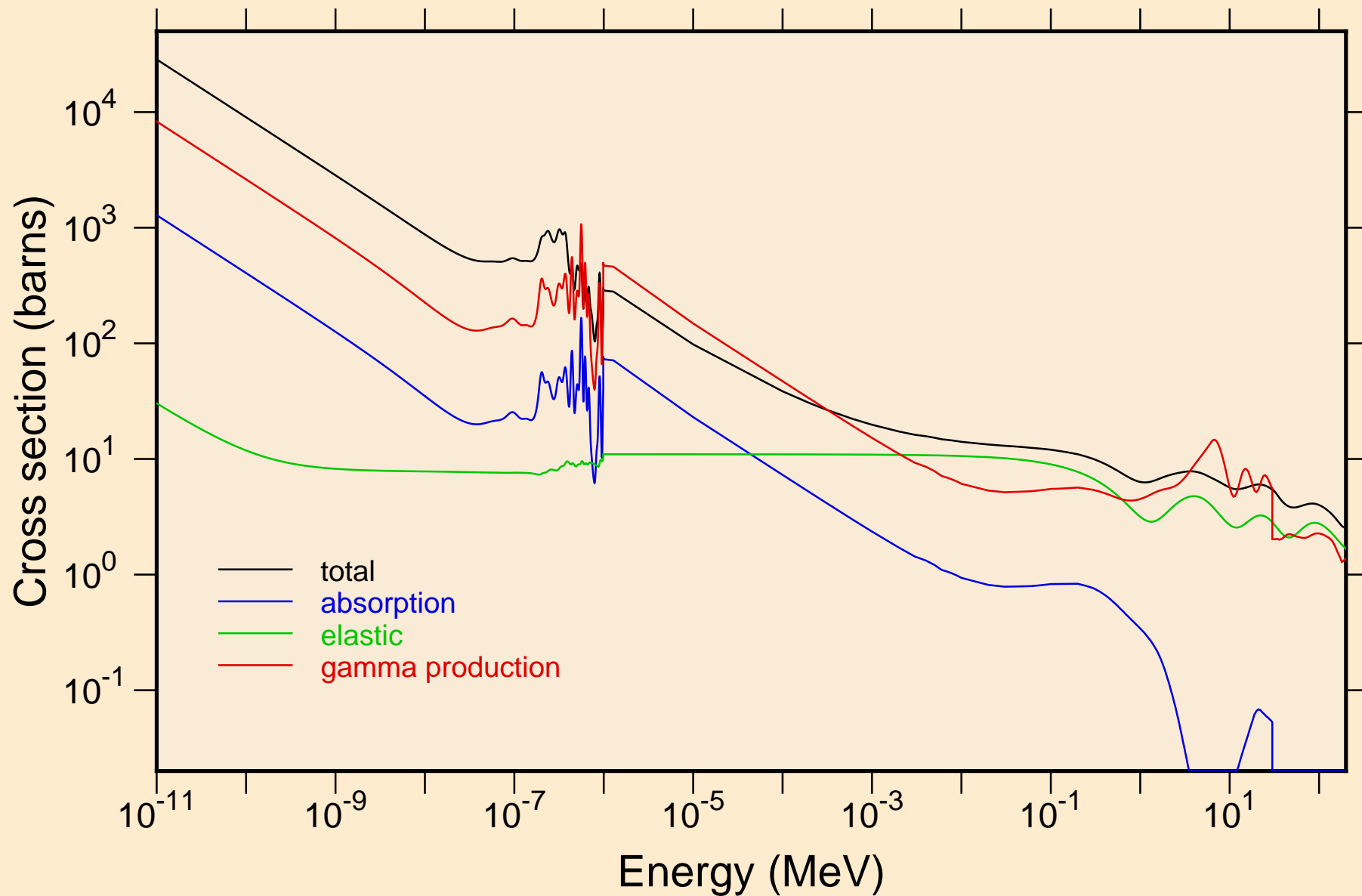
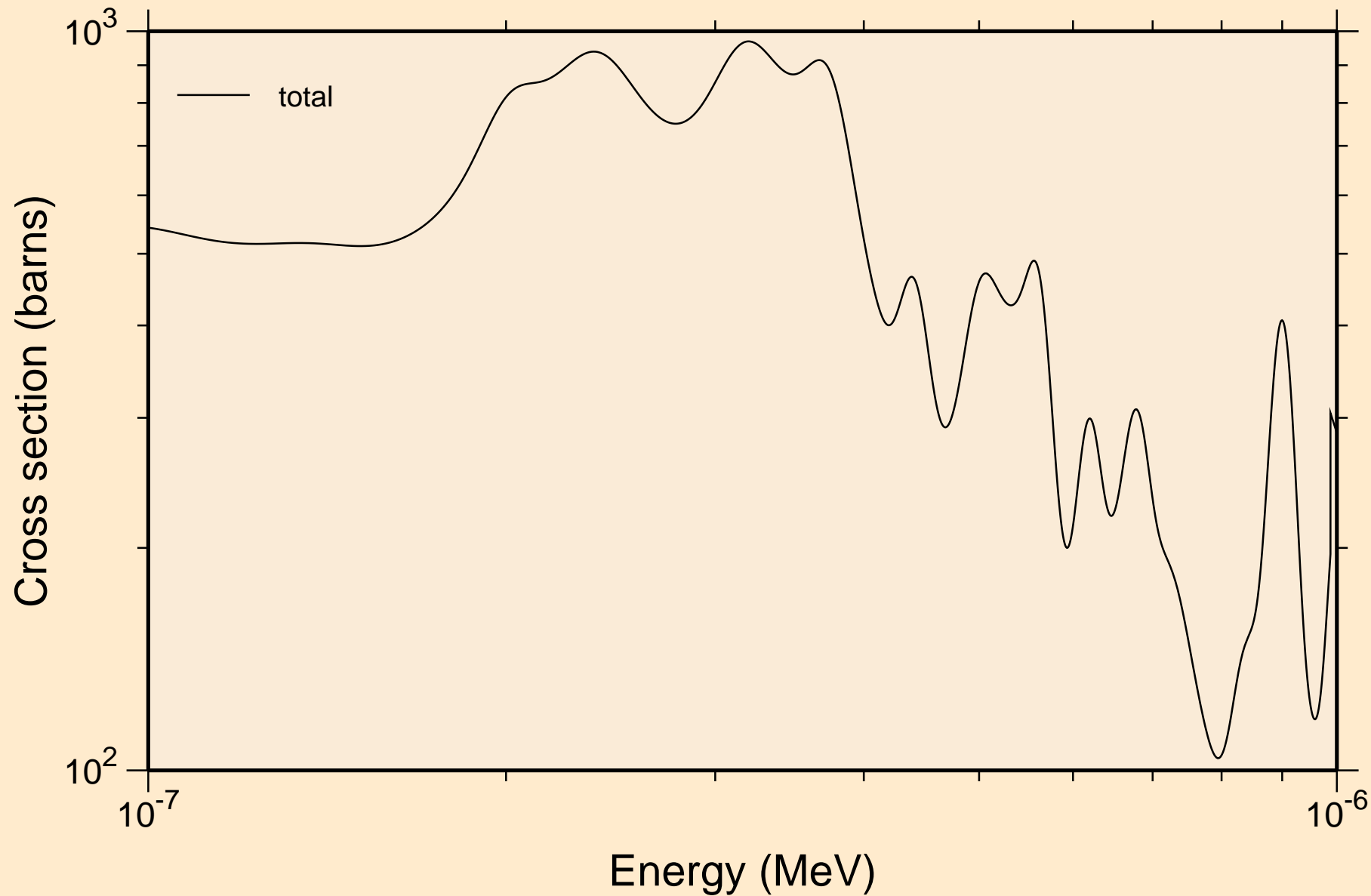


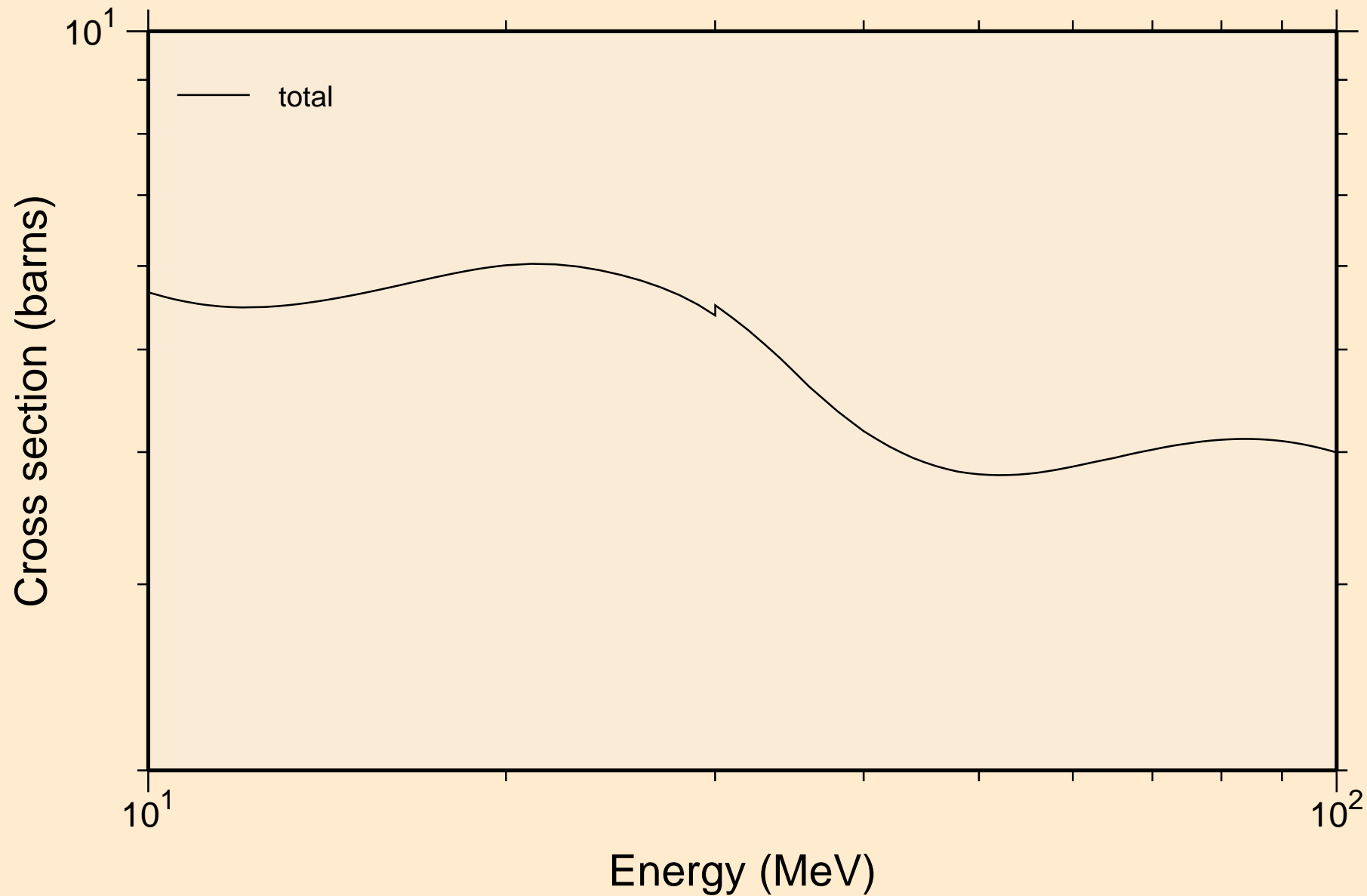
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



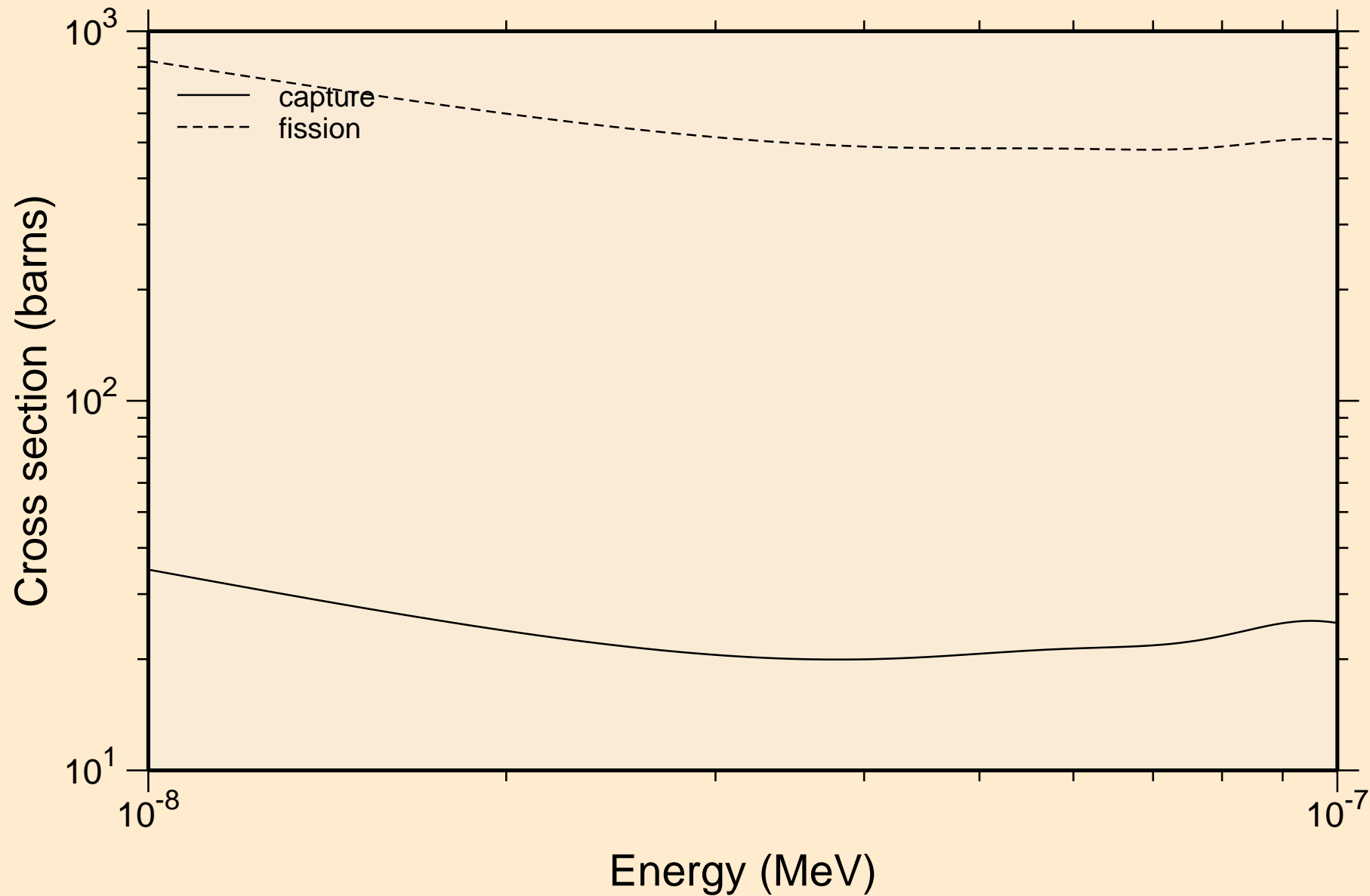
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resonance total cross section



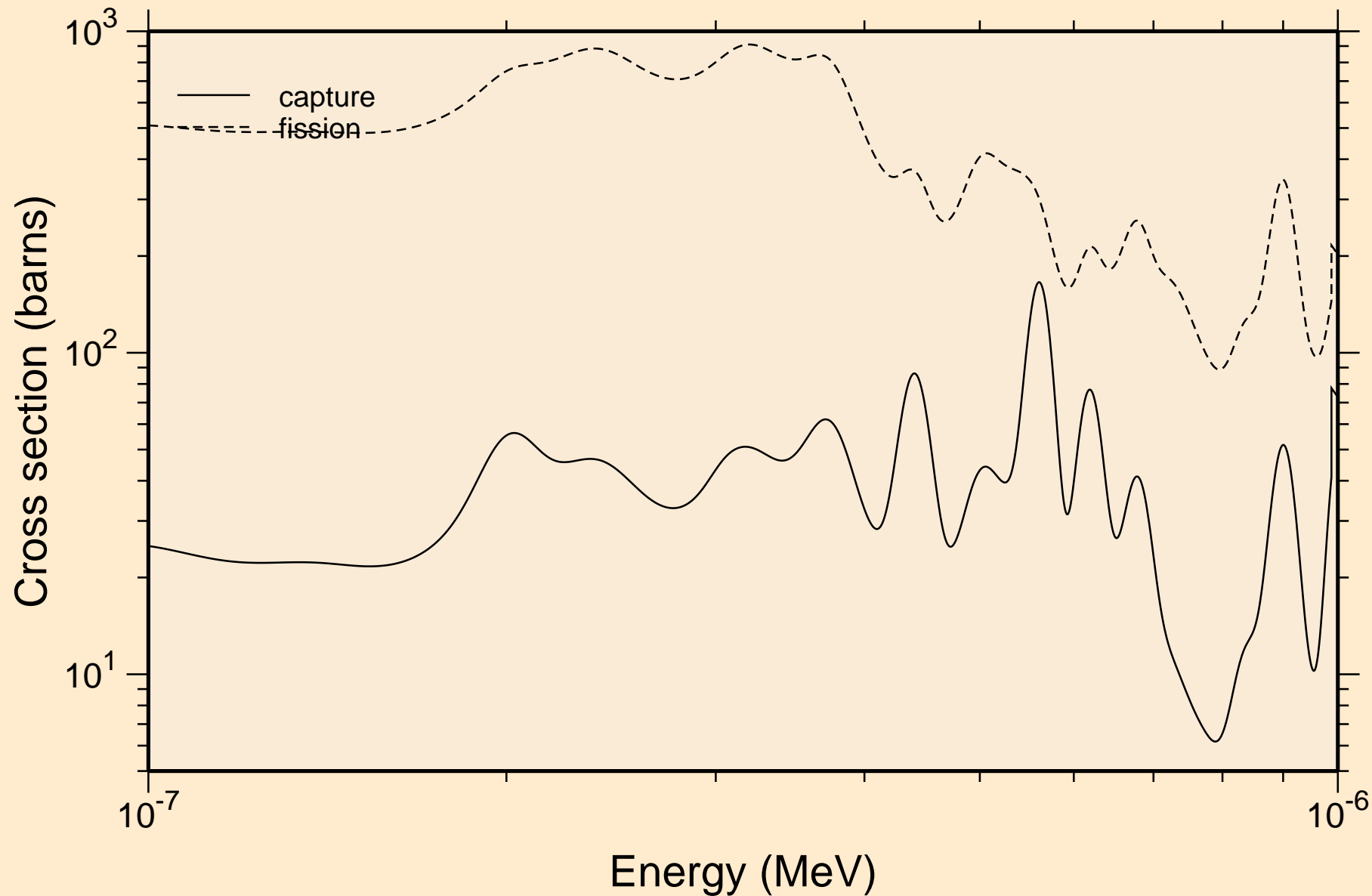
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resonance total cross section



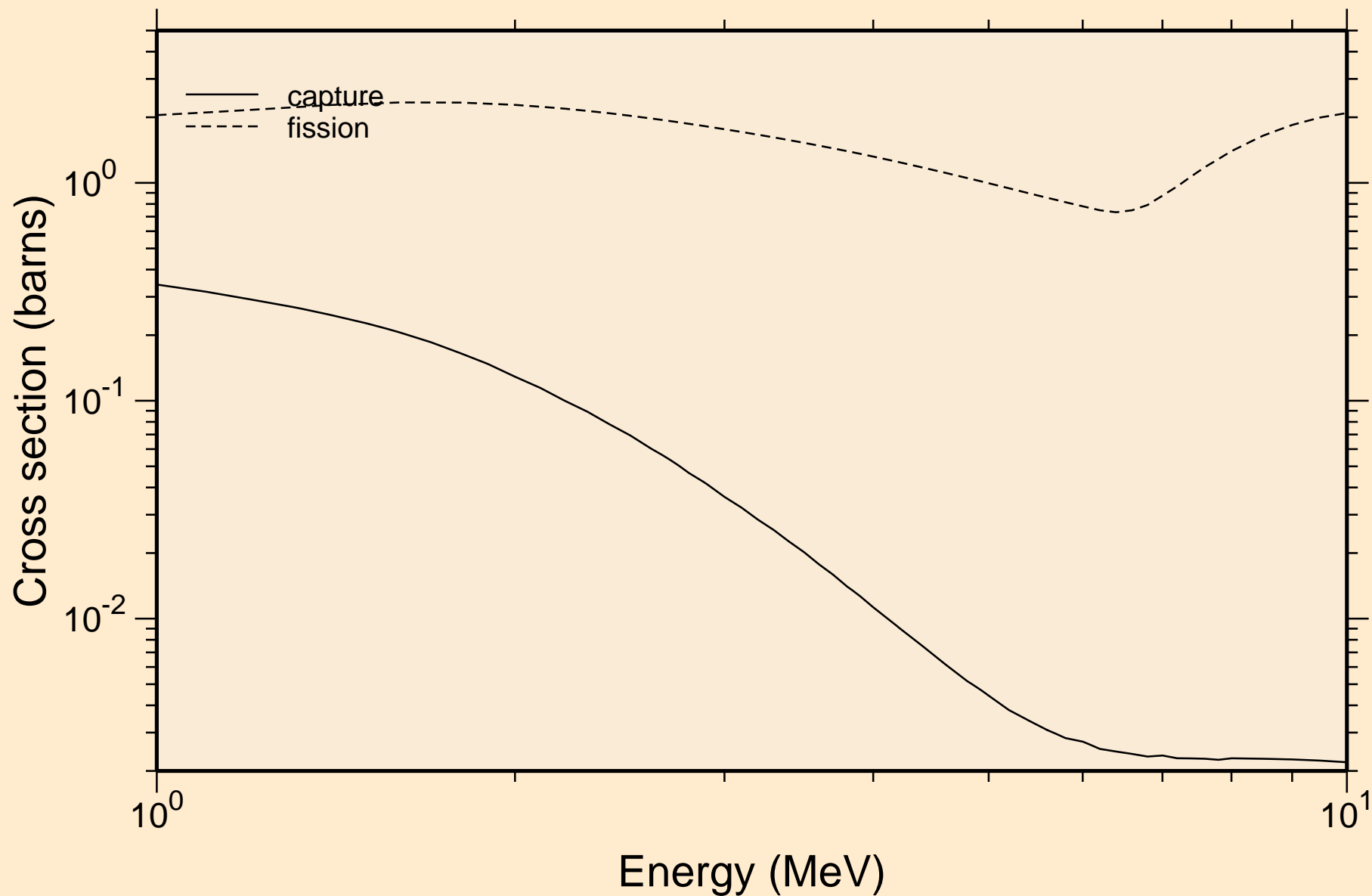
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resonance absorption cross sections



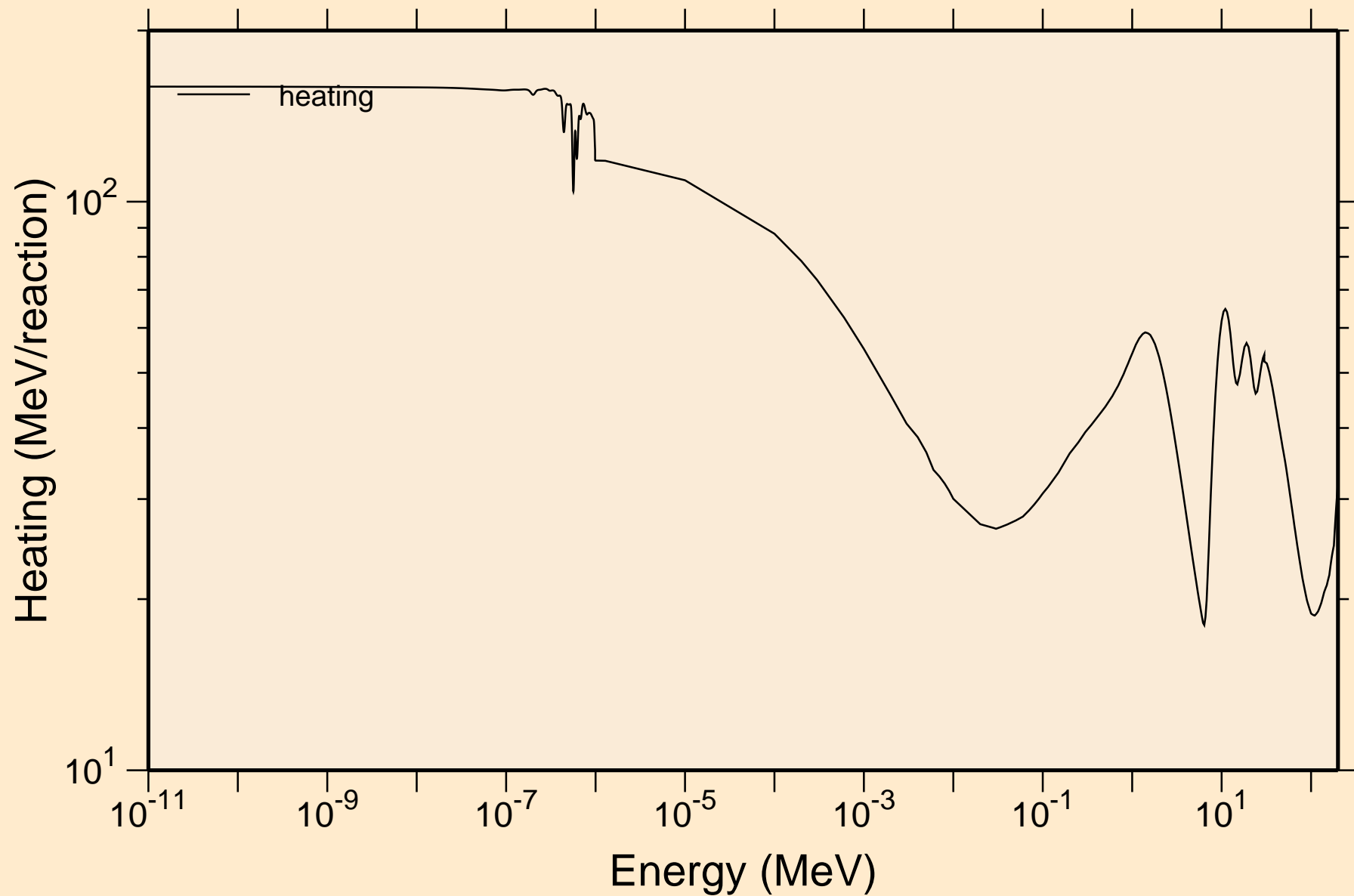
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections

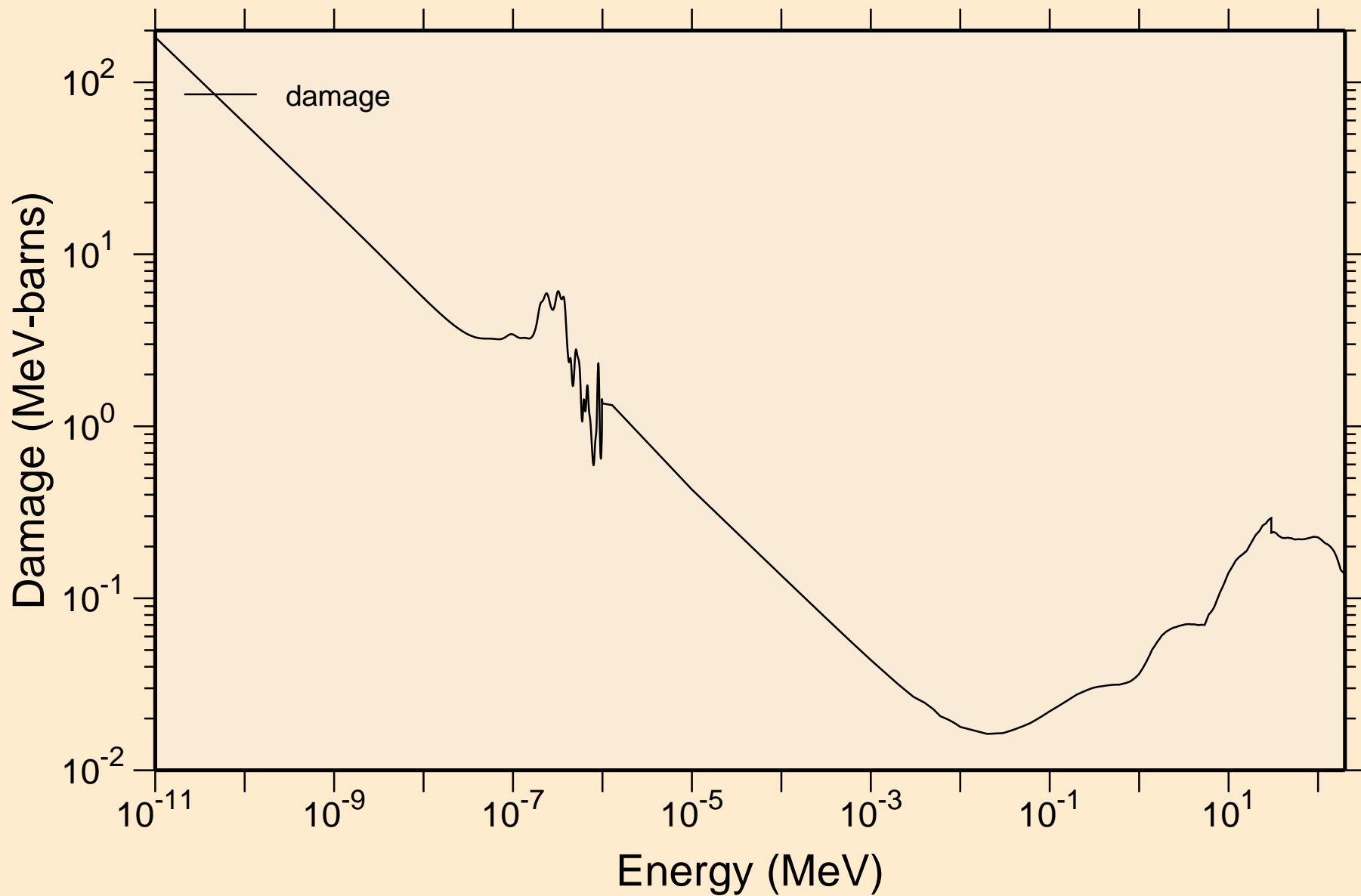


NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

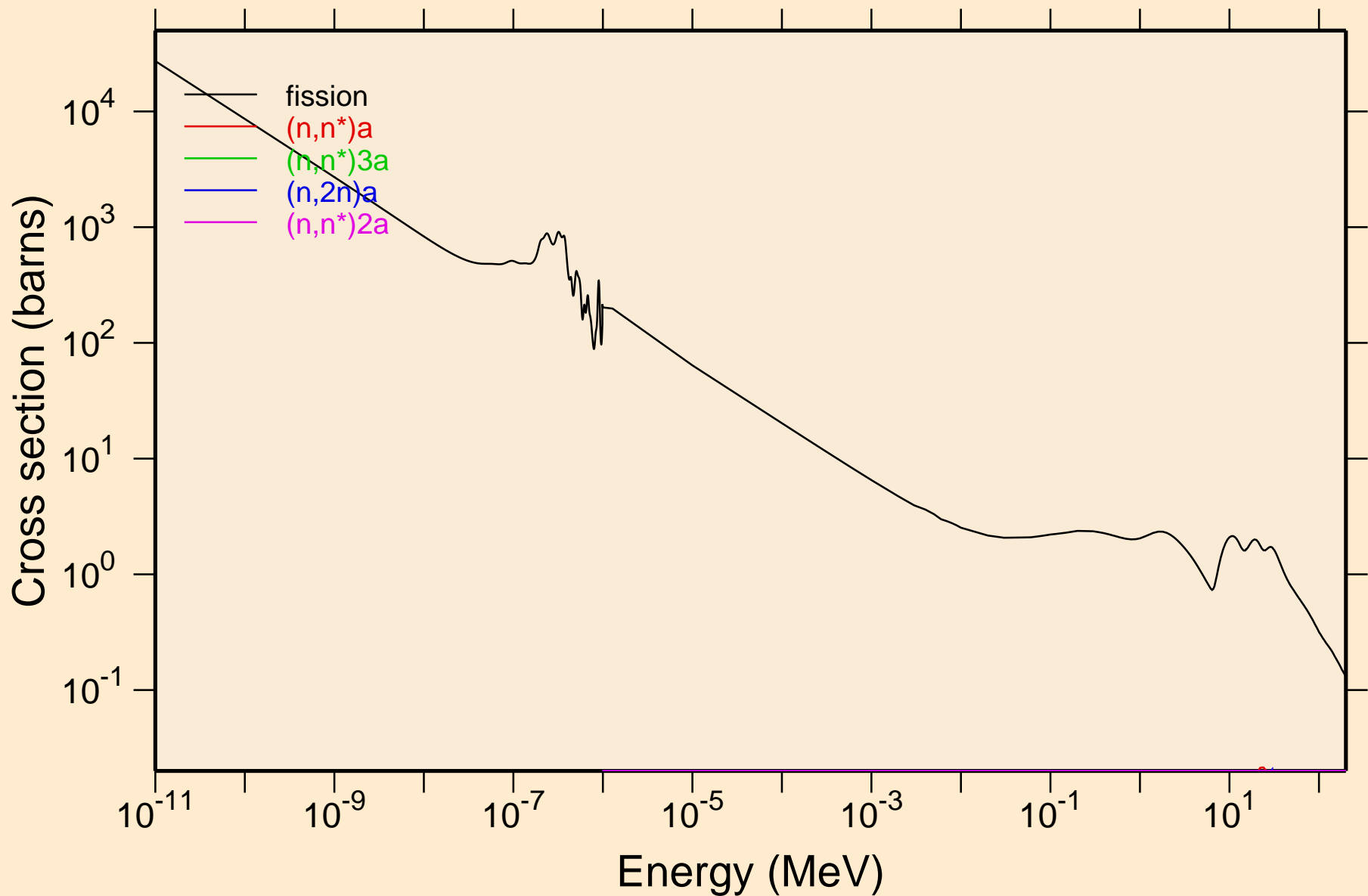


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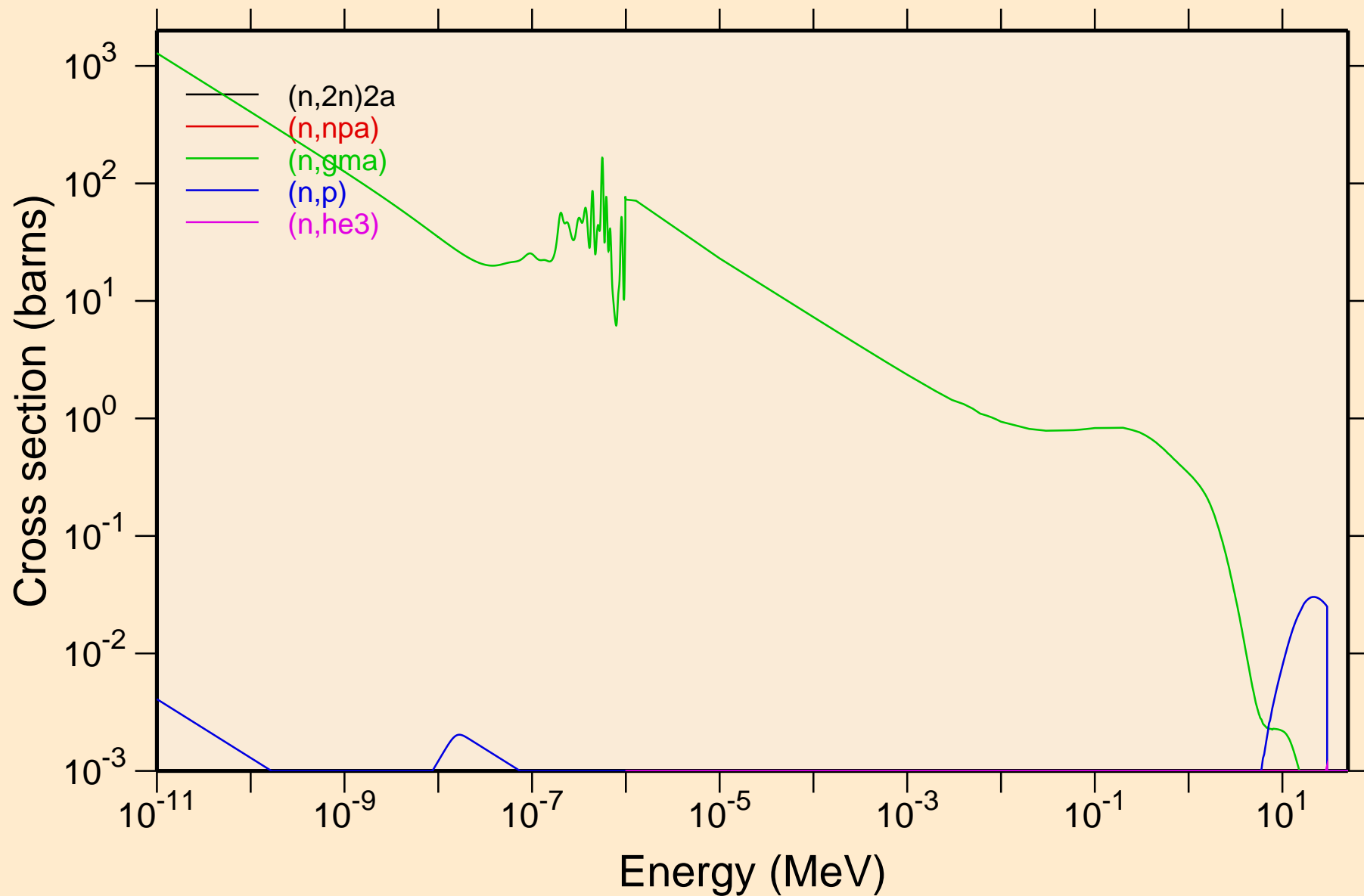
Damage



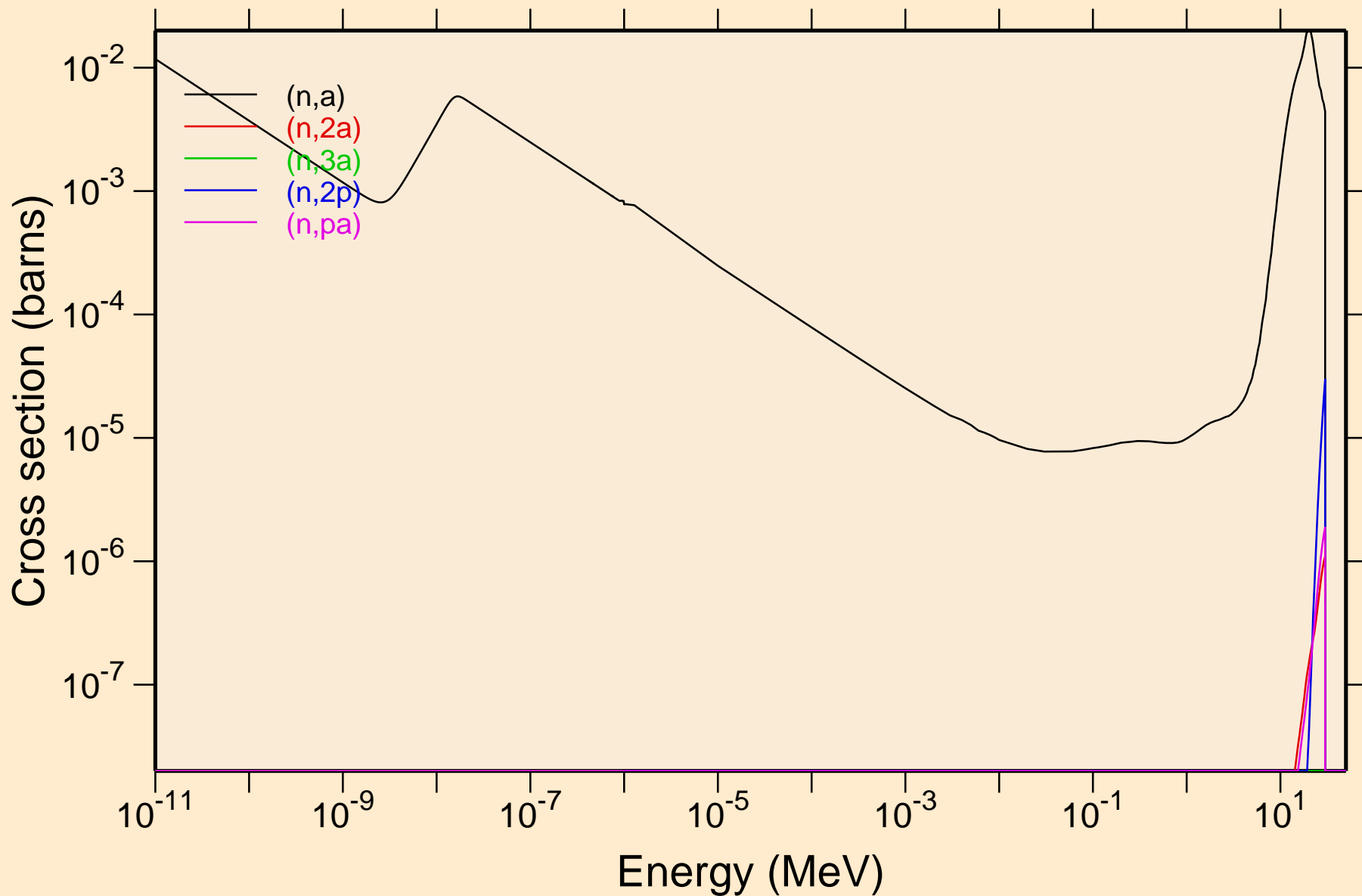
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



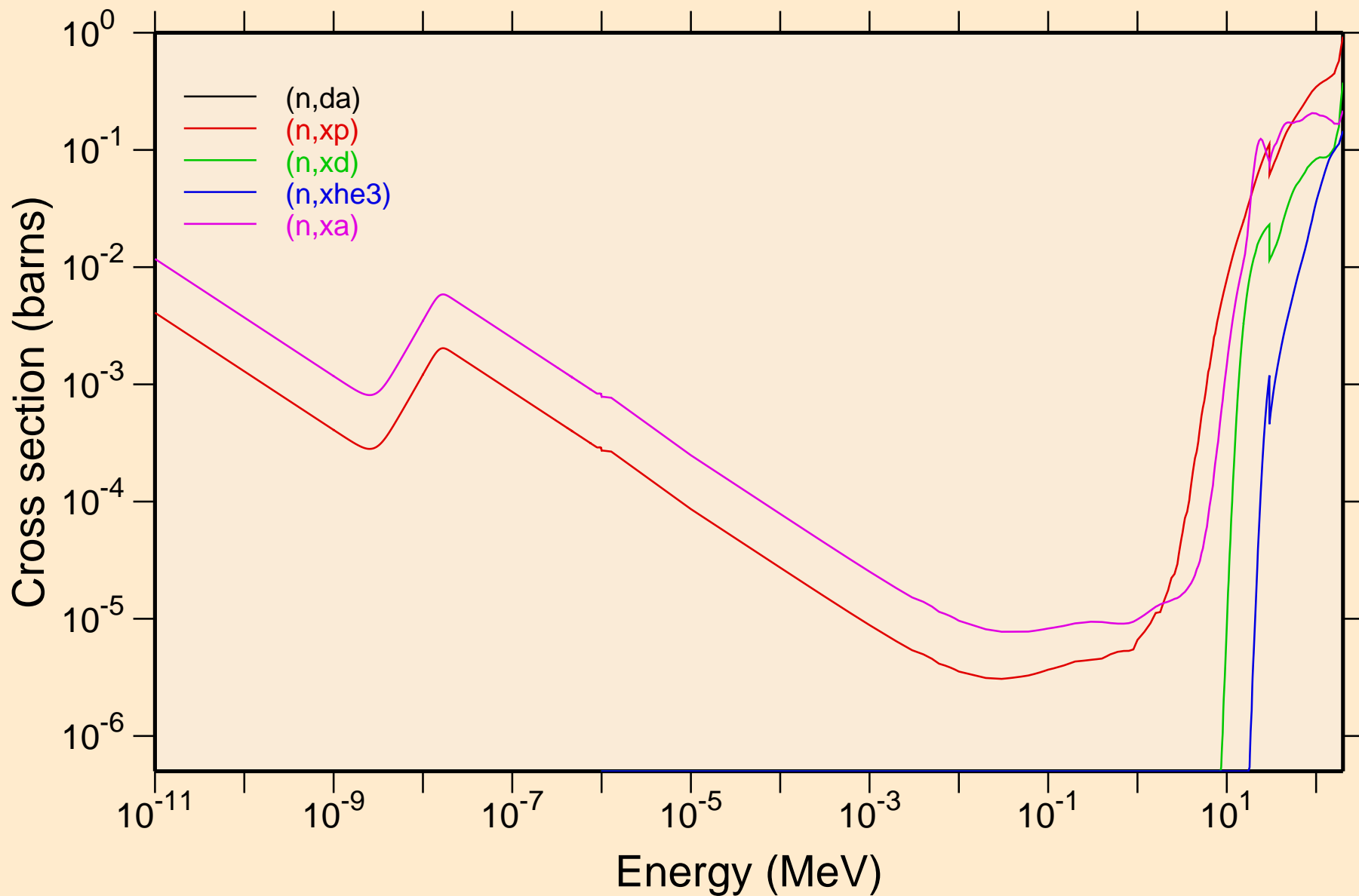
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



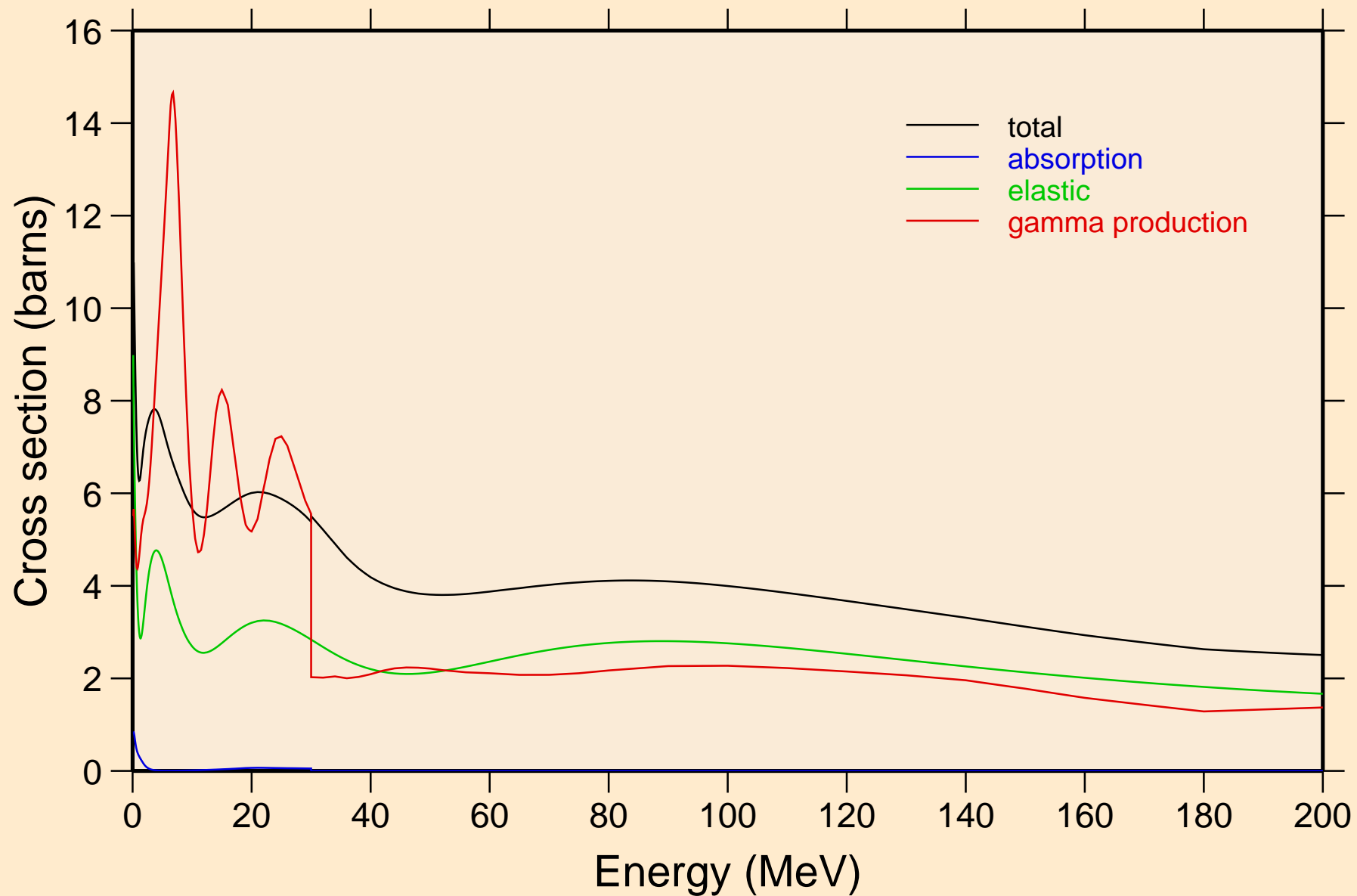
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Non-threshold reactions



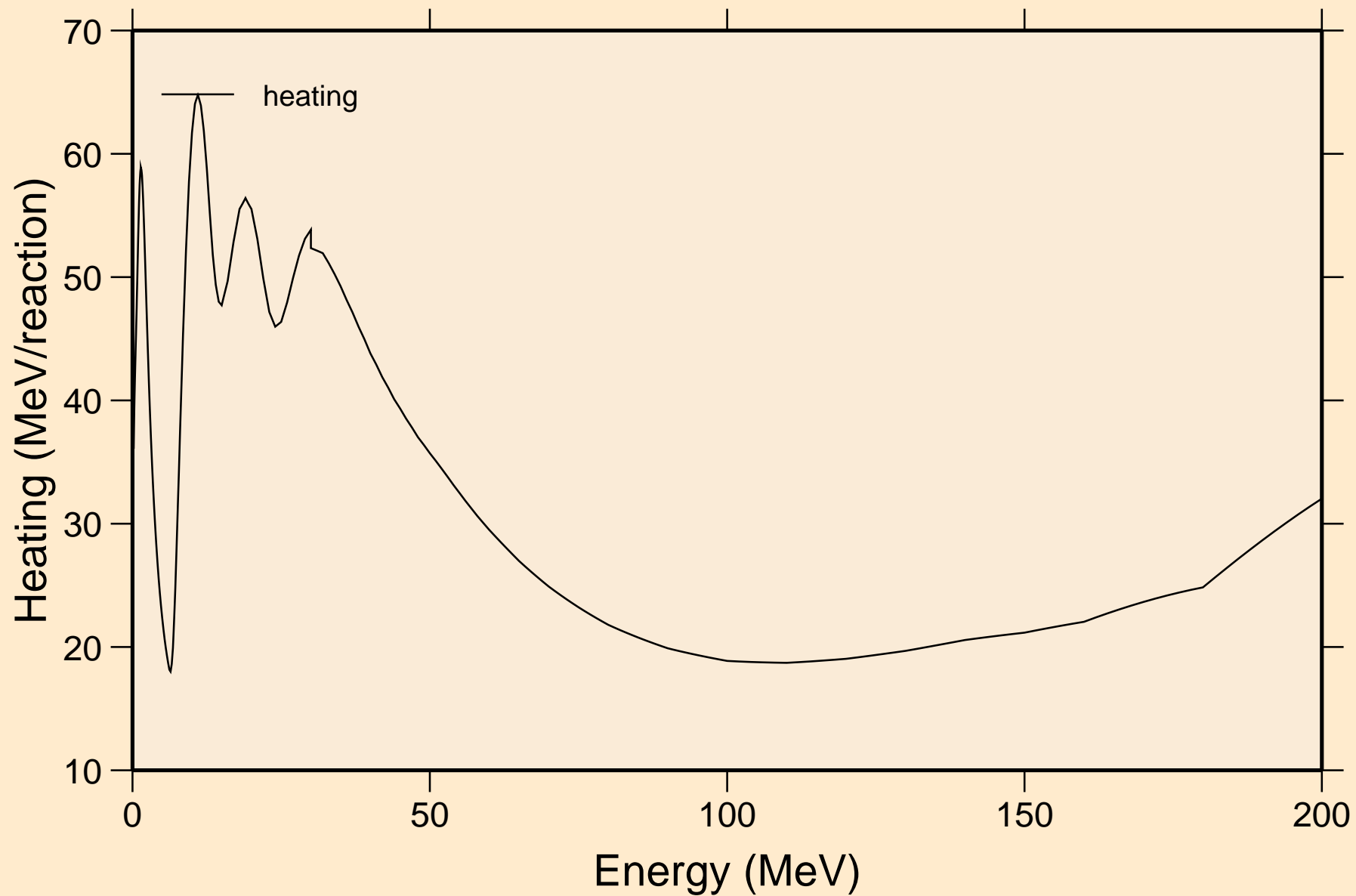
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



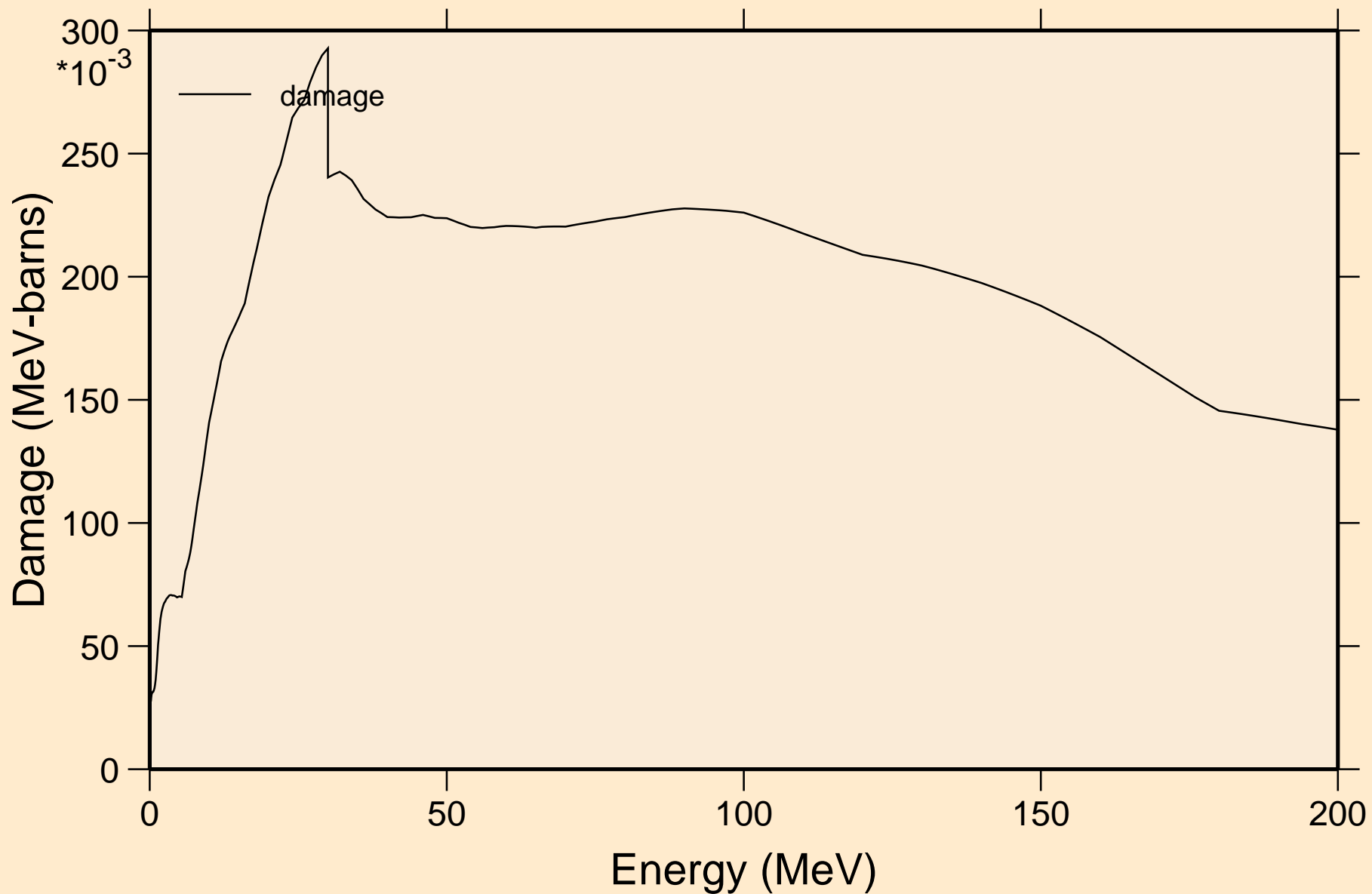
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



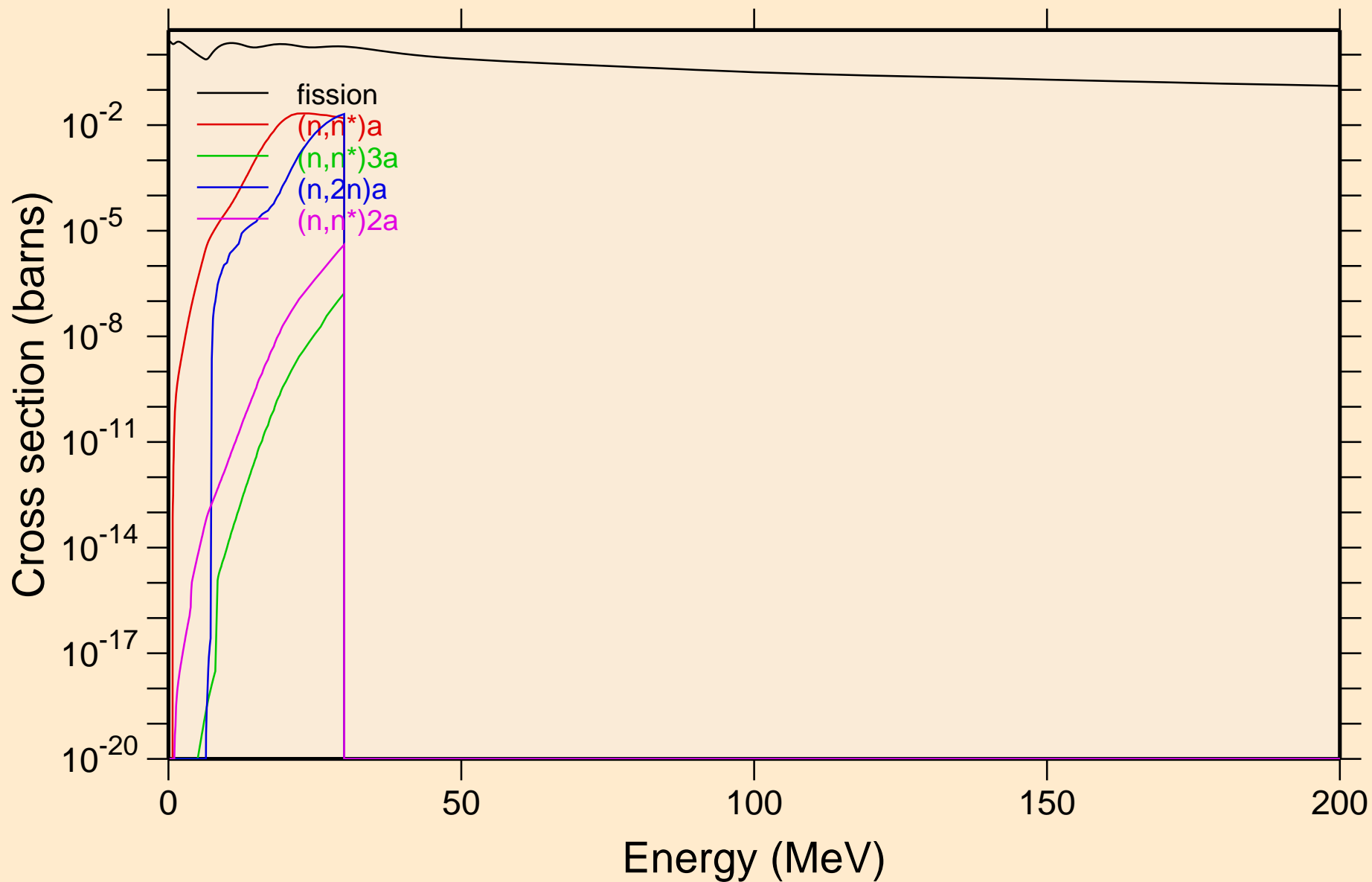
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



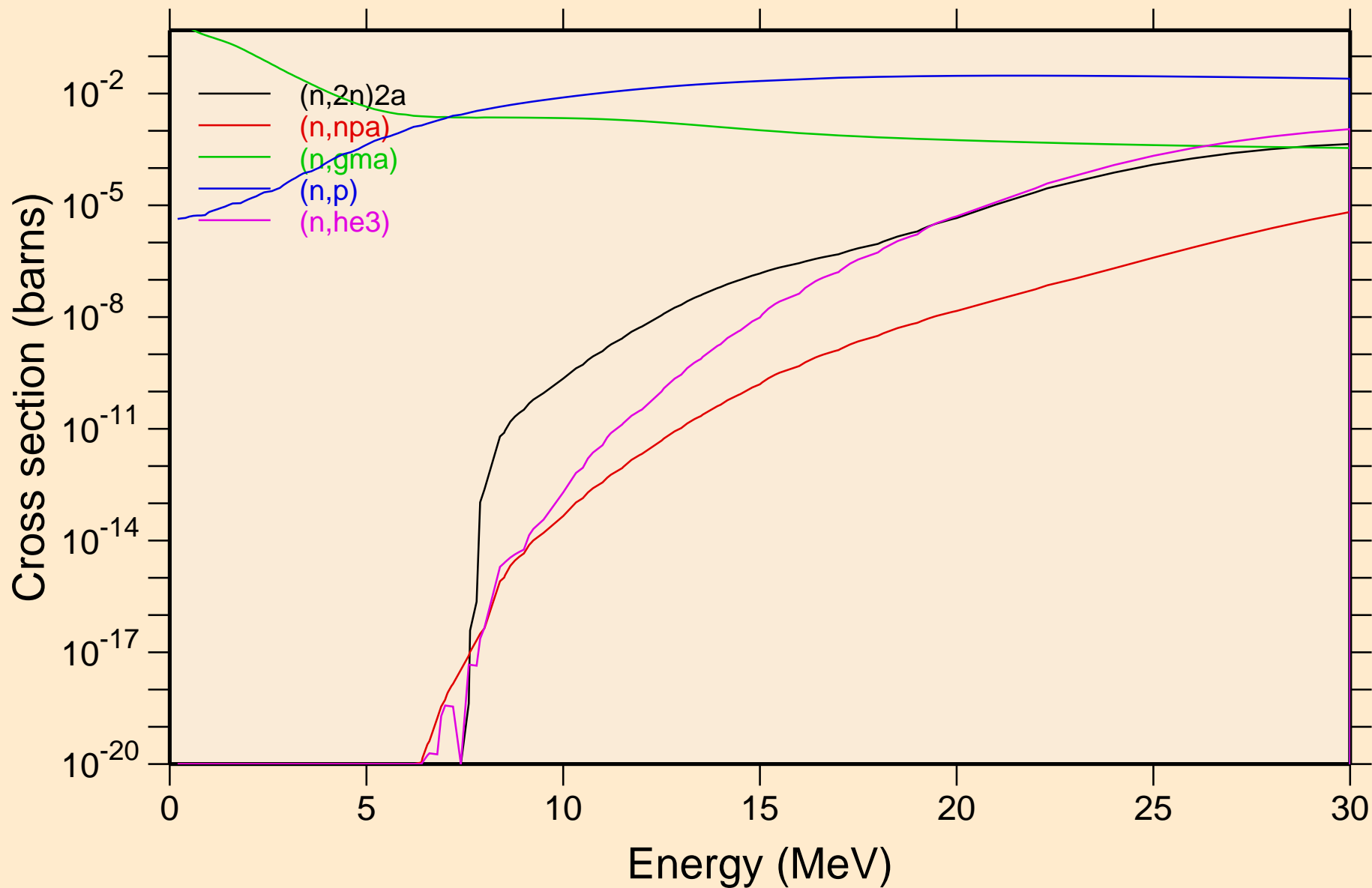
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Damage



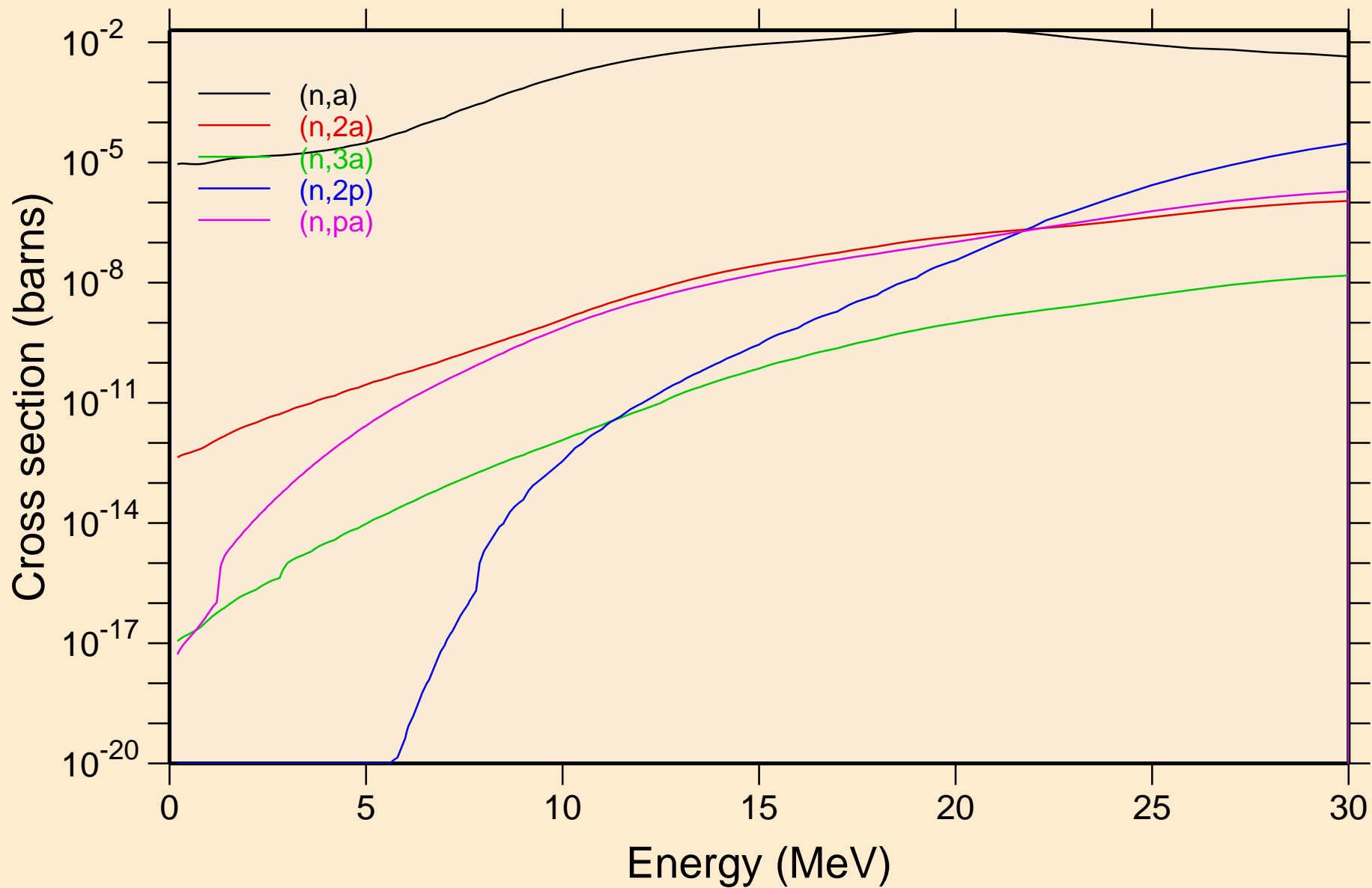
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Non-threshold reactions



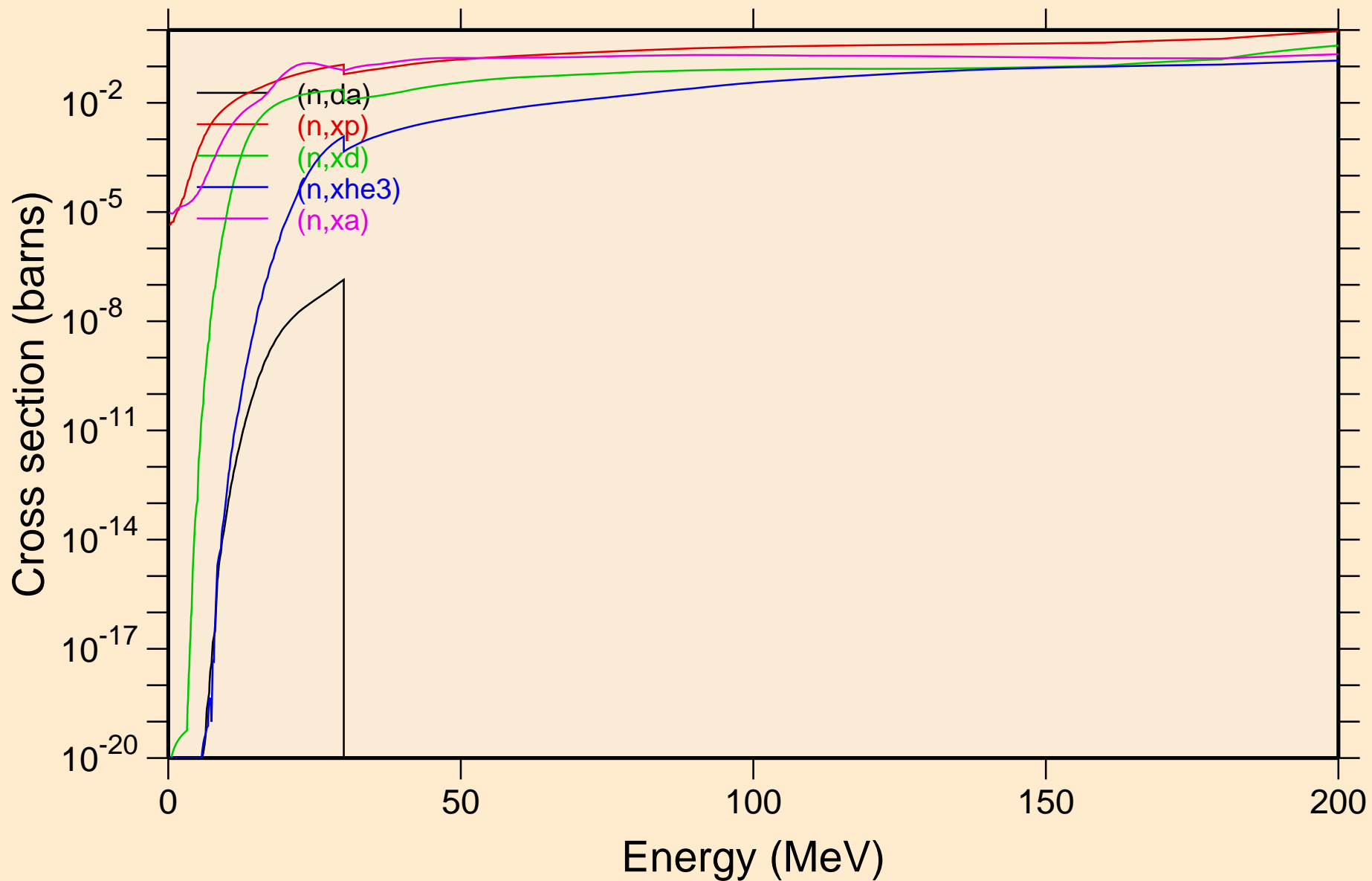
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Non-threshold reactions



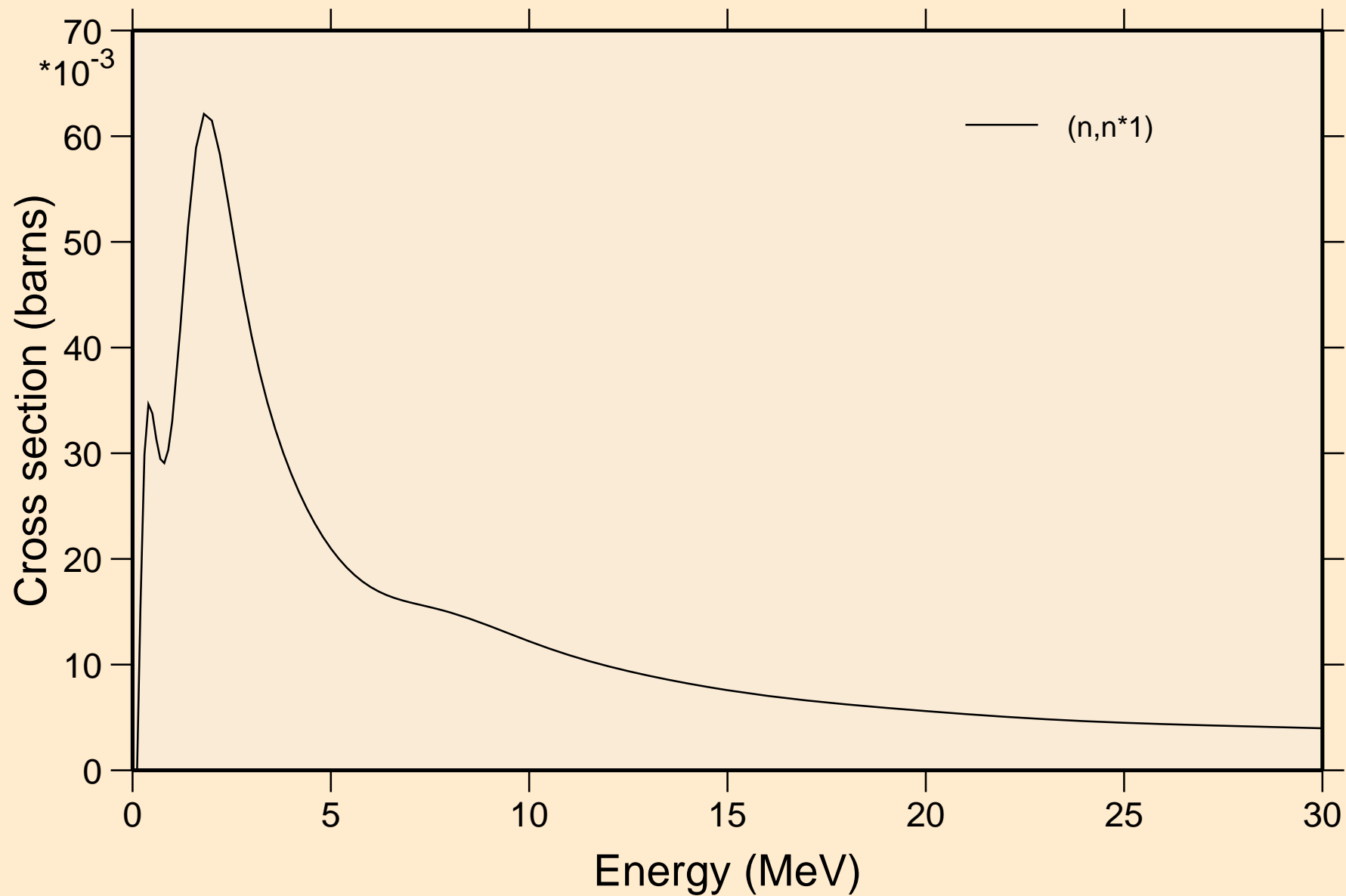
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Non-threshold reactions



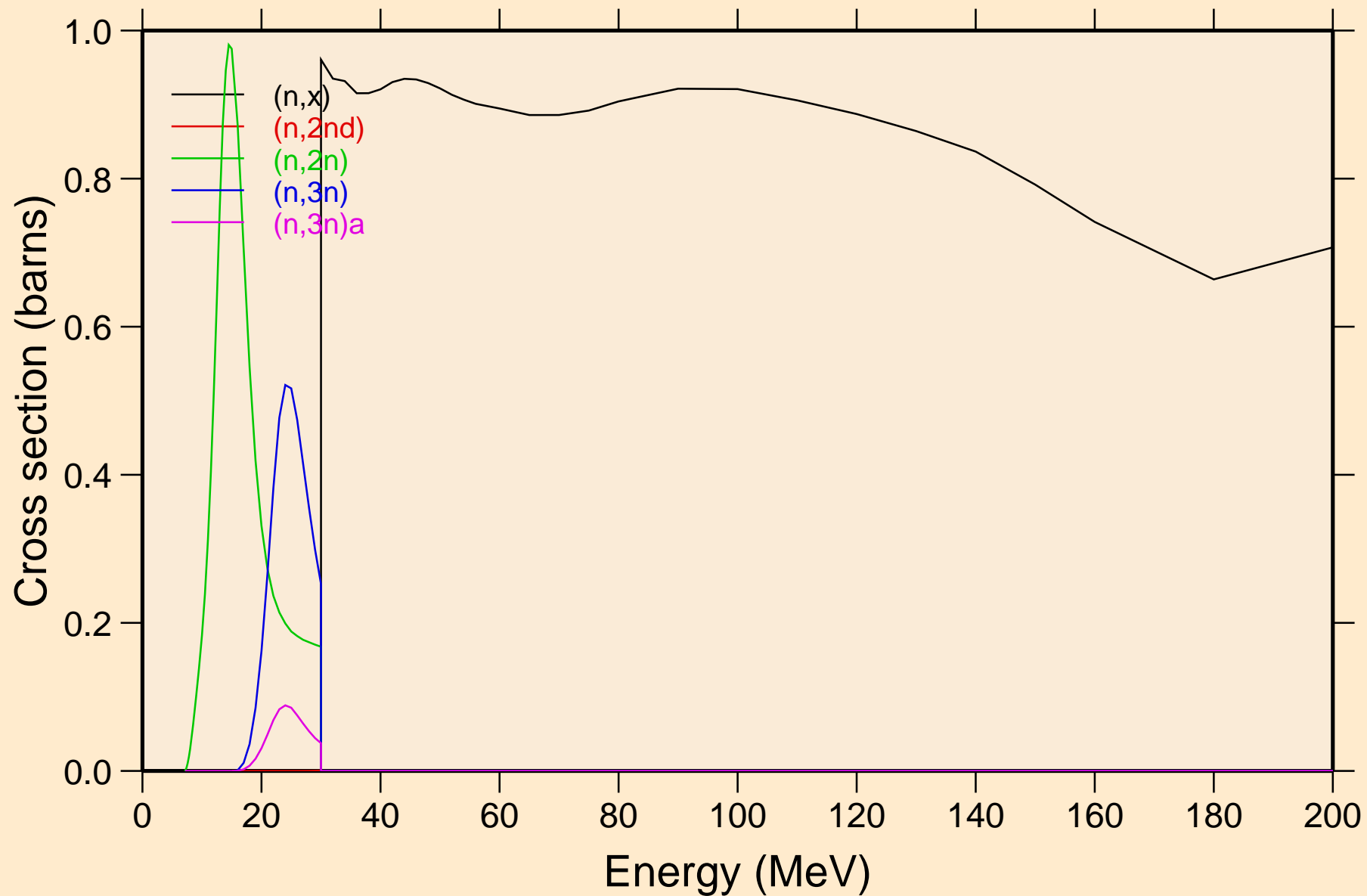
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



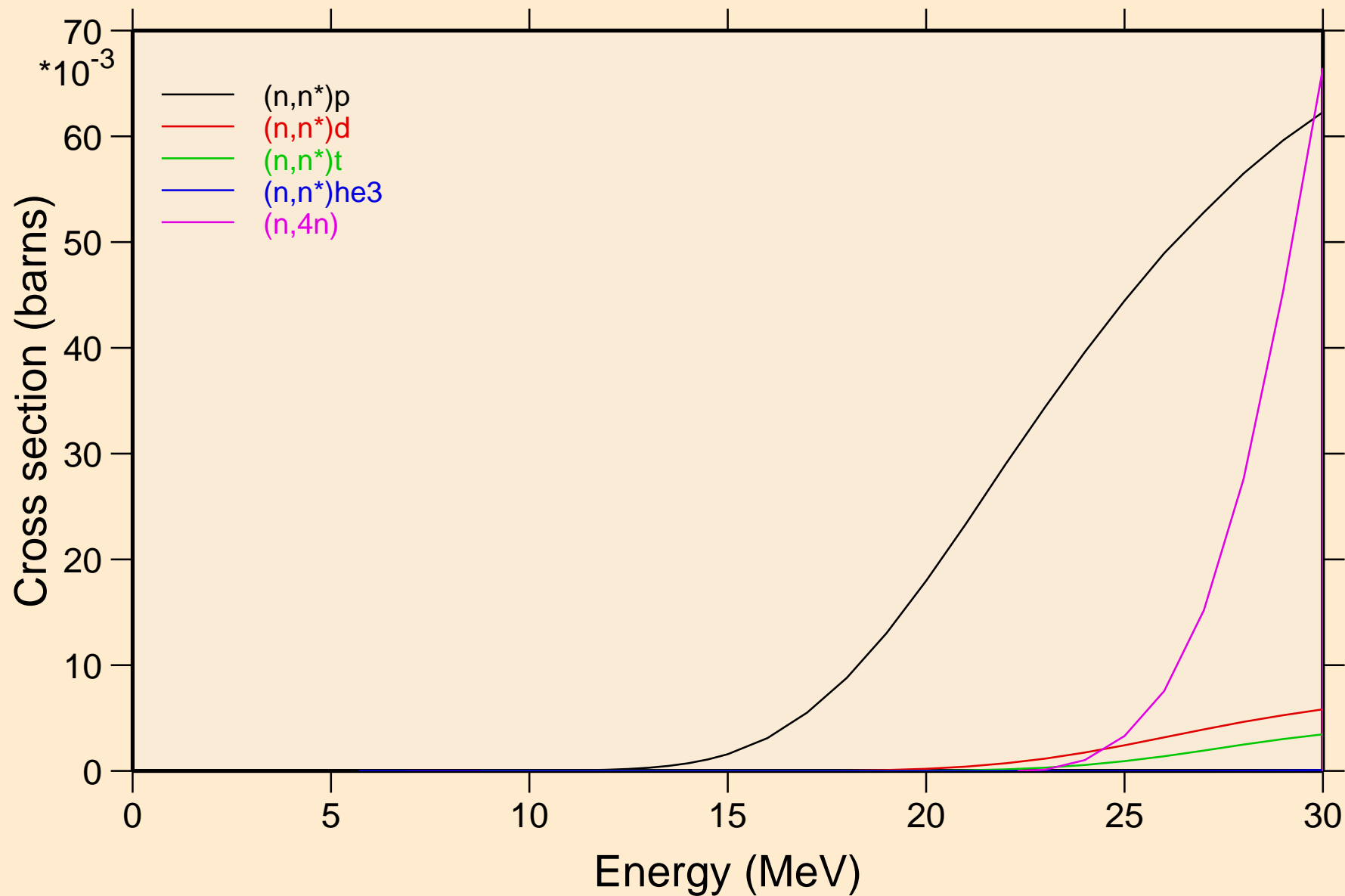
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Inelastic levels



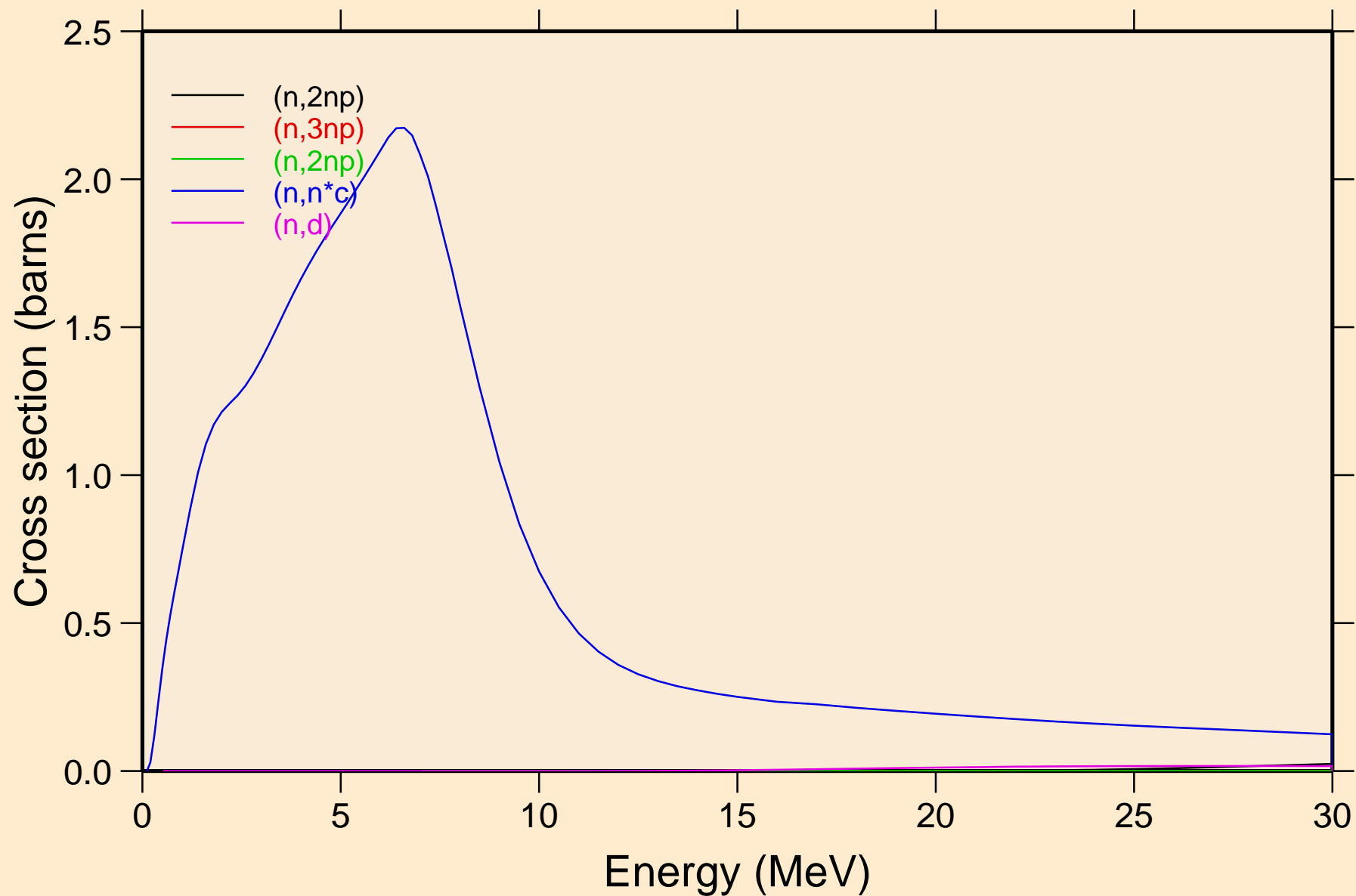
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



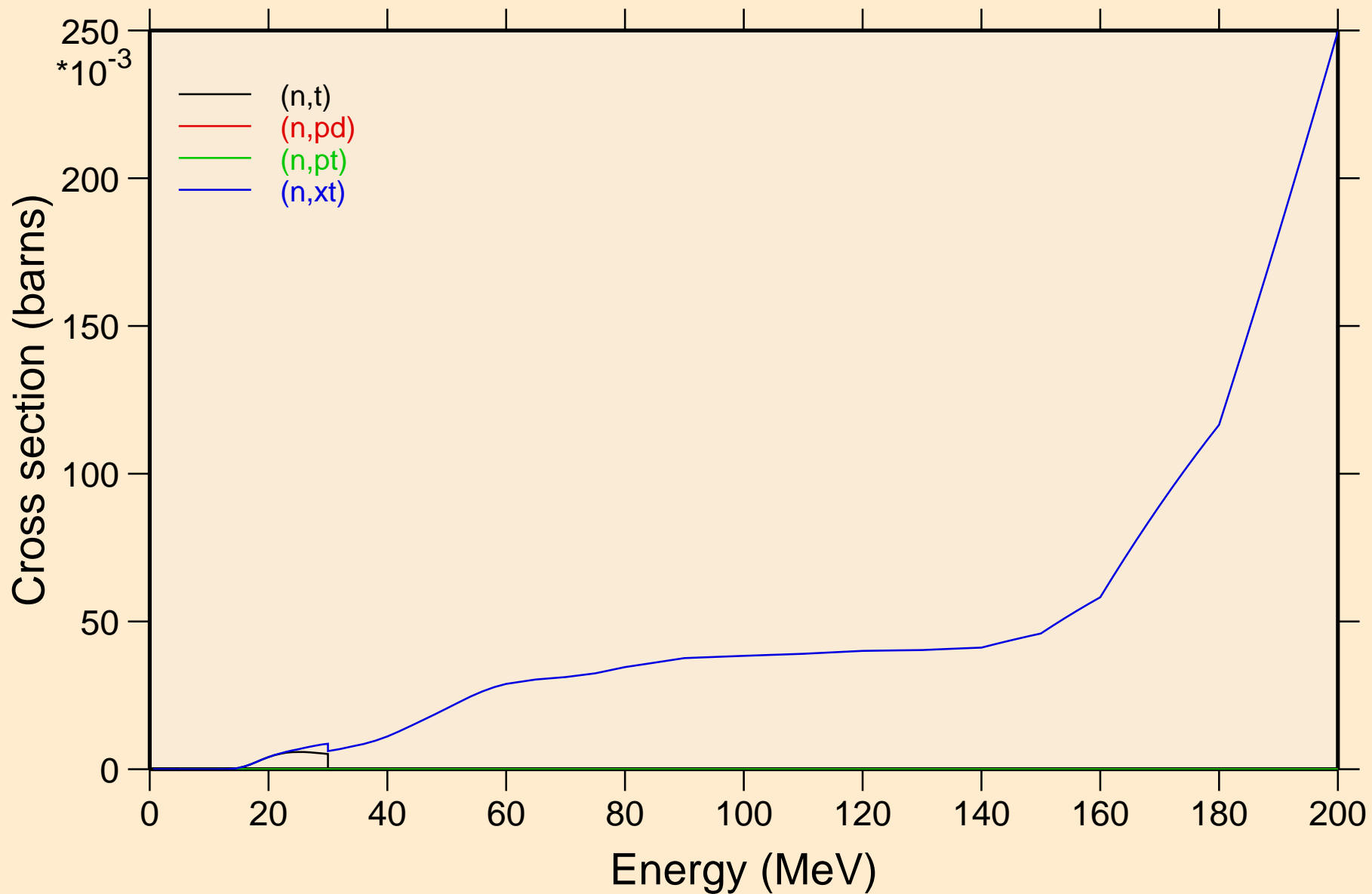
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



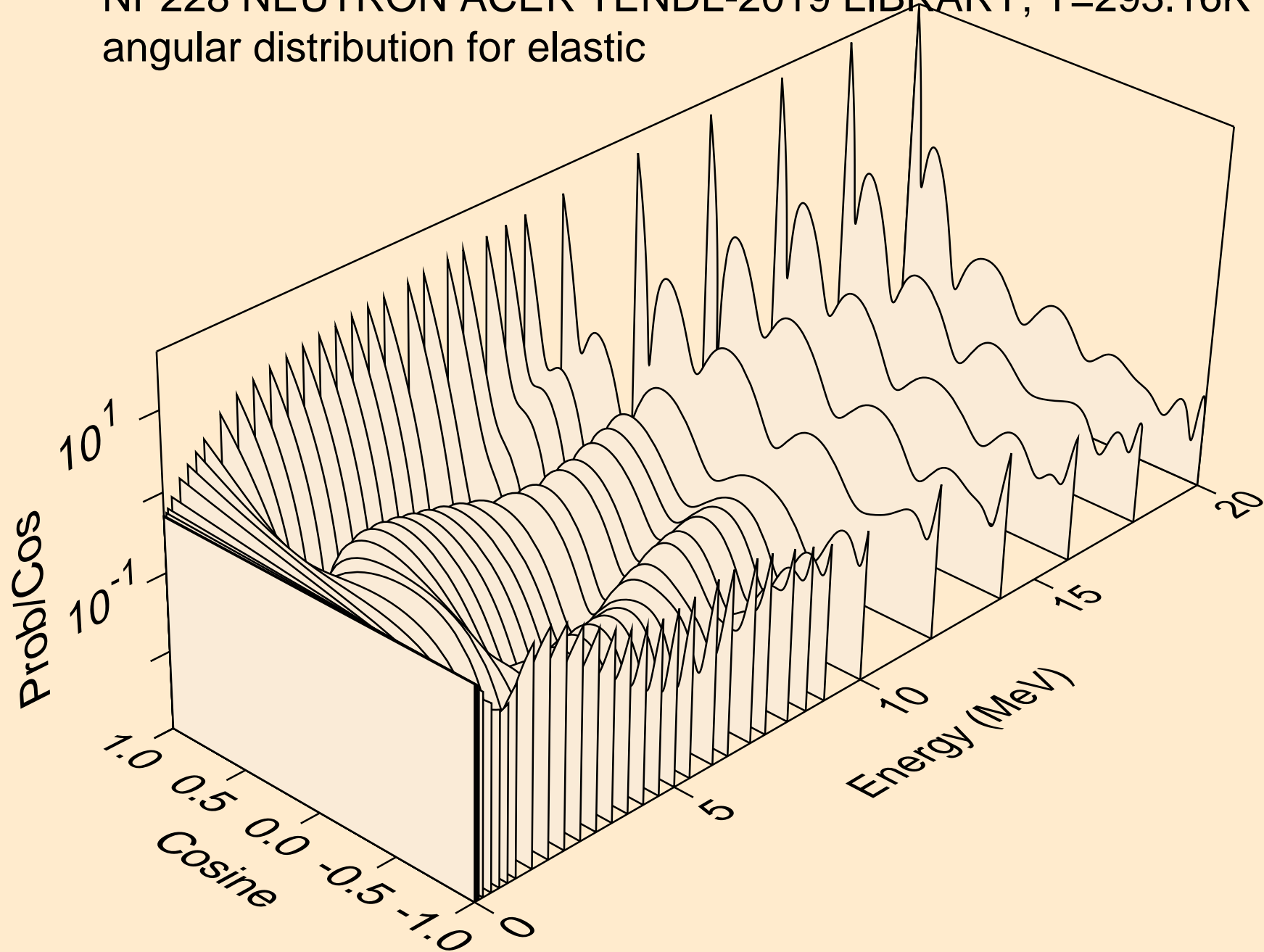
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



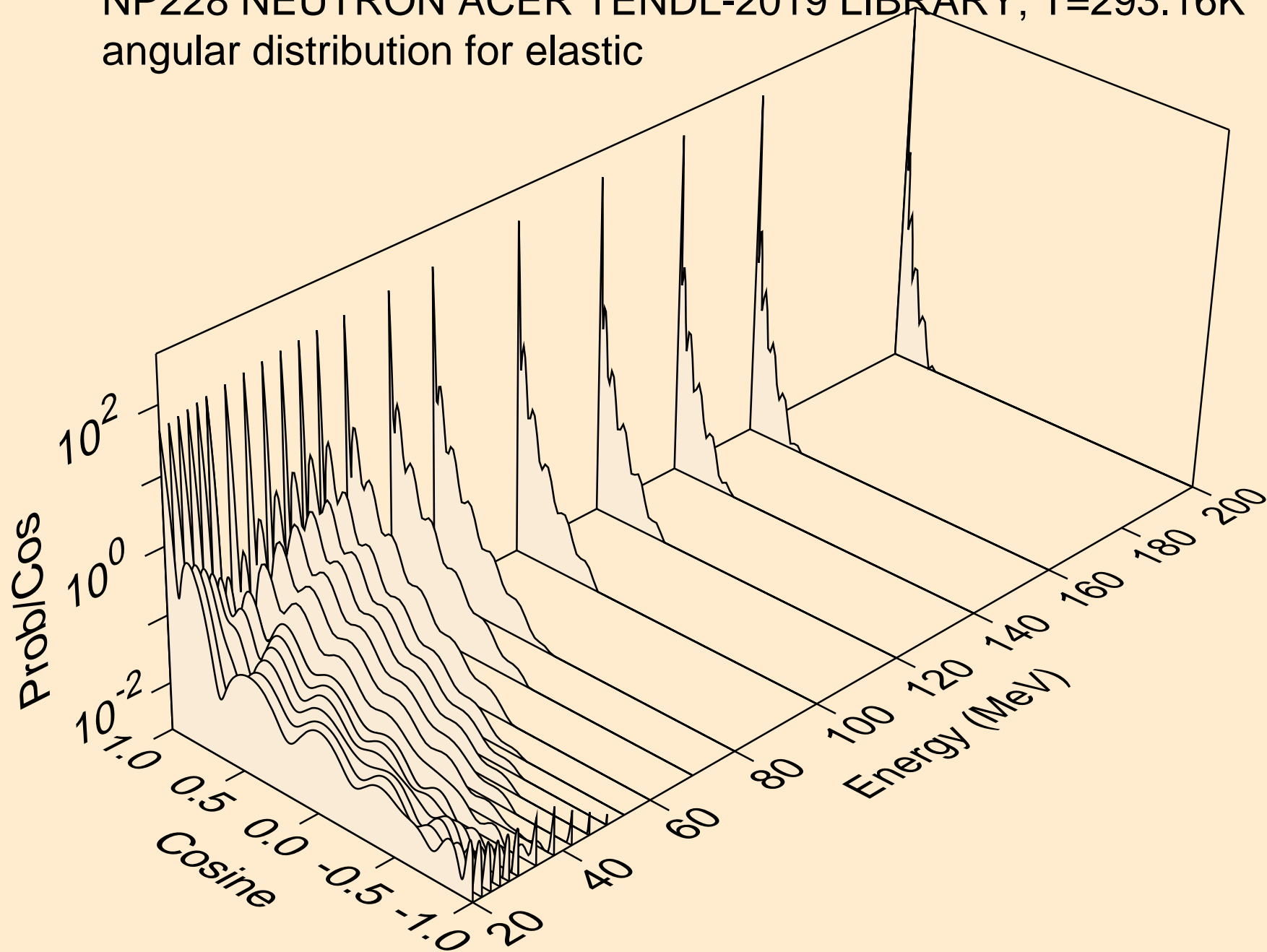
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



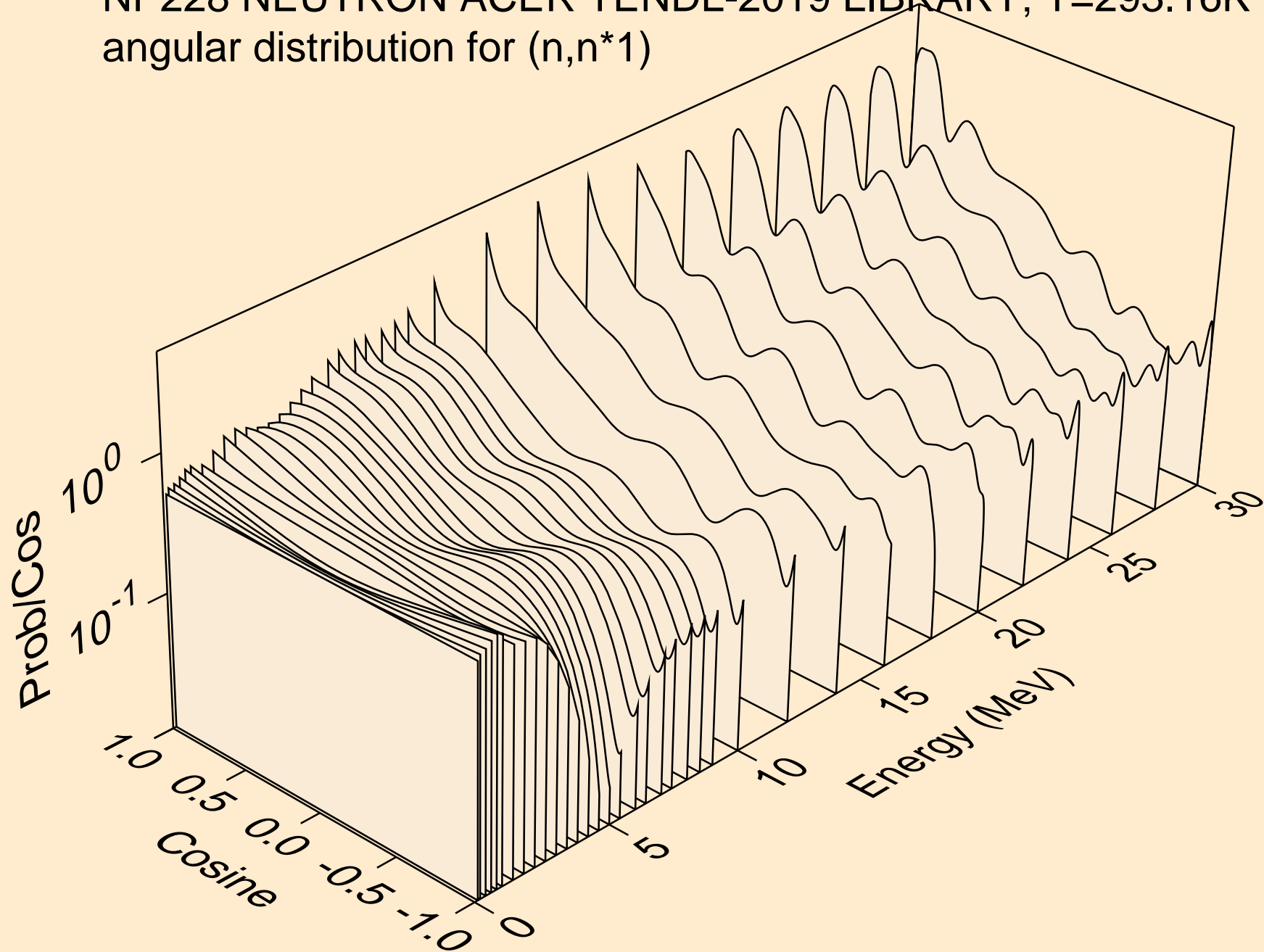
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



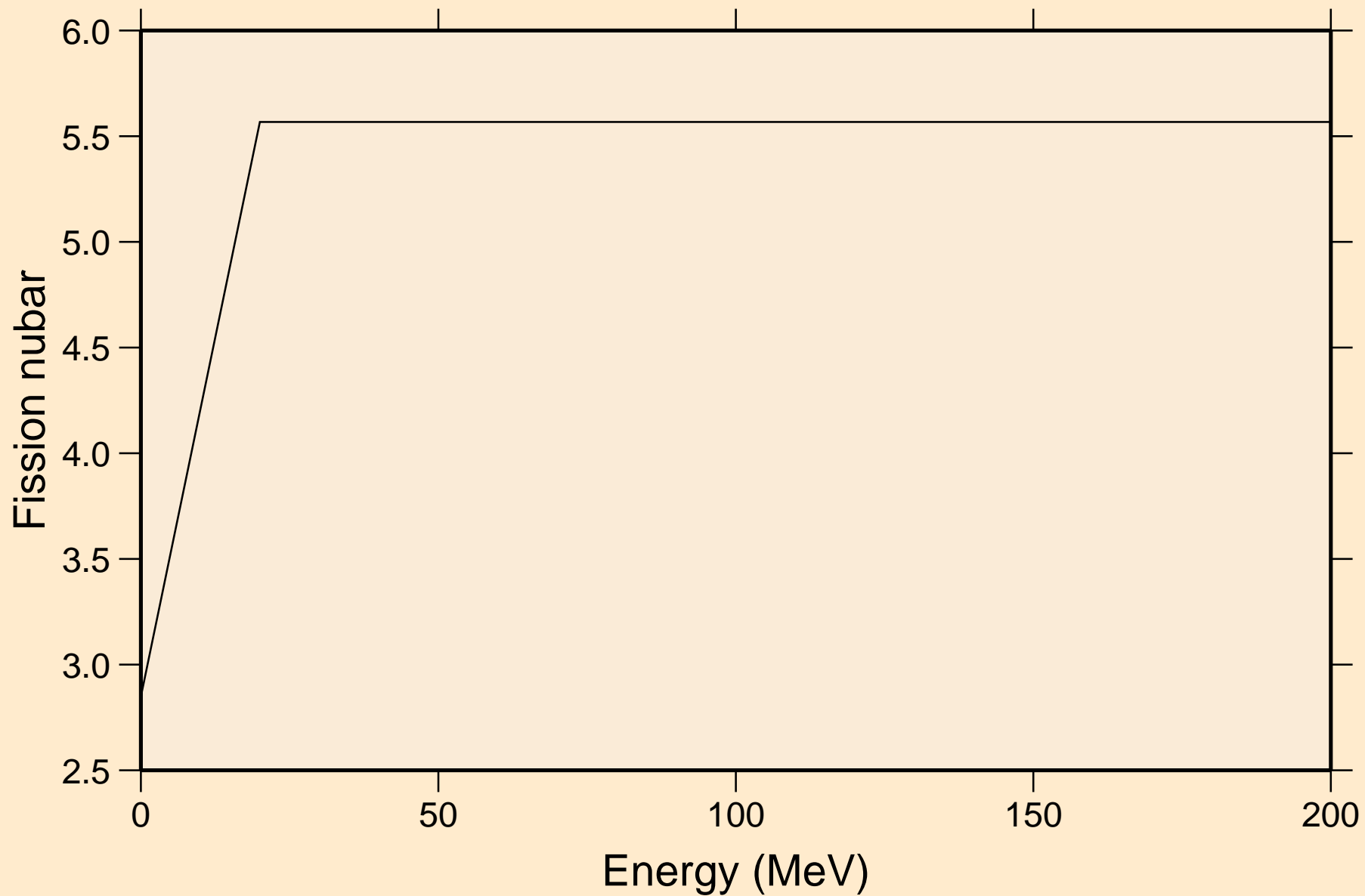
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angular distribution for elastic



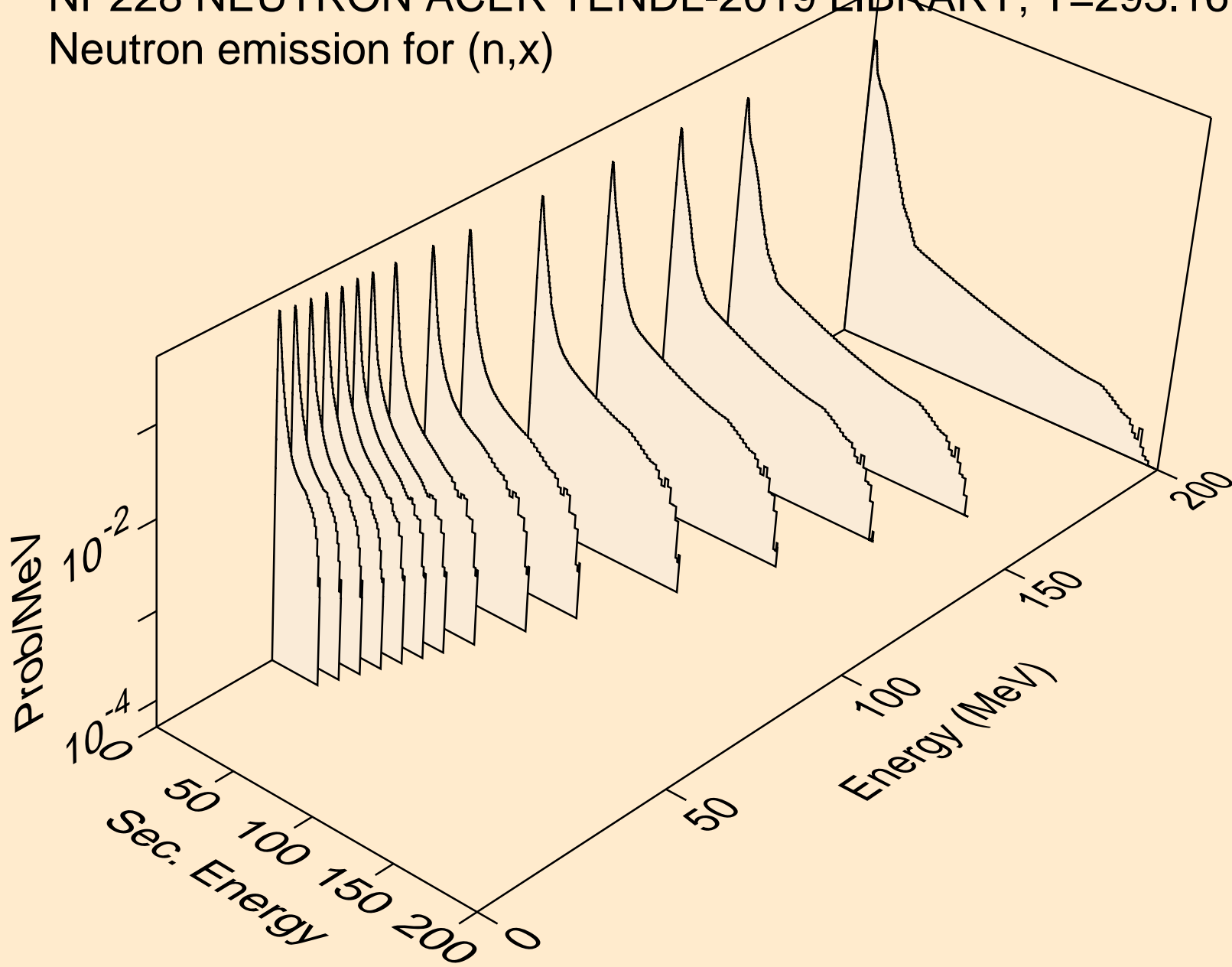
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



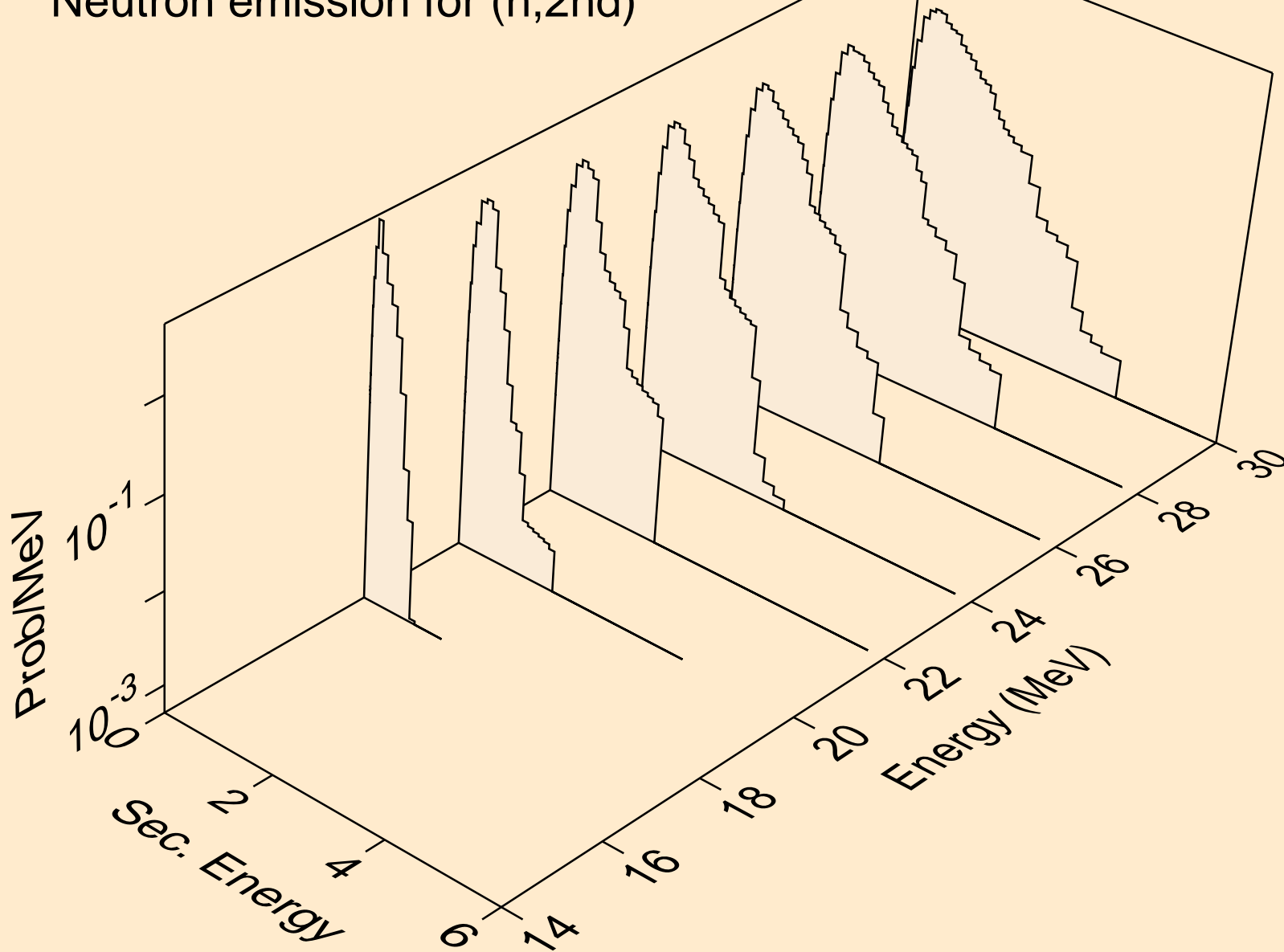
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nuubar



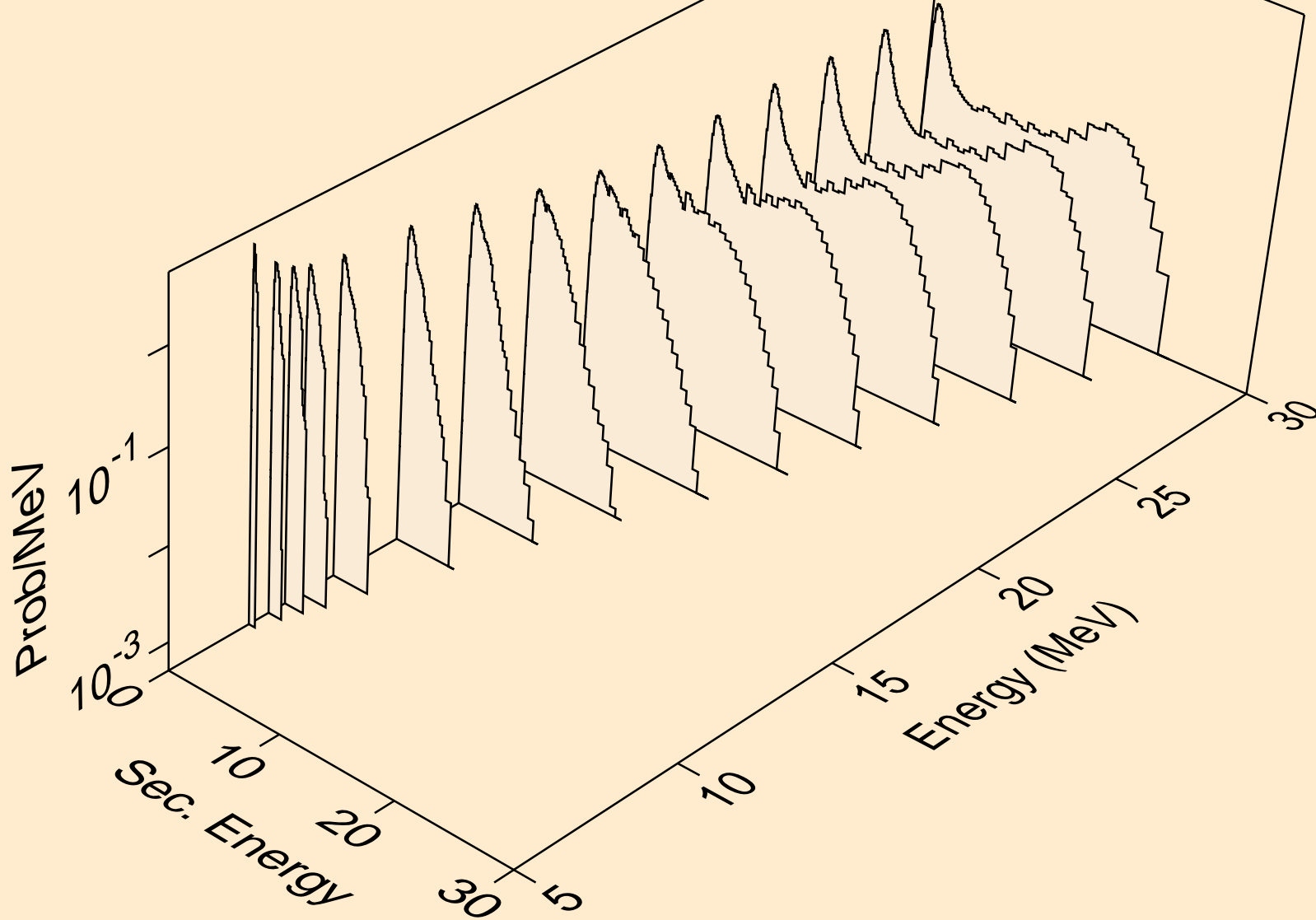
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



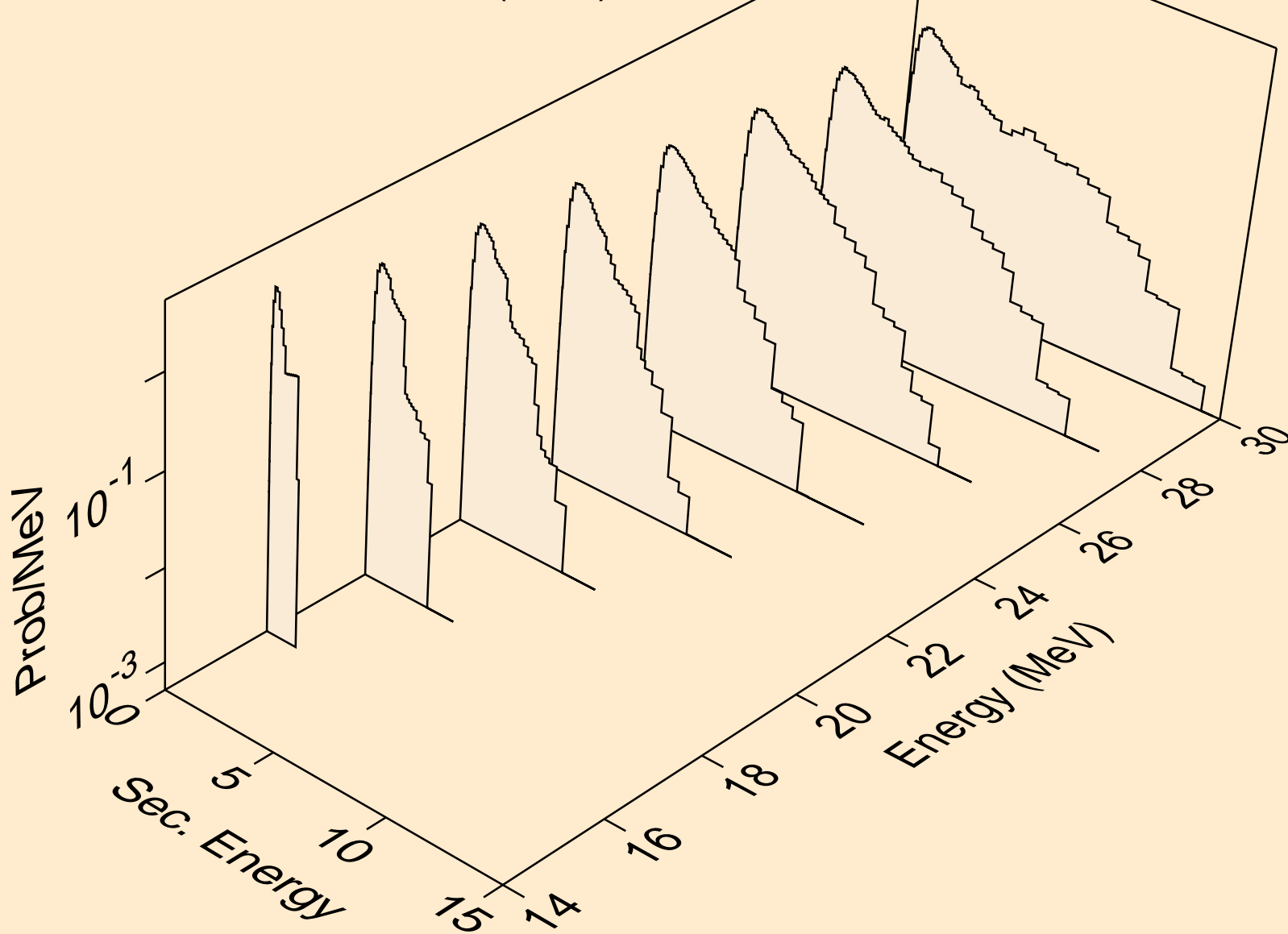
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



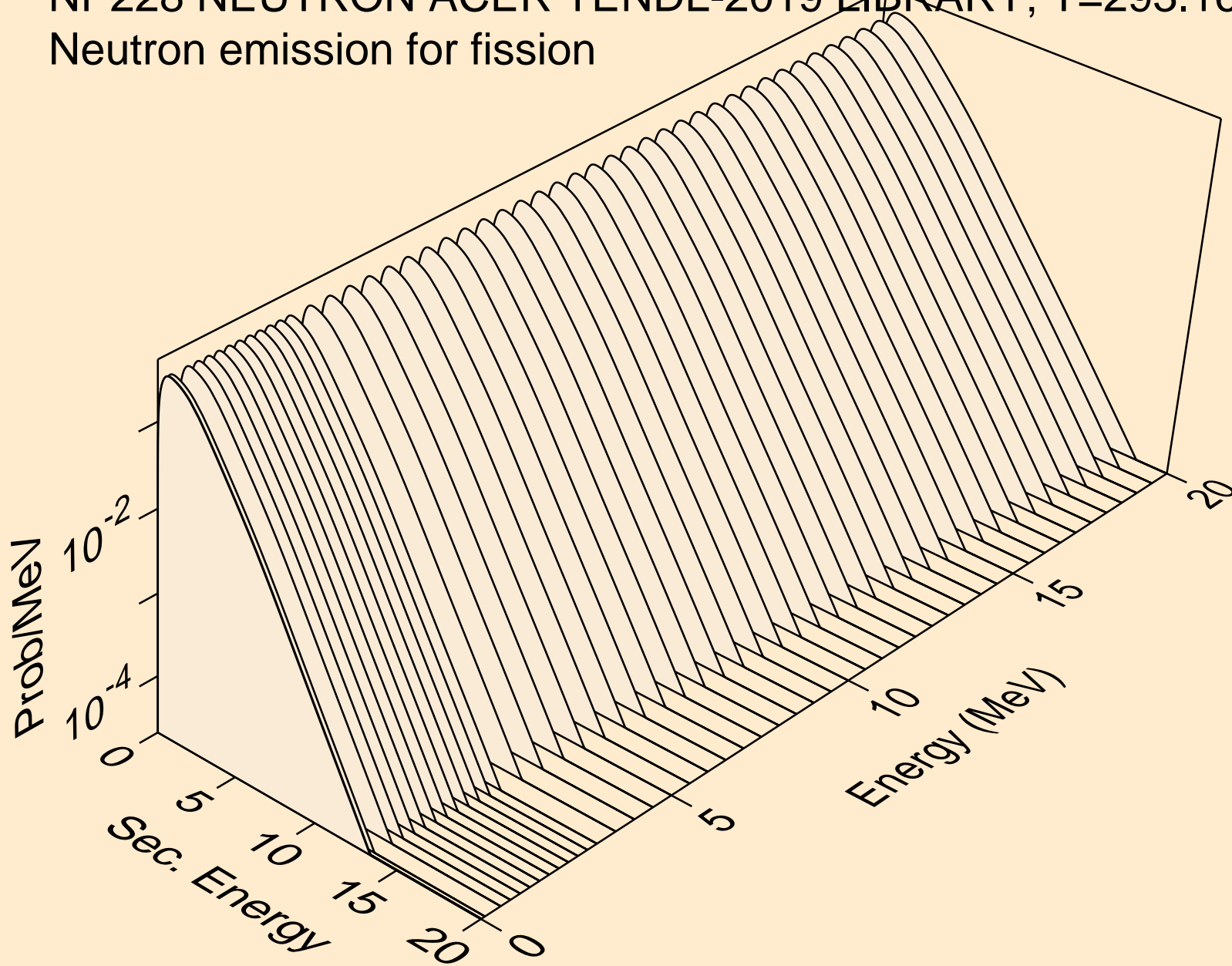
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



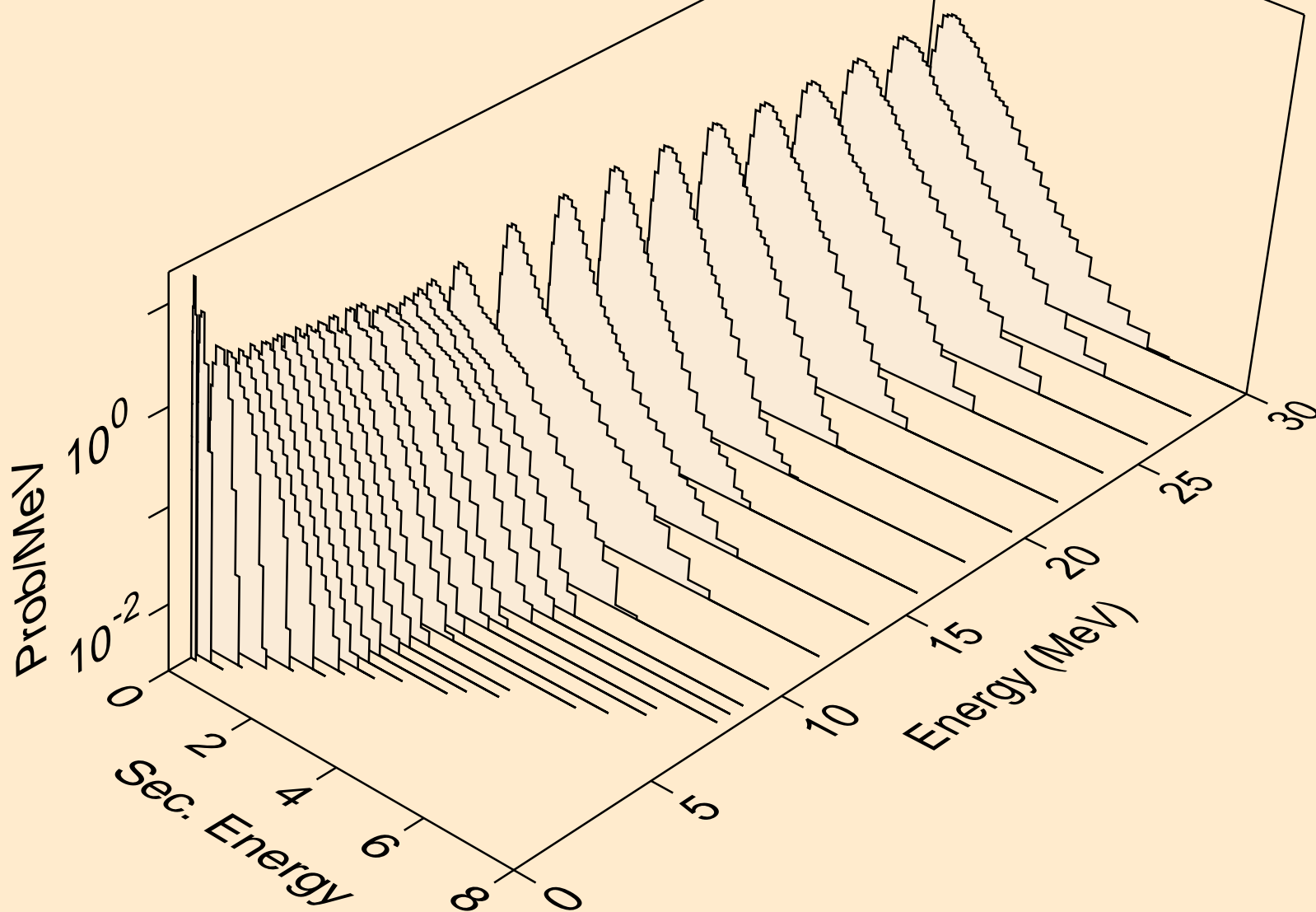
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Neutron emission for (n,3n)



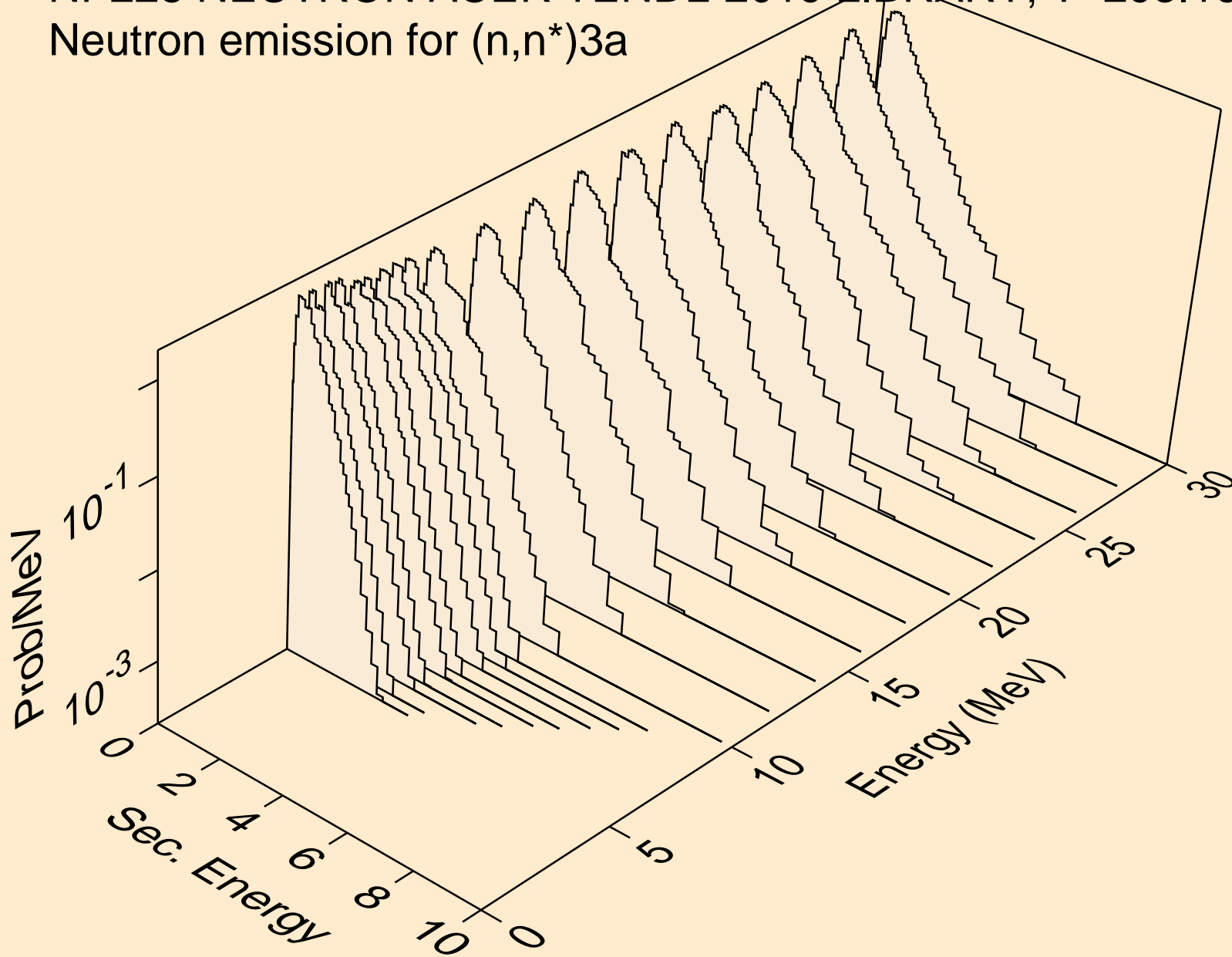
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



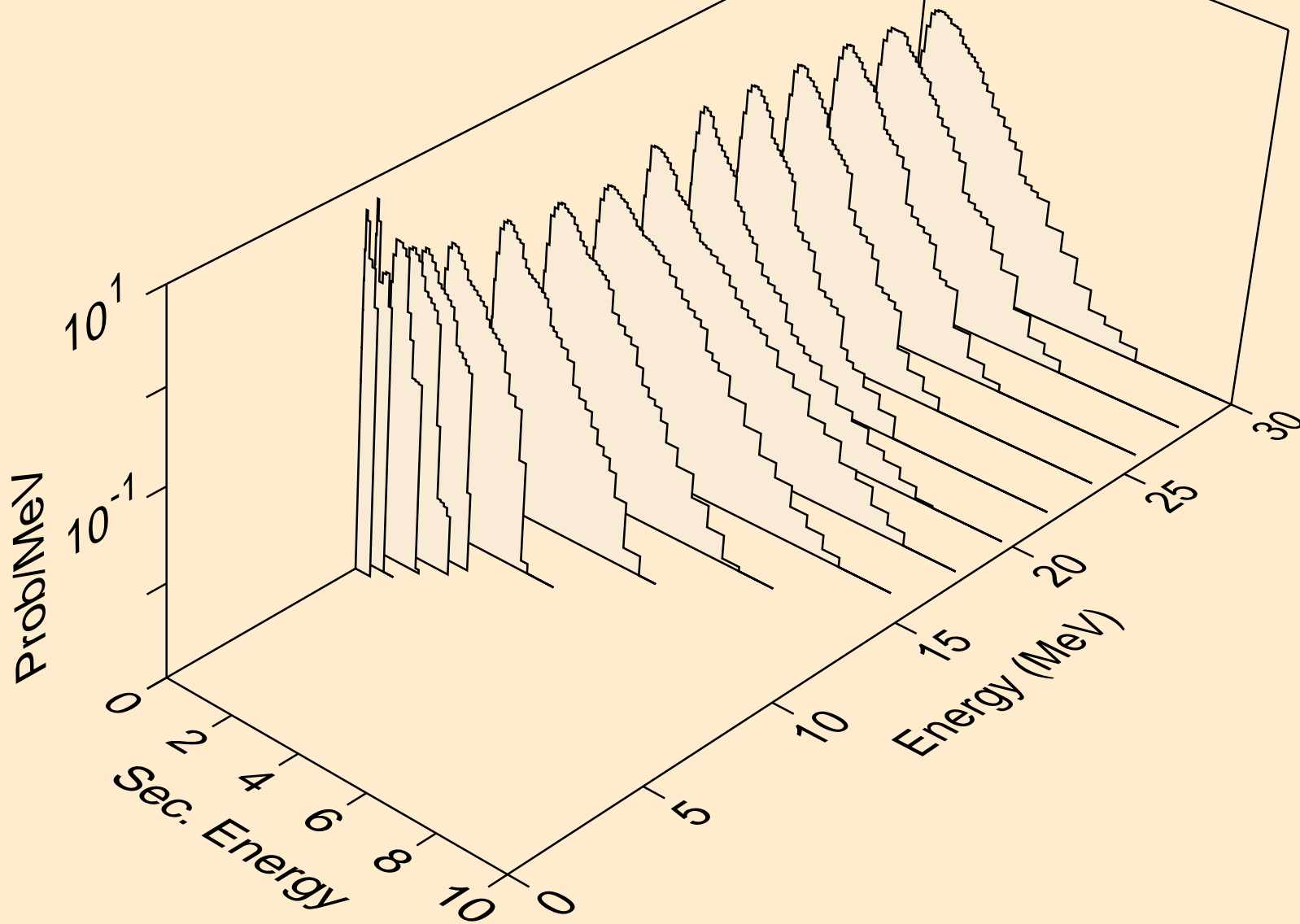
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



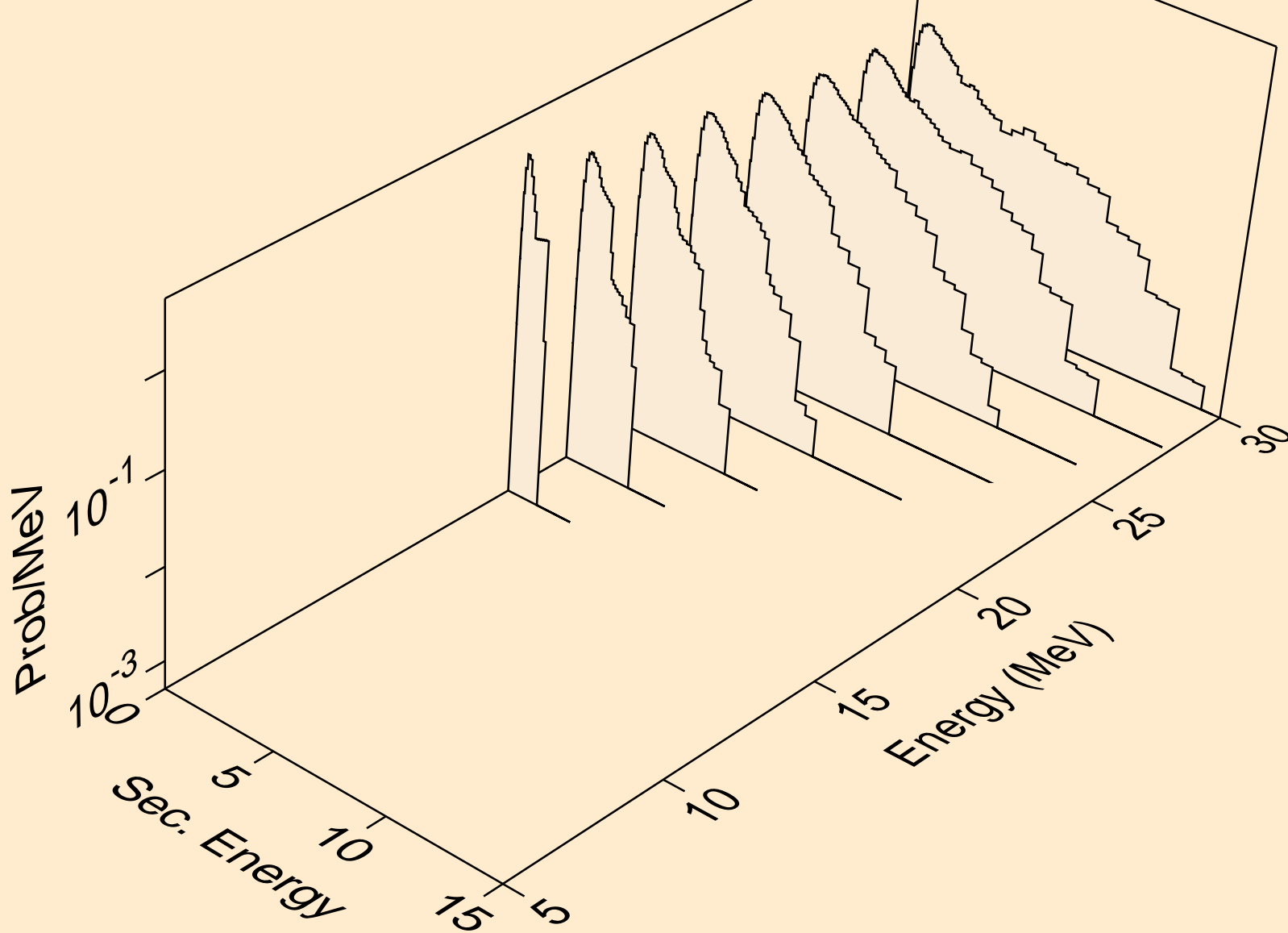
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)3a



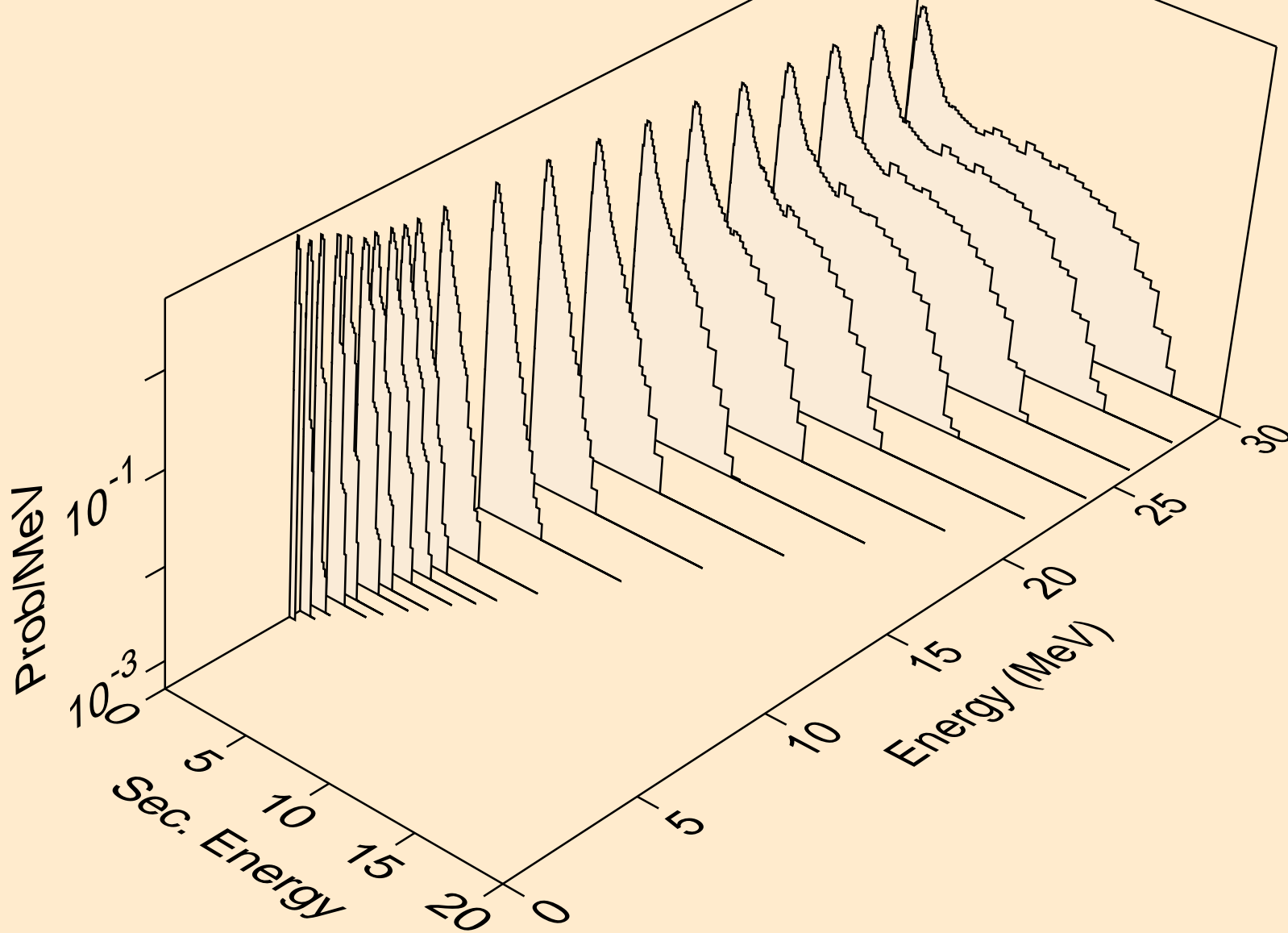
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Neutron emission for (n,2n)a



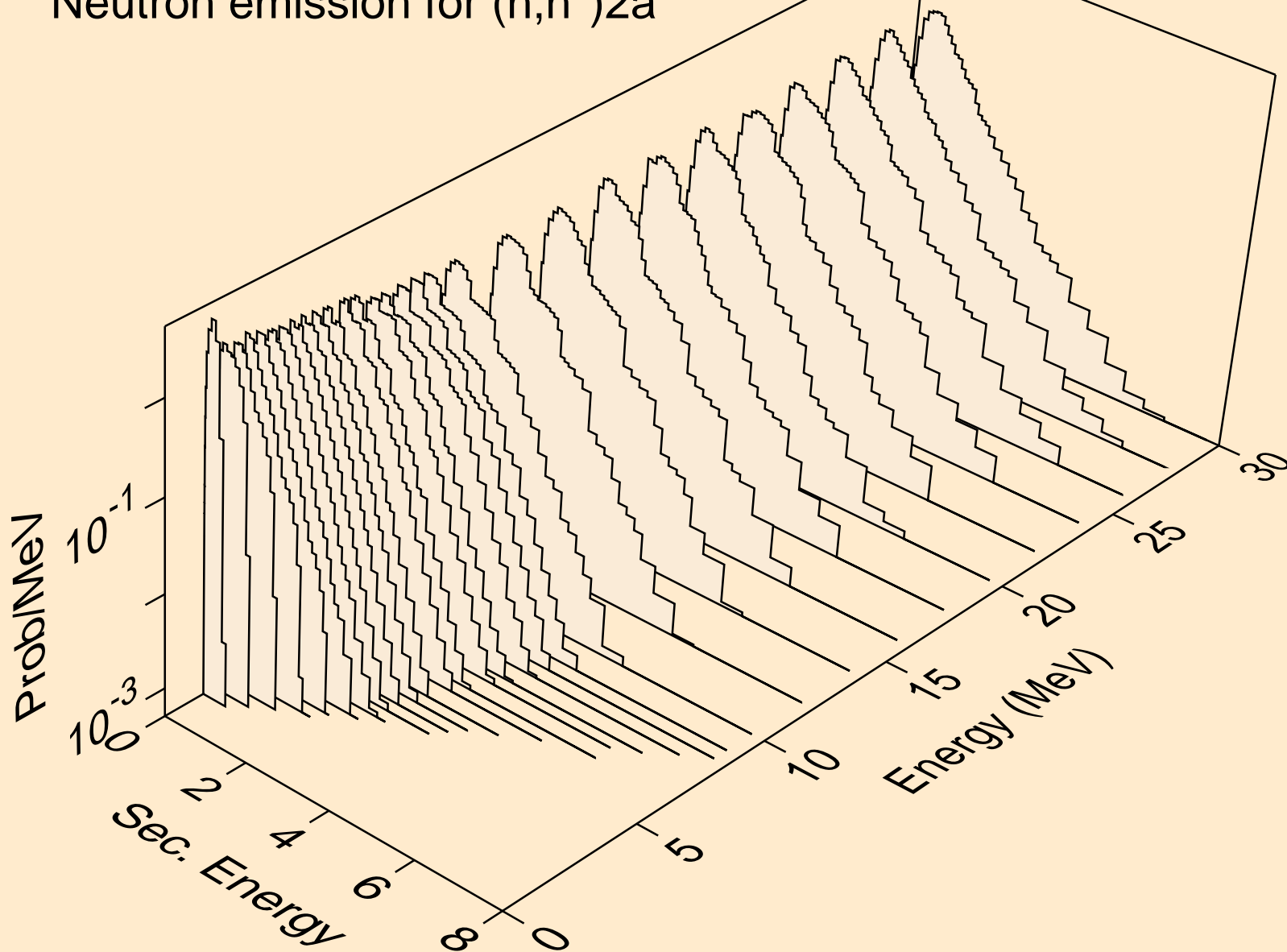
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Neutron emission for (n,3n)a



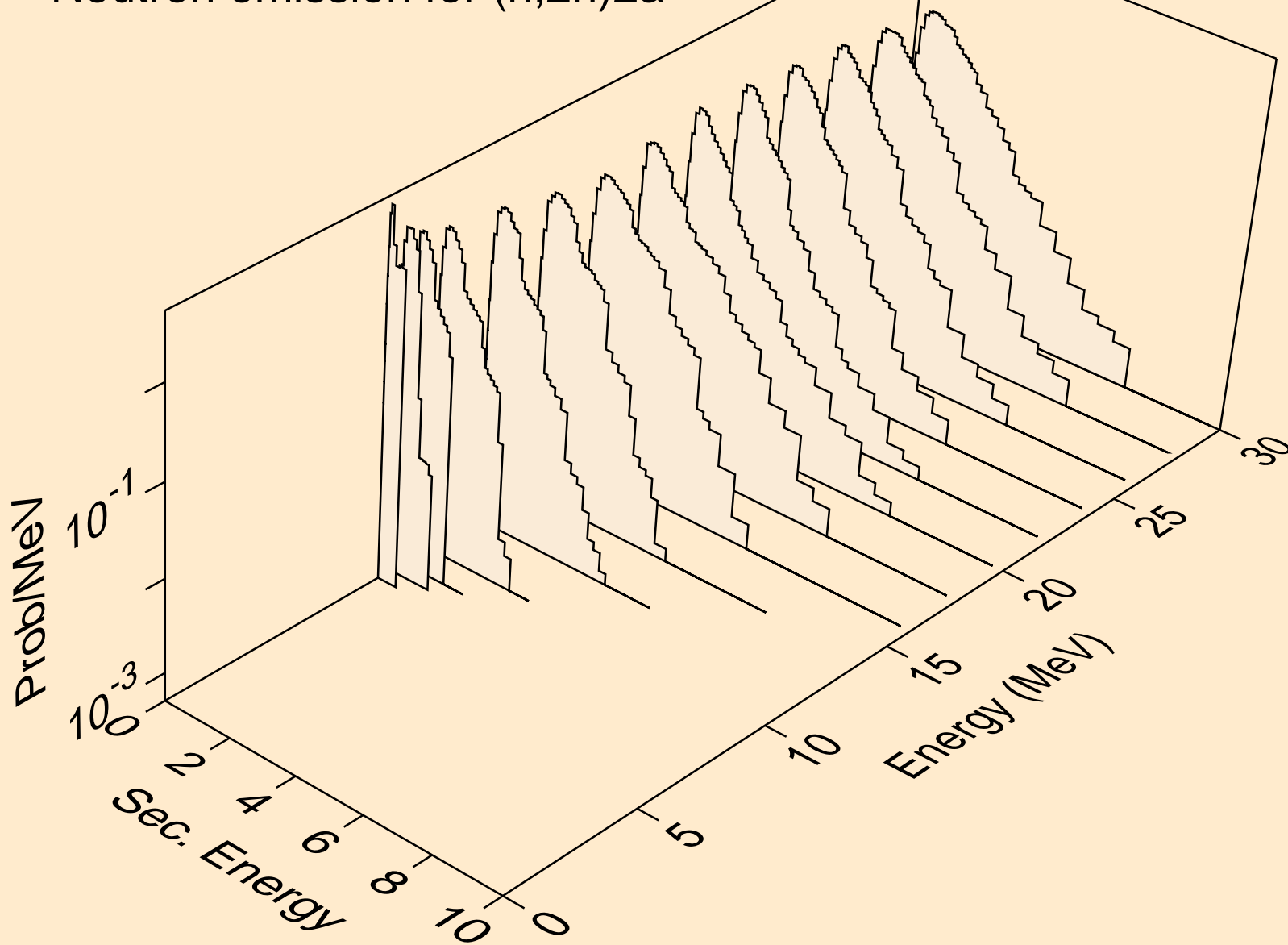
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



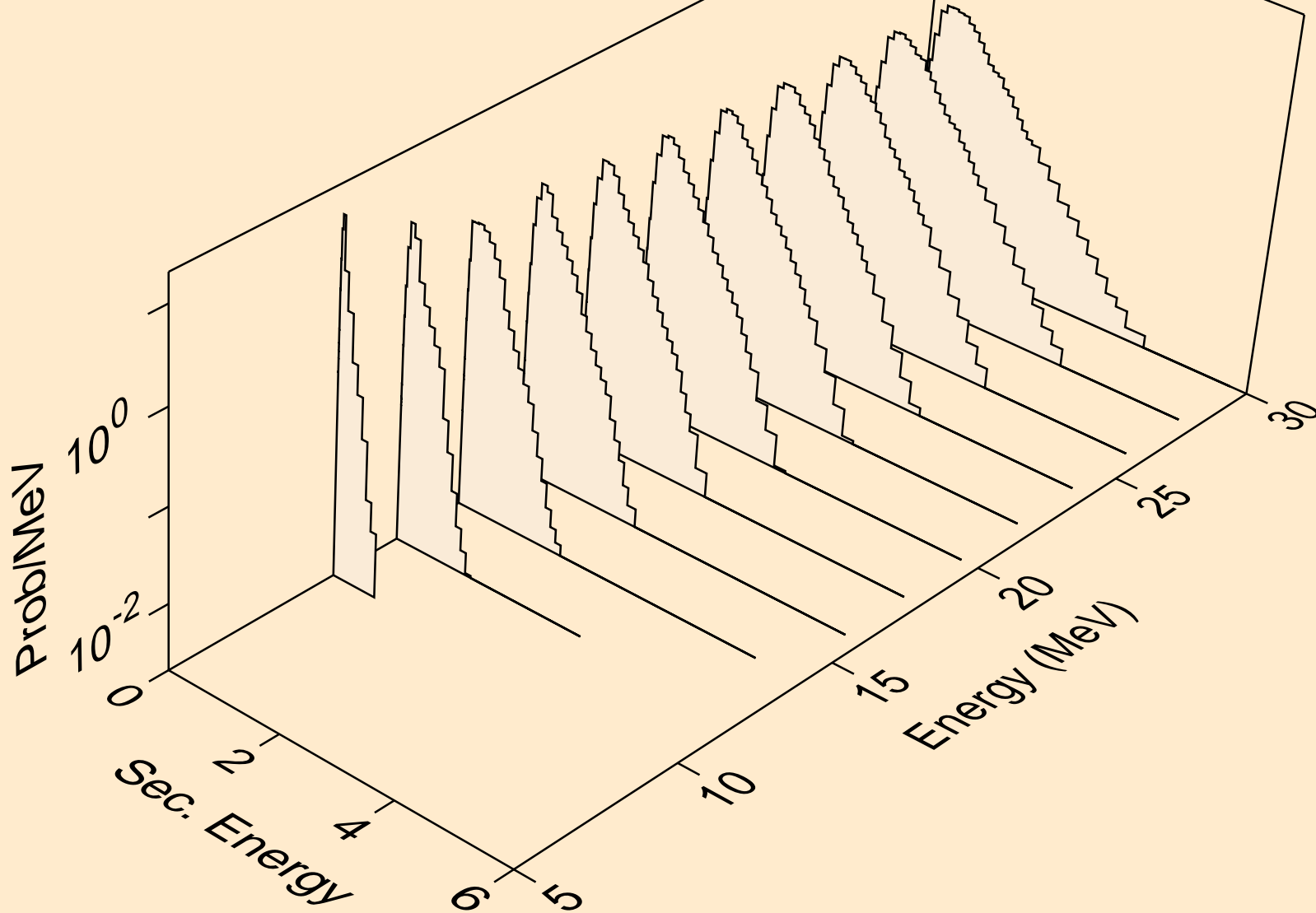
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Neutron emission for (n,n*)2a



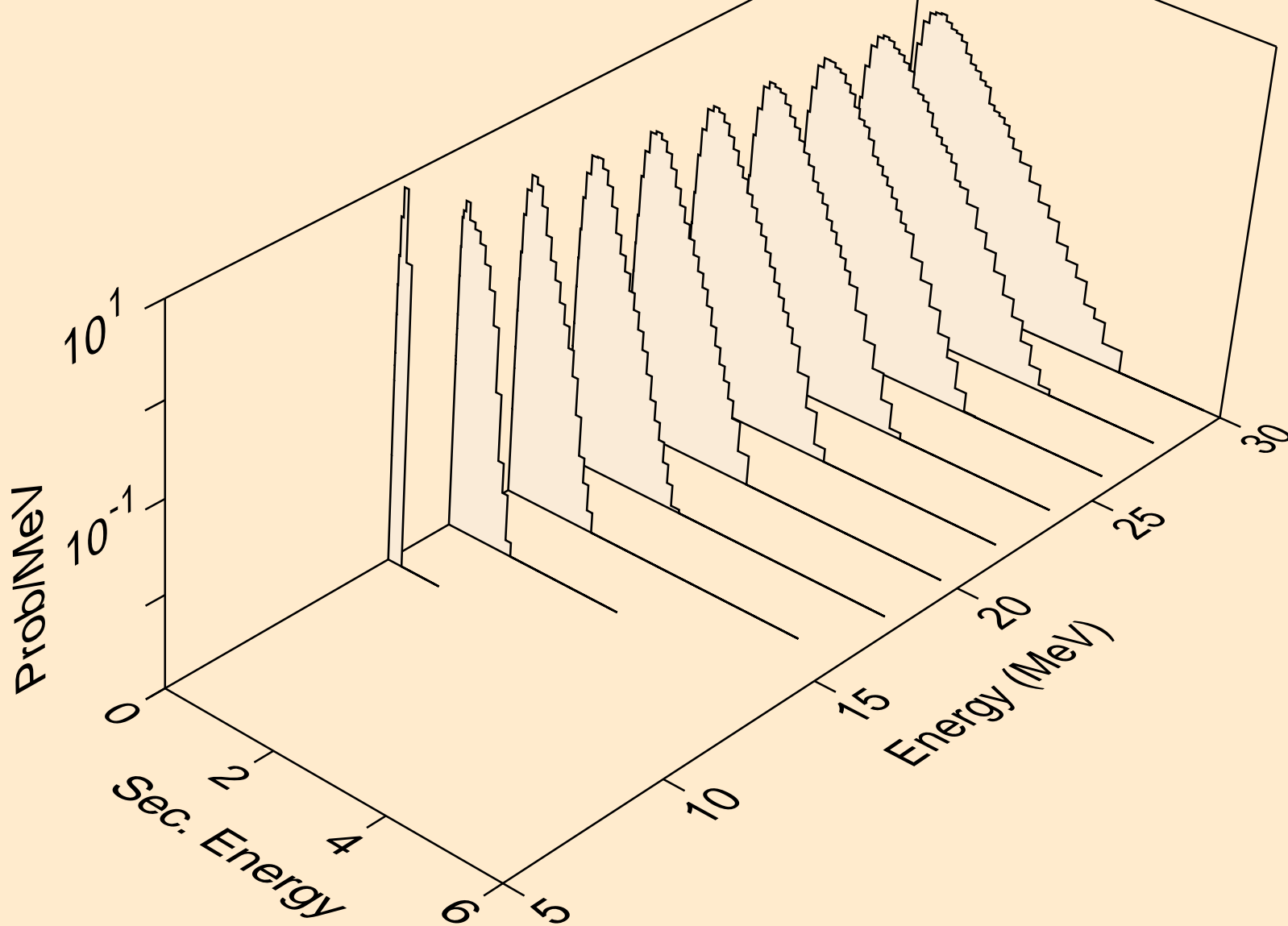
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Neutron emission for (n,2n)2a



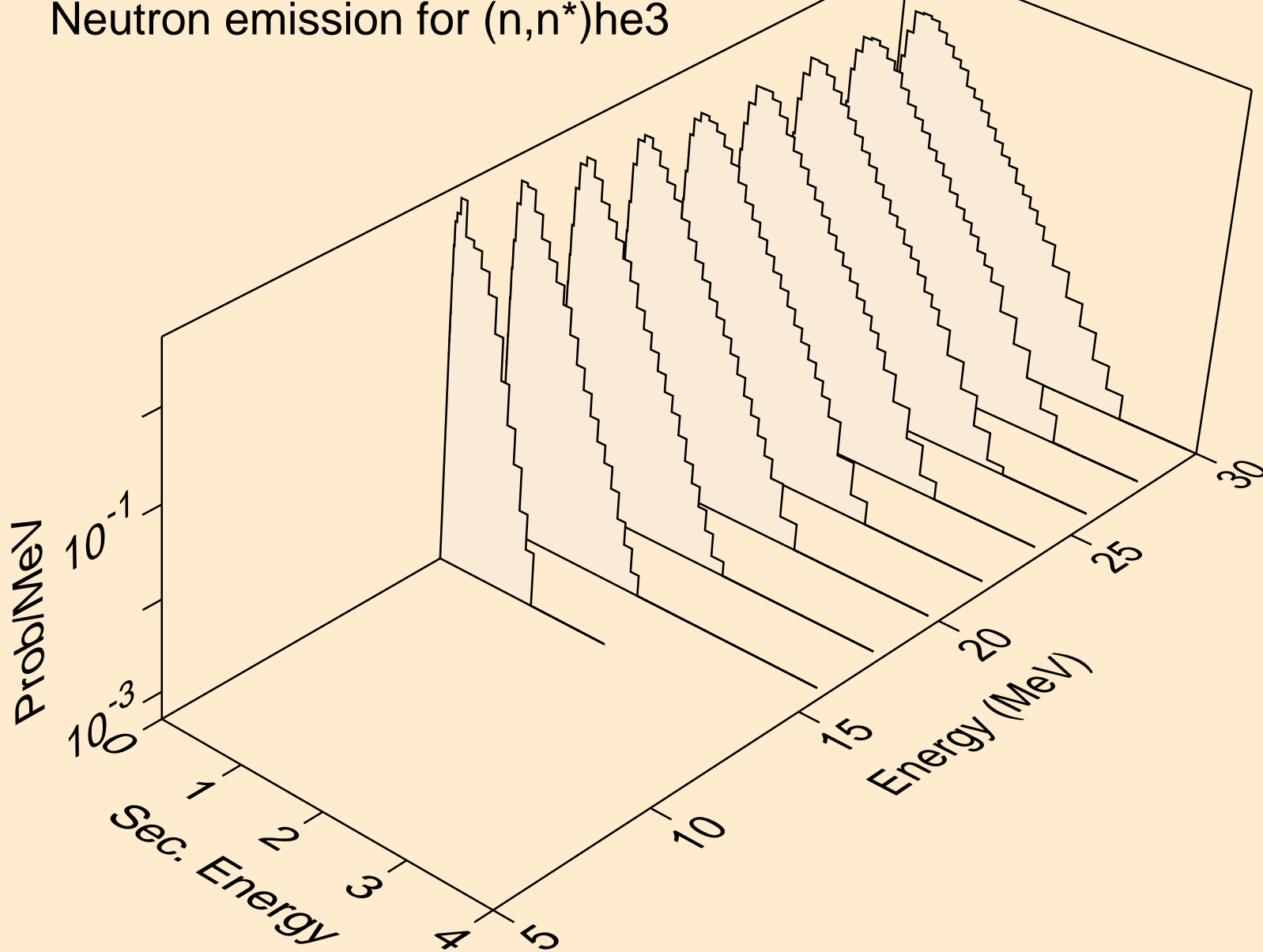
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



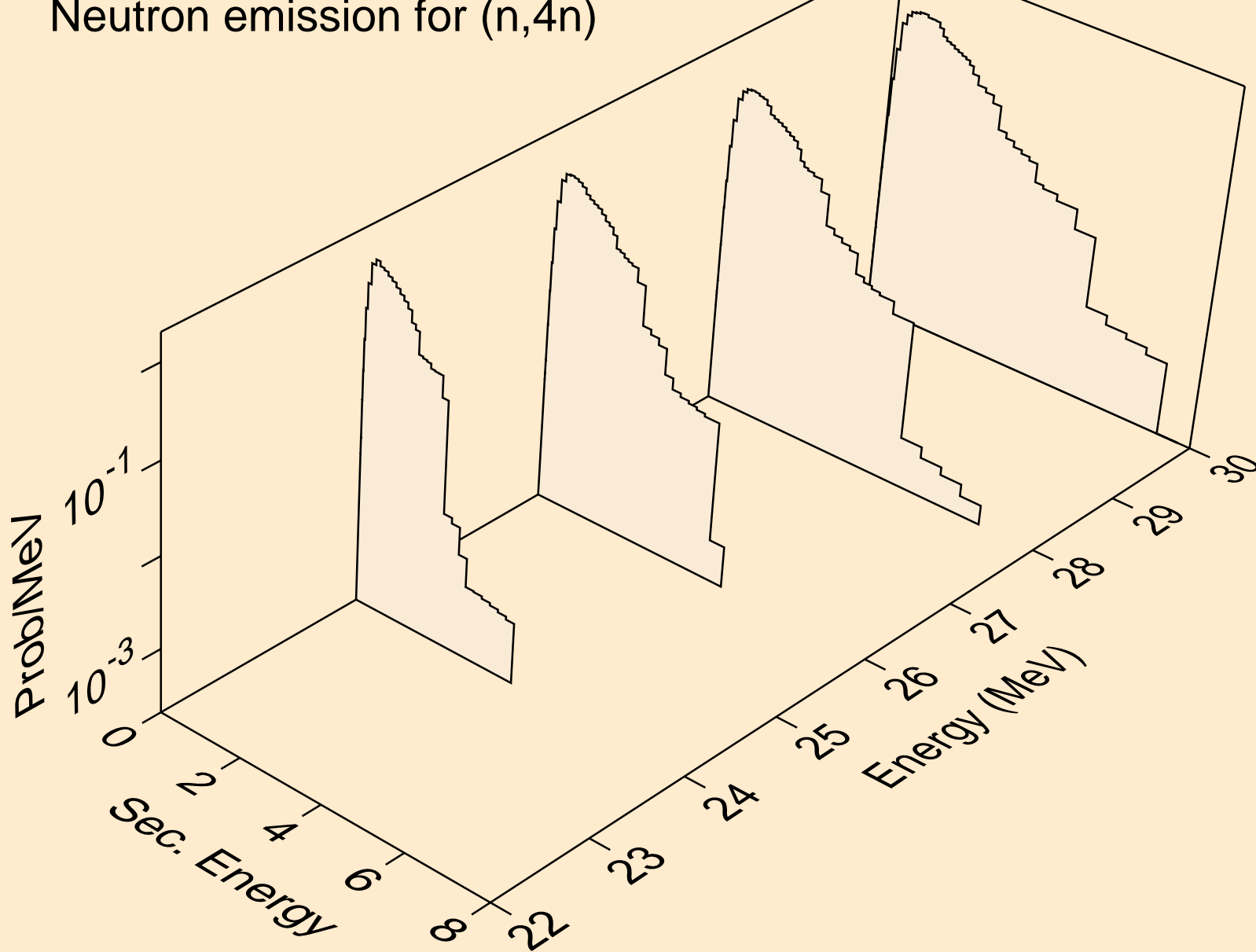
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



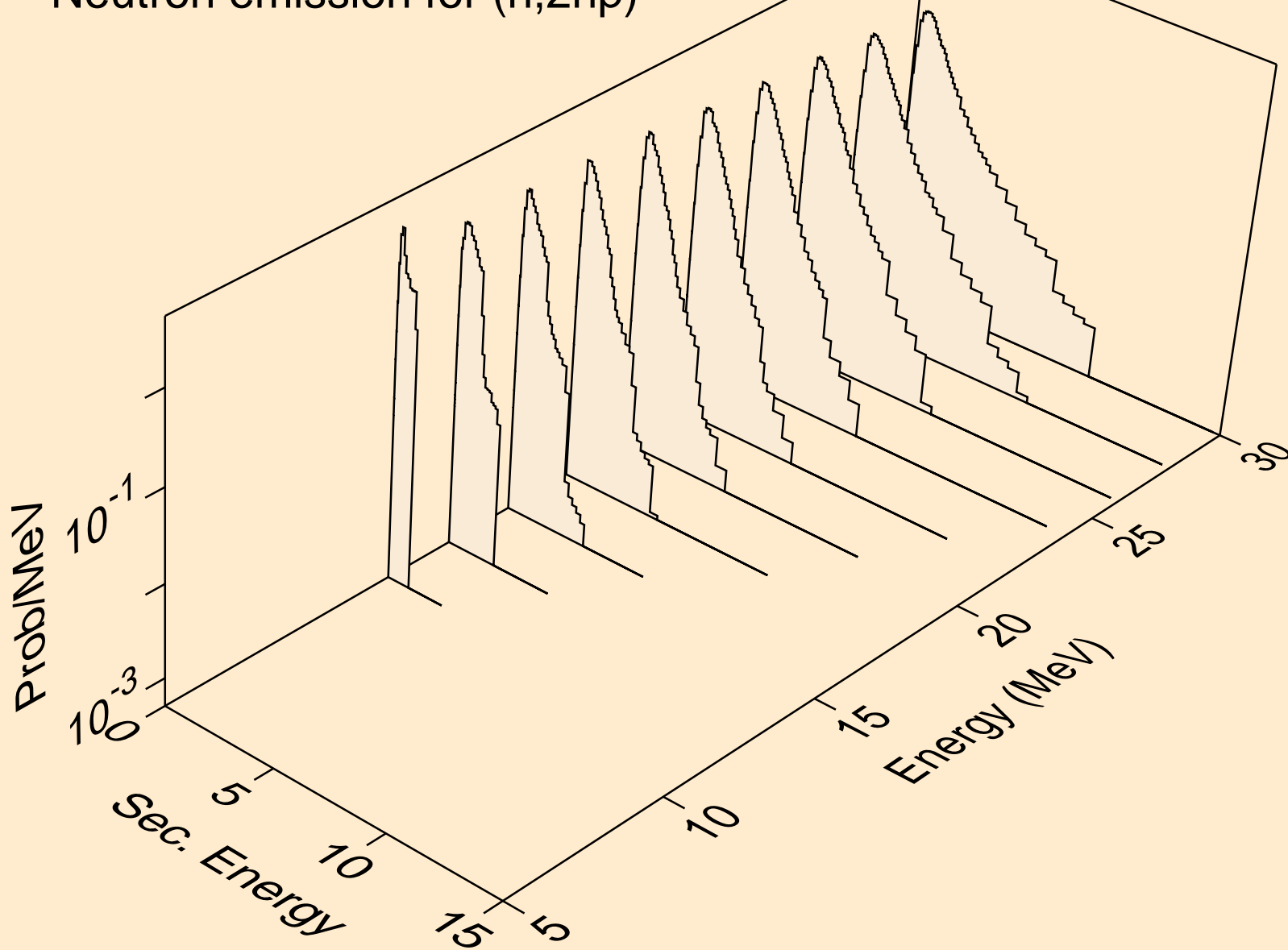
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



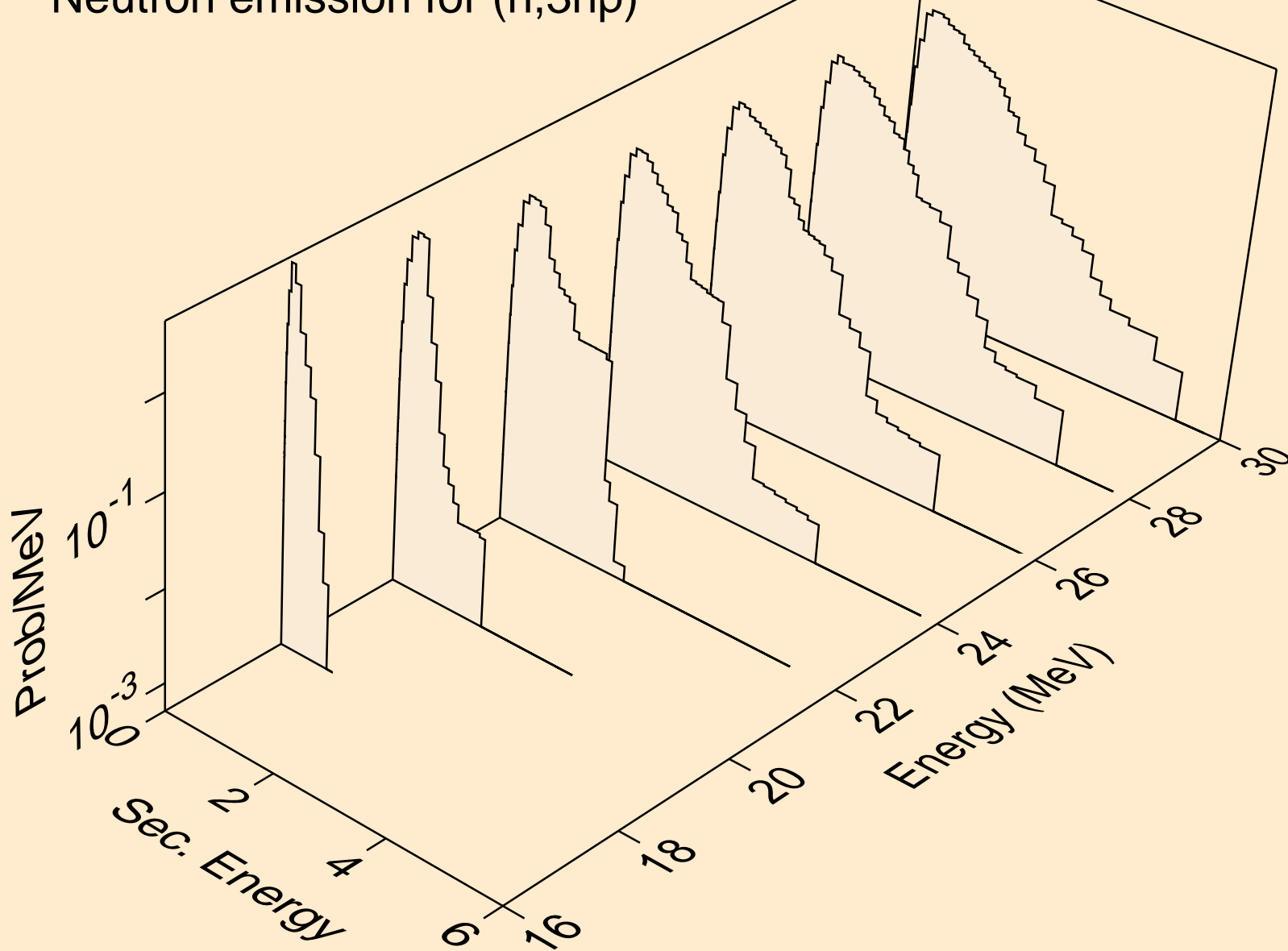
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



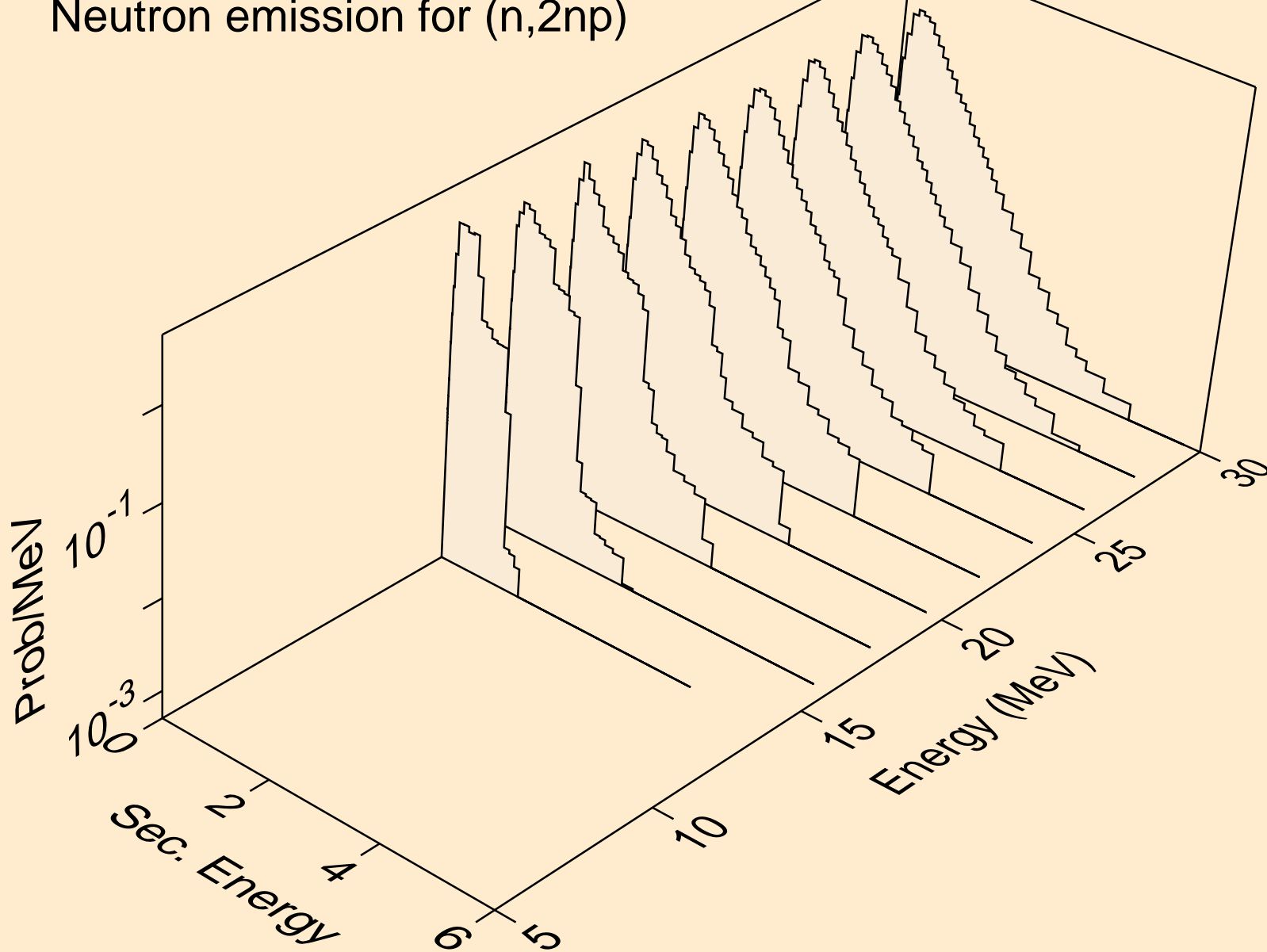
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



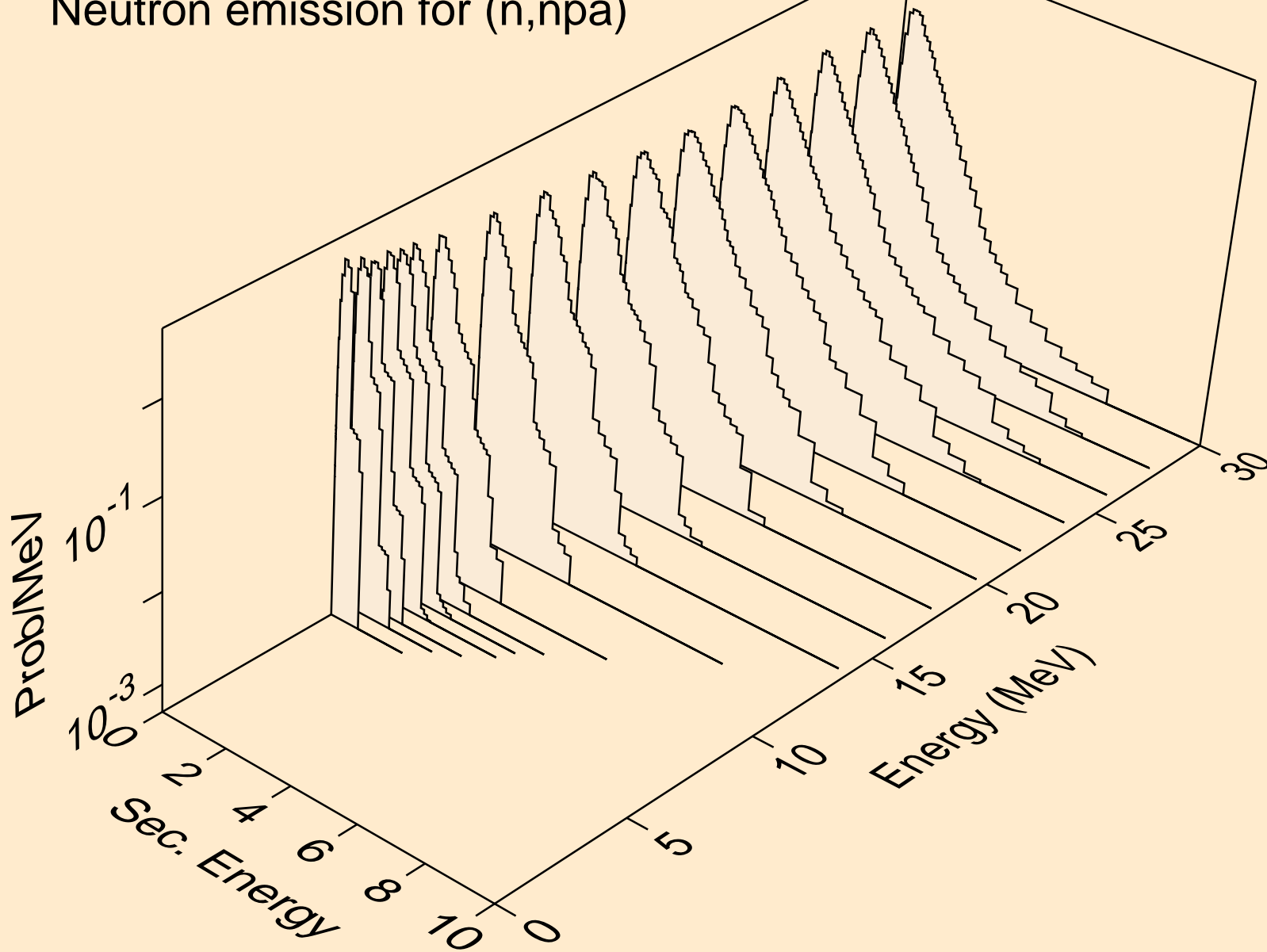
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Neutron emission for (n,3np)



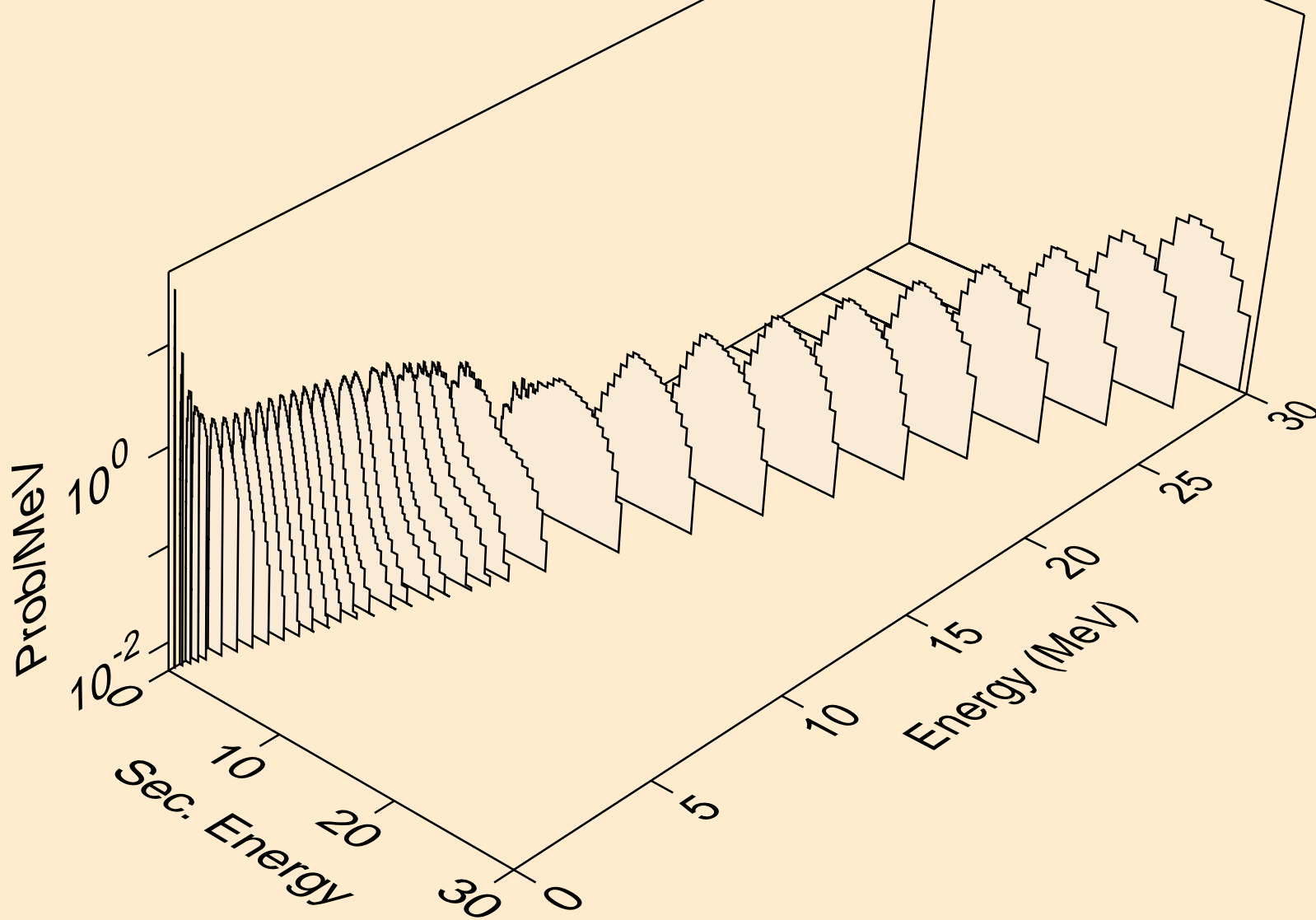
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Neutron emission for (n,2np)



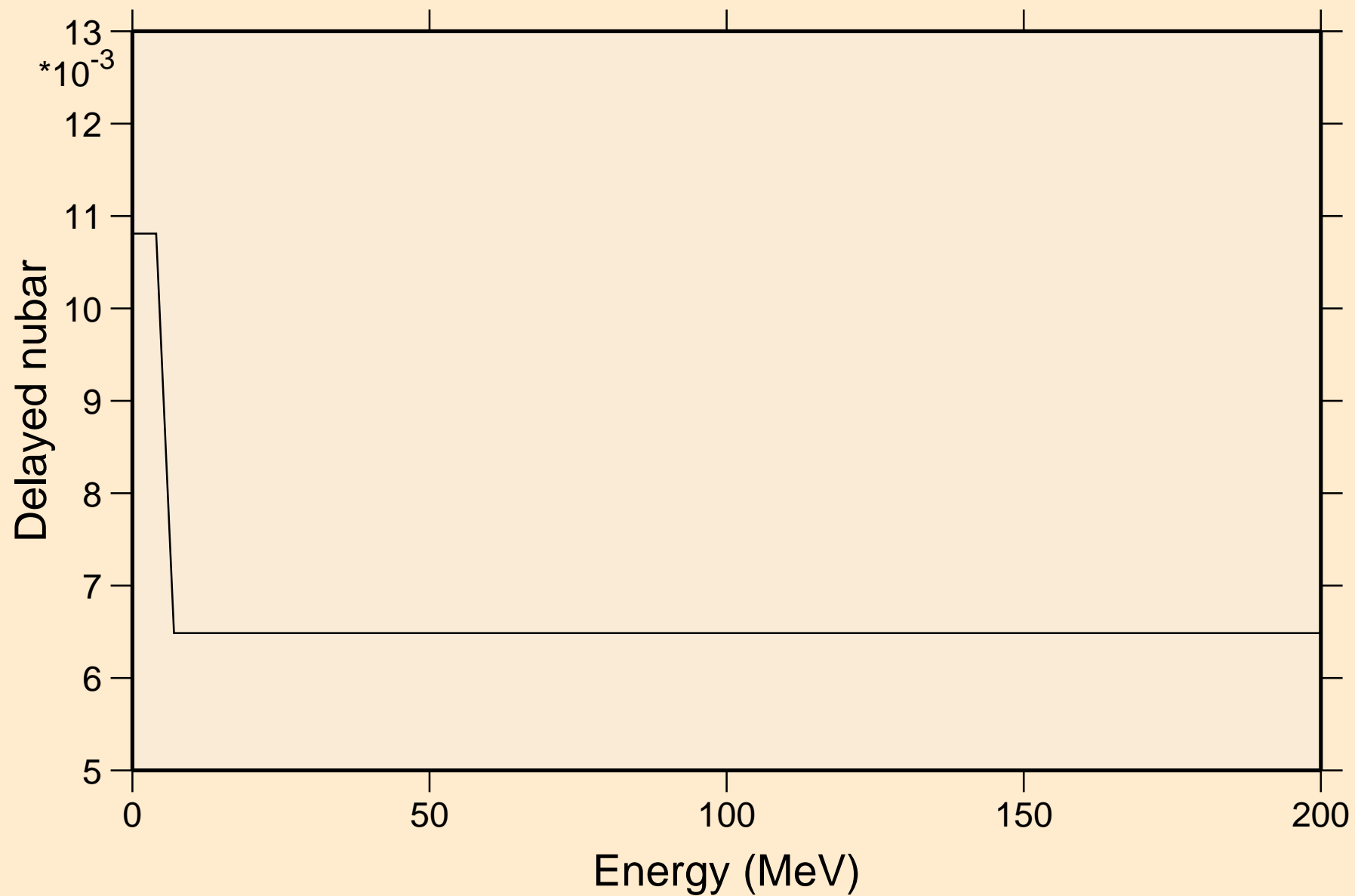
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

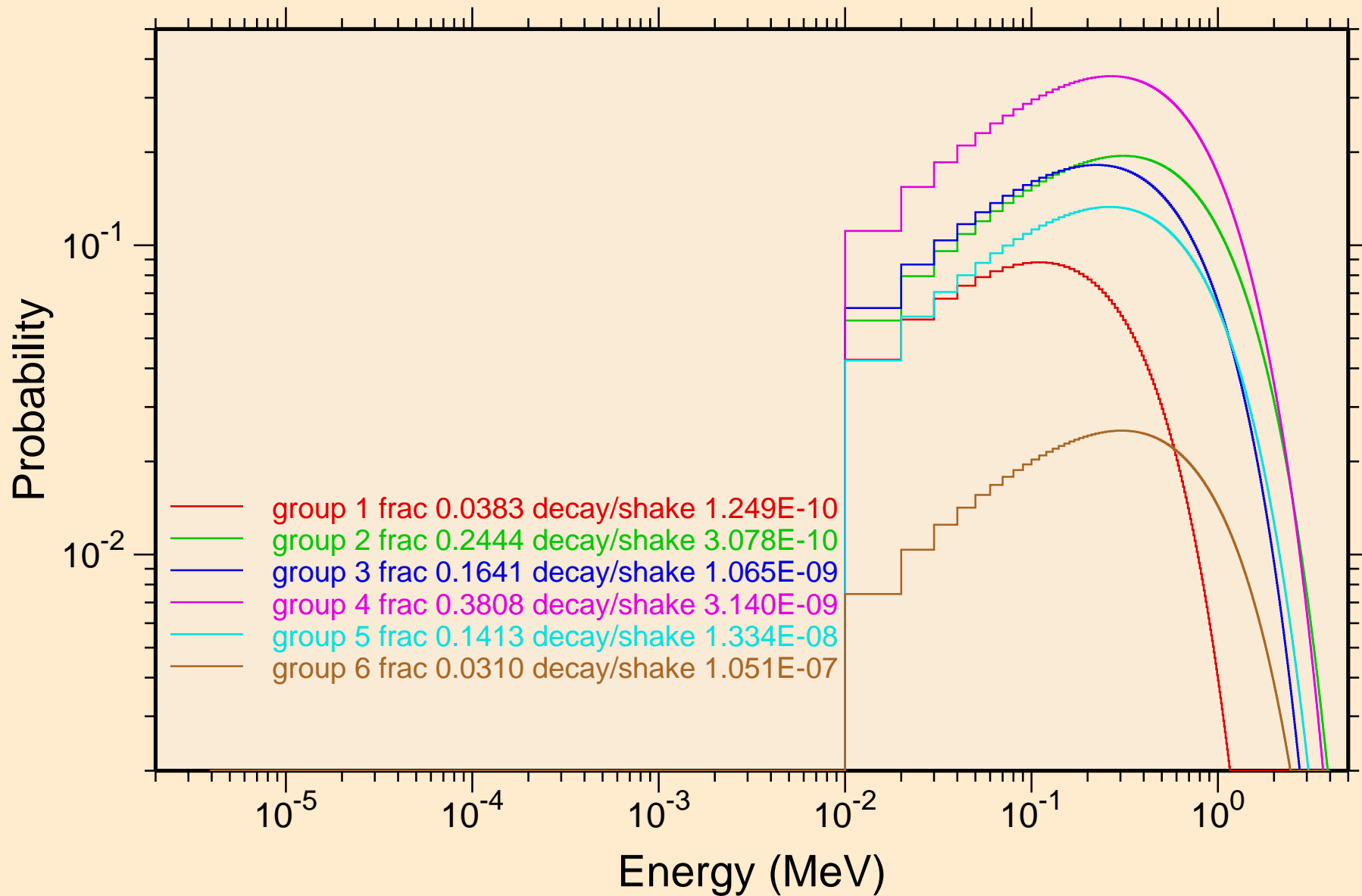


NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

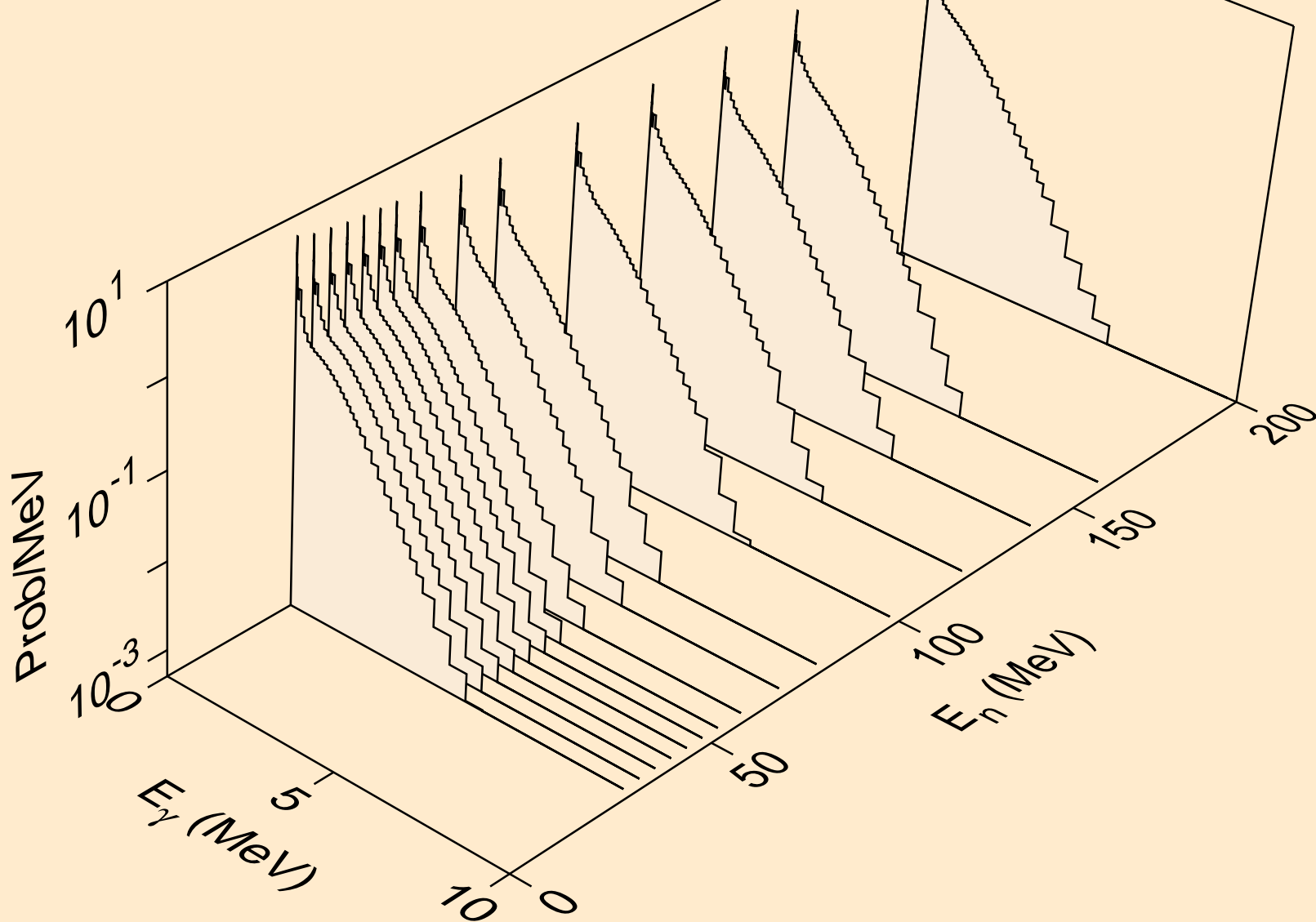


NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

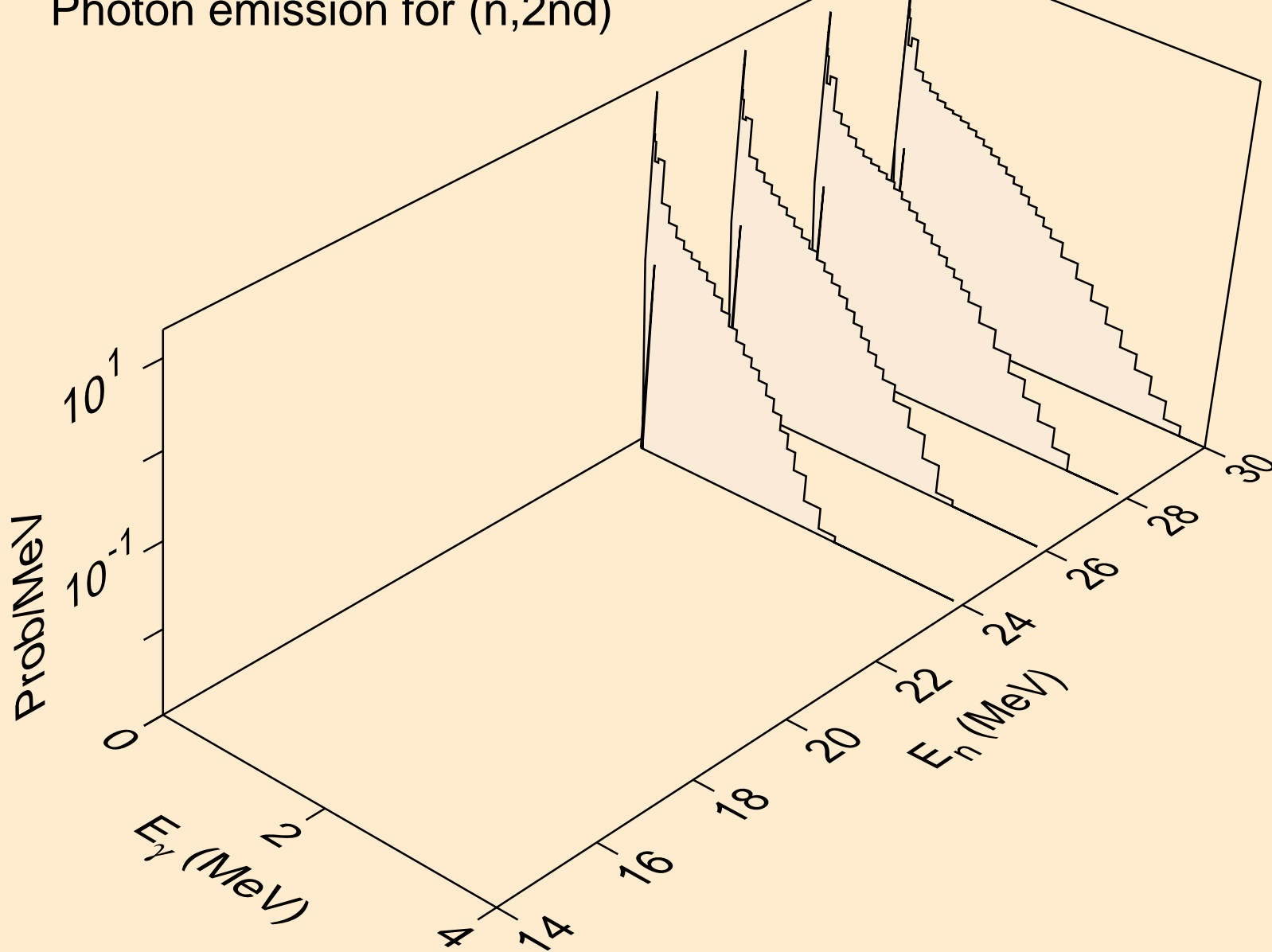
Delayed neutron spectra



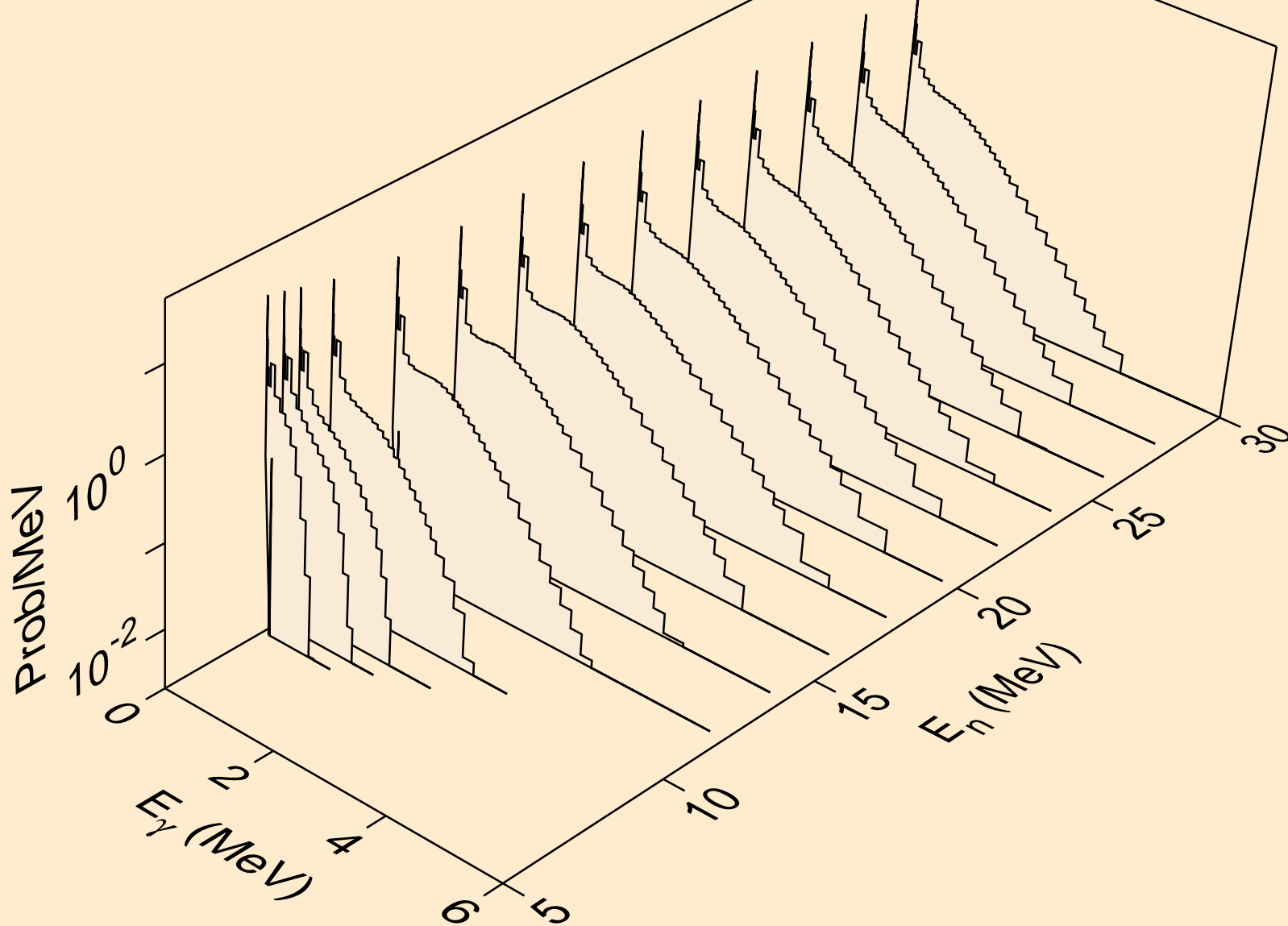
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



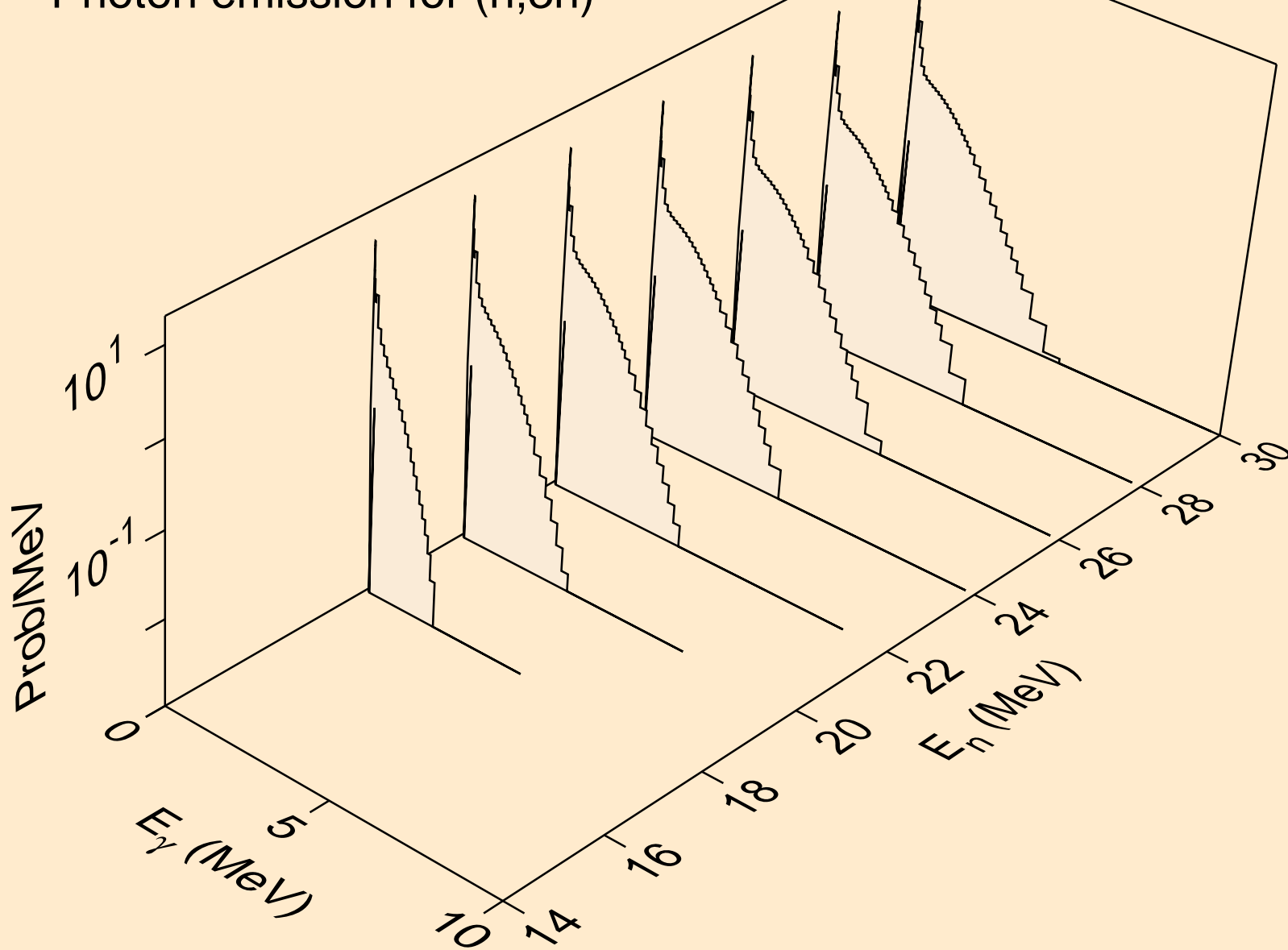
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



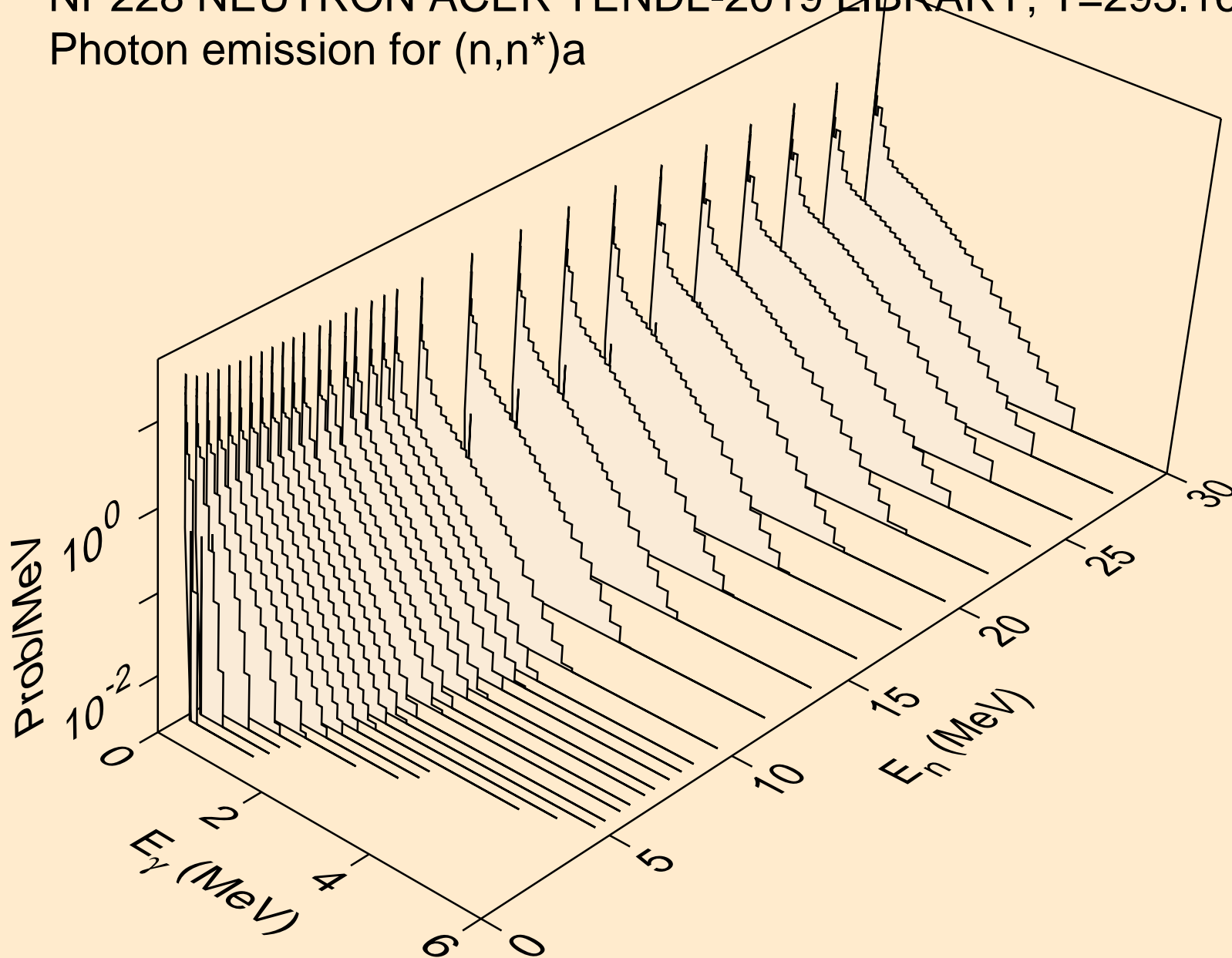
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Photon emission for (n,2n)



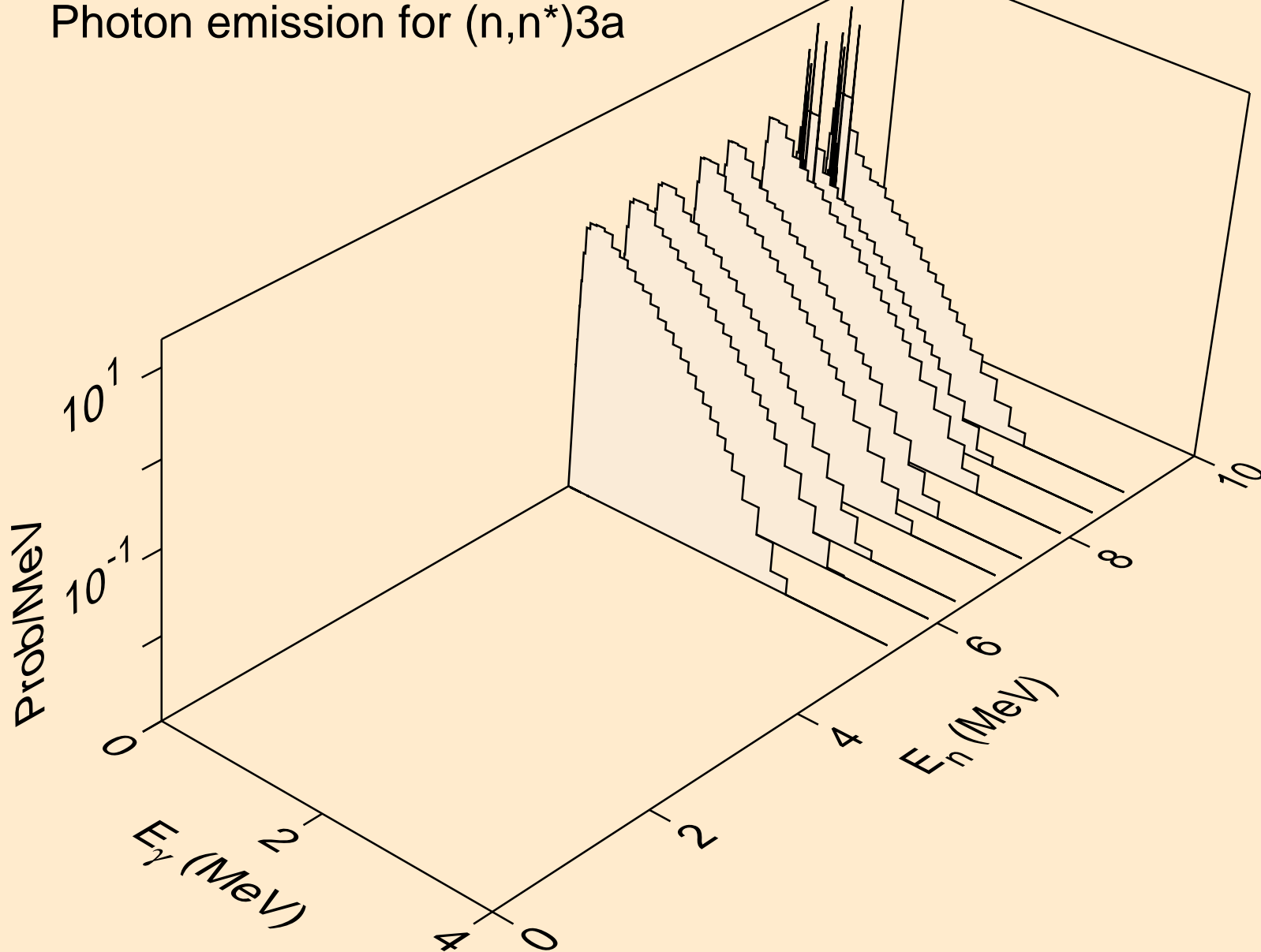
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Photon emission for (n,3n)



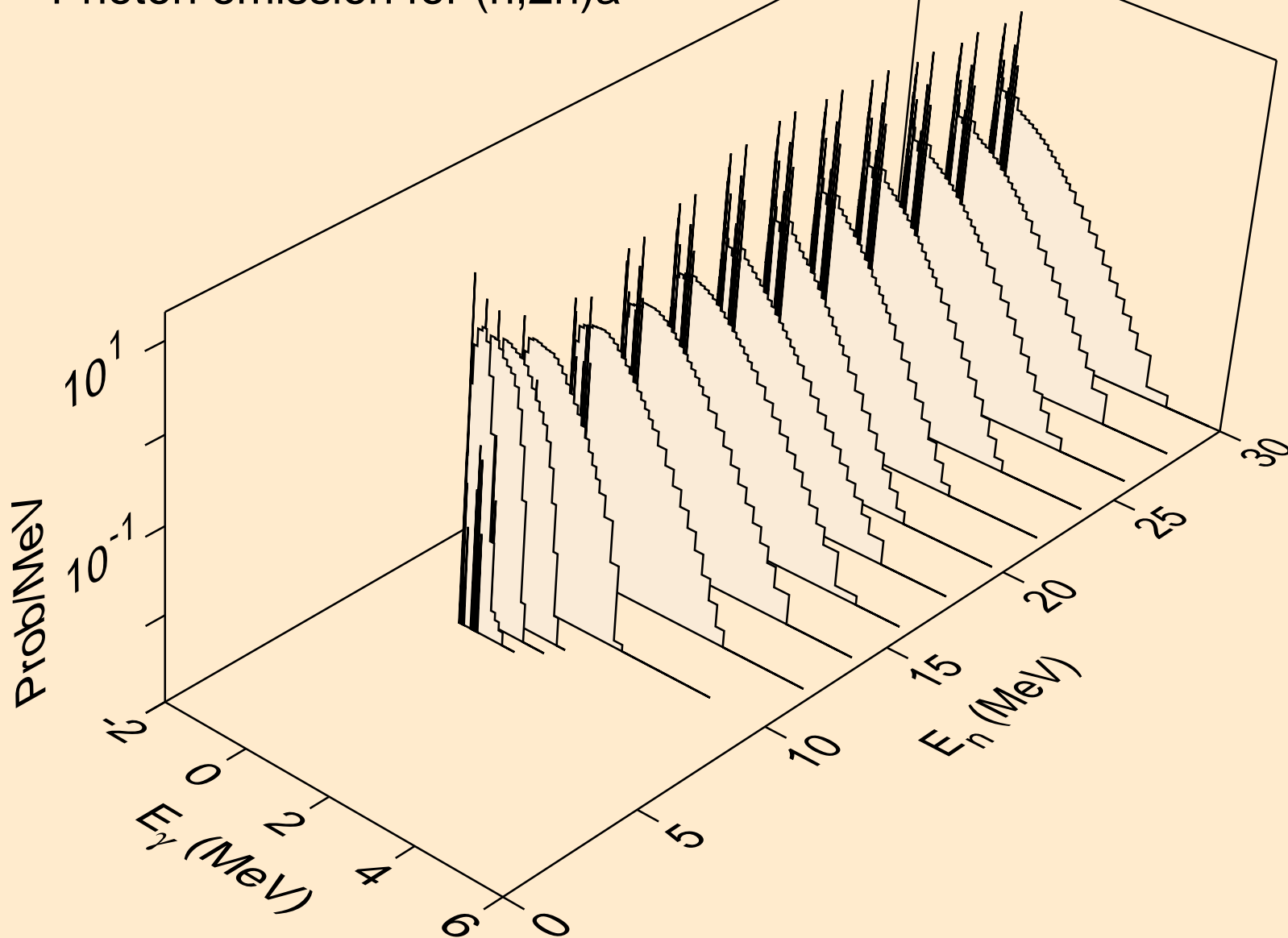
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



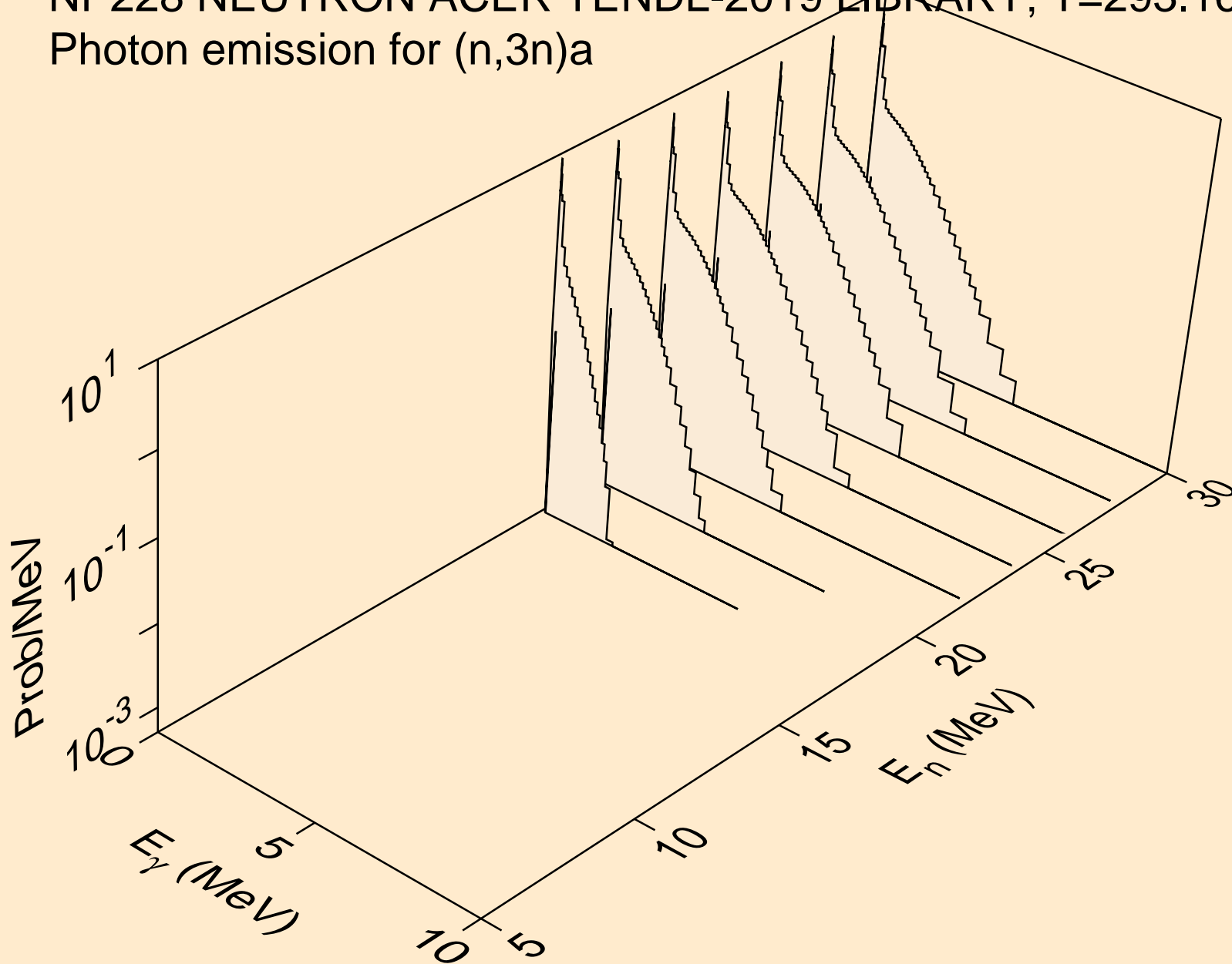
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)3a



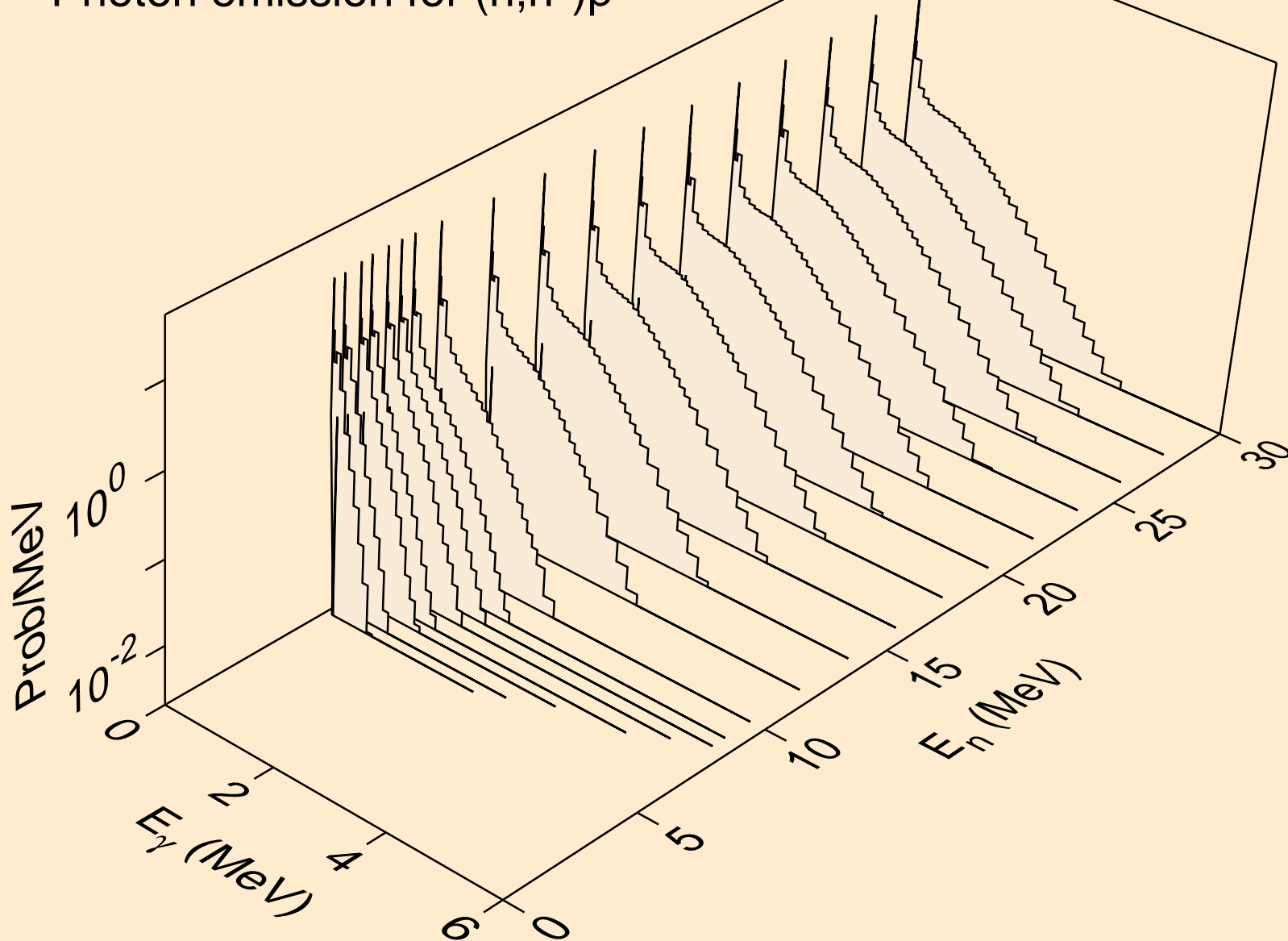
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



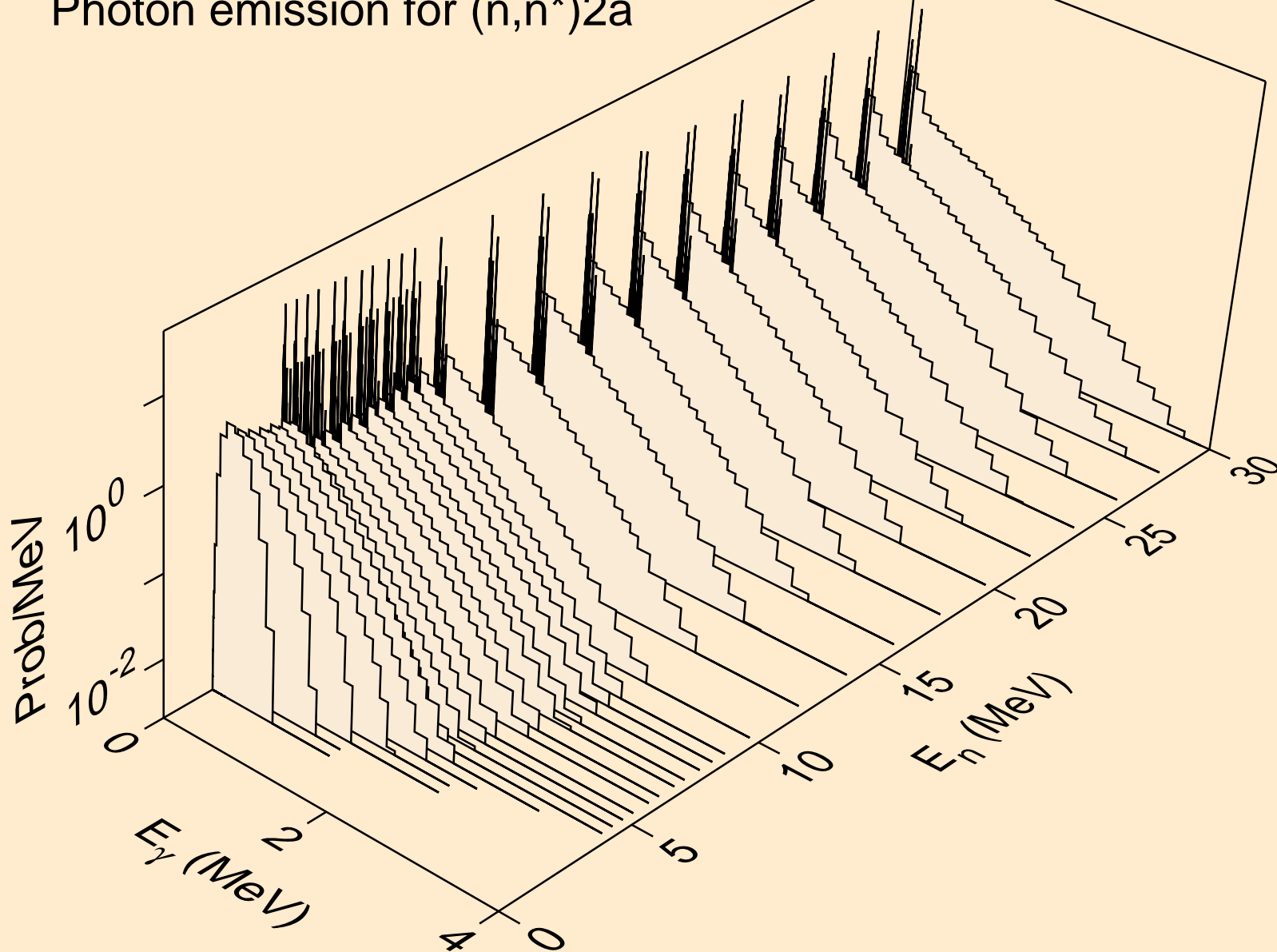
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



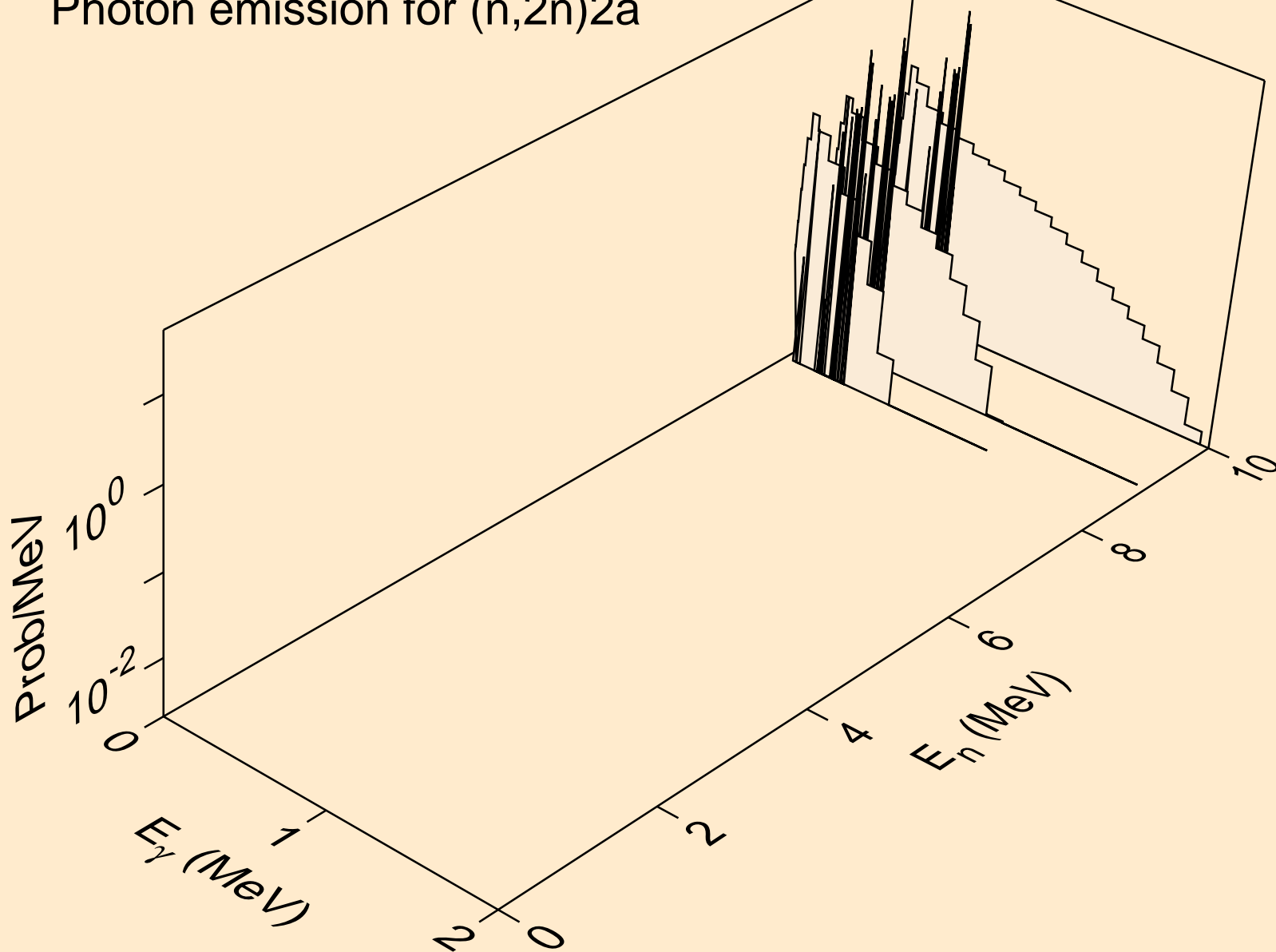
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



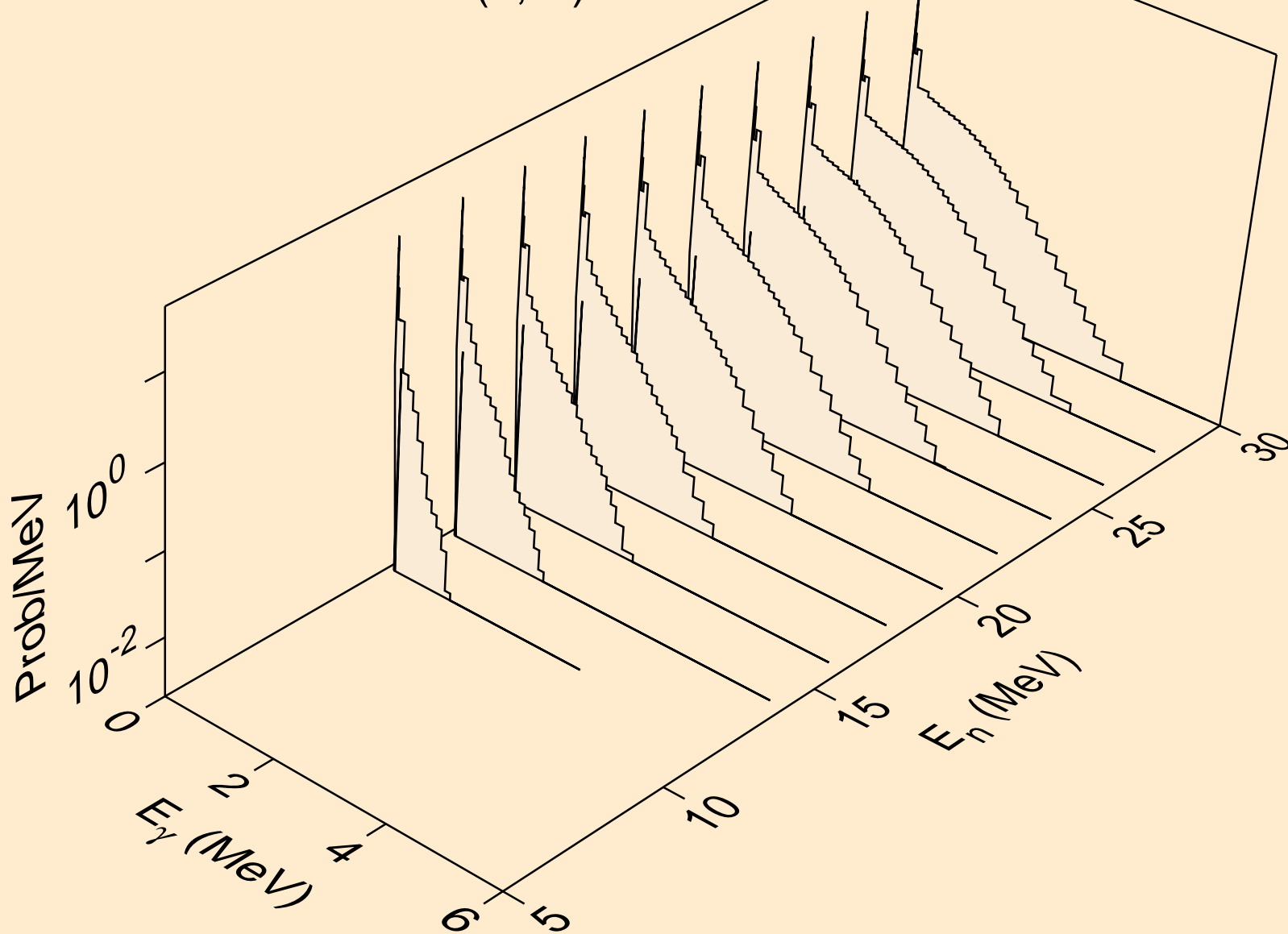
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Photon emission for (n,n*)2a



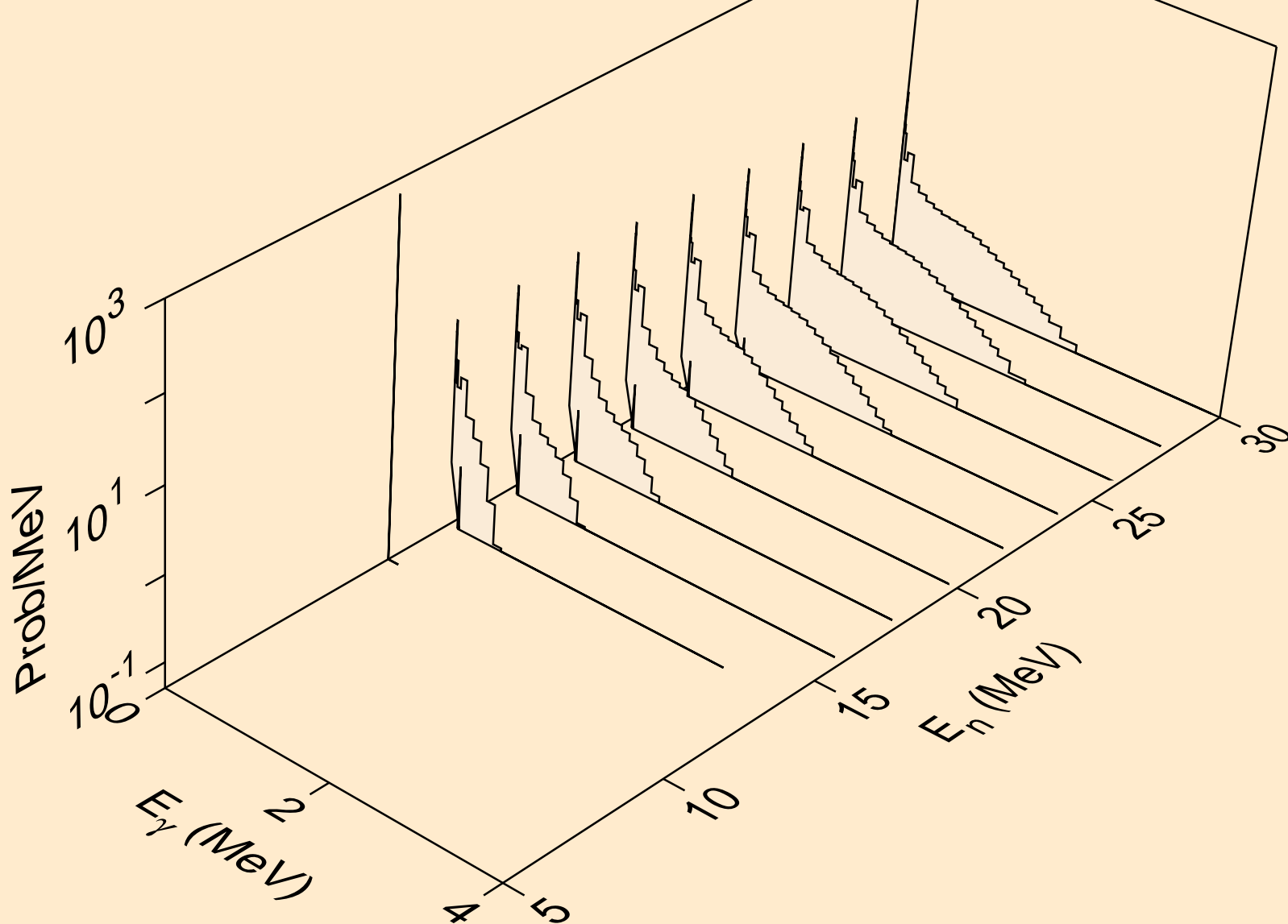
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Photon emission for (n,2n)2a



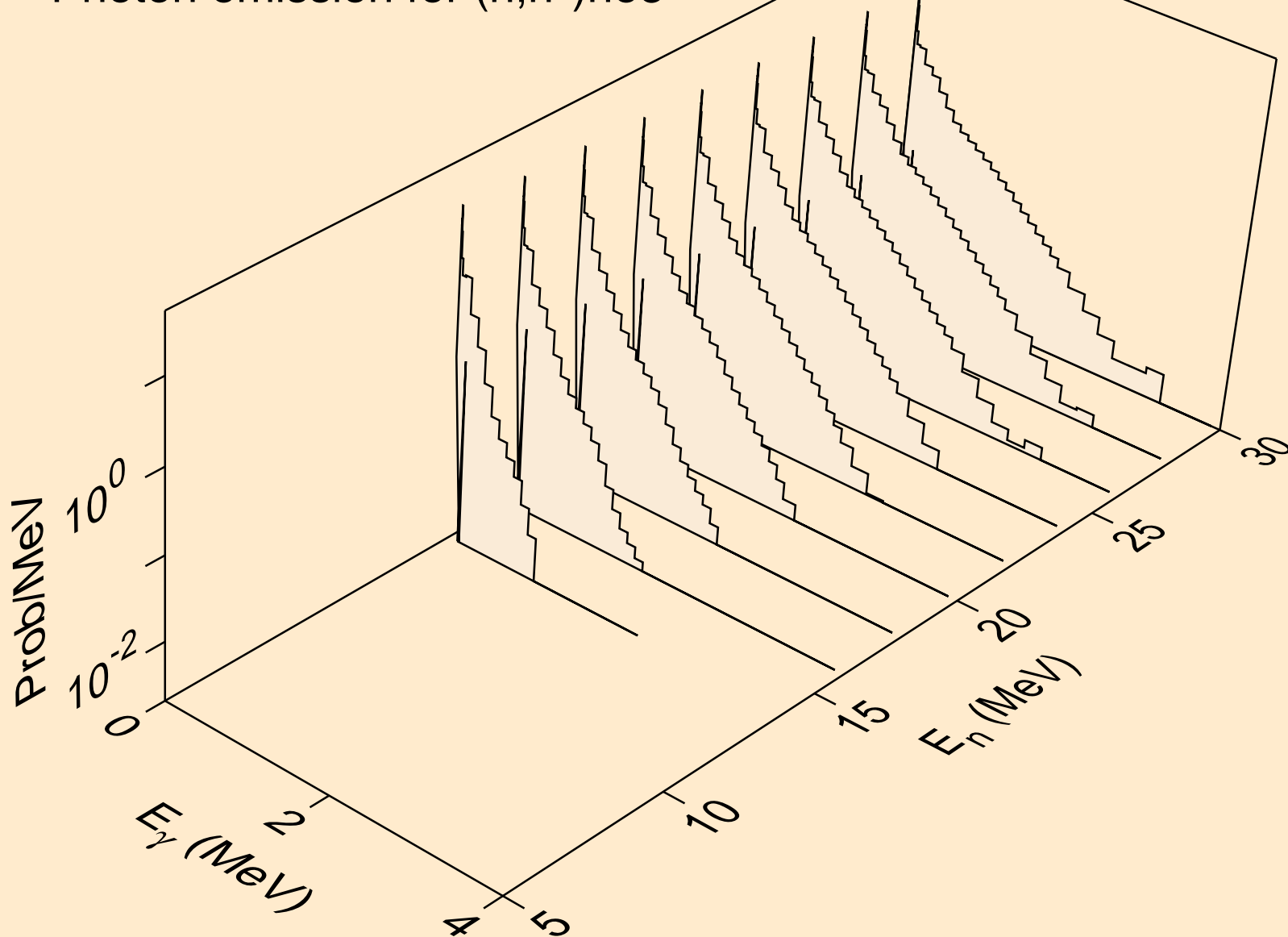
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



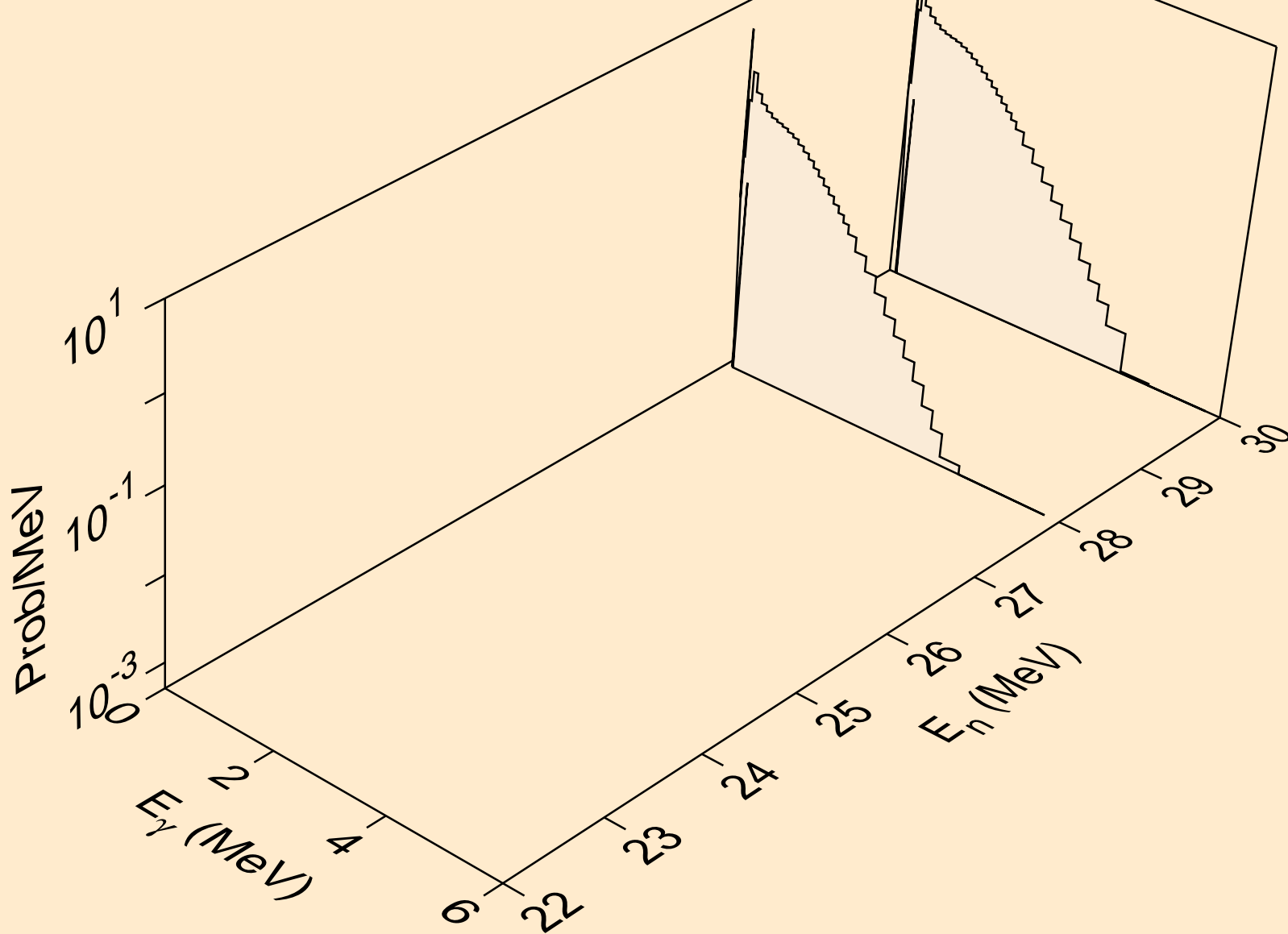
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Photon emission for (n,n*)t



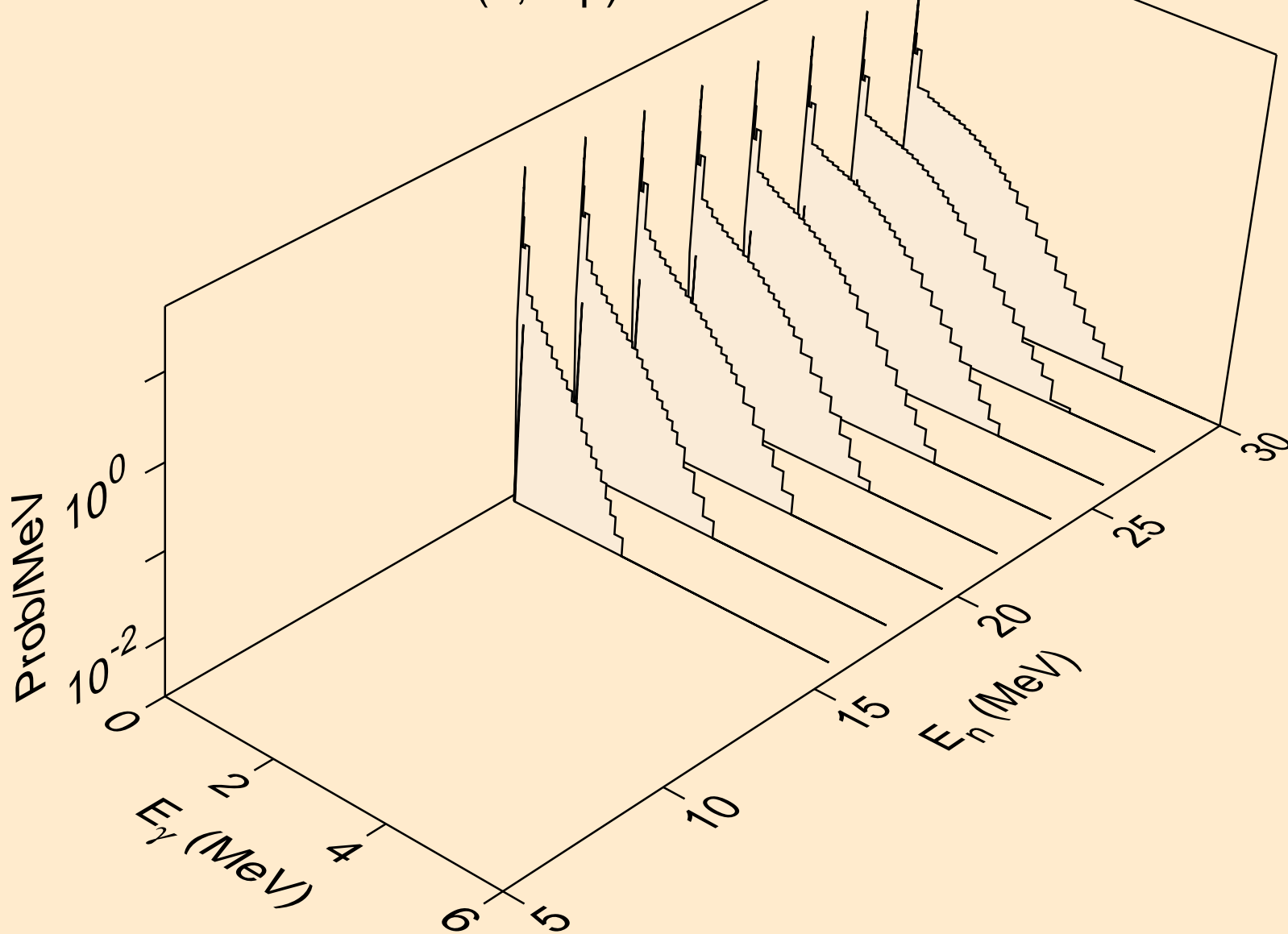
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



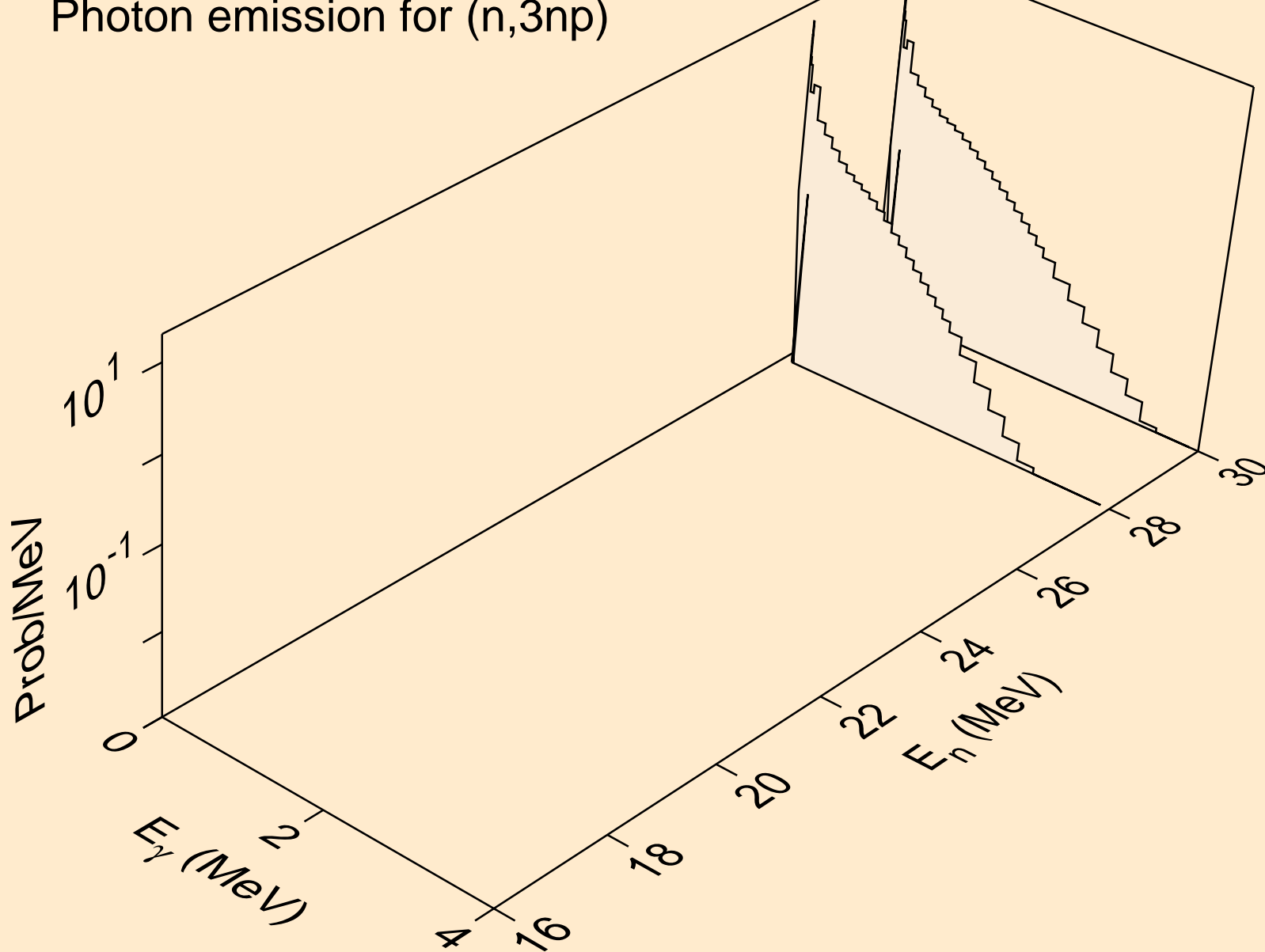
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Photon emission for (n,4n)



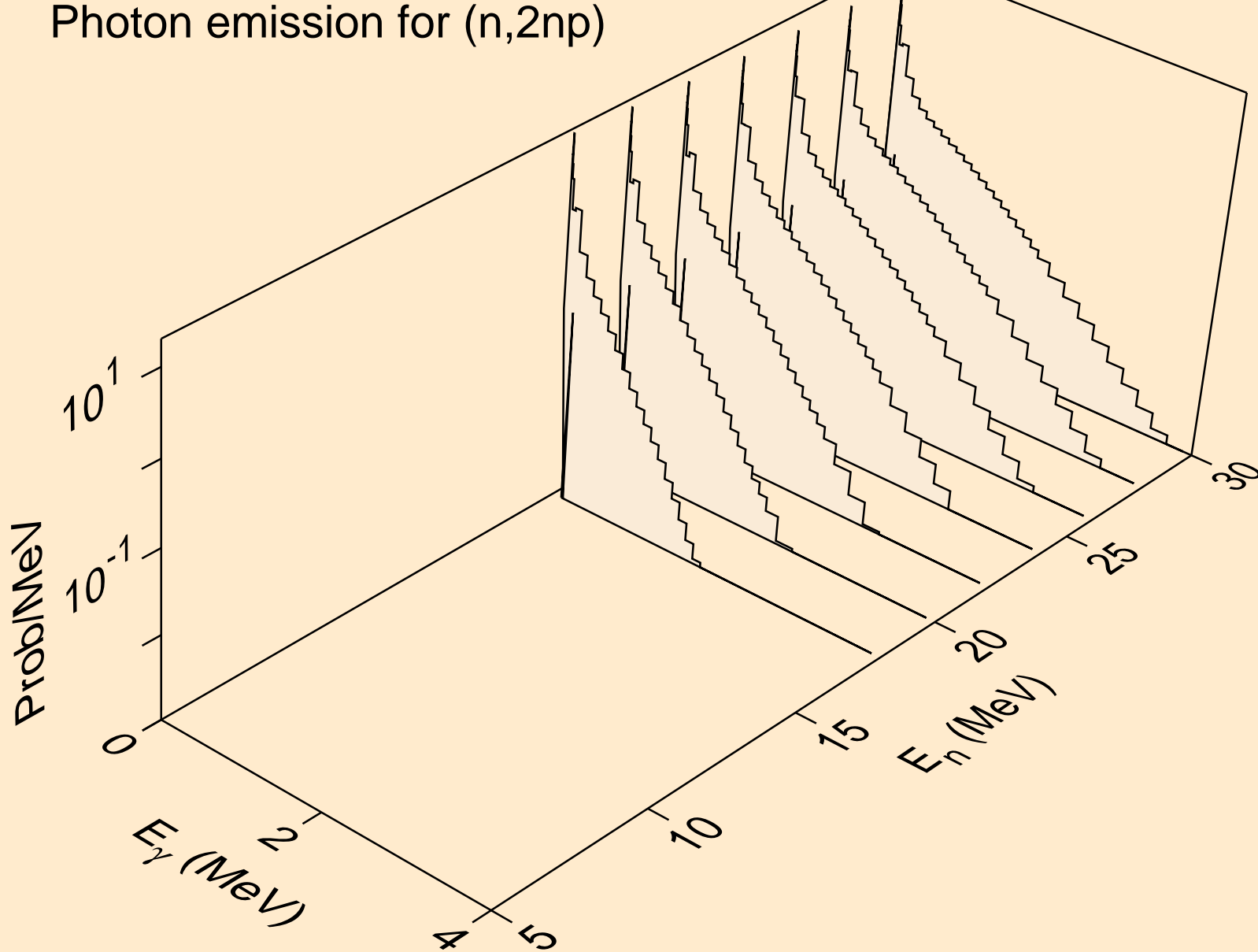
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



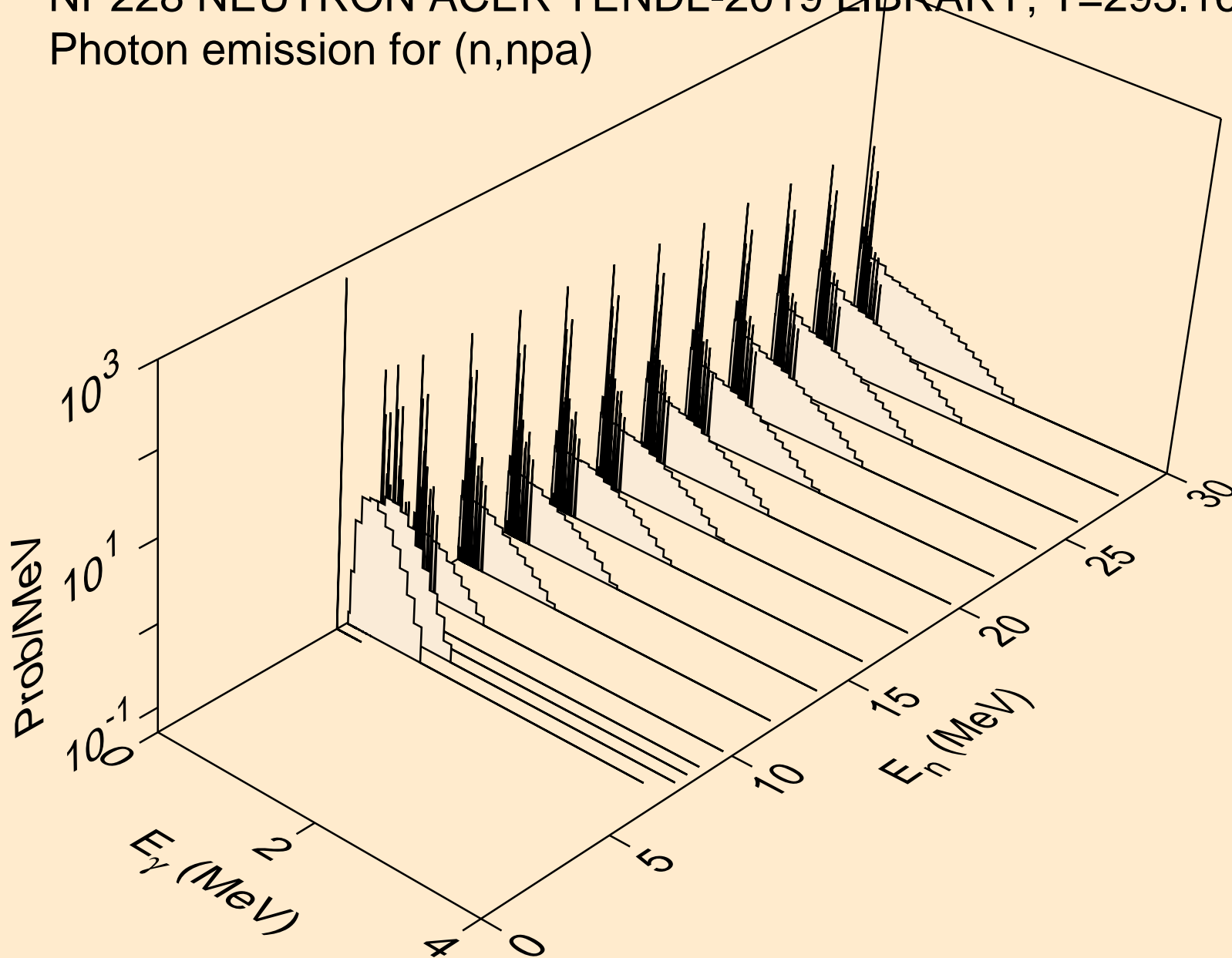
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



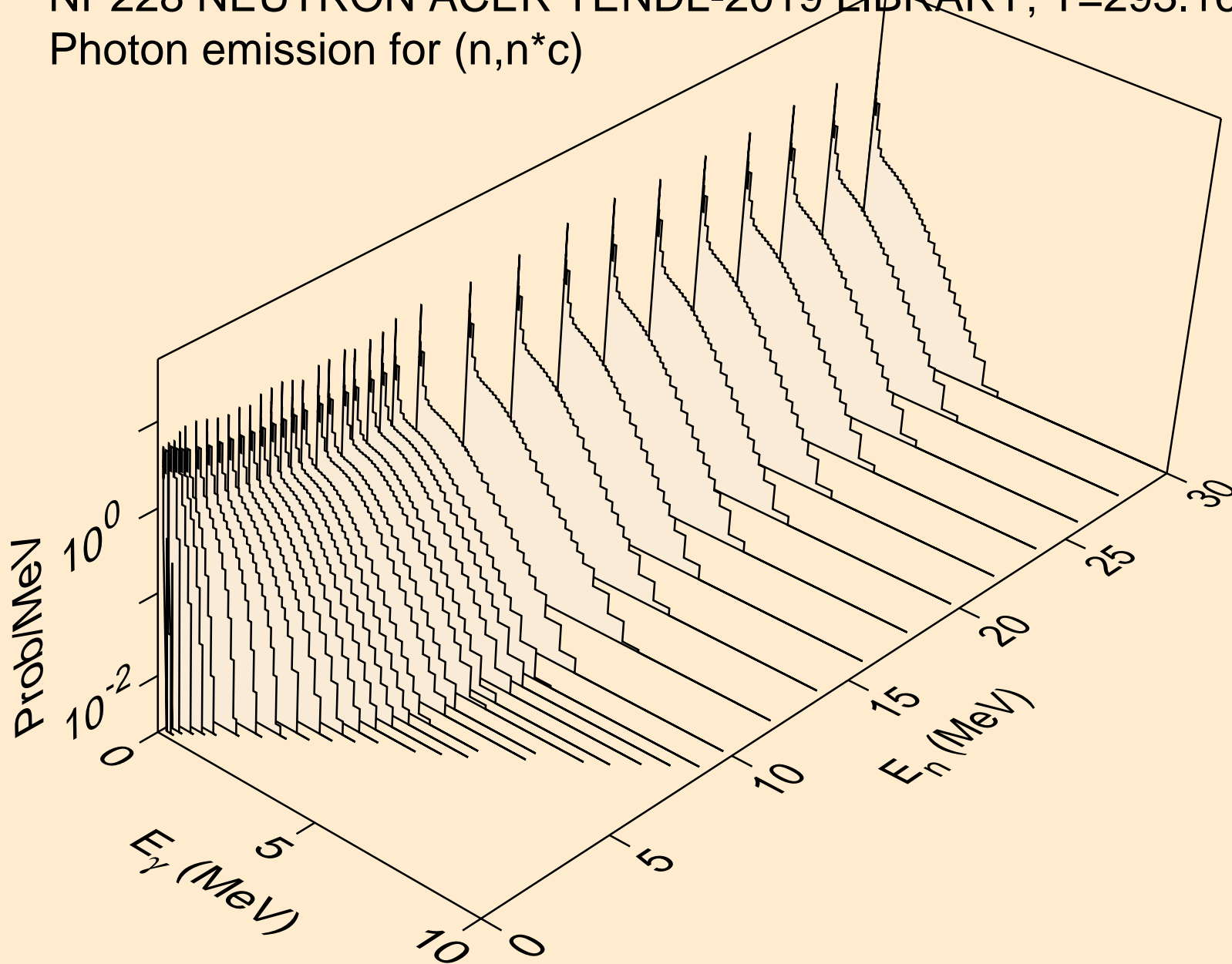
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



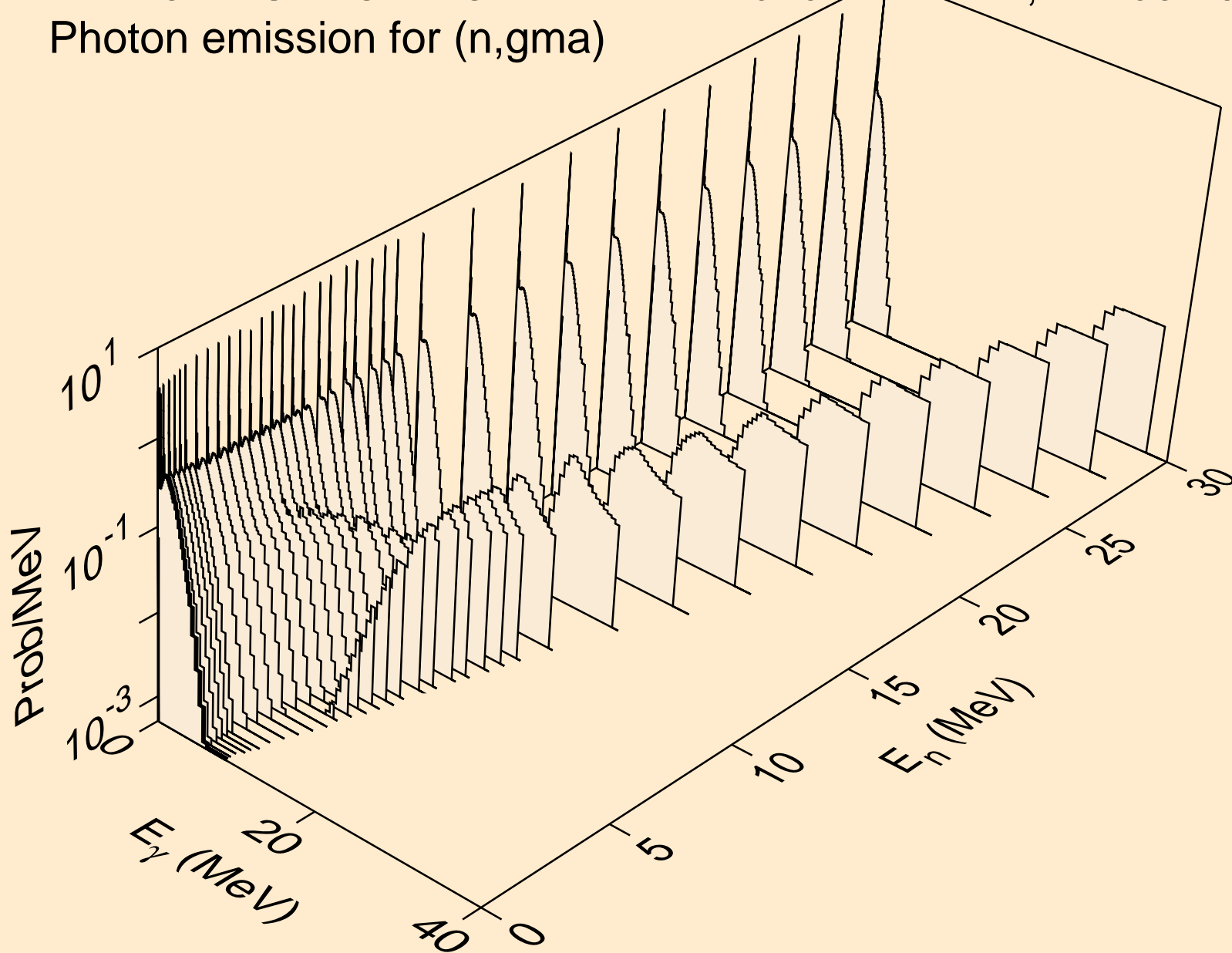
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



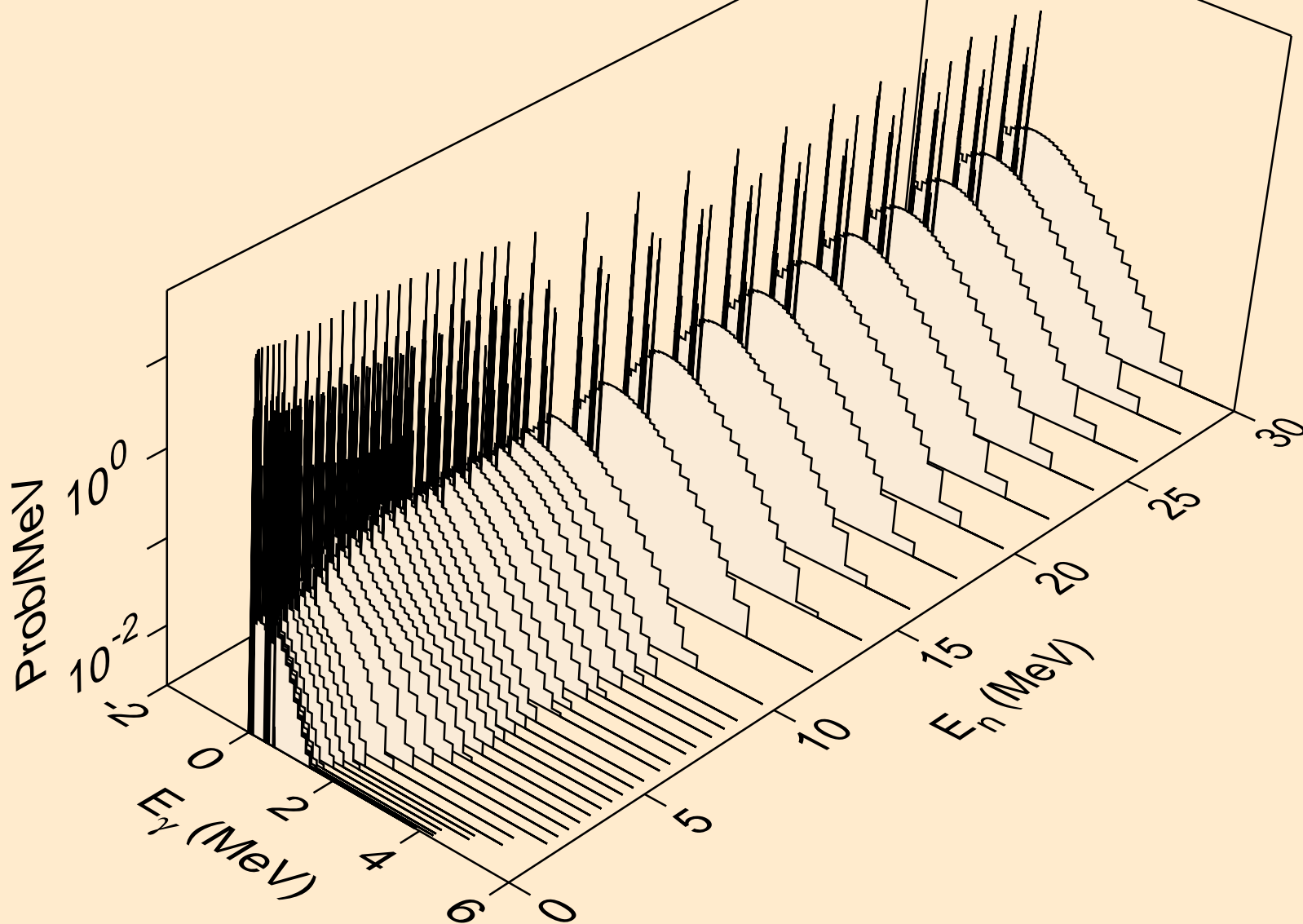
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



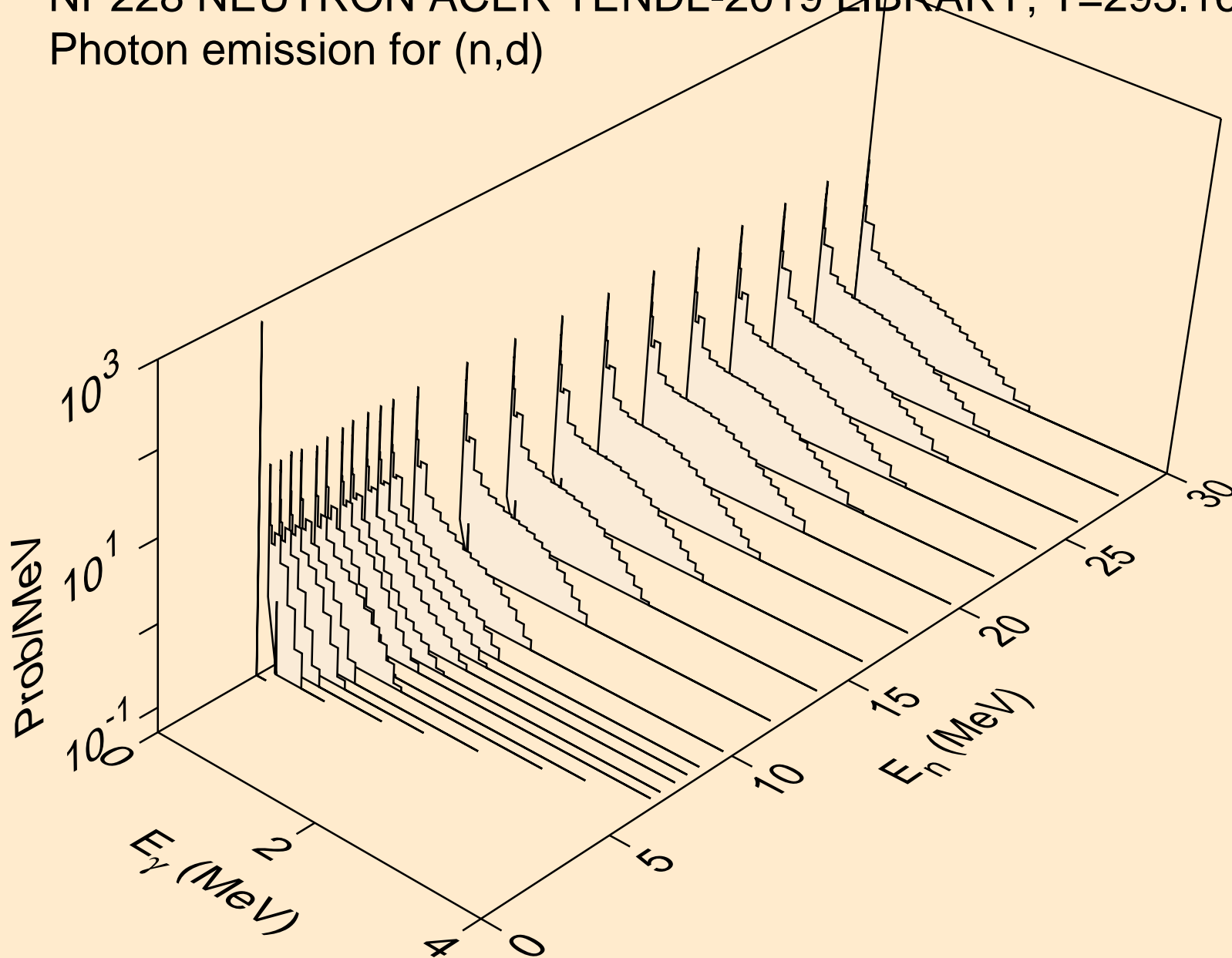
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



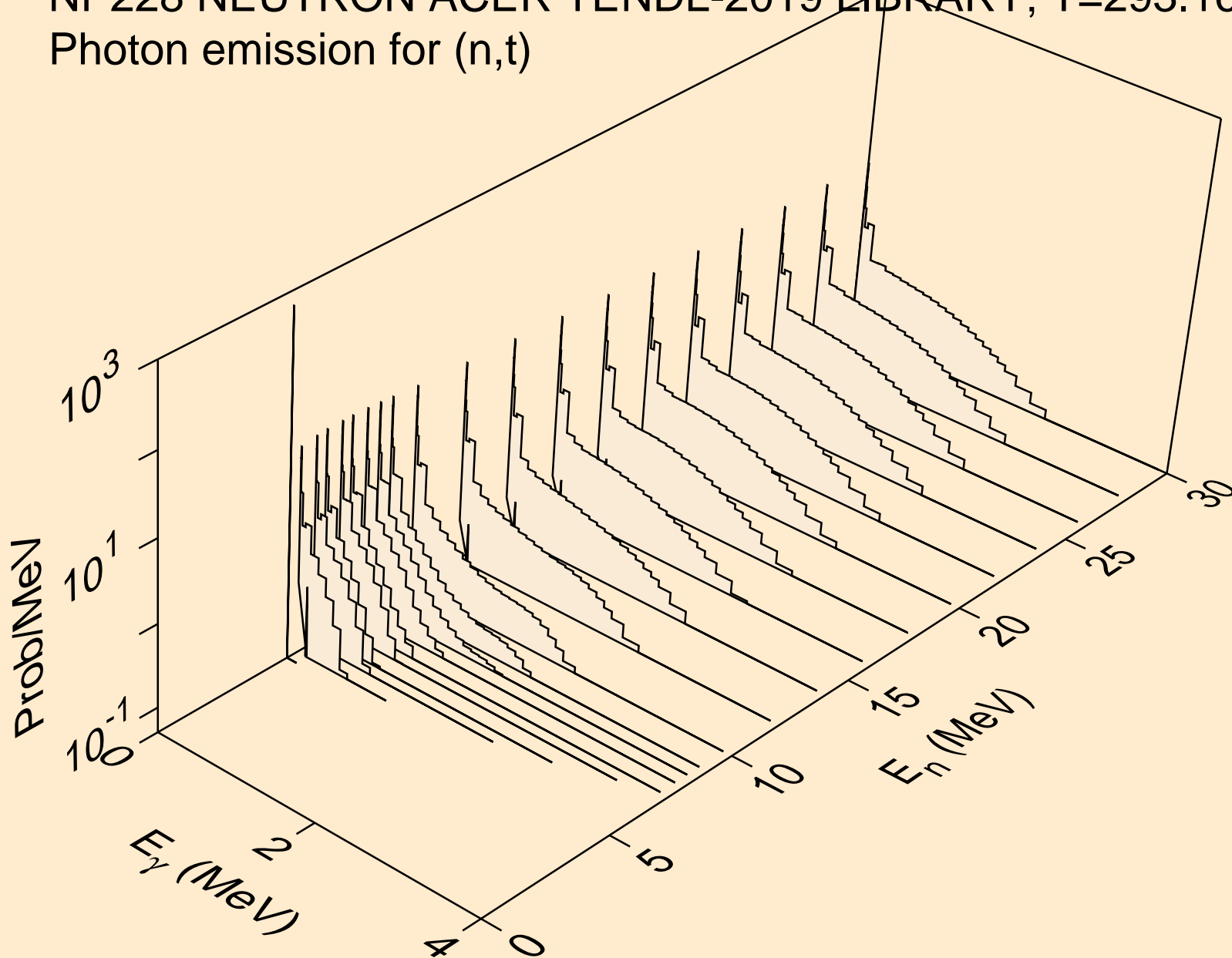
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



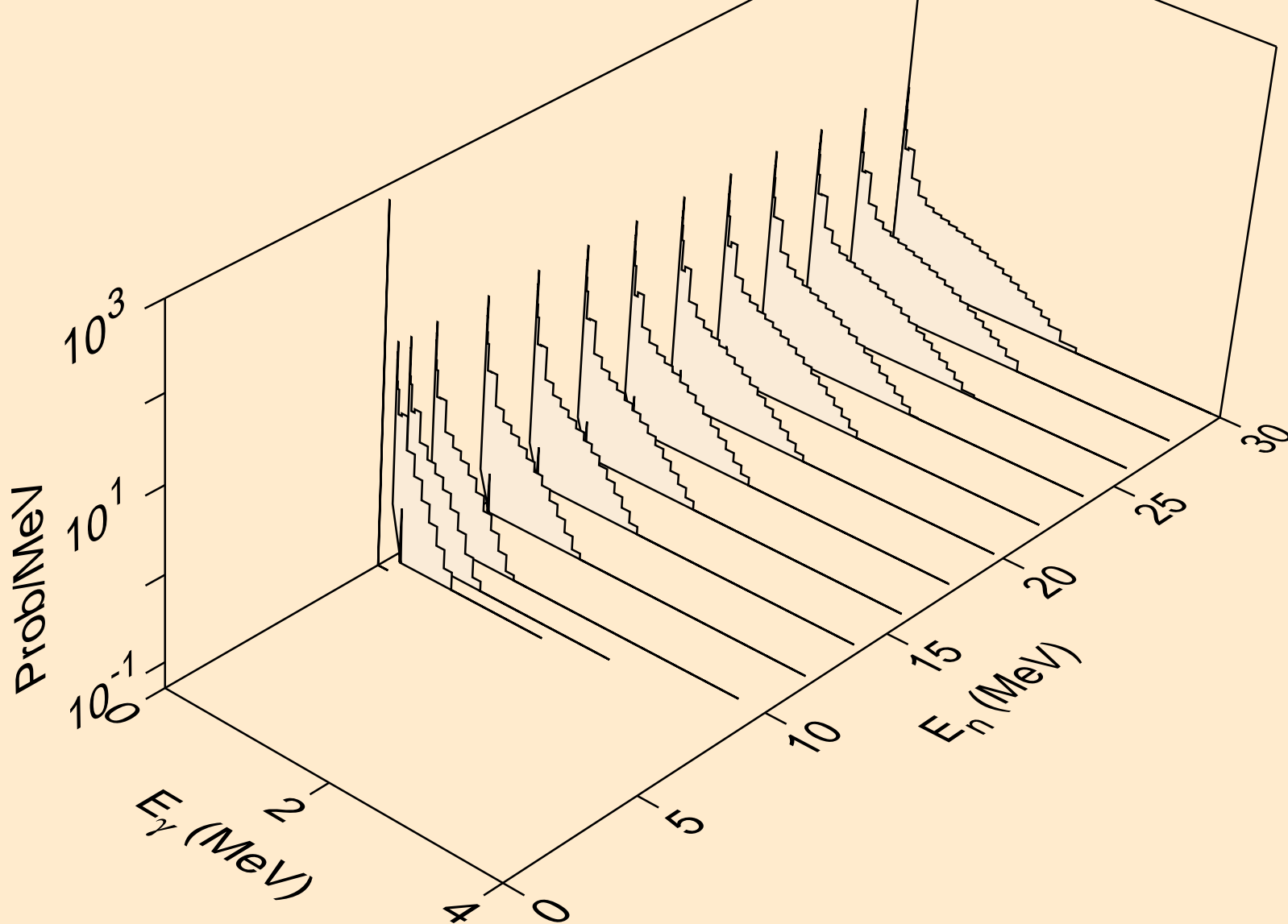
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



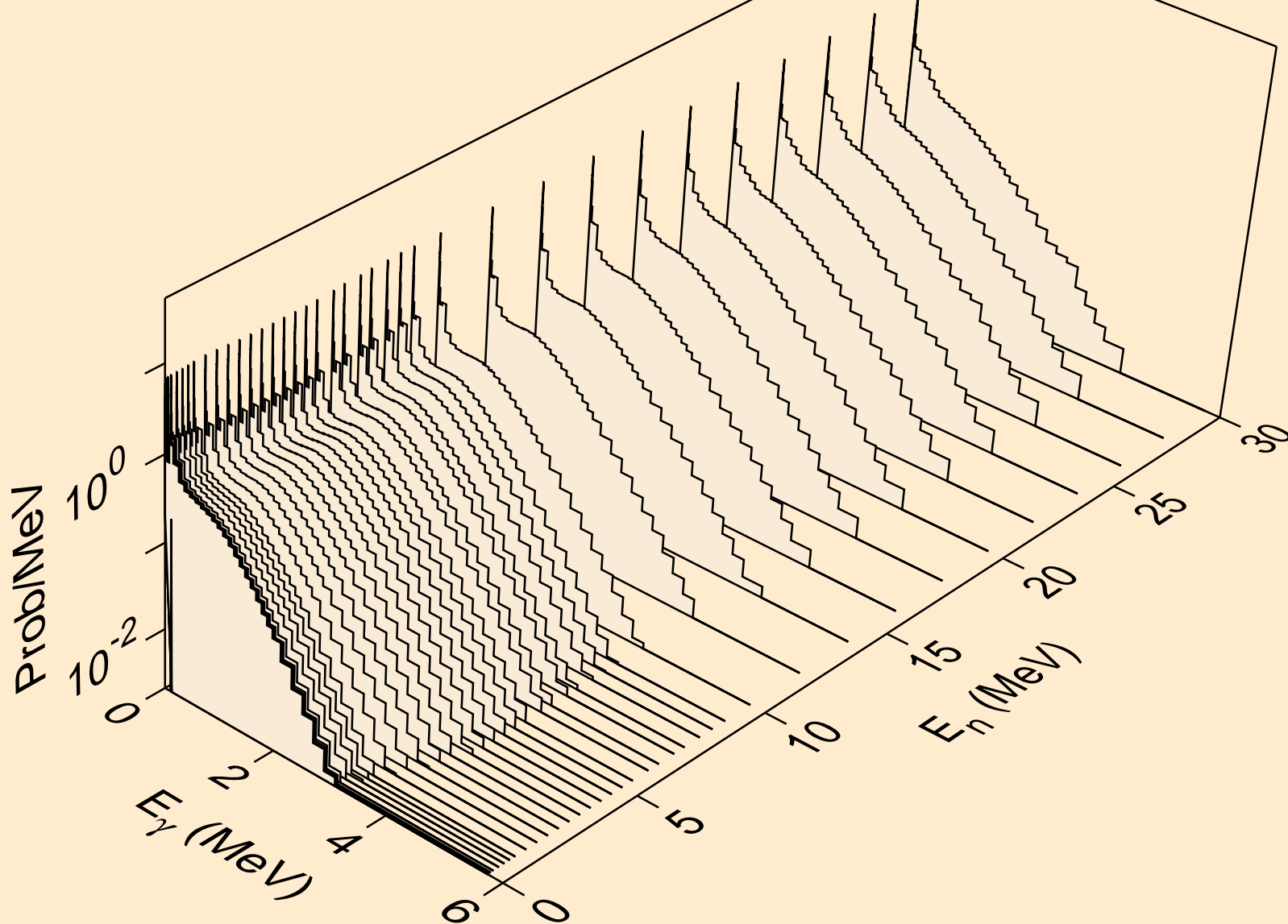
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



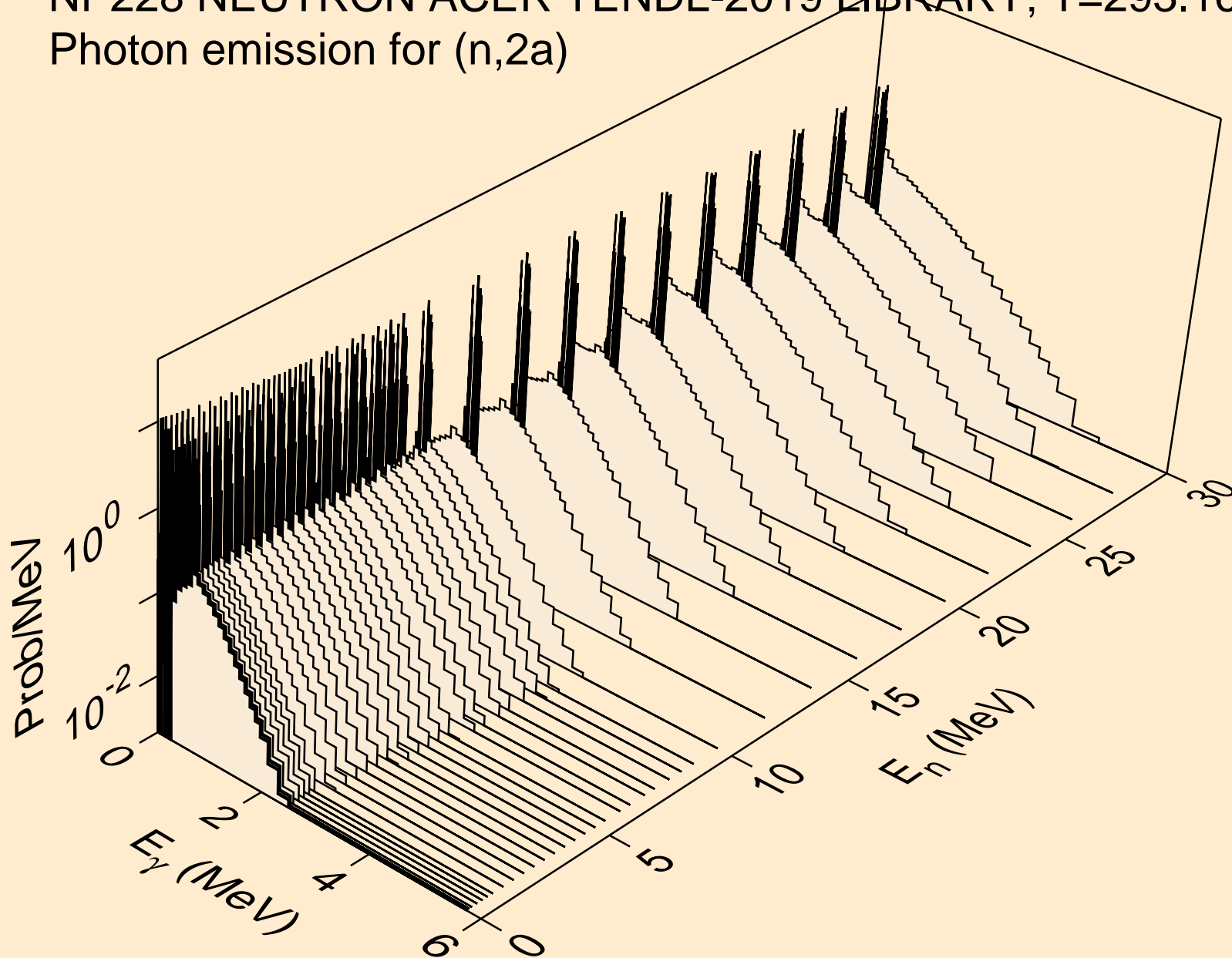
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



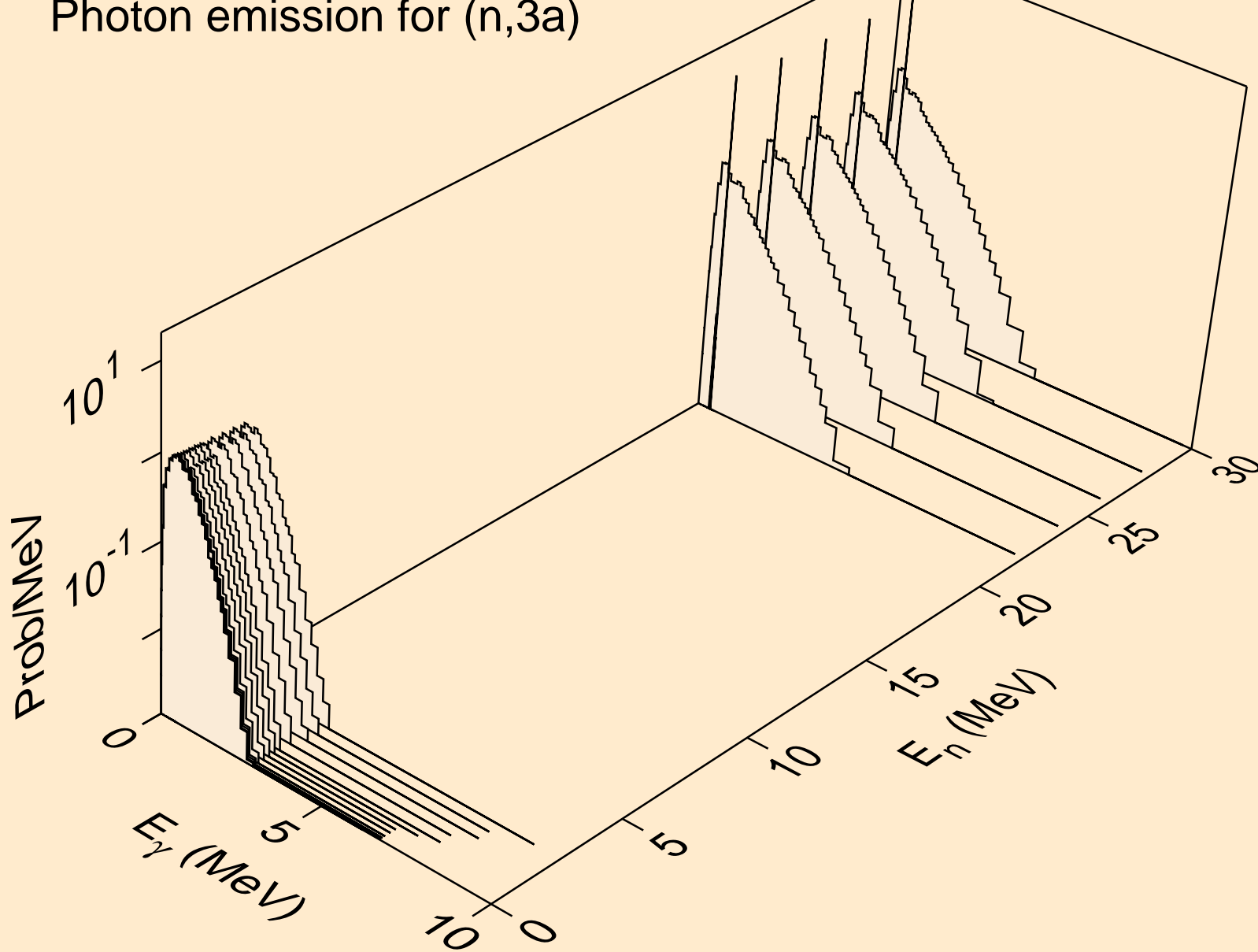
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



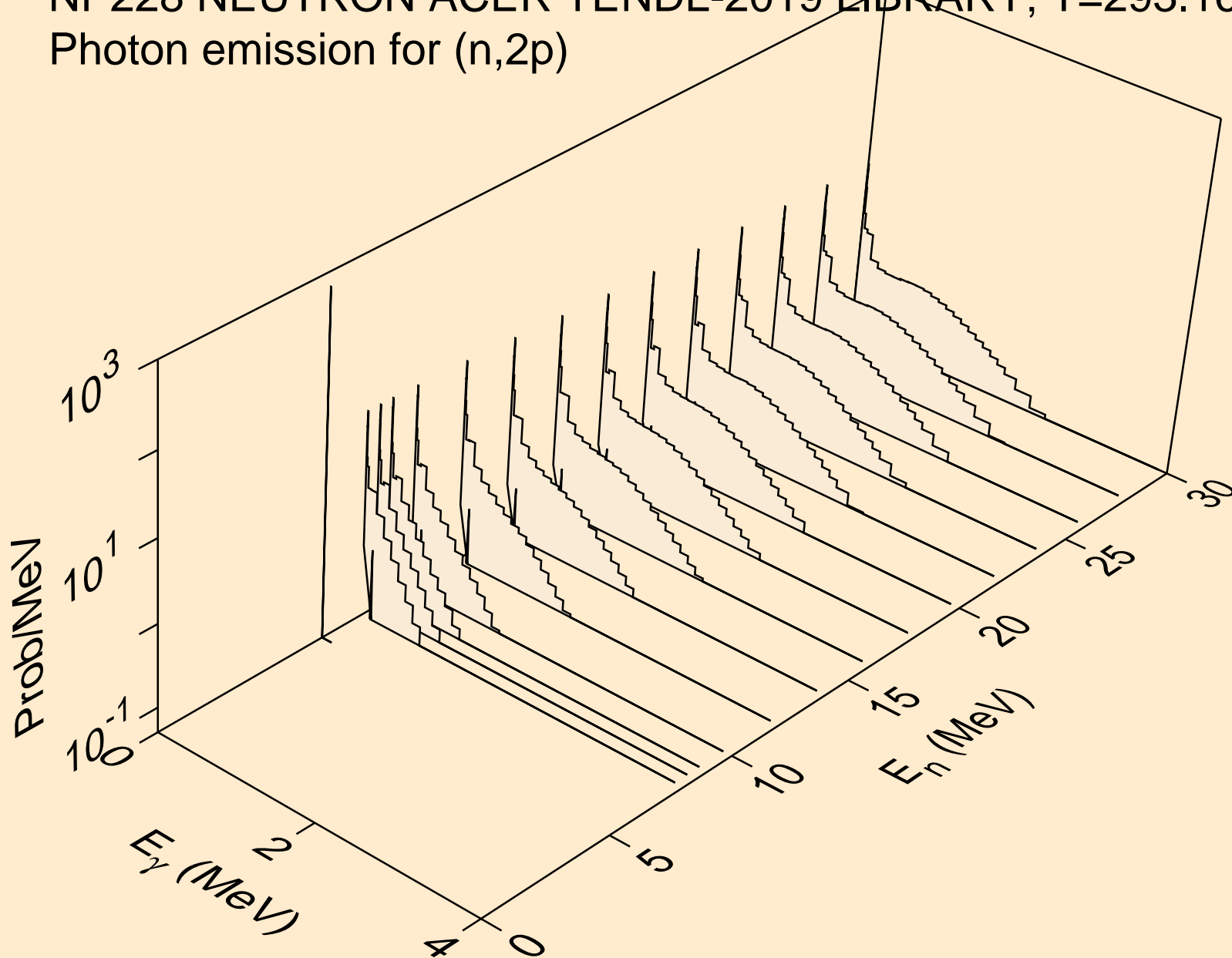
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



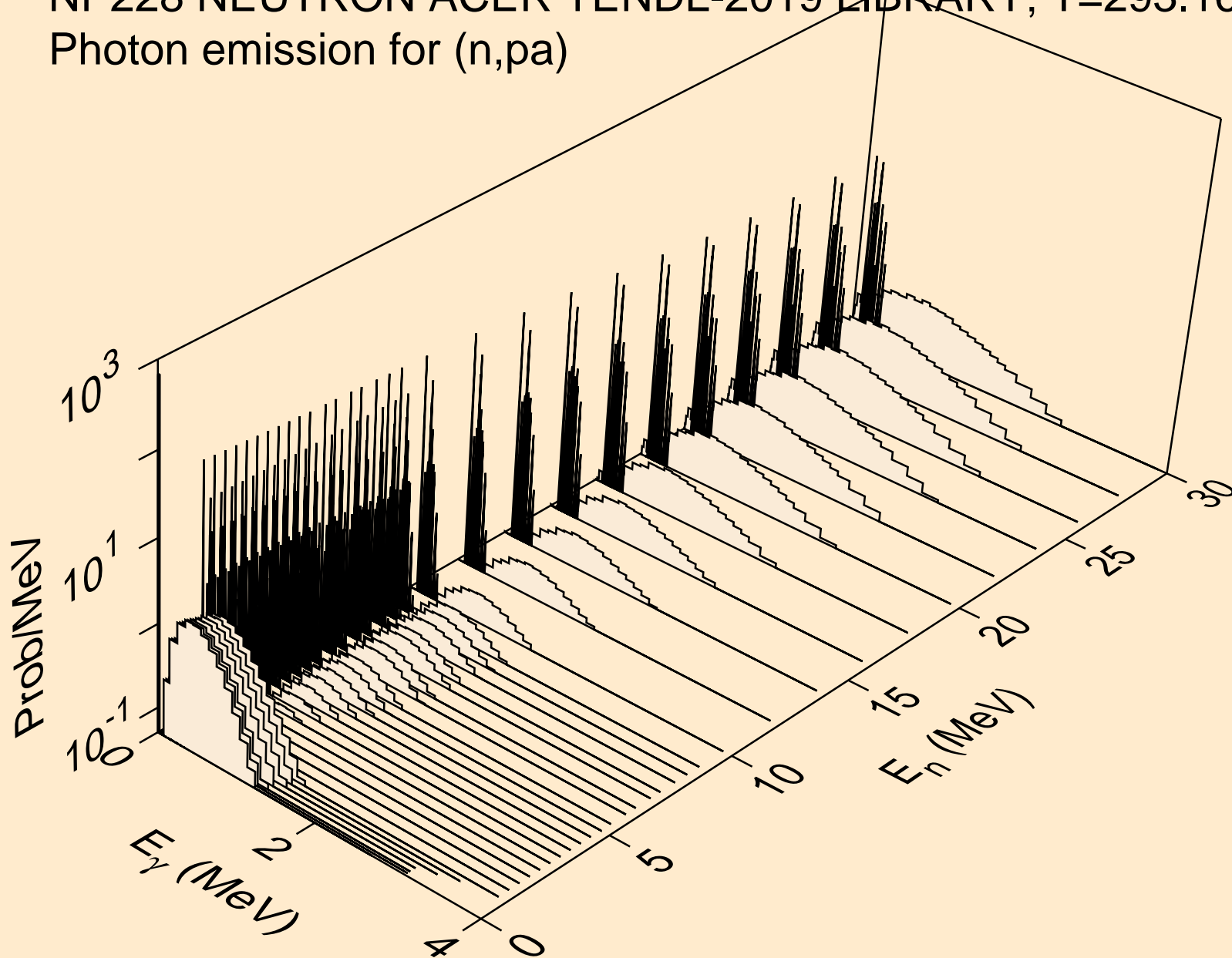
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



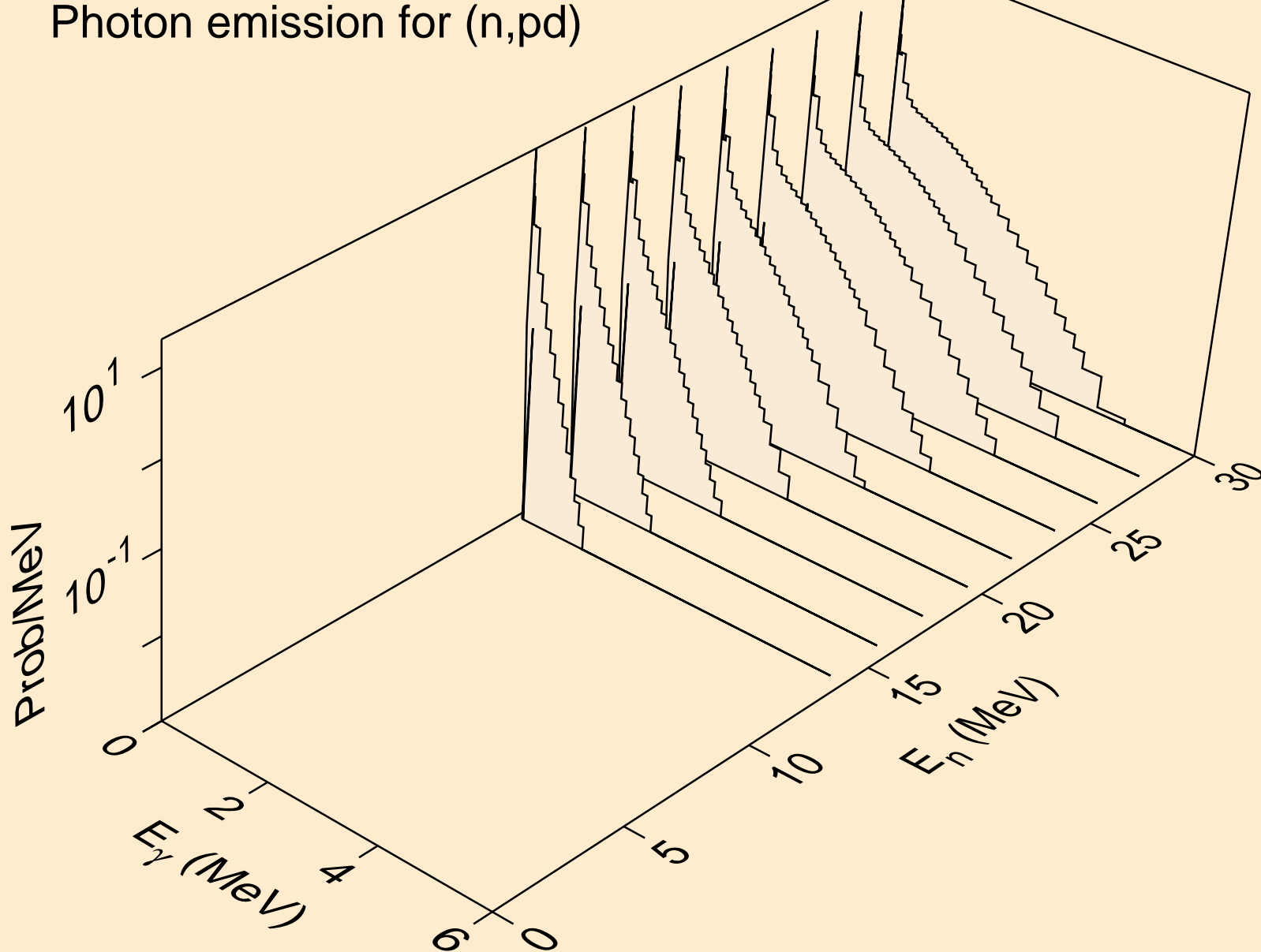
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



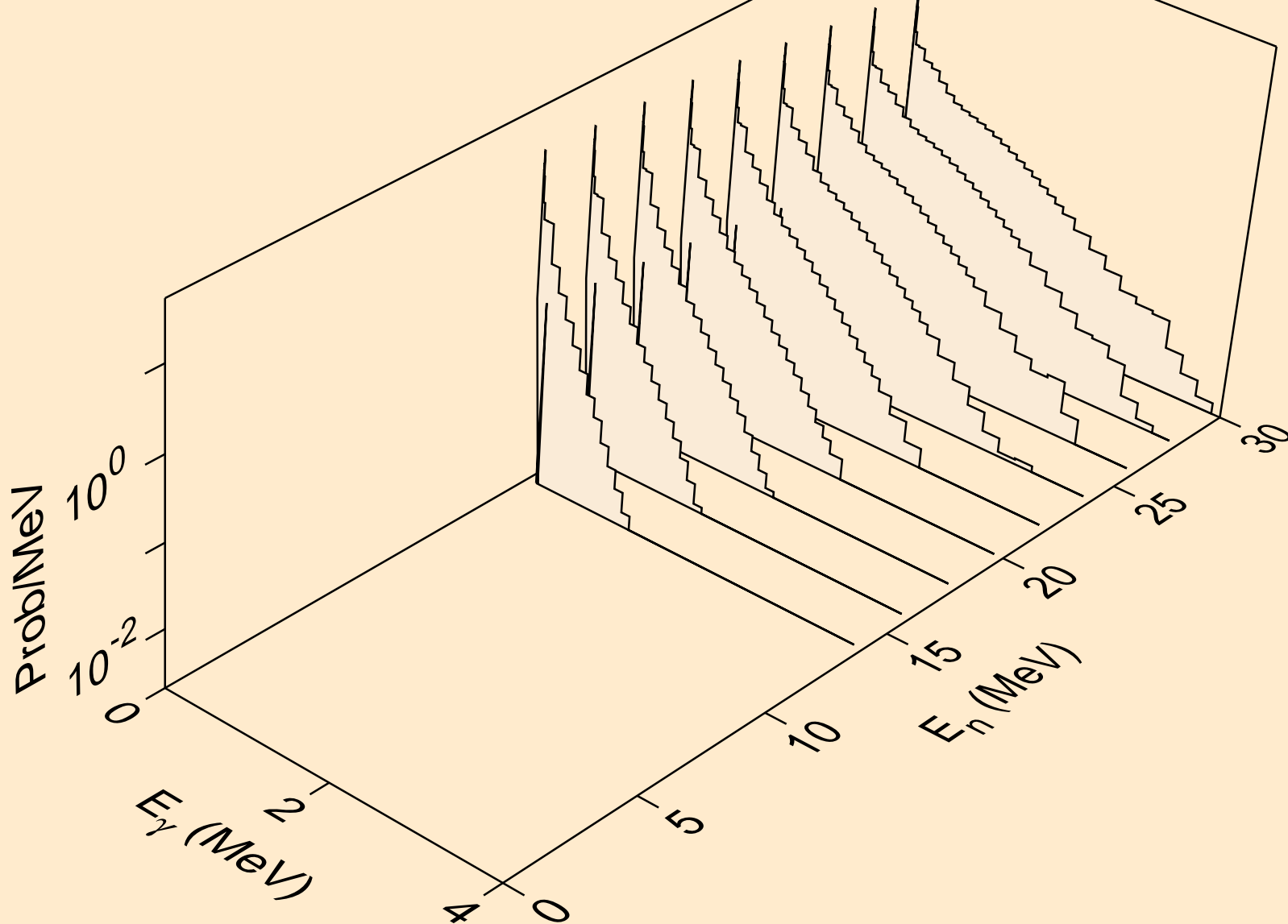
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



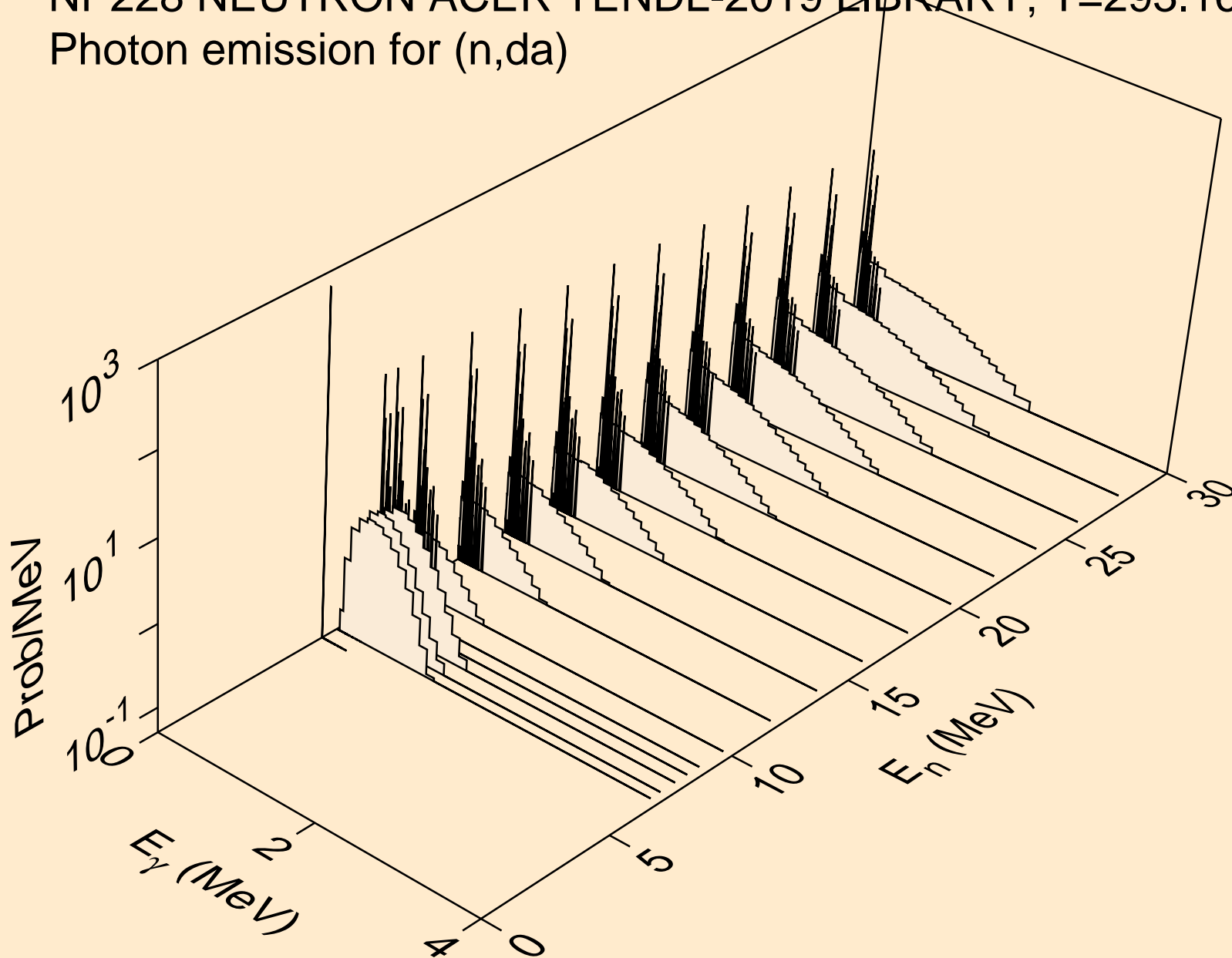
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



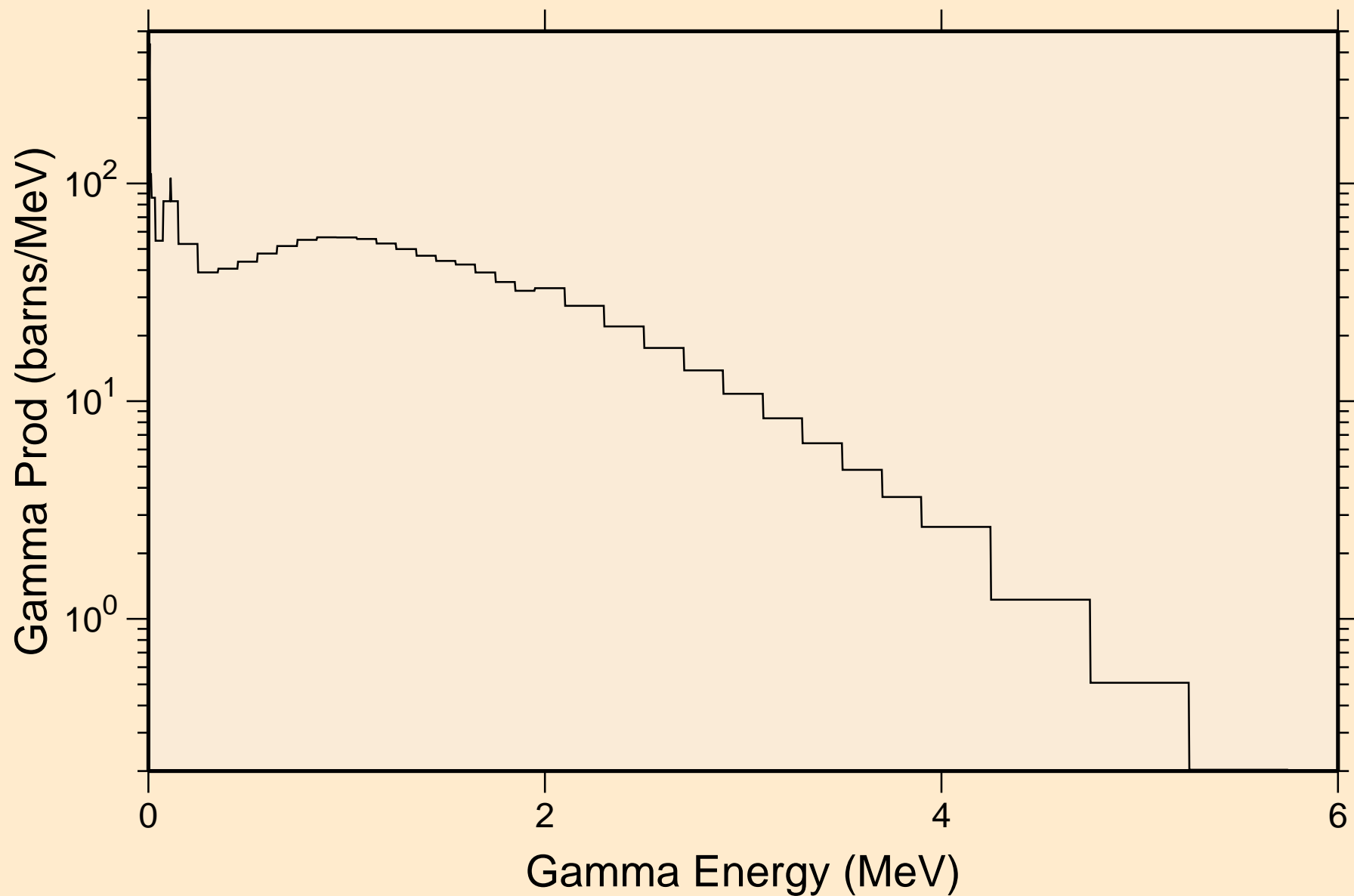
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



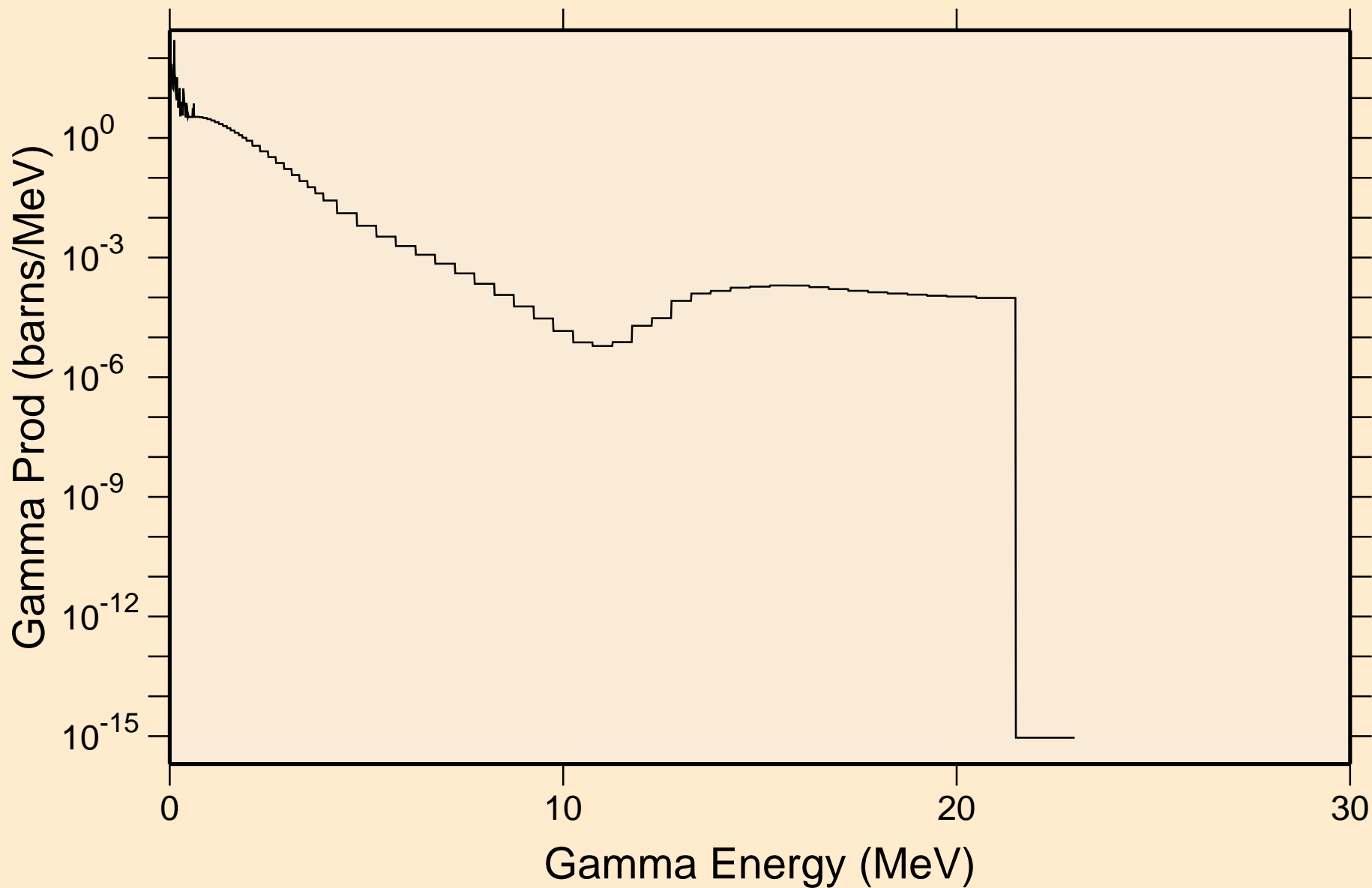
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

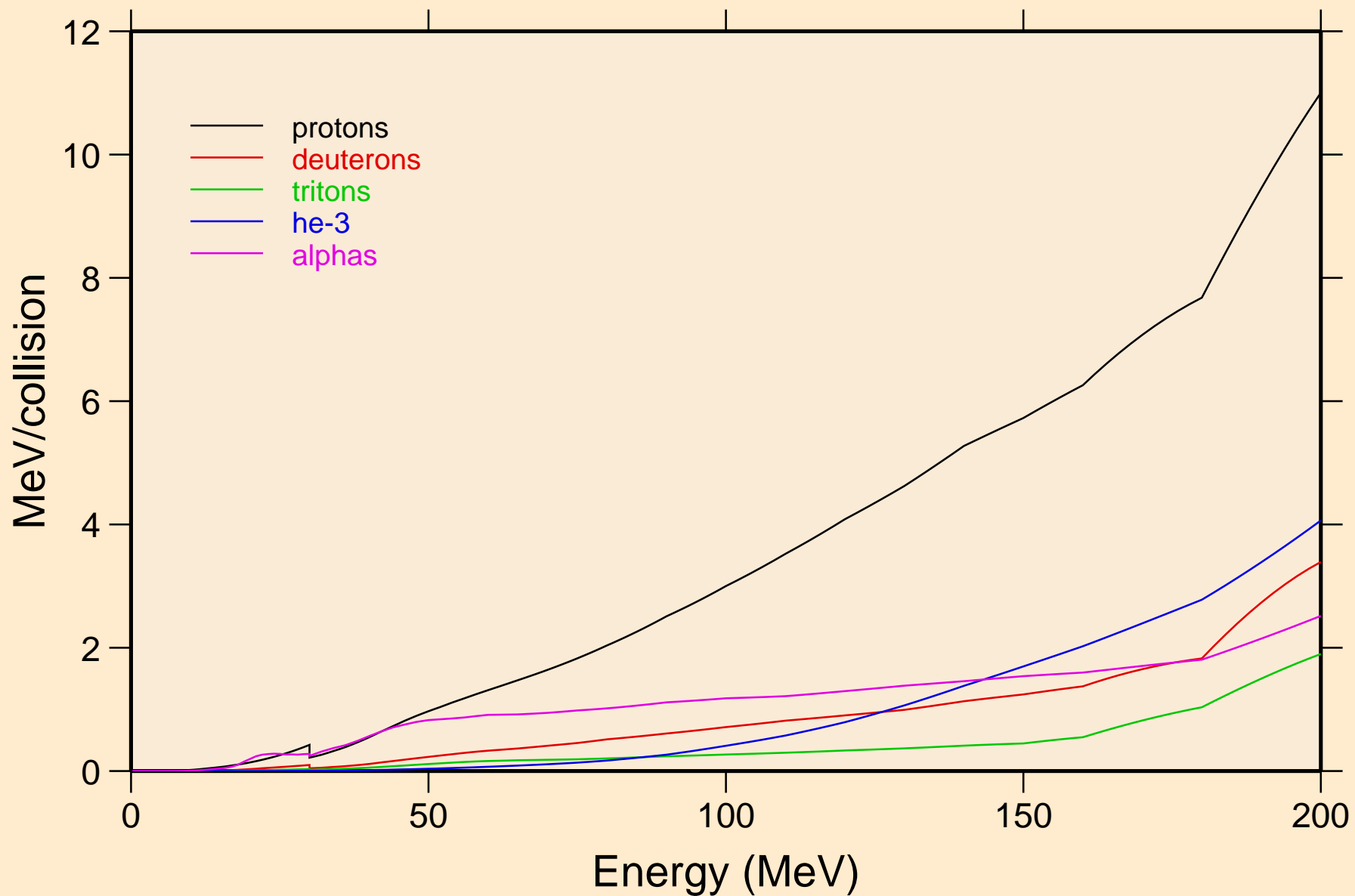


NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

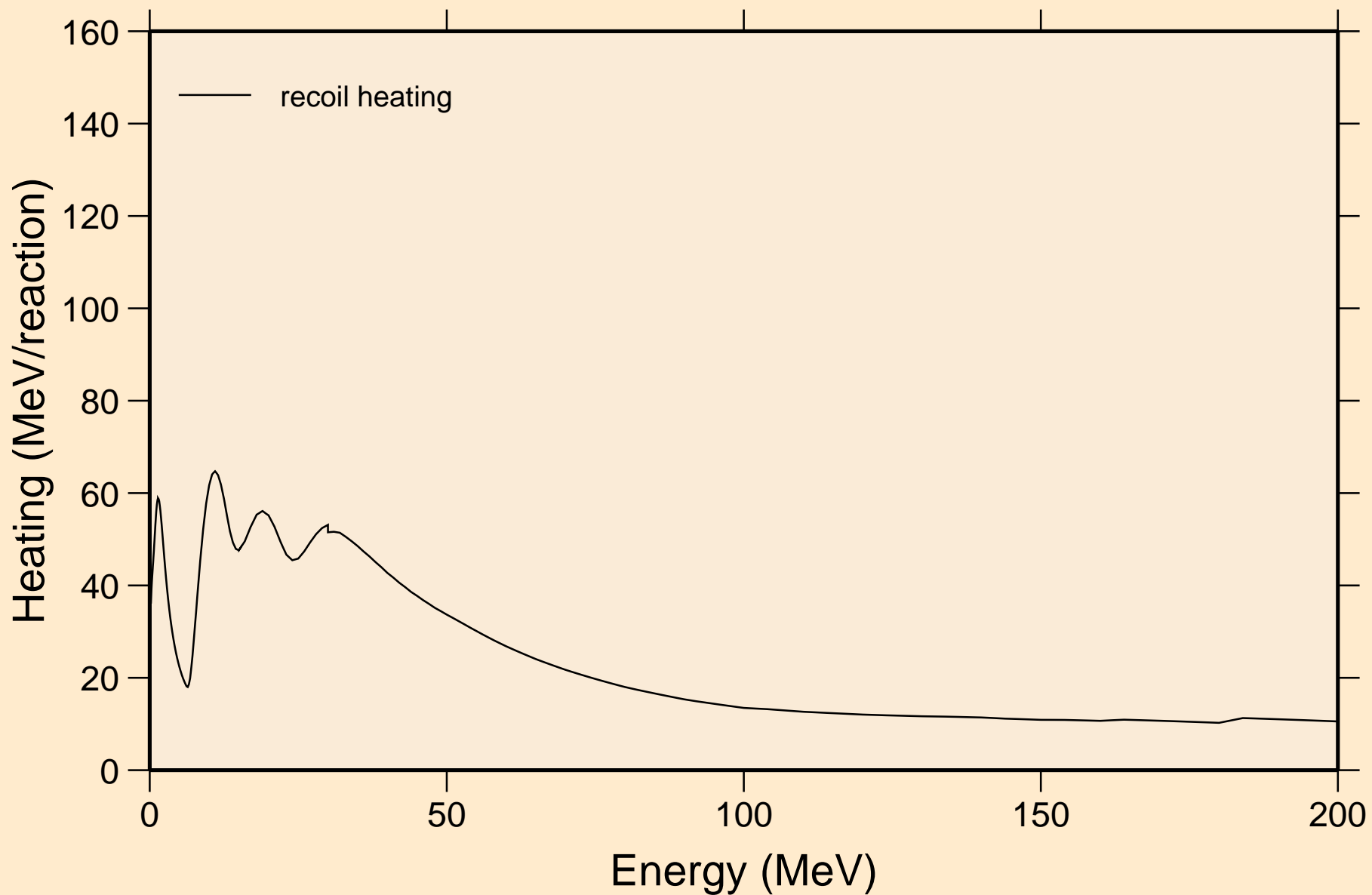


NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

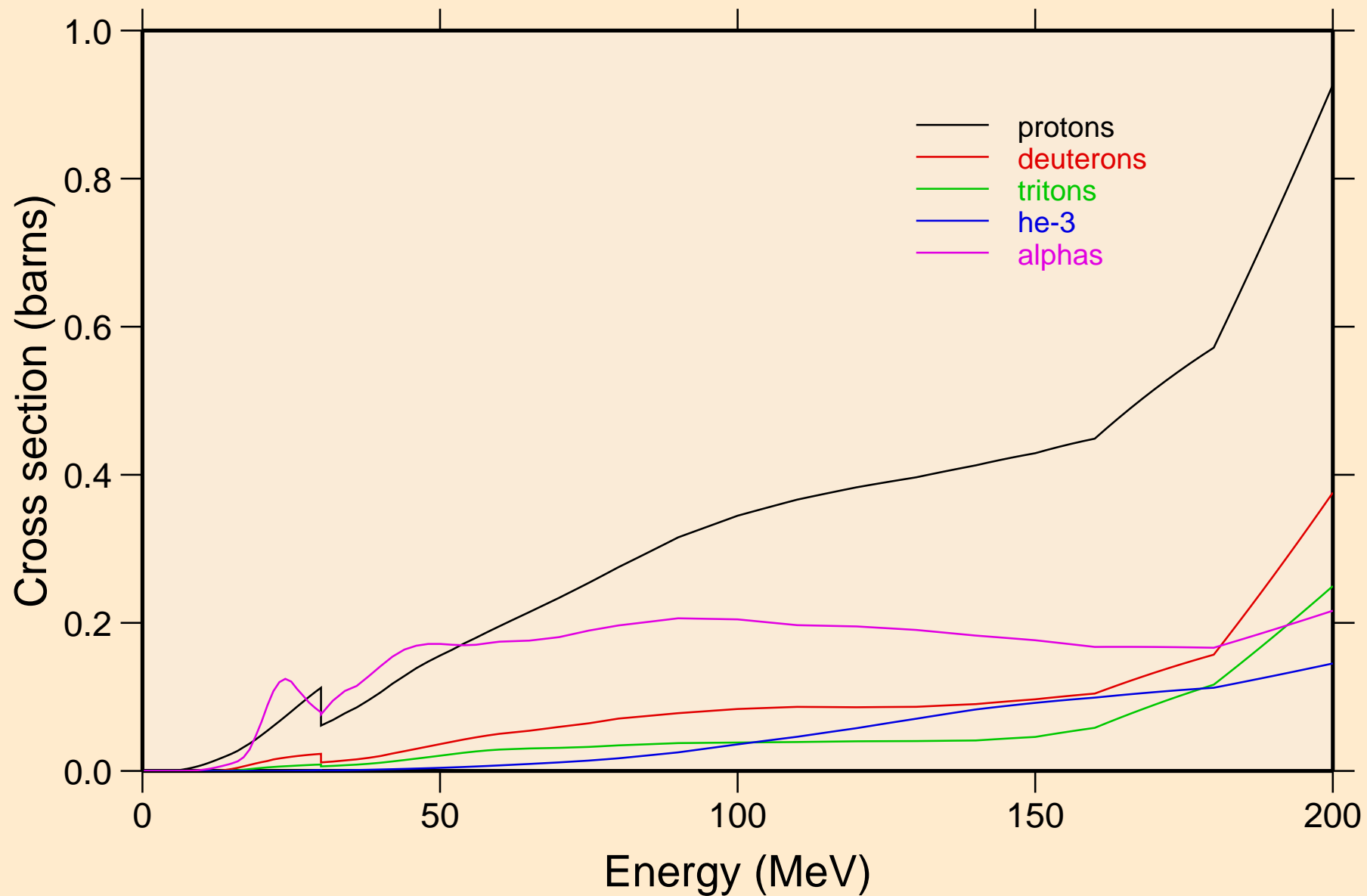
Particle heating contributions



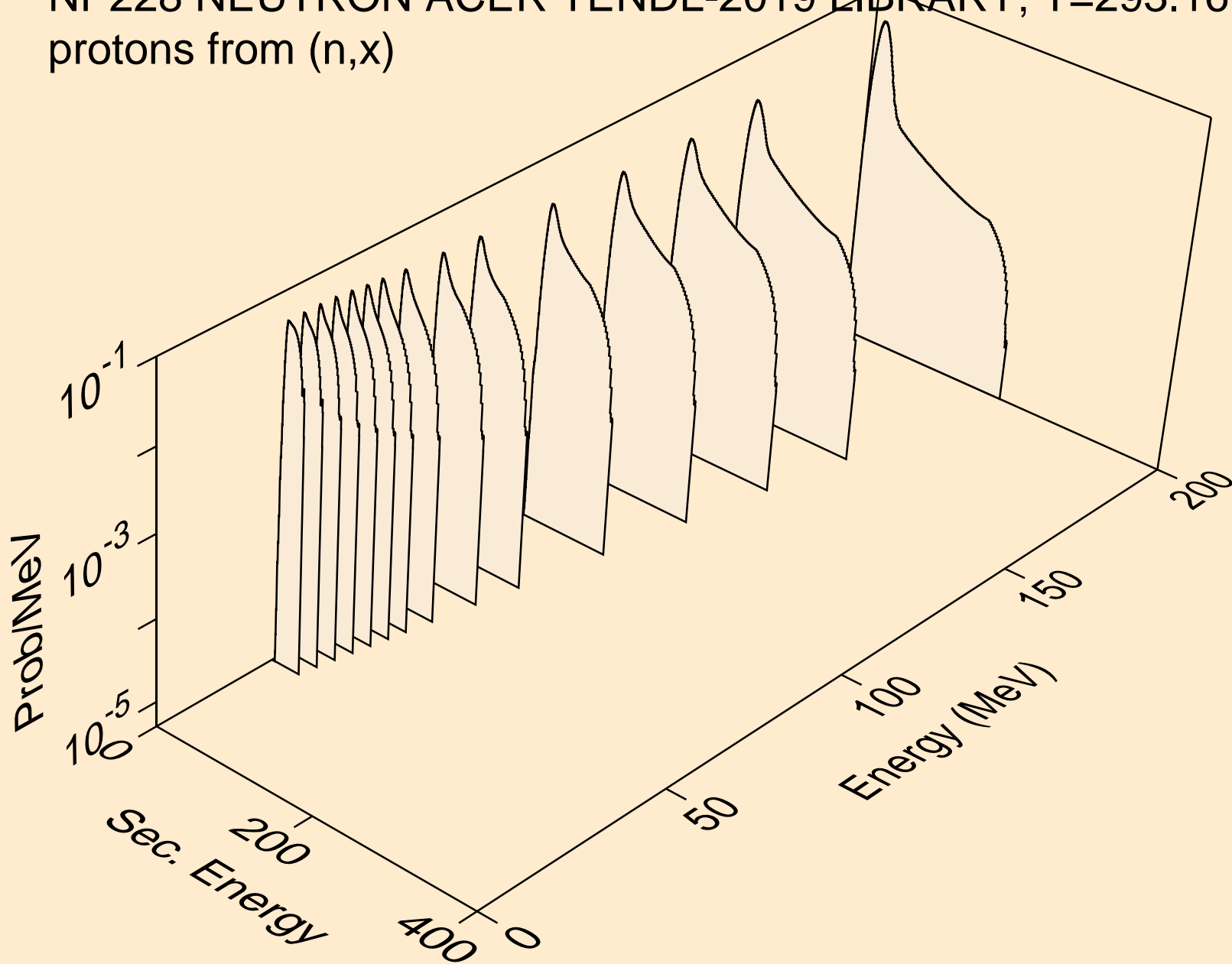
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



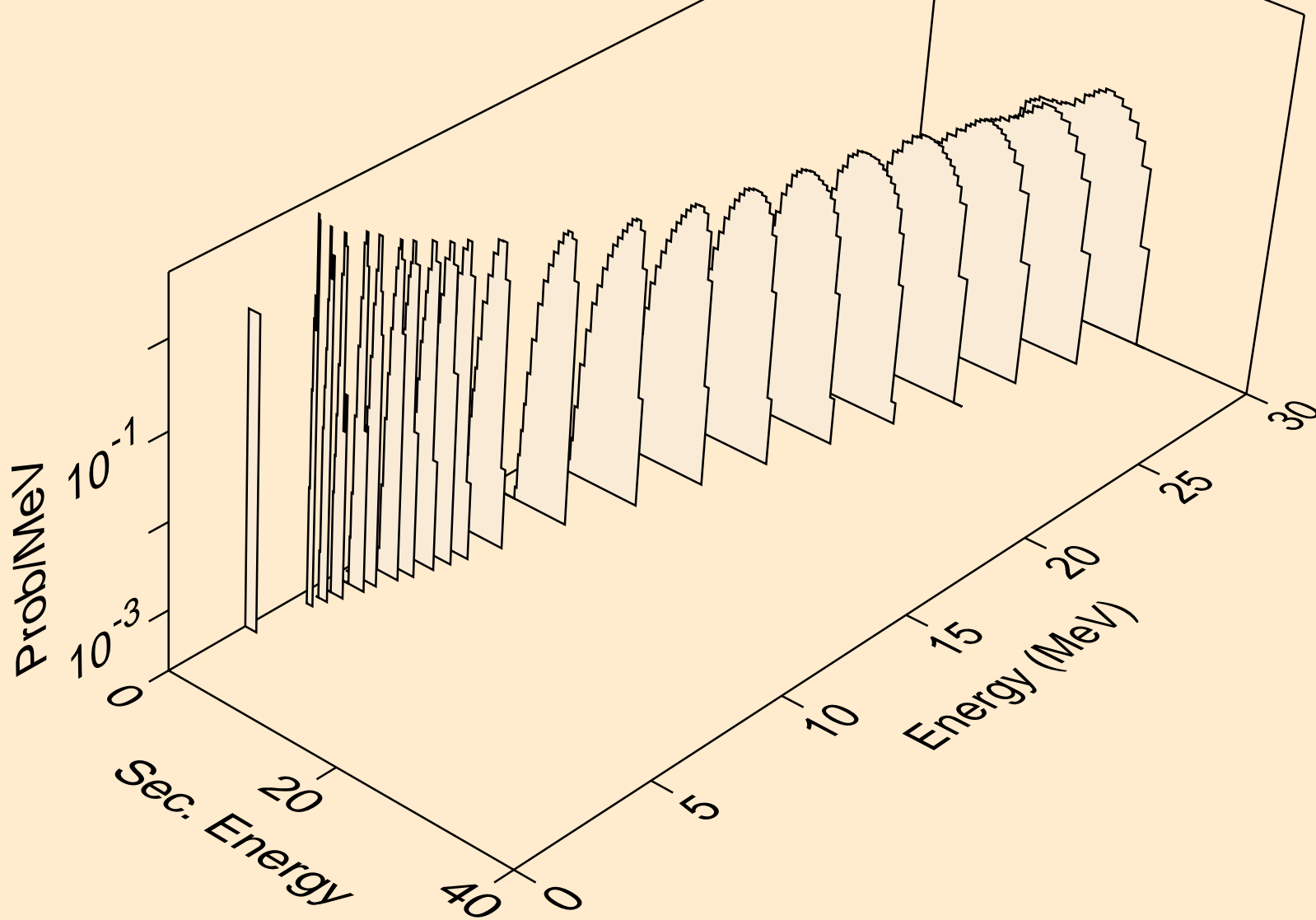
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



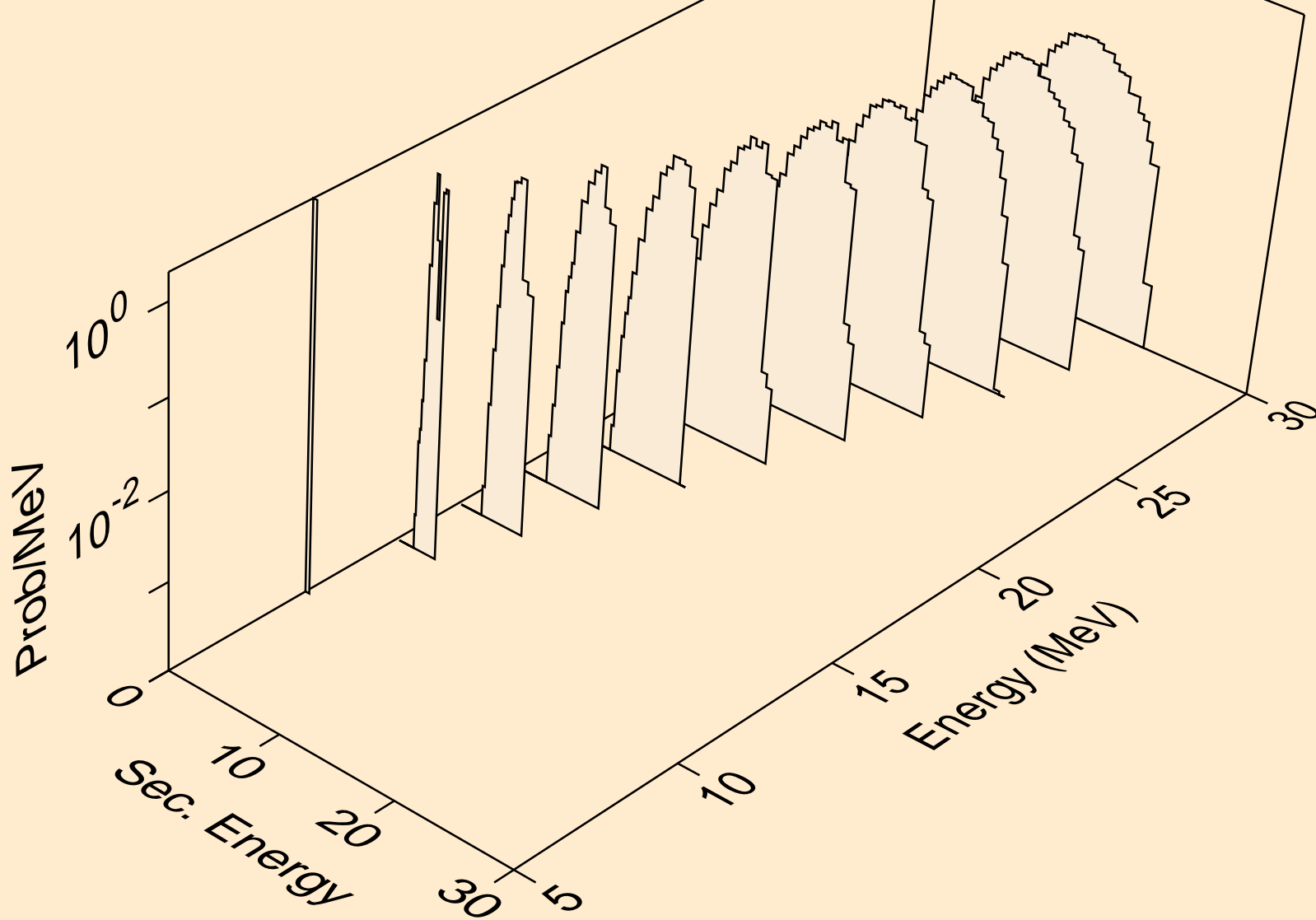
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



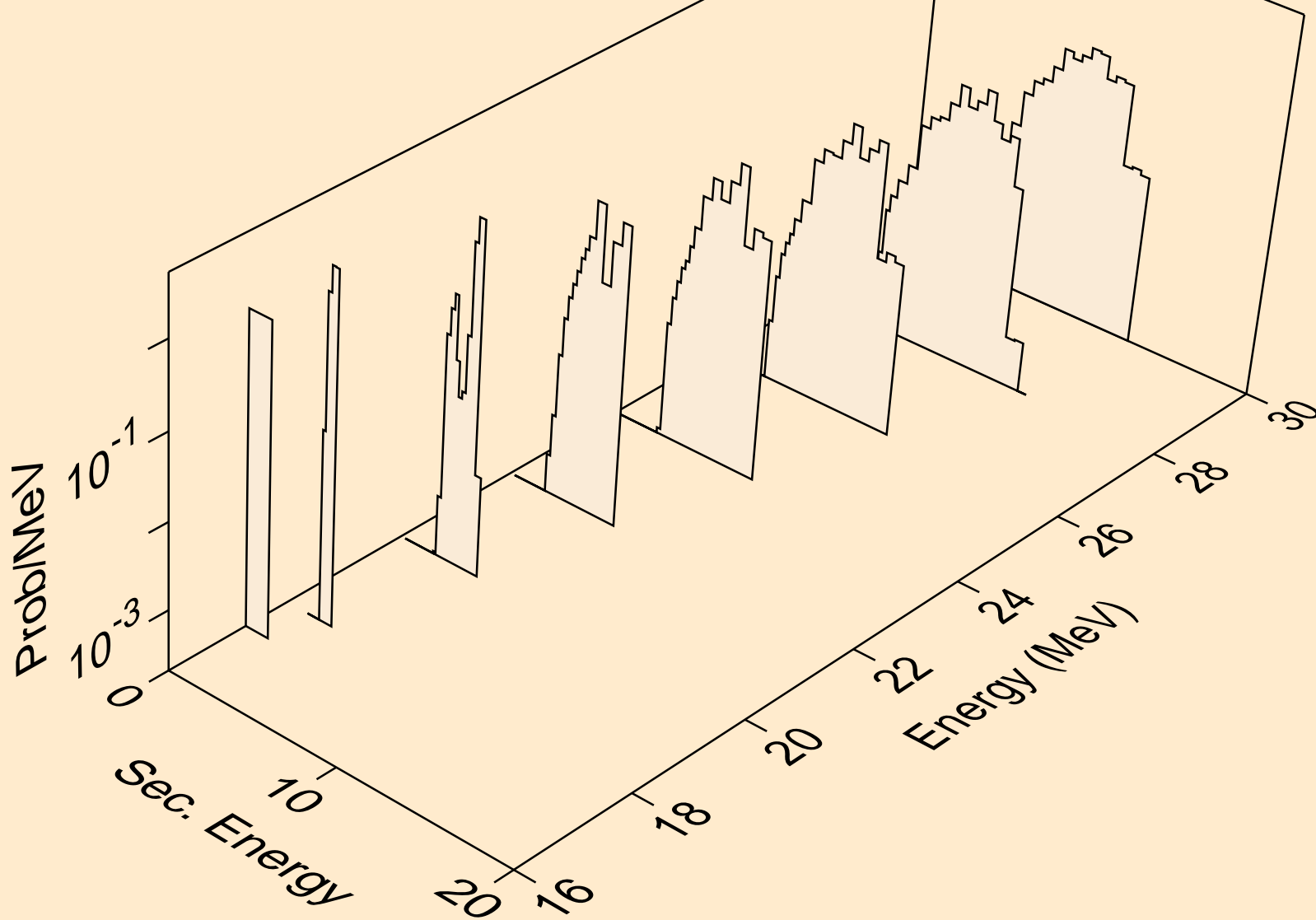
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



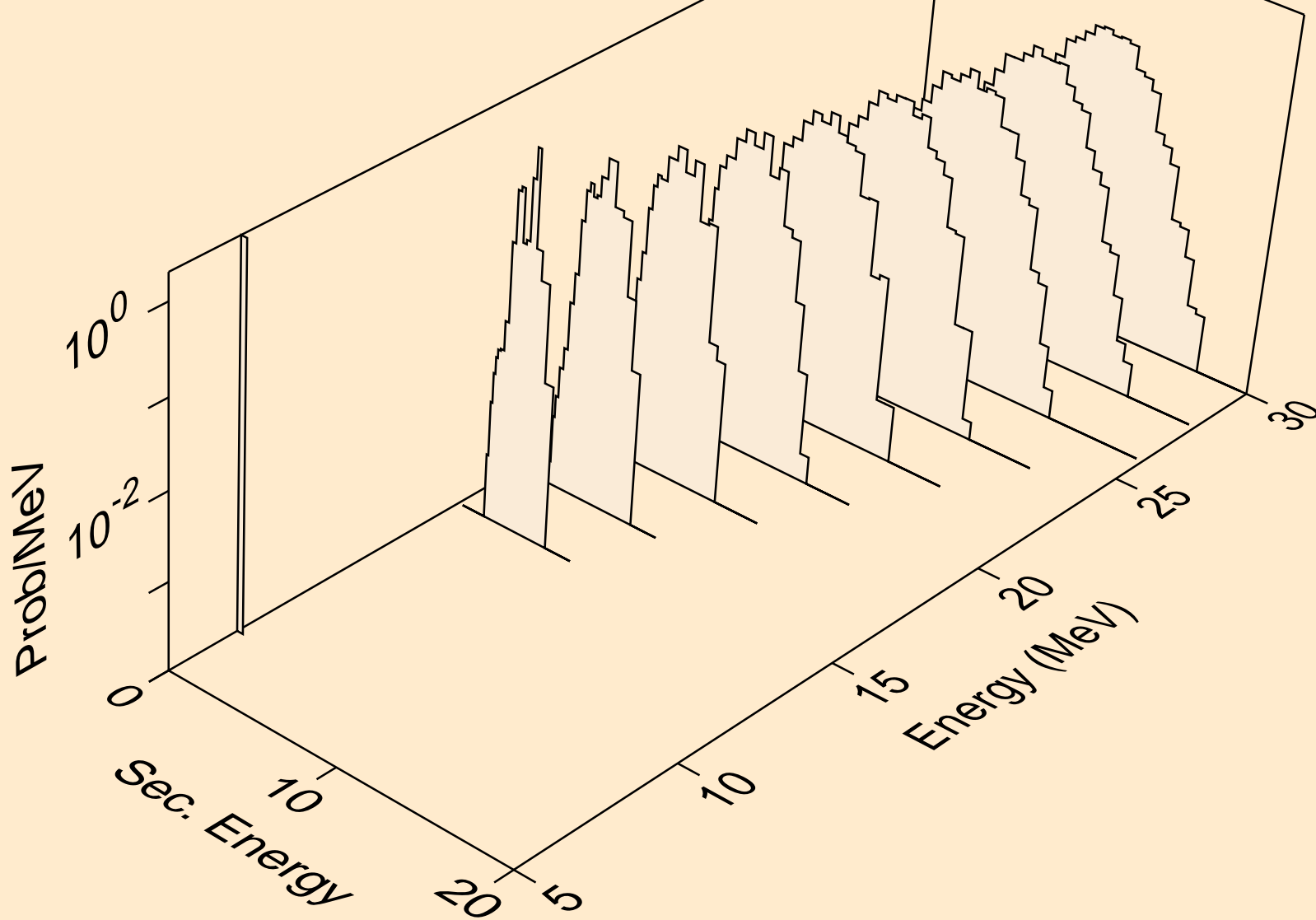
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



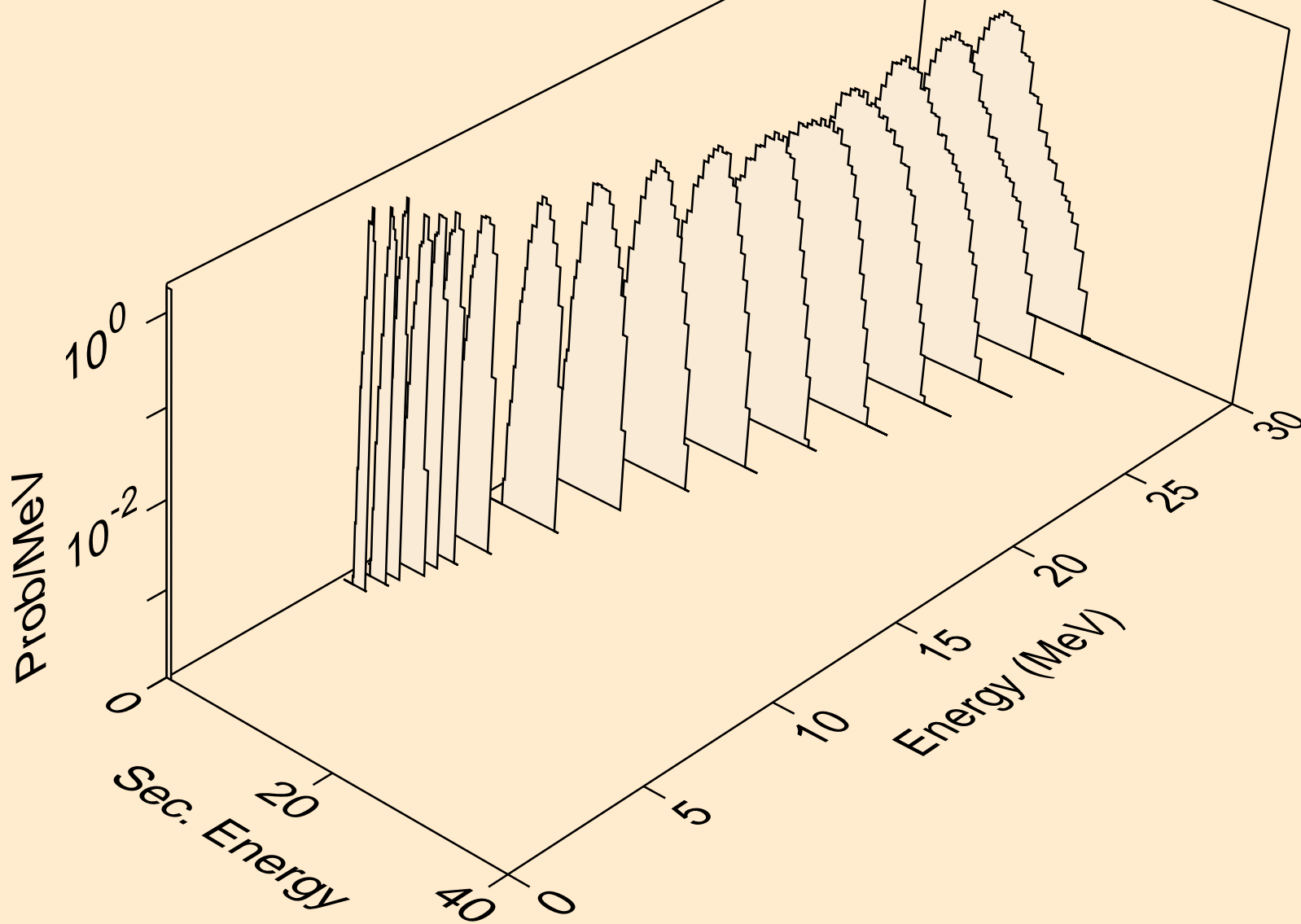
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



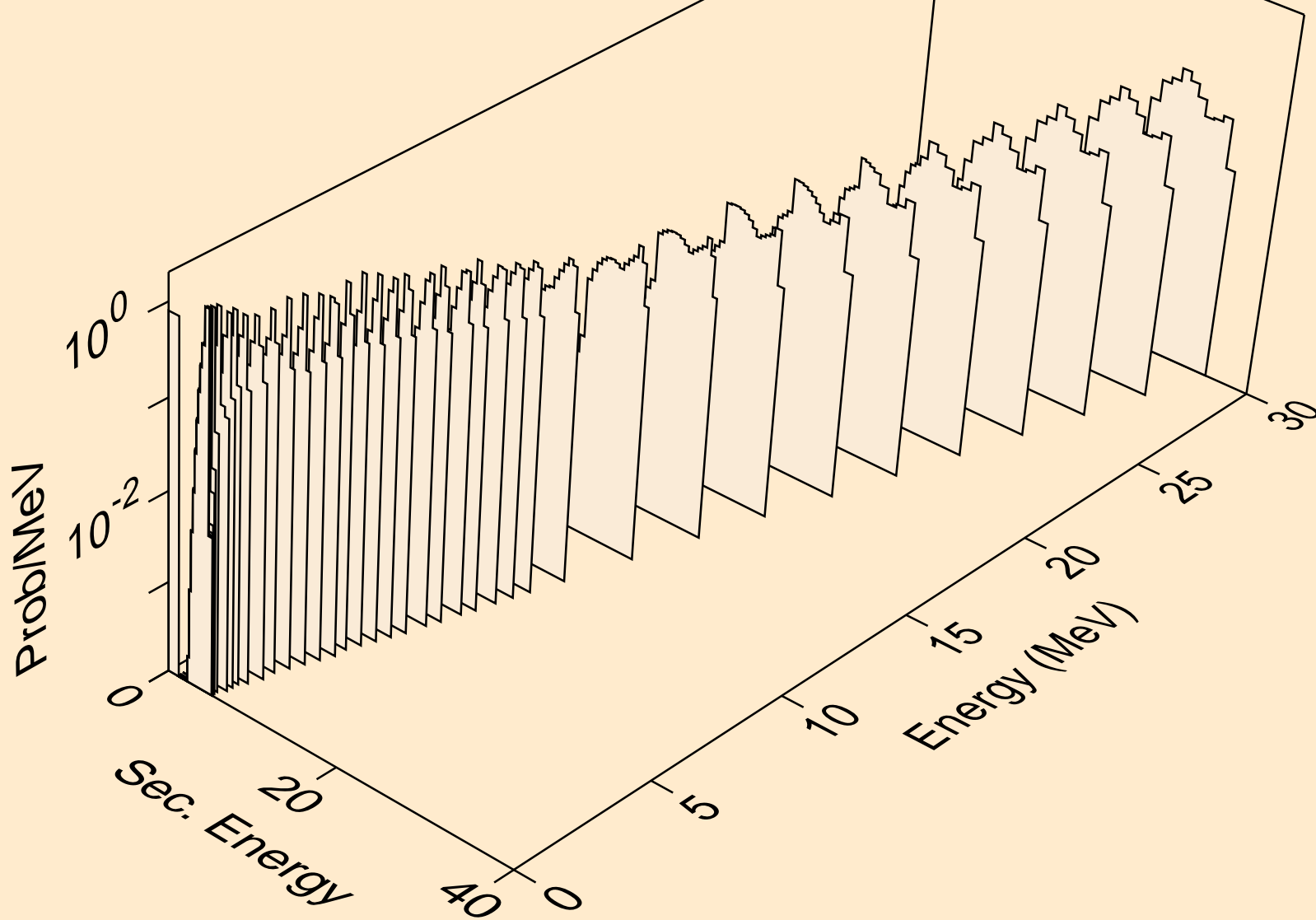
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protons from (n,2np)



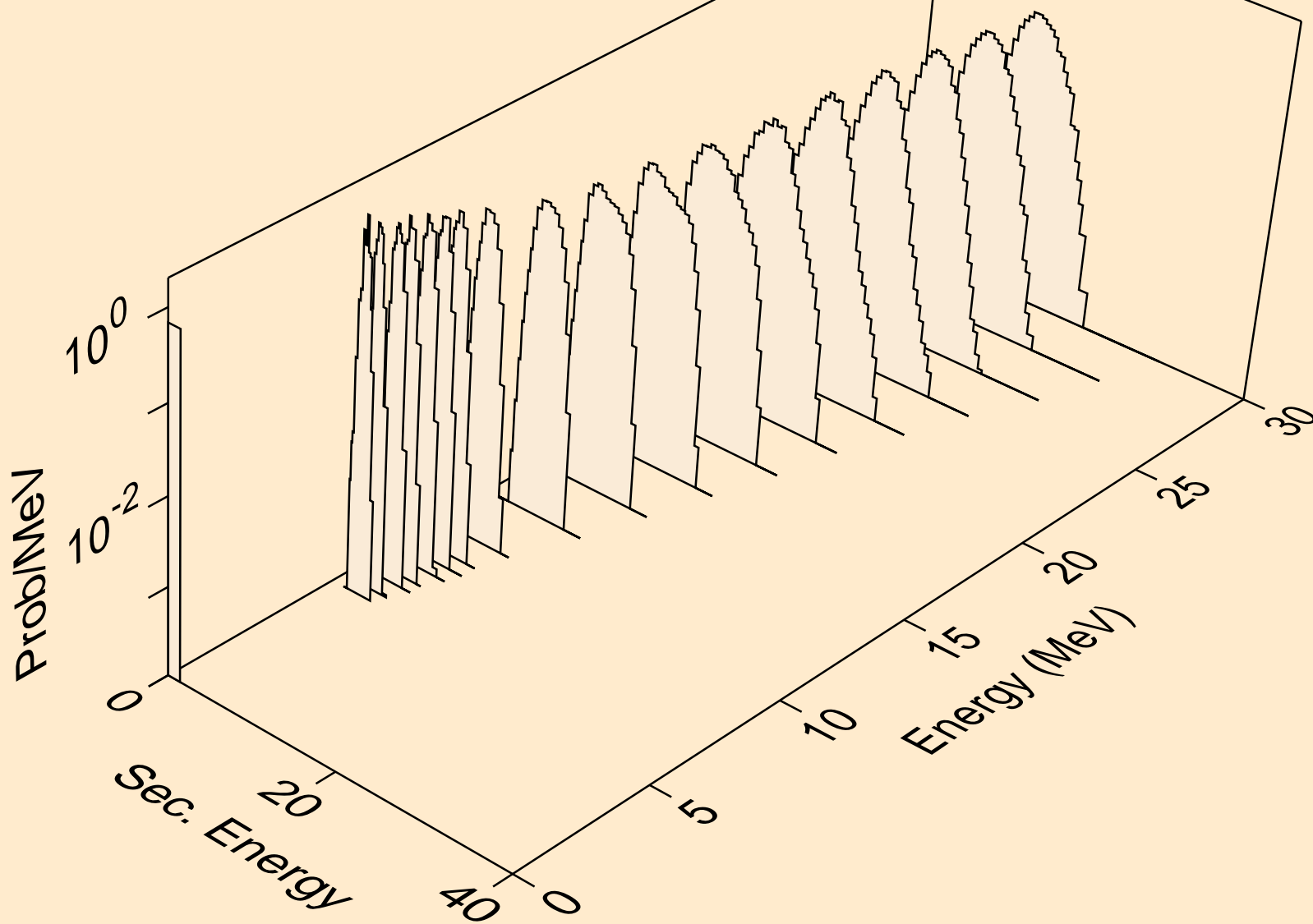
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protons from (n,npa)



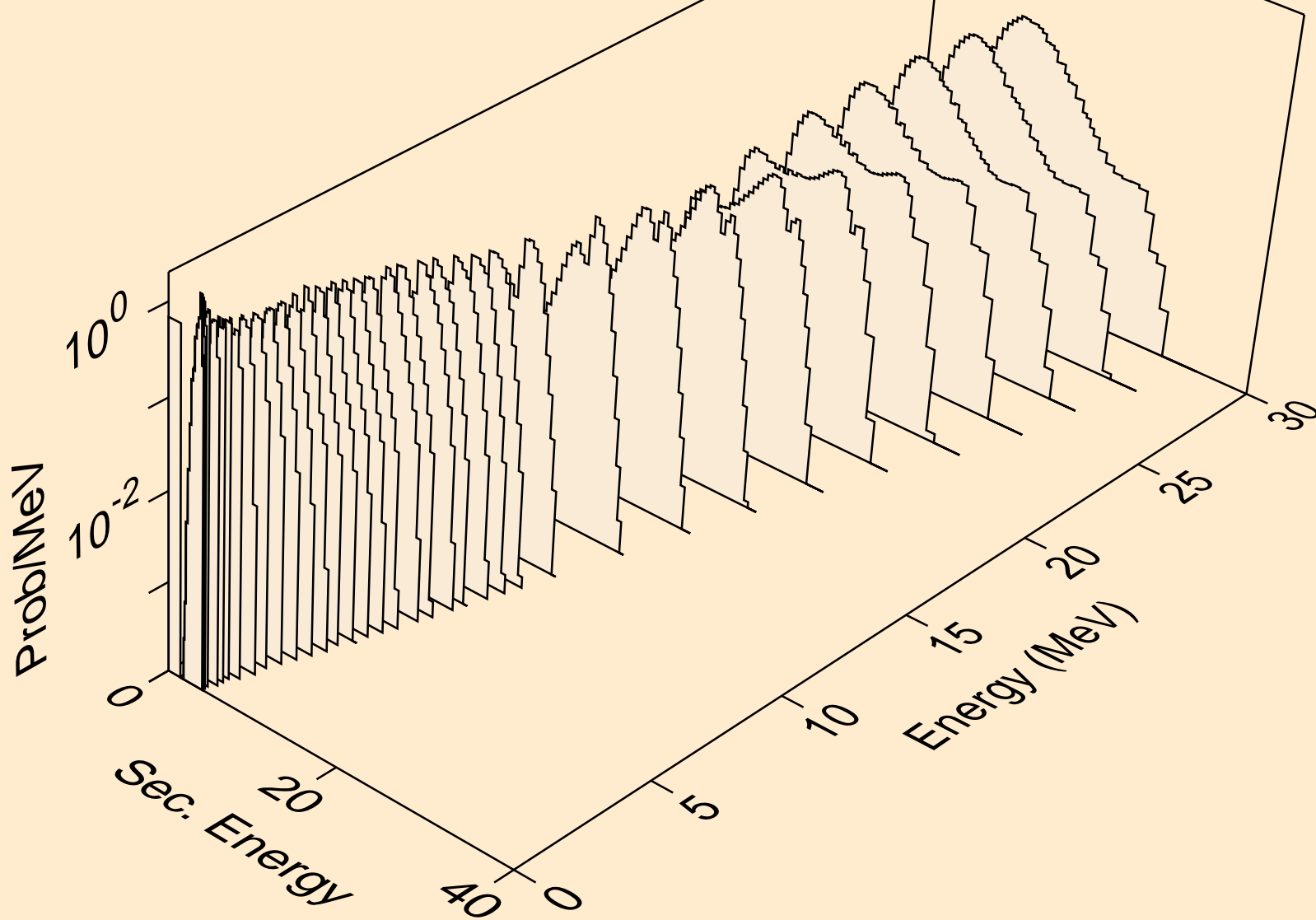
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



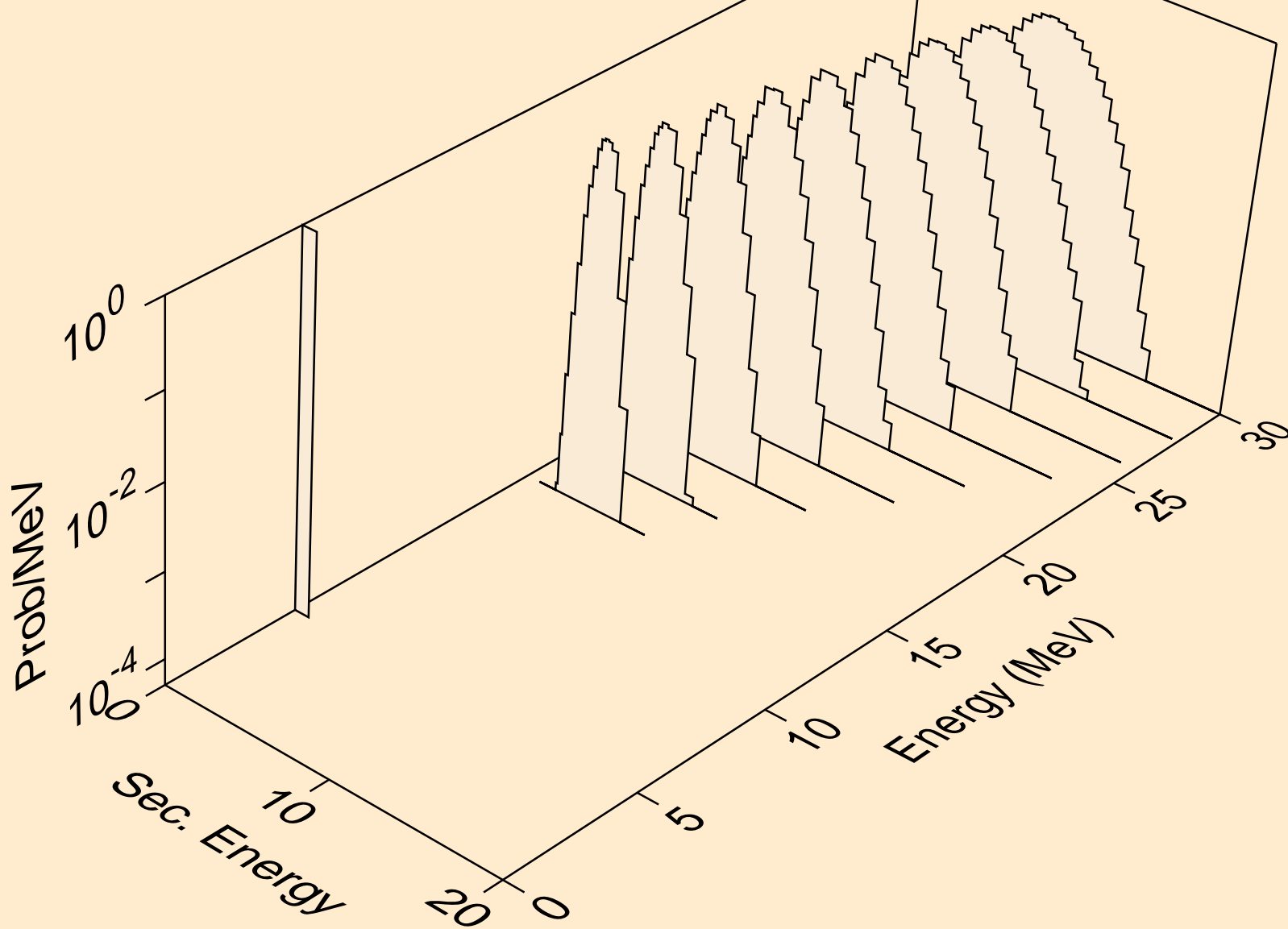
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protons from (n,2p)



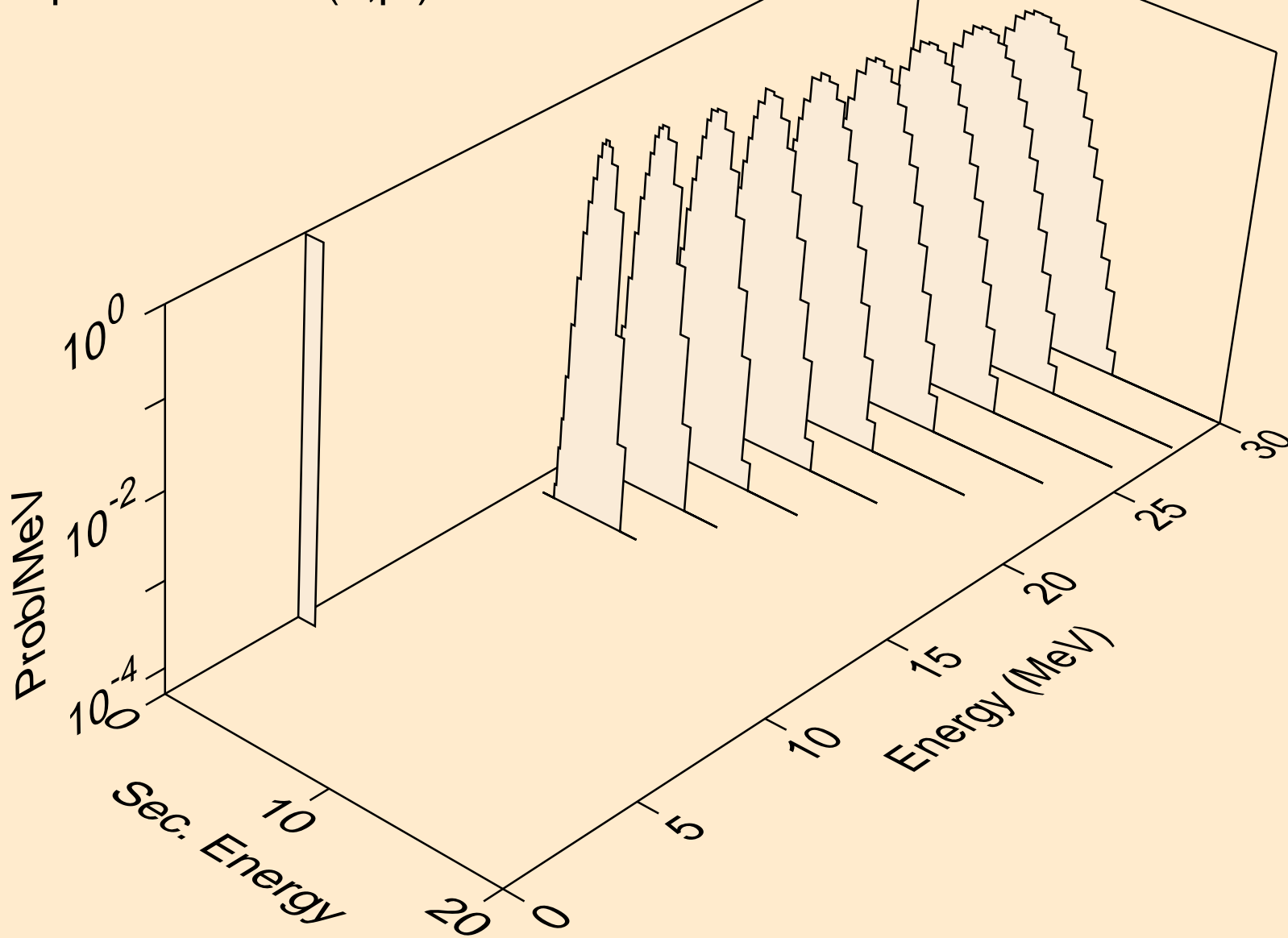
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protons from (n,p)



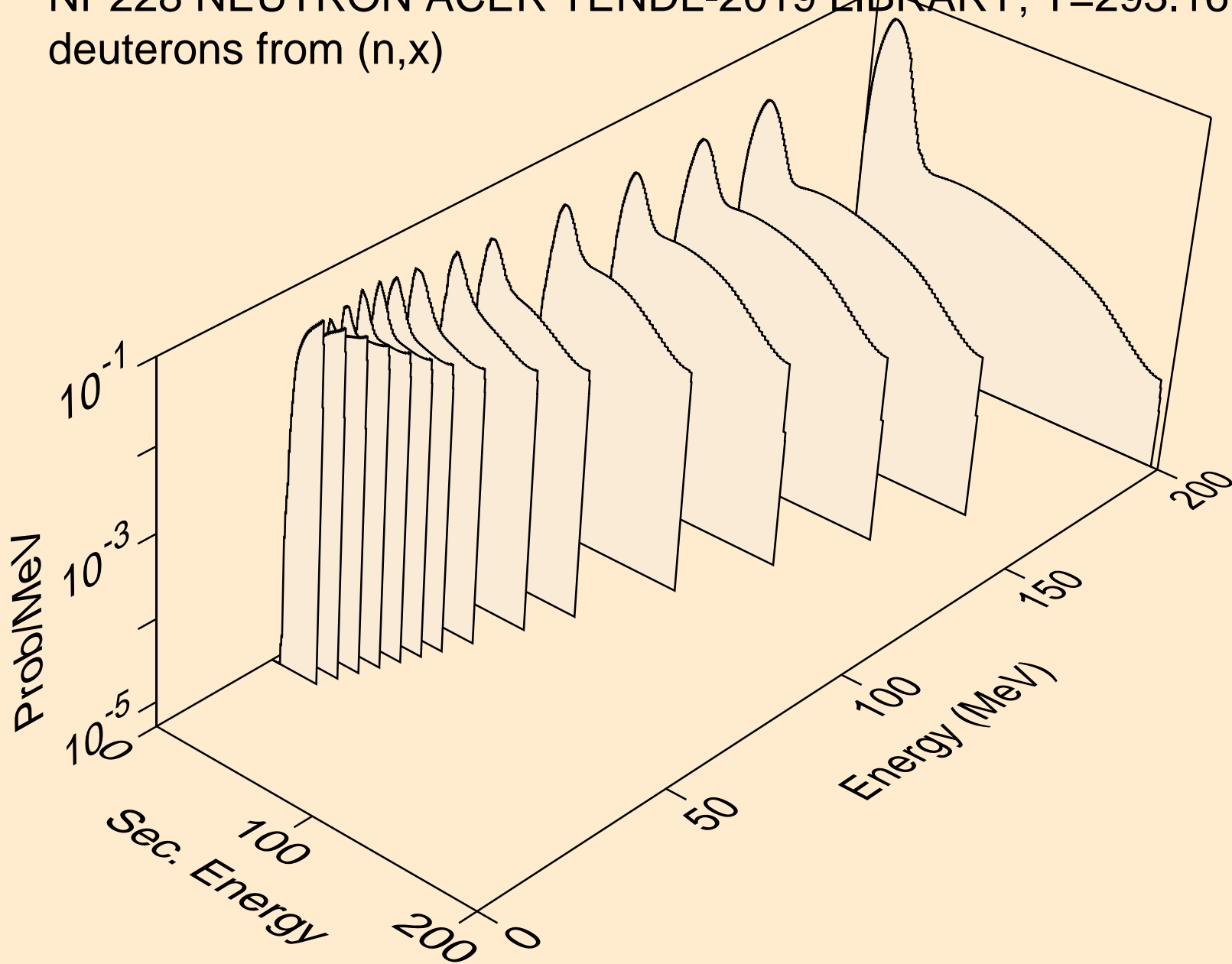
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



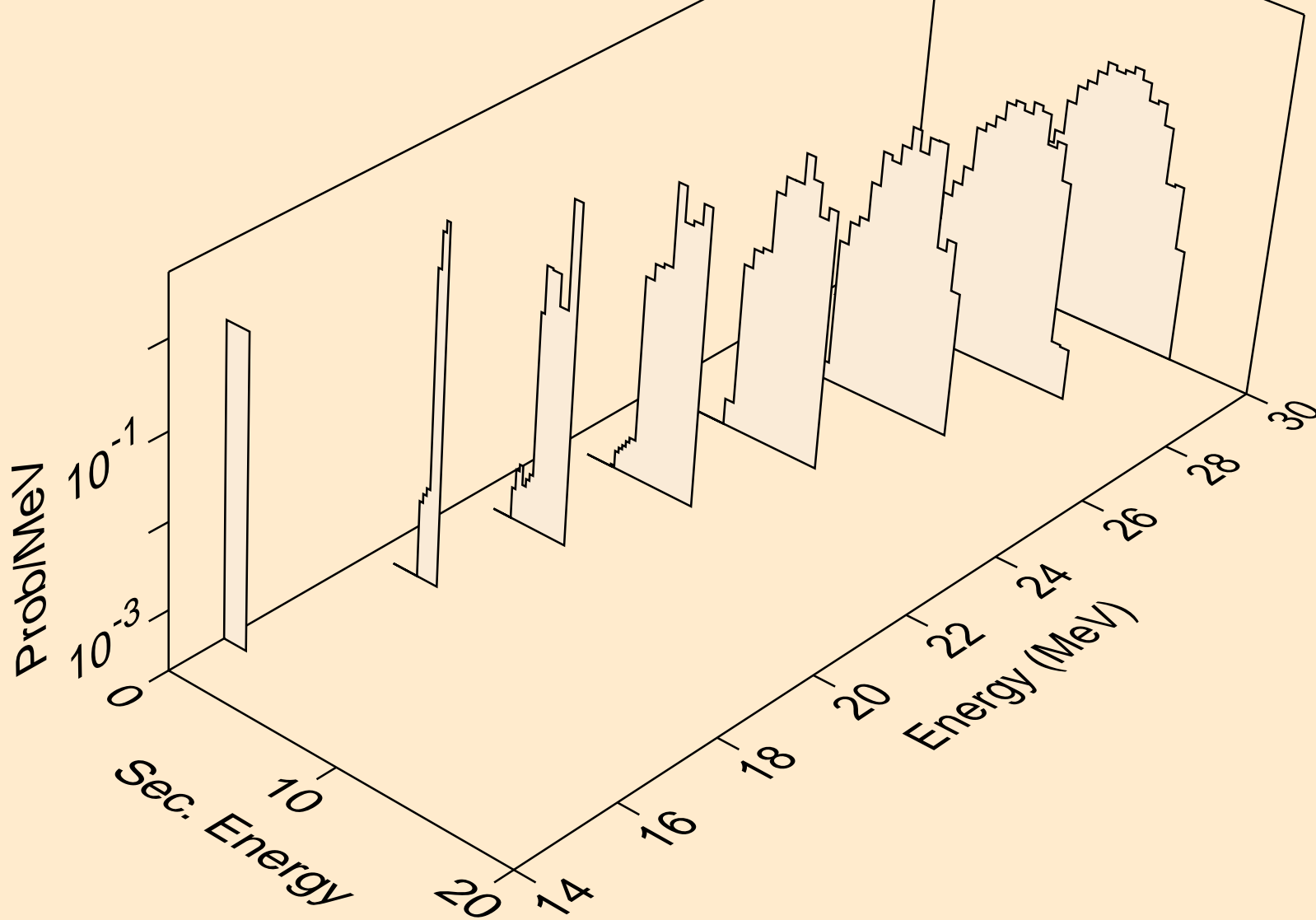
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protons from (n,pt)



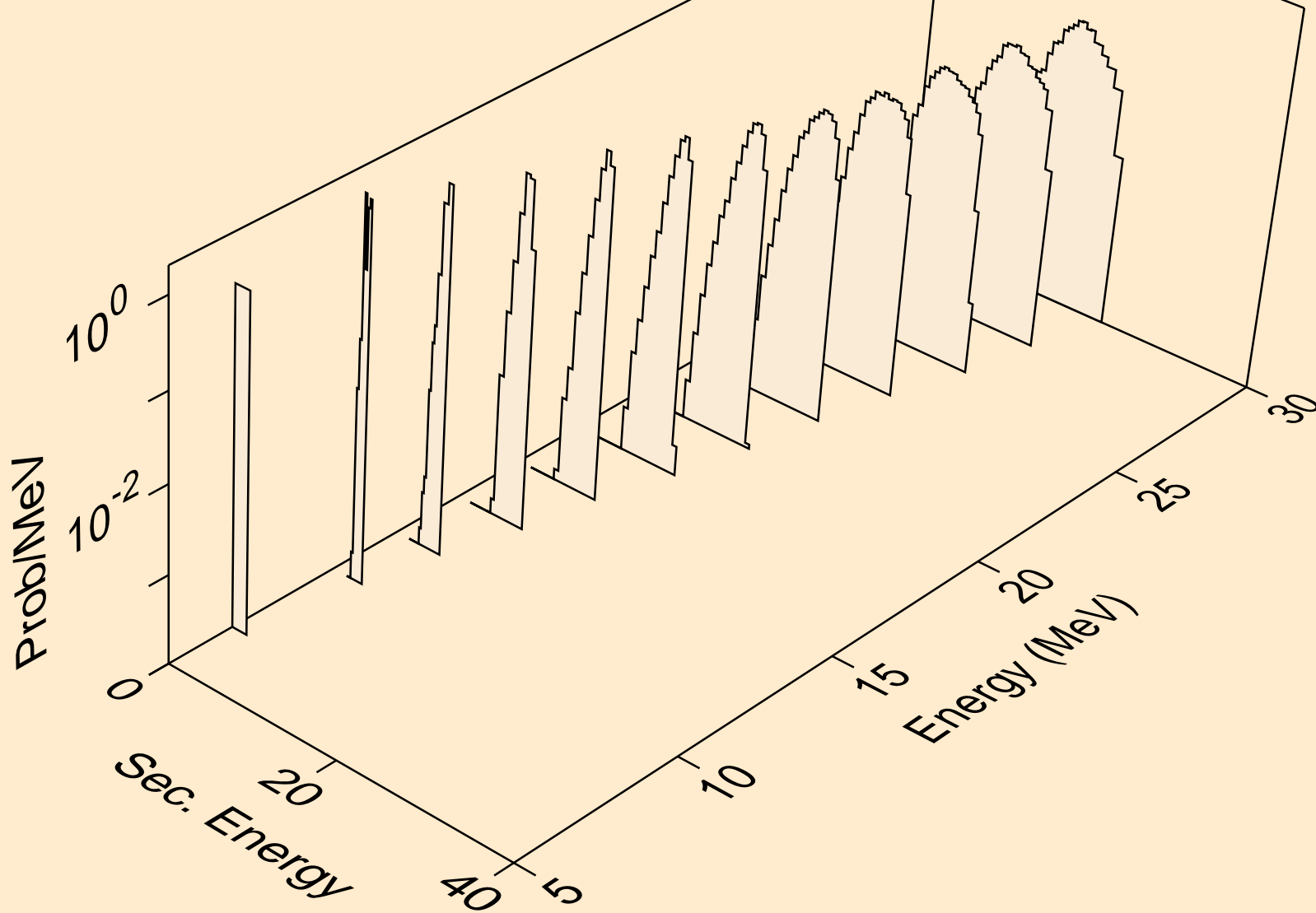
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



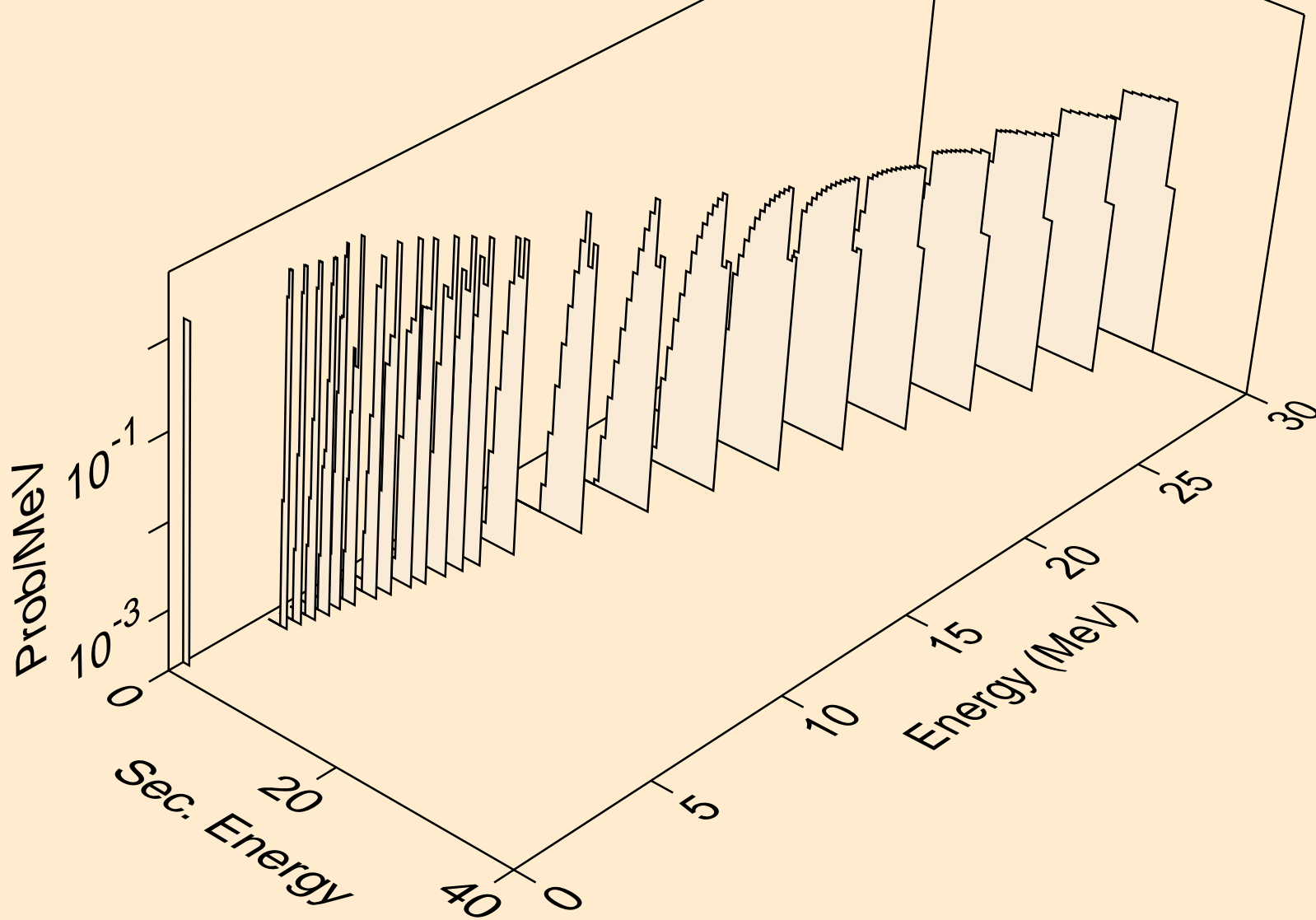
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



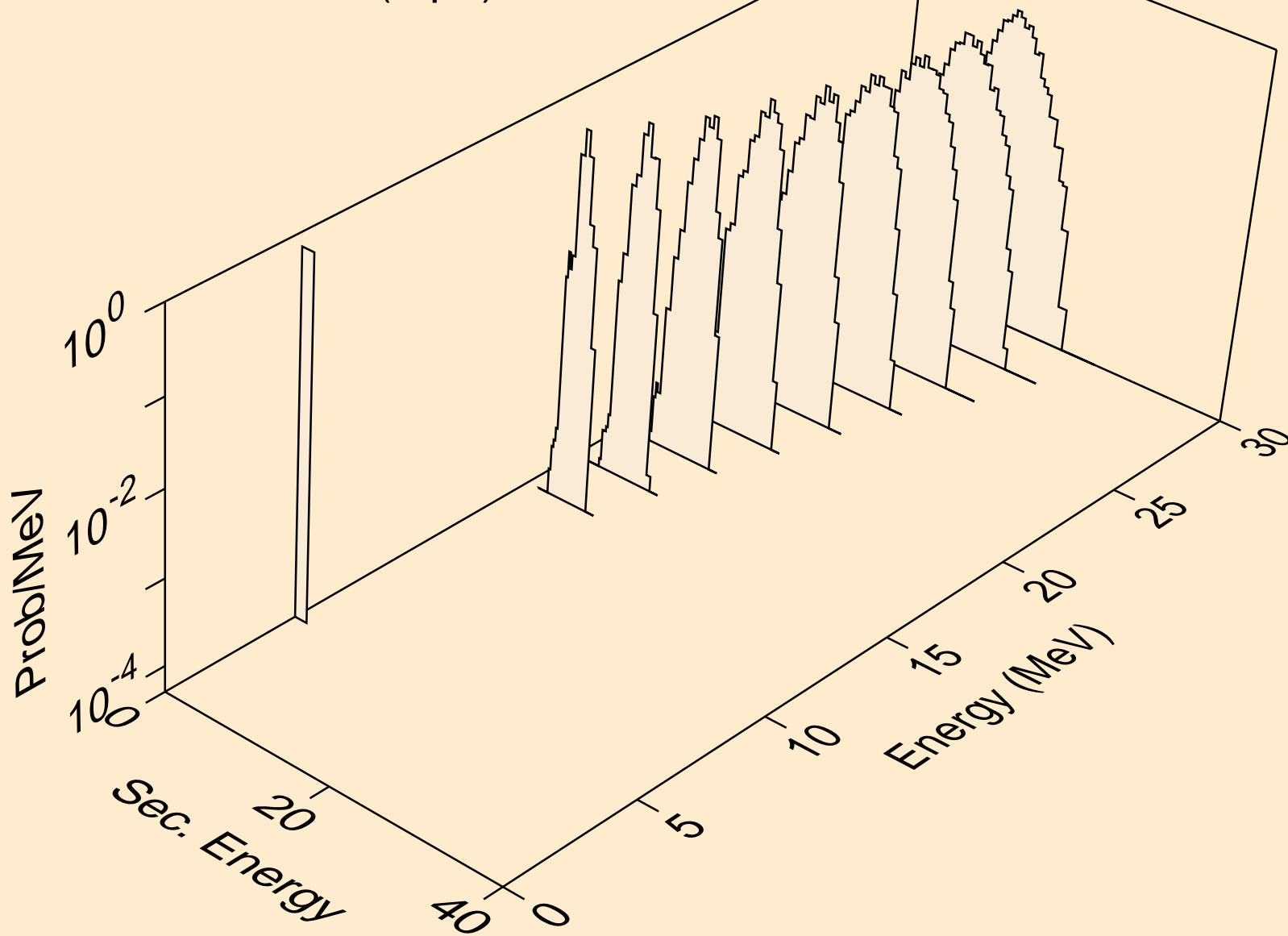
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



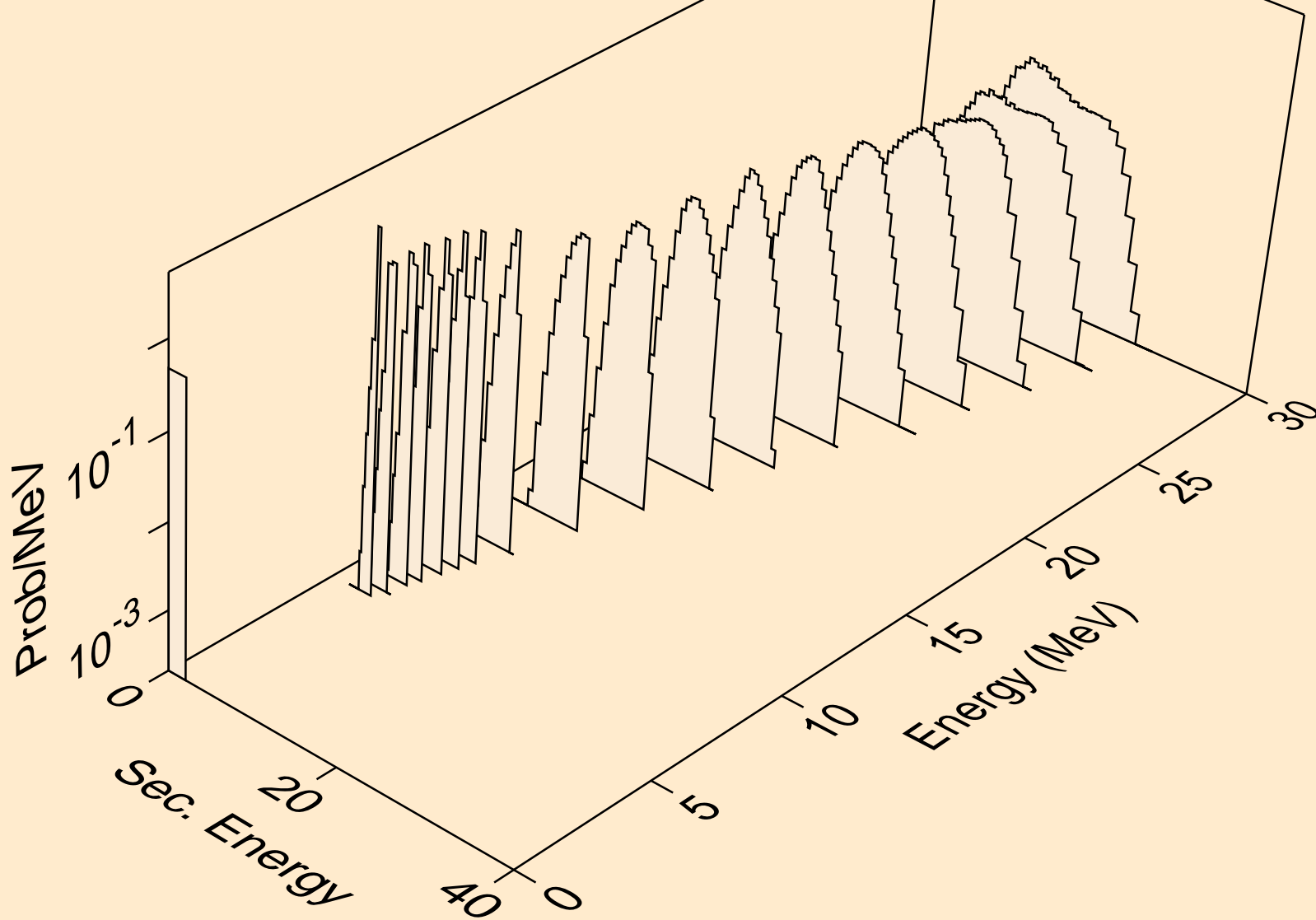
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deuterons from (n,d)



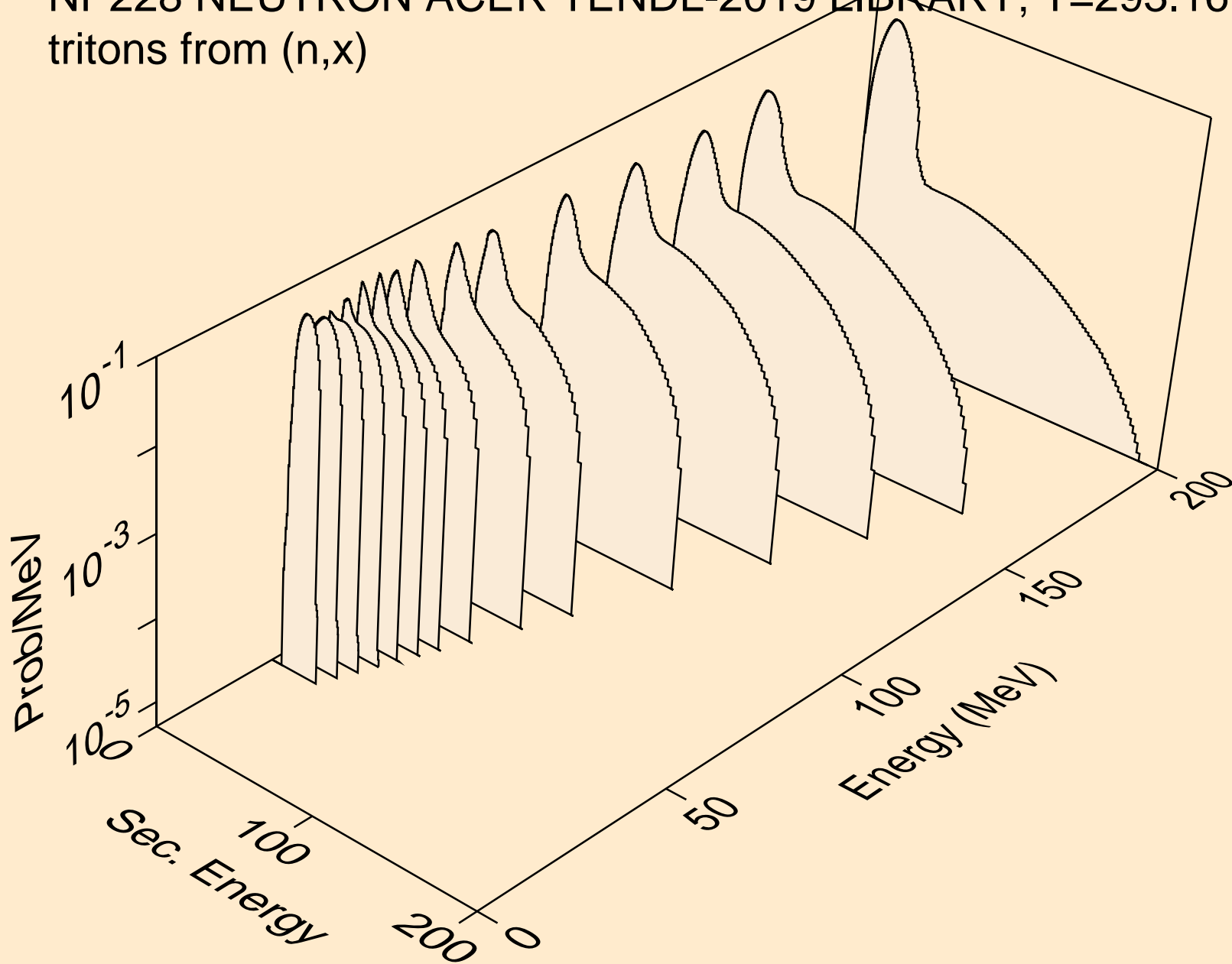
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



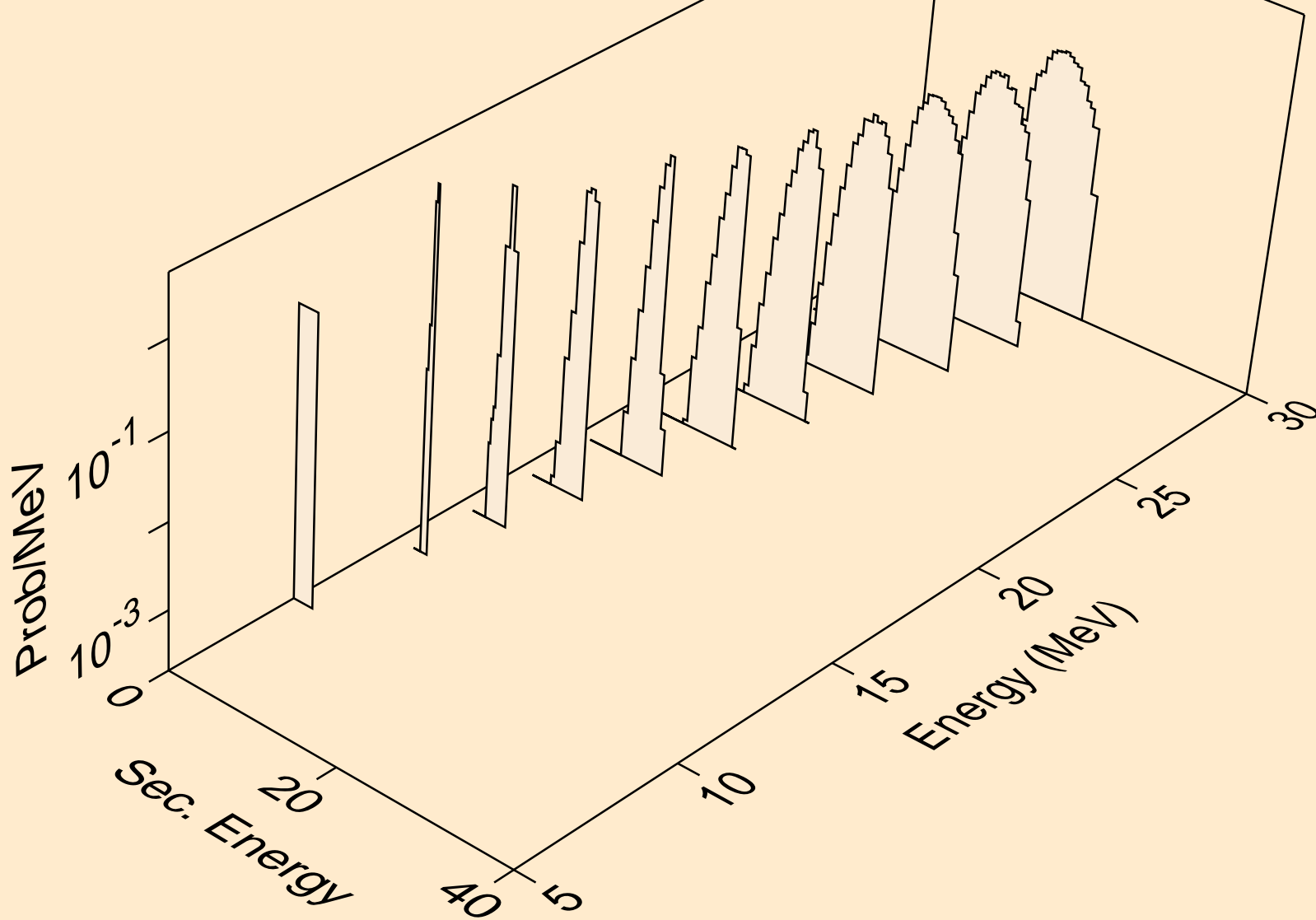
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deuterons from (n,da)



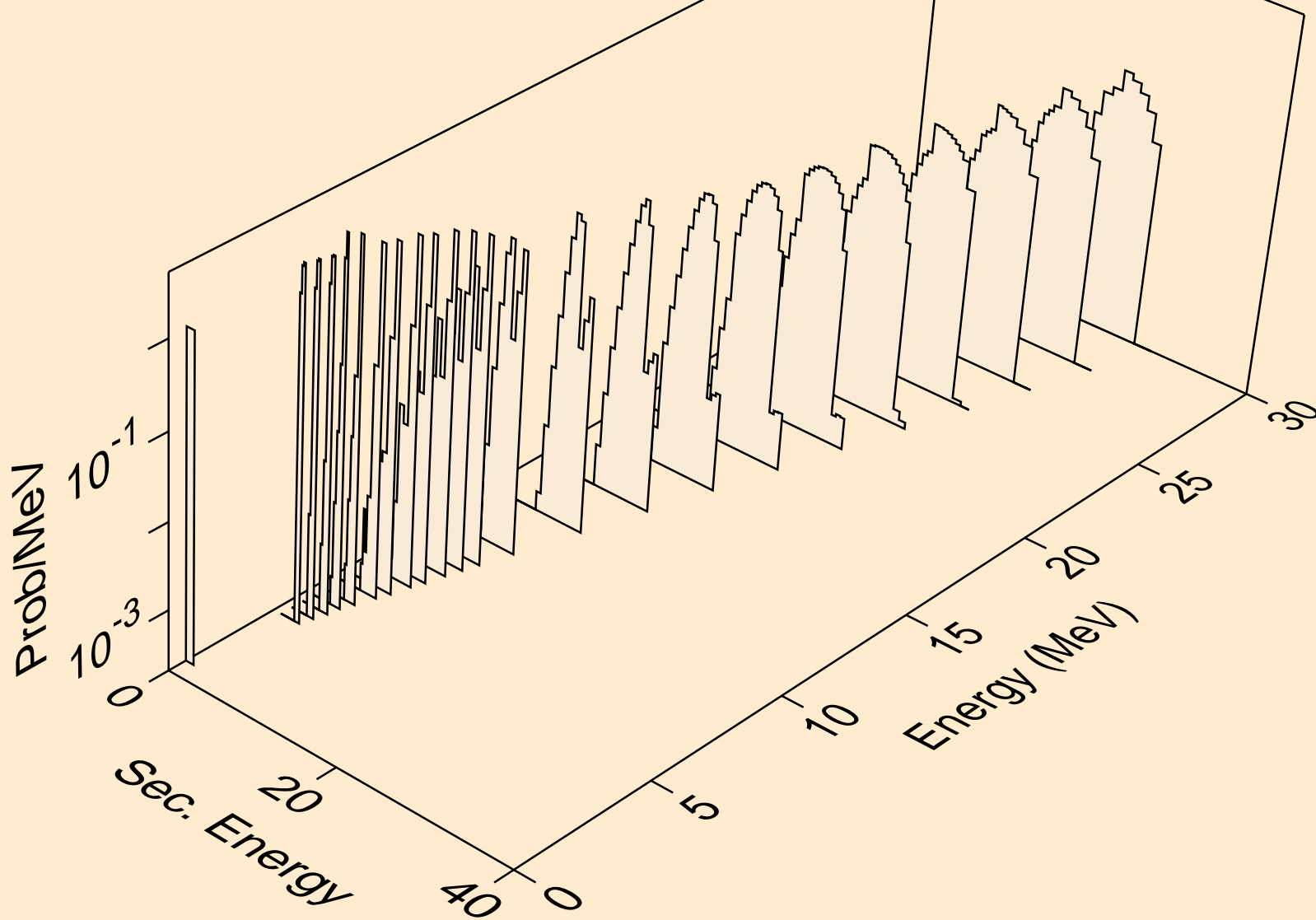
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



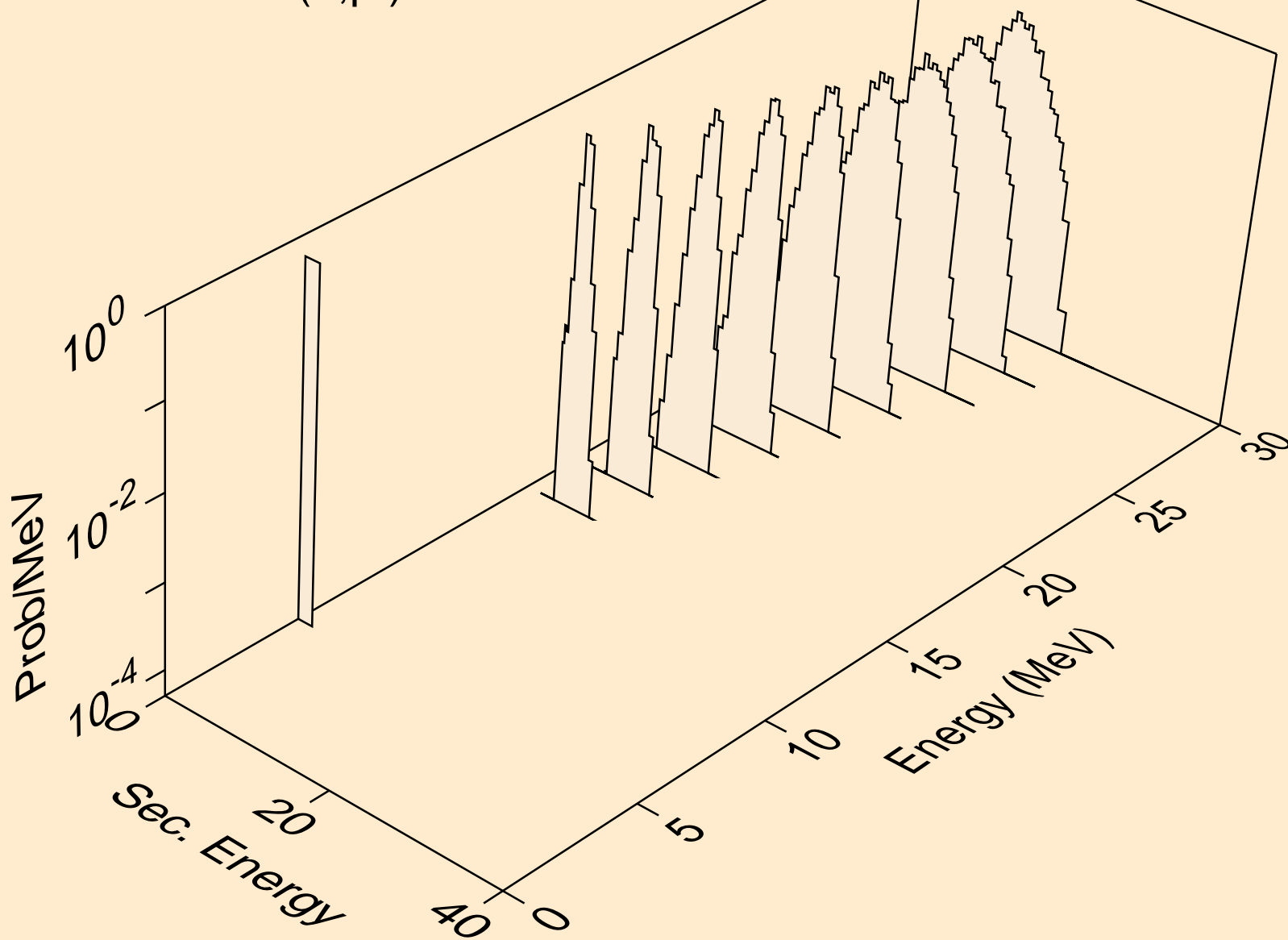
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



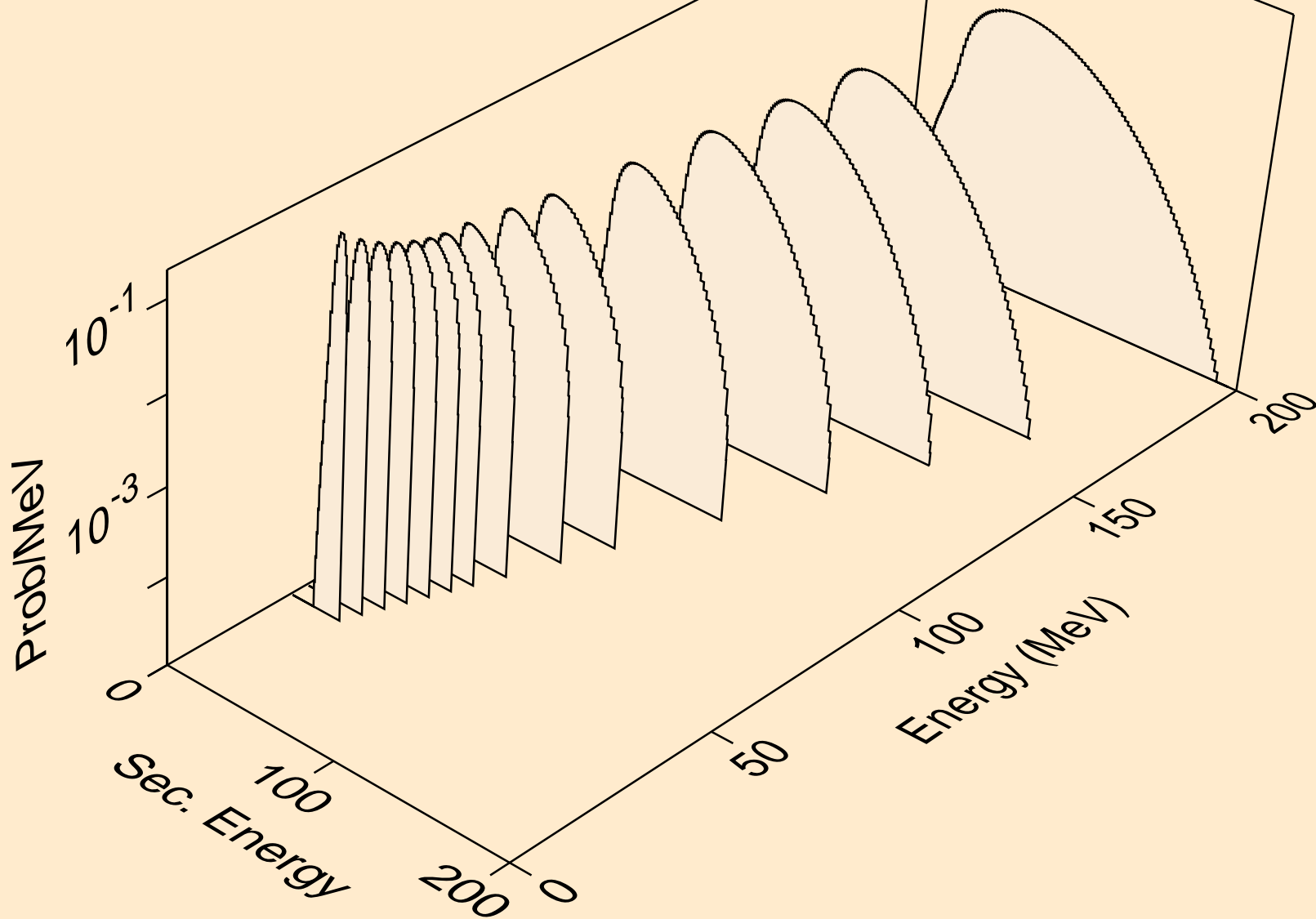
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tritons from (n,t)



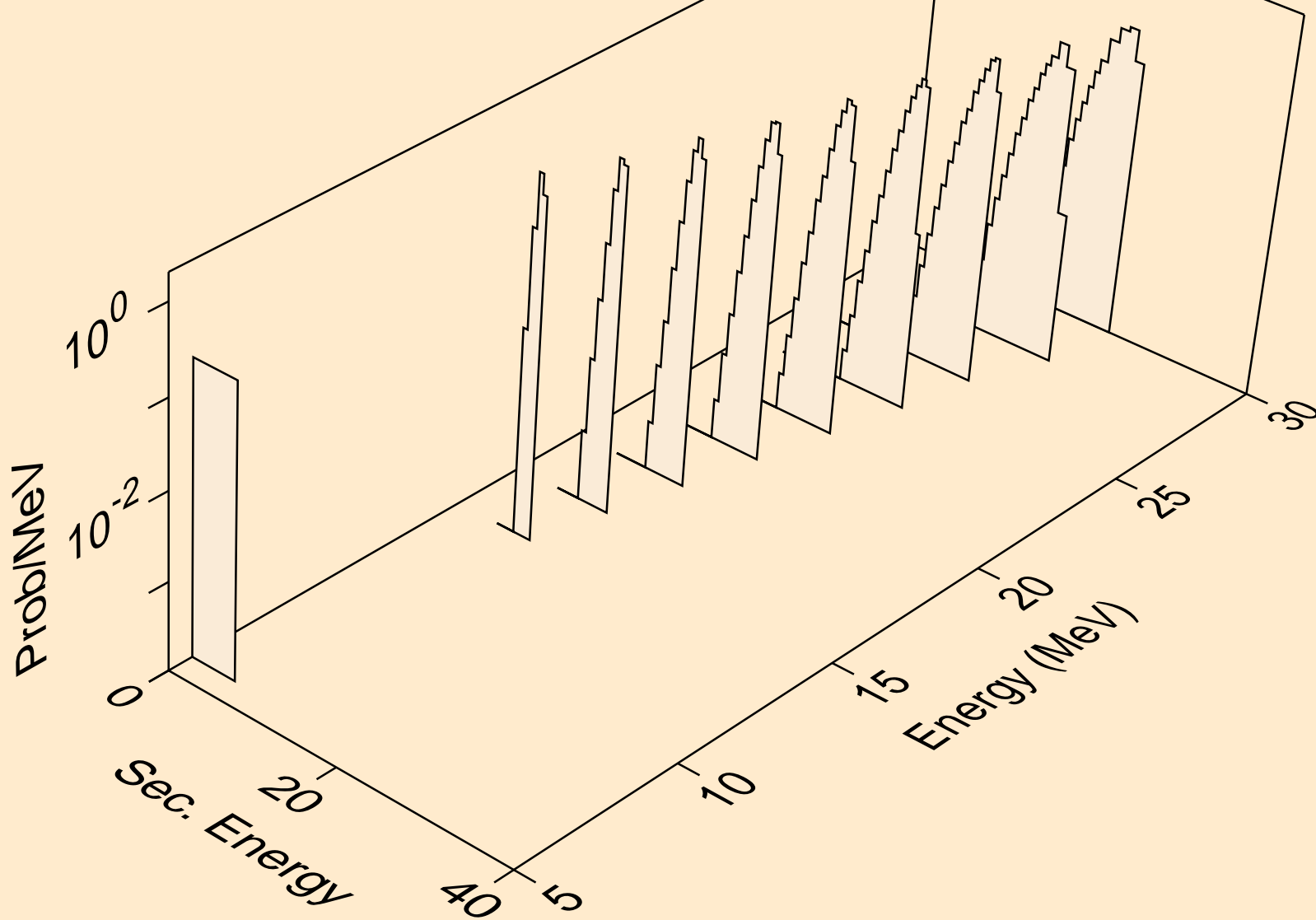
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tritons from (n,pt)



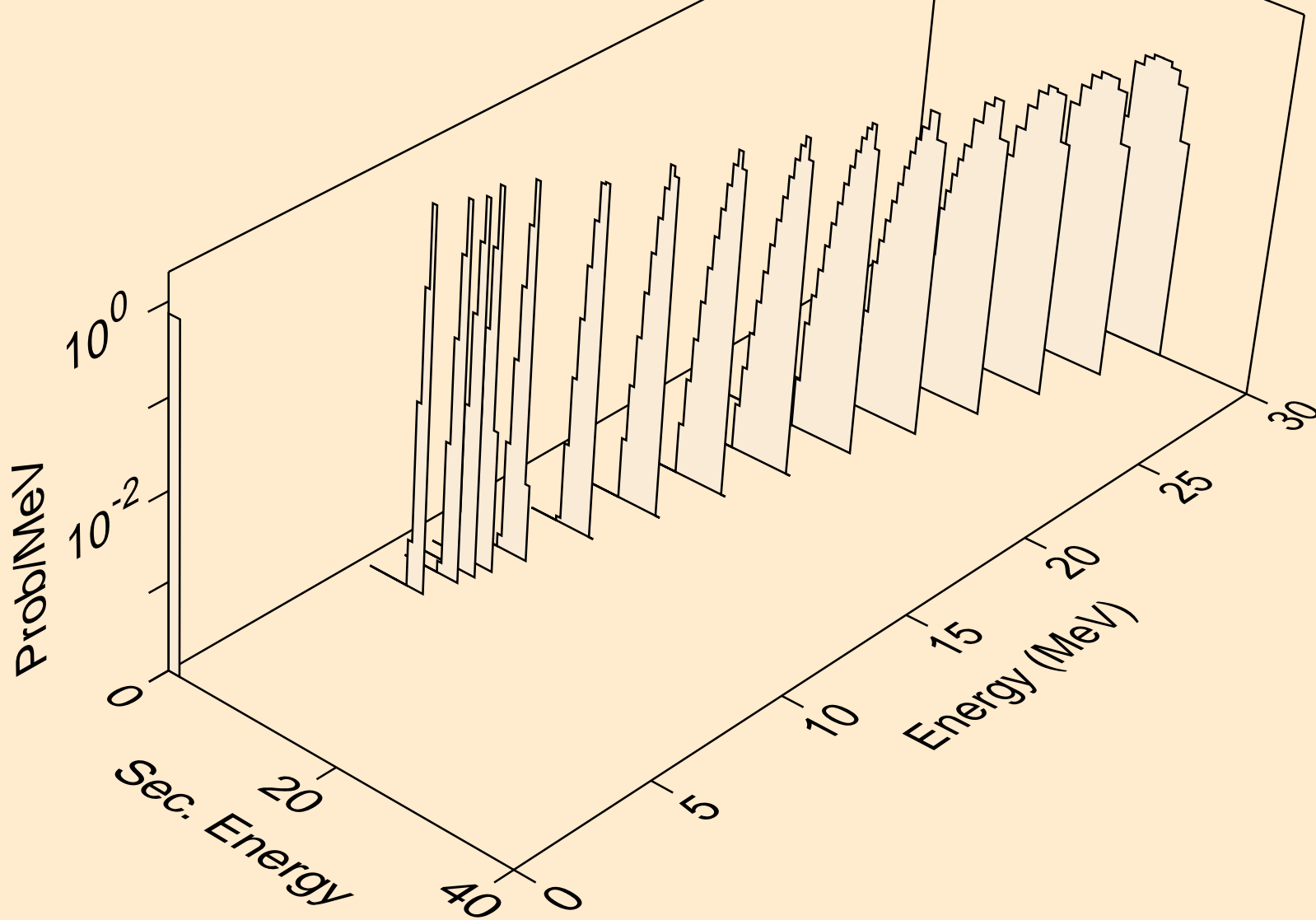
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



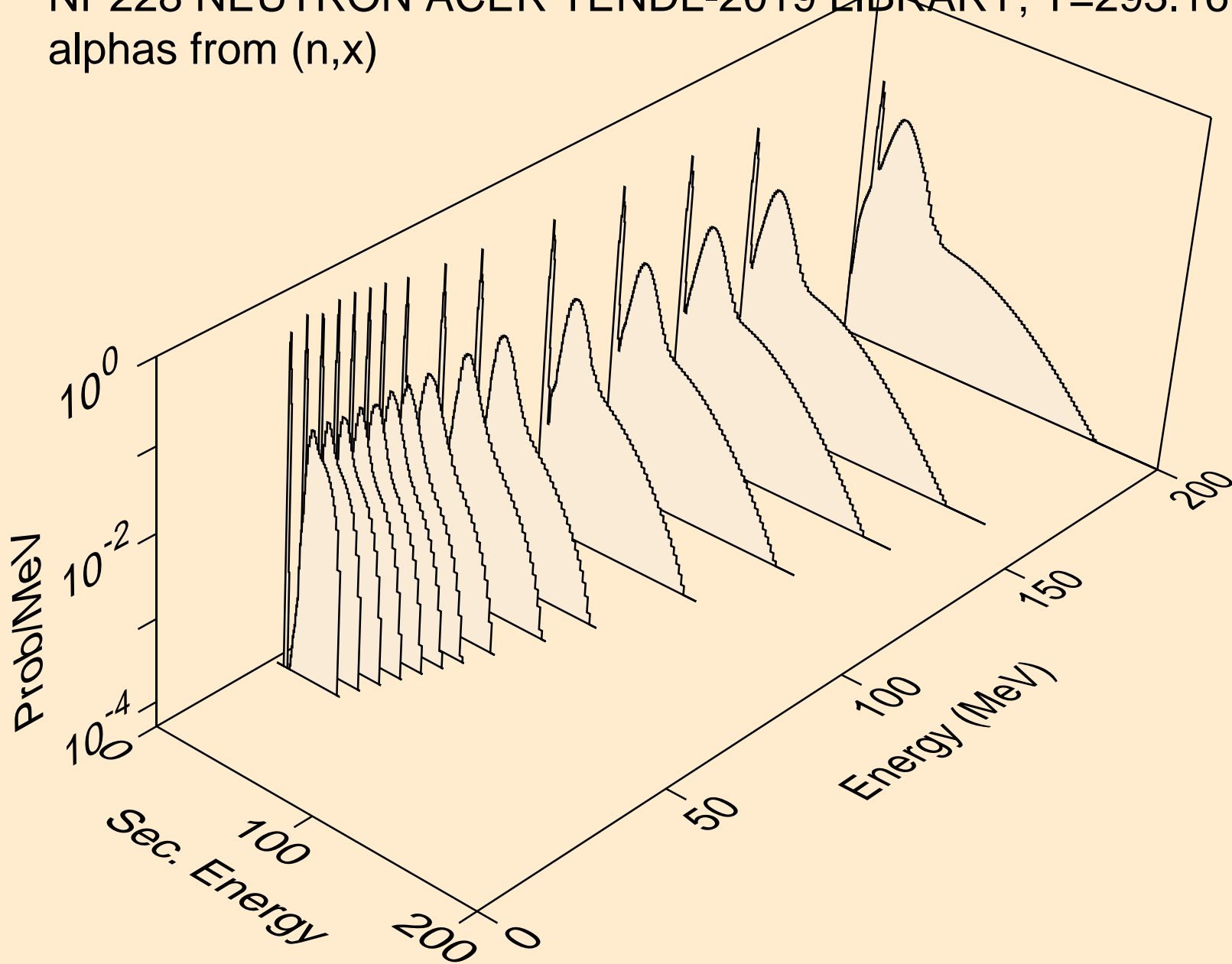
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he3s from (n,n*)he3



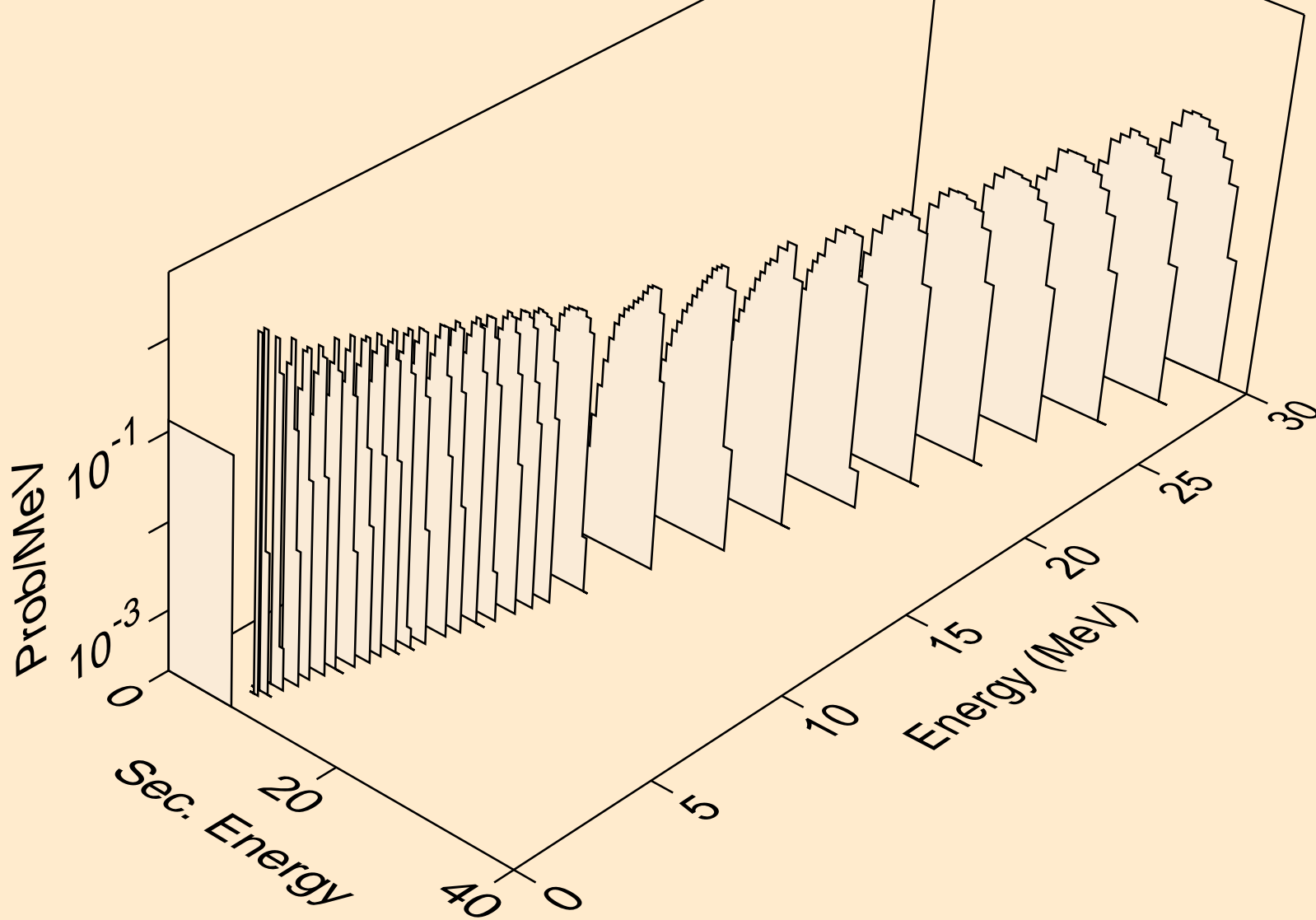
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



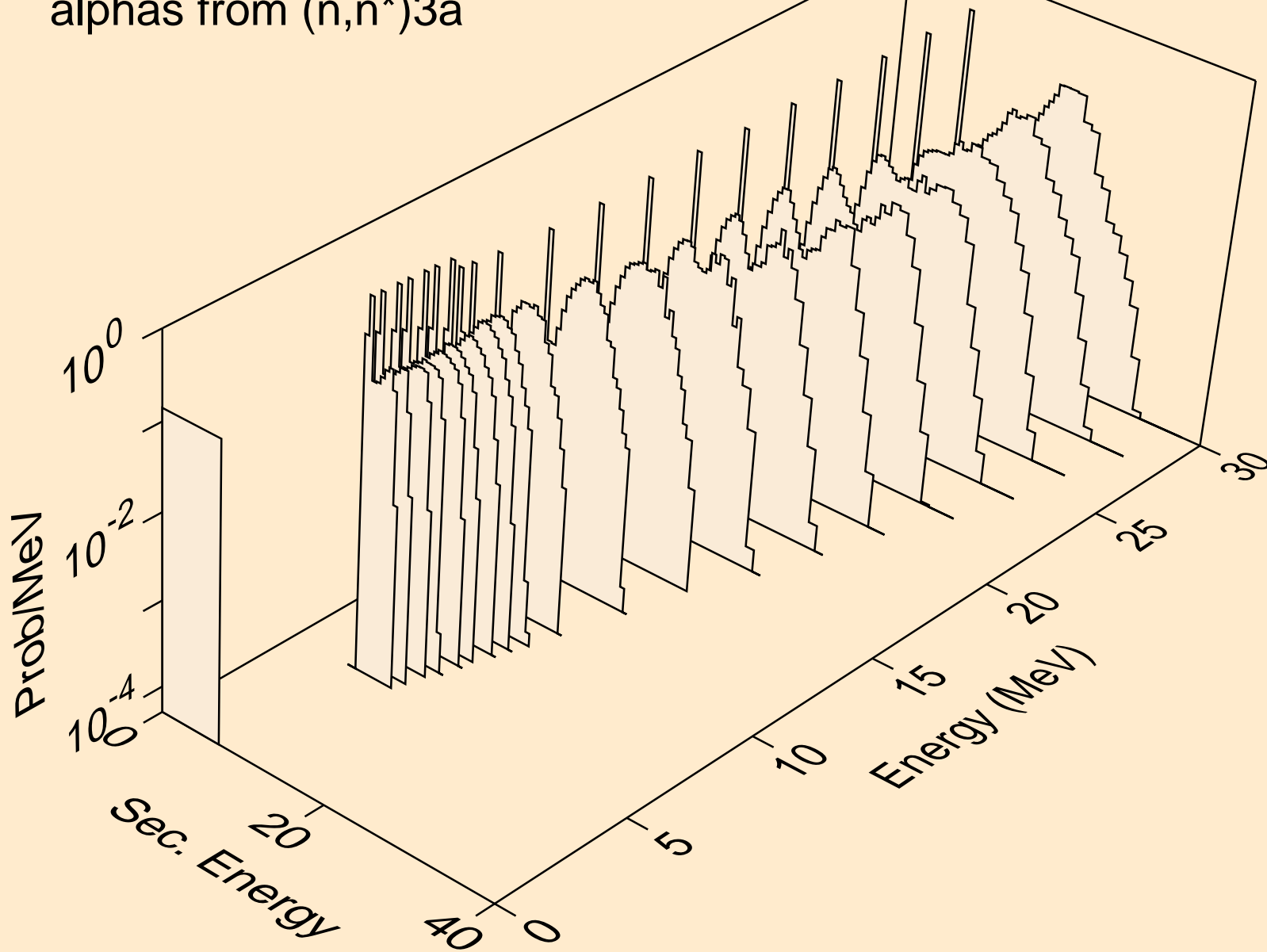
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



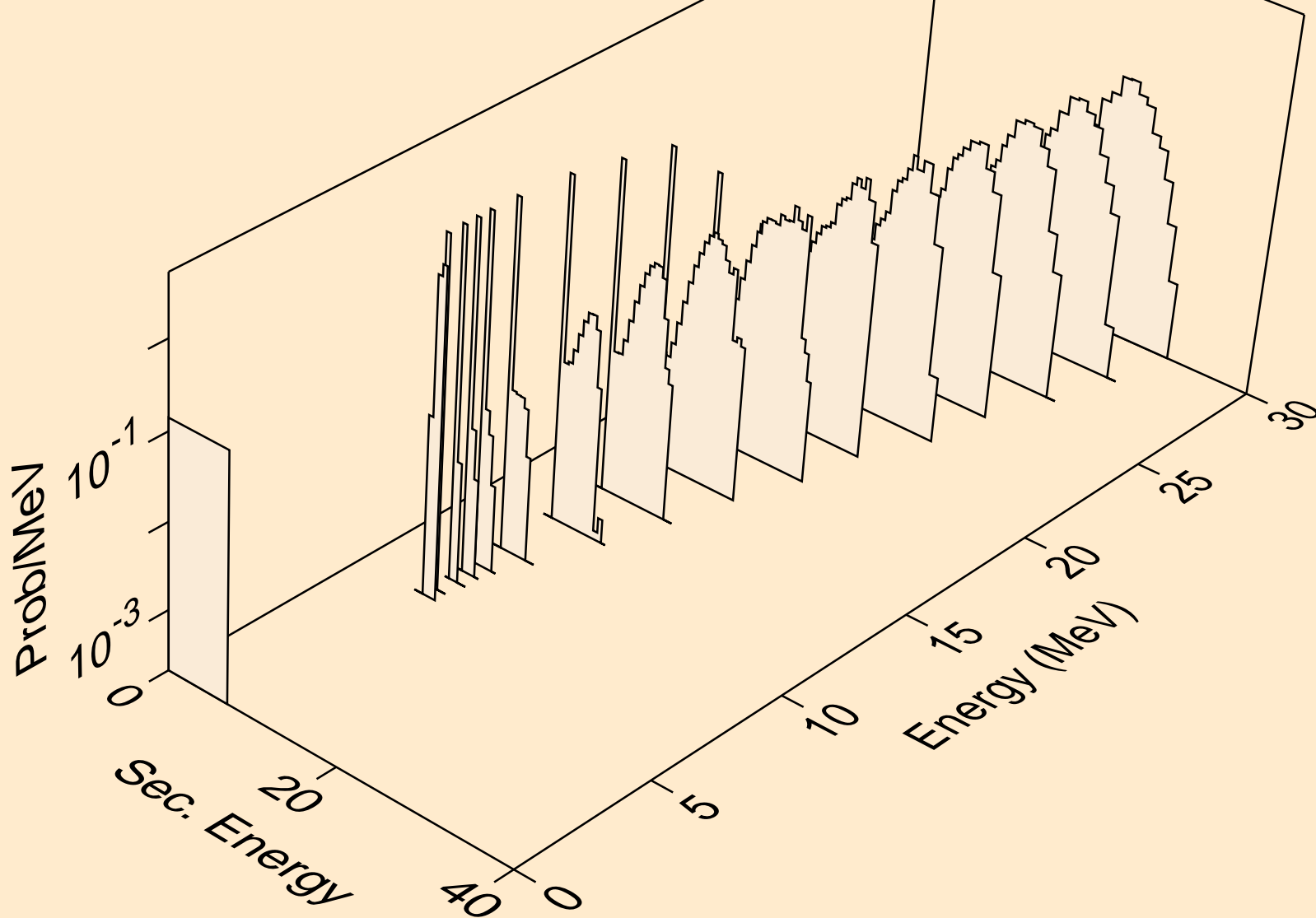
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



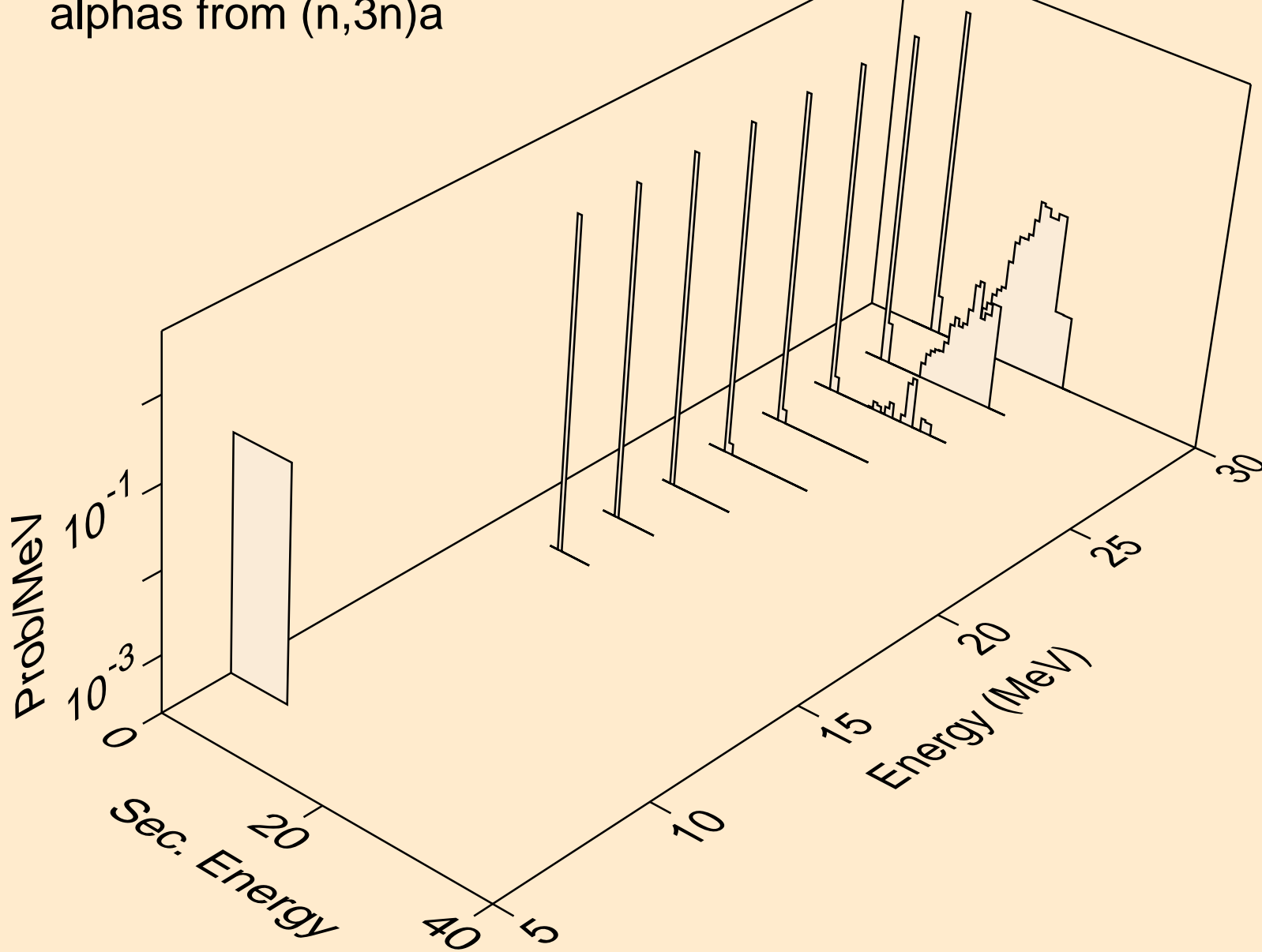
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)3a



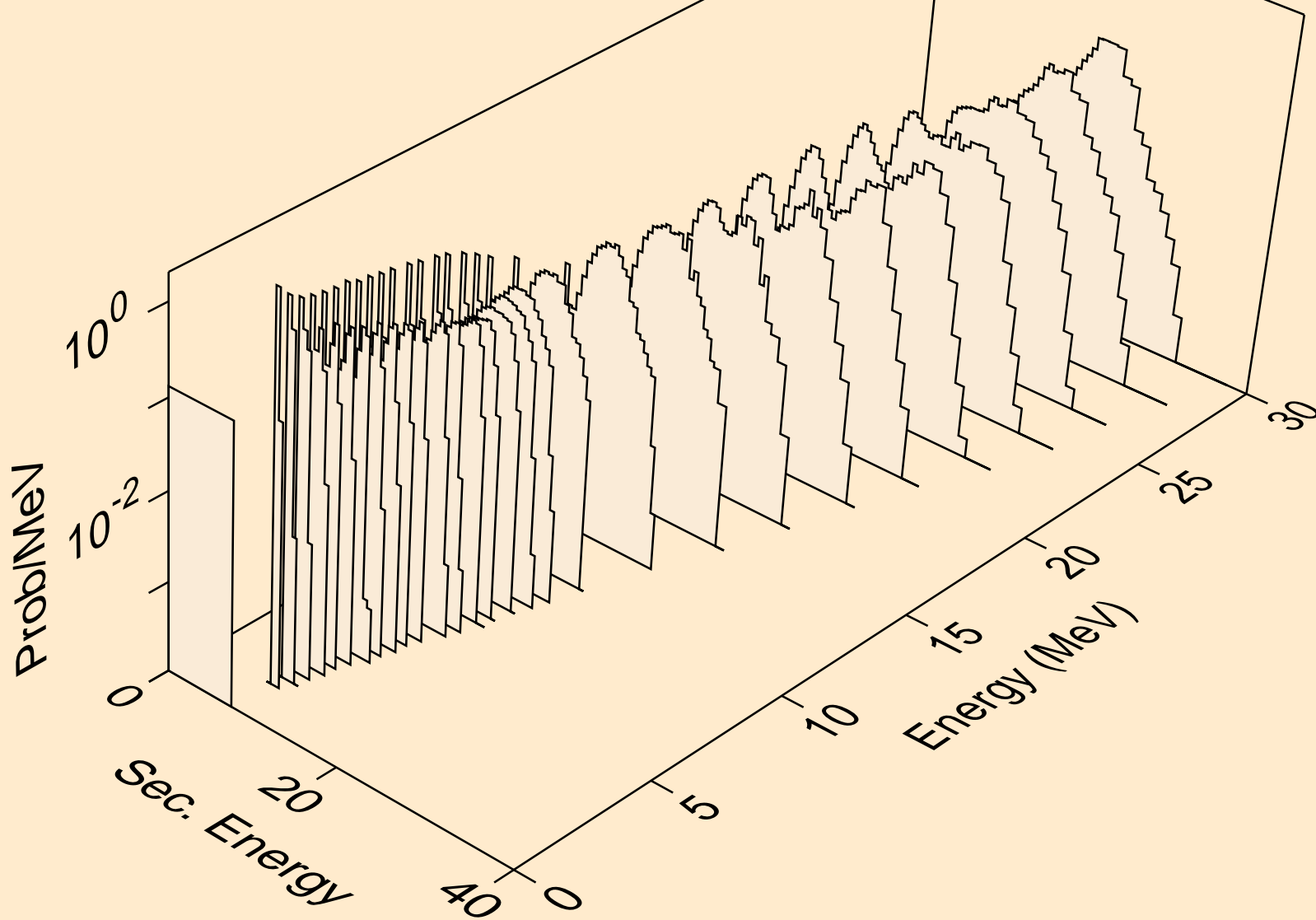
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



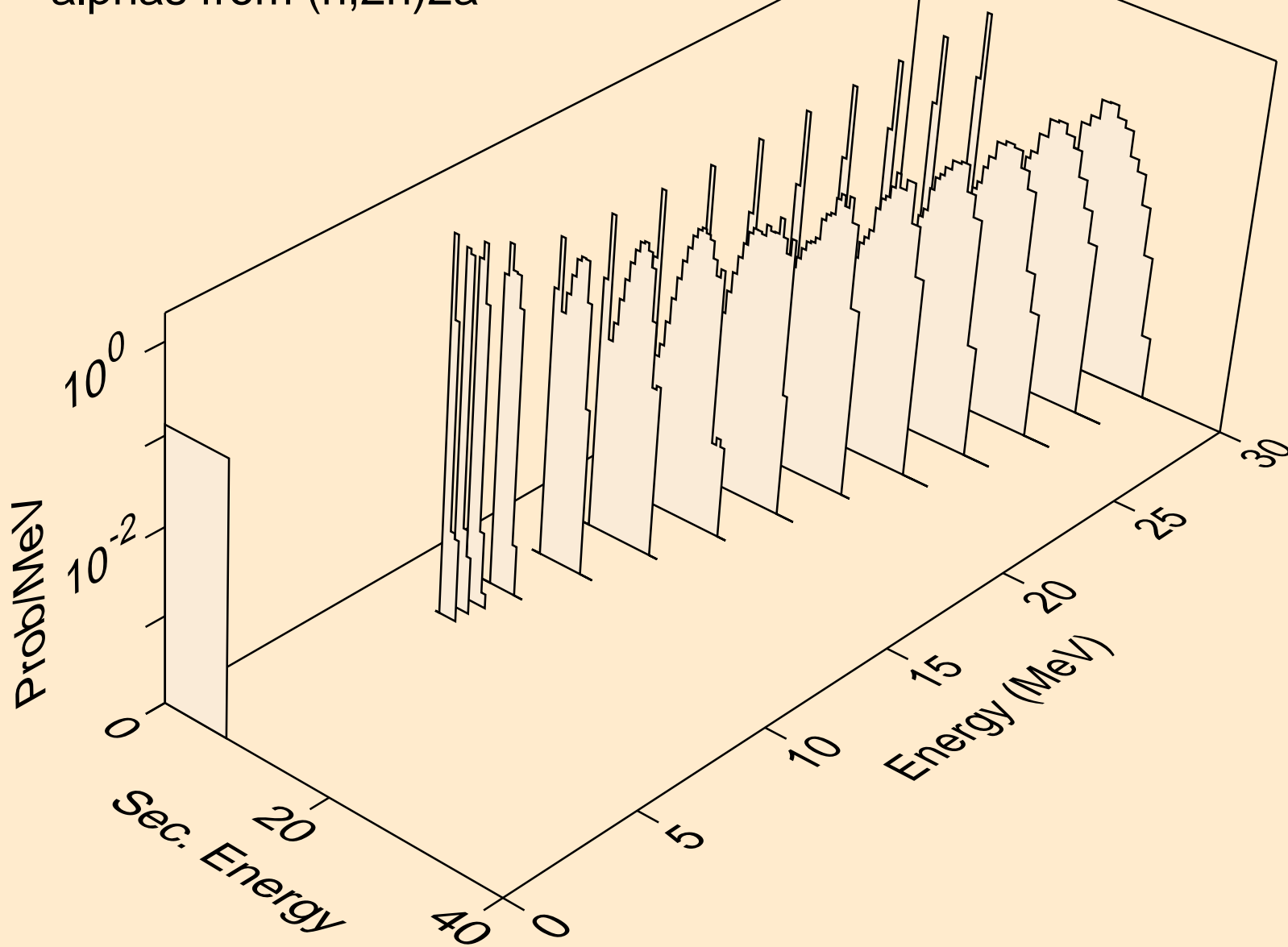
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



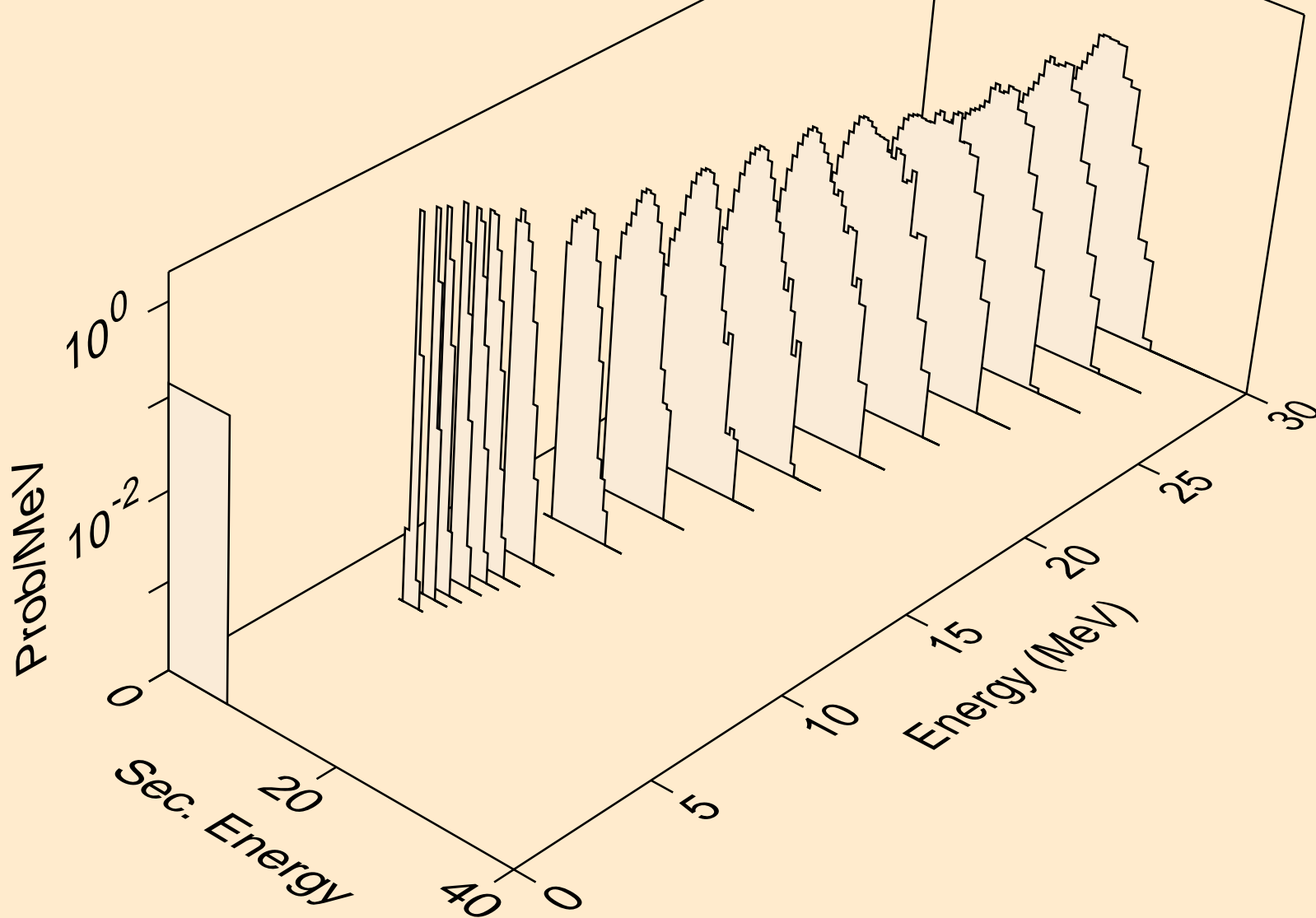
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



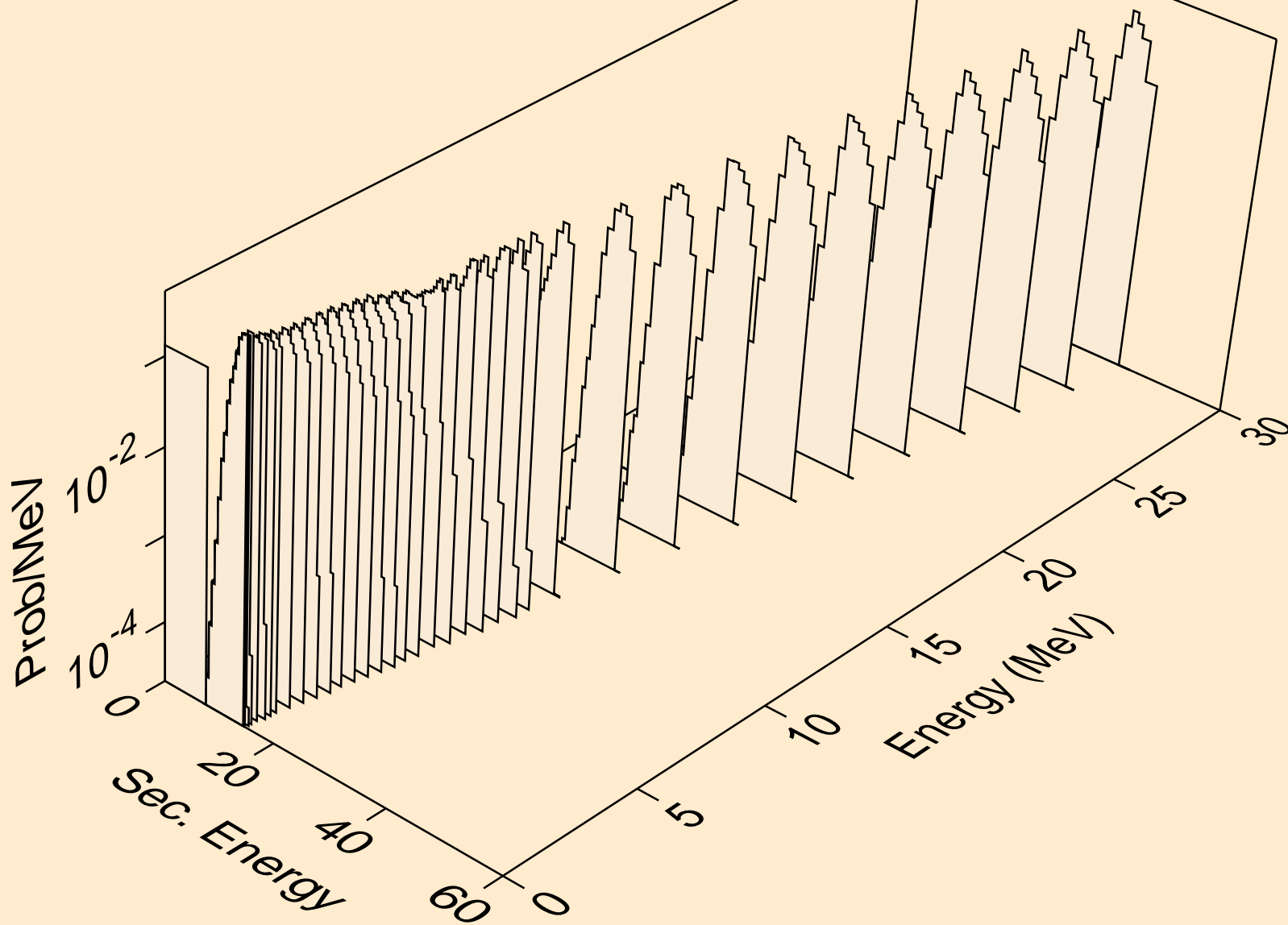
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



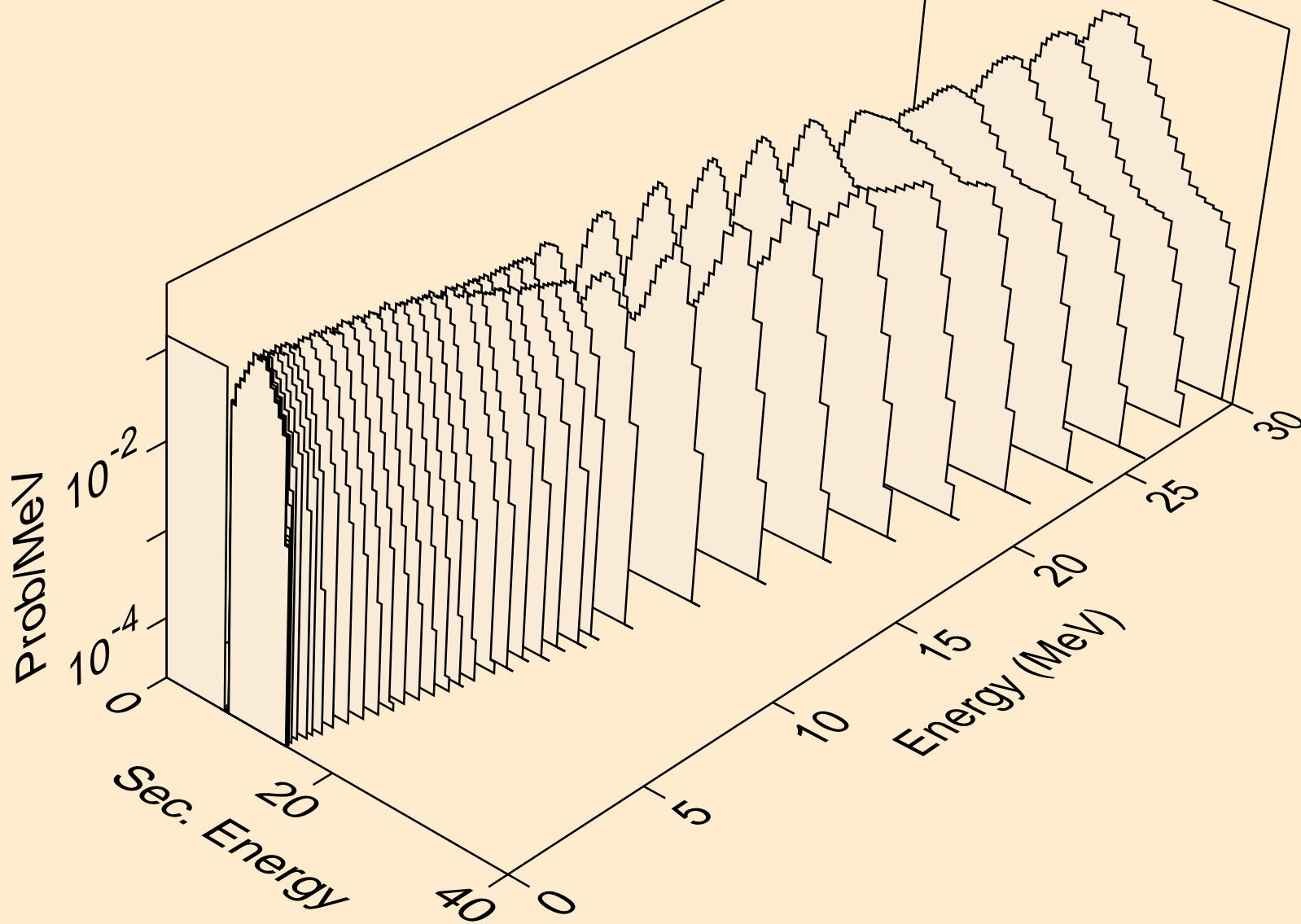
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



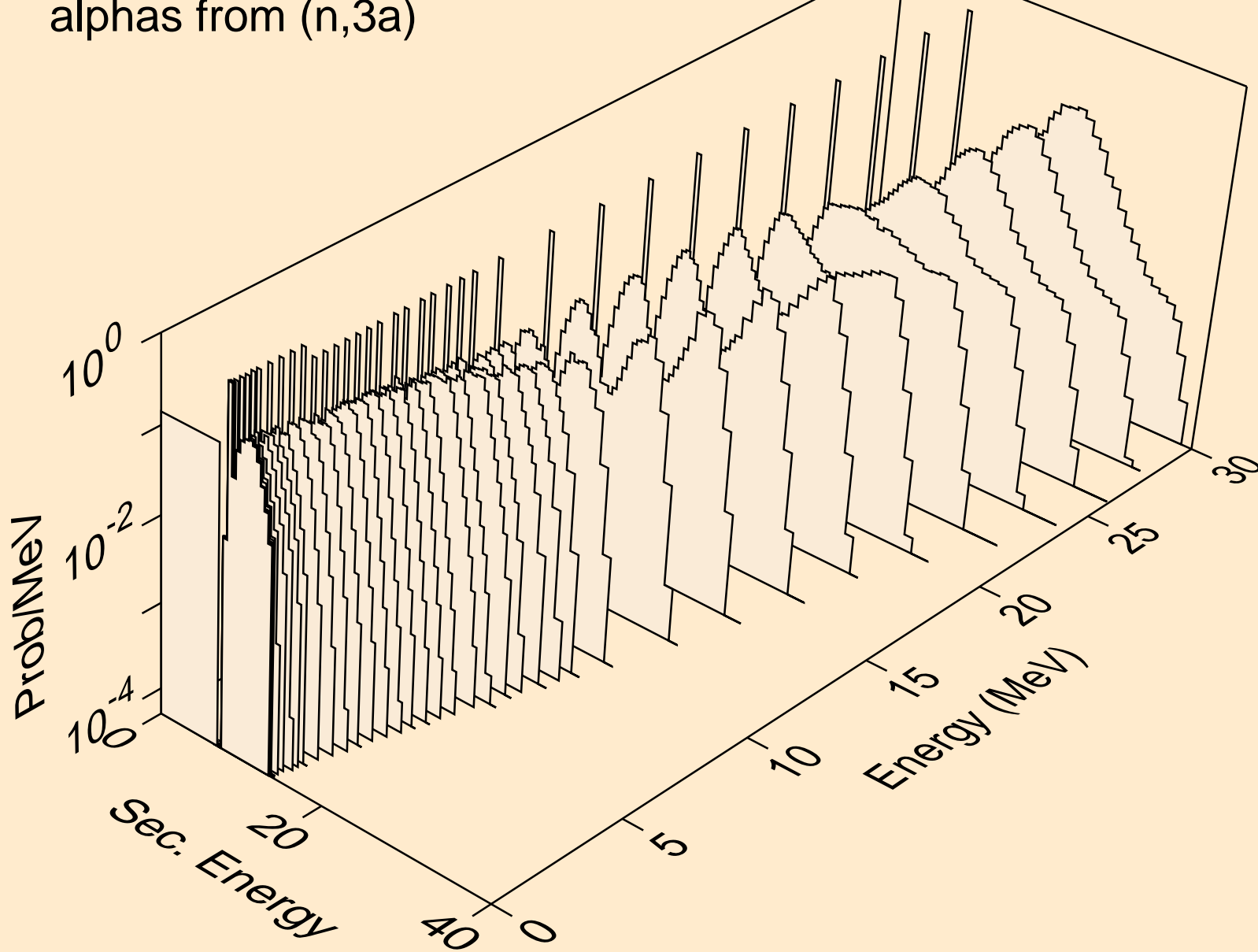
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



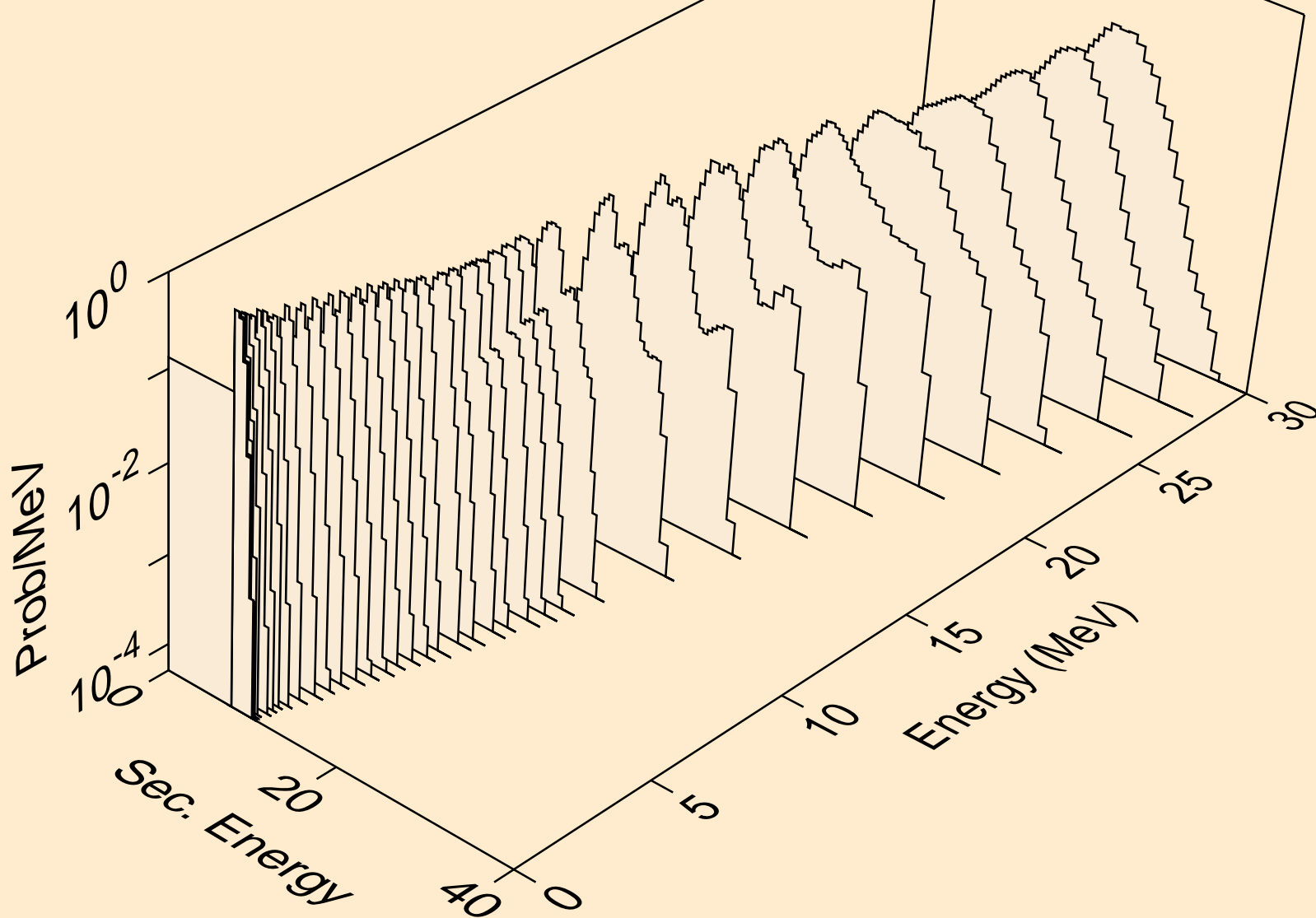
NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



NP228 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

