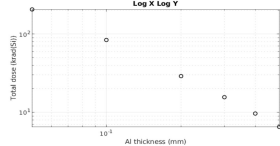
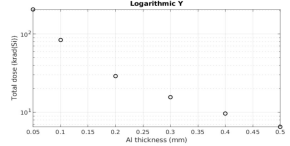
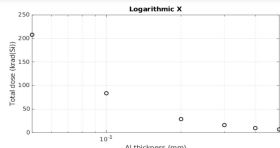
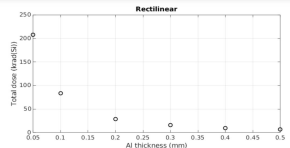


Scalable Asymmetric Lifecycle Engagement (SCALE)

- Attempts to restructure the way education is implemented and introduce students to radiation hardening early in their career paths



Problem Sets



axis scaling

Radiation altitude

Radiation shielding

Total ionizing dose

Sunspots

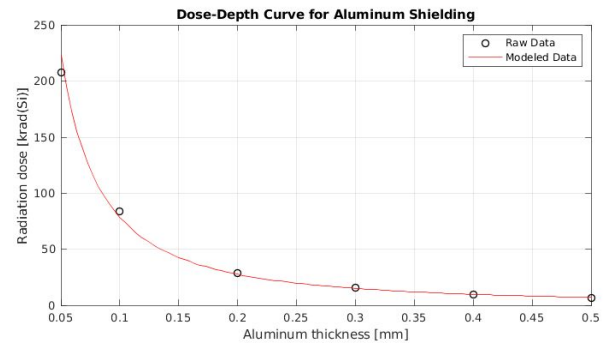
Radiation dosing

Microchip selection

repetition structures

```

for i = 1:length(SEL_index)
    for lcv = 1:length(TID_index)
        if SEL_index(i) == TID_index(lcv)
            match = [match; SEL_index(i)];
        end
    end
end
end
    
```



nonlinear regression,
user defined functions

```

%%file Axx_Shielding_Surface_Density_UDF_Login.m
% create your function header below with the appropriate inputs and outputs
function [H] = shieldingSurfaceDensityUDF_login(surface_density)

% define a variable as the density of aluminum, given above
density_Al = 2.7*10^(-3);

% calculates aluminum thickness using H = px/ρ_AL
H = surface_density ./ density_Al;
    
```

data selection, tables