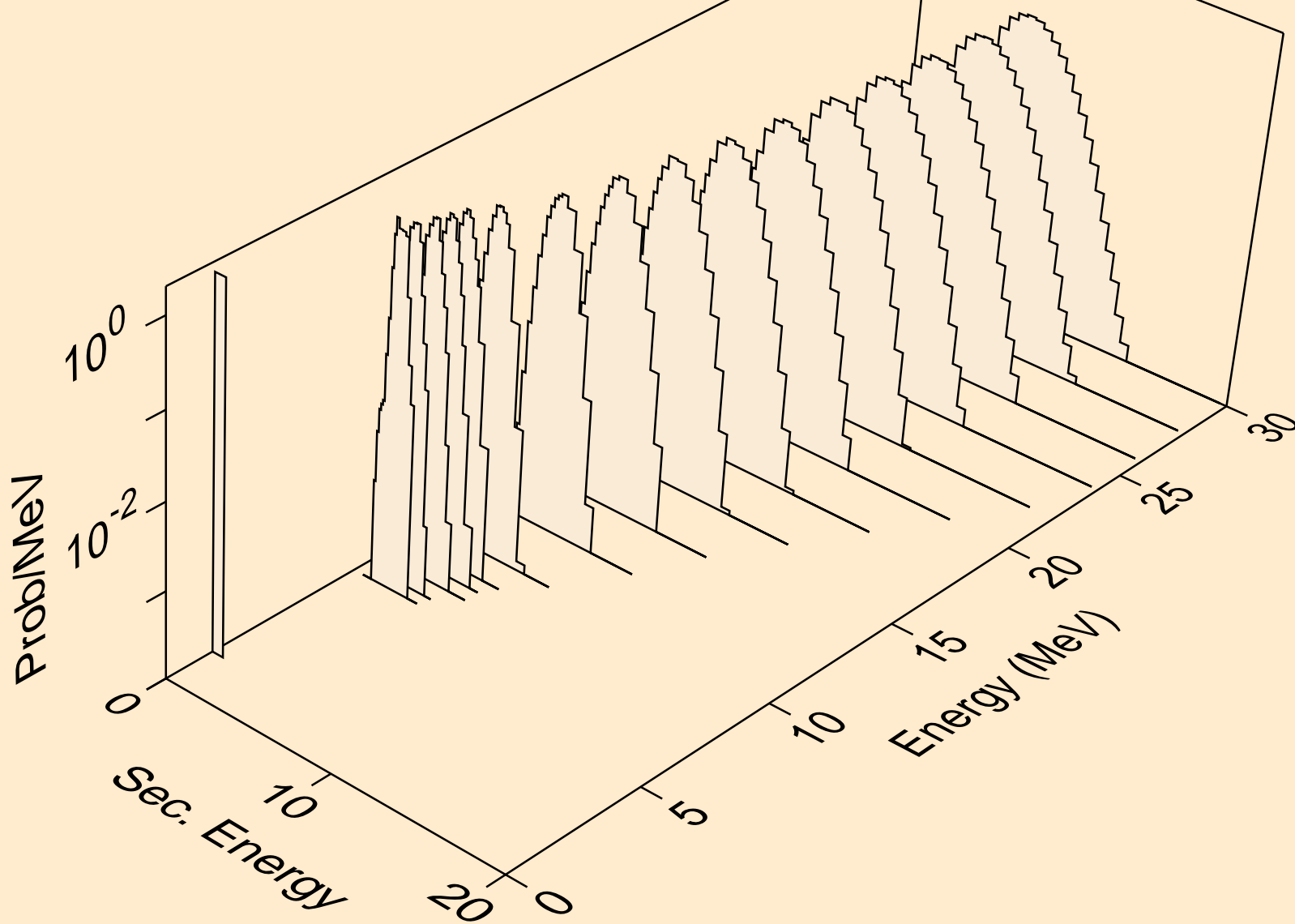
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protons from (n,2p)



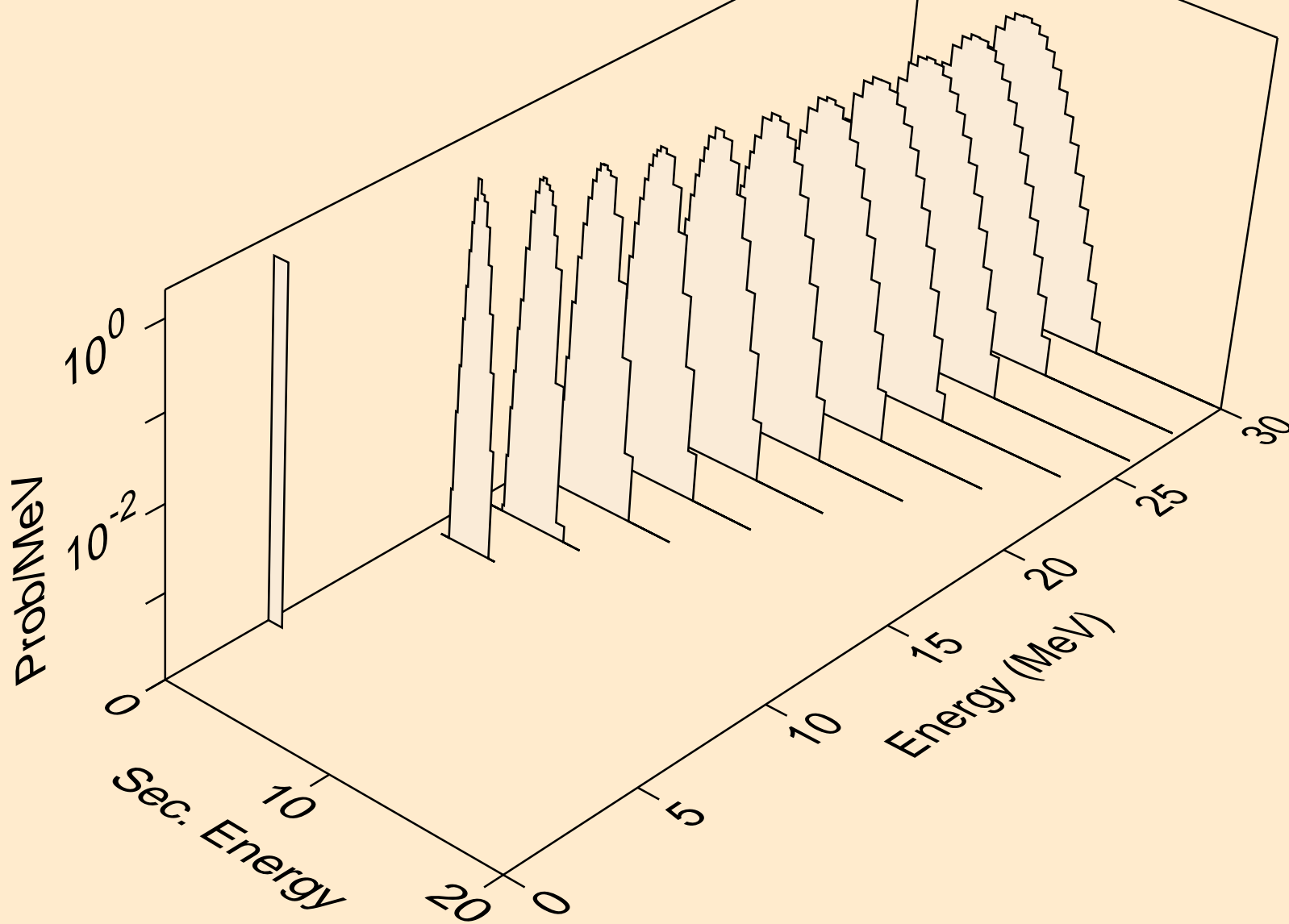
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



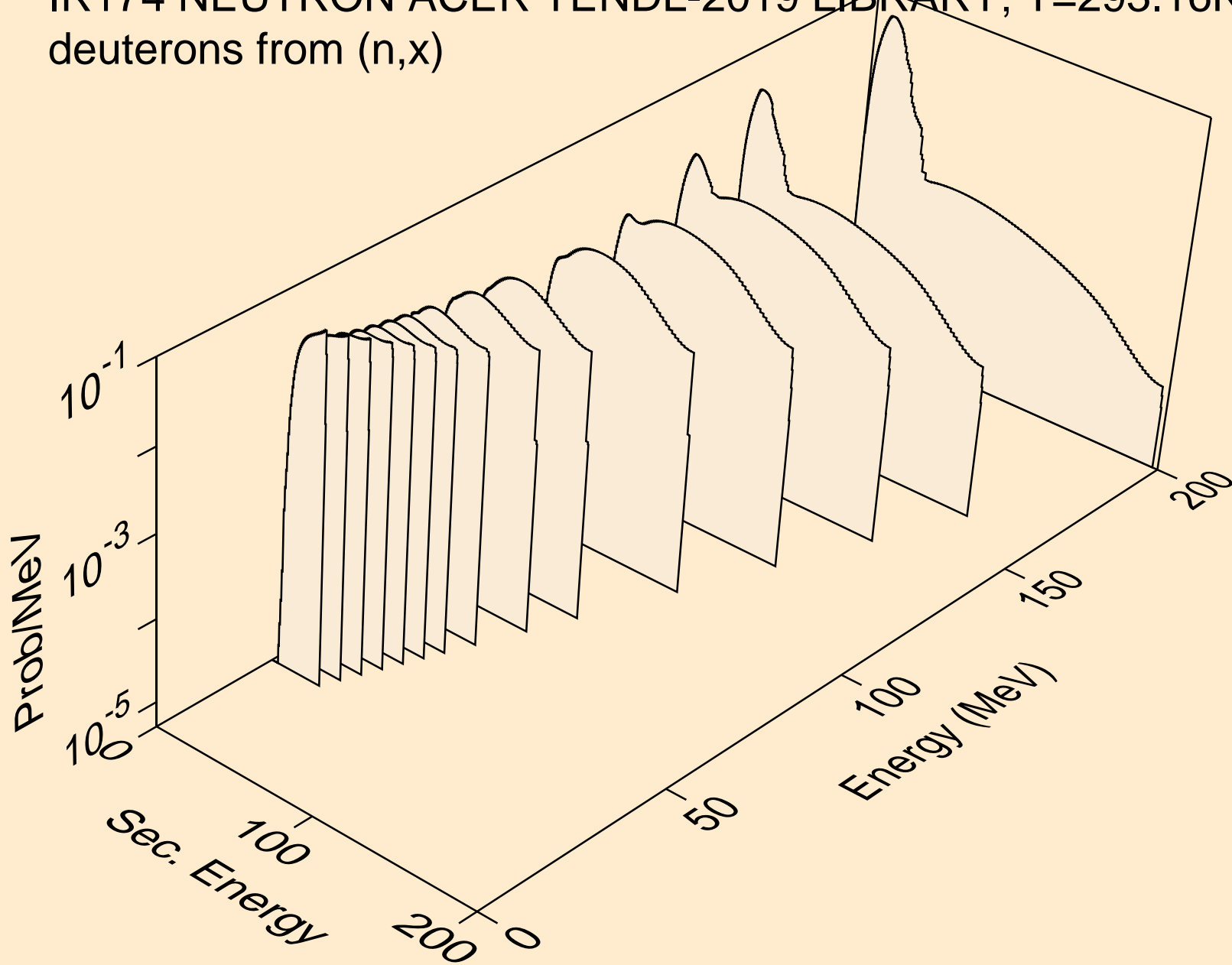
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



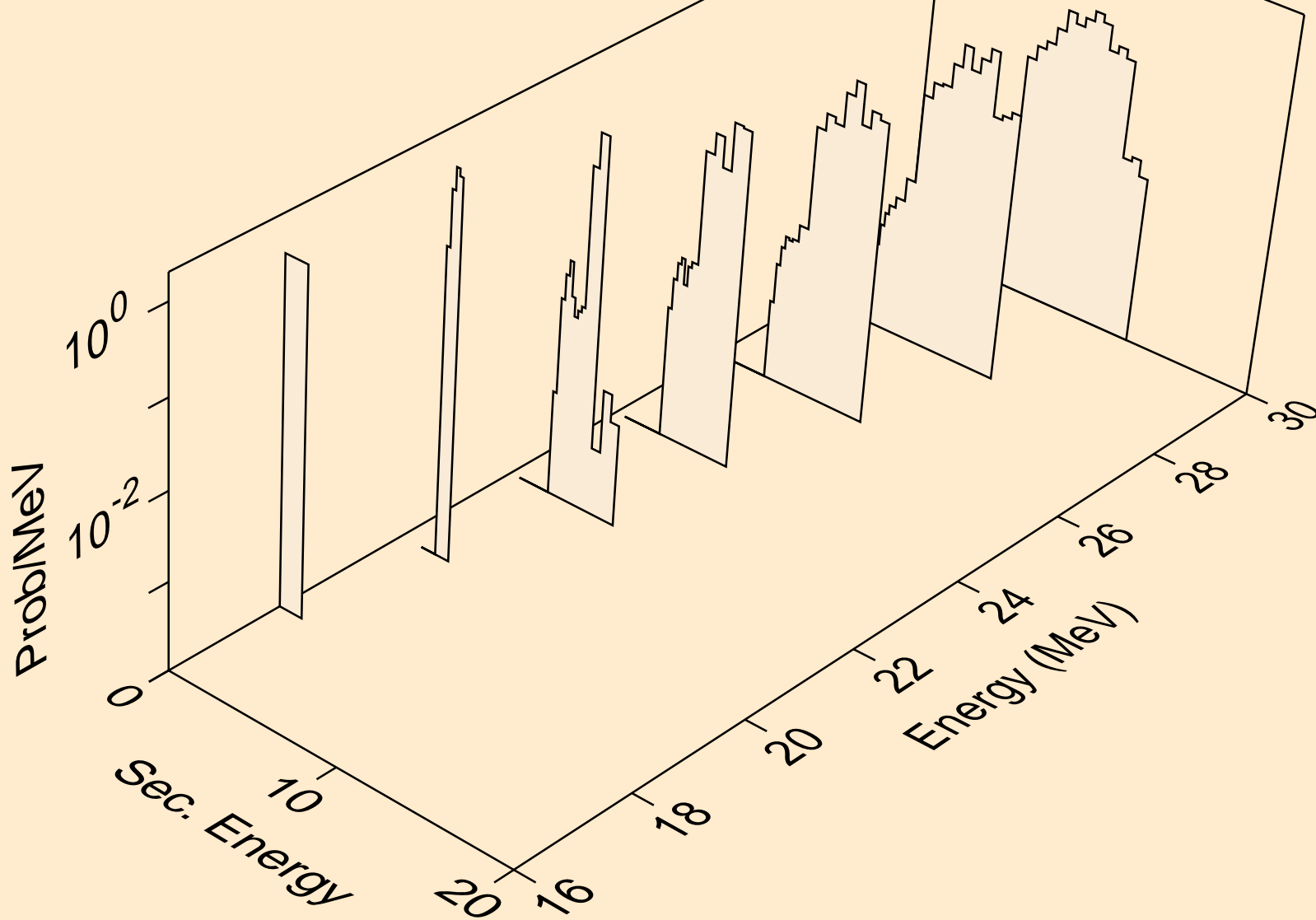
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



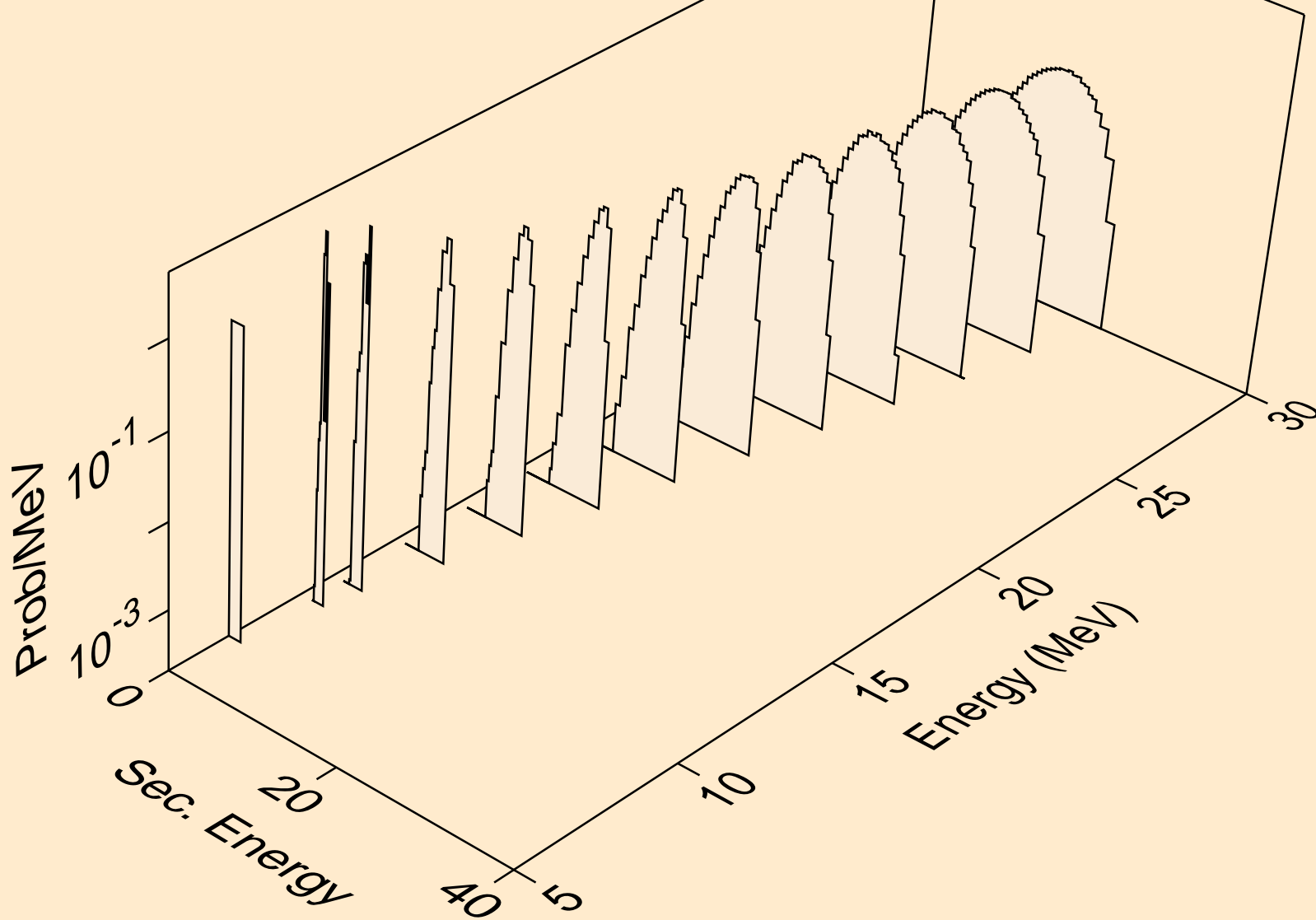
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



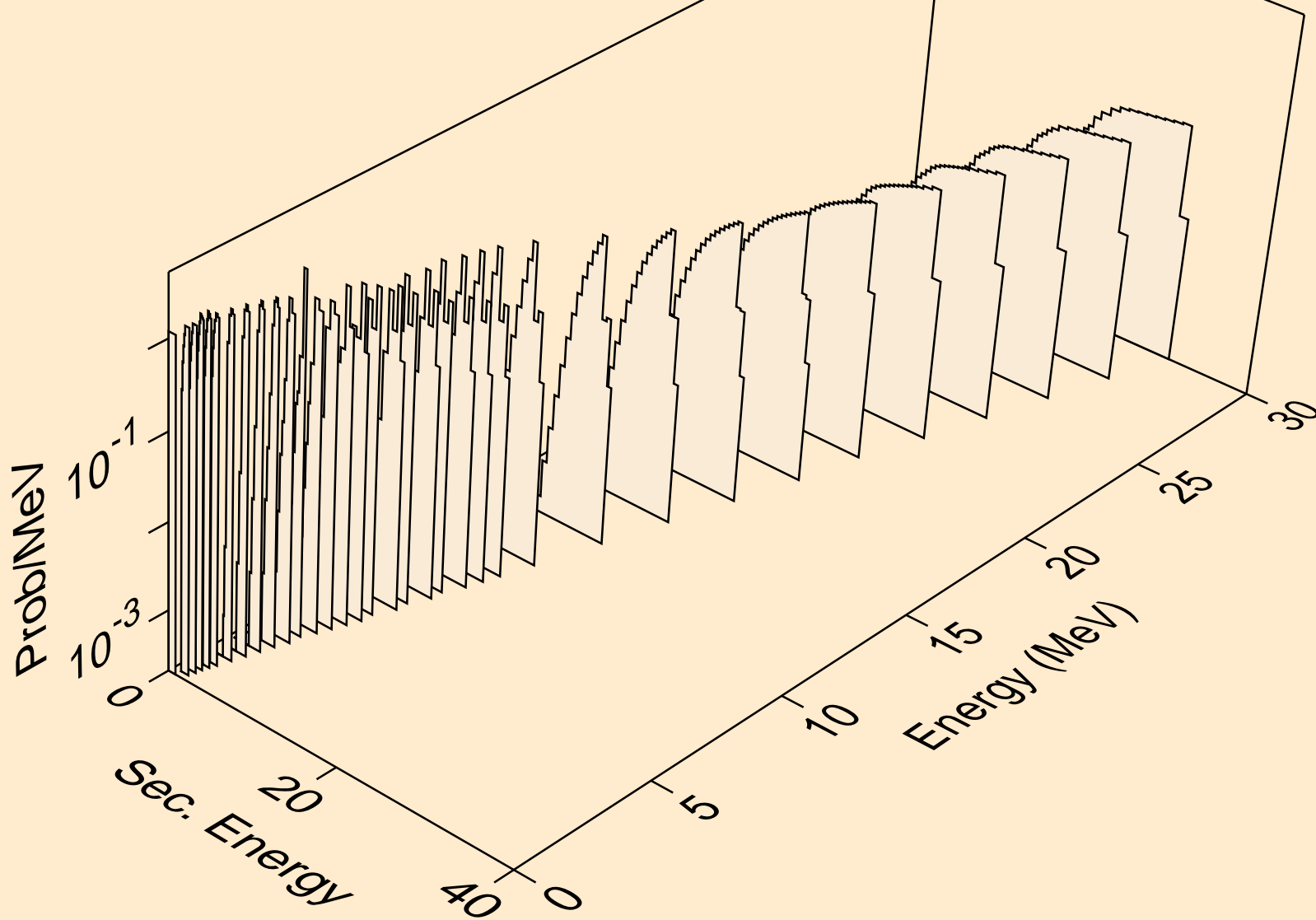
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



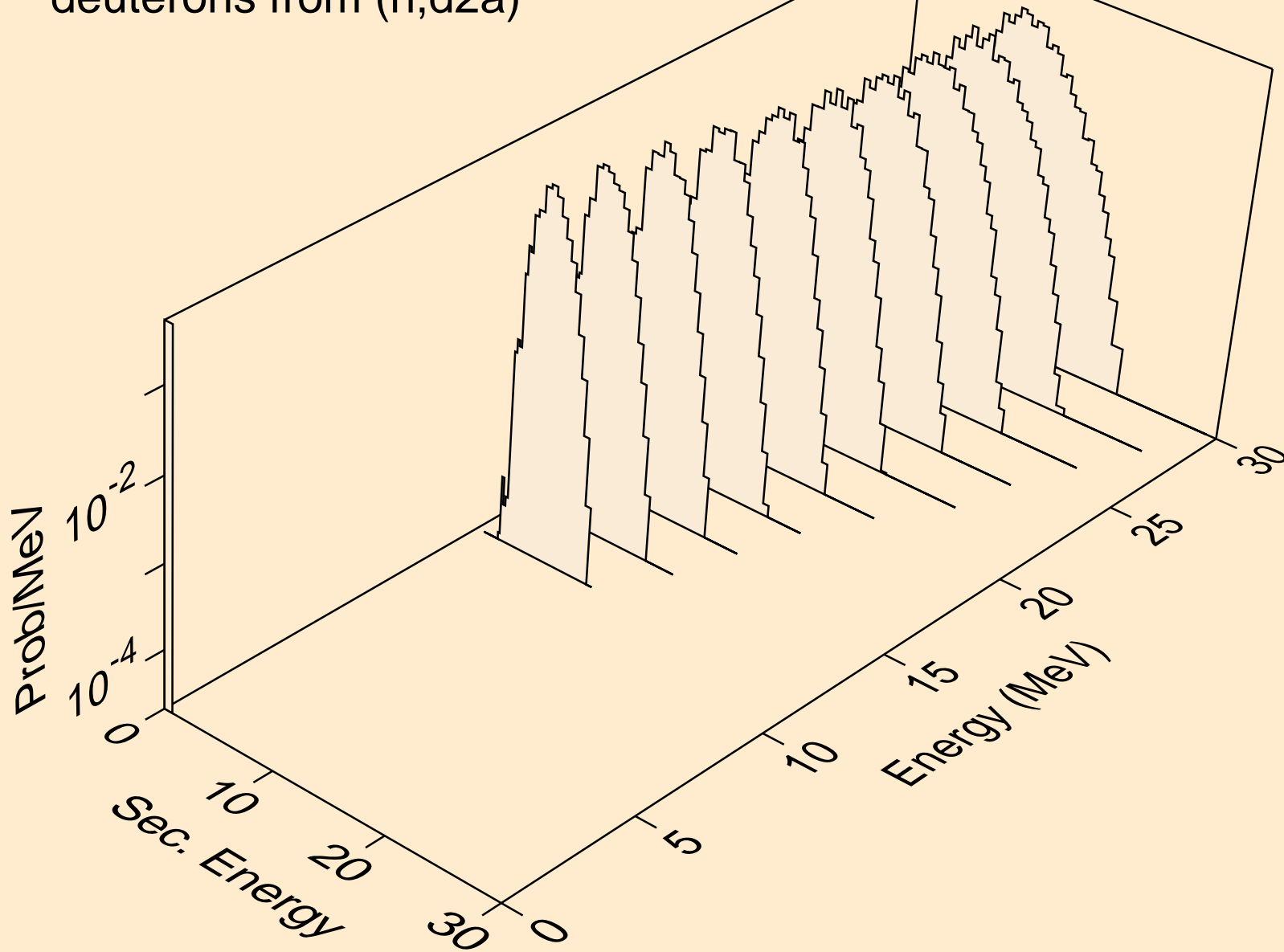
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



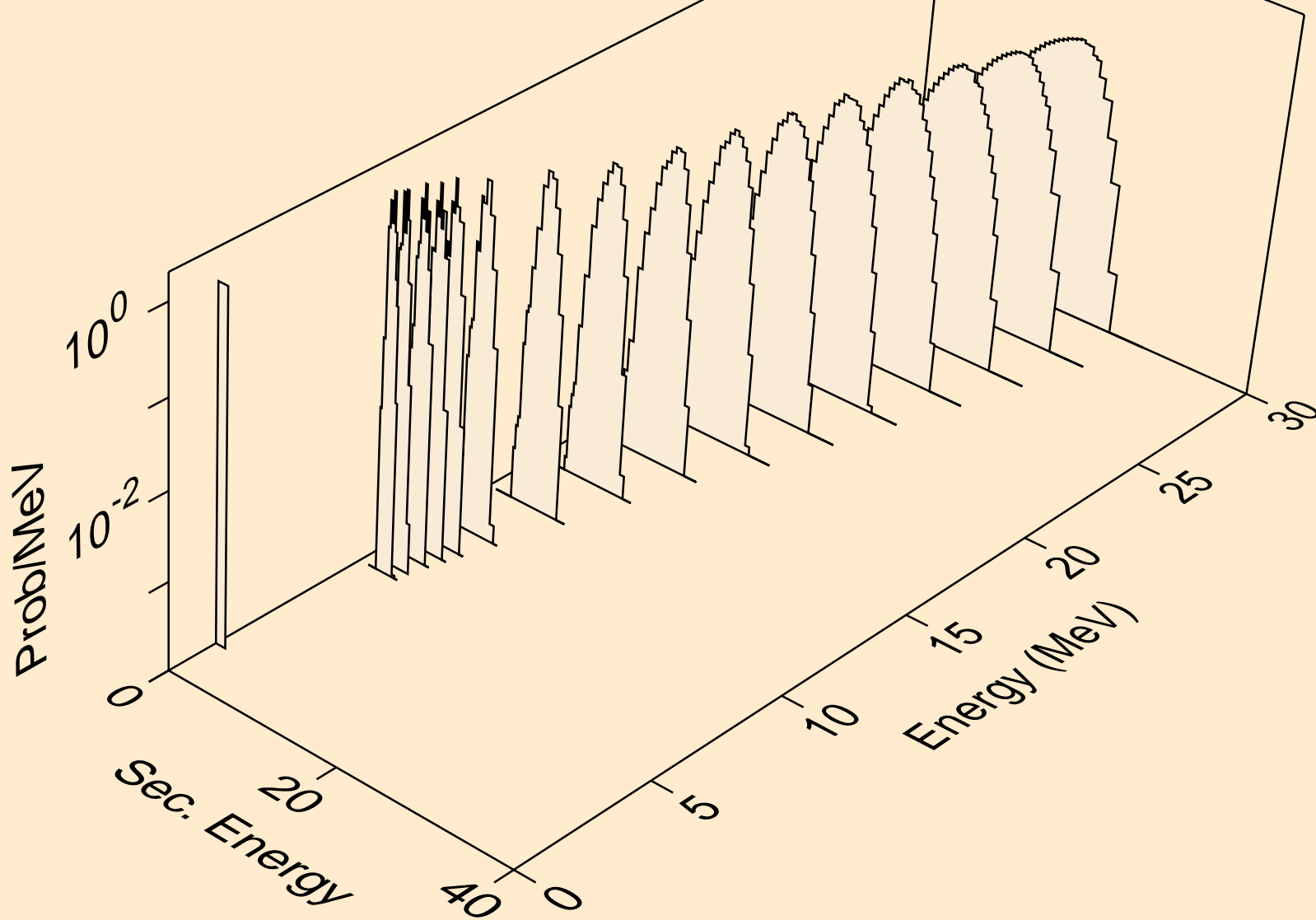
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



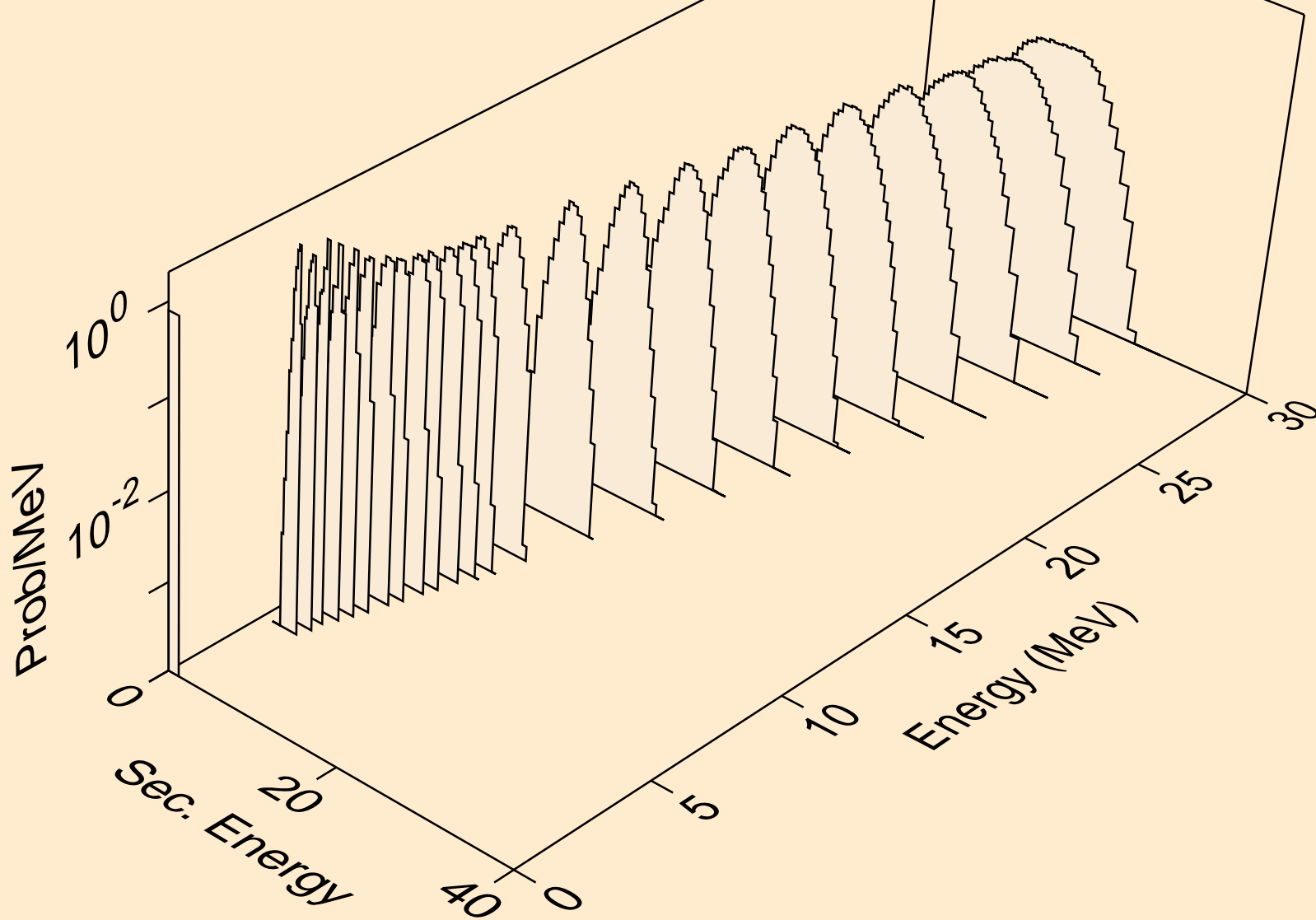
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d2a)



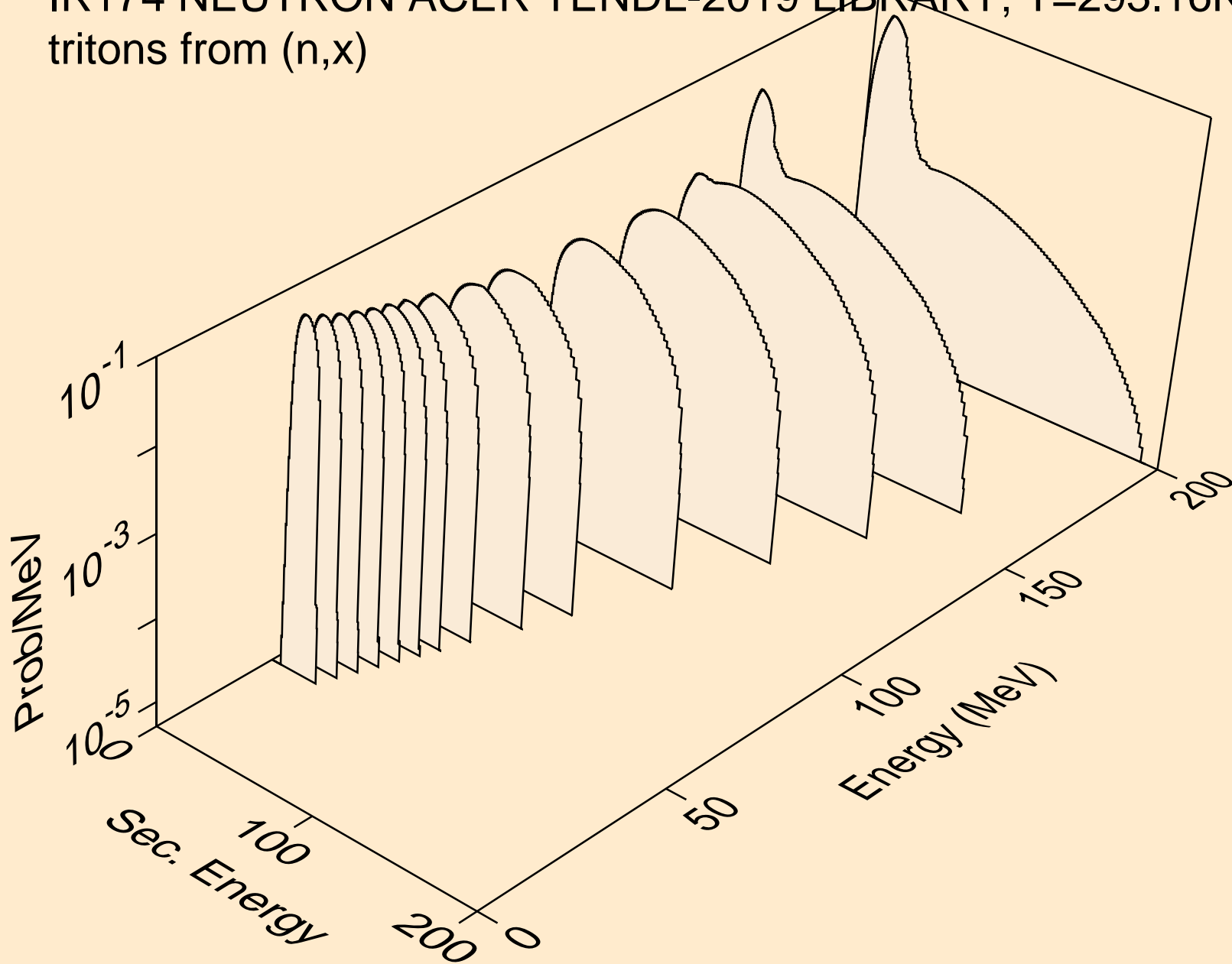
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



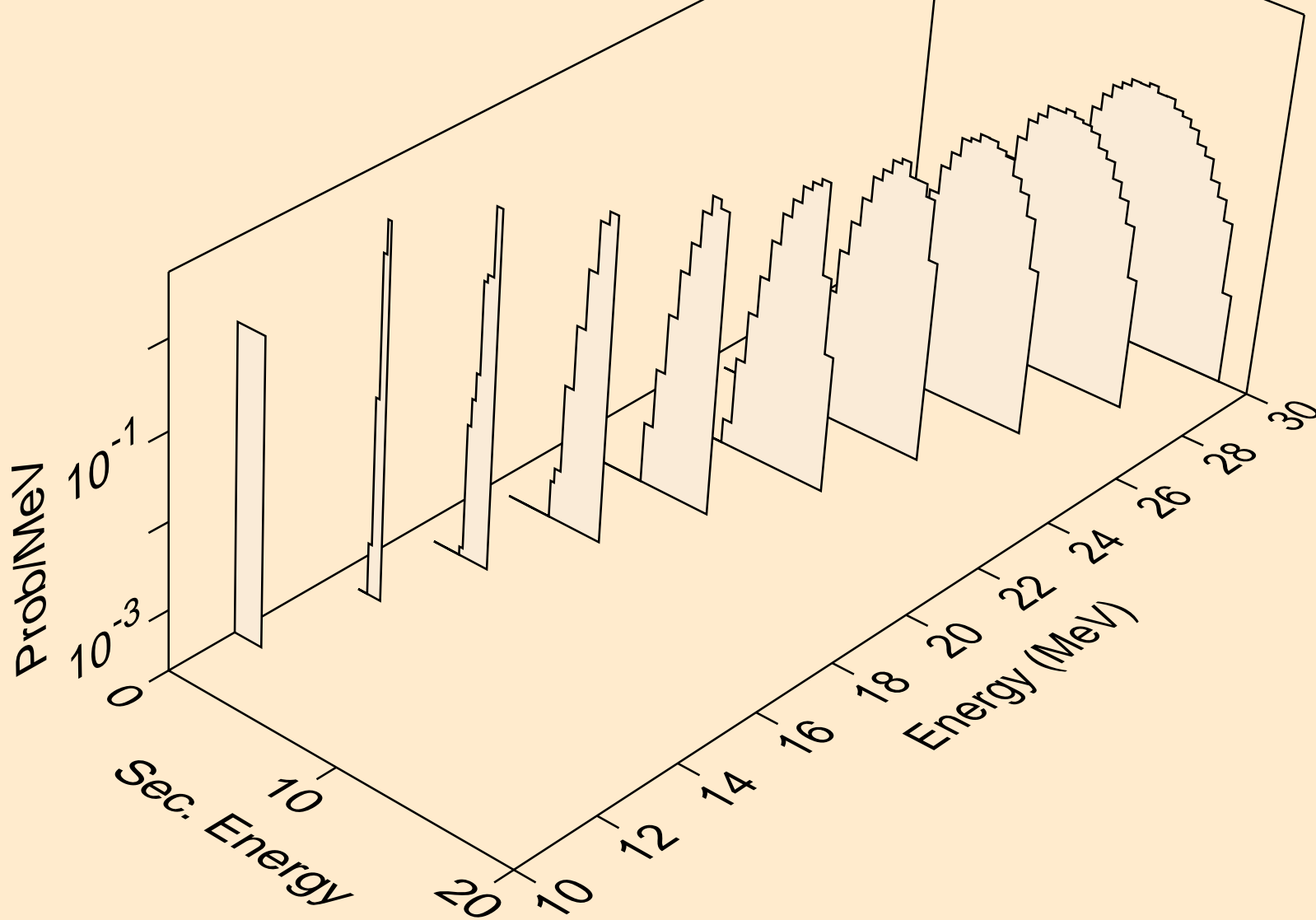
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



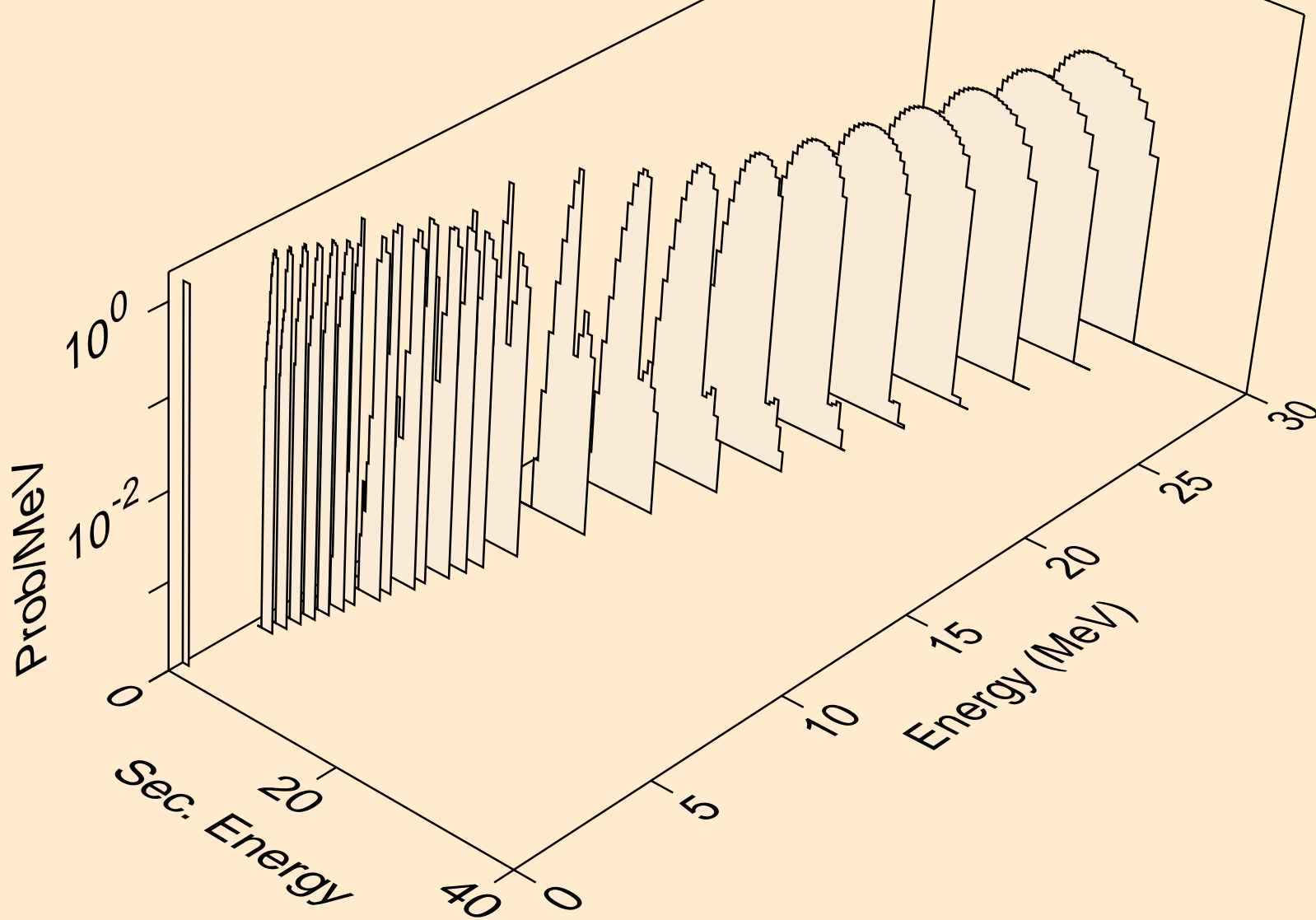
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



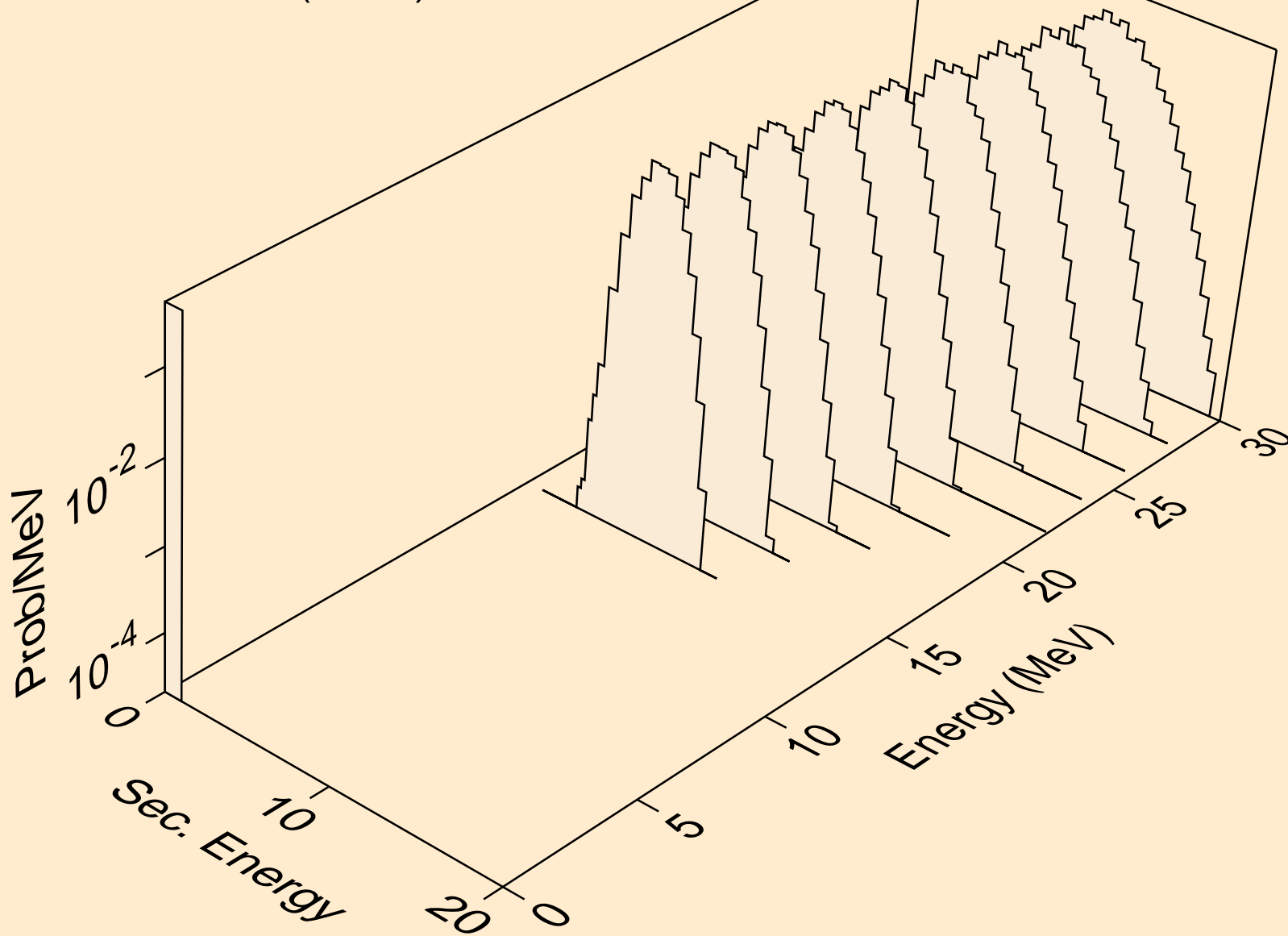
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



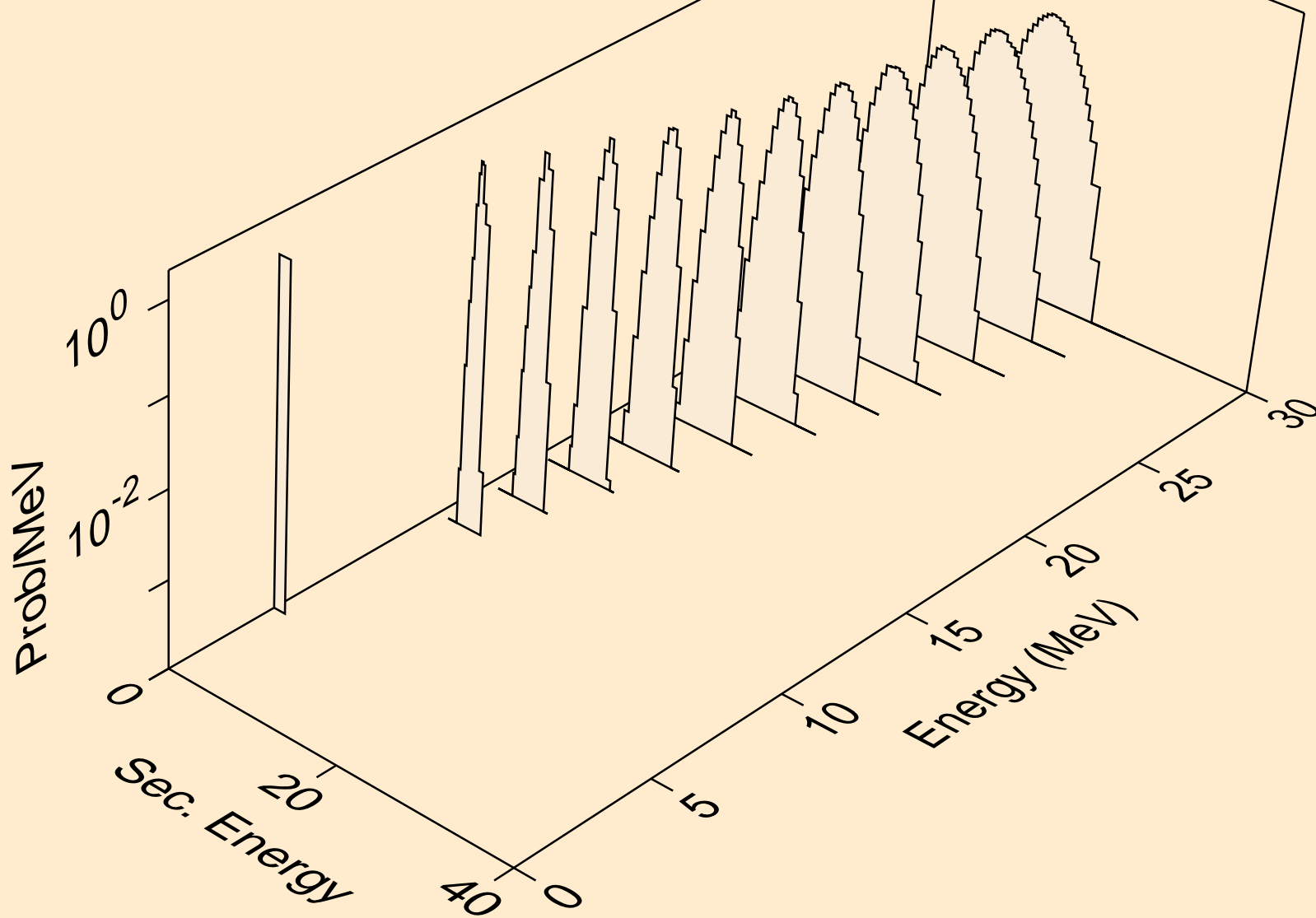
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



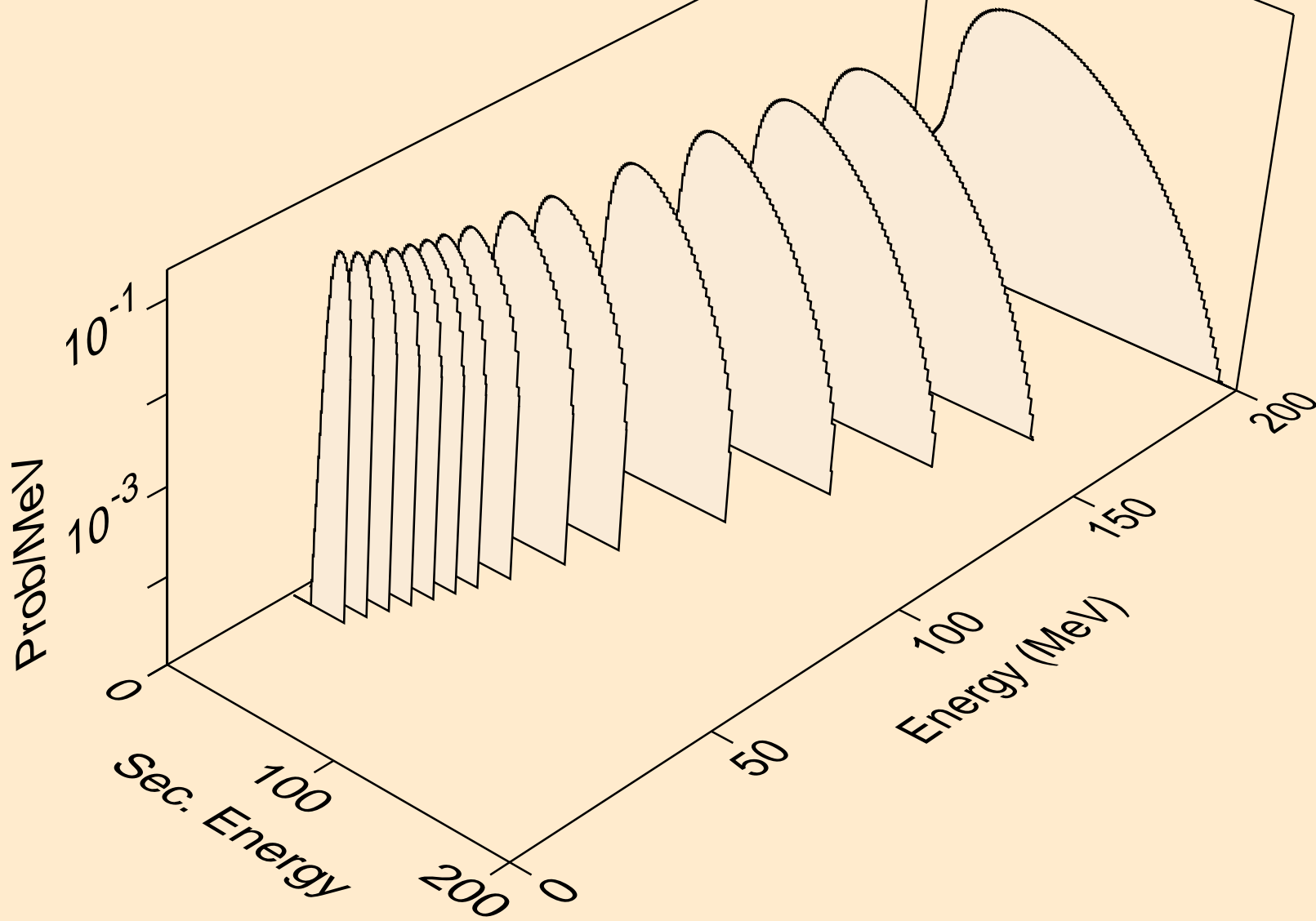
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t2a)



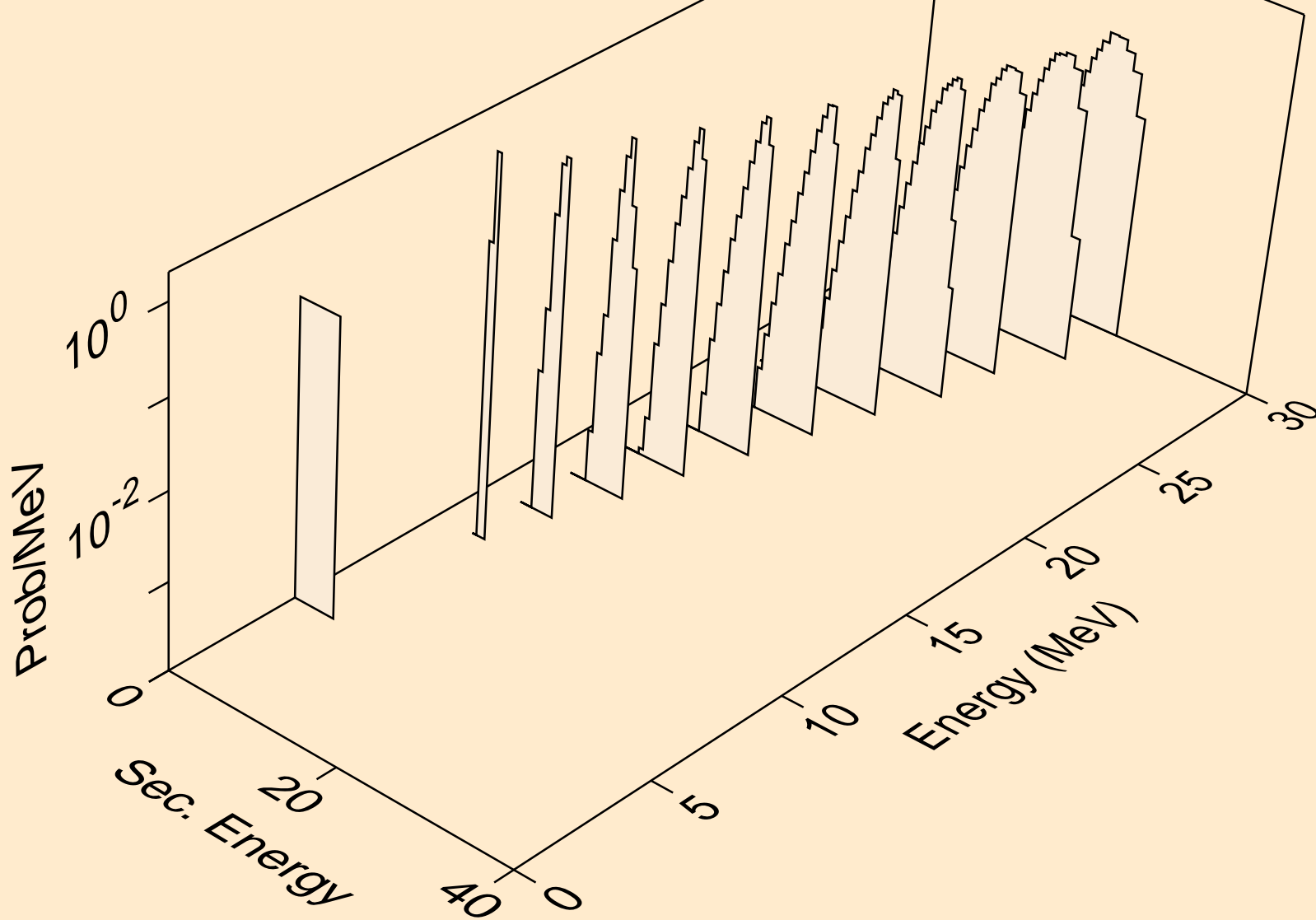
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



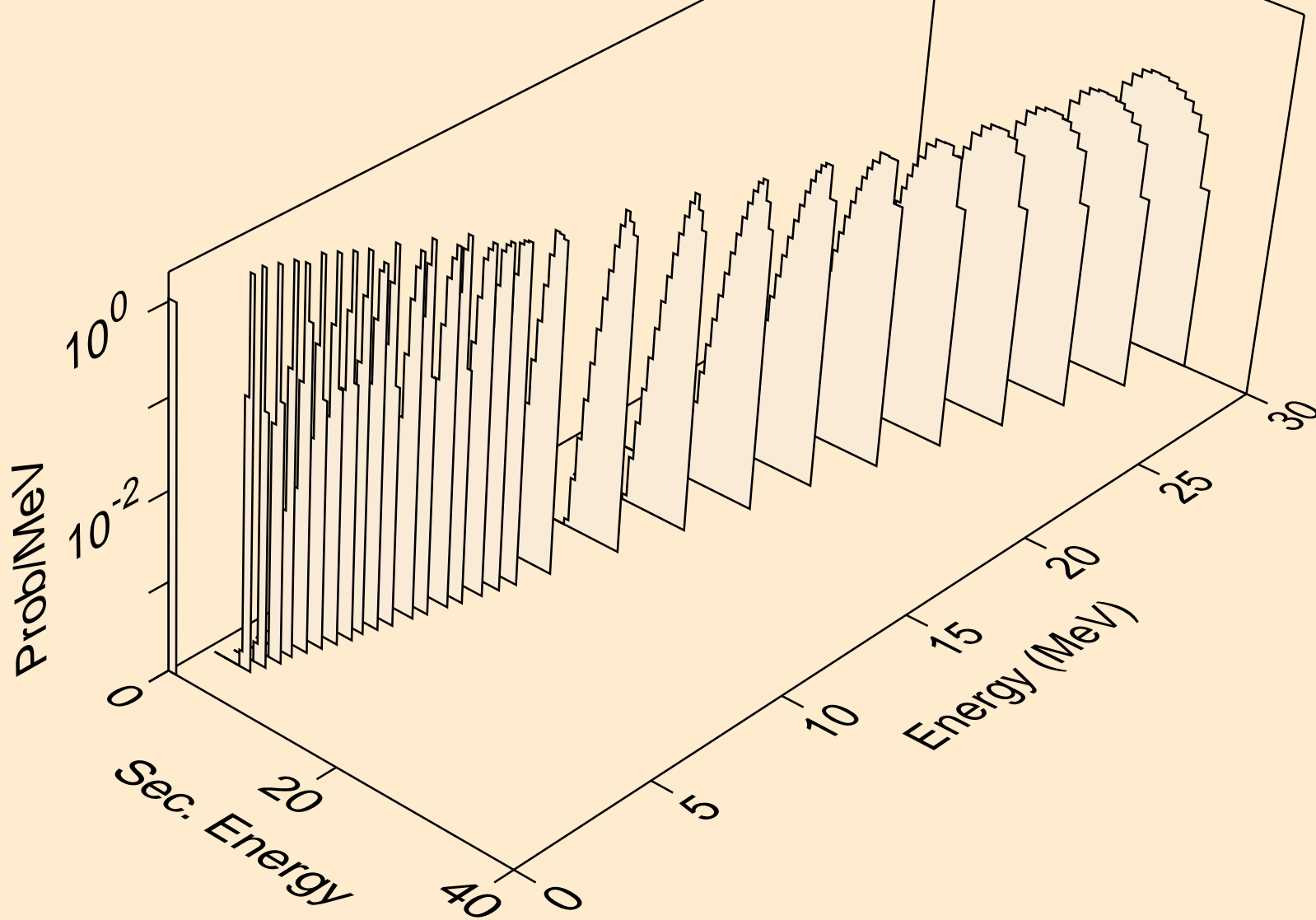
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



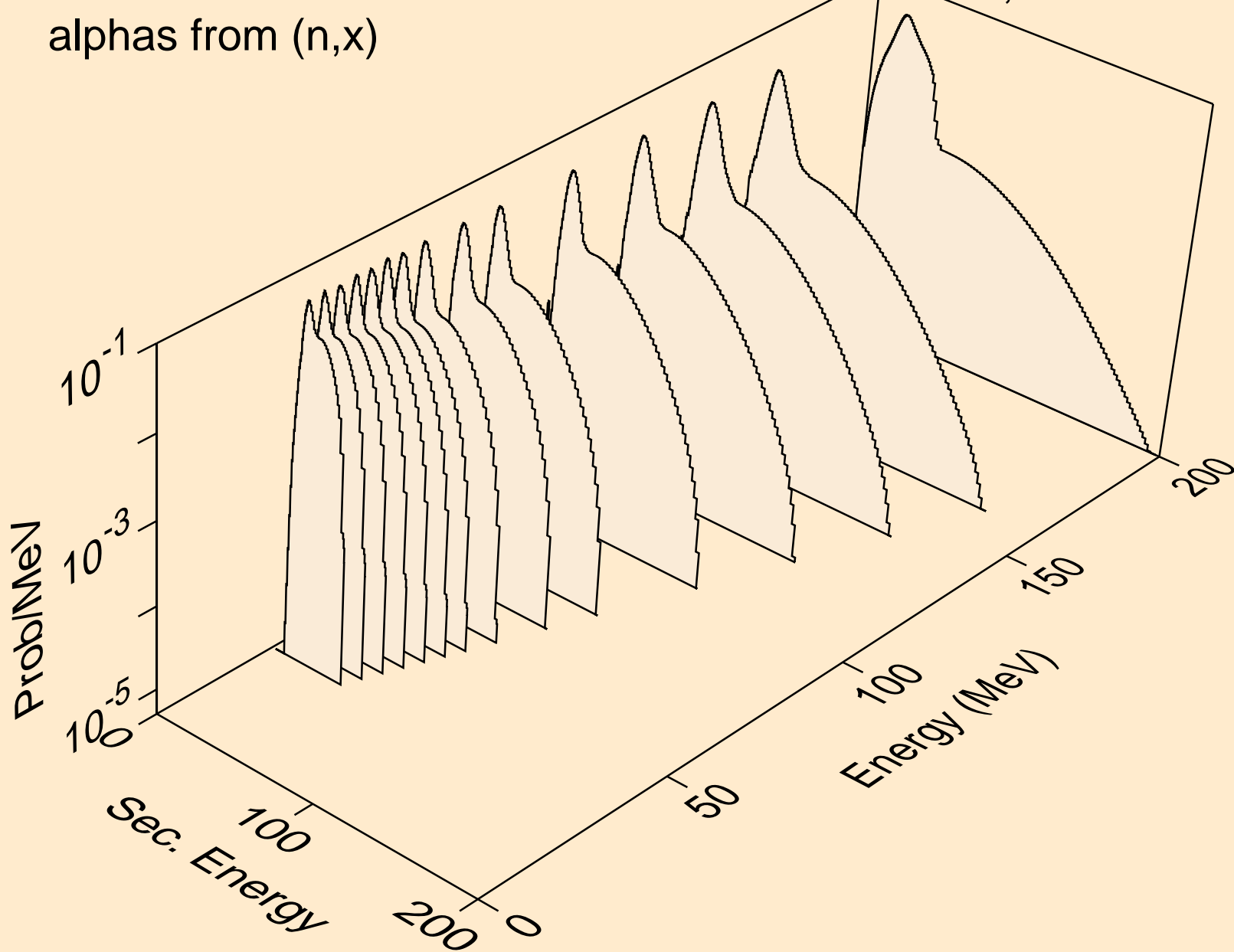
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



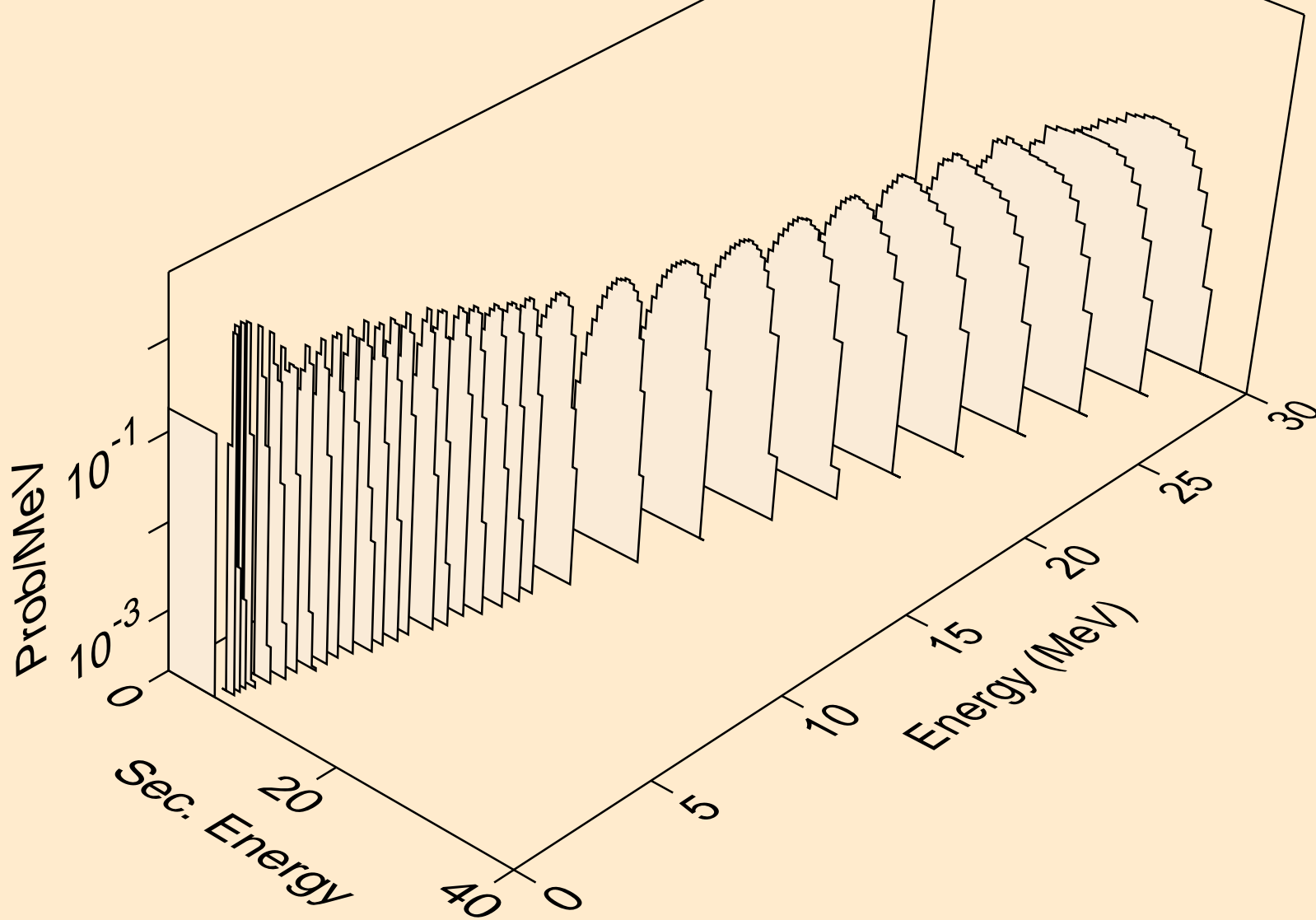
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



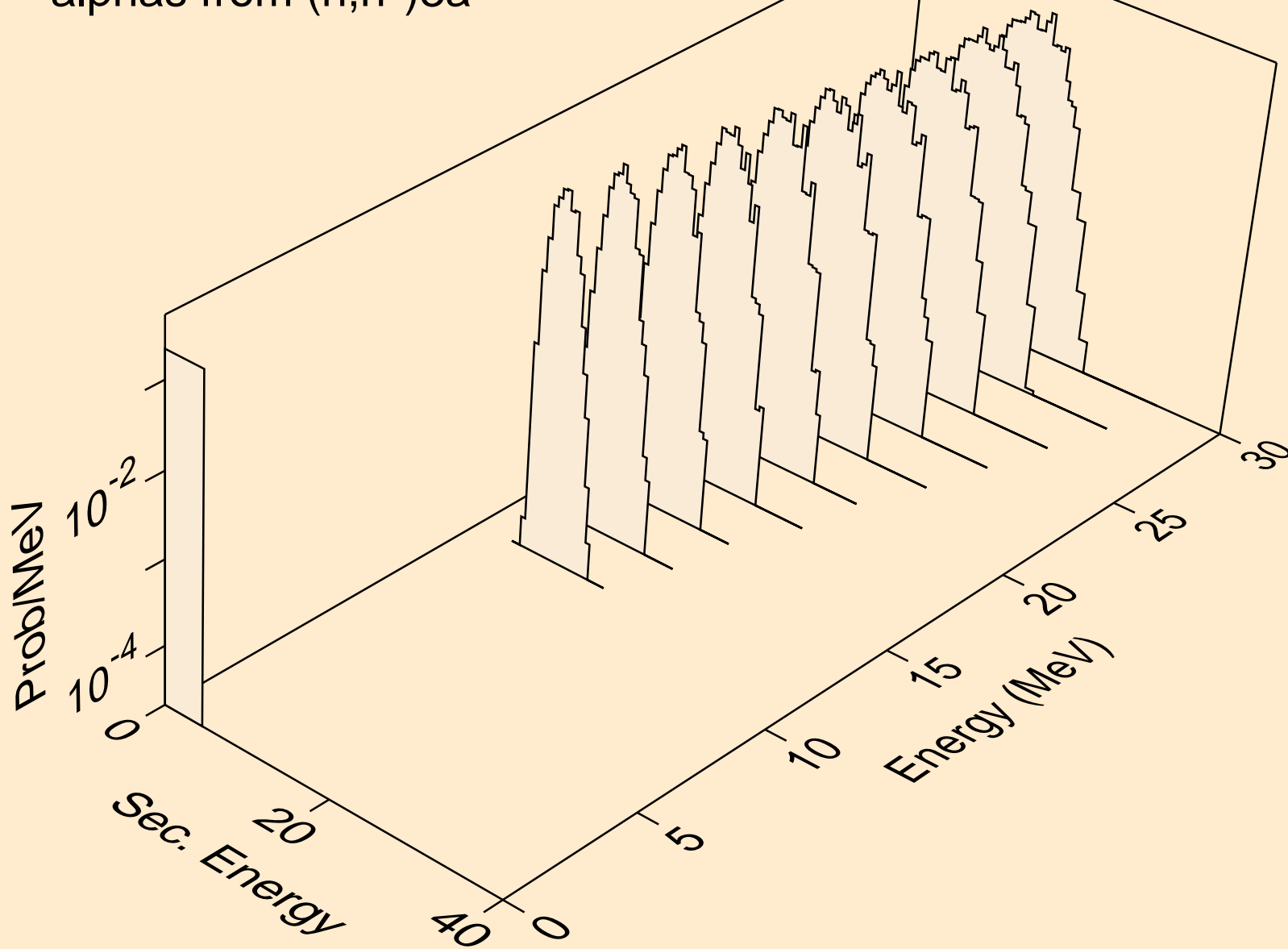
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



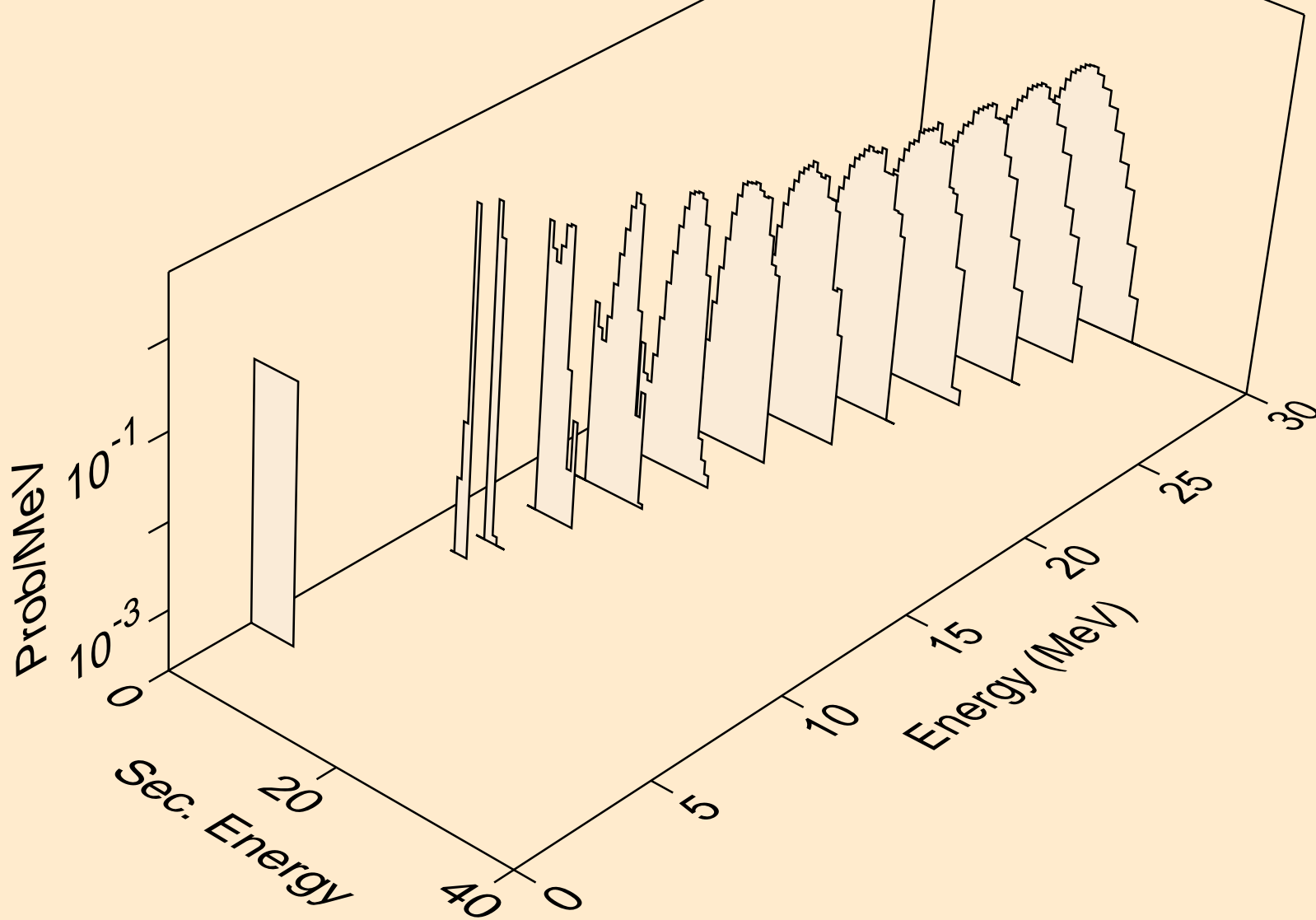
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



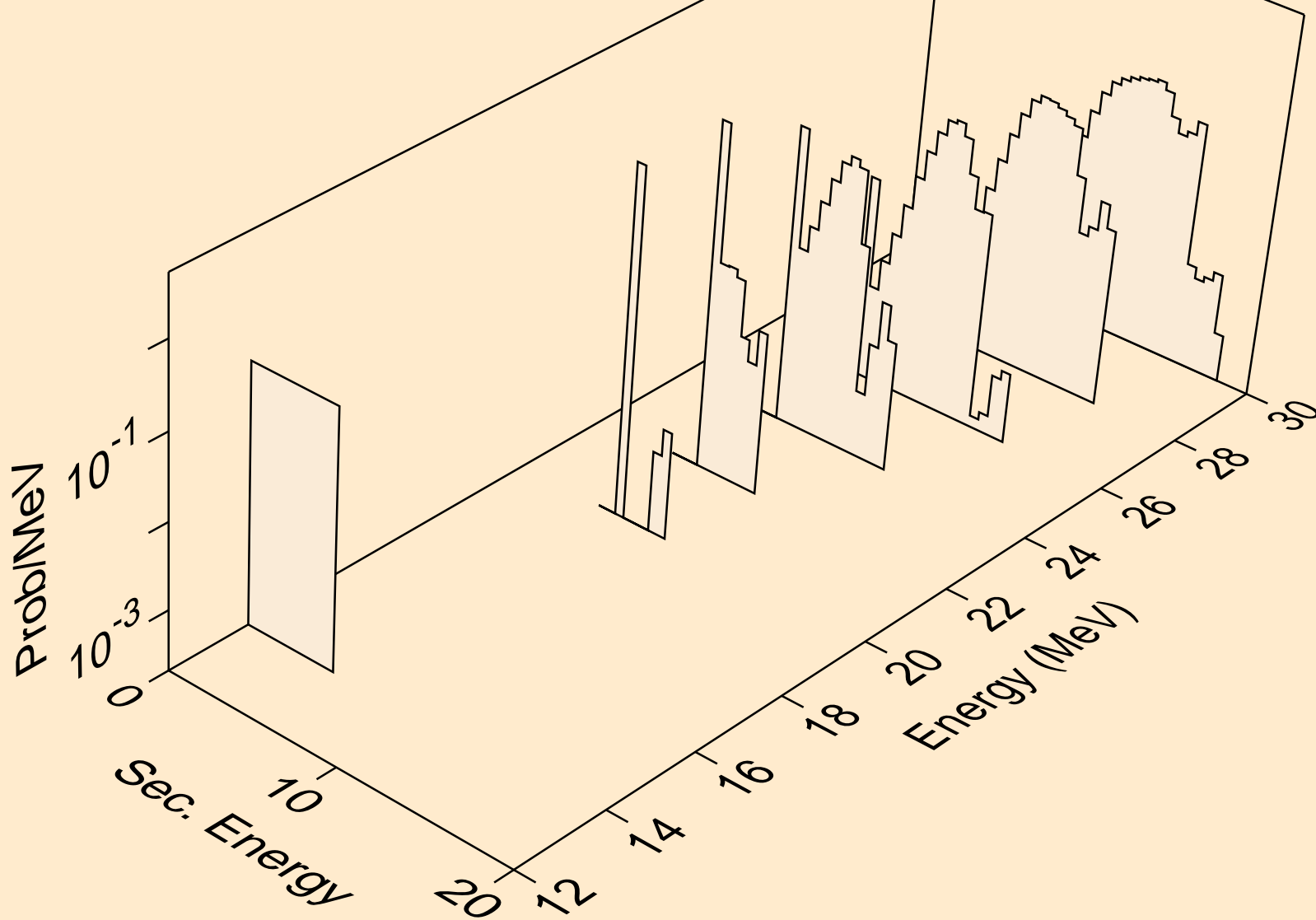
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)3a



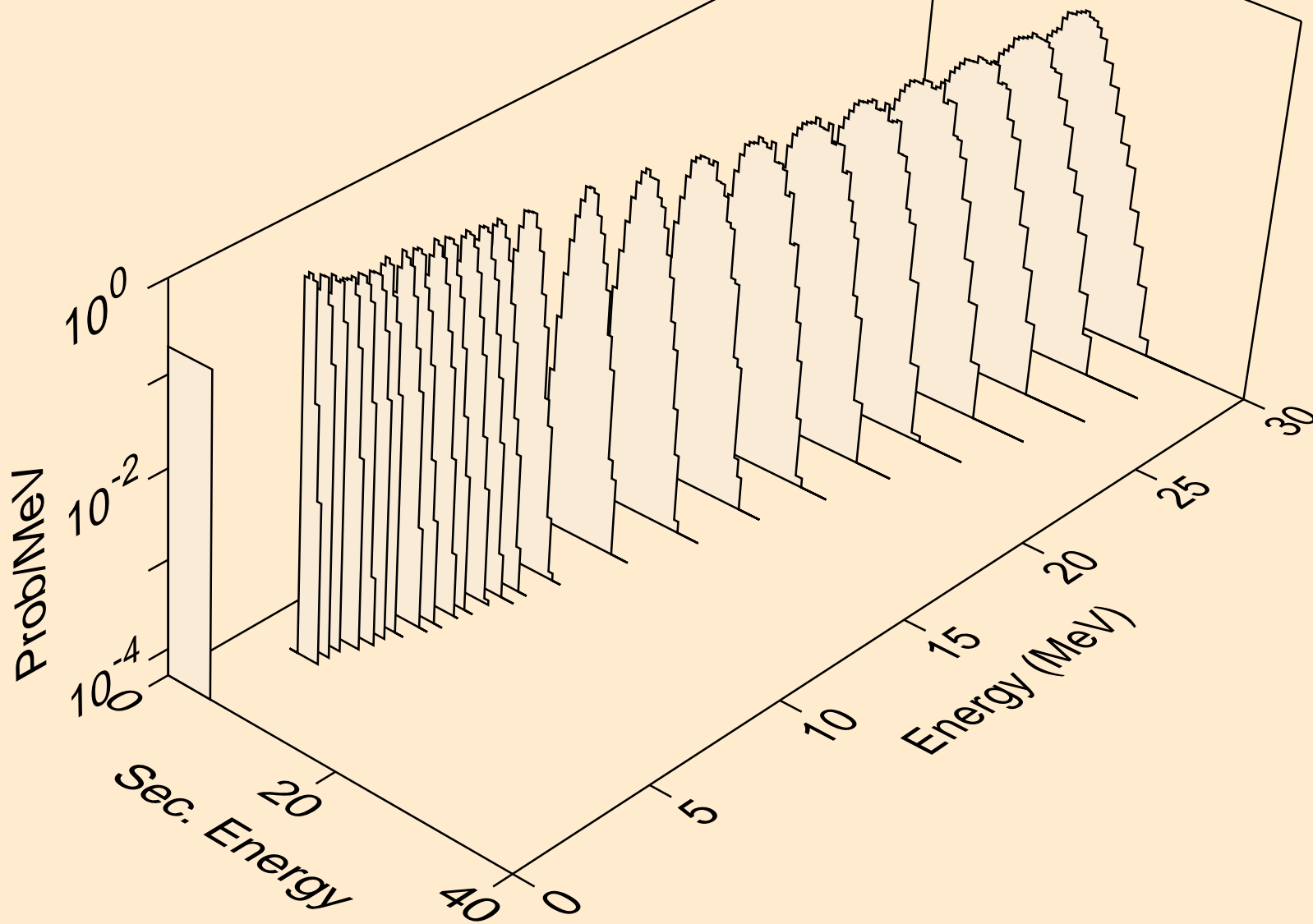
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



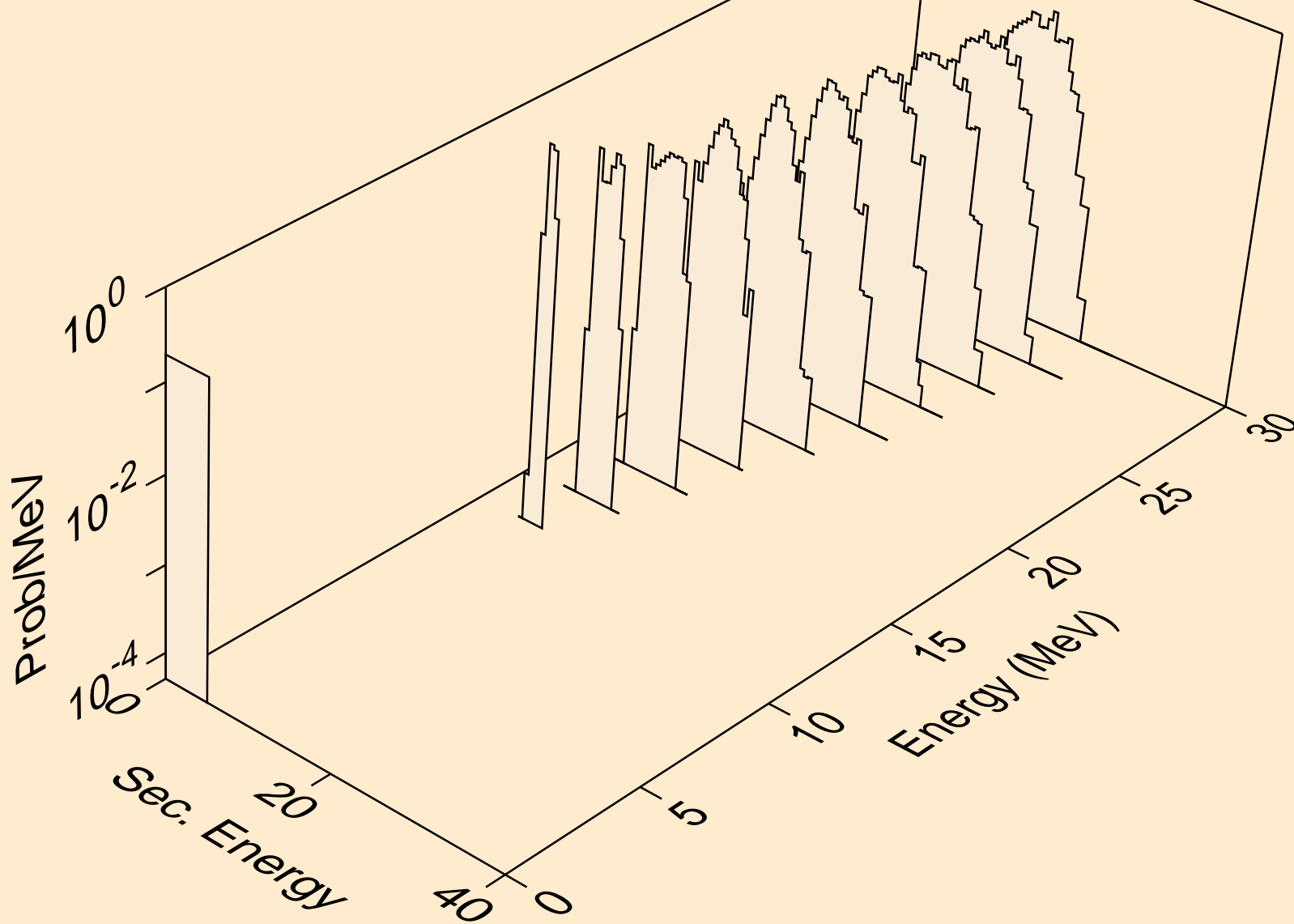
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



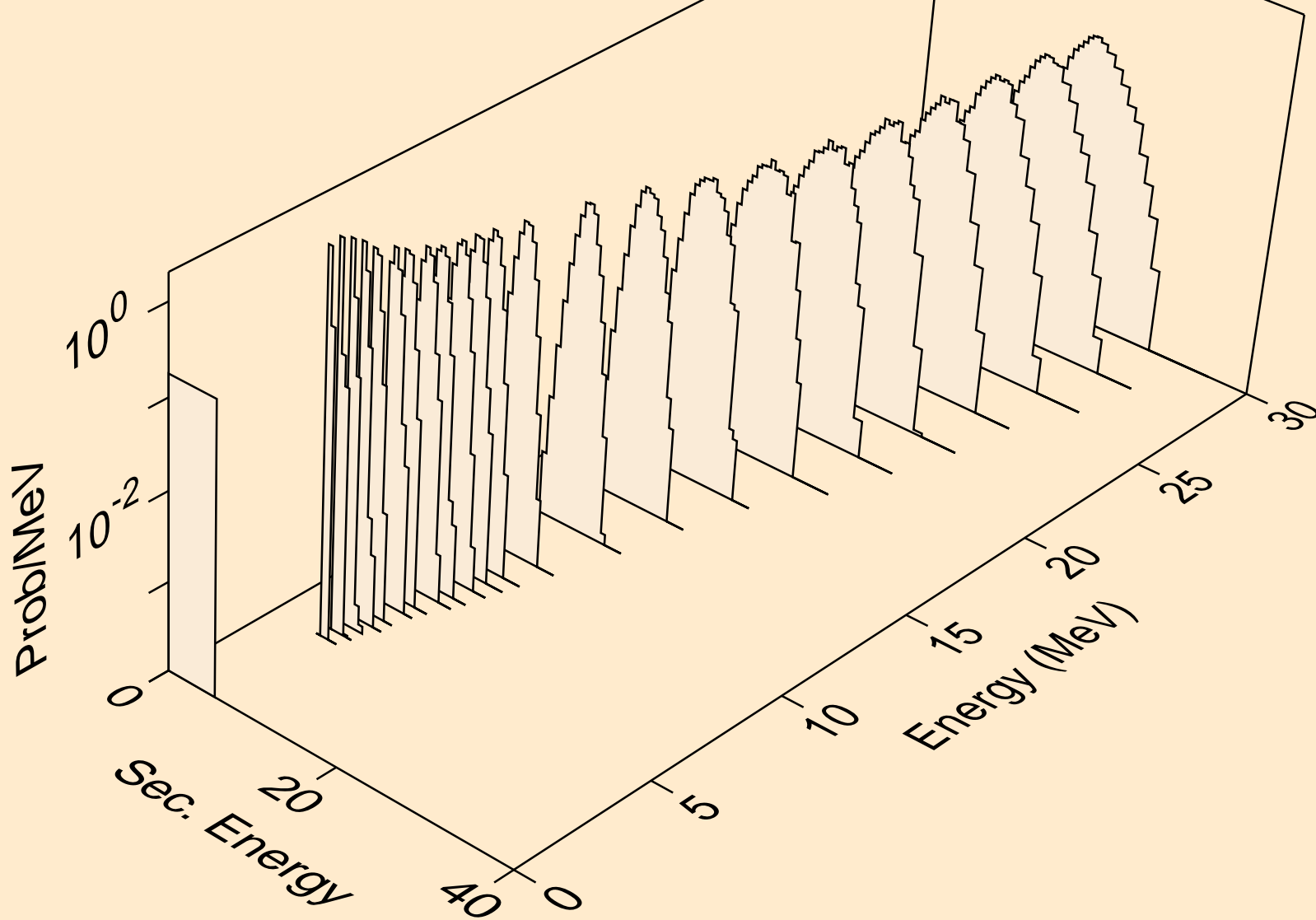
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



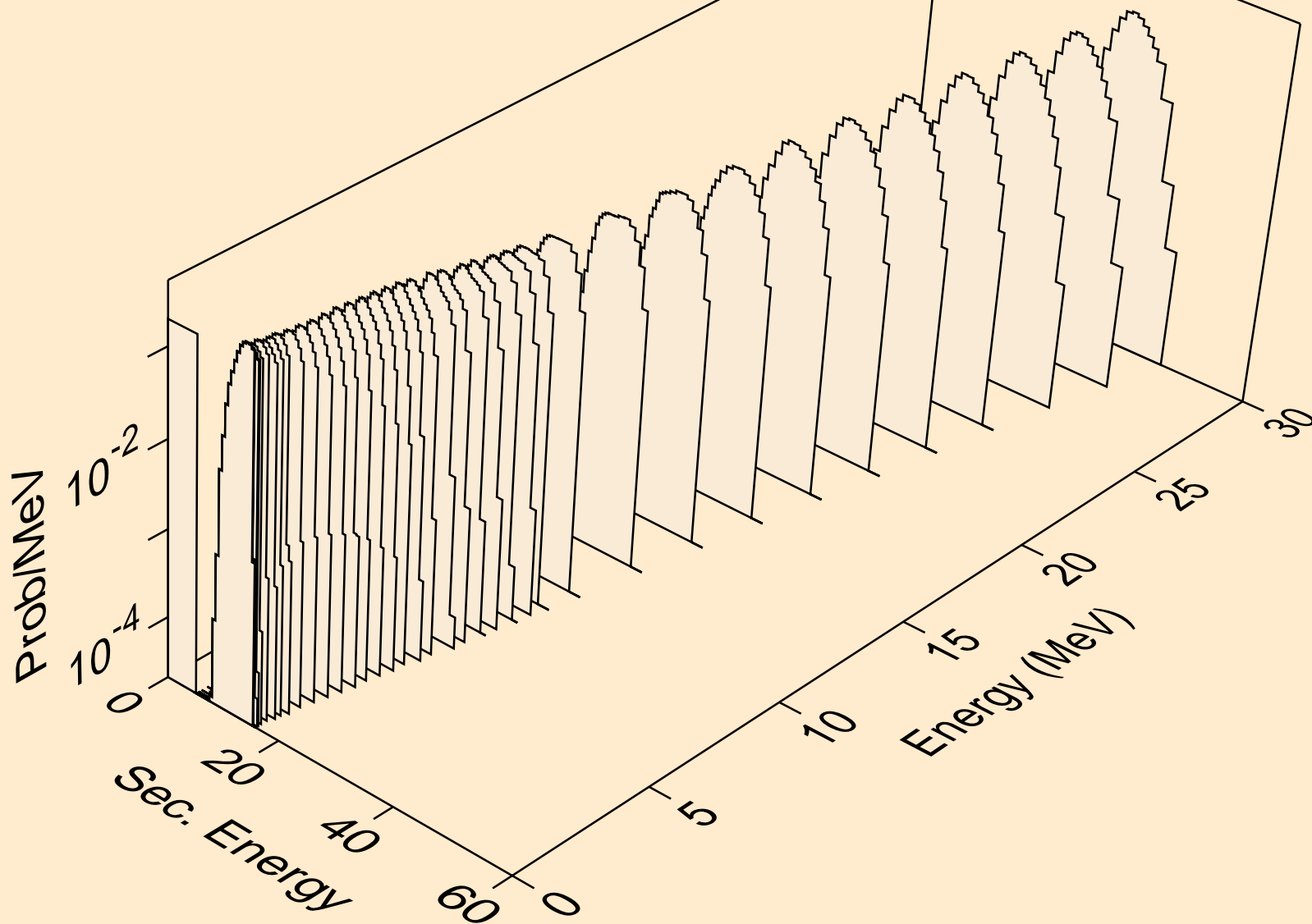
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



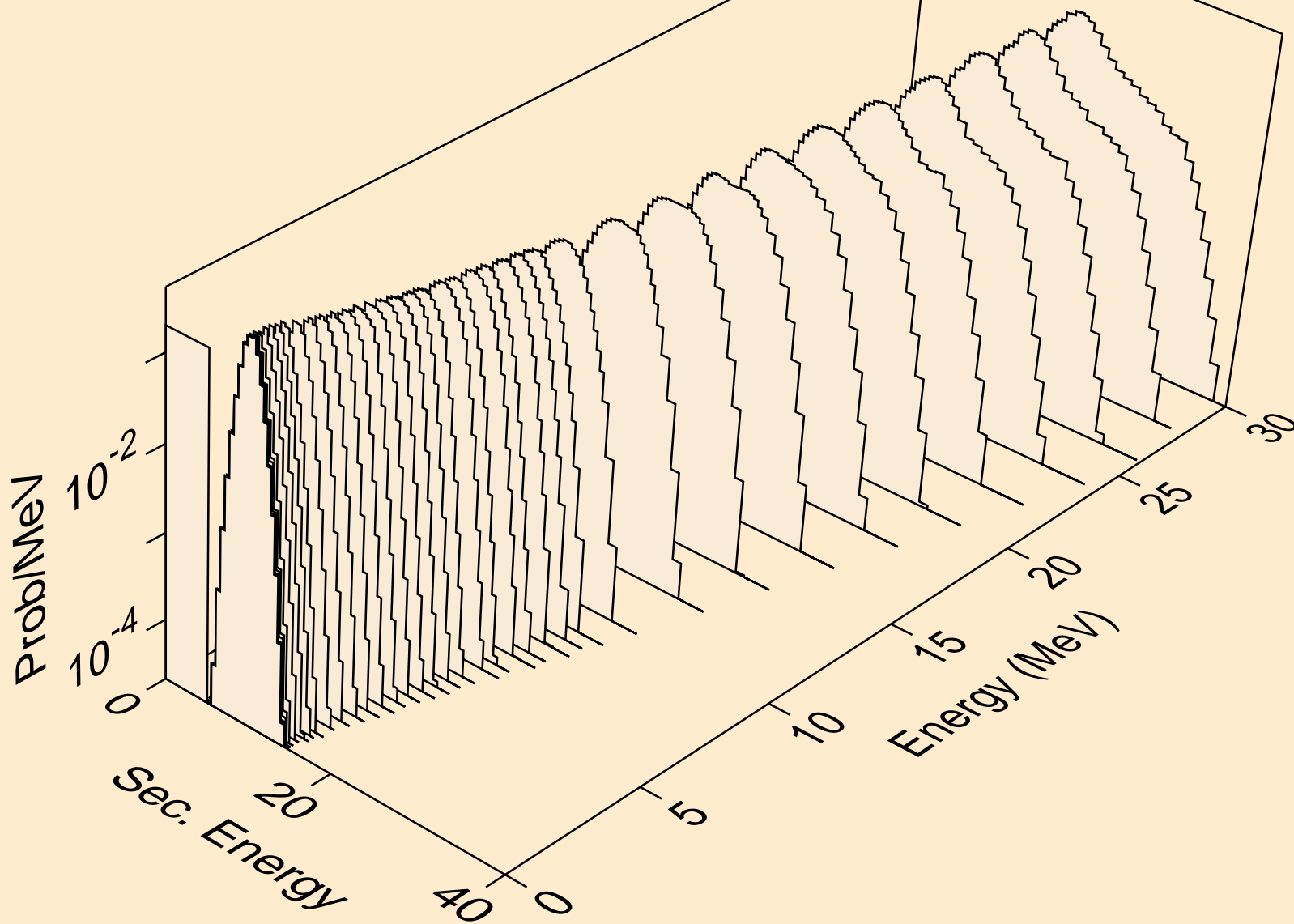
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



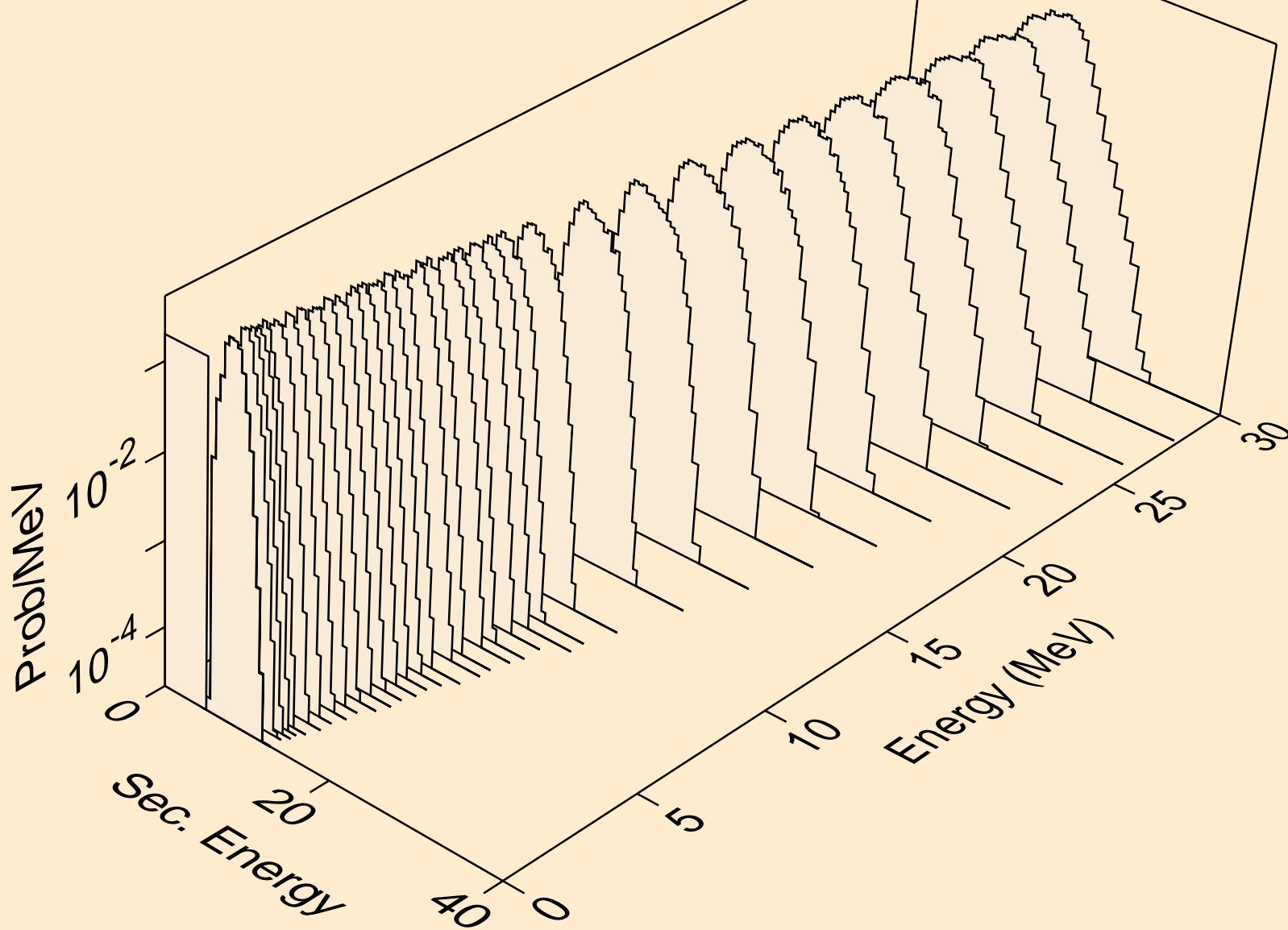
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



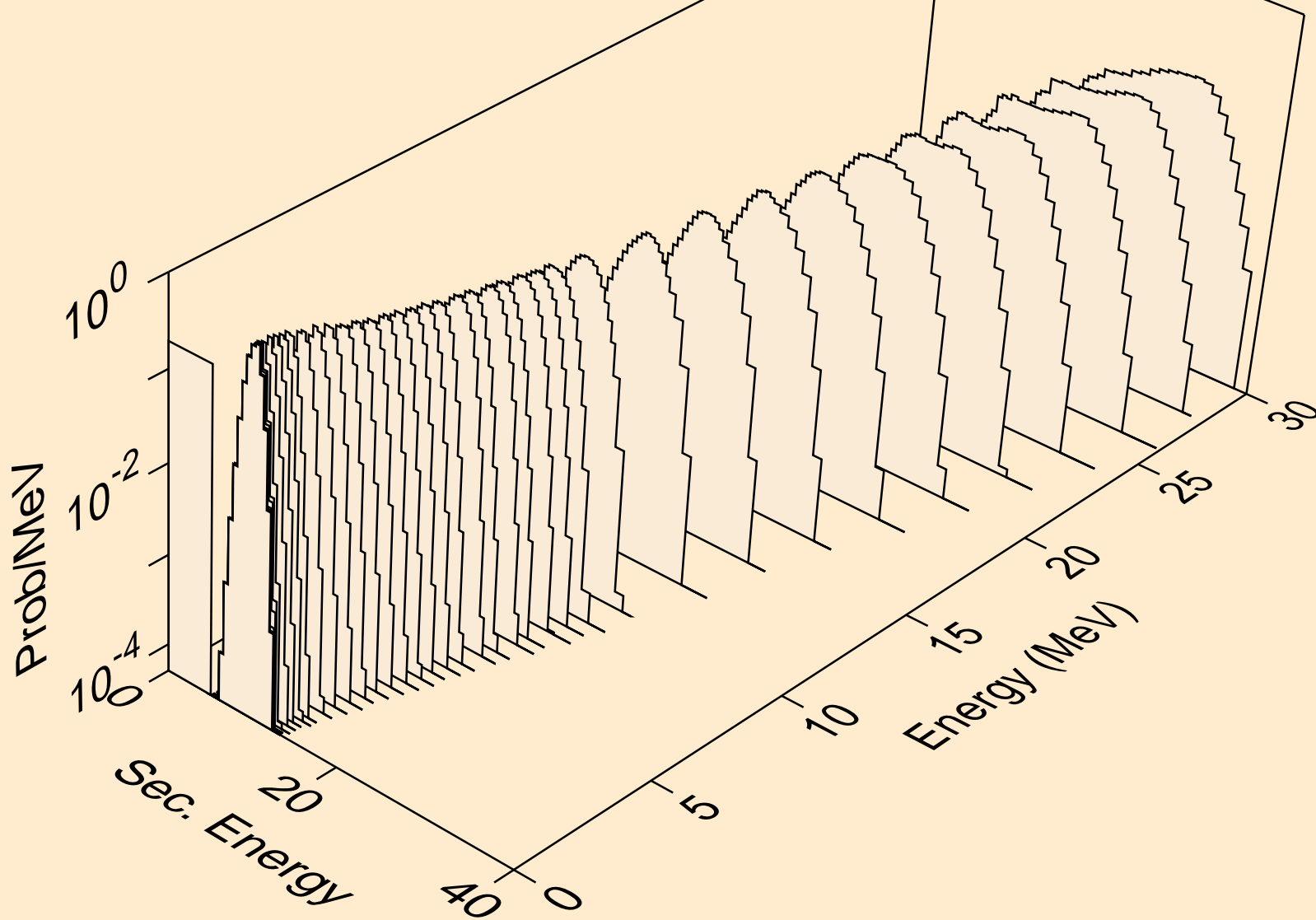
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



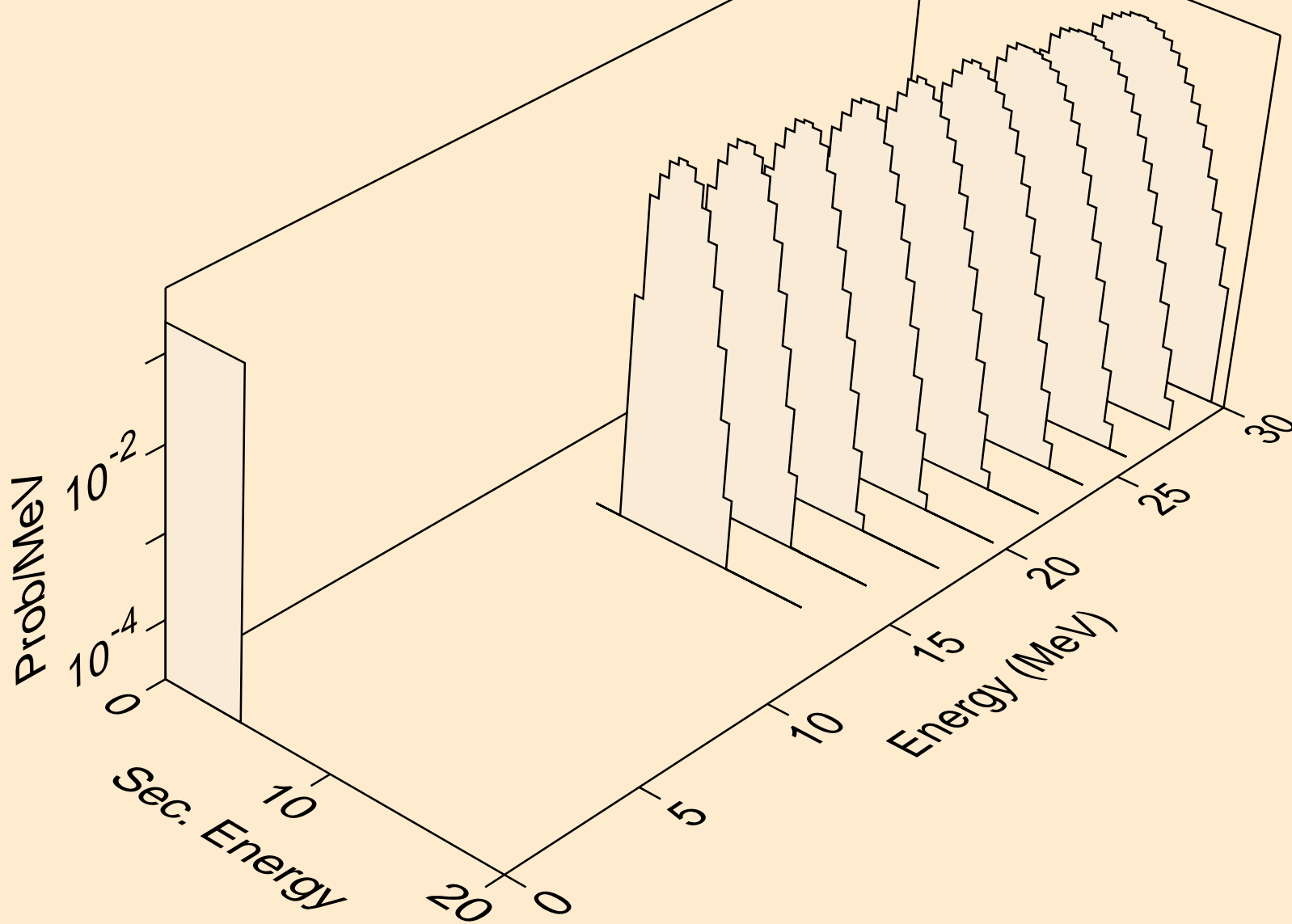
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



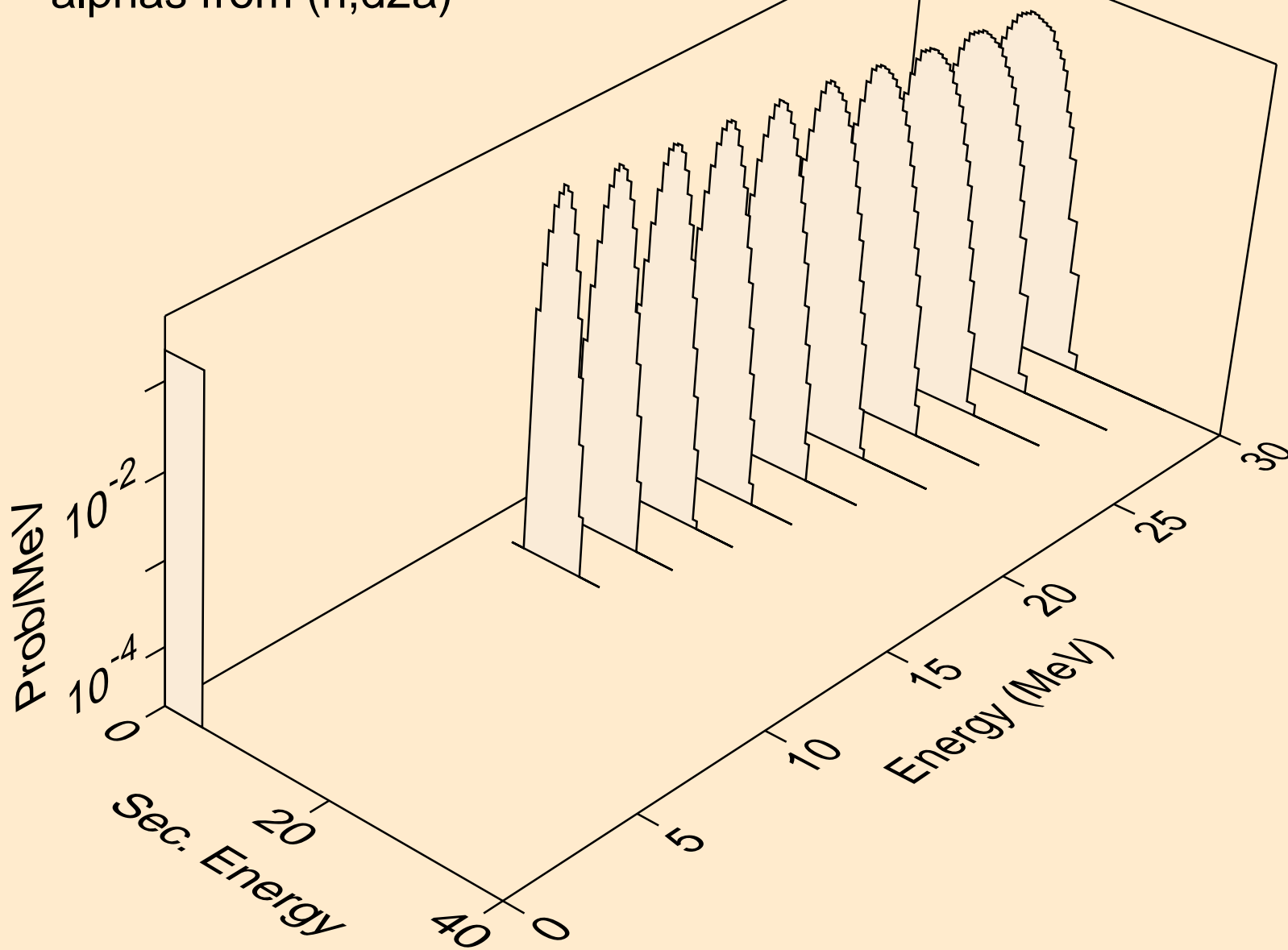
IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,t2a)



IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



IR174 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

