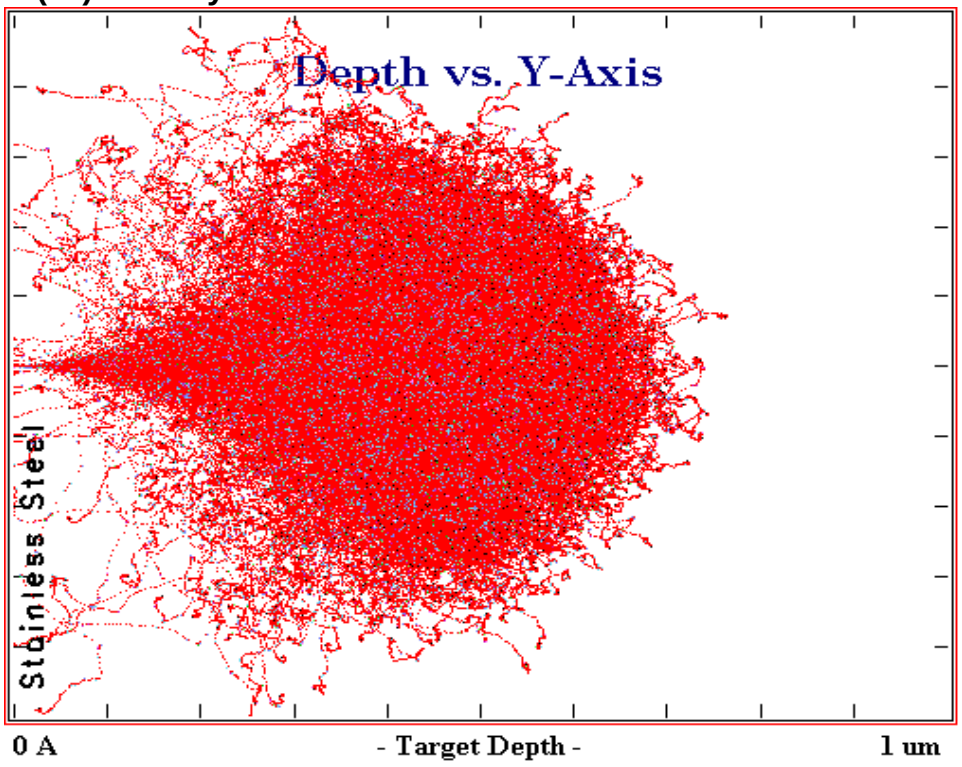
H (10) into Layer 1



5000 Ions Calculated

Ion Type = H
Ion Energy = 80 keV
Ion Angle = 0

SRIM-2006.01
August 27, 2008
www.SRIM.org

Calculation Parameters:

Backscattered Ions	23
Transmitted Ions	0
Vacancies/Ion	51.3

ION STATS

	Range	Straggle
Longitudinal	4823 A	1079 A
Lateral Proj.	1174 A	1458 A
Radial	1821 A	925 A

Type of Damage Calculation
Full Cascades

Stopping Power Version
SRIM-2003

% ENERGY LOSS

	Ions	Recoils
Ionization	96.30	0.35
Vacancies	0.06	0.13
Phonons	0.77	2.39

SPUTTERING YIELD

	Atoms/Ion	eV/Atom
TOTAL	0.010	
Cr	0.000200	3.91
Fe	0.001000	18.17
Ni	0.000200	9.23

Target layers:

		Moving atom colors ->						
		Stopped atom colors ->						
	Layer Name	**Width (A)**	**Density**	**Cr (51.996**	**Fe (55.847**	**Ni (58.69)**	**Solid/Gas**	**Stop Corr.**
1	**Stainless Steel**	10000	8.000	0.08000	0.74000	0.18000	Solid	1
	Lattice Binding Energy			3	3	3		
	Surface Binding Energy			4.12	4.34	4.46		
	Displacement Energy			25	25	25		