

Abstract Submitted
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Measurement of the tensor analyzing powers T_{20} and T_{21} in elastic electron-deuteron scattering with BLAST¹ MICHAEL KOHL, Hampton University, BLAST COLLABORATION — With the BLAST experiment at MIT-Bates, precision measurements of single and double polarization observables were carried out by scattering longitudinally polarized electrons from internal, isotopically pure and highly polarized hydrogen and deuterium targets in elastic and quasi-elastic kinematics. Analysis of elastic scattering data acquired with tensor-polarized deuterium has provided new results at low momentum transfer for the deuteron tensor analyzing powers T_{20} and T_{21} which will be presented.

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