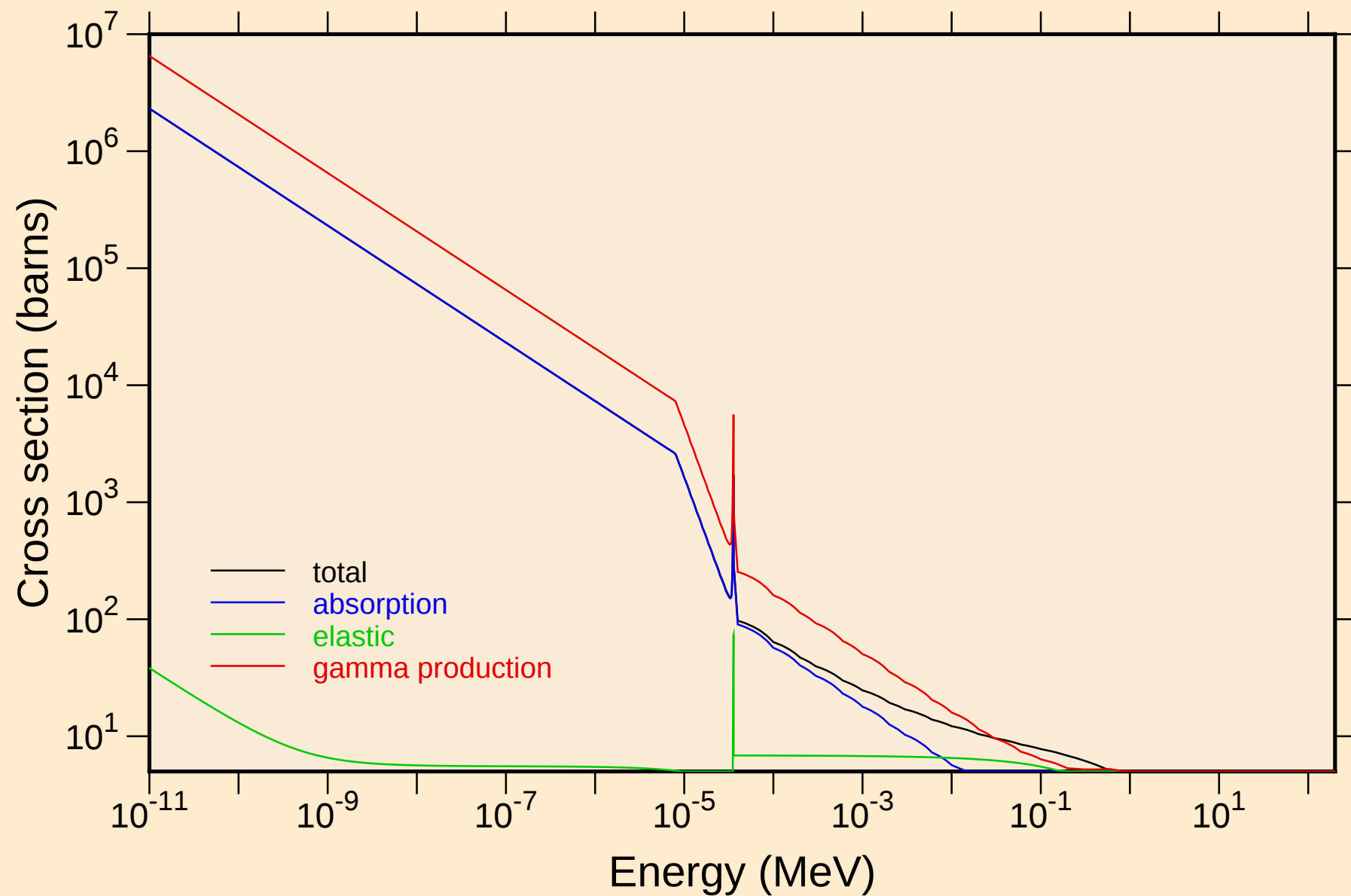
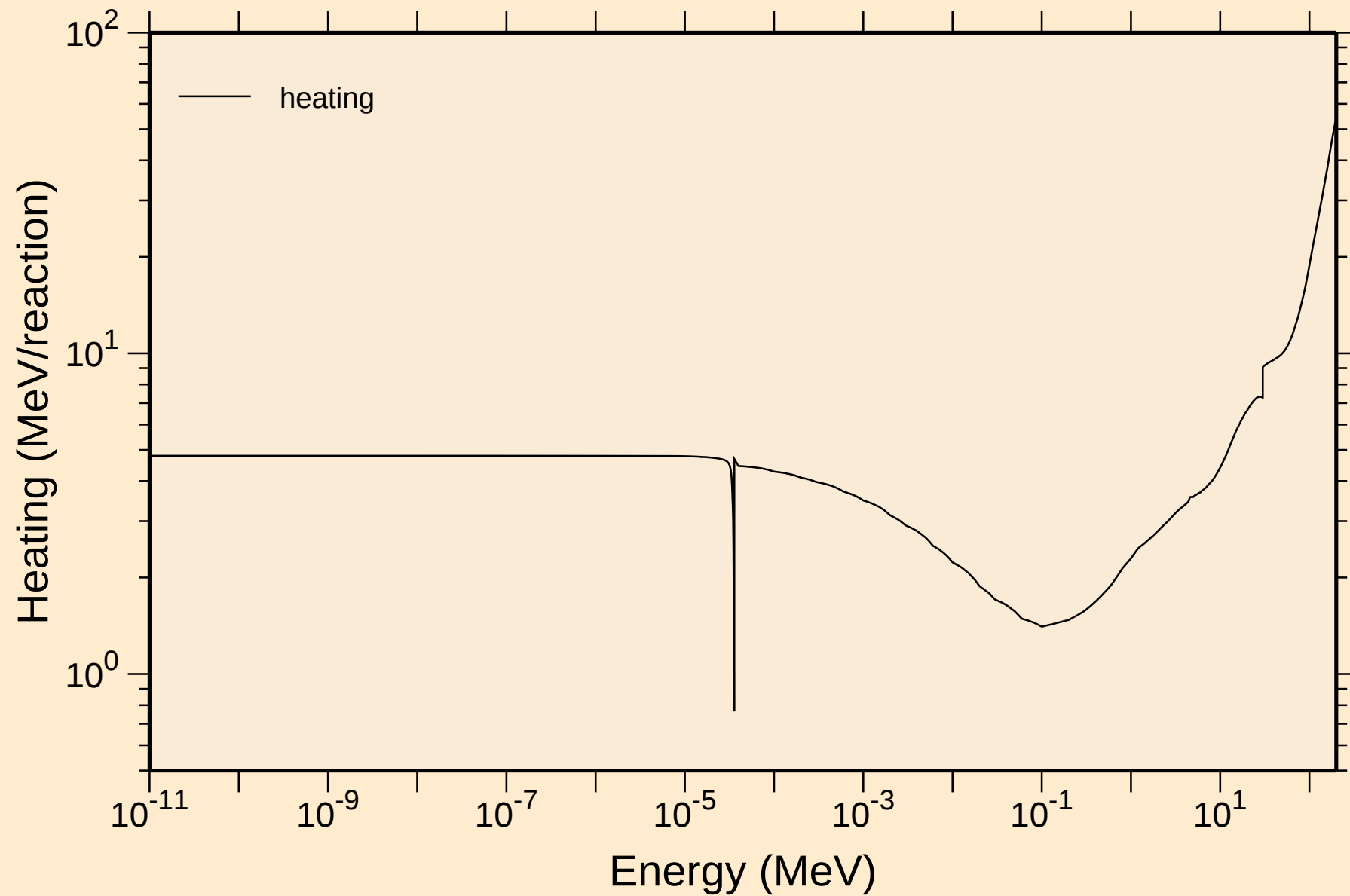


SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

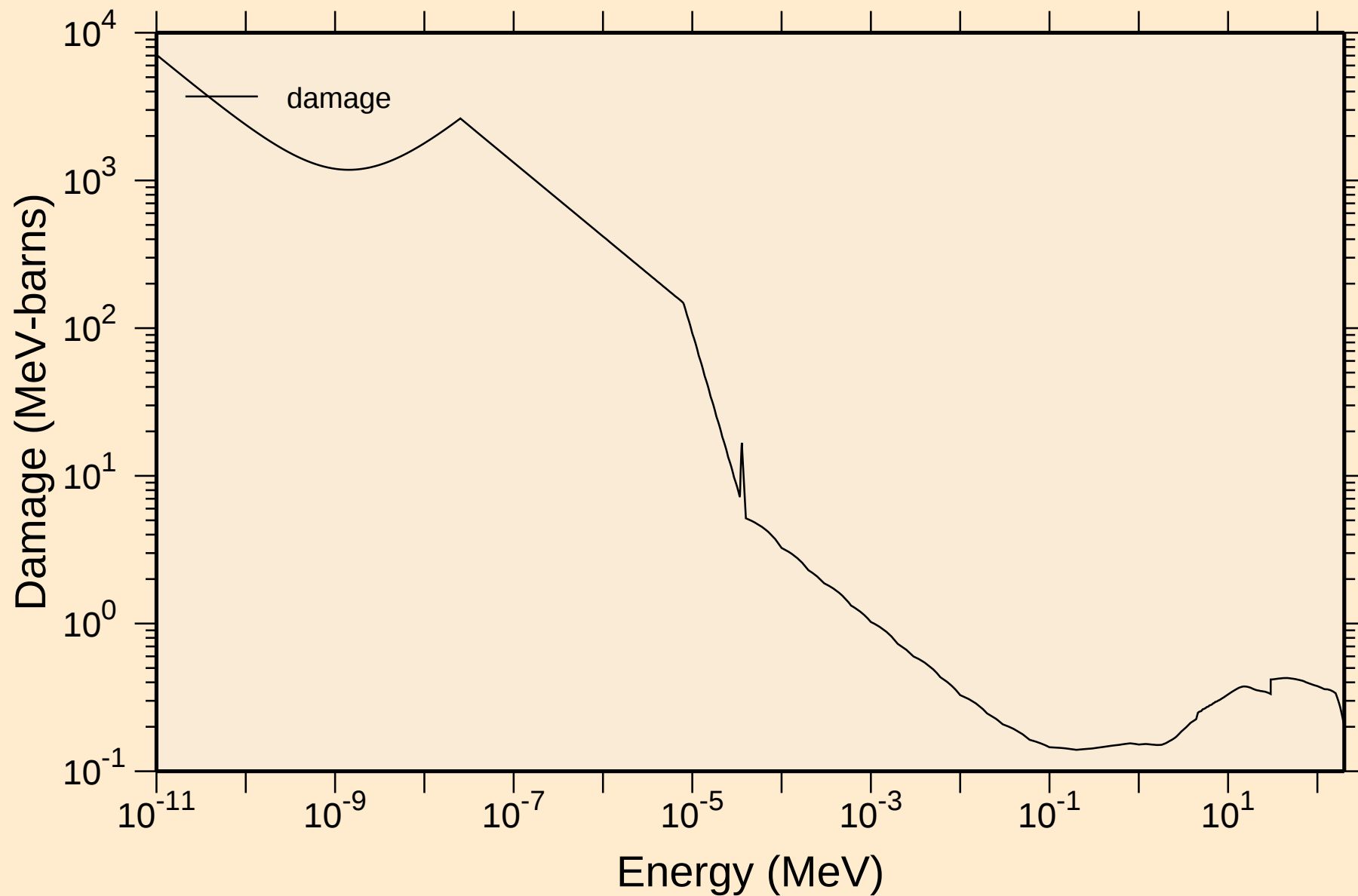
Principal cross sections



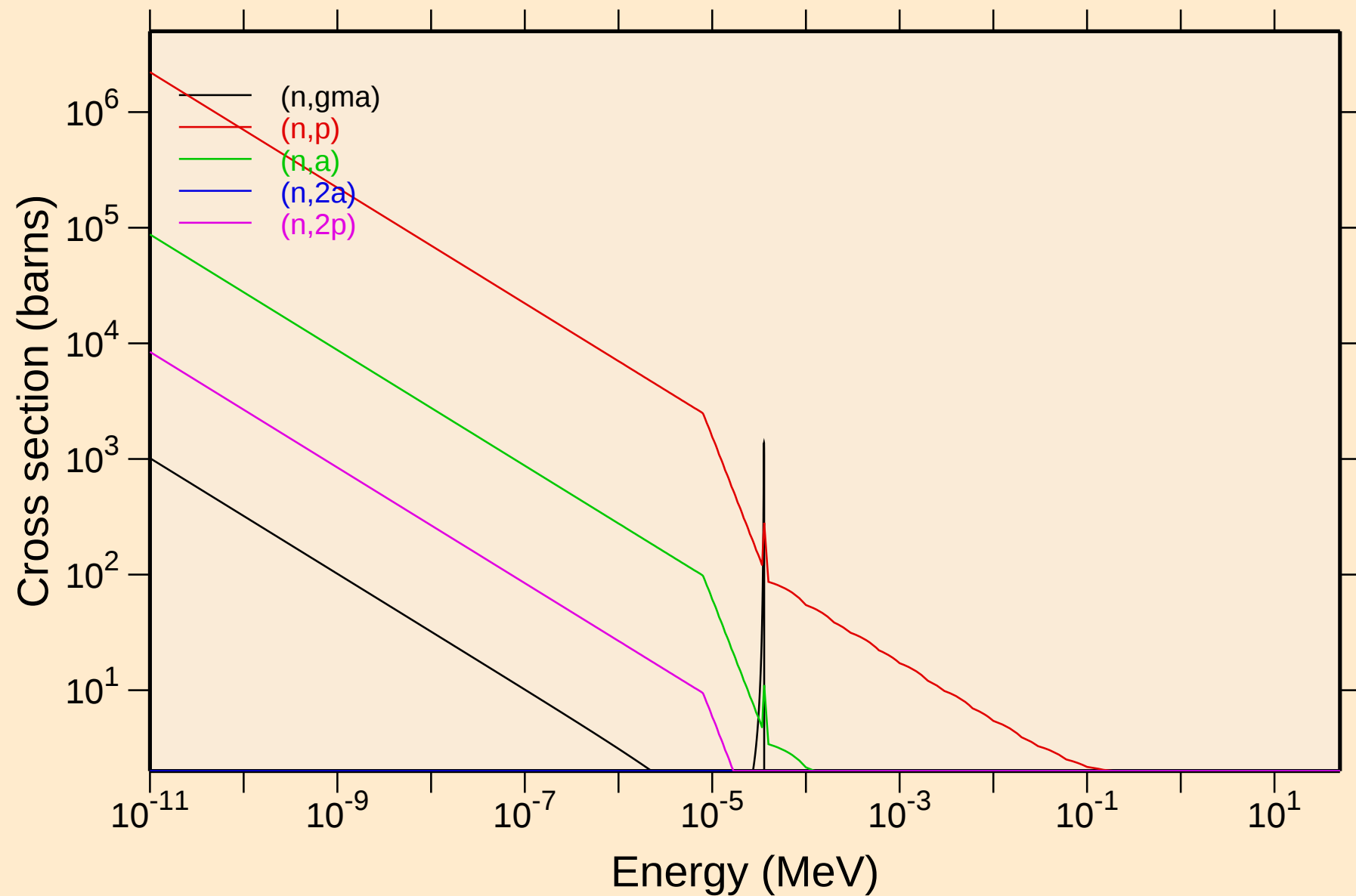
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



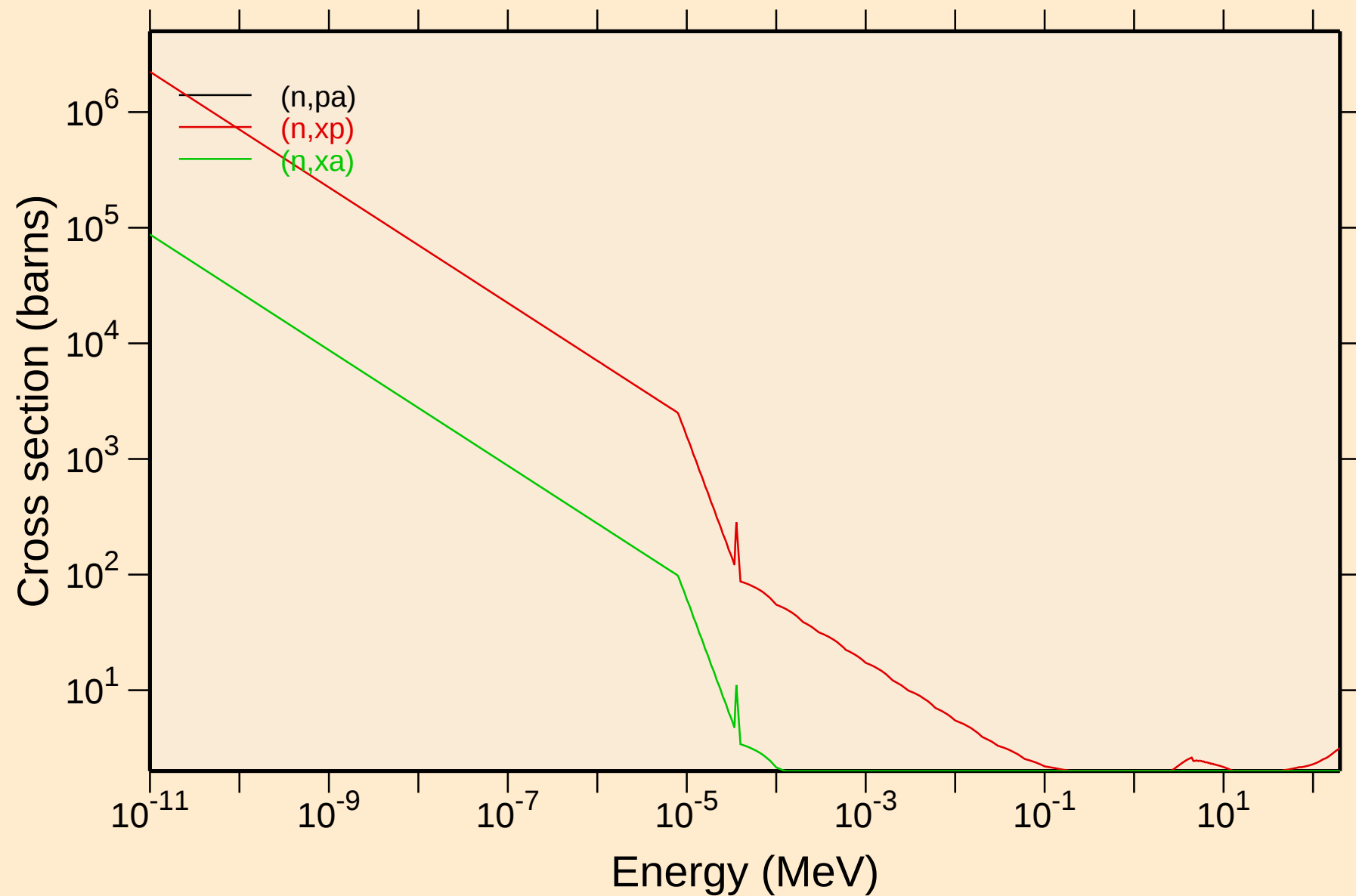
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

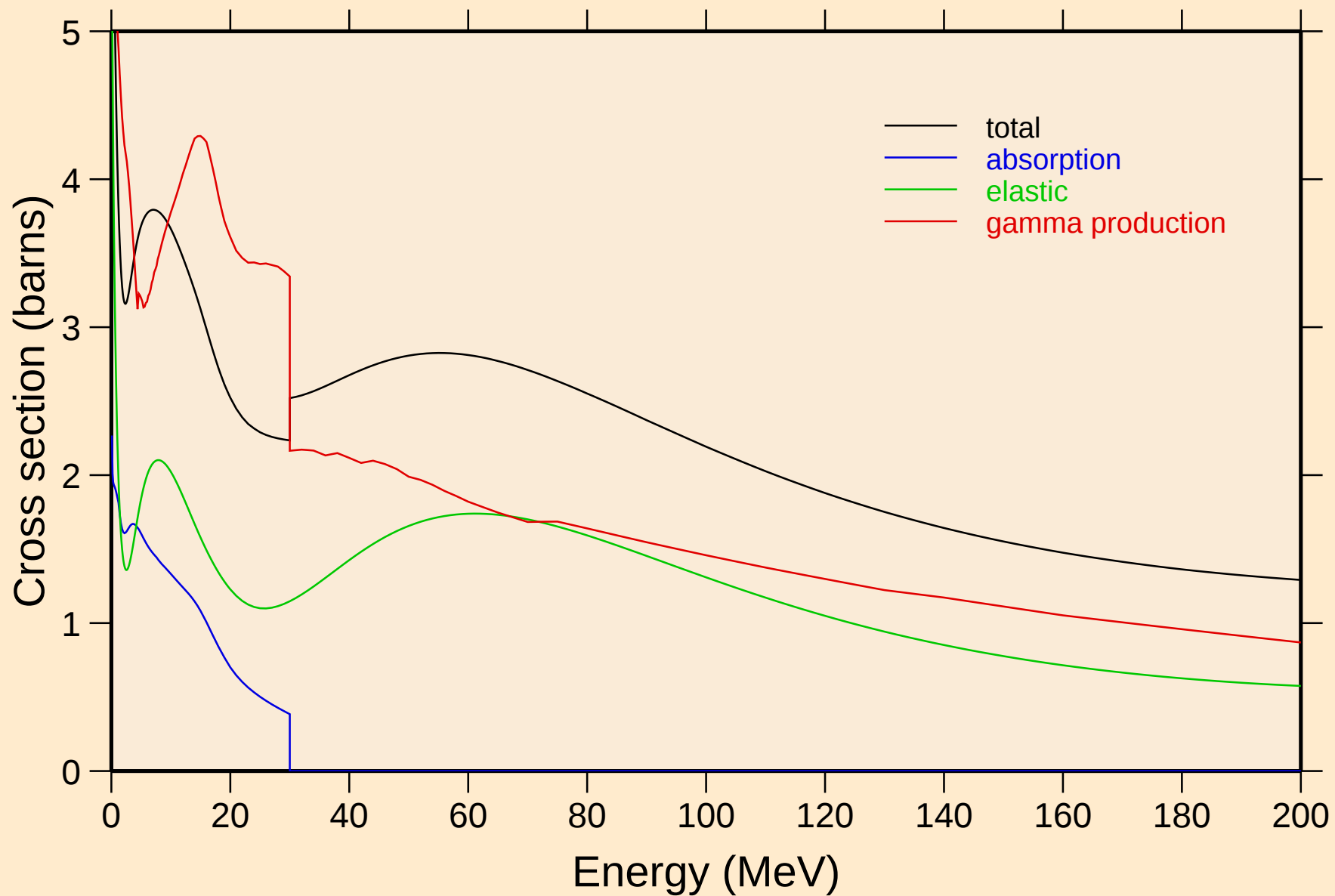


SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

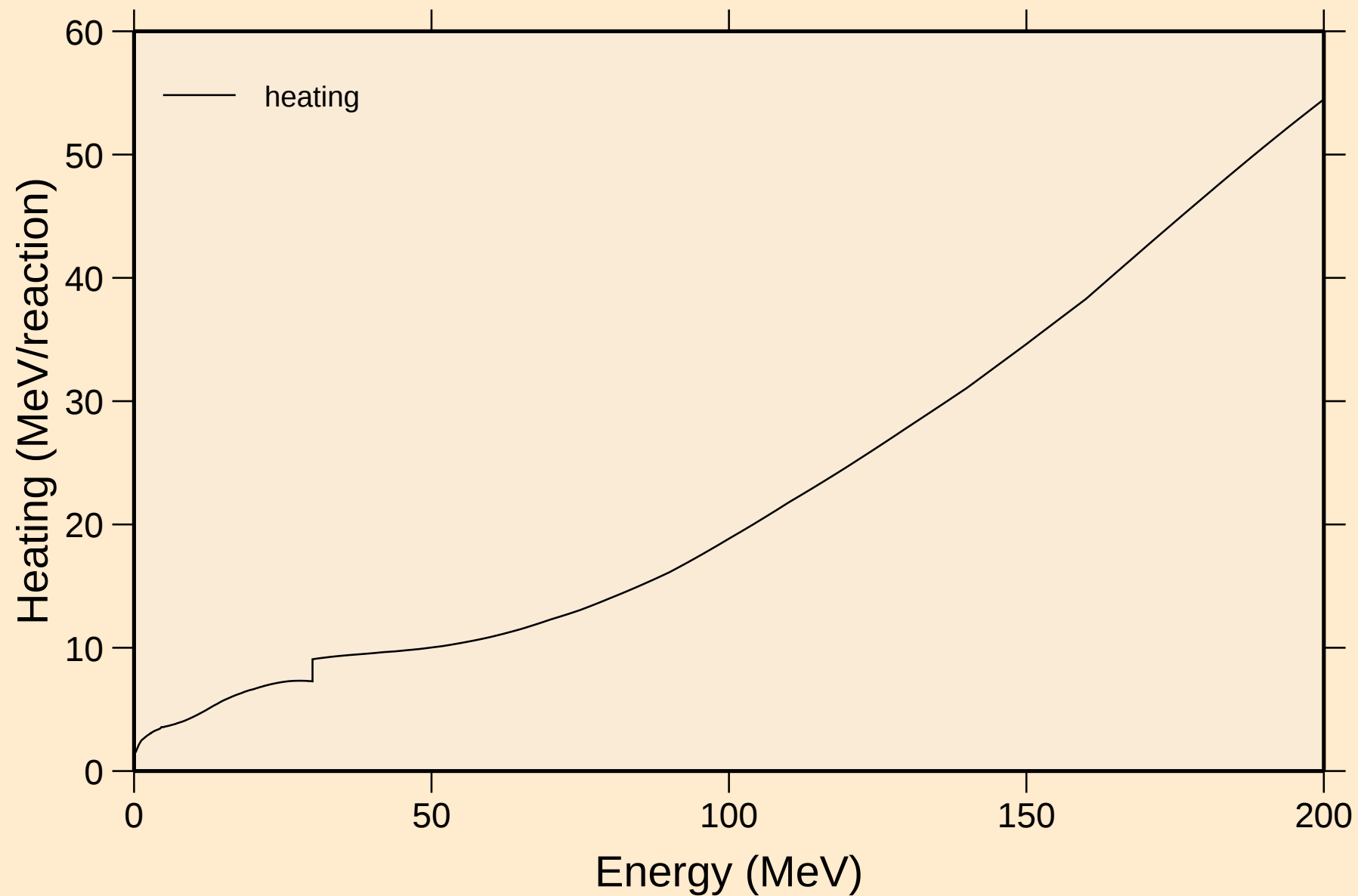


SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

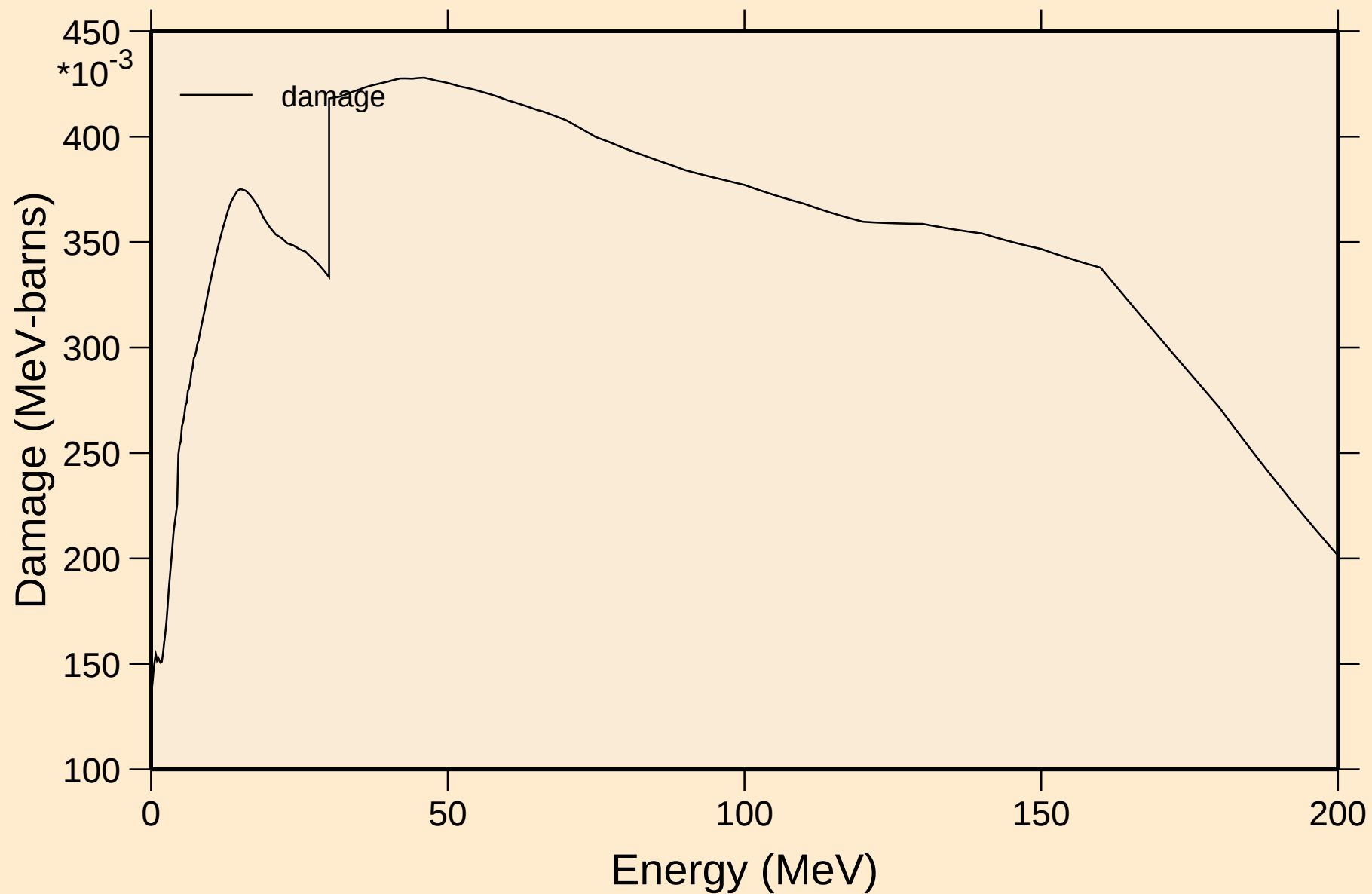
Principal cross sections



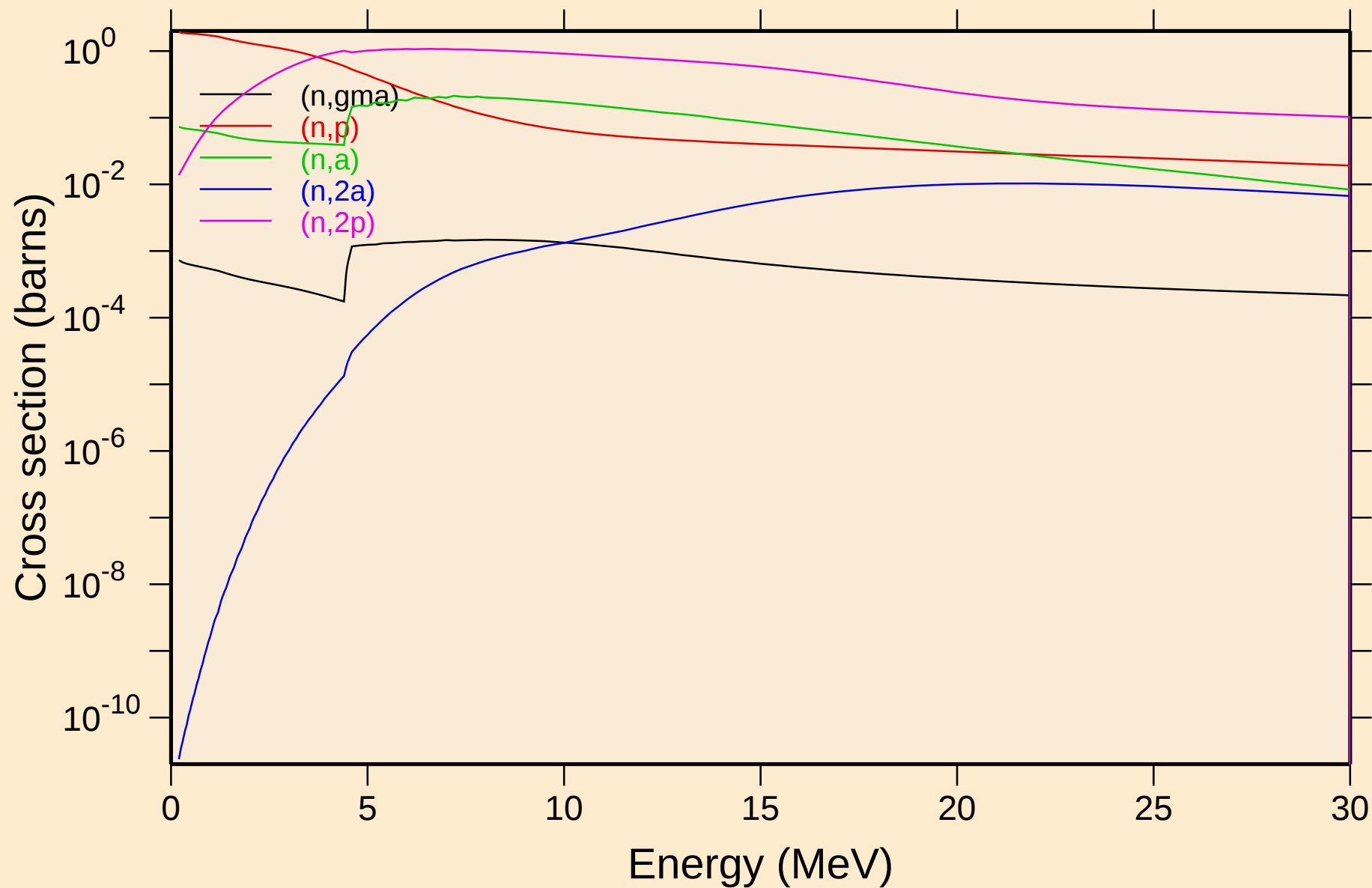
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Heating



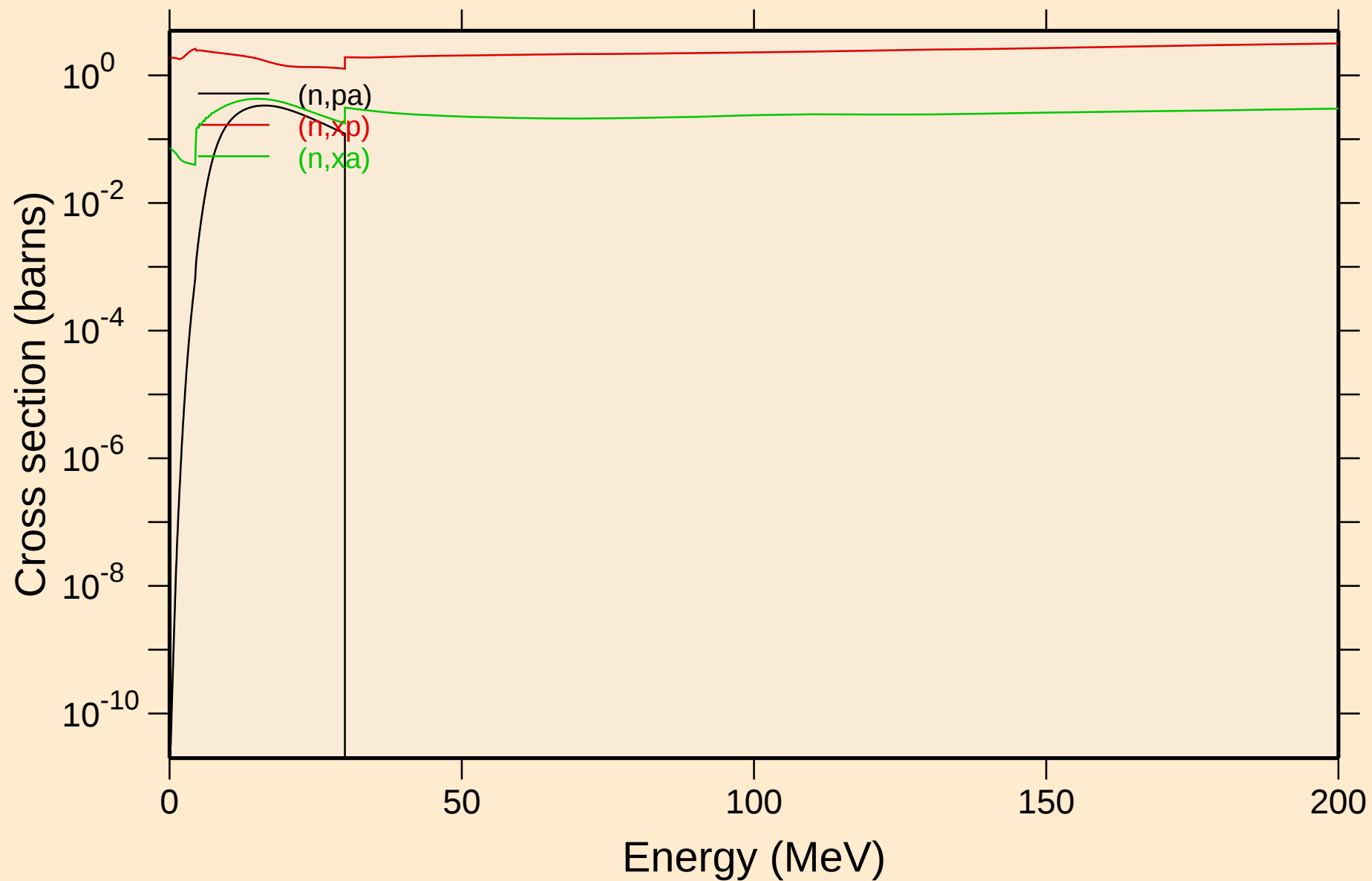
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Damage



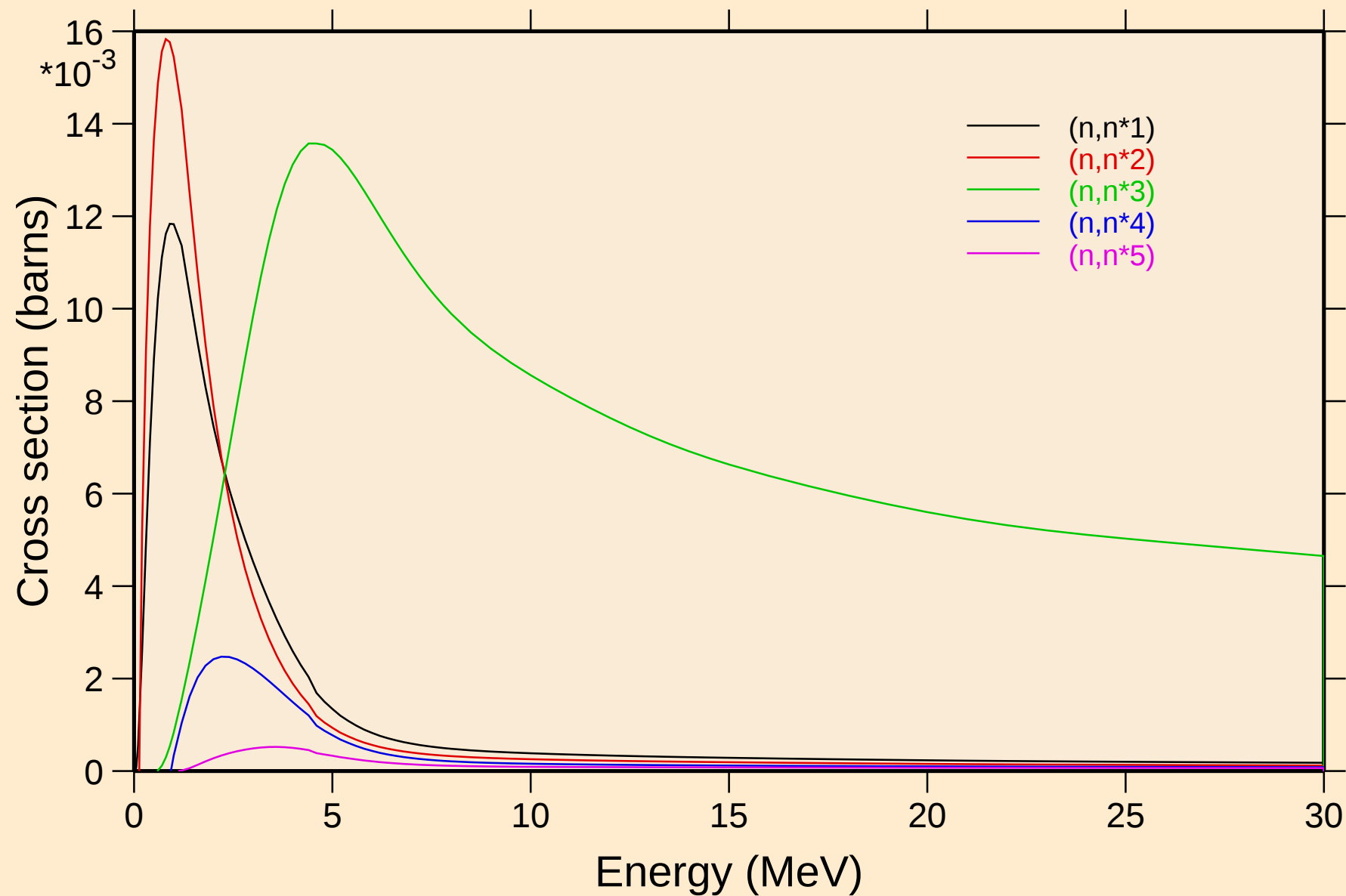
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



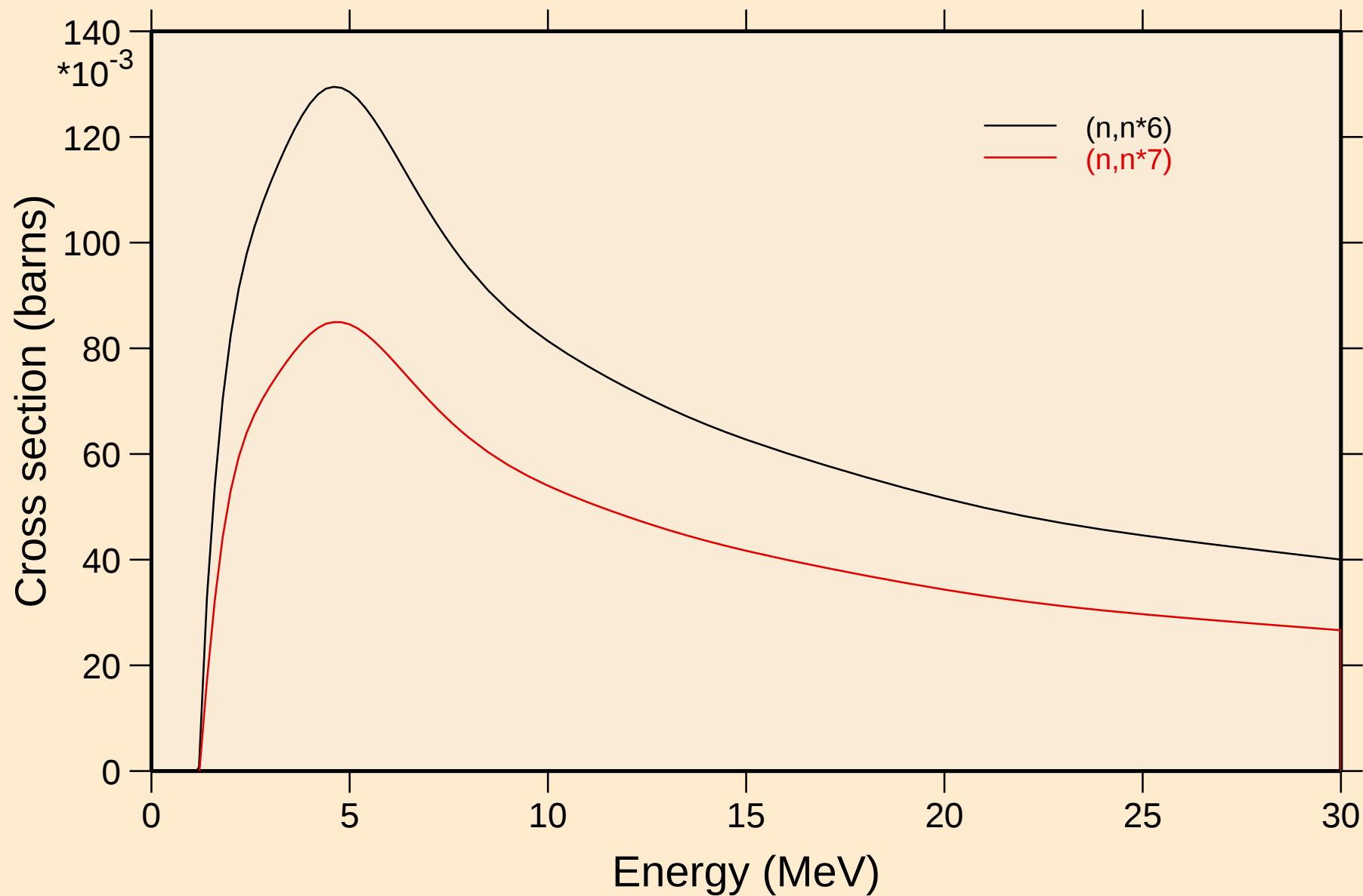
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



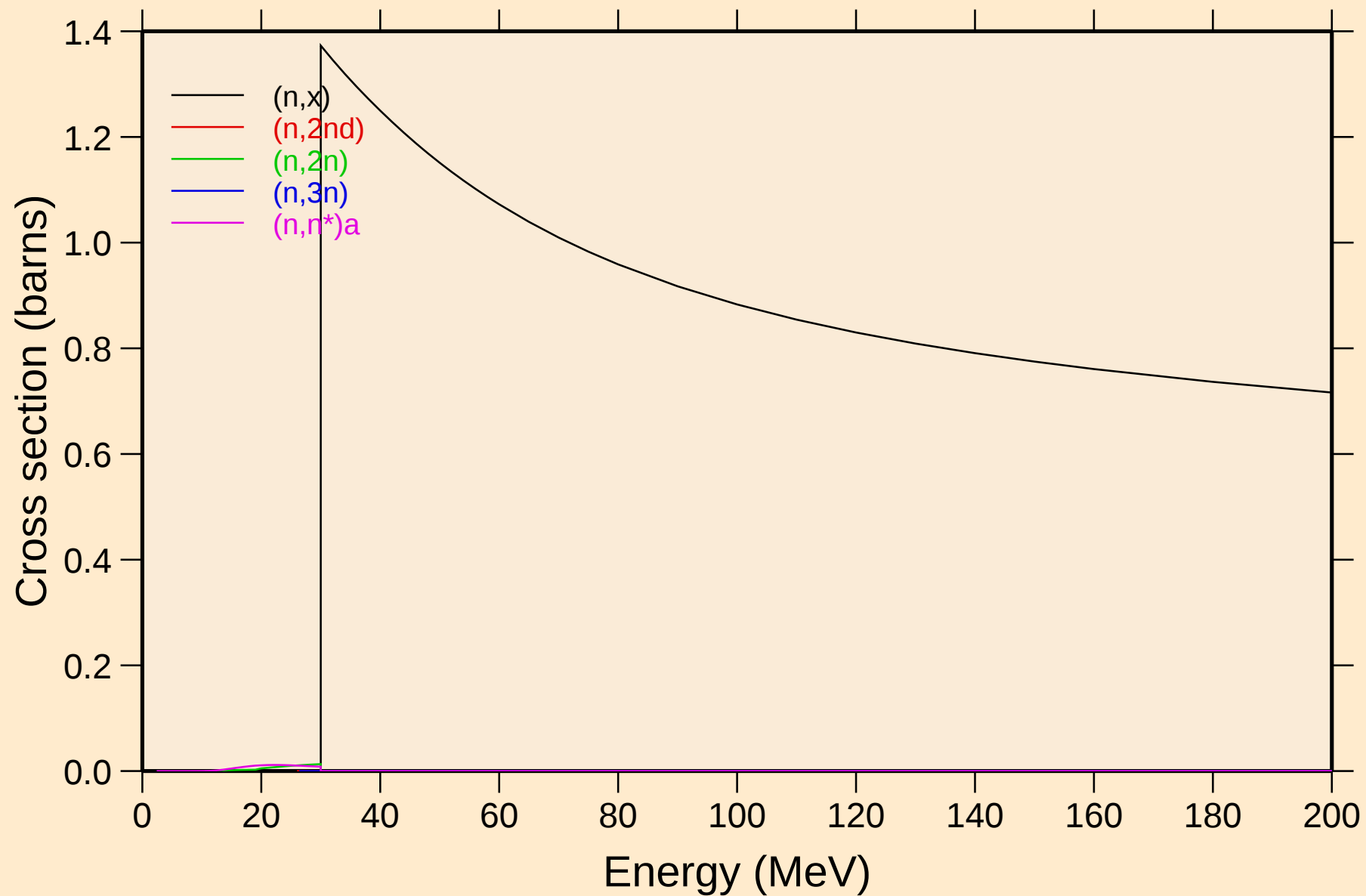
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



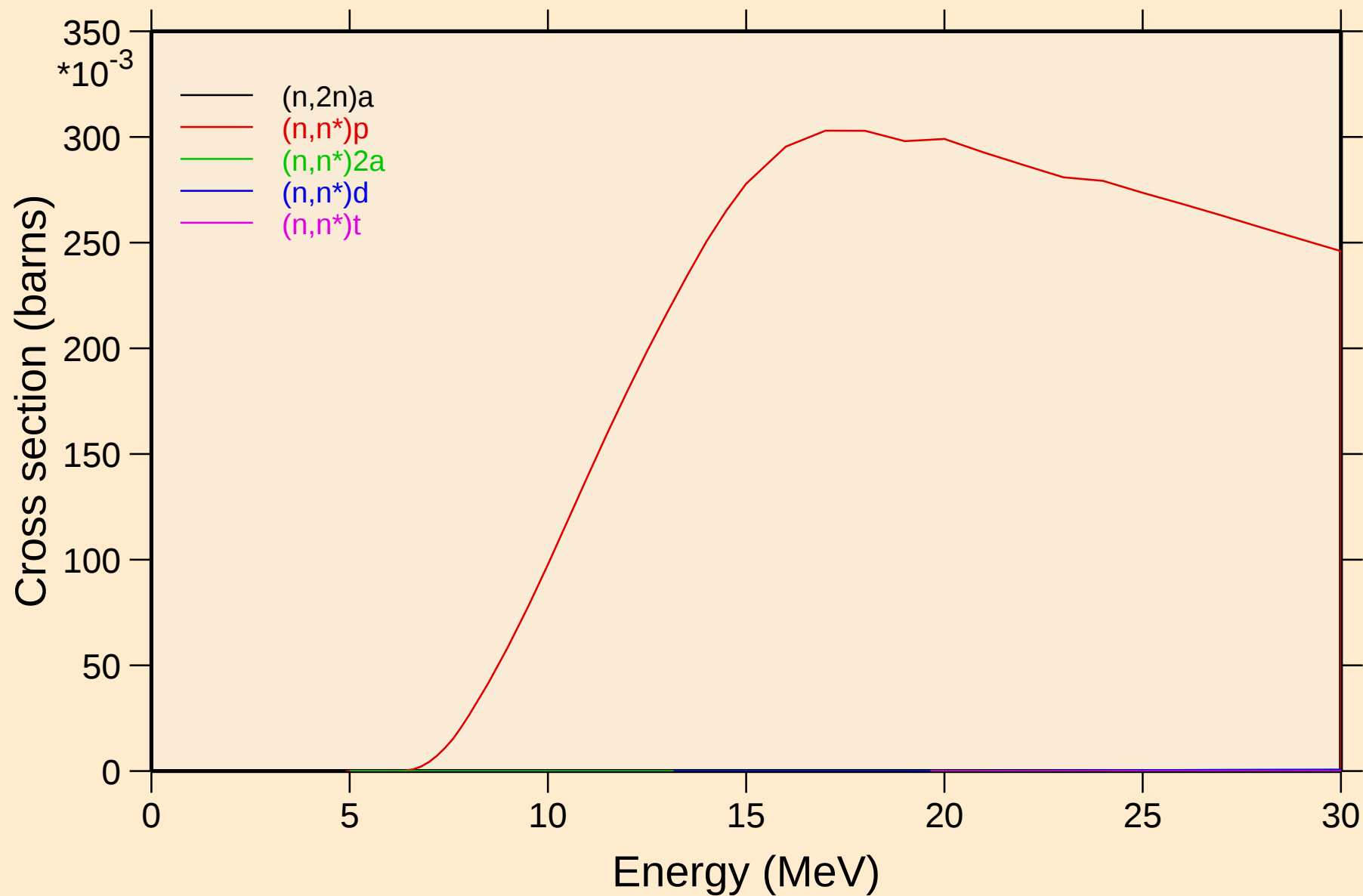
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



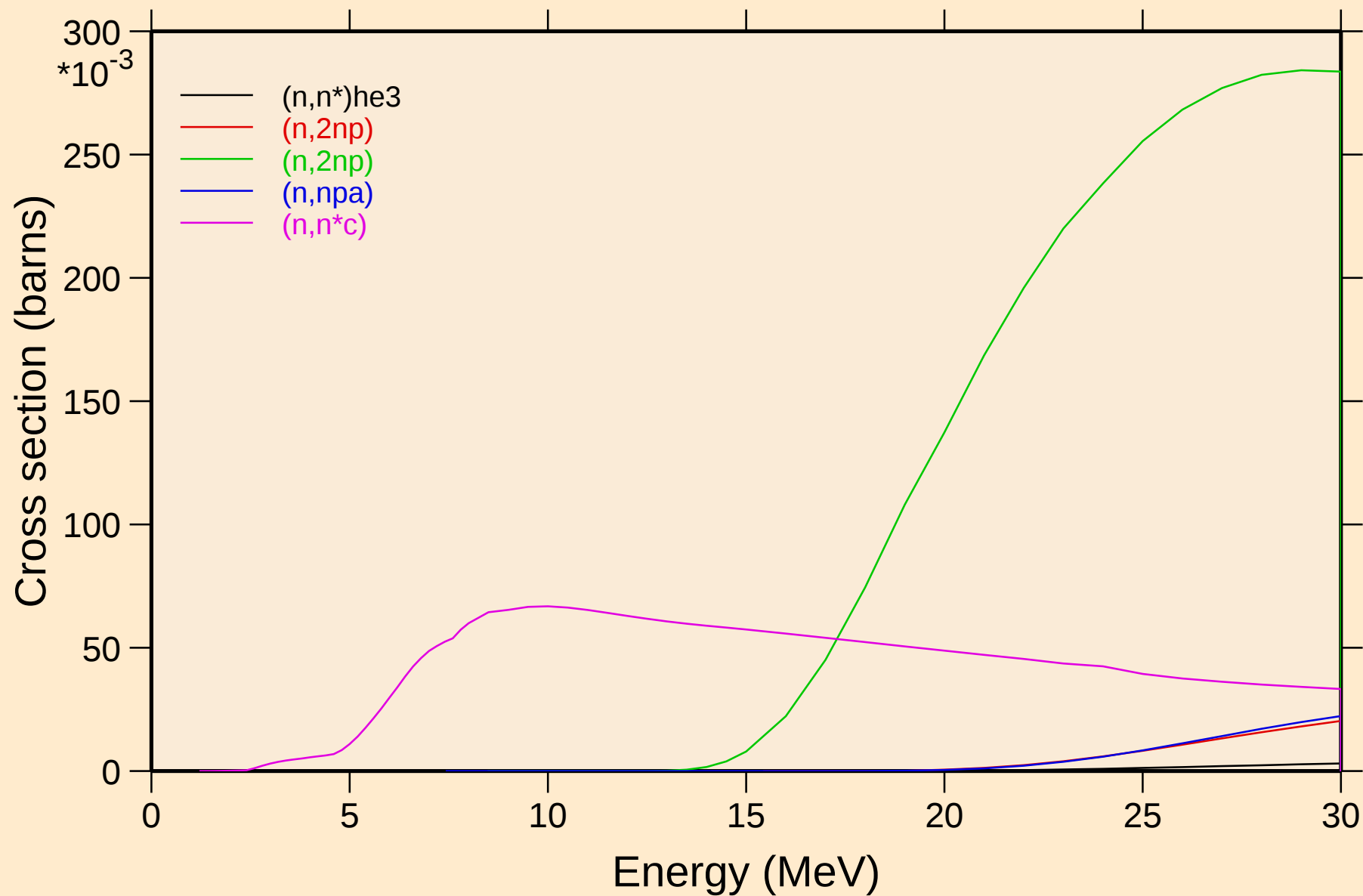
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



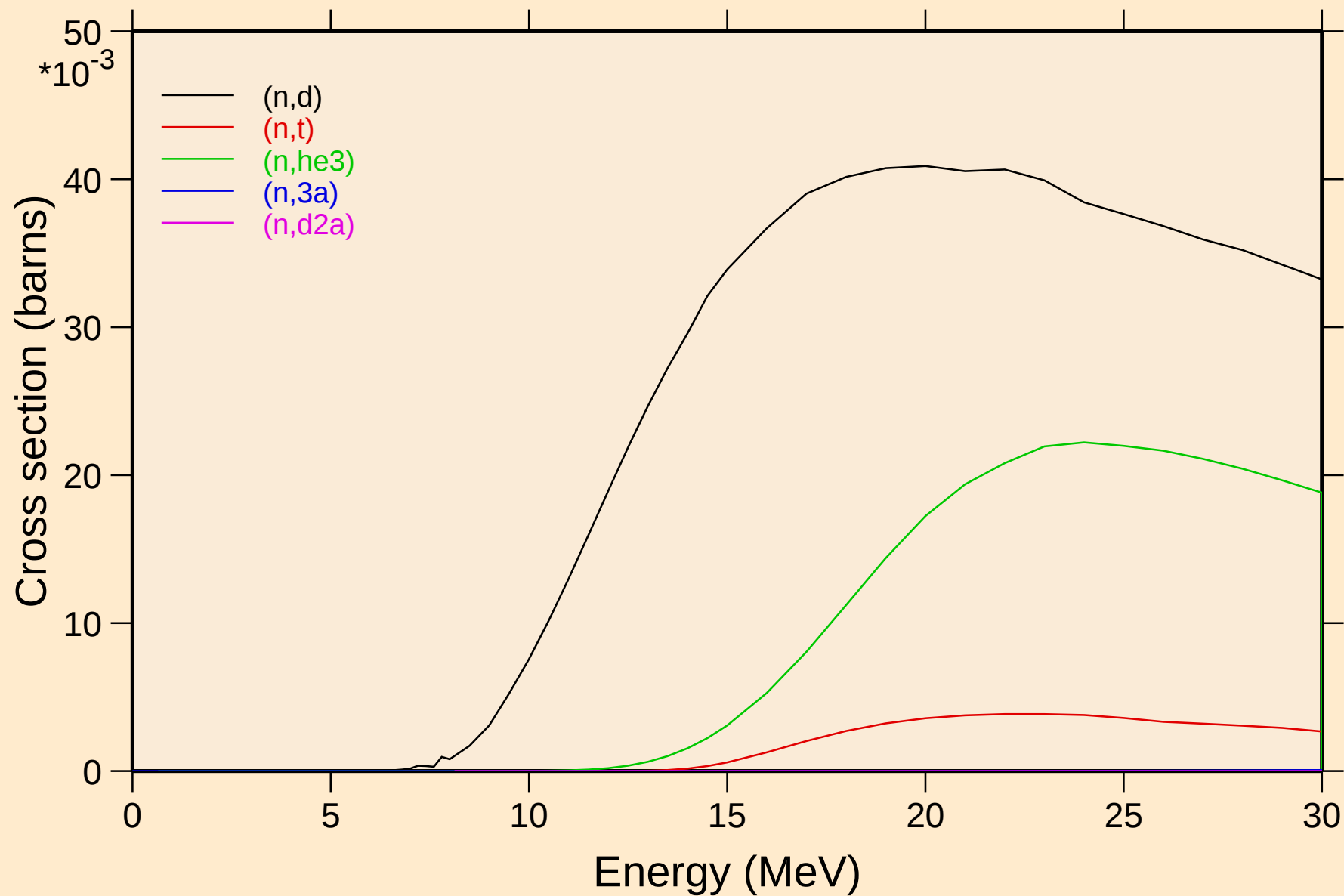
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



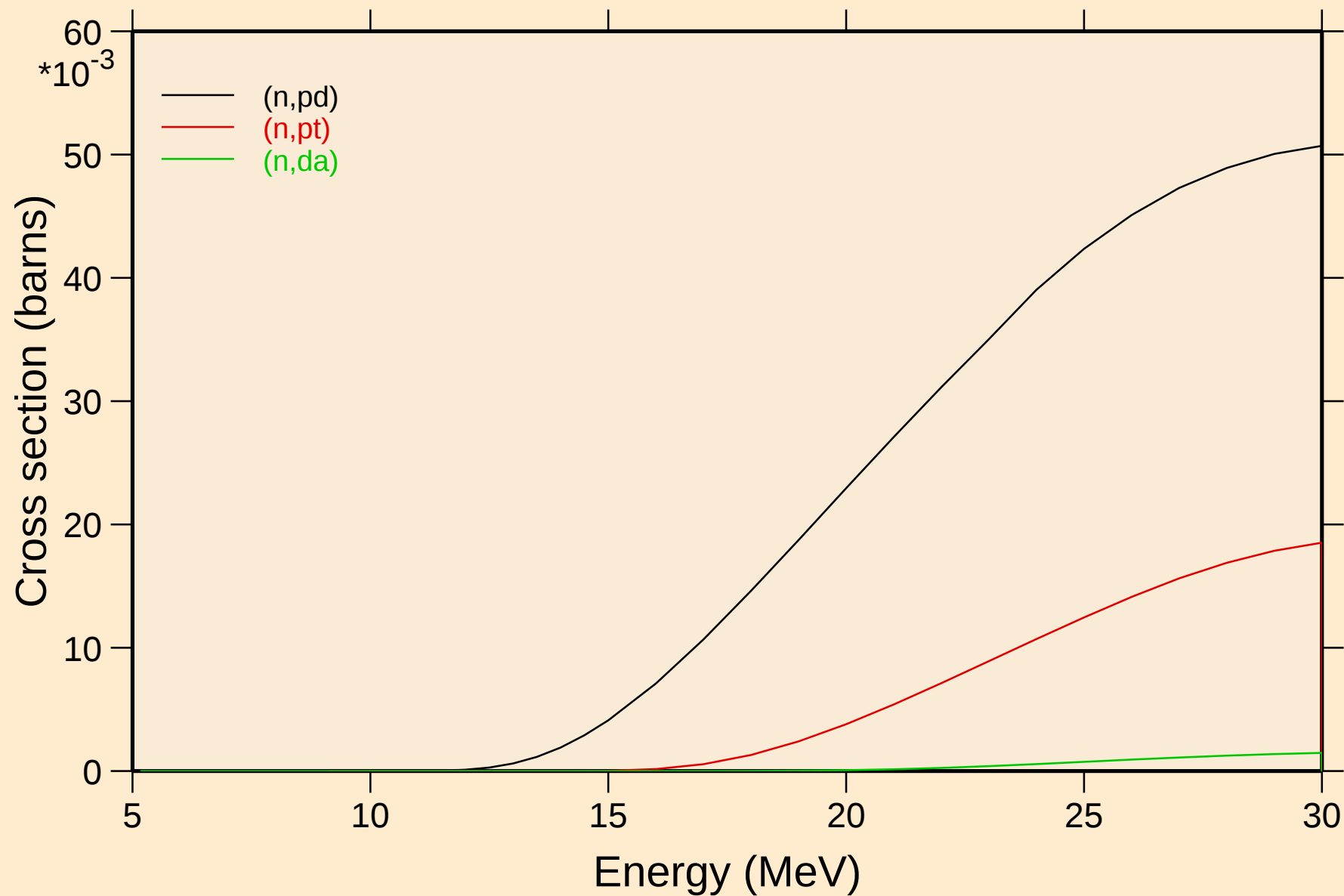
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



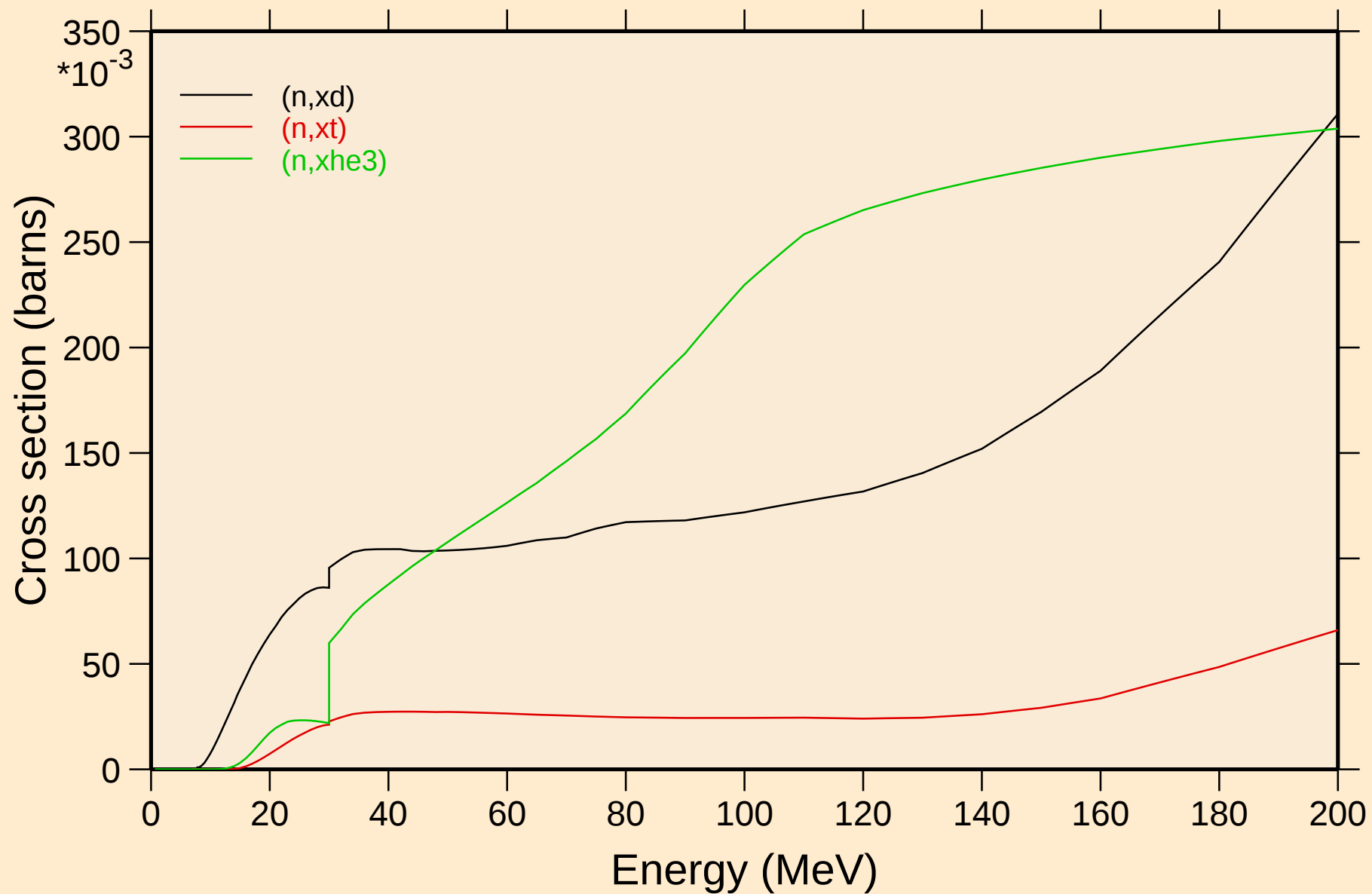
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



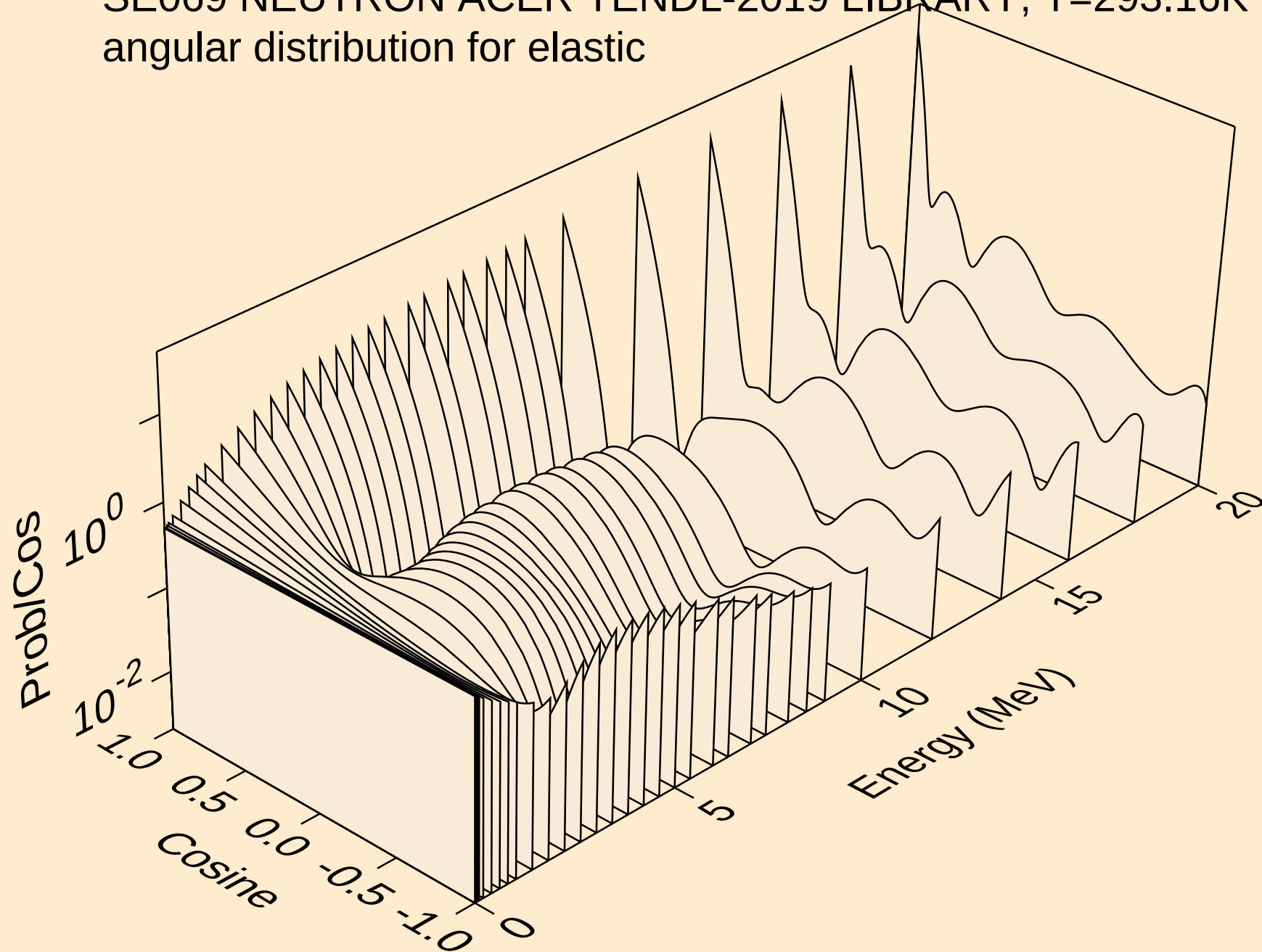
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



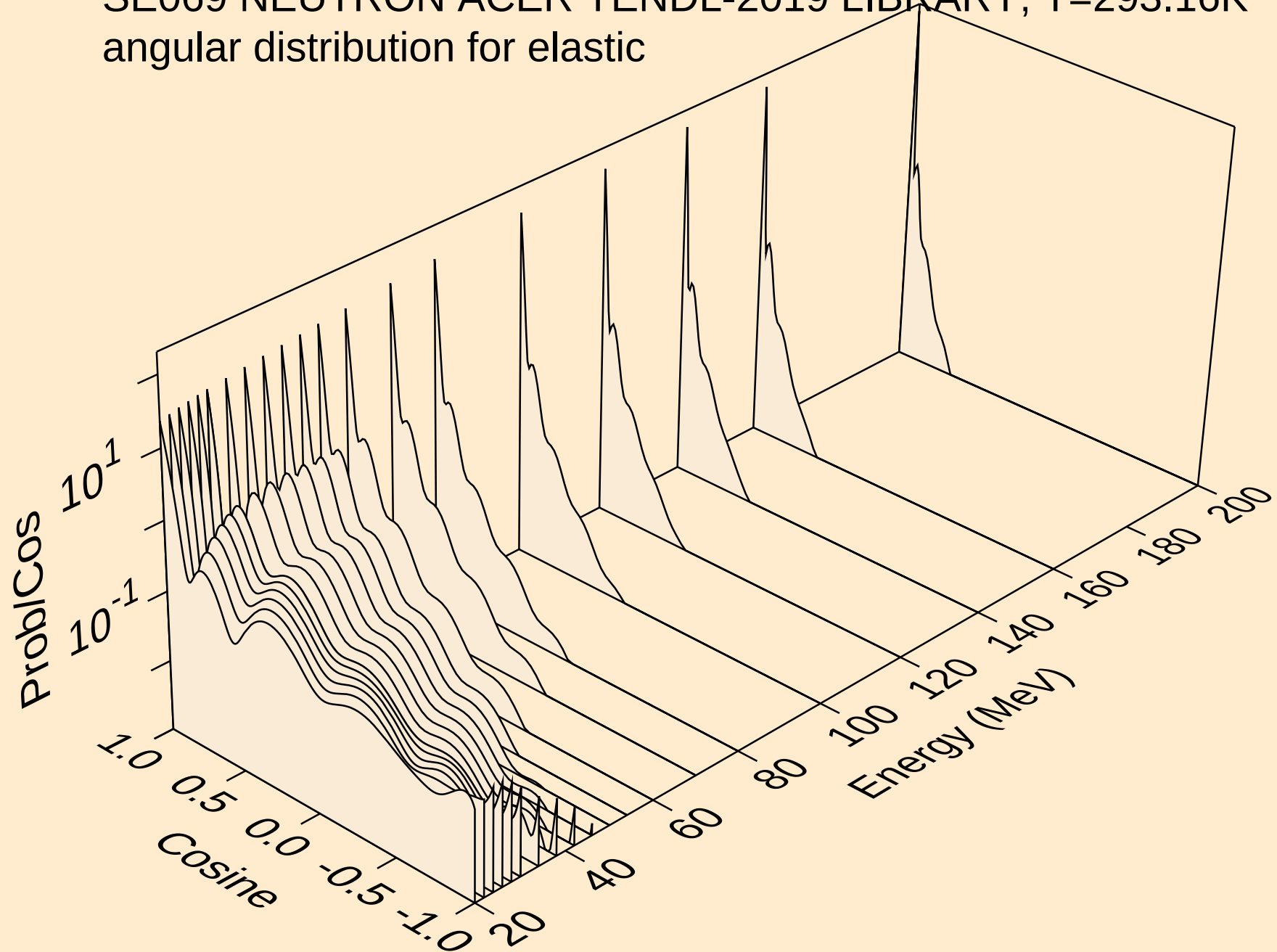
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



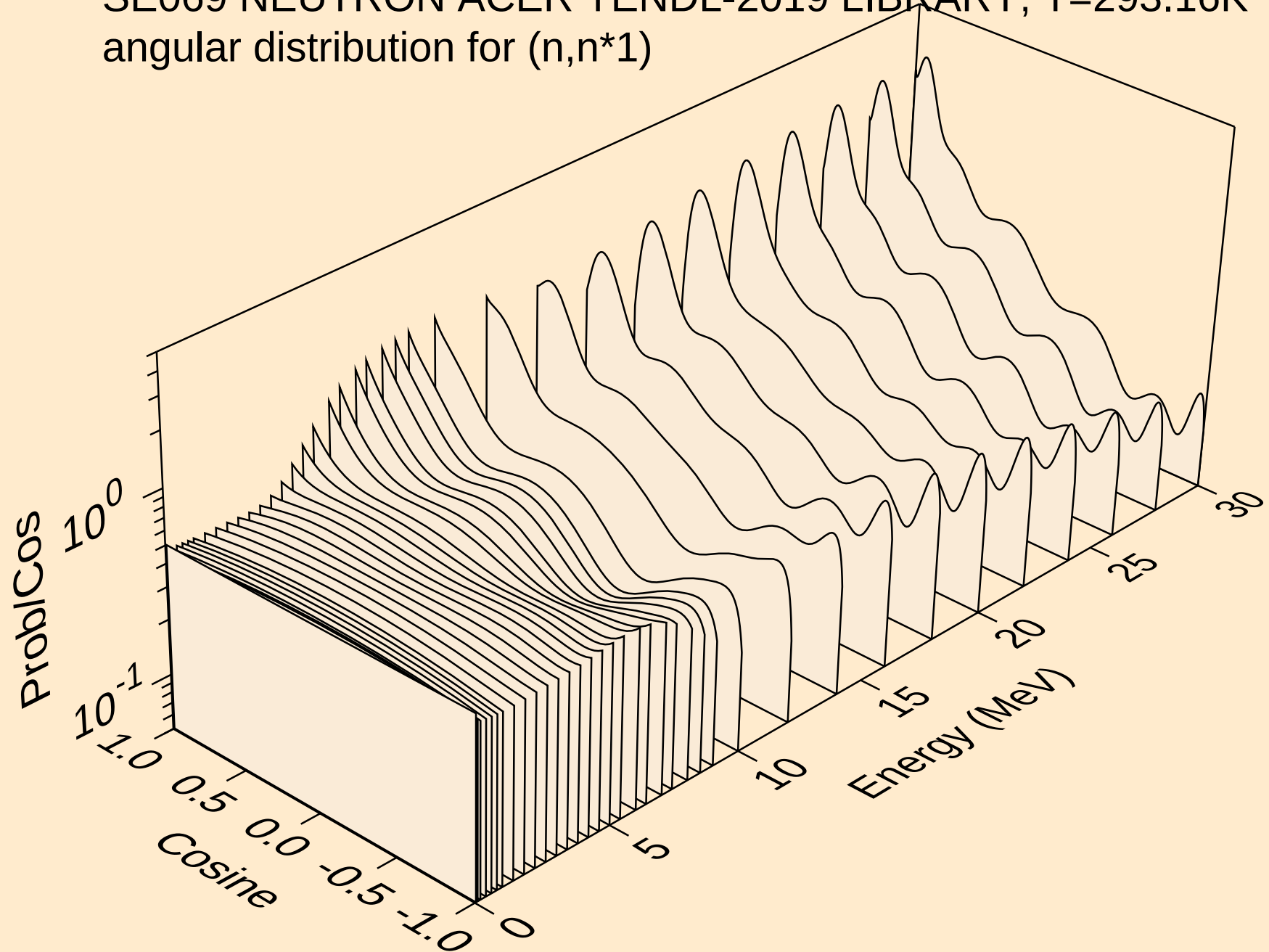
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



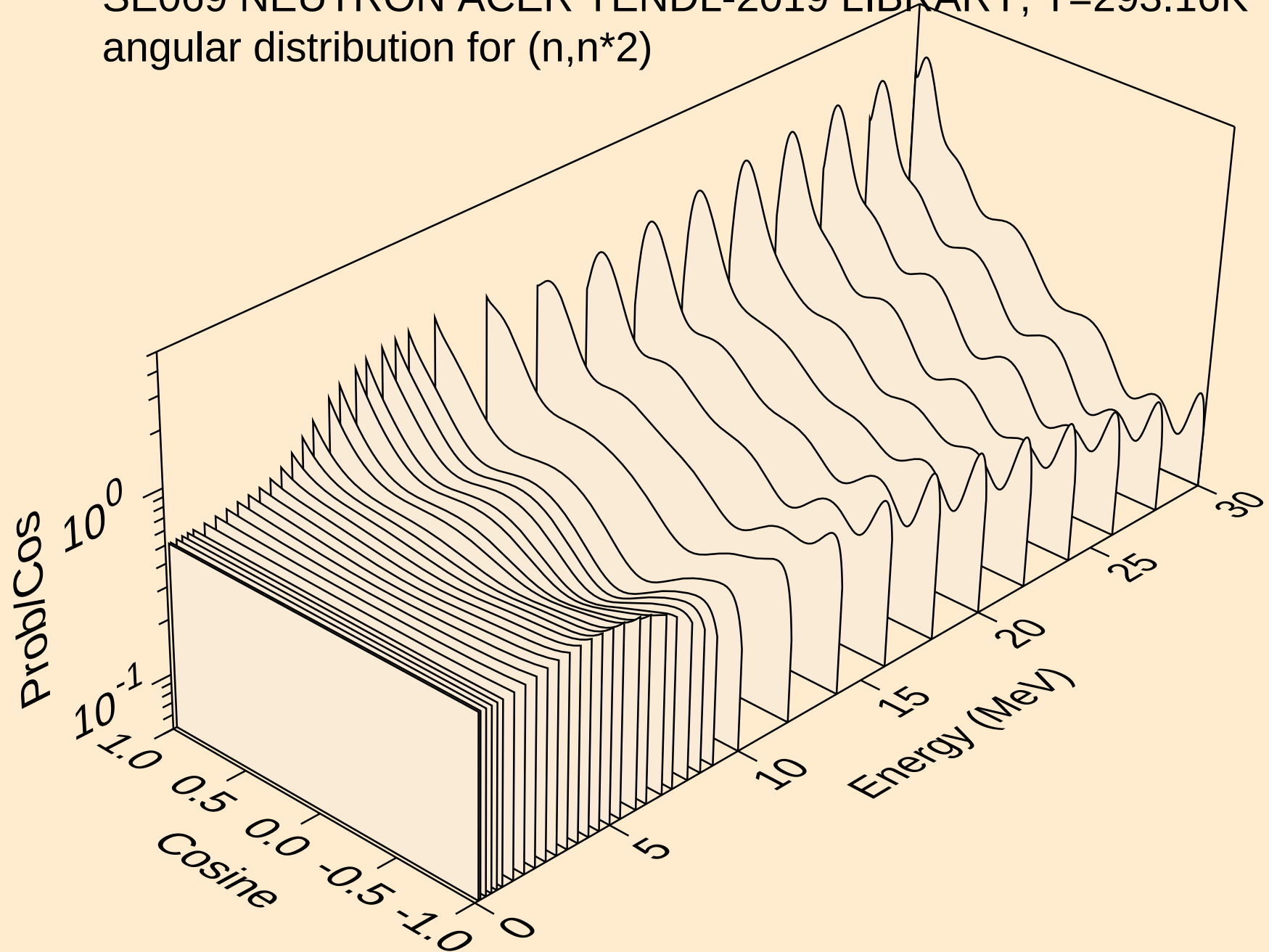
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angular distribution for elastic



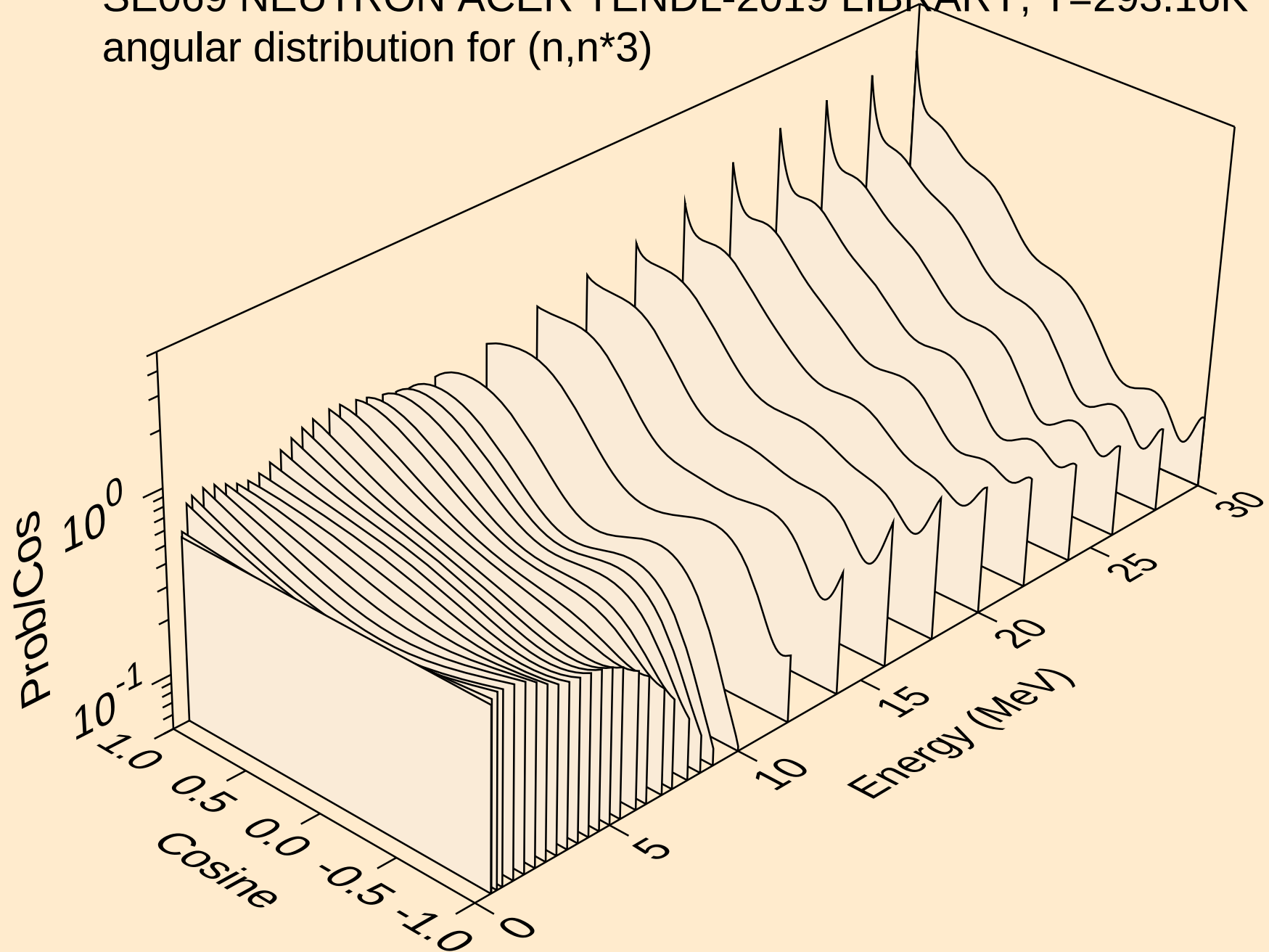
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



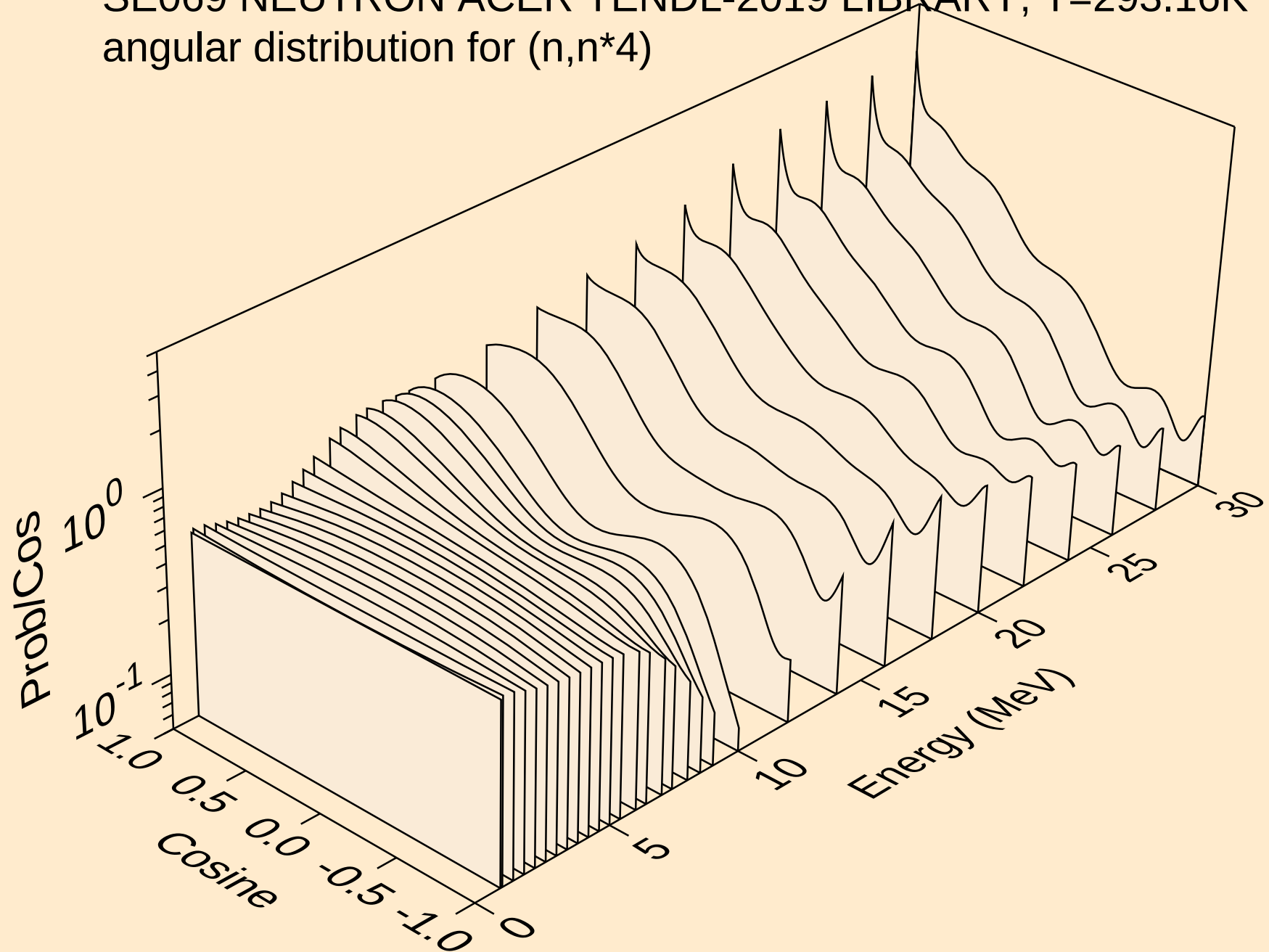
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angular distribution for (n,n*2)



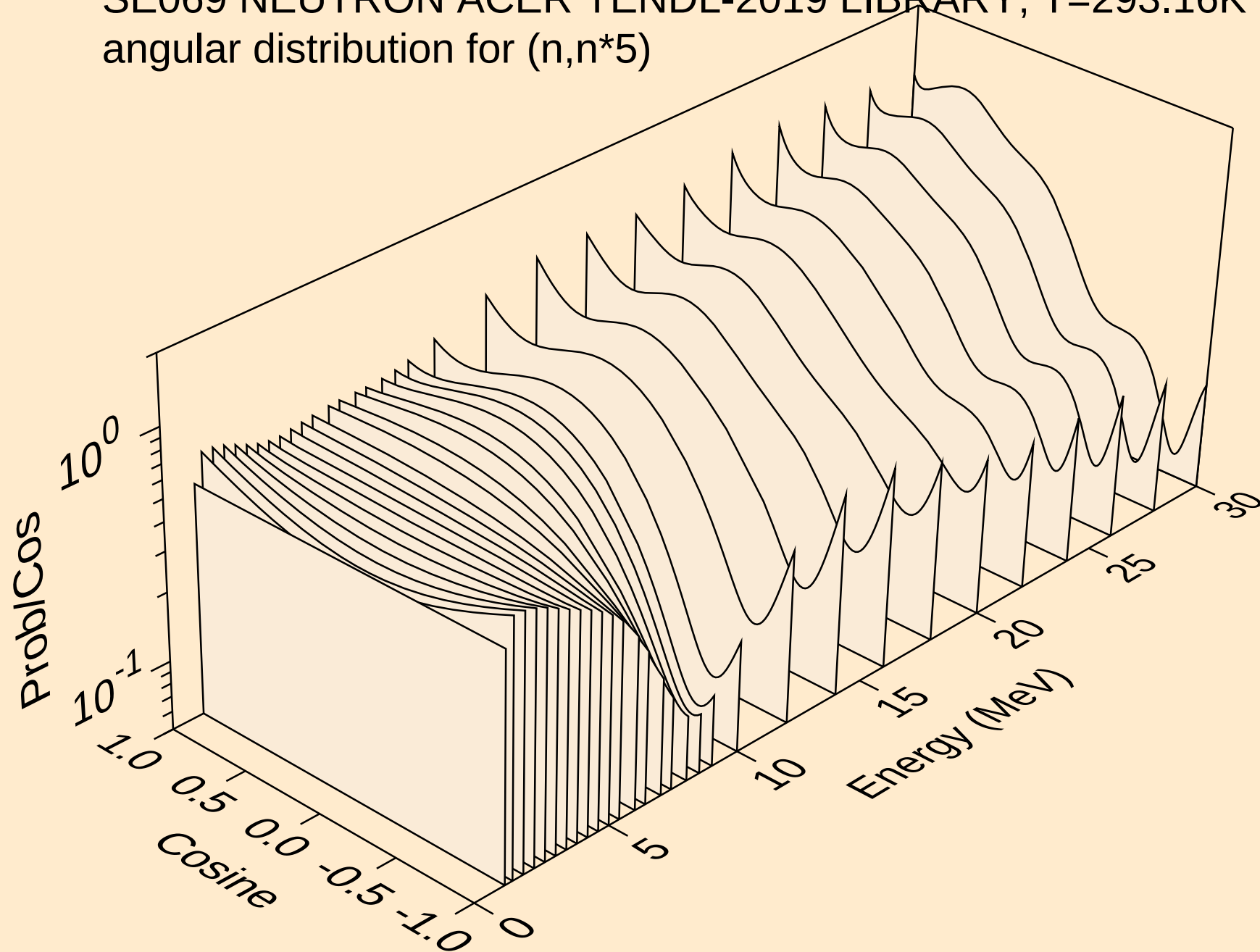
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angular distribution for (n,n*3)



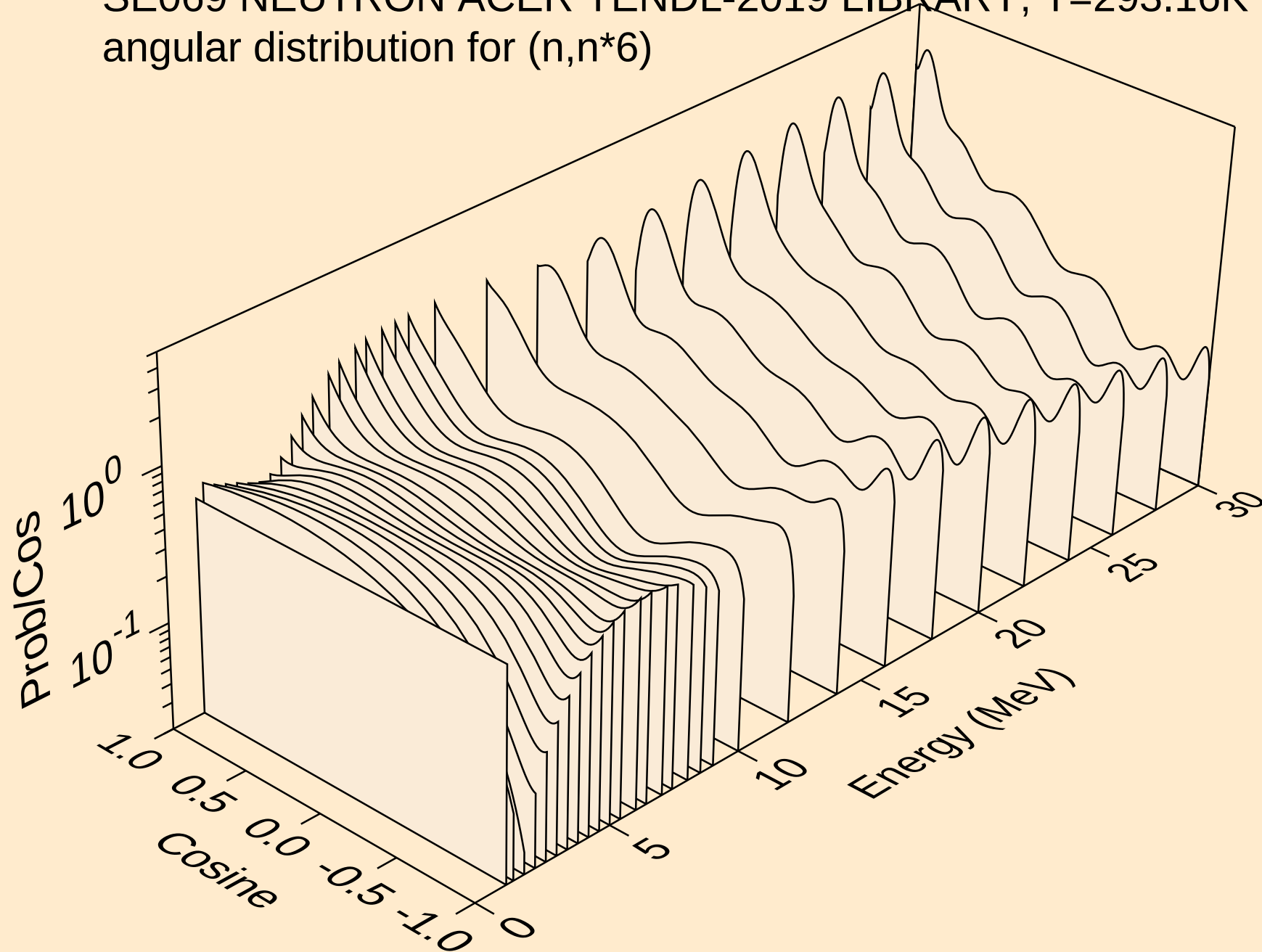
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



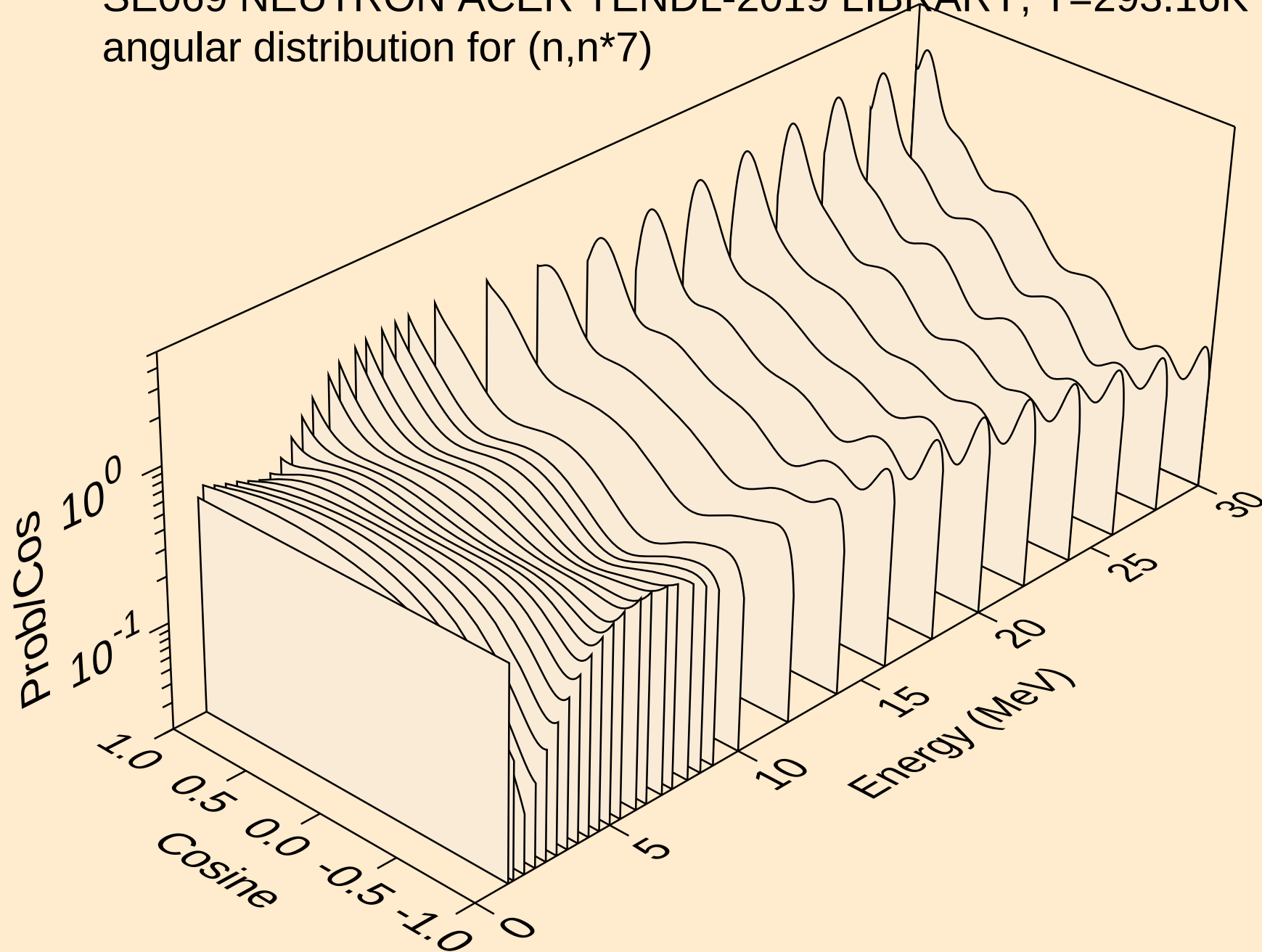
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



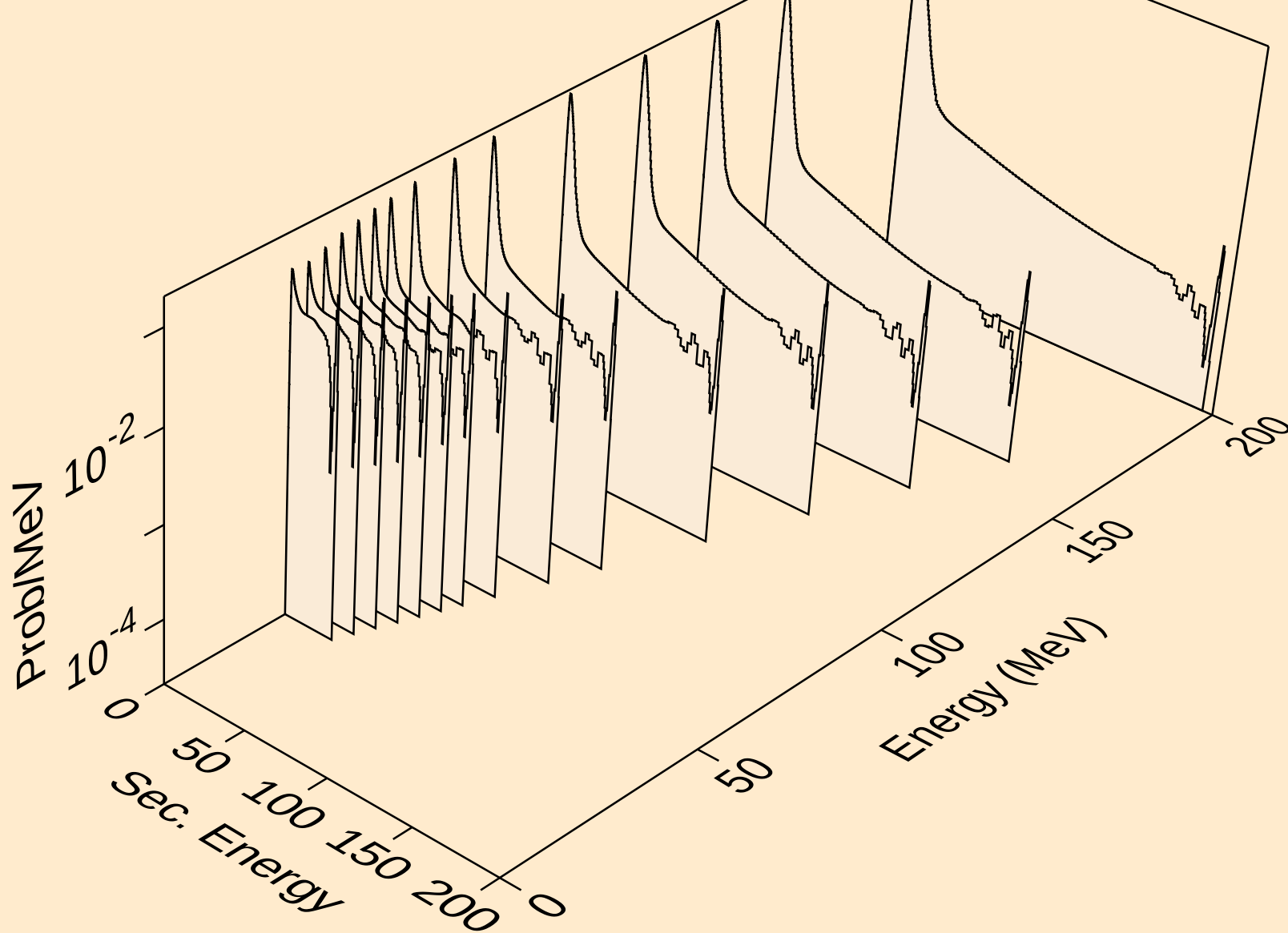
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



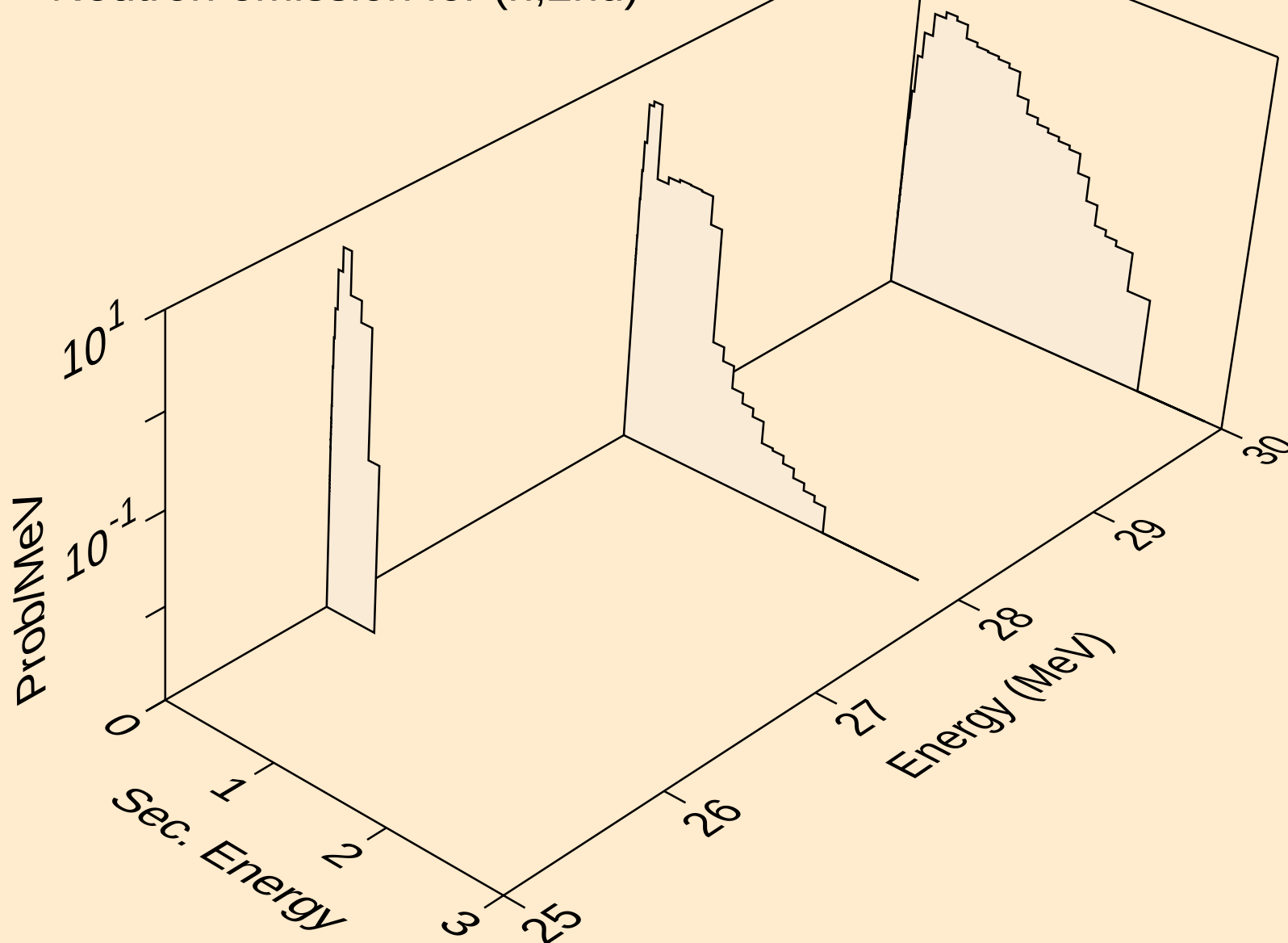
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angular distribution for (n,n*7)



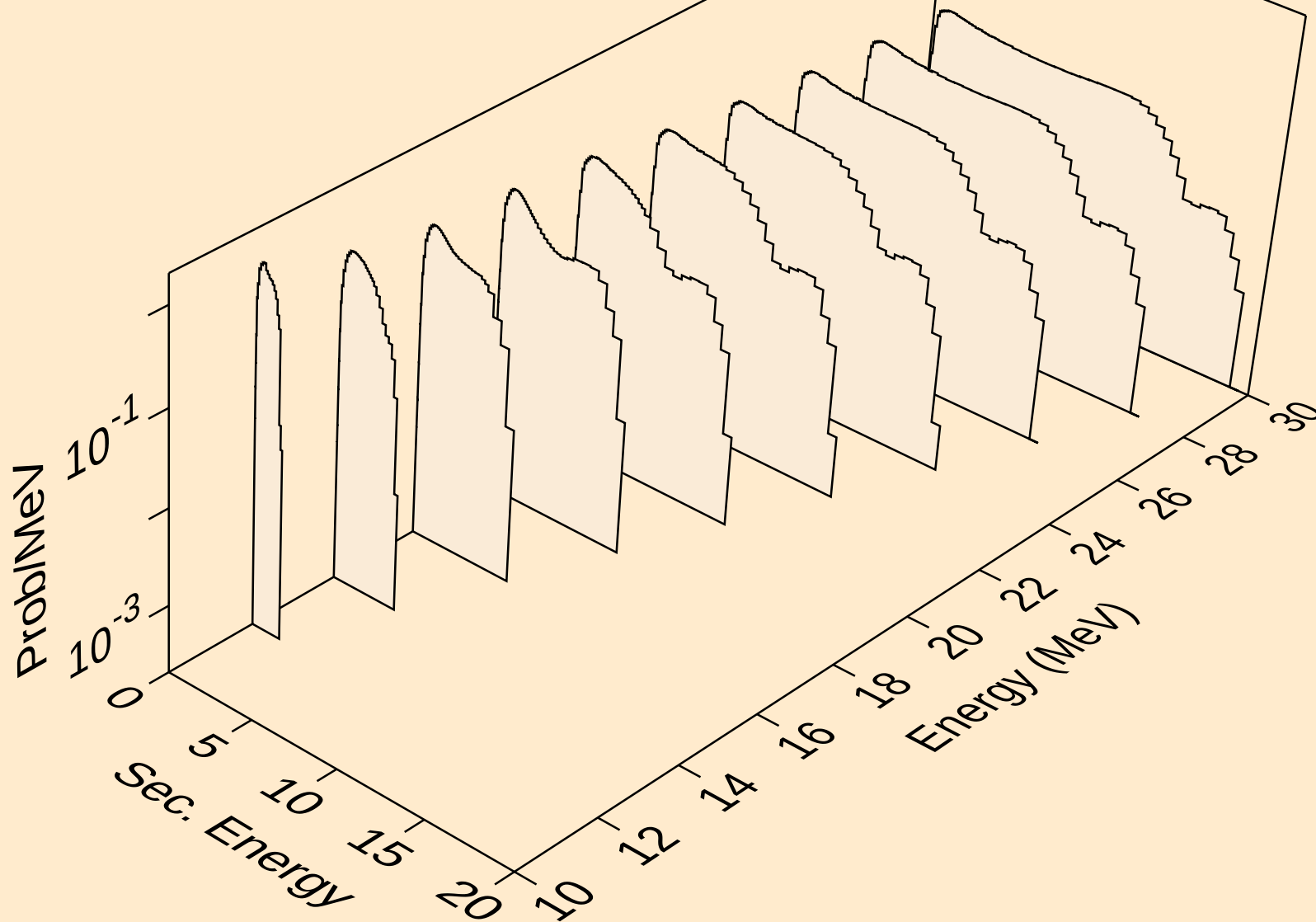
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



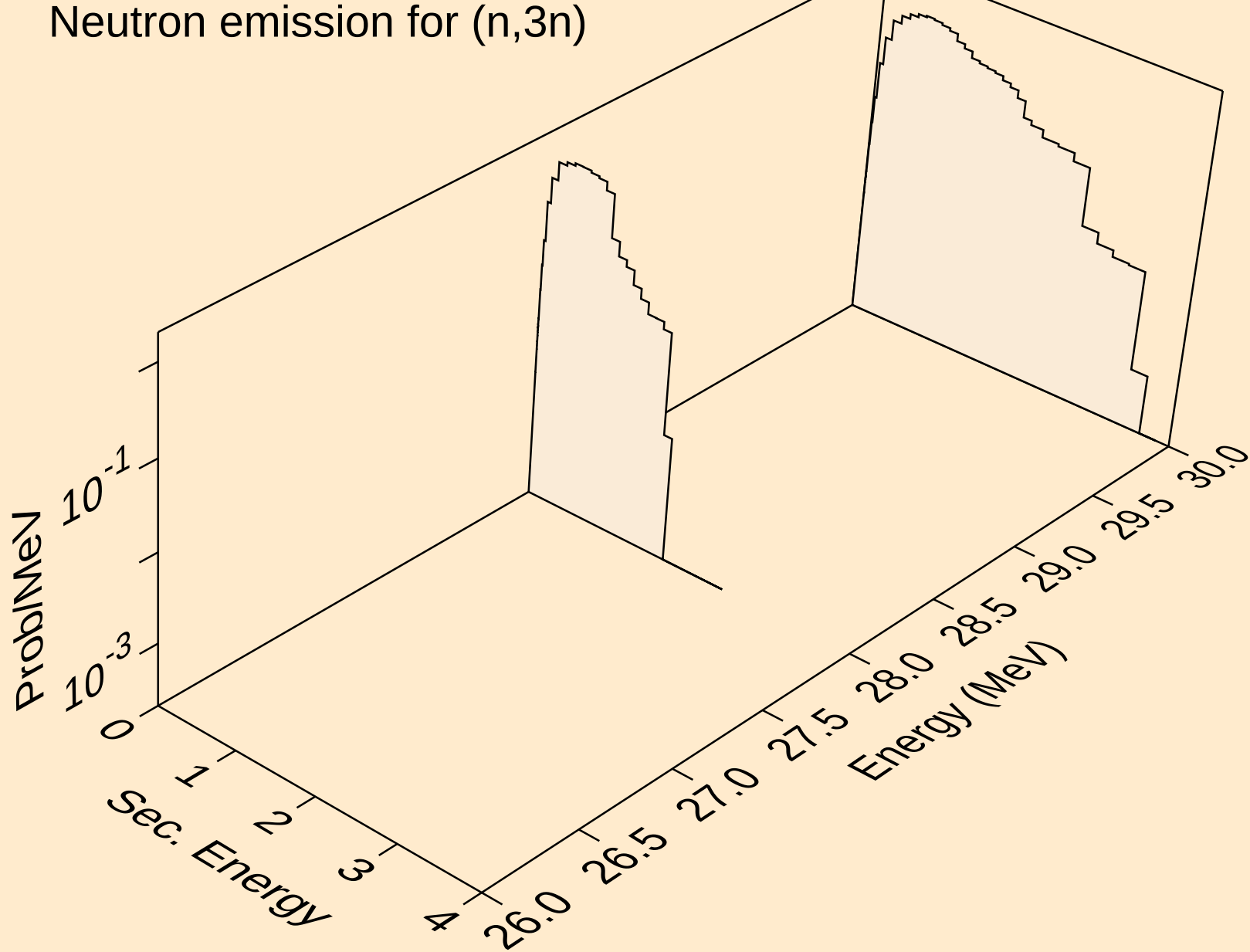
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



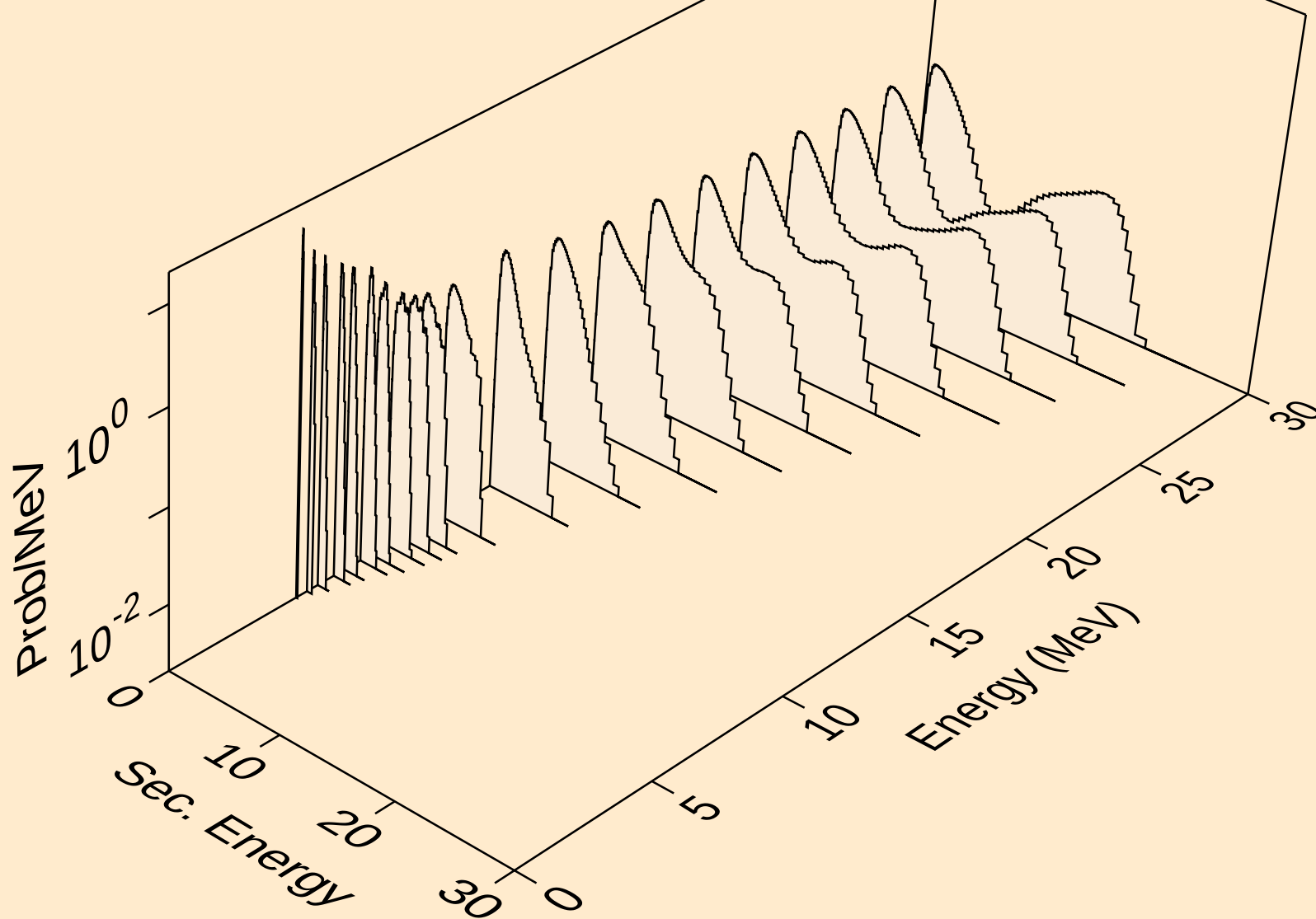
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Neutron emission for (n,2n)



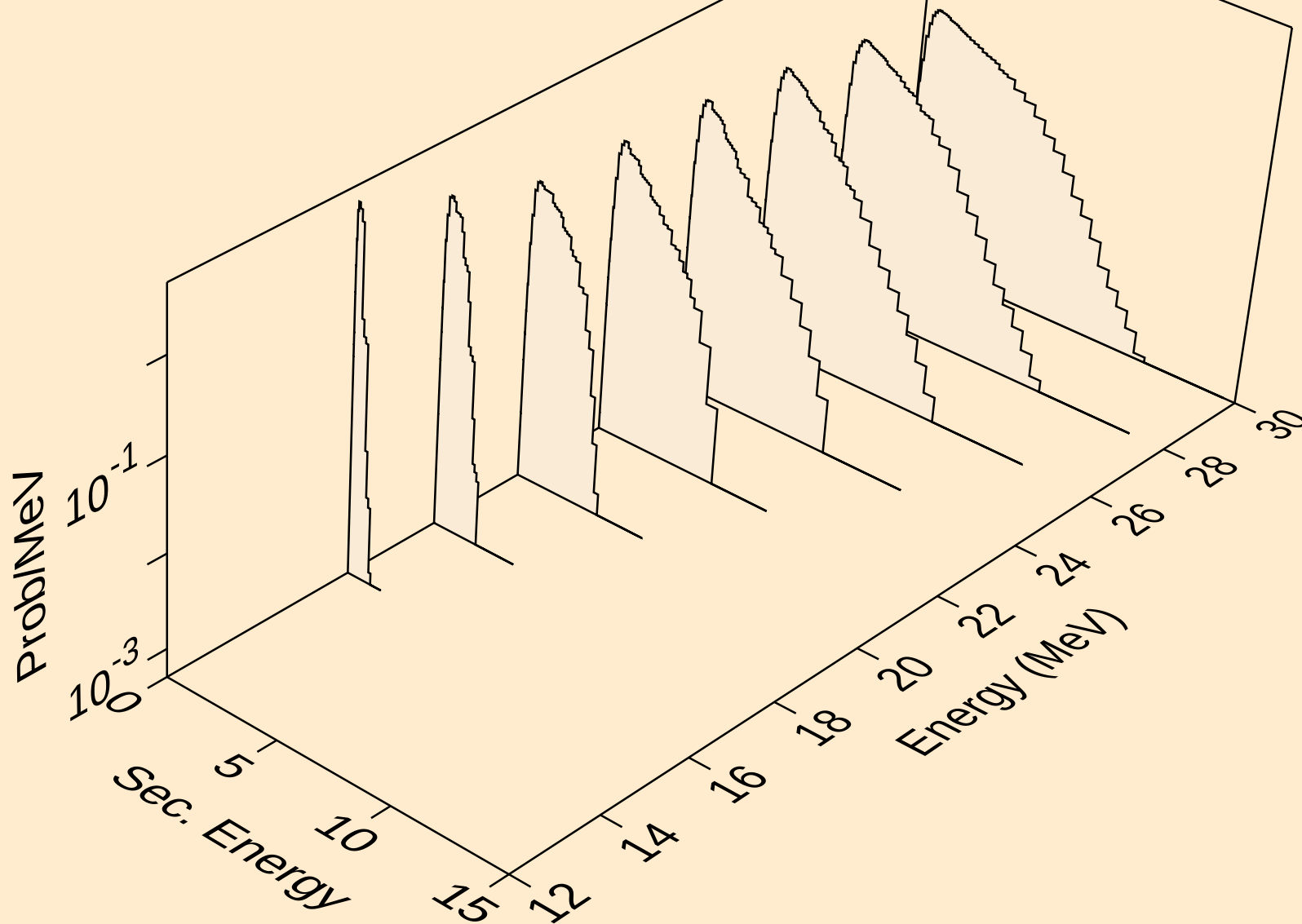
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Neutron emission for (n,3n)



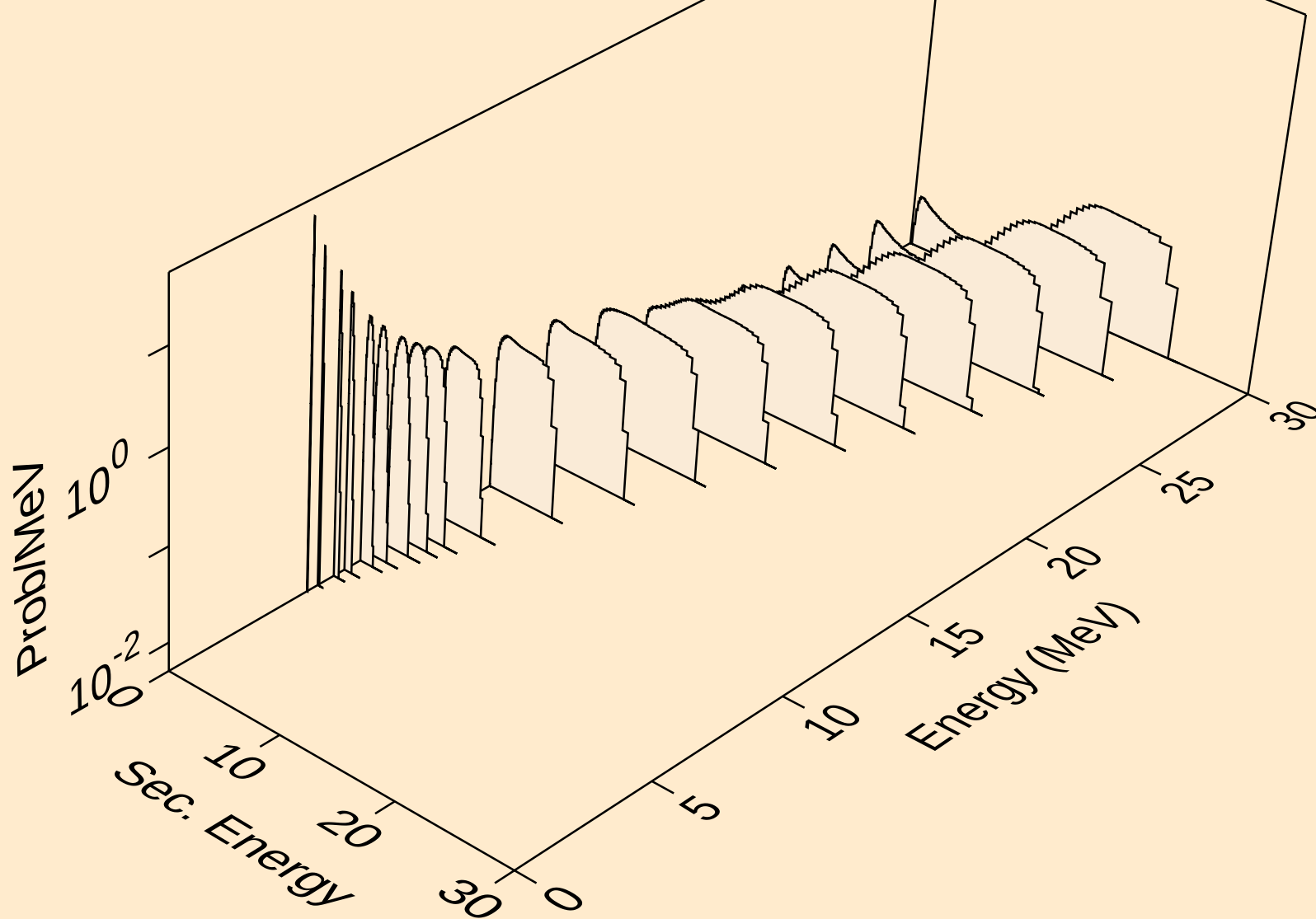
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Neutron emission for (n,n*)a



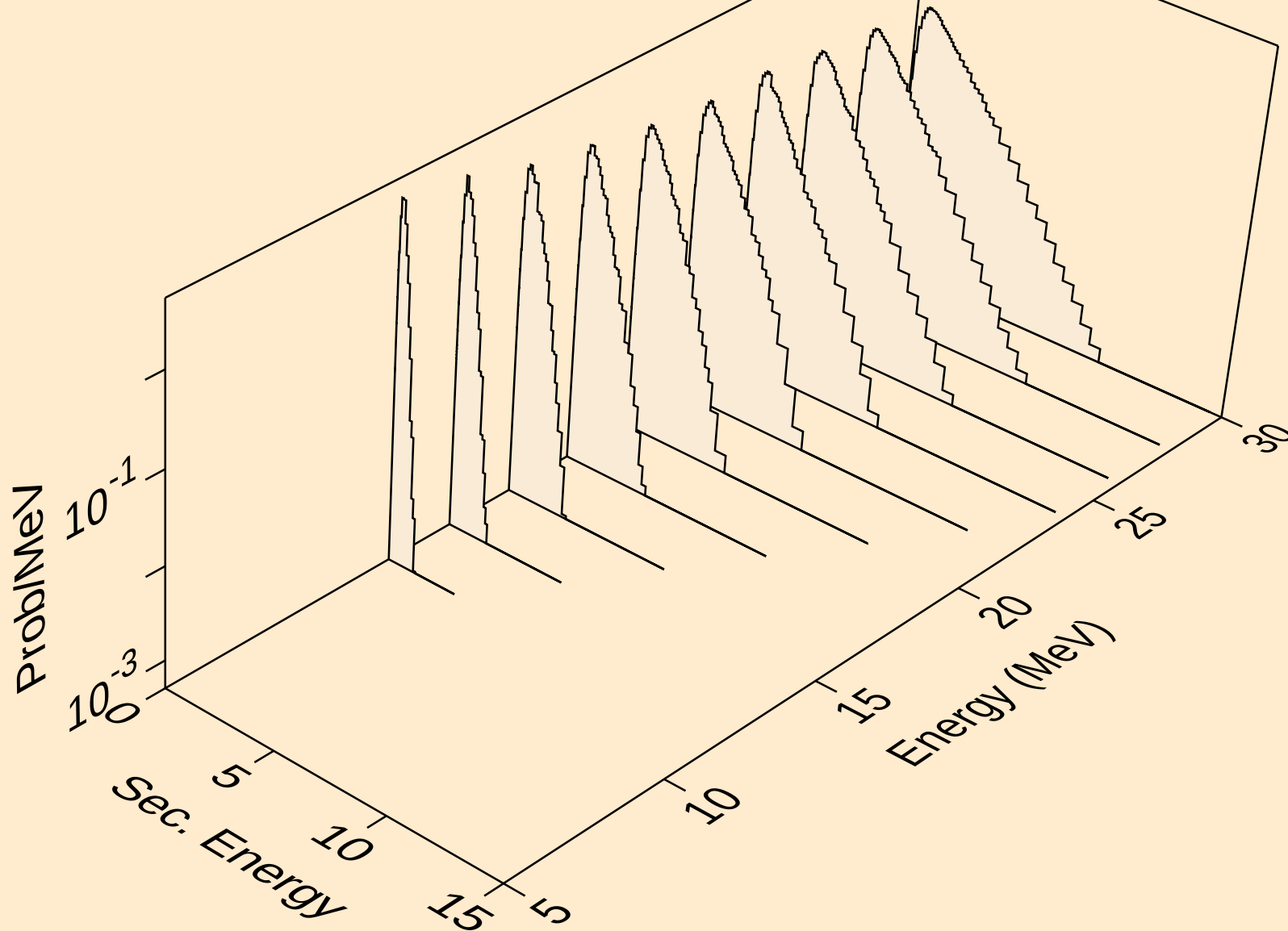
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Neutron emission for (n,2n)_a



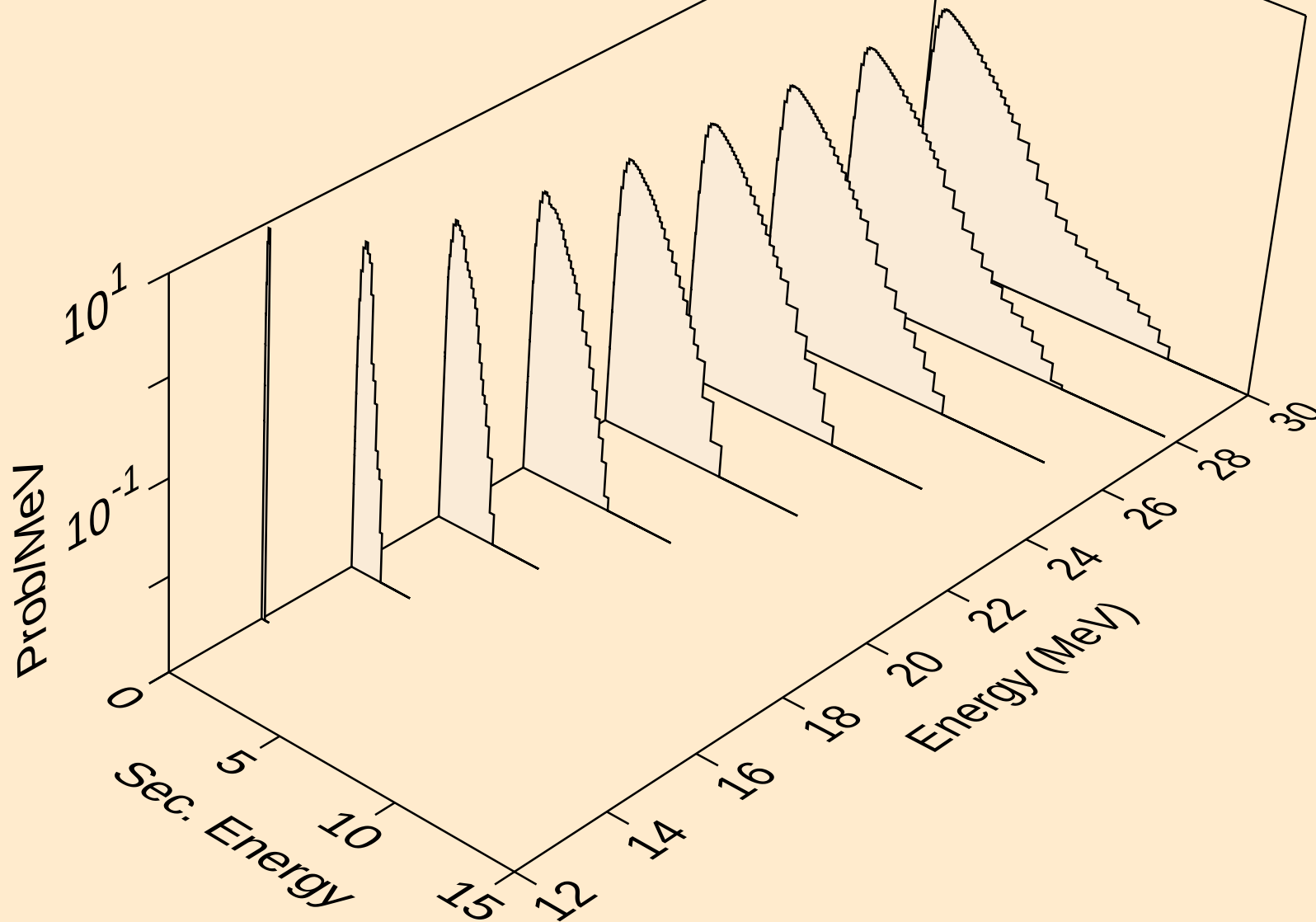
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Neutron emission for (n,n*)p



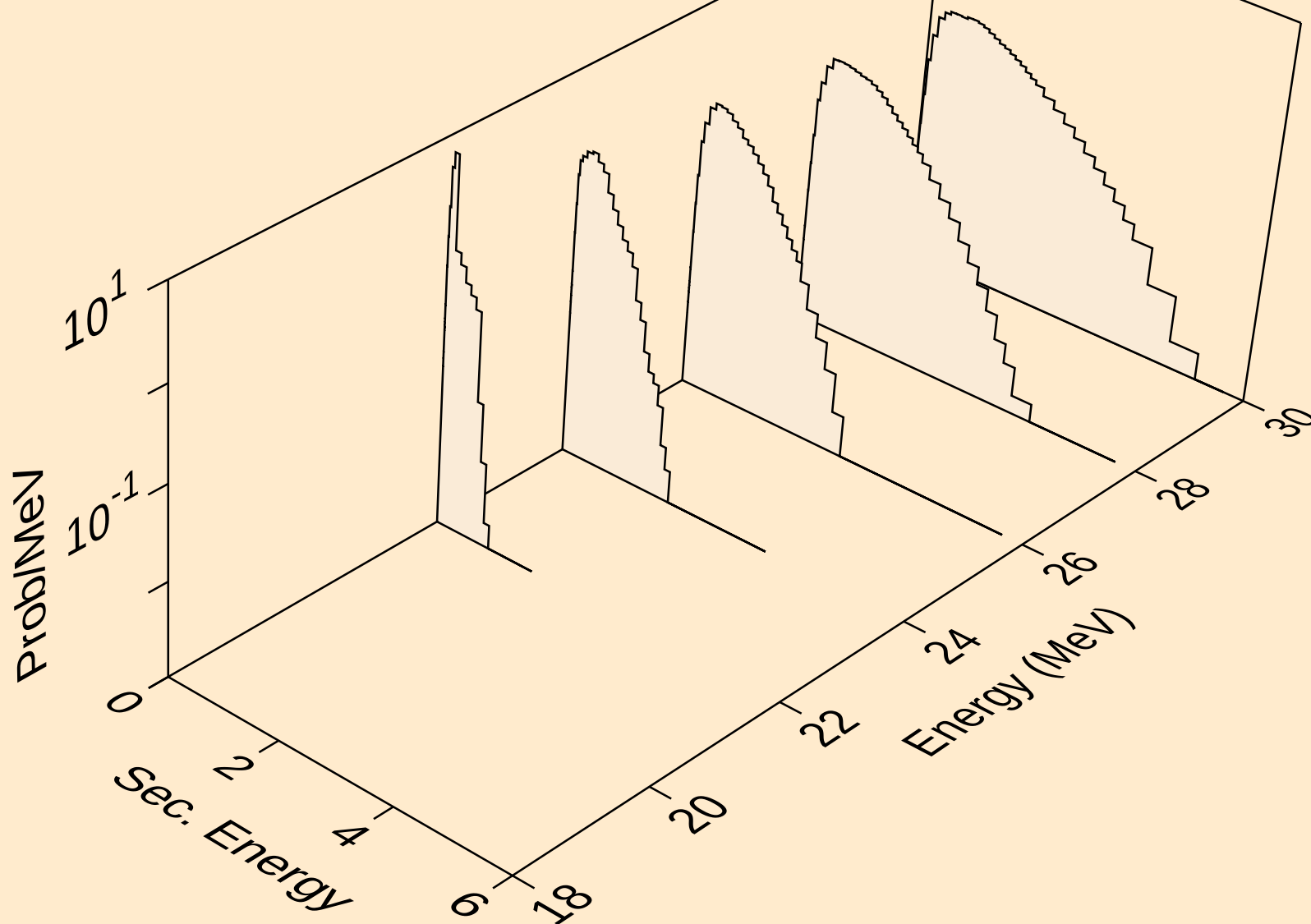
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Neutron emission for (n,n*)2a



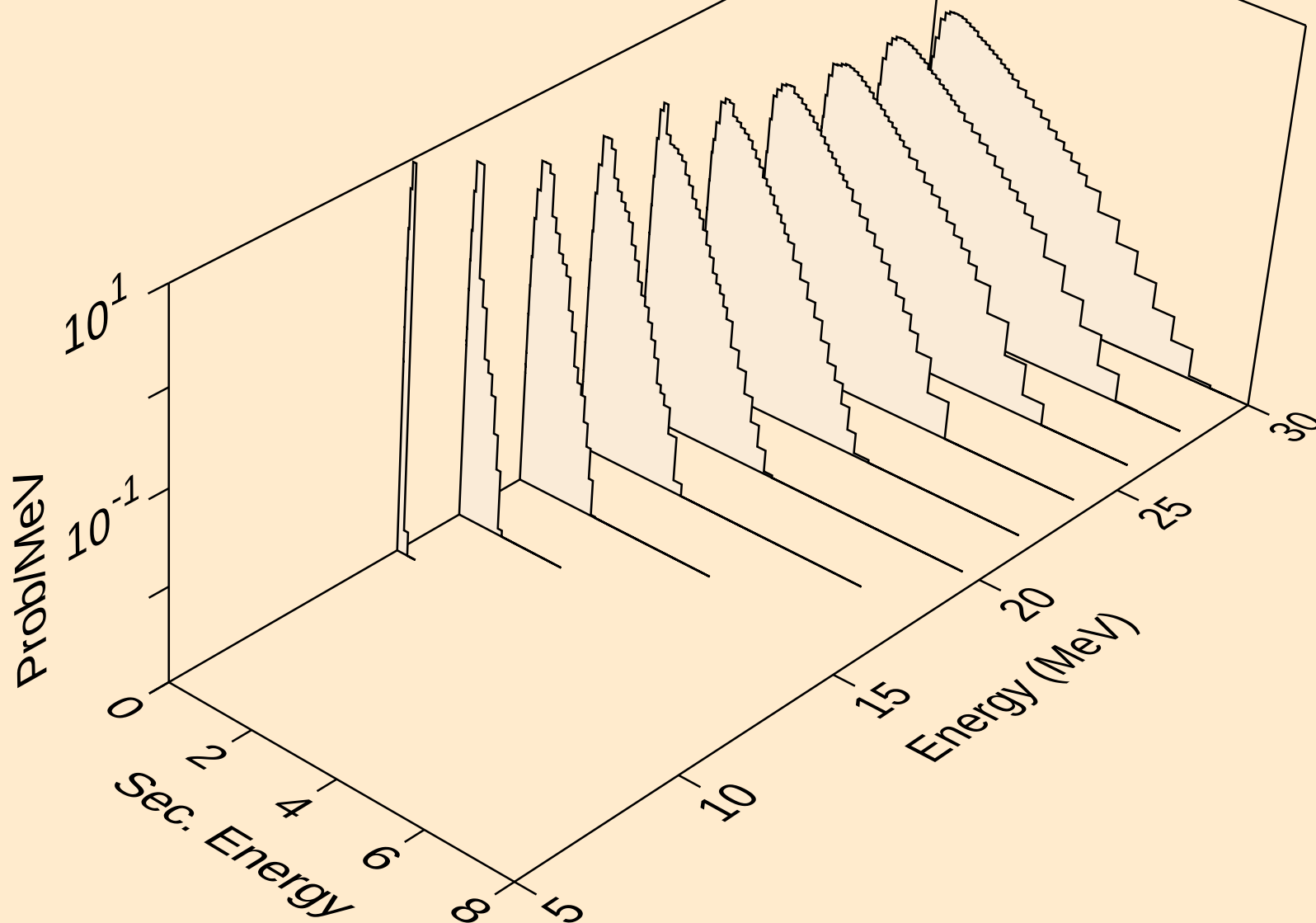
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



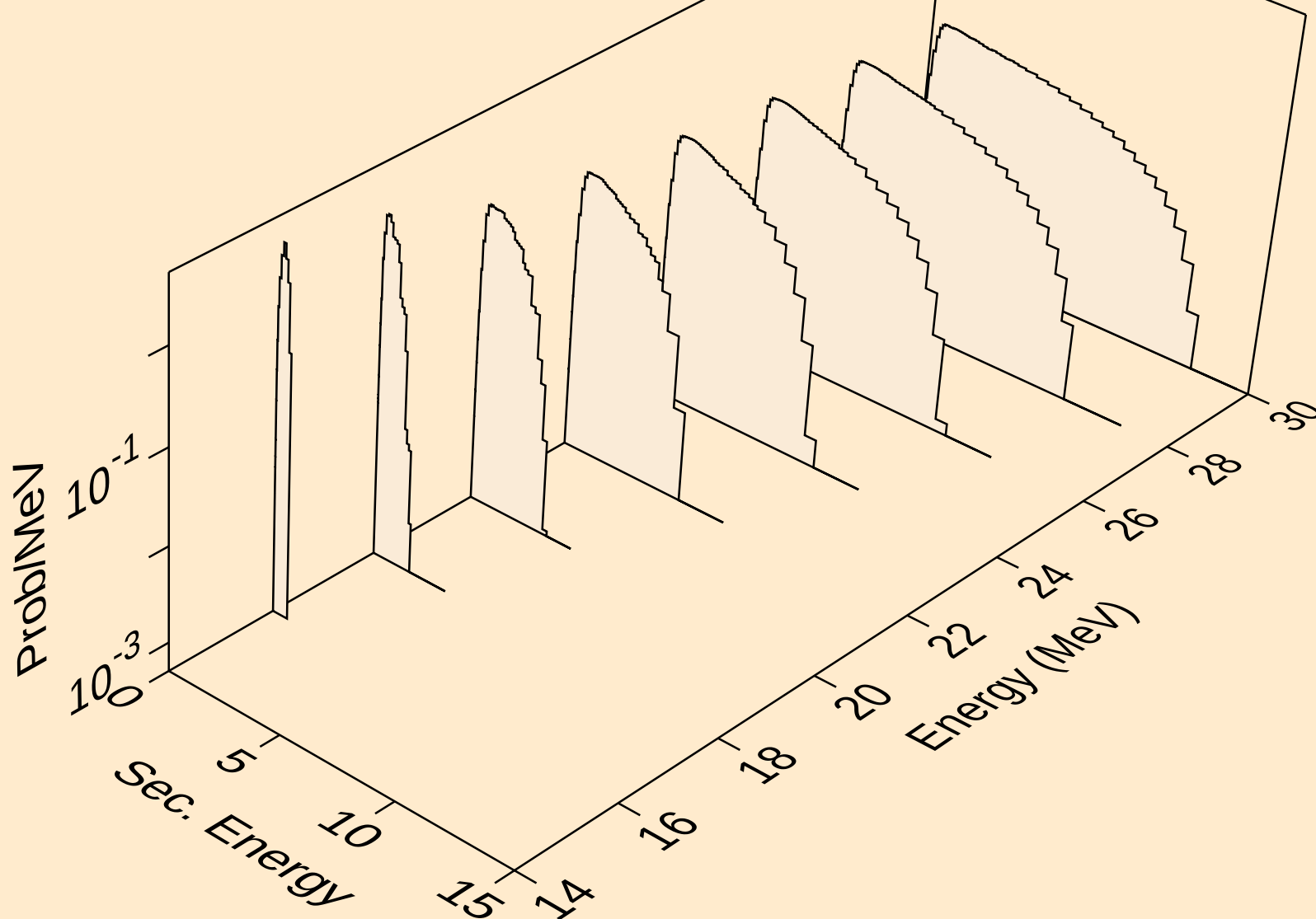
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



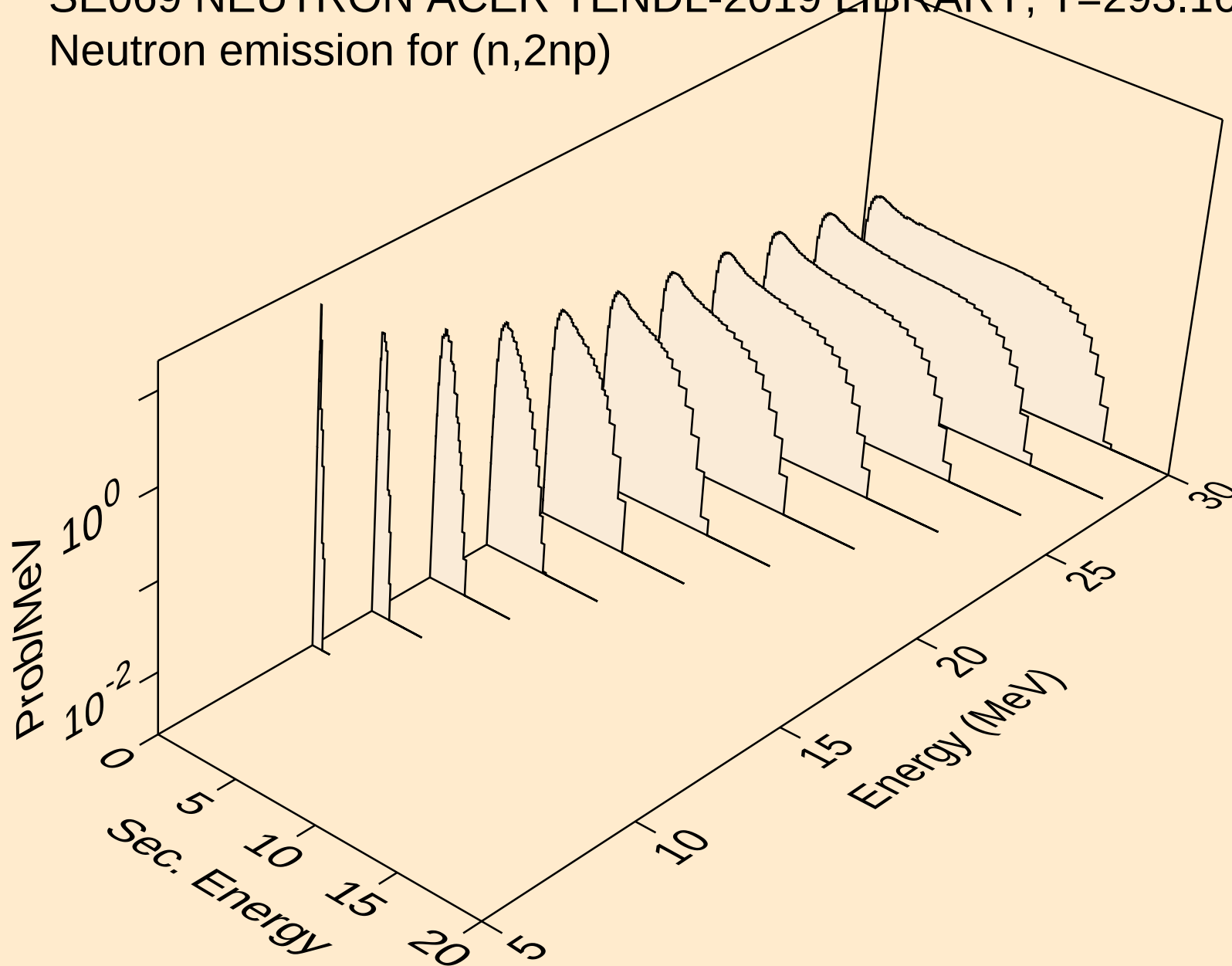
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



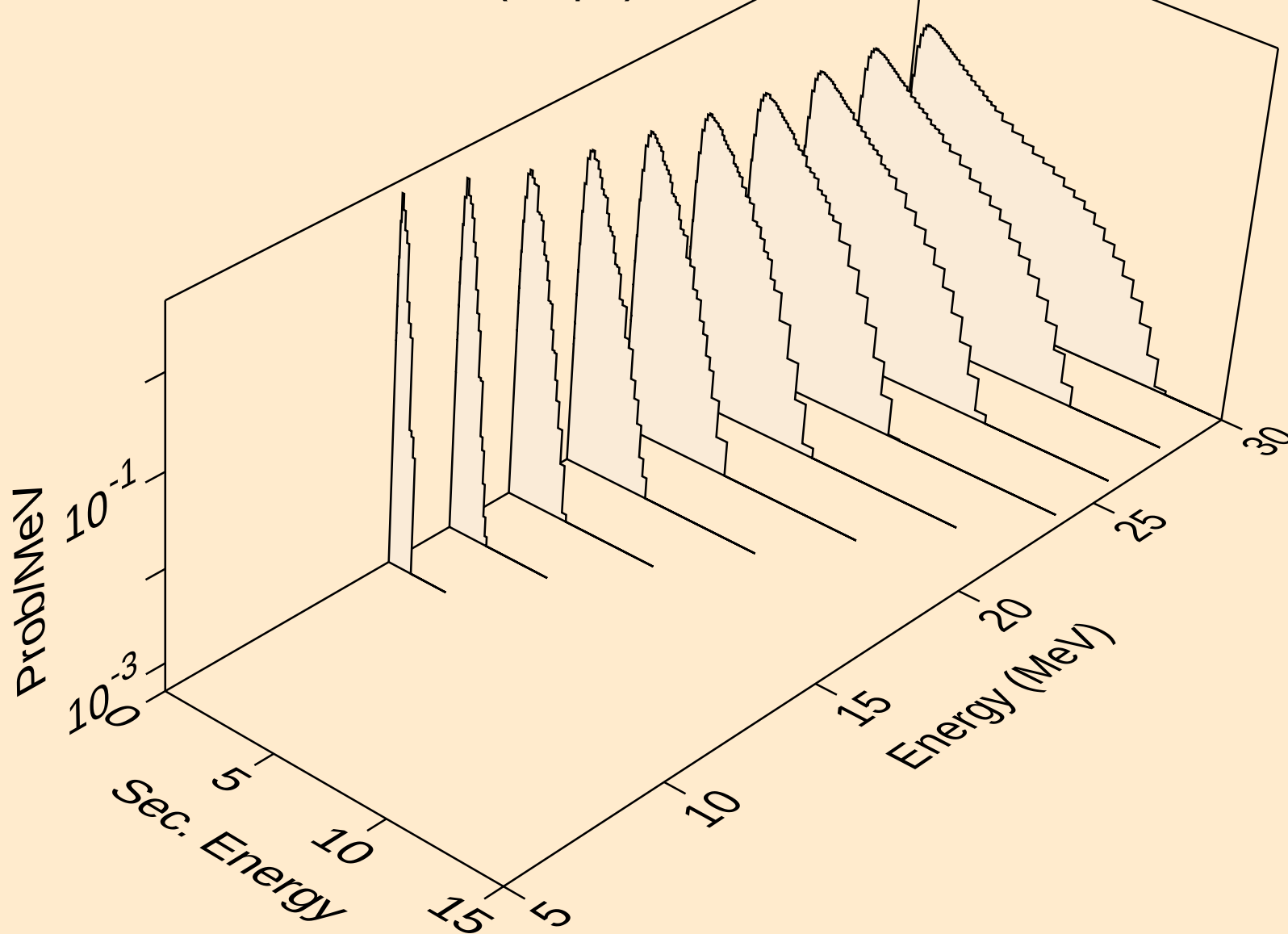
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



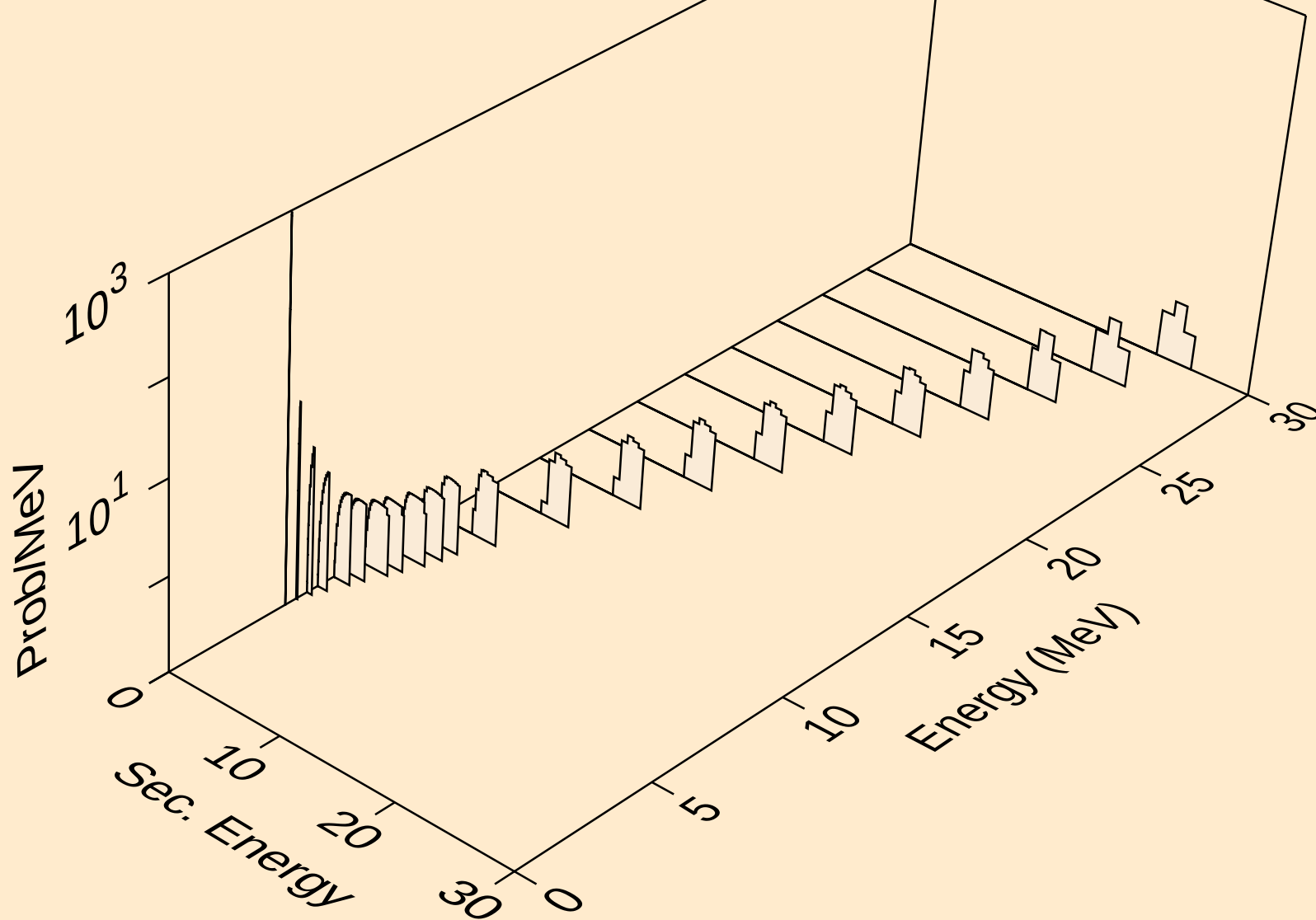
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Neutron emission for (n,2np)



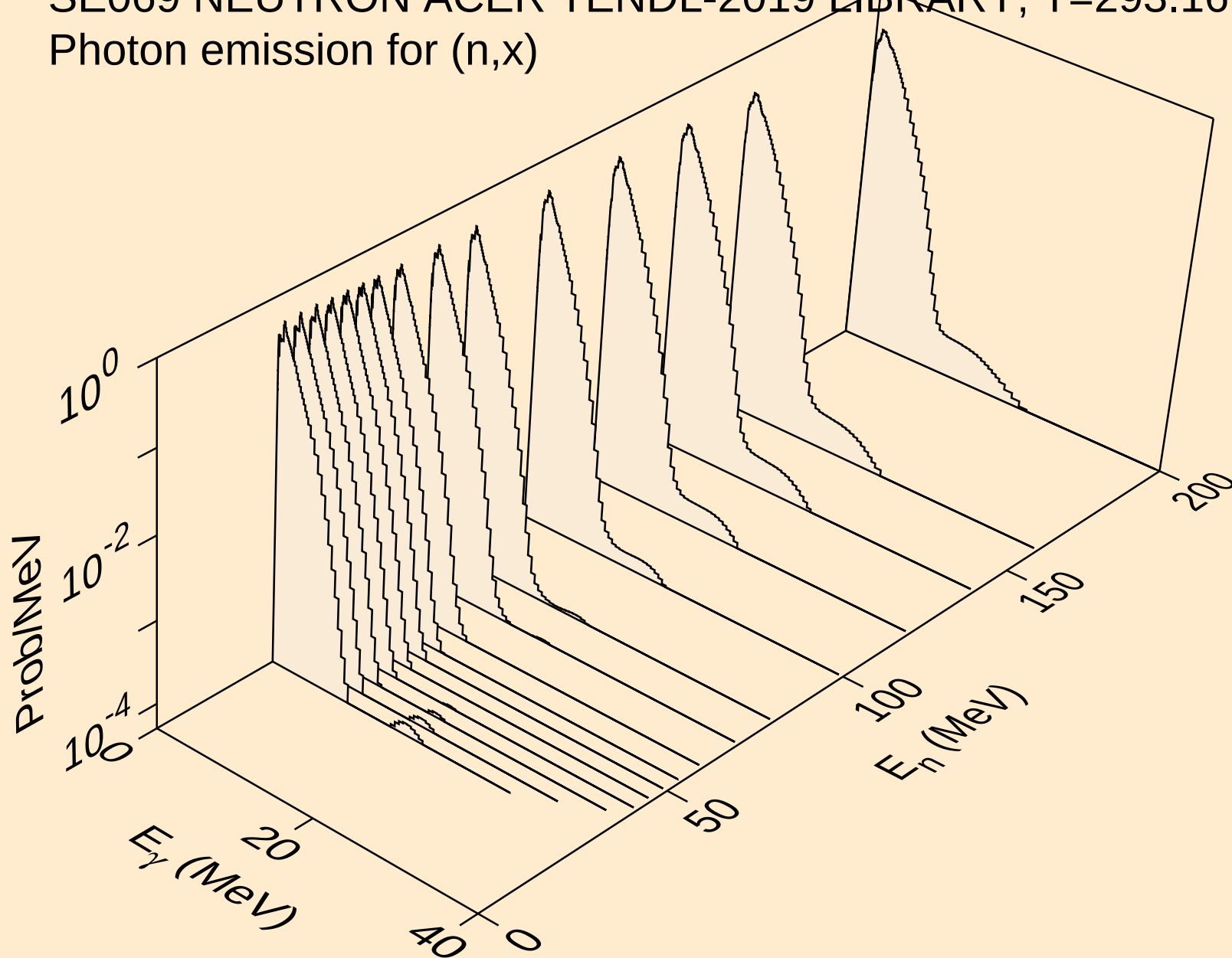
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Neutron emission for (n,npa)



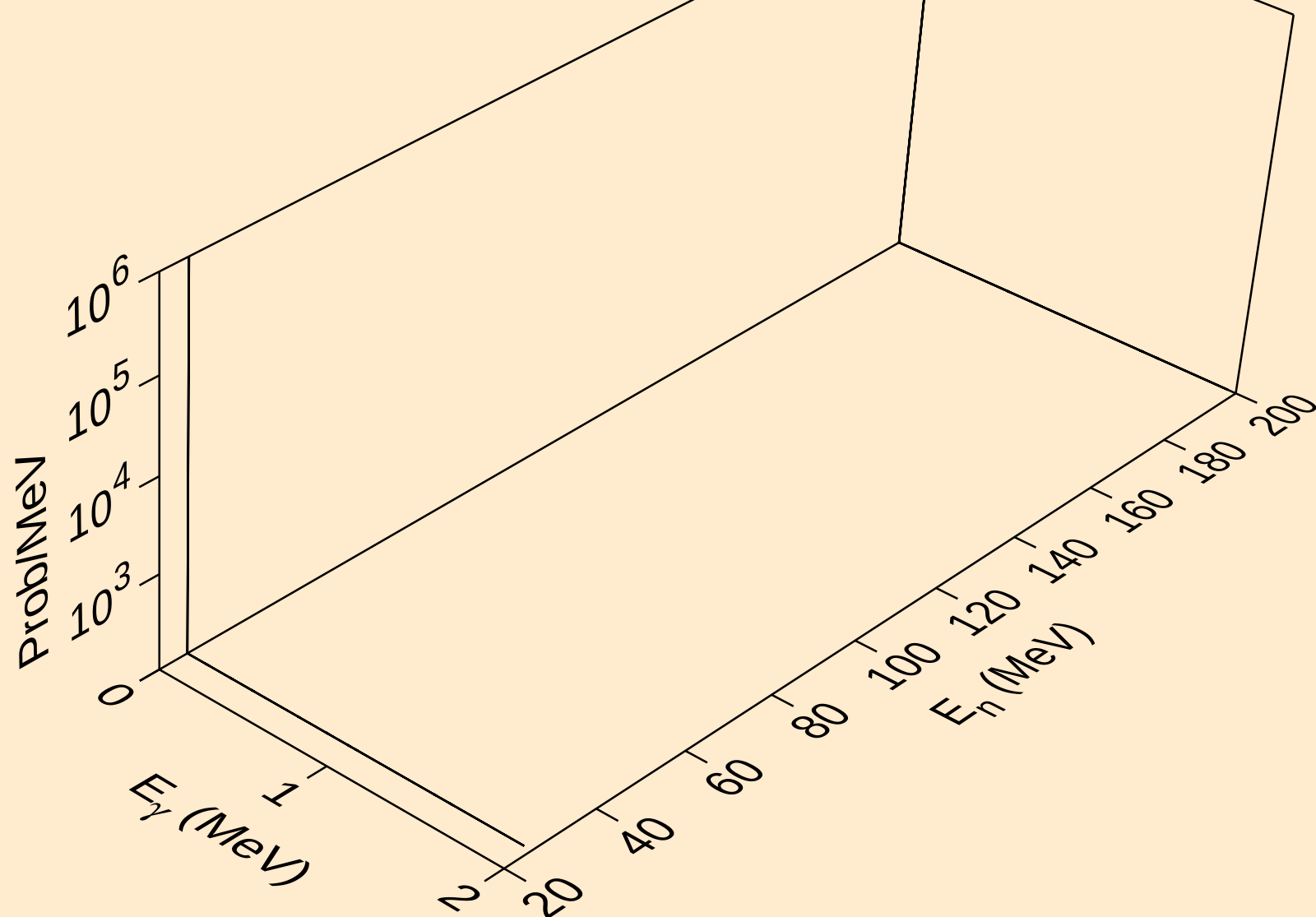
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Neutron emission for (n,n*c)



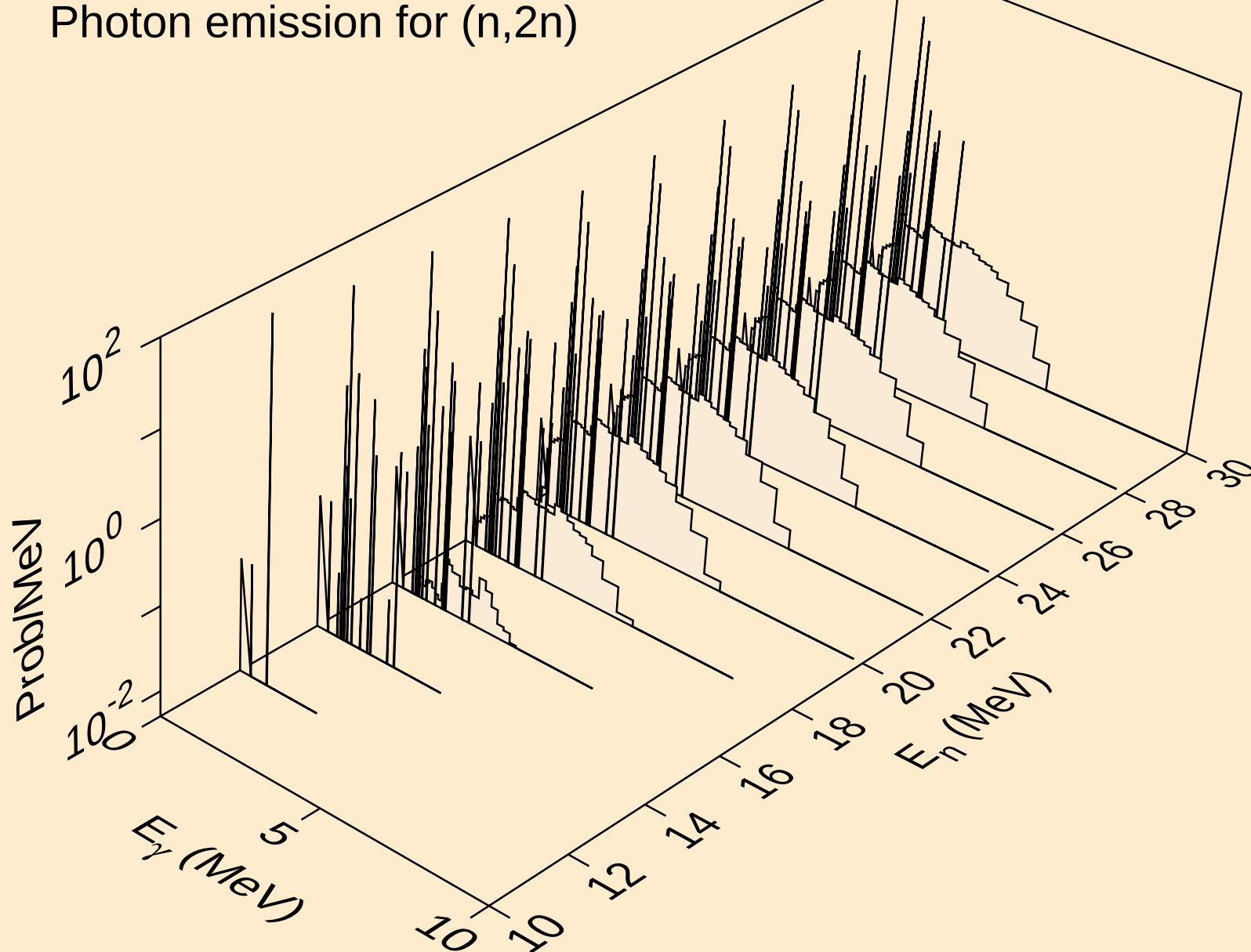
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



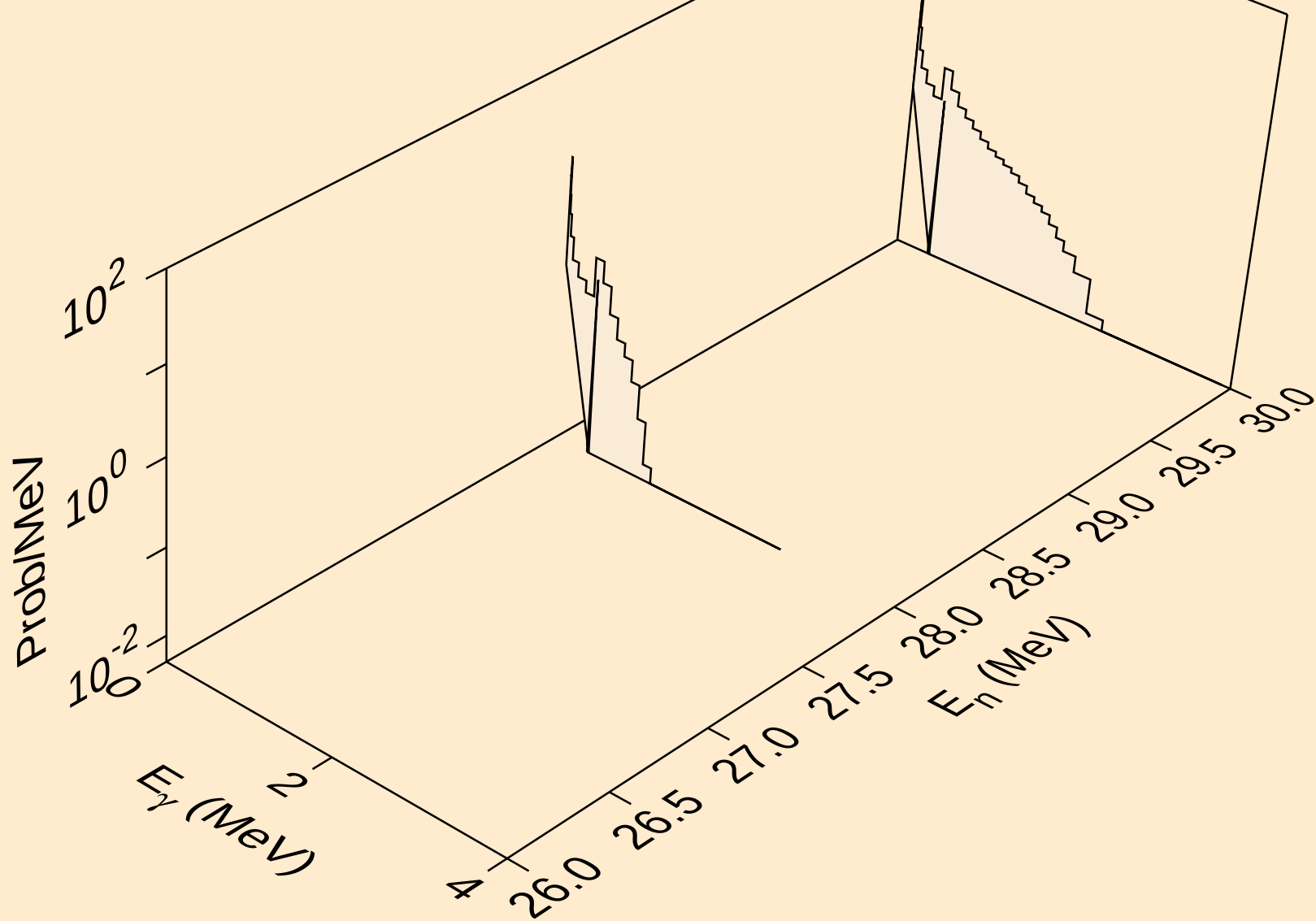
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Photon emission for (n,2nd)



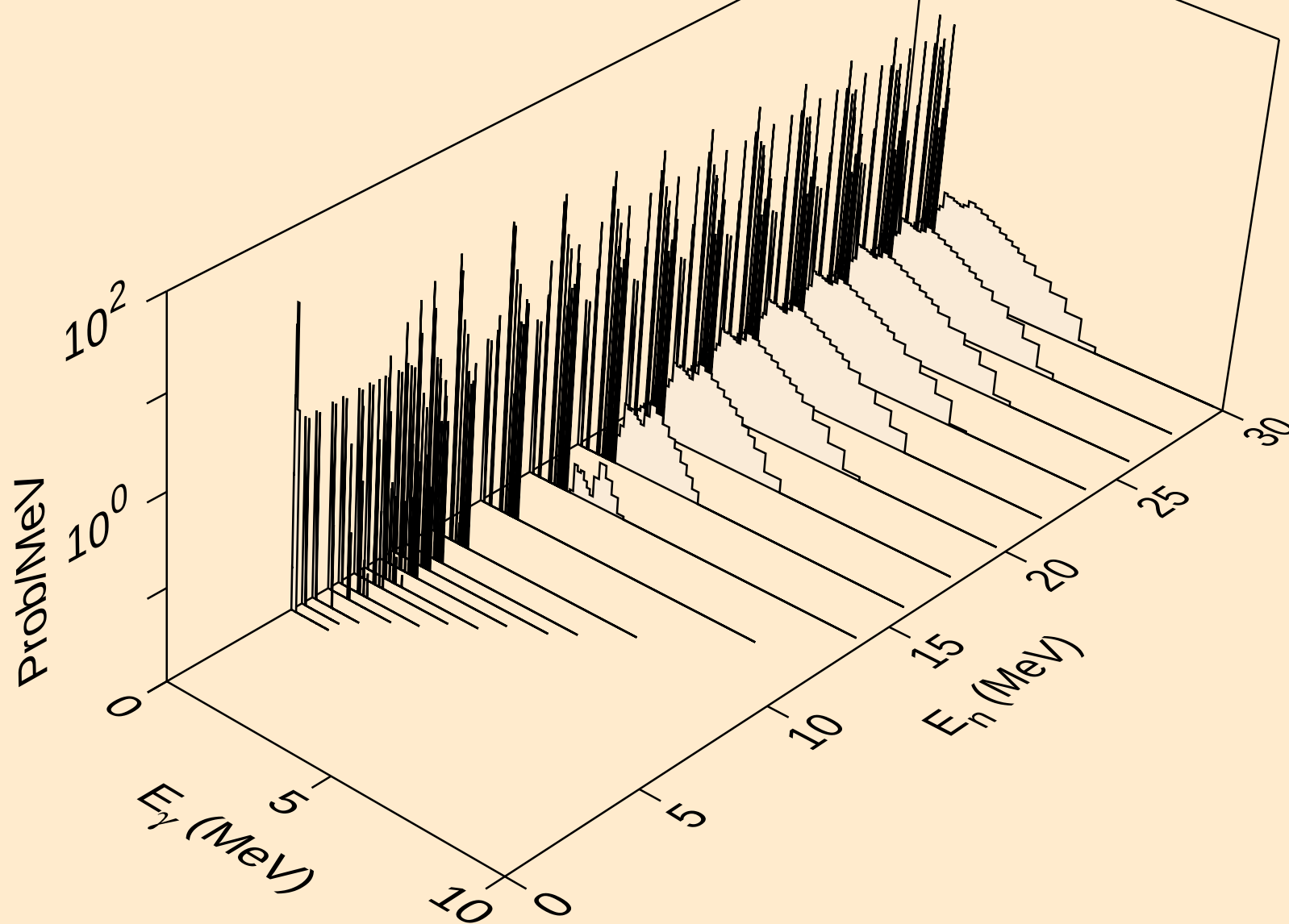
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Photon emission for (n,2n)



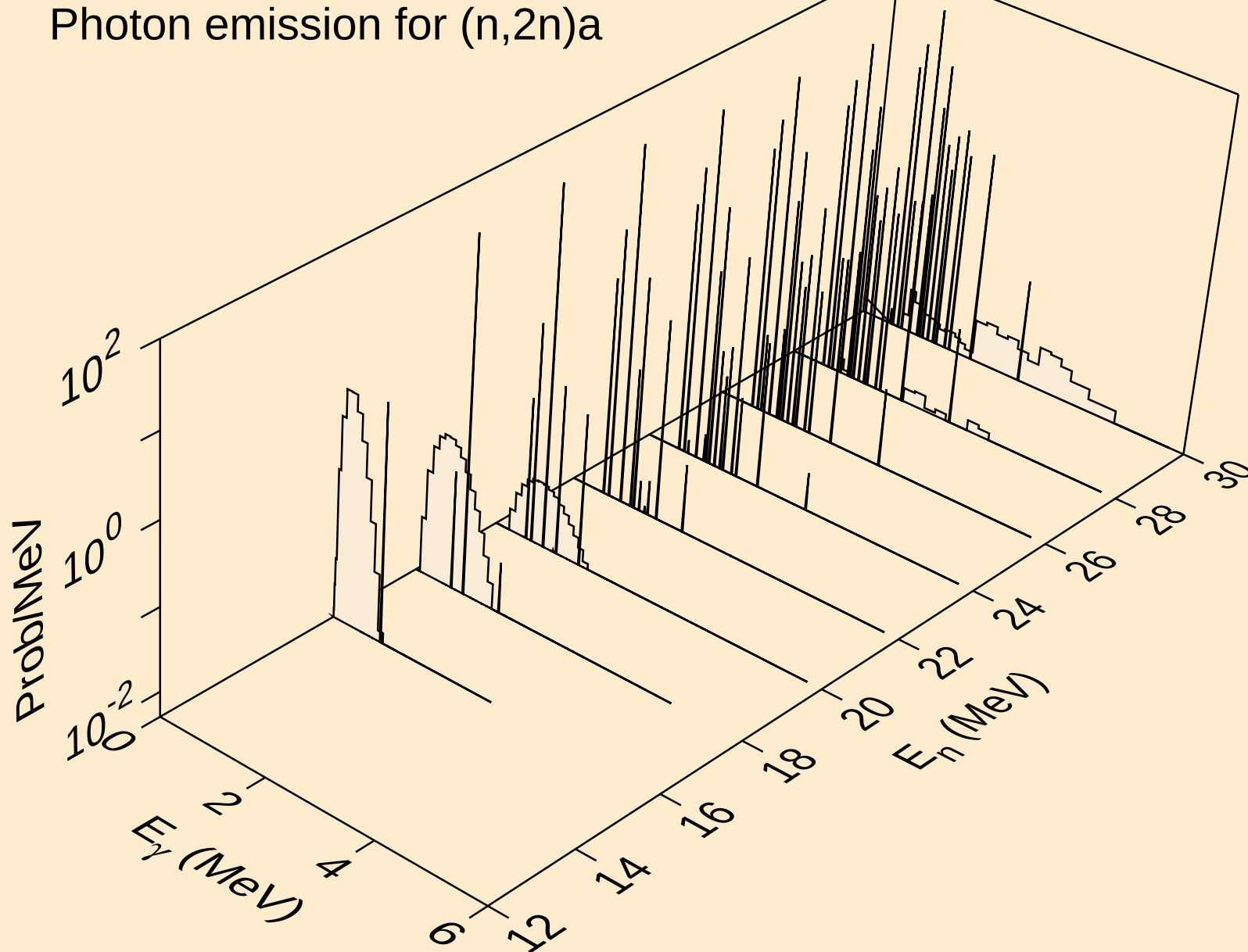
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Photon emission for (n,3n)



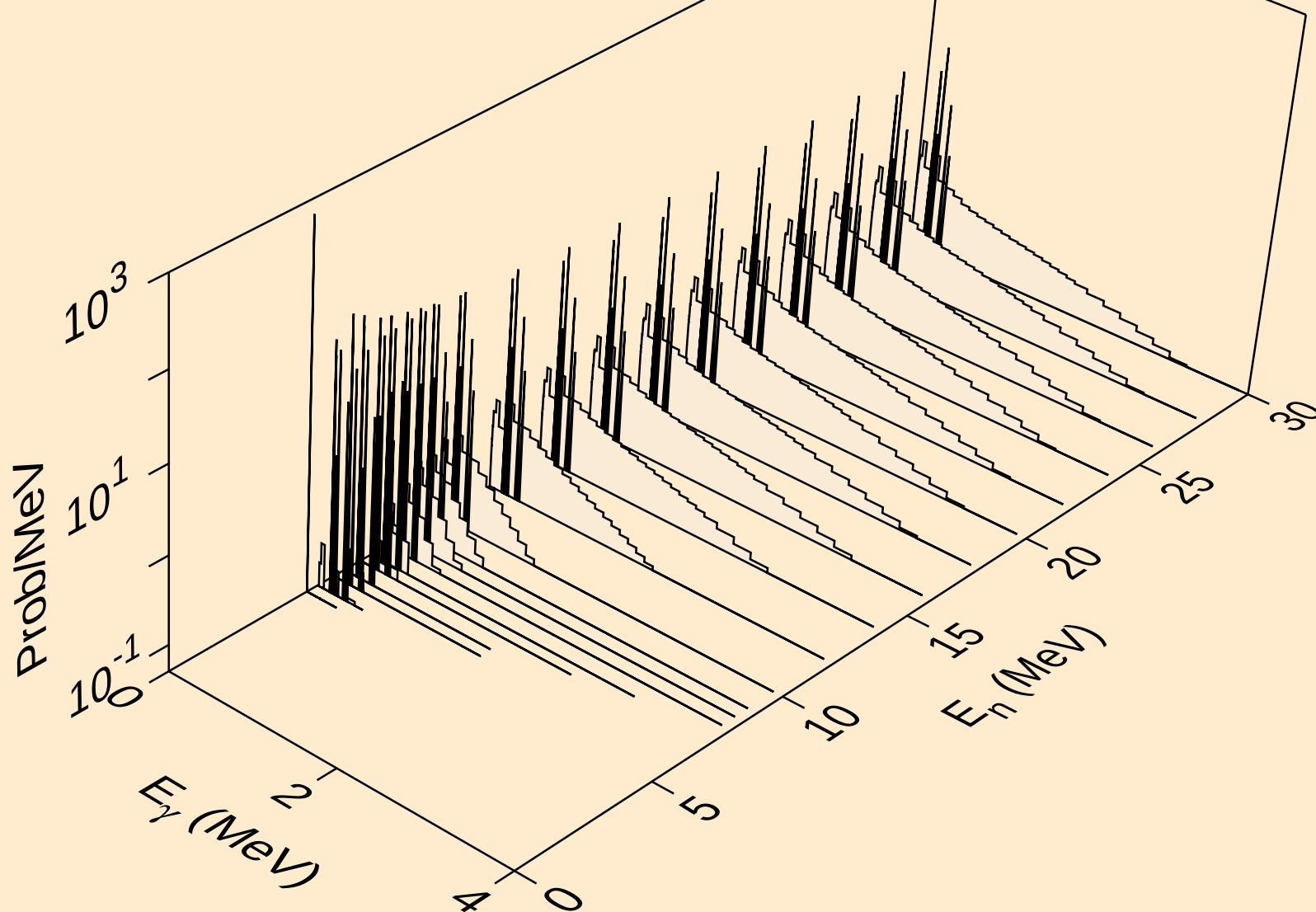
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



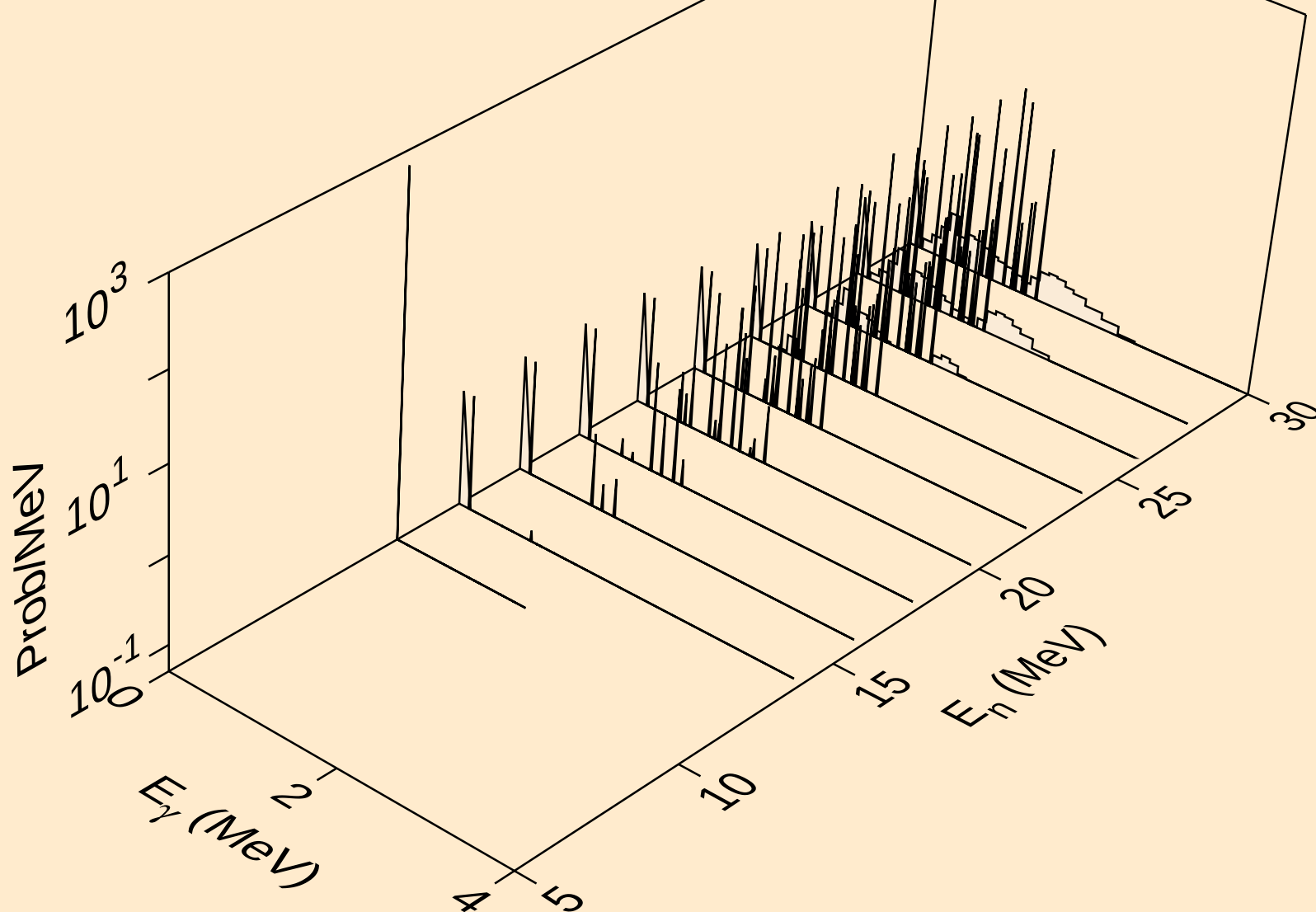
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



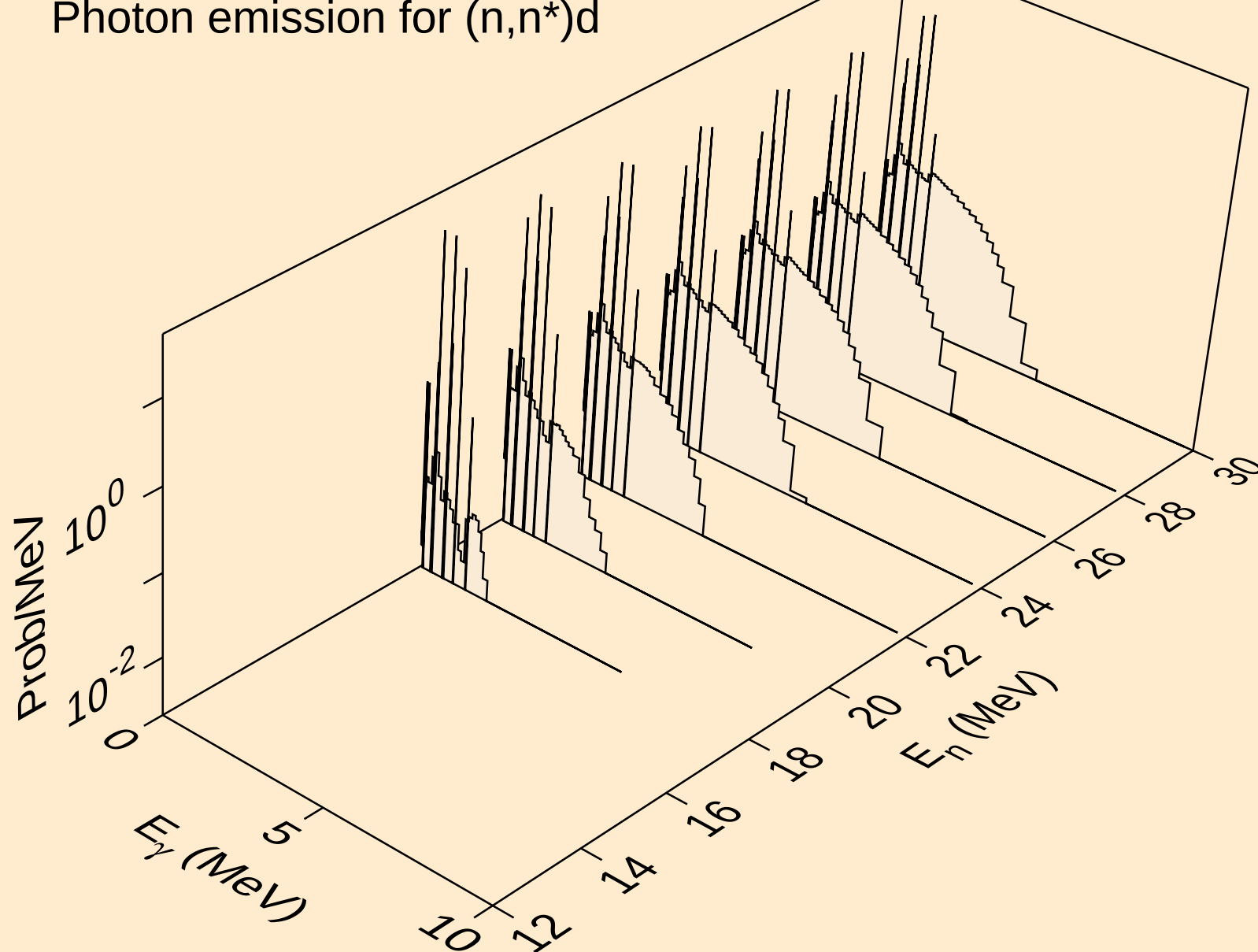
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



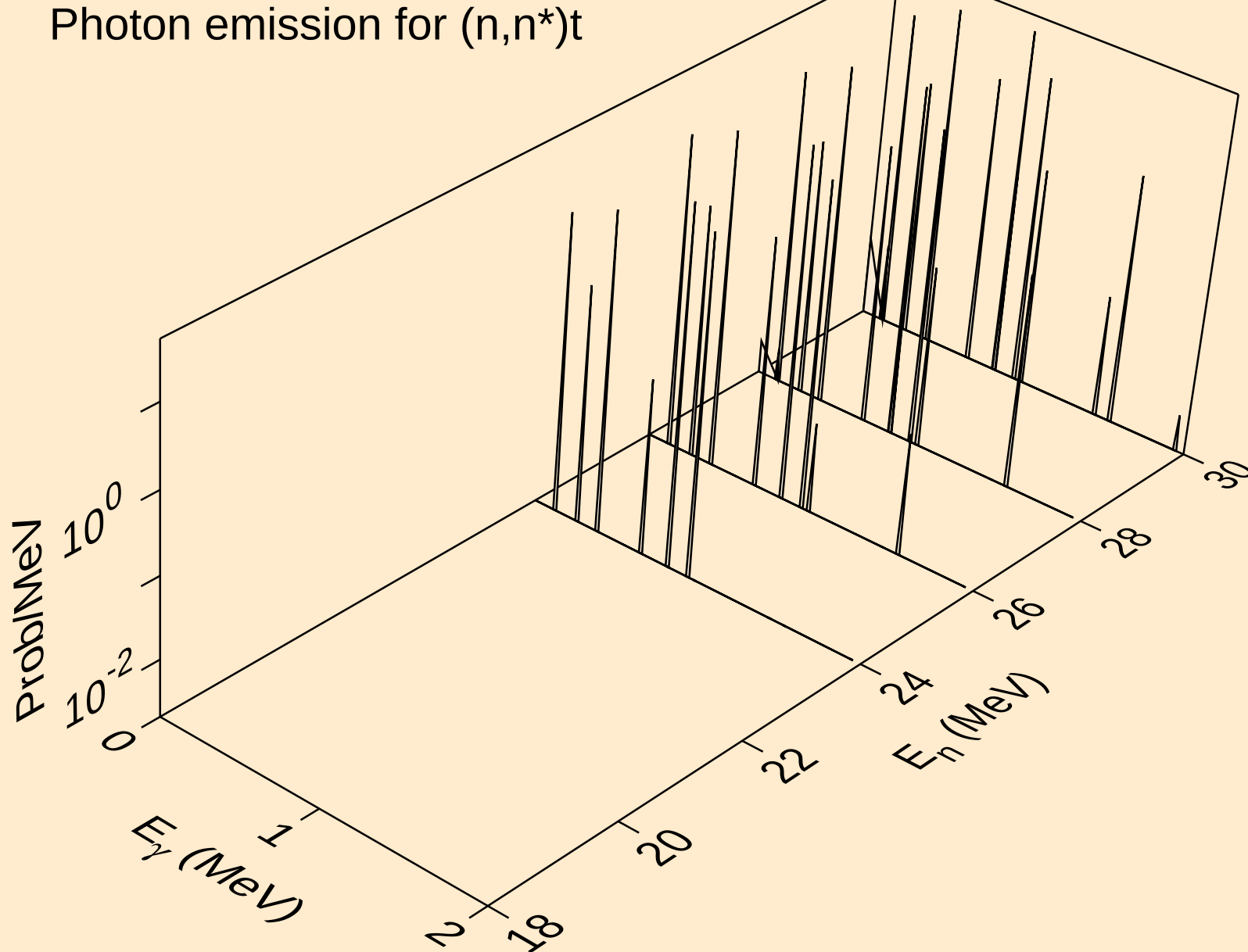
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Photon emission for (n,n*)2a



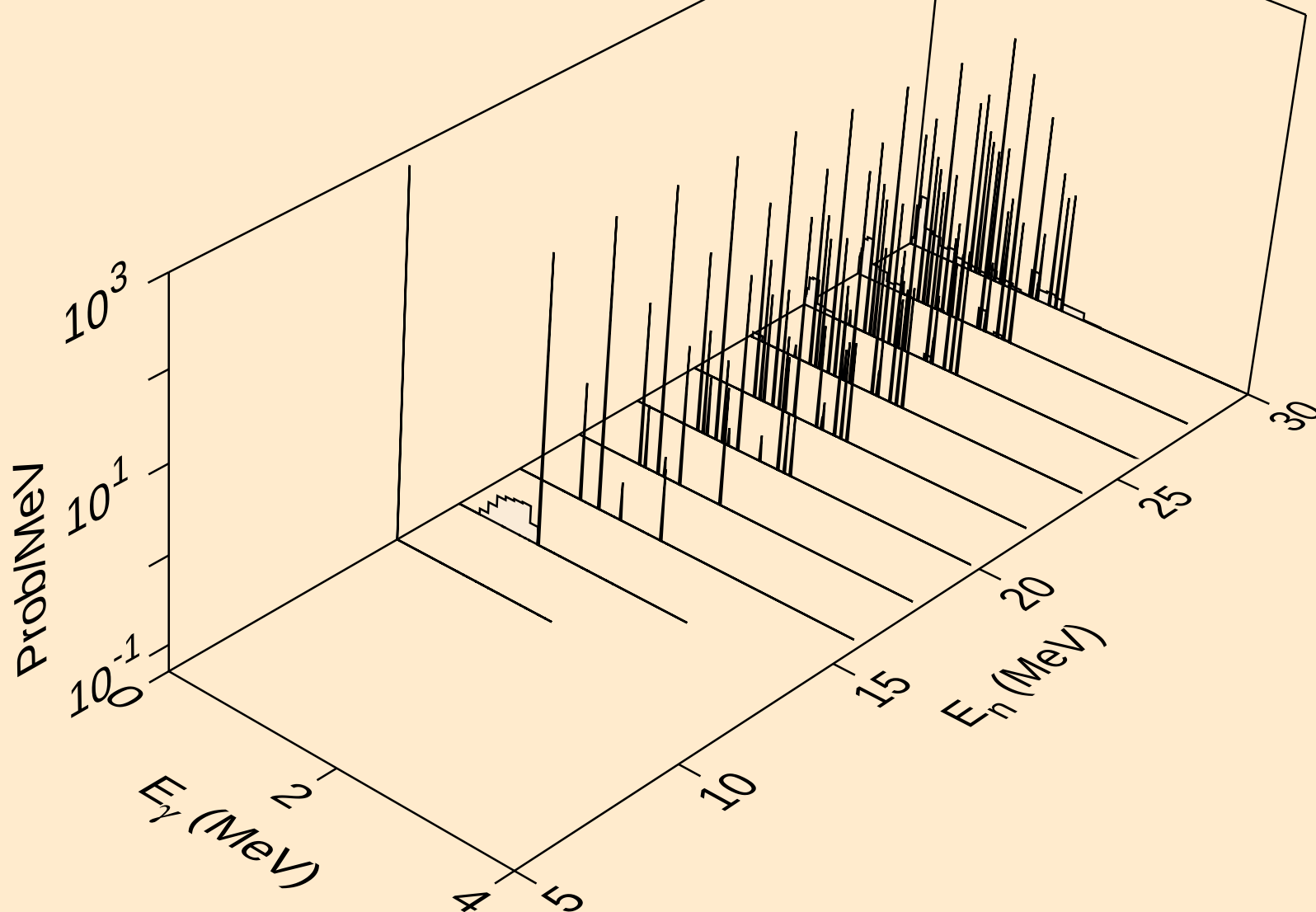
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Photon emission for (n,n*)d



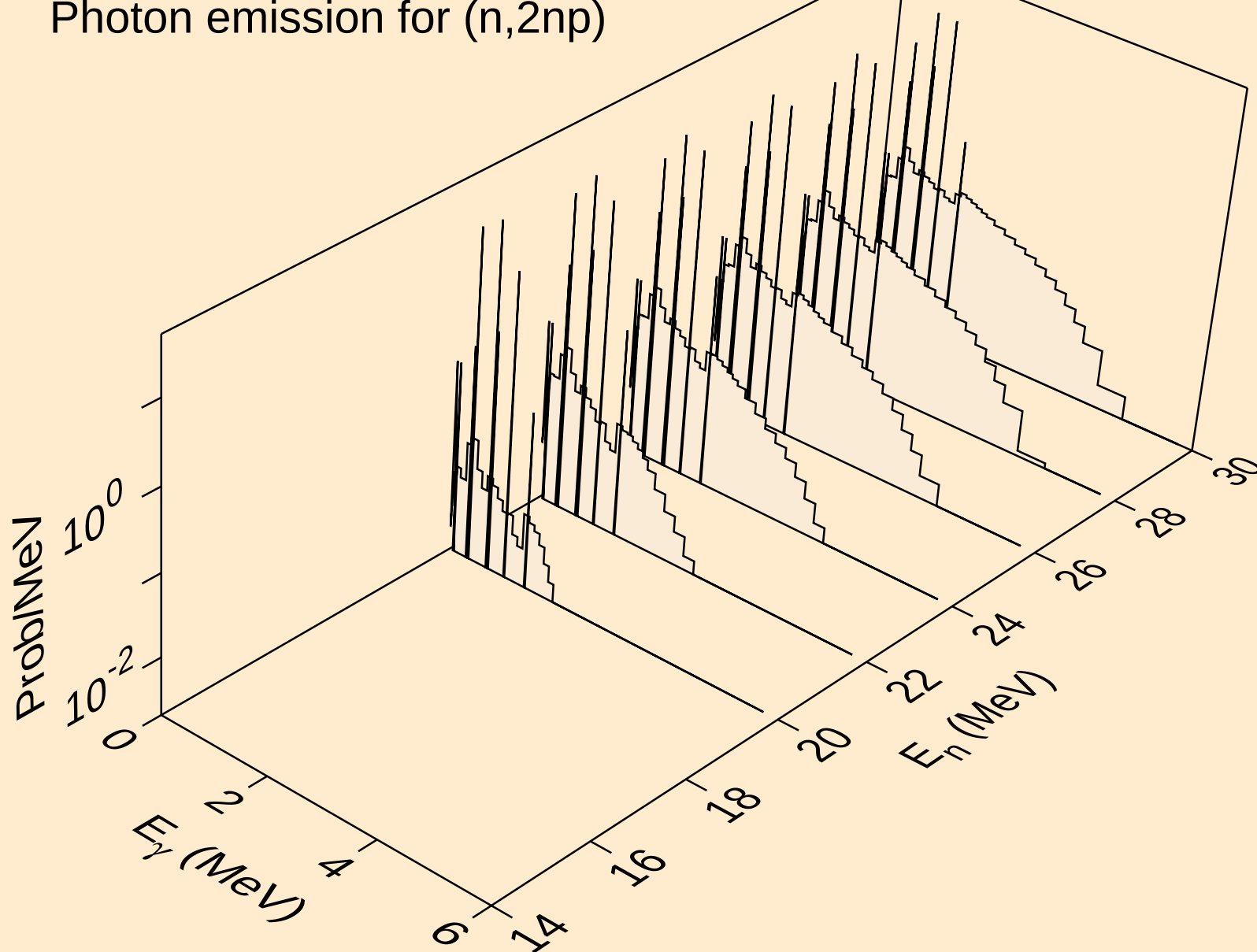
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



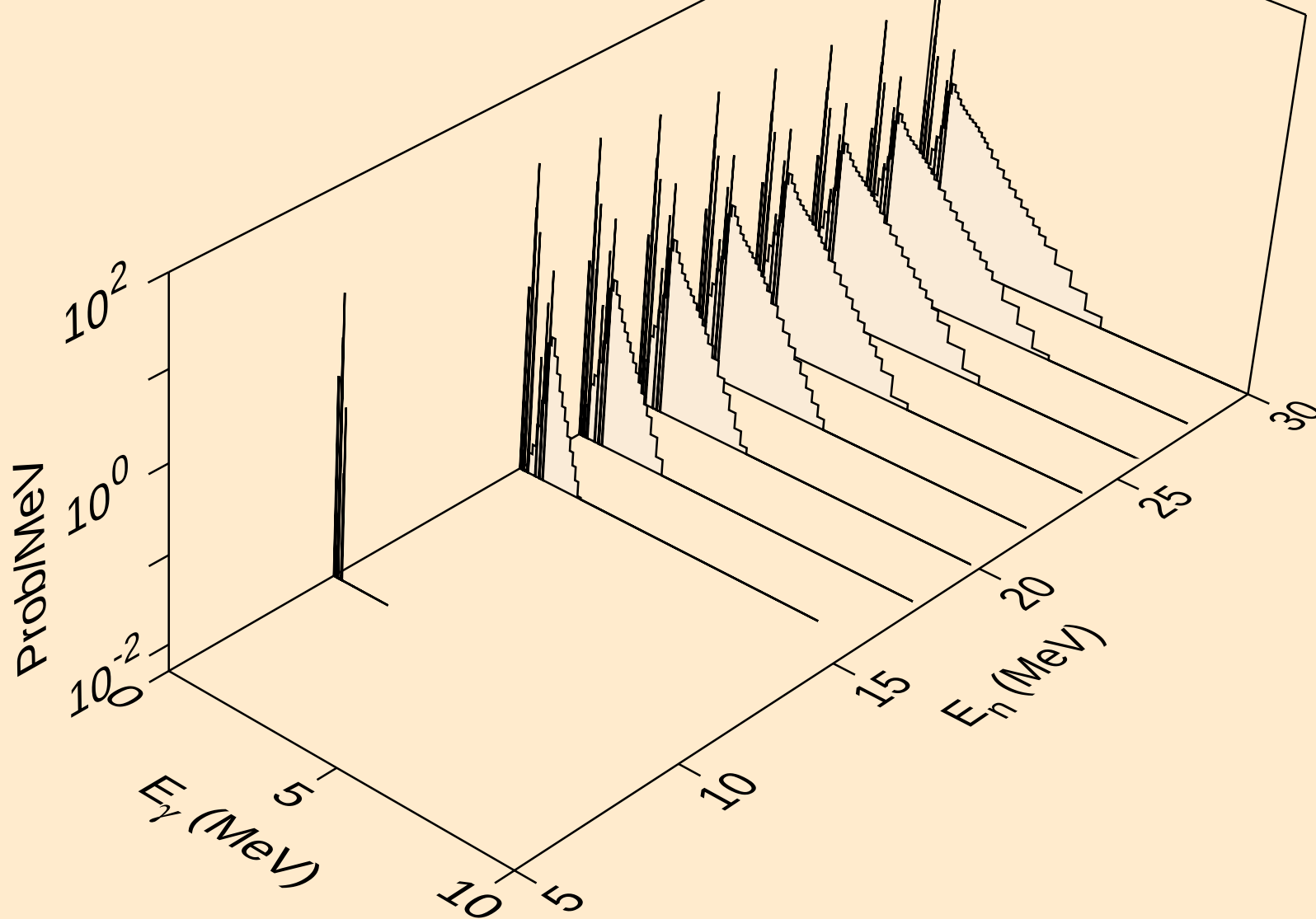
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



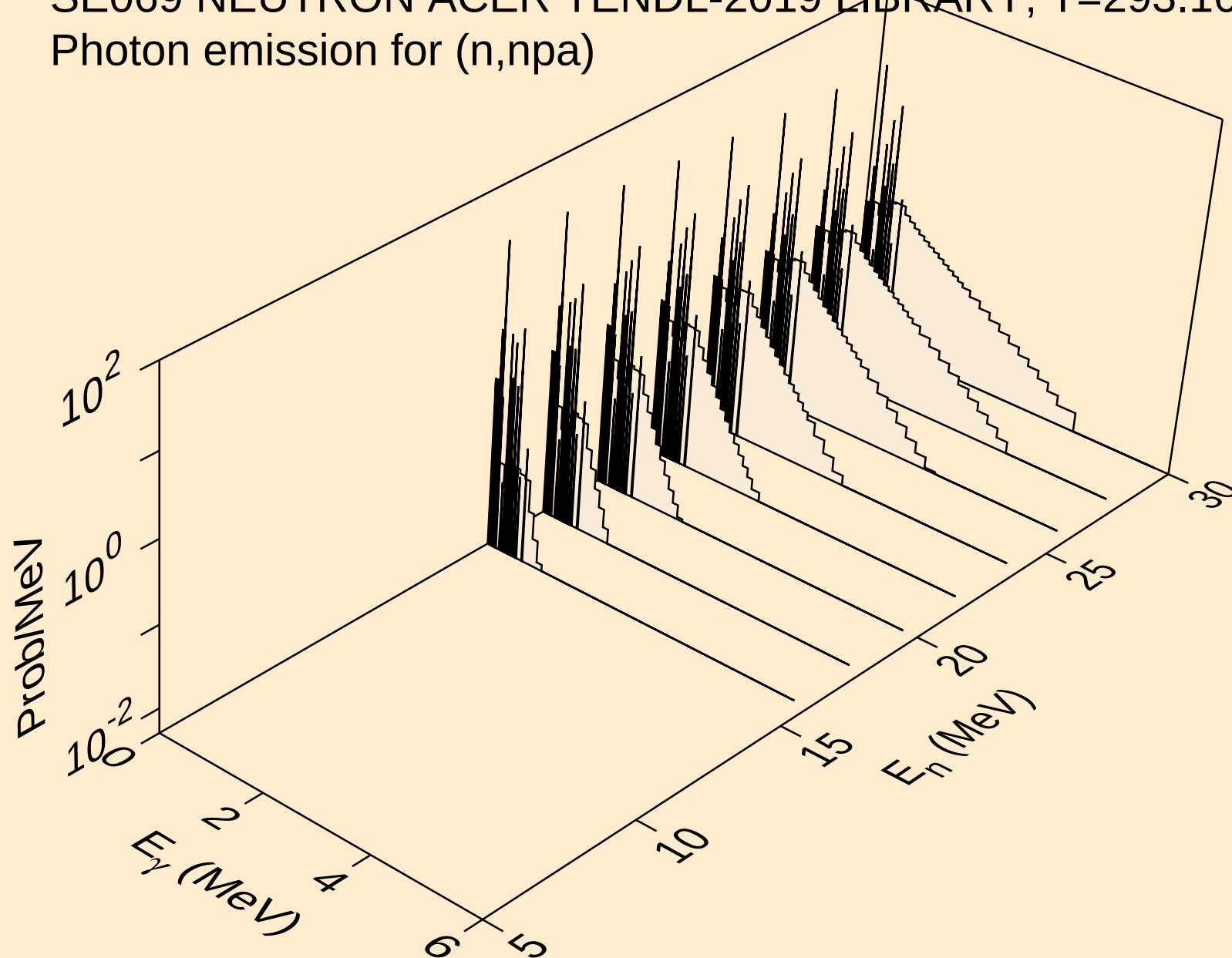
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



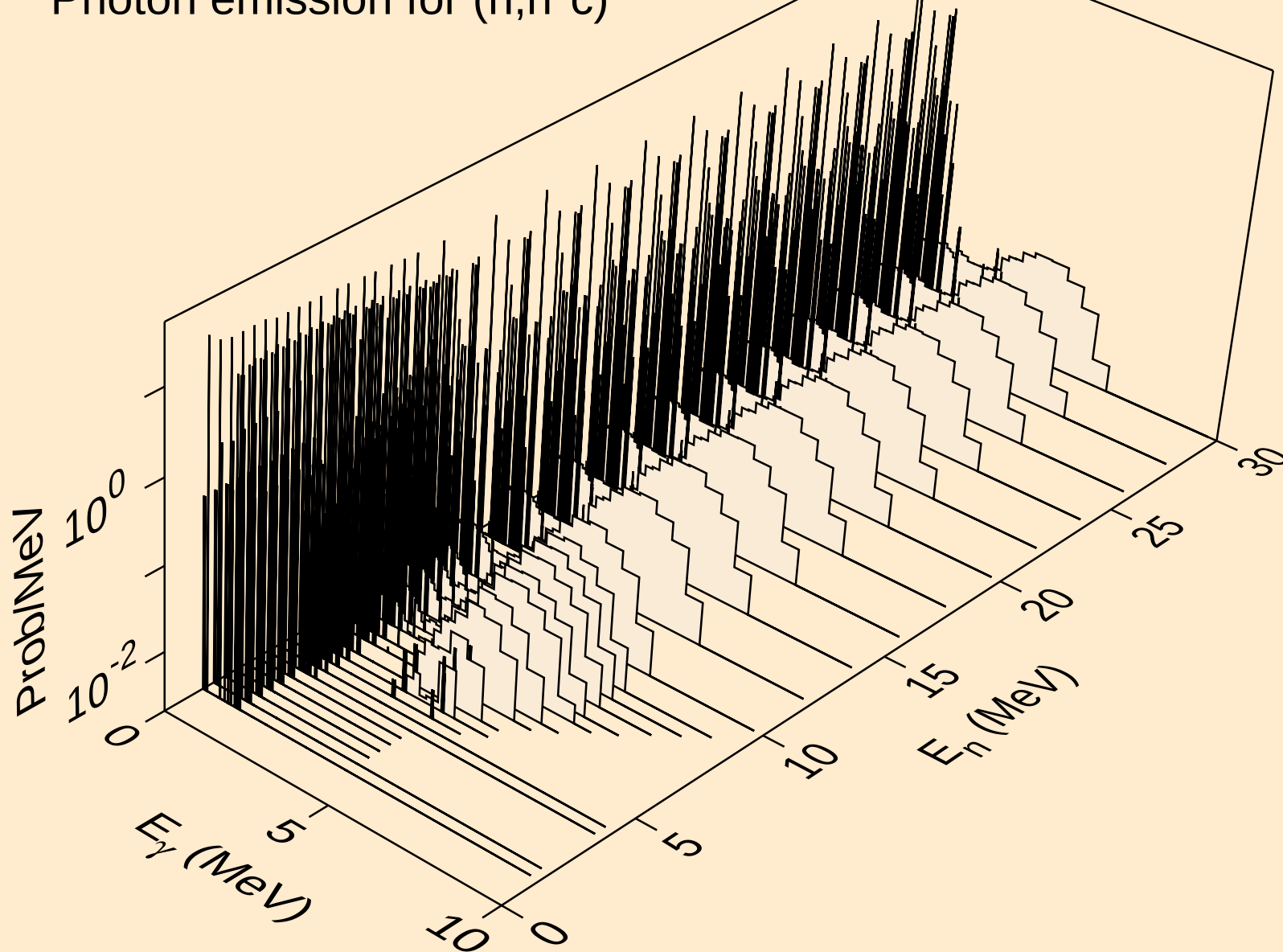
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



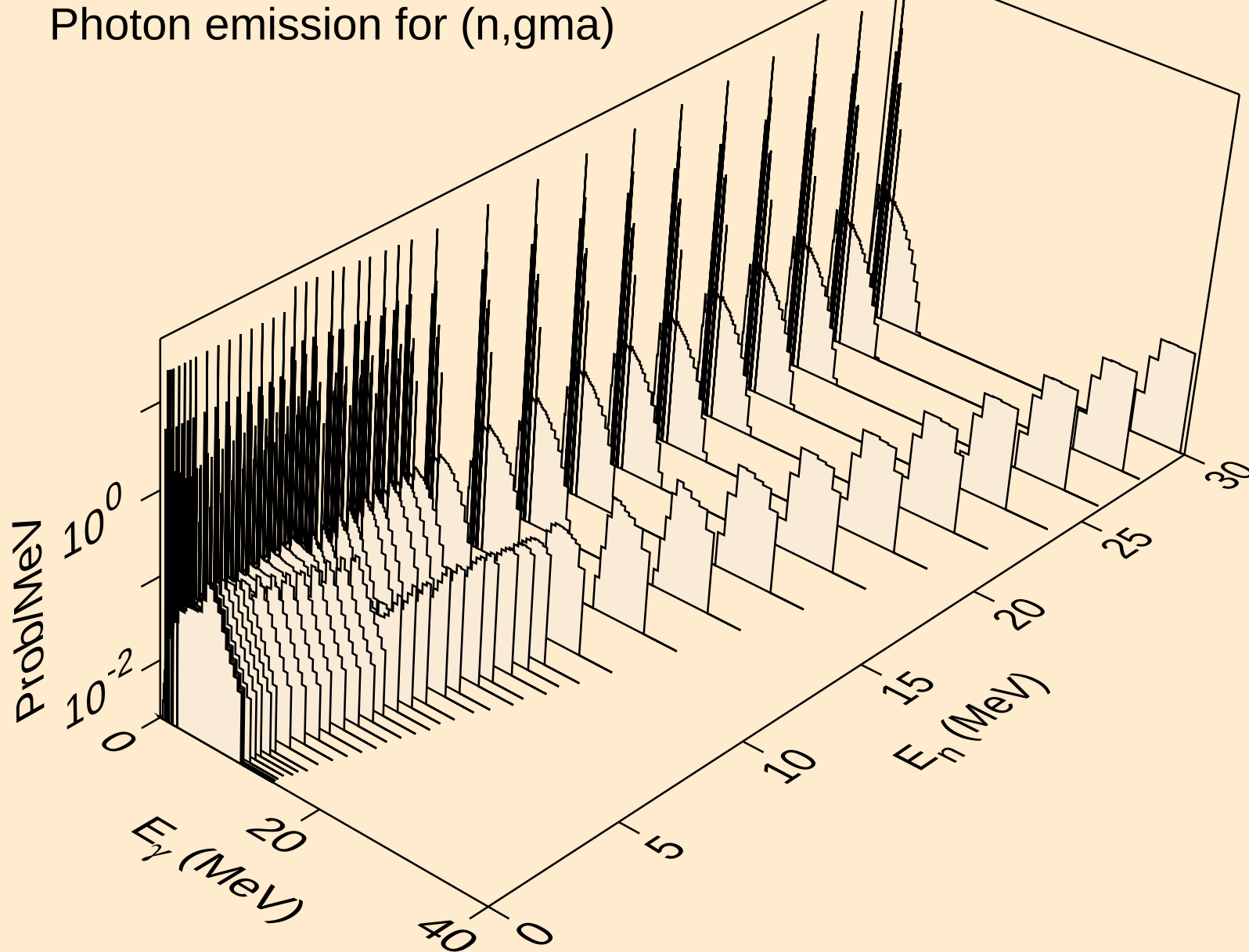
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



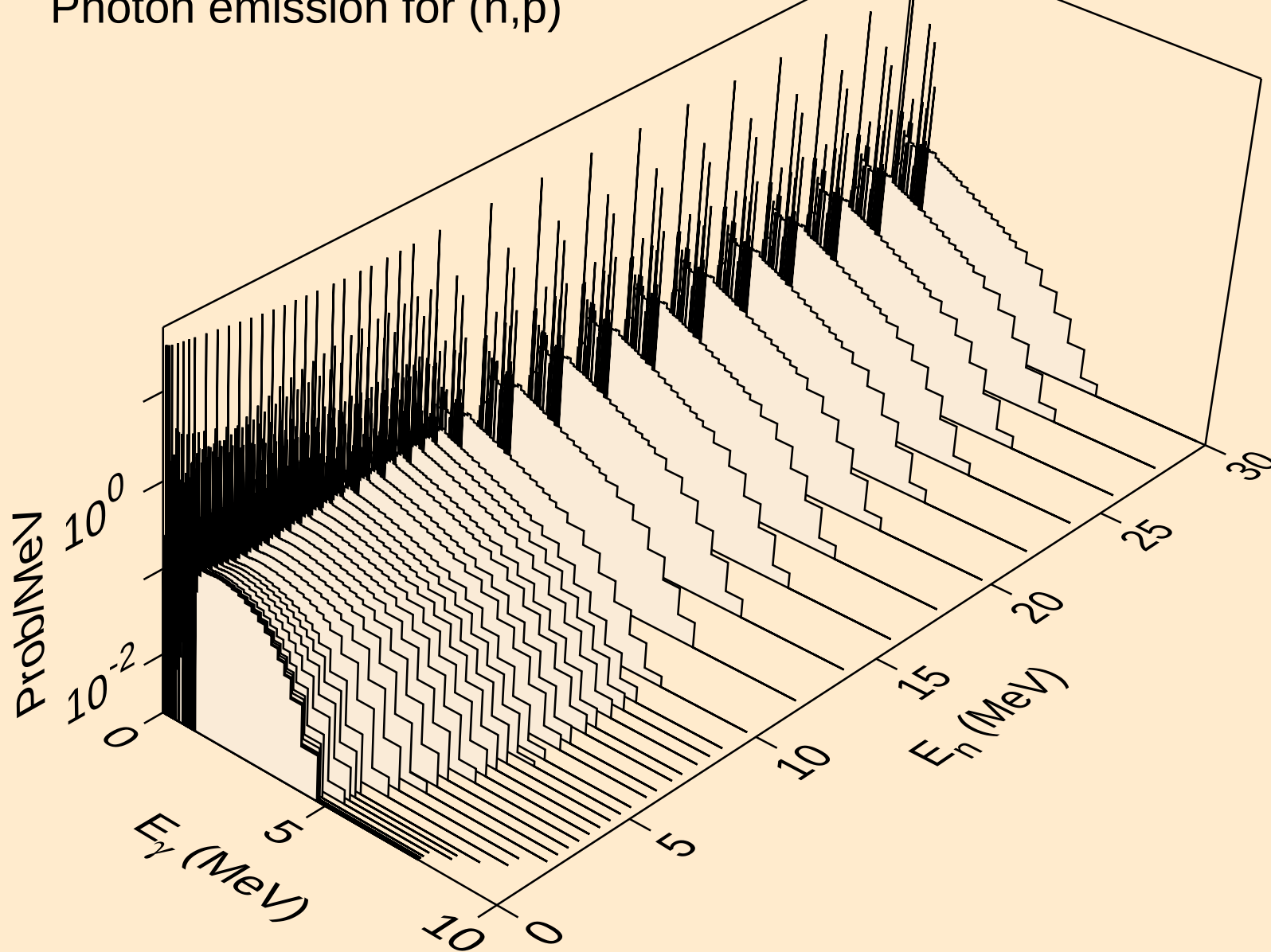
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Photon emission for (n,n*c)



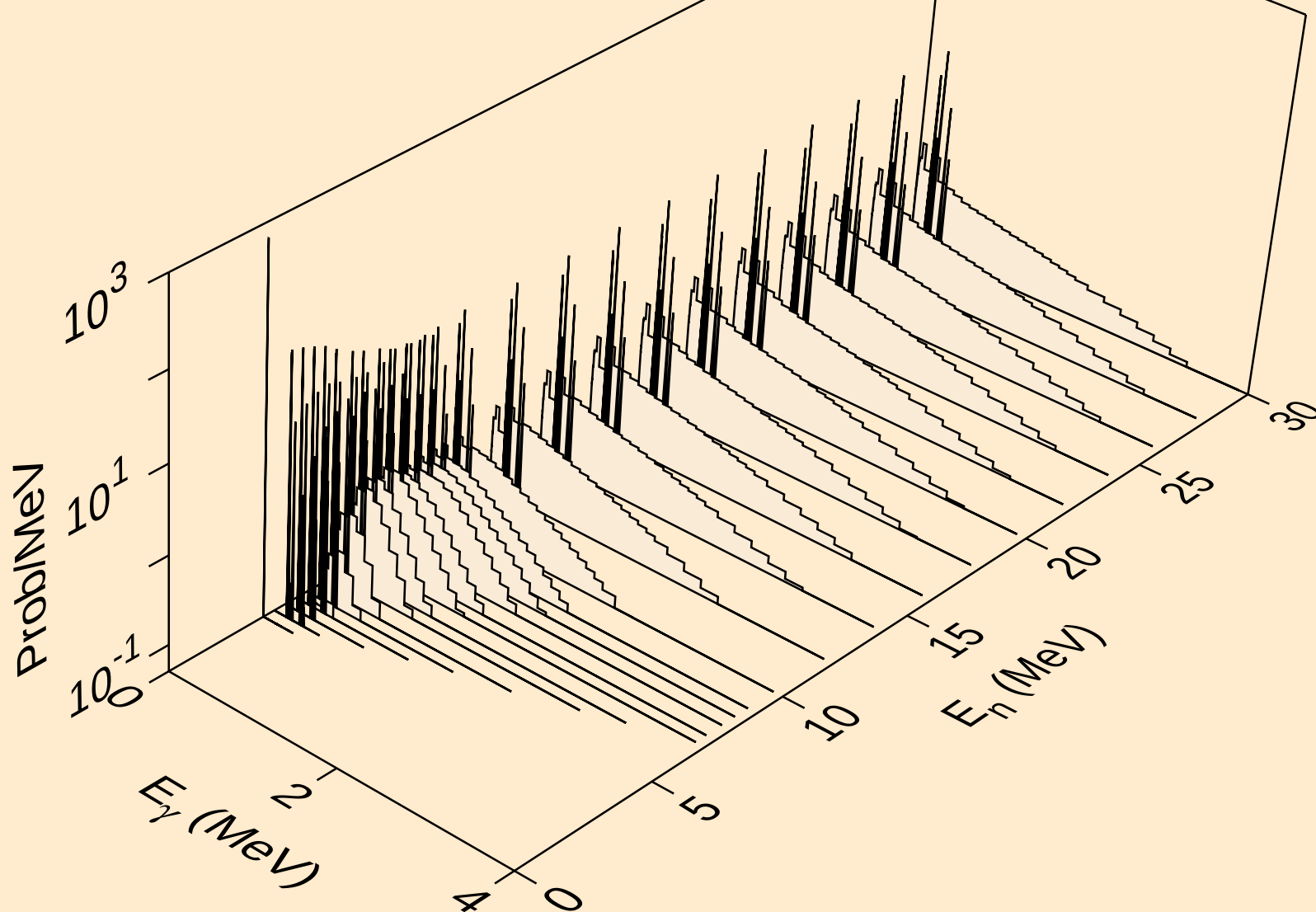
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Photon emission for (n,gma)



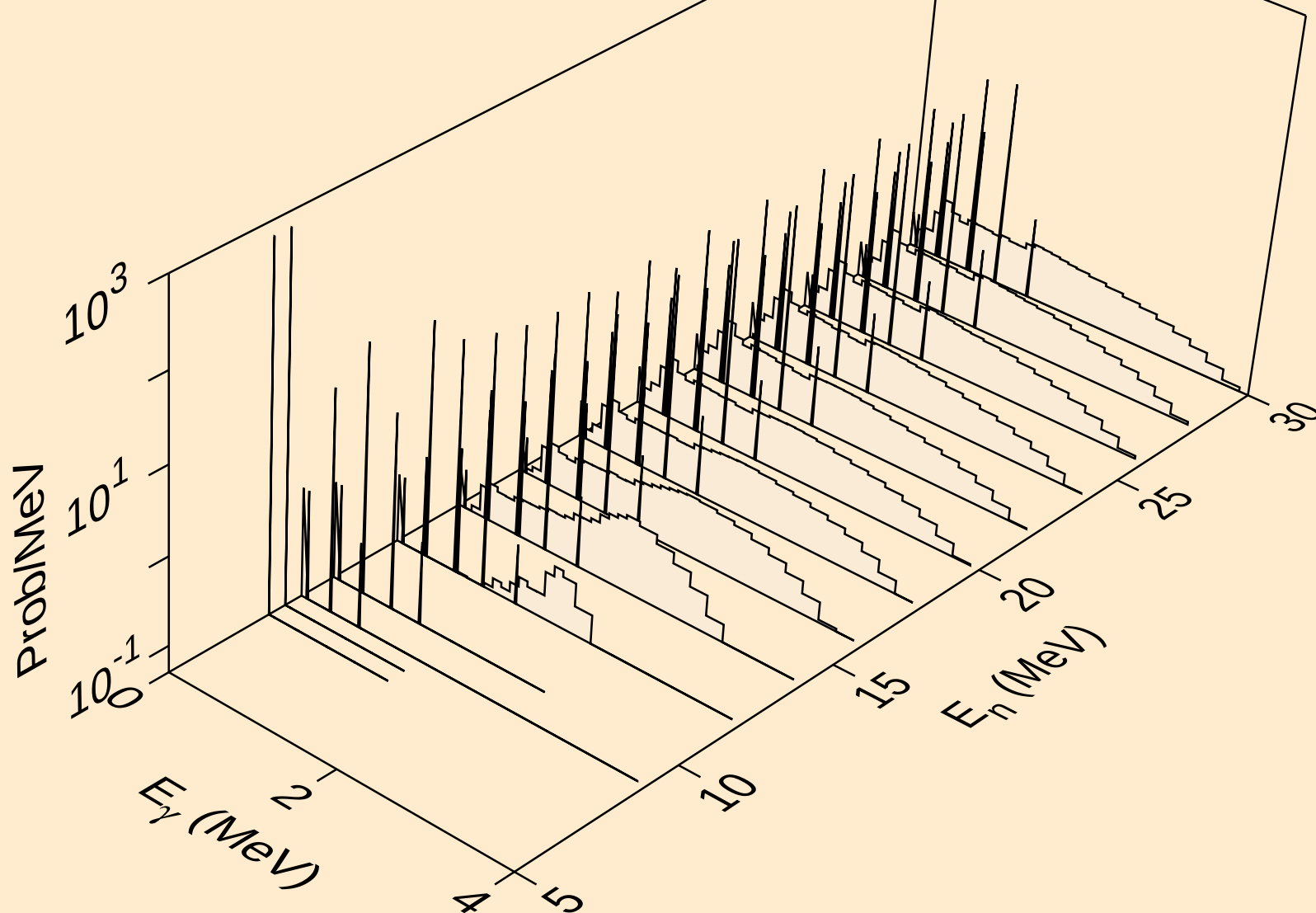
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Photon emission for (n,p)



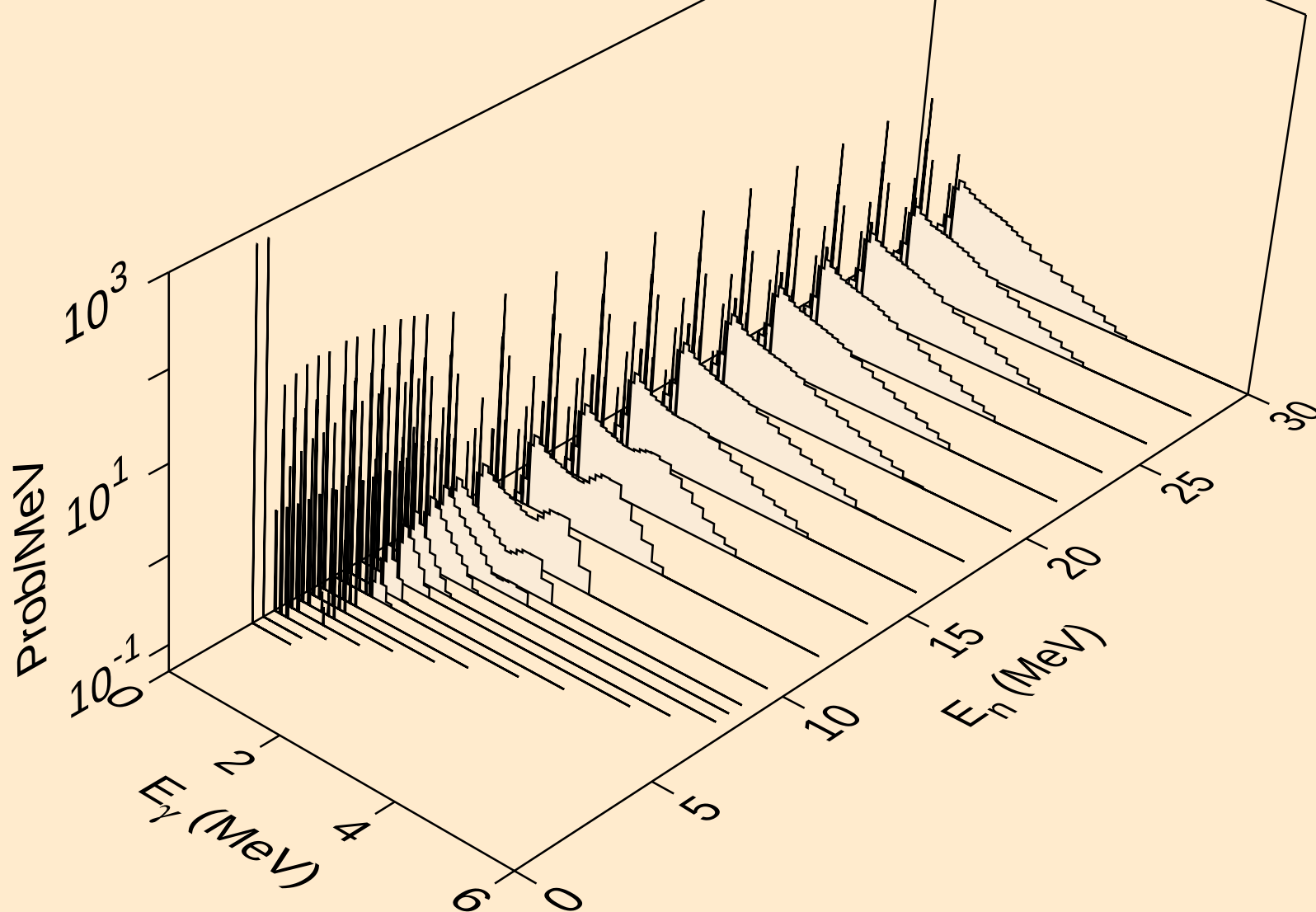
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Photon emission for (n,d)



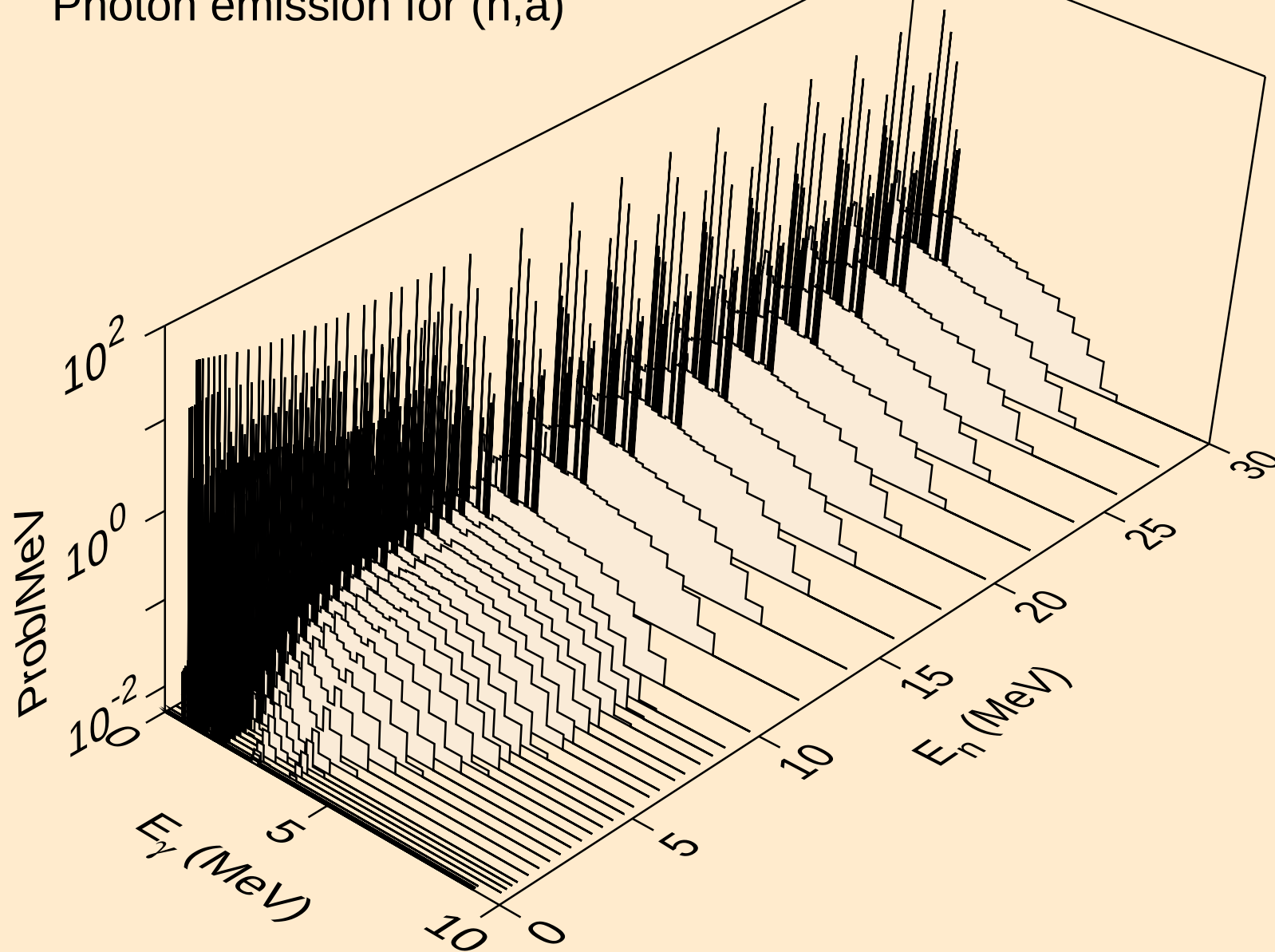
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Photon emission for (n,t)



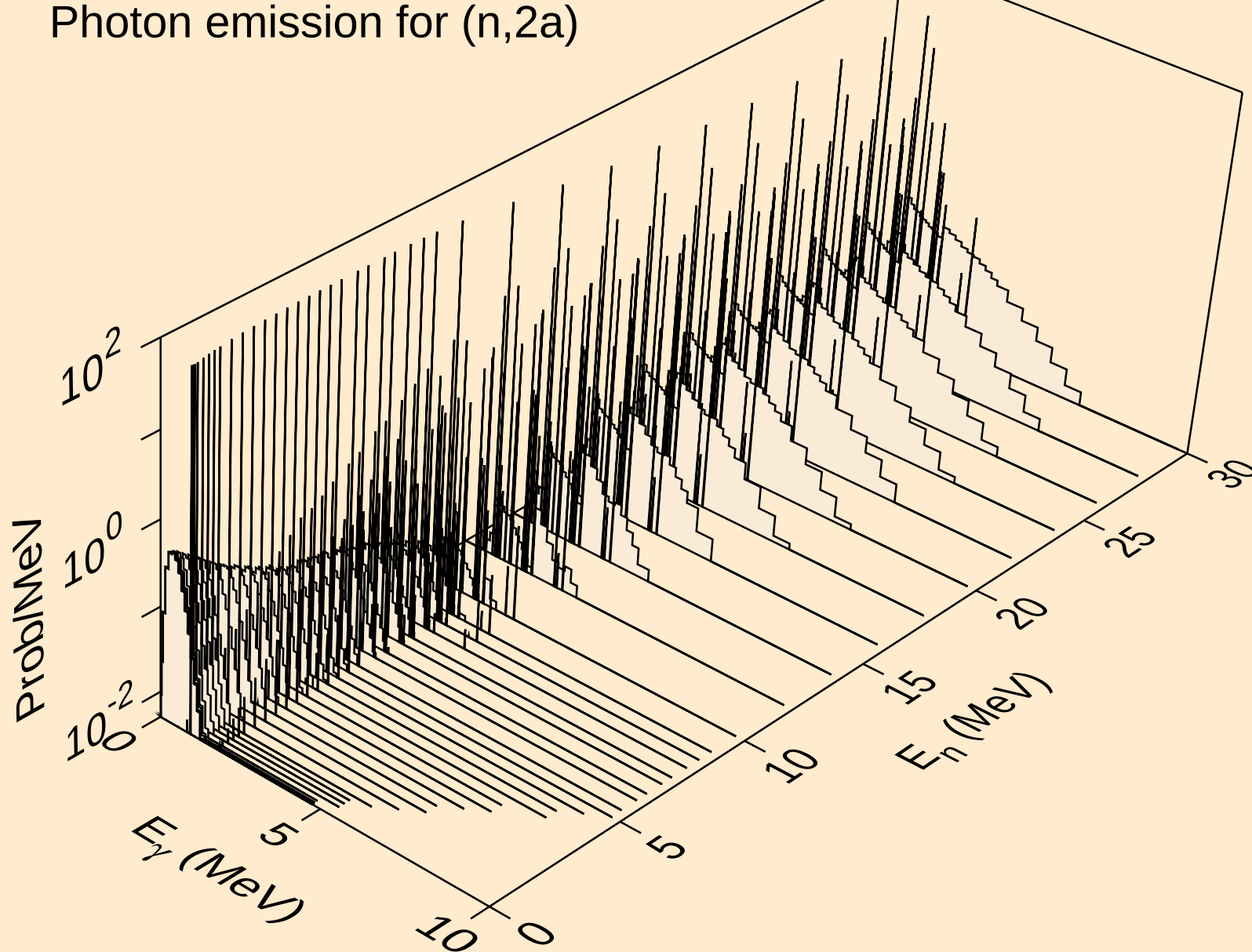
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Photon emission for (n,he3)



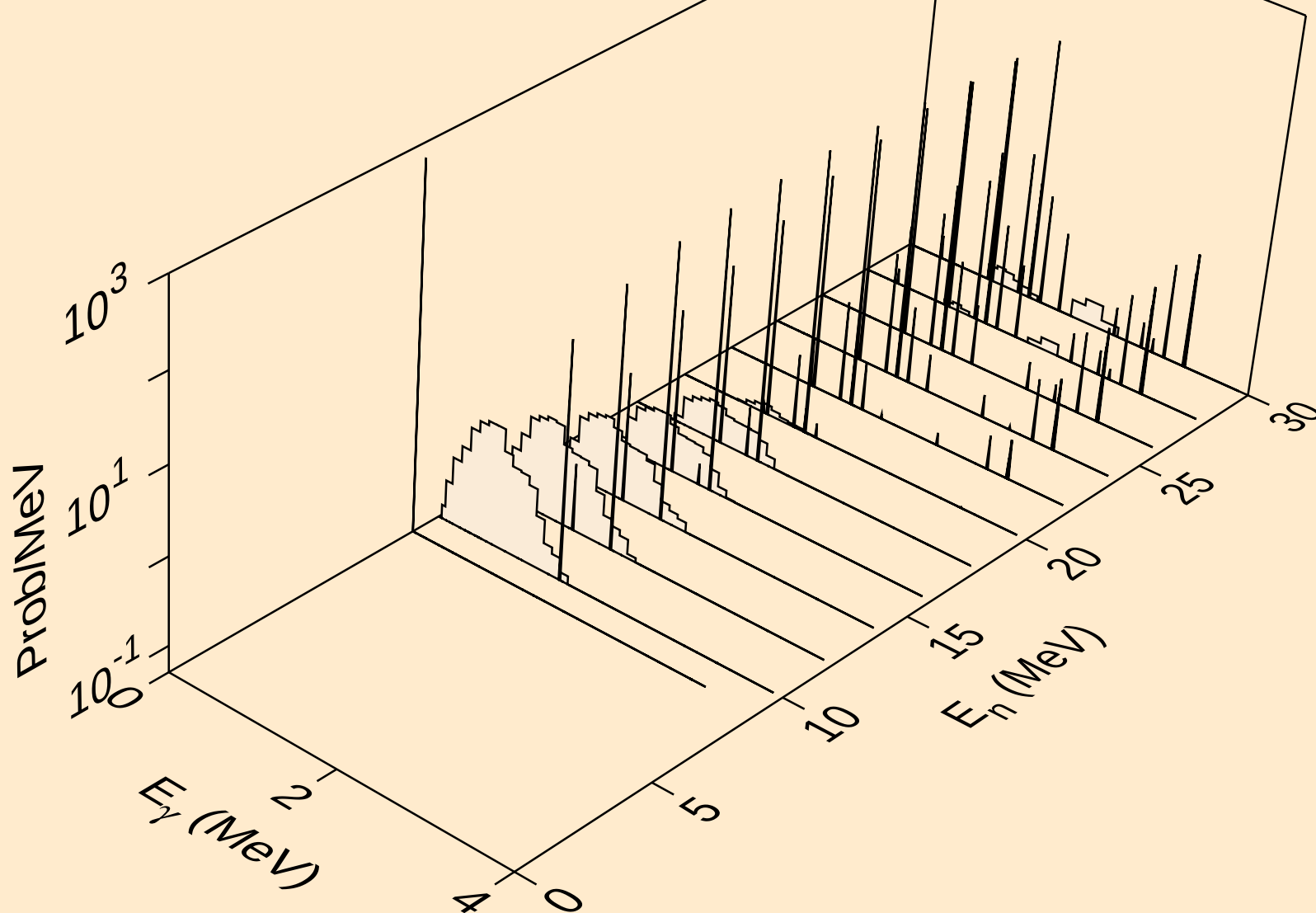
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Photon emission for (n,a)



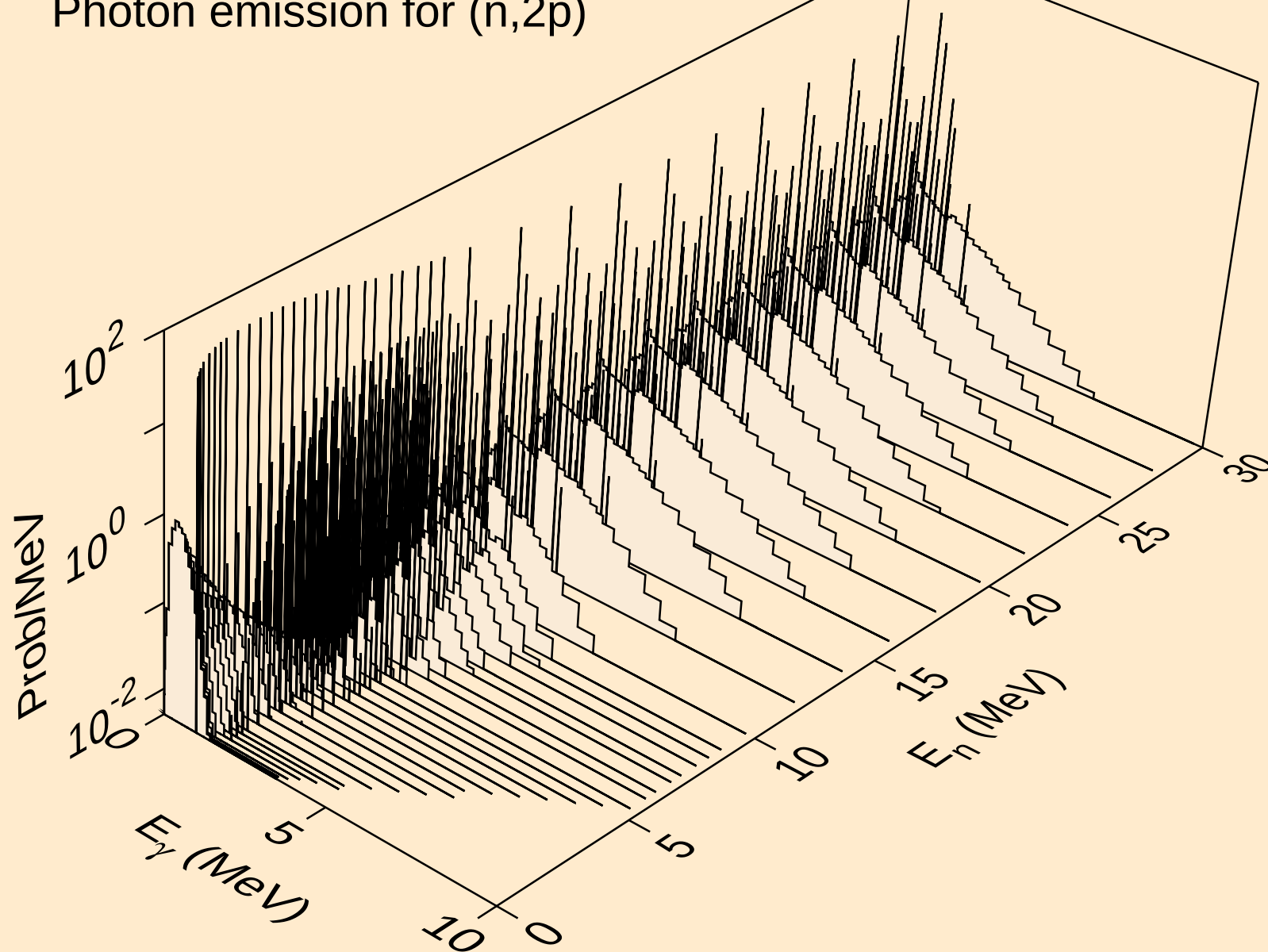
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Photon emission for (n,2a)



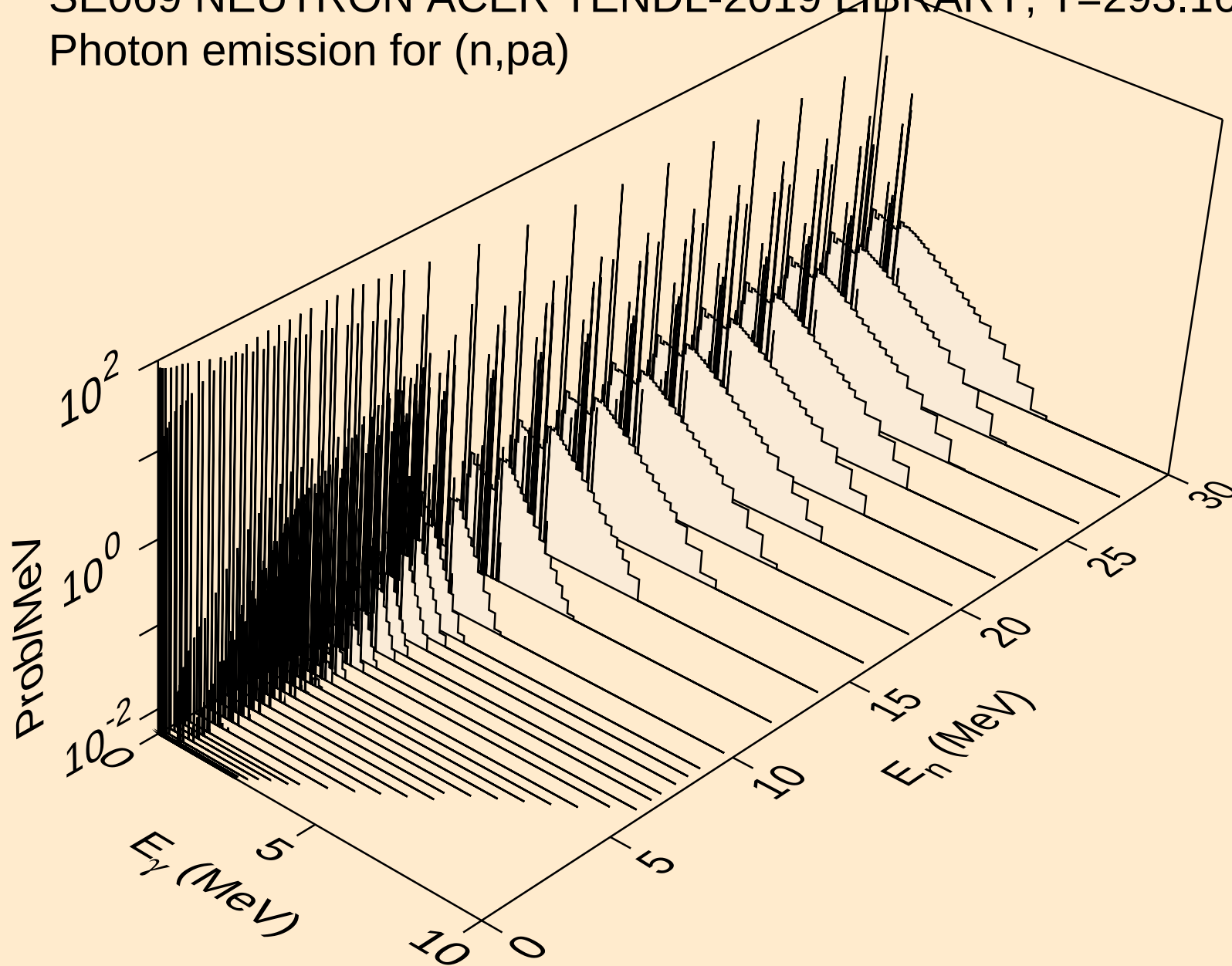
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



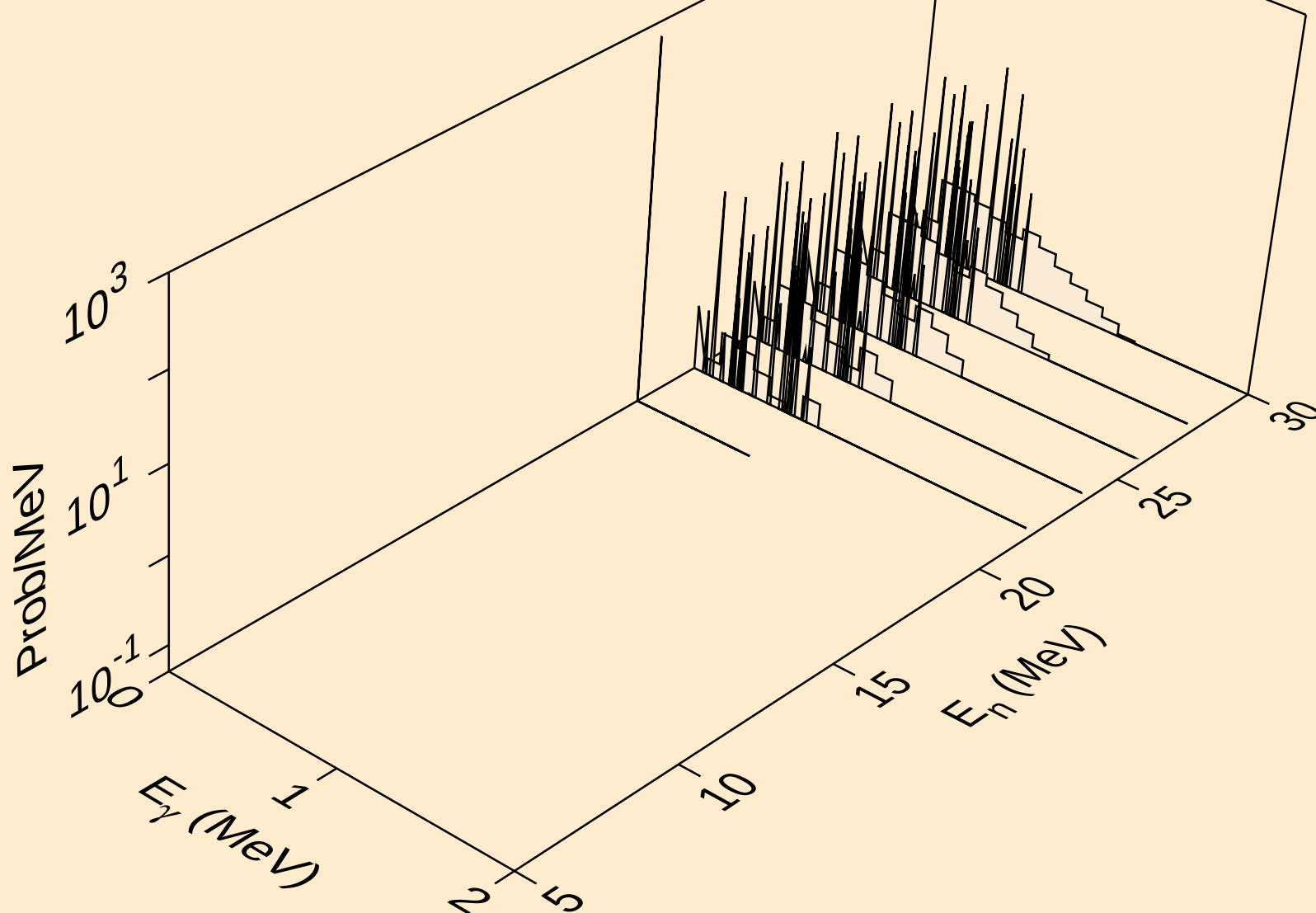
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



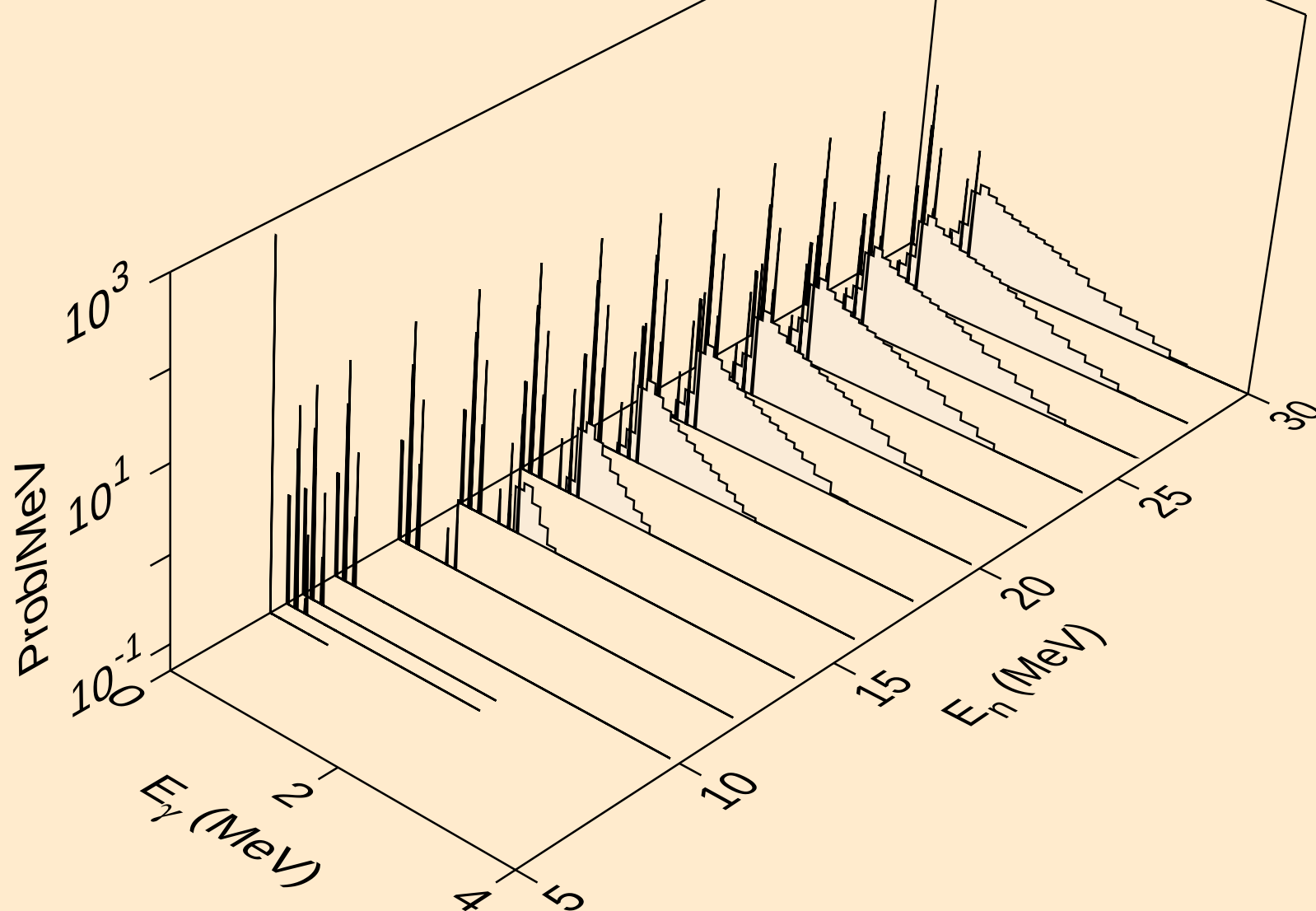
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



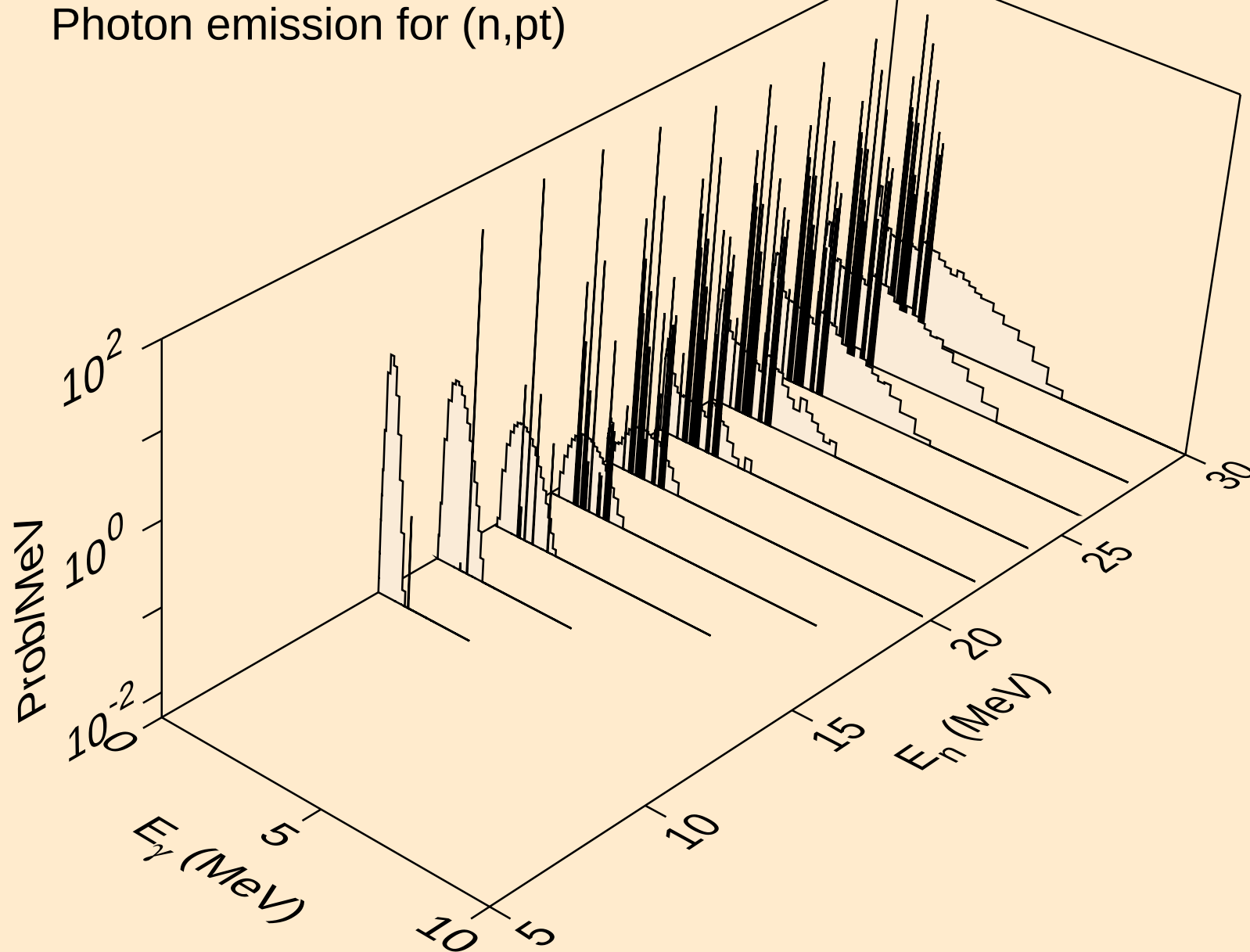
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



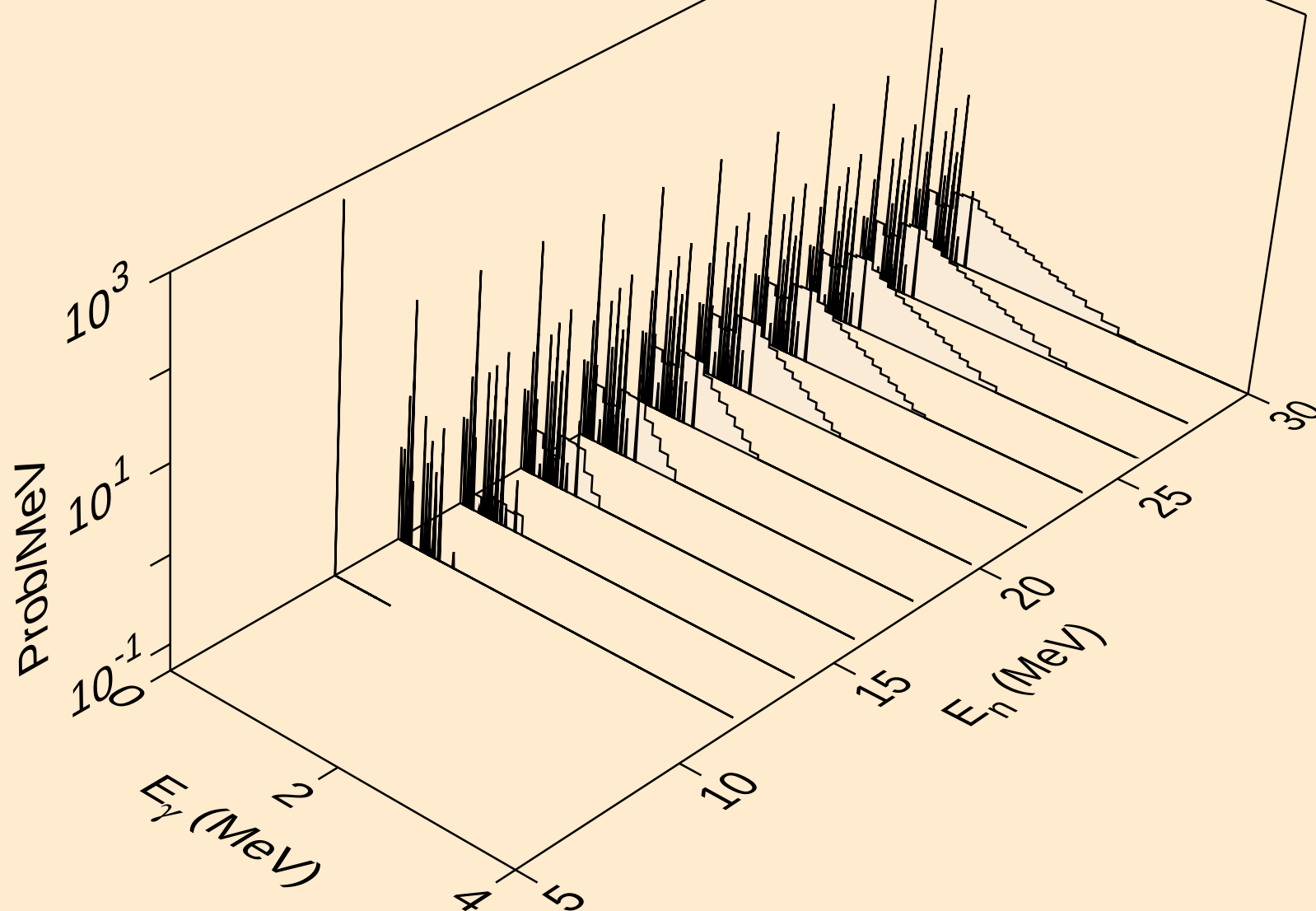
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



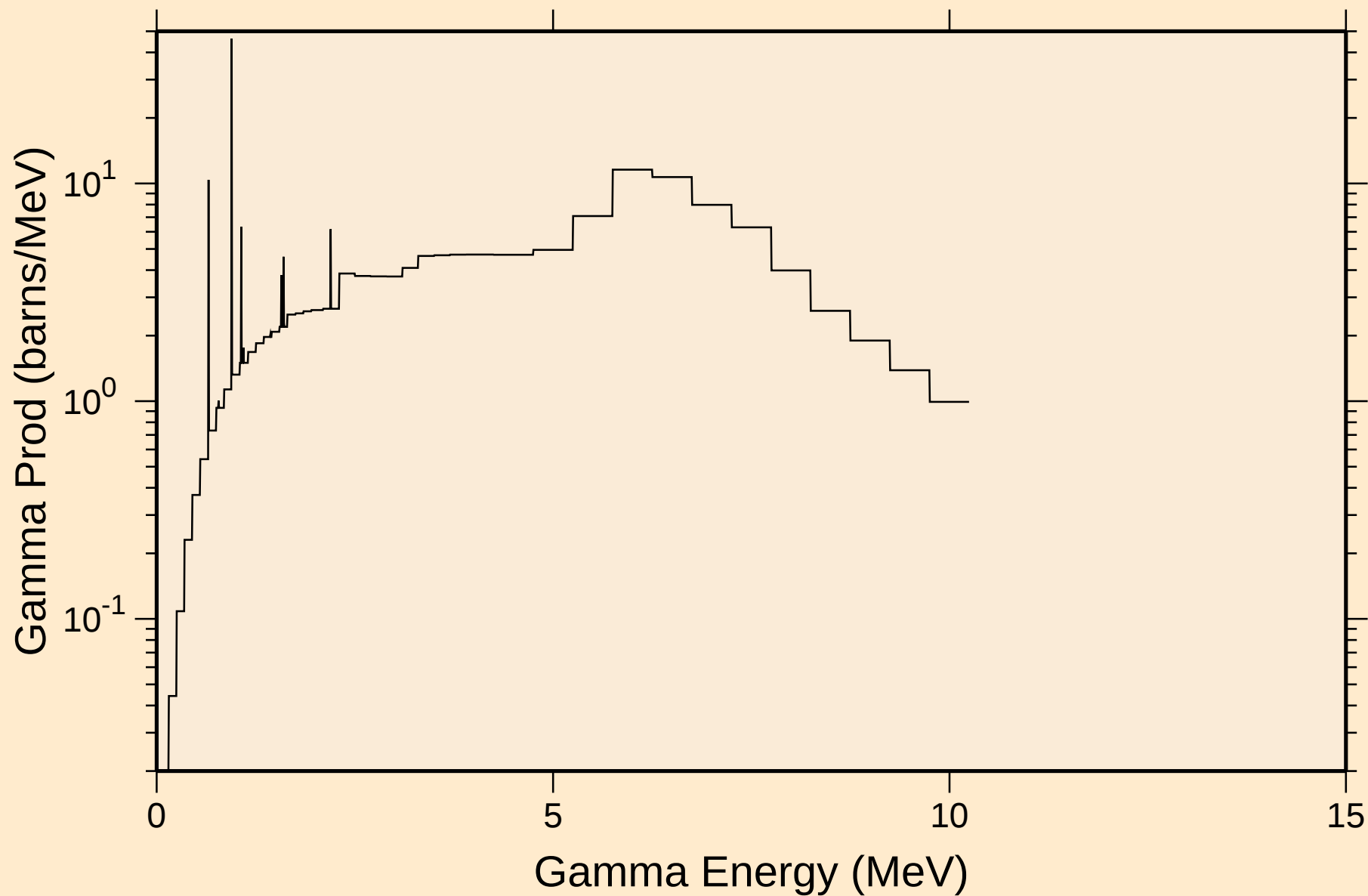
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



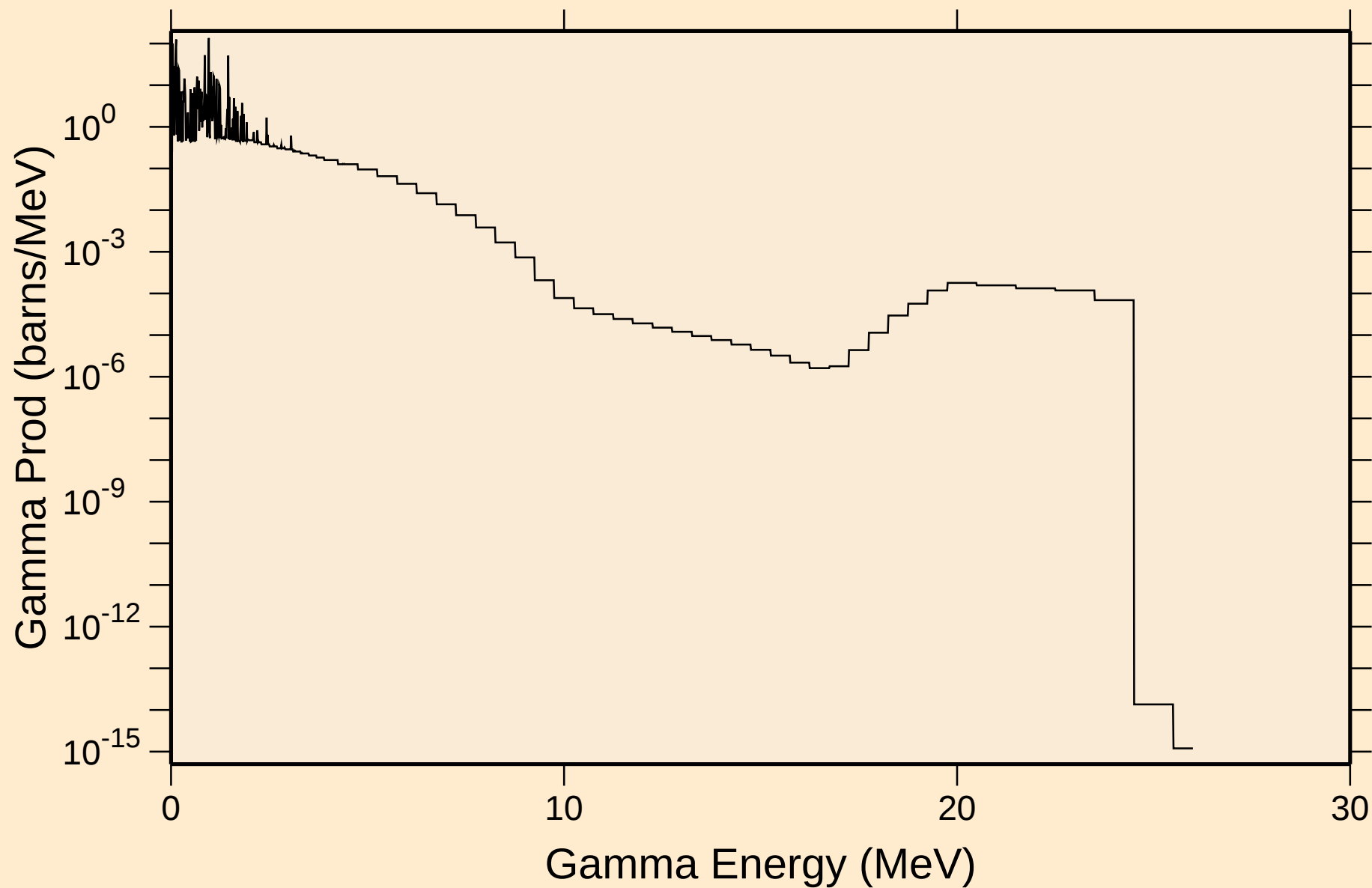
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



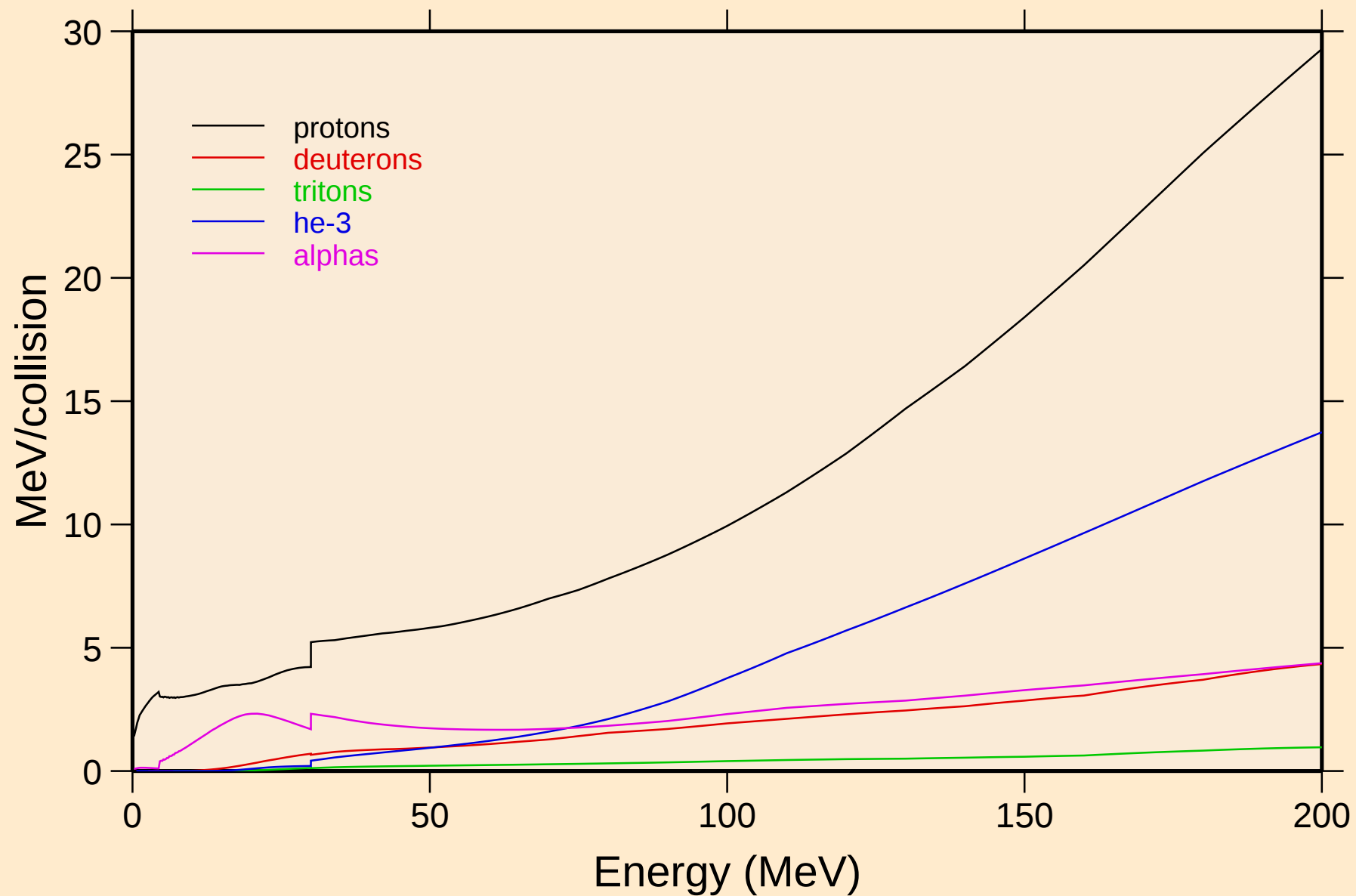
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



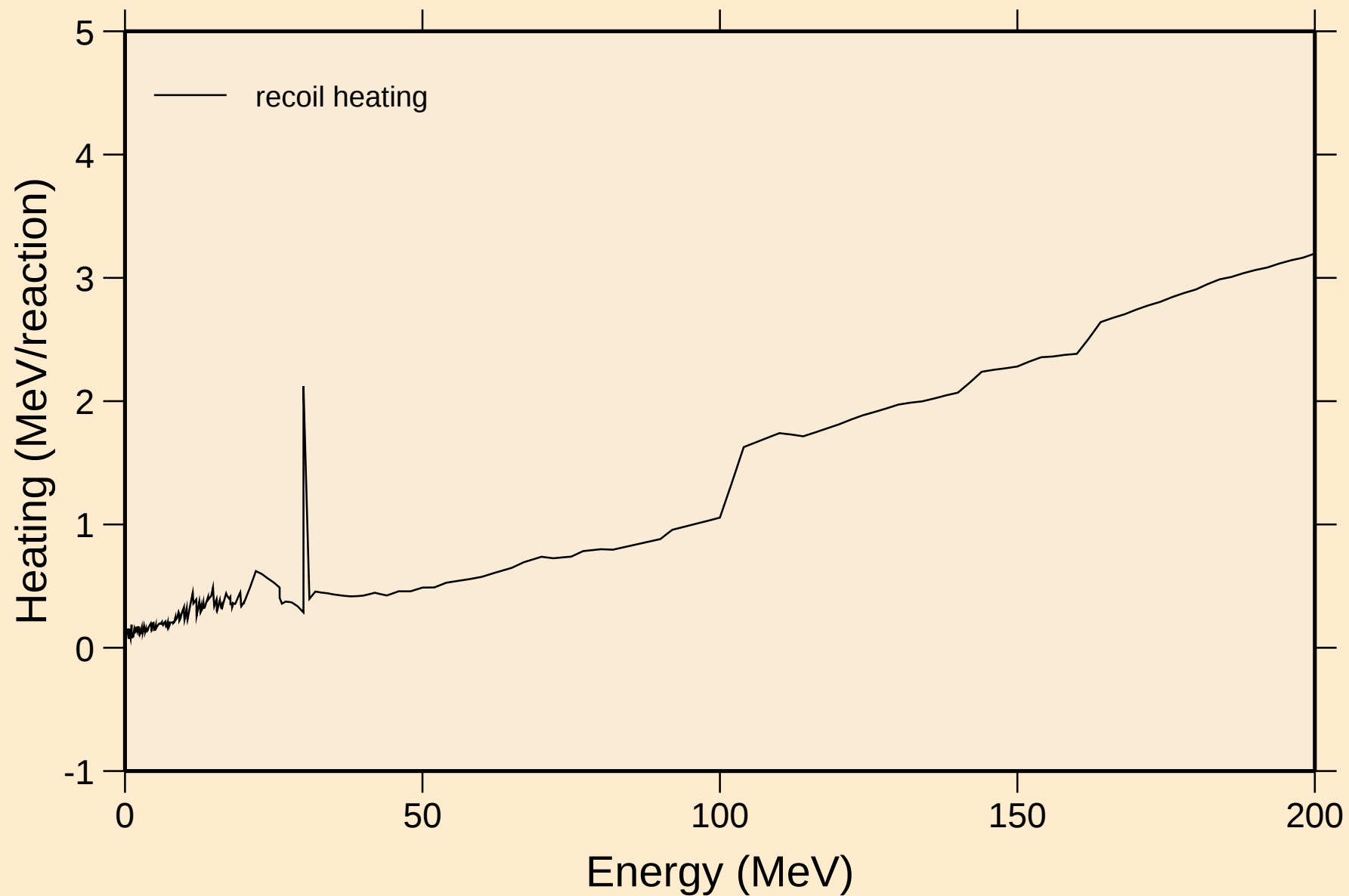
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions

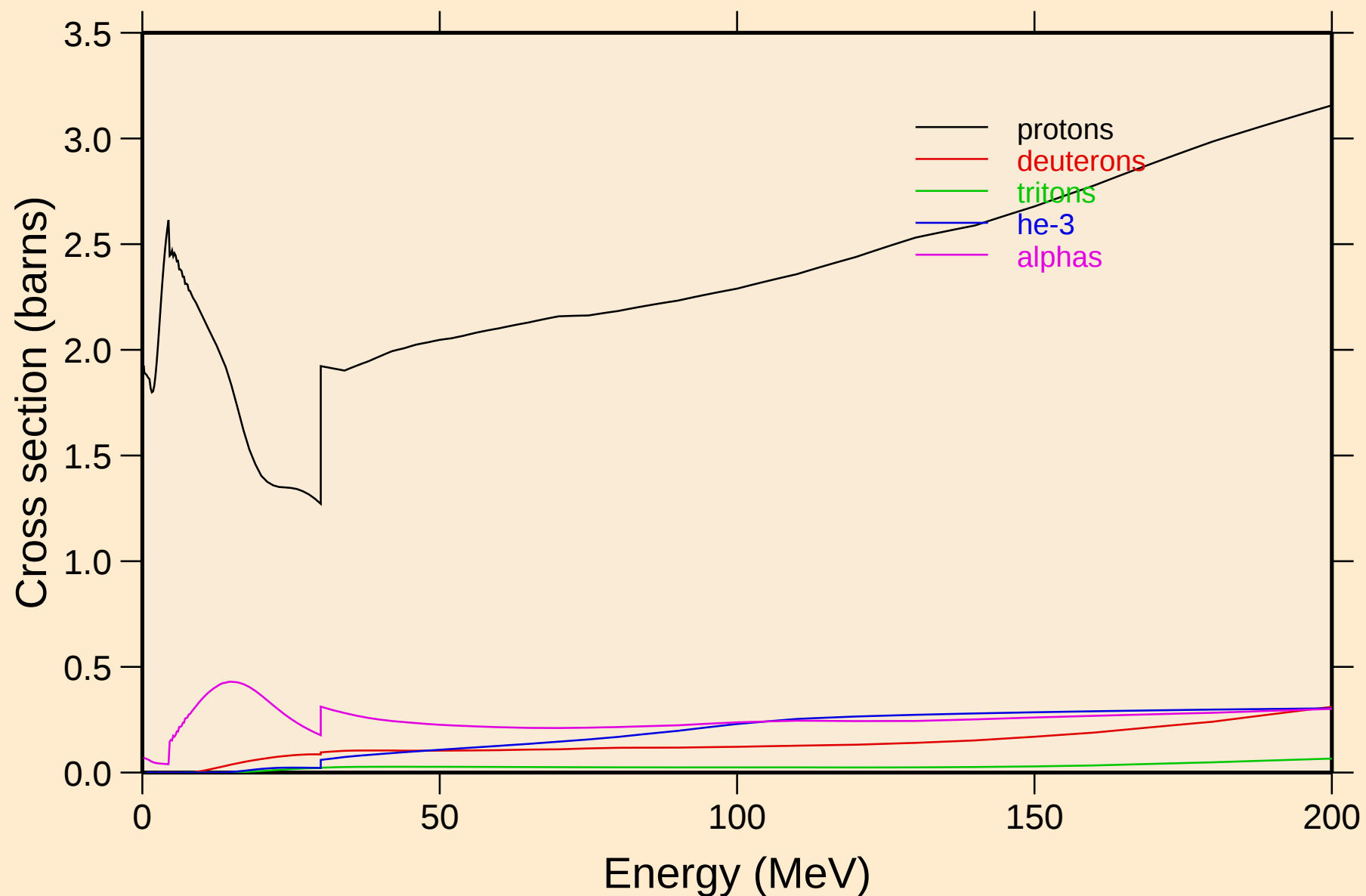


SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

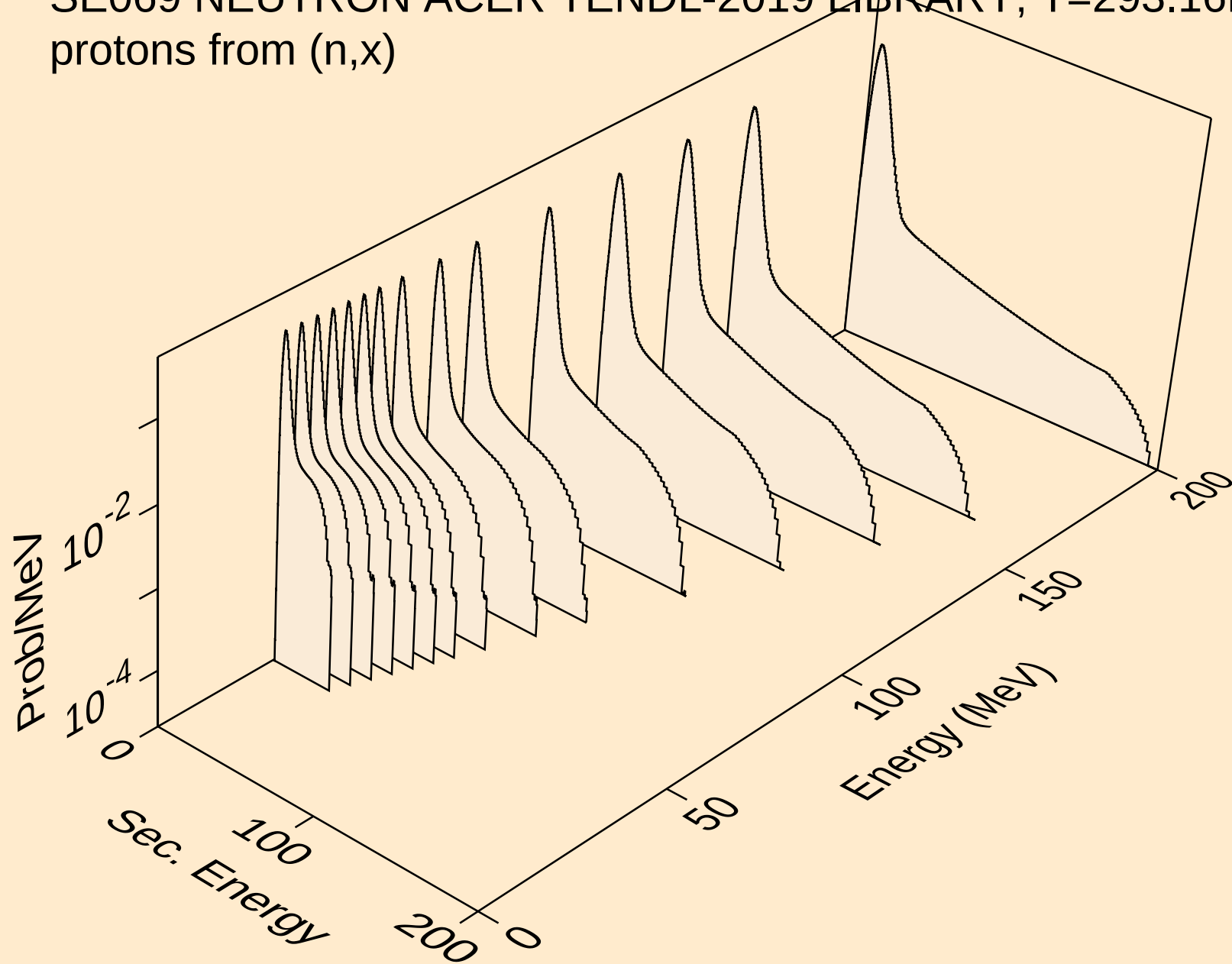


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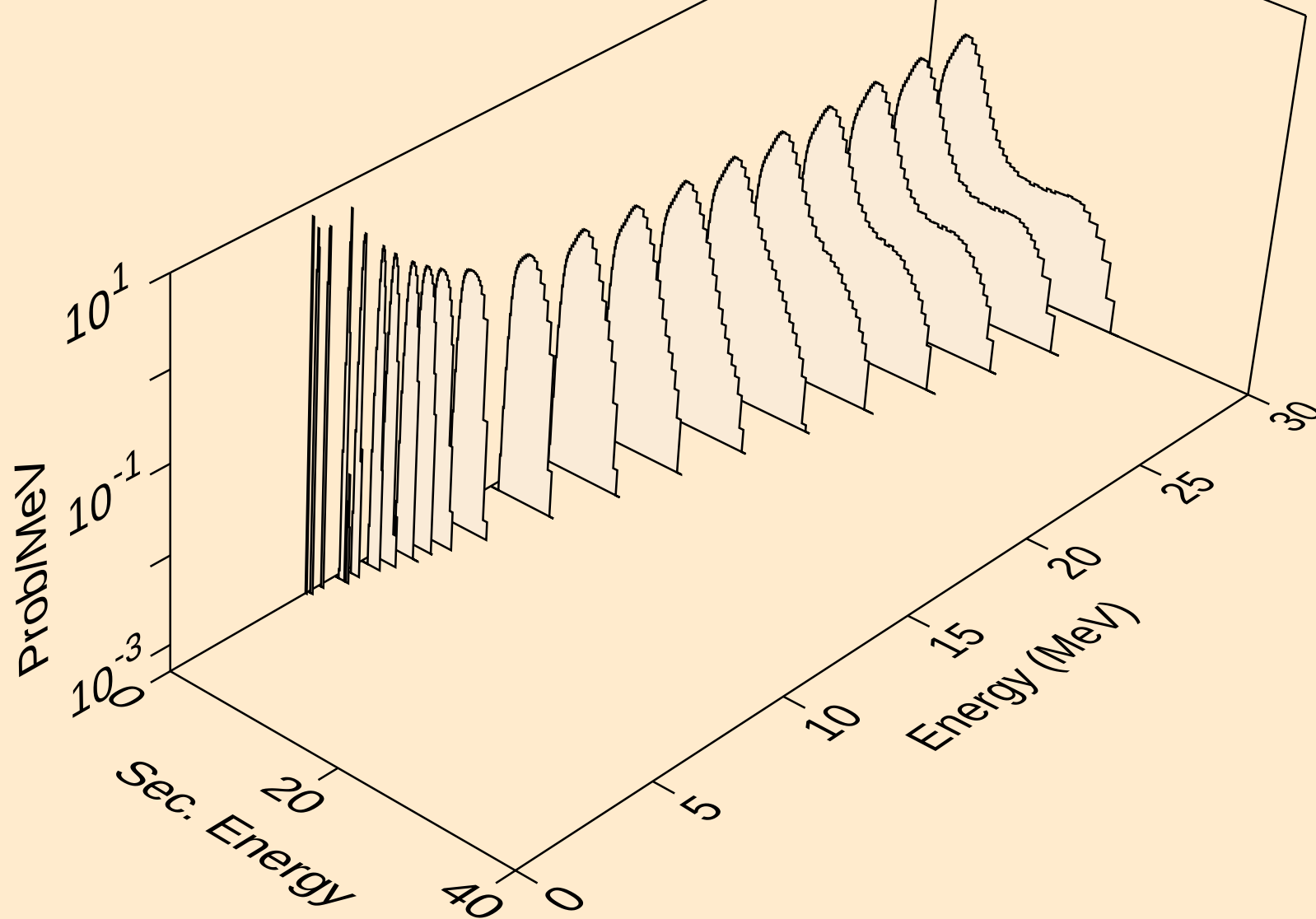
Particle production cross sections



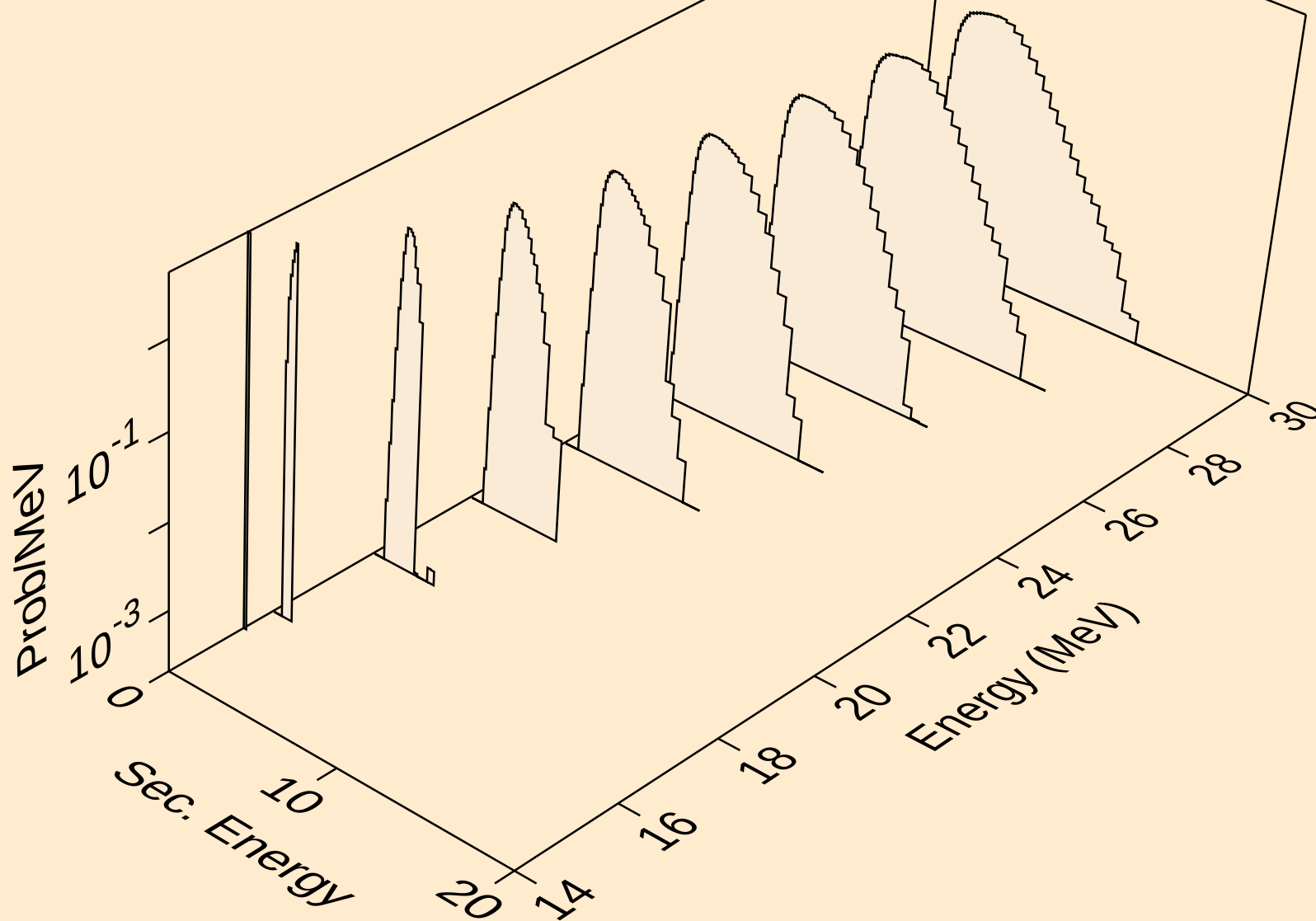
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



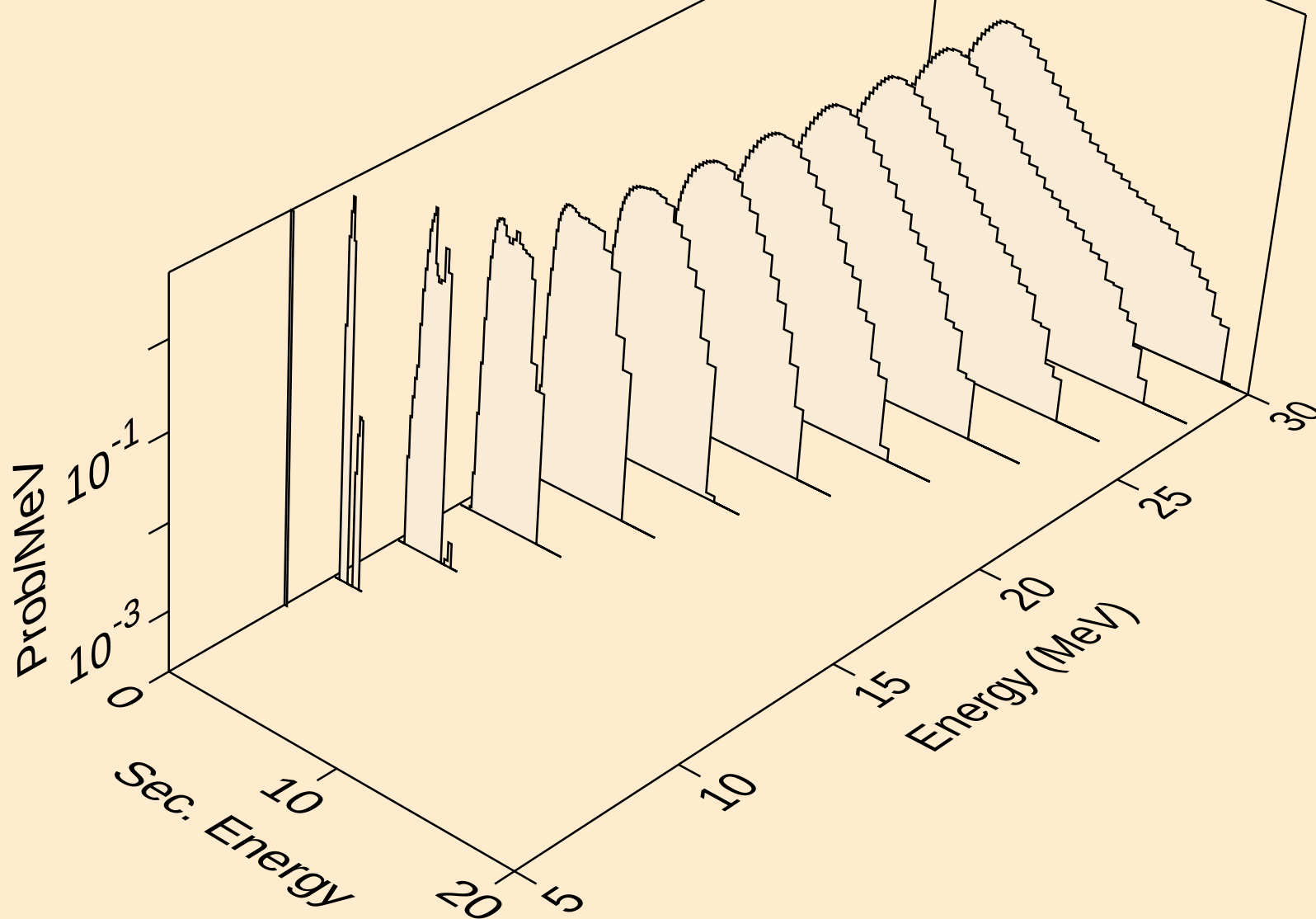
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



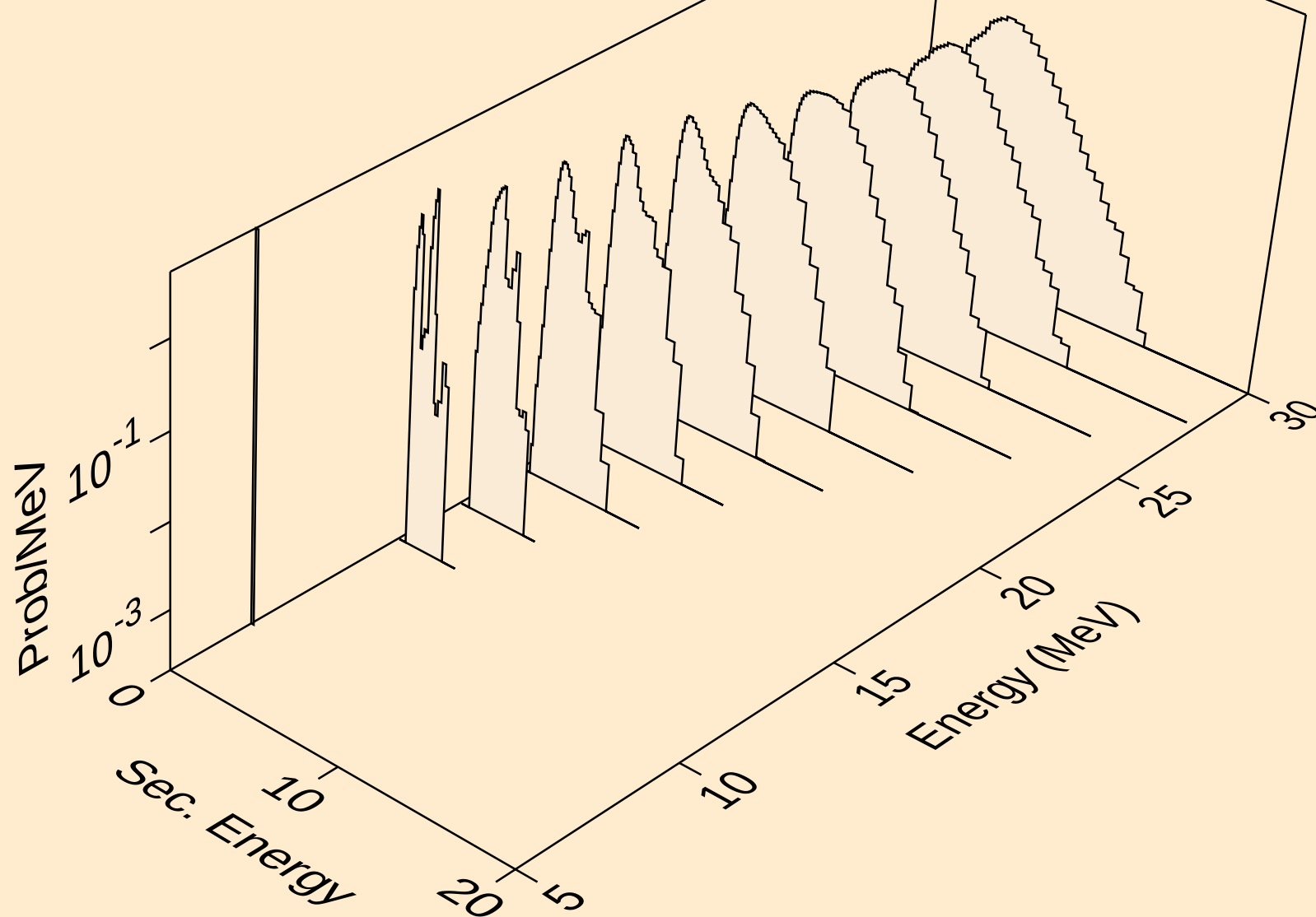
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



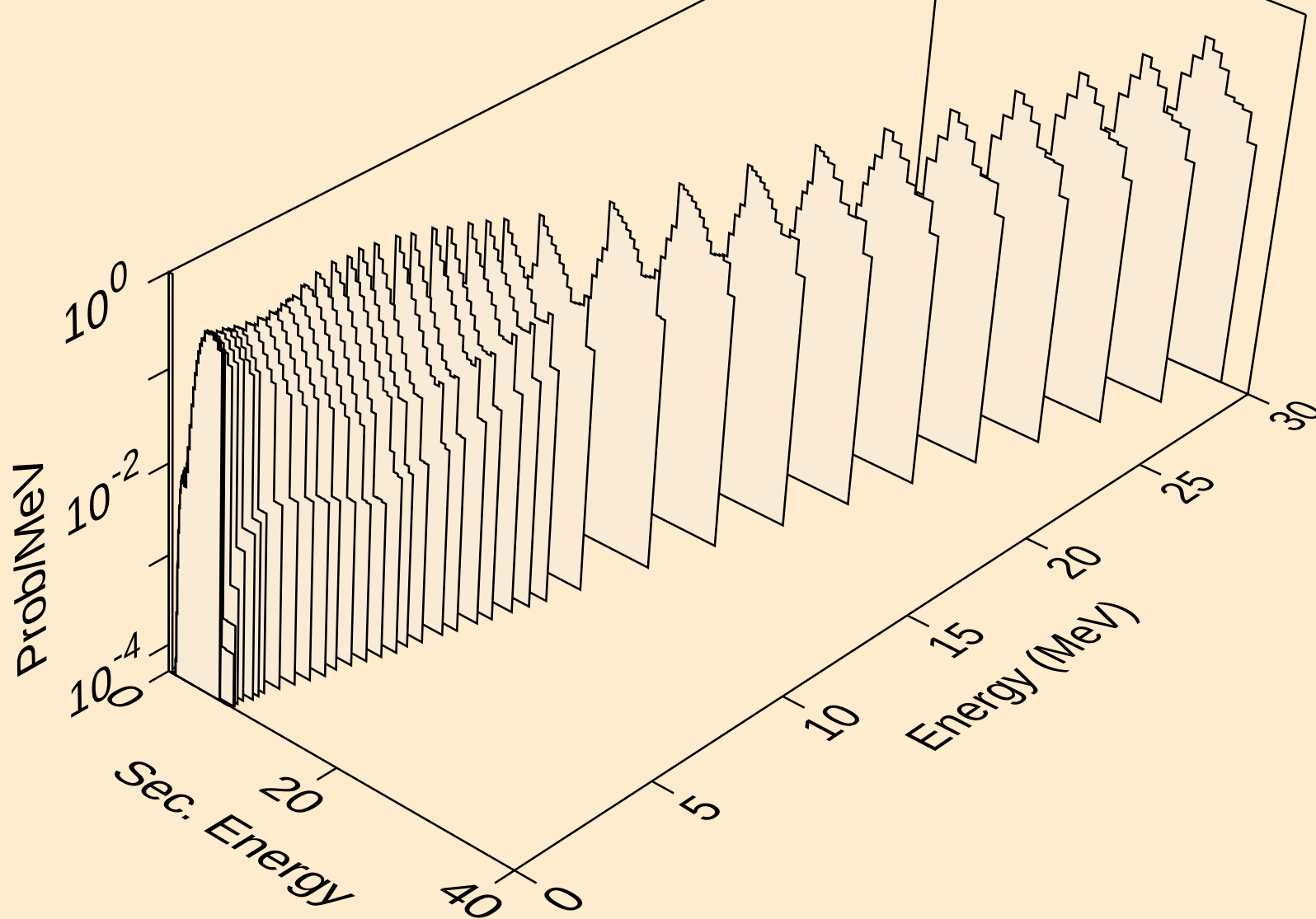
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protons from (n,2np)



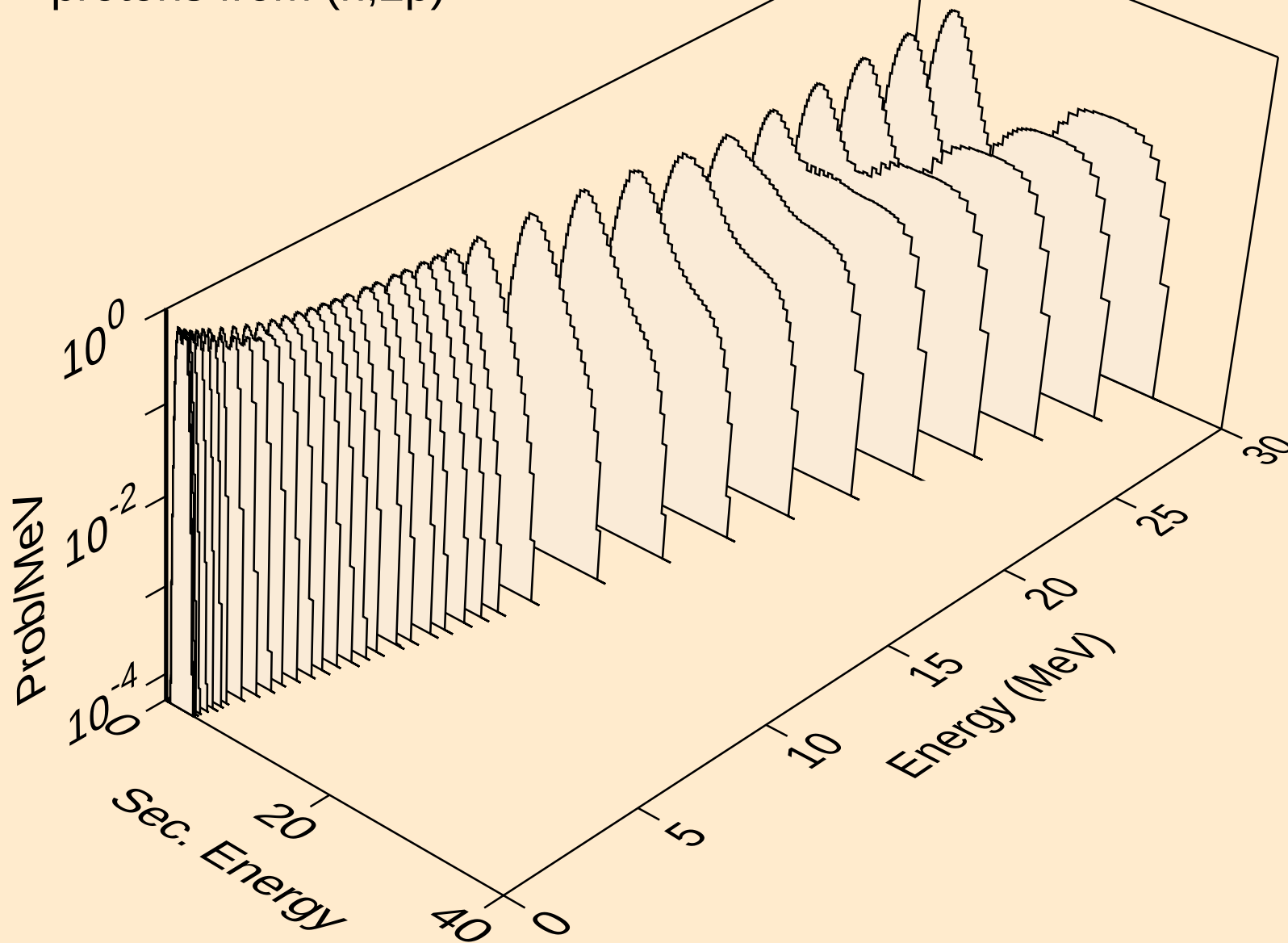
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protons from (n,npa)



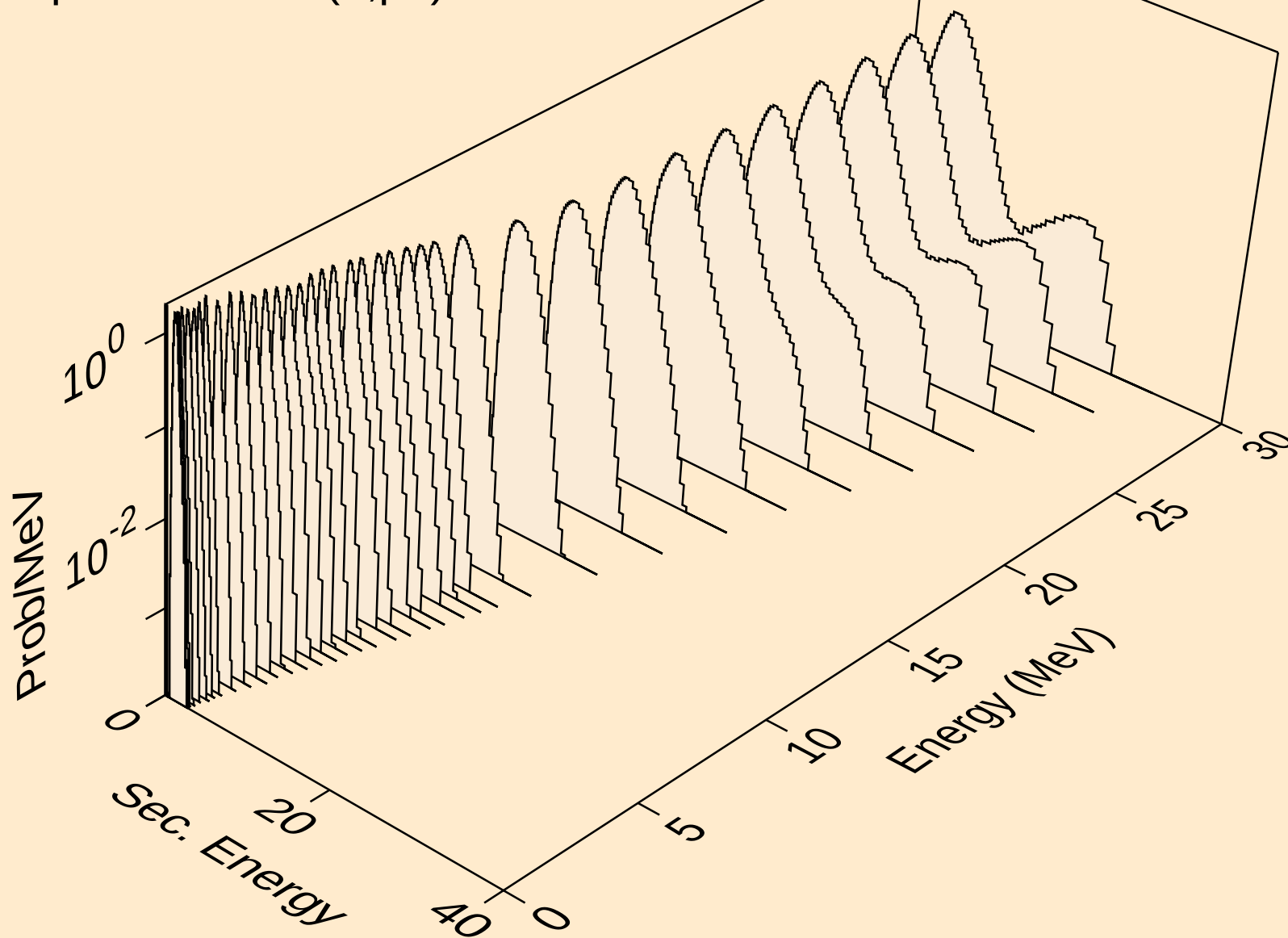
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protons from (n,p)



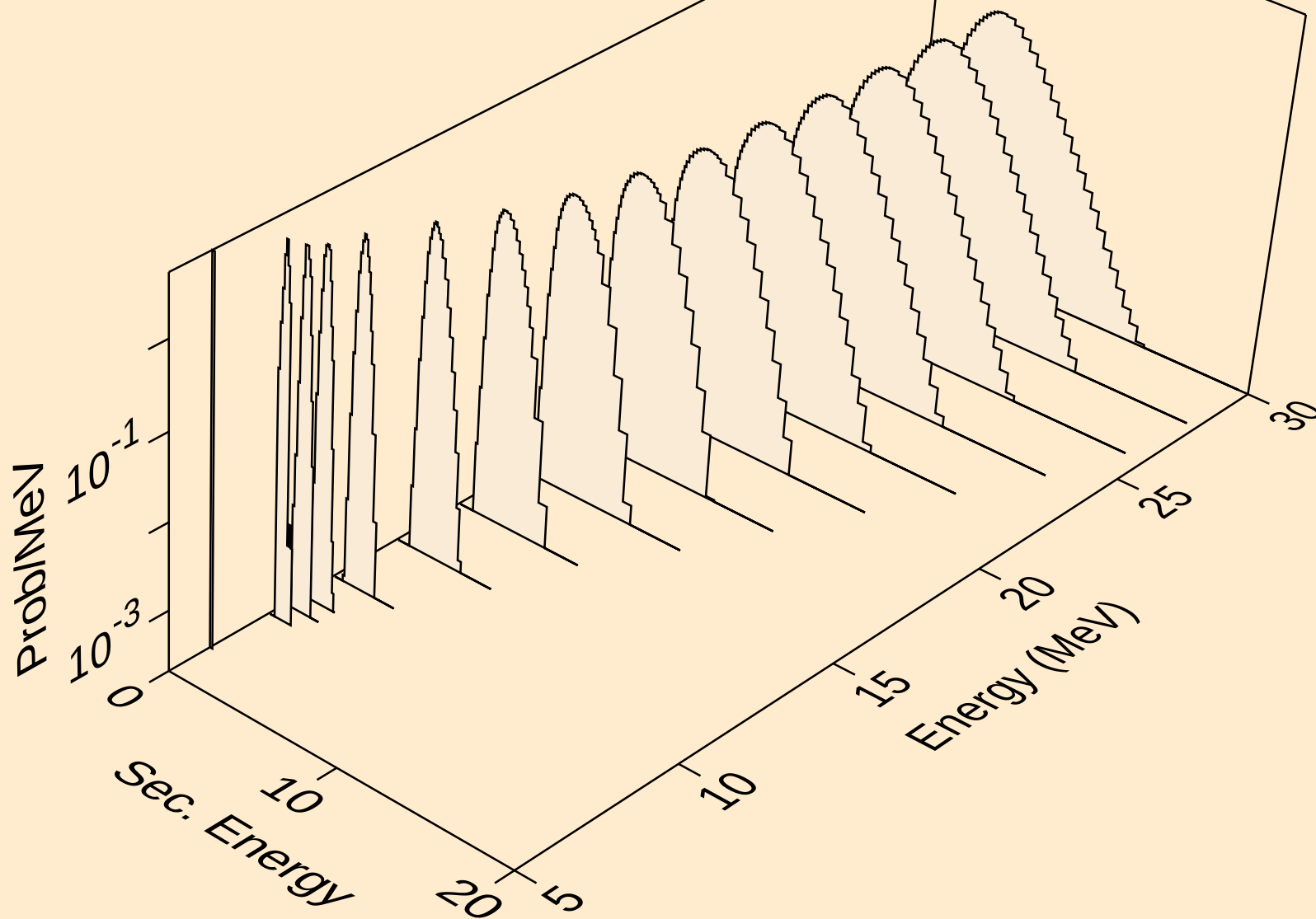
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protons from (n,2p)



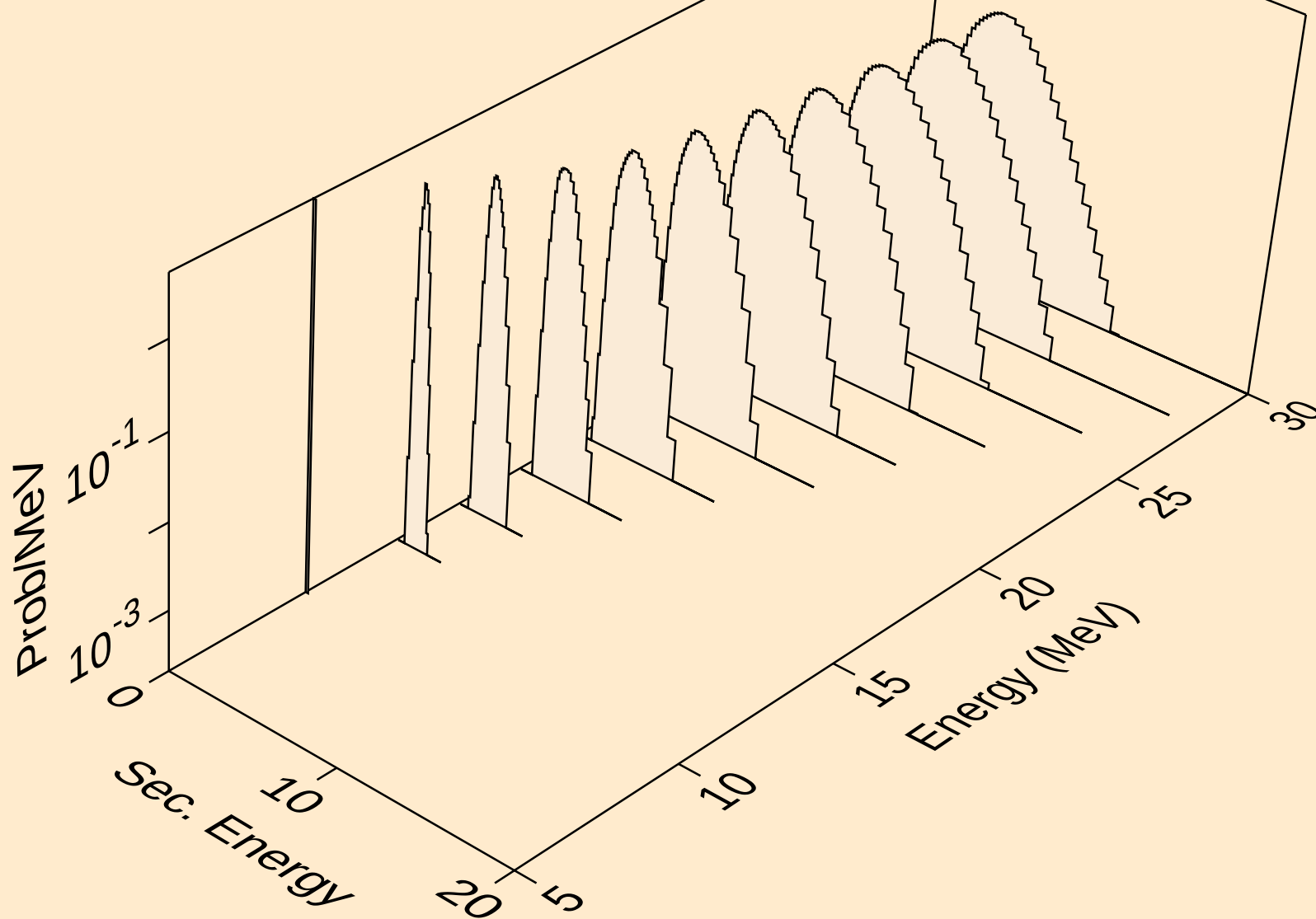
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protons from (n,p)



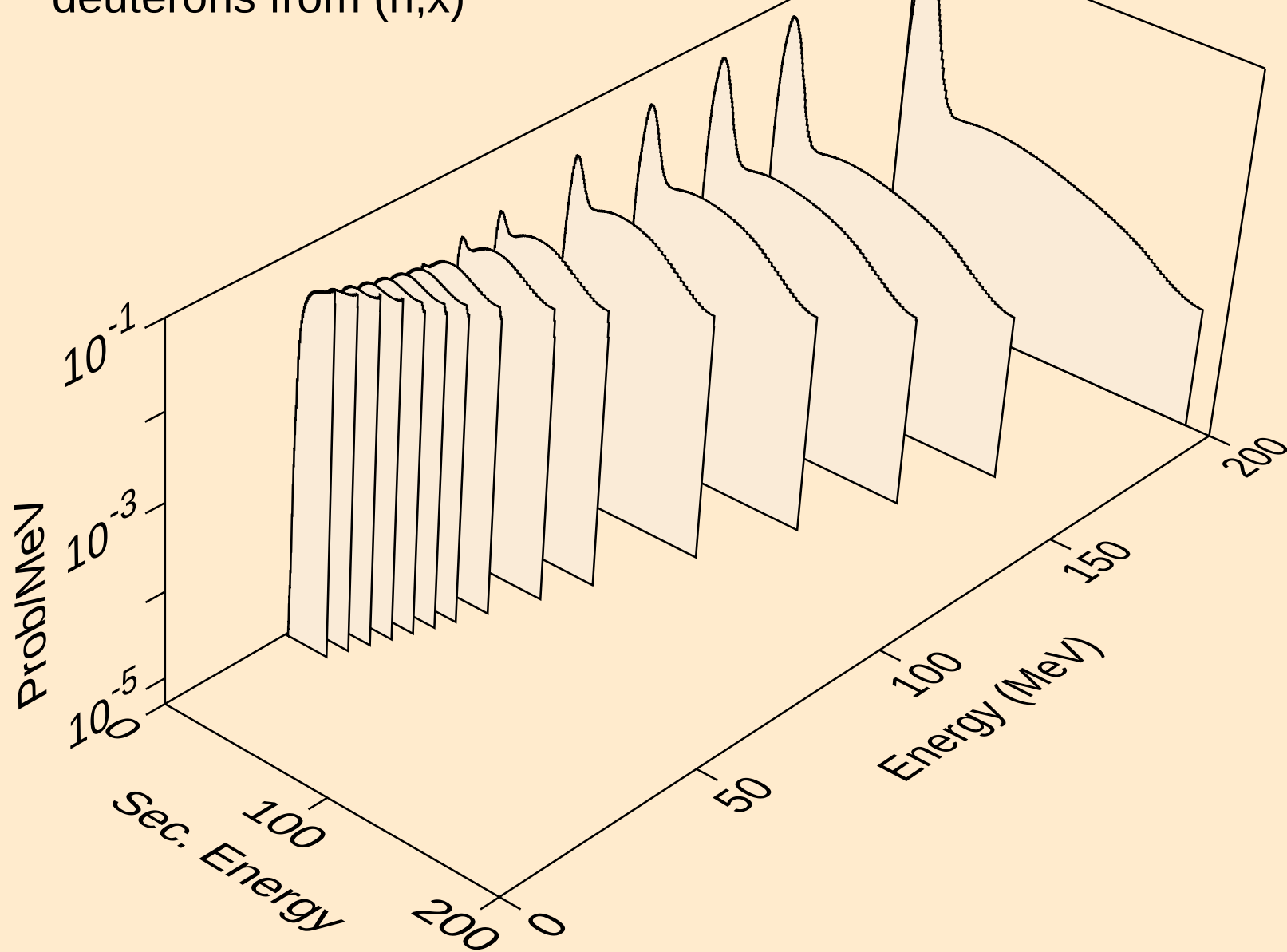
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protons from (n,pd)



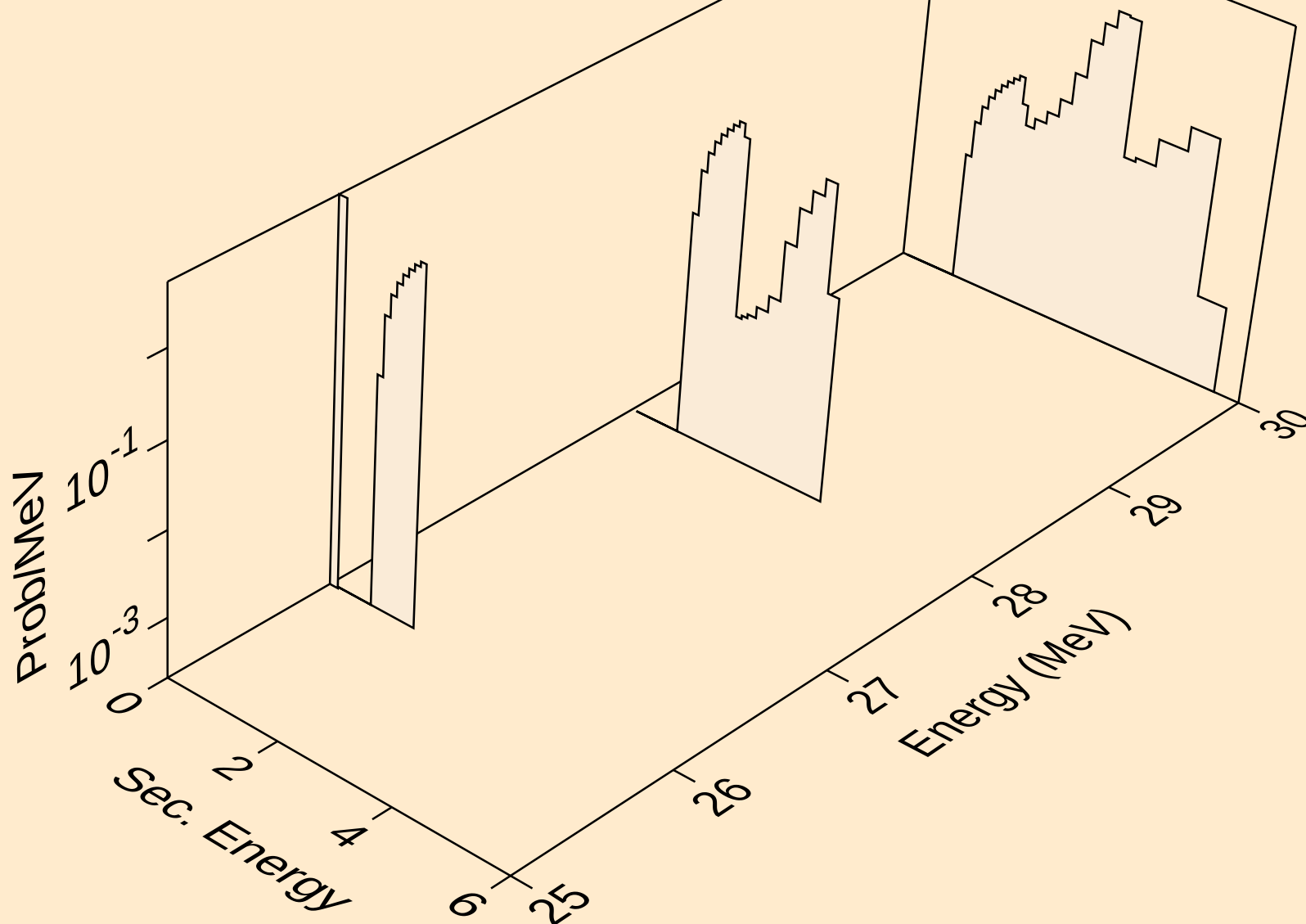
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



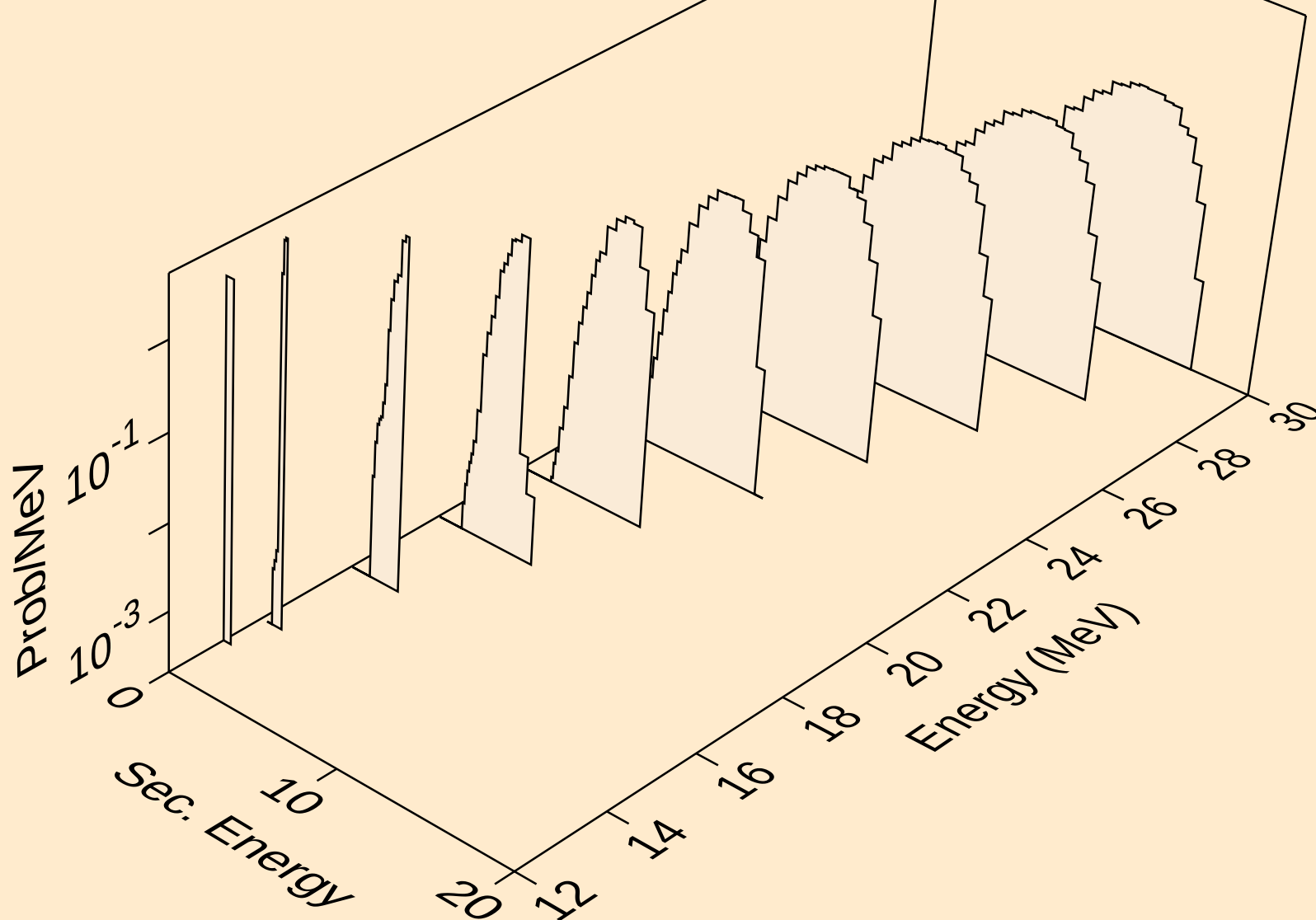
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



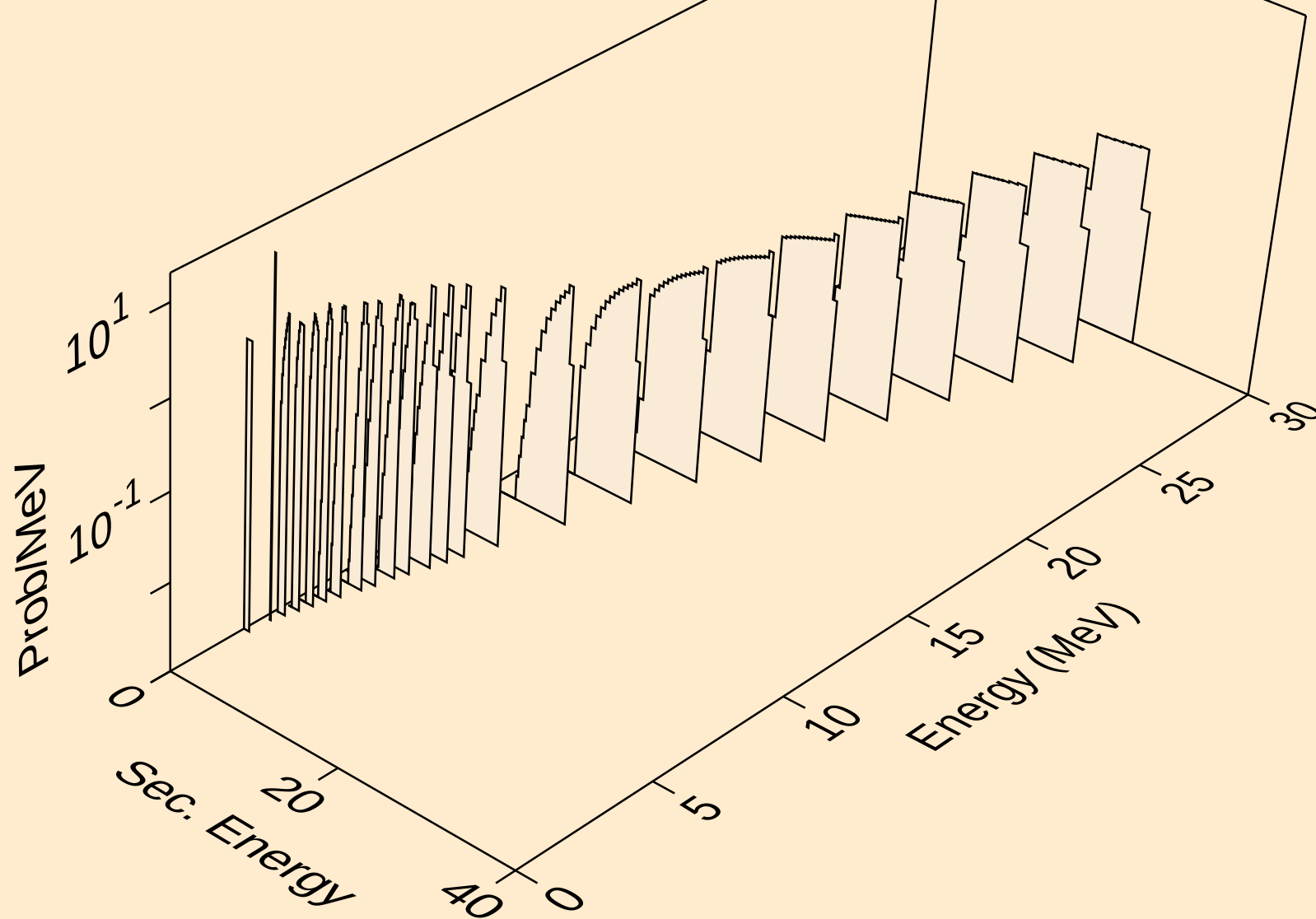
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



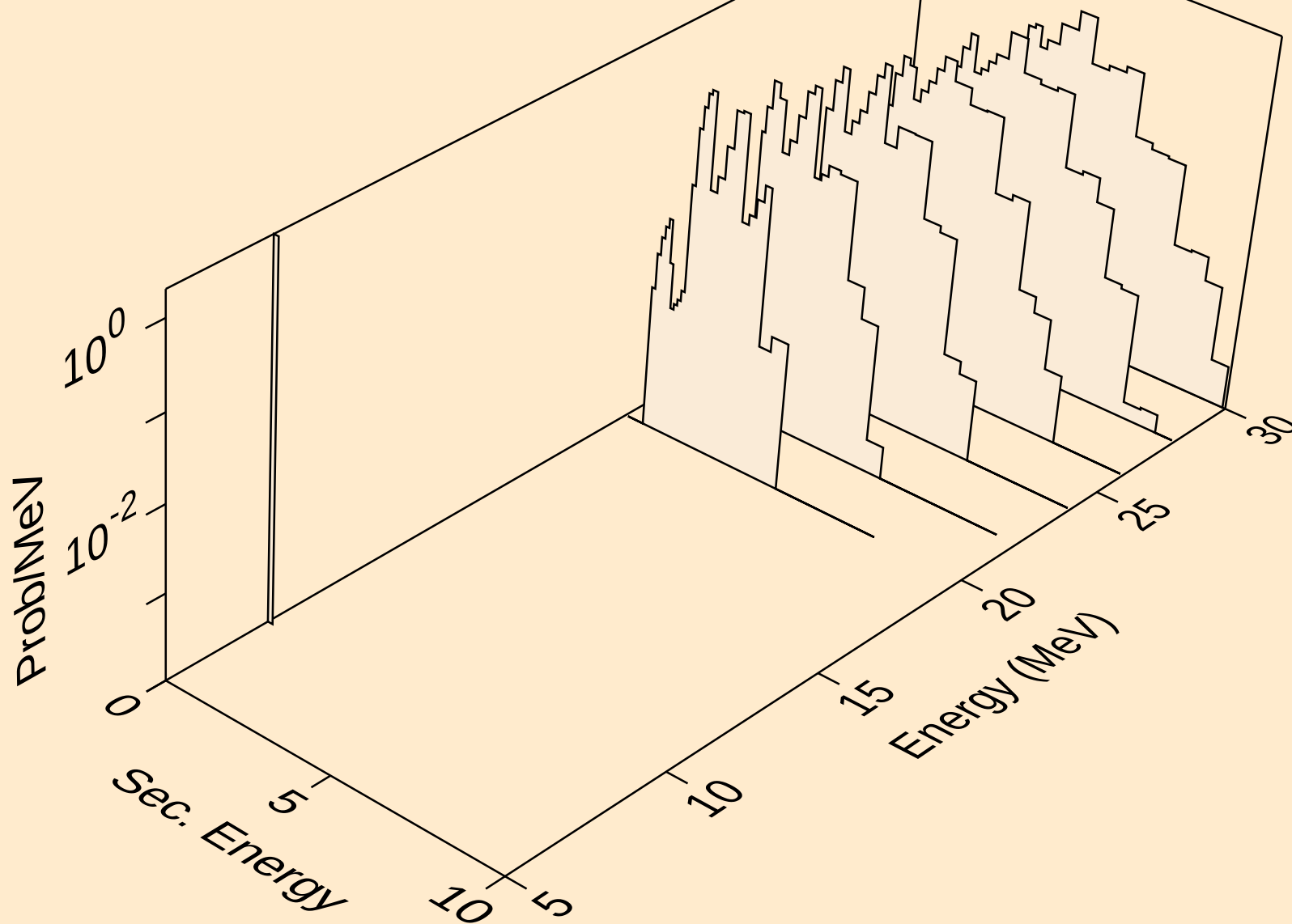
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



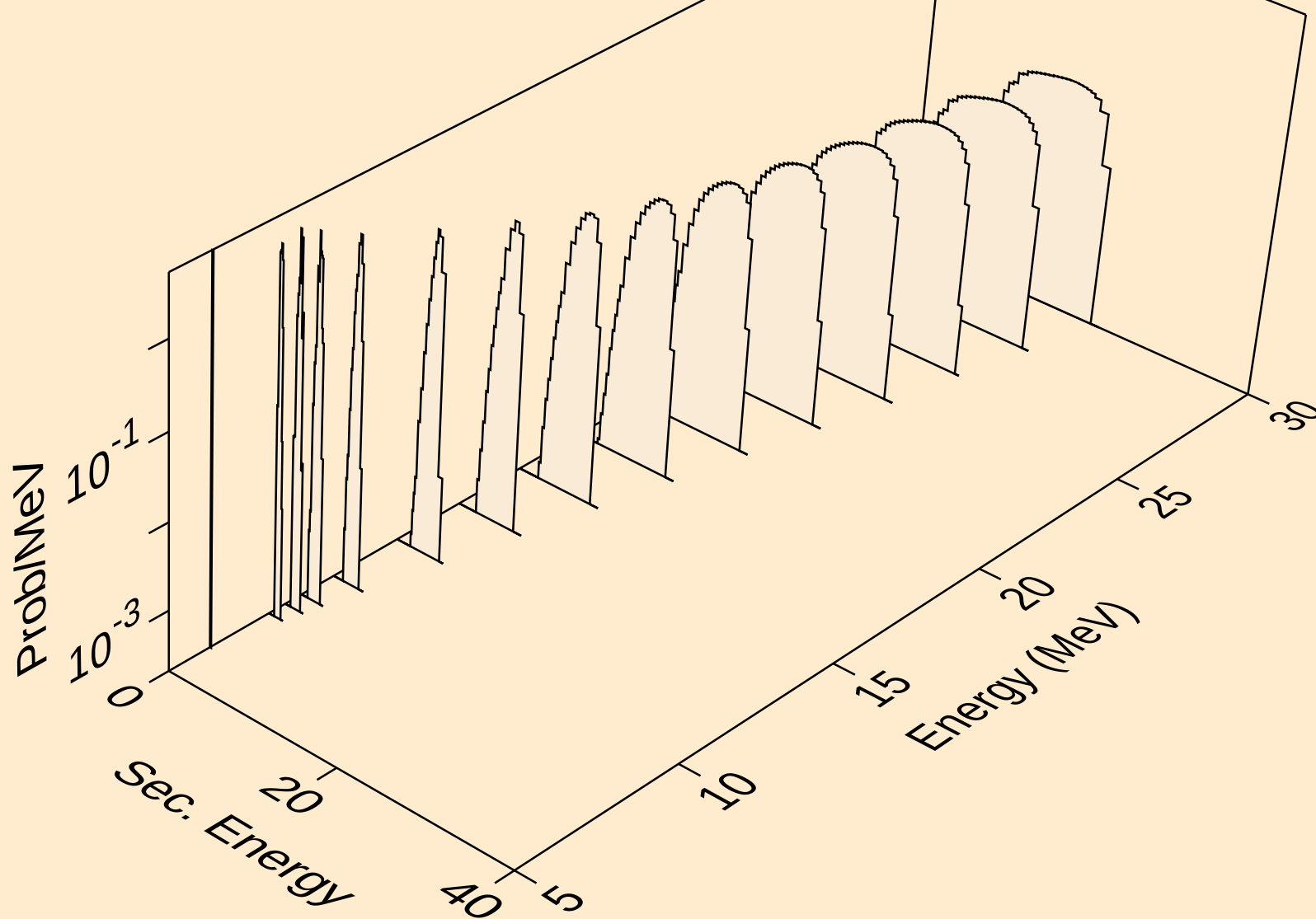
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



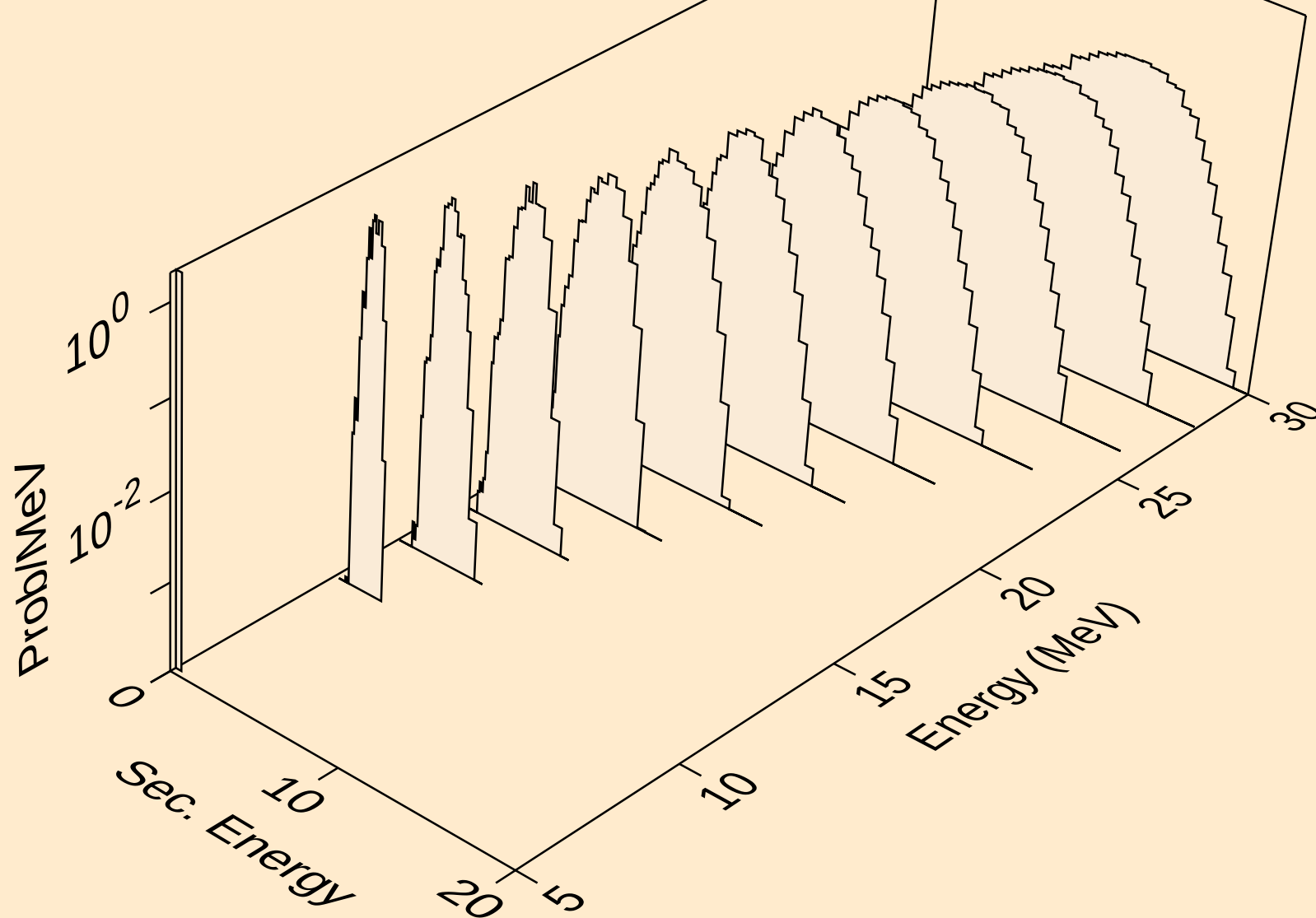
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deuterons from (n,d2a)



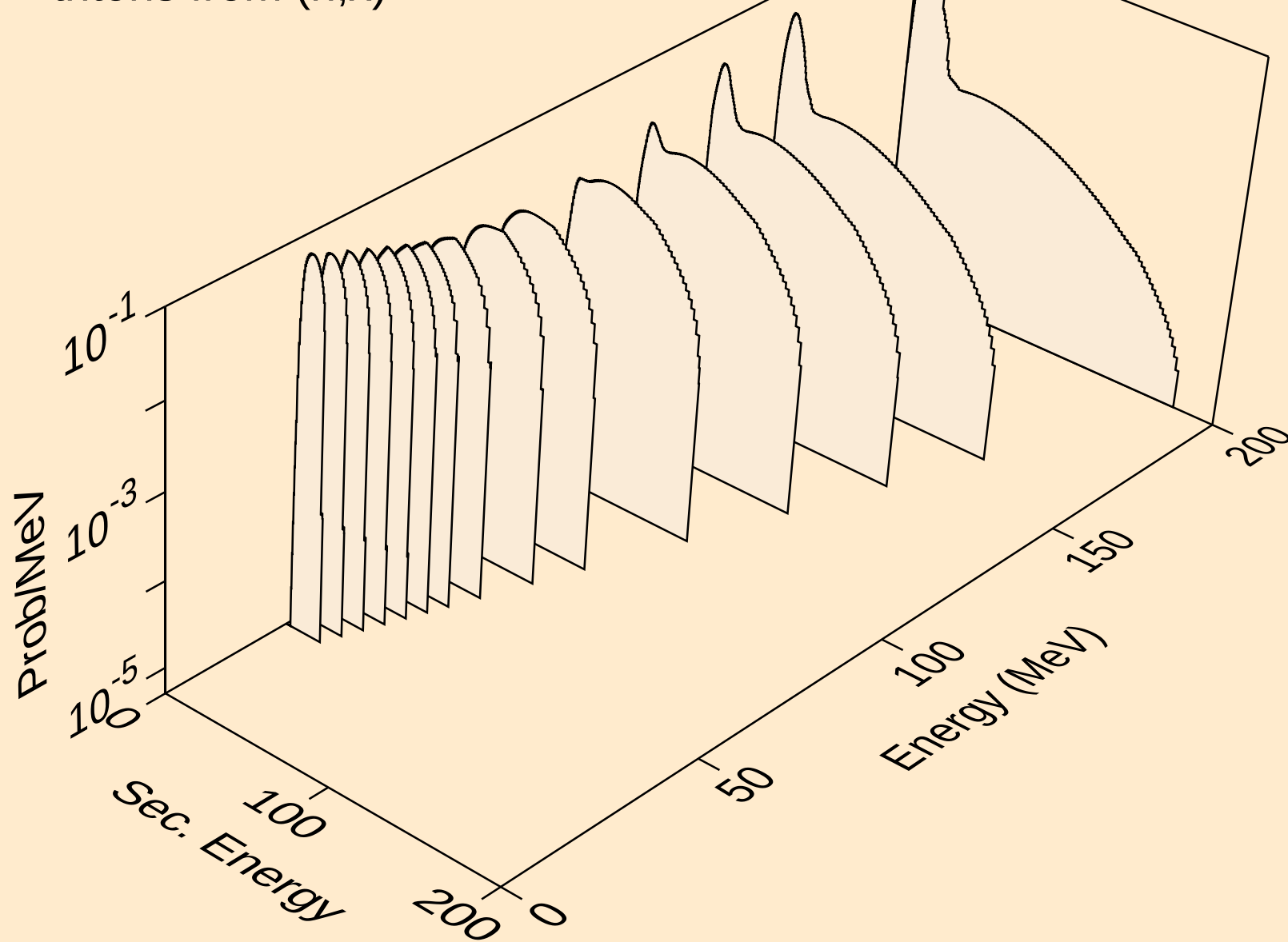
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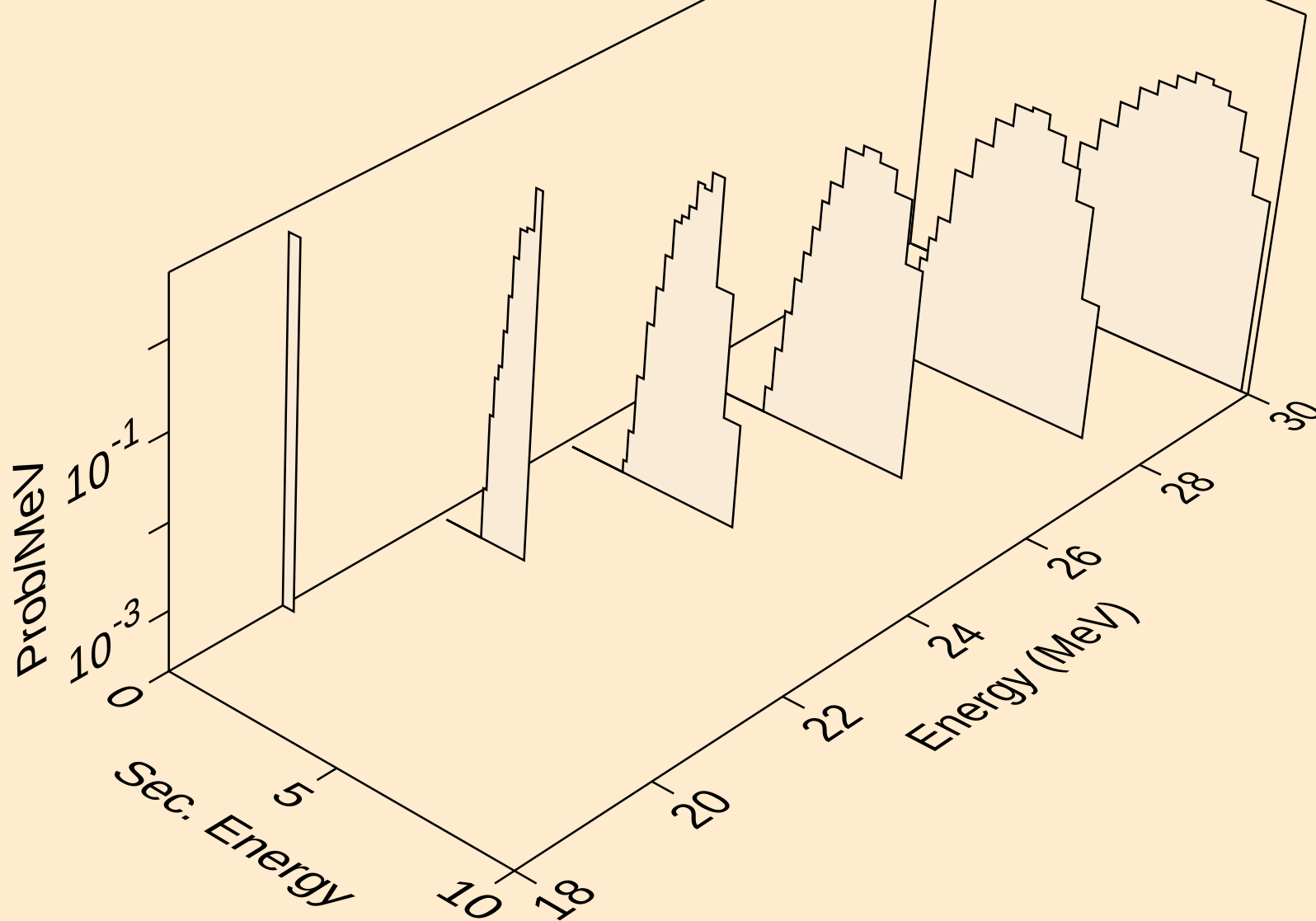
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



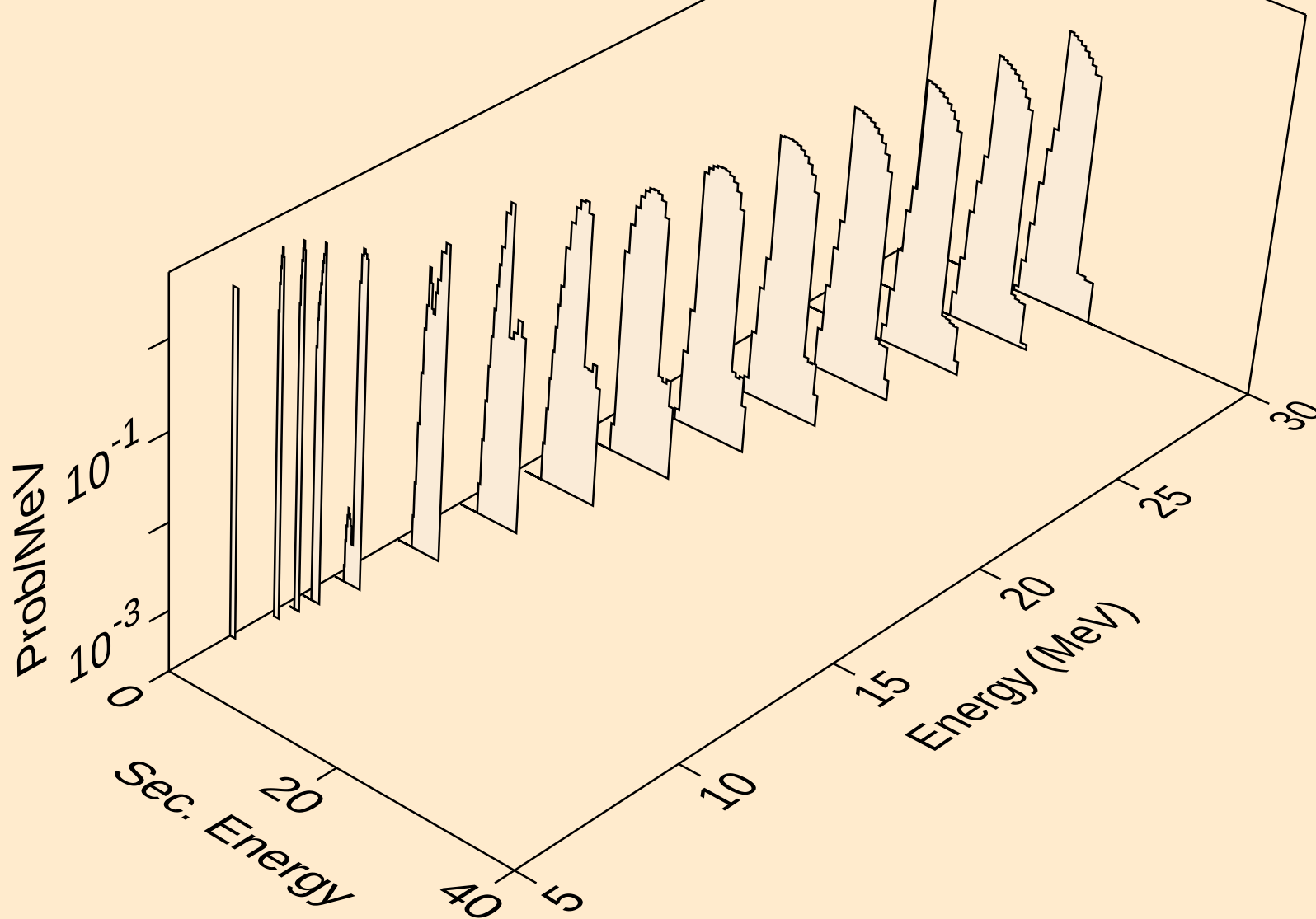
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tritons from (n,x)



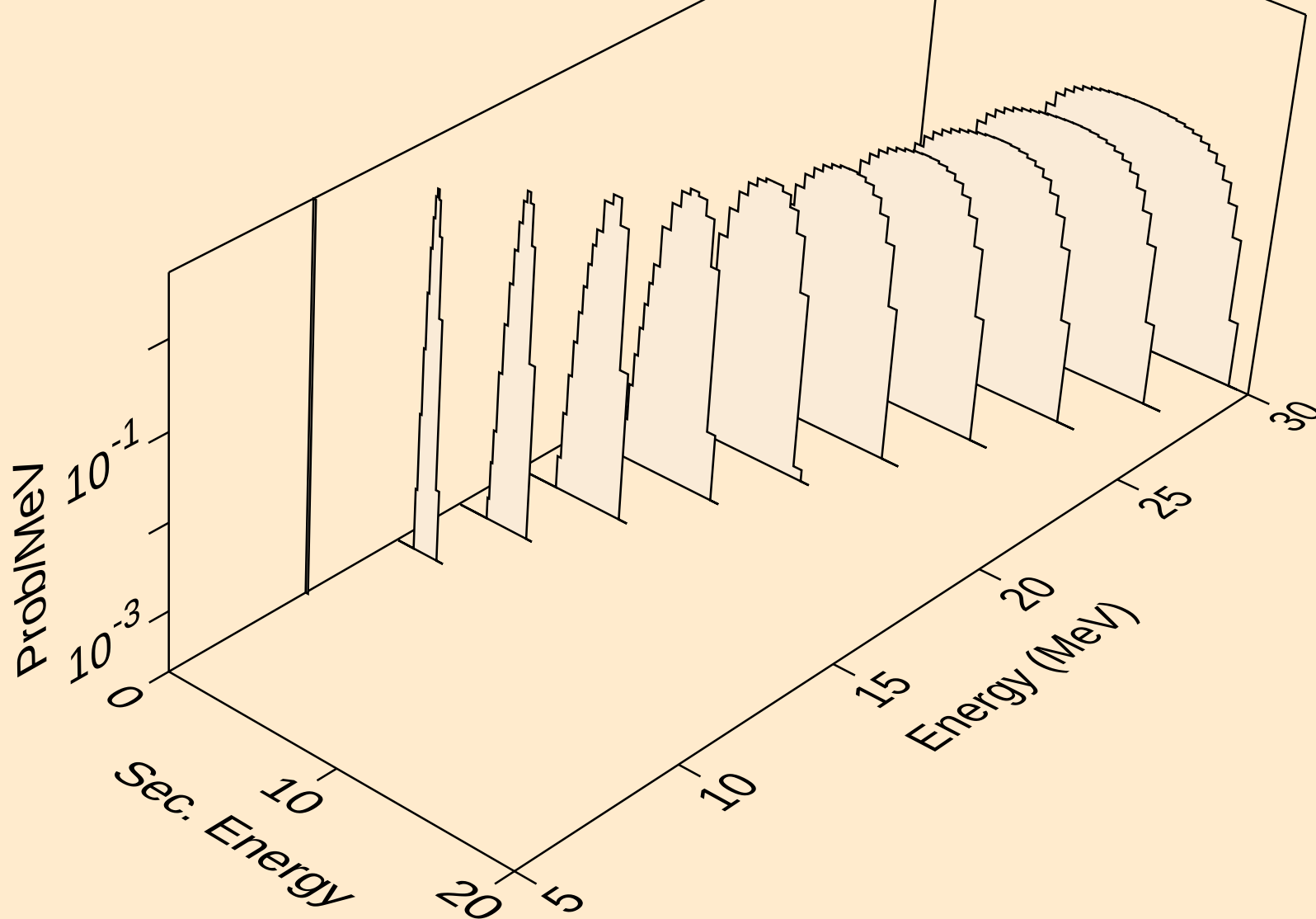
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



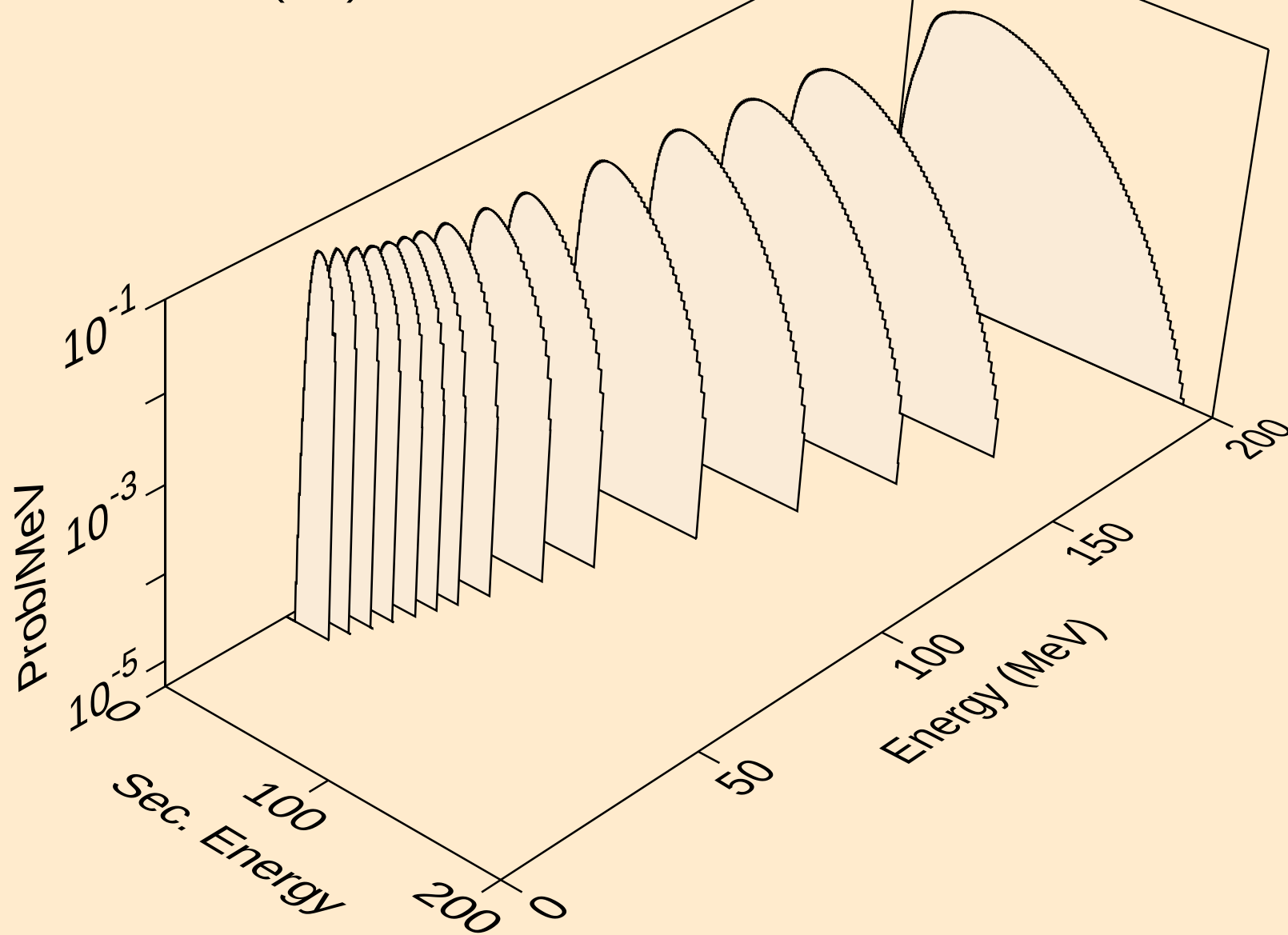
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tritons from (n,t)



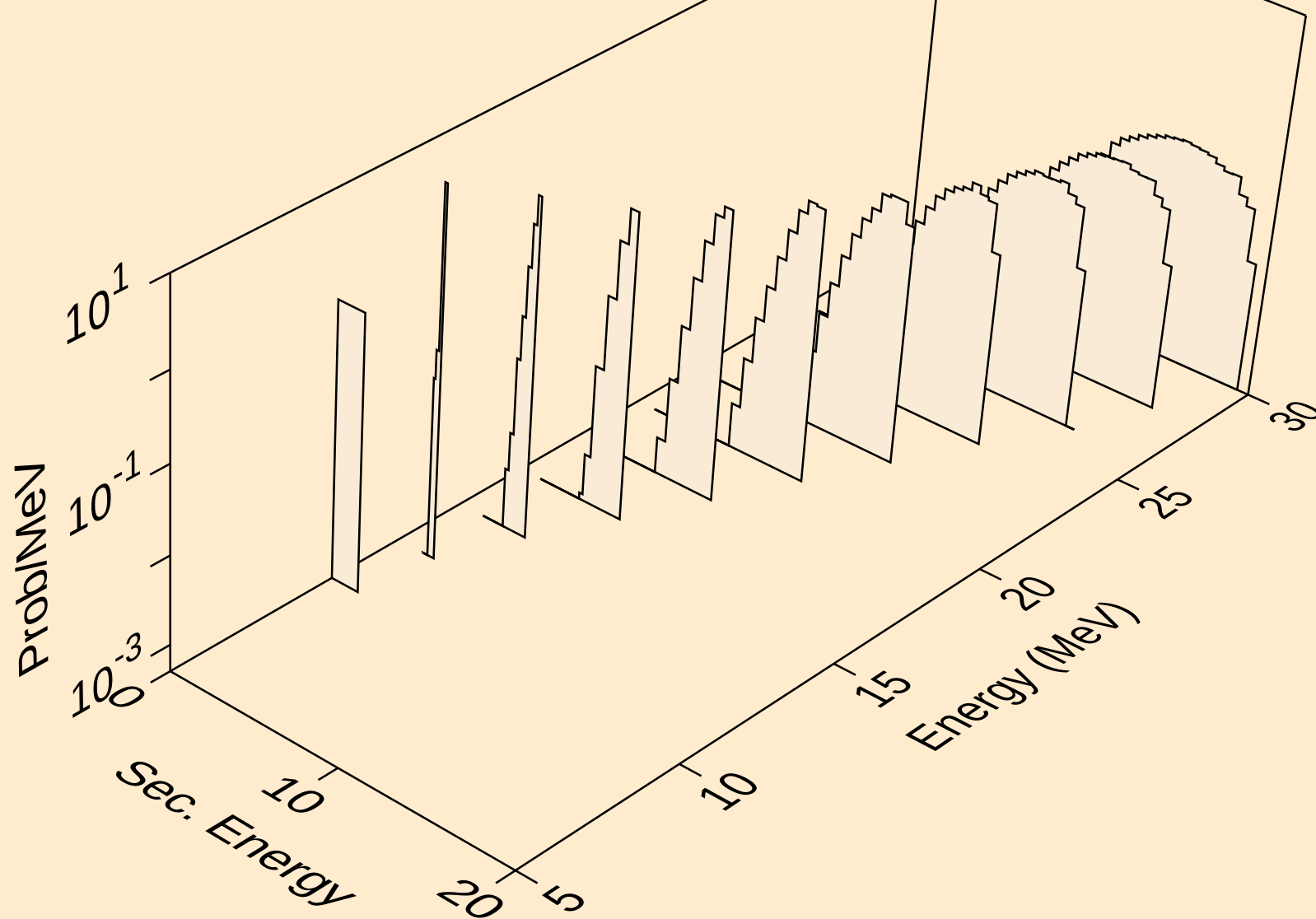
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



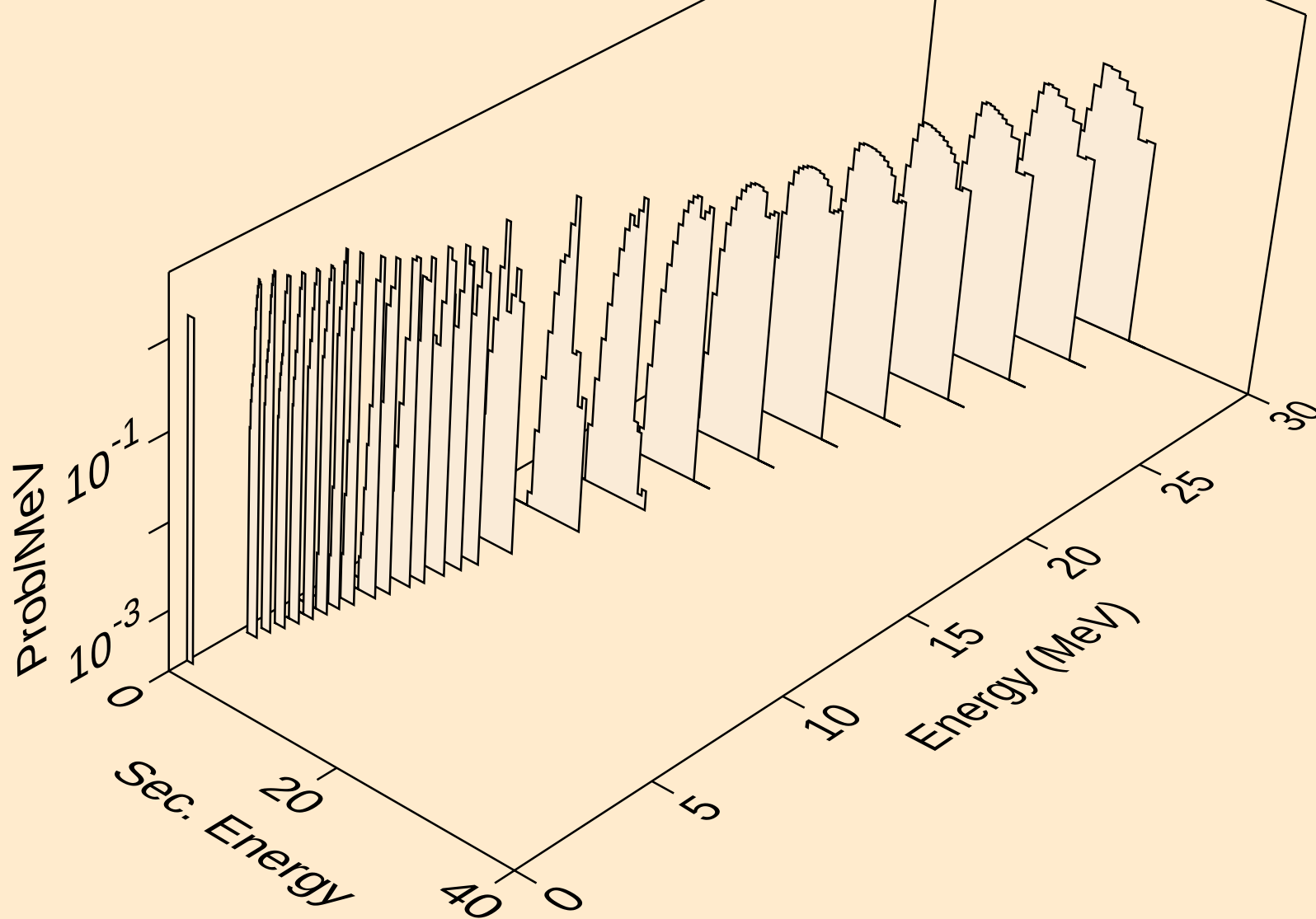
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



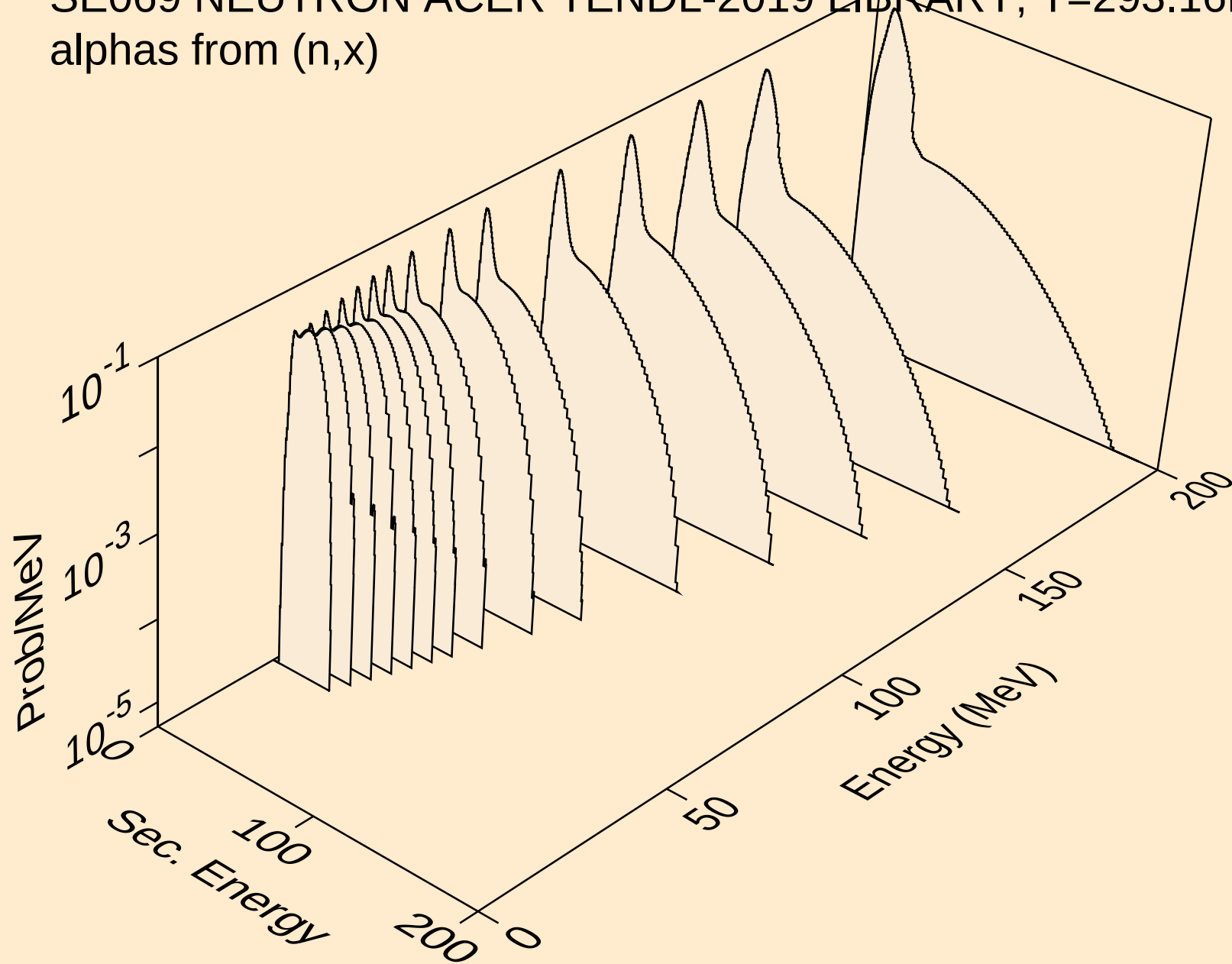
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he3s from (n,n*)he3



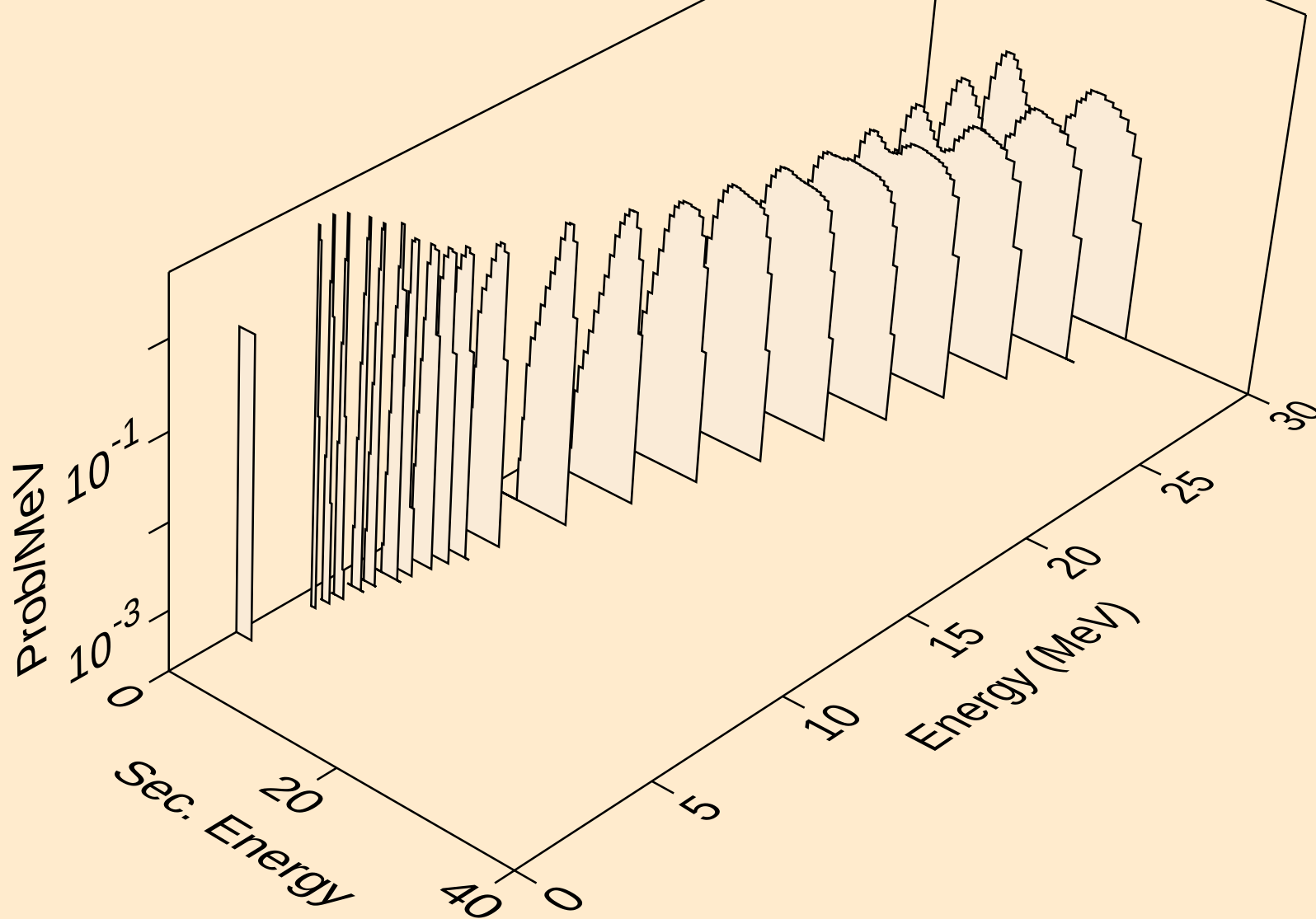
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he3s from (n,he3)



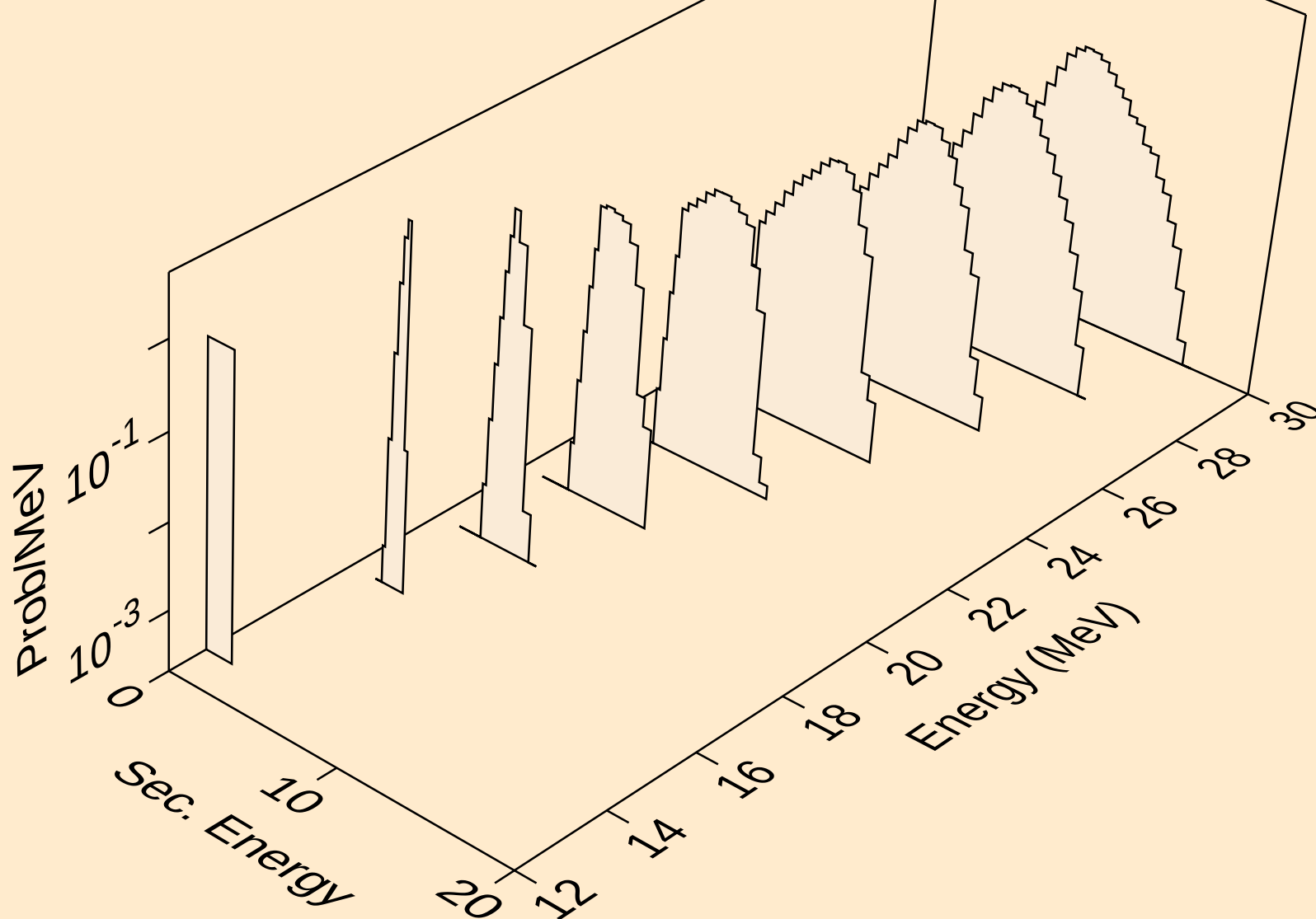
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



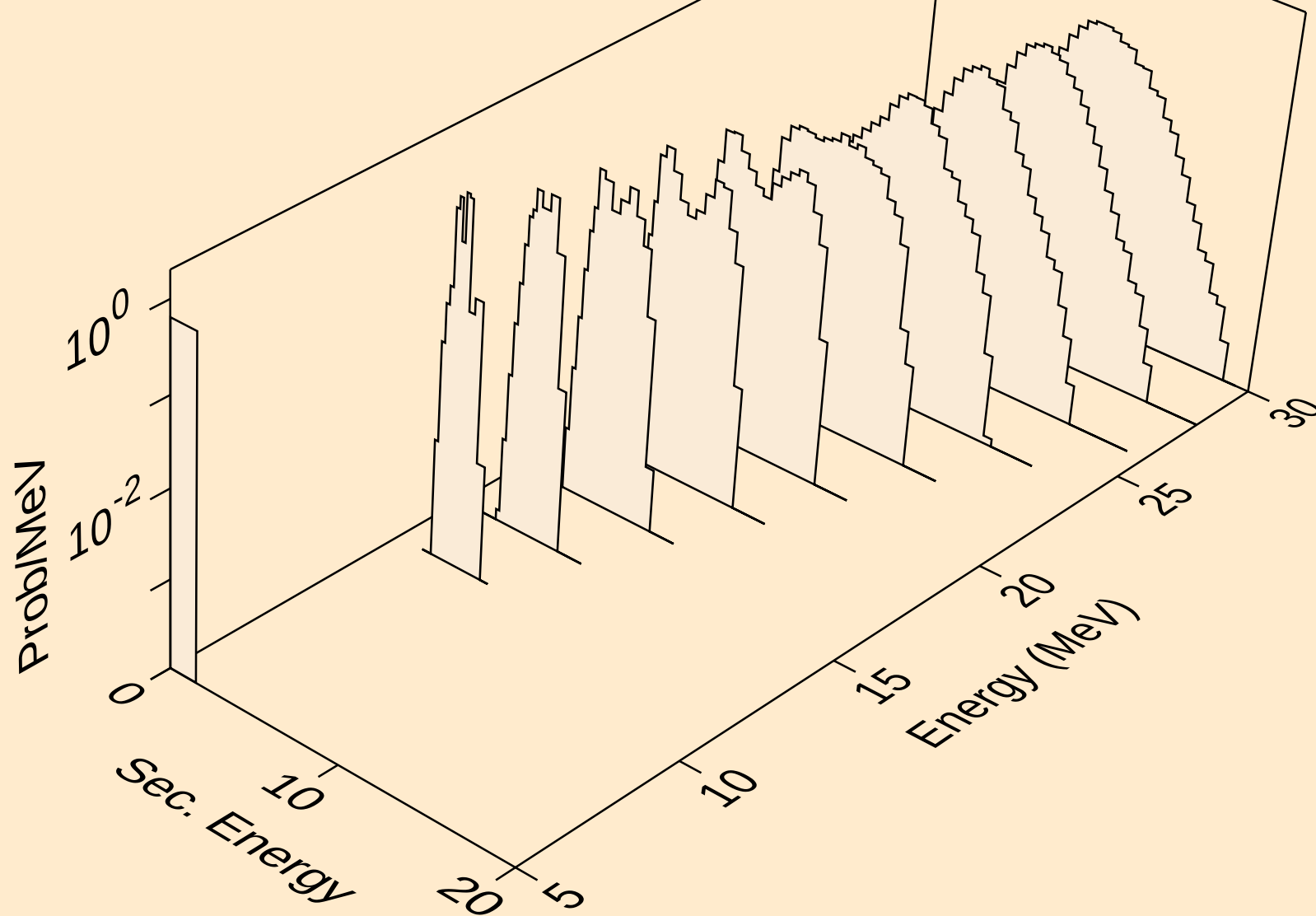
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



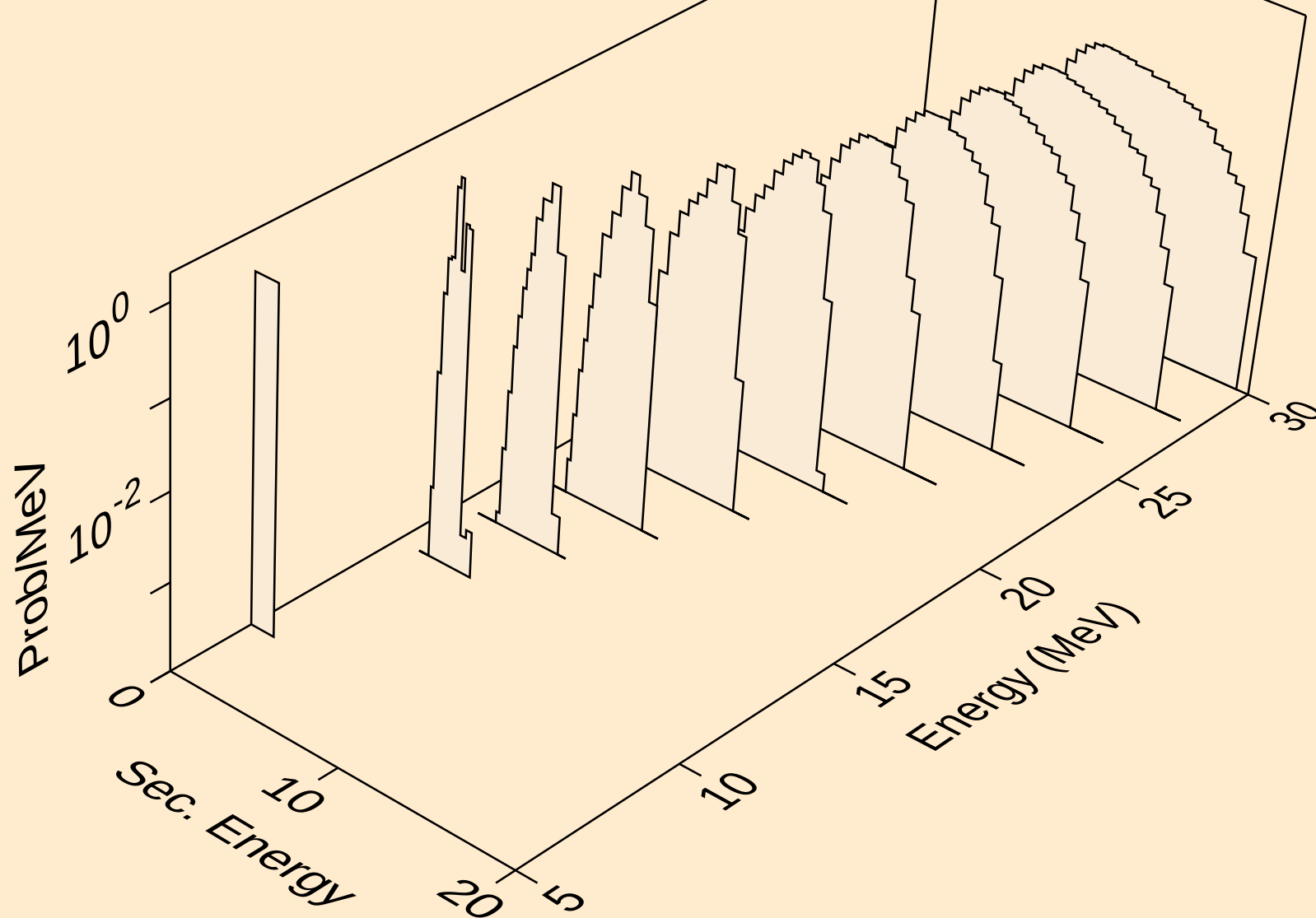
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



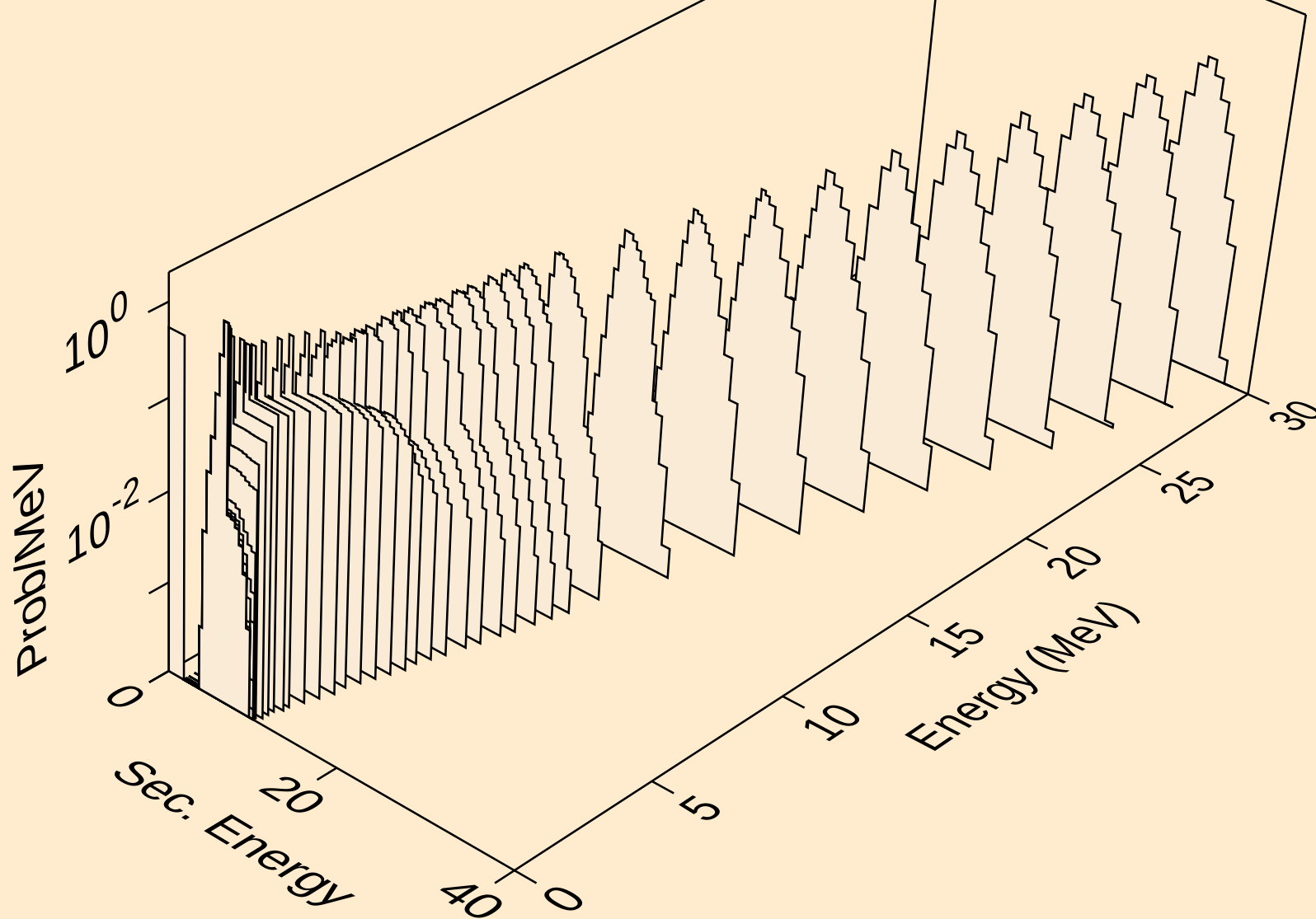
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alphas from (n,n*)2a



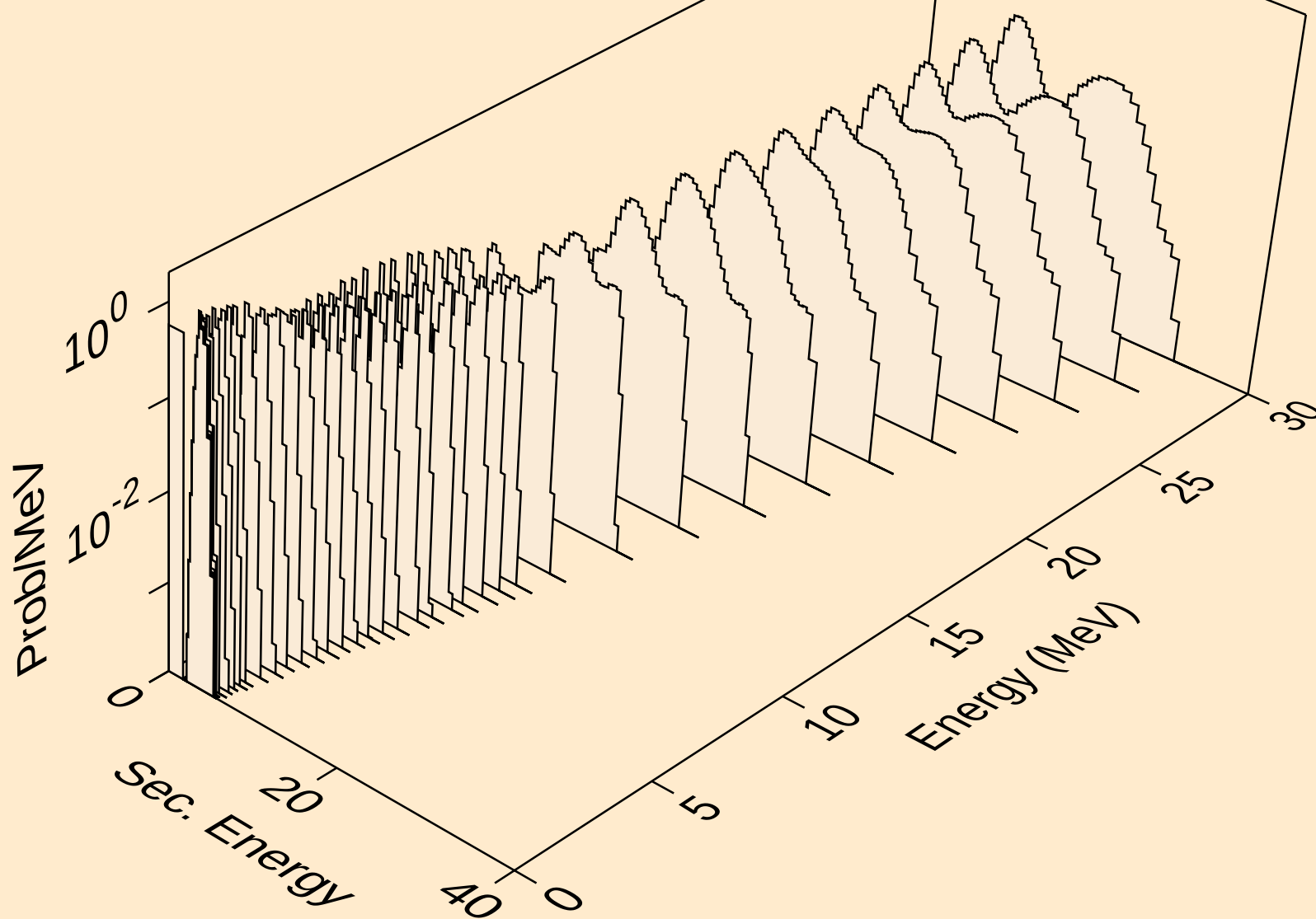
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alphas from (n,npa)



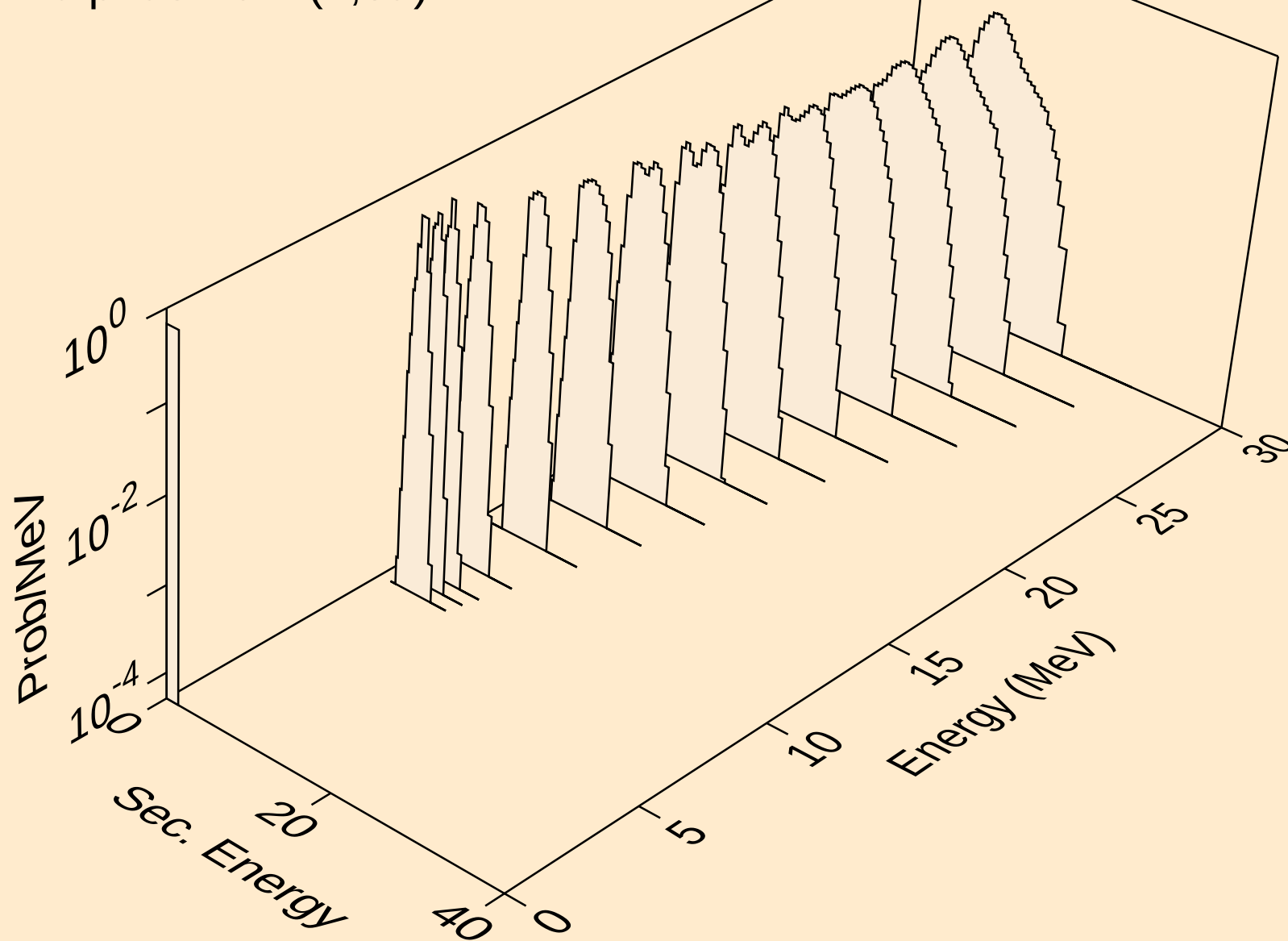
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alphas from (n,a)



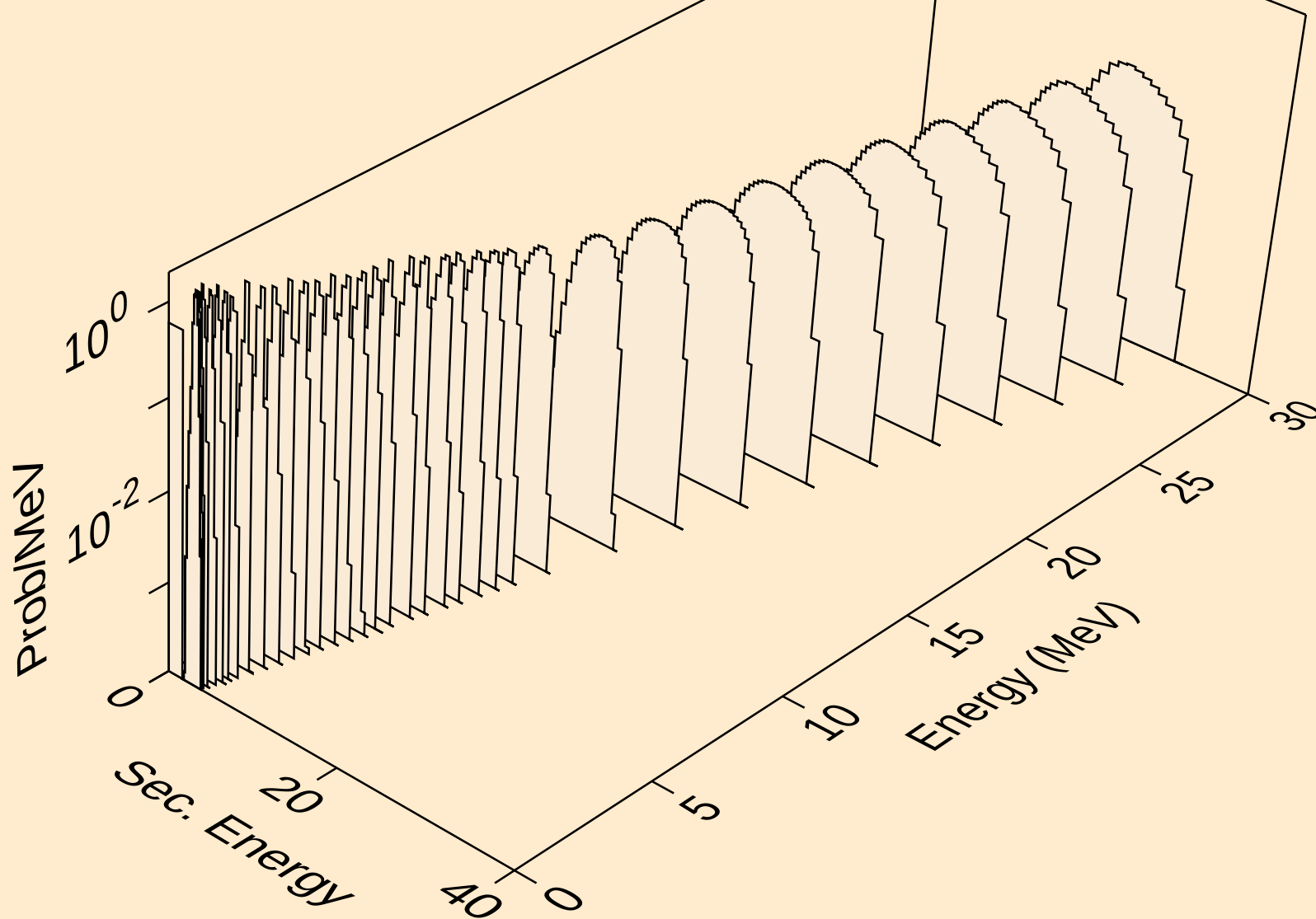
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alphas from (n,2a)



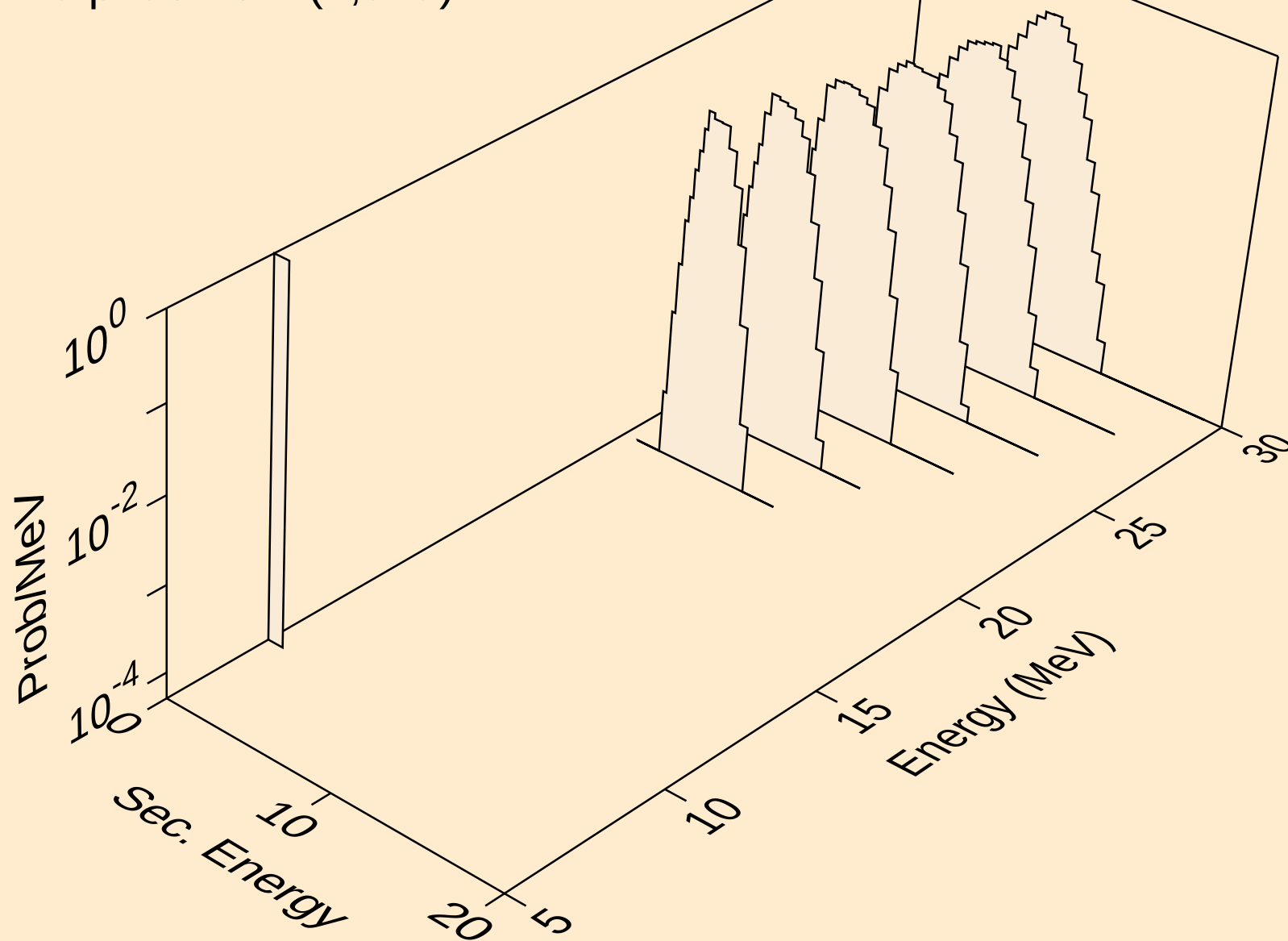
SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



SE069 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

