

The 17th International Symposium on Origin of Matter and Evolution of Galaxies

Monday, 9 September 2024

Poster presentation (16:30 - 19:00)

-Conveners: Xiaodong Tang

time	[id] title	presenter
16:30	[10] Thermonuclear $^{28}\text{P}(p, \gamma)^{29}\text{S}$ reaction rate and astrophysical implication in ONe nova explosion	LIU, Jinbo
16:31	[15] Thermonuclear reaction rate of $^{57}\text{Cu}(p, \gamma)^{58}\text{Zn}$ in rp-process	Dr ZHANG, Min
16:32	[18] Neutron-capture elements in open clusters	FUA, Sugimura
16:33	[19] Observations of r-process elements including thorium in the galactic disk and halo stars	FURUTSUKA, Kurumi
16:34	[27] A New Strong Urca Pair ^{63}Fe - ^{63}Mn and its Impact on the Thermal Evolution and Superburst Ignition of Neutron Star	HUANG, Hao
16:35	[29] Data analysis of the $^{26}\text{Si}(\alpha, p)^{29}\text{P}$ reaction for the nucleosynthesis in the X-ray bursts	OKAWA, Kodai
16:36	[71] In situ measurement method of positron annihilation in nuclear astrophysical experiments	LIN, Shen
16:37	[80] Direct measurement of the $^{15}\text{N}(p, \gamma)^{16}\text{O}$ cross sections at low energy	WANG, Lin
16:38	[112] Research on deuterium-deuterium reaction in laser-driven plasma environment below 100 keV	XI, Xiaofeng
16:39	[113] Studying Subthreshold Resonance Using the Trojan Horse Method	WANG, Xuejian
16:40	[114] Measurement of ^{12}C neutron inelastic scattering cross section using MAIKo+ active target Time Projection Chamber	LIN, YIFAN
16:41	[117] The origin of extremely metal-poor star with weak r-process signature	OKADA, Hiroko
16:42	[131] Synthesis of Sc, Ti, and V in Core-Collapse Supernovae toward Constraining the Explosion Mechanism	HATAMI, Ryota
16:43	[120] Nuclear mass predictions with machine-learning and impacts on r-process	WU, Xin-Hui
16:44	[87] The study of single-particle strength quenching effect and nuclear astrophysical $^{14}\text{C}(n, \gamma)^{15}\text{C}$ reaction using single-neutron-removal transfer reactions of ^{15}C	JIANG, Yuchen
16:45	[121] Studying the $^{12}\text{C}+^{12}\text{C}$ fusion reaction at astrophysical energies using HOPG target	WANG, Shuo
16:46	[123] Development of the pulsing beam technique to suppress the natural background in China JinPing underground Laboratory	FAN, Yihua
16:47	[124] Direct measurement of the $^{12}\text{C}(^{12}\text{C}, \alpha_0)^{20}\text{Ne}$ cross section at stellar energies	LI, Yunzhen
16:48	[125] Development of enriched ^{12}C CVD diamond targets for astrophysical $^{12}\text{C}(\alpha, \gamma)^{16}\text{O}$ reaction measurements	DONG, Jingyu

16:49	[126] Influence of Neutrino–Nuclear Reactions on the Abundance of ^{74}Se	SONG, Na
16:50	[127] Electron screening potential calculated by a new theoretical model	LI, Jiayinghao
16:51	[134] Study of the Structural Properties of Atomic Nuclei and Neutron Stars Using Elastic Scattering Angular Distributions	ZHANG, Zhicheng
16:52	[132] Average lifetime of nuclei in stellar and effects on the abundance of elements	CHAO, Dong
16:53	[129] New Maxwell distribution neutron source	HOU, Jianglin
16:54	[135] Impact parameter in single proton transfer reaction $^{56,58}\text{Fe}(^{18}\text{O}, ^{17}\text{N})^{57,59}\text{Co}$	LIU, Runlong
16:55	[128] Half-Life Measurement of ^{146}Eu	GUO, changxin
16:56	[136] Fabrication of ^{17}O isotope reaction targets	TIAN, Tao
16:57	[137] Stepped-up development of AMS for the detection of ^{60}Fe with the HI-13 tandem accelerator	YANG, zhang
16:58	[138] A conceptual design of neutron detector for the (α, n) cross section measurement	GONG, Yongce
16:59	[141] Supernova Nucleosynthesis: Neutrino-Mass Hierarchy and meteorite constraint	Mr YAO, Xingqun
17:00	[30] Sensitivity study on the final abundance pattern of the r-process due to fission barrier uncertainties	JIANG, Bowen
17:01	[140] Poster session	