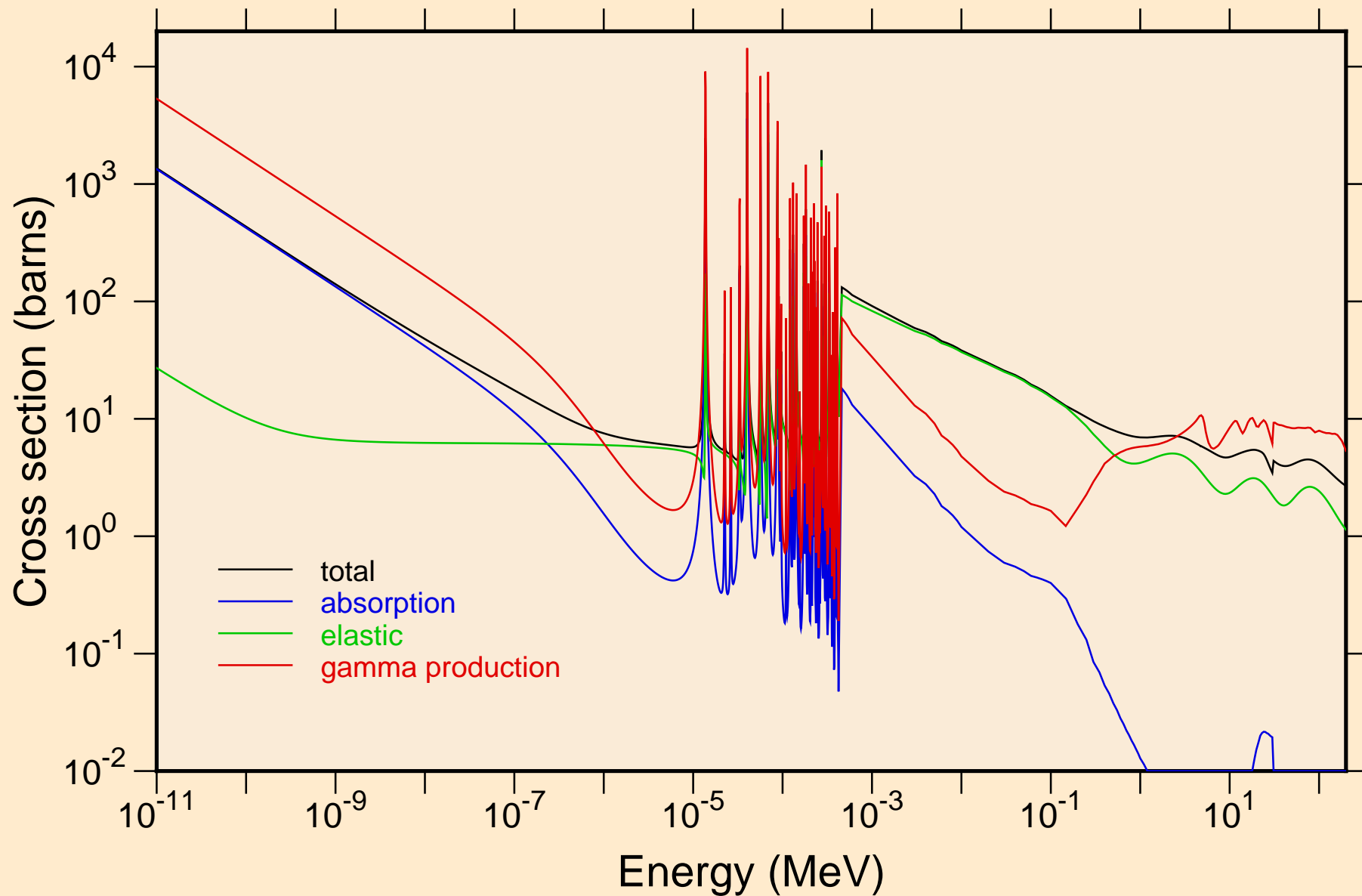
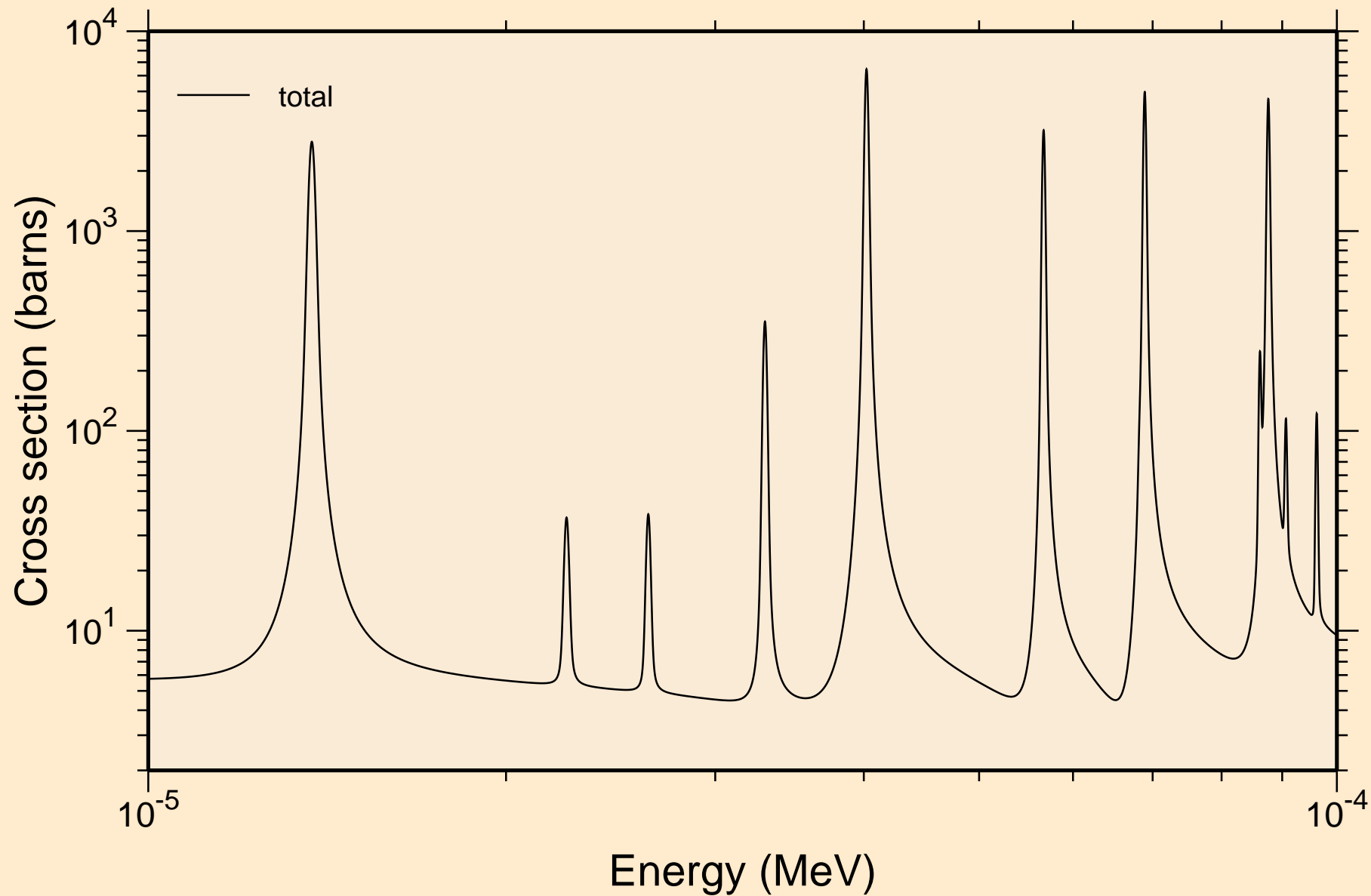


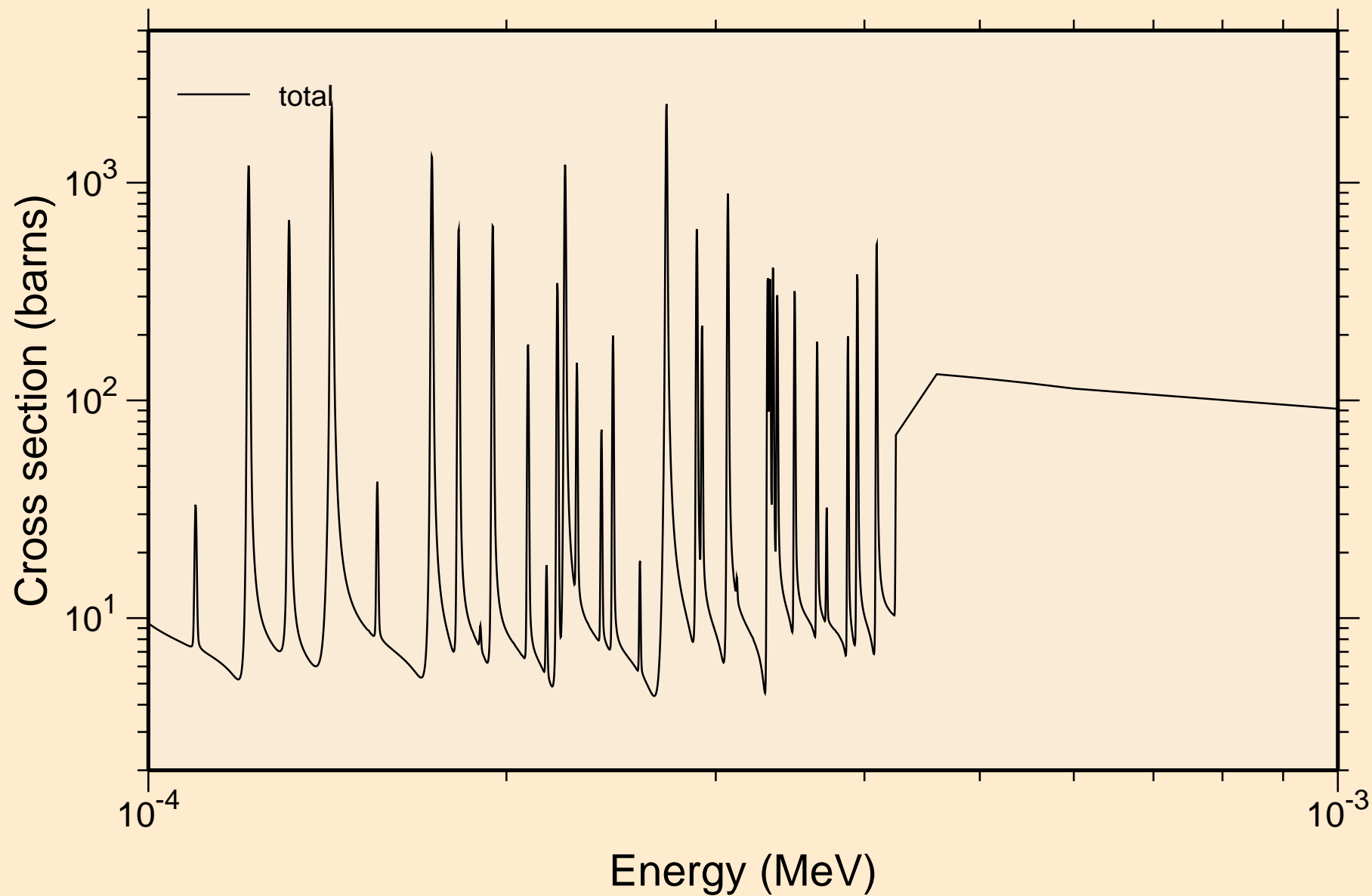
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



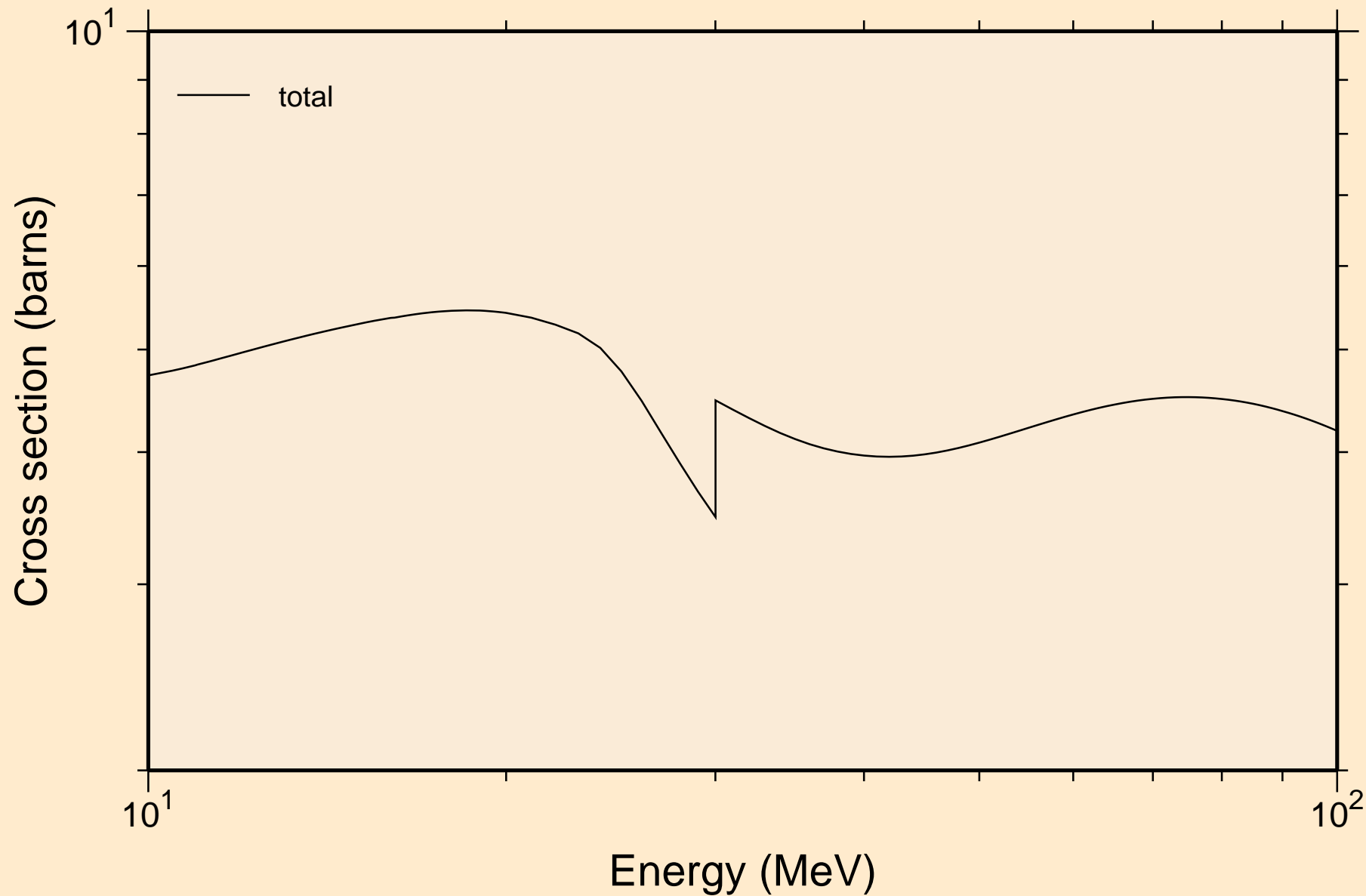
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



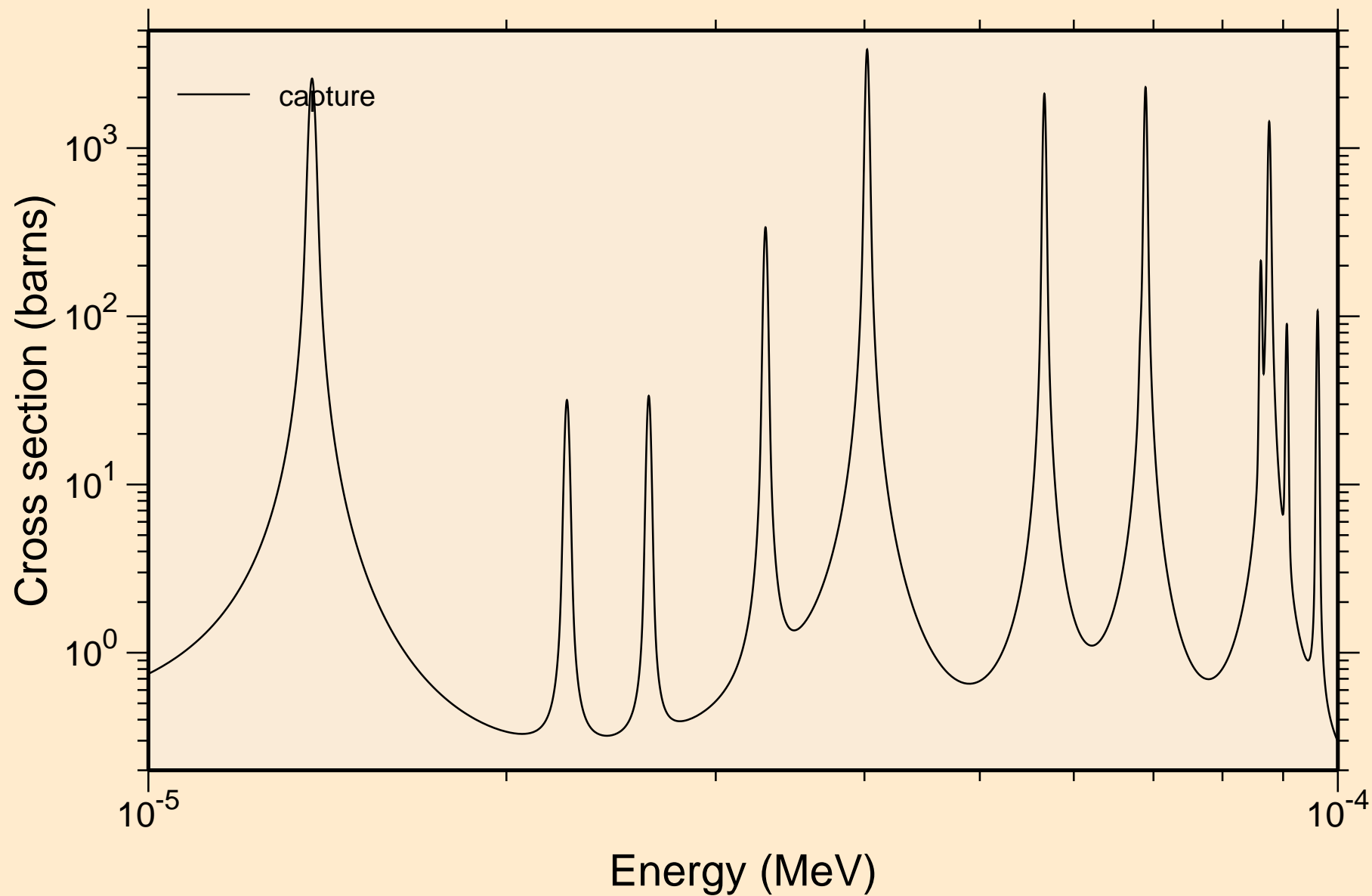
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



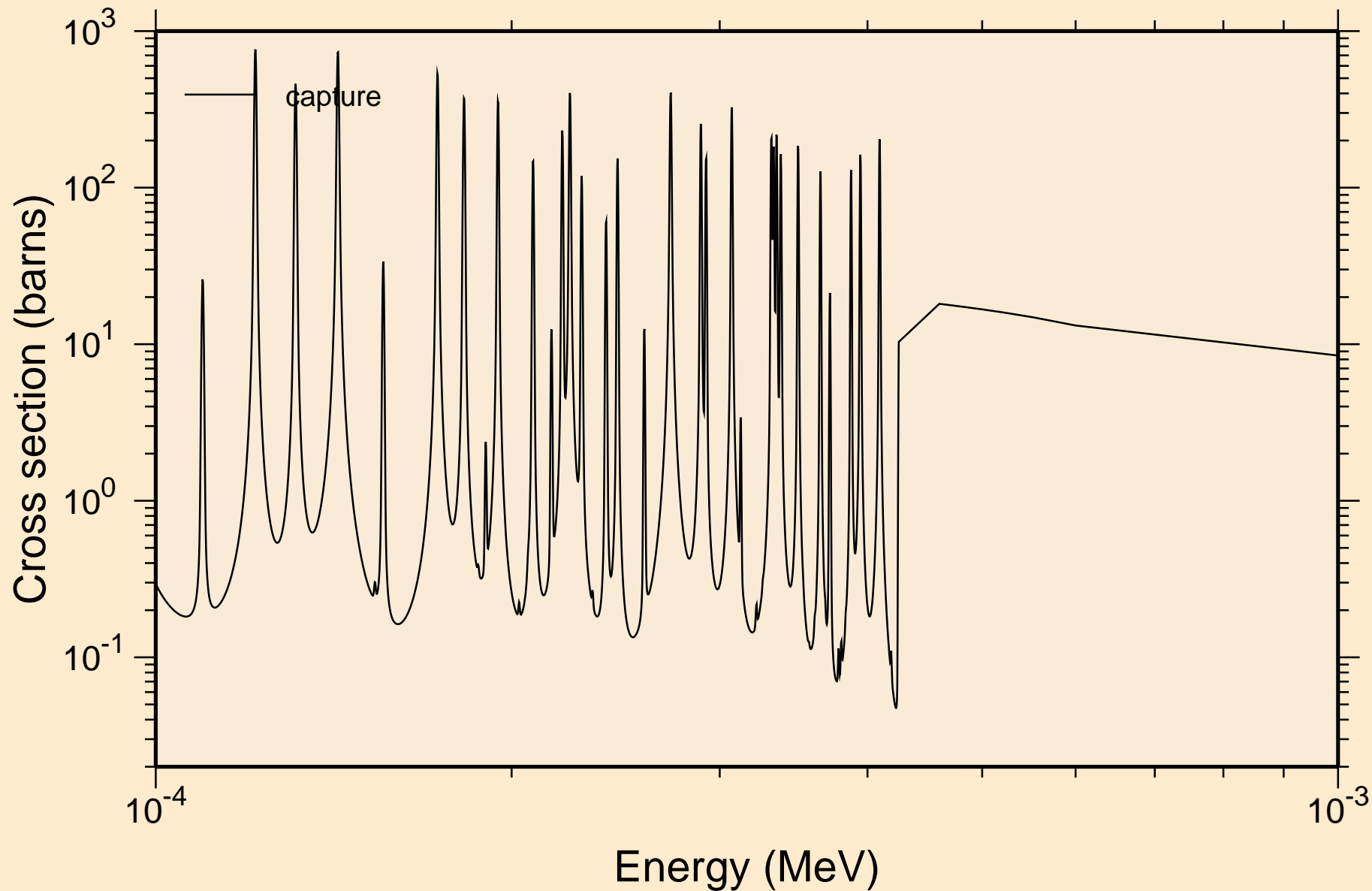
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



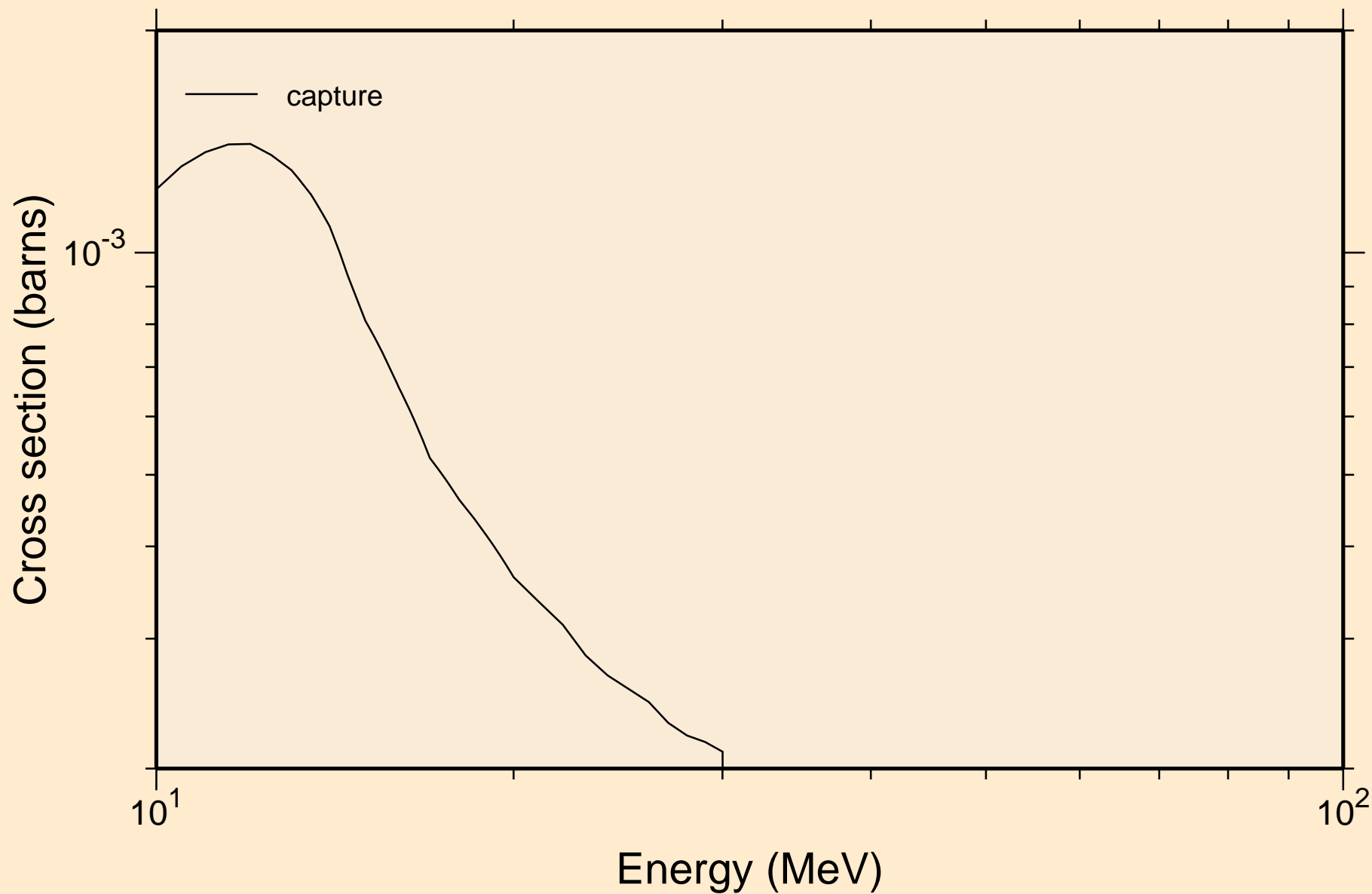
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



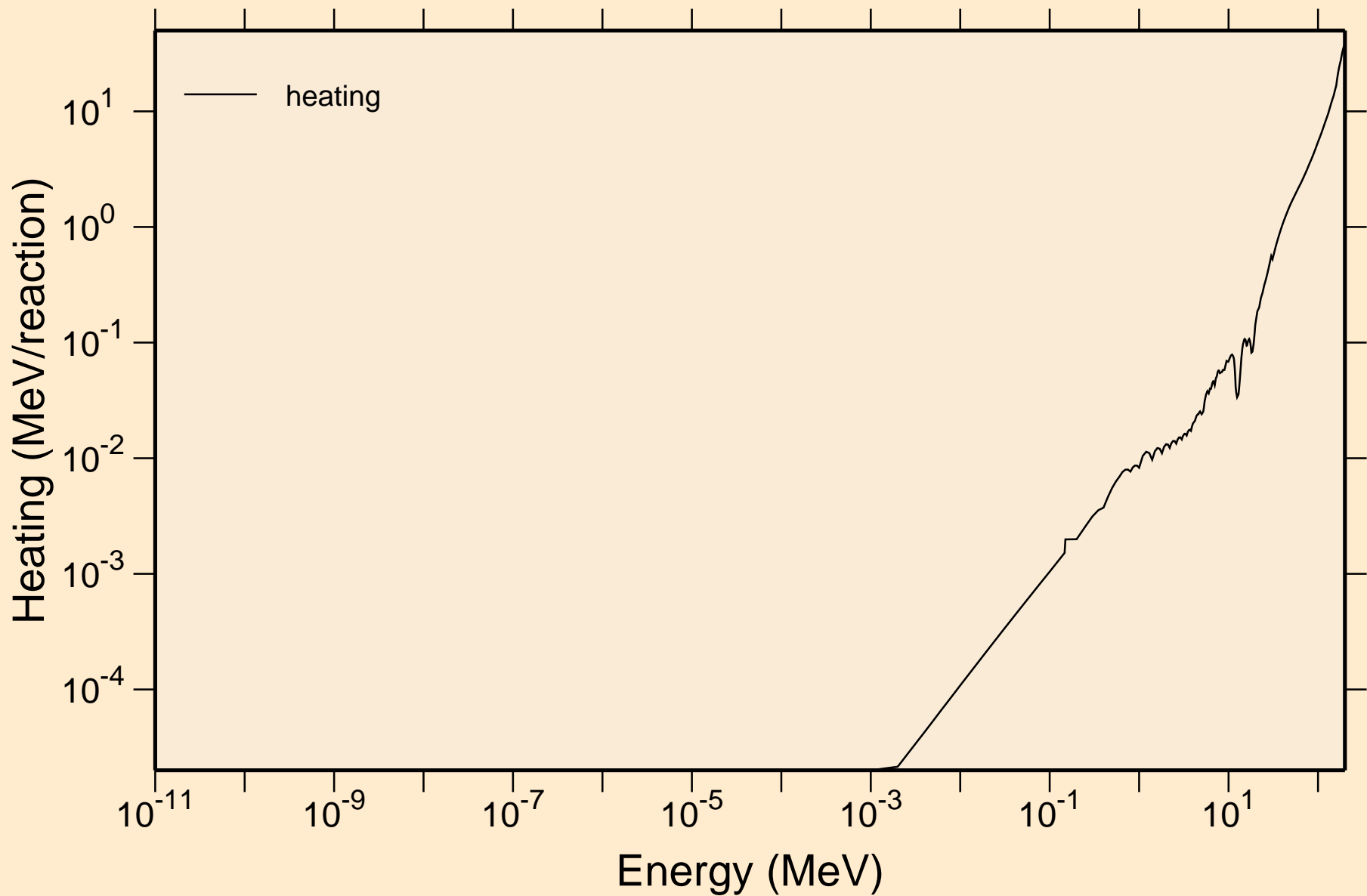
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



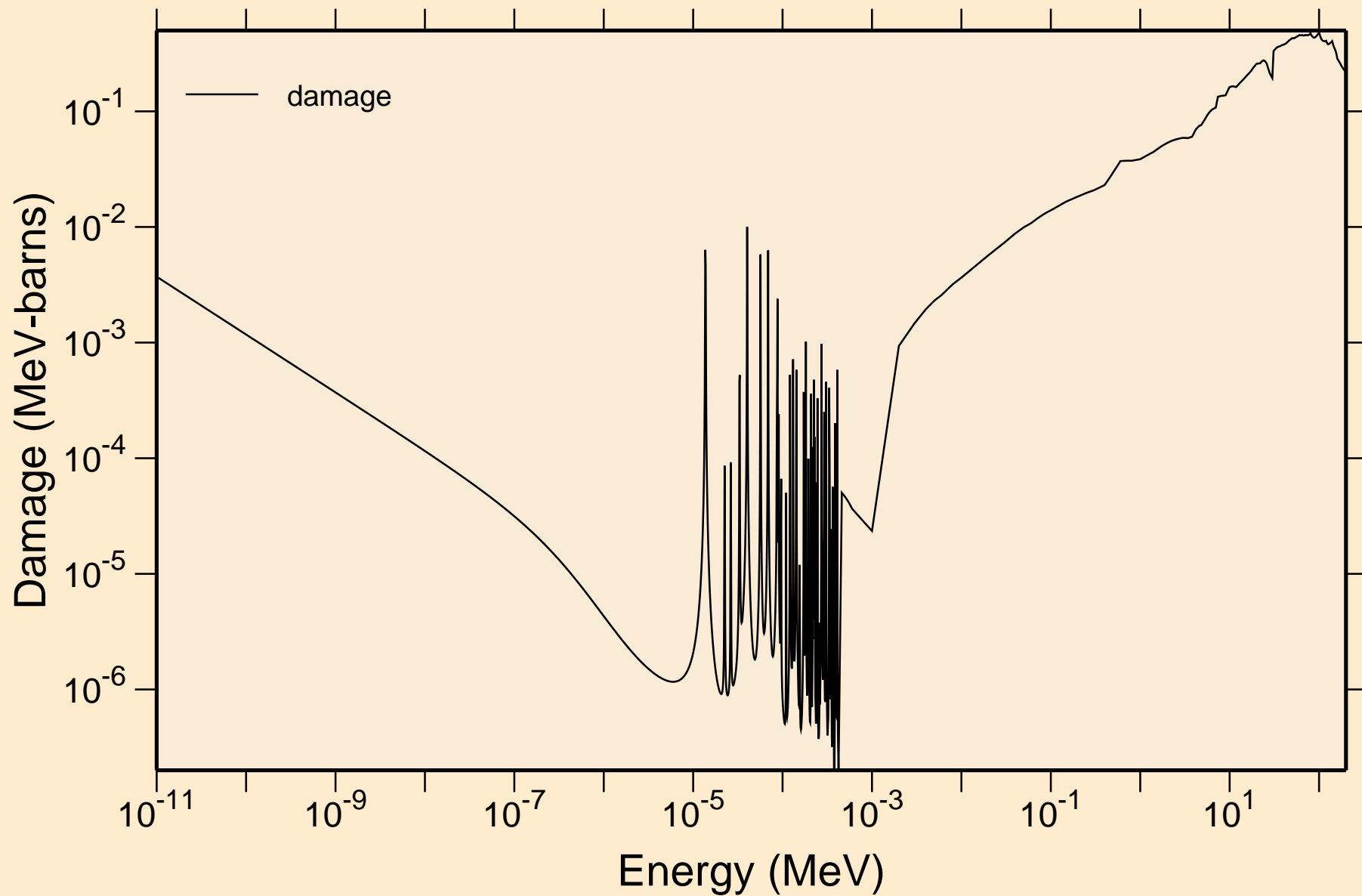
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



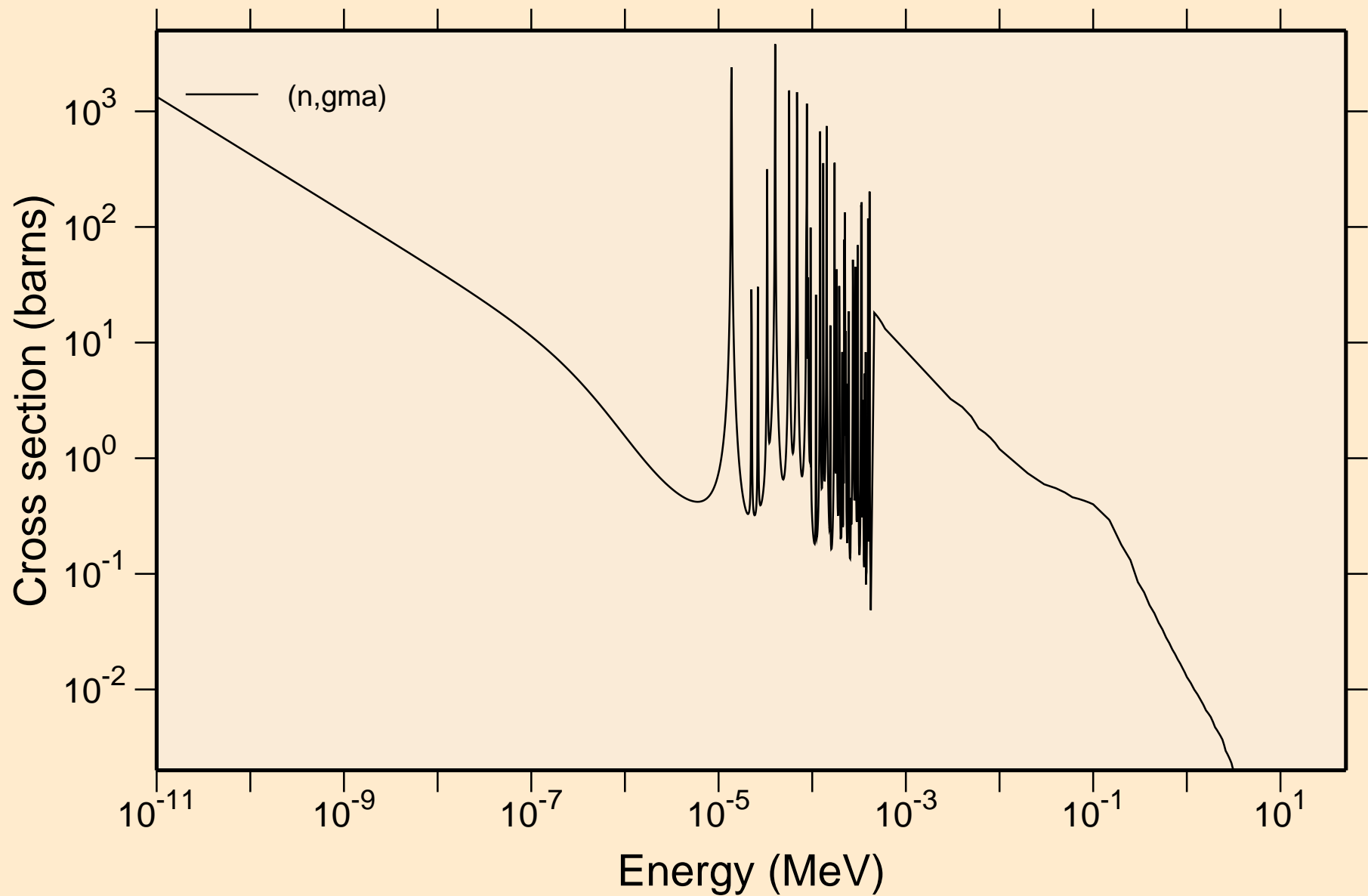
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



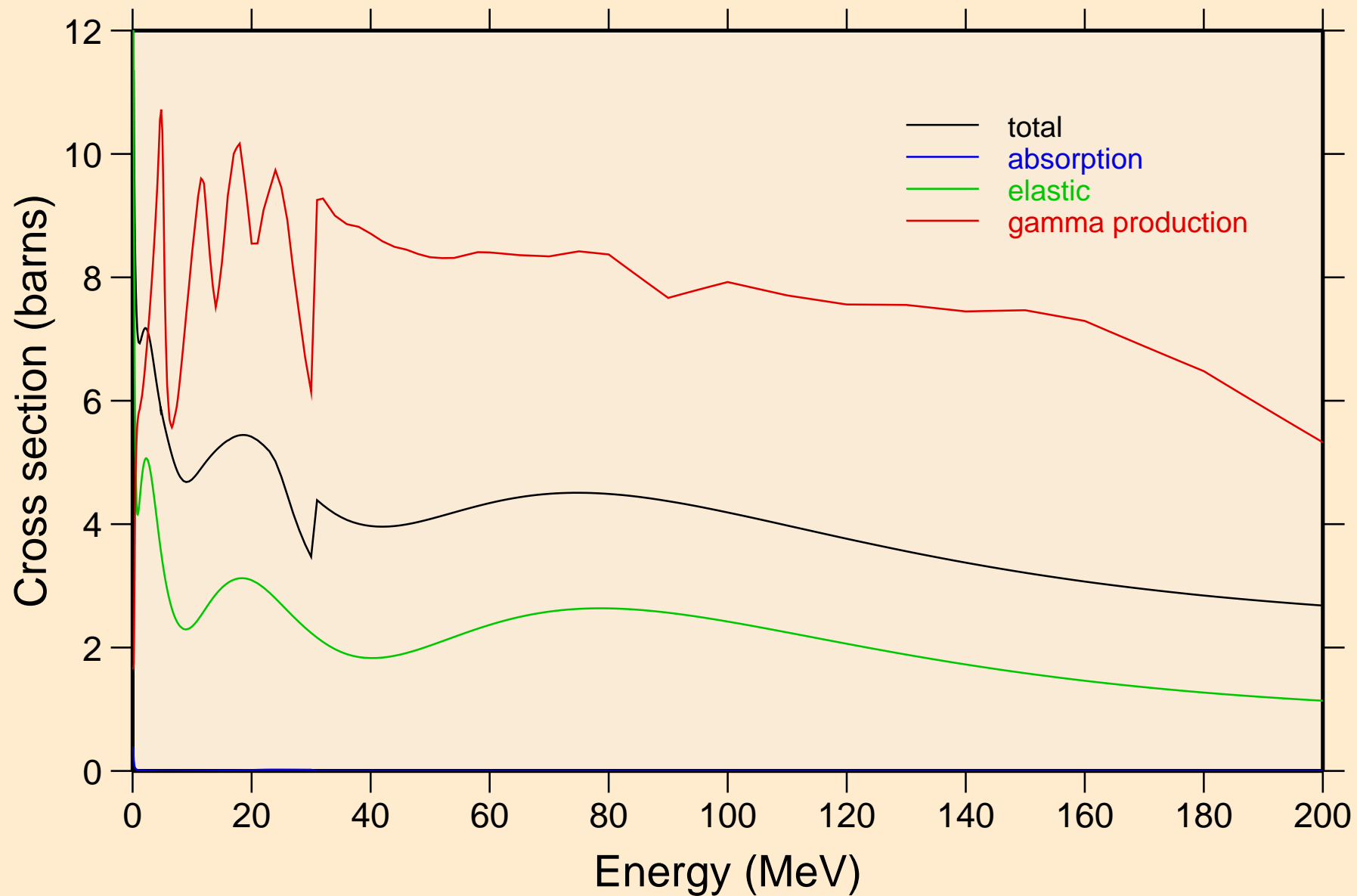
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



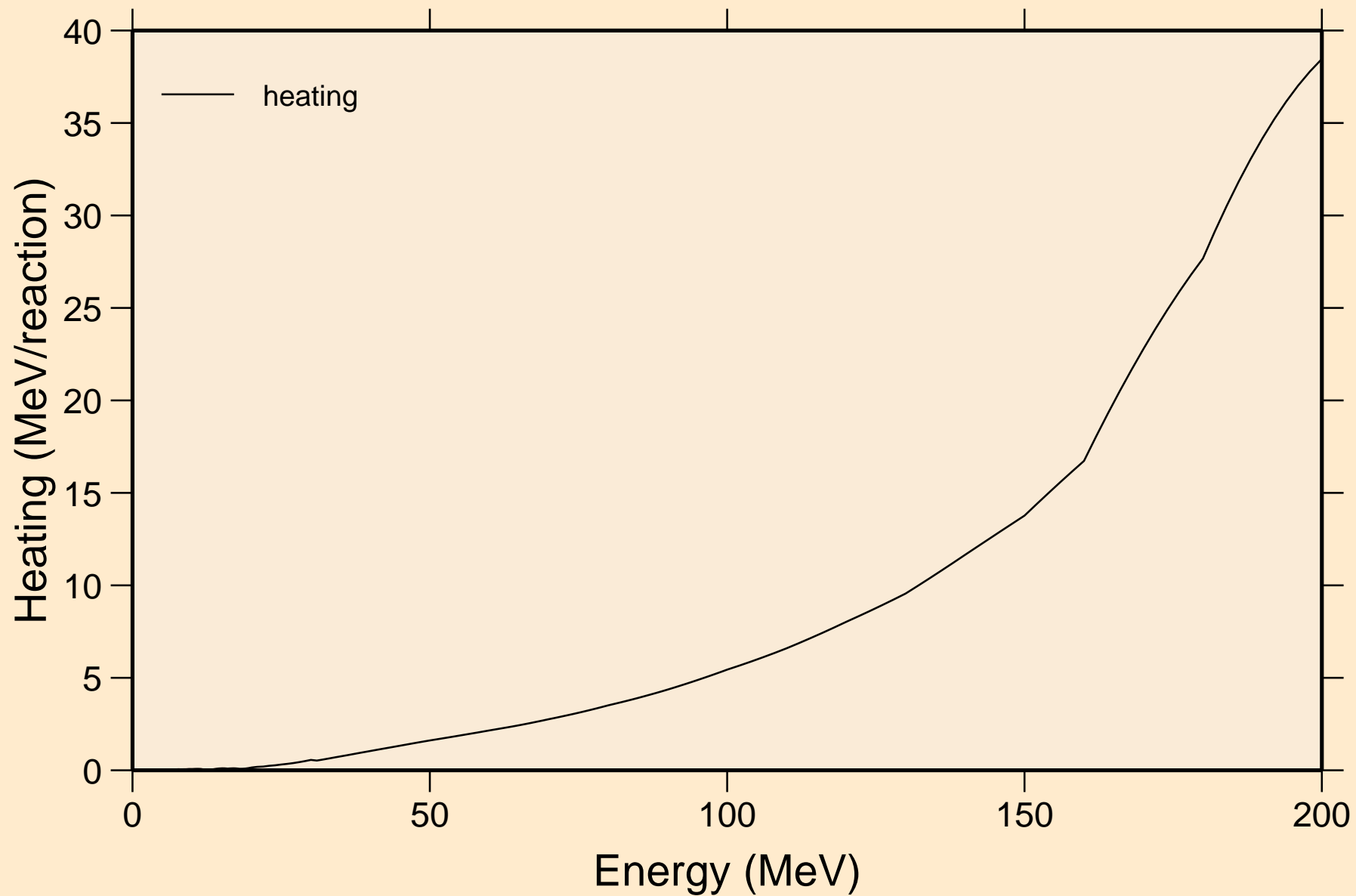
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



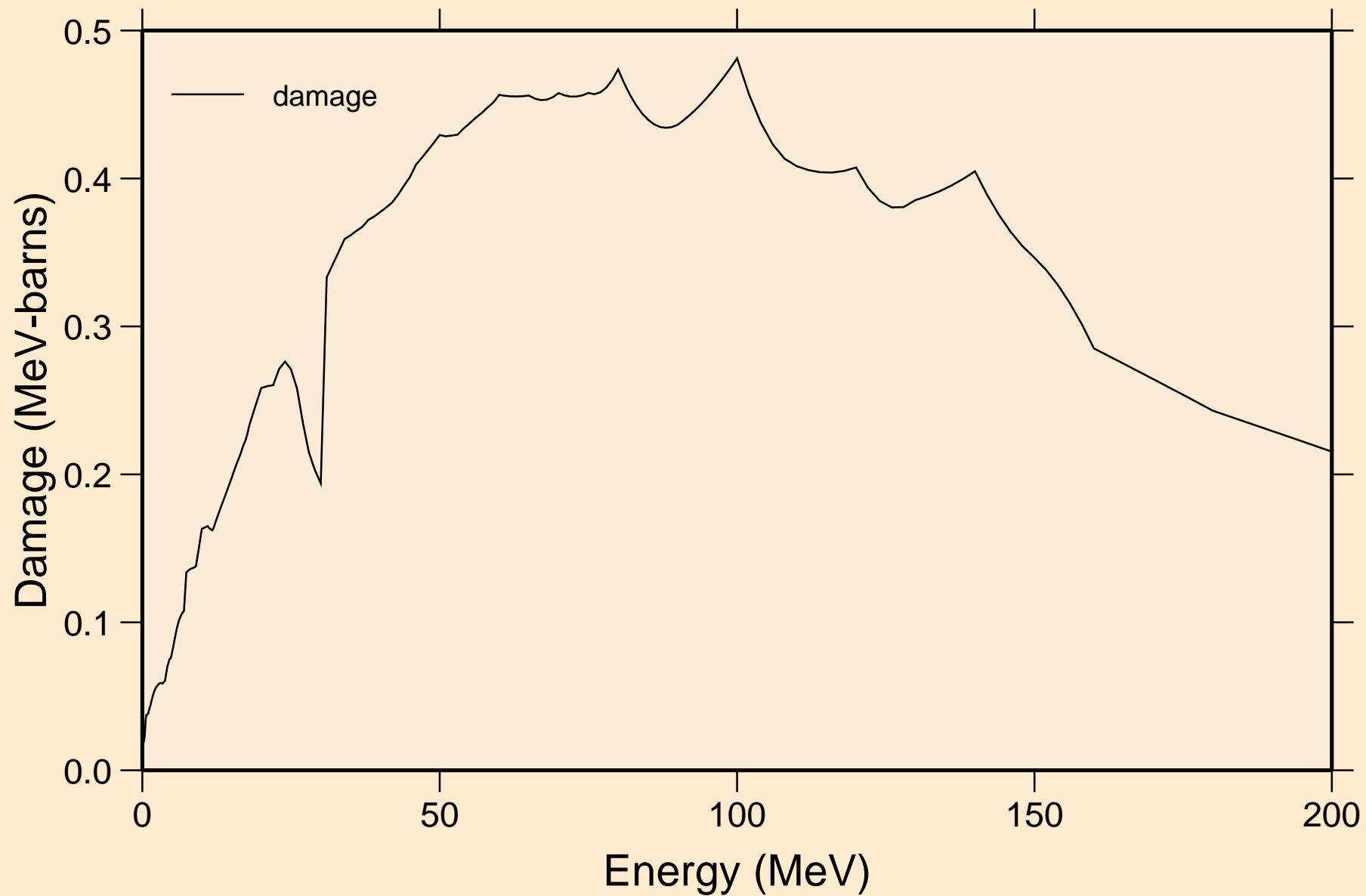
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



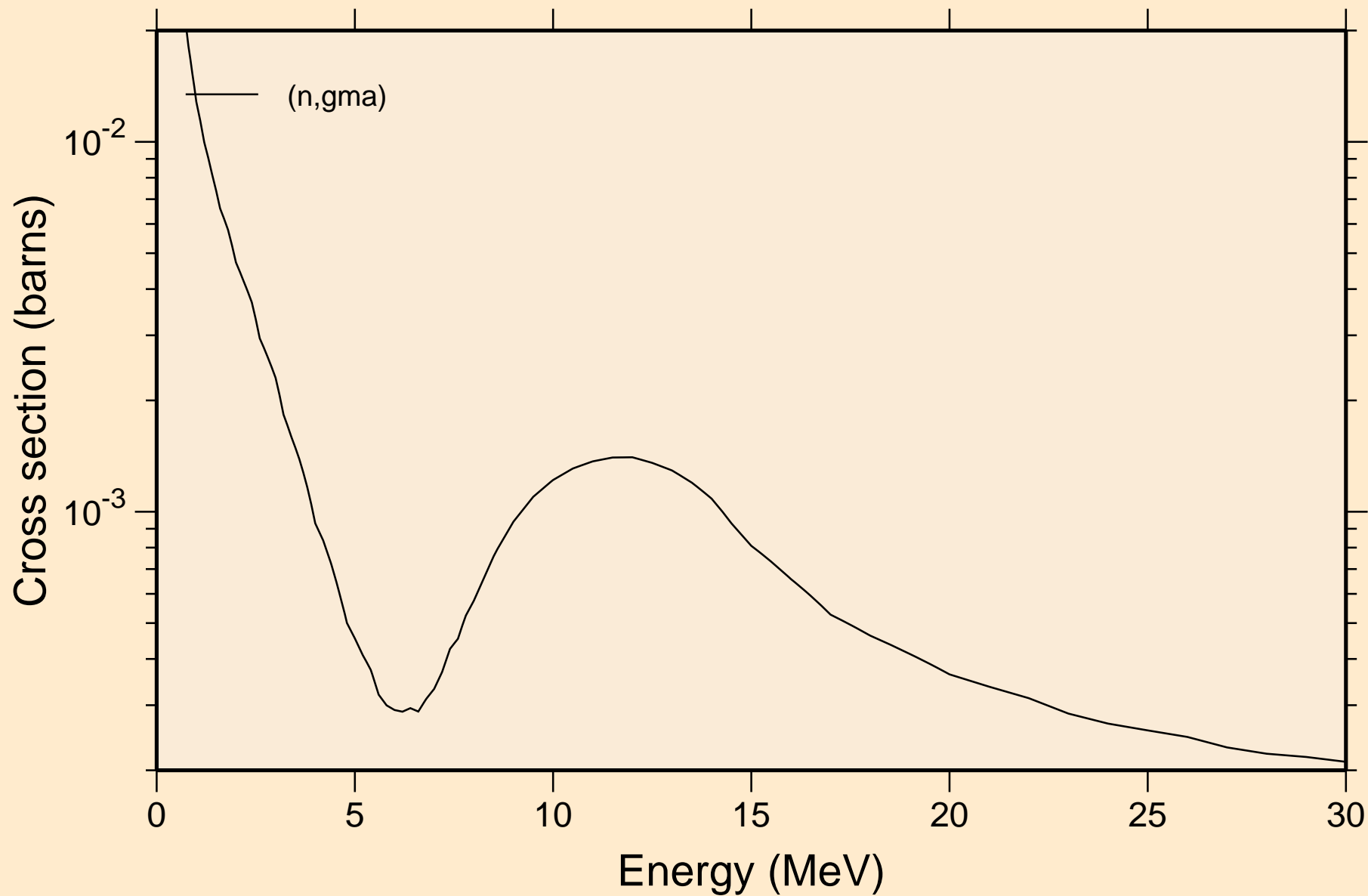
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



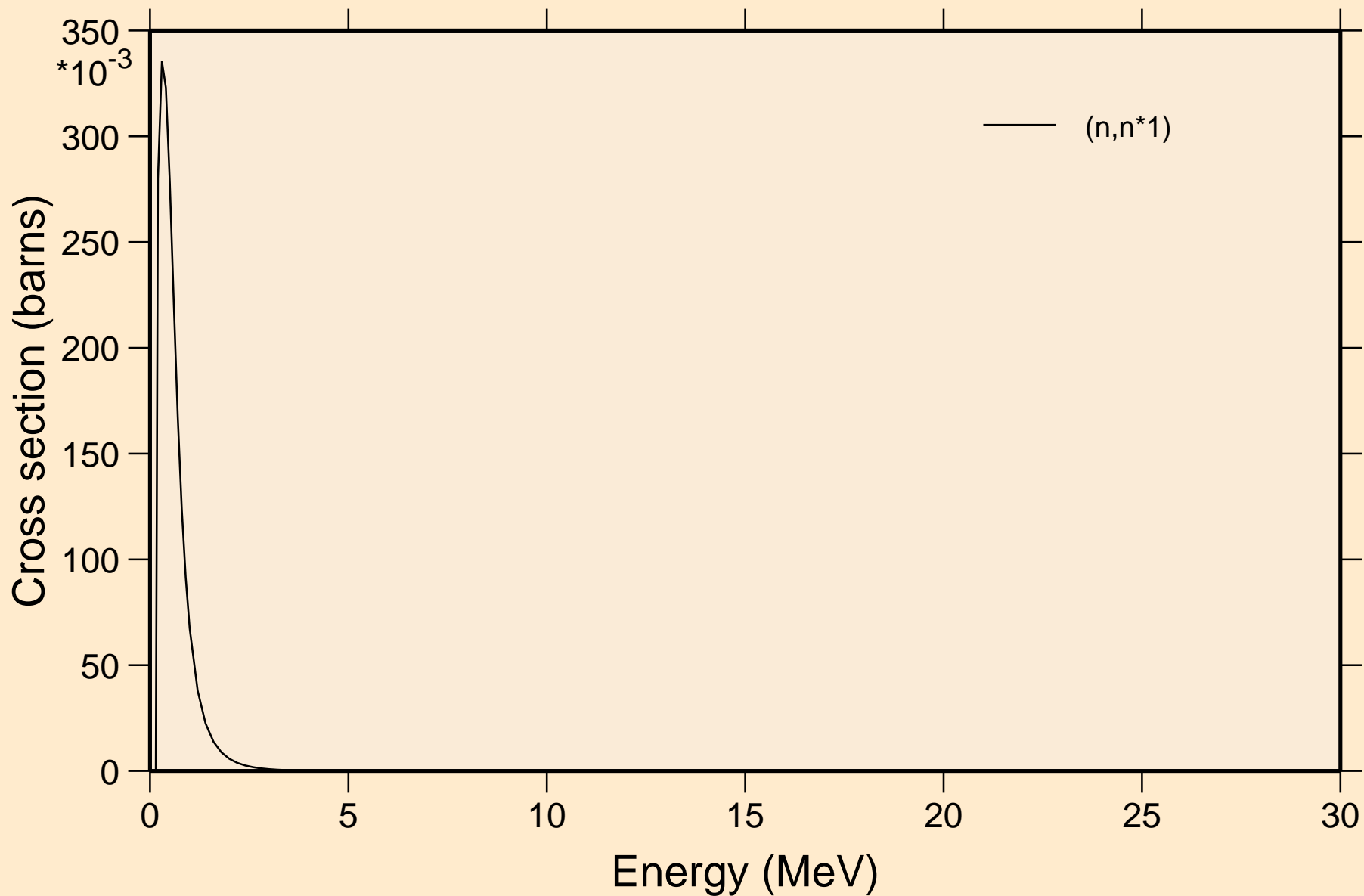
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



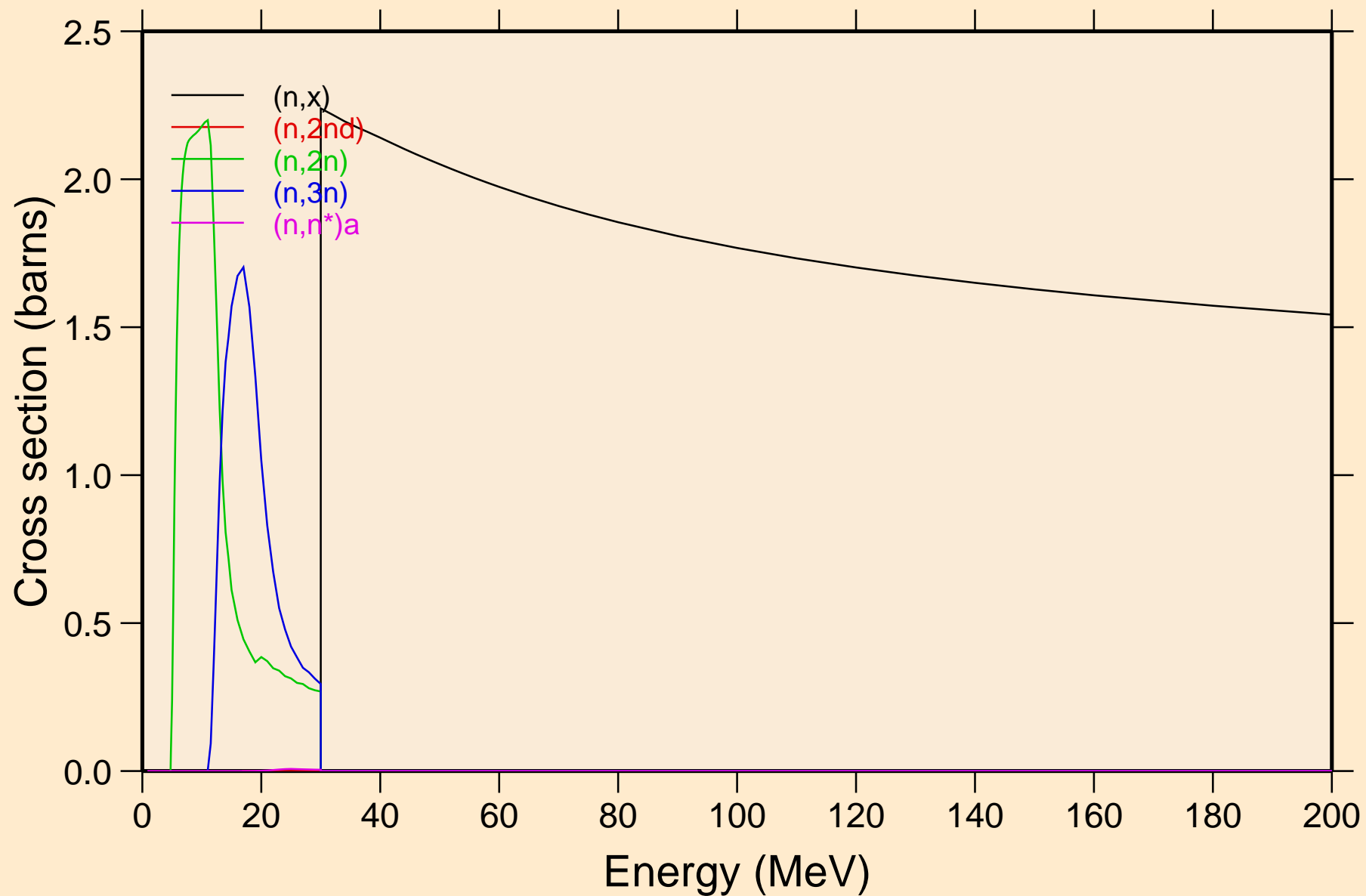
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



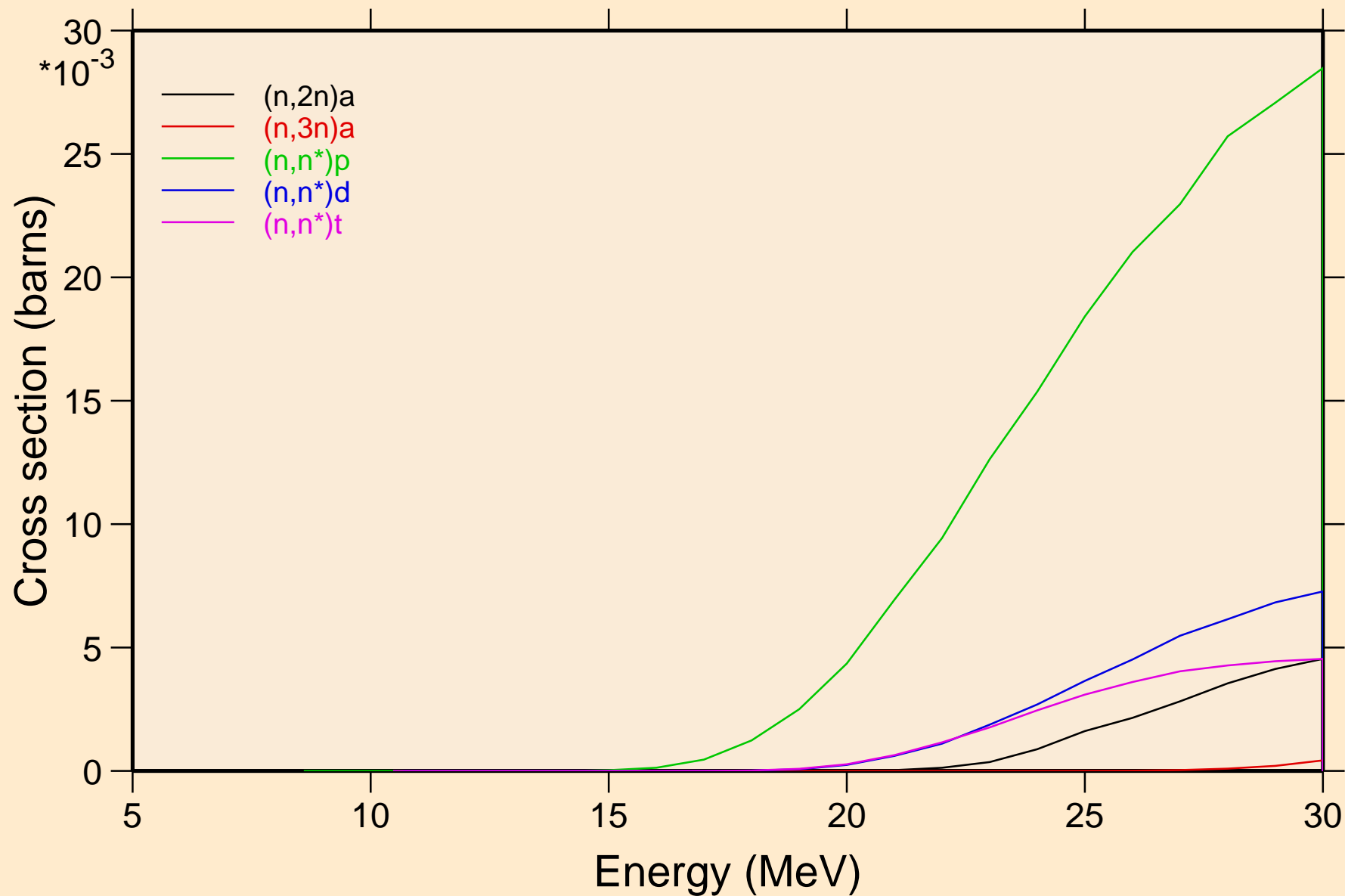
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



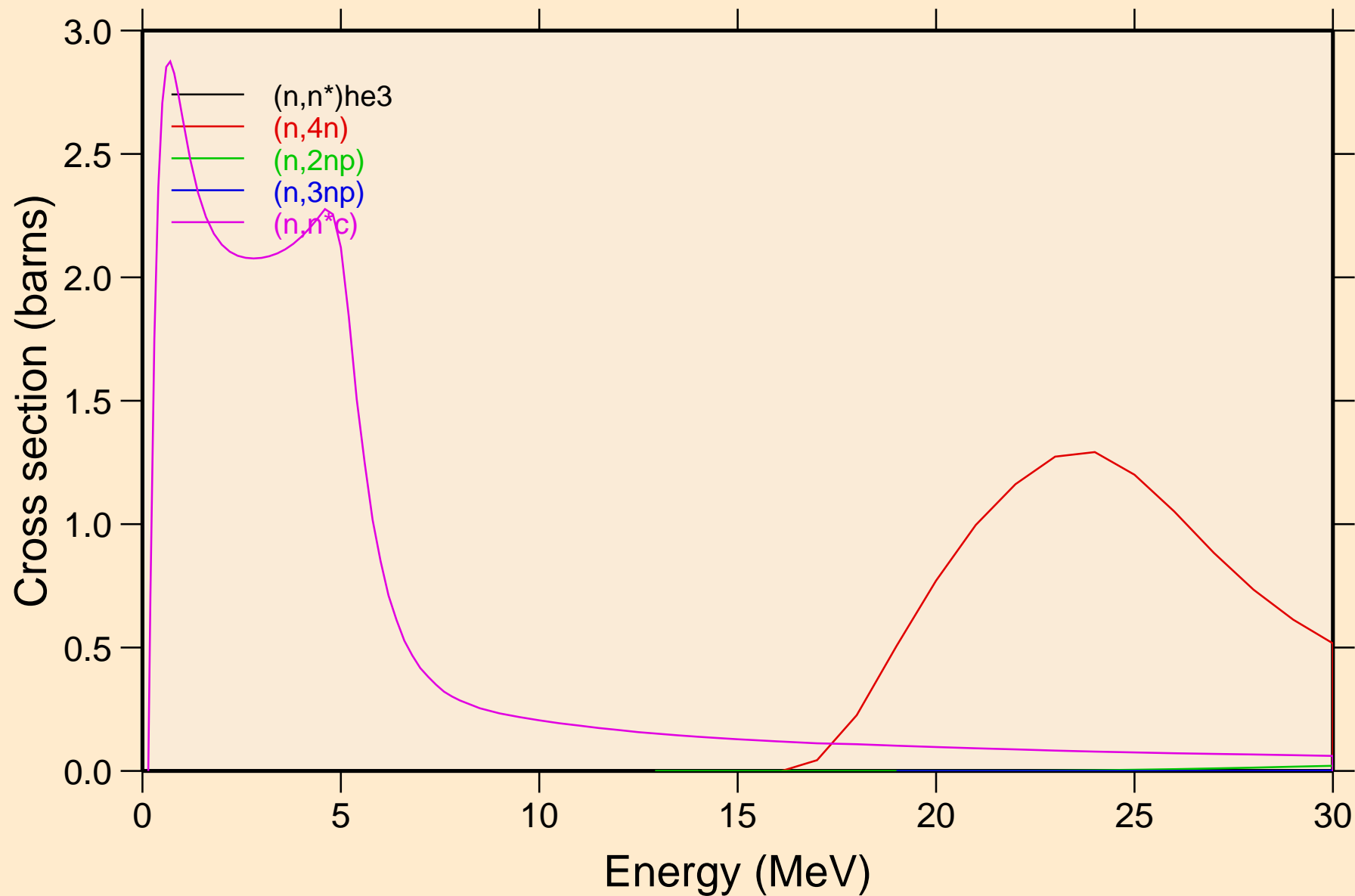
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



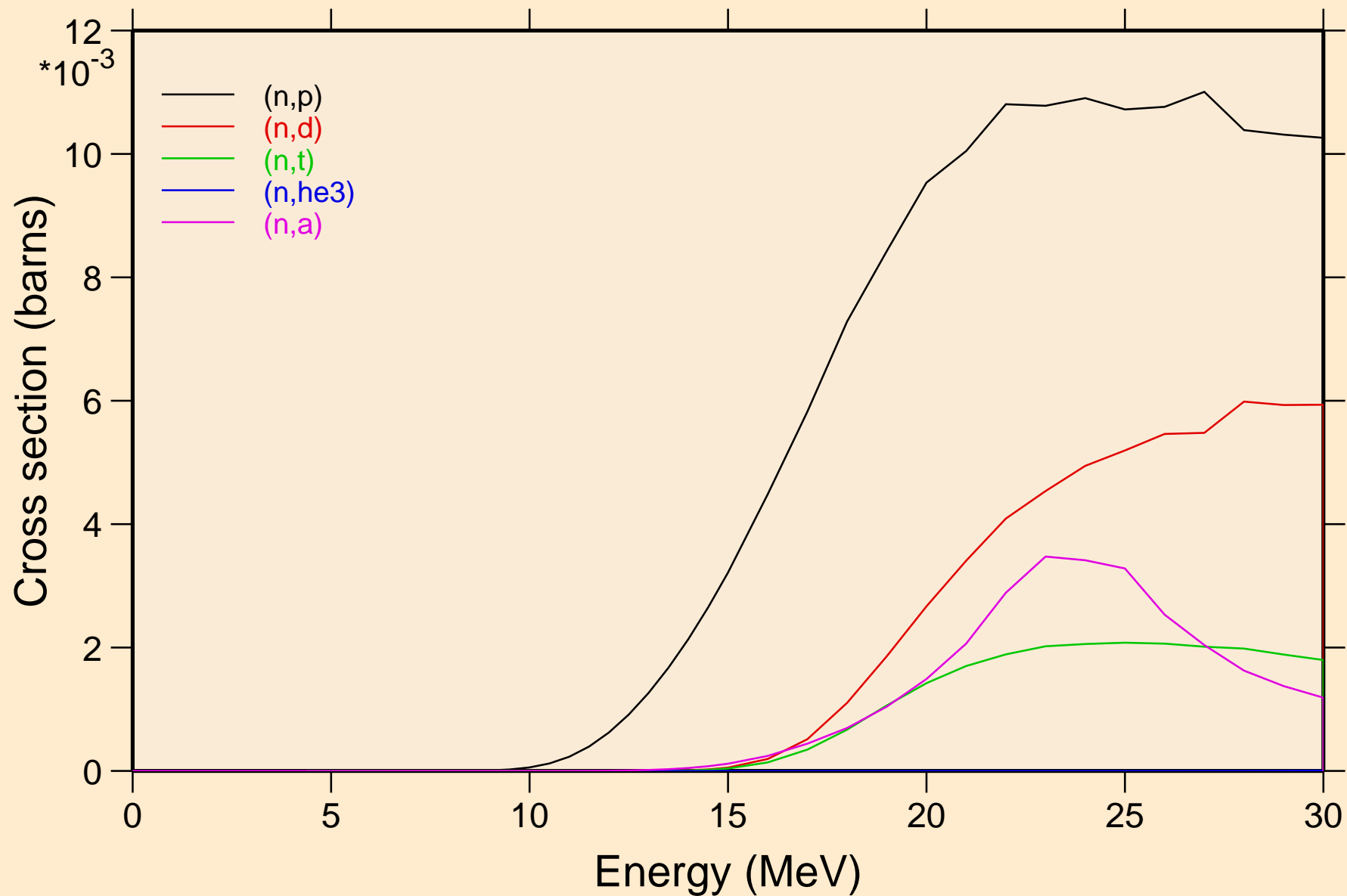
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



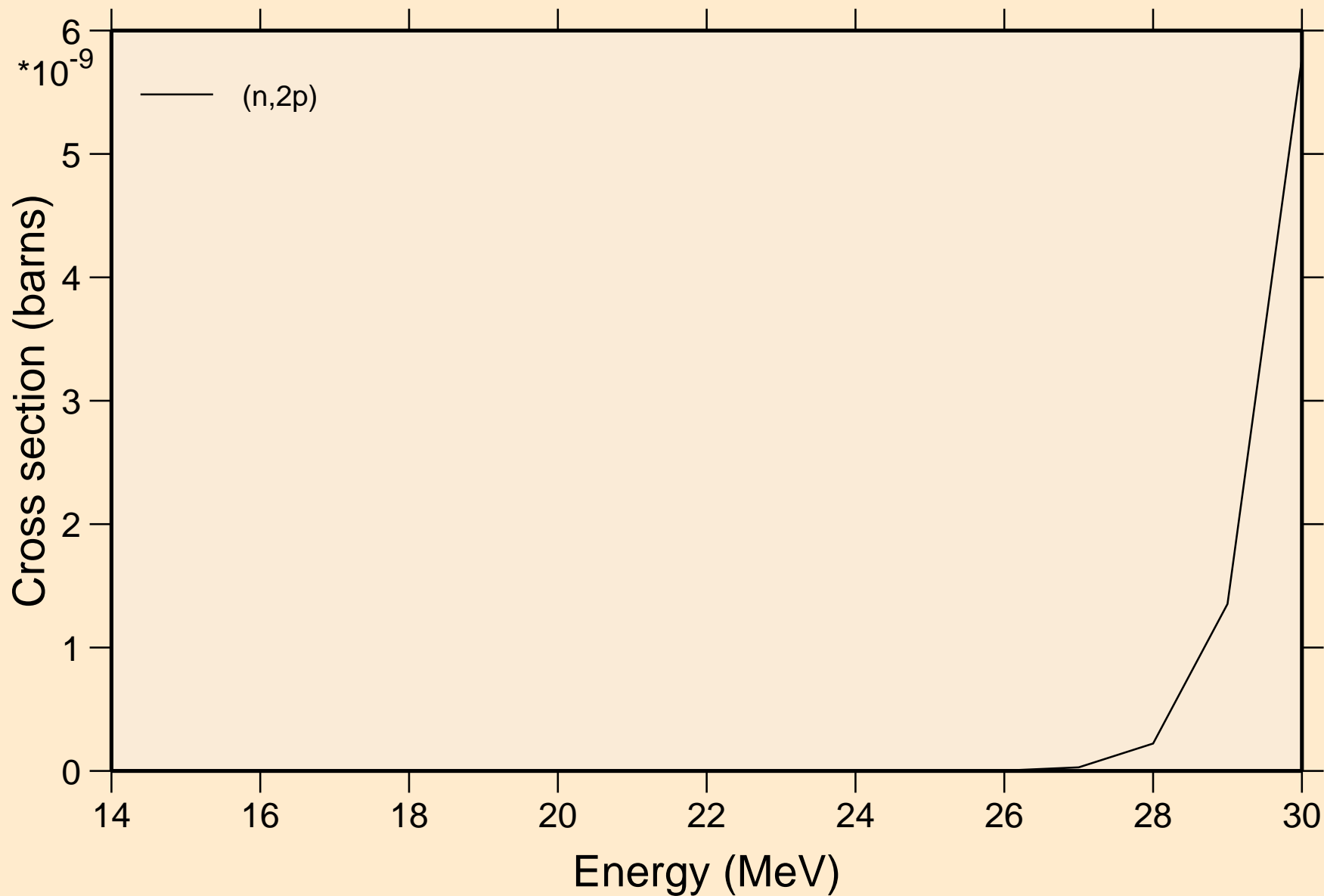
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



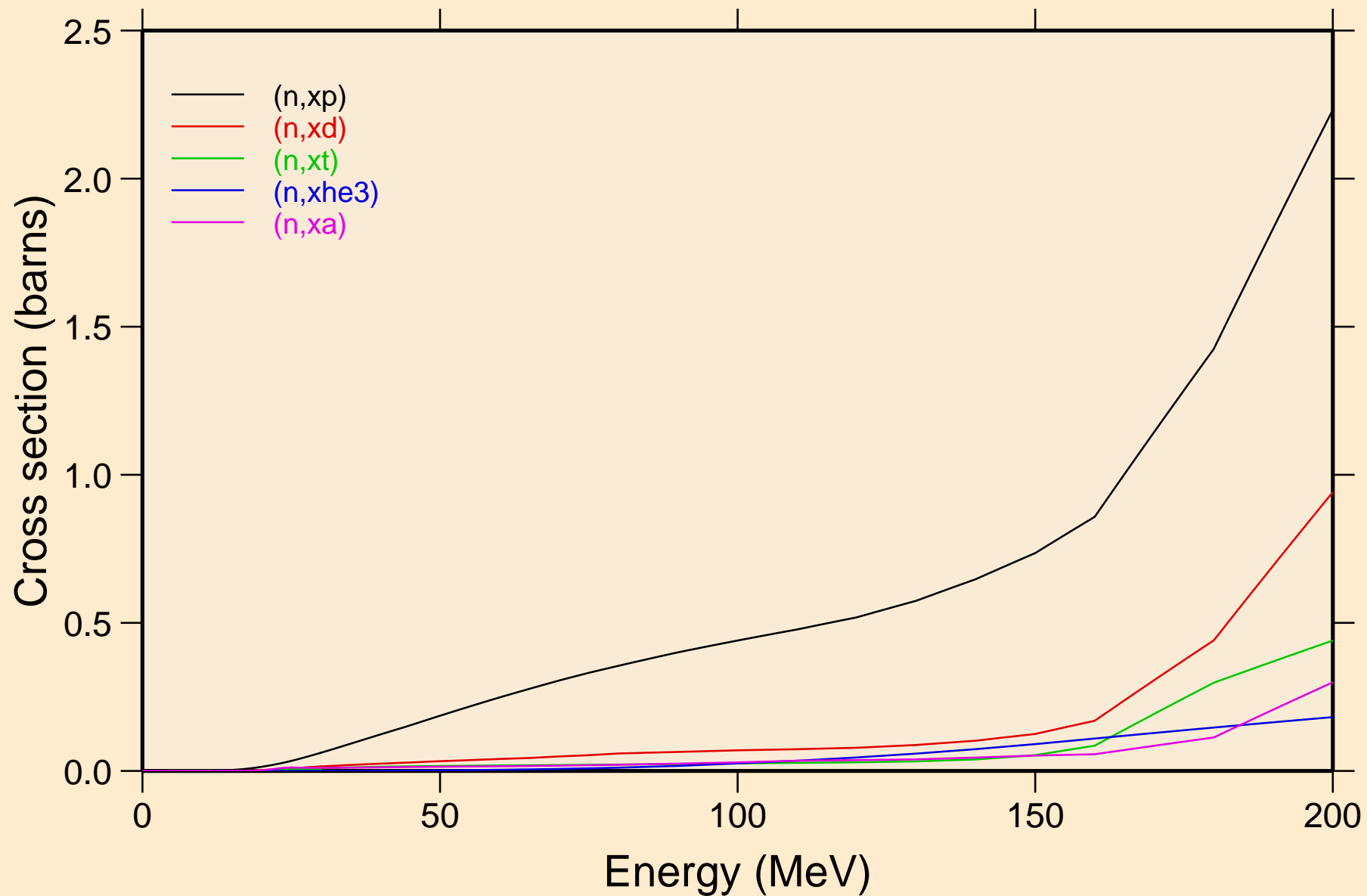
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



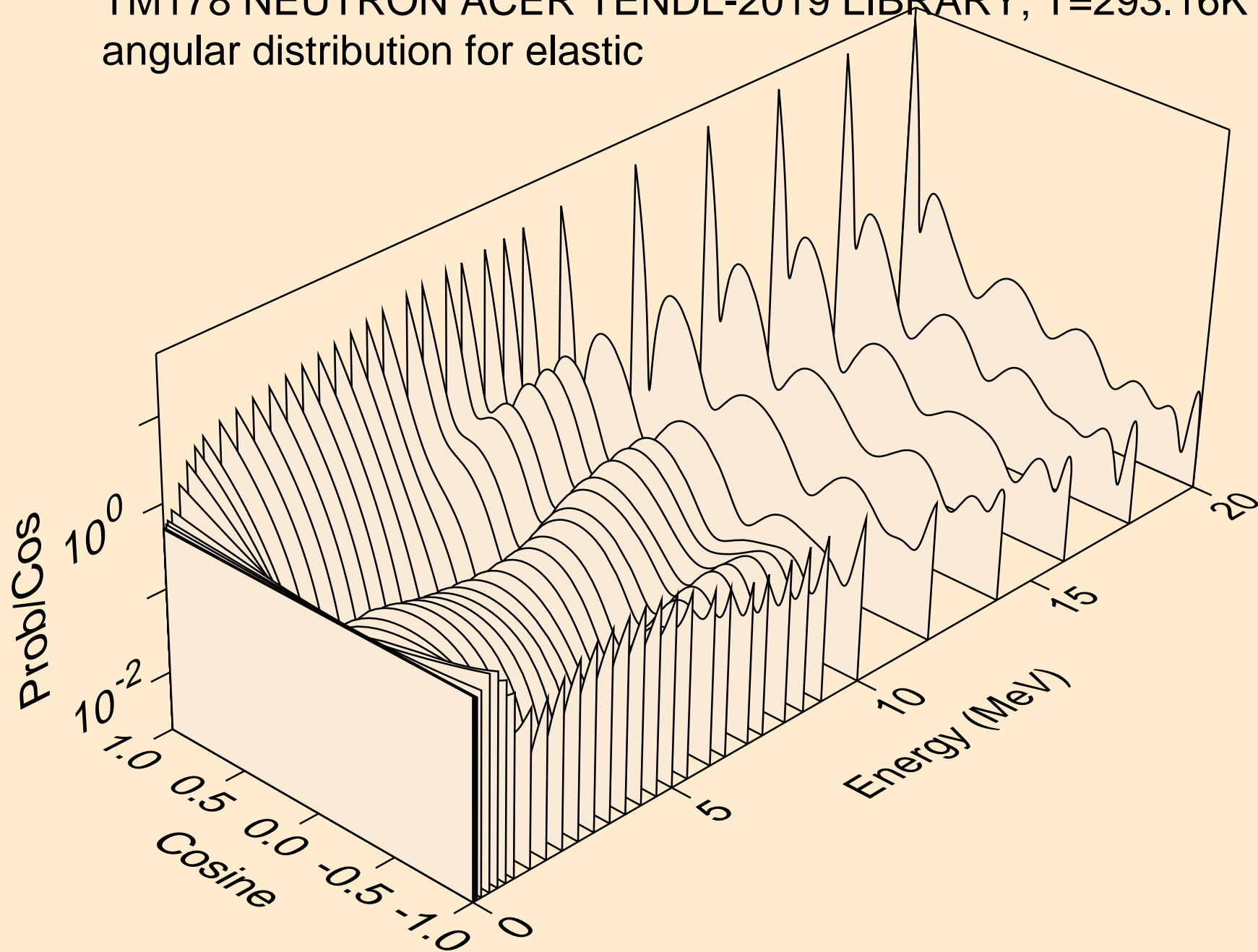
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



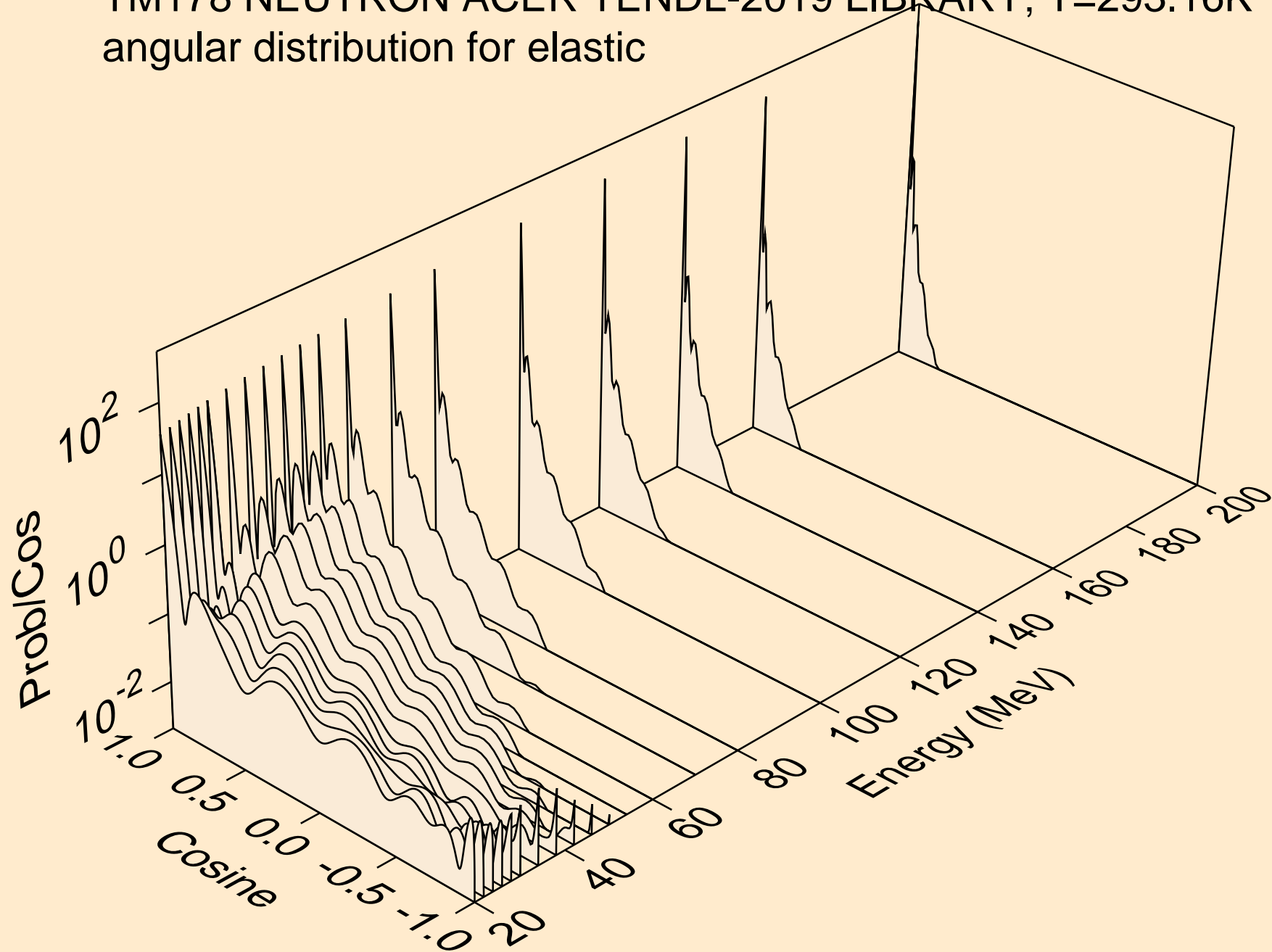
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



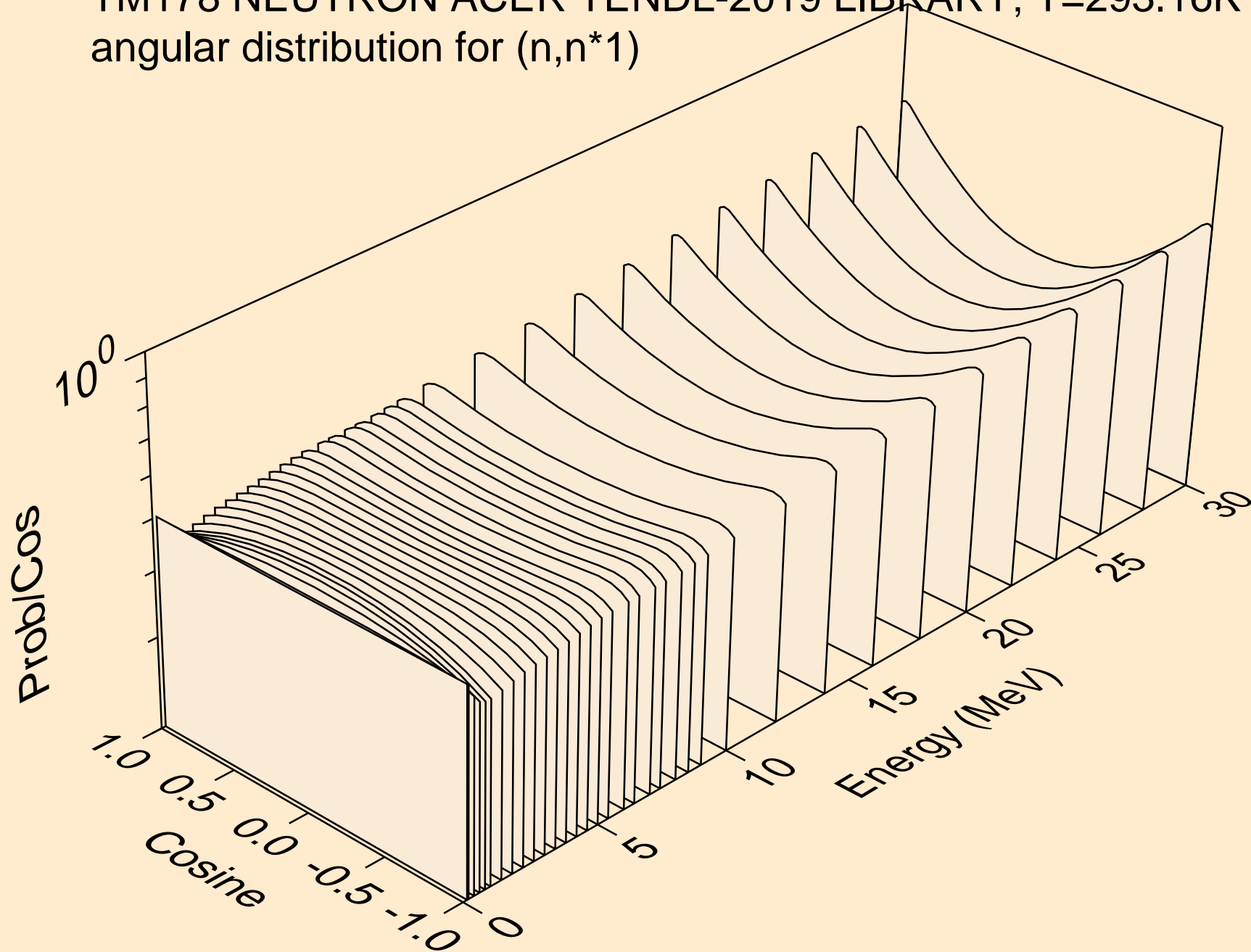
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



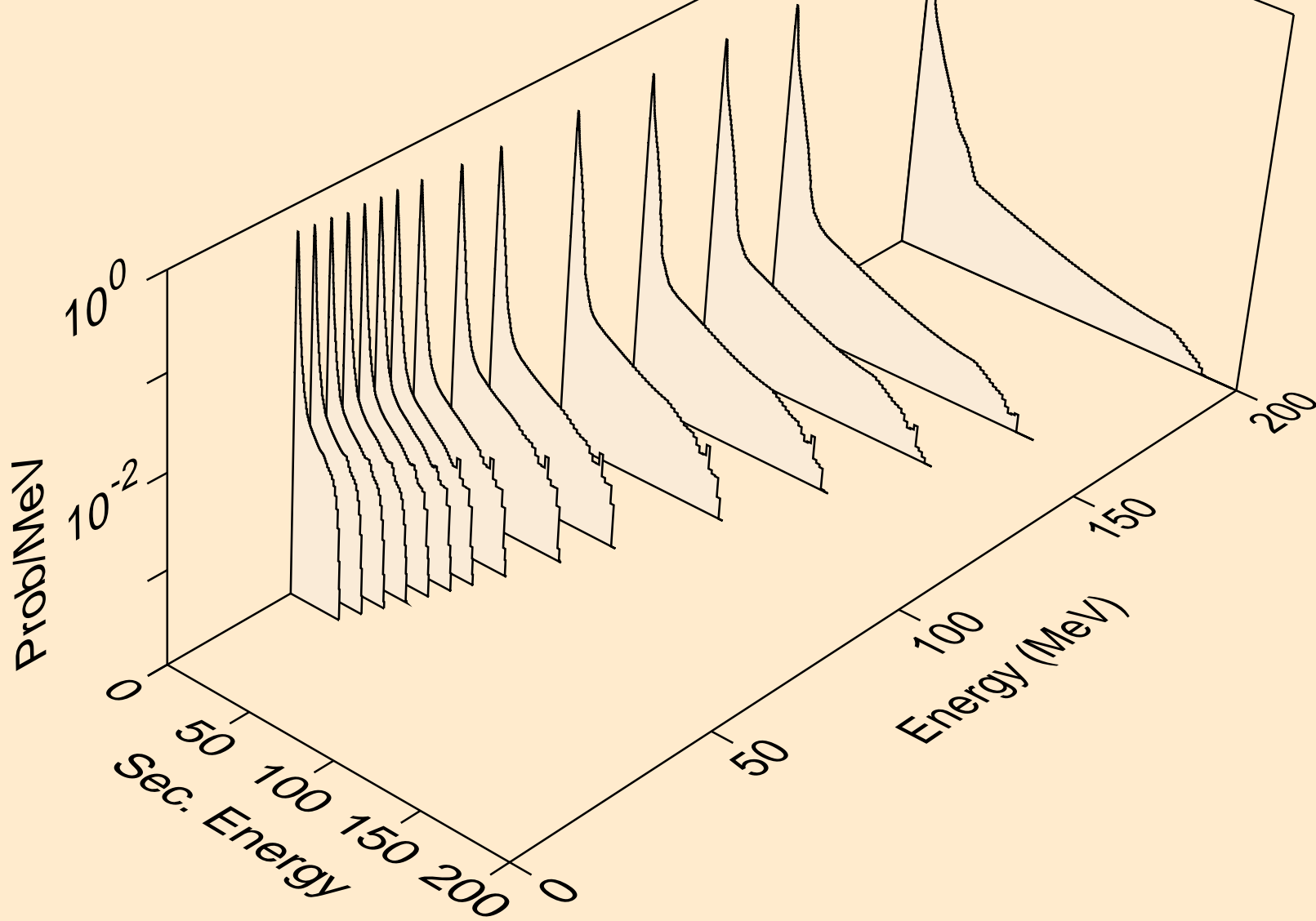
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



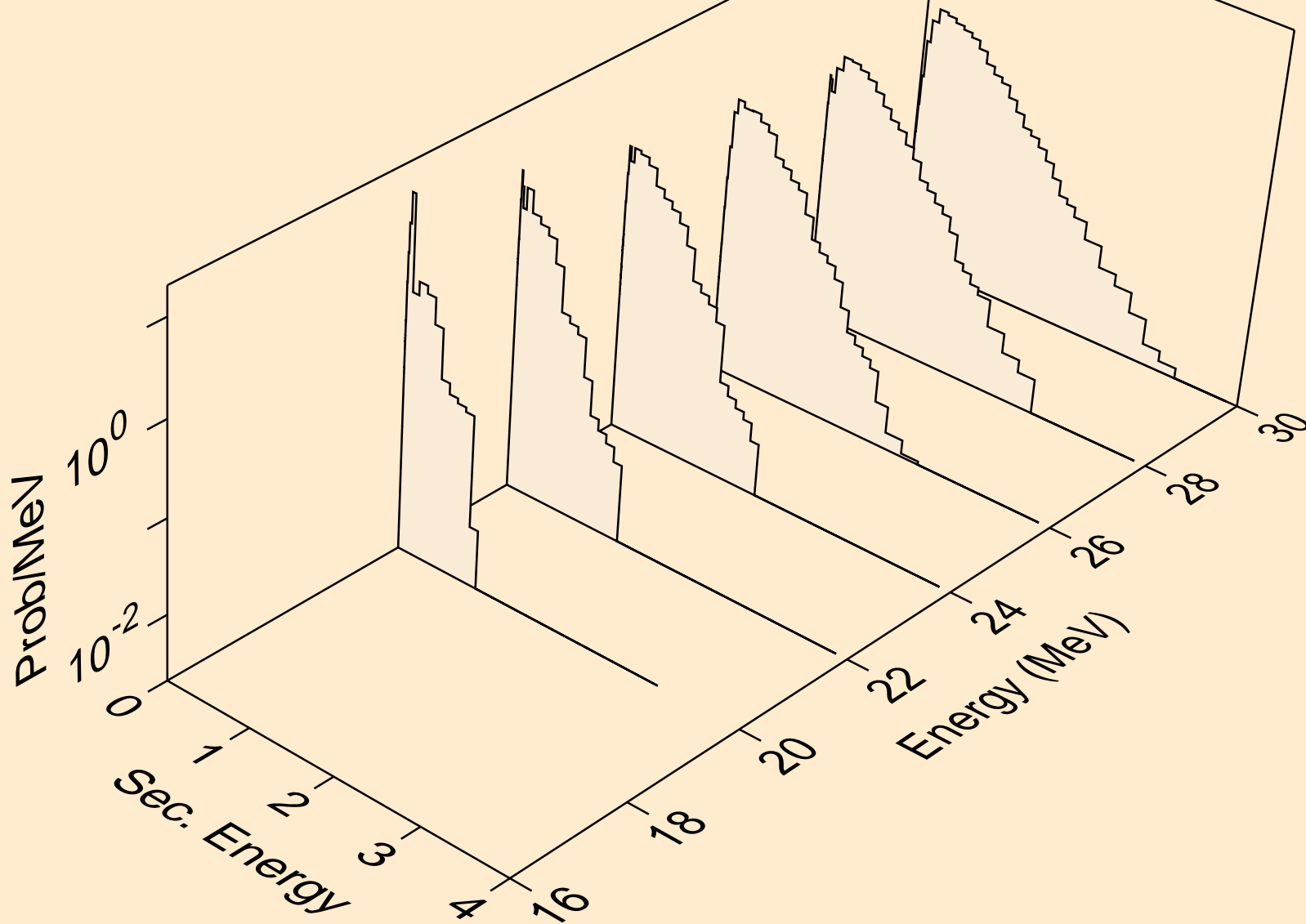
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



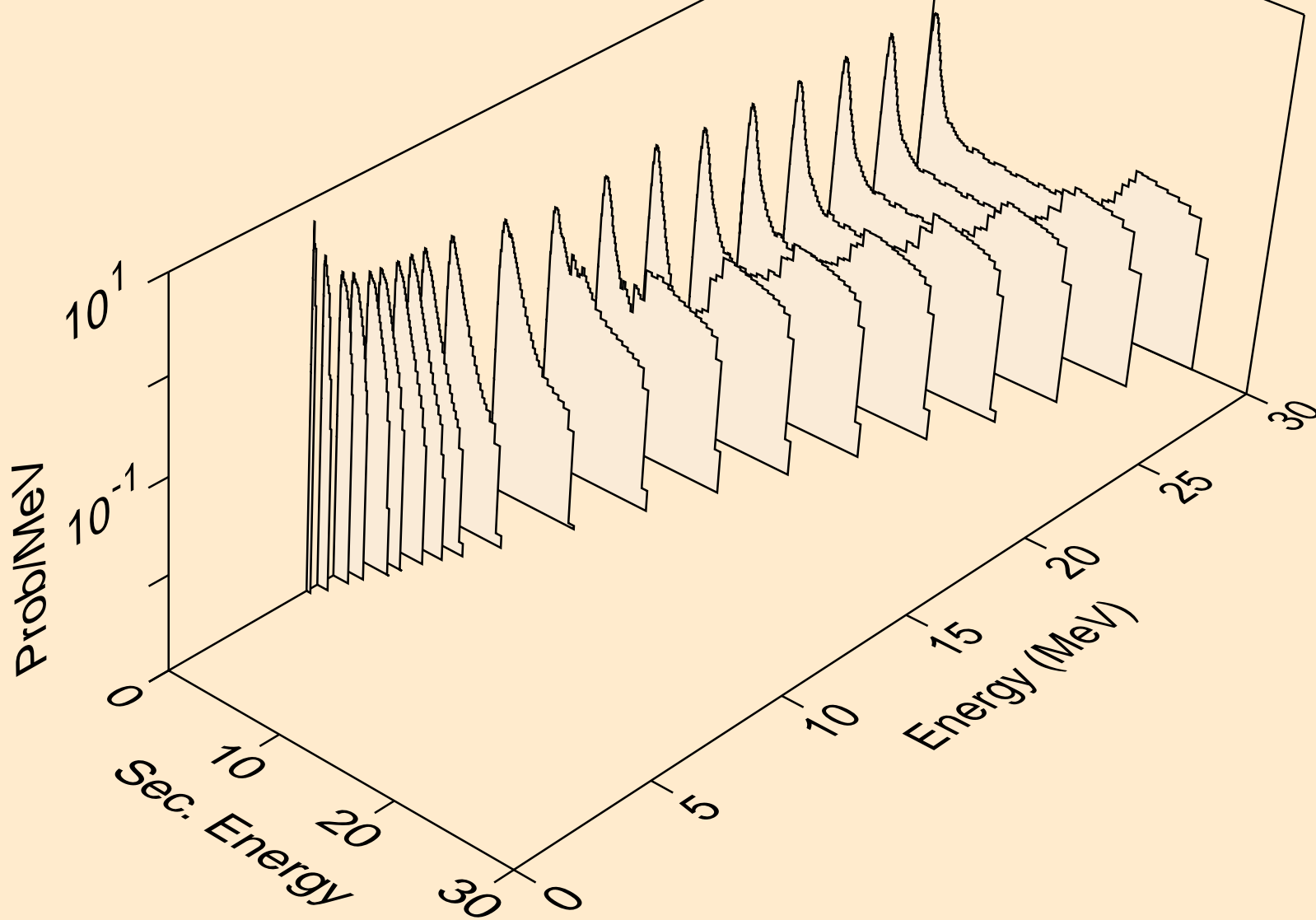
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



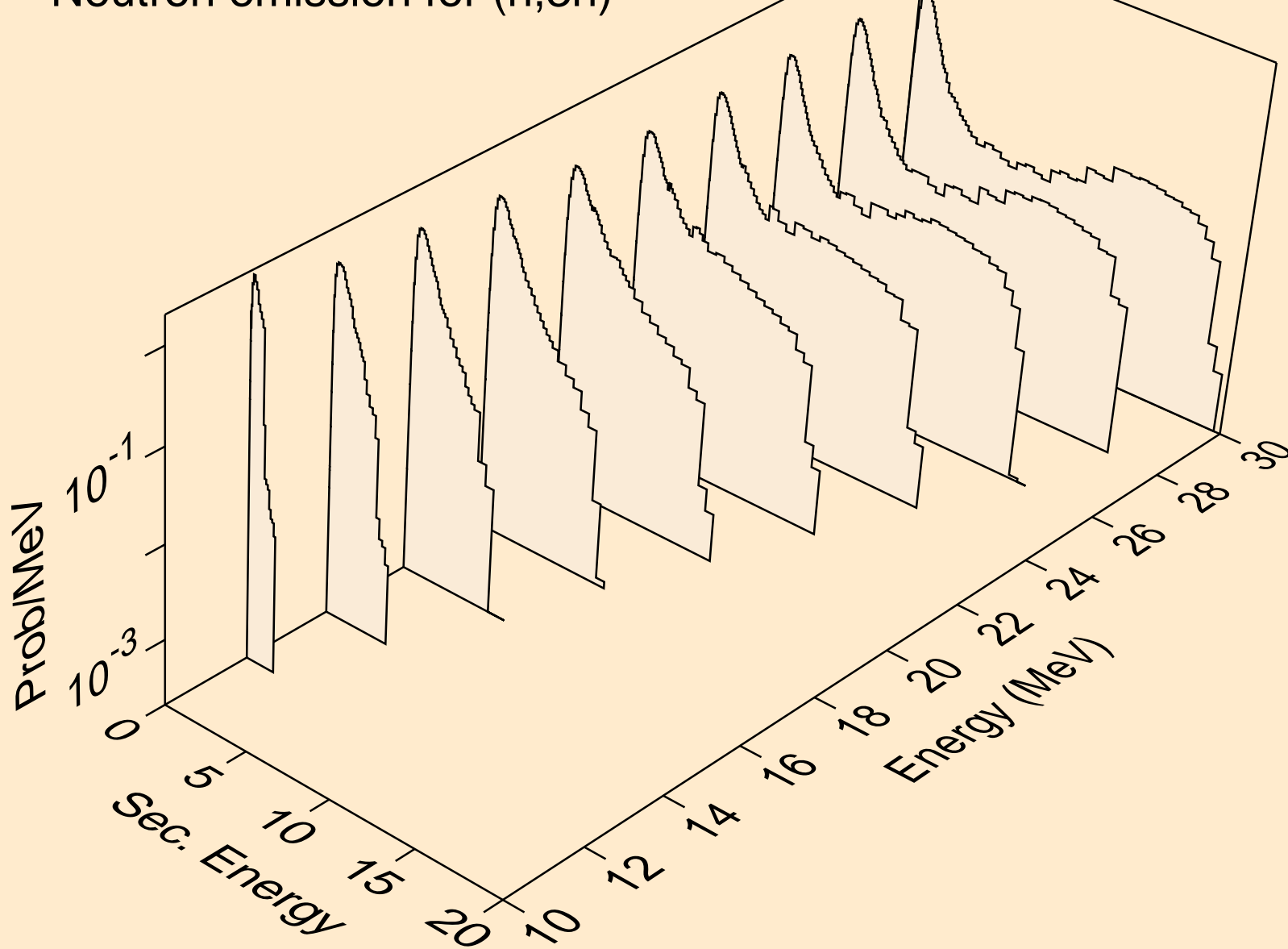
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



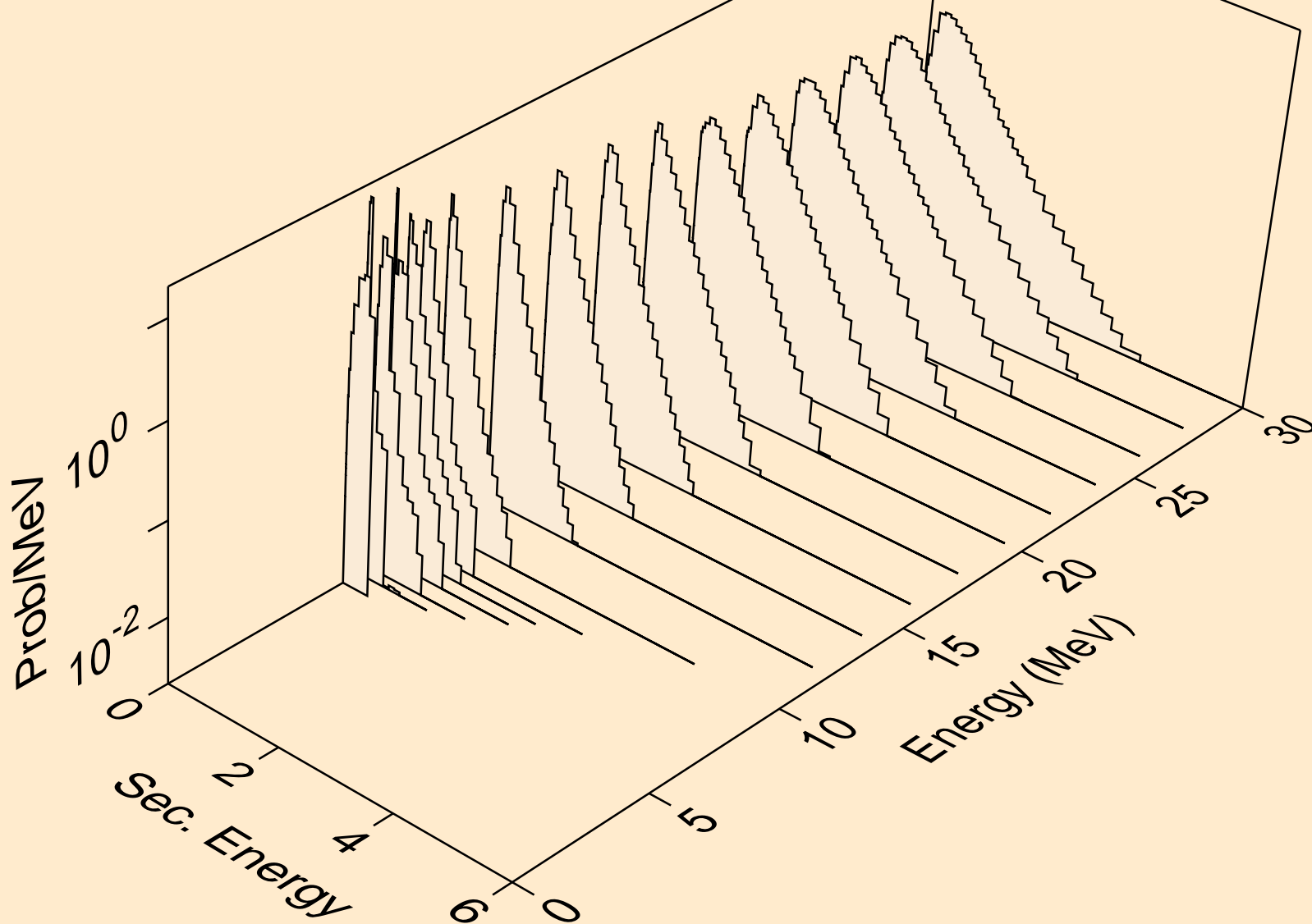
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



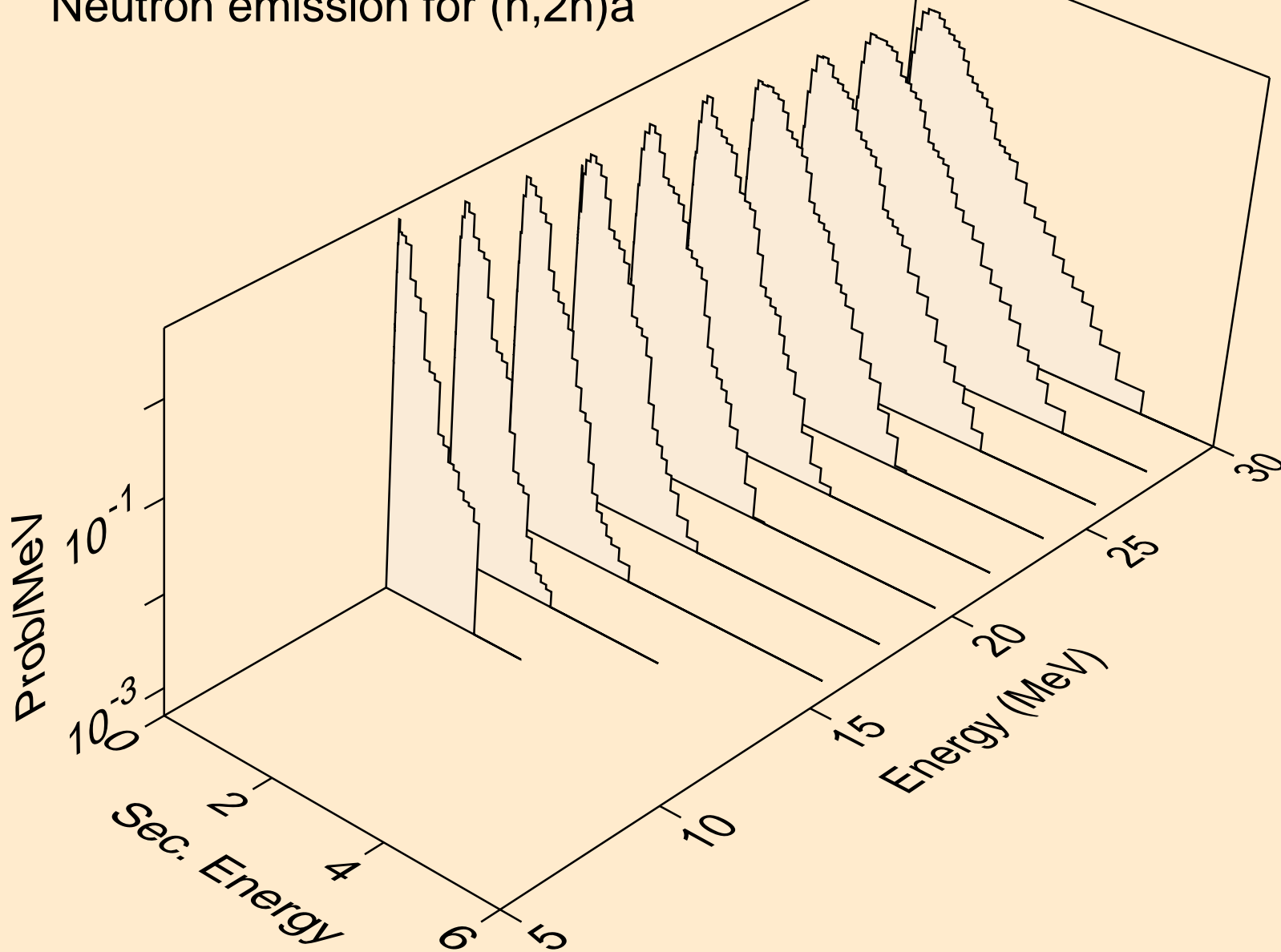
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



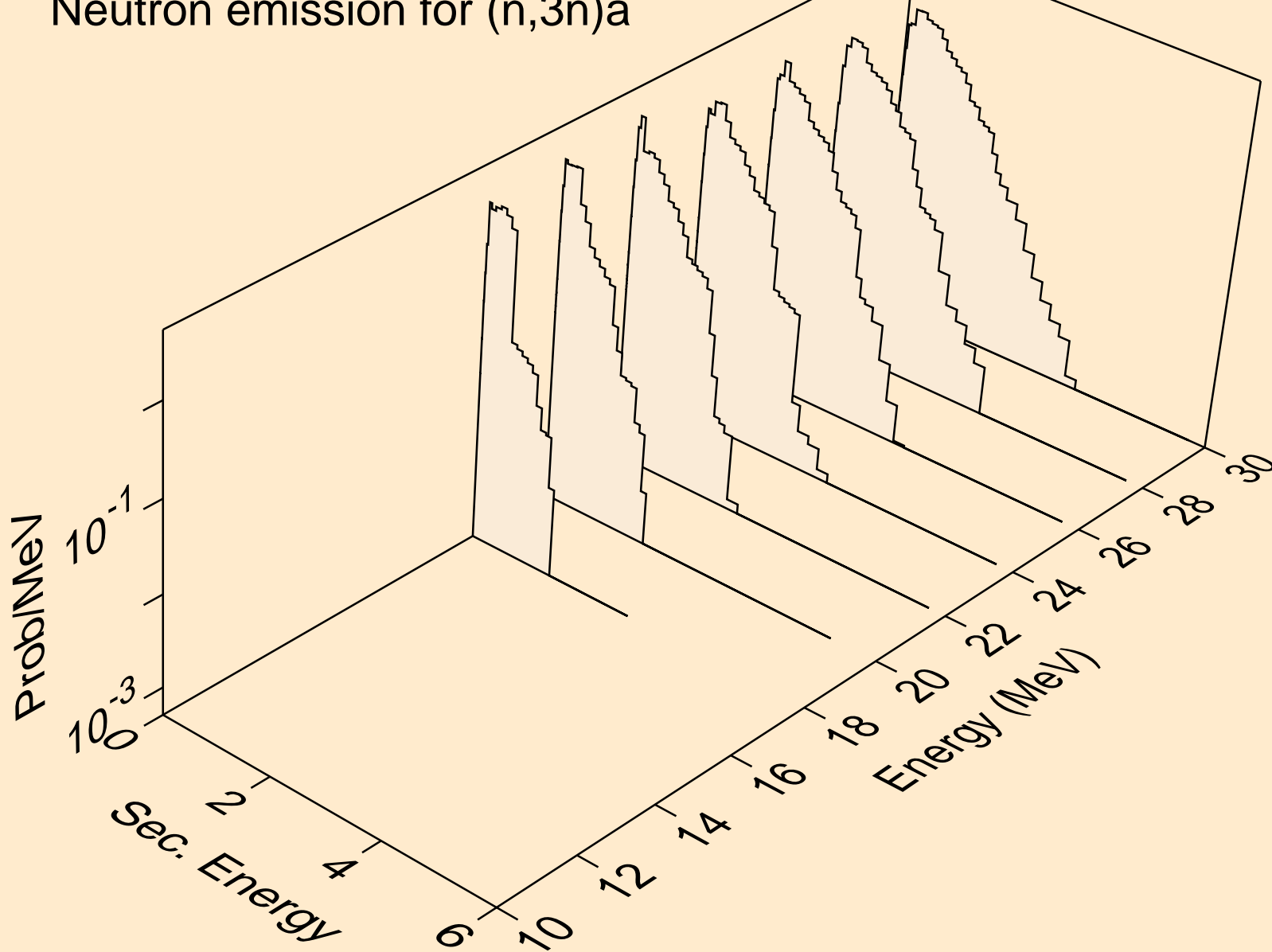
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



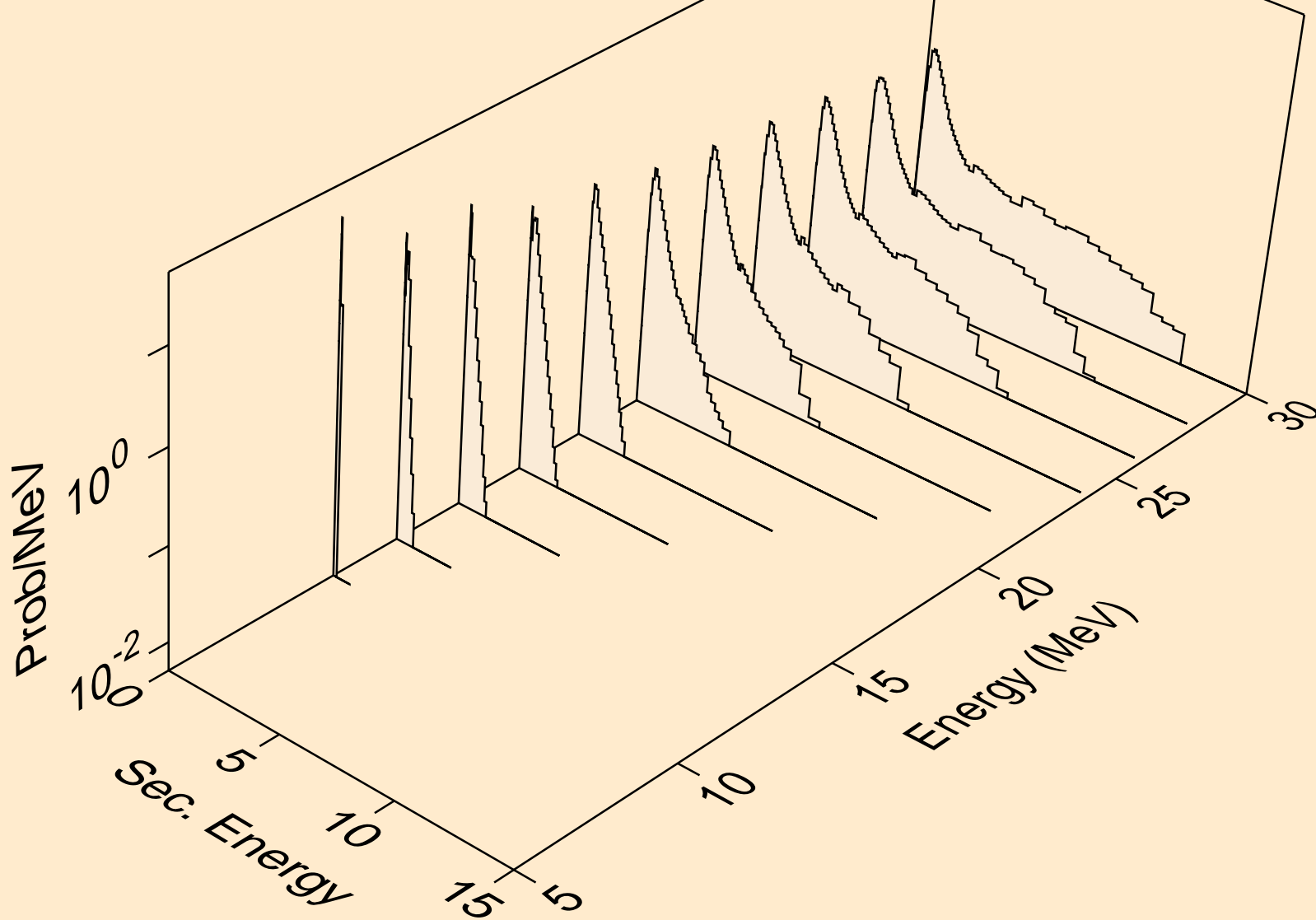
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



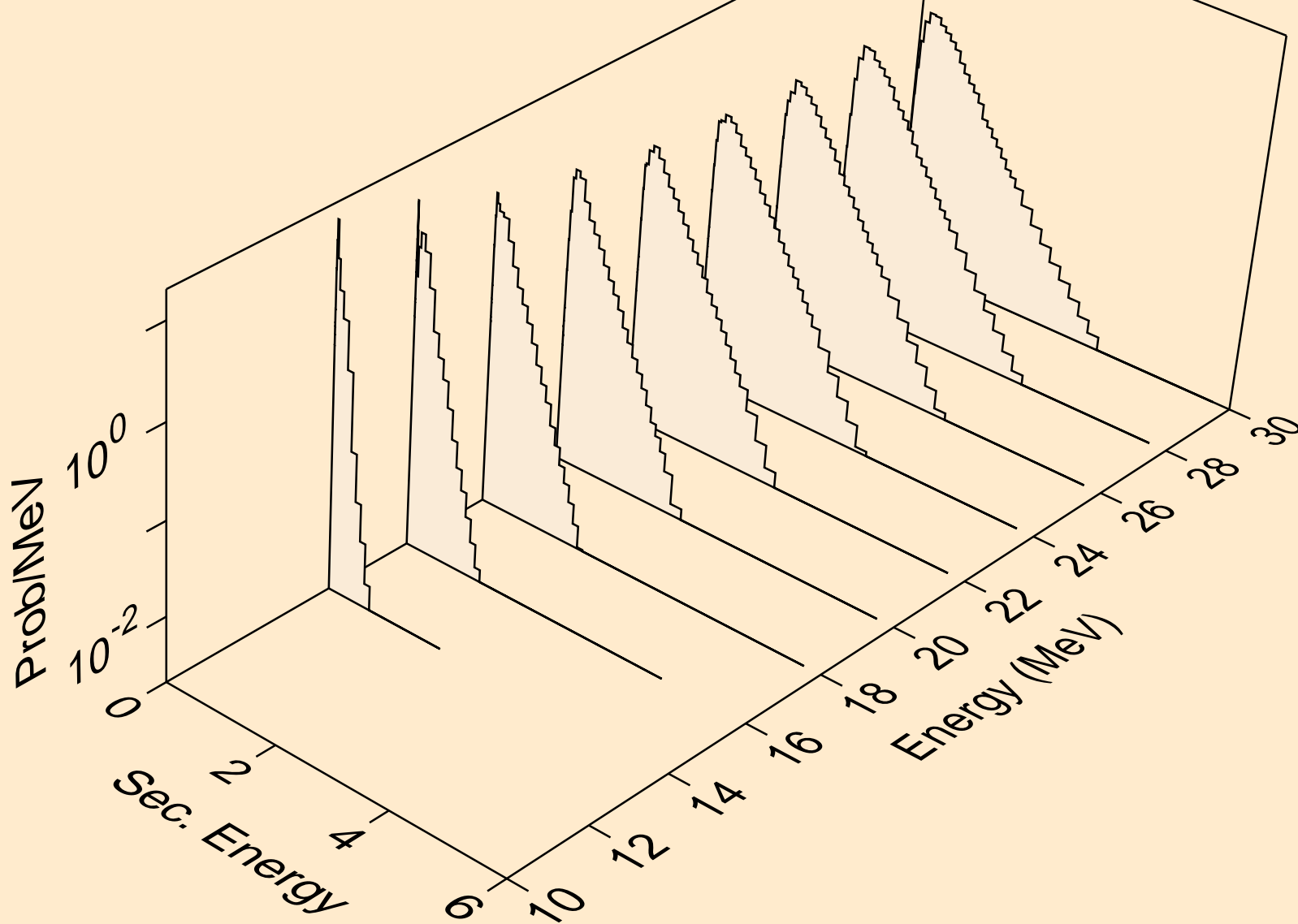
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



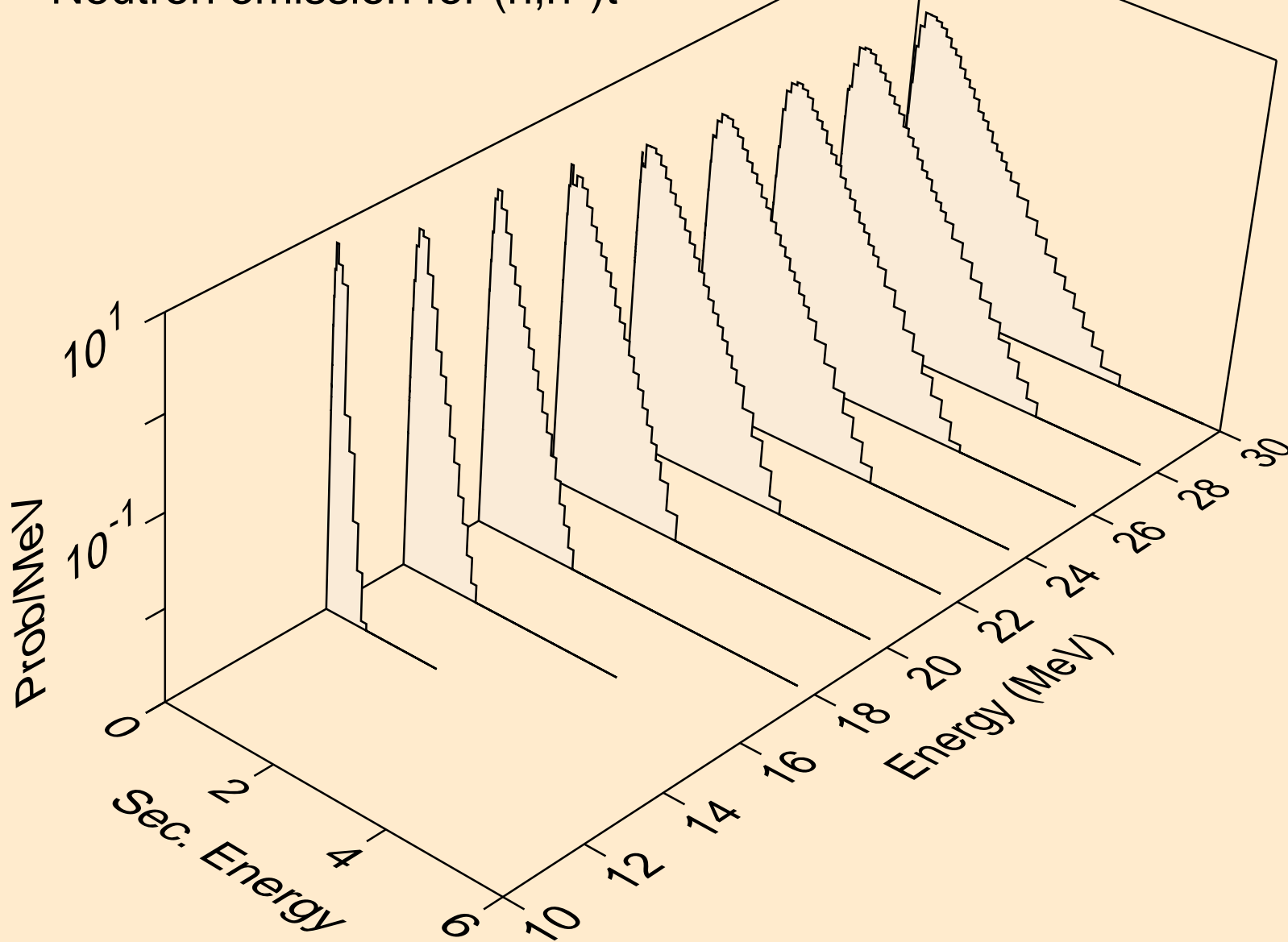
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



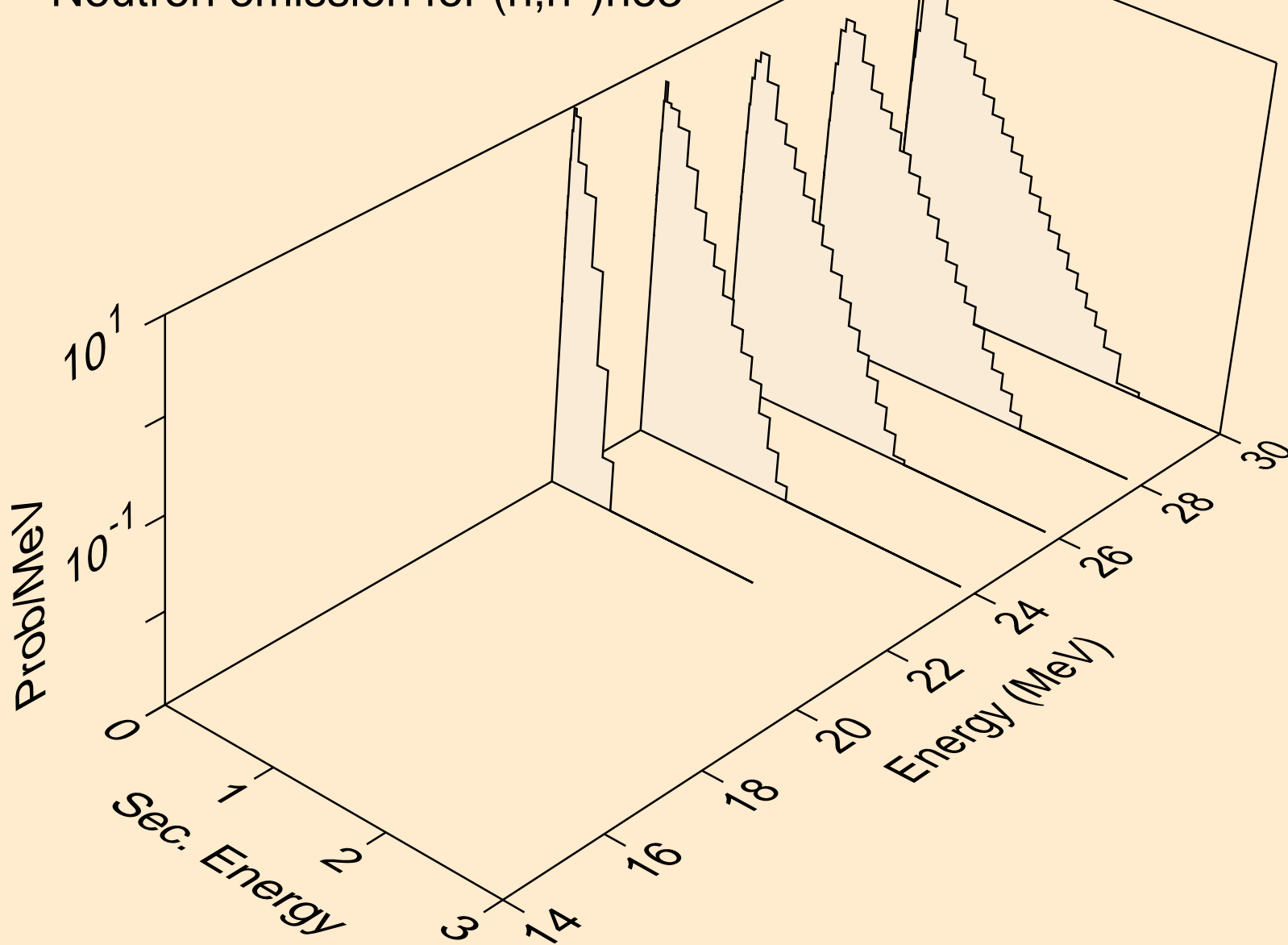
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



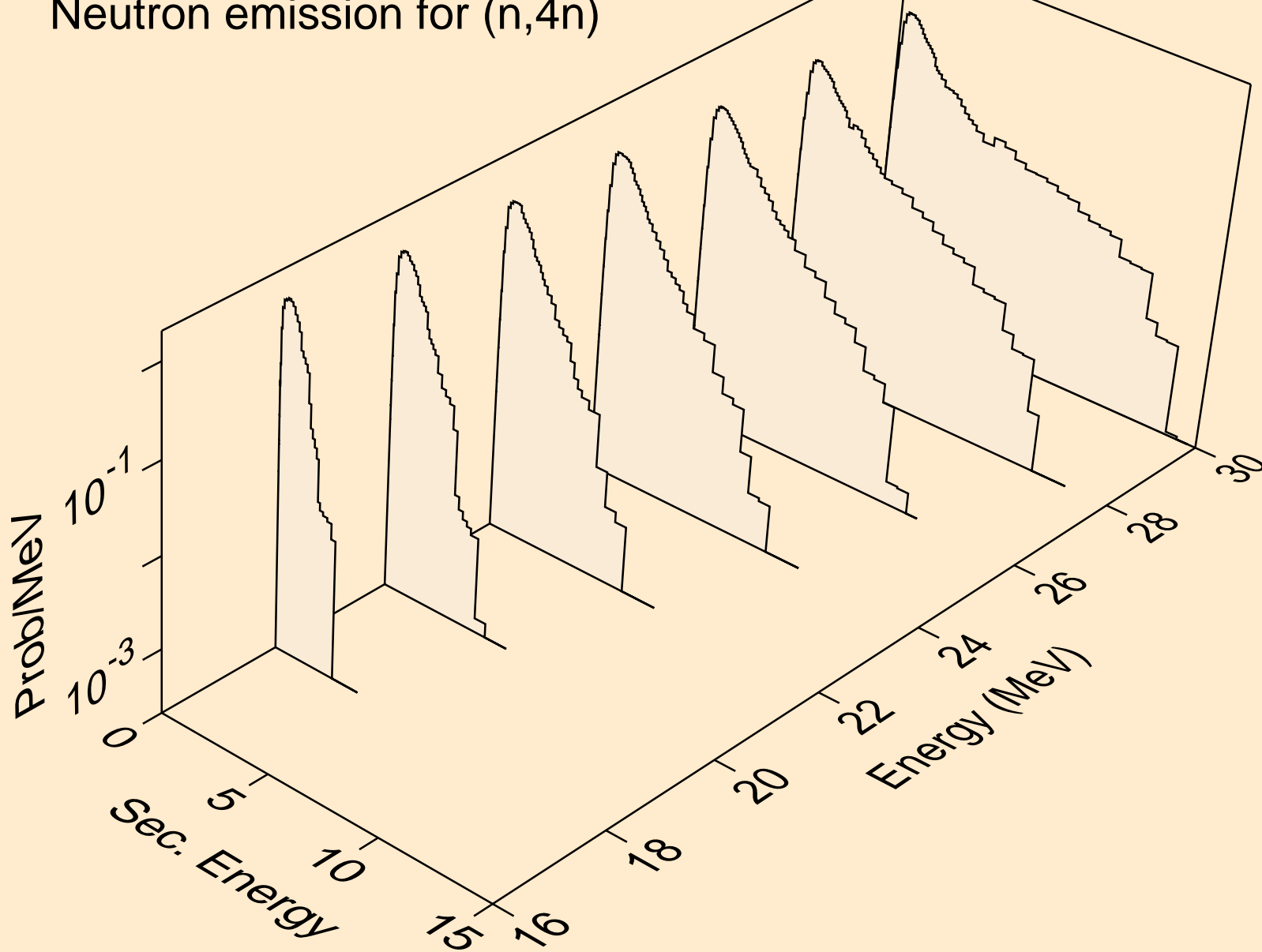
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



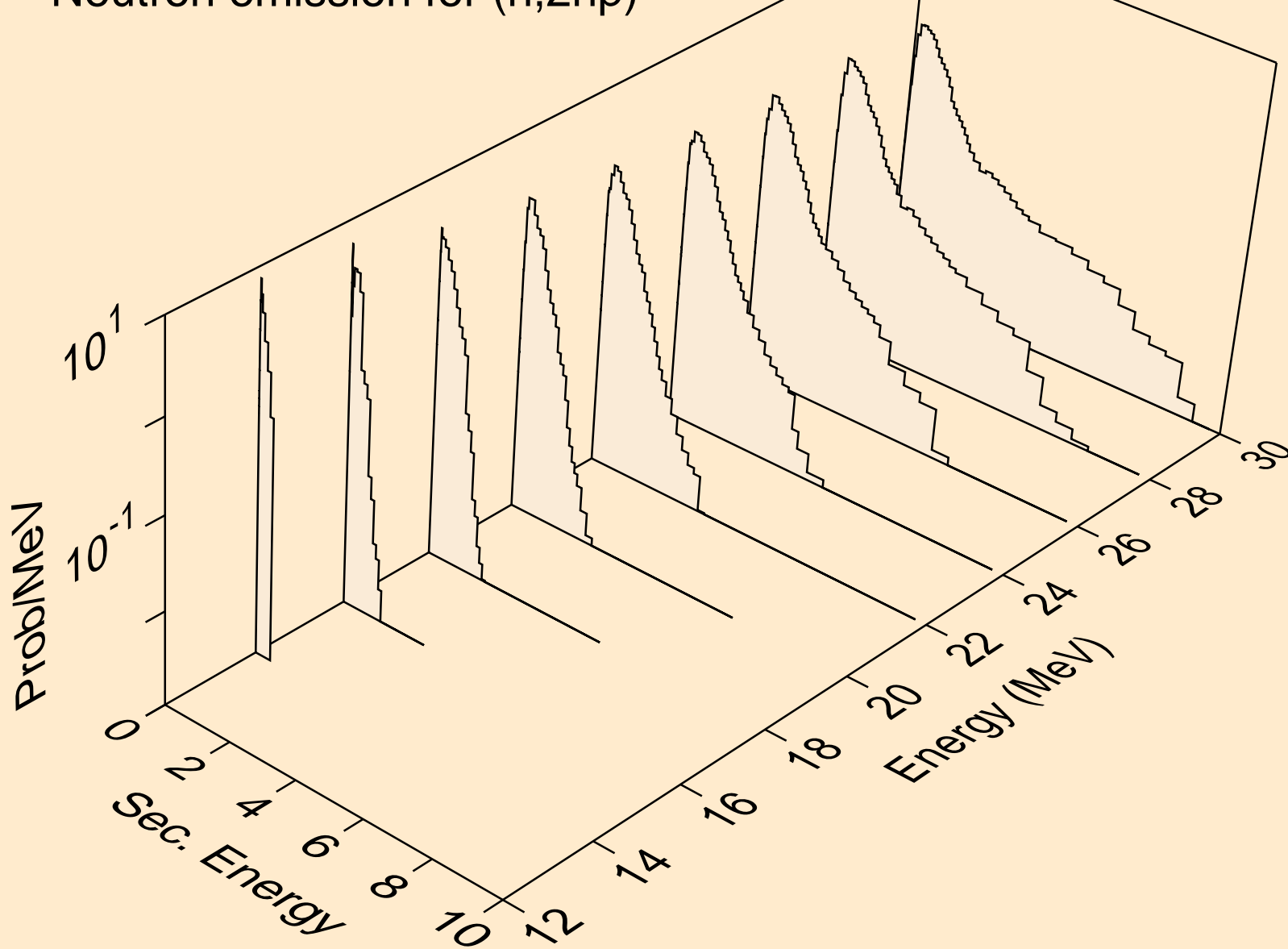
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



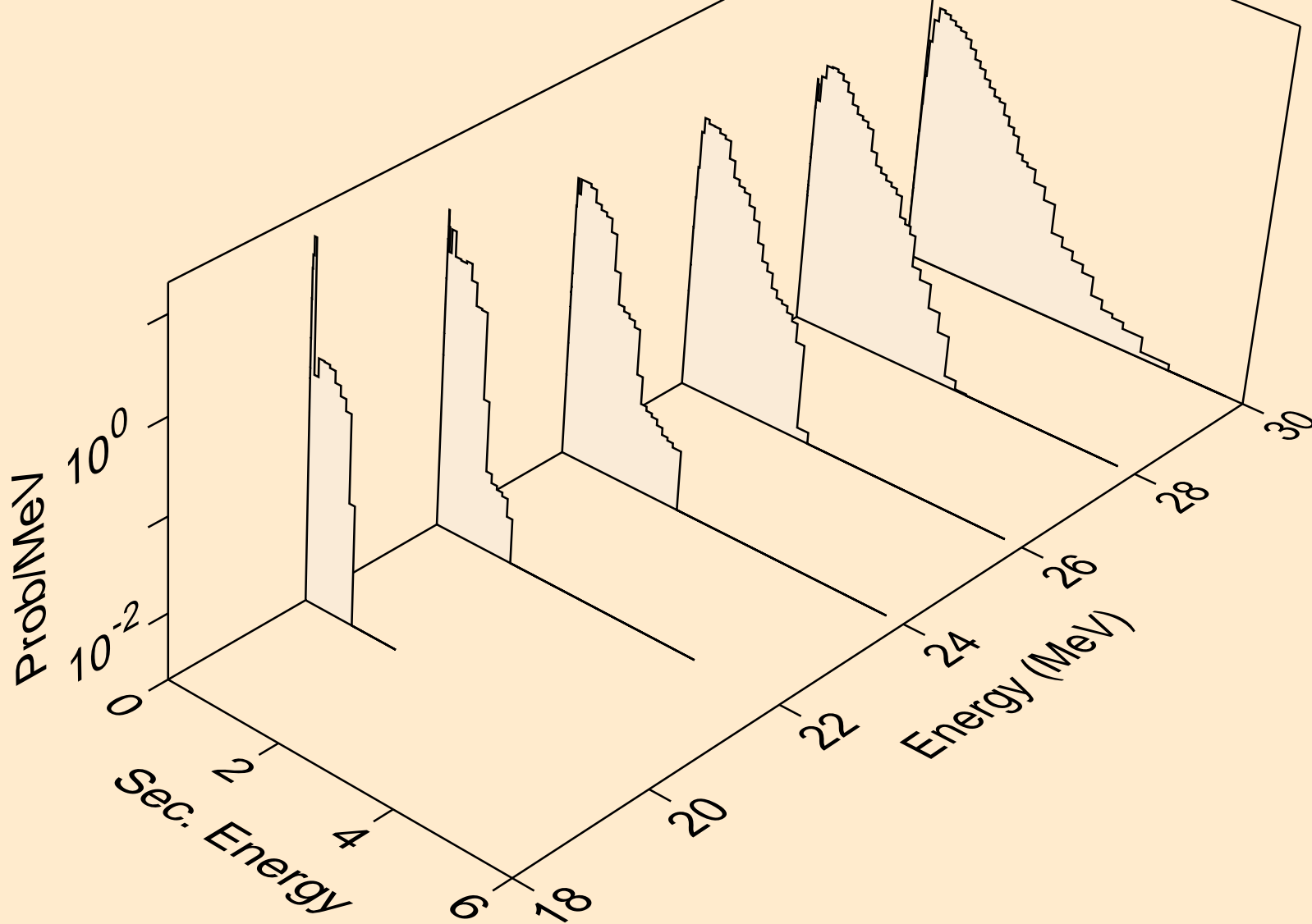
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



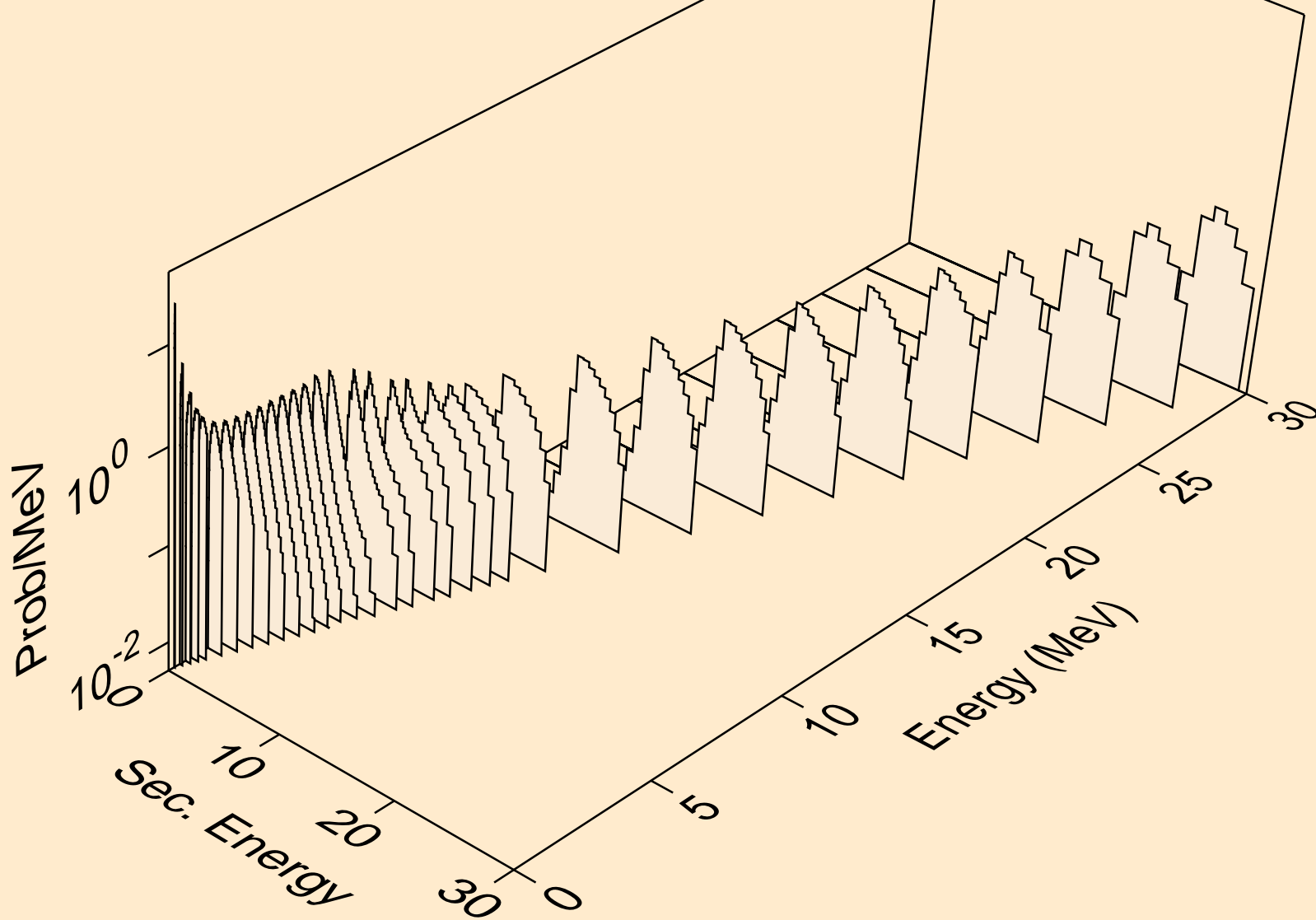
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



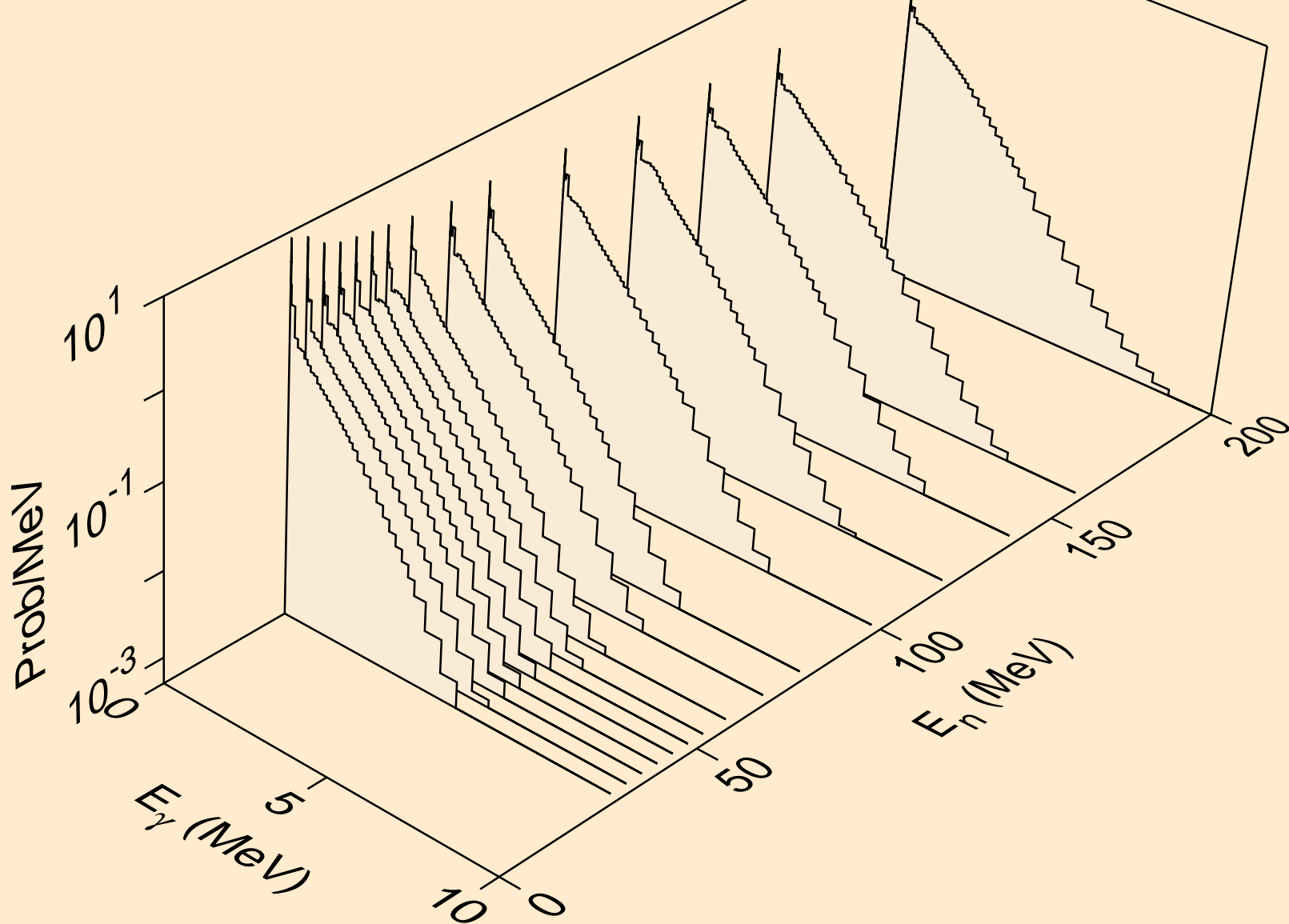
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



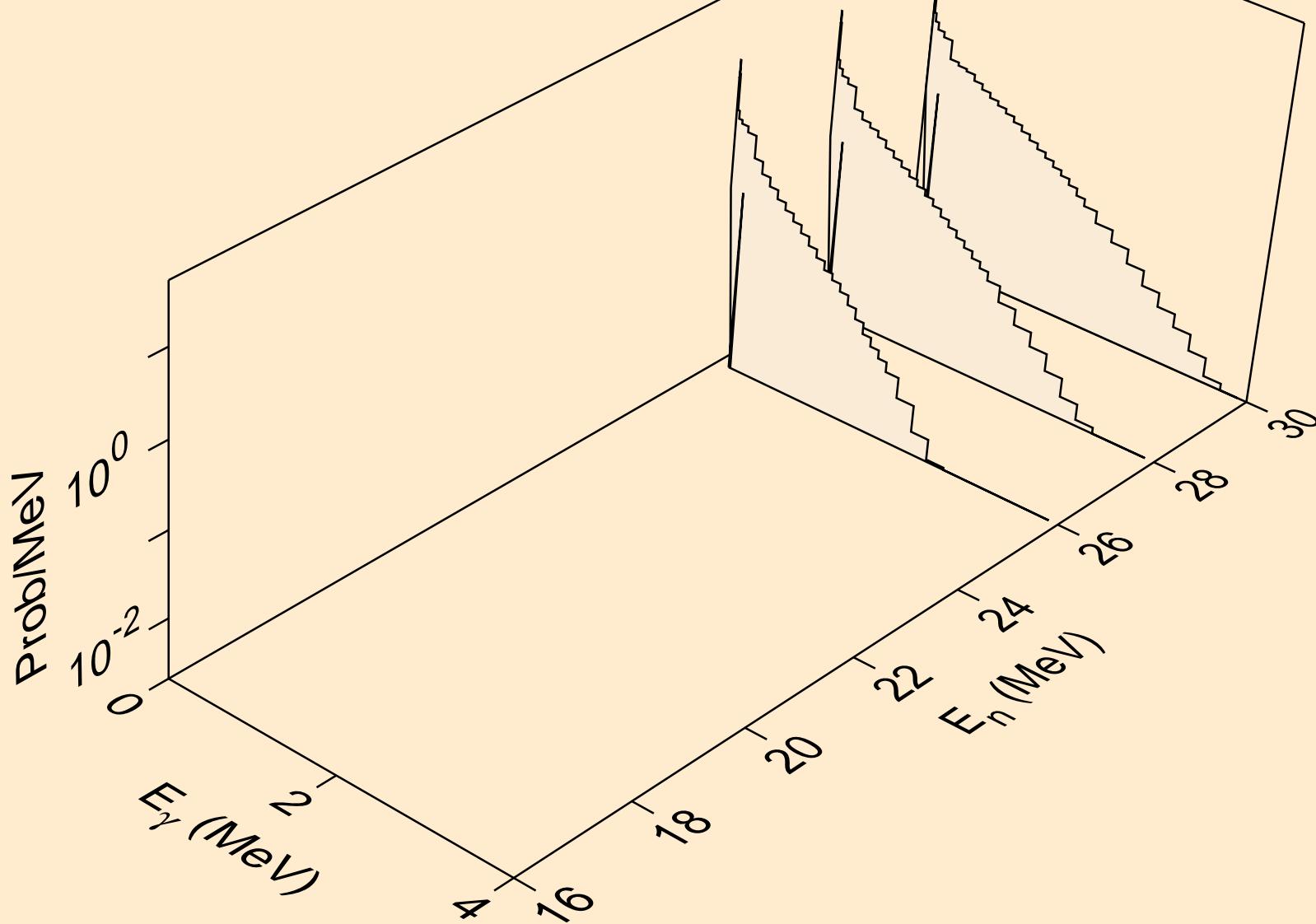
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



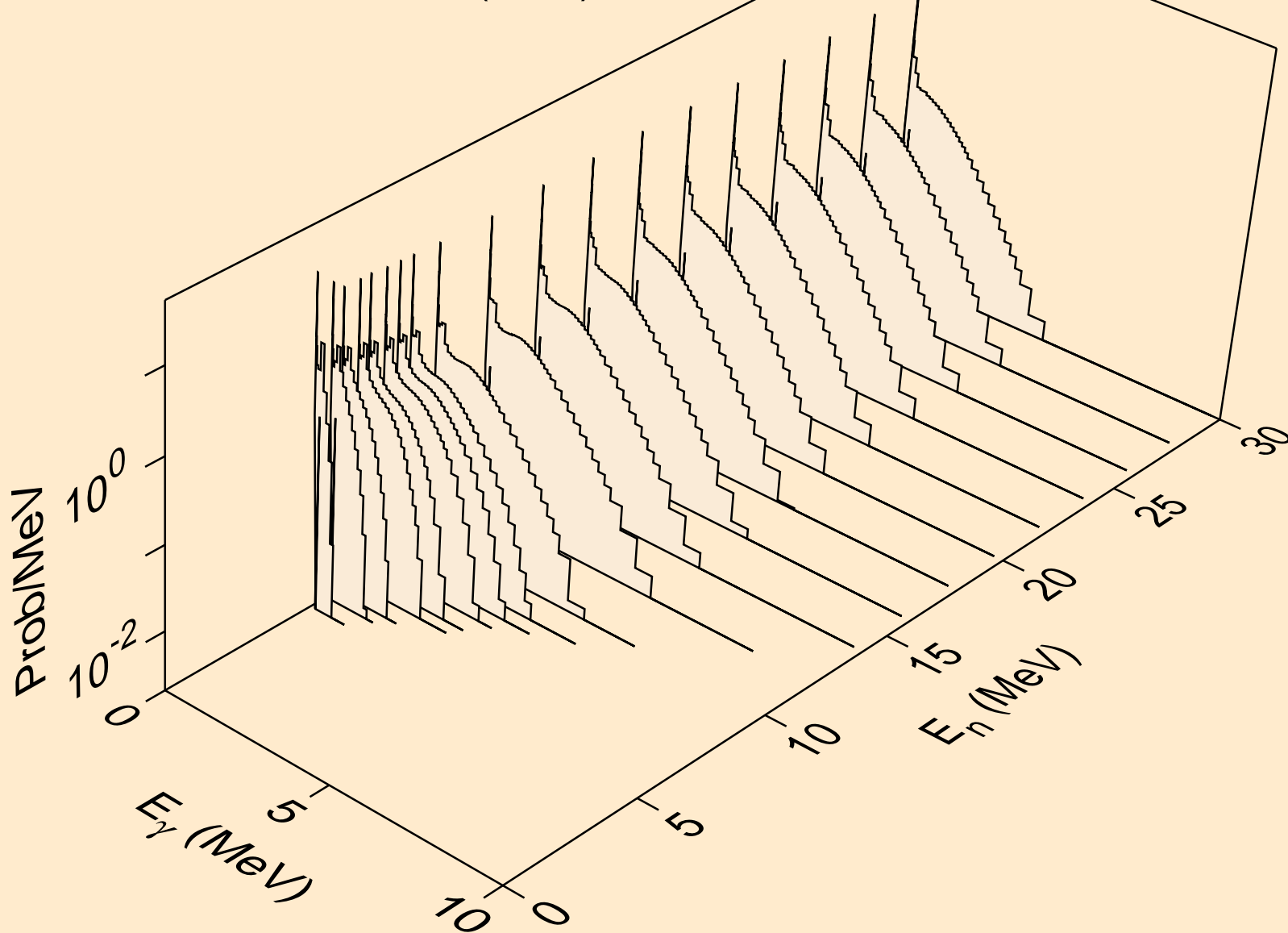
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



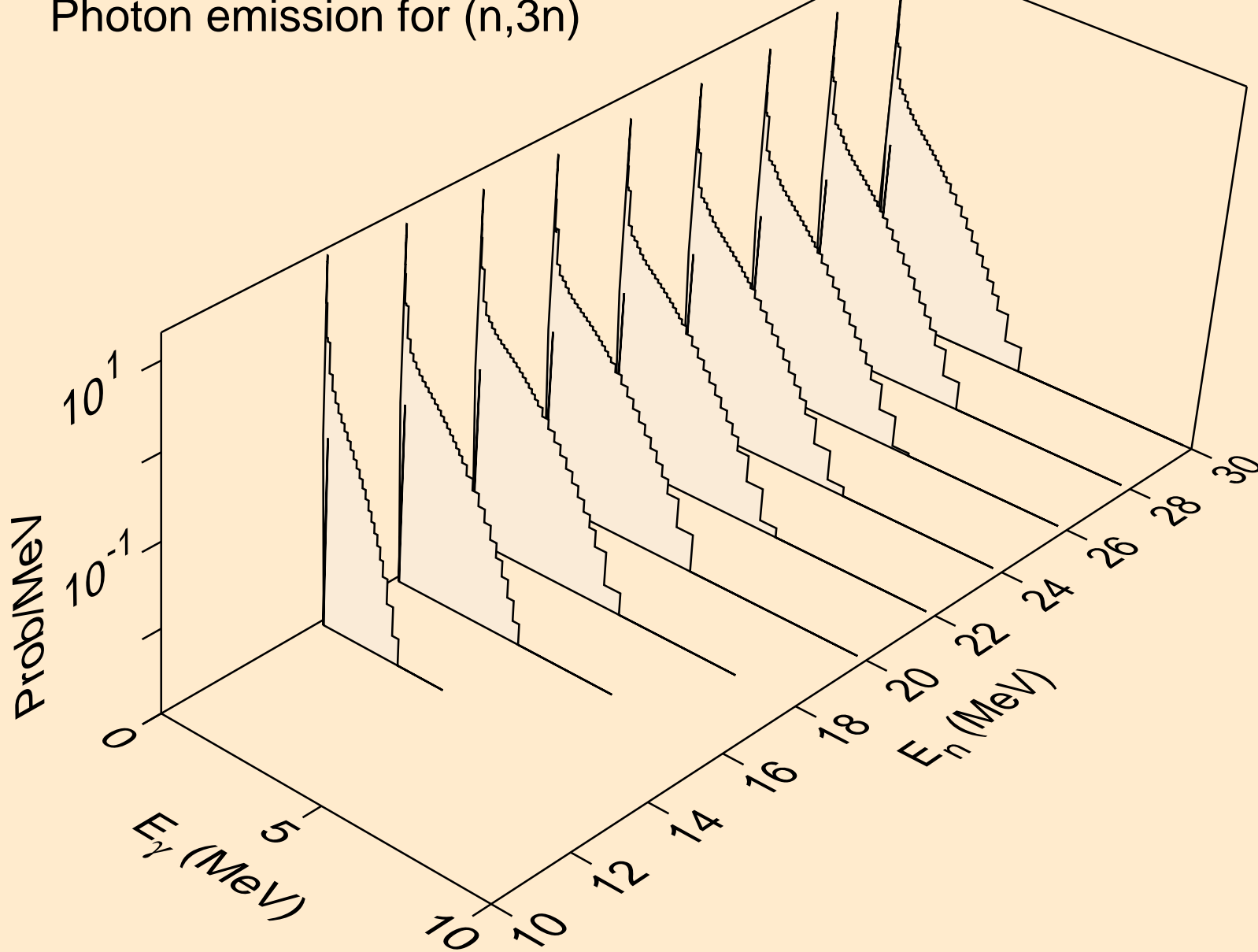
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



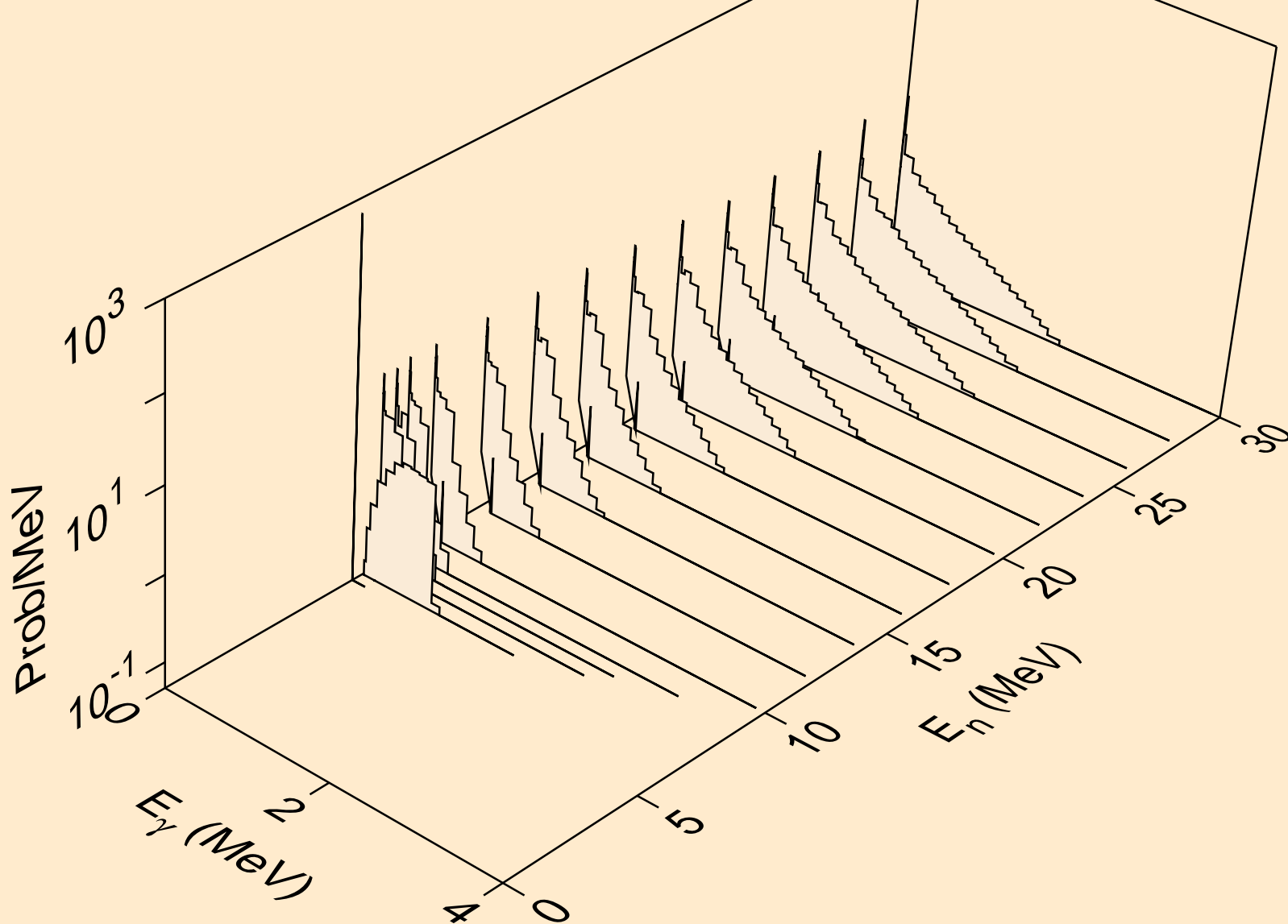
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



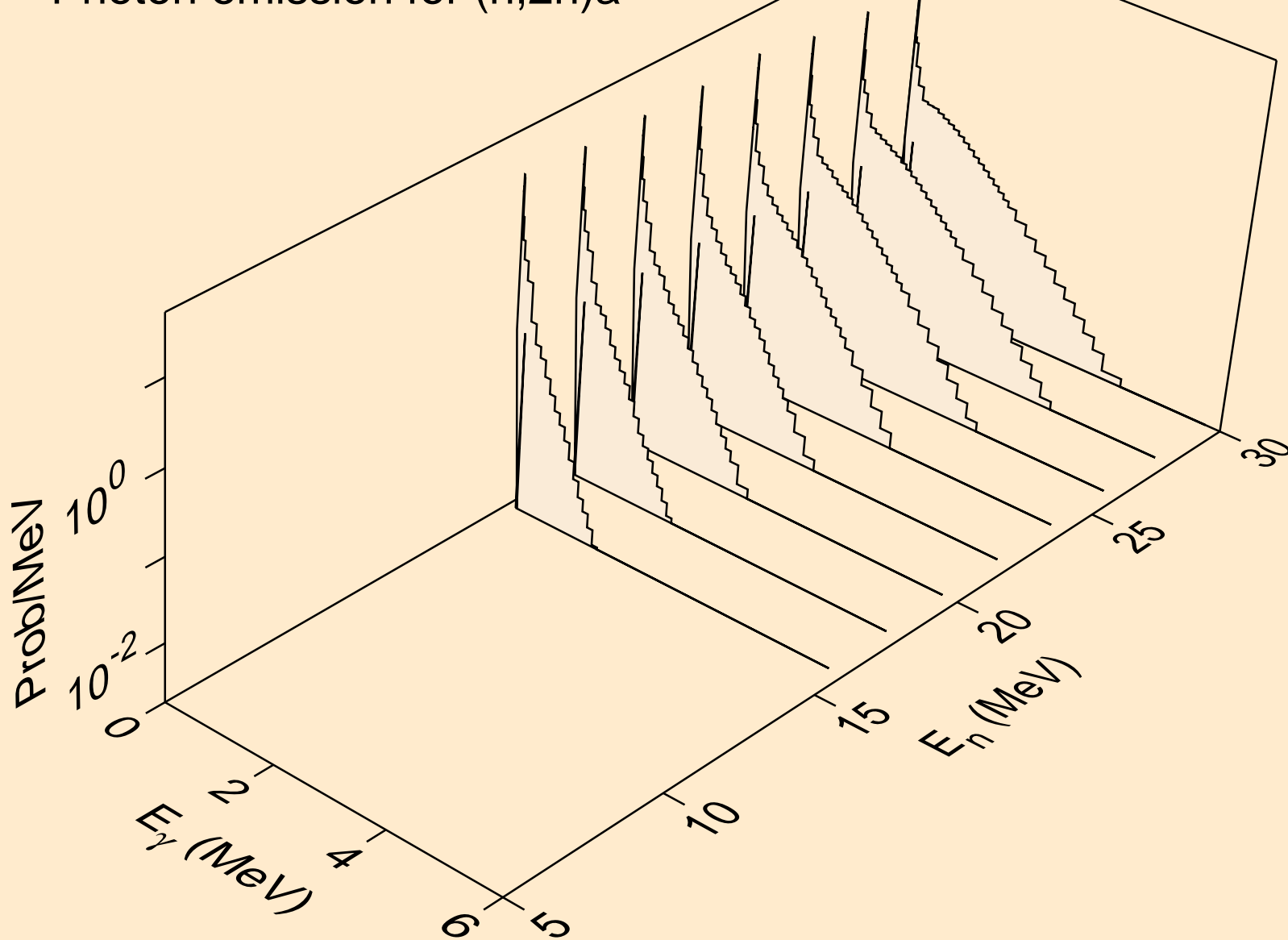
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



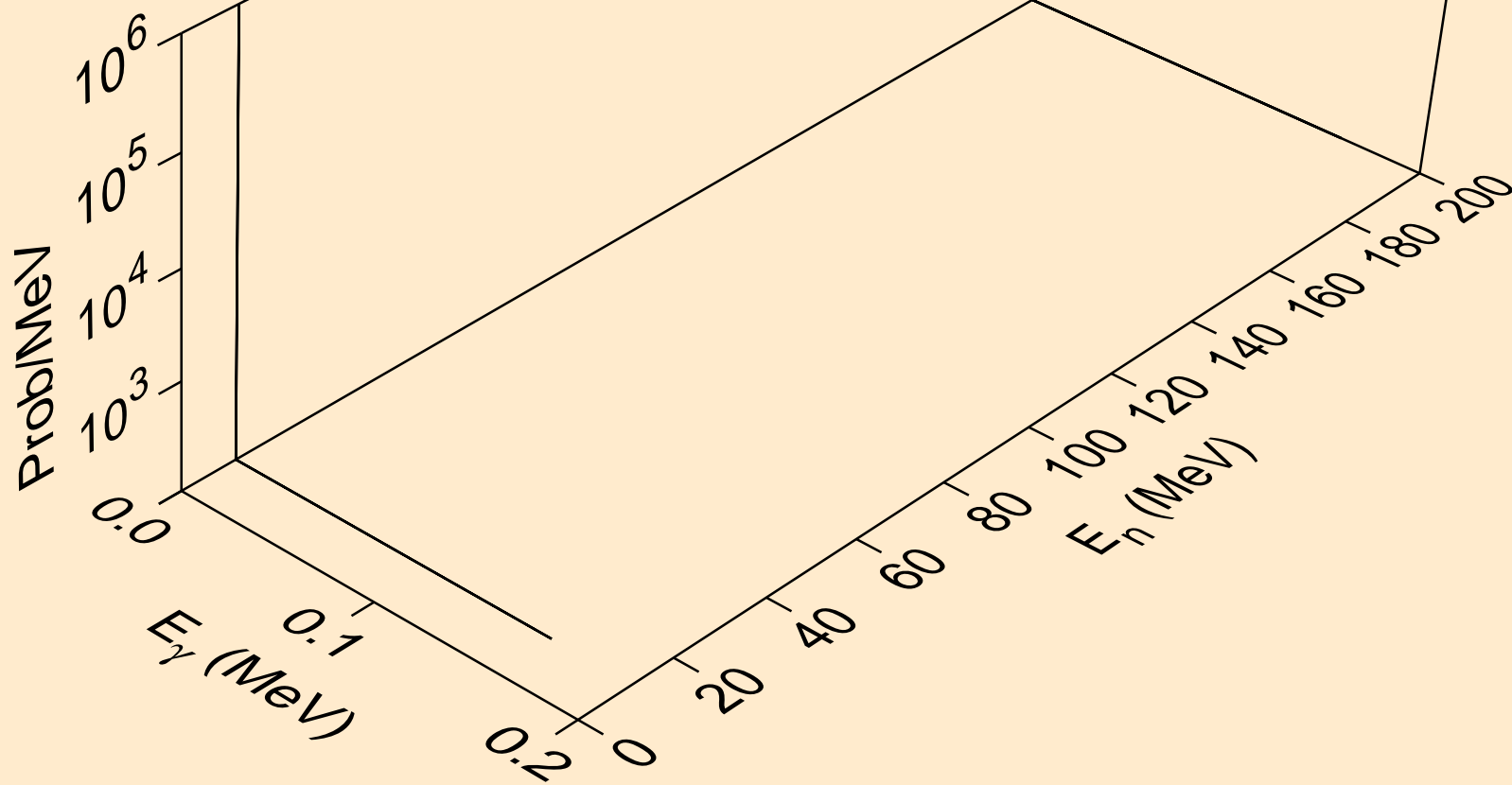
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



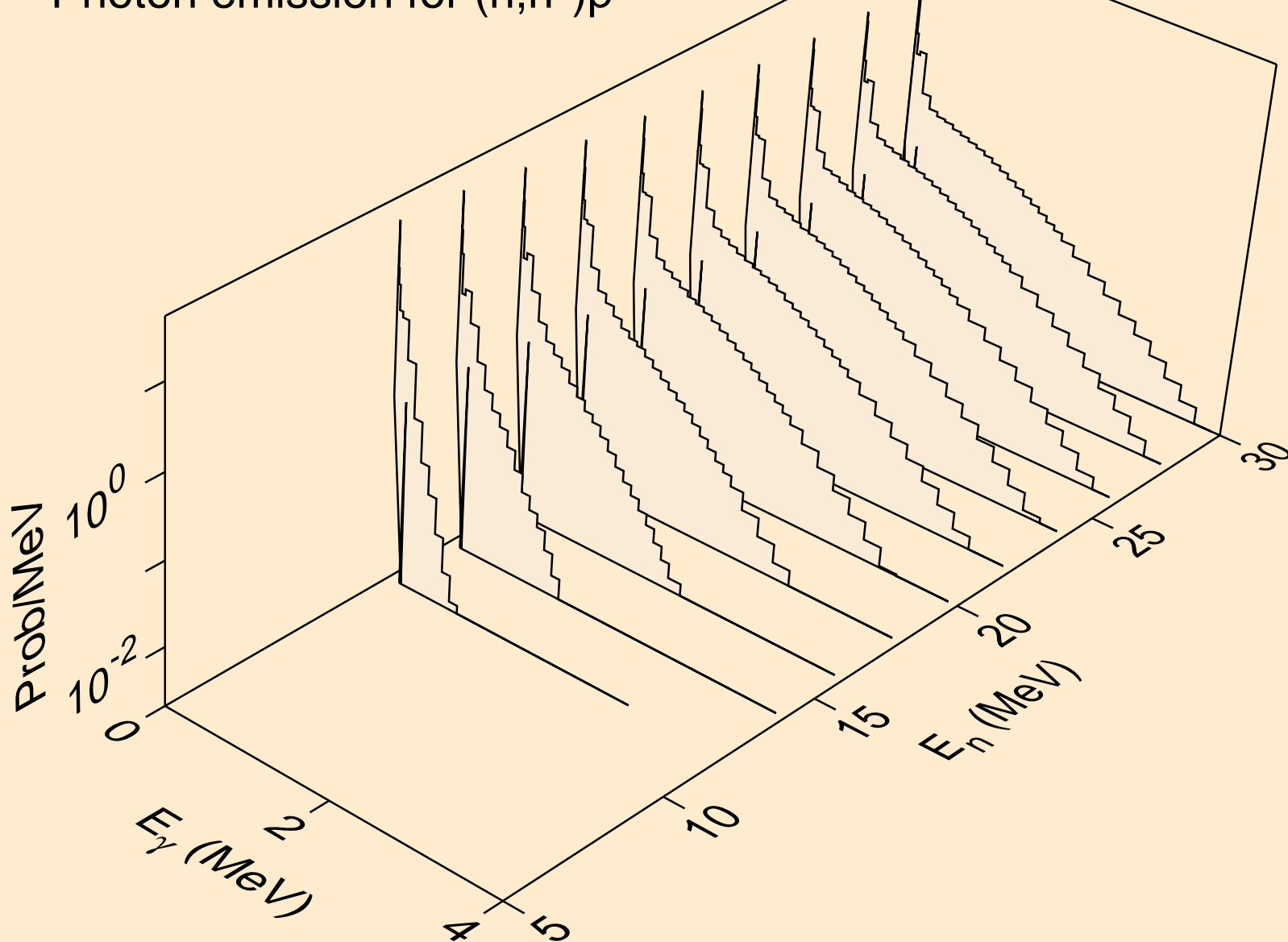
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



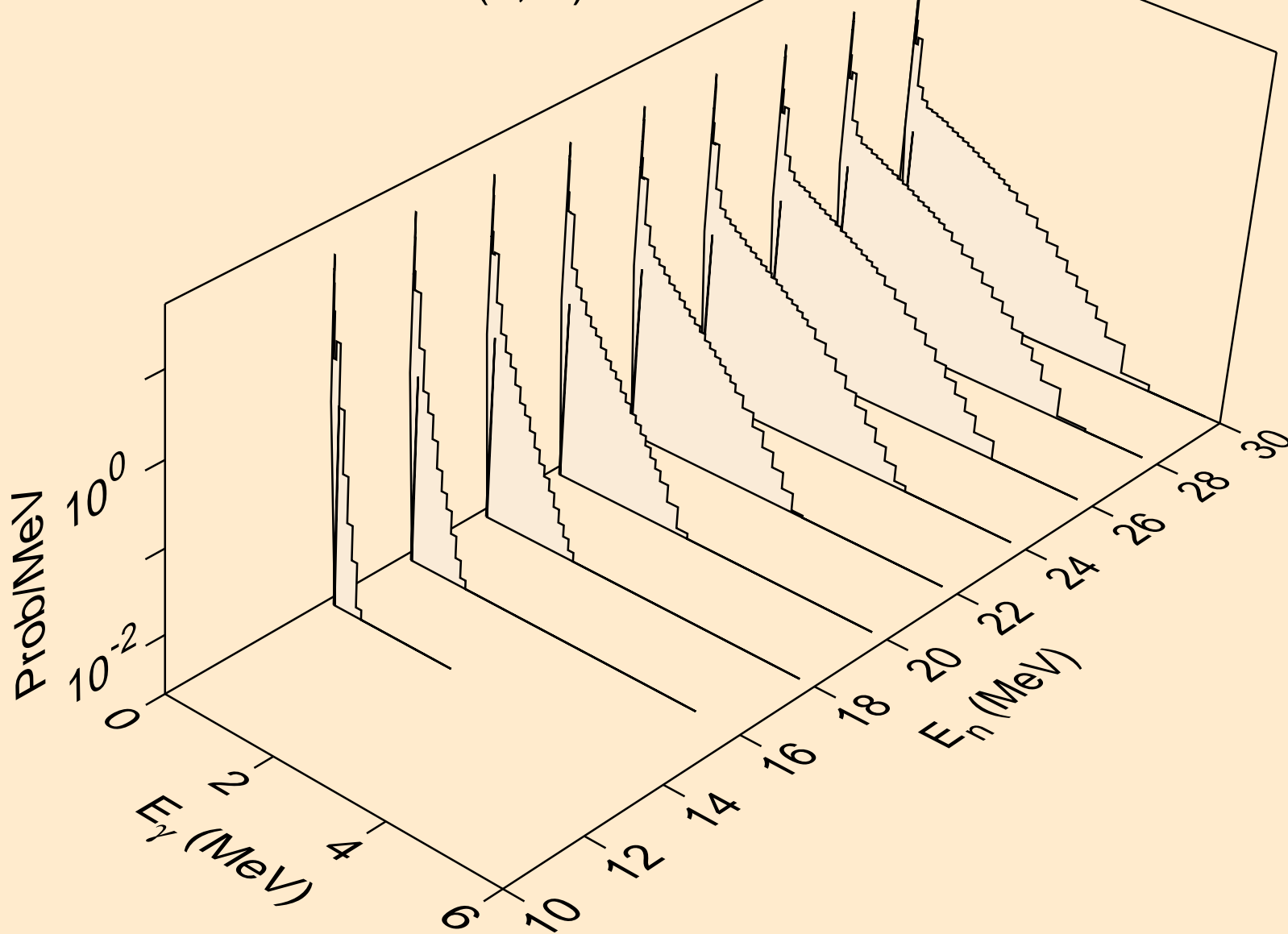
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



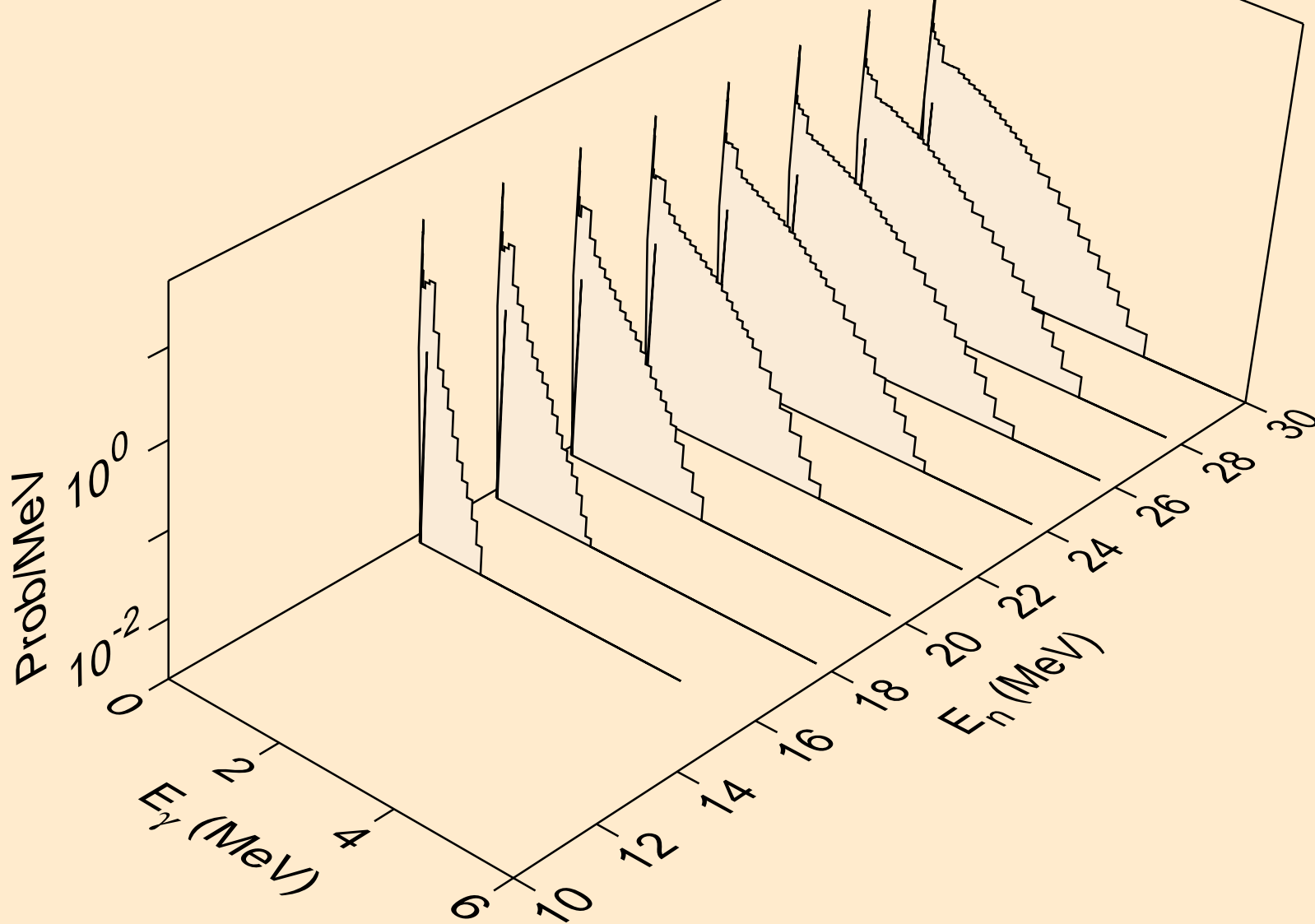
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



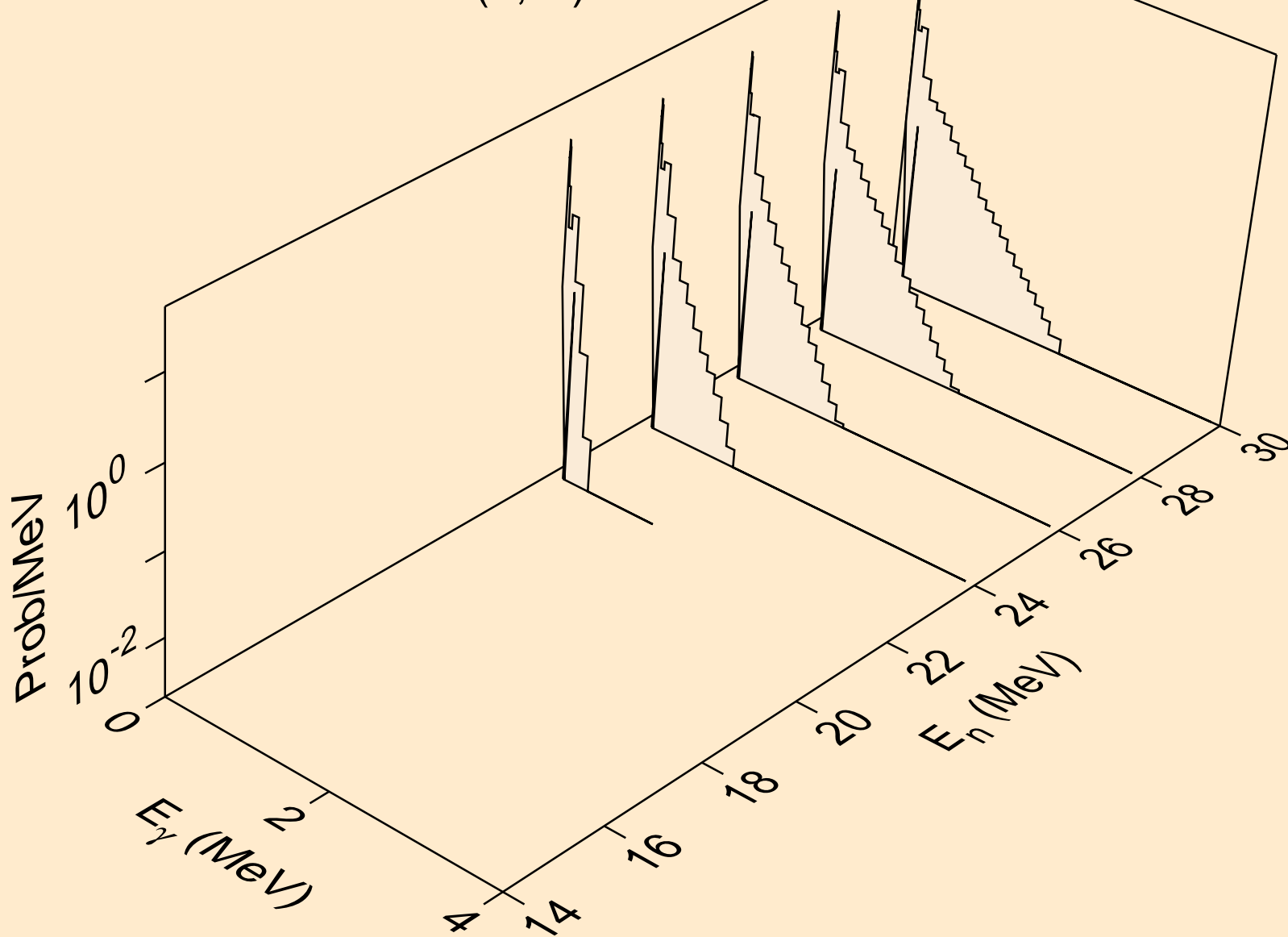
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



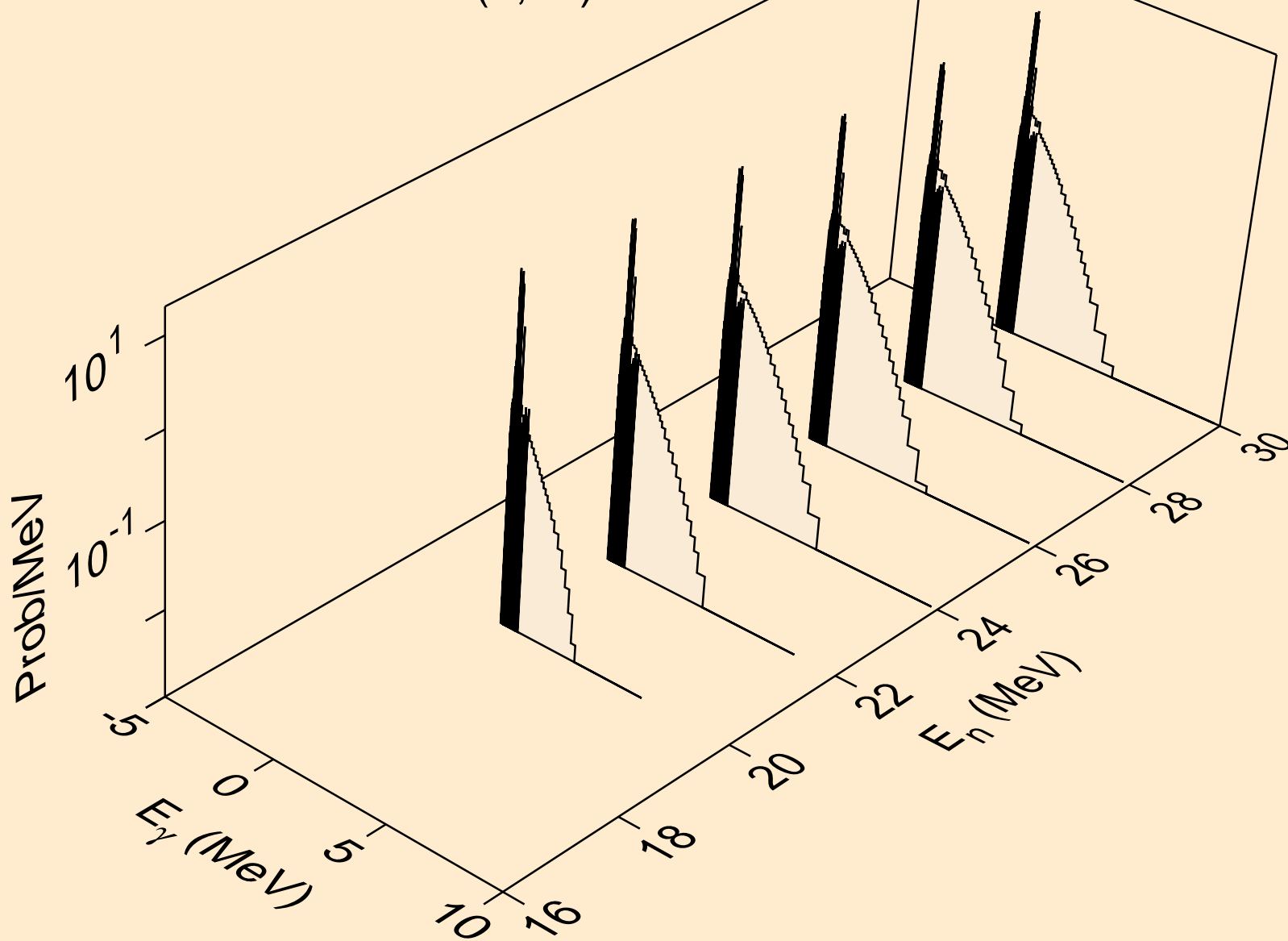
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



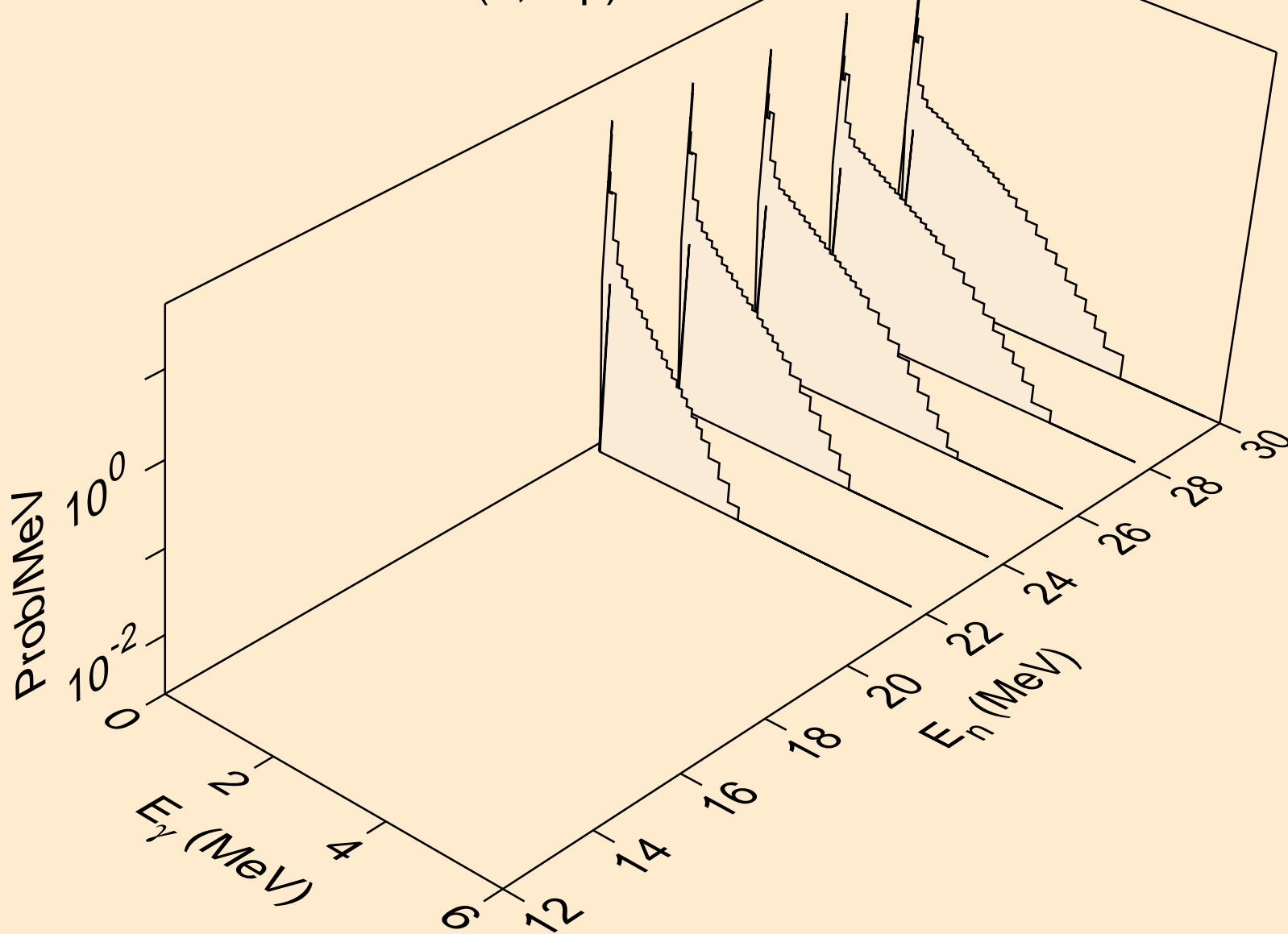
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



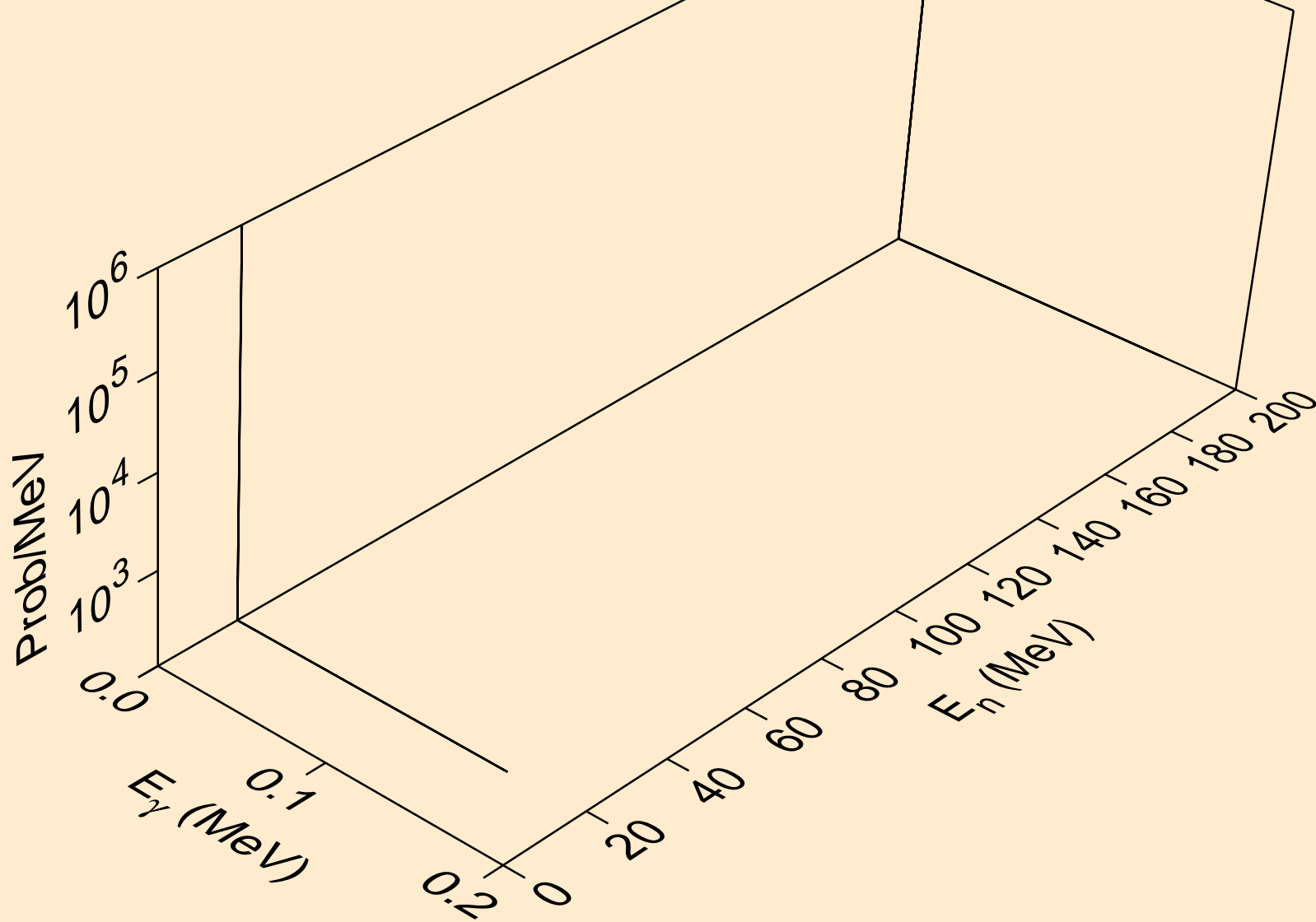
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



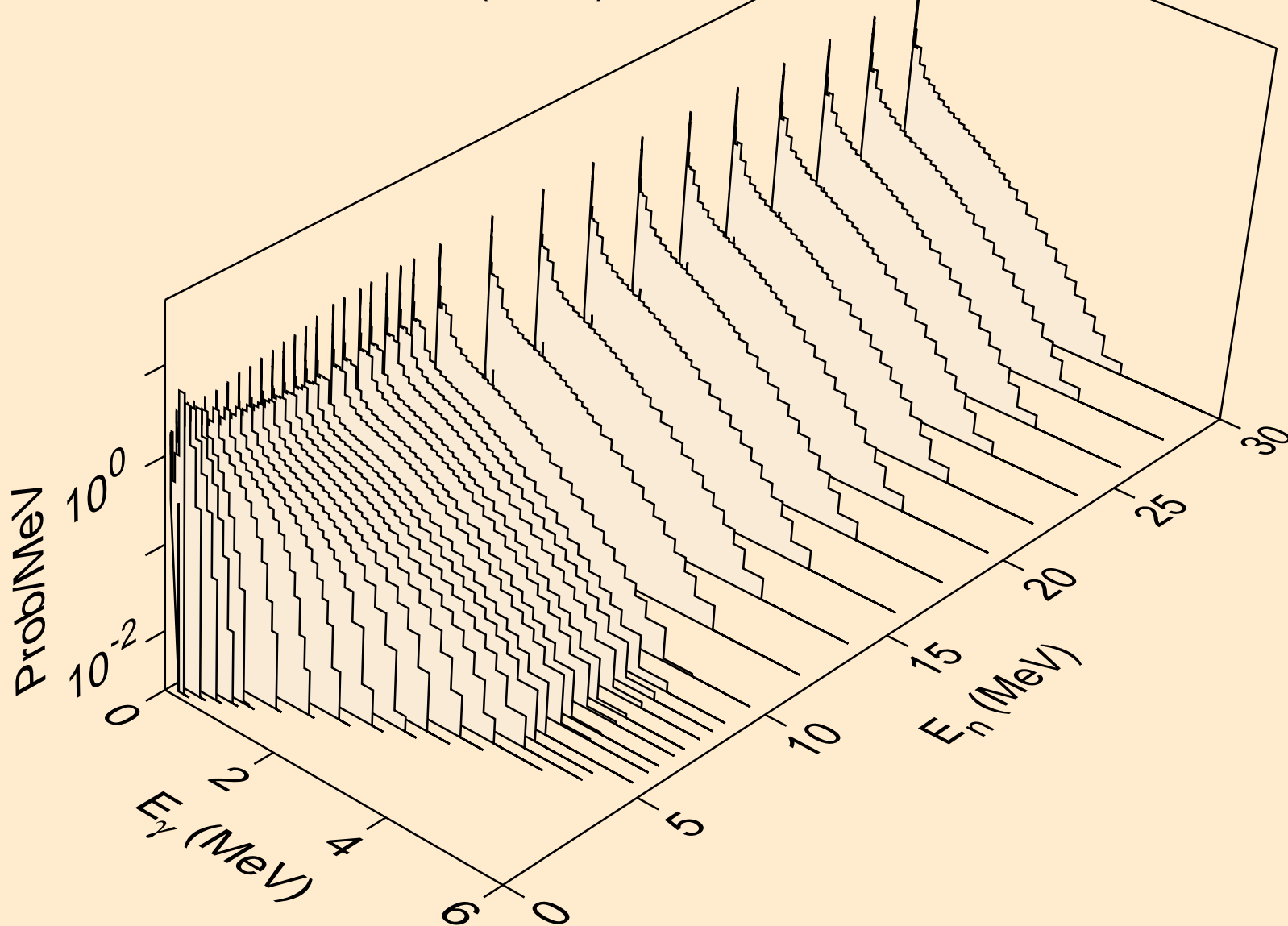
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



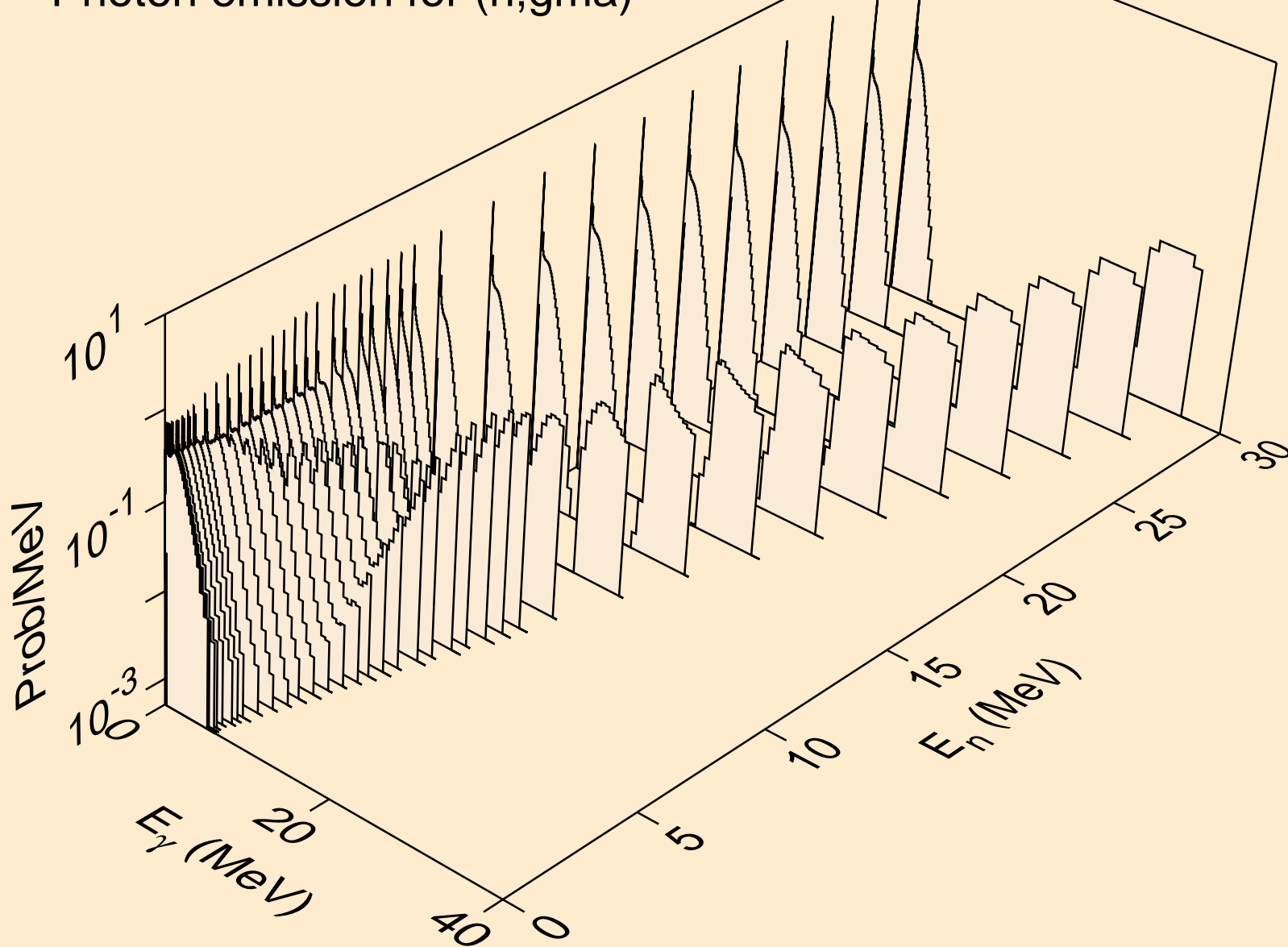
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



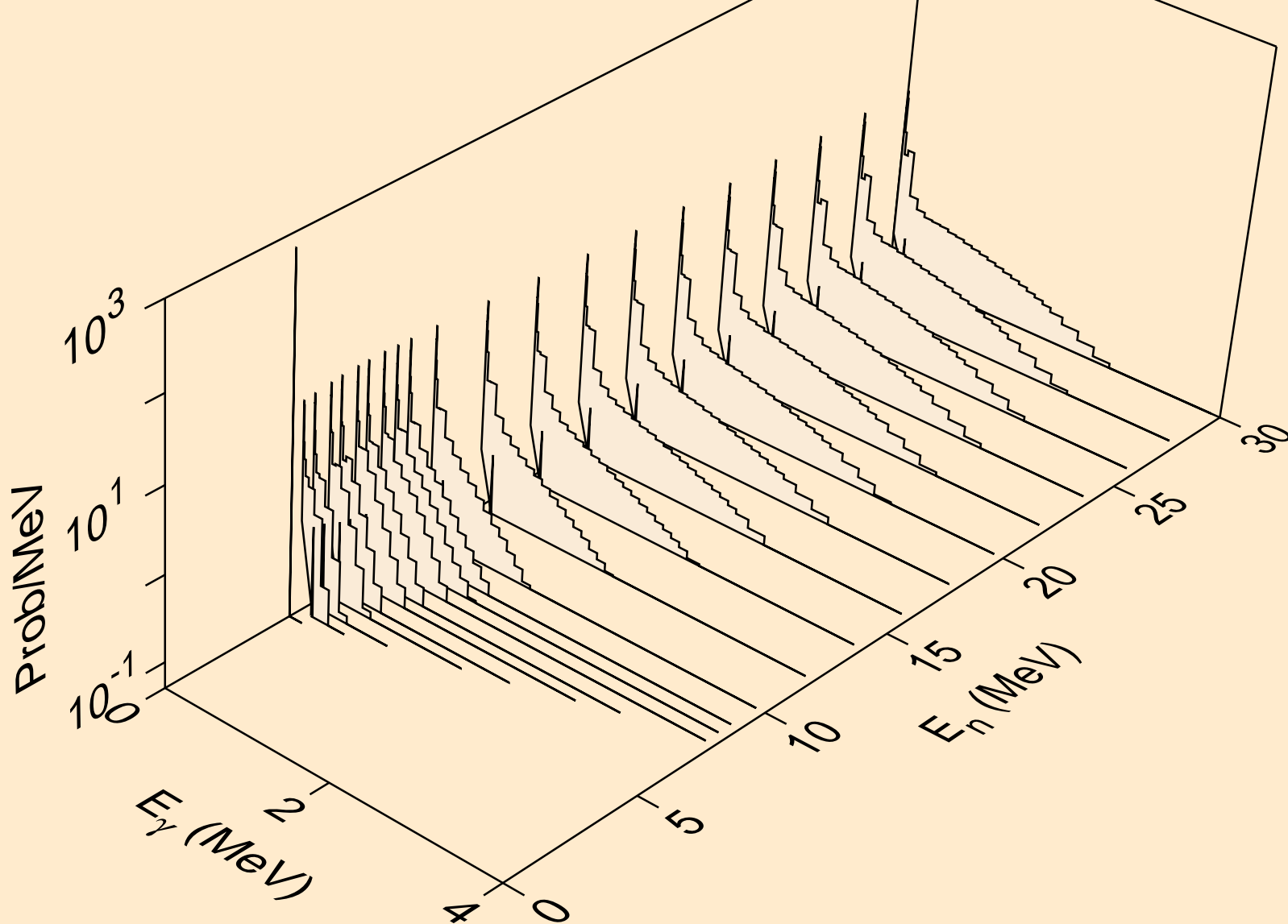
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



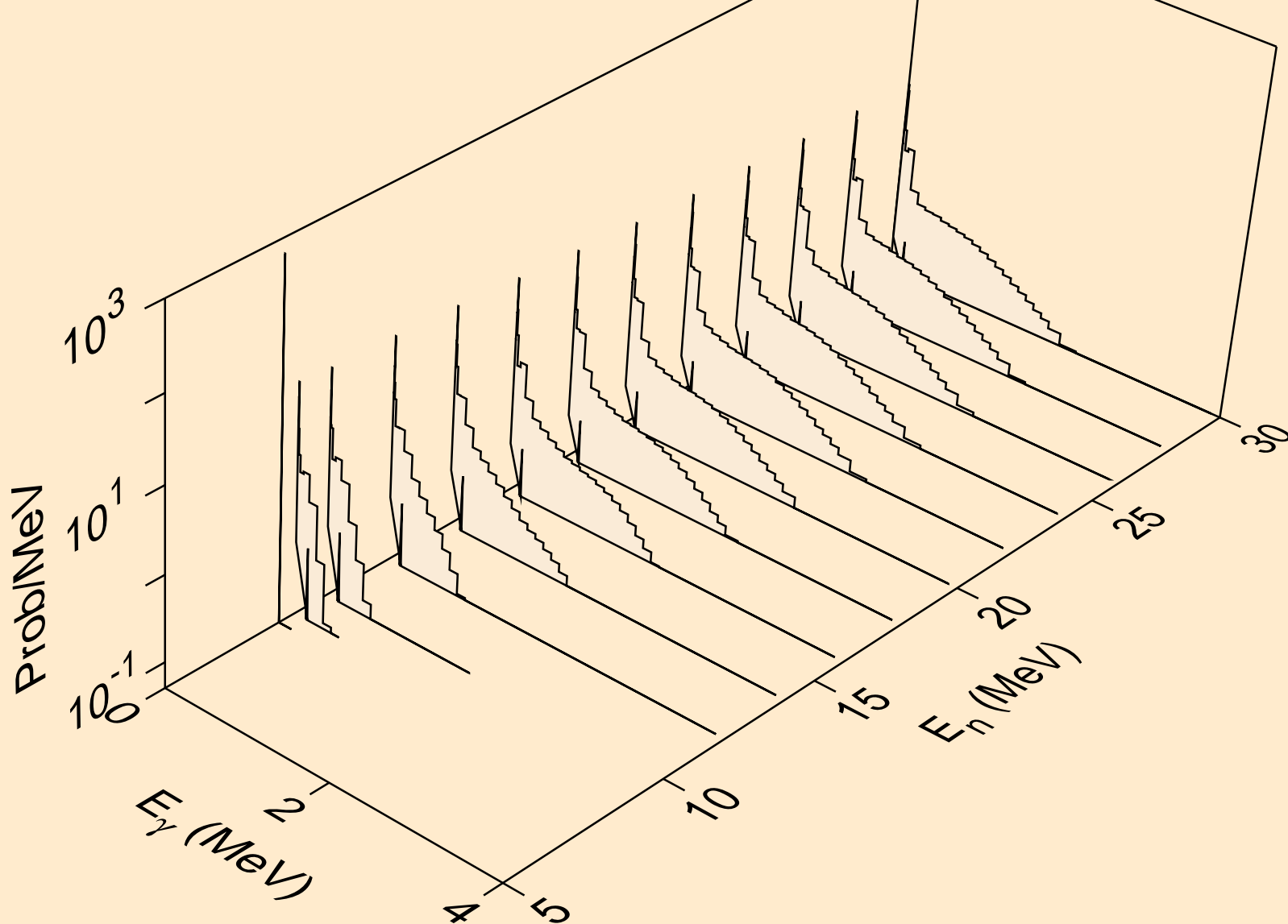
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



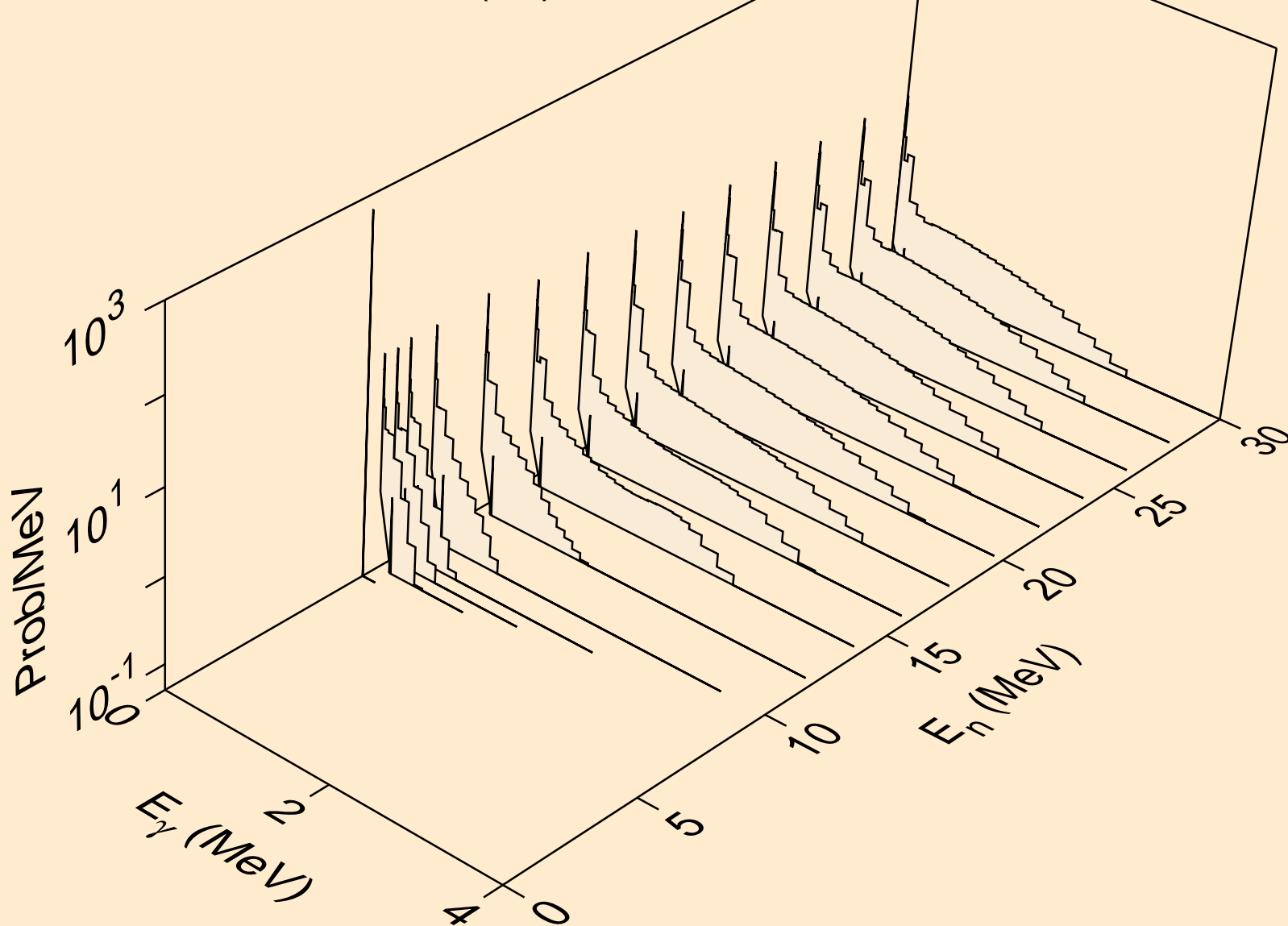
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



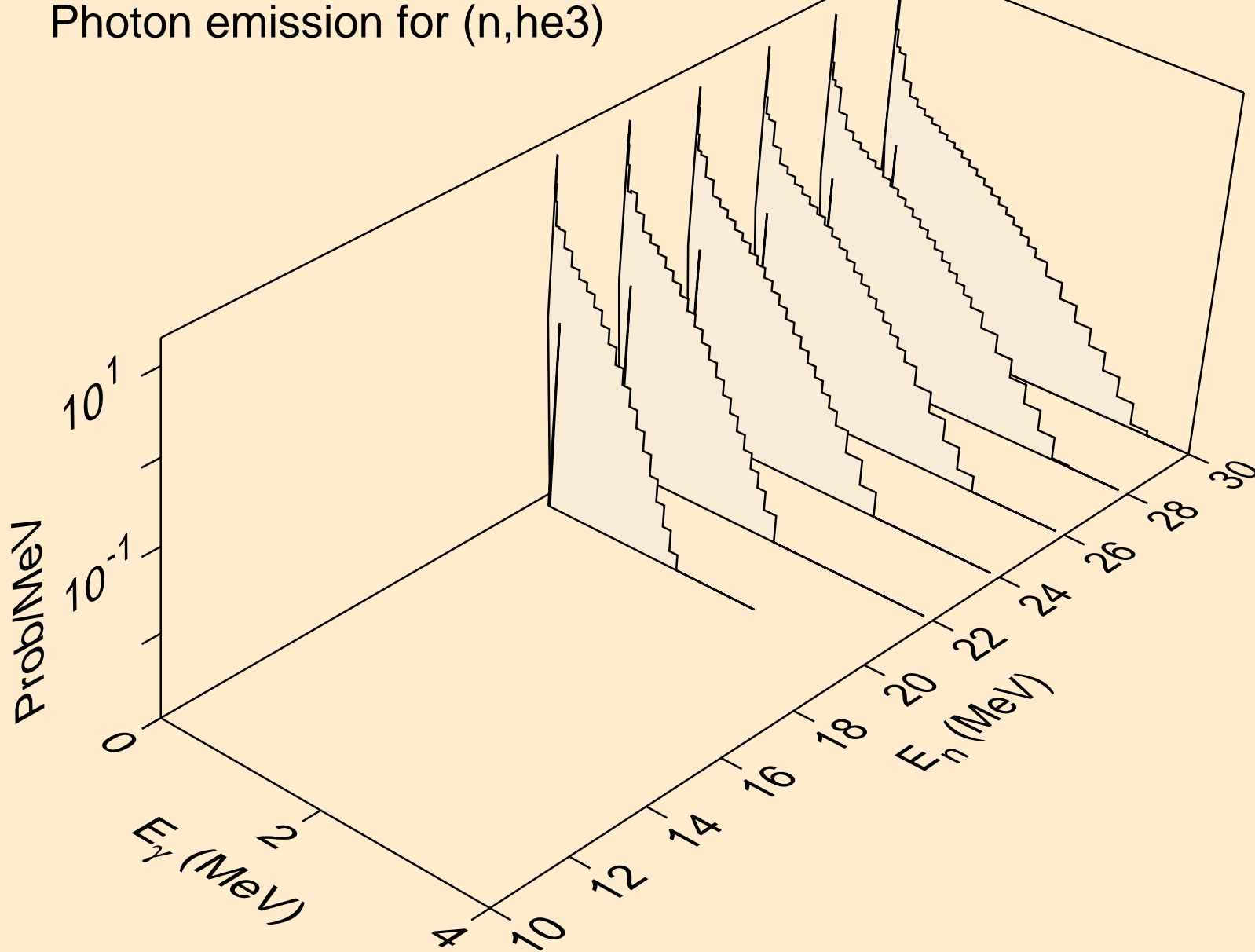
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



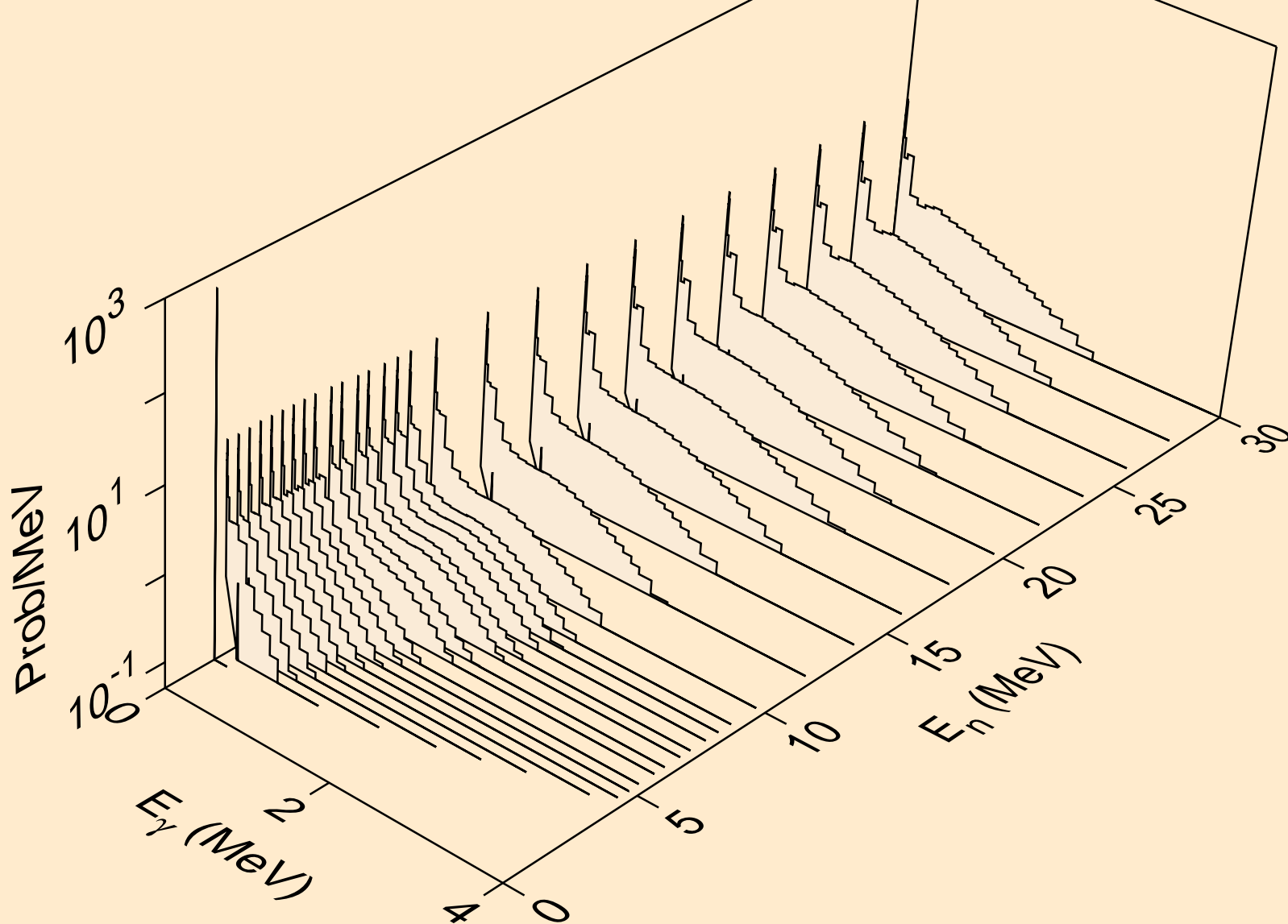
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



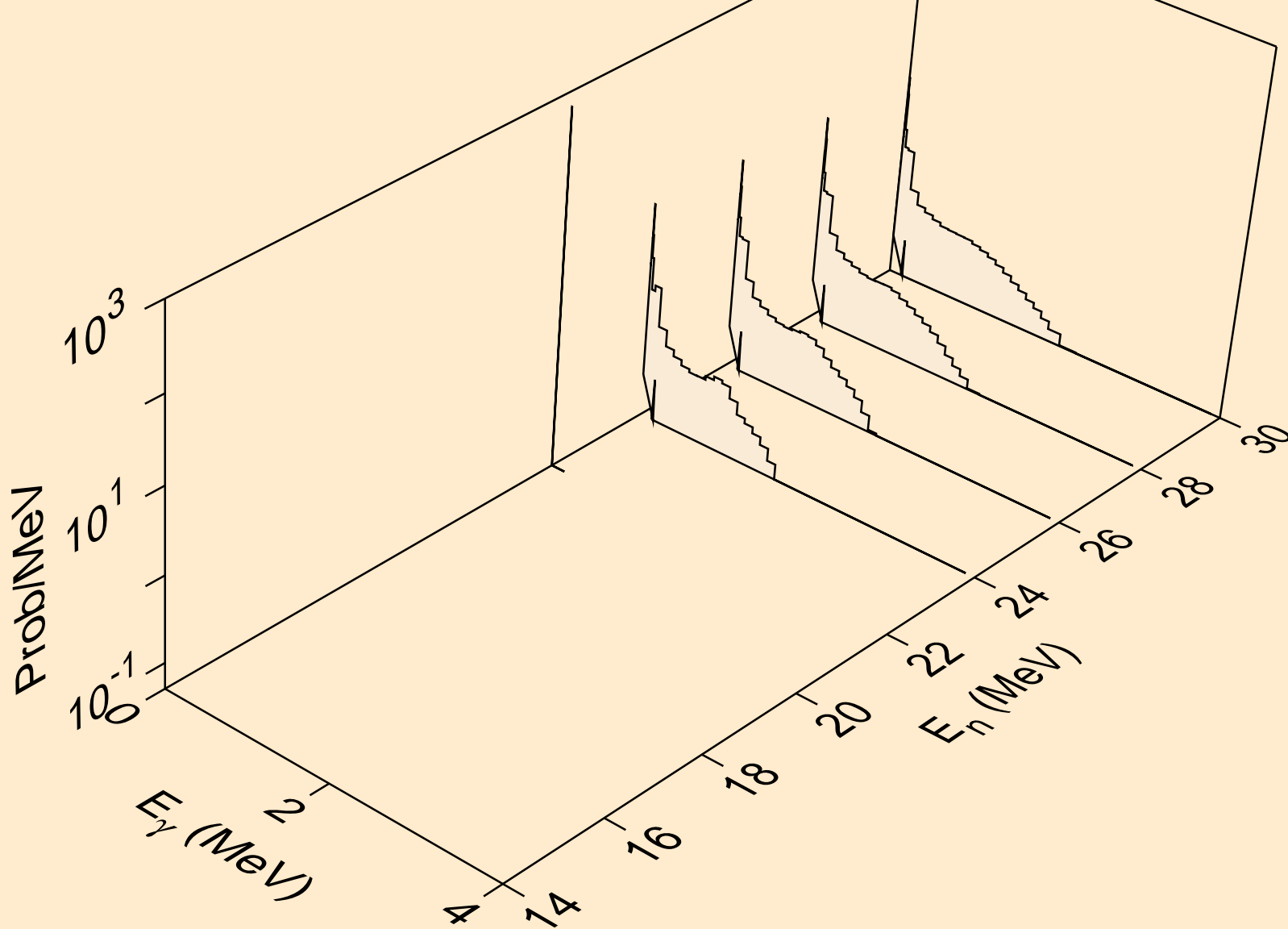
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



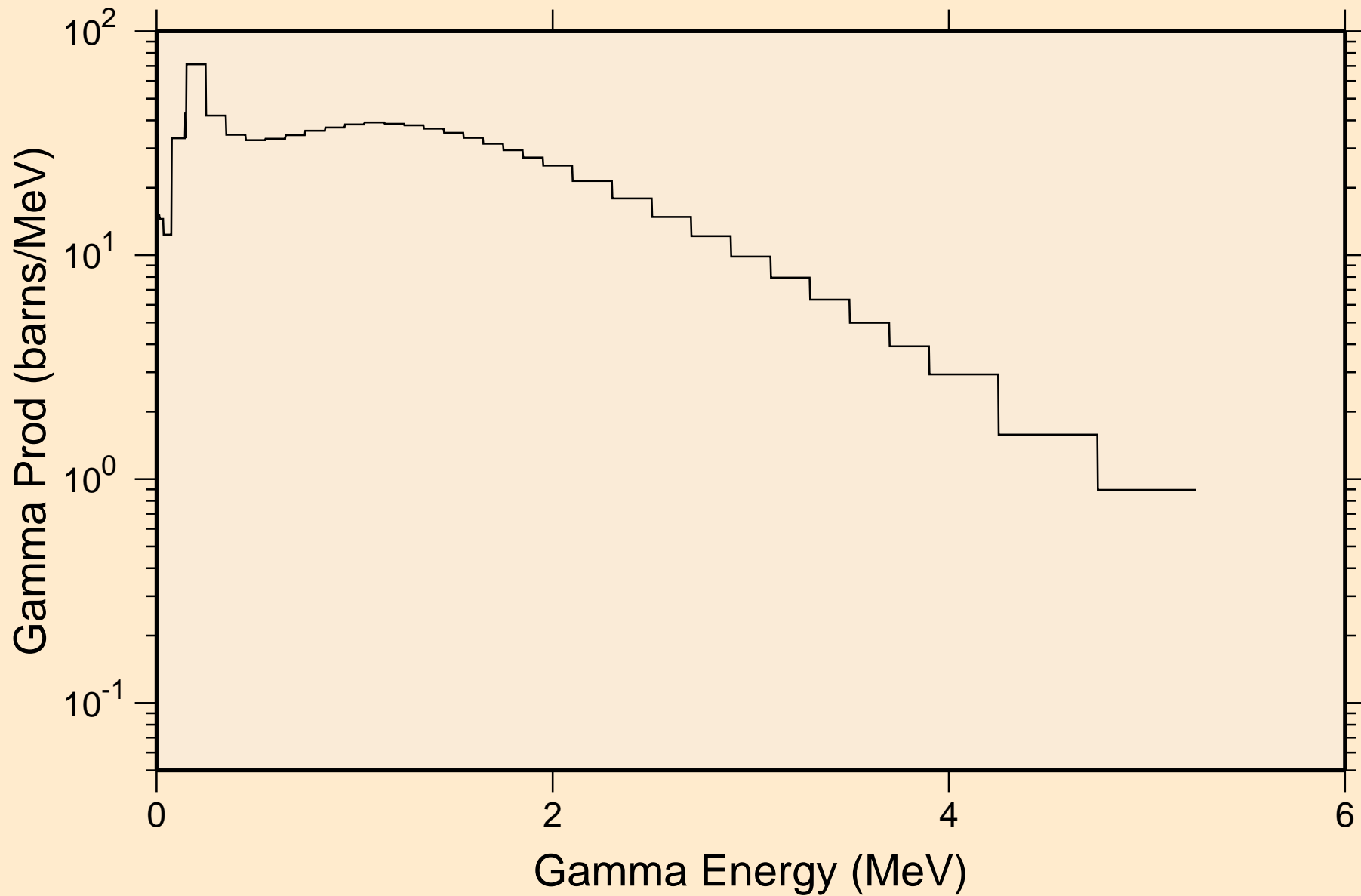
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



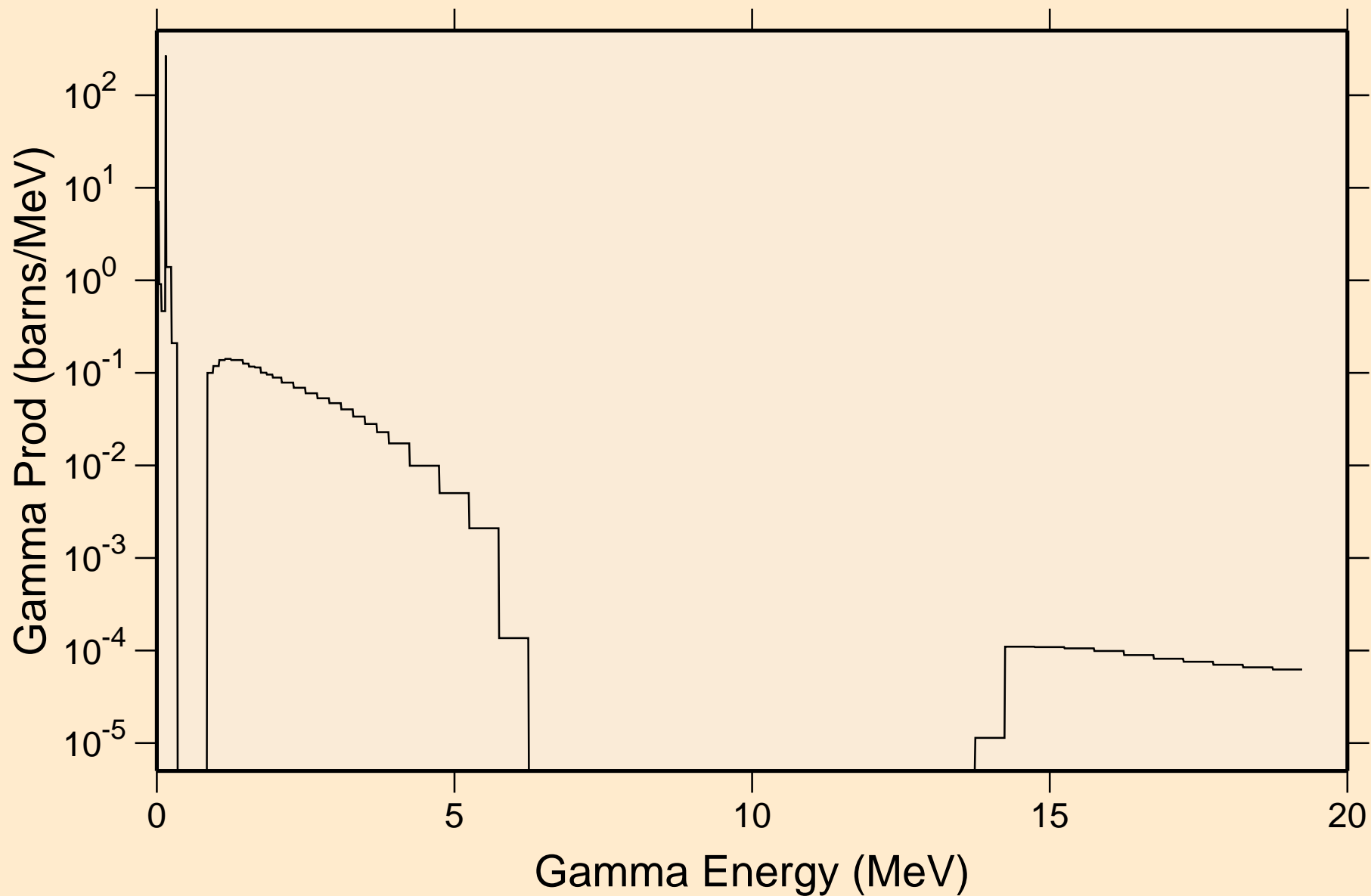
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



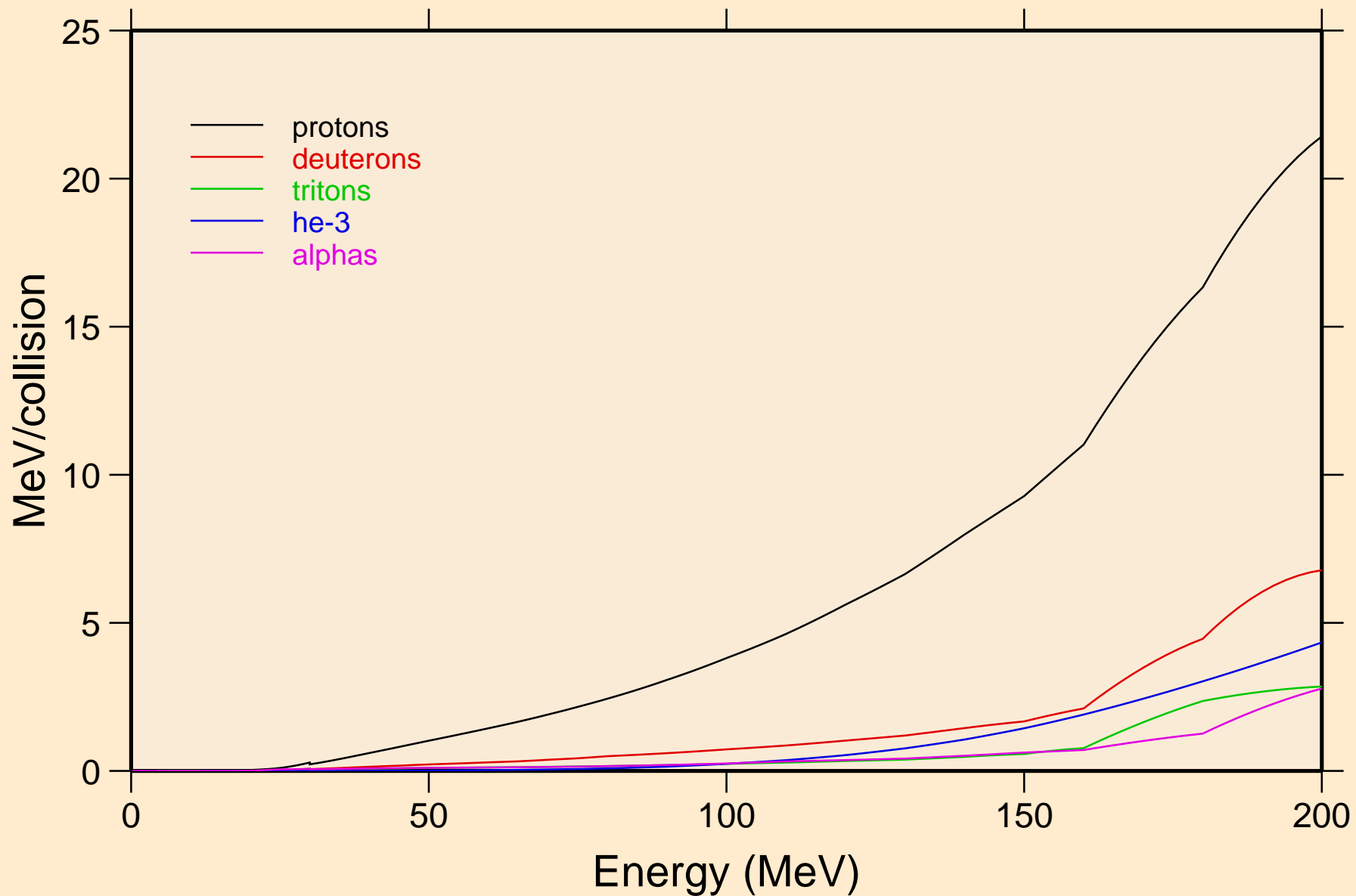
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



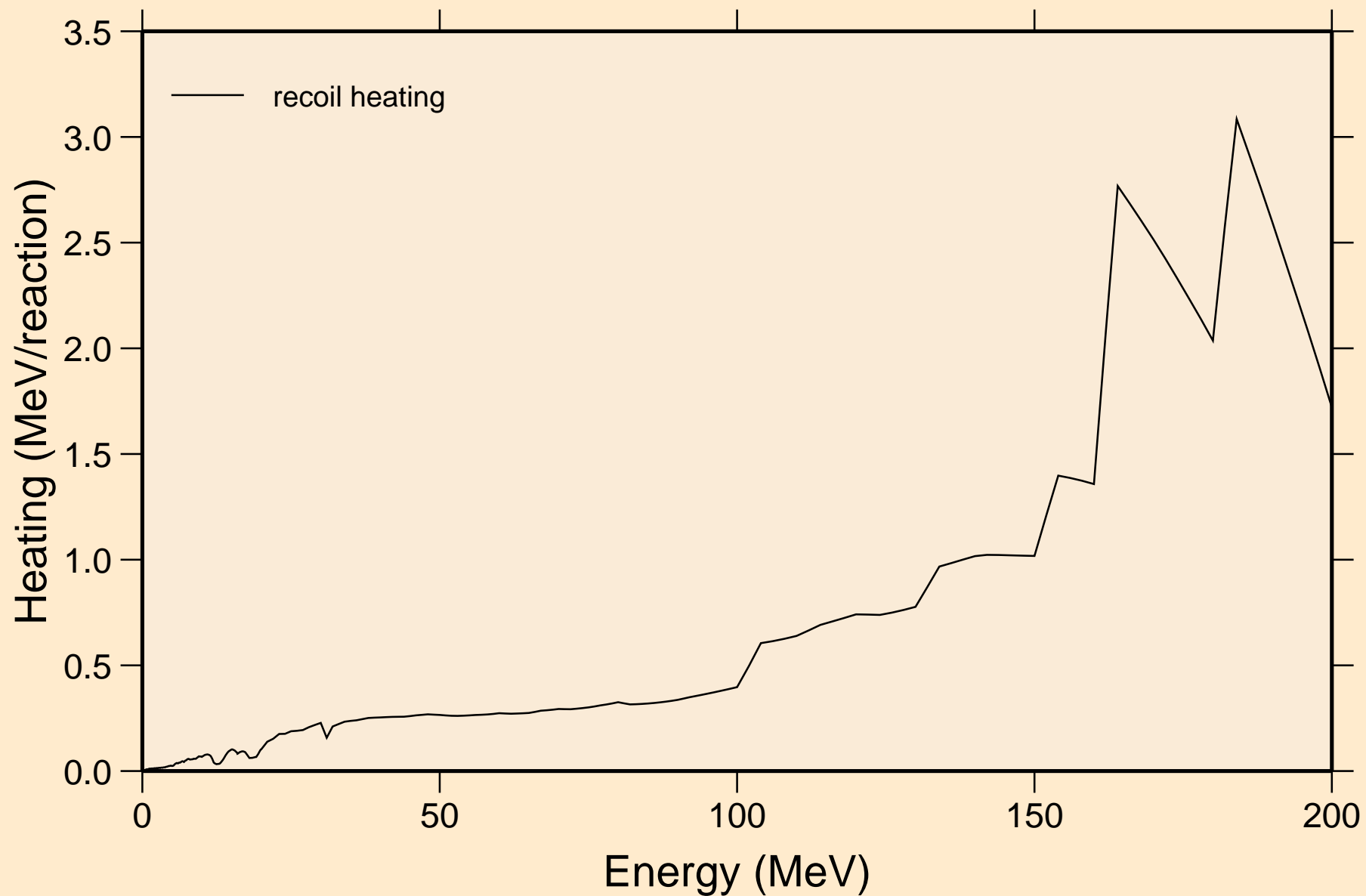
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



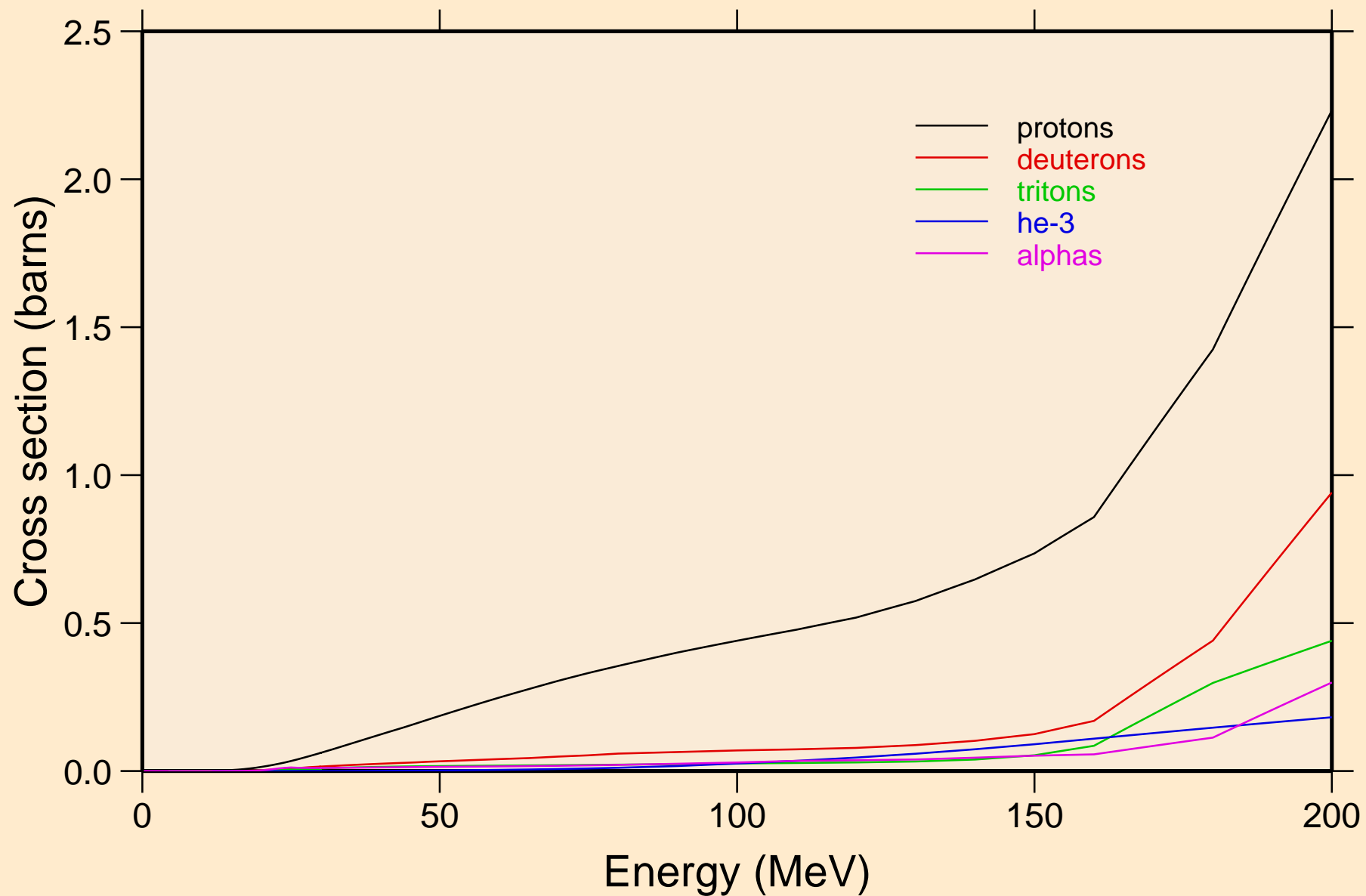
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



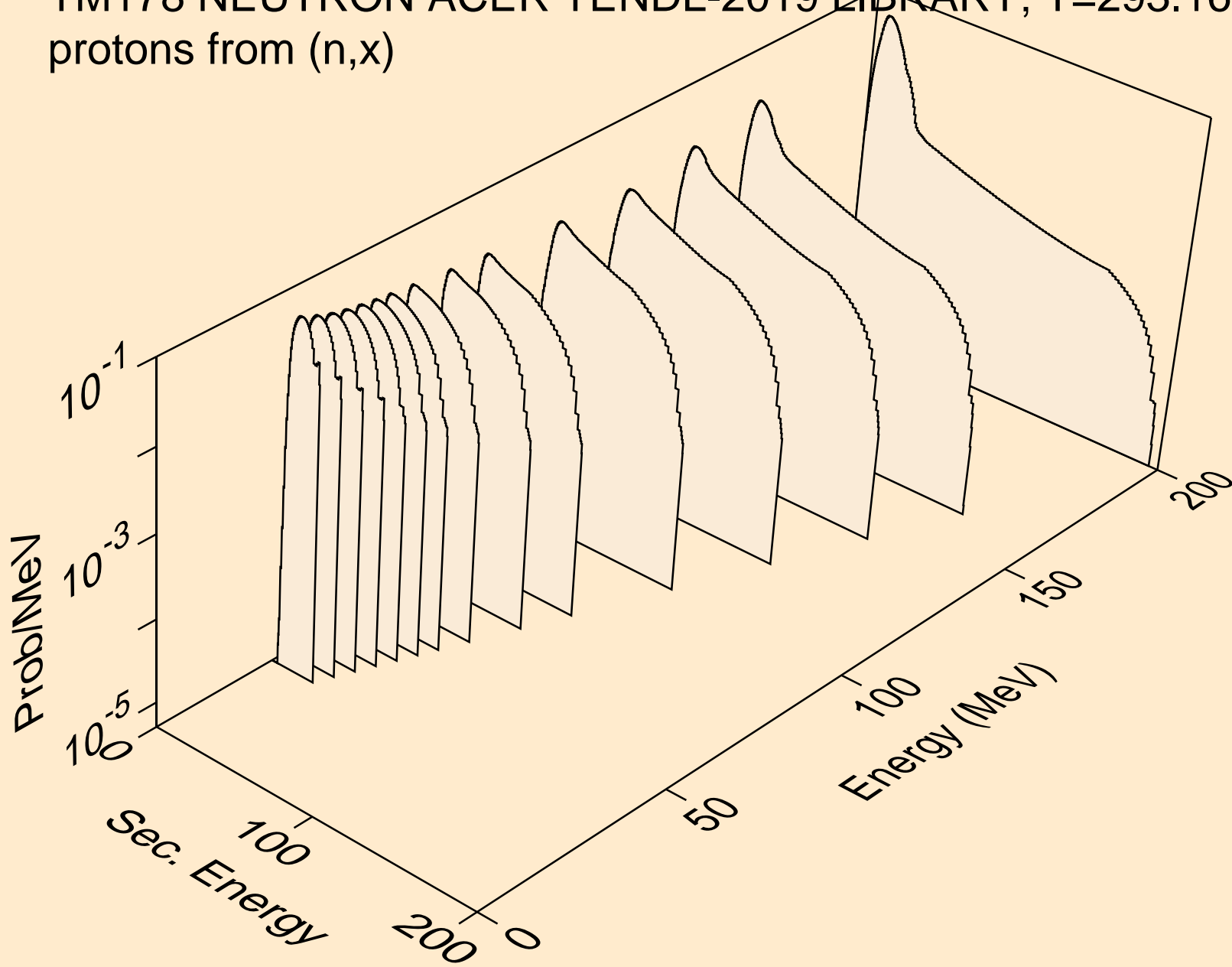
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Recoil Heating



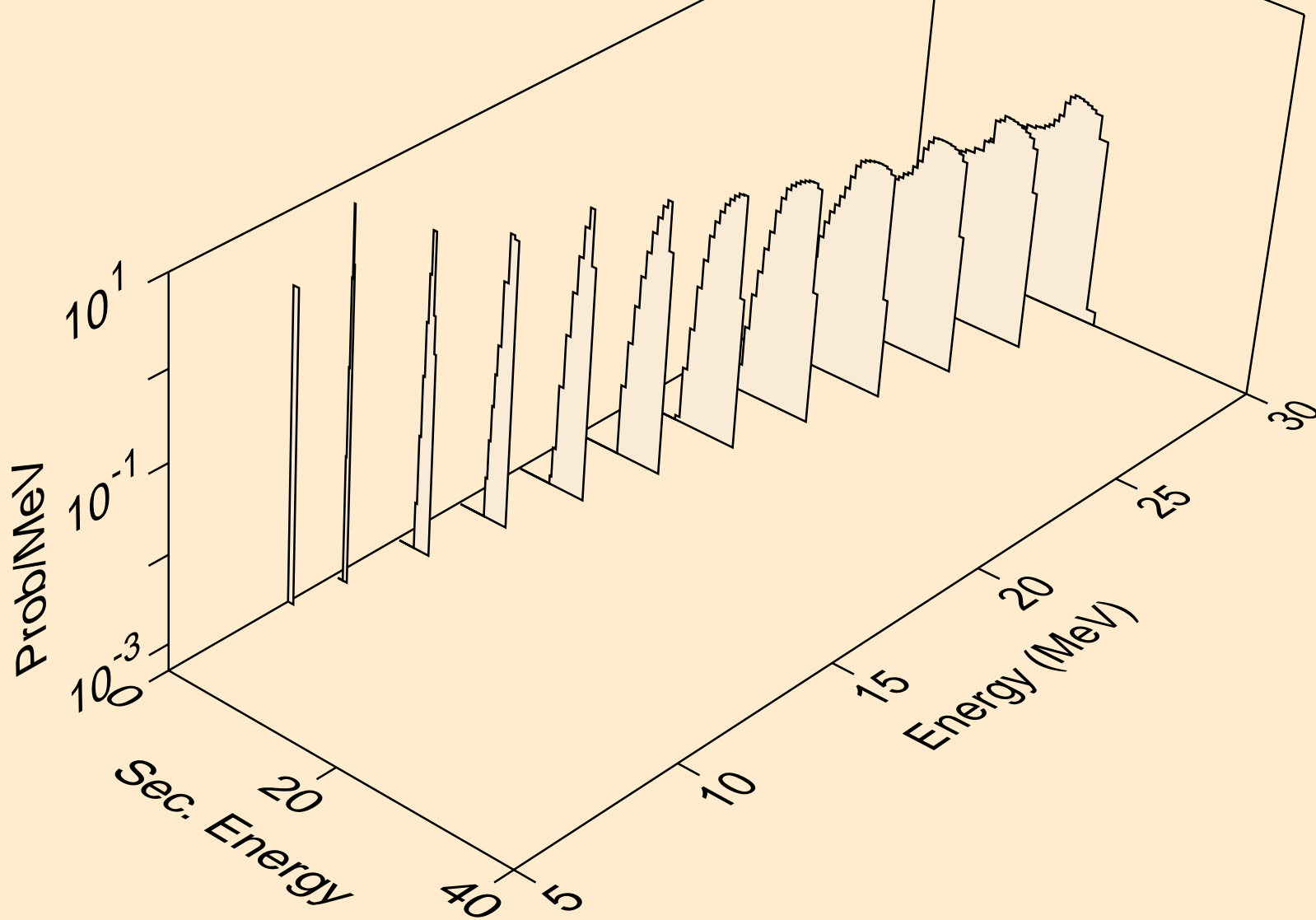
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



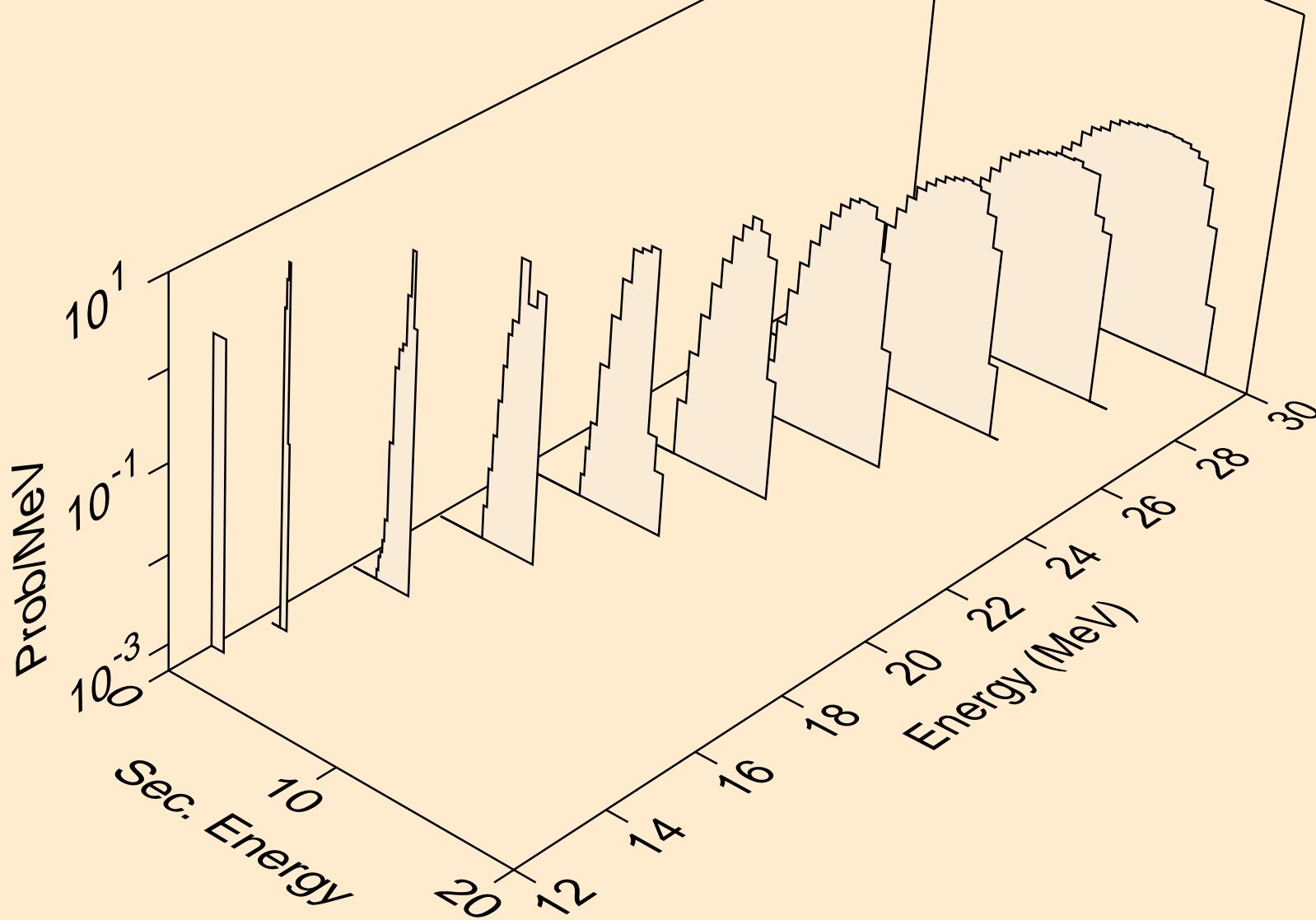
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



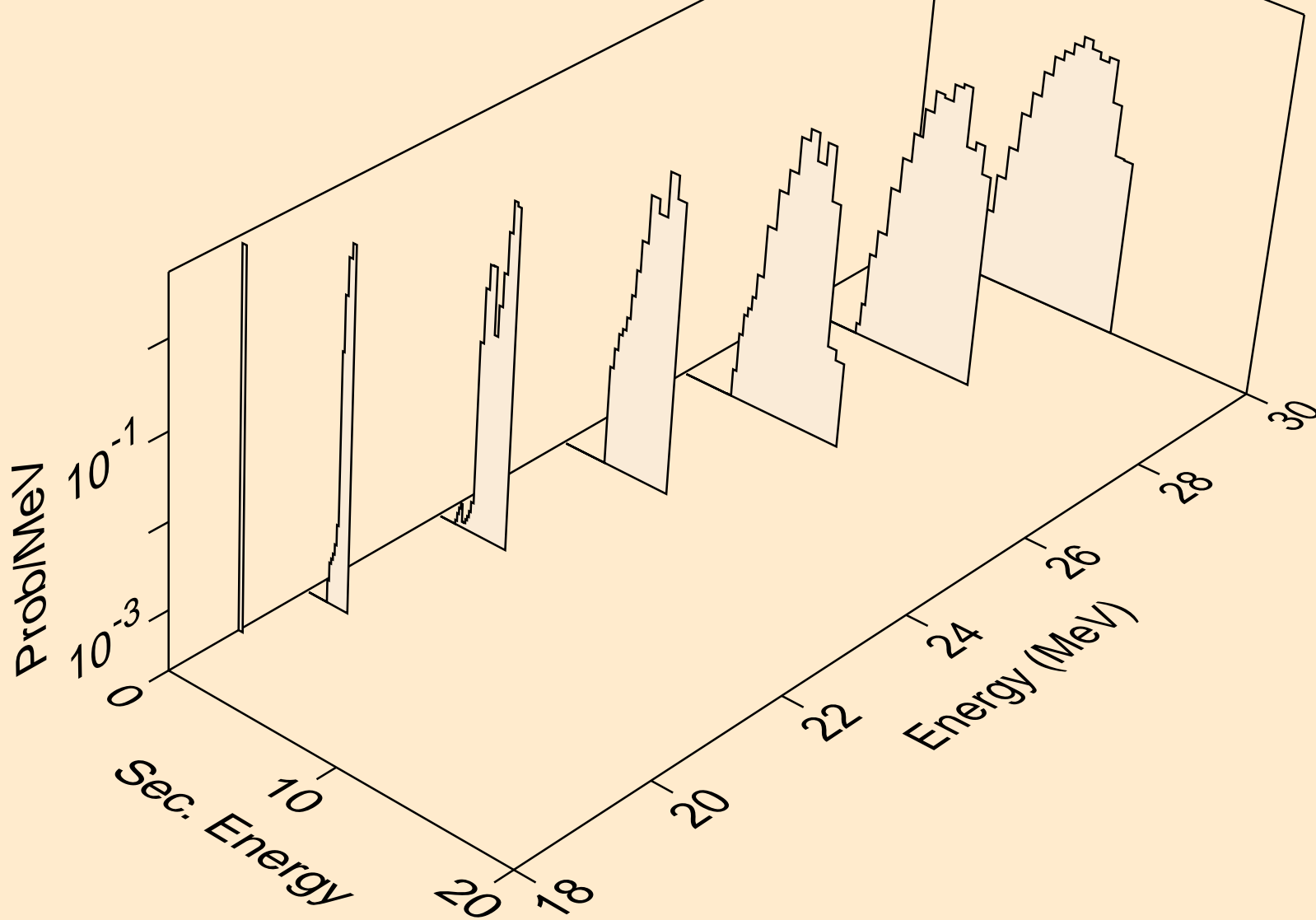
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



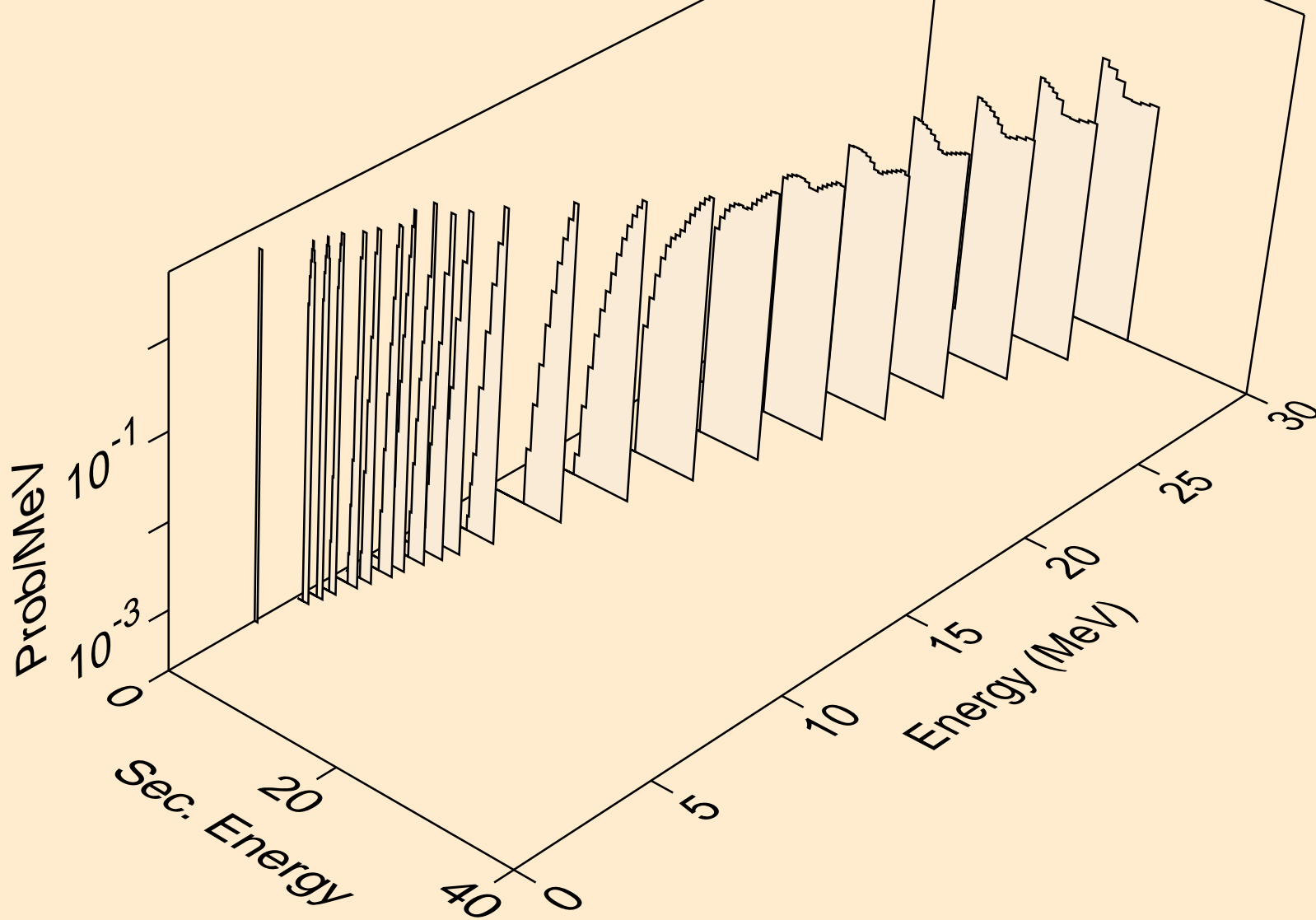
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



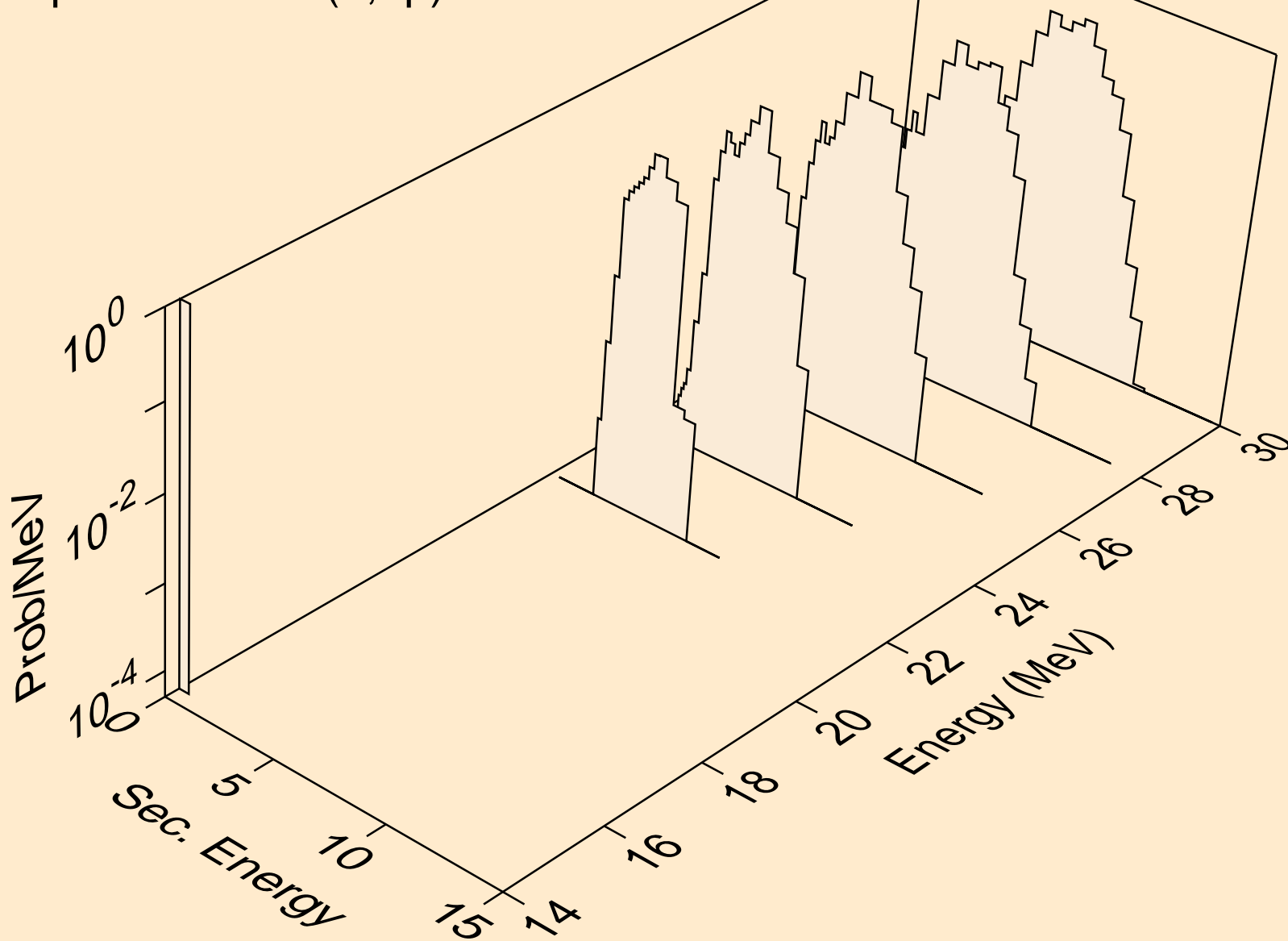
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protons from (n,3np)



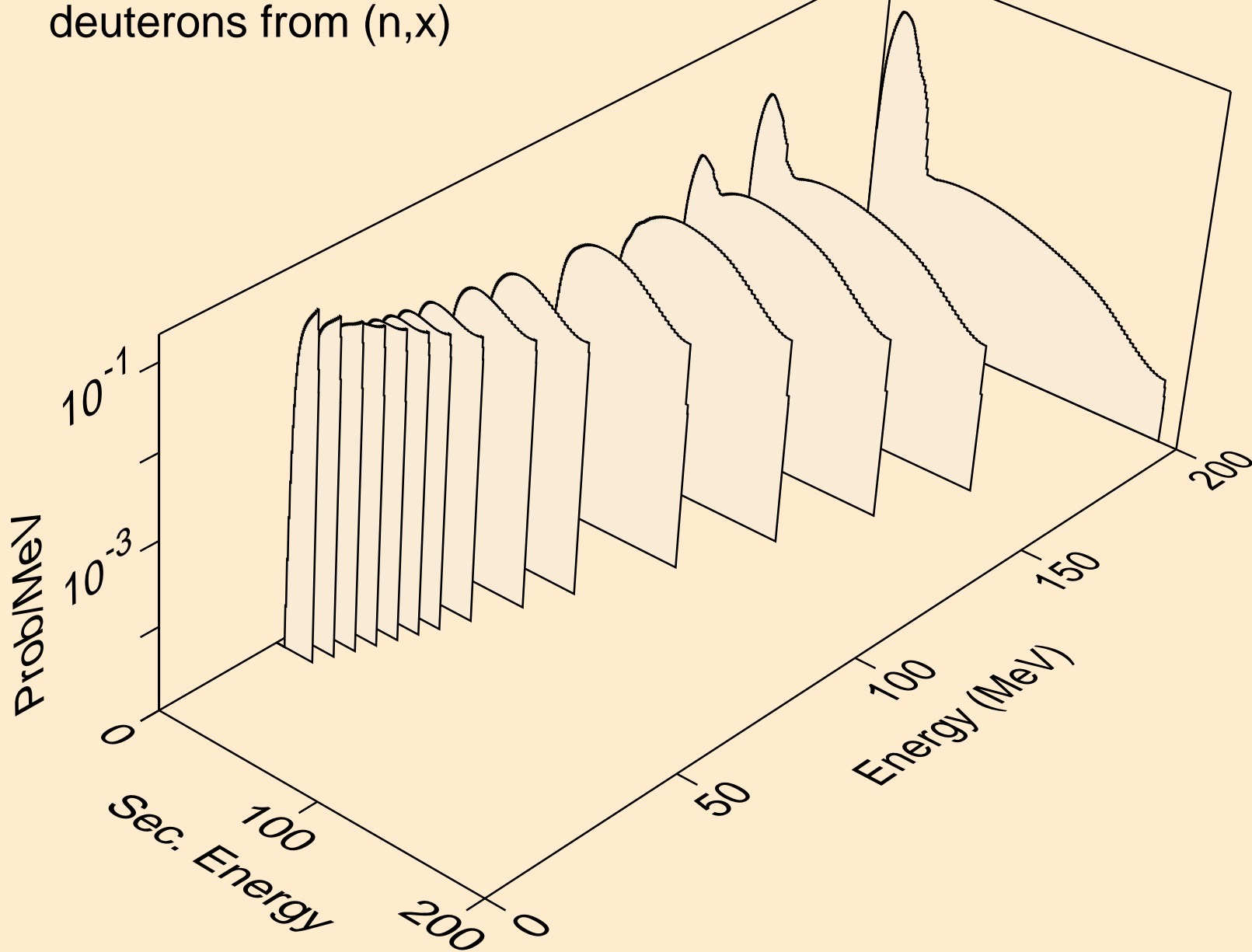
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



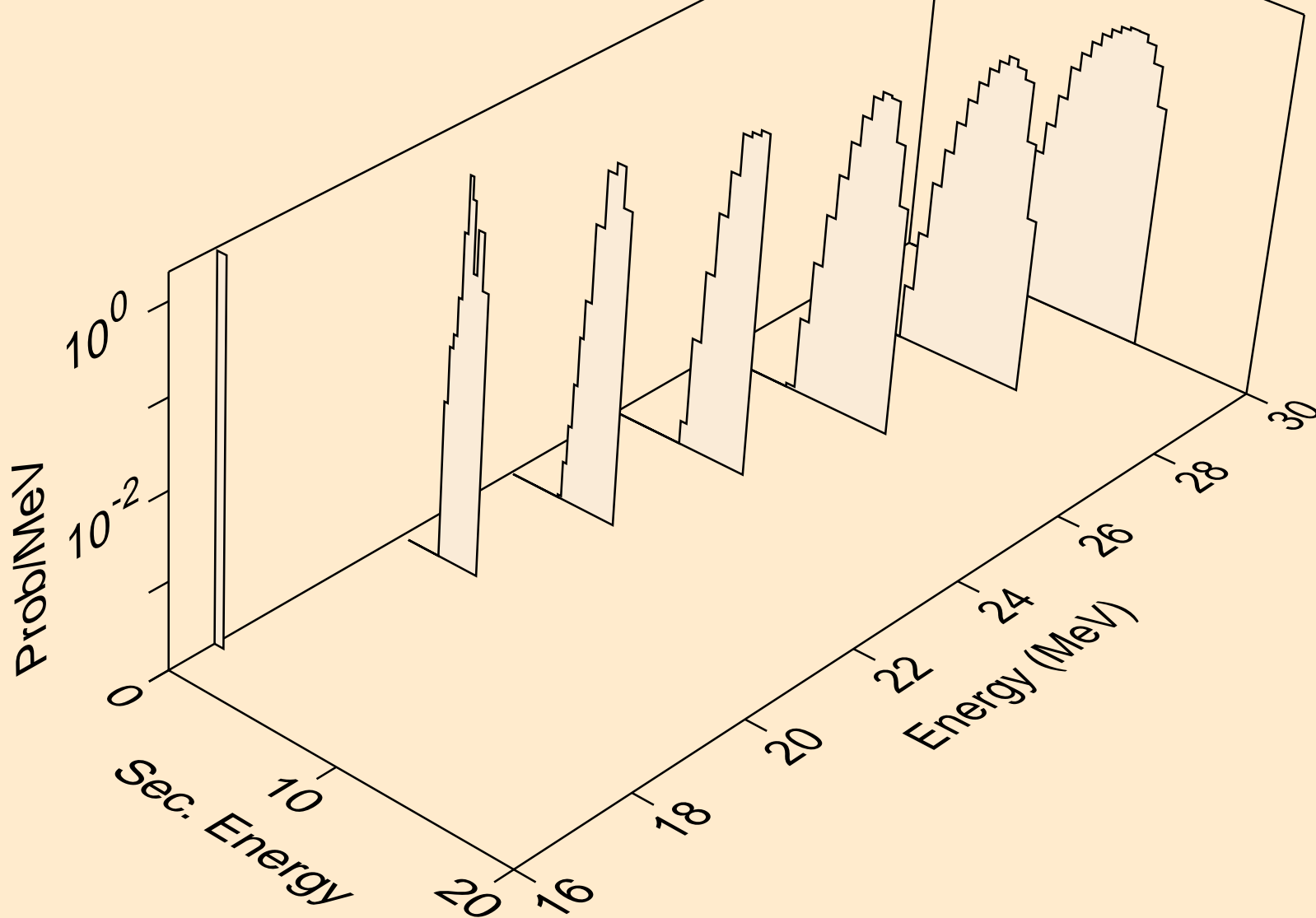
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



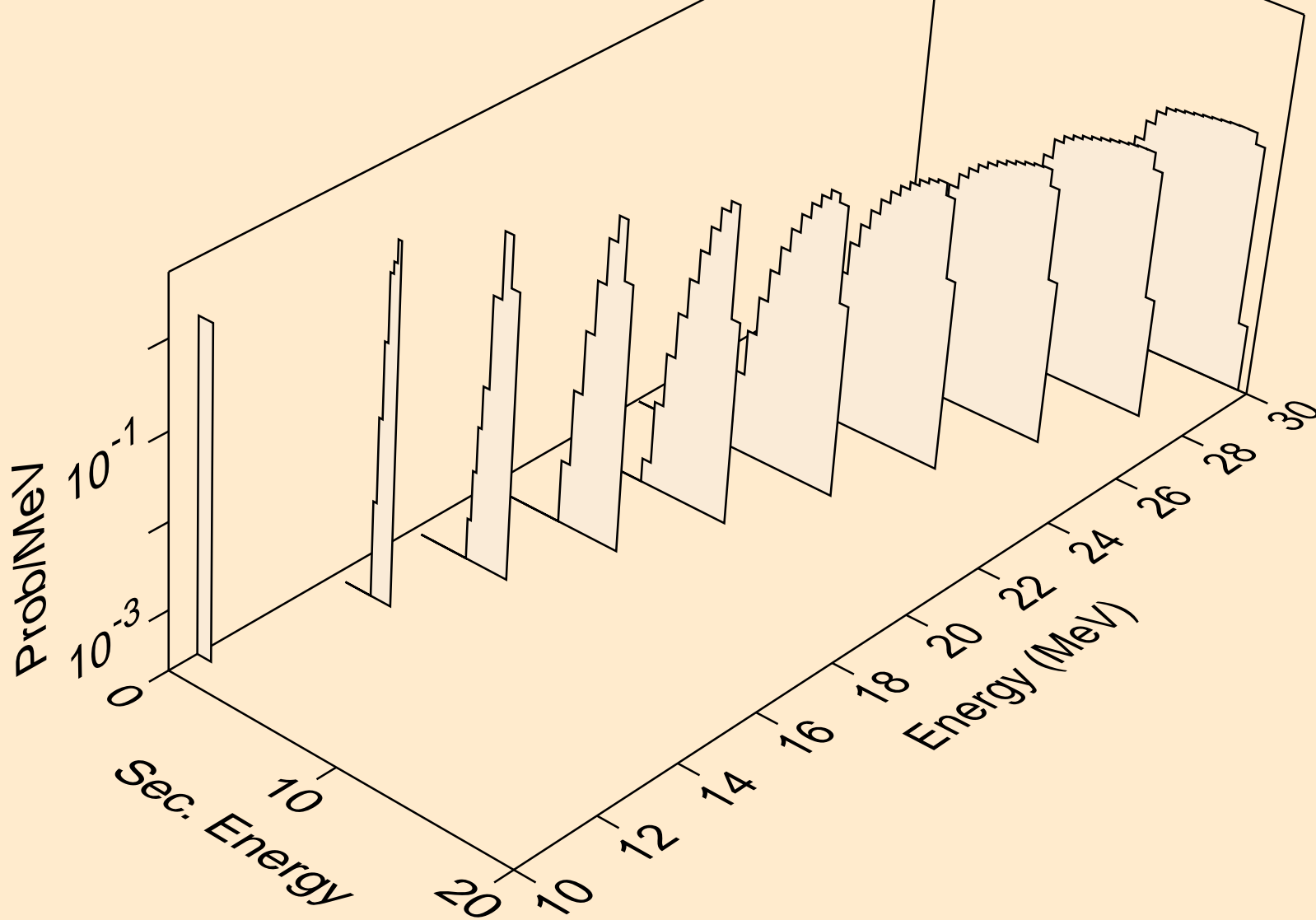
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



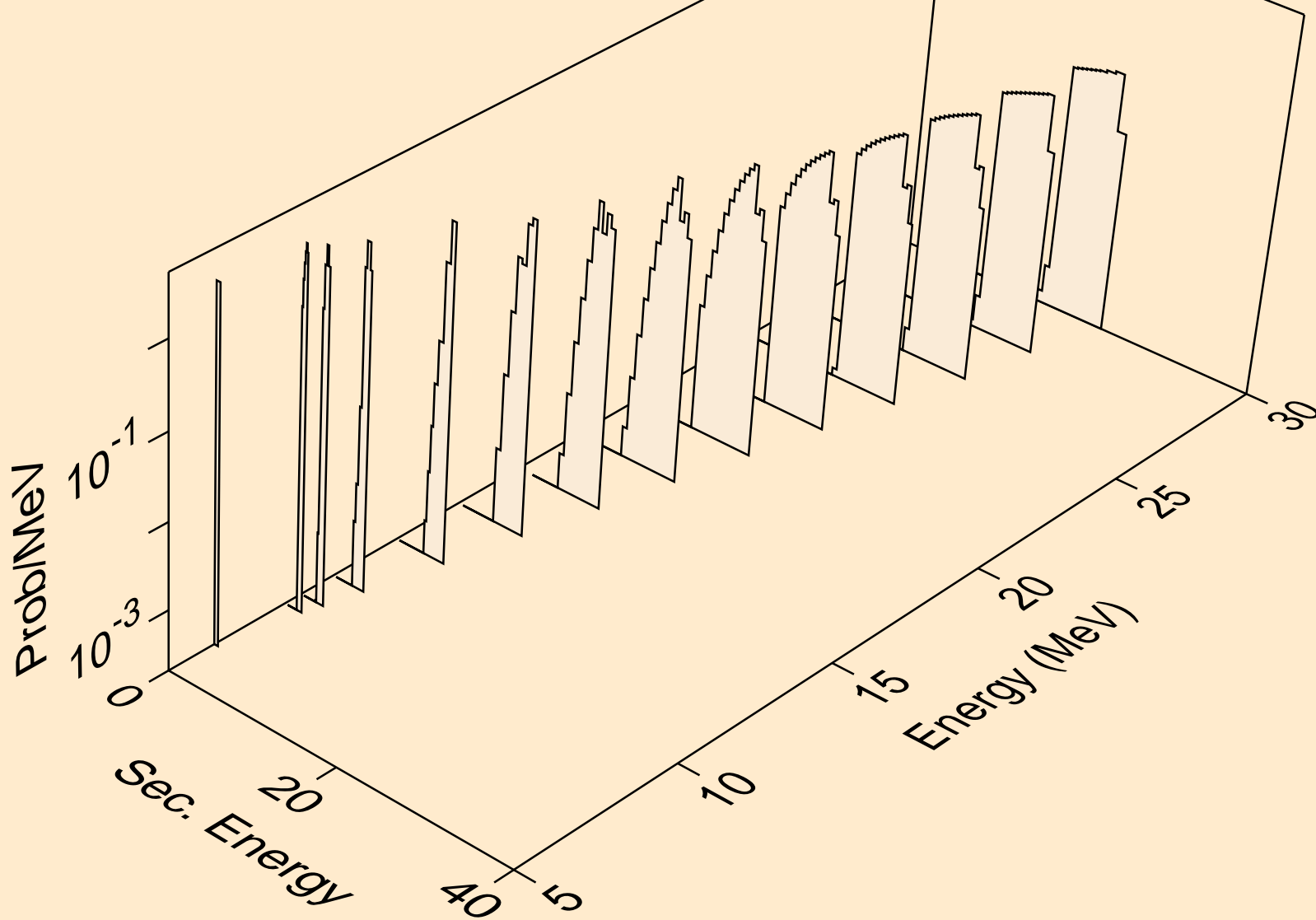
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deuterons from (n,2nd)



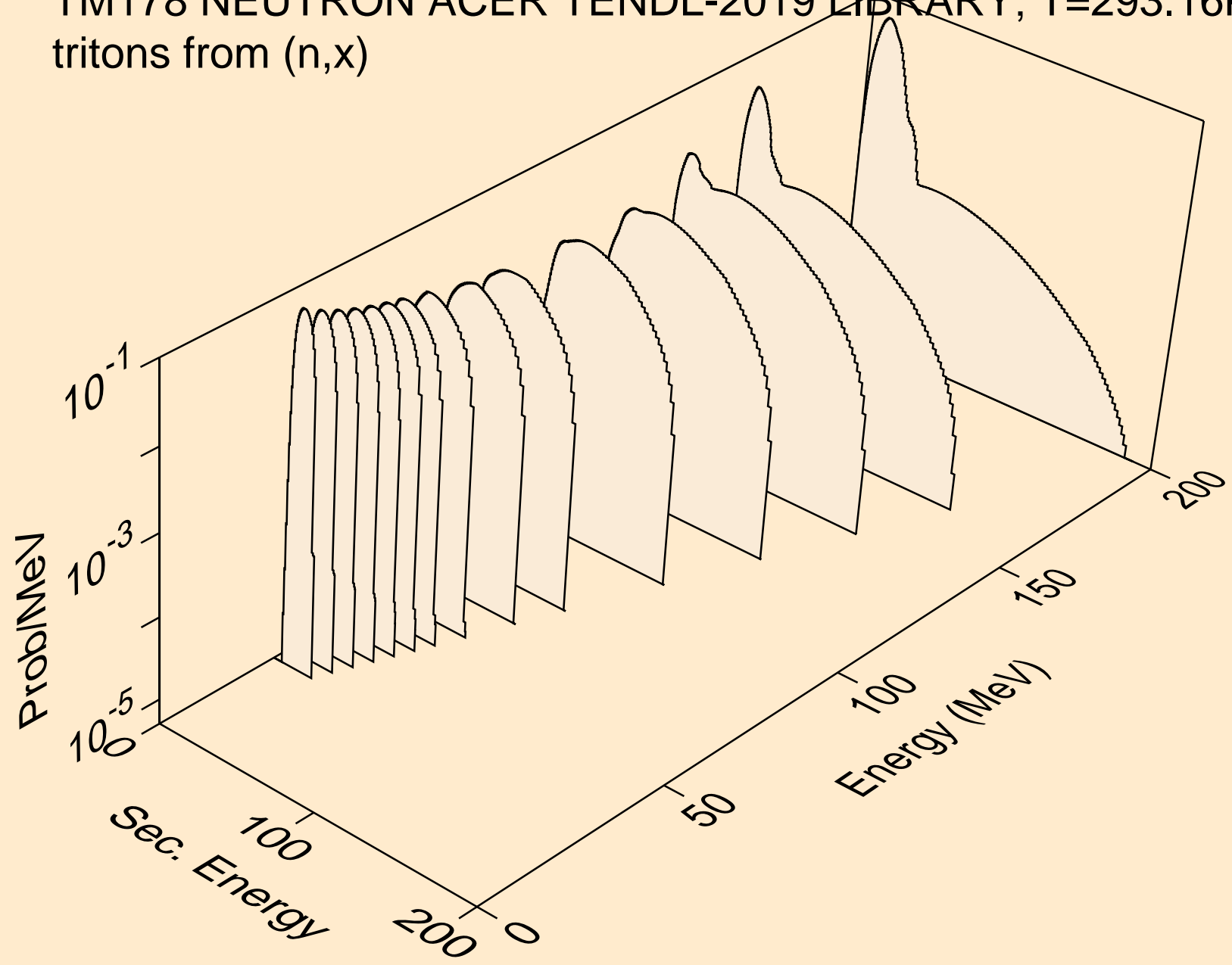
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



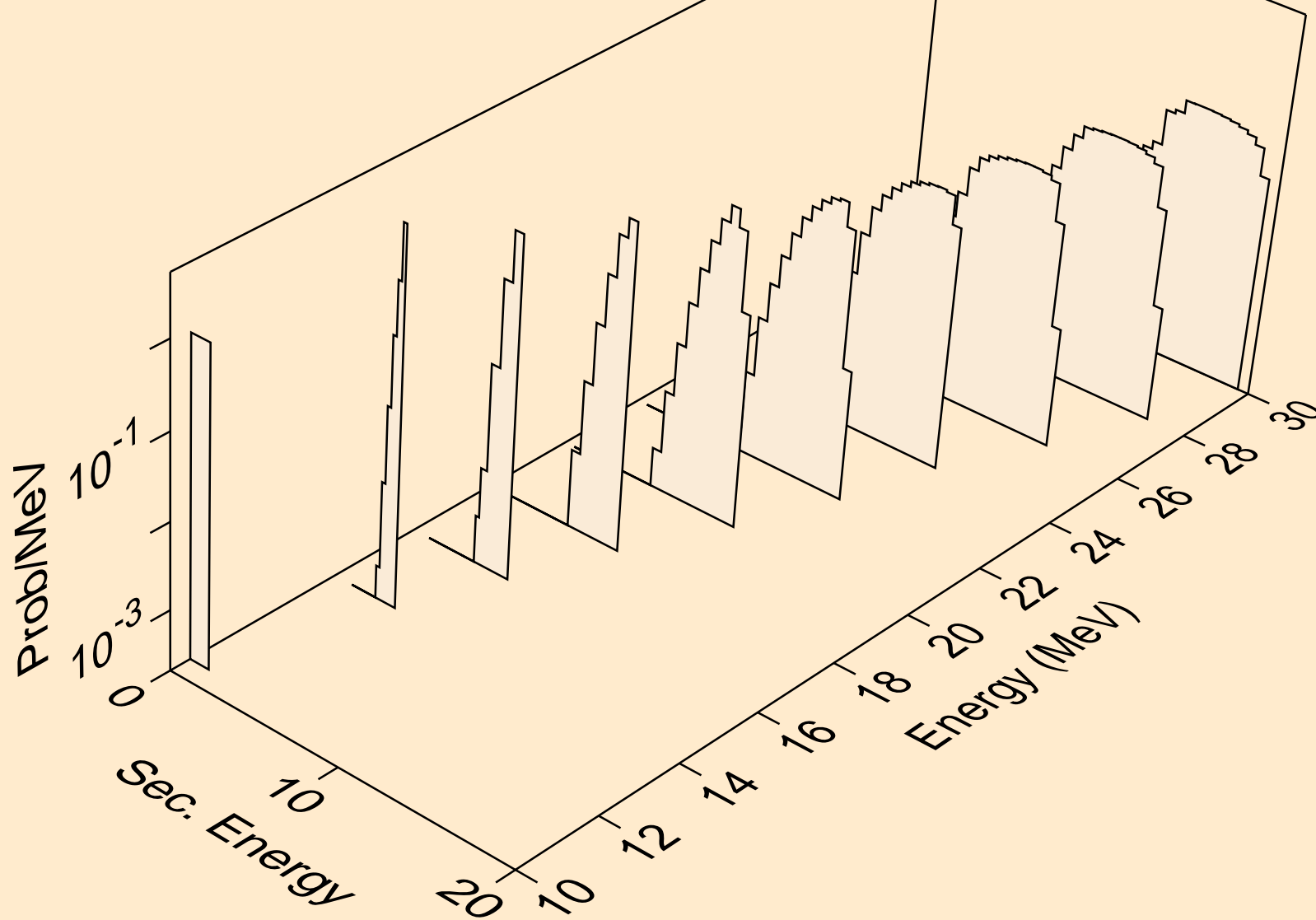
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deuterons from (n,d)



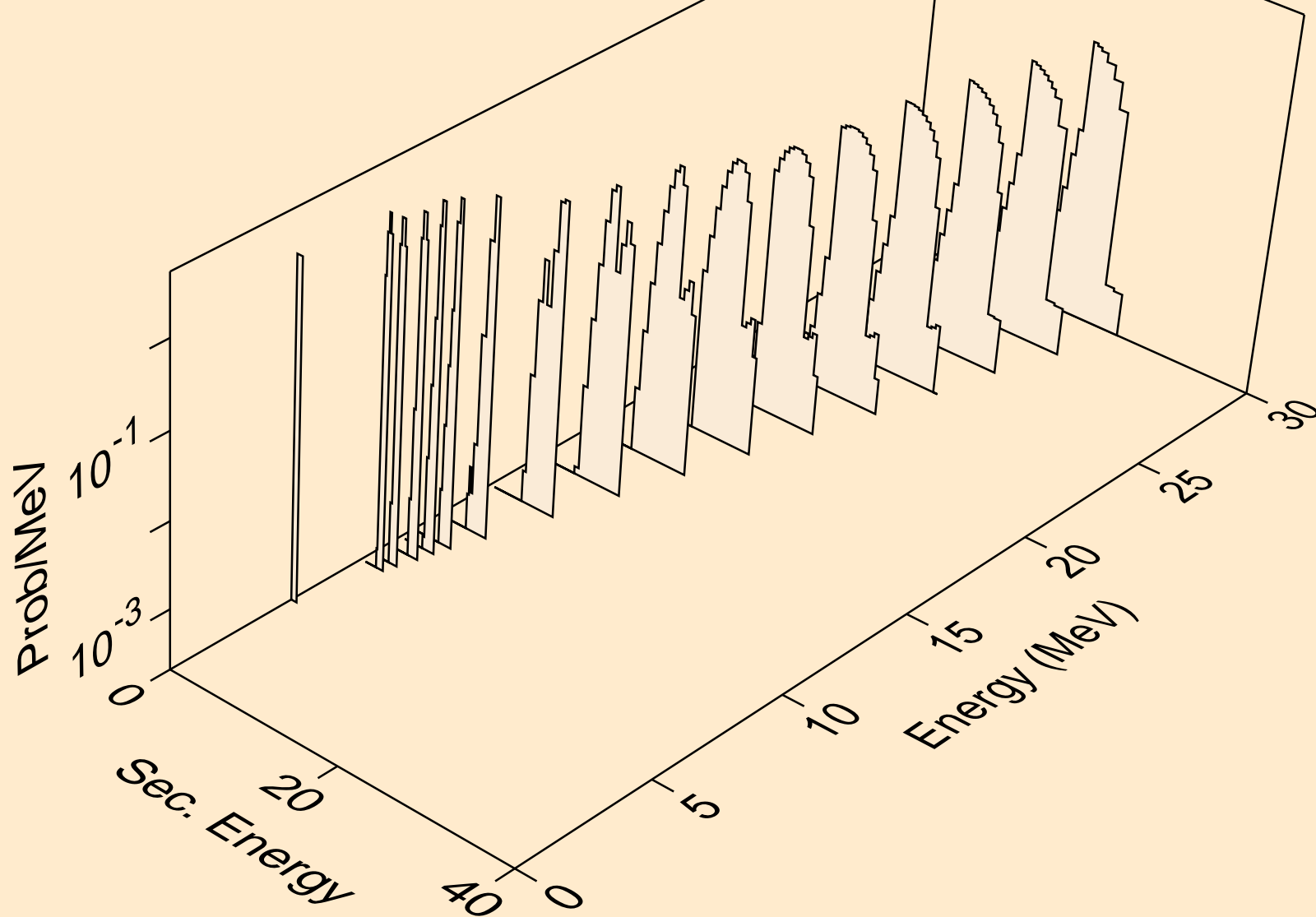
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tritons from (n,x)



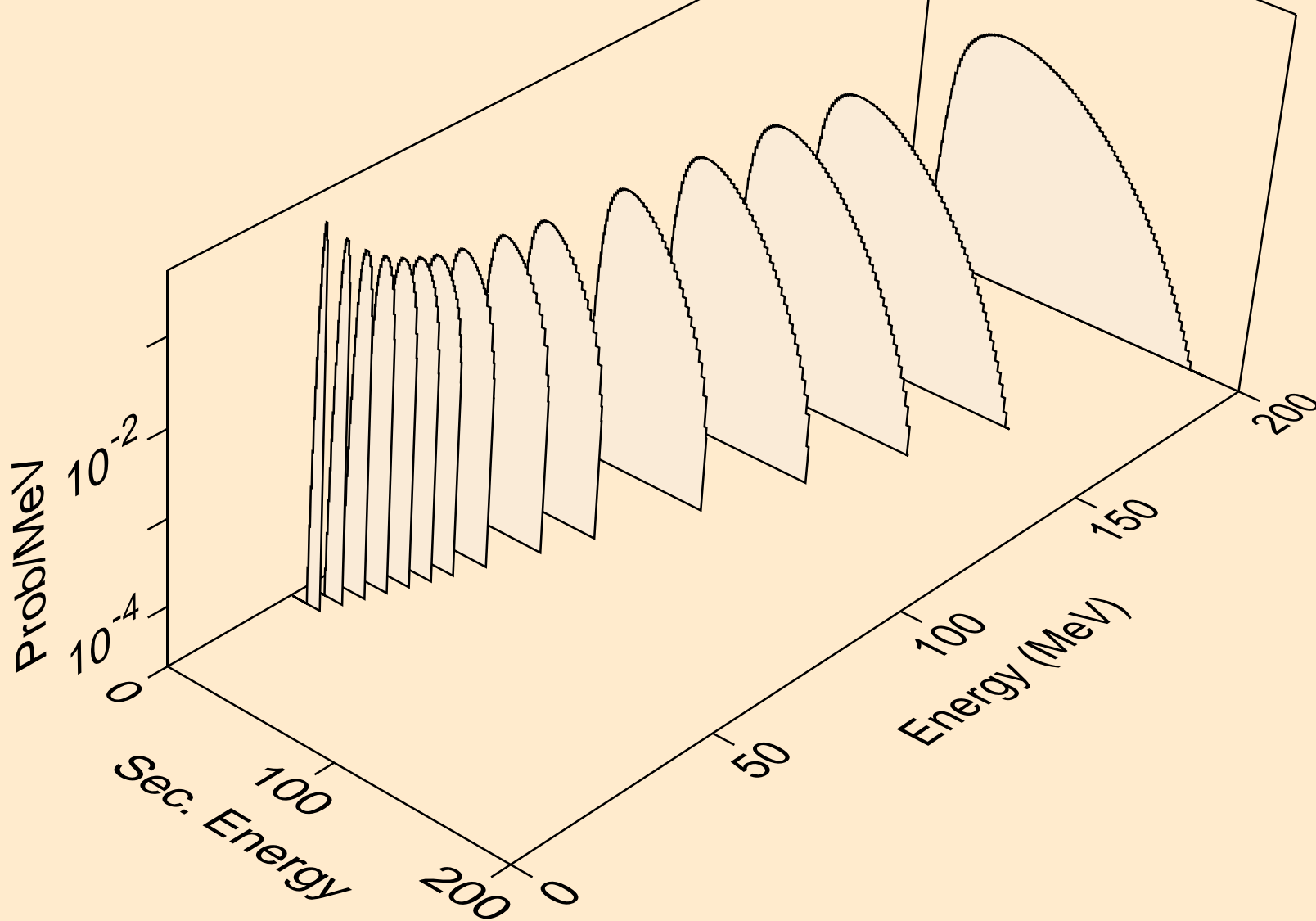
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



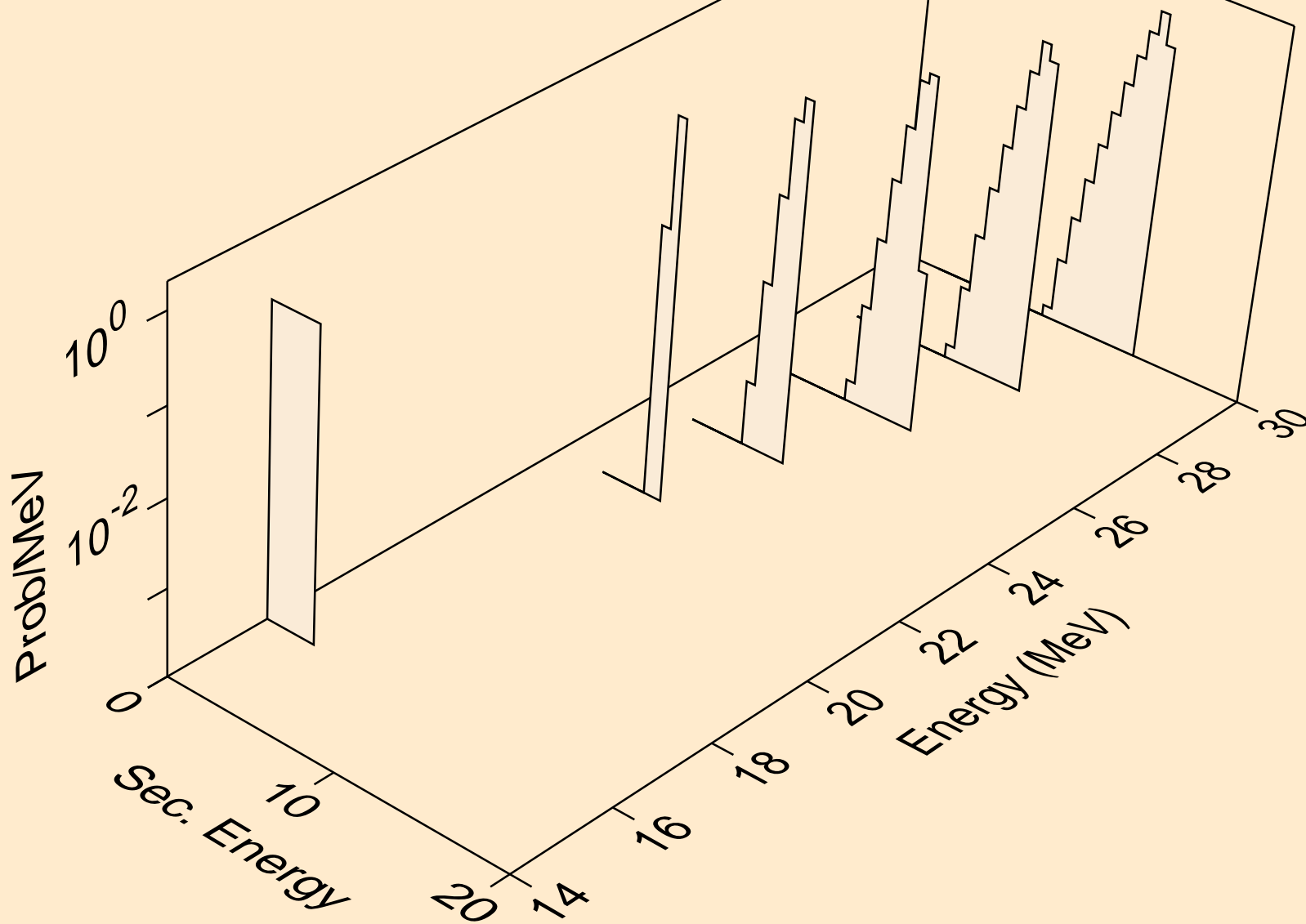
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



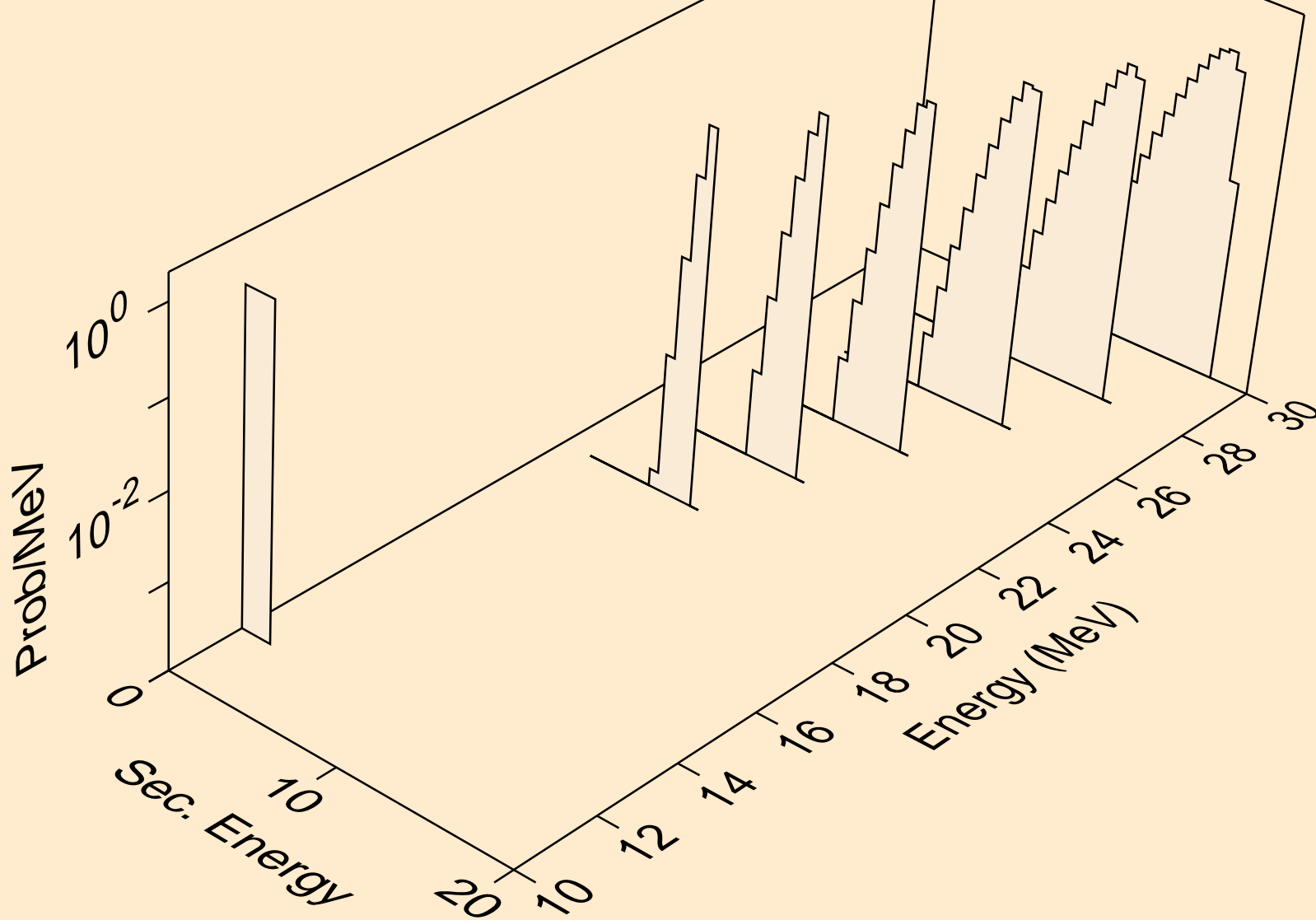
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



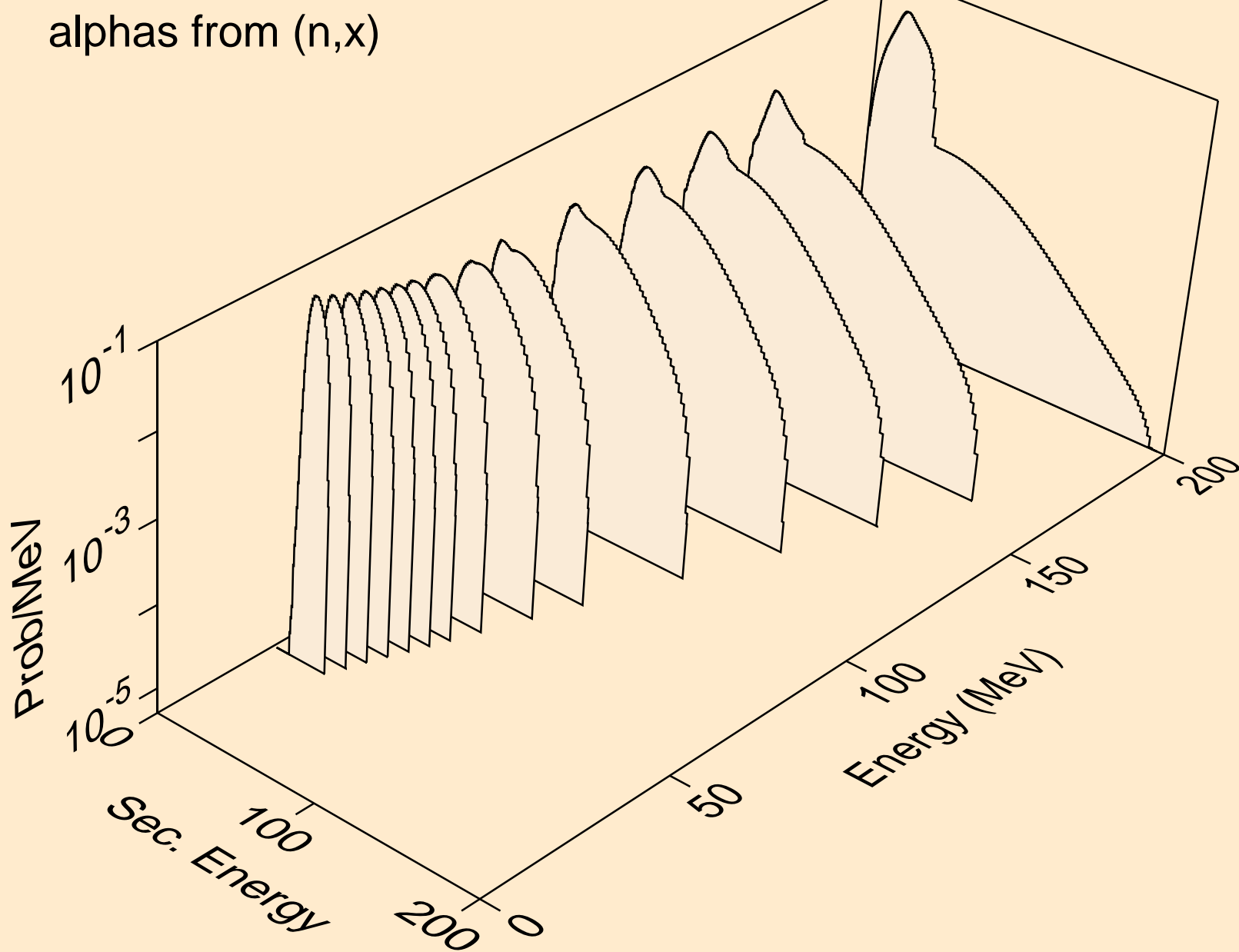
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



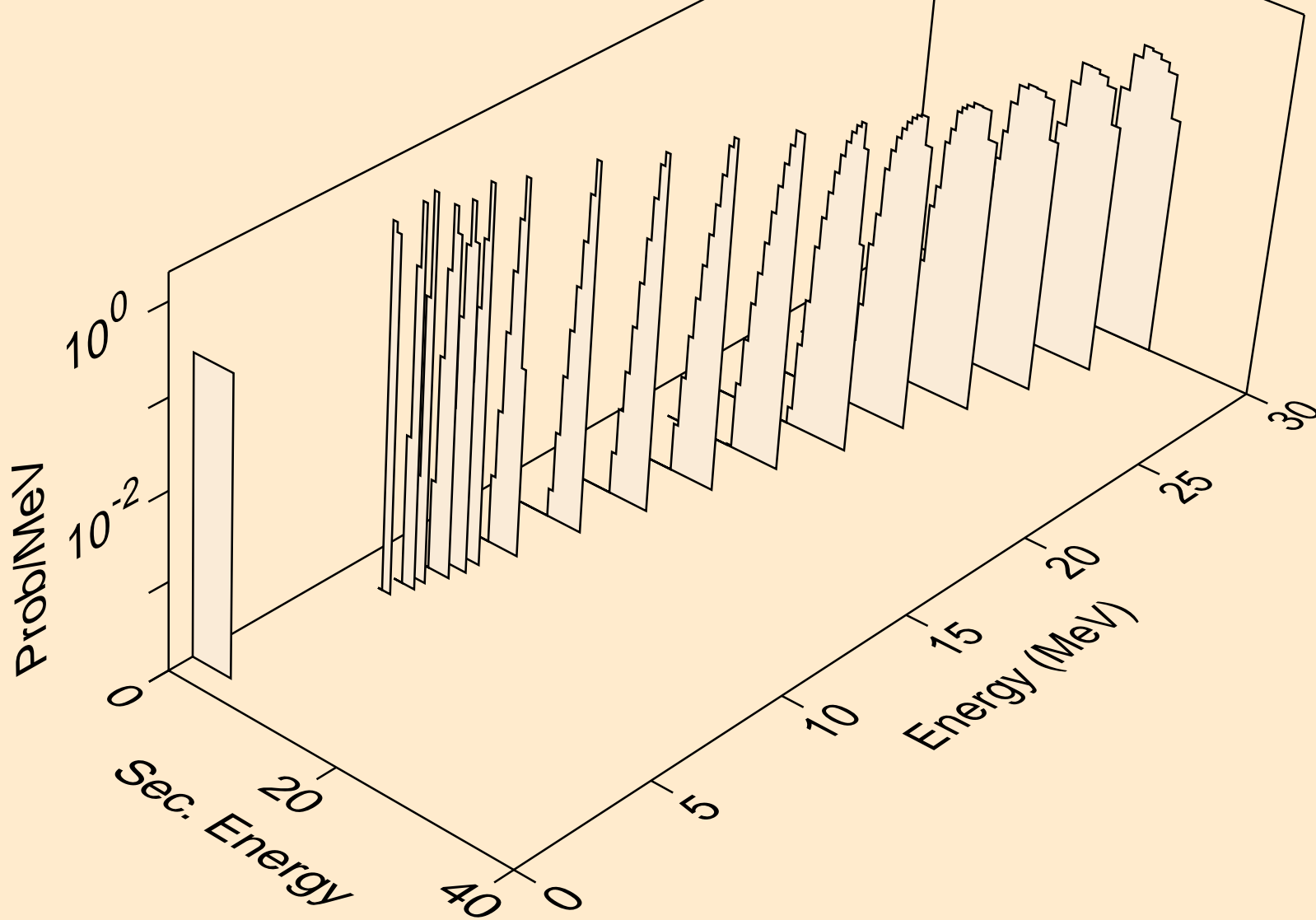
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he3s from (n,he3)



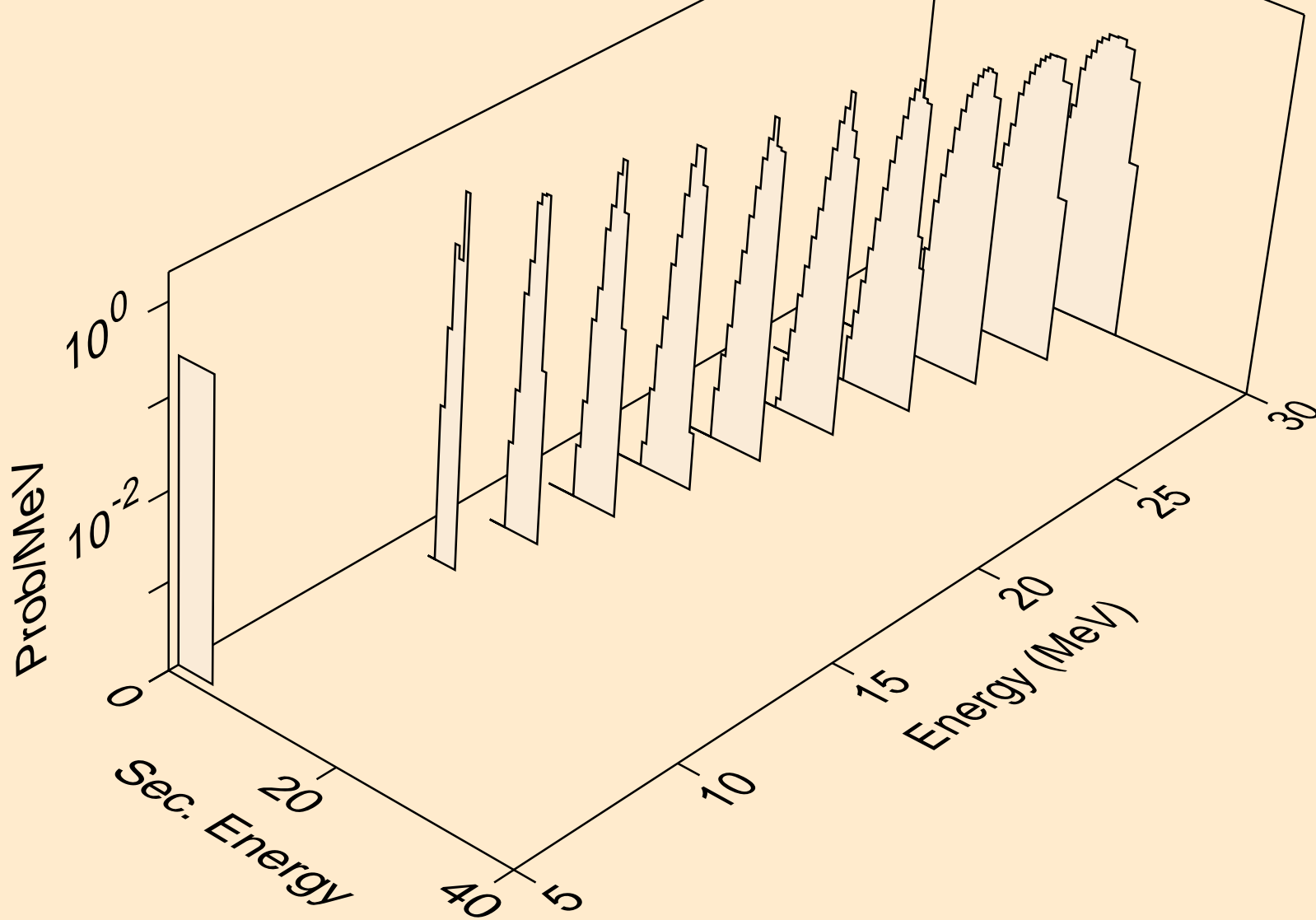
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



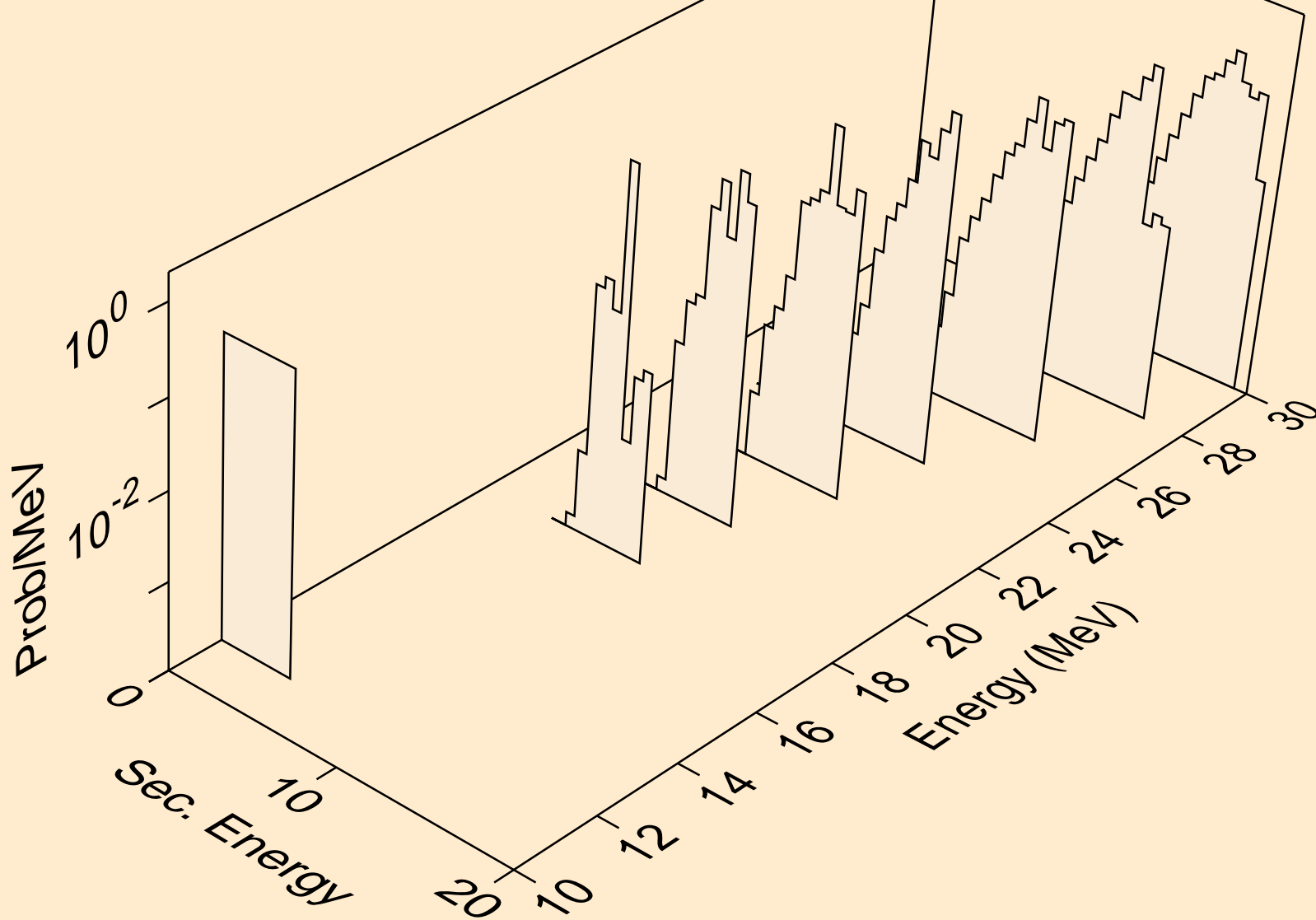
TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



TM178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

