From Nadia's iteration: August 2007 Target Info Table! ###

---- Greated by Zhihong Ye, 09/17/2010

To add comment, make sure the first letter is '#' #

Parameters:

ω

10 1 12

9

Target A, Z

Radiation Length (g/cm^2) R. L

F(y) parameters AUX(7):

RESOL parameter for DEEPSIG smearing

= ESEP/1000.0 Separation energy in GeV of target nucleus ESEP

= f0/1000.0

#####

13 14 15

= BigB/1000.0 BigB

 $a/\bar{1}000.0$ П

alpha

#

18

17

19 20

21 22 23 24

Read in Format in FORTRAN: (a6,2i6,2f9.2,6f11.4) # ###

If you want to add a target, please follow the exact format of previous targets

C12 using E02-019 22Deg Data E02-019 18Deg XGT2 Data using using Data Updated in Dec 27 2012: Update f0, BigB, a, b, alpha, for D2, He3, He4, C12 Updated in Dec 30 2012: Update f0, BigB, a, b, alpha, for D2, He3, He4, C12 Updated in Mar 12 2013: Update f0, BigB, a, b, alpha, for D2, He3, He4, C12 Add f0, BigB, a, b, alpha, for Ca40 Ca48 using XGT2 in Mar 12 2013: in Mar 13 2013: Updated

####

25 26 27 28

29

30 32 33 34 35

36 38 39

- # #	Name	⋖	Z		R.L.	RESOL	ESEP	f0	BigB	р	q	alpha
		-		1.007940	61.28		0000.0	5.6000	0.000	0.000	0.000.0	20.0000
۵	2	7	_	2.014102	122.60	0.14	2.2500	8.82984	0.26811	6.12654	5.59714	40.9566
Í	e3	m	7	3.016029	71.07	•	5.4900	4.97806	1.25747	2.69986	9.76214	59.9070
Í	He4	4	7	4.002602	94.32	0.16	20.2000	3.27526	1.41069	2.72064	7.49020	129.0620
Ã	e	6	4	9.012182	65.19	•	9.2800	3.4814	1.1608	3.1195	7.8398	110.9670
U		12	9	12.010700	42.70	•	17.2700	3.12386	1.47238	3.07786	7.01660	174.8817
⋖	Ţ	27	13	26.981539	24.01	•	9.9000	3.2783	1.3474	2.9698	6.5760	131.8450
Ŭ	a40	40	20	40.078000	16.14	•	10.1569	2.93995	1.03813	3.10460	7.27470	149.0793
ŭ	a48	48	20	47.952534	16.14	•	13.9418	2.75391	1.22894	3.06320	6.99263	177.7476
ű.	O	26	56	55.845000	13.84	•	10.0600	2.8900	1.4016	3.1802	7.2635	165.7000
Ū	. D	64	29	63.546000	12.86	•	8.5500	2.8740	0.8866	3.0959	7.0945	132.4577
Ā	٦.	197	79	196.966569	6.46	0.25	6.9300	2.6424	0.7632	3.0654	6.7678	132.4517