

PACKAGE ID - 001036SUN0000 MARS12

KWIC TITLE - Energy Deposition Calculation for High Energy
Particle Interaction Various Matls

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LIMITATION CODE -UNL **AUDIENCE CODE** - UNL

COMPLETION DATE - 09/20/1993 **PUBLICATION DATE** - 09/20/1993

DESCRIPTION - Used in high energy particle interaction for energy
deposition calculation.

PACKAGE CONTENTS - Media Directory; Software Abstract; READ.ME File (2
pages); Media Includes Source Code, Sample Problem Input and
Output;

SOURCE CODE INCLUDED? - Yes

MEDIA QUANTITY - 1 CD Rom

COMPUTER - SUN

OPERATING SYSTEMS - Sun OS, HPUX, any other OS that supports Fortran 77
and CERN library is available.

PROGRAMMING LANGUAGES - Fortran 77

SOFTWARE LIMITATIONS - Floating point arithmetic underflow could occur
while running the program.

SOURCE CODE AVAILABLE (Y/N) - Y

RELATED SOFTWARE - CERN library required.

HARDWARE REQS - Size (approx); 700 kb executable (SunOS)

ABSTRACT STATUS - Released AS-IS 4/22/96

SUBJECT CLASS CODE - W

KEYWORDS -
COMPUTER PROGRAM DOCUMENTATION
M CODES
ENERGY BEAM DEPOSITION
PARTICLE INTERACTIONS

EDB SUBJECT CATEGORIES -
990200 665300

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SOFTWARE ABSTRACT

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DATE 03/12/2002

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SPONSOR - DOE/ER

PACKAGE TYPE - AS - IS