

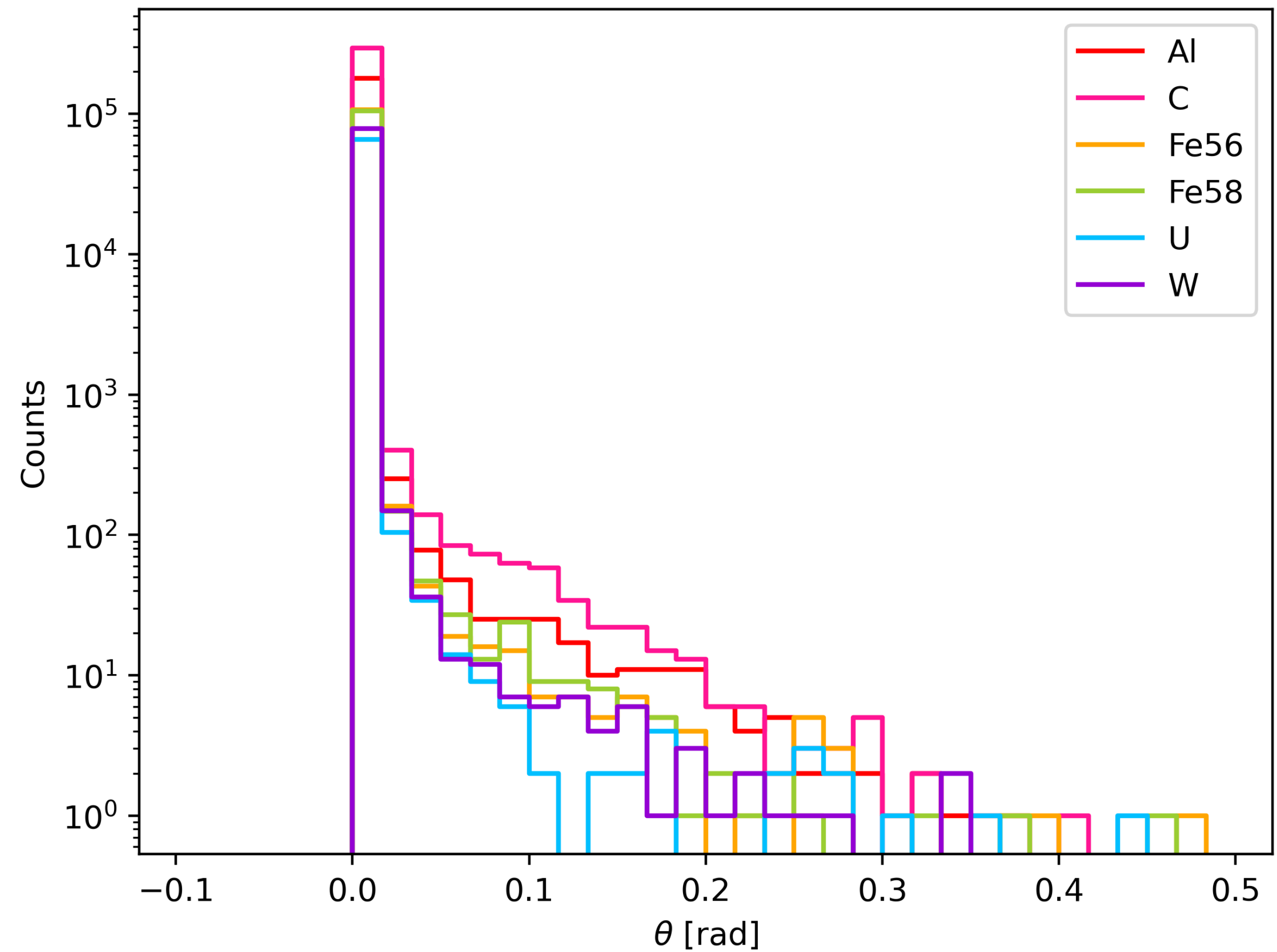
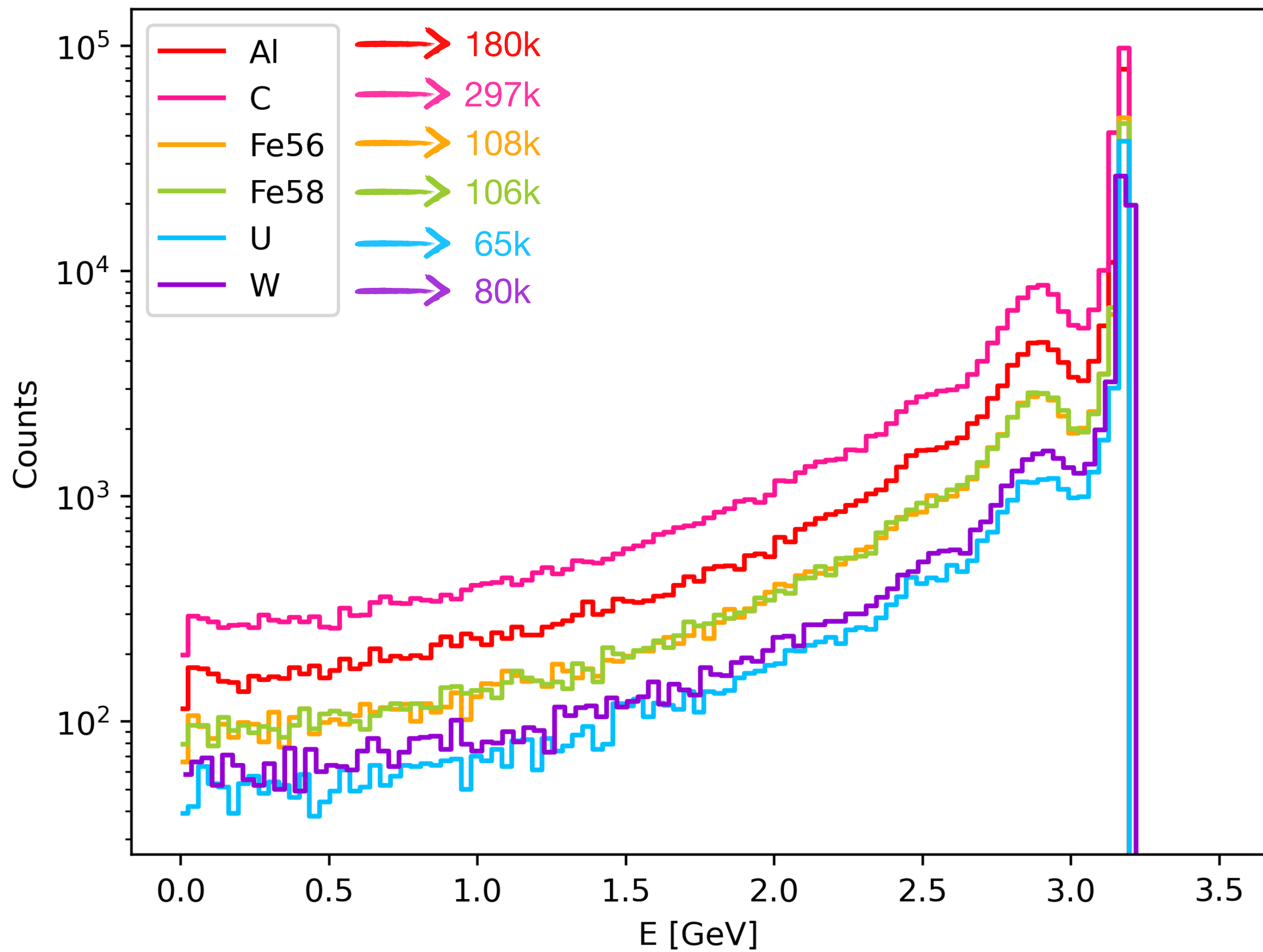
FLUKA target thicknesses

Simulated 2.5E9 e.o.t.

Material	A	Z	X0 [cm]	0.1 * X0 [cm]
C	12	6	21.4845	2.1486
Al	27	13	8.996	0.8996
Fe56	56	26	1.80	0.18
Fe58	58	26	1.87	0.187
U	232	92	0.298	0.0298

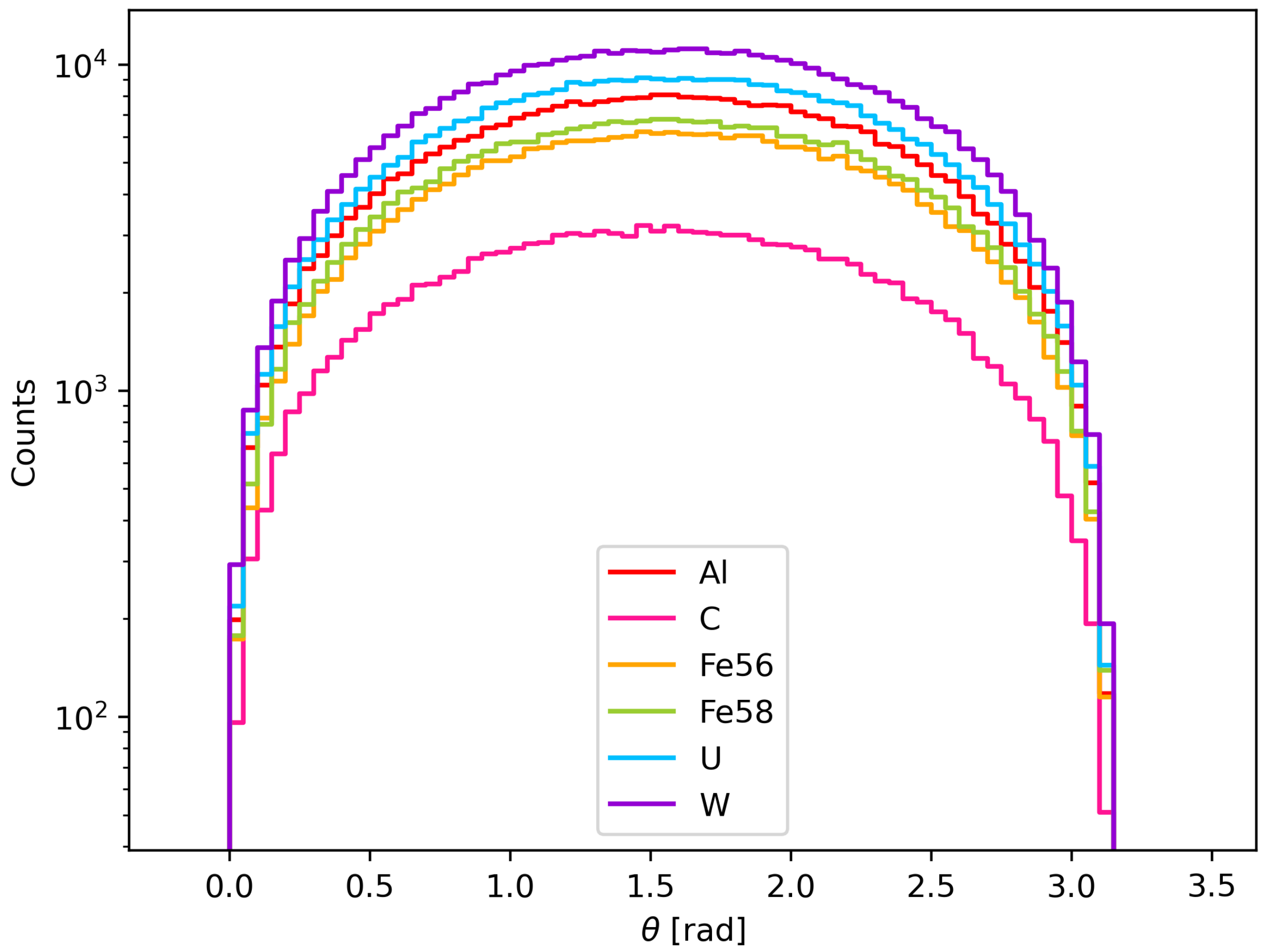
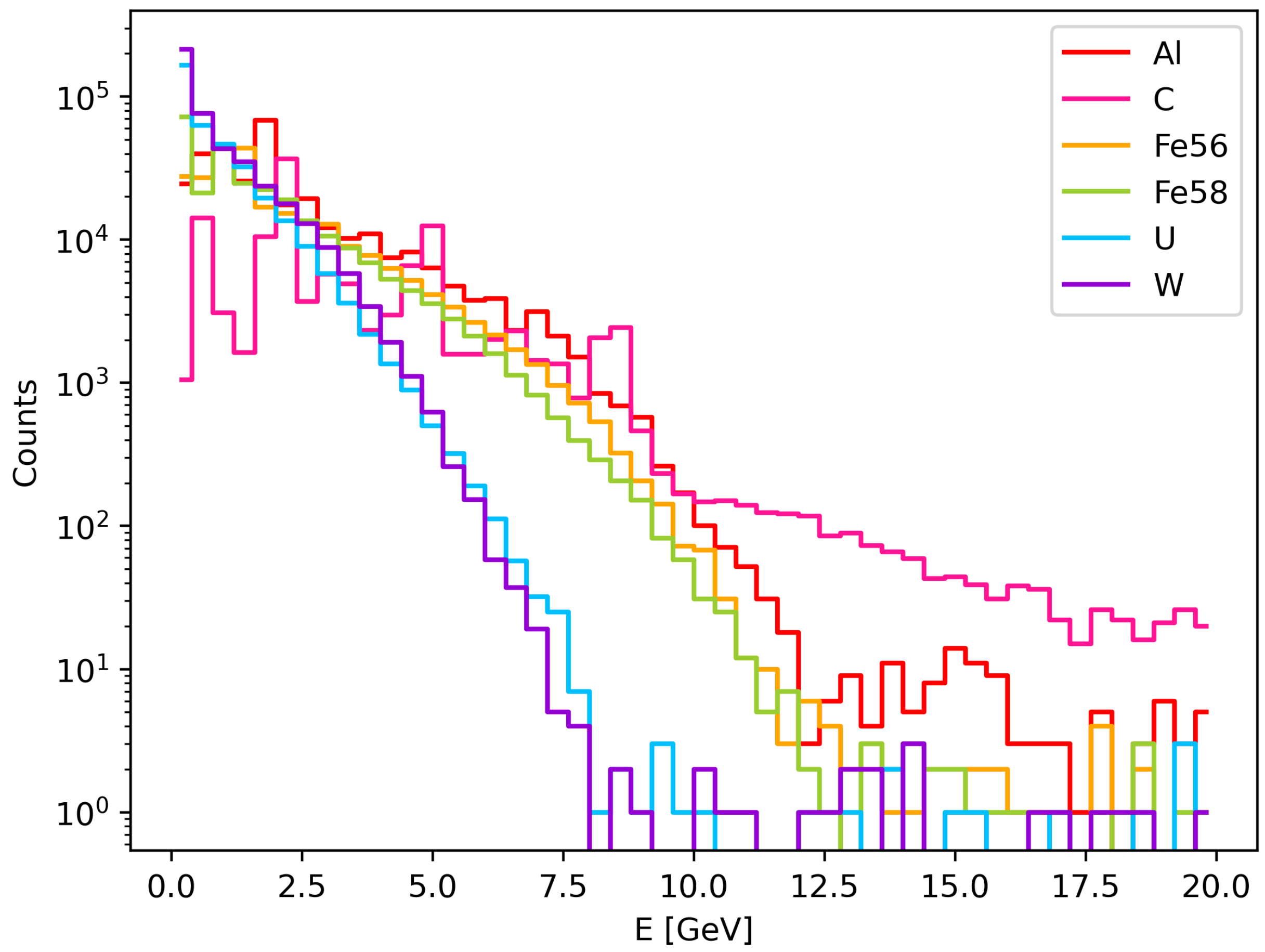
FLUKA recoiling electron

Simulated 2.5E9 e.o.t.
No event selection



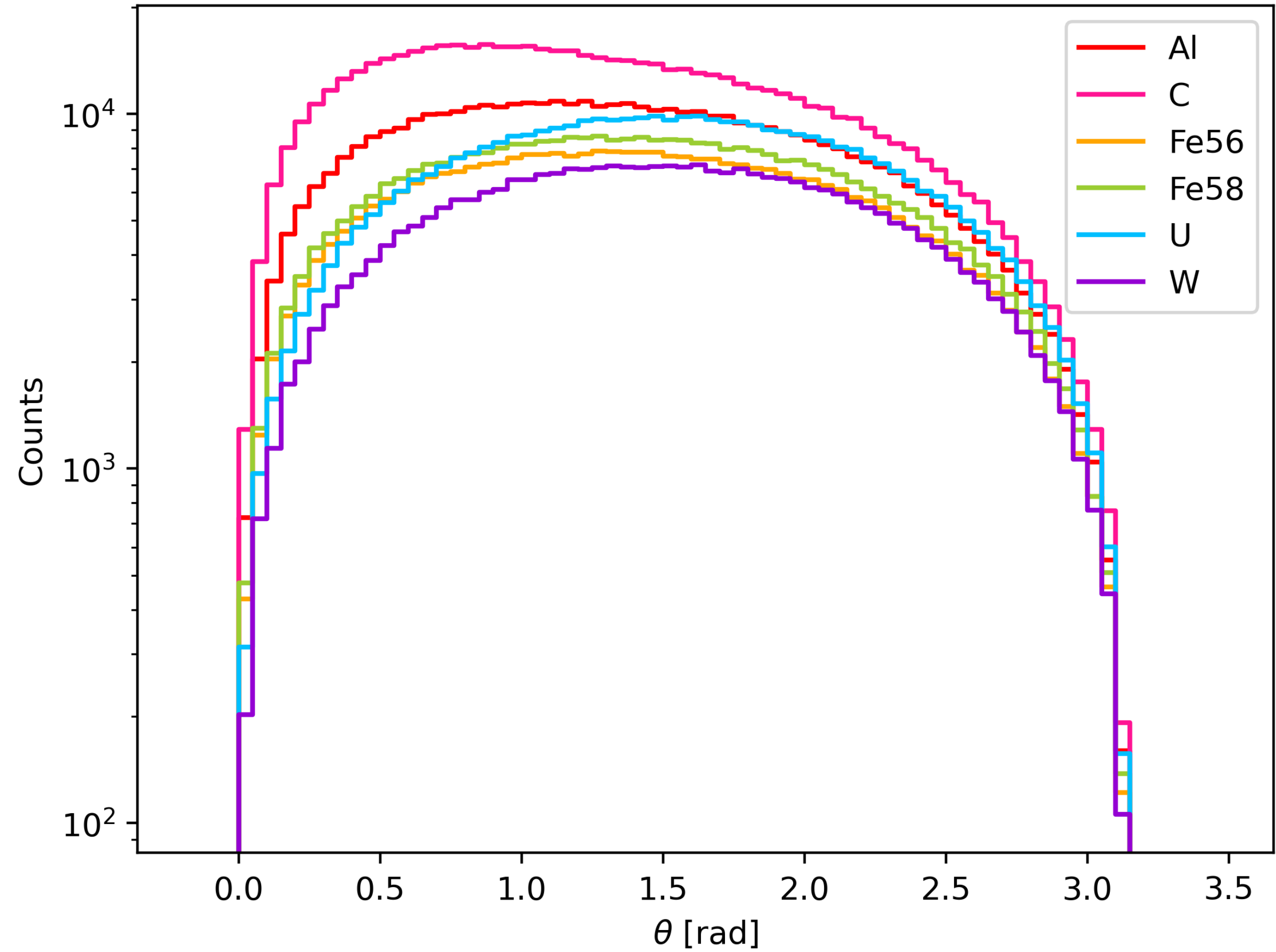
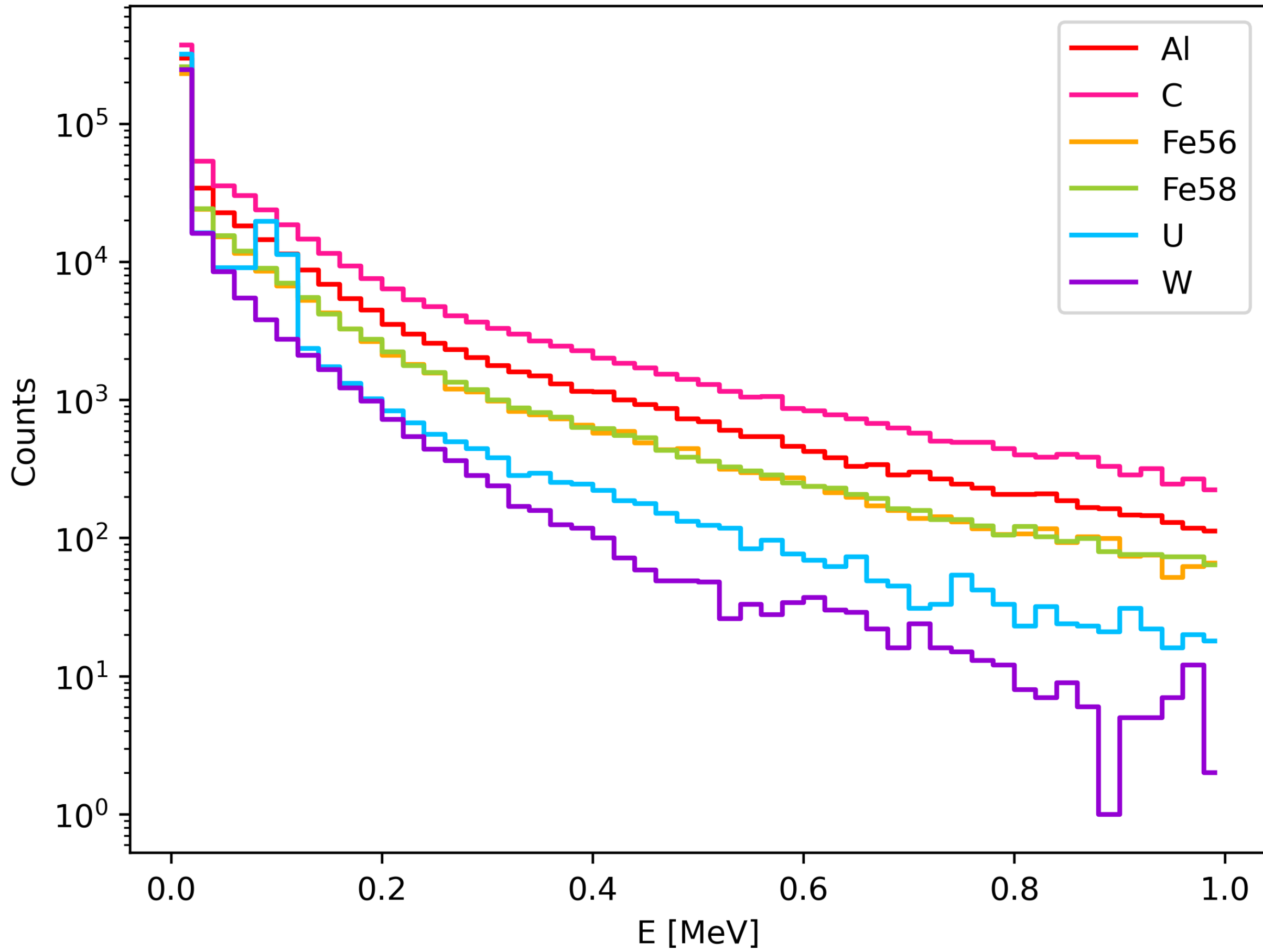
FLUKA secondary photons

Simulated 2.5E9 e.o.t.
No event selection



FLUKA secondary hadrons

Simulated 2.5E9 e.o.t.
No event selection

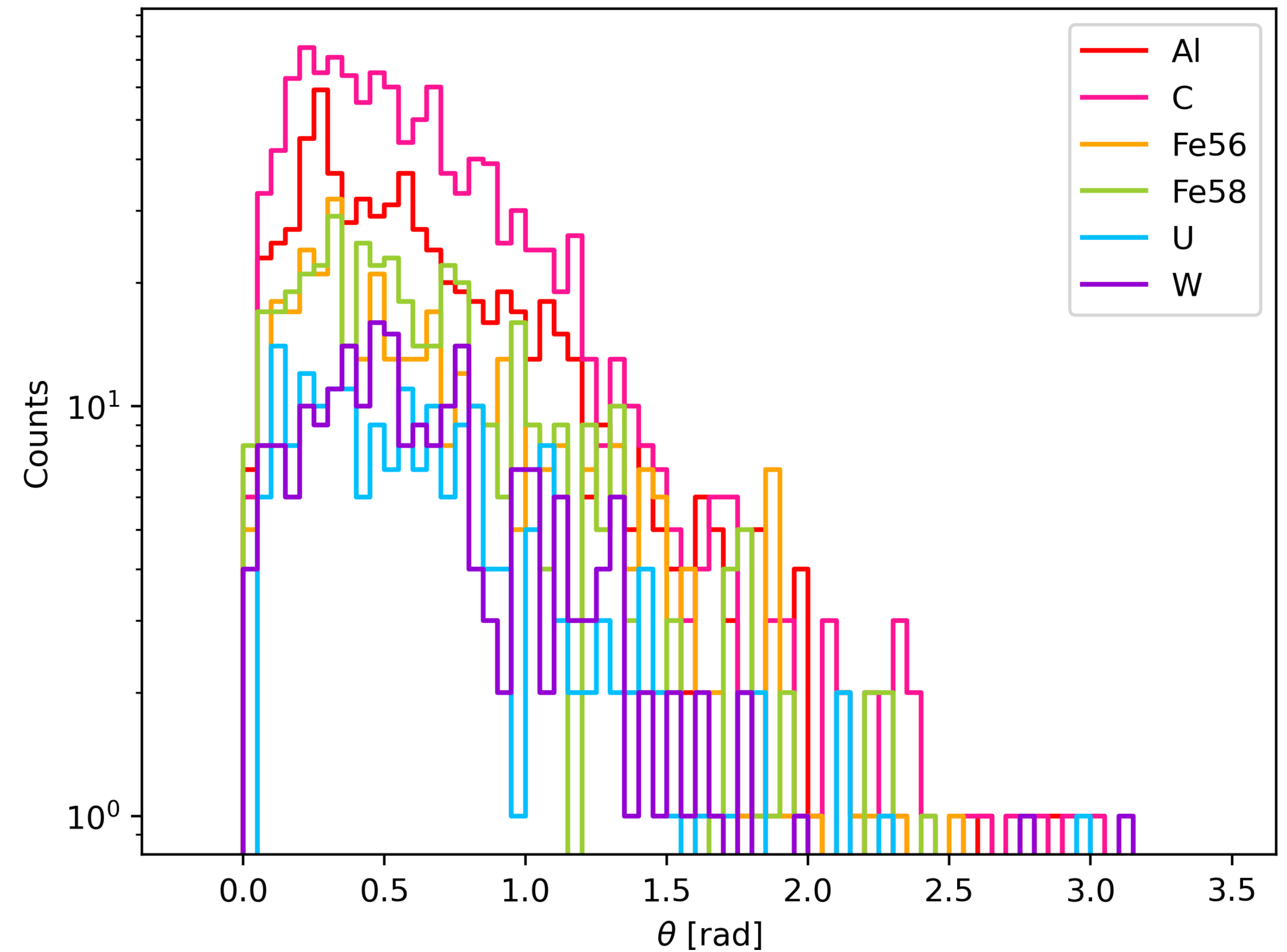
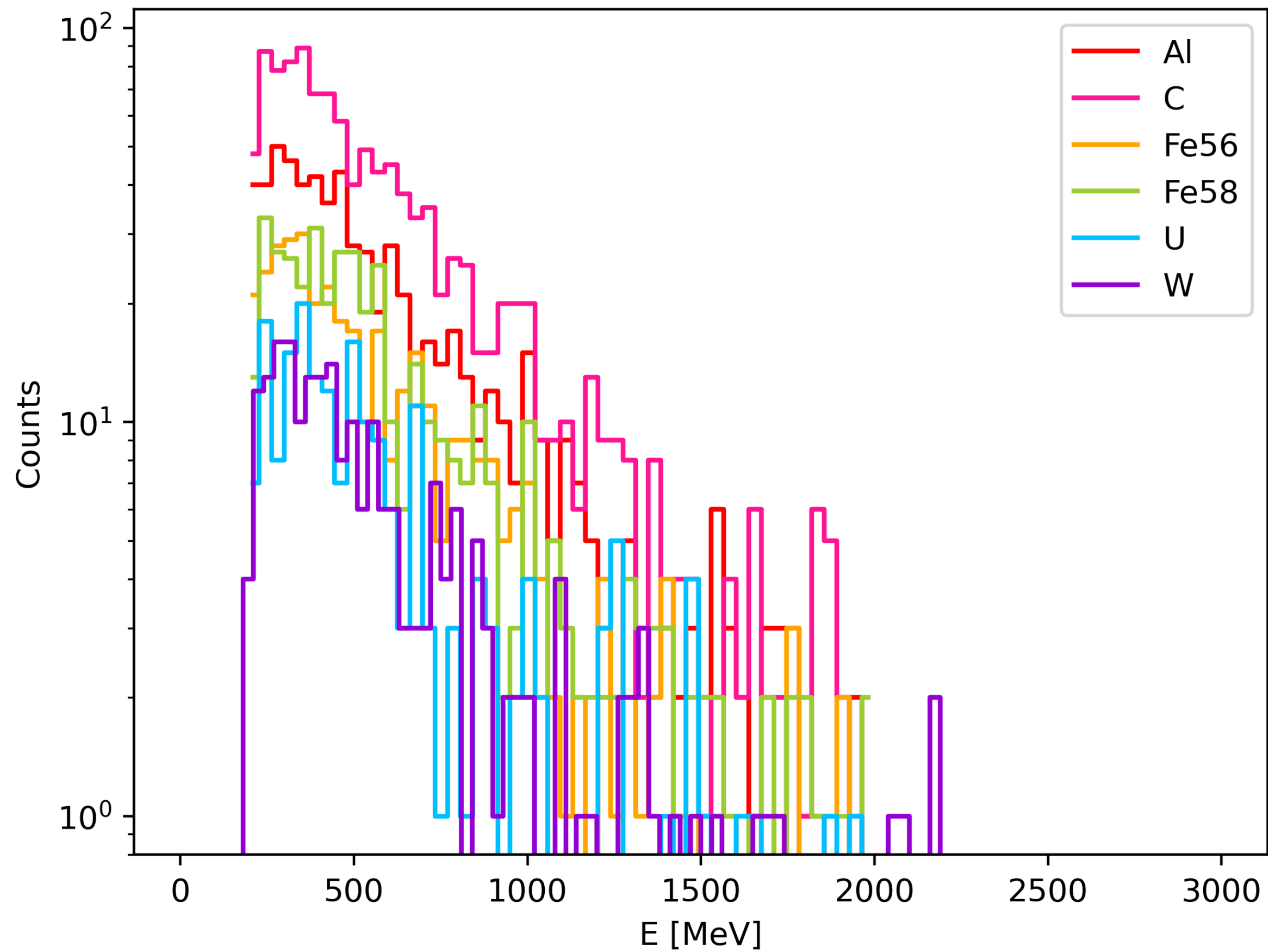


$E > 200 \text{ MeV}$

FLUKA secondary photons

Simulated $2.5\text{E}9$ e.o.t.

No event selection

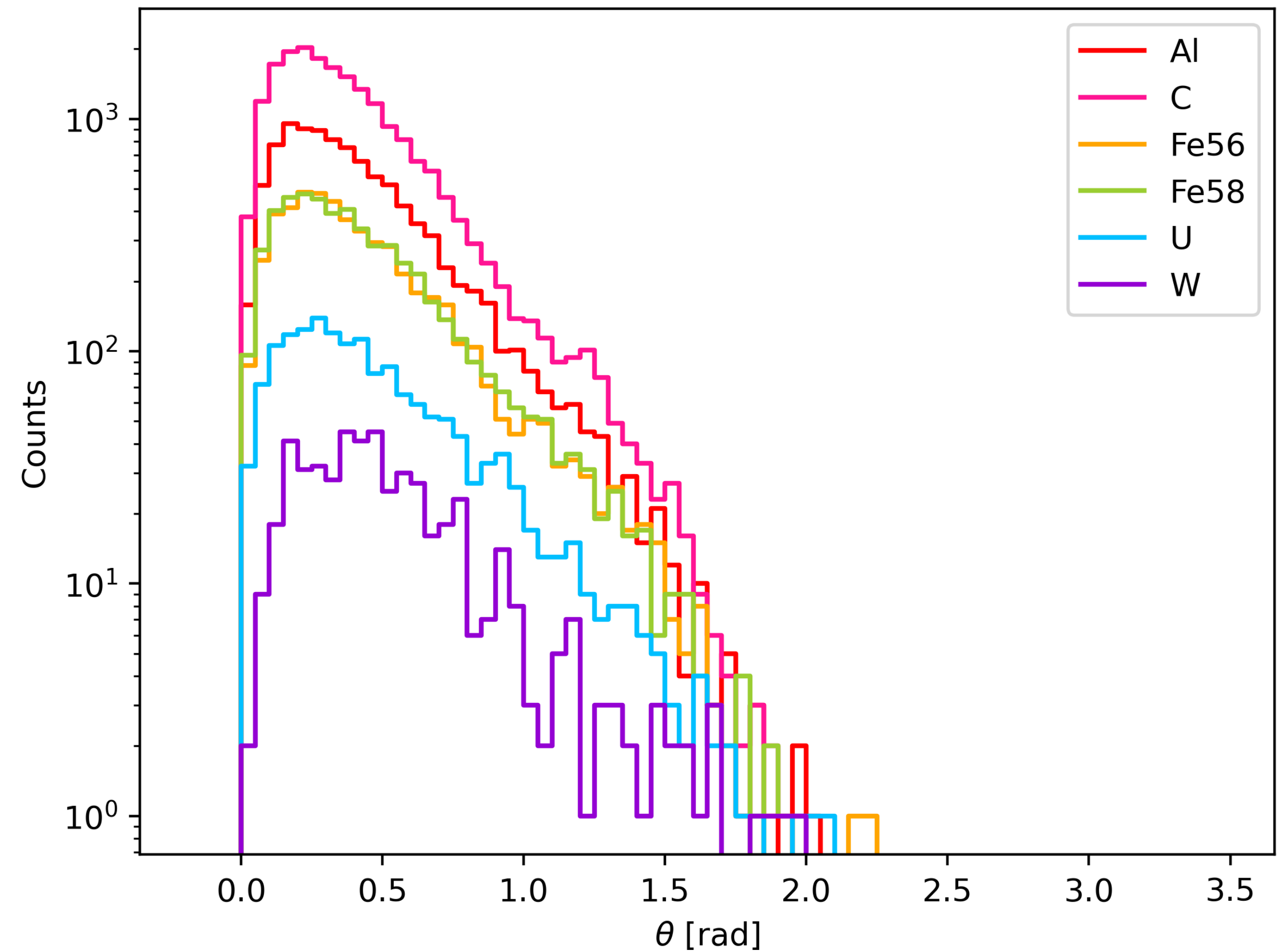
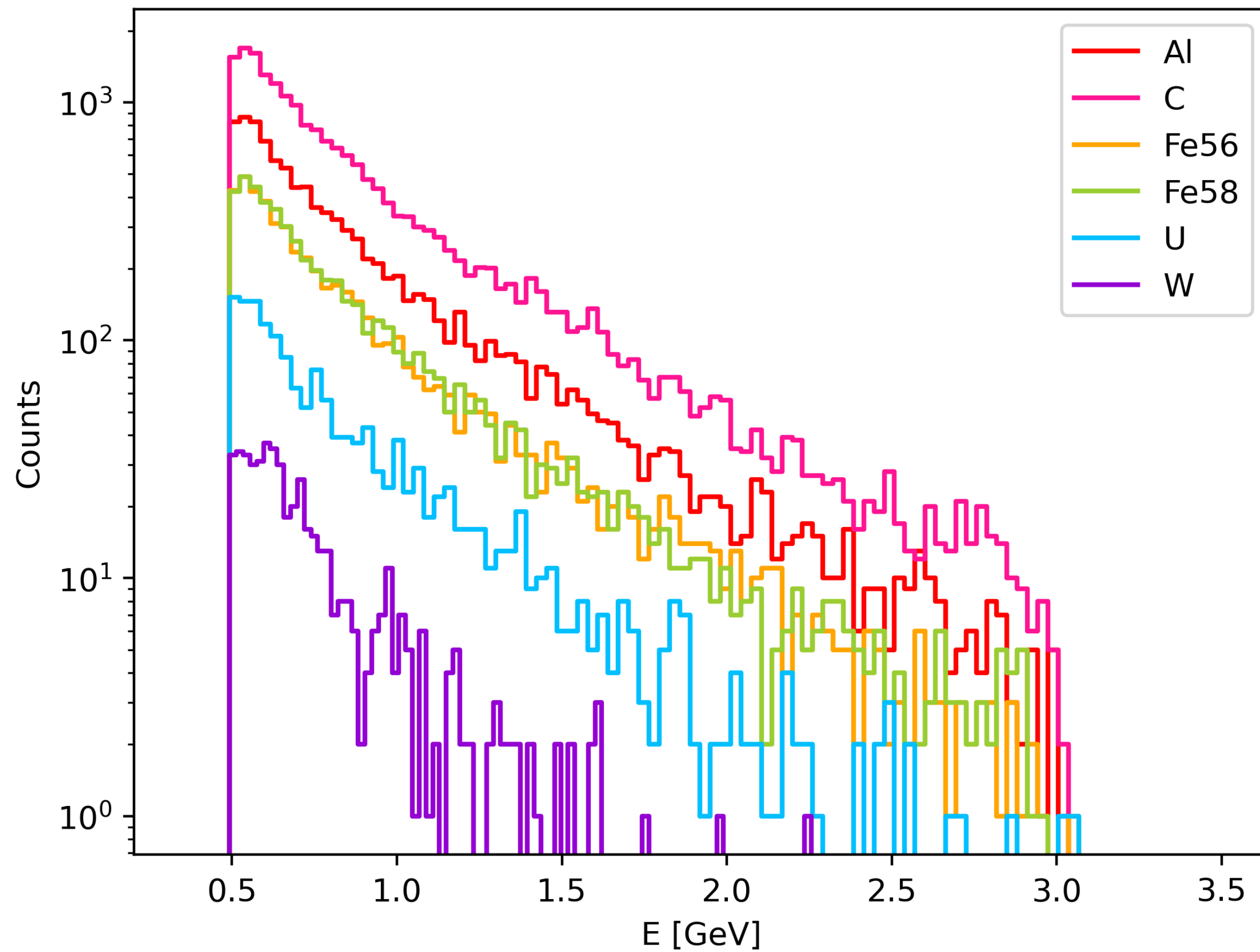


$E > 500 \text{ MeV}$

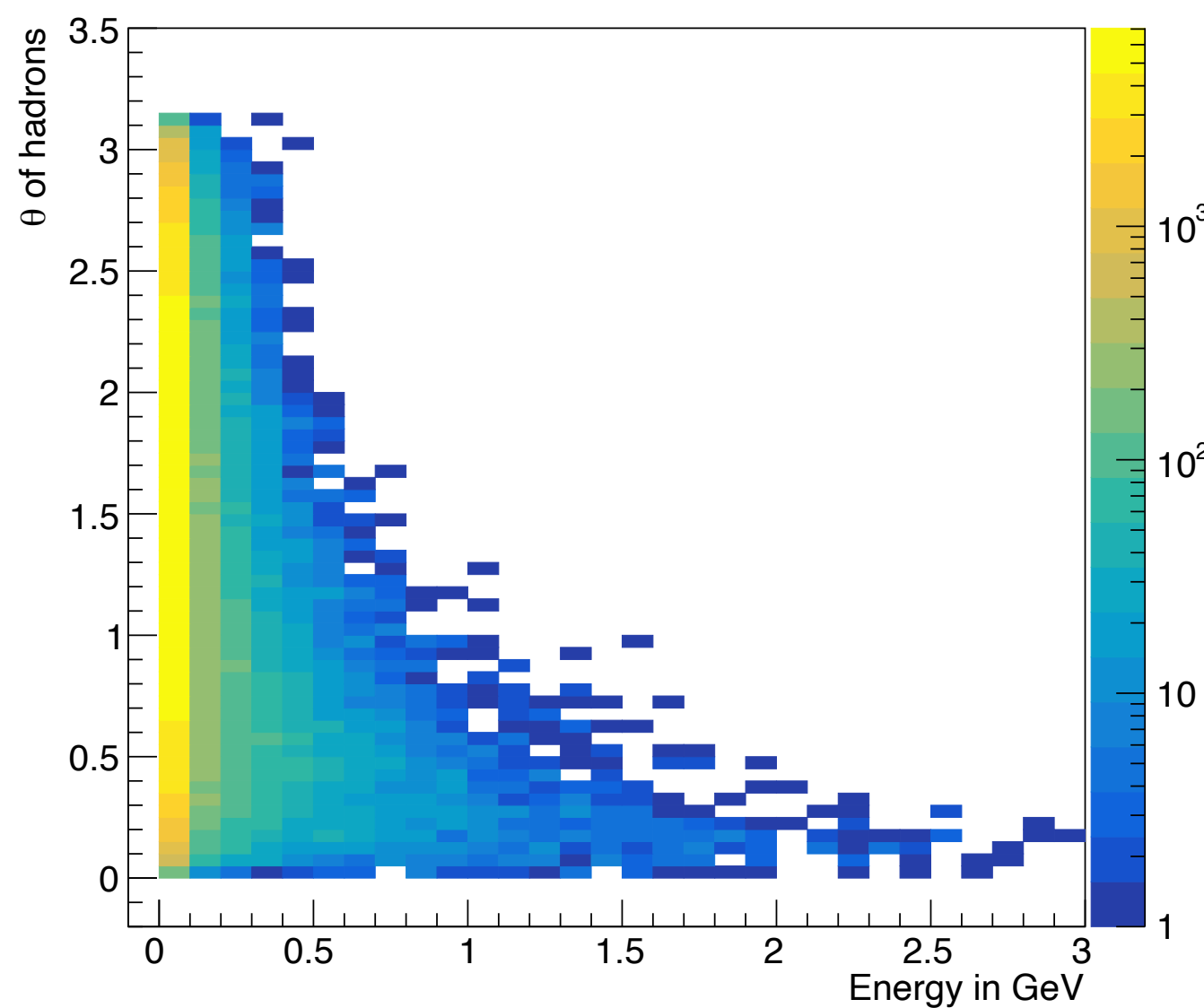
FLUKA secondary hadrons

Simulated $2.5E9$ e.o.t.

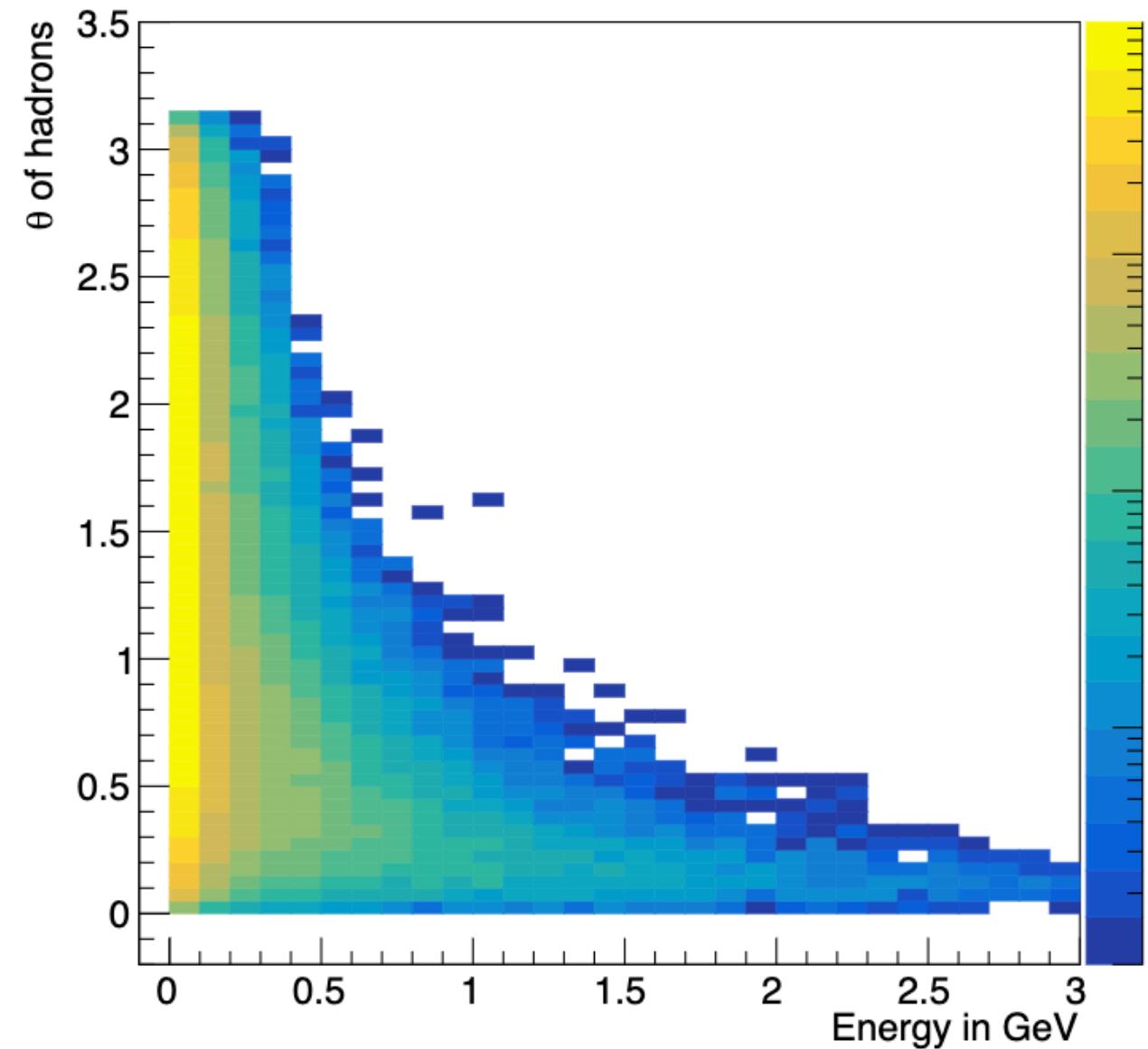
No event selection



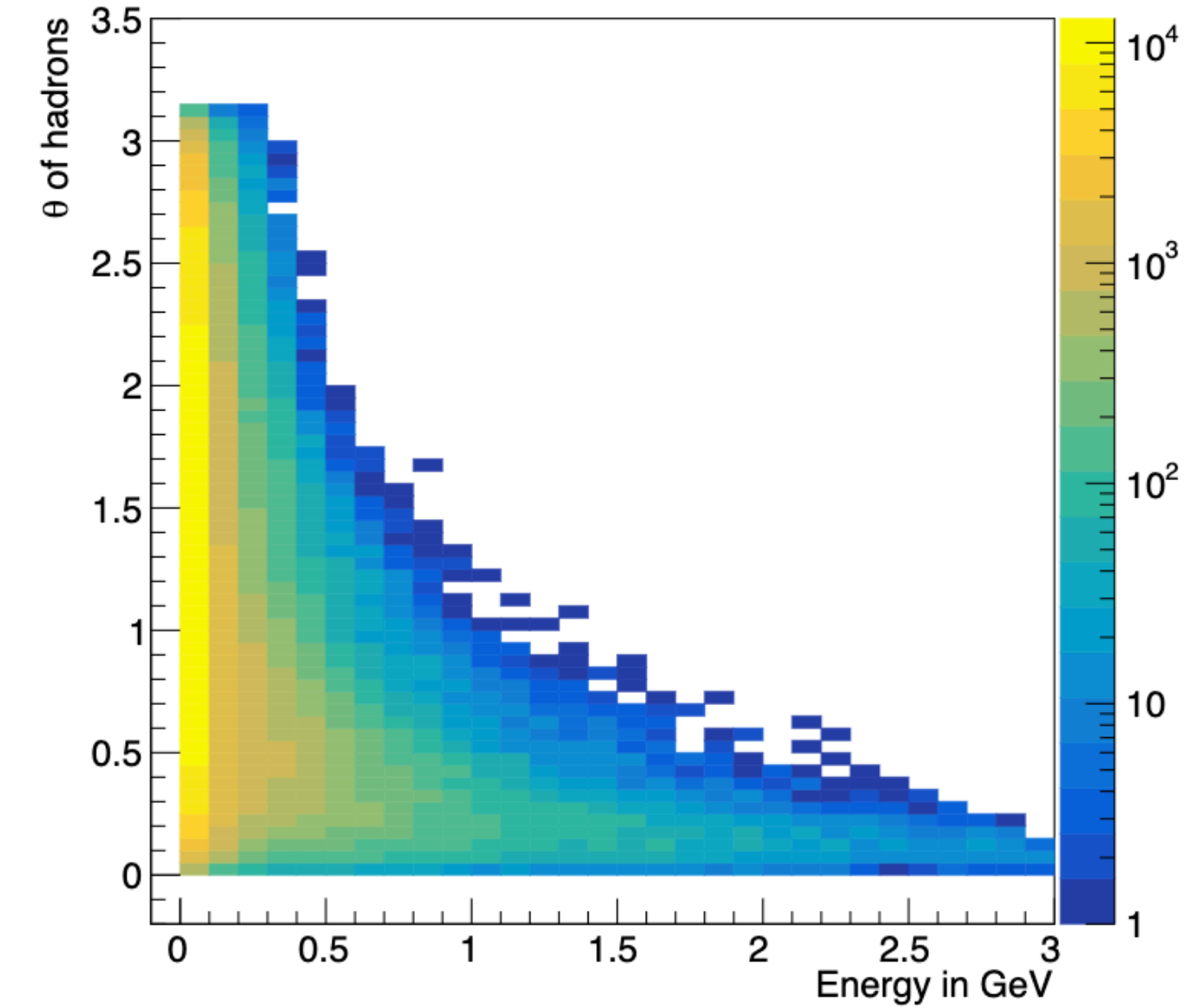
Tungsten



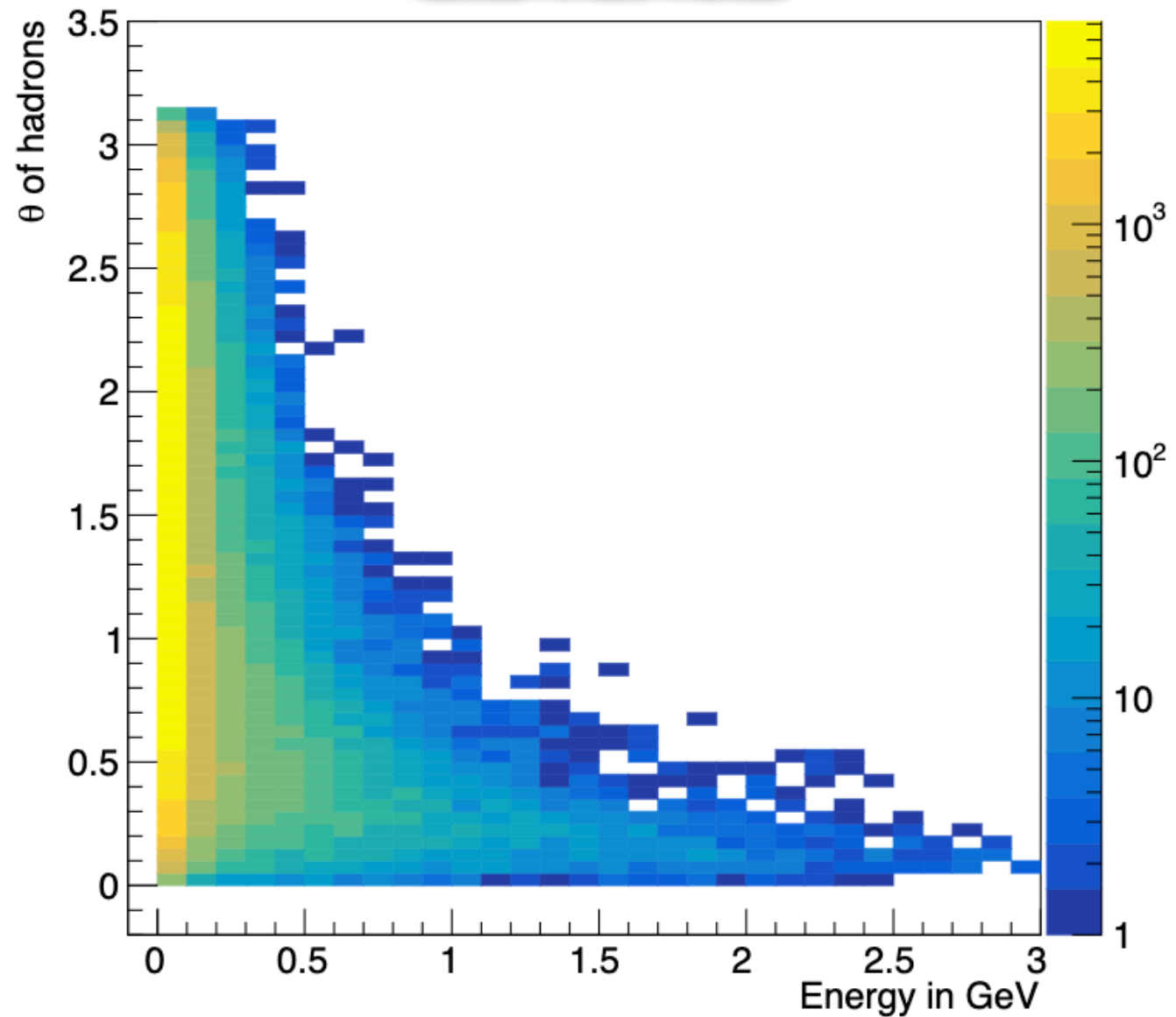
Aluminum



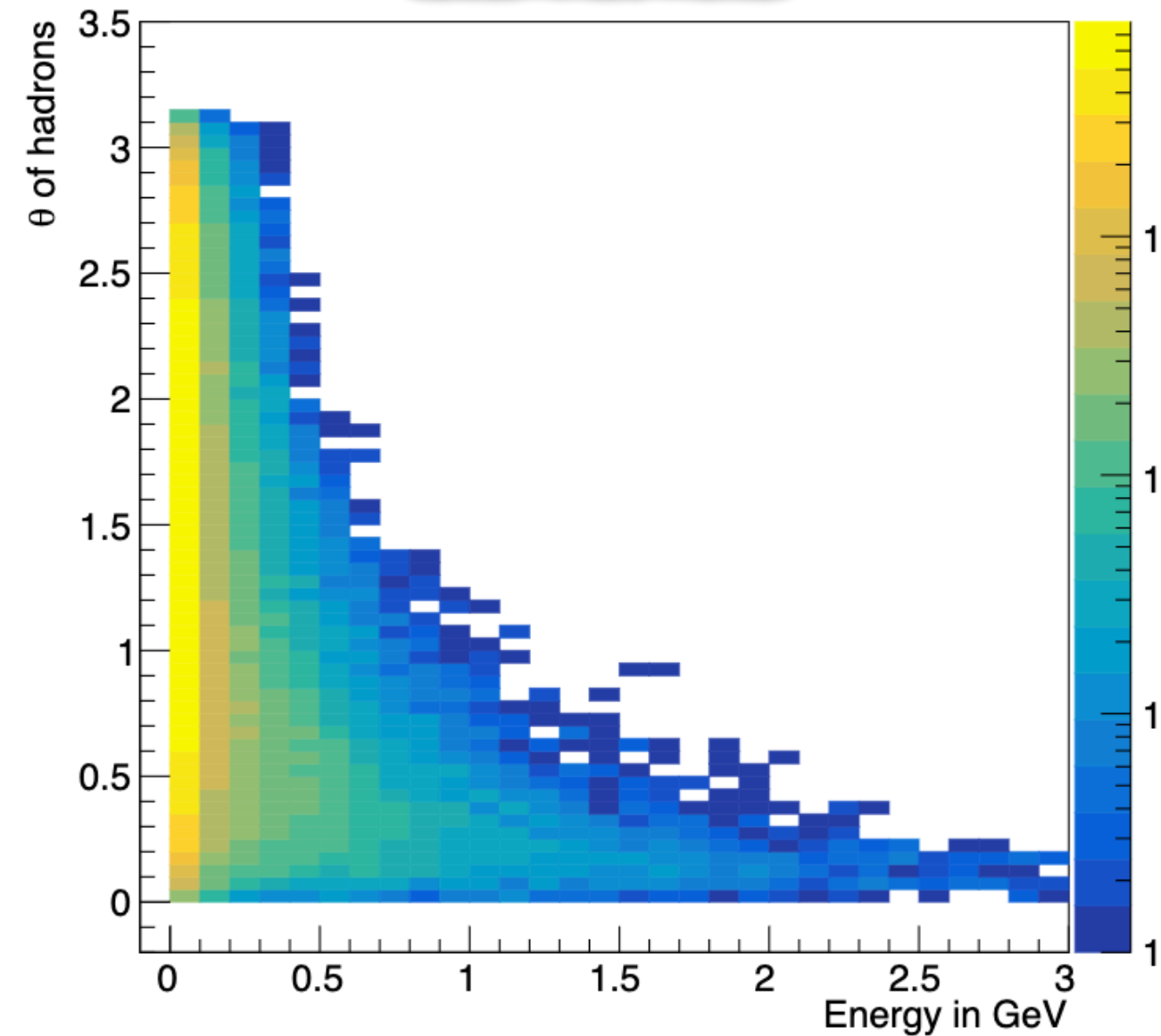
Carbon



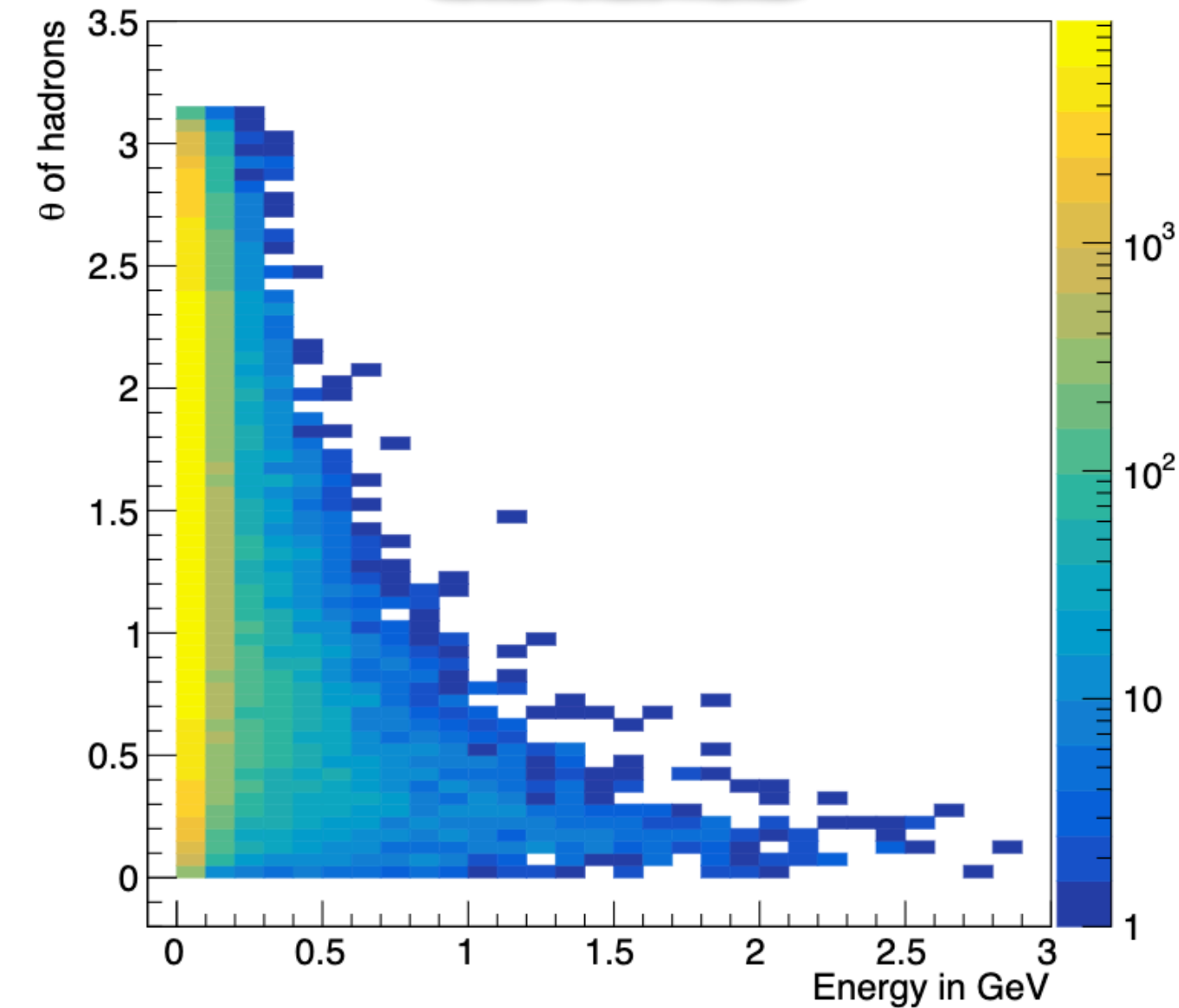
Fe56



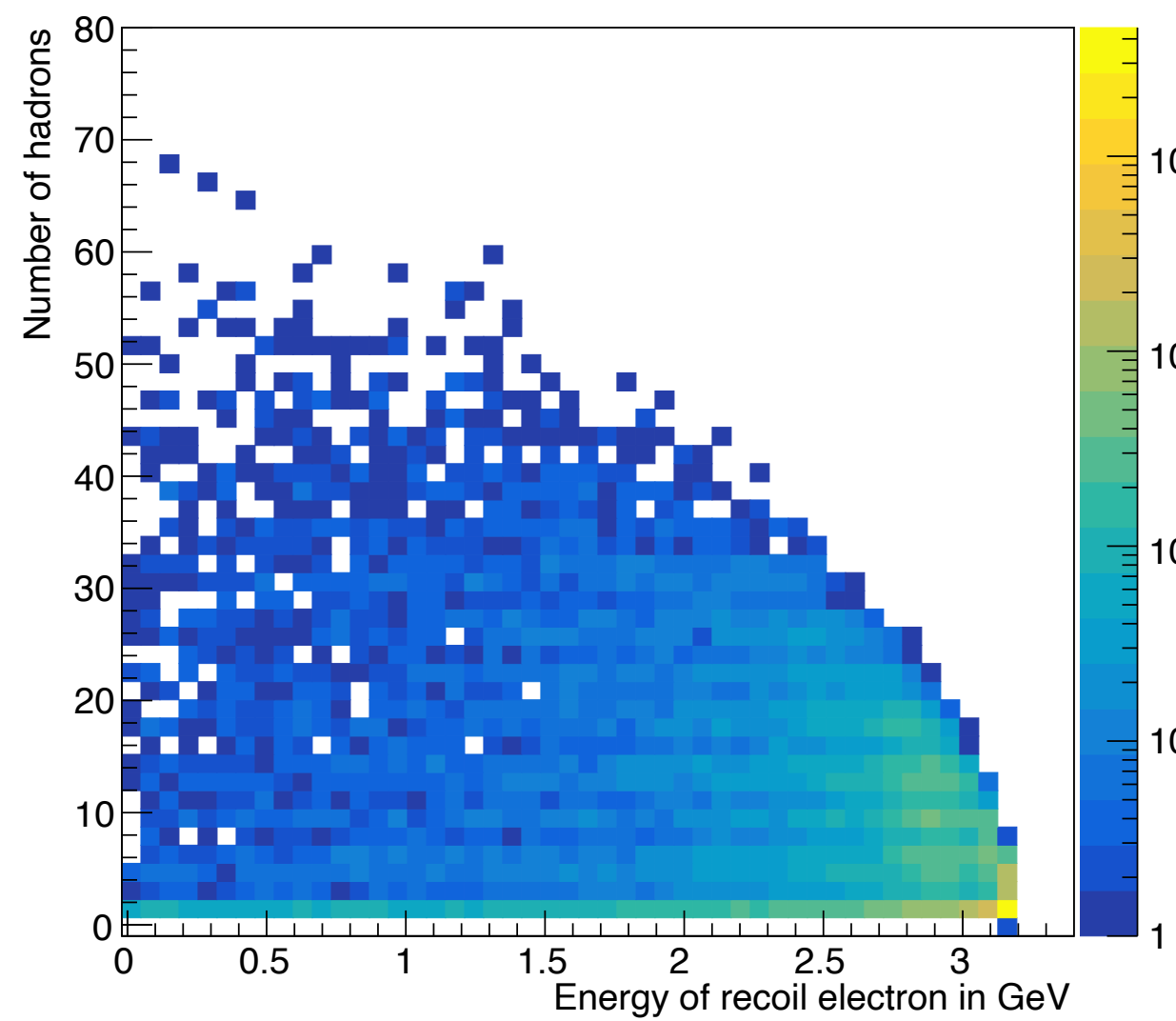
Fe58



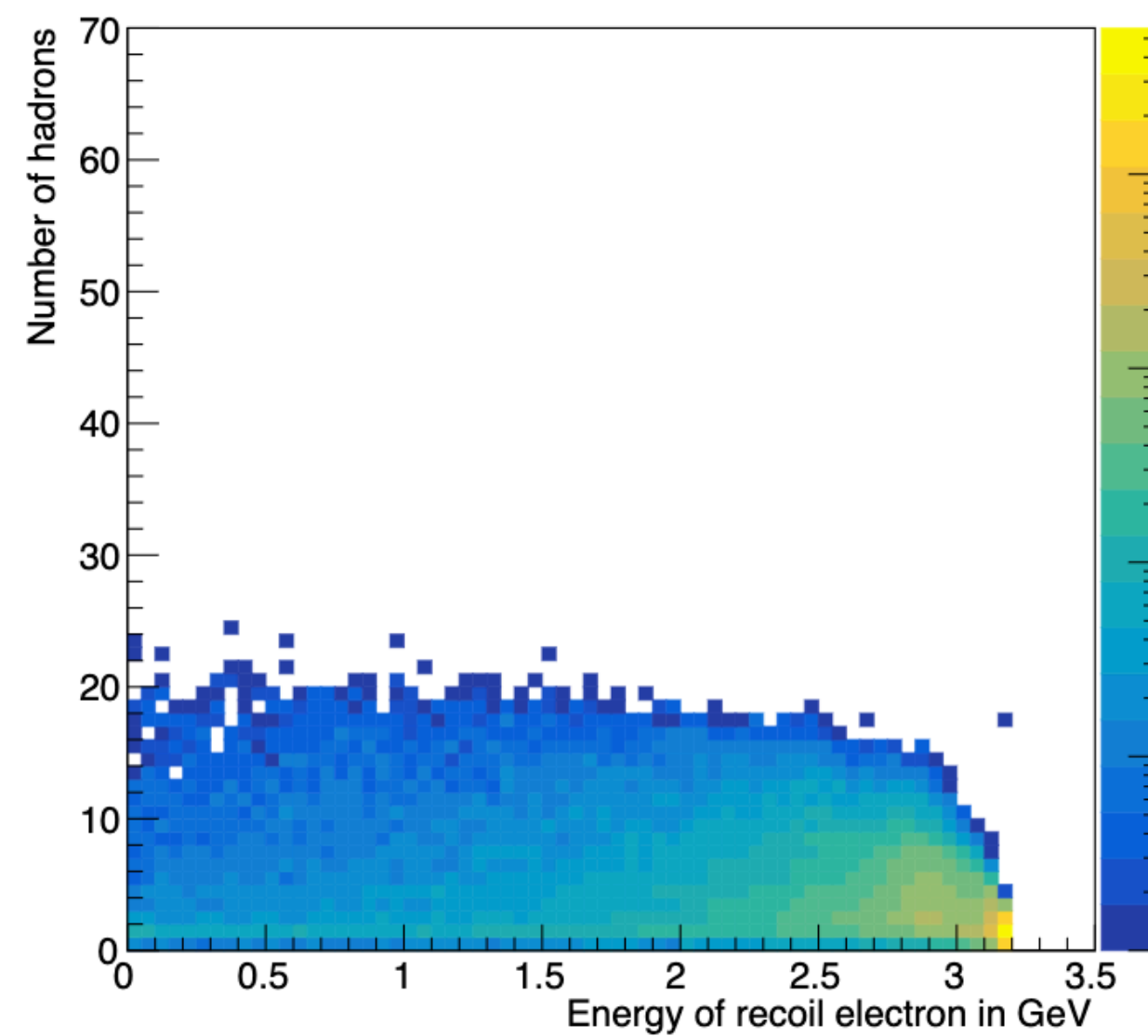
U



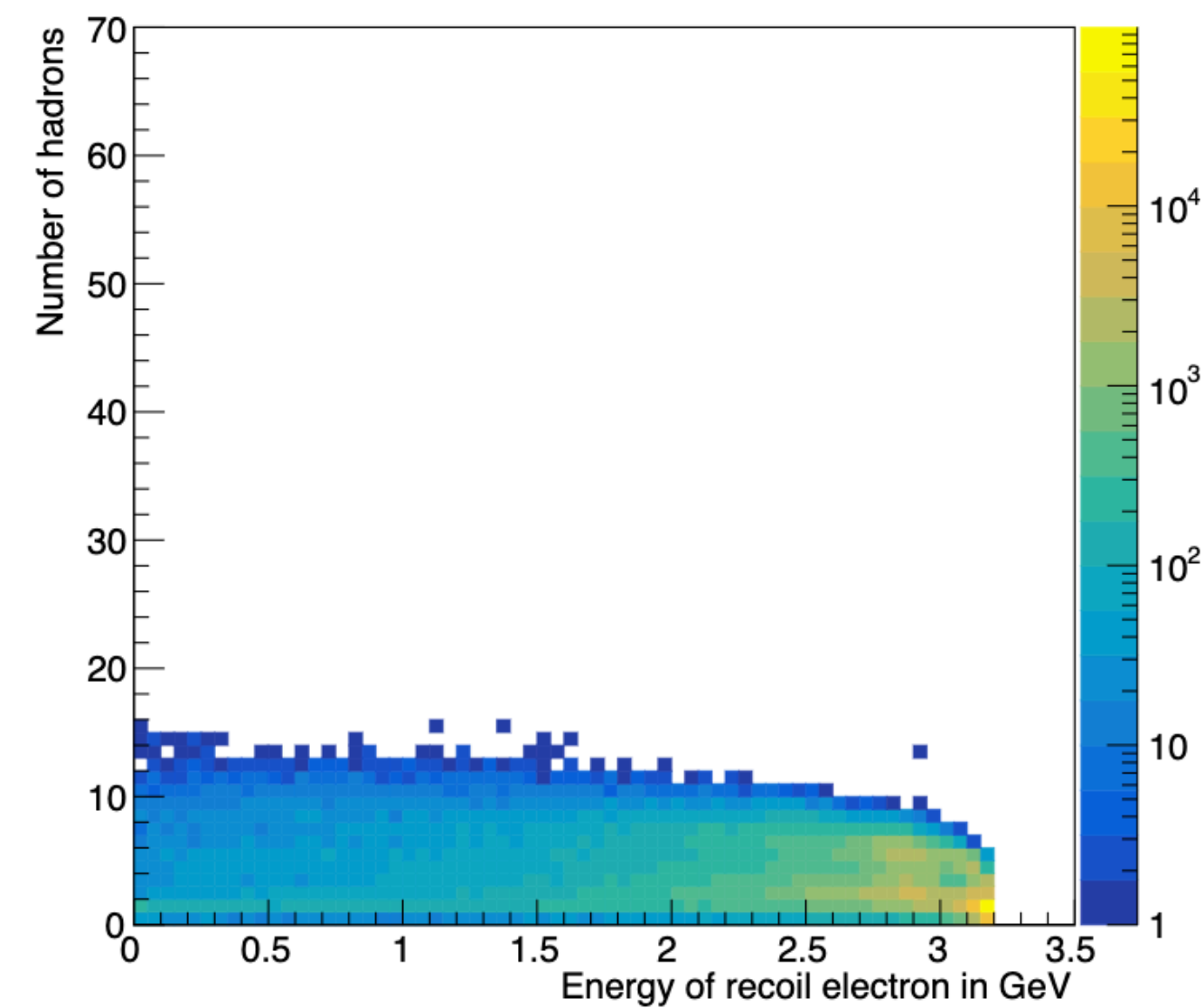
Tungsten



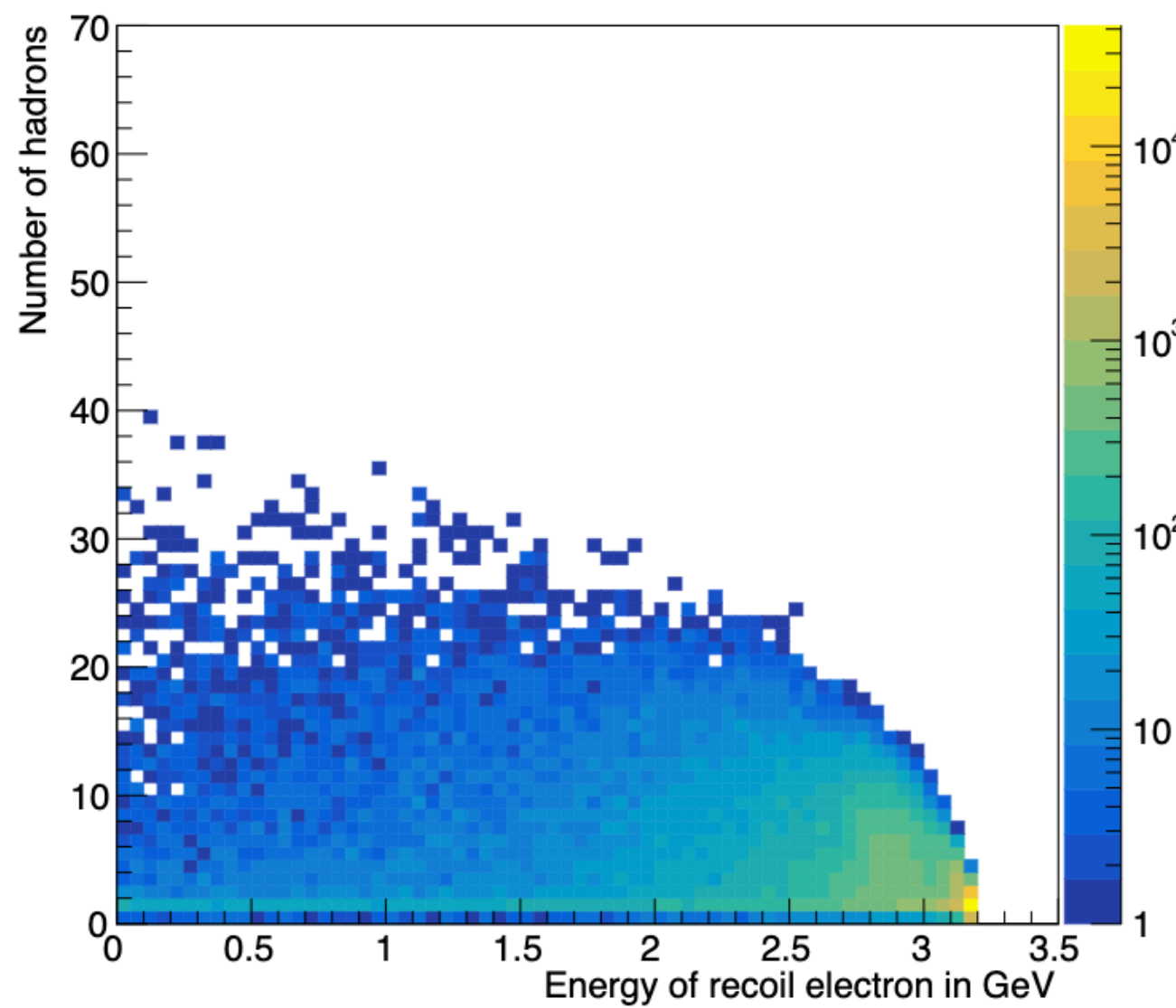
Aluminum



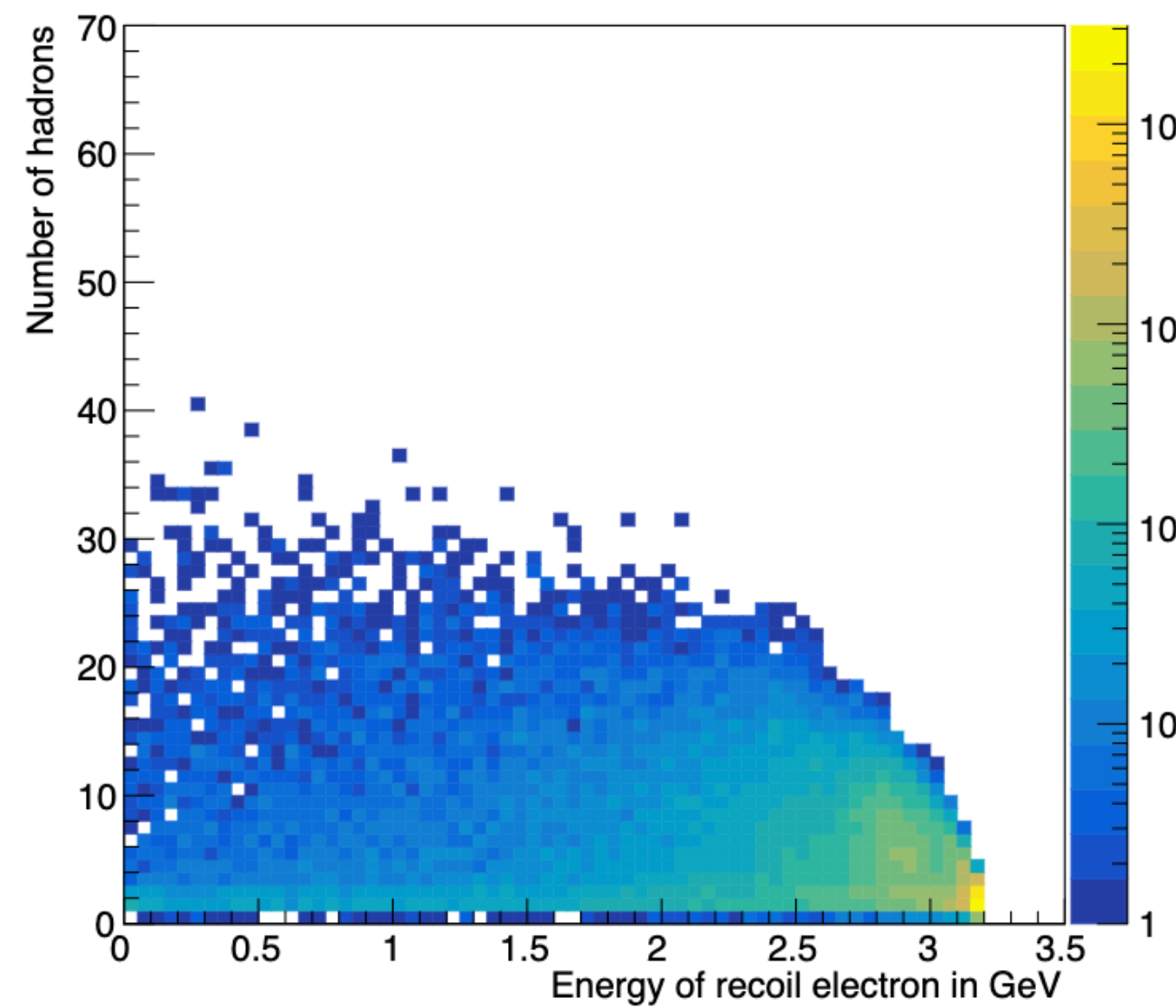
Carbon



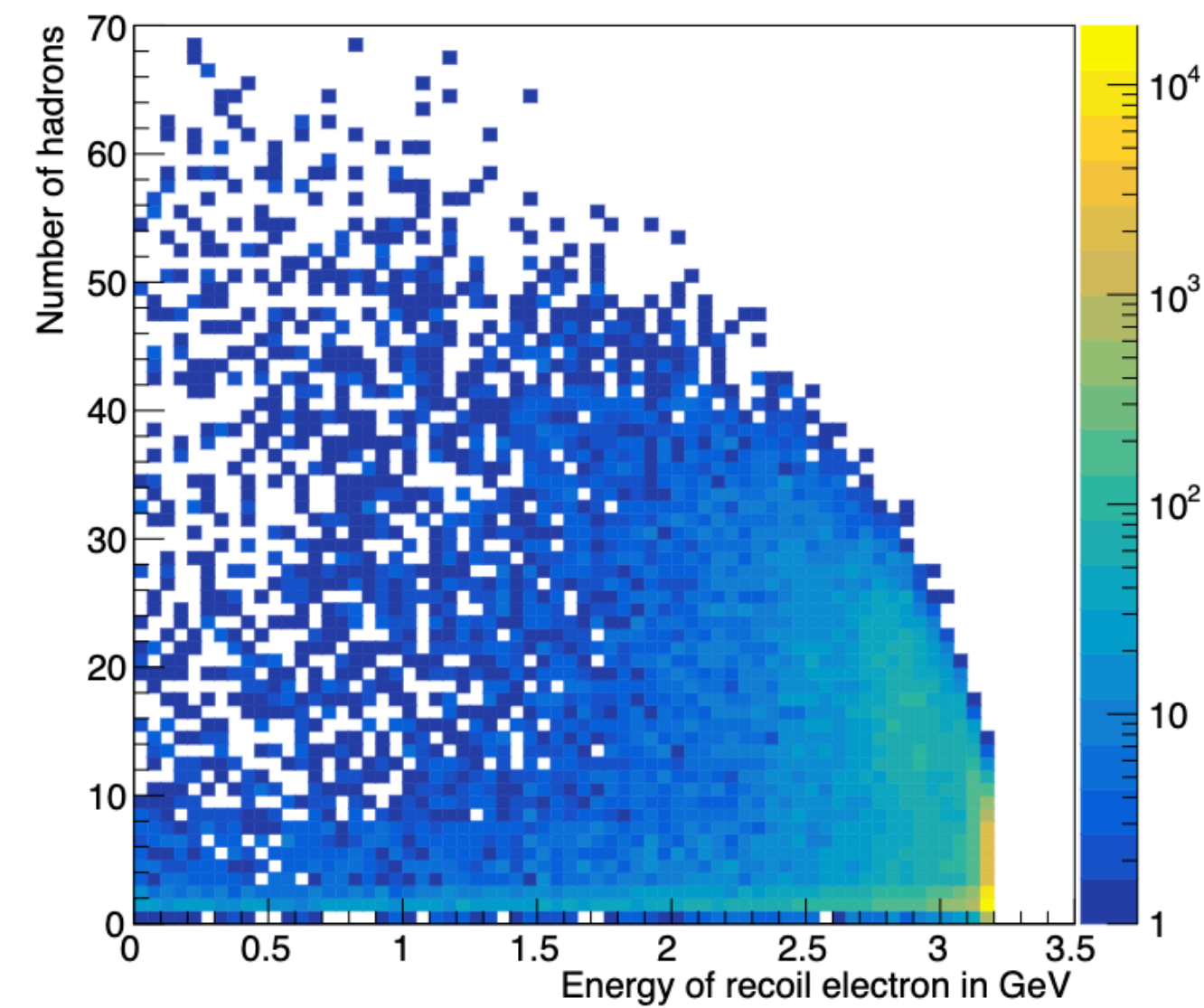
Fe56



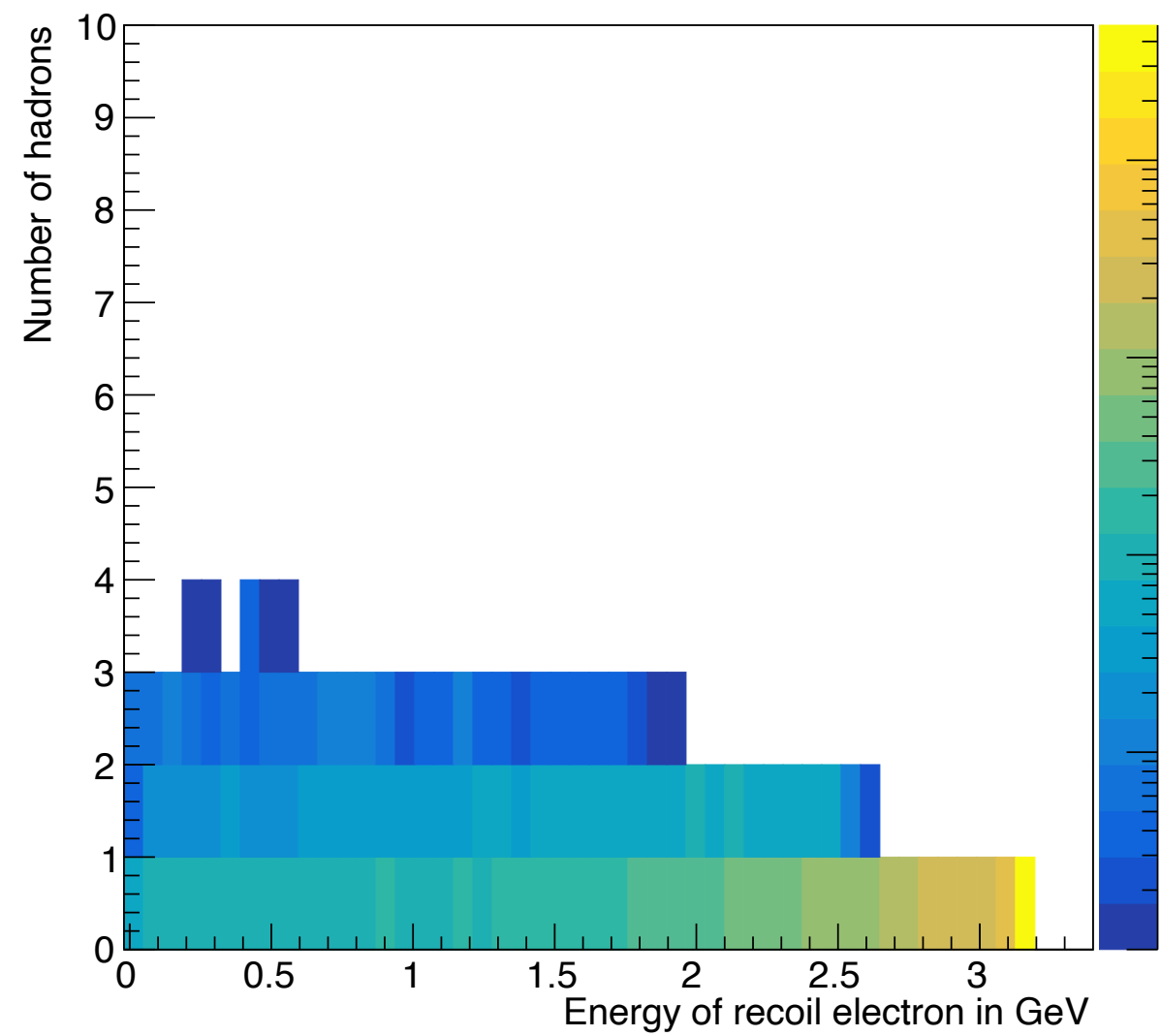
Fe58



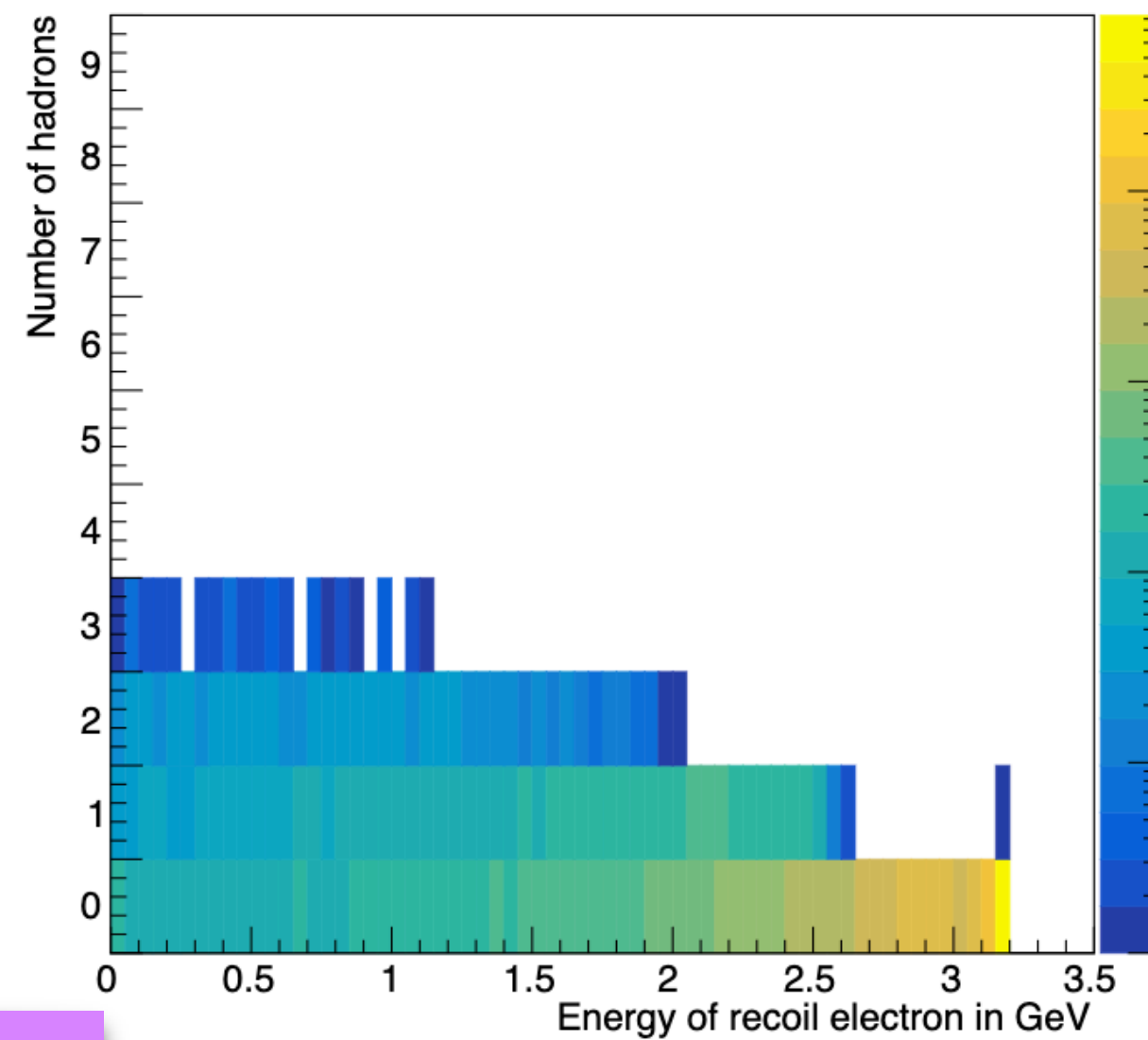
U



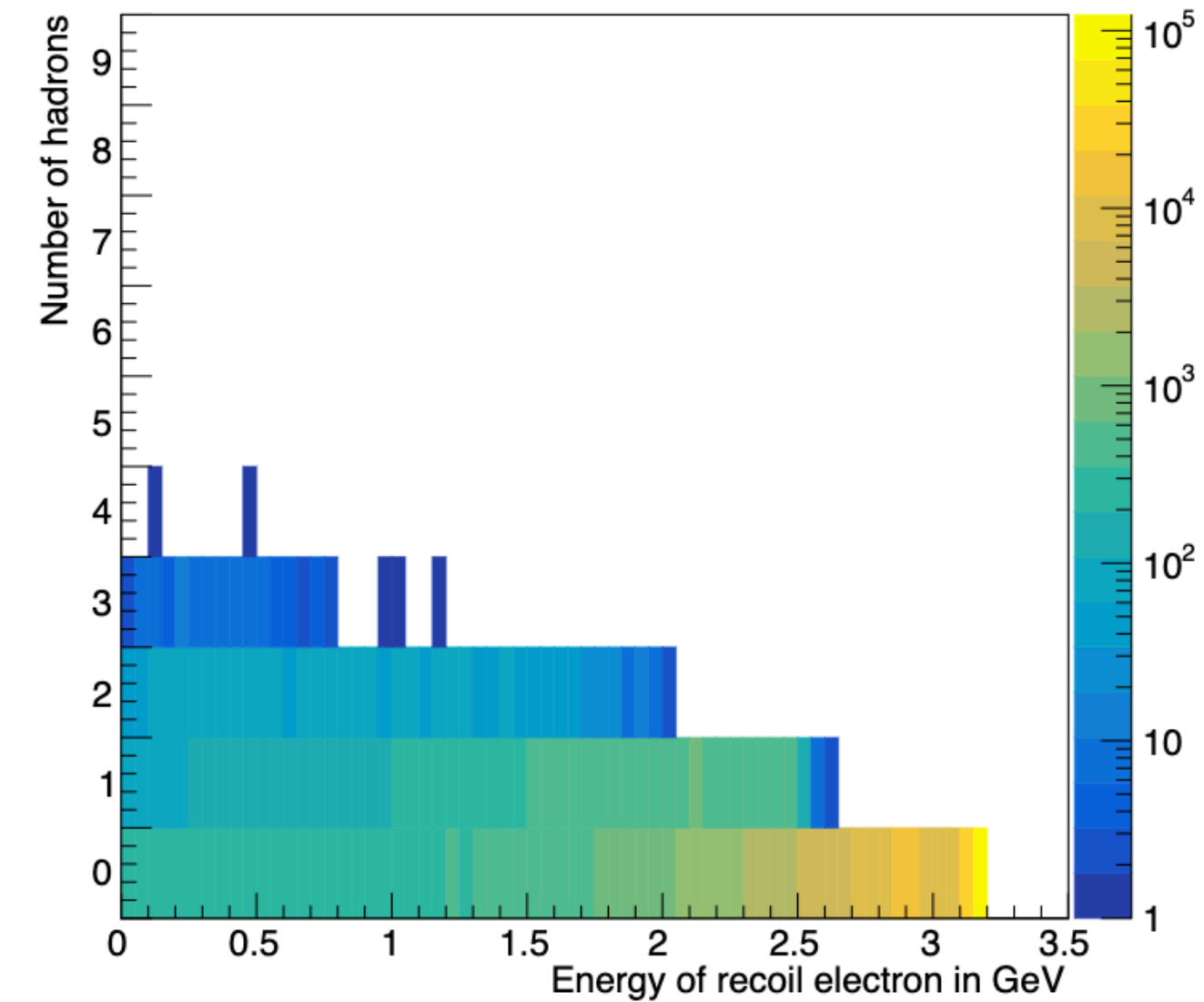
Tungsten



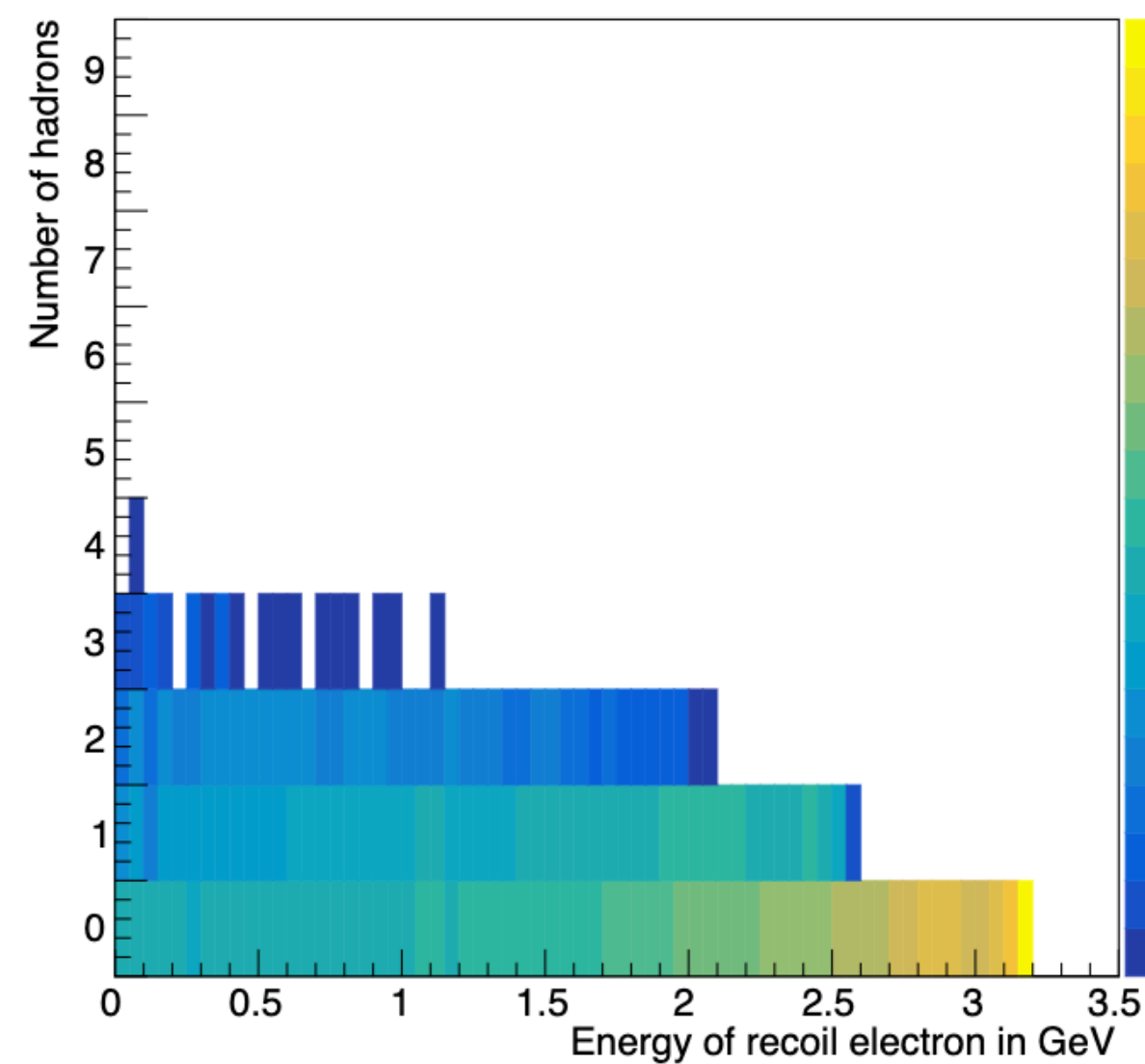
Aluminum



Carbon

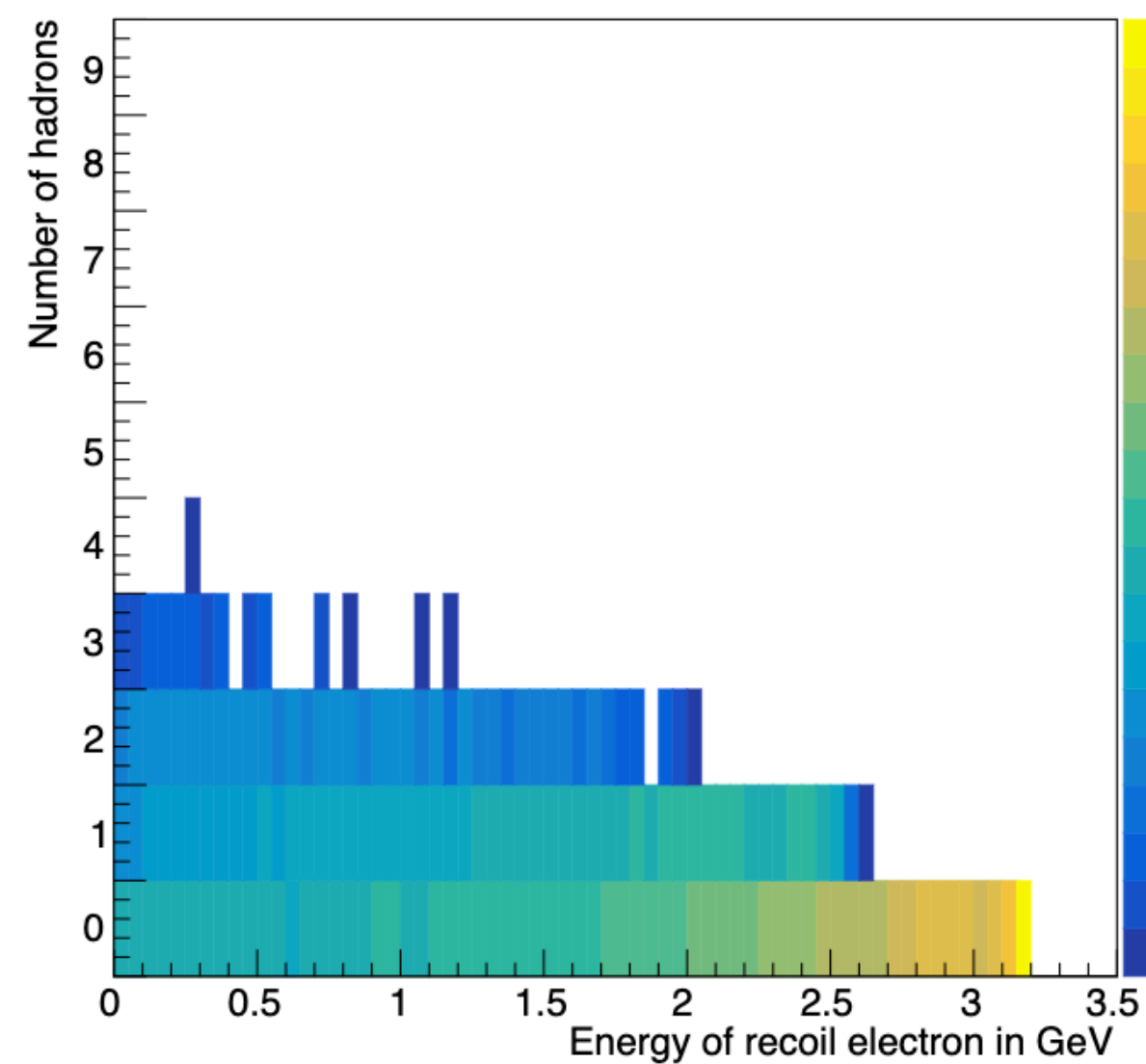


Fe56

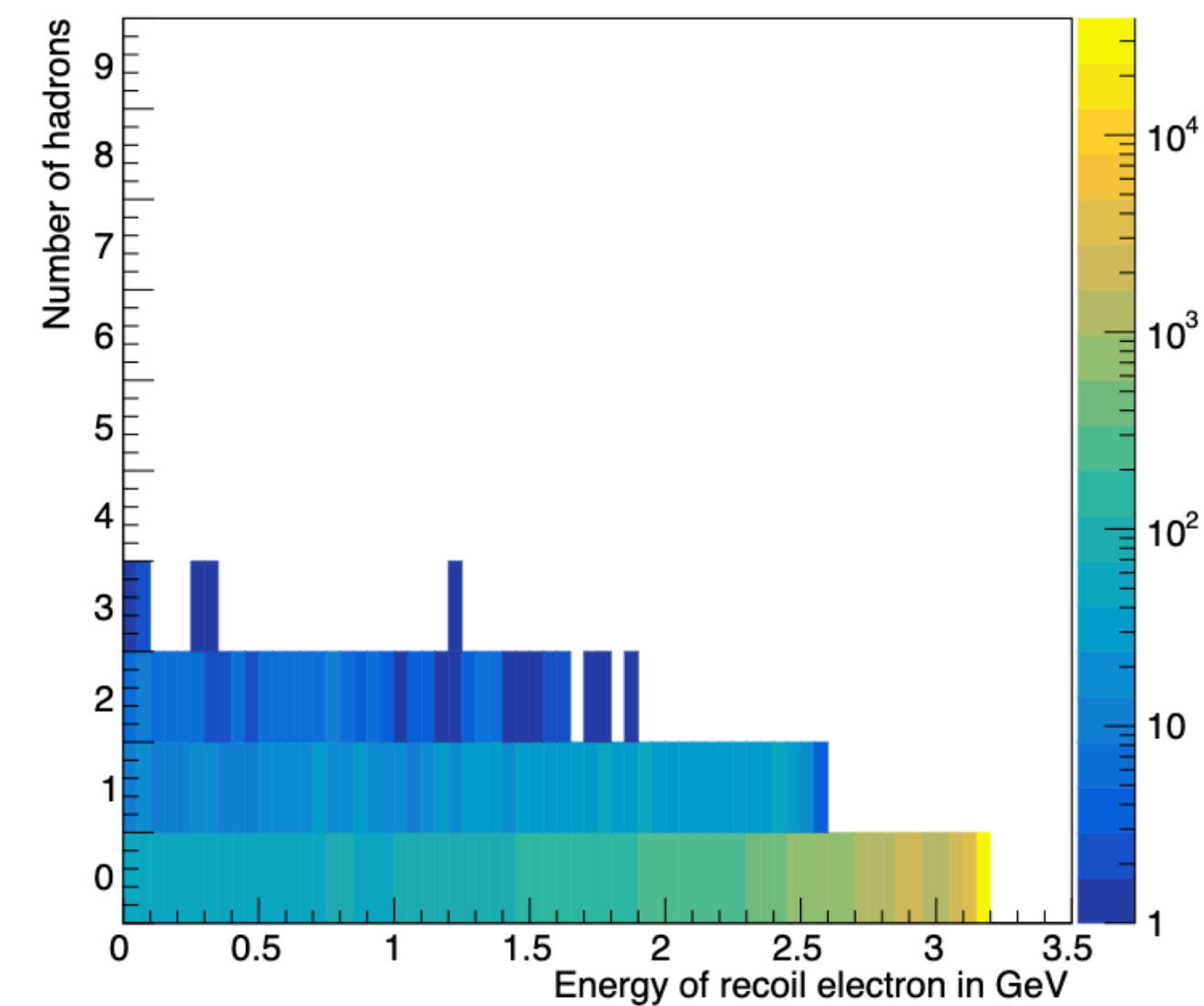


$E > 500 \text{ MeV}$

Fe58



U



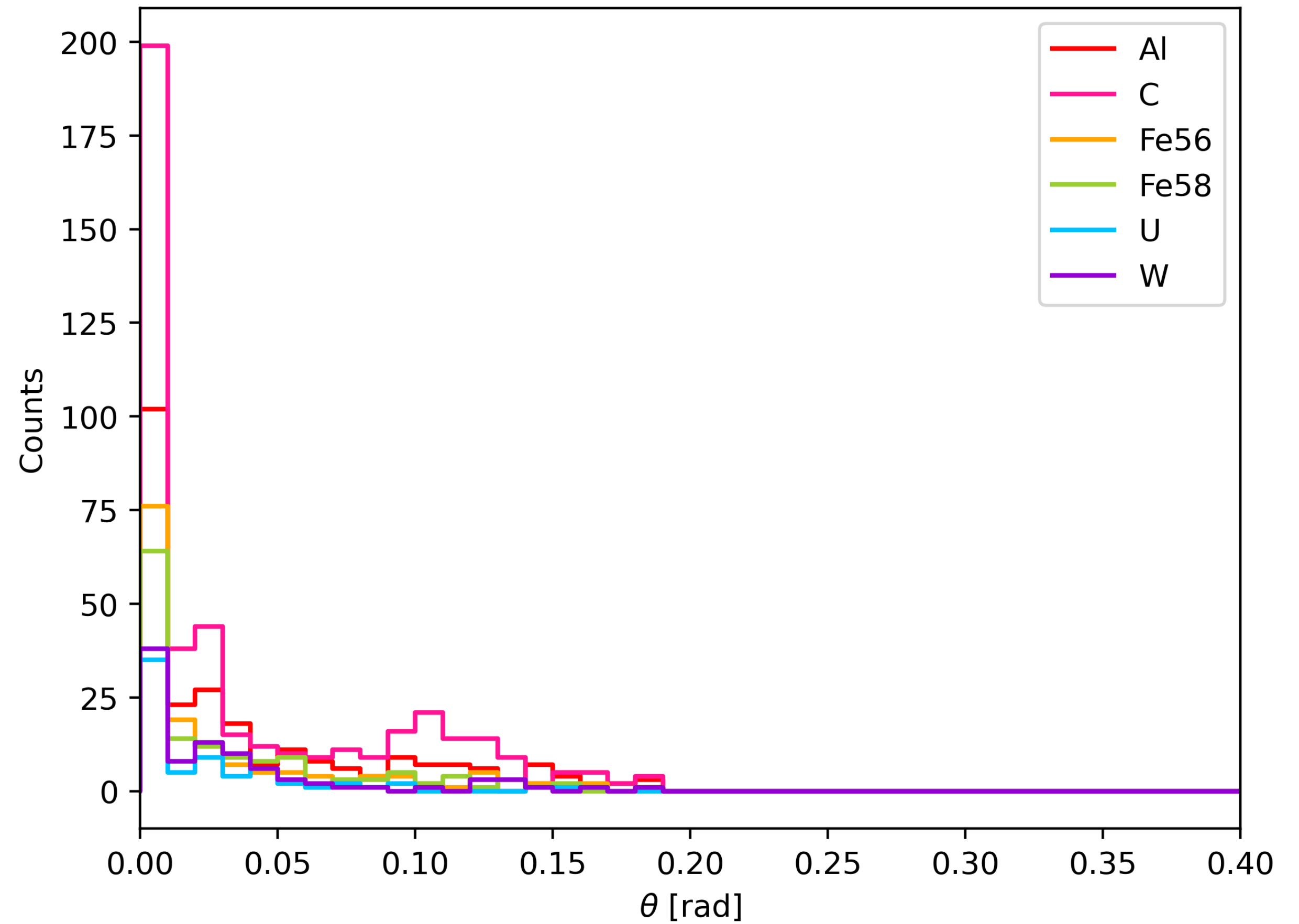
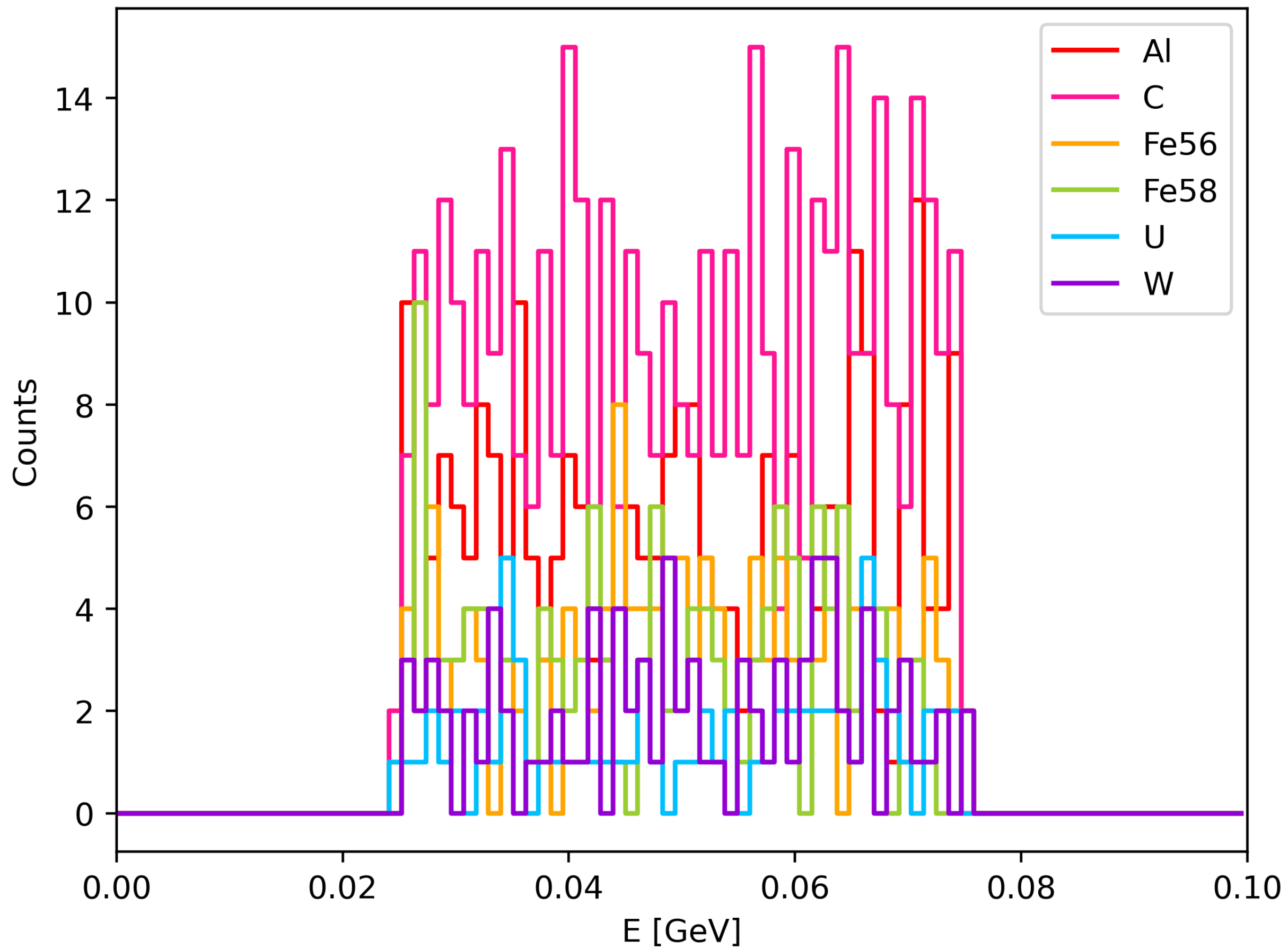
FLUKA event selection

Simulated 2.5E9 e.o.t.

Material	25 MeV < E < 75 MeV	25 MeV < E < 75 MeV & theta < 0.2
C	441	439
Al	256	252
Fe56	153	152
Fe58	142	142
U	71	70
W	92	92

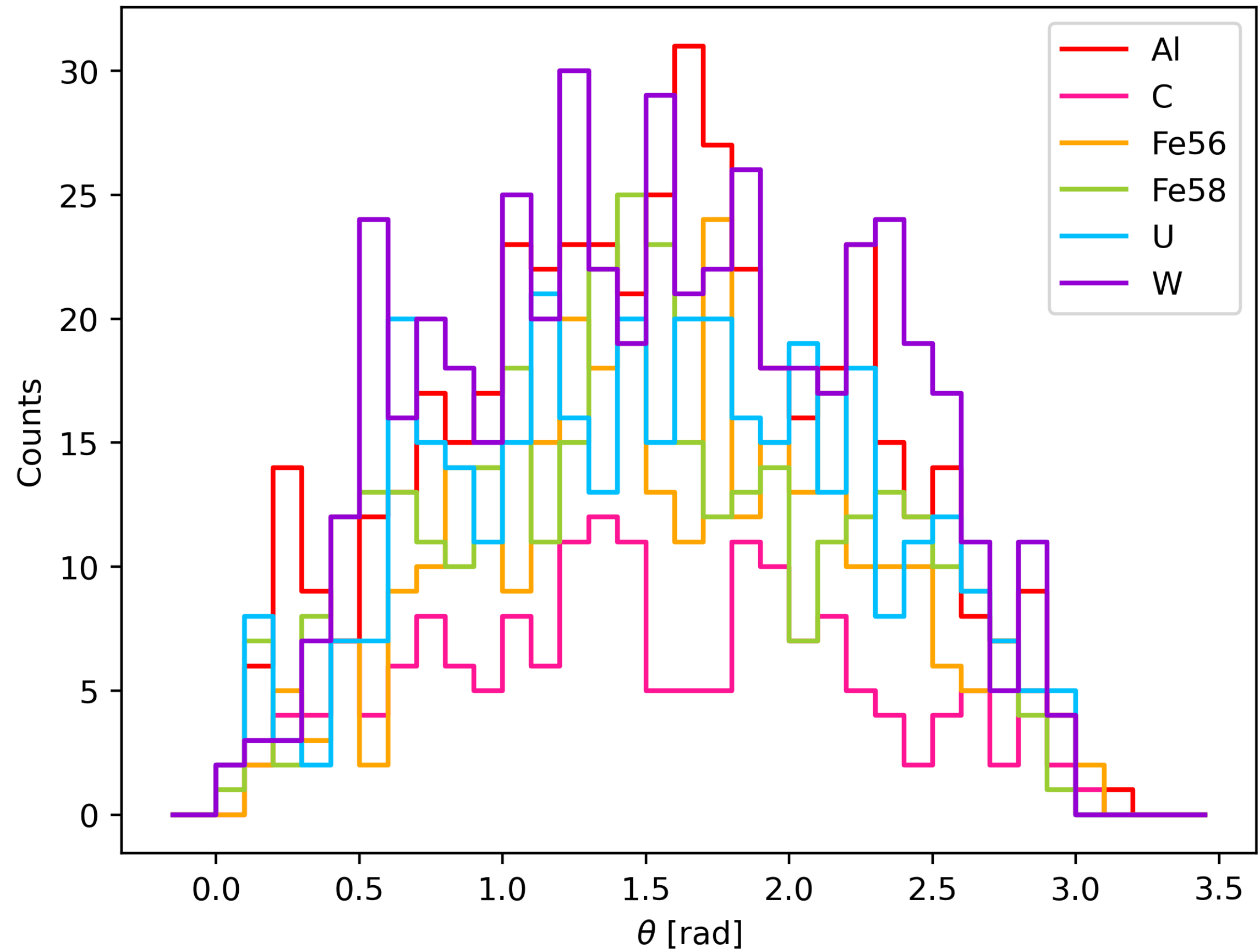
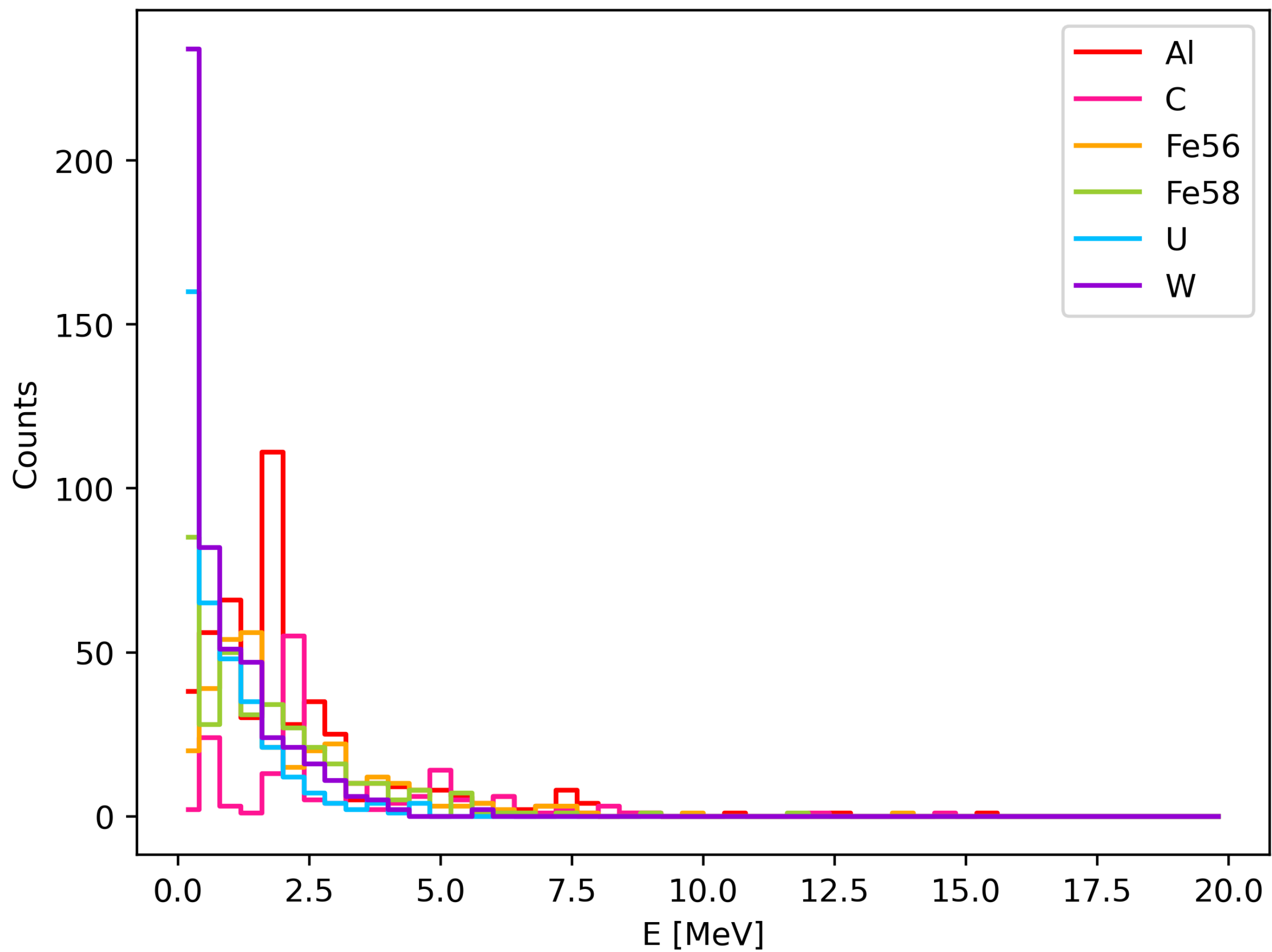
FLUKA recoiling electron

Simulated 2.5E9 e.o.t.
Electron event selection



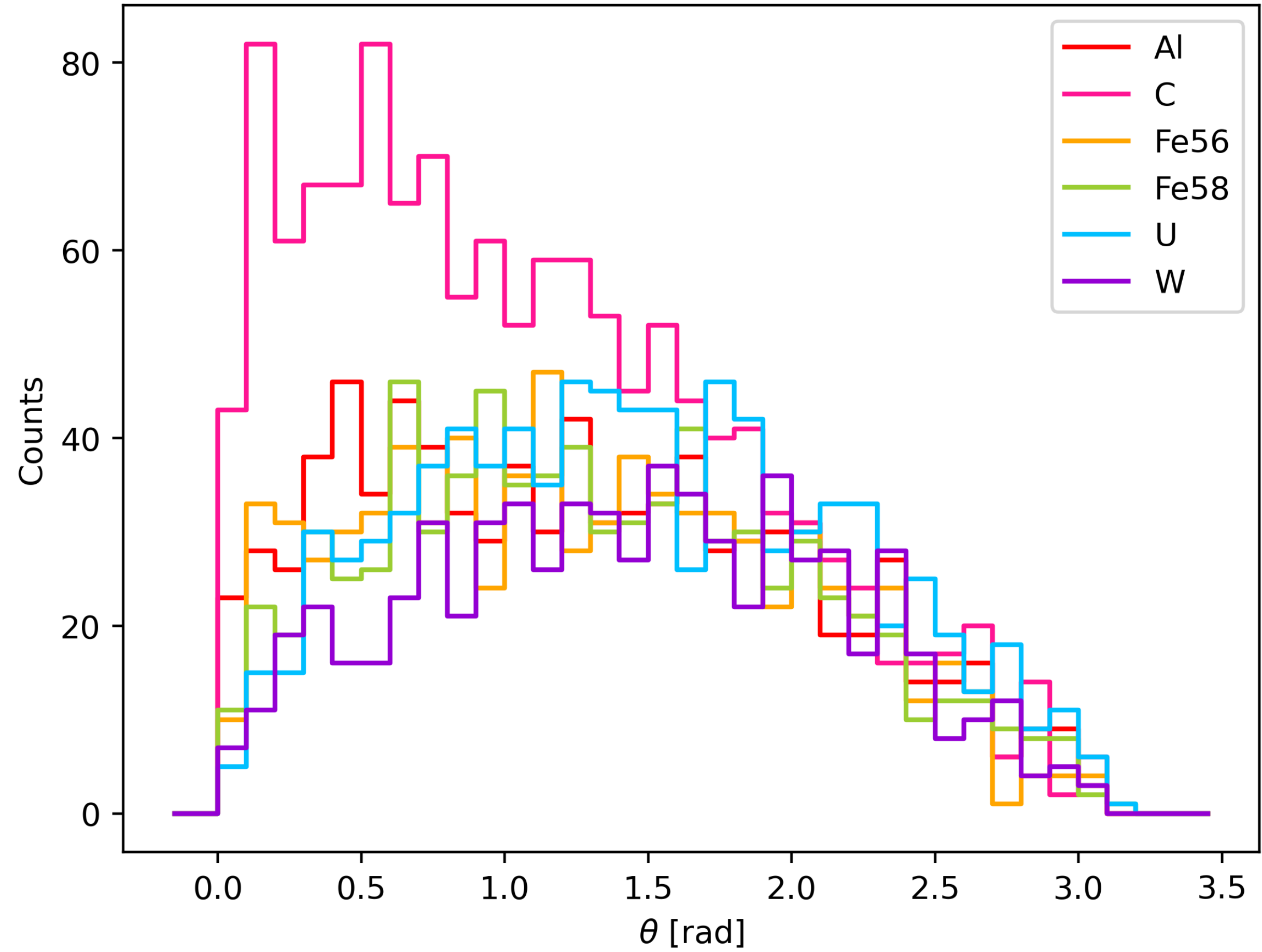
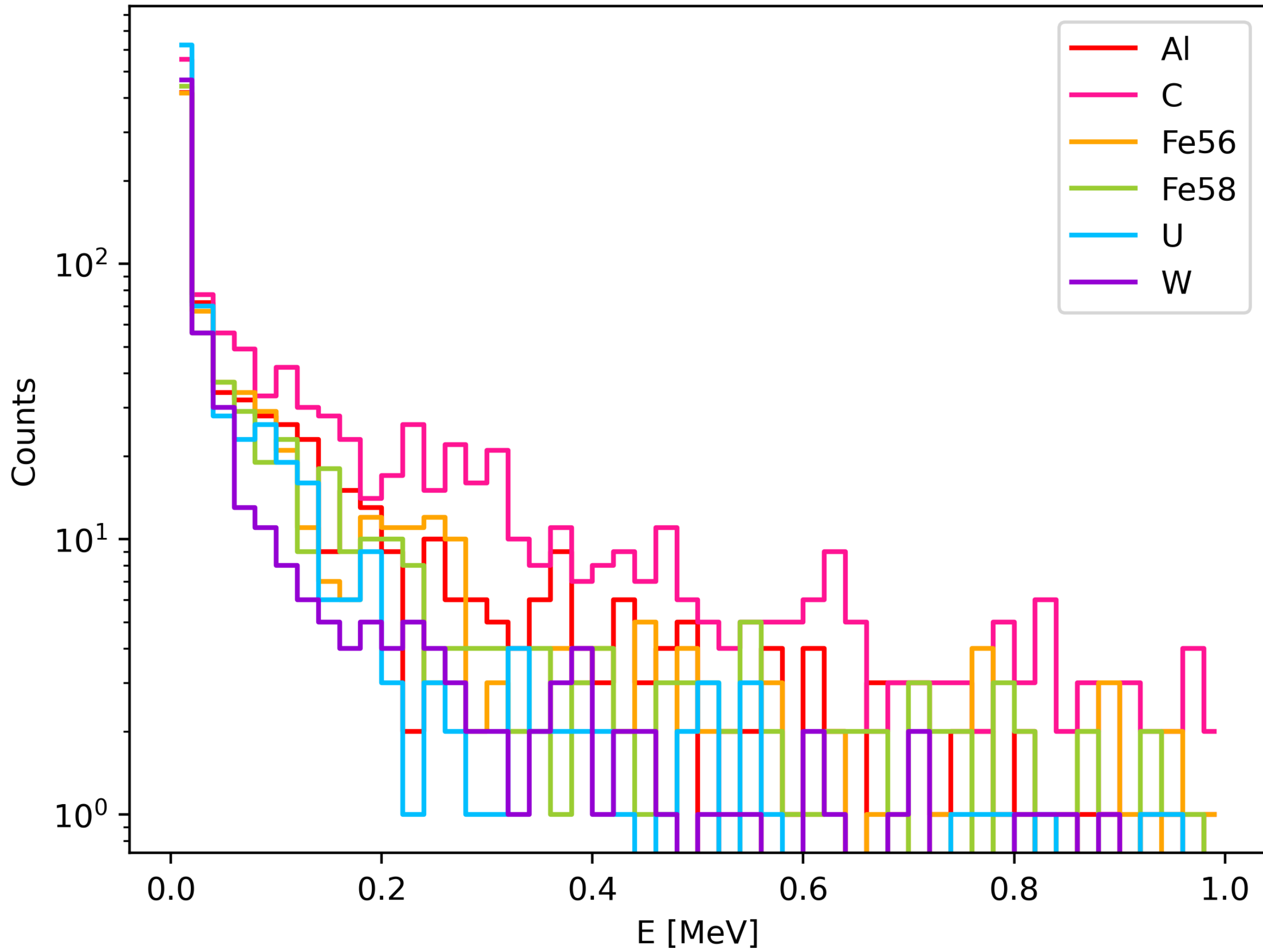
FLUKA secondary photons

Simulated 2.5E9 e.o.t.
Electron event selection



FLUKA secondary hadrons

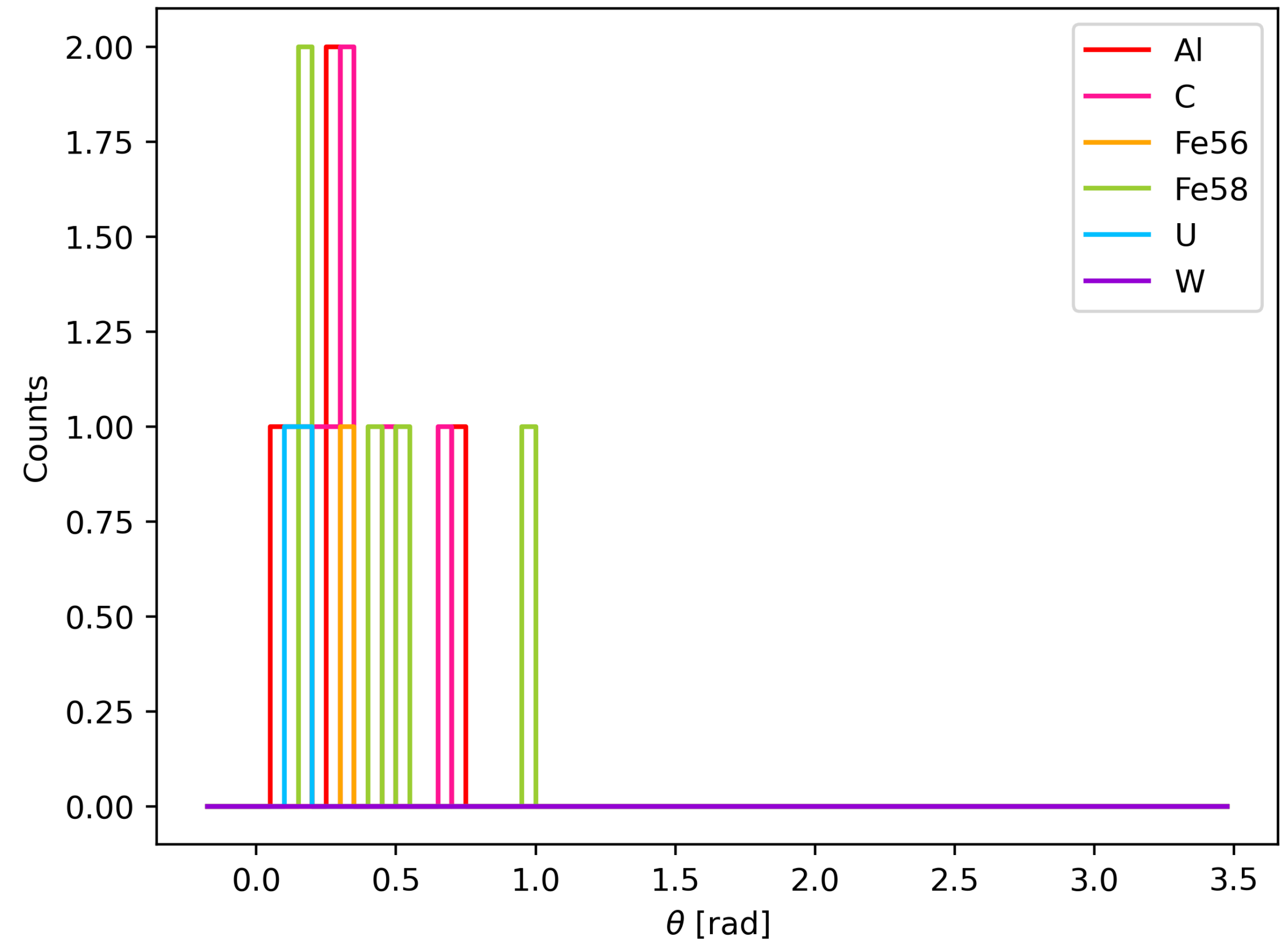
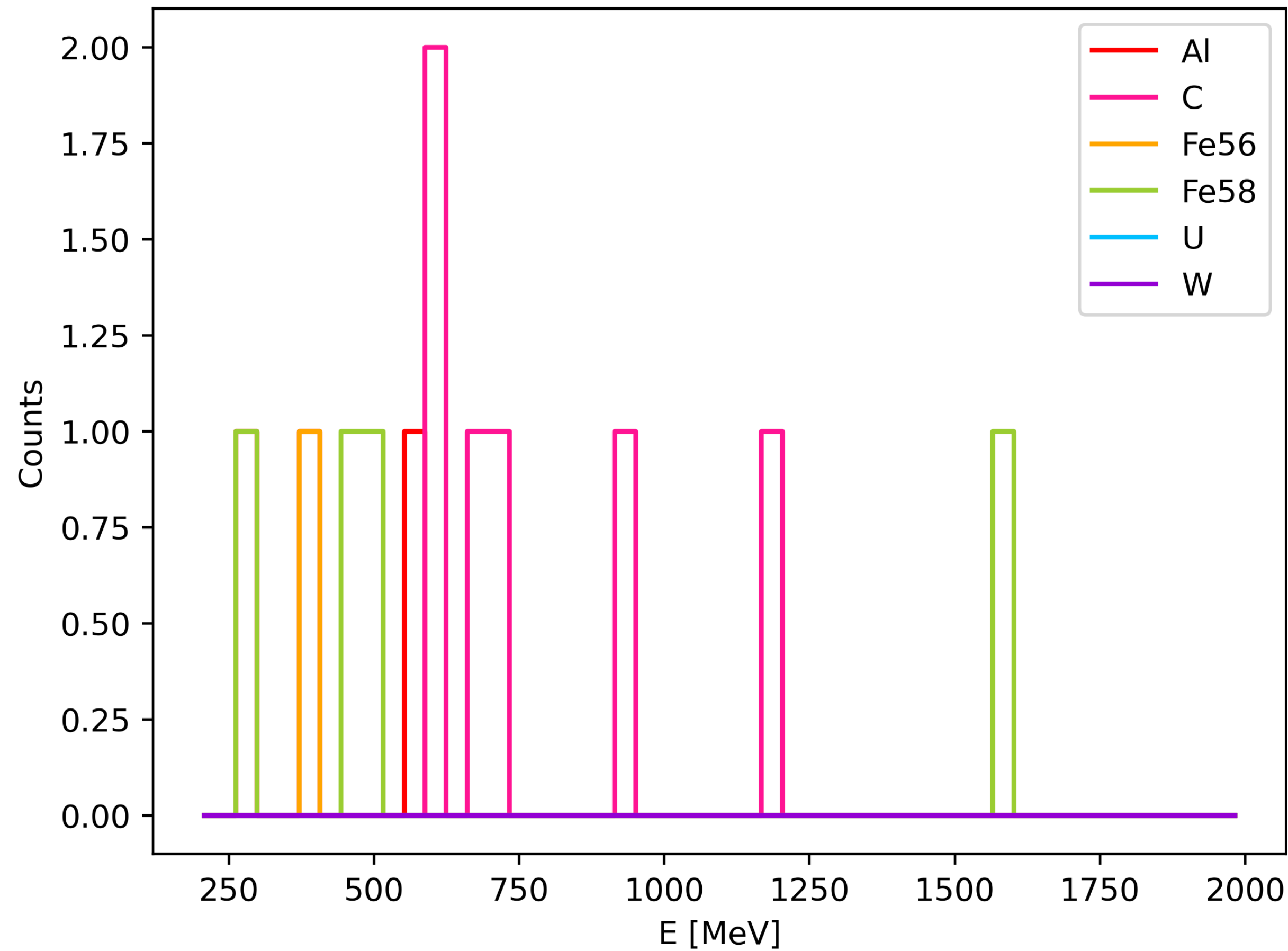
Simulated 2.5E9 e.o.t.
Electron event selection



$E > 200$ MeV

FLUKA secondary photons

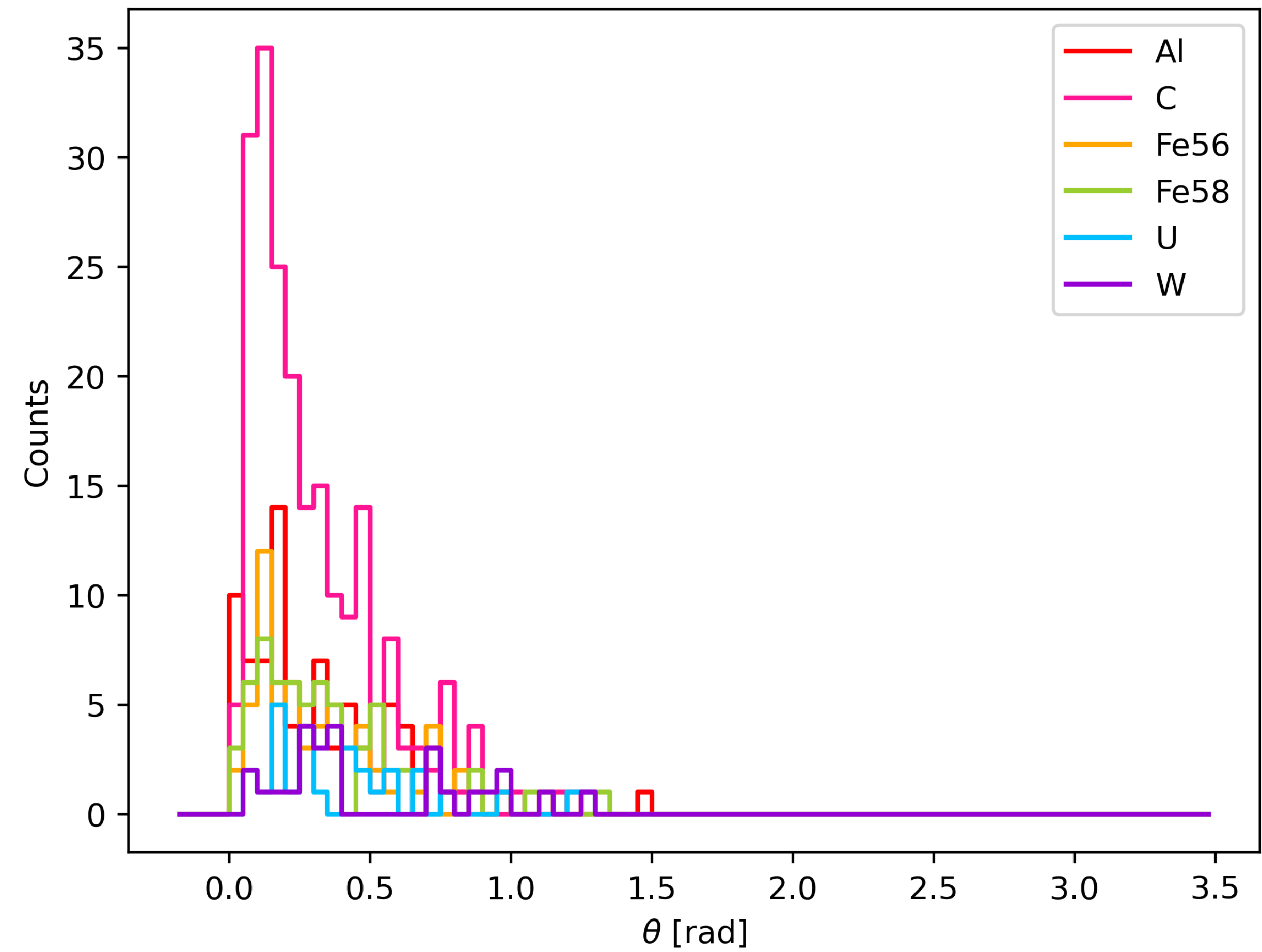
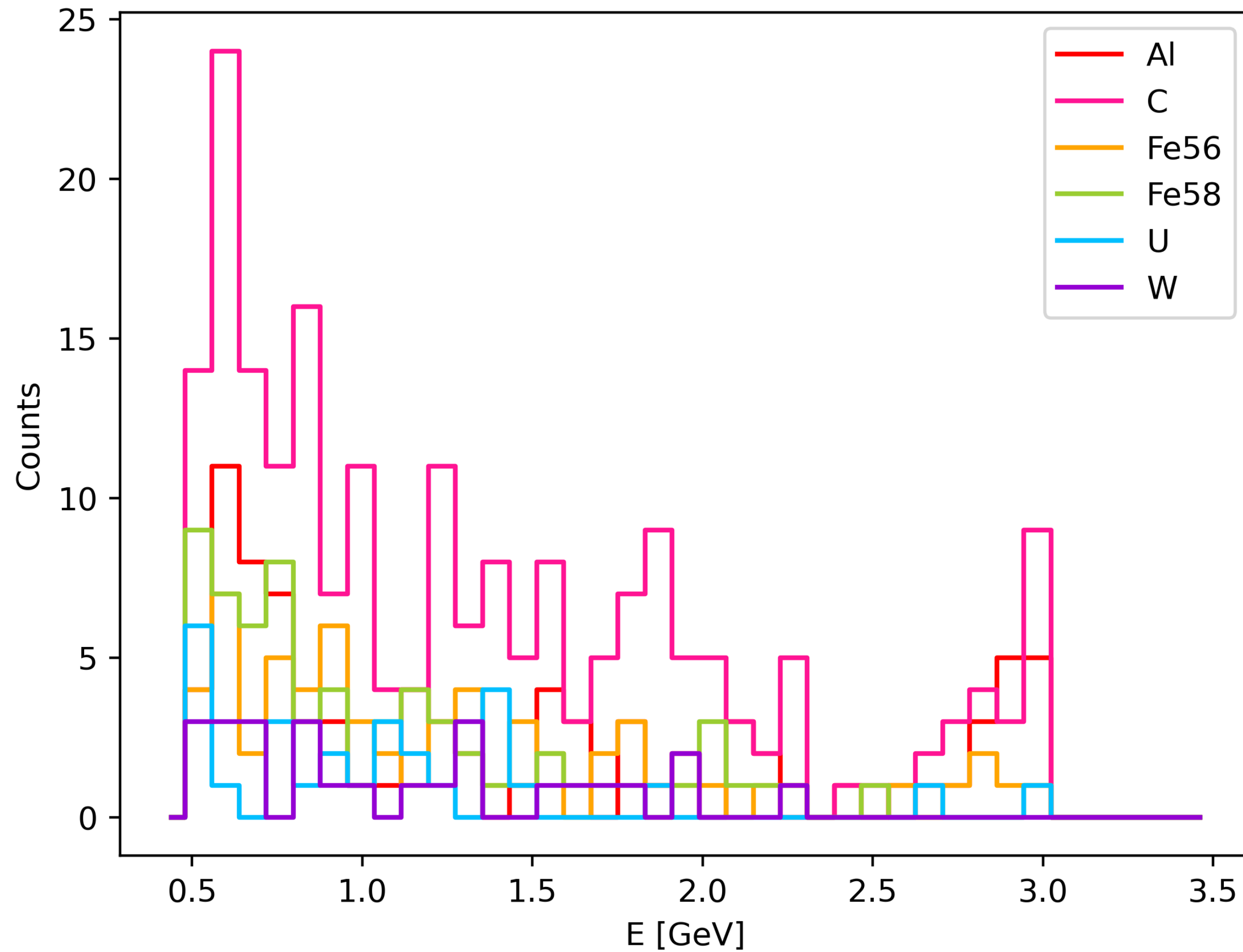
Simulated $2.5E9$ e.o.t.
Electron event selection



$E > 500 \text{ MeV}$

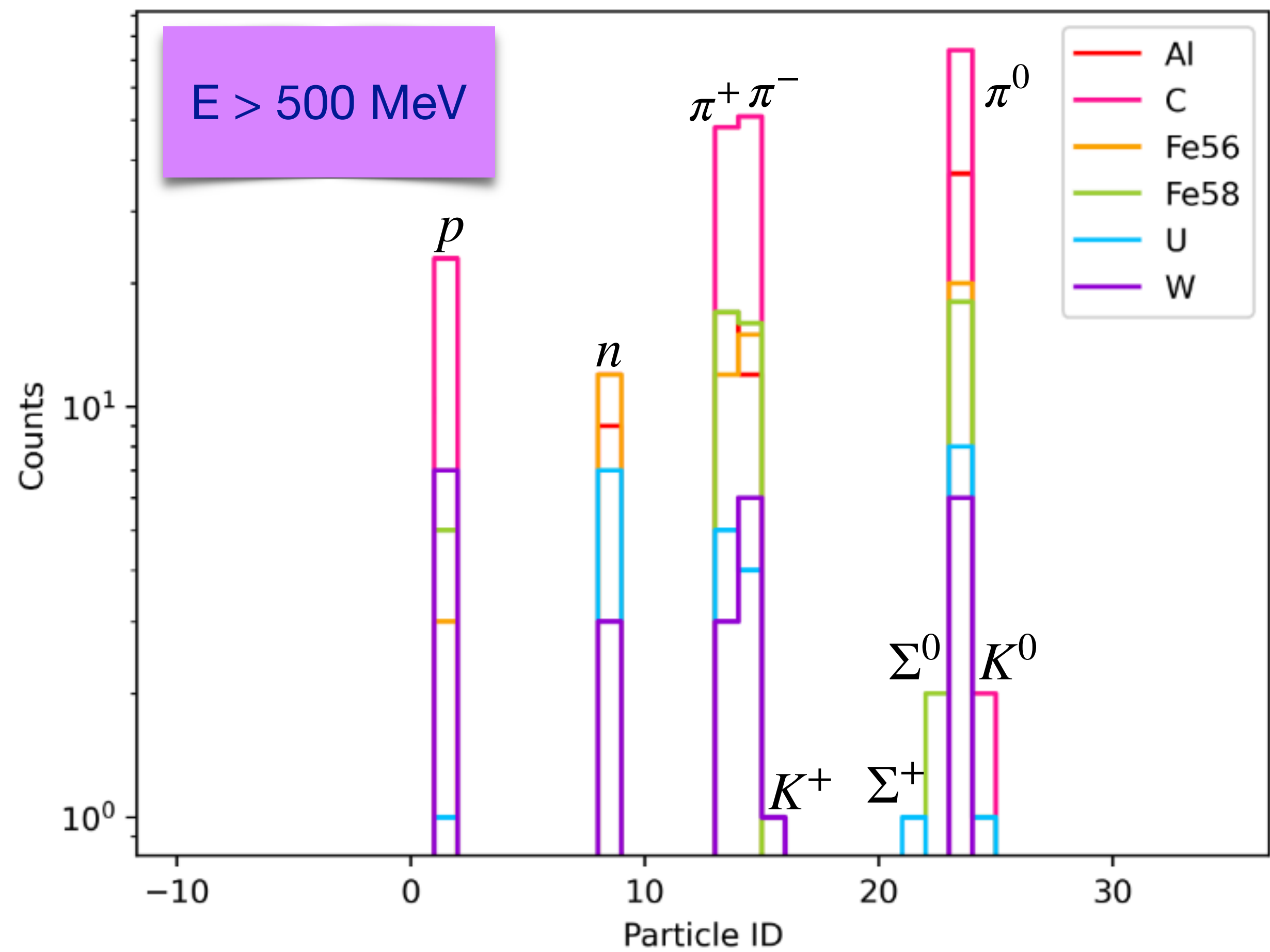
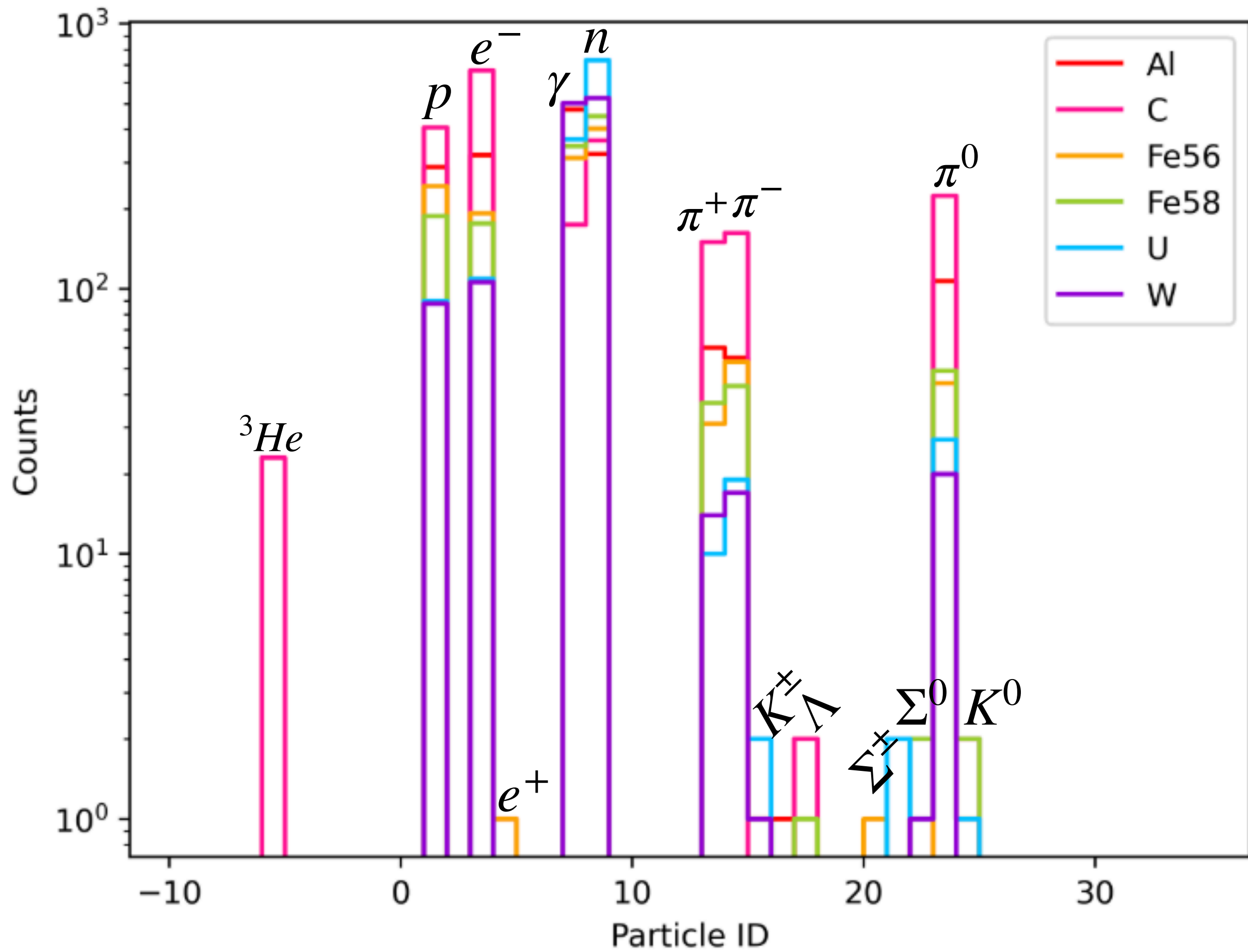
FLUKA secondary hadrons

Simulated $2.5E9$ e.o.t.
Electron event selection



FLUKA particle Ids

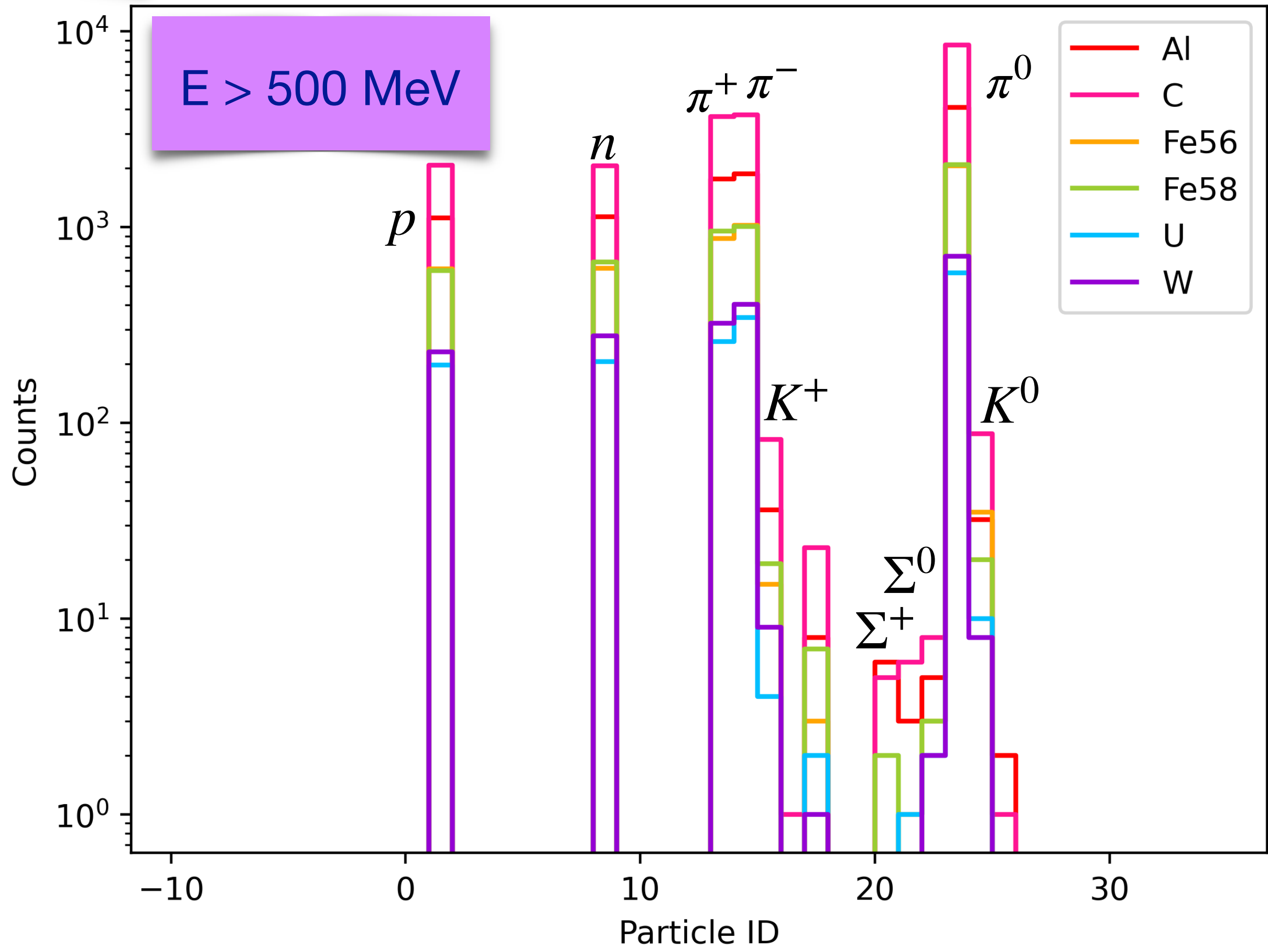
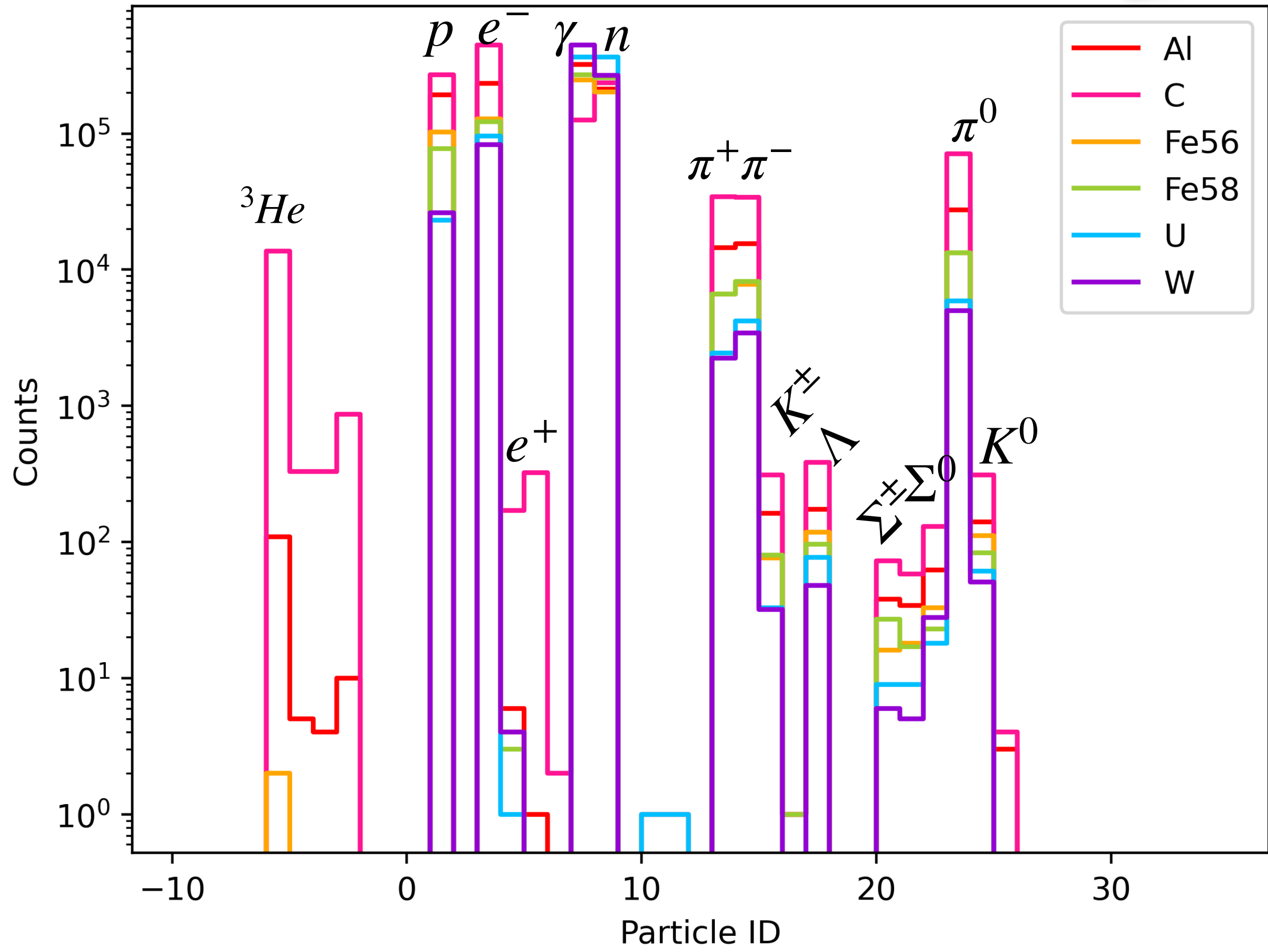
Simulated 2.5E9 e.o.t.
Electron event selection



FLUKA particle Ids

Simulated 2.5E9 e.o.t.
No event selection

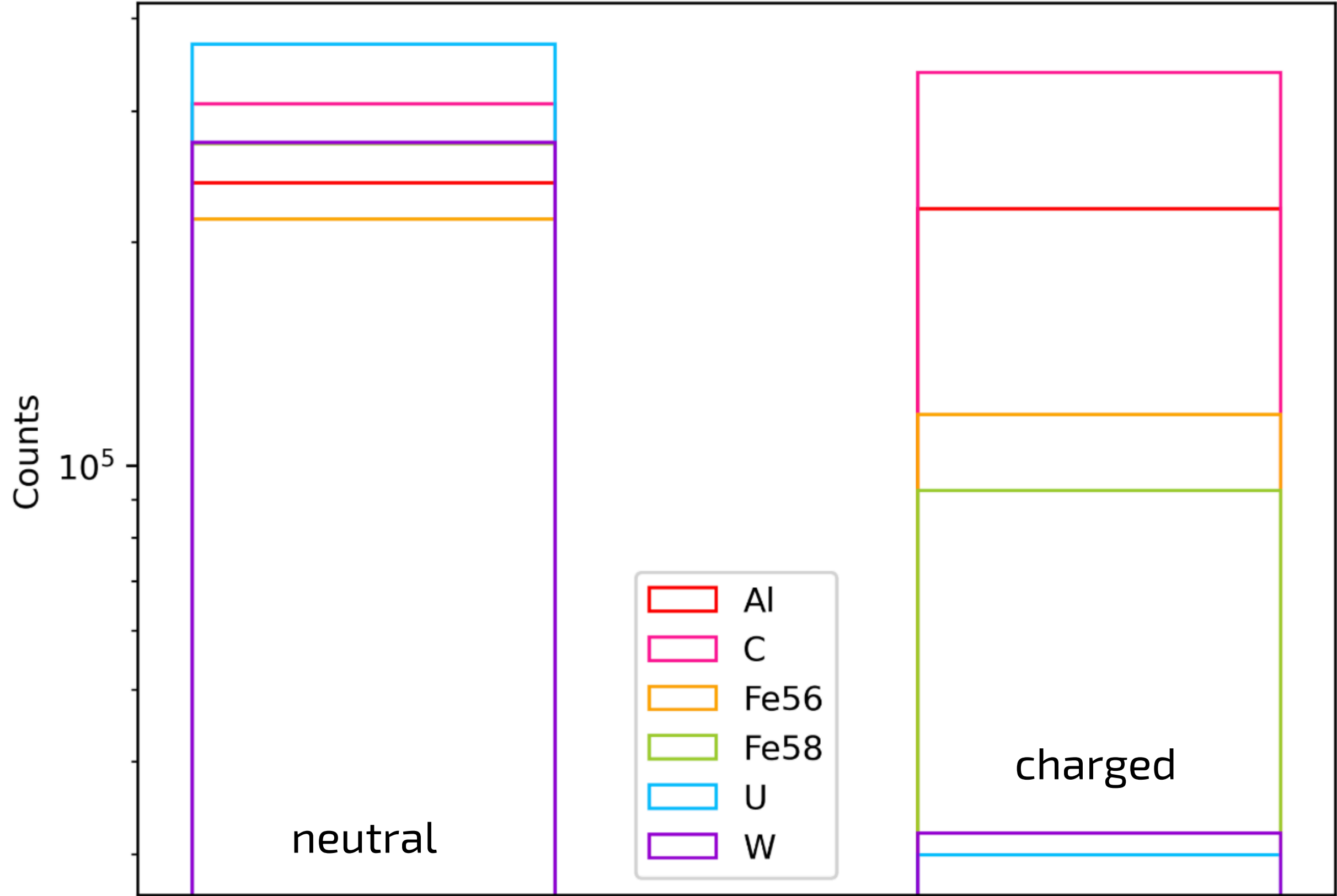
NEW!



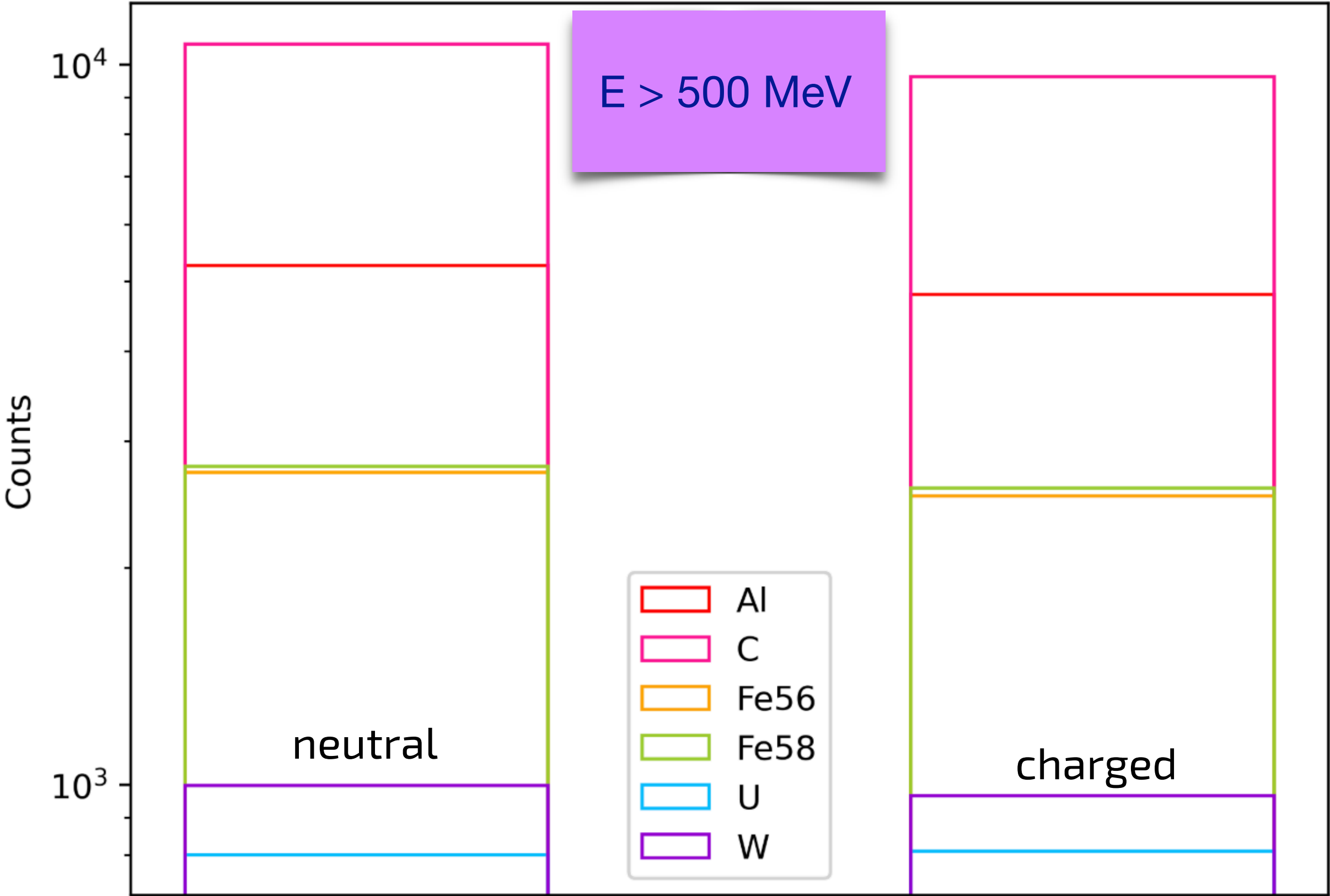
FLUKA particle Ids

Simulated 2.5E9 e.o.t.
No event selection

NEW!



Number of produced neutral vs. charged hadrons

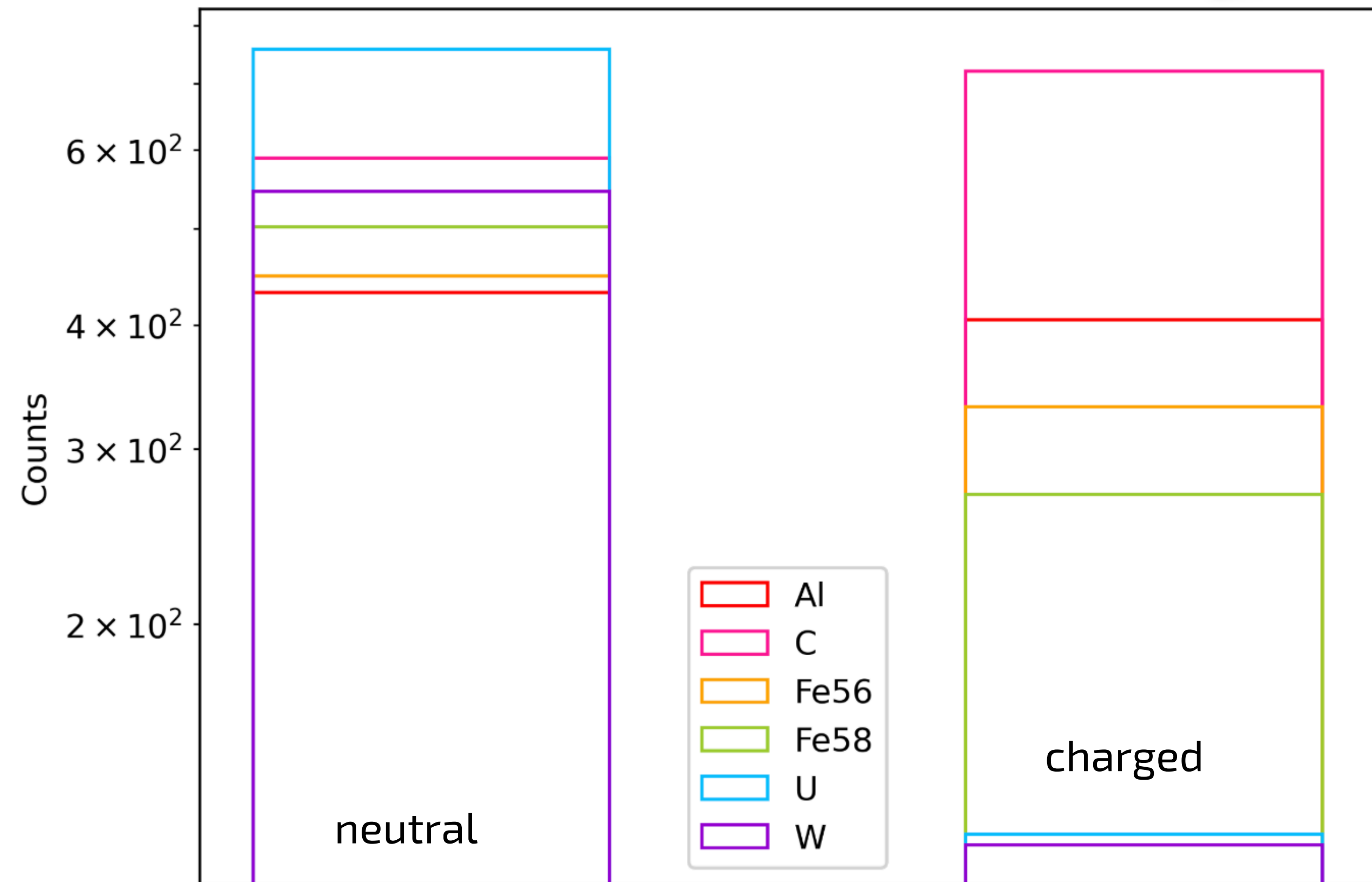


Number of produced neutral vs. charged hadrons

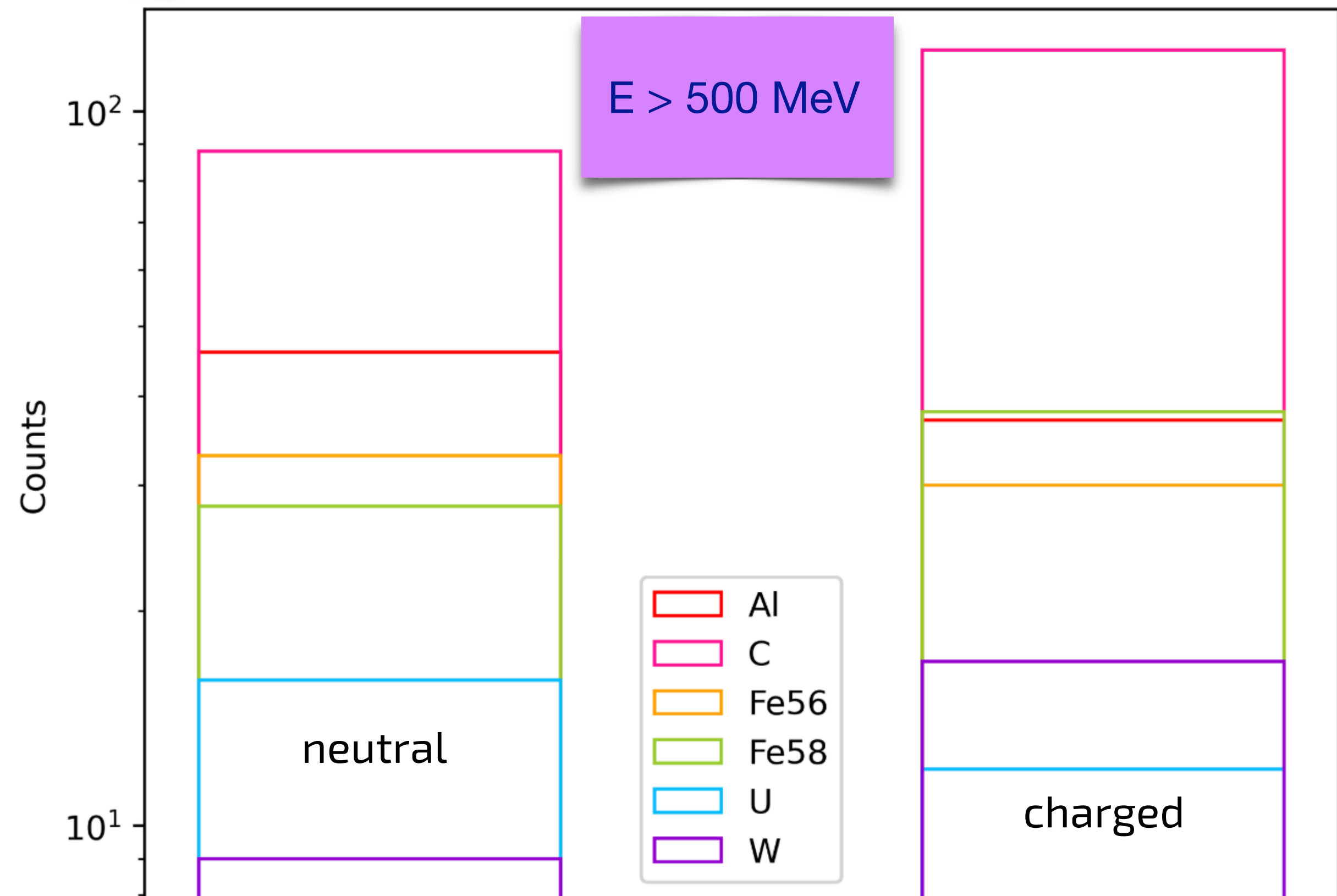
FLUKA particle Ids

Simulated 2.5E9 e.o.t.
event selection

NEW!



Number of produced neutral vs. charged hadrons

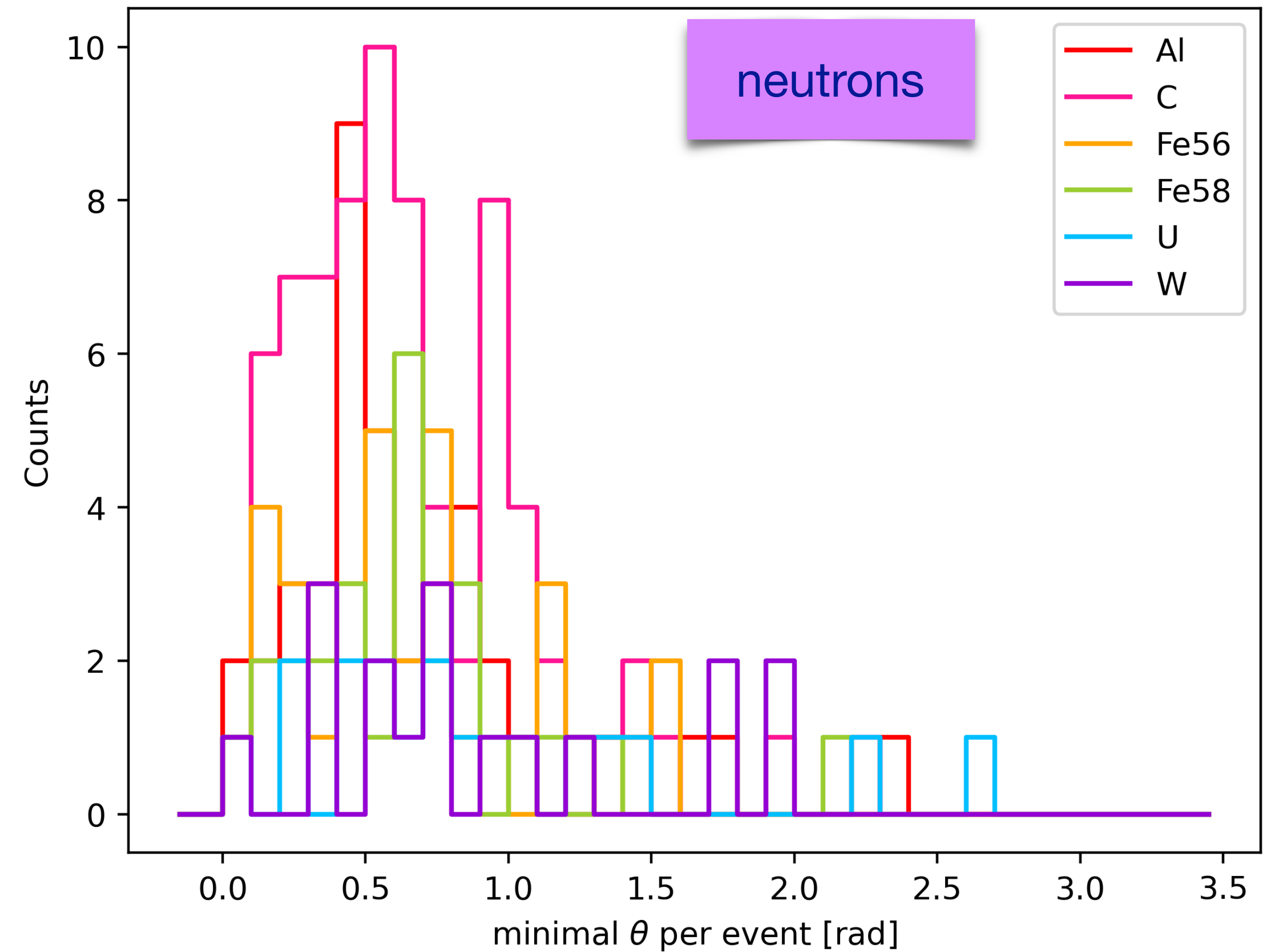
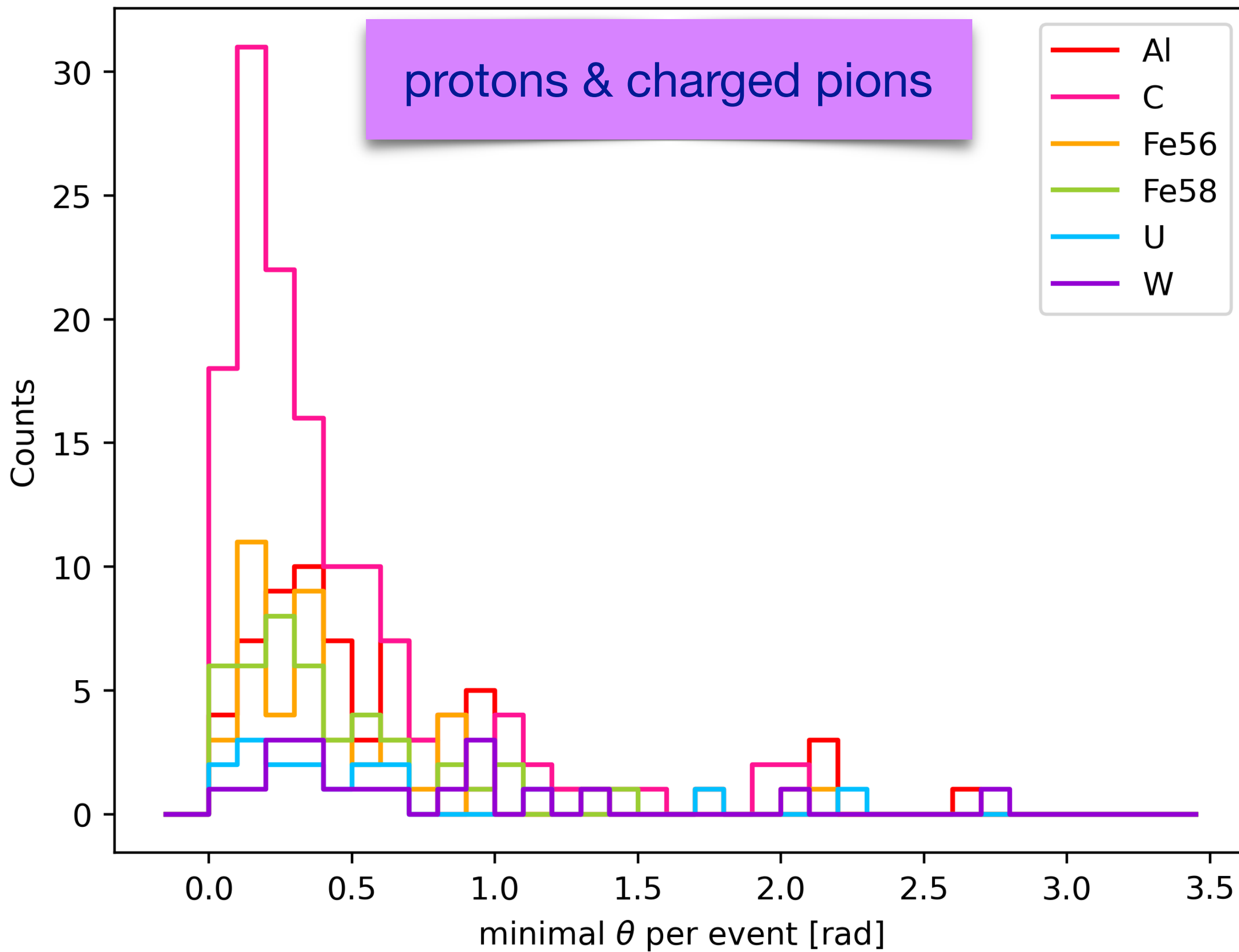


Number of produced neutral vs. charged hadrons

$E > 100$ MeV

FLUKA minimal angle per event

Simulated $2.5E9$ e.o.t.
Electron event selection



$E > 100$ MeV

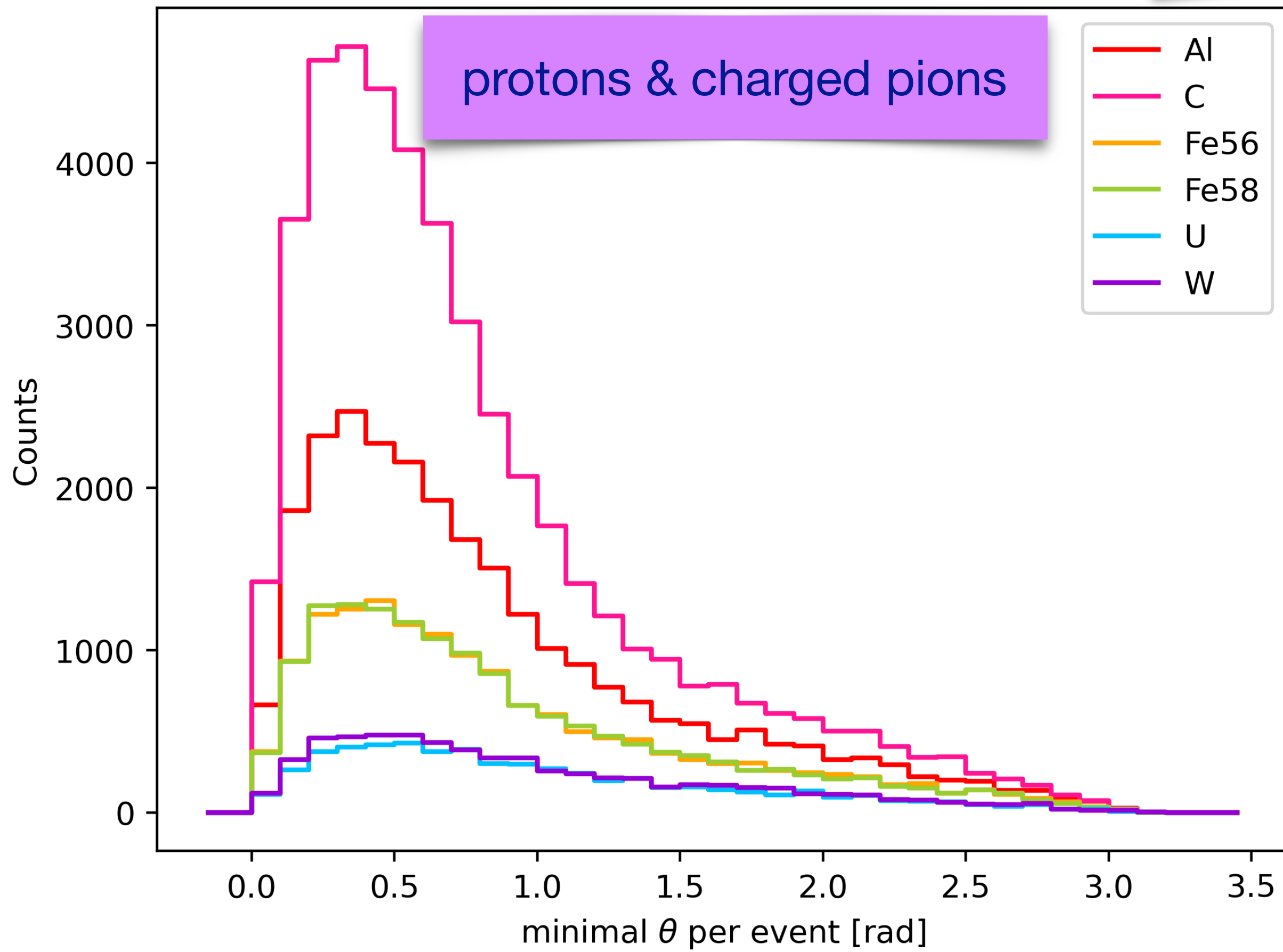
FLUKA minimal angle per event

Simulated $2.5E9$ e.o.t.

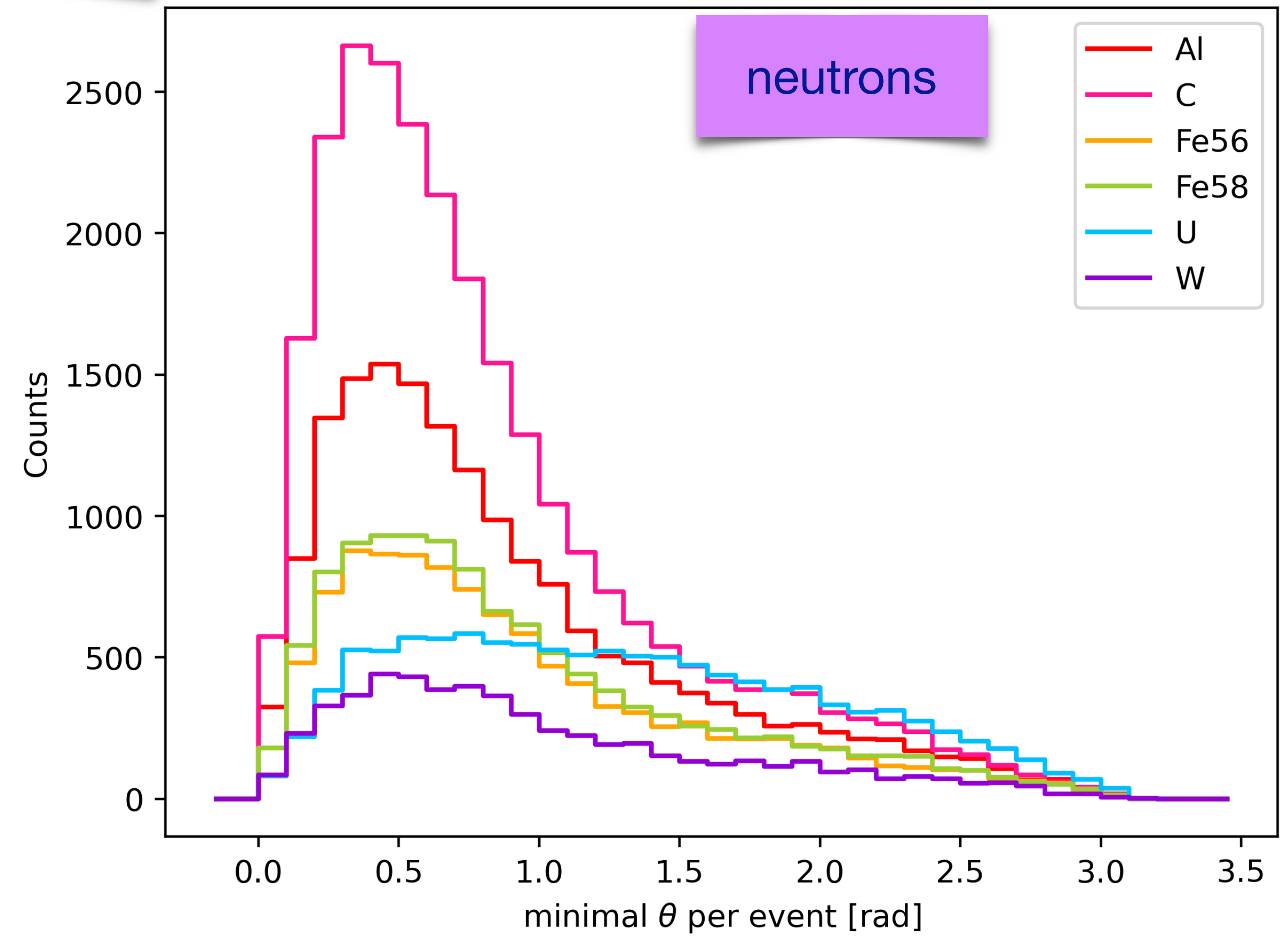
No event selection

NEW!

protons & charged pions

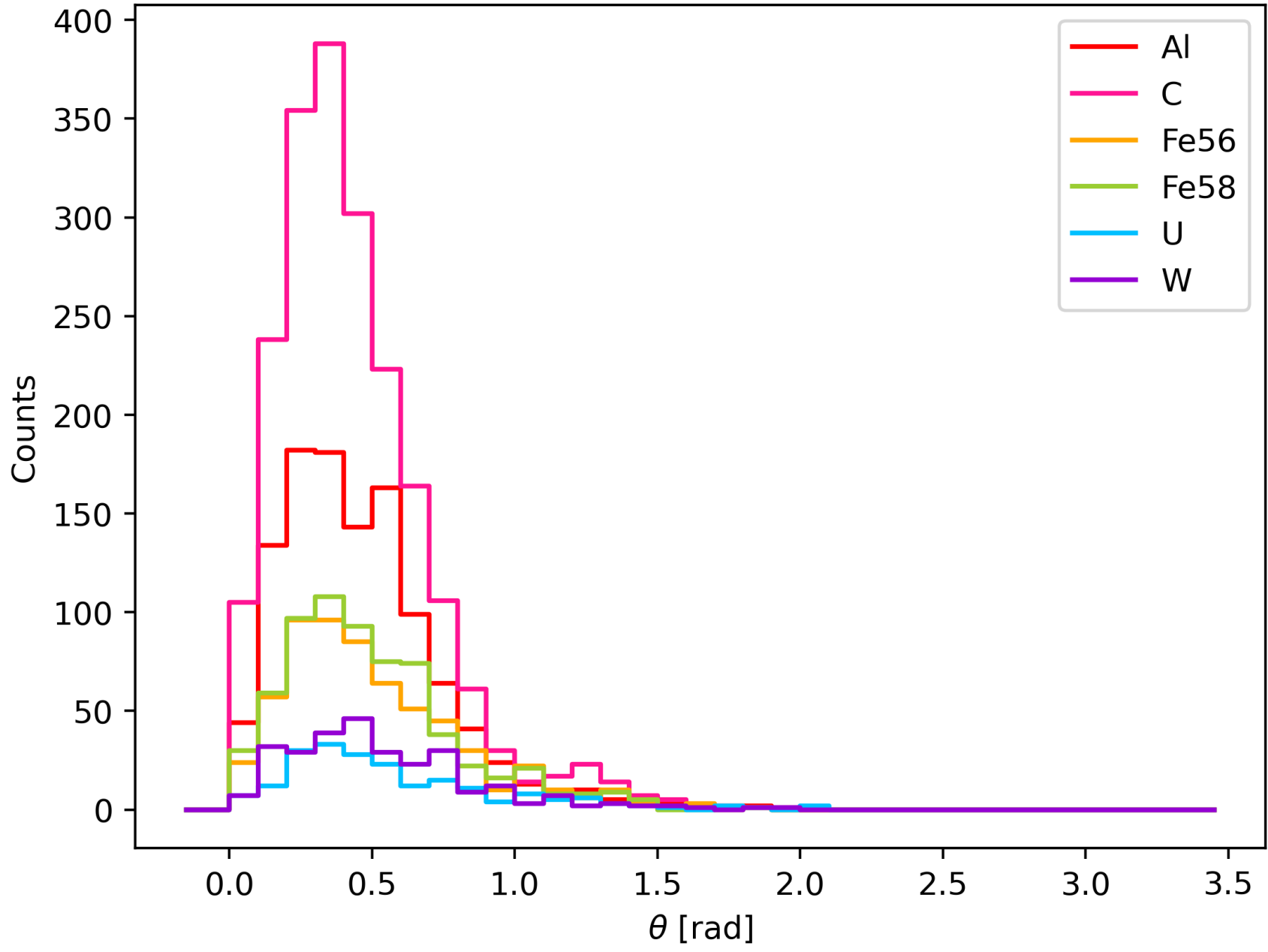
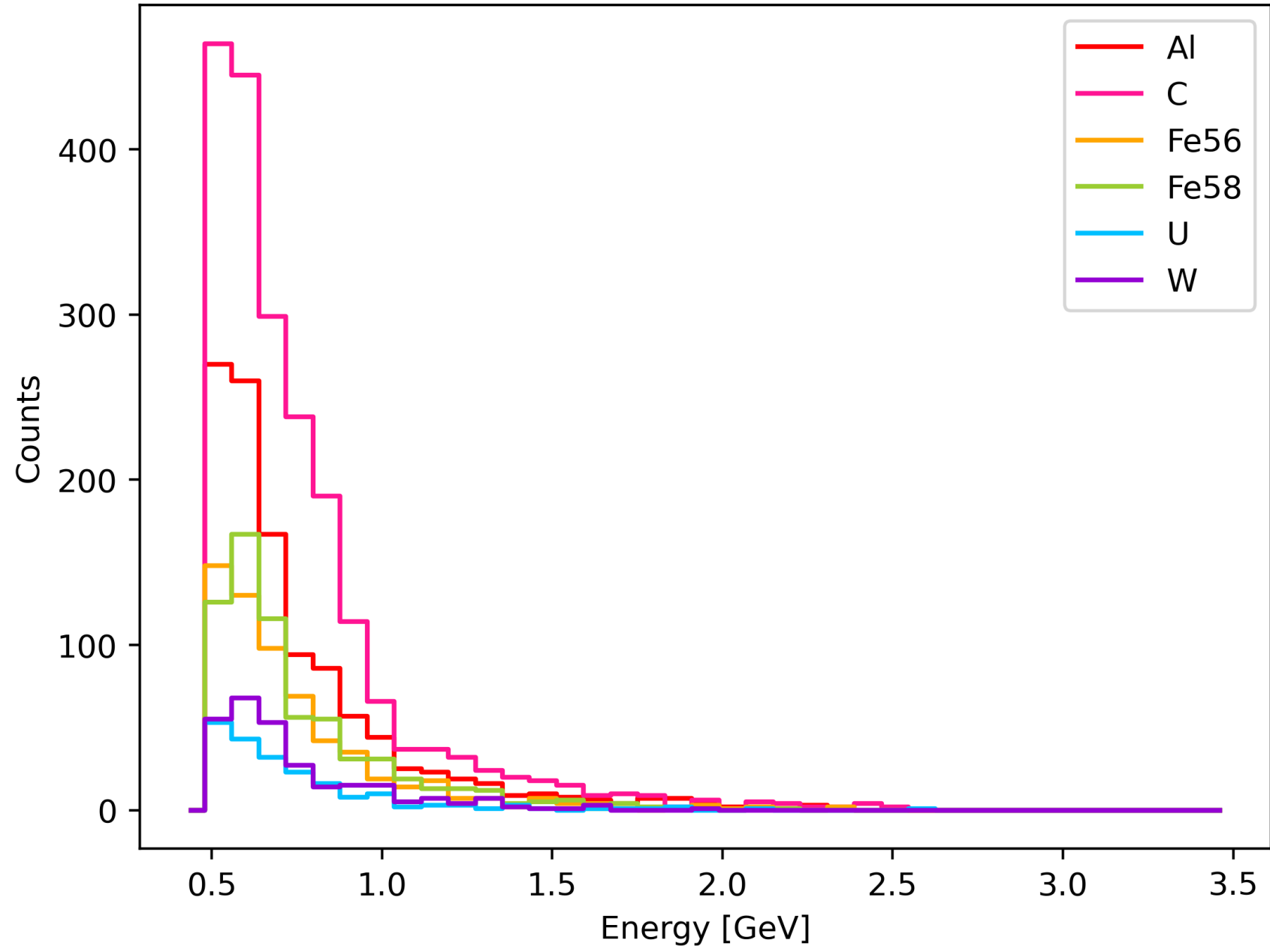
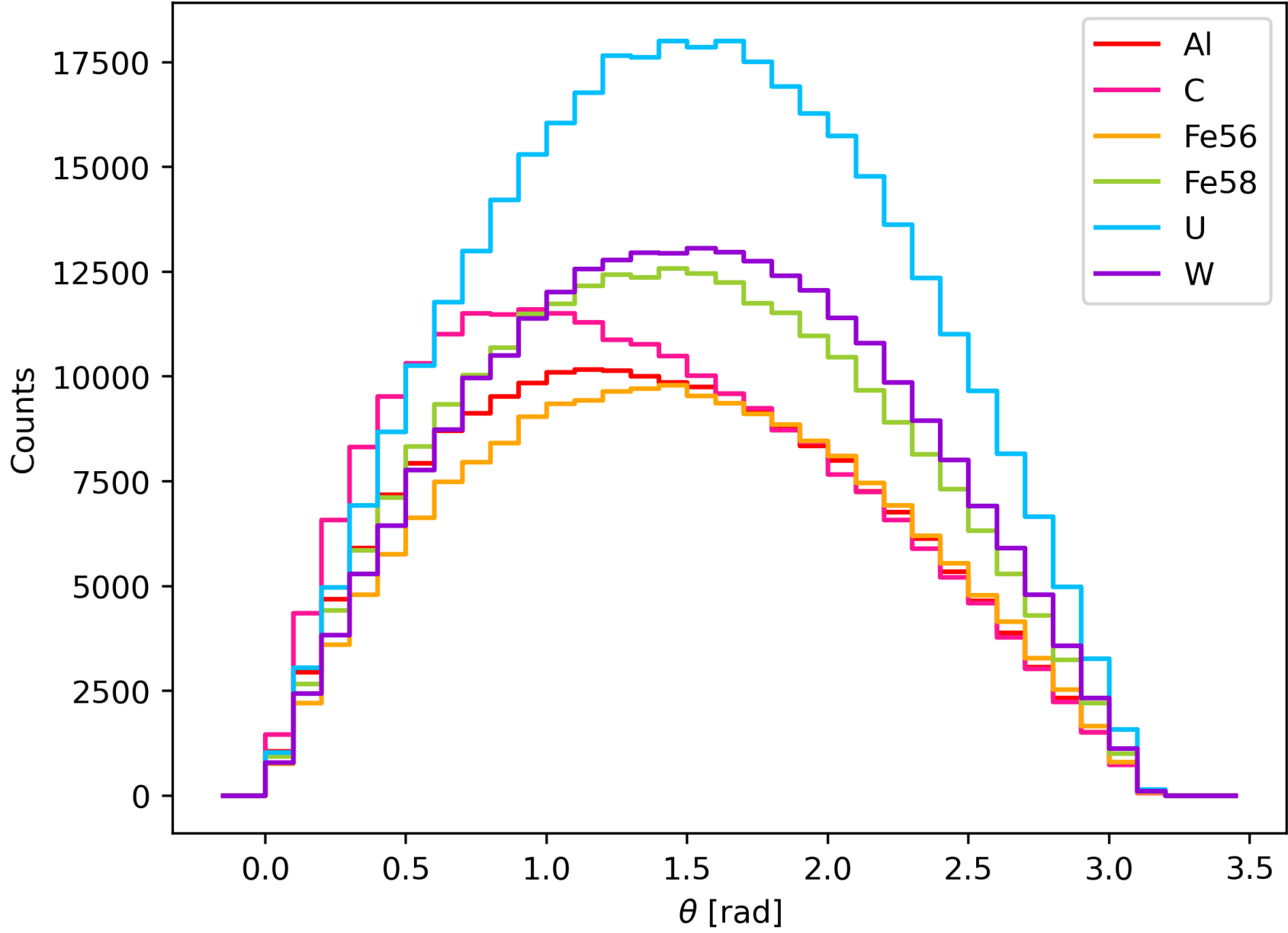
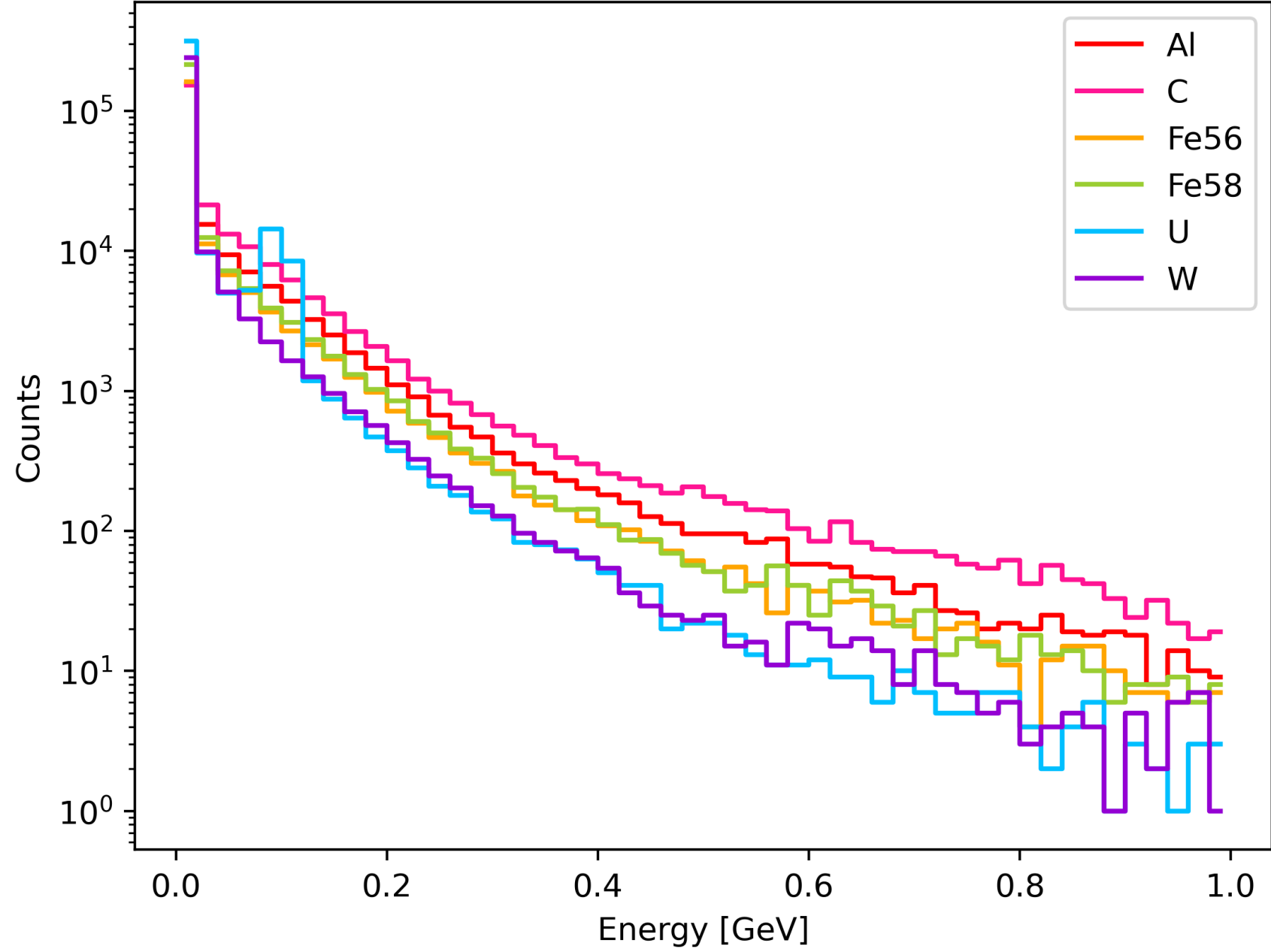


neutrons



FLUKA neutron production

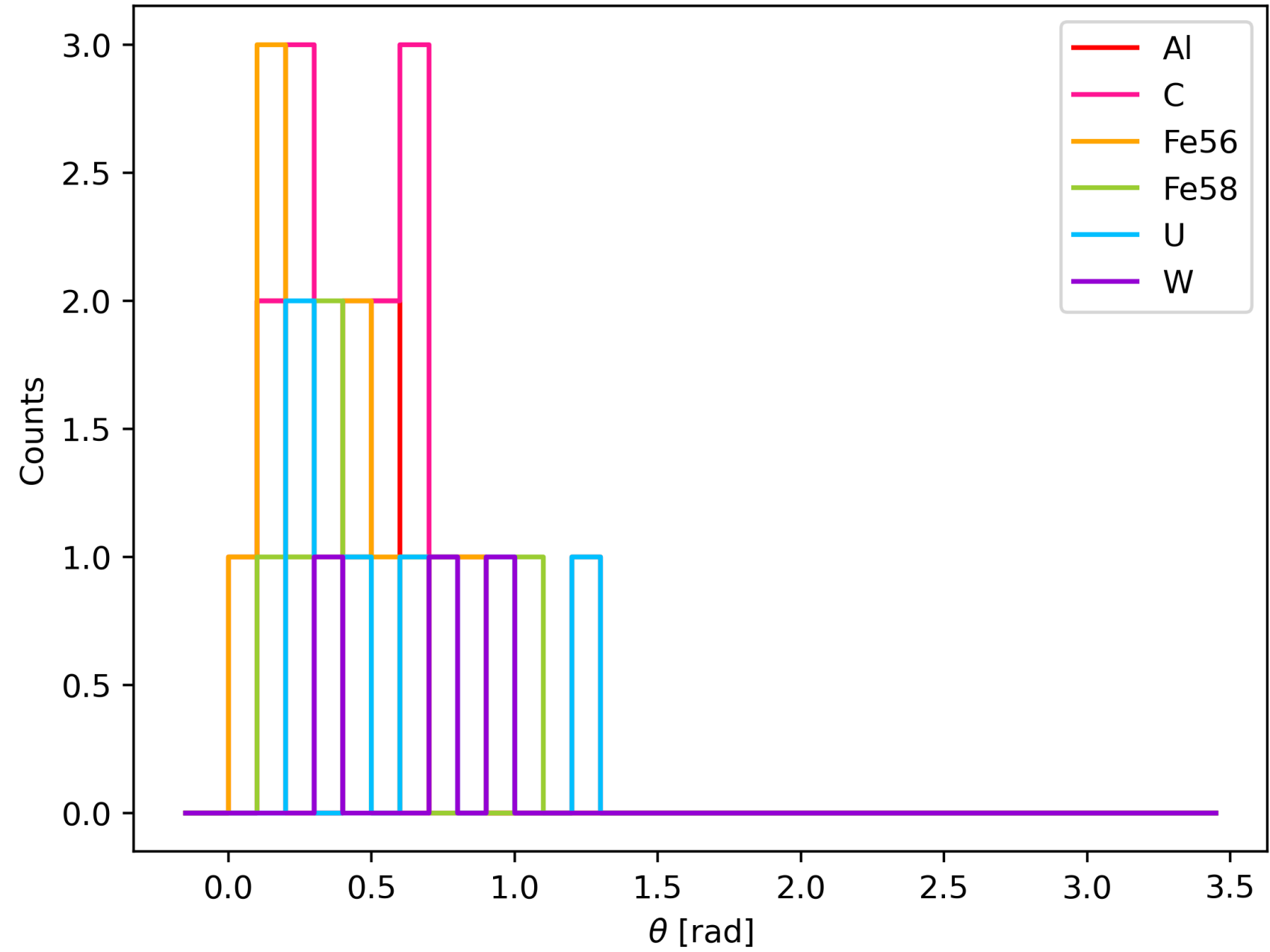
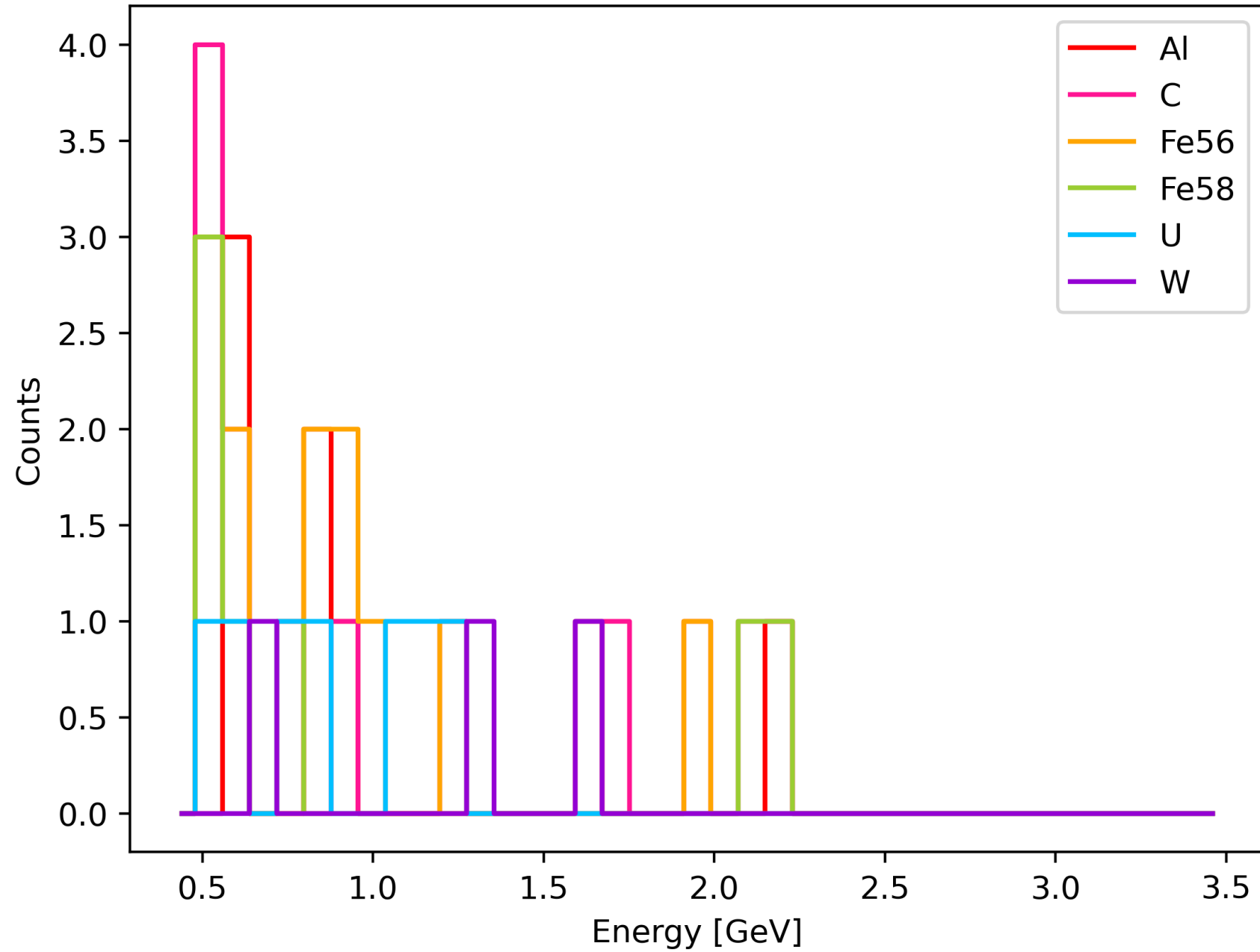
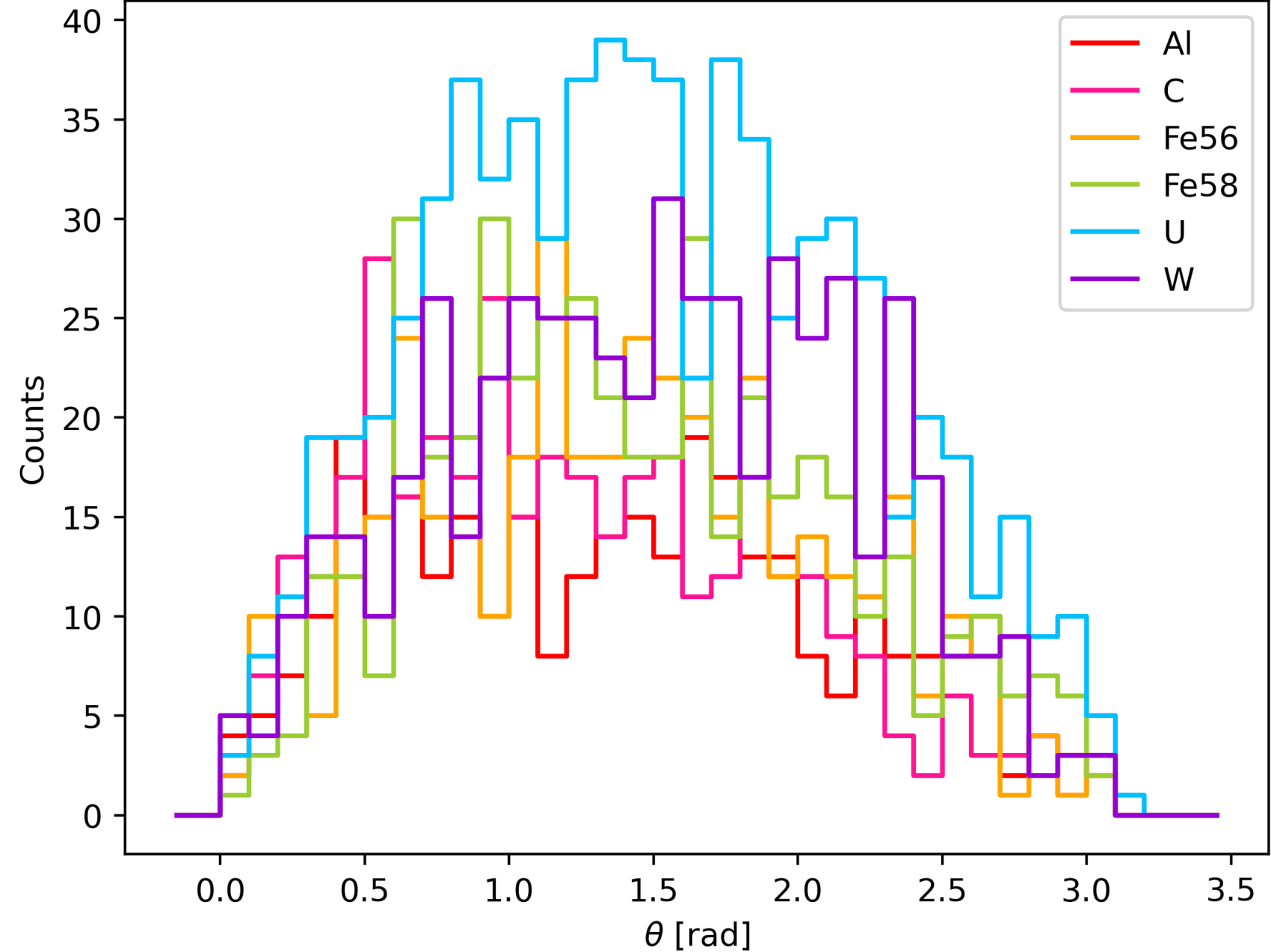
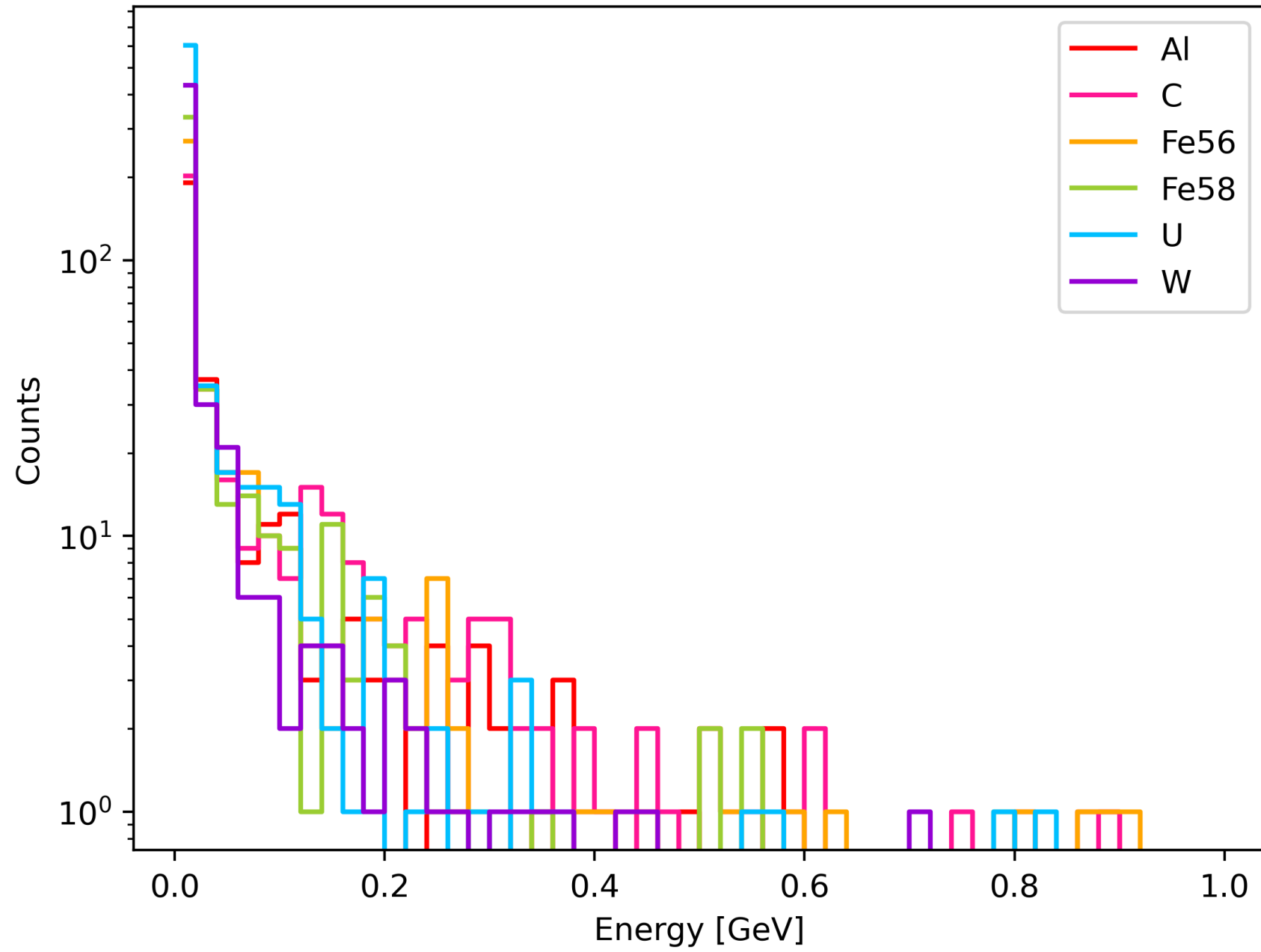
Simulated 2.5E9 e.o.t.
No event selection



E > 500 MeV

FLUKA neutron production

Simulated 2.5E9 e.o.t.
Electron event selection



$E > 500 \text{ MeV}$