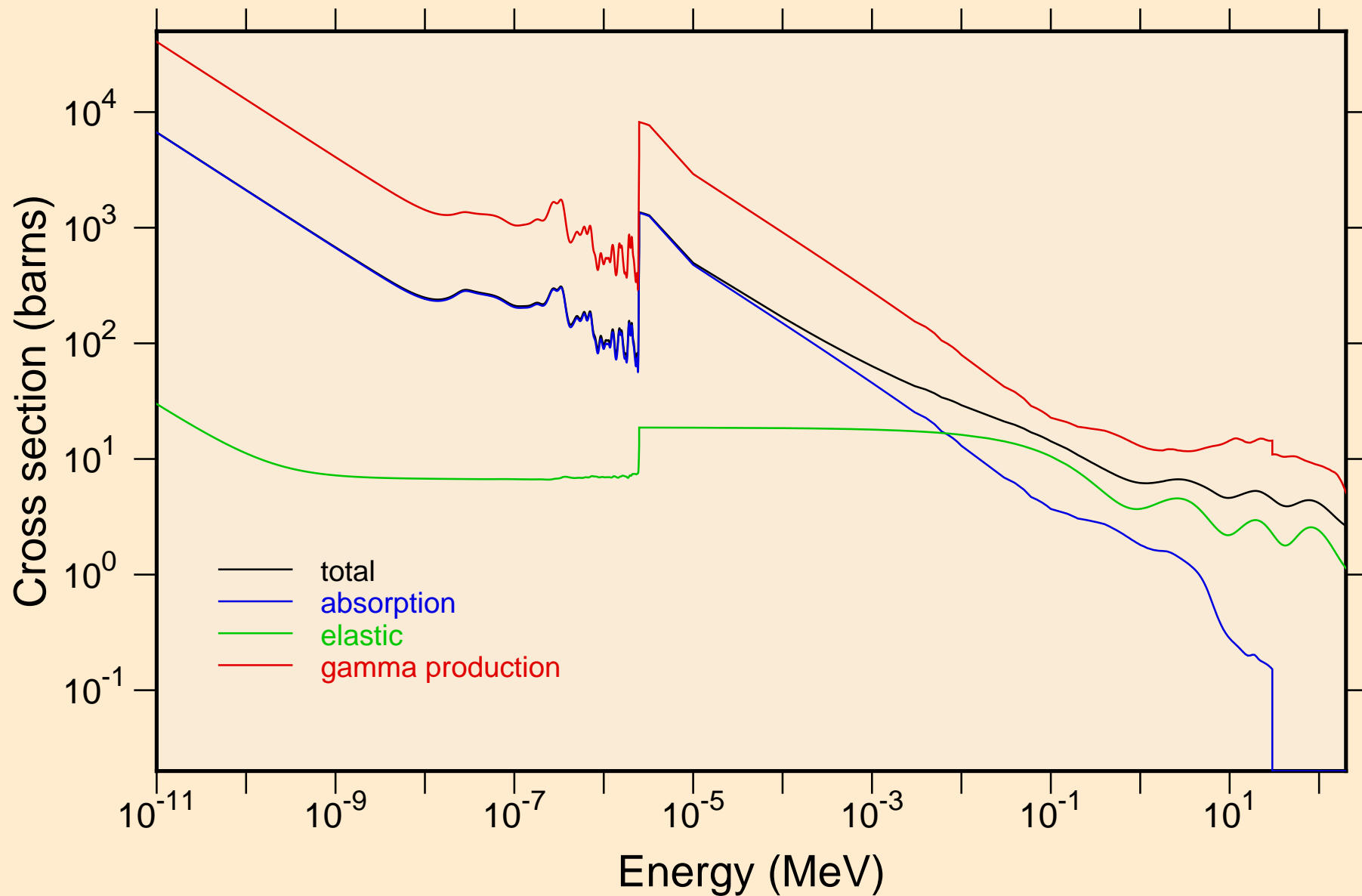
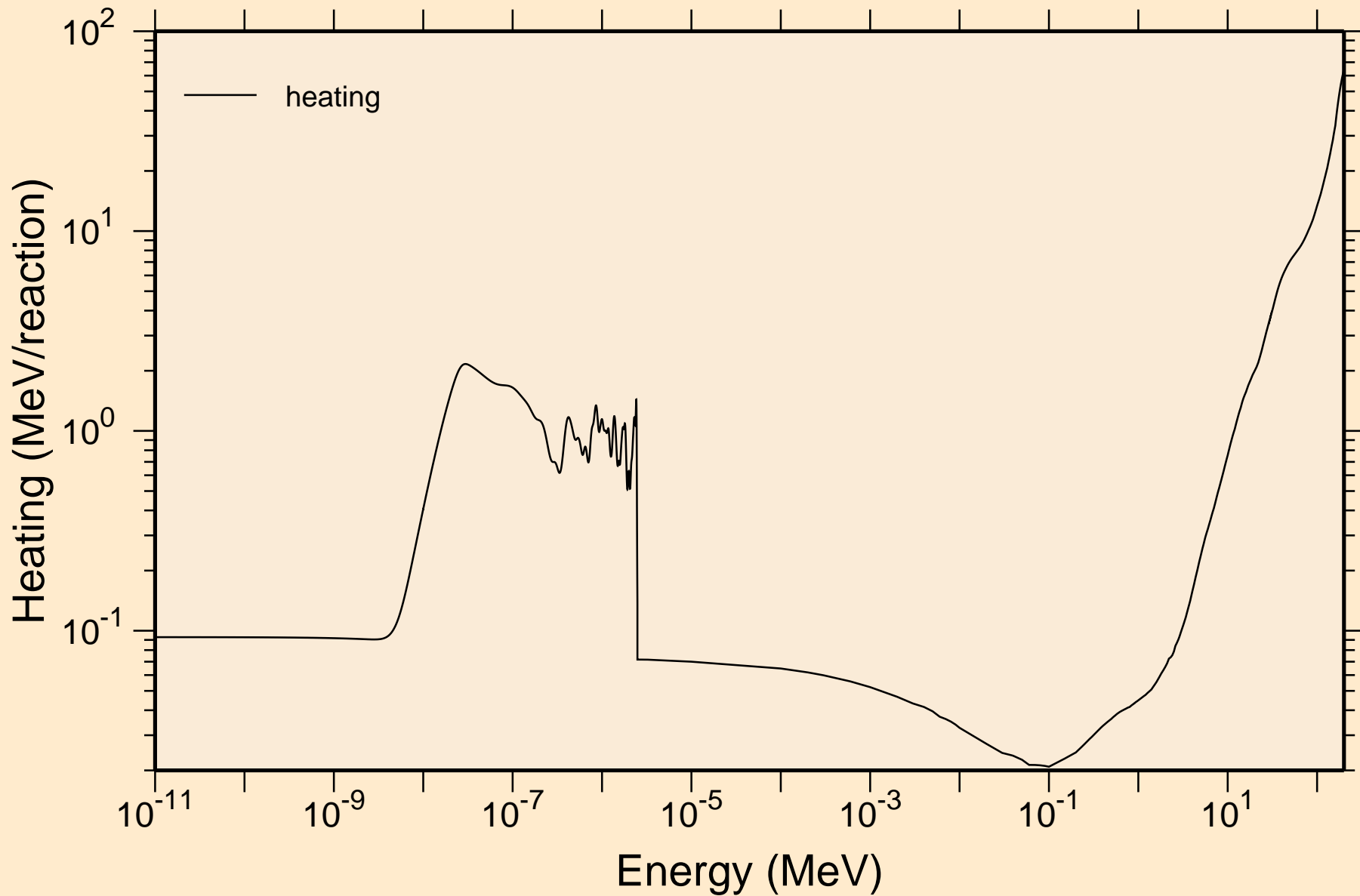


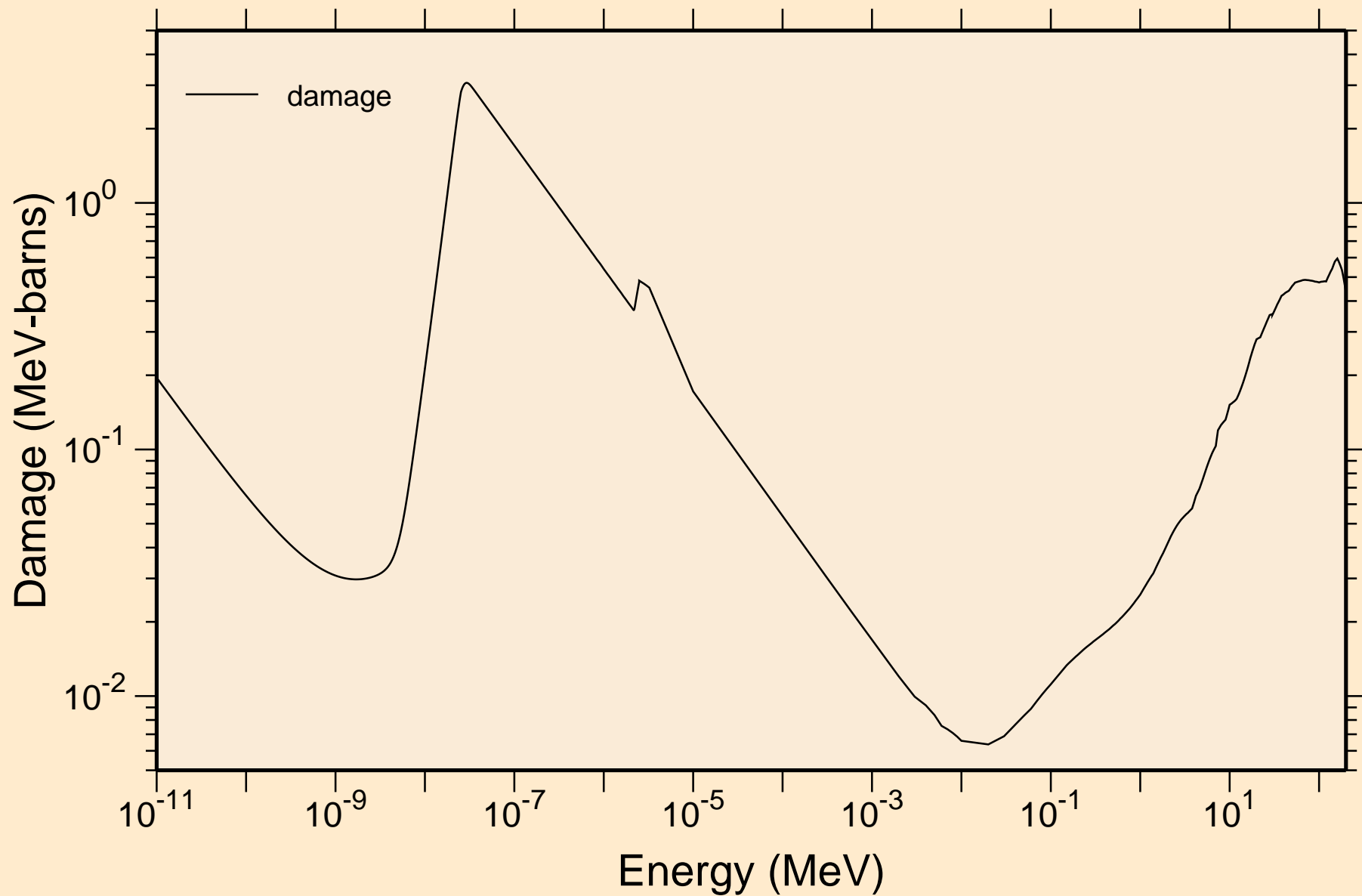
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



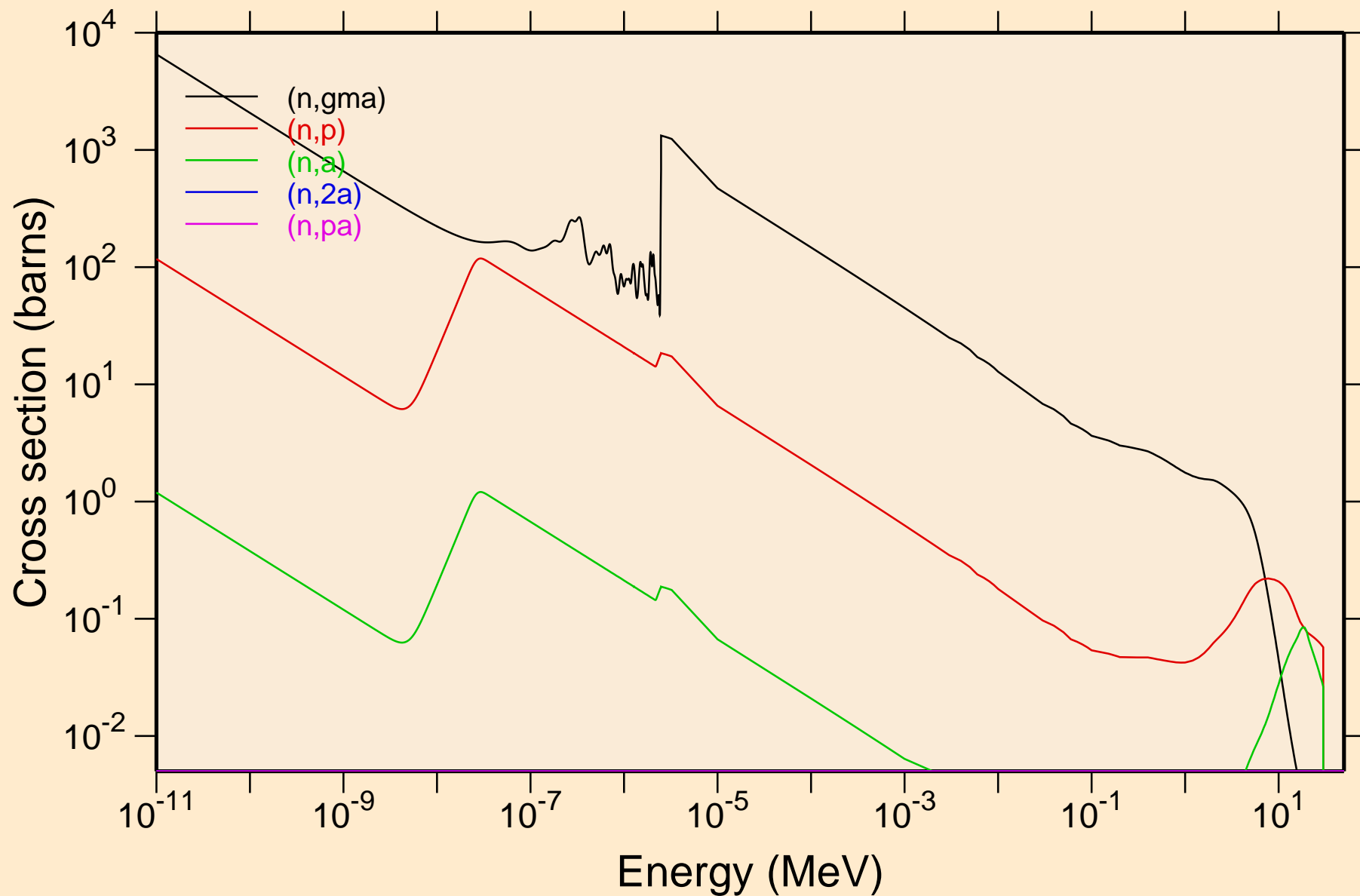
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



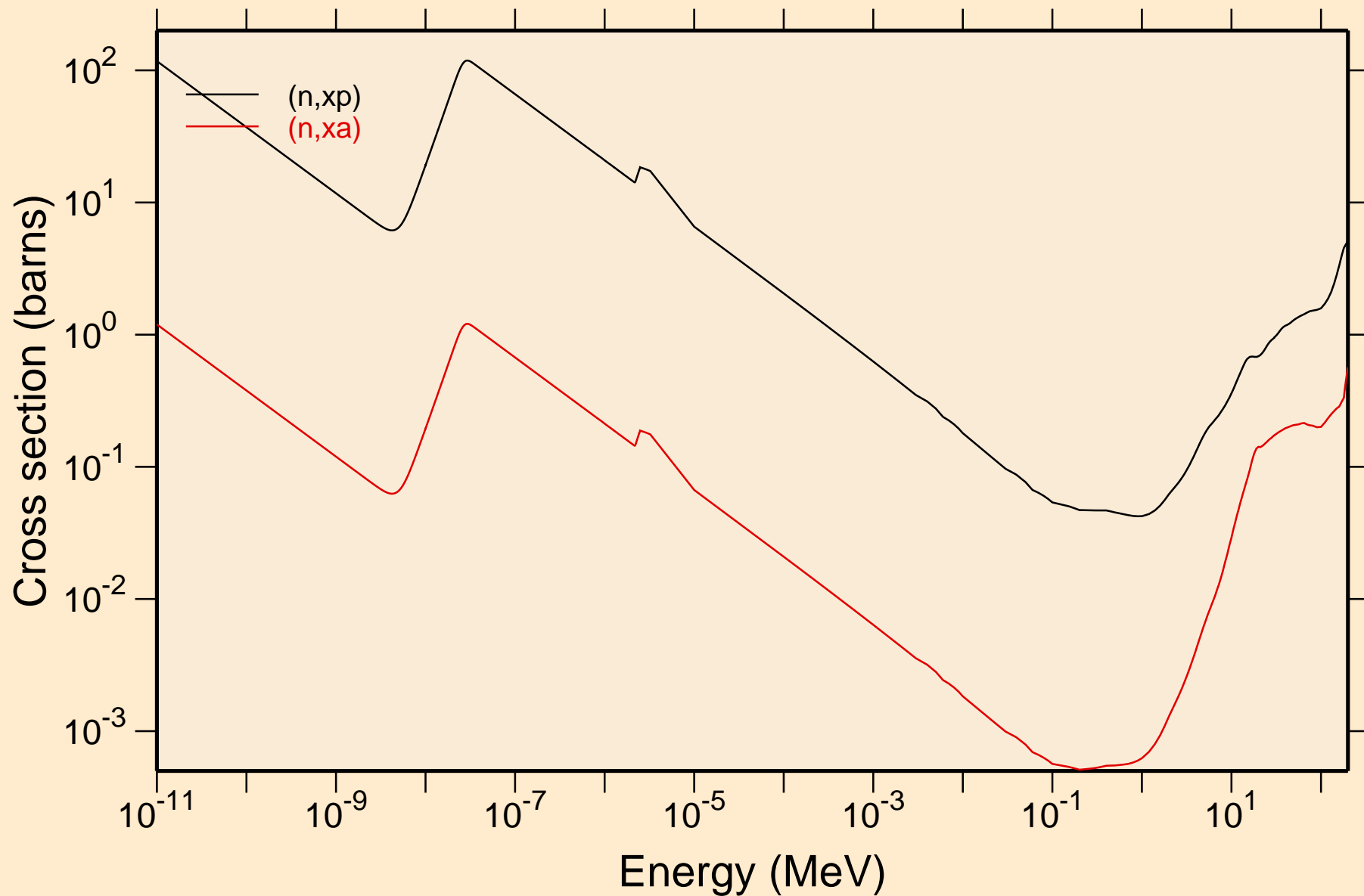
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



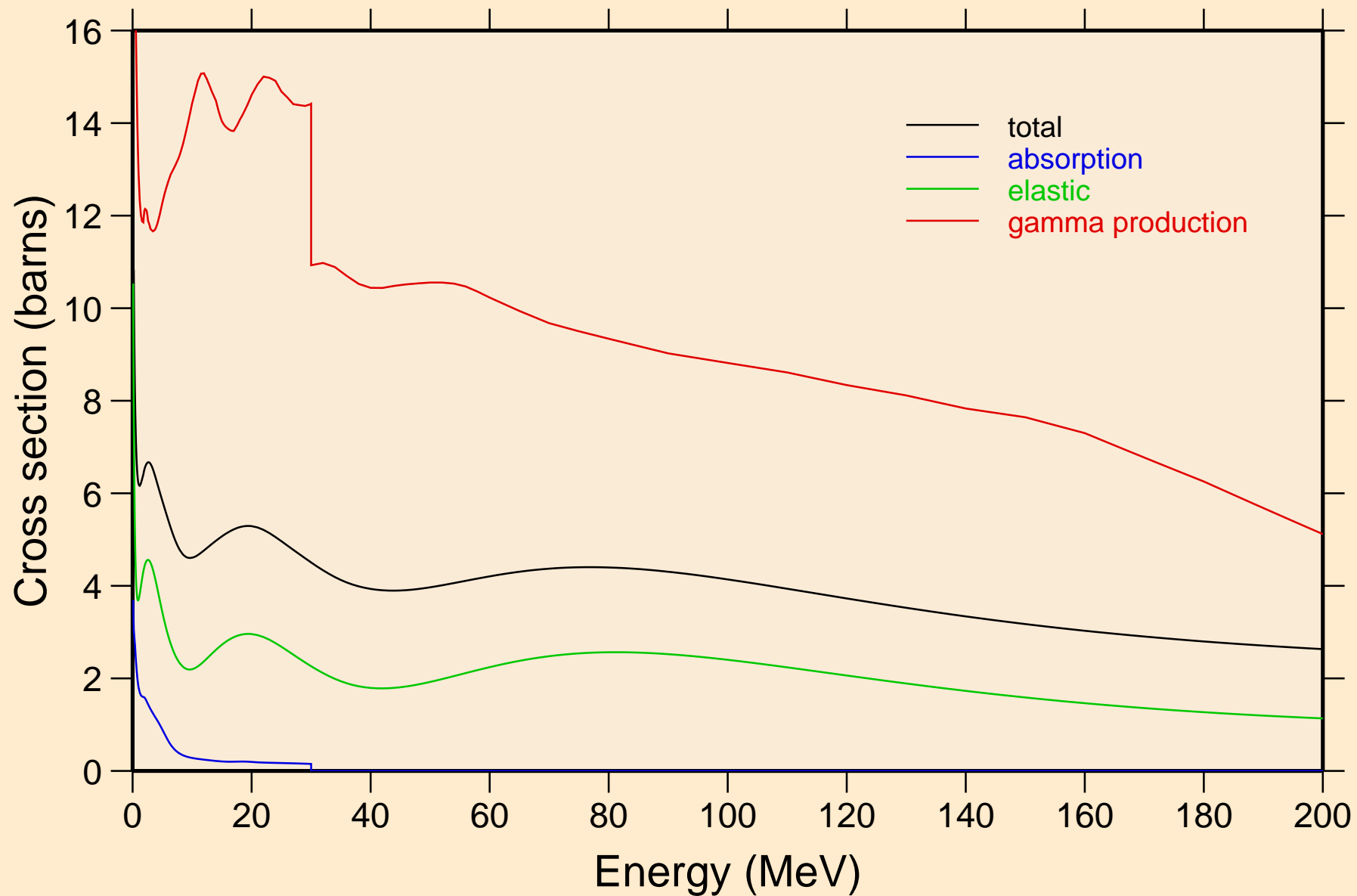
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



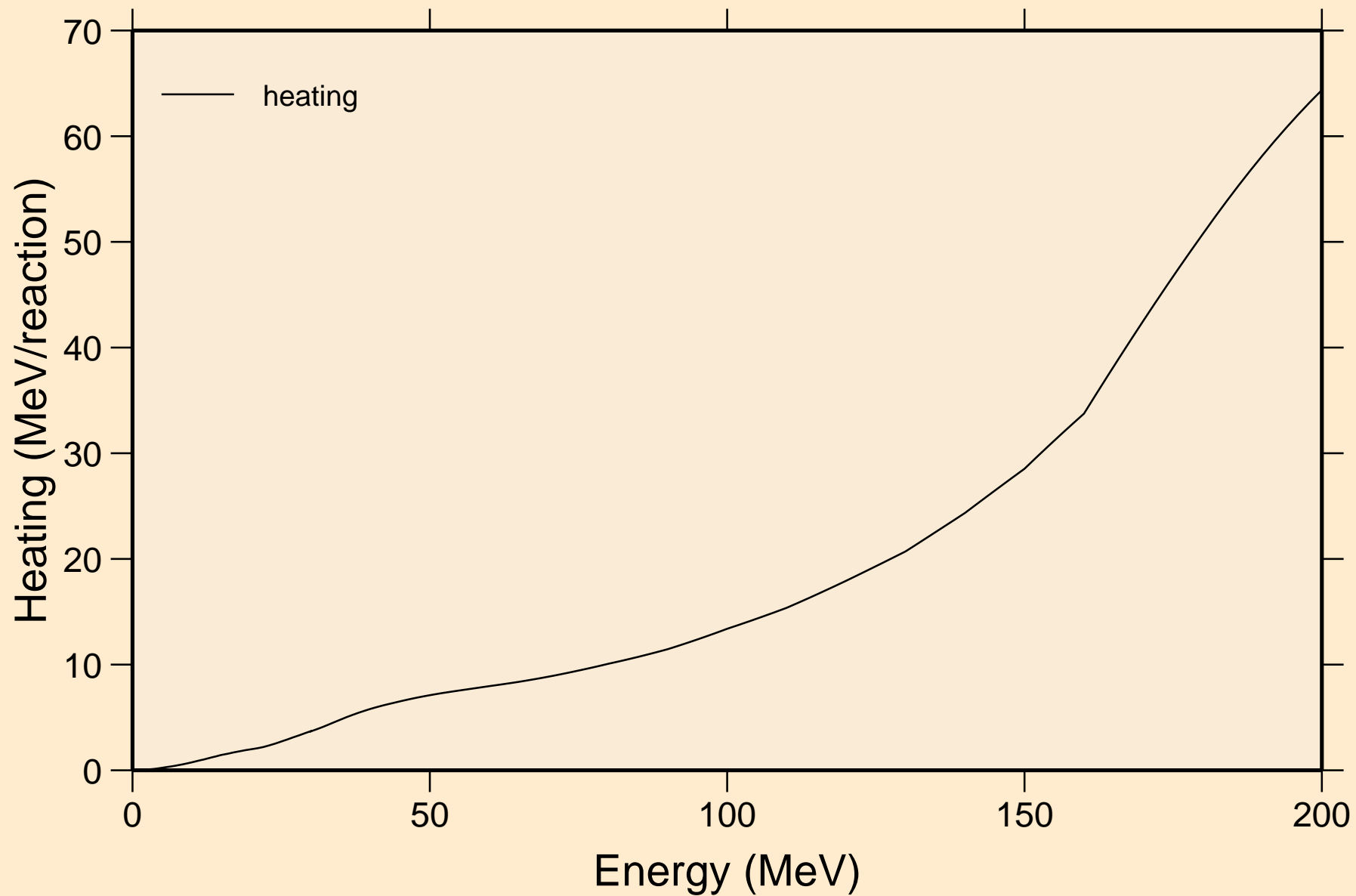
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



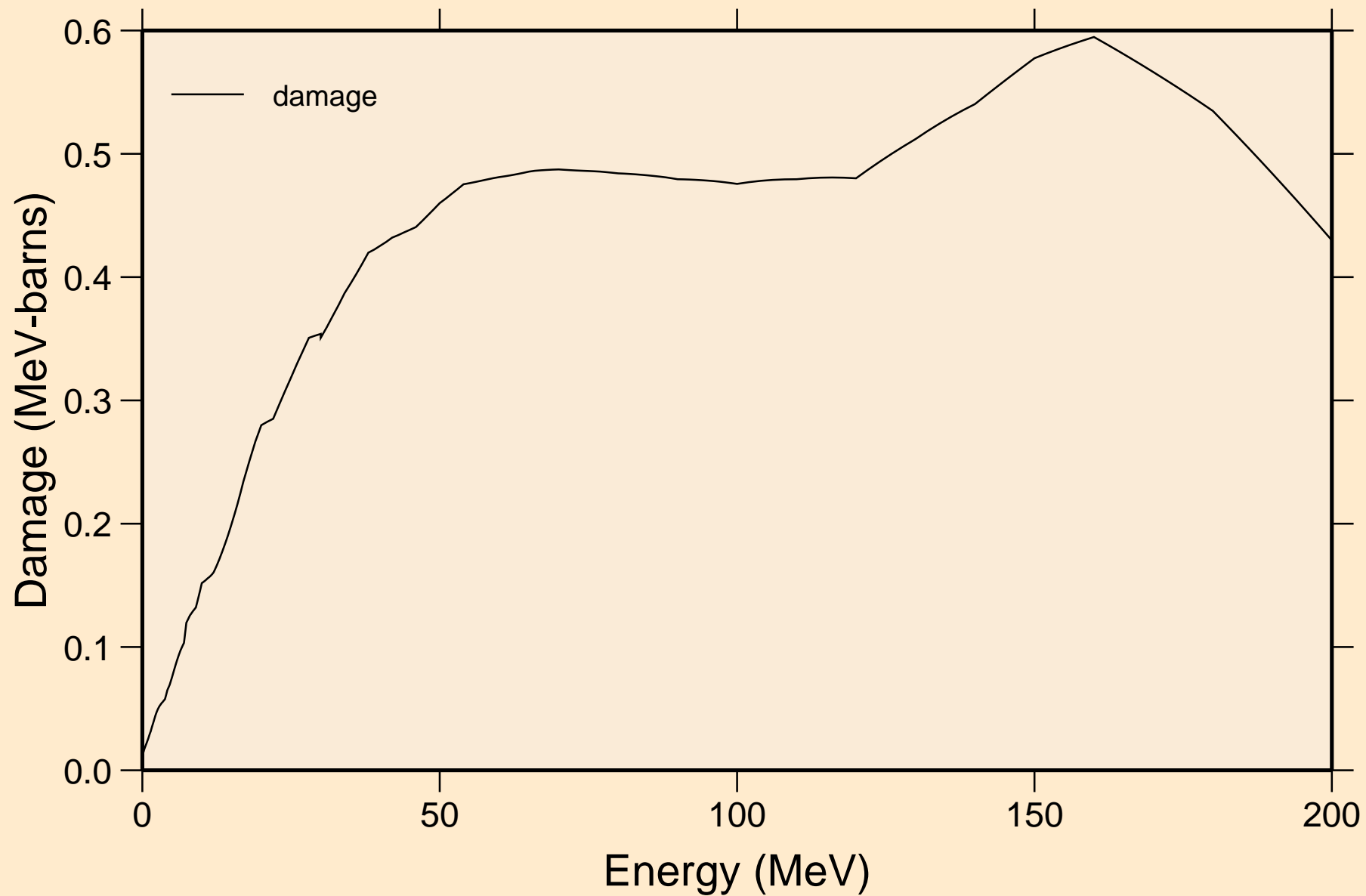
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Principal cross sections



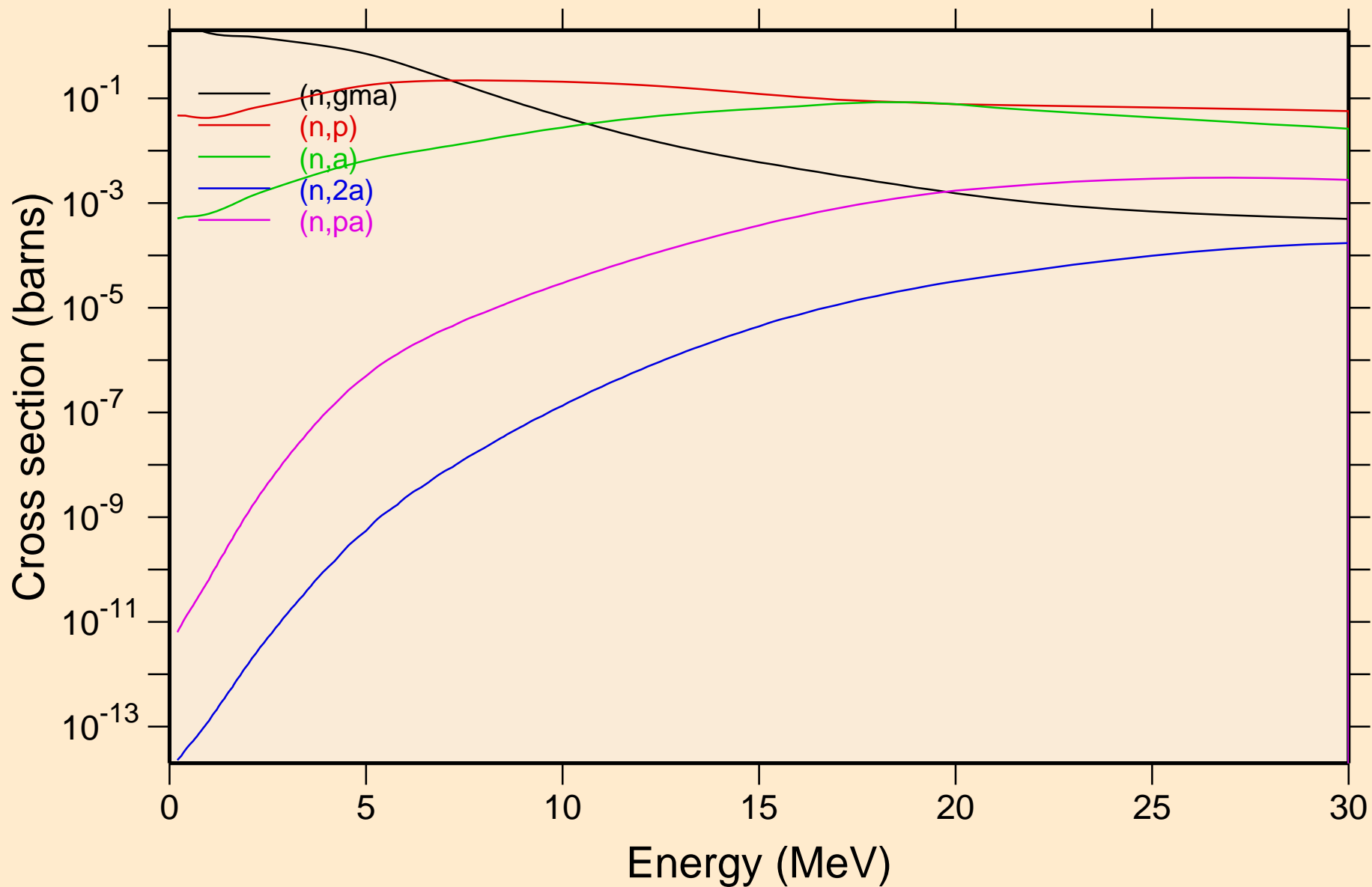
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



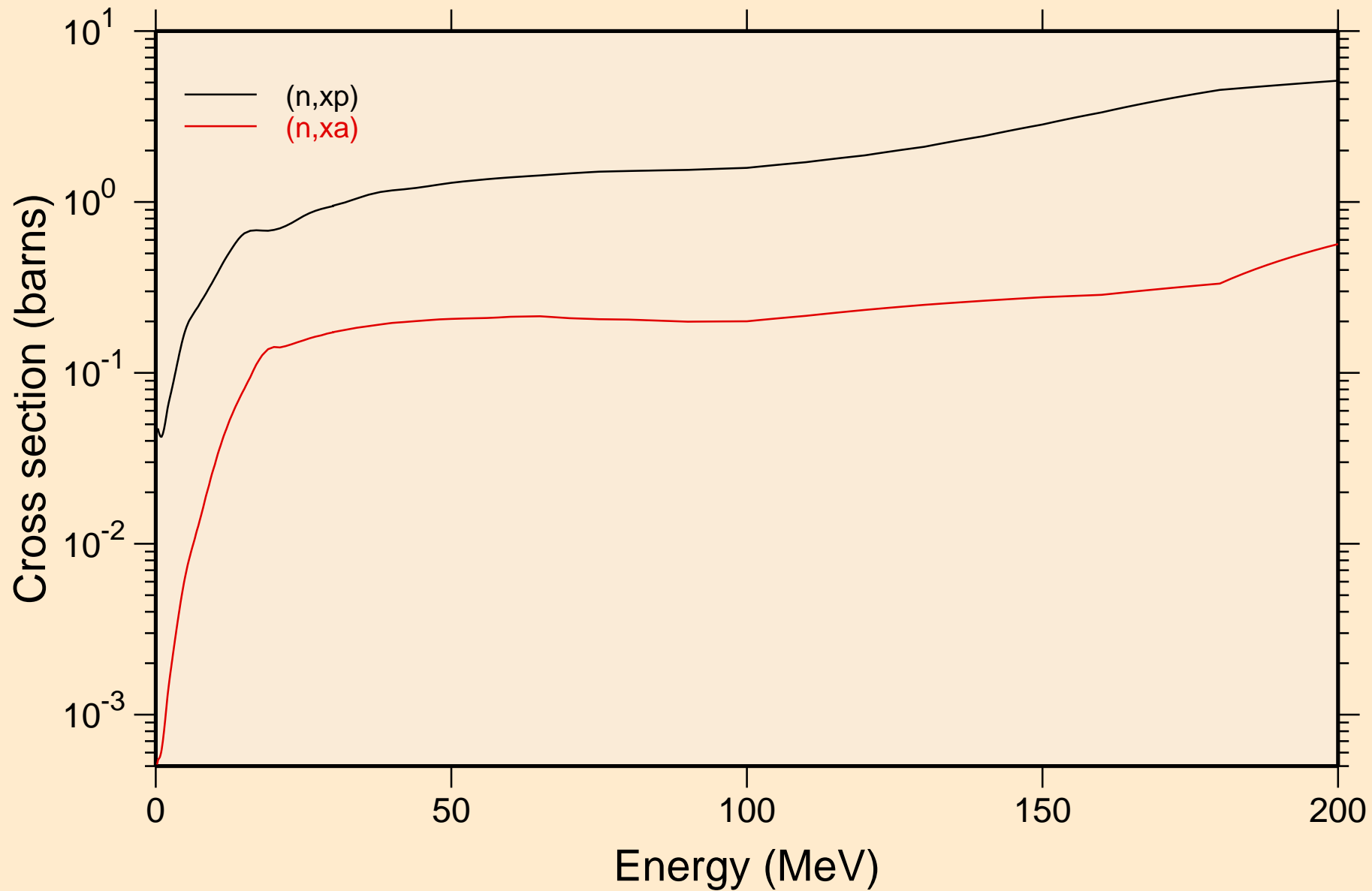
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



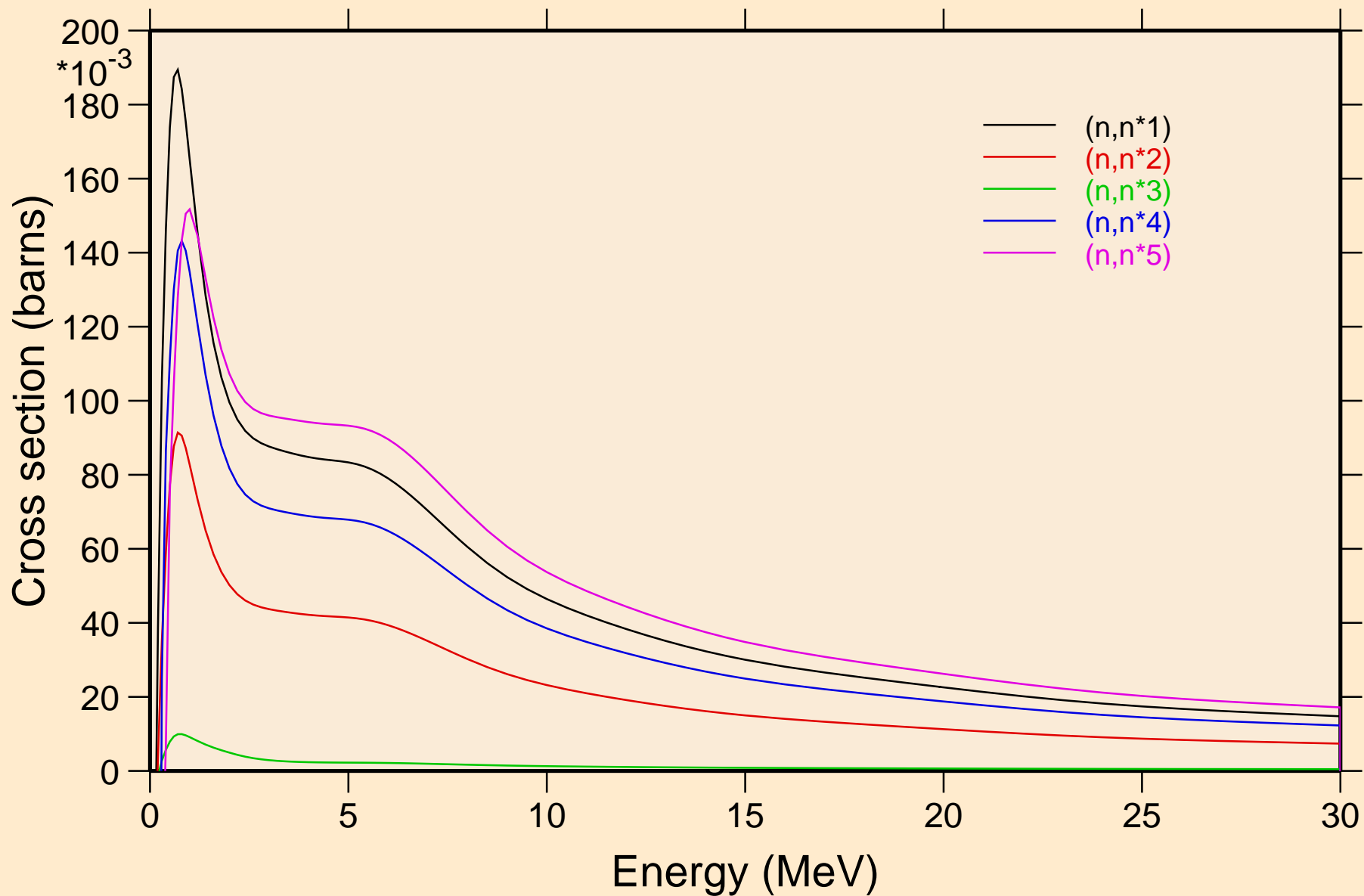
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



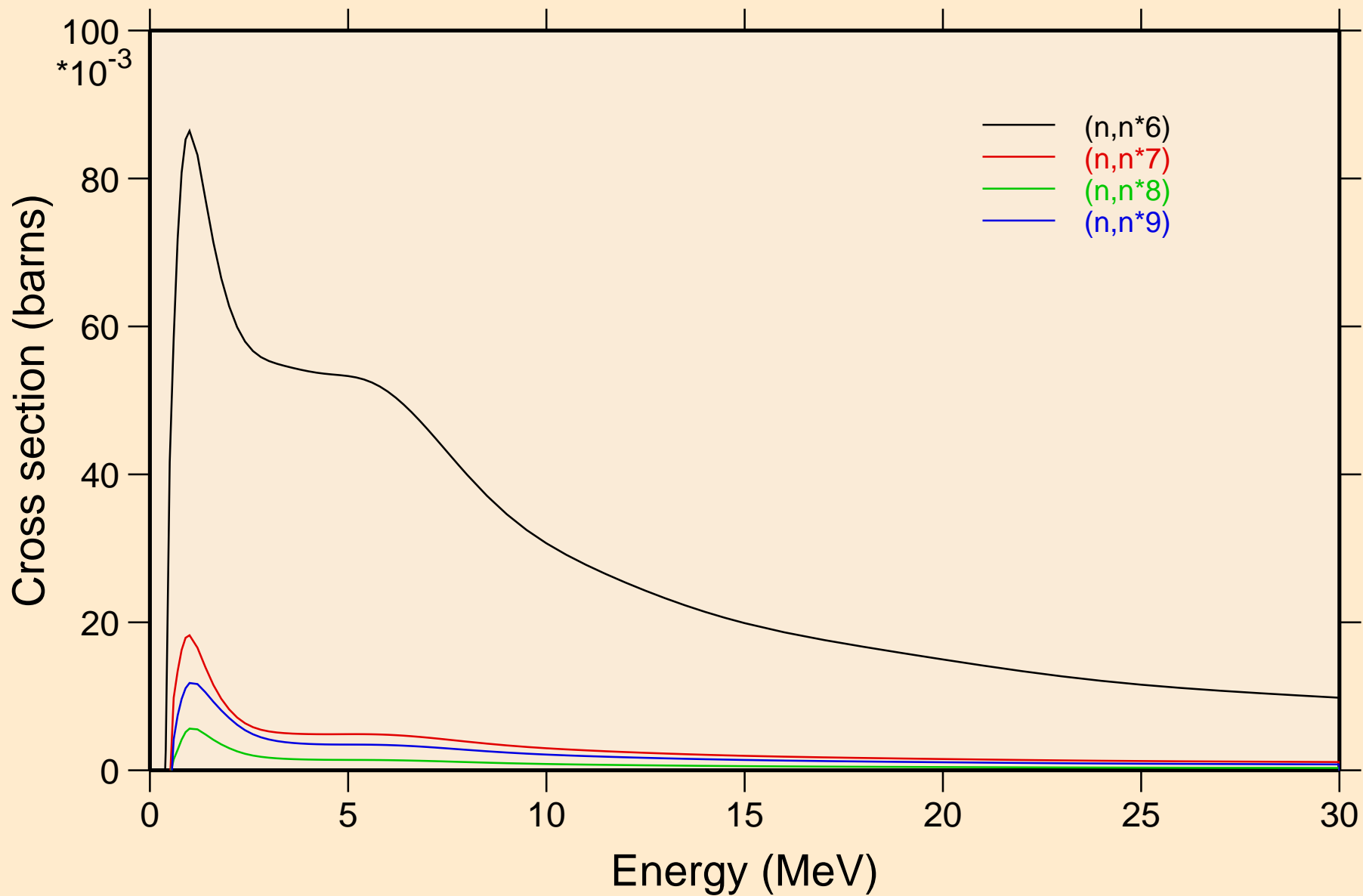
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



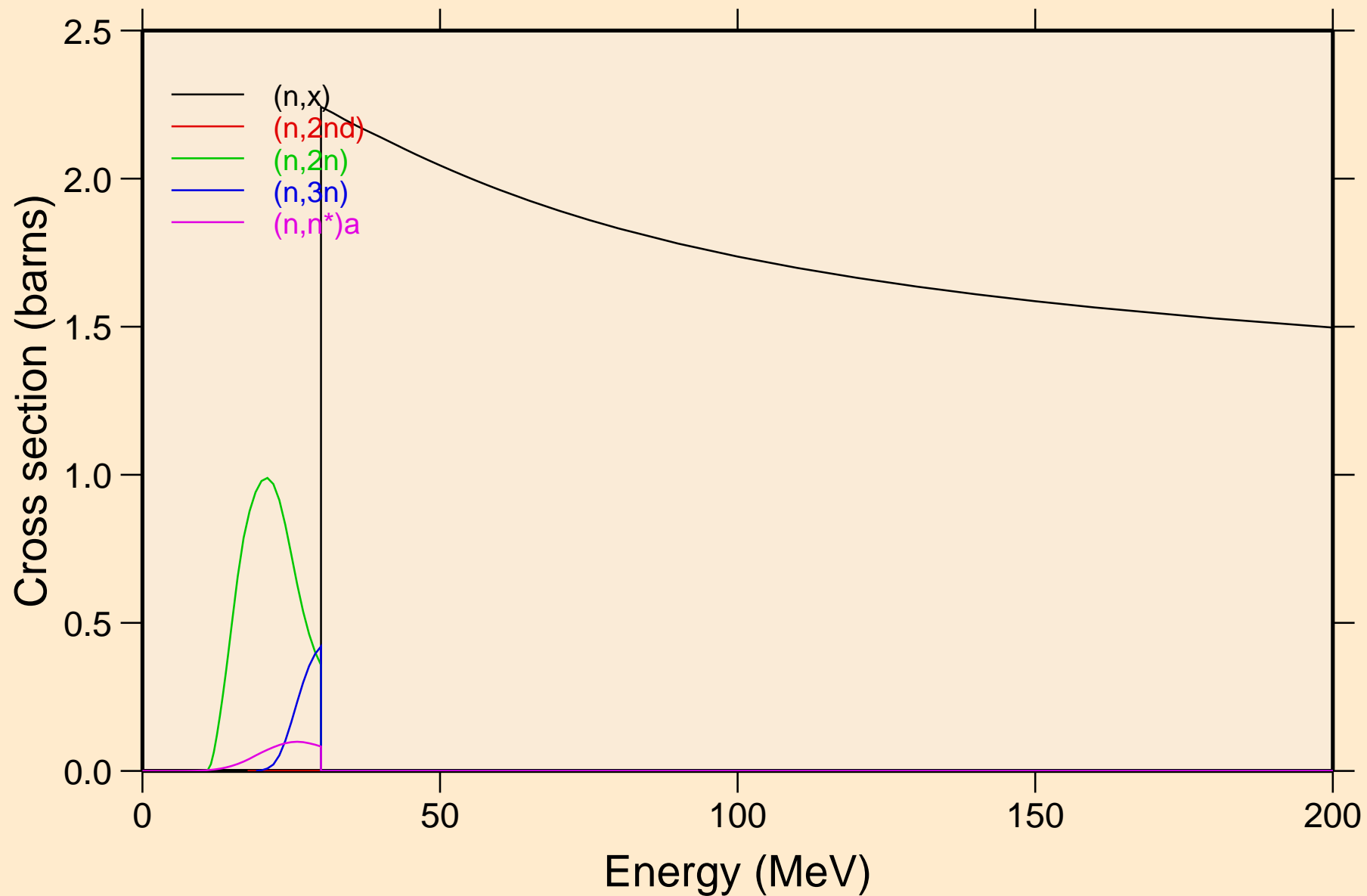
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



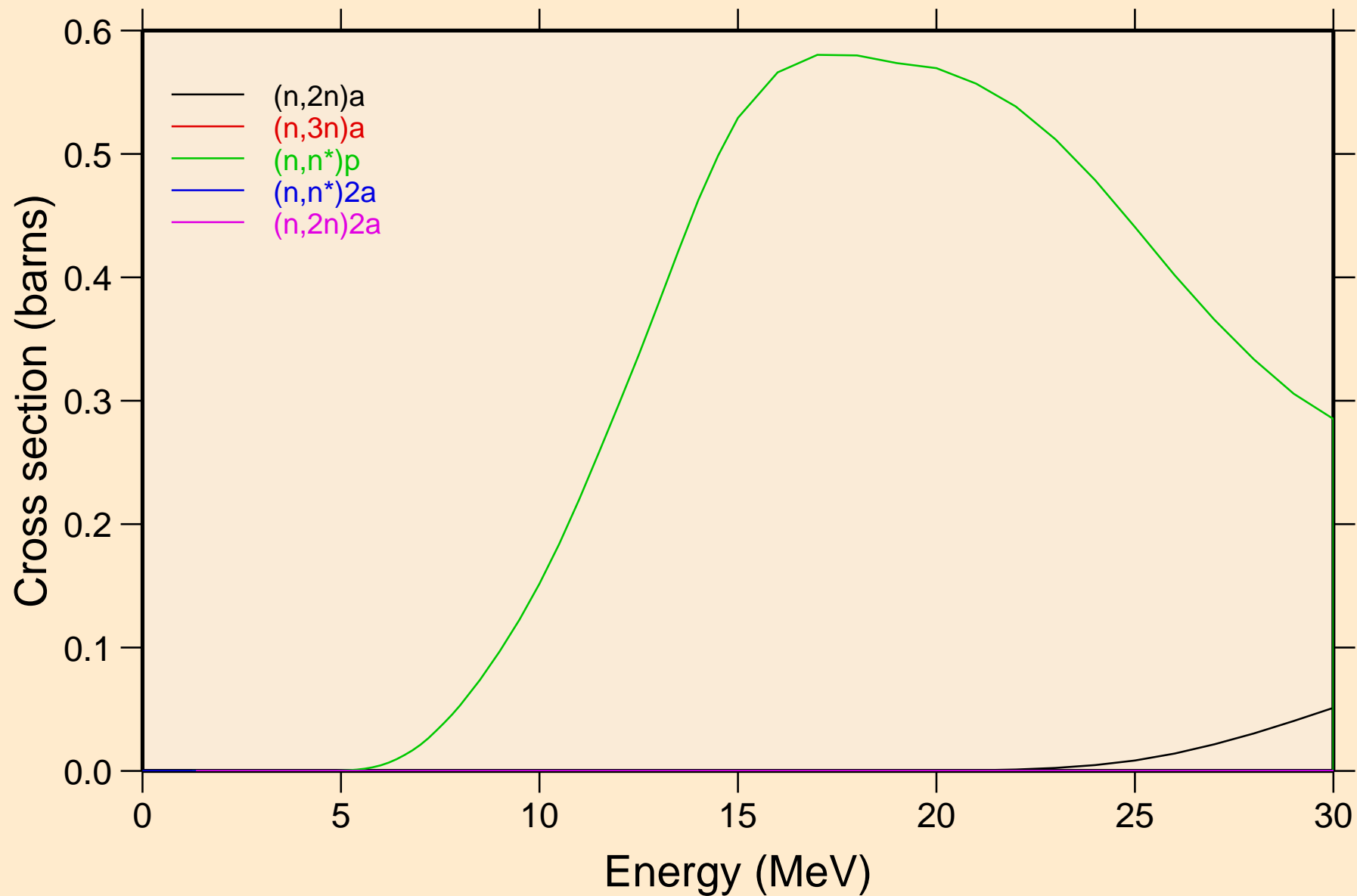
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



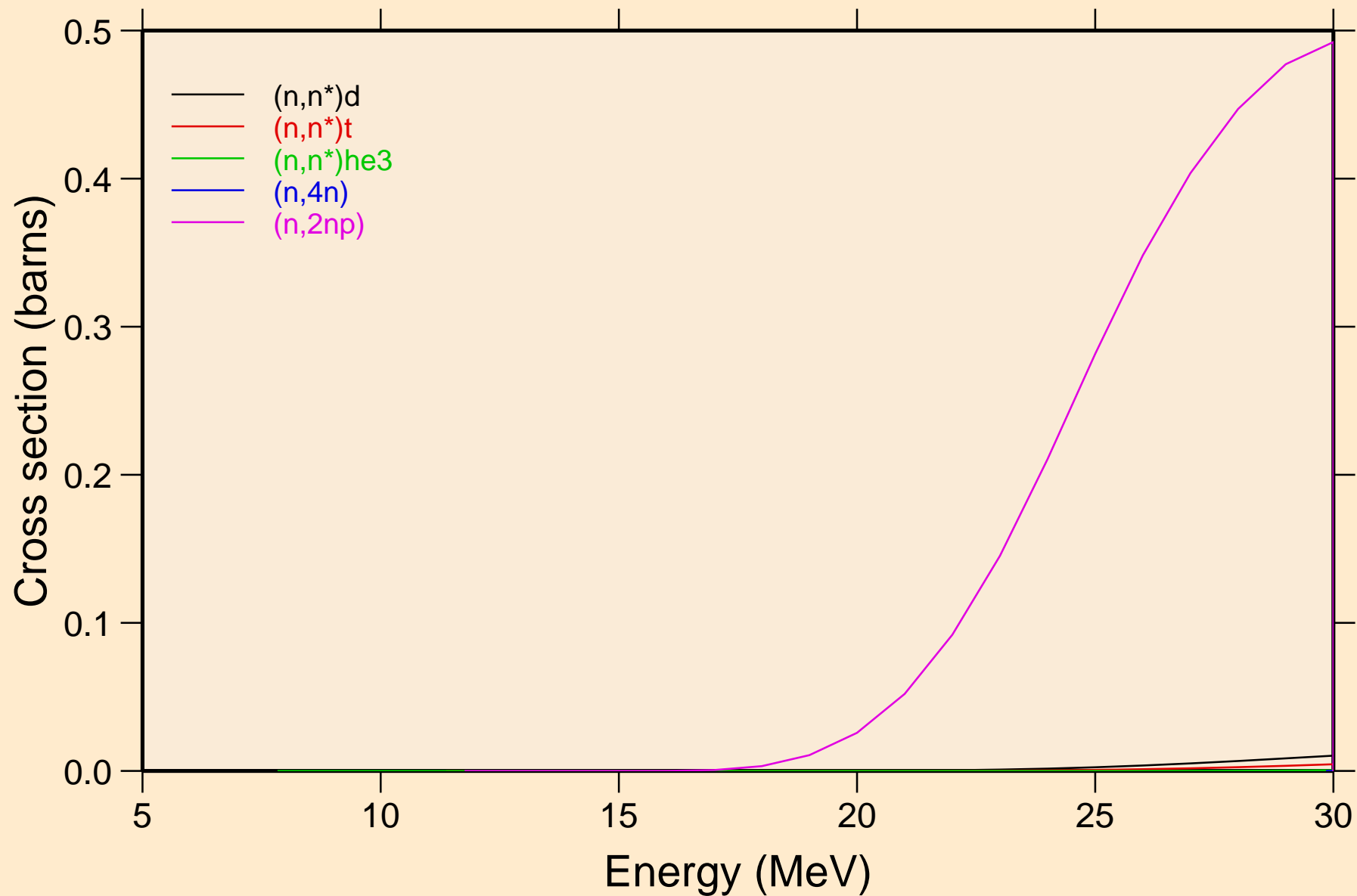
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



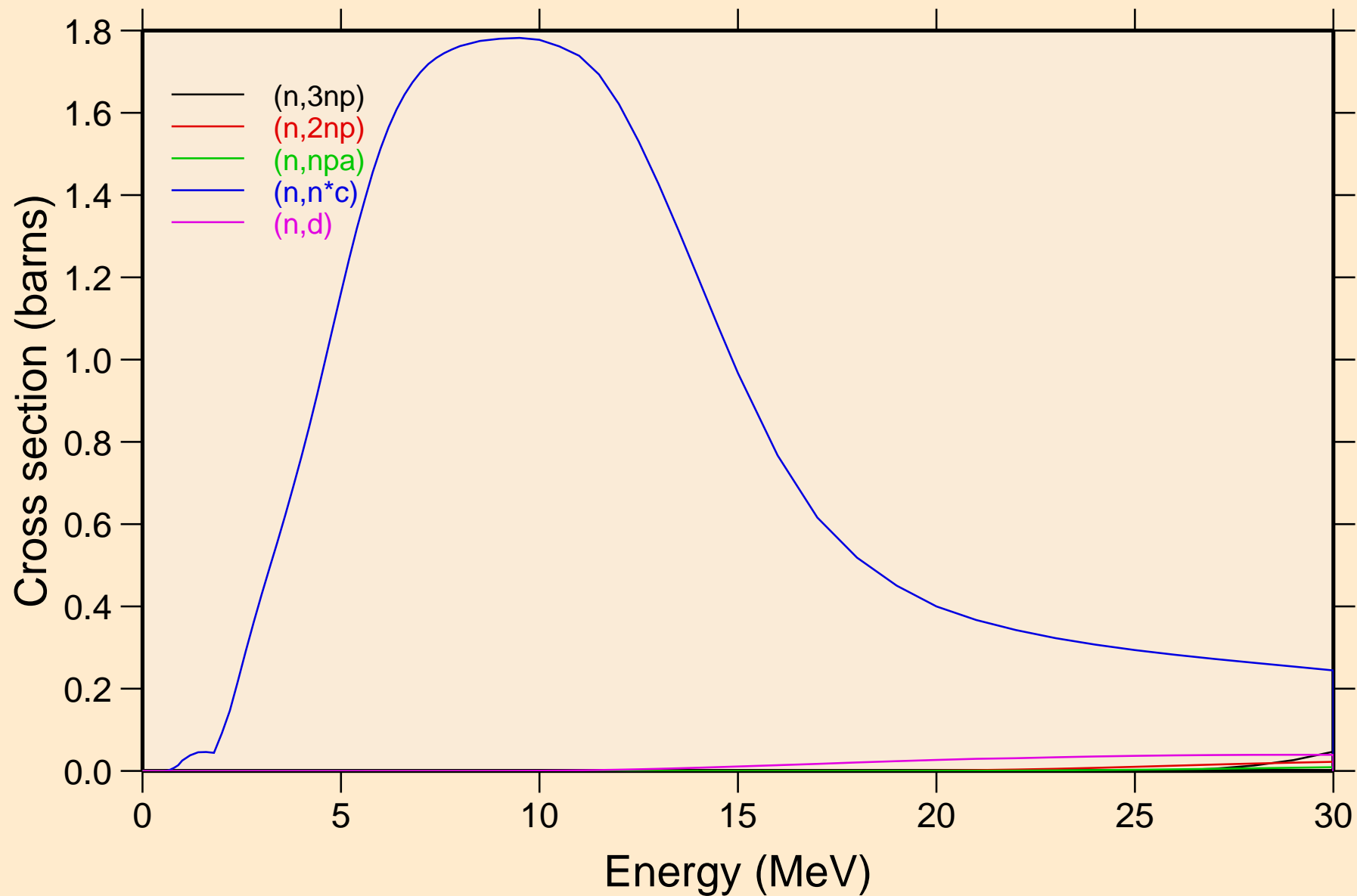
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



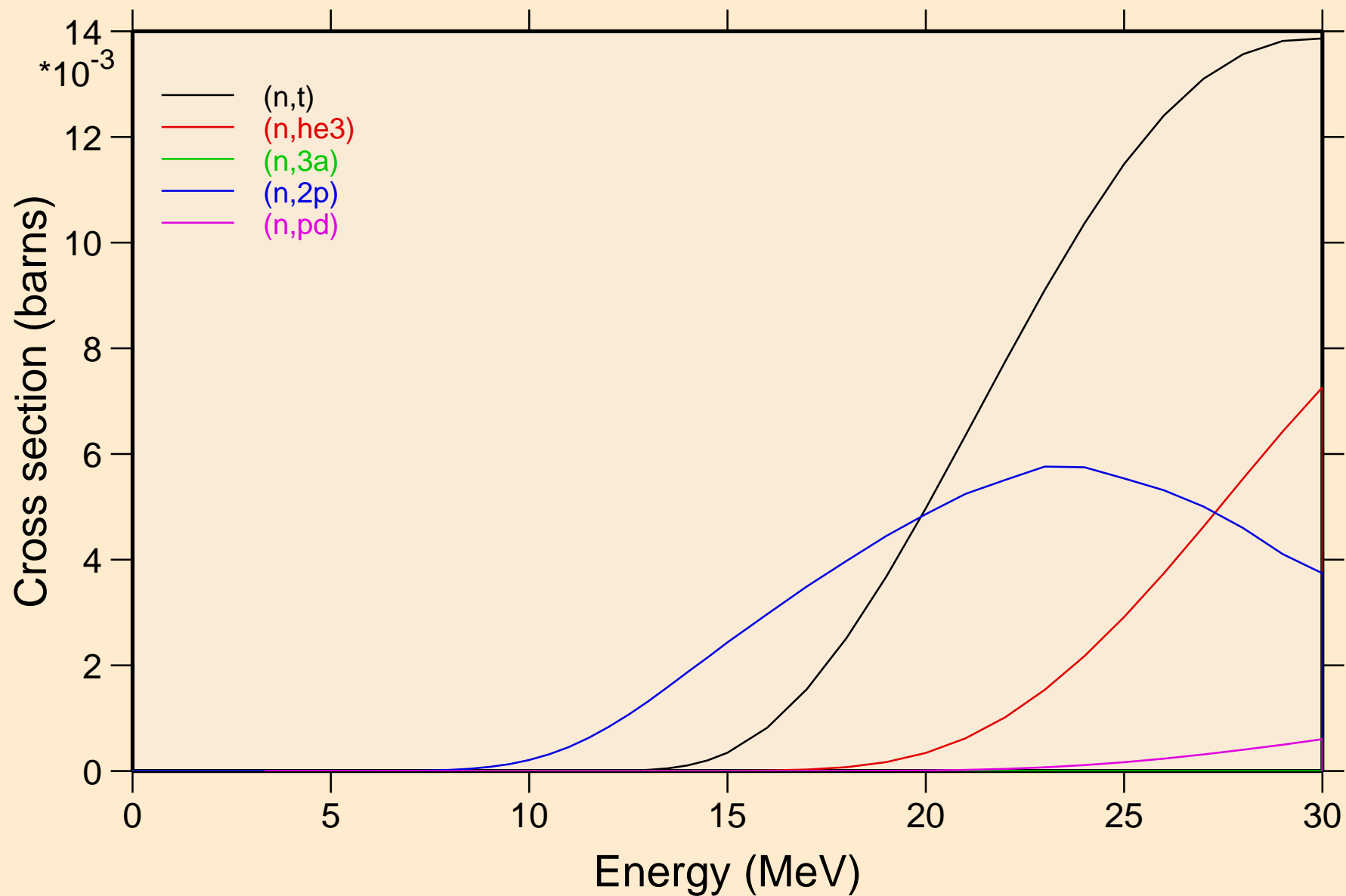
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



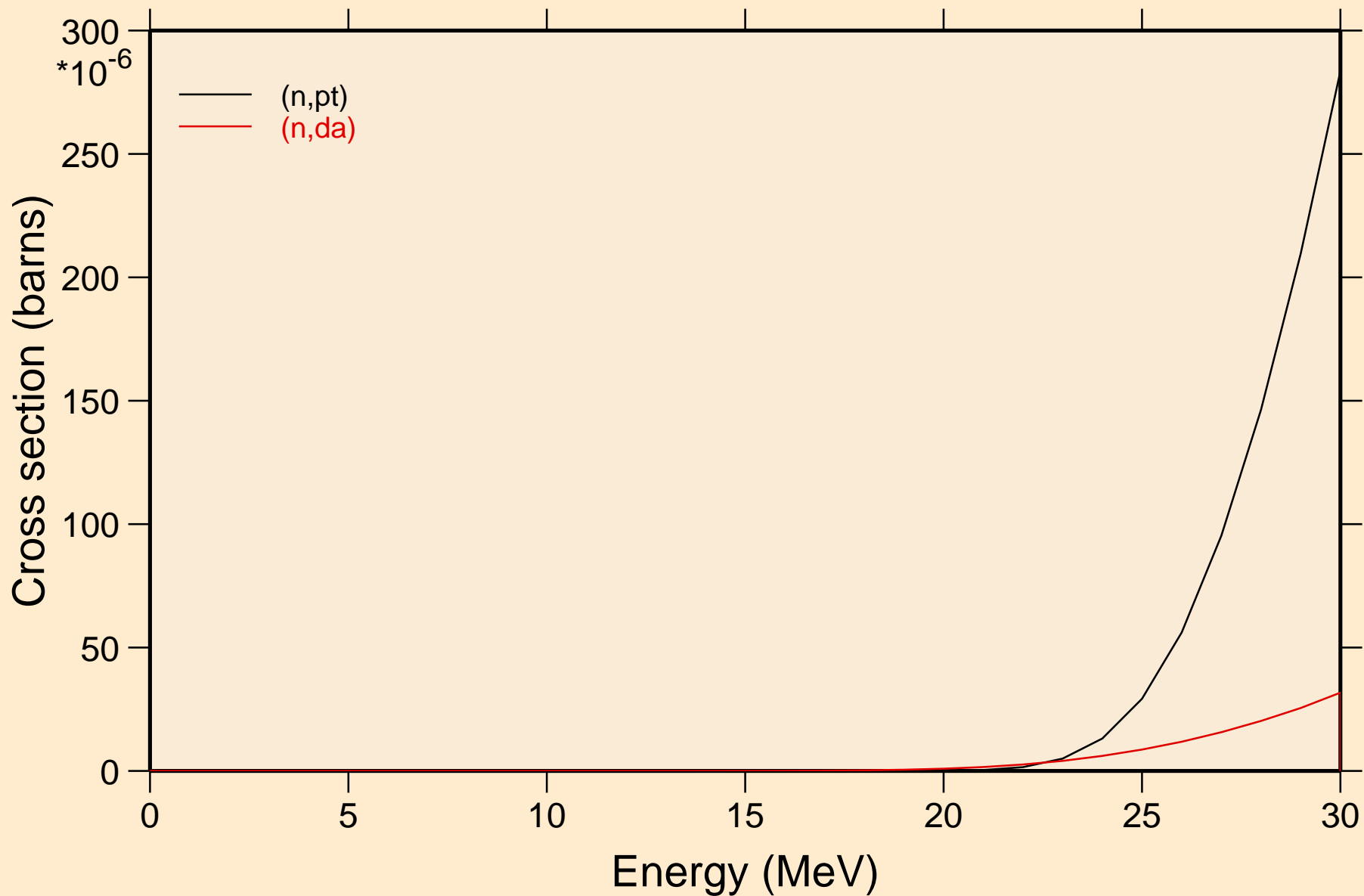
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



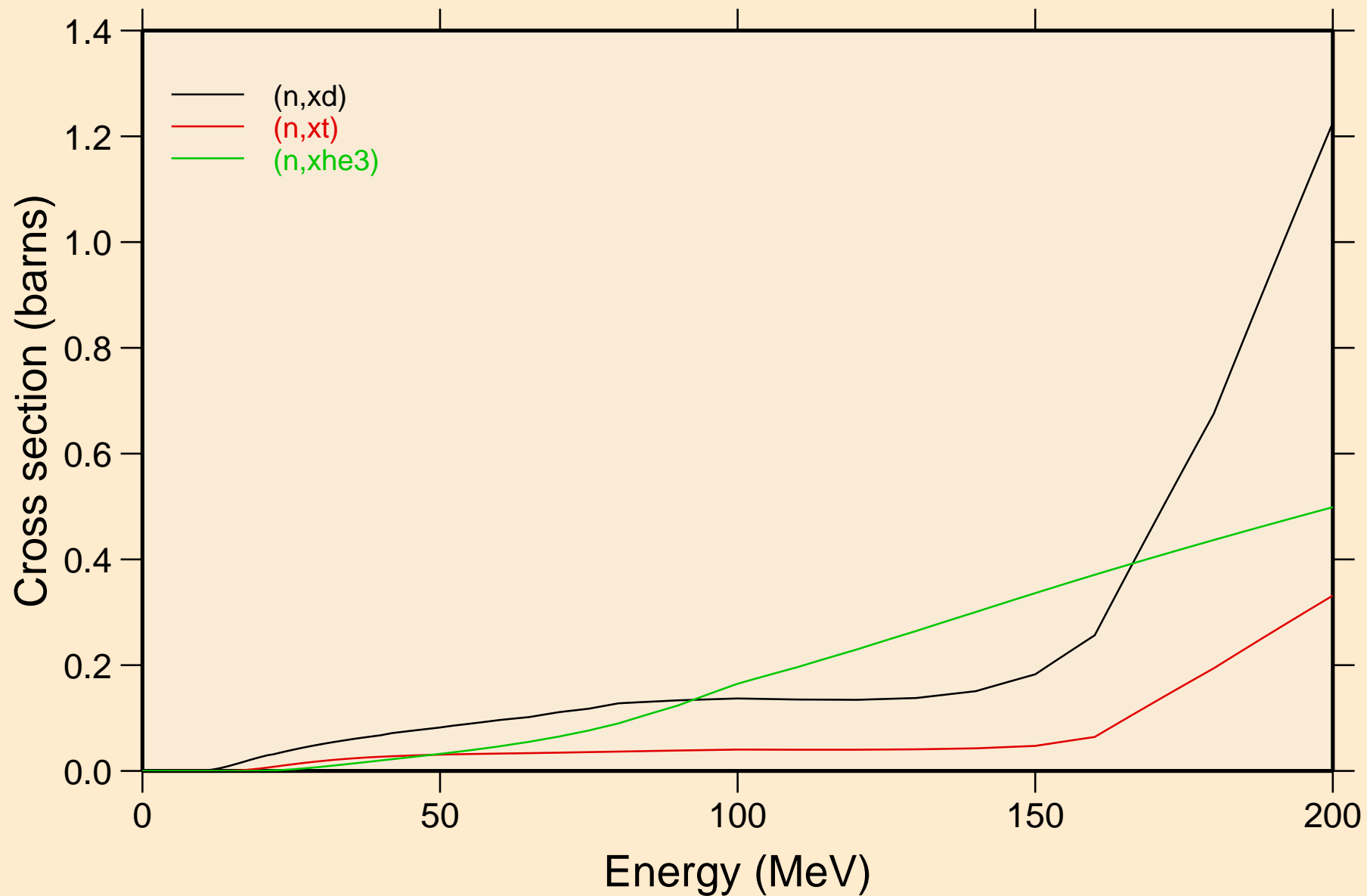
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



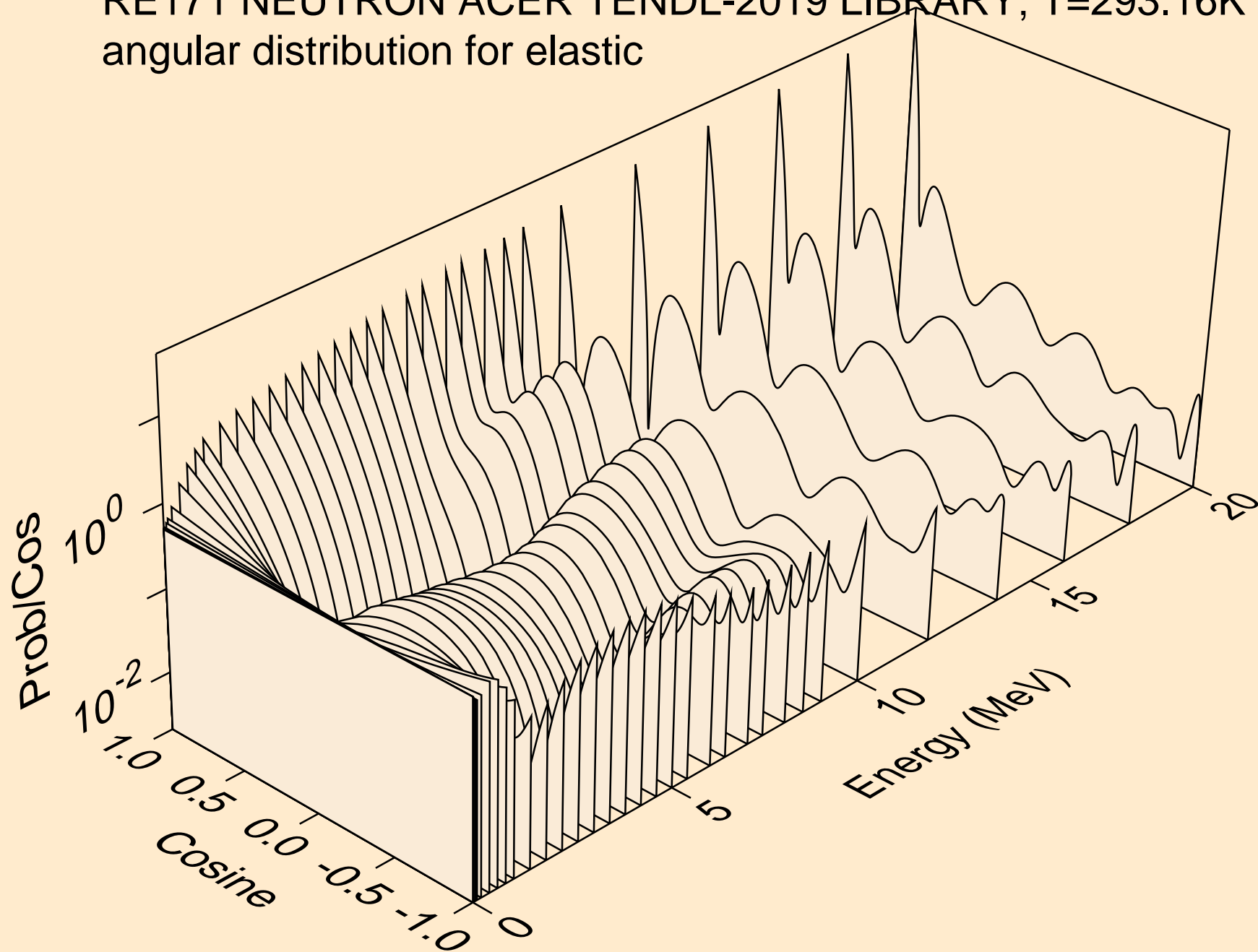
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



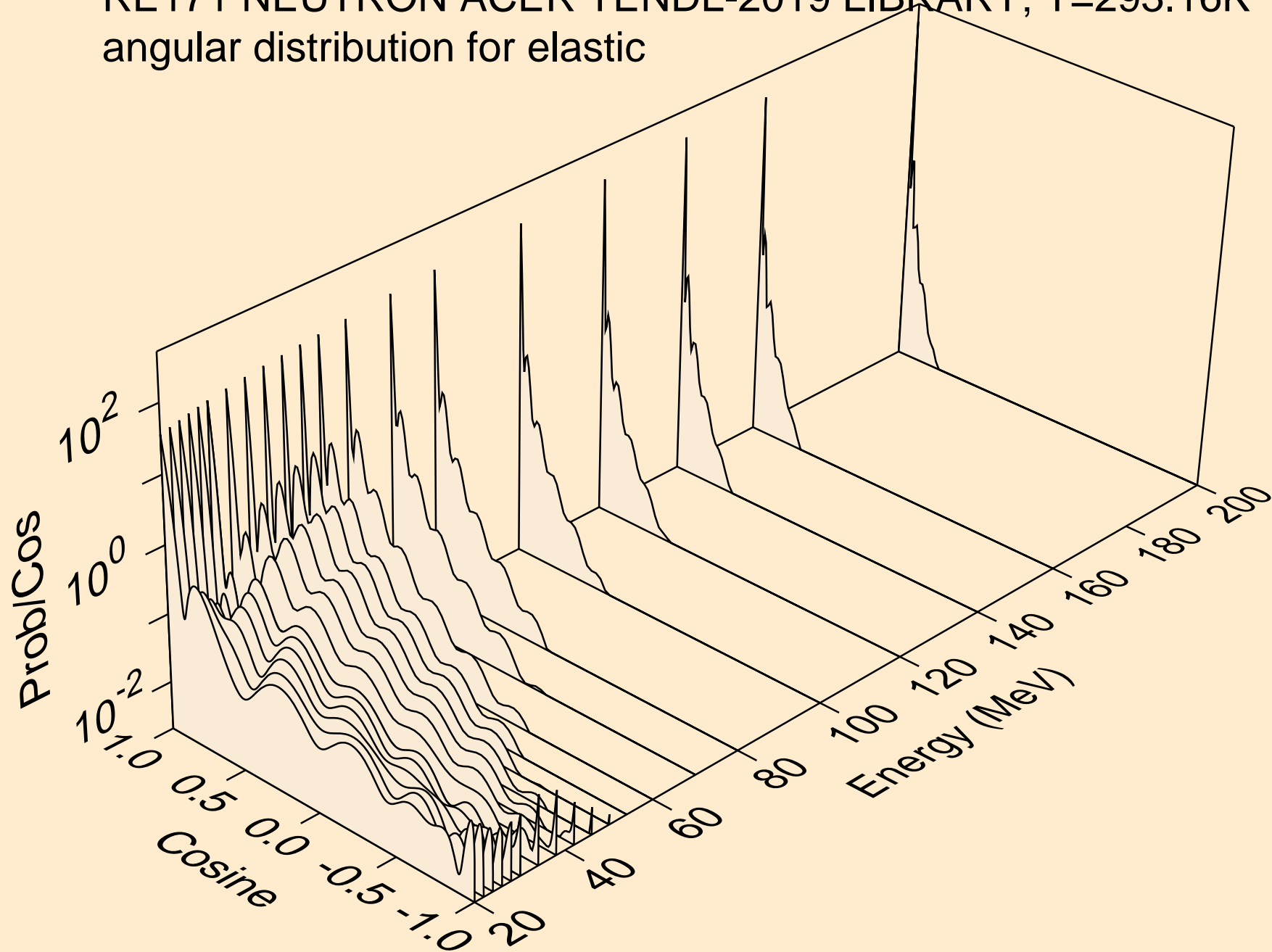
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



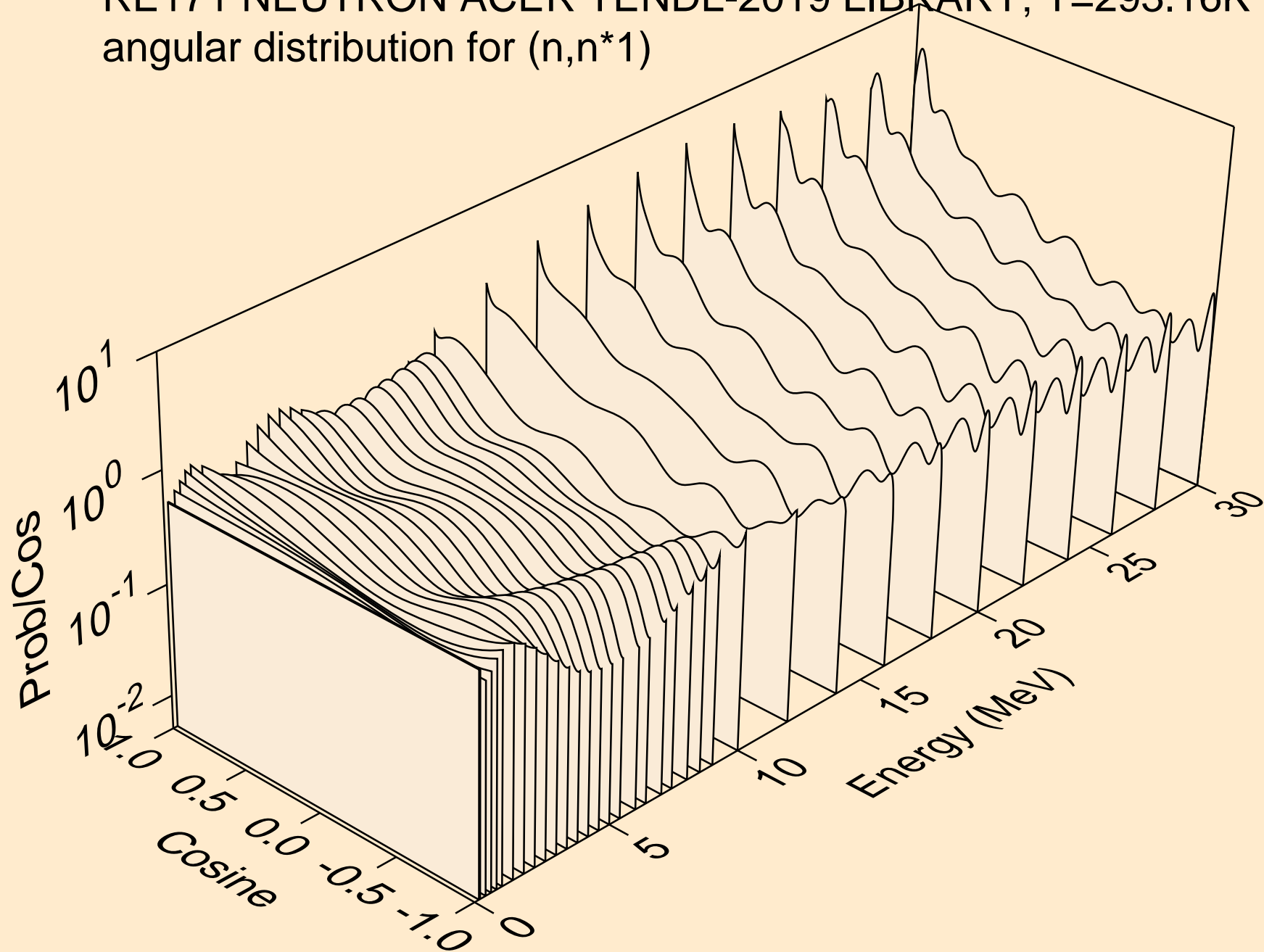
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



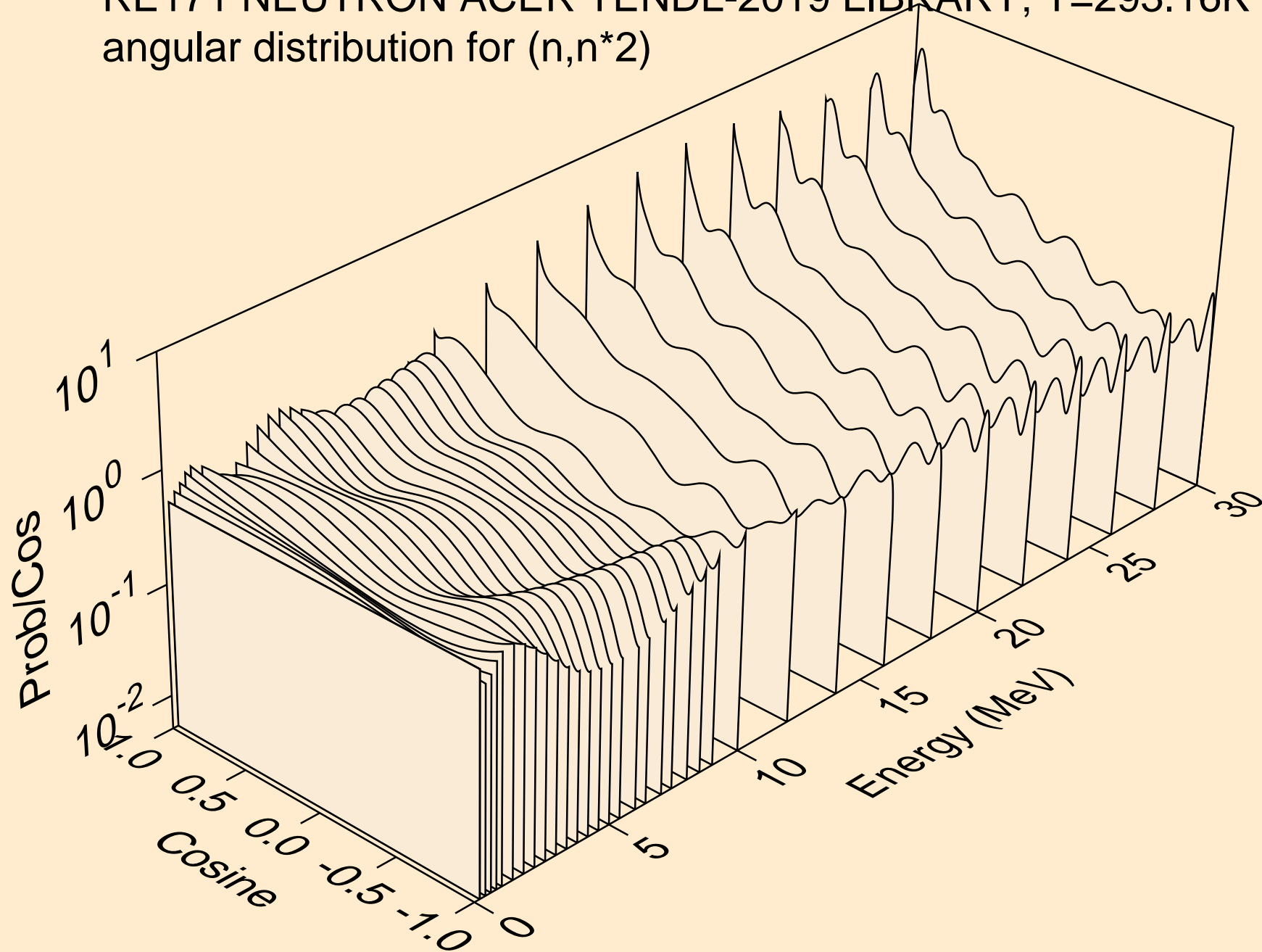
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



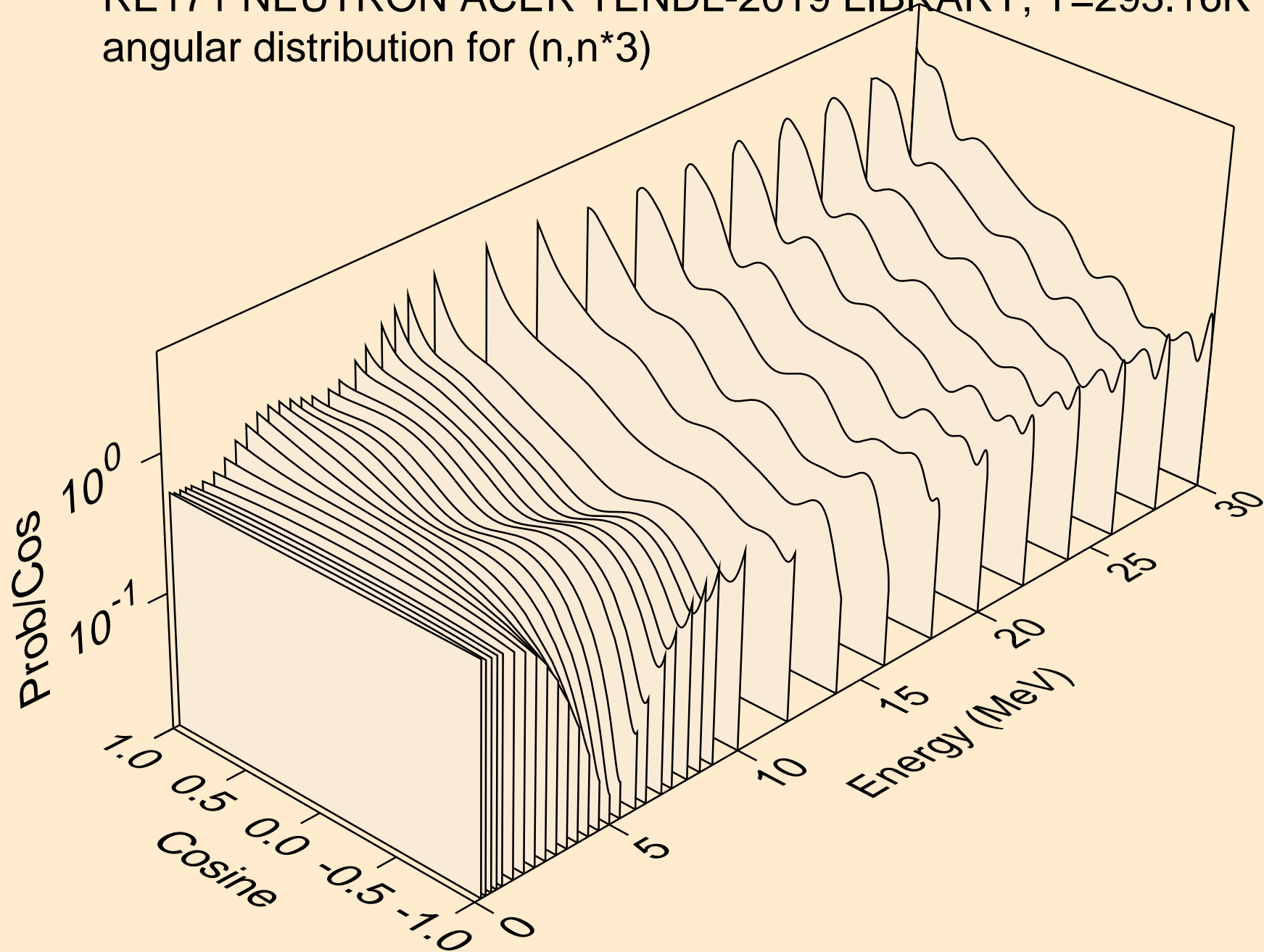
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



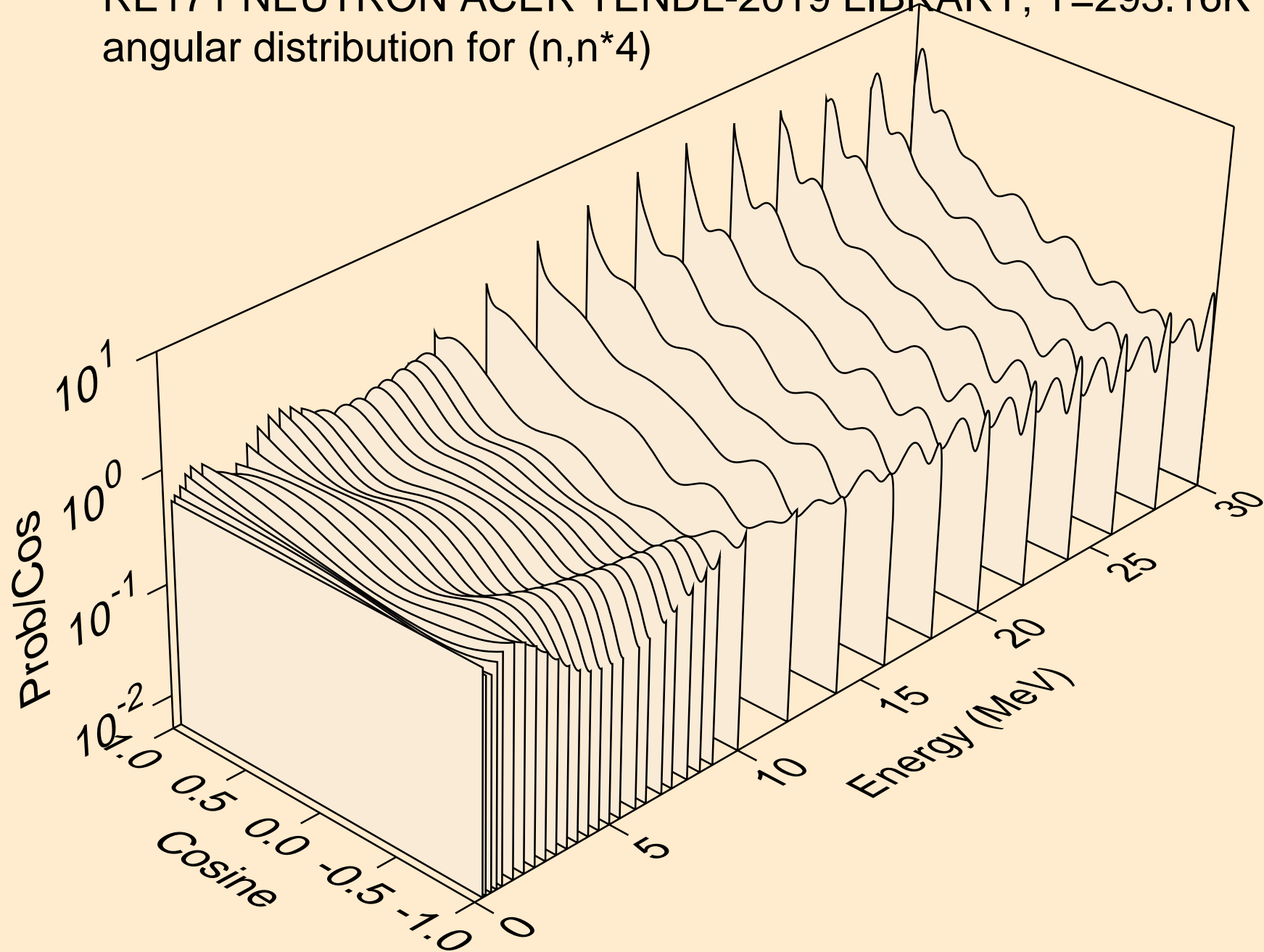
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



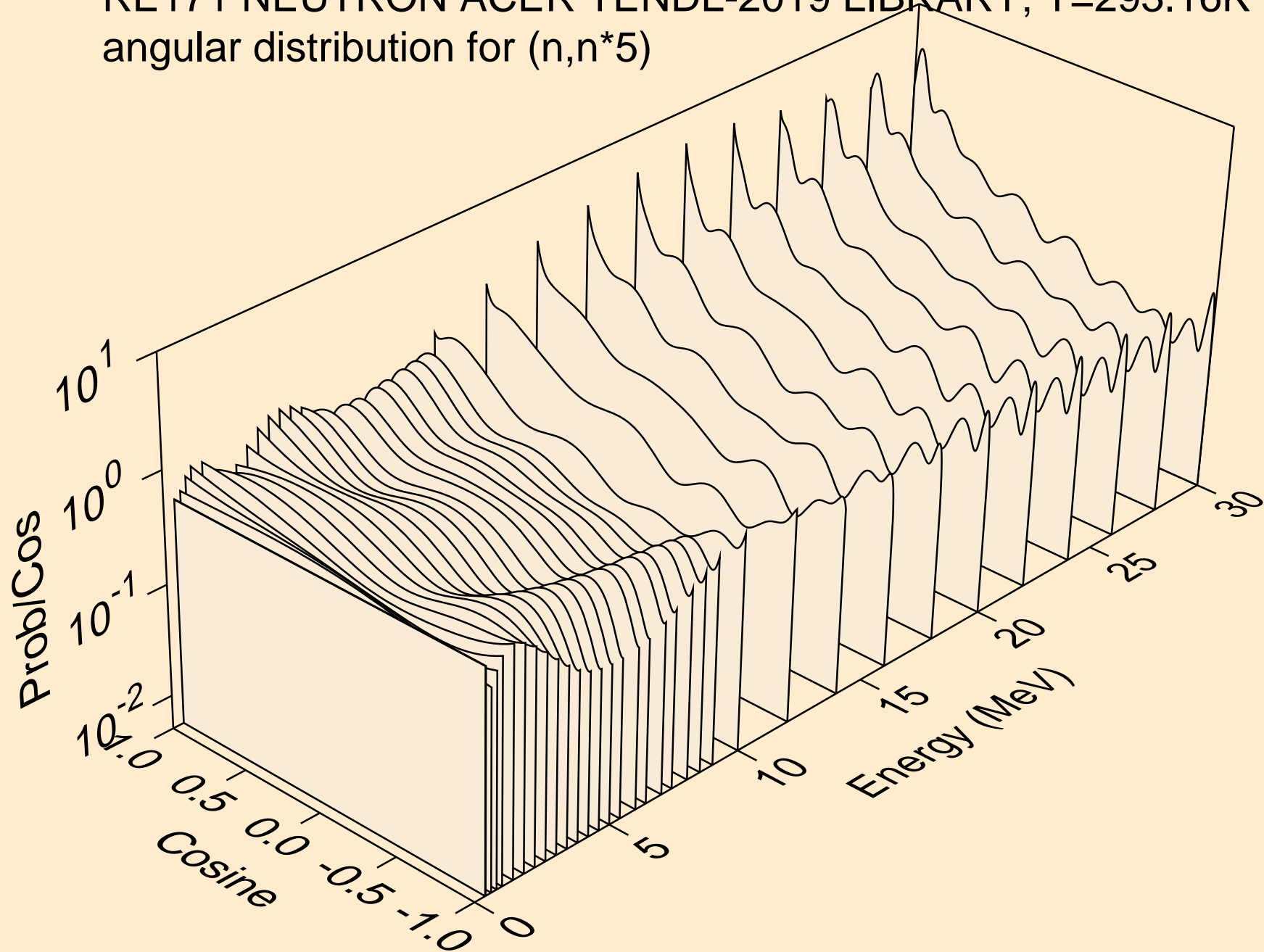
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



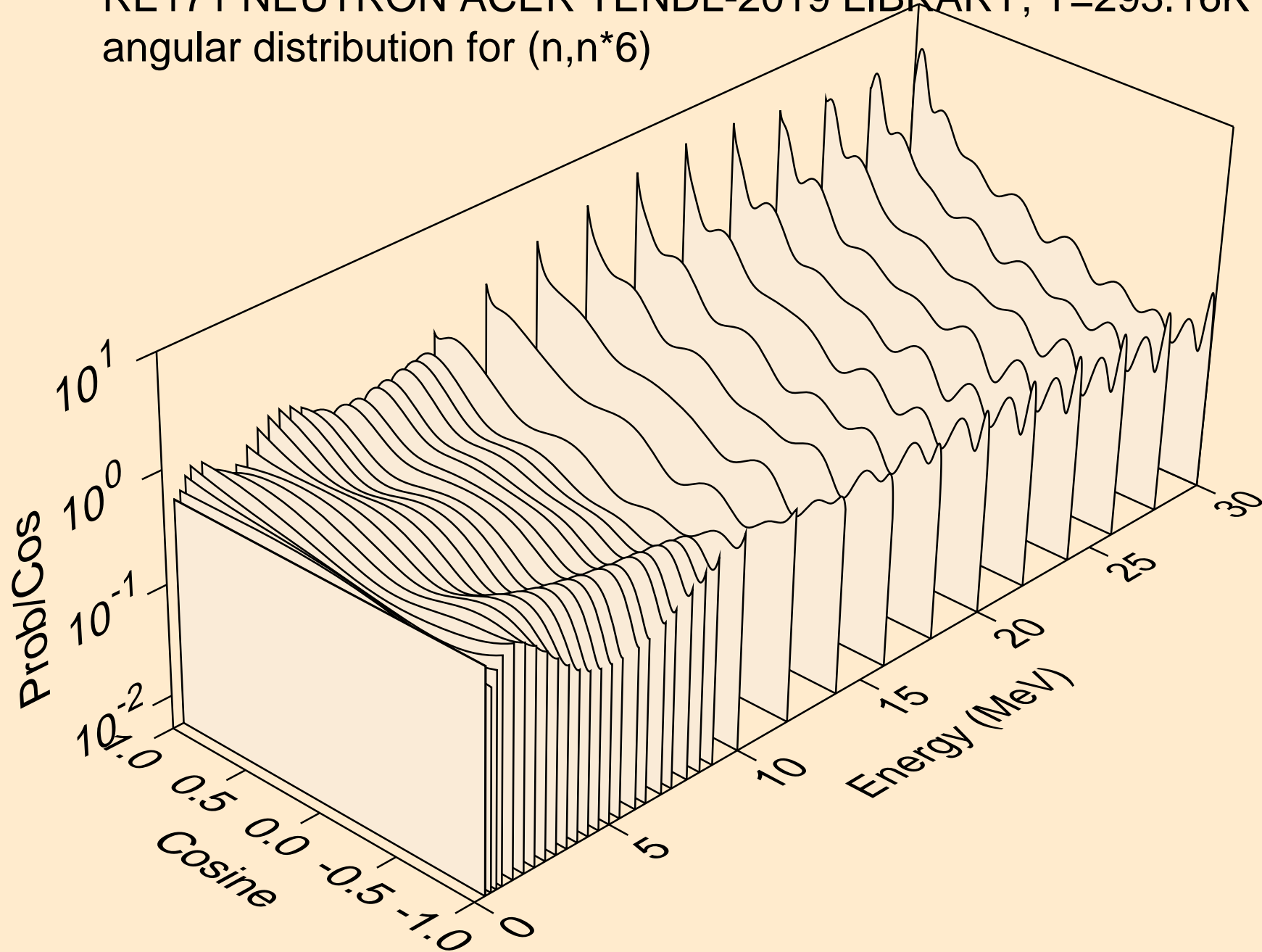
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



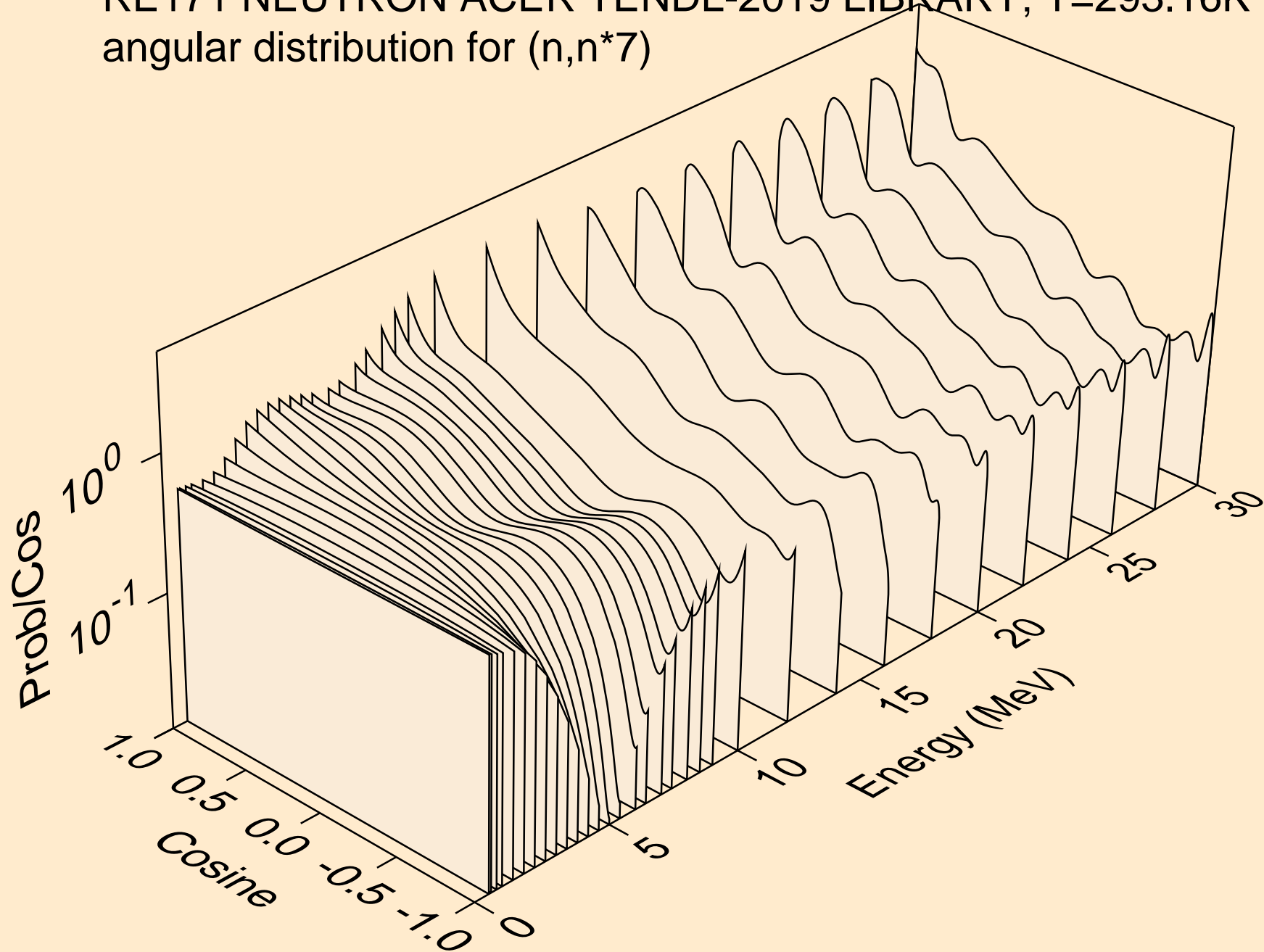
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



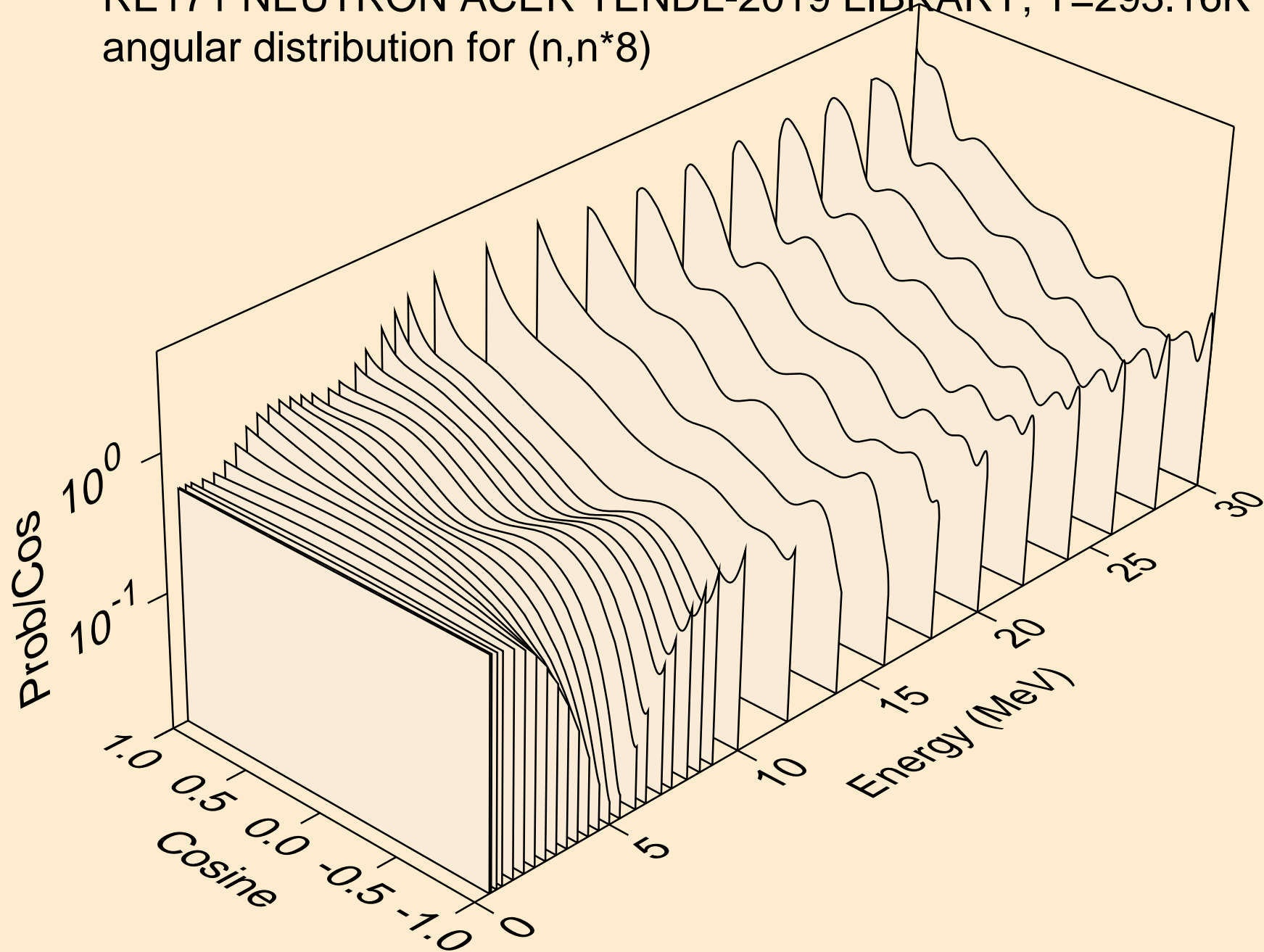
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



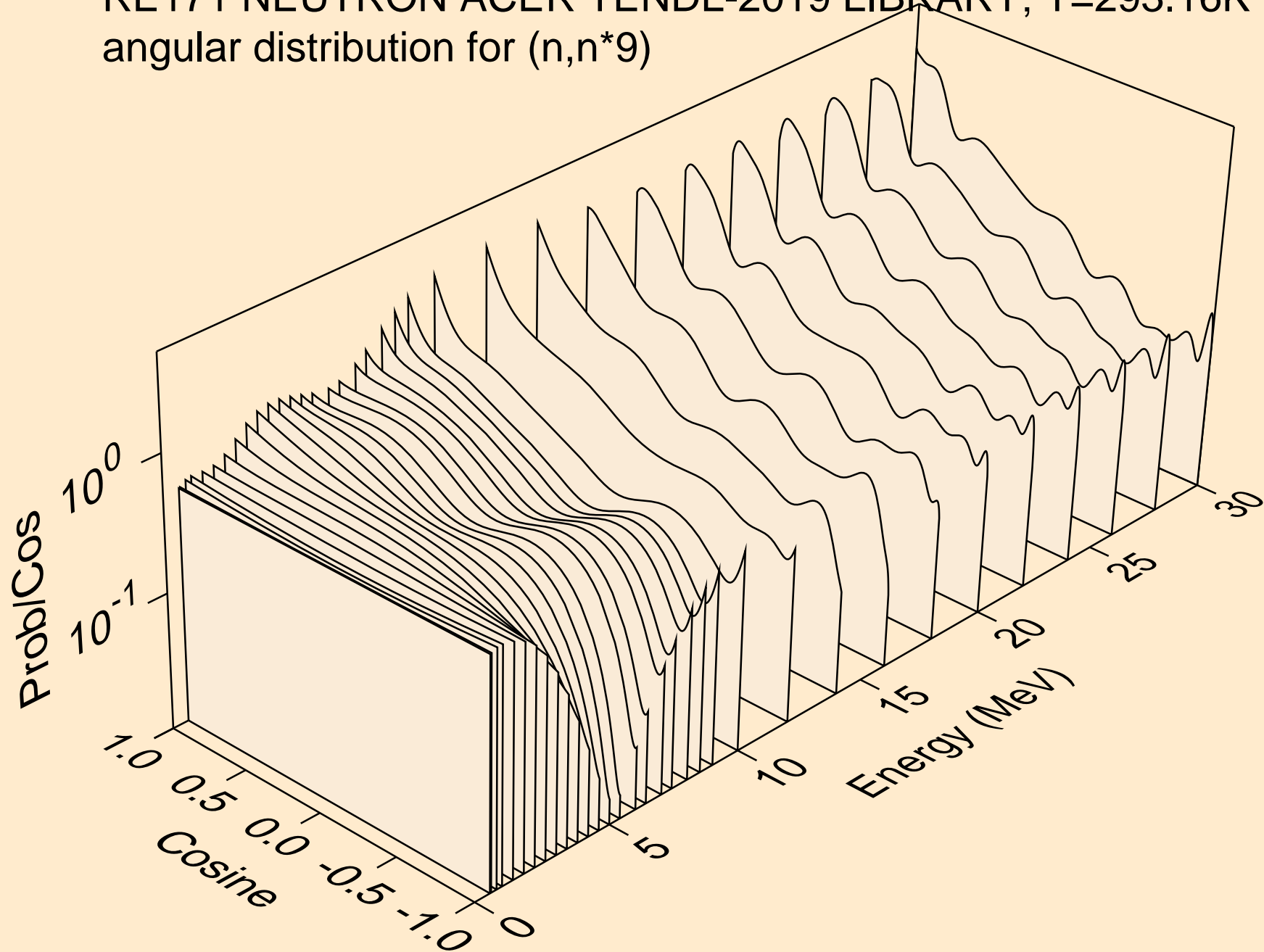
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



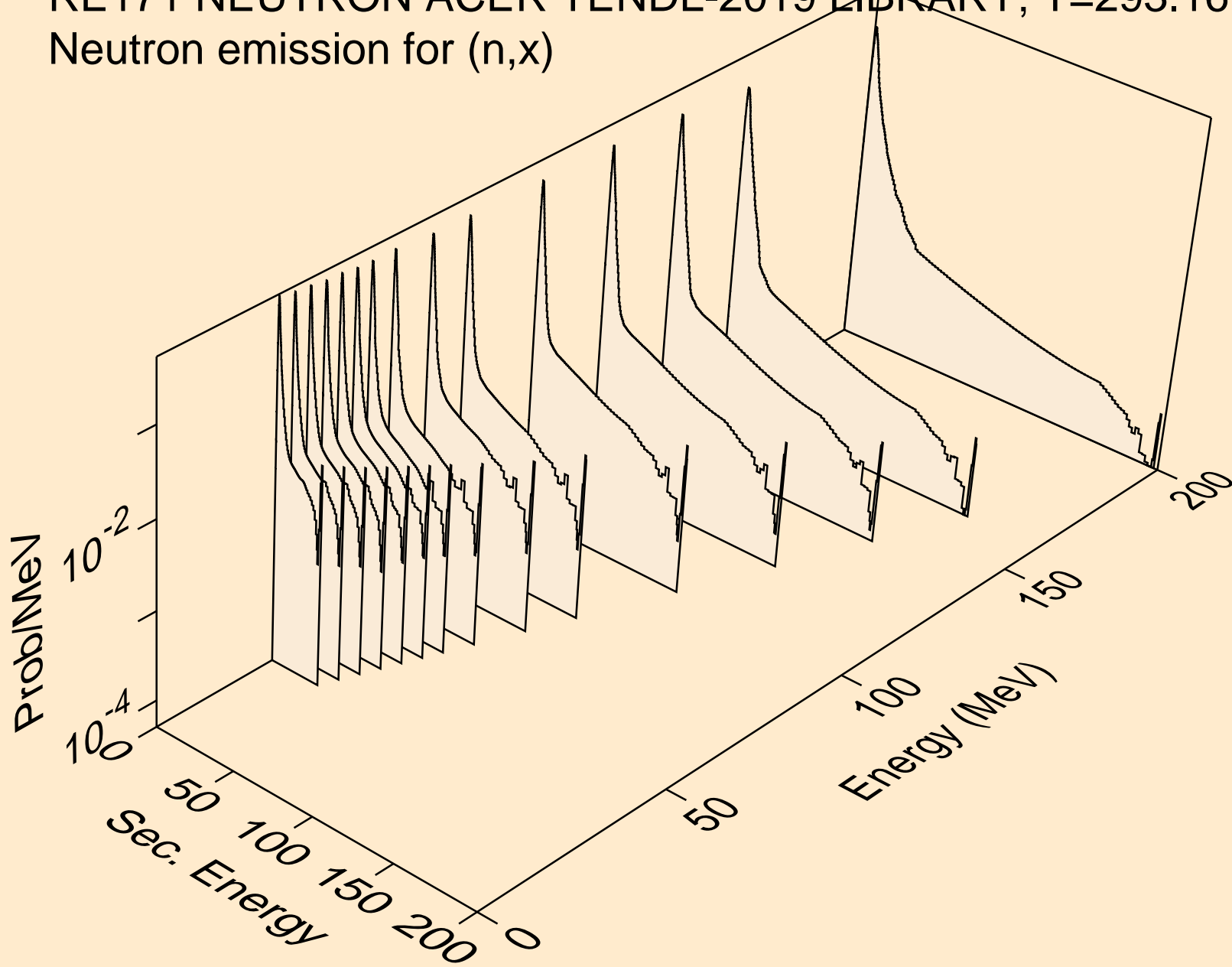
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



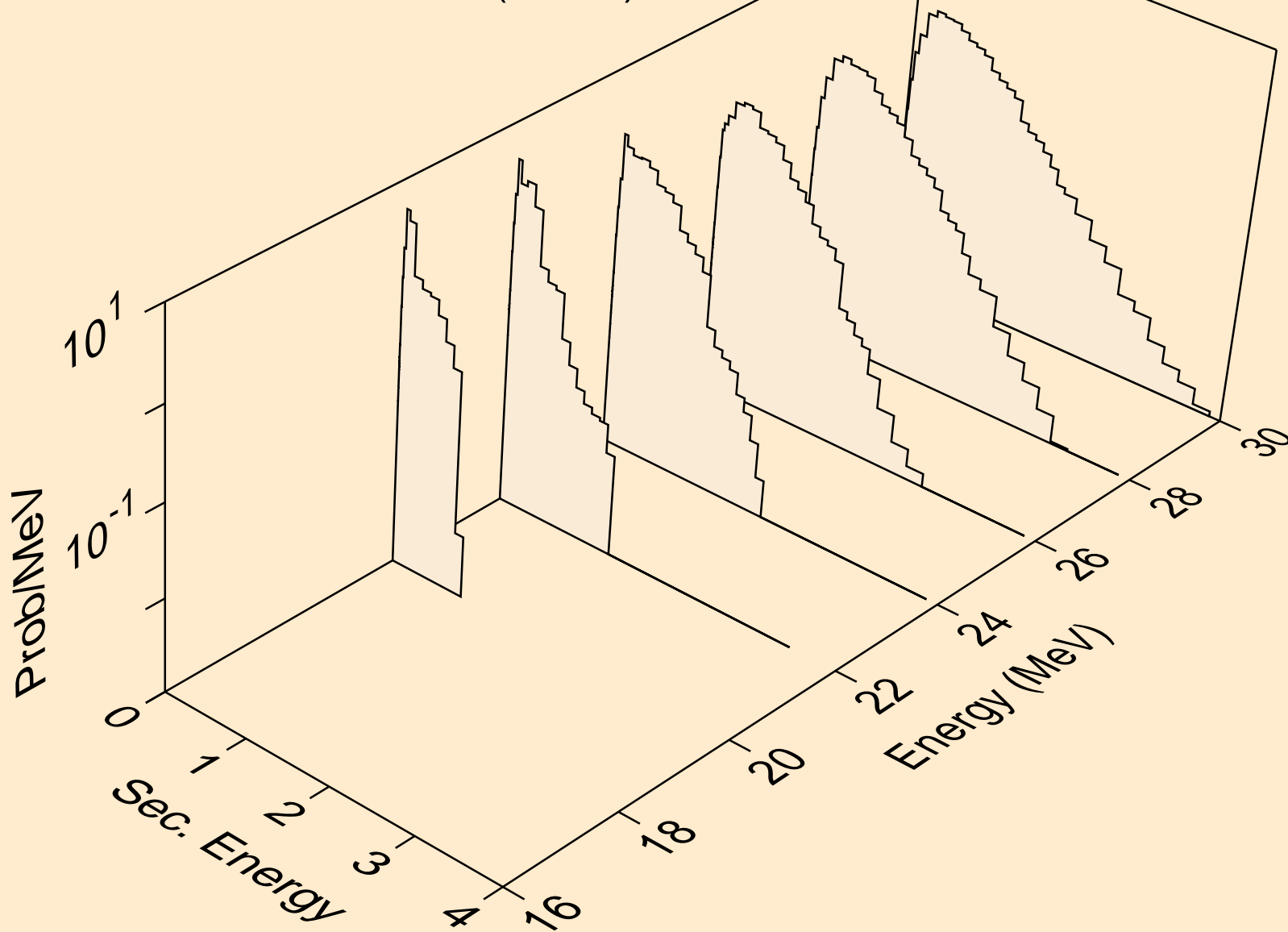
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angular distribution for (n,n*9)



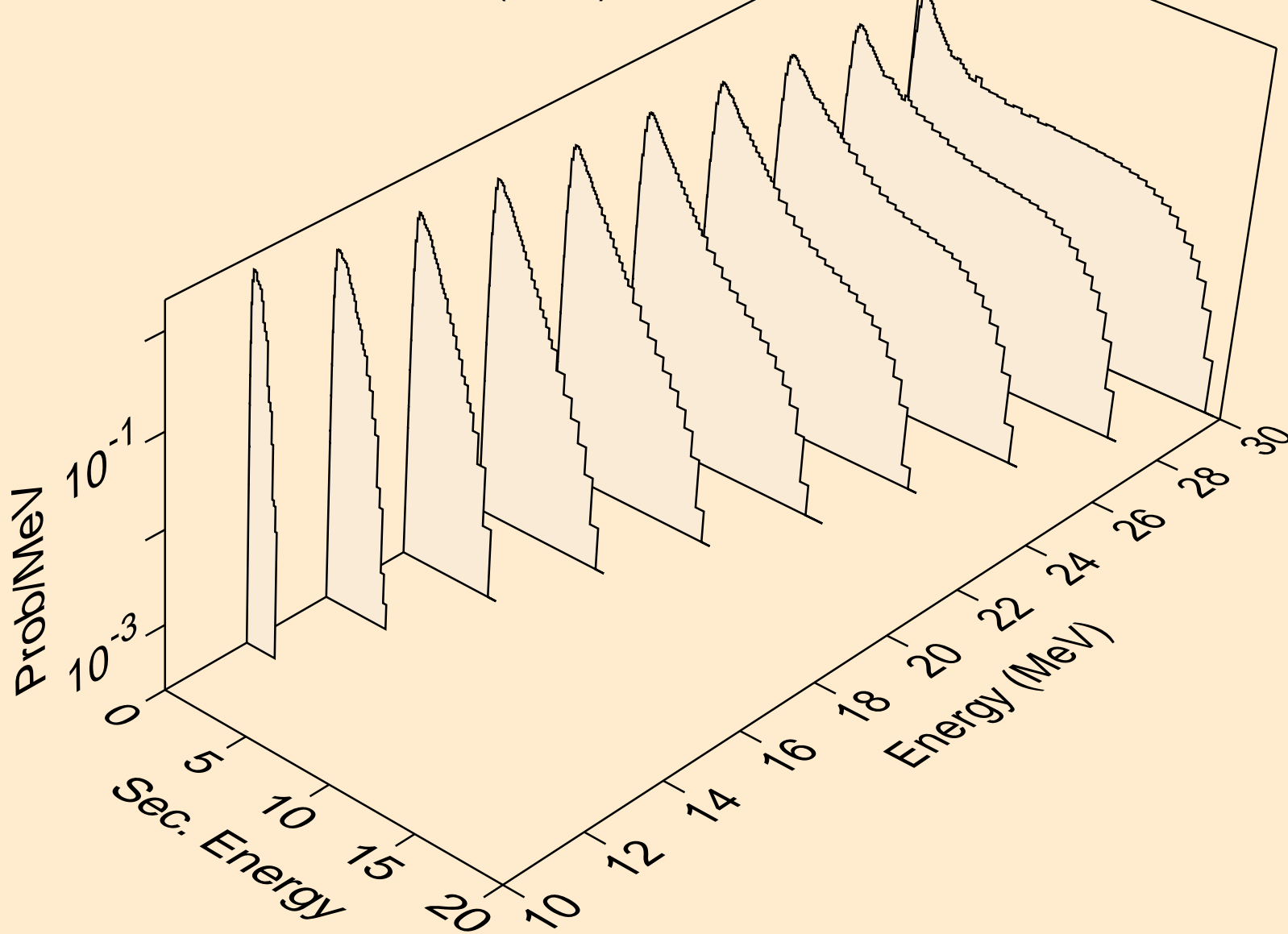
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



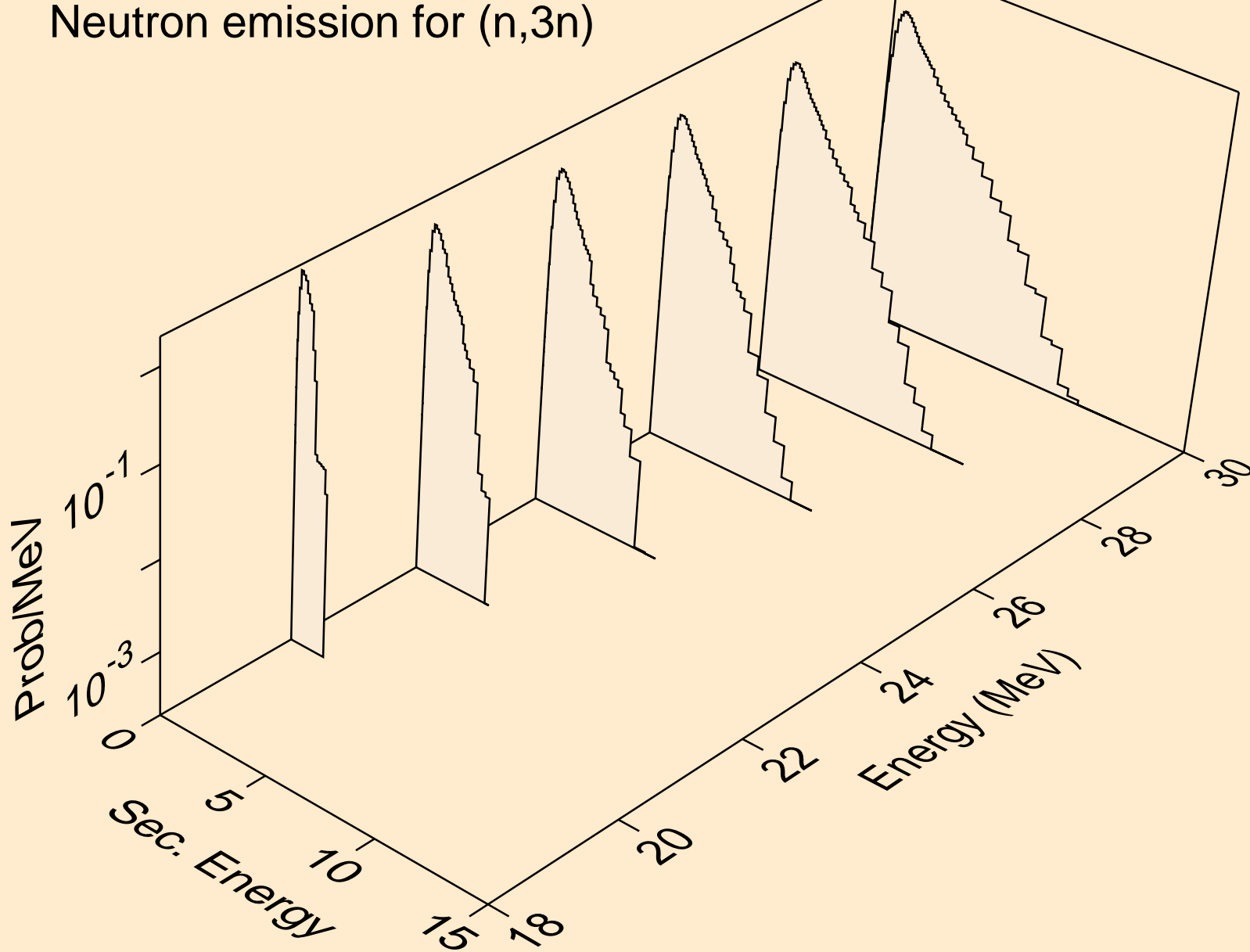
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



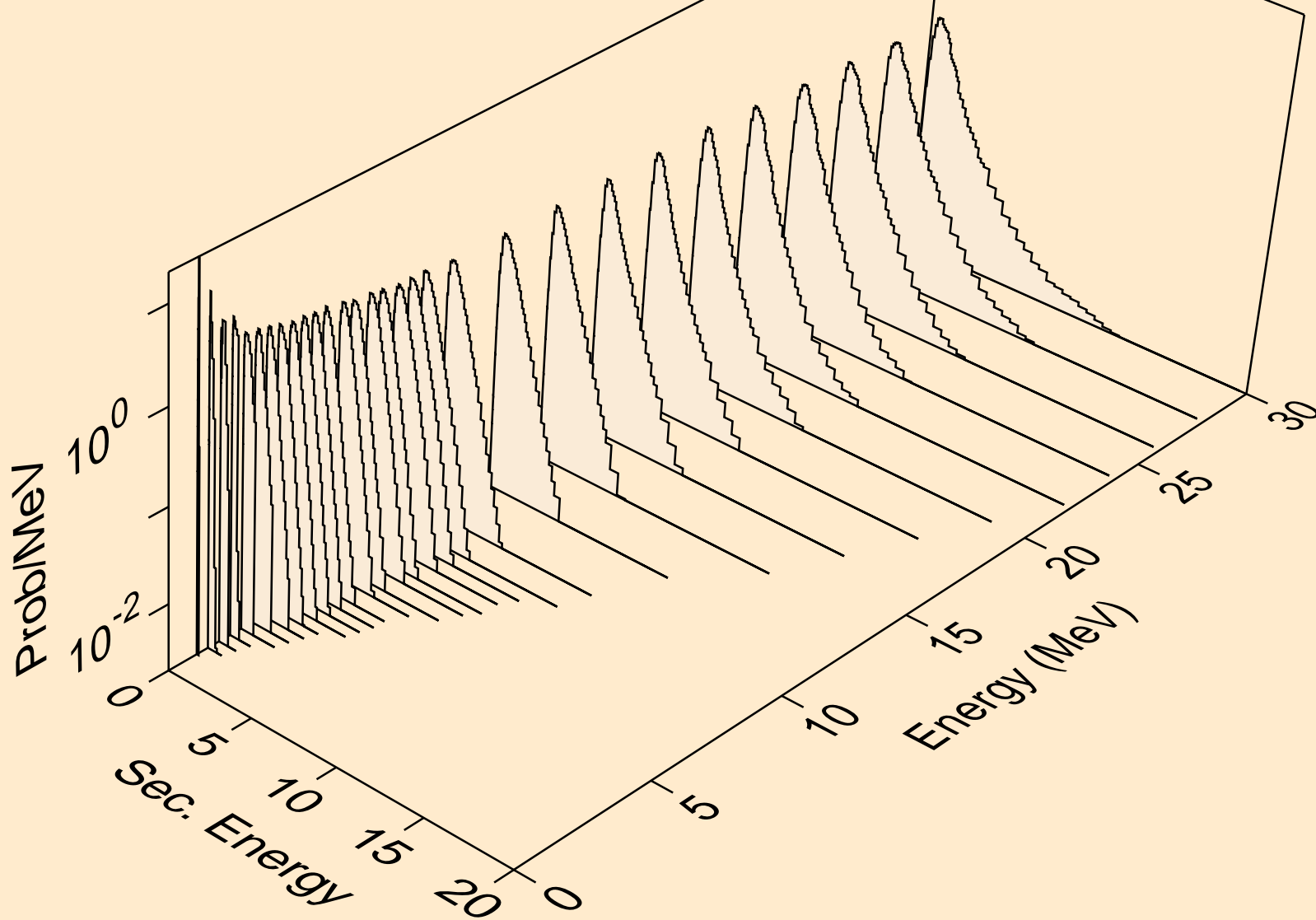
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



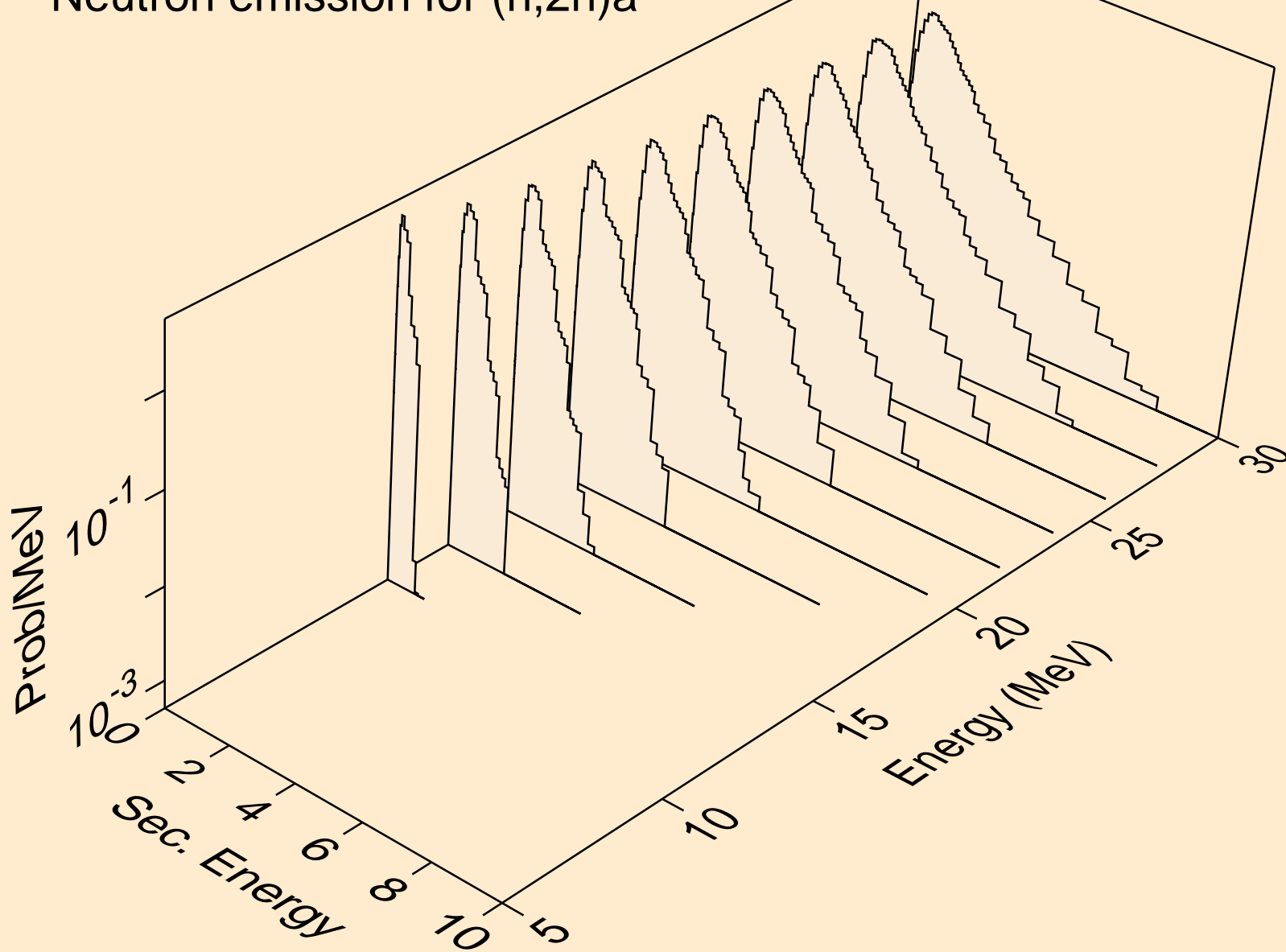
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



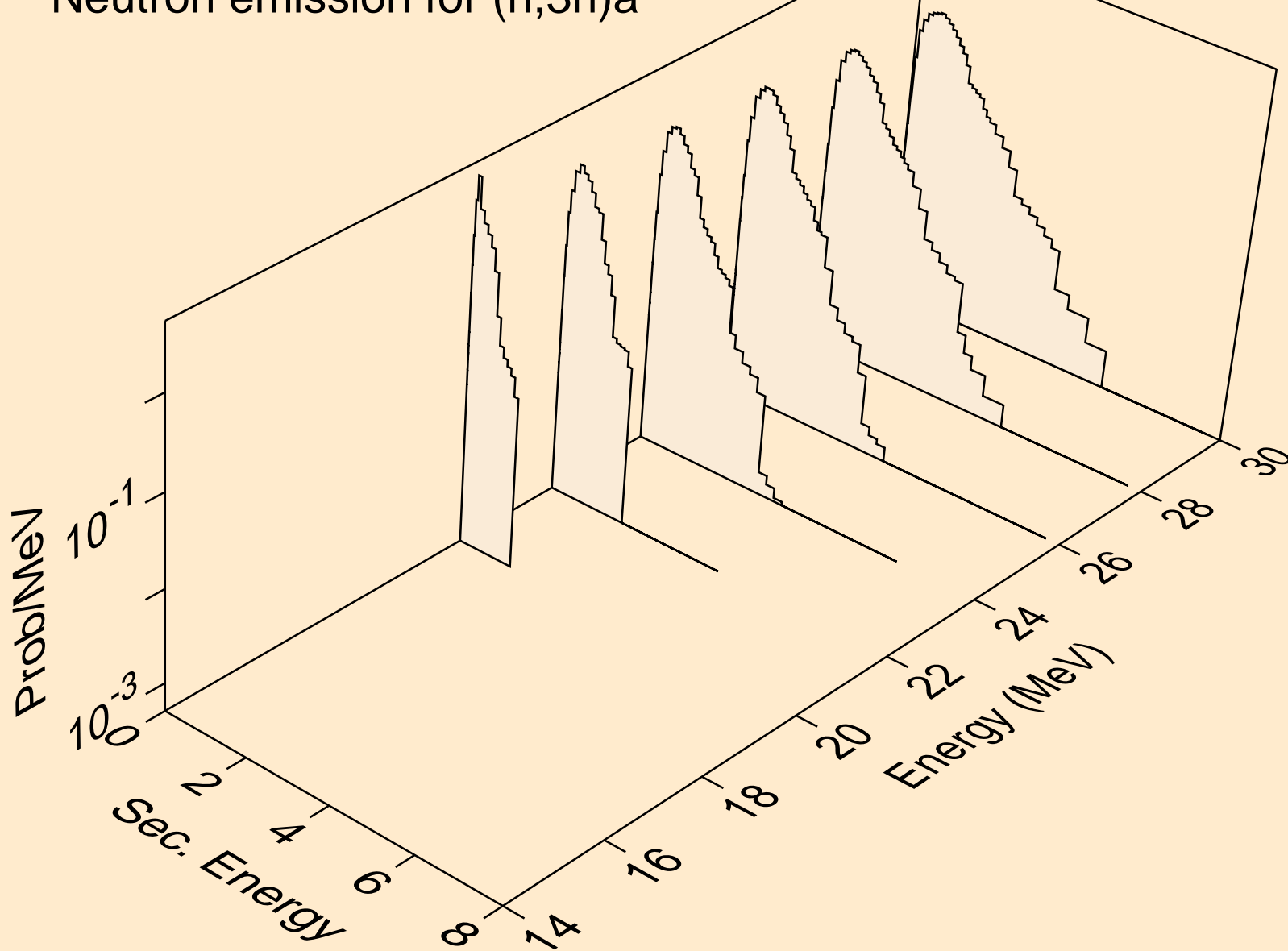
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



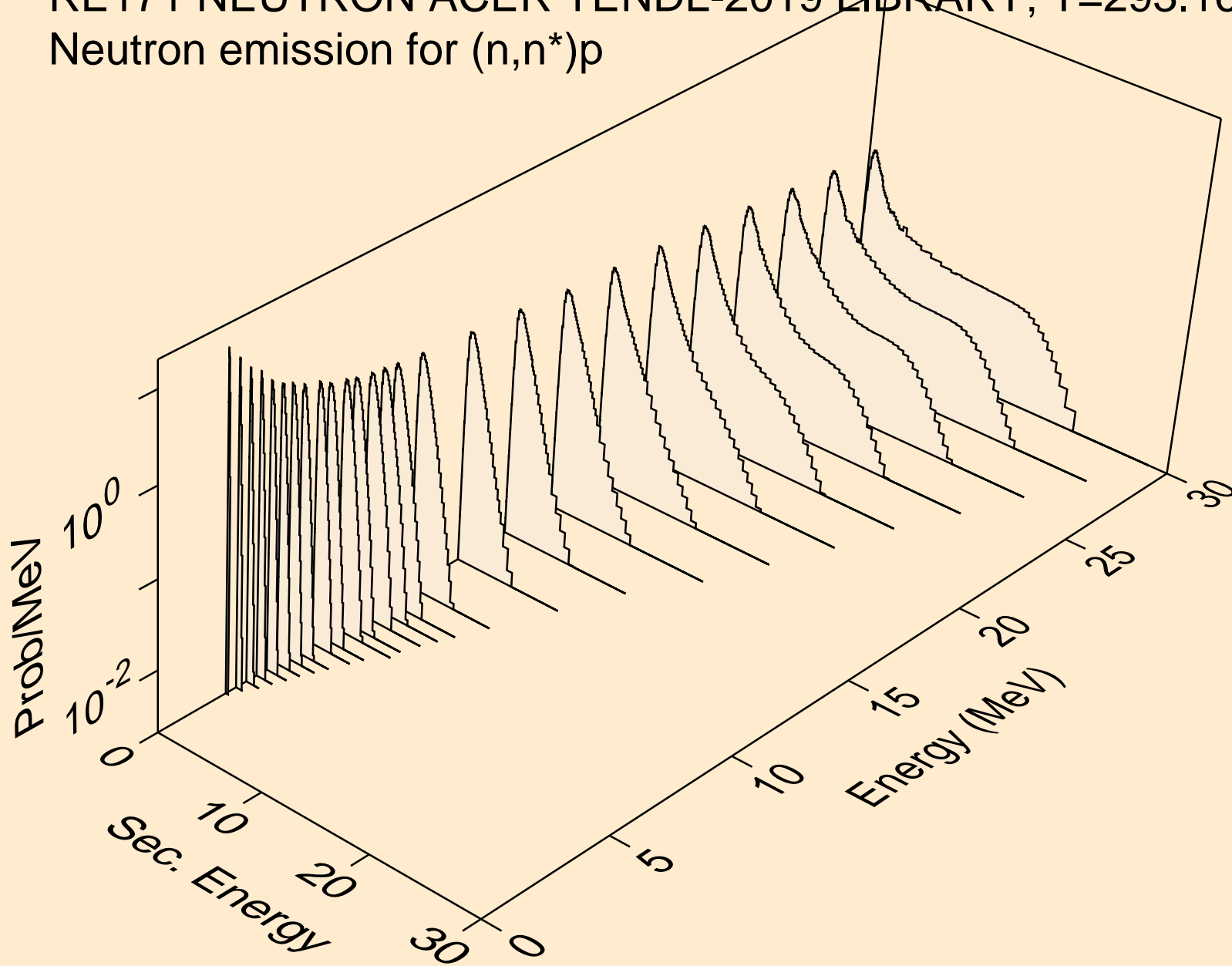
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



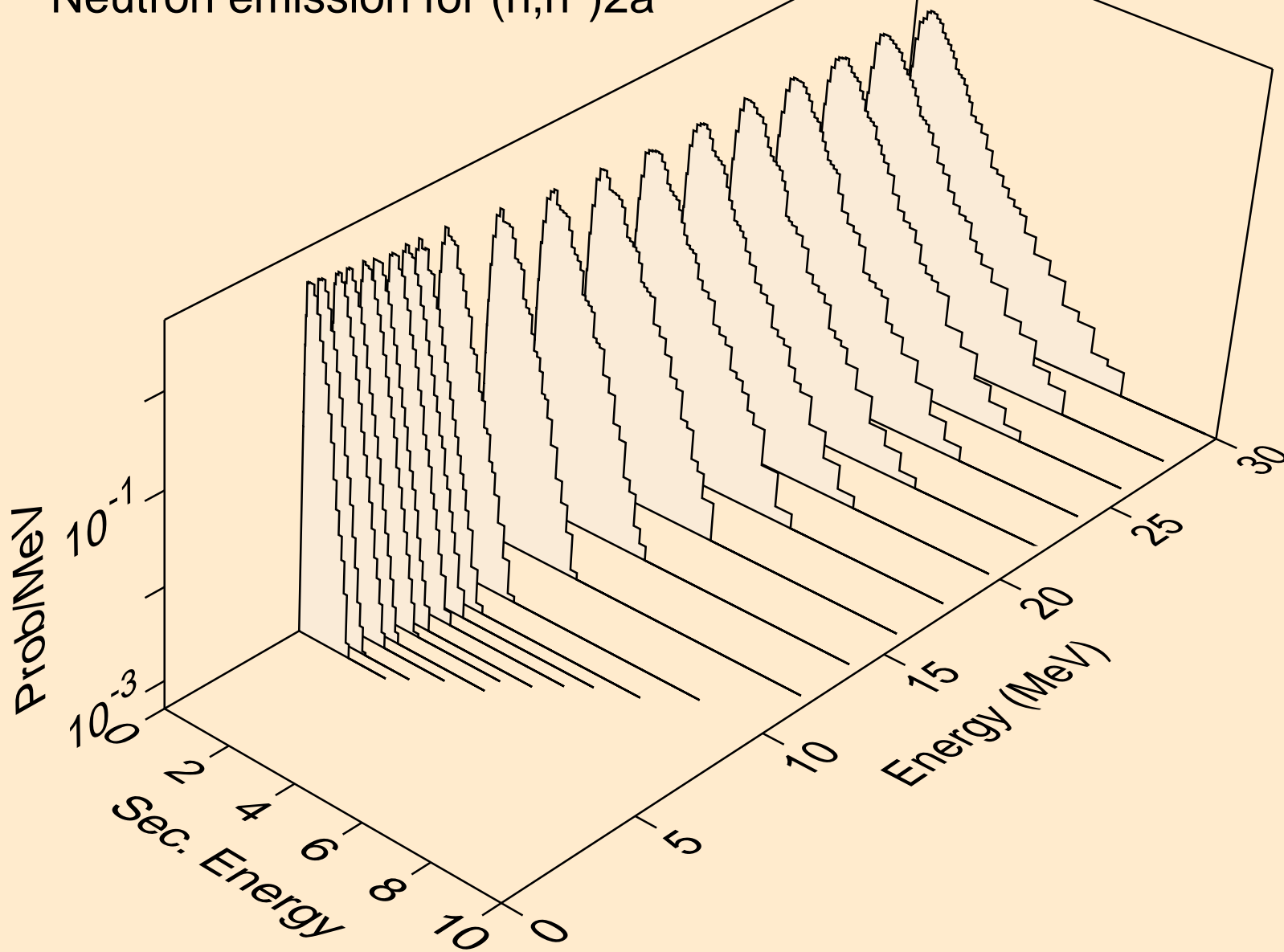
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



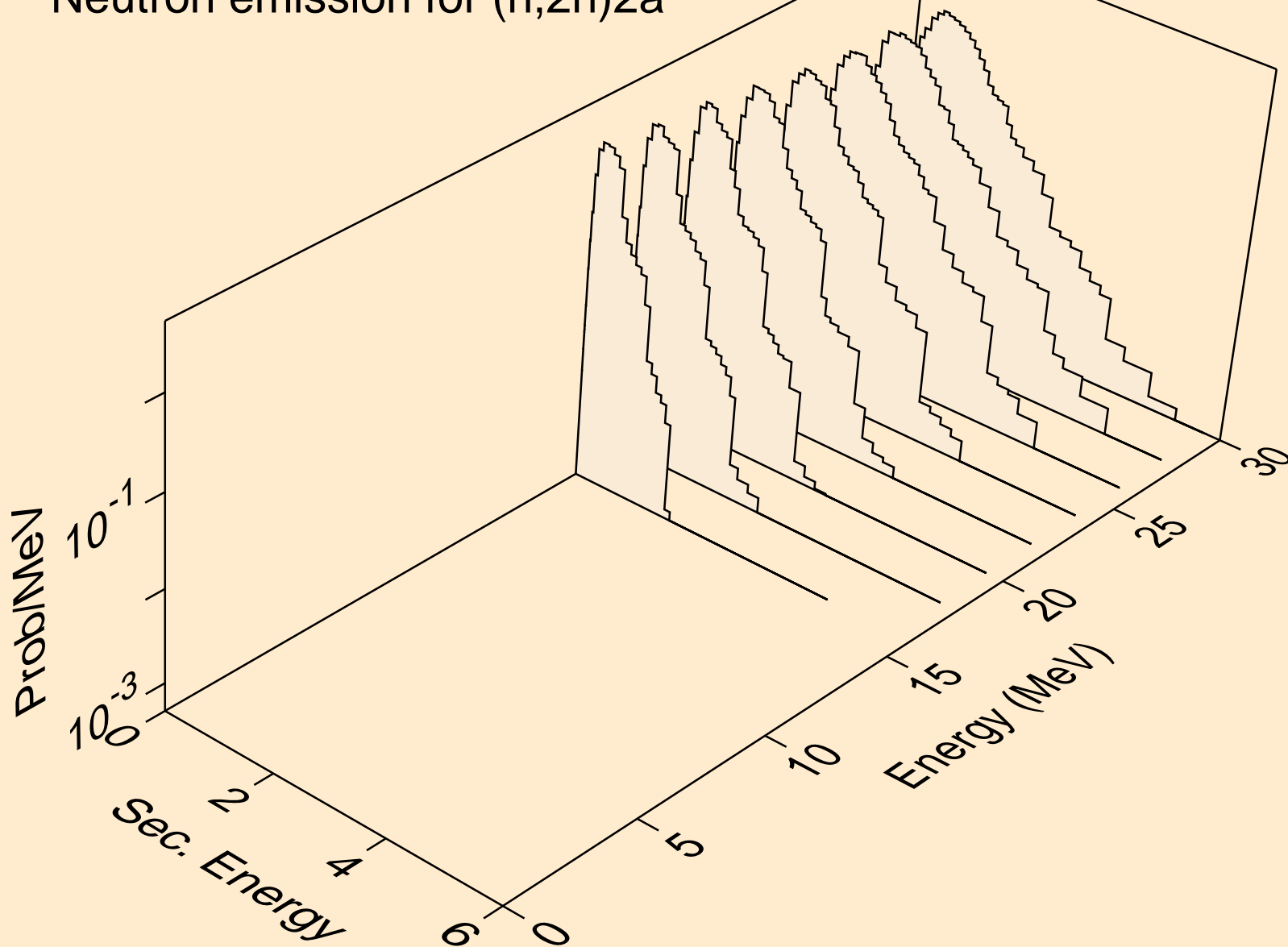
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



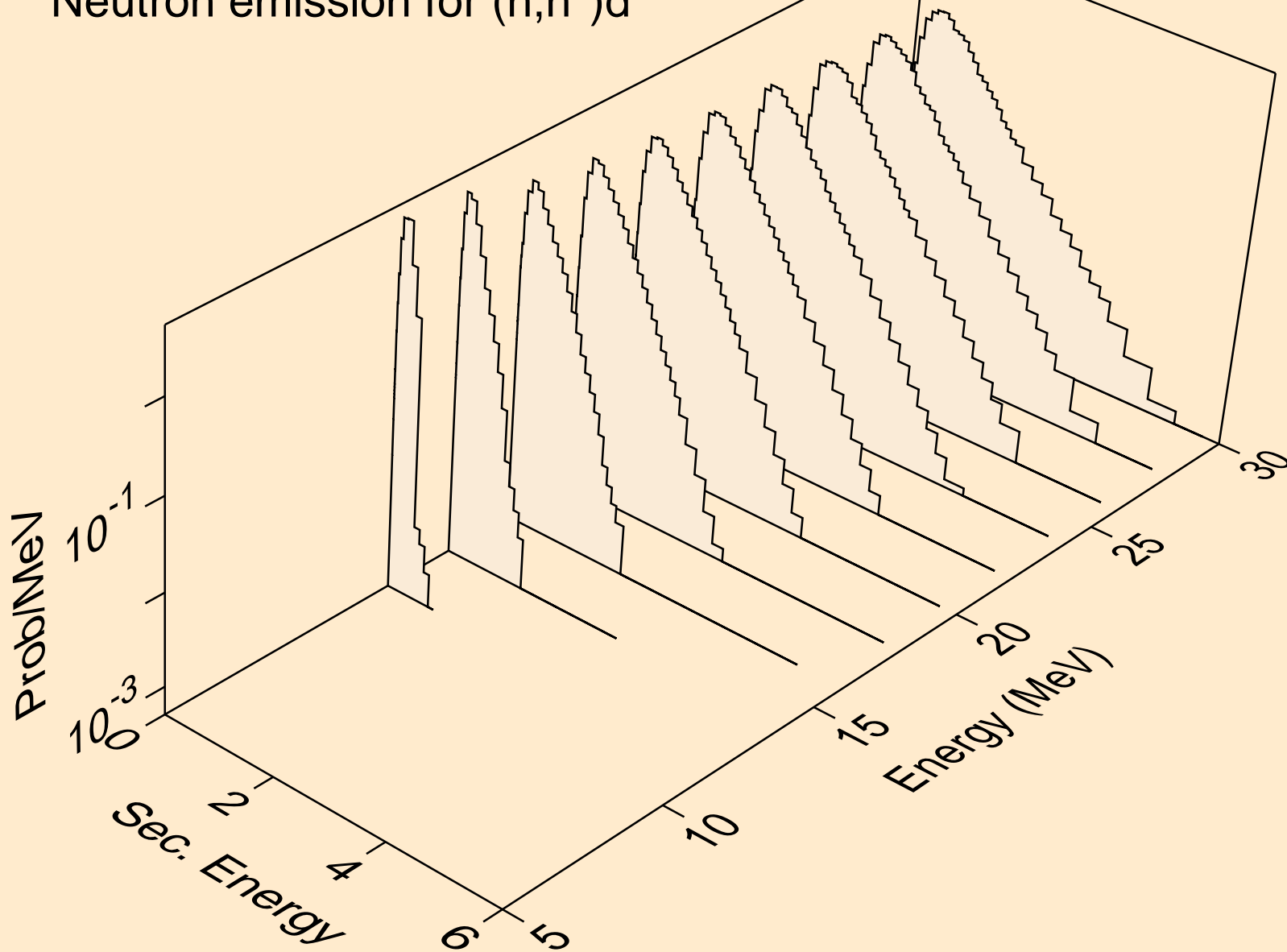
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



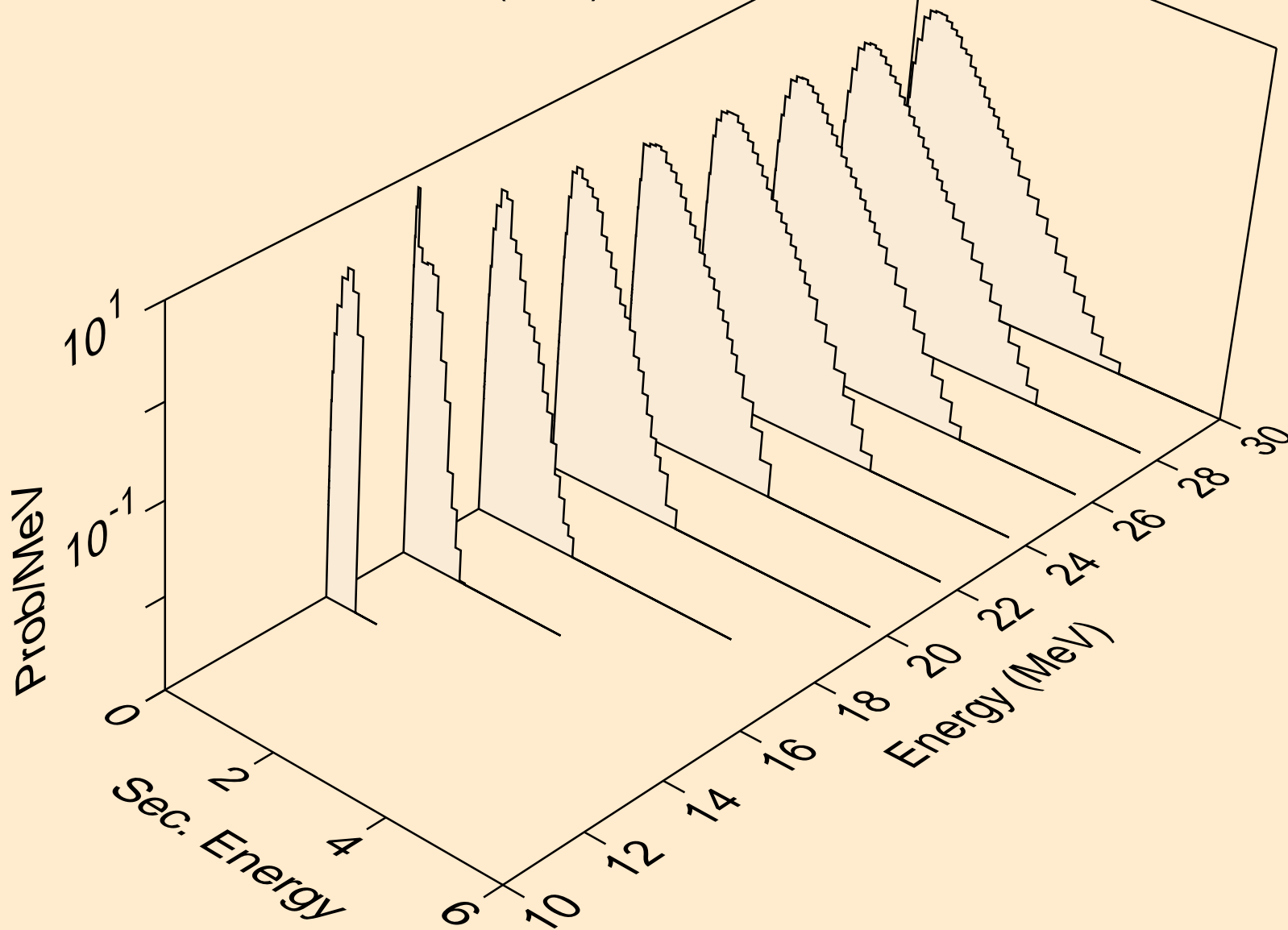
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



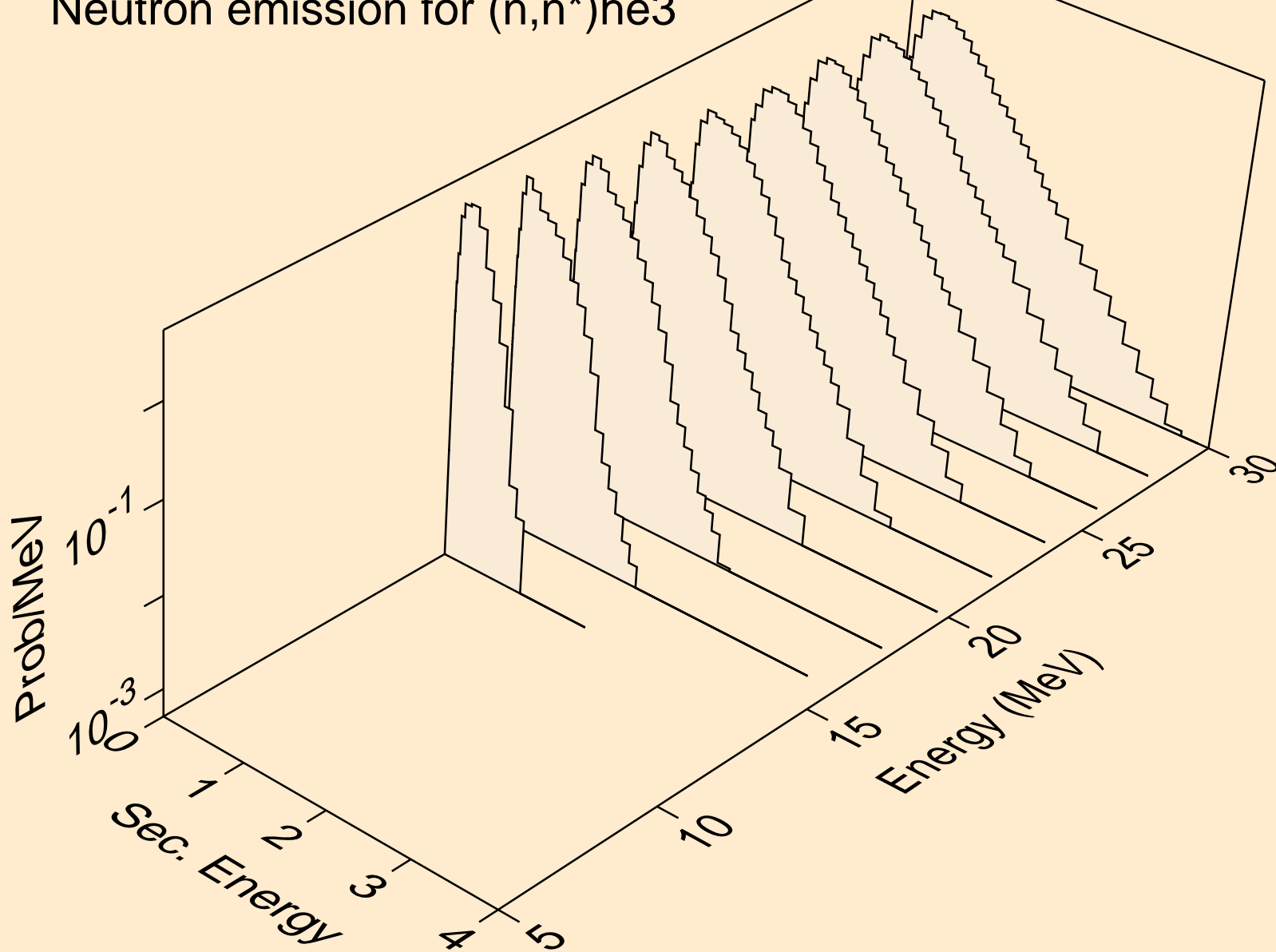
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



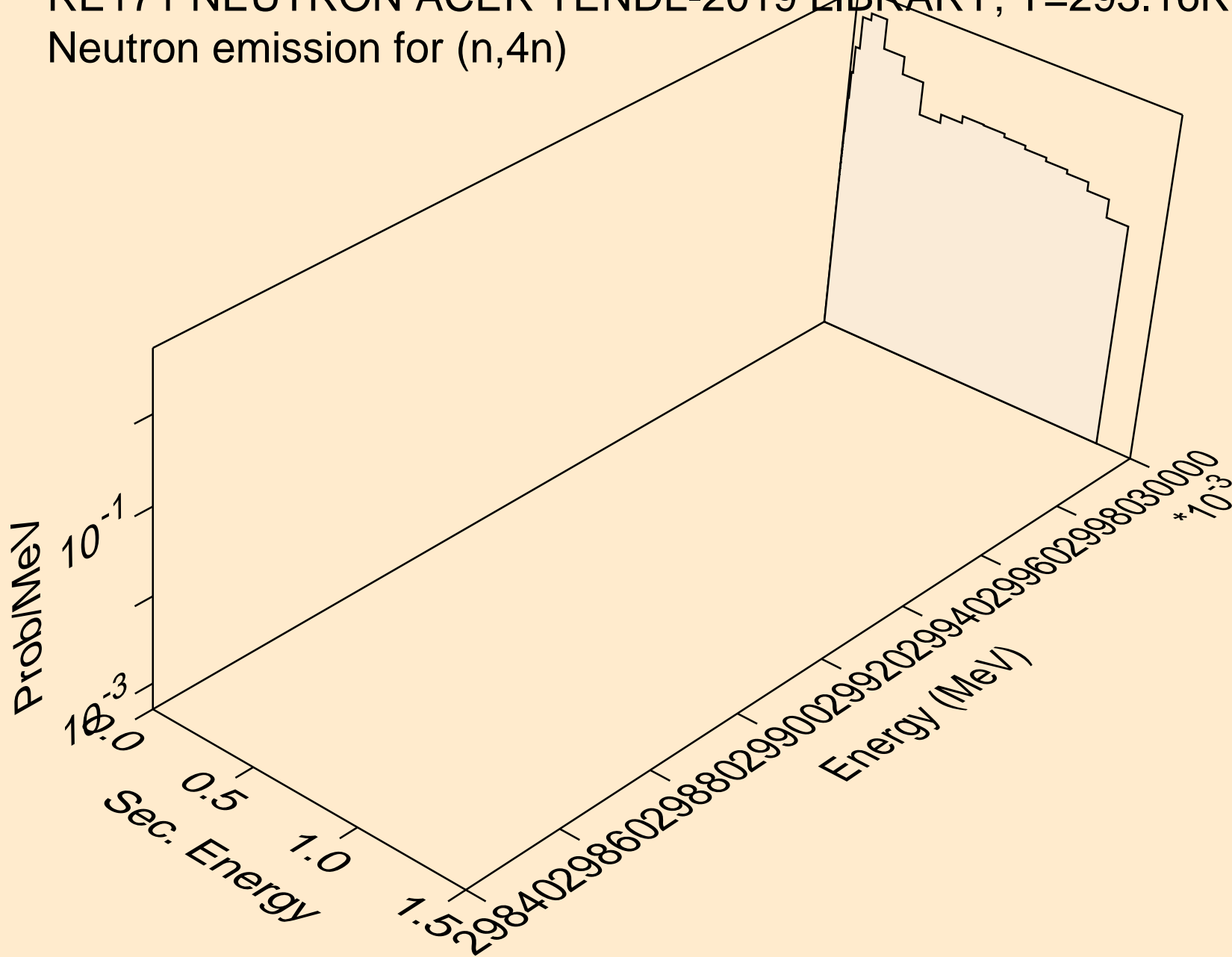
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



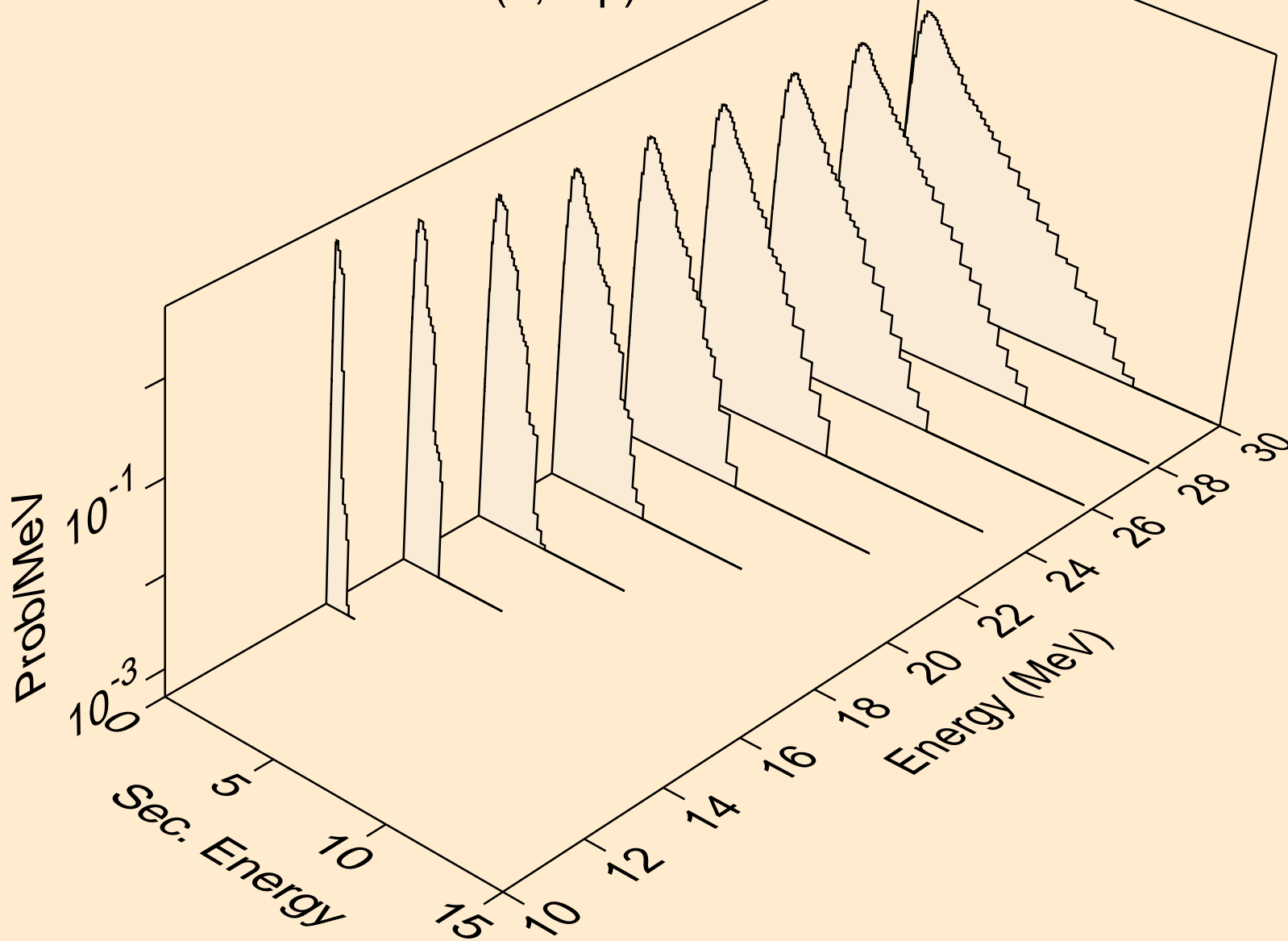
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



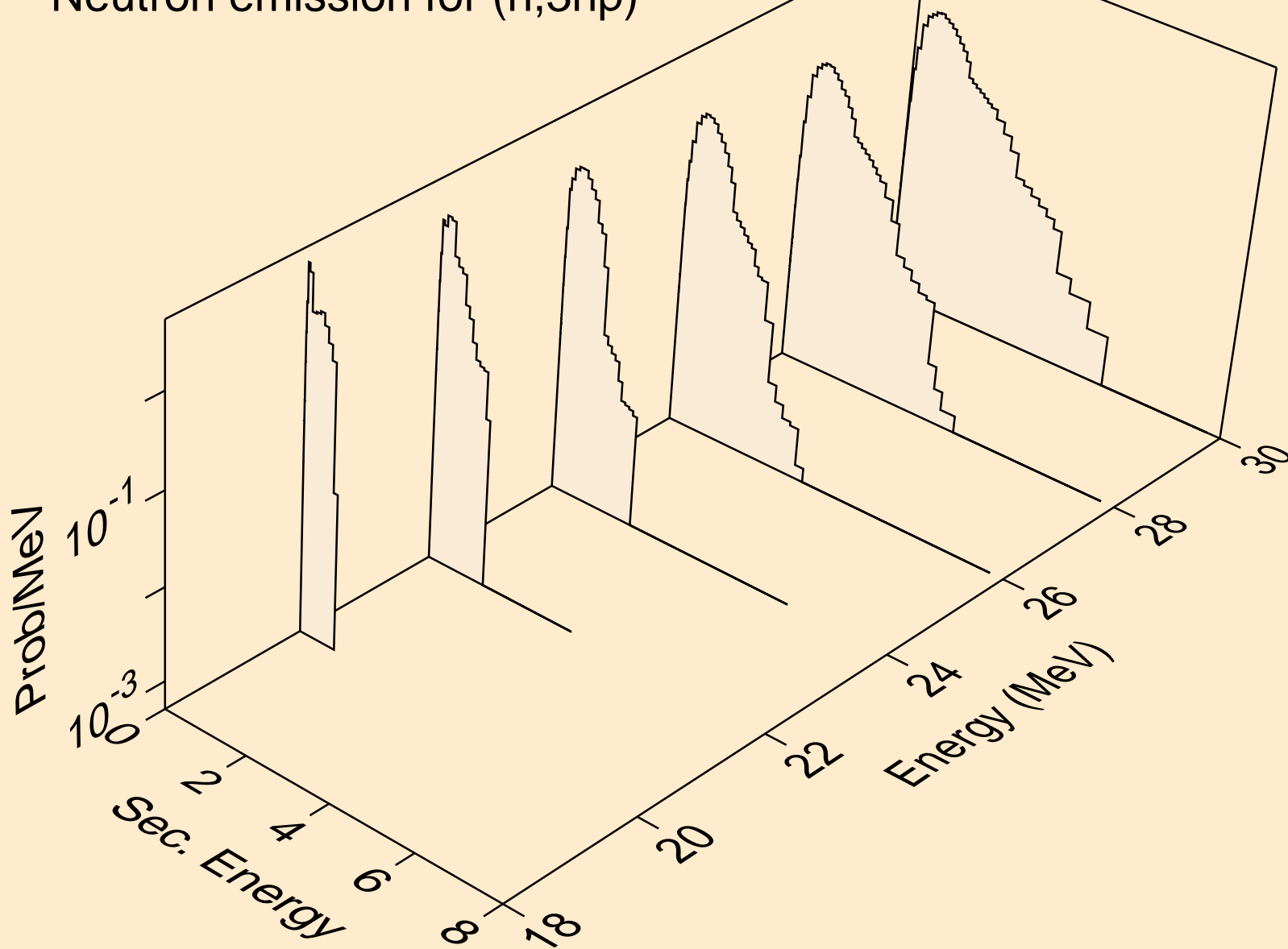
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



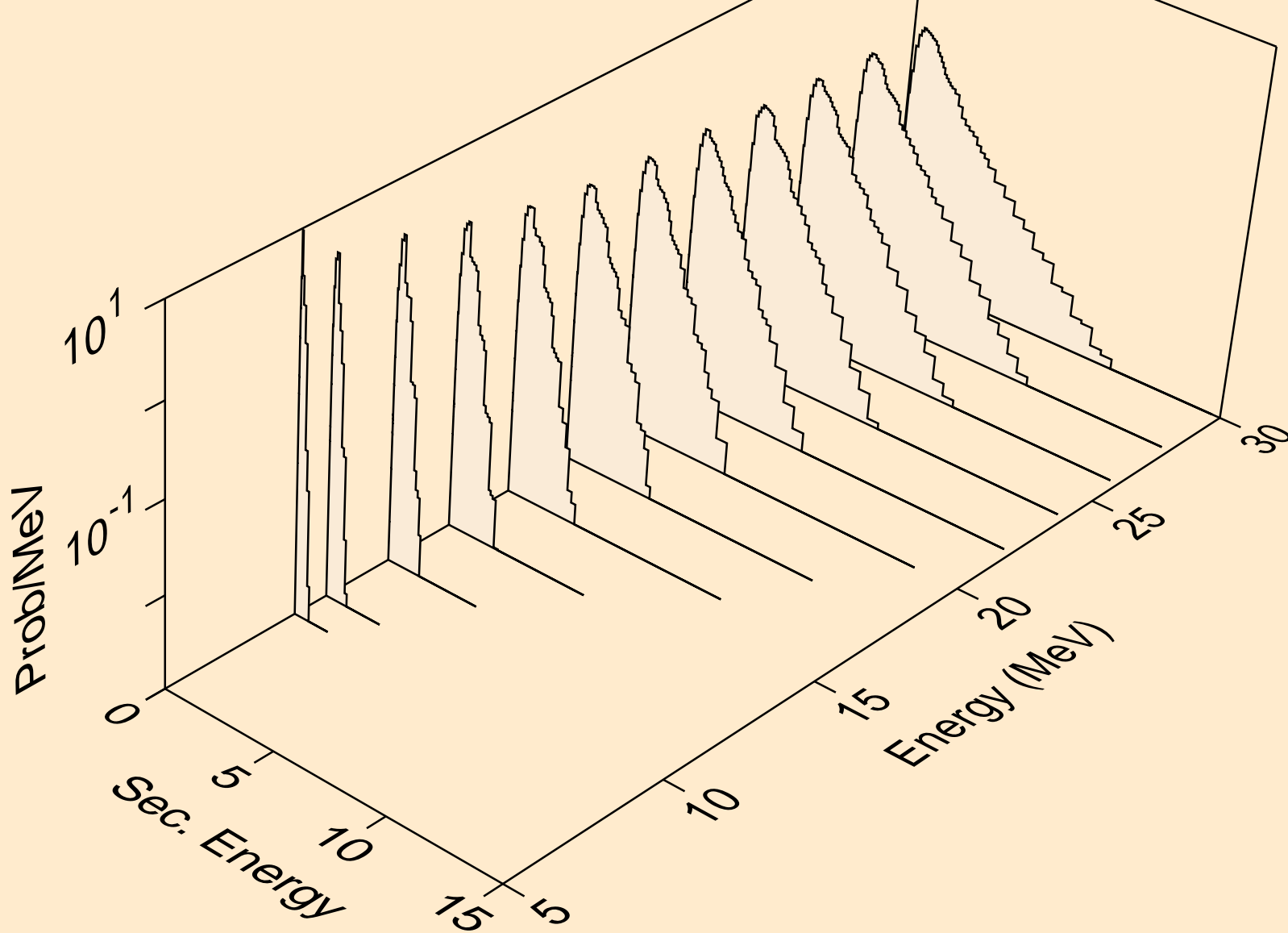
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



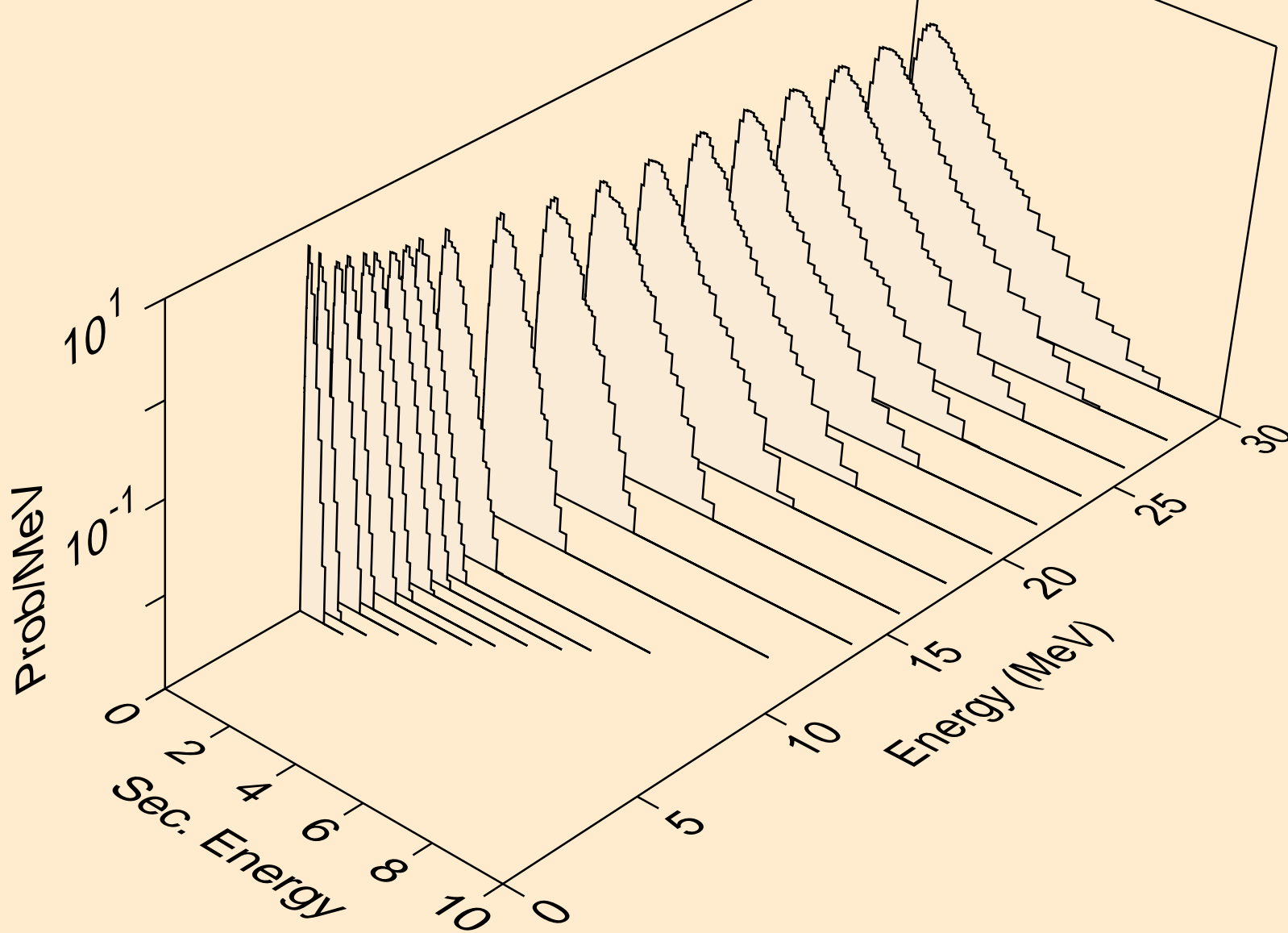
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



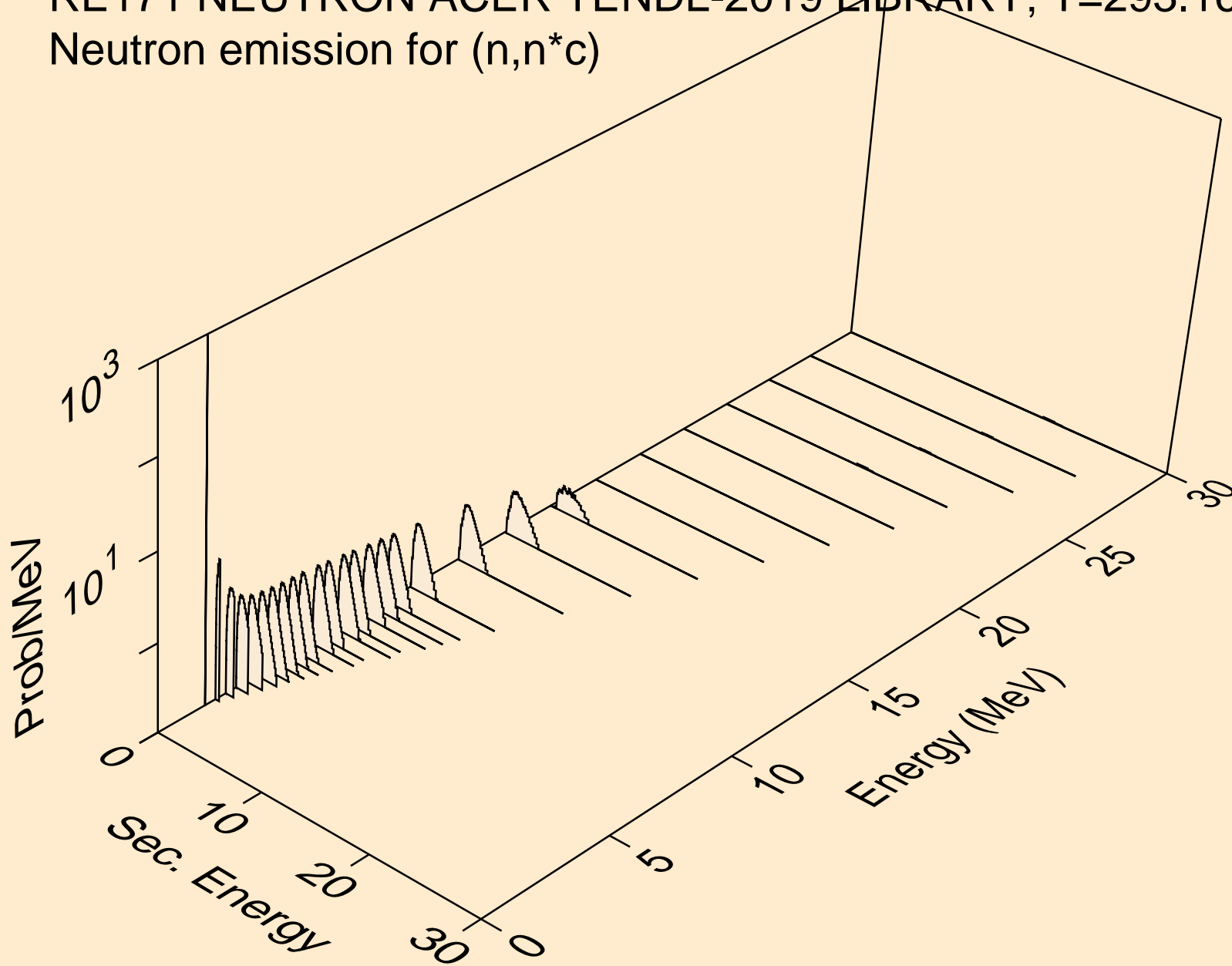
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



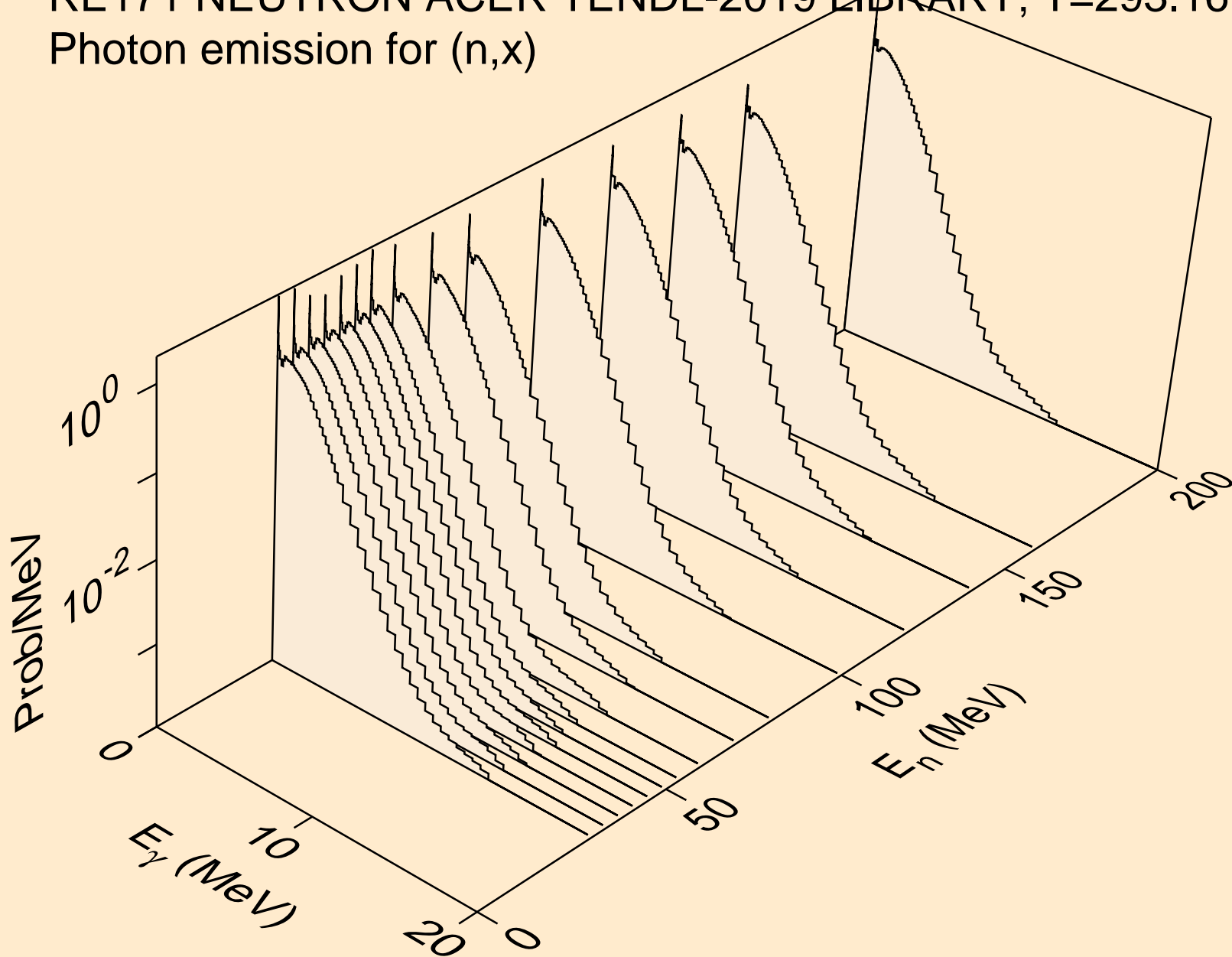
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



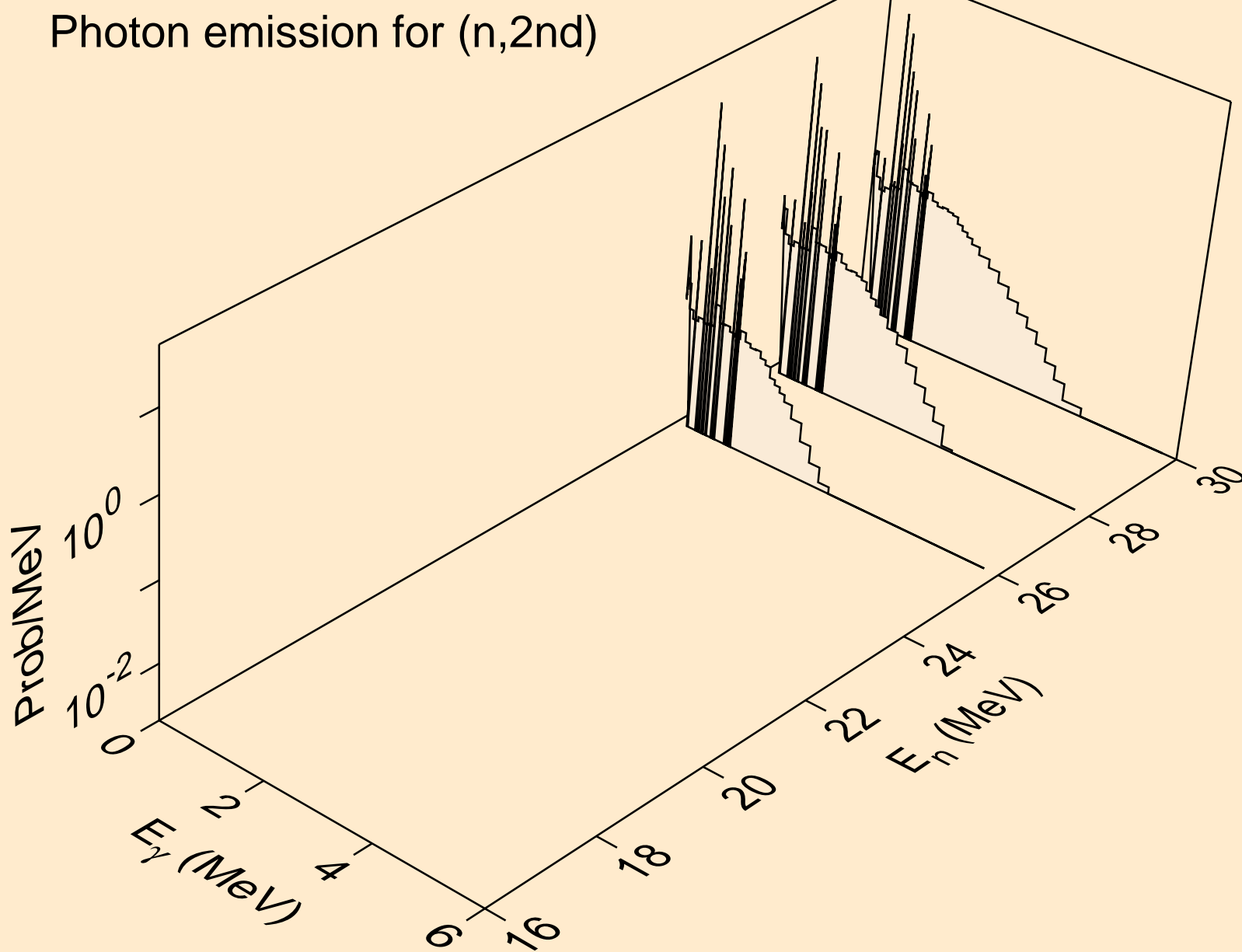
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



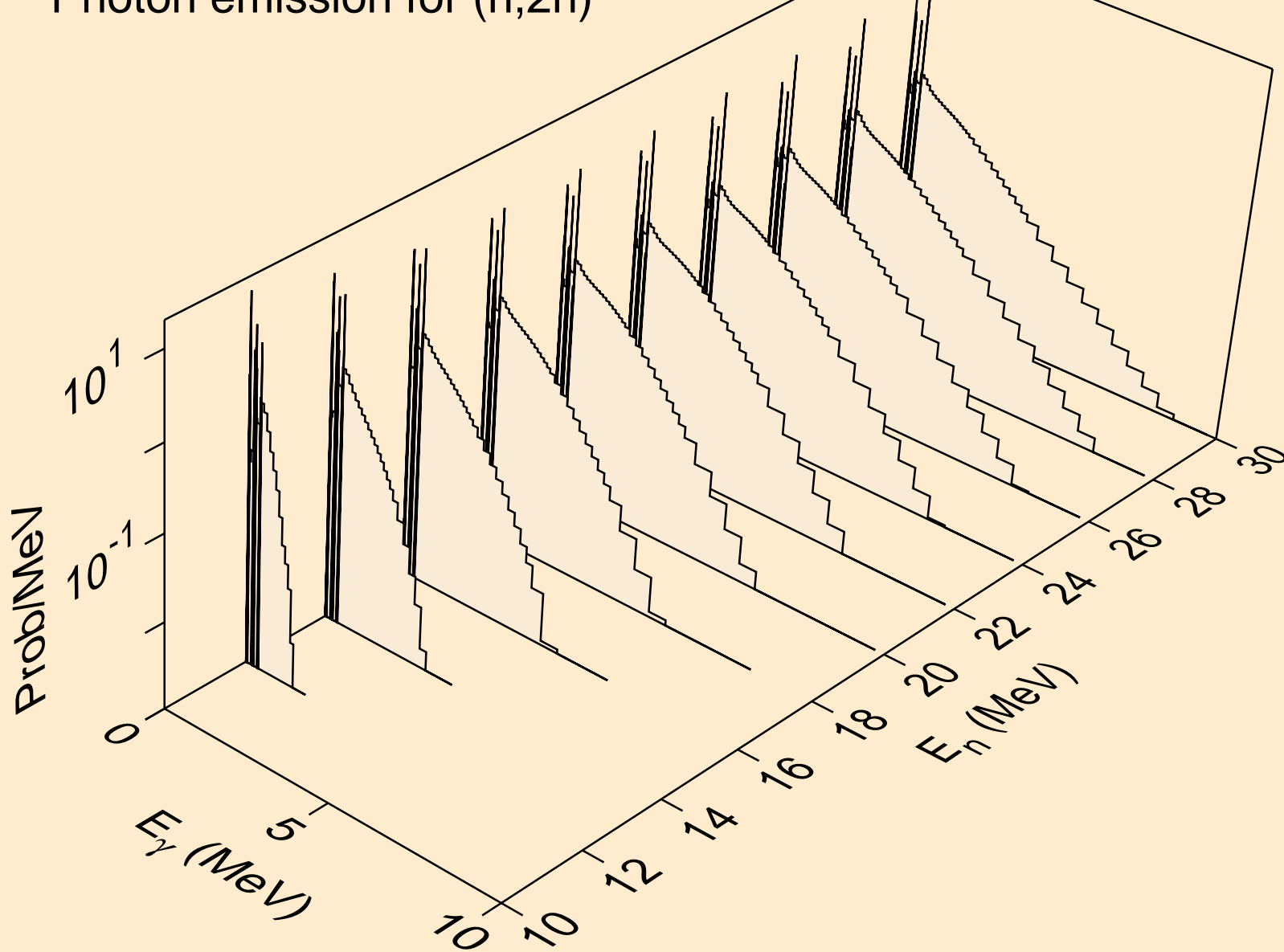
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



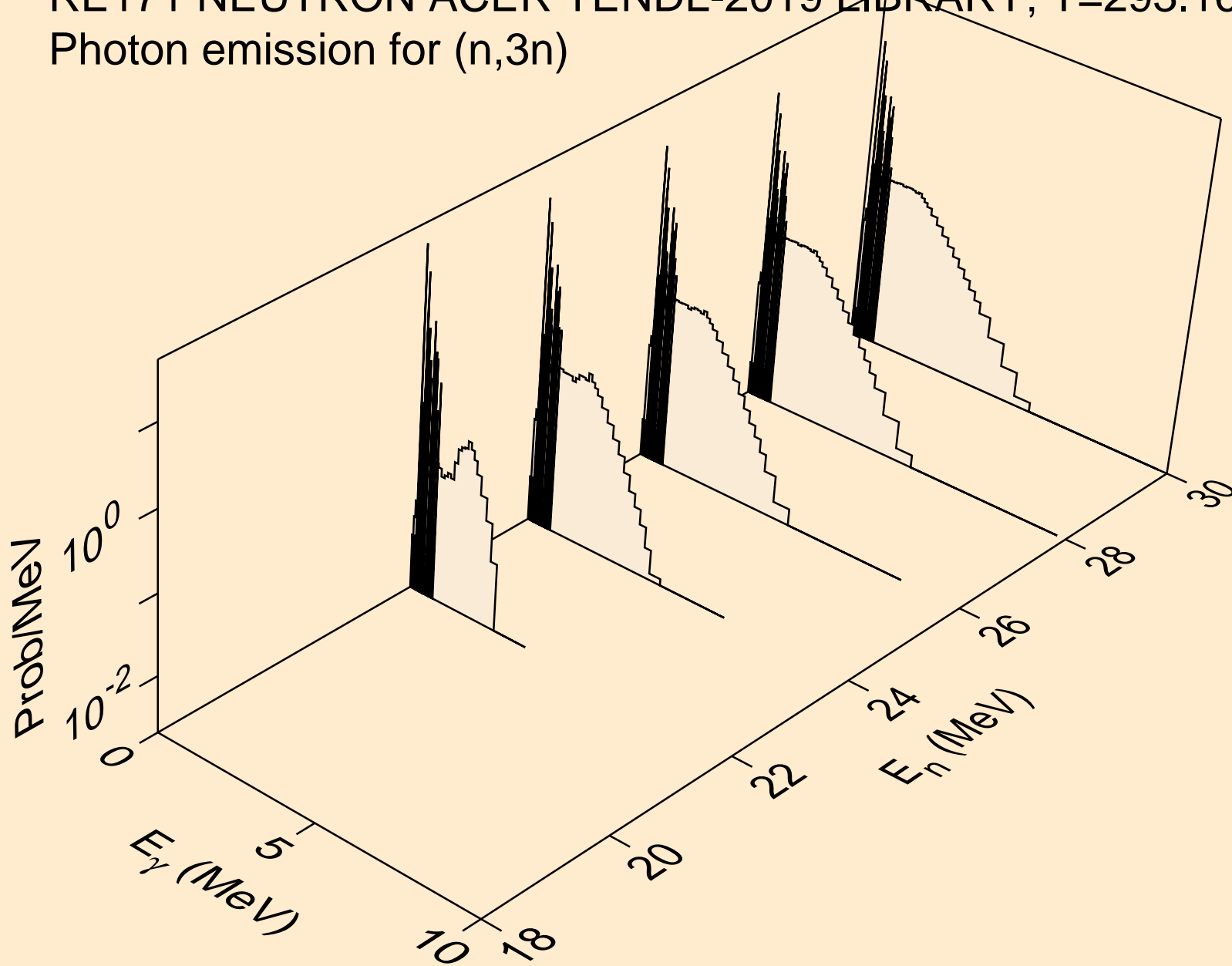
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



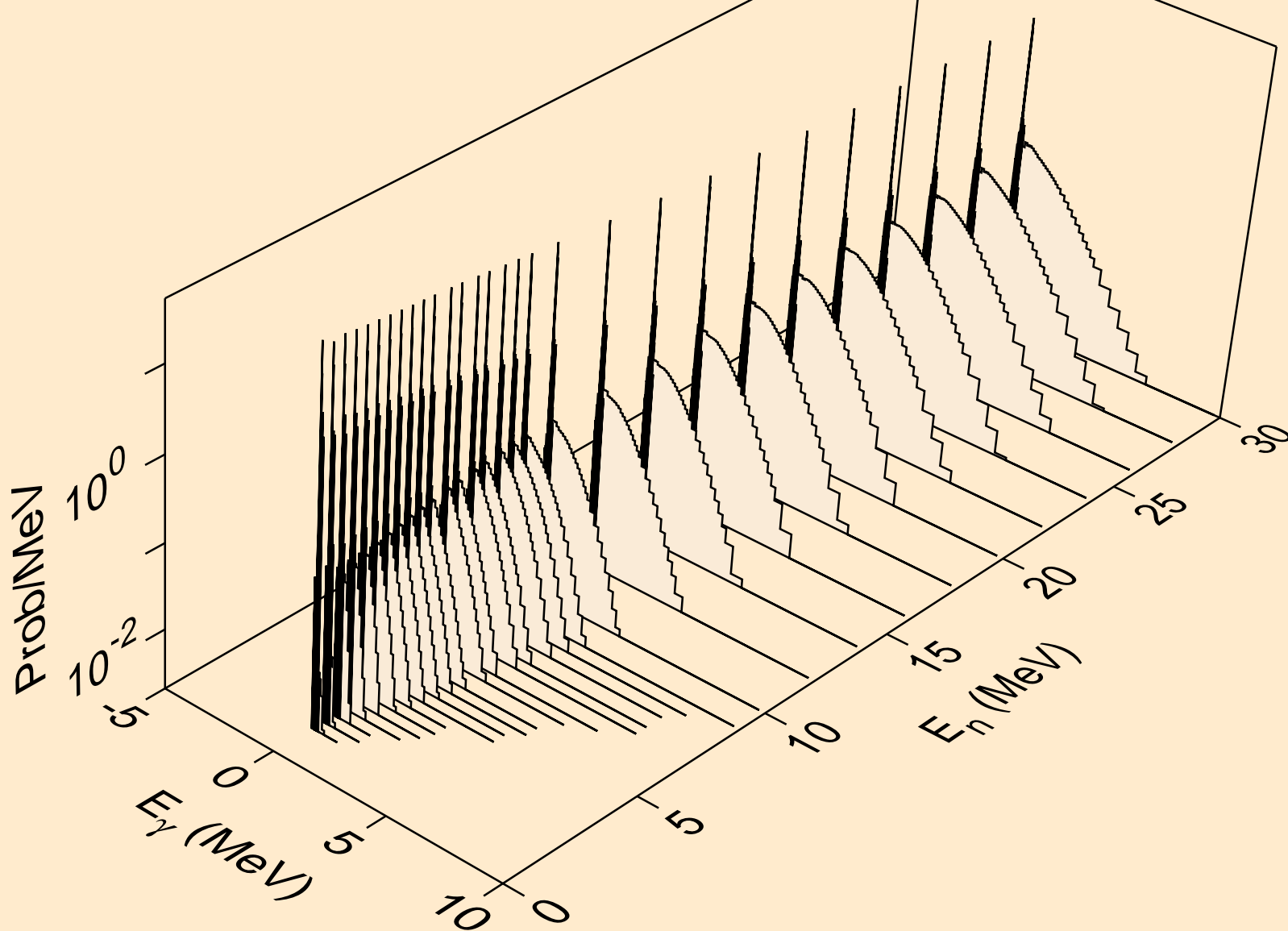
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



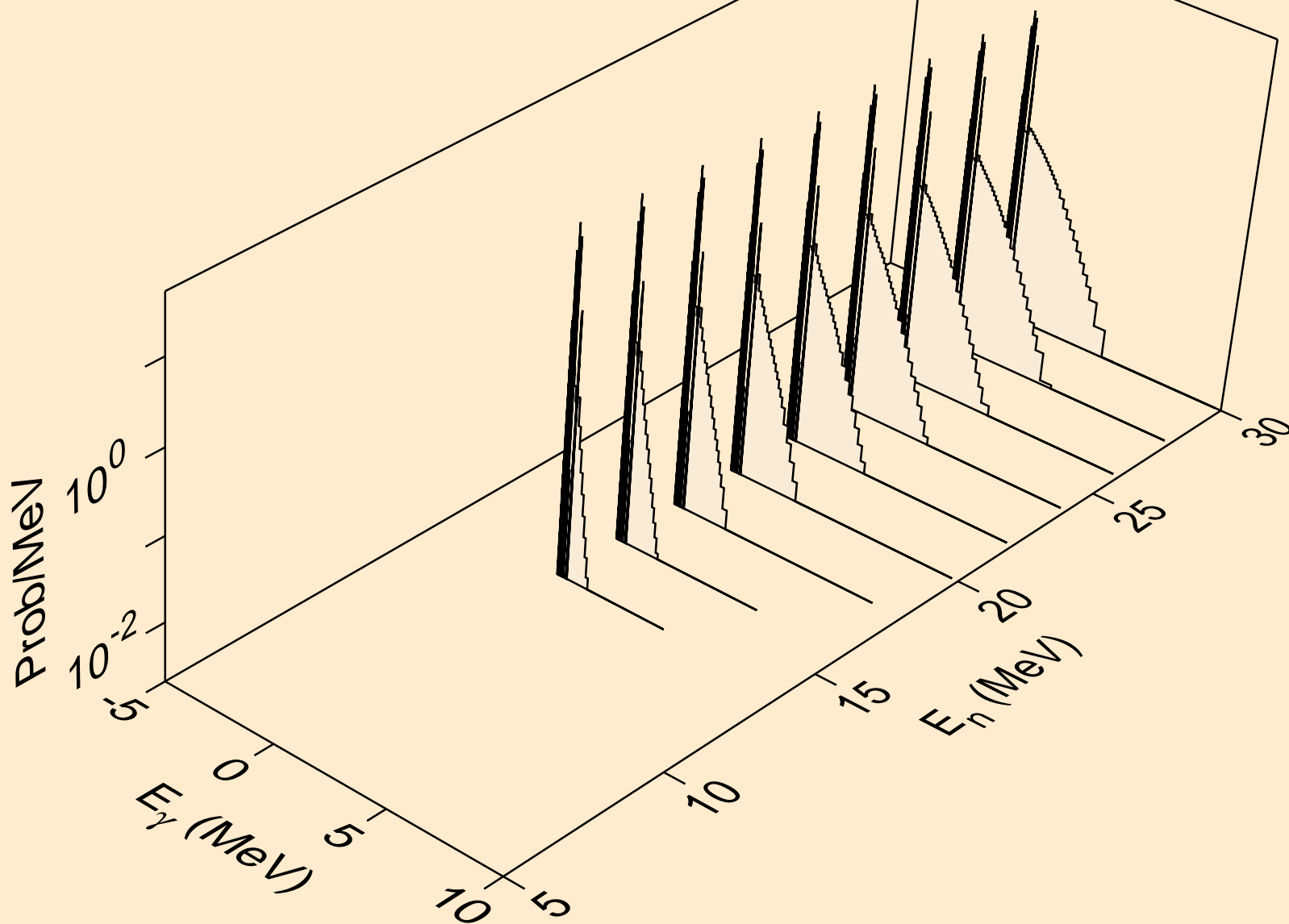
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



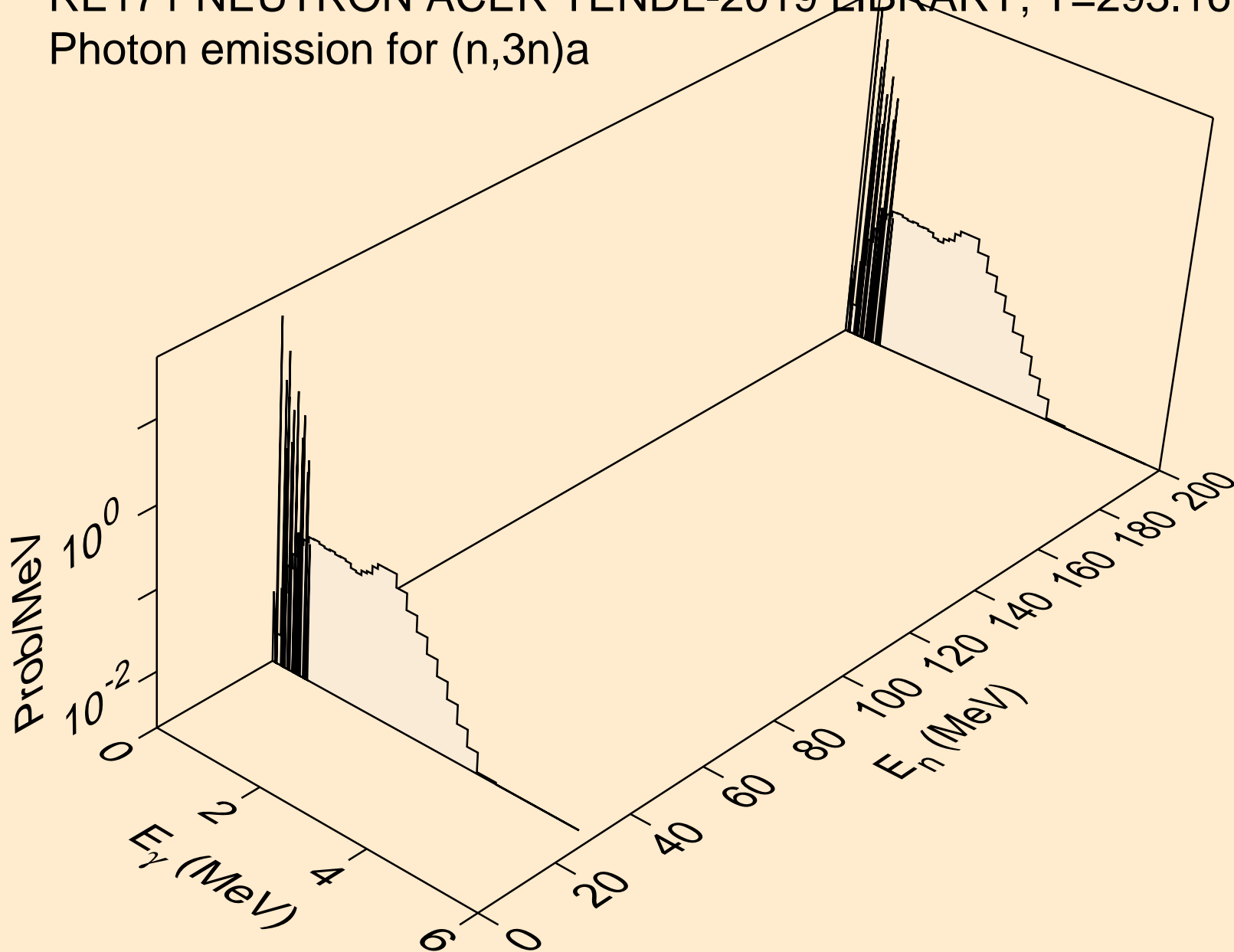
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



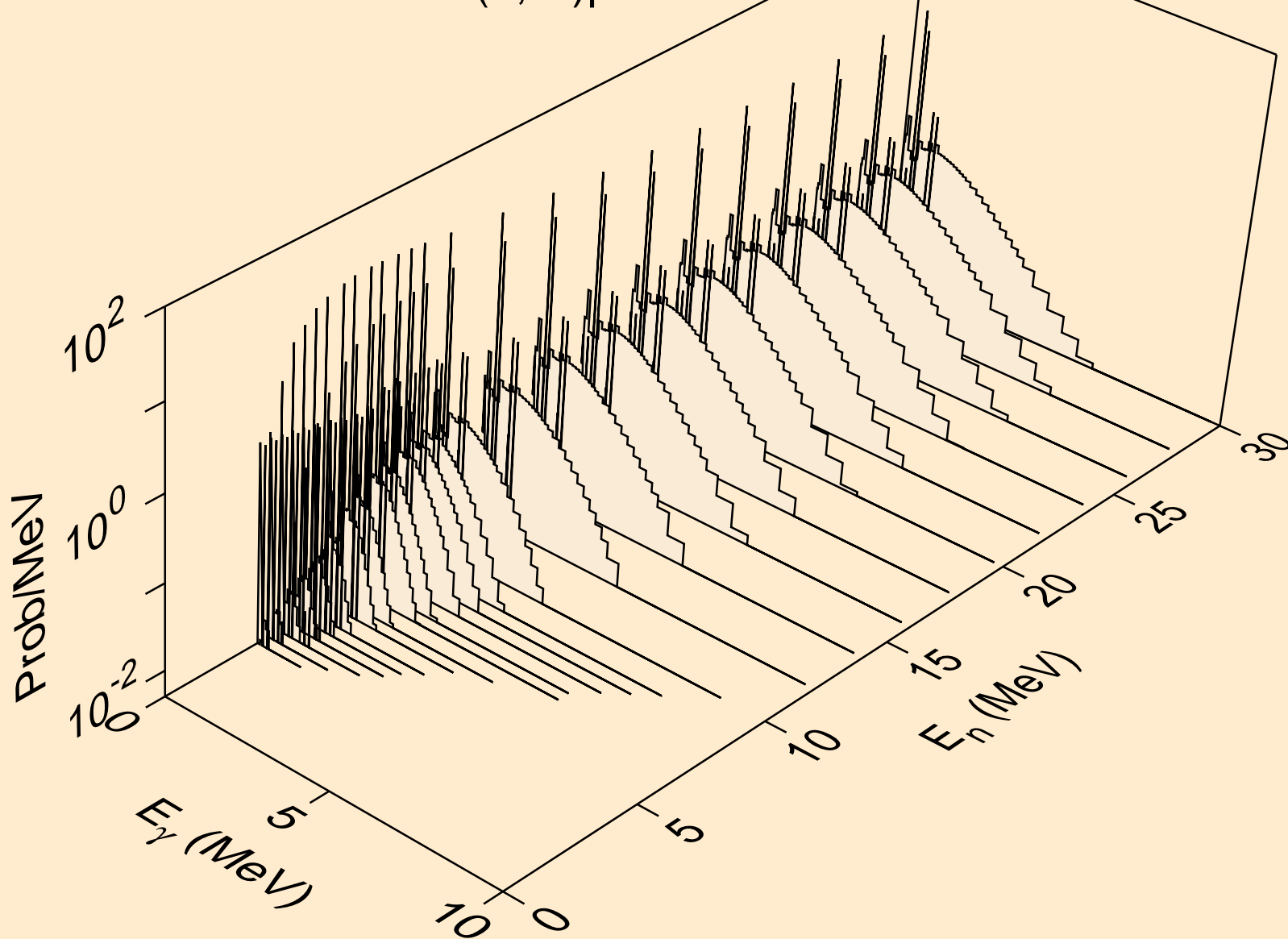
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



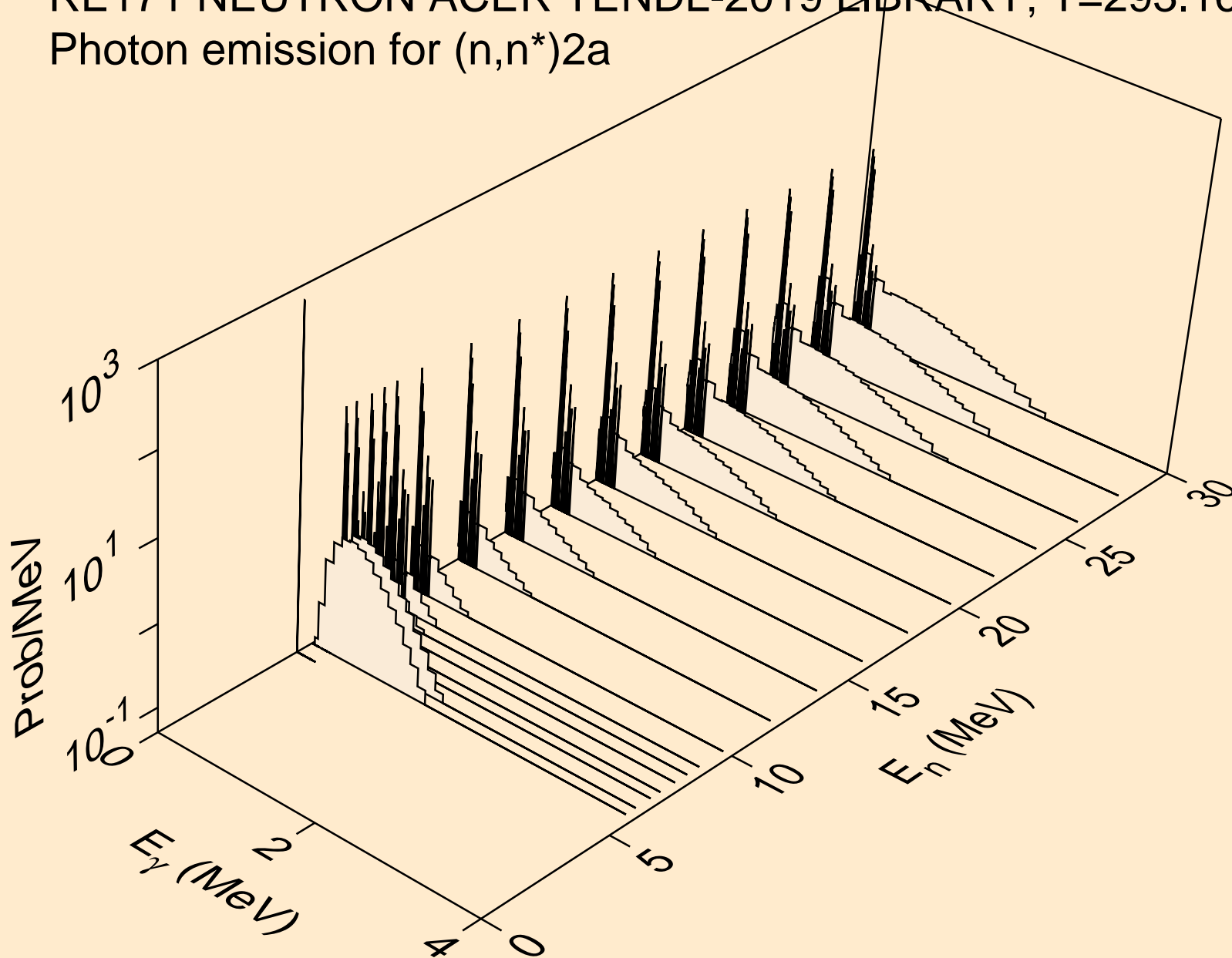
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



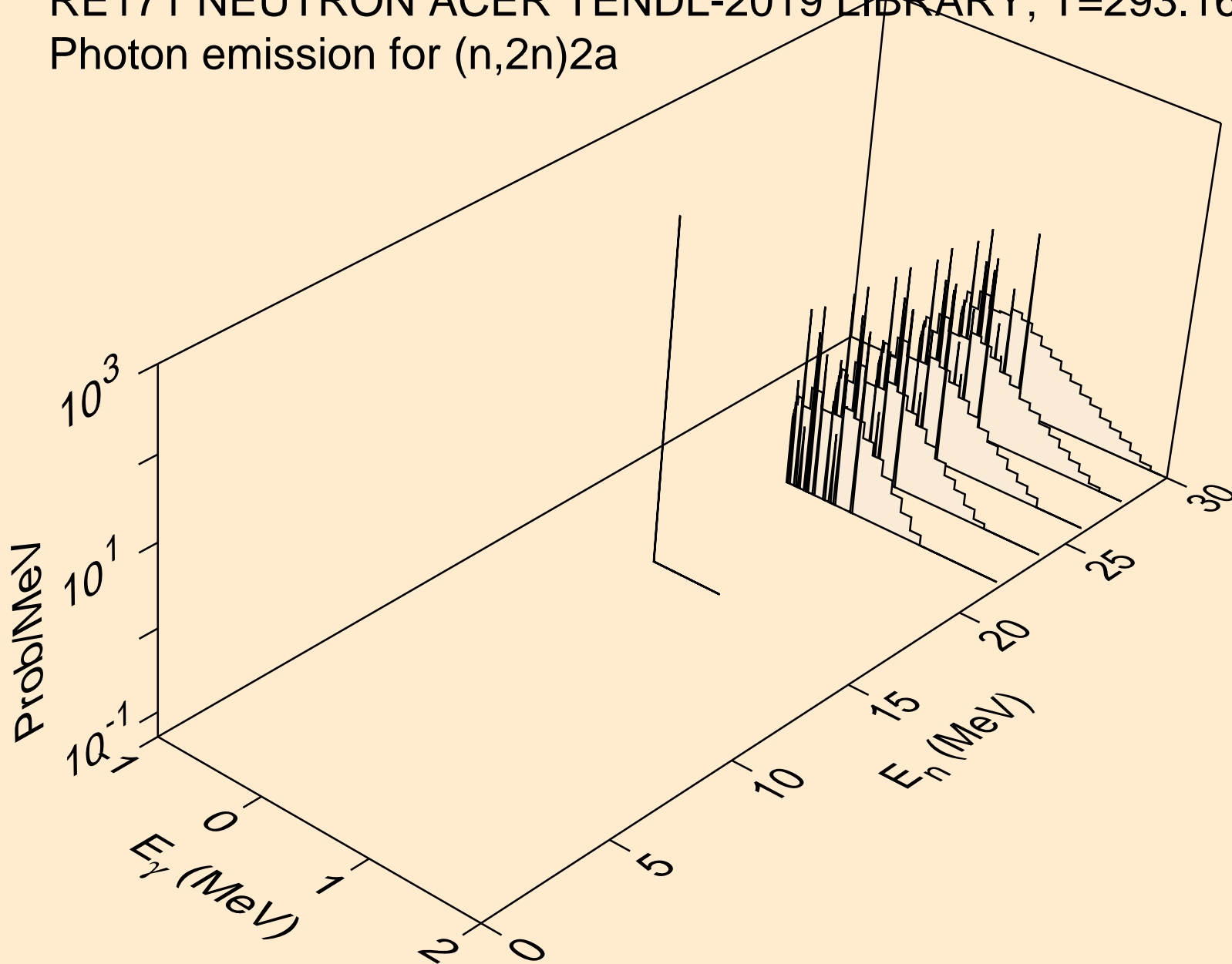
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



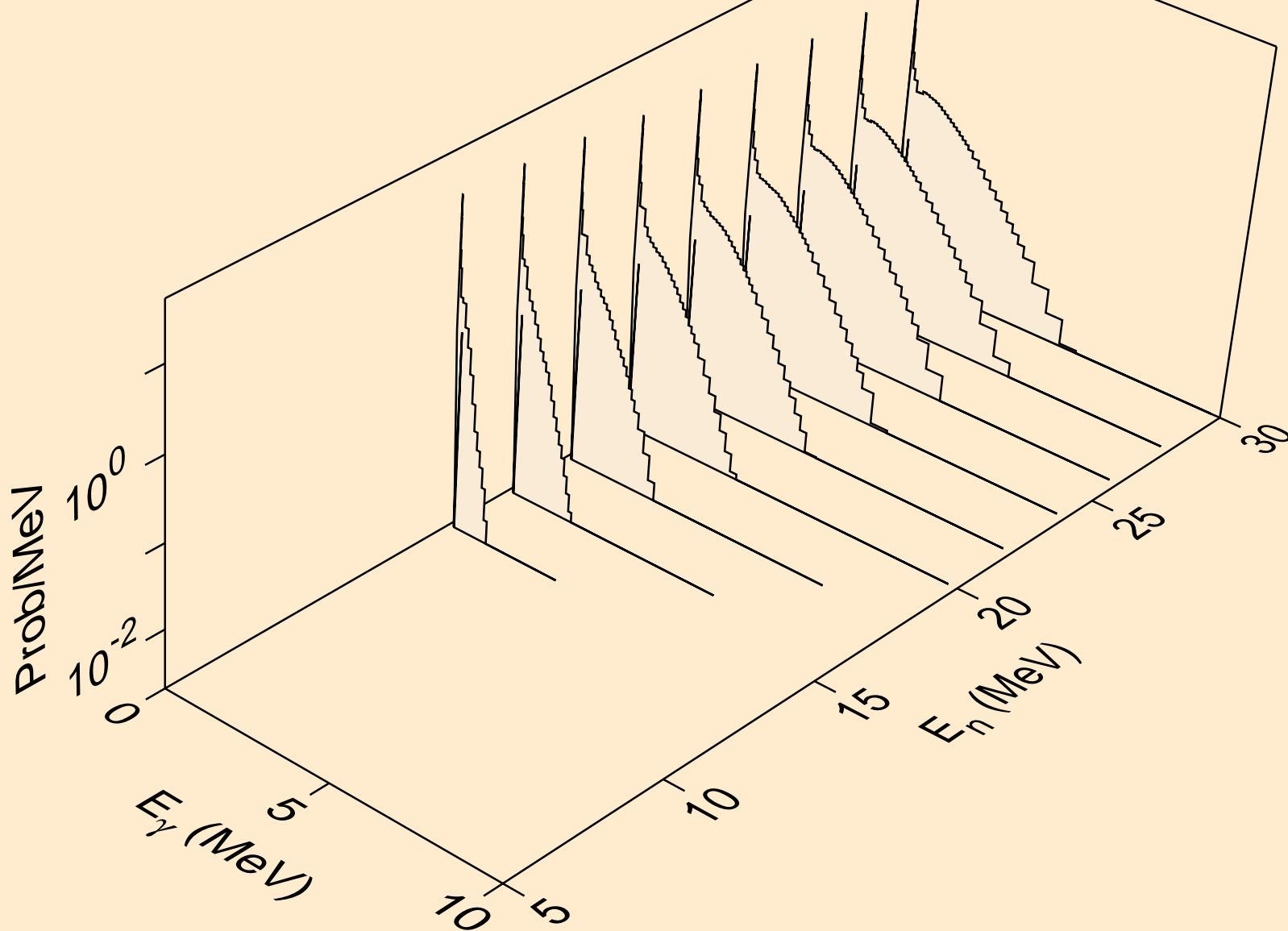
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



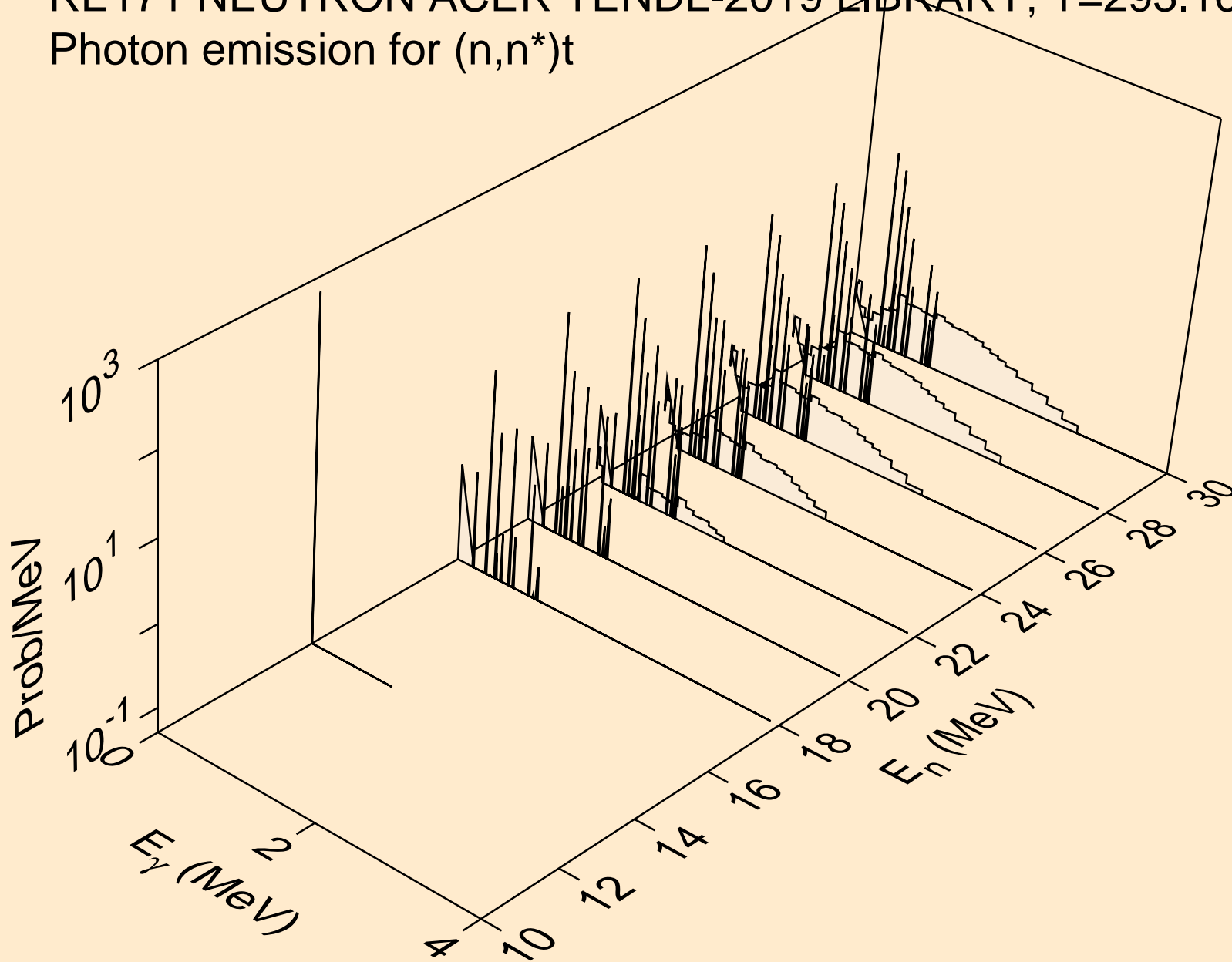
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



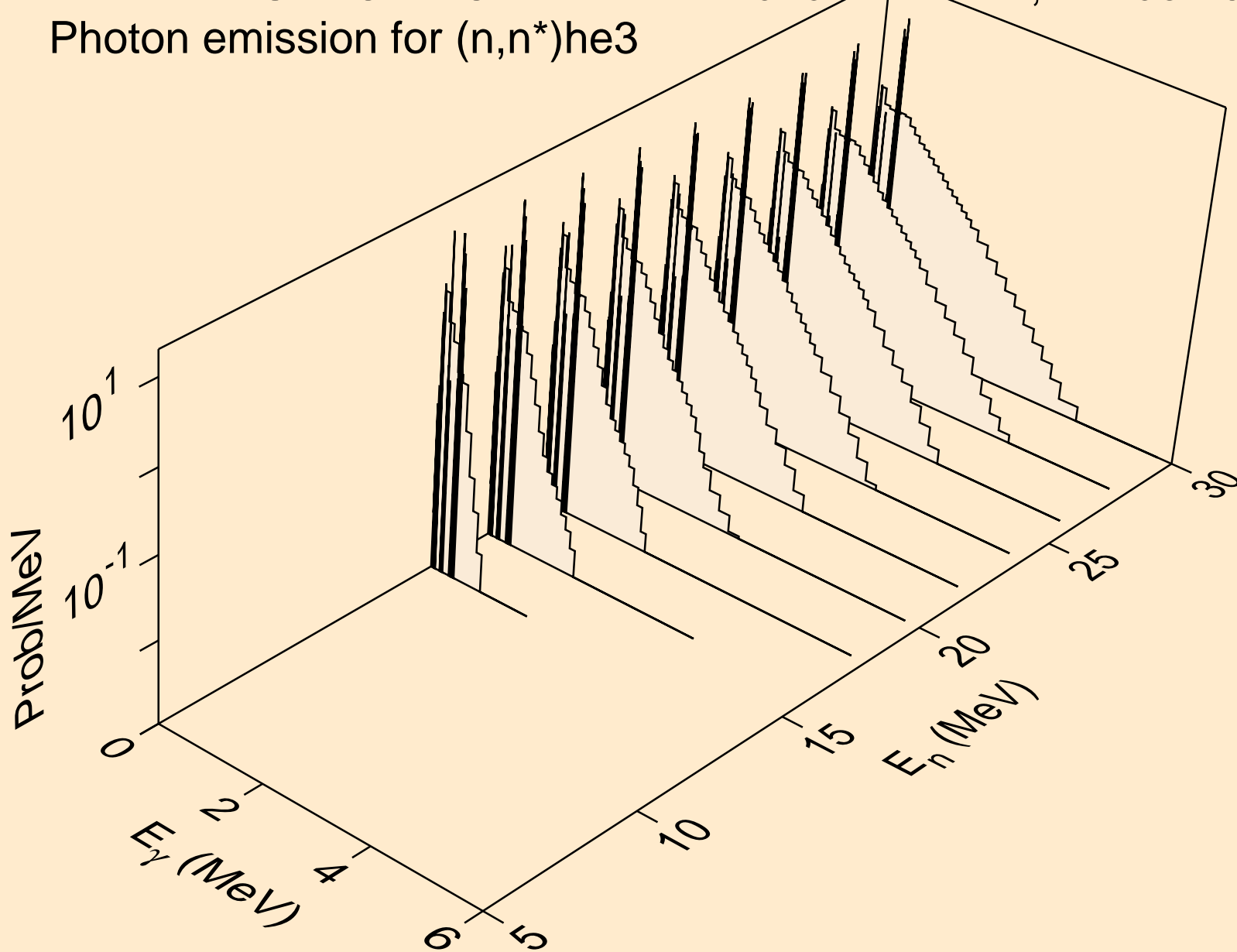
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



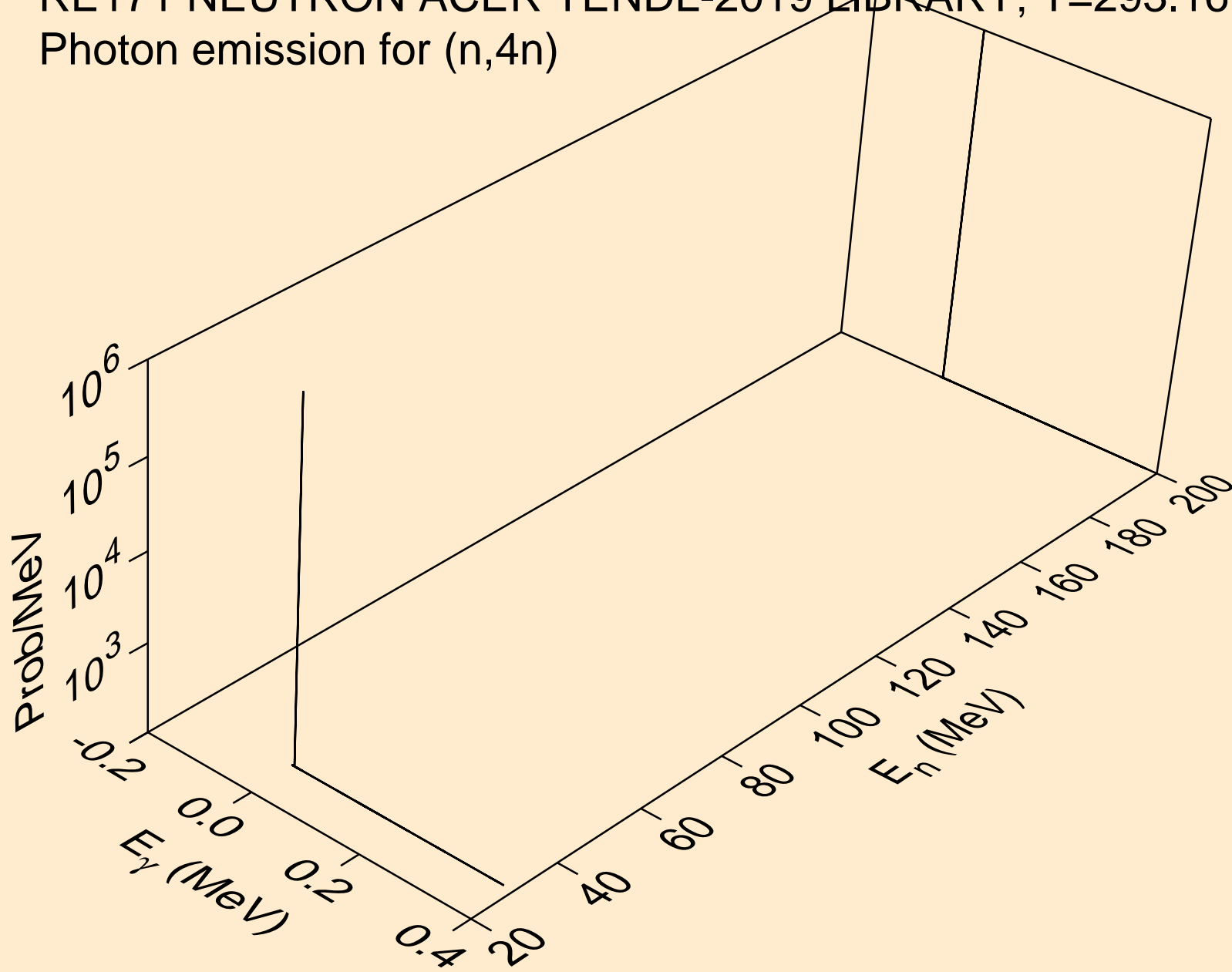
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



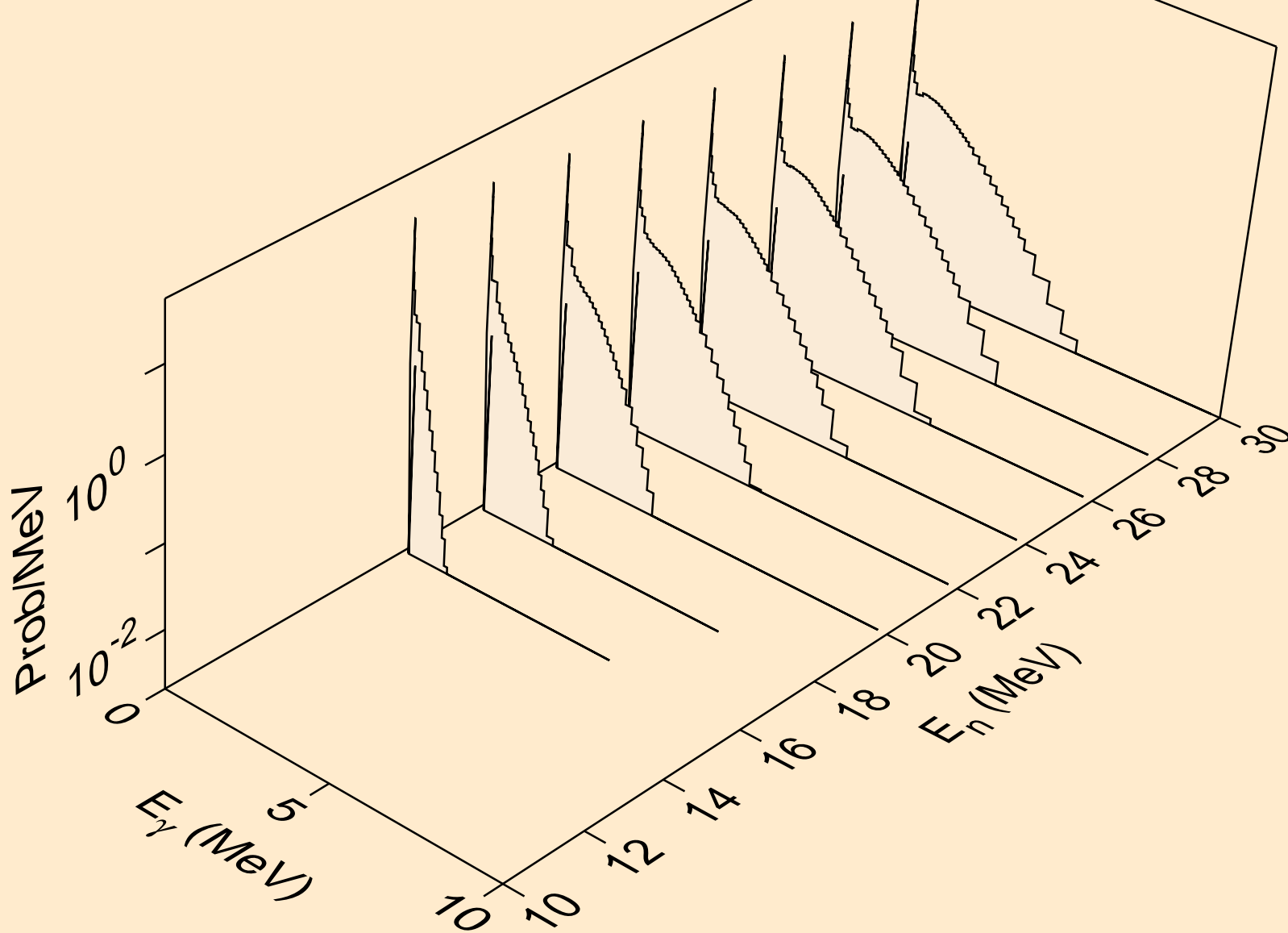
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



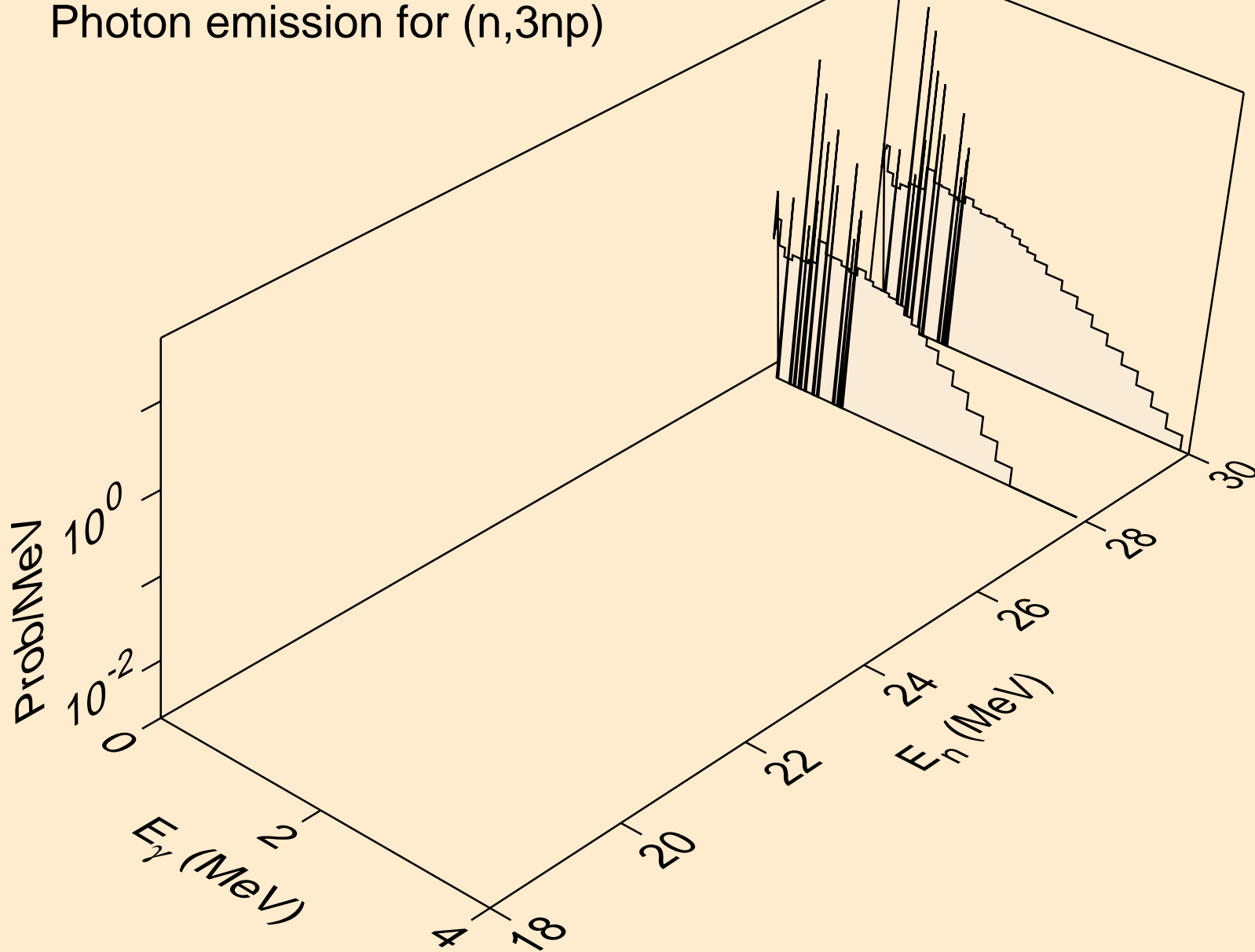
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



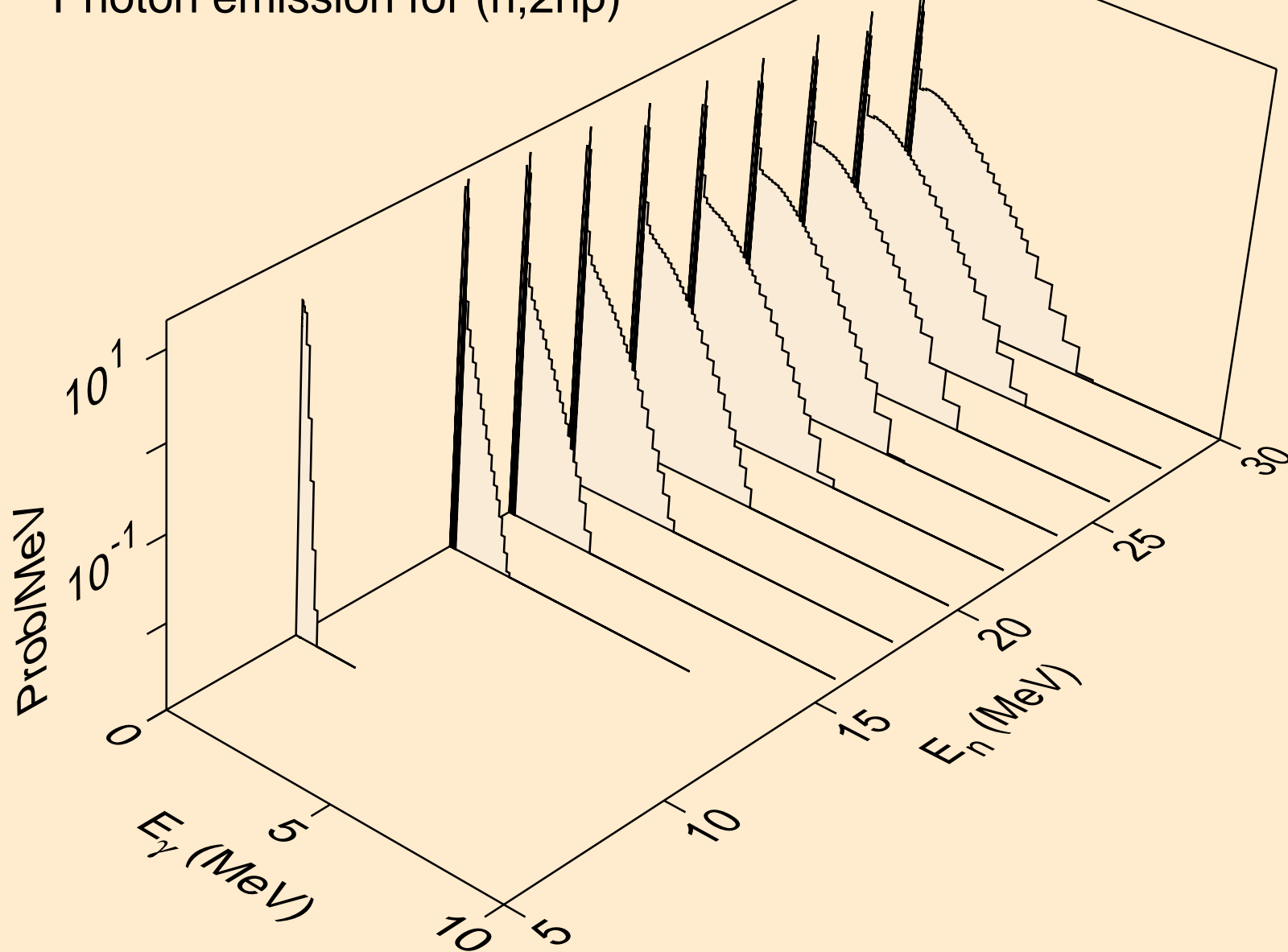
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



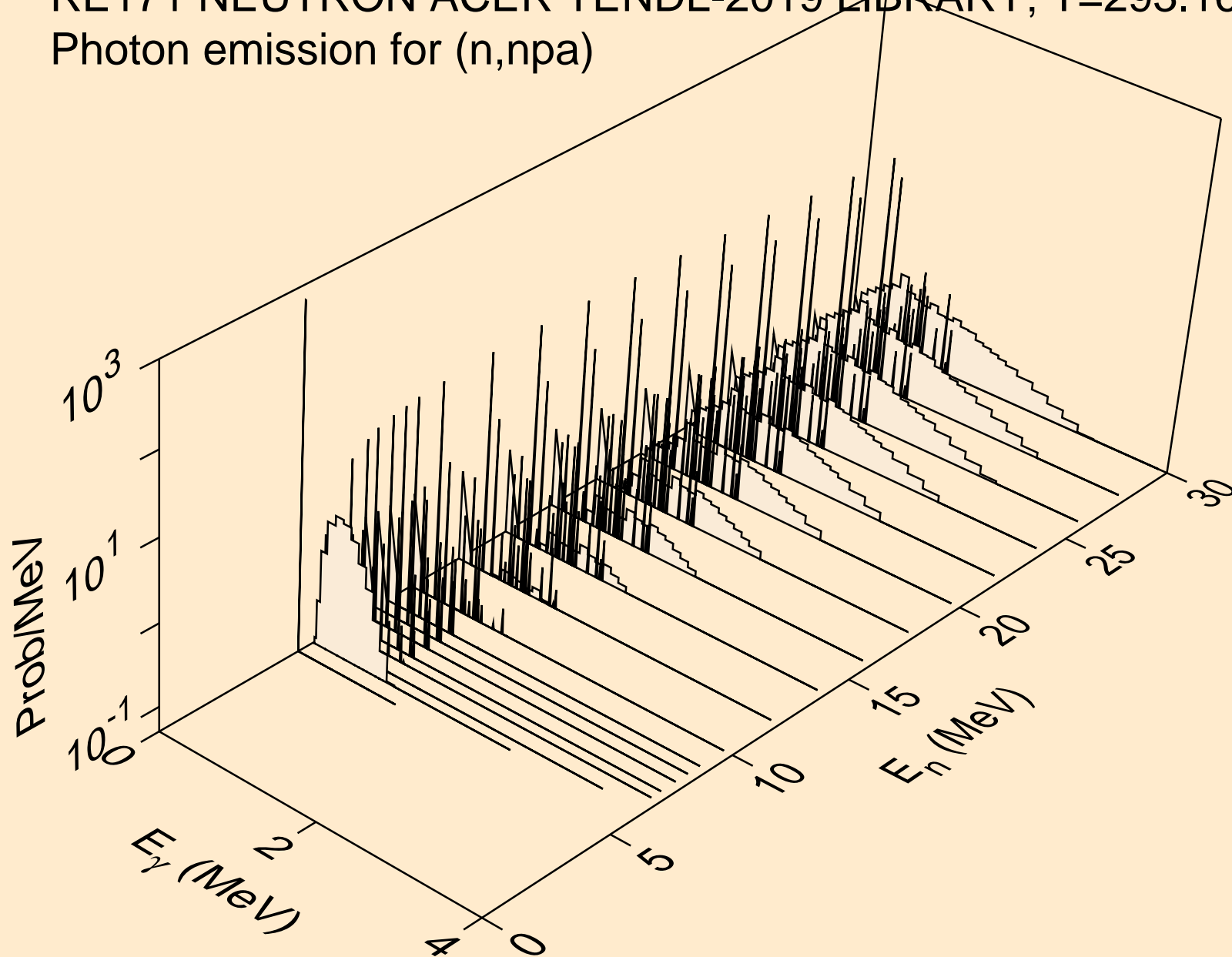
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



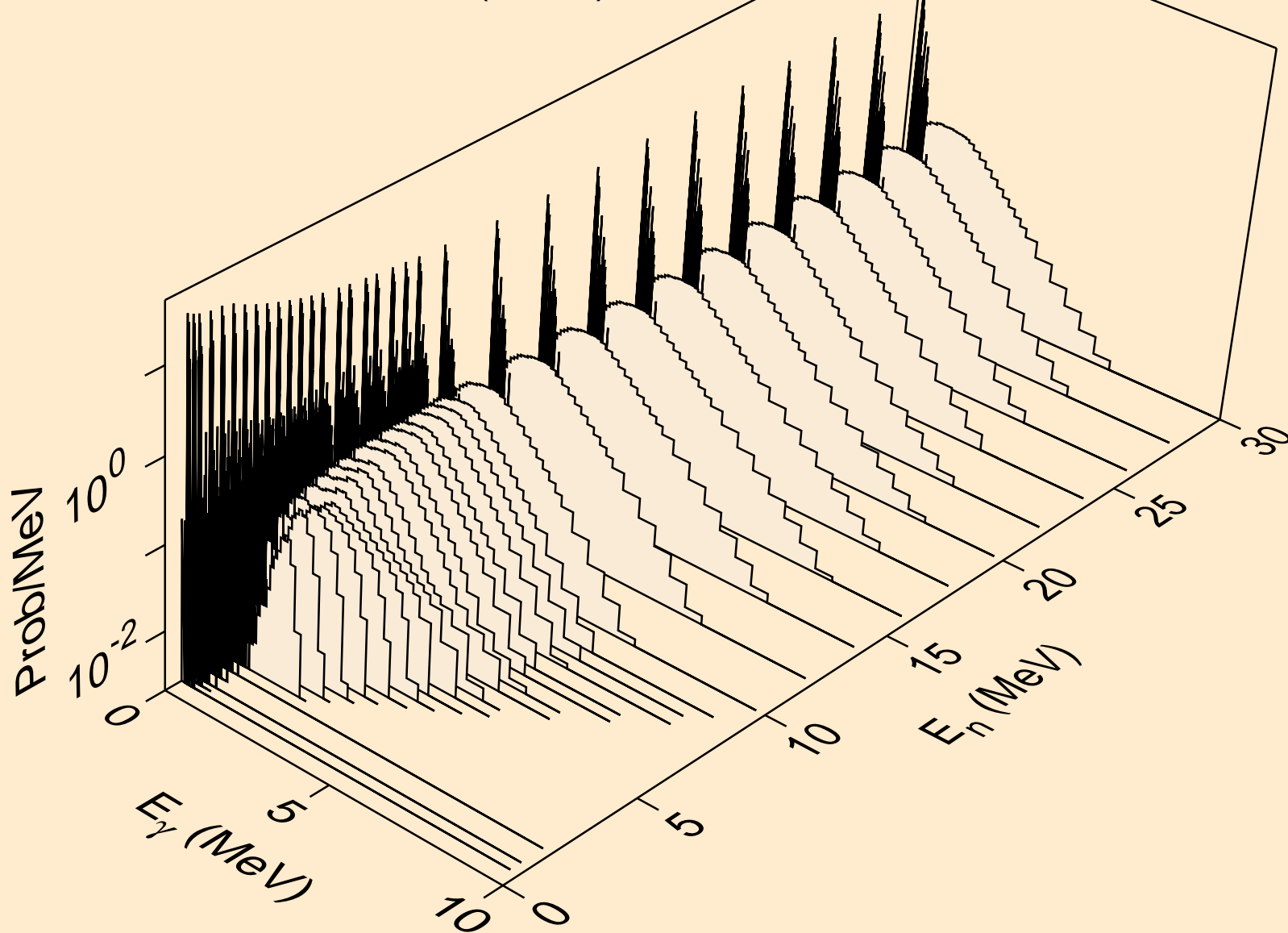
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



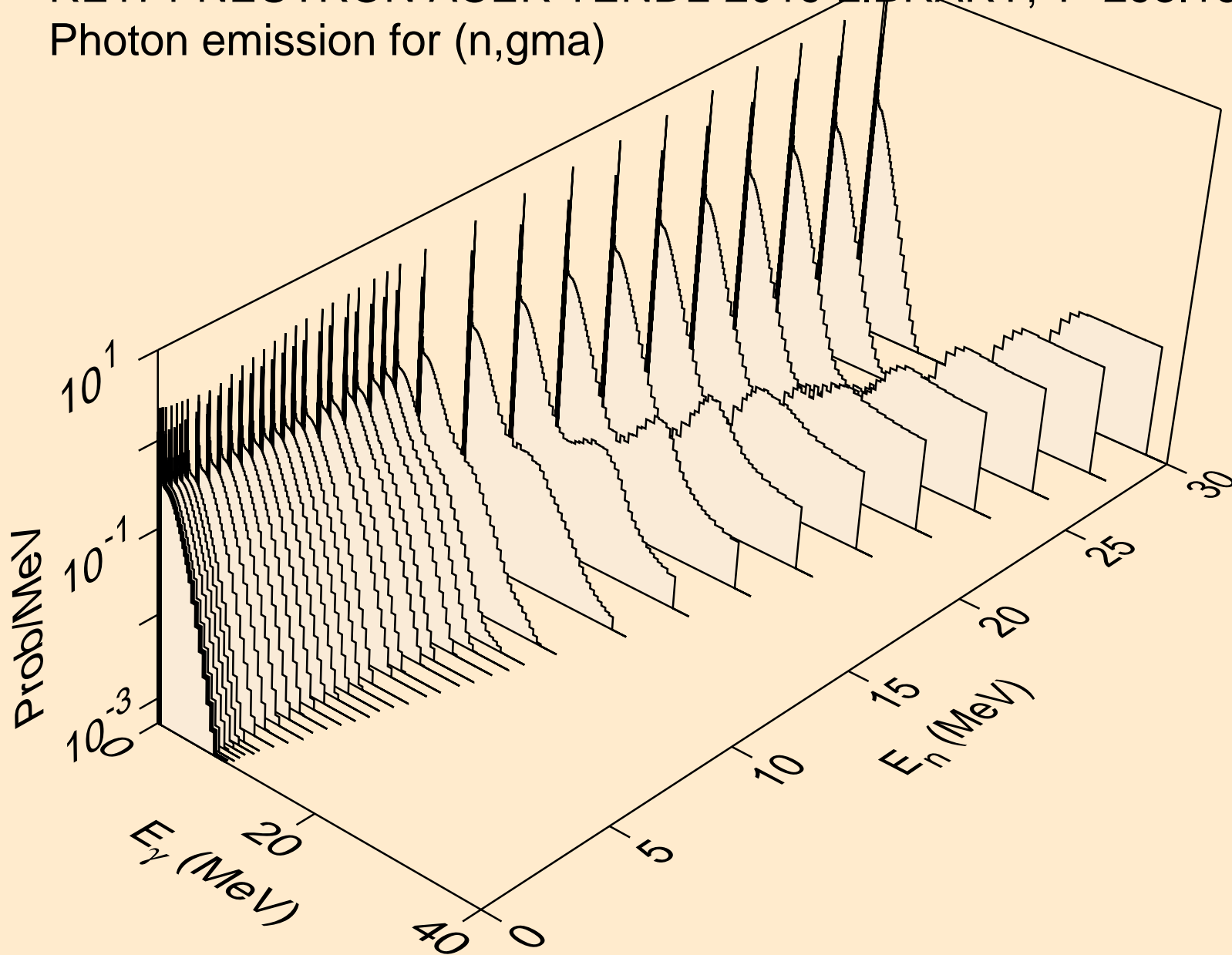
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



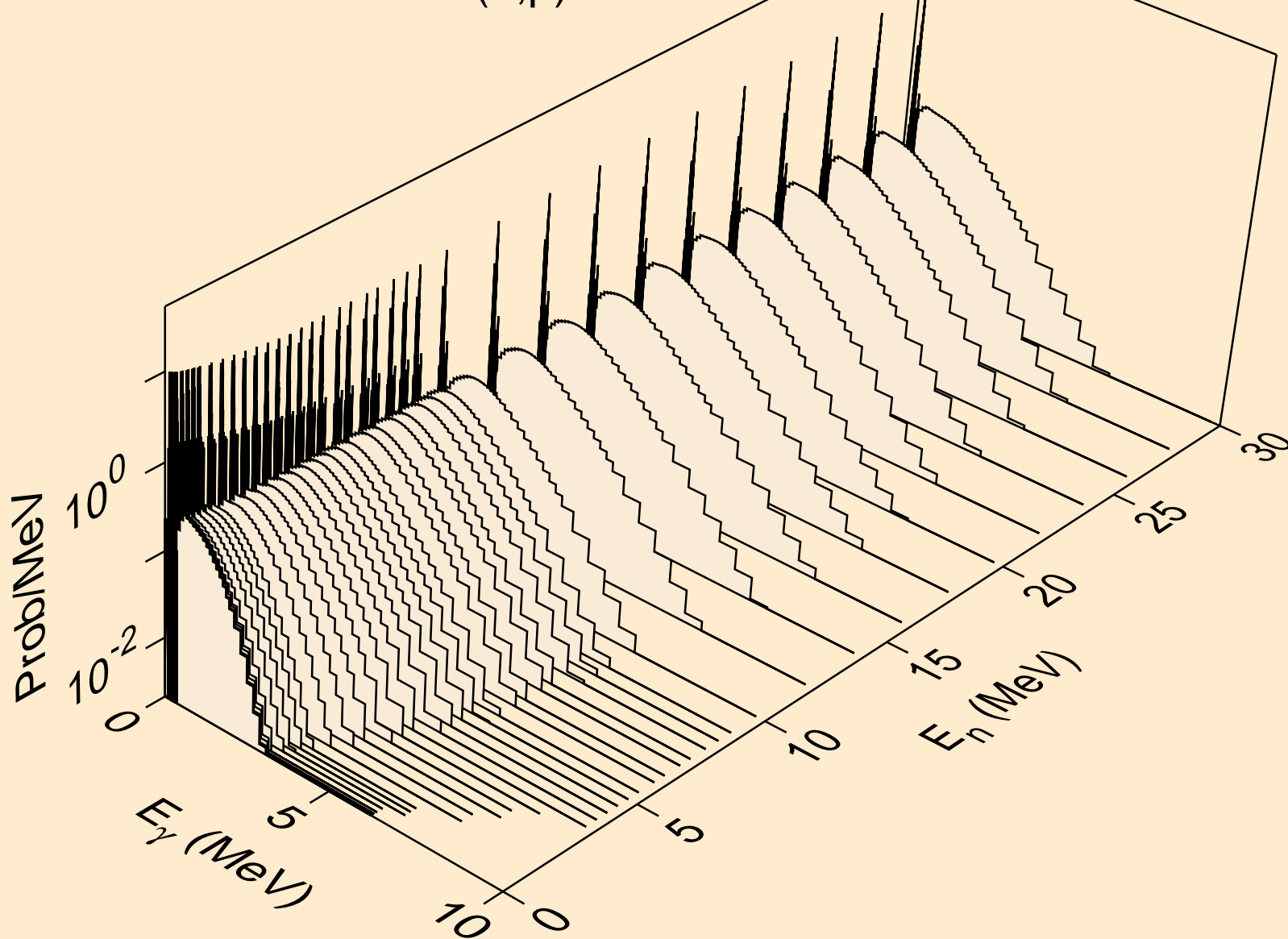
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



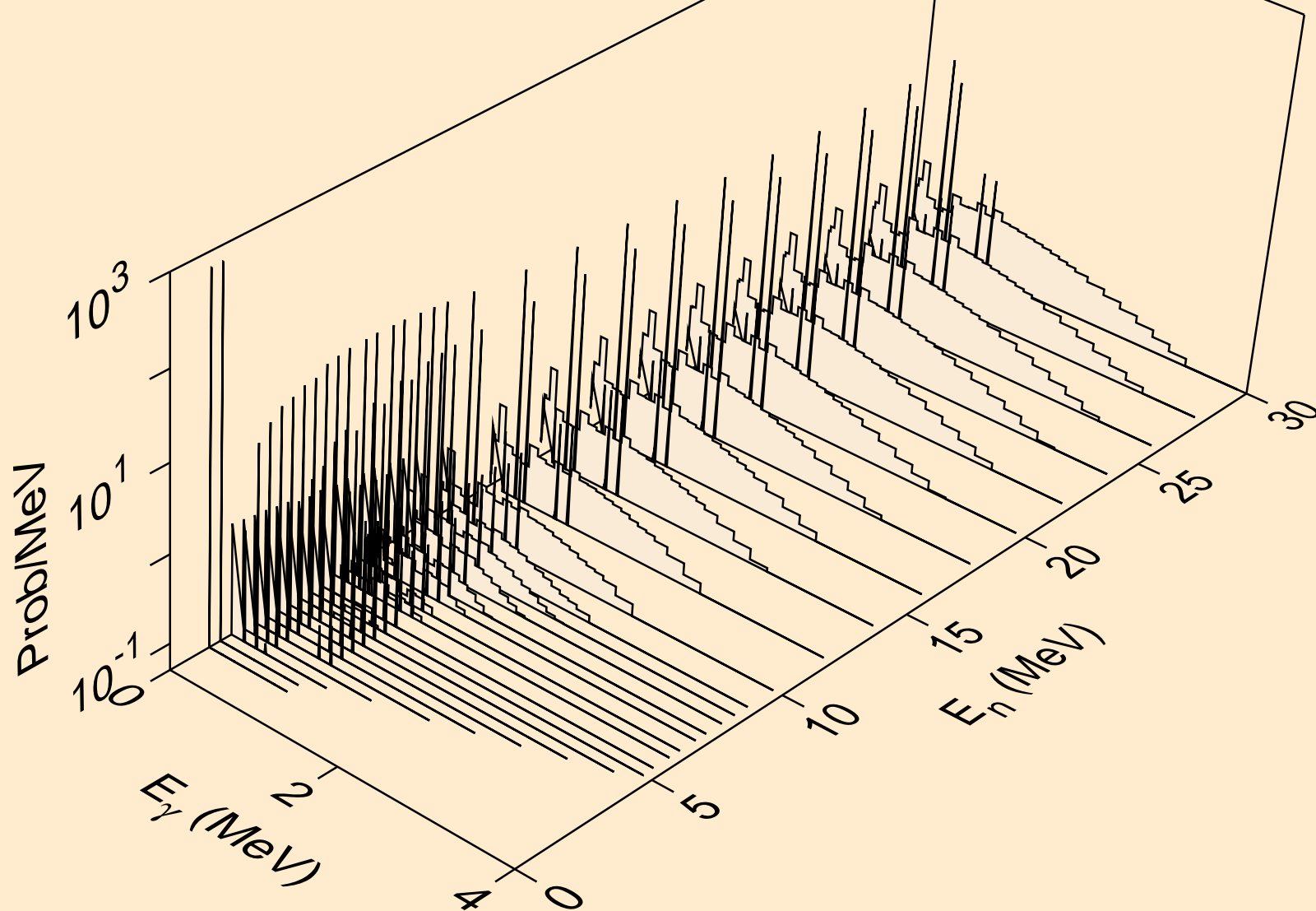
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



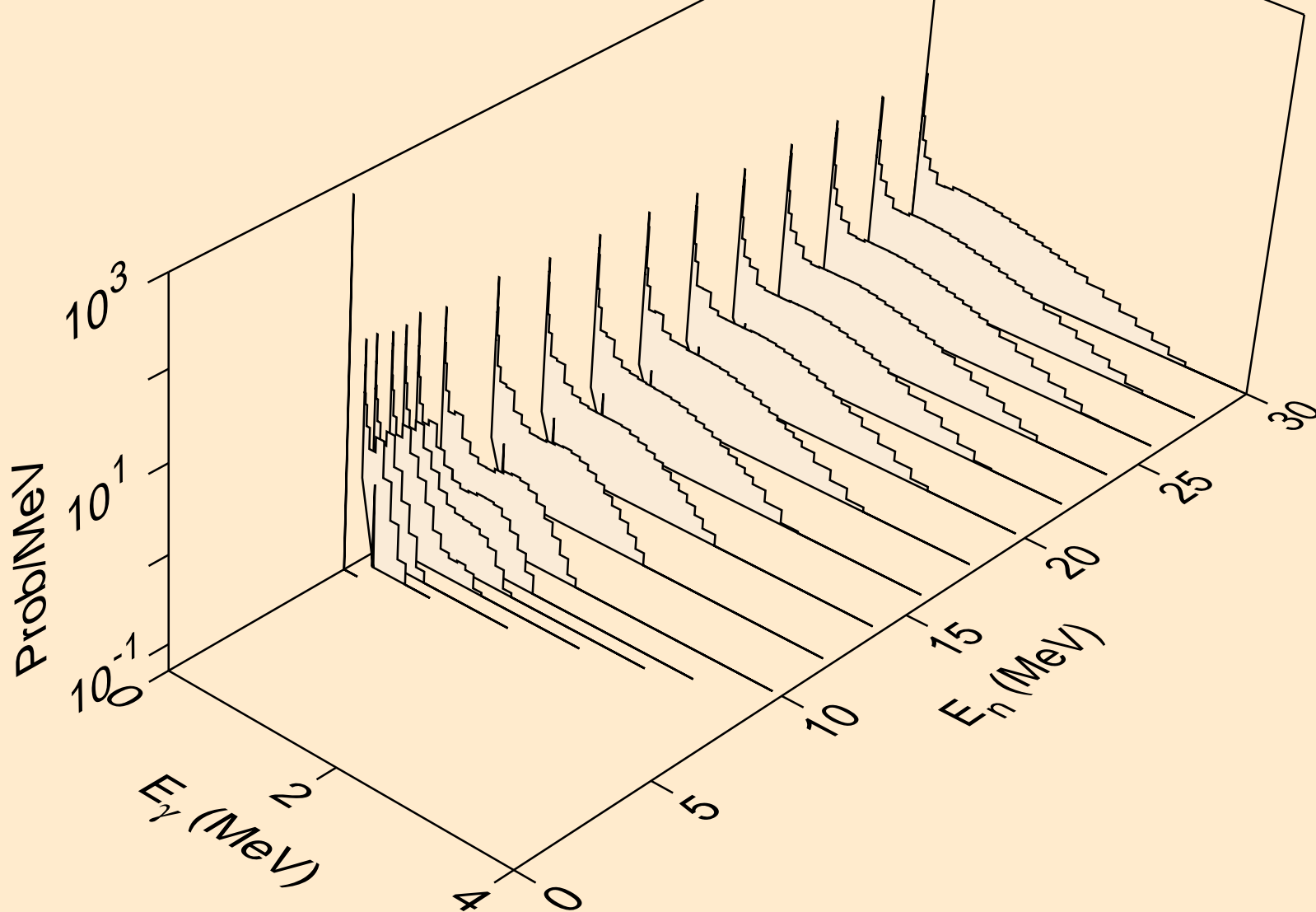
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



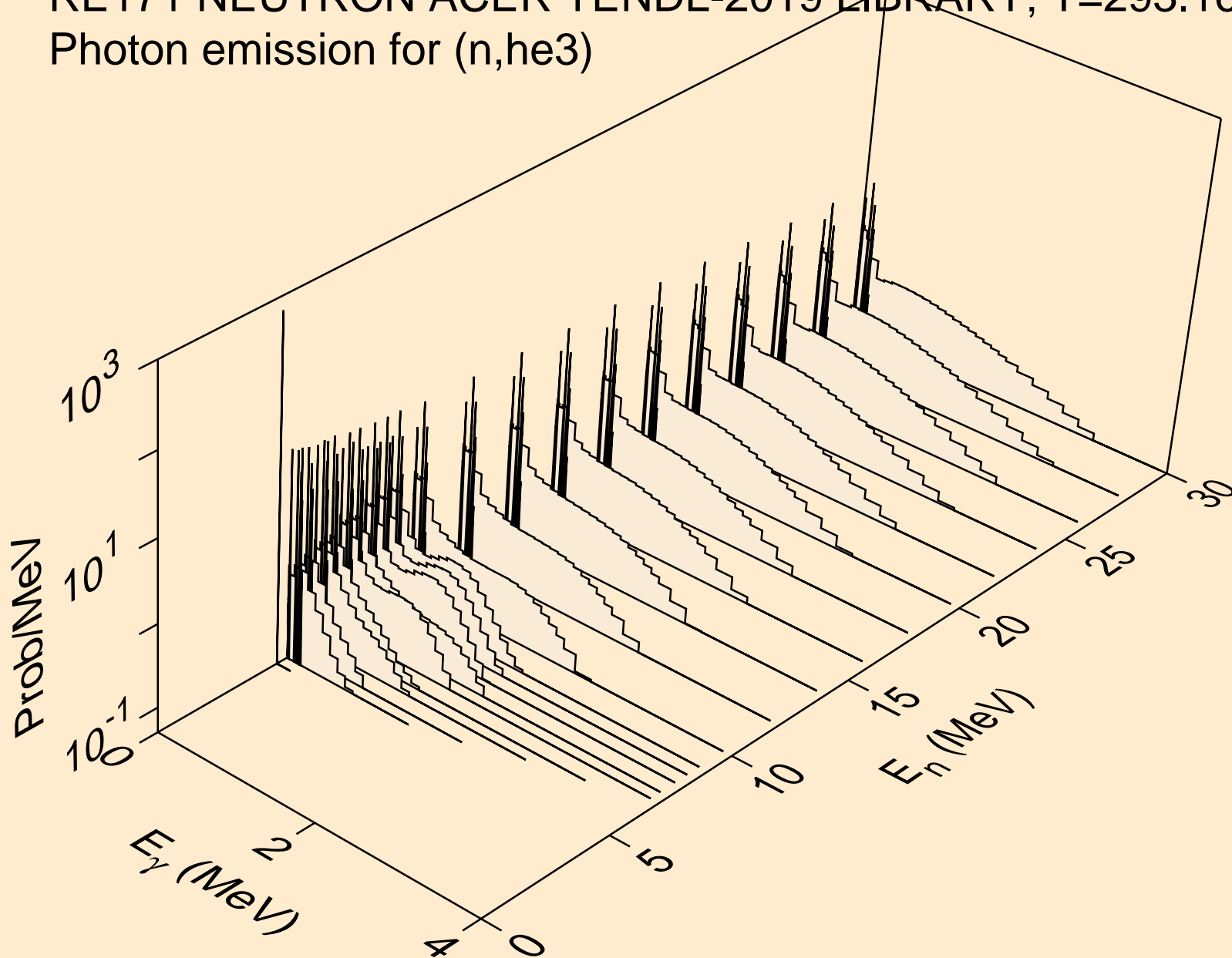
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



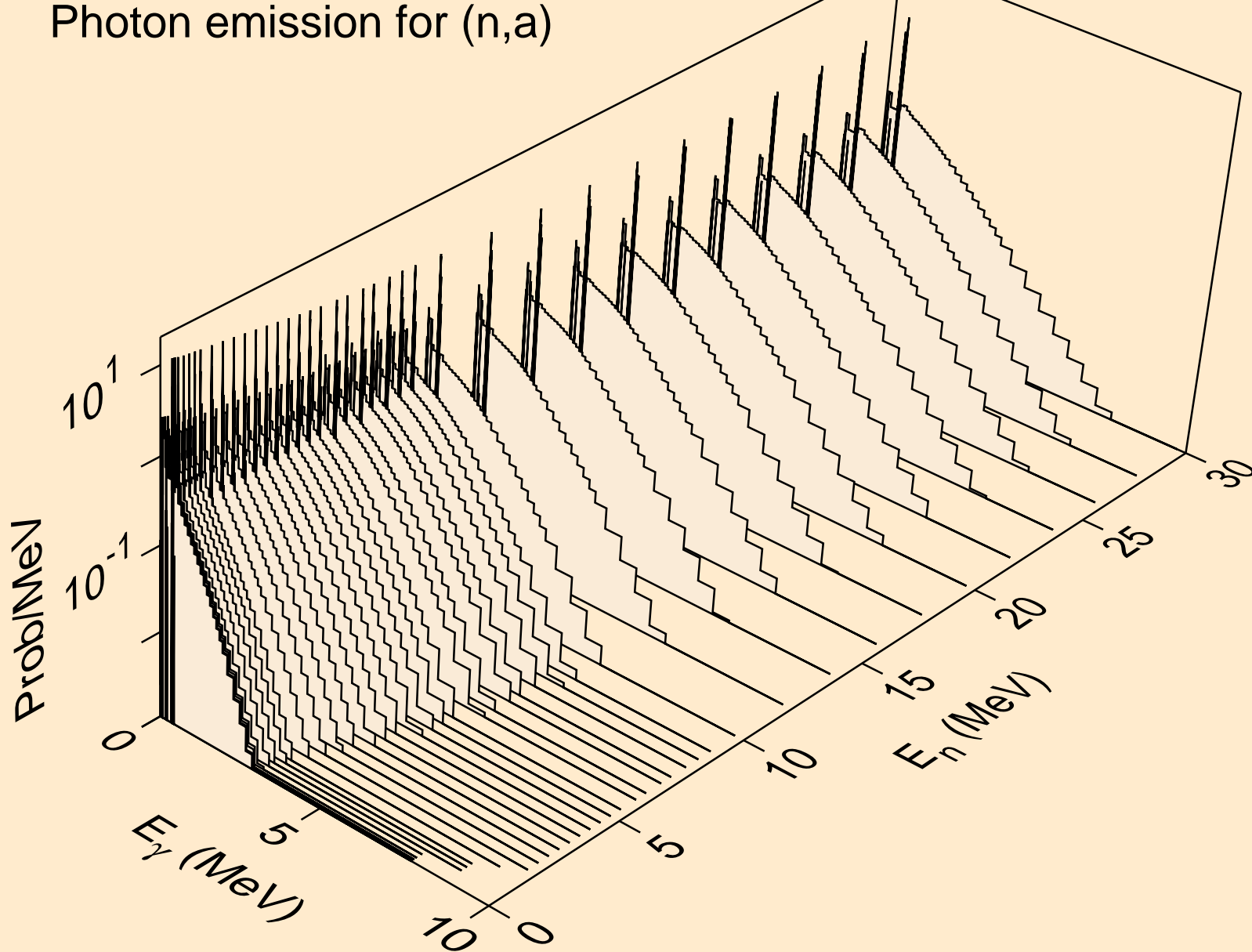
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



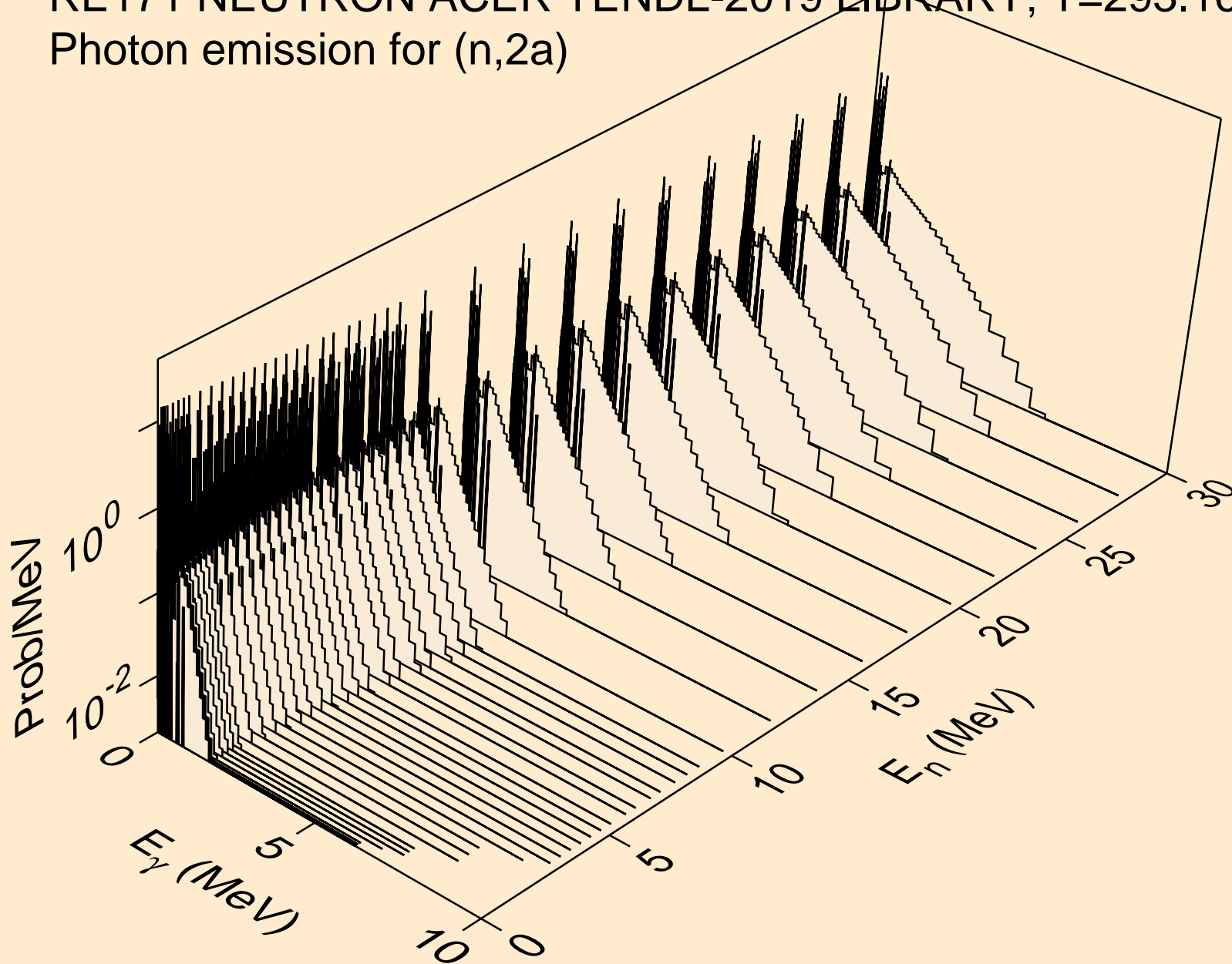
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



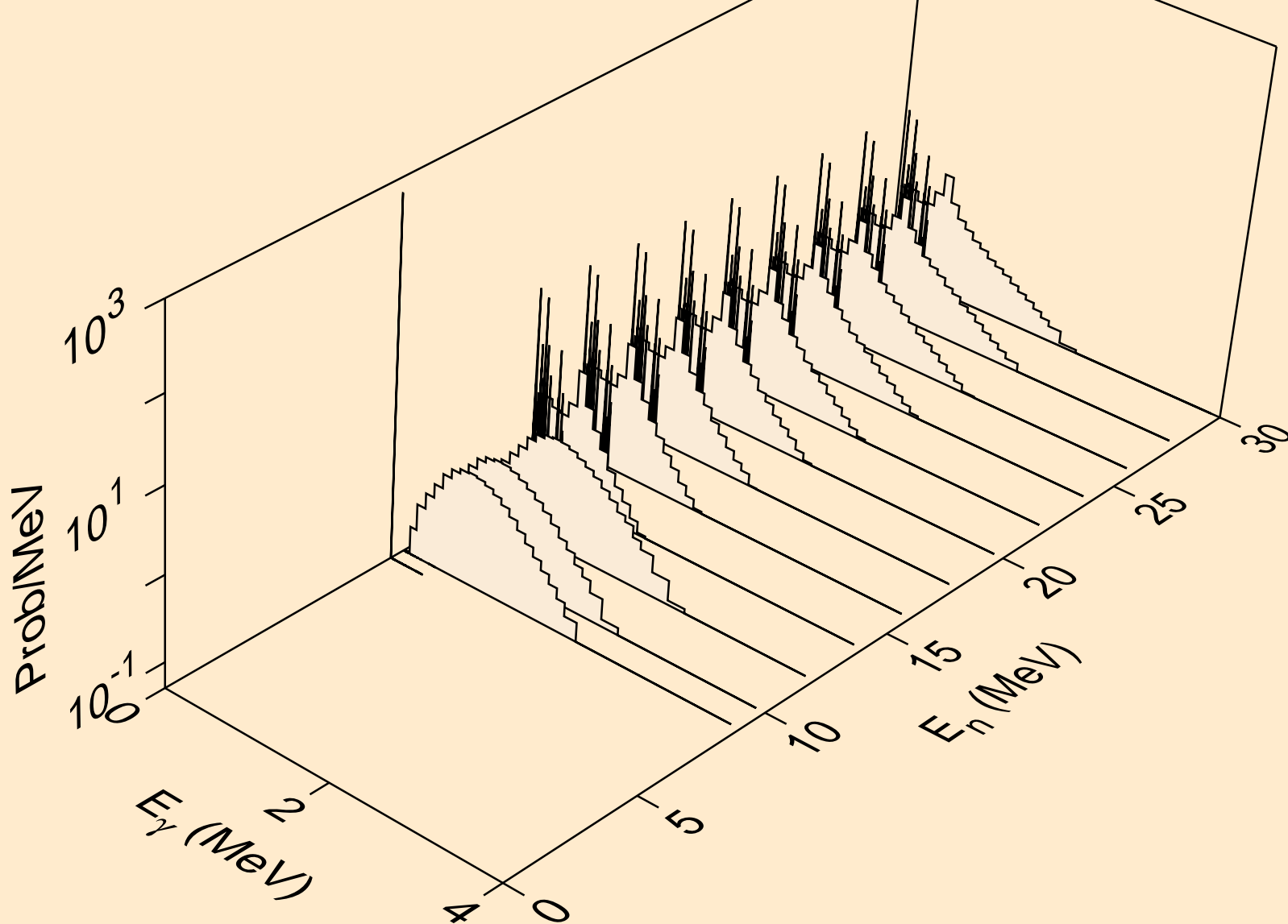
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



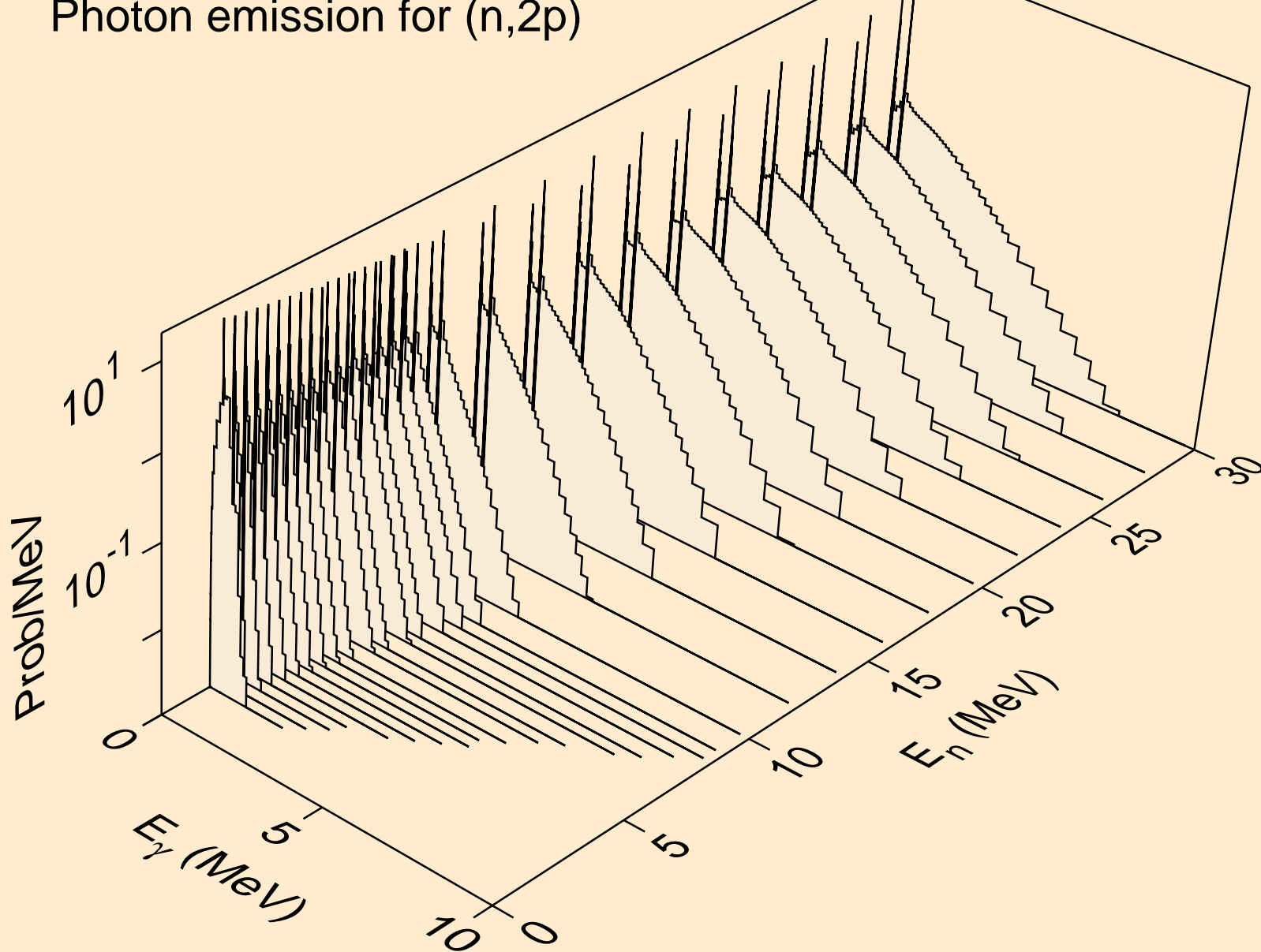
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



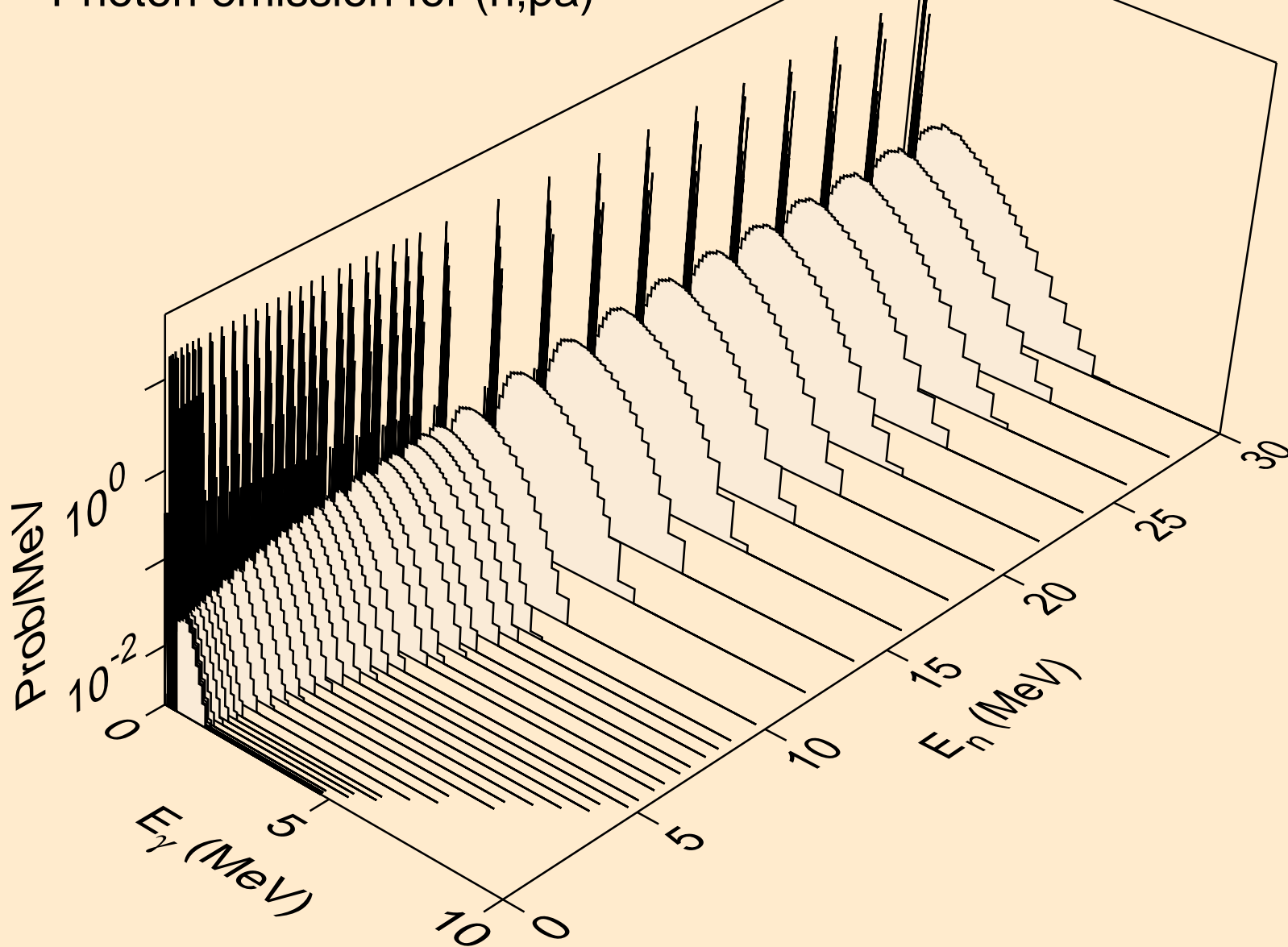
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



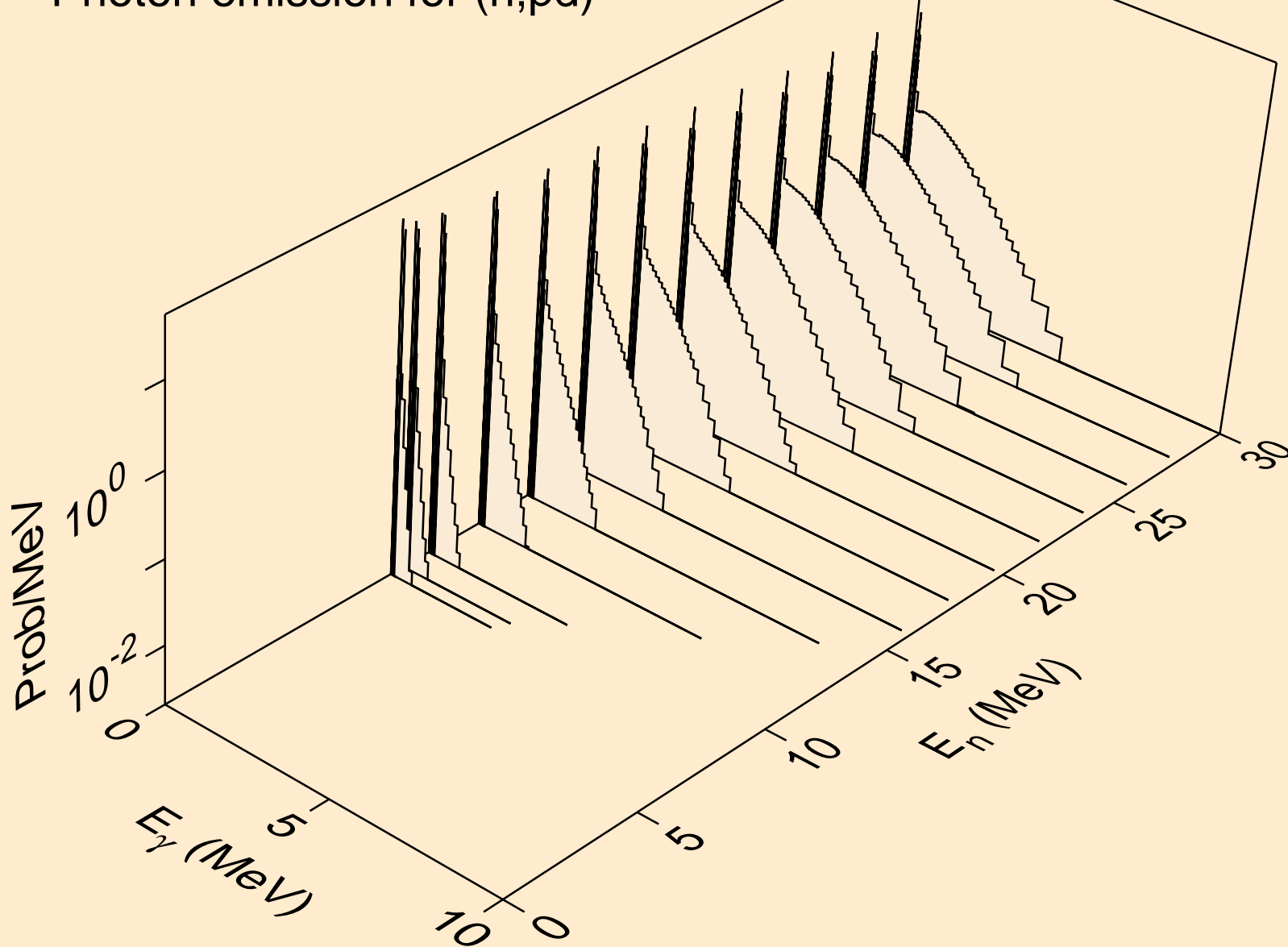
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



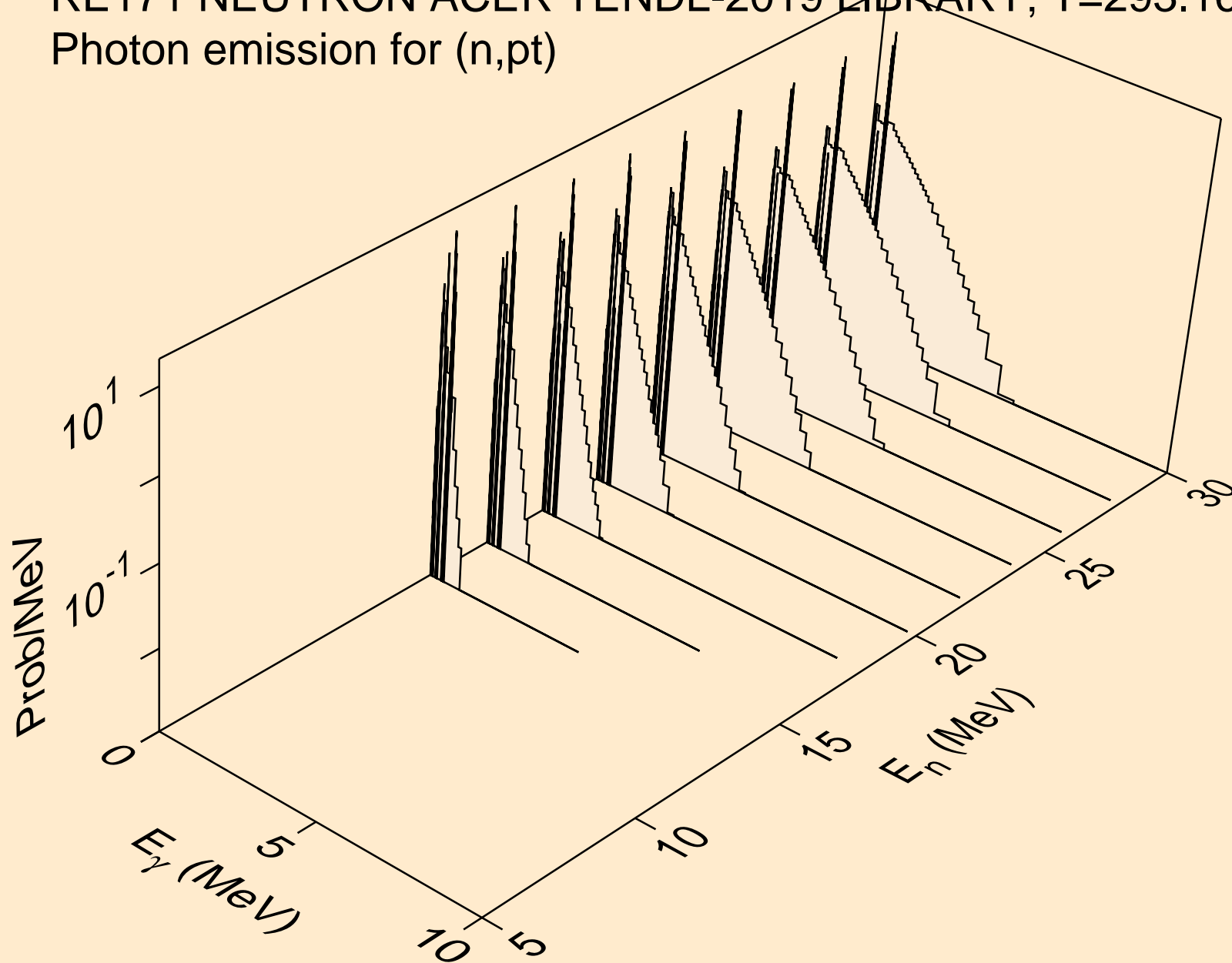
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



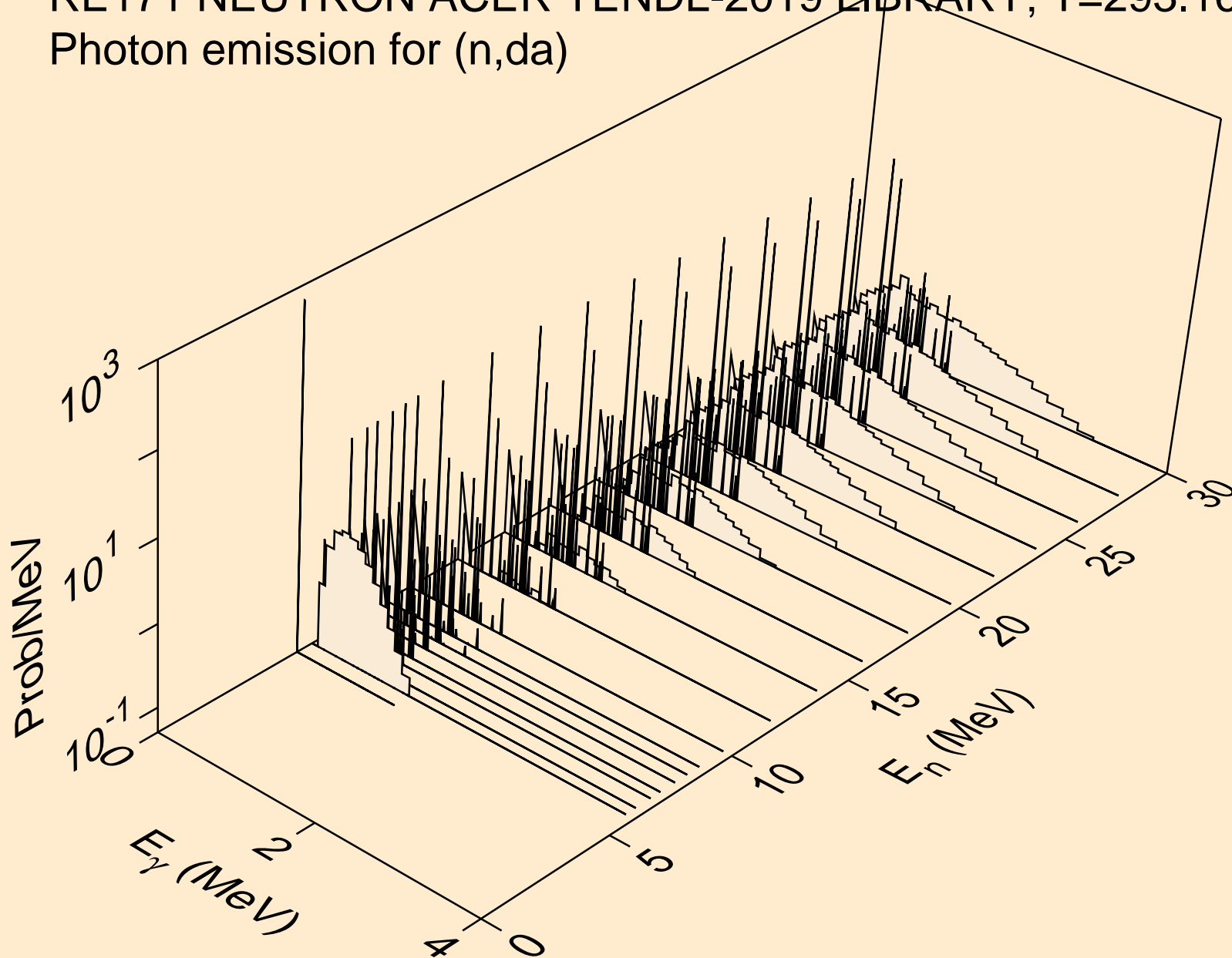
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



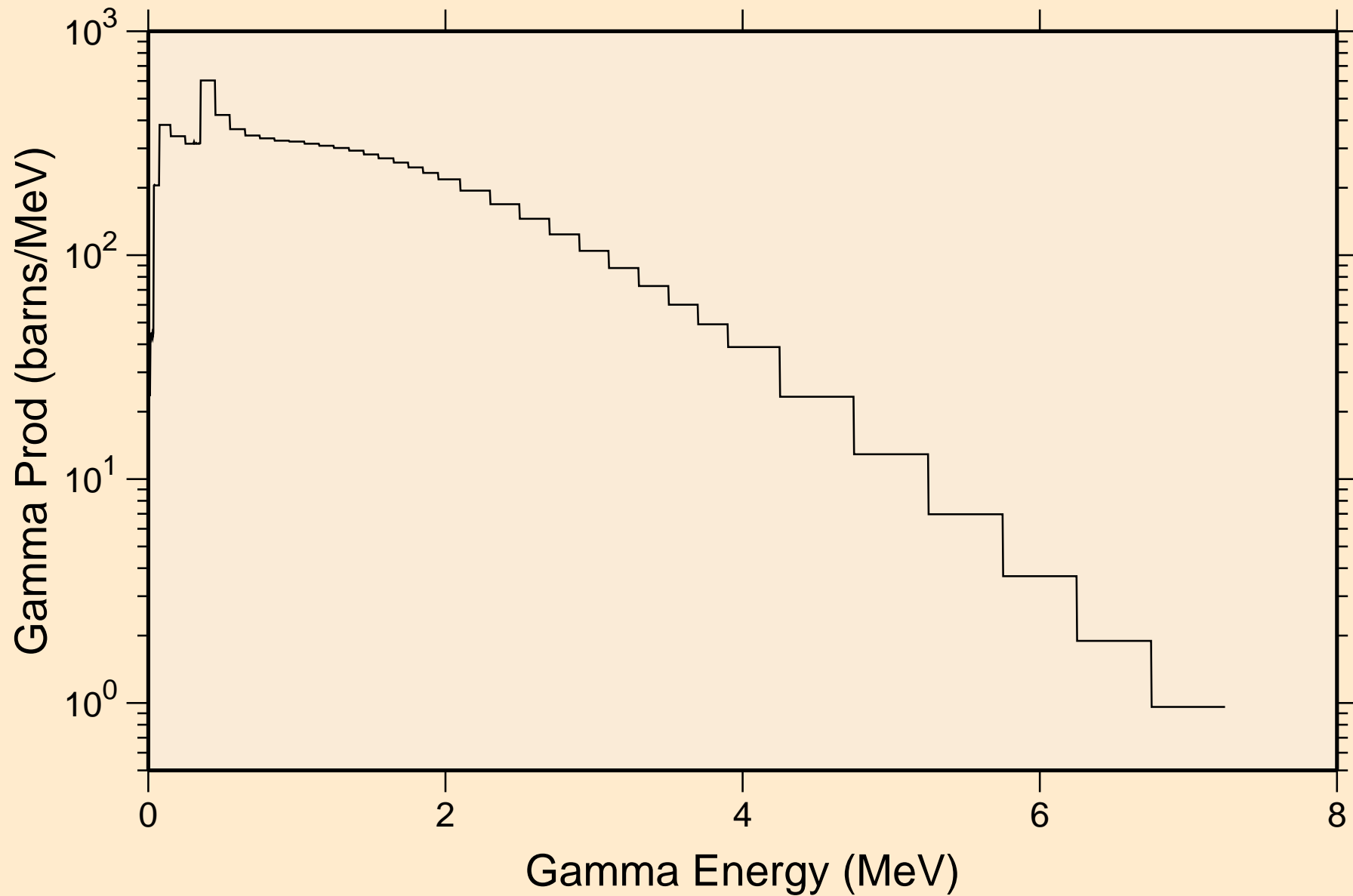
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



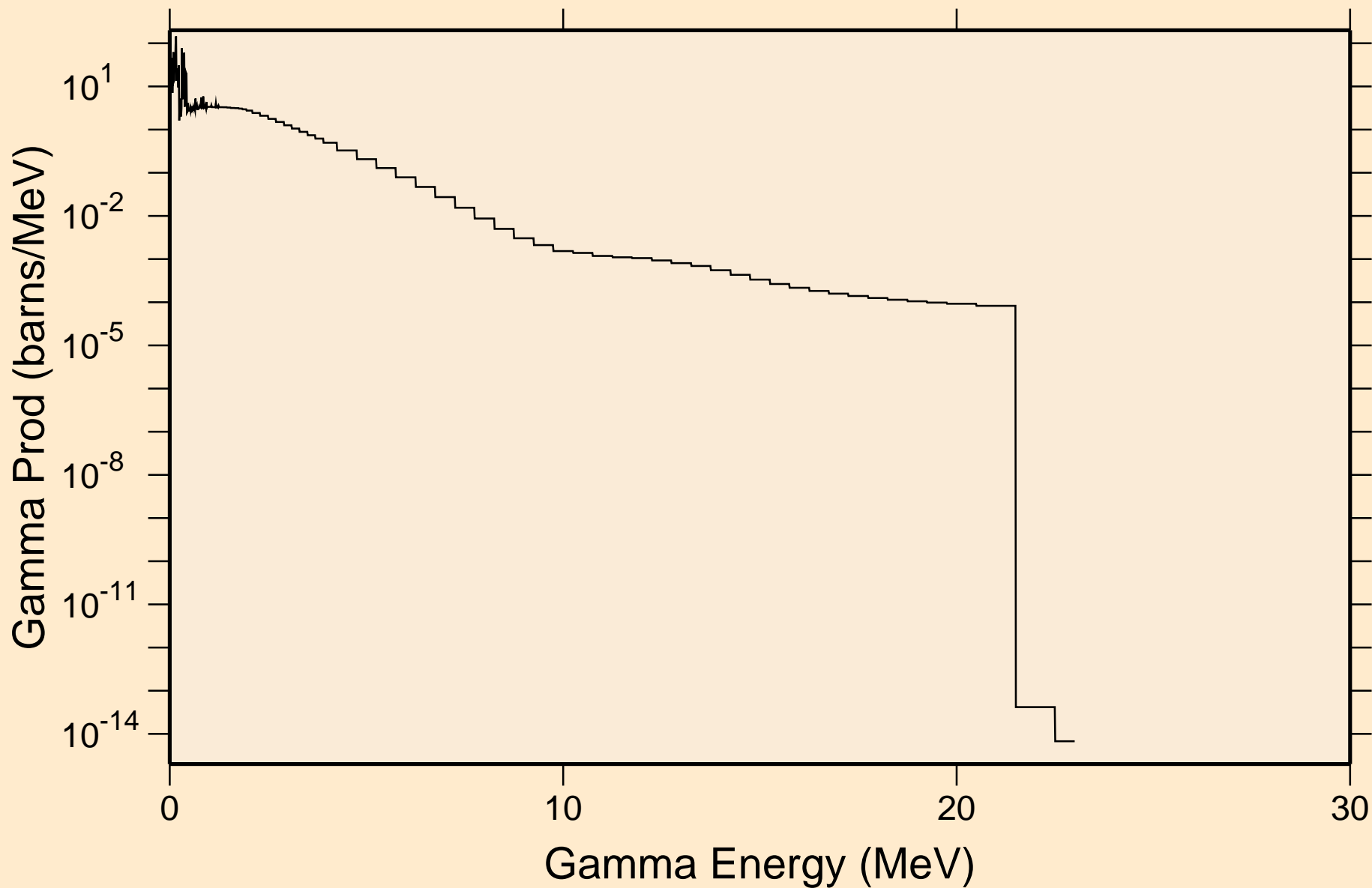
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

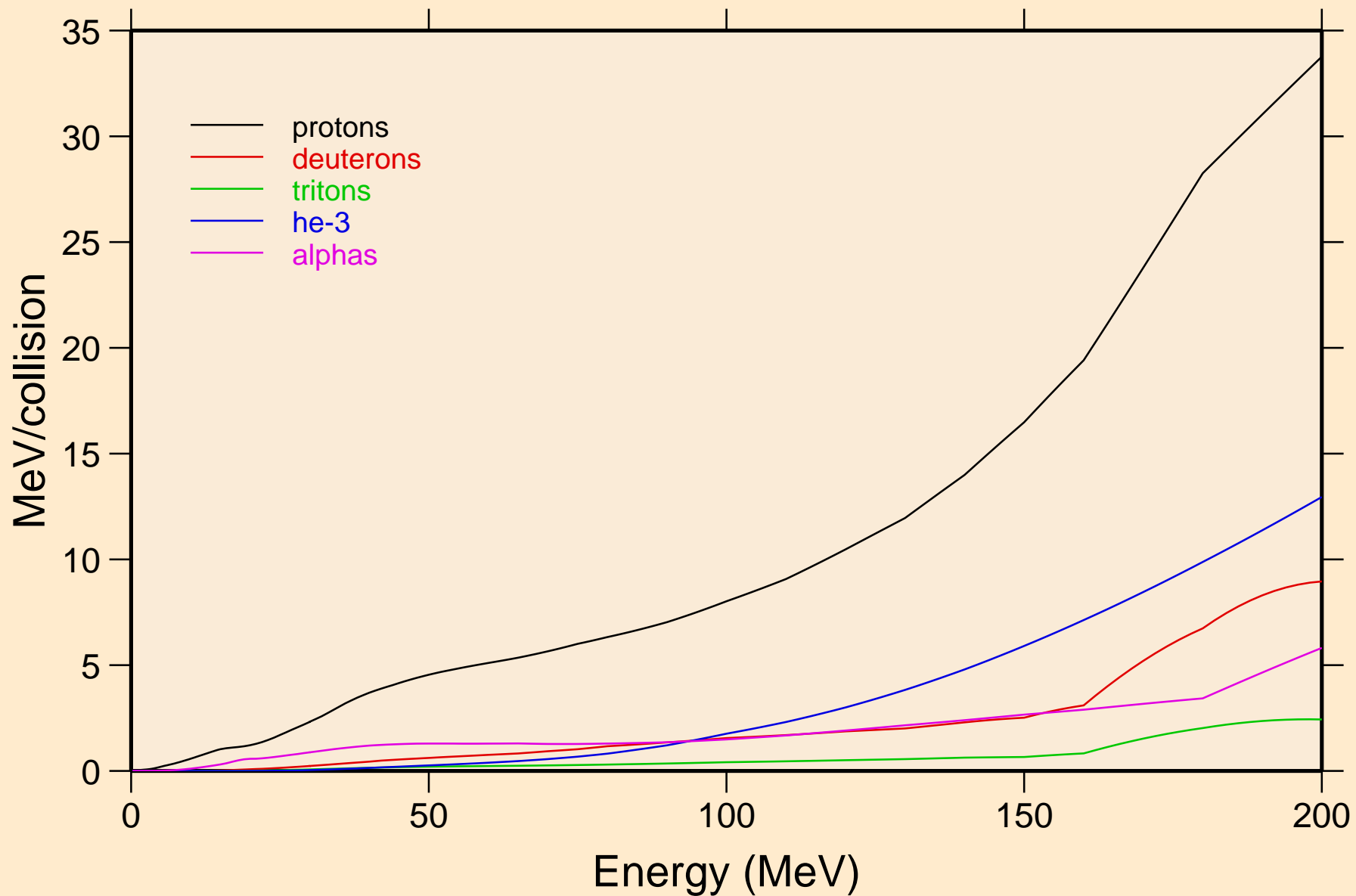


RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

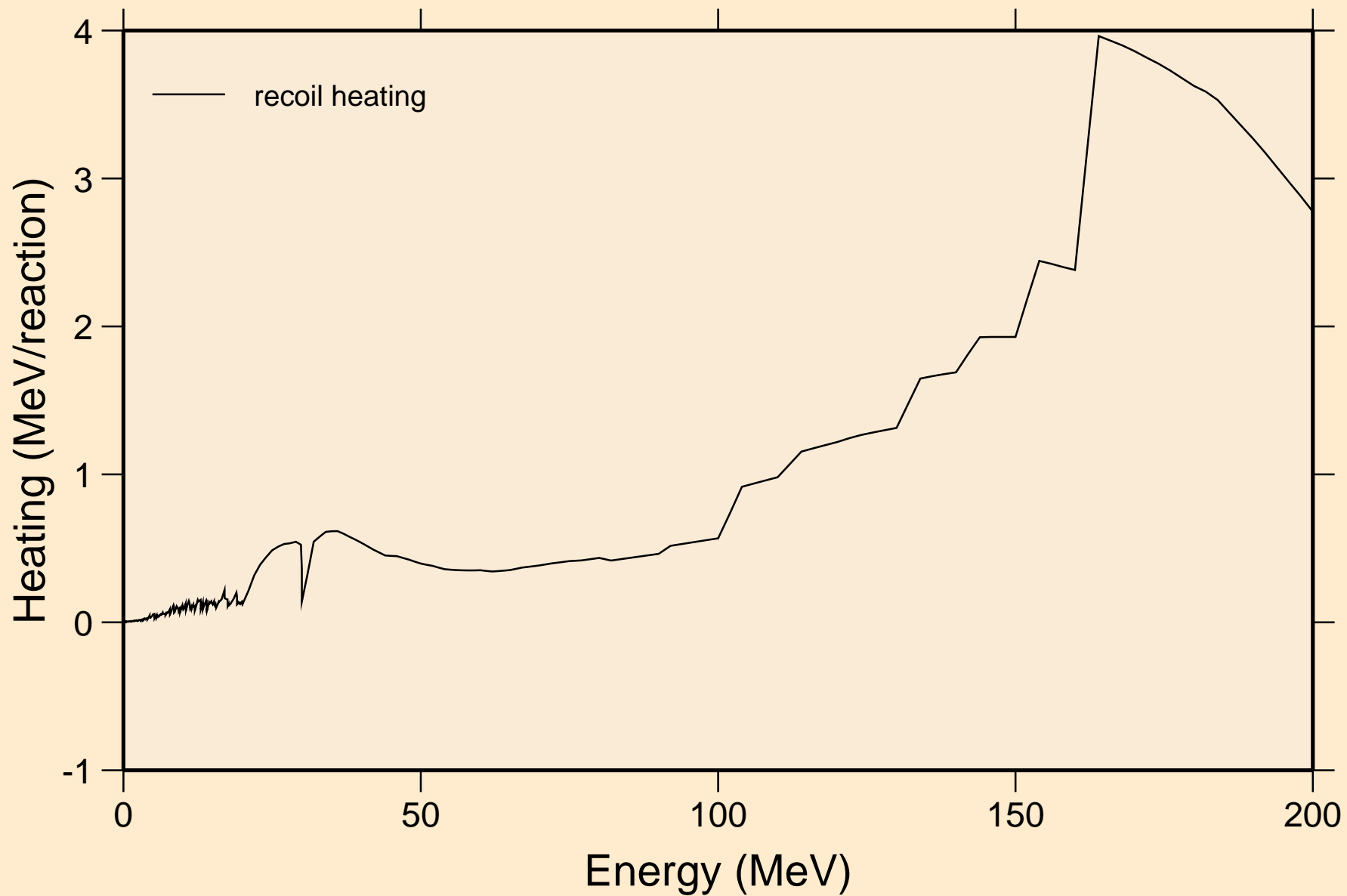


RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

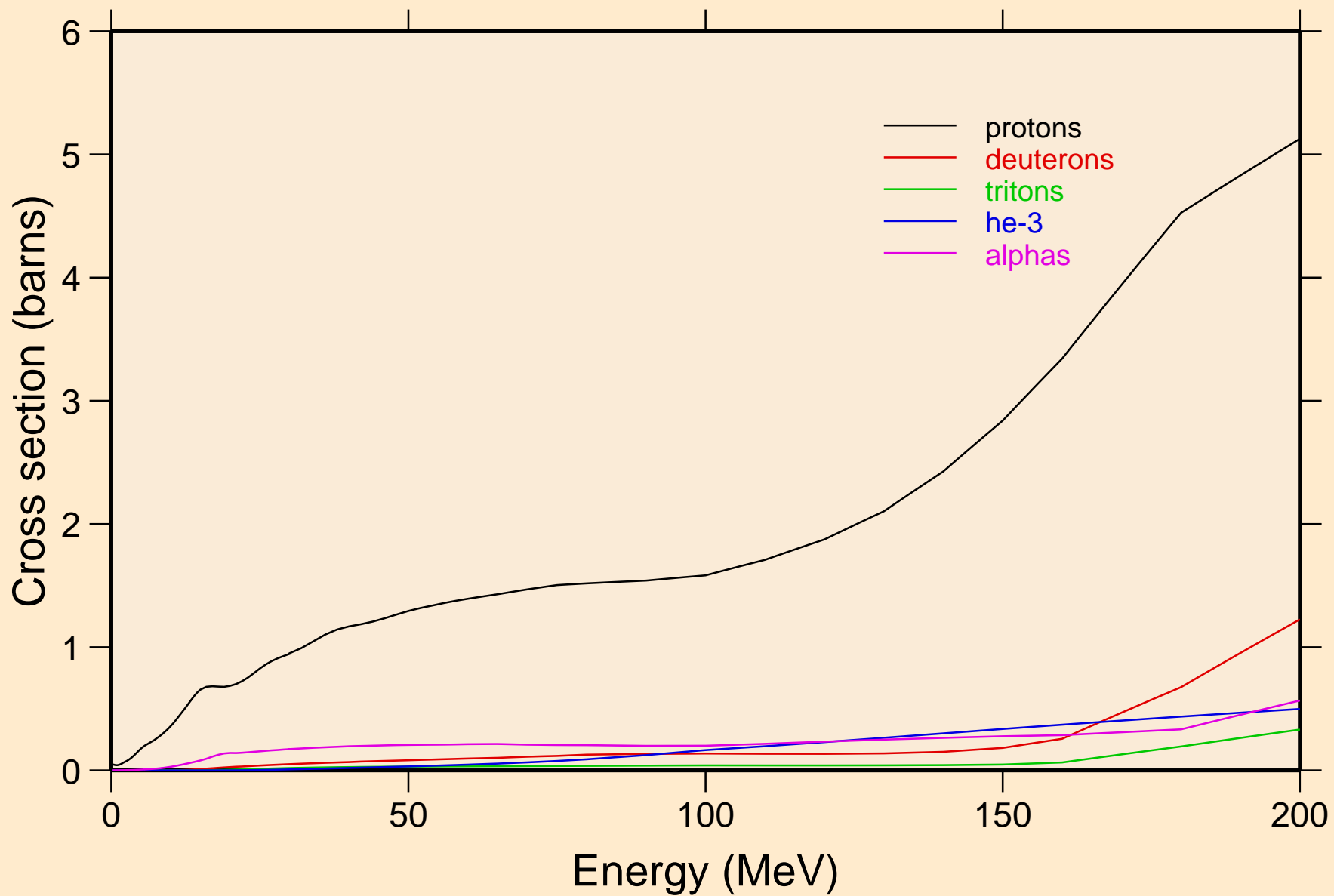
Particle heating contributions



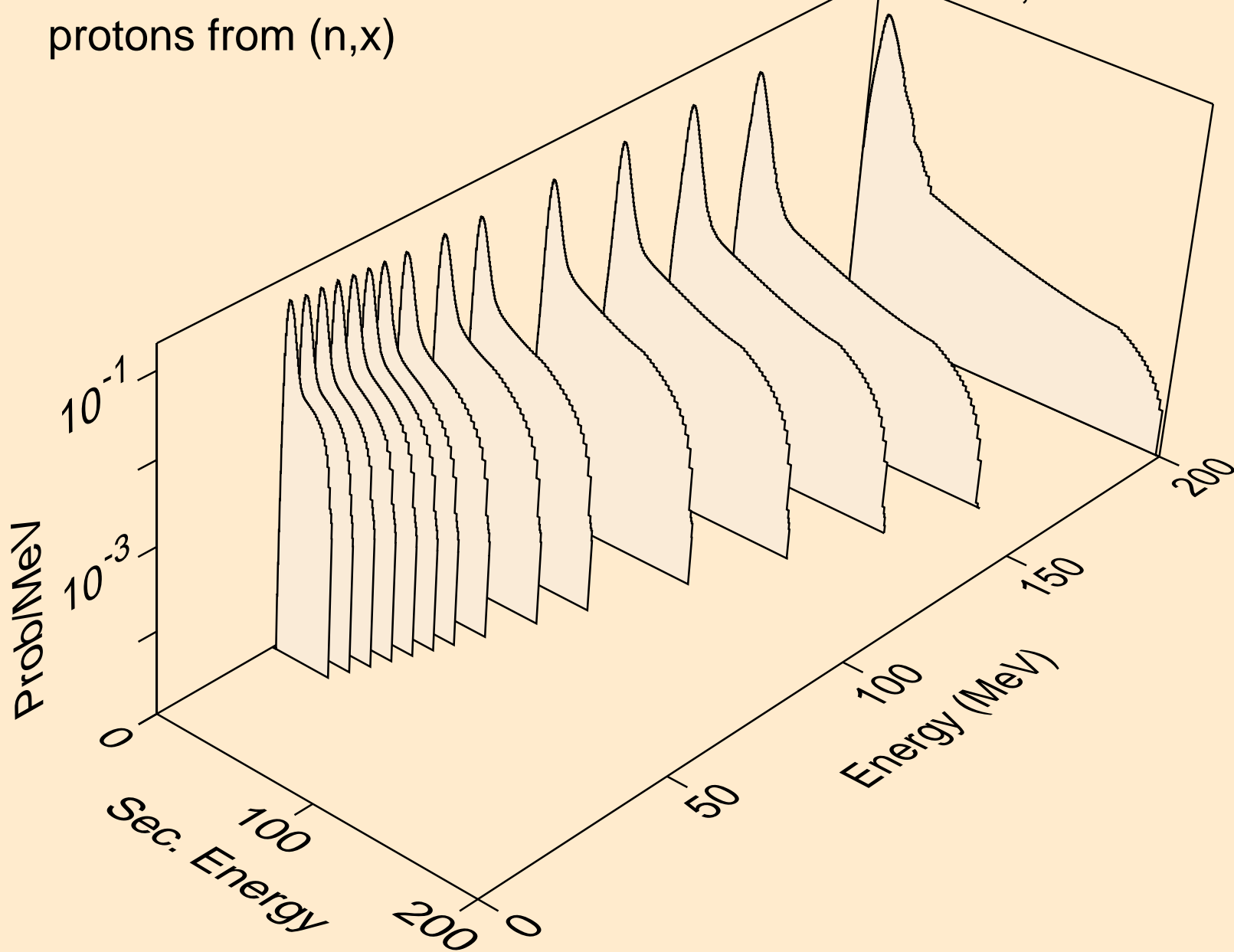
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



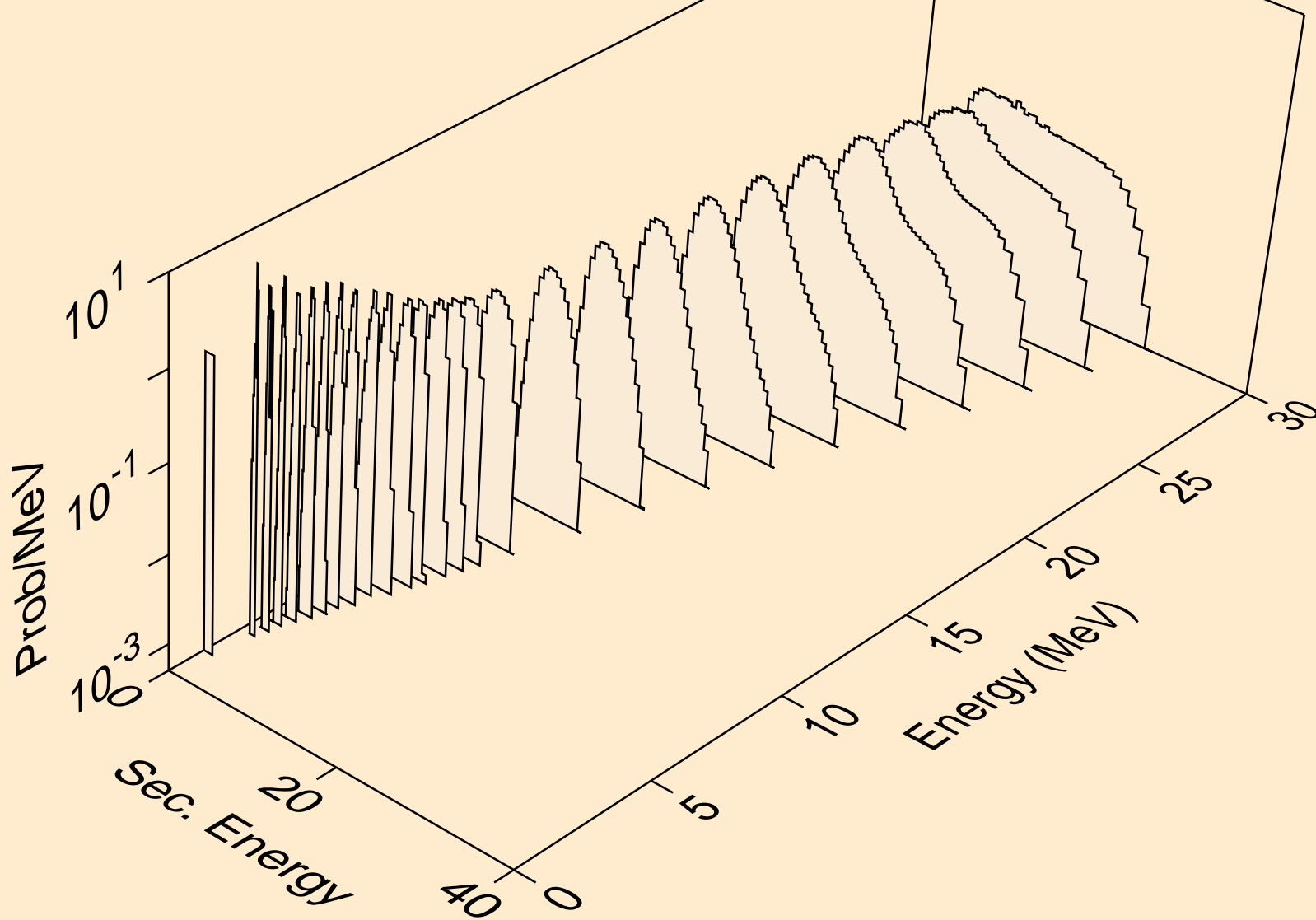
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



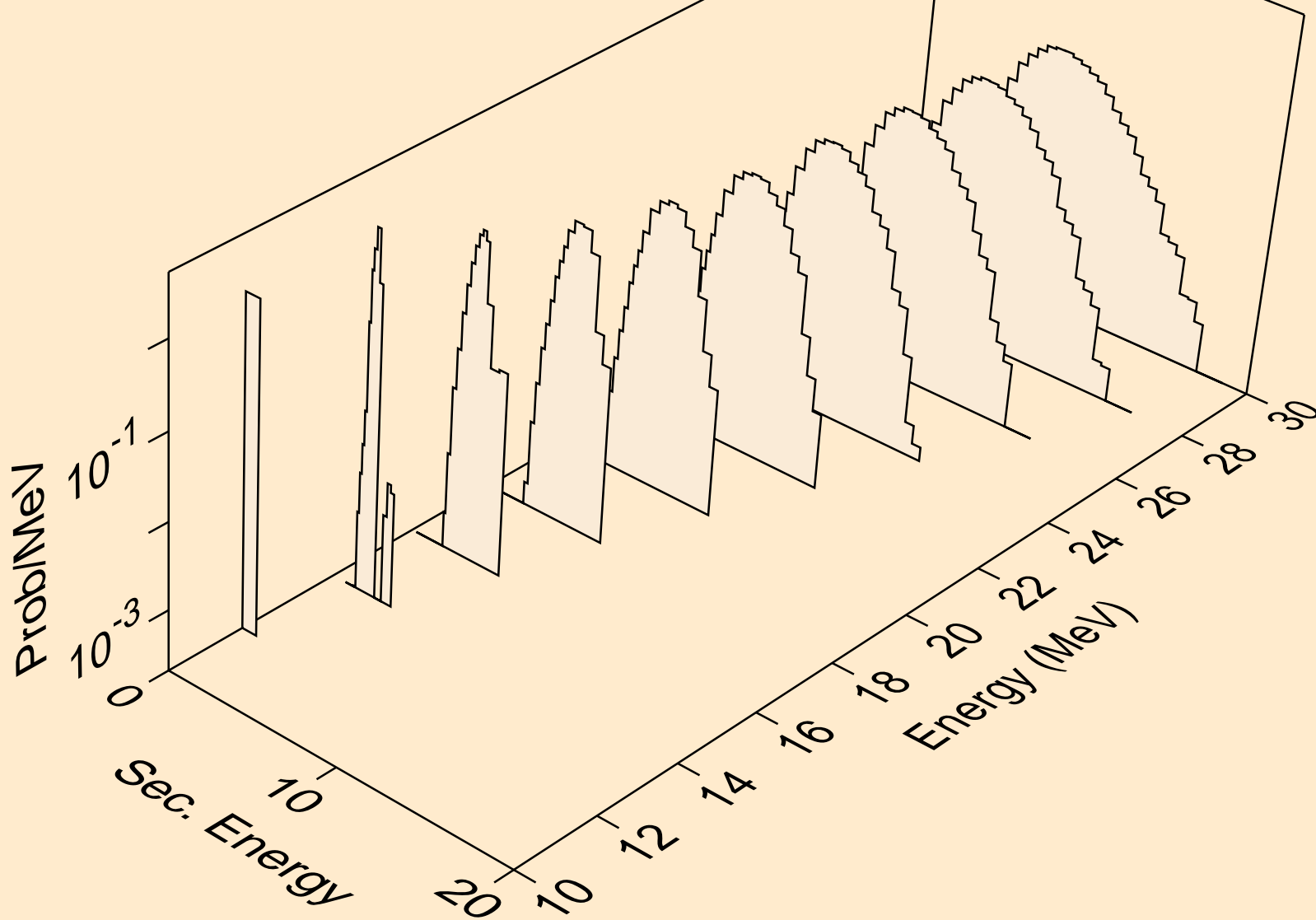
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



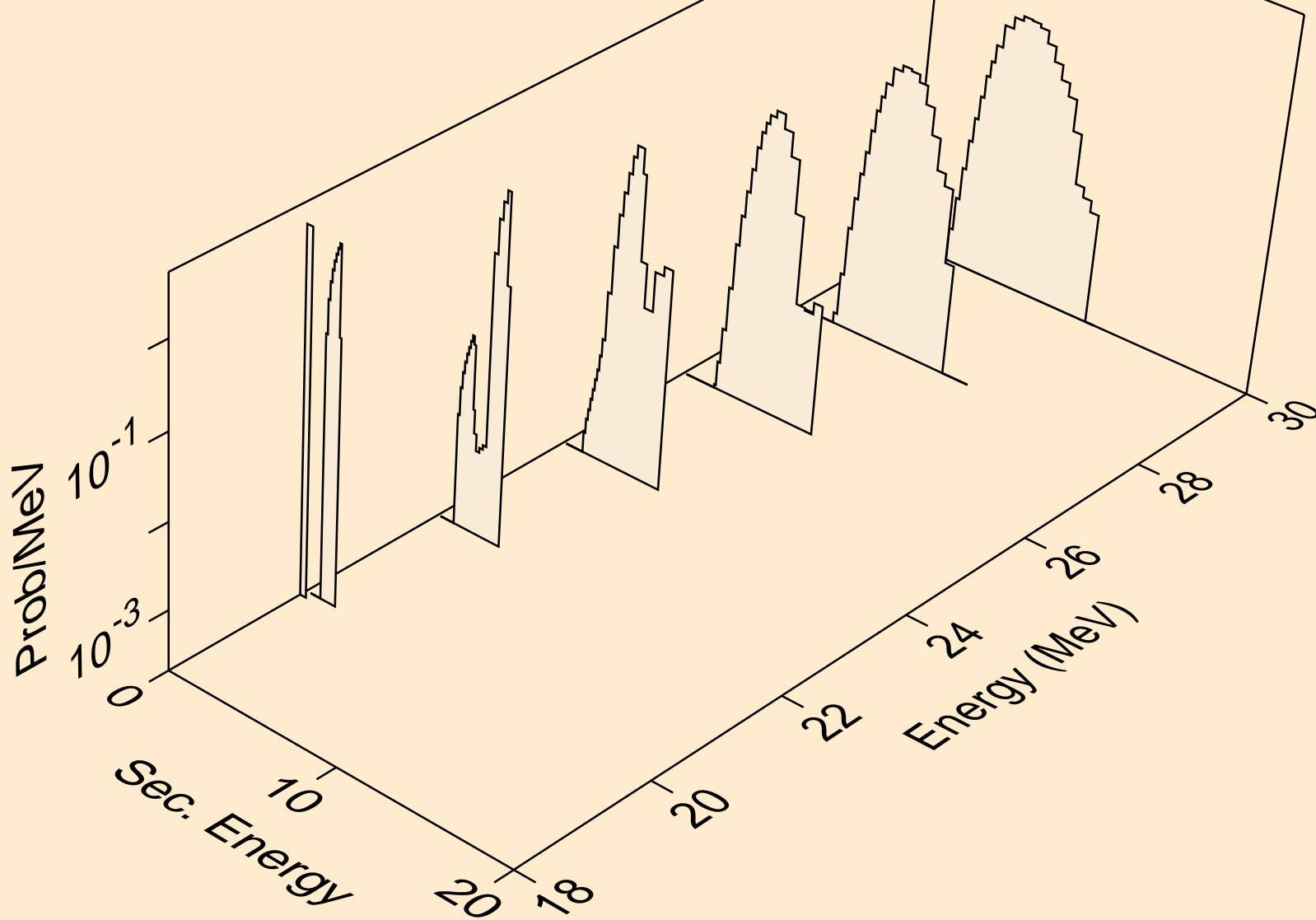
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



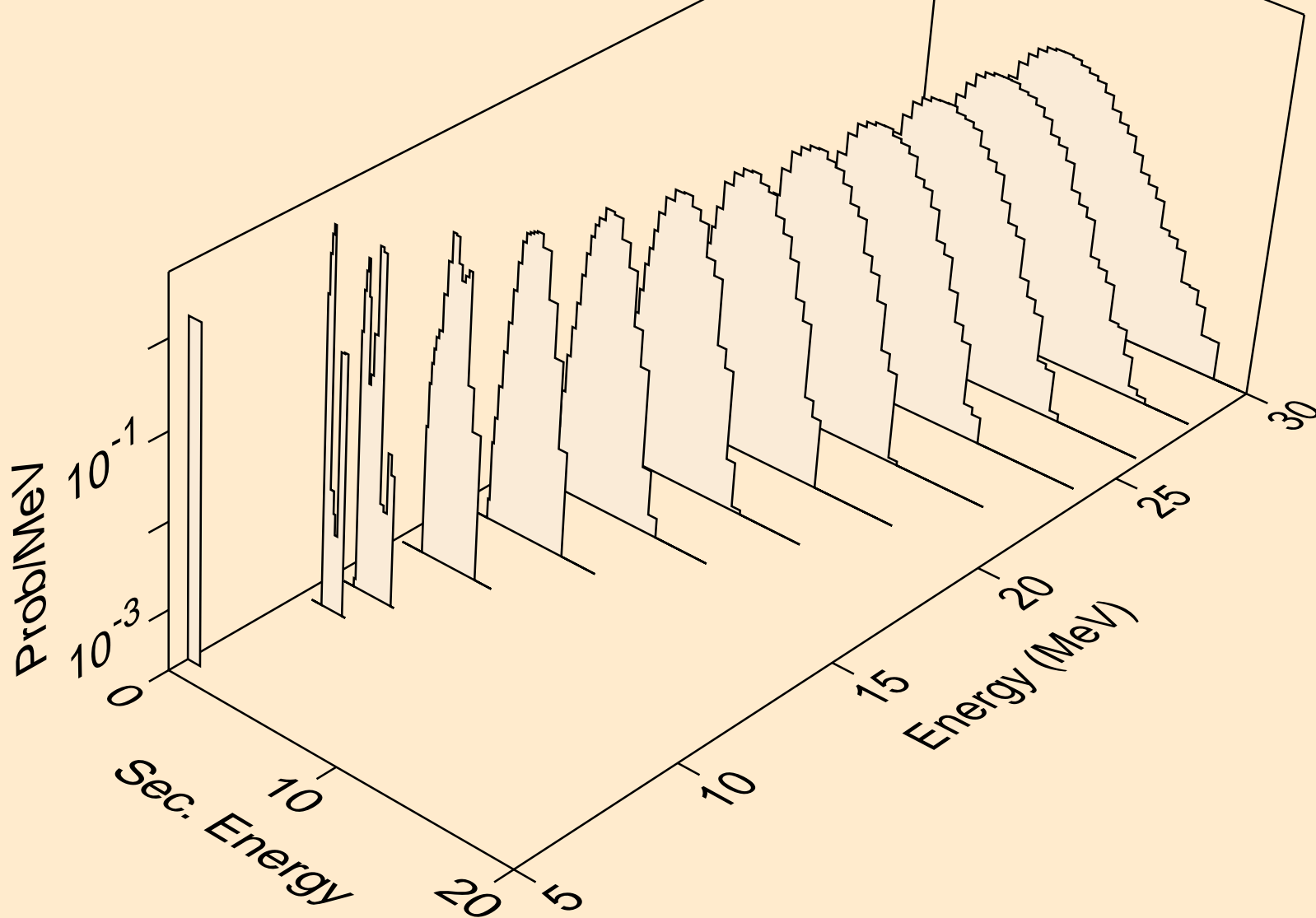
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



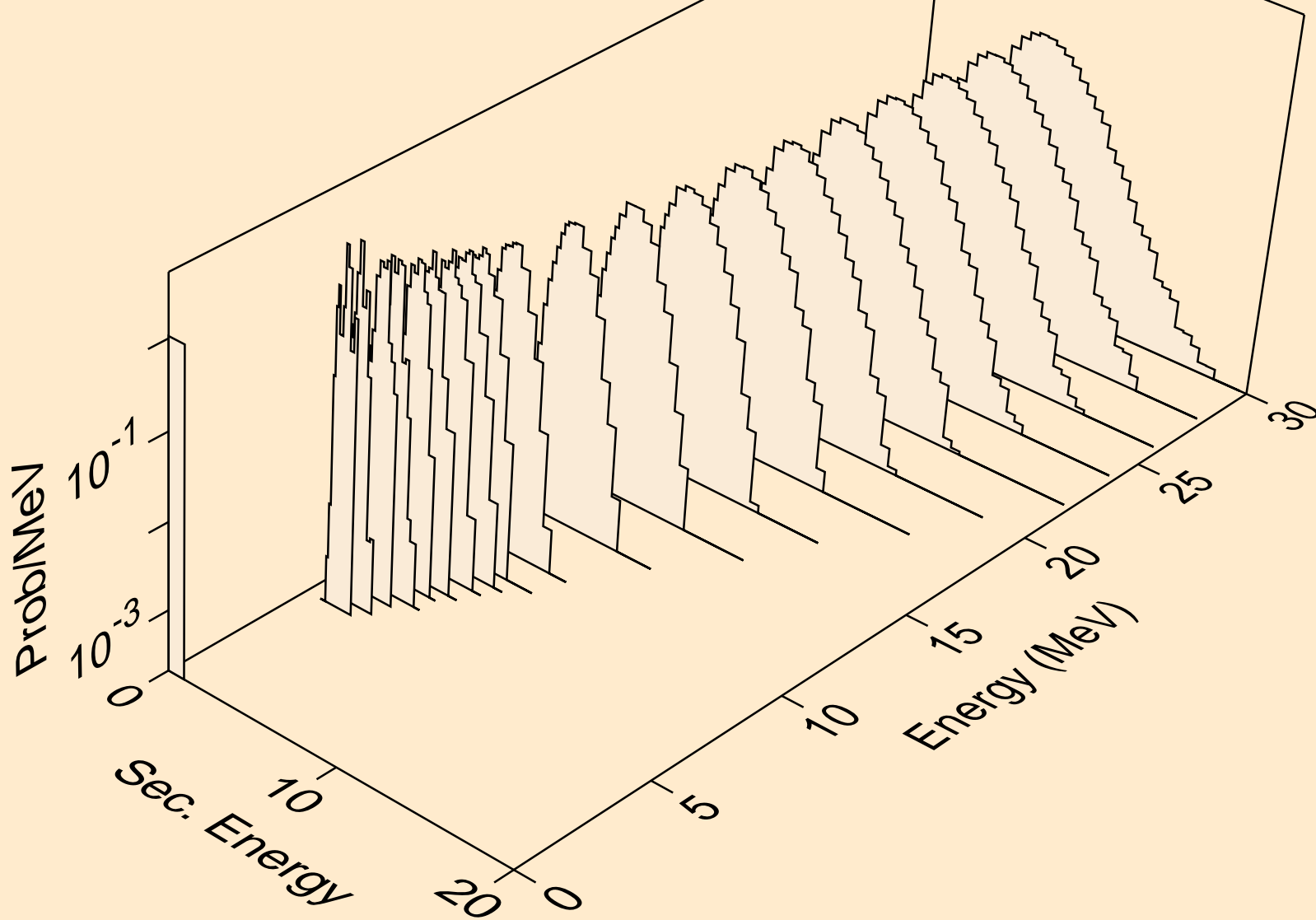
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



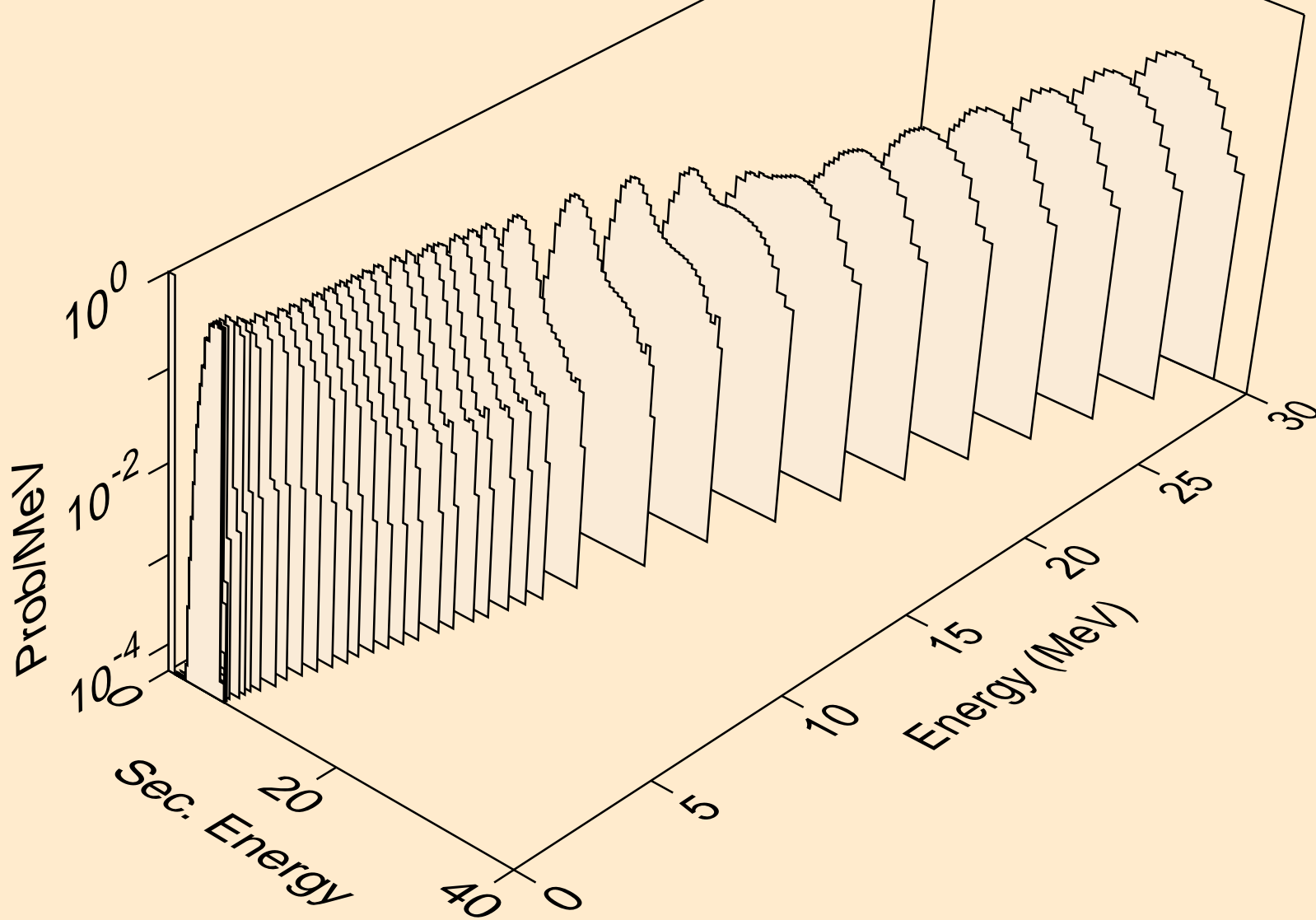
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



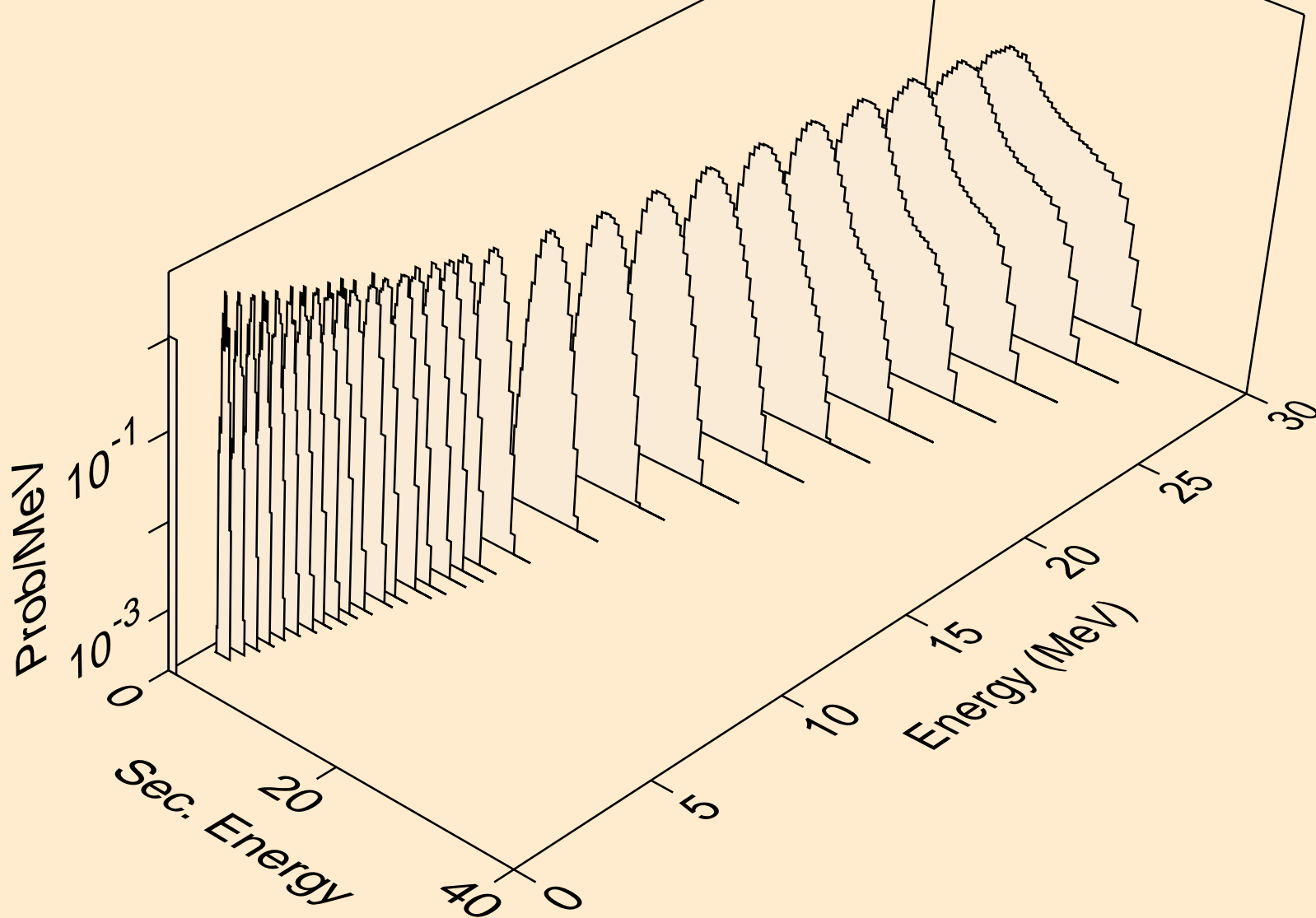
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



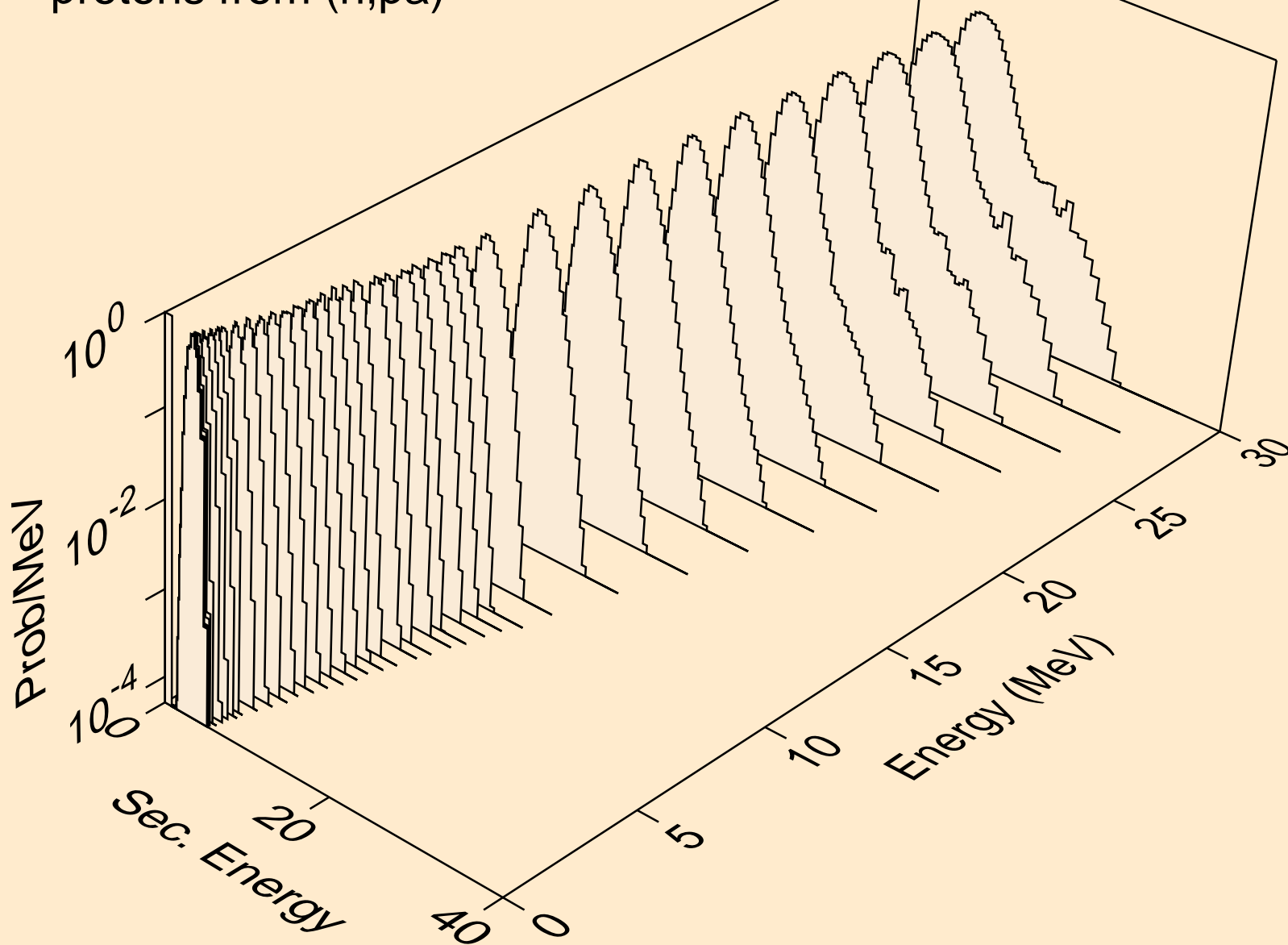
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



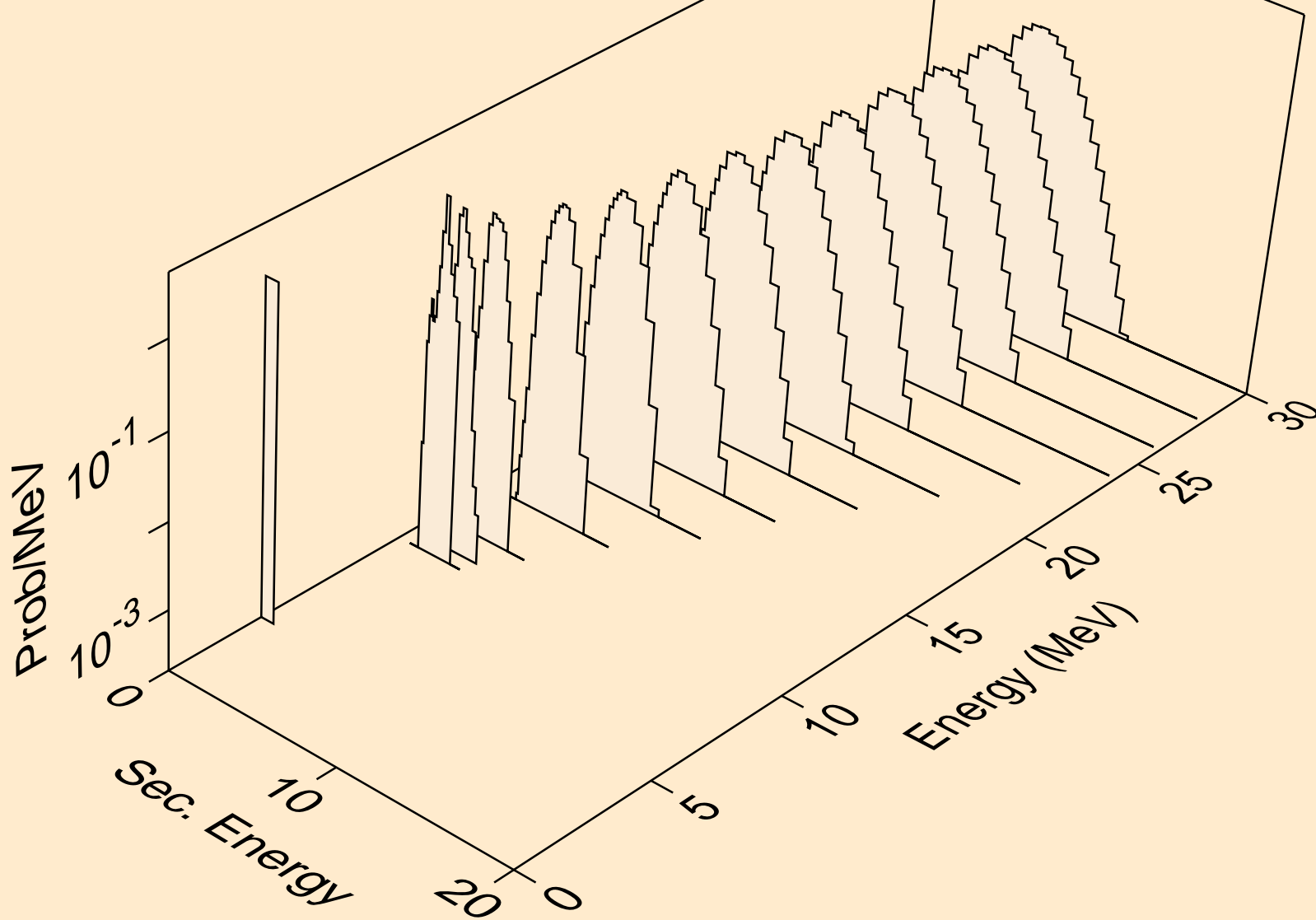
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



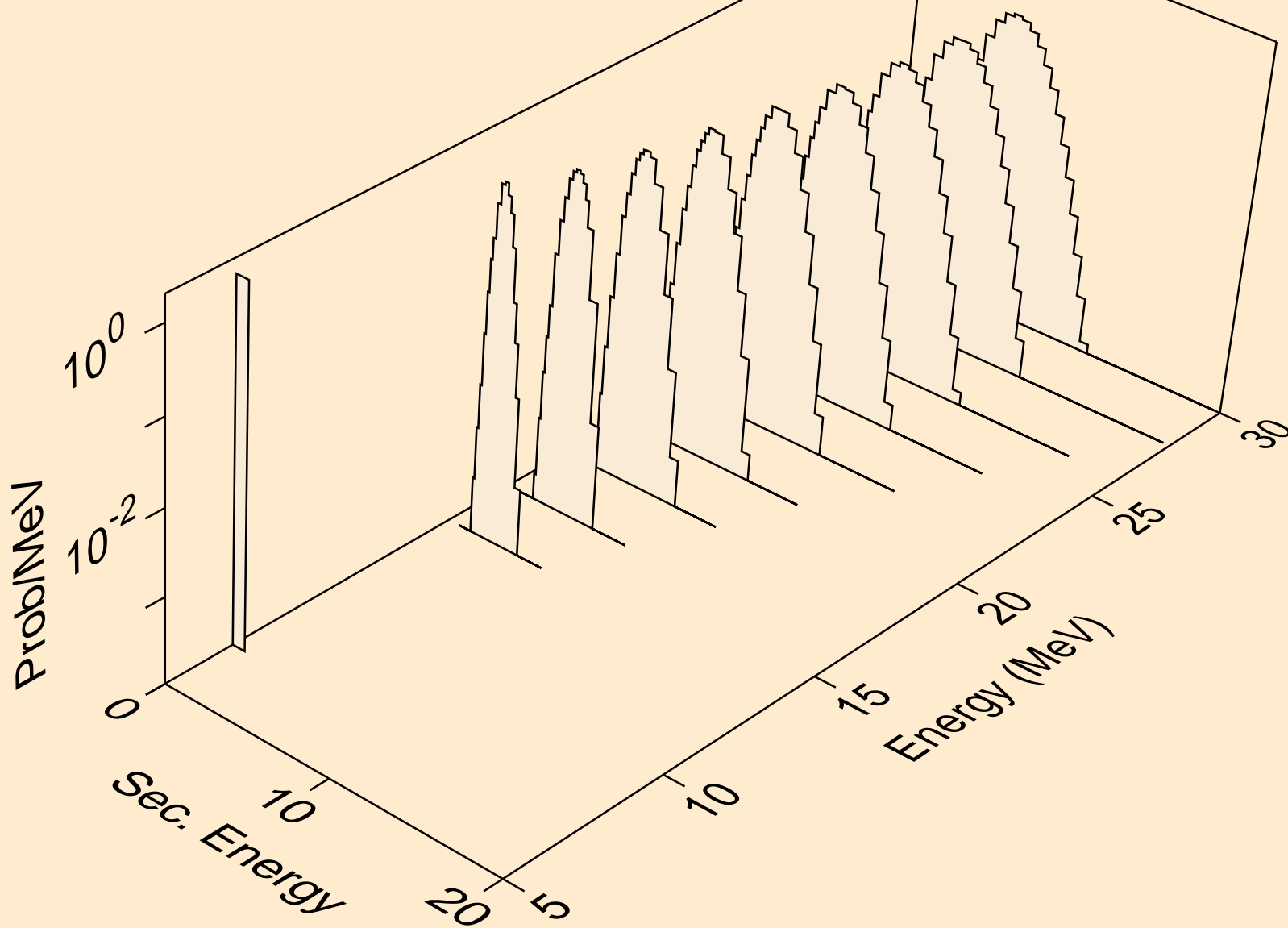
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



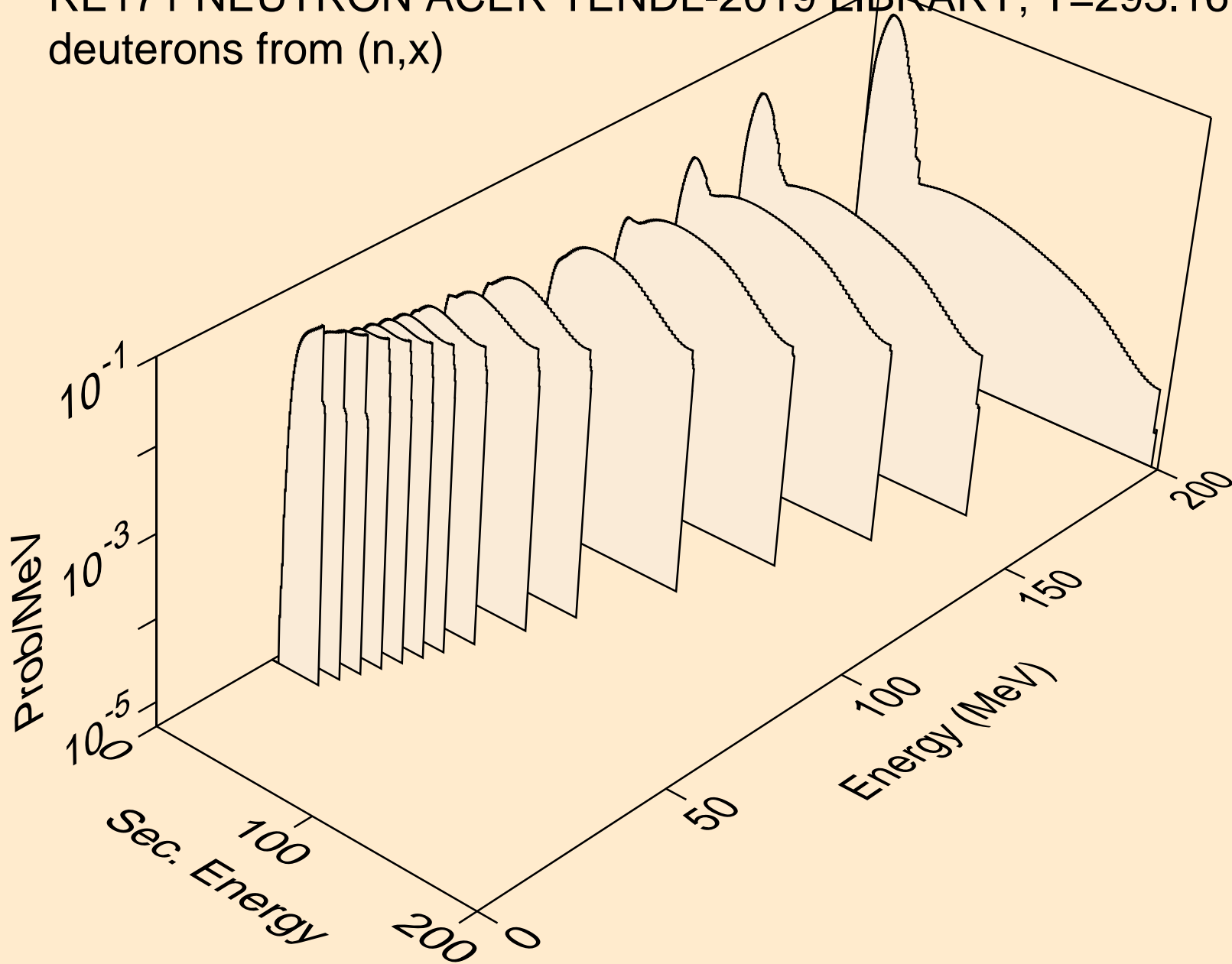
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



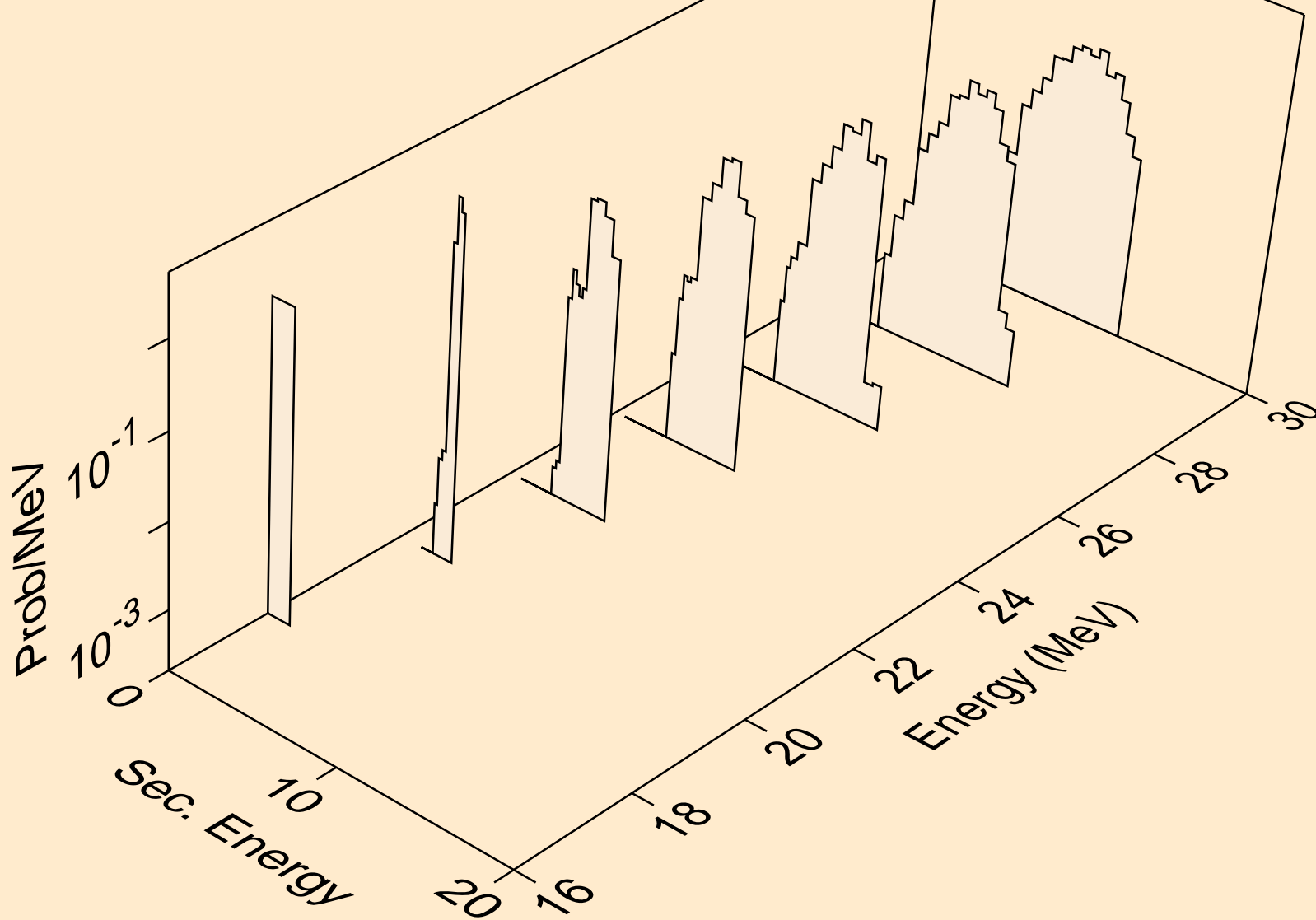
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



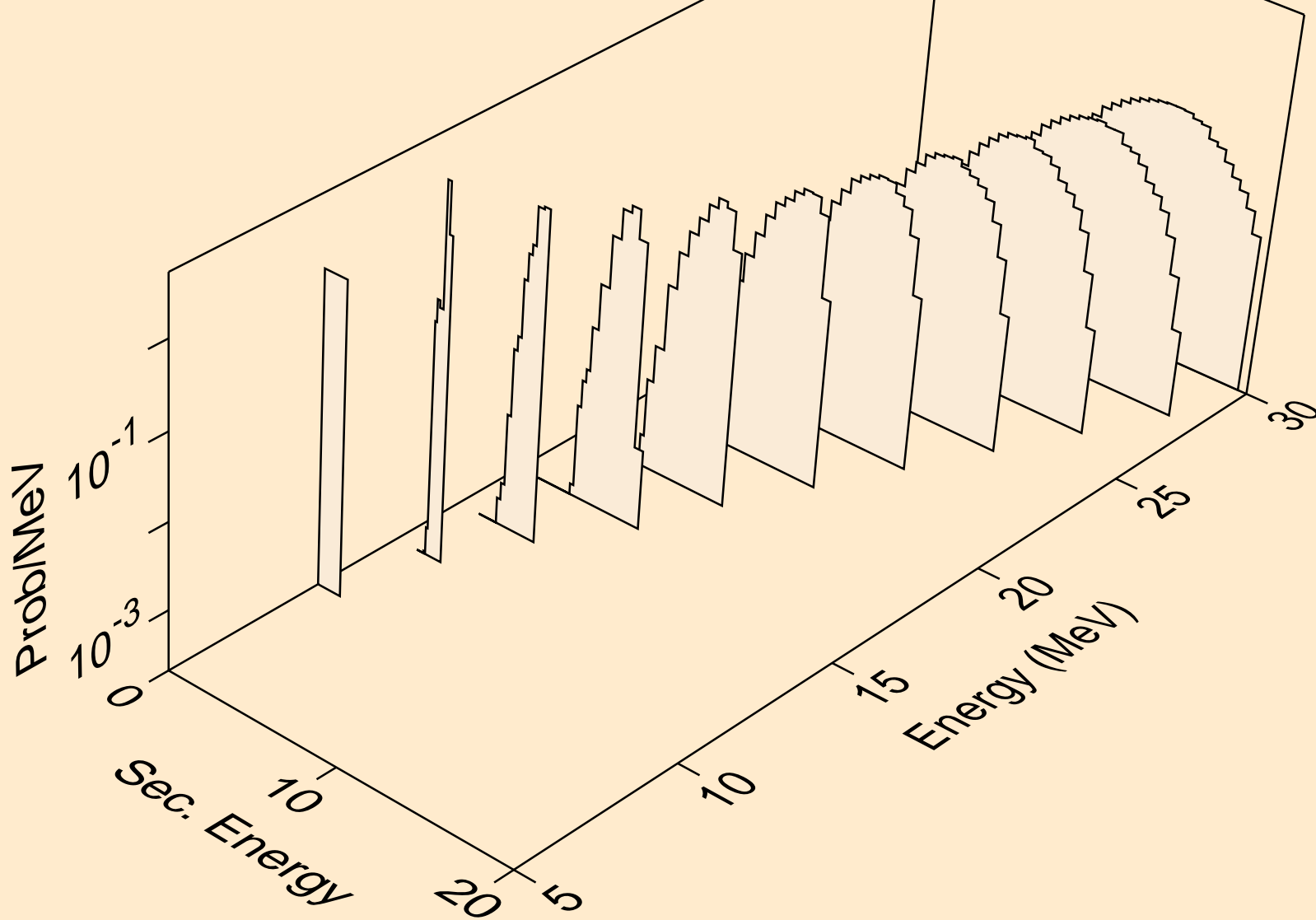
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



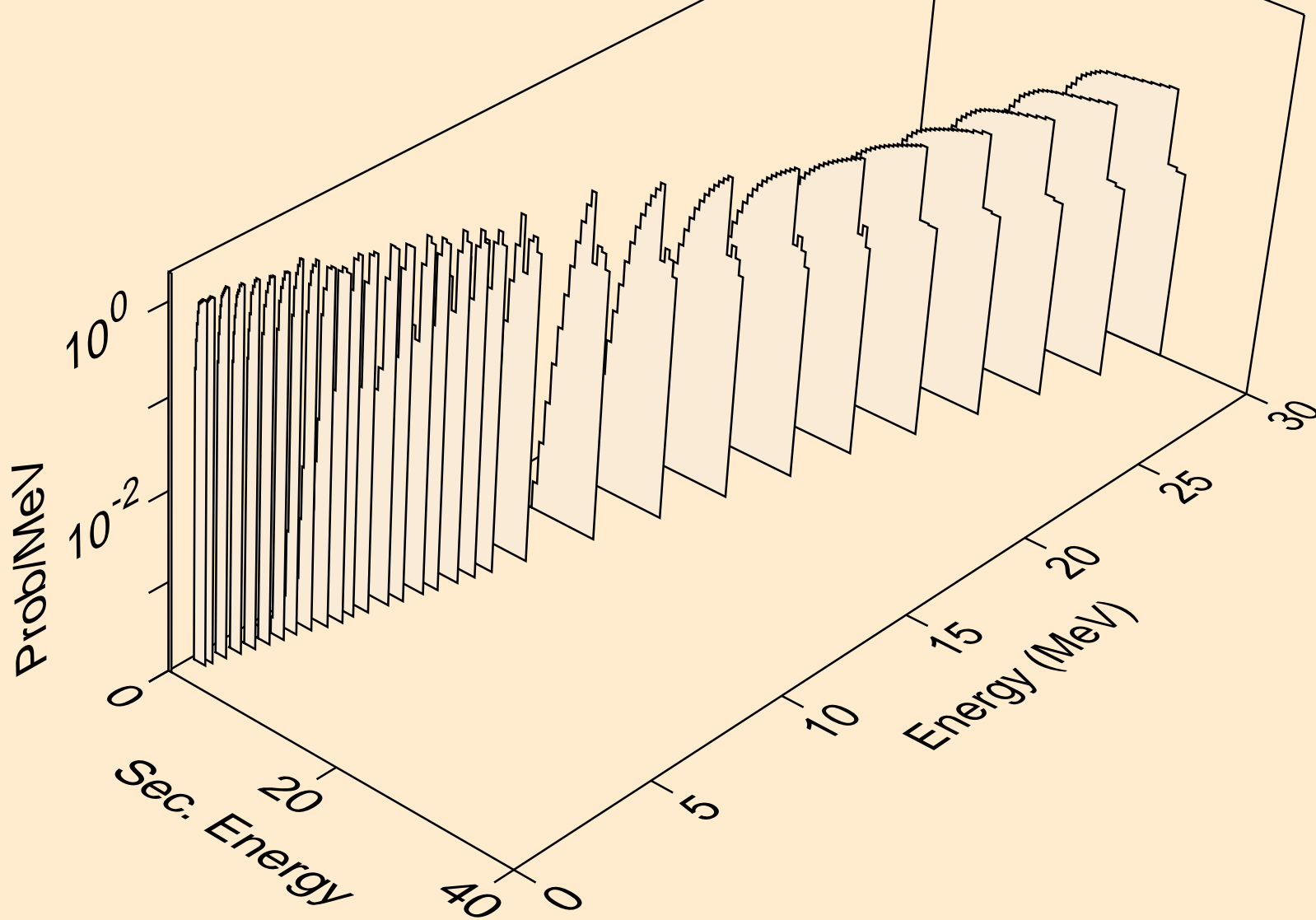
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



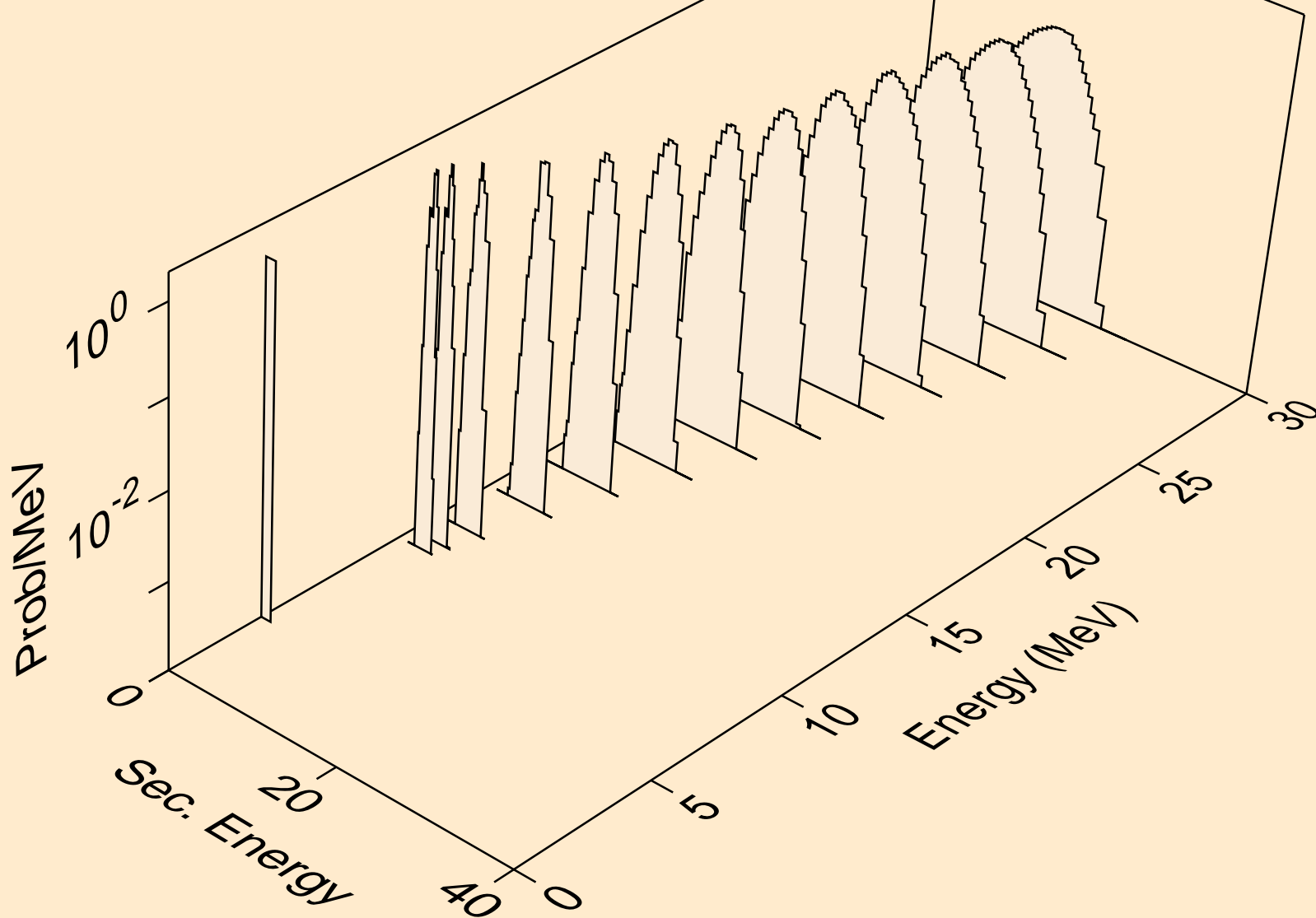
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



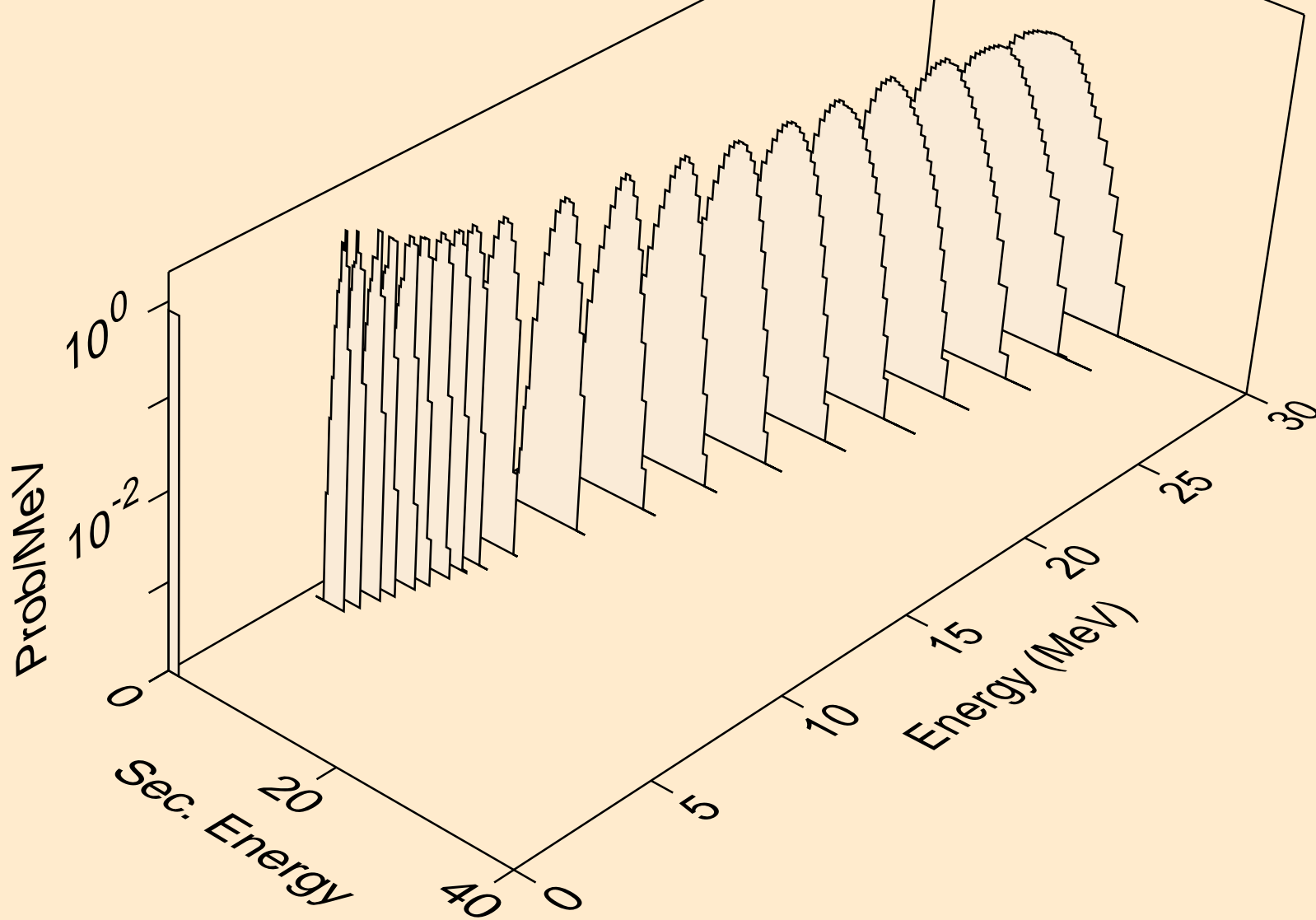
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deuterons from (n,d)



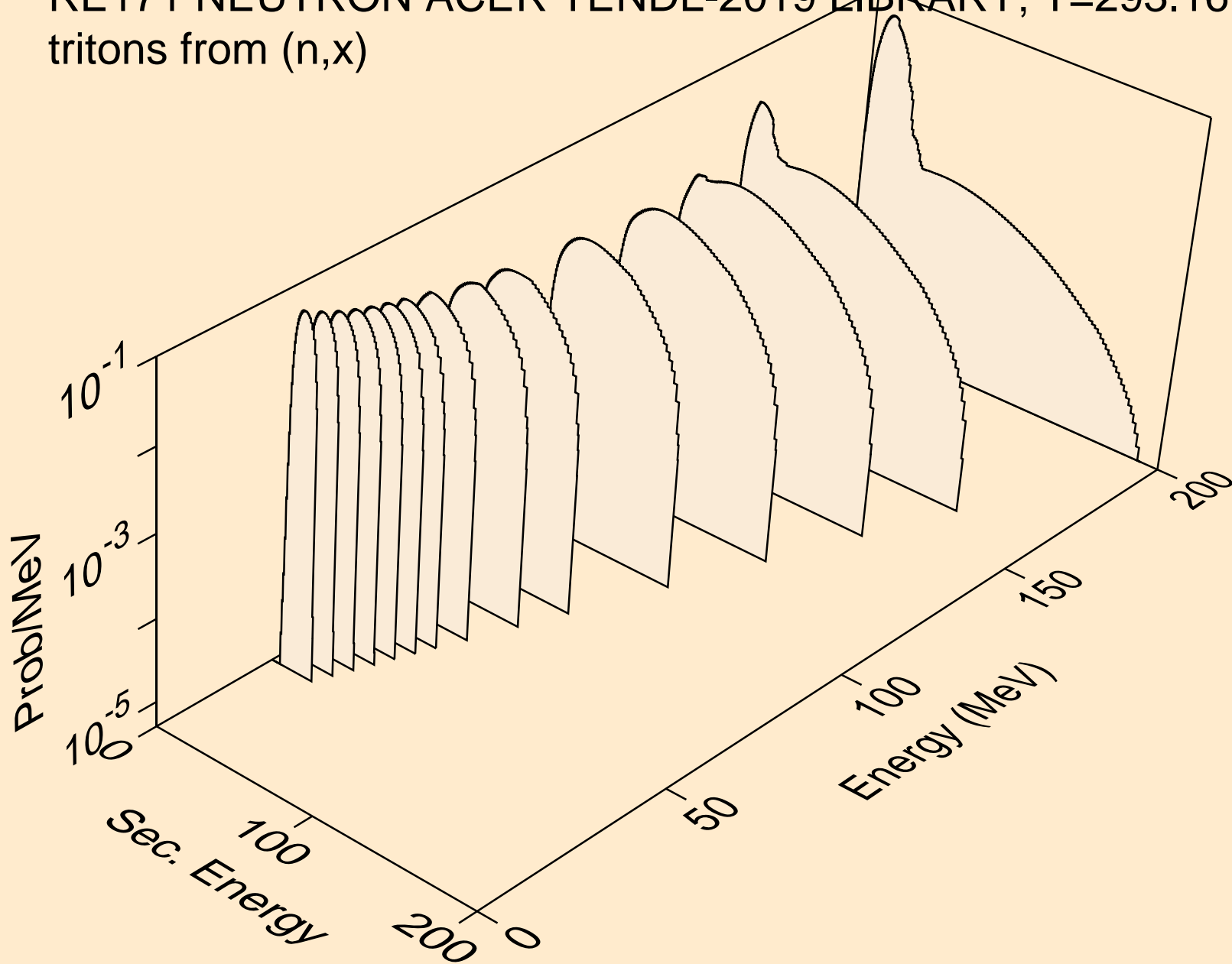
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



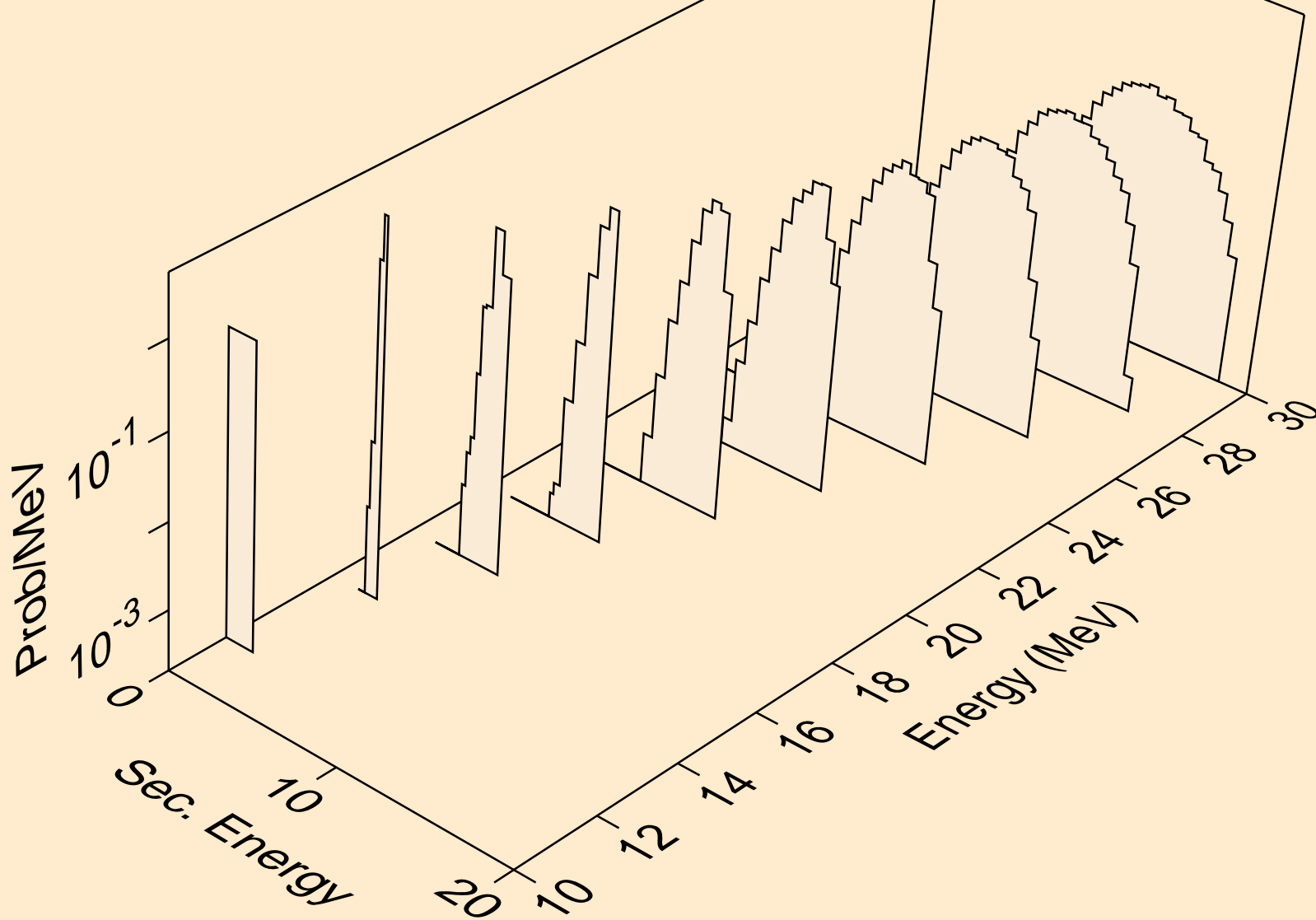
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



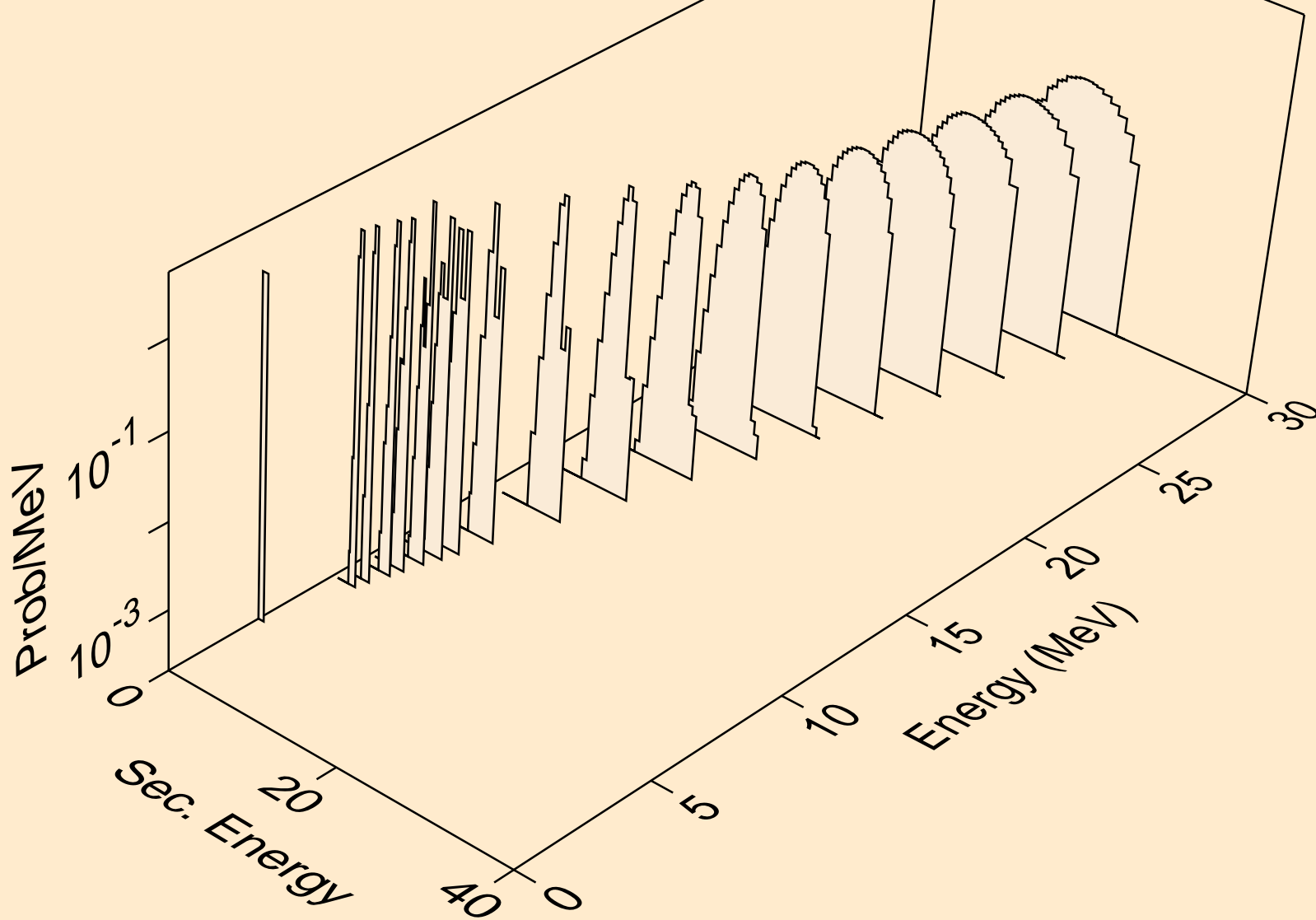
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



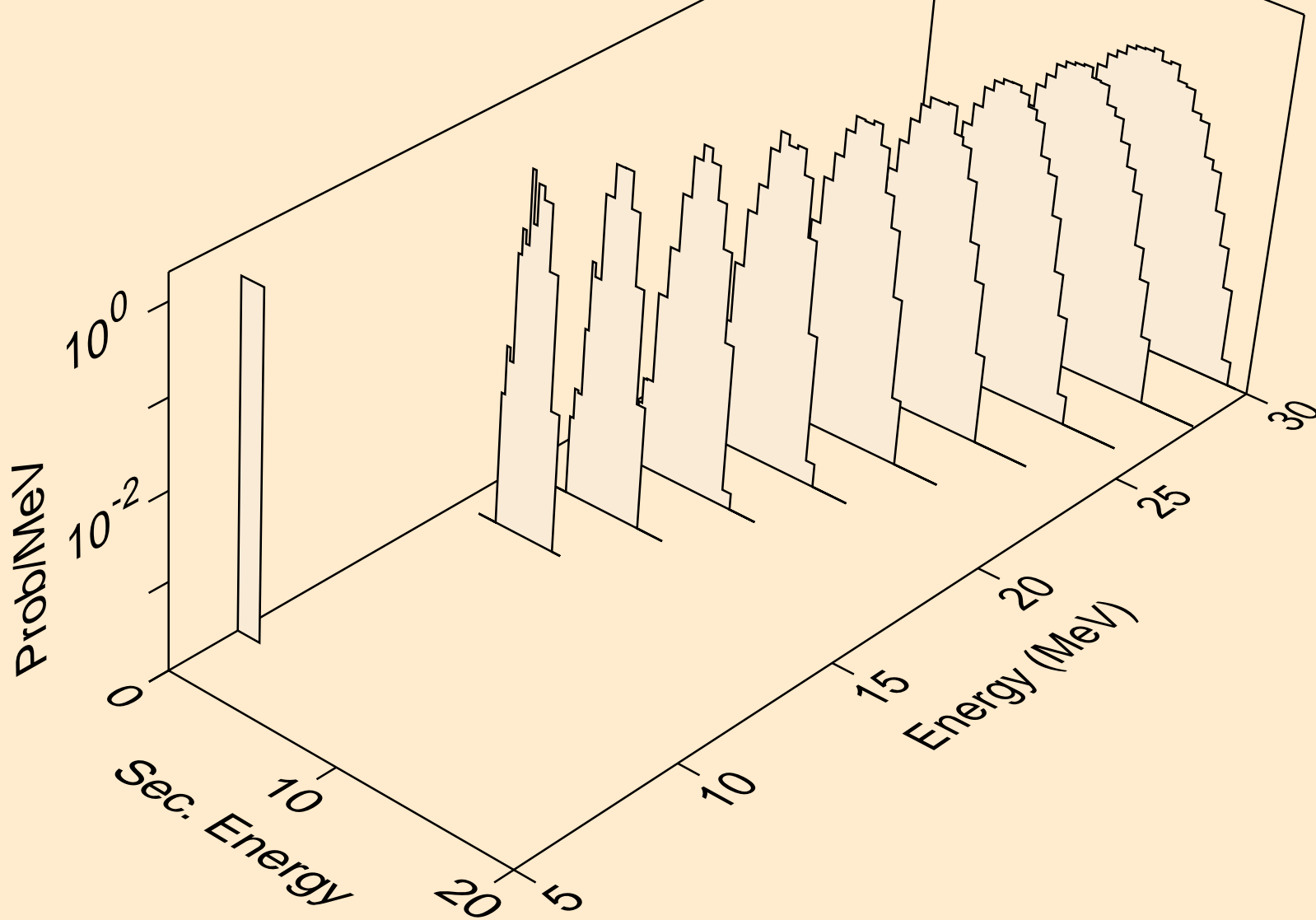
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



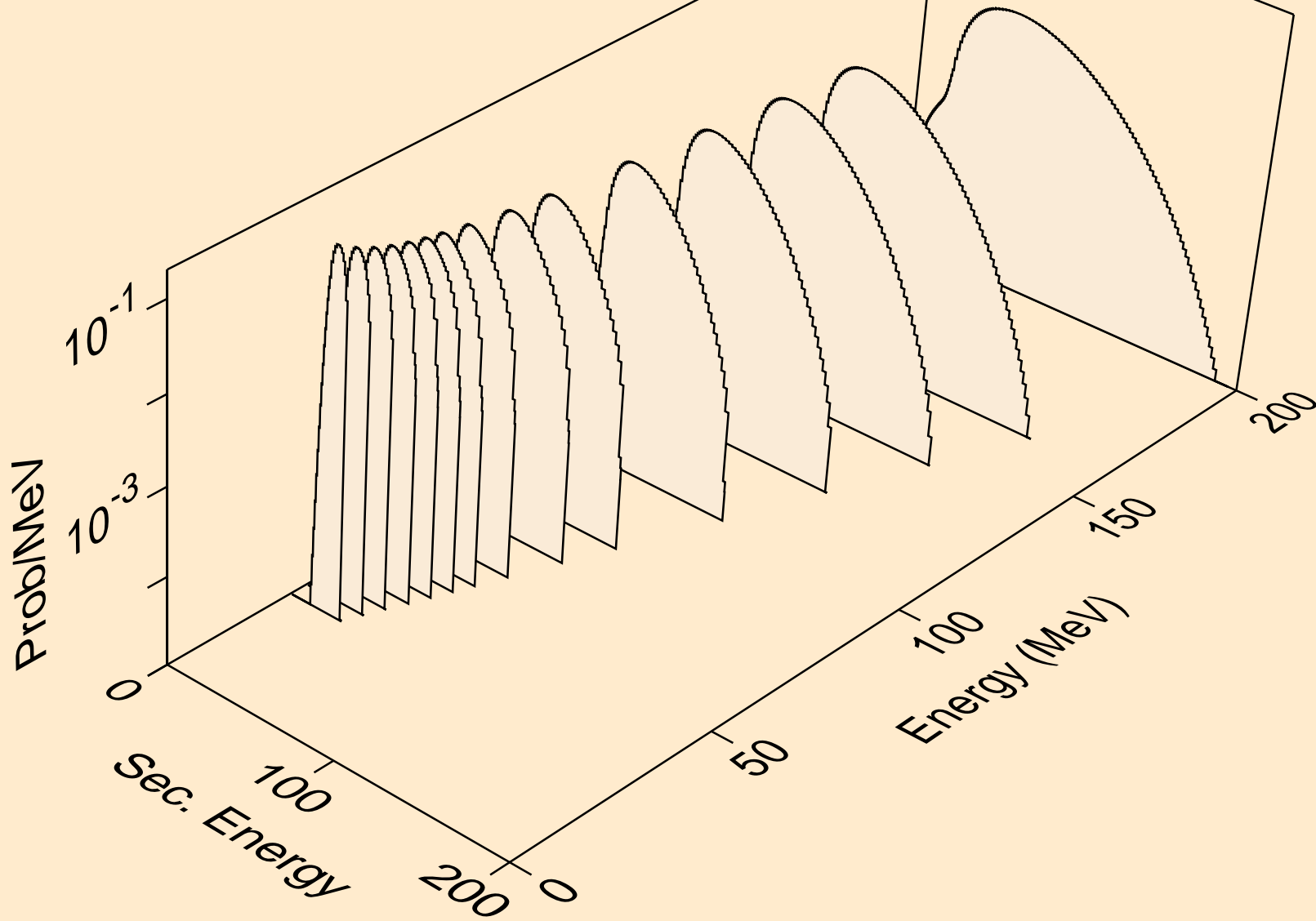
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



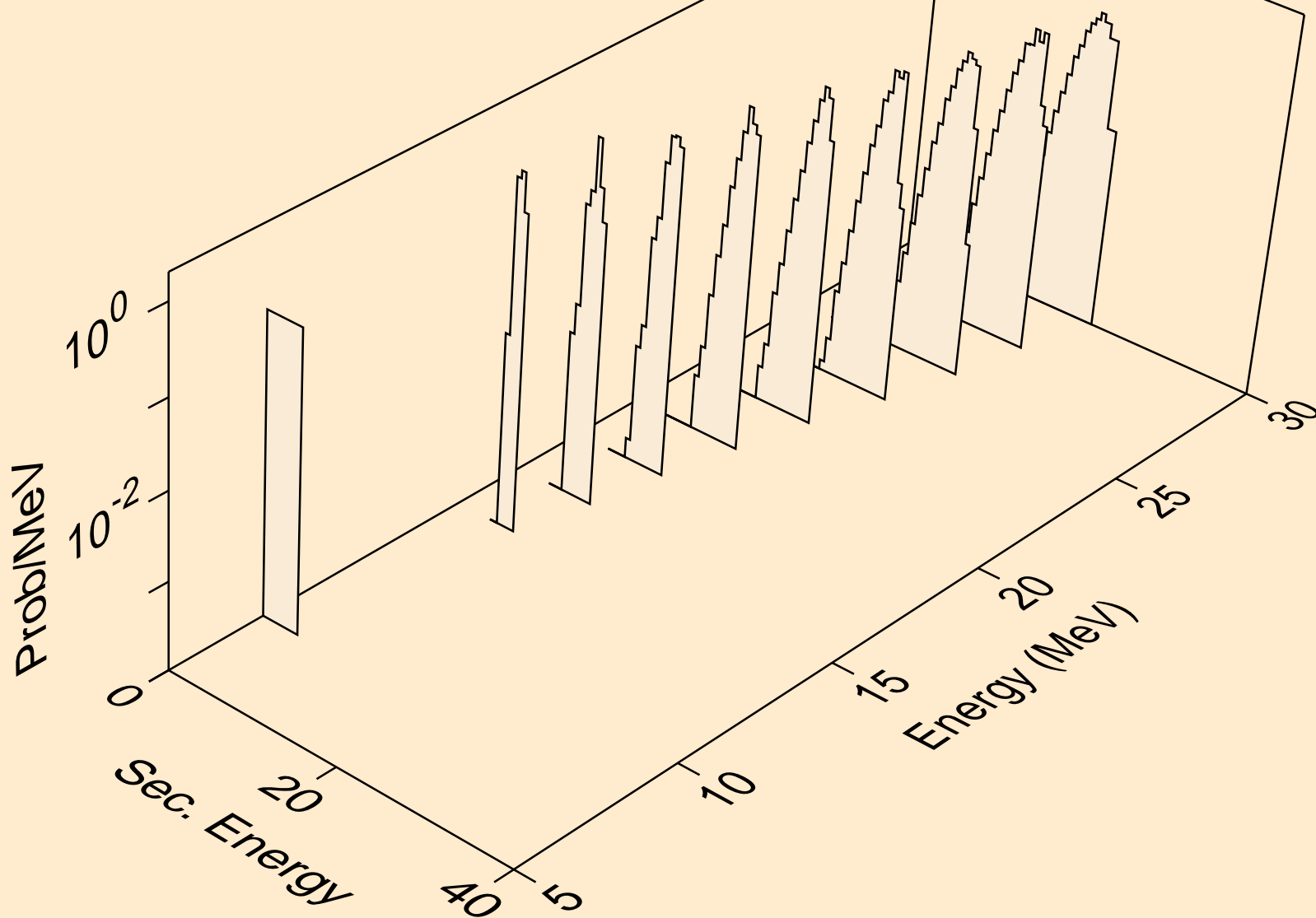
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



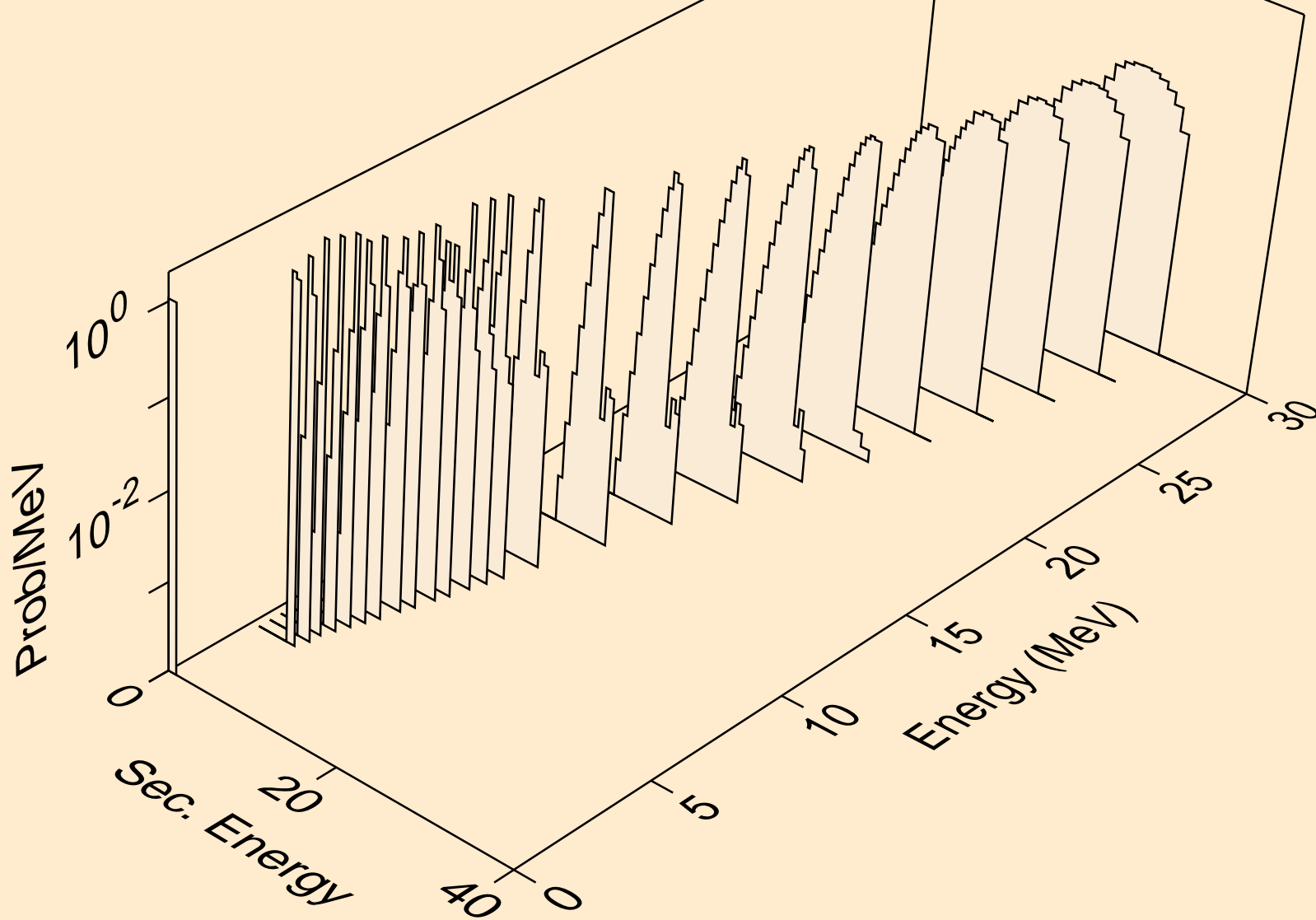
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



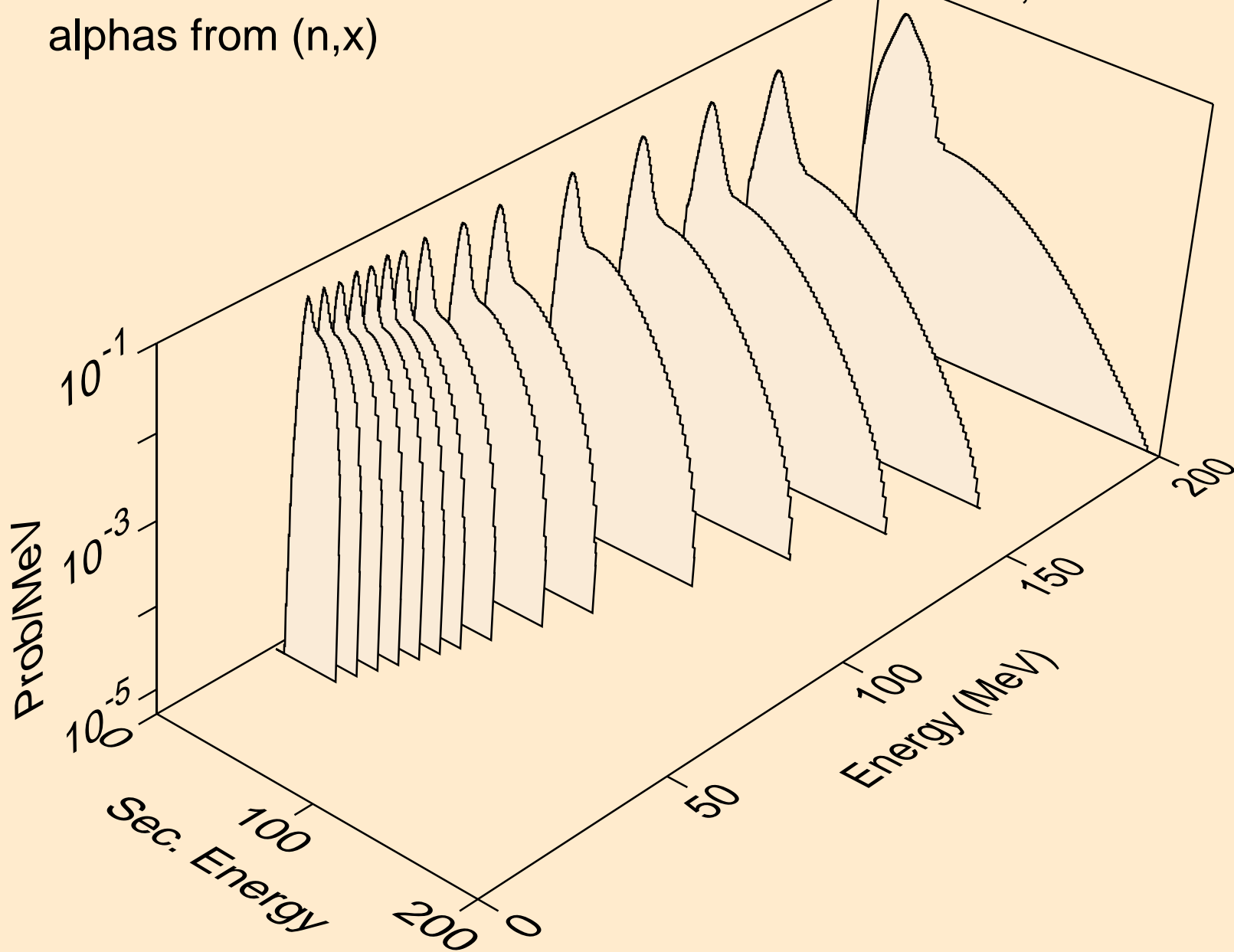
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



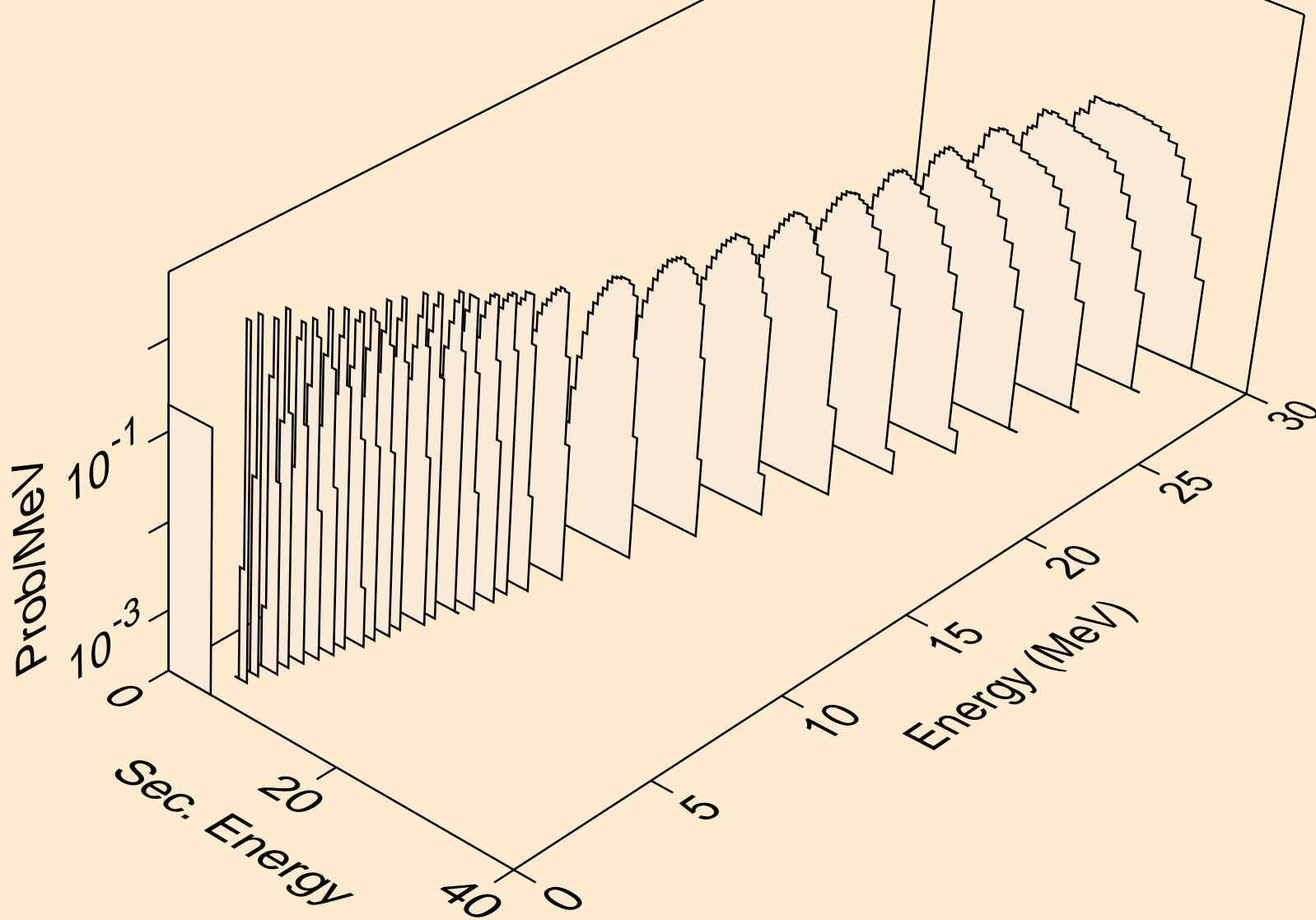
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



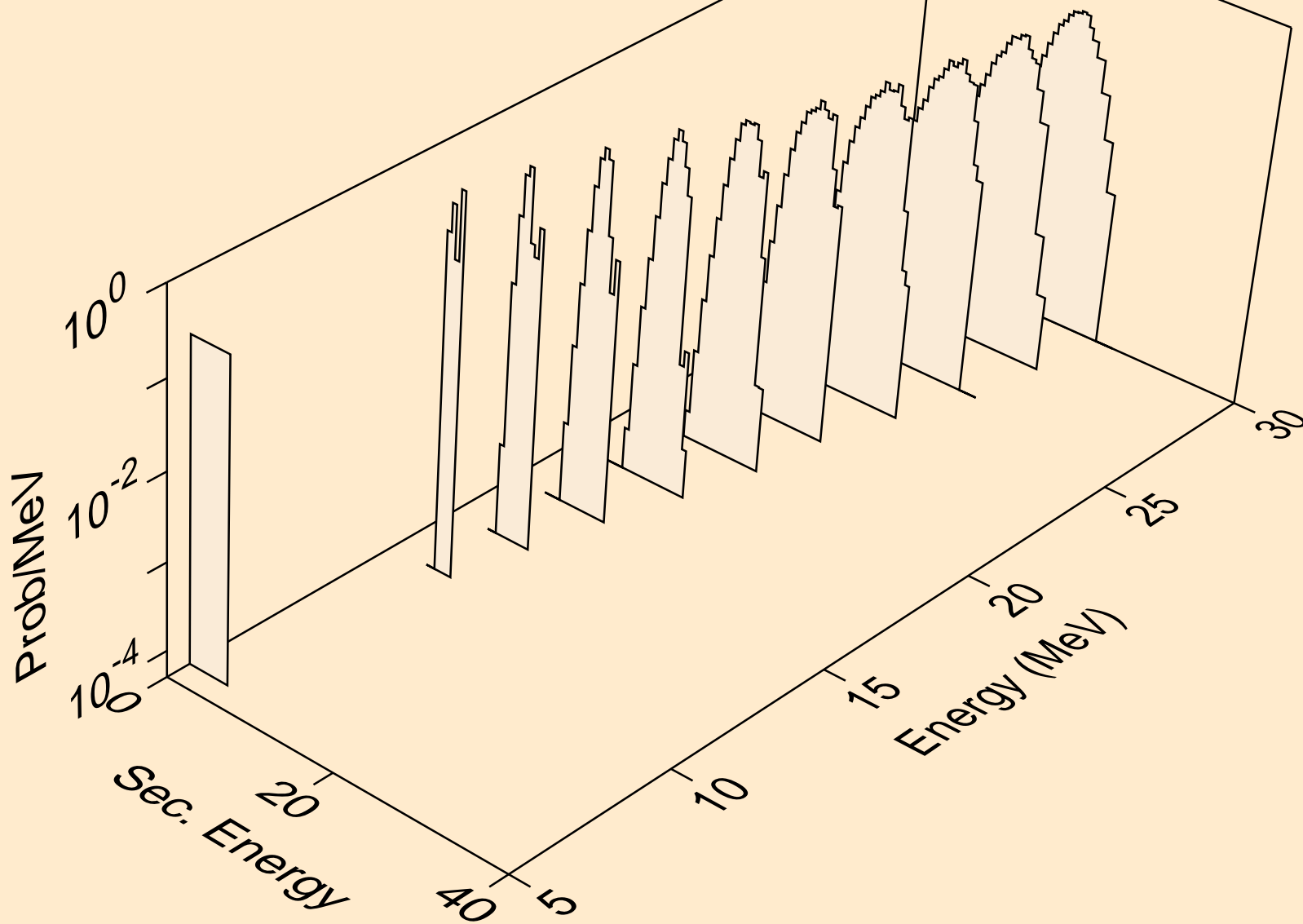
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



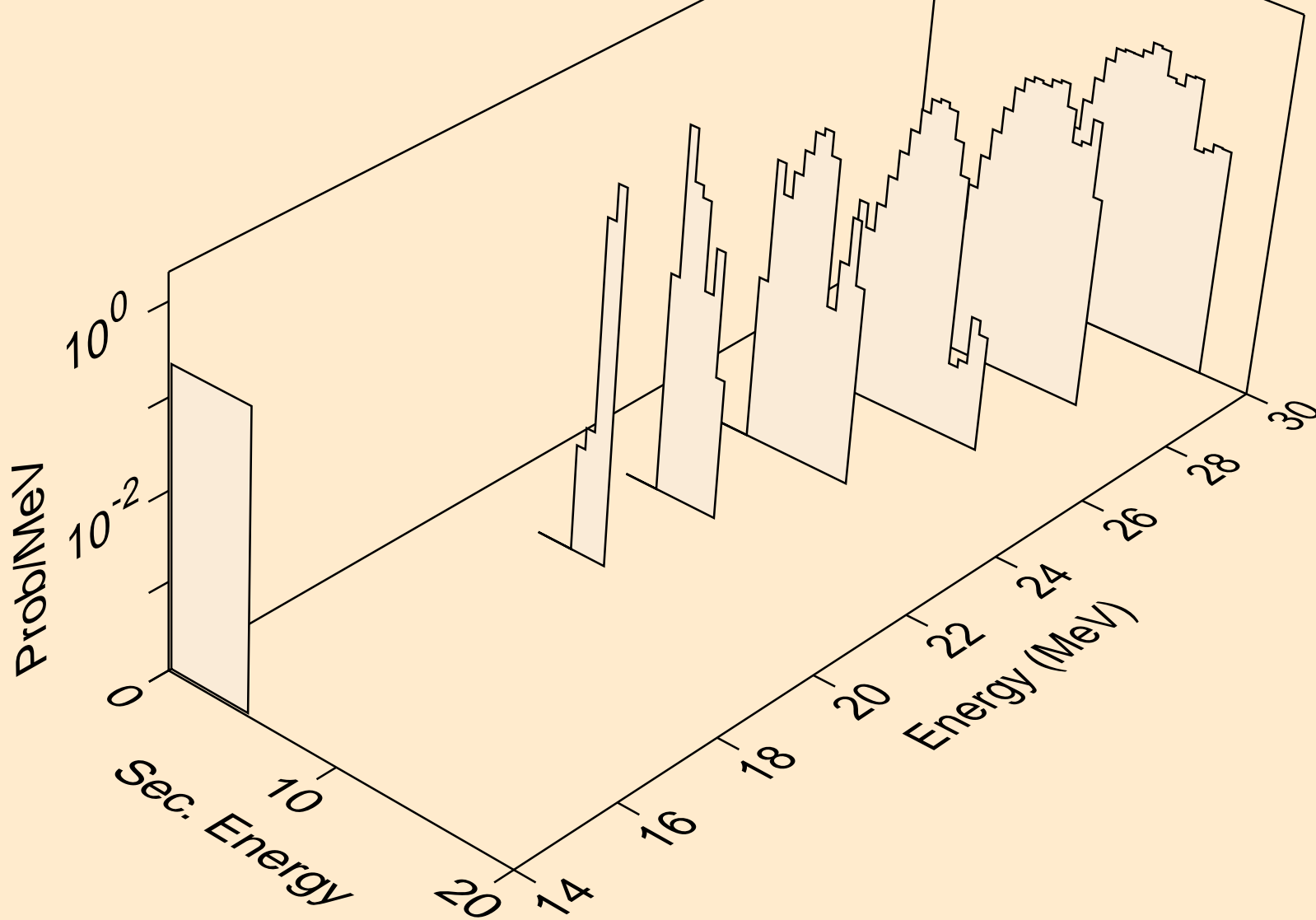
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



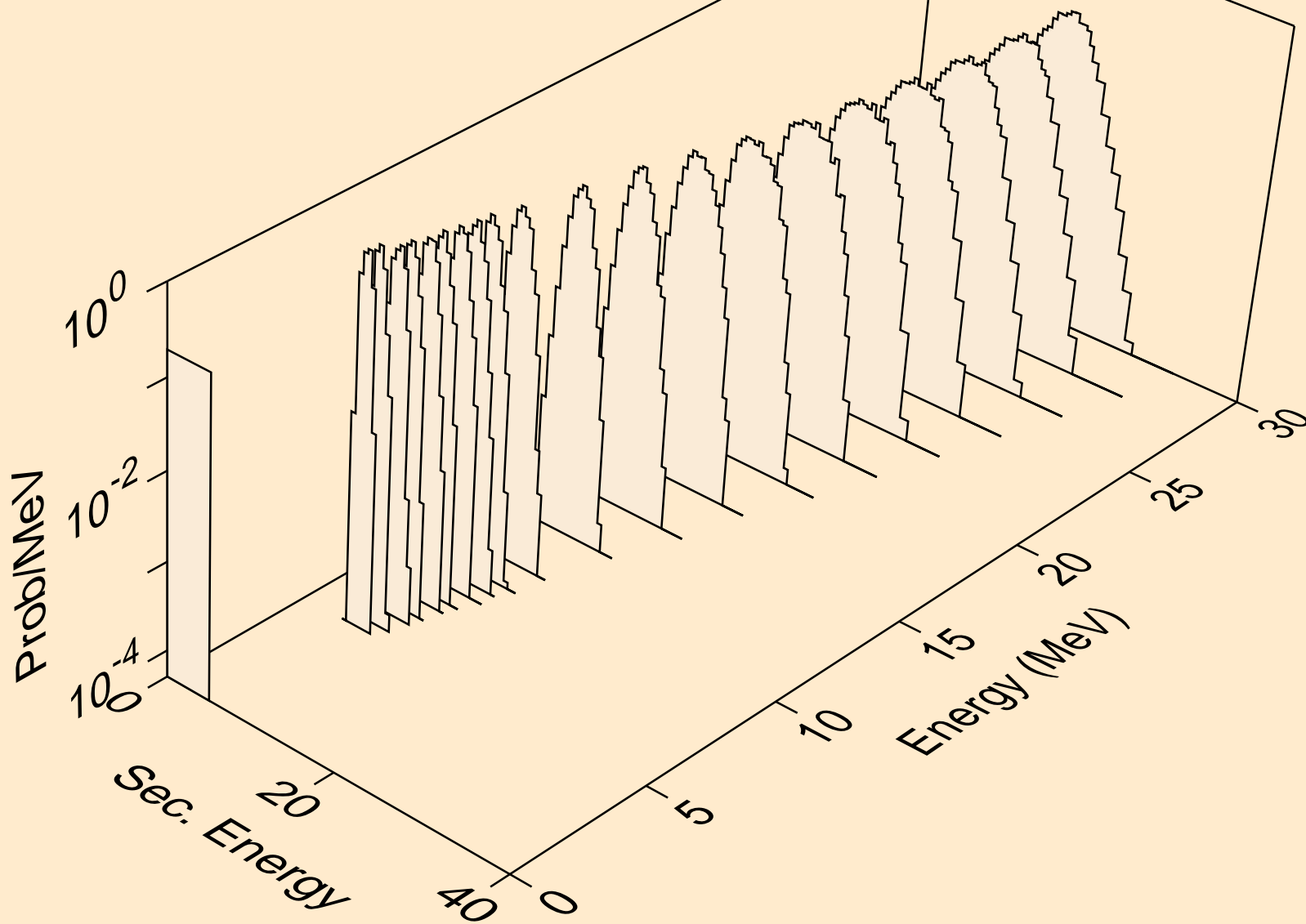
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



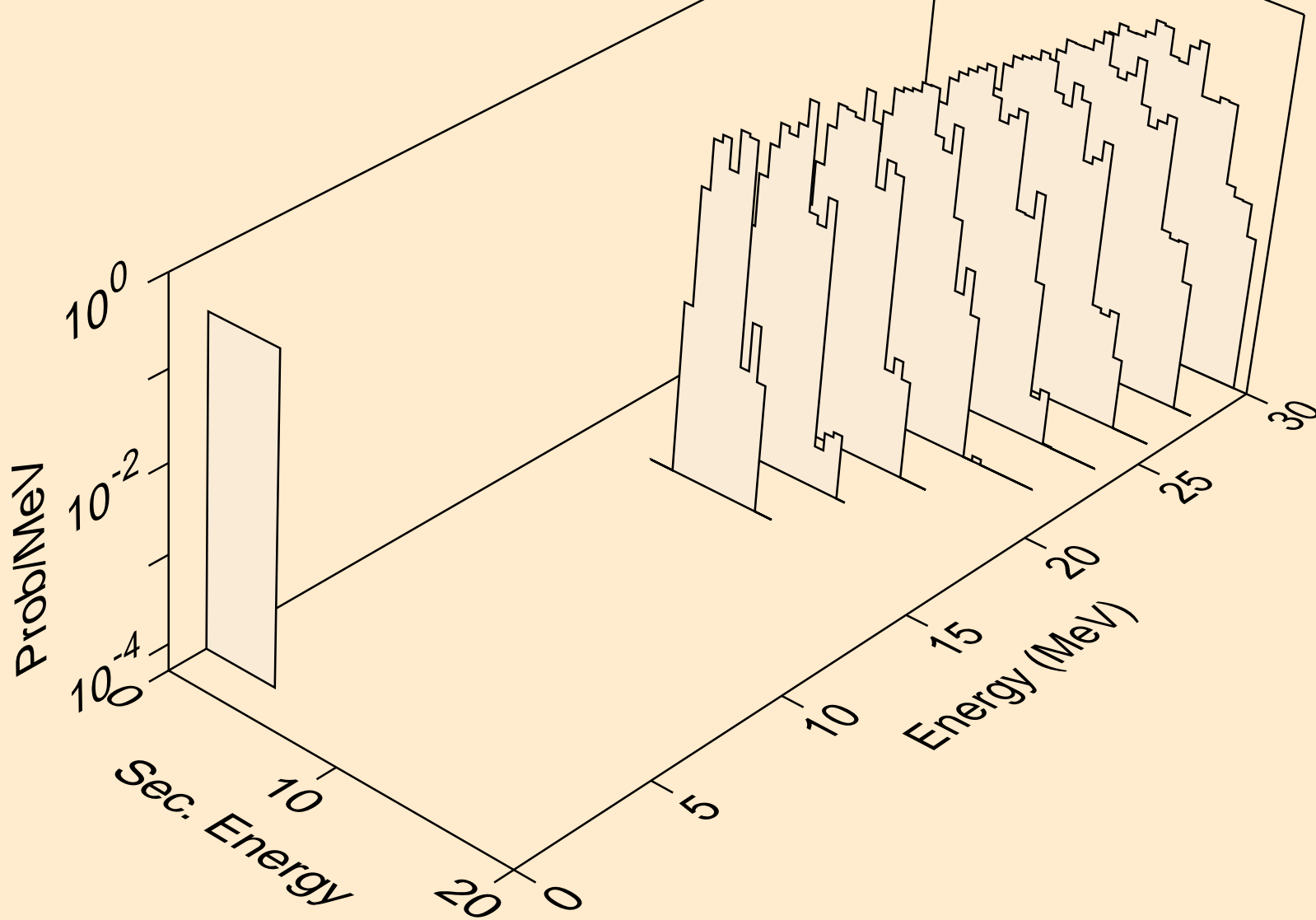
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



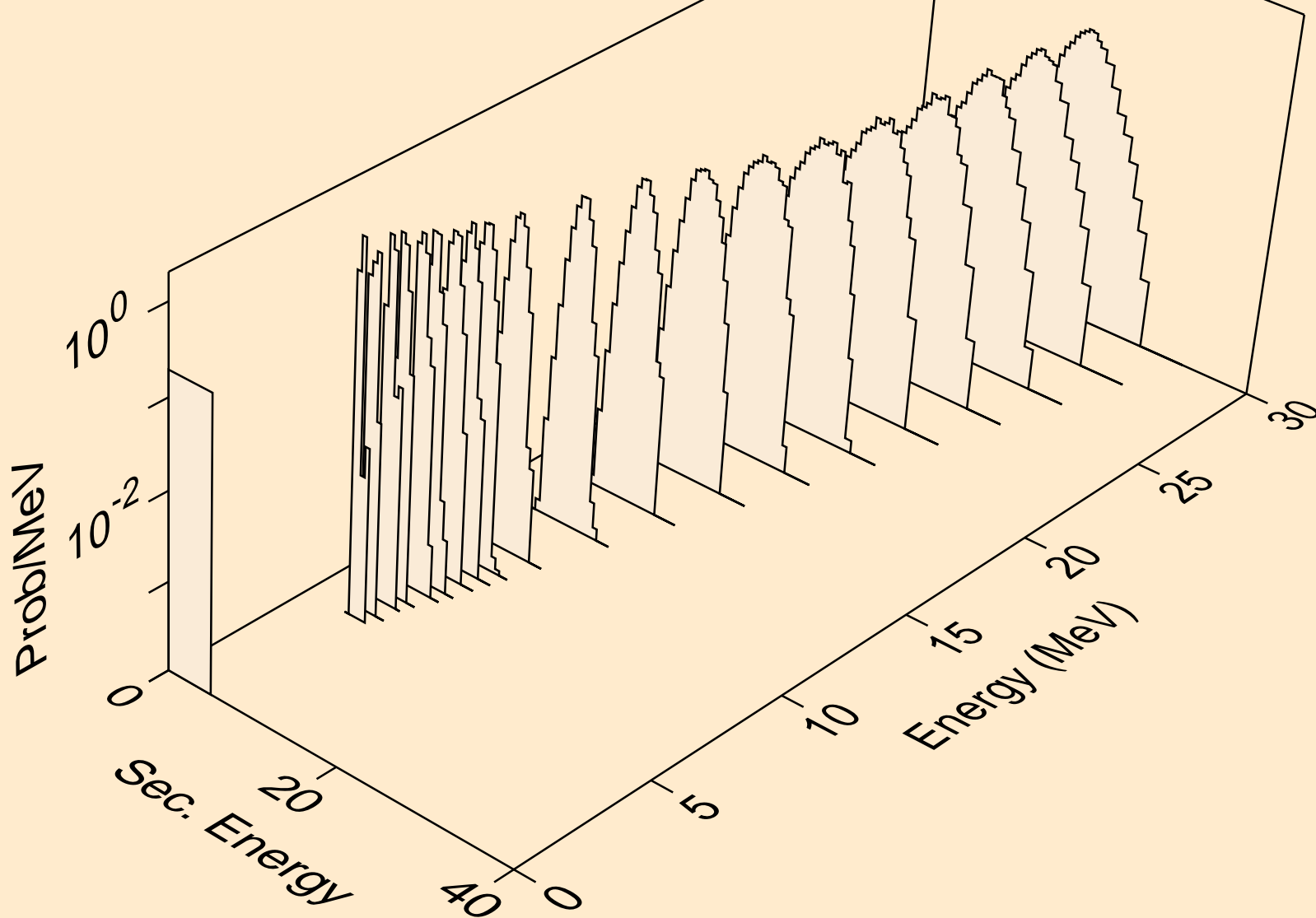
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



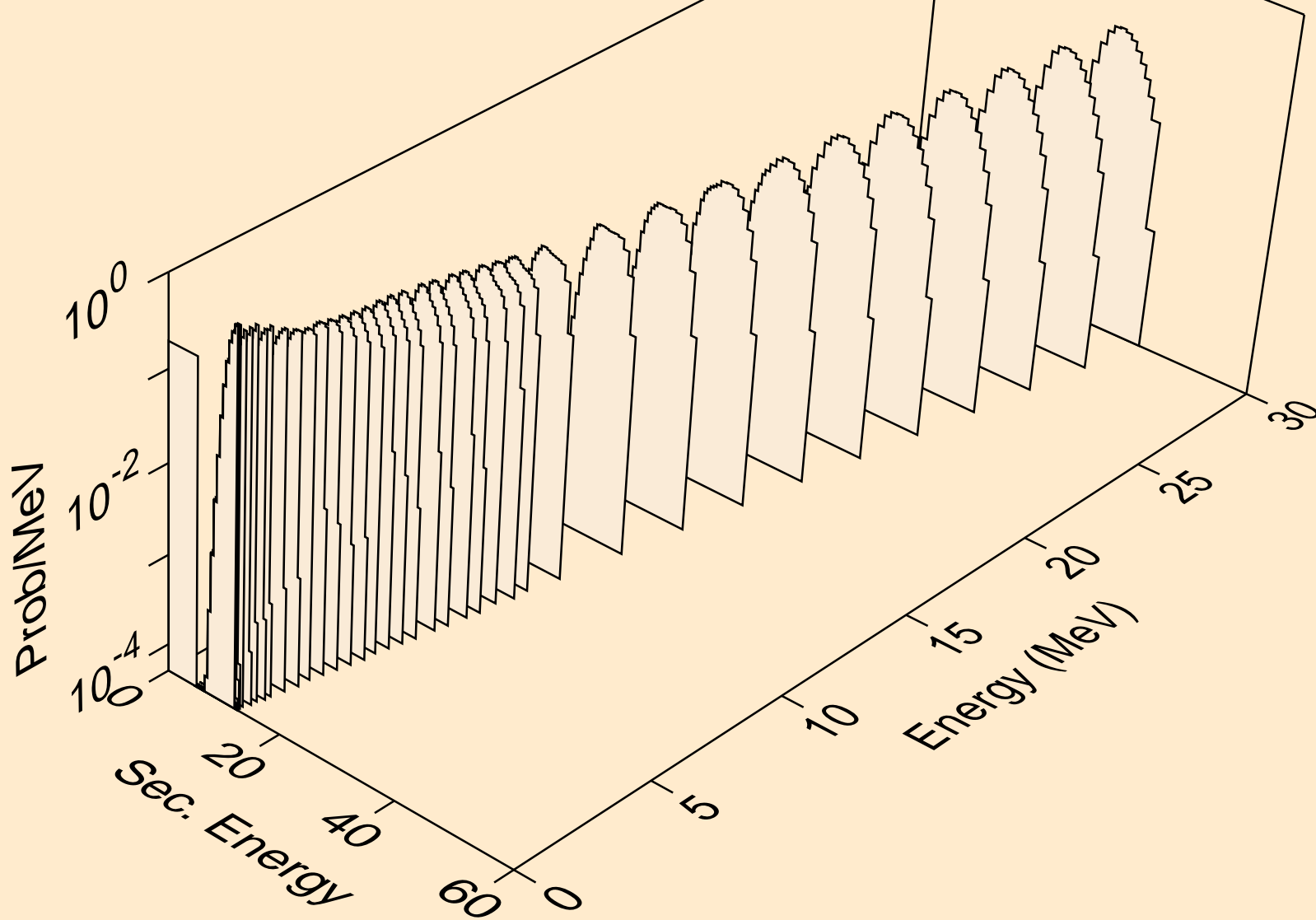
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



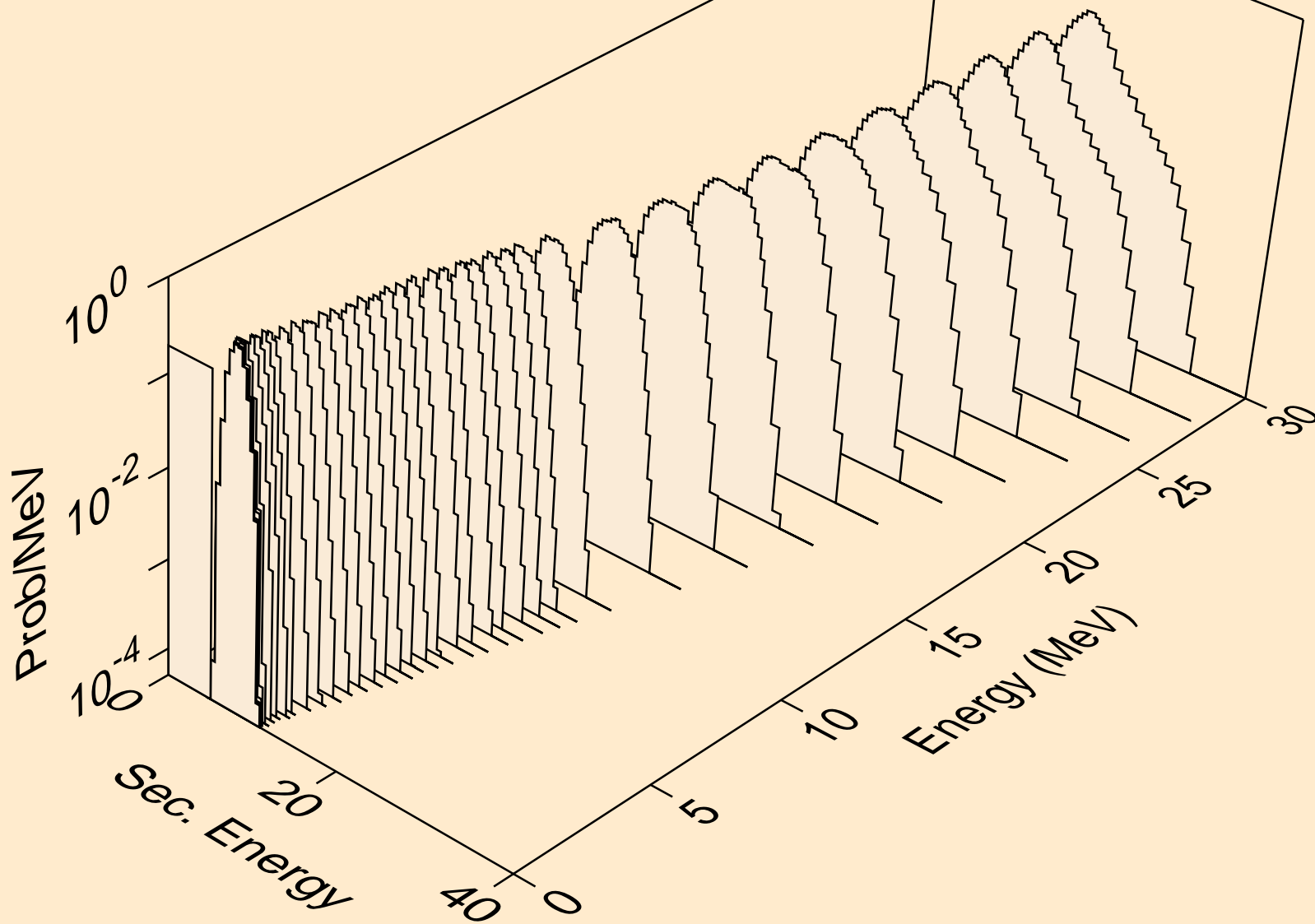
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



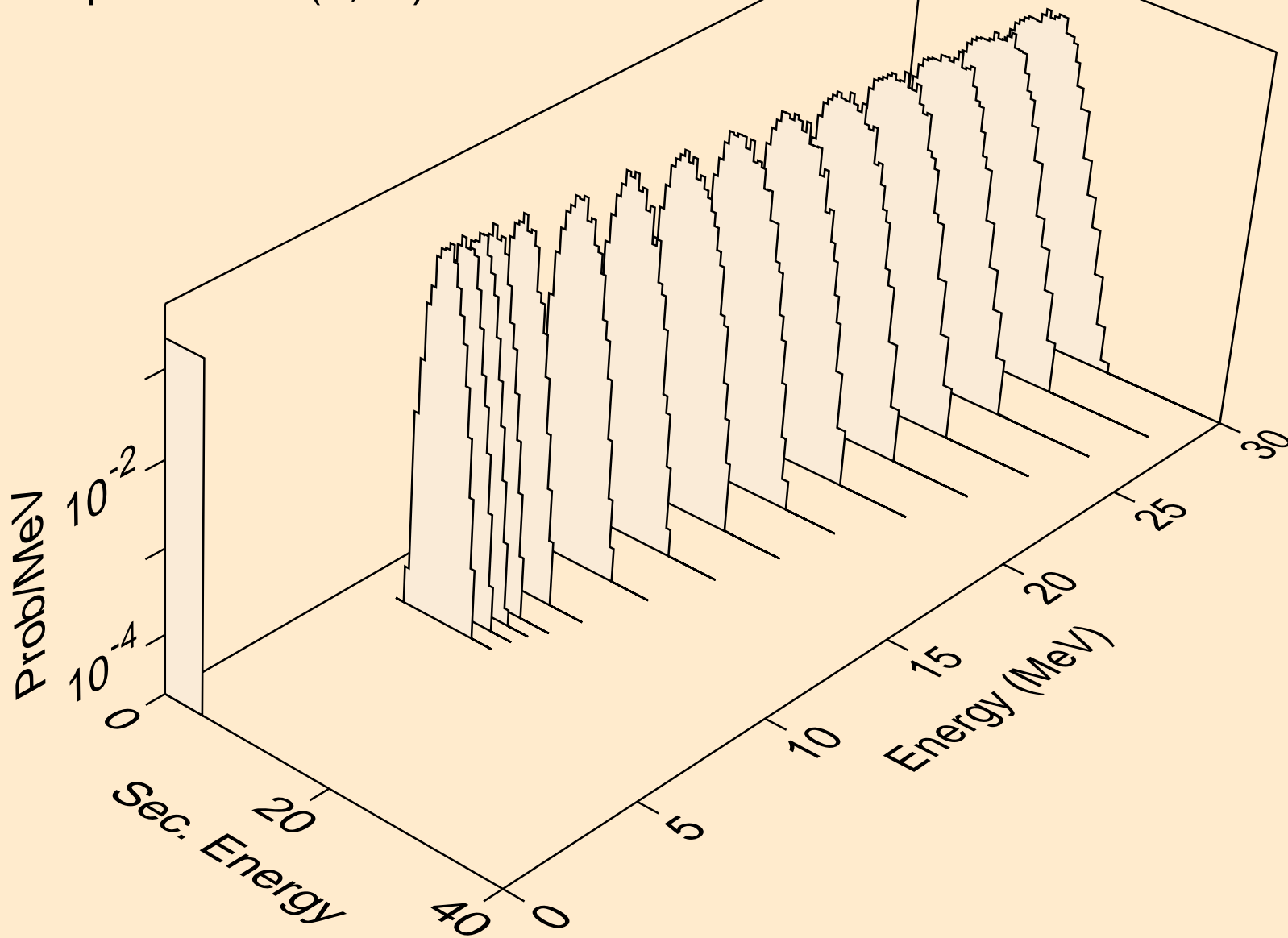
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



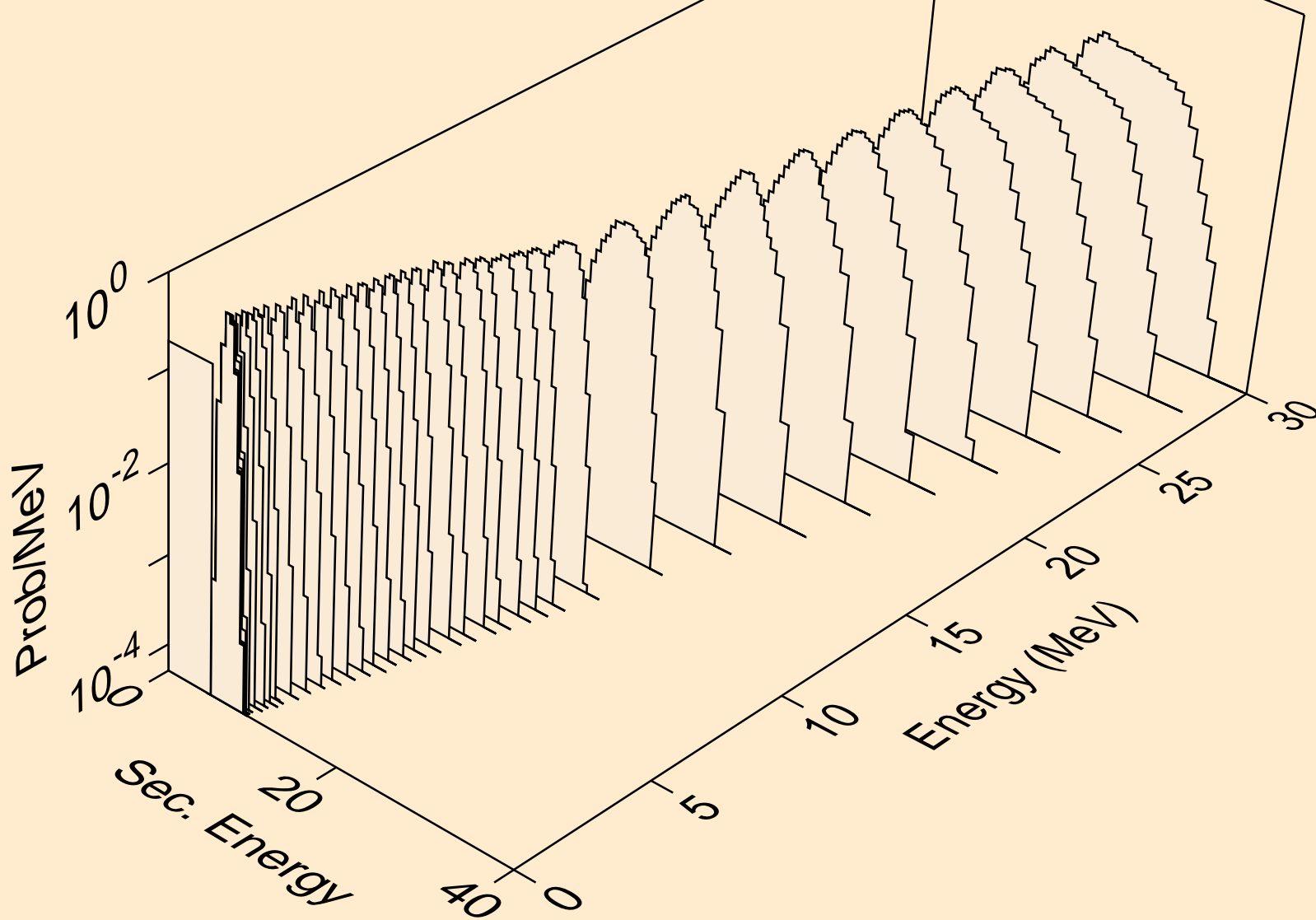
RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,p)



RE171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

