

MODELADO de las CURVAS de TASAS de DOSIS ABSORBIDAS en AIRE para una PLANTA de IRRADIACIÓN SEMI INDUSTRIAL

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PLANTA de IRRADIACIÓN SEMI INDUSTRIAL (PISI)

Pertenece a: COMISIÓN NACIONAL de ENERGÍA ATÓMICA (Argentina)

Ubicada en: CENTRO ATÓMICO EZEIZA (Provincia de Buenos Aires)



Instalación Multipropósito

Comienza en la década
del '70

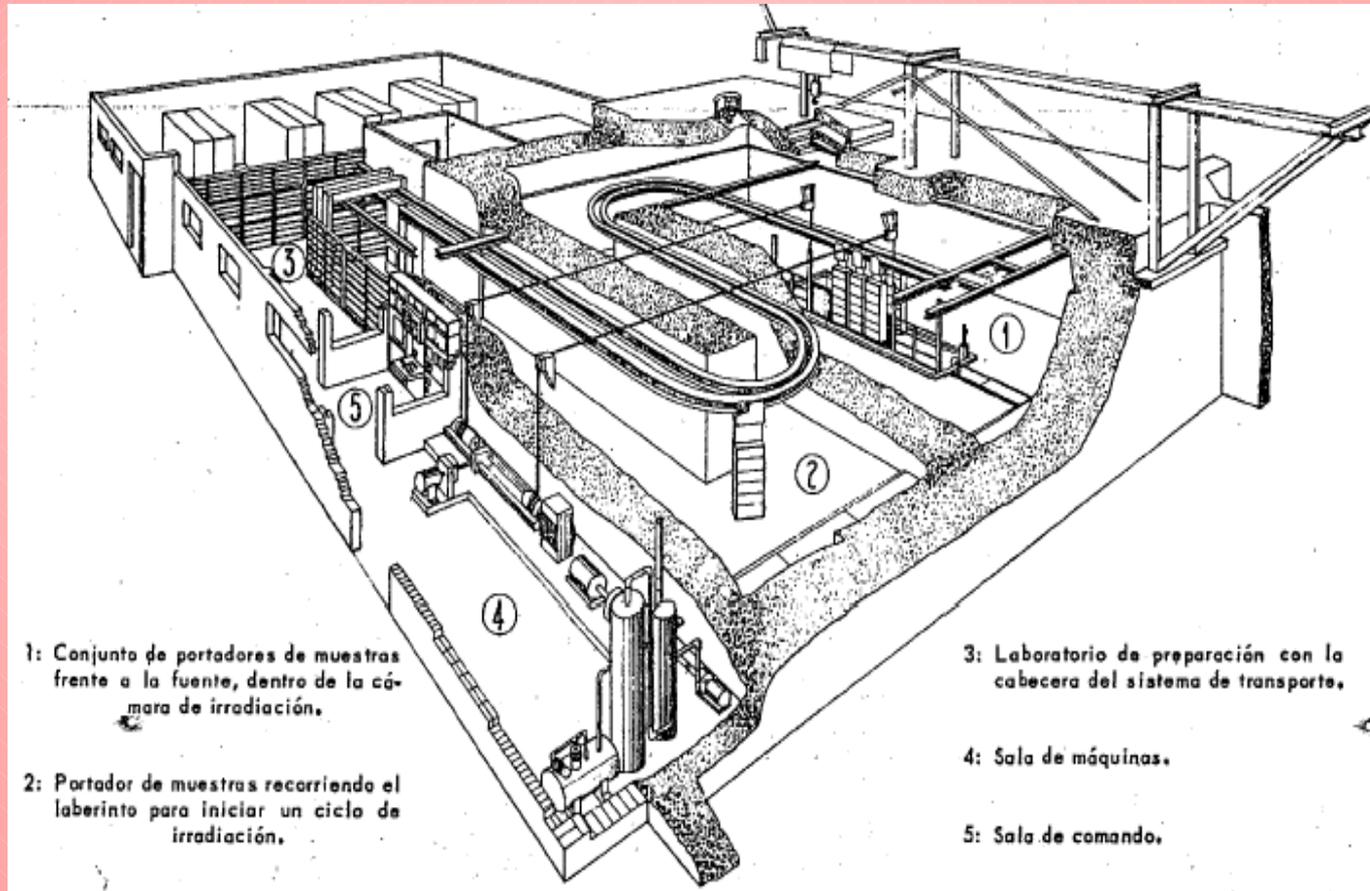
Actividad Máxima:
(cobalto-60): 1.000.000 Ci

Actividad Actual:
(cobalto-60): 600.000 Ci

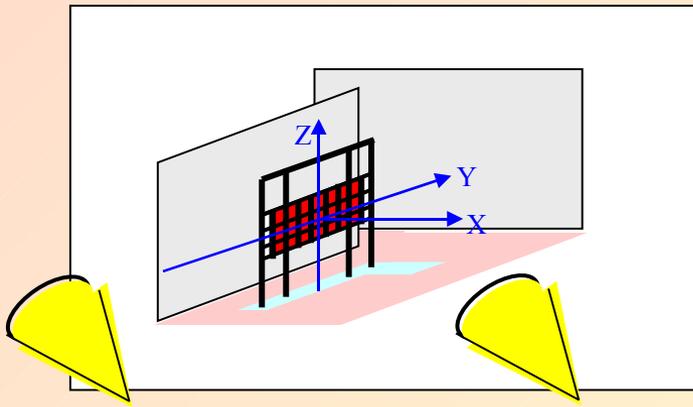
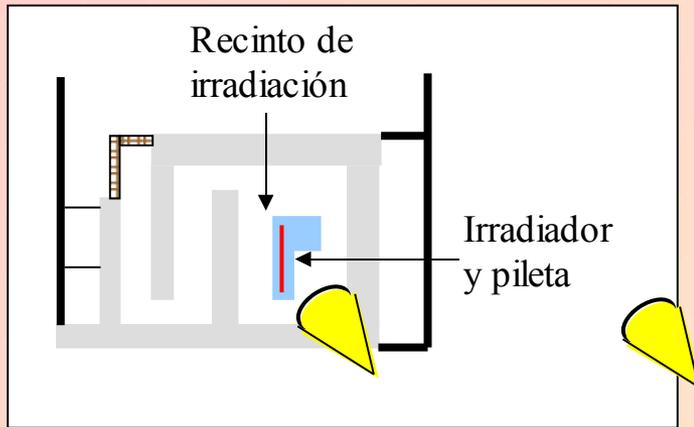
- servicios de procesamiento con radiaciones ionizantes de productos y materias primas en escala comercial o precomercial
- servicio de irradiación a los laboratorios de investigación del Centro Atómico Ezeiza

PLANTA DE IRRADIACIÓN SEMI INDUSTRIAL

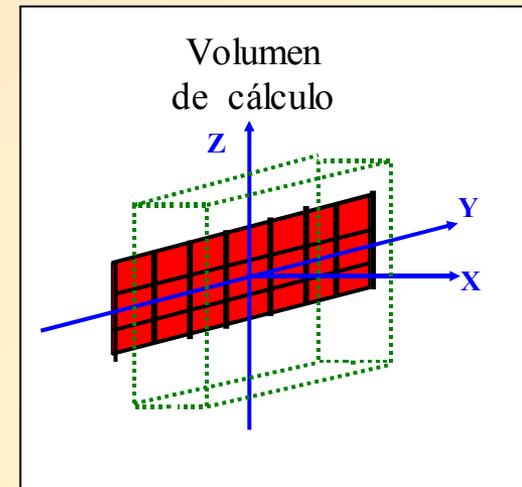
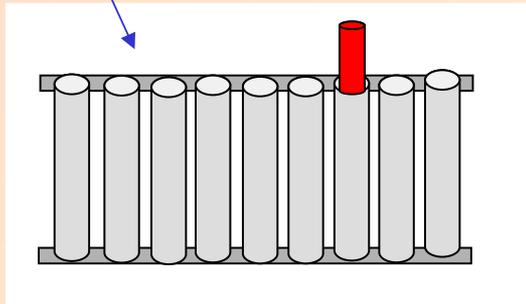
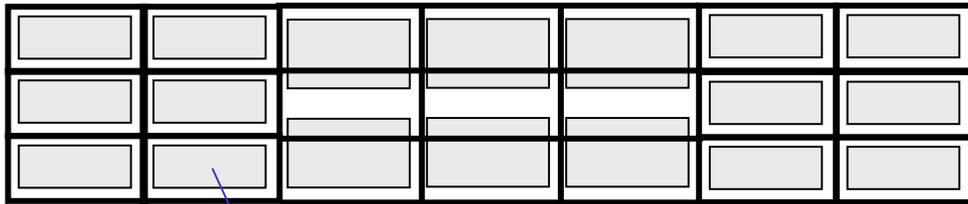
Pertenece a: COMISIÓN NACIONAL de ENERGÍA ATÓMICA (Argentina)
Ubicada en: CENTRO ATÓMICO EZEIZA (Provincia de Buenos Aires)



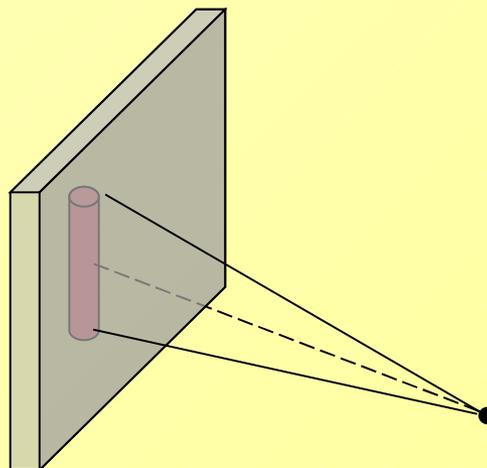
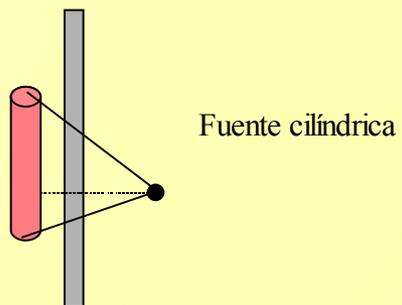
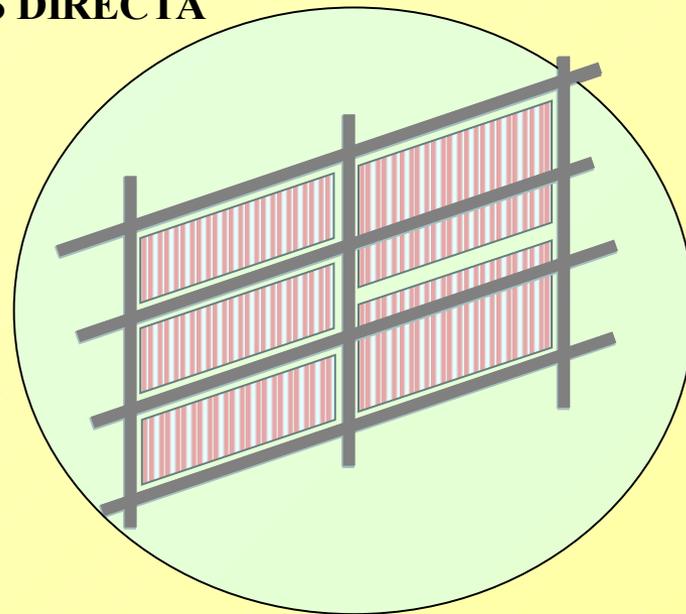
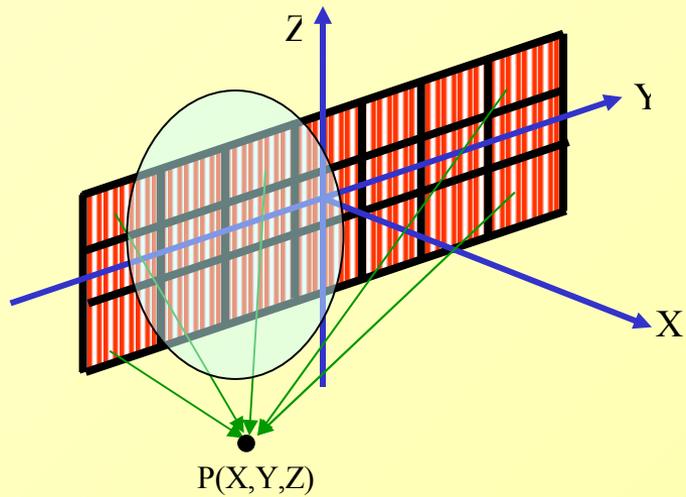
PLANTA DE IRRADIACIÓN



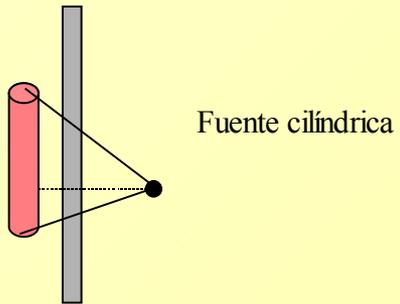
Irradiador



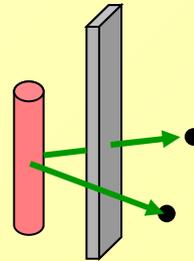
CÁLCULO de TASA de DOSIS DIRECTA



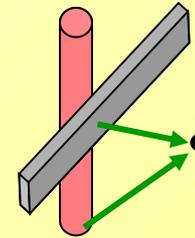
EFFECTOS de la ESTRUCTURA del IRRADIADOR



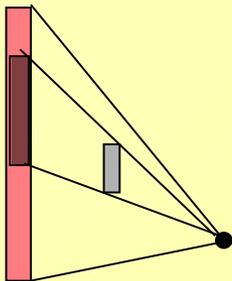
Barras verticales



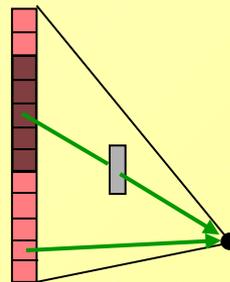
Barras horizontales



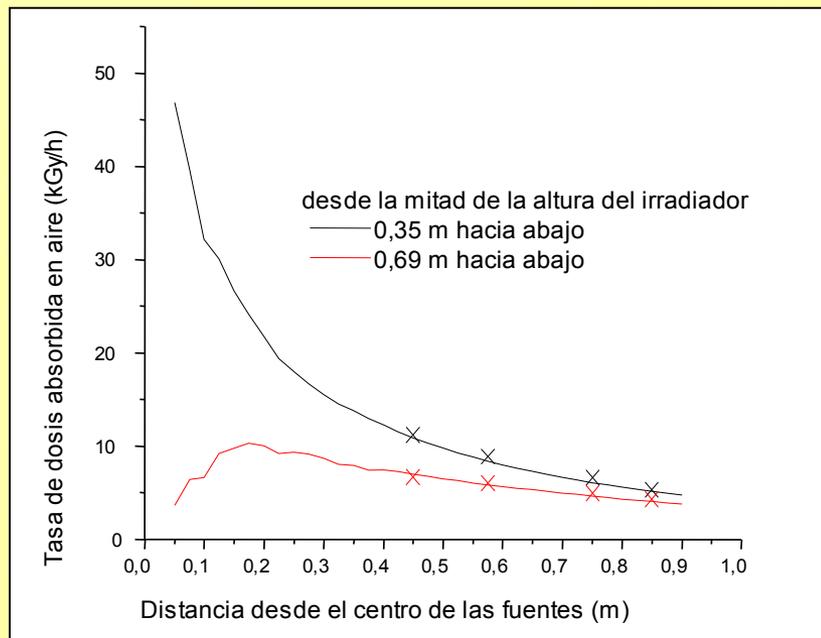
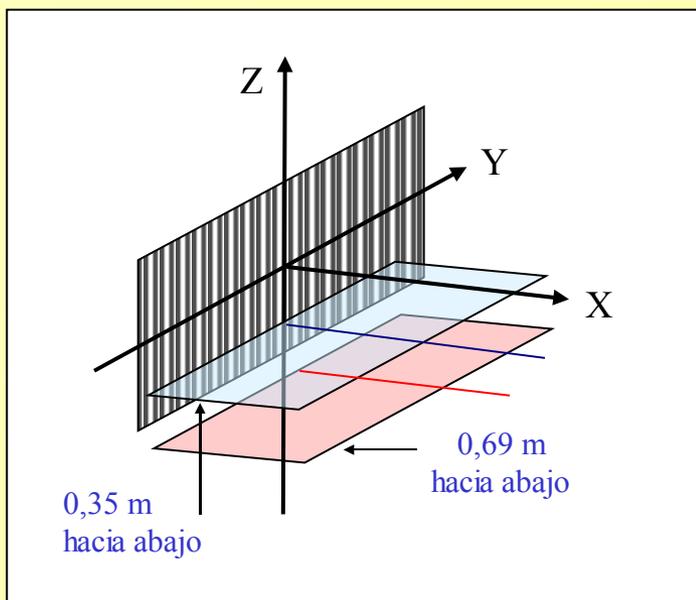
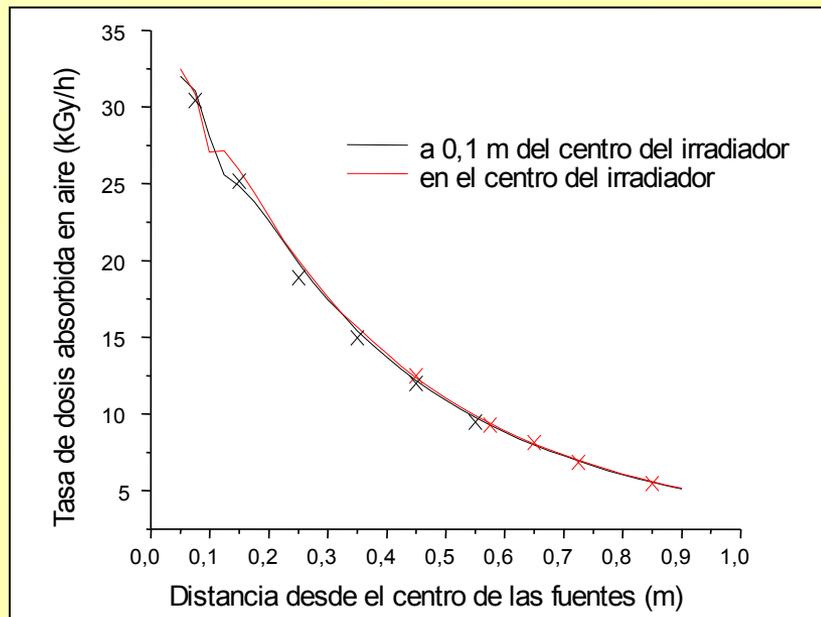
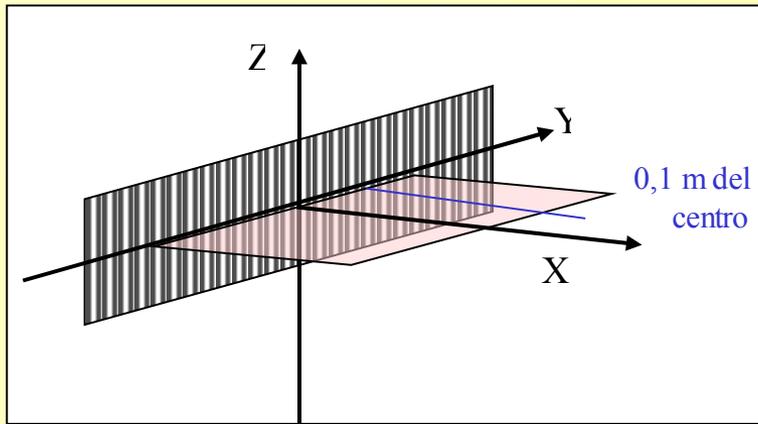
Sombreado



Fuente partida



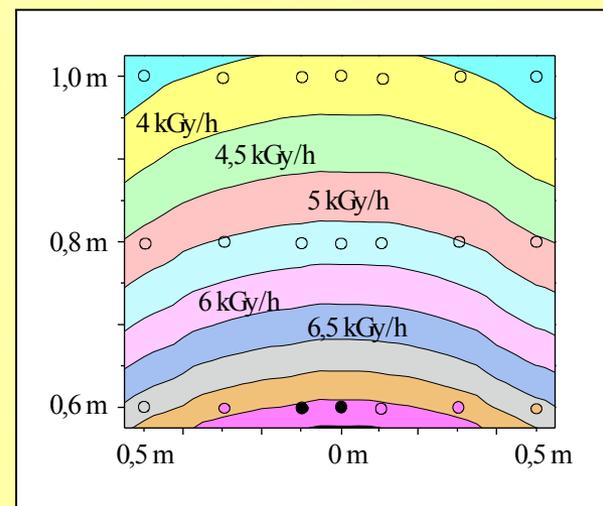
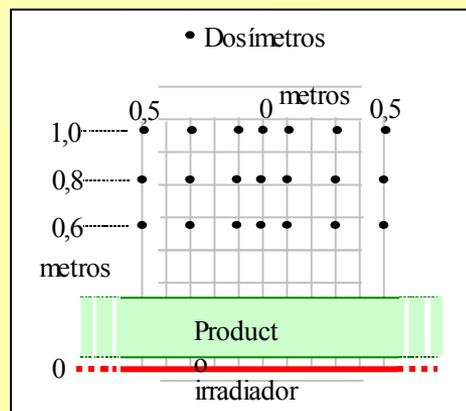
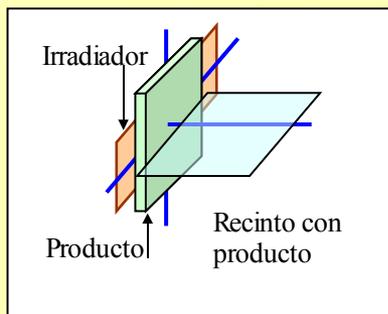
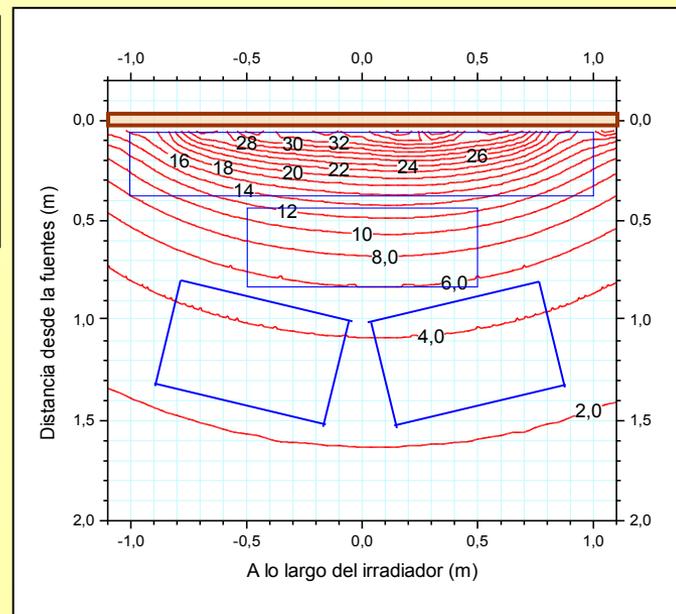
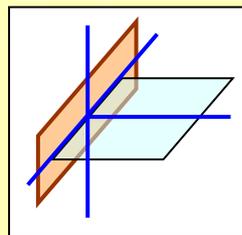
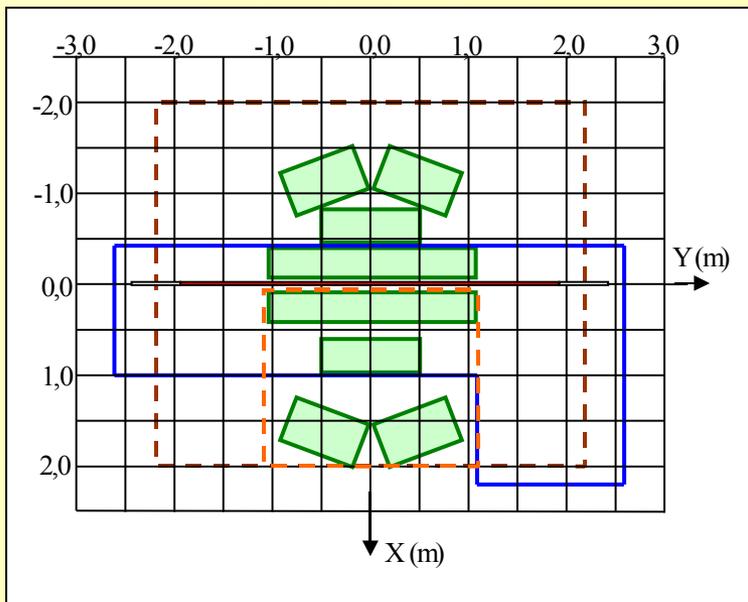
VERIFICACIÓN con MEDIDAS EXPERIMENTALES



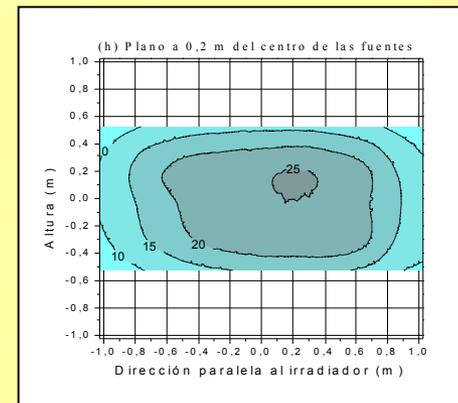
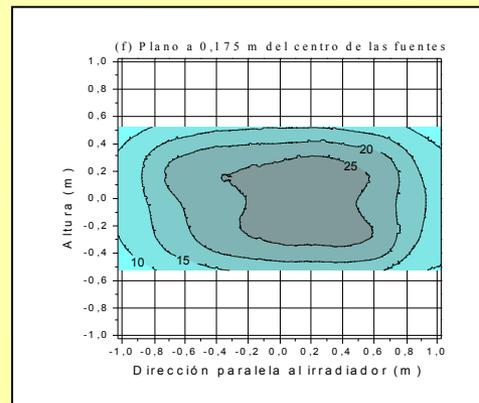
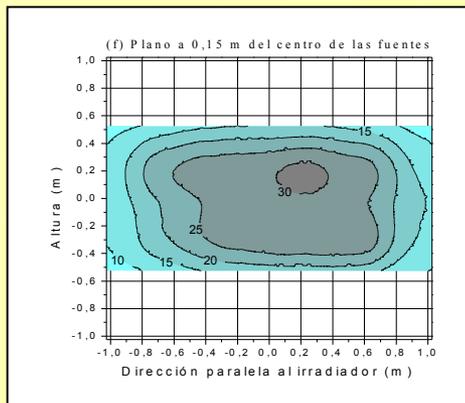
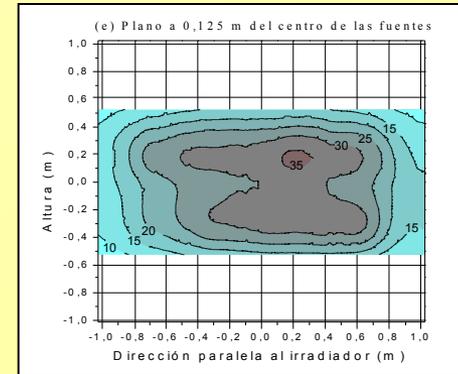
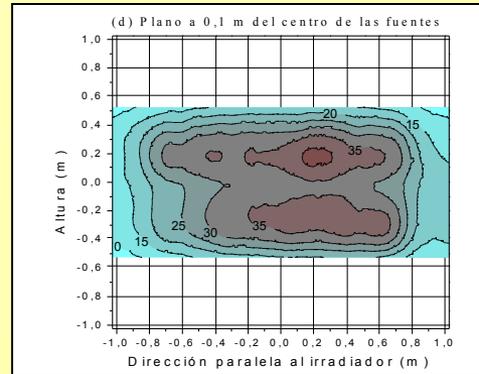
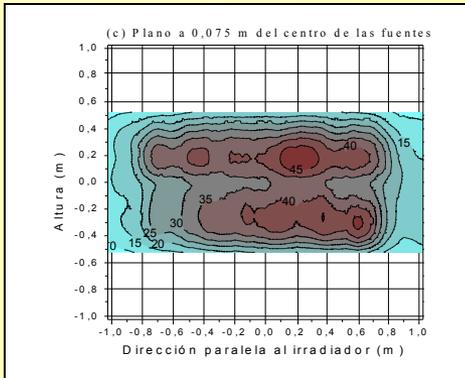
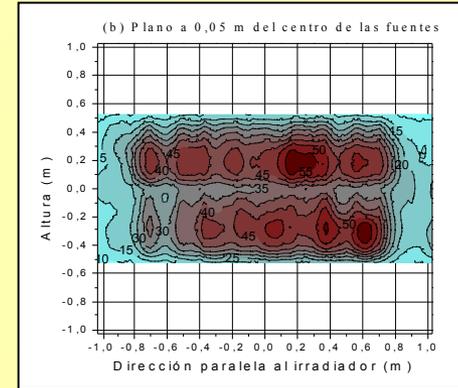
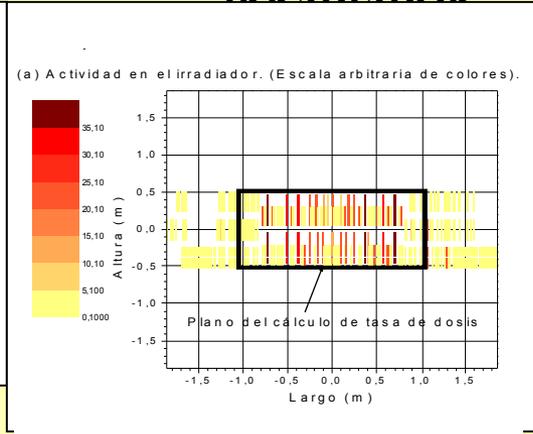
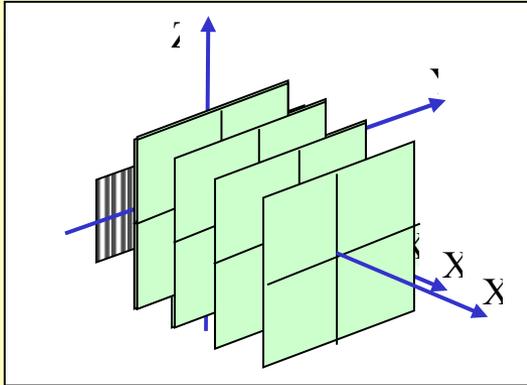
SALA DE IRRADIACIÓN



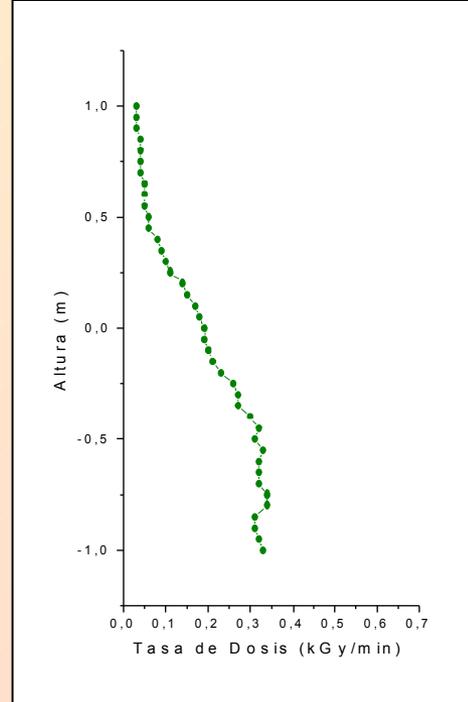
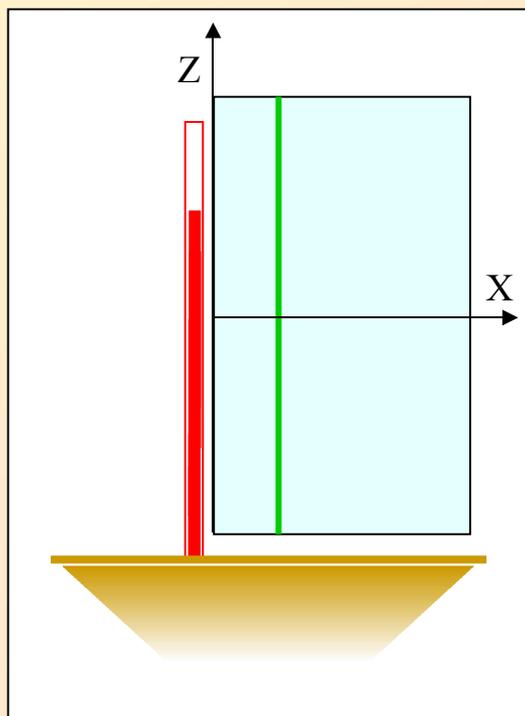
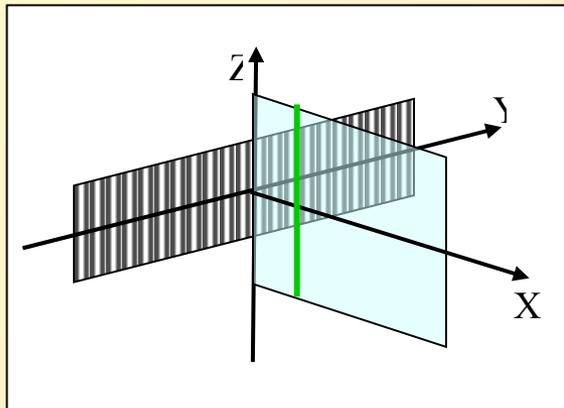
LÍNEAS DE IGUAL TASA DE DOSIS EN UN PLANO HORIZONTAL



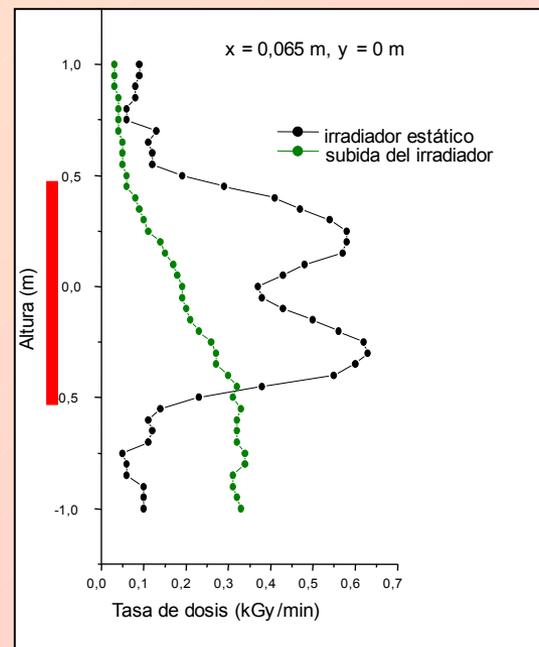
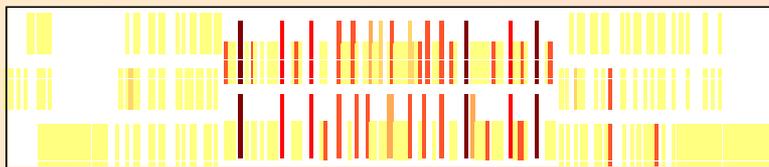
TASA de DOSIS DIRECTA EN PLANOS PARALELOS al IRRADIADOR



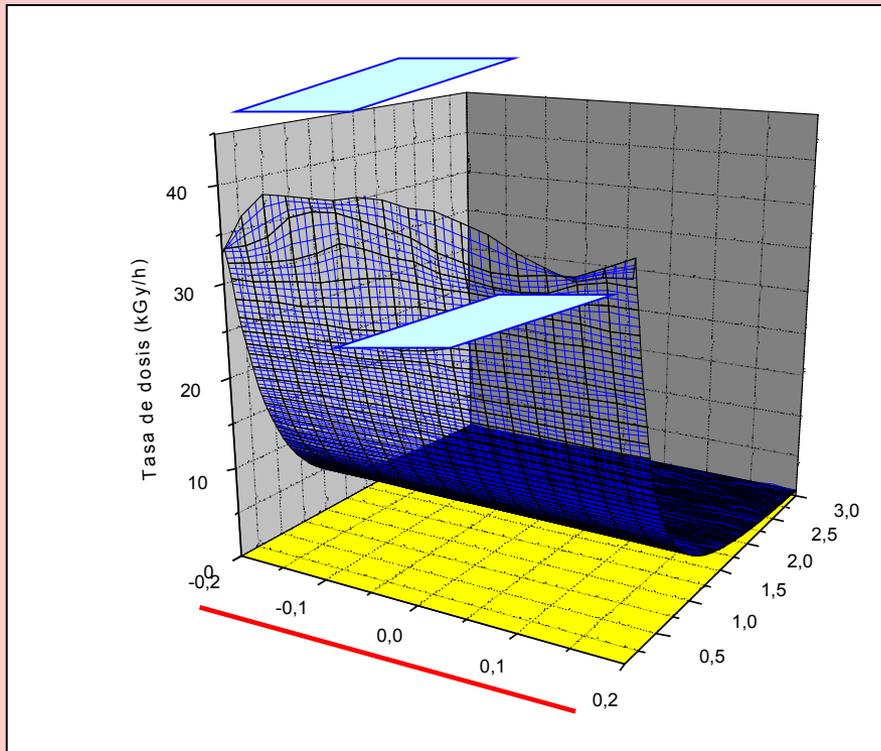
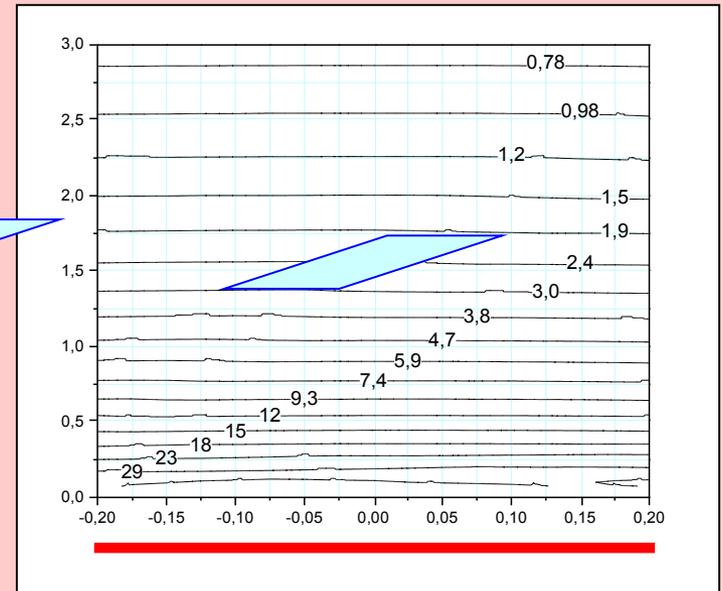
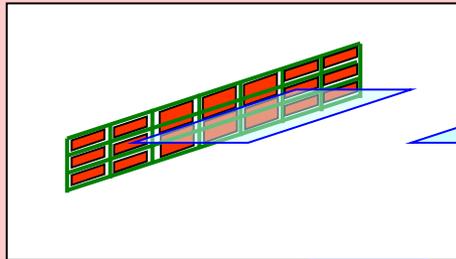
TASA de DOSIS DIRECTA para el IRRADIADOR en TRÁNSITO y el IRRADIADOR en POSICIÓN



Actividad en el irradiador



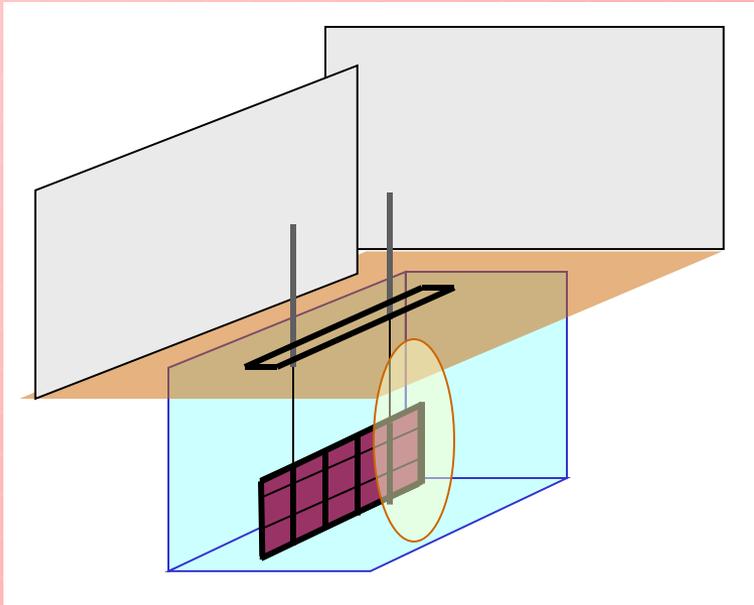
Líneas de igual tasa de dosis



MUCHAS GRACIAS

por su atención

jmangussi@herrera.unt.edu.ar



Para ustedes
un retrato mío
la PISI

