PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections

Cross section (barns)

Energy (MeV)

total
absorption
elastic
gamma production

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Heating

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections

Cross section (barns)

Energy (MeV)

total
absorption
elastic
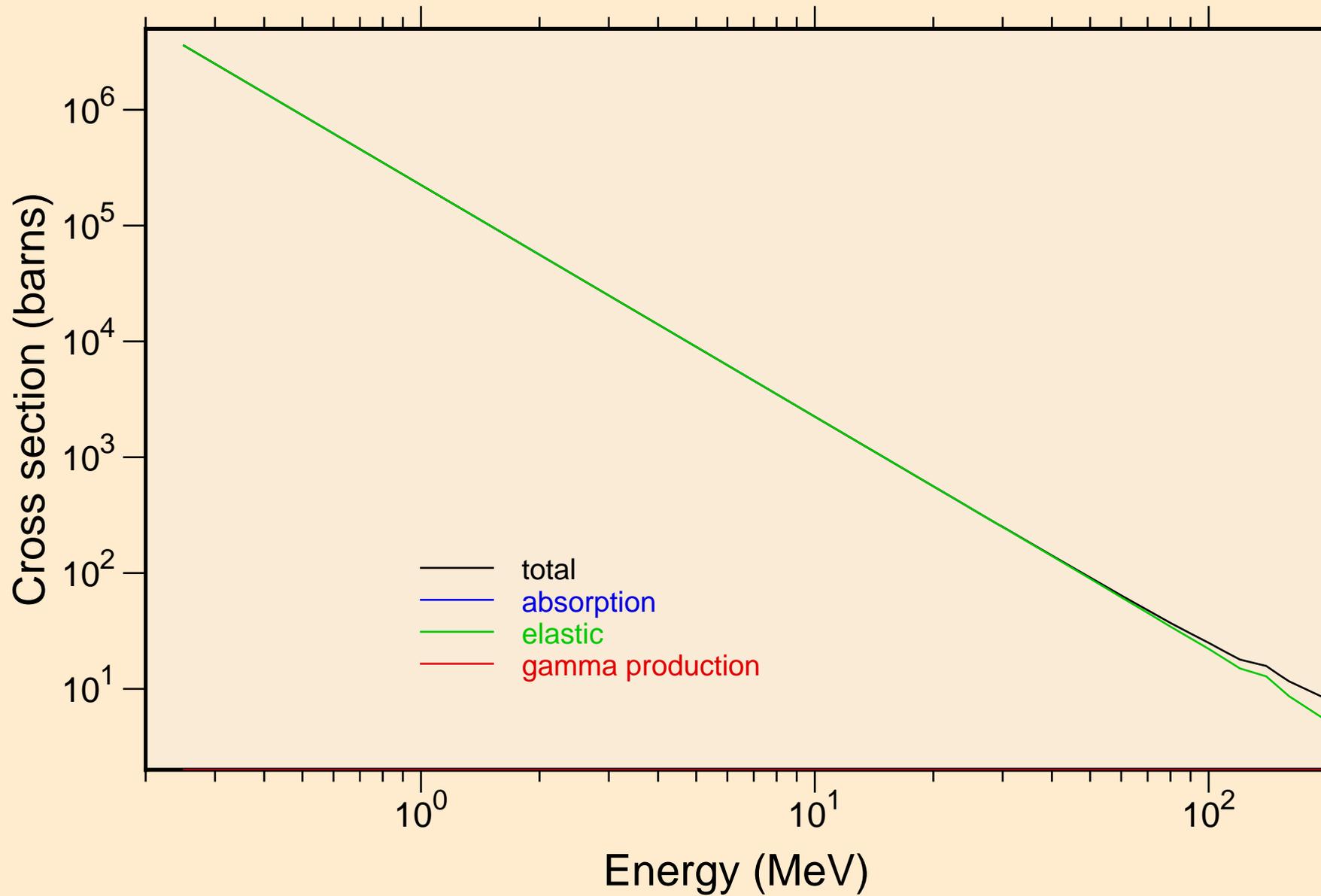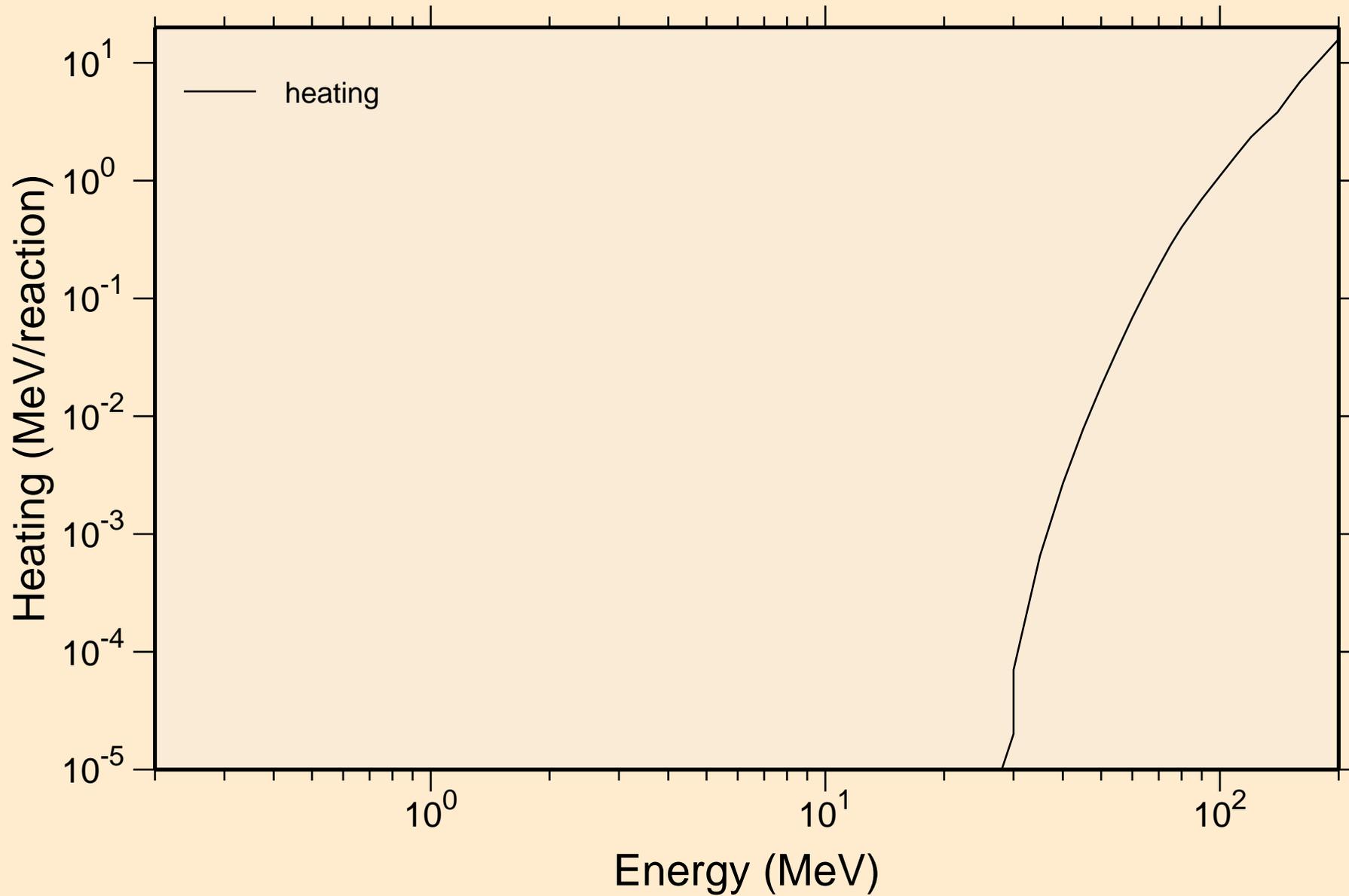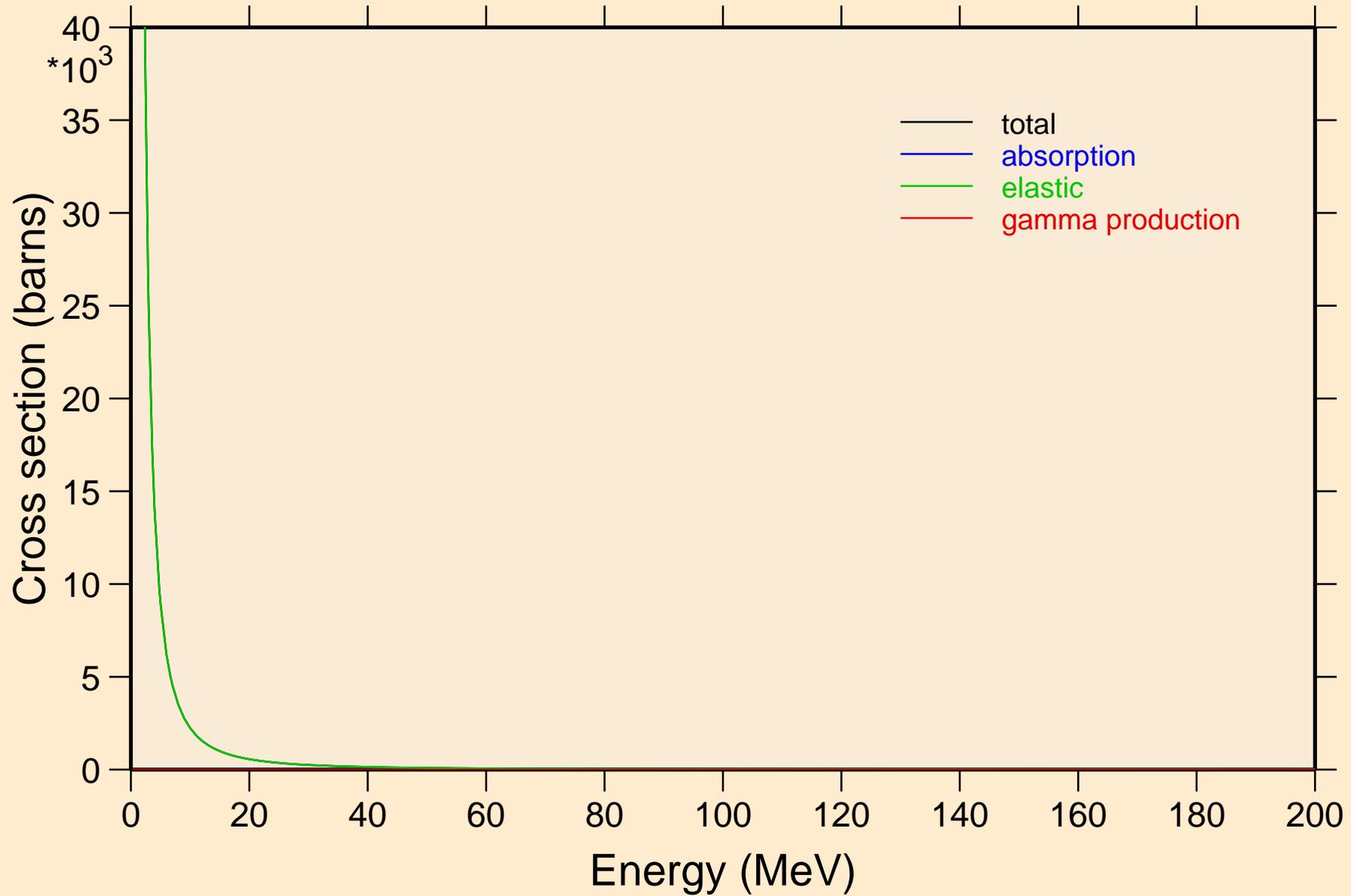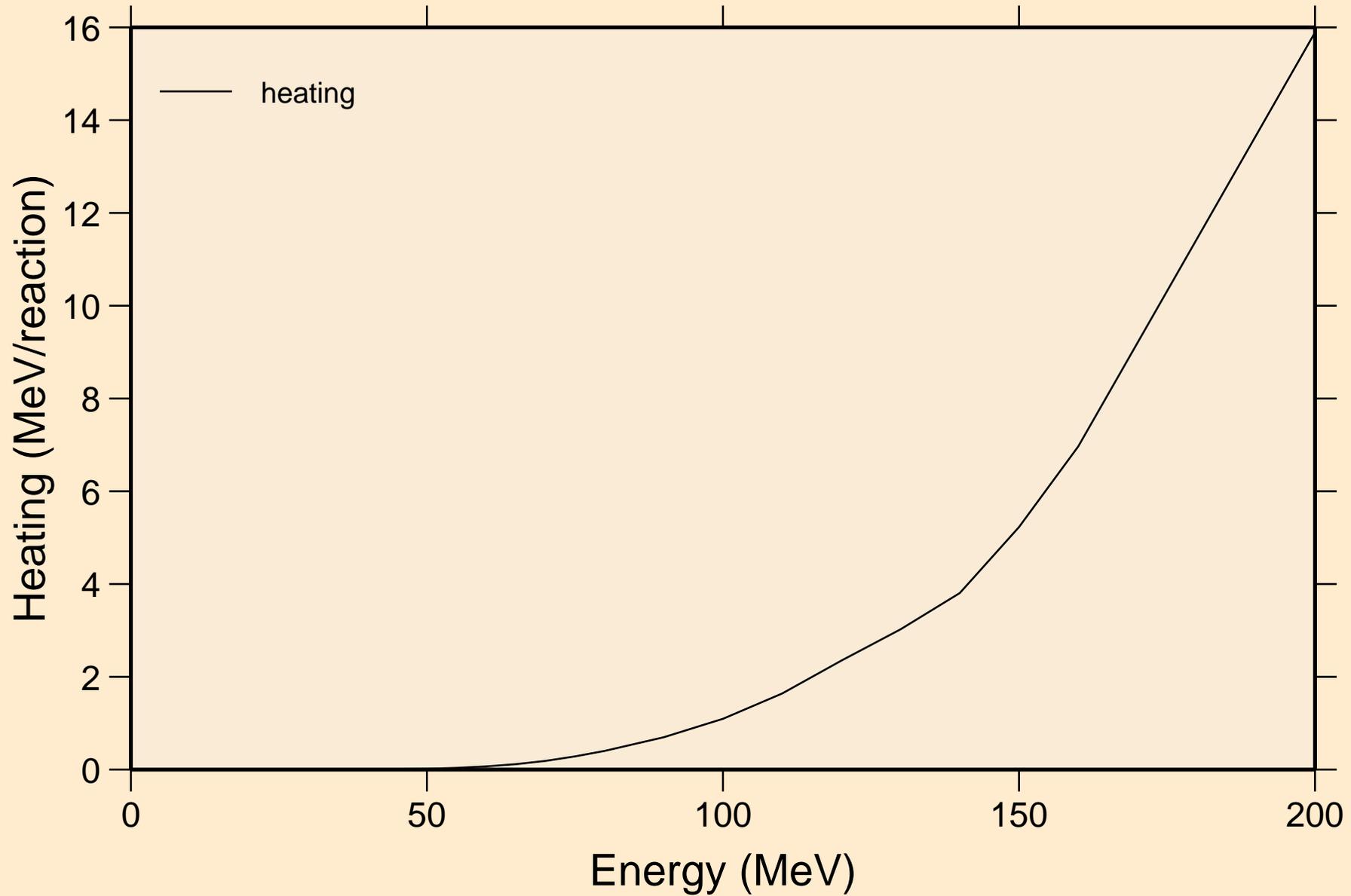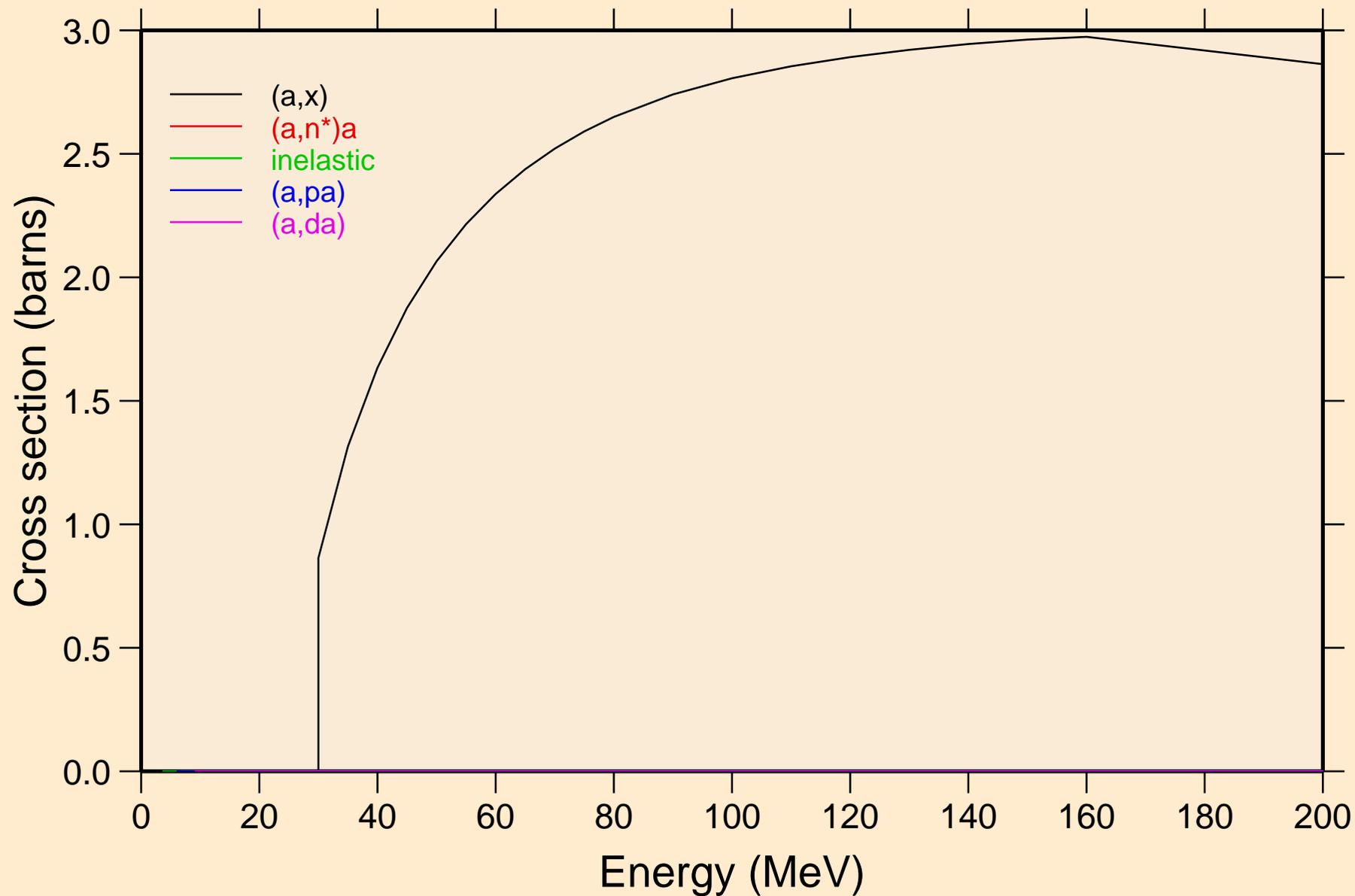gamma production

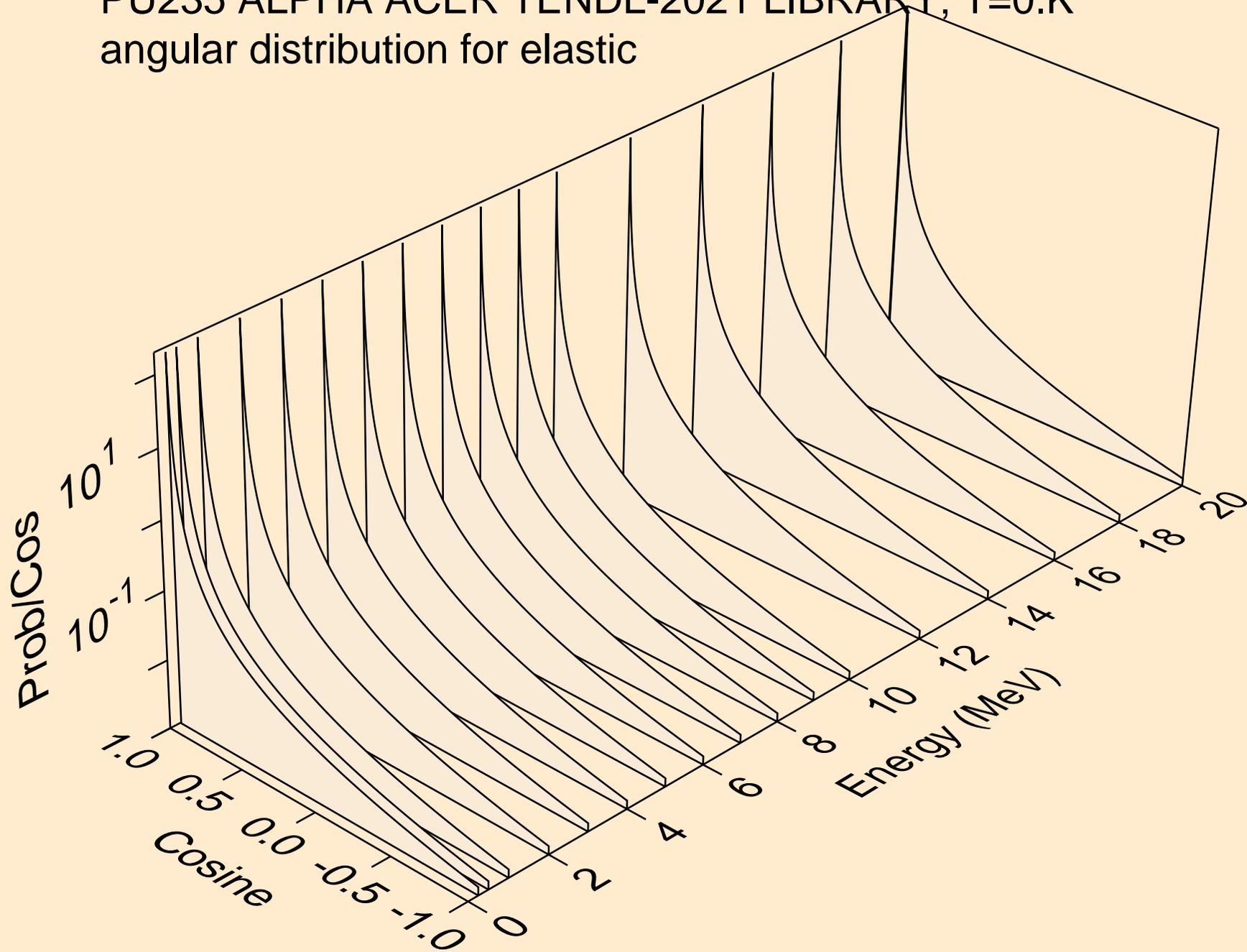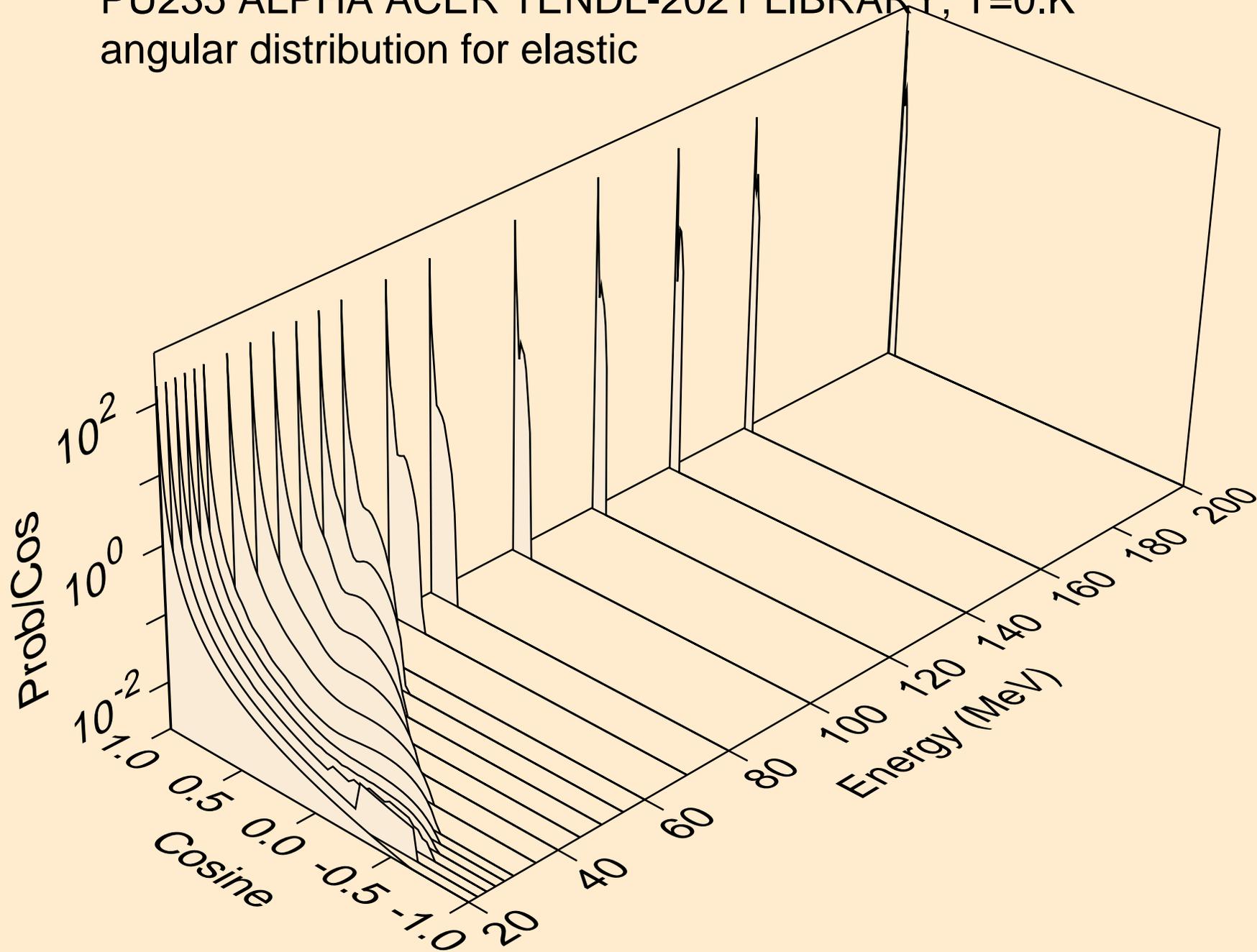PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Heating

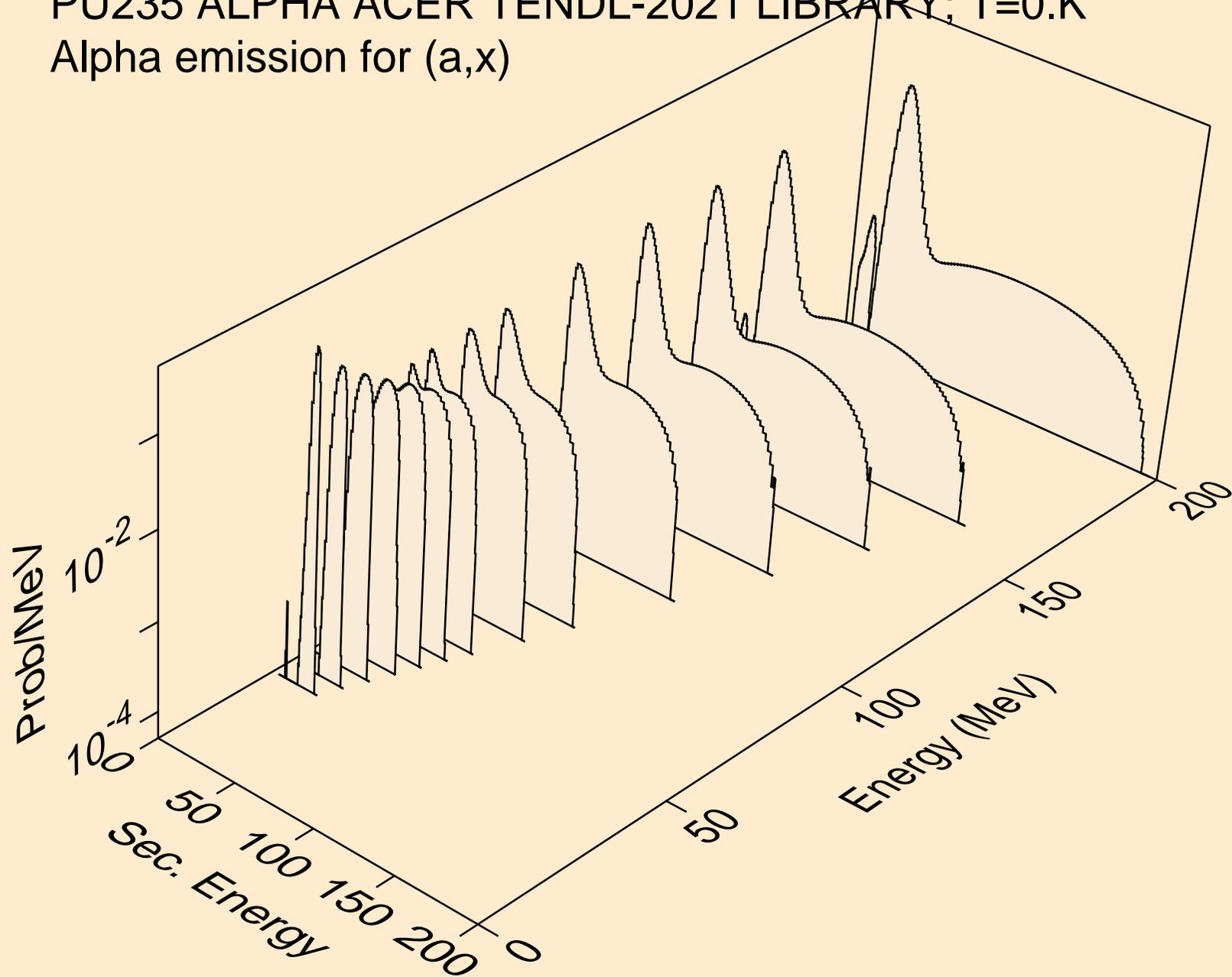PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
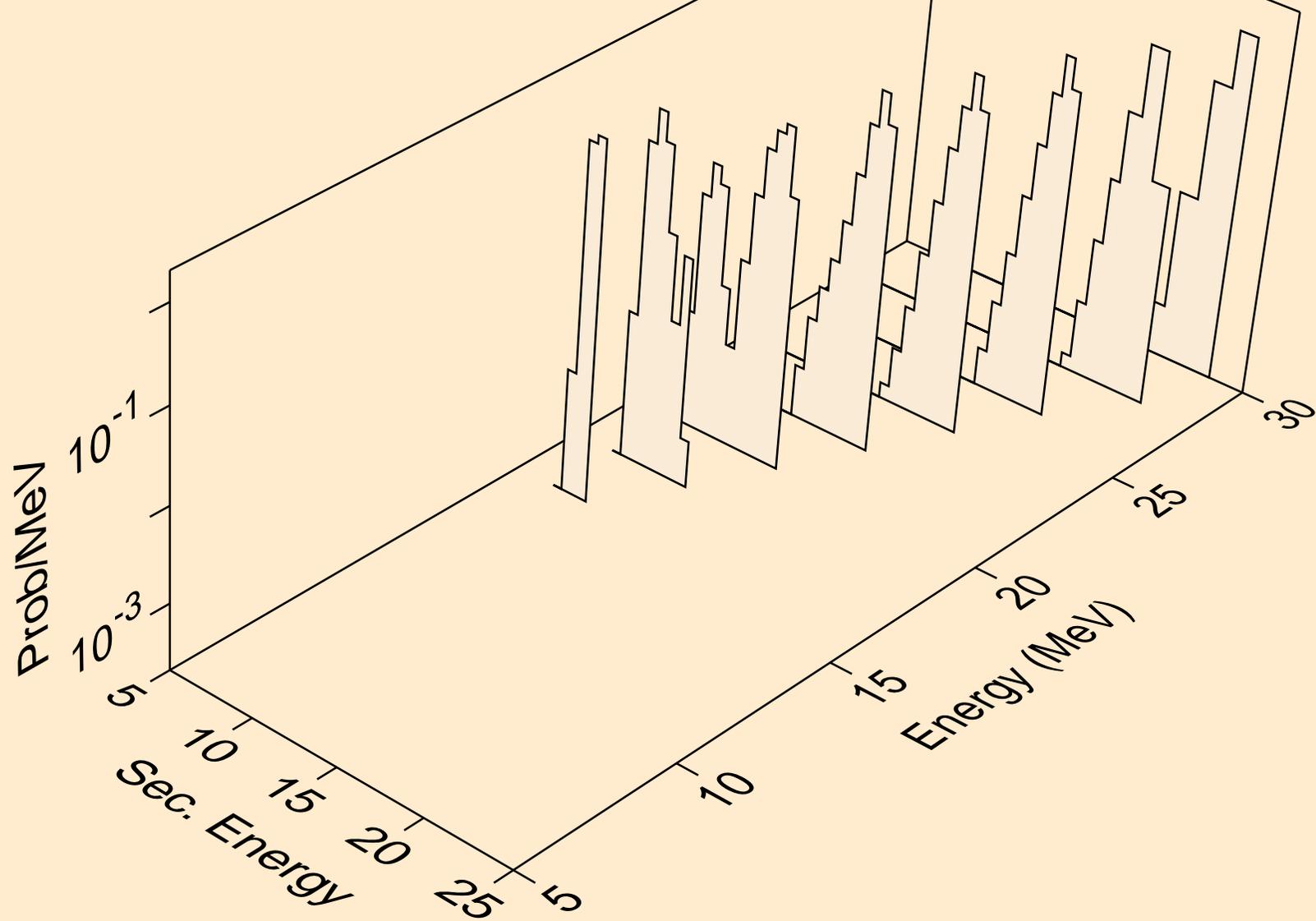angular distribution for elastic

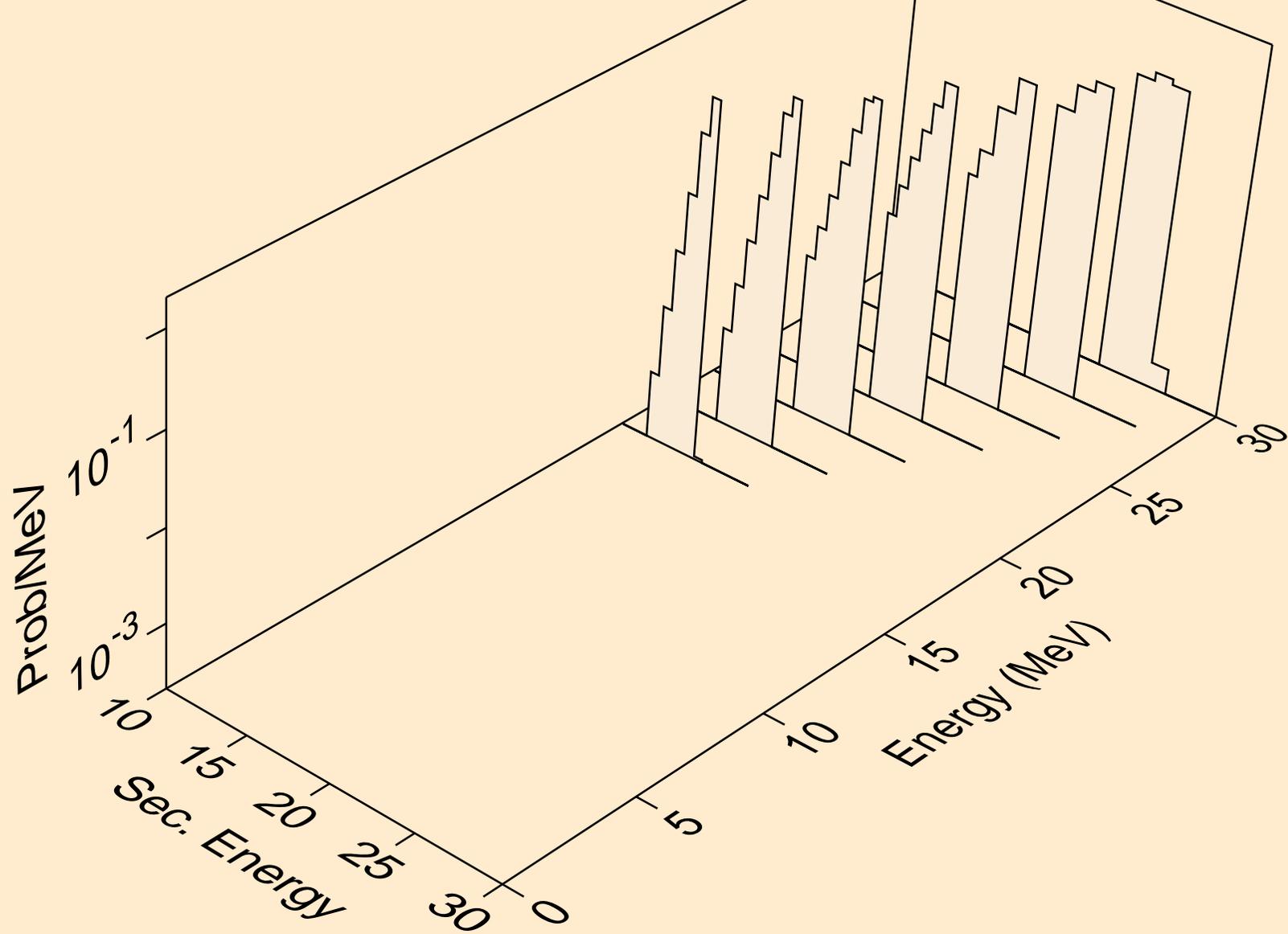PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
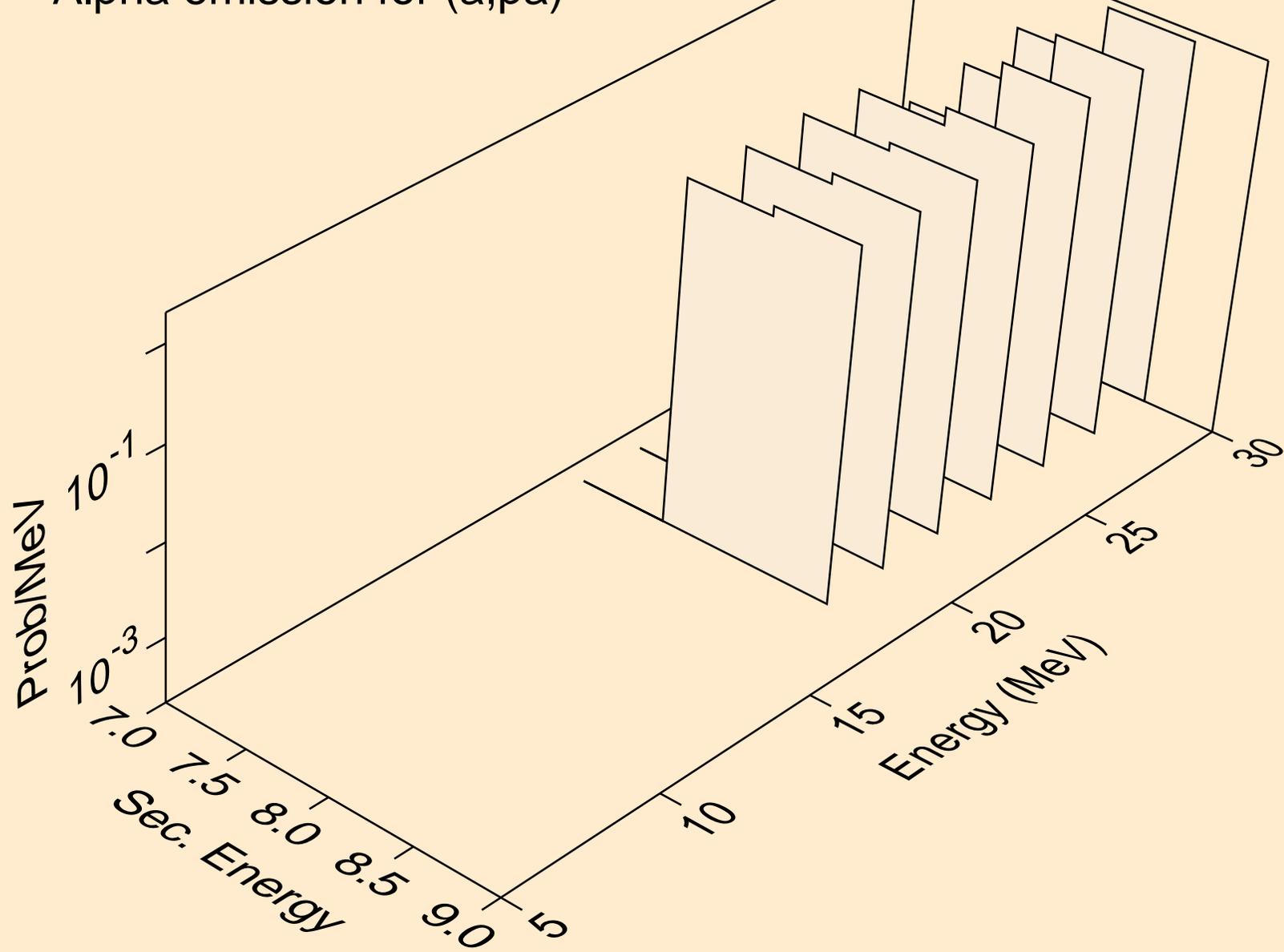Alpha emission for (a,x)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
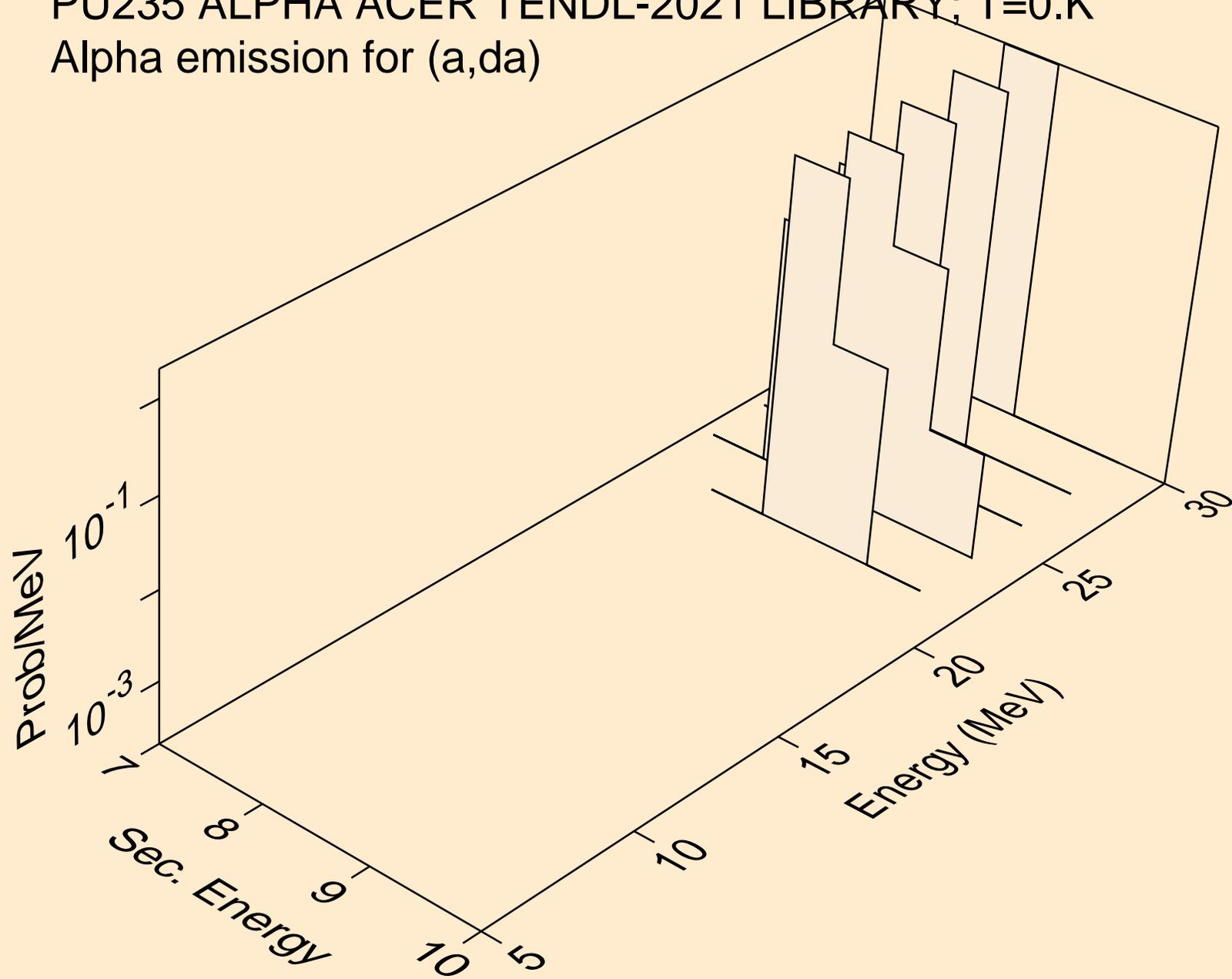Alpha emission for (a,n*)a

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
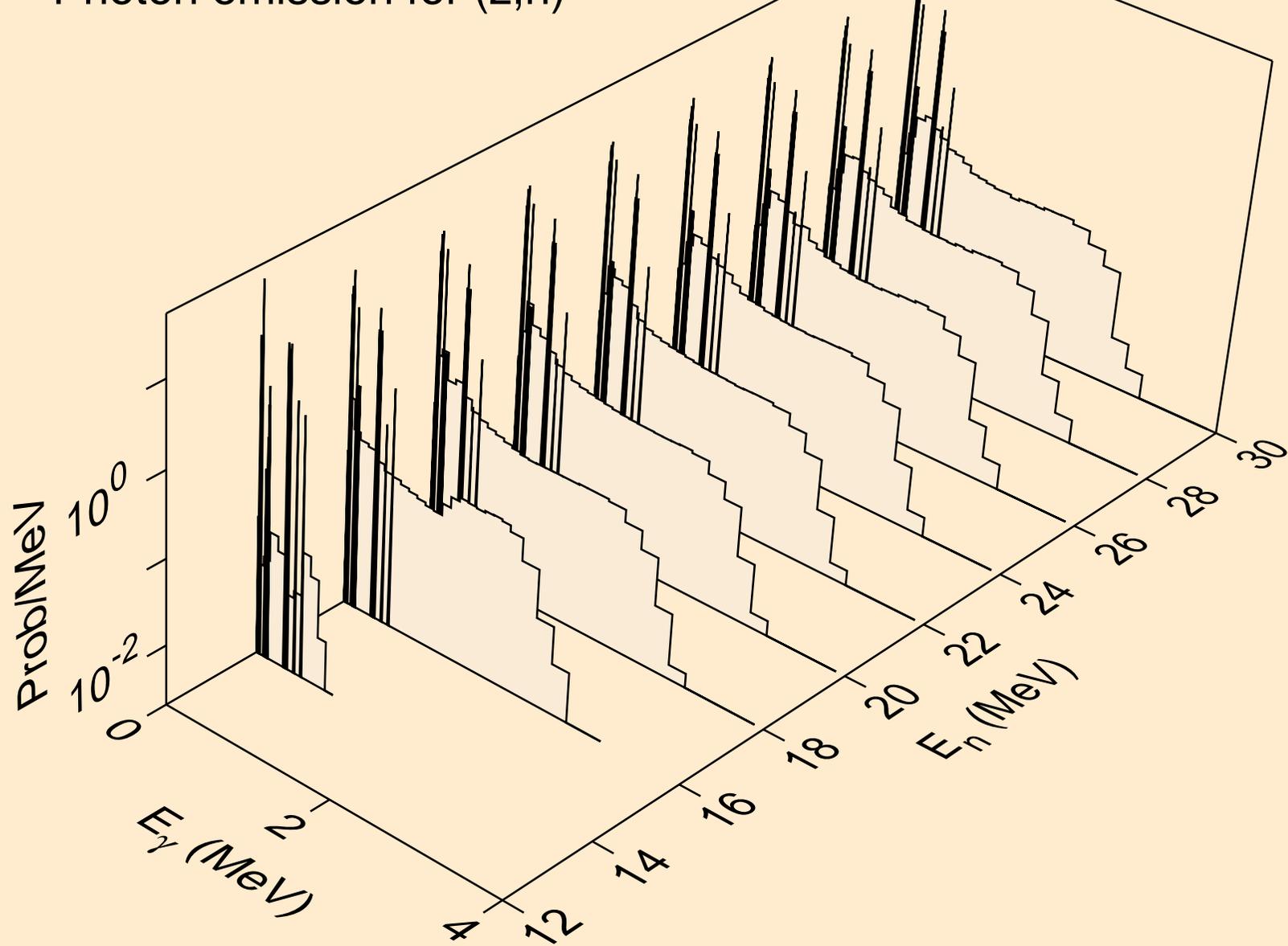Alpha emission for inelastic

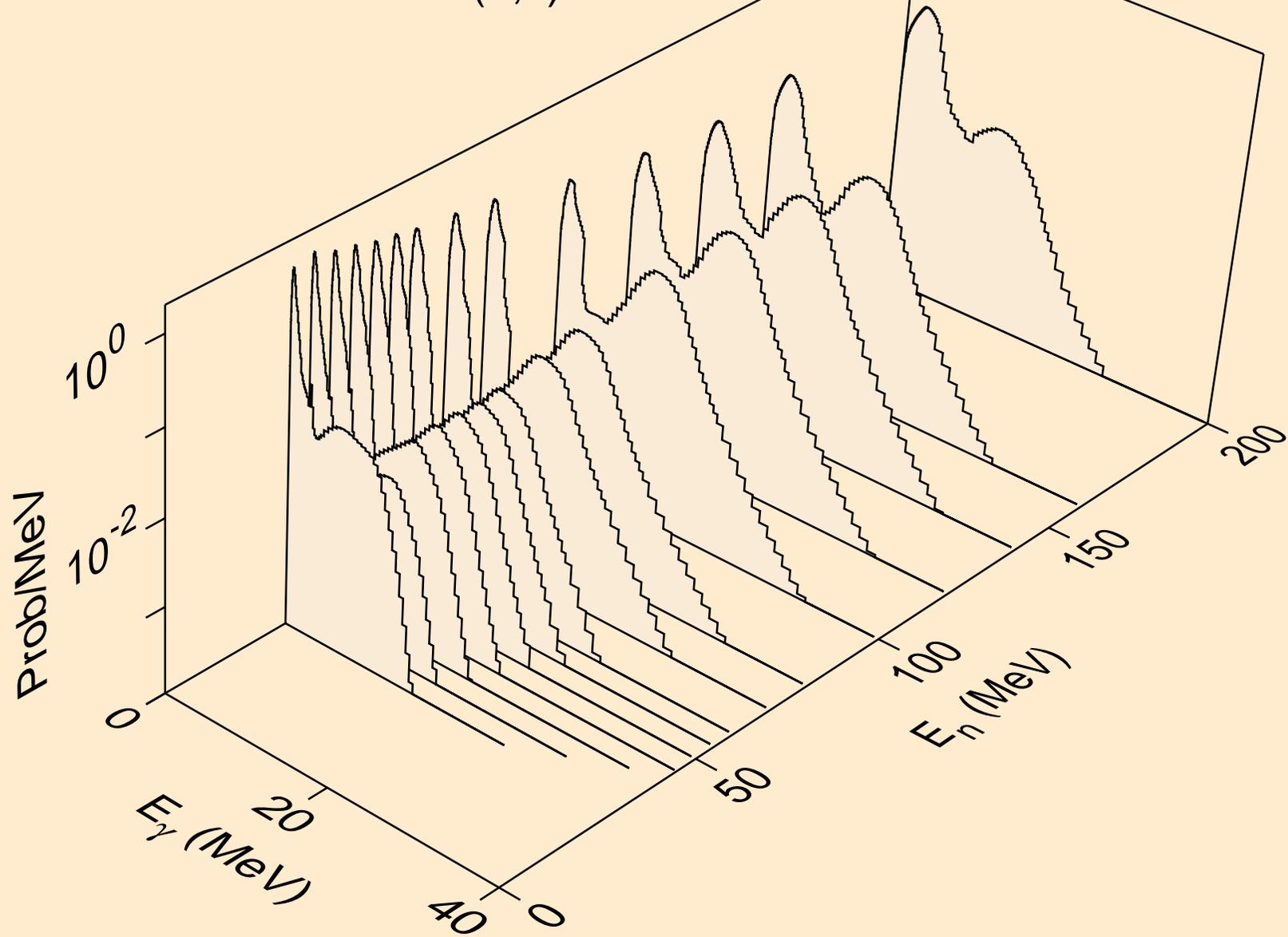PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
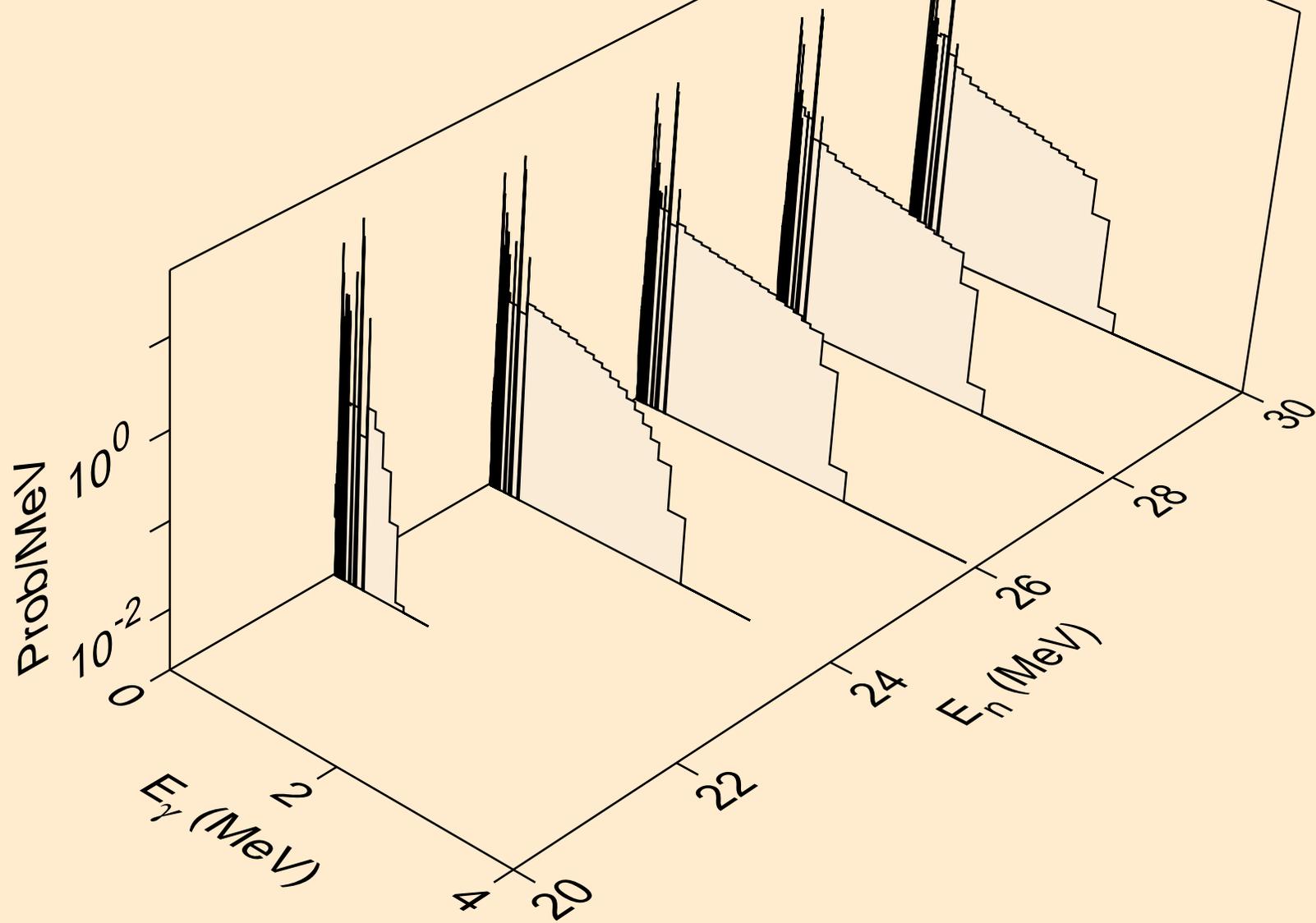Alpha emission for (a,da)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
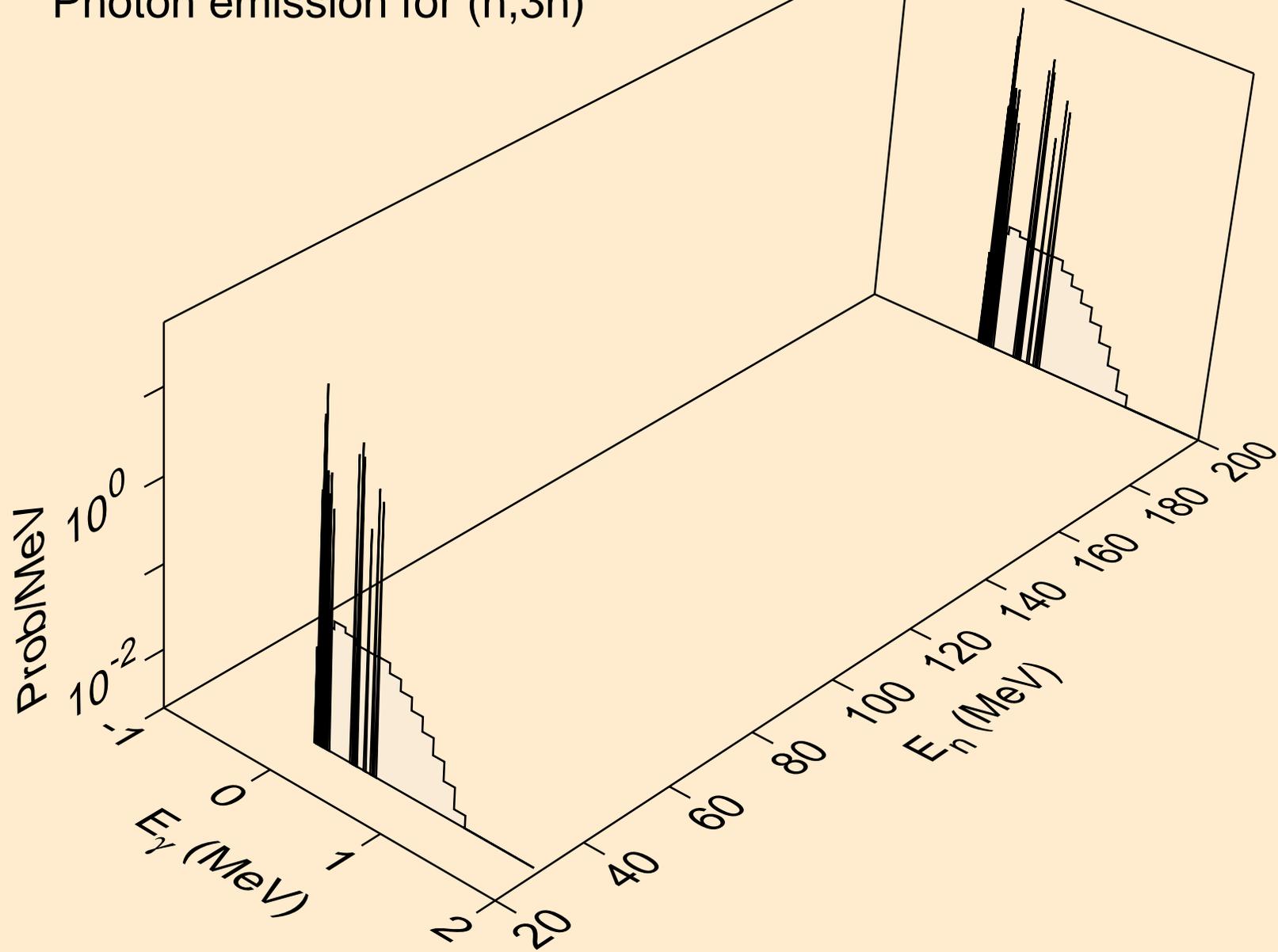Photon emission for (z,n)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a

ProbIMeV

10^0

10^{-2}

0

E_γ (MeV)

5

10

5

E_n (MeV)

10

15

20

25

30

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p

Prob/MeV

10^3

10^1

10^{-1}

E_γ (MeV)
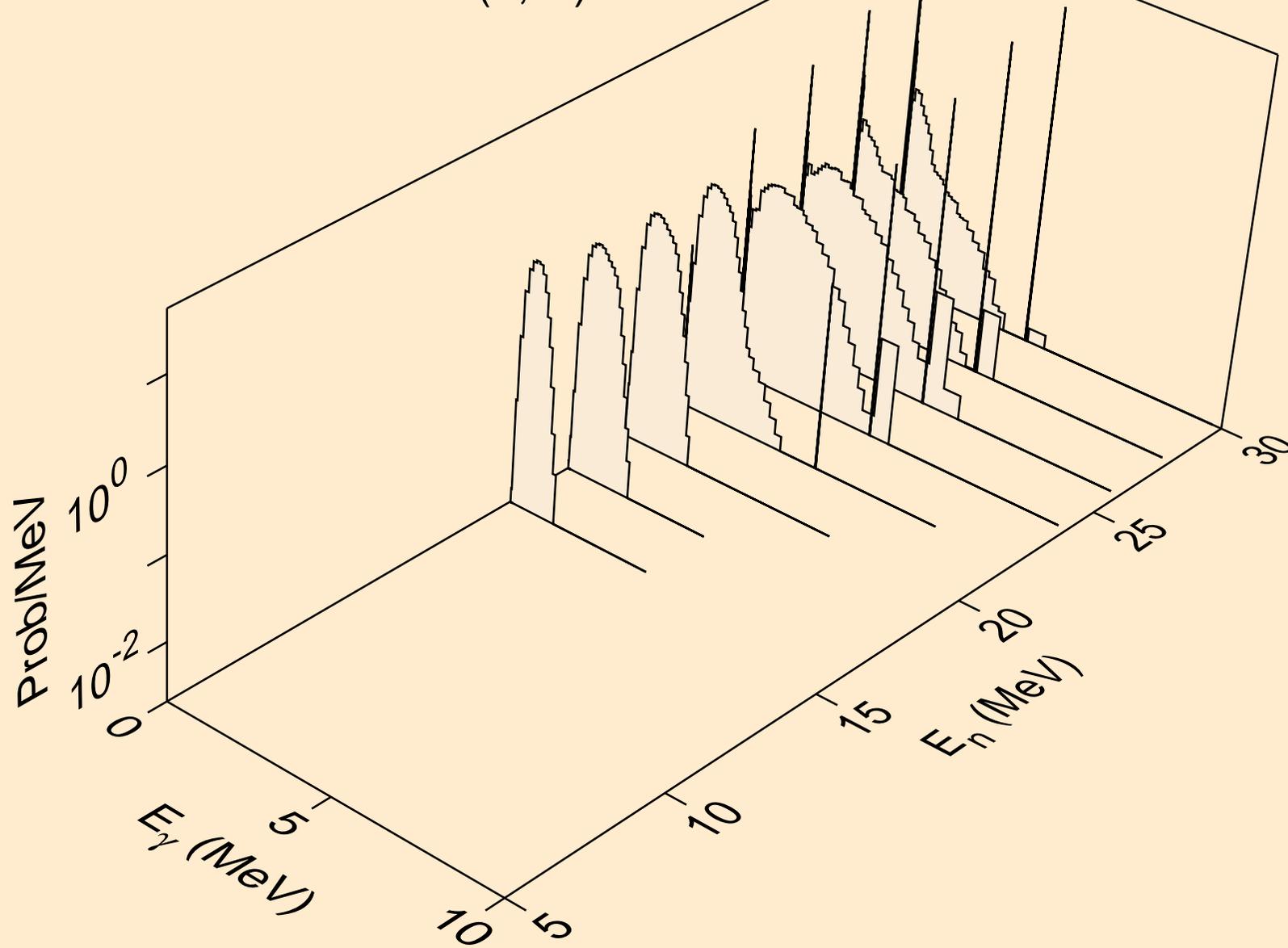
0

2

4

16

18

20

22

24

26

28

30

E_n (MeV)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)
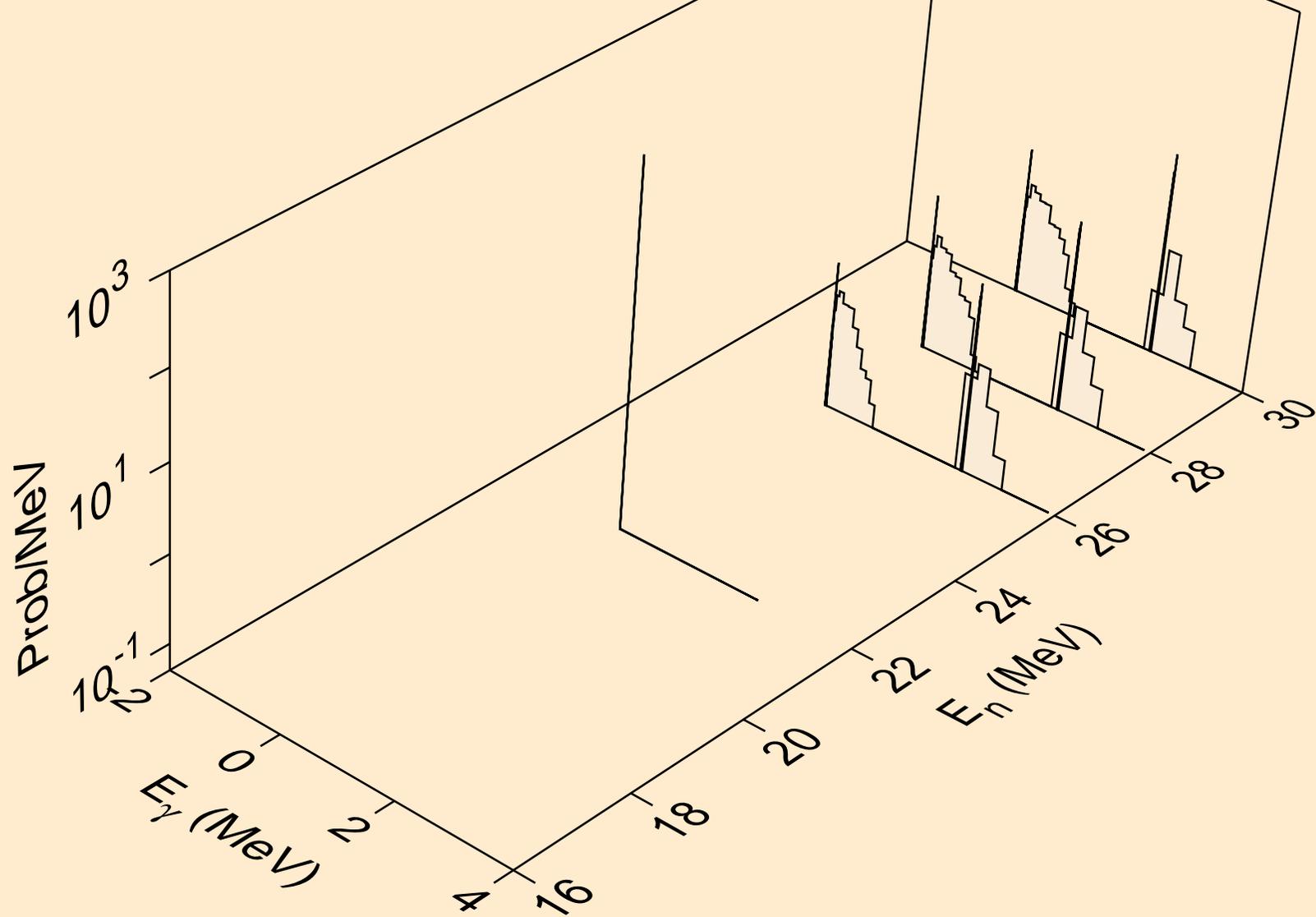
PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
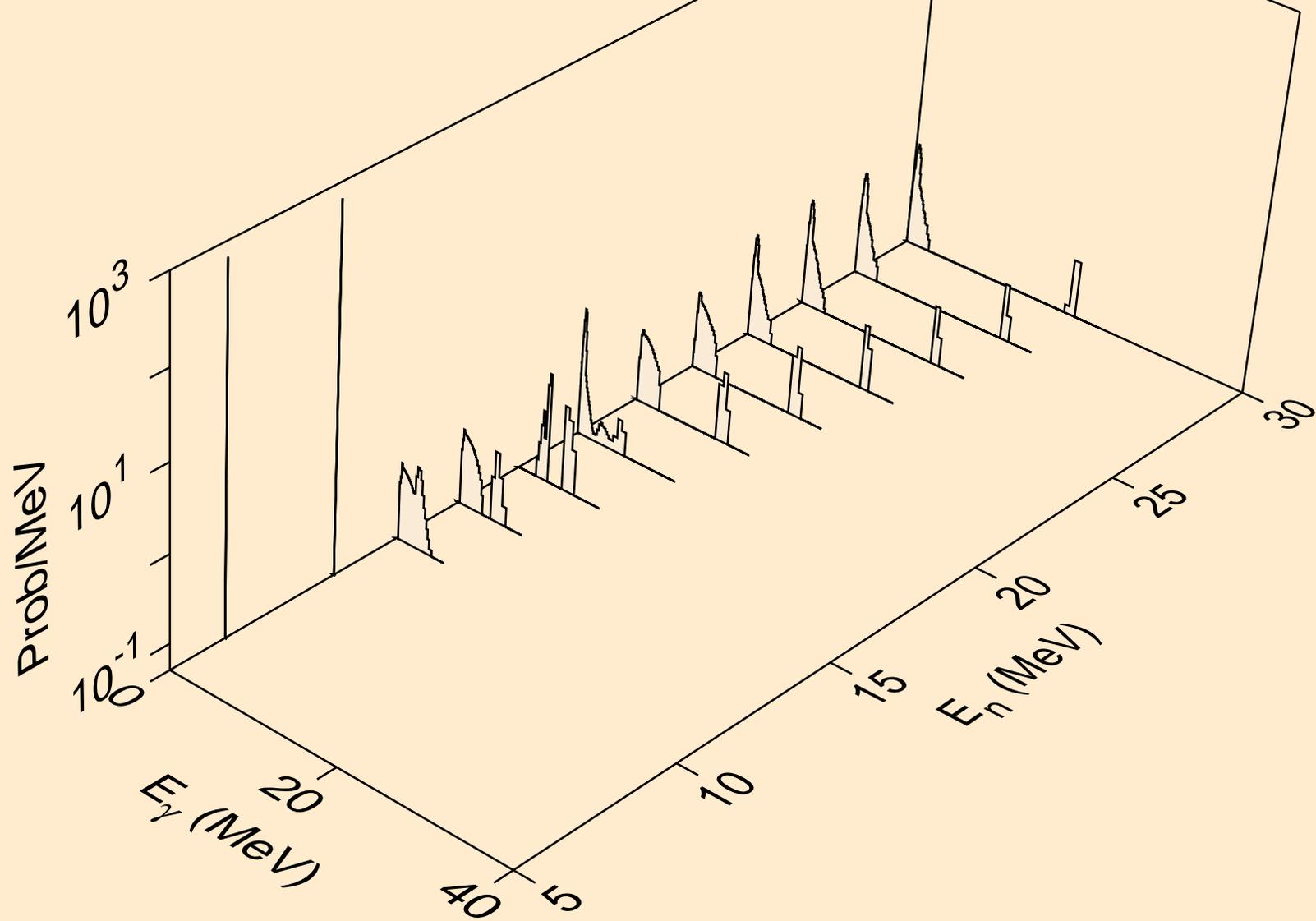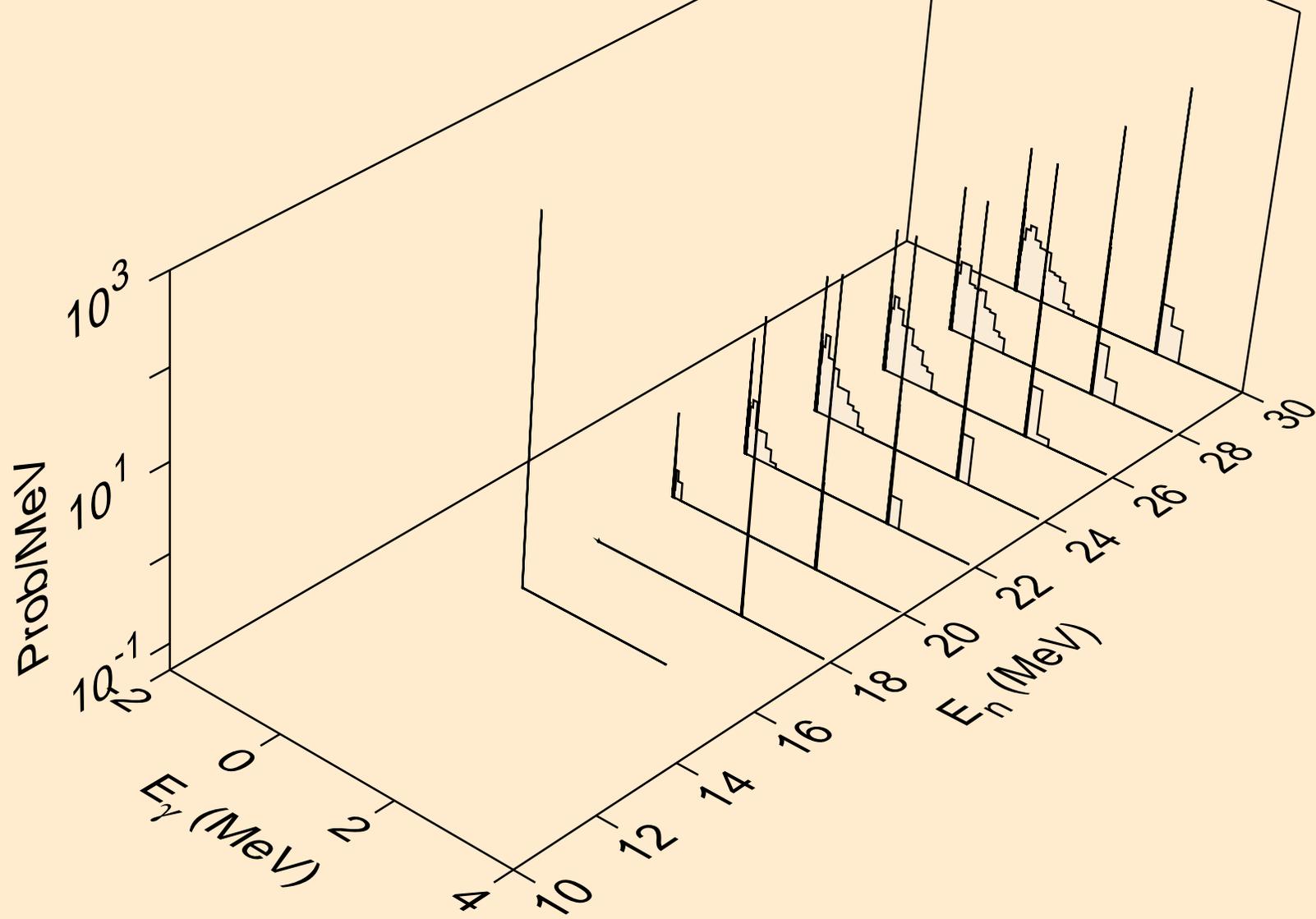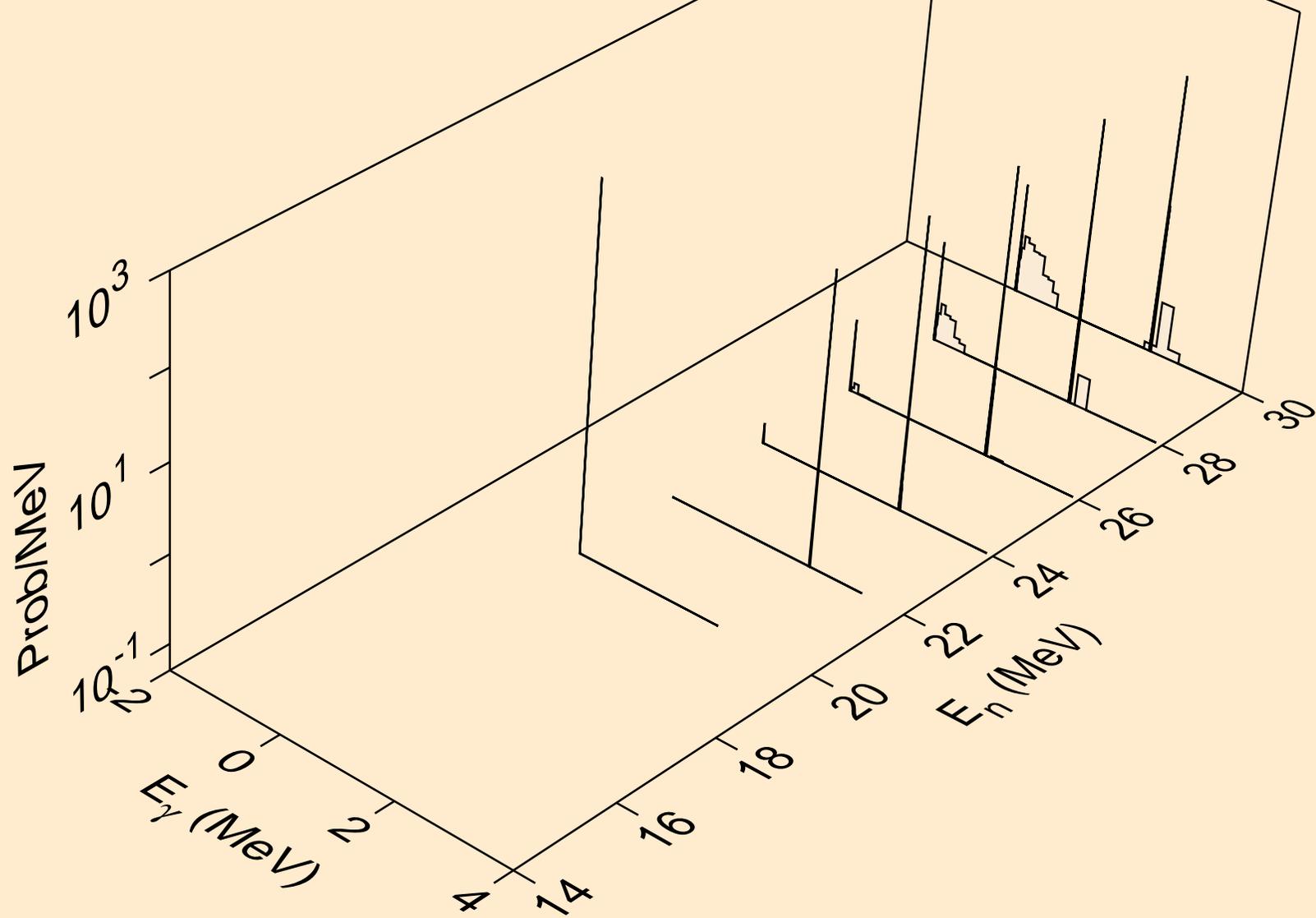Photon emission for (n,he3)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
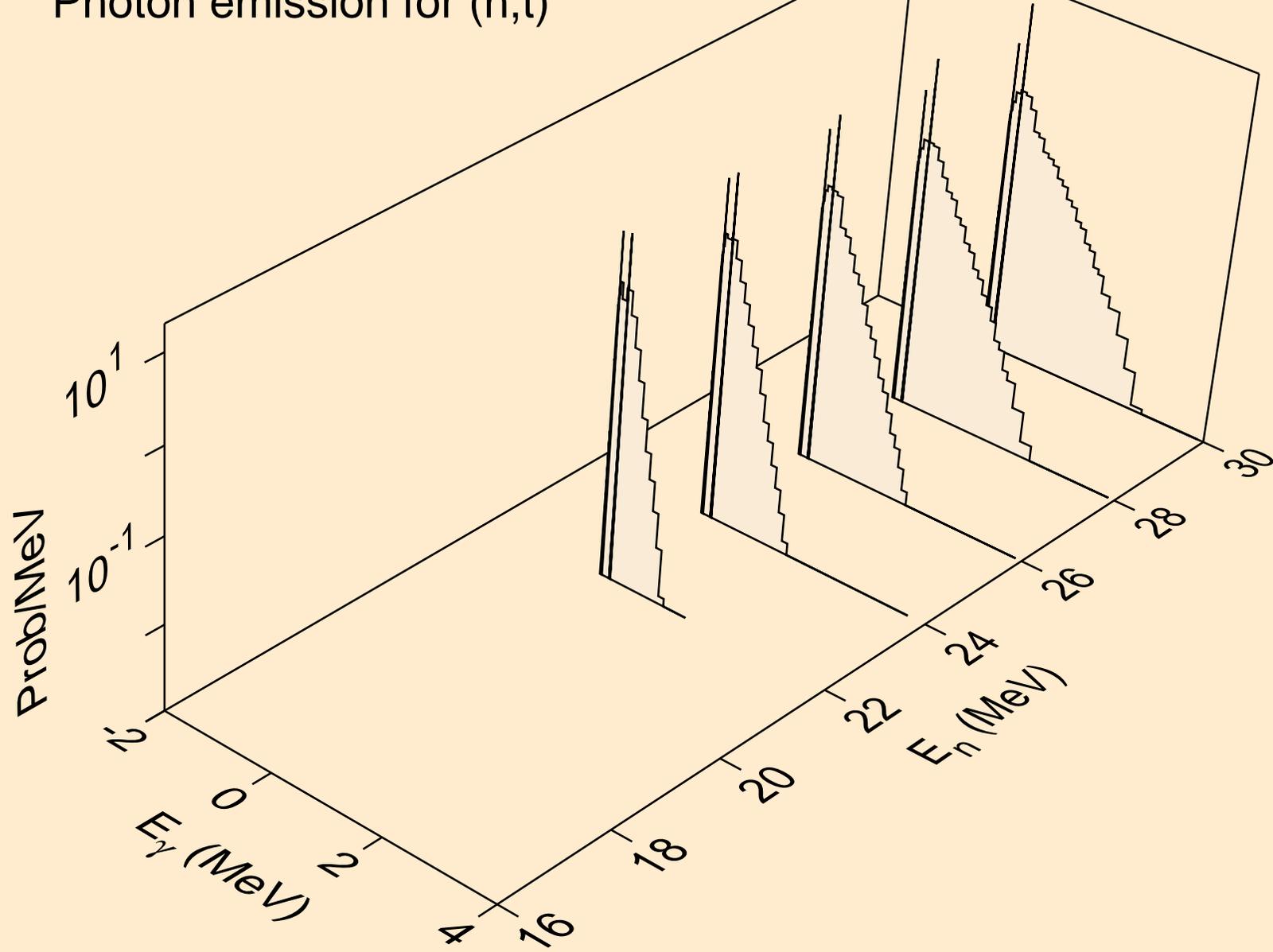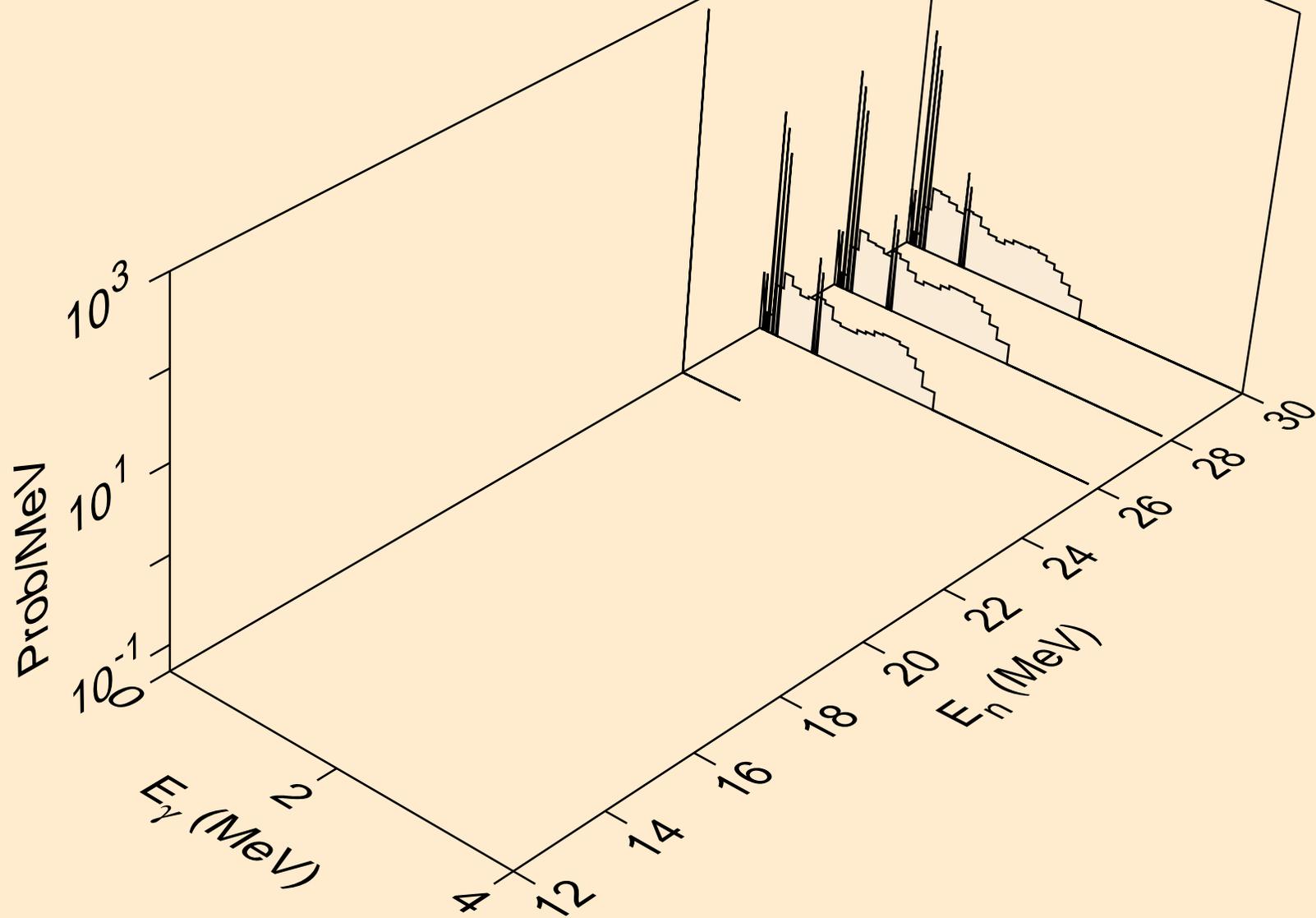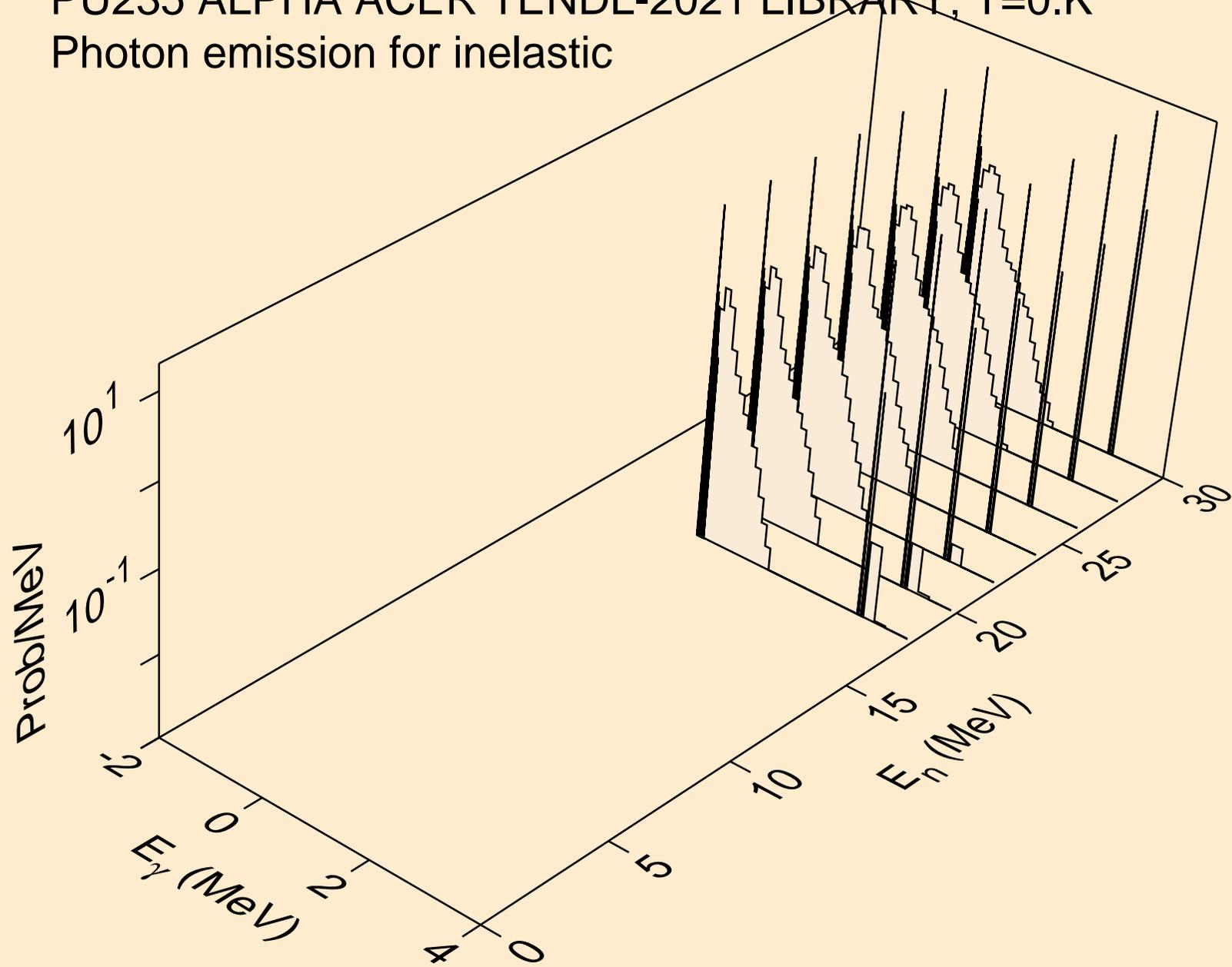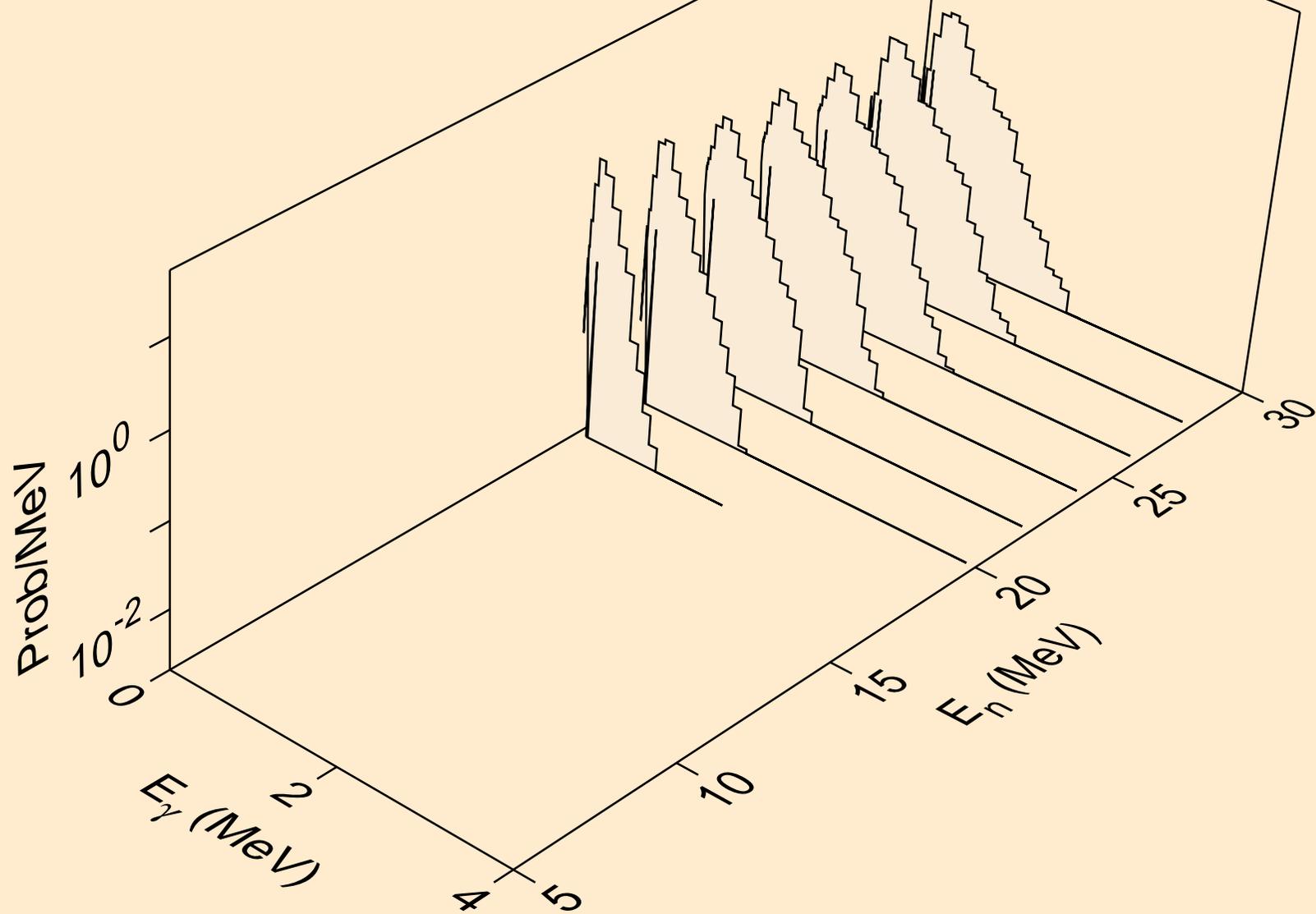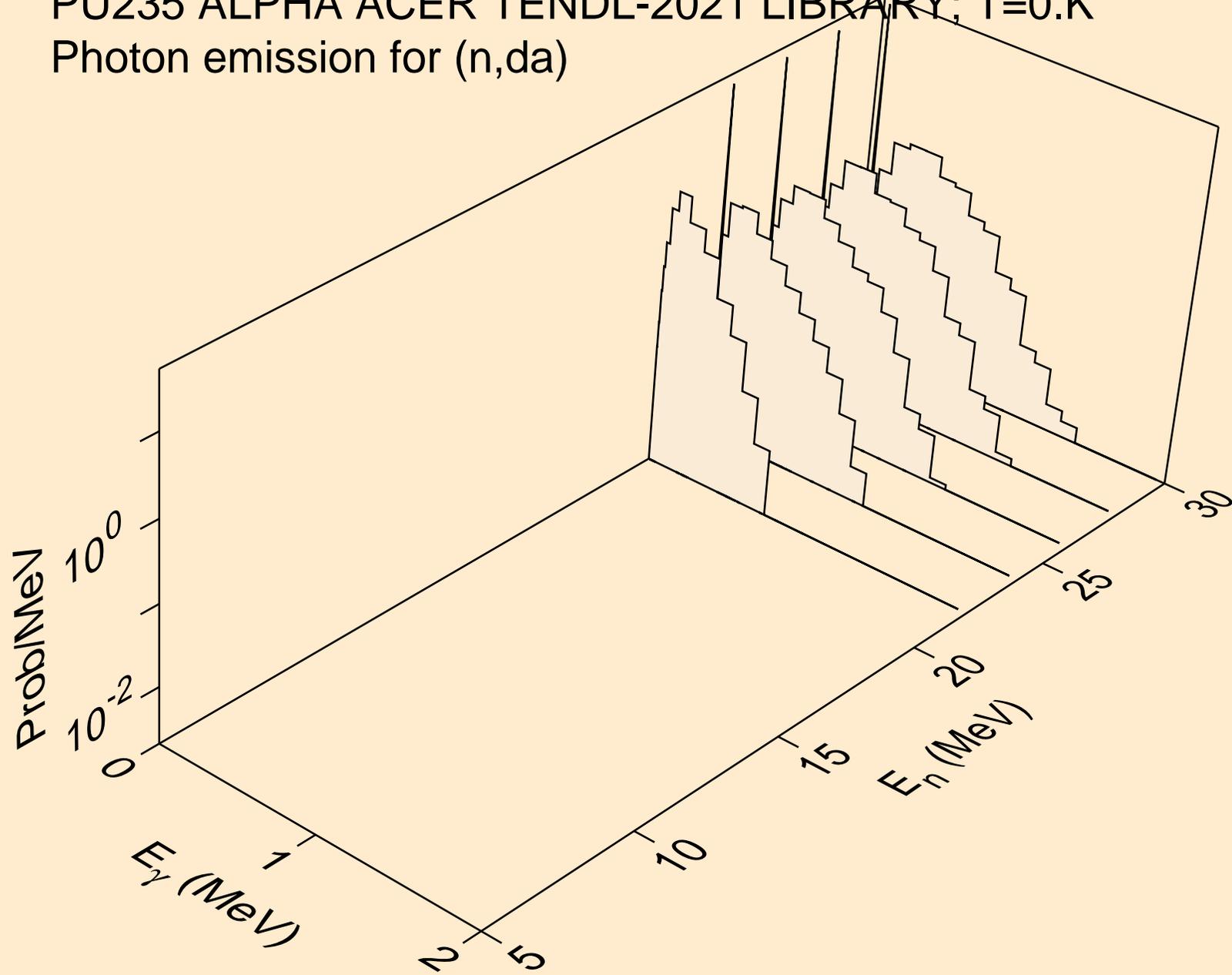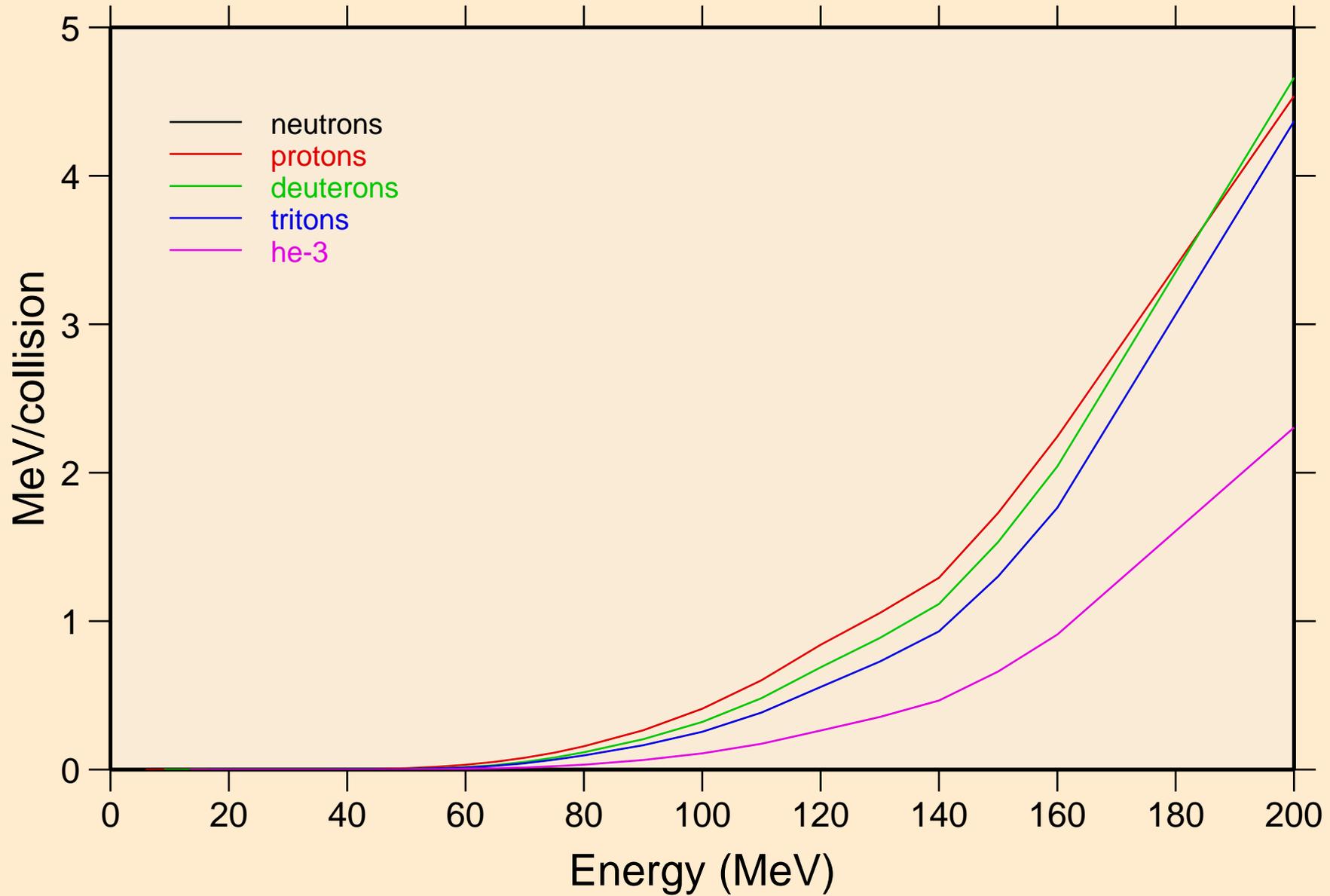Photon emission for inelastic

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
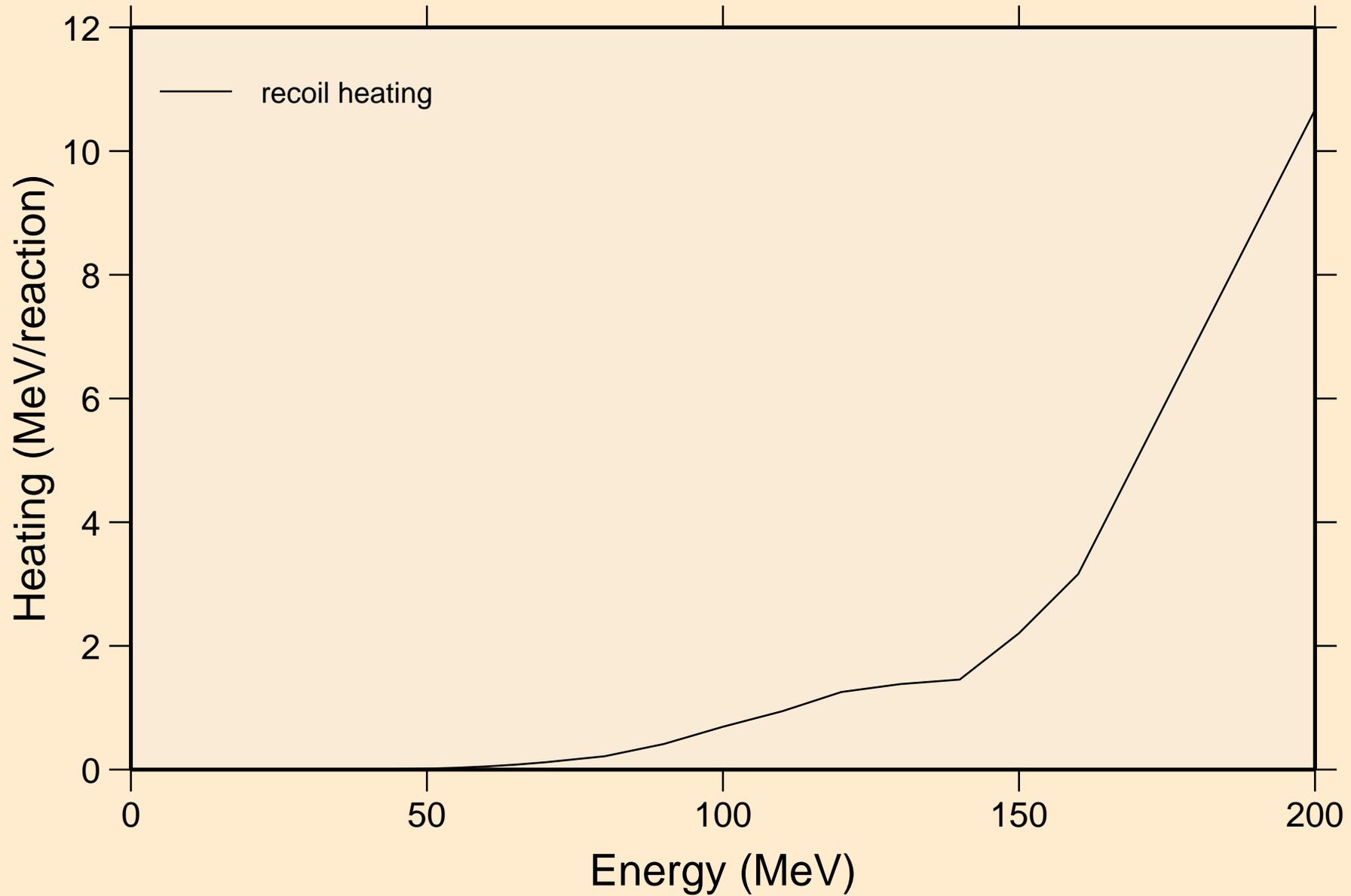Photon emission for (n,pa)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
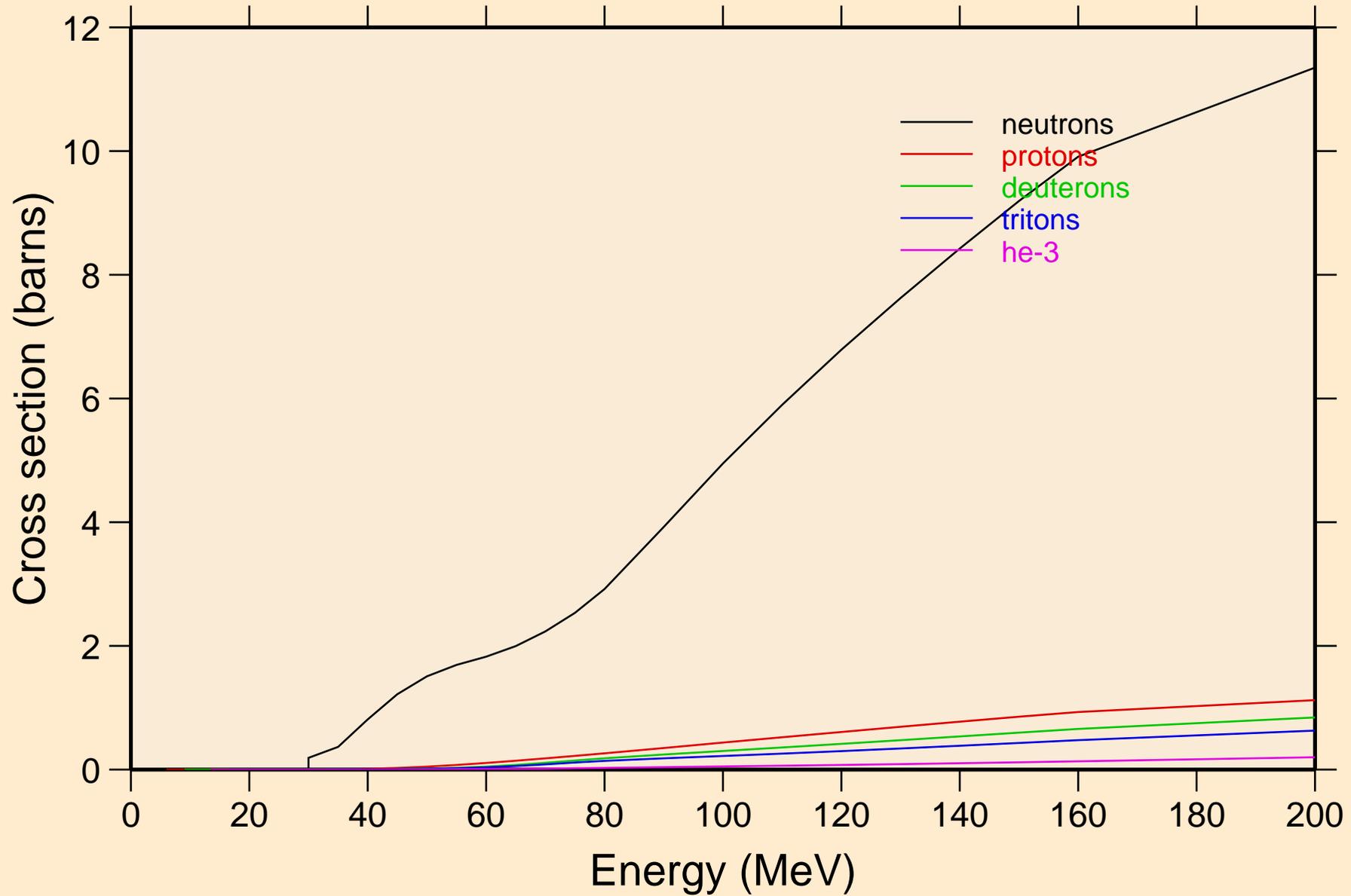Photon emission for (n,da)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Particle heating contributions

neutrons
protons
deuterons
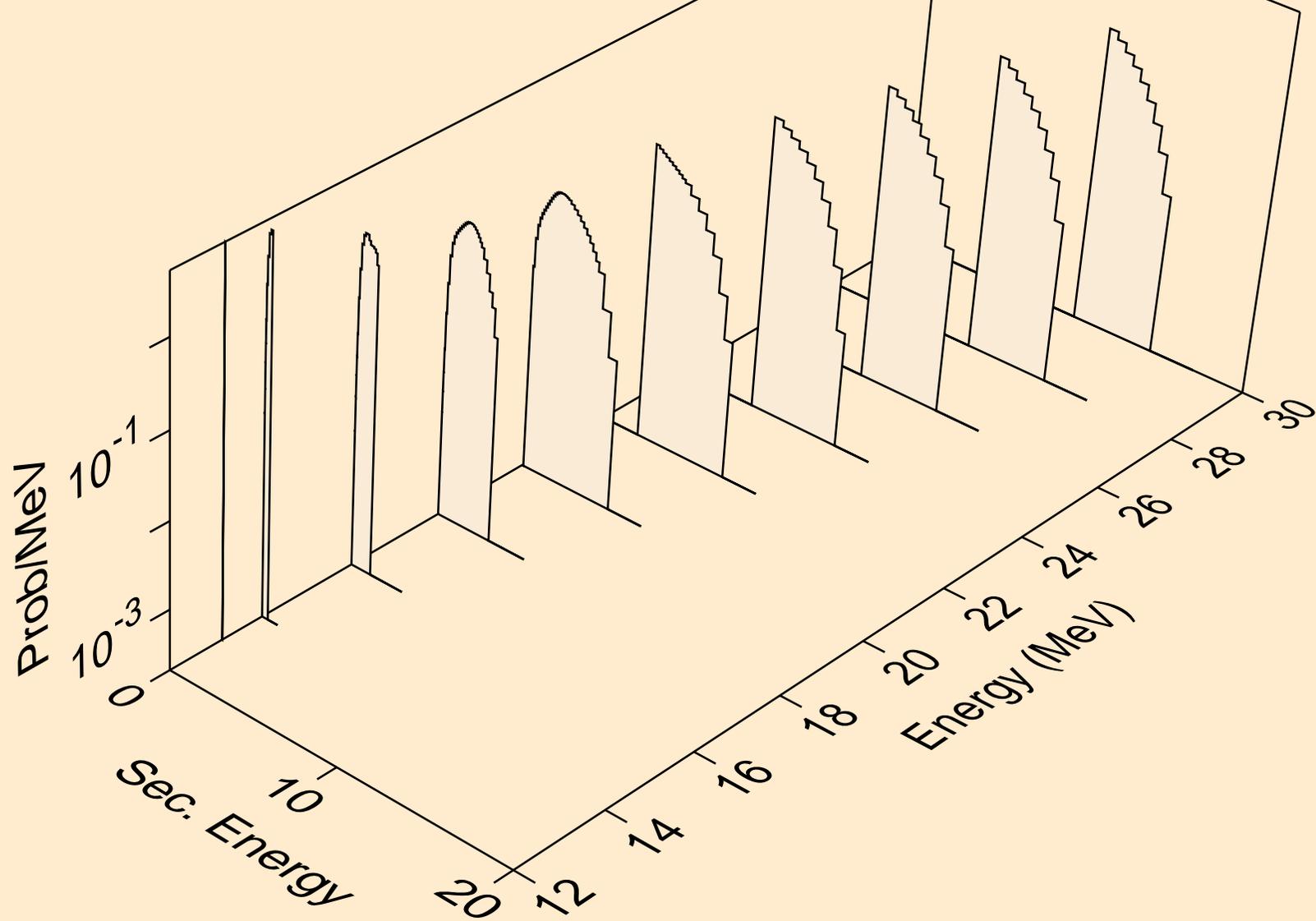tritons
he-3

MeV/collision

Energy (MeV)

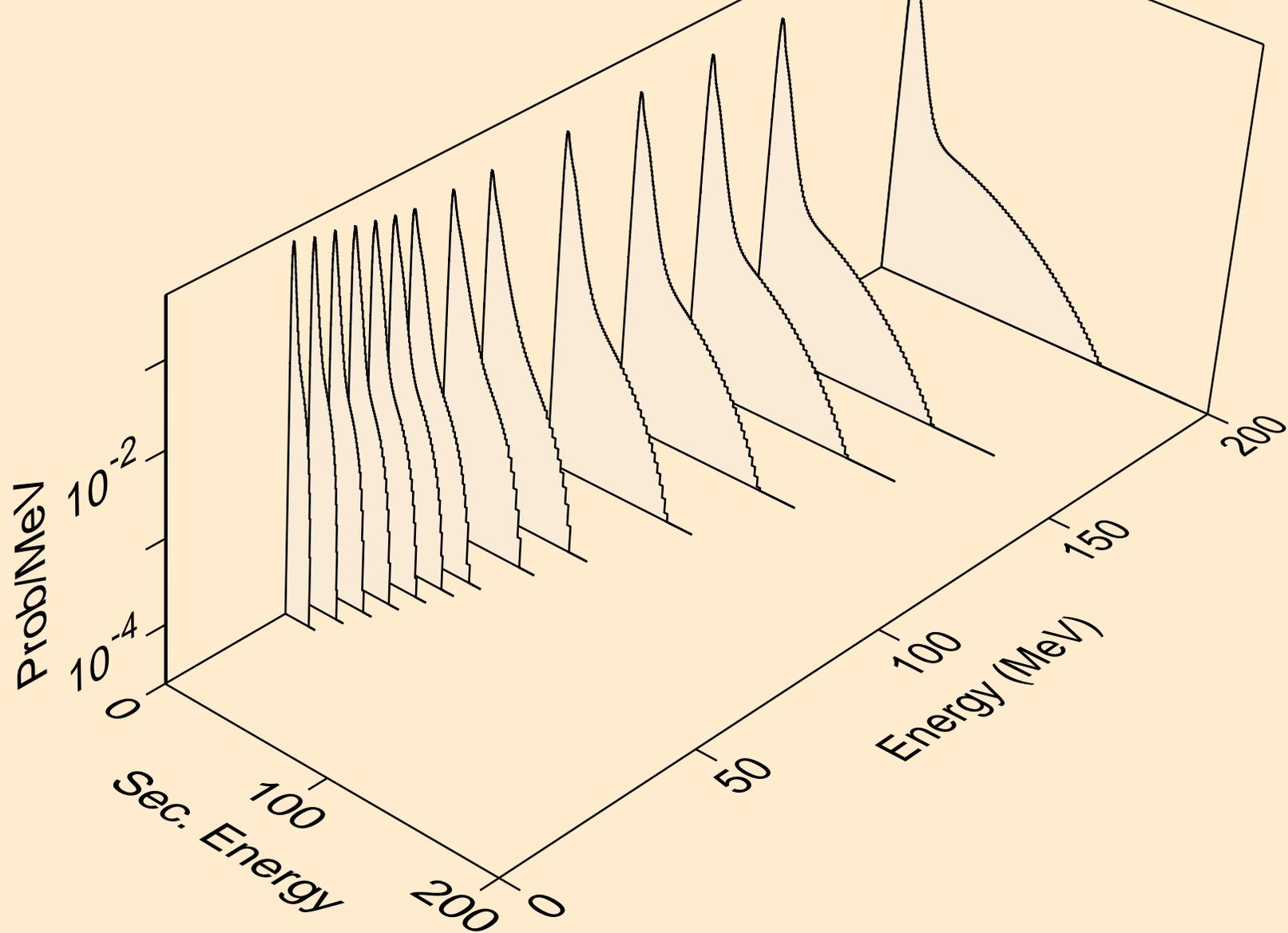PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Recoil Heating

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)

Prob/MeV

10^{-1}

10^{-3}

0

Sec. Energy

5

10

Energy (MeV)

20

22

24

26

28

30

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a

ProbMeV

10^0

10^{-2}

0

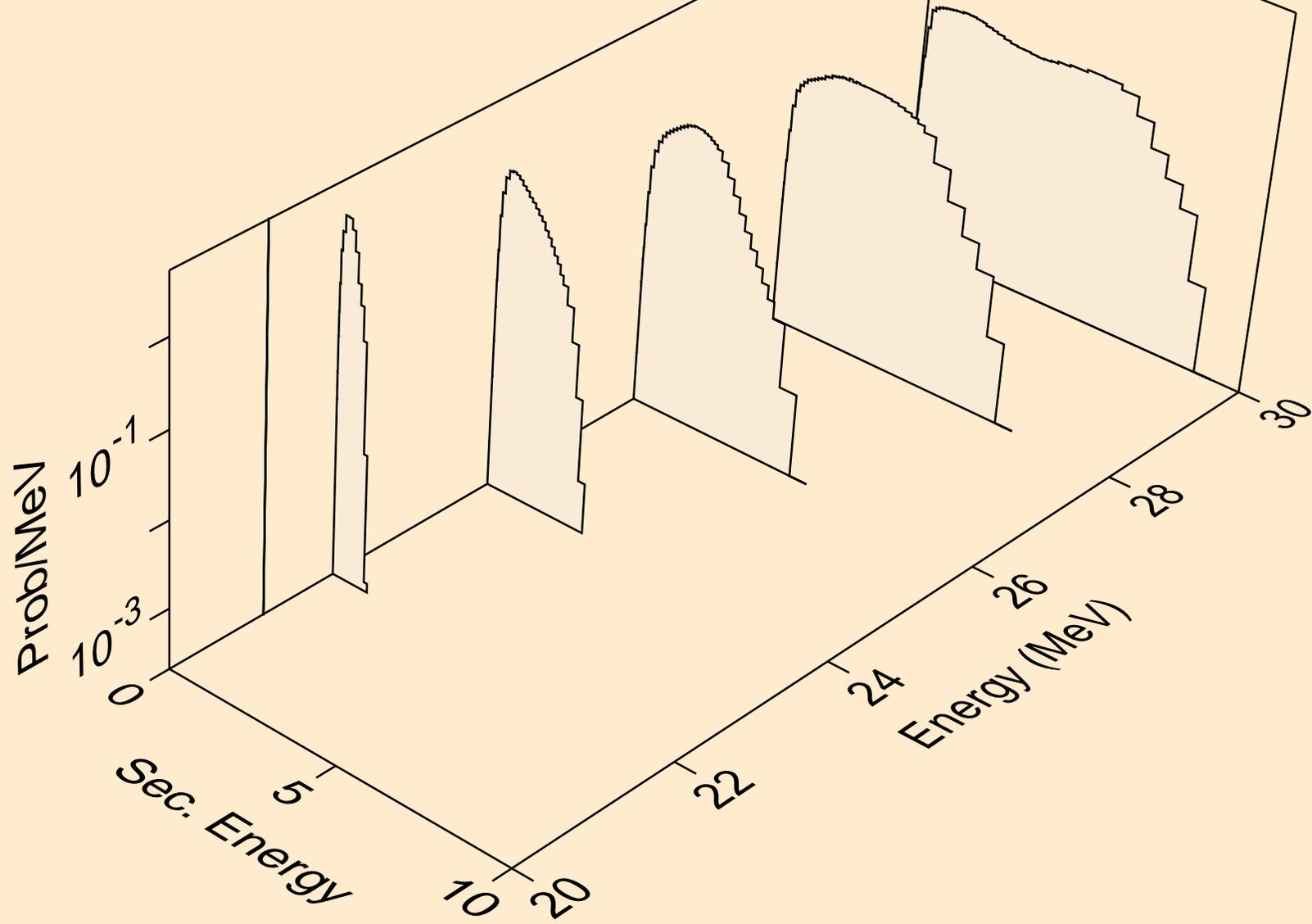Sec. Energy

5
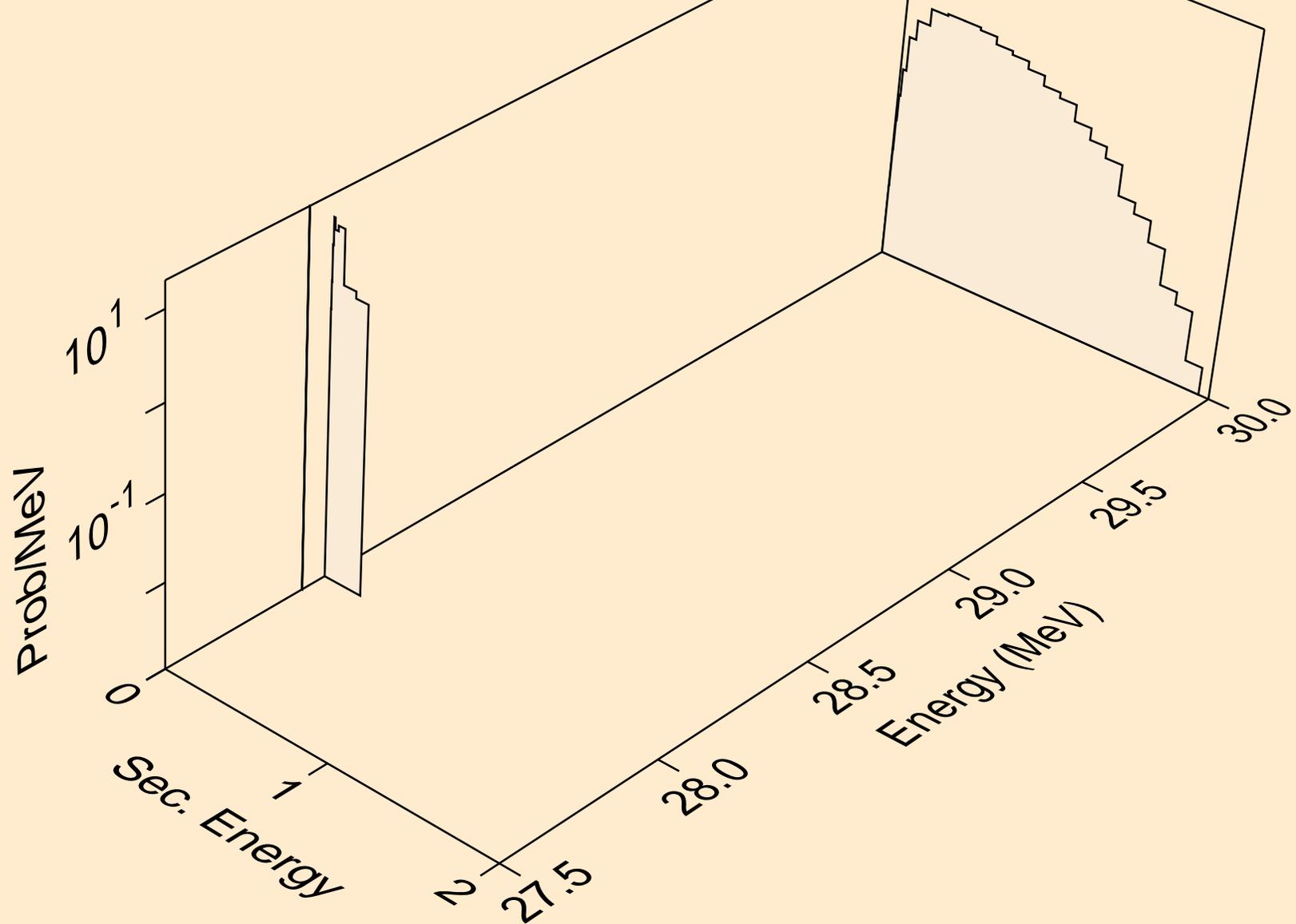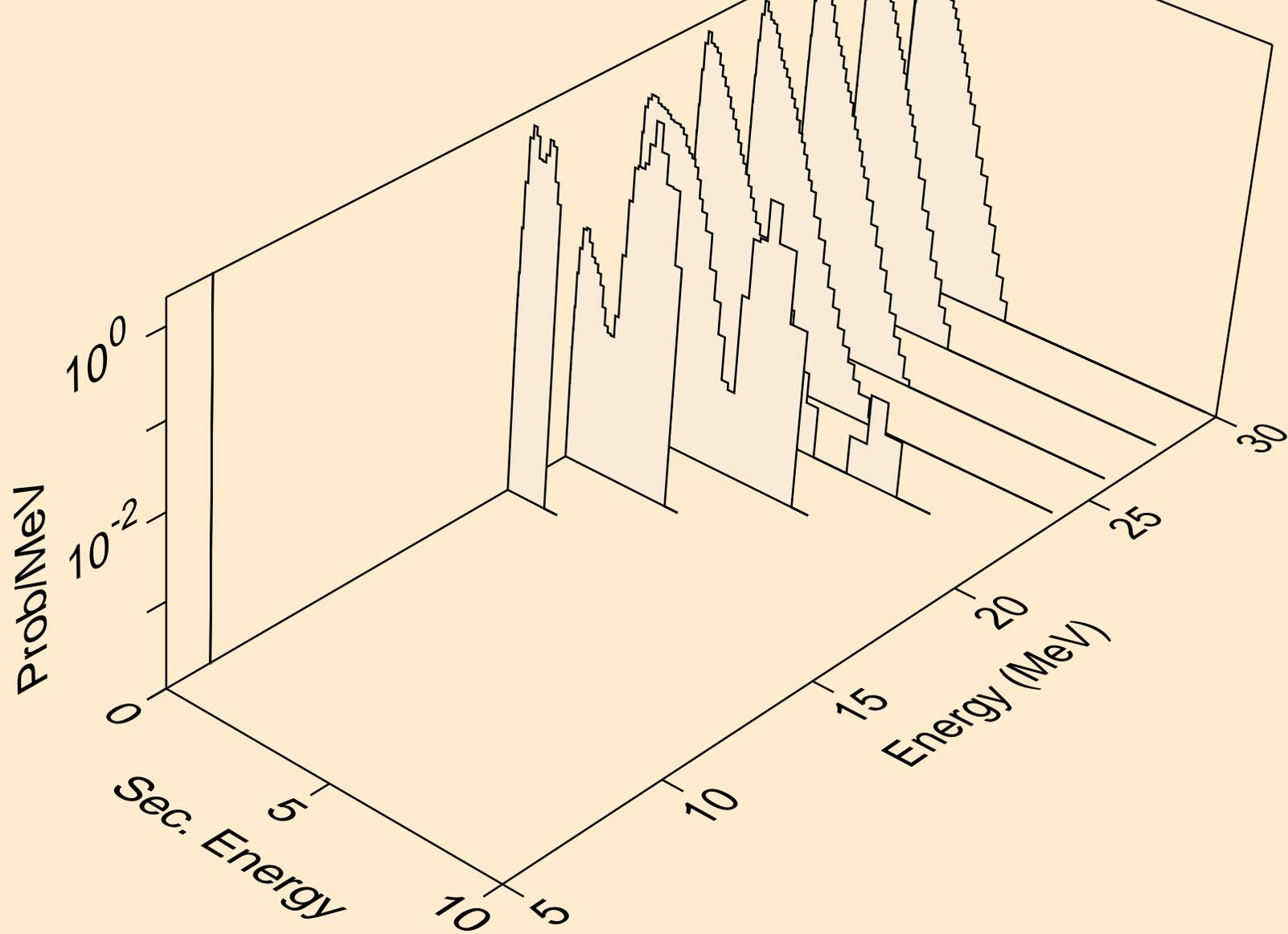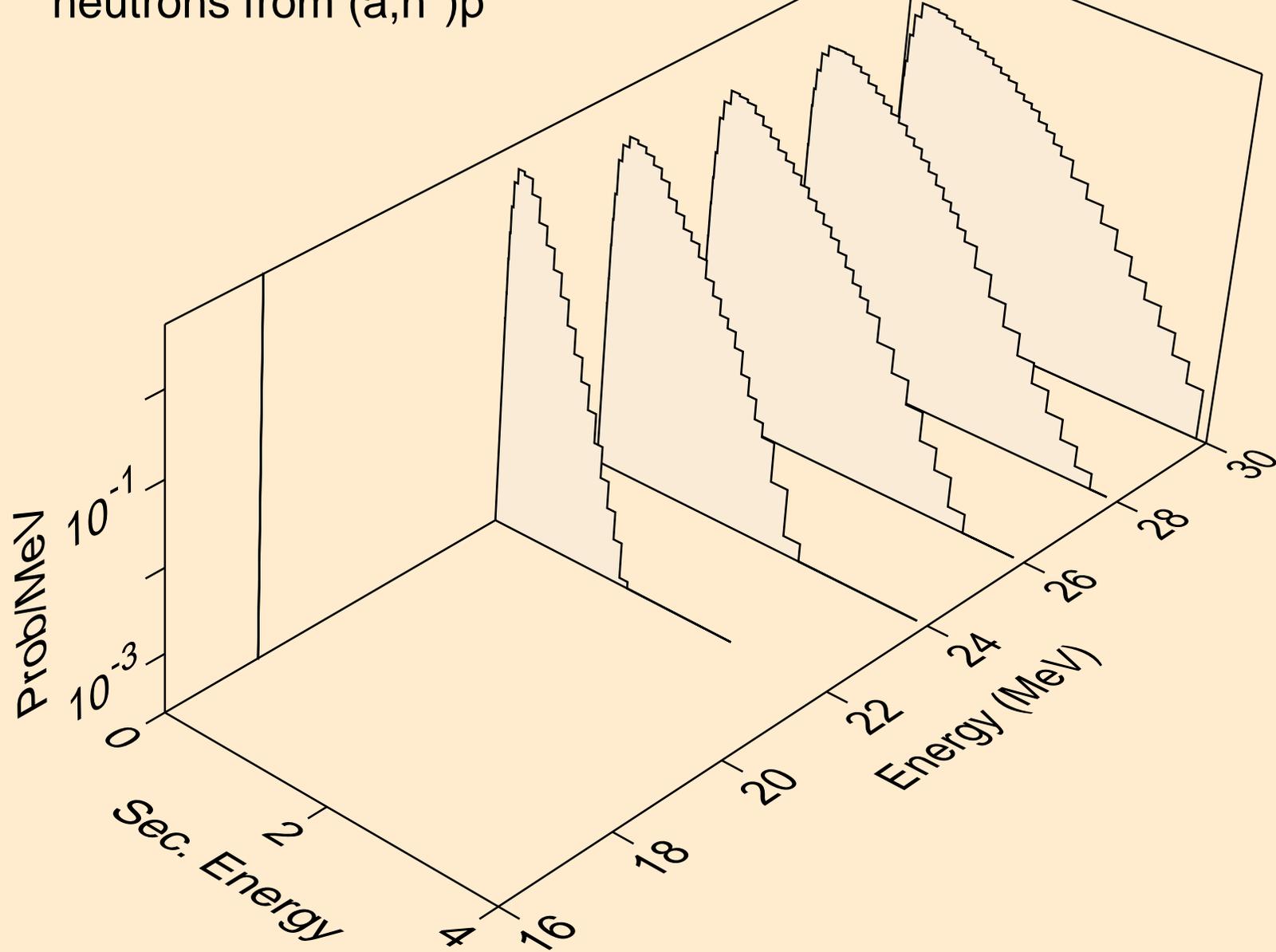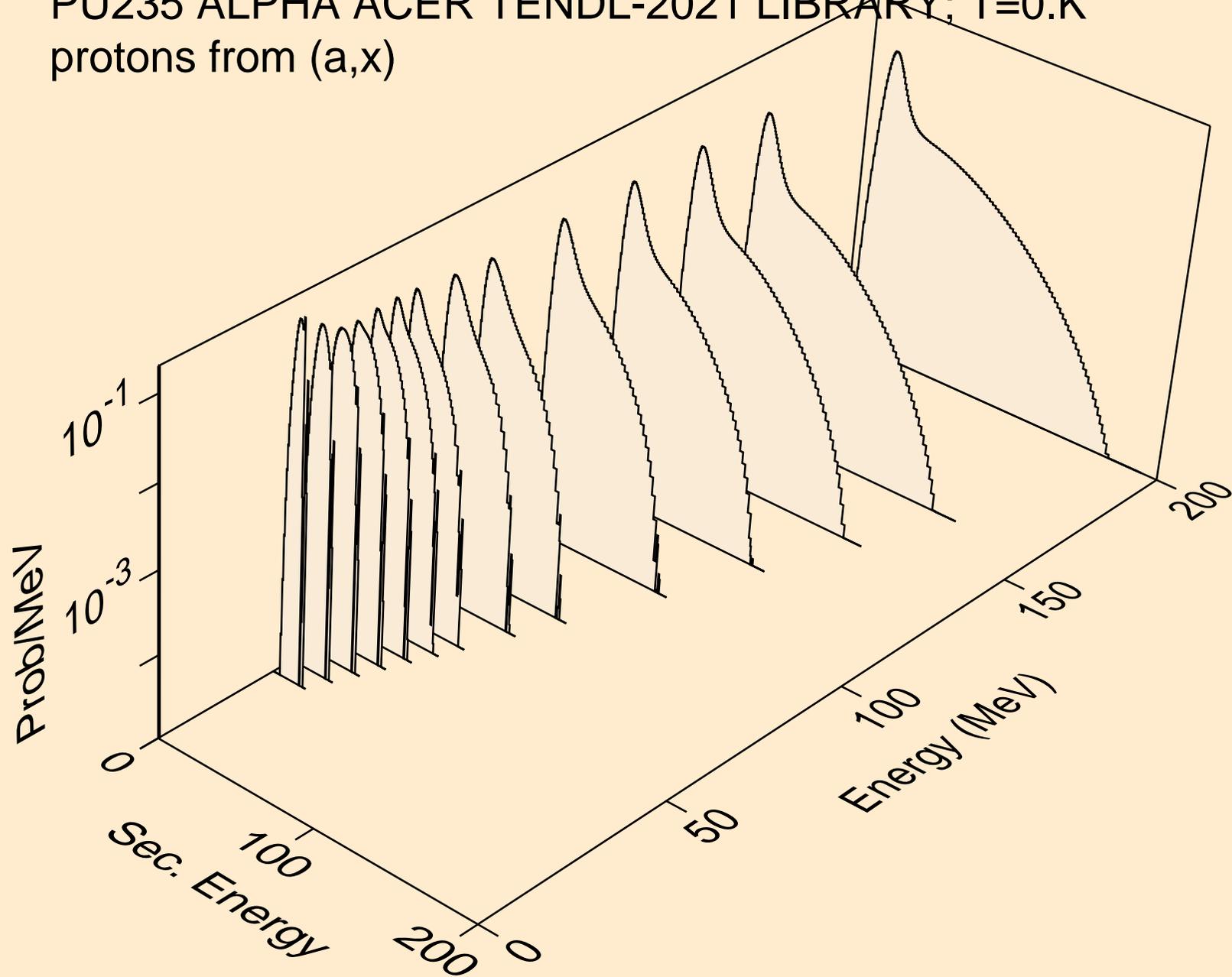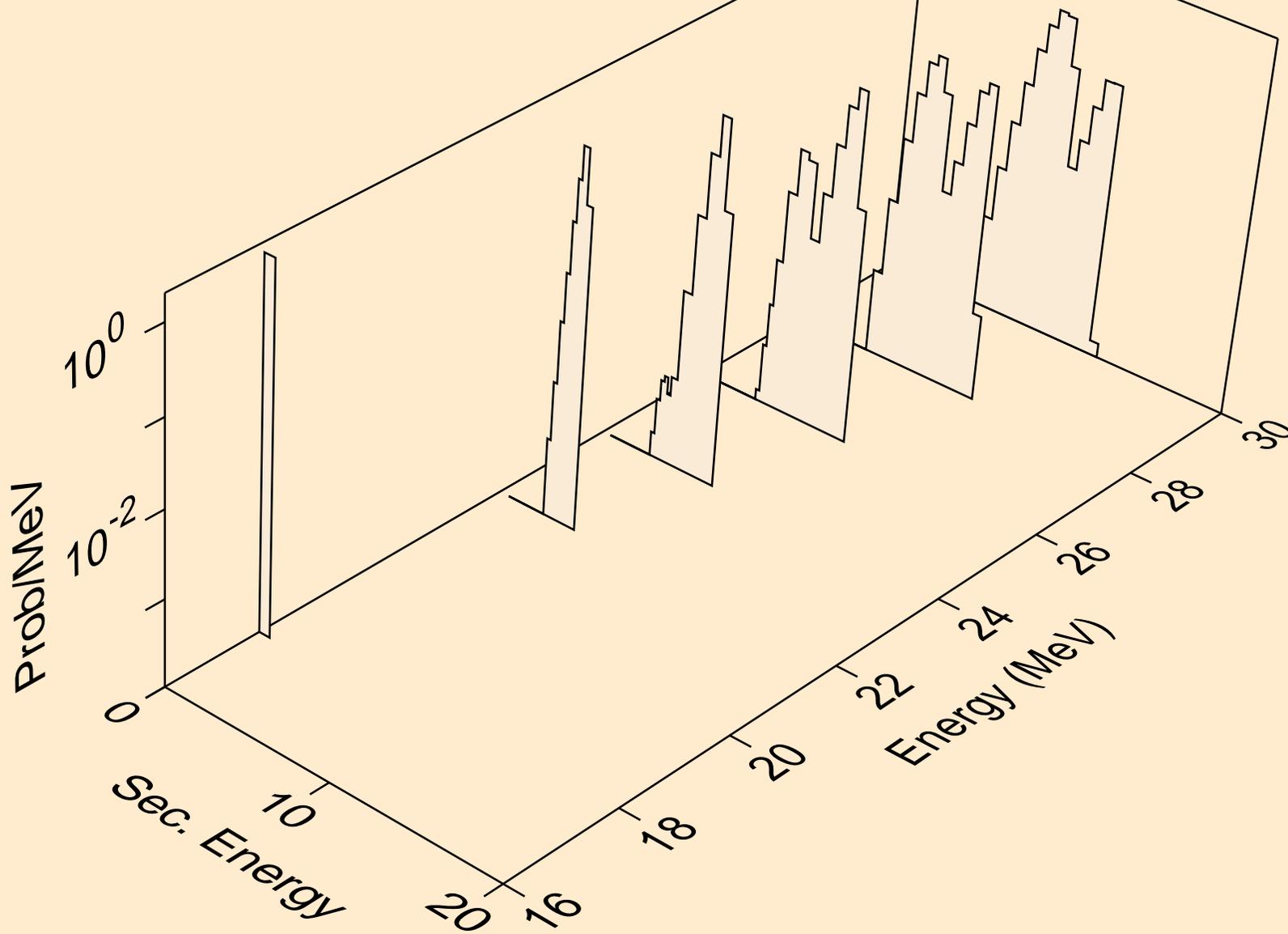
10

Energy (MeV)

5

10

15

20

25

30

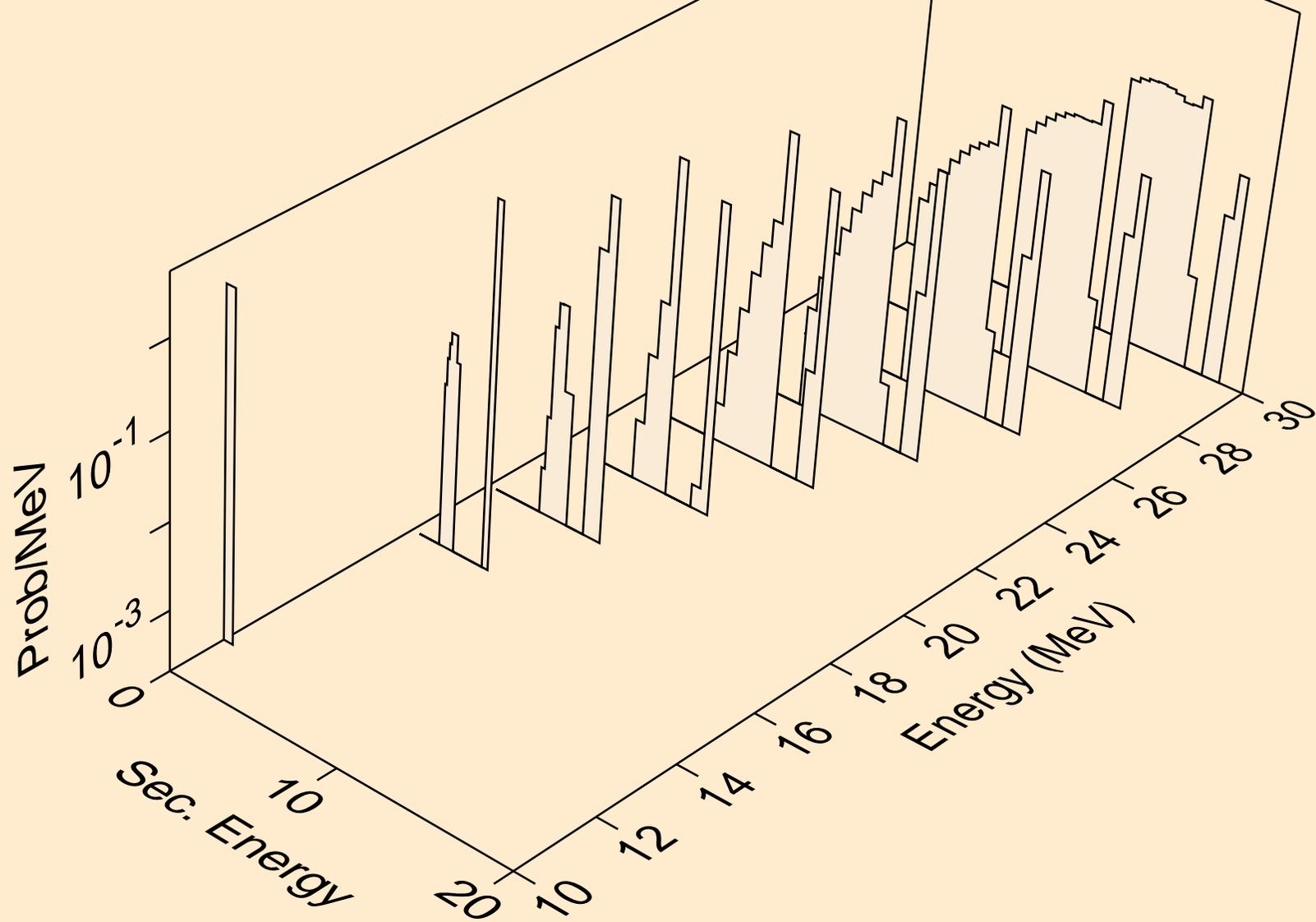PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p

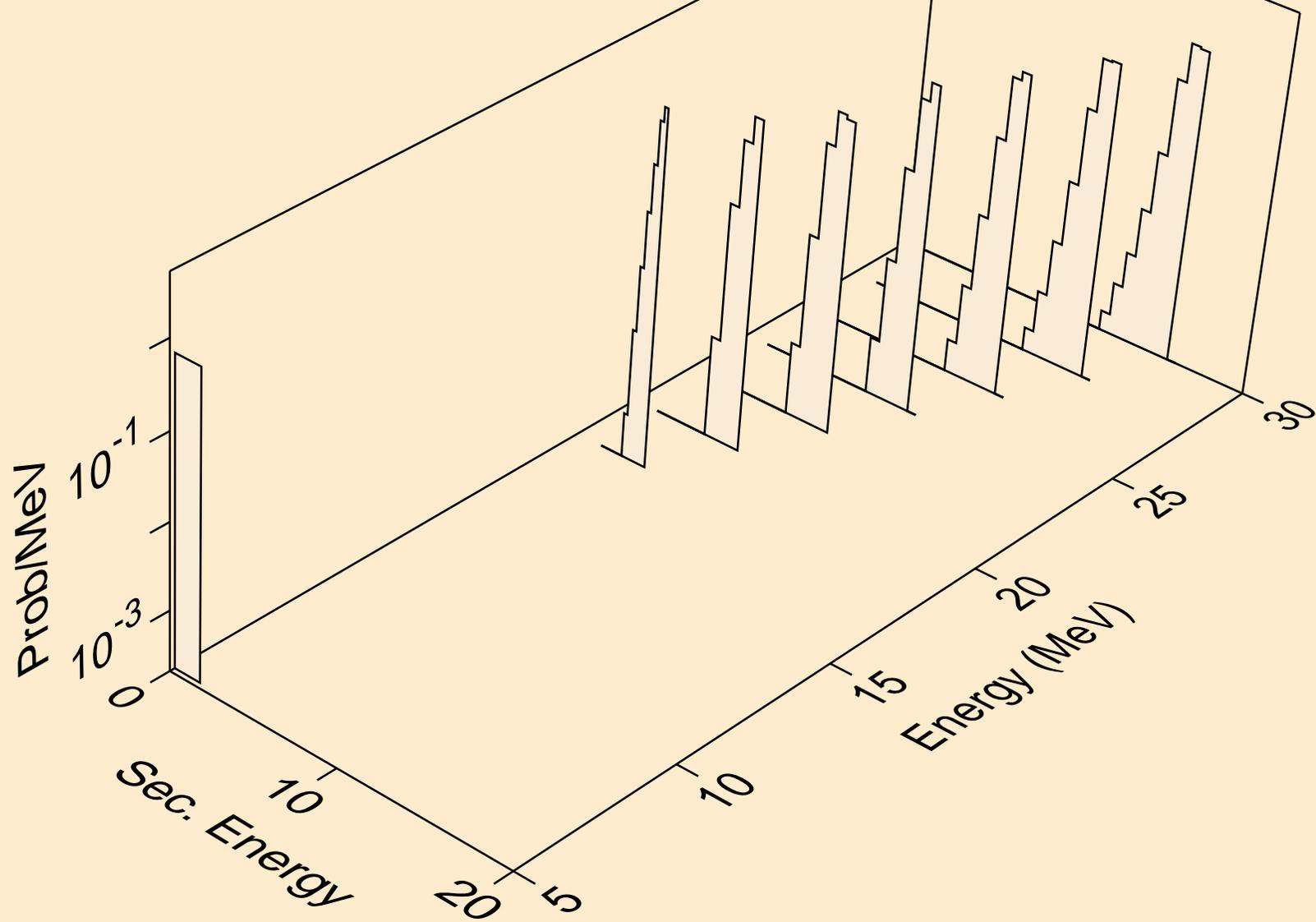PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
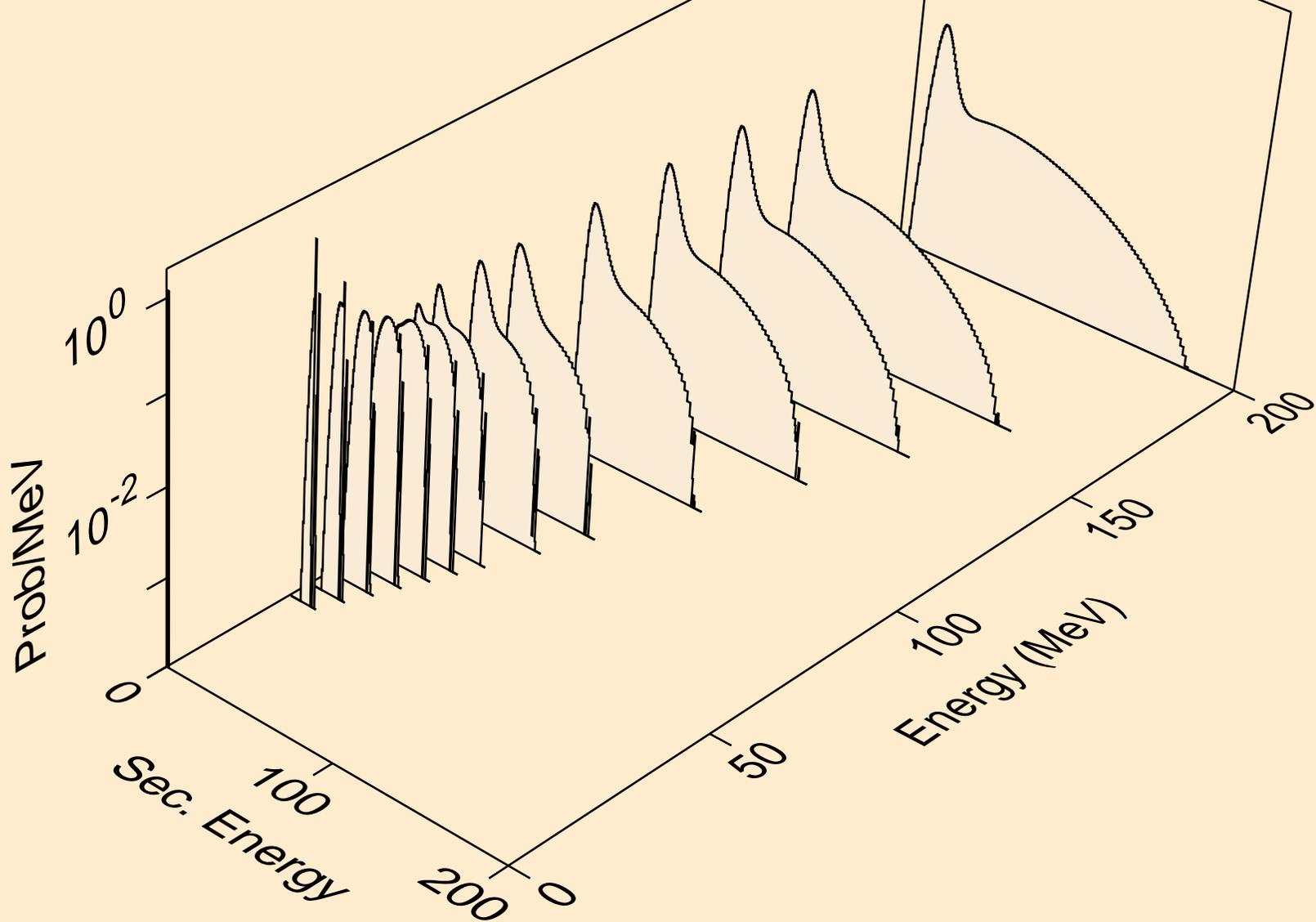protons from (a,n*)p

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,p)
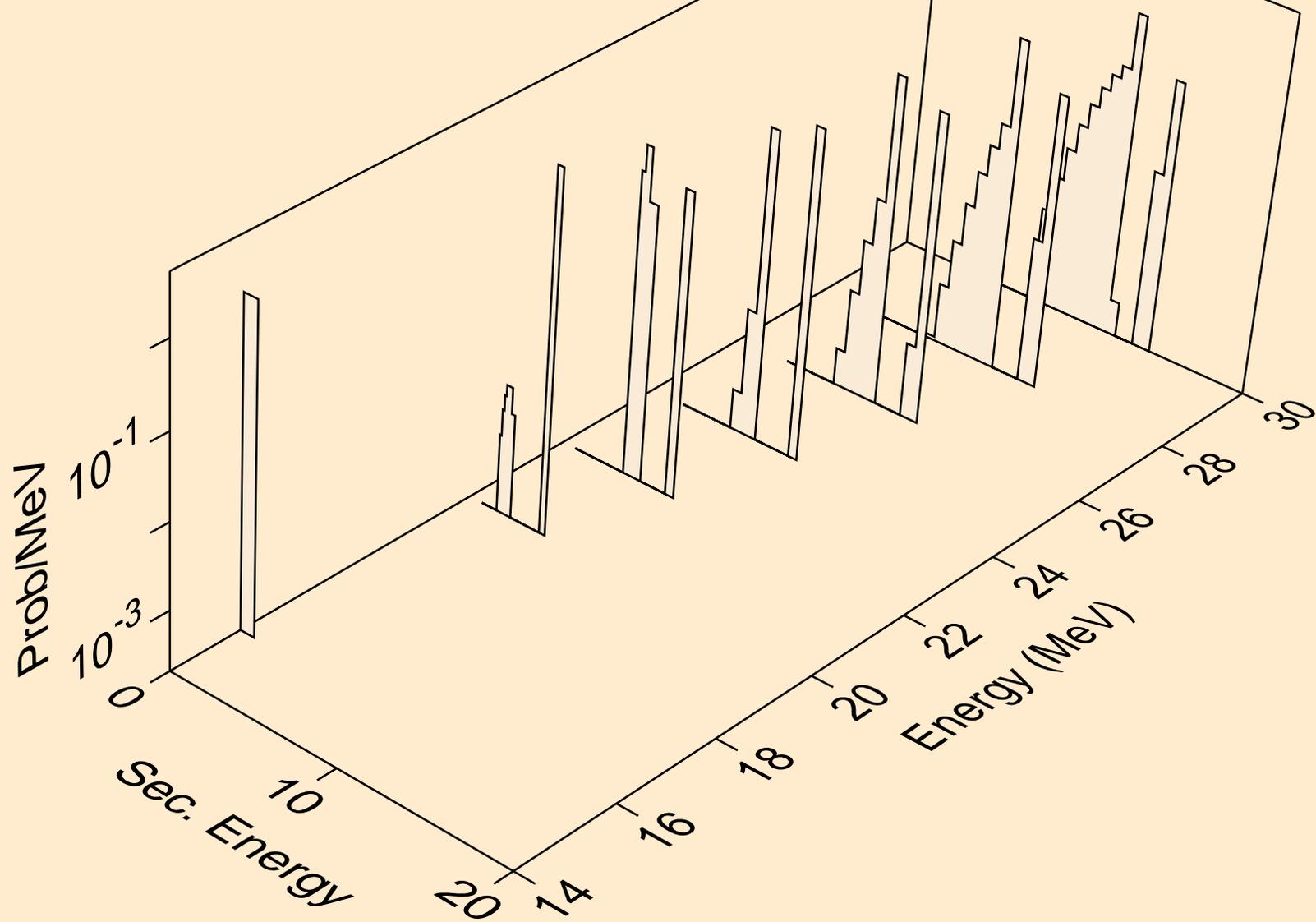
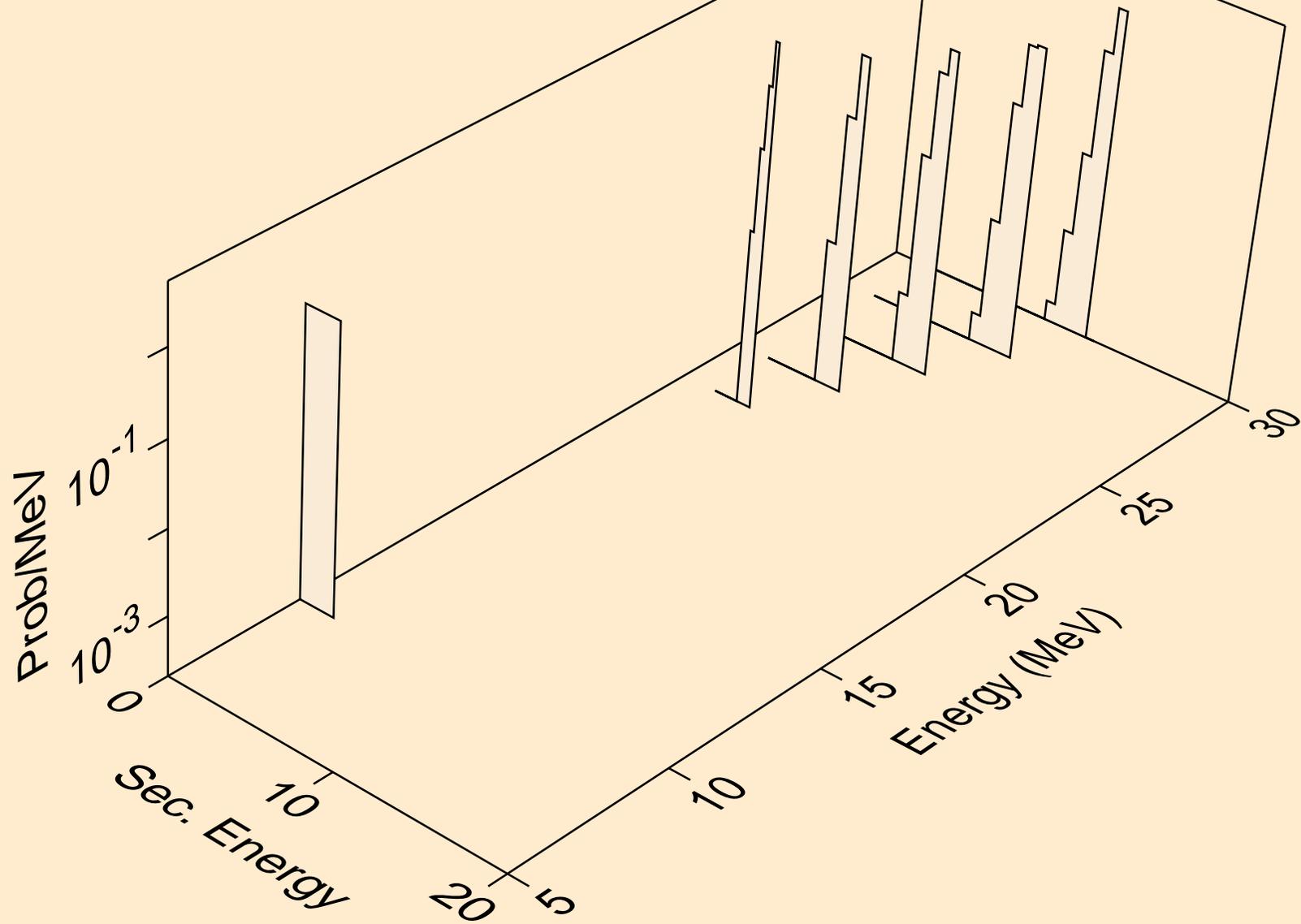PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pa)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)

ProbMeV

10^0

10^{-2}

0

Sec. Energy

100

200

Energy (MeV)

0

50

100

150

200

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)

Prob/MeV

10^{-1}

10^{-3}

0

Sec. Energy

10

20

14

16

18

20

22

24

26

28

30

Energy (MeV)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,da)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)

ProbMeV

10^0

10^{-2}

10^{-4}
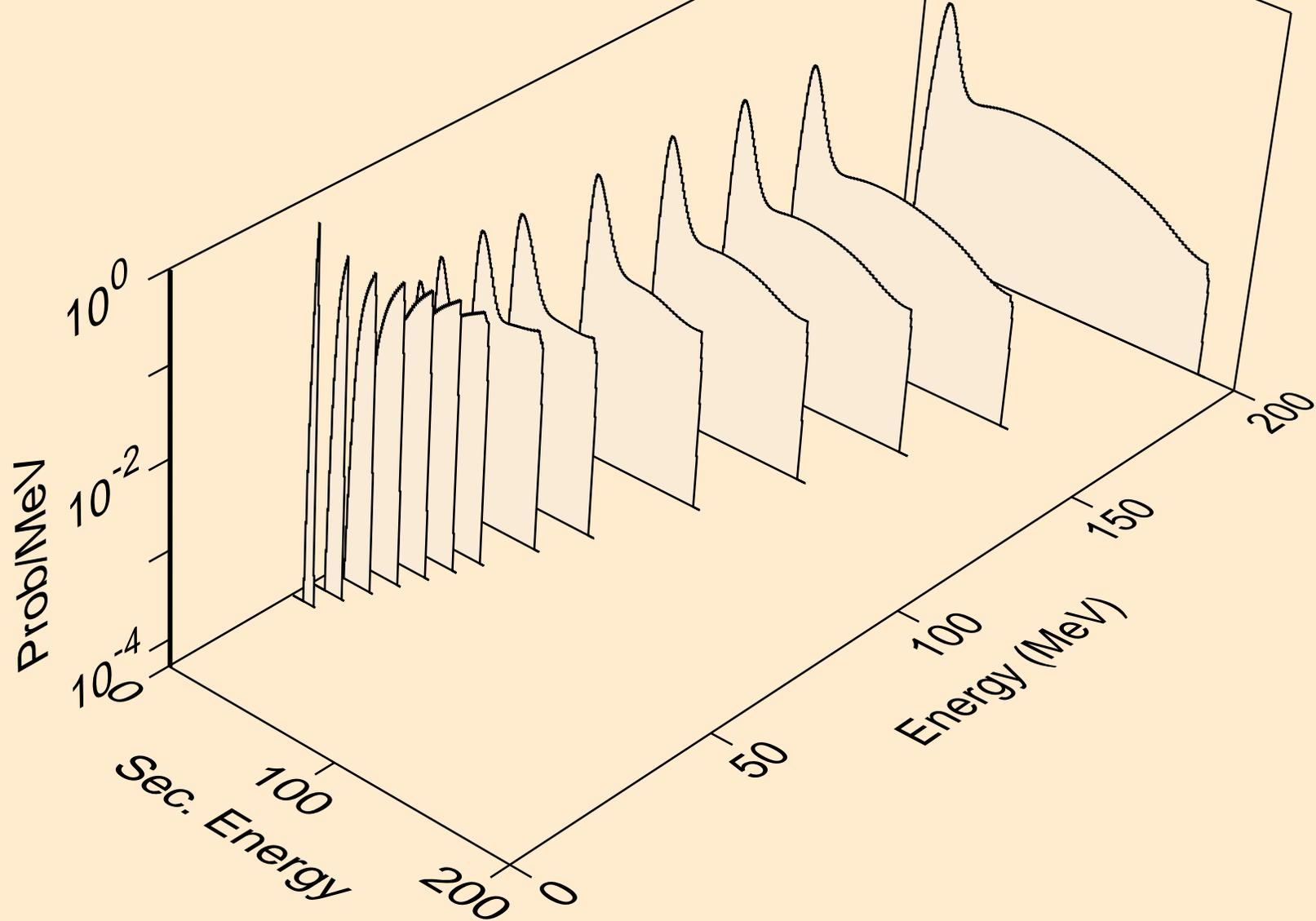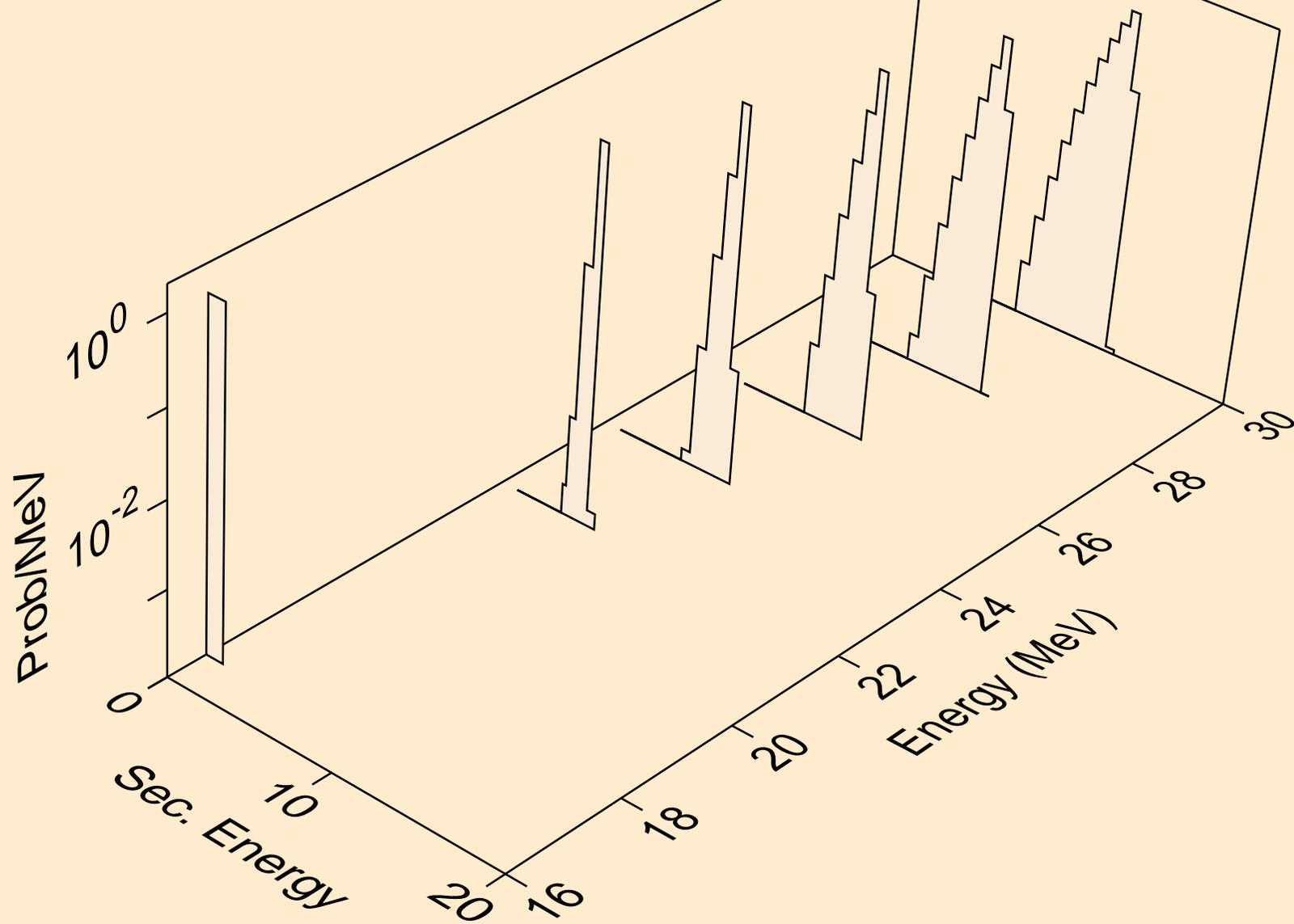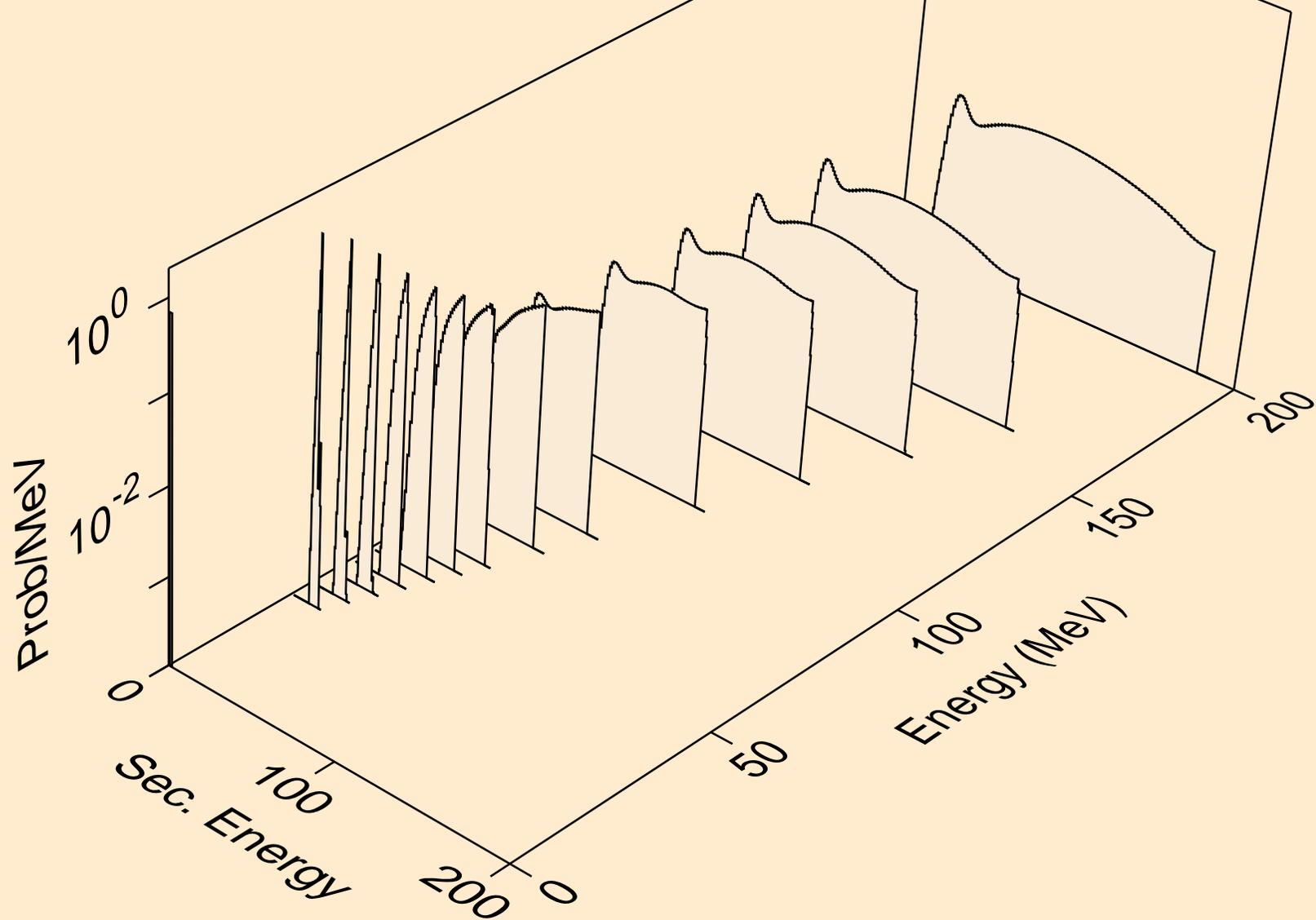
Sec. Energy

100

200

Energy (MeV)

50

100

150

200

0

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)

PU235 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)